Post & Schell P.C.
ATTORNEYS AT LAW

One Oxford Centre
301 Grant Street, Suite 3010
Pittsburgh, PA 15219
412-227-8887 Main
412-227-9065 Main Fax
www.postschell.com

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Devin Ryan

dryan@postschell.com
717-612-6052 Direct
717-731-1985 Direct Fax
File #: 205510

May 20, 2024

VIA ELECTRONIC FILING

Rosemary Chiavetta, Secretary
Pennsylvania Public Utility Commission
Commonwealth Keystone Building
400 North Street, 2nd Floor North
P.O. Box 3265
Harrisburg, PA 17105-3265

Re: Petition of PPL Electric Utilities Corporation for Approval of its Second Distributed Energy Resources Management Plan
Docket No. P-2024

Dear Secretary Chiavetta:

Enclosed for filing is the Petition of PPL Electric Utilities Corporation ("PPL Electric" or the "Company") for Approval of its Second Distributed Energy Resources ("DER") Management Plan. PPL Electric is filing its Petition pursuant to Paragraph 62 of the Joint Petition for Settlement of All Issues approved by the Pennsylvania Public Utility Commission's ("Commission") at Docket No. P-2019-3010128. If approved, the Company's Second DER Management Plan would become effective on March 22, 2025, the day after PPL Electric's First DER Management Plan's Pilot Program is set to end.

PPL Electric notes that Proprietary and Non-Proprietary copies of the filing are being submitted. The Proprietary version contains **HIGHLY CONFIDENTIAL** PPL Electric Exhibits CD-5 through CD-7, CD-9 through CD-12, and KM-2 through KM-5. These exhibits contain proprietary and sensitive information about PPL Electric's distribution system and operations. Accordingly, PPL Electric respectfully requests that the Proprietary version of the filing be afforded proprietary treatment and placed in a non-public folder.

Due to file size restrictions, the Non-Proprietary and Proprietary versions are being uploaded separately to the Commission's ShareFile for large filings.

Additionally, under separate cover, PPL Electric is sending the Commission a CD containing PDF copies of the Proprietary and Non-Proprietary versions of the filing.

The Company's filing consists of the following documents:

1. Petition for Approval of PPL Electric's Second DER Management Plan;
2. PPL Electric St. No. 1 – Direct Testimony of Salim Salet, including PPL Electric Exhibits SS-1 and SS-2;
3. PPL Electric St. No. 2 – Direct Testimony of Aliesha Dombrowski-Diamond, including PPL Electric Exhibits AD-1 through AD-7;
4. PPL Electric St. No. 3 – Direct Testimony of Cody M. Davis, including PPL Electric Exhibits CD-1 through CD-4 and CD-8 and **HIGHLY CONFIDENTIAL** PPL Electric Exhibits CD-5 through CD-7 and CD-9 through CD-12;
5. PPL Electric St. No. 4 – Direct Testimony of Reigh A. Walling, including PPL Electric Exhibit RW-1;
6. PPL Electric St. No. 5 – Direct Testimony of Jay Johnson, including PPL Electric Exhibit JJ-1;
7. PPL Electric St. No. 6 – Direct Testimony of Dr. Elizabeth Cook, including PPL Electric Exhibit EC-1;
8. PPL Electric St. No. 7 – Direct Testimony of Lee Krevat, including PPL Electric Exhibits LK-1 through LK-11;
9. PPL Electric St. No. 8 – Direct Testimony of Dr. Karen Miu, including PPL Electric Exhibit KM-1 and **HIGHLY CONFIDENTIAL** PPL Electric Exhibits KM-2 through KM-5; and
10. PPL Electric St. No. 9 – Direct Testimony of Kevin Underwood.

As shown on the attached Certificate of Service, PPL Electric has served the Non-Proprietary copy of the filing on the Office of Consumer Advocate, Office of Small Business Advocate, the

Commission's Bureau of Investigation and Enforcement, and all parties from the First DER Management Plan proceeding. The Company is also serving the Non-Proprietary copy of the filing on Tesla, Inc. ("Tesla"), Sun Directed, American Home Contractors ("AHC"), Sunrun, Inc. ("Sunrun"), and the Solar Energy Industries Association ("SEIA") (collectively, the "Joint Solar Parties"), as evidenced by the Certificate of Service.

The Company also requests that the Commission publish notice of this filing in the *Pennsylvania Bulletin* and that a reasonable deadline for intervention be set as part of that notice.

PPL Electric believes that these various communications initiatives will provide all interested parties with full notice of the Company's proposed Second DER Management Plan and an opportunity to participate in any Commission proceeding about this Petition. However, if the Commission concludes that additional notice would be appropriate, the Company will provide such additional notice as the Commission may direct.

Lastly, as set forth in the Petition, PPL Electric respectfully requests Commission approval of the Second DER Management Plan no later than its February 20, 2025 public meeting, so that the Company has sufficient time to implement the Second DER Management Plan before the Pilot Program ends on March 21, 2025.

Respectfully submitted,

Devin Ryan

DTR/dmc
Enclosures

cc: Certificate of Service

CERTIFICATE OF SERVICE

I hereby certify that a true and correct copy of this filing has been served upon the following persons, in the manner indicated, in accordance with the requirements of 52 Pa. Code § 1.54 (relating to service by a participant).

VIA E-MAIL AND FIRST-CLASS MAIL

NazAarah Sabree
Small Business Advocate
Office of Small Business Advocate
555 Walnut Street
Forum Place, 1st Floor
Harrisburg, PA 17101
Ra-sba@pa.gov
Office of Small Business Advocate

Allison Kaster, Esquire
Bureau of Investigation & Enforcement
Commonwealth Keystone Building
400 North Street, 2nd Floor West
P.O. Box 3265
Harrisburg, PA 17105-3265
Email: rknaskie@pa.gov
Bureau of Investigation & Enforcement

Darryl A. Lawrence, Esquire
Office of Consumer Advocate
555 Walnut Street
Forum Place, 5th Floor
Harrisburg, PA 17101-1923
Email: dlawrence@paoca.org
Office of Consumer Advocate

Andrew J. Karas, Esquire
Emily A. Collins, Esquire
Fair Shake Environmental Legal Services
647 E. Market Street
Akron, OH 44302
Email: akaras@fairshake-els.org
Email: ecollins@fairshake-els.org
Natural Resources Defense Council

Adam E. Gersh, Esquire
Flaster Greenberg P.C.
1717 Arch Street, Suite 3300
Philadelphia, PA 19103
Email: adam.gersh@flastergreenberg.com
Sunrun, Inc.

Beren Argetsinger, Esquire
Keyes & Fox LLP
PO Box 166
Burdett, NY 14818
Email: bargetsinger@keyesfox.com
Sunrun, Inc.

Bernice I. Corman, Esquire
BICKY CORMAN LAW PLLC
1250 Connecticut Avenue, NW, Suite 700
Washington, DC 20036
Email: bcorman@bickycormanlaw.com
Tesla, Inc., Sun Directed, American Home Contractors, Sunrun, Inc., and Solar Energy Industries Association

Judith D. Cassel, Esquire
Micah R. Bucy, Esquire
Hawke, McKeon & Sniscak LLP
100 North Tenth Street
Harrisburg, PA 17101
Email: jdcassel@hmslegal.com
Email: mrbucy@hmslegal.com
Sustainable Energy Fund

Date: May 20, 2024

Devin T. Ryan

BEFORE THE
PENNSYLVANIA PUBLIC UTILITY COMMISSION

Petition of PPL Electric Utilities Corporation for Approval of its Second Distributed Energy Resources Management Plan	: : :	Docket No. P-2024-_____

PETITION OF PPL ELECTRIC UTILITIES CORPORATION FOR APPROVAL OF ITS SECOND DISTRIBUTED ENERGY RESOURCES MANAGEMENT PLAN

Kimberly A. Klock (ID # 89716)
Michael J. Shafer (ID # 205681)
PPL Services Corporation
645 Hamilton Street, Suite 700
Allentown, PA 18101
Phone: 610-774-5696
Fax: 610-774-6726
E-mail: kklock@pplweb.com
mjshafer@pplweb.com

Devin T. Ryan (ID # 316602)
Post & Schell, P.C.
One Oxford Centre
301 Grant Street, Suite 3010
Pittsburgh, PA 15219
Phone: 717-612-6052
E-mail: dryan@postschell.com

David B. MacGregor (ID # 28804)
Megan E. Rulli (ID # 331981)
Post & Schell, P.C.
17 North Second Street, 12th Floor
Harrisburg, PA 17101-1601
Phone: 717-731-1970
Fax: 717-731-1985
E-mail: dmacgregor@postschell.com
mrulli@postschell.com

Of Counsel:

Post & Schell, P.C.

Date: May 20, 2024

Attorneys for PPL Electric Utilities Corporation

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Appendix A – PPL Electric Utilities Corporation's Direct Testimony and Exhibits

Pursuant to 52 Pa. Code §§ 5.41, 53.3, 53.31, and 75.13(k) and Paragraph 62 of the Joint Petition for Settlement of All Issues approved at Docket No. P-2019-3010128, PPL Electric Utilities Corporation ("PPL Electric" or the "Company") hereby petitions the Pennsylvania Public Utility Commission ("Commission") for approval of tariff modifications and other authorizations that are needed to implement PPL Electric's Second Distributed Energy Resources ("DER") Management Plan ("Second DER Management Plan" or the "Plan") as set forth in this Petition and the Company's direct testimony and exhibits. The Second DER Management Plan expands on the Company's First DER Management Plan, the First DER Management Plan's Pilot Program ("Pilot Program"), and Rule 12 of its tariff, which were approved at Docket No. P-2019-3010128 and govern the interconnection and operation of new DERs deployed in the Company's service territory.

As explained herein, the electric transmission and distribution systems in Pennsylvania and the United States continue to undergo significant changes. In particular, the increasing deployment and use of DERs, such as solar panels and batteries, have upended the traditional electric grid[1] model of large-scale generation located at significant distances from customers. By allowing customers to both consume and produce electricity at what were traditionally points of delivery (*i.e.*, at the distribution system's "edge"), DERs force the electric distribution system to perform in a way for which it was not originally designed and, as a result, place an increasing stress on the grid. Critically, while the deployment of DERs in Pennsylvania continues to increase, the Company still must provide reasonable, safe, and reliable electric service to all of its customers, including those who have not installed DERs.

[1] The terms "grid," "electric grid," or "power grid," as used in this Petition, mean an interconnected network for delivering electricity from producers to consumers. The network includes both the transmission system and distribution system.

In 2019, the Company took a proactive step requesting Commission approval to implement its First DER Management Plan, which was designed to produce cost-effective benefits for customers with and without DERs, the DER market, and the Commonwealth as a whole. Under that proposal, customers applying to interconnect new DERs with PPL Electric's distribution system would be required to: (1) use Company-approved smart inverters that are compliant with IEEE 1547-2018 and then-forthcoming revisions to UL Standard 1741; and (2) install DER Management devices that enable PPL Electric to monitor and actively manage DERs. These proposals would enable PPL Electric to:

1. Facilitate and encourage the increased deployment of DERs in its service territory by reducing interconnection costs for customers installing DERs and increasing hosting capacity on distribution circuits[2];

2. Improve the safety, reliability, adequacy, and resiliency of its distribution service by gaining visibility into the DERs' impacts on the distribution system and actively leveraging the grid support functions of the DERs' smart inverters;

3. Improve distribution system operation and planning by eliminating "hidden load"[3] at DER points of interconnection; and

4. Reduce the Company's capital costs and operation and maintenance expenses that are passed onto ratepayers by, among other things, remotely managing the DERs' voltage support functions to mitigate voltage violations on distribution circuits, which decreases system upgrades as well as costs to manually address voltage violations (*e.g.*, reduction in the number of truck rolls).

Ultimately, the Commission approved a settlement reached by all the active parties in that proceeding, which, among other things, outlined that: (1) new DERs interconnecting with the

[2] "Hosting capacity is the amount of [distributed photovoltaic systems ('DPV')] that can be added to distribution system before control changes or system upgrades are required to safely and reliably integrate additional DPV." Advanced Hosting Capacity Analysis, NREL, *available at* https://www.nrel.gov/solar/market-research-analysis/advanced-hosting-capacity-analysis.html.

[3] "Hidden load" is the amount of load that is present on a circuit but not measured at telemetry points (e.g., the feeder circuit breaker) because the energy is being provided by local downstream DERs. The amount of load measured by distribution equipment is often referred to as the "net" load, and the total amount of load operating on the feeder (including the amount offset by DER production) is the "native" load, with "hidden" load in a given interval as the difference between the two.

Company's distribution system on or after January 1, 2021, would be required to have smart inverters meeting the applicable standards set forth in Rule 12 of the Company's tariff; and (2) PPL Electric would undertake a Pilot Program to test and evaluate (a) the costs and benefits to distribution system operation and design of monitoring DERs through devices connected to inverters as compared to maintaining distribution system status visibility through other means (e.g., automated meter reading equipment, advanced distribution management systems ("ADMS"), modeling) and (b) the costs and benefits to distribution system operation of active management of DERs as compared to the benefits available through the use of inverter autonomous grid support functions. Paragraph 62 of the Settlement further provided that within 60 days after the end of Program Year 2 of the Pilot Program, which concluded on March 21, 2024, PPL Electric can file a Petition to: (a) extend the program and make such other changes to the program as the Company may request; (b) continue installing the DER Management devices on new DERs in its service territory; and/or (c) authorize the Company to remotely and actively manage (i) the DERs that were in the Pilot Program's control groups, (ii) the DERs that have enrolled and will enroll in the program, and (iii) any new DERs that will interconnect with the Company's distribution system after the program concludes.

PPL Electric commends the Commission on having the foresight to approve the Settlement, so that the benefits of monitoring and actively managing DERs could be realized. The Pilot Program has improved the reliability and performance of the distribution system, increased DER hosting capacity, reduced interconnection costs for interconnection applicants, and facilitated the

interconnection of more DERs, all without materially affecting the generation of participating DERs.[4]

Also, PPL Electric has seen significant, cost-effective benefits from monitoring and actively managing DERs. Based on the data gathered through Program Year 2, PPL Electric's Pilot Program has reduced the Company's operation and maintenance expenses by approximately $15.33 million and the Company's capital expenditures by approximately $6.60 million.[5] When compared to the $128,000 of operation and maintenance expenses and the $6.38 million of capital costs that the Pilot Program has cost as of the end of Program Year 2, the Pilot Program has produced substantial benefits compared to its costs. Furthermore, PPL Electric's continued learning and adaptations have resulted in additional program efficiencies related to the overall cost of the DER Management device installation and provisioning.

To continue and expand on these achievements, PPL Electric hereby submits this Petition for approval of its Second DER Management Plan. As set forth in this Petition and the Company's testimony and exhibits, PPL Electric proposes to expand on its Pilot Program by receiving approval to: (1) actively monitor and manage the smart inverter settings on customer DERs in the Pilot Program's control groups; (2) utilize the Volt/Watt functionality, with customer consent, when the interconnecting DER could create a localized high voltage issue on the distribution system at the time of interconnection, which would not be resolved by the Volt/VAR or Constant Power Factor grid support functions; and (3) make the Pilot Program permanent. Moreover, the Company

[4] As explained in the direct testimony of Cody M. Davis (PPL Electric Statement No. 3), PPL Electric uses monitored real and reactive power data to calculate the amount of customer energy generation lost as a result of the operation of Volt/VAR curves for each customer in the Pilot Program. The average annual energy losses are generally less than 10 kWh.

[5] Further, the Pilot Program has increased hosting capacity by an estimated 29 MW. If that additional 29 MW were fully utilized as of March 21, 2024, it would have produced additional generation and reduced distribution and transmission losses valued at approximately $4.57 million.

proposes to install DER Management devices on: (1) solar photovoltaic systems interconnected before the Pilot Program started on January 1, 2021; and (2) inverter-based DERs interconnected after the Pilot Program started without DER Management devices installed on them.[6] Collectively, the Second DER Management Plan will produce additional, substantial, cost-effective benefits for customers with and without DERs.

By approving this Petition, the Commission would further support and enable Pennsylvania's vision of renewable energy growth to address climate and sustainability objectives by reducing greenhouse gas emissions. The Second DER Management Plan will facilitate the greatest penetration of DERs at the least cost while maintaining service reliability and safety. Additionally, PPL Electric's monitoring and active management of DERs has helped the DER market by facilitating the safe, reliable, efficient, and affordable deployment of DERs in the Company's service territory, which has seen significant increases in the number of DER interconnection applications since the start of the Pilot Program. Since the start of the Pilot Program, the Company has received 19,464 interconnection applications. Of those 19,464 applications, 7,418 have been included in the Pilot Program and have a DER Management device installed. Also, as of May 17, 2024, PPL Electric has worked with 392 solar developers through the life of the Pilot Program to interconnect their systems to the distribution systems. The Company has also reviewed and approved 272 inverters from 15 different manufacturers.

For these reasons, and as explained in more detail below, PPL Electric respectfully requests that the Commission approve the proposed revisions to PPL Electric's tariff, grant the

[6] As proposed in PPL Electric Exhibit SS-2, customer-generators with these systems must submit a new interconnection application when they upgrade their system, install a new inverter on their system, or by March 22, 2040, whichever is earlier. The DER Management devices will be installed on those systems after their new interconnection applications are approved as compliant with the Company's current requirements for DERs and inverters and after their systems are installed and inspected.

authorization to require the installation of the DER Management devices pursuant to 52 Pa. Code § 75.13(k), and grant any other Commission approvals that are needed to implement the Company's Second DER Management Plan.[7] Further, as set forth in Section V, *infra*, PPL Electric respectfully requests Commission approval of the Second DER Management Plan no later than its February 20, 2025 public meeting, so that the Company has sufficient time to implement the Second DER Management Plan before the Pilot Program ends on March 21, 2025.

I. INTRODUCTION

1. PPL Electric is a corporation organized and existing under the laws of the Commonwealth of Pennsylvania. PPL Electric is a wholly-owned direct subsidiary of PPL Corporation.

2. PPL Electric furnishes electric distribution, transmission and default supply services to approximately 1.5 million customers throughout its certificated service territory, which includes all or portions of 29 counties and encompasses approximately 10,000 square miles in eastern and central Pennsylvania.

3. PPL Electric is a "public utility," an "electric distribution company" and a "default service provider" as defined in Sections 102 and 2803 of the Public Utility Code, 66 Pa. C.S. §§ 102, 2803.

4. The complete name and address of PPL Electric is as follows:

[7] Unlike with the First DER Management Plan, the Company no longer requires the waivers of the Commission's regulations that it received in the First DER Management Plan proceeding because the updated IEEE and UL standards that the Company proactively implemented have since been automatically incorporated into the Commission's regulations by reference. *See* 52 Pa. Code § 75.22 (defining "Certified" as "(i) IEEE Standard 1547, 'Standard for Interconnecting Distributed Resources with Electric Power Systems,' as amended and supplemented" and "(ii) UL Standard 1741, 'Inverters, Converters and Controllers for use in Independent Power Systems' (January 2001), as amended and supplemented") (emphasis added).

PPL Electric Utilities Corporation
Two North Ninth Street
Allentown, PA 18101

5. The attorneys for PPL Electric are:

Kimberly A. Klock (ID # 89716)
Michael J. Shafer (ID # 205681)
PPL Services Corporation
645 Hamilton Street, Suite 700
Allentown, PA 18101
Phone: 610-774-5696
Fax: 610-774-6726
E-mail: kklock@pplweb.com
mjshafer@pplweb.com

Devin T. Ryan (ID # 316602)
Post & Schell, P.C.
One Oxford Centre
301 Grant Street, Suite 3010
Pittsburgh, PA 15219
Phone: 717-612-6052
E-mail : dryan@postschell.com

David B. MacGregor (ID # 28804)
Megan E. Rulli (ID # 331981)
Post & Schell, P.C.
17 North Second Street, 12th Floor
Harrisburg, PA 17101-1601
Phone : 717-731-1970
Fax : 717-731-1985
E-mail : dmacgregor@postschell.com
mrulli@postschell.com

PPL Electric's attorneys are authorized to receive all notices and communications regarding this Petition.

II. LEGAL STANDARDS

6. Section 5.41 of the Commission's regulations states, in part, that "[p]etitions for relief under the act or other statute that the Commission administers, must be in writing, state clearly and concisely the interest of the petitioner in the subject matter, the facts and law relied upon, and the relief sought." 52 Pa. Code § 5.41(a).

7. Copies of any petition under Section 5.41 must be served on the statutory parties and "on all persons directly affected and on other parties whom petitioner believes will be affected by the petition," as well as further directed by the Commission. 52 Pa. Code §§ 5.41(b)-(c).

8. "Unless the Commission otherwise orders, a public utility . . . may not change an existing and duly established tariff, except after notice of 60 days to the public." 52 Pa. Code § 53.31.

9. Electric distribution companies ("EDCs") are required to "file a tariff with the Commission that provides for net metering consistent with" Chapter 75 of the Commission's regulations. 52 Pa. Code § 75.13(c).

10. In addition, an EDC and default service provider ("DSP") "may not require additional equipment or insurance or impose any other requirement" on a net metering customer-generator "unless the additional equipment, insurance or other requirement is specifically authorized under this chapter or by order of the Commission." 52 Pa. Code § 75.13(k).

III. THE COMMISSION SHOULD APPROVE THE SECOND DER MANAGEMENT PLAN, RELATED AUTHORIZATIONS AND TARIFF MODIFICATIONS REQUESTED BY PPL ELECTRIC

A. SECOND DER MANAGEMENT PLAN'S REQUIREMENTS AND BENEFITS

11. PPL Electric's Second DER Management Plan will enable the Company to continue to integrate, monitor, and manage DER resources throughout PPL Electric's service territory.

12. As proposed, PPL Electric's Second DER Management Plan will require that all customer-owned and third party-owned, inverter-based DER system installations be equipped with DER Management devices so that the Company can monitor and manage the DERs.

13. Complete details of the Second DER Management Plan's requirements are set forth in the Second DER Management Plan (see PPL Electric Exhibit SS-1) and the Company's proposed modifications to Tariff Rule 12 (see PPL Electric Exhibit SS-2).

14. As demonstrated by the Pilot Program, the Company can leverage the smart inverters' grid support functions to improve safety, reliability and resiliency, reduce interconnection costs for DER interconnection applicants (*e.g.*, avoidance of paying for distribution system upgrades), mitigate the impact of DERs on the distribution system, and increase the distribution circuits' hosting capacity by monitoring and managing DERs in the service territory.

15. Indeed, as explained in Section III.B, *infra*, the Company's proposal will facilitate DER adoption and provide a wide range of benefits, while also supporting the statewide initiatives to reduce greenhouse gas emissions.

16. Moreover, the Second DER Management Plan's benefits align with PPL Electric's statutory duty to provide safe, reliable, adequate, affordable, and reasonable service to all of its customers. *See* 66 Pa. C.S. § 1501.

17. As the owner and operator of the distribution system with a statutory duty to provide safe and reliable service, PPL Electric should have visibility and management of the generation interconnected with its distribution system, similar to how Regional Transmission Operators ("RTOs") and Independent System Operators ("ISOs") that are responsible for the transmission systems have visibility and management of the generation assets interconnected with the transmission systems.

18. The following sections generally outline the required equipment, technical standards, and benefits of implementing the changes for PPL Electric and its customers.

1. Smart Inverters

19. Inverters are devices that convert the direct current ("DC") power produced by solar panels into the alternating current ("AC") power transported on the electric distribution system for use in homes and businesses.

20. Smart inverters[8] provide additional functionality to standard inverters. For example, smart inverters are equipped with many grid support functions, including: (1) Constant Power Factor, Volt/VAR, Volt/Watt, and Reactive Power; (2) Frequency/Watt; (3) Voltage and Frequency Ride-through; and (4) Remote ON/OFF capability. This functionality allows the DERs that utilize smart inverters to operate in "sync" with the distribution system, thereby reducing power quality issues and maximizing potential DER output and operability. Smart inverters are also used in battery (energy storage) systems, electric vehicle chargers, and any other technologies that use DC power.

21. Under the Second DER Management Plan, PPL Electric will continue to test and approve smart inverters for use in the Company's territory.

22. PPL Electric's DER Lab completes a series of tests to confirm the inverter is compliant with IEEE 1547-2018 and UL 1741 SB. These tests verify that the applicable communication protocol registers are built into the inverter and also that the proper registers are read/write capable. The Company's DER Lab sample Test Plan for Inverters is attached hereto as PPL Electric Exhibit AD-7. For inverters that are not compliant, the DER Lab works with the inverter manufacturer to build said registers that allow the device to be compliant with IEEE 1547-2018 and UL 1741 SB.

23. Inverters that are certified to IEEE 1547-2018 and UL Standard 1741 Supplement B ("UL 1741 SB") can be compatible with the Company's DER Management devices and approved for use in the Company's service territory under Rule 12 of PPL Electric's tariff.

[8] As used in this Petition, "smart inverter" means an "inverter that performs functions that, when activated, can autonomously contribute to grid support during excursions from normal operating voltage and frequency system conditions by providing: dynamic reactive/real power support, voltage and frequency ride-through, ramp rate controls, communication systems with ability to accept external commands and other functions." PG&E Rule 21 Interconnection Tariff, *available at* http://www.cpuc.ca.gov/General.aspx?id=5071.

24. The Company also tests the inverters to ensure that they are compatible with PPL Electric's DER Management devices and can be safely and reliably utilized in the field together.

25. The Company reviews and approves inverters quickly, typically within two weeks. If an inverter does not have the proper firmware or functionality, the review process can take longer.

26. PPL Electric's approved inverter list includes inverters from the vast majority of inverter manufacturers. Inverters such as SolarEdge Technologies, Inc. ("SolarEdge"), Delta Electronics, Inc. ("Delta"), SMA Solar Technology AG, Tigo Energy, Solis (Ginlong Technologies), and Sol-Ark, LLC ("Sol-Ark") in varying sizes can be found on this list.

27. As of May 17, 2024, PPL Electric's approved inverter list includes 272 inverters from 15 different manufacturers, with more inverters from 6 additional inverters manufacturers in the pipeline, that cover the vast majority of inverter manufacturers and inverters that are certified to IEEE 1547-2018 and UL 1741 SB.

2. DER Management Devices

28. A DER Management device is the communication medium between the DER inverters and the EDC.

29. Under the Second DER Management Plan, DER Management devices must be installed and connected to the local communication interface of the DER system, so that the Company can monitor and manage the DERs and take advantage of the DERs' grid support functions.

30. PPL Electric's DER Management devices feature an advanced radio or cellular modem and connect to the DER's local communication interface to enable the monitoring and management of the DER through the Radio Frequency ("RF") Mesh network or a cellular network.

The device allows PPL Electric to remotely monitor the attributes and performance of the DER and manage its grid support settings as needed.

31. PPL Electric currently relies on three different DER Management devices: (1) the Smart Collar and Dongle device; (2) the Bridge device; and (3) the Cellular Gateway device.

32. The Smart Collar and Dongle was the first-generation DER Management device and has since been replaced by the Bridge. Both the Bridge and Smart Collar and Dongle devices use the existing advanced metering infrastructure ("AMI") network (*i.e.*, RF) Mesh network) to communicate back to the Company's head-end system.

33. The Cellular Gateway solution is used for IEEE 2030.5 inverters and communicates back to the Company's servers.

34. All three of these solutions communicate back to the Company's ADMS through either AMI or Cellular.

35. The Company is experienced with managing cybersecurity concerns associated with these communication devices. Robust practices and protocols are used to manage and mitigate cyber threats. These practices and protocols are equal to or exceed industry standards and will be enhanced as necessary to address evolving threats.

3. DER Monitoring and Management

36. IEEE 1547-2018 and UL 1741 SB focus on the need for smart inverters' grid support functionality and communication with EDCs' operational systems.

37. As the deployment of DERs continues to increase, it remains critically important for the Company to monitor and manage the DERs interconnected with its electric distribution system.

38. Solar and other intermittent resources can negatively affect the voltage on the electric distribution system, resulting in delayed interconnection or the need for potentially costly distribution system reinforcements before additional DERs can be installed.

39. Without the ability to directly communicate with and manage customer DERs to leverage grid support functionality, the amount of intermittent generation that can be interconnected on the distribution circuits must be limited to maintain system stability and reliability.

40. Therefore, PPL Electric respectfully requests that it continue to have the ability to monitor and manage DERs through the DER management devices by engaging their smart inverter grid support capabilities.

41. Specifically, as set forth in the Second DER Management Plan, PPL Electric proposes that it be permitted to monitor and actively manage the following grid support functions in the smart inverters: (1) Volt/VAR; (2) Constant Power Factor; (3) Remote On/Off; (4) Voltage Ride-through; (5) Frequency Ride-through; and (6) with customer consent, Volt/Watt.

42. Volt/VAR shall be the default voltage management mode for all actively managed inverters.

43. Volt/Watt will only be enabled and managed with the consent of the interconnecting customer when the interconnecting DER could create a localized high voltage issue on the distribution system at the time of interconnection, which would not be resolved by the Volt/VAR or Constant Power Factor grid support functions.

4. Expansion of the First DER Management Plan

44. Through the Second DER Management Plan, PPL Electric proposes to expand on its First DER Management Plan's Pilot Program by receiving approval to: (1) actively monitor and

manage the smart inverter settings on all DERs that are in the Pilot Program's control groups; (2) utilize the Volt/Watt functionality, with customer consent, when the interconnecting DER could create a localized high voltage issue on the distribution system at the time of interconnection, which would not be resolved by the Volt/VAR or Constant Power Factor grid support functions[9]; and (3) make the Pilot Program permanent.

45. As such, provisions in the Settlement that limit the scope of the Pilot Program's requirements, such as the annual cap of 3,000 DER Management devices, would be eliminated.

46. Moreover, the Company proposes to install DER Management devices on: (1) solar photovoltaic systems interconnected before the Pilot Program started on January 1, 2021; and (2) inverter-based DERs interconnected after the Pilot Program started without DER Management devices installed on them.[10]

5. Customer Communications

47. The implementation of new equipment and DER management protocols and standards requires clear communication with any prospective customer-generators.

48. Customers who are pursuing or are interested in learning more about installing DERs on the PPL Electric distribution system can find detailed information and instructions about the interconnection process on PPL Electric's external website, which has been updated to appropriately reflect the changes to its DER standards.

[9] Such customer consent will be required because the Volt/Watt functionality will affect the generating facility's production.

[10] As proposed in PPL Electric Exhibit SS-2, customer-generators with these systems must submit a new interconnection application when they upgrade their system, install a new inverter on their system, or by March 22, 2040, whichever is earlier. The DER Management devices will be installed on those systems after their new interconnection applications are approved as compliant with the Company's current requirements for DERs and inverters and after their systems are installed and inspected.

49. For example, the Frequently Asked Questions section on the website has been updated to include additional information regarding customer impacts and equipment requirements for the DER management device.

50. Further, the Company's Renewable Energy Connection portal has been updated to include a section on the DER Management device and steps required before receiving approval from PPL Electric to interconnect with the distribution system.

51. In addition, the Company's Rules for Electric Metering and Service Installation ("REMSI") website includes the requirements for interconnecting DERs, required equipment specifications, and installation rules for the DER Management device.

52. PPL Electric's customer service department is also equipped with documentation allowing them to address customers' questions regarding the smart inverters and DER Management devices.

B. BENEFITS OF THE SECOND DER MANAGEMENT PLAN

1. The Second DER Management Plan Builds Upon Initiatives To Address And Encourage Interconnection Of Alternative Energy Sources

a. State, Federal, and Company Initiatives

53. As noted previously, PPL Electric's First DER Management Plan was designed to help facilitate and encourage the deployment of customer-owned DERs in its service territory, and the Pilot Program's results have shown that the First DER Management Plan has been incredibly successful in achieving that goal.

54. Since the start of the Pilot Program, the Company has received 19,464 interconnection applications. Of those 19,464 applications, 7,418 have been included in the Pilot Program and have a DER Management device installed. As of May 17, 2024, PPL Electric has worked with 392 solar developers through the life of the Pilot Program to interconnect their

systems to the distribution systems. The Company has also reviewed and approved 272 inverters from 15 different manufacturers.

55. Meanwhile, PPL Electric continues to project increases in the deployment of customer-owned DERs in its service territory due to several state and federal initiatives to bolster the deployment of alternative energy sources.

56. In Pennsylvania, customer-owned DERs are governed by the Alternative Energy Portfolio Standards ("AEPS") Act of 2004, 73 P.S. §§ 1648.1-1648.8, which became effective in February 2005, and has since been revised by Act 35 of 2007 (effective July 2007) and Act 129 of 2008 (effective November 2008). The AEPS Act enables customer-generators to interconnect their generating facilities with the distribution systems of EDCs, like PPL Electric. *See* 73 P.S. § 1648.5.

57. The AEPS Act directed the Commission to "develop the technical and net metering interconnection rules for customer-generators to operate renewable onsite generators in parallel with the electric utility grid." *See id.* Pursuant to this directive, the Commission promulgated regulations that govern the interconnection and net metering of customer-generators' facilities. *See* 52 Pa. Code, Ch. 75.

58. Since the Commission's AEPS Act regulations became effective on December 16, 2006, the Company has connected over 26,243 customer-owned and third party-owned DERs to its electric distribution system. Of these, approximately 26,078 are solar photovoltaic ("PV") facilities, with the remaining systems primarily consisting of combined heat and power, wind, and biomass.

59. Back when PPL Electric filed its Petition for approval of its First DER Management Plan in 2019, those figures were 8,000 and 7,900, respectively, which demonstrates the significant increase seen in the Company's service territory in approximately five years.

60. Further, since January 1, 2021, PPL Electric has received an average of 5,839 DER interconnection applications per year, with the overwhelming majority of applications for solar PV systems.

61. Again, back when PPL Electric filed its Petition for approval of its First DER Management Plan in 2019, the Company received on average between 1,000 and 1,500 DER interconnection applications per year, which shows the substantial rise of DER interconnection applications over approximately the last five years.

62. Based upon historic interconnection of renewables throughout Pennsylvania,[11] the Company expects DER interconnection applications to rise as DER technologies become increasingly affordable and efficient.

63. Moreover, DER development has been and continues to be encouraged by financial incentives, legislative changes, and policy initiatives.

64. For example, in November 2018, the Pennsylvania Department of Environmental Protection ("DEP") released its Pennsylvania's Solar Future Plan ("PSFP").[12] The PSFP considers various opportunities for Pennsylvania residents and businesses to capitalize on the technical and

[11] See, e.g., page 32 of the Commission's "Alternative Energy Portfolio Standards Act of 2004 – Compliance for Reporting Year 2021-2022 (available at https://www.puc.pa.gov/media/2332/aeps-2022-report-final-032223-_dm.pdf), which shows an increase in total Tier I and Solar PV from 2012 to 2022.

[12] Pennsylvania's Solar Future Plan, Pennsylvania Department of Environmental Protection (Nov. 2018), *available at* http://www.depgreenport.state.pa.us/elibrary/GetDocument?docId=1413595&DocName=PENNSYLVANIA%26%2339%3bS%20SOLAR%20FUTURE%20PLAN.PDF%20%20%3cspan%20style%3D%22color:blue%3b%22%3e%28NEW%29%3c/span%3e.

economic potential of solar electric generation from distributed generation systems and utility-scale solar PV farms. One key proposal of the PSFP is to "[a]ccelerate use of smart inverters to manage over-voltage concerns on low voltage distribution lines and avoid unnecessarily adding costs on small solar distributed generation projects."[13] Additionally, the PSFP modeled various scenarios that investigated the viability of increasing the state's solar obligation from 0.5% in 2021 to 10% by 2030 – amounting to an estimated 11 gigawatts of new solar generation.[14]

65. Additionally, in October of 2017, Governor Wolf signed Act 40[15] into law, which effectively closed Pennsylvania's borders to solar renewable energy credits ("SRECs") generated from solar facilities outside of the Commonwealth. This has supported the development of solar facilities within the Commonwealth because EDCs and electric generation suppliers ("EGSs") must now fulfill their AEPS Act solar obligations from the generation of solar energy within the Commonwealth.

66. The projected increased installation of DERs is further supported by the Commission's "*Electric Power Outlook for Pennsylvania 2022-2027*,"[16] which states on pages 9-10 that the following changes to the "generation resource mix continues to change and have potential impacts for reliability" of electric service:

- Reliable Interconnection of Inverter-Based Resources: <u>Reliably integrating inverter-based resources (IBR), which include most solar and wind generation, onto the grid is paramount</u>. Over 70% of the new

[13] PSFP at xiv.

[14] PSFP at xvi.

[15] Act 40 of 2017, H.B. 118, 2017 Pa. Laws 40; *see also Implementation of Act 40 of 2017*, Docket No. M-2017-2631527 (Order entered May 3, 2018), *reconsideration granted in part and denied in part*, Docket No. M-2017-2631527, 2018 Pa. PUC LEXIS 276 (Order entered Aug. 2, 2018).

[16] Pennsylvania Public Utility Commission, "*Electric Power Outlook for Pennsylvania 2022-2027*" (August 2023), *available at* https://www.puc.pa.gov/media/2527/electric-power-outlook-for-pennsylvania-2022-2027-8-29-2023-final-draft-with-covers.pdf.

> generation in development for connecting to the [Bulk Power System ("BPS")] over the next 10 years is solar, wind, and hybrid (a generating source combined with a battery). Note that the regional transmission operator (RTO) that serves Pennsylvania, PJM Interconnection, LLC (PJM), has developed a white paper outlining some risks with high penetration of IBR if proper planning and study are not undertaken.
>
> - Accommodating Large Amounts of Distributed Energy Resources (DER): Preparing the grid to operate with increasing levels of distribution resources must also be a priority in many areas. Solar photovoltaic (PV) DERs are projected to reach over 80 GW by the end of the [Long-Term Reliability Assessment ("LTRA")] 10-year assessment, a 25% increase in projection since [North American Electric Reliability Corporation's ("NERC")] 2021 LTRA. A total of 12 assessment areas project to double the amount of DERs in their areas by 2032.[17]

67. PPL Electric has been proactively preparing for increasing DER interconnections. The Company actively engaged in assessing and understanding the impact of DER development through its Keystone Solar Future Project ("KSFP") and received a grant of over $3 million for this program from the U.S. Department of Energy's ("DOE") Office of Energy Efficiency and Renewable Energy through its Sunshot Initiative in August 2017. The objective of the project was to gain greater insights into operational and technical impacts on the distribution system as increasing amounts of customer-owned and third party-owned solar generation are integrated into the existing distribution system. As a part of the KSFP, the Company developed and implemented a Distributed Generation ("DG") Portal, a web-based tool for rapid review of customer-owned DG applications.

68. Further, in July 2019, PPL Electric upgraded its Distribution Management System ("DMS") to an ADMS and developed a Distribution Energy Resource Management System

[17] *Id.* at 9-10 (emphasis added) (footnote omitted).

("DERMS") to gather DER data, provide DER system forecast capabilities, and provide DER management capabilities.

69. Additionally, the Company requested Commission approval of its First DER Management Plan on May 24, 2019, and received such approval on December 17, 2020. Since that time, PPL Electric has seen substantial increases in DER deployments in its service territory and fostered innovation and development of the DER market.

70. In addition, on September 17, 2020, the Federal Energy Regulatory Commission ("FERC") issued Order No. 2222 at Docket No. RM18-9-000, which "remove[d] barriers to the participation of distributed energy resource aggregations in the Regional Transmission (RTO) and Independent System Operator (ISO) markets (RTO/ISO markets)."[18] The ability for aggregated DERs on the distribution system to participate in the wholesale markets may bolster interconnections in the Company's service territory.[19]

71. In light of these financial incentives, legislative changes, policy initiatives, and Company efforts, PPL Electric continues to project a substantial rise in the number of DER interconnection applications in the future based upon historic trends of renewable interconnections throughout Pennsylvania, projected incentives to encourage installations to reduce carbon emissions, and the increasing affordability and efficiency of DER technology. As explained previously, there are several activities – some promulgated by the market, some by government

[18] *See Participation of Distributed Energy Res. Aggregations in Markets Operated by Reg'l Transmission Orgs. & Indep. Sys. Operators*, 172 FERC ¶ 61,247 (Sept. 17, 2020) ("FERC Order No. 2222"), *on reh'g*, *Participation of Distributed Energy Res. Aggregations in Markets Operated by Reg'l Transmission Orgs. & Indep. Sys. Operators*, 2021 FERC LEXIS 360 (Mar. 18, 2021) ("FERC Order No. 2222-A"), *on reh'g*, *Participation of Distributed Energy Res. Aggregations in Markets Operated by Reg'l Transmission Orgs. & Indep. Sys. Operators*, 2021 FERC LEXIS 887 (June 17, 2021) ("FERC Order No. 2222-B").

[19] FERC Order No. 2222 also authorizes electric distribution utilities, such as PPL Electric, to "override RTO/ISO dispatch of a distributed energy resource aggregation in circumstances where such override is needed to maintain the reliable and safe operation of the distribution system." FERC Order No. 2222, 172 FERC ¶ 61,247, P310.

entities, and others by PPL Electric itself – to enhance and prepare for the future development of DERs within Pennsylvania. Efforts such as these demonstrate opportunities to increase DER installations within the Commonwealth.

72. The increased solar generation and other types of DERs on distribution systems will require careful and thoughtful planning by all EDCs.

73. Through the instant Petition, PPL Electric seeks to continue its proactive steps to integrate, monitor, and manage DERs on its distribution system for the benefit of its customers, the DER market, and the Commonwealth as a whole.

b. IEEE Standard 1547 and UL Standard 1741

74. The Second DER Management Plan, like the First DER Management Plan, builds upon the requirements and purposes of IEEE 1547-2018 and UL 1741 SB.

75. IEEE Standard 1547 is formally identified as "IEEE Standard for Interconnection and Interoperability of Distributed Energy Resources with Associated Electric Power Systems Interfaces." This standard outlines technical requirements concerning the interconnection and interoperability performance of DERs, including operation and testing, safety, maintenance, and security requirements. The standard also specifies that a DER must be equipped with additional grid support functions.

76. The original IEEE 1547-2003 established very basic DER interconnection requirements, which included:

- Prohibition of energization of an otherwise de-energized distribution circuit.
- Disconnection of the DER from the utility system for distribution system faults and other voltage and frequency deviations.
- Prohibition on causation of voltages on the distribution system outside of accepted bounds.

- Limitation of harmonic current distortion.

- Detection and cessation of energization of a disconnected distribution feeder (island detection).

77. The significantly revised IEEE 1547-2018 retained these basic requirements with some changes, but introduced many additional requirements including:

- Minimum reactive power injection and absorption capability. The intent is that this reactive power capability can be deployed to help regulate the distribution system voltage, particularly to mitigate voltage impacts caused by the DER. The prohibition by the original IEEE 1547-2003 of DER regulation of voltage was interpreted by many that a DER should only operate at unity power factor (no reactive power). Consequently, many inverter-based DERs were previously not designed to have any reactive power capability.

- Capability to control the reactive power according to several different defined functions including the "volt-var" function where reactive power is varied as a function of the measured local voltage. This is effectively a voltage regulation function. The original IEEE 1547-2003 strictly prohibited DERs from performing any voltage regulation.

- Ability to ride through (i.e., not trip offline) for voltage and frequency disturbances of specified severities for specified durations. These ride-through characteristics were coordinated with the expected severity and durations of bulk transmission faults and frequency disturbances, such that DER do not trip offline as a result of bulk transmission disturbances. Consequential tripping of DER for such disturbances poses the distinct possibility of substantially aggravating the severity of large-scale system disturbances, posing a threat to power grid security and reliability. IEEE 1547-2018 retains the requirement for DER to trip offline, similar to previous requirements in IEEE 1547-2003, but with adjustment of parameters to better coordinate with bulk system security needs.

- Limitations on the allowable power quality impact of DERs, specifically regarding lamp flicker (repetitive voltage variations) and rapid voltage change (isolated abrupt changes in voltage). Limitations on harmonic distortion in IEEE 1547-2018 are similar to the previous requirements with some adjustments of parameters.

- Automatic variation of active (real, or kW) power with grid frequency. This is the functionality of the speed governor of a rotating generator DER and is applied to all DERs, including inverter-based DERs. The intent is to provide support to grid frequency regulation by increasing

DER power output when the frequency of the grid drops below the 60 Hz nominal value, and decreasing power output when the frequency rises above nominal. With the growth of inverter-based generation, at both the distribution and transmission levels, and the concurrent retirement of conventional generating plants, the mechanical inertia of the power grid will decrease. As a result, grid frequency will tend to vary more quickly as a result of changes in the balance between load demand and generation. This new requirement of IEEE 1547-2018 ensures that DERs provide commensurate contribution to grid frequency regulation and helps avoid excessive frequency variations that can lead to grid collapse and blackout.

- Capability for interoperability and information exchange with external entities, typically the interconnected utility, using a unified information model and standard communication protocols. This interoperability includes real-time measurements of DER parameters, such as active and reactive power output, terminal voltage, ability for the external entity to disable and enable DER operation and set power output limits, and change DER parameters (e.g., voltage regulation setpoints), in real time. This requirement for interoperable capability applies to all DERs, regardless of whether the host utility or any other entity provides the communication medium to the DER point of connection at the time of original DER installation. The intent of this requirement is to allow DER operation to be properly coordinated with the operation and security of the distribution system and power system at large in the future, if not immediately, as the complexity of the DER-penetrated grid increases.

78. Other changes made in the 2018 version that are not specifically new capability requirements include:

- Interconnection and performance of microgrids when connected to the distribution system is defined.

- Large utility-scale DER facilities (e.g., solar farms connected to distribution systems) are distinguished from smaller behind-the-meter DER installations with regard to the point where requirements are applied.

- Test and conformance evaluation requirements are made dependent on where the standard requires the performance requirements to apply and whether the DER unit is a pre-tested device or a bespoke assemblage of components.

79. The above requirements comprise substantial, if not revolutionary, changes to DER capabilities that have been deemed necessary to accommodate the rapid increase of DER penetration, coordinate with modern digitized power grids, and leverage the capabilities of advancing technology to provide necessary grid-supporting services.

80. In addition to the IEEE 1547-2018 standard, which governs the technical requirements for DERs, UL Standard 1741 also applies to DERs and governs the physical testing procedures that manufacturers must perform to certify that a DER inverter meets IEEE 1547-2018.

81. The underlying vision put forth in IEEE 1547-2018 is that DERs provide grid support and minimize their own adverse power system impacts in coordination with utility distribution system controls.

82. PPL Electric's Second DER Management Plan is a prudent step toward fulfillment of this vision by utilizing the advanced grid support features required of DERs by this standard in a flexible manner and with integration with distribution system controls to meet objectives of providing quality and reliable service to all electric consumers on the relevant circuits. Most significantly, the Plan integrates DERs into a cohesive and coordinated system management architecture by utilizing real-time management of DER grid-support function parameters and visibility of DER operations using the data interoperability requirements of the standard.

83. While IEEE 1547-2018 provides functions that can be applied with fixed parameters and thus perform autonomously, this is very sub-optimal in a modern automated distribution system that can be topologically reconfigured to address loading and reliability constraints and requires significant performance compromises.

84. A distribution circuit with substantial DERs connected will have a wide variety of operational situations over days and over seasons for which fixed DER parameters provide compromised performance.

85. Also, modern distribution systems are designed to be self-healing by performing reconfiguration of the distribution system topology in response to faults and outages. DER management parameters that are appropriate for the normal system configuration can be counterproductive in an alternate system configuration. Dynamic adjustment of parameters, as will be made possible by the Second DER Management Plan, allows more complete implementation of the potential benefits afforded by the Standard's DER functionality requirements.

86. As for UL 1741 SB, the first edition of UL 1741 was published in May 1999. Prior to November 2005, the title of UL 1741 was "Standard for Inverters, Converters, and Controllers for Use in Independent Power Systems."

87. The Second Edition of UL 1741 was published in January 2010 and the most recent, Third Edition, was published on September 28, 2021. UL Standards & Engagement ("ULSE") encourages comments and proposals for revisions at any time to be submitted via the Collaborative Standards Development System ("CSDS"). Based on these proposals, changes were made to the Third Edition on October 19, 2022, and April 12, 2023.

88. The requirements for UL 1741 Supplement SB, "Grid Support Utility-Interactive Inverters and Converters Based upon IEEE 1547-2018 and IEEE 1547.1-2020," directly reference IEEE 1547-2018, "IEEE Standard for Interconnection and Interoperability of Distributed Energy Resources with Associated Electric Power Systems Interfaces," and the associated conformance standard, IEEE 1547.1-2020, "IEEE Standard Conformance Test Procedures for Equipment

Interconnecting Distributed Energy Resources with Electric Power Systems and Associated Interfaces," as Source Requirement Documents ("SRDs") for UL 1741 SB certification testing.[20]

89. The development and revision of UL 1741, like all UL safety standards, is performed in accordance with the American National Standards Institute ("ANSI") Essential Requirements,[21] approved in "ULSE ANSI Accredited Procedures"[22]. UL 1741 was updated after the publication of IEEE 1547.1-2020 to include Supplement SB using a consensus-based process within a Standards Technical Panel ("STP")[23] composed of a diverse set of technical experts representing different interests. Voting members of the STP came from a balanced collection of individuals representing the following interest categories: Producer, Testing and Standards Organizations, Supply Chain, AHJ/Regulator, Government, Consumer, General Interest, and Commercial/Industrial Users.

90. The purpose of UL 1741 is to clearly define the purpose, process, requirements, and criteria to certify inverters, converters, controllers, and Interconnection System Equipment ("ISE") to consensus-based safety, functional, and interconnection requirements from multiple SRDs. To this end, the purpose of UL 1741 SB is to provide a certification standard for the conformance test procedures in IEEE 1547.1-2020, so products can be listed to the requirements in IEEE 1547-2018. This creates an essential, traceable link between the widely adopted IEEE 1547-2018 interconnection standard and products that can be interconnected in that jurisdiction.

[20] UL 1741 SB1.1.

[21] American National Standards Institute (ANSI), ANSI Essential Requirements, Jan 2024, *available at* https://www.ansi.org/american-national-standards/ans-introduction/essential-requirements.

[22] ULSE ANSI Accredited Procedures - Approved by ANSI on March 15, 2023, *available at* https://ulse.org/data-insights/ulse-ansi-accredited-procedures.

[23] As of 2022, UL STPs are now called Technical Committees ("TCs").

Only products that have been listed to UL 1741 SB by a Nationally Recognized Testing Laboratory ("NRTL") should be considered compliant with IEEE 1547-2018.

91. UL 1741 SB requires that all listed DER equipment include grid support interactive electrical modes and a local communication interface. Depending on the categorization of the equipment, UL 1741 SB will require dozens of tests to validate compliance to the conformance standard. Example tests include validation of Voltage Trip and Voltage Ride-Through, Voltage Disturbances in Continuous Region, Frequency Trip and Frequency Ride-Through, Voltage Phase-Angle Change Ride-Through, Enter Service, Limit Active Power, Constant Power Factor Mode, Voltage-Reactive Power Mode, Active Power-Reactive Power Mode, Constant Reactive Power Mode, Voltage-Active Power Mode, and Frequency-Droop Capability. Additionally, a standardized local communication interface is required which uses the SunSpec Modbus, IEEE 1815, or IEEE 2030.5 protocol. These interfaces are validated using four types of tests: Nameplate Data Test, Configuration Information Test, Monitoring Information Test, and Management Information Test. The three standardized communication protocols are further defined in the associated information models provided by the SunSpec Alliance and IEEE.

92. PPL Electric started requiring UL 1741 SB listings for all newly installed DER equipment on January 1, 2023. After that time, PPL Electric could then rely on the equipment having standardized communication interfaces and incorporate their mandatory grid support interactive functionality defined in IEEE 1547-2018 into its First DER Management Plan. This provided PPL Electric the ability to remotely adjust voltage regulation modes, active power capabilities, and adjustable protection functions to minimize voltage violations, improve system restoration, better visualize power flows, and defer capital costs associated with system upgrades.

93. Going forward, the Second DER Management Plan will similarly capitalize on these capabilities made possible by IEEE 1547-2018 and UL 1741 SB.

2. The Second DER Management Plan Will Produce Significant, Cost-Effective Benefits

94. The Second DER Management Plan will provide several substantial benefits to customers, the Company, and the Commonwealth by improving the safety, quality, efficiency, stability, and reliability of the Company's operations and service while facilitating the increased deployment of DERs through the Company's service territory.

95. As noted previously and in the Company's direct testimony and exhibits, the Second DER Management Plan will:

a. Facilitate and encourage the increased deployment of DERs in its service territory by reducing interconnection costs for customers installing DERs and increasing hosting capacity on distribution circuits;

b. Improve the safety, reliability, adequacy, and resiliency of its distribution service by gaining visibility into the DERs' impacts on distribution system and actively leveraging the grid support functions of the DERs' smart inverters;

c. Improve distribution system operation and planning by eliminating "hidden load" at DER points of interconnection; and

d. Reduce the Company's capital costs and operation and maintenance expenses that are passed onto ratepayers by, among other things, remotely managing the DERs' voltage support functions to mitigate voltage violations on distribution circuits, which decreases the number of truck rolls that would otherwise be needed to address voltage violations manually.

96. Indeed, through the Pilot Program, PPL Electric has seen significant, cost-effective benefits from monitoring and actively managing DERs. Based on the data gathered through Program Year 2, PPL Electric's Pilot Program has reduced the Company's operation and

maintenance expenses by approximately $15.33 million and the Company's capital expenditures by approximately $6.60 million.[24]

97. When compared to the $128,000 of operation and maintenance expenses and $6.38 million of capital costs that the Pilot Program has cost as of the end of Program Year 2, the Pilot Program has produced substantial benefits compared to its costs.

98. Therefore, the Pilot Program has improved the reliability, resiliency, safety, and performance of the distribution system, increased DER hosting capacity, mitigated the impact of DERs on the distribution system, and facilitated the interconnection of more DERs, all the while reducing the Company's capital costs and expenses that would be passed on to customers and without materially affecting the generation of participating DERs.[25]

99. In addition, by increasing the hosting capacity of the distribution circuits, enabling the safe and reliable interconnection of more DERs, and reducing the number of truck rolls needed to resolve voltage violations, PPL Electric's Second DER Management Plan will help to combat climate change by enabling renewable energy and reducing greenhouse gas emissions.

100. Furthermore, PPL Electric's continued learning and adaptations have allowed additional program savings related to the overall cost of the DER Management device installation and provisioning.

101. Thus, as shown above, the Second DER Management Plan will build upon the Pilot Program's successes and is designed to produce several substantial benefits for customers, the DER market, the Company, and the Commonwealth.

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[24] The DER Pilot has increased hosting capacity by an estimated 29 MW. If that additional 29 MW were fully utilized as of March 21, 2024, it would have produced additional generation and reduced distribution and transmission losses valued at approximately $4.57 million.

[25] *See* note 4, *supra*.

3. Denial of the Instant Petition Would Adversely Affect PPL Electric, the Company's Distribution System, PPL Electric's Customers, and the Commonwealth

102. As noted previously, the Second DER Management Plan will produce substantial, cost-effective benefits for customers, the Company, and the Commonwealth.

103. Conversely, the Commission's denial of this Petition will adversely affect PPL Electric, the Company's distribution system, PPL Electric's customers, and the Commonwealth.

104. By denying the instant Petition, all of the benefits produced by the First DER Management Plan, including reduced capital costs and operation and maintenance expenses, increased hosting capacity for DERs on distribution circuits, and reduced interconnection costs for DER applicants, would be lost.

105. Those lost benefits would put upward pressure on PPL Electric's distribution rates and increase the costs for DER applicants to interconnect their DERs with the distribution system. Therefore, such an outcome would harm customers with and without DERs in the Company's service territory and potentially discourage DER development.

106. In addition, denial of the Petition would negatively impact PPL Electric's distribution system and, by extension, its ability to provide safe, reliable, adequate, affordable, and reasonable service as required by Section 1501 of the Public Utility Code.

107. As set forth in the Company's direct testimony, PPL Electric currently experiences voltage issues and two-way power flows on its distribution system due to the current level of DER interconnections.

108. Such interconnections are only projected to increase, which will compound those issues.

109. PPL Electric's First DER Management Plan has been successful in limiting the impact and resolving many of those issues.

110. However, the Commission's denial of this Petition will exacerbate those issues and prevent the Company and its customers from fully realizing the benefits of DERs on the grid. For example, PPL Electric would lose the ability to use the actively managed DERs to help mitigate the duration and frequency of voltage violations on its distribution system, which would negatively affect the adequacy of the Company's service (*e.g.*, voltage) and increase the Company's operation and maintenance expenses to manually respond to voltage violations by rolling trucks to the violations' locations. The Company also would not be able to increase distribution circuits' hosting capacity, thereby leading to interconnection applicants having to pay for distribution system upgrades and potentially discouraging DER development.

111. In addition, PPL Electric would lose the capability to use smart inverters' Remote On/Off function to shut off DERs that fail to shut off on their own when there is an emergency, potentially placing Company personnel, first responders, and the public at risk.

112. Lastly, as explained in PPL Electric's direct testimony, distribution utilities need to get ahead of the challenges presented by DERs on their distribution systems before too many DERs without monitoring and management capabilities are deployed. If the Commission were to deny PPL Electric's Petition, the Company would be prevented from proactively tackling the issues presented by DERs and, instead, forced to invest in costly distribution system upgrades to resolve those issues.

C. THE COMPANY'S PROPOSED TARIFF MODIFICATIONS AND COMMISSION AUTHORIZATIONS ARE REASONABLE AND IN THE PUBLIC INTEREST AND SHOULD BE APPROVED

1. Proposed Tariff Modifications

113. Attached to Mr. Salim Salet's direct testimony as PPL Electric Exhibit SS-2 is the Company's *pro forma* tariff supplement modifying Rule 12 of the Company's tariff, which sets forth rules and requirements related to the Second DER Management Plan.

114. The modified Rule 12 provides customer application details and technical DER equipment standards under the Second DER Management Plan.

115. Specifically, these tariff pages provide details about the device requirements, including smart inverters, DER Management devices, and DER monitoring and management.

116. PPL Electric respectfully requests Commission approval of the tariff modifications set forth in the *pro forma* tariff supplement attached to Mr. Salim Salet's direct testimony as PPL Electric Exhibit SS-2 to become effective on one day's notice of a Commission order approving such tariff modifications.

117. As noted previously, these tariff modifications are necessary to implement the Second DER Management Plan.

118. Given the substantial benefits of the DER Management Plan,[26] the proposed tariff modifications are in the public interest and should be approved.

2. Proposed Authorization Under Section 75.13(k) Of The Commission's Regulations

119. Section 75.13(k) states, in pertinent part, that "[t]he EDC and DSP may not require additional equipment or insurance or impose any other requirement unless the additional equipment, insurance or other requirement is specifically authorized under this chapter or by order of the Commission." 52 Pa. Code § 75.13(k).

120. Here, Company will require customer-generators to install additional equipment (*i.e.*, the DER management device) and impose additional requirements (*e.g.*, that the customer-generator allow PPL Electric to monitor and manage the DER and that the DER utilize a

[26] *See* Section III.B, *supra*.

standardized, non-proprietary communications protocol specified by the utility) that are not specifically authorized under Chapter 75 or a Commission order.

121. Therefore, PPL Electric is requesting Commission authorization pursuant to Section 75.13(k), which is necessary to implement the DER Management Plan.

122. Finally, the Company respectfully requests that the Commission grant any additional approvals or authorizations it deems are necessary to implement the Second DER Management Plan.

IV. NOTICE

123. PPL Electric has served copies of the filing on the Office of Consumer Advocate, Office of Small Business Advocate, the Commission's Bureau of Investigation and Enforcement, and all parties and commenters from the First DER Management Plan proceeding, as evidenced by the Certificate of Service.

124. Also, the Company confirms that it is serving a copy of the filing on Tesla, Inc. ("Tesla"), Sun Directed, American Home Contractors ("AHC"), Sunrun, Inc. ("Sunrun"), and the Solar Energy Industries Association ("SEIA") (collectively, the "Joint Solar Parties"), as evidenced by the Certificate of Service.

125. This filing also will be posted on PPL Electric's website at www.pplelectric.com.

126. The Company also requests that the Commission publish notice of this filing in the *Pennsylvania Bulletin* and that a reasonable deadline for intervention be set as part of that notice.

127. PPL Electric believes that these various communications initiatives will provide all interested parties with full notice of the Company's proposed Second DER Management Plan and an opportunity to participate in any Commission proceeding about this Petition.

128. However, if the Commission concludes that additional notice would be appropriate, the Company will provide such additional notice as the Commission may direct.

V. REQUEST FOR COMMISSION APPROVAL IN SUFFICIENT TIME BEFORE PILOT PROGRAM EXPIRES

129. Under the Settlement in the First DER Management Plan proceeding, PPL Electric's current Pilot Program is set to terminate on March 21, 2025.

130. As such, PPL Electric respectfully requests that a litigation schedule be established that facilitates Commission review and approval of this Petition in sufficient time before that date, so that the Company can implement the Second DER Management Plan.

131. Thus, PPL Electric submits that the Commission should render its Final Order on this Petition no later than its public meeting scheduled for February 20, 2025.

VI. CONCLUSION

WHEREFORE, PPL Electric Utilities Corporation respectfully requests that the Pennsylvania Public Utility Commission approve the Company's Second DER Management Plan, the Company's proposed tariff modifications, and related authorizations and grant any other approvals or authorizations that are necessary to implement PPL Electric's Second DER Management Plan.

Respectfully submitted,

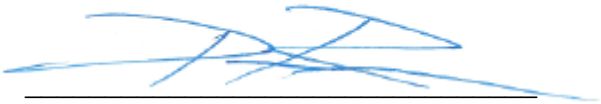

Kimberly A. Klock (ID # 89716)
Michael J. Shafer (ID # 205681)
PPL Services Corporation
645 Hamilton Street, Suite 700
Allentown, PA 18101
Phone: 610-774-5696
Fax: 610-774-6726
E-mail: kklock@pplweb.com
mjshafer@pplweb.com

Devin T. Ryan (ID # 316602)
Post & Schell, P.C.
One Oxford Centre
301 Grant Street, Suite 3010
Pittsburgh, PA 15219
Phone: 717-612-6052
E-mail : dryan@postschell.com

David B. MacGregor (ID # 28804)
Megan E. Rulli (ID # 331981)
Post & Schell, P.C.
17 North Second Street, 12th Floor
Harrisburg, PA 17101-1601
Phone : 717-731-1970
Fax : 717-731-1985
E-mail : dmacgregor@postschell.com
mrulli@postschell.com

Of Counsel:

Post & Schell, P.C.

Date: May 20, 2024

Attorneys for PPL Electric Utilities Corporation

VERIFICATION

I, SALIM SALET, being the Vice President of Transmission, Distribution & Substation Engineering & Construction at PPL Services Corporation, hereby state that the facts above set forth are true and correct to the best of my knowledge, information and belief and that I expect PPL Electric Utilities Corporation to be able to prove the same at a hearing held in this matter. I understand that the statements herein are made subject to the penalties of 18 Pa.C.S. § 4904 relating to unsworn falsification to authorities.

Date: 05/20/2024

Salim Salet (May 20, 2024 09:17 EDT)

Salim Salet

Appendix A

PPL Electric's Direct Testimony and Exhibits

BEFORE THE
PENNSYLVANIA PUBLIC UTILITY COMMISSION

Petition of PPL Electric Utilities Corporation	:	
for Approval of its Second Distributed Energy	:	Docket No. P-2024-_____
Resources Management Plan	:	

DIRECT TESTIMONY OF
SALIM SALET

PPL Electric Statement No. 1

May 20, 2024

Q. PLEASE STATE YOUR NAME AND BUSINESS ADDRESS.

A. My name is Salim Salet, and my business address is 827 Hausman Rd. Allentown, PA 18104.

Q. BY WHOM ARE YOU EMPLOYED AND IN WHAT CAPACITY?

A. I am employed by PPL Services Corporation as Vice President – TD&S Engineering & Construction.

Q. WHAT ARE YOUR DUTIES AS VICE PRESIDENT – TD&S ENGINEERING & CONSTRUCTION?

A. As the Vice President of Transmission, Distribution, & Substation Engineering & Construction, I oversee the enterprise-wide organization responsible for completing the engineering and construction of all transmission, distribution, and substation projects, creating and maintaining design and construction standards, and identifying emerging technologies that will help PPL Corporation's operating utility subsidiaries, including PPL Electric Utilities Corporation ("PPL Electric" or the "Company"), improve the services provided to customers.

Q. WOULD YOU PLEASE DESCRIBE PPL ELECTRIC?

A. PPL Electric is a corporation organized and existing under the laws of the Commonwealth of Pennsylvania. PPL Electric is a wholly-owned direct subsidiary of PPL Corporation. I have been advised by counsel that PPL Electric is a "public utility," an "electric distribution

company" and a "default service provider" as defined in Sections 102 and 2803 of the Public Utility Code, 66 Pa. C.S. §§ 102, 2803.

Q. WHAT IS YOUR EDUCATIONAL BACKGROUND?

A. I received a B.S. degree in Electrical Engineering from Pennsylvania State University in May 2006, and master's degree in business administration from the University of Saint Leo in December 2017. I am also a licensed Professional Engineer in the Commonwealth of Pennsylvania since October 2010.

Q. PLEASE DESCRIBE YOUR PROFESSIONAL EXPERIENCE.

A. I have been employed by PPL Electric since I graduated from Penn State in May of 2006. During my 13-year career in the energy industry, I have held multiple positions and gained valuable experience in various functions of the industry. Below is the list of these positions:

- May 2006 – December 2009 – Substations Engineer – I was responsible for developing scope, schedule, cost estimates, physical electrical design, and relay and control protections design for various grid upgrade and enhancement projects on the distribution and transmission grid.
- December 2009 – April 2012 – Support Engineer – I was responsible for designing and programming control systems for PPL Electric's smart grid automation system.
- April 2012 – June 2014 – Supervising Engineer – I led a group of engineers and technicians responsible for designing and maintaining PPL Electric's distribution and transmission substation control systems.

- June 2014 – July 2015 and May 2016 – April 2017 – Manager, Relay Engineering – I led a group of 45 engineers and technicians on multiple distribution and transmission grid upgrade projects. The projects included upgrades to PPL Electric's distribution and transmission management system.
- July 2015 – May 2016 – Manager, Distribution Engineering – I led a group of 30 engineers and technicians on multiple distribution design, standards, and protection projects. The group was responsible for developing and maintaining distribution standards, designing large distribution system upgrade projects, designing underground systems upgrades, and designing protection schemes for all distribution projects.
- April 2017 – March 2019 – Director, Distribution Engineering – I led a group of 125 engineers and technicians with the responsibility to develop short and long-term strategy for PPL Electric's distribution system. Some of the group's responsibilities included: (1) prioritizing investments in the distribution grid to overcome current and future challenges with a total annual budget of approximately $300 million; and (2) leveraging new technologies to improve the operation and quality of the services provided by PPL Electric.
- March 2019 – April 2021 – Director of Operations – I led a group of about 120 operators, linemen, and engineers. The group was responsible for overseeing the 24/7 operation of the distribution grid in Pennsylvania, which included storms and emergent work. My duties included building a Distributed Energy Resources ("DER") strategy that supports the rapid changes of the grid.

- April 2021 – March 2024 – Vice President of Distribution Operations – I led an organization of over 1,000 employees responsible for the operation of the distribution grid in Pennsylvania. This group's responsibilities included the day-to-day operations, future planning of the grid, maintenance strategy, storm management, budget management, and asset management.
- March 2024 – present – Vice President of Transmission, Distribution, & Substation Engineering & Construction – My job responsibilities are listed above.

Q. HAVE YOU PREVIOUSLY TESTIFIED AS A WITNESS BEFORE THE PENNSYLVANIA PUBLIC UTILITY COMMISSION ("COMMISSION")?

A. Yes, I testified in support of PPL Electric's DER Management Plan at Docket No. P-2019-3010128.

Q. WOULD YOU PLEASE DESCRIBE THE SUBJECT MATTER OF YOUR TESTIMONY?

A. My testimony will: (1) provide an overview of other witnesses' direct testimony; (2) provide an overview and history of the Company's First DER Management Plan, which governs the interconnection and operation of new DERs deployed in the Company's service territory; (3) provide an overview of the Company's proposal to implement its Second DER Management Plan; (4) describe the Company's requested tariff modifications; (5) outline the Commission approvals that the Company is requesting; and (6) explain how the Second DER Management Plan will leverage the Company's investments, existing technologies, and innovation.

Q. ARE YOU SPONSORING ANY EXHIBITS WITH YOUR TESTIMONY?

A. Yes, I am sponsoring the following exhibit:

- PPL Electric Exhibit SS-1 – PPL Electric's Second DER Management Plan; and
- PPL Electric Exhibit SS-2 – PPL Electric's *pro forma* tariff supplement modifying PPL Electric's "Rule 12 – Distributed Energy Resource (DER) Interconnection Service."

A. OVERVIEW OF OTHER WITNESSES' DIRECT TESTIMONY

Q. WOULD YOU PLEASE PROVIDE AN OVERVIEW OF THE OTHER WITNESSES WHO ARE SUBMITTING DIRECT TESTIMONY ON BEHALF OF PPL ELECTRIC IN THIS PROCEEDING?

A. Below is a list of the other witnesses and the subject matters of their direct testimony:

- PPL Electric Statement No. 2, Direct Testimony of Aliesha Dombrowski-Diamond. In her testimony, Ms. Dombrowski-Diamond: (1) provides an overview of the technologies that facilitate PPL Electric's management of DERs; (2) provides an overview of the Company's DER management devices; (3) describes the Company's field operations and experiences installing DER management devices; (4) outlines the smart inverter testing and certification process; and (5) addresses the Company's capability to adapt to future changes in DER systems and inverter technology.
- PPL Electric Statement No. 3, Direct Testimony of Cody M. Davis. Mr. Davis provides: (1) an overview of the DER Management pilot program ("Pilot Program"); (2) details about the use cases listed in the Second Revised Pilot Implementation Plan

that have been analyzed during the course of the Pilot Program; and (3) details about other use cases that the Company has analyzed during the Pilot Program.

- PPL Electric Statement No. 4, Direct Testimony of Reigh A. Walling. In his direct testimony, Mr. Walling addresses: (1) the development of the 2018 revisions to the Institute of Electrical and Electronics Engineers ("IEEE") Standard 1547, "Standard for Interconnection and Interoperability of Distributed Energy Resources with Associated Electric Power Systems Interfaces" ("IEEE 1547-2018"), along with the standard's purpose and requirements; (2) the operational challenges created by DER on an electric distribution system; (3) the operational benefits of utility monitoring and management of DERs; and (4) the potential future consequences of integration of DERs without adequate utility visibility and management.
- PPL Electric Statement No. 5, Direct Testimony of Jay Johnson. Mr. Johnson addresses the development of Supplement B to Underwriters Laboratories ("UL") Standard 1741, "Inverters, Converters and Controllers for use in Independent Power Systems" ("UL 1741 SB") and how the Second DER Management Plan builds upon the standard's purpose and requirements for smart inverters.
- PPL Electric Statement No. 6, Direct Testimony of Dr. Elizabeth Cook. In her direct testimony, Dr. Cook provides an overview of the status of solar development in Pennsylvania, electric utilities' experiences with DERs in Pennsylvania and other states, and electric utilities' pursuit of grid modernization.
- PPL Electric Statement No. 7, Direct Testimony of Lee Krevat. Mr. Krevat addresses: (1) how utility monitoring and management of DERs can help encourage and facilitate renewable energy development and combat climate change; and (2) the opportune

timing of PPL Electric's First DER Management Plan and its Second DER Management Plan, which will help (a) get ahead of the issues that DERs without utility monitoring and management can cause on the distribution system, such as those seen in other states, where DERs without utility monitoring and management have caused problems on the distribution system that can only be remedied through costly system upgrades, and (b) leverage the opportunities presented by monitored and managed DERs, thereby providing additional benefits to customer-generators and non-customer-generators alike.

- PPL Electric Statement No. 8, Direct Testimony of Dr. Karen Miu. In her direct testimony, Dr. Miu addresses the need for the Company to continue monitoring and managing DERs under its Second DER Management Plan, including: (1) the issues PPL Electric previously experienced on its distribution system from the deployment of DERs due to the Company's inability to monitor and manage those systems; and (2) the distribution system's more recent performance now that the Company does monitor and manage DERs on its system.
- PPL Electric Statement No. 9, Direct Testimony of Kevin Underwood. Mr. Underwood addresses the cybersecurity architecture related to the Company's proposal under its Second DER Management Plan.

B. OVERVIEW AND HISTORY OF THE FIRST DER MANAGEMENT PLAN

Q. COULD YOU PLEASE PROVIDE SOME BACKGROUND ON THE COMPANY'S FIRST DER MANAGEMENT PLAN?

A. Yes. On May 24, 2019, PPL Electric filed a Petition seeking Commission approval of tariff modifications and waivers of regulations necessary to implement its First DER Management Plan. The Plan would govern the interconnection and operation of new DERs deployed in the Company's service territory. Under the First DER Management Plan, PPL Electric would be able to monitor and manage the DERs interconnected with its distribution system.

Specifically, through the Petition, PPL Electric requested to proactively implement IEEE 1547-2018 and the then-forthcoming revisions to UL 1741. Under the Company's proposal, customers applying to interconnect new DERs with PPL Electric's distribution system would be required to: (1) use Company-approved smart inverters that are compliant with IEEE 1547-2018 and the then-forthcoming UL 1741 revisions (or until that standard is finalized, UL 1741 Supplement A ("UL 1741 SA"); and (2) install DER Management devices that enable PPL Electric to monitor and proactively manage DERs.

Q. WHY DID THE COMPANY FILE THE PETITION TO IMPLEMENT ITS FIRST DER MANAGEMENT PLAN?

A. The electric transmission and distribution systems in Pennsylvania and the United States continue to undergo significant changes. In particular, the increasing deployment and use

of DERs, such as solar panels and batteries, have upended the traditional electric grid[1] model of large-scale generation located at significant distances from customers. By allowing customers to both consume and produce electricity at what were traditionally points of delivery (*i.e.*, at the distribution system's "edge"), DERs force the electric distribution system to perform in a way for which it was not originally designed and, as a result, place an increasing stress on the grid. Critically, while the deployment of DERs in Pennsylvania continues to increase, the Company still must provide reasonable, safe, and reliable electric service to all of its customers, including those who have not installed DERs.

Transmission operators, such as PJM Interconnection LLC ("PJM"), manage the transmission grid by maintaining a balance between demand and generation through monitoring and managing generation assets near instantaneously. Traditionally, distribution operators did not have to worry about balancing demand and generation because the distribution grid had very little generation connected to it. However, as the penetration level of DERs increased, the classic model of distribution systems was not well-equipped to handle the simultaneous balancing of demand and generation on the distribution system. Therefore, as distribution systems have become increasingly similar to transmission, *i.e.*, a mix of demand and generation, the need to balance generation and demand becomes vitally important. Such balancing cannot be accomplished without the ability to monitor and manage generation assets on the grid.

[1] The terms "grid," "electric grid," or "power grid," as used in this Petition, mean an interconnected network for delivering electricity from producers to consumers. The network includes both the transmission system and distribution system.

At the time PPL Electric filed its Petition on May 24, 2019, the Company lacked the ability to readily monitor and manage the DERs interconnected with its distribution system. As more DERs continued to be interconnected with the Company's distribution system, PPL Electric concluded it would have to balance demand and generation simultaneously, as mentioned above, and would increasingly experience issues on its distribution system without any way to monitor and manage those resources.

Indeed, solar and other intermittent resources can negatively affect the voltage on the electric distribution system, resulting in delayed interconnection or the need for potentially costly distribution system reinforcements before additional DERs can be installed. Without the ability to directly communicate with and manage customer DERs to leverage grid support functionality, the amount of intermittent generation that can be interconnected on the distribution circuits must be limited to maintain system stability and reliability. Moreover, without such ability to monitor and manage the DERs, the reliability, safety, and efficiency of electric service would be placed at increased risk with each new DER that is interconnected to the distribution system. Thus, PPL Electric filed its First DER Management Petition to address the changing dynamics within the electric utility industry and to better integrate and manage the increased deployment of DERs in its service territory.

Q. DID PPL ELECTRIC SERVE COPIES OF ITS PETITION FOR APPROVAL OF THE FIRST DER MANAGEMENT PLAN ON OTHER PARTIES?

A. Yes. The Company initially served the First DER Management Petition on the Commission's Bureau of Investigation and Enforcement, the Office of Consumer

Advocate ("OCA"), and the Office of Small Business Advocate. Notice of the First DER Management Petition also was published in the *Pennsylvania Bulletin* on July 20, 2019, and established a deadline for protests and comments of July 30, 2019. PPL Electric also served several solar entities, as directed by the Commission's July 10, 2019 Secretarial Letter.

Q. DID ANY PARTIES PARTICIPATE IN THE FIRST DER MANAGEMENT PETITION PROCEEDING?

A. Yes. Comments were filed by Trinity Solar, the Sustainable Energy Fund ("SEF"), GridLab, the Solar Unified Network of Western Pennsylvania ("SUNWPA"), Energy Independent Solutions, LLC ("EIS"), the Interstate Renewable Energy Council, Inc. ("IREC"), the Pennsylvania Solar Energy Industries Association ("PASEIA"), and Exact Solar. In addition, Natural Resources Defense Council ("NRDC"), Sunrun, Inc. ("Sunrun"), and SEF intervened in the proceeding. The OCA also actively participated in the case.

Q. WAS THE FIRST DER MANAGEMENT PETITION APPROVED BY THE COMMISSION?

A. Yes. On December 17, 2020, the Commission entered an Order approving the First DER Management Petition, as modified by the terms and conditions of the Joint Petition for Settlement of All Issues ("DER Settlement" or "Settlement") that was filed by PPL Electric, OCA, NRDC, and SEF. I note that the remaining party, Sunrun, stated that it would not file an objection to the Settlement.

Q. COULD YOU PLEASE PROVIDE AN OVERVIEW OF THE DER SETTLEMENT?

A. The DER Settlement set forth, among other things: (1) requirements for the use of smart inverters in PPL Electric's service territory effective January 1, 2021; (2) the terms and conditions for PPL Electric's Pilot Program, including the submission of a detailed Pilot Implementation Plan; (3) a provision addressing cost recovery of PPL Electric's DER Management devices; (4) a provision concerning the Company's agreement to participate in any statewide proceeding initiated by the Commission that focuses on smart inverters, DER management devices, IEEE 1547-2018, IEEE 1547.1, and/or UL 1741; (5) several reporting requirements, including annual reports to the Commission and to customers participating in the Pilot Program; (6) the Company's compliance tariff supplement; (7) an exemption for electric vehicles ("EVs") from the Pilot Program; and (8) a provision addressing certain data on program performance to be sent to SEF.

Q. PLEASE EXPLAIN THE REQUIREMENTS FOR THE USE OF SMART INVERTERS IN PPL ELECTRIC'S SERVICE TERRITORY UNDER THE DER SETTLEMENT.

A. Effective January 1, 2021, new DERs interconnecting with the Company's distribution system were required to have smart inverters installed that meet: (1) UL 1741 SA; and (2) the Company's testing for the communications requirements under IEEE 1547-2018. These requirements are known as the "Interim Requirements." The Interim Requirements were used by PPL Electric until January 1, 2023, at which point, the Company transitioned

to requiring new DERs to have smart inverters installed that meet IEEE 1547-2018 and have been certified with IEEE 1547.1 / UL 1741 SB.

Q. PLEASE DESCRIBE THE PILOT PROGRAM'S REQUIREMENTS UNDER THE DER SETTLEMENT.

A. The Pilot Program was designed to test and evaluate: (1) the costs and benefits to distribution system operation and design of monitoring DERs through devices connected to inverters as compared to maintaining distribution system status visibility through other means (e.g., automated meter reading equipment, ADMS systems, modeling); and (2) the costs and benefits to distribution system operation of active management of DERs as compared to the benefits available through the use of inverter autonomous grid support functions. The Pilot Program began on January 1, 2021, and will end three years after the second control group is established (*i.e.*, by March 21, 2025). The three years after the second control group is established are referred to as Program Year 1, Program Year 2, and Program Year 3.

During the Pilot Program, the Company is authorized to purchase and install DER Management devices on all new DERs with inverters up to an annual limit of 3,000 DER Management devices. DERs installed above the annual limit are not part of the Pilot Program. All DER Management devices are owned, operated, and maintained by the Company at no direct cost to interconnecting customers. Moreover, the annual cap on the number of DER Management devices is not an annual cap on the number of new DERs that can be interconnected with the Company's distribution system.

In addition, under the Pilot Program, two control groups have been established. The first group consists of any DERs connected during the Pilot Program to the first 75 circuits for which interconnection applications were received by the Company on or after January 1, 2021. The second group consists of the first 1,000 new DERs installed in the Company's service territory on or after January 1, 2021. DERs connected during the Pilot Program in the first group were counted toward 1,000 DERs in the second group. Even after the second group comprised 1,000 DERs, DERs interconnected to the first 75 circuits were added to the first group. For both control groups, DER inverters operate under autonomous settings only. While the Company may monitor DER operations in the control group by collecting data through the DER Management devices, the Company cannot make operational decisions regarding the distribution system, such as distribution system planning, based on that information. For DERs that are not part of the control groups, the Company is permitted to actively manage the grid support functions of DER inverters using the DER Management devices and the Company's DERMS and can make operational decisions based on DER operational information obtained through the DER Management devices.

As for the smart inverters' functionalities, Volt/VAR is used as the default voltage management mode for all inverters for all new DERs interconnected with the Company's distribution system after January 1, 2021. The Company established default Volt/VAR settings and default settings for voltage ride-through and frequency ride-through functions consistent with PJM Interconnection LLC's ("PJM") standards. Alternative voltage management modes and settings can be used to reduce or eliminate distribution system upgrade costs to interconnect customers with the customer's agreement. For DERs in the Actively Managed Group, the Company can only manage the following grid support

functions of the smart inverters: (1) Volt/VAR; (2) Constant Power Factor; (3) Remote On/Off; (4) Voltage Ride-through; (5) Frequency Ride-through; and (6) Volt/Watt. Volt/VAR shall be the default voltage management mode for all actively controlled inverters. Volt-Watt can only be enabled and managed with the consent of the interconnecting customer. Settings for voltage ride-through and frequency ride-through are maintained in accordance with PJM's standards. Also, PPL Electric will only use the Remote On/Off function on battery storage or solar systems that have not safely isolated or "islanded" from the distribution system: (1) in emergency situations, such as a gas leak or fire in the vicinity of the DER; or (2) during a power outage.

Furthermore, monitoring and/or management of DER inverters by the Company during the Pilot Program cannot be used to enable the Company to offer services in PJM wholesale markets. Monitoring and/or management of DER inverters by the Company during the Pilot Program to support distribution grid services beyond system safety and reliability (e.g., conservation voltage reduction) is only permitted after separate application by the Company and approval by the Commission. Monitoring and/or management of inverters by DER customers or third parties during the Pilot Program to offer services in PJM wholesale markets, or to offer distribution grid services that may be established during the Pilot Program, is permitted subject to any limitations caused by the Company's management of the inverters to manage distribution system safety and reliability as part of the Pilot Program.

Q. DID THE COMPANY SUBMIT AN IMPLEMENTATION PLAN FOR THE PILOT PROGRAM?

A. Yes. Under Paragraph 61 of the Settlement, the Company was required to submit a Pilot Implementation Plan, which set forth how the Company will implement and conduct the Pilot Program, including the goals of the Pilot Program, the use cases the Company plans to test and evaluate, the specific methods and approaches for testing each use case, the methods by which PPL Electric will communicate the Pilot Program's requirements to customers and DER installers, and any additional information PPL Electric believes is necessary to include in the annual reports that will be submitted to the Commission and customers participating in the Pilot Program. PPL Electric filed its initial Pilot Implementation Plan on January 19, 2021, its Revised Pilot Implementation Plan on March 1, 2021 (which incorporated feedback from parties' comments on the Pilot Implementation Plan), and its Second Revised Pilot Implementation Plan on February 28, 2023.

Q. PLEASE EXPLAIN THE SETTLEMENT'S PROVISION GOVERNING THE COST RECOVERY OF THE DER MANAGEMENT DEVICES.

A. Under Paragraph 64 of the Settlement, PPL Electric is authorized to make a claim in its next base rate case to recover the capital costs and expenses associated with the DER Management devices that the Company purchases, owns, installs, and maintains pursuant to the Settlement. In said base rate case, the other signatories to the Settlement can challenge the amount of the Company's claim, the prudency and reasonableness of the costs and expenses, and the manner in which those costs and expenses are recovered; provided, however, that those signatories will not argue that the Pilot Program for remote

monitoring and active management itself was imprudent or unreasonable, except to the extent that the Company retains discretion over the Pilot Implementation Plan.

Q. PLEASE DESCRIBE THE DER SETTLEMENT'S PROVISION ABOUT THE COMPANY'S AGREEMENT TO PARTICIPATE IN A STATEWIDE PROCEEDING.

A. The Company agreed to participate in any statewide proceeding initiated by the Commission that focuses on smart inverters, DER Management devices, IEEE 1547-2018, IEEE 1547.1, and/or UL 1741, and the Company would give due consideration to revise its default voltage management and ride-through modes and settings, as well as other DER management protocols, to help achieve greater statewide consistency.

Q. PLEASE EXPLAIN THE REPORTING REQUIREMENTS SET FORTH IN THE DER SETTLEMENT.

A. There are two sets of annual reports that are submitted under the Settlement. First, the Company submits annual reports to the Commission at Docket No. P-2019-3010128, The providing detail quantitative information germane to evaluation the results of the Pilot Program. The reports are publicly available and do not contain any identifying customer information. The annual reports are filed within 30 days following the end of each program year and include, but are not limited to, the following information: (1) the number of times and the locations at which the Company actively managed each grid support function and the average duration that the function was actively managed; (2) the grid benefits achieved in each instance of active management, including, but not limited to, real-time grid

constraint mitigation; (3) the amounts of net generation lost due to the Company's active management of grid support functions in each instance; (4) distribution system upgrades avoided due to increased hosting capacity attributed to monitoring; (5) distribution system upgrades avoided due to increased hosting capacity attributed to autonomous functioning; (6) distribution system upgrades avoided due to increased hosting capacity attributed to active management; (7) system operation comparisons of circuits under autonomous inverter operation versus active management; (8) operational descriptions of how active management was executed and implemented (e.g., day-ahead and real-time remote setting alterations [i.e., remotely dispatch autonomous Fixed Power Factor, Active Power Limit, Volt/Watt and Volt/VAR settings to multiple DERs]); and (9) performance measures related to active management, and where applicable monitoring, including, but not limited to, communication reliability (e.g., communication uptime) and data quality. Reports include data in electronic formats that support analysis (i.e., Excel or other machine-readable data where appropriate). Additionally, the annual report sets forth the number of DERs installed, the number of DER Management devices installed, and the capital costs and expenses associated with the purchase, installation, ownership, and maintenance of the DER Management devices.

Second, the Company sends individualized annual reports to each new DER customer whose smart inverter's grid support functions were used by the Company during the annual reporting period. The customer's annual report provides the following information for the annual reporting period: (a) the amount of the DER's net generation loss due to the use of the automated grid support functions; (b) the aggregate amount of the DER's net generation loss due to the Company's active management of the grid support

functions; (c) the method and technique used to calculate the DER's net generation loss; (d) the number of times each grid support function was used on an automated basis and the average duration of that function's automated use; and (e) the number of times that PPL Electric actively managed each grid support function and the average duration that the function was actively managed. Also, for the events where a Constant Power Factor was temporarily used to override an existing Volt/VAR curve, the customer's annual report shows the existing Volt/VAR curve, the Power Factor that was temporarily used, and the duration of the event. For the events where a new Volt/VAR curve was issued, the new curve is included in the report. The customer's annual report is sent to the customer within 30 days following the cash-out of the customer's banked excess generation, which typically occurs at the end of each PJM Planning Year.

Q. PLEASE DESCRIBE THE COMPLIANCE TARIFF SUPPLEMENT APPROVED AS PART OF THE DER SETTLEMENT.

A. Following the Commission's approval of the Settlement, PPL Electric was required to submit a compliance tariff supplement consistent with the *pro forma* tariff supplement attached to the Settlement as Appendix A. PPL Electric filed this compliance tariff supplement, which set forth Rule 12 of PPL Electric's Tariff, on December 23, 2020, and it became effective on January 1, 2021.

Q. PLEASE ADDRESS THE DER SETTLEMENT'S EXEMPTION FOR EVS.

A. Under Paragraph 71 of the Settlement, electric vehicles ("EVs") are exempt from the requirements of the Pilot Program.

Q. PLEASE EXPLAIN THE DER SETTLEMENT'S PROVISION ABOUT THE DATA ON PROGRAM PERFORMANCE TO BE PROVIDED TO SEF.

A. PPL Electric must provide SEF with anonymized data within 30 days after the completion of each program year. This data includes raw meter readings, such as delivered kWh, received kWh, and RMS voltage, recorded at 15-minute intervals. Additionally, the Company provides anonymized participant DER management data, encompassing 15-minute inverter statistics, like kW and voltage.

Q. WHEN DID THE COMPANY'S PILOT PROGRAM START?

A. The Pilot Program began on January 1, 2021, and all applications since have been broken into five different groups: (1) Control Group 1 ("CG1"); (2) Control Group 2 ("CG2"); (3) Control Group 1 and 2 ("CG12"); (4) Actively Managed ("AM"); and Grandfathered Group ("GF"). Control Group 1 is filled with customers on the 75 select feeders. To date, customers who apply on any of these 75 feeders are still added to CG1. Control Group 2 consists of the first 1,000 installed DERs after the Pilot Program began. The Company hit 1,000 new DERs on March 21, 2022. Some customers fall into both CG1 and CG2 because they were a part of the 1,000 new DERs but were installed on the 75 select feeders included in CG1. For tracking purposes, PPL Electric includes those customers in CG12. Program Year 1 began on March 22, 2022, and all DER interconnection applicants since that date have been included in the AM Group if they have received a DER Management device.

Q. WHEN IS THE COMPANY'S PILOT PROGRAM SET TO CONCLUDE?

A. As noted previously, the Pilot Program is set to end on March 21, 2025.

Q. HAS THE COMPANY SEEN BENEFITS FROM PROACTIVELY IMPLEMENTING THE SMART INVERTER REQUIREMENTS AND WITH DEPLOYING ITS PILOT PROGRAM?

A. Absolutely. During the life of the Pilot Program, PPL Electric has documented multiple benefits to customers as a result of monitoring and actively managing DERs. Monitoring DER outputs such as real power has proven beneficial to improving planning model accuracy, which increases hosting capacity and reduces costs of interconnections for customers. Monitoring real power output is also critical for real time operation of the grid. Visibility to DER output in real time enables operators to make better decisions during switching events and avoid longer outages, as explained by Cody M. Davis in his direct testimony (PPL Electric Statement No. 3). Active management of DERs has also proven to be beneficial to improving power quality, increasing hosting capacity, and reducing costs to customers. For example, as detailed in Mr. Davis's testimony (PPL Electric Statement No. 3), actively managing power factor settings enables PPL Electric to better manage voltage levels, provide better power quality to customers, defer system investments (thereby reducing costs to customers), and increase hosting capacity.

Q. BASED ON THOSE SUCCESSES, IS THE COMPANY PROPOSING TO CONTINUE INSTALLING DER MANAGEMENT DEVICES AND MONITORING AND MANAGING DERS?

A. Yes. Under the Company's Second DER Management Plan, the Company is proposing to continue installing DER Management devices and actively monitoring and managing DERs. Further, as set forth in the following section of my testimony, PPL Electric is making some proposals to expand and build on the Pilot Program's successes.

C. OVERVIEW OF THE SECOND DER MANAGEMENT PLAN

Q. WOULD YOU PLEASE PROVIDE DETAILS ON THE COMPANY'S SECOND DER MANAGEMENT PLAN?

A. PPL Electric's Second DER Management Plan will enable the Company to continue to integrate, monitor, and manage DER resources throughout PPL Electric's service territory. As proposed, PPL Electric's Second DER Management Plan will require that all customer-owned and third party-owned, inverter-based DER system installations be equipped with DER Management devices so that the Company can monitor and manage the DERs. Complete details of the Second DER Management Plan's requirements are set forth in the Second DER Management Plan (see PPL Electric Exhibit SS-1) and the Company's proposed modifications to Tariff Rule 12 (see PPL Electric Exhibit SS-2), both of which are attached to my direct testimony. The Second DER Management Plan would become effective on March 22, 2025, *i.e.*, the day after the Pilot Program ends on March 21, 2025.

In addition, the Second DER Management Plan would expand on the Pilot Program by authorizing PPL Electric to: (1) actively monitor and manage the smart inverter settings

on all DERs that are in the Pilot Program's control groups; (2) utilize the Volt/Watt functionality, with customer consent, when the interconnecting DER could create a localized high voltage issue on the distribution system at the time of interconnection, which would not be resolved by the Volt/VAR or Constant Power Factor grid support functions[2]; and (3) make the Pilot Program permanent. As such, provisions in the Settlement that limit the scope of the Pilot Program's requirements, such as the annual cap of 3,000 DER Management devices, would be eliminated. Moreover, the Company proposes to install DER Management devices on: (1) solar photovoltaic systems interconnected before the Pilot Program started on January 1, 2021; and (2) inverter-based DERs interconnected after the Pilot Program started without DER Management devices installed on them.[3]

These proposals are necessary and appropriate because they will help PPL Electric fully realize the benefits of actively monitoring and managing DERs. As demonstrated by the Pilot Program, the Company can leverage the smart inverters' grid support functions to improve safety, reliability and resiliency, reduce interconnection costs for DER interconnection applicants (*e.g.*, avoidance of paying for distribution system upgrades), mitigate the impact of DERs on the distribution system, and increase the distribution circuits' hosting capacity by monitoring and managing DERs in the service territory.

Also, I am advised by counsel that the Company no longer requires the waivers of the Commission's regulations that PPL Electric received in the First DER Management

[2] Such customer consent will be required because the Volt/Watt functionality will affect the generating facility's production.

[3] As proposed in PPL Electric Exhibit SS-2, customer-generators with these systems must submit a new interconnection application when they upgrade their system, install a new inverter on their system, or by March 22, 2040, whichever is earlier. The DER Management devices will be installed on those systems after their new interconnection applications are approved as compliant with the Company's current requirements for DERs and inverters and after their systems are installed and inspected.

Plan proceeding because the IEEE and UL standards that the Company proactively implemented have since been automatically incorporated into the Commission's regulations by reference. Counsel advises me, however, that the Company still needs Commission approval under 52 Pa. Code § 75.13(k) to require the installation of the DER Management devices for interconnecting customer-generators.

Q. WHAT ARE SMART INVERTERS?

A. Inverters are devices that convert the direct current ("DC") power produced by solar panels into the alternating current ("AC") power transported on the electric distribution system for use in homes and businesses. Smart inverters[4] provide additional functionality to standard inverters.

Q. WHAT CAPABILITIES DO THESE SMART INVERTERS POSSESS?

A. Smart inverters are equipped with many grid support functions, including: (1) Constant Power Factor, Volt/VAR, Volt/Watt, and Reactive Power; (2) Frequency/Watt; (3) Voltage and Frequency Ride-through; and (4) Remote ON/OFF capability. This functionality allows the DERs that utilize smart inverters to operate in "sync" with the distribution system, thereby reducing power quality issues and maximizing potential DER output and operability. Smart inverters are also used in battery (energy storage) systems, electric vehicle chargers, and any other technologies that use DC power.

[4] The term "smart inverter" means an "inverter that performs functions that, when activated, can autonomously contribute to grid support during excursions from normal operating voltage and frequency system conditions by providing: dynamic reactive/real power support, voltage and frequency ride-through, ramp rate controls, communication systems with ability to accept external commands and other functions." PG&E Rule 21 Interconnection Tariff, *available at* http://www.cpuc.ca.gov/General.aspx?id=5071.

Q. WHAT DER MANAGEMENT DEVICES DOES THE COMPANY PLAN TO UTILIZE UNDER ITS SECOND DER MANAGEMENT PLAN?

A. PPL Electric currently relies on three different DER Management devices: (1) the Smart Collar and Dongle device; (2) the Bridge device; and (3) the Cellular Gateway device. The Company would continue to use those DER Management devices. However, as discussed in Ms. Dombrowski-Diamond's direct testimony (PPL Electric Statement No. 2), the Company continues to address new technologies (including new inverters), address particular types of DER setups and configurations, improve on the existing devices, and improve overall customer experience. Therefore, although PPL Electric has multiple DER Management devices that can be used, PPL Electric needs the flexibility to develop and deploy new types of DER Management devices under its Second DER Management Plan, so that the Company can properly respond to developments in the DER market.

Q. HOW MANY DERS ARE CURRENTLY INTERCONNECTED WITH PPL ELECTRIC'S DISTRIBUTION SYSTEM?

A. There are 26,243 DERs currently interconnected with PPL Electric's distribution system as of April 30, 2024. Since the Pilot Program started, PPL Electric has received 19,464 interconnection applications, of which 7,418 have been included in the Pilot Program and have a DER Management device installed.

Q. HOW MANY DER INTERCONNECTION APPLICATIONS DOES PPL ELECTRIC RECEIVE EACH YEAR?

A. Since January 1, 2021, PPL Electric has received an average of 5,839 applications per year. By comparison, back when PPL Electric filed its Petition for approval of its First DER Management Plan in 2019, the Company received on average between 1,000 and 1,500 DER interconnection applications per year, which shows the substantial rise of DER interconnection applications over approximately the last five years.

Q. DOES THE COMPANY EXPECT THE NUMBER OF DERS INTERCONNECTED WITH ITS DISTRIBUTION SYSTEM TO INCREASE IN THE FUTURE?

A. Yes.

Q. PLEASE EXPLAIN.

A. PPL Electric continues to project a substantial increase in DER interconnection applications in the future based upon historic trends of renewable interconnections throughout Pennsylvania, projected incentives to encourage installations to reduce carbon emissions and combat climate change, and the increasing affordability and efficiency of DERs. In fact, there are financial incentives, legislative changes, political efforts, and PPL Electric initiatives all supporting that conclusion.

Q. CAN YOU PROVIDE SOME EXAMPLES?

A. Yes. In November 2018, the Pennsylvania Department of Environmental Protection ("DEP") released its Pennsylvania's Solar Future Plan ("PSFP").[5] The PSFP considers various opportunities for Pennsylvania residents and businesses to capitalize on the technical and economic potential of solar electric generation from distributed generation systems and utility-scale solar PV farms. One key proposal of the PSFP is to "[a]ccelerate use of smart inverters to manage over-voltage concerns on low voltage distribution lines and avoid unnecessarily adding costs on small solar distributed generation projects."[6] Additionally, the PSFP modeled various scenarios that investigated the viability of increasing the state's solar obligation from 0.5% in 2021 to 10% by 2030 – amounting to an estimated 11 gigawatts of new solar generation.[7]

Additionally, in October of 2017, Governor Wolf signed Act 40[8] into law, which effectively closed Pennsylvania's borders to solar renewable energy credits ("SRECs") generated from solar facilities outside of the Commonwealth. This has supported the development of solar facilities within the Commonwealth because EDCs and electric

[5] Pennsylvania's Solar Future Plan, Pennsylvania Department of Environmental Protection (Nov. 2018), *available at* http://www.depgreenport.state.pa.us/elibrary/GetDocument?docId=1413595&DocName=PENNSYLVANIA%26%2339%3bS%20SOLAR%20FUTURE%20PLAN.PDF%20%20%3cspan%20style%3D%22color:blue%3b%22%3e%28NEW%29%3c/span%3e.

[6] PSFP at xiv.

[7] PSFP at xvi.

[8] Act 40 of 2017, H.B. 118, 2017 Pa. Laws 40; *see also Implementation of Act 40 of 2017*, Docket No. M-2017-2631527 (Order entered May 3, 2018), *reconsideration granted in part and denied in part*, Docket No. M-2017-2631527, 2018 Pa. PUC LEXIS 276 (Order entered Aug. 2, 2018).

generation suppliers ("EGSs") must now fulfill their AEPS Act solar obligations from the generation of solar energy within the Commonwealth.

The projected increased installation of DERs is further supported by the Commission's "*Electric Power Outlook for Pennsylvania 2022-2027*,"[9] which states on pages 9-10 that the following changes to the "generation resource mix continues to change and have potential impacts for reliability" of electric service:

- Reliable Interconnection of Inverter-Based Resources: Reliably integrating inverter-based resources (IBR), which include most solar and wind generation, onto the grid is paramount. Over 70% of the new generation in development for connecting to the [Bulk Power System ("BPS")] over the next 10 years is solar, wind, and hybrid (a generating source combined with a battery). Note that the regional transmission operator (RTO) that serves Pennsylvania, PJM Interconnection, LLC (PJM), has developed a white paper outlining some risks with high penetration of IBR if proper planning and study are not undertaken.

- Accommodating Large Amounts of Distributed Energy Resources (DER): Preparing the grid to operate with increasing levels of distribution resources must also be a priority in many areas. Solar photovoltaic (PV) DERs are projected to reach over 80 GW by the end of the [Long-Term Reliability Assessment ("LTRA")] 10-year assessment, a 25% increase in projection since [North American Electric Reliability Corporation's ("NERC")] 2021 LTRA. A total of 12 assessment areas project to double the amount of DERs in their areas by 2032.[10]

PPL Electric also has been proactively preparing for increasing DER interconnections. The Company actively engaged in assessing and understanding the impact of DER development through its Keystone Solar Future Project ("KSFP") and

[9] Pennsylvania Public Utility Commission, "*Electric Power Outlook for Pennsylvania 2022-2027*" (August 2023), *available at* https://www.puc.pa.gov/media/2527/electric-power-outlook-for-pennsylvania-2022-2027-8-29-2023-final-draft-with-covers.pdf.

[10] *Id.* at 9-10 (emphasis added) (footnote omitted).

received a grant of over $3 million for this program from the U.S. Department of Energy's ("DOE") Office of Energy Efficiency and Renewable Energy through its Sunshot Initiative in August 2017. The objective of the project was to gain greater insights into operational and technical impacts on the distribution system as increasing amounts of customer-owned and third party-owned solar generation are integrated into the existing distribution system. As a part of the KSFP, the Company developed and implemented a Distributed Generation ("DG") Portal, a web-based tool for rapid review of customer-owned DG applications.

Further, in July 2019, PPL Electric upgraded its Distribution Management System ("DMS") to an ADMS and developed a Distribution Energy Resource Management System ("DERMS") to gather DER data, provide DER system forecast capabilities, and provide DER management capabilities.

Additionally, the Company requested Commission approval of its First DER Management Plan on May 24, 2019, and received such approval on December 17, 2020. Since that time, PPL Electric has seen substantial increases in DER deployments in its service territory and fostered innovation and development of the DER market.

In addition, on September 17, 2020, the Federal Energy Regulatory Commission ("FERC") issued Order No. 2222 at Docket No. RM18-9-000, which "remove[d] barriers to the participation of distributed energy resource aggregations in the Regional Transmission (RTO) and Independent System Operator (ISO) markets (RTO/ISO

markets)."[11] The ability for aggregated DERs on the distribution system to participate in the wholesale markets may bolster interconnections in the Company's service territory.[12]

In light of these financial incentives, legislative changes, policy initiatives, and Company efforts, PPL Electric continues to project a substantial rise in the number of DER interconnection applications in the future based upon historic trends of renewable interconnections throughout Pennsylvania, projected incentives to encourage installations to reduce carbon emissions, and the increasing affordability and efficiency of DER technology. As explained previously, there are several activities – some promulgated by the market, some by government entities, and others by PPL Electric itself – to enhance and prepare for the future development of DERs within Pennsylvania. Efforts such as these demonstrate opportunities to increase DER installations within the Commonwealth.

Q. WHY IS THE COMPANY PROPOSING ITS SECOND DER MANAGEMENT PLAN?

A. PPL Electric is proposing its Second DER Management Plan because it will provide significant benefits to the Company, its customers, and the Commonwealth of Pennsylvania. Indeed, the Second DER Management Plan will enable PPL Electric to:

[11] *See Participation of Distributed Energy Res. Aggregations in Markets Operated by Reg'l Transmission Orgs. & Indep. Sys. Operators*, 172 FERC ¶ 61,247 (Sept. 17, 2020) ("FERC Order No. 2222"), *on reh'g*, *Participation of Distributed Energy Res. Aggregations in Markets Operated by Reg'l Transmission Orgs. & Indep. Sys. Operators*, 2021 FERC LEXIS 360 (Mar. 18, 2021) ("FERC Order No. 2222-A"), *on reh'g*, *Participation of Distributed Energy Res. Aggregations in Markets Operated by Reg'l Transmission Orgs. & Indep. Sys. Operators*, 2021 FERC LEXIS 887 (June 17, 2021) ("FERC Order No. 2222-B").

[12] FERC Order No. 2222 also authorizes electric distribution utilities, such as PPL Electric, to "override RTO/ISO dispatch of a distributed energy resource aggregation in circumstances where such override is needed to maintain the reliable and safe operation of the distribution system." FERC Order No. 2222, 172 FERC ¶ 61,247, P310.

1. Facilitate and encourage the increased deployment of DERs in its service territory by reducing interconnection costs for customers installing DERs and increasing hosting capacity on distribution circuits[13];

2. Improve the safety, reliability, adequacy, and resiliency of its distribution service by gaining visibility into the DERs' impacts on the distribution system and actively leveraging the grid support functions of the DERs' smart inverters;

3. Improve distribution system operation and planning by eliminating "hidden load"[14] at DER points of interconnection; and

4. Reduce the Company's capital costs and operation and maintenance expenses that are passed onto ratepayers by, among other things, remotely managing the DERs' voltage support functions to mitigate voltage violations on distribution circuits, which decreases system upgrades as well as costs to manually address voltage violations (*e.g.*, reduction in the number of truck rolls).

The Pilot Program has improved the reliability and performance of the distribution system, increased DER hosting capacity, reduced interconnection costs for interconnection applicants, and facilitated the interconnection of more DERs, all without materially affecting the generation of participating DERs.[15]

In addition, PPL Electric has seen significant, cost-effective benefits from monitoring and actively managing DERs. Based on the data gathered through Program Year 2, PPL Electric's Pilot Program has reduced the Company's operation and

[13] "Hosting capacity is the amount of [distributed photovoltaic systems ('DPV')] that can be added to distribution system before control changes or system upgrades are required to safely and reliably integrate additional DPV." Advanced Hosting Capacity Analysis, NREL, *available at* https://www.nrel.gov/solar/market-research-analysis/advanced-hosting-capacity-analysis.html.

[14] As explained in Cody M. Davis's direct testimony (PPL Electric Statement No. 3), "hidden load" is the amount of load that is present on a circuit but not measured at telemetry points (e.g., the feeder circuit breaker) because the energy is being provided by local downstream DERs. The amount of load measured by distribution equipment is often referred to as the "net" load, and the total amount of load operating on the feeder (including the amount offset by DER production) is the "native" load, with "hidden" load in a given interval as the difference between the two.

[15] As explained in the direct testimony of Cody M. Davis (PPL Electric Statement No. 3), PPL Electric uses monitored real and reactive power data to calculate the amount of customer energy generation lost as a result of the operation of Volt/VAR curves for each customer in the Pilot Program. The average annual energy losses are generally less than 10 kWh.

maintenance expenses by approximately $15.33 million and the Company's capital expenditures by approximately $6.60 million.[16] When compared to the $128,000 of operation and maintenance expenses and $6.38 million of capital costs that the Pilot Program has cost as of the end of Program Year 2, the Pilot Program has produced substantial benefits compared to its costs. Furthermore, PPL Electric's continued learning and adaptations have resulted in additional program efficiencies related to the overall cost of the DER Management device installation and provisioning. PPL Electric has submitted its Second DER Management Plan to continue and expand on these achievements.

Q. WHAT ARE THE CONSEQUENCES IF THE COMMISSION WERE TO NOT APPROVE THE COMPANY'S SECOND DER MANAGEMENT PLAN?

A. The Commission's denial of this Petition will adversely affect PPL Electric, the Company's distribution system, PPL Electric's customers, and the Commonwealth. By denying the instant Petition, all of the benefits produced by the First DER Management Plan, including reduced capital costs and operation and maintenance expenses, increased hosting capacity for DERs on distribution circuits, and reduced interconnection costs for DER applicants, would be lost. Those lost benefits would put upward pressure on PPL Electric's distribution rates and increase the costs for DER applicants to interconnect their DERs with the distribution system. Therefore, such an outcome would harm customers with and

[16] Further, the Pilot Program has increased hosting capacity by an estimated 29 MW. If that additional 29 MW were fully utilized as of March 21, 2024, it would have produced additional generation and reduced distribution and transmission losses valued at approximately $4.57 million.

without DERs in the Company's service territory and potentially discourage DER development.

In addition, denial of the Petition would negatively impact PPL Electric's distribution system and, by extension, its ability to provide safe, reliable, adequate, affordable, and reasonable service as required by Section 1501 of the Public Utility Code. As set forth in Dr. Karen Miu's direct testimony (see PPL Electric Statement No. 8), PPL Electric currently experiences voltage issues and two-way power flows on its distribution system due to the current level of DER interconnections. Meanwhile, Dr. Elizabeth Cook explains in her direct testimony that such interconnections are only projected to increase (see PPL Electric Statement No. 6), which will compound those issues.

Although PPL Electric's First DER Management Plan has been successful in limiting the impact and resolving many of those issues (see PPL Electric Statement No. 3, the Direct Testimony of Cody M. Davis), the Commission's denial of this Petition will exacerbate those issues and prevent the Company and its customers from fully realizing the benefits of DERs on the grid. For example, PPL Electric would lose the ability to use the actively managed DERs to help mitigate the duration and frequency of voltage violations on its distribution system, which would negatively affect the adequacy of the Company's service (*e.g.*, voltage) and increase the Company's operation and maintenance expenses to manually respond to voltage violations by rolling trucks to the violations' locations. The Company also would not be able to increase distribution circuits' hosting capacity, thereby leading to interconnection applicants having to pay for distribution system upgrades and potentially discouraging DER development.

In addition, PPL Electric would lose the capability to use smart inverters' Remote On/Off function to shut off DERs that fail to shut off on their own when there is an emergency, potentially placing Company personnel, first responders, and the public at risk.

Lastly, as explained in the Direct Testimony of Reigh A. Walling, Dr. Elizabeth Cook, Lee Krevat, and Dr. Karen Miu (PPL Electric Statement Nos. 4, 6, 7, and 8, respectively) distribution utilities need to get ahead of the challenges presented by DERs on their distribution systems before too many DERs without monitoring and management capabilities are deployed. If the Commission were to deny PPL Electric's Petition, the Company would be prevented from proactively tackling the issues presented by DERs and, instead, forced to invest in costly distribution system upgrades to resolve those issues.

D. THE COMPANY'S PROPOSED TARIFF MODIFICATIONS

Q. PLEASE DESCRIBE THE TARIFF MODIFICATIONS THAT PPL ELECTRIC IS PROPOSING IN THIS PROCEEDING.

A. As noted previously, attached to my direct testimony as PPL Electric Exhibit SS-2 is a *pro forma* tariff supplement setting forth the Company's proposed modifications to Tariff Rule 12, which would apply, subject to Commission approval, beginning March 22, 2025 (*i.e.*, after the end of the Pilot Program). These modifications are consistent with and incorporate the provisions set forth in the Company's Second DER Management Plan (see PPL Electric Exhibit SS-1). The proposed tariff modifications should be approved so that the Company can implement the Second DER Management Plan, which, as explained previously, is designed to produce several benefits and enable the Company to facilitate and encourage

the deployment of DERs while continuing to provide safe, reliable, adequate, and reasonable service.

E. SUMMARY OF COMMISSION APPROVALS REQUESTED BY PPL ELECTRIC

Q. PLEASE DESCRIBE THE COMMISSION APPROVALS THAT THE COMPANY IS REQUESTING IN THIS PROCEEDING.

A. To implement the Company's Second DER Management Plan, the Company is requesting approval to require the installation of DER Management devices for all new DERs that apply to interconnect to its distribution system. Specifically, Section 75.13(k) states, in pertinent part, that "[t]he EDC and DSP may not require additional equipment or insurance or impose any other requirement unless the additional equipment, insurance or other requirement is specifically authorized under this chapter or by order of the Commission." 52 Pa. Code § 75.13(k). Here, the Company will continue to require new customer-generators to install additional equipment (*i.e.*, the DER management device) and impose additional requirements (*e.g.*, that the customer-generator allow PPL Electric to monitor and manage the DER and that the DER utilize a standardized, non-proprietary communications protocol specified by the utility) that are not specifically authorized under Chapter 75 or a Commission order. Therefore, I have been advised by counsel that PPL Electric has requested approval pursuant to Section 75.13(k), which is necessary to implement the Second DER Management Plan.

In addition, as noted in the previous section, PPL Electric is requesting Commission approval of modifications to Rule 12 of its Tariff.

Q. IS THE COMPANY PROPOSING ANY WAIVERS OF REGULATIONS IN THIS PROCEEDING?

A. No. I have been advised by counsel that unlike with the First DER Management Plan, the Company no longer requires the waivers of the Commission's regulations that it received in the First DER Management Plan proceeding because the updated IEEE and UL standards that the Company proactively implemented have since been automatically incorporated into the Commission's regulations by reference. *See* 52 Pa. Code § 75.22 (defining "Certified" as "(i) IEEE Standard 1547, 'Standard for Interconnecting Distributed Resources with Electric Power Systems,' as amended and supplemented" and "(ii) UL Standard 1741, 'Inverters, Converters and Controllers for use in Independent Power Systems' (January 2001), as amended and supplemented") (emphasis added). However, to the extent there are additional approvals or authorizations that the Commission deems are necessary to implement the Second DER Management Plan, PPL Electric is requesting such approvals and authorizations.

F. THE SECOND DER MANAGEMENT PLAN'S ABILITY TO LEVERAGE THE COMPANY'S PRIOR INVESTMENTS, EXISTING TECHNOLOGIES, AND INNOVATION

Q. COULD YOU PLEASE EXPLAIN HOW THE SECOND DER MANAGEMENT PETITION WILL LEVERAGE THE COMPANY'S PREVIOUS INVESTMENTS AND EXISTING TECHNOLOGIES?

A. PPL Electric is uniquely positioned to implement this Second DER Management Plan due to its ability to take advantage of prior investments and existing technologies implemented by the Company. To successfully facilitate increased levels of DER deployments, PPL

Electric needs the ability to monitor and manage the DER assets, which requires a communications link with a distribution management system ("DMS"). Here, PPL Electric has already deployed an industry leading DMS that is prepared to be utilized as a link with customers' DERs. Further, enabling DERs to interconnect and integrate seamlessly with the grid requires implementing a DERMS, which is a grid control optimization system. The DERMS platform incorporates DERs and offers functionality such as Volt/VAR optimization (VVO), power quality management, and DER coordination to support operational needs. PPL Electric developed a DERMS that became operational in October 2019. Because the DERMS provides grid operators with the capability to monitor and manage DER assets, PPL Electric was prepared to implement and execute the First DER Management Plan and is prepared to implement and execute the Second DER Management Plan.

In addition, as explained previously, PPL Electric plans to use its existing RF Mesh network as part of its Second DER Management Plan. The RF Mesh network was deployed in accordance with the Company's Commission-approved Smart Meter Plan, Act 129 of 2008, and the Commission's related orders. By taking advantage of the existing RF Mesh network, the Company has expanded the benefits of the investments in its network that have been paid for by ratepayers. Leveraging investments already made by PPL Electric, such as DERMS and the RF Mesh network, places PPL Electric in a prime position to monitor and manage DERs and implement the Second DER Management Plan.

PPL Electric also integrated DERMS with its Advanced Distribution Management System ("ADMS"). ADMS includes a common graphical user interface that combines distribution management system functions for control room operations, outage

management, SCADA, distributed energy resource management, and Volt/VAR optimization. DERMS and ADMS leverage the same network model and power flow to validate DER dispatch schedules, which enables PPL Electric to better manage the grid complexity that come from increased levels of DER deployments.

Thus, PPL Electric is appropriately and uniquely prepared to successfully execute the Second DER Management Plan.

Q. ARE THERE OTHER REASONS WHY PPL ELECTRIC IS WELL-POSITIONED TO IMPLEMENT THE SECOND DER MANAGEMENT PLAN?

A. Yes. Foremost, PPL Electric's successes under the Pilot Program will enable the Company to implement the Second DER Management Plan. In addition, PPL Electric has a proven track record of being a successful innovator in the utility industry, particularly in the areas of DERs, distribution system automation, and grid modernization. For example, the Smart Electric Power Alliance ("SEPA") named PPL Electric as the Investor-Owned Utility of the Year for 2019 due to the Company's development of the DERMS. Furthermore, in 2022, PPL Electric won the SEE Awards 2022 Environmental Champion Utility by Escalent and the POWER Magazine Award for smart grid. In 2023, the Company wont the *Public Utilities Fortnightly* 2023 Charles Steinmetz Top Innovator Award in Grid Operations for distribution operations grid automation. Therefore, PPL Electric is well-positioned to build upon its past successes and implement the DER Management proposal.

Q. DOES THIS CONCLUDE YOUR DIRECT TESTIMONY AT THIS TIME?

A. Yes, although I reserve the right to supplement my direct testimony.

PPL Electric Exhibit SS-1

Second DER Management Plan

Dated: May 20, 2024

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I. INTRODUCTION

This document describes PPL Electric Utilities Corporation's ("PPL Electric" or the "Company") Second Distributed Energy Resource ("DER") Management Plan ("Plan") that is set to commence on March 22, 2025, and explains how the Company will implement and conduct the Plan, including the goals of the Plan, the Plan's requirements, including requirements set forth in Rule 12 of the Company's tariff, the methods by which PPL Electric will communicate the Plan's requirements to customers and DER installers, and any additional information PPL Electric believes is necessary to be included to facilitate the implementation of the Plan.

By way of background, many utilities have experienced operations and planning challenges as DER penetration becomes increasingly significant. These challenges include, but are not limited to, voltage swings, masked or hidden load, limited hosting capacity, planning uncertainties, and protection/operational challenges with two-way power flow. As a response to these challenges, the Institute of Electrical and Electronics Engineers ("IEEE") made revisions to Standard 1547 in 2018 ("IEEE 1547-2018"), which set forth requirements for smart inverters that can help support the distribution system. When these smart inverters are coupled with DER Management devices, electric utilities can monitor and manage DERs interconnected with their distribution systems.

On May 24, 2019, PPL Electric filed a Petition with the Commission for permission to require smart inverters that meet the new IEEE and Underwriters Laboratories ("UL") standards, to install DER Management devices on new DERs interconnected with its distribution system, and to monitor and manage those new DERs. Ultimately, the parties filed a Joint Petition for Settlement of All Issues ("Settlement") approved by the Pennsylvania Public Utility Commission ("Commission") on December 17, 2020, at Docket No. P-2019-3010128, which permitted the Company to conduct a DER Management Pilot Program ("Pilot Program") to test and evaluate the costs and benefits of monitoring and managing DERs. The Pilot Program commenced on January

1, 2021, and is set to continue through March 21, 2025. Also, Paragraph 62 of the Settlement provided that within 60 days after the end of Program Year 2 of the Pilot Program, which concluded on March 21, 2024, PPL Electric can file a Petition to: (a) extend the program and make such other changes to the program as the Company may request; (b) continue installing the DER Management devices on new DERs in its service territory; and/or (c) authorize the Company to remotely and actively manage (i) the DERs that were in the Pilot Program's control groups, (ii) the DERs that have enrolled and will enroll in the program, and (iii) any new DERs that will interconnect with the Company's distribution system after the program concludes. This Plan is being submitted as part of such Petition and outlines the requirements under its Second DER Management Plan and how those requirements will be implemented.

II. SECOND DER MANAGEMENT PLAN

PPL Electric's Second DER Management Plan will require that all customer-owned and third party-owned, inverter-based DER system installations be equipped with DER Management devices so that the Company can monitor and manage the DERs. Figure 1 is a graphic overview of the Plan, beginning with a PPL Electric customer filing an application to interconnect a DER with the Company's distribution system. Approved DER interconnection applications will receive a DER Management device.

Figure 1- Plan Overview

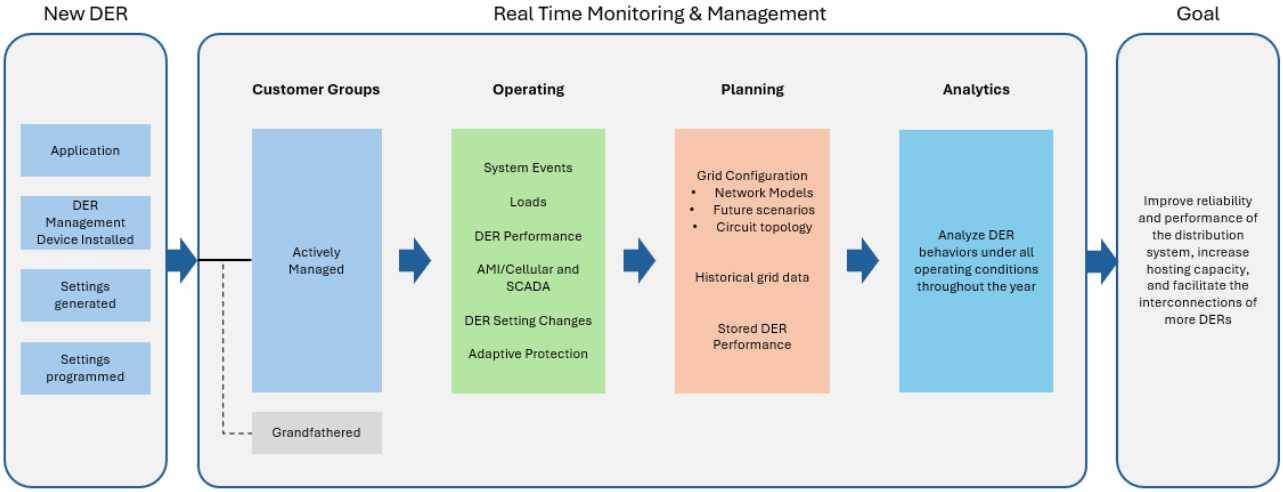

A. DER CUSTOMER GROUPS

For purposes of the Pilot Program, PPL Electric identified four different DER customer groups: (1) Grandfathered Group, (2) Control Group 1, (3) Control Group 2, and (4) Actively Managed Group. DER customers who were in the Grandfathered Group were not required to comply with the new interconnection requirements in the operations and maintenance of their DER installation. As such, PPL Electric collected information continuously on the distribution system, including the circuits that hosted these DER customers, but there was no direct monitoring or active management of DER installations in this group. DER customers in Control Groups 1 and 2 received DER Management devices but were interconnected in monitoring mode and were operated with autonomous grid support functions only. DER customers in the Actively Managed Group received DER Management devices, and the Company was permitted to actively manage the grid support functions of the DER inverters in this group using the DER Management devices and the Company's Distributed Energy Resources Management System ("DERMS").

As of the effective date of this Plan, all DER customers in Control Groups 1 and 2 will be converted to the Actively Managed Group. Moreover, the Company will install DER Management devices on: (1) solar photovoltaic systems interconnected before the Pilot Program started on

January 1, 2021; and (2) inverter-based DERs interconnected after the Pilot Program started without DER Management devices installed on them. Customer-generators with these systems must submit a new interconnection application when they upgrade their system, install a new inverter on their system, or by March 22, 2040, whichever is earlier. The DER Management devices will be installed on those systems after their new interconnection applications are approved as compliant with the Company's current requirements for DERs and inverters and after their systems are installed and inspected. These DERs will be a part of the Actively Managed Group.

B. COMPONENTS AND ARCHITECTURE

Several components will be used as part of the Plan to process the DER interconnections and monitor and manage the DERs under the Plan. The Company's DER Management Advanced Metering Infrastructure ("AMI") Architecture and DER Management Cellular Architecture are set forth in Figures 2a and 2b below, respectively, and outline how the Company will interconnect the DERs to the system, communicate to DER Management devices, receive and integrate operational feedback from DERs for system analysis, calculate dynamic operation settings for DERs, and manage settings changes as needed.

Figure 2a - DER Management AMI Architecture

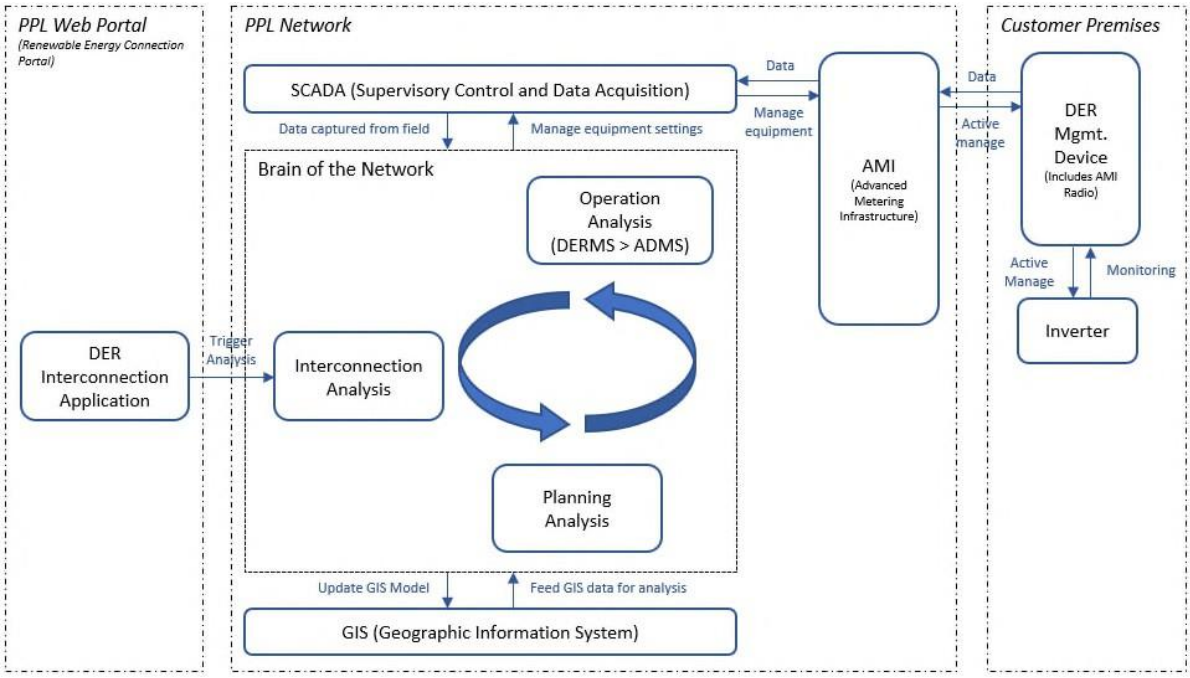

Figure 2b – DER Management Cellular Architecture

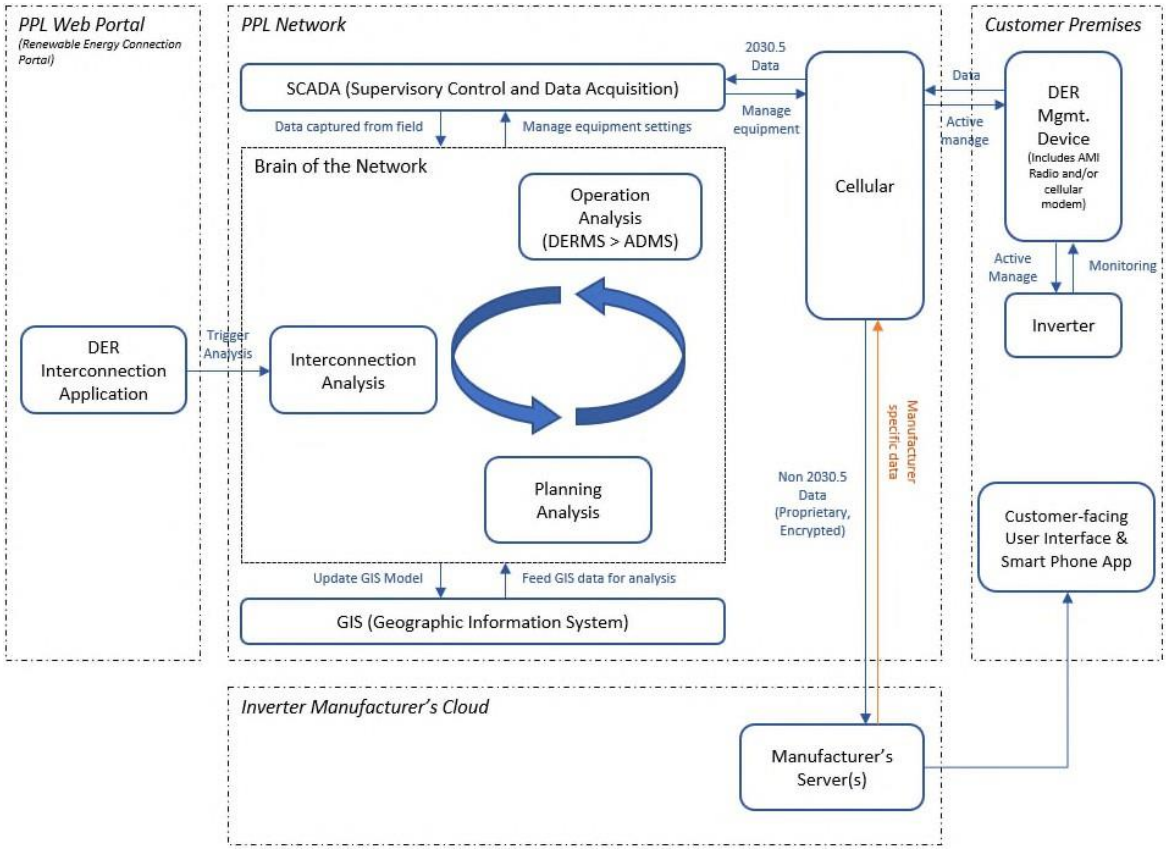

The components in the architecture are:

- DER Interconnection Application: Interconnection applications are submitted through a customer facing portal on PPL Electric's website. The portal allows for work orders to be generated and for customer and inverter data to pass automatically to the Company's Geographic Information System ("GIS").
- Interconnection Analysis: The technical analysis process by which PPL Electric reviews the proposed interconnection against its requirements, determines if upgrades are required to the PPL Electric system, and, when satisfied, provides approval for installation.
- Planning Analysis: The routine technical analysis PPL Electric uses to determine whether additional system upgrades are required to address capacity, voltage, or reliability needs on the distribution system. The planning process uses data from the Supervisory Control and Data Acquisition ("SCADA") system and GIS, among other systems.
- Distributed Energy Resource Management System ("DERMS"): A centralized system responsible for DER management; DERMS is a suite of programs, including Load and Volt/VAR Management ("LVM"), within Advanced Distribution Management System ("ADMS"). ADMS will be used for DER monitoring and management during the Plan.
- Geographic Information System: A database providing the equipment, asset data, and locations of the equipment on the distribution system.
- Supervisory Control and Data Acquisition: In addition to the data that is already collected by PPL Electric's SCADA system, this system captures the data from the inverters through the AMI mesh network or a cellular connection and provides it to DERMS, and then subsequently into ADMS. Additionally, SCADA data is stored and

available historically.

- AMI Mesh Network: The communication pathway that was originally created for the Company's AMI meters that is now being used for DER communication as well. It facilitates data exchange with SCADA via the AMI head-end system and with the individual DERs via the AMI radios located within the DER Management devices.
- Cellular Network: The communication pathway that facilitates data exchange with SCADA via PPL Electric's cellular head-end servers and with the individual DERs via the cellular modem located within the DER Management devices.
- DER Management Device: Featuring an AMI radio or cellular modem, this device connects to the DER's local communication interface, enabling monitoring and management of the DER through the existing AMI mesh network or cellular connection. This device allows PPL Electric to remotely monitor the attributes and performance of the DER and manage its grid support settings as needed. In situations where DER systems require additional communication equipment to support the Company's renewable energy connection requirements/interconnection requirements, the DER Management device setup may include additional hardware. An example of this type of hardware is the SMA Data Manager.

C. DER INVERTERS

1. Inverter Requirements

DERs interconnecting with the Company's distribution system shall comply with IEEE 1547-2018 and be certified to UL 1741 Supplement B ("UL 1741 SB"). PPL Electric will continue to test and approve smart inverters for use in the Company's territory. The Company will also test the inverters to ensure that they are compatible with PPL Electric's DER Management devices and can be safely and reliably utilized in the field together. The Company will strive to perform its

inverter testing expeditiously so that DER interconnections are not unreasonably delayed. Equipment (e.g., DER inverters) must undergo PPL Electric's review process to be eligible for Plan participation.

If the Company does not have a DER Management device that is available or compatible with the proposed DER inverter set forth in an interconnection application, the Company may, in its sole discretion, approve the interconnection application, provided that the interconnection application and proposed DER meet all of the other requirements under the Commission's regulations and Rule 12 of PPL Electric's tariff. The Company will then install a DER Management device on such DERs once a compatible DER Management device becomes available.

2. Approved List of Smart Inverters

The Approved List of Smart Inverters that meet the Company's applicable requirements are publicly available and will be regularly updated on the Company's website.[1] If a customer or installer would like to use an inverter not on the approved inverter list, they must follow PPL Electric's inverter review process.

3. Inverter Testing and Review Process

PPL Electric follows a streamlined process for testing new inverters requesting approval.

First, the inverter manufacturer must provide proof that the inverter is UL 1741 SB certified and has a dedicated local communication interface available for testing. The inverter manufacturer also must provide technical information on its inverter model, including, but not limited to, the inverter's communication protocol, data models, and configuration profiles. The Company will also obtain a test model of the inverter for PPL Electric's testing lab or will work with the DER

[1] https://www.pplelectric.com/-/media/PPLElectric/At-Your-Service/Docs/REMSI/Metering-Equipment-Tables/PPL-EU-Smart-Inverter-List.ashx.

manufacturer to reserve testing facilities for remote testing if limited by physical size of the inverter-based systems.

Second, after the Company receives all of the requested information and has set up a test model in the lab (or via a remote lab environment in some cases), the inverter testing proceeds in the following sequence:

a. DER Communication Protocol Testing

PPL Electric validates that one of the three approved protocols (IEEE 2030.5, IEEE 1815(DNP3) or SunSpec Modbus) is supported as a local communication interface.

b. Profile Configuration including Data Point Mapping

PPL Electric develops and loads the proper server profile configuration to allow data points to flow correctly between the server and client.

c. Read Points Testing

PPL Electric tests and validates the capability to receive the following via the inverters' local communication interface. In accordance with IEEE 1547-2018 § 10.3, required monitoring functionality includes:

i. Real Power;
ii. Reactive Power; and
iii. Voltage (Phase A-to-neutral, B-to-neutral, C-to-neutral).

d. Write Points Testing

PPL Electric reviews the equipment's capability to monitor and manage grid support functions of the inverters via their local communication interface. In accordance with IEEE 1547-2018, required management functionality includes:

i. Constant power factor mode (required per IEEE 1547-2018 § 10.6.2);

ii. Voltage-reactive power mode (also known as Volt-VAR mode, required per IEEE 1547-2018 § 10.6.3);

iii. Constant reactive power mode (also known as fixed VAR mode or reactive

power setpoint mode; required per IEEE 1547-2018 § 10.6.5);

iv. Voltage-active power mode (also known as Volt-Watt mode, required per IEEE 1547-2018 § 10.6.6);

v. Voltage trip (also known as Low Voltage Ride Through, LVRT, and High Voltage Ride Through, HVRT; required per IEEE 1547-2018 § 10.6.7);

vi. Frequency trip (also known as Low Frequency Ride Through, LFRT, and High Frequency Ride Through, HFRT; required per IEEE 1547-2018 § 10.6.8);

vii. Enter service and cease to energize and trip (also known as remote on/off, energize/deenergize, connect/disconnect, or operate/standby; required per IEEE 1547-2018 § 10.6.10 and 10.6.11); and

viii. Limit maximum active power (also known as maximum real power output setpoint; required per IEEE 1547-2018 § 10.6.12).

e. DER Management Device Testing

PPL Electric tests and validates end-to-end testing between the DER and the Company's DERMS via the DER Management device.[1]

Smart inverters that satisfy the Company's requirements are added to PPL Electric's Approved List of Smart Inverters.

4. Customer Enrollment

The DER interconnection application process will utilize the Company's Renewable Energy Connection web portal for the approval and the creation of interconnection work orders. The portal also is used to obtain the Certificate of Completion ("COC") for the DER interconnection.

Under the Plan, the Company will purchase and install DER Management devices for all customer-owned and third party-owned, inverter-based DER system installations. All DER Management devices shall be owned, operated, and maintained by the Company at no direct cost to interconnecting customers. All DERs subject to Plan must have an open and available communication port dedicated for use by PPL Electric. When a complete DER interconnection

application is received, a unique and internal DER management identification category will be assigned to the application based on the order it was received relative to other applications.

5. DER Settings

Volt/VAR will be used as the default reactive power management mode for all inverters. The Company will establish and maintain Volt/VAR settings based on the location and impact of each DER, as well as Voltage Ride-through and Frequency Ride-through functions which meet or exceed PJM Interconnection LLC's ("PJM") guidelines. Where appropriate, modifications to the Volt/VAR curve and Ride-through curves may be made in order to improve system voltage management, reduce customer lost generation, comply with changes in transmission standards, or due to other factors.

The developed Volt/VAR curve will be used until field conditions deem a change in the DER reactive power is necessary to address current or expected system conditions. At such times, the Company may override the Volt/VAR curve by assigning a temporary fixed power factor or a temporary reactive power setpoint value to the DER. Following such an event, Volt/VAR curve on the DER will be re-enabled. The Company may manage the real power output capability of DER through the application of a Volt/Watt curve or through the modification of the maximum real power output setpoint, with customer consent, when the interconnecting DER could create a localized voltage issue on the distribution system. Such system conditions may include emergency response, planned switching for maintenance, unplanned switching to facilitate power restoration during outage conditions, or other conditions under which the DER could otherwise be subjected to disconnection as described within the Interconnection Agreement.

The Company will only use the Remote On/Off function during situations where a DER is operating within a portion of the system that is intended to be de-energized. This may include emergency response scenarios such as gas leak response or a reported fire. The Remote On/Off

command may also be utilized for DER that have not safely isolated or "islanded" themselves from the de-energized distribution system during a power outage.

D. CUSTOMER AND INSTALLER INFORMATION

Customers and installers who are pursuing or are interested in learning more about installing DERs on PPL Electric's distribution system can find information and instructions about the updated interconnection process on PPL Electric's external Rules for Electric Meter and Service Installations ("REMSI") website and also on the PPL Electric's Renewable Energy Connection Portal. The frequently asked questions ("FAQs") section on the REMSI website has been updated to include impacts and details for the Plan and appropriate PPL Electric contact information.

PPL Electric's webpage specifically dedicated to DER Management acts as the main "hub" with easily located information or hyperlinks to pertinent information on DER Management, including, but not limited to, material pertaining to DER Management as a whole, Volt/VAR and Ride-through setting guidelines, approved installation sketches, frequently asked questions, and the Approved List of Smart Inverters.

PPL Electric Exhibit SS-2

Supplement No. XXX
Electric Pa. P.U.C. No. 201

PPL Electric Utilities Corporation

GENERAL TARIFF

RULES AND RATE SCHEDULES
FOR ELECTRIC SERVICE

In the territory listed on pages 4, 4A, and 4B
and in the adjacent territory served.

ISSUED: TBD

EFFECTIVE: TBD

CHRISTINE M. MARTIN, PRESIDENT
Two North Ninth Street
Allentown, PA 18101-1179

NOTICE

THIS TARIFF MAKES CHANGES **(C)** IN EXISTING RATES. SEE PAGE TWO.

PPL Electric Utilities Corporation

LIST OF CHANGES MADE BY THIS SUPPLEMENT

CHANGES:

Rule 12 - Distributed Energy Resource Interconnection Service	Rule 12 is amended to incorporate the proposals set forth in the Second DER Management Plan filed on May 20, 2024, at Docket No. P-2024-_____

PPL Electric Utilities Corporation

RULES FOR ELECTRIC SERVICE
RULE 12 - DISTRIBUTED ENERGY RESOURCE (DER) INTERCONNECTION SERVICE

A. PURPOSE (C)

The Distributed Energy Resource Interconnection Service (DERIS) shall be applied to all new DER interconnections with the distribution system effective March 22, 2025, and as further provided in this Rule. DERs shall include inverter-based alternative energy sources and systems, as defined in the Alternative Energy Portfolio Standards Act of 2004 (73 P.S. §§ 1648.1 - 1648.8), and storage resources (batteries).

B. APPLICATION (C)

(1) This Rule shall apply to all inverter-based DERs, whose interconnection applications are received on or after March 22, 2025.

(2) This Rule shall apply to all customers who receive Basic Utility Supply Service under Rate Schedules RS, GS-1, GS-3, and LP-4.

C. DEVICE REQUIREMENTS

(1) Renewable Energy Connection –

The online portal allows customers to apply to interconnect the DER Management Devices with the distribution system. Refer to the REMSI Renewable Energy Connection under PPL Electric's Electric Rates and Rules for additional information. https://www.pplelectric.com/utility/about-us/electric-rates-and-rules.aspx

(2) Smart Inverters — (C)

Inverters connecting to the distribution system must comply with IEEE 1547-2018 and must be certified to UL 1741 Supplement B, or current utility certification requirements. The list of smart inverters that meet these requirements will be made publicly available and regularly updated on the Company's REMSI website.

(3) DER Management Device – (C)

All DERs whether Customer-Owned or Third Party-Owned that are applying to interconnect with PPL Electric's distribution system must install smart inverters as defined in Rule 12(C)(2). Additionally, a DER Management Device owned, installed, and maintained by the Company will be connected to the data port of the smart

(Continued)

RULE 12 - DISTRIBUTED ENERGY RESOURCE (DER) INTERCONNECTION SERVICE (Continued)

C. DEVICE REQUIREMENTS (Continued)

(3) DER Management Device – (Continued)

inverter for any new DER installation. The DER Management Device is a sealed utility enclosure governed by REMSI Rule 1 and may use the Meter Network radios to connect wirelessly to PPL Electric's RF mesh network. These devices shall be installed and maintained in accordance with the Company's "Rules for Electric Meter and Service Installations (REMSI)". Refer to the REMSI DER Management Device section for additional information.

The Company also will install DER Management devices on: (1) solar photovoltaic systems interconnected before the First DER Management Plan's Pilot Program (Pilot Program) started on January 1, 2021; and (2) inverter-based DERs interconnected after the Pilot Program started without DER Management devices installed on them. Customer-generators with these systems must submit a new interconnection application when they upgrade their system, install a new inverter on their system, or by March 22, 2040, whichever is earlier. The DER Management devices will be installed on those systems after their new interconnection applications are approved as compliant with the Company's current requirements for DERs and inverters and after their systems are installed and inspected.

If the Company does not have a DER Management device that is available or compatible with the proposed DER inverter set forth in an interconnection application, the Company may, in its sole discretion, approve the interconnection application, provided that the interconnection application and proposed DER meet all of the other requirements under the Commission's regulations and this tariff. The Company reserves the right to install a DER Management device on such DERs once a compatible DER Management device becomes available.

D. DER MANAGEMENT (C)

Effective March 22, 2025, the Company shall be permitted to actively monitor and manage the grid support functions of DER inverters using the DER Management Devices and the Company's Distributed Energy Resources Management System (DERMS), as set forth in the Second DER Management Plan, and may make operational decisions based on DER operational information obtained through the DER Management devices.

RULE 12 - DISTRIBUTED ENERGY RESOURCE (DER) INTERCONNECTION SERVICE (Continued)

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BEFORE THE
PENNSYLVANIA PUBLIC UTILITY COMMISSION

Petition of PPL Electric Utilities Corporation	:	
for Approval of its Second Distributed Energy	:	Docket No. P-2024-_____
Resources Management Plan	:	

DIRECT TESTIMONY OF ALIESHA M. DOMBROWSKI-DIAMOND

PPL Electric Statement No. 2

May 20, 2024

Q. PLEASE STATE YOUR NAME AND BUSINESS ADDRESS.

A. My name is Aliesha M. Dombrowski-Diamond, and my business address is 1639 Church Road, Allentown, PA 18104.

Q. BY WHOM ARE YOU EMPLOYED AND IN WHAT CAPACITY?

A. I am employed by PPL Electric Utilities Corporation ("PPL Electric" or the "Company") as Supervisor – Distribution Operations Engineering & Energy Resource Management.

Q. WHAT ARE YOUR DUTIES IN YOUR CURRENT POSITION?

A. I am primarily responsible for the Company's Distributed Energy Resource ("DER") Lab, DER Automation Team, and DER Communications team. The DER Lab reviews new inverters for the approved inverter list as well as builds the device control word ("DCW") and installation directions for inverters based on manufacturer's direction. The DER Automation team programs all inverters for DERs that are enrolled in the First DER Management Plan's Pilot Program ("Pilot Program"). The DER Communications team monitors the inverters to maintain communication and verifies issues as they arise. After the DER Communications team verifies there is an issue with an inverter, the DER field team investigates and corrects the issue.

Q. WHAT IS YOUR EDUCATIONAL BACKGROUND?

A. I have a B.S. in Mathematics from Lock Haven University.

Q. PLEASE DESCRIBE YOUR PROFESSIONAL EXPERIENCE.

A. I have been employed by PPL Electric as Supervisor – Distribution Operations Engineering & Energy Resource Management since April 2023. From September 2022 until April 2023, I was employed by Pinnacle Group and hired to work at PPL Electric as an engineer in the DER Lab. From January 2019 until August 2022, I was employed by Landis & Gyr as Field Services Coordinator/RF Lead and was assigned as the Network Manager for PPL Electric's Advanced Metering Infrastructure ("AMI") network. From August 2017 until December 2018, I was employed by Itron, Inc. as a network engineer and was assigned to the AMI network implementation projects for FirstEnergy Corp. and Duquesne Light Company. From May 2015 to August 2017, I was employed by Orchard Pump and Supply Inc. as Operations Manager.

Q. HAVE YOU PREVIOUSLY TESTIFIED AS A WITNESS BEFORE THE PENNSYLVANIA PUBLIC UTILITY COMMISSION ("COMMISSION")?

A. No.

Q. WOULD YOU PLEASE DESCRIBE THE SUBJECT MATTER OF YOUR TESTIMONY?

A. My testimony will: (1) provide an overview of the technologies that facilitate PPL Electric's management of DERs; (2) provide an overview of the Company's DER management devices; (3) describe the Company's field operations and experiences installing DER management devices; (4) outline the smart inverter testing and certification

process; and (5) address the Company's capability to adapt to future changes in DER systems and inverter technology.

Q. ARE YOU SPONSORING ANY EXHIBITS WITH YOUR TESTIMONY?

A. Yes, I am sponsoring the following exhibit:

- PPL Electric Exhibit AD-1 – PPL Electric's approved list of smart inverters as of May 17, 2024.
- PPL Electric Exhibit AD-2 – PPL Electric's DER Lab Sample Test Plan of DER Management devices as of May 17, 2024.
- PPL Electric Exhibit AD-3 – PPL Electric's Simple/Smart Collar Testing Procedures Internal and External.
- PPL Electric Exhibit AD-4 – PPL Electric's Bridge and Cellular Gateway Testing Procedures External.
- PPL Electric Exhibit AD-5 – PPL Electric's Net-Metered Distributed Energy brochure.
- PPL Electric Exhibit AD-6 – PPL Electric's Distribution Department Instructions (DDI) M-365K Single Phase SolarEdge Inverter.
- PPL Electric Exhibit AD-7 – PPL Electric's DER Lab Sample Test Plan for Inverters as of May 17, 2024.

A. OVERVIEW OF THE TECHNOLOGIES THAT FACILITATE THE DER MANAGEMENT PLAN

Q. PLEASE PROVIDE AN OVERVIEW OF PPL ELECTRIC'S EXISTING TECHNOLOGIES THAT FACILITATE THE COMPANY'S DER MANAGEMENT PLAN.

A. The DER Management Plan relies on three different DER Management devices: (1) the Smart Collar and Dongle device; (2) the Bridge device; and (3) the Cellular Gateway device. The Smart Collar and Dongle device was the first-generation DER Management device and has since been replaced by the Bridge device. Both the Bridge and Smart Collar and Dongle devices use the existing AMI network (*i.e.*, the Radio Frequency ("RF") Mesh network) to communicate back to the Company's head-end system.[1] The Cellular Gateway solution is used for IEEE 2030.5 inverters and communicates back to the Company's servers. All three of these solutions communicate back to the Company's Advanced Distribution Management System ("ADMS") through either AMI or Cellular.

Q. HOW DO THESE TECHNOLOGIES INTEGRATE WITH THE DER MANAGEMENT PLAN?

A. The following figures from the Company's Second Revised Pilot Implementation Plan, which was filed in the initial DER Management Plan proceeding at Docket No. P-2019-3010128, provide details of how the technologies integrate with the DER Management Plan. In general, however, the DER Management device relays communications to and

[1] A head-end system is the hardware and software that receives the stream of meter data brought back to PPL Electric through the AMI network.

from the inverters. Those communications flow both ways, meaning that the Company sends commands through the communications networks to the inverters, such as changes to the smart inverters' grid support functions, and that data is sent from the inverters through the communications networks back to PPL Electric.

Figure 1 - DER Management AMI Architecture

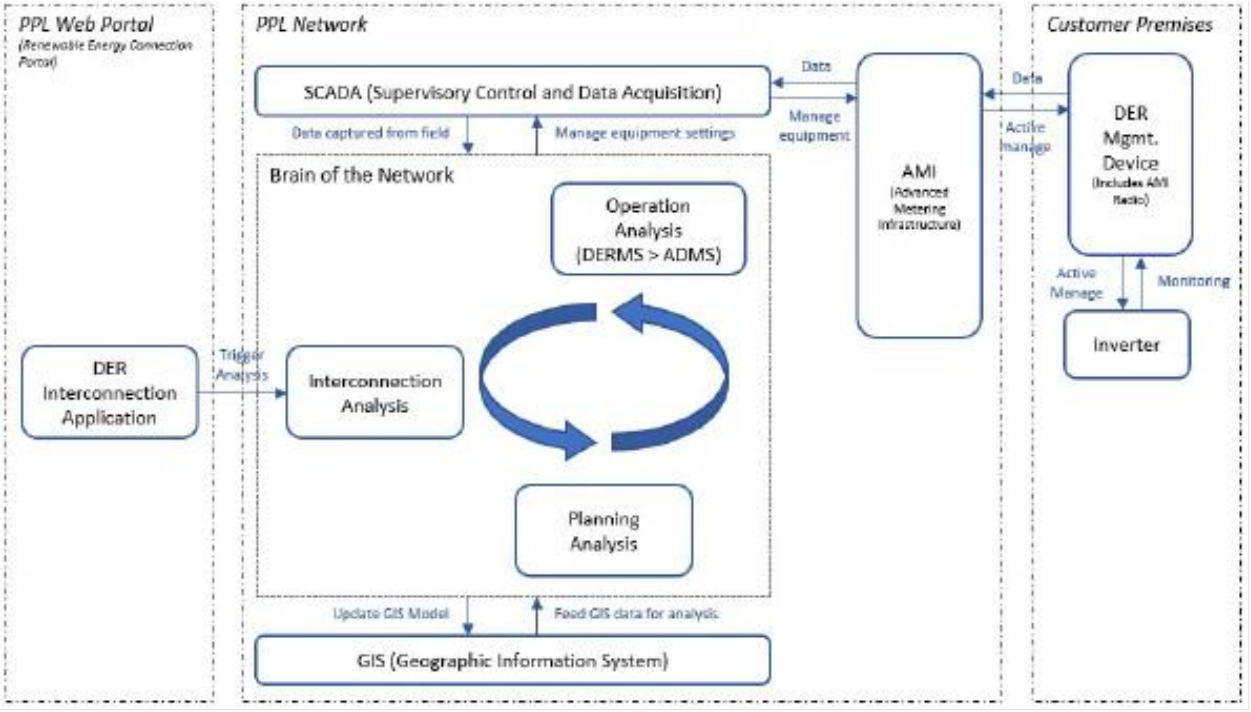

Figure 2 - DER Management Cellular Architecture

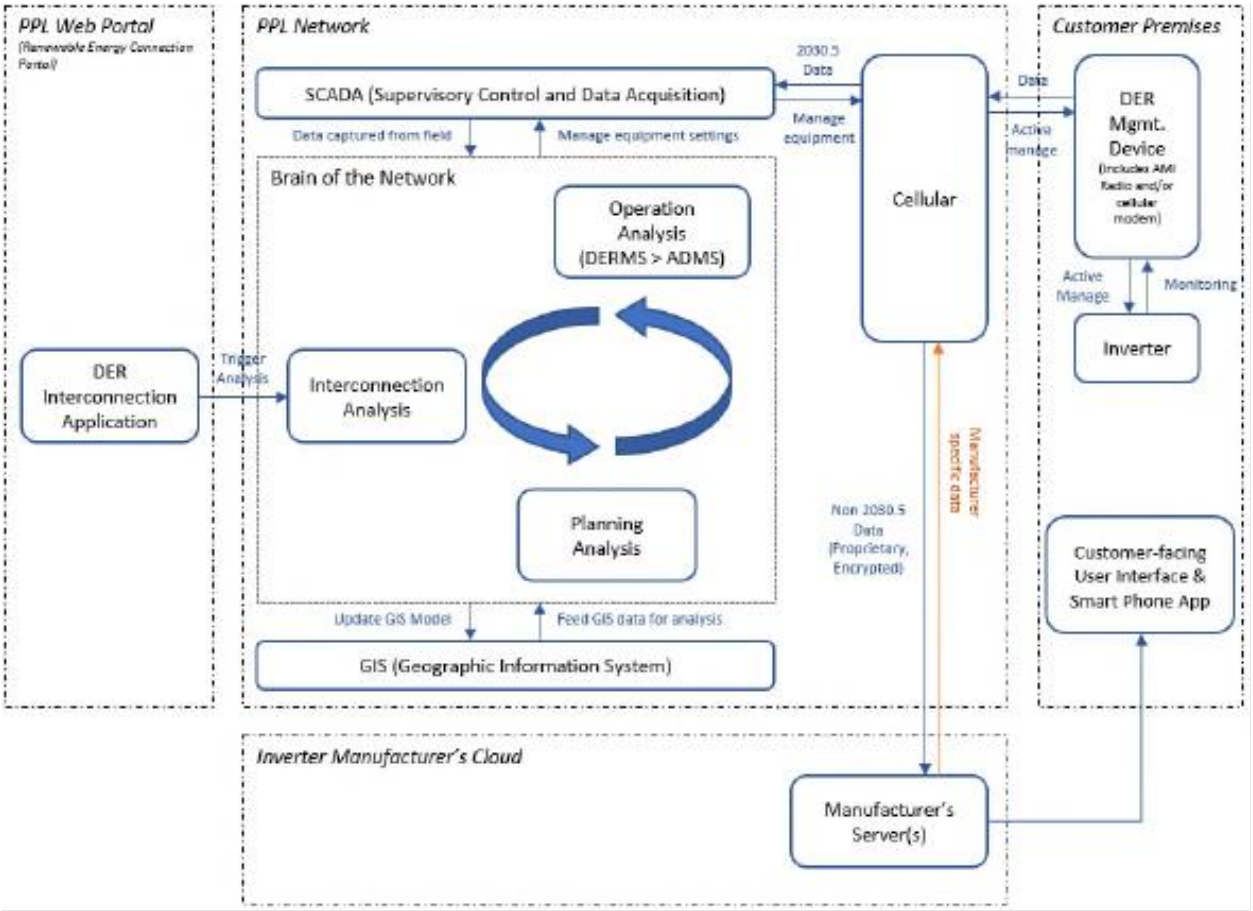

Q. PLEASE DESCRIBE THE DISTRIBUTION MANAGEMENT SYSTEM ("DMS") AND ADMS THAT ARE USED BY PPL ELECTRIC.

A. The original DMS that went live in July 2014 included maps and visuals, Supervisory Control and Data Acquisition ("SCADA") for non-DER devices, and the Distribution Power Flow ("DPF") and Fault Isolation and Service Restoration ("FISR") applications. Originally, these functions did not incorporate DERs. The Company's Advanced Distribution Management System ("ADMS") went live in July 2019 and fully

incorporates DERs and DER measurements into its network model, SCADA, and advanced applications.

Q. WHAT ROLE DOES THE ADMS PLAY IN THE DEPLOYMENT OF DERS AND THE COMPANY'S DER MANAGEMENT PLAN?

A. The ADMS enables the Company to have visibility into DER location, size, and output. The ADMS also supports DERs with its distribution power flow model and can optimize DER management through its Volt/VAR optimization function, Load Volt/VAR Management ("LVM"). Specifically, the ADMS provides the following functionalities:

1. Allows operators and analysts to locate and view DERs and see their basic nominal information, such as location, size, and output;
2. Includes DERs' generation contributions in the DPF function, the results of which are used to manage and optimize the distribution system;
3. Incorporates telemetered inverters' measurements, which allows near real time (approximately 5-minute interval) data to be viewed by operators in ADMS;
4. Uses the Actively Managed ("AM") Group's[2] inverter measurements with DPF and other advanced functions, such as FISR and LVM;
5. Can send commands to AM Group's inverters in the same way as other telemetered devices; and

[2] As explained in Mr. Cody M. Davis's direct testimony (PPL Electric Statement No. 3), the Pilot Program has multiple customer groups: (1) Control Group 1 ("CG1"); (2) Control Group 2 ("CG2"); (3) Control Group 12 ("CG12"); and (4) the AM Group.

6. Can optimize, through its LVM, DERs' power factor setpoints based on DPF solutions at regular intervals, providing an automated method to set DERs to the optimized power factors regularly.

Q. PLEASE DESCRIBE THE COMPANY'S AMI NETWORK.

A. As noted previously, the Company's AMI network is an RF Mesh network made up of multiple network devices, including, but not limited to, meters, routers, collectors, gateways, Integrated WanGate Radios ("IWRs"), and Single Board Radios ("SBRs"). These network devices work together to send meter and network data to PPL Electric's head-end system (*i.e.*, command center).

Q. COULD YOU PROVIDE MORE DETAIL ON HOW THE AMI NETWORK WORKS WITH THE COMPANY'S DER MANAGEMENT DEVICES?

A. PPL Electric's Bridge and Smart Collar and Dongle solutions communicate through the previously discussed RF Mesh network. The inverters are connected to the Company's DER Management devices, allowing PPL Electric to collect the data from the inverters and pass it through the RF Mesh network to the head-end system. Once the data arrives at the head-end system, a "transparent passthrough command"[3] is created to send this data to PPL Electric's servers. These servers feed into the Company's ADMS. Collectively, these technologies allow PPL Electric to monitor the inverters and send commands as necessary.

[3] This command allows the inverter's DNP3 data to pass through to the Company's ADMS.

Q. COULD YOU PROVIDE MORE DETAIL ON HOW THE CELLULAR NETWORK WORKS WITH THE COMPANY'S DER MANAGEMENT DEVICES?

A. The Company's Cellular Gateway solution communicates through a public-facing internet protocol ("IP") to the Company's servers. The Company's servers then communicate to PPL Electric's ADMS, thereby allowing the Company to monitor and send commands as needed. Also, the public-facing IP allows IEEE 2030.5 data traffic to pass to both inverter manufacturers and PPL Electric, meaning that both entities can retrieve data from the inverters.

B. DER MANAGEMENT DEVICES

Q. WHAT IS A DER MANAGEMENT DEVICE?

A. As previously explained, PPL Electric's DER Management devices feature an AMI radio or cellular modem, connect to the DER's local communication interface, and enable the monitoring and management of the DER through the RF Mesh network or a cellular network. The DER Management device allows PPL Electric to remotely monitor the attributes and performance of the DER and manage its grid support settings as needed.

Q. PLEASE DESCRIBE THE INVERTERS THAT ARE CURRENTLY COMPATIBLE WITH THE COMPANY'S DER MANAGEMENT DEVICES.

A. Currently, inverters that are certified to IEEE 1547-2018 and UL 1741 Supplement SB ("UL 1741 SB") can be compatible with the Company's DER Management devices and approved for use in the Company's service territory under Rule 12 of PPL Electric's tariff.

The Company also tests the inverters to ensure that they are compatible with PPL Electric's DER Management devices and can be safely and reliability utilized in the field together.

As of May 17, 2024, PPL Electric's approved inverter list includes 272 approved inverters from 15 different manufacturers, with more inverters from 6 additional inverters manufacturers going through verification and testing at this moment. This list covers the vast majority of inverter manufacturers and inverters that are certified to IEEE 1547-2018 and UL 1741 SB. These inverters are listed in PPL Electric Exhibit AD-1.

PPL Electric also reviews and approves inverters expeditiously; within approximately two weeks. If a customer would like an to use an inverter that is not on the Company's approved list, the customer can send PPL Electric the inverter to review in its DER Lab. Once the Company obtains all the needed documentation from the inverter manufacturer and the inverter passes the Company's review process, the inverter will be added to the approved inverter list. Therefore, as new inverters come to market, PPL Electric can review and approve them for use so long as they meet the applicable requirements. For those inverters that do not initially pass the Company's review process, the DER Lab team will work with the inverter manufacturer on any and all updates that are necessary to pass the review process.

Q. HOW DOES PPL ELECTRIC DESIGN AND TEST ITS DER MANAGEMENT DEVICES FOR CONNECTION TO DER SYSTEMS?

A. Once an inverter has undergone testing, the DER Lab team performs a series of steps to confirm the DER Management device properly connects and communicates with the DER

system. During the review process, the DER Lab works closely with the DER system manufacturer. These steps are laid out in PPL Electric Exhibit AD-2.

Q. DOES THE COMPANY TEST DER MANAGEMENT DEVICES TO ENSURE THAT THEY ARE SAFE?

A. Yes. The Company's DER Management devices undergo a series of internal and manufacturer tests to confirm they are safe for use. Some of these tests include tampering, voltage checks, amperage checks, and weatherproof checks. All of PPL Electric's DER Management devices have passed these tests. These testing procedures and steps are described in PPL Electric Exhibit AD-3 and AD-4.

Q. SINCE THE INCEPTION OF THE PILOT PROGRAM, HOW MANY DER MANAGEMENT DEVICES HAS THE COMPANY INSTALLED?

A. As of May 16, 2024, there are 7,418 DER Management devices installed.

Q. HOW MANY DERS WERE INSTALLED ON PPL ELECTRIC'S DISTRIBUTION SYSTEM DURING THAT SAME TIME PERIOD?

A. As of May 16, 2024, a total of 11,841 DER systems have been installed during the Pilot Program. Of those 11,841 DERs, 7,418 have DER Management devices installed. The remaining 4,423 DERs are grandfathered systems, meaning that they did not have DER Management devices installed because: (1) PPL Electric hit the annual cap of 3,000 DER Management devices; or (2) there were no DER Management devices available that were compatible with those DERs at that time.

C. FIELD OPERATIONS AND EXPERIENCES INSTALLING DER MANAGEMENT DEVICES

Q. AT WHAT STAGE OF THE INTERCONNECTION PROCESS IS THE DER MANAGEMENT DEVICE INSTALLED?

A. The current interconnection process is as follows:

A customer applies for interconnection on the Company's Distributed Generation ("DG") Web Portal[4] choosing one of the approved inverters, or, as stated above, if the customer would like a different inverter, they can contact PPL Electric and request a review of said different inverter. Once the customer applies for interconnection and the applicable interconnection fees are paid, a work order is created. At that point, the interconnection application follows one of two paths, either: (1) the "fast track," which means the applicant's interconnection size is 10 kW or less and, therefore, can proceed with a Level 1 interconnection review process[5] that is quicker than the other interconnection review processes under Chapter 75 of the Commission's regulations; or (2) the work order heads to the Company's Engineering and Design teams so they can start correctly planning for the new DER's load. PPL Electric's interconnection process is further described in PPL Electric Exhibit AD-5. All work orders reach the Company's Planning team for an individually calculated Volt/VAR curve. Once all holds are released from a work order (e.g., Engineering, Design, Planning, Customer Service), the work order is ready for a DER Management device to be installed at the service address by one of the Company's meter

[4]Available at https://www.pplelectric.com/utility/about-us/electric-rates-and-rules/customer-owned-generation/application-process.aspx.

[5] *See* 52 Pa. Code § 75.34(1)(i).

technicians. Once installed, the device will communicate with the Company's servers, so that the PPL Electric DER Automation team can successfully program the individually-calculated Volt/VAR curve onto the inverter.

Q. HOW DOES THE COMPANY INSTALL DER MANAGEMENT DEVICES IN THE FIELD?

A. As noted above, the DER Management devices are installed by PPL Electric meter technicians. When installing a DER Management device, the technicians first verify that they are installing the correct device at the correct location. Once the verification is complete, then the technicians follow a Distribution Device Instruction ("DDI"), which gives step by step instructions to install the DER Management device based on the type of inverter. Ultimately, the DER Management device is connected to the inverter using a RS485 connection[6] or RJ45 connection.[7] PPL Electric Exhibit AD-6 is an example of an inverter manufacturer DDI.

Q. DO THE TECHNICIANS INSTALLING THE DEVICES UNDERGO ANY TYPE OF TRAINING?

A. Yes. The technicians undergo an extensive two-week training on installing DER Management devices, which includes practicing installations in the Company's DER Lab

[6] An RS485 connection refers to a serial connection. *See* https://www.cuidevices.com/blog/rs-485-serial-interface-explained#:~:text=motion%20control%20equipment.-,What%20is%20RS%2D485%3F,devices%20on%20the%20same%20bus.

[7] An RJ45 connection refers to an ethernet cable connection. *See* https://www.cuidevices.com/blog/the-ultimate-guide-to-rj45-connectors.

as well as demonstrating successful side-by-side installations in the field with the trainer. Also, during this training, all technicians are required to pass a written and physical test before they can install DER Management devices alone.

Q. WHAT HAS THE COMPANY LEARNED FROM ITS EXPERIENCES INSTALLING DER MANAGEMENT DEVICES?

A. The Company has many lessons learned from its experience installing DER Management devices. For example, the Company determined how to properly wire SolarEdge Technologies, Inc. ("SolarEdge") backup interface ("BUI") setups with multiple inverters, which allowed PPL Electric to help solar installers in the Company's service territory install these types of DER systems. The Company has also helped solar installers learn about inverter defects causing capacitors to blow due to a hardware failure. Further, PPL Electric has discovered quirks with certain inverters and passed along those findings to solar installers. Some examples of these quirks include when Delta Electronics, Inc. ("Delta") inverters need to be daisy chained, these inverters need a specific RS485 pin out selected,[8] or how touch screen SolarEdge inverters can only use RS485 Port 1 or TCP ports because the inverter will revert to either of these settings if RS485 Port 2 is chosen.

[8] A pin out refers to the serial connection pin-out provided to PPL Electric by the inverter manufacturer to read/write to the device. *See* https://knowledge.ni.com/KnowledgeArticleDetails?id=kA00Z0000019M21SAE.

Q. HAVE CUSTOMERS BENEFITTED FROM THE INSTALLATION OF THE DER MANAGEMENT DEVICES ON DER SYSTEMS?

A. Absolutely. On numerous occasions, the Company has alerted customers that their systems were either turned off or not generating. When on site, the Company also has supported customers by informing them that their backup battery was not connected properly and instructed them to reach out to their installers to have the situation fixed. In other instances, the Company has alerted customers that their inverters were faulty and needed replacement due to hardware issues.

D. SMART INVERTER TESTING AND CERTIFICATION PROCESS

Q. HOW DOES THE COMPANY TEST NEW SMART INVERTERS FOR COMPATIBILITY WITH ITS DER MANAGEMENT DEVICES?

A. PPL Electric's DER Lab completes a series of tests to confirm the inverter is compliant with IEEE 1547-2018 and UL 1741 SB. These tests verify that the applicable communication protocol registers are built into the inverter and also that the proper registers are read/write capable. The Company's DER Lab sample Test Plan for Inverters is attached hereto as PPL Electric Exhibit AD-7. For inverters that are not compliant, the DER Lab works with the inverter manufacturer to build said registers that allow the device to be compliant with IEEE 1547-2018 and UL 1741 SB.

Q. HOW LONG DOES IT TAKE FOR A NEW INVERTER TO BE APPROVED?

A. As explained earlier in my testimony, the Company reviews and approves inverters quickly, typically within two weeks. If an inverter does not have the proper firmware or functionality, it can make the review process take longer.

Q. PLEASE PROVIDE AN OVERVIEW OF THE TYPES OF INVERTERS INCLUDED ON THE COMPANY'S APPROVED LIST OF SMART INVERTERS.

A. PPL Electric's approved inverter list includes inverters from the vast majority of inverter manufacturers. Inverters such as SolarEdge, Delta, SMA Solar Technology AG, Tigo Energy, Solis (Ginlong Technologies), and Sol-Ark, LLC ("Sol-Ark"), in varying sizes, can be found on this list. The prices of these inverters vary, with some being as low as $1,000.

Q. HOW MANY SMART INVERTERS HAS THE COMPANY APPROVED THROUGH THIS TESTING PROCESS?

A. As I noted previously, as of May 17, 2024, PPL Electric's approved inverter list includes 272 inverters from 15 different manufacturers, with more inverters from 6 additional inverters manufacturers going through verification and testing at this moment.

E. FUTURE TECHNOLOGY

Q. IS THE COMPANY'S SECOND DER MANAGEMENT PLAN POSITIONED TO RESPOND TO DEVELOPMENTS IN FUTURE TECHNOLOGY?

A. Yes. The Company actively works to add new inverters to the approved list as they come to market. PPL Electric continuously evaluates the current DER Management devices to verify that they communicate with all technologies attempting to connect to the distribution grid. As new technologies and standards come to the market, the Company will actively work to develop a DER Management device solution.

Q. CAN THE COMPANY'S DER MANAGEMENT DEVICES ACCOMMODATE SOLAR PLUS BATTERY STORAGE SYSTEMS?

A. Yes. The Company's DER Management devices have been connected to multiple solar plus battery storage systems to date. These systems include setups with inverters such as SolarEdge or Sol-Ark. Even with the battery installed, the Company can communicate with the inverter and receive the necessary data. Customers can also access the same data while PPL Electric's DER Management device is installed.

Q. CAN THE COMPANY'S DER MANAGEMENT DEVICES ACCOMMODATE COMBINED HEAT AND POWER ("CHP") SYSTEMS?

A. Yes. One inverter-based CHP system that is IEEE 1547-Supplement A ("IEEE 1547-SA") certified has been interconnected with the distribution system and has had a DER Management device installed. This system needed to be reviewed offsite due to the heat portion of the system, but through working with the manufacturer, the Company has

successfully reviewed a Capstone Turbine CHP system. This type of system has an open and available port similar to solar inverters.

Q. ARE THERE OTHER EMERGING TECHNOLOGIES THAT THE COMPANY IS PREPARING TO INTEGRATE INTO ITS DER MANAGEMENT PROGRAM?

A. Many inverter manufacturers are working on moving to cloud communications instead of serial connections. PPL Electric is prepared for inverters that use cloud communications, as the Company's Cellular Gateway is compatible with them. This technology is also compatible with inverters that use cloud communications.

Q. IF A CUSTOMER PROPOSES TO INTERCONNECT A SYSTEM THAT IS NOT COMPATIBLE WITH THE COMPANY'S DER MANAGEMENT DEVICES, CAN THE SYSTEM STILL BE APPROVED TO INTERCONNECT?

A. Yes. Under the Pilot Program, PPL Electric allows customer-generators to interconnect their DERs if the Company does not have a DER Management device available. Going forward, the Company proposes some modifications to Tariff Rule 12 to clarify and improve on this process for the Second DER Management Plan. As set forth in the proposed *pro forma* tariff supplement (PPL Electric Exhibit SS-2), if the Company does not have a DER Management device that is available or compatible with the proposed DER inverter set forth in an interconnection application, the Company may, in its sole discretion, approve the interconnection application, provided that the interconnection application and proposed DER meet all of the other requirements under the Commission's regulations and

Rule 12 of PPL Electric's tariff. The Company will then install a DER Management device on such DERs once a compatible DER Management device becomes available.

Q. HOW OFTEN DOES THE COMPANY DENY INTERCONNECTION APPLICATIONS?

A. PPL Electric is a strong supporter of DER development and promoting alternative energy sources. Notably, PPL Electric's average interconnection rejection rate is very low (*i.e.*, 1.17% of all applications). Figure 3, below, shows the Company's interconnection rejection rate between January 2022 and April 2024.

Figure 3 - DER Management Reject Rate per Month

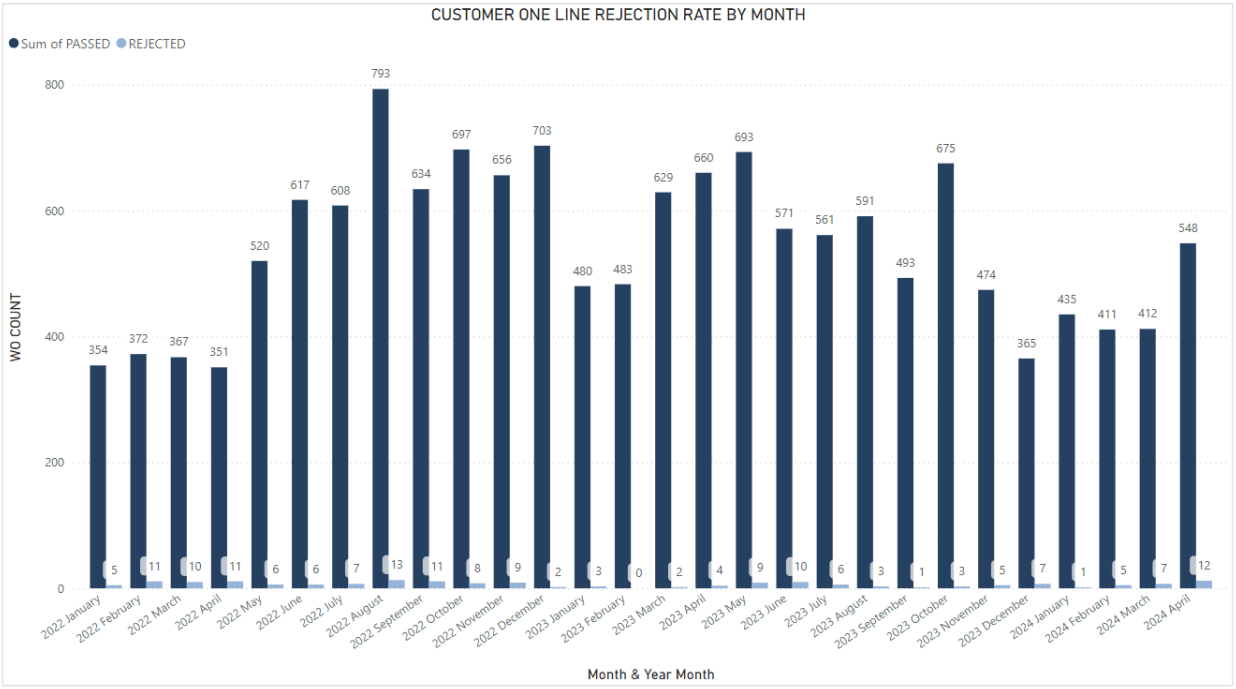

Applications that have issues such as incorrect one-line diagrams or incorrect inverters are returned to customers with a detailed explanation of why the application was rejected and how to address the issues found. Once a customer addresses the deficiencies in the

application, it is reviewed again and will be approved if all identified issues were satisfactorily addressed. Therefore, PPL Electric's interconnection team actively works with both the installers and applicants to correct any issues with the application and system design so the interconnection application can be approved.

Q. DOES THIS CONCLUDE YOUR DIRECT TESTIMONY AT THIS TIME?

A. Yes, although I reserve the right to supplement my direct testimony.

PPL Electric Exhibit AD-1

PPL Electric Utilities - Approved Smart Inverter List

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Last updated: 2024-5-17							
Manufacturer	**Model #**	**Required Equipment for Compatibility**	**Nameplate (kW)**	**Phase(s)**	**Maximum Continuous Output Current (A)**	**Voltage (V)**	**Communication Type**
Chint Power Systems (CPS)	SCA25KTL-DO/US-208		25	Three	69.5	208	Serial (Modbus)
CPS	SCA25KTL-DO/US-480		25	Three	30.5	480	Serial (Modbus)
CPS	SCA36KTL-DO/US-480	"V2" model only	36	Three	43.5	480	Serial (Modbus)
CPS	SCA50KTL-DO/US-480		50	Three	66.2	480	Serial (Modbus)
CPS	SCA60KTL-DO/US-480		60	Three	79.4	480	Serial (Modbus)
CPS	SCH100KTL-DO/US-480		100	Three	126.7	480	Serial (Modbus)
CPS	SCH100KTL-DO/US-600		100	Three	106.8	600	Serial (Modbus)
CPS	SCH125KTL-DO/US-600		125	Three	127	600	Serial (Modbus)
CPS	SCH275KTL-DO/US-800		275	Three	198.5	800	Serial (Modbus)
Delta	E4-TL-US		3.33	Single	16	208	Serial (Modbus)
Delta	E4-TL-US		3.84	Single	16	240	Serial (Modbus)
Delta	E6-TL-US		4.99	Single	24	208	Serial (Modbus)
Delta	E6-TL-US		5.76	Single	24	240	Serial (Modbus)
Delta	E8-TL-US		6.66	Single	32	208	Serial (Modbus)
Delta	E8-TL-US		7.68	Single	32	240	Serial (Modbus)
Delta	M4-TL-US		3.32	Single	16	208	Serial (Modbus)
Delta	M4-TL-US		3.84	Single	16	240	Serial (Modbus)
Delta	M5-TL-US		4.16	Single	20	208	Serial (Modbus)
Delta	M5-TL-US		4.8	Single	20	240	Serial (Modbus)
Delta	M6-TL-US		4.99	Single	24	208	Serial (Modbus)
Delta	M6-TL-US		5.76	Single	24	240	Serial (Modbus)
Delta	M8-TL-US		6.65	Single	32	208	Serial (Modbus)
Delta	M8-TL-US		7.68	Single	32	240	Serial (Modbus)
Delta	M10-TL-US		8.32	Single	40	208	Serial (Modbus)
Delta	M10-TL-US		9.6	Single	40	240	Serial (Modbus)
Delta	M10-4-TL-US		8.32	Single	40	208	Serial (Modbus)
Delta	M10-4-TL-US		9.6	Single	40	240	Serial (Modbus)
Duracell Power Center	Max Hybrid 15	COMM version 1442 or newer; MCU version 7224 or newer	15	Single	62.5	208/240	Serial (Modbus)
EG4 Electronics	18KPV-12LV	Requires FW Version FAAB-1A1A or newer. One EG4 Inverter per Application - Multiple EG4 Inverters Will Be Rejected	10.4	Single	50	208	Serial (Modbus)
EG4 Electronics	18KPV-12LV	Requires FW Version FAAB-1A1A or newer. One EG4 Inverter per Application - Multiple EG4 Inverters Will Be Rejected	12	Single	50	240	Serial (Modbus)
Enphase	IQ7-60-2-US	IQ Gateway ENV2-IQ-AM1-240	0.24	Single	1.15	208	Ethernet (2030.5)
Enphase	IQ7-60-2-US	IQ Gateway ENV2-IQ-AM1-240	0.24	Single	1	240	Ethernet (2030.5)
Enphase	IQ7PLUS-72-2-US	IQ Gateway ENV2-IQ-AM1-240	0.29	Single	1.39	208	Ethernet (2030.5)
Enphase	IQ7PLUS-72-2-US	IQ Gateway ENV2-IQ-AM1-240	0.29	Single	1.21	240	Ethernet (2030.5)
Enphase	IQ7A-72-2-US	IQ Gateway ENV2-IQ-AM1-240	0.29	Single	1.39	208	Ethernet (2030.5)
Enphase	IQ7A-72-2-US	IQ Gateway ENV2-IQ-AM1-240	0.349	Single	1.45	240	Ethernet (2030.5)
Enphase	IQ7PD-72-2-US	IQ Gateway ENV2-IQ-AM1-240	0.19	Single	0.92	208	Ethernet (2030.5)
Enphase	IQ7PD-72-2-US	IQ Gateway ENV2-IQ-AM1-240	0.19	Single	0.8	240	Ethernet (2030.5)
Enphase	IQ7PD-84-2-US	IQ Gateway ENV2-IQ-AM1-240	0.21	Single	1.06	208	Ethernet (2030.5)
Enphase	IQ7PD-84-2-US	IQ Gateway ENV2-IQ-AM1-240	0.21	Single	0.88	240	Ethernet (2030.5)
Enphase	IQ7X-96-2-US	IQ Gateway ENV2-IQ-AM1-240	0.315	Single	1.51	208	Ethernet (2030.5)
Enphase	IQ7X-96-2-US	IQ Gateway ENV2-IQ-AM1-240	0.315	Single	1.31	240	Ethernet (2030.5)
Enphase	IQ7AS-66-ACM-US	IQ Gateway ENV2-IQ-AM1-240	0.29	Single	1.39	208	Ethernet (2030.5)
Enphase	IQ7AS-66-ACM-US	IQ Gateway ENV2-IQ-AM1-240	0.349	Single	1.45	240	Ethernet (2030.5)
Enphase	IQ7XS-96-ACM-US	IQ Gateway ENV2-IQ-AM1-240	0.315	Single	1.51	208	Ethernet (2030.5)
Enphase	IQ7XS-96-ACM-US	IQ Gateway ENV2-IQ-AM1-240	0.315	Single	1.31	240	Ethernet (2030.5)
Enphase	IQ8-60-2-US	IQ Gateway ENV2-IQ-AM1-240	0.24	Single	1	240	Ethernet (2030.5)
Enphase	IQ8-60-M-US	IQ Gateway ENV2-IQ-AM1-240	0.24	Single	1	240	Ethernet (2030.5)
Enphase	IQ8PLUS-72-2-US	IQ Gateway ENV2-IQ-AM1-240	0.29	Single	1.21	240	Ethernet (2030.5)
Enphase	IQ8PLUS-72-M-US	IQ Gateway ENV2-IQ-AM1-240	0.29	Single	1.21	240	Ethernet (2030.5)

PPL Electric Utilities - Approved Smart Inverter List

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Last updated: 2024-5-17							
Manufacturer	**Model #**	**Required Equipment for Compatibility**	**Nameplate (kW)**	**Phase(s)**	**Maximum Continuous Output Current (A)**	**Voltage (V)**	**Communication Type**
Enphase	IQ8M-72-2-US	IQ Gateway ENV2-IQ-AM1-240	0.325	Single	1.35	240	Ethernet (2030.5)
Enphase	IQ8M-72-M-US	IQ Gateway ENV2-IQ-AM1-240	0.325	Single	1.35	240	Ethernet (2030.5)
Enphase	IQ8A-72-2-US	IQ Gateway ENV2-IQ-AM1-240	0.349	Single	1.45	240	Ethernet (2030.5)
Enphase	IQ8A-72-M-US	IQ Gateway ENV2-IQ-AM1-240	0.349	Single	1.45	240	Ethernet (2030.5)
Enphase	IQ8H-240-72-2-US	IQ Gateway ENV2-IQ-AM1-240	0.38	Single	1.58	240	Ethernet (2030.5)
Enphase	IQ8H-240-72-M-US	IQ Gateway ENV2-IQ-AM1-240	0.38	Single	1.58	240	Ethernet (2030.5)
Enphase	IQ8H-208-72-2-US	IQ Gateway ENV2-IQ-AM1-240	0.36	Single	1.73	208	Ethernet (2030.5)
Enphase	IQ8H-208-72-M-US	IQ Gateway ENV2-IQ-AM1-240	0.36	Single	1.73	208	Ethernet (2030.5)
Enphase	IQ8HC-72-M-US	IQ Gateway ENV2-IQ-AM1-240	0.36	Single	1.73	208	Ethernet (2030.5)
Enphase	IQ8HC-72-M-US	IQ Gateway ENV2-IQ-AM1-240	0.38	Single	1.58	240	Ethernet (2030.5)
Enphase	IQ8MC-72-M-US	IQ Gateway ENV2-IQ-AM1-240	0.31	Single	1.49	208	Ethernet (2030.5)
Enphase	IQ8MC-72-M-US	IQ Gateway ENV2-IQ-AM1-240	0.32	Single	1.33	240	Ethernet (2030.5)
Enphase	IQ8AC-72-M-US	IQ Gateway ENV2-IQ-AM1-240	0.345	Single	1.66	208	Ethernet (2030.5)
Enphase	IQ8AC-72-M-US	IQ Gateway ENV2-IQ-AM1-240	0.349	Single	1.49	240	Ethernet (2030.5)
Enphase	IQ8X-80-M-US	IQ Gateway ENV2-IQ-AM1-240	0.36	Single	1.73	208	Ethernet (2030.5)
Enphase	IQ8X-80-M-US	IQ Gateway ENV2-IQ-AM1-240	0.38	Single	1.58	240	Ethernet (2030.5)
Enphase	IQ8P-72-2-US	IQ Gateway ENV2-IQ-AM1-240	0.475	Single	1.98	240	Ethernet (2030.5)
Enphase	IQ8P-3P-72-E-US	IQ Gateway ENV2-IQC2-AM3-3P	0.475	Three	2.28	208	Ethernet (2030.5)
Enphase	IQ8H-3P-72-E-US	IQ Gateway ENV2-IQC2-AM3-3P	0.38	Three	1.83	208	Ethernet (2030.5)
Fortress Power	FP-ENVY-8K	Requires FW Version FAAB-1A1A or newer. One Fortress Power Inverter per Application - Multiple Fortress Power Inverters Will Be Rejected	8	Single	38.5	208	Serial (Modbus)
Fortress Power	FP-ENVY-8K	Requires FW Version FAAB-1A1A or newer. One Fortress Power Inverter per Application - Multiple Fortress Power Inverters Will Be Rejected	8	Single	33.3	240	Serial (Modbus)
Fortress Power	FP-ENVY-10K	Requires FW Version FAAB-1A1A or newer. One Fortress Power Inverter per Application - Multiple Fortress Power Inverters Will Be Rejected	10	Single	48	208	Serial (Modbus)
Fortress Power	FP-ENVY-10K	Requires FW Version FAAB-1A1A or newer. One Fortress Power Inverter per Application - Multiple Fortress Power Inverters Will Be Rejected	10	Single	41.6	240	Serial (Modbus)
Fortress Power	FP-ENVY-12K	Requires FW Version FAAB-1A1A or newer. One Fortress Power Inverter per Application - Multiple Fortress Power Inverters Will Be Rejected	12	Single	50	240	Serial (Modbus)
Ginlong Technologies	Solis-1P3.6K-4G-US	Set Grid Standard to UL-208-18 during commissioning	3.6	Single	17.3	208	Serial (Modbus)
Ginlong Technologies	Solis-1P3.6K-4G-US	Set Grid Standard to UL-240-18 during commissioning	3.6	Single	15	240	Serial (Modbus)
Ginlong Technologies	Solis-1P5K-4G-US	Set Grid Standard to UL-208-18 during commissioning	5	Single	24	208	Serial (Modbus)
Ginlong Technologies	Solis-1P5K-4G-US	Set Grid Standard to UL-240-18 during commissioning	5	Single	20.8	240	Serial (Modbus)
Ginlong Technologies	Solis-1P6K-4G-US	Set Grid Standard to UL-208-18 during commissioning	6	Single	28.8	208	Serial (Modbus)
Ginlong Technologies	Solis-1P6K-4G-US	Set Grid Standard to UL-240-18 during commissioning	6	Single	25	240	Serial (Modbus)
Ginlong Technologies	Solis-1P7.6K-4G-US	Set Grid Standard to UL-208-18 during commissioning	7.6	Single	36.5	208	Serial (Modbus)
Ginlong Technologies	Solis-1P7.6K-4G-US	Set Grid Standard to UL-240-18 during commissioning	7.6	Single	31.7	240	Serial (Modbus)

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Last updated: 2024-5-17							
Manufacturer	**Model #**	**Required Equipment for Compatibility**	**Nameplate (kW)**	**Phase(s)**	**Maximum Continuous Output Current (A)**	**Voltage (V)**	**Communication Type**
Ginlong Technologies	Solis-1P10K-4G-US	Set Grid Standard to UL-208-18 during commissioning	10	Single	43.3	208	Serial (Modbus)
Ginlong Technologies	Solis-1P10K-4G-US	Set Grid Standard to UL-240-18 during commissioning	10	Single	41.7	240	Serial (Modbus)
Ginlong Technologies	S6-GC25K-US	Set Grid Standard to UL-480-18 during commissioning	25	Three	33.1	480	Serial (Modbus)
Ginlong Technologies	S6-GC30KLV-US	Set Grid Standard to UL-208-18 during commissioning	30	Three	91.6	208	Serial (Modbus)
Ginlong Technologies	S6-GC33K-US	Set Grid Standard to UL-480-18 during commissioning	33	Three	43.7	480	Serial (Modbus)
Ginlong Technologies	S6-GC36K-US	Set Grid Standard to UL-480-18 during commissioning	36	Three	47.6	480	Serial (Modbus)
Ginlong Technologies	S6-GC40K-US	Set Grid Standard to UL-480-18 during commissioning	40	Three	52.9	480	Serial (Modbus)
Ginlong Technologies	S6-GC50K-US	Set Grid Standard to UL-480-18 during commissioning	50	Three	66.2	480	Serial (Modbus)
Ginlong Technologies	S6-GC60K-US	Set Grid Standard to UL-480-18 during commissioning	60	Three	79.4	480	Serial (Modbus)
Ginlong Technologies	S5-GC75K-US	Set Grid Standard to UL-480-18 during commissioning	75	Three	90.2	480	Serial (Modbus)
Ginlong Technologies	S5-GC80K-US	Set Grid Standard to UL-480-18 during commissioning	80	Three	96.2	480	Serial (Modbus)
Ginlong Technologies	S5-GC90K-US	Set Grid Standard to UL-480-18 during commissioning	90	Three	108.3	480	Serial (Modbus)
Ginlong Technologies	S5-GC100K-US	Set Grid Standard to UL-480-18 during commissioning	100	Three	120.3	480	Serial (Modbus)
Ginlong Technologies	Solis-125K-EHV-5G-US-PLUS	Set Grid Standard to UL-600-18 during commissioning	125	Three	132.3	600	Serial (Modbus)
Ginlong Technologies	Solis-185K-EHV-5G-US-PLUS	Set Grid Standard to UL-600-18 during commissioning	185	Three	178	600	Serial (Modbus)
Ginlong Technologies	Solis-255K-EHV-5G-US-PLUS	Set Grid Standard to UL-800-18 during commissioning	255	Three	184	800	Serial (Modbus)
LuxPowerTek	LXP-LB-US 5K	Requires FW Version FAAB-1A1A or newer. One LuxPowerTek Inverter per Application - Multiple LuxPowerTek Inverters Will Be Rejected	5	Single	24	208	Serial (Modbus)
LuxPowerTek	LXP-LB-US 5K	Requires FW Version FAAB-1A1A or newer. One LuxPowerTek Inverter per Application - Multiple LuxPowerTek Inverters Will Be Rejected	5	Single	20.8	240	Serial (Modbus)
LuxPowerTek	LXP-LB-US 7.6K	Requires FW Version FAAB-1A1A or newer. One LuxPowerTek Inverter per Application - Multiple LuxPowerTek Inverters Will Be Rejected	7.6	Single	36.5	208	Serial (Modbus)
LuxPowerTek	LXP-LB-US 7.6K	Requires FW Version FAAB-1A1A or newer. One LuxPowerTek Inverter per Application - Multiple LuxPowerTek Inverters Will Be Rejected	7.6	Single	31.7	240	Serial (Modbus)
LuxPowerTek	LXP-LB-US 8K	Requires FW Version FAAB-1A1A or newer. One LuxPowerTek Inverter per Application - Multiple LuxPowerTek Inverters Will Be Rejected	8	Single	38.5	208	Serial (Modbus)
LuxPowerTek	LXP-LB-US 8K	Requires FW Version FAAB-1A1A or newer. One LuxPowerTek Inverter per Application - Multiple LuxPowerTek Inverters Will Be Rejected	8	Single	33.3	240	Serial (Modbus)
LuxPowerTek	LXP-LB-US 9.6K	Requires FW Version FAAB-1A1A or newer. One LuxPowerTek Inverter per Application - Multiple LuxPowerTek Inverters Will Be Rejected	9.6	Single	46	208	Serial (Modbus)
LuxPowerTek	LXP-LB-US 9.6K	Requires FW Version FAAB-1A1A or newer. One LuxPowerTek Inverter per Application - Multiple LuxPowerTek Inverters Will Be Rejected	9.6	Single	40	240	Serial (Modbus)

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Manufacturer	**Model #**	**Required Equipment for Compatibility**	**Nameplate (kW)**	**Phase(s)**	**Maximum Continuous Output Current (A)**	**Voltage (V)**	**Communication Type**
LuxPowerTek	LXP-LB-US 10K	Requires FW Version FAAB-1A1A or newer. One LuxPowerTek Inverter per Application - Multiple LuxPowerTek Inverters Will Be Rejected	10	Single	48	208	Serial (Modbus)
LuxPowerTek	LXP-LB-US 10K	Requires FW Version FAAB-1A1A or newer. One LuxPowerTek Inverter per Application - Multiple LuxPowerTek Inverters Will Be Rejected	10	Single	41.6	240	Serial (Modbus)
LuxPowerTek	LXP-LB-US 11.4K	Requires FW Version FAAB-1A1A or newer. One LuxPowerTek Inverter per Application - Multiple LuxPowerTek Inverters Will Be Rejected	11.4	Single	47.5	208/240	Serial (Modbus)
LuxPowerTek	LXP-LB-US 11.4K	Requires FW Version FAAB-1A1A or newer. One LuxPowerTek Inverter per Application - Multiple LuxPowerTek Inverters Will Be Rejected	12	Single	50	208/240	Serial (Modbus)
Shenzhen Growatt New Energy	MIN 3000-TL-XH-US		2.6	Single	12.5	208	Serial (Modbus)
Shenzhen Growatt New Energy	MIN 3000-TL-XH-US		3	Single	12.5	240	Serial (Modbus)
Shenzhen Growatt New Energy	MIN 3800-TL-XH-US		3.29	Single	16	208	Serial (Modbus)
Shenzhen Growatt New Energy	MIN 3800-TL-XH-US		3.8	Single	16	240	Serial (Modbus)
Shenzhen Growatt New Energy	MIN 3800-TL-XH-US(S)		3.29	Single	16	208	Serial (Modbus)
Shenzhen Growatt New Energy	MIN 3800-TL-XH-US(S)		3.8	Single	16	240	Serial (Modbus)
Shenzhen Growatt New Energy	MIN 5000-TL-XH-US		4.33	Single	21	208	Serial (Modbus)
Shenzhen Growatt New Energy	MIN 5000-TL-XH-US		5	Single	21	240	Serial (Modbus)
Shenzhen Growatt New Energy	MIN 6000-TL-XH-US		5.2	Single	25	208	Serial (Modbus)
Shenzhen Growatt New Energy	MIN 6000-TL-XH-US		6	Single	25	240	Serial (Modbus)
Shenzhen Growatt New Energy	MIN 7600-TL-XH-US		6.58	Single	32	208	Serial (Modbus)
Shenzhen Growatt New Energy	MIN 7600-TL-XH-US		7.6	Single	32	240	Serial (Modbus)
Shenzhen Growatt New Energy	MIN 7600-TL-XH-US(S)		6.58	Single	32	208	Serial (Modbus)
Shenzhen Growatt New Energy	MIN 7600-TL-XH-US(S)		7.6	Single	32	240	Serial (Modbus)
Shenzhen Growatt New Energy	MIN 8200-TL-XH-US		7.28	Single	35	208	Serial (Modbus)
Shenzhen Growatt New Energy	MIN 8200-TL-XH-US		8.2	Single	35	240	Serial (Modbus)
Shenzhen Growatt New Energy	MIN 9000-TL-XH-US		7.9	Single	38	208	Serial (Modbus)
Shenzhen Growatt New Energy	MIN 9000-TL-XH-US		9	Single	38	240	Serial (Modbus)
Shenzhen Growatt New Energy	MIN 10000-TL-XH-US		8.73	Single	42	208	Serial (Modbus)
Shenzhen Growatt New Energy	MIN 10000-TL-XH-US		10	Single	42	240	Serial (Modbus)
Shenzhen Growatt New Energy	MIN 11400-TL-XH-US		9.88	Single	48	208	Serial (Modbus)
Shenzhen Growatt New Energy	MIN 11400-TL-XH-US		11.4	Single	48	240	Serial (Modbus)
SMA	SBSE3.8-US-50	ModbusTCP Enabled, Comission using Grid Code US-IEEE 1547/2018-Cat III	3.32	Single	16	208	Ethernet (Modus)
SMA	SBSE3.8-US-50	ModbusTCP Enabled, Comission using Grid Code US-IEEE 1547/2018-Cat III	3.84	Single	16	240	Ethernet (Modus)
SMA	SBSE4.8-US-50	ModbusTCP Enabled, Comission using Grid Code US-IEEE 1547/2018-Cat III	4.16	Single	20	208	Ethernet (Modus)
SMA	SBSE4.8-US-50	ModbusTCP Enabled, Comission using Grid Code US-IEEE 1547/2018-Cat III	4.8	Single	20	240	Ethernet (Modus)
SMA	SBSE5.8-US-50	ModbusTCP Enabled, Comission using Grid Code US-IEEE 1547/2018-Cat III	4.99	Single	24	208	Ethernet (Modus)
SMA	SBSE5.8-US-50	ModbusTCP Enabled, Comission using Grid Code US-IEEE 1547/2018-Cat III	5.76	Single	24	240	Ethernet (Modus)
SMA	SBSE7.7-US-50	ModbusTCP Enabled, Comission using Grid Code US-IEEE 1547/2018-Cat III	6.65	Single	32	208	Ethernet (Modus)
SMA	SBSE7.7-US-50	ModbusTCP Enabled, Comission using Grid Code US-IEEE 1547/2018-Cat III	7.68	Single	32	240	Ethernet (Modus)
SMA	STP 20-US-50	Firmware V03.02.08.R or later, ModbusTCP Enabled, Comission using Grid Code US-IEEE 1547/2018-Cat III	20	Three	24	480	Ethernet (Modbus)
SMA	STP 25-US-50	Firmware V03.02.08.R or later, ModbusTCP Enabled, Comission using Grid Code US-IEEE 1547/2018-Cat III	25	Three	30	480	Ethernet (Modbus)
SMA	STP 30-US-50	Firmware V03.02.08.R or later, ModbusTCP Enabled, Comission using Grid Code US-IEEE 1547/2018-Cat III	30	Three	36	480	Ethernet (Modbus)

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Manufacturer	**Model #**	**Required Equipment for Compatibility**	**Nameplate (kW)**	**Phase(s)**	**Maximum Continuous Output Current (A)**	**Voltage (V)**	**Communication Type**
SMA	STP 33-US-41	Firmware V04.01.05.R or later, ModbusTCP Enabled, Comission using Grid Code US-IEEE 1547/2018-Cat III	33.3	Three	40	480	Ethernet (Modbus)
SMA	STP 50-US-41	Firmware V04.01.05.R or later, ModbusTCP Enabled, Comission using Grid Code US-IEEE 1547/2018-Cat III	50	Three	64	480	Ethernet (Modbus)
SMA	STP 62-US-41	Firmware V04.01.05.R or later, ModbusTCP Enabled, Comission using Grid Code US-IEEE 1547/2018-Cat III	62.5	Three	80	480	Ethernet (Modbus)
SMA	SHP 125-US-21	Firmware V04.02.03.R or later, ModbusTCP Enabled, Comission using Grid Code US-IEEE 1547/2018-Cat III	125	Three	151	480	Ethernet (Modbus)
SMA	SHP 150-US-21	Firmware V04.02.03.R or later, ModbusTCP Enabled, Comission using Grid Code US-IEEE 1547/2018-Cat III	150	Three	151	600	Ethernet (Modbus)
SMA	SHP 165-US-21	Firmware V04.02.03.R or later, ModbusTCP Enabled, Comission using Grid Code US-IEEE 1547/2018-Cat III	165	Three	151	630	Ethernet (Modbus)
SMA	SHP 172-US-21	Firmware V04.02.03.R or later, ModbusTCP Enabled, Comission using Grid Code US-IEEE 1547/2018-Cat III	172	Three	151	660	Ethernet (Modbus)
SMA	SHP FLEX-US-21	Firmware V04.02.03.R or later, ModbusTCP Enabled, Comission using Grid Code US-IEEE 1547/2018-Cat III	172	Three	151	200-660	Ethernet (Modbus)
SMA	SC 2660 UP-US		2667	Three	2566	600	Ethernet (Modbus)
SMA	SC 2800 UP-US		2800	Three	2566	630	Ethernet (Modbus)
SMA	SC 2930 UP-US		2933	Three	2566	660	Ethernet (Modbus)
SMA	SC 3060 UP-US		3067	Three	2566	690	Ethernet (Modbus)
SMA	SC 4000 UP-US		4000	Three	3850	600	Ethernet (Modbus)
SMA	SC 4200 UP-US		4200	Three	3850	630	Ethernet (Modbus)
SMA	SC 4400 UP-US		4400	Three	3850	660	Ethernet (Modbus)
SMA	SC 4600 UP-US		4600	Three	3850	690	Ethernet (Modbus)
Sol-Ark	SA-8K-48-ST	COMM version 1442 or newer; MCU version 5224 or newer	8	Single	33.3	208/240	Serial (Modbus)
Sol-Ark	SA-12K-P	COMM version 1442 or newer; MCU version 6224 or newer	9	Single	37.5	208/240	Serial (Modbus)
Sol-Ark	Limitless 15K-LV *(a.k.a. 15K-2P-N)*	COMM version 1442 or newer; MCU version 7224 or newer	15	Single	62.5	208/240	Serial (Modbus)
SolarEdge	SE3000H-US		3	Single	12.5	240	Serial (Modbus)
SolarEdge	SE3800H-US		3.3	Single	16	208	Serial (Modbus)
SolarEdge	SE3800H-US		3.8	Single	16	240	Serial (Modbus)
SolarEdge	SE5000H-US		5	Single	21	240	Serial (Modbus)
SolarEdge	SE6000H-US		5	Single	24	208	Serial (Modbus)
SolarEdge	SE6000H-US		6	Single	25	240	Serial (Modbus)
SolarEdge	SE7600H-US		7.6	Single	32	240	Serial (Modbus)
SolarEdge	SE10000H-US		10	Single	42	240	Serial (Modbus)
SolarEdge	SE11400H-US		10	Single	48.5	208	Serial (Modbus)
SolarEdge	SE11400H-US		11.4	Single	47.5	240	Serial (Modbus)
SolarEdge	SE10KUS		10	Three	27.8	208	Serial (Modbus)
SolarEdge	SE10KUS		10	Three	12	480	Serial (Modbus)
SolarEdge	SE14.4KUS		14.4	Three	40	208	Serial (Modbus)
SolarEdge	SE17.3KUS		17.3	Three	48.25	208	Serial (Modbus)
SolarEdge	SE30KUS		30	Three	36.5	480	Serial (Modbus)
SolarEdge	SE33.3KUS		33.3	Three	40	480	Serial (Modbus)
SolarEdge	SE40KUS		40	Three	48.25	480	Serial (Modbus)
SolarEdge	SE43.2KUS		43.2	Three	120	208	Serial (Modbus)
SolarEdge	SE50KUS		50	Three	139.5	208	Serial (Modbus)
SolarEdge	SE66.6KUS		66.6	Three	80	480	Serial (Modbus)
SolarEdge	SE80KUS		80	Three	96.5	480	Serial (Modbus)
SolarEdge	SE100KUS		100	Three	120	480	Serial (Modbus)
SolarEdge	SE120KUS		120	Three	144.3	480	Serial (Modbus)
SunPower	Enphase IQ7HS-66-M-US	PV Supervisor 6 (PVS6)	0.369	Single	1.77	208	Ethernet (2030.5)
SunPower	Enphase IQ7HS-66-M-US	PV Supervisor 6 (PVS6)	0.384	Single	1.6	240	Ethernet (2030.5)
SunPower	Enphase IQ7XS-96-2-US	PV Supervisor 6 (PVS6)	0.315	Single	1.51	208	Ethernet (2030.5)
SunPower	Enphase IQ7XS-96-2-US	PV Supervisor 6 (PVS6)	0.315	Single	1.31	240	Ethernet (2030.5)
SunPower	SPR-E19-320-E-AC	PV Supervisor 6 (PVS6)	0.315	Single	1.51	208	Ethernet (2030.5)
SunPower	SPR-E19-320-E-AC	PV Supervisor 6 (PVS6)	0.315	Single	1.31	240	Ethernet (2030.5)
SunPower	SPR-E19-320-BLK-E-AC	PV Supervisor 6 (PVS6)	0.315	Single	1.51	208	Ethernet (2030.5)
SunPower	SPR-E19-320-BLK-E-AC	PV Supervisor 6 (PVS6)	0.315	Single	1.31	240	Ethernet (2030.5)

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Manufacturer	**Model #**	**Required Equipment for Compatibility**	**Nameplate (kW)**	**Phase(s)**	**Maximum Continuous Output Current (A)**	**Voltage (V)**	**Communication Type**
SunPower	SPR-E20-327-E-AC	PV Supervisor 6 (PVS6)	0.315	Single	1.51	208	Ethernet (2030.5)
SunPower	SPR-E20-327-E-AC	PV Supervisor 6 (PVS6)	0.315	Single	1.31	240	Ethernet (2030.5)
SunPower	SPR-E20-327-BLK-E-AC	PV Supervisor 6 (PVS6)	0.315	Single	1.51	208	Ethernet (2030.5)
SunPower	SPR-E20-327-BLK-E-AC	PV Supervisor 6 (PVS6)	0.315	Single	1.31	240	Ethernet (2030.5)
SunPower	SPR-X20-327-E-AC	PV Supervisor 6 (PVS6)	0.315	Single	1.51	208	Ethernet (2030.5)
SunPower	SPR-X20-327-E-AC	PV Supervisor 6 (PVS6)	0.315	Single	1.31	240	Ethernet (2030.5)
SunPower	SPR-X20-327-BLK-E-AC	PV Supervisor 6 (PVS6)	0.315	Single	1.51	208	Ethernet (2030.5)
SunPower	SPR-X20-327-BLK-E-AC	PV Supervisor 6 (PVS6)	0.315	Single	1.31	240	Ethernet (2030.5)
SunPower	SPR-X21-335-E-AC	PV Supervisor 6 (PVS6)	0.315	Single	1.51	208	Ethernet (2030.5)
SunPower	SPR-X21-335-E-AC	PV Supervisor 6 (PVS6)	0.315	Single	1.31	240	Ethernet (2030.5)
SunPower	SPR-X21-335-BLK-E-AC	PV Supervisor 6 (PVS6)	0.315	Single	1.51	208	Ethernet (2030.5)
SunPower	SPR-X21-335-BLK-E-AC	PV Supervisor 6 (PVS6)	0.315	Single	1.31	240	Ethernet (2030.5)
SunPower	SPR-X21-345-E-AC	PV Supervisor 6 (PVS6)	0.315	Single	1.51	208	Ethernet (2030.5)
SunPower	SPR-X21-345-E-AC	PV Supervisor 6 (PVS6)	0.315	Single	1.31	240	Ethernet (2030.5)
SunPower	SPR-X21-345-BLK-E-AC	PV Supervisor 6 (PVS6)	0.315	Single	1.51	208	Ethernet (2030.5)
SunPower	SPR-X21-345-BLK-E-AC	PV Supervisor 6 (PVS6)	0.315	Single	1.31	240	Ethernet (2030.5)
SunPower	SPR-X21-350-E-AC	PV Supervisor 6 (PVS6)	0.315	Single	1.51	208	Ethernet (2030.5)
SunPower	SPR-X21-350-E-AC	PV Supervisor 6 (PVS6)	0.315	Single	1.31	240	Ethernet (2030.5)
SunPower	SPR-X21-350-BLK-E-AC	PV Supervisor 6 (PVS6)	0.315	Single	1.51	208	Ethernet (2030.5)
SunPower	SPR-X21-350-BLK-E-AC	PV Supervisor 6 (PVS6)	0.315	Single	1.31	240	Ethernet (2030.5)
SunPower	SPR-X22-360-E-AC	PV Supervisor 6 (PVS6)	0.315	Single	1.51	208	Ethernet (2030.5)
SunPower	SPR-X22-360-E-AC	PV Supervisor 6 (PVS6)	0.315	Single	1.31	240	Ethernet (2030.5)
SunPower	SPR-X22-360-BLK-E-AC	PV Supervisor 6 (PVS6)	0.315	Single	1.51	208	Ethernet (2030.5)
SunPower	SPR-X22-360-BLK-E-AC	PV Supervisor 6 (PVS6)	0.315	Single	1.31	240	Ethernet (2030.5)
SunPower	SPR-X22-370-E-AC	PV Supervisor 6 (PVS6)	0.315	Single	1.51	208	Ethernet (2030.5)
SunPower	SPR-X22-370-E-AC	PV Supervisor 6 (PVS6)	0.315	Single	1.31	240	Ethernet (2030.5)
SunPower	SPR-X22-370-BLK-E-AC	PV Supervisor 6 (PVS6)	0.315	Single	1.51	208	Ethernet (2030.5)
SunPower	SPR-X22-370-BLK-E-AC	PV Supervisor 6 (PVS6)	0.315	Single	1.31	240	Ethernet (2030.5)
SunPower	SPWR-A4	PV Supervisor 6 (PVS6)	0.349	Single	1.45	240	Ethernet (2030.5)
SunPower	SPR-A390-G-AC	PV Supervisor 6 (PVS6)	0.349	Single	1.45	240	Ethernet (2030.5)
SunPower	SPR-A400-G-AC	PV Supervisor 6 (PVS6)	0.349	Single	1.45	240	Ethernet (2030.5)
SunPower	SPR-A390-BLK-G-AC	PV Supervisor 6 (PVS6)	0.349	Single	1.45	240	Ethernet (2030.5)
SunPower	SPR-A400-BLK-G-AC	PV Supervisor 6 (PVS6)	0.349	Single	1.45	240	Ethernet (2030.5)
SunPower	SPR-A410-G-AC	PV Supervisor 6 (PVS6)	0.349	Single	1.45	240	Ethernet (2030.5)
SunPower	SPR-A415-G-AC	PV Supervisor 6 (PVS6)	0.349	Single	1.45	240	Ethernet (2030.5)
SunPower	SPR-A420-G-AC	PV Supervisor 6 (PVS6)	0.349	Single	1.45	240	Ethernet (2030.5)
SunPower	SPR-M410-BLK-H-AC	PV Supervisor 6 (PVS6)	0.369	Single	1.77	208	Ethernet (2030.5)
SunPower	SPR-M410-BLK-H-AC	PV Supervisor 6 (PVS6)	0.384	Single	1.6	240	Ethernet (2030.5)
SunPower	SPR-M415-BLK-H-AC	PV Supervisor 6 (PVS6)	0.369	Single	1.77	208	Ethernet (2030.5)
SunPower	SPR-M415-BLK-H-AC	PV Supervisor 6 (PVS6)	0.384	Single	1.6	240	Ethernet (2030.5)
SunPower	SPR-M420-H-AC	PV Supervisor 6 (PVS6)	0.369	Single	1.77	208	Ethernet (2030.5)
SunPower	SPR-M420-H-AC	PV Supervisor 6 (PVS6)	0.384	Single	1.6	240	Ethernet (2030.5)
SunPower	SPR-M425-BLK-H-AC	PV Supervisor 6 (PVS6)	0.369	Single	1.77	208	Ethernet (2030.5)
SunPower	SPR-M425-BLK-H-AC	PV Supervisor 6 (PVS6)	0.384	Single	1.6	240	Ethernet (2030.5)
SunPower	SPR-M425-H-AC	PV Supervisor 6 (PVS6)	0.369	Single	1.77	208	Ethernet (2030.5)
SunPower	SPR-M425-H-AC	PV Supervisor 6 (PVS6)	0.384	Single	1.6	240	Ethernet (2030.5)
SunPower	SPR-M430-H-AC	PV Supervisor 6 (PVS6)	0.384	Single	1.6	240	Ethernet (2030.5)
SunPower	SPR-M430-H-AC	PV Supervisor 6 (PVS6)	0.369	Single	1.77	208	Ethernet (2030.5)
SunPower	SPR-M435-H-AC	PV Supervisor 6 (PVS6)	0.369	Single	1.77	208	Ethernet (2030.5)
SunPower	SPR-M435-H-AC	PV Supervisor 6 (PVS6)	0.384	Single	1.6	240	Ethernet (2030.5)
SunPower	SPR-M440-H-AC	PV Supervisor 6 (PVS6)	0.369	Single	1.77	208	Ethernet (2030.5)
SunPower	SPR-M440-H-AC	PV Supervisor 6 (PVS6)	0.384	Single	1.6	240	Ethernet (2030.5)
Tigo Energy	TSI-3.8K-US	One Tigo Inverter per Application - Multiple Tigo Inverters Will Be Rejected	3.29	Single	16	208	Serial (Modbus)
Tigo Energy	TSI-3.8K-US	One Tigo Inverter per Application - Multiple Tigo Inverters Will Be Rejected	3.8	Single	16	240	Serial (Modbus)
Tigo Energy	TSI-7.6K-US	One Tigo Inverter per Application - Multiple Tigo Inverters Will Be Rejected	6.58	Single	32	208	Serial (Modbus)
Tigo Energy	TSI-7.6K-US	One Tigo Inverter per Application - Multiple Tigo Inverters Will Be Rejected	7.6	Single	32	240	Serial (Modbus)
Tigo Energy	TSI-11.4K-US	One Tigo Inverter per Application - Multiple Tigo Inverters Will Be Rejected	9.88	Single	48	208	Serial (Modbus)
Tigo Energy	TSI-11.4K-US	One Tigo Inverter per Application - Multiple Tigo Inverters Will Be Rejected	11.4	Single	48	240	Serial (Modbus)
Yaskawa Solectria Solar	PVI 25TL-208		25	Three	69.5	208	Serial (Modbus)
Yaskawa Solectria Solar	PVI25TL-480-R		25	Three	30.5	480	Serial (Modbus)
Yaskawa Solectria Solar	PVI-36TL-480-V2		36	Three	43.5	480	Serial (Modbus)
Yaskawa Solectria Solar	PVI 50TL-480		50	Three	60.2	480	Serial (Modbus)
Yaskawa Solectria Solar	PVI 60TL-480		60	Three	72.2	480	Serial (Modbus)
Yaskawa Solectria Solar	XGI 1500-125/125-UL		125	Three	120	600	Ethernet (Modbus)
Yaskawa Solectria Solar	XGI 1500-125/125-UL-A		125	Three	120	600	Ethernet (Modbus)

PPL Electric Utilities - Approved Smart Inverter List

The most recent version of this list can be found by visiting www.pplelectric.com/DERManagement. ***Google Chrome users:*** *clear your browser cache if you encounter issues viewing the most recent list.*

Last updated: 2024-5-17							
Manufacturer	**Model #**	**Required Equipment for Compatibility**	**Nameplate (kW)**	**Phase(s)**	**Maximum Continuous Output Current (A)**	**Voltage (V)**	**Communication Type**
Yaskawa Solectria Solar	XGI 1500-125/150-UL		125	Three	144	600	Ethernet (Modbus)
Yaskawa Solectria Solar	XGI 1500-125/150-UL-A		125	Three	144	600	Ethernet (Modbus)
Yaskawa Solectria Solar	XGI 1500-150/166-UL		150	Three	160	600	Ethernet (Modbus)
Yaskawa Solectria Solar	XGI 1500 150/166-UL-A		150	Three	160	600	Ethernet (Modbus)
Yaskawa Solectria Solar	XGI 1500-166/166-UL		166	Three	160	600	Ethernet (Modbus)
Yaskawa Solectria Solar	XGI 1500-166/166-UL-A		166	Three	160	600	Ethernet (Modbus)
Yaskawa Solectria Solar	XGI 1500 175-480		175	Three	210.5	480	Ethernet (Modbus)
Yaskawa Solectria Solar	XGI 1500-175-480-DCG		175	Three	210.5	480	Ethernet (Modbus)
Yaskawa Solectria Solar	XGI 1500 200/200-480		200	Three	240.6	480	Ethernet (Modbus)
Yaskawa Solectria Solar	XGI 1500-200/200-480-DCG		200	Three	240.6	480	Ethernet (Modbus)
Yaskawa Solectria Solar	XGI 1500 225-600		225	Three	216.5	600	Ethernet (Modbus)
Yaskawa Solectria Solar	XGI 1500-225-600-DCG		225	Three	216.5	600	Ethernet (Modbus)
Yaskawa Solectria Solar	XGI 1500 250/250-600		250	Three	240.6	600	Ethernet (Modbus)
Yaskawa Solectria Solar	XGI 1500-250/250-600-DCG		250	Three	240.6	600	Ethernet (Modbus)

PPL Electric Exhibit AD-2

PPL Test Plan for DER Management devices

As of 05/17/2024

Contents

Purpose: Test DER Management Device.....1
Setup 2
Verify Communication from Data Center to Radio 2
Verify End-to-End Communication 2

Purpose: Test DER Management Device

- The intention of this test plan is to verify that a DER Management Device functions as intended.

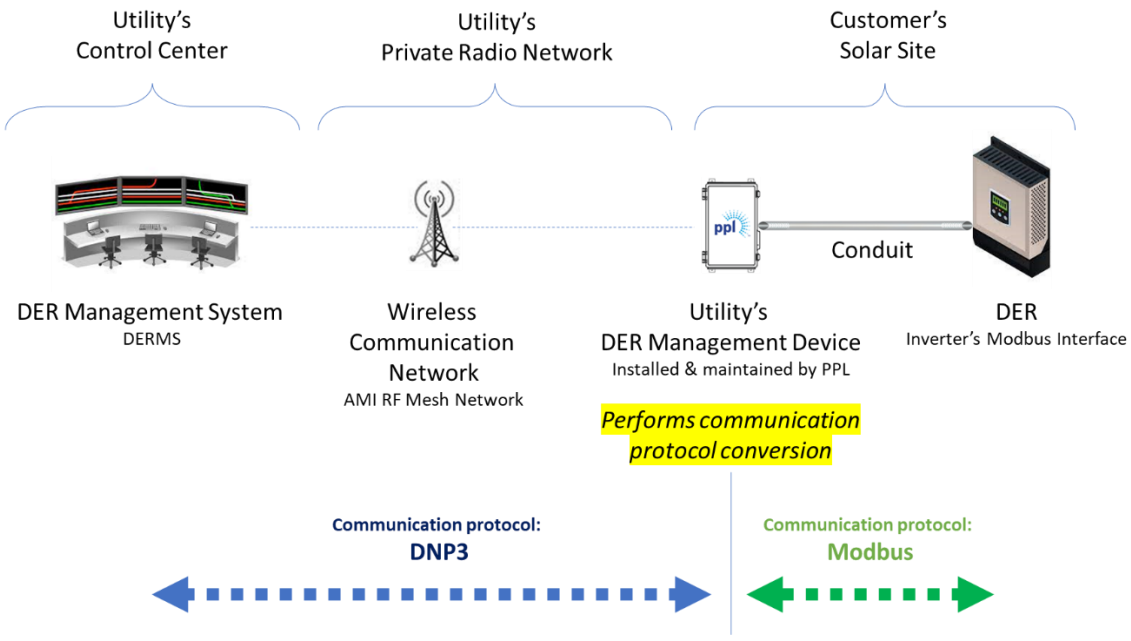

Setup

Typical setup for performing this test:

- Install into the DER Management Device a Landis+Gyr (L+G) radio that is configured to connect to the AMI test network
- Connect DER Management Device's data interface to an inverter (DER)
- Connect power to DER Management Device
    - Verify DER Management Device has expected voltage at its power terminals using a multimeter.
    - Verify DER Management Device's power indicator lights are lit as expected
- Verify L+G radio is properly seated
    - Verify L+G radio LED is lit (indicating power) and network indicator light is "slow" blinking (indicating connection to network)

Verify End-to-End Communication

- Using Command Center, connect to the L+G radio to verify it has connected to the AMI test network
- Using RadioShop:
    - Connect to the L+G radio
    - Deploy DCW associated with the inverter used in the test setup
    - Verify Modbus communication from L+G radio to inverter using Send Generic Command: 00,01,10,10
    - Observe Modbus polling requests and poll responses
    - After confirmation, disable Communication Monitor using Send Generic Command: 00,01,11,11
- Using SUBNET SubSTATION Server ("Subnet"):
    - Configure Subnet to connect to L+G radio and load the data template associated with the inverter used in the test setup
    - Open Subnet Communication Monitor feature to observe outgoing DNP poll requests and incoming poll responses
    - Observe inverter data in Subnet interface

PPL Electric Exhibit AD-3

ConnectDER

Meter Socket Adapters

What are they and what do they do?
How are they tested?
What is the industry best practice?

PPL 4/25/24

Dan Falcone VP Product dfalcone@connectder.com
Jon Knauer VP Policy jknauer@connectder.com
Colin Mattox Director EV cmattox@connectder.com
Martin Vilarino Product Manager mvilarino@connectder.com

What is a Meter Socket Adapter (MSA)?

- An MSA is a unique hardware interface/gateway physically installed between a meter socket and a utility billing meter to accommodate streamlined interconnection of Distributed Energy Resources (DER's)

- An MSA works on most homes and eliminates the need for service upgrades, modification to existing service equipment, or main panel upgrades (MPU)

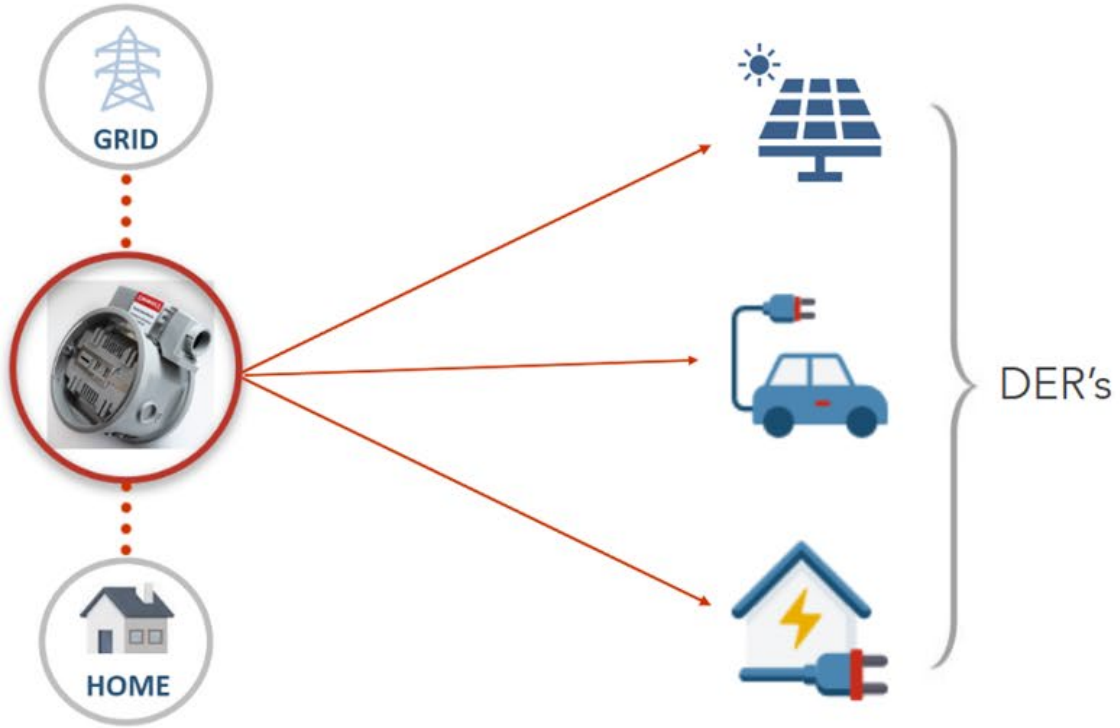

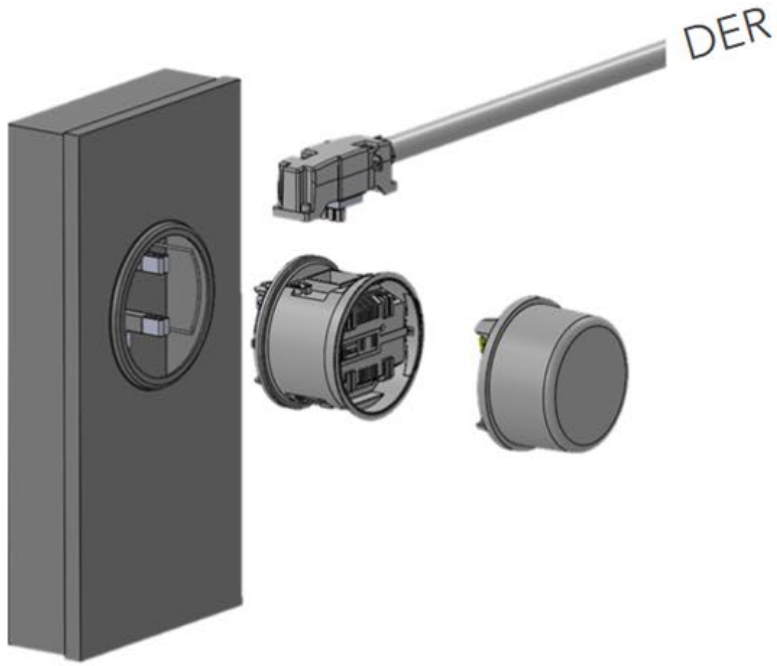

Meter Socket Adapter (MSA)

→ What is an MSA? How is it Tested / Certified?

- "*A meter socket adapter is an enclosed construction with blades and jaws intended for installation between a meter socket and the utility meter…The typical meter socket adapter is a circular 'collar' type device…utilized in many different applications, such as meter conversions, transfer of meter position, distributed energy connections, surge protection, metering and communication…*"
- Physical / electrical aspects are covered by:
  - ANSI/NEMA C12.7, Requirement for watthour meter sockets
  - C12.10, Electromechanical watthour meters
  - UL 414, Meter Sockets

National Electrical Manufacturers Association

https://www.nema.org/docs/default-source/technical-document-library/nema-us-80016-2022-aspublished.pdf?sfvrsn=a4caa6df_3#:~:text=A%20meter%20socket%20adapter%20is,grown%20steadily%20over%20the%20years

Interconnection Simplified

Connecting Solar PV

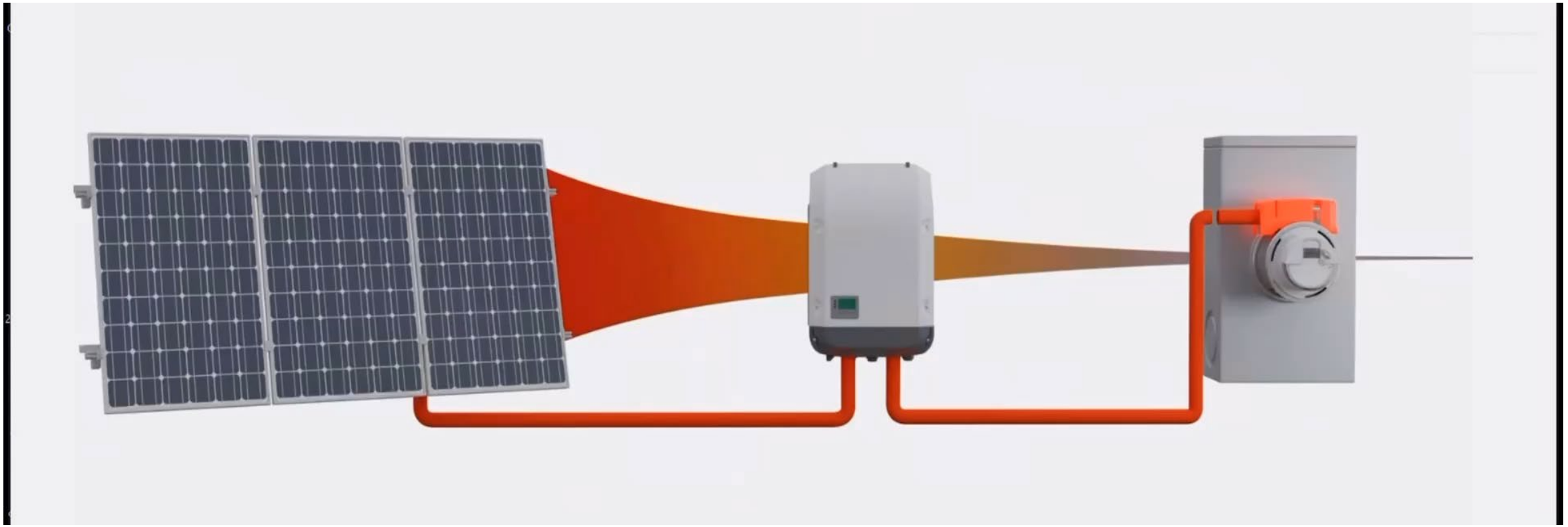

We know that the *UTILITY* has ambitious goals and the energy industry is moving to electrification

Support DERs

With pending climate goals, upcoming electrification, and increasing load forecasts, increased enablement of DERs is key for success.

Improve Customer Satisfaction

Utilities are being evaluated for customer facing programs and support in addition to providing safe and reliable power.

Improve equitable and affordable options

Electrification is more challenging for lower and middle income customers. Adoption of technology can allow more flexibility and options for electrification.

The challenge: Service panels limit how quickly and effectively customers and the Utility can reach these goals

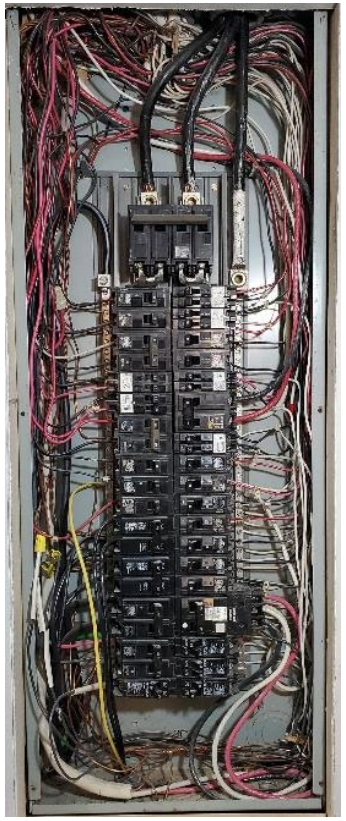

- **Low-tech**: Most panels do not allow for integration of new technology and resources
- **Undersized**: Panels cannot accommodate increasing need for DERs like rooftop solar PV and EVSEs
- **Hard to reach**: Panels may be inconveniently located, requiring structural changes to accommodate additional appliances and end-uses
- **Expensive to replace**: Main panel upgrades can cost $2-$5,000 or more

Additional Challenges

- **Lack of Standardized Interconnection Methods**: Other ‘supply-side’ interconnection methods vary noticeably in quality, safety, consistency and local approval

- **Complicated/Dangerous Site Inspections**: Pre-sales/installation site visits to investigate interconnection options can be complex, dangerous and requires special training

- **Meter-Main Combo Panels**: Combination panels with meter and service panel in same enclosure, typically found in Western/Southern U.S. can be difficult or impossible for DER’s to interconnect within

- **Indoor Work & Disruption**: Routing DER circuits through/across internal walls, floors, attics and basements is laborious and invasive to homeowners

- **Cost**: Standardizing around a single interconnection method that is outdoor MSA-based can save upwards of $2-5,000 per DER installation

Electrification for the Consumer will be costly!

- For residential buildings and the end consumer, electrification may involve:

  - ASHP – Air Source Heat Pump in place of gas / oil heat
  - Electric hot water – on demand, tank, via heat pump
  - EVSE – Electric Vehicle Supply Equipment – EV Chargers
  - BESS - Battery Energy Storage Systems
  - PV Solar – residential PV solar systems

- Many of these technologies have added cost for home wiring, service panel upgrades, and challenges with physical location of assets.

- The global market in the US exceeds $100 billion!

- MSAs can enable significant cost savings as we move to electrification by reducing labor costs and standardizing installations!

Reference: Pecan Street & Juniper Research

ConnectDER MSAs connect solar, EVSE, and more without costly upgrades

Overview

- Extension of meter socket – fits between customer's meter socket and utility meter
- 200 Amp continuous rating – same as the meter and socket
- Installed by qualified personnel in under 15 minutes
- UL Listed (414 - Meter Sockets)

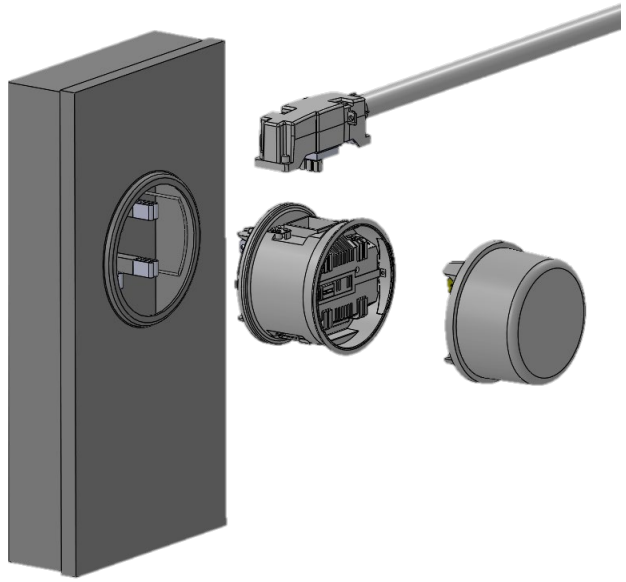

Plug-in adapter uses meter socket instead of the service panel

Ease of Installation

Plug & Play Design

- Design improvements based on utility feedback for ease of removal of MSA without special tooling
- Can be disassembled and removed with leather protectors over secondary gloves
- Uses industry standard meter seals for securing
- *ConnectDER has a patent on the specific design

MSA Install

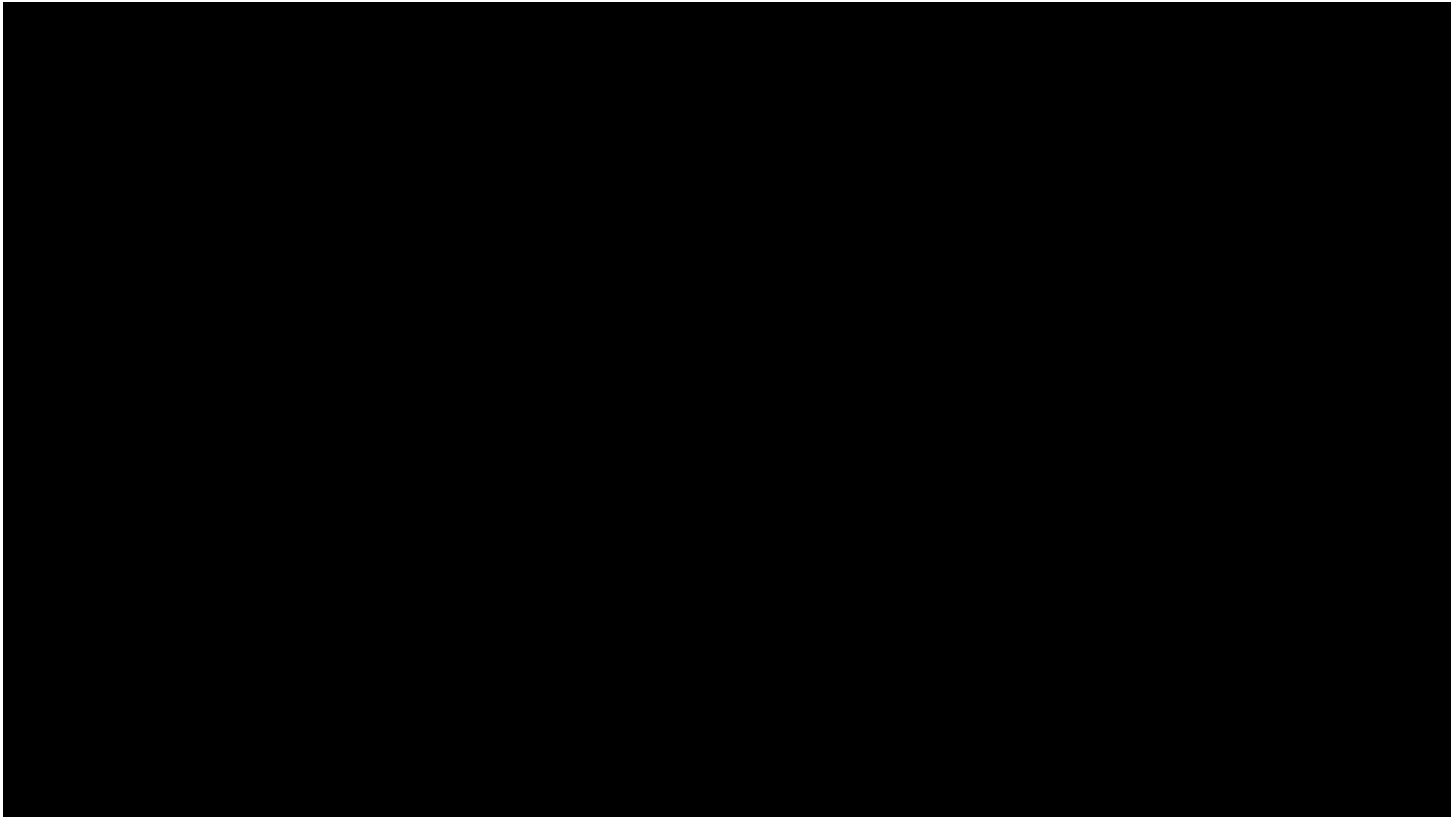

UL Testing

- UL Solutions evaluates product for safety in several ways
- UL Solutions has tested certified and listed the ConnectDER MSA against UL 414, SA & SB
- UL File #E361188

Hazard	Purpose	Tests
Installation Safety	• Safe installation for trained installer • Fit for purpose for installation in Meter Socket and with a Meter • Resistant to environmental factors	• Construction Review • Markings Review • Installation Manual Review, • Insertion and Withdrawal Force for Meter Jaws • Strength Test of Insulating Base and Support • Rain Test • Ball Impact • Crushing Resistance
Thermal Safety	• Resistance to fire • No risk of fire from internal sources • Controlled heat for adjacent structures and equipment	• Construction Review • Flammability • Heat Rise • Short Circuit • Dielectric Voltage Withstand
Electrical Safety	• No risk of electrocution from exposed live parts • Proper grounding • Internal insulation and clearances to prevent short circuits	• Construction Review • Mold Stress Relief Distortion • Dielectric Voltage Withstand • Bonding Continuity • Short Circuit • Ball Impact • Crushing Resistance • Rain Test

Test	Test Criteria	Applicable Standard (Clause)	Result
Construction Review	• Ensure all components and materials are UL LISTED and/or meet corresponding UL® standards. • Measure that creepage and clearances for all electrical conductors meet or exceed minimum requirements. • Confirm that insulation thickness and bend radius of all wire conductors meet or exceed the minimum requirement. • Verify that dimensions are compatible with Meters and Meter Sockets.	UL 414 (3-12) UL 414A (SA2) UL 414B (SB5-SB7)	☑ PASS
Flammability	• Ensure material does not sustain flame or produce flaming debris. • Ensure exposure to flame does not result in opening that could expose live parts.	UL 746C (52)	☑ PASS
Crushing Resistance	• Ensure exposed surface of the product resists to crushing force of at least 100 lbs.	UL 746C (55)	☑ PASS
Resistance to Impact	• Ensure exposed surface of the product resists to impact of at least 5 ft-lbs (3 different locations).	UL 746C (56)	☑ PASS
Mold Stress Relief Distortion	• Ensure that the product does not shrink or distort in a way that reduces clearances, expose live parts to contact, or cause interference with the operation of the product, following heating at 10C above maximum operating temperature.	UL 746C (61)	☑ PASS
Rain Test	• Ensure no water from simulated rain enters the enclosure above the lowest live part or terminal. • Ensure no water comes in contact with live parts or insulating material.	UL 414 (17)	☑ PASS
Insertion and Withdrawal Force for Meter Jaws	• Ensure no operation (insertion or removal) requires force greater than 100lbs. • Ensure no damage (e.g. cracking) occurs during insertion or removal.	UL 414 (19)	☑ PASS
Dielectric Voltage Withstand	• Ensure that product can withstand 1480V between live parts or opposite polarity, and live parts to enclosure.	UL 414 (20.1)	☑ PASS

Test	Test Criteria	Applicable Standard (Clause)	Result
Bonding Continuity	• Ensure continuity between the grounding straps on the top of the MSA and the tabs on the base.	UL 414 (22)	☑ PASS
Strength Test of Insulating Base and Support	• Ensure the insulating base of the Junction Box is not damaged when applying 110% of the torque marked on the unit to the field wiring terminals.	UL 414 (24)	☑ PASS
Heat Rise	• Ensure that temperature rise observed in the product does not exceed 65C for jaws (*) and bus bars, 60C on factory wiring terminals, and 55C for field wiring terminals under the maximum rated current. (*) Meter Socket Jaw Heat Rise values are corrected based on measurements with a simulated meter only, as ConnectDER Solar MSAs are not intended for use in a specific meter socket (SB12.2).	UL 414B (SB12)	☑ PASS
Short Circuit	• Ensure the product can withstand a short circuit of 22kA on the DER branch circuit without: o damage to the enclose that would expose live parts o excess current to ground o Arcing between live parts of opposite polarity o Failure of a dielectric voltage-withstand test	UL 414B (SB13)	☑ PASS
Markings	• Ensure all required marking, such as voltage, continuous current, and short circuit current ratings, are included.	UL 414B (SB14)	☑ PASS
Installation Manual	• Ensure the installation manual includes required instruction, such as proper installation of the field wiring, grounding conductors, safe installation into a meter socket.	UL 414B (SB15)	☑ PASS

The regulatory landscape has shifted aggressively to electrification

- Legislation and Regulatory proceedings in 10+ states
- Markets in Texas, New England, and the Northwest are in scope for 2024
- Examples of current political environment with regards to adoption of technologies for affordable, sociable, and equitable electrification:

Existing
- Colorado
- Arizona
- California
- New Jersey
- New York

Ongoing
- Illinois
- Maryland
- Connecticut
- Massachusetts

Initiated
- DC
- Delaware
- Texas
- New Hampshire
- Michigan

Open Markets

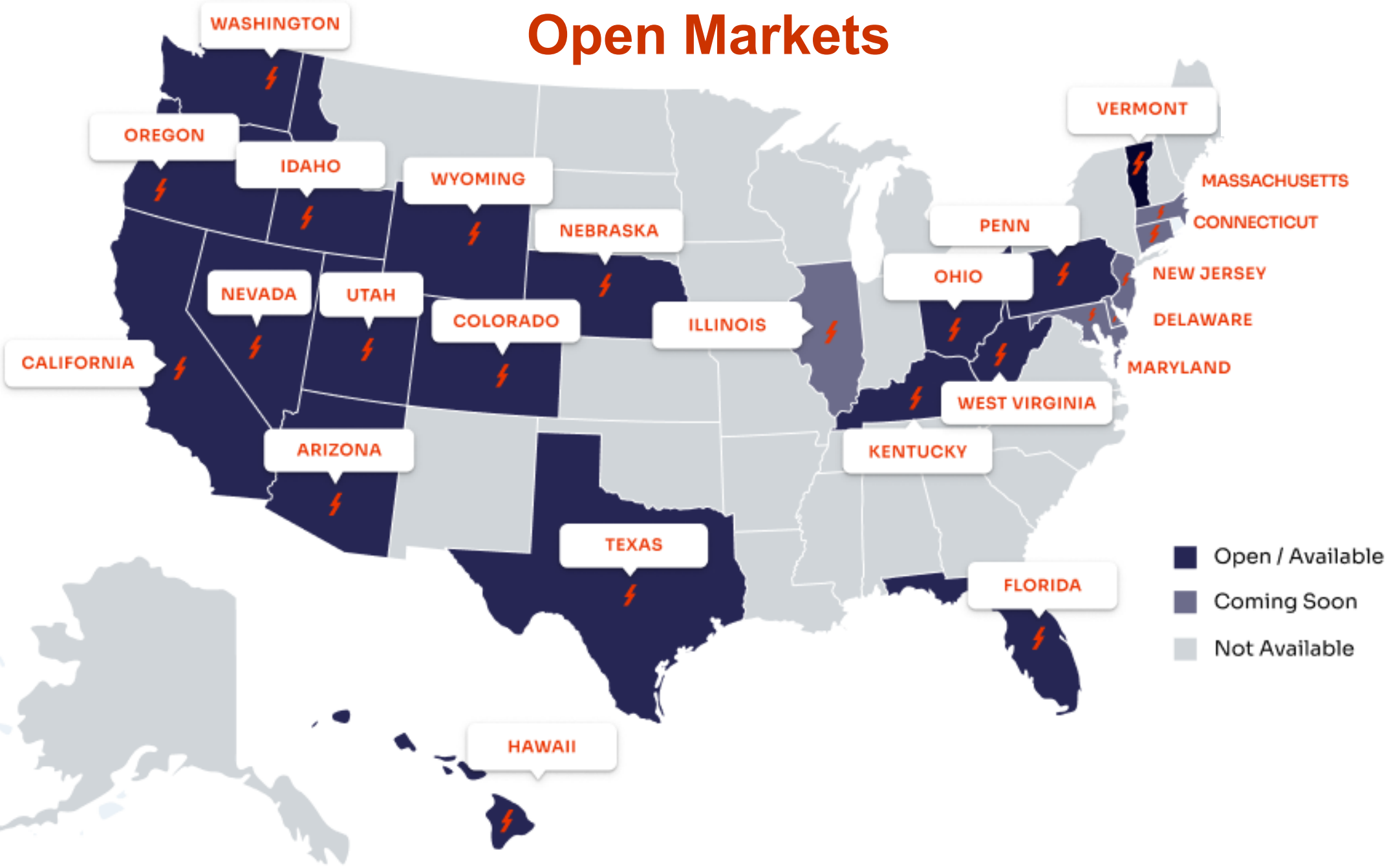

MSA Best Practices

Test & Evaluate

- Test sample units
- Review NRTL / Standards Listing Reports
- Review Manufacturer Documentation
- Intracompany review
- Regulatory response (if applicable)

Approve

- Add to utility handbook / approved list with model numbers
- Update training documentation for meter install / exchange / removal
- Add an option for MSA selection within DER interconnection applications
- Inform field crews of new customer owned device

Open Market

- Manufacturer begins sales in the approved service territory
- Interconnection applications are processed with an MSA
- Customer Installs begin
- Products are promoted to support clean energy goals, electrification, and LMI programs / initiatives

ConnectDER

Thank You

Questions and Discussion

https://connectder.com

Appendix Sheets

Supply Side Connection

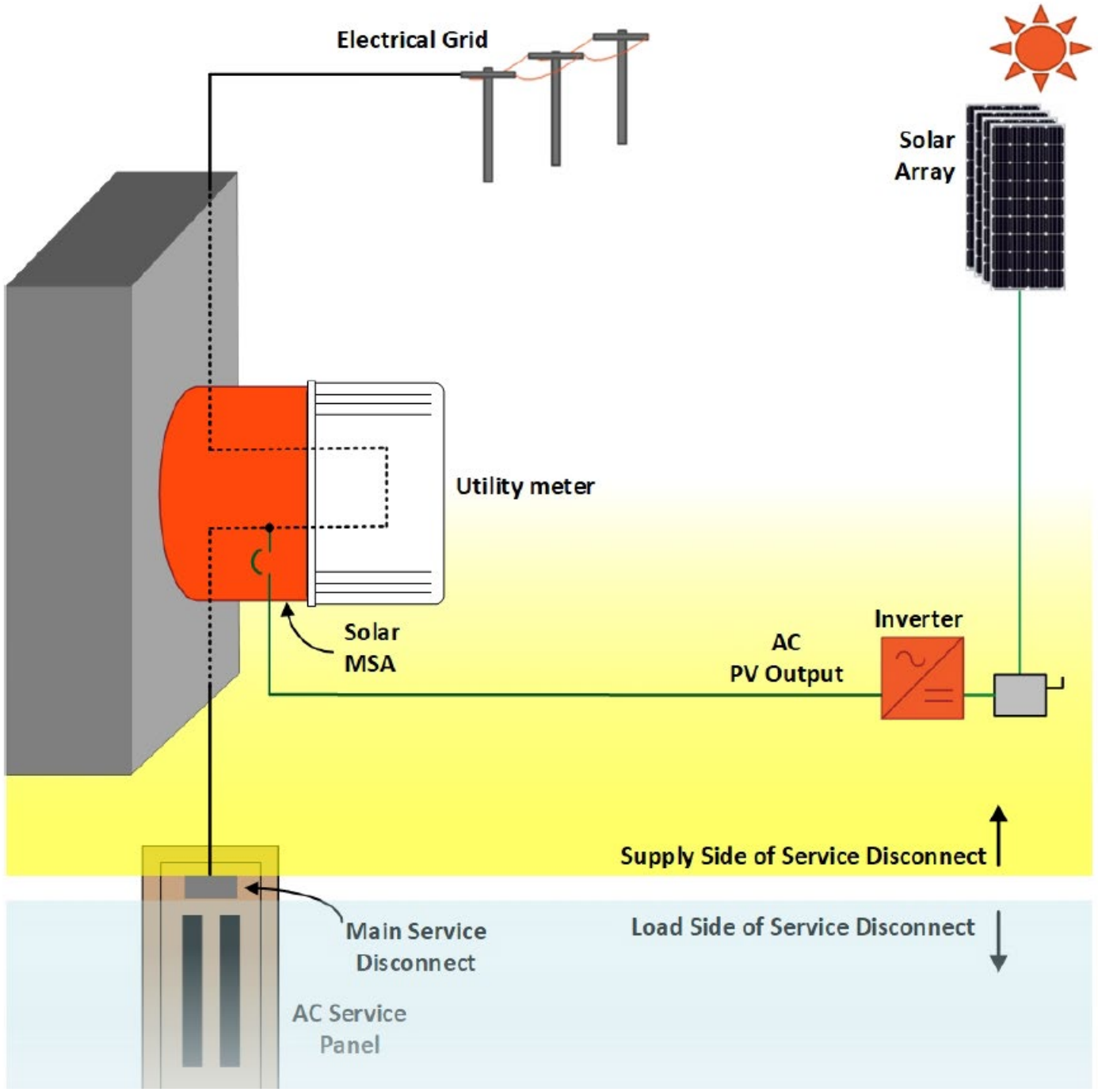

Updated Bus Bars

- Tin platted copper bus bars improve ampacity rating, heat rise rating, and overall durability / construction
- Design improvements based on utility feedback, ANSI C12 requirements, and product longevity
- Metal spring clip also improves jaw retention while maintaining consistent force
- *ConnectDER has a patent on the specific design

Updated Bus Bars

REV.	DESCRIPTION	DATE	APPROVED
A	V5 INITIAL RELEASE	1/19/2023	BL

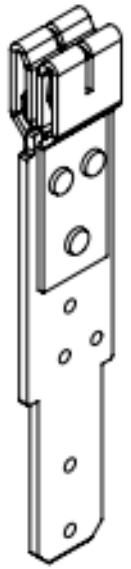

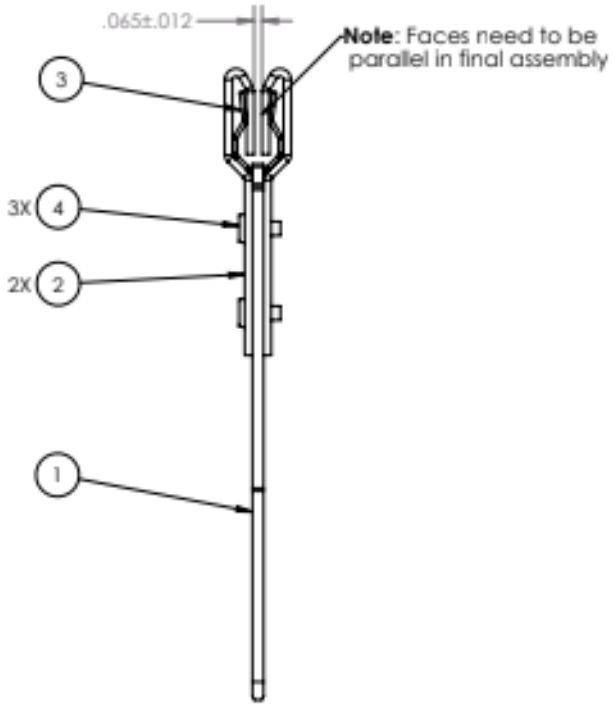

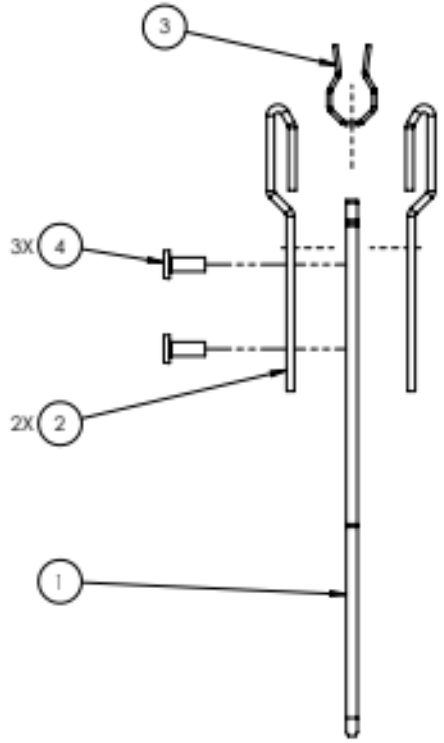

Note: This subassembly must have an insertion force between 12-23 lbf per provided test procedure

ITEM NO.	DESCRIPTION	PROCUREMENT TYPE	CONNECTDER PART NO.	VENDOR	VENDOR PART NO.	QTY.
1	Flat Blade Bus	CUSTOM	V5-FBB-094-A	-	-	1
2	Blade Jaw	CUSTOM	V5-BJ-063-A	-	-	2
3	Jaw Spring	CUSTOM	V5-JS-032-A	-	-	1
4	Copper Rivet - 3MM	COTS	-		HD624046	3

Assembly		
CATEGORY	BLADE	
MODEL	V5	
STATUS	PRODUCTION	
DRAWN	K.BENTLEY	1/19/2023
CHECKED	B. LEWIS	1/20/23
APPROVED	J. SCABARDI3	1/20/23

ConnectDER

TITLE: BASE BLADE ASSEMBLY

SIZE	PART NO.	REV
B	V5-BBA-ASMB-A	A

SCALE: 1:1 | WEIGHT: | SHEET 1 OF 1

Solar MSA V5.2

Key Features

- Rated for use in up to 200 Amp services
- 15-80 Amp circuit breaker options
- Up to 15.36 kW PV Solar
- 22k AIC / AIR rating
- 2S and 12S meter forms

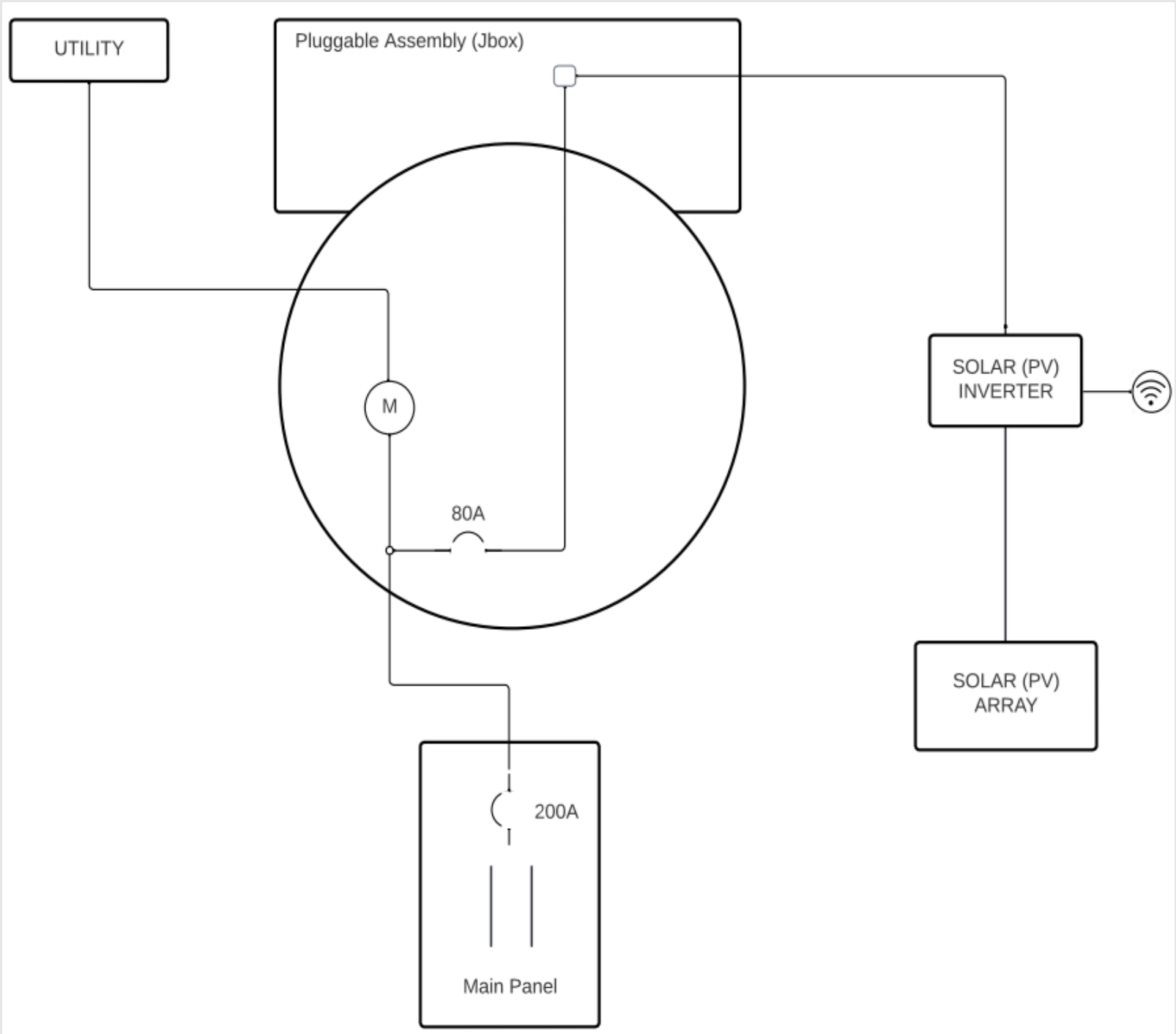

Wiring Diagram

SOLAR PV INTERCONNECTION WIRING EXAMPLE – LOAD SIDE MSA

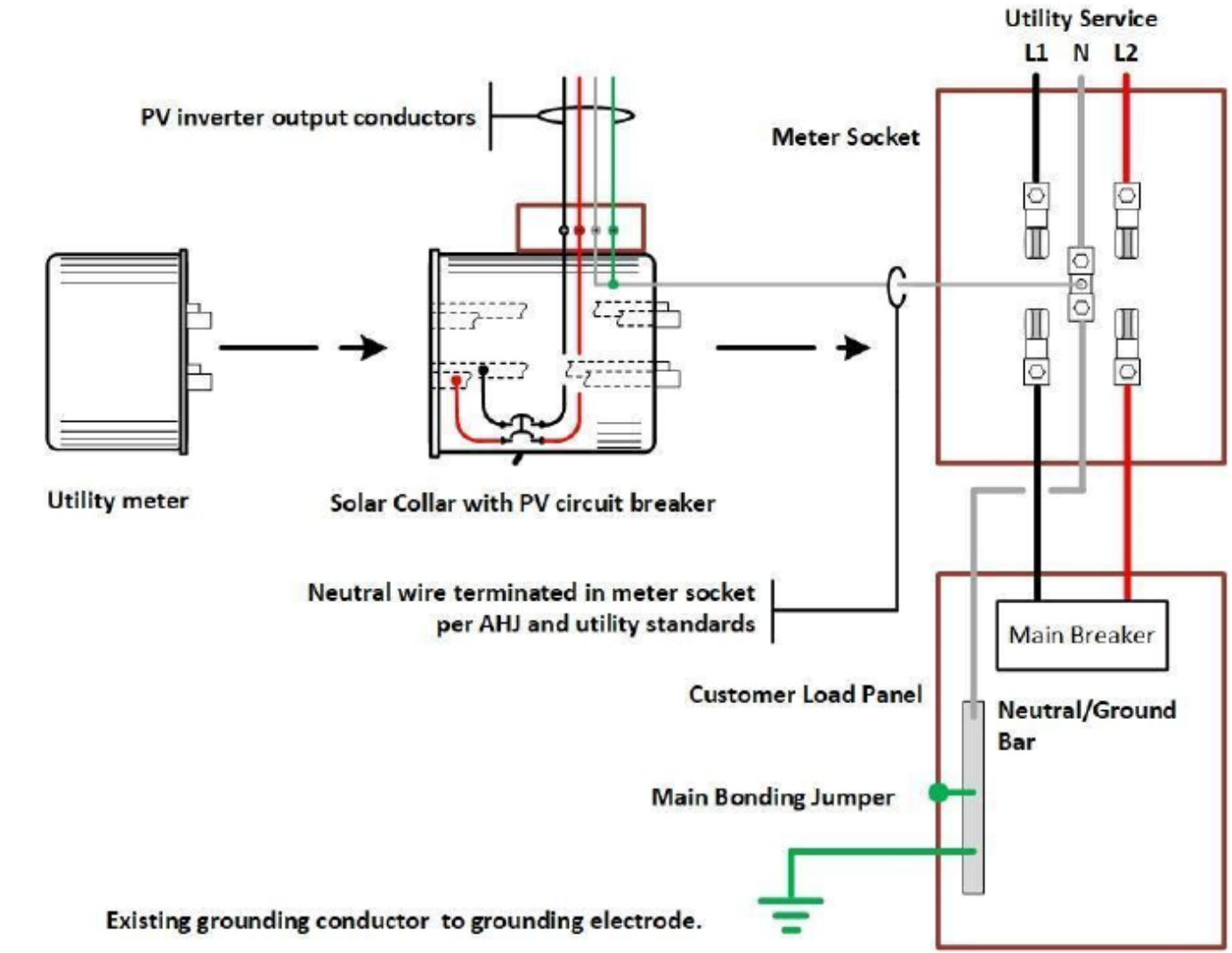

NOTE – The MSA creates a supply-side PV/DER interconnection on the load side of the meter. The MSA contains a factory-installed neutral-to-ground bond.

Wiring Diagram

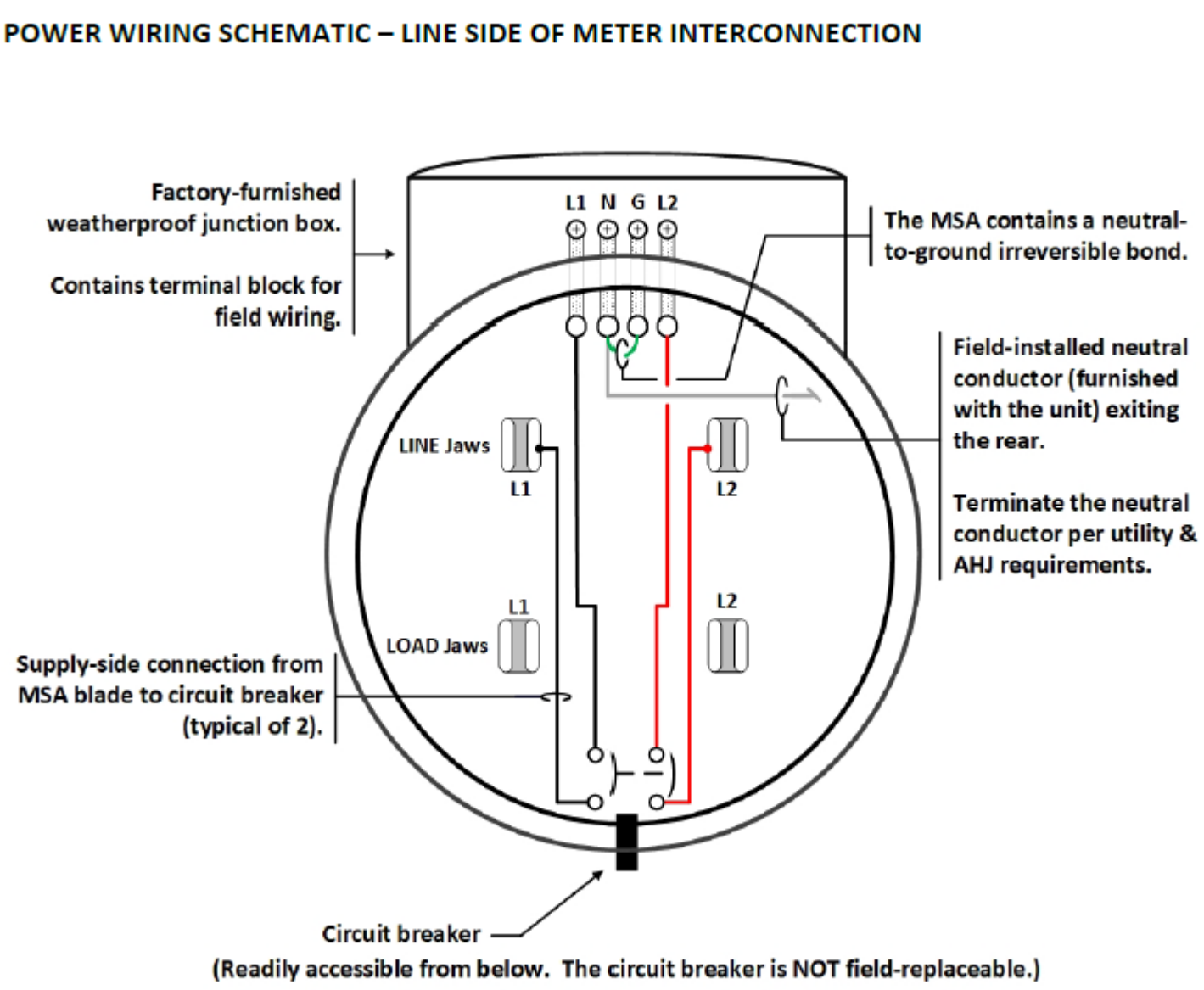

Single Line
Solar PV & MSA

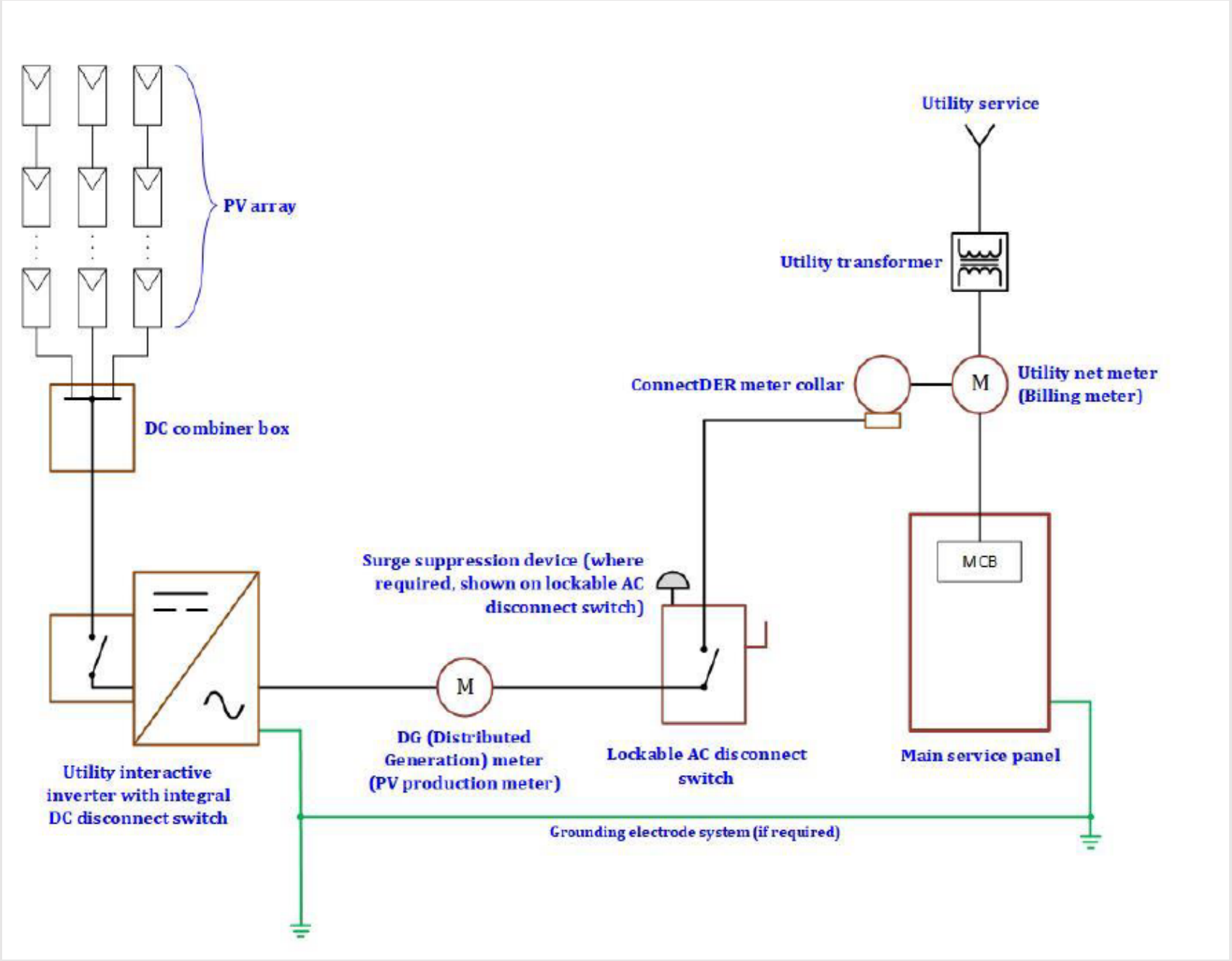

Current and Future Product Lines

Solar MSA

- Simple interconnection of solar PV to the home
- Addresses common problems, typical of solar installations - connecting to problematic / difficult to access service panels and expensive service upgrades due to overfull / undersized service panels
- Future data-out feature enables solar + storage for advanced grid functions, devalued net-metering (NEM 3.0) and partial-home backup

EV MSA

- Simple connection of level 2 EV charging equipment (EVSE) to the home
- Mitigates the most common obstacle to adoption - undersized service panels that require costly replacement
- Enables bidirectional EVSE for charging and vehicle-to-grid (V2G) configurations
- Data-out version enables multi-DER applications, i.e. solar + stationary storage

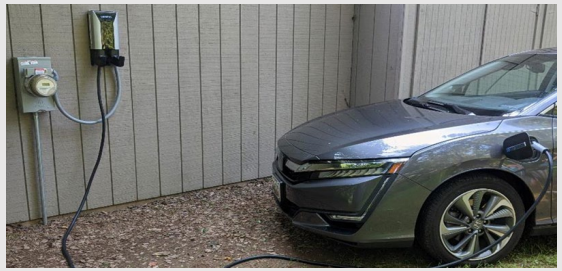

IslandDER MSA

- Simple connection of multi-DER configurations
  - ✓ Solar PV
  - ✓ EV charging equipment (EVSE)
  - ✓ Energy Storage Systems (ESS)
- Avoids problematic service panels and costly service upgrades
- Enables bidirectional EVSE for charging and V2H V2G, V2X applications
- Streamlined, more cost effective whole - house disconnect during grid outages for microgrid operation

ConnectDER

Meter Socket Adapter Functional, Temperature, and Mechanical Testing

PPL 4/25/24

Dan Falcone VP Product dfalcone@connectder.com
Jon Knauer VP Policy jknauer@connectder.com
Colin Mattox Director EV cmattox@connectder.com
Martin Vilarino Product Manager mvilarino@connectder.com

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- Physical / electrical aspects are covered by:
  - ANSI/NEMA C12.7, Requirement for watthour meter sockets
  - C12.10, Electromechanical watthour meters
  - UL 414, Meter Sockets (including SA, SB)

National Electrical Manufacturers Association

https://www.nema.org/docs/default-source/technical-document-library/nema-us-80016-2022-aspublished.pdf?sfvrsn=a4caa6df_3#:~:text=A%20meter%20socket%20adapter%20is,grown%20steadily%20over%20the%20years

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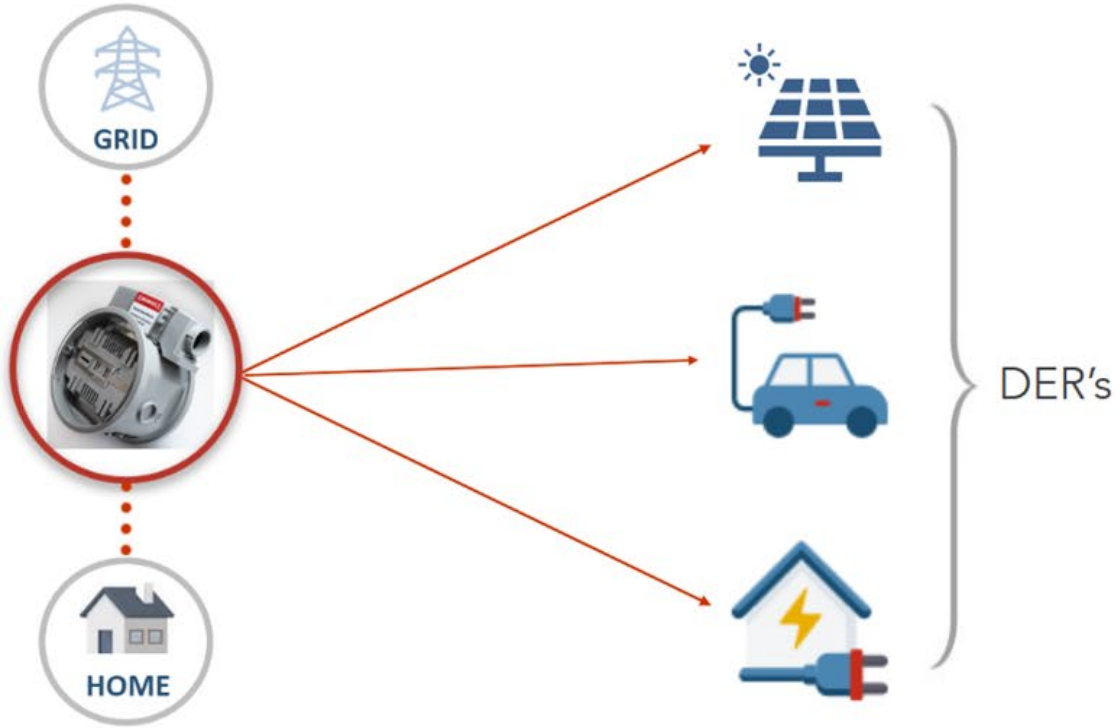

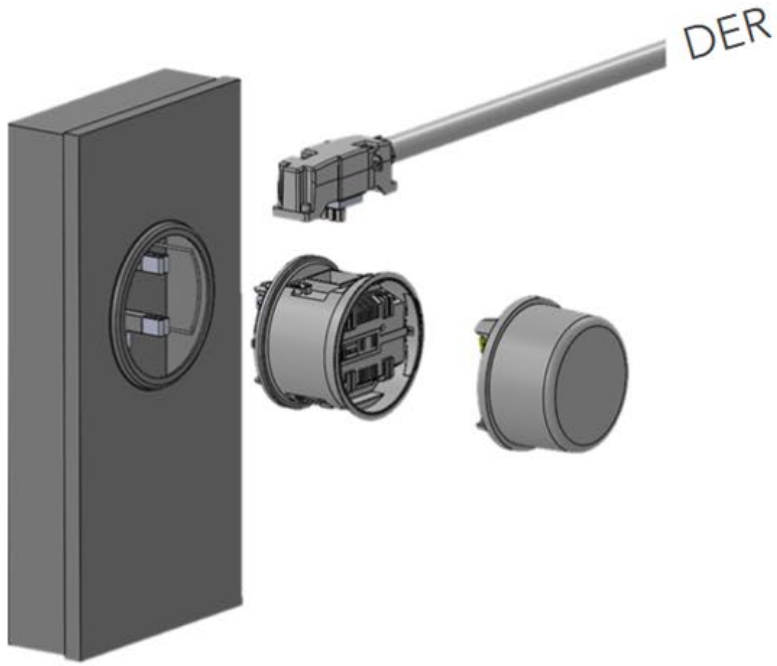

INTERCONNECTION SIMPLIFIED

Connecting Solar PV

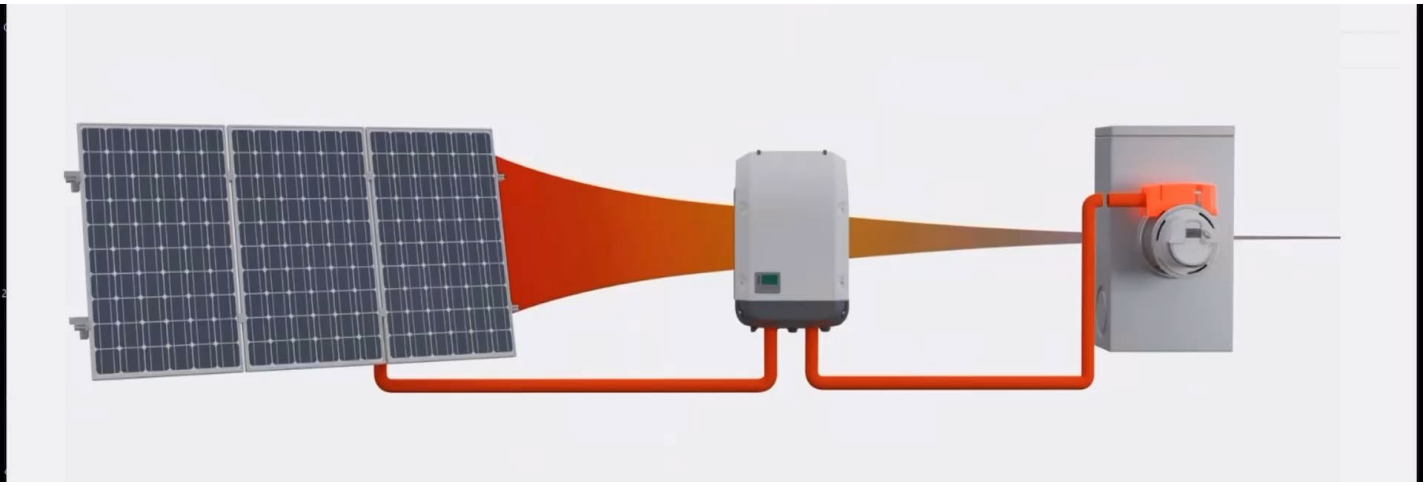

Connecting EVSE

Functional Testing

- Meters were accuracy tested with and without a MSA under FL, LL, PF, 50A, 100A, & 200 Amp conditions
- Tested in Delivered (FWD) and Received (RVS) Directions
- Tested with a TESCO 3050
- A sample of meters was used with extremely varied service life

Sample	Meter Type	Meter	Form	Result
1.	Electronic Meters	Aclara I-210+	2S	PASS
2.		Aclara I-210+c	2S	PASS
3.		Aclara I-210+c	12S	PASS
4.		Aclara I-210+ce	2S	PASS
5.		GE I-210	2S	PASS
6.		Centron CN1S	12S	PASS
7.		Centron C1S	2S	PASS
8.		Centron C1SD	2S	PASS
9.		Landis & Gyr Focus	2S	PASS
10.	Electromechanical Meters	ABB D5S	2S	PASS
11.		Elster AB1	2S	PASS
12.		GE I-70-SM	2S	PASS
13.		Schlumberger J5S	2S	PASS
14.		Westinghouse D4ST	2S	PASS

Functional Testing

Meter Only	With ConnectDER (MSA)	Meter Only	With ConnectDER (MSA)
			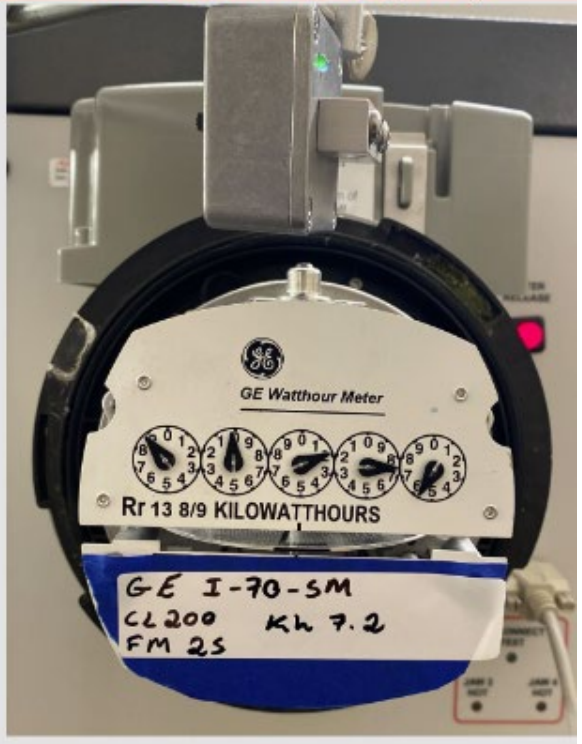

Functional Testing

- Meters were tested 3 times in a row with and without a MSA installed
- Weighted Average (4*FL+LL/5) was used to record accuracy results
- All tests were performed with a recently calibrated TESCO 3050
- There was NO impact to meter function / accuracy under any scenario

S. No.	Meter Type	Class	Form	KH	METER ONLY		w/ Meter Socket Adapter (MSA)	
					Weighted Avg		Weighted Avg	
					Delivered	Received	Delivered	Received
1	Aclara I-210+	200	2S	10	99.86	99.88	99.84	99.85
2					99.85	99.87	99.84	99.85
3					99.84	99.87	99.84	99.85
		Overall average			99.85	99.87	99.84	99.85
4	Aclara I-210+c	200	2S	10	99.94	99.98	99.93	99.98
5					99.94	99.97	99.93	99.98
6					99.94	99.97	99.93	99.99
		Overall average			99.94	99.97	99.93	99.98
7	Aclara I-210+c	200	12S	10	99.97	99.96	99.96	99.99
8					99.97	99.96	99.97	99.99
9					99.98	99.98	99.97	100.00
		Overall average			99.97	99.97	99.97	99.99
10	Aclara I-210+ce	200	2S	10	99.95	99.98	99.93	100.00
11					99.96	99.98	99.94	100.01
12					99.96	99.98	99.94	100.00
		Overall average			99.96	99.98	99.94	100.00
13	GE I-210	200	2S	10	100.02	100.02	99.99	100.06
14					100.00	100.02	100.00	100.03
15					99.99	100.03	100.01	100.03
		Overall average			100.00	100.02	100.00	100.04
16	Landis+Gyr Focus	200	2S	7.2	100.04	100.07	100.03	100.10
17					100.05	100.08	100.04	100.10
18					100.07	100.08	100.05	100.10
		Overall average			100.05	100.08	100.04	100.10
19	Centron CN1S	200	12S	1	100.13	100.17	100.12	100.17
20					100.12	100.16	100.11	100.17
21					100.12	100.17	100.11	100.17
		Overall average			100.12	100.17	100.11	100.17

Functional Testing

- Meters were tested 3 times in a row with and without a MSA installed
- Weighted Average (4*FL+LL/5) was used to record accuracy results
- All tests were performed with a recently calibrated TESCO 3050
- There was NO impact to meter function / accuracy under any scenario

S. No.	Meter Type	Class	Form	KH	METER ONLY Weighted Avg Delivered	METER ONLY Weighted Avg Received	w/ Meter Socket Adapter (MSA) Weighted Avg Delivered	w/ Meter Socket Adapter (MSA) Weighted Avg Received
22	Centron C1S	200	2S	1	99.96	99.99	99.96	99.99
23					99.96	99.99	99.96	99.99
24					99.95	100.00	99.98	99.99
		Overall average			99.96	99.99	99.96	99.99
25	Centron C1SD	200	2S	1	99.84	99.86	99.87	99.91
26					99.72	99.87	99.80	99.90
27					99.83	99.79	99.87	99.88
		Overall average			99.80	99.84	99.85	99.90
	MECHANICAL METERS							
28	ABB D5S	200	2S	7.2	99.54	99.46	99.43	99.50
29					99.51	99.45	99.50	99.47
30					99.63	99.35	99.56	99.32
		Overall average			99.56	99.42	99.50	99.43
31	ELSTER AB1*	200	2S	7.2	101.11	100.52	101.24	100.69
32					101.14	100.58	101.16	100.74
33					101.15	100.52	101.21	100.53
		Overall average			101.13	100.54	101.20	100.65
34	GE I-70-SM	200	2S	7.2	99.78	99.35	99.74	99.32
35					99.78	99.29	99.71	99.24
36					99.79	99.31	99.68	99.19
		Overall average			99.78	99.31	99.71	99.25
37	Schlumberger J5S	200	2S	7.2	99.34	98.59	99.36	98.57
38					99.33	98.64	99.25	98.55
39					99.29	98.59	99.23	98.52
		Overall average			99.32	98.61	99.28	98.54
40	Westinghouse D4ST*	200	2S	7.2	99.75	98.52	99.55	98.58
41					99.49	98.38	99.34	98.39
42					99.54	98.02	99.39	98.15
		Overall average			99.59	98.31	99.43	98.37

Functional Testing

Meter Type	Class	Form	Kh	Current (A)	METER ONLY		w/ Meter Socket Adapter (MSA)	
					Weighted Avg		Weighted Avg	
					Delivered	Received	Delivered	Received
Aclara I-210+c	200	12S	10	50	99.95	99.97	99.95	99.97
				100	99.91	99.97	99.93	99.99
				200	99.92	99.98	99.92	99.99
Landis+Gyr Focus	200	2S	10	50	100.01	100.07	100.05	100.10
				100	100.06	100.12	100.06	100.12
				200	99.91	100.11	100.02	100.13
GE I-70-SM	200	2S	7.2	50	100.14	99.88	100.50	99.94
				100	99.90	99.85	100.30	99.95
				200	99.98	99.95	99.90	99.79

- Meters were tested with and without a MSA installed
- Meters were tested under higher amperage – 50 then 100 then 100Amps
- All tests were performed with a recently calibrated TESCO 3050
- There was NO impact to meter function / accuracy under any scenario

Mechanical Testing

- Various mechanical tests were run on the MSA
- Some tests are being proposed as additions to UL 414 standard
- Some tests were implemented based on industry feedback from utility partners
- The ConnectDER MSA exceeded all test criteria in each scenario

Test	Test Criteria	Result
Junction Box Withdrawal	• Junction Box remains connected to the MSA Upper housing. • MSA remains properly connected to Meter Socket.	PASS
Rapid Withdrawal of Junction Box Under Load	• No catastrophic fault of the system • MSA remains properly connected to Meter Socket.	PASS
NEMA C12.7 6.11 – downward force	• Maintain 75-lbs weight for 60s • No separation greater than 1/8" inch • No deformation to MSA, meter socket, or flanges • MSA remains properly connected to Meter Socket.	PASS
NEMA C12.7 6.11 – upward force	• Maintain 75-lbs weight for 60s • No separation greater than 1/8" inch • No deformation to MSA, meter socket, or flanges • MSA remains properly connected to Meter Socket.	PASS
Pull down on Drip Loop – right angle	• Maintains **150-lbs** weight for 60s • MSA Junction Box remains fully attached. • No gap or opening exposing live conductors in MSA	PASS
Pull down on Drip Loop – straight	• Maintains **100-lbs** weight for 60s • MSA Junction Box remains fully attached. • No gap or opening exposing live conductors in MSA	PASS

Mechanical Testing

- Various mechanical tests were run on the MSA
- Some tests were implemented based on industry feedback from utility partners
- Environmental tests were run to support our product service life
- The ConnectDER MSA exceeded all test criteria in each scenario

Test	Test Criteria	Result
Pull up on Drip Loop - straight	• Maintains **100-lbs** weight for 60s • MSA Junction Box remained fully attached. • No gap or opening exposing live conductors in MSA	PASS
Accelerated Environmental Life Test	• Six (6) years simulated UV and Humidity weathering • MSA remains in acceptable functional condition. • All elements, including upper, lower housing, junction boxes and hinge elements remains intact and functional. • MSA remains properly interfaced with the meter socket connection.	PASS
Weather Simulation Test	• No corrosion noted. • No deleterious discoloration. • Covers and hinged elements are readily removable.	PASS
Salt Spray Test	• No corrosion noted. • Covers and hinged elements are readily removable. • Small amount of salt fog ingress acceptable	PASS
Freeze/Thaw Test	• No signs of damage or degradation • No cracking or deformation • All gaskets and seals remain intact and in good condition • No excess leakage current in Hi Pot test. • No separation of labels	PASS
Rain Test	• No water entry above the lowest live part • No water found on live parts and insulating material	PASS

Mechanical Testing

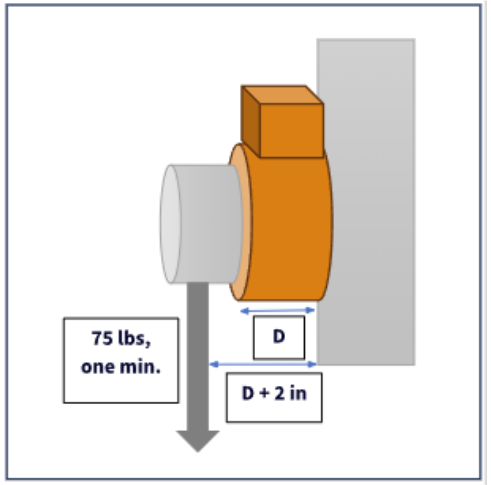

- This is a new proposed test for UL 414
- The criteria was pulled from ANSI / NEMA C12.7 (Downward Force)
- Weights were hung from a simulated meter attached to the MSA
- The ConnectDER MSA exceeded
- the 75# limit and ran past 150#

Mechanical Testing

- Weights were hung from a right-angle conduit connection to the MSA
- Test was run based on utility feedback over torsional force via the conduit
- The ConnectDER MSA exceeded 150# of sustained force

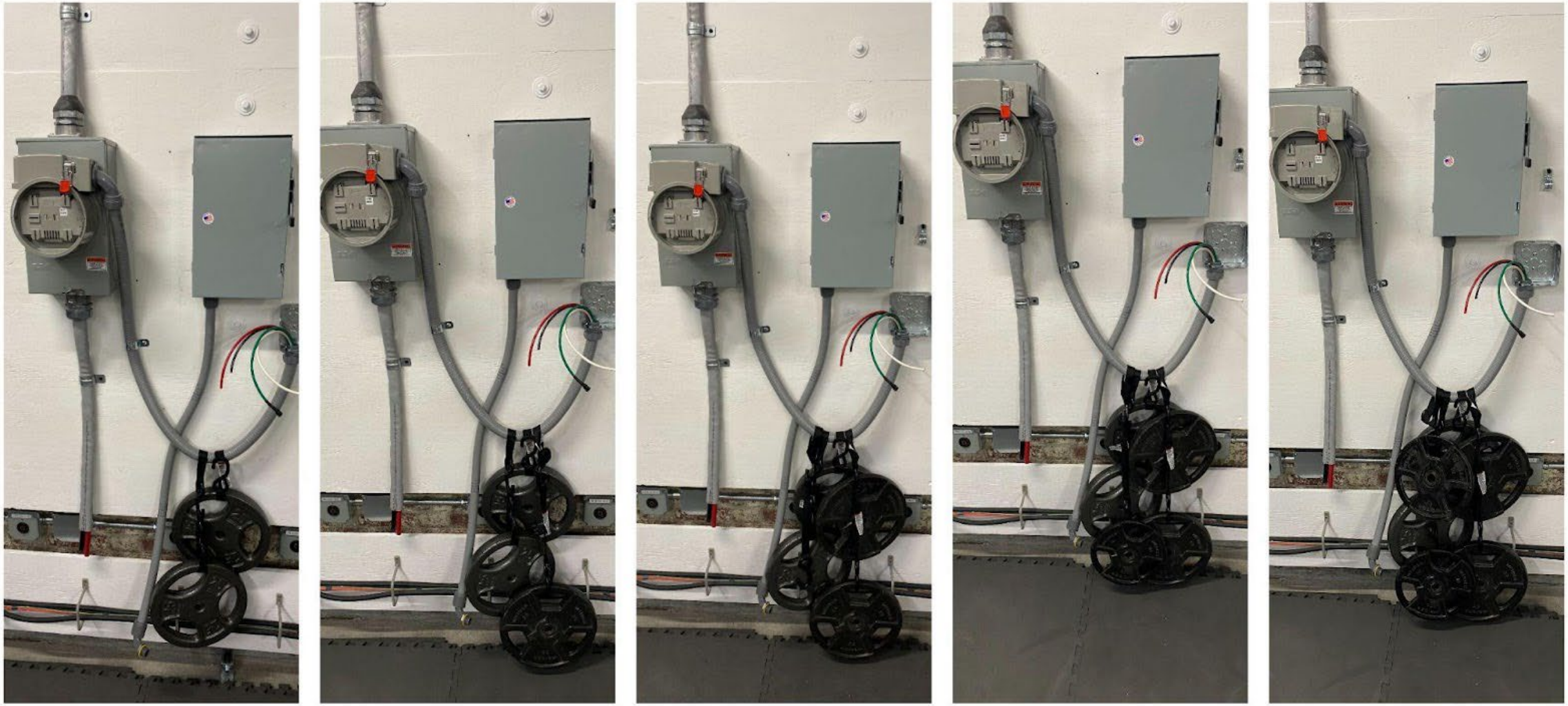

Mechanical Testing

- Weights were hung from a straight conduit connection to the MSA
- Test was run based on utility feedback over torsional force via the conduit
- The ConnectDER MSA exceeded 100# of sustained force

Mechanical Testing – Environmental

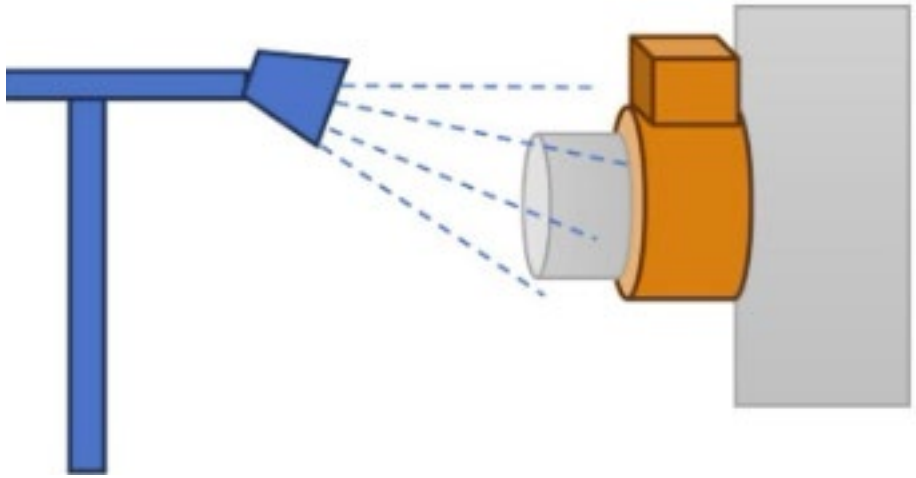

- The MSA was ran through a rain test, UV test, freeze thaw test, salt spray test, and other environmental conditions
- Moisture was looked for in 6 different places and not found
- Corrosion was also investigated
- The ConnectDER MSA exceeded all test criteria

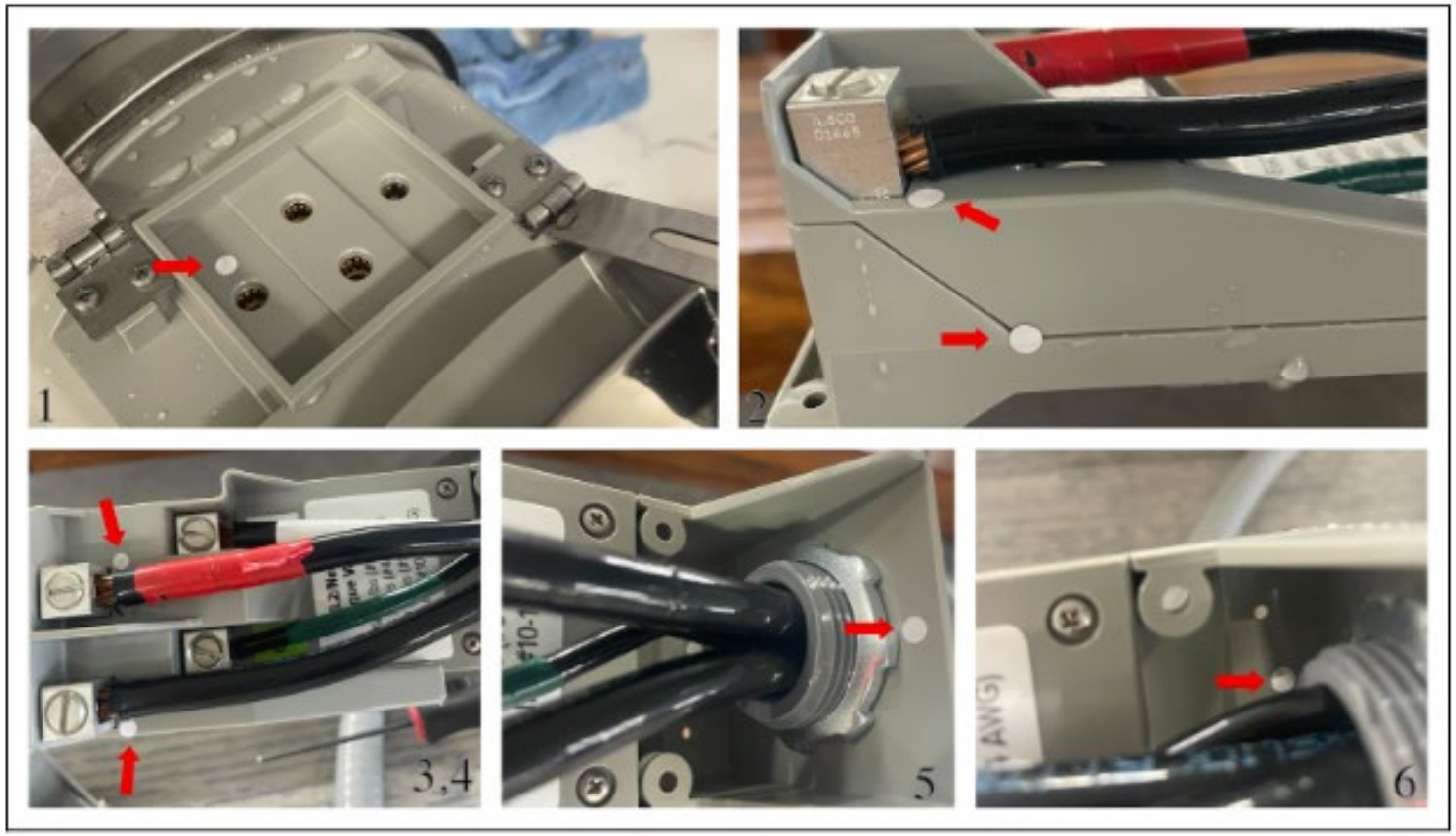

Temperature Testing

- Heat Rise is also formally conducted by UL for certification and listing

Test	Test Criteria	Result
Heat Rise	• Ensure that temperature rise observed in the product does not exceed 65C for jaws (*) and bus bars, 60C on factory wiring terminals, and 55C for field wiring terminals under the maximum rated current. (*) Meter Socket Jaw Heat Rise values are corrected based on measurements with a simulated meter only, as ConnectDER Solar MSAs are not intended for use in a specific meter socket (SB12.2).	PASS

Temperature Testing – Heat Rise

No	Location of Thermocouples	Heat Rise Limit
1	Meter Socket Jaw – Line Side – L1	65°C (*)
2	Meter Socket Jaw – Line Side – L2	65°C (*)
3	Meter Socket Jaw – Load Side – L1	65°C (*)
4	Meter Socket Jaw – Load Side – L2	65°C (*)
5	MSA Jaw – Line Side – L1	65°C
6	MSA Jaw – Line Side – L2	65°C
7	MSA Jaw – Load Side – L1	65°C
8	MSA Jaw – Load Side – L2	65°C
9	MSA Breaker Lug – L2	60°C
10	MSA Breaker Lug – L1	60°C
11	MSA Lugs to Junction Box connector – L2	60°C
12	MSA Lugs to Junction Box connector – L1	60°C
13	Junction Box Field Wiring Lugs – L2	55°C
14	Junction Box Field Wiring Lugs – L1	55°C
15	MSA Junction Box Connector – L2	65°C
16	MSA Junction Box Connector – L1	65°C

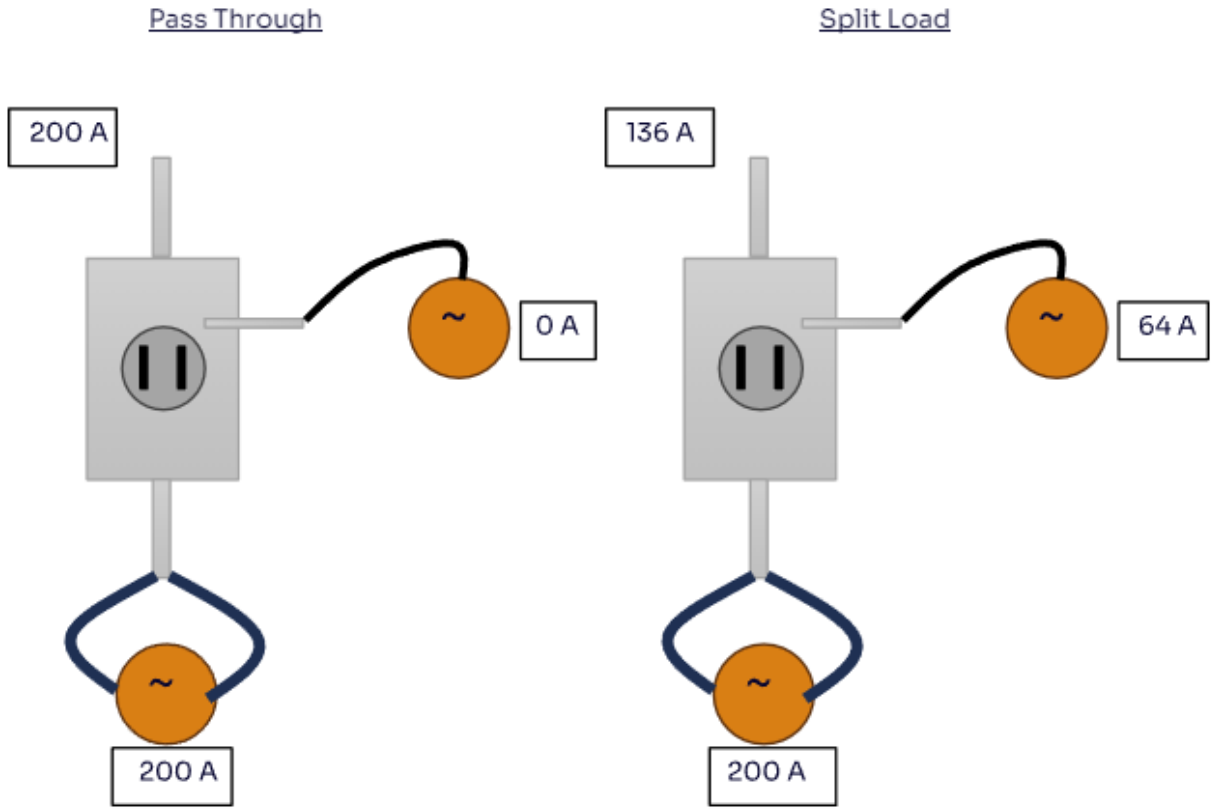

Temperature Testing – Heat Rise

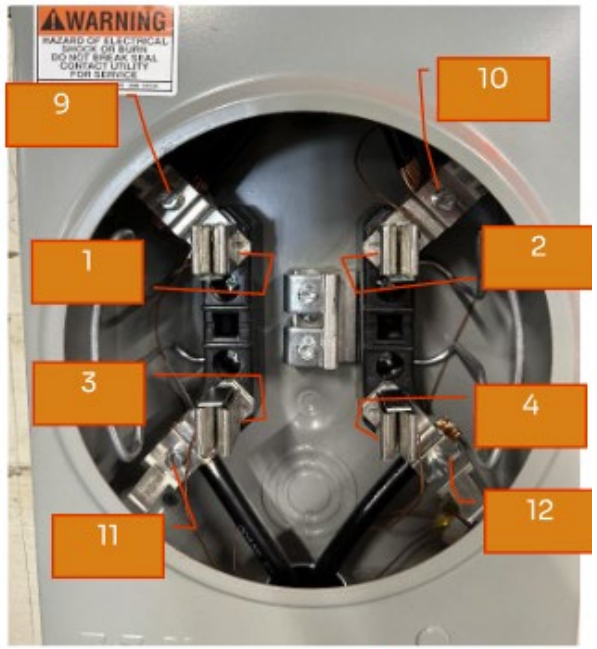

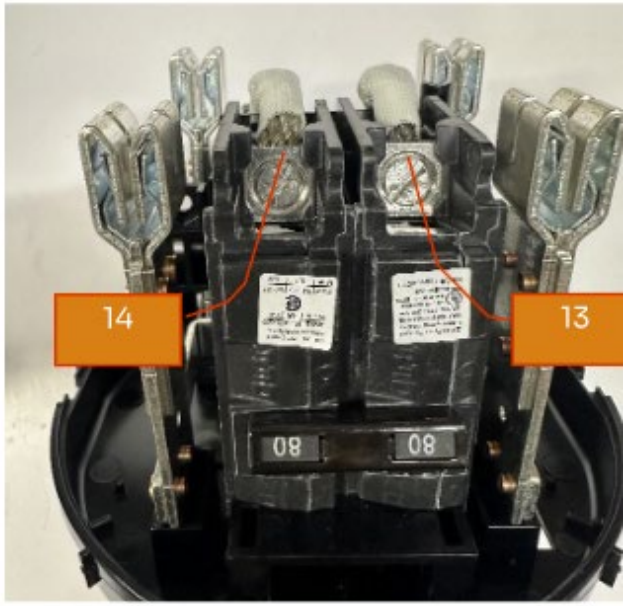

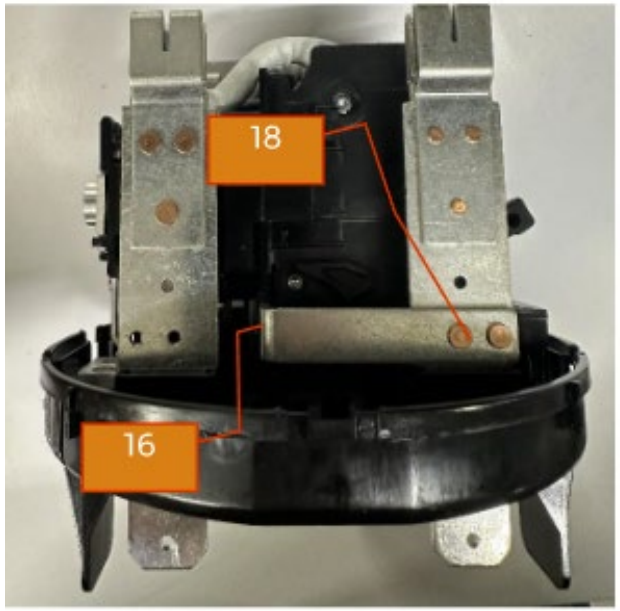

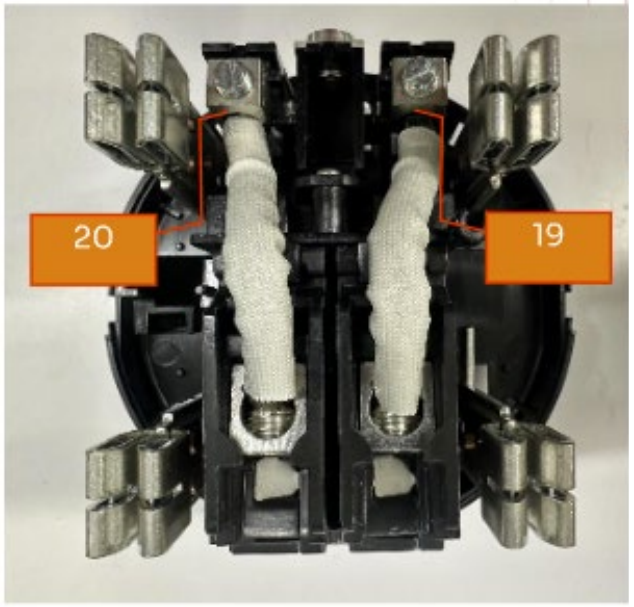

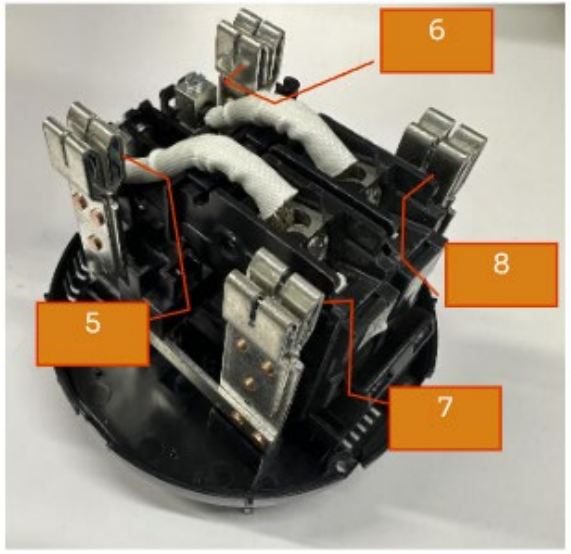

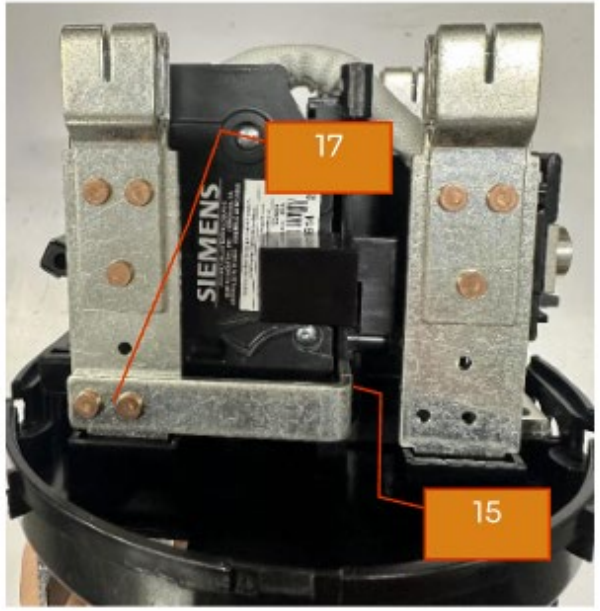

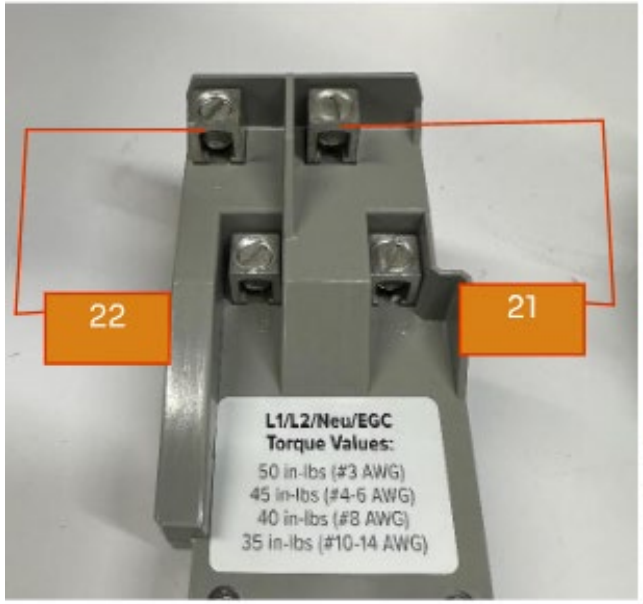

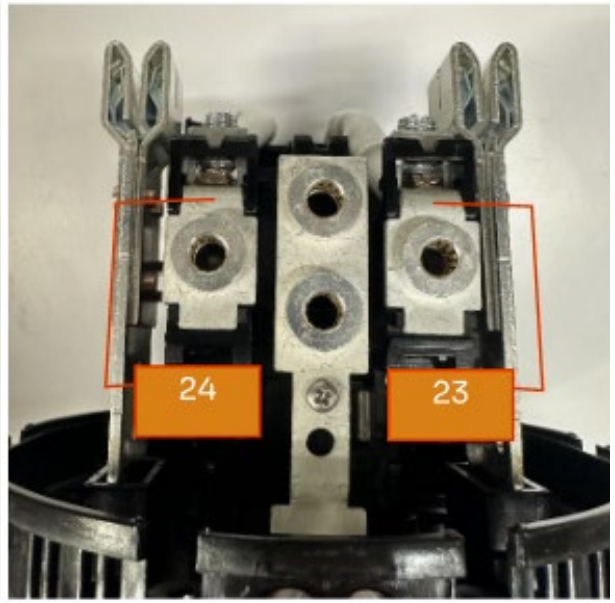

Temperature Testing Heat Rise

- Heat Rise is conducted with full 200 amps through meter & MSA
- Heat Rise is conducted with combined 200 amps through the meter and MSA (energy split via DER circuit max ampacity)
- Max Allowable rise is 65C with temperature correction factor applied – all locations passed

		Split test BOTTOM FED - 200A load - 64A DER - 136A line (Siemens)			Split test BOTTOM FED - 200A load - 64A DER - 136A line (Eaton)			Pass through test BOTTOM FED - 200A load		
	Load side Simple - 80A, 22kA Breaker	Max Temp(°C)	ΔTemp °C	ΔTemp°C+ CF	Max Temp(°C)	ΔTemp °C	ΔTemp °C+ CF	Max Temp(°C)	ΔTemp °C	ΔTemp°C + CF
5	Line 1 blade	61.13	36.4		61.20	36.7		84.87	59.9	
6	Line 2 Blade	61.27	36.5		61.18	36.6		84.61	59.7	
7	Load 1 Blade	61.09	36.3		60.81	36.3		72.48	47.5	
8	Load 2 Blade	62.96	38.2		62.56	38.0		75.17	50.2	
10	Breaker Lug L1	67.06	42.3		68.53	44.0		45.94	21.0	
9	Breaker Lug L2	67.35	42.6		66.69	42.1		45.43	20.5	
12	DER Lug L1	63.46	38.7		62.68	38.1		46.58	21.7	
11	DER Lug L2	63.55	38.8		63.76	39.2		45.99	21.1	
16	Molex insert bus L1	64.48	39.7		63.49	38.9		44.44	19.5	
15	Molex insert bus L2	62.83	38.0		63.14	38.6		43.59	18.7	
14	Jbox L1 lug	53.46	28.7		53.87	29.3		37.41	12.5	
13	Jbox L2 lug	51.82	27.0		51.98	27.4		36.36	11.4	
1	Meter Socket Line 1	52.86	28.1	46.8	52.44	27.9	46.6	68.92	44.0	62.7
2	Meter Socket Line 2	53.18	28.4	48.1	52.71	28.2	47.8	69.16	44.2	63.9
3	Meter Socket Load 1	57.10	32.3	57.5	56.36	31.8	57.0	60.95	36.0	61.2
4	Meter Socket Load 2	55.72	30.9	57.5	55.08	30.5	57.1	59.68	34.8	61.3

Temperature Testing – Heat Rise

- ConnectDER runs internal heat rise tests on all prototypes, samples, and manufactured units
- UL also runs their own heat rise tests as part of standards compliance and UL listing (UL 414 SB)
- UL data aligns to internal testing and shows compliance at 200-amp rating
- *Reproduced with UL Solutions Permission*

TEST PARAMETERS AND INFORMATION:

METER SOCKET TEST FIXTURE				
Manufacturer	Milbank			
Catalog Number	9500L			
Rated Continuous Current (A)	200 A			
Line/Load Size Conductors	3/0		[X] CU [ ] AL	[X] AWG [ ] kCmil
Rated Terminal Torque	250 (Hex head)			[X] in-lb [ ] Nm
Enclosure Size	Height	Width	Depth	
	19-1/4	13	5	[X] in. [ ] mm

SB12

HEATING TEST, METER SOCKET ADAPTER: (Cont.)
Sample - CB with Siemens Circuit Breaker Load Side Connection
PART 2 TEST 1 STEP B - RESULTS

No	Location of Thermocouples	Measured Temperature °C Time: 0	Time: 15	Time: 30	Temperature Rise, °C
1	Meter Socket Test Fixture Jaw, • Top, left	65.2	65	65	(Note TC1) 64.4
2	• Top, right	64.1	63.9	63.9	(Note TC2) 63.4
3	• Bottom, left	58.1	58.0	58.0	(Note TC3) 63.0
4	• Bottom, right	57.4	57.4	57.3	(Note TC4) 61.9
5	Meter Socket Adapter Jaw, • Top, left	80.7	80.7	80.5	(Note Rise) 58.1
6	• Top, right	80	79.9	79.8	(Note Rise) 57.4
7	• Bottom, left	70.9	70.9	70.7	(Note Rise) 48.3
8	• Bottom, right	71.4	71.4	71.3	(Note Rise) 48.8
9	Meter Socket Test Fixture • Top lug, left	60.7	60.6	60.5	(Note Rise) 38.1
10	• Top lug, right	60.6	60.4	60.4	(Note Rise) 38.0
11	• Bottom lug, left	54.2	54.2	54.1	(Note Rise) 31.6
12	• Bottom lug, right	53.6	53.5	53.5	(Note Rise) 31.0
13	Internal Breaker Lugs Right Hand Size	45.3	45.2	45.2	(Note Rise) 22.7
14	Left Hand Size	45.3	45.4	45.3	(Note Rise) 22.7
15	Bus Bar Closest Accessible to Circuit Breaker Stabs Right Hand Size	62.5	62.4	62.4	(Note Rise) 39.9
16	Left Hand Size	62.8	62.8	62.7	(Note Rise) 40.2
17	Junction - Breaker Connecting Bus to Meter Socket Adapter Bus Right Hand Side	63.5	63.5	63.4	(Note Rise) 40.9
18	Left Hand Size	64.1	64	63.9	(Note Rise) 41.5
19	Internal Lugs Right Hand Side	43.2	43.2	43.2	(Note Rise) 20.6
20	Left Hand Size	43.4	43.4	43.3	(Note Rise) 20.8
21	External Lugs In Junction Box: Right Hand Side	36.9	36.9	36.8	(Note Rise) 14.3
22	Left Hand Size	35.5	35.6	35.4	(Note Rise) 12.9
23	Junction Box Connection Right Hand Side	42.5	42.4	42.4	(Note Rise) 19.9
24	Left Hand Side	42.6	42.7	42.6	(Note Rise) 20.0
25	External Ambient	22.6	22.8	22.7	

Note: Right and Left Hand side designation are a function of viewing the meter socket from the front.

Note TC1: = Measured Temperature – Ambient + TC* (* represents the TC1, TC2, TC3, TC4 values from part 1). Only applicable for assemblies not intended for use with a specific meter socket.
Note Rise: = Measured Temperature – Ambient

UL Testing

- UL Solutions evaluates product for safety in several ways
- UL Solutions has tested certified and listed the ConnectDER MSA against UL 414, SA & SB
- UL File #E361188

Hazard	Purpose	Tests
Installation Safety	• Safe installation for trained installer • Fit for purpose for installation in Meter Socket and with a Meter • Resistant to environmental factors	• Construction Review • Markings Review • Installation Manual Review, • Insertion and Withdrawal Force for Meter Jaws • Strength Test of Insulating Base and Support • Rain Test • Ball Impact • Crushing Resistance
Thermal Safety	• Resistance to fire • No risk of fire from internal sources • Controlled heat for adjacent structures and equipment	• Construction Review • Flammability • Heat Rise • Short Circuit • Dielectric Voltage Withstand
Electrical Safety	• No risk of electrocution from exposed live parts • Proper grounding • Internal insulation and clearances to prevent short circuits	• Construction Review • Mold Stress Relief Distortion • Dielectric Voltage Withstand • Bonding Continuity • Short Circuit • Ball Impact • Crushing Resistance • Rain Test

Test	Test Criteria	Applicable Standard (Clause)	Result
Construction Review	• Ensure all components and materials are UL LISTED and/or meet corresponding UL® standards. • Measure that creepage and clearances for all electrical conductors meet or exceed minimum requirements. • Confirm that insulation thickness and bend radius of all wire conductors meet or exceed the minimum requirement. • Verify that dimensions are compatible with Meters and Meter Sockets.	UL 414 (3-12) UL 414A (SA2) UL 414B (SB5-SB7)	☑ PASS
Flammability	• Ensure material does not sustain flame or produce flaming debris. • Ensure exposure to flame does not result in opening that could expose live parts.	UL 746C (52)	☑ PASS
Crushing Resistance	• Ensure exposed surface of the product resists to crushing force of at least 100 lbs.	UL 746C (55)	☑ PASS
Resistance to Impact	• Ensure exposed surface of the product resists to impact of at least 5 ft-lbs (3 different locations).	UL 746C (56)	☑ PASS
Mold Stress Relief Distortion	• Ensure that the product does not shrink or distort in a way that reduces clearances, expose live parts to contact, or cause interference with the operation of the product, following heating at 10C above maximum operating temperature.	UL 746C (61)	☑ PASS
Rain Test	• Ensure no water from simulated rain enters the enclosure above the lowest live part or terminal. • Ensure no water comes in contact with live parts or insulating material.	UL 414 (17)	☑ PASS
Insertion and Withdrawal Force for Meter Jaws	• Ensure no operation (insertion or removal) requires force greater than 100lbs. • Ensure no damage (e.g. cracking) occurs during insertion or removal.	UL 414 (19)	☑ PASS
Dielectric Voltage Withstand	• Ensure that product can withstand 1480V between live parts or opposite polarity, and live parts to enclosure.	UL 414 (20.1)	☑ PASS

Test	Test Criteria	Applicable Standard (Clause)	Result
Bonding Continuity	• Ensure continuity between the grounding straps on the top of the MSA and the tabs on the base.	UL 414 (22)	☑ PASS
Strength Test of Insulating Base and Support	• Ensure the insulating base of the Junction Box is not damaged when applying 110% of the torque marked on the unit to the field wiring terminals.	UL 414 (24)	☑ PASS
Heat Rise	• Ensure that temperature rise observed in the product does not exceed 65C for jaws (*) and bus bars, 60C on factory wiring terminals, and 55C for field wiring terminals under the maximum rated current. (*) Meter Socket Jaw Heat Rise values are corrected based on measurements with a simulated meter only, as ConnectDER Solar MSAs are not intended for use in a specific meter socket (SB12.2).	UL 414B (SB12)	☑ PASS
Short Circuit	• Ensure the product can withstand a short circuit of 22kA on the DER branch circuit without: o damage to the enclose that would expose live parts o excess current to ground o Arcing between live parts of opposite polarity o Failure of a dielectric voltage-withstand test	UL 414B (SB13)	☑ PASS
Markings	• Ensure all required marking, such as voltage, continuous current, and short circuit current ratings, are included.	UL 414B (SB14)	☑ PASS
Installation Manual	• Ensure the installation manual includes required instruction, such as proper installation of the field wiring, grounding conductors, safe installation into a meter socket.	UL 414B (SB15)	☑ PASS

UL Testing - Flammability

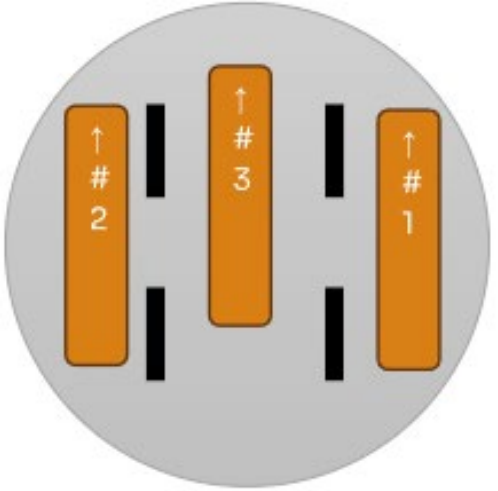

Figure 1: Location of the 3 flame applications for the Flammability Test

- A measured flame is applied for several intervals of 5S of direct contact with the MSA interior
- The MSA must not ignite, allow the flame to penetrate externally or allow any drippings 12 inches below on flammable cotton
- The ConnectDER MSA did not ignite, have any external openings exposed or have any drippings

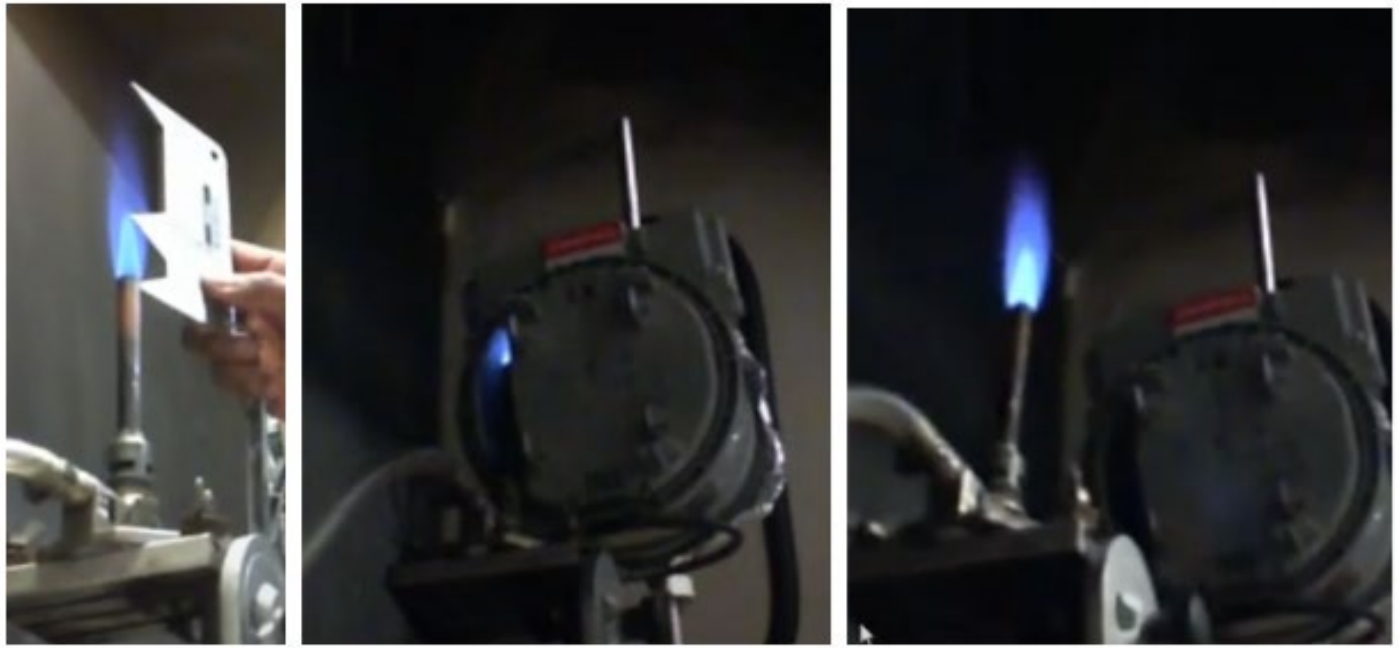

Figure 2: Flame Calibration, Flame inside the test sample (5 sec) and Flame outside the sample (5 sec)

UL Testing – Crush Test

- 100# of force is applied to 6 locations on the MSA
- The force is sustained for 60s
- There must be no cracks, breaks, dents, change to function, exposure to live parts, mechanical changes, etc

UL Testing – Dielectric Voltage

- 1480V is applied to a ConnectDER MSA between live parts and ground and between L1 and L2 for 60s
- There must be no current flow
- The ConnectDER MSA exceeded the test criteria

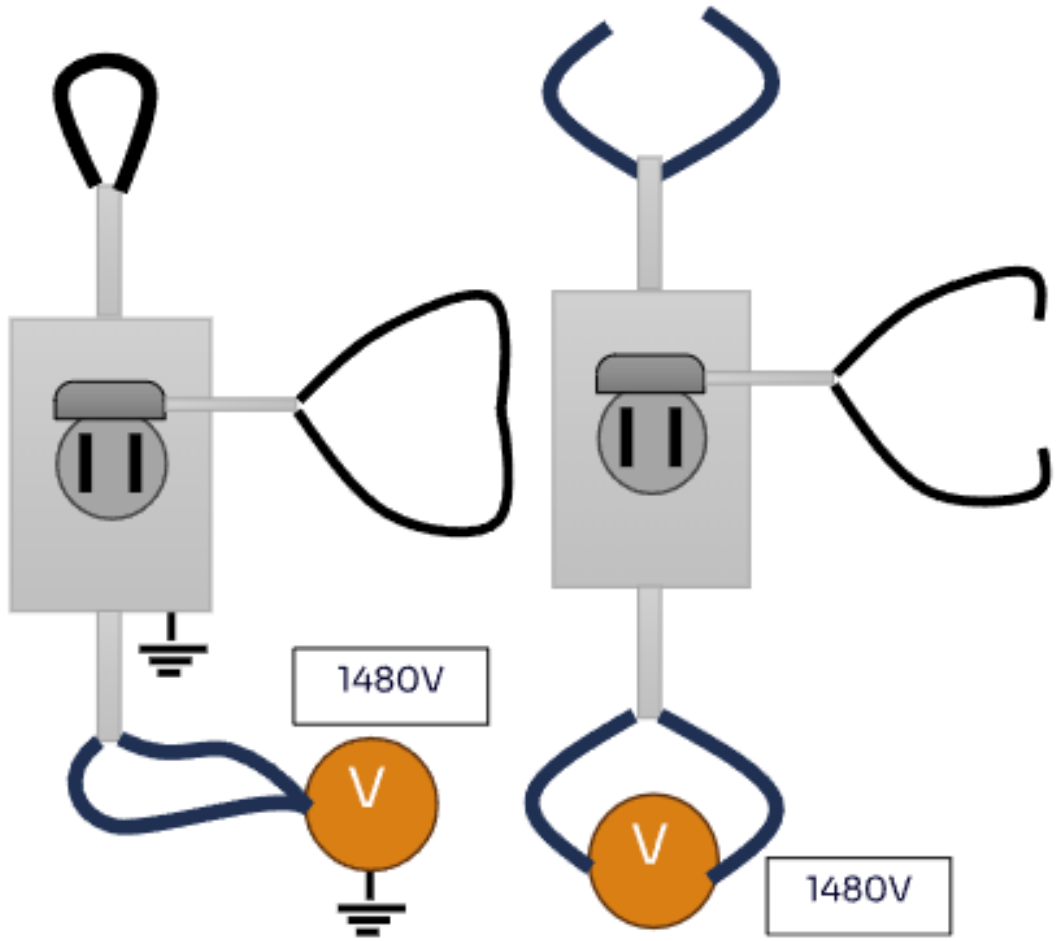

UL Testing – Short Circuit

- A current is applied corresponding to the 22k AIC / AIR breaker rating into a short between L1 and L2 on the DER branch circuit
- A 30A fuse is connected between the ground of the enclosure and neutral to minor ground leakage
- The test is performed at a random closing angle achieved by closing the breaker into a short with a remote-controlled actuator

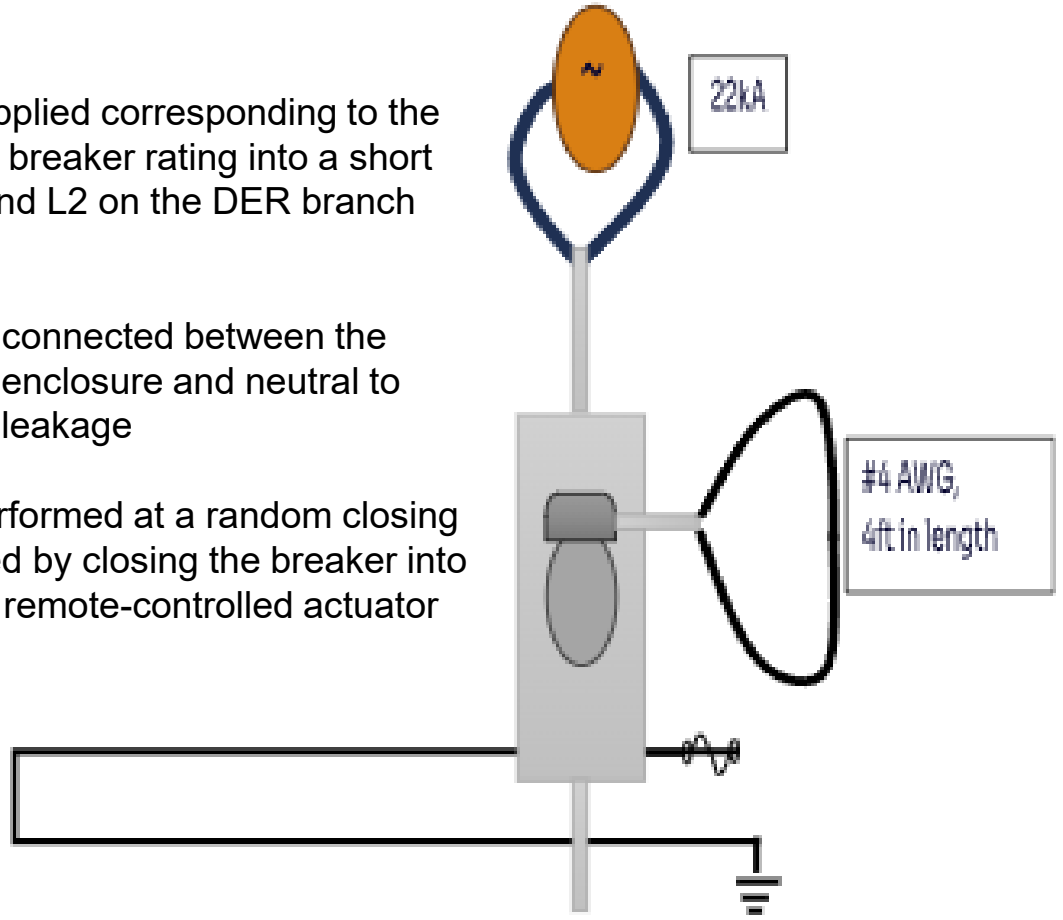

Figure 15: Picture of the test setup for the Short Circuit Test

Thank You

Questions and Discussion

https://connectder.com

Appendix Sheets

Appendix Sheets

Difference in Results between Line Side and Load Side Test

The Line Side and Load Hot Socket Results differ significantly in both time to reach and steady-state temperature. A difference between Line and Load side results is expected, as the MSA is not symmetrical. Specifically, the Load Side is connected to the DER Circuit Breaker and Junction Box, resulting in significantly higher heat mass on the load side compared to the Line side, which just has straight blades. However, the simple assumption would be for the Line Side, with its lower heat mass, to reach higher temperature faster; that is not what was observed. Below are some possible reasons for the difference in Hot Socket results between Line Side and Load Side.

Thermal Transfer Theory

At its core, the Hot Socket test is a heat transfer test: how effectively we can transfer heat from the heaters to the AMI meter through the MSA. Differences in contact between the heaters and the blades of the MSA, or between the jaws of the MSA and the blades of the AMI meter, would affect how much heat reaches the AMI meter, and therefore the peak temperature that can be achieved.

Total System Energy Theory

Because the Line Side blades have less heat mass, fewer Joules of energy are needed for the heaters to reach the setpoint of 425°C. Therefore, the less total energy is introduced in the system for the Line Side test vs the Load Side configuration. Less energy in the system could translate into a lower temperature and a slower ramp.

Heat Mass Loading Theory

This is another way to interpret the Total System Energy Theory. In the Line Side configuration, the heat mass of the DER Circuit is effectively pulling heat away through the meter load side blades. The resulting temperature achieved inside the meter is less than if the heat were to be applied to the load side blades.

Appendix Sheets

How is the Short Circuit Test conducted?

The short circuit test is performed by applying a current corresponding to the Ampere Interrupting Capacity (AIC) of the highest circuit breaker rating of 22k AIC (*) inside the **ConnectDER Solar MSA** into a short circuit between L1 and L2 on the DER branch circuit. The short circuit is implemented by connecting a #4 AWG conductor 4ft in length on the field terminals of the Junction Box. A 30A fuse is attached between the ground of the enclosure and neutral of the current source to monitor ground leakage currents. The test was performed at a random closing angle, which is achieved by closing the circuit breaker into the short circuit using a remotely controlled actuator.

PPL Electric Exhibit AD-4

Underwriters Laboratories (UL LLC)
Safety Certification (Manufacturing Factory) Report

Model:	SAB-ABR-LG-277-xx and SAB-RTU-LG-277-xx
Manufacturing Facility(ies):	EFE Laboratories Inc 700 W Park Avenue Perkasie, PA 18944 USA Falco Electronics Mexico S A DE C V FRACC Itzincab Ind, Calle 35 No 605 x 58 y 60 Uman, Yucatan 97392 Mexico
Applicant:	ConnectDER Inc 2001 Jefferson Davis Hwy, Suite 403 Arlington, VA, 22202 USA E527070
Listee:	Same as Applicant Listee File No.:
Report No.:	E527070-D1000-1/A2/C0
Report (Re)Issue Date:	2022-08-16; (A1/C0) 2022-10-17; (A2/C0) 2023-08-xx
Standard(s):	UL 61010-1, 3rd Edition, May 11, 2012, Revised July 19, 2019
Additional Standards:	UL 61010-2-030, 2nd Edition, Issue Date 2018-12-21
Report Types:	This report consists of the following report types: [Yes] US Certification (UL Listing) [No] CAN Certification (cUL Listing)

You are receiving this report as a Manufacturing Factory for the above-referenced Applicant.

This report covers the Safety evaluation of the referenced model(s) according to the standard(s) specified above.

This report includes portions of the full Applicant report and is designed to support any Follow-Up inspections at the Manufacture's facility.

Please refer to any Supplements to this document for a detailed manufacturer report, which includes information for the Follow-Up Inspection as specified below:

- **Appendix C**: Follow-Up Service Documentation
- **Appendix A**: Enclosures

Report Modifications Summary

The following changes were made to this report. If none listed in the below table, this report is the originally issued report.

NOTE: Some of the changes listed below were made in the full report and may not reflect the changes in this associated Factory Report, which just includes the Appendices listed above from the main report.

Date Modified *(Year-Month-Day)*	Modifications Made (include Report Reference Number)	Modified By
2022-10-17	Technical Amendment to report E527070-D1000 to include the alternate enclosure option noted below as well as a correction to the Fuse Holder model. The alternate enclosure is identical to the existing option and therefore, required no additional testing or evaluation to be included. The fuse holder model was corrected from the 155 series to the 150 series to match the intended component. Alternate Enclosures: Models WQ-50 and WQ-57, manufactured by ECP CORP, DBA POLYCASE.	Jeff Werner
2023-08-24	Amendment to E527070-D1000-1/A1/C0 - Updated critical components table to add new terminal block. Added interchangeable option for power input terminal block. No testing considered necessary due to alternate component being suitably rated for the application. The part 2 standard requirements were not affected by this update.	Derek Spain / Jeff Werner

CCS
Cates Control Systems

Standard Panel Testing Checklist

Customer: Industrial Networking S. Job Number: 580629-1-1 Date: 7/21/23

Layout by: CV Wired by: AB Tested by: John L

Power Check

Tasks	Initials
1) Verify transformer secondary voltages with a voltmeter.	NA
2) Verify power supply outputs using a voltmeter.	JL
3) Verify wiring and functions according to wiring diagram.	JL
4) Check control logic for function according to wiring diagram.	JL
5) Verify timer/counter function according to wiring diagram.	JL
6) Set timer/counter values from drawings when applicable.	NA
7) Verify that VFD parameters have been loaded.	NA
8) Verify voltages to terminals for field devices.	NA
9) Verify voltages to motor terminals.	JL
10) Verify phase changes for Forward / Reversing motor starters.	NA
11) Energize all relay coils and motor starters and verify contact operations.	JL
12) Connect and run motors on all variable speed drives when applicable.	NA
13) Connect and run motors on all stepper and servo drives when applicable.	NA
14) Verify PLC I/O via software or point-to-point.	NA
15) Install any PLC and HMI/OIT software required by the customer.	NA
16) Verify any PLC and HMI/OIT functions required by the customer.	NA
17) Check push buttons for operation.	NA
18) Check switches for operation.	NA
19) Verify pilot lights, illuminated switches and push buttons are illuminated properly.	JL
20) Ensure any wiring changes that are needed have been made.	JL
21) Re-test any circuits after changes are made.	JL

CCS Cates Control Systems

Standard Panel Testing Checklist

Customer: Industrial Networking S. Job Number: 530629-1-1 Date: 7/21/23

Layout by: CV Wired by: AB Tested by: John L

Post-Power Check

	Tasks	Initials
1)	Remove any wiring or jumpers installed for testing.	JL
2)	Replace any wires removed for testing.	JL
3)	Make sure all duct cover is re-installed.	NA
4)	Make sure Circuit Breaker covers are re-installed.	JL
5)	Make sure Distribution Block covers are re-installed.	NA
6)	Make sure any plexiglass is re-installed.	NA
7)	Place Job labels on the Panel with applicable UL/NEC info.	NA
8)	Place fuse replacement label on applicable panel.	NA
9)	Place "***Build Label***" on the panel ensuring each area has been initialed.	JL
10)	Place "***Danger High Voltage***" stickers on all panel doors for panels over 42V RMS where applicable.	NA
11)	Place sticker(s) for supply voltage above the main disconnect, circuit breaker, or on the panel door.	JL
12)	Place a "***Caution Multiple Power Sources***" tag on the outside of the main door for panels with multiple sources of power.	NA
13)	Place equipment ground labels next to all grounding points for UL panels.	NA
14)	Place the grounding symbol label next to all grounding points.	NA
15)	Verify that any other UL markings are on all listed panels or prints. See table 52.1 in UL508A for markings location.	NA
16)	Verify that any Caution/Warning Labels per NEC and UL are on the panel.	JL
17)	Place UL label on applicable panels.	NA
18)	Make sure that all drawing mark-ups are in Red Ink, Dated, and Initialed.	JL
19)	Check the BOM on drawing to see if there is any loose component to be shipped.	JL
20)	Make sure all component documentation, extra hardware, accessories, and any loose parts are clearly identified, bagged up and attached to the inside of the panel to be shipped.	JL
21)	If CCS is responsible for the drawings get the "***AS MANUFACTURED***" drawings from the design group to ship with the panel.	JL
22)	If CCS is NOT responsible for the drawings make a color copy of the redlined drawings to ship with the panel.	JL
23)	Vacuum the panel and remove any debris.	JL
24)	Move the job to the Shipping Department in I-PReP.	JL
25)	Place the "***Tested***" sticker on the panel and move it to the Shipping Department.	JL
26)	Notify Shipping Personal and the Shop Supervisor that the panel is complete and has been moved to the Shipping Department.	JL
27)	End Activity in Epicor.	JL

UL Label Required: ☐ Yes ☐ No | **UL Label #:** | **Short Circuit Current Rating (SCCR):** kA

UL Enclosure Type: ☐1 ☐2 ☐3 ☐3R ☐3S ☐3X ☐3RX ☐3SX ☐4 ☐4X ☐5 ☐6 ☐6P ☐12 ☐12K ☐13

For Hazardous Location: ☐7 ☐8 ☐9 ☐10 ☐N/A

CCS
Cates Control Systems

Standard Panel Testing Checklist

Customer: Industria Networking Job Number: 530629-1-1 Date: 7/24/23

Layout by: CV Wired by: A.B Tested by: John L

Pre-Power Check

Tasks	Initials
1) Start Production Activity in Epicor.	JL
2) Verify that Layout and Wiring Checklists have been filled in and signed off completely before moving on to number 3 on the checklist.	JL
3) Verify job has been moved to Test in I-PReP.	JL
4) Verify panel layout matches the drawings.	JL
5) Verify that device tags are clean, straight, and that they match the drawings.	JL
6) Verify that all devices are level.	JL
7) Verify that all door interlocks and disconnects are functioning properly.	JL
8) Verify that the enclosure paint color matches the drawings.	JL
9) Make sure spiral wrap is installed as needed.	NA
10) Make sure any enclosure openings are smooth to the touch or have a protective cover installed.	JL
11) Check Circuit Breakers for covers.	NA
12) Conduct a pull test on all wiring connections.	JL
13) Check all connections for wire frays.	JL
14) Check all connections for crimped insulation.	JL
15) Check to make sure all wire labels are straight, facing the correct direction, and heat shrunk.	JL
16) Verify that wire colors and gauges match the prints.	JL
17) Check Power wire lug/bolts are torqued to Mfg. or UL specs if Mfg. does not supply data.	NA
18) Make sure wiring duct and covers are straight.	NA
19) Verify any components with dip switches have been set properly.	NA
20) Verify that fuses are installed per the prints.	NA
21) Verify motor overloads ranges match prints.	NA
22) Verify that Circuit Breakers match the prints.	JL
23) Make sure all grounds and bonds are installed as required.	JL
24) Verify PLC I/O configuration matches the prints.	NA
25) Verify proper voltage for all connections and devices. VFDs, Transformers, Power Supplies, etc.	JL
26) Conduct a visual inspection and a continuity check for polarities and power connections.	JL
27) Make sure all wire labels are heat shrunk.	JL
28) Ensure any wiring changes that are needed have been made.	JL

PPL Electric Exhibit AD-5

Net-Metered Distributed Energy

Requirements, timeline and checklists to connect to the PPL Electric Utilities power grid

When you're installing solar panels, CHP, biomass, or another type of distributed energy resource (DER), PPL Electric Utilities is here to help you connect to the power grid. We recommend applying at least six (6) months before interconnection service is needed.

For installations under 25 kW (nameplate), you'll hear from us within 3-4 weeks of submitting a completed application. For all other systems, additional reviews and field visits may be required. In addition, for systems 500 kw or larger, we must submit our recommendation to the Public Utility Commission. The project must be under scheduling or under construction within one year of application.

APPLICATION

Applications with existing service should be submitted at pplelectric.com/renewable. When applying, you'll need your one-line diagram, site plan and equipment data sheet. For systems less than 25 kW, email EUSolarPower@pplweb.com. For systems 25 kW or greater, email businessaccounts@pplweb.com. For DER applications without existing electric service, please contact DERapplications@pplweb.com.

DESIGN

If our facilities need to be modified, your designer will create your plan and contact you with any estimated fees. A right-of-way agreement is required before new electric facilities can be placed on any propert.

SCHEDULING

If PPL Electric needs to do work, we will schedule that 6-8 weeks after design completion and all customer requirements have been met: customer payment, signed right-of-way agreement, customer contract agreement and customer tree work. Trench/conduit for underground secondary/services installation must be completed two weeks before construction.

We schedule jobs to be completed by the week. The exact day will vary based on weather and other circumstances.

If PPL Electric Utilities equipment changes are needed, all customer responsibilities including customer payment and signed right-of-way agreement, if needed, must be met before your job can be scheduled.

All checks must be made out to PPL Electric Utilities. Please print the applicable distributed generation number (renewable work order) or invoice quote number on your check to ensure proper processing.

Payments must be made by check and mailed to:
PPL Electric Utilities
P.O. Box 419054
St Louis, MO 63141-9054

Overnight payments must be made out to "PPL Electric Utilities" and sent to:
Firstech
Attn: Lockbox PFC
12300 Olive Blvd
Creve Coeur, MO 63141

CONSTRUCTION

Be sure to prepare your site for our crews to complete the construction work. Remember to call 811 at least three business days before you dig. After your system is installed and before it is activated, please email us the Certificate of Completion.

Be sure to double-check your application for accuracy.

Once submitted, technical details cannot be modified or altered by PPL Electric. Should you require a change in system sizing, equipment used, etc., you will need to cancel your existing application, submit a new application, and pay any associated fees.

EXPECTED REVIEW TIMES			
LEVEL 1 Inverter-based 10 kW or less: *Up to 1 week*	**LEVEL 2** Inverter-based systems from 10 kW-2,000 kW: *4-6 weeks*	**LEVEL 3** Non-inverter-based systems: *6-8 weeks*	**LEVEL 4** All other systems: *6-8 weeks*

811 Know what's **below.** **Call** before you dig.

Work Order Number:_____

PPL Electric Utilities

pplelectric.com/renewable

Customer Service: 1-800-342-5775 or eusolarpower@pplweb.com.
Business Services: 1-888-220-9991 (say "Renewable" at the prompt) or businessaccounts@pplweb.com.

Checklist for Distributed Energy Resources

pplelectric.com/renewable

APPLICATION

- ☐ Review the interconnection requirements for electric service at pplelectric.com/remsi.
- ☐ Choose an inverter approved by UL-1741 SB and IEEE 1547. Only approved inverters may be used. For more information, see pplelectric.com/inverters.
- ☐ Submit any energy storage installations for approval.
- ☐ Submit your application, one-line diagram, site plan, equipment data sheet. Also:
  - Call us if the customer does not have a social security number or tax ID on file.
  - Pay the application and any other fees related to your installation.
  - Check your customer rate; only residential (RS), small business (GS1 and GS3) and large power (LP4) rates qualify.
  - Be aware that systems over 50 kW require customers to be on a non-residential rate.
  - If you change your equipment, resubmit your interconnection application.
- ☐ Electronically sign your Interconnection Agreement via the email link from Adobe/Ecosign once you receive it.

DESIGN

- ☐ Place the A/C disconnect switch directly next to and in sight of the PPL Electric Utilities meter. See pplelectric.com/remsi for more details.
- ☐ Use approved termination and metering compartments listed at pplelectric.com/remsi. Transformer cabinets may not be used as junction points or termination cabinets.
- ☐ Pay any up-front costs to upgrade PPL Electric Utilities equipment such as transformers and upgrading lines.
- ☐ Payments must be made before the job can be scheduled.

CONSTRUCTION

- ☐ Call 811 at least three business days before you dig.
- ☐ Clear all obstructions at the service connection locations.
- ☐ Ensure all switchgear/meter base are installed and inspected.

PPL Electric Exhibit AD-6

Install Single Phase SolarEdge Inverter

Using Modbus RTU (RS485 serial port)

Using Modbus over TCP (Ethernet port)

Using Modbus RTU (RS485 serial port)

1. Use SolarEdge Set App to scan inverter QR code
    1.1. Pull red switch for 2 seconds, then release
    1.2. Choose “Join”
    1.3. Choose “Start commissioning”
    1.4. Select “Site Communications”
    1.5. Select “Modbus RS-485-2 port”
    1.6. Verify settings (change if needed)

        Protocol: Sunspec

        ID: 1*

        Baud Rate: 9600

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***Note**: If multiple inverters, connect to next inverter and increase ID by 1

1.7. Return to **Set App Home** screen

2. Switch inverter **power** switch to OFF (CRITICAL STEP – **PPE Required**) – blue, green & red lights will flash

Wait for capacitors to discharge before turning off! (CRITICAL STEP)

Inverter display reads "Voltage is below 50V and is safe to turn off" OR

SetApp notifies you it is safe to turn off OR

Red light stops flashing OR

When in doubt, wait 5 minutes

3. Turn DC Safety switch OFF

4. Isolate inverter AC side at all customer-owned service disconnect locations (CRITICAL STEP – **PPE Required**)

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4.1. Turn AC disconnect switches OFF

4.2. Lock out AC disconnect and document

5. Test AC/DC power termination points to verify de-energized (CRITICAL STEP – **PPE Required**)

6. Take a photo

7. Install DER Management Device (see M-365C)

   Note: If line-to-ground voltage is >150V, power and COM cables **must** use separate conduits

8. Strip **communications** wire in inverter and terminate into RS485 port (see DDI M-366 for pinout)

9. Terminate **power** wires in inverter

   9.1. Strip **power** wires in inverter

   9.2. Terminate **ground** connection in inverter ground bar

9.3. Crimp fork terminal onto #16 **neutral** from DER Management Device to inverter **neutral**

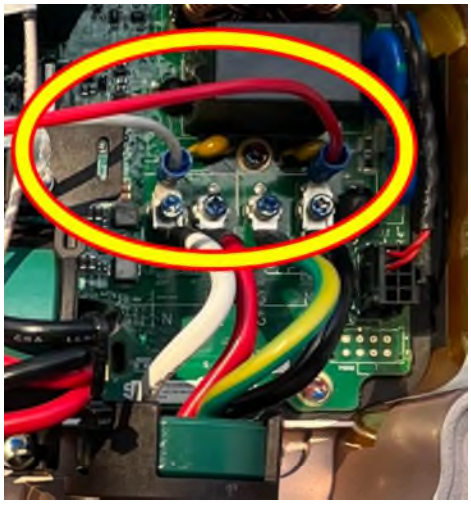

Figure 1 - Power Wires

9.4. Connect **neutral** from DER Management Devie to inverter's **neutral** terminal (CRITICAL STEP – **PPE Required**)

9.5. Connect #16 **power** cable from DER Management Device to one side **of in-line fuse**

9.6. Crimp fork terminal onto other end of **in-line fuse**

9.7. Connect fork terminal from **in-line fuse** to inverter's **hot**

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line terminal (far right) (CRITICAL STEP – **PPE Required**)

10. Continuity test all **power** & **communication** connections (CRITICAL STEP – **PPE Required**)

11. Take a photo of the inverter, radio, overall system and inverter(s) serial number(s)

12. Close inverter

13. Turn DC power ON (CRITICAL STEP - **PPE required**)

14. Remove lock, return all customer-owned disconnects on inverter AC side to ON and document

15. Turn DC Safety switch ON

16. Turn inverter power switch ON

17. Verify DER Management Device Connection:

    5B (blue) & 3.3V (orange) LEDs lit

    Note: Tx & Rx LEDs blink when communicating with inverter (if SW2 set to "TCP" position)

    Red & green LEDs blinking

    Note: If green light stays off, toggle SW1 (SBR) to opposite position

18. Close DER Management Device, add applicable stickers and seal enclosure

Using Modbus Over TCP (Ethernet Port)

STOP! Verify Lantronix Device Installer on computer. If not - install before arriving!

1. Use SolarEdge Set App to scan invert QR code (See this link if no QR code)

    1.1. Pull red switch for 2 seconds, then release

1.2. Select “Join”

1.3. Select “Start commissioning”

1.4. Select “Site Communications”

1.5. Select “Modbus TCP port”

1.6. Select “Modbus TCP”

1.7. Select “Enable”

1.8. Set Port for “502”

1.9. Select “Ethernet”

1.10. Select “Yes” when prompted

1.11. Change to “Static IP”

IP Address: 169.254.12.3

Subnet Mask: 255.255.0.0 (or Wi-Fi subnet mask)

Default Gateway: 169.254.1.1 (or Wi-Fi Gateway IP address)

DNS: 8.8.8.8

1.12. Return to **Set App home** screen

2. Move inverter power switch to OFF (CRITICAL STEP - **PPE required**) – blue, green & red lights will flash

Wait for capacitors to discharge before turning off! (CRITICAL STEP)

Inverter display reads "Voltage is below 50V and is safe to turn off" OR

SetApp notifies you it is safe to turn off OR

Red light stops flashing OR

When in doubt, wait 5 minutes

3. Turn DC Safety switch OFF

4. Isolate inverter AC side at all customer-owned service disconnect locations (Critical Step – **PPE required**)

   4.1. Turn DC and AC disconnect switches OFF

   4.2. Lock out AC disconnect and document

5. Open inverter & test AC/DC power termination points to confirm system de-energized Critical Step – **PPE required**)

6. Take a photo

7. Install DER Management Device using Ethernet option (DDI M-365A)

   Note: If line-to-ground voltage is >150V, power and COM cables **must** use separate conduits

8. Terminate **Ethernet** cable to inverter

9. Terminate **power** wires in inverter

   9.1. Strip **power** wires in inverter

9.2. Terminate **ground** connection in inverter's **ground** bar

9.3. Crimp fork terminal onto #16 **neutral** from DER Management Device to inverter **neutral**

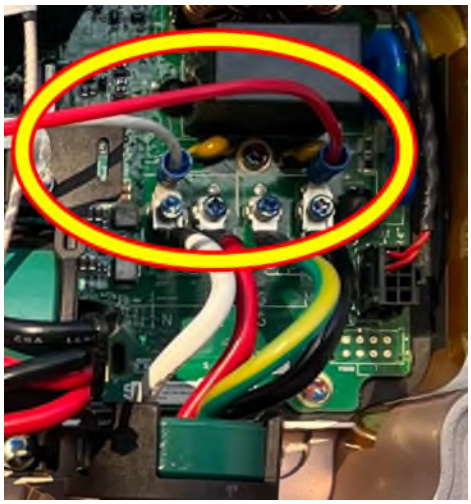

Figure 2 - Power Wires

9.4. Connect **neutral** from DER Management Devie to inverter's **neutral** terminal (CRITICAL STEP – **PPE Required**)

9.5. Connect #16 **power** cable from DER Management Device to one side **of in-line fuse**

9.6. Crimp fork terminal onto other end of **in-line fuse**

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9.7. Connect fork terminal from **in-line fuse** to inverter's **hot line terminal** (far right) (CRITICAL STEP – **PPE Required**)

10. Continuity test all power & communication connections CRITICAL STEP - **PPE required**)

11. Take photo of inverter, radio, overall system, and inverter(s) serial number(s)

12. Close inverter

13. Turn ON:

    AC power supplies

    DC safety switch

    Inverter power switch

14. See M-365D for details on programming XPort connection on Bridge

15. Connect Ethernet cable from inverter to XPort

16. Verify DER Management Device Connection:

    5B (blue) & 3.3V (orange) LEDs lit

    Tx and Rx LEDs blink when communicating with inverter (if SW2 set to “TCP” position”)

    Red & green LEDs blinking

    Note: If green light stays off, toggle SW1 (SBR) to opposite position

17. Close DER Management Device, add applicable stickers and seal enclosure

See DDI M-365 for full details and instructions.

Revision and Date	Rev. 01 02/02/2024
Owner	Metering Department

PPL Electric Utilities

PPL Electric Exhibit AD-7

PPL Test Plan for [INVERTER]

DRAFT [DATE]

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Purpose: Test inverter's grid support functionality via its Modbus interface

- The intention of this test plan is to verify that we understand, step-by-step, precisely how to manage the inverter's grid support functions.

- This information will be used to develop a communications protocol conversion program to facilitate communications (interoperability) between PPL's DERMS and the DER.

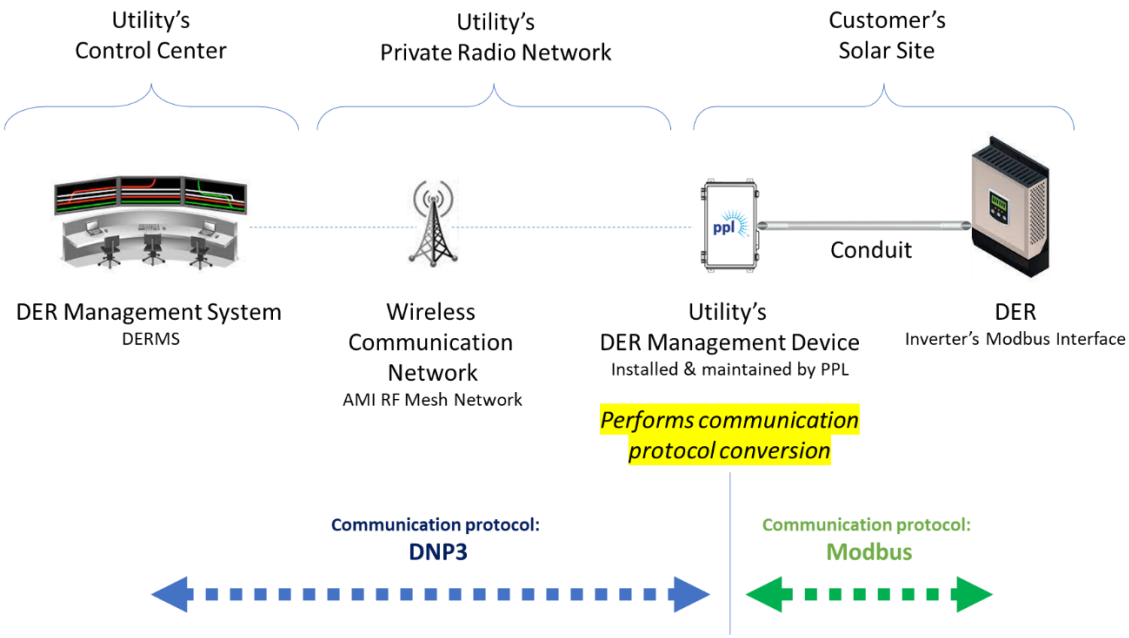

PPL's DERMS communicates directly with DERs via the utility's radio network.

DERMS regularly polls the inverter for updated system performance information and manages the inverter's grid support functionality, adjusting settings as needed.

- It's critical to, throughout the test, observe and record details that could be relevant to the protocol translation program.

  This includes data types (e.g., 16-bit register vs. 32-bit register, signed integer vs. unsigned integer), scaling (e.g., a value of 1.00 is represented as 1000), sign (positive values vs. negative values), etc.

- The protocol translation program also initiates command sequences. For example, if DERMS sends a Constant Power Factor (cos phi) value of "-0.90", the protocol conversion program (residing in the DER Management Device, which is physically connected to the DER's Modbus interface) will initiate a command sequence, setting all the registers necessary to operate the function.

  Accordingly, throughout this test, it's critical to note all relevant registers and commands that must be sent to achieve the desired settings change.

Test Setup

Typical setup for performing this test:

- Connect a laptop to the Modbus interface of the inverter
- On the laptop, use a Modbus master app (such as Modbus Poll) to interact with the inverter's Modbus interface
- PPL performs the tests detailed in the remainder of this document
    - We typically use the Zoom Record feature to easily capture every step of the process
    - Throughout the testing process, we also take notes and screenshots that we can use for quick reference

Inverter Details:

Model:

Nameplate:

Test DC Voltage:

Test DC Current:

Test AC Voltage:

Firmware Version:

Accommodating for Low Power Testing: (If needed)

20% of Nameplate:

Active Power Limiter Register Number and Setting:

Expected Reactive Power Readings:

.9 Power Factor (44% of Apparent):

22% Volt Var (22% of Nameplate):

Test ability to read power values

Relevant registers

[INSERT IMAGES FROM MODBUS MAP]

Reading DC power

Reading AC Voltage

Reading AC Current

Reading AC Frequency (Hz)

Reading AC Real power

Reading Apparent power

Reading Reactive power

Reading Power factor (cos phi)

Test ability to use energize/deenergize functionality

Relevant registers

[INSERT IMAGES FROM MODBUS MAP]

Set inverter to deenergize

- Register [Register Number], [Register Name]
    - Set to **[Value to Deenergize]**, *Stop*
- Observe register [Register Number] and the read-only registers (listed in the first test)
    - Record before-and-after values
    - Verify that the inverter performed the action as expected

Set inverter to reenergize

- Register [Register Number], [Register Name]
    - Set to **[Value to Reenergize]**, *Start*
- Observe register [Register Number] and the read-only registers (listed in the first test)
    - Record before-and-after values
    - Verify that the inverter performed the action as expected

Test ability to use constant power factor (cos phi) functionality

Relevant registers

[INSERT IMAGES FROM MODBUS MAP]

Set inverter PF to -0.90 (absorbing)

- Register [Register Number to Enable PF Mode], [Register Name]
    - Set to [Register Number], [Register Name]
- Register [Register Number to Set PF Value], [Register Name]
        - Set to -**9000** (Edit for Scale Factor if Needed)
- Register [Register Number to Change Leading/Lagging, if necessary], [Register Name]
    - Set to **[Value to Underexcite],** *UnderExcited*
- Observe Registers [Registers Numbers Above] and the read-only registers (listed in the first test)
    - Record before-and-after values
        - Pay attention to sign (+ or -) on the reactive power and power factor registers
    - Verify that the inverter performed the action as expected

Set inverter PF to +0.90 (injecting)

- Register [Register Number to Enable PF Mode], [Register Name]
    - Set to [Register Number], [Register Name]
- Register [Register Number to Set PF Value], [Register Name]
        - Set to **9000** (Edit for Scale Factor if Needed)
- Register [Register Number to Change Leading/Lagging, if necessary], [Register Name]
    - Set to **[Value to Overexcite],** *OverExcited*
- Observe Registers [Registers Numbers Above] and the read-only registers (listed in the first test)
    - Record before-and-after values
        - Pay attention to sign (+ or -) on the reactive power and power factor registers
    - Verify that the inverter performed the action as expected

Set inverter PF back to 1.00 (unity)

- Register [Register Number to Enable PF Mode], [Register Name]
    - Set to [Register Number], [Register Name]
- Register [Register Number to Set PF Value], [Register Name]
        - Set to **10000** (Edit for Scale Factor if Needed)
- Observe Registers [Registers Numbers Above] and the read-only registers (listed in the first test)
    - Record before-and-after values
        - Pay attention to sign (+ or -) on the reactive power and power factor registers
    - Verify that the inverter performed the action as expected

Test ability to use volt-VAR curve functionality

Background

- PPL configures every DER site with a unique Volt-VAR curve.
    - PPL's planning engineers calculate an optimal Volt-VAR curve for every DER site, based on the voltage profile of the circuit, the DER's location on that circuit, and time-of-day and seasonal variations in that location's voltage profile.
    - Here is how PPL structures a Volt-VAR curve:
    - 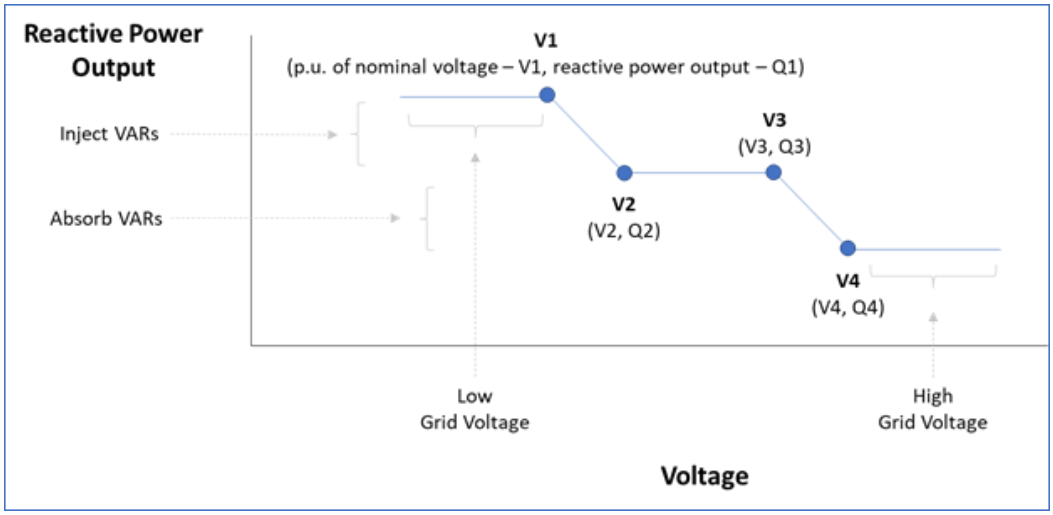

        - where Voltage is measured in *per unit of nominal (pu)*
        - and Reactive Power Output is measured in *percentage of nameplate power output (%)*

Relevant registers

[INSERT IMAGES FROM MODBUS MAP]

Set inverter to Volt-VAR curve #1

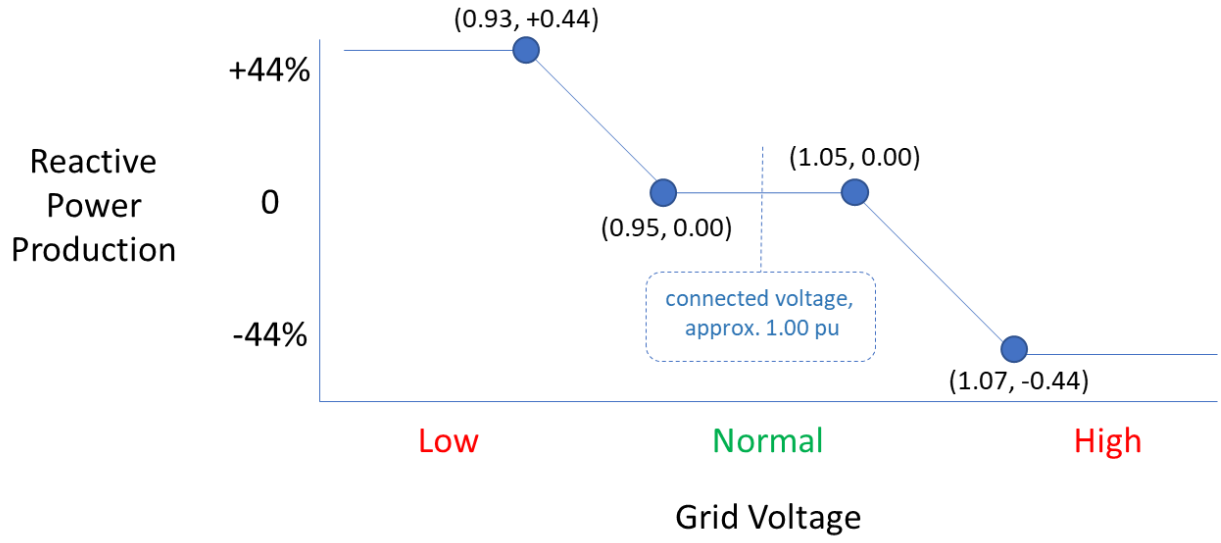

- Coordinates
  - (0.93, +0.44)
  - (0.95, 0.00)
  - (1.05, 0.00)
  - (1.07, -0.44)

- Register [Register Number to Enable VVar Mode], [Register Name]
  - Set to [Register Number], [Register Name]

- Register [Register Number for V1], [Register Name]
  - Set to **930** (0.93 pu – grid voltage)
- Register [Register Number for V2], [Register Name]
  - Set to **950** (0.95 pu – grid voltage)
- Register [Register Number for V3], [Register Name]
  - Set to **1050** (1.05 pu – grid voltage)
- Register [Register Number for V4], [Register Name]
  - Set to **1070** (1.07 pu – grid voltage)

- Register [Register Number for Q1], [Register Name]
  - Set to **44000** (44% – reactive power, injecting)
- Register [Register Number for Q2], [Register Name]
  - Set to **0** (0% – reactive power)
- Register [Register Number for Q3], [Register Name]
  - Set to **0** (0% – reactive power)

- Register [Register Number for Q4], [Register Name]
    - Set to **-44000** (-44% – reactive power, absorbing)

- Observe these registers and the read-only registers (listed in the first test)
    - Record before-and-after values
        - Pay close attention to the sign (+ or -) on the reactive power and power factor registers
    - Verify that the inverter performed the action as expected

<u>Set inverter to Volt-VAR curve #2</u>

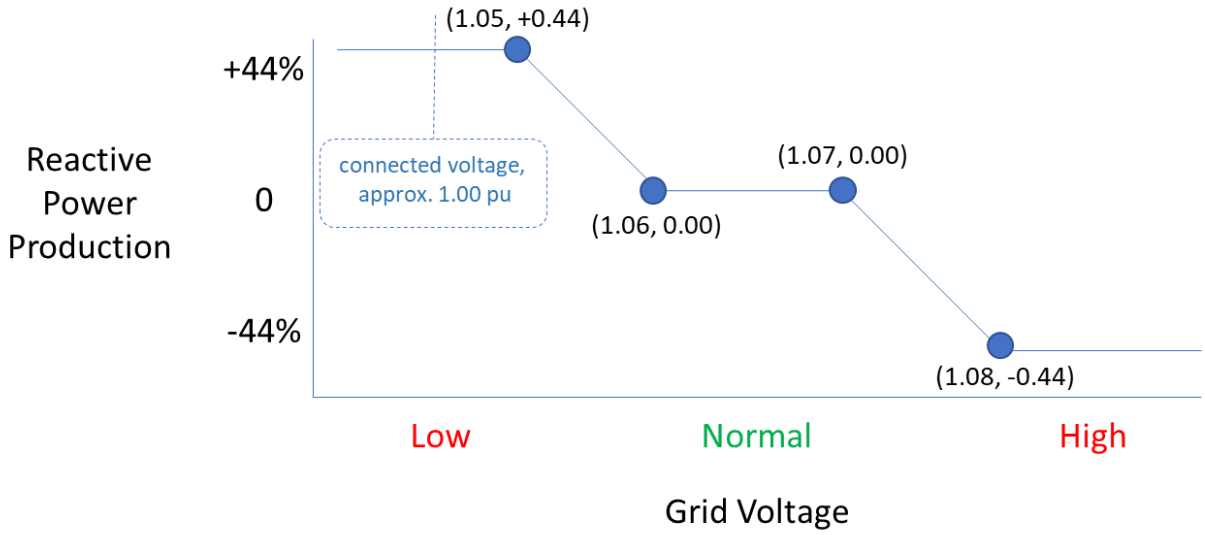

- Coordinates
    - (1.05, +0.44)
    - (1.06, 0.00)
    - (1.07, 0.00)
    - (1.08, -0.44)

- Register [Register Number to Enable VVar Mode], [Register Name]
    - Set to [Register Number], [Register Name]

- Register [Register Number for V1], [Register Name]
    - Set to **1050** (1.05 pu – grid voltage)
- Register [Register Number for V2], [Register Name]
    - Set to **1060** (1.06 pu – grid voltage)
- Register [Register Number for V3], [Register Name]
    - Set to **1070** (1.07 pu – grid voltage)
- Register [Register Number for V4], [Register Name]
    - Set to **1080** (1.08 pu – grid voltage)

- Register [Register Number for Q1], [Register Name]
    - Set to **44000** (44% – reactive power, injecting)
- Register [Register Number for Q2], [Register Name]
    - Set to **0** (0% – reactive power)
- Register [Register Number for Q3], [Register Name]
    - Set to **0** (0% – reactive power)
- Register [Register Number for Q4], [Register Name]
    - Set to **-44000** (-44% – reactive power, absorbing)

- Observe these registers and the read-only registers (listed in the first test)
    - Record before-and-after values
        - Pay attention to sign (+ or -) on the reactive power and power factor registers
    - Verify that the inverter performed the action as expected

<u>Set inverter to Volt-VAR curve #3</u>

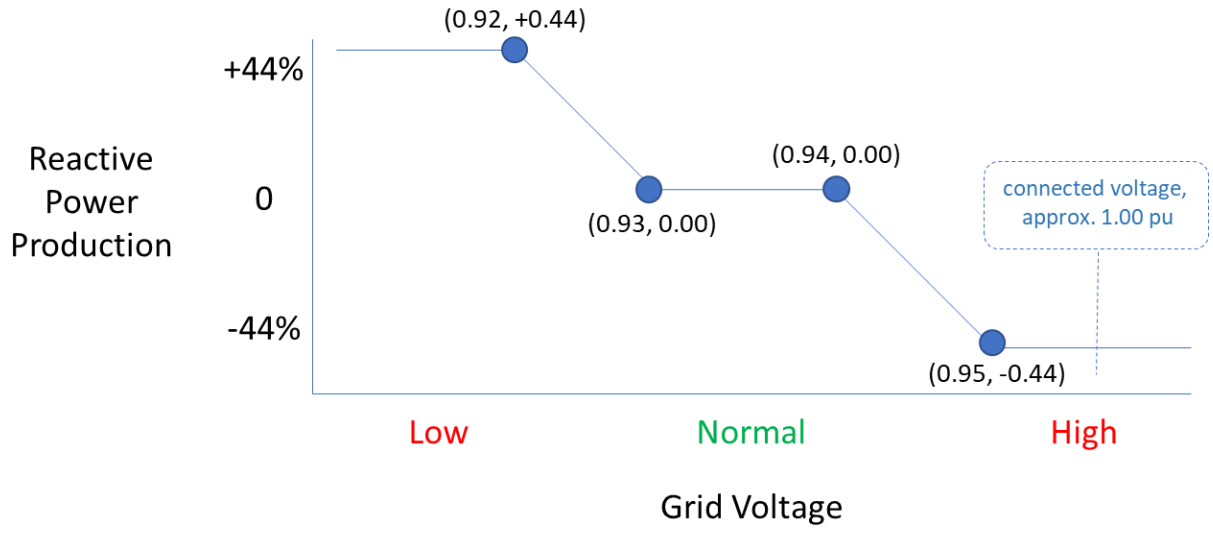

- Coordinates
    - (0.92, +0.44)
    - (0.93, 0.00)
    - (0.94, 0.00)
    - (0.95, -0.44)

- Register [Register Number to Enable VVar Mode], [Register Name]
    - Set to [Register Number], [Register Name]

- Register [Register Number for V1], [Register Name]
    - Set to **920** (0.92 pu – grid voltage)
- Register [Register Number for V2], [Register Name]
    - Set to **930** (0.93 pu – grid voltage)
- Register [Register Number for V3], [Register Name]
    - Set to **940** (0.94 pu – grid voltage)
- Register [Register Number for V4], [Register Name]
    - Set to **950** (0.95 pu – grid voltage)

- Register [Register Number for Q1], [Register Name]
    - Set to **44000** (44% – reactive power, injecting)
- Register [Register Number for Q2], [Register Name]
    - Set to **0** (0% – reactive power)
- Register [Register Number for Q3], [Register Name]
    - Set to **0** (0% – reactive power)
- Register [Register Number for Q4], [Register Name]
    - Set to **-44000** (-44% – reactive power, absorbing)

- Observe these registers and the read-only registers (listed in the first test)
    - Record before-and-after values
        - Pay close attention to the sign (+ or -) on the reactive power and power factor registers
    - Verify that the inverter performed the action as expected

<u>Toggle between Volt-VAR mode and Constant Power Factor mode</u>

- Register [Register Number to Toggle PF/VVar Mode], [Register Name]
- Toggle between [Register Number to Enable VVar Mode], [Register Name] and [Register Number to Enable PF Mode], [Register Name]

Observe these registers and the read-only registers (listed in the first test)

- Record before-and-after values
    - Pay close attention to the sign (+ or -) on the reactive power and power factor registers
- Verify that the inverter performed the action as expected

Test ability to use “ride-through” curve functionality (i.e., voltage & frequency limits)

Relevant registers

[INSERT IMAGES FROM MODBUS MAP]

Set curves (Change Values as Necessary with Unit and Scale Changes)

- OV1 = 1.10 p.u. @ 2.10 sec
    - Register [Register Number], [Register Name] unit: pu scale: 1000
        - To set 1.10 pu (264.0V), write a value of **1100**
    - Register [Register Number], [Register Name], unit: s, scaling = 1
        - To set 2.10 sec, write a value of **2100**
- OV2 = 1.20 p.u. @ 0.20 sec
    - Register [Register Number], [Register Name]
        - To set 1.20 pu (288.0V), write a value of **1200**
    - Register [Register Number], [Register Name]
        - To set 0.20 sec, write a value of **160**
- UV1 = 0.88 p.u. @ 2.10 sec
    - Register [Register Number], [Register Name]
        - To set 0.88 pu (211.2V), write a value of **880**
    - Register [Register Number], [Register Name]
        - To set 2.10 sec, write a value of **2100**
- UV2 = 0.50 p.u. @ 0.60 sec
    - Register [Register Number], [Register Name]
        - To set 0.50 pu (120.0V), write a value of **500**
    - Register [Register Number], [Register Name]
        - To set 0.60 sec, write a value of **600**
- OF1 = 61.2 Hz @ 301.00 sec
    - Register [Register Number], [Register Name], unit: Hz, scaling = 100
        - To set 61.2 Hz, write a value of **6,120**
    - Register [Register Number], [Register Name], unit: Hz scaling: 1000
        - To set 301.00 sec, write a value of **301,000**
- OF2 = 62.0 Hz @ 0.20 sec
    - Register [Register Number], [Register Name]
        - To set 62.0 Hz, write a value of **6,200**
    - Register [Register Number], [Register Name]
        - To set 0.20 sec, write a value of **200**
- UF1 = 58.5 Hz @ 301.00 sec
    - Register [Register Number], [Register Name]
        - To set 58.5 Hz, write a value of **5,850**
    - Register [Register Number], [Register Name]
        - To set 301.00 sec, write a value of **301,000**

- UF2 = 56.5 Hz @ 0.20 sec
    - Register [Register Number], [Register Name]
        - To set 56.5 Hz, write a value of **5,650**
    - Register [Register Number], [Register Name]
        - To set 0.20 sec, write a value of **200**

- Observe these registers
    - Record before-and-after values
    - Verify that the inverter received the curve settings as expected

Test Broadcast Functionality:

Use ID 0 to send a command to select registers; Observe is Changes were Reflected.

Test Writing Function Code Functionality:

Send a command to select registers using Function Code 6, Observe if Changes were Reflected.

Send a command to select registers using Function Code 16, Observe if Changes were Reflected.

Test Multi-Inverter Configuration:

Create a Poll group using Inverter IDs 2, 3, etc.

Confirm you can read/write to select registers from Modbus Poll using all available Inverter IDs

BEFORE THE
PENNSYLVANIA PUBLIC UTILITY COMMISSION

Petition of PPL Electric Utilities Corporation	:	
for Approval of its Second Distributed Energy	:	Docket No. P-2024-_____
Resources Management Plan	:	

DIRECT TESTIMONY OF CODY M. DAVIS

PPL Electric Statement No. 3

May 20, 2024

Q. PLEASE STATE YOUR NAME AND BUSINESS ADDRESS.

A. My name is Cody M. Davis, and my business address is 1904 S First St, Champaign, IL 61820.

Q. BY WHOM ARE YOU EMPLOYED AND IN WHAT CAPACITY?

A. I am employed by Electric Power Engineers, LLC as a Senior Manager of Distribution and Grid Modernization.

Q. WHAT ARE YOUR DUTIES IN YOUR CURRENT POSITION?

A. I am primarily responsible for leading a team of power systems engineers in providing consultation services to a variety of clients with different roles related to power distribution systems. My team supports utilities clients, regulatory bodies, non-profit organizations, generation developers, and commercial and industrial business by providing expertise in matters related to the distribution system. These matters include distribution system planning and load forecasting as well as the integration of emerging technologies like solar, battery energy storage, distributed energy resources ("DERs"), advanced metering infrastructure ("AMI"), advanced distribution management systems ("ADMS"), and DER management systems ("DERMS"), among others. I am responsible for providing expert consulting services as well as overseeing and ensuring the quality of information, deliverables, and services provided by my team. Currently, I am supporting PPL Electric in Pennsylvania with its implementation and evaluation of the current DER Management Plan and with its proposed Second DER Management Plan.

Q. WHAT IS YOUR EDUCATIONAL BACKGROUND?

A. I received a Bachelor of Science degree in Electrical and Computer Engineering from Southern Illinois University Edwardsville in 2014.

Q. PLEASE DESCRIBE YOUR PROFESSIONAL EXPERIENCE.

A. I have over 9 years of experience working within a distribution utility and as a consultant on projects in a variety of power distribution subject matter areas including distribution design, distribution planning, DER interconnection, and distribution system operations. Prior to joining Electric Power Engineers, LLC in 2020, I was a Career Engineer at Ameren Illinois Company ("Ameren Illinois") working on DER integration and strategy. During my time in this role, I performed DER interconnection and system impact studies for larger solar installations and lead internal interconnection policy and criteria development. I also led several initiatives and pilot analyses in hosting capacity, non-wires alternatives, the value of DERs to the distribution system, and the impact of smart inverter functions on Ameren Illinois's voltage optimization program. My full resume is attached as PPL Electric Exhibit CD-1.

Q. HAVE YOU PREVIOUSLY TESTIFIED AS AN EXPERT WITNESS BEFORE THE PENNSYLVANIA PUBLIC UTILITY COMMISSION ("COMMISSION")?

A. No, I have not.

Q. HAVE YOU PREVIOUSLY TESTIFIED AS AN EXPERT WITNESS BEFORE OTHER REGULATORY AGENCIES ON PUBLIC UTILITY ISSUES?

A. Yes. On behalf of Ameren Illinois, I provided testimony before the Illinois Commerce Commission at Docket No. 20-0389. On behalf of the Just Solar Coalition, I provided testimony before the Minnesota Public Utilities Commission at Docket No. E002/GR-21-630. On behalf of the Environmental Intervenors, I provided testimony before the Iowa Utilities Board at Docket No. RPU-2023-0002.

Q. WHAT IS YOUR ROLE IN PPL ELECTRIC'S IMPLEMENTATION OF THE DER MANAGEMENT PILOT PROGRAM ("PILOT PROGRAM")?

A. In my role with PPL Electric, I have supported many different aspects of the Pilot Program, including change management, process improvement, technology assessment, operational management implementation, use case development, data analytics, and reporting. With my background in distribution planning and DER interconnection, one of my primary focus areas is the development and assessment of use cases for the additional functionality provided by the Pilot Program.

Q. WOULD YOU PLEASE DESCRIBE THE SUBJECT MATTER OF YOUR TESTIMONY?

A. My testimony will provide: (1) an overview of the Pilot Program; (2) details about the use cases listed in the Second Revised Pilot Implementation Plan that have been analyzed during the course of the Pilot Program; and (3) details about other use cases that the Company has analyzed during the Pilot Program.

Q. ARE YOU SPONSORING ANY EXHIBITS WITH YOUR TESTIMONY?

A. Yes, I am sponsoring the following exhibits:

- PPL Electric Exhibit CD-1 – Resume of Cody M. Davis;
- PPL Electric Exhibit CD-2 – Second Revised Pilot Implementation Plan ("Pilot Implementation Plan");
- PPL Electric Exhibit CD-3 – List of 75 Distribution Circuits for Control Group 1;
- PPL Electric Exhibit CD-4 – Program Year 2 Annual Report;
- PPL Electric Exhibit CD-5 (HIGHLY CONFIDENTIAL) – Hidden Load Impact on Load Forecasting;
- PPL Electric Exhibit CD-6 (HIGHLY CONFIDENTIAL) – Hosting Capacity Year 2 Observations;
- PPL Electric Exhibit CD-7 (HIGHLY CONFIDENTIAL) – Hidden Load Impact on System Restoration;
- PPL Electric Exhibit CD-8 – Identification of a Non-Producing System;
- PPL Electric Exhibit CD-9 (HIGHLY CONFIDENTIAL) – Avoided Reinforcement During Switching #1;
- PPL Electric Exhibit CD-10 (HIGHLY CONFIDENTIAL) – Avoided Reinforcement During Switching #2;
- PPL Electric Exhibit CD-11 (HIGHLY CONFIDENTIAL) – Real Power Management Case Study; and
- PPL Electric Exhibit CD-12 (HIGHLY CONFIDENTIAL) – Real Power Management During Transfer Case Study.

I. OVERVIEW OF THE PILOT PROGRAM

Q. PLEASE DESCRIBE THE PURPOSE OF THE PILOT PROGRAM.

A. The goal of the Pilot Program is to understand, demonstrate, and quantify the benefits of active management, their associated costs, and the overall impact on distribution system and customers' DER system performance. PPL Electric's Pilot Program is the first of its kind in North America on this scale, communicating with and managing DERs down to the individual residential installation level for the purposes of improving power quality, safety, and hosting capacity, expanding operational awareness, and avoiding otherwise necessary capital investments and operational and maintenance expenses. The Commission's authorization of this program has already yielded significant benefits and will continue to enable the growth of clean energy in Pennsylvania while maintaining system reliability, power quality, and affordability.

In fact, the number of DERs has significantly grown in PPL Electric's service territory since the First DER Management Plan began on January 1, 2021. PPL Electric has seen increases of approximately 350% in DER applications, with a total of 11,841 DERs interconnected between the start of the First DER Management Plan on January 1, 2021, and May 16, 2024.

A full description of the Pilot Program is contained in the Second Revised Pilot Implementation Plan, which was submitted in the Company's First DER Management Plan proceeding at Docket No. P-2019-3010128. A copy of the Second Revised Pilot Implementation Plan is attached as PPL Electric Exhibit CD-2.

Q. PLEASE DESCRIBE THE TIMELINE OF THE PILOT PROGRAM.

A. The Pilot Program's test period began on March 22, 2022, after Control Group 2, described below, was fully established. The time leading up to the test period's commencement, from January 1, 2021, to March 21, 2022, was Program Year 0. Program Year 1 ran from March 22, 2022, through March 21, 2023. Program Year 2 began on March 22, 2023, and ended March 21, 2024, and Program Year 3 began on March 22, 2024, and will end on March 21, 2025.

Q. PLEASE DESCRIBE THE DER CUSTOMER GROUPS INCLUDED IN THE PILOT PROGRAM.

A. For purposes of the Pilot Program, PPL Electric identified four different DER customer groups. The groups are defined below, including their relationship to the Pilot Program. These definitions are critical to understanding the comparisons that the use cases make across the different customer groups, to establishing reporting requirements, and to calculating the costs and benefits attributed to monitoring and management of the DERs. Control Groups 1 and 2 and the Actively Managed Group were created and defined as part of the Pilot Program. Conversely, information from the Grandfathered Group is used as a basis for comparison. Some DER customers cannot participate in the Pilot Program because they are grandfathered or because PPL Electric exhausted the cap of 3,000 DER Management devices installed in the calendar year that they interconnected the DERs. The four defined DER customer groups are:

(1) **Grandfathered Group:** DER customers who applied for interconnection on or before December 31, 2020, and have completed their installation, are

"grandfathered" and, therefore, are not required to comply with the new interconnection requirements in the operations and maintenance of their DER installation. The Grandfathered Group also includes any customers who have applied for and completed their interconnection on or after January 1, 2021, but did not receive a DER Management device as part of their interconnection. One example of this group is customers who installed an inverter which communicates using IEEE 2030.5 prior to the availability of PPL Electric's IEEE 2030.5 communications solution. PPL Electric collects information continuously on the distribution system, including the circuits that host these DER customers, but there is no direct monitoring or active management of DER installations in this group.

(2) **Control Group 1:** This group contains all DER customers, who apply on or after January 1, 2021, and are located on 75 specific circuits, which are identified in PPL Electric Exhibit CD-3. These circuits were selected based on the circuits which serve the first 75 DER customers who applied to interconnect and are served by unique circuits. After those circuits were identified, all new DER customers who are served by one of these 75 circuits were interconnected in monitoring mode and operate with autonomous grid support functions only. The DERs on these 75 circuits are in "monitor-only" mode for the duration of the Pilot, meaning that they cannot be actively managed by PPL Electric and that the data collected from Control Group DERs is not used to make operational decisions. DER customers in Control Group 1 receive DER Management devices. Pursuant to the Settlement approved by the Commission in the First DER Management Plan proceeding,

Control Group 1 does not include any of the excluded circuits set forth in Attachment A to PPL Electric Exhibit CD-2.

(3) **Control Group 2:** This group contains the first DER customers to complete their installation, up to 1,000 participants, who also applied to interconnect on or after January 1, 2021, regardless of where they are located on the system. These customers are interconnected in monitoring mode and operate with autonomous grid support functions only. DER customers in Control Group 2 receive DER Management devices. DER customers in Control Group 1 count toward the 1,000 DERs in Control Group 2, with some customers being members of both Control Group 1 and Control Group 2.

(4) **Actively Managed Group.** All DER customers who submit applications and interconnect with the distribution system on or after January 1, 2021, excluding the customers outlined in Control Groups 1 and 2, as well as any customers who are members of the grandfathered group as a result of being interconnected after the cap of 3,000 DER management devices installed in the calendar year has been reached or due to other factors. The Company actively manages the grid support functions of the DER inverters in this Actively Managed Group using the DER Management devices and the Company's DERMS. The following grid support functions can be utilized in the smart inverters: (1) Volt/VAR; (2) Constant Power Factor; (3) Remote On/Off; (4) Voltage Ride-through; (5) Frequency Ride-through; and (6) Volt/Watt. Volt/Watt may only be enabled and managed with the consent of the interconnecting customer. PPL Electric only uses the Remote On/Off function on battery storage or solar systems that have not safely isolated or

"islanded" from the distribution system: (1) in emergency situations, such as a gas leak or fire in the vicinity of the DER; or (2) during restoration efforts following a power outage.

Control Group 1, Control Group 2, and the Actively Managed Group are included in the Pilot Program's scope and reporting. The Pilot Program's use cases, discussed in Section II, below, compare these groups to each other and to the Grandfathered Group to understand the costs and benefits of monitoring and actively managing DERs.

Q. HOW IS DATA COLLECTED AND VERIFIED FOR THE PILOT PROGRAM?

A. DER information, such as grid number, premise number, user group, circuit ID, nameplate generation size (kW), and distance from substation, is captured from the Geographic Information System ("GIS") and Customer Service System ("CSS") databases for all DER customer groups. Voltage data is taken across PPL Electric's network at all the available measuring points, such as the Supervisory Control and Data Acquisition ("SCADA") system and AMI meters, to monitor the network voltage level. System load data is captured at Company-owned devices at all the available measuring points in the network, such as circuit breakers, recloser devices, smart switching devices, and AMI meters. Voltage and load data is captured at all DER inverters within Control Groups 1 and 2 and the Actively Managed Group. Inverter baseline data that is collected and archived includes amps, voltage, watts, VARs, Power Factor, Power Factor setpoint value, Power Factor setpoint enabled, Volt/VAR enabled, and system status (On/Off). This data is captured for all DER customer groups and used for comparative analysis.

With DER monitoring and management, PPL Electric has seen a significant increase in data to help manage and plan the distribution system, with sources from the grid (before the meter) as well as AMI meter data and DER inverter data (behind the meter). Collecting data both before and behind the meter brings critical information to understand the full impact of two-way power flow on the safe and reliable operation of the distribution system. Using this data, PPL Electric is able to conduct comparisons among the four DER customer groups, show use cases, track multiple metrics, and analyze the differences in performance and grid-supporting behaviors of DERs with active management, monitoring, and without visibility on the distribution system.

Q. HOW ARE THE PILOT PROGRAM'S FINDINGS ANALYZED BY THE COMPANY?

A. PPL Electric gathers and stores data from participating DERs in three of the customer groups: Control Group 1, Control Group 2, and the Actively Managed Group. The data is used in comparison among the four customer groups (*i.e.,* Control Group 1, Control Group 2, Actively Managed Group, and Grandfathered Group) to determine the impact and benefits of DER monitoring and active management. Analysis of the collected data occurs in both an operating (real-time) environment and in planning (long-term) scenarios.

Operational analysis is done in near real-time so that operators and the Company's DERMS and ADMS can identify the impact of each DER on voltage and load on the circuit. The Company does not make operational decisions regarding the distribution system based on the information gathered from Control Group 1 and Control Group 2. DERMS/ADMS will determine if adjustments need to be made to traditional voltage

management devices, the settings on inverters in the Actively Managed Group, or both to mitigate violations and make work conditions safer. The operators can then change the inverter settings and determine if the potential violation is ameliorated. The information from all these events, for both monitored and actively managed customers, will be tracked and made available for further analysis.

Planning analysis includes post-event analysis of voltage and load information from the circuits with Grandfathered Group DERs (no monitoring) compared to circuits with monitored DERs and those with actively managed DERs. These comparisons determine whether monitoring and/or actively managing the DERs results in fewer voltage violations, fewer capital expenditures, or other system challenges being avoided.

II. OVERVIEW OF CAPABILITIES AND USE CASES INCLUDED IN THE PILOT PROGRAM

Q. PLEASE EXPLAIN THE ROLE OF USE CASES IN THE PILOT PROGRAM.

A. The use cases are intended to capture the benefits realized through the use of the new capabilities enabled by the Pilot Program. Identifying, tracking, and analyzing use case opportunities is an important aspect of evaluating the efficacy and efficiency of the Pilot Program and ensuring that the overall value is maximized.

Q. PLEASE PROVIDE AN OVERVIEW OF THE USE CASES INCLUDED IN THE SECOND REVISED PILOT IMPLEMENTATION PLAN.

A. The Second Revised Pilot Implementation Plan included eight use cases: (1) voltage violation at DER Point of Interconnection ("POC"); (2) voltage violation mitigated by DERs on the circuit; (3) voltage violation during planned switching; (4) system restoration;

(5) hidden load impact on load forecasting; (6) DER management impact on voltage management; (7) DER active management impact on hosting capacity increase and deferral of capital upgrade; and (8) DER operation in emergency conditions and in active work zones. I will address each of those use cases in the following sections.

Q. YOU MENTION NEW CAPABILITIES ENABLED BY THE PILOT PROGRAM. WHAT NEW CAPABILITIES ENABLED BY THE PILOT PROGRAM ARE YOU REFERENCING?

A. The Pilot Program has enabled PPL Electric to monitor and control several facets of inverter-based DER, as detailed within the Second Revised Pilot Implementation Plan. These capabilities include:

- Monitoring the real power production of the DER;
- Monitoring the reactive power production of the DER;
- Monitoring the voltage at the DER location;
- Modifying settings for the Volt/VAR curve autonomous grid support function;
- Modifying the settings for the ride-through autonomous grid support functions; and
- Adjusting the power factor in response to distribution system conditions.

Q. HOW ARE THESE CAPABILITIES INTERRELATED WITH THE USE CASES IN THE PILOT PROGRAM?

A. The use cases are, fundamentally, the identification of the ways in which these new capabilities result in improvements in distribution outcomes for customers. In this section of my testimony, I will identify the use cases, both those that were included in the Second

Revised Pilot Implementation Plan and those identified separately by PPL Electric, according to the specific capability used to achieve the benefits.

III. BENEFITS OF MONITORING CAPABILITIES ENABLED BY THE PILOT PROGRAM

Q. PLEASE DESCRIBE THE MONITORING CAPABILITIES ENABLED BY THE PILOT PROGRAM.

A. PPL Electric's DER Management device enables the Company to remotely communicate with inverters and collect near real-time data related to performance, device settings, and operating status. For the purposes of the use cases, the ability to monitor real power, reactive power, and voltage are the most impactful of the monitoring capabilities. PPL Electric also monitors status points and settings points, such as the Volt/VAR management mode, power factor management mode, and Volt/VAR curve setting points, among others. These status and settings points are necessary for ensuring ongoing system performance and to assess communication health but are not primary drivers of value for the use cases.

A. MONITORING REAL POWER

Q. WHAT USE CASES RESULT FROM PPL ELECTRIC'S ABILITY TO MONITOR REAL POWER PRODUCTION FOR INVERTER-BASED DER?

A. The communications capabilities and the data subsequently collected through monitoring real power production data has significant value for both system planning and operations. From the planning perspective, real power monitoring increases the accuracy of planning models and calculations. This results in increases in the available system load capacity by enabling the detection of hidden load (Use Case #5, Hidden Load Impact on Load Forecasting) as well as increases in DER hosting capacity (Use Case #7, DER Active

Management Impact on Hosting Capacity Increase and Deferral of Capital Upgrade). From an operational perspective, monitoring real power improves operational models, enables the detection of hidden load in order to facilitate safe switching and restoration (Use Case #4, System Restoration), and enables the identification of DER still operating within areas intended to be de-energized due to system outages or maintenance (Use Case #8, DER Operation in Emergency Conditions and Active Work Zones). In addition to these use cases from the Second Revised Pilot Implementation Plan, monitoring real power enables PPL Electric to identify systems that are not operational and notify customers of this condition.

Q. WHAT DO YOU MEAN BY "PLANNING MODELS"?

A. "Planning model" generally refers to the circuit models developed by PPL Electric (and peer utilities) to study various aspects of power flows on distribution circuits as well as identify the impacts of potential or expected changes in circuit conditions. PPL Electric uses power flow modeling software to develop power flow models for this purpose for distribution circuits.

Q. HOW DOES REAL POWER MONITORING IMPROVE THE ACCURACY OF PLANNING MODELS?

A. PPL Electric includes interconnected DER within its distribution system model. In the absence of historical real power production data, planning engineers must make assumptions about the relative output of the DER in the scenario(s) being studied. Generally speaking, planning studies are conducted to identify and evaluate constraints or determine whether violations of planning criteria will occur that would negatively impact

customers or damage infrastructure. Consequently, assumptions within these studies tend to be based on worst case scenarios in order to ensure that these constraints and planning criteria are not violated. The availability of historical DER real power production data, obtained as a result of real power monitoring of DER through the Pilot Program, eliminates the need for such assumptions by allowing the actual production values to be used instead. Because the DER real power production changes the power flow results within the model, the end result is a more accurate model of distribution system conditions.

Q. WHAT BENEFITS RESULT FROM IMPROVING THE ACCURACY OF PLANNING MODELS?

A. Improving the accuracy of planning models also improves the accuracy of the studies that utilize those models, including load interconnection studies and DER interconnection studies. Because the assumptions replaced by the monitored data are generally more risk-averse, the improved accuracy generally results in fewer system modifications needed to accommodate new load and generation and, subsequently, less interconnection cost for customers.

Q. YOU MENTIONED THAT REAL POWER MONITORING ALSO ENABLES THE DETECTION OF HIDDEN LOAD. WHAT IS HIDDEN LOAD?

A. Hidden load is the amount of load that is present on a circuit but not measured at telemetry points (e.g., the circuit breaker) because the energy is being provided by local downstream DERs. The amount of load measured by distribution equipment is often referred to as the "net" load, and the total amount of load operating on the circuit (including the amount

offset by DER production) is the “native” load, with “hidden” load in a given interval as the difference between the two.

Q. HOW DOES HIDDEN LOAD IMPACT DISTRIBUTION SYSTEM CAPACITY PLANNING WHEN DERS’ REAL POWER PRODUCTION IS NOT MONITORED?

A. Similar to the planning model impact I discussed previously, a lack of historical data for DER real power means that assumptions must be utilized instead in order to estimate net load and native load for planning purposes. If production is assumed to be too high, this can place infrastructure at risk of unintended overloads. Consequently, in the absence of actual performance data, it is common to assume full nameplate real power production in order to minimize the risk of equipment overloads. In practice, because all DER are unlikely to be operating at full nameplate output during the local distribution peak, this assumption artificially increases the estimated loading and reduces the estimated amount of capacity available on the system. In addition, since the present year data is used to develop future year load forecasts, often by using percentage annual growth factors, using an artificially high peak load value can result in increasing amounts of capacity-reducing error in future years of the forecast.

Q. HOW DOES THE MONITORING OF DER REAL POWER PRODUCTION IMPROVE THE HIDDEN LOAD AND CAPACITY DETERMINATION PROCESSES?

A. The benefits of using monitored DER real power production data within this process are identified within Use Case #5 (Hidden Load Impact on Load Forecasting) of the Second Revised Pilot Implementation Plan. The data gathered of a result of real power monitoring improves the accuracy of load and capacity calculations, resulting in more timely investments in capacity where it is needed. Absent this data, such investments would be more likely to occur sooner than necessary.

Q. HAS PPL ELECTRIC IDENTIFIED ANY SPECIFIC CAPACITY INCREASES OR INVESTMENT DEFERRALS AS A RESULT OF THE DATA COLLECTED FROM MONITORING DER REAL POWER?

A. Yes. HIGHLY CONFIDENTIAL PPL Electric Exhibit CD-5, Hidden Load Impact on Load Forecasting, evaluates eight circuits with relatively high penetrations of DER that were forecasted to experience load growth and subsequent capacity constraints. Of these eight, seven showed potential to defer upgrades within the next 10 years as a result of using monitored data in place of the nameplate DER output.

Circuit	Planning Nominal Rating (kVA)	Load Growth	Gen Growth	Circuit Upgrade Required By (w/o DER monitoring)	Circuit Upgrade Required By (w DER monitoring)	Circuit Upgrade Deferred by	Circuit Upgrade Cost
A	10,000	3%	8%	2023	2030	7 yrs	$410 K
B	10,000	2%	8%	2023	2024	1 yr	$1,099 K
C	8,000	3%	10%	2031	2032	1 yr	$383 K
D	10,000	5%	8%	2026	2033+	7+ yrs	$148 K
E	11,000	3%	10%	-	-	-	-
F	10,000	3%	8%	2023	2027	4 yrs	$1,520 K
G	10,000	3%	8%	2023	2028	5 yrs	$ 66 K
H	11,000	3%	8%	2023	2027	4 yrs	N/A

Q. YOU ALSO MENTIONED USE CASE #7, WHICH DEALS WITH HOSTING CAPACITY. WHAT IS HOSTING CAPACITY ANALYSIS, AND HOW IS IT RELATED TO SYSTEM UPGRADES?

A. Hosting capacity analysis is a type of distribution study which uses planning models to estimate the amount of DER that can be added at different locations within the distribution system before load or voltage violations begin to occur. When a potential DER interconnection is larger than the available hosting capacity, system upgrades are required in order to accommodate that DER. Consequently, increasing hosting capacity increases the amount of generation that can be installed at a given location, reducing the need for system upgrades and the resulting costs. Increasing hosting capacity by using the real power monitoring and power factor control capabilities is identified within the Second Revised Pilot Implementation Plan as Use Case #7 (DER Active Management Impact on Hosting Capacity Increase and Deferral of Capital Upgrade).

Q. HOW DOES REAL POWER MONITORING IMPROVE HOSTING CAPACITY AND POTENTIALLY DEFER CAPITAL UPGRADES?

A. Since hosting capacity analysis is based on the results from planning models, the model accuracy benefits of real power monitoring, which I discussed previously, and result in generally higher hosting capacity values.

Q. HAS PPL ELECTRIC IDENTIFIED ANY HOSTING CAPACITY IMPROVEMENTS AS A RESULT OF ITS PILOT PROGRAM?

A. Yes. As explained in the Program Year 2 Annual Report (PPL Electric Exhibit CD-4), the use of data from real power monitoring increased the system-wide hosting capacity by approximately 18 MW when compared to using the DER nameplate data instead. PPL Electric also examined the individual node-level data at the system and circuit level to capture the impacts more granularly, the results of which are provided as HIGHLY CONFIDENTIAL PPL Electric Exhibit CD-6: Hosting Capacity Year 2 Observations. Averaged across the entire distribution system, monitoring real power increased the hosting capacity at the average system node by 1.0% in the analysis performed for Program Year 2 (March 2023 – March 2024). On specific circuits, the results are significantly more impactful, with many circuits seeing increases of more than 50% when compared to the nameplate assumption results.

Q. HOW WILL ADDING MORE DER WITH MONITORING CAPABILITIES IMPACT THE RESULT OF THE HOSTING CAPACITY ANALYSIS?

A. I believe that as more DERs with monitoring capabilities are added, the increases resulting from the scenario using monitored data, compared with the nameplate scenario, will continue to grow. Effectively, each new DER with monitoring capability that is added increases the gap between results because the nameplate alternative is a much more conservative assumption that underestimates the true hosting capacity available. This will help accommodate DER growth in a cost-effective manner.

Q. YOU ALSO MENTIONED THAT REAL POWER MONITORING IMPROVES THE ACCURACY OF OPERATIONAL MODELS. WHAT DO YOU MEAN BY "OPERATIONAL MODELS"?

A. As PPL Electric Witness Aliesha Dombrowski-Diamond discusses within her direct testimony (PPL Electric Statement No. 2), PPL Electric utilizes an Advanced Distribution Management System (ADMS) that is capable of performing power flow calculations based on the system configuration, incorporating status and measurement points from telemetered devices. For simplicity, I will refer to the ADMS, the monitored status and measurement points, and the results of power flow calculations and estimated thermal loading, voltage, and other values as "operational models."

Q. HOW DOES REAL POWER MONITORING IMPROVE THE ACCURACY OF OPERATIONAL MODELS?

A. Similar to the planning models, incorporating real power measurements allows for the replacement of performance assumptions with real data, which increases the accuracy of power flow calculations and improves the load and voltage estimates within the operational

model. It also allows for the ADMS and system operators to quantify the amount of load being hidden by DER that would need to be supported by the distribution system if the DER were no longer producing.

Q. WHAT BENEFITS RESULT FROM IMPROVING THE ACCURACY OF OPERATIONAL MODELS?

A. Increasing the accuracy of voltage calculations helps PPL Electric more effectively identify and respond to voltage violations through both traditional means (e.g., using capacitor banks) and using the DER power factor control capabilities established by the Pilot Program. Improved model quality also improves the operation of Fault Isolation and Service Restoration ("FISR") schemes by providing more accurate estimates for load and voltages under potential switching configurations to restore service automatically following an outage.

In addition, being aware of the hidden load helps ensure that switching operations (especially those that occur automatically through FISR) do not result in equipment overloads or any potential equipment damage. This is captured in Use Case #4 (System Restoration) from the Second Revised Pilot Implementation Plan. Following an outage, a DER must remain de-energized for at least five minutes, during which time the distribution system must carry both the load it had previously been carrying as well as any hidden load that was previously supported by the DER. Being aware of the magnitude of the hidden load enables operators and the ADMS to make informed decisions to avoid overload conditions during restoration efforts.

Q. HAS PPL ELECTRIC IDENTIFIED ANY SPECIFIC INSTANCES OF THESE BENEFITS ON THE DISTRIBUTION SYSTEM?

A. Yes. PPL Electric performed an analysis to better understand the impacts of DERs and hidden load in operations during system restoration events, which has been provided as HIGHLY CONFIDENTIAL PPL Electric Exhibit CD-7: Hidden Load Impact on System Restoration. This analysis was performed on eight circuits with high DER penetration and relatively high load and compared the estimated overload risk with and without the use of DER real power monitoring data. Of the eight circuits studied, seven had potential overload risk based on estimated loading within a 10-year forecast period. For all seven circuits, the risk was mitigated for at least one additional year because of improved accuracy from DER real power monitoring.

Q. YOU REFER TO USING MONITORING TO IDENTIFY DERS STILL OPERATING IN AREAS INTENDED TO BE DE-ENERGIZED. CAN YOU EXPLAIN HOW MONITORING COULD BE USED IN SUCH SCENARIOS?

A. This application of monitoring is captured within Use Case #8 (DER Operations in Emergency Conditions and Active Work Zones) from the Second Revised Pilot Implementation Plan. For safety reasons and to avoid equipment damage, DERs are not permitted to remain operating in parallel with the distribution system during planned maintenance outages or unplanned outages. Monitoring DERs' real power can help operators identify DERs that are still producing in areas intended to be de-energized and take action to avoid injury to line crews and the public.

Locations on the distribution system may also be de-energized for public safety during emergency events such as house fires and gas leaks. Monitoring DERs' real power can identify whether DERs at such locations are still energized, which can improve information and safety for first responders. For example, if a customer has a back-up power system, PPL Electric's actions to de-energize the location (for example, by utilizing the AMI meter disconnection capability) will not be able fully de-energize the site. If the back-up power scheme incorporates the customers monitored solar system, PPL Electric can identify that the location is still energized and inform first responders on-site to improve their safety and response capabilities.

Q. YOU MENTIONED THAT REAL POWER MONITORING CAN HELP PPL ELECTRIC IDENTIFY SYSTEMS THAT ARE NOT OPERATIONAL. WHAT DO YOU MEAN BY "NOT OPERATIONAL"?

A. Systems that are not operational are those that are not able to produce real power when expected. This could be a result of a number of different causes related to a customer's equipment, including having a disconnect switch open, a blown fuse, or other causes.

Q. HOW IS REAL POWER MONITORING USED TO IDENTIFY SYSTEMS THAT ARE NOT OPERATIONAL?

A. Because PPL Electric has a communication path to the DERs and can monitor the real power production, it is possible to identify systems that have lost communication or where the real power production during daylight hours is zero.

Q. WHAT BENEFITS RESULT FROM PPL ELECTRIC'S ABILITY TO IDENTIFY SUCH SYSTEMS?

A. Where such systems are identified, PPL Electric can notify customers that their system is not producing energy, which can improve customer awareness and result in customer maintenance actions to restore the system to functionality.

Q. HAS PPL ELECTRIC NOTIFIED ANY CUSTOMERS THAT THEIR SYSTEMS WERE NOT PRODUCING?

A. Yes. As identified within the Program Year 2 Annual Report, PPL Electric has contacted 22 customers to notify them that their DER is not producing real power. An example of one such case is provided as PPL Electric Exhibit CD-8: Identification of a Non-Producing System. In this case, PPL Electric observed a loss of communication to the DER Management device and, upon investigation, identified that the customer's fused disconnect had blown, de-energizing the DER system. After PPL Electric notified the customer of this condition, it was corrected by the customer and their installer in order to restore the energy production of the system.

Q. WHAT DO YOU CONCLUDE ABOUT PPL ELECTRIC'S ABILITY TO MONITOR DER REAL POWER AS ENABLED BY THE PILOT PROGRAM?

A. I conclude that the ability to monitor DERs' real power through the Pilot Program has resulted in significant benefits to PPL Electric customers and significant improvements in planning and operational outcomes and subsequently avoided or deferred capital investments.

B. MONITORING REACTIVE POWER AND VOLTAGE

Q. WHAT USE CASES RESULT FROM PPL ELECTRIC'S ABILITY TO MONITOR THE REACTIVE POWER CONTRIBUTION OF INVERTER-BASED DER?

A. PPL Electric's ability to monitor reactive power for DERs within the Pilot Program improves the accuracy of operational models and enables the calculation of lost generation that results from reactive power support functions, including Volt/VAR curves and power factor setpoint management.

Q. HOW DOES MONITORING REACTIVE POWER IMPROVE OPERATIONAL MODEL ACCURACY?

A. Similar to monitoring real power, monitoring DERs' reactive power also improves operational models and power flow calculations of thermal loading and voltage by replacing the performance assumed by the model with actual data points. This yields calculation results that more closely match actual circuit values in the field, which enhances the operation of applications such as FISR and voltage management.

Q. YOU MENTION "LOST GENERATION" AS THE RESULT OF VOLT/VAR CURVES AND ACTIVE MANAGEMENT. PLEASE EXPLAIN WHAT THIS "LOST GENERATION" IS AND WHAT OCCURS.

A. Inverters have a maximum apparent power rating (in units of kVA) above which they cannot operate, which varies by inverter model. Real and reactive power capabilities both contribute to the overall apparent power of the inverter in the classic power triangle

relationship, where the square of the real power plus the square of the reactive power equals the square of the apparent power. In the absence of any reactive power support requirements, the inverter can produce real power (in units of kW) up to the inverter's rated apparent power rating because the entire apparent power consists of real power. If an inverter is operating at the maximum real power and reactive support is required, the real power value must be reduced in order to allow for reactive power support to be provided while also not exceeding the inverter's maximum apparent power rating. This occurs with the use of Volt/VAR curves with reactive power priority (which is the mode utilized by many utilities, including PPL Electric) as well as the use of power factor management commands. For simplicity, I will use the term "lost generation" to refer to the difference between the amount of real power generated over time (in units of kWh) with reactive support requirements considered when compared to the amount that would've been generated in the absence of reactive power support requirements.

Q. HOW IS MONITORING REACTIVE POWER RELATED TO LOST GENERATION?

A. Monitoring the reactive power of the inverter (either directly or indirectly through the monitoring of other values than enable the calculation of reactive power) is necessary in order to calculate the lost generation for a given inverter. This calculation cannot be performed using just the real power data.

Q. DOES PPL ELECTRIC CALCULATE LOST GENERATION FOR DERS WITHIN THE PILOT PROGRAM?

A. Yes. As identified within the Second Revised Pilot Implementation Plan, PPL Electric must provide a report to each customer within the Pilot Program that identifies the amount of generation lost or gained as a result of the use of autonomous grid support functions and as a result of the Company's active management of grid support functions.

Q. HOW DOES PPL ELECTRIC CALCULATE LOST GENERATION FOR THOSE CUSTOMERS?

A. Net generation lost is calculated by totaling the energy lost during all time intervals where inverter grid support functions were utilized, assuming sufficient generation was available to reach the maximum inverter apparent power rating if not limited by the reactive power support requirements.

Lost generation from reactive power support functions (i.e., Volt/VAR and Constant Power Factor) can only occur when the inverter's real power generation is between 90% and 100% of the apparent power rating and when the inverters measured/calculated apparent power and maximum rated apparent power are the same magnitude. When it is producing real power at 100% of the apparent power rating, there is no lost generation because no reactive support is being provided. When it is producing real power below 90% of the apparent power rating, real power does not need to be reduced in order to provide reactive support, because reactive power support up to the maximum required level of 44% of the inverter's maximum apparent power rating results in the total apparent power remaining below the inverter's maximum nameplate rated apparent power.

To calculate a customer's lost generation resulting from reactive power support functions, PPL Electric identifies each time interval from the monitored real power data where real power production is between 90% and 100% of the nameplate apparent power rating. Within each such interval, the monitored reactive power is used to calculate whether the total apparent power of the inverter is operating at the maximum rated value. If the actual apparent power is lower than the nameplate apparent power rating, no generation is lost in that interval. If the actual apparent power is equal to the maximum rated apparent power of the inverter, then the lost generation in that time interval is calculated as the difference between the nameplate apparent power rating and the measured real power value during the same interval. This difference is effectively the amount of additional real power that would have been produced if not for reactive power requirements. Once each interval is identified, the time duration of the interval is applied in order to convert to an energy value (in units of kWh), and then all such intervals are summed to determine the overall lost generation for the customer.

Q. HOW DOES CALCULATING THE LOST GENERATION RESULT IN BENEFITS FOR CUSTOMERS?

A. PPL Electric's ability to calculate lost generation as a result of Volt/VAR curves allows for uniquely effective and low-cost tracking of the overall performance of Volt/VAR curves and their impact on customer generation. For utilities without monitoring capabilities, there is limited visibility into the lost generation resulting from the use of Volt/VAR curves. Lost generation information is also provided directly to customers so that they can understand how the Volt/VAR curve impacts their energy generation and potentially pursue

modifications to increase their energy generation capabilities. Similarly, for power factor management commands, PPL Electric is able to calculate the total amount of lost generation for each customer and collectively as a result of the active management of DER power factor setpoints. Within the Program Year 2 Annual Report, a total of 4,859.52 kWh of lost generation was identified across 221,394 control events for an average of 0.02195 kWh per event. Tracking this aspect of performance is important to continuous improvement efforts to manage voltage effectively while minimizing any potential negative impacts to customers.

Q. WHAT USE CASES RESULT FROM PPL ELECTRIC'S ABILITY TO MONITOR DER VOLTAGE?

A. The ability to monitor DERs' voltage improves system operator information and awareness (which is a component of Use Case #1, Voltage Violation at the DER Point of Interconnection) and improves PPL Electric's ability to respond to customer voltage issues.

Q. HOW DOES MONITORING DERS' VOLTAGE IMPROVE OPERATOR INFORMATION AND AWARENESS?

A. Historically, voltage measurements for operations have been limited to a relatively small number of locations where distribution devices have communications capabilities. This includes equipment such as substation busbars and circuit breakers, communications-enabled reclosers, and capacitor banks, all with varying degrees of measurement accuracy. The ability to observe voltage at more points within the network through DER voltage monitoring further improves the ability of operators to understand system voltages and

compare the measured values against the voltage values estimated by the operational model to verify model accuracy.

DER voltage monitoring also enables the ADMS and system operators to identify voltage violation conditions at the DER location and take appropriate action. The detection of these conditions and the subsequent actions make up Use Case #1 (Voltage Violation at the DER Point of Interconnection) from the Second Revised Pilot Implementation Program.

Q. YOU STATED THAT MONITORING VOLTAGE IMPROVES CUSTOMER VOLTAGE ISSUE TROUBLESHOOTING. PLEASE EXPLAIN HOW DER VOLTAGE INFORMATION CAN BE UTILIZED FOR THIS PURPOSE.

A. PPL Electric receives and responds to customer inquiries related to voltage issues. These issues can be caused by a myriad of conditions including loose connections, lack of customer grounding equipment, system-level voltage issues, customer equipment malfunction, or a host of other potential causes. Therefore, it is often useful to gather data at the customer's location in order to narrow down possible root causes. Traditionally, this includes using historical AMI voltage measurement data along and may include setting power quality monitoring equipment temporarily to gather high-resolution data. With the addition of DER voltage monitoring, power quality investigations have an additional source of voltage data at DER customer locations that can be useful in determining the root cause of the voltage issue.

Q. WHAT DO YOU CONCLUDE ABOUT PPL ELECTRIC'S ABILITY TO MONITOR DER REACTIVE POWER AND VOLTAGE AS ENABLED BY THE PILOT PROGRAM?

A. I conclude that PPL Electric's ability to monitor DER reactive power and voltage improves the information and capabilities of system operators and enables important information gathering to support efficient voltage management and inform customers about the operation of their DER.

IV. BENEFITS OF MANAGING AUTONOMOUS GRID SUPPORT FUNCTIONS ENABLED BY THE PILOT PROGRAM

Q. PLEASE DESCRIBE THE AUTONOMOUS GRID SUPPORT FUNCTION MANAGEMENT CAPABILITIES ENABLED BY THE PILOT PROGRAM.

A. The Pilot Program enables PPL Electric to modify the Volt/VAR curve setpoints for DERs within the Actively Managed Group. It also allows PPL Electric to modify the Overvoltage, Undervoltage, Overfrequency, and Underfrequency Ride-Through setpoints (collectively referred to as "ride-through curves").

Q. WHAT USE CASES RESULT FROM PPL ELECTRIC'S ABILITY TO MANAGE THE AUTONOMOUS GRID SUPPORT FUNCTIONS?

A. The use cases resulting from the management of autonomous grid support functions were not explicitly identified within Attachment C of the Second Revised Pilot Implementation Plan but are impactful and help improve the integration and performance of DERs. PPL Electric utilizes the management of the autonomous grid support functions to program initial values into customer inverters, which helps streamline the interconnection process.

PPL Electric can manage the Volt/VAR curves to respond to changing system conditions or increase the amount of energy generated by the customer's DER. PPL Electric also has the capability to update the ride-through curves efficiently in bulk if any changes become necessary in the future.

Q. PLEASE EXPLAIN HOW INVERTERS ARE PROGRAMMED WITH VOLT/VAR CURVE AND RIDE-THROUGH CURVE SETTINGS UNDER PPL ELECTRIC'S PILOT PROGRAM.

A. Once a customer has completed the installation of their inverter and after PPL Electric has installed the DER Management device, PPL Electric programs the Volt/VAR curve and ride-through curves on the customers inverter(s) remotely. Neither the customer nor their DER installer needs to be involved in programming inverter settings.

Q. IN YOUR EXPERIENCE, HOW ARE INVERTERS PROGRAMMED WITH VOLT/VAR CURVES AND RIDE-THROUGH CURVES IN OTHER UTILITY JURISDICTIONS?

A. In my experience, in other utility jurisdictions, Volt/VAR curves and ride-through curves are set by the customer or their installer as part of the commissioning process. When a utility has standard Volt/VAR and ride-through curves for all DER interconnections, inverter grid profiles may be used to set the inverter curve points for each curve to the appropriate standard for the utility territory. If the utility does not have standard curves available within a manufacturer grid profile, the customer or their installer will need to modify the settings individually. In some cases, utilities may require assurance or evidence

that the appropriate curves have been programmed, or they may verify the curve points during the utility witness test process prior to authorizing the operation of the DERs.

Q. HOW DOES PPL ELECTRIC'S CURVE PROGRAMMING CAPABILITY, ENABLED BY THE PILOT PROGRAM, IMPROVE UPON PRACTICES FROM OTHER JURISDICTIONS?

A. Because PPL Electric can program and validate the Volt/VAR and ride-through curves remotely, customers and installers do not have to establish the settings locally or provide any validation of the settings. This removes the settings modification responsibilities from customers and installers and eliminates the need for separate settings verification steps within the interconnection process.

Q. YOU IDENTIFIED UPDATING VOLT/VAR CURVES IN RESPONSE TO CHANGES IN DISTRIBUTION SYSTEM CONDITIONS AS A USE CASE FOR THE PILOT PROGRAM. WHAT TYPES OF CHANGES IN SYSTEM CONDITIONS ARE YOU REFERRING TO, AND HOW DO THEY IMPACT CUSTOMERS?

A. The distribution system changes over time as new loads, new generators, and new infrastructure are built and connected. This is particularly true with the expected levels of electrification and DER adoption anticipated in the next several years. Such changes will result in changes to distribution system connectivity and customer voltage profiles, both of which are impactful to Volt/VAR curve performance.

From a system planning perspective, distribution system connectivity is based on the "normal" system configuration, which is the state the system is intended to be operated in whenever feasible. Permanent modifications to the "normal" system configuration occur regularly as part of the planning process in order to provide additional capacity, resolve voltage issues, or improve reliability. As an example, when PPL Electric constructs a new distribution substation, customers previously served by other substations will be transferred over to the new substation and circuits as their new "normal" source. These types of changes in configuration can result in significant changes to customer voltage profiles. For example, a customer who was previously located several miles away from the closest substation may now be much closer and, subsequently, experience voltages on the higher end of the allowable range. Such changes can impact the relative effectiveness and amount of lost generation experienced as a result of the Volt/VAR curve. In addition to configuration changes, anticipated increases in the amounts of DER and electrification loads connected to the distribution system will have a significant impact on customer voltage profiles and, subsequently, the performance of the Volt/VAR curve.

Q. HOW DOES UPDATING VOLT/VAR CURVES IN RESPONSE TO SUCH CONDITIONS RESULT IN BENEFITS?

A. PPL Electric determines customized Volt/VAR curves for each interconnecting DER and bases the calculation of this curve on the location, electrical system equipment characteristics, and historical voltage profile at that location. This results in more optimized Volt/VAR curve performance when compared to less targeted, system-wide curves but can create challenges if the circuit voltage profile changes or the customer is transferred to a

different circuit. The ability to update Volt/VAR curves in response to changes in system conditions enables PPL Electric to use a location-specific Volt/VAR curve approach to improve voltage management on the distribution system. In the absence of these capabilities, PPL Electric would have to consider using more generic Volt/VAR curves that would reduce the voltage management performance of the curves.

Q. HAS PPL ELECTRIC MODIFIED ANY CUSTOMER VOLT/VAR CURVES IN RESPONSE TO CHANGING SYSTEM CONDITIONS?

A. Yes. In 2023, PPL Electric completed construction of the new University substation, which began serving customers previously served by other nearby substations. Of the customers transferred, six had actively managed DERs that required new Volt/VAR curves. PPL Electric calculated new Volt/VAR curves for these six customers based on the expected conditions on the circuits supplied by the new substation. These curve modifications were identified within the Program Year 2 Annual Report and were executed remotely without any disruption to the affected customers.

Q. ARE THERE OTHER REASONS PPL ELECTRIC WOULD ASSIGN A NEW VOLT/VAR CURVE?

A. Yes. As I discussed earlier in my testimony, PPL Electric uses monitored real and reactive power data to calculate the amount of customer energy generation lost as a result of the operation of Volt/VAR curves for each customer in the Pilot Program. While the average energy losses are generally less than 10 kWh (based on the results of PPL Electric's Customer Reports from Program Year 1), some customers experience significantly more

lost generation than others. This result, with some high loss outlier customers, has also occurred at other utilities using Volt/VAR curves, such as Hawaiian Electric Company[1]. In these outlier cases, PPL Electric can perform analysis using the measured historical DER real power, reactive power, and voltage information, along with AMI voltage and other circuit parameters, to evaluate whether modifications to the Volt/VAR curve can reduce the amount of energy losses experienced by the customer.

Q. HAS PPL ELECTRIC UPDATED ANY CUSTOMER VOLT/VAR CURVES TO INCREASE THE AMOUNT OF ENERGY GENERATED BY DERS?

A. Yes. PPL Electric has modified the Volt/VAR curves of six DERs (in addition to the six on University substation) to increase the amount of energy produced by the customers' DERs. PPL Electric also identified two customers within the control groups that could have had their energy generation increased through PPL Electric's update of their Volt/VAR curve. While PPL Electric is currently prohibited from making such modifications, it was estimated that these two customers could see annual increases of 106.7 kWh and 52 kWh respectively[2]. If PPL Electric were allowed to modify the Volt/VAR curves for customers within the control groups, as proposed within PPL Electric Witness Salim Salet's direct testimony (PPL Electric Statement No. 1), these increases could be realized.

[1] Smart Inverter Utility Experience in Hawaii: nrel.gov/docs/fy19osti/74091.pdf.

[2] PPL Electric Exhibit CD-4, p. 31.

Q. BEYOND THE VOLT/VAR CURVE UPDATES, ARE THERE BENEFITS TO BEING ABLE TO UPDATE RIDE-THROUGH CURVES REMOTELY AS WELL?

A. Yes. PPL Electric's standard ride-through curves are based on the settings recommended by PJM Interconnection LLC ("PJM") to support the stability of the bulk power system. PPL Electric's ability to remotely modify ride-through settings for DERs within the Pilot Program makes it possible to adjust settings on large numbers of interconnected DERs in the future at minimal cost of deemed necessary in the future by PJM.

Q. WHAT DO YOU CONCLUDE ABOUT PPL ELECTRIC'S ABILITY TO MODIFY VOLT/VAR AND RIDE-THROUGH SETTINGS AS ENABLED BY THE PILOT PROGRAM?

A. I conclude that PPL Electric's ability to modify Volt/VAR and ride-through settings has resulted in beneficial outcomes for customers and would continue to do so in the future.

V. BENEFITS OF REACTIVE POWER MANAGEMENT CAPABILITIES ENABLED BY THE PILOT PROGRAM

Q. PLEASE DESCRIBE THE REACTIVE POWER MANAGEMENT CAPABILITIES ENABLED BY THE PILOT PROGRAM.

A. As described within the Second Revised Pilot Implementation Plan, PPL Electric has the ability to issue a new power factor setpoint to DERs within the Active Management Group, temporarily overriding the pre-set Volt/VAR curve or a previously issued power factor setpoint. PPL Electric executes these override commands automatically using its ADMS/DERMS in response to voltage violation conditions on the distribution system.

These commands are configured such that the reactive power remains within the capability ranges established within the IEEE 1547-2018 standard based on the amount of real power produced by the inverter. The power factor setpoints issued by PPL Electric currently range from 0.9 absorbing to 0.9 injecting in order to ensure that inverters are not directed to produce more than 44% of their nameplate as reactive power, which is also established within IEEE 1547-2018.

Q. WHAT USE CASES RESULT FROM PPL ELECTRIC'S ABILITY TO MANAGE THE POWER FACTOR SETPOINT OF DERS?

A. From the Second Revised Pilot Implementation Plan, the following use cases are derived from power factor management capabilities:

- Use Case #1: Voltage Violation at DER Point of Interconnection
- Use Case #2: Voltage Violation Mitigated by DERs on the Circuit
- Use Case #3: Voltage Violation During Planned Switching
- Use Case #6: DER Management Impact on Voltage Management
- Use Case #7: DER Active Management Impact on Hosting Capacity Increase and Deferral of Capital Upgrade

Collectively, these use cases explore different impacts and consequences of PPL Electric's improved ability to address voltage violations on the system by utilizing DER reactive power capabilities in an orchestrated, centrally optimized manner.

Q. HOW DOES PPL ELECTRIC DEFINE A VOLTAGE VIOLATION?

A. PPL Electric must maintain system voltages within certain allowable ranges, which vary by service type. A voltage violation occurs when a customer's service voltage is outside of the allowable range for greater than one minute.[3] For most customers, PPL Electric generally aims to maintain service voltages between 95% and 105% (0.95 to 1.05 in per unit values) of the nominal service voltage.

Q. PLEASE EXPLAIN WHY THE SEGMENTATION OF THE VOLTAGE-DRIVEN USE CASES INTO FIVE USE CASES IS BENEFICIAL IN UNDERSTANDING THE IMPACTS OF DER POWER FACTOR MANAGEMENT.

A. Each of the five voltage management use cases, while dealing with the same core challenge, address voltage violations in different ways and using different strategies. As a result, the benefits of active management of the power factor setpoint manifest in different forms. At the point of interconnection, the role of the Volt/VAR curve is central to evaluating opportunities for enhancement through power factor control. On the system more broadly, voltage violation mitigation is part of system operations, system reliability, and distribution planning. The goals and methods of each group vary, as do the benefits achieved through the use of active management of the power factor setpoint. I will explain the specific roles of these functions and teams, as well as how they relate to the use cases.

[3] 52 Pa. Code § 57.14(b)-(c).

Q. WHAT IS THE ROLE OF VOLT/VAR CURVES IN MANAGING VOLTAGE AND ADDRESSING VOLTAGE VIOLATIONS?

A. Fundamentally, Volt/VAR curves measure the voltage at the DER terminals and modify the reactive power setpoint based on that locally measured voltage. PPL Electric's Volt/VAR curve calculation process fully utilizes DER reactive power capabilities during voltage violations, requiring 44% of nameplate power as reactive power support when voltages are below 0.95 or above 1.05 per unit. As a result, Volt/VAR curves are highly effective at responding to voltage violations at the DER point of interconnection. In some cases, the Volt/VAR curve is active as a result of the voltage rise from interconnecting the DER itself, and the curve helps to avoid voltage violations that would otherwise be caused by the DER. In other cases, when the DER is located in an area experiencing a high or low voltage condition, it can respond to those conditions (because it measures and responds to local voltage) and help mitigate voltage violations for both the DER customer and other customers in the area. If the DER is not within the area experiencing a voltage violation, it provides much more limited support capabilities. PPL Electric's custom Volt/VAR curve approach helps to maximize the value of the Volt/VAR curve in such scenarios by developing setpoints that facilitate both local and system-level support, but there are limitations to such capabilities.

Q. WHAT IS THE ROLE OF DER POWER FACTOR SETPOINT ADJUSTMENTS IN MANAGING SYSTEM VOLTAGE AND ADDRESSING VOLTAGE VIOLATIONS?

A. Power factor setpoint adjustments are primarily intended to complement the voltage support functionality of the Volt/VAR curve and enable DER reactive power to help resolve voltage violations where the Volt/VAR curve has not fully utilized the DER's available reactive support capability. This applies for voltage violations at both the DER point of interconnection as well as elsewhere on the distribution system.

Q. WHAT IS THE ROLE OF PPL ELECTRIC SYSTEM OPERATORS AND THE ADMS/DERMS IN MANAGING VOLTAGE AND ADDRESSING VOLTAGE VIOLATIONS?

A. Within the operational time horizon, the role of system operators and the ADMS/DERMS in voltage management is to take actions using the available resources to minimize the occurrence, magnitude, and duration of voltage violations. Historically, this has been accomplished by opening or closing capacitor banks to provide reactive power support and adjust the power factor to address undervoltage or overvoltage events. This has also included interfacing with the transmission system operators if incoming distribution bus voltages are outside the acceptable ranges. With the addition of DER power factor adjustment capabilities, system operators and the ADMS/DERMS now have an additional set of resources to adjust reactive power to address voltage issues on the operational time horizon. These operational capabilities are primarily addressed within Use Case #1 (Voltage Violation at DER Point of Interconnection), Use Case #2 (Voltage Violation

Mitigated by DERs on the Circuit), and Use Case #3 (Voltage Violation During Planned Switching).

Q. PLEASE EXPLAIN HOW USING DER POWER FACTOR SETPOINT ADJUSTMENTS CAN ADDRESS VOLTAGE ISSUES AT THE DER POINT OF INTERCONNECTION, AS IDENTIFIED WITHIN USE CASE #1.

A. As I explained previously, the Volt/VAR curve is the primary means by which voltage violations at the DER point of interconnection are addressed, and PPL Electric's Volt/VAR curves fully utilize the available reactive power support during local voltage violations. With that said, there are cases where active management of the power factor setpoint can improve local customer voltage. For three-phase inverters, the Volt/VAR curve may not fully utilize the full reactive power capabilities on the same phase on which a voltage violation is occurring. In addition, voltage rise on the customer's system between the DER and the meter may impact the measured voltage and, subsequently, may result in not fully utilizing the available reactive support.

Volt/VAR curves for three-phase inverters set the reactive power contribution for each phase equally based on the average of the three measured phase voltages, as required by IEEE 1547-2018. Because PPL Electric operates a system capable of connecting single phase loads and DERs, voltage violations may occur on one or more of the three phases. Since the Volt/VAR curve responds based on the average, rather than the minimum, it may not fully engage with its maximum reactive power support capability on the phase(s) requiring voltage support.

Likewise, connecting DERs that inject real power results in a voltage increase between the DERs and PPL Electric's AMI meter. If the customer's AMI meter is measuring a low voltage condition below the 0.95 per unit threshold, the DER may still be measuring a voltage above 0.95 per unit and may not fully engage its reactive power support capabilities. While both of these conditions can occur, their overall impact is relatively small.

Q. HAS PPL ELECTRIC UTILIZED ACTIVE MANAGEMENT OF THE POWER FACTOR SETPOINT TO ADDRESS VOLTAGE VIOLATIONS AT THE DER POINT OF INTERCONNECTION?

A. Not to my knowledge. While PPL Electric has established and benefited from the DER voltage monitoring capabilities identified in Use Case #1 and described earlier in my testimony, I am not aware of any power factor management events on DERs intended to resolve voltage violations at the DER location being managed. Active management of the setpoint power factor has been primarily successful at mitigating voltage violations in other locations on the distribution system, which is captured in Use Case #2 (DER Voltage Violation Mitigated by DERs on the Circuit) within the operational time horizon.

Q. PLEASE EXPLAIN HOW THE USE OF DER POWER FACTOR SETPOINT ADJUSTMENTS HAS IMPACTED VOLTAGE ISSUES ON DISTRIBUTION CIRCUITS.

A. PPL Electric has utilized the active management of DER power factor setpoints extensively to improve distribution system voltages and address voltage violation events in an efficient

manner, as described within Use Case #2 (Voltage Violation Mitigated by DERs on the Circuit) from the Second Revised Pilot Implementation Plan. These events have resulted in decreases in the frequency, duration, and severity of voltage violations on circuits with actively managed DER when compared to the outcomes expected if active management of power factor setpoints were not available. The Program Year 2 Annual Report contains several relevant analyses and data points that support this conclusion.

- Through the end of Program Year 2 in March of 2024, PPL Electric had performed 221,394 power factor management events.

- Prior to the first active management event in 2022, customers on circuits that now have active management DERs experienced significantly longer and more frequent voltage violations (Program Year 2 Annual Report, page 15) when compared to circuits that now have control group 1 DER. Since the first active management event in 2022, the difference in voltage violation frequency and duration between the two groups has narrowed significantly, indicating that active management has been effective at reducing voltage violation frequency and duration.

- In 2022, customers on circuits with actively managed DERs experienced a relatively lower incidence of the most severe levels of voltage violations when compared to their peers in Control Group 1 (Program Year 2 Annual Report, page 18). By the end of 2023, this gap had widened even further as a result of the significant increase in the number of active management events and their effectiveness at reducing voltage violation severity.

- Active management of power factor setpoints resulted in highly net positive outcomes in resisting voltage violation occurrence and degradation, improving voltage violation conditions by reducing the magnitude, and resolving voltage violation conditions (Program Year 2 Annual Report, pages 21 and 22).

Q. YOU ALSO MENTIONED VOLTAGE VIOLATIONS DURING PLANNED SWITCHING. WHAT IS PLANNED SWITCHING?

A. Planned switching occurs when circuits are reconfigured in order to support known, planned maintenance work or other events. For instance, if a circuit breaker inside a substation requires maintenance, the customers normally served by that circuit may instead be transferred temporarily to a different circuit so that the circuit breaker can be de-energized and safely maintained without causing customer outages. In contrast, "unplanned" switching generally occurs as a result of a fault that causes customer service interruptions. A parallel example of unplanned switching would be if a circuit breaker in a substation failed, causing an outage to customers on that circuit. Those customers would be switched to a different circuit temporarily in order to restore service, but the switching is in response to system events rather than planned ahead of time.

Q. WHAT IS THE ROLE OF SYSTEM OPERATORS AND THE ADMS/DERMS DURING PLANNED SWITCHING?

A. To facilitate a requested maintenance or other need, system operators will identify a switching plan to meet the maintenance need safely while maintaining service to customers and will create switching orders to implement that plan. If there are concerns about

switching, particularly related to potential equipment loading or customer voltages, distribution planning will study the proposed configuration and identify any potential negative equipment or customer impacts, which can result in modifying the switching plan or, if necessary, cancelling the planned switching if a suitable configuration cannot be identified.

Once the planned switching has been executed, system operators and the ADMS/DERMS are responsible for monitoring the system for reliability, loading, and voltage issues for the duration of the planned switching and responding to any issues that arise. Once the underlying maintenance work or other event driver has been completed, the system operators facilitate the restoration of the system to its normal configuration.

Q. HOW IS ACTIVE MANAGEMENT OF DER POWER FACTOR SETPOINTS BENEFICIAL DURING PLANNED SWITCHING?

A. Active management of DER power factor setpoints is useful both during distribution planning's switching study process (which I will discuss in more detail later in my testimony) and to system operators for the duration of planned switching events. These benefits are captured within Use Case #3 (Voltage Violation During Planned Switching). When loads are transferred to circuits other than their normal source, voltage issues are a significant concern. Historically, the focus has primarily been on low voltage issues due to increased load and generally increasing distances when customers are fed from a different circuit. With the increasing amounts of interconnected DERs on the distribution system, high voltage issues are an increasingly relevant concern during switching events. If a large DER or a collection of smaller DERs are transferred to an alternate source during

conditions of relatively light load and are far from the substation source, this can result in high voltage conditions. In either case, active management of DER power factor setpoints can be used as a tool to mitigate unexpected high or low voltage issues that may arise while the system is abnormally configured.

Q. IS DER POWER FACTOR SETPOINT MANAGEMENT USEFUL DURING UNPLANNED SWITCHING AS WELL?

A. Yes. While the driver for the switching event may be different, the potential for voltage issues as a result of unplanned system reconfiguration is still present and may actually be more likely to benefit DER power factor support for voltage. Planned switching to support maintenance is generally more common during periods of relatively light loading (e.g., during spring) because circuits are less prone to overloading and low voltage during such periods. Outage events, in contrast, can occur at any time, so switching to restore customers may be more likely to result in voltage issues. Active management of DER power factor setpoints provides another resource to help mitigate these issues and restore service to customers.

Q. WHAT IS THE ROLE OF PPL ELECTRIC'S RELIABILITY ENGINEERING TEAM IN ADDRESSING VOLTAGE VIOLATIONS?

A. The reliability engineering team reviews voltage violation events detected by AMI and responds to customer inquiries related to voltage issues. Where needed, they investigate voltage issues and identify any corrective actions or system modifications to address the issues identified and prevent the recurrence of such issues in the future. This can include

developing projects for new equipment such as capacitor banks and voltage regulators, which would also be coordinated with the planning team.

Q. HOW DOES ACTIVE MANAGEMENT OF DER POWER FACTOR SETPOINTS IMPACT THESE EFFORTS BY THE RELIABILITY ENGINEERING TEAM?

A. DER power factor setpoint adjustments performed by system operators and the ADMS/DERMS (which I discussed previously) can reduce the number, frequency, and duration of voltage violations. This reduces the number of customers who contact PPL Electric about voltage violations and, subsequently, reduces the number of investigations performed by the reliability engineering team and the number of visits to customer locations by PPL Electric (commonly referred to as "truck rolls"). Within the Program Year 2 Annual Report, PPL Electric identified 23,272 customers that had a voltage violation resolved during the same time interval as a DER power factor control event through the end of Program Year 2 in March 2024 and could have resulted in a truck roll. If each such customer had contacted PPL Electric about their voltage issue, it would have resulted in approximately $13,666,306 of operation and maintenance expense for truck rolls. Reducing the frequency, duration, and severity of voltage violations can also help reduce the need to make system modifications or investments in voltage support equipment, which is captured within Use Case #6 (DER Management Impact on Voltage Management).

Q. HAS PPL ELECTRIC IDENTIFIED ANY SPECIFIC AVOIDED SYSTEM INVESTMENTS IN VOLTAGE SUPPORT EQUIPMENT AS A RESULT OF THE ACTIVE MANAGEMENT OF DER POWER FACTOR SETPOINTS?

A. Not yet. While there have been significant impacts to reducing the frequency, duration, and severity of voltage violations, no specific avoided investments have been identified. There are a few factors that impact this result. First, active management of DER power factor setpoints for solar resources is only impactful during daylight hours. As such, DERs may address voltage issues during the day, but if the event extends into the evening or re-occurs at night, additional resolution measures may still be needed. Second, while the population of active management DERs has increased significantly, they still make up a relatively small percentage of PPL Electric's distribution system. Even on the circuits with the highest penetrations of active management DERs, the total collective reactive power support capabilities are less than the 600 kVAR provided by a typical distribution capacitor bank on PPL Electric's system. Still, despite these limitations, there have been significant positive impacts to system voltages on circuits with active management DERs, which shows that there is significant potential to prevent future needs for voltage support equipment, especially as active management DER penetration continues to increase.

Q. WHAT IS THE ROLE OF PPL ELECTRIC'S DISTRIBUTION PLANNING TEAM IN ADDRESSING VOLTAGE RELATED ISSUES?

A. The distribution planning team is responsible for studying historical and forecast system load and voltage conditions and identifying any voltage-driven capital investments, device settings changes, or other system modifications to prevent or resolve voltage violations.

This includes the use of distribution planning models to study the impact of load changes or other circuit changes on system voltage levels. In addition, the distribution planning team performs interconnection studies for new large loads and large DERs. This includes the calculation of hosting capacity at various locations on the distribution system. The distribution planning team also performs studies to support planned operational switching, studying the load and voltages expected to result from temporary circuit reconfiguration and load transfers to ensure that planned maintenance switching can be performed without creating load or voltage issues.

Q. HOW DOES ACTIVE MANAGEMENT OF DER POWER FACTOR SETPOINTS IMPACT THESE EFFORTS BY THE DISTRIBUTION PLANNING TEAM?

A. The ability to adjust the power factor setpoint for DERs provides the planning team with additional tools to resolve voltage issues in the studied scenarios, potentially preventing the need for system modifications, capital investments, and customer interconnection costs that would otherwise be necessary. These benefits are primarily captured within Use Case #3 (Voltage Violation During Planned Switching), Use Case #6 (DER Management Impact on Voltage Management), and Use Case #7 (DER Active Management Impact on Hosting Capacity Increase and Deferral of Capital Upgrade).

Q. WHAT BENEFITS DOES ACTIVE MANAGEMENT OF DER POWER FACTOR SETPOINTS PROVIDE DURING PLANNED SWITCHING STUDIES?

A. As I discussed earlier, planned switching can result in voltage issues. PPL Electric's distribution planning team studies proposed planned switching in order to determine

whether the plan will result in equipment overloads or voltage issues. Based on the study results, the planning team coordinates with the operations team to determine the appropriate path forward, which may include modifying the date, time, or duration of the planned switching, installing additional equipment to mitigate potential issues, or cancelling the planned switching if no viable solution is available. The ability to actively manage DER power factor setpoints, when incorporated into planned switching studies, provide an additional resource to address voltage violations, which can enable planned switching events at dates and times that would otherwise not be viable and may avoid system upgrades that would otherwise be needed to support switching events. These benefits are identified within Use Case #3 (Voltage Violation During Planned Switching) from the Second Revised Pilot Implementation Plan.

Q. HAS PPL ELECTRIC IDENTIFIED ANY SPECIFIC INSTANCES WHERE THE ACTIVE MANAGEMENT OF DER POWER FACTOR SETPOINTS WOULD BENEFIT PLANNED SWITCHING OUTCOMES?

A. Yes. Within the Program Year 2 Annual Report, PPL Electric identified two studies related to planned switching that indicate that active management of DER power factor setpoints would have been able to avoid $38,000 of investment in capacitor banks to support planned switching. The analyses for these two cases, demonstrating these benefits of active management and the inability of Volt/VAR curves to provide the same level of benefits, are provided as HIGHLY CONFIDENTIAL PPL Electric Exhibits CD-9 and Exhibit CD-10.

Q. WHAT BENEFITS DOES ACTIVE MANAGEMENT OF DER POWER FACTOR SETPOINTS PROVIDE WITH RESPECT TO THE DISTRIBUTION PLANNING TEAM'S STUDIES TO MAINTAIN SYSTEM VOLTAGES?

A. Active management of DERs' power factor setpoints provides an additional tool to address voltage constraints within planning studies for both present and future conditions. This can help drive down the potential need for voltage related system upgrades to respond to changes in voltages as a result of load and DER growth over time. This is captured within Use Case #6 (DER Management Impact on Voltage Management) within the Second Revised Pilot Implementation Plan, which I also discussed previously in my testimony when I identified the impacts to PPL Electric's reliability engineering team. The underlying value driver is the same, with reliability engineering focused on present-day identified issues and distribution planning focused on future forecast changes and different scenarios.

Q. YOU ALSO MENTIONED ADDITIONAL HOSTING CAPACITY. HOW DOES THE ACTIVE MANAGEMENT OF DER POWER FACTOR SETPOINTS RESULT IN ADDITIONAL HOSTING CAPACITY?

A. One of the conditions that limits hosting capacity on the distribution system is the occurrence of voltage violations, especially voltages above the allowable range, as a result of the addition of new DERs to the system. Within PPL Electric's hosting capacity analysis (the results of which are provided as Appendix E of the Program Year 2 Annual Report), the hosting capacity at many nodes on the distribution system is limited by this constraint. PPL Electric's ability to actively manage the power factor setpoint provides an additional resource to address these limitations, which results in an increase in system hosting

capacity. This is captured within Use Case #7 (DER Management Impact on Hosting Capacity Increase and Deferral of Capital Upgrade) of the Second Revised Pilot Implementation Plan.

Q. HAS PPL ELECTRIC IDENTIFIED SPECIFIC HOSTING CAPACITY INCREASES AS A RESULT OF THE ACTIVE MANAGEMENT OF DER POWER FACTOR SETPOINTS?

A. Yes. From the Program Year 2 Annual Report (PPL Electric Exhibit CD-4), the use of active management of the DER power factor setpoint increased the system-wide hosting capacity by approximately 5 MW when compared to using the autonomous only Volt/VAR curve scenario. With monitoring, Volt/VAR, and active management capabilities included, system hosting capacity was estimated to be 29 MW higher than in the nameplate scenario. PPL Electric also examined the individual node-level data at the system and circuit level to capture the impacts more granularly, the results of which are provided as HIGHLY CONFIDENTIAL PPL Electric Exhibit CD-6: Hosting Capacity Year 2 Observations. Averaged across the entire distribution system, the monitoring, Volt/VAR, and active management capabilities together increased the hosting capacity at the average system node by 2.0% in the analysis performed for Program Year 2 (March 2023 – March 2024). As a more specific example, hosting capacity on one circuit was limited by high voltage impacts. On this circuit, active management of the DER power factor setpoint increased the average nodal hosting capacity from 736.58 to 802.79, an increase of approximately 9% when compared to the autonomous Volt/VAR curve scenario.

Q. HOW DOES INCREASING HOSTING CAPACITY IMPACT DER INTERCONNECTION COSTS?

A. Increasing hosting capacity enables the distribution system to accommodate more DERs before system conditions begin to require modifications or the addition of new voltage management equipment. Consequently, using active management to increase hosting capacity reduces overall interconnection costs for new DER.

Q. WHAT DO YOU CONCLUDE ABOUT PPL ELECTRIC'S ABILITY TO MANAGE THE POWER FACTOR OF DERS AS ENABLED BY THE PILOT PROGRAM?

A. I conclude that PPL Electric's ability to manage DER power factors has resulted in significant reductions in the frequency, duration, and severity of customer voltage violations. It has also shown positive impacts on PPL Electric's ability to perform planned switching and has increased the hosting capacity of the distribution system.

VI. BENEFITS OF REMOTE ON/OFF CONTROL CAPABILITIES ENABLED BY THE PILOT PROGRAM

Q. PLEASE DESCRIBE THE REMOTE ON/OFF CONTROL CAPABILITIES ENABLED BY THE PILOT PROGRAM.

A. Through the DER Management device, PPL Electric can modify the On/Off status of an inverter-based DER remotely. Use of this function allows an inverter to be effectively disabled (and later re-enabled) and prevented from injecting power into the distribution system. As identified within the Second Revised Pilot Implementation Plan, PPL Electric can only use this functionality "on battery storage systems or solar systems that have not

safely isolated or 'islanded' from the distribution system; (1) in emergency situations, such as a gas leak or fire in the vicinity of the DER; or (2) during a power outage."

Q. WHAT USE CASES RESULT FROM PPL ELECTRIC'S ABILITY TO MANAGE THE ON/OFF STATUS OF DERS?

A. From the Second Revised Pilot Implementation Plan Attachment C, Use Case #8 (DER Operation in Emergency Conditions and in Active Work Zones) is primarily driven by the management of the DER On/Off status. Within this use case, PPL Electric can monitor DER status (as discussed earlier in my testimony) and remotely disable DER during emergency situations such as a fire or gas leak. This can provide an additional layer of safety for first responders by removing a potential source of energy at a location intended to be de-energized.

PPL Electric can also monitor DER status during outages and can remotely disable any active management DERs that are still operating within areas that should be de-energized for public or crew safety due to fault conditions, downed conductors, or during repairs.

Q. HAS PPL ELECTRIC UTILIZED THE REMOTE ON/OFF CONTROL CAPABILITY TO ACHIEVE THESE BENEFITS?

A. Not yet. Within the Program Year 2 Annual Report, PPL Electric identified 1,022 outage events that impacted actively managed DERs but did not observe any which caused an unintentional islanding event. The report also identifies one instance of public safety

disconnection at an actively managed DER location, but the Remote On/Off capability was not utilized because the incident occurred at night.

Q. WILL IT BECOME MORE LIKELY THAT THESE CAPABILITIES ARE USED IN THE FUTURE?

A. Yes. As more actively managed DERs are added and more emergency response events occur over time, it will become more likely that the two will coincide and the remote disconnection capabilities can be used to improve first responder safety. With regard to outages and unintentional islanding, increasing DER penetration and deployments of different types of inverters can increase the likelihood of unintentional islands.[4]

VII. BENEFITS OF NEW CAPABILITIES PROPOSED BY PPL ELECTRIC

Q. IN ADDITION TO CAPABILITIES ESTABLISHED BY THE PILOT PROGRAM, IS PPL ELECTRIC REQUESTING ANY ADDITIONAL CAPABILITIES IN THIS DOCKET?

A. Yes. As identified in PPL Electric Witness Salet's direct testimony (PPL Electric Statement No. 1), PPL Electric is requesting the ability to directly set the reactive power value on inverters, rather than relying solely on the present power factor control capability. PPL Electric is also seeking approval to manage the maximum real power output value on the inverter.

[4] National Renewable Energy Laboratory, A Primer on Unintentional Islanding Protection Requirement IEEE Std 1547-2018, pp. 22-23.

Q. WHAT USE CASES ARE IMPACTED BY THE CAPABILITY TO DIRECTLY MANAGE THE REACTIVE POWER SETPOINT ON DERS?

A. Direct management of the reactive power setpoint is an improved method to achieve the same use cases and benefits as the power factor management capabilities I discussed earlier in my testimony. This primarily includes Use Cases #1, #2, #3, #6, and #7.

Q. HOW DOES DIRECT MANAGEMENT OF THE REACTIVE POWER SETPOINT IMPROVE OUTCOMES FOR THESE USE CASES?

A. One of the challenges with using power factor setpoints to manage reactive power is that changes in real power output over time (due to, for example, changes in irradiance on solar systems) will result in unintended changes in reactive power that can reduce the effectiveness of active management at mitigating voltage violations. Using the direct management method allows PPL Electric to decouple the reactive power setpoint from the real power output. This decoupling allows for reactive power to be set in a manner that does not change with the real power output, so long as the real power remains in the range where reactive support capability is required by IEEE 1547-2018. The end result is more efficient and consistent management of reactive power for voltage support use cases when compared to the use of power factor management for the same purposes.

Q. WHAT DO YOU CONCLUDE ABOUT PPL ELECTRIC'S PROPOSED CAPABILITIES FOR DIRECTLY MANAGING THE REACTIVE POWER SETPOINT FOR DER?

A. I conclude that management of the reactive power setpoint could improve voltage management outcomes when compared to power factor control.

Q. YOU ALSO IDENTIFIED THAT PPL ELECTRIC IS REQUESTING THE ABILITY TO MANAGE THE MAXIMUM REAL POWER OUTPUT FOR DERS. WHAT USE CASES DOES THIS RESULT IN THAT BENEFIT PPL ELECTRIC'S CUSTOMERS?

A. The ability to manage the maximum real power output function will allow PPL Electric to interconnect a higher volume of DERs more quickly and at a lower cost compared to the current capabilities established by the Pilot Program. The real power management capability can also improve outcomes during planned or unplanned switching for customers with and without DERs.

Q. IS PPL ELECTRIC THE ONLY UTILITY PURSUING THIS CAPABILITY?

A. No. This concept, often referred to as Flexible Interconnection, is being explored by many stakeholders within the industry. The Electric Power Research Institute ("EPRI") has developed materials explaining the concept in more detail[5] and the U.S. Department of Energy ("DOE") is providing and facilitating information sharing and technical assistance

[5] EPRI – Understanding Flexible Interconnection: https://www.epri.com/research/products/000000003002014475.

through their Interconnection Innovation e-Xchange ("I2X")[6]. Several utilities are pursuing or have deployed pilot projects, including Avangrid through New York State Electric and Gas ("NYSEG") and Rochester Gas and Electric ("RG&E") in New York[7] and National Grid in Massachusetts[8]. The topic has also been discussed in Illinois as part Multi-Year Integrated Grid Plans dockets, with both Ameren Illinois[9] and Commonwealth Edison Company ("Commonwealth Edison")[10] planning to develop written plans for Flexible Interconnection. Beyond just utilities, other industry advocates are also highlighting the benefits of flexible interconnection, especially in support of the integration of clean energy. In Illinois, the Joint Non-Governmental Organizations ("Joint NGOs"), consisting of Environmental Law and Policy Center, Natural Resources Defense Council, Vote Solar, and Union of Concerned Scientists, stated in their reply brief[11] that "Flexible Interconnection is one of the most important things Ameren can do to accelerate DER interconnection and optimize the hosting capacity of the grid." In New York, the Clean Energy Parties (a coalition of clean energy trade associations and member companies)

[6] DOE I2X Flexible Interconnection - https://www.energy.gov/sites/default/files/2024-03/Flexible%20Interconnection%20Strategies%20and%20Approaches%20Intro%20Webinar%20Slides%203.15.pdf.

[7] Avangrid Flexible Interconnection Results: https://dps.ny.gov/system/files/documents/2022/11/avangrid-flexible-interconnection.pdf.

[8] National Grid Flexible Interconnection Pilot Programs: https://gridforce.my.site.com/s/article/ACTIVE-RESOURCE-INTEGRATION-ARI-FLEXIBLE-INTERCONNECTIONS-PILOT.

[9] Ameren Illinois Multi-Year Integrated Grid Plan, Section 10.3.5 Reports: https://www.icc.illinois.gov/docket/P2022-0487/documents/348085/files/607904.pdf.

[10] Commonwealth Edison Multi-Year Integrated Grid Plan, Ch. 5 Hosting Capacity and Interconnection Investments: https://icc.illinois.gov/downloads/public/edocket/607970.PDF.

[11] Joint NGO Reply Brief in Ameren Multi-Year Integrated Grid Plan: https://icc.illinois.gov/downloads/public/edocket/597999.PDF.

provided comments within the Coordinated Grid Planning Process in support of Flexible Interconnection as a way to meet the state's aggressive clean energy goals, stating their belief that "it is reasonable and appropriate for flexible interconnection to be evaluated as an alternative to local T&D upgrades in a manner consistent with its expected operational capabilities."[12] While different stakeholders may disagree on some aspects of the implementation, there is recognition from a variety of stakeholders in the industry that Flexible Interconnection can provide useful new capabilities in interconnecting DERs to the distribution system in a timely and cost-effective manner.

Q. HOW COULD THE MANAGEMENT OF THE REAL POWER LIMIT FUNCTION RESULT IN LOWER INTERCONNECTION COSTS?

A. Traditionally, planning and DER interconnection studies without real power control capabilities are performed at the "boundary" conditions, which are the scenarios where system constraints are most likely to appear (e.g., peak and minimum load) under normal operating conditions. Therefore, system reinforcements may be identified that are only necessary during times when the system is near the "boundary" conditions and when the DER is at its full output capability. Rather than pursuing costly system upgrades that may only be needed a handful of hours per year, customers could elect to have PPL Electric manage the maximum real power output parameter of the DER during such conditions to prevent the constraint condition from occurring in the first place. This enables the DER to interconnect and operate at its full nameplate capabilities whenever possible without

[12] Clean Energy Party Comments in New York's Coordinated Grid Plan Process: https://www.nyseia.org/_files/ugd/a89dc9_4ddd1df72e7b4446a3d22cf2a5b276ec.pdf.

requiring extensive system upgrades by applying real power limits during constrained time periods.

Q. HAS PPL ELECTRIC IDENTIFIED ANY SUCH OPPORTUNITIES FOR LOWER INTERCONNECTION COSTS ON ITS DISTRIBUTION SYSTEM?

A. Yes. In an illustrative case study (see HIGHLY CONFIDENTIAL PPL Electric Exhibit CD-11: Real Power Management Case Study), the management of the real power limit function would enable a proposed 10 MW solar facility to avoid approximately $1.48 million in system upgrades that would otherwise be necessary as a result of a conductor overload. Within the study, it was estimated that the applicant solar facility could produce approximately 96% of the total annual energy generation capabilities. PPL Electric's ability to manage the real power limit function would enable this applicant to choose whether to pursue a system upgrade to achieve their full energy generation or to avoid the upgrade by allowing PPL Electric to manage the system during constrained time periods. This added flexibility empowers the interconnector and helps enable cost-effective integration of DER within the distribution system.

Q. HOW DOES THE MANAGEMENT OF THE REAL POWER LIMIT FUNCTION RESULT IN FASTER INTERCONNECTION TIMELINES?

A. Because managing the real power limit function enables resources to interconnect without requiring system upgrades, the time needed to design and construct those system upgrades is also avoided. In cases where the timeline for constructing the system upgrades avoided (including procurement of any long lead-time equipment) would have been longer than the

timeline to construct the DER facilities, then the interconnection timeline for DERs will be reduced. If the customer does pursue a system upgrade as part of their DER interconnection, managing the real power limit could be used while upgrades are being constructed to allow the DER to operate in a more limited capacity, rather than having to wait for construction to be completed.

Q. HOW COULD MANAGEMENT OF THE REAL POWER LIMIT FUNCTION BE USED TO IMPROVE OUTCOMES DURING PLANNED AND UNPLANNED SWITCHING EVENTS?

A. As I explained earlier when discussing Use Case #3 (Voltage Violation During Planned Switching) and Use Case #4 (System Restoration), planned and unplanned switching are often performed on the distribution system in order to restore service following an outage or to enable maintenance and repairs. Because of how many potential configurations could exist and the different load and system conditions at those times, interconnecting DERs are typically only studied in their normal configuration. This means that, during switching scenarios, DERs can create thermal, voltage, or other issues that were not identified during the interconnection study. In such cases, these DERs may be required to disconnect from the distribution system until the normal configuration can be restored, preventing the facility from generating for the duration of the event.

Through the management of the real power maximum function, rather than disconnecting the affected DERs, PPL Electric could instead limit the DER to a maximum production amount that does not result in system constraints. This increases the amount of energy that could be generated by the DER. Keeping the DER online during such scenarios

can also benefit the distribution system and other customers. The potential for equipment overloads and low voltage during switching can limit switching capabilities or require system upgrades to accommodate. By keeping the DER online, the voltage improvements from the real power generation and reactive power support may enable switching that would not be possible or would require system upgrades. This can increase the number of customers for whom service can be restored during an outage or allow for system maintenance that would otherwise be more costly.

Q. HAS PPL ELECTRIC IDENTIFIED ANY CASES WHERE THESE OUTCOMES COULD BE ACHIEVED?

A. Yes. In one case study (HIGHLY CONFIDENTIAL PPL Electric Exhibit CD-12: Real Power Management During Transfer Case Study), PPL Electric studied a contingency switching scenario and incorporated the potential impact of a 10 MW applicant solar facility. Without the 10 MW DER, the reconfiguration would result in an undervoltage to 918 customers, necessitating a 3-phase voltage regulator installation to enable the switching to occur. With the 10 MW system included in the model with no real power management, the 10 MW system must remain de-energized for the duration of the switching (in this case, one week) and the voltage regulator would still be necessary. Enabling real power management, in contrast, results in significant improvements for both the DER and for PPL customers. Under this management scenario, the 10 MW DER was permitted to remain connected and produce at up to 45% of its nameplate (4.5 MW), resulting in an estimated 30,150 additional kWh of energy generated. With the DER remaining connected and producing at this level, the undervoltage identified in the base

case was also resolved as a result of the DER. This illustrates how the management of the real power maximum function can result in benefits for customers with and without DER.

Q. IS THIS ONLY APPLICABLE TO LARGE DER INTERCONNECTIONS?

A. No. While it is easier to illustrate the concept with large DERs, the same concepts apply to collections of smaller DERs. In fact, because it is logistically much more difficult to disconnect many small DERs as opposed to one large DER, PPL Electric has fewer good options in addressing any issues that arise from switching groups of small DERs to other circuits. Real power management provides a viable pathway to mitigate any such issues that is practical to implement and fully leverages DER capabilities.

Q. WHAT DO YOU CONCLUDE ABOUT PPL ELECTRIC'S PROPOSED CAPABILITIES FOR MANAGING THE MAXIMUM REAL POWER LIMIT FUNCTION OF DER?

A. I conclude that the management of the maximum real power limit function could reduce DER interconnection costs, reduce DER interconnection timelines, and improve outcomes for both DER and other customers during planned and unplanned switching scenarios.

VIII. CONCLUSION

Q. WHAT DO YOU CONCLUDE ABOUT THE COMPANY'S MONITORING AND MANAGEMENT OF DERS?

A. I conclude that:

- The ability to monitor DER real power through the Pilot Program has resulted in significant benefits to PPL Electric customers and significant improvements in planning and operational outcomes and subsequently avoided or deferred capital investments.
- PPL Electric's ability to monitor DER reactive power and voltage improves the information and capabilities of system operators and enables important information gathering to support efficient voltage management and inform customers about the operation of their DERs.
- PPL Electric's ability to modify Volt/VAR and ride-through settings has resulted in beneficial outcomes for customers and would continue to do so in the future.
- PPL Electric's ability to manage DER power factors has resulted in significant reductions in the frequency, duration, and severity of customer voltage violations. It has also shown positive impacts on PPL Electric's ability to perform planned switching and has increased the hosting capacity of the distribution system.
- Management of the reactive power setpoint could improve voltage management outcomes when compared to power factor control.
- The management of the maximum real power limit function could reduce DER interconnection costs, reduce DER interconnection timelines, and improve outcomes for both DER and other customers during planned and unplanned switching scenarios.

Q. DOES THIS CONCLUDE YOUR DIRECT TESTIMONY AT THIS TIME?

A. Yes, although I reserve the right to supplement my direct testimony.

PPL Electric Exhibit CD-1

Curriculum Vitae

CODY DAVIS

Senior Engineering Manager

Cody Davis is a power systems engineer with 9 years of experience with a focus on distribution system planning and the interconnection and integration of Distributed Energy Resources (DER) on the distribution system. His expertise includes traditional capacity and voltage planning, static and time-series circuit analysis, Non-Wires Alternatives techno-economic analysis, DER interconnection study processes and criteria, Smart Inverter utilization and system impact studies, and Hosting Capacity. Cody also has experience working directly with utilities as a project manager with a focus on change management, process optimization, and regulatory compliance. He also has experience working with a wide variety of utility and public stakeholders on a range of emerging, complex, and high-profile regulatory issues and has authored reports and testimony publicly filed in Illinois, Maine, and Minnesota the Modernization of Distribution Planning and Operations. He has also filed testimony with the Illinois Commerce Commission discussing the value of distributed generation to the distribution system.

EDUCATION AND TRAINING

- B.S. in Electrical Engineering, Southern Illinois University – Edwardsville, Edwardsville, IL – 2014

PROFESSIONAL EXPERIENCE

2022 – Present	Electric Power Engineers, LLC, Champaign, IL Senior Engineering Manager
2020 – 2022	Electric Power Engineers, LLC, Austin, TX Engineering Manager
2019 – 2020	Ameren Illinois, Peoria, IL Career Engineer, DER Integration and Strategies
2015 – 2018	Ameren Illinois, Peoria, IL Region Engineer, North Region

TECHNICAL PROFICIENCY

Senior Engineering Manager, EPE, Champaign, IL, USA, Aug. 2022 – Present
Engineering Manager, EPE, Austin, TX, USA, Oct. 2020 – Aug. 2022

- Perform and oversee static and time-series distribution system modeling studies related to system planning, protection, optimization, and DER integration.
- Perform and oversee DER Interconnection studies on clients' distribution systems, including the modeling and recommendation of Smart Inverter Settings and DERMS control capabilities.
- Provide support or expert testimony in regulatory proceedings related to distribution planning, Non-Wires Alternatives, DER value, DER interconnection and Smart Inverter utilization.
- Manage projects and process improvements and provide technical and regulatory guidance related distribution system operations with active DER management capabilities.
- Perform and oversee Non-Wires Alternative siting, sizing, dispatch, and financial analysis.
- Work with clients to improve DER interconnection and planning study process flows, technical requirements, and reference materials.
- Develop Hosting Capacity methods and strategies based on clients' available data and tools.

Career Engineer, DER Integration and Strategies, Ameren Illinois, Belleville, IL, USA, Jan. 2019 – Oct. 2020

- Collaborated with Electric Power Research Institute (EPRI) to develop a technical report on the Effects of Smart Inverters on Voltage Optimization for the Illinois Commerce Commission under Docket 18-0753 by utilizing 8760 time-series analysis, Smart Inverter functions, and DER penetration modeling tools in a variety of system configuration and DER penetration scenarios.
- Developed a Value of Distributed Generation framework to generate node-specific rebate values from time series load data for 2500+ distribution feeders and prepared testimony and exhibits filed with the Illinois Commerce Commission under Docket 20-0389.
- Developed DERMS use cases, system models, investment justification, and technical criteria for RFP evaluation.
- Developed technical standards, reference materials, and training presentations for DER interconnection studies, distribution system modeling with DER, DER system planning impacts, smart inverter settings, and DER witness testing.
- Developed and implemented a Hosting Capacity procedure to generate nodal values for Hosting Capacity for 2500+ distribution feeders.
- Identified and performed technical and financial analysis on prospective Non-Wires Alternatives (NWA) projects and benchmarked NWA solutions' capital cost, revenue requirement impact, and overall efficacy against traditional solutions.

Region Engineer, North Region, Ameren Illinois, Belleville, IL, USA, Jan. 2015 – Dec. 2018

- Developed five-year Work Plans for planning areas ranging from 15-50 distribution substations, including business case development for proposed capacity and reliability projects.
- Performed 60+ solar interconnection studies for large solar plants on 4kV-15k systems.
- Designed and managed construction of overhead and underground distribution and sub-transmission facilities for projects identified within five-year Work Plans.
- Performed various distribution system modeling studies, including load flows, power factor correction, distribution protection coordination, motor start, and phase balancing studies.
- Responded to residential, commercial, and industrial customer reliability, voltage, and power quality issues.

PPL Electric Exhibit CD-2

Post & Schell P.C.
ATTORNEYS AT LAW

17 North Second Street
12th Floor
Harrisburg, PA 17101-1601
215-587-1000 Main
717-731-1985 Main Fax
www.postschell.com

Devin Ryan

dryan@postschell.com
717-612-6052 Direct
717-731-1985 Direct Fax
File #: 175564

February 28, 2023

VIA ELECTRONIC FILING

Rosemary Chiavetta, Secretary
Pennsylvania Public Utility Commission
Commonwealth Keystone Building
400 North Street, 2nd Floor North
P.O. Box 3265
Harrisburg, PA 17105-3265

Re: Petition of PPL Electric Utilities Corporation for Approval of Tariff Modifications and Waivers of Regulations Necessary to Implement its Distributed Energy Resources Management Plan
Docket No. P-2019-3010128

Dear Secretary Chiavetta:

PPL Electric Utilities Corporation ("PPL Electric" or the "Company") hereby files the enclosed Second Revised Distributed Energy Resources ("DER") Management Pilot Implementation Plan with the Pennsylvania Public Utility Commission ("Commission").

As noted in the Company's First Revised Pilot Implementation Plan, PPL Electric has been developing a DER Management device that is compatible with Institute of Electrical and Electronics Engineers ("IEEE") 2030.5 smart inverters.

PPL Electric has since developed such a solution and is prepared to begin utilizing it for any new DERs proposing to use IEEE 2030.5 smart inverters, subject to the terms and conditions of the Commission-approved settlement in the above-referenced proceeding. In contrast to the existing devices, the IEEE 2030.5 solution uses cellular networks instead of the Radio Frequency ("RF") Mesh network. The Commission-approved settlement does not specify the type of DER Management device or the communications method that must be used. Therefore, the Company maintains that the settlement does not need to be modified to account for the IEEE 2030.5 solution. However, the Revised Pilot Implementation Plan contains some language that needs to be updated to reflect the use of the new IEEE 2030.5 solution.

As such, PPL Electric hereby submits a Second Revised Pilot Implementation Plan that has been updated to reflect the use of the IEEE 2030.5 solution.

In advance of filing, PPL Electric consulted with the other parties in this proceeding about the IEEE 2030.5 solution. PPL Electric incorporated their feedback in the final version of the Second Revised Pilot Implementation Plan, and the Company is unaware of any outstanding concerns.

Clean and compare versions of the Second Revised DER Management Pilot Implementation Plan are enclosed. The compare version shows, in redline, the changes made to the Revised DER Management Pilot Implementation Plan filed on March 1, 2021.

Copies of this filing are being provided as indicated on the Certificated of Service.

Respectfully submitted,

Devin Ryan

DR/dc
Enclosures

cc: Certificate of Service

CERTIFICATE OF SERVICE

(Docket No. P-2019-3010128)

I hereby certify that a true and correct copy of the foregoing has been served upon the following persons, in the manner indicated, in accordance with the requirements of 52 Pa. Code § 1.54 (relating to service by a participant).

VIA E-MAIL AND FIRST-CLASS MAIL

Darryl A. Lawrence, Esquire
David T. Evrard, Esquire
Office of Consumer Advocate
555 Walnut Street
Forum Place, 5th Floor
Harrisburg, PA 17101-1923

Mark C. Szybist, Esquire
1152 15th Street, NW, Suite 300
Washington, DC 20005
Natural Resources Defense Council

Andrew J. Karas, Esquire
Emily A. Collins, Esquire
Fair Shake Environmental Legal Services
647 E. Market Street
Akron, OH 44302
Natural Resources Defense Council

James M. Van Nostrand, Esquire
Keyes & Fox LLP
275 Orchard Drive
Pittsburgh, PA 15228
Sunrun Inc.

Beren Argetsinger, Esquire
Keyes & Fox LLP
PO Box 166
Burdett, NY 14818
Sunrun Inc.

Kenneth L. Mickens, Esquire
316 Yorkshire Drive
Harrisburg, PA 17111
Sustainable Energy Fund

Date: February 28, 2023

Devin Ryan

DER Management Pilot Implementation Plan

Dated: February 28, 2023 (Second Revised)

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I. INTRODUCTION

This Implementation Plan describes PPL Electric Utilities Corporation's ("PPL Electric" or the "Company") Distributed Energy Resource ("DER") Management Pilot ("Pilot") that commenced on January 1, 2021. This Implementation Plan has been prepared and submitted pursuant to the Joint Petition for Settlement of All Issues ("Settlement") approved by the Pennsylvania Public Utility Commission ("Commission") at Docket No. P-2019-3010128. As required, this Implementation Plan explains how the Company will implement and conduct the Pilot, including the goals of the Pilot, the use cases the Company plans to test and evaluate, the specific methods and approaches for testing each use case, the methods by which PPL Electric will communicate the Pilot's requirements to customers and DER installers, and any additional information PPL Electric believes is necessary to be included in the annual reports submitted pursuant to the Settlement.

By way of background, many utilities have experienced operations and planning challenges as DER penetration becomes increasingly significant. These challenges include, but are not limited to, voltage swings, masked or hidden load, limited hosting capacity, planning uncertainties, and protection/operational challenges with two-way power flow. As a response to these challenges, the Institute of Electrical and Electronics Engineers ("IEEE") made revisions to Standard 1547 in 2018 ("IEEE 1547-2018"), which set forth requirements for smart inverters that can help support the distribution system. When these smart inverters are coupled with DER management devices, electric utilities can monitor and manage DERs interconnected with their distribution systems.

On May 24, 2019, PPL Electric filed a Petition with the Commission for permission to require smart inverters that meet the new IEEE and Underwriters Laboratories ("UL") standards, to install DER management devices on new DERs interconnected with its distribution system, and

to monitor and manage those new DERs. Ultimately, the parties agreed to the Settlement, which, as approved by the Commission, permits the Company to conduct a Pilot to test and evaluate the costs and benefits of monitoring and managing DERs.

II. DER MANAGEMENT PILOT

A. OBJECTIVES

Under the Settlement, the Pilot is designed to test and evaluate: (1) the costs and benefits to distribution system operation and design of monitoring DERs through devices connected to inverters as compared to maintaining distribution system status visibility through other means; and (2) the costs and benefits to distribution system operation of active management of DERs as compared to the benefits available through the use of inverter autonomous grid support functions. Figure 1 is a graphic overview of the Pilot, beginning with a PPL Electric customer filing an application to interconnect a DER to the Company's distribution system. Approved DER interconnection applications will receive a DER management device and be assigned to a customer group pursuant to the Settlement.

Figure 1- Pilot Overview

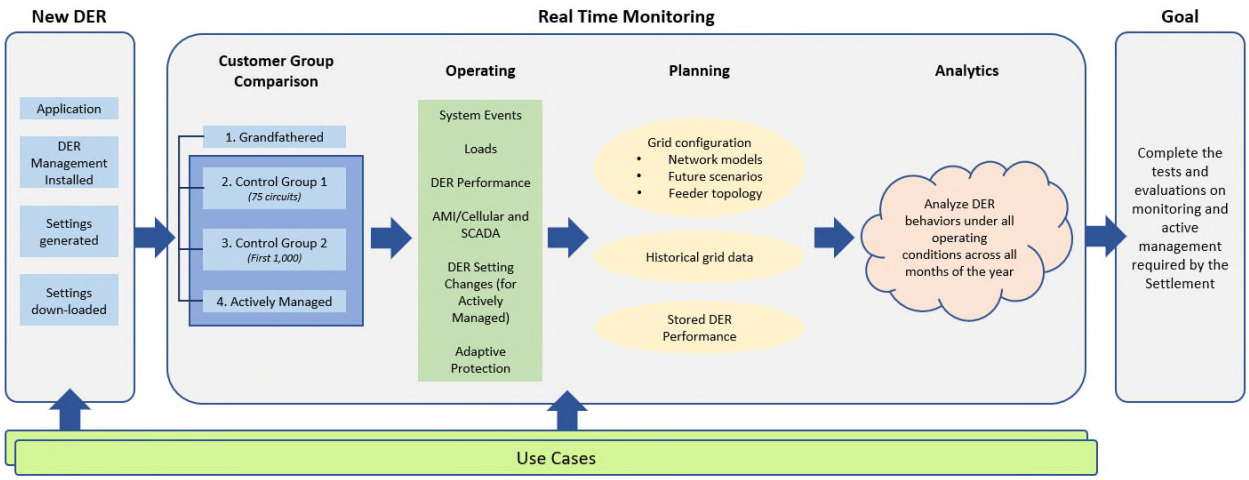

B. TIMELINE AND MILESTONES

The three-year Pilot timeline will commence after Control Groups 1 and 2, described below in Section C, have been fully established. The time leading up to the Pilot commencement will be referred to as Program Year 0. After the end of Program Year 0, the subsequent three years of the Pilot will be referenced as Program Year 1, Program Year 2, and Program Year 3, respectively. Pilot milestones are described below in Figure 2. A more detailed list is provided in Attachment B.

Figure 2- Pilot Implementation Milestones

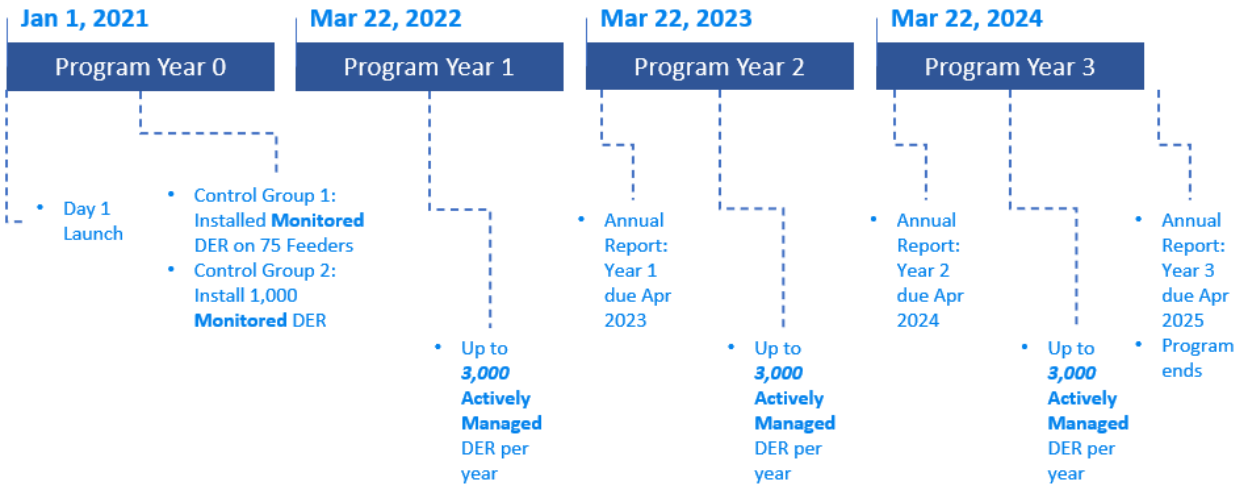

C. DER CUSTOMER GROUPS

As of December 31, 2020, PPL Electric has 11,614 DERs interconnected with its electric distribution system. Some of these DERs are participating in the Company's Keystone Solar Future Project, which are interconnected with 12 specific distribution circuits on PPL Electric's system.

For purposes of this Pilot, PPL Electric has identified four different DER customer groups. The groups are defined below, including their relationship to this Pilot. These definitions are critical to understanding the comparisons that will be made across the different customer groups,

to establishing reporting requirements, and to calculating the costs and benefits attributed to monitoring and management of the DERs. Control Groups 1 and 2 and the Actively Managed Group are created and defined as part of the Pilot. Conversely, information from the Grandfathered Group will be used in the final analysis of the Pilot Program as a basis for comparison. Pursuant to the Commission-approved Settlement, some DER customers will not be able to participate in the Pilot because they are grandfathered or because PPL Electric exhausted the cap of 3,000 DER management devices installed in the calendar year that they interconnected the DERs.

1) **Grandfathered Group**. DER customers who applied for interconnection on or before December 31, 2020, are "grandfathered" and, therefore, are not required to comply with the new interconnection requirements in the operations and maintenance of their DER installation. PPL Electric collects information continuously on the distribution system, including the circuits that host these DER customers, but there is no direct monitoring or active management of DER installations in this group.

2) **Control Group 1.** This group will contain all DER customers, who apply on or after January 1, 2021 and are located on 75 specific circuits. These circuits will be selected based on the circuits which serve the first 75 DER customers who apply to interconnect and are served by unique circuits. Once those circuits are identified, all new DER customers who are served by one of these 75 circuits will be interconnected in monitoring mode and will operate with autonomous grid support functions only. The DERs on these 75 circuits will remain in "monitor-only" mode for the duration of the Pilot. DER customers in Control Group 1 will receive DER management devices. Pursuant to the Settlement, Control Group 1 will not include any of the excluded circuits set forth in Attachment A. This Control Group was fully established on February 10, 2021.

3) **Control Group 2.** This group will contain the first DER customers to complete their installation, up to 1,000 participants, who also applied to interconnect on or after January 1, 2021, regardless of where they are located on the system. These customers will be interconnected in monitoring mode and will operate with autonomous grid support functions only. DER customers in Control Group 2 will receive DER management devices. DER customers in Control Group 1 will count toward the 1,000 DERs in Control Group 2. This Control Group was fully established on March 22, 2022.

4) **Actively Managed Group.** All DER customers who submit applications and interconnect with the distribution system on or after January 1, 2021, excluding the customers outlined in Control Groups 1 and 2 as well as any customers interconnecting

after the cap of 3,000 DER management devices installed in the calendar year has been reached. The Company can actively manage the grid support functions of the DER inverters in this Actively Managed Group using the DER management devices and the Company's Distributed Energy Resources Management System ("DERMS"). The following grid support functions can be utilized in the smart inverters: (1) Volt/VAR; (2) Constant Power Factor; (3) Remote On/Off; (4) Voltage Ride-through; (5) Frequency Ride-through; and (6) Volt/Watt. Volt/Watt may only be enabled and managed with the consent of the interconnecting customer. PPL Electric will only use the Remote On/Off function on battery storage or solar systems that have not safely isolated or "islanded" from the distribution system: (1) in emergency situations, such as a gas leak or fire in the vicinity of the DER; or (2) during restoration efforts following a power outage.

Control Group 1, Control Group 2, and the Actively Managed Group are included in the Pilot scope and reporting. The analysis will compare these groups to each other and to the Grandfathered Group to understand the costs and benefits of monitoring and actively managing DERs.

D. COMPONENTS AND ARCHITECTURE

Several components will be used as part of the Pilot to process the DER interconnections and monitor and manage the DERs under the Pilot. The Company's DER Management Architecture is set forth in Figures 3a and 3b below and outlines how the Company will interconnect the DER to the system, communicate to DER management devices, receive and integrate operational feedback from DERs for system analysis, calculate dynamic operation settings for DERs, and manage settings changes as needed.

Figure 3a - DER Management AMI Architecture

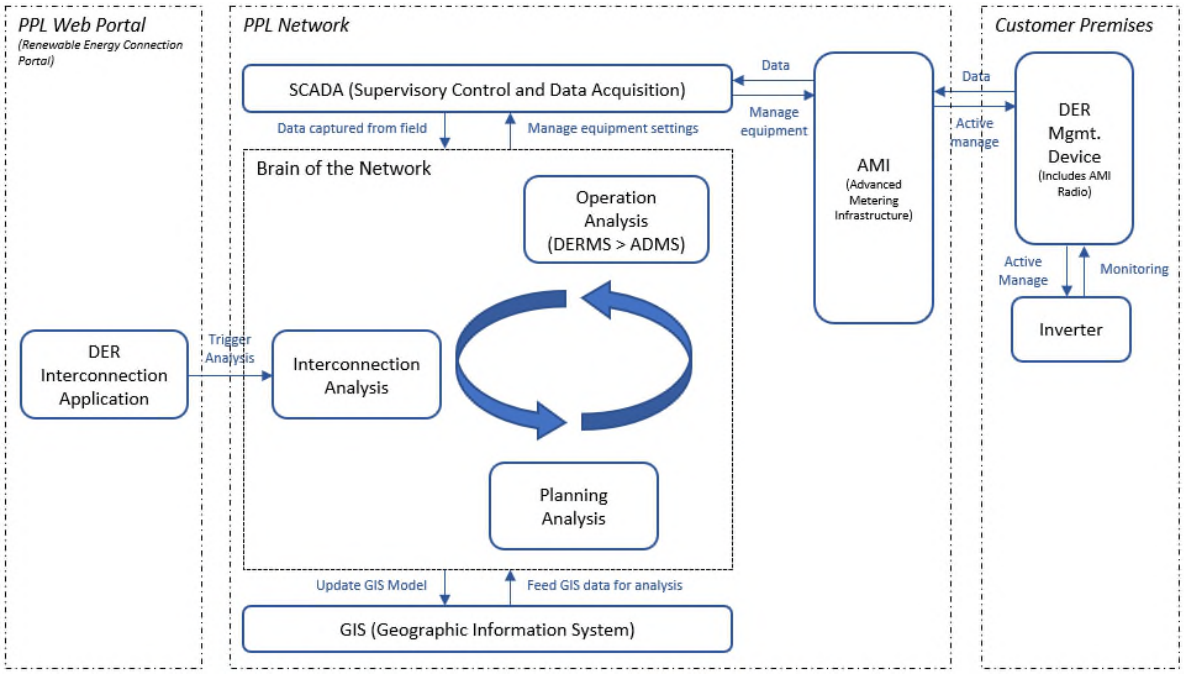

Figure 3b – DER Management Cellular Architecture

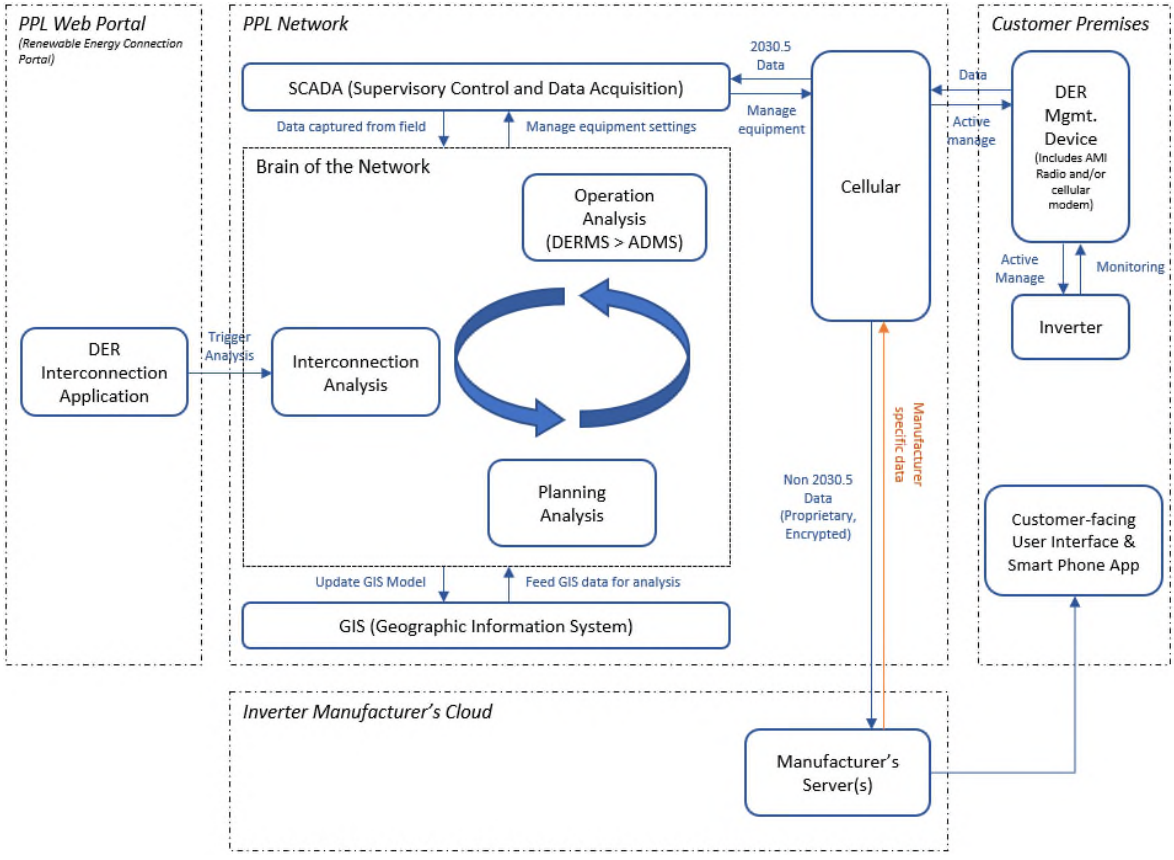

The components in the architecture are:

- DER Interconnection Application: Interconnection applications are submitted through a customer facing portal on PPL Electric's website. The portal allows for work orders to be generated and for customer and inverter data to pass automatically to the Company's Geographic Information System ("GIS").
- Interconnection Analysis: The technical analysis process by which PPL Electric reviews the proposed interconnection against its requirements, determines if upgrades are required to the PPL Electric system, and, when satisfied, provides approval for installation.
- Planning Analysis: The routine technical analysis PPL Electric uses to determine whether additional system upgrades are required to address capacity, voltage, or reliability needs on the distribution system. The planning process uses data from the Supervisory Control and Data Acquisition ("SCADA") system and GIS, among other systems.
- Distributed Energy Resource Management System ("DERMS"): A centralized system responsible for DER management; DERMS is being migrated to an Advanced Distribution Management System ("ADMS") in the first quarter of 2021. First DERMS, then ADMS, will be used for DER monitoring and management during the Pilot.
- Geographic Information System: A database providing the equipment, asset data, and locations of the equipment on the distribution system.
- Supervisory Control and Data Acquisition: In addition to the data that is already collected by PPL Electric's SCADA system, this system captures the data from the

inverters through the advanced metering infrastructure ("AMI") mesh network or a cellular connection and provides it to DERMS. Additionally, SCADA data is stored and available historically.

- AMI Mesh Network: The communication pathway that was originally created for the Company's AMI meters that is now being used for DER communication as well. It facilitates data exchange with SCADA via the AMI Headend and with the individual DERs via the AMI radios located within the DER management devices.
- Cellular Network: The communication pathway that facilitates data exchange with SCADA via PPL Electric's cellular headend servers and with the individual DERs via the cellular modem located within the DER management devices.

DER Management Device: Featuring an AMI radio or cellular modem, this device connects to the DER's local communication interface, enabling monitoring and management of the DER through the existing AMI Mesh Network or cellular connection. This device allows PPL Electric to remotely monitor the attributes and performance of the DER and manage its grid support settings as needed.

E. DER INVERTERS

1. Inverter Requirements

From January 1, 2021, through December 31, 2021, new DERs interconnecting with the Company's distribution system were required to feature smart inverters that met: (1) UL Standard 1741 Supplement A ("UL 1741 SA"); and (2) the Company's testing for the communications requirements under IEEE 1547-2018. These requirements were known as the "Interim Requirements." Beginning January 1, 2022, PPL Electric transitioned to requiring new inverters that connect to the distribution system to comply with IEEE 1547-2018 and to be certified to UL 1741 Supplement B ("UL 1741-SB"). During the transition period of January 1, 2022, through

December 31, 2022, each new inverter connecting to PPL Electric's distribution system must either: (1) meet UL 1741-SA (as amended or supplemented) and the communication requirements under IEEE 1547-2018 (as tested by or on behalf of the Company); or (2) comply with IEEE 1547-2018 and be certified to UL 1741-SB. Beginning January 1, 2023, new inverters connecting to the distribution system must comply with IEEE 1547-2018 and must be certified to UL 1741-SB. The Company shall perform its testing expeditiously so DER interconnections are not delayed. Inverter manufacturers will be required to follow PPL Electric's certification process to be eligible for Pilot participation.

If a customer installs a new inverter on an existing DER installation or upgrades an existing DER installation after January 1, 2021, the customer may install a replacement inverter of similar make and model as the existing inverter; provided, however, that any such inverter must meet the Commission's applicable standards and requirements set forth in its regulations. These inverter requirements also do not apply to DER installations whose interconnection applications are submitted to PPL Electric before January 1, 2021.

2. Approved List of Smart Inverters

The list of smart inverters that meet the Company's applicable requirements are publicly available and will be regularly updated on the Company's website. An initial list was published on December 1, 2020. On January 1, 2021, the Company's Renewable Energy Connection web portal was updated to reflect the list of smart inverters that have been certified to meet the Company's applicable requirements. If a customer or installer would like to use an inverter not on the approved inverter list, they must follow PPL Electric's certification process.

3. Inverter Testing and Certification Process

PPL Electric follows a streamlined process for testing new inverters requesting approval. The steps are laid out as follows:

First, the inverter manufacturer needs to provide proof that the inverter is UL 1741-SB certified and has a dedicated local communication interface available for testing, which are both pre-requisites for being able to be certified under the Interim Requirements. (Note that UL 1741-SA certification was accepted until January 1, 2023; UL 1741-SB certification has been required since that date.) The inverter manufacturer also must provide technical information on its inverter model, including, but not limited to, the inverter's communication protocol, data models, and configuration profiles. The Company also works with the inverter manufacturer to obtain a test model for PPL Electric's testing lab.

Second, after the Company receives all of the requested information and has set up a test model in the lab, the inverter testing proceeds in the following sequence:

1. DER Communication Protocol Testing

   PPL Electric validates that one of the three approved protocols (IEEE 2030.5, IEEE 1815(DNP3) or SunSpec Modbus) is supported as a local communication interface.

2. Profile Configuration including Data Point Mapping

   PPL Electric develops and loads the proper server profile configuration to allow data points to flow correctly between the server and client.

3. Read Points Testing

   PPL Electric tests and validates the capability to receive the following via the inverters' local communication interface.

   - Real Power
   - Apparent Power
   - Reactive Power
   - Power Factor
   - Current (Total, Phase A, Phase B, and Phase C)
   - Voltage (Phase A-to-neutral, B-to-neutral, C-to-neutral)

4. Write Points Testing

PPL Electric tests and validates the capability to monitor and manage grid support functions of the inverters via their local communication interface.

5. DER Management Device Testing

   PPL Electric tests and validates end-to-end testing between the DER and the Company's DERMS/ADMS via the DER Management device.[1]

Smart inverters that pass the Company's testing requirements are added to PPL Electric's Approved List of Smart Inverters.

4. Customer Enrollment

The DER interconnection application process will utilize the Company's Renewable Energy Connection web portal for the approval and the creation of interconnection work orders. The portal also is used to obtain the Certificate of Completion ("COC") for the DER interconnection.

During the Pilot, the Company will purchase and install DER management devices on all new DERs with inverters installed for DER customers in Control Groups 1 and 2 and DER customers in the Actively Managed Group, up to an annual limit of 3,000 DER management devices. DERs installed above the annual limit shall not be part of the Pilot. All DER management devices shall be owned, operated, and maintained by the Company at no direct cost to interconnecting customers. The smart inverters that are installed as part of the Pilot must have one of their communications ports dedicated to use by PPL Electric. In the event that the customer's

[1] The Company's AMI Mesh Network DER Management device is not compatible with IEEE 2030.5 inverters. PPL Electric actively worked on a solution that would resolve the incompatibility issue. Ultimately, PPL Electric developed a Cellular Network DER Management device that is compatible with IEEE 2030.5. Therefore, when that IEEE 2030.5-compatible device becomes available, applications for new DERs utilizing IEEE 2030.5 inverters that pass the Company's other testing requirements to interconnect will be subject to the pilot program. Applications for new DERs using IEEE 2030.5-compatible inverters that are submitted before that IEEE 2030.5-compatible device becomes available shall remain not a part of the pilot program.

DER requires two communications ports to operate (such as in a solar plus battery storage set-up), PPL Electric will provide a three-communications port solution at no direct cost to that customer.

When a complete DER interconnection application is received, a unique and internal DER management identification category is assigned to the application based on: (1) the order it was received relative to other applications; and (2) the customer group to which that specific application was assigned, as shown in Table 1 below.

Table 1: DER Management Designation

DER Management Designation	Description
Designation Category 0	This DER management designation will include interconnections that belong to the Grandfathered Group that are not required to comply with the new interconnection requirements in the operations and maintenance of their installation.
Designation Category 1	This DER management designation will be assigned to those DER customers in Control Group 1, those on the first 75 circuits for which DERs are installed.
Designation Category 2	This DER management designation will include the first 1,000 DERs which apply and complete their interconnection on or after January 1, 2021 and may include DER customers who are also assigned to Control Group 1 (Designation Category 1).*
Designation Category 3	A DER system that is enrolled in the Actively Managed Group will be assigned this DER management designation.

* Customers included in the first 1,000 DERs interconnected and are on one of the first 75 circuits will have a designation noting inclusion in both control groups.

5. DER Settings

Volt/VAR will be used as the default voltage management mode for all inverters. The Company will establish and maintain default Volt/VAR settings based on the location and impact of each DER, as well as voltage ride-through and frequency ride-through functions which meet or exceed PJM Interconnection LLC's ("PJM") guidelines. Alternative voltage management modes and settings may be used to reduce or eliminate distribution system upgrade costs to interconnecting customers with their agreement.

Prior to the customer completing the DER installation and submitting the COC, a Volt/VAR curve will be calculated and stored in a database to be sent to the inverter following its installation. Each Volt/VAR curve will be calculated using the DER's location on the distribution system, kW nameplate, calculated voltage rise, and other pertinent data.

DERs in Control Group 1 and Control Group 2 will be monitored using DERMS/ADMS and the AMI Mesh Network to understand the actual state of the distribution system and the DERs' performance. The Company shall not make operational decisions regarding the distribution system based on that information. Control Group inverters will exclusively use autonomous grid support functions, which will dictate the inverter's operational behaviors, using the local conditions as input. Each Control Group inverter will be tagged in DERMS/ADMS to prevent any active management by either DERMS/ADMS or PPL Electric's operations personnel.

In the Actively Managed Group, the developed Volt/VAR curve will be used until field conditions deem a power factor override or a change of power factor is necessary to maintain acceptable system conditions. In operating scenarios where the distribution system is configured abnormally due to maintenance or an outage, DERMS/ADMS may manage these inverter settings by "overriding" the autonomous Volt/VAR curve and using a specific Constant Power Factor until system conditions return to acceptable levels. PPL Electric will only use the Remote On/Off function on battery storage or solar systems that have not safely isolated or "islanded" from the distribution system. The Company will only use Volt/Watt when mutually agreed upon by the DER customer and the Company. Aside from Volt/VAR curves, default Voltage Ride-through and Frequency Ride-through will also be provided and programmed by the Company at interconnection. PPL Electric will track and report yearly on each instance when active management is used.

F. PILOT PROGRAM ANALYSIS

During the Pilot, PPL Electric will gather and store data from participating DERs in three of the customer groups: Control Group 1, Control Group 2, and the Actively Managed Group. The data will be used in comparison among the four customer groups (*i.e.*, Control Group 1, Control Group 2, Actively Managed Group, and Grandfathered Group) to determine the impact and benefits of DER monitoring and active management. The analysis will occur in both an operating (real-time) environment and in planning (long-term) scenarios.

Operational analysis will be done in near real-time so that operators and DERMS/ADMS can identify the impact of each DER on voltage and load on the circuit. The Company shall not make operational decisions regarding the distribution system based on the information gathered from Control Group 1 and Control Group 2. DERMS/ADMS will determine if adjustments need to be made to traditional voltage management devices, the settings on inverters in the Actively Managed Group, or both to mitigate violations and make work conditions safer. The operators can then change the inverter settings and determine if the potential violation is ameliorated. The information from all these events, for both monitored and actively managed customers, will be tracked and made available for further analysis.

Planning analysis will include post-event analysis of voltage and load information from the circuits with Grandfathered Group DERs (no monitoring) compared to circuits with monitored DERs and those with actively managed DERs. Comparisons will determine whether monitoring and/or actively managing the DERs results in fewer voltage violations, fewer capital expenditures, or other system challenges being avoided.

1. Anticipated Benefits

The anticipated benefits are expected to provide a value proposition for Reliability, Power Quality, and Safety as shown in Table 2, below.

Table 2- Value Proposition and Anticipated Benefits

Reliability	a. Enhance operational flexibility
	b. Improved excursion ride-through
	c. Improved hidden load visibility
Power Quality	d. System upgrades deferred / avoided
	e. Increased hosting capacity
	f. Improved long-term forecasting
	g. Improved voltage management
Safety	h. Safer work environment

2. Data Collection and Verification

DER information, such as grid number, premise number, user group, circuit ID, nameplate generation size (kW), and distance from substation, will be captured from the GIS and Customer Service System ("CSS") databases for all DER customer groups. Voltage data will be taken across PPL Electric's network at all the available measuring points, such as SCADA and AMI meters, to monitor the network voltage level. System load data will be captured at Company-owned devices at all the available measuring points in the network, such as circuit breakers, recloser devices, smart switching devices, and AMI meters. Voltage and load data will be captured at all DER inverters within Control Groups 1 and 2 and the Actively Managed Group.

Inverter baseline data to be collected and archived includes amps, voltage, watts, VARs, Power Factor, Power Factor setpoint value, Power Factor setpoint enabled, Volt/VAR enabled, and system status (On/Off). This data will be captured for all DER customer groups and used for comparative analysis. This comparative analysis includes, but is not limited to:

a. Peak load and associated voltage;

b. Minimum load and associated voltage;

c. Minimum daytime load and associated voltage;

d. Number of voltage violations;

e. Standard deviation of voltage violations;

f. Peak load at customer meter for all DER customers on the circuit;

g. Minimum load at customer meter for all DER customers on the circuit;

h. Standard deviation of loads for all DER customers on the circuit;

i. Number of hours without DER production; and

j. 8760 load levels and voltage levels on circuits.

With DER monitoring and management, PPL Electric will have a significant increase in data to help manage and plan the distribution system, with sources from the grid (before the meter) as well as AMI meter data and DER inverter data (behind the meter). Collecting data both before and behind the meter will bring critical information to understand the full impact of two-way power flow on the safe and reliable operation of the distribution system.

Using this, PPL Electric will be able to conduct comparisons among the four DER customer groups, show use cases, track multiple metrics, and analyze the differences in performance and grid-supporting behaviors of DERs with active management, monitoring, and without visibility on the Distribution system.

3. Use Cases

These use cases cover relevant scenarios under which DERs would interact with the electric distribution system. By leveraging the DER management devices' ability to monitor and/or manage the DERs, several beneficial objectives can be achieved in each use case. Throughout the Pilot's implementation, as PPL Electric gains more experience, the Company may revise and refine the details of these use cases, adjust the methodology and approaches, use more advanced tools, and adopt industry best practices. The use cases include:

1. Voltage violation at DER Point of Interconnection ("POC")
2. Voltage violation mitigated by DERs on the circuit
3. Voltage violation during planned switching
4. System restoration
5. Hidden load impact on load forecasting
6. DER management impact on voltage management
7. DER active management impact on hosting capacity increase and deferral of capital upgrade
8. DER operation in emergency conditions and in active work zones

Use cases are further described in Attachment C. The Company will provide its findings and information on these use cases in its annual reports filed with the Commission.

G. PILOT PROGRAM REPORTING

1. Annual Reports Submitted to the Commission

The annual reports will be filed with the Commission at Docket No. P-2019-3010128, providing detailed quantitative information relevant to the evaluation of the results of the Pilot. Annual reports to the Commission will be published at the end of each program year, starting with the end of Program Year 1. The reports will also be made publicly available. Care will be taken to protect customer privacy, so reporting shall not contain any sensitive customer information. The annual reports shall be filed within 30 days following the end of each program year (first report is estimated to be filed in the second quarter of 2022). Reports shall include data in electronic formats that support analysis (i.e., Excel or other machine-readable data where appropriate). Annual reports shall include the information listed below.

(1) The number of DERs installed and the number of each type of DER management device installed

(2) A list of the participating DERs that includes for each DER: (a) a unique customer identifier; (b) the nameplate capacity; (c) the initial settings established for that DER's smart inverter; and (d) the type of DER (e.g., solar, solar plus storage)

(3) Capital costs and expenses associated with the purchase, installation, ownership, and maintenance of the DER management devices

The capital costs will be identified separately for each type of DER management device installed. PPL Electric will begin tracking expenses for each type of DER management device installed effective with the deployment of the IEEE 2030.5 solution in the field. The expenses tracked by the Company for each type of DER management device installed will be reported beginning with the annual report for Program Year 2.

(4) Number of times, locations, and duration for active management

The number of times and the locations at which the Company actively managed each grid support function and the average duration that the function was actively managed.

This would be a summary showing aggregated counts among all customers of:

- Volt/VAR Curve Overrides
- Power Factor Setting Changes
- Ride-through Setting Changes
- Remote On/Off
- Volt/Watt Curve Overrides (where applicable)

(5) Grid benefits achieved for each instance of active management

The grid benefits achieved in each instance of active management, include, but are not limited to, real-time grid constraint mitigation. The Company shall develop the definition and parameters of the grid benefits.

(6) Net generation loss or gain due to active management

The net generation loss or gain due to the Company's active management of grid support functions (defined above) in each instance.

(7) Distribution system upgrades avoided due to increased hosting capacity attributed to monitoring

This report will be a comparison of the computed circuit hosting capacity when all DERs are evaluated at nameplate kW only, versus the hosting capacity of each circuit with actual kW output, gained via monitoring (while keeping Grandfathered DERs at nameplate kW).

(8) Distribution system upgrades avoided due to increased hosting capacity attributed to autonomous grid support functions

This report will be a comparison of the computed circuit hosting capacity of each circuit with actual kW gained via monitoring only versus the scenario where those DERs are equipped with autonomous grid support functions (while keeping Grandfathered DERs at nameplate kW).

(9) Distribution system upgrades avoided due to increased hosting capacity attributed to active management

This report will be a comparison of the computed circuit hosting capacity when all DERs are evaluated at nameplate kW only, the scenario without any monitoring or active management, versus the hosting capacity of each circuit with actual kW output gained via active management (while keeping Grandfathered DER at nameplate kW).

(10) System operation comparisons of circuits under autonomous inverter grid support functions versus active management

The comparison will involve DERs on the 75 circuits in Control Group 1, circuits with DERs in Control Group 2, and the circuits with actively managed DERs. This report will be in the form of a voltage metric depicting the performance characteristics between the two groups. Depending on the mix of Grandfathered Group, Control Group, and Actively Managed Group DERs on the remaining circuits, those circuits may need to be segmented

to provide an accurate statistical comparison. This reporting will be tracked and maintained manually.

(11) Operational descriptions of how active management was executed and implemented

This report will use data captured in DERMS/ADMS, which identifies any operational issues faced, what kind of active management action was taken, and the resulting system impact(s) and benefit(s) of the action. Additional manually noted information will be provided in this report, as available (e.g., day-ahead and real-time remote setting alterations to DERs).

(12) Performance measures related to active management

This report will address all performance measures related to active management and, where applicable, monitoring, including, but not limited to, communication reliability (e.g., communication uptime) and data quality.

(13) Findings and information on the Company's use cases

This report will provide findings and information on the pilot program's use cases to date, in addition to the data being presented in the annual report.

2. Annual Reports to Individual DER Customers

Within 30 days following the cash-out of the customers' banked excess generation, which typically occurs at the end of each PJM Planning Year, each DER customer whose smart inverter's grid support functions are used by the Company during the annual reporting period will be sent an individualized annual report. The annual report will provide:

(1) The amount of the DER's net generation loss or gain due to the use of the autonomous grid support functions:

- Default Volt/VAR Settings
- Default Voltage Ride-through Settings

- Default Frequency Ride-through Settings

(2) The aggregate amount of all DERs' net generation loss or gain due to the Company's active management of the grid support functions outlined below:

- Volt/VAR Curve Overrides
- Power Factor Setting Changes
- Ride-through Setting Changes
- Remote On/Off
- Volt/Watt Curve Overrides (where applicable)

(3) The method and technique used to calculate the DER's net generation loss or gain

The Company will provide a description of the method and technique used to calculate the net generation loss or gain for customer reporting.

(4) The number of times each grid support function was used on an automated basis, and the average duration of that function's automated use

(5) The number of times that PPL Electric actively managed each grid support function, and the average duration that the function was actively managed

(6) Volt/VAR Curve Override Table

For the events where a Constant Power Factor is temporarily used to override an existing Volt/VAR curve, the customer's annual report will show the existing Volt/VAR curve, the Power Factor that was temporarily used, and the duration of the event. For the events where a new Volt/VAR curve is issued, the new curve will be included in the report.

3. Data on Program Performance

Within 30 days after the end of each program year, PPL Electric will provide the following data on an anonymous basis to the Sustainable Energy Fund ("SEF"):

(1) Raw DER Data – 15-minute interval data for participants (delivered kWh, received kWh, RMS voltage).

(2) DER Management Data – 15-minute inverter data for participants (kW and voltage).

PPL Electric will use generic but unique identifiers for each customer to anonymize the customers' names and account numbers when providing the data to SEF.

H. CUSTOMER AND INSTALLER INFORMATION

Customers and installers who are pursuing or are interested in learning more about installing DERs on the PPL Electric distribution system are able to find information and instructions about the updated interconnection process on PPL Electric's external Rules for Electric Meter and Service Installations ("REMSI") website and also on the PPL Electric's Renewable Energy Connection Portal. The frequently asked questions ("FAQs") section on the REMSI website has been updated to include impacts and details for the Pilot and appropriate PPL Electric contact information.

On an annual basis during the Pilot, customers whose inverters' settings are actively managed during the Pilot will receive the individualized annual reports outlined in Section II.G.2, *supra*. Customers, or the installers who are installing the DERs, will be notified by the Company, via a phone call, regarding coordination of a PPL Electric representative installing the DER management device.

Also, on May 13, 2021, PPL Electric launched a new webpage specifically for DER Management. This new webpage acts as the main "hub" with easily located information or hyperlinks to pertinent information on DER Management, including, but not limited to, material pertaining to DER management as a whole, Volt/VAR and Ride-through setting guidelines, approved installation sketches, frequently asked questions, the Pilot Implementation Plan, and the approved inverter list.

Attachment A

Excluded Distribution Circuits

To preserve the integrity of the 75 distribution circuit control group, the Pilot will not include any of the following 12 distribution circuits, due to the presence of remotely managed DERs (e.g., participants in PPL Electric's Keystone Solar Future Project) and/or similar Company-owned facilities (e.g., batteries) on these distribution circuits during the term of the Pilot:

(1) Leola No. 3 Distribution Circuit
(2) Leola No. 5 Distribution Circuit
(3) Prince No. 2 Distribution Circuit
(4) South Akron No. 4 Distribution Circuit
(5) Cocalico No. 1 Distribution Circuit
(6) Letort No. 1 Distribution Circuit
(7) Letort No. 2 Distribution Circuit
(8) Buck No. 3 Distribution Circuit
(9) East Petersburg No. 1 Distribution Circuit
(10) Newport No. 1 Distribution Circuit
(11) Crackersport No. 2 Distribution Circuit
(12) Renovo No. 2 Distribution Circuit.

Attachment B

Pilot Milestones with Program Year 1 Commencing March 2022

Key timeline and milestones of the Pilot implementation are provided below based on the March 22, 2022 start date of Program Year 1.

1. December 1, 2020 – Inverter List Published on REMSI
2. December 17, 2020 – Commission Order Approving the Settlement
3. January 1, 2021 – Day 1 of Pilot
4. January 19, 2021 – File the Pilot Implementation Plan
5. January 28, 2021 –Technical Collaborative
6. February 8, 2021 – Other Parties' Comments Due
7. February 10, 2021 – Control Group 1 Established
8. March 22, 2022 – Start date of Program Year 1
9. June 30, 2022 – 30 days after PJM Calendar Year, First Annual Reports to Customers
10. January 1, 2023 – New DERs have inverters certified with IEEE 1547.1 / UL 1741 SB
11. April 21, 2023 – First Annual Report to Commission
12. June 30, 2023 – Second Annual Reports to Customers
13. April 21, 2024 – Second Annual Report to Commission
14. Simultaneously with End of Program Year 2, 2024 – Potential Petition Filing
15. June 30, 2024 – Third Annual Reports to Customers
16. April 21, 2025 – Third Annual Report to Commission

Attachment C

Use Cases

1. Voltage Violation at DER Point of Interconnection

DERs can sometimes exacerbate voltage violations on the network. Currently, there is no real time visibility for the grid operator of the voltage level at the physical location of all DERs. As a result, often the grid operator might not be aware of a voltage violation caused or exacerbated by a DER in a timely fashion, and, if they do notice a voltage violation on the network, there is no way to identify which DER is the cause of the issue. Monitoring capability and an alarm system at a DER location can certainly provide visibility that is needed but missing.

If a violation is identified on a particular DER, currently the only way to act on the issue is to contact the DER operator and request action from them. In some cases, PPL Electric staff will need to be sent on-site, which is time consuming and resource intensive. Active management capability will enable speedy response to the issue and save cost and resources by avoiding sending field personnel to be physically present at the location.

For Monitored DER customers, the Company will be able to identify voltage violations at particular DER locations remotely and will be able to come up with mitigation strategies. For Actively Managed DER customers, the Company will be able to identify the voltage violation and actively manage the DER to attempt to eliminate the voltage violation.

For the Grandfathered Group, the Company will record voltage violations (counts and violation level) using non real-time AMI voltage data. For Control Groups 1 and 2, the Company will record voltage violations using the DER information available from monitoring these customers. For the Actively Managed group, the Company will capture any event where DER settings are adjusted to mitigate voltage issues at the DER point of interconnection.

The Company will analyze the impacts and interaction in voltage management among DERs across the defined customer groups. The Company will also record all field trips needed and those avoided to resolve voltage violations and will calculate the cost savings resulting from fewer trips.

2. Voltage Violation Mitigated by DERs on the Circuit

DER interconnections can exacerbate voltage fluctuations particularly if there are numerous DERs on a single circuit. With additional DERs coming on the system, the voltage violations could be extreme, and, without visibility, PPL Electric's operators and planners will be challenged to manage the system reliably and safely.

For the Actively Managed DER customers, PPL Electric will identify and capture scenarios where DERs may be utilized to alleviate the voltage violations via active management of the DER settings. For the Monitored DER customers, PPL Electric will capture and review events where DERs are using autonomous grid support functions to mitigate voltage issues and will study their overall impact on circuit voltage.

3. Voltage Violation During Planned Switching

During planned switching, when loading and/or network topology changes, DERs can cause network violations. Although some violations can be addressed by changing settings at voltage regulation equipment, sometimes violations would require changes at the customer level, such as requiring DERs to stay offline during the switching. With DER monitoring, the Company has more accurate data to predict the impact of DERs during the switching. With active management, DERMS/ADMS and operators can respond to and mitigate the violation by changing the DERs' settings.

The analysis will be performed prior to execution of the planned switching. The analysis will utilize historically collected data at both the monitored and actively managed DERs on the

circuit(s) to design mitigation strategies if violations would exist during the planned switching period. The Company will decide and document if DERs need to switch from the default Volt/VAR mode to Constant Power Factor during the planned switching, or if a revised default Volt/VAR curve shall be temporarily issued.

During the switching period, the Company will also utilize its Load/Voltage Management program within the DERMS/ADMS to manage the actively managed DERs that are in Constant Power Factor mode.

4. System Restoration

When an outage occurs, all the DERs on the circuit shall automatically switch off to avoid unintentional islanding. When the restoration is complete, the load that will need to be brought back online is larger than the load level under normal operating conditions because the load normally served by the DER will now need to be sourced by the Company's network ("hidden load"). By being aware of the actual amount of hidden load, restoration can be planned to accommodate the total load (apparent + hidden) and dramatically reduce the risk of conductor overload and equipment damage during restoration. Monitoring capability at the DER will provide the critical information on the actual amount of hidden load on the circuit and guide the grid restoration with more visibility. Analysis will be based on the voltage level and circuit loading level recorded in the log after the restoration of circuits with different DER customer groups (Grandfathered Group, Control Groups 1 and 2, and Actively Managed Group). If the information is not clearly portrayed in the log, the Company will perform simulation studies as needed without taking the hidden load into consideration and compare the difference between loading levels with or without the hidden load.

5. Hidden Load Impact on Load Forecasting

Distribution planning reviews the load data for all distribution circuits routinely (during customer load and generation application analysis. During this planning review, the circuit/substation overload risks are evaluated with hidden load considered. Hidden load is the amount of load on a circuit that is masked by distributed generation making the perceived kilovolt-ampere ("kVA") value appear to be lower than it is. System investments are developed based on the outcome of the load forecasting. To compensate for the hidden load, the system may be studied with all DER off-line, as it depicts a scenario where the distribution system must carry the full load without DERs. This makes the analysis less accurate, which may result in unnecessary or less timely system investments. DERs in the Pilot with monitoring and active management capabilities will improve the load model accuracy and decrease circuit/substation overload risk, which could defer the need for system investment.

6. DER Management Impact on Voltage Management

With DER monitoring, the accuracy of voltage profile studies will improve. Having more voltage data points will eliminate assumptions made today and will provide a more accurate voltage profile and allow for timelier and more prudent system upgrades with DER active management through DERMS/ADMS. Also, more voltage support functions will be available, and system investments for upgrading voltage management equipment, such as voltage regulators and capacitor banks, can be avoided. DER management and Volt/VAR curve will also be implemented in the power flow modeling process when applications are reviewed by the Planning team and will directly save the cost of reinforcements to the customer by being able to alleviate voltage violations through the use of smart inverters.

The DER data generated will be utilized by the Planning team to conduct studies and compile a list of voltage violations alleviated through DER monitoring, autonomous grid support

functions, and active management. Planning will use this information and perform power flow and voltage studies to determine reinforcements that would have been required to prevent these voltage violations. A cost-saving estimation will be compiled for each DER management category.

7. DER Active Management Impact on Hosting Capacity Increase and Deferral of Capital Upgrade

Hosting Capacity is the amount of Distributed Generation that can be added to the distribution system before load or voltage violations occur or system upgrades are required for safe and reliable DER integration. With DER monitoring enabled, the actual DER generation information will be used to identify the available hosting capacity, rather than using DER kW nameplate ratings. Knowing that DER actual generation is always smaller or equal to its nameplate rating, the hosting capacity of the distribution system will increase if the actual generation information is used.

The impact analysis will consist of conducting two hosting capacity studies (also known as integration capacity studies) on PPL Electric's network in power flow simulation platform using: (1) DERs' nameplate rating (kW, kilovolt-ampere reactive ("kVAR"), kVA); and (2) DERs' actual generation info (kW, kVAR, kVA) obtained from smart inverters. The hosting capacity at node level, circuit level, and system level will be obtained in both studies and compared together to investigate hosting capacity improvement attributed to the following comparison scenarios:

i. Monitored DERs versus Grandfathered DERs

ii. Autonomous DERs versus Grandfathered DERs

iii. Actively Managed DERs versus Grandfathered DERs

In addition, capital upgrades may be required for new DER interconnection applications, due to limited hosting capacity calculated based on existing DERs' nameplate ratings. The hosting

capacity obtained from actual DER generation info of monitored DERs is used to investigate avoided/deferred capital investments attributed to the comparison scenarios mentioned above.

8. DER Operation in Emergency Conditions and in Active Work Zones

When there is a reported fire, gas leak, or down conductor, field personnel may be needed to clear the issue. The network in the affected part of the distribution system will be de-energized for the safety of the Company's employees and the general public. Through monitoring of DERs, the team can identify all DERs in the active work zone and verify their status (on or off), and through active management, the Company can turn off the DERs remotely when they do not safely isolate from the distribution system. As a result, safety risks during field work will be greatly mitigated.

In addition, in a fire situation in which the fire chief requests a house to be de-energized, the house can be disconnected from the grid at the meter point by the Company remotely. If there is a behind-the-meter DER on site, the Company can monitor whether the DER turns off as required. With monitored DERs, the Fire Department can be notified if the DER is still in operation. The actively managed DERs can be turned off remotely if the DER does not safely isolate from the distribution system on its own. This will increase the certainty of de-energizing and as a result, increase the overall safety level.

The Company will record the number of DERs in active work zones and the number of DERs that require remote management, as the data and time permit. The Company will also record the costs and benefits to the safety measurements through monitoring and/or actively managed DERs.

As previously stated, in accordance with Paragraph 59 of the Settlement, PPL Electric will only use the Remote On/Off function on battery storage or solar systems that have not safely

isolated or ‘islanded’ from the distribution system: (1) in emergency situations, such as a gas leak or fire in the vicinity of the DER; or (2) during a power outage.

Attachment D

Due Consideration of Other Parties' Comments

Under Paragraph 61 of the Settlement, PPL Electric agreed to give due consideration to the Joint Petitioners' written Comments. However, the Company retained the ultimate discretion to accept or reject the Joint Petitioners' feedback in its Pilot Implementation Plan. If any changes were made to the Pilot Implementation Plan based on the Joint Petitioners' feedback, PPL Electric would file a revised Pilot Implementation Plan at this docket within 20 days after the deadline for the Joint Petitioners' Comments.

In compliance with Paragraph 61 of the Settlement, PPL Electric reviewed and gave due consideration to the Joint Petitioners' Comments. Sunrun, who was not a Joint Petitioner, also filed Comments on the Pilot Implementation Plan. Although not obligated to consider Sunrun's Comments under the Settlement, PPL Electric nevertheless reviewed and gave due consideration to those Comments as well.

PPL Electric appreciates the other parties' feedback on the Pilot Implementation Plan. As seen in the first revised Pilot Implementation Plan, and as explained further in this Attachment D, the Company incorporated some of the recommendations proposed by the parties. As a result, PPL Electric determined that it needed to file its first revised Pilot Implementation Plan. In the following sections, PPL Electric summarizes and responds to certain of the parties' Comments.

I. OTHER PARTIES' COMMENTS

A. SEF'S COMMENTS

SEF contends in its Comments that PPL Electric "misrepresents the objective of the DER Management Pilot Program," believing that the purpose is to determine the cost and benefits to ratepayers, not PPL Electric. (SEF Comments, pp. 1-2.)

The Company disagrees with SEF's characterization. The pilot program's objectives are clearly outlined in Paragraph 54 of the Settlement, which states that the pilot program will "test and evaluate: (1) the costs and benefits to distribution system operation and design of *monitoring* DERs through devices connected to inverters as compared to maintaining distribution system status visibility through other means (e.g., automated meter reading equipment, ADMS systems, modeling); and (2) the costs and benefits to distribution system operation of *active management* of DERs as compared to the benefits available through the use of inverter autonomous grid support functions." (Settlement ¶ 54.) Nothing in the Pilot Implementation Plan alters those fundamental objectives. Moreover, costs and expenses incurred by PPL Electric are sought for recovery from the Company's ratepayers, and benefits to PPL Electric's electric distribution service are experienced by its ratepayers, who ultimately receive that service. Therefore, PPL Electric views SEF's characterization as a distinction without a difference.

In addition, SEF argues that the pilot should be delayed "until PPL Electric approves more inverters representing a more significant market share." (SEF Comments, p. 3.) SEF states that "[a]s of the recent conference call among the parties in this proceeding, PPL Electric has yet to solve the technical issues in communicating with Enphase inverters." (SEF Comments, p. 2.) As for SolarEdge, according to SEF, "the Solar Edge inverters approved by PPL Electric are incomplete," as the Company "only approved the H-US series of inverters designed for residential systems and the KUS inverters designed for 3-phase systems." (SEF Comments, p. 2.) SEF states that "[f]or residential customers alone, the approval does not include the H-RW, M-RW, and K-RW series inverters." (SEF Comments, p. 2.) SEF raises concerns about the inverters' approved for use in the Company's service territory and the potential impact on solar developments. (SEF Comments, pp. 2-3.)

PPL Electric has resolved the concerns regarding the IEEE 2030.5 inverters, such as the microinverters used by Enphase. With the agreement of the other parties, until the IEEE 2030.5-compatiable DER Management device is available, PPL Electric will permit DERs using Company-tested and validated IEEE 2030.5 inverters to interconnect and not be subject to the pilot program. Subsequently, once the IEEE 2030.5-compatible DER Management device becomes available, any new DER interconnection applications that will use an IEEE 2030.5 inverter would be included in the pilot program. This practice is consistent with Paragraph 56 of the Settlement, which states that "the Company shall not deny or delay the permission to connect and operate a DER due to unavailability of DER management devices" and that "[a]ny DER not equipped with a DER management device for this reason shall not be part of the pilot program." (Settlement ¶ 56.) Nevertheless, effective January 1, 2021, the Settlement requires new DERs interconnecting with the Company's distribution system to have smart inverters installed that meet: (1) UL 1741 SA; and (2) the Company's testing for the communications requirements under IEEE 1547-2018. (Settlement ¶ 48.) Therefore, PPL Electric must still test those inverters and validate that they meet those requirements before they can be installed in the Company's service territory.

SEF's concerns about the inverter approvals have either been addressed or lack merit. PPL Electric completed the testing and validation of Enphase's IEEE 2030.5 inverters on February 25, 2021. Thus, interconnection applications using those inverters can now be submitted on PPL Electric's web portal. As a result, SEF's concerns about the testing of Enphase's IEEE 2030.5 inverters are moot. Moreover, PPL Electric confirmed with SolarEdge that the Company tested and validated all of the inverter models currently offered by SolarEdge. The inverter models listed by SEF in its Comments are not SolarEdge models. Consequently, SEF's allegations about the testing and validation of SolarEdge's inverters lack merit.

SEF also raised concerns about the Remote On/Off function regarding solar plus storage installations. (SEF Comments, p. 3.) SEF believes that modifications to "the use cases for system restoration and DER operation in emergency conditions and in active work zones" should "be reviewed with the parties in this proceeding prior to implementation." (SEF Comments, p. 3.) SEF continues to believe that under the DER Management Plan, "PPL Electric could modify its approach to shut-down inverters appropriately disconnected from the distribution system," which "could endanger the life of ratepayers that utilize energy storage systems to provide uninterrupted service in the event of the failure of PPL Electric's distribution system." (SEF Comments, p. 3.) Although "SEF fully understands PPL Electric's concern for the safety of its workers," SEF asserts that "these workers can still be provided safe access to the distribution circuits without unnecessarily endangering the lives of ratepayers who may be using solar plus storage to power durable medical equipment." (SEF Comments, p. 3.)

To be clear, PPL Electric will adhere to Paragraph 59 of the Settlement, which states that the Company "will only use the Remote On/Off function on battery storage or solar systems that have not safely isolated or 'islanded' from the distribution system: (1) in emergency situations, such as a gas leak or fire in the vicinity of the DER; or (2) during a power outage." (Settlement ¶ 59.) Therefore, SEF's concern that PPL Electric may "shut-down inverters appropriately disconnected from the distribution system" is without merit. Remote On/Off will only be used for systems that "have not safely isolated or 'islanded' from the distribution system" and only in the circumstances set forth in Paragraph 59 of the Settlement. Nonetheless, PPL Electric has added language to the Pilot Implementation Plan's eighth use case to make this well-established point clearer. (*See* Pilot Implementation Plan, Attachment C, pp. 6-7.)

B. OCA'S COMMENTS

In its Comments, the OCA asserted that "[m]itigation or deferral of DER-related system upgrades can be achieved through numerous smart inverter related use cases that require various technological capabilities. Therefore, it is critical that the Company collect sufficient information to further inform these possibilities and potential solutions." (OCA Comments, p. 3.)

PPL Electric agrees and has designed its use cases not only to "further inform these possibilities and potential solutions" but potentially achieve system upgrade deferrals during the pilot program.

The OCA also commented on the data collection of energy storage systems, stating that "it is unclear as to whether, or what, energy storage related data the Company will collect through the Pilot Program." (OCA Comments, p. 3.) The OCA claims that "it is unclear whether the Company will be able to capture the existence of energy storage systems on PPL's system and separately evaluate the characteristics of these devices." (OCA Comments, p. 3.) Further, the OCA notes that "energy storage charging tariffs have been proposed in different districts throughout the country." (OCA Comments, pp. 3-4.) "While it is unclear whether PPL has grid connected storage or whether the Commission would consider a charging tariff reasonable at this time," the OCA believes that "collecting data on energy storage systems for the purpose of understanding cost causation is reasonable." (OCA Comments, p. 4.) Therefore, the OCA recommends that PPL "collect energy storage related data and specify how it will collect and share this information within the Pilot Program" and that, "[a]t a minimum, PPL should track and provide energy storage data as a separate load profile." (p. 4.)

PPL Electric will collect the same data from all DERs that are participating in the pilot program. Energy storage data will not be treated any differently. Therefore, for solar plus storage DERs, PPL Electric will collect the same data that the Company collects from any other DER

participating in the pilot program. As for the OCA's Comments about charging tariffs and developing a separate load profile for storage, PPL Electric views these issues as outside the scope of the pilot program. As stated previously, PPL Electric is committed to test and evaluate: (1) the costs and benefits to distribution system operation and design of *monitoring* DERs through devices connected to inverters as compared to maintaining distribution system status visibility through other means (e.g., automated meter reading equipment, ADMS systems, modeling); and (2) the costs and benefits to distribution system operation of *active management* of DERs as compared to the benefits available through the use of inverter autonomous grid support functions. (Settlement ¶ 54.) However, in its annual reports, PPL Electric will be indicating the type of DER installation for each of the participating systems (e.g., solar plus storage). Thus, the OCA will be able to analyze data about solar plus storage systems participating in the pilot program.

Further, the OCA "strongly supports the evaluation of" the active network management ("ANM") use case and "appreciates PPL clearly articulating the use [case] in the Pilot" because it can "be an exceptionally cost-effective approach to increasing hosting capacity and deferring system upgrades related to DERs." (OCA Comments, pp. 4-5.) The OCA recommends that PPL Electric "consider tracking cost causative characteristics of DER export, which will provide interested stakeholders information concerning the qualities of DERs that can cause costs to be incurred by the Company, that may otherwise be avoided through the use of PPL's Distributed Energy Resource Management System (DERMS)." (OCA Comments, p. 5.)

PPL Electric will be reporting the distribution system upgrades that were avoided with DER monitoring and remote active management. Although not intended for evaluation of ANM cases, PPL Electric believes that this reporting will provide a good foundation for the stakeholders to conduct such an evaluation.

The OCA also argues that the "cost-effectiveness of PPL's DER Management Device could be highly dependent on the size of DER that the Company monitors and controls." (OCA Comments, p. 6.) As a result, the OCA recommends that "PPL, to the extent possible, attempt to collect data and conduct analysis to investigate this issue." (OCA Comments, p. 6.)

PPL Electric will collect and report on the nameplate capacities of the DERs participating in the pilot program. In its annual reports, PPL Electric will provide the nameplate capacity of each participating DER. This will enable the stakeholders, including the OCA, to analyze the data based on specific nameplate capacities of the DERs. However, PPL Electric does not believe that a specific use case needs to be developed to analyze the impact of the DER's size on the cost-effectiveness of the DER Management device. The stakeholders will be able to disaggregate and analyze the annual reports' data by system size, thereby enabling them to perform their own evaluation. Nevertheless, PPL Electric's planned use cases are subject to change, and the Company may ultimately analyze the impact of the DER's size on cost-effectiveness, either as a separate use case or within the currently planned use cases.

C. NRDC'S COMMENTS

In NRDC's Comments, NRDC raises a series of concerns about inverter testing and compatibility issues, namely SolarEdge's inverters and the IEEE 2030.5 inverters, such as the microinverters manufactured by Enphase. (NRDC Comments, pp. 2-6.) NRDC agrees with PPL Electric's plan to address the incompatibility of IEEE 2030.5 inverters with the Company's DER Management device, under which: (1) until the IEEE 2030.5-compatiable DER Management device is available, PPL Electric will permit DERs using Company-tested and validated IEEE 2030.5 inverters to interconnect and not be subject to the pilot program; and (2) once the IEEE 2030.5-compatible DER Management device becomes available, any new DER interconnection applications that will use an IEEE 2030.5 inverter would be included in the pilot program. (NRDC

Comments, p. 5.) NRDC states, however, that "the Company should clarify the reasons for the incompatibility between a smart inverter that appears to clearly meet the interim standards and the ConnectDER device, and explain what actions it is taking to ensure that similar issues do not arise with other smart inverters that meet the interim standards." (NRDC Comments, p. 5.) NRDC also suggests providing more detail on whether the delays with the Enphase inverters is manufacturer-specific or a broader issue. (NRDC Comments, p. 5.) Furthermore, NRDC recommends that PPL "undertake efforts to ensure that other inverter manufacturers are aware of the issue of ConnectDER compatibility with IEEE 2030.5 and the temporary exemption to install affected inverters outside the pilot program." (NRDC Comments, pp. 5-6.)

As noted by NRDC, the concerns raised specifically to SolarEdge are moot because the list of approved smart inverters now includes SolarEdge's inverters. (NRDC Comments, p. 3.) Moreover, as explained in Section II.A., *supra*, PPL Electric completed testing and validating Enphase's IEEE 2030.5 inverters on February 25, 2021, and interconnection applications using those inverters can now be submitted. Therefore, the inverter testing issues raised by NRDC have been addressed.

Regarding the IEEE 2030.5 inverters' incompatibility with PPL Electric's DER Management device, PPL Electric clarifies that the incompatibility issue is only limited to inverters that use IEEE 2030.5 as the sole communication protocol. Per IEEE 1547-2018, inverters should be able to support one of the three communication protocols: DNP 3, SunSpec Modbus, or IEEE 2030.5, as specified by the electric distribution company. Before filing the DER Management Petition, PPL Electric surveyed and researched the inverter industry and determined that the majority of the inverter manufacturers use SunSpec Modbus and DNP 3. Thus, PPL Electric's current DER Management device was designed, tested, and implemented to support these two

protocols. IEEE 2030.5 is the newest of the three communications protocols, and PPL Electric is actively working on a DER Management device solution that will resolve the incompatibility issue. Although PPL Electric believes that many of the issues encountered with testing and validating Enphase's IEEE 2030.5 inverters were manufacturer-specific, the incompatibility with the current DER Management device applies to all IEEE 2030.5 inverters. As such, PPL Electric will update its solar inverter and other PPL Electric webpages to help make manufacturers, solar installers, customers, and other stakeholders aware of the incompatibility issue and how customers using tested and validated IEEE 2030.5 inverters will not be a part of the pilot program until PPL Electric has a compatible DER Management device available and ready to be used.

Next, NRDC states that PPL Electric should limit the use of "bespoke inverter settings" in the Control Groups' DER installations. (NRDC Comments, pp. 7-8.) According to NRDC, "the spirit of the pilot would be better served by using utility default inverter settings in as widespread a fashion as practicable." (NRDC Comments, p. 7.) "While it may be the case that locational and other factors may favor departing from default settings in particular circumstances (e.g., larger DER systems)," NRDC believes that "even then the establishment of default settings will provide valuable lessons about the extent of any limitations with a default setting-centered approach." (NRDC Comments, p. 8.)

PPL Electric generally disagrees with NRDC's suggestion. PPL Electric already will be tracking and reporting the initial settings of each DER participating in the pilot. Moreover, PPL Electric developed its Volt/VAR settings in a manner consistent with IEEE standards, i.e., maintaining power factor no lower than +/- 90%. Leveraging Volt/VAR curves which are calculated based on the DER's specific location and size provides the required granularity for distribution system stability. Due to the varied nature of PPL Electric's distribution system, which

goes from very urban, short distribution feeders with a high short circuit duty to very rural, long, distribution feeders with a low short circuit duty, the use of a default curve would result in some DERs absorbing or injecting VARs unnecessarily. DERs close to a substation should expect to see a voltage on the higher side of the acceptable range due to its proximity to the source just as DERs that are far from the substation should expect to see a voltage lower in the acceptable range. Use of strict, uniform default settings would necessitate more active management for DERs not in one of the Control Groups and would potentially lead to voltage issues on feeders within the control groups.

Also, PPL Electric has a statutory duty to all of its customers to provide safe, reliable, and adequate electric distribution service. *See* 66 Pa. C.S. § 1501. PPL Electric will not turn a blind eye and allow a DER to interconnect with suboptimal default settings, which, as described previously, could negatively affect the Company's electric distribution service.

Regarding the annual reports, NRDC recommends that the annual reports include information on PPL Electric's review of use cases, specifically "narrative interim assessments," not just data, and that the Company clarify this point in its Pilot Implementation Plan. (NRDC Comments, pp. 8-9.) NRDC also recommends that the annual reports include: (1) all initial inverter settings, including data allowing for regional comparative analysis; (2) the customer's feeder line; and (3) an actual analysis of DER system size, not only the details of the DERs' nameplate capacities. (NRDC Comments, pp. 9-11.)

As stated on pages 16 and 19 of the revised Pilot Implementation Plan, PPL Electric's annual reports will provide findings and information of these use cases. Moreover, PPL Electric will include each participating DER's initial inverter settings and nameplate capacity. However, PPL Electric will not provide each DER's feeder line in a publicly-available annual report. In the

Company's experience, customers are very concerned about their privacy, especially when it comes to details about their electric usage, generation, and DER systems. If PPL Electric provides the feeder line for each participating DER along with all of the other information being presented in the annual reports, the Company cannot guarantee that the customer's identity will be shielded from public view.

Lastly, NRDC makes a series of recommendations about making program documents available to the public. Specifically, NRDC recommends that "all pilot documentation . . . be made available on a dedicated webpage accessible through the . . . Company's Renewable Energy webpage." (NRDC Comments, p. 11.) NRDC believes that the REMSI website was designed with installers in mind, so it may not be an easily navigable resource for some stakeholders. (NRDC Comments, pp. 12-13.) NRDC also appreciates the Company's willingness to put the default setting ranges from PPL Electric Exhibit SS-1R on its REMSI website. (NRDC Comments, p. 12.) Additionally, NRDC seeks clarification on where the "frequently asked questions" appears on PPL Electric's website. (NRDC Comments, p. 13.)

PPL Electric will be launching a new webpage specifically for DER Management, including the pilot program. This new webpage will go live in March or April 2021 and will serve as the main "hub" with easily located information or hyperlinks to pertinent information on DER Management, including, but not limited to, material pertaining to DER management as a whole, Volt/VAR and Ride-through setting guidelines, approved installation sketches, frequently asked questions, the Pilot Implementation Plan, and the approved inverter list. PPL Electric intends for this new webpage to address many, if not all, of NRDC's recommended changes to the Company's website.

D. SUNRUN'S COMMENTS

In its Comments, Sunrun raises issues concerning the Company's testing of inverters, particularly IEEE 2030.5 inverters, and recommends that either: (1) "interconnection should not be delayed for inverters that meet UL 1741 SA and IEEE 1547-2018 standards but are pending PPL testing; or (2) "Pilot Program implementation as a whole should be delayed until PPL demonstrates that its DER management device is compatible with a larger number of smart inverters, including smart inverters with IEEE 2030.5 communication protocols." (Sunrun Comments, pp. 2-4.)

Sunrun's recommendations are unnecessary. As explained previously, PPL Electric has finished testing and validating SolarEdge's inverters and Enphase's IEEE 2030.5 inverters. Therefore, many inverters have been tested and validated by PPL Electric and are now available to be used in the Company's service territory, including the inverter brands that are the most popular in PPL Electric's service territory. Moreover, after consulting with the other parties, including Sunrun, PPL Electric will allow DER installations using tested and validated IEEE 2030.5 inverters to be used in the Company's service territory. Since the Company currently does not have a DER Management device that is compatible with IEEE 2030.5 inverters, such installations will not be part of the pilot program until such a DER Management device is available. PPL Electric believes this is a reasonable approach that will enable the pilot program to continue, while providing the Company more time to develop a solution that will enable DERs using IEEE 2030.5 inverters to participate in the pilot program.

In addition, Sunrun supports revising the Pilot Implementation Plan to include clarifying language about PPL Electric's use of the Remote On/Off function. (Sunrun Comments, p. 4.) Sunrun also states that PPL Electric "should be able to differentiate DERs which have storage from

those which do not, as to more effectively utilize remote on/off technology only when it should be used per the Settlement." (Sunrun Comments, p. 4.)

As stated previously and in the revised Pilot Implementation Plan, PPL Electric only will use the Remote On/Off function in compliance with Paragraph 59 of the Settlement. That is, the Company "will only use the Remote On/Off function on battery storage or solar systems that have not safely isolated or "islanded" from the distribution system: (1) in emergency situations, such as a gas leak or fire in the vicinity of the DER; or (2) during a power outage." (Settlement ¶ 59.) Language to that effect has been added to the revised Pilot Implementation Plan. (*See* Pilot Implementation Plan, Attachment C, pp. 6-7.)

Style Definition: TOC 2

Style Definition: TOC 3

DER Management Pilot Implementation Plan

Dated: ~~**March 1, 2021 (**~~**February 28, 2023 (Second Revised)**

25222039v1

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I. INTRODUCTION

This Implementation Plan describes PPL Electric Utilities Corporation's ("PPL Electric" or the "Company") Distributed Energy Resource ("DER") Management Pilot ("Pilot") that commenced on January 1, 2021. This Implementation Plan has been prepared and submitted pursuant to the Joint Petition for Settlement of All Issues ("Settlement") approved by the Pennsylvania Public Utility Commission ("Commission") at Docket No. P-2019-3010128. As required, this Implementation Plan explains how the Company will implement and conduct the Pilot, including the goals of the Pilot, the use cases the Company plans to test and evaluate, the specific methods and approaches for testing each use case, the methods by which PPL Electric will communicate the Pilot's requirements to customers and DER installers, and any additional information PPL Electric believes is necessary to be included in the annual reports submitted pursuant to the Settlement.

By way of background, many utilities have experienced operations and planning challenges as DER penetration becomes increasingly significant. These challenges include, but are not limited to, voltage swings, masked or hidden load, limited hosting capacity, planning uncertainties, and protection/operational challenges with two-way power flow. As a response to these challenges, the Institute of Electrical and Electronics Engineers ("IEEE") made revisions to Standard 1547 in 2018 ("IEEE 1547-2018"), which set forth requirements for smart inverters that can help support the distribution system. When these smart inverters are coupled with DER management devices, electric utilities can monitor and manage DERs interconnected with their distribution systems.

On May 24, 2019, PPL Electric filed a Petition with the Commission for permission to require smart inverters that meet the new IEEE and Underwriters Laboratories ("UL") standards, to install DER management devices on new DERs interconnected with its distribution system, and

to monitor and manage those new DERs. Ultimately, the parties agreed to the Settlement, which, as approved by the Commission, permits the Company to conduct a Pilot to test and evaluate the costs and benefits of monitoring and managing DERs.

II. DER MANAGEMENT PILOT

A. OBJECTIVES

Under the Settlement, the Pilot is designed to test and evaluate: (1) the costs and benefits to distribution system operation and design of monitoring DERs through devices connected to inverters as compared to maintaining distribution system status visibility through other means; and (2) the costs and benefits to distribution system operation of active management of DERs as compared to the benefits available through the use of inverter autonomous grid support functions. Figure 1 is a graphic overview of the Pilot, beginning with a PPL Electric customer filing an application to interconnect a DER to the Company's distribution system. Approved DER interconnection applications will receive a DER management device and be assigned to a customer group pursuant to the Settlement.

Figure 1- Pilot Overview

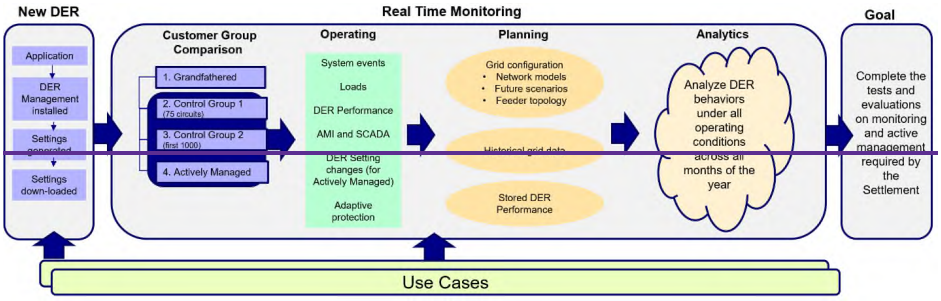

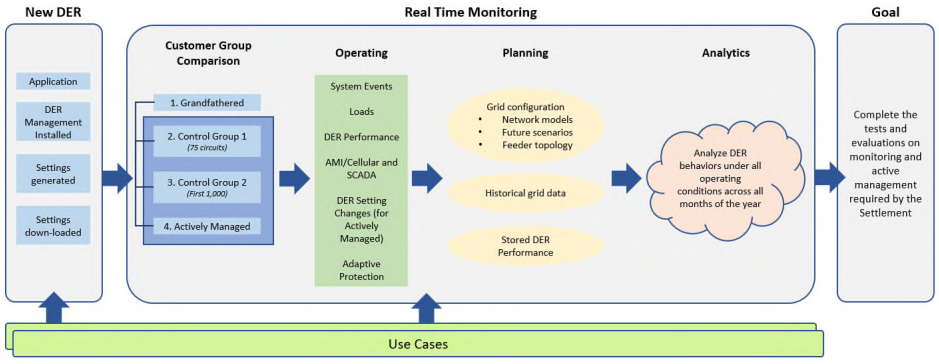

B. TIMELINE AND MILESTONES

The three-year Pilot timeline will commence after Control Groups 1 and 2, described below in Section C, have been fully established. The time leading up to the Pilot commencement will be referred to as Program Year 0. After the end of Program Year 0, the subsequent three years of the Pilot will be referenced as Program Year 1, Program Year 2, and Program Year 3, respectively. ~~Assuming Control Groups 1 and 2 have reached 75 circuits and 1,000 participants by July 2021,~~ Pilot milestones are described below in Figure 2. A more detailed list is provided in Attachment B.

Figure 2- Pilot Implementation Milestones

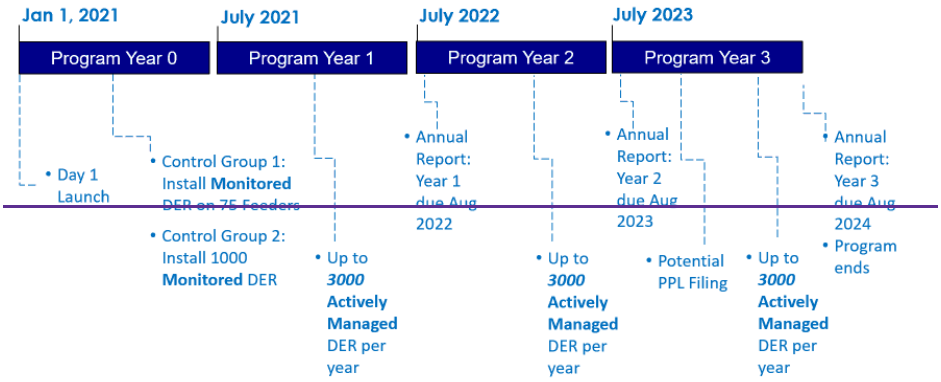

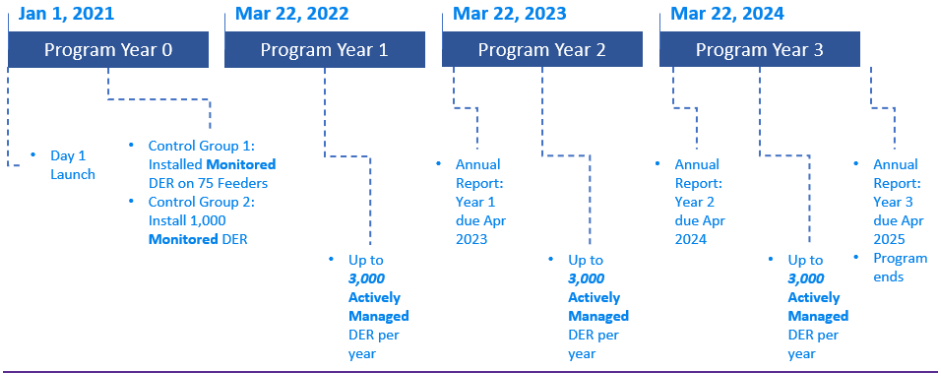

C. DER CUSTOMER GROUPS

As of December 31, 2020, PPL Electric has 11,614 DERs interconnected with its electric distribution system. Some of these DERs are participating in the Company's Keystone Solar Future Project, which are interconnected with 12 specific distribution circuits on PPL Electric's system.

For purposes of this Pilot, PPL Electric has identified four different DER customer groups. The groups are defined below, including their relationship to this Pilot. These definitions are critical to understanding the comparisons that will be made across the different customer groups,

to establishing reporting requirements, and to calculating the costs and benefits attributed to monitoring and management of the DERs. Control Groups 1 and 2 and the Actively Managed Group are created and defined as part of the Pilot. Conversely, information from the Grandfathered Group will be used in the final analysis of the Pilot Program as a basis for comparison. Pursuant to the Commission-approved Settlement, some DER customers will not be able to participate in the Pilot because they are grandfathered or because PPL Electric exhausted the cap of 3,000 DER management devices installed in the calendar year that they interconnected the DERs.

1) **Grandfathered Group**. DER customers who applied for interconnection on or before December 31, 2020, are "grandfathered" and, therefore, are not required to comply with the new interconnection requirements in the operations and maintenance of their DER installation. PPL Electric collects information continuously on the distribution system, including the circuits that host these DER customers, but there is no direct monitoring or active management of DER installations in this group.

2) **Control Group 1.** This group will contain all DER customers, who apply on or after January 1, 2021 and are located on 75 specific circuits. These circuits will be selected based on the circuits which serve the first 75 DER customers who apply to interconnect and are served by unique circuits. Once those circuits are identified, all new DER customers who are served by one of these 75 circuits will be interconnected in monitoring mode and will operate with autonomous grid support functions only. The DERs on these 75 circuits will remain in "monitor-only" mode for the duration of the Pilot. DER customers in Control Group 1 will receive DER management devices. Pursuant to the Settlement, Control Group 1 will not include any of the excluded circuits set forth in Attachment A. This Control Group was fully established on February 10, 2021.

3) **Control Group 2.** This group will contain the first DER customers to complete their installation, up to 1,000 participants, who also applied to interconnect on or after January 1, 2021, regardless of where they are located on the system. These customers will be interconnected in monitoring mode and will operate with autonomous grid support functions only. DER customers in Control Group 2 will receive DER management devices. DER customers in Control Group 1 will count toward the 1,000 DERs in Control Group 2. This Control Group was fully established on March 22, 2022.

4) **Actively Managed Group.** All DER customers who submit applications and interconnect with the distribution system on or after January 1, 2021, excluding the customers outlined in Control Groups 1 and 2 as well as any customers interconnecting

after the cap of 3,000 DER management devices installed in the calendar year has been reached. The Company can actively manage the grid support functions of the DER inverters in this Actively Managed Group using the DER management devices and the Company's Distributed Energy Resources Management System ("DERMS"). The following grid support functions can be utilized in the smart inverters: (1) Volt/VAR; (2) Constant Power Factor; (3) Remote On/Off; (4) Voltage Ride-through; (5) Frequency Ride-through; and (6) Volt/Watt. Volt/Watt may only be enabled and managed with the consent of the interconnecting customer. PPL Electric will only use the Remote On/Off function on battery storage or solar systems that have not safely isolated or "islanded" from the distribution system: (1) in emergency situations, such as a gas leak or fire in the vicinity of the DER; or (2) during restoration efforts following a power outage.

Control Group 1, Control Group 2, and the Actively Managed Group are included in the Pilot scope and reporting. The analysis will compare these groups to each other and to the Grandfathered Group to understand the costs and benefits of monitoring and actively managing DERs.

D. COMPONENTS AND ARCHITECTURE

Several components will be used as part of the Pilot to process the DER interconnections and monitor and manage the DERs under the Pilot. The Company's DER Management Architecture is set forth in ~~Figure 3~~Figures 3a and 3b below and outlines how the Company will interconnect the DER to the system, communicate to DER management devices, receive and integrate operational feedback from DERs for system analysis, calculate dynamic operation settings for DERs, and manage settings changes as needed.

Figure ~~3~~3a - DER Management AMI Architecture

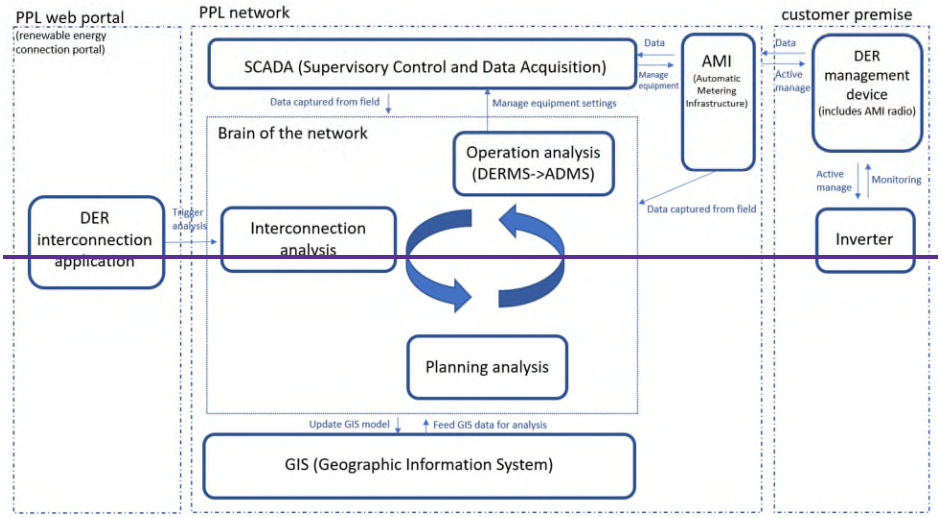

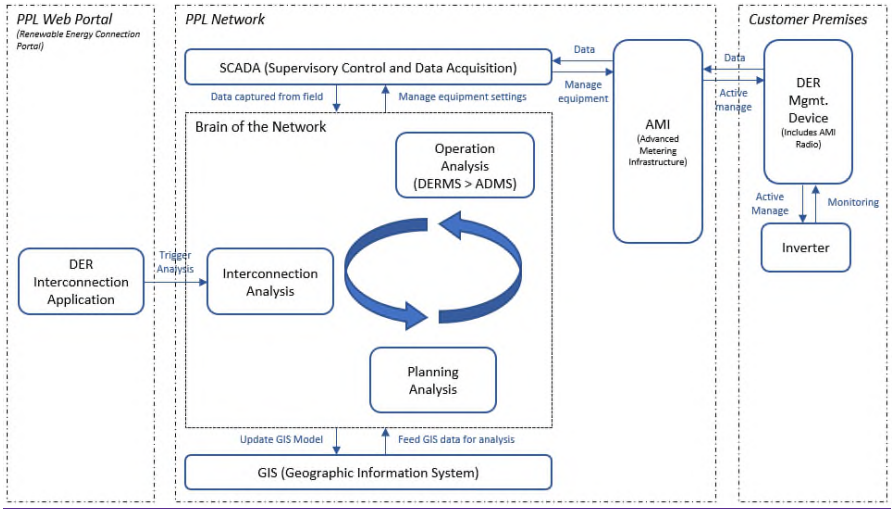

Figure 3b – DER Management Cellular Architecture

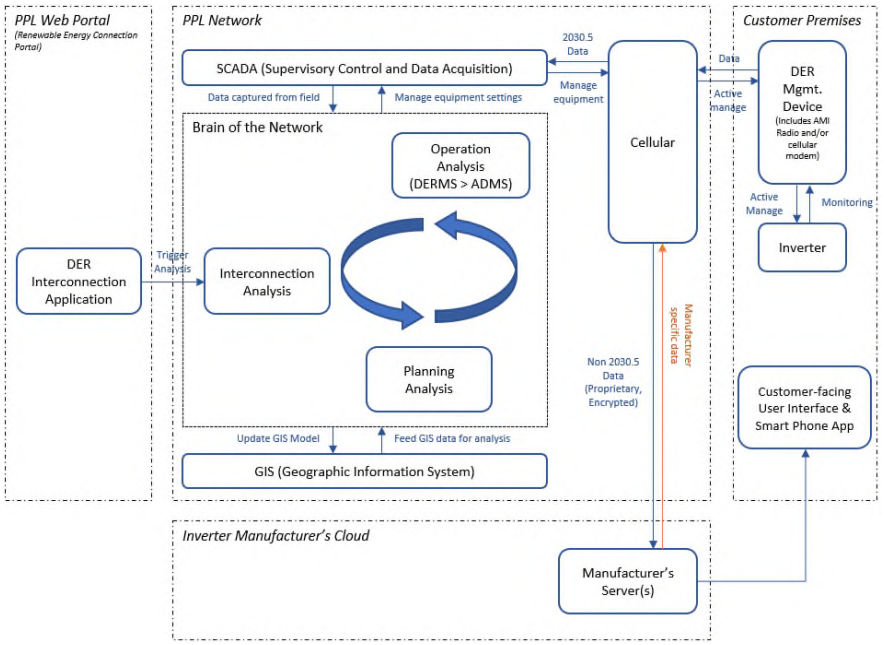

The components in the architecture are:

- DER Interconnection Application: Interconnection applications are submitted through a customer facing portal on PPL Electric's website. The portal allows for work orders to be generated and for customer and inverter data to pass automatically to the Company's Geographic Information System ("GIS").
- Interconnection Analysis: The technical analysis process by which PPL Electric reviews the proposed interconnection against its requirements, determines if upgrades are required to the PPL Electric system, and, when satisfied, provides approval for installation.
- Planning Analysis: The routine technical analysis PPL Electric uses to determine whether additional system upgrades are required to address capacity, voltage, or

reliability needs on the distribution system. The planning process uses data from the Supervisory Control and Data Acquisition ("SCADA") system and GIS, among other systems.

- Distributed Energy Resource Management System ("DERMS"): A centralized system responsible for DER management; DERMS is being migrated to an Advanced Distribution Management System ("ADMS") in the first quarter of 2021. First DERMS, then ADMS, will be used for DER monitoring and management during the Pilot.
- Geographic Information System: A database providing the equipment, asset data, and locations of the equipment on the distribution system.
- Supervisory Control and Data Acquisition: In addition to the data that is already collected by PPL Electric's SCADA system, this system captures the data from the inverters through the ~~automated~~advanced metering infrastructure ("AMI") mesh network or a cellular connection and provides it to DERMS. Additionally, SCADA data is stored and available historically.
- AMI Mesh Network: The communication pathway that was originally created for the Company's AMI meters that is now being used for DER communication as well. It facilitates data exchange with SCADA via the AMI Headend and with the individual DERs via the AMI radios located within the DER management devices.
- Cellular Network: The communication pathway that facilitates data exchange with SCADA via PPL Electric's cellular headend servers and with the individual DERs via the cellular modem located within the DER management devices.

- DER Management Device: Featuring an AMI radio or cellular modem, this device connects to the DER's local communication interface, enabling monitoring and management of the DER through the existing AMI Mesh Network. or cellular connection. This device allows PPL Electric to remotely monitor the attributes and performance of the DER and manage its grid support settings as needed.

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E. DER INVERTERS

1. Inverter Requirements

Effective From January 1, 2021, through December 31, 2021, new DERs interconnecting with the Company's distribution system must were required to feature smart inverters that meet met: (1) UL Standard 1741 Supplement A ("UL 1741 SA"); and (2) the Company's testing for the communications requirements under IEEE 1547-2018. The Company shall perform its testing expeditiously so DER interconnections are not delayed. These requirements shall be were known as the "Interim Requirements" and will be used until." Beginning January 1, 2022. Thereafter, the Company will transition , PPL Electric transitioned to requiring new DERs to have smart inverters that meet IEEE 1547-2018 and have been certified connect to the distribution system to comply with IEEE 1547.1 /-2018 and to be certified to UL 1741 Supplement B ("UL 1741 –SB"). During the transition period of January 1, 2022, through December 31, 2022, each new inverter connecting to PPL Electric's distribution system must either: (1) meet UL 1741-SA (as amended or supplemented) and the communication requirements under IEEE 1547-2018 (as tested by or on behalf of the Company); or (2) comply with IEEE 1547-2018 and be certified to UL 1741-SB. Beginning January 1, 2023, new inverters connecting to the distribution system must comply with IEEE 1547-2018 and must be certified to UL 1741-SB. The Company shall perform its testing

expeditiously so DER interconnections are not delayed. Inverter manufacturers will be required to follow PPL Electric's certification process to be eligible for Pilot participation.

If a customer installs a new inverter on an existing DER installation or upgrades an existing DER installation after January 1, 2021, the customer may install a replacement inverter of similar make and model as the existing inverter; provided, however, that any such inverter must meet the Commission's applicable standards and requirements set forth in its regulations. These inverter requirements also do not apply to DER installations whose interconnection applications are submitted to PPL Electric before January 1, 2021.

2. Approved List of Smart Inverters

The list of smart inverters that meet the ~~Interim Requirements~~Company's applicable requirements are publicly available and will be regularly updated on the Company's website. An initial list was published on December 1, 2020. On January 1, 2021, the Company's Renewable Energy Connection web portal was updated to reflect the list of smart inverters that have been certified to meet the ~~Interim Requirements.~~Company's applicable requirements. If a customer or installer would like to use an inverter not on the approved inverter list, they must follow PPL Electric's certification process.

3. Inverter Testing and Certification Process

PPL Electric follows a streamlined process for testing new inverters requesting approval. The steps are laid out as follows:

First, the inverter manufacturer needs to provide proof that the inverter is ~~UL 1741-SA certified~~ UL 1741-SB certified and has a dedicated local communication interface available for testing, which are both pre-requisites for being able to be certified under the Interim Requirements. (Note that UL 1741-SA certification was accepted until January 1, 2023; UL 1741-SB certification has been required since that date.) The inverter manufacturer also must provide technical

information on its inverter model, including, but not limited to, the inverter's communication protocol, data models, and configuration profiles. The Company also works with the inverter manufacturer to obtain a test model for PPL Electric's testing lab.

Second, after the Company receives all of the requested information and has set up a test model in the lab, the inverter testing proceeds in the following sequence:

1. DER Communication Protocol Testing

   PPL Electric validates that one of the three approved protocols (IEEE 2030.5, IEEE 1815(DNP3) or SunSpec Modbus) is supported as a local communication interface.

2. Profile Configuration including Data Point Mapping

   PPL Electric develops and loads the proper server profile configuration to allow data points to flow correctly between the server and client.

3. Read Points Testing

   PPL Electric tests and validates the capability to receive the following via the inverters' local communication interface.

   - Real Power
   - Apparent Power
   - Reactive Power
   - Power Factor
   - Current (Total, Phase A, Phase B, and Phase C)
   - Voltage (Phase A-to-neutral, B-to-neutral, C-to-neutral)

4. Write Points Testing

   PPL Electric tests and validates the capability to monitor and manage grid support functions of the inverters via their local communication interface.

5. DER Management Device Testing

PPL Electric tests and validates end-to-end testing between the DER and the Company's DERMS/ADMS via the DER Management ~~devices~~device.[1]

Smart inverters that pass the Company's testing requirements are added to PPL Electric's Approved List of Smart Inverters.

4. Customer Enrollment

The DER interconnection application process will utilize the Company's Renewable Energy Connection web portal for the approval and the creation of interconnection work orders. The portal also is used to obtain the Certificate of Completion ("COC") for the DER interconnection.

During the Pilot, the Company will purchase and install DER management devices on all new DERs with inverters installed for DER customers in Control Groups 1 and 2 and DER customers in the Actively Managed Group, up to an annual limit of 3,000 DER management devices. DERs installed above the annual limit shall not be part of the Pilot. All DER management devices shall be owned, operated, and maintained by the Company at no direct cost to interconnecting customers. The smart inverters that are installed as part of the Pilot must have one of their communications ports dedicated to use by PPL Electric. In the event that the customer's DER requires two communications ports to operate (such as in a solar plus battery storage set-up), PPL Electric will provide a three-communications port solution at no direct cost to that customer.

[1] The Company's ~~current~~AMI Mesh Network DER Management device is not compatible with IEEE 2030.5 inverters. PPL Electric ~~is~~ actively ~~working~~worked on a solution that ~~will~~would resolve the incompatibility issue. ~~However, until~~Ultimately, PPL Electric developed a ~~IEEE 2030.5 compatible~~Cellular Network DER Management device that is compatible with IEEE 2030.5. Therefore, when that IEEE 2030.5-compatible device becomes available, ~~PPL Electric will permit~~applications for new DERs ~~using~~utilizing IEEE 2030.5 inverters that pass the Company's other testing requirements to interconnect ~~and not~~will be subject to the pilot program. ~~Subsequently, once the~~Applications for new DERs using IEEE 2030.5-compatible ~~DER Management~~inverters that are submitted before that IEEE 2030.5-compatible device becomes available~~, any new DER interconnection applications that will use an IEEE 2030.5 inverter would be included in the pilot program. This practice is consistent with Paragraph 56 of the Settlement, which states that "the Company~~ shall ~~not deny or delay the permission to connect and operate a DER due to unavailability of DER management devices" and that "[a]ny DER not equipped with a DER management device for this reason shall not be~~remain not a part of the pilot program.~~" (Settlement ¶ 56.)~~ .

When a complete DER interconnection application is received, a unique and internal DER management identification category is assigned to the application based on: (1) the order it was received relative to other applications; and (2) the customer group to which that specific application was assigned, as shown in Table 1 below.

Table 1: DER Management Designation

DER Management Designation	Description
Designation Category 0	This DER management designation will include interconnections that belong to the Grandfathered Group that are not required to comply with the new interconnection requirements in the operations and maintenance of their installation.
Designation Category 1	This DER management designation will be assigned to those DER customers in Control Group 1, those on the first 75 circuits for which DERs are installed.
Designation Category 2	This DER management designation will include the first 1,000 DERs which apply and complete their interconnection on or after January 1, 2021 and may include DER customers who are also assigned to Control Group 1 (Designation Category 1).*
Designation Category 3	A DER system that is enrolled in the Actively Managed Group will be assigned this DER management designation.

* Customers included in the first 1,000 DERs interconnected and are on one of the first 75 circuits will have a designation noting inclusion in both control groups.

5. DER Settings

Volt/VAR will be used as the default voltage management mode for all inverters. The Company will establish and maintain default Volt/VAR settings based on the location and impact of each DER, as well as voltage ride-through and frequency ride-through functions which meet or exceed PJM Interconnection LLC's ("PJM") guidelines. Alternative voltage management modes and settings may be used to reduce or eliminate distribution system upgrade costs to interconnecting customers with their agreement.

Prior to the customer completing the DER installation and submitting the COC, a Volt/VAR curve will be calculated and stored in a database to be sent to the inverter following its

installation. Each Volt/VAR curve will be calculated using the DER's location on the distribution system, kW nameplate, calculated voltage rise, and other pertinent data.

DERs in Control Group 1 and Control Group 2 will be monitored using DERMS/ADMS and the AMI Mesh Network to understand the actual state of the distribution system and the DERs' performance. The Company shall not make operational decisions regarding the distribution system based on that information. Control Group inverters will exclusively use autonomous grid support functions, which will dictate the inverter's operational behaviors, using the local conditions as input. Each Control Group inverter will be tagged in DERMS/ADMS to prevent any active management by either DERMS/ADMS or PPL Electric's operations personnel.

In the Actively Managed Group, the developed Volt/VAR curve will be used until field conditions deem a power factor override or a change of power factor is necessary to maintain acceptable system conditions. In operating scenarios where the distribution system is configured abnormally due to maintenance or an outage, DERMS/ADMS may manage these inverter settings by "overriding" the autonomous Volt/VAR curve and using a specific Constant Power Factor until system conditions return to acceptable levels. PPL Electric will only use the Remote On/Off function on battery storage or solar systems that have not safely isolated or "islanded" from the distribution system. The Company will only use Volt/Watt when mutually agreed upon by the DER customer and the Company. Aside from Volt/VAR curves, default Voltage Ride-through and Frequency Ride-through will also be provided and programmed by the Company at interconnection. PPL Electric will track and report yearly on each instance when active management is used.

F. PILOT PROGRAM ANALYSIS

During the Pilot, PPL Electric will gather and store data from participating DERs in three of the customer groups: Control Group 1, Control Group 2, and the Actively Managed Group.

The data will be used in comparison among the four customer groups (*i.e.*, Control Group 1, Control Group 2, Actively Managed Group, and Grandfathered Group) to determine the impact and benefits of DER monitoring and active management. The analysis will occur in both an operating (real-time) environment and in planning (long-term) scenarios.

Operational analysis will be done in near real-time so that operators and DERMS/ADMS can identify the impact of each DER on voltage and load on the circuit. The Company shall not make operational decisions regarding the distribution system based on the information gathered from Control Group 1 and Control Group 2. DERMS/ADMS will determine if adjustments need to be made to traditional voltage management devices, the settings on inverters in the Actively Managed Group, or both to mitigate violations and make work conditions safer. The operators can then change the inverter settings and determine if the potential violation is ameliorated. The information from all these events, for both monitored and actively managed customers, will be tracked and made available for further analysis.

Planning analysis will include post-event analysis of voltage and load information from the circuits with Grandfathered Group DERs (no monitoring) compared to circuits with monitored DERs and those with actively managed DERs. Comparisons will determine whether monitoring and/or actively managing the DERs results in fewer voltage violations, fewer capital expenditures, or other system challenges being avoided.

1. Anticipated Benefits

The anticipated benefits are expected to provide a value proposition for Reliability, Power Quality, and Safety as shown in Table 2, below.

Table 2- Value Proposition and Anticipated Benefits

a. Enhance operational flexibility

Reliability	b. Improved excursion ride-through
	c. Improved hidden load visibility
Power Quality	d. System upgrades deferred / avoided
	e. Increased hosting capacity
	f. Improved long-term forecasting
	g. Improved voltage management
Safety	h. Safer work environment

2. Data Collection and Verification

DER information, such as grid number, premise number, user group, circuit ID, nameplate generation size (kW), and distance from substation, will be captured from the GIS and Customer Service System ("CSS") databases for all DER customer groups. Voltage data will be taken across PPL Electric's network at all the available measuring points, such as SCADA and AMI meters, to monitor the network voltage level. System load data will be captured at Company-owned devices at all the available measuring points in the network, such as circuit breakers, recloser devices, smart switching devices, and AMI meters. Voltage and load data will be captured at all DER inverters within Control Groups 1 and 2 and the Actively Managed Group.

Inverter baseline data to be collected and archived includes amps, voltage, watts, VARs, Power Factor, Power Factor setpoint value, Power Factor setpoint enabled, Volt/VAR enabled, and system status (On/Off). This data will be captured for all DER customer groups and used for comparative analysis. This comparative analysis includes, but is not limited to:

a. Peak load and associated voltage;

b. Minimum load and associated voltage;

c. Minimum daytime load and associated voltage;

d. Number of voltage violations;

e. Standard deviation of voltage violations;

f. Peak load at customer meter for all DER customers on the circuit;

g. Minimum load at customer meter for all DER customers on the circuit;

h. Standard deviation of loads for all DER customers on the circuit;

i. Number of hours without DER production; and

j. 8760 load levels and voltage levels on circuits.

With DER monitoring and management, PPL Electric will have a significant increase in data to help manage and plan the distribution system, with sources from the grid (before the meter) as well as AMI meter data and DER inverter data (behind the meter). Collecting data both before and behind the meter will bring critical information to understand the full impact of two-way power flow on the safe and reliable operation of the distribution system.

Using this, PPL Electric will be able to conduct comparisons among the four DER customer groups, show use cases, track multiple metrics, and analyze the differences in performance and grid-supporting behaviors of DERs with active management, monitoring, and without visibility on the Distribution system.

3. Use Cases

These use cases cover relevant scenarios under which DERs would interact with the electric distribution system. By leveraging the DER management devices' ability to monitor and/or manage the DERs, several beneficial objectives can be achieved in each use case. Throughout the Pilot's implementation, as PPL Electric gains more experience, the Company may revise and refine the details of these use cases, adjust the methodology and approaches, use more advanced tools, and adopt industry best practices. The use cases include:

1. Voltage violation at DER Point of Interconnection ("POC")
2. Voltage violation mitigated by DERs on the circuit
3. Voltage violation during planned switching

4. System restoration
5. Hidden load impact on load forecasting
6. DER management impact on voltage management
7. DER active management impact on hosting capacity increase and deferral of capital upgrade
8. DER operation in emergency conditions and in active work zones

Use cases are further described in Attachment C. The Company will provide its findings and information on these use cases in its annual reports filed with the Commission.

G. PILOT PROGRAM REPORTING

1. Annual Reports Submitted to the Commission

The annual reports will be filed with the Commission at Docket No. P-2019-3010128, providing detailed quantitative information relevant to the evaluation of the results of the Pilot. Annual reports to the Commission will be published at the end of each program year, starting with the end of Program Year 1. The reports will also be made publicly available. Care will be taken to protect customer privacy, so reporting shall not contain any sensitive customer information. The annual reports shall be filed within 30 days following the end of each program year (first report is estimated to be filed in the second quarter of 2022). Reports shall include data in electronic formats that support analysis (i.e., Excel or other machine-readable data where appropriate). Annual reports shall include the information listed below.

(1) The number of DERs installed and the number of each type of DER management device~~s~~ installed

(2) A list of the participating DERs that includes for each DER: (a) a unique customer identifier; (b) the nameplate capacity; (c) the initial settings established for that DER's smart inverter; and (d) the type of DER (e.g., solar, solar plus storage)

(3) Capital costs and expenses associated with the purchase, installation, ownership, and maintenance of the DER management devices

The capital costs will be identified separately for each type of DER management device installed. PPL Electric will begin tracking expenses for each type of DER management device installed effective with the deployment of the IEEE 2030.5 solution in the field. The expenses tracked by the Company for each type of DER management device installed will be reported beginning with the annual report for Program Year 2.

(4) Number of times, locations, and duration for active management

The number of times and the locations at which the Company actively managed each grid support function and the average duration that the function was actively managed.

This would be a summary showing aggregated counts among all customers of:

- Volt/VAR Curve Overrides
- Power Factor Setting Changes
- Ride-through Setting Changes
- Remote On/Off
- Volt/Watt Curve Overrides (where applicable)

(5) Grid benefits achieved for each instance of active management

The grid benefits achieved in each instance of active management, include, but are not limited to, real-time grid constraint mitigation. The Company shall develop the definition and parameters of the grid benefits.

(6) Net generation loss or gain due to active management

The net generation loss or gain due to the Company's active management of grid support functions (defined above) in each instance.

(7) Distribution system upgrades avoided due to increased hosting capacity attributed to monitoring

This report will be a comparison of the computed circuit hosting capacity when all DERs are evaluated at nameplate kW only, versus the hosting capacity of each circuit with actual kW output, gained via monitoring (while keeping Grandfathered DERs at nameplate kW).

(8) Distribution system upgrades avoided due to increased hosting capacity attributed to autonomous grid support functions

This report will be a comparison of the computed circuit hosting capacity of each circuit with actual kW gained via monitoring only versus the scenario where those DERs are equipped with autonomous grid support functions (while keeping Grandfathered DERs at nameplate kW).

(9) Distribution system upgrades avoided due to increased hosting capacity attributed to active management

This report will be a comparison of the computed circuit hosting capacity when all DERs are evaluated at nameplate kW only, the scenario without any monitoring or active management, versus the hosting capacity of each circuit with actual kW output gained via active management (while keeping Grandfathered DER at nameplate kW).

(10) System operation comparisons of circuits under autonomous inverter grid support functions versus active management

The comparison will involve DERs on the 75 circuits in Control Group 1, circuits with DERs in Control Group 2, and the circuits with actively managed DERs. This report will be in the form of a voltage metric depicting the performance characteristics between the two groups. Depending on the mix of Grandfathered Group, Control Group, and Actively Managed Group DERs on the remaining circuits, those circuits may need to be segmented to provide an accurate statistical comparison. This reporting will be tracked and maintained manually.

(11) Operational descriptions of how active management was executed and implemented

This report will use data captured in DERMS/ADMS, which identifies any operational issues faced, what kind of active management action was taken, and the resulting system impact(s) and benefit(s) of the action. Additional manually noted information will be provided in this report, as available (e.g., day-ahead and real-time remote setting alterations to DERs).

(12) Performance measures related to active management

This report will address all performance measures related to active management and, where applicable, monitoring, including, but not limited to, communication reliability (e.g., communication uptime) and data quality.

(13) Findings and information on the Company's use cases

This report will provide findings and information on the pilot program's use cases to date, in addition to the data being presented in the annual report.

2. Annual Reports to Individual DER Customers

Within 30 days following the cash-out of the customers' banked excess generation, which typically occurs at the end of each PJM Planning Year, each DER customer whose smart inverter's grid support functions are used by the Company during the annual reporting period will be sent an individualized annual report. The annual report will provide:

(1) The amount of the DER's net generation loss or gain due to the use of the autonomous grid support functions:

- Default Volt/VAR Settings
- Default Voltage Ride-through Settings
- Default Frequency Ride-through Settings

(2) The aggregate amount of all DERs' net generation loss or gain due to the Company's active management of the grid support functions outlined below:

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- Volt/VAR Curve Overrides
- Power Factor Setting Changes
- Ride-through Setting Changes
- Remote On/Off
- Volt/Watt Curve Overrides (where applicable)

(3) The method and technique used to calculate the DER's net generation loss or gain

The Company will provide a description of the method and technique used to calculate the net generation loss or gain for customer reporting.

(4) The number of times each grid support function was used on an automated basis, and the average duration of that function's automated use

(5) The number of times that PPL Electric actively managed each grid support function, and the average duration that the function was actively managed

(6) Volt/VAR Curve Override Table

For the events where a Constant Power Factor is temporarily used to override an existing Volt/VAR curve, the customer's annual report will show the existing Volt/VAR curve, the Power Factor that was temporarily used, and the duration of the event. For the events where a new Volt/VAR curve is issued, the new curve will be included in the report.

3. Data on Program Performance

Within 30 days after the end of each program year, PPL Electric will provide the following data on an anonymous basis to the Sustainable Energy Fund ("SEF"):

(1) Raw DER Data – 15-minute interval data for participants (delivered kWh, received kWh, RMS voltage).

(2) DER Management Data – 15-minute inverter data for participants (kW and voltage).

PPL Electric will use generic but unique identifiers for each customer to anonymize the customers' names and account numbers when providing the data to SEF.

H. CUSTOMER AND INSTALLER INFORMATION

Customers and installers who are pursuing or are interested in learning more about installing DERs on the PPL Electric distribution system are able to find information and instructions about the updated interconnection process on PPL Electric's external Rules for Electric Meter and Service Installations ("REMSI") website and also on the PPL Electric's Renewable Energy Connection Portal. The frequently asked questions ("FAQs") section on the REMSI website has been updated to include impacts and details for the Pilot and appropriate PPL Electric contact information.

On an annual basis during the Pilot, customers whose inverters' settings are actively managed during the Pilot will receive the individualized annual reports outlined in Section II.G.2, *supra*. Customers, or the installers who are installing the DERs, will be notified by the Company, via a phone call, regarding coordination of a PPL Electric representative installing the DER management device.

Also, ~~in March or April~~on May 13, 2021, PPL Electric ~~will be launching~~launched a new webpage specifically for DER Management. This new webpage ~~will act~~acts as the main "hub" with easily located information or hyperlinks to pertinent information on DER Management, including, but not limited to, material pertaining to DER management as a whole, Volt/VAR and Ride-through setting guidelines, approved installation sketches, frequently asked questions, the Pilot ~~Implantation~~Implementation Plan, and the approved inverter list.

Attachment A

Excluded Distribution Circuits

To preserve the integrity of the 75 distribution circuit control group, the Pilot will not include any of the following 12 distribution circuits, due to the presence of remotely managed DERs (e.g., participants in PPL Electric's Keystone Solar Future Project) and/or similar Company-owned facilities (e.g., batteries) on these distribution circuits during the term of the Pilot:

(1) Leola No. 3 Distribution Circuit
(2) Leola No. 5 Distribution Circuit
(3) Prince No. 2 Distribution Circuit
(4) South Akron No. 4 Distribution Circuit
(5) Cocalico No. 1 Distribution Circuit
(6) Letort No. 1 Distribution Circuit
(7) Letort No. 2 Distribution Circuit
(8) Buck No. 3 Distribution Circuit
(9) East Petersburg No. 1 Distribution Circuit
(10) Newport No. 1 Distribution Circuit
(11) Crackersport No. 2 Distribution Circuit
(12) Renovo No. 2 Distribution Circuit.

Attachment B

Pilot Milestones with Program Year 1 Commencing ~~July 2021~~March 2022

Key timeline and milestones of the Pilot implementation ~~is~~ are provided below based on the March 22, 2022 start date of Program Year 1. ~~This includes an assumption that Program Year 1 will start in the third quarter of 2021. In the event that DER adoption is slower or faster, the three-year schedule will be adjusted accordingly.~~

1. December 1, 2020 – Inverter List Published on REMSI
2. December 17, 2020 – Commission Order Approving the Settlement
3. January 1, 2021 – Day 1 of Pilot
4. January 19, 2021 – File the Pilot Implementation Plan
5. January 28, 2021 –Technical Collaborative
6. February 8, 2021 – Other Parties' Comments Due

~~7. March 1~~February 10, 2021 – ~~File the Revised Pilot Implementation Plan (if necessary)~~

~~8. June 30, 2021 – 30 days after PJM Calendar Year, First Annual Reports to Customers~~

~~9. July 2021 – Estimated start date of Program Year 1~~

~~-~~7. Control Group 1 Established ~~with Circuits 1 to 75~~

~~– Control Group 2 Established with DERs 1 to 1,000 Installed~~

~~10. January 1, 2022 – New DERs have inverters certified with IEEE 1547.1 / UL 1741 SB~~

~~11.~~8. ~~June 30~~March 22, 2022 – ~~Second Annual Reports to Customers~~Start date of Program Year 1

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9. ~~End of Program Year 1,~~ June 30, 2022 – 30 days after PJM Calendar Year, First Annual Reports to Customers

10. January 1, 2023 – New DERs have inverters certified with IEEE 1547.1 / UL 1741 SB

~~12.~~11. April 21, 2023 – First Annual Report to Commission

~~13.~~ June 30, ~~2023 – Third Annual Reports to Customers~~

12. ~~End of Program Year 2,~~ 2023 – Second Annual Reports to Customers

~~14.~~13. April 21, 2024 – Second Annual Report to Commission

~~15.~~14. Simultaneously with End of Program Year 2, ~~2023~~2024 – Potential Petition Filing

~~16.~~15. June 30, 2024 – ~~Fourth~~Third Annual Reports to Customers

~~17.~~16. ~~End of Program Year 3, 2024~~April 21, 2025 – Third Annual Report to Commission

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Attachment C

Use Cases

1. Voltage Violation at DER Point of Interconnection

DERs can sometimes exacerbate voltage violations on the network. Currently, there is no real time visibility for the grid operator of the voltage level at the physical location of all DERs. As a result, often the grid operator might not be aware of a voltage violation caused or exacerbated by a DER in a timely fashion, and, if they do notice a voltage violation on the network, there is no way to identify which DER is the cause of the issue. Monitoring capability and an alarm system at a DER location can certainly provide visibility that is needed but missing.

If a violation is identified on a particular DER, currently the only way to act on the issue is to contact the DER operator and request action from them. In some cases, PPL Electric staff will need to be sent on-site, which is time consuming and resource intensive. Active management capability will enable speedy response to the issue and save cost and resources by avoiding sending field personnel to be physically present at the location.

For Monitored DER customers, the Company will be able to identify voltage violations at particular DER locations remotely and will be able to come up with mitigation strategies. For Actively Managed DER customers, the Company will be able to identify the voltage violation and actively manage the DER to attempt to eliminate the voltage violation.

For the Grandfathered Group, the Company will record voltage violations (counts and violation level) using non real-time AMI voltage data. For Control Groups 1 and 2, the Company will record voltage violations using the DER information available from monitoring these customers. For the Actively Managed group, the Company will capture any event where DER settings are adjusted to mitigate voltage issues at the DER point of interconnection.

The Company will analyze the impacts and interaction in voltage management among DERs across the defined customer groups. The Company will also record all field trips needed and those avoided to resolve voltage violations and will calculate the cost savings resulting from fewer trips.

2. Voltage Violation Mitigated by DERs on the Circuit

DER interconnections can exacerbate voltage fluctuations particularly if there are numerous DERs on a single circuit. With additional DERs coming on the system, the voltage violations could be extreme, and, without visibility, PPL Electric's operators and planners will be challenged to manage the system reliably and safely.

For the Actively Managed DER customers, PPL Electric will identify and capture scenarios where DERs may be utilized to alleviate the voltage violations via active management of the DER settings. For the Monitored DER customers, PPL Electric will capture and review events where DERs are using autonomous grid support functions to mitigate voltage issues and will study their overall impact on circuit voltage.

3. Voltage Violation During Planned Switching

During planned switching, when loading and/or network topology changes, DERs can cause network violations. Although some violations can be addressed by changing settings at voltage regulation equipment, sometimes violations would require changes at the customer level, such as requiring DERs to stay offline during the switching. With DER monitoring, the Company has more accurate data to predict the impact of DERs during the switching. With active management, DERMS/ADMS and operators can respond to and mitigate the violation by changing the DERs' settings.

The analysis will be performed prior to execution of the planned switching. The analysis will utilize historically collected data at both the monitored and actively managed DERs on the

circuit(s) to design mitigation strategies if violations would exist during the planned switching period. The Company will decide and document if DERs need to switch from the default Volt/VAR mode to Constant Power Factor during the planned switching, or if a revised default Volt/VAR curve shall be temporarily issued.

During the switching period, the Company will also utilize its Load/Voltage Management program within the DERMS/ADMS to manage the actively managed DERs that are in Constant Power Factor mode.

4. System Restoration

When an outage occurs, all the DERs on the circuit shall automatically switch off to avoid unintentional islanding. When the restoration is complete, the load that will need to be brought back online is larger than the load level under normal operating conditions because the load normally served by the DER will now need to be sourced by the Company's network ("hidden load"). By being aware of the actual amount of hidden load, restoration can be planned to accommodate the total load (apparent + hidden) and dramatically reduce the risk of conductor overload and equipment damage during restoration. Monitoring capability at the DER will provide the critical information on the actual amount of hidden load on the circuit and guide the grid restoration with more visibility. Analysis will be based on the voltage level and circuit loading level recorded in the log after the restoration of circuits with different DER customer groups (Grandfathered Group, Control Groups 1 and 2, and Actively Managed Group). If the information is not clearly portrayed in the log, the Company will perform simulation studies as needed without taking the hidden load into consideration and compare the difference between loading levels with or without the hidden load.

5. Hidden Load Impact on Load Forecasting

Distribution planning reviews the load data for all distribution circuits routinely (during customer load and generation application analysis. During this planning review, the circuit/substation overload risks are evaluated with hidden load considered. Hidden load is the amount of load on a circuit that is masked by distributed generation making the perceived kilovolt-ampere ("kVA") value appear to be lower than it is. System investments are developed based on the outcome of the load forecasting. To compensate for the hidden load, the system may be studied with all DER off-line, as it depicts a scenario where the distribution system must carry the full load without DERs. This makes the analysis less accurate, which may result in unnecessary or less timely system investments. DERs in the Pilot with monitoring and active management capabilities will improve the load model accuracy and decrease circuit/substation overload risk, which could defer the need for system investment.

6. DER Management Impact on Voltage Management

With DER monitoring, the accuracy of voltage profile studies will improve. Having more voltage data points will eliminate assumptions made today and will provide a more accurate voltage profile and allow for timelier and more prudent system upgrades with DER active management through DERMS/ADMS. Also, more voltage support functions will be available, and system investments for upgrading voltage management equipment, such as voltage regulators and capacitor banks, can be avoided. DER management and Volt/VAR curve will also be implemented in the power flow modeling process when applications are reviewed by the Planning team and will directly save the cost of reinforcements to the customer by being able to alleviate voltage violations through the use of smart inverters.

The DER data generated will be utilized by the Planning team to conduct studies and compile a list of voltage violations alleviated through DER monitoring, autonomous grid support

functions, and active management. Planning will use this information and perform power flow and voltage studies to determine reinforcements that would have been required to prevent these voltage violations. A cost-saving estimation will be compiled for each DER management category.

7. DER Active Management Impact on Hosting Capacity Increase and Deferral of Capital Upgrade

Hosting Capacity is the amount of Distributed Generation that can be added to the distribution system before load or voltage violations occur or system upgrades are required for safe and reliable DER integration. With DER monitoring enabled, the actual DER generation information will be used to identify the available hosting capacity, rather than using DER kW nameplate ratings. Knowing that DER actual generation is always smaller or equal to its nameplate rating, the hosting capacity of the distribution system will increase if the actual generation information is used.

The impact analysis will consist of conducting two hosting capacity studies (also known as integration capacity studies) on PPL Electric's network in power flow simulation platform using: (1) DERs' nameplate rating (kW, kilovolt-ampere reactive ("kVAR"), kVA); and (2) DERs' actual generation info (kW, kVAR, kVA) obtained from smart inverters. The hosting capacity at node level, circuit level, and system level will be obtained in both studies and compared together to investigate hosting capacity improvement attributed to the following comparison scenarios:

i. Monitored DERs versus Grandfathered DERs
ii. Autonomous DERs versus Grandfathered DERs
iii. Actively Managed DERs versus Grandfathered DERs

In addition, capital upgrades may be required for new DER interconnection applications, due to limited hosting capacity calculated based on existing DERs' nameplate ratings. The hosting

capacity obtained from actual DER generation info of monitored DERs is used to investigate avoided/deferred capital investments attributed to the comparison scenarios mentioned above.

8. DER Operation in Emergency Conditions and in Active Work Zones

When there is a reported fire, gas leak, or down conductor, field personnel may be needed to clear the issue. The network in the affected part of the distribution system will be de-energized for the safety of the Company's employees and the general public. Through monitoring of DERs, the team can identify all DERs in the active work zone and verify their status (on or off), and through active management, the Company can turn off the DERs remotely when they do not safely isolate from the distribution system. As a result, safety risks during field work will be greatly mitigated.

In addition, in a fire situation in which the fire chief requests a house to be de-energized, the house can be disconnected from the grid at the meter point by the Company remotely. If there is a behind-the-meter DER on site, the Company can monitor whether the DER turns off as required. With monitored DERs, the Fire Department can be notified if the DER is still in operation. The actively managed DERs can be turned off remotely if the DER does not safely isolate from the distribution system on its own. This will increase the certainty of de-energizing and as a result, increase the overall safety level.

The Company will record the number of DERs in active work zones and the number of DERs that require remote management, as the data and time permit. The Company will also record the costs and benefits to the safety measurements through monitoring and/or actively managed DERs.

As previously stated, in accordance with Paragraph 59 of the Settlement, PPL Electric will only use the Remote On/Off function on battery storage or solar systems that have not safely

isolated or ‘islanded’ from the distribution system: (1) in emergency situations, such as a gas leak or fire in the vicinity of the DER; or (2) during a power outage.

Attachment D

Due Consideration of Other Parties' Comments

Under Paragraph 61 of the Settlement, PPL Electric agreed to give due consideration to the Joint Petitioners' written Comments. However, the Company retained the ultimate discretion to accept or reject the Joint Petitioners' feedback in its Pilot Implementation Plan. If any changes were made to the Pilot Implementation Plan based on the Joint Petitioners' feedback, PPL Electric would file a revised Pilot Implementation Plan at this docket within 20 days after the deadline for the Joint Petitioners' Comments.

In compliance with Paragraph 61 of the Settlement, PPL Electric reviewed and gave due consideration to the Joint Petitioners' Comments. Sunrun, who was not a Joint Petitioner, also filed Comments on the Pilot Implementation Plan. Although not obligated to consider Sunrun's Comments under the Settlement, PPL Electric nevertheless reviewed and gave due consideration to those Comments as well.

PPL Electric appreciates the other parties' feedback on the Pilot Implementation Plan. As seen in the first revised Pilot Implementation Plan, and as explained further in this Attachment D, the Company incorporated some of the recommendations proposed by the parties. As a result, PPL Electric determined that it needed to file ~~a~~its first revised Pilot Implementation Plan. In the following sections, PPL Electric summarizes and responds to certain of the parties' Comments.

I. OTHER PARTIES' COMMENTS

A. SEF'S COMMENTS

SEF contends in its Comments that PPL Electric "misrepresents the objective of the DER Management Pilot Program," believing that the purpose is to determine the cost and benefits to ratepayers, not PPL Electric. (SEF Comments, pp. 1-2.)

The Company disagrees with SEF's characterization. The pilot program's objectives are clearly outlined in Paragraph 54 of the Settlement, which states that the pilot program will "test and evaluate: (1) the costs and benefits to distribution system operation and design of *monitoring* DERs through devices connected to inverters as compared to maintaining distribution system status visibility through other means (e.g., automated meter reading equipment, ADMS systems, modeling); and (2) the costs and benefits to distribution system operation of *active management* of DERs as compared to the benefits available through the use of inverter autonomous grid support functions." (Settlement ¶ 54.) Nothing in the Pilot Implementation Plan alters those fundamental objectives. Moreover, costs and expenses incurred by PPL Electric are sought for recovery from the Company's ratepayers, and benefits to PPL Electric's electric distribution service are experienced by its ratepayers, who ultimately receive that service. Therefore, PPL Electric views SEF's characterization as a distinction without a difference.

In addition, SEF argues that the pilot should be delayed "until PPL Electric approves more inverters representing a more significant market share." (SEF Comments, p. 3.) SEF states that "[a]s of the recent conference call among the parties in this proceeding, PPL Electric has yet to solve the technical issues in communicating with Enphase inverters." (SEF Comments, p. 2.) As for SolarEdge, according to SEF, "the Solar Edge inverters approved by PPL Electric are incomplete," as the Company "only approved the H-US series of inverters designed for residential systems and the KUS inverters designed for 3-phase systems." (SEF Comments, p. 2.) SEF states that "[f]or residential customers alone, the approval does not include the H-RW, M-RW, and K-RW series inverters." (SEF Comments, p. 2.) SEF raises concerns about the inverters' approved for use in the Company's service territory and the potential impact on solar developments. (SEF Comments, pp. 2-3.)

PPL Electric has resolved the concerns regarding the IEEE 2030.5 inverters, such as the microinverters used by Enphase. With the agreement of the other parties, until the IEEE 2030.5-compatiable DER Management device is available, PPL Electric will permit DERs using Company-tested and validated IEEE 2030.5 inverters to interconnect and not be subject to the pilot program. Subsequently, once the IEEE 2030.5-compatible DER Management device becomes available, any new DER interconnection applications that will use an IEEE 2030.5 inverter would be included in the pilot program. This practice is consistent with Paragraph 56 of the Settlement, which states that "the Company shall not deny or delay the permission to connect and operate a DER due to unavailability of DER management devices" and that "[a]ny DER not equipped with a DER management device for this reason shall not be part of the pilot program." (Settlement ¶ 56.) Nevertheless, effective January 1, 2021, the Settlement requires new DERs interconnecting with the Company's distribution system to have smart inverters installed that meet: (1) UL 1741 SA; and (2) the Company's testing for the communications requirements under IEEE 1547-2018. (Settlement ¶ 48.) Therefore, PPL Electric must still test those inverters and validate that they meet those requirements before they can be installed in the Company's service territory.

SEF's concerns about the inverter approvals have either been addressed or lack merit. PPL Electric completed the testing and validation of Enphase's IEEE 2030.5 inverters on February 25, 2021. Thus, interconnection applications using those inverters can now be submitted on PPL Electric's web portal. As a result, SEF's concerns about the testing of Enphase's IEEE 2030.5 inverters are moot. Moreover, PPL Electric confirmed with SolarEdge that the Company tested and validated all of the inverter models currently offered by SolarEdge. The inverter models listed by SEF in its Comments are not SolarEdge models. Consequently, SEF's allegations about the testing and validation of SolarEdge's inverters lack merit.

SEF also raised concerns about the Remote On/Off function regarding solar plus storage installations. (SEF Comments, p. 3.) SEF believes that modifications to "the use cases for system restoration and DER operation in emergency conditions and in active work zones" should "be reviewed with the parties in this proceeding prior to implementation." (SEF Comments, p. 3.) SEF continues to believe that under the DER Management Plan, "PPL Electric could modify its approach to shut-down inverters appropriately disconnected from the distribution system," which "could endanger the life of ratepayers that utilize energy storage systems to provide uninterrupted service in the event of the failure of PPL Electric's distribution system." (SEF Comments, p. 3.) Although "SEF fully understands PPL Electric's concern for the safety of its workers," SEF asserts that "these workers can still be provided safe access to the distribution circuits without unnecessarily endangering the lives of ratepayers who may be using solar plus storage to power durable medical equipment." (SEF Comments, p. 3.)

To be clear, PPL Electric will adhere to Paragraph 59 of the Settlement, which states that the Company "will only use the Remote On/Off function on battery storage or solar systems that have not safely isolated or 'islanded' from the distribution system: (1) in emergency situations, such as a gas leak or fire in the vicinity of the DER; or (2) during a power outage." (Settlement ¶ 59.) Therefore, SEF's concern that PPL Electric may "shut-down inverters appropriately disconnected from the distribution system" is without merit. Remote On/Off will only be used for systems that "have not safely isolated or 'islanded' from the distribution system" and only in the circumstances set forth in Paragraph 59 of the Settlement. Nonetheless, PPL Electric has added language to the Pilot Implementation Plan's eighth use case to make this well-established point clearer. (*See* Pilot Implementation Plan, Attachment C, pp. 6-7.)

B. OCA'S COMMENTS

In its Comments, the OCA asserted that "[m]itigation or deferral of DER-related system upgrades can be achieved through numerous smart inverter related use cases that require various technological capabilities. Therefore, it is critical that the Company collect sufficient information to further inform these possibilities and potential solutions." (OCA Comments, p. 3.)

PPL Electric agrees and has designed its use cases not only to "further inform these possibilities and potential solutions" but potentially achieve system upgrade deferrals during the pilot program.

The OCA also commented on the data collection of energy storage systems, stating that "it is unclear as to whether, or what, energy storage related data the Company will collect through the Pilot Program." (OCA Comments, p. 3.) The OCA claims that "it is unclear whether the Company will be able to capture the existence of energy storage systems on PPL's system and separately evaluate the characteristics of these devices." (OCA Comments, p. 3.) Further, the OCA notes that "energy storage charging tariffs have been proposed in different districts throughout the country." (OCA Comments, pp. 3-4.) "While it is unclear whether PPL has grid connected storage or whether the Commission would consider a charging tariff reasonable at this time," the OCA believes that "collecting data on energy storage systems for the purpose of understanding cost causation is reasonable." (OCA Comments, p. 4.) Therefore, the OCA recommends that PPL "collect energy storage related data and specify how it will collect and share this information within the Pilot Program" and that, "[a]t a minimum, PPL should track and provide energy storage data as a separate load profile." (p. 4.)

PPL Electric will collect the same data from all DERs that are participating in the pilot program. Energy storage data will not be treated any differently. Therefore, for solar plus storage DERs, PPL Electric will collect the same data that the Company collects from any other DER

participating in the pilot program. As for the OCA's Comments about charging tariffs and developing a separate load profile for storage, PPL Electric views these issues as outside the scope of the pilot program. As stated previously, PPL Electric is committed to test and evaluate: (1) the costs and benefits to distribution system operation and design of *monitoring* DERs through devices connected to inverters as compared to maintaining distribution system status visibility through other means (e.g., automated meter reading equipment, ADMS systems, modeling); and (2) the costs and benefits to distribution system operation of *active management* of DERs as compared to the benefits available through the use of inverter autonomous grid support functions. (Settlement ¶ 54.) However, in its annual reports, PPL Electric will be indicating the type of DER installation for each of the participating systems (e.g., solar plus storage). Thus, the OCA will be able to analyze data about solar plus storage systems participating in the pilot program.

Further, the OCA "strongly supports the evaluation of" the active network management ("ANM") use case and "appreciates PPL clearly articulating the use [case] in the Pilot" because it can "be an exceptionally cost-effective approach to increasing hosting capacity and deferring system upgrades related to DERs." (OCA Comments, pp. 4-5.) The OCA recommends that PPL Electric "consider tracking cost causative characteristics of DER export, which will provide interested stakeholders information concerning the qualities of DERs that can cause costs to be incurred by the Company, that may otherwise be avoided through the use of PPL's Distributed Energy Resource Management System (DERMS)." (OCA Comments, p. 5.)

PPL Electric will be reporting the distribution system upgrades that were avoided with DER monitoring and remote active management. Although not intended for evaluation of ANM cases, PPL Electric believes that this reporting will provide a good foundation for the stakeholders to conduct such an evaluation.

The OCA also argues that the "cost-effectiveness of PPL's DER Management Device could be highly dependent on the size of DER that the Company monitors and controls." (OCA Comments, p. 6.) As a result, the OCA recommends that "PPL, to the extent possible, attempt to collect data and conduct analysis to investigate this issue." (OCA Comments, p. 6.)

PPL Electric will collect and report on the nameplate capacities of the DERs participating in the pilot program. In its annual reports, PPL Electric will provide the nameplate capacity of each participating DER. This will enable the stakeholders, including the OCA, to analyze the data based on specific nameplate capacities of the DERs. However, PPL Electric does not believe that a specific use case needs to be developed to analyze the impact of the DER's size on the cost-effectiveness of the DER Management device. The stakeholders will be able to disaggregate and analyze the annual reports' data by system size, thereby enabling them to perform their own evaluation. Nevertheless, PPL Electric's planned use cases are subject to change, and the Company may ultimately analyze the impact of the DER's size on cost-effectiveness, either as a separate use case or within the currently planned use cases.

C. NRDC'S COMMENTS

In NRDC's Comments, NRDC raises a series of concerns about inverter testing and compatibility issues, namely SolarEdge's inverters and the IEEE 2030.5 inverters, such as the microinverters manufactured by Enphase. (NRDC Comments, pp. 2-6.) NRDC agrees with PPL Electric's plan to address the incompatibility of IEEE 2030.5 inverters with the Company's DER Management device, under which: (1) until the IEEE 2030.5-compatiable DER Management device is available, PPL Electric will permit DERs using Company-tested and validated IEEE 2030.5 inverters to interconnect and not be subject to the pilot program; and (2) once the IEEE 2030.5-compatible DER Management device becomes available, any new DER interconnection applications that will use an IEEE 2030.5 inverter would be included in the pilot program. (NRDC

Comments, p. 5.) NRDC states, however, that "the Company should clarify the reasons for the incompatibility between a smart inverter that appears to clearly meet the interim standards and the ConnectDER device, and explain what actions it is taking to ensure that similar issues do not arise with other smart inverters that meet the interim standards." (NRDC Comments, p. 5.) NRDC also suggests providing more detail on whether the delays with the Enphase inverters is manufacturer-specific or a broader issue. (NRDC Comments, p. 5.) Furthermore, NRDC recommends that PPL "undertake efforts to ensure that other inverter manufacturers are aware of the issue of ConnectDER compatibility with IEEE 2030.5 and the temporary exemption to install affected inverters outside the pilot program." (NRDC Comments, pp. 5-6.)

As noted by NRDC, the concerns raised specifically to SolarEdge are moot because the list of approved smart inverters now includes SolarEdge's inverters. (NRDC Comments, p. 3.) Moreover, as explained in Section II.A., *supra*, PPL Electric completed testing and validating Enphase's IEEE 2030.5 inverters on February 25, 2021, and interconnection applications using those inverters can now be submitted. Therefore, the inverter testing issues raised by NRDC have been addressed.

Regarding the IEEE 2030.5 inverters' incompatibility with PPL Electric's DER Management device, PPL Electric clarifies that the incompatibility issue is only limited to inverters that use IEEE 2030.5 as the sole communication protocol. Per IEEE 1547-2018, inverters should be able to support one of the three communication protocols: DNP 3, SunSpec Modbus, or IEEE 2030.5, as specified by the electric distribution company. Before filing the DER Management Petition, PPL Electric surveyed and researched the inverter industry and determined that the majority of the inverter manufacturers use SunSpec Modbus and DNP 3. Thus, PPL Electric's current DER Management device was designed, tested, and implemented to support these two

protocols. IEEE 2030.5 is the newest of the three communications protocols, and PPL Electric is actively working on a DER Management device solution that will resolve the incompatibility issue. Although PPL Electric believes that many of the issues encountered with testing and validating Enphase's IEEE 2030.5 inverters were manufacturer-specific, the incompatibility with the current DER Management device applies to all IEEE 2030.5 inverters. As such, PPL Electric will update its solar inverter and other PPL Electric webpages to help make manufacturers, solar installers, customers, and other stakeholders aware of the incompatibility issue and how customers using tested and validated IEEE 2030.5 inverters will not be a part of the pilot program until PPL Electric has a compatible DER Management device available and ready to be used.

Next, NRDC states that PPL Electric should limit the use of "bespoke inverter settings" in the Control Groups' DER installations. (NRDC Comments, pp. 7-8.) According to NRDC, "the spirit of the pilot would be better served by using utility default inverter settings in as widespread a fashion as practicable." (NRDC Comments, p. 7.) "While it may be the case that locational and other factors may favor departing from default settings in particular circumstances (e.g., larger DER systems)," NRDC believes that "even then the establishment of default settings will provide valuable lessons about the extent of any limitations with a default setting-centered approach." (NRDC Comments, p. 8.)

PPL Electric generally disagrees with NRDC's suggestion. PPL Electric already will be tracking and reporting the initial settings of each DER participating in the pilot. Moreover, PPL Electric developed its Volt/VAR settings in a manner consistent with IEEE standards, i.e., maintaining power factor no lower than +/- 90%. Leveraging Volt/VAR curves which are calculated based on the DER's specific location and size provides the required granularity for distribution system stability. Due to the varied nature of PPL Electric's distribution system, which

goes from very urban, short distribution feeders with a high short circuit duty to very rural, long, distribution feeders with a low short circuit duty, the use of a default curve would result in some DERs absorbing or injecting VARs unnecessarily. DERs close to a substation should expect to see a voltage on the higher side of the acceptable range due to its proximity to the source just as DERs that are far from the substation should expect to see a voltage lower in the acceptable range. Use of strict, uniform default settings would necessitate more active management for DERs not in one of the Control Groups and would potentially lead to voltage issues on feeders within the control groups.

Also, PPL Electric has a statutory duty to all of its customers to provide safe, reliable, and adequate electric distribution service. *See* 66 Pa. C.S. § 1501. PPL Electric will not turn a blind eye and allow a DER to interconnect with suboptimal default settings, which, as described previously, could negatively affect the Company's electric distribution service.

Regarding the annual reports, NRDC recommends that the annual reports include information on PPL Electric's review of use cases, specifically "narrative interim assessments," not just data, and that the Company clarify this point in its Pilot Implementation Plan. (NRDC Comments, pp. 8-9.) NRDC also recommends that the annual reports include: (1) all initial inverter settings, including data allowing for regional comparative analysis; (2) the customer's feeder line; and (3) an actual analysis of DER system size, not only the details of the DERs' nameplate capacities. (NRDC Comments, pp. 9-11.)

As stated on pages 16 and 19 of the revised Pilot Implementation Plan, PPL Electric's annual reports will provide findings and information of these use cases. Moreover, PPL Electric will include each participating DER's initial inverter settings and nameplate capacity. However, PPL Electric will not provide each DER's feeder line in a publicly-available annual report. In the

Company's experience, customers are very concerned about their privacy, especially when it comes to details about their electric usage, generation, and DER systems. If PPL Electric provides the feeder line for each participating DER along with all of the other information being presented in the annual reports, the Company cannot guarantee that the customer's identity will be shielded from public view.

Lastly, NRDC makes a series of recommendations about making program documents available to the public. Specifically, NRDC recommends that "all pilot documentation . . . be made available on a dedicated webpage accessible through the . . . Company's Renewable Energy webpage." (NRDC Comments, p. 11.) NRDC believes that the REMSI website was designed with installers in mind, so it may not be an easily navigable resource for some stakeholders. (NRDC Comments, pp. 12-13.) NRDC also appreciates the Company's willingness to put the default setting ranges from PPL Electric Exhibit SS-1R on its REMSI website. (NRDC Comments, p. 12.) Additionally, NRDC seeks clarification on where the "frequently asked questions" appears on PPL Electric's website. (NRDC Comments, p. 13.)

PPL Electric will be launching a new webpage specifically for DER Management, including the pilot program. This new webpage will go live in March or April 2021 and will serve as the main "hub" with easily located information or hyperlinks to pertinent information on DER Management, including, but not limited to, material pertaining to DER management as a whole, Volt/VAR and Ride-through setting guidelines, approved installation sketches, frequently asked questions, the Pilot Implementation Plan, and the approved inverter list. PPL Electric intends for this new webpage to address many, if not all, of NRDC's recommended changes to the Company's website.

D. SUNRUN'S COMMENTS

In its Comments, Sunrun raises issues concerning the Company's testing of inverters, particularly IEEE 2030.5 inverters, and recommends that either: (1) "interconnection should not be delayed for inverters that meet UL 1741 SA and IEEE 1547-2018 standards but are pending PPL testing; or (2) "Pilot Program implementation as a whole should be delayed until PPL demonstrates that its DER management device is compatible with a larger number of smart inverters, including smart inverters with IEEE 2030.5 communication protocols." (Sunrun Comments, pp. 2-4.)

Sunrun's recommendations are unnecessary. As explained previously, PPL Electric has finished testing and validating SolarEdge's inverters and Enphase's IEEE 2030.5 inverters. Therefore, many inverters have been tested and validated by PPL Electric and are now available to be used in the Company's service territory, including the inverter brands that are the most popular in PPL Electric's service territory. Moreover, after consulting with the other parties, including Sunrun, PPL Electric will allow DER installations using tested and validated IEEE 2030.5 inverters to be used in the Company's service territory. Since the Company currently does not have a DER Management device that is compatible with IEEE 2030.5 inverters, such installations will not be part of the pilot program until such a DER Management device is available. PPL Electric believes this is a reasonable approach that will enable the pilot program to continue, while providing the Company more time to develop a solution that will enable DERs using IEEE 2030.5 inverters to participate in the pilot program.

In addition, Sunrun supports revising the Pilot Implementation Plan to include clarifying language about PPL Electric's use of the Remote On/Off function. (Sunrun Comments, p. 4.) Sunrun also states that PPL Electric "should be able to differentiate DERs which have storage from

those which do not, as to more effectively utilize remote on/off technology only when it should be used per the Settlement." (Sunrun Comments, p. 4.)

As stated previously and in the revised Pilot Implementation Plan, PPL Electric only will use the Remote On/Off function in compliance with Paragraph 59 of the Settlement. That is, the Company "will only use the Remote On/Off function on battery storage or solar systems that have not safely isolated or "islanded" from the distribution system: (1) in emergency situations, such as a gas leak or fire in the vicinity of the DER; or (2) during a power outage." (Settlement ¶ 59.) Language to that effect has been added to the revised Pilot Implementation Plan. (*See* Pilot Implementation Plan, Attachment C, pp. 6-7.)

PPL Electric Exhibit CD-3

CG 1 Feeders
10103
10601
10902
10904
11402
11506
11603
12101
12305
12403
13102
13104
13602
13705
13802
14103
14304
14402
14503
15102
15406
15801
16204
17101
17803
20402
22501
23101
24004
27701
27702
40503

41001
41401
42803
42901
45001
47402
50503
50504
51601
52003
52006
52201
52203
52204
53101
54101
55103
57003
57106
57603
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58002
58101
58705
59001
59002
59401
60501
60901
60904
61402
61704
63402
64204

64502
65002
65301
66102
66303
67102
67105
67302
67701

PPL Electric Exhibit CD-4

Kimberly A. Klock
Assistant General Counsel

PPL
Two North Ninth Street
Allentown, PA 18101-1179
Tel. 610.774.5696 Fax 610.774.4102
KKlock@pplweb.com

SHAREPOINT

April 22, 2024

Rosemary Chiavetta, Secretary
Pennsylvania Public Utility Commission
Commonwealth Keystone Building
400 North Street, 2nd Floor North
Harrisburg, PA 17120

RE: Petition of PPL Electric Utilities Corporation for Approval of Tariff Modifications and Waivers of Regulations Necessary to Implement its Distributed Energy Resources Management Plan
Docket No. P-2019-3010128

Dear Secretary Chiavetta:

Enclosed for filing on behalf of PPL Electric Utilities Corporation (the "Company") is the 2024 DER Management Report, which is being filed pursuant to the Recommended Decision issued November 17, 2020 in the above-captioned proceeding.

Due to their large size, both the PDF of the 2024 DER Management Report and the Excel files of the data sets referenced within the report are being filed via the Secretary's SharePoint site. For the parties on the Certificate of Service, the Company will serve the report and appendices via a OneDrive site established for file sharing.

Pursuant to 52 Pa. Code § 1.11, the enclosed document is to be deemed filed on April 22, 2024, which is the date it was filed electronically using the Secretary's SharePoint site.

If you have questions, please do not hesitate to contact me.

Respectfully submitted,

Kimberly A. Klock

Enclosure

cc via email: Certificate of Service
Joe Sherrick, Bureau of Technical Utility Services

CERTIFICATE OF SERVICE

(Docket No. P-2019-3010128)

I hereby certify that true and correct copies of the foregoing have been served upon the following persons, in the manner indicated, in accordance with the requirements of § 1.54 (relating to service by a participant).

VIA SHARE FILE

Darryl A. Lawrence, Esquire
David T. Evrard, Esquire
Office of Consumer Advocate
555 Walnut Street
Forum Place, 5th Floor
Harrisburg, PA 17101-1923
Email: dlawrence@paoca.org
Email: devrard@paoca.org
Office of Consumer Advocate

Andrew J. Karas, Esquire
Emily A. Collins, Esquire
Fair Shake Environmental Legal Services
647 E. Market Street
Akron, OH 44302
Email: akaras@fairshake-els.org
Email: ecollins@fairshake-els.org
Natural Resources Defense Council

Adam E. Gersh, Esquire
Flaster Greenberg P.C.
1717 Arch Street, Suite 3300
Philadelphia, PA 19103
Email: adam.gersh@flastergreenberg.com
Sunrun Inc.

Beren Argetsinger, Esquire
Keyes & Fox LLP
PO Box 166
Burdett, NY 14818
Email: bargetsinger@keyesfox.com
Sunrun Inc.

Judith D. Cassel, Esquire
Micah R. Bucy, Esquier
Hawke, McKeon & Sniscak LLP
100 North Tenth Street
Harrisburg, PA 17101
Email: jdcassel@hmslegal.com
Email: mrbucy@hmslegal.com
Sustainable Energy Fund

Date: April 22, 2024

Kimberly A. Klock

PPL Electric Utilities Corporation

2024 DER Management Report

to the

Pennsylvania Public Utility Commission

April 22, 2024

PPL Electric Utilities Corporation ("PPL Electric" or the "Company") hereby submits this annual report for Program Year 2 of its Distributed Energy Resource ("DER") Management Pilot Program ("DER Pilot" or "Pilot"). The DER Pilot is the first of its kind in North America, communicating with and managing DERs down to the individual residential installation level for the purposes of improving power quality, safety, and hosting capacity, expanding operational awareness, and avoiding otherwise necessary capital or maintenance expenses. The DER Pilot's goal is to understand, demonstrate, and quantify the benefits of active management, their associated costs, and the overall impact on distribution system and customers' DER system performance. The Pennsylvania Public Utility Commission's ("Commission" or "PUC") authorization of this program has already yielded significant benefits and will continue to enable the growth of clean energy in Pennsylvania while maintaining system reliability, power quality, and affordability.

The DER Pilot's Program Year 2, which spanned from March 22, 2023, to March 21, 2024, achieved significant progress in the integration and management of DERs pursuant to these goals. Program Year 2 highlights continued success in executing DER interconnection and management processes, along with thorough analysis and documentation of the program's benefits. The distribution grid realized a remarkable cumulative growth in DER adoption within PPL Electric's territory, with 12,590 DER totaling 153.82 MW being interconnected since the DER Pilot's inception. The growth of DER in PPL Energy's territory demonstrated benefits in reliability through the monitoring of DER interconnections minimizing potential negative impacts to the distribution grid. The effective management of DERs by PPL Electric has enhanced grid resilience and reliability, as well as highlighted the value of monitoring and managing these resources. Overall, PPL Electric's DER Management Pilot program in its second year showcases a successful model of integrating DERs in a manageable, scalable manner that benefits the Company, its customers, solar developers, and the Commonwealth.

Specifically, based on the data gathered through Program Year 2, PPL Electric's DER Pilot has reduced the Company's capital expenditures by approximately $6.60 million and the Company's operation and maintenance expenses by approximately $15.33 million.[1] When compared to the $6.38 million of capital costs and $128,000 of operation and maintenance expenses that the DER Pilot has cost to date, the DER Pilot has produced substantial benefits compared to its costs. In fact, the DER Pilot has improved the reliability and performance of the distribution system, increased DER hosting capacity, and facilitated the interconnection of more DERs, all the while reducing the Company's capital costs and expenses that would be passed onto customers. Furthermore, PPL Electric's continued learning and adaptations have allowed additional program savings related to the overall cost of the DER Management device installation and provisioning.

As PPL Electric looks forward, the Company is evaluating new ways to produce benefits through DER management, such as using active management to help the electric distribution system adapt to higher levels of DER penetration in the future, which will produce even more benefits. PPL Electric also has worked to expand the number of inverters that are approved for use in its service territory. Specifically, PPL Electric's approved inverter list includes 241 inverters as of April 22, 2024, from 12 different manufacturers, with more inverters from 8 additional inverters manufacturers in the pipeline, that cover

[1] The DER Pilot has increased hosting capacity by an estimated 29 MW. If that additional 29 MW were fully utilized as of March 21, 2024, it would have produced additional generation and reduced distribution and transmission losses valued at approximately $4.57 million.

the vast majority of inverter manufacturers and inverters that are certified to IEEE 1547-2018 and UL 1741-SB. PPL Electric also reviews and approves inverters expeditiously; within approximately two weeks. Therefore, as new inverters come to market, PPL Electric can review and approve them for use so long as they meet the applicable requirements. Additionally in 2023, PPL Electric deployed its first DER Management device capable of managing inverters that utilize the IEEE 2030.5 communication protocol, further increasing the number of inverters that are compatible with the DER Management device and enabling those DERs to be included in the DER Pilot. Taken together, the high volume of installations and continued availability of many inverter models show PPL Electric's continued commitment to facilitating customer DER interconnections.

PPL Electric's DER Pilot also showcases the significant benefits of active management in achieving dynamic grid optimization. Unlike autonomous systems that operate on predefined rules and have limited adaptability, active management of DERs facilitates real-time operational adjustments. This dynamic approach optimizes grid performance in response to changing conditions, enhancing grid reliability, safety, and affordability. Moreover, actively managed DER systems boast scalability and flexibility because they are capable of being adjusted for growth without the need for extensive in-person reprogramming or physical changes required by autonomous systems.

This active management strategy has yielded notable customer benefits within PPL Electric's program. PPL Electric expects these benefits to grow as more DER Management-enabled devices connect to the distribution system. Key to this success is the implementation of power factor management, which has resulted in shorter durations and lower magnitudes of voltage violations on feeders with actively managed DERs. As more actively managed DERs are incorporated, customer outcomes on these feeders improve in tandem, highlighting the effectiveness of PPL Electric's voltage management approach. Contrasting with the limitations of autonomous curves, which only react to local voltage conditions, PPL Electric's active management of the DERs optimizes all available resources. This improves power quality for customers with minimal impact on the ability for such customers to generate real power, underlining the additional benefits of active management in enhancing grid performance.

PPL Electric's DER Pilot has achieved substantial enhancements in both DER hosting capacity and additional load capacity. This annual report's DER hosting capacity analysis reveals that PPL Electric has unlocked a total of 29 MW of new hosting capacity because of the DER Pilot. 18 MW of the new hosting capacity was the result of monitoring DER production. Additionally, the utilization of PPL Electric's uniquely calculated autonomous volt/var curves contributed 6 MW of new hosting capacity, and the active management of power factor added another 5 MW. These figures are anticipated to rise as the number of actively managed DERs increases on the system. Furthermore, PPL Electric's capability to monitor DER real power production has significantly boosted its capacity to support new load growth. In 2023, an additional 16 MW of distribution capacity was identified, stemming from PPL Electric's enhanced ability to detect hidden load through DER monitoring. This development is crucial as the proliferation of DER and electrification technologies continues. The ongoing application of DER monitoring and management not only effectively improves interconnection capacity but also plays a pivotal role in reducing both infrastructure and interconnection costs for customers. This forward-looking approach emphasizes PPL Electric's commitment to innovatively addressing the evolving needs of the energy grid and its users.

1) The number of DERs Installed and the Number of DER Management Devices Installed

Between March 22, 2023, and March 21, 2024, 6,001 Distributed Energy Resources ("DERs") totaling 81.44 MW were installed on PPL Electric's distribution system and 2,921 DER Management devices were installed.

Of the 2,921 DER Management devices installed:

- 1 was the ConnectDER Generation 1 DER Management Device
- 2,687 were the ConnectDER Bridge
- 233 were the Cellular Gateway

Through the end of Program Year 2, a total of 12,590 DERs with a total size of 153.82 MW were installed on PPL Electric's distribution system. Of these 12,590 new DER installations, 6,878 were eligible for the program and received a DER Management device.

Of the 6,878 DER Management devices installed through the end of Program Year 2,

- 1,033 were the ConnectDER Generation 1 DER Management Device
- 5,612 were the ConnectDER Bridge
- 233 were the Cellular Gateway

In September 2023, PPL Electric began utilizing the Cellular Gateway to communicate with IEEE 2030.5 capable inverters. Before PPL Electric implemented the Cellular Gateway communication platform, applications with inverters which exclusively use the IEEE 2030.5 communication protocol were excluded from the program but allowed to interconnect. In September of 2023, PPL Electric ceased installation of DER Management devices for the remainder of 2023 due to the annual 3,000 device cap, with subsequent system interconnections in 2023 grandfathered as required. These two factors were the primary driver of the difference between the number of DER installed and the number of DER Management devices installed.

2) A list of participating DERs that includes for each DER: (a) a unique customer identifier; (b) the nameplate capacity; (c) the initial settings established for that DER's smart inverter; and (d) the type of DER (e.g., solar, solar plus storage)

A full list of participating DERs, along with the applicable DER attributes and the assigned volt/var curves, has been provided in Appendix A.

For the Pilot Group field, the following group assignments have been applied:

- Group 1: Control Group 1 (Installations on the 75 Control Group 1 Feeders)
- Group 2: Control Group 2 (The first 1,000 installations within the DER Pilot)
- Group 12: Control Group 1 and Control Group 2
- Group AM: Active Management Group

For the volt/var curve parameters listed in this table, specific attributes will adhere to the following conventions:

- Points X1 - X6 correspond to specific voltage values, progressing from low voltage (X1) to high voltage (X6) that define the transition points of the volt/var curve from one slope to a different slope.
- Points Y1 - Y6 correspond to the specific reactive power output values at which the inverter is required to perform for the corresponding voltage measurement transition points.
- An example curve has been provided below for reference.

Figure 1 Example Volt/Var Curve

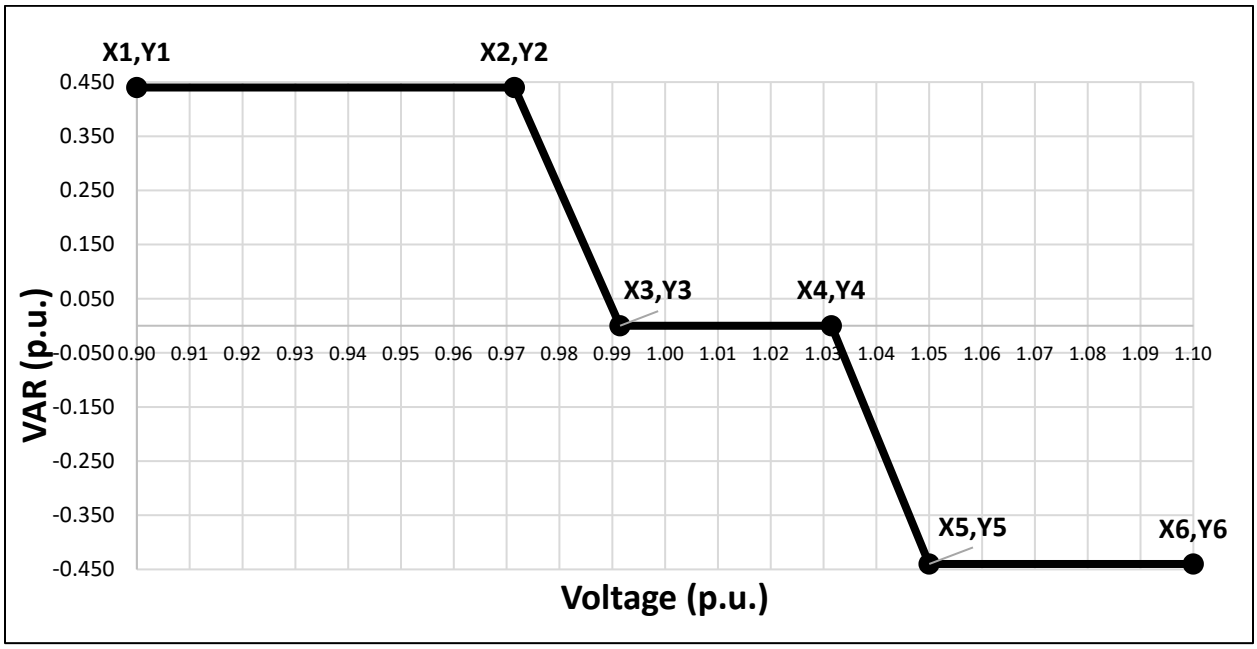

In addition, all participating DERs are programmed with standardized voltage and frequency ride-through values identified within the tables below. In 2023, PPL Electric updated its standard ride-through curve points to improve protective performance and account for limitations on some inverter models, consistent with direction by PJM Interconnection LLC. Following this change, existing active management inverters had their ride-through curves modified. All new installations in both the active management group and Control Group 1 were programmed with these updated ride-through curve points. Installations in Control Group 2 and legacy installations in Control Group 1 did not have their ride-through settings modified.

PPL Electric Standard Ride-Through Curve Points

Table 1 Standard Under Voltage Requirements

Under Voltage Requirements *Shall Ride Through* and *Shall Trip* curves are identical (overlapping) and defined in this table.		
Shall Trip Function	Voltage (p.u. of nominal voltage)	Time (sec)
UV1	0.88	2.1
UV2	0.5	0.6

Table 2 Standard Over Voltage Requirements

Over Voltage Requirements *Shall Ride Through* and *Shall Trip* curves are identical (overlapping) and defined in this table.		
Shall Trip Function	Voltage (p.u. of nominal voltage)	Time (sec)
OV1	1.1	2.1
OV2	1.2	0.2

Table 3 Standard Under Frequency Requirements

Shall Trip – Under Frequency Requirements		
Shall Trip Function	Frequency (Hz)	Clearing Time (sec)
UF1	58.5	301
UF2	56.5	0.2

Table 4 Standard Over Frequency Requirements

Shall Trip – Over Frequency Requirements		
Shall Trip Function	Frequency (Hz)	Clearing Time (sec)
OF1	61.2	301
OF2	62	0.2

Because PPL Electric is not permitted to modify the ride-through settings of existing inverters within Control Groups 1 and 2, there are some systems which still utilize the legacy ride-through settings identified below. All such systems are marked in Appendix A as “Legacy RT”.

PPL Electric Legacy Ride-Through Curve Points

Table 5 Legacy Under Voltage Requirements

Under Voltage Requirements *Shall Ride Through* and *Shall Trip* curves are identical (overlapping) and defined in this table.		
Shall Trip Function	Voltage (p.u. of nominal voltage)	Time (sec)
UV1	0.88	2.0
UV2	0.5	0.5

Table 6 Legacy Over Voltage Requirements

Over Voltage Requirements *Shall Ride Through* and *Shall Trip* curves are identical (overlapping) and defined in this table.		
Shall Trip Function	Voltage (p.u. of nominal voltage)	Time (sec)
OV1	1.1	2.0
OV2	1.2	0.16

Table 7 Legacy Under Frequency Requirements

Shall Trip – Under Frequency Requirements		
Shall Trip Function	Frequency (Hz)	Clearing Time (sec)
UF1	58.5	300
UF2	56.5	0.16

Table 8 Legacy Over Frequency Requirements

Shall Trip – Over Frequency Requirements		
Shall Trip Function	Frequency (Hz)	Clearing Time (sec)
OF1	61.2	300
OF2	62	0.16

3) Capital costs and expenses associated with the purchase, installation, ownership, and maintenance of DER management devices

As of March 21, 2024, the following capital costs and expenses, shown in Table 9 and Table 10, represent the cost for the purchase, installation, ownership, and maintenance of DER management devices within the DER Pilot.

Table 9 Total Program Year 2 Capital Costs

	Pilot Total
Purchase Costs	
ConnectDER Simple Collar	$93,874.00
ConnectDER Generation 1 DER Management Device	$976,370.00
ConnectDER Bridge Device	$3,262,698.53
Cellular Gateway	*$255,601.00*
Sub Total (Purchase)	***$4,588,543.53***
Installation Costs	
ConnectDER Simple Collar	$5,271.00
ConnectDER Generation 1 DER Management Device	$352,212.00
ConnectDER Bridge Device	$1,372,644.00
Cellular Gateway	$58,716.00
Sub Total (Installation)	***$1,788,843.00***
Total Capital Costs	**$6,377,386.53**

Table 10 Total Program Year 2 Expenses

	Pilot Total
Maintenance Costs	
ConnectDER Simple Collar	$84.00
ConnectDER Generation 1 DER Management Device	$64,209.95
ConnectDER Bridge Device	$63,248.05
Cellular Gateway	$0.00
Sub Total (Maintenance)	***$127,542.00***
Total Expenses	***$127,542.00***

Table 11 Total Spent By Device Type (Materials, Labor, Maintenance)

Device Type	Total Spent Per Device
ConnectDER Generation 1 DER Management Device	$ 1,162.60
ConnectDER Bridge Device	$ 862.76
Cellular Gateway	$ 1,349.00

Tables 9, 10, and 11 above depict the costs associated with each DER Management device type. In some cases, where the initial DER Management device was replaced under warranty, it may have been replaced with a different DER Management device. In such cases, the initial purchase and installation costs have been categorized based on the original device type installed. Any maintenance costs for the location are categorized based on the device type installed when the maintenance is performed. As seen in Table 11, the cost of installation per device has been reduced as new generations of DER Management devices evolve. PPL Electric has saved $1.43 million from installing the ConnectDER Bridge device instead of the ConnectDER Generation 1 DER Management Device.

4) Number of times, locations, and duration for active management

An aggregated summary of the number of times PPL Electric actively managed each grid support function between March 22, 2023, and March 21, 2024, is shown in Table 12.

Table 12 Grid Support Function Total Event Counts

Grid Support Function	Total Number of Events
Volt/VAR Curve Overrides	12
Power Factor Setting Changes	221,394
Ride-through Setting Changes	4,138
Remote On/Off	0
Volt/Watt Curve Overrides (where applicable)	0

A detailed table capturing the total number of times, locations, and average durations of active management events aggregated to the distribution feeder level is provided in Appendix B. When aggregated by feeder (as in Appendix B), each table entry may contain more than one inverter power

factor settings change if multiple inverters on the same feeder have their power factor changed at the same time. As a result, the total number of entries in Appendix B is lower than the total inverter power factor setting change count in Table 12.

The total number of power factor management events in Program Year 2 increased significantly from 768 events in Program Year 1. This is a result of PPL Electric's continued enhancement of its ADMS/DERMS operational systems. In October of 2023, PPL Electric deployed a software patch to its ADMS/DERMS that significantly improved success for power factor management commands. This patch as well as the increase in the number of inverters in the program are the primary drivers of the increase in power factor management events.

In addition, of the total 221,394 events, 80,165 events were the result of PPL Electric's DER Management device instructing the inverter to revert to unity power factor after 10 hours of power factor management. These management events are not intended to provide grid benefits; rather, they act as a failsafe to ensure customers do not experience excessive generation curtailment if the DER Management device were to fail to return the system to volt/var management mode as programmed. A 10-hour reset time was selected to restore the inverter to unity power factor after a full day of daylight operation. A power factor management event occurring as a result of this function does not indicate that the device failed, but rather that PPL Electric's failsafe to protect customers is working as intended.

PPL Electric also performed volt/var curve overrides for the first time in Program Year 2, adjusting volt/var curves for 12 customers. As part of the DER Management Pilot program, PPL Electric monitors the amount of lost generation experienced by each customer as a result of the volt/var curve overrides. Through this monitoring, PPL Electric can identify customers with volt/var curves that experience lost generation significantly above the system average and make adjustments to reduce the amount of lost generation experienced. In addition, PPL Electric's circuit reconfigurations can result in changes to a customer's expected voltage profile and, subsequently, the optimal volt/var curve for the DER. Six of the 12 volt/var curve changes were the result of volt/var curve calculations following a circuit reconfiguration. The new volt/var curves developed from these analyses were then programmed remotely using PPL Electric's DER management capabilities with no disruption to the customer or their equipment.

5) Grid benefits achieved for each instance of active management

PPL Electric has developed the definition and parameters of grid benefits to capture real-time grid constraint mitigation for each instance of active management. Results for Program Year 2 show consistent improvements in system voltage, but do not fully resolve voltage issues in all cases. As the penetration of actively managed DERs continues to increase in future years, it is expected that voltage violations experienced by customers will decline in number and severity as more resources will be available in a wider variety of locations to respond to power quality challenges. Additional analysis on the grid benefits that were achieved, combining AMI voltage measurements and ADMS/DERMS model results, can be found in Section 11 ("Operational descriptions of how active management was executed and implemented") of this report.

PPL Electric defines "grid benefits achieved" for real-time constraint mitigation as the change in the number or severity of voltage violations present on the system in the time intervals before and after the

active management of one or more DERs. The intent is to capture changes which result directly from active management on a per-event basis. One challenge with this approach is that many other factors can influence customer voltage within the same time window of the calculations. Factors such as circuit load changes, local service transformer load changes, capacitor status changes, transmission voltage changes, and other factors can hide or overwhelm the impact of active management of DERs, especially on substations with relatively few DERs that can be managed. The methodology developed to calculate "grid benefits achieved" on a per-event basis calculates voltage changes for each active management event but cannot isolate whether or how much the magnitude of the calculated voltage change is caused by the active management event. PPL Electric has provided additional analysis in Section 11 of this report to better identify the contributions of active management to improving customer voltages by aligning ADMS/DERMS actions with the measured voltage changes.

For this report, the change in voltage violations for each instance of active management is calculated by evaluating the measured Advanced Metering Infrastructure ("AMI") meter voltages for the reporting interval immediately preceding and immediately following the active management for all DERs served by the same substation bus as the active management DERs. Since each event may include one or more DERs on the same bus, the total number of events may be lower than the total power factor setting change counts and the feeder-level event counts identified in other sections of this report. Grid benefits are considered by quantifying the reduction in the number of voltage violations or the reduction in the magnitude of the severity of those violations (e.g., reducing the voltage when a customer was experiencing a high voltage condition).

These measures were selected because they have the highest potential to capture the voltage improvement outcomes expected to result from active management capabilities on a per-instance basis. Using the measured AMI voltages before and after each instance of active management provides a quantitative means of measuring the impact of the active management event to improving customer voltage.

Manual modeling the specific effects of Active Management is impractical on a per-instance basis due to the volume and scale of analysis that would be required. Specific modeling performed for this purpose can be found within the use cases described below for certain scenarios. PPL Electric's ADMS/DERMS also calculates an estimated number of voltage violations resolved as a result of active management for each instance of active management. A description of these calculations and the results can be found in Section 11 of this report.

PPL Electric has identified any switched capacitor banks which were operated within the same time interval and the overall change in feeder reactive power measurements in order to isolate DER-specific benefits to the extent possible at this scale and to provide context for the calculated results.

The complete table of grid benefits achieved for each instance of active management has been compiled as Appendix C.

6) Net generation gain or loss due to active management

PPL Electric has developed a report capturing the net generation loss or gain due to PPL Electric's active management of grid support functions in each instance.[2] The total generation loss identified as a result of active management events represents a very small portion of overall system generation capabilities. This is primarily because the management actions are targeted to specific locations and time intervals where system benefits can be achieved.

On average, active management customers saw approximately 0.02195 kWh of net generation loss per management event as a result of active management, totaling 4859.52 kWh across 221,394 events. A table containing net generation changes for each instance of active management can be found within Appendix D.

7) Distribution system upgrades avoided due to increased hosting capacity attributed to monitoring

PPL Electric is required to develop a report which compares the computed circuit hosting capacity when all DERs are evaluated at nameplate kW only versus the hosting capacity of each circuit with actual kW output, gained via monitoring, while keeping Grandfathered DERs at nameplate kW. Results indicate that the availability and use of actual DER system production data results in a noticeable increase in a circuit's calculated hosting capacity in most cases. Cost-effective increases in hosting capacity are critical to enabling the renewable energy transition by reducing and avoiding costs for future interconnections of renewable resources.

Hosting capacity calculations have been performed for each of PPL Electric's radially fed non-dedicated distribution feeders.[3] The results for the "Nameplate" and "Monitored" calculations for each feeder can be found in Appendix E ("Nameplate – Avg Nodal Hosting Capacity (kW)" and "Monitored – Avg Nodal Hosting Capacity (kW)", respectively). Feeders that have zero calculated hosting capacity have pre-existing criteria violations within the model. Additional details regarding the methodology of the Hosting Capacity calculations can also be found in Appendix E.

In addition to the nodal calculations, the largest installation size that can be accommodated on each feeder has been identified. The maximum system size calculation results for the "Nameplate" and "Monitored" scenarios for each feeder can be found in the table provided in Appendix E ("Nameplate – Max Hosting Capacity (kW)" and "Monitored – Max Hosting Capacity (kW)", respectively).

PPL Electric also computed the estimated total system-wide hosting capacity of the distribution system under the "Nameplate" and "Monitored" scenarios. This calculation was performed by identifying the largest DER that could be accommodated on each substation transformer (each supporting one or more feeders) and summing those values for all substation transformers. Because each substation bus operates relatively independently, this result provides a reasonable estimate of the system-level hosting capacity available (assuming no constraints are experienced on the transmission system).

[2] PPL Electric notes that it has not measured any generation loss or gain as a result of modifications to the ride-through curves.

[3] Feeders fed by PPL Electric's Underground Secondary Network, also referred to as the "Low Tension Network," have been excluded, as have those dedicated to serving a single customer.

As of the end of Program Year 2, PPL Electric's ability to monitor DERs through the DER Pilot has resulted in an estimated increase of 18 MW of hosting capacity across the system when compared to the Nameplate scenario.

8) Distribution system upgrades avoided due to increased hosting capacity attributed to autonomous grid support functions

PPL Electric has developed a report which compares the computed circuit hosting capacity with actual kW gained via monitoring only versus the scenario where those DERs are equipped with autonomous grid support functions, while keeping grandfathered DERs at nameplate kW. Autonomous functions provide additional benefits in the form of improved hosting capacity by allowing DERs to respond to local voltages to help mitigate high or low voltage constraints.

Hosting capacity calculation results on each applicable feeder can be found in the table provided in Appendix E ("Monitored – Avg Nodal Hosting Capacity (kW)" and "Autonomous- Avg Nodal Hosting Capacity (kW)", respectively). Feeders that have zero calculated hosting capacity have pre-existing criteria violations within the model. Additional details regarding the methodology of the Hosting Capacity calculations can also be found in Appendix E.

In addition to the nodal calculations, the largest installation size that can be accommodated on each feeder has been identified. The maximum system size calculation results for the "Monitored" and "Autonomous" scenarios for each feeder can be found in the table provided in Appendix E ("Monitored – Max Hosting Capacity (kW)" and "Autonomous – Max Hosting Capacity (kW)", respectively).

PPL Electric also computed the estimated total system-wide hosting capacity of the distribution system under the "Monitored" and "Autonomous" scenarios. This calculation was performed by identifying the largest DER that could be accommodated on each substation transformer (each supporting one or more feeders) and summing those values for all substation transformers. Because each substation bus operates relatively independently, this result provides a reasonable estimate of the system-level hosting capacity available (assuming no constraints are experienced on the transmission system).

As of the end of Program Year 2, the utilization of PPL Electric calculated volt/var curves through the DER Pilot has resulted in an estimated increase of 6 MW of hosting capacity across the system when compared to the Monitored scenario.

9) Distribution system upgrades avoided due to increased hosting capacity attributed to active management

PPL Electric has developed a report which compares the computed circuit hosting capacity when all DERs are evaluated at the nameplate kW only, without any monitoring or active management, versus the hosting capacity of each circuit with actual kW output gained via active management, while keeping grandfathered DERs at nameplate kW. Active management shows additional improvements in feeder hosting capacity when compared to autonomous only scenarios. This results from the ability of active management to utilize DER to respond to voltage violations holistically, rather than relying on DERs to adjust themselves based on local measurements.

Hosting capacity calculation results on each applicable feeder can be found in the table provided in Appendix E ("Nameplate – Avg Nodal Hosting Capacity (kW)" and "Active Management – Avg Nodal

Hosting Capacity (kW)", respectively). Feeders that have zero calculated hosting capacity have pre-existing criteria violations within the model. Additional details regarding the methodology of the Hosting Capacity calculations can also be found in Appendix E.

In addition to the nodal calculations, the largest installation size that can be accommodated on each feeder has been identified. The maximum system size calculation results for the "Nameplate" and "Active Management" scenarios for each feeder can be found in the table provided in Appendix E ("Nameplate – Max Hosting Capacity (kW)" and "Active Management – Max Hosting Capacity (kW)", respectively).

PPL Electric also computed the estimated total system-wide hosting capacity of the distribution system under the "Nameplate" and "Active Management" scenarios. This calculation was performed by identifying the largest DER that could be accommodated on each substation transformer (each supporting one or more feeders) and summing those values for all substation transformers. Because each substation bus operates relatively independently, this result provides a reasonable estimate of the system-level hosting capacity available (assuming no constraints are experienced on the transmission system).

As of the end of Program Year 2, PPL Electric's DER Pilot has resulted in an estimated increase of 29 MW of hosting capacity across the system when compared to the "Nameplate" scenario, with 5 MW of the 29 MW of hosting capacity attributed to the active management of power factor. This increase of 29 MW can help reduce interconnection costs and enable additional interconnections. If that additional 29 MW were fully utilized as of March 21, 2024, it would have produced additional generation and reduced distribution and transmission losses valued at approximately $4.57 million.

10) System operation comparisons of circuits under autonomous inverter grid support functions versus active management

PPL Electric has developed voltage metrics depicting performance characteristics between the Grandfathered Group ("GF"), Control Group 1 ("CG1"), Control Group 2 ("CG2"), and Active Management Group ("AM"). These metrics have been provided both at the point-of-interconnection level (comparing all DER Pilot groups) and at the feeder level (comparing feeders with active management DER against Control Group 1 feeders).

PPL Electric has developed new voltage performance metrics that are designed to improve understanding and mimic established industry practices for quantifying reliability. For outage data, the System Average Interruption Frequency Index ("SAIFI") and System Average Interruption Duration Index ("SAIDI") convey the expected number of, and duration of, outages that the average customer experiences in a given year. For voltage, the System Average Voltage Violation Frequency Index ("SAVVFI") and System Average Voltage Violation Duration Index ("SAVVDI") will provide similar information but for voltage violations. These values are calculated as follows:

> SAVVFI = (Total number of voltage violation events experienced by all customers in a set) / (total number of customers in the set)
> SAVVDI = (Total duration in minutes of voltage violation events experienced by a set of customers) / (total number of customers in the set)

These values have been calculated separately for the Grandfathered, Control Group 1, Control Group 2, and Active Management customer sets. Where customers are in both Control Group 1 and Control Group 2, they will be included within both the CG1 and CG2 data sets. Because the SAVVFI and SAVVDI are inherently normalized by dividing by the number of customers in the set, there is no potential for double counting.

When examining the voltage violation data across the groups, it is important to consider both the data and the underlying factors which can influence the comparative analysis. The voltage violation comparison data from the Program Year 1 Annual Report identified that the initial control group installations are likely located in locations less prone to voltage violations because such installations experienced relatively fewer voltage violations than those installations in the Active Management Group before the DER Pilot. This is further illustrated by the data below, which calculates the SAVVFI and SAVVDI for the customers in each group from 2019 and 2020, *i.e.*, before the interconnection of any DERs within the DER Pilot.

Figure 2 DER Customer Historical SAVVFI & SAVVDI

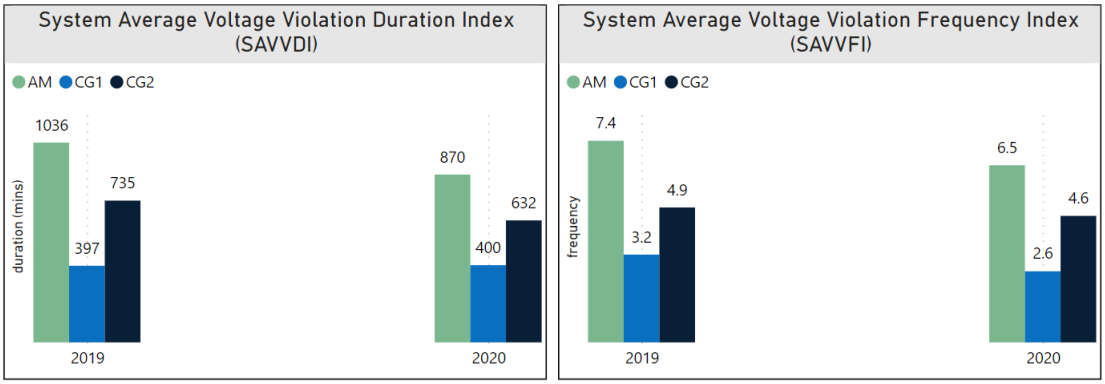

Voltage violation data for Grandfathered Group, Control Group 1, Control Group 2, and Active Management Group customers is provided in Figure 3 and Figure 4 below through the end of 2023. The data for this analysis starts being collected for each customer location from the date that the DER is connected and (in the case of active management and control group DERs) programmed with a volt/var curve. Due to the relatively small population of DERs in 2021, there is insufficient sample size for CG1, CG2, and AM customer groups to identify specific findings from 2021 data; the same is true with 2022 data for AM group. Because the populations of these groups (except the GF group) change over time, it is difficult to draw conclusions from year-over-year comparisons. Similarly, while 2023 data provides the best group to group comparison yet, the SAVVFI and SAVVDI will continue to regress to the mean as more DERs are added to the groups.

Figure 3 DER Customer SAVVDI Results

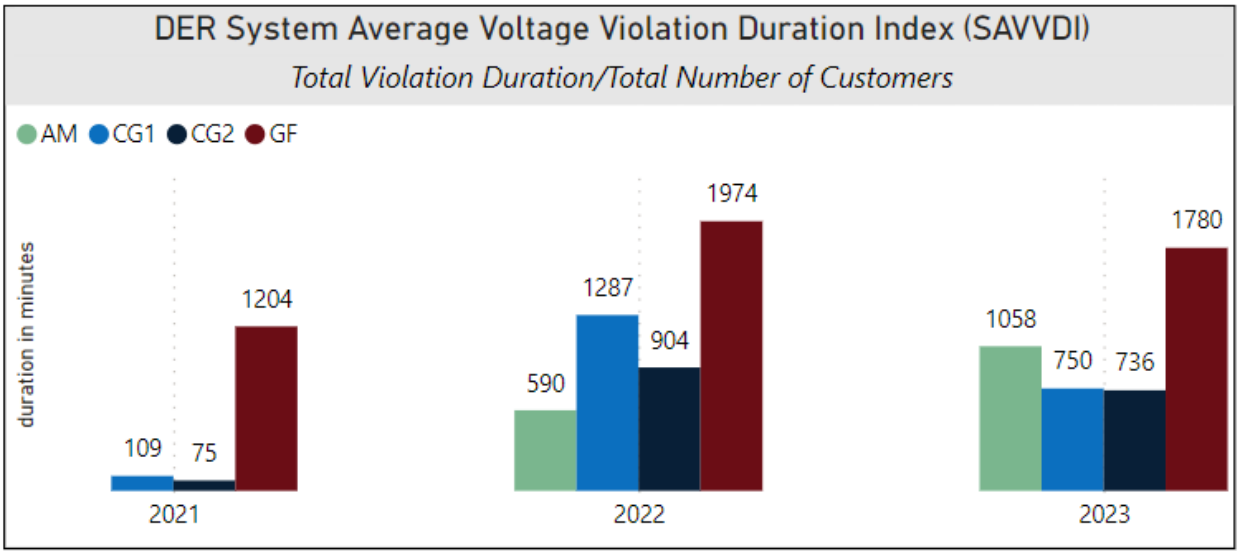

Figure 4 DER Customer SAVVFI Results

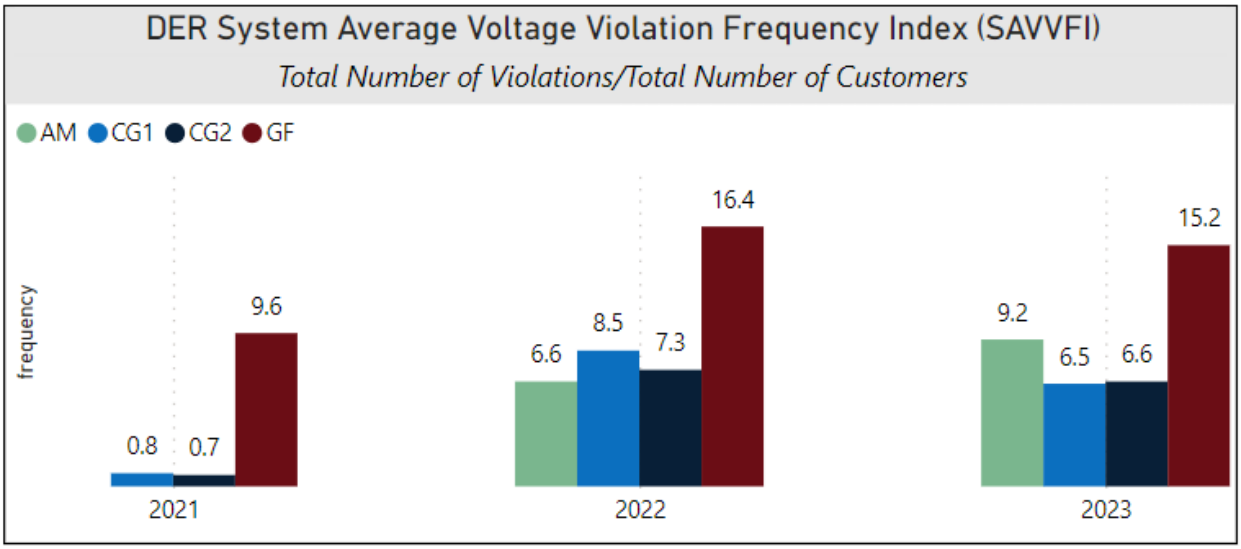

On its own, the voltage data at the DER customer location does not paint a complete picture of the impact of volt/var curves and active management on customer voltages and power quality. To capture the full impact, the voltages at all customer locations, both those with and those without DERs, must be considered. Both PPL Electric's volt/var curve design process and the execution of active management consider both the local DER customer voltage as well as the impacts to voltage elsewhere on the system. The existence of Control Group 1 provides a more direct way of evaluating the impact of active management capabilities on customer voltage violations. In Figure 5 and Figure 6 below, SAVVFI and SAVVDI have been calculated for all customers on Control Group 1 feeders as well as for all customers on feeders with actively managed DERs. Because this data considers each meter on a given set of feeders (Control Group 1 or Active Management), low sample size is not an issue, even for relatively smaller numbers of actively managed DERs because those DERs are spread across many different feeders and, consequently, a high volume of voltage measurement datapoints.

Figure 5 Feeder-Level SAVVDI Comparison Results

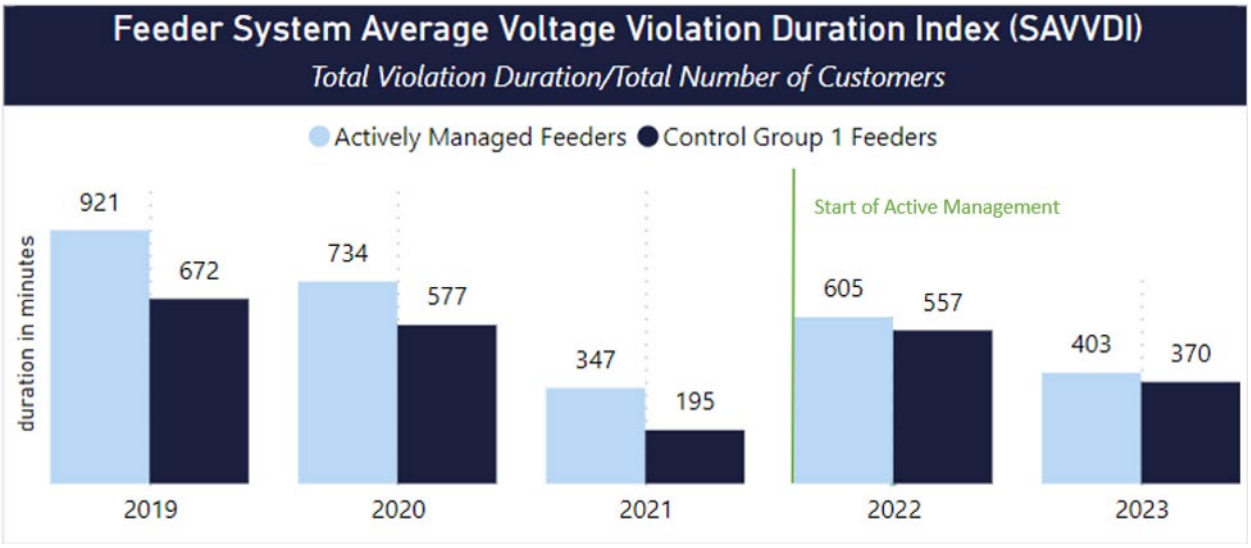

Figure 5 Feeder-Level SAVVFI Comparison Results

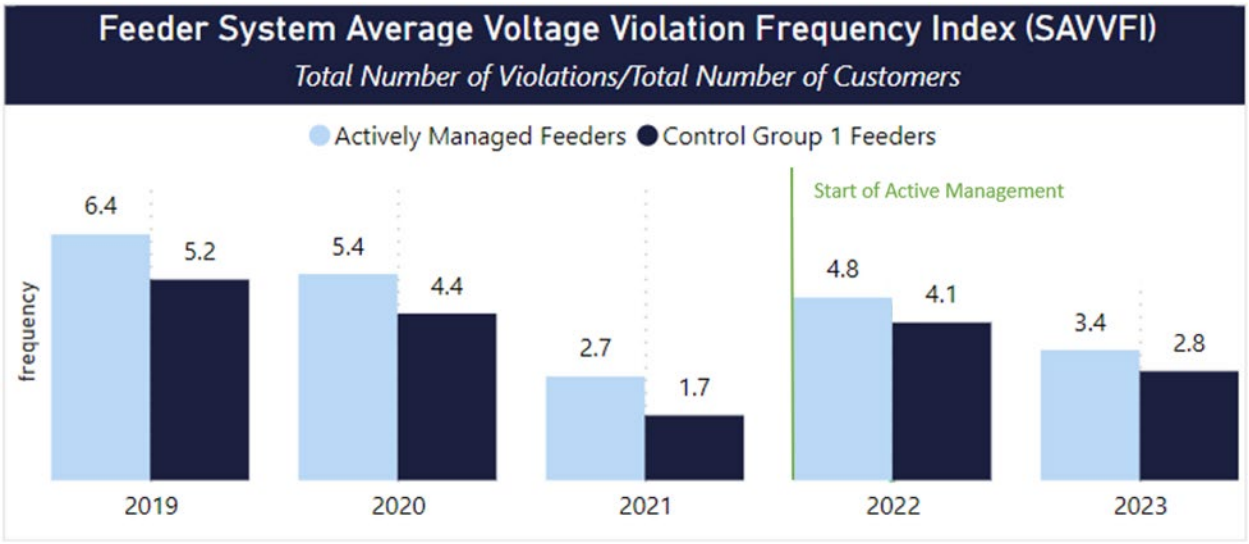

When comparing the data for the actively managed feeders and the Control Group 1 feeders, the impact of active management on the duration and frequency of voltage violations is readily apparent. From 2019-2021, which is before the first power factor management event in 2022, customers on the feeders that have actively managed DERs experienced significantly longer durations of voltage violations than their peers on Control Group 1 feeders. Beginning in 2022, with the start of active management, this gap closed significantly. In 2023, the gap between duration outcomes for customers on Control Group 1 feeders and those on actively managed feeders closed further. This clearly demonstrates the capabilities of active management to reduce the duration of voltage violations.

For the frequency data, both the Active Management feeders and Control Group 1 feeders show general trends of decreasing year-over-year. Similar to the duration data, customers on feeders that now have actively managed DERs have historically experienced a higher frequency of voltage violations than their peers on Control Group 1 feeders. This gap also shows signs of reducing starting in 2022, though not as

strongly. This is not entirely unexpected, as PPL Electric's ADMS/DERMS currently reacts to system conditions to respond to voltage violations, rather than attempting to prevent them. As a result, the frequency impacts are less pronounced and primarily result from preventing the recurrence of a violation within the same day or from management actions intended to address a modeled voltage issue that does not yet exist in the field. In the future, improvements in operational forecasting may enable more capabilities to reduce voltage violation frequency through active management before violations occur, rather than responding after their occurrence.

In addition to frequency and duration, PPL Electric also developed metrics to quantify and understand the relative severity of voltage violations across the DER Pilot groups. In this context, voltage violation severity is the relative difference between the measured voltage and the target voltage range of 0.95 to 1.05 per unit (114 V to 126 V for a 120V base service voltage). For instance, a voltage violation severity of 0.001 indicates a per unit voltage of 1.051 (126.12 V on a 120V base service voltage) or 0.949 (113.88 V on a 120V base service voltage). The results in Figure 7 below depict the relative frequency of voltage violations of varying levels of severity at DER locations, calculated based on the number of time intervals a voltage measurement was within each band as a percentage of the total number of daylight time intervals considered. The relative percentage of time intervals with no voltage violations is also included to provide context for the results.

Figure 6 Voltage Severity Results by Pilot Group

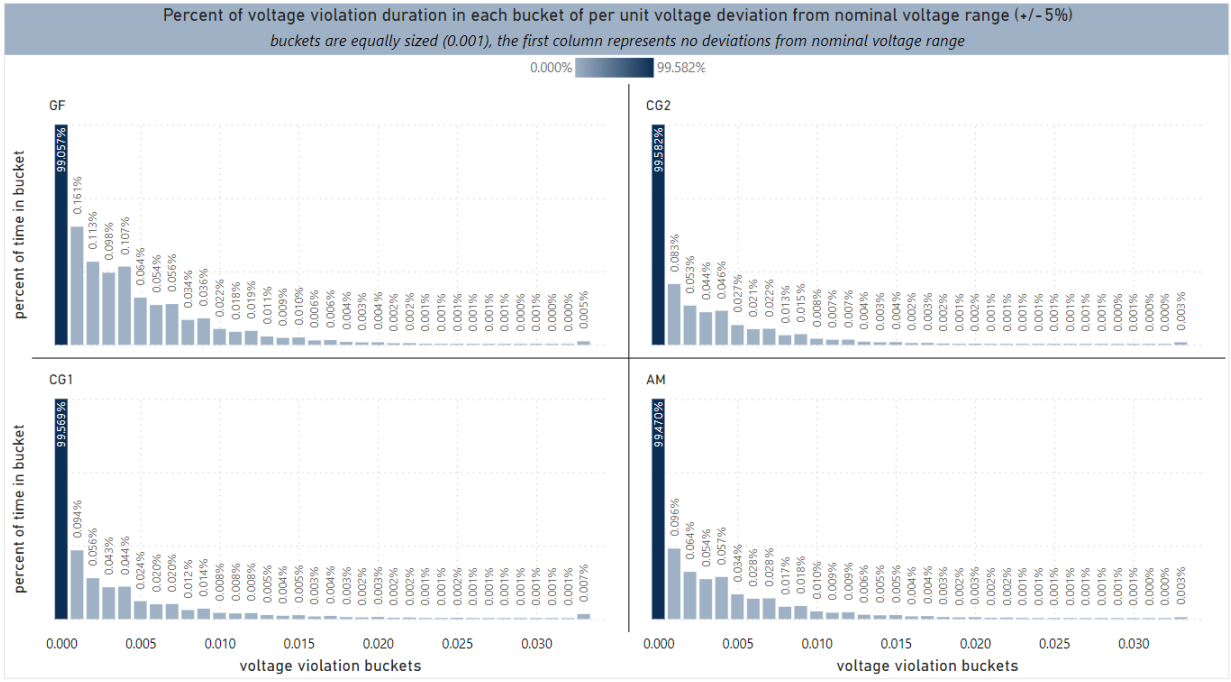

Figure 8 below depicts the same underlying data, but with the intervals with no violations removed, and the remaining data converted to percentages. In this graph, having a higher percentage of low-magnitude violations (e.g., with larger values nearer to the left vertical axis) indicates that, when a voltage violation does occur, it is relatively less severe. Within this data, grandfathered DER locations spend relatively less time in the lower magnitude regions, indicating that they tend to have more severe voltage violations when compared to their control group and active management peers. From the data,

it is clear that the use of volt/var curves reduces the severity of voltage violations at the point of interconnection.

Figure 7 Voltage Severity Comparative Results by Pilot Group, Y-axis is stacked by size from smallest to largest percentage.

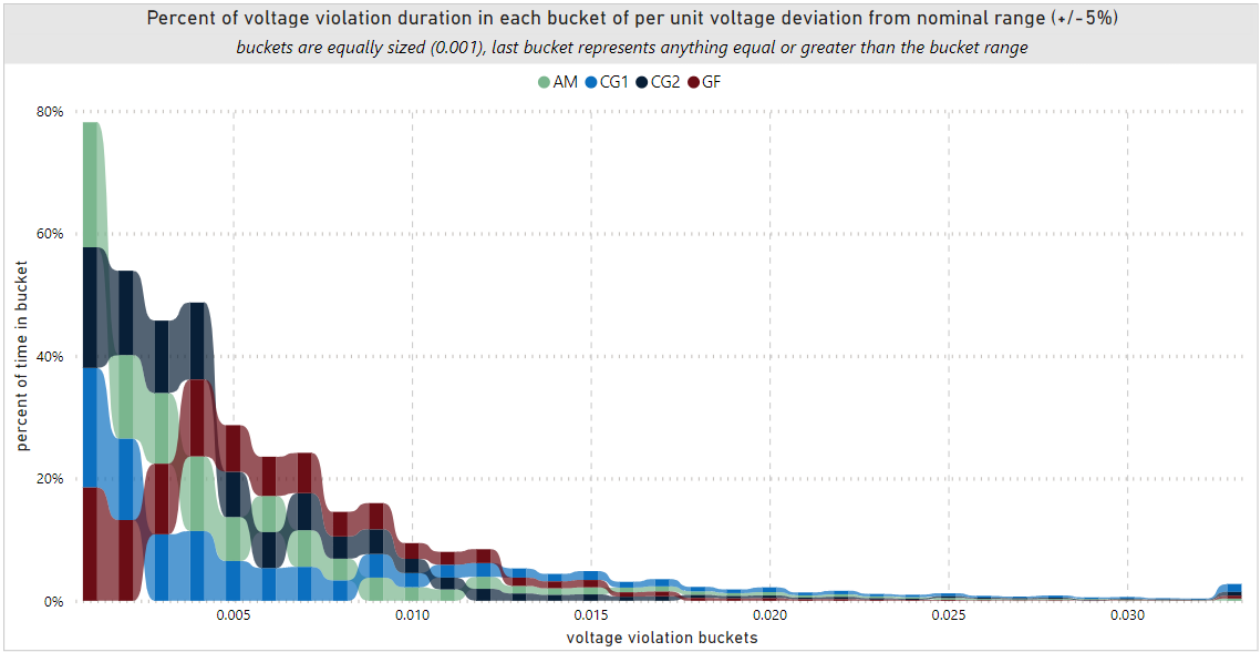

As with the frequency and duration data above, the data measured at the DER locations does not tell the whole story, as it does not include the impacts of autonomous and active management on voltage violations experienced by other customers on the same feeder. The results in Figure 9 below depict the same voltage violation severity analysis methodology applied to customers on Control Group 1 feeders and customers on feeders with actively managed DERs. To improve the comparability of the data, time intervals without voltage violations have been excluded, and the data is presented as the percentage of time, when a violation is present, that the various levels of voltage violation occur.

Figure 8 Feeder-Level Voltage Severity Results Comparison

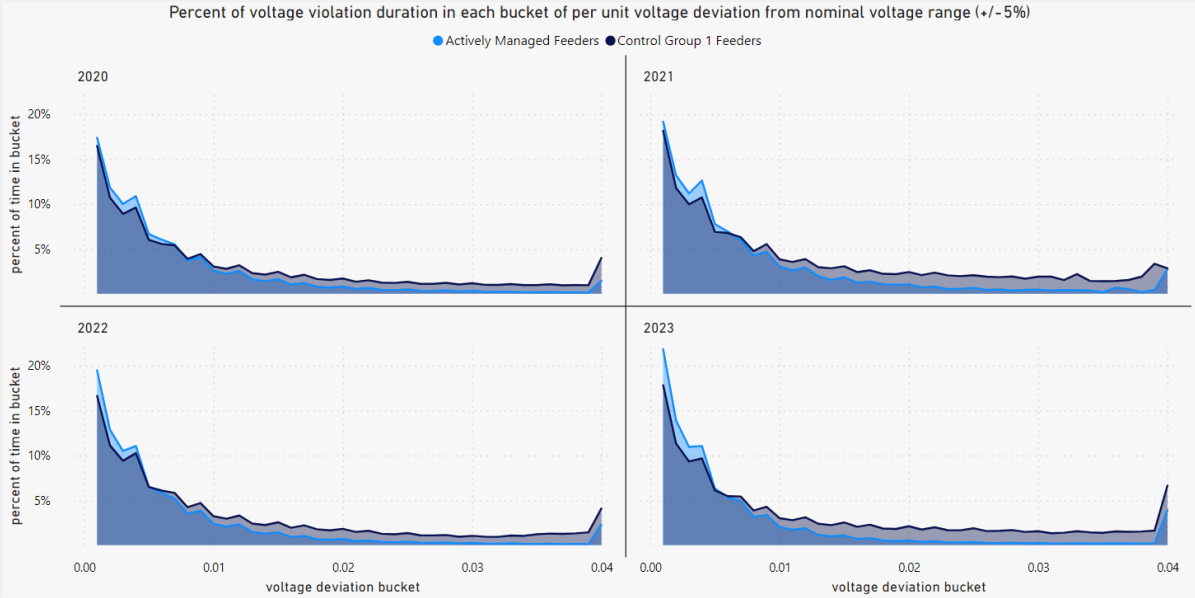

Prior to the start of active management events in 2022, customers on feeders with actively managed DERs experienced a relatively lower incidence of the most severe levels of voltage violation when compared to their peers on Control Group 1 feeders. By the end of 2023, with the number of actively managed DERs and active management events significantly increased, this gap widened even more. When customers on feeders with actively managed DERs experienced a violation in 2023, the violation was more likely to be less severe than for customers on Control Group 1 feeders. The reduction in voltage violation severity as a result of PPL Electric's active management of DERs is a clear demonstration of the impact on customer power quality.

Key takeaways from the comprehensive review of the progression of figures in section 10 and their associated explanations are:

1. **Trend of Shorter and Less Frequent Voltage Violations:** The Grandfathered Group has longer and more frequent voltage violations than Control Group 1, Control Group 2, and the Active Management Group. The trend of shorter and less frequent voltage violations for the latter three groups demonstrates that the DER Pilot is improving grid conditions.

2. **Historical Challenges in Actively Managed Feeders:** Feeders with actively managed DERs historically faced a higher frequency of voltage violations compared to those in Control Group 1. However, the disparity in violation frequency between these groups has started to decrease since 2022, showcasing how actively managing the DERs has gradually improved the feeders' performance.

3. **Response vs. Prevention:** PPL Electric's systems, including ADMS/DERMS, are configured more for responding to existing voltage violations rather than preventing them. This reactive approach results in less pronounced impacts on violation frequency, as interventions are primarily aimed at preventing recurrence within the same day or addressing potential future issues not yet manifest in the field. However, with DER management, the potential exists for

significant enhancements in how voltage violations are managed through advancements in operational forecasting. With better predictive capabilities, it may become feasible to proactively manage and reduce the frequency of voltage violations before they occur, shifting from a reactive to a preventative management style.

4. **Quantifying Severity:** The development of new metrics to understand the severity of voltage violations adds another layer of depth to grid management. These metrics help quantify how far off the voltage measurements are from the target range, providing a clearer picture of the grid's health and the effectiveness of voltage regulation strategies.

5. **Understanding Impact Over Time:** The analysis of severity across different times and conditions (such as daylight time intervals) helps in understanding the dynamic nature of voltage violations and the operational effectiveness of DER management across different scenarios.

In addition, active management's ability to mitigate and resolve voltage violations without needing to roll trucks has reduced the Company's operation and maintenance expenses. To calculate the estimated expense reduction due avoided truck rolls, PPL Electric first multiplied the number of customers with at least one voltage violation resolved within a load and voltage management ("LVM") plan period by 79.3%. The 79.3% represents the completion rate of LVM plans—from initiation to resolution of planned actions, as analyzed up to March 21, 2024—and represents the approximate percentage of voltage violations resolved by active management. Customer count is used rather than violation count to avoid counting multiple resolutions for a single customer as multiple truck rolls, and because not all resolutions are directly attributable to active management.

Subsequently, this figure is multiplied by 75%, which is the frequency that PPL Electric deploys a truck in response to a voltage violation complaint based on the Company's power service problem ("PSP") data. The resulting figure is then multiplied by the cost PPL Electric incurs per truck roll to resolve a voltage violation, providing an estimate of the overall cost-effectiveness of active management in identifying, mitigating, and resolving voltage violations.

Table 93 Total Cost to Respond to Voltage Violations that Were Avoided per Year

Year	Truck Roll Rate	Voltage Violations that Could Have Resulted in Truck Rolls	Total Cost to Respond to Voltage Violations that Were Avoided
2022	$711	796	$565,956.00
2023	$535	13,586	$7,268,510.00
2024	$656	8,890	$5,831,840.00
			$13,666,306.00

11) Operational descriptions of how active management was executed and implemented

PPL Electric has developed a report based on data captured from the ADMS/DERMS system, which identifies the operational issues faced, the active management action taken, and the expected resulting impact of the action for each instance of active management. The resulting data has been compiled within Appendix F. Similar to the "Grid Benefits Achieved" section of the report, data derived from the ADMS/DERMS event logs and provided in Appendix F identifies the number and severity of voltage violations present before and after ADMS/DERMS executes the management plan. In contrast to the approach used in the "Grid Benefits Achieved" section, which uses measured AMI data but does not determine the relative role of DERs, the data provided in this section captures the expected role of DERs in resolving voltage violations but relies upon power flow results calculated within the operational model. These results reflect the best information available at the time the management action was taken, which incorporates some voltage and load measurements received through SCADA but does not include measured AMI voltages. The resulting management plans can include both DERs and capacitor management actions. Capacitor management actions events, as well as the overall change in the area power factor, have been included in order to further isolate DER-specific benefits to the extent possible for the calculated results.

When the ADMS/DERMS is managing system voltage, it identifies voltage violations within the operational model, determines an optimal plan to mitigate voltage violations, and then calculates the hypothetical future state expected to result from that plan. Both the "pre-plan" and "post-plan" calculated values are recorded within the event log files, which are then used to estimate the number of voltage violations resolved by the ADMS/DERMS action.

This number of voltage violations resolved, when calculated in this manner from the ADMS/DERMS logs, is higher than the actual number of voltage violations resolved. This is due to a few factors. First, while power flow calculations incorporate real time measurements and are generally accurate, they are imperfect, and slight errors in voltage calculations are to be expected. Since most voltage violations are only slightly outside of voltage limits, voltage violation counts can be extremely sensitive to these slight inaccuracies, resulting in overestimations of the impact of some events and underestimations of the impact for other events. Second, each power flow and optimization cycle (currently occurring approximately every 15 minutes) is largely independent from the previous cycle. As a result, voltage violations for the same set of customers may be counted as resolved multiple times throughout the day. Third, the estimated violation resolutions do not account for failed communication with DERs, which would result in only a partial realization of the expected benefits. Finally, the power flow solution accounts for locally managed devices, including capacitors and voltage regulators, changing position due to DER management. These locally managed devices can change states between the "pre-plan" and "post-plan" results.

ADMS/DERMS also attempts to reduce the severity of voltage violations as part of the voltage management process. While there may not yet be sufficient penetration of actively managed DERs to resolve voltage violations in all areas, ADMS/DERMS still utilizes the available resources to improve system voltage conditions. These values, on a per-event basis, are also provided in Appendix F.

To validate the performance of the ADMS/DERMS in addressing voltage violations, PPL Electric has compared DER management plan logs from ADMS/DERMS to the actual number of customers that had voltage violations impacted during the 15-minute period that the plan was generated in (calculated via AMI voltage data). Because many things can change over a 15-minute period that impact voltage, attributing any specific change in voltage status of customers solely to a DER management action is very difficult at this scale. It is possible, however, to assess whether the ADMS/DERMS plans generally align with and support voltage changes that are needed to improve voltage violation conditions.

Successful DER management utilizes DERs to reduce voltage for high voltage violations and increase voltage to resolve low voltage violations. For this analysis, PPL Electric sorted the ADMS/DERMS log events to identify logs where all DERs are being managed to change voltage in the same direction (relative to unity power factor), then identified the changes in AMI voltages associated with the DER management event for customers on the same nominal feeder and phase as the DERs. For example, if five DERs are being managed and all five are adjusted to increase the amount of injected kVAR, that is a unidirectional change to increase voltage. Likewise, if those five DERs are being adjusted to increase the amount of absorbed kVAR, this is a unidirectional change to reduce voltage. Because of the complexity and local nature of voltage, some management events involve a mix of DER management actions, with some DERs increasing their kVAR absorption and others increasing their kVAR injection within the same plan. These multi-directional events are difficult to analyze at scale and have been excluded from the data in this analysis to provide a clearer understanding of the effectiveness of DER management actions. The results of this analysis can be found in Figure 10 below.

Figure 100 DER Management Plan Contribution Results

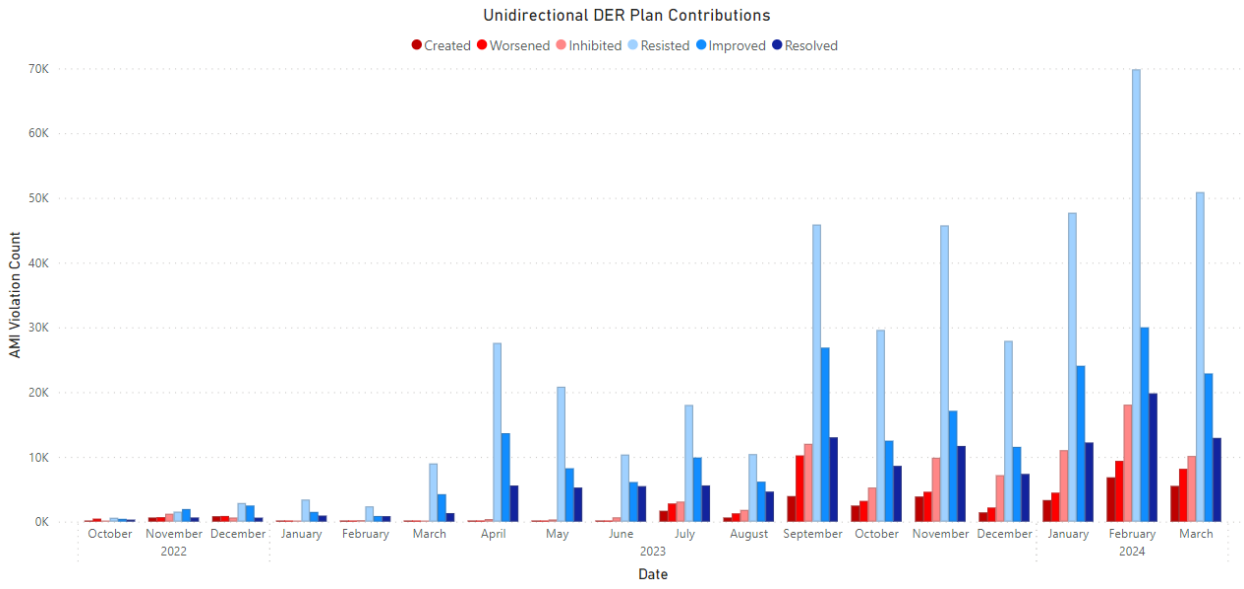

Each DER management's contribution to the change of voltage violation was categorized as follows:

- *Created*: A voltage violation existed in the direction of the DER plan voltage contribution at the end of an AMI period that did not exist prior to the management action
    - Ex: DER inject kVAR which would raise voltage, and a customer voltage changes from 1.049 per unit to 1.051 per unit

- *Worsened*: A voltage violation was more severe in the direction of the DER plan voltage contribution at the end of an AMI period than prior to the management action
    - Ex: DER inject kVAR which would raise the voltage, and a customer voltage changes from 1.051 to 1.052 per unit
- *Inhibited*: A voltage violation was less severe at the end of an AMI period, but the DER plan voltage contribution was in the opposite direction
    - Ex: DER inject kVAR which would raise the voltage, and a customer voltage changes from 1.052 to 1.051 per unit.
- *Resisted*: A voltage violation was more severe at the end of an AMI period despite the DER plan voltage contribution in the direction opposite the violation
    - Ex: DER absorbs kVAR which would lower the voltage, and a customer voltage changes from 1.051 to 1.052 per unit.
- *Improved*: A voltage violation was less severe at the end of an AMI period in the direction of the DER plan voltage contribution
    - Ex: DER absorbs kVAR which would lower the voltage, and a customer voltage changes from 1.052 to 1.051 per unit.
- *Resolved*: A voltage violation existed at the start of an AMI period that did not exist at the end in the direction of the DER plan voltage contribution
    - Ex: DER absorbs kVAR which would lower the voltage, and a customer voltage changes from 1.051 to 1.049 per unit.

Generally, autonomous settings and active management are intended to *resolve* voltage violations conditions, *improve* voltage violation magnitudes, or *resist* other factors that are making voltage violations occur or become more severe. While *creating*, *worsening*, or *inhibiting* the resolution of voltage violations are not generally desirable, it is important to consider that optimization is complex and can result in trade-offs with net positive results overall. For example, creating one new voltage violation with a relatively small magnitude in order to resolve five voltage violations elsewhere on the system is a significant net positive from the system perspective.

From the data provided in the analysis, it is clear the PPL Electric's active management is providing significant net positive effects on customer voltages. While there are some violations that are created or worsened, there are significantly higher numbers of voltage violations resolved or improved.

The results provided to date are a result of the number and size of DERs connected within the Active Management Group. On many feeders, the total amount of reactive power support that can be provided by actively managed DERs is still relatively small, which is indicated by the high prevalence of events that "resist" voltage degradation but do not fully resolve voltage issues. As more DERs are able to be actively managed, it is expected that more voltage violations can be resolved or improved. As shown in Figure 11 below, the majority of DER plans have resulted in a change of less than 20 kVAR.

Figure 111 Relative Frequency of Total Planned kVAR Change

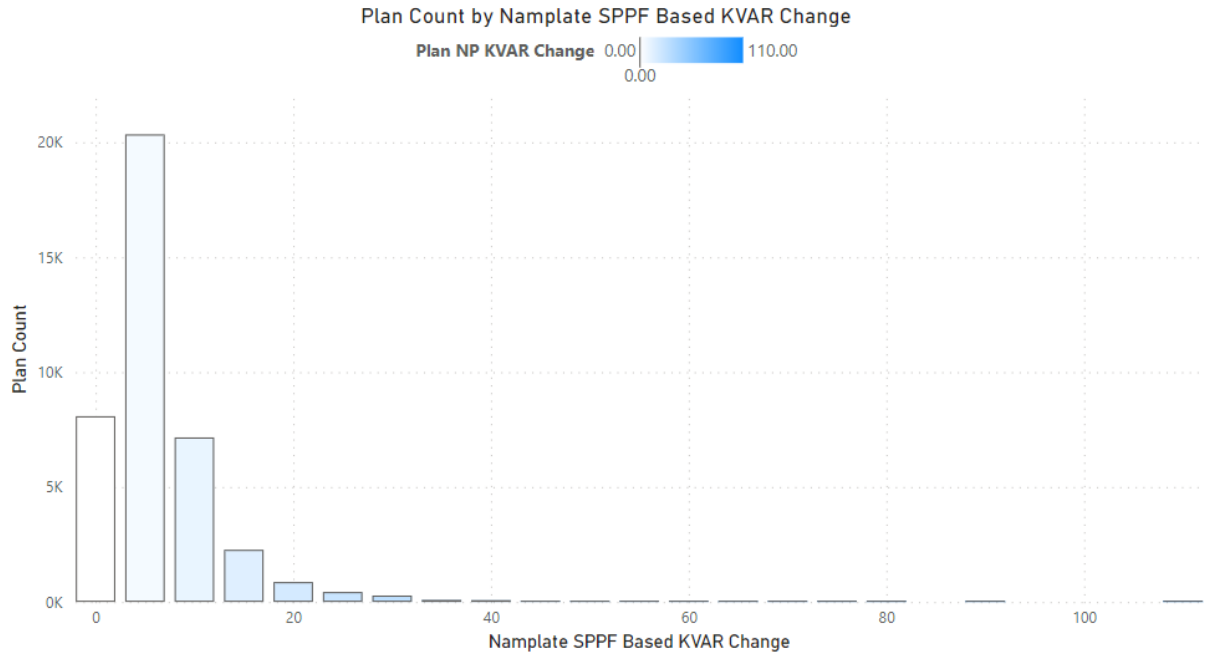

12) Performance measures related to active management

PPL Electric has developed performance tracking metrics for monitoring and active management installations which capture communication reliability and overall data quality. PPL Electric's communication systems have continued to perform at a high level as the number of communicating DERs has increased through the end of Program Year 2. PPL Electric continues to focus on maintaining and improving the reliability of its AMI network.

For communications reliability, PPL Electric tracks communications between the customer's inverter and the AMI head-end system. This captures the overall reliability and performance of the AMI network layer. Within the AMI communications layer, commands are sent from the AMI head-end system to the endpoint devices, which respond back to the head-end system. One execution of this cycle is a "round trip". Communication reliability and performance for the AMI layer of communications are measured by evaluating the percentage of successful round trips. PPL Electric aims to maintain an overall communications success rate of 95% between the AMI head-end system and DER Management devices.

Figure 122 - Average AMI Communication Success Rate by Month, 2021-2022

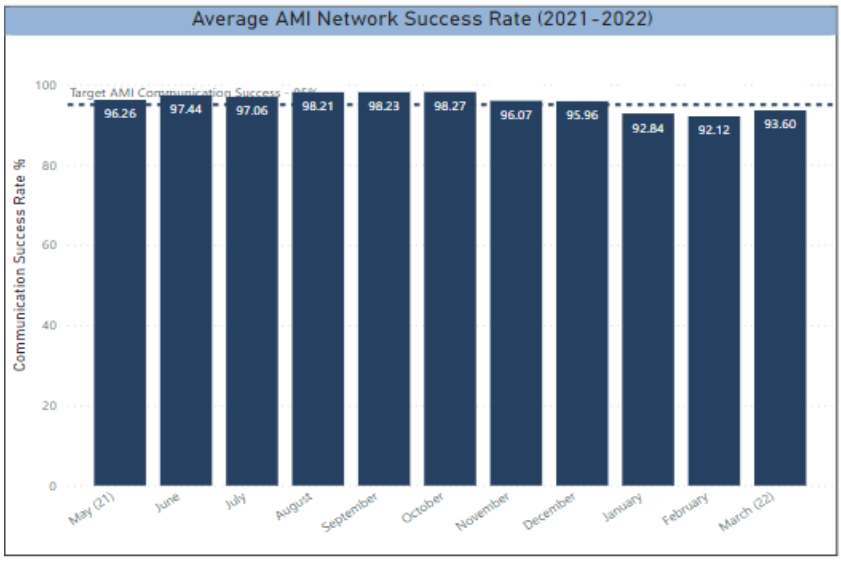

Figure 133 - Average AMI Communication Success Rate by Month, 2022-2023

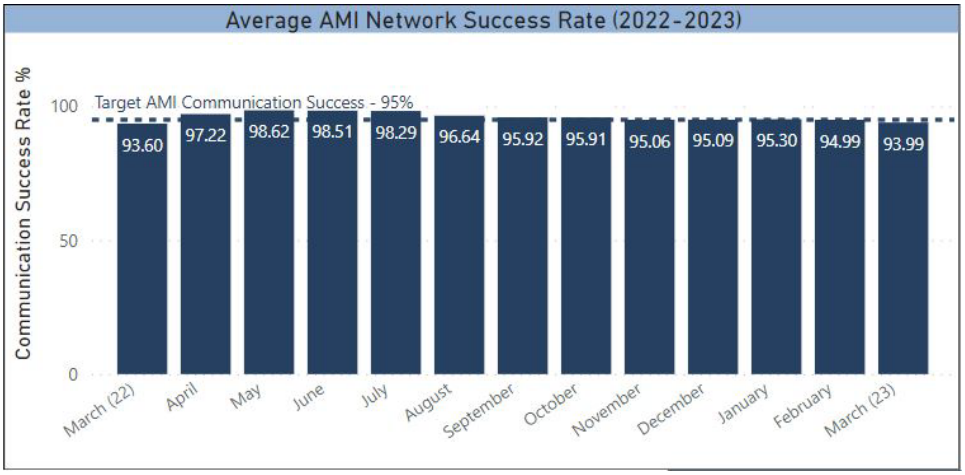

Figure 144 - Average AMI Communication Success Rate by Month, 2023-2024

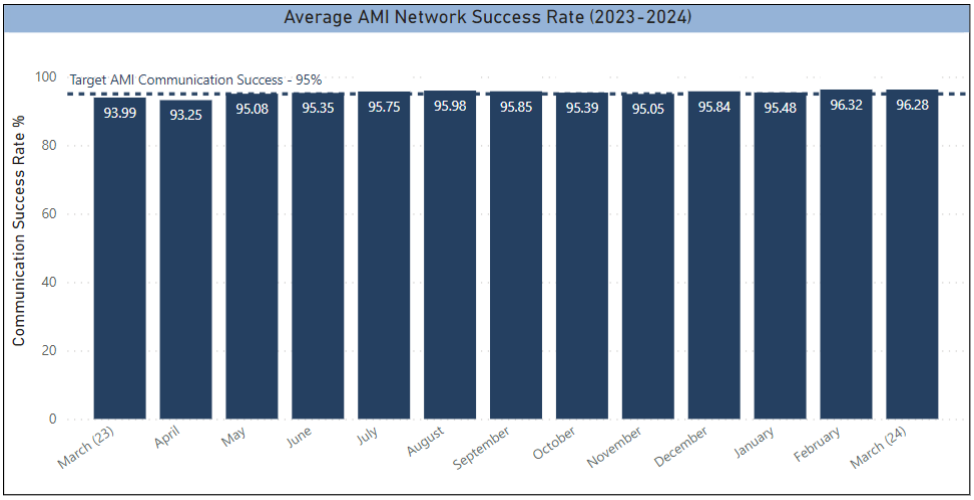

For the AMI communication success data above, locations where AMI communication could not be established have been removed from the averages depicted, as their performance is not indicative of overall network performance. As of March 2024, 147 devices have been removed from this data set. This accounts for 2% of DER installations enrolled in the Pilot. These locations are being investigated by PPL Electric.

Average Round Trip Time, another important element of AMI performance, measures the amount of time it takes for a command to be sent from the head-end system and for the response to be returned by the radio. For the average round trip time, PPL Electric aims to maintain a maximum time of 60 seconds to ensure reliable performance. Based on historical performance data, a 30 second round trip time target was implemented for the 2023-2024 timeframe and beyond to monitor for significant changes in network performance.

Figure 155 – Average AMI Round Trip Time by Month 2021-2022

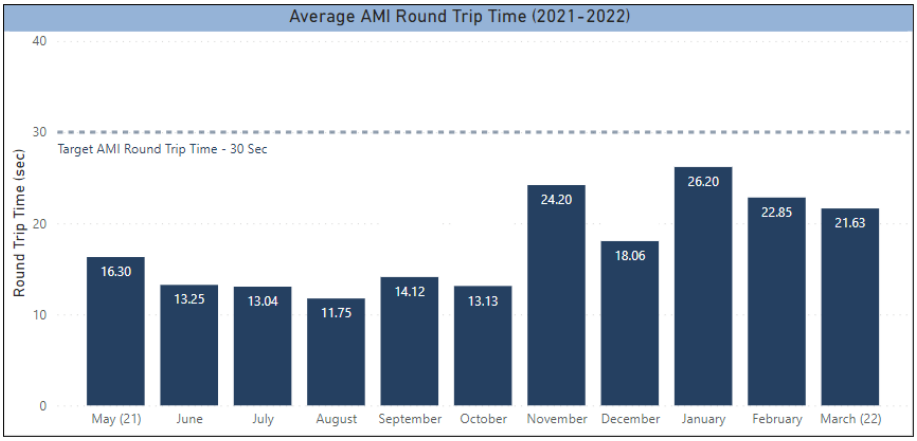

Figure 166 – Average AMI Round Trip Time by Month 2022-2023

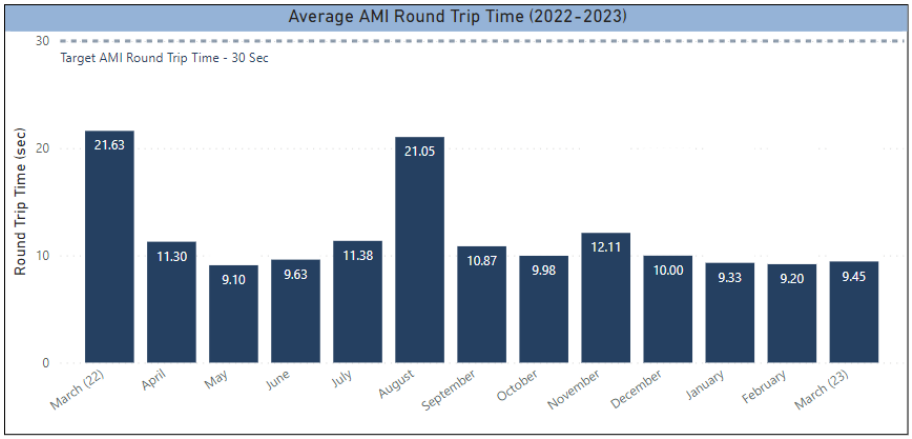

Figure 177 – Average AMI Round Trip Time by Month 2023-2024

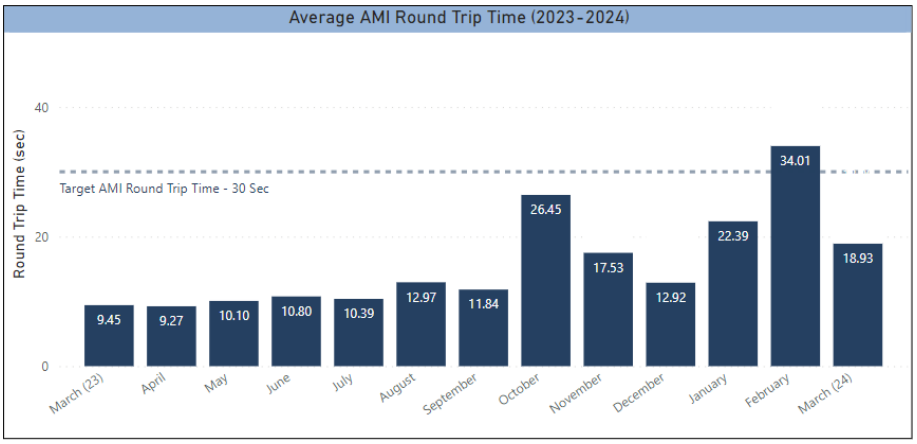

Data quality is an important aspect of overall communications health. A communications interval is determined to be a "quality" interval when at least one reading within a given 15-minute interval during daylight hours (9 AM – 5 PM) is received in which the data is within reasonable limits for key parameters like voltage, volt/var curve points, etc. One challenge within the analysis of historical inverter data is that many inverters reported real power measurements that were above their rated nameplate, at times exceeding the nameplate by more than 10%. This can negatively impact the data quality, as it can cause readings to be identified as invalid despite other parameters being within expected ranges.

Between March 22, 2023 and March 21, 2024, 89.93% of communications intervals resulted in quality data, which was an improvement from the 78.40% seen between January 1, 2021, and March 21, 2023. PPL Electric continually monitors data quality and has identified and implemented many enhancements to improve overall data quality and will continue such efforts in the future.

13) Findings and information on PPL Electric's use cases

PPL Electric has compiled findings and information below related to the eight use cases identified within the Pilot Implementation Plan, as well as some additional use cases not previously identified. These use cases capture both the benefits gained as a result of the Pilot as well as opportunities missed as a result

of the inability to communicate with or manage DERs installed prior to the start of the Pilot. These studies enable PPL Electric to learn and adapt to a system with an increasing penetration of DERS.

Use Case #1 – Voltage Violation at DER Point of Interconnection (POI)

Voltage must be maintained within ANSI C84.1 and PUC requirements at all levels in the distribution system to ensure safety and power quality for customers. DERs can sometimes intensify voltage violations on the network. Monitoring capabilities and alarms in ADMS/DERMS at the DER locations can provide visibility that is needed, allowing a proactive approach to identifying and responding to these violations. By monitoring the voltage levels, PPL Electric will be able to capture the added benefits each group has to mitigate voltage violations further.

Between March 22, 2023, and March 21, 2024, there have been 32,869 voltage violations recorded at autonomous DER locations (including Control Groups 1 and 2 as well as actively managed DERs) on the system.

Use Case #2 – Voltage Violation Mitigated by DERs on the Circuit

DER interconnections can create or intensify voltage issues, particularly if there is a high penetration of them on a single circuit. Without visibility and management capabilities, PPL Electric operators and planners will be faced with a deeper challenge to manage the system safely, reliably, and effectively. For the actively managed DER customers, PPL Electric will capture scenarios where the DERs may be utilized to help alleviate or mitigate voltage violations. Active management provides PPL Electric flexibility in mitigating voltage violations on the circuit. Additionally, captured scenarios allow PPL Electric to learn and adapt to a system with increasing DER penetration.

As of March 21, 2024, there have been 23,272 voltage violations resolved through PPL Electric's active management. These resolved voltage violations resulted in approximately $13.7 million of operational savings, as noted in Table 13, *supra*.

As of March 21, 2024, there have been five (5) cases studied that resulted in mitigated voltage violations for 577 customers through autonomous volt/var curves and an additional 342 customers with active management. Additionally, PPL Electric has performed studies for four (4) DER management events comparing ADMS/DERMS calculated voltage violation mitigation estimates and actual AMI readings during the same interval, showing 16 voltage violations mitigated during the identified ADMS/DERMS calculation time intervals.

1. Case 1: A study was conducted with an initial voltage violation count of 247 customers due to a regulator failure. Through mitigations identified in the study, all violations could have been resolved, with 219 being attributed to Active Management.
2. Case 2: A study was conducted on a Control Group 1 feeder with an initial voltage violation count of 136 customers due to an emergency feeder load transfer. Through mitigations identified in the study, all violations could have been resolved, with 46 being attributed to Active Management.
3. Case 3: A study was conducted with an initial voltage violation count of 117 customers due to a stuck regulator. Through mitigations identified in the study, 59 violations could have been resolved, with 16 being attributed to Active Management.

4. Case 4: A study was conducted with an initial voltage violation count of 111 customers due to switching. Through mitigations identified in the study, 65 violations could have been resolved, with 38 being attributed to Active Management.
5. Case 5: A study was conducted with an initial voltage violation count of 175 customers due to high loading. Through mitigations identified in the study, 70 violations could have been resolved, with 23 being attributed to Active Management.
6. Case 6: A review of ADMS/DERMS calculations indicated that 4 low voltage violations would be resolved through an active management action. AMI voltage readings across customer meters showed that 5 voltage violations were resolved during the same time interval.
7. Case 7: A review of ADMS/DERMS calculations indicated that 4 low voltage violations would be resolved through an active management action. AMI voltage readings across customer meters showed that 4 voltage violations were resolved during the same time interval.
8. Case 8: A review of ADMS/DERMS calculations indicated that 3 low voltage violations would be resolved through an active management action. AMI voltage readings across customer meters showed that 2 voltage violations were resolved during the same time interval.
9. Case 9: A review of ADMS/DERMS calculations indicated that 2 low voltage violations would be resolved through an active management action. AMI voltage readings across customer meters showed that 5 voltage violations were resolved during the same time interval.

Use Case #3 – Voltage Violation During Planned Switching

Planned switching occurs when all or a portion of one circuit is transferred to an alternate source (e.g., a different feeder) for a planned de-energization of a portion of the system, often for maintenance or construction. During planned switching, because the system configuration is abnormal and customers may be served from a source that is further away than normal, there is an increased potential for voltage violations to arise. These events are pro-actively studied by PPL Electric to identify any such loading or voltage issues. Although some issues can be addressed with existing voltage regulating equipment, there may be instances where successful switching needs additional equipment installed, phase balancing, or additional load transfers. If any violations are noticed during a planned switching study, DER management will be taken into consideration to decide if active management can support a successful switching event to minimize the installation of additional voltage regulating equipment or other mitigation actions.

As of March 21, 2024, there have been two (2) studies that have identified voltage violation mitigations with the use of settings changes during planned switching events, resulting in $38,000 (Active Management) in PPL Electric cost savings.

- Case 1: *$18,000* – During a substation transfer for maintenance a capacitor bank can be avoided, and voltage violations mitigated through implementation of active management.
- Case 2: *$20,000* – During a substation transfer for maintenance a capacitor bank can be avoided, and voltage violations mitigated through implementation of active management of DER (including one large DER within the application process).

Use Case #4 – System Restoration

When an outage occurs, all DERs within the outage area automatically shut off to avoid unintentional islanding. Following re-energization, the DERs are delayed from reconnecting for five minutes. During

this window, the load the DERs were carrying will need to be sourced and brought online by PPL Electric's network, thereby creating a larger pick-up load than what was measured prior to the outage. The difference between the load measured passing through feeder equipment and the total load served by both the feeder and the DERs is referred to as hidden load. By being aware of the hidden load needing to be supplied by PPL Electric's equipment, restoration can be planned in a safe and effective manner without equipment damage or unexpected overload trips.

As of March 21, 2023, PPL Electric has identified zero restorations that resulted in overloading due to hidden load being picked up. PPL Electric has performed analysis on several feeders to evaluate the potential future risk of such events.

1. Case 1: Using load and DER growth forecasting, 8 highly penetrated feeders were evaluated to determine when a feeder's normal emergency rating would be met, triggering an upgrade. Each feeder was evaluated with and without using DER monitoring for native loads to compare when an upgrade would be needed under each scenario. For 7 feeders, the study showed reinforcements could be deferred 1-4 years longer when implementing DER monitoring for native load.

Use Case #5 – Hidden Load Impact on Load Forecasting

Each year, PPL Electric reviews circuits' summer and winter peak load values to determine overload risks as well as hidden load. The hidden load caused by DERs without telemetry makes the analysis less accurate, which can result in unnecessary capital projects. By monitoring the DERs, hidden load can be accurately accounted for and improve the load models, which could avoid the need for capital investment.

As of March 21, 2024, PPL Electric identified 17.6 MW of hidden load at the system peak load (July 2023) as a result of monitoring data from 33.6 MW of DER at the time of system peak. Detection of this hidden load resulted in 16 MW of additional peak system capacity. PPL Electric has performed analysis on several feeders to evaluate the potential future impact of hidden load on load forecasting.

1. Case 1: Using load and DER growth forecasting, 8 highly penetrated feeders were evaluated to determine the overload risks with hidden (masked) load considered, triggering an upgrade. Each feeder was evaluated with and without using DER monitoring for native loads to compare when an upgrade would be needed under each scenario. For 7 feeders, the study showed reinforcements could be deferred 1-7 years longer when implementing DER monitoring for native load.

Use Case #6 – DER Management Impact on Voltage Management

With DER monitoring, the accuracy of voltage profile studies will improve. Having more voltage data points will eliminate assumptions made today and will provide a more accurate voltage profile for precise studies. Also, having more voltage data points will allow PPL Electric to identify and prioritize system upgrade needs effectively. DER management and volt/var curves will be implemented in the power flow modeling process when applications are reviewed to show the customer cost savings of avoided reinforcements by being able to alleviate voltage violations using smart inverters and ease integration for new and existing DER. The DER data generated will be utilized by the Planning team to

conduct studies and compile a list of voltage violations alleviated through DER monitoring, autonomous grid support functions, and active management.

As of March 21, 2024, a total of five (5) cases have been identified, and they resulted in projected customer cost savings of $231,500, all attributed to autonomous volt/var curves.

1. Case 1: *$5,000* – Can avoid a phase swap through an autonomous volt/var curve.
2. Case 2: *$105,000* – Can avoid 3-phase voltage regulator through an autonomous volt/var curve.
3. Case 3: *$16,500* – Can avoid capacitor bank conversion through an autonomous volt/var curve.
4. Case 4: *$105,000* – Can avoid 3-phase voltage regulator through an autonomous volt/var curve.
5. Case 5: Can avoid voltage violations for 26 customers through an autonomous volt/var curve. Using active management improves feeder head power factor and minimizes line losses.

Use Case #7 – DER Active Management Impact on Hosting Capacity Increase and Deferral of Capital Upgrade

Hosting Capacity is the amount of Distributed Generation that can be added to the distribution system before a load or voltage violation occurs or system reinforcements are required. By monitoring DERs' actual generation, a more accurate study can be conducted for a safe and reliable interconnection of DERs. During interconnection studies, scenarios will be conducted to determine what the cost savings could be for the customer by using measured inverter data and active management functionality. Doing these studies and implementing active management can help ensure cost-effective reinforcements for customers, ease integration, encourage more DER interconnections, and improve hosting capacity.

As of March 21, 2024, PPL Electric has identified three (3) studies which can result in $1,664,000, all attributed to autonomous volt/var curves for customers applying to interconnect to the distribution system.

1. Case 1: *$105k* - Can avoid a 3-phase voltage regulator and mitigate voltage violations for 391 customers through an autonomous volt/var curve.
2. Case 2: *$1,454mil* – Can avoid 2.66 miles of reconductoring 3-phase line through an autonomous volt/var curve.
3. Case 3: *$105k* – Can avoid a 3-phase voltage regulator and mitigate voltage violations for 80 customers through an autonomous volt/var curve.

Use Case #8 – DER Operations in Emergency Conditions and in Active Work Zones

When there is a fire, gas leak, or down conductor reported, PPL Electric's field crews will be sent out to investigate and help resolve the issue. During this response, portions of the distribution system may need to be de-energized for the safety of the public and PPL Electric's workforce. Through DER monitoring, system operators can determine whether there are DERs in the active work zone and the DERs' current status. Through active management, the PPL Electric team can turn off the DERs remotely if they are operating in an area that was intended to be de-energized. As a result, safety risks in operations will be mitigated. During a localized emergency issue behind a single meter, PPL Electric may remotely shut off power at the meter. Having monitoring on the DERs allows PPL Electric to recognize the system is shut off. If the system is still producing when it should be offline, active management will allow the DER system to be shut off allowing for emergency work to safely continue.

As of March 21, 2024, there have been 1,022 outage events that have impacted customers with actively managed DERs and subsequently presented a risk of unintentional islanding. No instances of unintentional islanding were detected. For public safety disconnections, there has been one instance of AMI meter disconnection for public safety that impacted a customer with an actively managed DER. In this case, the DER on/off function was not utilized because the event occurred at night, so the solar DER was not generating at that time.

Additional Use Case #1 – Modifying Volt/Var Curves to Reduce Customer Lost Generation

As a result of PPL Electric's ability to monitor DERs' real and reactive power, PPL Electric can calculate the amount of lost generation experienced by each customer as a result of volt/var curve operations. PPL Electric utilizes this data to identify customers experiencing significantly more lost generation than their peers in order to determine whether modifications to the volt/var curve could increase customer generation capabilities without negatively impacting overall system voltages. To date, PPL Electric has modified 12 customer volt/var curves in order to increase the amount of energy generated by these systems. PPL Electric has also identified two customers within the control groups who would benefit from a modified volt/var curve if PPL Electric were permitted to do so. Case studies for these two customers estimate that they would have experienced additional generation of approximately 106.7 kWh and 52 kWh annually.

Additional Use Case #2 – Identifying Customer System Issues

PPL Electric's ability to monitor DERs' real power allows PPL Electric to detect when customer generation systems have become inoperable. Once this has been detected, PPL Electric can contact customers to ensure they are aware that their system is not producing and take appropriate actions to restore the system to working order. In two example cases, PPL Electric performed a site visit to inspect the DER Management device following a loss of communication and identified that the customer's fuse had blown, preventing their system from producing. PPL Electric notified the customers and their installer to facilitate the restoration of DER production. To date, PPL Electric has contacted 22 customers to notify them of the condition of their DER systems.

Appendix A - DER Installation Data and VVC Points

Unique Customer Identifier	Pilot Group	EQUIPMENT TYPE	System Nameplate kW	ENERGY STORAGE	Legacy RT	X1	X2	X3	X4	X5	X6	Y1	Y2	Y3	Y4	Y5	Y6
58572885	12	SOLAR	10	N/A	X	0.9	0.950	0.960	1.010	1.040	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58616391	12	SOLAR	5	N/A	X	0.9	0.950	0.977	1.037	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58567979	12	SOLAR	6	N/A	X	0.9	0.953	0.973	1.013	1.033	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58567996	12	SOLAR	15.2	N/A	X	0.9	0.950	0.979	1.039	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58570802	12	SOLAR	7.6	N/A	X	0.9	0.980	1.000	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58587901	12	SOLAR	28.8	N/A	X	0.9	0.980	1.000	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58568237	12	SOLAR	10	N/A	X	0.9	0.960	0.990	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58625511	12	SOLAR	7.68	N/A	X	0.9	0.980	1.000	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58568216	12	SOLAR	10	N/A	X	0.9	0.951	0.984	1.031	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58576390	12	SOLAR	6	N/A	X	0.9	0.958	0.988	1.038	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58603334	12	SOLAR	11.4	N/A	X	0.9	0.960	0.990	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58568206	12	SOLAR	12	N/A	X	0.9	0.956	0.986	1.036	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58619627	12	SOLAR	5	N/A	X	0.9	0.950	0.965	1.025	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58569342	12	SOLAR	7.6	N/A	X	0.9	0.950	0.974	1.034	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58620117	12	SOLAR	5.76	N/A	X	0.9	0.960	0.990	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58636733	12	SOLAR	3	N/A	X	0.9	0.963	0.983	1.023	1.043	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58618706	12	SOLAR	10	N/A	X	0.9	0.950	0.980	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58570108	12	SOLAR	7.6	N/A	X	0.9	0.963	0.983	1.023	1.043	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58581315	12	SOLAR	7.6	N/A	X	0.9	0.950	0.960	1.010	1.040	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58592798	12	SOLAR	10	N/A	X	0.9	0.963	0.983	1.023	1.043	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58593048	12	SOLAR	19.2	N/A	X	0.9	0.960	0.990	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58611617	12	SOLAR	7.6	N/A	X	0.9	0.950	0.978	1.038	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58618809	12	SOLAR	11.4	N/A	X	0.9	0.956	0.986	1.036	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58590563	12	SOLAR	7.6	N/A	X	0.9	0.960	0.990	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58621814	12	SOLAR	13.8	N/A	X	0.9	0.960	0.990	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58570074	12	SOLAR	7.6	N/A	X	0.9	0.960	0.990	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58632195	12	SOLAR	12	N/A	X	0.9	0.956	0.986	1.036	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58630214	12	SOLAR	5	N/A	X	0.9	0.958	0.988	1.038	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58593706	12	SOLAR	10	N/A	X	0.9	0.950	0.980	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58571082	12	SOLAR	7.6	N/A	X	0.9	0.950	0.970	1.030	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58591286	12	SOLAR	7.6	N/A	X	0.9	0.980	1.000	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58568409	12	SOLAR	7.6	N/A	X	0.9	0.951	0.981	1.031	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58616798	12	SOLAR	10	N/A	X	0.9	0.950	0.978	1.038	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58595706	12	SOLAR	10	N/A	X	0.9	0.950	0.971	1.031	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58582381	12	SOLAR	13.6	N/A	X	0.9	0.980	1.000	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58618412	12	SOLAR	6	N/A	X	0.9	0.950	0.961	1.021	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58582764	12	SOLAR	10	N/A	X	0.9	0.960	0.990	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58609592	12	SOLAR	19.2	BATTERY	X	0.9	0.980	1.000	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58571233	12	SOLAR	5	N/A	X	0.9	0.956	0.986	1.036	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58568144	12	SOLAR	10	N/A	X	0.9	0.980	1.000	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58593510	12	SOLAR	10	N/A	X	0.9	0.951	0.981	1.031	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58586949	12	SOLAR	10	N/A	X	0.9	0.970	0.990	1.036	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58599013	12	SOLAR	30	N/A	X	0.9	0.960	0.990	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58567987	12	SOLAR	7.6	N/A	X	0.9	0.950	0.965	1.025	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58599273	12	SOLAR	12	N/A	X	0.9	0.980	1.000	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58572655	12	SOLAR	12.6	N/A	X	0.9	0.980	1.000	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58586272	12	SOLAR	7.6	N/A	X	0.9	0.950	0.971	1.031	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58603631	12	SOLAR	10	N/A	X	0.9	0.950	0.964	1.024	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58601490	12	SOLAR	4.8	N/A	X	0.9	0.956	0.976	1.016	1.036	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58607878	12	SOLAR	7.6	N/A	X	0.9	0.950	0.971	1.031	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58620986	12	SOLAR	10	N/A	X	0.9	0.980	1.000	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58601061	12	SOLAR	7.6	N/A	X	0.9	0.960	0.990	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58568176	12	SOLAR	7.6	N/A	X	0.9	0.980	1.000	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58639751	12	SOLAR	7.6	N/A	X	0.9	0.956	0.986	1.036	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58619611	12	SOLAR	3.8	N/A	X	0.9	0.960	0.990	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58614151	12	SOLAR	15.2	N/A	X	0.9	0.954	0.984	1.034	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58624755	12	SOLAR	6	N/A	X	0.9	0.950	0.963	1.023	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58595635	12	SOLAR	11.4	N/A	X	0.9	0.960	0.990	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58568404	12	SOLAR	15.36	N/A	X	0.9	0.980	1.000	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58573549	12	SOLAR	3.8	N/A	X	0.9	0.950	0.962	1.022	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58567992	12	SOLAR	10	N/A	X	0.9	0.958	0.988	1.038	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58612540	12	SOLAR	3	N/A	X	0.9	0.960	0.990	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58577777	12	SOLAR	10.8	BATTERY	X	0.9	0.950	0.969	1.029	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58618808	12	SOLAR	7.68	N/A	X	0.9	0.980	1.000	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58567990	12	SOLAR	10	N/A	X	0.9	0.967	0.987	1.027	1.047	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58589869	12	SOLAR	11.52	N/A	X	0.9	0.960	0.990	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58627259	12	SOLAR	6	N/A	X	0.9	0.950	0.962	1.022	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58568301	12	SOLAR	7.6	N/A	X	0.9	0.959	0.989	1.039	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58631456	12	SOLAR	11.4	N/A	X	0.9	0.980	1.000	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58581751	12	SOLAR	7.6	N/A	X	0.9	0.950	0.969	1.019	1.049	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58596822	12	SOLAR	10	N/A	X	0.9	0.950	0.969	1.029	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58624708	12	SOLAR	10	N/A	X	0.9	0.960	0.990	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58567561	12	SOLAR	15.2	N/A	X	0.9	0.950	0.979	1.039	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58608301	12	SOLAR	10	N/A	X	0.9	0.962	0.982	1.022	1.042	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58600511	12	SOLAR	5	N/A	X	0.9	0.980	1.000	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58618708	12	SOLAR	6	N/A	X	0.9	0.970	0.990	1.030	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58581305	12	SOLAR	6	N/A	X	0.9	0.962	0.982	1.022	1.042	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58569213	12	SOLAR	5	N/A	X	0.9	0.950	0.979	1.039	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58621846	12	SOLAR	9.6	N/A	X	0.9	0.980	1.000	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58569939	12	SOLAR	7.6	N/A	X	0.9	0.950	0.970	1.030	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58568328	12	SOLAR	10	N/A	X	0.9	0.950	0.960	1.010	1.040	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58586116	12	SOLAR	10	N/A	X	0.9	0.950	0.964	1.024	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58589138	12	SOLAR	3.8	N/A	X	0.9	0.980	1.000	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58569265	12	SOLAR	3	N/A	X	0.9	0.950	0.973	1.033	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58630399	12	SOLAR	15.2	N/A	X	0.9	0.972	0.992	1.032	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58597378	12	SOLAR	3.8	N/A	X	0.9	0.976	0.996	1.036	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58622535	12	SOLAR	7.6	N/A	X	0.9	0.980	1.000	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58617958	12	SOLAR	7.6	N/A	X	0.9	0.951	0.981	1.031	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58598975	12	SOLAR	10	N/A	X	0.9	0.950	0.970	1.030	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58621021	12	SOLAR	11	BATTERY	X	0.9	0.960	0.990	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58567534	12	SOLAR	17.6	N/A	X	0.9	0.950	0.969	1.029	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58640301	12	SOLAR	7.6	N/A	X	0.9	0.950	0.976	1.036	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44

58593525	12	SOLAR	11.4	N/A	X	0.9	0.969	0.989	1.029	1.049	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58599115	12	SOLAR	10	N/A	X	0.9	0.963	0.983	1.023	1.043	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58598027	12	SOLAR	3.8	N/A	X	0.9	0.954	0.984	1.034	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58616157	12	SOLAR	10	N/A	X	0.9	0.960	0.990	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58572664	12	SOLAR	7.6	N/A	X	0.9	0.950	0.968	1.028	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58568243	12	SOLAR	11.4	N/A	X	0.9	0.960	0.990	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58577299	12	SOLAR	7.6	N/A	X	0.9	0.950	0.967	1.027	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58620032	12	SOLAR	6	N/A	X	0.9	0.980	1.000	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58569960	12	SOLAR	15.36	BATTERY	X	0.9	0.950	0.975	1.035	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58579916	12	SOLAR	5	N/A	X	0.9	0.958	0.988	1.038	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58601066	12	SOLAR	15.2	N/A	X	0.9	0.960	0.990	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58606639	12	SOLAR	10	N/A	X	0.9	0.950	0.962	1.022	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58568202	12	SOLAR	7.6	N/A	X	0.9	0.978	0.998	1.038	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58568107	12	SOLAR	7.6	N/A	X	0.9	0.974	0.994	1.034	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58592561	12	SOLAR	7.6	N/A	X	0.9	0.959	0.979	1.019	1.039	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58569084	12	SOLAR	10	N/A	X	0.9	0.974	0.994	1.034	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58608084	12	SOLAR	10	N/A	X	0.9	0.980	1.000	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58616687	12	SOLAR	10	N/A	X	0.9	0.950	0.965	1.025	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58591348	12	SOLAR	11.4	N/A	X	0.9	0.950	0.960	1.025	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58568158	12	SOLAR	7.6	N/A	X	0.9	0.950	0.980	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58570177	12	SOLAR	15.2	BATTERY	X	0.9	0.950	0.973	1.033	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58635746	12	SOLAR	5	N/A	X	0.9	0.969	0.989	1.029	1.049	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58571126	12	SOLAR	10	N/A	X	0.9	0.980	1.000	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58606106	12	SOLAR	5	N/A	X	0.9	0.950	0.978	1.038	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58610634	12	SOLAR	5	N/A	X	0.9	0.960	0.990	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58585740	12	SOLAR	6	N/A	X	0.9	0.957	0.987	1.037	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58571232	12	SOLAR	7.6	N/A	X	0.9	0.950	0.979	1.039	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58608296	12	SOLAR	6	N/A	X	0.9	0.978	0.998	1.038	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58598094	12	SOLAR	15.2	BATTERY	X	0.9	0.950	0.967	1.027	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58592300	12	SOLAR	9.8	BATTERY	X	0.9	0.950	0.976	1.036	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58611191	12	SOLAR	3.8	N/A	X	0.9	0.958	0.988	1.038	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58581539	12	SOLAR	3.8	N/A	X	0.9	0.972	0.992	1.032	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58581807	12	SOLAR	13	N/A	X	0.9	0.960	0.990	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58575702	12	SOLAR	7.6	N/A	X	0.9	0.960	0.990	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58615271	12	SOLAR	13.6	N/A	X	0.9	0.960	0.990	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58585203	12	SOLAR	7.6	N/A	X	0.9	0.960	0.990	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58576381	12	SOLAR	9.6	N/A	X	0.9	0.953	0.983	1.033	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58621869	12	SOLAR	10	N/A	X	0.9	0.960	0.990	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58596869	12	SOLAR	7.6	N/A	X	0.9	0.960	0.990	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58626713	12	SOLAR	9.6	N/A	X	0.9	0.960	0.990	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58570705	12	SOLAR	10	N/A	X	0.9	0.954	0.984	1.034	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58567575	12	SOLAR	10	N/A	X	0.9	0.955	0.985	1.035	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58572850	12	SOLAR	11.4	N/A	X	0.9	0.960	0.990	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58570523	12	SOLAR	11.4	N/A	X	0.9	0.974	0.994	1.034	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58570533	12	SOLAR	11.4	N/A	X	0.9	0.979	0.999	1.039	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58591705	12	SOLAR	11.4	N/A	X	0.9	0.950	0.963	1.023	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58567545	12	SOLAR	7.6	N/A	X	0.9	0.956	0.986	1.036	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58605243	12	SOLAR	7.6	N/A	X	0.9	0.960	0.990	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58568241	12	SOLAR	6	N/A	X	0.9	0.958	0.988	1.038	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58576975	12	SOLAR	5	N/A	X	0.9	0.958	0.988	1.038	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58568251	12	SOLAR	10	N/A	X	0.9	0.969	0.989	1.029	1.049	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58609901	12	SOLAR	9.6	BATTERY	X	0.9	0.952	0.982	1.032	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58608169	12	SOLAR	9.6	N/A	X	0.9	0.950	0.978	1.038	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58621443	12	SOLAR	11.4	N/A	X	0.9	0.952	0.982	1.032	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58570801	12	SOLAR	6	N/A	X	0.9	0.956	0.986	1.036	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58587139	12	SOLAR	7.6	N/A	X	0.9	0.955	0.985	1.035	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58587863	12	SOLAR	11.4	N/A	X	0.9	0.960	0.990	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58630733	12	SOLAR	7.6	N/A	X	0.9	0.957	0.987	1.037	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58635598	12	SOLAR	5	N/A	X	0.9	0.958	0.978	1.018	1.038	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58626722	12	SOLAR	6	N/A	X	0.9	0.959	0.989	1.039	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58581398	12	SOLAR	10	N/A	X	0.9	0.980	1.000	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58577274	12	SOLAR	11.4	N/A	X	0.9	0.950	0.973	1.033	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58594828	12	SOLAR	10	N/A	X	0.9	0.953	0.983	1.033	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58577095	12	SOLAR	15.2	N/A	X	0.9	0.950	0.974	1.034	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58609947	12	SOLAR	17.4	N/A	X	0.9	0.950	0.971	1.031	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58584557	12	SOLAR	7.6	N/A	X	0.9	0.960	0.990	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58572272	12	SOLAR	7.6	N/A	X	0.9	0.950	0.960	1.010	1.040	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58576384	12	SOLAR	10	N/A	X	0.9	0.960	0.990	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58608340	12	SOLAR	7.6	N/A	X	0.9	0.950	0.974	1.034	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58598084	12	SOLAR	13	N/A	X	0.9	0.977	0.997	1.037	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58568240	12	SOLAR	3.8	N/A	X	0.9	0.950	0.969	1.019	1.049	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58601910	12	SOLAR	7.6	N/A	X	0.9	0.950	0.972	1.032	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58603633	12	SOLAR	7.6	N/A	X	0.9	0.980	1.000	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58568382	12	SOLAR	3.8	N/A	X	0.9	0.950	0.969	1.019	1.049	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58570798	12	SOLAR	21.4	N/A	X	0.9	0.950	0.988	1.038	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58627225	12	SOLAR	7.6	N/A	X	0.9	0.980	1.000	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58591374	12	SOLAR	10	N/A	X	0.9	0.955	0.985	1.035	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58574222	12	SOLAR	6	N/A	X	0.9	0.950	0.978	1.038	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58637063	12	SOLAR	7.6	N/A	X	0.9	0.950	0.979	1.039	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58570538	12	SOLAR	10	N/A	X	0.9	0.950	0.978	1.038	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58583126	12	SOLAR	7.6	N/A	X	0.9	0.950	0.975	1.035	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58567974	12	SOLAR	16.4	N/A	X	0.9	0.950	0.960	1.010	1.040	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58643026	12	SOLAR	15.2	N/A	X	0.9	0.980	1.000	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58570082	12	SOLAR	10	N/A	X	0.9	0.960	0.980	1.020	1.040	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58617940	12	SOLAR	7.6	N/A	X	0.9	0.980	1.000	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58589665	12	SOLAR	10	N/A	X	0.9	0.971	0.991	1.031	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58569266	12	SOLAR	12.6	N/A	X	0.9	0.980	1.000	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58612229	12	SOLAR	6	N/A	X	0.9	0.950	0.969	1.029	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58567984	12	SOLAR	10	N/A	X	0.9	0.960	0.990	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58579878	12	SOLAR	7.6	N/A	X	0.9	0.950	0.964	1.024	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58592140	12	SOLAR	11.4	N/A	X	0.9	0.950	0.968	1.028	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58605412	12	SOLAR	7.6	N/A	X	0.9	0.958	0.988	1.038	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58608526	12	SOLAR	3.8	N/A	X	0.9	0.950	0.967	1.027	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58646626	12	SOLAR	6	N/A	X	0.9	0.950	0.970	1.030	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44

58569933	12	SOLAR	10	N/A	X	0.9	0.959	0.989	1.039	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58620760	12	SOLAR	5	N/A	X	0.9	0.960	0.990	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58605258	12	SOLAR	3.8	N/A	X	0.9	0.980	1.000	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58639061	12	SOLAR	7.68	BATTERY	X	0.9	0.950	0.976	1.036	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58570613	12	SOLAR	7.68	BATTERY	X	0.9	0.953	0.983	1.033	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58567580	12	SOLAR	5	N/A	X	0.9	0.960	0.990	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58619260	12	SOLAR	10	N/A	X	0.9	0.950	0.971	1.031	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58568151	12	SOLAR	5	N/A	X	0.9	0.960	0.990	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58590013	12	SOLAR	21.4	N/A	X	0.9	0.954	0.984	1.034	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58603183	12	SOLAR	10	N/A	X	0.9	0.951	0.981	1.031	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58583427	12	SOLAR	6	N/A	X	0.9	0.980	1.000	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58647260	12	SOLAR	10	N/A	X	0.9	0.950	0.976	1.036	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58567972	12	SOLAR	3	N/A	X	0.9	0.968	0.988	1.028	1.048	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58568381	12	SOLAR	7.6	N/A	X	0.9	0.959	0.989	1.039	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58711731	12	SOLAR	6	N/A	X	0.9	0.980	1.000	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58570803	12	SOLAR	5	N/A	X	0.9	0.950	0.979	1.039	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58627007	12	SOLAR	7.6	N/A	X	0.9	0.970	0.990	1.030	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58614428	2	SOLAR	7.68	BATTERY	X	0.9	0.980	1.000	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58615233	2	SOLAR	7.6	N/A	X	0.9	0.951	0.971	1.011	1.031	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58601371	2	SOLAR	15.2	N/A	X	0.9	0.950	0.973	1.033	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58588555	2	SOLAR	5	N/A	X	0.9	0.980	1.000	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58604412	2	SOLAR	9.8	N/A	X	0.9	0.960	0.990	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58630990	2	SOLAR	17.4	N/A	X	0.9	0.957	0.987	1.037	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58646830	2	SOLAR	11.4	N/A	X	0.9	0.980	1.000	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58616169	2	SOLAR	7.6	N/A	X	0.9	0.950	0.976	1.036	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58615273	2	SOLAR	17.6	N/A	X	0.9	0.950	0.962	1.002	1.022	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58620525	2	SOLAR	11.4	N/A	X	0.9	0.960	0.990	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58627479	2	SOLAR	13.6	N/A	X	0.9	0.950	0.960	1.020	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58592923	2	SOLAR	7.6	N/A	X	0.9	0.969	0.989	1.029	1.049	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58600510	2	SOLAR	7.6	N/A	X	0.9	0.950	0.974	1.034	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58639442	2	SOLAR	7.6	N/A	X	0.9	0.960	0.990	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58645033	2	SOLAR	10	N/A	X	0.9	0.960	0.990	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58590043	2	SOLAR	11.4	N/A	X	0.9	0.957	0.987	1.037	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58609949	2	SOLAR	13.44	BATTERY	X	0.9	0.952	0.982	1.032	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58617042	2	SOLAR	13.6	N/A	X	0.9	0.959	0.989	1.039	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58632123	2	SOLAR	10	N/A	X	0.9	0.950	0.964	1.024	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58608565	2	SOLAR	10	N/A	X	0.9	0.971	0.991	1.031	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58608524	2	SOLAR	6	N/A	X	0.9	0.960	0.990	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58596538	2	SOLAR	12.48	N/A	X	0.9	0.960	0.990	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58628148	2	SOLAR	10	N/A	X	0.9	0.950	0.968	1.028	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58606070	2	SOLAR	6	N/A	X	0.9	0.950	0.961	1.021	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58589121	2	SOLAR	3.8	N/A	X	0.9	0.970	0.970	1.030	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58590902	2	SOLAR	3.8	N/A	X	0.9	0.950	0.965	1.024	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58607839	2	SOLAR	7.6	N/A	X	0.9	0.977	0.997	1.037	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58632249	2	SOLAR	10	N/A	X	0.9	0.950	0.978	1.038	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58604985	2	SOLAR	16.4	N/A	X	0.9	0.960	0.990	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58598266	2	SOLAR	5	N/A	X	0.9	0.950	0.960	1.010	1.040	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58576356	2	SOLAR	5	N/A	X	0.9	0.950	0.969	1.029	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58587916	2	SOLAR	10	N/A	X	0.9	0.950	0.967	1.027	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58607052	2	SOLAR	7.6	N/A	X	0.9	0.950	0.963	1.023	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58606065	2	SOLAR	5	N/A	X	0.9	0.959	0.989	1.039	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58590905	2	SOLAR	6	N/A	X	0.9	0.960	0.990	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58612425	2	SOLAR	17.4	N/A	X	0.9	0.950	0.976	1.036	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58635182	2	SOLAR	5	N/A	X	0.9	0.980	1.000	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58617555	2	SOLAR	7.6	N/A	X	0.9	0.960	0.990	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58618401	2	SOLAR	11.4	N/A	X	0.9	0.957	0.987	1.037	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58580374	2	SOLAR	3.84	BATTERY	X	0.9	0.950	0.975	1.035	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58619403	2	SOLAR	11.4	N/A	X	0.9	0.950	0.976	1.036	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58595762	2	SOLAR	6	N/A	X	0.9	0.960	0.990	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58586979	2	SOLAR	6	N/A	X	0.9	0.950	0.968	1.028	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58612283	2	SOLAR	10	N/A	X	0.9	0.950	0.976	1.036	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58586229	2	SOLAR	11.4	N/A	X	0.9	0.960	0.990	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58624604	2	SOLAR	7.6	N/A	X	0.9	0.950	0.960	1.010	1.040	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58582204	2	SOLAR	10	N/A	X	0.9	0.960	0.990	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58620403	2	SOLAR	7.6	N/A	X	0.9	0.977	0.997	1.037	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58635233	2	SOLAR	10	N/A	X	0.9	0.980	1.000	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58591017	2	SOLAR	10	N/A	X	0.9	0.950	0.972	1.032	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58620795	2	SOLAR	3.8	N/A	X	0.9	0.950	0.968	1.028	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58597288	2	SOLAR	3.8	N/A	X	0.9	0.960	0.990	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58572900	2	SOLAR	12	N/A	X	0.9	0.950	0.963	1.013	1.043	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58628051	2	SOLAR	11.4	N/A	X	0.9	0.980	1.000	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58630207	2	SOLAR	10	N/A	X	0.9	0.952	0.982	1.032	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58601058	2	SOLAR	7.6	N/A	X	0.9	0.950	0.980	1.030	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58625959	2	SOLAR	5	N/A	X	0.9	0.960	0.990	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58602205	2	SOLAR	10	N/A	X	0.9	0.977	0.997	1.037	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58598225	2	SOLAR	6	N/A	X	0.9	0.953	0.983	1.033	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58630201	2	SOLAR	6	N/A	X	0.9	0.960	0.990	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58626579	2	SOLAR	10	N/A	X	0.9	0.950	0.968	1.028	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58624499	2	SOLAR	11.4	N/A	X	0.9	0.951	0.981	1.031	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58602521	2	SOLAR	11.4	N/A	X	0.9	0.950	0.972	1.032	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58620047	2	SOLAR	10	N/A	X	0.9	0.973	0.993	1.033	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58595752	2	SOLAR	17.6	N/A	X	0.9	0.950	0.966	1.026	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58583697	2	SOLAR	7.6	N/A	X	0.9	0.950	0.962	1.012	1.042	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58611695	2	SOLAR	11.52	BATTERY	X	0.9	0.951	0.981	1.031	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58624777	2	SOLAR	6	N/A	X	0.9	0.956	0.986	1.036	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58588573	2	SOLAR	5	N/A	X	0.9	0.980	1.000	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58606734	2	SOLAR	7.6	N/A	X	0.9	0.960	0.980	1.020	1.040	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58588976	2	SOLAR	4.8	N/A	X	0.9	0.950	0.968	1.025	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58589941	2	SOLAR	5	N/A	X	0.9	0.980	1.000	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58618432	2	SOLAR	10	N/A	X	0.9	0.968	0.988	1.028	1.048	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58612548	2	SOLAR	3	N/A	X	0.9	0.980	1.000	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58572110	2	SOLAR	10	N/A	X	0.9	0.970	0.990	1.030	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58624456	2	SOLAR	6	N/A	X	0.9	0.980	1.000	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58635685	2	SOLAR	11.4	N/A	X	0.9	0.960	0.990	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44

58633079	2	SOLAR	6	N/A	X	0.9	0.975	0.995	1.035	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58589937	2	SOLAR	7.6	N/A	X	0.9	0.950	0.965	1.015	1.045	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58598794	2	SOLAR	11.4	N/A	X	0.9	0.960	0.990	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58627211	2	SOLAR	6	N/A	X	0.9	0.958	0.988	1.038	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58609317	2	SOLAR	10	N/A	X	0.9	0.980	1.000	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58628236	2	SOLAR	5	N/A	X	0.9	0.950	0.965	1.025	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58620959	2	SOLAR	9.6	N/A	X	0.9	0.954	0.984	1.034	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58596513	2	SOLAR	7.6	N/A	X	0.9	0.950	0.979	1.039	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58598632	2	SOLAR	10	N/A	X	0.9	0.950	0.967	1.017	1.047	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58586383	2	SOLAR	10	N/A	X	0.9	0.950	0.972	1.032	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58587690	2	SOLAR	11.4	N/A	X	0.9	0.951	0.981	1.031	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58596264	2	SOLAR	7.6	N/A	X	0.9	0.967	0.987	1.027	1.047	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58608097	2	SOLAR	3.8	N/A	X	0.9	0.960	0.990	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58593758	2	SOLAR	11.4	N/A	X	0.9	0.950	0.972	1.032	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58604561	2	SOLAR	10	N/A	X	0.9	0.973	0.993	1.033	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58618650	2	SOLAR	7.6	N/A	X	0.9	0.975	0.995	1.035	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58609611	2	SOLAR	15.2	N/A	X	0.9	0.950	0.977	1.037	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58592566	2	SOLAR	13.6	N/A	X	0.9	0.957	0.987	1.037	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58592364	2	SOLAR	11.4	BATTERY	X	0.9	0.958	0.988	1.038	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58638032	2	SOLAR	7.6	N/A	X	0.9	0.956	0.986	1.036	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58624693	2	SOLAR	7.6	N/A	X	0.9	0.964	0.984	1.024	1.044	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58615287	2	SOLAR	7.6	N/A	X	0.9	0.952	0.982	1.032	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58621792	2	SOLAR	5	N/A	X	0.9	0.974	0.994	1.034	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58593746	2	SOLAR	14.4	N/A	X	0.9	0.955	0.985	1.035	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58608568	2	SOLAR	6	N/A	X	0.9	0.980	1.000	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58598082	2	SOLAR	13	N/A	X	0.9	0.950	0.981	1.031	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58632255	2	SOLAR	10	N/A	X	0.9	0.950	0.967	1.027	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58630572	2	SOLAR	10.56	N/A	X	0.9	0.953	0.983	1.033	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58598201	2	SOLAR	12	N/A	X	0.9	0.960	0.990	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58737296	2	SOLAR	10	N/A	X	0.9	0.970	0.990	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58584307	2	SOLAR	3.8	N/A	X	0.9	0.950	0.975	1.035	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58609935	2	SOLAR	7.6	N/A	X	0.9	0.951	0.981	1.031	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58616269	2	SOLAR	6	N/A	X	0.9	0.951	0.981	1.031	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58583422	2	SOLAR	7.6	N/A	X	0.9	0.954	0.984	1.034	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58602217	2	SOLAR	3	N/A	X	0.9	0.950	0.974	1.034	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58577784	2	SOLAR	6	BATTERY	X	0.9	0.950	0.967	1.027	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58626624	2	SOLAR	3.8	N/A	X	0.9	0.950	0.976	1.036	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58581196	2	SOLAR	5	N/A	X	0.9	0.950	0.975	1.035	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58613409	2	SOLAR	7.6	N/A	X	0.9	0.950	0.978	1.038	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58633201	2	SOLAR	5	N/A	X	0.9	0.950	0.980	1.030	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58587456	2	SOLAR	10	N/A	X	0.9	0.980	1.000	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58718142	2	SOLAR	10	N/A	X	0.9	0.980	1.000	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58585735	2	SOLAR	6	N/A	X	0.9	0.950	0.972	1.032	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58617849	2	SOLAR	11	BATTERY	X	0.9	0.960	0.990	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58632247	2	SOLAR	7.6	N/A	X	0.9	0.950	0.978	1.038	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58616251	2	SOLAR	11.4	N/A	X	0.9	0.980	1.000	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58581297	2	SOLAR	7.6	N/A	X	0.9	0.950	0.968	1.018	1.048	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58584524	2	SOLAR	10	N/A	X	0.9	0.956	0.986	1.036	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58588762	2	SOLAR	6	N/A	X	0.9	0.967	0.987	1.027	1.047	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58599081	2	SOLAR	10.56	N/A	X	0.9	0.980	1.000	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58584656	2	SOLAR	15.2	N/A	X	0.9	0.960	0.990	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58631669	2	SOLAR	3.8	N/A	X	0.9	0.959	0.989	1.039	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58638640	2	SOLAR	10	N/A	X	0.9	0.950	0.970	1.030	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58625963	2	SOLAR	6	N/A	X	0.9	0.980	1.000	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58622012	2	SOLAR	7.6	N/A	X	0.9	0.980	1.000	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58598254	2	SOLAR	5	N/A	X	0.9	0.950	0.960	1.020	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58637092	2	SOLAR	10	N/A	X	0.9	0.953	0.983	1.033	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58616100	2	SOLAR	7.6	N/A	X	0.9	0.964	0.984	1.024	1.044	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58604721	2	SOLAR	7.6	N/A	X	0.9	0.957	0.987	1.037	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58635316	2	SOLAR	6	N/A	X	0.9	0.980	1.000	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58608351	2	SOLAR	10	N/A	X	0.9	0.980	1.000	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58614456	2	SOLAR	11.4	N/A	X	0.9	0.950	0.976	1.036	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58615830	2	SOLAR	5	N/A	X	0.9	0.980	1.000	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58587272	2	SOLAR	11.52	BATTERY	X	0.9	0.980	1.000	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58575342	2	SOLAR	10	N/A	X	0.9	0.950	0.960	1.010	1.040	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58586956	2	SOLAR	5	N/A	X	0.9	0.955	0.985	1.035	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58581468	2	SOLAR	10	N/A	X	0.9	0.950	0.975	1.035	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58599454	2	SOLAR	10	N/A	X	0.9	0.958	0.988	1.038	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58576584	2	SOLAR	11.4	N/A	X	0.9	0.960	0.990	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58577347	2	SOLAR	19.2	BATTERY	X	0.9	0.960	0.990	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58612555	2	SOLAR	11.4	N/A	X	0.9	0.950	0.965	1.015	1.045	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58598140	2	SOLAR	5	N/A	X	0.9	0.950	0.977	1.037	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58611635	2	SOLAR	5	N/A	X	0.9	0.969	0.989	1.029	1.049	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58592715	2	SOLAR	10	N/A	X	0.9	0.950	0.970	1.030	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58627180	2	SOLAR	10	N/A	X	0.9	0.950	0.990	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58617097	2	SOLAR	10	N/A	X	0.9	0.960	0.990	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58638609	2	SOLAR	7.6	N/A	X	0.9	0.956	0.986	1.036	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58595296	2	SOLAR	16.4	N/A	X	0.9	0.950	0.977	1.037	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58614079	2	SOLAR	10	N/A	X	0.9	0.950	0.966	1.026	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58598019	2	SOLAR	7.68	N/A	X	0.9	0.980	1.000	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58619078	2	SOLAR	11	BATTERY	X	0.9	0.950	0.967	1.017	1.047	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58595641	2	SOLAR	11.4	N/A	X	0.9	0.950	0.969	1.019	1.049	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58605460	2	SOLAR	11.4	BATTERY	X	0.9	0.950	0.960	1.020	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58626606	2	SOLAR	7.6	N/A	X	0.9	0.956	0.986	1.036	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58617194	2	SOLAR	11.4	N/A	X	0.9	0.950	0.967	1.027	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58589433	2	SOLAR	15.36	BATTERY	X	0.9	0.960	0.990	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58594335	2	SOLAR	7.6	N/A	X	0.9	0.950	0.968	1.028	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58616147	2	SOLAR	7.6	N/A	X	0.9	0.950	0.977	1.037	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58583129	2	SOLAR	6	N/A	X	0.9	0.950	0.960	1.020	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58617751	2	SOLAR	7.68	BATTERY	X	0.9	0.952	0.982	1.032	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58615259	2	SOLAR	7.6	N/A	X	0.9	0.977	0.997	1.037	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58585732	2	SOLAR	10	N/A	X	0.9	0.960	0.990	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58624916	2	SOLAR	10	N/A	X	0.9	0.950	0.974	1.034	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58590907	2	SOLAR	11.4	N/A	X	0.9	0.950	0.977	1.037	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44

58630152	2	SOLAR	16	N/A	X	0.9	0.950	0.960	1.010	1.040	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58575457	2	SOLAR	3.8	N/A	X	0.9	0.959	0.989	1.039	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58607593	2	SOLAR	7.6	N/A	X	0.9	0.950	0.978	1.038	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58587448	2	SOLAR	7.6	N/A	X	0.9	0.950	0.970	1.030	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58616094	2	SOLAR	7.68	BATTERY	X	0.9	0.979	0.999	1.039	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58596880	2	SOLAR	7.68	N/A	X	0.9	0.960	0.990	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58597302	2	SOLAR	10	N/A	X	0.9	0.960	0.990	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58627240	2	SOLAR	10	N/A	X	0.9	0.954	0.984	1.034	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58583123	2	SOLAR	11.4	N/A	X	0.9	0.950	0.969	1.019	1.049	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58596558	2	SOLAR	6	N/A	X	0.9	0.980	1.000	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58586476	2	SOLAR	10	N/A	X	0.9	0.957	0.987	1.037	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58620270	2	SOLAR	10	N/A	X	0.9	0.980	1.000	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58611177	2	SOLAR	10	N/A	X	0.9	0.955	0.985	1.035	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58603823	2	SOLAR	12	BATTERY	X	0.9	0.950	0.964	1.024	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58628170	2	SOLAR	10	N/A	X	0.9	0.956	0.976	1.016	1.036	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58601045	2	SOLAR	7.6	N/A	X	0.9	0.968	0.988	1.028	1.048	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58594413	2	SOLAR	7.6	N/A	X	0.9	0.954	0.984	1.034	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58603536	2	SOLAR	7.6	N/A	X	0.9	0.952	0.982	1.032	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58608593	2	SOLAR	7.6	N/A	X	0.9	0.950	0.967	1.027	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58591133	2	SOLAR	7.6	N/A	X	0.9	0.950	0.965	1.025	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58600509	2	SOLAR	15.36	N/A	X	0.9	0.950	0.970	1.030	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58610174	2	SOLAR	7.6	N/A	X	0.9	0.968	0.988	1.028	1.048	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58622086	2	SOLAR	11	N/A	X	0.9	0.950	0.969	1.019	1.049	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58573506	2	SOLAR	10	N/A	X	0.9	0.950	0.970	1.020	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58585463	2	SOLAR	7.6	N/A	X	0.9	0.956	0.986	1.036	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58608404	2	SOLAR	13.44	N/A	X	0.9	0.957	0.987	1.037	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58718346	2	SOLAR	3.8	N/A	X	0.9	0.960	0.990	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58581525	2	SOLAR	10	N/A	X	0.9	0.960	0.990	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58620982	2	SOLAR	7.6	N/A	X	0.9	0.956	0.986	1.036	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58628190	2	SOLAR	13.8	N/A	X	0.9	0.950	0.970	1.030	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58595875	2	SOLAR	10	N/A	X	0.9	0.965	0.986	1.025	1.045	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58627503	2	SOLAR	3.8	N/A	X	0.9	0.980	1.000	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58625797	2	SOLAR	6	N/A	X	0.9	0.954	0.984	1.034	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58610588	2	SOLAR	10	N/A	X	0.9	0.950	0.960	1.010	1.040	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58616385	2	SOLAR	10	N/A	X	0.9	0.957	0.987	1.037	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58599137	2	SOLAR	11.4	N/A	X	0.9	0.979	0.999	1.039	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58615269	2	SOLAR	5	N/A	X	0.9	0.960	0.990	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58610731	2	SOLAR	7.6	N/A	X	0.9	0.960	0.990	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58577286	2	SOLAR	3	N/A	X	0.9	0.950	0.980	1.030	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58631644	2	SOLAR	6	N/A	X	0.9	0.980	1.000	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58589415	2	SOLAR	7.6	N/A	X	0.9	0.950	0.975	1.035	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58625300	2	SOLAR	7.6	N/A	X	0.9	0.980	1.000	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58626674	2	SOLAR	10	N/A	X	0.9	0.958	0.988	1.038	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58630902	2	SOLAR	15.2	N/A	X	0.9	0.973	0.993	1.033	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58620970	2	SOLAR	5	N/A	X	0.9	0.958	0.988	1.038	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58603347	2	SOLAR	15.2	N/A	X	0.9	0.950	0.977	1.037	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58583288	2	SOLAR	11.4	N/A	X	0.9	0.955	0.985	1.035	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58581678	2	SOLAR	9.6	N/A	X	0.9	0.979	0.999	1.039	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58624884	2	SOLAR	3	N/A	X	0.9	0.954	0.984	1.034	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58592858	2	SOLAR	7.6	N/A	X	0.9	0.950	0.963	1.013	1.043	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58636815	2	SOLAR	7.6	N/A	X	0.9	0.950	0.970	1.030	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58576393	2	SOLAR	5	N/A	X	0.9	0.958	0.988	1.038	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58576649	2	SOLAR	7.6	N/A	X	0.9	0.950	0.968	1.018	1.048	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58616111	2	SOLAR	6	N/A	X	0.9	0.960	0.990	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58594419	2	SOLAR	11.4	BATTERY	X	0.9	0.960	0.990	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58635478	2	SOLAR	16	N/A	X	0.9	0.950	0.980	1.030	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58592950	2	SOLAR	3	N/A	X	0.9	0.950	0.965	1.015	1.045	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58591151	2	SOLAR	6	N/A	X	0.9	0.950	0.970	1.010	1.030	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58620976	2	SOLAR	3.8	N/A	X	0.9	0.958	0.988	1.038	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58615346	2	SOLAR	15.2	N/A	X	0.9	0.951	0.981	1.031	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58600544	2	SOLAR	12.6	N/A	X	0.9	0.950	0.974	1.034	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58598977	2	SOLAR	15.2	N/A	X	0.9	0.950	0.978	1.038	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58602774	2	SOLAR	7.6	N/A	X	0.9	0.953	0.983	1.033	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58589917	2	SOLAR	3.8	N/A	X	0.9	0.950	0.978	1.038	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58616834	2	SOLAR	10	N/A	X	0.9	0.950	0.975	1.035	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58632127	2	SOLAR	5	N/A	X	0.9	0.954	0.984	1.034	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58581167	2	SOLAR	15.36	N/A	X	0.9	0.950	0.975	1.035	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58573374	2	SOLAR	13.44	BATTERY	X	0.9	0.959	0.989	1.039	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58595937	2	SOLAR	7.6	N/A	X	0.9	0.957	0.987	1.037	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58630428	2	SOLAR	5	N/A	X	0.9	0.978	0.998	1.038	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58579910	2	SOLAR	7.6	N/A	X	0.9	0.980	1.000	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58597559	2	SOLAR	7.6	N/A	X	0.9	0.950	0.975	1.035	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58585472	2	SOLAR	13.44	N/A	X	0.9	0.955	0.985	1.035	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58612365	2	SOLAR	10	N/A	X	0.9	0.954	0.984	1.034	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58642960	2	SOLAR	6	N/A	X	0.9	0.980	1.000	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58581304	2	SOLAR	10	N/A	X	0.9	0.963	0.983	1.023	1.043	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58594339	2	SOLAR	6	N/A	X	0.9	0.952	0.982	1.032	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58610825	2	SOLAR	12	N/A	X	0.9	0.950	0.974	1.034	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58612640	2	SOLAR	10	N/A	X	0.9	0.967	0.987	1.027	1.047	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58601689	2	SOLAR	14.4	N/A	X	0.9	0.950	0.974	1.034	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58636925	2	SOLAR	9.8	N/A	X	0.9	0.958	0.988	1.038	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58583883	2	SOLAR	10	N/A	X	0.9	0.960	0.990	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58587442	2	SOLAR	7.6	N/A	X	0.9	0.950	0.977	1.037	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58588974	2	SOLAR	5	N/A	X	0.9	0.950	0.963	1.023	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58624899	2	SOLAR	5	N/A	X	0.9	0.950	0.964	1.014	1.044	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58618454	2	SOLAR	6	N/A	X	0.9	0.954	0.984	1.034	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58600512	2	SOLAR	6	N/A	X	0.9	0.960	0.990	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58579503	2	SOLAR	8.64	N/A	X	0.9	0.950	0.977	1.037	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58603378	2	SOLAR	6	N/A	X	0.9	0.950	0.969	1.029	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58635337	2	SOLAR	7.6	N/A	X	0.9	0.960	0.990	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58630365	2	SOLAR	5	N/A	X	0.9	0.950	0.976	1.036	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58593769	2	SOLAR	3.8	N/A	X	0.9	0.958	0.988	1.038	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58641420	2	SOLAR	7.68	N/A	X	0.9	0.955	0.985	1.035	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58608281	2	SOLAR	10	N/A	X	0.9	0.958	0.988	1.038	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44

58621262	2	SOLAR	13.6	N/A	X	0.9	0.958	0.988	1.038	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58612660	2	SOLAR	10	N/A	X	0.9	0.969	0.989	1.029	1.049	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58596237	2	SOLAR	7.6	N/A	X	0.9	0.950	0.966	1.026	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58619601	2	SOLAR	11.4	N/A	X	0.9	0.950	0.975	1.035	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58632822	2	SOLAR	9.8	N/A	X	0.9	0.954	0.984	1.034	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58602447	2	SOLAR	3.8	N/A	X	0.9	0.979	0.999	1.039	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58571240	2	SOLAR	10	N/A	X	0.9	0.950	0.966	1.026	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58591372	2	SOLAR	3.8	N/A	X	0.9	0.955	0.985	1.035	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58625976	2	SOLAR	22.8	N/A	X	0.9	0.952	0.982	1.032	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58626206	2	SOLAR	5	N/A	X	0.9	0.951	0.981	1.031	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58571236	2	SOLAR	6	N/A	X	0.9	0.980	1.000	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58640349	2	SOLAR	10	N/A	X	0.9	0.960	0.990	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58588567	2	SOLAR	7.6	N/A	X	0.9	0.980	1.000	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58595692	2	SOLAR	13	N/A	X	0.9	0.960	0.990	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58579856	2	SOLAR	12	BATTERY	X	0.9	0.980	1.000	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58642583	2	SOLAR	3	N/A	X	0.9	0.957	0.987	1.037	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58632225	2	SOLAR	10	N/A	X	0.9	0.950	0.978	1.038	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58574216	2	SOLAR	6	N/A	X	0.9	0.950	0.973	1.033	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58573355	2	SOLAR	17.28	N/A	X	0.9	0.965	0.985	1.025	1.045	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58618323	2	SOLAR	15	N/A	X	0.9	0.950	0.980	1.030	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58602966	2	SOLAR	15.2	N/A	X	0.9	0.950	0.964	1.014	1.044	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58590387	2	SOLAR	11.4	N/A	X	0.9	0.950	0.960	1.010	1.040	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58633204	2	SOLAR	3.8	N/A	X	0.9	0.950	0.960	1.020	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58630336	2	SOLAR	7.6	N/A	X	0.9	0.977	0.997	1.037	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58588705	2	SOLAR	5	N/A	X	0.9	0.950	0.968	1.028	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58597385	2	SOLAR	10	N/A	X	0.9	0.956	0.986	1.036	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58630508	2	SOLAR	11.4	N/A	X	0.9	0.980	1.000	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58604986	2	SOLAR	7.6	N/A	X	0.9	0.960	0.990	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58584501	2	SOLAR	9.6	N/A	X	0.9	0.980	1.000	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58590908	2	SOLAR	9.84	BATTERY	X	0.9	0.950	0.979	1.039	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58573885	2	SOLAR	3	N/A	X	0.9	0.950	0.980	1.030	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58582195	2	SOLAR	10	N/A	X	0.9	0.950	0.963	1.023	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58639542	2	SOLAR	7.6	N/A	X	0.9	0.956	0.986	1.036	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58635855	2	SOLAR	14.4	N/A	X	0.9	0.950	0.974	1.034	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58578584	2	SOLAR	6	N/A	X	0.9	0.960	0.990	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58627702	2	SOLAR	11.4	N/A	X	0.9	0.960	0.990	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58612217	2	SOLAR	11.4	N/A	X	0.9	0.950	0.978	1.038	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58593347	2	SOLAR	12	BATTERY	X	0.9	0.950	0.966	1.016	1.046	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58624922	2	SOLAR	5	N/A	X	0.9	0.957	0.987	1.037	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58631726	2	SOLAR	6	N/A	X	0.9	0.980	1.000	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58625267	2	SOLAR	6	N/A	X	0.9	0.978	0.998	1.038	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58590045	2	SOLAR	7.6	N/A	X	0.9	0.955	0.985	1.035	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58595754	2	SOLAR	7.6	N/A	X	0.9	0.967	0.987	1.027	1.047	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58630314	2	SOLAR	7.6	N/A	X	0.9	0.960	0.990	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58614751	2	SOLAR	13.44	N/A	X	0.9	0.961	0.981	1.021	1.041	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58579983	2	SOLAR	15.2	N/A	X	0.9	0.950	0.969	1.029	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58611596	2	SOLAR	10	N/A	X	0.9	0.980	1.000	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58577305	2	SOLAR	5	N/A	X	0.9	0.960	0.990	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58605257	2	SOLAR	7.6	N/A	X	0.9	0.950	0.976	1.036	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58581408	2	SOLAR	10	N/A	X	0.9	0.980	1.000	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58606485	2	SOLAR	6	N/A	X	0.9	0.980	1.000	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58575927	2	SOLAR	10	N/A	X	0.9	0.950	0.975	1.035	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58606626	2	SOLAR	10	N/A	X	0.9	0.956	0.986	1.036	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58602241	2	SOLAR	5	N/A	X	0.9	0.960	0.990	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58591526	2	SOLAR	9.6	BATTERY	X	0.9	0.960	0.990	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58595824	2	SOLAR	10	N/A	X	0.9	0.980	1.000	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58605196	2	SOLAR	10	N/A	X	0.9	0.952	0.982	1.032	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58619314	2	SOLAR	3.8	N/A	X	0.9	0.959	0.989	1.039	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58590005	2	SOLAR	10	N/A	X	0.9	0.950	0.965	1.025	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58630122	2	SOLAR	3.8	N/A	X	0.9	0.950	0.961	1.021	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58618870	2	SOLAR	15.2	N/A	X	0.9	0.951	0.981	1.031	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58605403	2	SOLAR	13.8	N/A	X	0.9	0.980	1.000	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58580333	2	SOLAR	7.68	BATTERY	X	0.9	0.950	0.968	1.028	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58619516	2	SOLAR	7.6	BATTERY	X	0.9	0.950	0.965	1.025	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58593700	2	SOLAR	5	N/A	X	0.9	0.960	0.990	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58582640	2	SOLAR	7.6	N/A	X	0.9	0.953	0.983	1.033	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58632012	2	SOLAR	15.2	N/A	X	0.9	0.950	0.963	1.023	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58603375	2	SOLAR	3.8	N/A	X	0.9	0.950	0.980	1.030	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58590158	2	SOLAR	10	N/A	X	0.9	0.950	0.979	1.039	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58616830	2	SOLAR	15.2	N/A	X	0.9	0.951	0.981	1.031	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58630652	2	SOLAR	10	N/A	X	0.9	0.960	0.990	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58581518	2	SOLAR	6	N/A	X	0.9	0.950	0.973	1.033	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58583681	2	SOLAR	7.6	BATTERY	X	0.9	0.960	0.980	1.020	1.040	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58601051	2	SOLAR	6	N/A	X	0.9	0.974	0.994	1.034	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58603491	2	SOLAR	7.6	N/A	X	0.9	0.950	0.968	1.028	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58620110	2	SOLAR	7.6	N/A	X	0.9	0.960	0.990	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58610115	2	SOLAR	7.6	N/A	X	0.9	0.950	0.960	1.010	1.040	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58597529	2	SOLAR	10	BATTERY	X	0.9	0.956	0.986	1.036	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58581801	2	SOLAR	5	N/A	X	0.9	0.980	1.000	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58610643	2	SOLAR	11.4	N/A	X	0.9	0.950	0.964	1.024	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58618434	2	SOLAR	7.6	N/A	X	0.9	0.950	0.980	1.030	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58585727	2	SOLAR	11.4	N/A	X	0.9	0.950	0.964	1.024	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58619374	2	SOLAR	20	N/A	X	0.9	0.960	0.990	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58573357	2	SOLAR	9.6	N/A	X	0.9	0.950	0.960	1.010	1.040	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58615806	2	SOLAR	7.6	N/A	X	0.9	0.951	0.981	1.031	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58617763	2	SOLAR	10.8	BATTERY	X	0.9	0.956	0.986	1.036	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58639637	2	SOLAR	11.4	N/A	X	0.9	0.977	0.997	1.037	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58612350	2	SOLAR	9.6	N/A	X	0.9	0.950	0.974	1.034	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58596875	2	SOLAR	7.6	N/A	X	0.9	0.954	0.984	1.034	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58643051	2	SOLAR	7.6	N/A	X	0.9	0.952	0.982	1.032	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58605239	2	SOLAR	17.6	N/A	X	0.9	0.958	0.988	1.038	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58615837	2	SOLAR	3.8	N/A	X	0.9	0.950	0.977	1.037	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58603950	2	SOLAR	10.56	BATTERY	X	0.9	0.950	0.979	1.039	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58606661	2	SOLAR	10	N/A	X	0.9	0.957	0.987	1.037	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44

58603629	2	SOLAR	6	N/A	X	0.9	0.953	0.983	1.033	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58602231	2	SOLAR	7.6	N/A	X	0.9	0.980	1.000	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58600665	2	SOLAR	10	N/A	X	0.9	0.980	1.000	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58628145	2	SOLAR	3	N/A	X	0.9	0.980	1.000	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58572933	2	SOLAR	15.36	BATTERY	X	0.9	0.951	0.981	1.031	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58592886	2	SOLAR	10	N/A	X	0.9	0.978	0.998	1.038	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58590053	2	SOLAR	15.2	N/A	X	0.9	0.955	0.985	1.035	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58603484	2	SOLAR	7.6	N/A	X	0.9	0.980	1.000	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58580810	2	SOLAR	6	N/A	X	0.9	0.950	0.964	1.024	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58577269	2	SOLAR	6	N/A	X	0.9	0.950	0.970	1.030	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58573345	2	SOLAR	15.2	BATTERY	X	0.9	0.950	0.966	1.016	1.046	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58636804	2	SOLAR	7.6	N/A	X	0.9	0.980	1.000	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58609886	2	SOLAR	10.6	N/A	X	0.9	0.969	0.989	1.029	1.049	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58604730	2	SOLAR	5	N/A	X	0.9	0.973	0.993	1.033	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58579255	2	SOLAR	9.6	N/A	X	0.9	0.950	0.978	1.038	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58631639	2	SOLAR	5	N/A	X	0.9	0.960	0.990	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58581600	2	SOLAR	10	N/A	X	0.9	0.957	0.987	1.037	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58620244	2	SOLAR	6	N/A	X	0.9	0.950	0.968	1.028	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58603152	2	SOLAR	10	N/A	X	0.9	0.956	0.986	1.036	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58617734	2	SOLAR	7.68	BATTERY	X	0.9	0.960	0.990	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58608469	2	SOLAR	6	BATTERY	X	0.9	0.950	0.975	1.035	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58571573	2	SOLAR	10	N/A	X	0.9	0.953	0.983	1.033	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58624356	2	SOLAR	5	N/A	X	0.9	0.980	1.000	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58609340	2	SOLAR	7.68	BATTERY	X	0.9	0.950	0.976	1.036	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58625935	2	SOLAR	3.8	N/A	X	0.9	0.958	0.988	1.038	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58578516	2	SOLAR	10	N/A	X	0.9	0.960	0.990	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58595600	2	SOLAR	6	N/A	X	0.9	0.970	0.990	1.030	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58572488	2	SOLAR	7.6	N/A	X	0.9	0.979	0.999	1.039	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58624871	2	SOLAR	7.6	N/A	X	0.9	0.950	0.967	1.017	1.047	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58581296	2	SOLAR	7.6	N/A	X	0.9	0.950	0.979	1.039	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58612570	2	SOLAR	10	N/A	X	0.9	0.950	0.978	1.038	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58581456	2	SOLAR	3.8	N/A	X	0.9	0.980	1.000	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58611193	2	SOLAR	6	N/A	X	0.9	0.954	0.984	1.034	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58603939	2	SOLAR	7.6	N/A	X	0.9	0.978	0.998	1.038	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58584589	2	SOLAR	9.84	BATTERY	X	0.9	0.980	1.000	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58616969	2	SOLAR	5	N/A	X	0.9	0.950	0.968	1.008	1.028	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58596202	2	SOLAR	7.68	N/A	X	0.9	0.960	0.990	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58571611	2	SOLAR	7.6	N/A	X	0.9	0.980	1.000	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58573793	2	SOLAR	5	N/A	X	0.9	0.956	0.986	1.036	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58641008	2	SOLAR	15.2	N/A	X	0.9	0.950	0.978	1.038	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58625969	2	SOLAR	5	N/A	X	0.9	0.970	0.990	1.030	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58593446	2	SOLAR	9.6	N/A	X	0.9	0.951	0.981	1.031	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58600736	2	SOLAR	11.52	N/A	X	0.9	0.958	0.988	1.038	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58595713	2	SOLAR	10	N/A	X	0.9	0.950	0.980	1.030	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58575701	2	SOLAR	7.6	N/A	X	0.9	0.960	0.990	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58575493	2	SOLAR	7.6	N/A	X	0.9	0.950	0.968	1.028	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58602340	2	SOLAR	10	N/A	X	0.9	0.950	0.975	1.035	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58636750	2	SOLAR	6	N/A	X	0.9	0.950	0.979	1.039	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58581805	2	SOLAR	7.6	N/A	X	0.9	0.950	0.972	1.032	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58631658	2	SOLAR	10	N/A	X	0.9	0.974	0.994	1.034	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58604728	2	SOLAR	15.2	BATTERY	X	0.9	0.950	0.960	1.010	1.040	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58599097	2	SOLAR	7.6	N/A	X	0.9	0.978	0.998	1.038	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58613938	2	SOLAR	7.6	N/A	X	0.9	0.950	0.976	1.036	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58601048	2	SOLAR	7.6	N/A	X	0.9	0.953	0.983	1.033	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58606333	2	SOLAR	7.6	N/A	X	0.9	0.960	0.990	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58627204	2	SOLAR	7.6	N/A	X	0.9	0.960	0.990	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58600505	2	SOLAR	7.68	N/A	X	0.9	0.950	0.961	1.021	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58581687	2	SOLAR	11.4	N/A	X	0.9	0.950	0.968	1.018	1.048	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58616755	2	SOLAR	7.6	N/A	X	0.9	0.950	0.969	1.029	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58599104	2	SOLAR	10	N/A	X	0.9	0.979	0.999	1.039	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58630799	2	SOLAR	7.6	N/A	X	0.9	0.960	0.990	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58599146	2	SOLAR	11.4	N/A	X	0.9	0.950	0.974	1.034	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58618652	2	SOLAR	6	N/A	X	0.9	0.950	0.969	1.019	1.049	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58582220	2	SOLAR	10	N/A	X	0.9	0.950	0.977	1.037	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58604372	2	SOLAR	12	N/A	X	0.9	0.950	0.960	1.010	1.040	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58603600	2	SOLAR	10	N/A	X	0.9	0.952	0.982	1.032	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58585198	2	SOLAR	10	N/A	X	0.9	0.970	0.990	1.030	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58632304	2	SOLAR	10	N/A	X	0.9	0.950	0.974	1.034	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58619386	2	SOLAR	6	N/A	X	0.9	0.950	0.971	1.031	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58581530	2	SOLAR	7.6	N/A	X	0.9	0.960	0.990	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58581534	2	SOLAR	6	N/A	X	0.9	0.980	1.000	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58599578	2	SOLAR	7.6	BATTERY	X	0.9	0.950	0.963	1.013	1.043	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58608104	2	SOLAR	7.6	N/A	X	0.9	0.960	0.990	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58638801	2	SOLAR	7.6	N/A	X	0.9	0.960	0.990	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58607683	2	SOLAR	10	N/A	X	0.9	0.950	0.973	1.033	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58615859	2	SOLAR	10	N/A	X	0.9	0.959	0.989	1.039	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58602196	2	SOLAR	11.4	N/A	X	0.9	0.950	0.967	1.027	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58632881	2	SOLAR	6	N/A	X	0.9	0.956	0.986	1.036	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58609675	2	SOLAR	10	N/A	X	0.9	0.960	0.990	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58589906	2	SOLAR	3.8	N/A	X	0.9	0.974	0.994	1.034	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58579594	2	SOLAR	15.2	N/A	X	0.9	0.980	1.000	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58606953	2	SOLAR	10	N/A	X	0.9	0.975	0.995	1.035	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58636998	2	SOLAR	5	N/A	X	0.9	0.950	0.972	1.032	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58607502	2	SOLAR	10	N/A	X	0.9	0.950	0.966	1.016	1.046	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58605938	2	SOLAR	12.48	N/A	X	0.9	0.960	0.990	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58571238	2	SOLAR	7.6	N/A	X	0.9	0.950	0.962	1.012	1.042	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58633223	2	SOLAR	3.8	N/A	X	0.9	0.956	0.986	1.036	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58585723	2	SOLAR	11.4	N/A	X	0.9	0.980	1.000	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58614820	2	SOLAR	9.8	N/A	X	0.9	0.951	0.981	1.031	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58616399	2	SOLAR	5	N/A	X	0.9	0.960	0.990	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58610554	2	SOLAR	13.6	N/A	X	0.9	0.960	0.990	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58587452	2	SOLAR	6	N/A	X	0.9	0.960	0.990	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58615926	2	SOLAR	7.6	N/A	X	0.9	0.950	0.973	1.033	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58603518	2	SOLAR	9.6	N/A	X	0.9	0.958	0.988	1.038	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44

58572637	2	SOLAR	15.2	N/A	X	0.9	0.950	0.966	1.026	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58598250	2	SOLAR	11.52	BATTERY	X	0.9	0.950	0.967	1.027	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58611110	2	SOLAR	9.6	N/A	X	0.9	0.963	0.983	1.023	1.043	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58613071	2	SOLAR	6	N/A	X	0.9	0.950	0.963	1.023	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58601848	2	SOLAR	7.6	N/A	X	0.9	0.950	0.990	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58635185	2	SOLAR	6	N/A	X	0.9	0.960	0.990	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58620261	2	SOLAR	20	N/A	X	0.9	0.960	0.990	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58583416	2	SOLAR	7.6	N/A	X	0.9	0.950	0.968	1.028	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58597316	2	SOLAR	7.6	N/A	X	0.9	0.950	0.968	1.028	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58579168	2	SOLAR	7.6	BATTERY	X	0.9	0.980	1.000	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58603859	2	SOLAR	11.4	N/A	X	0.9	0.955	0.985	1.035	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58604916	2	SOLAR	10.6	N/A	X	0.9	0.957	0.987	1.037	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58639735	2	SOLAR	9.8	N/A	X	0.9	0.950	0.979	1.039	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58588769	2	SOLAR	10	N/A	X	0.9	0.954	0.984	1.034	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58575258	2	SOLAR	7.6	N/A	X	0.9	0.960	0.990	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58588629	2	SOLAR	13.68	BATTERY	X	0.9	0.980	1.000	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58577100	2	SOLAR	19.2	BATTERY	X	0.9	0.950	0.966	1.026	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58607853	2	SOLAR	5	N/A	X	0.9	0.960	0.990	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58603873	2	SOLAR	5	N/A	X	0.9	0.980	1.000	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58592524	2	SOLAR	19	N/A	X	0.9	0.950	0.968	1.018	1.048	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58627195	2	SOLAR	5	N/A	X	0.9	0.950	0.980	1.030	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58599609	2	SOLAR	7.6	N/A	X	0.9	0.980	1.000	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58615876	2	SOLAR	7.6	N/A	X	0.9	0.973	0.993	1.033	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58577106	2	SOLAR	15.2	BATTERY	X	0.9	0.950	0.975	1.035	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58592770	2	SOLAR	10	N/A	X	0.9	0.954	0.984	1.034	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58617004	2	SOLAR	7.6	N/A	X	0.9	0.950	0.970	1.030	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58601977	2	SOLAR	10	N/A	X	0.9	0.950	0.980	1.030	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58616148	2	SOLAR	3.8	N/A	X	0.9	0.950	0.971	1.031	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58606797	2	SOLAR	7.6	N/A	X	0.9	0.950	0.979	1.039	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58592569	2	SOLAR	5	N/A	X	0.9	0.960	0.990	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58603870	2	SOLAR	3	N/A	X	0.9	0.950	0.975	1.035	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58603727	2	SOLAR	9.6	N/A	X	0.9	0.951	0.981	1.031	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58608630	2	SOLAR	11.4	BATTERY	X	0.9	0.950	0.960	1.020	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58593938	2	SOLAR	15.36	N/A	X	0.9	0.980	1.000	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58585496	2	SOLAR	13.44	N/A	X	0.9	0.980	1.000	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58574209	2	SOLAR	10	N/A	X	0.9	0.950	0.979	1.039	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58609220	2	SOLAR	7.6	N/A	X	0.9	0.950	0.969	1.029	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58590151	2	SOLAR	15.36	N/A	X	0.9	0.950	0.979	1.039	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58620771	2	SOLAR	3.8	N/A	X	0.9	0.978	0.998	1.038	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58636808	2	SOLAR	5	N/A	X	0.9	0.957	0.987	1.037	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58625309	2	SOLAR	7.68	N/A	X	0.9	0.950	0.980	1.030	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58628196	2	SOLAR	7.6	N/A	X	0.9	0.952	0.982	1.032	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58619284	2	SOLAR	20	N/A	X	0.9	0.950	0.963	1.013	1.043	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58604714	2	SOLAR	5	N/A	X	0.9	0.950	0.970	1.030	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58581474	2	SOLAR	7.6	N/A	X	0.9	0.950	0.970	1.030	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58590279	2	SOLAR	12	N/A	X	0.9	0.950	0.970	1.017	1.030	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58625548	2	SOLAR	14.4	N/A	X	0.9	0.950	0.963	1.023	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58576292	2	SOLAR	6	N/A	X	0.9	0.968	0.988	1.028	1.048	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58574243	2	SOLAR	7.6	N/A	X	0.9	0.952	0.982	1.032	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58641120	2	SOLAR	11.4	N/A	X	0.9	0.950	0.977	1.037	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58635897	2	SOLAR	15.2	N/A	X	0.9	0.960	0.990	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58592411	2	SOLAR	24	BATTERY	X	0.9	0.950	0.973	1.033	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58591297	2	SOLAR	6	N/A	X	0.9	0.950	0.976	1.036	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58639790	2	SOLAR	5.76	N/A	X	0.9	0.980	1.000	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58582200	2	SOLAR	10	N/A	X	0.9	0.950	0.977	1.037	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58597355	2	SOLAR	11.4	N/A	X	0.9	0.960	0.990	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58585486	2	SOLAR	3.8	N/A	X	0.9	0.957	0.987	1.037	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58624490	2	SOLAR	10	N/A	X	0.9	0.951	0.981	1.031	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58630313	2	SOLAR	5	N/A	X	0.9	0.980	1.000	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58622506	2	SOLAR	12	N/A	X	0.9	0.960	0.990	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58572921	2	SOLAR	13.44	N/A	X	0.9	0.956	0.986	1.036	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58592758	2	SOLAR	7.6	N/A	X	0.9	0.954	0.984	1.034	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58613344	2	SOLAR	7.6	N/A	X	0.9	0.960	0.990	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58607510	2	SOLAR	6	N/A	X	0.9	0.950	0.973	1.033	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58614022	2	SOLAR	5	N/A	X	0.9	0.950	0.979	1.039	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58589773	2	SOLAR	7.68	N/A	X	0.9	0.951	0.981	1.031	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58639593	2	SOLAR	13.6	N/A	X	0.9	0.950	0.973	1.033	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58625979	2	SOLAR	3	N/A	X	0.9	0.956	0.976	1.016	1.036	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58637044	2	SOLAR	7.6	N/A	X	0.9	0.980	1.000	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58639704	2	SOLAR	7.6	N/A	X	0.9	0.980	1.000	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58582227	2	SOLAR	11.4	N/A	X	0.9	0.980	1.000	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58586492	2	SOLAR	7.6	N/A	X	0.9	0.960	0.990	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58619616	2	SOLAR	6	N/A	X	0.9	0.980	1.000	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58592387	2	SOLAR	7.68	N/A	X	0.9	0.955	0.985	1.035	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58635533	2	SOLAR	11.4	N/A	X	0.9	0.950	0.976	1.036	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58581293	2	SOLAR	10	N/A	X	0.9	0.963	0.983	1.023	1.043	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58638778	2	SOLAR	11	N/A	X	0.9	0.976	0.996	1.036	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58592552	2	SOLAR	13.6	N/A	X	0.9	0.980	1.000	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58625436	2	SOLAR	7.6	N/A	X	0.9	0.980	1.000	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58603496	2	SOLAR	7.68	N/A	X	0.9	0.954	0.984	1.034	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58585207	2	SOLAR	7.6	N/A	X	0.9	0.960	0.990	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58605308	2	SOLAR	7.6	N/A	X	0.9	0.980	1.000	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58602788	2	SOLAR	7.6	N/A	X	0.9	0.980	1.000	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58625498	2	SOLAR	3.8	N/A	X	0.9	0.968	0.988	1.028	1.048	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58618456	2	SOLAR	10	N/A	X	0.9	0.959	0.989	1.039	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58638657	2	SOLAR	11.4	N/A	X	0.9	0.960	0.990	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58637230	2	SOLAR	10	N/A	X	0.9	0.976	0.996	1.036	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58618934	2	SOLAR	10	N/A	X	0.9	0.950	0.977	1.037	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58620694	2	SOLAR	10	N/A	X	0.9	0.973	0.993	1.033	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58616085	2	SOLAR	6	N/A	X	0.9	0.950	0.960	1.010	1.040	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58603157	2	SOLAR	10	N/A	X	0.9	0.968	0.988	1.028	1.048	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58631682	2	SOLAR	11.4	N/A	X	0.9	0.972	0.992	1.032	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58619925	2	SOLAR	10	N/A	X	0.9	0.959	0.989	1.039	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58603670	2	SOLAR	7.68	BATTERY	X	0.9	0.950	0.967	1.017	1.047	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44

58597446	2	SOLAR	7.6	N/A	X	0.9	0.953	0.983	1.033	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58632312	2	SOLAR	7.6	N/A	X	0.9	0.980	1.000	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58618424	2	SOLAR	7.6	N/A	X	0.9	0.960	0.990	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58586958	2	SOLAR	6	N/A	X	0.9	0.960	0.990	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58606826	2	SOLAR	7.6	N/A	X	0.9	0.950	0.967	1.027	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58581809	2	SOLAR	7.6	N/A	X	0.9	0.950	0.973	1.033	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58613011	2	SOLAR	7.6	BATTERY	X	0.9	0.957	0.987	1.037	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58581344	2	SOLAR	11.4	N/A	X	0.9	0.975	0.995	1.035	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58595707	2	SOLAR	10	N/A	X	0.9	0.980	1.000	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58599803	2	SOLAR	7.6	BATTERY	X	0.9	0.980	1.000	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58631725	2	SOLAR	9.8	N/A	X	0.9	0.957	0.987	1.037	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58614229	2	SOLAR	19	N/A	X	0.9	0.955	0.985	1.035	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58617897	2	SOLAR	11.4	N/A	X	0.9	0.950	0.964	1.024	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58596194	2	SOLAR	13.6	N/A	X	0.9	0.950	0.978	1.038	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58589939	2	SOLAR	12	BATTERY	X	0.9	0.960	0.990	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58615290	2	SOLAR	3.8	N/A	X	0.9	0.968	0.988	1.028	1.048	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58598780	2	SOLAR	10	N/A	X	0.9	0.980	1.000	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58588568	2	SOLAR	3.8	N/A	X	0.9	0.950	0.976	1.036	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58640363	2	SOLAR	10	N/A	X	0.9	0.979	0.999	1.039	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58606058	2	SOLAR	7.6	N/A	X	0.9	0.970	0.990	1.030	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58609443	2	SOLAR	7.6	N/A	X	0.9	0.950	0.971	1.031	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58632141	2	SOLAR	10	N/A	X	0.9	0.950	0.962	1.022	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58603163	2	SOLAR	3.8	N/A	X	0.9	0.960	0.990	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58607682	2	SOLAR	10	N/A	X	0.9	0.960	0.990	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58639041	2	SOLAR	3.8	N/A	X	0.9	0.950	0.968	1.028	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58611229	2	SOLAR	6	N/A	X	0.9	0.960	0.990	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58615716	2	SOLAR	7.6	N/A	X	0.9	0.960	0.990	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58576848	2	SOLAR	5	N/A	X	0.9	0.970	0.990	1.030	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58620796	2	SOLAR	10	N/A	X	0.9	0.979	0.990	1.039	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58640935	2	SOLAR	6	N/A	X	0.9	0.958	0.988	1.038	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58606077	2	SOLAR	6	N/A	X	0.9	0.970	0.990	1.030	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58595694	2	SOLAR	24	BATTERY	X	0.9	0.950	0.966	1.026	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58612266	2	SOLAR	11.4	N/A	X	0.9	0.950	0.966	1.026	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58585508	2	SOLAR	7.6	N/A	X	0.9	0.950	0.963	1.023	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58641221	2	SOLAR	7.6	N/A	X	0.9	0.950	0.971	1.031	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58579906	2	SOLAR	11.4	N/A	X	0.9	0.956	0.986	1.036	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58607053	2	SOLAR	11.4	N/A	X	0.9	0.960	0.990	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58578488	2	SOLAR	17.6	N/A	X	0.9	0.950	0.972	1.032	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58589984	2	SOLAR	3.84	BATTERY	X	0.9	0.950	0.978	1.038	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58582243	2	SOLAR	15.36	N/A	X	0.9	0.952	0.982	1.032	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58577011	2	SOLAR	11.4	N/A	X	0.9	0.950	0.963	1.013	1.043	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58579961	2	SOLAR	7.6	N/A	X	0.9	0.950	0.967	1.027	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58612625	2	SOLAR	5	N/A	X	0.9	0.960	0.990	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58588755	2	SOLAR	14.4	N/A	X	0.9	0.960	0.990	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58616226	2	SOLAR	9.6	N/A	X	0.9	0.960	0.990	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58592557	2	SOLAR	10	N/A	X	0.9	0.950	0.964	1.024	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58626977	2	SOLAR	10	N/A	X	0.9	0.959	0.989	1.039	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58636758	2	SOLAR	7.6	N/A	X	0.9	0.960	0.990	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58592583	2	SOLAR	5	N/A	X	0.9	0.960	0.990	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58573364	2	SOLAR	8.64	N/A	X	0.9	0.954	0.984	1.034	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58580162	2	SOLAR	12	N/A	X	0.9	0.950	0.978	1.038	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58635842	2	SOLAR	6	N/A	X	0.9	0.960	0.990	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58601064	2	SOLAR	7.6	N/A	X	0.9	0.950	0.972	1.032	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58608574	2	SOLAR	17.28	BATTERY	X	0.9	0.960	0.990	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58579917	2	SOLAR	5	N/A	X	0.9	0.951	0.981	1.031	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58631914	2	SOLAR	9.8	N/A	X	0.9	0.960	0.990	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58612436	2	SOLAR	5	N/A	X	0.9	0.950	0.974	1.034	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58607959	2	SOLAR	11.52	BATTERY	X	0.9	0.960	0.990	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58637120	2	SOLAR	7.6	N/A	X	0.9	0.950	0.967	1.017	1.047	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58626716	2	SOLAR	7.68	BATTERY	X	0.9	0.953	0.983	1.033	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58603891	2	SOLAR	23.04	N/A	X	0.9	0.960	0.990	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58604710	2	SOLAR	6	N/A	X	0.9	0.950	0.974	1.034	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58612402	2	SOLAR	10	N/A	X	0.9	0.950	0.977	1.037	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58603437	2	SOLAR	5	N/A	X	0.9	0.977	0.997	1.037	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58581436	2	SOLAR	5	N/A	X	0.9	0.960	0.990	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58630482	2	SOLAR	5	N/A	X	0.9	0.950	0.964	1.024	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58624473	2	SOLAR	7.6	N/A	X	0.9	0.950	0.979	1.039	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58625435	2	SOLAR	12	N/A	X	0.9	0.950	0.975	1.035	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58630170	2	SOLAR	12	N/A	X	0.9	0.950	0.973	1.033	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58624728	2	SOLAR	5	N/A	X	0.9	0.950	0.978	1.038	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58616927	2	SOLAR	12	N/A	X	0.9	0.980	1.000	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58622526	2	SOLAR	6	N/A	X	0.9	0.960	0.990	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58581288	2	SOLAR	3	N/A	X	0.9	0.950	0.979	1.039	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58627002	2	SOLAR	10	N/A	X	0.9	0.960	0.990	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58615916	2	SOLAR	13.6	N/A	X	0.9	0.956	0.986	1.036	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58613389	2	SOLAR	11.4	N/A	X	0.9	0.950	0.968	1.028	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58609665	2	SOLAR	5	N/A	X	0.9	0.950	0.974	1.034	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58575158	2	SOLAR	10	N/A	X	0.9	0.958	0.988	1.038	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58630164	2	SOLAR	5	N/A	X	0.9	0.959	0.989	1.039	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58626969	2	SOLAR	3.8	N/A	X	0.9	0.950	0.973	1.033	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58604516	2	SOLAR	10	N/A	X	0.9	0.951	0.981	1.031	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58586265	2	SOLAR	3.8	N/A	X	0.9	0.957	0.987	1.037	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58599662	2	SOLAR	22.8	N/A	X	0.9	0.950	0.973	1.033	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58596773	2	SOLAR	3.8	N/A	X	0.9	0.960	0.990	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58614295	2	SOLAR	5	N/A	X	0.9	0.980	1.000	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58589322	2	SOLAR	7.6	N/A	X	0.9	0.950	0.967	1.027	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58592350	2	SOLAR	10	N/A	X	0.9	0.955	0.985	1.035	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58593771	2	SOLAR	6	N/A	X	0.9	0.954	0.984	1.034	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58630188	2	SOLAR	11.4	N/A	X	0.9	0.957	0.987	1.037	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58626064	2	SOLAR	6	N/A	X	0.9	0.980	1.000	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58572156	2	SOLAR	24	BATTERY	X	0.9	0.959	0.989	1.039	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58605213	2	SOLAR	5	N/A	X	0.9	0.950	0.977	1.037	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58606632	2	SOLAR	7.6	N/A	X	0.9	0.952	0.982	1.032	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58591320	2	SOLAR	6	N/A	X	0.9	0.960	0.990	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44

58603628	2	SOLAR	11.4	N/A	X	0.9	0.956	0.986	1.036	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58601662	2	SOLAR	7.6	N/A	X	0.9	0.955	0.985	1.035	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58581311	2	SOLAR	7.6	N/A	X	0.9	0.980	1.000	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58616179	2	SOLAR	15.2	N/A	X	0.9	0.956	0.986	1.036	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58612210	2	SOLAR	10	N/A	X	0.9	0.950	0.980	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58583679	2	SOLAR	11.4	N/A	X	0.9	0.980	1.000	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58600906	2	SOLAR	15.2	N/A	X	0.9	0.950	0.962	1.022	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58581208	2	SOLAR	7.6	N/A	X	0.9	0.950	0.967	1.027	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58632124	2	SOLAR	3.8	N/A	X	0.9	0.970	0.991	1.031	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58583973	2	SOLAR	3	N/A	X	0.9	0.950	0.976	1.036	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58638530	2	SOLAR	10	N/A	X	0.9	0.950	0.977	1.037	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58638948	2	SOLAR	5	N/A	X	0.9	0.980	1.000	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58571388	2	SOLAR	12	N/A	X	0.9	0.980	1.000	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58609227	2	SOLAR	11	N/A	X	0.9	0.960	0.990	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58637050	2	SOLAR	10	N/A	X	0.9	0.950	0.966	1.026	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58635492	2	SOLAR	5	N/A	X	0.9	0.980	1.000	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58601524	2	SOLAR	10	N/A	X	0.9	0.980	1.000	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58610165	2	SOLAR	6	N/A	X	0.9	0.950	0.975	1.035	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58573231	2	SOLAR	10	N/A	X	0.9	0.960	0.990	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58581774	2	SOLAR	5	N/A	X	0.9	0.950	0.961	1.021	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58571756	2	SOLAR	11.4	N/A	X	0.9	0.960	0.990	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58576367	2	SOLAR	10	N/A	X	0.9	0.953	0.983	1.033	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58610919	2	SOLAR	7.6	N/A	X	0.9	0.950	0.974	1.034	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58611620	2	SOLAR	11.4	BATTERY	X	0.9	0.950	0.977	1.037	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58604746	2	SOLAR	11.4	N/A	X	0.9	0.972	0.992	1.032	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58621670	2	SOLAR	5	N/A	X	0.9	0.980	1.000	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58573725	2	SOLAR	11.4	N/A	X	0.9	0.974	0.994	1.034	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58613958	2	SOLAR	6	N/A	X	0.9	0.960	0.990	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58624097	2	SOLAR	10	N/A	X	0.9	0.960	0.990	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58602518	2	SOLAR	5	N/A	X	0.9	0.950	0.976	1.036	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58595696	2	SOLAR	21.12	N/A	X	0.9	0.980	1.000	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58616893	2	SOLAR	15.2	N/A	X	0.9	0.970	0.990	1.030	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58632069	2	SOLAR	6	N/A	X	0.9	0.960	0.990	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58613928	2	SOLAR	3.8	N/A	X	0.9	0.961	0.981	1.021	1.041	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58615925	2	SOLAR	7.6	N/A	X	0.9	0.950	0.973	1.033	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58632106	2	SOLAR	6	N/A	X	0.9	0.975	0.995	1.035	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58643016	2	SOLAR	6	N/A	X	0.9	0.960	0.990	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58582233	2	SOLAR	7.6	N/A	X	0.9	0.950	0.969	1.019	1.049	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58590395	2	SOLAR	10	N/A	X	0.9	0.980	1.000	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58617838	2	SOLAR	7.68	BATTERY	X	0.9	0.958	0.988	1.038	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58621819	2	SOLAR	9.8	BATTERY	X	0.9	0.953	0.983	1.033	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58627440	2	SOLAR	6	N/A	X	0.9	0.960	0.990	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58576598	2	SOLAR	6	N/A	X	0.9	0.955	0.985	1.035	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58583768	2	SOLAR	10	N/A	X	0.9	0.950	0.973	1.033	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58608044	2	SOLAR	10	N/A	X	0.9	0.956	0.986	1.036	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58621798	2	SOLAR	10	N/A	X	0.9	0.950	0.969	1.029	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58590117	2	SOLAR	7.6	N/A	X	0.9	0.960	0.990	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58627637	2	SOLAR	7.6	N/A	X	0.9	0.978	0.998	1.038	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58638899	2	SOLAR	3	N/A	X	0.9	0.960	0.990	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58589668	2	SOLAR	12	N/A	X	0.9	0.960	0.980	1.020	1.040	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58588550	2	SOLAR	7.6	N/A	X	0.9	0.960	0.990	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58606261	2	SOLAR	7.68	N/A	X	0.9	0.960	0.990	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58609716	2	SOLAR	15	N/A	X	0.9	0.950	0.980	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58591790	2	SOLAR	13.6	N/A	X	0.9	0.980	1.000	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58604396	2	SOLAR	12.48	N/A	X	0.9	0.960	0.990	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58609429	2	SOLAR	10	N/A	X	0.9	0.956	0.986	1.036	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58618391	2	SOLAR	6	N/A	X	0.9	0.950	0.978	1.038	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58614184	2	SOLAR	7.6	N/A	X	0.9	0.952	0.982	1.032	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58603869	2	SOLAR	10	N/A	X	0.9	0.980	1.000	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58598101	2	SOLAR	12.6	N/A	X	0.9	0.957	0.987	1.037	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58601959	2	SOLAR	7.6	N/A	X	0.9	0.951	0.981	1.031	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58576925	2	SOLAR	13.44	N/A	X	0.9	0.980	1.000	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58620953	2	SOLAR	15	N/A	X	0.9	0.950	0.968	1.018	1.048	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58613359	2	SOLAR	7.6	N/A	X	0.9	0.976	0.996	1.036	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58622527	2	SOLAR	8	N/A	X	0.9	0.951	0.981	1.031	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58627035	2	SOLAR	6	N/A	X	0.9	0.980	1.000	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58609606	2	SOLAR	10	N/A	X	0.9	0.950	0.971	1.031	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58595659	2	SOLAR	11.4	N/A	X	0.9	0.950	0.979	1.039	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58631385	2	SOLAR	6	N/A	X	0.9	0.950	0.970	1.030	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58606328	2	SOLAR	6	N/A	X	0.9	0.960	0.990	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58572849	2	SOLAR	10	N/A	X	0.9	0.952	0.982	1.032	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58591111	2	SOLAR	15.2	N/A	X	0.9	0.950	0.976	1.036	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58622533	2	SOLAR	7.6	N/A	X	0.9	0.960	0.990	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58595826	2	SOLAR	7.6	N/A	X	0.9	0.950	0.970	1.030	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58573810	2	SOLAR	13.8	BATTERY	X	0.9	0.960	0.990	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58627454	2	SOLAR	6	N/A	X	0.9	0.980	1.000	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58642620	2	SOLAR	5.76	N/A	X	0.9	0.950	0.969	1.029	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58620963	2	SOLAR	6	N/A	X	0.9	0.960	0.990	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58630461	2	SOLAR	7.6	N/A	X	0.9	0.950	0.961	1.021	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58596537	2	SOLAR	10	N/A	X	0.9	0.974	0.994	1.034	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58610110	2	SOLAR	7.6	N/A	X	0.9	0.950	0.973	1.033	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58588673	2	SOLAR	5	N/A	X	0.9	0.950	0.960	1.000	1.020	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58642951	2	SOLAR	3.8	N/A	X	0.9	0.950	0.970	1.030	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58603855	2	SOLAR	7.6	N/A	X	0.9	0.950	0.977	1.037	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58602202	2	SOLAR	3.8	N/A	X	0.9	0.950	0.967	1.027	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58601936	2	SOLAR	10	N/A	X	0.9	0.970	0.990	1.030	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58626664	2	SOLAR	10	N/A	X	0.9	0.950	0.975	1.035	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58590107	2	SOLAR	10	N/A	X	0.9	0.980	1.000	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58584301	2	SOLAR	12	N/A	X	0.9	0.960	0.990	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58585736	2	SOLAR	11.4	N/A	X	0.9	0.959	0.989	1.039	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58601054	2	SOLAR	10	N/A	X	0.9	0.952	0.982	1.032	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58620763	2	SOLAR	7.6	N/A	X	0.9	0.956	0.986	1.036	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58583367	2	SOLAR	7.6	BATTERY	X	0.9	0.950	0.975	1.035	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58599751	2	SOLAR	10	N/A	X	0.9	0.950	0.974	1.034	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44

58624353	2	SOLAR	10	N/A	X	0.9	0.960	0.990	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58631382	2	SOLAR	7.6	N/A	X	0.9	0.955	0.985	1.035	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58573980	2	SOLAR	11.4	N/A	X	0.9	0.960	0.990	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58630984	2	SOLAR	16	N/A	X	0.9	0.950	0.976	1.036	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58612468	2	SOLAR	15	N/A	X	0.9	0.980	1.000	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58590888	2	SOLAR	10	N/A	X	0.9	0.953	0.983	1.033	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58575042	2	SOLAR	12	N/A	X	0.9	0.960	0.990	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58578099	2	SOLAR	10	N/A	X	0.9	0.950	0.960	1.010	1.040	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58625583	2	SOLAR	7.6	N/A	X	0.9	0.960	0.990	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58590432	2	SOLAR	10	N/A	X	0.9	0.950	0.967	1.027	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58621600	2	SOLAR	10	N/A	X	0.9	0.950	0.974	1.034	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58628050	2	SOLAR	10	N/A	X	0.9	0.957	0.987	1.037	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58592719	2	SOLAR	17.4	N/A	X	0.9	0.950	0.975	1.035	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58601724	2	SOLAR	12	BATTERY	X	0.9	0.950	0.971	1.031	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58585364	2	SOLAR	7.6	N/A	X	0.9	0.976	0.996	1.036	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58614395	2	SOLAR	10	N/A	X	0.9	0.953	0.983	1.033	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58597301	2	SOLAR	7.6	N/A	X	0.9	0.950	0.980	1.030	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58593573	2	SOLAR	7.6	N/A	X	0.9	0.950	0.968	1.028	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58641374	2	SOLAR	5	N/A	X	0.9	0.950	0.978	1.038	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58608106	2	SOLAR	10	N/A	X	0.9	0.950	0.966	1.026	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58606668	2	SOLAR	6	N/A	X	0.9	0.955	0.985	1.035	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58594591	2	SOLAR	7.6	N/A	X	0.9	0.951	0.981	1.031	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58592645	2	SOLAR	10	N/A	X	0.9	0.955	0.985	1.035	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58613933	2	SOLAR	6	N/A	X	0.9	0.950	0.980	1.030	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58625838	2	SOLAR	5	N/A	X	0.9	0.953	0.983	1.033	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58606655	2	SOLAR	4.8	N/A	X	0.9	0.980	1.000	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58621852	2	SOLAR	20	N/A	X	0.9	0.950	0.960	1.020	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58718285	2	SOLAR	6	N/A	X	0.9	0.950	0.967	1.027	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58603181	2	SOLAR	10	N/A	X	0.9	0.970	0.990	1.030	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58611602	2	SOLAR	10	N/A	X	0.9	0.950	0.960	1.010	1.040	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58606388	2	SOLAR	13.44	N/A	X	0.9	0.950	0.970	1.020	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58636833	2	SOLAR	6	N/A	X	0.9	0.950	0.971	1.031	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58582464	2	SOLAR	11.76	BATTERY	X	0.9	0.969	0.989	1.029	1.049	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58624507	2	SOLAR	10	N/A	X	0.9	0.955	0.985	1.035	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58576592	2	SOLAR	7.6	BATTERY	X	0.9	0.950	0.971	1.031	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58595853	2	SOLAR	3	N/A	X	0.9	0.951	0.981	1.031	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58588563	2	SOLAR	12.6	N/A	X	0.9	0.951	0.981	1.031	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58615180	2	SOLAR	6	N/A	X	0.9	0.950	0.974	1.034	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58594557	2	SOLAR	6	N/A	X	0.9	0.958	0.988	1.038	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58590949	2	SOLAR	15.2	N/A	X	0.9	0.960	0.990	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58603846	2	SOLAR	10	N/A	X	0.9	0.950	0.968	1.018	1.048	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58618711	2	SOLAR	5	N/A	X	0.9	0.959	0.979	1.019	1.039	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58603852	2	SOLAR	7.6	N/A	X	0.9	0.980	1.000	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58630404	2	SOLAR	11.4	N/A	X	0.9	0.960	0.990	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58582972	2	SOLAR	9.6	N/A	X	0.9	0.950	0.969	1.029	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58617517	2	SOLAR	15.2	N/A	X	0.9	0.955	0.985	1.035	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58572858	2	SOLAR	5	N/A	X	0.9	0.958	0.988	1.038	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58636810	2	SOLAR	10	N/A	X	0.9	0.950	0.980	1.030	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58585531	2	SOLAR	7.6	N/A	X	0.9	0.963	0.983	1.023	1.043	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58584749	2	SOLAR	12	N/A	X	0.9	0.951	0.981	1.031	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58599142	2	SOLAR	5	N/A	X	0.9	0.951	0.981	1.031	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58620765	2	SOLAR	10	N/A	X	0.9	0.950	0.976	1.036	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58631645	2	SOLAR	6	N/A	X	0.9	0.950	0.970	1.030	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58577290	2	SOLAR	7.6	N/A	X	0.9	0.953	0.983	1.033	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58624570	2	SOLAR	5	N/A	X	0.9	0.950	0.979	1.039	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58600571	2	SOLAR	6	N/A	X	0.9	0.974	0.994	1.034	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58617210	2	SOLAR	10	N/A	X	0.9	0.950	0.960	1.010	1.040	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58575011	2	SOLAR	9.6	BATTERY	X	0.9	0.959	0.989	1.039	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58604350	2	SOLAR	11.4	N/A	X	0.9	0.950	0.974	1.034	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58596704	2	SOLAR	10	N/A	X	0.9	0.980	1.000	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58722321	1	SOLAR	5	N/A	X	0.9	0.950	0.977	1.037	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58689174	1	SOLAR	13.6	N/A	X	0.9	0.958	0.988	1.038	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58706700	1	SOLAR	3	N/A	X	0.9	0.956	0.986	1.036	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58704173	1	SOLAR	6	N/A	X	0.9	0.950	0.973	1.033	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58725658	1	SOLAR	6	N/A	X	0.9	0.950	0.960	1.010	1.040	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58706525	1	SOLAR	10.6	N/A	X	0.9	0.980	1.000	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58653034	1	SOLAR	6	N/A	X	0.9	0.960	0.990	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58678835	1	SOLAR	6	N/A	X	0.9	0.950	0.969	1.029	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58592539	1	SOLAR	13.6	N/A	X	0.9	0.957	0.977	1.017	1.037	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58690971	1	SOLAR	15.2	N/A	X	0.9	0.960	0.990	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58648361	1	SOLAR	15.2	N/A	X	0.9	0.955	0.985	1.035	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58722487	1	SOLAR	5	N/A	X	0.9	0.980	1.000	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58633047	1	SOLAR	10	N/A	X	0.9	0.965	0.985	1.025	1.045	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58711817	1	SOLAR	11.4	N/A	X	0.9	0.978	0.998	1.038	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58676961	1	SOLAR	6	N/A	X	0.9	0.950	0.979	1.039	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58676832	1	SOLAR	10	N/A	X	0.9	0.980	1.000	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58676119	1	SOLAR	6	N/A	X	0.9	0.953	0.983	1.033	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58676799	1	SOLAR	5	N/A	X	0.9	0.957	0.987	1.037	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58682058	1	SOLAR	15.2	N/A	X	0.9	0.960	0.990	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58688111	1	SOLAR	5	N/A	X	0.9	0.960	0.990	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58704834	1	SOLAR	10	N/A	X	0.9	0.950	0.979	1.039	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58718728	1	SOLAR	17.4	N/A	X	0.9	0.950	0.969	1.029	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58719219	1	SOLAR	11.4	N/A	X	0.9	0.974	0.994	1.034	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58718304	1	SOLAR	6	N/A	X	0.9	0.950	0.975	1.035	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58703276	1	SOLAR	10	N/A	X	0.9	0.980	1.000	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58706619	1	SOLAR	6	N/A	X	0.9	0.980	1.000	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58720620	1	SOLAR	6	N/A	X	0.9	0.950	0.965	1.025	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58655884	1	SOLAR	7.6	N/A	X	0.9	0.954	0.984	1.034	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58651404	1	SOLAR	12	N/A	X	0.9	0.960	0.990	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58705976	1	SOLAR	5	N/A	X	0.9	0.977	0.997	1.037	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58682024	1	SOLAR	5	N/A	X	0.9	0.950	0.965	1.025	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58711078	1	SOLAR	9.8	N/A	X	0.9	0.950	0.966	1.026	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58690113	1	SOLAR	6	N/A	X	0.9	0.953	0.983	1.033	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58700485	1	SOLAR	5	N/A	X	0.9	0.980	1.000	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44

58697020	1	SOLAR	10	N/A	X	0.9	0.959	0.989	1.039	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58700530	1	SOLAR	10	N/A	X	0.9	0.953	0.983	1.033	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58672753	1	SOLAR	15.2	N/A	X	0.9	0.967	0.987	1.027	1.047	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58674007	1	SOLAR	7.6	N/A	X	0.9	0.953	0.983	1.033	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58709305	1	SOLAR	10	N/A	X	0.9	0.950	0.961	1.021	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58696970	1	SOLAR	15.2	BATTERY	X	0.9	0.950	0.963	1.023	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58718542	1	SOLAR	6	N/A	X	0.9	0.957	0.987	1.037	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58721617	1	SOLAR	14.4	N/A	X	0.9	0.980	1.000	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58706828	1	SOLAR	7.6	N/A	X	0.9	0.965	0.985	1.025	1.045	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58642231	1	SOLAR	6	N/A	X	0.9	0.977	0.997	1.037	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58703398	1	SOLAR	160	N/A	X	0.9	0.950	0.960	1.000	1.020	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58693882	1	SOLAR	10	N/A	X	0.9	0.960	0.990	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58692175	1	SOLAR	7.6	N/A	X	0.9	0.960	0.990	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58711876	1	SOLAR	50	N/A	X	0.9	0.980	1.000	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58721777	1	SOLAR	10	N/A	X	0.9	0.950	0.974	1.034	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58722365	1	SOLAR	7.6	N/A	X	0.9	0.960	0.990	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58714544	1	SOLAR	13	N/A	X	0.9	0.980	1.000	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58740494	1	SOLAR	7.6	N/A	X	0.9	0.970	0.990	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58689956	1	SOLAR	15.2	N/A	X	0.9	0.957	0.987	1.037	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58712309	1	SOLAR	12	N/A	X	0.9	0.950	0.979	1.039	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58674570	1	SOLAR	15.2	N/A	X	0.9	0.950	0.978	1.038	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58646810	1	SOLAR	6	N/A	X	0.9	0.950	0.978	1.038	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58653393	1	SOLAR	6	N/A	X	0.9	0.950	0.979	1.039	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58717735	1	SOLAR	5	N/A	X	0.9	0.960	0.990	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58639540	1	SOLAR	12	N/A	X	0.9	0.952	0.982	1.032	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58691204	1	SOLAR	10	N/A	X	0.9	0.950	0.974	1.034	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58697253	1	SOLAR	5	N/A	X	0.9	0.972	0.992	1.032	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58620203	1	SOLAR	6	N/A	X	0.9	0.961	0.981	1.021	1.041	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58669997	1	SOLAR	12.6	N/A	X	0.9	0.950	0.974	1.034	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58666116	1	SOLAR	11.4	N/A	X	0.9	0.980	1.000	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58713829	1	SOLAR	6	N/A	X	0.9	0.950	0.975	1.035	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58743078	1	SOLAR	7.6	N/A	X	0.9	0.960	0.990	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58683130	1	SOLAR	165.6	N/A	X	0.9	0.980	1.000	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58625432	1	SOLAR	12	N/A	X	0.9	0.950	0.980	1.030	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58721358	1	SOLAR	11.4	N/A	X	0.9	0.956	0.986	1.036	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58746374	1	SOLAR	11.4	N/A	X	0.9	0.956	0.986	1.036	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58690077	1	SOLAR	6	N/A	X	0.9	0.950	0.966	1.026	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58717625	1	SOLAR	3.8	N/A	X	0.9	0.980	1.000	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58714169	1	SOLAR	15.2	N/A	X	0.9	0.960	0.990	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58721918	1	SOLAR	10	N/A	X	0.9	0.960	0.990	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58700705	1	SOLAR	10	N/A	X	0.9	0.960	0.990	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58712020	1	SOLAR	7.6	N/A	X	0.9	0.953	0.983	1.033	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58664633	1	SOLAR	7.6	N/A	X	0.9	0.950	0.960	1.010	1.040	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58748259	1	SOLAR	5	N/A	X	0.9	0.957	0.987	1.037	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58718526	1	SOLAR	5	N/A	X	0.9	0.980	1.000	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58713880	1	SOLAR	17.4	N/A	X	0.9	0.950	0.976	1.036	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58643771	1	SOLAR	11.52	BATTERY	X	0.9	0.950	0.967	1.027	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58625986	1	SOLAR	7.6	N/A	X	0.9	0.950	0.978	1.038	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58717165	1	SOLAR	7.6	N/A	X	0.9	0.980	1.000	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58709375	1	SOLAR	6	N/A	X	0.9	0.976	0.996	1.036	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58707138	1	SOLAR	7.6	N/A	X	0.9	0.950	0.971	1.031	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58695674	1	SOLAR	3	N/A	X	0.9	0.960	0.990	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58697190	1	SOLAR	3.8	N/A	X	0.9	0.980	1.000	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58697198	1	SOLAR	6	N/A	X	0.9	0.980	1.000	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58748045	1	SOLAR	12.6	N/A	X	0.9	0.960	0.990	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58677975	1	SOLAR	21.4	N/A	X	0.9	0.950	0.963	1.023	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58717207	1	SOLAR	7.6	N/A	X	0.9	0.960	0.990	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58648321	1	SOLAR	5	N/A	X	0.9	0.950	0.977	1.037	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58727836	1	SOLAR	5	N/A	X	0.9	0.960	0.990	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58687674	1	SOLAR	6	N/A	X	0.9	0.950	0.962	1.022	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58713945	1	SOLAR	10	N/A	X	0.9	0.980	1.000	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58672885	1	SOLAR	11.4	N/A	X	0.9	0.950	0.975	1.035	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58640968	1	SOLAR	7.6	BATTERY	X	0.9	0.955	0.985	1.035	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58653205	1	SOLAR	13.6	N/A	X	0.9	0.974	0.994	1.034	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58721330	1	SOLAR	5	N/A	X	0.9	0.980	1.000	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58642827	1	SOLAR	14.4	N/A	X	0.9	0.957	0.987	1.037	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58678485	1	SOLAR	10	N/A	X	0.9	0.950	0.961	1.021	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58712160	1	SOLAR	7.6	N/A	X	0.9	0.980	1.000	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58706951	1	SOLAR	20	N/A	X	0.9	0.956	0.986	1.036	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58722660	1	SOLAR	10	N/A	X	0.9	0.960	0.990	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58700836	1	SOLAR	17.4	N/A	X	0.9	0.950	0.969	1.029	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58710405	1	SOLAR	7.6	N/A	X	0.9	0.954	0.984	1.034	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58694008	1	SOLAR	5	N/A	X	0.9	0.970	0.990	1.030	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58697379	1	SOLAR	7.6	N/A	X	0.9	0.950	0.960	1.010	1.040	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58668504	1	SOLAR	6	N/A	X	0.9	0.972	0.992	1.032	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58718565	1	SOLAR	7.6	N/A	X	0.9	0.950	0.967	1.027	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58716404	1	SOLAR	10	N/A	X	0.9	0.959	0.989	1.039	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58721030	1	SOLAR	3.8	N/A	X	0.9	0.962	0.982	1.022	1.042	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58699465	1	SOLAR	7.6	N/A	X	0.9	0.980	1.000	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58677765	1	SOLAR	13.6	N/A	X	0.9	0.980	1.000	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58746477	1	SOLAR	10	N/A	X	0.9	0.950	0.971	1.031	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58644177	1	SOLAR	7.6	N/A	X	0.9	0.960	0.990	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58702770	1	SOLAR	10	N/A	X	0.9	0.960	0.990	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58687742	1	SOLAR	22.8	N/A	X	0.9	0.975	0.995	1.035	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58692235	1	SOLAR	10	N/A	X	0.9	0.950	0.978	1.038	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58722874	1	SOLAR	7.6	N/A	X	0.9	0.950	0.979	1.039	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58727940	1	SOLAR	10	N/A	X	0.9	0.959	0.989	1.039	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58661118	1	SOLAR	6	N/A	X	0.9	0.960	0.990	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58671671	1	SOLAR	7.6	N/A	X	0.9	0.950	0.979	1.039	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58631648	1	SOLAR	7.6	N/A	X	0.9	0.967	0.987	1.027	1.047	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58674583	1	SOLAR	10	N/A	X	0.9	0.950	0.969	1.029	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58667682	1	SOLAR	10	N/A	X	0.9	0.950	0.976	1.036	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58655205	1	SOLAR	15.2	N/A	X	0.9	0.980	1.000	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58683428	1	SOLAR	11.4	N/A	X	0.9	0.980	1.000	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44

58688029	1	SOLAR	7.6	N/A	X	0.9	0.960	0.990	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58650470	1	SOLAR	16	N/A	X	0.9	0.955	0.985	1.035	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58724398	1	SOLAR	10	N/A	X	0.9	0.959	0.989	1.039	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58750268	1	SOLAR	6	N/A	X	0.9	0.950	0.974	1.034	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58706834	1	SOLAR	10	N/A	X	0.9	0.960	0.990	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58665138	1	SOLAR	6	N/A	X	0.9	0.950	0.965	1.025	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58743024	1	SOLAR	5	N/A	X	0.9	0.950	0.973	1.033	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58709228	1	SOLAR	7.6	N/A	X	0.9	0.950	0.965	1.025	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58645783	1	SOLAR	10	N/A	X	0.9	0.950	0.971	1.031	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58693964	1	SOLAR	17.6	N/A	X	0.9	0.956	0.986	1.036	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58695278	1	SOLAR	10	N/A	X	0.9	0.960	0.990	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58702203	1	SOLAR	6	N/A	X	0.9	0.959	0.989	1.039	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58703025	1	SOLAR	5	N/A	X	0.9	0.950	0.980	1.030	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58703943	1	SOLAR	15	N/A	X	0.9	0.950	0.968	1.028	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58723447	1	SOLAR	5	N/A	X	0.9	0.980	1.000	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58746236	1	SOLAR	5	N/A	X	0.9	0.974	0.994	1.034	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58724451	1	SOLAR	5	N/A	X	0.9	0.950	0.973	1.033	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58706759	1	SOLAR	6	N/A	X	0.9	0.960	0.990	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58680838	1	SOLAR	7.6	N/A	X	0.9	0.950	0.963	1.023	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58679311	1	SOLAR	11.4	N/A	X	0.9	0.950	0.965	1.025	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58670110	1	SOLAR	11.52	BATTERY	X	0.9	0.951	0.981	1.031	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58668312	1	SOLAR	11.4	N/A	X	0.9	0.977	0.997	1.037	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58689434	1	SOLAR	12	N/A	X	0.9	0.980	1.000	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58708511	1	SOLAR	11.4	N/A	X	0.9	0.980	1.000	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58715119	1	SOLAR	19	BATTERY	X	0.9	0.950	0.963	1.013	1.043	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58701181	1	SOLAR	7.6	N/A	X	0.9	0.953	0.983	1.033	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58658981	1	SOLAR	3.8	N/A	X	0.9	0.980	1.000	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58698490	1	SOLAR	3.8	N/A	X	0.9	0.969	0.989	1.029	1.049	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58701221	1	SOLAR	7.6	N/A	X	0.9	0.975	0.995	1.035	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58708094	1	SOLAR	10	N/A	X	0.9	0.958	0.988	1.038	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58676430	1	SOLAR	11.4	N/A	X	0.9	0.958	0.988	1.038	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58722384	1	SOLAR	13.6	N/A	X	0.9	0.954	0.984	1.034	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58751953	1	SOLAR	15.2	N/A	X	0.9	0.950	0.962	1.022	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58698594	1	SOLAR	50	N/A	X	0.9	0.980	1.000	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58720538	1	SOLAR	10	N/A	X	0.9	0.957	0.987	1.037	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58688241	1	SOLAR	10	N/A	X	0.9	0.960	0.990	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58683413	1	SOLAR	13	N/A	X	0.9	0.972	0.992	1.032	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58636420	1	SOLAR	11	N/A	X	0.9	0.950	0.960	1.010	1.040	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58716713	1	SOLAR	15	N/A	X	0.9	0.950	0.968	1.028	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58705562	1	SOLAR	5	N/A	X	0.9	0.950	0.976	1.036	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58699542	1	SOLAR	3	N/A	X	0.9	0.979	0.999	1.039	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58674514	1	SOLAR	7.6	N/A	X	0.9	0.976	0.996	1.036	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58725357	1	SOLAR	10	N/A	X	0.9	0.960	0.990	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58713890	1	SOLAR	6	N/A	X	0.9	0.951	0.981	1.031	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58702368	1	SOLAR	22.8	N/A	X	0.9	0.950	0.975	1.035	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58704606	1	SOLAR	6	N/A	X	0.9	0.970	0.990	1.030	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58716476	1	SOLAR	6	N/A	X	0.9	0.977	0.997	1.037	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58697852	1	SOLAR	10	N/A	X	0.9	0.950	0.975	1.035	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58721366	1	SOLAR	13	N/A	X	0.9	0.955	0.985	1.035	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58704708	1	SOLAR	10	N/A	X	0.9	0.950	0.979	1.039	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58659406	1	SOLAR	11.4	N/A	X	0.9	0.950	0.964	1.024	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58695285	1	SOLAR	5	N/A	X	0.9	0.950	0.975	1.035	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58710980	1	SOLAR	3.8	N/A	X	0.9	0.950	0.965	1.015	1.045	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58648176	1	SOLAR	10	N/A	X	0.9	0.960	0.990	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58708937	1	SOLAR	6	N/A	X	0.9	0.950	0.973	1.033	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58717243	1	SOLAR	10	N/A	X	0.9	0.959	0.989	1.039	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58739662	1	SOLAR	7.6	N/A	X	0.9	0.977	0.997	1.037	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58696517	1	SOLAR	10	N/A	X	0.9	0.960	0.990	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58688754	1	SOLAR	7.6	N/A	X	0.9	0.960	0.990	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58719896	1	SOLAR	7.6	N/A	X	0.9	0.980	1.000	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58639516	1	SOLAR	7.6	N/A	X	0.9	0.950	0.974	1.034	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58660707	1	SOLAR	10	N/A	X	0.9	0.978	0.998	1.038	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58739491	1	SOLAR	7.6	N/A	X	0.9	0.950	0.975	1.035	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58680445	1	SOLAR	3	N/A	X	0.9	0.950	0.960	1.010	1.040	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58680747	1	SOLAR	11.4	N/A	X	0.9	0.950	0.968	1.028	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58714841	1	SOLAR	3.8	N/A	X	0.9	0.951	0.981	1.031	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58653211	1	SOLAR	10	N/A	X	0.9	0.950	0.970	1.030	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58670752	1	SOLAR	10	N/A	X	0.9	0.950	0.976	1.036	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58668506	1	SOLAR	12	N/A	X	0.9	0.980	1.000	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58711305	1	SOLAR	7.6	N/A	X	0.9	0.960	0.990	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58719660	1	SOLAR	19	N/A	X	0.9	0.950	0.971	1.031	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58647377	1	SOLAR	6	N/A	X	0.9	0.950	0.963	1.013	1.043	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58718041	1	SOLAR	7.6	N/A	X	0.9	0.950	0.960	1.010	1.040	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58664628	1	SOLAR	6	N/A	X	0.9	0.960	0.990	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58733176	1	SOLAR	10	N/A	X	0.9	0.960	0.990	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58709149	1	SOLAR	7.6	N/A	X	0.9	0.972	0.992	1.032	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58642872	1	SOLAR	10	N/A	X	0.9	0.960	0.990	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58708480	1	SOLAR	10	N/A	X	0.9	0.950	0.964	1.024	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58751927	1	SOLAR	13	N/A	X	0.9	0.955	0.985	1.035	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58651540	1	SOLAR	9.8	N/A	X	0.9	0.960	0.990	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58688287	1	SOLAR	3.8	N/A	X	0.9	0.950	0.969	1.029	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58694158	1	SOLAR	10	N/A	X	0.9	0.950	0.969	1.019	1.049	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58707740	1	SOLAR	10	N/A	X	0.9	0.950	0.980	1.030	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58720541	1	SOLAR	6	N/A	X	0.9	0.980	1.000	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58721851	1	SOLAR	6	N/A	X	0.9	0.950	0.972	1.032	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58689126	1	SOLAR	13.6	N/A	X	0.9	0.960	0.990	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58694092	1	SOLAR	5	N/A	X	0.9	0.950	0.980	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58696979	1	SOLAR	7.6	N/A	X	0.9	0.950	0.980	1.030	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58668992	1	SOLAR	11.4	N/A	X	0.9	0.950	0.973	1.033	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58691188	1	SOLAR	7.6	N/A	X	0.9	0.952	0.982	1.032	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58705510	1	SOLAR	22.8	N/A	X	0.9	0.980	1.000	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58720073	1	SOLAR	16.4	N/A	X	0.9	0.960	0.990	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58705135	1	SOLAR	10	N/A	X	0.9	0.950	0.966	1.026	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58708366	1	SOLAR	13.6	N/A	X	0.9	0.958	0.988	1.038	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44

58690127	1	SOLAR	10	N/A	X	0.9	0.980	1.000	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58696409	1	SOLAR	11.4	N/A	X	0.9	0.960	0.990	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58652135	1	SOLAR	11.52	N/A	X	0.9	0.951	0.981	1.031	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58696406	1	SOLAR	6	N/A	X	0.9	0.980	1.000	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58696885	1	SOLAR	7.6	N/A	X	0.9	0.952	0.982	1.032	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58701154	1	SOLAR	10	N/A	X	0.9	0.980	1.000	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58679317	1	SOLAR	5	N/A	X	0.9	0.979	0.999	1.039	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58659998	1	SOLAR	3.8	N/A	X	0.9	0.955	0.985	1.035	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58696548	1	SOLAR	15.2	N/A	X	0.9	0.980	1.000	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58748296	1	SOLAR	13.8	N/A	X	0.9	0.960	0.990	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58651465	1	SOLAR	11.4	N/A	X	0.9	0.950	0.964	1.024	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58698651	1	SOLAR	10	N/A	X	0.9	0.950	0.978	1.038	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58719623	1	SOLAR	5	N/A	X	0.9	0.960	0.990	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58723168	1	SOLAR	11.4	N/A	X	0.9	0.960	0.990	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58714678	1	SOLAR	5	N/A	X	0.9	0.974	0.994	1.034	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58645240	1	SOLAR	7.6	N/A	X	0.9	0.965	0.985	1.025	1.045	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58700764	1	SOLAR	6	N/A	X	0.9	0.980	1.000	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58715692	1	SOLAR	7.6	N/A	X	0.9	0.960	0.990	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58703297	1	SOLAR	10	N/A	X	0.9	0.965	0.985	1.025	1.045	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58712047	1	SOLAR	13.6	N/A	X	0.9	0.950	0.965	1.025	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58701107	1	SOLAR	10	N/A	X	0.9	0.950	0.974	1.034	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58751699	1	SOLAR	13.6	N/A	X	0.9	0.950	0.973	1.033	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58720579	1	SOLAR	11.4	N/A	X	0.9	0.960	0.990	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58728245	1	SOLAR	10	N/A	X	0.9	0.950	0.974	1.034	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58704014	1	SOLAR	11.4	N/A	X	0.9	0.950	0.976	1.036	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58690276	1	SOLAR	7.6	N/A	X	0.9	0.952	0.982	1.032	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58688709	1	SOLAR	7.6	N/A	X	0.9	0.960	0.990	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58651873	1	SOLAR	6	N/A	X	0.9	0.960	0.990	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58707191	1	SOLAR	7.6	N/A	X	0.9	0.950	0.975	1.035	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58717639	1	SOLAR	5	N/A	X	0.9	0.972	0.992	1.032	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58688498	1	SOLAR	10	N/A	X	0.9	0.952	0.982	1.032	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58745937	1	SOLAR	10	N/A	X	0.9	0.952	0.982	1.032	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58682148	1	SOLAR	7.6	N/A	X	0.9	0.978	0.998	1.038	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58710127	1	SOLAR	14.4	N/A	X	0.9	0.960	0.990	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58660067	1	SOLAR	45.6	N/A	X	0.9	0.980	1.000	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58709177	1	SOLAR	11.4	N/A	X	0.9	0.950	0.965	1.025	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58726625	1	SOLAR	6	N/A	X	0.9	0.960	0.990	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58688250	1	SOLAR	7.6	N/A	X	0.9	0.950	0.972	1.032	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58655876	1	SOLAR	46.08	N/A	X	0.9	0.950	0.974	1.034	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58677574	1	SOLAR	7.6	N/A	X	0.9	0.950	0.974	1.034	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58709517	1	SOLAR	7.6	N/A	X	0.9	0.969	0.989	1.029	1.049	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58678856	1	SOLAR	11.4	N/A	X	0.9	0.980	1.000	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58680974	1	SOLAR	11.52	N/A	X	0.9	0.974	0.994	1.034	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58681989	1	SOLAR	7.6	N/A	X	0.9	0.959	0.989	1.039	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58706799	1	SOLAR	10	N/A	X	0.9	0.951	0.981	1.031	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58741115	1	SOLAR	6	N/A	X	0.9	0.960	0.990	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58651529	1	SOLAR	3.84	BATTERY	X	0.9	0.950	0.974	1.034	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58688268	1	SOLAR	7.6	BATTERY	X	0.9	0.950	0.980	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58712324	1	SOLAR	6	N/A	X	0.9	0.960	0.990	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58719568	1	SOLAR	12	N/A	X	0.9	0.960	0.990	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58691181	1	SOLAR	12	N/A	X	0.9	0.980	1.000	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58657240	1	SOLAR	12	N/A	X	0.9	0.950	0.969	1.029	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58622226	1	SOLAR	9.8	N/A	X	0.9	0.950	0.977	1.037	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58719228	1	SOLAR	7.6	N/A	X	0.9	0.950	0.980	1.030	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58709160	1	SOLAR	11.4	N/A	X	0.9	0.955	0.985	1.035	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58691895	1	SOLAR	10	N/A	X	0.9	0.980	1.000	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58704709	1	SOLAR	11.4	N/A	X	0.9	0.960	0.990	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58711525	1	SOLAR	6	N/A	X	0.9	0.950	0.969	1.029	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58698137	1	SOLAR	7.68	N/A	X	0.9	0.960	0.990	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58710064	1	SOLAR	10	N/A	X	0.9	0.950	0.970	1.030	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58669215	1	SOLAR	19	N/A	X	0.9	0.950	0.970	1.030	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58706541	1	SOLAR	10	N/A	X	0.9	0.960	0.990	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58730172	1	SOLAR	7.6	N/A	X	0.9	0.957	0.987	1.037	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58672071	1	SOLAR	7.6	N/A	X	0.9	0.950	0.980	1.030	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58717733	1	SOLAR	7.6	N/A	X	0.9	0.950	0.971	1.031	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58641009	1	SOLAR	10	N/A	X	0.9	0.955	0.985	1.035	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58696647	1	SOLAR	10	N/A	X	0.9	0.950	0.975	1.035	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58706215	1	SOLAR	11.4	N/A	X	0.9	0.953	0.983	1.033	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58752429	1	SOLAR	13	N/A	X	0.9	0.950	0.966	1.016	1.046	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58688258	1	SOLAR	6	N/A	X	0.9	0.960	0.990	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58710720	1	SOLAR	11.4	N/A	X	0.9	0.951	0.981	1.031	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58710728	1	SOLAR	5	N/A	X	0.9	0.953	0.983	1.033	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58647545	1	SOLAR	6	N/A	X	0.9	0.960	0.990	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58680136	1	SOLAR	6	N/A	X	0.9	0.952	0.982	1.032	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58660300	1	SOLAR	9.8	N/A	X	0.9	0.954	0.984	1.034	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58739980	1	SOLAR	6	N/A	X	0.9	0.955	0.985	1.035	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58736534	1	SOLAR	7.6	N/A	X	0.9	0.970	0.990	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58717447	1	SOLAR	3.8	N/A	X	0.9	0.958	0.988	1.038	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58687654	1	SOLAR	7.6	N/A	X	0.9	0.951	0.981	1.031	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58720010	1	SOLAR	13	N/A	X	0.9	0.950	0.972	1.032	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58692517	1	SOLAR	15.2	BATTERY	X	0.9	0.950	0.967	1.027	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58749390	1	SOLAR	5	N/A	X	0.9	0.970	0.990	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58666939	1	SOLAR	6	N/A	X	0.9	0.971	0.991	1.031	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58736529	1	SOLAR	5	N/A	X	0.9	0.960	0.990	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58724003	1	SOLAR	10	N/A	X	0.9	0.980	1.000	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58711437	1	SOLAR	10	N/A	X	0.9	0.980	1.000	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58718499	1	SOLAR	5	N/A	X	0.9	0.973	0.993	1.033	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58720715	1	SOLAR	11.4	N/A	X	0.9	0.950	0.970	1.030	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58702158	1	SOLAR	7.7	N/A	X	0.9	0.980	1.000	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58725810	1	SOLAR	15.2	N/A	X	0.9	0.950	0.960	1.010	1.040	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58679926	1	SOLAR	7.6	N/A	X	0.9	0.960	0.990	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58696465	1	SOLAR	3.8	N/A	X	0.9	0.950	0.980	1.030	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58748943	1	SOLAR	10	N/A	X	0.9	0.954	0.984	1.034	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58747553	1	SOLAR	5	N/A	X	0.9	0.970	0.990	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44

58725384	1	SOLAR	15.2	N/A	X	0.9	0.979	0.999	1.039	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58714952	1	SOLAR	15.2	N/A	X	0.9	0.956	0.986	1.036	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58748337	1	SOLAR	10	N/A	X	0.9	0.950	0.978	1.038	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58711477	1	SOLAR	5	N/A	X	0.9	0.950	0.966	1.026	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58726158	1	SOLAR	10	N/A	X	0.9	0.950	0.979	1.039	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58688024	1	SOLAR	7.6	BATTERY	X	0.9	0.953	0.983	1.033	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58710132	1	SOLAR	6	N/A	X	0.9	0.954	0.984	1.034	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58668528	1	SOLAR	16	N/A	X	0.9	0.960	0.990	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58690455	1	SOLAR	10	N/A	X	0.9	0.950	0.979	1.039	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58719463	1	SOLAR	7.6	N/A	X	0.9	0.950	0.965	1.026	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58702747	1	SOLAR	6	N/A	X	0.9	0.973	0.993	1.033	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58708942	1	SOLAR	11.4	N/A	X	0.9	0.951	0.981	1.031	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58678367	1	SOLAR	11.4	N/A	X	0.9	0.950	0.963	1.023	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58675363	1	SOLAR	10	N/A	X	0.9	0.950	0.970	1.030	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58728311	1	SOLAR	13.6	N/A	X	0.9	0.970	0.990	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58718560	1	SOLAR	7.6	N/A	X	0.9	0.950	0.976	1.036	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58696089	1	SOLAR	10	N/A	X	0.9	0.950	0.969	1.029	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58694217	1	SOLAR	10	BATTERY	X	0.9	0.950	0.966	1.016	1.046	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58666171	1	SOLAR	6	N/A	X	0.9	0.960	0.990	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58703250	1	SOLAR	13.6	N/A	X	0.9	0.972	0.992	1.032	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58691086	1	SOLAR	7.6	N/A	X	0.9	0.978	0.998	1.038	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58689523	1	SOLAR	5	N/A	X	0.9	0.950	0.961	1.021	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58695368	1	SOLAR	3	N/A	X	0.9	0.979	0.999	1.039	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58729307	1	SOLAR	6	N/A	X	0.9	0.960	0.990	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58727453	1	SOLAR	7.6	N/A	X	0.9	0.950	0.968	1.028	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58688264	1	SOLAR	5	N/A	X	0.9	0.958	0.988	1.038	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58689567	1	SOLAR	10	N/A	X	0.9	0.955	0.985	1.035	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58697951	1	SOLAR	10	N/A	X	0.9	0.960	0.990	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58698044	1	SOLAR	10	N/A	X	0.9	0.950	0.975	1.035	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58653600	1	SOLAR	10	N/A	X	0.9	0.980	1.000	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58746665	1	SOLAR	6	N/A	X	0.9	0.950	0.971	1.031	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58704579	1	SOLAR	10	N/A	X	0.9	0.960	0.990	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58697830	1	SOLAR	11.4	N/A	X	0.9	0.960	0.990	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58667911	1	SOLAR	11.4	N/A	X	0.9	0.950	0.977	1.037	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58683473	1	SOLAR	10	N/A	X	0.9	0.960	0.990	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58680163	1	SOLAR	7.68	BATTERY	X	0.9	0.960	0.990	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58696646	1	SOLAR	15.2	BATTERY	X	0.9	0.950	0.967	1.027	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58750736	1	SOLAR	10	N/A	X	0.9	0.960	0.990	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58671442	1	SOLAR	10	N/A	X	0.9	0.960	0.990	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58701508	1	SOLAR	38	N/A	X	0.9	0.950	0.969	1.019	1.049	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58717178	1	SOLAR	13	N/A	X	0.9	0.969	0.989	1.029	1.049	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58747382	1	SOLAR	10	N/A	X	0.9	0.954	0.984	1.034	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58689620	1	SOLAR	5	N/A	X	0.9	0.971	0.991	1.031	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58696577	1	SOLAR	7.6	N/A	X	0.9	0.950	0.960	1.010	1.040	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58714704	1	SOLAR	9.8	N/A	X	0.9	0.960	0.990	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58699059	1	SOLAR	11.4	N/A	X	0.9	0.956	0.986	1.036	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58687927	1	SOLAR	7.6	N/A	X	0.9	0.950	0.967	1.027	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58702985	1	SOLAR	5	N/A	X	0.9	0.953	0.983	1.033	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58690415	1	SOLAR	10	N/A	X	0.9	0.954	0.984	1.034	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58700390	1	SOLAR	6	N/A	X	0.9	0.960	0.990	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58693894	1	SOLAR	7.6	N/A	X	0.9	0.957	0.987	1.037	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58724026	1	SOLAR	5	N/A	X	0.9	0.980	1.000	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58725273	1	SOLAR	6	N/A	X	0.9	0.950	0.979	1.039	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58705447	1	SOLAR	6	N/A	X	0.9	0.960	0.990	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58717829	1	SOLAR	6	N/A	X	0.9	0.960	0.990	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58699128	1	SOLAR	11.4	N/A	X	0.9	0.952	0.982	1.032	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58694883	1	SOLAR	10	N/A	X	0.9	0.950	0.971	1.031	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58748344	1	SOLAR	7.6	N/A	X	0.9	0.950	0.965	1.025	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58699455	1	SOLAR	11.4	N/A	X	0.9	0.960	0.990	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58716751	1	SOLAR	13	N/A	X	0.9	0.950	0.970	1.020	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58624508	1	SOLAR	3.8	N/A	X	0.9	0.960	0.990	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58745190	1	SOLAR	10	N/A	X	0.9	0.950	0.965	1.015	1.035	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58714535	1	SOLAR	5	N/A	X	0.9	0.967	0.987	1.027	1.047	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58718784	1	SOLAR	7.6	N/A	X	0.9	0.950	0.967	1.027	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58700852	1	SOLAR	10	N/A	X	0.9	0.960	0.990	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58663390	1	SOLAR	20	N/A	X	0.9	0.960	0.990	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58661116	1	SOLAR	6	N/A	X	0.9	0.960	0.990	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58713824	1	SOLAR	5	N/A	X	0.9	0.950	0.968	1.028	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58680128	1	SOLAR	6	N/A	X	0.9	0.980	1.000	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58666807	1	SOLAR	10	N/A	X	0.9	0.960	0.990	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58705611	1	SOLAR	17.4	N/A	X	0.9	0.960	0.990	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58682035	1	SOLAR	11.4	N/A	X	0.9	0.950	0.979	1.039	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58707681	1	SOLAR	7.68	N/A	X	0.9	0.960	0.990	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58706656	1	SOLAR	3.8	N/A	X	0.9	0.976	0.996	1.036	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58670807	1	SOLAR	10	N/A	X	0.9	0.960	0.990	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58681491	1	SOLAR	10	N/A	X	0.9	0.976	0.996	1.036	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58674291	1	SOLAR	11.4	N/A	X	0.9	0.954	0.984	1.034	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58677607	1	SOLAR	10	N/A	X	0.9	0.950	0.968	1.028	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58747304	1	SOLAR	10	N/A	X	0.9	0.954	0.984	1.034	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58681541	1	SOLAR	3.8	N/A	X	0.9	0.959	0.989	1.039	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58658394	1	SOLAR	11.4	N/A	X	0.9	0.951	0.981	1.031	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58690203	1	SOLAR	3.8	N/A	X	0.9	0.960	0.990	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58710016	1	SOLAR	10	N/A	X	0.9	0.950	0.976	1.036	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58745401	1	SOLAR	7.6	N/A	X	0.9	0.980	1.000	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58728636	1	SOLAR	7.6	N/A	X	0.9	0.953	0.983	1.033	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58692882	1	SOLAR	7.6	N/A	X	0.9	0.957	0.987	1.037	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58729137	1	SOLAR	5	N/A	X	0.9	0.960	0.990	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58744331	1	SOLAR	6	N/A	X	0.9	0.970	0.990	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58653486	1	SOLAR	10	N/A	X	0.9	0.960	0.990	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58694542	1	SOLAR	7.6	N/A	X	0.9	0.971	0.991	1.031	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58740493	1	SOLAR	3.8	N/A	X	0.9	0.951	0.981	1.031	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58702315	1	SOLAR	10	N/A	X	0.9	0.950	0.971	1.031	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58630119	1	SOLAR	6	N/A	X	0.9	0.960	0.990	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58696498	1	SOLAR	13	N/A	X	0.9	0.955	0.985	1.035	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44

58720333	1	SOLAR	15.2	N/A	X	0.9	0.952	0.982	1.032	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58717170	1	SOLAR	11.4	N/A	X	0.9	0.960	0.990	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58632111	1	SOLAR	12	N/A	X	0.9	0.950	0.967	1.017	1.047	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58712024	1	SOLAR	15.2	N/A	X	0.9	0.980	1.000	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58675366	1	SOLAR	7.68	BATTERY	X	0.9	0.980	1.000	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58721500	1	SOLAR	7.6	N/A	X	0.9	0.960	0.990	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58717559	1	SOLAR	6	N/A	X	0.9	0.960	0.990	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58637070	1	SOLAR	7.6	N/A	X	0.9	0.967	0.987	1.027	1.047	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58699656	1	SOLAR	7.6	N/A	X	0.9	0.980	1.000	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58697505	1	SOLAR	7.6	N/A	X	0.9	0.980	1.000	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58697258	1	SOLAR	5	N/A	X	0.9	0.950	0.978	1.038	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58700415	1	SOLAR	6	N/A	X	0.9	0.959	0.989	1.039	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58692732	1	SOLAR	19	BATTERY	X	0.9	0.950	0.976	1.036	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58708179	1	SOLAR	6	N/A	X	0.9	0.955	0.985	1.035	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58704409	1	SOLAR	10	N/A	X	0.9	0.960	0.990	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58698483	1	SOLAR	15.36	BATTERY	X	0.9	0.958	0.988	1.038	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58663608	1	SOLAR	7.6	N/A	X	0.9	0.950	0.970	1.030	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58742472	1	SOLAR	3.8	N/A	X	0.9	0.960	0.990	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58641007	1	SOLAR	10	N/A	X	0.9	0.978	0.998	1.038	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58704383	1	SOLAR	10	N/A	X	0.9	0.980	1.000	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58714720	1	SOLAR	6	N/A	X	0.9	0.950	0.970	1.030	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58651528	1	SOLAR	11.4	BATTERY	X	0.9	0.958	0.988	1.038	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58669850	1	SOLAR	7.6	N/A	X	0.9	0.951	0.981	1.031	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58706005	1	SOLAR	10	N/A	X	0.9	0.980	1.000	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58725898	1	SOLAR	10	N/A	X	0.9	0.980	1.000	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58741368	1	SOLAR	7.6	N/A	X	0.9	0.960	0.990	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58751846	1	SOLAR	10	N/A	X	0.9	0.950	0.968	1.028	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58680884	1	SOLAR	7.6	N/A	X	0.9	0.950	0.967	1.027	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58724831	1	SOLAR	7.6	N/A	X	0.9	0.950	0.978	1.038	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58676816	1	SOLAR	10	N/A	X	0.9	0.950	0.971	1.031	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58705933	1	SOLAR	12	N/A	X	0.9	0.950	0.971	1.031	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58704521	1	SOLAR	6	N/A	X	0.9	0.954	0.984	1.034	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58678300	1	SOLAR	10	N/A	X	0.9	0.953	0.983	1.033	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58710703	1	SOLAR	10	N/A	X	0.9	0.952	0.982	1.032	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58706511	1	SOLAR	13	N/A	X	0.9	0.956	0.986	1.036	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58717652	1	SOLAR	10	N/A	X	0.9	0.950	0.980	1.030	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58646273	1	SOLAR	5	N/A	X	0.9	0.960	0.990	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58689431	1	SOLAR	11.4	N/A	X	0.9	0.960	0.990	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58748876	1	SOLAR	10	N/A	X	0.9	0.957	0.987	1.037	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58663753	1	SOLAR	7.6	N/A	X	0.9	0.950	0.968	1.028	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58719531	1	SOLAR	10	N/A	X	0.9	0.950	0.971	1.031	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58741359	1	SOLAR	100	N/A	X	0.9	0.953	0.983	1.033	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58690354	1	SOLAR	6	N/A	X	0.9	0.950	0.971	1.031	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58636896	1	SOLAR	7.6	N/A	X	0.9	0.950	0.969	1.019	1.049	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58679044	1	SOLAR	3	N/A	X	0.9	0.977	0.997	1.037	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58698350	1	SOLAR	6	N/A	X	0.9	0.960	0.990	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58659913	1	SOLAR	11.4	N/A	X	0.9	0.980	1.000	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58701255	1	SOLAR	19	BATTERY	X	0.9	0.980	1.000	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58710211	1	SOLAR	7.6	N/A	X	0.9	0.950	0.969	1.029	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58716165	1	SOLAR	10	N/A	X	0.9	0.960	0.990	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58720419	1	SOLAR	10	N/A	X	0.9	0.980	1.000	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58705806	1	SOLAR	6	N/A	X	0.9	0.960	0.990	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58692033	1	SOLAR	7.6	N/A	X	0.9	0.958	0.988	1.038	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58726485	1	SOLAR	10	N/A	X	0.9	0.960	0.990	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58639671	1	SOLAR	6	N/A	X	0.9	0.953	0.983	1.033	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58699098	1	SOLAR	10	N/A	X	0.9	0.950	0.971	1.031	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58714050	1	SOLAR	7.68	BATTERY	X	0.9	0.950	0.968	1.028	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58687679	1	SOLAR	3.8	N/A	X	0.9	0.950	0.965	1.025	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58670914	1	SOLAR	7.6	N/A	X	0.9	0.955	0.985	1.035	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58709742	1	SOLAR	11.4	BATTERY	X	0.9	0.956	0.986	1.036	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58668527	1	SOLAR	10	N/A	X	0.9	0.958	0.988	1.038	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58704365	1	SOLAR	7.6	N/A	X	0.9	0.950	0.970	1.010	1.030	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58717742	1	SOLAR	6	N/A	X	0.9	0.980	1.000	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58673513	1	SOLAR	6	N/A	X	0.9	0.959	0.989	1.039	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58689100	1	SOLAR	6	N/A	X	0.9	0.960	0.990	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58689369	1	SOLAR	5	N/A	X	0.9	0.960	0.990	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58649177	1	SOLAR	7.6	N/A	X	0.9	0.950	0.964	1.024	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58742406	1	SOLAR	16	N/A	X	0.9	0.956	0.986	1.036	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58631472	1	SOLAR	11.4	N/A	X	0.9	0.950	0.973	1.033	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58699830	1	SOLAR	22.8	N/A	X	0.9	0.960	0.990	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58679037	1	SOLAR	5	N/A	X	0.9	0.960	0.990	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58647906	1	SOLAR	10	N/A	X	0.9	0.950	0.972	1.032	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58703553	1	SOLAR	7.6	N/A	X	0.9	0.950	0.973	1.033	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58675291	1	SOLAR	6	N/A	X	0.9	0.956	0.986	1.036	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58643797	1	SOLAR	7.68	N/A	X	0.9	0.950	0.969	1.029	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58717102	1	SOLAR	17.4	N/A	X	0.9	0.978	0.998	1.038	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58717860	1	SOLAR	6	N/A	X	0.9	0.958	0.988	1.038	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58692895	1	SOLAR	10	N/A	X	0.9	0.950	0.971	1.031	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58709351	1	SOLAR	6	N/A	X	0.9	0.953	0.983	1.033	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58724126	1	SOLAR	7.6	N/A	X	0.9	0.960	0.990	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58696509	1	SOLAR	7.6	N/A	X	0.9	0.980	1.000	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58720598	1	SOLAR	11.4	N/A	X	0.9	0.975	0.995	1.035	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58676923	1	SOLAR	10	N/A	X	0.9	0.960	0.990	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58655734	1	SOLAR	7.6	N/A	X	0.9	0.960	0.990	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58709702	1	SOLAR	6	N/A	X	0.9	0.953	0.983	1.033	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58672397	1	SOLAR	11.4	N/A	X	0.9	0.956	0.986	1.036	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58743208	1	SOLAR	13.6	N/A	X	0.9	0.957	0.987	1.037	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58672024	1	SOLAR	10	N/A	X	0.9	0.950	0.971	1.031	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58651531	1	SOLAR	15.2	N/A	X	0.9	0.954	0.984	1.034	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58709474	1	SOLAR	10	N/A	X	0.9	0.960	0.990	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58687714	1	SOLAR	3.8	N/A	X	0.9	0.980	1.000	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58745903	1	SOLAR	10	N/A	X	0.9	0.970	0.990	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58746204	1	SOLAR	7.6	N/A	X	0.9	0.950	0.980	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58672840	1	SOLAR	12	N/A	X	0.9	0.950	0.970	1.030	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44

58688936	1	SOLAR	10	N/A	X	0.9	0.950	0.970	1.030	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58701343	1	SOLAR	7.6	N/A	X	0.9	0.950	0.968	1.018	1.048	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58653145	1	SOLAR	10	N/A	X	0.9	0.960	0.990	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58708471	1	SOLAR	3	N/A	X	0.9	0.950	0.979	1.039	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58712376	1	SOLAR	10	N/A	X	0.9	0.953	0.983	1.033	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58706620	1	SOLAR	10	N/A	X	0.9	0.950	0.968	1.028	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58704656	1	SOLAR	7.6	BATTERY	X	0.9	0.960	0.990	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58646343	1	SOLAR	11.4	N/A	X	0.9	0.950	0.971	1.031	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58694160	1	SOLAR	7.6	N/A	X	0.9	0.960	0.990	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58699867	1	SOLAR	10	N/A	X	0.9	0.956	0.986	1.036	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58746081	1	SOLAR	7.6	N/A	X	0.9	0.950	0.979	1.039	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58712757	1	SOLAR	7.6	N/A	X	0.9	0.950	0.975	1.035	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58693868	1	SOLAR	11.4	N/A	X	0.9	0.950	0.975	1.035	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58705180	1	SOLAR	6	N/A	X	0.9	0.960	0.990	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58698565	1	SOLAR	6	N/A	X	0.9	0.959	0.989	1.039	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58690062	1	SOLAR	10	N/A	X	0.9	0.960	0.990	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58658432	1	SOLAR	7.6	N/A	X	0.9	0.952	0.982	1.032	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58688216	1	SOLAR	5	N/A	X	0.9	0.958	0.988	1.038	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58693525	1	SOLAR	7.6	N/A	X	0.9	0.960	0.990	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58729783	1	SOLAR	13.6	N/A	X	0.9	0.960	0.990	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58720003	1	SOLAR	10	N/A	X	0.9	0.950	0.976	1.036	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58724839	1	SOLAR	5	N/A	X	0.9	0.950	0.970	1.030	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58674642	1	SOLAR	7.68	N/A	X	0.9	0.960	0.990	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58651147	1	SOLAR	11.4	N/A	X	0.9	0.980	1.000	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58651155	1	SOLAR	7.6	N/A	X	0.9	0.973	0.993	1.033	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58711124	1	SOLAR	10	N/A	X	0.9	0.950	0.968	1.028	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58717535	1	SOLAR	7.6	N/A	X	0.9	0.960	0.990	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58657451	1	SOLAR	10	N/A	X	0.9	0.950	0.973	1.033	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58663553	1	SOLAR	6	N/A	X	0.9	0.950	0.966	1.016	1.046	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58693344	1	SOLAR	5	N/A	X	0.9	0.956	0.986	1.036	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58690663	1	SOLAR	7.6	N/A	X	0.9	0.957	0.987	1.037	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58697303	1	SOLAR	7.68	N/A	X	0.9	0.960	0.990	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58696490	1	SOLAR	3.8	N/A	X	0.9	0.952	0.982	1.032	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58704397	1	SOLAR	16.4	N/A	X	0.9	0.950	0.970	1.030	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58691014	1	SOLAR	7.6	N/A	X	0.9	0.980	1.000	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58670714	1	SOLAR	7.6	N/A	X	0.9	0.950	0.970	1.030	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58683052	1	SOLAR	14.4	N/A	X	0.9	0.950	0.976	1.036	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58726918	1	SOLAR	10	N/A	X	0.9	0.960	0.990	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58697375	1	SOLAR	3	N/A	X	0.9	0.959	0.989	1.039	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58712772	1	SOLAR	34.2	N/A	X	0.9	0.970	0.990	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58692853	1	SOLAR	6	N/A	X	0.9	0.952	0.982	1.032	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58725931	1	SOLAR	5	N/A	X	0.9	0.960	0.990	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58701872	1	SOLAR	3.8	N/A	X	0.9	0.980	1.000	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58720963	1	SOLAR	7.6	N/A	X	0.9	0.950	0.980	1.030	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58694263	1	SOLAR	7.6	N/A	X	0.9	0.980	1.000	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58743475	1	SOLAR	5	N/A	X	0.9	0.950	0.980	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58697924	1	SOLAR	13.8	N/A	X	0.9	0.979	0.999	1.039	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58710126	1	SOLAR	15.2	N/A	X	0.9	0.960	0.990	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58664809	1	SOLAR	10	N/A	X	0.9	0.950	0.975	1.035	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58703940	1	SOLAR	7.6	N/A	X	0.9	0.950	0.971	1.031	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58724439	1	SOLAR	10	N/A	X	0.9	0.956	0.986	1.036	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58697478	1	SOLAR	10	N/A	X	0.9	0.960	0.990	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58726731	1	SOLAR	10	N/A	X	0.9	0.950	0.971	1.031	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58693663	1	SOLAR	6	N/A	X	0.9	0.980	1.000	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58704351	1	SOLAR	45	N/A	X	0.9	0.957	0.987	1.037	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58632112	1	SOLAR	7.6	N/A	X	0.9	0.950	0.967	1.027	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58650690	1	SOLAR	3.8	N/A	X	0.9	0.960	0.990	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58714726	1	SOLAR	5	N/A	X	0.9	0.953	0.983	1.033	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58691619	1	SOLAR	7.6	BATTERY	X	0.9	0.953	0.983	1.033	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58670400	1	SOLAR	7.6	N/A	X	0.9	0.960	0.990	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58631890	1	SOLAR	5	N/A	X	0.9	0.950	0.963	1.023	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58649358	1	SOLAR	3.8	N/A	X	0.9	0.950	0.965	1.025	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58715630	1	SOLAR	7.6	N/A	X	0.9	0.950	0.968	1.028	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58691984	1	SOLAR	7.6	N/A	X	0.9	0.950	0.964	1.014	1.044	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58664747	1	SOLAR	6	N/A	X	0.9	0.960	0.990	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58711813	1	SOLAR	11.4	N/A	X	0.9	0.980	1.000	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58718551	1	SOLAR	10	N/A	X	0.9	0.960	0.990	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58723007	1	SOLAR	12	N/A	X	0.9	0.980	1.000	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58675449	1	SOLAR	7.6	N/A	X	0.9	0.954	0.984	1.034	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58731908	1	SOLAR	10	N/A	X	0.9	0.970	0.990	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58655576	1	SOLAR	7.6	N/A	X	0.9	0.950	0.974	1.034	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58697074	1	SOLAR	6	N/A	X	0.9	0.978	0.998	1.038	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58630780	1	SOLAR	6	N/A	X	0.9	0.950	0.971	1.031	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58657286	1	SOLAR	6	N/A	X	0.9	0.960	0.990	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58730123	1	SOLAR	34.2	N/A	X	0.9	0.959	0.989	1.039	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58714219	1	SOLAR	10	N/A	X	0.9	0.950	0.969	1.029	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58711960	1	SOLAR	11.4	N/A	X	0.9	0.950	0.970	1.030	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58652094	1	SOLAR	10	N/A	X	0.9	0.950	0.979	1.039	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58650476	1	SOLAR	6	N/A	X	0.9	0.960	0.990	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58700338	1	SOLAR	12.6	N/A	X	0.9	0.979	0.999	1.039	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58674643	1	SOLAR	7.6	N/A	X	0.9	0.950	0.977	1.037	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58700753	1	SOLAR	10	N/A	X	0.9	0.950	0.976	1.036	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58701749	1	SOLAR	7.6	N/A	X	0.9	0.950	0.964	1.014	1.044	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58688841	1	SOLAR	7.6	BATTERY	X	0.9	0.950	0.965	1.025	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58702050	1	SOLAR	16	N/A	X	0.9	0.950	0.960	1.020	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58673453	1	SOLAR	11.4	N/A	X	0.9	0.950	0.978	1.038	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58715507	1	SOLAR	3.8	N/A	X	0.9	0.950	0.963	1.023	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58694772	1	SOLAR	10	N/A	X	0.9	0.950	0.964	1.024	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58669818	1	SOLAR	10	N/A	X	0.9	0.950	0.971	1.031	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58741037	1	SOLAR	7.6	N/A	X	0.9	0.955	0.985	1.035	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58651174	1	SOLAR	15.2	N/A	X	0.9	0.958	0.988	1.038	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58700114	1	SOLAR	10	N/A	X	0.9	0.955	0.985	1.035	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58694554	1	SOLAR	3.8	N/A	X	0.9	0.957	0.987	1.037	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58693554	1	SOLAR	15.2	N/A	X	0.9	0.980	1.000	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44

58727112	1	SOLAR	11.4	N/A	X	0.9	0.960	0.990	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58744027	1	SOLAR	10	N/A	X	0.9	0.950	0.977	1.037	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58700177	1	SOLAR	11.4	N/A	X	0.9	0.958	0.988	1.038	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58699155	1	SOLAR	7.6	BATTERY	X	0.9	0.957	0.987	1.037	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58675935	1	SOLAR	7.6	N/A	X	0.9	0.950	0.968	1.018	1.048	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58710996	1	SOLAR	10	N/A	X	0.9	0.950	0.964	1.024	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58696442	1	SOLAR	10	N/A	X	0.9	0.950	0.977	1.037	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58699153	1	SOLAR	11.4	N/A	X	0.9	0.955	0.985	1.035	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58715160	1	SOLAR	5	N/A	X	0.9	0.960	0.990	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58668303	1	SOLAR	7.6	N/A	X	0.9	0.980	1.000	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58726591	1	SOLAR	11.4	N/A	X	0.9	0.953	0.983	1.033	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58680811	1	SOLAR	7.6	N/A	X	0.9	0.957	0.987	1.037	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58716689	1	SOLAR	7.6	N/A	X	0.9	0.960	0.990	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58666244	1	SOLAR	15.2	N/A	X	0.9	0.980	1.000	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58639888	1	SOLAR	7.6	BATTERY	X	0.9	0.950	0.966	1.026	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58746974	1	SOLAR	7.6	N/A	X	0.9	0.970	0.990	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58706818	1	SOLAR	5	N/A	X	0.9	0.960	0.990	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58742690	1	SOLAR	5	N/A	X	0.9	0.960	0.990	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58707819	1	SOLAR	13.6	N/A	X	0.9	0.980	1.000	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58691506	1	SOLAR	10	N/A	X	0.9	0.954	0.984	1.034	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58644158	1	SOLAR	7.6	N/A	X	0.9	0.953	0.983	1.033	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58753429	1	SOLAR	14.4	N/A	X	0.9	0.952	0.982	1.032	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58711604	1	SOLAR	10	N/A	X	0.9	0.960	0.990	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58727347	1	SOLAR	15	BATTERY	X	0.9	0.970	0.990	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58716369	1	SOLAR	6	N/A	X	0.9	0.950	0.966	1.026	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58693526	1	SOLAR	10	N/A	X	0.9	0.976	0.996	1.036	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58699770	1	SOLAR	11.4	N/A	X	0.9	0.950	0.970	1.030	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58746255	1	SOLAR	11.4	N/A	X	0.9	0.979	0.999	1.039	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58648910	1	SOLAR	10	N/A	X	0.9	0.950	0.970	1.030	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58653701	1	SOLAR	20	N/A	X	0.9	0.960	0.990	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58682698	1	SOLAR	12	N/A	X	0.9	0.960	0.990	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58682988	1	SOLAR	20	N/A	X	0.9	0.950	0.976	1.036	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58682983	1	SOLAR	11.4	N/A	X	0.9	0.953	0.983	1.033	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58673048	1	SOLAR	10	N/A	X	0.9	0.950	0.965	1.025	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58709673	1	SOLAR	5	N/A	X	0.9	0.950	0.977	1.037	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58669140	1	SOLAR	11.4	N/A	X	0.9	0.952	0.982	1.032	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58692363	1	SOLAR	3.8	N/A	X	0.9	0.950	0.963	1.023	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58741203	1	SOLAR	10	N/A	X	0.9	0.950	0.977	1.037	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58740247	1	SOLAR	6	N/A	X	0.9	0.952	0.982	1.032	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58677494	1	SOLAR	5	N/A	X	0.9	0.950	0.977	1.037	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58691883	1	SOLAR	3	N/A	X	0.9	0.950	0.960	1.010	1.040	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58635671	1	SOLAR	15.2	BATTERY	X	0.9	0.950	0.973	1.033	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58723904	1	SOLAR	12	N/A	X	0.9	0.960	0.990	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58674372	1	SOLAR	7.6	N/A	X	0.9	0.960	0.990	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58691141	1	SOLAR	7.6	N/A	X	0.9	0.950	0.975	1.035	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58727989	1	SOLAR	10	N/A	X	0.9	0.950	0.974	1.034	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58700954	1	SOLAR	7.6	N/A	X	0.9	0.952	0.982	1.032	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58663084	1	SOLAR	6	N/A	X	0.9	0.951	0.981	1.031	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58696535	1	SOLAR	19	N/A	X	0.9	0.955	0.985	1.035	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58714452	1	SOLAR	7.6	BATTERY	X	0.9	0.950	0.978	1.038	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58750520	1	SOLAR	7.6	N/A	X	0.9	0.960	0.990	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58750818	1	SOLAR	6	N/A	X	0.9	0.970	0.990	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58633043	1	SOLAR	7.6	N/A	X	0.9	0.977	0.997	1.037	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58621582	1	SOLAR	5	N/A	X	0.9	0.955	0.985	1.035	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58693569	1	SOLAR	5	N/A	X	0.9	0.978	0.998	1.038	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58717387	1	SOLAR	10	N/A	X	0.9	0.958	0.988	1.038	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58694159	1	SOLAR	3.8	N/A	X	0.9	0.960	0.990	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58718359	1	SOLAR	11.4	N/A	X	0.9	0.980	1.000	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58690447	1	SOLAR	6	N/A	X	0.9	0.951	0.981	1.031	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58701689	1	SOLAR	5	N/A	X	0.9	0.958	0.988	1.038	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58689571	1	SOLAR	3.8	N/A	X	0.9	0.950	0.979	1.039	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58719699	1	SOLAR	3.8	N/A	X	0.9	0.952	0.982	1.032	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58696976	1	SOLAR	6	N/A	X	0.9	0.956	0.986	1.036	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58652327	1	SOLAR	7.6	N/A	X	0.9	0.950	0.980	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58705364	1	SOLAR	5	N/A	X	0.9	0.973	0.993	1.033	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58647583	1	SOLAR	5	N/A	X	0.9	0.950	0.980	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58690768	1	SOLAR	10	N/A	X	0.9	0.960	0.990	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58742960	1	SOLAR	5	N/A	X	0.9	0.980	1.000	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58641311	AM	SOLAR	3.8	N/A		0.9	0.980	1.000	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58689260	AM	SOLAR	45.6	N/A		0.9	0.960	0.990	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58691068	AM	SOLAR	11.4	N/A		0.9	0.950	0.969	1.029	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58677703	AM	SOLAR	5	N/A		0.9	0.954	0.984	1.034	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58691193	AM	SOLAR	13.6	N/A		0.9	0.960	0.990	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58683566	AM	SOLAR	21.12	N/A		0.9	0.950	0.980	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58683325	AM	SOLAR	10	N/A		0.9	0.980	1.000	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58688553	AM	SOLAR	11.4	N/A		0.9	0.960	0.990	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58636693	AM	SOLAR	6	N/A		0.9	0.960	0.990	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58680890	AM	SOLAR	10	N/A		0.9	0.950	0.963	1.013	1.043	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58693570	AM	SOLAR	11.4	N/A		0.9	0.958	0.988	1.038	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58727910	AM	SOLAR	3.8	N/A		0.9	0.950	0.969	1.019	1.039	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58695252	AM	SOLAR	10	N/A		0.9	0.950	0.963	1.023	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58663372	AM	SOLAR	6	N/A		0.9	0.960	0.990	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58679076	AM	SOLAR	7.6	N/A		0.9	0.959	0.989	1.039	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58721872	AM	SOLAR	19	N/A		0.9	0.960	0.990	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58713111	AM	SOLAR	16	N/A		0.9	0.950	0.964	1.024	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58693241	AM	SOLAR	5	N/A		0.9	0.980	1.000	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58700620	AM	SOLAR	11.4	N/A		0.9	0.952	0.982	1.032	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58690076	AM	SOLAR	10	N/A		0.9	0.950	0.960	1.010	1.040	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58715241	AM	SOLAR	11.4	N/A		0.9	0.950	0.973	1.033	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58708962	AM	SOLAR	6	N/A		0.9	0.963	0.983	1.023	1.043	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58690724	AM	SOLAR	6	N/A		0.9	0.960	0.990	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58707785	AM	SOLAR	7.6	N/A		0.9	0.951	0.981	1.031	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58690065	AM	SOLAR	10	N/A		0.9	0.951	0.981	1.031	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58704433	AM	SOLAR	7.6	N/A		0.9	0.950	0.967	1.027	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44

58749847	AM	SOLAR	5	N/A		0.9	0.960	0.990	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58690238	AM	SOLAR	15.2	N/A		0.9	0.950	0.974	1.034	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58746500	AM	SOLAR	5	N/A		0.9	0.957	0.987	1.037	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58647635	AM	SOLAR	10	N/A		0.9	0.950	0.978	1.038	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58720504	AM	SOLAR	6	N/A		0.9	0.960	0.990	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58696494	AM	SOLAR	3.8	N/A		0.9	0.980	1.000	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58664974	AM	SOLAR	6	N/A		0.9	0.950	0.980	1.030	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58722342	AM	SOLAR	5	N/A		0.9	0.950	0.967	1.027	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58706458	AM	SOLAR	3.8	N/A		0.9	0.960	0.990	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58669635	AM	SOLAR	5	N/A		0.9	0.959	0.989	1.039	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58679215	AM	SOLAR	17.6	N/A		0.9	0.950	0.972	1.032	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58713961	AM	SOLAR	10	N/A		0.9	0.957	0.987	1.037	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58691208	AM	SOLAR	7.6	N/A		0.9	0.980	1.000	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58653738	AM	SOLAR	3.8	N/A		0.9	0.978	0.998	1.038	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58718167	AM	SOLAR	10	N/A		0.9	0.955	0.985	1.035	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58710004	AM	SOLAR	10	N/A		0.9	0.974	0.994	1.034	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58675527	AM	SOLAR	17.28	BATTERY		0.9	0.960	0.990	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58716630	AM	SOLAR	27.6	N/A		0.9	0.950	0.974	1.034	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58682980	AM	SOLAR	6	N/A		0.9	0.950	0.969	1.029	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58706772	AM	SOLAR	13	N/A		0.9	0.950	0.969	1.029	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58646978	AM	SOLAR	7.6	N/A		0.9	0.950	0.972	1.032	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58668246	AM	SOLAR	11.4	N/A		0.9	0.960	0.990	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58672406	AM	SOLAR	7.6	N/A		0.9	0.960	0.990	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58676553	AM	SOLAR	6	N/A		0.9	0.980	1.000	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58694483	AM	SOLAR	7.6	N/A		0.9	0.963	0.983	1.023	1.043	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58640727	AM	SOLAR	7.6	N/A		0.9	0.972	0.992	1.032	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58730547	AM	SOLAR	6	N/A		0.9	0.970	0.990	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58696819	AM	SOLAR	15.2	N/A		0.9	0.950	0.967	1.017	1.047	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58644428	AM	SOLAR	7.6	BATTERY		0.9	0.960	0.990	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58706223	AM	SOLAR	7.6	N/A		0.9	0.979	0.999	1.039	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58642812	AM	SOLAR	5	N/A		0.9	0.980	1.000	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58624775	AM	SOLAR	7.6	N/A		0.9	0.956	0.986	1.037	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58670099	AM	SOLAR	7.68	BATTERY		0.9	0.953	0.983	1.033	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58672803	AM	SOLAR	11.4	N/A		0.9	0.950	0.980	1.030	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58675807	AM	SOLAR	5	N/A		0.9	0.955	0.985	1.035	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58740648	AM	SOLAR	7.6	N/A		0.9	0.960	0.990	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58700778	AM	SOLAR	80	N/A		0.9	0.950	0.978	1.038	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58725352	AM	SOLAR	6	N/A		0.9	0.950	0.975	1.035	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58673431	AM	SOLAR	6	N/A		0.9	0.971	0.991	1.031	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58676567	AM	SOLAR	6	N/A		0.9	0.950	0.979	1.039	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58691532	AM	SOLAR	7.6	N/A		0.9	0.980	1.000	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58703013	AM	SOLAR	22.8	N/A		0.9	0.960	0.990	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58651000	AM	SOLAR	6	N/A		0.9	0.960	0.990	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58693527	AM	SOLAR	11.4	N/A		0.9	0.954	0.984	1.034	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58695058	AM	SOLAR	3.8	N/A		0.9	0.960	0.990	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58688816	AM	SOLAR	5.76	N/A		0.9	0.955	0.985	1.035	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58676212	AM	SOLAR	17.6	N/A		0.9	0.956	0.986	1.036	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58746442	AM	SOLAR	15.2	N/A		0.9	0.950	0.963	1.023	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58723726	AM	SOLAR	6	N/A		0.9	0.950	0.977	1.037	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58691172	AM	SOLAR	5	N/A		0.9	0.951	0.981	1.031	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58703769	AM	SOLAR	10	N/A		0.9	0.959	0.989	1.039	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58722317	AM	SOLAR	11.4	N/A		0.9	0.960	0.990	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58690106	AM	SOLAR	12	N/A		0.9	0.975	0.995	1.035	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58710723	AM	SOLAR	13.6	N/A		0.9	0.960	0.990	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58743627	AM	SOLAR	5	N/A		0.9	0.978	0.998	1.038	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58716922	AM	SOLAR	7.6	N/A		0.9	0.950	0.960	1.000	1.020	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58618966	AM	SOLAR	33	BATTERY		0.9	0.974	0.994	1.034	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58664642	AM	SOLAR	17.4	N/A		0.9	0.950	0.977	1.037	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58712641	AM	SOLAR	7.6	N/A		0.9	0.960	0.990	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58739995	AM	SOLAR	7.6	N/A		0.9	0.967	0.987	1.037	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58680896	AM	SOLAR	10	N/A		0.9	0.960	0.990	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58676760	AM	SOLAR	10	N/A		0.9	0.960	0.990	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58718866	AM	SOLAR	6	N/A		0.9	0.950	0.973	1.033	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58680874	AM	SOLAR	17.6	N/A		0.9	0.959	0.989	1.039	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58690972	AM	SOLAR	5	N/A		0.9	0.950	0.976	1.036	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58722148	AM	SOLAR	6	N/A		0.9	0.950	0.973	1.033	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58708090	AM	SOLAR	7.6	N/A		0.9	0.950	0.980	1.030	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58690228	AM	SOLAR	6	N/A		0.9	0.950	0.963	1.023	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58642855	AM	SOLAR	6	N/A		0.9	0.960	0.990	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58671438	AM	SOLAR	10	N/A		0.9	0.957	0.987	1.037	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58699661	AM	SOLAR	7.6	N/A		0.9	0.950	0.980	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58700120	AM	SOLAR	7.6	N/A		0.9	0.950	0.969	1.029	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58715540	AM	SOLAR	11.4	N/A		0.9	0.976	0.996	1.036	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58677924	AM	SOLAR	10	N/A		0.9	0.950	0.971	1.031	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58747201	AM	SOLAR	10	N/A		0.9	0.960	0.990	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58703784	AM	SOLAR	6	N/A		0.9	0.957	0.987	1.037	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58719263	AM	SOLAR	5	N/A		0.9	0.980	1.000	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58714422	AM	SOLAR	7.6	N/A		0.9	0.950	0.965	1.015	1.045	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58677936	AM	SOLAR	11.4	N/A		0.9	0.960	0.990	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58676135	AM	SOLAR	6	N/A		0.9	0.958	0.988	1.038	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58690225	AM	SOLAR	5	N/A		0.9	0.960	0.990	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58700130	AM	SOLAR	15.2	BATTERY		0.9	0.980	1.000	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58723164	AM	SOLAR	10	N/A		0.9	0.950	0.960	1.020	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58706387	AM	SOLAR	10	N/A		0.9	0.950	0.965	1.025	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58722048	AM	SOLAR	12	N/A		0.9	0.950	0.980	1.030	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58749245	AM	SOLAR	13.6	N/A		0.9	0.960	0.990	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58744744	AM	SOLAR	7.6	N/A		0.9	0.980	1.000	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58695597	AM	SOLAR	5	N/A		0.9	0.956	0.986	1.036	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58698178	AM	SOLAR	11.4	N/A		0.9	0.950	0.960	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58699014	AM	SOLAR	5	BATTERY		0.9	0.980	1.000	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58721504	AM	SOLAR	10	N/A		0.9	0.960	0.990	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58708657	AM	SOLAR	10	N/A		0.9	0.974	0.994	1.034	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58715606	AM	SOLAR	10	N/A		0.9	0.955	0.985	1.035	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58719130	AM	SOLAR	10	N/A		0.9	0.956	0.986	1.036	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44

58711131	AM	SOLAR	3.8	N/A		0.9	0.980	1.000	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58642674	AM	SOLAR	3.8	BATTERY		0.9	0.950	0.971	1.031	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58708337	AM	SOLAR	13	N/A		0.9	0.950	0.975	1.035	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58705526	AM	SOLAR	10	N/A		0.9	0.960	0.990	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58673446	AM	SOLAR	11.4	N/A		0.9	0.955	0.985	1.035	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58742106	AM	SOLAR	10	N/A		0.9	0.950	0.979	1.039	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58647604	AM	SOLAR	11.4	N/A		0.9	0.968	0.988	1.028	1.048	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58691648	AM	SOLAR	10	N/A		0.9	0.950	0.980	1.030	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58698390	AM	SOLAR	5	N/A		0.9	0.978	0.998	1.038	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58690637	AM	SOLAR	7.6	N/A		0.9	0.960	0.990	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58689783	AM	SOLAR	10	N/A		0.9	0.980	1.000	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58648379	AM	SOLAR	10	N/A		0.9	0.959	0.989	1.039	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58718713	AM	SOLAR	10	N/A		0.9	0.952	0.982	1.032	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58737357	AM	SOLAR	15.2	N/A		0.9	0.950	0.971	1.031	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58704224	AM	SOLAR	6	N/A		0.9	0.950	0.979	1.039	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58704232	AM	SOLAR	7.6	N/A		0.9	0.950	0.975	1.035	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58705598	AM	SOLAR	7.6	N/A		0.9	0.951	0.981	1.031	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58650152	AM	SOLAR	22.8	N/A		0.9	0.957	0.987	1.037	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58698008	AM	SOLAR	3.8	N/A		0.9	0.950	0.976	1.036	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58707175	AM	SOLAR	10	N/A		0.9	0.950	0.960	1.020	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58688780	AM	SOLAR	6	N/A		0.9	0.960	0.990	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58650509	AM	SOLAR	10	N/A		0.9	0.960	0.990	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58680003	AM	SOLAR	11.4	N/A		0.9	0.950	0.970	1.030	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58705795	AM	SOLAR	17.6	N/A		0.9	0.950	0.978	1.038	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58711487	AM	SOLAR	13	N/A		0.9	0.953	0.983	1.033	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58697598	AM	SOLAR	22.8	N/A		0.9	0.950	0.977	1.037	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58722693	AM	SOLAR	10	N/A		0.9	0.950	0.980	1.030	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58658325	AM	SOLAR	11.4	N/A		0.9	0.958	0.988	1.038	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58690292	AM	SOLAR	7.6	N/A		0.9	0.960	0.990	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58716495	AM	SOLAR	11.4	N/A		0.9	0.954	0.984	1.034	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58698638	AM	SOLAR	22	N/A		0.9	0.950	0.978	1.038	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58699954	AM	SOLAR	10	N/A		0.9	0.950	0.971	1.031	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58717644	AM	SOLAR	7.6	N/A		0.9	0.950	0.971	1.031	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58713046	AM	SOLAR	16	N/A		0.9	0.971	0.991	1.031	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58637170	AM	SOLAR	5	N/A		0.9	0.950	0.975	1.035	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58682959	AM	SOLAR	11.4	N/A		0.9	0.960	0.990	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58712817	AM	SOLAR	10	N/A		0.9	0.950	0.977	1.037	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58657224	AM	SOLAR	13	N/A		0.9	0.951	0.981	1.031	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58691123	AM	SOLAR	11.4	N/A		0.9	0.954	0.984	1.034	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58702374	AM	SOLAR	10	N/A		0.9	0.980	1.000	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58713932	AM	SOLAR	3.8	N/A		0.9	0.955	0.985	1.035	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58747662	AM	SOLAR	7.6	N/A		0.9	0.960	0.990	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58743520	AM	SOLAR	6	N/A		0.9	0.950	0.968	1.018	1.048	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58701050	AM	SOLAR	7.6	N/A		0.9	0.959	0.989	1.039	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58745523	AM	SOLAR	7.6	N/A		0.9	0.954	0.984	1.034	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58720256	AM	SOLAR	5	N/A		0.9	0.980	1.000	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58719382	AM	SOLAR	3.8	N/A		0.9	0.969	0.989	1.029	1.049	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58606884	AM	SOLAR	7.6	N/A		0.9	0.971	0.991	1.031	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58720348	AM	SOLAR	6	N/A		0.9	0.950	0.970	1.030	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58696661	AM	SOLAR	21.4	N/A		0.9	0.980	1.000	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58674033	AM	SOLAR	5	N/A		0.9	0.960	0.990	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58651079	AM	SOLAR	3.8	N/A		0.9	0.980	1.000	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58698345	AM	SOLAR	12	N/A		0.9	0.979	0.999	1.039	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58700726	AM	SOLAR	7.6	N/A		0.9	0.973	0.993	1.033	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58713467	AM	SOLAR	10	N/A		0.9	0.980	1.000	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58714673	AM	SOLAR	11.4	N/A		0.9	0.958	0.988	1.038	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58691357	AM	SOLAR	3	N/A		0.9	0.980	1.000	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58706022	AM	SOLAR	6	N/A		0.9	0.980	1.000	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58704359	AM	SOLAR	17.6	N/A		0.9	0.980	1.000	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58680238	AM	SOLAR	7.6	N/A		0.9	0.950	0.964	1.014	1.044	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58715774	AM	SOLAR	19	N/A		0.9	0.960	0.990	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58695692	AM	SOLAR	7.6	N/A		0.9	0.950	0.979	1.039	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58709656	AM	SOLAR	15.2	BATTERY		0.9	0.950	0.979	1.039	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58711043	AM	SOLAR	10	N/A		0.9	0.950	0.965	1.025	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58630325	AM	SOLAR	16	N/A		0.9	0.956	0.986	1.036	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58697557	AM	SOLAR	5	N/A		0.9	0.980	1.000	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58691903	AM	SOLAR	45.6	N/A		0.9	0.950	0.970	1.030	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58703709	AM	SOLAR	6	N/A		0.9	0.960	0.990	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58719677	AM	SOLAR	7.6	N/A		0.9	0.960	0.990	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58651534	AM	SOLAR	7.68	BATTERY		0.9	0.951	0.981	1.031	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58670071	AM	SOLAR	6	N/A		0.9	0.980	1.000	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58706515	AM	SOLAR	11.4	N/A		0.9	0.950	0.969	1.029	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58691293	AM	SOLAR	10	N/A		0.9	0.950	0.976	1.036	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58725768	AM	SOLAR	12	N/A		0.9	0.950	0.961	1.021	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58699671	AM	SOLAR	10	N/A		0.9	0.960	0.990	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58666277	AM	SOLAR	10	N/A		0.9	0.953	0.983	1.033	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58663127	AM	SOLAR	10	N/A		0.9	0.950	0.976	1.036	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58704690	AM	SOLAR	10	N/A		0.9	0.960	0.990	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58724647	AM	SOLAR	11.4	N/A		0.9	0.950	0.980	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58689123	AM	SOLAR	6	N/A		0.9	0.950	0.968	1.018	1.048	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58639697	AM	SOLAR	7.6	N/A		0.9	0.960	0.990	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58694502	AM	SOLAR	6	N/A		0.9	0.963	0.983	1.023	1.043	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58679358	AM	SOLAR	6	N/A		0.9	0.954	0.984	1.034	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58687620	AM	SOLAR	10	BATTERY		0.9	0.960	0.990	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58718316	AM	SOLAR	19	N/A		0.9	0.970	0.990	1.030	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58614674	AM	SOLAR	13.6	N/A		0.9	0.950	0.965	1.015	1.045	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58677550	AM	SOLAR	13.6	N/A		0.9	0.950	0.967	1.027	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58671534	AM	SOLAR	20	N/A		0.9	0.975	0.995	1.035	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58671650	AM	SOLAR	7.6	N/A		0.9	0.974	0.994	1.034	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58614061	AM	SOLAR	3.8	N/A		0.9	0.950	0.975	1.035	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58704286	AM	SOLAR	10	N/A		0.9	0.980	1.000	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58743126	AM	SOLAR	3.8	N/A		0.9	0.979	0.999	1.039	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58648179	AM	SOLAR	14.4	N/A		0.9	0.950	0.974	1.034	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58705604	AM	SOLAR	10.6	N/A		0.9	0.950	0.975	1.035	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44

58697313	AM	SOLAR	10	N/A		0.9	0.957	0.987	1.037	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58639702	AM	SOLAR	22.8	N/A		0.9	0.950	0.965	1.015	1.045	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58683356	AM	SOLAR	7.6	N/A		0.9	0.980	1.000	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58631390	AM	SOLAR	7.6	N/A		0.9	0.950	0.965	1.015	1.045	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58646271	AM	SOLAR	7.6	N/A		0.9	0.960	0.990	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58657745	AM	SOLAR	12	N/A		0.9	0.950	0.978	1.038	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58653718	AM	SOLAR	10	N/A		0.9	0.950	0.960	1.020	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58698995	AM	SOLAR	10	N/A		0.9	0.950	0.968	1.028	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58663588	AM	SOLAR	5	N/A		0.9	0.960	0.990	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58732908	AM	SOLAR	3.8	N/A		0.9	0.950	0.964	1.024	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58698582	AM	SOLAR	15.2	N/A		0.9	0.976	0.996	1.036	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58691249	AM	SOLAR	7.6	N/A		0.9	0.957	0.987	1.030	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58659885	AM	SOLAR	6	N/A		0.9	0.980	1.000	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58649184	AM	SOLAR	10	N/A		0.9	0.950	0.978	1.038	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58693966	AM	SOLAR	10	N/A		0.9	0.972	0.992	1.032	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58703046	AM	SOLAR	8	N/A		0.9	0.950	0.969	1.029	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58753798	AM	SOLAR	5	N/A		0.9	0.960	0.990	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58626122	AM	SOLAR	7.6	N/A		0.9	0.975	0.995	1.035	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58718341	AM	SOLAR	11.4	N/A		0.9	0.980	1.000	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58754455	AM	SOLAR	10	N/A		0.9	0.960	0.990	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58750792	AM	SOLAR	6	N/A		0.9	0.960	0.990	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58744832	AM	SOLAR	5	N/A		0.9	0.980	1.000	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58738372	AM	SOLAR	7.6	N/A		0.9	0.968	0.988	1.038	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58699652	AM	SOLAR	7.6	N/A		0.9	0.950	0.979	1.039	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58691165	AM	SOLAR	26.6	N/A		0.9	0.958	0.988	1.038	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58719829	AM	SOLAR	10	N/A		0.9	0.956	0.986	1.036	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58707235	AM	SOLAR	8.8	N/A		0.9	0.960	0.990	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58679036	AM	SOLAR	7.6	N/A		0.9	0.980	1.000	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58651626	AM	SOLAR	16	N/A		0.9	0.980	1.000	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58722413	AM	SOLAR	11.4	N/A		0.9	0.960	0.990	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58636658	AM	SOLAR	10	N/A		0.9	0.959	0.989	1.039	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58719712	AM	SOLAR	10	N/A		0.9	0.975	0.995	1.037	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58704020	AM	SOLAR	10	N/A		0.9	0.980	1.000	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58740668	AM	SOLAR	6	N/A		0.9	0.960	0.990	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58718615	AM	SOLAR	10	N/A		0.9	0.957	0.987	1.037	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58682045	AM	SOLAR	7.6	N/A		0.9	0.960	0.990	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58650330	AM	SOLAR	7.6	N/A		0.9	0.953	0.983	1.033	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58660673	AM	SOLAR	6	N/A		0.9	0.950	0.975	1.035	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58695356	AM	SOLAR	15.36	N/A		0.9	0.950	0.976	1.036	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58690501	AM	SOLAR	7.6	N/A		0.9	0.955	0.980	1.035	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58674072	AM	SOLAR	7.6	BATTERY		0.9	0.950	0.980	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58751250	AM	SOLAR	6	N/A		0.9	0.960	0.990	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58715655	AM	SOLAR	6	N/A		0.9	0.950	0.975	1.035	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58682028	AM	SOLAR	11.4	N/A		0.9	0.959	0.989	1.039	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58657699	AM	SOLAR	7.6	N/A		0.9	0.968	0.988	1.028	1.048	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58707017	AM	SOLAR	7.6	N/A		0.9	0.960	0.990	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58704424	AM	SOLAR	6	N/A		0.9	0.960	0.990	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58695369	AM	SOLAR	7.6	N/A		0.9	0.980	1.000	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58676123	AM	SOLAR	10	N/A		0.9	0.980	1.000	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58698538	AM	SOLAR	11.4	N/A		0.9	0.960	0.990	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58726176	AM	SOLAR	12	N/A		0.9	0.959	0.989	1.039	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58742275	AM	SOLAR	6	N/A		0.9	0.970	0.990	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58635511	AM	SOLAR	7.6	N/A		0.9	0.960	0.990	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58714859	AM	SOLAR	7.6	N/A		0.9	0.950	0.973	1.033	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58693064	AM	SOLAR	13.6	N/A		0.9	0.960	0.990	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58731693	AM	SOLAR	6	N/A		0.9	0.950	0.980	1.030	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58682705	AM	SOLAR	7.6	N/A		0.9	0.960	0.990	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58717909	AM	SOLAR	3	N/A		0.9	0.957	0.987	1.037	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58731045	AM	SOLAR	10	N/A		0.9	0.950	0.974	1.034	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58702265	AM	SOLAR	11.4	N/A		0.9	0.950	0.965	1.015	1.045	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58705572	AM	SOLAR	15.2	N/A		0.9	0.980	1.000	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58698170	AM	SOLAR	11.4	N/A		0.9	0.980	1.000	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58691880	AM	SOLAR	7.6	N/A		0.9	0.960	0.990	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58691183	AM	SOLAR	3.8	N/A		0.9	0.964	0.984	1.024	1.044	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58711599	AM	SOLAR	3.8	N/A		0.9	0.950	0.977	1.037	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58712107	AM	SOLAR	5	N/A		0.9	0.950	0.969	1.029	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58705605	AM	SOLAR	5	N/A		0.9	0.950	0.975	1.035	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58636823	AM	SOLAR	6	N/A		0.9	0.950	0.971	1.031	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58690323	AM	SOLAR	6	N/A		0.9	0.950	0.960	1.010	1.040	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58703727	AM	SOLAR	10	N/A		0.9	0.950	0.976	1.036	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58642717	AM	SOLAR	10	N/A		0.9	0.950	0.980	1.030	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58688471	AM	SOLAR	10	N/A		0.9	0.959	0.989	1.039	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58746242	AM	SOLAR	11.4	N/A		0.9	0.955	0.985	1.035	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58720831	AM	SOLAR	7.6	N/A		0.9	0.950	0.975	1.035	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58614463	AM	SOLAR	3.8	N/A		0.9	0.950	0.960	1.000	1.020	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58632023	AM	SOLAR	6	N/A		0.9	0.950	0.967	1.017	1.047	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58745935	AM	SOLAR	6	N/A		0.9	0.950	0.979	1.039	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58704197	AM	SOLAR	7.6	N/A		0.9	0.950	0.971	1.031	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58713532	AM	SOLAR	13.6	N/A		0.9	0.956	0.986	1.036	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58709096	AM	SOLAR	7.6	N/A		0.9	0.960	0.990	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58719291	AM	SOLAR	3	N/A		0.9	0.968	0.988	1.028	1.048	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58641910	AM	SOLAR	7.6	N/A		0.9	0.980	1.000	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58713219	AM	SOLAR	5	N/A		0.9	0.962	0.982	1.022	1.042	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58691464	AM	SOLAR	11.4	N/A		0.9	0.950	0.975	1.035	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58693118	AM	SOLAR	10	N/A		0.9	0.950	0.969	1.029	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58694841	AM	SOLAR	5	N/A		0.9	0.955	0.985	1.035	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58659774	AM	SOLAR	7.6	N/A		0.9	0.950	0.960	1.010	1.040	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58725643	AM	SOLAR	11.4	N/A		0.9	0.960	0.990	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58683054	AM	SOLAR	13.44	N/A		0.9	0.950	0.976	1.036	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58705382	AM	SOLAR	15.2	N/A		0.9	0.950	0.960	1.010	1.040	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58658193	AM	SOLAR	10	N/A		0.9	0.955	0.985	1.035	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58749947	AM	SOLAR	3	N/A		0.9	0.950	0.975	1.035	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58708377	AM	SOLAR	15	N/A		0.9	0.950	0.975	1.035	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58672997	AM	SOLAR	7.6	N/A		0.9	0.980	1.000	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44

58704446	AM	SOLAR	6	N/A		0.9	0.978	0.998	1.038	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58697726	AM	SOLAR	12	N/A		0.9	0.959	0.989	1.039	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58748173	AM	SOLAR	6	N/A		0.9	0.950	0.975	1.035	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58698388	AM	SOLAR	6	N/A		0.9	0.956	0.986	1.036	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58725600	AM	SOLAR	3.8	N/A		0.9	0.952	0.982	1.032	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58719154	AM	SOLAR	11.4	N/A		0.9	0.960	0.990	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58696637	AM	SOLAR	17.4	N/A		0.9	0.950	0.975	1.035	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58701734	AM	SOLAR	15	N/A		0.9	0.951	0.981	1.031	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58716916	AM	SOLAR	10	N/A		0.9	0.960	0.990	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58651178	AM	SOLAR	3.84	BATTERY		0.9	0.960	0.990	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58714165	AM	SOLAR	15.2	N/A		0.9	0.960	0.990	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58624351	AM	SOLAR	7.6	N/A		0.9	0.950	0.980	1.030	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58720602	AM	SOLAR	16	N/A		0.9	0.960	0.990	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58698893	AM	SOLAR	15.2	N/A		0.9	0.956	0.986	1.036	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58691339	AM	SOLAR	3.8	N/A		0.9	0.980	1.000	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58676885	AM	SOLAR	6	N/A		0.9	0.980	1.000	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58752144	AM	SOLAR	10	N/A		0.9	0.960	0.990	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58678789	AM	SOLAR	10	N/A		0.9	0.953	0.983	1.033	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58696588	AM	SOLAR	5	N/A		0.9	0.950	0.973	1.033	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58691169	AM	SOLAR	5	N/A		0.9	0.980	1.000	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58653434	AM	SOLAR	7.6	N/A		0.9	0.960	0.990	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58720015	AM	SOLAR	11.4	N/A		0.9	0.960	0.990	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58691192	AM	SOLAR	10	N/A		0.9	0.956	0.986	1.036	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58698954	AM	SOLAR	10	N/A		0.9	0.950	0.970	1.030	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58724783	AM	SOLAR	16	N/A		0.9	0.976	0.996	1.036	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58742894	AM	SOLAR	6	N/A		0.9	0.957	0.987	1.037	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58748672	AM	SOLAR	5	N/A		0.9	0.973	0.993	1.033	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58649758	AM	SOLAR	6	N/A		0.9	0.969	0.989	1.029	1.049	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58676214	AM	SOLAR	3.8	N/A		0.9	0.958	0.978	1.018	1.038	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58692396	AM	SOLAR	6	N/A		0.9	0.950	0.978	1.038	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58722234	AM	SOLAR	11.4	N/A		0.9	0.953	0.983	1.033	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58701699	AM	SOLAR	7.6	N/A		0.9	0.950	0.971	1.031	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58748269	AM	SOLAR	10	N/A		0.9	0.956	0.986	1.036	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58714882	AM	SOLAR	10	N/A		0.9	0.950	0.977	1.037	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58720205	AM	SOLAR	17.6	N/A		0.9	0.951	0.981	1.031	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58636421	AM	SOLAR	10	N/A		0.9	0.980	1.000	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58706758	AM	SOLAR	7.6	N/A		0.9	0.950	0.978	1.038	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58721937	AM	SOLAR	11.4	N/A		0.9	0.956	0.986	1.036	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58694497	AM	SOLAR	6	N/A		0.9	0.960	0.990	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58681437	AM	SOLAR	3.8	N/A		0.9	0.950	0.968	1.028	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58695324	AM	SOLAR	10	N/A		0.9	0.960	0.990	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58704438	AM	SOLAR	7.6	N/A		0.9	0.980	1.000	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58691722	AM	SOLAR	15.2	N/A		0.9	0.958	0.988	1.038	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58670137	AM	SOLAR	6	N/A		0.9	0.960	0.990	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58718145	AM	SOLAR	11.4	N/A		0.9	0.960	0.990	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58651098	AM	SOLAR	20	N/A		0.9	0.950	0.968	1.028	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58752282	AM	SOLAR	6	N/A		0.9	0.964	0.984	1.034	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58642871	AM	SOLAR	11.4	N/A		0.9	0.950	0.974	1.034	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58613927	AM	SOLAR	5	N/A		0.9	0.950	0.966	1.026	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58672407	AM	SOLAR	7.6	N/A		0.9	0.950	0.960	1.010	1.040	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58696333	AM	SOLAR	10	N/A		0.9	0.950	0.960	1.000	1.020	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58694116	AM	SOLAR	6	N/A		0.9	0.960	0.990	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58721814	AM	SOLAR	13.8	N/A		0.9	0.954	0.984	1.034	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58645789	AM	SOLAR	11.4	N/A		0.9	0.951	0.981	1.031	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58709165	AM	SOLAR	11.4	N/A		0.9	0.960	0.990	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58694896	AM	SOLAR	6	N/A		0.9	0.969	0.989	1.029	1.049	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58647887	AM	SOLAR	6	N/A		0.9	0.979	0.999	1.039	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58699018	AM	SOLAR	11.4	N/A		0.9	0.950	0.960	1.010	1.040	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58687622	AM	SOLAR	10	N/A		0.9	0.950	0.978	1.038	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58673084	AM	SOLAR	10	N/A		0.9	0.950	0.965	1.025	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58703203	AM	SOLAR	3	N/A		0.9	0.950	0.980	1.030	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58703214	AM	SOLAR	3.8	N/A		0.9	0.950	0.980	1.030	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58703231	AM	SOLAR	3	N/A		0.9	0.950	0.980	1.030	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58674154	AM	SOLAR	13.44	BATTERY		0.9	0.950	0.969	1.029	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58673486	AM	SOLAR	7.6	N/A		0.9	0.950	0.968	1.028	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58695522	AM	SOLAR	11.4	N/A		0.9	0.960	0.990	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58715643	AM	SOLAR	5	N/A		0.9	0.952	0.982	1.032	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58664627	AM	SOLAR	15.2	N/A		0.9	0.950	0.979	1.039	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58690338	AM	SOLAR	19	N/A		0.9	0.950	0.972	1.032	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58705258	AM	SOLAR	15.36	N/A		0.9	0.960	0.990	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58699492	AM	SOLAR	10	N/A		0.9	0.950	0.977	1.037	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58747247	AM	SOLAR	21.4	N/A		0.9	0.975	0.995	1.035	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58651441	AM	SOLAR	7.6	N/A		0.9	0.976	0.996	1.036	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58683557	AM	SOLAR	17.4	N/A		0.9	0.950	0.979	1.039	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58689254	AM	SOLAR	11.4	N/A		0.9	0.980	1.000	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58674708	AM	SOLAR	20	N/A		0.9	0.950	0.973	1.033	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58626983	AM	SOLAR	5	N/A		0.9	0.958	0.988	1.038	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58706753	AM	SOLAR	3.8	N/A		0.9	0.966	0.986	1.026	1.046	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58670003	AM	SOLAR	11.4	N/A		0.9	0.950	0.972	1.032	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58678548	AM	SOLAR	10	N/A		0.9	0.950	0.971	1.031	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58691041	AM	SOLAR	6	BATTERY		0.9	0.960	0.990	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58744933	AM	SOLAR	10	N/A		0.9	0.950	0.979	1.039	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58713684	AM	SOLAR	5	N/A		0.9	0.960	0.990	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58642952	AM	SOLAR	5	N/A		0.9	0.950	0.963	1.023	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58687850	AM	SOLAR	5	N/A		0.9	0.960	0.990	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58650915	AM	SOLAR	12	N/A		0.9	0.979	0.999	1.039	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58697216	AM	SOLAR	11.4	N/A		0.9	0.950	0.967	1.027	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58745289	AM	SOLAR	7.6	N/A		0.9	0.950	0.972	1.032	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58721353	AM	SOLAR	10	N/A		0.9	0.960	0.990	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58724758	AM	SOLAR	6	N/A		0.9	0.980	1.000	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58677466	AM	SOLAR	7.6	N/A		0.9	0.978	0.998	1.030	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58687948	AM	SOLAR	13.6	N/A		0.9	0.958	0.988	1.038	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58751245	AM	SOLAR	15.2	N/A		0.9	0.955	0.985	1.035	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58661439	AM	SOLAR	10	N/A		0.9	0.950	0.969	1.019	1.049	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44

58703912	AM	SOLAR	10	N/A		0.9	0.950	0.978	1.038	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58645750	AM	SOLAR	6	N/A		0.9	0.950	0.980	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58666822	AM	SOLAR	1150	N/A		0.9	0.952	0.982	1.032	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58641126	AM	SOLAR	5	N/A		0.9	0.955	0.985	1.035	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58695103	AM	SOLAR	5	N/A		0.9	0.980	1.000	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58687822	AM	SOLAR	30.4	N/A		0.9	0.979	0.999	1.039	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58704032	AM	SOLAR	16.4	N/A		0.9	0.950	0.975	1.035	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58716833	AM	SOLAR	3	N/A		0.9	0.965	0.985	1.025	1.045	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58689520	AM	SOLAR	7.6	N/A		0.9	0.971	0.991	1.031	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58690991	AM	SOLAR	5	N/A		0.9	0.950	0.979	1.039	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58674276	AM	SOLAR	10	N/A		0.9	0.978	0.998	1.038	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58742901	AM	SOLAR	10	N/A		0.9	0.951	0.981	1.031	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58651060	AM	SOLAR	6	N/A		0.9	0.960	0.990	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58648227	AM	SOLAR	6	N/A		0.9	0.960	0.990	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58691550	AM	SOLAR	7.6	N/A		0.9	0.960	0.990	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58630714	AM	SOLAR	10	N/A		0.9	0.950	0.969	1.019	1.049	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58703042	AM	SOLAR	22.8	N/A		0.9	0.954	0.984	1.034	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58748856	AM	SOLAR	20	N/A		0.9	0.960	0.990	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58748300	AM	SOLAR	6	N/A		0.9	0.980	1.000	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58671354	AM	SOLAR	17.6	N/A		0.9	0.950	0.963	1.023	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58704172	AM	SOLAR	10	N/A		0.9	0.960	0.990	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58677089	AM	SOLAR	10	N/A		0.9	0.950	0.973	1.033	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58628156	AM	SOLAR	7.6	N/A		0.9	0.950	0.972	1.032	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58707177	AM	SOLAR	10	N/A		0.9	0.979	0.999	1.039	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58691872	AM	SOLAR	12	N/A		0.9	0.954	0.984	1.034	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58696595	AM	SOLAR	5	N/A		0.9	0.953	0.983	1.033	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58710969	AM	SOLAR	7.6	N/A		0.9	0.950	0.968	1.028	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58648223	AM	SOLAR	7.6	N/A		0.9	0.960	0.990	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58719827	AM	SOLAR	14.4	N/A		0.9	0.950	0.979	1.039	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58681845	AM	SOLAR	7.6	N/A		0.9	0.958	0.988	1.038	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58704402	AM	SOLAR	6	N/A		0.9	0.975	0.995	1.035	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58654956	AM	SOLAR	7.6	N/A		0.9	0.966	0.986	1.026	1.046	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58669849	AM	SOLAR	6	N/A		0.9	0.960	0.990	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58667454	AM	SOLAR	19	N/A		0.9	0.950	0.977	1.037	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58722600	AM	SOLAR	10	N/A		0.9	0.950	0.976	1.036	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58702038	AM	SOLAR	5	N/A		0.9	0.952	0.982	1.032	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58664993	AM	SOLAR	5	N/A		0.9	0.950	0.970	1.030	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58693341	AM	SOLAR	6	N/A		0.9	0.950	0.960	1.010	1.040	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58697564	AM	SOLAR	6	N/A		0.9	0.980	1.000	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58704316	AM	SOLAR	10	N/A		0.9	0.957	0.987	1.037	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58678434	AM	SOLAR	3.8	N/A		0.9	0.960	0.990	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58661199	AM	SOLAR	5	N/A		0.9	0.980	1.000	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58689970	AM	SOLAR	7.6	N/A		0.9	0.980	1.000	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58719121	AM	SOLAR	15	N/A		0.9	0.953	0.983	1.033	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58709763	AM	SOLAR	13	N/A		0.9	0.957	0.987	1.037	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58721759	AM	SOLAR	7.6	N/A		0.9	0.969	0.989	1.029	1.049	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58747534	AM	SOLAR	11.4	N/A		0.9	0.950	0.964	1.024	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58697398	AM	SOLAR	10	N/A		0.9	0.976	0.996	1.036	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58676738	AM	SOLAR	11.4	N/A		0.9	0.950	0.968	1.018	1.048	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58712840	AM	SOLAR	6	N/A		0.9	0.950	0.971	1.031	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58723398	AM	SOLAR	5	N/A		0.9	0.980	1.000	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58717960	AM	SOLAR	11.4	N/A		0.9	0.952	0.982	1.032	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58709531	AM	SOLAR	5.76	N/A		0.9	0.957	0.987	1.037	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58720474	AM	SOLAR	11.4	N/A		0.9	0.980	1.000	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58661424	AM	SOLAR	7.6	N/A		0.9	0.950	0.967	1.017	1.047	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58669687	AM	SOLAR	12	N/A		0.9	0.979	0.999	1.039	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58712180	AM	SOLAR	10	N/A		0.9	0.960	0.990	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58713794	AM	SOLAR	14.4	N/A		0.9	0.969	0.989	1.029	1.049	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58701274	AM	SOLAR	10	N/A		0.9	0.972	0.992	1.032	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58744693	AM	SOLAR	7.6	N/A		0.9	0.950	0.967	1.017	1.047	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58681528	AM	SOLAR	7.6	N/A		0.9	0.954	0.984	1.034	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58703555	AM	SOLAR	11.4	N/A		0.9	0.960	0.990	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58695238	AM	SOLAR	15	N/A		0.9	0.980	1.000	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58691463	AM	SOLAR	11.4	N/A		0.9	0.950	0.964	1.014	1.044	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58704767	AM	SOLAR	10	N/A		0.9	0.960	0.990	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58648964	AM	SOLAR	3	N/A		0.9	0.950	0.977	1.037	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58696397	AM	SOLAR	11.4	N/A		0.9	0.950	0.979	1.039	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58653618	AM	SOLAR	6	N/A		0.9	0.955	0.985	1.035	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58647919	AM	SOLAR	6	N/A		0.9	0.950	0.976	1.036	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58675589	AM	SOLAR	14.4	N/A		0.9	0.980	1.000	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58698322	AM	SOLAR	10	N/A		0.9	0.950	0.963	1.023	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58659782	AM	SOLAR	10	N/A		0.9	0.954	0.984	1.034	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58749154	AM	SOLAR	10	N/A		0.9	0.960	0.990	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58717702	AM	SOLAR	20	BATTERY		0.9	0.960	0.990	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58752318	AM	SOLAR	10	N/A		0.9	0.970	0.990	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58698333	AM	SOLAR	11.4	N/A		0.9	0.980	1.000	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58644059	AM	SOLAR	13.6	N/A		0.9	0.955	0.985	1.035	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58718541	AM	SOLAR	7.6	N/A		0.9	0.953	0.983	1.033	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58703272	AM	SOLAR	11.4	N/A		0.9	0.956	0.986	1.036	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58704078	AM	SOLAR	7.6	N/A		0.9	0.950	0.970	1.030	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58700160	AM	SOLAR	5	N/A		0.9	0.976	0.996	1.036	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58675845	AM	SOLAR	11.4	N/A		0.9	0.950	0.961	1.021	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58690271	AM	SOLAR	10	N/A		0.9	0.950	0.972	1.032	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58712760	AM	SOLAR	13.6	N/A		0.9	0.950	0.971	1.031	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58652061	AM	SOLAR	12	N/A		0.9	0.951	0.981	1.031	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58716529	AM	SOLAR	3	N/A		0.9	0.958	0.988	1.038	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58726656	AM	SOLAR	10	N/A		0.9	0.960	0.990	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58712770	AM	SOLAR	17.4	N/A		0.9	0.950	0.977	1.037	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58720024	AM	SOLAR	10	N/A		0.9	0.950	0.966	1.026	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58683358	AM	SOLAR	11.4	N/A		0.9	0.950	0.971	1.031	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58636955	AM	SOLAR	11.4	N/A		0.9	0.950	0.976	1.036	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58707730	AM	SOLAR	19	N/A		0.9	0.956	0.986	1.036	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58707734	AM	SOLAR	5	N/A		0.9	0.952	0.982	1.032	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58745638	AM	SOLAR	11.4	N/A		0.9	0.977	0.997	1.037	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44

58728409	AM	SOLAR	10	N/A		0.9	0.950	0.973	1.033	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58692734	AM	SOLAR	7.68	BATTERY		0.9	0.950	0.961	1.021	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58699579	AM	SOLAR	12	N/A		0.9	0.980	1.000	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58613404	AM	SOLAR	19.2	N/A		0.9	0.960	0.990	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58725550	AM	SOLAR	7.6	N/A		0.9	0.953	0.983	1.033	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58703805	AM	SOLAR	16	N/A		0.9	0.979	0.999	1.039	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58671717	AM	SOLAR	10	N/A		0.9	0.957	0.977	1.017	1.037	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58664734	AM	SOLAR	11.4	N/A		0.9	0.959	0.989	1.039	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58687634	AM	SOLAR	6	N/A		0.9	0.950	0.972	1.032	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58716534	AM	SOLAR	10	N/A		0.9	0.960	0.990	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58722253	AM	SOLAR	7.6	N/A		0.9	0.950	0.974	1.034	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58694259	AM	SOLAR	7.6	N/A		0.9	0.950	0.979	1.039	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58718533	AM	SOLAR	11.4	N/A		0.9	0.960	0.990	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58705318	AM	SOLAR	17.4	N/A		0.9	0.958	0.988	1.038	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58701253	AM	SOLAR	10	N/A		0.9	0.950	0.968	1.028	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58627392	AM	SOLAR	12.6	N/A		0.9	0.950	0.960	1.010	1.040	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58642938	AM	SOLAR	10	N/A		0.9	0.986	0.996	1.036	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58664640	AM	SOLAR	6	N/A		0.9	0.956	0.986	1.036	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58639449	AM	SOLAR	11.4	N/A		0.9	0.980	1.000	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58722161	AM	SOLAR	6	N/A		0.9	0.950	0.977	1.037	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58693115	AM	SOLAR	13.6	N/A		0.9	0.960	0.990	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58709225	AM	SOLAR	5	N/A		0.9	0.950	0.967	1.027	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58696734	AM	SOLAR	11.4	N/A		0.9	0.954	0.984	1.034	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58690168	AM	SOLAR	11.4	N/A		0.9	0.980	1.000	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58676210	AM	SOLAR	40	N/A		0.9	0.960	0.990	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58692473	AM	SOLAR	5	N/A		0.9	0.960	0.990	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58691290	AM	SOLAR	11.4	N/A		0.9	0.960	0.990	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58711278	AM	SOLAR	10	N/A		0.9	0.950	0.970	1.030	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58665011	AM	SOLAR	7.6	N/A		0.9	0.960	0.990	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58689631	AM	SOLAR	7.6	N/A		0.9	0.950	0.962	1.012	1.042	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58688280	AM	SOLAR	7.6	N/A		0.9	0.950	0.974	1.034	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58693866	AM	SOLAR	13.6	N/A		0.9	0.963	0.980	1.023	1.043	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58691042	AM	SOLAR	5	N/A		0.9	0.975	0.995	1.035	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58696779	AM	SOLAR	5	N/A		0.9	0.950	0.978	1.038	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58712738	AM	SOLAR	6	N/A		0.9	0.960	0.990	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58677689	AM	SOLAR	10	N/A		0.9	0.956	0.986	1.036	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58698033	AM	SOLAR	13.6	BATTERY		0.9	0.950	0.975	1.035	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58678281	AM	SOLAR	6	N/A		0.9	0.951	0.981	1.031	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58681708	AM	SOLAR	10	N/A		0.9	0.979	0.999	1.039	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58688310	AM	SOLAR	10	N/A		0.9	0.950	0.966	1.026	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58753368	AM	SOLAR	12	N/A		0.9	0.960	0.990	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58672714	AM	SOLAR	20	N/A		0.9	0.950	0.975	1.035	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58689159	AM	SOLAR	11.4	N/A		0.9	0.950	0.975	1.035	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58700125	AM	SOLAR	7.6	N/A		0.9	0.960	0.990	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58721816	AM	SOLAR	12.6	N/A		0.9	0.980	1.000	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58627119	AM	SOLAR	11.4	N/A		0.9	0.958	0.988	1.038	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58708119	AM	SOLAR	11.4	N/A		0.9	0.953	0.983	1.033	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58716917	AM	SOLAR	20	N/A		0.9	0.952	0.982	1.032	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58673081	AM	SOLAR	6	N/A		0.9	0.963	0.983	1.023	1.043	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58704040	AM	SOLAR	7.6	N/A		0.9	0.952	0.982	1.032	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58700526	AM	SOLAR	11.4	N/A		0.9	0.950	0.977	1.037	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58695377	AM	SOLAR	10	N/A		0.9	0.950	0.974	1.034	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58714947	AM	SOLAR	12	N/A		0.9	0.952	0.982	1.032	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58696993	AM	SOLAR	7.6	N/A		0.9	0.980	1.000	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58741004	AM	SOLAR	7.6	N/A		0.9	0.958	0.988	1.038	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58673095	AM	SOLAR	5	N/A		0.9	0.952	0.982	1.032	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58663788	AM	SOLAR	11.4	N/A		0.9	0.960	0.990	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58649715	AM	SOLAR	5	N/A		0.9	0.958	0.988	1.038	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58675079	AM	SOLAR	3	N/A		0.9	0.952	0.982	1.032	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58658124	AM	SOLAR	13	N/A		0.9	0.950	0.961	1.011	1.041	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58645868	AM	SOLAR	7.6	N/A		0.9	0.960	0.990	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58699514	AM	SOLAR	11.4	N/A		0.9	0.950	0.961	1.021	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58640330	AM	SOLAR	5	N/A		0.9	0.960	0.990	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58691524	AM	SOLAR	62.8	N/A		0.9	0.980	1.000	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58703350	AM	SOLAR	6	N/A		0.9	0.950	0.973	1.033	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58715553	AM	SOLAR	5	N/A		0.9	0.980	1.000	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58675961	AM	SOLAR	3.8	BATTERY		0.9	0.950	0.969	1.029	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58743260	AM	SOLAR	10	N/A		0.9	0.980	1.000	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58703090	AM	SOLAR	11.4	N/A		0.9	0.980	1.000	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58703316	AM	SOLAR	7.6	N/A		0.9	0.950	0.960	1.020	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58697168	AM	SOLAR	5	N/A		0.9	0.960	0.990	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58706557	AM	SOLAR	300	N/A		0.9	0.960	0.990	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58697896	AM	SOLAR	11.4	N/A		0.9	0.950	0.963	1.023	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58647923	AM	SOLAR	12.6	N/A		0.9	0.954	0.984	1.034	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58694867	AM	SOLAR	10	N/A		0.9	0.950	0.974	1.034	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58635928	AM	SOLAR	3.8	N/A		0.9	0.960	0.990	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58708823	AM	SOLAR	16	N/A		0.9	0.950	0.975	1.035	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58688784	AM	SOLAR	6	N/A		0.9	0.950	0.980	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58707384	AM	SOLAR	13.6	N/A		0.9	0.954	0.984	1.034	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58708153	AM	SOLAR	7.6	N/A		0.9	0.954	0.984	1.034	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58647285	AM	SOLAR	11.4	N/A		0.9	0.980	1.000	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58664843	AM	SOLAR	10	N/A		0.9	0.980	1.000	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58703417	AM	SOLAR	6	N/A		0.9	0.980	1.000	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58671611	AM	SOLAR	6	N/A		0.9	0.960	0.990	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58700077	AM	SOLAR	5	N/A		0.9	0.952	0.972	1.012	1.032	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58720490	AM	SOLAR	15.2	N/A		0.9	0.950	0.978	1.038	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58690428	AM	SOLAR	10	N/A		0.9	0.969	0.989	1.029	1.049	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58691682	AM	SOLAR	10	N/A		0.9	0.960	0.990	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58694271	AM	SOLAR	10	N/A		0.9	0.950	0.978	1.038	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58698964	AM	SOLAR	6	N/A		0.9	0.960	0.990	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58749320	AM	SOLAR	6	N/A		0.9	0.950	0.978	1.038	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58706963	AM	SOLAR	10	N/A		0.9	0.956	0.986	1.036	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58732961	AM	SOLAR	10	N/A		0.9	0.956	0.986	1.036	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58710021	AM	SOLAR	10	N/A		0.9	0.978	0.998	1.038	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44

58700014	AM	SOLAR	5	N/A		0.9	0.980	1.000	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58715664	AM	SOLAR	3.8	N/A		0.9	0.950	0.970	1.030	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58657763	AM	SOLAR	7.6	N/A		0.9	0.960	0.990	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58727161	AM	SOLAR	3.8	N/A		0.9	0.960	0.990	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58709075	AM	SOLAR	22.8	BATTERY		0.9	0.950	0.974	1.034	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58638818	AM	SOLAR	10	N/A		0.9	0.953	0.973	1.013	1.033	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58713161	AM	SOLAR	5	N/A		0.9	0.950	0.978	1.038	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58624514	AM	SOLAR	7.68	N/A		0.9	0.953	0.983	1.033	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58695307	AM	SOLAR	10	N/A		0.9	0.968	0.988	1.028	1.048	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58697079	AM	SOLAR	6	N/A		0.9	0.960	0.990	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58714711	AM	SOLAR	7.6	N/A		0.9	0.957	0.987	1.037	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58691203	AM	SOLAR	3	N/A		0.9	0.972	0.992	1.032	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58671561	AM	SOLAR	10	N/A		0.9	0.960	0.990	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58717095	AM	SOLAR	10	N/A		0.9	0.960	0.990	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58693783	AM	SOLAR	5	BATTERY		0.9	0.960	0.990	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58642971	AM	SOLAR	3.8	N/A		0.9	0.980	1.000	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58701864	AM	SOLAR	7.6	N/A		0.9	0.980	1.000	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58683201	AM	SOLAR	7.6	N/A		0.9	0.960	0.990	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58579929	AM	SOLAR	24	BATTERY		0.9	0.954	0.984	1.034	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58679697	AM	SOLAR	11.4	N/A		0.9	0.980	1.000	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58701396	AM	SOLAR	13	N/A		0.9	0.950	0.976	1.036	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58640693	AM	SOLAR	15.2	N/A		0.9	0.950	0.967	1.027	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58674115	AM	SOLAR	10	N/A		0.9	0.980	1.000	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58698462	AM	SOLAR	3.8	N/A		0.9	0.954	0.984	1.034	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58702323	AM	SOLAR	13.6	N/A		0.9	0.954	0.984	1.034	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58683426	AM	SOLAR	13	N/A		0.9	0.963	0.983	1.023	1.043	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58681791	AM	SOLAR	15.2	N/A		0.9	0.980	1.000	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58688424	AM	SOLAR	3.8	N/A		0.9	0.950	0.974	1.034	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58708501	AM	SOLAR	15.2	N/A		0.9	0.950	0.973	1.033	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58708831	AM	SOLAR	15.2	N/A		0.9	0.950	0.973	1.033	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58711142	AM	SOLAR	10	N/A		0.9	0.950	0.965	1.025	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58717696	AM	SOLAR	5	N/A		0.9	0.979	0.999	1.039	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58721297	AM	SOLAR	7.6	N/A		0.9	0.960	0.990	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58721865	AM	SOLAR	13	N/A		0.9	0.951	0.981	1.031	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58705766	AM	SOLAR	5	N/A		0.9	0.980	1.000	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58724272	AM	SOLAR	10	N/A		0.9	0.960	0.990	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58724893	AM	SOLAR	11.4	N/A		0.9	0.970	0.990	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58696415	AM	SOLAR	5	N/A		0.9	0.950	0.977	1.037	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58690261	AM	SOLAR	11.4	N/A		0.9	0.960	0.990	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58675488	AM	SOLAR	11.4	N/A		0.9	0.950	0.960	1.010	1.040	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58677038	AM	SOLAR	10	N/A		0.9	0.955	0.985	1.035	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58698846	AM	SOLAR	12	N/A		0.9	0.958	0.988	1.038	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58706235	AM	SOLAR	14.4	N/A		0.9	0.950	0.964	1.024	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58718407	AM	SOLAR	3.8	N/A		0.9	0.957	0.987	1.037	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58706684	AM	SOLAR	11.4	N/A		0.9	0.950	0.977	1.037	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58693960	AM	SOLAR	5	N/A		0.9	0.978	0.998	1.038	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58676527	AM	SOLAR	17.6	N/A		0.9	0.960	0.990	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58655744	AM	SOLAR	7.6	N/A		0.9	0.950	0.978	1.038	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58750148	AM	SOLAR	11.4	N/A		0.9	0.960	0.990	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58670893	AM	SOLAR	100	N/A		0.9	0.950	0.964	1.024	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58746838	AM	SOLAR	3	N/A		0.9	0.970	0.990	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58730152	AM	SOLAR	15.2	N/A		0.9	0.950	0.979	1.039	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58653535	AM	SOLAR	11.4	N/A		0.9	0.960	0.990	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58659273	AM	SOLAR	5	N/A		0.9	0.968	0.988	1.028	1.048	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58716619	AM	SOLAR	3.8	N/A		0.9	0.961	0.981	1.021	1.041	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58699659	AM	SOLAR	10	N/A		0.9	0.960	0.990	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58703947	AM	SOLAR	11.4	N/A		0.9	0.957	0.987	1.037	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58699790	AM	SOLAR	16.4	N/A		0.9	0.953	0.983	1.033	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58698160	AM	SOLAR	17.4	N/A		0.9	0.950	0.961	1.021	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58676120	AM	SOLAR	45.6	N/A		0.9	0.960	0.990	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58669829	AM	SOLAR	3	N/A		0.9	0.960	0.990	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58706783	AM	SOLAR	10	N/A		0.9	0.957	0.987	1.037	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58696665	AM	SOLAR	22.8	N/A		0.9	0.959	0.989	1.039	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58743543	AM	SOLAR	6	N/A		0.9	0.950	0.976	1.036	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58689424	AM	SOLAR	11.4	N/A		0.9	0.955	0.985	1.035	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58697872	AM	SOLAR	10	N/A		0.9	0.955	0.985	1.035	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58692183	AM	SOLAR	10	N/A		0.9	0.950	0.978	1.038	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58699684	AM	SOLAR	11.4	N/A		0.9	0.950	0.970	1.030	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58690059	AM	SOLAR	3	N/A		0.9	0.980	1.000	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58692283	AM	SOLAR	11.4	N/A		0.9	0.980	1.000	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58694382	AM	SOLAR	10	N/A		0.9	0.960	0.990	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58636481	AM	SOLAR	15.2	BATTERY		0.9	0.955	0.985	1.035	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58724649	AM	SOLAR	10	N/A		0.9	0.980	1.000	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58699543	AM	SOLAR	15.2	N/A		0.9	0.958	0.978	1.018	1.038	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58689116	AM	SOLAR	10	N/A		0.9	0.960	0.990	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58699017	AM	SOLAR	13.6	N/A		0.9	0.950	0.972	1.032	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58668258	AM	SOLAR	6	N/A		0.9	0.950	0.975	1.035	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58712150	AM	SOLAR	10	N/A		0.9	0.960	0.990	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58701696	AM	SOLAR	21.4	N/A		0.9	0.950	0.978	1.038	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58690414	AM	SOLAR	10	N/A		0.9	0.950	0.971	1.031	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58720479	AM	SOLAR	10	N/A		0.9	0.959	0.989	1.039	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58675346	AM	SOLAR	11.4	N/A		0.9	0.955	0.985	1.035	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58698391	AM	SOLAR	6	N/A		0.9	0.980	1.000	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58711149	AM	SOLAR	7.6	N/A		0.9	0.955	0.985	1.035	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58696419	AM	SOLAR	6	N/A		0.9	0.952	0.982	1.032	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58689020	AM	SOLAR	14.4	N/A		0.9	0.950	0.966	1.026	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58711927	AM	SOLAR	11.4	N/A		0.9	0.950	0.976	1.036	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58699823	AM	SOLAR	10	N/A		0.9	0.980	1.000	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58723240	AM	SOLAR	15.2	N/A		0.9	0.955	0.975	1.015	1.035	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58714235	AM	SOLAR	7.6	N/A		0.9	0.957	0.987	1.037	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58712456	AM	SOLAR	10	N/A		0.9	0.960	0.990	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58699594	AM	SOLAR	10	N/A		0.9	0.980	1.000	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58721837	AM	SOLAR	12	N/A		0.9	0.950	0.965	1.015	1.045	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58707339	AM	SOLAR	7.6	N/A		0.9	0.980	1.000	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44

58690444	AM	SOLAR	11.4	N/A		0.9	0.950	0.965	1.025	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58683409	AM	SOLAR	7.6	N/A		0.9	0.958	0.988	1.038	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58706727	AM	SOLAR	10	N/A		0.9	0.950	0.960	1.010	1.040	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58691946	AM	SOLAR	10	N/A		0.9	0.950	0.973	1.033	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58719375	AM	SOLAR	10	N/A		0.9	0.955	0.985	1.035	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58725910	AM	SOLAR	19	N/A		0.9	0.950	0.969	1.029	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58677883	AM	SOLAR	6	N/A		0.9	0.950	0.967	1.027	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58703152	AM	SOLAR	11.4	N/A		0.9	0.950	0.978	1.038	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58642710	AM	SOLAR	7.6	N/A		0.9	0.951	0.981	1.031	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58653243	AM	SOLAR	10	N/A		0.9	0.952	0.982	1.032	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58656549	AM	SOLAR	11.4	N/A		0.9	0.960	0.990	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58690975	AM	SOLAR	7.6	BATTERY		0.9	0.950	0.969	1.029	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58710501	AM	SOLAR	5	N/A		0.9	0.971	0.991	1.031	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58712722	AM	SOLAR	6	N/A		0.9	0.980	1.000	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58727258	AM	SOLAR	14.4	N/A		0.9	0.950	0.969	1.029	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58704213	AM	SOLAR	10	N/A		0.9	0.980	1.000	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58690913	AM	SOLAR	6	N/A		0.9	0.974	0.994	1.034	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58707736	AM	SOLAR	10	N/A		0.9	0.950	0.968	1.028	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58713468	AM	SOLAR	7.6	N/A		0.9	0.950	0.970	1.030	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58693706	AM	SOLAR	11.4	N/A		0.9	0.950	0.962	1.022	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58708904	AM	SOLAR	7.6	N/A		0.9	0.980	1.000	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58754413	AM	SOLAR	3.8	N/A		0.9	0.973	0.993	1.033	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58691291	AM	SOLAR	6	N/A		0.9	0.979	0.999	1.039	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58696973	AM	SOLAR	6	N/A		0.9	0.951	0.981	1.031	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58695099	AM	SOLAR	5	N/A		0.9	0.980	1.000	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58682976	AM	SOLAR	13.6	N/A		0.9	0.950	0.969	1.029	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58697397	AM	SOLAR	10	N/A		0.9	0.960	0.990	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58642928	AM	SOLAR	3.8	N/A		0.9	0.954	0.984	1.034	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58704236	AM	SOLAR	10	N/A		0.9	0.950	0.970	1.020	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58748302	AM	SOLAR	11.4	N/A		0.9	0.970	0.990	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58674614	AM	SOLAR	12.6	N/A		0.9	0.950	0.964	1.014	1.044	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58678626	AM	SOLAR	7.6	N/A		0.9	0.957	0.977	1.017	1.037	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58722429	AM	SOLAR	3	N/A		0.9	0.972	0.992	1.032	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58681870	AM	SOLAR	13	N/A		0.9	0.950	0.968	1.028	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58722052	AM	SOLAR	16	N/A		0.9	0.977	0.997	1.037	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58753899	AM	SOLAR	6	N/A		0.9	0.953	0.983	1.033	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58710962	AM	SOLAR	15.2	N/A		0.9	0.980	1.000	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58700136	AM	SOLAR	7.6	N/A		0.9	0.956	0.986	1.036	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58605326	AM	SOLAR	10	N/A		0.9	0.959	0.989	1.039	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58715614	AM	SOLAR	19	N/A		0.9	0.951	0.981	1.031	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58690714	AM	SOLAR	10	N/A		0.9	0.951	0.981	1.031	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58708470	AM	SOLAR	3	N/A		0.9	0.980	1.000	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58743132	AM	SOLAR	10	N/A		0.9	0.952	0.982	1.032	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58679117	AM	SOLAR	13	N/A		0.9	0.960	0.990	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58674522	AM	SOLAR	11.4	N/A		0.9	0.950	0.973	1.033	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58719474	AM	SOLAR	15.2	N/A		0.9	0.956	0.986	1.036	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58693751	AM	SOLAR	20	N/A		0.9	0.950	0.974	1.034	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58695216	AM	SOLAR	4.8	N/A		0.9	0.980	1.000	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58640705	AM	SOLAR	10	N/A		0.9	0.980	1.000	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58642836	AM	SOLAR	3.8	N/A		0.9	0.950	0.980	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58742392	AM	SOLAR	13.6	N/A		0.9	0.970	0.990	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58617694	AM	SOLAR	11.4	N/A		0.9	0.960	0.990	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58722251	AM	SOLAR	10	N/A		0.9	0.971	0.991	1.031	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58689014	AM	SOLAR	7.6	N/A		0.9	0.980	1.000	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58698011	AM	SOLAR	13.6	N/A		0.9	0.954	0.984	1.034	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58699753	AM	SOLAR	7.6	N/A		0.9	0.960	0.990	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58692282	AM	SOLAR	6	N/A		0.9	0.970	0.990	1.030	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58719364	AM	SOLAR	11.52	BATTERY		0.9	0.960	0.990	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58698430	AM	SOLAR	6	N/A		0.9	0.953	0.983	1.033	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58707171	AM	SOLAR	17.4	N/A		0.9	0.950	0.977	1.037	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58671619	AM	SOLAR	10	N/A		0.9	0.950	0.960	1.010	1.040	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58697349	AM	SOLAR	3.8	N/A		0.9	0.974	0.994	1.034	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58703525	AM	SOLAR	5	N/A		0.9	0.960	0.990	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58641084	AM	SOLAR	15.2	N/A		0.9	0.980	1.000	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58719727	AM	SOLAR	45.6	N/A		0.9	0.950	0.967	1.027	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58700648	AM	SOLAR	5	N/A		0.9	0.950	0.974	1.034	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58746321	AM	SOLAR	11.4	N/A		0.9	0.950	0.972	1.032	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58674168	AM	SOLAR	9.8	N/A		0.9	0.954	0.984	1.034	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58693333	AM	SOLAR	10	N/A		0.9	0.950	0.962	1.012	1.042	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58705032	AM	SOLAR	14.4	N/A		0.9	0.954	0.984	1.034	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58726577	AM	SOLAR	6	N/A		0.9	0.959	0.989	1.039	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58620100	AM	SOLAR	7.6	N/A		0.9	0.950	0.967	1.027	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58696408	AM	SOLAR	10	N/A		0.9	0.950	0.963	1.013	1.043	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58698487	AM	SOLAR	10	N/A		0.9	0.957	0.987	1.037	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58701015	AM	SOLAR	45	BATTERY		0.9	0.960	0.990	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58700407	AM	SOLAR	11.4	N/A		0.9	0.950	0.965	1.025	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58658231	AM	SOLAR	7.6	N/A		0.9	0.969	0.989	1.029	1.049	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58705045	AM	SOLAR	10	N/A		0.9	0.960	0.990	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58628231	AM	SOLAR	6	N/A		0.9	0.980	1.000	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58702344	AM	SOLAR	3	N/A		0.9	0.956	0.986	1.036	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58716841	AM	SOLAR	7.6	N/A		0.9	0.954	0.984	1.034	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58730930	AM	SOLAR	5	N/A		0.9	0.960	0.990	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58705160	AM	SOLAR	3.8	N/A		0.9	0.973	0.993	1.033	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58694857	AM	SOLAR	10	N/A		0.9	0.956	0.986	1.036	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58722377	AM	SOLAR	11.4	N/A		0.9	0.955	0.985	1.035	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58705099	AM	SOLAR	7.6	N/A		0.9	0.958	0.988	1.038	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58692750	AM	SOLAR	7.6	N/A		0.9	0.974	0.994	1.034	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58699756	AM	SOLAR	6	N/A		0.9	0.950	0.979	1.039	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58691239	AM	SOLAR	3.8	N/A		0.9	0.960	0.990	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58658113	AM	SOLAR	6	N/A		0.9	0.960	0.990	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58724103	AM	SOLAR	6	N/A		0.9	0.955	0.985	1.035	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58691863	AM	SOLAR	3.8	N/A		0.9	0.960	0.990	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58645454	AM	SOLAR	7.6	N/A		0.9	0.950	0.967	1.017	1.047	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58715265	AM	SOLAR	10	N/A		0.9	0.980	1.000	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44

58727974	AM	SOLAR	7.6	N/A		0.9	0.970	0.990	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58691518	AM	SOLAR	7.6	N/A		0.9	0.960	0.990	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58706353	AM	SOLAR	5	N/A		0.9	0.980	1.000	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58724836	AM	SOLAR	14.4	N/A		0.9	0.950	0.977	1.037	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58697919	AM	SOLAR	10	N/A		0.9	0.960	0.990	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58741866	AM	SOLAR	10	N/A		0.9	0.959	0.989	1.039	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58693133	AM	SOLAR	10	N/A		0.9	0.950	0.961	1.021	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58706128	AM	SOLAR	11.4	N/A		0.9	0.950	0.960	1.020	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58687760	AM	SOLAR	25	N/A		0.9	0.950	0.980	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58636812	AM	SOLAR	5	N/A		0.9	0.980	1.000	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58658130	AM	SOLAR	11.4	N/A		0.9	0.950	0.974	1.034	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58683532	AM	SOLAR	7.6	N/A		0.9	0.960	0.990	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58692579	AM	SOLAR	15	BATTERY		0.9	0.960	0.990	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58721790	AM	SOLAR	29	N/A		0.9	0.950	0.978	1.038	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58660659	AM	SOLAR	7.6	N/A		0.9	0.975	0.995	1.035	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58703597	AM	SOLAR	20	N/A		0.9	0.950	0.971	1.031	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58740243	AM	SOLAR	7.6	N/A		0.9	0.970	0.990	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58642780	AM	SOLAR	7.6	N/A		0.9	0.960	0.990	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58705512	AM	SOLAR	10	N/A		0.9	0.960	0.990	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58688501	AM	SOLAR	11.4	N/A		0.9	0.958	0.988	1.038	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58696826	AM	SOLAR	7.6	BATTERY		0.9	0.976	0.996	1.036	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58701268	AM	SOLAR	3.8	N/A		0.9	0.950	0.973	1.033	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58717229	AM	SOLAR	12	N/A		0.9	0.950	0.978	1.038	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58745973	AM	SOLAR	7.6	N/A		0.9	0.950	0.973	1.033	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58664711	AM	SOLAR	10	N/A		0.9	0.956	0.986	1.036	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58722769	AM	SOLAR	5	N/A		0.9	0.950	0.978	1.038	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58693053	AM	SOLAR	13.6	N/A		0.9	0.960	0.990	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58737750	AM	SOLAR	15.2	N/A		0.9	0.960	0.990	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58657251	AM	SOLAR	10	N/A		0.9	0.950	0.964	1.014	1.044	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58661452	AM	SOLAR	7.6	N/A		0.9	0.956	0.986	1.036	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58716515	AM	SOLAR	7.6	N/A		0.9	0.951	0.981	1.031	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58747323	AM	SOLAR	6	N/A		0.9	0.950	0.978	1.038	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58664644	AM	SOLAR	3.8	N/A		0.9	0.955	0.985	1.035	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58683062	AM	SOLAR	6	N/A		0.9	0.950	0.960	1.023	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58702720	AM	SOLAR	156	N/A		0.9	0.951	0.981	1.031	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58703562	AM	SOLAR	50	N/A		0.9	0.980	1.000	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58705756	AM	SOLAR	62.5	N/A		0.9	0.951	0.981	1.031	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58719753	AM	SOLAR	11.4	N/A		0.9	0.960	0.990	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58716206	AM	SOLAR	10	N/A		0.9	0.978	0.998	1.038	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58649722	AM	SOLAR	15.2	N/A		0.9	0.960	0.990	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58705048	AM	SOLAR	10	N/A		0.9	0.958	0.988	1.038	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58720213	AM	SOLAR	10	N/A		0.9	0.955	0.985	1.035	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58709124	AM	SOLAR	20	N/A		0.9	0.950	0.979	1.039	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58689131	AM	SOLAR	15.2	N/A		0.9	0.950	0.962	1.012	1.042	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58690084	AM	SOLAR	5	N/A		0.9	0.960	0.990	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58680162	AM	SOLAR	10	N/A		0.9	0.950	0.966	1.026	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58702348	AM	SOLAR	10	N/A		0.9	0.956	0.986	1.036	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58717823	AM	SOLAR	12.6	N/A		0.9	0.950	0.980	1.030	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58708266	AM	SOLAR	10	N/A		0.9	0.960	0.990	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58729506	AM	SOLAR	16	N/A		0.9	0.960	0.990	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58681962	AM	SOLAR	10	N/A		0.9	0.966	0.986	1.026	1.046	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58698924	AM	SOLAR	7.6	N/A		0.9	0.974	0.994	1.034	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58713977	AM	SOLAR	10	N/A		0.9	0.950	0.963	1.023	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58727472	AM	SOLAR	16	N/A		0.9	0.952	0.982	1.032	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58716693	AM	SOLAR	22.8	BATTERY		0.9	0.980	1.000	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58642922	AM	SOLAR	7.6	N/A		0.9	0.950	0.969	1.029	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58699886	AM	SOLAR	6	N/A		0.9	0.978	0.998	1.038	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58705095	AM	SOLAR	19	N/A		0.9	0.980	1.000	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58646599	AM	SOLAR	19	N/A		0.9	0.950	0.970	1.030	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58702206	AM	SOLAR	10	N/A		0.9	0.950	0.973	1.033	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58640014	AM	SOLAR	3.8	N/A		0.9	0.960	0.990	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58725706	AM	SOLAR	20	N/A		0.9	0.960	0.990	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58737652	AM	SOLAR	26.6	N/A		0.9	0.955	0.985	1.035	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58660514	AM	SOLAR	15.2	N/A		0.9	0.950	0.975	1.035	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58635306	AM	SOLAR	20	N/A		0.9	0.950	0.960	1.010	1.040	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58649700	AM	SOLAR	9.8	N/A		0.9	0.950	0.978	1.038	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58669785	AM	SOLAR	7.6	N/A		0.9	0.950	0.980	1.030	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58742909	AM	SOLAR	10	N/A		0.9	0.950	0.973	1.033	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58742405	AM	SOLAR	10	N/A		0.9	0.960	0.990	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58679024	AM	SOLAR	3.8	N/A		0.9	0.957	0.987	1.037	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58642154	AM	SOLAR	7.6	N/A		0.9	0.960	0.990	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58724111	AM	SOLAR	14.4	N/A		0.9	0.959	0.989	1.039	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58716297	AM	SOLAR	3.8	N/A		0.9	0.950	0.969	1.029	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58724008	AM	SOLAR	23.6	N/A		0.9	0.950	0.967	1.027	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58719285	AM	SOLAR	10	N/A		0.9	0.950	0.978	1.038	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58707866	AM	SOLAR	6	N/A		0.9	0.956	0.986	1.036	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58728370	AM	SOLAR	11.4	N/A		0.9	0.954	0.984	1.034	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58667431	AM	SOLAR	7.6	N/A		0.9	0.957	0.987	1.037	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58744157	AM	SOLAR	10	N/A		0.9	0.954	0.984	1.034	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58659226	AM	SOLAR	7.6	N/A		0.9	0.950	0.979	1.039	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58720407	AM	SOLAR	19	N/A		0.9	0.960	0.990	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58719891	AM	SOLAR	7.6	N/A		0.9	0.950	0.980	1.030	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58724640	AM	SOLAR	11.4	N/A		0.9	0.950	0.979	1.039	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58745844	AM	SOLAR	5	N/A		0.9	0.970	0.990	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58658977	AM	SOLAR	5	N/A		0.9	0.980	1.000	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58675277	AM	SOLAR	6	N/A		0.9	0.953	0.983	1.033	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58705587	AM	SOLAR	3.8	N/A		0.9	0.960	0.990	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58641360	AM	SOLAR	7.6	BATTERY		0.9	0.960	0.990	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58742403	AM	SOLAR	3.8	N/A		0.9	0.970	0.990	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58649025	AM	SOLAR	10	N/A		0.9	0.950	0.978	1.038	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58719459	AM	SOLAR	7.6	N/A		0.9	0.950	0.972	1.032	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58663842	AM	SOLAR	10	N/A		0.9	0.951	0.981	1.031	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58696815	AM	SOLAR	5	N/A		0.9	0.960	0.990	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58710379	AM	SOLAR	3	N/A		0.9	0.960	0.990	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44

58656776	AM	SOLAR	6	N/A		0.9	0.950	0.969	1.029	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58724088	AM	SOLAR	30.4	N/A		0.9	0.954	0.984	1.034	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58719826	AM	SOLAR	6	N/A		0.9	0.950	0.974	1.034	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58723442	AM	SOLAR	5	N/A		0.9	0.950	0.972	1.032	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58632178	AM	SOLAR	11.4	N/A		0.9	0.960	0.990	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58675902	AM	SOLAR	11.4	N/A		0.9	0.958	0.988	1.038	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58707830	AM	SOLAR	3.8	N/A		0.9	0.973	0.993	1.033	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58681471	AM	SOLAR	11.4	N/A		0.9	0.954	0.984	1.034	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58717953	AM	SOLAR	16	N/A		0.9	0.950	0.980	1.030	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58706410	AM	SOLAR	20	N/A		0.9	0.956	0.986	1.036	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58718817	AM	SOLAR	11.4	N/A		0.9	0.950	0.978	1.038	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58702637	AM	SOLAR	11.4	N/A		0.9	0.950	0.966	1.026	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58704290	AM	SOLAR	11.4	N/A		0.9	0.960	0.990	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58697540	AM	SOLAR	7.6	N/A		0.9	0.950	0.979	1.039	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58745629	AM	SOLAR	10	N/A		0.9	0.960	0.990	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58722174	AM	SOLAR	14.4	N/A		0.9	0.980	1.000	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58695812	AM	SOLAR	22.8	N/A		0.9	0.950	0.971	1.031	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58671081	AM	SOLAR	15.2	N/A		0.9	0.951	0.981	1.031	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58682077	AM	SOLAR	5	N/A		0.9	0.950	0.976	1.036	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58683550	AM	SOLAR	5	N/A		0.9	0.950	0.965	1.025	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58673622	AM	SOLAR	7.6	N/A		0.9	0.980	1.000	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58641130	AM	SOLAR	6	N/A		0.9	0.950	0.979	1.039	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58653525	AM	SOLAR	7.6	N/A		0.9	0.950	0.975	1.035	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58742604	AM	SOLAR	5	N/A		0.9	0.970	0.990	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58673823	AM	SOLAR	17.4	N/A		0.9	0.950	0.971	1.031	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58696411	AM	SOLAR	10	N/A		0.9	0.960	0.990	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58690064	AM	SOLAR	10	N/A		0.9	0.969	0.989	1.029	1.049	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58725488	AM	SOLAR	5	N/A		0.9	0.969	0.989	1.029	1.049	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58655085	AM	SOLAR	3.8	N/A		0.9	0.950	0.972	1.032	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58655086	AM	SOLAR	7.6	N/A		0.9	0.950	0.970	1.030	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58741145	AM	SOLAR	16	N/A		0.9	0.958	0.988	1.038	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58694102	AM	SOLAR	7.6	N/A		0.9	0.955	0.985	1.035	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58650529	AM	SOLAR	10	N/A		0.9	0.950	0.972	1.032	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58625761	AM	SOLAR	10	N/A		0.9	0.954	0.984	1.034	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58691534	AM	SOLAR	10	N/A		0.9	0.960	0.990	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58741595	AM	SOLAR	5	N/A		0.9	0.970	0.990	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58699173	AM	SOLAR	11.4	N/A		0.9	0.975	0.995	1.035	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58719701	AM	SOLAR	10	N/A		0.9	0.951	0.981	1.031	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58694538	AM	SOLAR	5	N/A		0.9	0.950	0.960	1.020	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58694562	AM	SOLAR	11.4	N/A		0.9	0.950	0.960	1.010	1.040	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58707179	AM	SOLAR	7.6	N/A		0.9	0.980	1.000	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58721436	AM	SOLAR	13.6	N/A		0.9	0.960	0.990	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58749259	AM	SOLAR	12.6	N/A		0.9	0.960	0.990	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58723388	AM	SOLAR	7.6	N/A		0.9	0.960	0.990	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58723709	AM	SOLAR	7.6	N/A		0.9	0.951	0.981	1.031	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58689253	AM	SOLAR	7.6	N/A		0.9	0.950	0.976	1.036	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58680700	AM	SOLAR	6	N/A		0.9	0.950	0.976	1.036	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58721634	AM	SOLAR	20	BATTERY		0.9	0.973	0.993	1.033	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58709178	AM	SOLAR	13.6	N/A		0.9	0.960	0.990	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58721034	AM	SOLAR	13.8	N/A		0.9	0.951	0.981	1.031	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58690994	AM	SOLAR	7.6	N/A		0.9	0.950	0.977	1.037	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58683414	AM	SOLAR	20	N/A		0.9	0.955	0.985	1.035	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58714827	AM	SOLAR	12	N/A		0.9	0.950	0.980	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58713382	AM	SOLAR	13	N/A		0.9	0.980	1.000	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58690296	AM	SOLAR	5	N/A		0.9	0.950	0.977	1.037	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58718700	AM	SOLAR	10	N/A		0.9	0.950	0.975	1.035	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58679166	AM	SOLAR	11.4	BATTERY		0.9	0.971	0.991	1.031	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58647365	AM	SOLAR	17.4	N/A		0.9	0.951	0.981	1.031	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58709527	AM	SOLAR	11.4	N/A		0.9	0.950	0.980	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58694972	AM	SOLAR	11.4	N/A		0.9	0.950	0.966	1.026	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58633437	AM	SOLAR	10	N/A		0.9	0.950	0.980	1.030	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58727318	AM	SOLAR	19	N/A		0.9	0.950	0.963	1.023	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58712365	AM	SOLAR	3.8	N/A		0.9	0.950	0.977	1.037	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58723632	AM	SOLAR	14.4	N/A		0.9	0.960	0.990	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58698109	AM	SOLAR	11.4	N/A		0.9	0.957	0.987	1.037	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58716596	AM	SOLAR	7.6	N/A		0.9	0.950	0.974	1.034	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58745923	AM	SOLAR	6	N/A		0.9	0.960	0.990	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58711687	AM	SOLAR	7.6	N/A		0.9	0.960	0.990	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58706463	AM	SOLAR	7.6	N/A		0.9	0.951	0.981	1.031	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58706053	AM	SOLAR	18	N/A		0.9	0.952	0.982	1.032	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58641304	AM	SOLAR	10	N/A		0.9	0.950	0.979	1.039	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58676990	AM	SOLAR	7.6	N/A		0.9	0.980	1.000	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58689307	AM	SOLAR	6	N/A		0.9	0.960	0.990	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58660173	AM	SOLAR	10	N/A		0.9	0.980	1.000	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58691132	AM	SOLAR	5	N/A		0.9	0.960	0.990	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58697609	AM	SOLAR	12	N/A		0.9	0.960	0.990	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58647909	AM	SOLAR	6	N/A		0.9	0.980	1.000	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58638590	AM	SOLAR	7.6	N/A		0.9	0.954	0.984	1.034	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58705395	AM	SOLAR	10	N/A		0.9	0.950	0.969	1.029	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58674492	AM	SOLAR	10	N/A		0.9	0.950	0.960	1.010	1.040	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58697515	AM	SOLAR	6	N/A		0.9	0.952	0.982	1.032	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58696381	AM	SOLAR	20	N/A		0.9	0.950	0.976	1.036	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58705456	AM	SOLAR	11.4	N/A		0.9	0.950	0.977	1.037	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58696778	AM	SOLAR	11.4	N/A		0.9	0.950	0.975	1.035	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58717805	AM	SOLAR	7.6	N/A		0.9	0.950	0.960	1.010	1.040	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58747637	AM	SOLAR	5	N/A		0.9	0.950	0.971	1.031	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58690036	AM	SOLAR	11.4	N/A		0.9	0.960	0.990	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58690072	AM	SOLAR	17.6	N/A		0.9	0.950	0.963	1.023	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58705739	AM	SOLAR	10	N/A		0.9	0.950	0.965	1.015	1.045	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58647254	AM	SOLAR	10	N/A		0.9	0.951	0.981	1.031	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58699486	AM	SOLAR	5	N/A		0.9	0.953	0.983	1.033	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58668499	AM	SOLAR	10	N/A		0.9	0.973	0.993	1.033	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58721069	AM	SOLAR	13	N/A		0.9	0.980	1.000	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58673051	AM	SOLAR	7.6	N/A		0.9	0.955	0.985	1.035	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44

58693922	AM	SOLAR	21.4	N/A		0.9	0.957	0.987	1.037	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58697522	AM	SOLAR	30	N/A		0.9	0.950	0.961	1.011	1.041	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58750622	AM	SOLAR	11.4	N/A		0.9	0.960	0.990	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58711265	AM	SOLAR	7.6	N/A		0.9	0.960	0.990	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58689321	AM	SOLAR	3.8	N/A		0.9	0.960	0.990	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58679170	AM	SOLAR	11.4	N/A		0.9	0.980	1.000	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58660531	AM	SOLAR	13.6	N/A		0.9	0.950	0.976	1.036	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58707412	AM	SOLAR	10	N/A		0.9	0.958	0.988	1.038	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58717739	AM	SOLAR	10	N/A		0.9	0.980	1.000	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58714534	AM	SOLAR	10	N/A		0.9	0.950	0.975	1.035	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58688670	AM	SOLAR	7.6	N/A		0.9	0.950	0.976	1.036	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58696529	AM	SOLAR	11.4	N/A		0.9	0.954	0.984	1.034	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58646916	AM	SOLAR	16	N/A		0.9	0.950	0.969	1.029	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58661227	AM	SOLAR	17.6	N/A		0.9	0.950	0.966	1.026	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58697031	AM	SOLAR	3.8	N/A		0.9	0.978	0.998	1.038	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58664763	AM	SOLAR	7.6	N/A		0.9	0.950	0.961	1.021	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58749394	AM	SOLAR	11.4	N/A		0.9	0.968	0.988	1.028	1.048	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58700794	AM	SOLAR	7.6	N/A		0.9	0.980	1.000	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58695019	AM	SOLAR	13	N/A		0.9	0.950	0.969	1.029	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58714071	AM	SOLAR	11.4	N/A		0.9	0.959	0.989	1.039	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58681636	AM	SOLAR	11.4	N/A		0.9	0.950	0.964	1.024	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58674080	AM	SOLAR	10	N/A		0.9	0.980	1.000	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58689415	AM	SOLAR	11.4	N/A		0.9	0.960	0.990	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58728016	AM	SOLAR	13.8	N/A		0.9	0.960	0.990	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58691937	AM	SOLAR	10	N/A		0.9	0.950	0.967	1.027	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58712487	AM	SOLAR	6	N/A		0.9	0.950	0.975	1.035	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58691523	AM	SOLAR	5	N/A		0.9	0.960	0.990	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58647450	AM	SOLAR	6	N/A		0.9	0.954	0.984	1.034	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58638595	AM	SOLAR	3.8	N/A		0.9	0.958	0.988	1.038	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58688840	AM	SOLAR	20	N/A		0.9	0.960	0.990	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58700727	AM	SOLAR	7.6	N/A		0.9	0.950	0.976	1.036	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58705360	AM	SOLAR	10	N/A		0.9	0.950	0.975	1.035	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58719237	AM	SOLAR	14.4	N/A		0.9	0.950	0.961	1.011	1.041	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58715927	AM	SOLAR	10	N/A		0.9	0.950	0.975	1.035	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58704747	AM	SOLAR	16.4	N/A		0.9	0.960	0.990	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58722244	AM	SOLAR	3	N/A		0.9	0.960	0.990	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58714542	AM	SOLAR	16	N/A		0.9	0.957	0.987	1.037	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58692392	AM	SOLAR	30	BATTERY		0.9	0.960	0.990	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58747385	AM	SOLAR	10	BATTERY		0.9	0.970	0.990	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58649853	AM	SOLAR	6	N/A		0.9	0.950	0.973	1.033	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58694923	AM	SOLAR	20	N/A		0.9	0.956	0.986	1.036	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58690640	AM	SOLAR	11.4	N/A		0.9	0.980	1.000	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58696624	AM	SOLAR	13	N/A		0.9	0.952	0.982	1.032	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58676891	AM	SOLAR	10	N/A		0.9	0.950	0.969	1.029	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58708630	AM	SOLAR	5	N/A		0.9	0.950	0.969	1.029	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58721426	AM	SOLAR	6	N/A		0.9	0.971	0.991	1.031	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58747603	AM	SOLAR	6	N/A		0.9	0.970	0.990	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58705020	AM	SOLAR	6	N/A		0.9	0.959	0.989	1.039	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58674548	AM	SOLAR	7.6	N/A		0.9	0.954	0.984	1.034	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58701714	AM	SOLAR	10	N/A		0.9	0.960	0.990	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58703279	AM	SOLAR	13	N/A		0.9	0.960	0.990	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58657754	AM	SOLAR	7.68	BATTERY		0.9	0.960	0.990	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58656762	AM	SOLAR	10	N/A		0.9	0.960	0.990	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58727557	AM	SOLAR	13	N/A		0.9	0.950	0.973	1.033	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58721246	AM	SOLAR	10	N/A		0.9	0.951	0.981	1.031	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58692407	AM	SOLAR	10	N/A		0.9	0.980	1.000	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58680833	AM	SOLAR	7.6	N/A		0.9	0.956	0.986	1.036	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58704779	AM	SOLAR	19	N/A		0.9	0.953	0.983	1.033	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58703128	AM	SOLAR	10	N/A		0.9	0.950	0.968	1.028	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58717119	AM	SOLAR	11.4	N/A		0.9	0.980	1.000	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58661667	AM	SOLAR	5	N/A		0.9	0.977	0.997	1.037	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58720147	AM	SOLAR	6	N/A		0.9	0.950	0.966	1.026	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58725117	AM	SOLAR	10	N/A		0.9	0.950	0.975	1.035	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58639962	AM	SOLAR	10	N/A		0.9	0.950	0.960	1.020	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58697548	AM	SOLAR	7.6	N/A		0.9	0.953	0.983	1.033	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58683289	AM	SOLAR	7.6	N/A		0.9	0.950	0.976	1.036	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58678735	AM	SOLAR	24.4	N/A		0.9	0.960	0.990	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58708638	AM	SOLAR	6	N/A		0.9	0.980	1.000	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58704357	AM	SOLAR	14.4	N/A		0.9	0.950	0.960	1.020	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58749871	AM	SOLAR	13	N/A		0.9	0.960	0.990	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58725385	AM	SOLAR	6	N/A		0.9	0.969	0.989	1.039	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58706065	AM	SOLAR	21.4	N/A		0.9	0.956	0.986	1.036	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58712117	AM	SOLAR	13.8	N/A		0.9	0.950	0.979	1.039	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58699682	AM	SOLAR	15.2	N/A		0.9	0.957	0.987	1.037	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58689968	AM	SOLAR	7.6	N/A		0.9	0.958	0.988	1.038	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58675294	AM	SOLAR	7.6	N/A		0.9	0.950	0.960	1.010	1.040	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58715041	AM	SOLAR	10	N/A		0.9	0.950	0.960	1.010	1.040	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58695439	AM	SOLAR	20	N/A		0.9	0.950	0.980	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58726667	AM	SOLAR	11.4	N/A		0.9	0.960	0.990	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58712821	AM	SOLAR	3	N/A		0.9	0.980	1.000	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58678566	AM	SOLAR	10	N/A		0.9	0.959	0.989	1.039	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58716221	AM	SOLAR	15.2	N/A		0.9	0.951	0.981	1.031	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58679857	AM	SOLAR	10	N/A		0.9	0.950	0.978	1.038	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58722605	AM	SOLAR	10	N/A		0.9	0.951	0.981	1.031	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58719559	AM	SOLAR	10	N/A		0.9	0.980	1.000	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58653632	AM	SOLAR	10	N/A		0.9	0.950	0.979	1.039	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58676884	AM	SOLAR	12	N/A		0.9	0.958	0.988	1.038	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58713839	AM	SOLAR	6	N/A		0.9	0.958	0.988	1.038	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58680123	AM	SOLAR	7.6	N/A		0.9	0.956	0.986	1.036	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58725480	AM	SOLAR	10	N/A		0.9	0.953	0.983	1.033	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58683553	AM	SOLAR	13.8	N/A		0.9	0.953	0.983	1.033	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58601078	AM	SOLAR	3.8	N/A		0.9	0.980	1.000	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58642805	AM	SOLAR	7.6	N/A		0.9	0.950	0.979	1.039	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58690116	AM	SOLAR	13	N/A		0.9	0.950	0.970	1.030	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44

58704717	AM	SOLAR	6	N/A		0.9	0.951	0.981	1.031	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58688807	AM	SOLAR	5	N/A		0.9	0.954	0.984	1.034	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58705324	AM	SOLAR	7.6	N/A		0.9	0.950	0.960	1.020	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58694453	AM	SOLAR	10	N/A		0.9	0.960	0.990	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58745825	AM	SOLAR	10	N/A		0.9	0.960	0.990	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58689298	AM	SOLAR	7.6	N/A		0.9	0.956	0.986	1.036	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58642847	AM	SOLAR	14.4	N/A		0.9	0.976	0.996	1.036	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58717856	AM	SOLAR	11.4	N/A		0.9	0.980	1.000	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58746257	AM	SOLAR	7.6	N/A		0.9	0.950	0.979	1.039	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58678939	AM	SOLAR	12	N/A		0.9	0.950	0.973	1.033	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58713922	AM	SOLAR	7.6	N/A		0.9	0.950	0.978	1.038	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58673956	AM	SOLAR	15.2	N/A		0.9	0.950	0.984	1.034	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58726355	AM	SOLAR	5	N/A		0.9	0.951	0.981	1.031	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58729647	AM	SOLAR	10	N/A		0.9	0.952	0.982	1.032	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58692657	AM	SOLAR	15.2	N/A		0.9	0.954	0.984	1.034	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58663719	AM	SOLAR	7.6	N/A		0.9	0.954	0.984	1.034	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58710304	AM	SOLAR	11.4	N/A		0.9	0.950	0.976	1.036	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58676053	AM	SOLAR	10	N/A		0.9	0.956	0.986	1.036	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58710605	AM	SOLAR	13	N/A		0.9	0.951	0.981	1.031	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58750045	AM	SOLAR	10	N/A		0.9	0.963	0.983	1.033	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58696551	AM	SOLAR	11.4	N/A		0.9	0.978	0.998	1.038	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58703917	AM	SOLAR	13.8	N/A		0.9	0.950	0.970	1.030	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58661445	AM	SOLAR	7.6	N/A		0.9	0.950	0.960	1.020	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58666775	AM	SOLAR	11.4	N/A		0.9	0.952	0.982	1.032	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58663304	AM	SOLAR	7.6	N/A		0.9	0.974	0.994	1.034	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58737440	AM	SOLAR	5	N/A		0.9	0.950	0.970	1.030	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58621354	AM	SOLAR	11.52	N/A		0.9	0.967	0.987	1.027	1.047	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58670984	AM	SOLAR	11.4	N/A		0.9	0.967	0.987	1.027	1.047	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58692255	AM	SOLAR	10	N/A		0.9	0.952	0.982	1.032	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58669018	AM	SOLAR	10	N/A		0.9	0.960	0.990	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58700942	AM	SOLAR	13.6	N/A		0.9	0.955	0.985	1.035	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58670312	AM	SOLAR	10	N/A		0.9	0.950	0.975	1.035	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58664616	AM	SOLAR	10	N/A		0.9	0.978	0.998	1.038	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58717779	AM	SOLAR	16	N/A		0.9	0.955	0.985	1.035	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58668398	AM	SOLAR	11.4	N/A		0.9	0.950	0.976	1.036	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58716102	AM	SOLAR	7.6	N/A		0.9	0.950	0.967	1.017	1.047	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58744159	AM	SOLAR	12	N/A		0.9	0.950	0.980	1.030	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58673562	AM	SOLAR	7.6	N/A		0.9	0.950	0.978	1.038	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58664631	AM	SOLAR	11.4	N/A		0.9	0.972	0.992	1.032	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58719734	AM	SOLAR	10	N/A		0.9	0.979	0.999	1.039	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58592924	AM	SOLAR	9.6	BATTERY		0.9	0.950	0.968	1.028	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58690695	AM	SOLAR	10	N/A		0.9	0.960	0.990	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58670850	AM	SOLAR	6	N/A		0.9	0.980	1.000	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58694846	AM	SOLAR	11.4	N/A		0.9	0.956	0.986	1.036	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58696865	AM	SOLAR	11.4	N/A		0.9	0.960	0.990	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58671616	AM	SOLAR	10	N/A		0.9	0.960	0.990	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58664634	AM	SOLAR	6	N/A		0.9	0.950	0.970	1.030	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58721812	AM	SOLAR	5	N/A		0.9	0.959	0.989	1.039	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58698974	AM	SOLAR	17.28	BATTERY		0.9	0.950	0.966	1.026	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58713001	AM	SOLAR	6	N/A		0.9	0.950	0.968	1.018	1.048	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58724118	AM	SOLAR	7.6	N/A		0.9	0.978	0.998	1.038	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58650402	AM	SOLAR	19	N/A		0.9	0.973	0.993	1.033	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58689464	AM	SOLAR	10	N/A		0.9	0.950	0.976	1.036	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58712587	AM	SOLAR	20	N/A		0.9	0.958	0.988	1.038	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58712953	AM	SOLAR	5	N/A		0.9	0.953	0.983	1.033	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58696850	AM	SOLAR	7.6	N/A		0.9	0.960	0.990	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58706545	AM	SOLAR	13.6	N/A		0.9	0.950	0.966	1.016	1.046	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58691859	AM	SOLAR	7.6	N/A		0.9	0.950	0.961	1.011	1.041	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58689998	AM	SOLAR	7.6	N/A		0.9	0.955	0.985	1.035	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58676149	AM	SOLAR	6	N/A		0.9	0.950	0.979	1.039	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58705305	AM	SOLAR	10	N/A		0.9	0.955	0.985	1.035	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58683429	AM	SOLAR	13.8	N/A		0.9	0.950	0.976	1.036	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58691861	AM	SOLAR	12.6	N/A		0.9	0.950	0.979	1.039	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58647931	AM	SOLAR	19	N/A		0.9	0.952	0.982	1.032	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58748184	AM	SOLAR	5	N/A		0.9	0.953	0.983	1.033	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58704369	AM	SOLAR	7.6	N/A		0.9	0.960	0.990	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58745515	AM	SOLAR	15.2	N/A		0.9	0.950	0.967	1.027	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58644039	AM	SOLAR	11.4	N/A		0.9	0.960	0.990	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58690110	AM	SOLAR	7.6	N/A		0.9	0.960	0.990	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58715817	AM	SOLAR	6	N/A		0.9	0.960	0.990	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58711441	AM	SOLAR	7.6	N/A		0.9	0.964	0.984	1.024	1.044	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58696481	AM	SOLAR	5	N/A		0.9	0.950	0.965	1.015	1.045	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58712023	AM	SOLAR	7.6	N/A		0.9	0.980	1.000	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58688018	AM	SOLAR	10	N/A		0.9	0.950	0.973	1.033	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58627669	AM	SOLAR	7.6	N/A		0.9	0.980	1.000	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58719886	AM	SOLAR	6	N/A		0.9	0.980	1.000	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58709095	AM	SOLAR	10	N/A		0.9	0.960	0.990	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58663606	AM	SOLAR	5	N/A		0.9	0.953	0.983	1.033	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58743288	AM	SOLAR	7.6	N/A		0.9	0.952	0.982	1.032	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58725365	AM	SOLAR	10	N/A		0.9	0.980	1.000	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58650290	AM	SOLAR	11.4	N/A		0.9	0.951	0.981	1.031	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58704429	AM	SOLAR	10	N/A		0.9	0.952	0.982	1.032	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58624905	AM	SOLAR	5	N/A		0.9	0.964	0.984	1.024	1.044	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58682151	AM	SOLAR	10	N/A		0.9	0.980	1.000	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58621795	AM	SOLAR	12	N/A		0.9	0.950	0.970	1.030	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58689135	AM	SOLAR	6	N/A		0.9	0.953	0.983	1.033	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58690165	AM	SOLAR	16	N/A		0.9	0.980	1.000	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58689450	AM	SOLAR	10	N/A		0.9	0.950	0.968	1.028	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58647589	AM	SOLAR	15.2	N/A		0.9	0.980	1.000	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58639649	AM	SOLAR	5	N/A		0.9	0.950	0.960	1.010	1.040	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58674332	AM	SOLAR	7.68	N/A		0.9	0.960	0.990	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58701687	AM	SOLAR	13	N/A		0.9	0.950	0.978	1.038	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58681639	AM	SOLAR	10	N/A		0.9	0.952	0.982	1.032	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58671472	AM	SOLAR	10	N/A		0.9	0.950	0.973	1.033	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44

58730029	AM	SOLAR	11.4	N/A		0.9	0.951	0.981	1.031	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58721149	AM	SOLAR	16	N/A		0.9	0.950	0.968	1.028	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58697881	AM	SOLAR	3.8	N/A		0.9	0.950	0.979	1.039	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58682834	AM	SOLAR	7.6	N/A		0.9	0.950	0.976	1.036	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58689467	AM	SOLAR	7.6	N/A		0.9	0.958	0.988	1.038	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58702355	AM	SOLAR	5	N/A		0.9	0.950	0.966	1.016	1.046	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58694437	AM	SOLAR	3.8	N/A		0.9	0.953	0.983	1.033	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58706971	AM	SOLAR	6	N/A		0.9	0.950	0.980	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58675399	AM	SOLAR	13.44	N/A		0.9	0.960	0.990	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58633006	AM	SOLAR	5	N/A		0.9	0.950	0.978	1.038	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58704355	AM	SOLAR	16	N/A		0.9	0.950	0.967	1.017	1.047	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58704047	AM	SOLAR	10	N/A		0.9	0.960	0.990	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58717418	AM	SOLAR	6	N/A		0.9	0.950	0.971	1.031	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58709136	AM	SOLAR	6	N/A		0.9	0.954	0.984	1.034	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58697728	AM	SOLAR	15.2	N/A		0.9	0.959	0.989	1.039	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58720493	AM	SOLAR	7.6	N/A		0.9	0.950	0.980	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58669370	AM	SOLAR	10	N/A		0.9	0.955	0.985	1.035	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58691638	AM	SOLAR	19	N/A		0.9	0.950	0.967	1.017	1.047	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58679052	AM	SOLAR	11.4	N/A		0.9	0.950	0.961	1.011	1.041	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58661766	AM	SOLAR	15.2	BATTERY		0.9	0.950	0.966	1.026	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58680426	AM	SOLAR	17.6	N/A		0.9	0.968	0.988	1.028	1.048	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58729689	AM	SOLAR	10	N/A		0.9	0.950	0.962	1.022	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58695806	AM	SOLAR	3.8	N/A		0.9	0.980	1.000	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58713850	AM	SOLAR	7.6	N/A		0.9	0.950	0.977	1.037	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58703308	AM	SOLAR	10	N/A		0.9	0.950	0.979	1.039	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58721811	AM	SOLAR	10	N/A		0.9	0.950	0.975	1.035	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58688731	AM	SOLAR	21.12	N/A		0.9	0.980	1.000	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58653464	AM	SOLAR	12	N/A		0.9	0.950	0.971	1.031	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58648233	AM	SOLAR	15.2	N/A		0.9	0.960	0.990	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58706048	AM	SOLAR	3.8	N/A		0.9	0.960	0.990	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58748053	AM	SOLAR	13.6	N/A		0.9	0.960	0.990	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58729284	AM	SOLAR	7.6	N/A		0.9	0.951	0.981	1.031	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58699010	AM	SOLAR	6	N/A		0.9	0.978	0.998	1.038	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58648855	AM	SOLAR	5	N/A		0.9	0.954	0.984	1.034	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58663443	AM	SOLAR	6	N/A		0.9	0.955	0.975	1.015	1.035	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58690838	AM	SOLAR	3	N/A		0.9	0.980	1.000	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58694197	AM	SOLAR	7.6	N/A		0.9	0.979	0.999	1.039	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58745636	AM	SOLAR	3.3	N/A		0.9	0.957	0.987	1.037	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58708586	AM	SOLAR	10	N/A		0.9	0.980	1.000	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58747174	AM	SOLAR	11.4	N/A		0.9	0.957	0.987	1.037	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58694748	AM	SOLAR	6	N/A		0.9	0.960	0.990	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58745095	AM	SOLAR	10	N/A		0.9	0.969	0.989	1.029	1.049	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58690132	AM	SOLAR	7.6	N/A		0.9	0.972	0.992	1.032	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58702783	AM	SOLAR	10	N/A		0.9	0.960	0.990	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58690232	AM	SOLAR	6	N/A		0.9	0.960	0.990	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58695296	AM	SOLAR	6	N/A		0.9	0.975	0.995	1.035	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58700970	AM	SOLAR	3	N/A		0.9	0.960	0.990	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58694826	AM	SOLAR	10	N/A		0.9	0.950	0.970	1.030	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58649901	AM	SOLAR	6	N/A		0.9	0.950	0.969	1.029	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58704461	AM	SOLAR	5	N/A		0.9	0.980	1.000	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58744015	AM	SOLAR	11.4	N/A		0.9	0.980	1.000	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58725601	AM	SOLAR	10	N/A		0.9	0.980	1.000	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58717992	AM	SOLAR	12	N/A		0.9	0.976	0.996	1.036	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58716933	AM	SOLAR	6	N/A		0.9	0.978	0.998	1.038	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58651610	AM	SOLAR	7.6	N/A		0.9	0.953	0.983	1.033	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58670435	AM	SOLAR	11.4	N/A		0.9	0.950	0.975	1.035	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58642818	AM	SOLAR	10	N/A		0.9	0.980	1.000	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58689727	AM	SOLAR	13.8	N/A		0.9	0.960	0.990	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58748025	AM	SOLAR	10	N/A		0.9	0.950	0.976	1.036	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58683573	AM	SOLAR	7.6	N/A		0.9	0.960	0.990	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58691812	AM	SOLAR	6	N/A		0.9	0.950	0.978	1.038	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58707739	AM	SOLAR	7.6	N/A		0.9	0.980	1.000	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58708654	AM	SOLAR	11.4	N/A		0.9	0.952	0.982	1.032	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58647836	AM	SOLAR	7	N/A		0.9	0.980	1.000	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58746663	AM	SOLAR	12.6	N/A		0.9	0.980	1.000	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58697937	AM	SOLAR	10	N/A		0.9	0.960	0.990	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58716184	AM	SOLAR	10	N/A		0.9	0.960	0.990	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58712367	AM	SOLAR	10	N/A		0.9	0.950	0.961	1.021	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58713253	AM	SOLAR	15.2	BATTERY		0.9	0.952	0.982	1.032	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58687716	AM	SOLAR	7.6	N/A		0.9	0.950	0.977	1.037	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58704833	AM	SOLAR	10	N/A		0.9	0.950	0.966	1.026	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58693126	AM	SOLAR	3	N/A		0.9	0.956	0.986	1.036	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58707845	AM	SOLAR	7.6	N/A		0.9	0.980	1.000	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58723229	AM	SOLAR	10	N/A		0.9	0.979	0.999	1.039	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58695718	AM	SOLAR	10	N/A		0.9	0.980	1.000	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58671652	AM	SOLAR	3.8	N/A		0.9	0.951	0.981	1.031	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58709609	AM	SOLAR	6	N/A		0.9	0.950	0.975	1.035	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58708353	AM	SOLAR	12	N/A		0.9	0.950	0.965	1.025	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58705583	AM	SOLAR	7.6	N/A		0.9	0.950	0.974	1.034	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58659246	AM	SOLAR	121.6	N/A		0.9	0.960	0.990	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58690308	AM	SOLAR	15.2	N/A		0.9	0.950	0.972	1.032	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58700702	AM	SOLAR	7.6	N/A		0.9	0.956	0.986	1.036	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58664137	AM	SOLAR	17.6	N/A		0.9	0.960	0.990	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58688924	AM	SOLAR	5	N/A		0.9	0.953	0.983	1.033	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58661762	AM	SOLAR	13.6	N/A		0.9	0.950	0.968	1.028	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58670012	AM	SOLAR	11.4	N/A		0.9	0.960	0.990	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58691511	AM	SOLAR	3.8	N/A		0.9	0.980	1.000	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58750329	AM	SOLAR	10	N/A		0.9	0.970	0.990	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58671942	AM	SOLAR	7.6	N/A		0.9	0.950	0.970	1.030	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58650934	AM	SOLAR	21.4	N/A		0.9	0.960	0.990	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58706068	AM	SOLAR	11.4	N/A		0.9	0.960	0.990	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58743883	AM	SOLAR	11.4	N/A		0.9	0.970	0.990	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58715281	AM	SOLAR	10	N/A		0.9	0.950	0.963	1.023	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58723340	AM	SOLAR	20	N/A		0.9	0.950	0.960	1.010	1.040	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44

58661588	AM	SOLAR	6	N/A		0.9	0.950	0.964	1.024	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58718758	AM	SOLAR	3.8	N/A		0.9	0.980	1.000	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58728509	AM	SOLAR	3.8	N/A		0.9	0.960	0.990	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58696629	AM	SOLAR	13	N/A		0.9	0.950	0.975	1.035	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58719250	AM	SOLAR	17.6	N/A		0.9	0.950	0.964	1.024	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58675326	AM	SOLAR	7.6	N/A		0.9	0.970	0.990	1.030	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58692797	AM	SOLAR	7.6	N/A		0.9	0.979	0.999	1.039	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58713635	AM	SOLAR	11.4	N/A		0.9	0.960	0.990	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58701783	AM	SOLAR	10	N/A		0.9	0.951	0.981	1.031	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58712785	AM	SOLAR	11.4	N/A		0.9	0.950	0.967	1.017	1.047	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58744808	AM	SOLAR	11.4	N/A		0.9	0.950	0.979	1.039	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58674069	AM	SOLAR	12	N/A		0.9	0.950	0.980	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58719502	AM	SOLAR	13	N/A		0.9	0.960	0.990	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58693263	AM	SOLAR	3.8	N/A		0.9	0.960	0.990	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58717983	AM	SOLAR	12	N/A		0.9	0.980	1.000	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58699159	AM	SOLAR	7.6	N/A		0.9	0.980	1.000	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58716891	AM	SOLAR	13.8	N/A		0.9	0.950	0.978	1.038	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58690382	AM	SOLAR	11.4	N/A		0.9	0.956	0.986	1.036	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58719376	AM	SOLAR	10	N/A		0.9	0.950	0.977	1.037	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58690674	AM	SOLAR	7.6	N/A		0.9	0.980	1.000	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58651025	AM	SOLAR	7.6	N/A		0.9	0.950	0.980	1.030	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58716501	AM	SOLAR	7.6	N/A		0.9	0.950	0.960	1.010	1.040	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58706647	AM	SOLAR	14.4	N/A		0.9	0.950	0.979	1.039	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58728160	AM	SOLAR	10	N/A		0.9	0.960	0.990	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58689285	AM	SOLAR	6	BATTERY		0.9	0.950	0.960	1.000	1.020	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58720099	AM	SOLAR	11.4	N/A		0.9	0.974	0.994	1.034	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58723911	AM	SOLAR	3.8	N/A		0.9	0.960	0.990	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58744815	AM	SOLAR	5	N/A		0.9	0.950	0.980	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58728932	AM	SOLAR	6	N/A		0.9	0.953	0.983	1.033	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58693628	AM	SOLAR	5	N/A		0.9	0.960	0.990	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58642908	AM	SOLAR	11.4	N/A		0.9	0.955	0.985	1.035	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58652301	AM	SOLAR	11.4	N/A		0.9	0.950	0.968	1.028	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58693927	AM	SOLAR	13.6	N/A		0.9	0.957	0.987	1.037	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58690653	AM	SOLAR	10	N/A		0.9	0.980	1.000	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58711787	AM	SOLAR	7.6	N/A		0.9	0.960	0.990	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58746327	AM	SOLAR	10	N/A		0.9	0.970	0.990	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58712442	AM	SOLAR	10	N/A		0.9	0.951	0.981	1.031	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58754350	AM	SOLAR	15.2	N/A		0.9	0.950	0.971	1.031	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58697335	AM	SOLAR	10	N/A		0.9	0.960	0.990	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58728514	AM	SOLAR	11.4	N/A		0.9	0.960	0.990	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58646306	AM	SOLAR	15.2	N/A		0.9	0.977	0.997	1.037	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58689129	AM	SOLAR	20	N/A		0.9	0.950	0.974	1.034	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58744790	AM	SOLAR	12.6	N/A		0.9	0.960	0.990	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58723888	AM	SOLAR	11.4	N/A		0.9	0.960	0.990	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58670744	AM	SOLAR	10	N/A		0.9	0.950	0.976	1.036	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58703623	AM	SOLAR	7.6	N/A		0.9	0.978	0.998	1.038	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58727077	AM	SOLAR	15.2	N/A		0.9	0.952	0.982	1.032	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58659323	AM	SOLAR	6	N/A		0.9	0.959	0.989	1.039	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58750518	AM	SOLAR	3.8	N/A		0.9	0.960	0.990	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58687637	AM	SOLAR	5	N/A		0.9	0.956	0.986	1.036	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58706360	AM	SOLAR	11.4	N/A		0.9	0.950	0.977	1.037	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58668466	AM	SOLAR	7.6	N/A		0.9	0.950	0.976	1.036	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58689792	AM	SOLAR	15.2	N/A		0.9	0.950	0.976	1.036	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58702241	AM	SOLAR	5	N/A		0.9	0.980	1.000	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58692035	AM	SOLAR	14.4	N/A		0.9	0.950	0.967	1.017	1.047	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58698506	AM	SOLAR	10	N/A		0.9	0.960	0.990	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58666624	AM	SOLAR	13.6	N/A		0.9	0.950	0.968	1.028	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58650379	AM	SOLAR	7.6	N/A		0.9	0.972	0.992	1.032	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58730567	AM	SOLAR	6	N/A		0.9	0.950	0.980	1.030	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58666528	AM	SOLAR	15.2	N/A		0.9	0.950	0.961	1.021	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58639008	AM	SOLAR	7.6	N/A		0.9	0.950	0.979	1.039	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58692806	AM	SOLAR	3.8	N/A		0.9	0.980	1.000	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58709268	AM	SOLAR	5	N/A		0.9	0.980	1.000	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58711675	AM	SOLAR	22.8	N/A		0.9	0.950	0.980	1.030	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58681726	AM	SOLAR	7.6	N/A		0.9	0.958	0.988	1.038	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58670966	AM	SOLAR	6	N/A		0.9	0.950	0.969	1.029	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58704050	AM	SOLAR	49.4	N/A		0.9	0.951	0.981	1.031	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58718908	AM	SOLAR	13	N/A		0.9	0.954	0.984	1.034	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58694411	AM	SOLAR	10	N/A		0.9	0.950	0.960	1.010	1.040	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58701214	AM	SOLAR	7.6	N/A		0.9	0.974	0.994	1.034	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58669212	AM	SOLAR	7.6	N/A		0.9	0.958	0.978	1.018	1.038	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58705578	AM	SOLAR	5	N/A		0.9	0.977	0.997	1.037	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58645677	AM	SOLAR	13	N/A		0.9	0.959	0.989	1.039	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58691374	AM	SOLAR	11.4	N/A		0.9	0.950	0.975	1.035	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58694152	AM	SOLAR	10	N/A		0.9	0.952	0.982	1.032	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58663603	AM	SOLAR	7.6	N/A		0.9	0.957	0.987	1.037	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58658129	AM	SOLAR	10	N/A		0.9	0.960	0.990	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58690342	AM	SOLAR	7.6	N/A		0.9	0.950	0.978	1.038	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58716456	AM	SOLAR	11.4	N/A		0.9	0.960	0.990	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58691189	AM	SOLAR	21.4	N/A		0.9	0.950	0.965	1.025	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58713599	AM	SOLAR	3.8	N/A		0.9	0.960	0.990	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58699445	AM	SOLAR	16	N/A		0.9	0.960	0.990	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58723444	AM	SOLAR	5	N/A		0.9	0.951	0.981	1.031	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58688056	AM	SOLAR	3.8	N/A		0.9	0.975	0.995	1.035	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58692269	AM	SOLAR	7.6	N/A		0.9	0.950	0.975	1.035	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58708359	AM	SOLAR	17.6	N/A		0.9	0.962	0.982	1.022	1.042	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58699187	AM	SOLAR	10	N/A		0.9	0.950	0.960	1.010	1.040	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58707986	AM	SOLAR	13.6	N/A		0.9	0.952	0.982	1.032	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58644250	AM	SOLAR	5	N/A		0.9	0.950	0.966	1.026	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58643753	AM	SOLAR	10	N/A		0.9	0.954	0.984	1.034	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58710883	AM	SOLAR	28.8	N/A		0.9	0.955	0.985	1.035	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58719838	AM	SOLAR	13	N/A		0.9	0.950	0.973	1.033	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58725696	AM	SOLAR	13.6	N/A		0.9	0.960	0.990	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58720698	AM	SOLAR	13.8	N/A		0.9	0.958	0.988	1.038	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44

58747506	AM	SOLAR	11.4	N/A		0.9	0.950	0.962	1.022	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58707598	AM	SOLAR	10	N/A		0.9	0.950	0.971	1.031	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58723112	AM	SOLAR	12	N/A		0.9	0.950	0.960	1.010	1.040	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58721298	AM	SOLAR	6	N/A		0.9	0.973	0.993	1.033	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58736065	AM	SOLAR	5	N/A		0.9	0.970	0.990	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58695804	AM	SOLAR	6	N/A		0.9	0.960	0.990	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58721530	AM	SOLAR	10	N/A		0.9	0.980	1.000	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58683097	AM	SOLAR	7.6	N/A		0.9	0.951	0.981	1.031	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58682410	AM	SOLAR	11.4	N/A		0.9	0.980	1.000	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58689531	AM	SOLAR	10	N/A		0.9	0.979	0.999	1.039	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58726303	AM	SOLAR	7.6	N/A		0.9	0.960	0.990	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58673153	AM	SOLAR	12	N/A		0.9	0.956	0.986	1.036	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58669831	AM	SOLAR	10	N/A		0.9	0.950	0.979	1.039	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58691317	AM	SOLAR	7.6	N/A		0.9	0.974	0.994	1.034	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58706820	AM	SOLAR	7.6	N/A		0.9	0.950	0.969	1.029	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58693985	AM	SOLAR	5	N/A		0.9	0.960	0.990	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58692966	AM	SOLAR	6	N/A		0.9	0.974	0.994	1.034	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58712269	AM	SOLAR	5	N/A		0.9	0.951	0.981	1.031	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58689018	AM	SOLAR	11.4	N/A		0.9	0.954	0.984	1.034	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58689152	AM	SOLAR	11.4	N/A		0.9	0.950	0.969	1.029	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58669427	AM	SOLAR	6	N/A		0.9	0.950	0.978	1.038	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58661534	AM	SOLAR	7.6	N/A		0.9	0.980	1.000	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58716497	AM	SOLAR	6	N/A		0.9	0.952	0.982	1.032	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58688920	AM	SOLAR	10	N/A		0.9	0.960	0.990	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58718737	AM	SOLAR	5	N/A		0.9	0.950	0.965	1.025	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58712573	AM	SOLAR	11.4	N/A		0.9	0.960	0.990	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58718749	AM	SOLAR	10	N/A		0.9	0.950	0.962	1.022	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58716498	AM	SOLAR	11.4	N/A		0.9	0.960	0.990	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58675269	AM	SOLAR	11.4	N/A		0.9	0.958	0.988	1.038	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58688857	AM	SOLAR	13.6	N/A		0.9	0.960	0.990	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58688414	AM	SOLAR	16	N/A		0.9	0.950	0.963	1.013	1.043	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58729278	AM	SOLAR	10	N/A		0.9	0.960	0.990	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58692093	AM	SOLAR	10	BATTERY		0.9	0.960	0.990	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58626197	AM	SOLAR	3.8	N/A		0.9	0.950	0.978	1.038	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58672481	AM	SOLAR	11.4	N/A		0.9	0.950	0.965	1.015	1.045	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58690831	AM	SOLAR	15.2	N/A		0.9	0.959	0.989	1.039	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58616887	AM	SOLAR	5	N/A		0.9	0.950	0.977	1.037	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58707000	AM	SOLAR	6	N/A		0.9	0.960	0.990	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58696986	AM	SOLAR	10	N/A		0.9	0.960	0.990	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58676881	AM	SOLAR	3.8	N/A		0.9	0.954	0.984	1.034	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58611890	AM	SOLAR	10	N/A		0.9	0.973	0.993	1.033	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58750687	AM	SOLAR	13	N/A		0.9	0.960	0.990	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58649671	AM	SOLAR	5	N/A		0.9	0.980	1.000	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58721710	AM	SOLAR	7.6	N/A		0.9	0.960	0.990	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58715418	AM	SOLAR	7.6	N/A		0.9	0.956	0.986	1.036	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58665704	AM	SOLAR	7.6	N/A		0.9	0.975	0.995	1.035	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58695820	AM	SOLAR	20	N/A		0.9	0.950	0.974	1.034	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58747309	AM	SOLAR	7.6	N/A		0.9	0.960	0.990	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58677945	AM	SOLAR	7.6	N/A		0.9	0.950	0.965	1.015	1.045	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58670055	AM	SOLAR	12	N/A		0.9	0.960	0.990	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58727044	AM	SOLAR	11.4	N/A		0.9	0.950	0.969	1.029	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58720272	AM	SOLAR	10	N/A		0.9	0.960	0.990	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58665322	AM	SOLAR	15.2	N/A		0.9	0.954	0.984	1.034	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58679209	AM	SOLAR	13.8	N/A		0.9	0.980	1.000	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58716194	AM	SOLAR	3	N/A		0.9	0.957	0.987	1.037	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58675984	AM	SOLAR	10	N/A		0.9	0.950	0.977	1.037	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58674286	AM	SOLAR	7.6	N/A		0.9	0.980	1.000	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58647701	AM	SOLAR	3.8	N/A		0.9	0.960	0.990	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58664731	AM	SOLAR	17.6	N/A		0.9	0.960	0.990	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58693075	AM	SOLAR	20	N/A		0.9	0.960	0.990	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58711039	AM	SOLAR	6	N/A		0.9	0.950	0.971	1.031	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58693962	AM	SOLAR	6	N/A		0.9	0.959	0.989	1.039	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58715612	AM	SOLAR	7.6	N/A		0.9	0.971	0.991	1.031	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58678483	AM	SOLAR	6	N/A		0.9	0.960	0.990	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58696598	AM	SOLAR	11.4	N/A		0.9	0.957	0.987	1.037	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58624969	AM	SOLAR	5	N/A		0.9	0.954	0.984	1.034	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58742109	AM	SOLAR	7.6	N/A		0.9	0.960	0.990	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58727781	AM	SOLAR	5	N/A		0.9	0.950	0.979	1.039	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58710553	AM	SOLAR	3.8	N/A		0.9	0.979	0.999	1.039	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58702629	AM	SOLAR	6	N/A		0.9	0.960	0.990	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58649351	AM	SOLAR	13.6	N/A		0.9	0.980	1.000	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58736061	AM	SOLAR	10	N/A		0.9	0.970	0.990	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58697901	AM	SOLAR	3.8	N/A		0.9	0.980	1.000	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58703390	AM	SOLAR	5	N/A		0.9	0.950	0.968	1.018	1.048	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58726575	AM	SOLAR	10	N/A		0.9	0.959	0.989	1.039	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58719275	AM	SOLAR	3.8	N/A		0.9	0.950	0.970	1.030	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58674387	AM	SOLAR	6	N/A		0.9	0.950	0.970	1.030	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58744782	AM	SOLAR	15	N/A		0.9	0.950	0.980	1.030	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58695087	AM	SOLAR	10	N/A		0.9	0.960	0.990	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58725676	AM	SOLAR	14.4	N/A		0.9	0.979	0.999	1.039	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58696677	AM	SOLAR	15.2	N/A		0.9	0.980	1.000	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58673152	AM	SOLAR	15	N/A		0.9	0.953	0.983	1.033	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58673807	AM	SOLAR	7.6	N/A		0.9	0.954	0.984	1.034	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58640715	AM	SOLAR	7.6	N/A		0.9	0.950	0.966	1.026	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58689013	AM	SOLAR	15.2	N/A		0.9	0.952	0.982	1.032	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58706713	AM	SOLAR	5	N/A		0.9	0.950	0.976	1.036	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58718924	AM	SOLAR	5	N/A		0.9	0.970	0.990	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58648138	AM	SOLAR	11.4	N/A		0.9	0.960	0.990	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58627660	AM	SOLAR	3.8	N/A		0.9	0.959	0.989	1.039	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58703621	AM	SOLAR	15.2	N/A		0.9	0.950	0.979	1.039	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58710560	AM	SOLAR	5	N/A		0.9	0.960	0.990	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58708308	AM	SOLAR	12	N/A		0.9	0.950	0.979	1.039	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58690214	AM	SOLAR	5	N/A		0.9	0.950	0.974	1.034	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58632071	AM	SOLAR	7.6	N/A		0.9	0.980	1.000	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44

58671284	AM	SOLAR	12	N/A		0.9	0.951	0.981	1.031	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58697052	AM	SOLAR	7.6	N/A		0.9	0.960	0.990	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58700448	AM	SOLAR	11.4	BATTERY		0.9	0.960	0.990	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58746231	AM	SOLAR	5	N/A		0.9	0.973	0.993	1.033	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58702179	AM	SOLAR	6	N/A		0.9	0.960	0.990	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58688336	AM	SOLAR	7.6	N/A		0.9	0.950	0.973	1.033	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58641404	AM	SOLAR	5	N/A		0.9	0.950	0.980	1.030	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58679101	AM	SOLAR	10	N/A		0.9	0.972	0.992	1.032	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58613925	AM	SOLAR	10	N/A		0.9	0.950	0.960	1.010	1.040	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58702619	AM	SOLAR	7.6	N/A		0.9	0.960	0.990	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58683583	AM	SOLAR	3.8	N/A		0.9	0.956	0.976	1.016	1.036	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58729702	AM	SOLAR	10	N/A		0.9	0.960	0.990	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58676785	AM	SOLAR	15	N/A		0.9	0.950	0.964	1.014	1.044	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58742995	AM	SOLAR	7.6	N/A		0.9	0.958	0.988	1.038	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58681898	AM	SOLAR	10	N/A		0.9	0.950	0.980	1.030	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58647644	AM	SOLAR	7.6	N/A		0.9	0.960	0.990	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58647895	AM	SOLAR	11.4	N/A		0.9	0.975	0.995	1.035	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58703413	AM	SOLAR	10	N/A		0.9	0.980	1.000	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58723341	AM	SOLAR	6	N/A		0.9	0.957	0.987	1.037	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58641170	AM	SOLAR	10	N/A		0.9	0.950	0.975	1.035	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58716338	AM	SOLAR	17.6	N/A		0.9	0.960	0.990	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58750419	AM	SOLAR	5	N/A		0.9	0.950	0.973	1.033	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58707619	AM	SOLAR	5	N/A		0.9	0.957	0.987	1.037	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58692744	AM	SOLAR	6	N/A		0.9	0.966	0.986	1.026	1.046	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58647838	AM	SOLAR	10	N/A		0.9	0.958	0.988	1.038	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58713281	AM	SOLAR	10	N/A		0.9	0.950	0.972	1.032	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58715347	AM	SOLAR	11.4	N/A		0.9	0.956	0.986	1.036	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58711313	AM	SOLAR	6	N/A		0.9	0.980	1.000	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58680078	AM	SOLAR	6	N/A		0.9	0.960	0.990	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58746563	AM	SOLAR	10	N/A		0.9	0.970	0.990	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58713836	AM	SOLAR	11.4	N/A		0.9	0.959	0.989	1.039	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58639457	AM	SOLAR	12.6	N/A		0.9	0.960	0.990	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58700382	AM	SOLAR	15.2	N/A		0.9	0.960	0.990	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58705412	AM	SOLAR	19	N/A		0.9	0.970	0.990	1.030	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58699752	AM	SOLAR	10	N/A		0.9	0.950	0.978	1.038	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58711284	AM	SOLAR	7.6	N/A		0.9	0.980	1.000	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58715965	AM	SOLAR	3.8	N/A		0.9	0.960	0.990	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58701982	AM	SOLAR	11.4	N/A		0.9	0.958	0.988	1.038	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58703332	AM	SOLAR	11.4	N/A		0.9	0.960	0.990	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58658119	AM	SOLAR	6	N/A		0.9	0.960	0.990	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58690211	AM	SOLAR	7.6	N/A		0.9	0.960	0.990	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58647334	AM	SOLAR	10	N/A		0.9	0.950	0.966	1.016	1.046	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58665189	AM	SOLAR	19	N/A		0.9	0.959	0.989	1.039	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58697400	AM	SOLAR	10	N/A		0.9	0.958	0.988	1.038	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58672345	AM	SOLAR	14.4	N/A		0.9	0.960	0.990	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58677991	AM	SOLAR	15.2	N/A		0.9	0.977	0.997	1.037	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58726581	AM	SOLAR	10	N/A		0.9	0.960	0.990	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58646397	AM	SOLAR	10	N/A		0.9	0.954	0.984	1.034	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58699472	AM	SOLAR	5	N/A		0.9	0.950	0.967	1.017	1.047	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58672836	AM	SOLAR	20	N/A		0.9	0.950	0.980	1.030	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58742964	AM	SOLAR	5	N/A		0.9	0.970	0.990	1.030	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58713664	AM	SOLAR	7.6	N/A		0.9	0.980	1.000	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58698245	AM	SOLAR	14.4	N/A		0.9	0.950	0.977	1.037	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58741570	AM	SOLAR	3	N/A		0.9	0.970	0.990	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58632835	AM	SOLAR	13.6	N/A		0.9	0.950	0.980	1.030	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58640348	AM	SOLAR	15.2	N/A		0.9	0.960	0.990	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58723035	AM	SOLAR	13.6	N/A		0.9	0.960	0.990	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58727130	AM	SOLAR	7.6	N/A		0.9	0.952	0.982	1.032	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58700883	AM	SOLAR	15.2	N/A		0.9	0.950	0.978	1.038	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58724927	AM	SOLAR	10	N/A		0.9	0.968	0.988	1.028	1.048	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58695310	AM	SOLAR	13.6	N/A		0.9	0.955	0.985	1.035	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58631965	AM	SOLAR	6	N/A		0.9	0.958	0.988	1.038	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58713381	AM	SOLAR	5	N/A		0.9	0.950	0.971	1.031	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58683270	AM	SOLAR	3.8	N/A		0.9	0.950	0.977	1.037	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58717413	AM	SOLAR	11.4	N/A		0.9	0.950	0.960	1.010	1.040	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58691036	AM	SOLAR	6	N/A		0.9	0.950	0.978	1.038	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58641361	AM	SOLAR	10	N/A		0.9	0.950	0.960	1.020	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58694786	AM	SOLAR	14.4	N/A		0.9	0.979	0.999	1.039	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58714387	AM	SOLAR	7.6	N/A		0.9	0.960	0.990	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58681682	AM	SOLAR	12	N/A		0.9	0.950	0.967	1.027	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58689302	AM	SOLAR	12	N/A		0.9	0.950	0.969	1.029	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58694165	AM	SOLAR	10	N/A		0.9	0.950	0.974	1.034	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58713116	AM	SOLAR	13.44	N/A		0.9	0.950	0.965	1.025	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58655249	AM	SOLAR	10	N/A		0.9	0.960	0.990	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58710737	AM	SOLAR	10	N/A		0.9	0.950	0.978	1.038	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58695705	AM	SOLAR	7.6	N/A		0.9	0.980	1.000	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58690563	AM	SOLAR	11.4	N/A		0.9	0.953	0.983	1.033	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58699739	AM	SOLAR	3.8	N/A		0.9	0.950	0.961	1.011	1.041	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58681532	AM	SOLAR	3	N/A		0.9	0.953	0.983	1.033	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58721473	AM	SOLAR	10	N/A		0.9	0.979	0.999	1.039	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58674346	AM	SOLAR	7.68	N/A		0.9	0.980	1.000	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58747260	AM	SOLAR	5	N/A		0.9	0.960	0.990	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58688423	AM	SOLAR	5	N/A		0.9	0.973	0.993	1.033	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58691669	AM	SOLAR	11.4	N/A		0.9	0.950	0.969	1.029	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58703415	AM	SOLAR	10	N/A		0.9	0.950	0.967	1.017	1.047	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58695327	AM	SOLAR	10	N/A		0.9	0.950	0.977	1.037	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58703775	AM	SOLAR	3	N/A		0.9	0.980	1.000	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58718126	AM	SOLAR	15.2	N/A		0.9	0.950	0.975	1.035	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58717108	AM	SOLAR	6	N/A		0.9	0.958	0.988	1.038	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58706625	AM	SOLAR	13.8	N/A		0.9	0.950	0.975	1.035	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58696824	AM	SOLAR	7.6	N/A		0.9	0.950	0.979	1.039	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58703074	AM	SOLAR	16	N/A		0.9	0.951	0.981	1.031	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58695235	AM	SOLAR	5	N/A		0.9	0.956	0.986	1.036	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58699447	AM	SOLAR	11.4	N/A		0.9	0.975	0.995	1.035	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44

58742949	AM	SOLAR	7.6	N/A		0.9	0.954	0.984	1.034	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58676544	AM	SOLAR	7.6	N/A		0.9	0.960	0.990	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58697719	AM	SOLAR	10	N/A		0.9	0.950	0.973	1.033	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58723519	AM	SOLAR	7.6	N/A		0.9	0.950	0.977	1.037	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58717578	AM	SOLAR	11.4	N/A		0.9	0.950	0.980	1.030	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58674217	AM	SOLAR	6	N/A		0.9	0.957	0.987	1.037	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58700229	AM	SOLAR	11.4	N/A		0.9	0.950	0.974	1.034	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58664624	AM	SOLAR	9.8	BATTERY		0.9	0.957	0.987	1.037	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58671111	AM	SOLAR	17.4	N/A		0.9	0.956	0.986	1.036	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58637054	AM	SOLAR	10	N/A		0.9	0.959	0.989	1.039	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58727107	AM	SOLAR	7.6	N/A		0.9	0.960	0.990	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58730543	AM	SOLAR	7.6	N/A		0.9	0.970	0.990	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58645516	AM	SOLAR	12	N/A		0.9	0.980	1.000	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58690788	AM	SOLAR	3.8	N/A		0.9	0.966	0.986	1.026	1.046	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58690267	AM	SOLAR	11.4	N/A		0.9	0.952	0.982	1.032	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58698393	AM	SOLAR	10	N/A		0.9	0.963	0.983	1.023	1.043	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58688819	AM	SOLAR	10	N/A		0.9	0.980	1.000	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58744004	AM	SOLAR	10	N/A		0.9	0.973	0.993	1.033	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58670095	AM	SOLAR	15.36	BATTERY		0.9	0.980	1.000	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58752791	AM	SOLAR	11.4	N/A		0.9	0.950	0.975	1.035	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58619003	AM	SOLAR	7.6	N/A		0.9	0.976	0.996	1.036	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58716469	AM	SOLAR	10	N/A		0.9	0.950	0.969	1.029	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58653622	AM	SOLAR	7.6	N/A		0.9	0.980	1.000	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58723179	AM	SOLAR	6	N/A		0.9	0.958	0.988	1.038	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58722663	AM	SOLAR	15.2	N/A		0.9	0.960	0.990	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58701477	AM	SOLAR	7.6	N/A		0.9	0.950	0.971	1.031	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58694952	AM	SOLAR	10	N/A		0.9	0.956	0.986	1.036	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58622159	AM	SOLAR	6	N/A		0.9	0.950	0.971	1.031	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58700081	AM	SOLAR	11.4	N/A		0.9	0.957	0.987	1.037	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58704775	AM	SOLAR	15.2	N/A		0.9	0.951	0.981	1.031	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58651417	AM	SOLAR	11.4	N/A		0.9	0.955	0.985	1.035	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58690258	AM	SOLAR	7.6	N/A		0.9	0.950	0.966	1.016	1.046	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58719793	AM	SOLAR	11.4	N/A		0.9	0.950	0.965	1.025	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58742860	AM	SOLAR	16	N/A		0.9	0.950	0.978	1.038	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58740898	AM	SOLAR	7.6	N/A		0.9	0.970	0.990	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58694432	AM	SOLAR	3.3	N/A		0.9	0.950	0.972	1.032	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58688633	AM	SOLAR	10	N/A		0.9	0.980	1.000	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58713488	AM	SOLAR	240	N/A		0.9	0.960	0.990	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58704092	AM	SOLAR	66.6	N/A		0.9	0.960	0.990	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58692757	AM	SOLAR	5	N/A		0.9	0.958	0.988	1.038	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58651844	AM	SOLAR	12	N/A		0.9	0.960	0.990	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58717324	AM	SOLAR	6	N/A		0.9	0.950	0.980	1.030	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58749317	AM	SOLAR	11.4	N/A		0.9	0.960	0.990	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58692116	AM	SOLAR	3.8	N/A		0.9	0.974	0.994	1.034	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58722111	AM	SOLAR	3.8	N/A		0.9	0.950	0.975	1.035	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58709146	AM	SOLAR	11.4	N/A		0.9	0.960	0.990	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58693108	AM	SOLAR	7.6	N/A		0.9	0.960	0.990	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58657230	AM	SOLAR	12	N/A		0.9	0.955	0.985	1.035	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58718396	AM	SOLAR	7.6	N/A		0.9	0.980	1.000	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58669122	AM	SOLAR	5	N/A		0.9	0.959	0.989	1.039	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58663380	AM	SOLAR	10	N/A		0.9	0.964	0.984	1.024	1.044	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58742640	AM	SOLAR	7.6	N/A		0.9	0.954	0.984	1.034	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58690876	AM	SOLAR	5	N/A		0.9	0.960	0.990	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58697897	AM	SOLAR	10	N/A		0.9	0.950	0.978	1.038	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58705103	AM	SOLAR	11.4	N/A		0.9	0.980	1.000	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58688687	AM	SOLAR	10	N/A		0.9	0.976	0.996	1.036	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58724146	AM	SOLAR	6	N/A		0.9	0.980	1.000	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58692435	AM	SOLAR	5	N/A		0.9	0.950	0.978	1.038	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58717595	AM	SOLAR	10	N/A		0.9	0.954	0.984	1.034	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58696799	AM	SOLAR	10	N/A		0.9	0.950	0.976	1.036	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58723371	AM	SOLAR	10	N/A		0.9	0.950	0.976	1.036	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58702019	AM	SOLAR	15.2	N/A		0.9	0.969	0.989	1.029	1.049	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58692899	AM	SOLAR	13.6	N/A		0.9	0.950	0.963	1.013	1.043	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58728364	AM	SOLAR	11.4	N/A		0.9	0.959	0.989	1.039	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58740945	AM	SOLAR	7.6	N/A		0.9	0.970	0.990	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58690442	AM	SOLAR	6	N/A		0.9	0.980	1.000	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58704421	AM	SOLAR	10	N/A		0.9	0.950	0.961	1.021	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58704534	AM	SOLAR	7.68	N/A		0.9	0.950	0.978	1.038	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58709189	AM	SOLAR	14.4	N/A		0.9	0.950	0.980	1.030	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58738818	AM	SOLAR	10	N/A		0.9	0.960	0.990	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58709369	AM	SOLAR	11.4	N/A		0.9	0.960	0.990	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58621012	AM	SOLAR	7.6	N/A		0.9	0.971	0.991	1.031	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58699176	AM	SOLAR	5	N/A		0.9	0.950	0.969	1.019	1.049	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58664927	AM	SOLAR	6	BATTERY		0.9	0.950	0.960	1.010	1.040	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58664636	AM	SOLAR	10	N/A		0.9	0.950	0.980	1.030	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58751277	AM	SOLAR	6	N/A		0.9	0.968	0.988	1.038	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58674683	AM	SOLAR	6	N/A		0.9	0.950	0.966	1.026	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58697099	AM	SOLAR	14.4	BATTERY		0.9	0.960	0.990	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58675325	AM	SOLAR	11.4	N/A		0.9	0.980	1.000	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58681930	AM	SOLAR	3	N/A		0.9	0.955	0.985	1.035	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58655469	AM	SOLAR	6	N/A		0.9	0.951	0.981	1.031	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58747785	AM	SOLAR	6	N/A		0.9	0.970	0.990	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58719493	AM	SOLAR	7.6	N/A		0.9	0.952	0.982	1.032	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58674442	AM	SOLAR	15.2	BATTERY		0.9	0.950	0.980	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58696829	AM	SOLAR	7.6	N/A		0.9	0.959	0.989	1.039	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58706362	AM	SOLAR	11.4	N/A		0.9	0.958	0.988	1.038	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58717007	AM	SOLAR	7.6	N/A		0.9	0.960	0.990	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58720957	AM	SOLAR	15	BATTERY		0.9	0.950	0.965	1.025	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58671678	AM	SOLAR	11.4	N/A		0.9	0.958	0.988	1.038	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58710870	AM	SOLAR	11.4	N/A		0.9	0.950	0.970	1.020	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58722848	AM	SOLAR	7.6	N/A		0.9	0.950	0.964	1.024	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58694129	AM	SOLAR	10	N/A		0.9	0.980	1.000	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58689501	AM	SOLAR	17.6	N/A		0.9	0.950	0.979	1.039	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58718992	AM	SOLAR	11.4	N/A		0.9	0.950	0.978	1.038	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44

58714987	AM	SOLAR	10	N/A		0.9	0.980	1.000	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58683418	AM	SOLAR	10	N/A		0.9	0.950	0.980	1.030	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58716319	AM	SOLAR	10	N/A		0.9	0.960	0.990	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58677477	AM	SOLAR	13.6	N/A		0.9	0.967	0.987	1.037	1.047	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58680791	AM	SOLAR	6	N/A		0.9	0.978	0.998	1.038	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58661259	AM	SOLAR	7.6	N/A		0.9	0.960	0.990	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58704512	AM	SOLAR	7.6	N/A		0.9	0.950	0.971	1.031	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58743833	AM	SOLAR	10	N/A		0.9	0.955	0.985	1.035	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58696966	AM	SOLAR	11.4	N/A		0.9	0.950	0.978	1.038	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58702276	AM	SOLAR	120	N/A		0.9	0.980	1.000	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58704325	AM	SOLAR	6	N/A		0.9	0.950	0.974	1.034	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58713193	AM	SOLAR	15.2	N/A		0.9	0.950	0.975	1.035	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58695220	AM	SOLAR	15	N/A		0.9	0.971	0.991	1.031	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58719248	AM	SOLAR	5.76	N/A		0.9	0.959	0.989	1.039	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58691954	AM	SOLAR	3.8	N/A		0.9	0.971	0.990	1.030	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58728046	AM	SOLAR	11.4	N/A		0.9	0.950	0.979	1.039	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58733728	AM	SOLAR	7.6	N/A		0.9	0.970	0.990	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58695301	AM	SOLAR	3	N/A		0.9	0.978	0.998	1.038	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58715467	AM	SOLAR	13	N/A		0.9	0.950	0.976	1.036	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58702593	AM	SOLAR	10	N/A		0.9	0.966	0.986	1.026	1.046	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58705772	AM	SOLAR	7.6	N/A		0.9	0.960	0.990	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58666236	AM	SOLAR	6	N/A		0.9	0.960	0.990	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58747491	AM	SOLAR	16	N/A		0.9	0.950	0.972	1.032	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58678292	AM	SOLAR	11.4	N/A		0.9	0.951	0.981	1.031	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58711981	AM	SOLAR	7.6	N/A		0.9	0.950	0.974	1.034	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58722023	AM	SOLAR	3.8	N/A		0.9	0.950	0.975	1.035	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58709414	AM	SOLAR	10	N/A		0.9	0.960	0.990	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58696972	AM	SOLAR	3	N/A		0.9	0.958	0.988	1.038	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58680351	AM	SOLAR	10	N/A		0.9	0.950	0.960	1.010	1.040	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58672283	AM	SOLAR	10	N/A		0.9	0.950	0.975	1.035	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58680309	AM	SOLAR	5	N/A		0.9	0.973	0.993	1.033	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58647304	AM	SOLAR	6	N/A		0.9	0.962	0.982	1.022	1.042	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58680363	AM	SOLAR	10	N/A		0.9	0.950	0.978	1.038	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58639635	AM	SOLAR	13.6	N/A		0.9	0.959	0.989	1.039	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58708040	AM	SOLAR	5	N/A		0.9	0.980	1.000	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58639803	AM	SOLAR	6	N/A		0.9	0.950	0.964	1.024	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58627196	AM	SOLAR	6	N/A		0.9	0.952	0.982	1.032	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58742661	AM	SOLAR	11.4	N/A		0.9	0.954	0.984	1.034	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58698410	AM	SOLAR	22.8	N/A		0.9	0.950	0.973	1.033	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58645264	AM	SOLAR	6	N/A		0.9	0.956	0.976	1.016	1.036	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58678605	AM	SOLAR	13.6	N/A		0.9	0.980	1.000	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58702146	AM	SOLAR	6	N/A		0.9	0.980	1.000	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58723406	AM	SOLAR	10	N/A		0.9	0.950	0.978	1.038	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58741784	AM	SOLAR	6	N/A		0.9	0.950	0.979	1.039	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58707898	AM	SOLAR	10	N/A		0.9	0.960	0.990	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58692490	AM	SOLAR	15	N/A		0.9	0.950	0.968	1.028	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58706449	AM	SOLAR	6	N/A		0.9	0.970	0.990	1.030	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58715726	AM	SOLAR	10	N/A		0.9	0.980	1.000	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58710923	AM	SOLAR	11.4	BATTERY		0.9	0.978	0.998	1.038	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58647907	AM	SOLAR	7.6	N/A		0.9	0.950	0.975	1.035	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58743276	AM	SOLAR	10	N/A		0.9	0.960	0.990	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58690681	AM	SOLAR	7.6	N/A		0.9	0.950	0.973	1.033	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58676782	AM	SOLAR	3.8	N/A		0.9	0.966	0.986	1.026	1.046	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58726140	AM	SOLAR	6	N/A		0.9	0.950	0.978	1.038	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58703636	AM	SOLAR	15	N/A		0.9	0.960	0.990	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58726487	AM	SOLAR	50	N/A		0.9	0.953	0.983	1.033	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58678772	AM	SOLAR	22.8	N/A		0.9	0.950	0.968	1.018	1.048	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58697604	AM	SOLAR	10	N/A		0.9	0.950	0.960	1.010	1.040	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58691338	AM	SOLAR	6	N/A		0.9	0.950	0.960	1.010	1.040	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58622530	AM	SOLAR	15	N/A		0.9	0.972	0.992	1.032	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58712315	AM	SOLAR	17.4	N/A		0.9	0.980	1.000	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58717794	AM	SOLAR	15.2	N/A		0.9	0.950	0.960	1.010	1.040	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58740139	AM	SOLAR	15.2	N/A		0.9	0.970	0.990	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58652177	AM	SOLAR	10	N/A		0.9	0.958	0.988	1.038	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58715151	AM	SOLAR	11.4	N/A		0.9	0.950	0.965	1.025	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58698046	AM	SOLAR	6	N/A		0.9	0.950	0.976	1.036	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58692812	AM	SOLAR	10	N/A		0.9	0.950	0.978	1.038	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58712685	AM	SOLAR	13.6	N/A		0.9	0.960	0.990	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58638491	AM	SOLAR	68.4	N/A		0.9	0.950	0.966	1.026	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58723121	AM	SOLAR	10	N/A		0.9	0.950	0.980	1.030	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58694793	AM	SOLAR	10	N/A		0.9	0.950	0.969	1.029	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58700514	AM	SOLAR	7.6	N/A		0.9	0.950	0.970	1.030	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58721659	AM	SOLAR	7.6	N/A		0.9	0.958	0.978	1.028	1.048	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58728215	AM	SOLAR	13	N/A		0.9	0.960	0.990	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58639096	AM	SOLAR	16.4	N/A		0.9	0.980	1.000	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58694974	AM	SOLAR	6	N/A		0.9	0.956	0.986	1.036	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58679785	AM	SOLAR	10	N/A		0.9	0.950	0.977	1.037	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58702083	AM	SOLAR	7.6	N/A		0.9	0.950	0.974	1.034	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58672391	AM	SOLAR	11.4	N/A		0.9	0.950	0.975	1.035	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58707865	AM	SOLAR	15	BATTERY		0.9	0.972	0.992	1.032	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58721269	AM	SOLAR	11.4	BATTERY		0.9	0.950	0.976	1.036	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58728597	AM	SOLAR	6	N/A		0.9	0.955	0.975	1.025	1.045	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58617950	AM	SOLAR	7.6	N/A		0.9	0.950	0.974	1.034	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58721167	AM	SOLAR	5	N/A		0.9	0.950	0.965	1.015	1.045	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58707237	AM	SOLAR	5	N/A		0.9	0.980	1.000	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58710652	AM	SOLAR	5	N/A		0.9	0.950	0.968	1.028	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58663340	AM	SOLAR	7.6	N/A		0.9	0.959	0.989	1.039	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58703965	AM	SOLAR	6	N/A		0.9	0.978	0.998	1.038	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58709752	AM	SOLAR	5	N/A		0.9	0.960	0.990	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58670130	AM	SOLAR	3.8	N/A		0.9	0.966	0.986	1.026	1.046	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58702982	AM	SOLAR	6	N/A		0.9	0.950	0.967	1.027	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58708352	AM	SOLAR	3.8	N/A		0.9	0.960	0.990	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58690424	AM	SOLAR	7.6	N/A		0.9	0.954	0.984	1.034	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58711438	AM	SOLAR	6	N/A		0.9	0.954	0.974	1.014	1.034	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44

58693558	AM	SOLAR	7.6	N/A		0.9	0.960	0.990	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58732544	AM	SOLAR	8	N/A		0.9	0.973	0.993	1.033	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58651532	AM	SOLAR	7.6	BATTERY		0.9	0.950	0.973	1.033	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58716819	AM	SOLAR	11.4	N/A		0.9	0.980	1.000	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58688631	AM	SOLAR	10	N/A		0.9	0.950	0.976	1.036	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58645676	AM	SOLAR	5	N/A		0.9	0.950	0.968	1.028	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58716925	AM	SOLAR	15	N/A		0.9	0.950	0.967	1.027	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58713849	AM	SOLAR	10	N/A		0.9	0.975	0.995	1.035	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58715089	AM	SOLAR	3.8	BATTERY		0.9	0.956	0.986	1.036	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58703599	AM	SOLAR	30	N/A		0.9	0.960	0.990	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58642208	AM	SOLAR	7.6	N/A		0.9	0.950	0.969	1.029	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58712256	AM	SOLAR	11.4	N/A		0.9	0.960	0.990	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58690986	AM	SOLAR	10	N/A		0.9	0.956	0.986	1.036	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58708639	AM	SOLAR	7.6	N/A		0.9	0.950	0.968	1.028	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58669817	AM	SOLAR	5	N/A		0.9	0.951	0.981	1.031	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58702817	AM	SOLAR	10	N/A		0.9	0.960	0.990	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58701302	AM	SOLAR	6	N/A		0.9	0.980	1.000	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58739075	AM	SOLAR	11.4	N/A		0.9	0.960	0.990	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58744975	AM	SOLAR	10	N/A		0.9	0.970	0.990	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58719146	AM	SOLAR	10	N/A		0.9	0.960	0.990	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58703568	AM	SOLAR	10	N/A		0.9	0.950	0.970	1.030	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58703860	AM	SOLAR	5	N/A		0.9	0.950	0.960	1.010	1.040	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58670126	AM	SOLAR	3.8	N/A		0.9	0.950	0.970	1.010	1.030	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58700330	AM	SOLAR	12	N/A		0.9	0.960	0.990	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58631810	AM	SOLAR	5	N/A		0.9	0.950	0.965	1.015	1.045	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58713366	AM	SOLAR	10	N/A		0.9	0.950	0.960	1.010	1.040	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58722815	AM	SOLAR	3.8	N/A		0.9	0.954	0.984	1.034	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58748656	AM	SOLAR	7.6	N/A		0.9	0.952	0.982	1.032	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58633024	AM	SOLAR	11.4	N/A		0.9	0.950	0.974	1.034	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58676495	AM	SOLAR	19	N/A		0.9	0.955	0.985	1.035	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58688037	AM	SOLAR	5	N/A		0.9	0.954	0.984	1.034	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58673420	AM	SOLAR	6	N/A		0.9	0.960	0.999	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58716532	AM	SOLAR	7.6	N/A		0.9	0.970	0.990	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58697501	AM	SOLAR	10	N/A		0.9	0.950	0.961	1.021	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58727198	AM	SOLAR	10	N/A		0.9	0.960	0.990	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58738894	AM	SOLAR	17.4	N/A		0.9	0.958	0.988	1.038	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58729140	AM	SOLAR	3.8	N/A		0.9	0.960	0.990	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58702911	AM	SOLAR	10	N/A		0.9	0.952	0.982	1.032	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58672111	AM	SOLAR	10	N/A		0.9	0.960	0.990	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58676886	AM	SOLAR	7.6	N/A		0.9	0.950	0.964	1.014	1.044	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58722651	AM	SOLAR	12	N/A		0.9	0.950	0.973	1.033	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58710672	AM	SOLAR	11.4	N/A		0.9	0.960	0.990	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58675663	AM	SOLAR	16	N/A		0.9	0.960	0.990	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58653199	AM	SOLAR	10	N/A		0.9	0.977	0.997	1.037	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58717236	AM	SOLAR	10	N/A		0.9	0.980	1.000	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58746368	AM	SOLAR	5	N/A		0.9	0.970	0.990	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58718769	AM	SOLAR	11.4	N/A		0.9	0.960	0.990	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58695026	AM	SOLAR	6	N/A		0.9	0.960	0.990	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58718153	AM	SOLAR	5	N/A		0.9	0.960	0.990	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58705030	AM	SOLAR	10	N/A		0.9	0.950	0.977	1.037	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58696849	AM	SOLAR	7.68	BATTERY		0.9	0.956	0.986	1.036	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58709993	AM	SOLAR	19	N/A		0.9	0.952	0.982	1.032	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58718616	AM	SOLAR	19	N/A		0.9	0.955	0.985	1.035	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58724661	AM	SOLAR	10	N/A		0.9	0.950	0.973	1.033	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58638511	AM	SOLAR	6	N/A		0.9	0.950	0.975	1.035	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58652079	AM	SOLAR	6	N/A		0.9	0.959	0.989	1.039	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58639988	AM	SOLAR	17.4	N/A		0.9	0.950	0.979	1.039	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58692764	AM	SOLAR	7.6	N/A		0.9	0.980	1.000	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58703325	AM	SOLAR	11.4	N/A		0.9	0.950	0.970	1.030	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58708929	AM	SOLAR	10	N/A		0.9	0.960	0.990	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58651172	AM	SOLAR	22	BATTERY		0.9	0.960	0.990	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58708633	AM	SOLAR	10	N/A		0.9	0.950	0.975	1.035	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58715474	AM	SOLAR	11.4	N/A		0.9	0.956	0.986	1.036	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58696830	AM	SOLAR	7.6	N/A		0.9	0.962	0.982	1.022	1.042	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58696401	AM	SOLAR	12.6	N/A		0.9	0.976	0.996	1.036	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58738927	AM	SOLAR	10	N/A		0.9	0.953	0.983	1.033	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58639408	AM	SOLAR	6	N/A		0.9	0.970	0.990	1.030	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58698509	AM	SOLAR	10	N/A		0.9	0.950	0.974	1.034	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58696958	AM	SOLAR	5	N/A		0.9	0.973	0.993	1.033	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58714875	AM	SOLAR	11.4	N/A		0.9	0.950	0.974	1.034	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58674665	AM	SOLAR	6	N/A		0.9	0.955	0.985	1.035	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58703755	AM	SOLAR	15	BATTERY		0.9	0.955	0.985	1.035	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58746275	AM	SOLAR	7.6	N/A		0.9	0.950	0.978	1.038	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58617848	AM	SOLAR	10	N/A		0.9	0.956	0.986	1.036	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58700606	AM	SOLAR	7.6	N/A		0.9	0.960	0.990	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58695221	AM	SOLAR	15	N/A		0.9	0.958	0.988	1.038	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58739133	AM	SOLAR	6	N/A		0.9	0.970	0.990	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58642147	AM	SOLAR	7.6	N/A		0.9	0.950	0.977	1.037	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58644673	AM	SOLAR	17.6	N/A		0.9	0.980	1.000	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58752835	AM	SOLAR	7.6	N/A		0.9	0.970	0.990	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58697410	AM	SOLAR	10	N/A		0.9	0.980	1.000	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58705994	AM	SOLAR	10	N/A		0.9	0.950	0.967	1.017	1.047	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58703642	AM	SOLAR	11.4	N/A		0.9	0.960	0.990	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58693662	AM	SOLAR	13.6	N/A		0.9	0.951	0.981	1.031	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58708178	AM	SOLAR	7.6	N/A		0.9	0.955	0.985	1.035	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58747286	AM	SOLAR	10	N/A		0.9	0.960	0.990	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58706561	AM	SOLAR	5	N/A		0.9	0.960	0.990	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58677688	AM	SOLAR	10	N/A		0.9	0.966	0.986	1.026	1.046	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58747649	AM	SOLAR	11.4	N/A		0.9	0.950	0.965	1.015	1.045	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58690630	AM	SOLAR	7.7	N/A		0.9	0.950	0.967	1.027	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58704733	AM	SOLAR	7.6	N/A		0.9	0.955	0.985	1.035	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58679161	AM	SOLAR	17.6	N/A		0.9	0.960	0.990	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58716705	AM	SOLAR	7.6	N/A		0.9	0.976	0.996	1.036	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58693537	AM	SOLAR	7.6	N/A		0.9	0.956	0.986	1.036	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44

58674580	AM	SOLAR	11.4	N/A		0.9	0.950	0.970	1.030	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58676598	AM	SOLAR	9.6	BATTERY		0.9	0.960	0.990	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58675624	AM	SOLAR	13	N/A		0.9	0.960	0.990	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58710710	AM	SOLAR	11.4	N/A		0.9	0.960	0.990	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58678222	AM	SOLAR	10	N/A		0.9	0.951	0.981	1.031	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58650810	AM	SOLAR	9.84	BATTERY		0.9	0.950	0.976	1.036	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58691330	AM	SOLAR	11.4	N/A		0.9	0.950	0.978	1.038	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58703208	AM	SOLAR	17.6	N/A		0.9	0.952	0.982	1.032	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58688911	AM	SOLAR	10	N/A		0.9	0.950	0.973	1.033	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58700363	AM	SOLAR	10	N/A		0.9	0.972	0.992	1.032	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58694111	AM	SOLAR	6	N/A		0.9	0.950	0.970	1.030	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58740754	AM	SOLAR	12.6	N/A		0.9	0.953	0.983	1.033	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58750551	AM	SOLAR	5	N/A		0.9	0.960	0.990	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58707900	AM	SOLAR	11.4	N/A		0.9	0.958	0.988	1.038	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58693391	AM	SOLAR	3.8	N/A		0.9	0.950	0.977	1.037	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58706594	AM	SOLAR	5	N/A		0.9	0.954	0.984	1.034	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58719294	AM	SOLAR	10	N/A		0.9	0.950	0.971	1.031	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58677628	AM	SOLAR	5	N/A		0.9	0.950	0.980	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58663496	AM	SOLAR	5	N/A		0.9	0.950	0.975	1.035	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58704517	AM	SOLAR	11.4	N/A		0.9	0.960	0.990	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58745495	AM	SOLAR	10	N/A		0.9	0.955	0.975	1.015	1.035	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58713650	AM	SOLAR	10	N/A		0.9	0.960	0.990	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58724886	AM	SOLAR	15.2	N/A		0.9	0.960	0.990	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58694615	AM	SOLAR	7.6	N/A		0.9	0.950	0.966	1.026	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58652848	AM	SOLAR	5	N/A		0.9	0.980	1.000	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58739733	AM	SOLAR	15	N/A		0.9	0.960	0.990	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58698152	AM	SOLAR	3.8	N/A		0.9	0.979	0.999	1.039	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58642603	AM	SOLAR	7.6	N/A		0.9	0.974	0.994	1.034	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58648010	AM	SOLAR	6	N/A		0.9	0.960	0.990	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58652353	AM	SOLAR	5	N/A		0.9	0.950	0.974	1.034	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58659089	AM	SOLAR	6	N/A		0.9	0.957	0.987	1.037	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58713152	AM	SOLAR	7.6	N/A		0.9	0.950	0.966	1.026	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58651567	AM	SOLAR	7.6	N/A		0.9	0.980	1.000	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58631391	AM	SOLAR	19.2	N/A		0.9	0.980	1.000	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58730045	AM	SOLAR	7.6	N/A		0.9	0.950	0.972	1.032	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58698799	AM	SOLAR	7.6	N/A		0.9	0.980	1.000	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58630437	AM	SOLAR	15.2	N/A		0.9	0.950	0.971	1.031	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58692169	AM	SOLAR	10	N/A		0.9	0.960	0.990	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58687815	AM	SOLAR	5	N/A		0.9	0.959	0.989	1.039	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58693478	AM	SOLAR	6	N/A		0.9	0.950	0.967	1.027	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58665763	AM	SOLAR	7.6	N/A		0.9	0.978	0.998	1.038	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58711957	AM	SOLAR	5	N/A		0.9	0.959	0.989	1.039	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58704061	AM	SOLAR	10	N/A		0.9	0.980	1.000	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58690850	AM	SOLAR	5	N/A		0.9	0.952	0.982	1.032	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58703409	AM	SOLAR	7.6	N/A		0.9	0.980	1.000	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58746388	AM	SOLAR	7.6	N/A		0.9	0.960	0.990	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58690088	AM	SOLAR	6	N/A		0.9	0.950	0.965	1.025	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58689511	AM	SOLAR	5	N/A		0.9	0.952	0.982	1.032	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58702294	AM	SOLAR	10	N/A		0.9	0.950	0.963	1.023	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58698022	AM	SOLAR	16	N/A		0.9	0.950	0.975	1.035	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58713617	AM	SOLAR	10	N/A		0.9	0.958	0.988	1.038	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58719751	AM	SOLAR	11.4	N/A		0.9	0.950	0.960	1.010	1.040	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58696527	AM	SOLAR	10	N/A		0.9	0.980	1.000	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58727388	AM	SOLAR	7.6	N/A		0.9	0.950	0.980	1.030	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58596862	AM	SOLAR	7.6	N/A		0.9	0.957	0.987	1.037	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58701005	AM	SOLAR	6	N/A		0.9	0.950	0.976	1.036	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58705616	AM	SOLAR	13.6	N/A		0.9	0.980	1.000	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58697327	AM	SOLAR	11.4	N/A		0.9	0.979	0.999	1.039	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58710277	AM	SOLAR	12.6	N/A		0.9	0.950	0.979	1.039	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58704194	AM	SOLAR	14.4	N/A		0.9	0.960	0.990	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58716542	AM	SOLAR	11.4	N/A		0.9	0.950	0.979	1.039	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58716309	AM	SOLAR	3	N/A		0.9	0.960	0.990	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58708631	AM	SOLAR	3.8	N/A		0.9	0.954	0.984	1.034	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58669487	AM	SOLAR	7.6	N/A		0.9	0.950	0.977	1.037	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58679074	AM	SOLAR	3	N/A		0.9	0.975	0.995	1.035	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58691281	AM	SOLAR	7.6	N/A		0.9	0.960	0.990	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58698843	AM	SOLAR	12	N/A		0.9	0.950	0.979	1.039	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58692226	AM	SOLAR	21.4	N/A		0.9	0.960	0.990	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58721283	AM	SOLAR	16	N/A		0.9	0.980	1.000	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58691089	AM	SOLAR	5	N/A		0.9	0.954	0.984	1.034	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58721162	AM	SOLAR	20	N/A		0.9	0.954	0.984	1.034	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58694360	AM	SOLAR	7.6	N/A		0.9	0.958	0.988	1.038	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58638947	AM	SOLAR	5	N/A		0.9	0.956	0.986	1.036	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58625780	AM	SOLAR	3.8	N/A		0.9	0.980	1.000	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58742488	AM	SOLAR	10	N/A		0.9	0.970	0.990	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58694922	AM	SOLAR	7.6	N/A		0.9	0.960	0.990	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58670805	AM	SOLAR	6	N/A		0.9	0.953	0.983	1.033	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58720292	AM	SOLAR	15.2	N/A		0.9	0.950	0.973	1.033	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58687650	AM	SOLAR	7.6	N/A		0.9	0.956	0.986	1.036	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58649003	AM	SOLAR	7.6	N/A		0.9	0.976	0.996	1.036	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58663741	AM	SOLAR	10	N/A		0.9	0.977	0.997	1.037	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58670969	AM	SOLAR	7.6	N/A		0.9	0.980	1.000	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58691331	AM	SOLAR	11.4	N/A		0.9	0.956	0.986	1.036	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58691358	AM	SOLAR	7.6	N/A		0.9	0.950	0.964	1.024	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58747218	AM	SOLAR	7.6	N/A		0.9	0.970	0.990	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58723803	AM	SOLAR	10	N/A		0.9	0.950	0.973	1.033	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58673527	AM	SOLAR	7.6	N/A		0.9	0.960	0.990	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58688799	AM	SOLAR	6	N/A		0.9	0.974	0.994	1.034	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58749429	AM	SOLAR	3	N/A		0.9	0.959	0.989	1.039	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58676590	AM	SOLAR	10	N/A		0.9	0.965	0.985	1.025	1.045	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58697279	AM	SOLAR	5	N/A		0.9	0.960	0.990	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58750927	AM	SOLAR	7.6	N/A		0.9	0.957	0.987	1.037	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58673574	AM	SOLAR	10	N/A		0.9	0.950	0.960	1.020	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58648236	AM	SOLAR	3.8	N/A		0.9	0.971	0.991	1.031	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44

58692748	AM	SOLAR	10	N/A		0.9	0.950	0.974	1.034	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58645421	AM	SOLAR	10	N/A		0.9	0.950	0.964	1.024	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58638662	AM	SOLAR	10	N/A		0.9	0.950	0.975	1.035	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58621026	AM	SOLAR	10	N/A		0.9	0.950	0.979	1.039	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58704096	AM	SOLAR	13.6	N/A		0.9	0.952	0.982	1.032	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58644593	AM	SOLAR	10	N/A		0.9	0.950	0.976	1.036	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58681991	AM	SOLAR	11.4	N/A		0.9	0.950	0.969	1.029	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58675257	AM	SOLAR	7.6	N/A		0.9	0.960	0.990	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58660512	AM	SOLAR	10	N/A		0.9	0.960	0.990	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58690499	AM	SOLAR	5	N/A		0.9	0.957	0.987	1.037	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58719411	AM	SOLAR	13.6	N/A		0.9	0.960	0.990	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58704353	AM	SOLAR	10	N/A		0.9	0.950	0.973	1.033	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58703802	AM	SOLAR	45.6	N/A		0.9	0.950	0.976	1.036	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58676935	AM	SOLAR	13.6	N/A		0.9	0.960	0.990	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58751928	AM	SOLAR	12.6	N/A		0.9	0.970	0.990	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58669331	AM	SOLAR	7.6	N/A		0.9	0.950	0.966	1.026	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58645751	AM	SOLAR	13.6	N/A		0.9	0.952	0.982	1.032	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58744508	AM	SOLAR	15	BATTERY		0.9	0.950	0.965	1.025	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58650437	AM	SOLAR	7.6	N/A		0.9	0.980	1.000	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58683415	AM	SOLAR	7.6	N/A		0.9	0.950	0.967	1.027	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58721989	AM	SOLAR	11.4	N/A		0.9	0.950	0.966	1.026	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58734502	AM	SOLAR	7.6	N/A		0.9	0.970	0.990	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58703997	AM	SOLAR	5	N/A		0.9	0.950	0.979	1.039	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58691599	AM	SOLAR	13.6	N/A		0.9	0.980	1.000	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58717187	AM	SOLAR	7.6	N/A		0.9	0.950	0.977	1.037	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58677744	AM	SOLAR	12.6	N/A		0.9	0.950	0.963	1.023	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58692245	AM	SOLAR	10	N/A		0.9	0.950	0.971	1.031	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58711821	AM	SOLAR	22.8	N/A		0.9	0.950	0.960	1.010	1.040	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58694171	AM	SOLAR	22.8	N/A		0.9	0.950	0.974	1.034	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58697129	AM	SOLAR	16	N/A		0.9	0.980	1.000	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58726111	AM	SOLAR	6	N/A		0.9	0.960	0.990	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58659079	AM	SOLAR	10	N/A		0.9	0.950	0.973	1.033	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58698161	AM	SOLAR	3	N/A		0.9	0.980	1.000	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58695365	AM	SOLAR	8.64	N/A		0.9	0.960	0.990	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58735755	AM	SOLAR	5	N/A		0.9	0.970	0.990	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58663743	AM	SOLAR	11.4	N/A		0.9	0.950	0.966	1.026	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58674271	AM	SOLAR	13.6	N/A		0.9	0.950	0.978	1.038	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58706723	AM	SOLAR	15.2	N/A		0.9	0.950	0.960	1.010	1.040	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58691525	AM	SOLAR	10	N/A		0.9	0.955	0.985	1.035	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58717977	AM	SOLAR	3.8	N/A		0.9	0.952	0.982	1.032	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58717978	AM	SOLAR	10	N/A		0.9	0.951	0.981	1.031	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58692506	AM	SOLAR	6	N/A		0.9	0.980	1.000	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58689330	AM	SOLAR	11.4	N/A		0.9	0.951	0.981	1.031	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58723236	AM	SOLAR	12	N/A		0.9	0.950	0.960	1.010	1.040	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58703632	AM	SOLAR	7.6	N/A		0.9	0.955	0.985	1.035	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58703136	AM	SOLAR	7.6	N/A		0.9	0.950	0.976	1.036	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58711126	AM	SOLAR	15.2	BATTERY		0.9	0.950	0.966	1.026	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58704663	AM	SOLAR	13	N/A		0.9	0.960	0.990	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58616411	AM	SOLAR	6	N/A		0.9	0.950	0.976	1.036	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58745976	AM	SOLAR	11.4	N/A		0.9	0.950	0.965	1.025	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58705706	AM	SOLAR	16.4	N/A		0.9	0.950	0.966	1.026	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58709543	AM	SOLAR	3.8	N/A		0.9	0.974	0.994	1.034	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58718771	AM	SOLAR	17.4	N/A		0.9	0.951	0.981	1.031	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58649085	AM	SOLAR	7.6	N/A		0.9	0.950	0.978	1.038	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58712276	AM	SOLAR	7.6	N/A		0.9	0.959	0.989	1.039	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58704026	AM	SOLAR	11.4	N/A		0.9	0.950	0.974	1.034	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58715985	AM	SOLAR	5	N/A		0.9	0.980	1.000	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58703328	AM	SOLAR	3.8	N/A		0.9	0.950	0.970	1.030	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58642931	AM	SOLAR	6	N/A		0.9	0.958	0.988	1.038	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58723489	AM	SOLAR	19	N/A		0.9	0.960	0.990	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58679094	AM	SOLAR	5	N/A		0.9	0.964	0.984	1.024	1.044	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58636839	AM	SOLAR	11.4	N/A		0.9	0.950	0.972	1.032	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58716552	AM	SOLAR	7.6	N/A		0.9	0.950	0.969	1.029	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58744797	AM	SOLAR	10	N/A		0.9	0.957	0.987	1.037	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58660418	AM	SOLAR	19	N/A		0.9	0.950	0.966	1.026	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58696545	AM	SOLAR	6	N/A		0.9	0.977	0.997	1.037	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58697843	AM	SOLAR	14.4	N/A		0.9	0.976	0.996	1.036	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58697798	AM	SOLAR	7.6	N/A		0.9	0.960	0.990	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58692222	AM	SOLAR	6	N/A		0.9	0.950	0.960	1.010	1.040	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58703817	AM	SOLAR	11.4	N/A		0.9	0.953	0.983	1.033	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58701089	AM	SOLAR	5	N/A		0.9	0.960	0.990	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58707887	AM	SOLAR	10	N/A		0.9	0.950	0.978	1.038	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58675614	AM	SOLAR	11.4	N/A		0.9	0.974	0.994	1.034	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58712806	AM	SOLAR	12	N/A		0.9	0.950	0.969	1.009	1.029	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58698151	AM	SOLAR	6	N/A		0.9	0.950	0.980	1.030	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58694416	AM	SOLAR	10	N/A		0.9	0.965	0.985	1.025	1.045	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58691943	AM	SOLAR	5	N/A		0.9	0.959	0.989	1.039	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58709769	AM	SOLAR	10	N/A		0.9	0.950	0.966	1.026	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58691876	AM	SOLAR	10	N/A		0.9	0.974	0.994	1.034	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58705809	AM	SOLAR	7.6	N/A		0.9	0.960	0.990	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58670084	AM	SOLAR	10	N/A		0.9	0.966	0.980	1.026	1.046	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58699055	AM	SOLAR	10	N/A		0.9	0.950	0.979	1.039	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58713769	AM	SOLAR	15.2	N/A		0.9	0.950	0.971	1.031	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58744973	AM	SOLAR	10	N/A		0.9	0.950	0.972	1.032	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58660710	AM	SOLAR	10	N/A		0.9	0.960	0.990	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58692082	AM	SOLAR	11.4	N/A		0.9	0.950	0.969	1.029	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58697877	AM	SOLAR	7.6	N/A		0.9	0.952	0.982	1.032	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58699179	AM	SOLAR	13	N/A		0.9	0.952	0.982	1.032	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58705590	AM	SOLAR	6	N/A		0.9	0.950	0.976	1.036	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58714273	AM	SOLAR	11.4	N/A		0.9	0.978	0.998	1.038	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58683499	AM	SOLAR	13.6	N/A		0.9	0.950	0.978	1.038	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58682087	AM	SOLAR	13.6	N/A		0.9	0.950	0.971	1.031	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58710989	AM	SOLAR	11.4	N/A		0.9	0.970	0.990	1.030	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58709130	AM	SOLAR	10	N/A		0.9	0.950	0.973	1.033	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44

58704931	AM	SOLAR	7.6	N/A		0.9	0.960	0.990	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58697806	AM	SOLAR	7.6	N/A		0.9	0.973	0.993	1.033	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58689016	AM	SOLAR	7.6	N/A		0.9	0.960	0.990	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58701473	AM	SOLAR	11.4	N/A		0.9	0.980	1.000	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58641349	AM	SOLAR	7.6	BATTERY		0.9	0.956	0.986	1.036	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58678237	AM	SOLAR	20	N/A		0.9	0.951	0.981	1.031	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58719306	AM	SOLAR	10	N/A		0.9	0.950	0.963	1.023	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58679013	AM	SOLAR	13	N/A		0.9	0.960	0.990	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58706697	AM	SOLAR	5	N/A		0.9	0.950	0.965	1.025	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58748438	AM	SOLAR	10	N/A		0.9	0.955	0.985	1.035	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58689468	AM	SOLAR	7.6	N/A		0.9	0.959	0.989	1.039	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58692259	AM	SOLAR	11.4	N/A		0.9	0.957	0.987	1.037	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58640015	AM	SOLAR	9.8	N/A		0.9	0.954	0.984	1.034	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58641115	AM	SOLAR	6	N/A		0.9	0.950	0.966	1.016	1.046	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58745276	AM	SOLAR	14.4	N/A		0.9	0.955	0.985	1.035	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58712013	AM	SOLAR	10	N/A		0.9	0.975	0.995	1.035	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58704428	AM	SOLAR	7.6	N/A		0.9	0.960	0.990	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58678243	AM	SOLAR	11.4	N/A		0.9	0.965	1.047	0.97	1.052	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58701466	AM	SOLAR	15.2	N/A		0.9	0.960	0.990	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58711644	AM	SOLAR	21.4	N/A		0.9	0.953	0.983	1.033	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58706404	AM	SOLAR	6	N/A		0.9	0.950	0.977	1.037	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58689088	AM	SOLAR	6	N/A		0.9	0.950	0.960	1.010	1.040	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58712137	AM	SOLAR	6	N/A		0.9	0.963	0.983	1.023	1.043	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58752665	AM	SOLAR	11.4	N/A		0.9	0.950	0.979	1.039	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58648195	AM	SOLAR	7.6	N/A		0.9	0.958	0.988	1.038	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58704033	AM	SOLAR	10	N/A		0.9	0.980	1.000	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58717136	AM	SOLAR	15	N/A		0.9	0.950	0.960	1.020	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58675151	AM	SOLAR	6	N/A		0.9	0.950	0.979	1.039	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58740128	AM	SOLAR	7.6	N/A		0.9	0.960	0.990	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58621993	AM	SOLAR	7.6	N/A		0.9	0.950	0.972	1.032	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58636826	AM	SOLAR	7.6	N/A		0.9	0.950	0.978	1.038	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58750960	AM	SOLAR	11.4	N/A		0.9	0.970	0.990	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58699696	AM	SOLAR	6	N/A		0.9	0.980	1.000	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58639085	AM	SOLAR	6	N/A		0.9	0.960	0.990	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58717938	AM	SOLAR	10	N/A		0.9	0.950	0.975	1.035	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58695154	AM	SOLAR	5	N/A		0.9	0.980	1.000	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58641138	AM	SOLAR	11.4	N/A		0.9	0.950	0.975	1.035	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58696623	AM	SOLAR	10	N/A		0.9	0.973	0.993	1.033	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58742962	AM	SOLAR	3.8	N/A		0.9	0.950	0.974	1.034	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58698034	AM	SOLAR	10	N/A		0.9	0.956	0.986	1.036	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58708538	AM	SOLAR	10	N/A		0.9	0.957	0.987	1.037	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58719729	AM	SOLAR	10	N/A		0.9	0.950	0.979	1.039	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58692430	AM	SOLAR	10	N/A		0.9	0.960	0.990	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58645499	AM	SOLAR	10	N/A		0.9	0.950	0.977	1.037	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58706370	AM	SOLAR	12	N/A		0.9	0.950	0.961	1.021	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58720103	AM	SOLAR	7.6	N/A		0.9	0.950	0.966	1.026	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58666708	AM	SOLAR	20	N/A		0.9	0.950	0.969	1.029	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58675039	AM	SOLAR	11.4	N/A		0.9	0.960	0.990	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58703794	AM	SOLAR	21.4	N/A		0.9	0.955	0.985	1.035	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58740050	AM	SOLAR	7.6	N/A		0.9	0.960	0.990	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58650617	AM	SOLAR	11.4	N/A		0.9	0.980	1.000	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58715439	AM	SOLAR	13.6	N/A		0.9	0.950	0.975	1.035	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58688772	AM	SOLAR	7.6	N/A		0.9	0.950	0.970	1.020	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58690807	AM	SOLAR	5	N/A		0.9	0.957	0.987	1.037	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58674319	AM	SOLAR	11.4	N/A		0.9	0.956	0.986	1.036	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58728606	AM	SOLAR	5	N/A		0.9	0.970	0.990	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58678527	AM	SOLAR	7.6	BATTERY		0.9	0.960	0.990	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58717746	AM	SOLAR	10	N/A		0.9	0.960	0.990	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58721446	AM	SOLAR	3.8	N/A		0.9	0.963	0.983	1.023	1.043	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58703875	AM	SOLAR	13.6	N/A		0.9	0.960	0.990	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58712014	AM	SOLAR	7.6	N/A		0.9	0.950	0.967	1.027	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58669382	AM	SOLAR	10	N/A		0.9	0.958	0.988	1.038	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58691167	AM	SOLAR	11.4	N/A		0.9	0.952	0.982	1.032	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58739692	AM	SOLAR	27.4	N/A		0.9	0.950	0.973	1.033	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58701743	AM	SOLAR	10	N/A		0.9	0.980	1.000	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58700797	AM	SOLAR	10	N/A		0.9	0.951	0.981	1.031	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58708313	AM	SOLAR	13.6	N/A		0.9	0.956	0.986	1.036	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58717478	AM	SOLAR	7.6	N/A		0.9	0.977	0.997	1.037	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58710257	AM	SOLAR	15	BATTERY		0.9	0.954	0.984	1.034	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58723910	AM	SOLAR	10	N/A		0.9	0.957	0.987	1.037	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58696444	AM	SOLAR	6	N/A		0.9	0.950	0.977	1.037	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58707882	AM	SOLAR	5	N/A		0.9	0.950	0.977	1.037	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58690421	AM	SOLAR	10	N/A		0.9	0.950	0.962	1.022	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58657460	AM	SOLAR	7.6	N/A		0.9	0.954	0.984	1.034	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58679062	AM	SOLAR	7.6	N/A		0.9	0.955	0.975	1.015	1.035	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58726764	AM	SOLAR	5	N/A		0.9	0.960	0.990	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58683040	AM	SOLAR	16	N/A		0.9	0.950	0.980	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58640785	AM	SOLAR	5	N/A		0.9	0.960	0.990	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58621758	AM	SOLAR	11.4	N/A		0.9	0.950	0.974	1.034	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58734772	AM	SOLAR	5	N/A		0.9	0.970	0.990	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58711090	AM	SOLAR	15.2	N/A		0.9	0.950	0.966	1.026	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58694350	AM	SOLAR	10	N/A		0.9	0.950	0.976	1.036	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58696499	AM	SOLAR	10	N/A		0.9	0.980	1.000	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58722988	AM	SOLAR	21.4	N/A		0.9	0.956	0.986	1.036	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58694816	AM	SOLAR	13.44	N/A		0.9	0.980	1.000	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58682756	AM	SOLAR	6	N/A		0.9	0.950	0.971	1.031	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58701155	AM	SOLAR	7.6	N/A		0.9	0.960	0.990	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58678348	AM	SOLAR	17.6	N/A		0.9	0.950	0.962	1.022	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58697945	AM	SOLAR	7.6	N/A		0.9	0.960	0.990	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58651492	AM	SOLAR	11	N/A		0.9	0.958	0.988	1.038	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58622292	AM	SOLAR	7.6	N/A		0.9	0.950	0.978	1.038	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58694930	AM	SOLAR	6	N/A		0.9	0.955	0.985	1.035	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58669496	AM	SOLAR	10	N/A		0.9	0.960	0.990	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58647593	AM	SOLAR	11.4	N/A		0.9	0.953	0.983	1.033	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44

58701138	AM	SOLAR	16.4	N/A		0.9	0.950	0.976	1.036	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58701893	AM	SOLAR	5	N/A		0.9	0.950	0.964	1.024	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58725708	AM	SOLAR	7.6	N/A		0.9	0.956	0.986	1.036	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58693963	AM	SOLAR	5	N/A		0.9	0.959	0.989	1.039	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58672658	AM	SOLAR	6	N/A		0.9	0.960	0.990	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58743454	AM	SOLAR	5	N/A		0.9	0.961	0.981	1.021	1.041	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58699162	AM	SOLAR	10	N/A		0.9	0.960	0.990	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58675199	AM	SOLAR	19	N/A		0.9	0.950	0.971	1.031	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58681385	AM	SOLAR	10	N/A		0.9	0.980	1.000	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58713879	AM	SOLAR	14.4	N/A		0.9	0.975	0.995	1.035	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58713477	AM	SOLAR	15.2	N/A		0.9	0.950	0.969	1.029	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58670892	AM	SOLAR	6	N/A		0.9	0.980	1.000	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58697223	AM	SOLAR	17.6	N/A		0.9	0.980	1.000	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58750499	AM	SOLAR	10	N/A		0.9	0.960	0.990	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58691393	AM	SOLAR	5	N/A		0.9	0.959	0.989	1.039	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58697193	AM	SOLAR	10	N/A		0.9	0.971	0.991	1.031	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58625538	AM	SOLAR	5	N/A		0.9	0.973	0.993	1.033	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58664831	AM	SOLAR	5	N/A		0.9	0.967	0.987	1.027	1.047	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58690804	AM	SOLAR	3.8	N/A		0.9	0.956	0.986	1.036	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58699619	AM	SOLAR	7.6	N/A		0.9	0.951	0.981	1.031	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58705999	AM	SOLAR	7.6	N/A		0.9	0.950	0.976	1.036	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58644240	AM	SOLAR	11.4	N/A		0.9	0.974	0.994	1.034	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58699531	AM	SOLAR	6	N/A		0.9	0.975	0.995	1.035	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58724907	AM	SOLAR	7.6	N/A		0.9	0.951	0.981	1.031	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58745505	AM	SOLAR	11.4	N/A		0.9	0.958	0.988	1.038	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58626718	AM	SOLAR	3.84	BATTERY		0.9	0.958	0.988	1.038	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58655157	AM	SOLAR	10	N/A		0.9	0.950	0.967	1.027	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58647555	AM	SOLAR	10	N/A		0.9	0.957	0.987	1.037	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58747596	AM	SOLAR	7.6	N/A		0.9	0.955	0.985	1.035	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58621840	AM	SOLAR	3.8	N/A		0.9	0.950	0.980	1.030	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58661369	AM	SOLAR	7.6	BATTERY		0.9	0.980	1.000	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58713119	AM	SOLAR	10	N/A		0.9	0.976	0.996	1.036	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58661597	AM	SOLAR	8	N/A		0.9	0.959	0.989	1.039	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58711077	AM	SOLAR	5	N/A		0.9	0.960	0.990	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58708502	AM	SOLAR	22.8	N/A		0.9	0.950	0.970	1.030	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58725543	AM	SOLAR	17.4	N/A		0.9	0.960	0.990	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58712834	AM	SOLAR	11.4	N/A		0.9	0.960	0.980	1.020	1.040	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58740529	AM	SOLAR	15	N/A		0.9	0.960	0.990	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58695425	AM	SOLAR	7.6	N/A		0.9	0.951	0.981	1.031	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58709990	AM	SOLAR	11.4	N/A		0.9	0.955	0.985	1.035	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58710968	AM	SOLAR	10	N/A		0.9	0.960	0.990	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58727216	AM	SOLAR	12	N/A		0.9	0.960	0.990	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58719832	AM	SOLAR	11.4	N/A		0.9	0.974	0.994	1.034	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58675256	AM	SOLAR	5	N/A		0.9	0.950	0.963	1.023	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58675265	AM	SOLAR	7.6	N/A		0.9	0.950	0.979	1.039	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58723187	AM	SOLAR	11.4	N/A		0.9	0.955	0.985	1.035	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58698942	AM	SOLAR	3.8	N/A		0.9	0.960	0.990	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58683433	AM	SOLAR	5	N/A		0.9	0.980	1.000	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58750576	AM	SOLAR	10	N/A		0.9	0.960	0.990	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58707011	AM	SOLAR	5	N/A		0.9	0.960	0.990	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58704812	AM	SOLAR	19	N/A		0.9	0.950	0.962	1.012	1.042	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58637027	AM	SOLAR	7.6	N/A		0.9	0.980	1.000	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58690530	AM	SOLAR	7.6	N/A		0.9	0.950	0.964	1.024	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58713645	AM	SOLAR	10	N/A		0.9	0.960	0.990	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58672390	AM	SOLAR	3.8	N/A		0.9	0.950	0.962	1.022	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58704166	AM	SOLAR	45.6	N/A		0.9	0.955	0.985	1.035	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58694994	AM	SOLAR	5	N/A		0.9	0.950	0.973	1.033	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58715125	AM	SOLAR	3	N/A		0.9	0.950	0.974	1.034	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58670357	AM	SOLAR	7.6	N/A		0.9	0.950	0.979	1.030	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58692820	AM	SOLAR	10	N/A		0.9	0.950	0.965	1.025	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58692753	AM	SOLAR	10	N/A		0.9	0.960	0.990	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58704073	AM	SOLAR	7.6	N/A		0.9	0.955	0.985	1.035	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58719462	AM	SOLAR	10	BATTERY		0.9	0.950	0.966	1.016	1.046	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58745406	AM	SOLAR	16	N/A		0.9	0.950	0.973	1.033	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58671216	AM	SOLAR	7.6	N/A		0.9	0.980	1.000	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58703949	AM	SOLAR	3.8	N/A		0.9	0.974	0.994	1.034	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58643764	AM	SOLAR	16	N/A		0.9	0.968	0.988	1.028	1.048	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58658565	AM	SOLAR	14.4	N/A		0.9	0.950	0.964	1.024	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58621386	AM	SOLAR	6	N/A		0.9	0.973	0.993	1.033	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58726240	AM	SOLAR	7.6	N/A		0.9	0.960	0.990	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58718756	AM	SOLAR	10	N/A		0.9	0.950	0.977	1.037	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58644062	AM	SOLAR	11.4	N/A		0.9	0.976	0.996	1.036	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58712664	AM	SOLAR	13	N/A		0.9	0.950	0.976	1.036	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58704653	AM	SOLAR	10	N/A		0.9	0.956	0.986	1.036	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58657273	AM	SOLAR	10	N/A		0.9	0.958	0.988	1.038	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58716224	AM	SOLAR	6	N/A		0.9	0.960	0.990	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58713658	AM	SOLAR	7.6	N/A		0.9	0.950	0.980	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58626044	AM	SOLAR	13.6	N/A		0.9	0.950	0.979	1.039	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58724712	AM	SOLAR	10	N/A		0.9	0.980	1.000	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58737777	AM	SOLAR	10	N/A		0.9	0.970	0.990	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58646828	AM	SOLAR	15.2	N/A		0.9	0.950	0.961	1.021	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58680676	AM	SOLAR	15.2	N/A		0.9	0.951	0.981	1.031	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58726277	AM	SOLAR	7.6	N/A		0.9	0.960	0.990	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58648144	AM	SOLAR	11.4	N/A		0.9	0.950	0.972	1.032	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58688061	AM	SOLAR	19.2	N/A		0.9	0.950	0.977	1.037	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58699723	AM	SOLAR	20	N/A		0.9	0.950	0.961	1.011	1.041	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58674272	AM	SOLAR	11.4	N/A		0.9	0.953	0.983	1.033	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58706487	AM	SOLAR	10	N/A		0.9	0.952	0.982	1.032	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58694895	AM	SOLAR	11.4	N/A		0.9	0.950	0.978	1.038	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58749388	AM	SOLAR	10	N/A		0.9	0.960	0.990	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58644628	AM	SOLAR	10	BATTERY		0.9	0.950	0.960	1.010	1.040	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58699972	AM	SOLAR	6	N/A		0.9	0.950	0.980	1.030	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58691351	AM	SOLAR	6	N/A		0.9	0.960	0.990	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58751555	AM	SOLAR	5	N/A		0.9	0.967	0.987	1.037	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44

58721502	AM	SOLAR	15	N/A		0.9	0.950	0.970	1.020	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58688537	AM	SOLAR	6	N/A		0.9	0.953	0.983	1.033	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58699426	AM	SOLAR	10	N/A		0.9	0.956	0.986	1.036	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58749385	AM	SOLAR	6	N/A		0.9	0.970	0.990	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58646361	AM	SOLAR	5	N/A		0.9	0.950	0.978	1.038	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58612804	AM	SOLAR	10	N/A		0.9	0.960	0.990	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58735488	AM	SOLAR	13.6	N/A		0.9	0.960	0.990	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58729285	AM	SOLAR	21.4	N/A		0.9	0.959	0.989	1.039	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58718829	AM	SOLAR	10	N/A		0.9	0.960	0.990	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58703587	AM	SOLAR	30	N/A		0.9	0.950	0.967	1.027	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58748658	AM	SOLAR	7.6	N/A		0.9	0.960	0.990	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58711228	AM	SOLAR	7.6	N/A		0.9	0.951	0.981	1.031	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58700902	AM	SOLAR	10	N/A		0.9	0.953	0.983	1.033	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58704646	AM	SOLAR	20	N/A		0.9	0.950	0.979	1.039	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58680856	AM	SOLAR	7.6	N/A		0.9	0.980	1.000	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58712184	AM	SOLAR	25	N/A		0.9	0.957	0.987	1.037	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58678864	AM	SOLAR	15.2	N/A		0.9	0.959	0.989	1.039	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58750249	AM	SOLAR	6	N/A		0.9	0.960	0.990	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58727420	AM	SOLAR	6	N/A		0.9	0.960	0.990	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58647438	AM	SOLAR	10	N/A		0.9	0.950	0.973	1.033	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58702830	AM	SOLAR	16	N/A		0.9	0.952	0.982	1.032	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58707096	AM	SOLAR	12	N/A		0.9	0.950	0.977	1.037	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58666448	AM	SOLAR	10	N/A		0.9	0.959	0.989	1.039	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58690326	AM	SOLAR	10	N/A		0.9	0.963	0.983	1.023	1.043	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58721603	AM	SOLAR	12	N/A		0.9	0.980	1.000	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58688976	AM	SOLAR	7.6	BATTERY		0.9	0.958	0.988	1.038	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58742301	AM	SOLAR	3.8	N/A		0.9	0.960	0.990	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58698018	AM	SOLAR	15.2	BATTERY		0.9	0.960	0.990	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58706659	AM	SOLAR	11.4	N/A		0.9	0.960	0.990	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58719654	AM	SOLAR	7.6	N/A		0.9	0.968	0.988	1.028	1.048	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58675937	AM	SOLAR	6	N/A		0.9	0.980	1.000	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58745647	AM	SOLAR	5	N/A		0.9	0.980	1.000	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58733699	AM	SOLAR	5	N/A		0.9	0.959	0.989	1.039	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58725962	AM	SOLAR	5	N/A		0.9	0.950	0.978	1.038	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58632186	AM	SOLAR	6	N/A		0.9	0.960	0.990	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58674338	AM	SOLAR	13.8	N/A		0.9	0.950	0.977	1.037	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58642916	AM	SOLAR	5	N/A		0.9	0.950	0.971	1.031	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58706735	AM	SOLAR	16.4	N/A		0.9	0.955	0.985	1.035	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58616290	AM	SOLAR	10	N/A		0.9	0.960	0.990	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58700807	AM	SOLAR	19	N/A		0.9	0.950	0.975	1.035	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58726841	AM	SOLAR	7.6	N/A		0.9	0.955	0.985	1.035	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58714530	AM	SOLAR	6	N/A		0.9	0.950	0.978	1.038	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58746938	AM	SOLAR	10	N/A		0.9	0.958	0.988	1.038	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58706709	AM	SOLAR	5	N/A		0.9	0.950	0.976	1.036	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58728112	AM	SOLAR	7.6	N/A		0.9	0.957	0.987	1.037	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58698257	AM	SOLAR	11.4	N/A		0.9	0.950	0.969	1.029	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58680159	AM	SOLAR	10	N/A		0.9	0.950	0.962	1.012	1.042	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58713759	AM	SOLAR	10	N/A		0.9	0.950	0.977	1.037	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58652967	AM	SOLAR	10	N/A		0.9	0.950	0.968	1.028	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58719803	AM	SOLAR	7.6	N/A		0.9	0.980	1.000	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58700866	AM	SOLAR	5	N/A		0.9	0.964	0.984	1.024	1.044	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58703872	AM	SOLAR	5	N/A		0.9	0.980	1.000	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58651087	AM	SOLAR	10	N/A		0.9	0.960	0.990	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58637537	AM	SOLAR	22.8	N/A		0.9	0.960	0.990	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58709777	AM	SOLAR	10	N/A		0.9	0.972	0.992	1.032	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58715992	AM	SOLAR	3.8	N/A		0.9	0.955	0.985	1.035	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58745438	AM	SOLAR	7.6	N/A		0.9	0.970	0.990	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58712651	AM	SOLAR	7.6	N/A		0.9	0.950	0.977	1.037	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58715591	AM	SOLAR	11.4	N/A		0.9	0.980	1.000	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58699148	AM	SOLAR	6	N/A		0.9	0.963	0.983	1.023	1.043	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58682764	AM	SOLAR	7.6	N/A		0.9	0.950	0.967	1.027	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58695387	AM	SOLAR	13.6	N/A		0.9	0.954	0.984	1.034	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58653609	AM	SOLAR	7.6	N/A		0.9	0.966	0.986	1.026	1.046	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58652142	AM	SOLAR	3.8	N/A		0.9	0.950	0.968	1.028	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58718202	AM	SOLAR	11.4	N/A		0.9	0.950	0.980	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58700888	AM	SOLAR	10	N/A		0.9	0.950	0.978	1.038	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58602402	AM	SOLAR	7.68	N/A		0.9	0.950	0.975	1.035	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58734895	AM	SOLAR	5	N/A		0.9	0.955	0.975	1.015	1.035	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58712754	AM	SOLAR	7.6	N/A		0.9	0.951	0.981	1.031	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58666257	AM	SOLAR	5	N/A		0.9	0.950	0.976	1.036	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58700116	AM	SOLAR	10	N/A		0.9	0.950	0.976	1.036	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58718267	AM	SOLAR	6	N/A		0.9	0.960	0.990	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58713179	AM	SOLAR	10	N/A		0.9	0.954	0.984	1.034	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58704364	AM	SOLAR	3	N/A		0.9	0.968	0.988	1.028	1.048	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58745264	AM	SOLAR	3	N/A		0.9	0.960	0.990	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58703546	AM	SOLAR	5	N/A		0.9	0.974	0.994	1.034	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58657695	AM	SOLAR	11.4	N/A		0.9	0.980	1.000	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58679343	AM	SOLAR	12	N/A		0.9	0.973	0.993	1.033	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58720044	AM	SOLAR	7.6	N/A		0.9	0.976	0.996	1.036	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58714304	AM	SOLAR	6	N/A		0.9	0.960	0.990	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58634025	AM	SOLAR	6	N/A		0.9	0.980	1.000	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58660027	AM	SOLAR	12	N/A		0.9	0.950	0.966	1.016	1.046	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58697578	AM	SOLAR	5	N/A		0.9	0.950	0.975	1.035	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58648371	AM	SOLAR	12.6	N/A		0.9	0.950	0.978	1.038	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58743174	AM	SOLAR	7.6	N/A		0.9	0.955	0.985	1.035	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58689801	AM	SOLAR	13	N/A		0.9	0.950	0.970	1.030	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58744126	AM	SOLAR	7.6	N/A		0.9	0.950	0.971	1.031	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58646596	AM	SOLAR	6	N/A		0.9	0.950	0.970	1.020	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58703645	AM	SOLAR	13.6	N/A		0.9	0.954	0.984	1.034	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58664637	AM	SOLAR	6	N/A		0.9	0.950	0.965	1.025	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58720356	AM	SOLAR	5	N/A		0.9	0.965	0.985	1.025	1.045	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58689338	AM	SOLAR	10	N/A		0.9	0.950	0.968	1.028	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58721053	AM	SOLAR	13	N/A		0.9	0.960	0.990	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58717234	AM	SOLAR	16.4	N/A		0.9	0.960	0.990	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44

58694881	AM	SOLAR	11.4	N/A		0.9	0.950	0.974	1.034	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58652224	AM	SOLAR	11.4	N/A		0.9	0.953	0.983	1.033	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58651650	AM	SOLAR	3.3	N/A		0.9	0.950	0.977	1.037	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58666268	AM	SOLAR	10	N/A		0.9	0.960	0.990	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58678619	AM	SOLAR	6	N/A		0.9	0.952	0.982	1.032	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58724702	AM	SOLAR	7.6	N/A		0.9	0.950	0.969	1.019	1.049	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58668522	AM	SOLAR	5	N/A		0.9	0.972	0.992	1.032	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58671246	AM	SOLAR	10	N/A		0.9	0.958	0.988	1.038	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58730666	AM	SOLAR	10	N/A		0.9	0.950	0.965	1.025	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58633096	AM	SOLAR	7.6	N/A		0.9	0.980	1.000	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58670430	AM	SOLAR	7.68	N/A		0.9	0.951	0.981	1.031	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58752869	AM	SOLAR	7.6	N/A		0.9	0.960	0.990	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58723783	AM	SOLAR	7.6	N/A		0.9	0.971	0.991	1.031	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58707160	AM	SOLAR	7.6	N/A		0.9	0.950	0.963	1.023	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58696887	AM	SOLAR	5	N/A		0.9	0.979	0.999	1.039	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58708529	AM	SOLAR	6	N/A		0.9	0.958	0.978	1.018	1.038	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58630387	AM	SOLAR	15.2	N/A		0.9	0.950	0.973	1.033	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58682828	AM	SOLAR	6	N/A		0.9	0.953	0.983	1.033	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58711118	AM	SOLAR	11.4	N/A		0.9	0.950	0.974	1.034	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58700421	AM	SOLAR	11.4	N/A		0.9	0.950	0.980	1.030	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58740562	AM	SOLAR	7.68	N/A		0.9	0.970	0.990	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58719708	AM	SOLAR	16	N/A		0.9	0.950	0.962	1.012	1.042	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58717618	AM	SOLAR	3.8	N/A		0.9	0.950	0.964	1.024	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58716646	AM	SOLAR	7.6	N/A		0.9	0.978	0.998	1.038	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58644000	AM	SOLAR	10	N/A		0.9	0.954	0.984	1.034	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58719721	AM	SOLAR	5	N/A		0.9	0.980	1.000	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58714248	AM	SOLAR	13.6	N/A		0.9	0.952	0.982	1.032	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58669217	AM	SOLAR	7.6	N/A		0.9	0.955	0.985	1.035	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58708939	AM	SOLAR	15.2	N/A		0.9	0.958	0.988	1.038	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58693363	AM	SOLAR	14.4	N/A		0.9	0.960	0.990	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58750981	AM	SOLAR	7.6	N/A		0.9	0.950	0.980	1.030	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58701837	AM	SOLAR	5	N/A		0.9	0.950	0.973	1.033	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58661660	AM	SOLAR	11.4	N/A		0.9	0.960	0.990	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58704651	AM	SOLAR	10	N/A		0.9	0.974	0.994	1.034	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58696508	AM	SOLAR	13.6	N/A		0.9	0.980	1.000	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58666203	AM	SOLAR	11.4	N/A		0.9	0.960	0.990	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58696550	AM	SOLAR	7.6	N/A		0.9	0.978	0.998	1.038	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58715943	AM	SOLAR	10	N/A		0.9	0.950	0.964	1.024	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58711123	AM	SOLAR	5	N/A		0.9	0.957	0.987	1.037	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58649110	AM	SOLAR	5	N/A		0.9	0.974	0.994	1.034	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58711878	AM	SOLAR	7.6	N/A		0.9	0.968	0.988	1.028	1.048	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58697828	AM	SOLAR	5	N/A		0.9	0.950	0.979	1.039	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58682141	AM	SOLAR	7.6	N/A		0.9	0.952	0.982	1.032	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58703622	AM	SOLAR	17.4	N/A		0.9	0.955	0.985	1.035	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58671449	AM	SOLAR	15.2	N/A		0.9	0.950	0.980	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58673802	AM	SOLAR	6	N/A		0.9	0.960	0.990	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58654965	AM	SOLAR	3.8	N/A		0.9	0.966	0.986	1.026	1.046	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58716468	AM	SOLAR	6	N/A		0.9	0.967	0.987	1.027	1.047	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58700617	AM	SOLAR	5	N/A		0.9	0.954	0.984	1.034	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58672060	AM	SOLAR	10	N/A		0.9	0.950	0.980	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58709515	AM	SOLAR	10	N/A		0.9	0.965	0.985	1.025	1.045	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58743265	AM	SOLAR	10	N/A		0.9	0.960	0.990	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58668472	AM	SOLAR	3.8	N/A		0.9	0.963	0.983	1.023	1.043	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58736619	AM	SOLAR	3.8	N/A		0.9	0.963	0.983	1.033	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58630464	AM	SOLAR	6	N/A		0.9	0.950	0.960	1.010	1.040	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58627084	AM	SOLAR	10	N/A		0.9	0.980	1.000	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58703423	AM	SOLAR	6	N/A		0.9	0.950	0.973	1.033	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58695288	AM	SOLAR	3	N/A		0.9	0.950	0.980	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58720226	AM	SOLAR	7.6	N/A		0.9	0.980	1.000	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58694761	AM	SOLAR	7.6	N/A		0.9	0.980	1.000	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58740259	AM	SOLAR	7.6	N/A		0.9	0.970	0.990	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58689421	AM	SOLAR	6	N/A		0.9	0.960	0.990	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58670696	AM	SOLAR	7.6	N/A		0.9	0.950	0.976	1.036	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58657322	AM	SOLAR	10	N/A		0.9	0.953	0.983	1.033	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58703062	AM	SOLAR	10	N/A		0.9	0.954	0.984	1.034	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58694963	AM	SOLAR	7.6	N/A		0.9	0.950	0.980	1.030	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58678547	AM	SOLAR	13	N/A		0.9	0.957	0.987	1.037	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58742891	AM	SOLAR	19	N/A		0.9	0.950	0.975	1.035	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58678492	AM	SOLAR	5	N/A		0.9	0.950	0.976	1.036	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58614109	AM	SOLAR	6	N/A		0.9	0.973	0.993	1.033	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58725815	AM	SOLAR	17.4	N/A		0.9	0.960	0.990	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58703312	AM	SOLAR	20	N/A		0.9	0.950	0.978	1.038	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58701360	AM	SOLAR	11.4	N/A		0.9	0.980	1.000	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58738860	AM	SOLAR	10	N/A		0.9	0.980	1.000	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58727389	AM	SOLAR	10	N/A		0.9	0.970	0.990	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58722479	AM	SOLAR	7.6	N/A		0.9	0.960	0.990	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58692346	AM	SOLAR	6	N/A		0.9	0.960	0.990	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58694256	AM	SOLAR	20	N/A		0.9	0.960	0.990	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58710397	AM	SOLAR	3	N/A		0.9	0.980	1.000	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58705203	AM	SOLAR	11.4	N/A		0.9	0.980	1.000	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58632736	AM	SOLAR	20	N/A		0.9	0.950	0.972	1.032	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58719318	AM	SOLAR	11.4	N/A		0.9	0.957	0.987	1.037	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58705606	AM	SOLAR	13.8	N/A		0.9	0.950	0.980	1.030	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58699834	AM	SOLAR	5	N/A		0.9	0.960	0.990	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58691037	AM	SOLAR	11.4	N/A		0.9	0.960	0.990	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58611830	AM	SOLAR	10.56	N/A		0.9	0.950	0.980	1.030	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58747126	AM	SOLAR	11.4	N/A		0.9	0.950	0.980	1.030	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58704378	AM	SOLAR	7.6	N/A		0.9	0.977	0.997	1.037	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58675279	AM	SOLAR	15	BATTERY		0.9	0.953	0.983	1.033	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58702877	AM	SOLAR	14.4	N/A		0.9	0.950	0.975	1.035	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58707467	AM	SOLAR	3.8	N/A		0.9	0.950	0.976	1.036	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58703868	AM	SOLAR	11.4	N/A		0.9	0.979	0.999	1.039	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58706075	AM	SOLAR	7.6	N/A		0.9	0.960	0.990	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58702468	AM	SOLAR	10	N/A		0.9	0.950	0.970	1.030	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44

58689223	AM	SOLAR	16.4	N/A		0.9	0.977	0.997	1.037	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58698485	AM	SOLAR	15.2	N/A		0.9	0.960	0.990	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58687664	AM	SOLAR	11.4	N/A		0.9	0.960	0.990	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58701403	AM	SOLAR	15.2	N/A		0.9	0.950	0.976	1.036	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58713957	AM	SOLAR	10	N/A		0.9	0.952	0.982	1.032	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58649728	AM	SOLAR	7.6	N/A		0.9	0.978	0.998	1.038	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58691655	AM	SOLAR	5	N/A		0.9	0.975	0.995	1.035	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58694265	AM	SOLAR	3	N/A		0.9	0.950	0.973	1.033	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58721385	AM	SOLAR	17.6	BATTERY		0.9	0.960	0.990	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58679363	AM	SOLAR	15.2	N/A		0.9	0.955	0.985	1.035	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58715275	AM	SOLAR	5	N/A		0.9	0.960	0.990	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58719694	AM	SOLAR	7.6	N/A		0.9	0.950	0.979	1.039	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58615626	AM	SOLAR	9.6	N/A		0.9	0.956	0.986	1.036	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58683581	AM	SOLAR	3.8	N/A		0.9	0.975	0.995	1.035	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58673962	AM	SOLAR	7.6	N/A		0.9	0.950	0.979	1.039	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58704186	AM	SOLAR	20	N/A		0.9	0.960	0.990	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58699172	AM	SOLAR	7.6	N/A		0.9	0.952	0.982	1.032	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58718656	AM	SOLAR	10	N/A		0.9	0.980	1.000	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58746092	AM	SOLAR	5	N/A		0.9	0.950	0.980	1.030	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58664787	AM	SOLAR	7.6	N/A		0.9	0.960	0.990	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58645797	AM	SOLAR	3.8	N/A		0.9	0.959	0.979	1.019	1.039	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58742898	AM	SOLAR	14.4	N/A		0.9	0.950	0.974	1.034	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58676702	AM	SOLAR	12	N/A		0.9	0.955	0.985	1.035	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58650519	AM	SOLAR	5	N/A		0.9	0.974	0.994	1.034	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58690866	AM	SOLAR	13.8	N/A		0.9	0.960	0.990	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58714492	AM	SOLAR	10	N/A		0.9	0.960	0.990	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58706816	AM	SOLAR	10	N/A		0.9	0.960	0.990	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58649676	AM	SOLAR	3	N/A		0.9	0.950	0.961	1.021	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58721198	AM	SOLAR	6	N/A		0.9	0.979	0.999	1.039	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58669907	AM	SOLAR	10	N/A		0.9	0.980	1.000	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58681441	AM	SOLAR	6	N/A		0.9	0.960	0.990	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58705556	AM	SOLAR	10	N/A		0.9	0.960	0.990	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58706813	AM	SOLAR	5	N/A		0.9	0.950	0.973	1.033	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58683586	AM	SOLAR	10	N/A		0.9	0.954	0.984	1.034	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58713958	AM	SOLAR	3.8	N/A		0.9	0.952	0.982	1.032	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58655082	AM	SOLAR	7.6	N/A		0.9	0.950	0.980	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58720713	AM	SOLAR	15	N/A		0.9	0.960	0.990	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58718562	AM	SOLAR	7.6	N/A		0.9	0.980	1.000	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58713567	AM	SOLAR	7.6	N/A		0.9	0.960	0.990	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58704419	AM	SOLAR	17.6	N/A		0.9	0.960	0.990	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58703079	AM	SOLAR	7.6	N/A		0.9	0.971	0.991	1.031	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58747047	AM	SOLAR	5	N/A		0.9	0.970	0.990	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58633229	AM	SOLAR	5	N/A		0.9	0.960	0.990	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58745660	AM	SOLAR	11.4	N/A		0.9	0.979	0.999	1.039	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58671562	AM	SOLAR	11.4	N/A		0.9	0.980	1.000	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58703000	AM	SOLAR	11.4	N/A		0.9	0.950	0.971	1.031	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58677491	AM	SOLAR	5	N/A		0.9	0.960	0.990	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58717576	AM	SOLAR	3	N/A		0.9	0.960	0.990	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58669727	AM	SOLAR	3	N/A		0.9	0.980	1.000	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58688458	AM	SOLAR	13.6	N/A		0.9	0.960	0.990	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58736926	AM	SOLAR	10	N/A		0.9	0.957	0.987	1.037	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58710439	AM	SOLAR	7.6	N/A		0.9	0.980	1.000	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58720395	AM	SOLAR	12.6	N/A		0.9	0.950	0.977	1.037	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58715504	AM	SOLAR	11.4	N/A		0.9	0.950	0.967	1.017	1.047	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58749598	AM	SOLAR	6	N/A		0.9	0.960	0.990	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58721784	AM	SOLAR	19	N/A		0.9	0.950	0.975	1.035	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58692043	AM	SOLAR	6	N/A		0.9	0.980	1.000	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58658196	AM	SOLAR	5	N/A		0.9	0.969	0.989	1.039	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58718751	AM	SOLAR	12	N/A		0.9	0.950	0.979	1.039	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58694361	AM	SOLAR	7.6	N/A		0.9	0.980	1.000	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58742185	AM	SOLAR	3.8	N/A		0.9	0.970	0.990	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58703764	AM	SOLAR	3.8	N/A		0.9	0.980	1.000	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58745876	AM	SOLAR	10	N/A		0.9	0.960	0.990	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58690090	AM	SOLAR	10	N/A		0.9	0.960	0.990	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58691945	AM	SOLAR	11.4	N/A		0.9	0.950	0.975	1.035	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58703785	AM	SOLAR	11.4	N/A		0.9	0.950	0.973	1.033	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58693011	AM	SOLAR	6	N/A		0.9	0.960	0.990	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58688964	AM	SOLAR	10	N/A		0.9	0.950	0.969	1.029	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58742038	AM	SOLAR	3	N/A		0.9	0.960	0.990	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58704828	AM	SOLAR	3.8	N/A		0.9	0.950	0.968	1.028	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58659143	AM	SOLAR	11.4	N/A		0.9	0.964	0.984	1.024	1.044	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58700958	AM	SOLAR	5	N/A		0.9	0.950	0.975	1.035	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58699476	AM	SOLAR	6	N/A		0.9	0.950	0.960	1.020	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58719894	AM	SOLAR	7.6	N/A		0.9	0.950	0.974	1.034	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58681703	AM	SOLAR	6	N/A		0.9	0.973	0.993	1.033	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58714226	AM	SOLAR	10	N/A		0.9	0.980	1.000	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58690264	AM	SOLAR	10	N/A		0.9	0.980	1.000	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58708867	AM	SOLAR	3.8	N/A		0.9	0.971	0.991	1.031	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58687973	AM	SOLAR	13.8	N/A		0.9	0.971	0.991	1.031	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58693867	AM	SOLAR	7.6	N/A		0.9	0.978	0.998	1.038	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58706000	AM	SOLAR	6	N/A		0.9	0.950	0.978	1.038	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58646315	AM	SOLAR	7.6	N/A		0.9	0.950	0.970	1.030	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58708497	AM	SOLAR	11.4	N/A		0.9	0.950	0.969	1.029	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58719198	AM	SOLAR	10	N/A		0.9	0.950	0.971	1.031	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58704276	AM	SOLAR	7.6	N/A		0.9	0.956	0.986	1.036	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58644175	AM	SOLAR	6	N/A		0.9	0.950	0.971	1.031	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58653071	AM	SOLAR	3.8	N/A		0.9	0.961	0.981	1.021	1.041	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58650631	AM	SOLAR	10	N/A		0.9	0.968	0.988	1.028	1.048	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58693096	AM	SOLAR	6	N/A		0.9	0.980	1.000	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58711134	AM	SOLAR	5	N/A		0.9	0.973	0.993	1.033	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58694005	AM	SOLAR	15	BATTERY		0.9	0.955	0.985	1.035	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58749868	AM	SOLAR	5	N/A		0.9	0.970	0.990	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58697337	AM	SOLAR	7.6	N/A		0.9	0.954	0.984	1.034	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58659870	AM	SOLAR	3.8	N/A		0.9	0.980	1.000	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44

58675429	AM	SOLAR	12	N/A		0.9	0.960	0.990	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58711933	AM	SOLAR	5	N/A		0.9	0.950	0.978	1.038	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58656133	AM	SOLAR	11.4	N/A		0.9	0.980	1.000	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58676964	AM	SOLAR	12.6	N/A		0.9	0.970	0.990	1.030	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58657246	AM	SOLAR	10	N/A		0.9	0.960	0.990	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58698357	AM	SOLAR	5	N/A		0.9	0.967	0.987	1.027	1.047	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58681526	AM	SOLAR	10	N/A		0.9	0.951	0.981	1.031	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58697133	AM	SOLAR	7.6	N/A		0.9	0.963	0.983	1.023	1.043	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58754401	AM	SOLAR	6	N/A		0.9	0.960	0.990	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58720043	AM	SOLAR	14.4	N/A		0.9	0.960	0.990	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58710320	AM	SOLAR	10	N/A		0.9	0.950	0.980	1.030	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58669220	AM	SOLAR	5	N/A		0.9	0.960	0.990	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58702551	AM	SOLAR	10	N/A		0.9	0.980	1.000	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58713646	AM	SOLAR	15.2	N/A		0.9	0.950	0.962	1.022	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58702349	AM	SOLAR	7.6	N/A		0.9	0.960	0.990	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58748814	AM	SOLAR	3.8	N/A		0.9	0.950	0.974	1.034	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58742526	AM	SOLAR	10	N/A		0.9	0.958	0.978	1.028	1.048	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58704704	AM	SOLAR	5	N/A		0.9	0.950	0.978	1.038	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58719799	AM	SOLAR	7.6	N/A		0.9	0.954	0.984	1.034	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58694911	AM	SOLAR	7.6	N/A		0.9	0.950	0.975	1.035	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58722190	AM	SOLAR	6	N/A		0.9	0.960	0.990	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58710285	AM	SOLAR	13.6	N/A		0.9	0.950	0.976	1.036	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58705492	AM	SOLAR	6	N/A		0.9	0.980	1.000	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58667415	AM	SOLAR	10	N/A		0.9	0.950	0.967	1.027	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58639095	AM	SOLAR	6	N/A		0.9	0.980	1.000	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58699163	AM	SOLAR	7.6	BATTERY		0.9	0.950	0.974	1.034	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58661744	AM	SOLAR	10	BATTERY		0.9	0.952	0.982	1.032	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58644073	AM	SOLAR	11.4	N/A		0.9	0.960	0.990	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58682729	AM	SOLAR	15.2	N/A		0.9	0.950	0.968	1.028	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58675428	AM	SOLAR	6	N/A		0.9	0.950	0.980	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58746672	AM	SOLAR	11.4	N/A		0.9	0.960	0.990	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58672313	AM	SOLAR	6	N/A		0.9	0.960	0.990	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58717174	AM	SOLAR	15.2	N/A		0.9	0.957	0.987	1.037	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58651745	AM	SOLAR	11.4	N/A		0.9	0.950	0.963	1.023	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58718709	AM	SOLAR	7.6	N/A		0.9	0.980	1.000	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58706830	AM	SOLAR	11.4	N/A		0.9	0.960	0.990	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58709786	AM	SOLAR	6	N/A		0.9	0.957	0.987	1.037	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58636204	AM	SOLAR	9.8	N/A		0.9	0.960	0.990	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58644271	AM	SOLAR	9.6	N/A		0.9	0.950	0.970	1.030	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58652850	AM	SOLAR	9.8	N/A		0.9	0.960	0.980	1.020	1.040	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58719806	AM	SOLAR	10	N/A		0.9	0.950	0.969	1.019	1.049	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58719811	AM	SOLAR	5	N/A		0.9	0.950	0.971	1.031	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58724466	AM	SOLAR	15.2	N/A		0.9	0.950	0.978	1.038	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58699144	AM	SOLAR	11.4	N/A		0.9	0.952	0.982	1.032	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58700176	AM	SOLAR	10	N/A		0.9	0.955	0.985	1.035	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58715017	AM	SOLAR	10	N/A		0.9	0.964	0.984	1.024	1.044	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58729165	AM	SOLAR	11.4	N/A		0.9	0.960	0.990	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58718274	AM	SOLAR	3.8	N/A		0.9	0.958	0.988	1.038	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58658093	AM	SOLAR	3	N/A		0.9	0.950	0.974	1.034	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58689879	AM	SOLAR	11.4	N/A		0.9	0.980	1.000	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58688189	AM	SOLAR	12	N/A		0.9	0.950	0.979	1.039	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58705581	AM	SOLAR	6	N/A		0.9	0.960	0.990	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58719575	AM	SOLAR	7.6	N/A		0.9	0.950	0.963	1.023	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58638518	AM	SOLAR	5.76	N/A		0.9	0.950	0.961	1.021	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58740716	AM	SOLAR	50	N/A		0.9	0.958	0.988	1.038	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58689445	AM	SOLAR	11.4	N/A		0.9	0.971	0.991	1.031	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58620775	AM	SOLAR	6	N/A		0.9	0.954	0.984	1.034	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58725380	AM	SOLAR	10	N/A		0.9	0.950	0.979	1.039	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58716050	AM	SOLAR	10	N/A		0.9	0.950	0.974	1.034	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58701857	AM	SOLAR	10	N/A		0.9	0.980	1.000	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58708649	AM	SOLAR	11.4	N/A		0.9	0.979	0.999	1.039	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58703414	AM	SOLAR	18	N/A		0.9	0.956	0.986	1.036	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58706688	AM	SOLAR	11.4	N/A		0.9	0.955	0.985	1.035	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58675899	AM	SOLAR	19	N/A		0.9	0.960	0.990	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58633467	AM	SOLAR	11.4	N/A		0.9	0.950	0.972	1.032	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58687721	AM	SOLAR	7.6	N/A		0.9	0.960	0.990	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58713274	AM	SOLAR	6	N/A		0.9	0.960	0.990	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58692893	AM	SOLAR	7.6	N/A		0.9	0.950	0.972	1.032	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58722395	AM	SOLAR	10	N/A		0.9	0.950	0.960	1.010	1.040	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58680108	AM	SOLAR	10	N/A		0.9	0.950	0.966	1.026	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58697781	AM	SOLAR	15.2	N/A		0.9	0.960	0.990	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58652131	AM	SOLAR	5	N/A		0.9	0.975	0.995	1.035	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58705237	AM	SOLAR	10	N/A		0.9	0.950	0.960	1.010	1.040	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58676582	AM	SOLAR	10	N/A		0.9	0.950	0.960	1.010	1.040	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58640251	AM	SOLAR	7.6	N/A		0.9	0.967	0.987	1.027	1.047	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58620098	AM	SOLAR	10	N/A		0.9	0.968	0.988	1.028	1.048	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58700361	AM	SOLAR	21.4	N/A		0.9	0.980	1.000	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58679338	AM	SOLAR	10	N/A		0.9	0.950	0.978	1.038	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58713735	AM	SOLAR	10	N/A		0.9	0.959	0.989	1.039	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58678210	AM	SOLAR	10	N/A		0.9	0.980	1.000	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58703801	AM	SOLAR	6	N/A		0.9	0.980	1.000	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58669939	AM	SOLAR	3	N/A		0.9	0.950	0.979	1.039	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58695719	AM	SOLAR	12.6	N/A		0.9	0.980	1.000	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58715862	AM	SOLAR	10	N/A		0.9	0.950	0.974	1.034	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58687672	AM	SOLAR	7.6	N/A		0.9	0.950	0.973	1.033	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58695176	AM	SOLAR	3.8	N/A		0.9	0.976	0.996	1.036	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58723258	AM	SOLAR	11.4	N/A		0.9	0.960	0.990	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58671447	AM	SOLAR	10	N/A		0.9	0.980	1.000	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58722327	AM	SOLAR	10	N/A		0.9	0.950	0.969	1.029	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58709947	AM	SOLAR	14.4	N/A		0.9	0.953	0.983	1.033	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58633196	AM	SOLAR	22	N/A		0.9	0.980	1.000	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58706631	AM	SOLAR	5	N/A		0.9	0.960	0.990	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58700574	AM	SOLAR	13.6	N/A		0.9	0.960	0.990	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58700964	AM	SOLAR	6	N/A		0.9	0.959	0.989	1.039	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44

58700838	AM	SOLAR	12	N/A		0.9	0.951	0.981	1.031	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58655476	AM	SOLAR	10	N/A		0.9	0.952	0.982	1.032	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58671268	AM	SOLAR	14.4	N/A		0.9	0.975	0.995	1.035	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58713171	AM	SOLAR	7.6	N/A		0.9	0.960	0.990	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58718741	AM	SOLAR	15.2	N/A		0.9	0.950	0.974	1.034	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58689996	AM	SOLAR	10	N/A		0.9	0.956	0.986	1.036	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58702090	AM	SOLAR	100	N/A		0.9	0.980	1.000	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58702091	AM	SOLAR	50	N/A		0.9	0.951	0.981	1.031	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58696431	AM	SOLAR	5	N/A		0.9	0.974	0.994	1.034	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58710878	AM	SOLAR	20	N/A		0.9	0.960	0.990	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58658190	AM	SOLAR	3.8	N/A		0.9	0.980	1.000	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58702176	AM	SOLAR	5	N/A		0.9	0.950	0.975	1.035	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58708427	AM	SOLAR	5	N/A		0.9	0.958	0.988	1.038	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58717272	AM	SOLAR	7.6	N/A		0.9	0.963	0.983	1.023	1.043	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58716174	AM	SOLAR	7.6	N/A		0.9	0.954	0.984	1.034	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58647598	AM	SOLAR	11.4	N/A		0.9	0.970	0.990	1.030	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58700598	AM	SOLAR	15.2	N/A		0.9	0.960	0.990	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58712752	AM	SOLAR	15	N/A		0.9	0.950	0.965	1.025	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58705469	AM	SOLAR	10	N/A		0.9	0.956	0.986	1.036	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58708934	AM	SOLAR	10	N/A		0.9	0.954	0.984	1.034	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58740462	AM	SOLAR	10	N/A		0.9	0.951	0.981	1.031	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58719756	AM	SOLAR	10	N/A		0.9	0.960	0.990	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58708526	AM	SOLAR	11.4	N/A		0.9	0.980	1.000	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58706011	AM	SOLAR	10	N/A		0.9	0.980	1.000	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58674231	AM	SOLAR	7.6	N/A		0.9	0.950	0.975	1.035	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58700170	AM	SOLAR	5	N/A		0.9	0.980	1.000	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58704778	AM	SOLAR	11.4	N/A		0.9	0.960	0.990	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58697276	AM	SOLAR	6	N/A		0.9	0.980	1.000	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58645131	AM	SOLAR	15.2	N/A		0.9	0.953	0.983	1.033	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58714902	AM	SOLAR	10	N/A		0.9	0.960	0.990	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58650774	AM	SOLAR	11	N/A		0.9	0.950	0.971	1.031	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58661147	AM	SOLAR	14.4	N/A		0.9	0.978	0.998	1.038	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58668508	AM	SOLAR	6	N/A		0.9	0.960	0.990	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58721776	AM	SOLAR	7.6	N/A		0.9	0.950	0.980	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58702071	AM	SOLAR	10	N/A		0.9	0.959	0.989	1.039	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58722543	AM	SOLAR	5	N/A		0.9	0.950	0.968	1.028	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58704797	AM	SOLAR	10	N/A		0.9	0.956	0.986	1.036	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58650944	AM	SOLAR	5	N/A		0.9	0.968	0.988	1.028	1.048	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58708891	AM	SOLAR	5	N/A		0.9	0.954	0.984	1.034	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58696525	AM	SOLAR	3.8	N/A		0.9	0.956	0.986	1.036	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58673826	AM	SOLAR	17.6	N/A		0.9	0.960	0.990	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58706006	AM	SOLAR	6	N/A		0.9	0.960	0.990	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58664632	AM	SOLAR	6	N/A		0.9	0.960	0.990	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58683563	AM	SOLAR	10	N/A		0.9	0.951	0.981	1.031	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58716039	AM	SOLAR	11.4	N/A		0.9	0.955	0.985	1.035	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58714298	AM	SOLAR	6	N/A		0.9	0.955	0.985	1.035	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58710847	AM	SOLAR	6	N/A		0.9	0.960	0.990	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58714652	AM	SOLAR	27.6	N/A		0.9	0.960	0.990	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58641177	AM	SOLAR	6	N/A		0.9	0.950	0.975	1.035	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58691028	AM	SOLAR	6	N/A		0.9	0.979	0.999	1.039	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58664653	AM	SOLAR	7.68	N/A		0.9	0.980	1.000	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58689800	AM	SOLAR	22	N/A		0.9	0.950	0.977	1.037	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58705471	AM	SOLAR	3.8	N/A		0.9	0.950	0.979	1.039	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58701722	AM	SOLAR	7.6	N/A		0.9	0.950	0.973	1.033	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58725344	AM	SOLAR	11.4	N/A		0.9	0.956	0.986	1.036	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58666741	AM	SOLAR	17.4	N/A		0.9	0.950	0.974	1.034	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58698236	AM	SOLAR	10	N/A		0.9	0.967	0.987	1.027	1.047	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58694030	AM	SOLAR	7.6	N/A		0.9	0.971	0.991	1.031	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58655739	AM	SOLAR	15.2	BATTERY		0.9	0.950	0.980	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58732066	AM	SOLAR	7.6	N/A		0.9	0.970	0.990	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58652048	AM	SOLAR	6	N/A		0.9	0.979	0.999	1.039	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58713212	AM	SOLAR	3.8	N/A		0.9	0.950	0.968	1.028	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58668559	AM	SOLAR	13.6	N/A		0.9	0.960	0.990	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58657306	AM	SOLAR	10	N/A		0.9	0.979	0.999	1.039	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58659321	AM	SOLAR	10	N/A		0.9	0.952	0.982	1.032	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58678549	AM	SOLAR	19	N/A		0.9	0.979	0.999	1.039	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58699555	AM	SOLAR	12	N/A		0.9	0.960	0.990	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58735618	AM	SOLAR	7.6	N/A		0.9	0.962	0.982	1.032	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58745175	AM	SOLAR	14.4	N/A		0.9	0.950	0.980	1.030	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58716907	AM	SOLAR	14.4	N/A		0.9	0.951	0.981	1.031	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58681645	AM	SOLAR	10	N/A		0.9	0.960	0.990	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58658442	AM	SOLAR	13.6	N/A		0.9	0.958	0.988	1.038	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58678258	AM	SOLAR	10	N/A		0.9	0.960	0.990	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58693996	AM	SOLAR	12.6	N/A		0.9	0.959	0.989	1.039	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58706462	AM	SOLAR	10	N/A		0.9	0.959	0.989	1.039	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58714378	AM	SOLAR	25.2	N/A		0.9	0.952	0.982	1.032	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58693693	AM	SOLAR	14.4	N/A		0.9	0.950	0.964	1.024	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58705554	AM	SOLAR	14.4	N/A		0.9	0.950	0.975	1.035	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58645456	AM	SOLAR	7.6	N/A		0.9	0.974	0.994	1.034	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58703548	AM	SOLAR	7.6	N/A		0.9	0.972	0.992	1.032	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58707376	AM	SOLAR	13.6	N/A		0.9	0.972	0.992	1.032	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58708694	AM	SOLAR	7.6	N/A		0.9	0.980	1.000	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58693304	AM	SOLAR	5	N/A		0.9	0.950	0.964	1.014	1.044	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58696502	AM	SOLAR	7.6	N/A		0.9	0.950	0.970	1.030	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58645389	AM	SOLAR	11.4	N/A		0.9	0.970	0.990	1.030	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58695303	AM	SOLAR	6	N/A		0.9	0.950	0.976	1.036	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58698352	AM	SOLAR	11.4	N/A		0.9	0.950	0.963	1.013	1.043	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58718195	AM	SOLAR	6	N/A		0.9	0.950	0.979	1.039	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58671394	AM	SOLAR	6	N/A		0.9	0.976	0.996	1.036	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58653487	AM	SOLAR	6	N/A		0.9	0.960	0.990	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58678378	AM	SOLAR	3	N/A		0.9	0.957	0.987	1.037	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58653097	AM	SOLAR	15.2	N/A		0.9	0.975	0.995	1.035	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58694371	AM	SOLAR	3.8	N/A		0.9	0.974	0.994	1.034	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58717948	AM	SOLAR	6	N/A		0.9	0.958	0.988	1.038	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44

58693618	AM	SOLAR	7.6	N/A		0.9	0.960	0.990	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58726722	AM	SOLAR	7.6	N/A		0.9	0.960	0.990	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58703382	AM	SOLAR	6	N/A		0.9	0.959	0.989	1.039	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58693209	AM	SOLAR	7.6	N/A		0.9	0.980	1.000	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58649747	AM	SOLAR	10	N/A		0.9	0.953	0.983	1.033	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58646915	AM	SOLAR	13.6	N/A		0.9	0.950	0.960	1.010	1.040	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58706035	AM	SOLAR	10	N/A		0.9	0.950	0.974	1.034	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58739014	AM	SOLAR	9	BATTERY		0.9	0.960	0.990	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58732438	AM	SOLAR	10	N/A		0.9	0.954	0.984	1.034	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58752662	AM	SOLAR	7.6	N/A		0.9	0.950	0.969	1.019	1.049	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58718900	AM	SOLAR	3.8	N/A		0.9	0.950	0.976	1.036	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58718140	AM	SOLAR	13.8	BATTERY		0.9	0.960	0.990	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58708595	AM	SOLAR	21.4	N/A		0.9	0.956	0.986	1.036	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58669751	AM	SOLAR	17.4	N/A		0.9	0.960	0.990	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58715665	AM	SOLAR	10	N/A		0.9	0.950	0.974	1.034	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58697777	AM	SOLAR	5	N/A		0.9	0.980	1.000	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58688115	AM	SOLAR	11.4	N/A		0.9	0.950	0.973	1.033	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58701173	AM	SOLAR	11.4	N/A		0.9	0.980	1.000	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58717257	AM	SOLAR	20	N/A		0.9	0.950	0.972	1.032	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58709237	AM	SOLAR	7.6	N/A		0.9	0.960	0.990	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58625428	AM	SOLAR	22.8	N/A		0.9	0.950	0.980	1.030	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58698577	AM	SOLAR	6	N/A		0.9	0.956	0.986	1.036	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58752365	AM	SOLAR	10	N/A		0.9	0.970	0.990	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58718832	AM	SOLAR	7.6	N/A		0.9	0.960	0.990	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58673525	AM	SOLAR	5	N/A		0.9	0.950	0.968	1.018	1.048	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58720193	AM	SOLAR	15	BATTERY		0.9	0.960	0.990	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58741779	AM	SOLAR	10	N/A		0.9	0.959	0.989	1.039	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58706967	AM	SOLAR	10	N/A		0.9	0.979	0.999	1.039	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58652748	AM	SOLAR	20	N/A		0.9	0.950	0.979	1.039	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58710548	AM	SOLAR	5	N/A		0.9	0.952	0.982	1.032	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58688793	AM	SOLAR	10	N/A		0.9	0.950	0.973	1.033	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58714866	AM	SOLAR	3.8	N/A		0.9	0.967	0.987	1.027	1.047	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58692416	AM	SOLAR	11.52	BATTERY		0.9	0.950	0.976	1.036	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58751564	AM	SOLAR	10	N/A		0.9	0.950	0.974	1.034	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58721787	AM	SOLAR	11.4	N/A		0.9	0.980	1.000	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58676878	AM	SOLAR	11.52	BATTERY		0.9	0.967	0.987	1.027	1.047	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58690193	AM	SOLAR	10	N/A		0.9	0.950	0.977	1.037	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58692045	AM	SOLAR	7.6	N/A		0.9	0.954	0.984	1.034	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58682072	AM	SOLAR	10	N/A		0.9	0.950	0.960	1.010	1.040	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58719204	AM	SOLAR	6	N/A		0.9	0.950	0.980	1.030	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58690915	AM	SOLAR	9	N/A		0.9	0.955	0.985	1.035	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58648001	AM	SOLAR	10	N/A		0.9	0.958	0.988	1.038	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58672763	AM	SOLAR	6	N/A		0.9	0.950	0.970	1.030	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58649695	AM	SOLAR	3.8	N/A		0.9	0.957	0.987	1.037	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58653873	AM	SOLAR	3	N/A		0.9	0.960	0.990	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58663439	AM	SOLAR	3	N/A		0.9	0.964	0.984	1.024	1.044	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58704202	AM	SOLAR	7.6	N/A		0.9	0.956	0.986	1.036	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58660478	AM	SOLAR	3.8	N/A		0.9	0.976	0.996	1.036	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58668975	AM	SOLAR	6	N/A		0.9	0.980	1.000	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58624895	AM	SOLAR	10	N/A		0.9	0.968	0.988	1.028	1.048	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58633544	AM	SOLAR	20	N/A		0.9	0.955	0.985	1.035	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58720401	AM	SOLAR	13	N/A		0.9	0.950	0.967	1.017	1.047	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58689953	AM	SOLAR	11.52	N/A		0.9	0.960	0.990	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58653565	AM	SOLAR	14.4	N/A		0.9	0.950	0.977	1.037	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58720637	AM	SOLAR	14.4	N/A		0.9	0.960	0.990	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58681530	AM	SOLAR	10	N/A		0.9	0.980	1.000	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58671506	AM	SOLAR	7.6	N/A		0.9	0.950	0.974	1.034	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58708394	AM	SOLAR	15.2	N/A		0.9	0.955	0.985	1.035	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58749739	AM	SOLAR	10	N/A		0.9	0.951	0.981	1.031	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58714405	AM	SOLAR	11.4	N/A		0.9	0.959	0.989	1.039	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58706448	AM	SOLAR	15.2	BATTERY		0.9	0.960	0.990	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58724505	AM	SOLAR	6	N/A		0.9	0.979	0.999	1.039	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58683283	AM	SOLAR	10	N/A		0.9	0.969	0.989	1.029	1.049	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58649068	AM	SOLAR	10	BATTERY		0.9	0.980	1.000	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58710065	AM	SOLAR	10	N/A		0.9	0.960	0.990	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58640696	AM	SOLAR	10	N/A		0.9	0.950	0.974	1.034	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58712943	AM	SOLAR	21.4	N/A		0.9	0.960	0.990	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58683193	AM	SOLAR	22.8	N/A		0.9	0.950	0.972	1.032	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58666815	AM	SOLAR	7.6	N/A		0.9	0.960	0.990	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58726968	AM	SOLAR	5	N/A		0.9	0.960	0.990	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58707385	AM	SOLAR	25.8	N/A		0.9	0.950	0.967	1.017	1.047	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58646214	AM	SOLAR	5	N/A		0.9	0.960	0.990	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58713728	AM	SOLAR	6	N/A		0.9	0.977	0.997	1.037	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58609234	AM	SOLAR	10	N/A		0.9	0.960	0.990	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58651390	AM	SOLAR	7.6	N/A		0.9	0.950	0.967	1.017	1.047	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58683368	AM	SOLAR	13.6	N/A		0.9	0.952	0.982	1.032	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58690301	AM	SOLAR	15.2	BATTERY		0.9	0.974	0.994	1.034	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58701989	AM	SOLAR	7.6	N/A		0.9	0.980	1.000	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58718808	AM	SOLAR	12	N/A		0.9	0.950	0.972	1.032	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58716525	AM	SOLAR	11.4	N/A		0.9	0.950	0.967	1.027	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58720770	AM	SOLAR	10	N/A		0.9	0.960	0.990	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58718719	AM	SOLAR	6	N/A		0.9	0.953	0.983	1.033	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58694266	AM	SOLAR	16.4	N/A		0.9	0.950	0.980	1.030	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58750176	AM	SOLAR	10	N/A		0.9	0.950	0.978	1.038	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58710408	AM	SOLAR	10	N/A		0.9	0.960	0.990	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58652921	AM	SOLAR	7.6	N/A		0.9	0.952	0.982	1.032	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58699895	AM	SOLAR	7.6	N/A		0.9	0.957	0.987	1.037	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58636598	AM	SOLAR	15.2	N/A		0.9	0.950	0.960	1.020	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58690256	AM	SOLAR	6	N/A		0.9	0.960	0.990	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58633070	AM	SOLAR	15.2	N/A		0.9	0.951	0.981	1.031	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58678919	AM	SOLAR	5	N/A		0.9	0.960	0.990	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58672125	AM	SOLAR	10	N/A		0.9	0.950	0.974	1.034	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58722831	AM	SOLAR	13	N/A		0.9	0.950	0.968	1.028	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58700202	AM	SOLAR	3.8	N/A		0.9	0.974	0.994	1.034	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44

58655052	AM	SOLAR	7.6	BATTERY		0.9	0.961	0.981	1.021	1.041	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58711874	AM	SOLAR	3.8	N/A		0.9	0.950	0.962	1.012	1.042	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58705601	AM	SOLAR	6	N/A		0.9	0.955	0.985	1.035	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58727524	AM	SOLAR	6	N/A		0.9	0.960	0.990	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58657248	AM	SOLAR	3	N/A		0.9	0.950	0.970	1.030	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58699012	AM	SOLAR	10	N/A		0.9	0.958	0.988	1.038	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58677911	AM	SOLAR	3	N/A		0.9	0.950	0.973	1.033	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58699439	AM	SOLAR	10	N/A		0.9	0.950	0.971	1.031	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58643012	AM	SOLAR	10	N/A		0.9	0.950	0.973	1.033	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58666212	AM	SOLAR	11.4	N/A		0.9	0.950	0.968	1.018	1.048	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58720484	AM	SOLAR	6	N/A		0.9	0.951	0.981	1.031	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58721268	AM	SOLAR	10	N/A		0.9	0.980	1.000	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58697432	AM	SOLAR	7.6	N/A		0.9	0.950	0.972	1.032	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58646801	AM	SOLAR	5	N/A		0.9	0.963	0.983	1.023	1.043	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58724612	AM	SOLAR	48	N/A		0.9	0.950	0.979	1.039	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58675401	AM	SOLAR	15.2	N/A		0.9	0.950	0.972	1.032	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58707001	AM	SOLAR	10	N/A		0.9	0.954	0.984	1.034	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58707007	AM	SOLAR	6	N/A		0.9	0.960	0.990	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58711742	AM	SOLAR	10	N/A		0.9	0.970	0.990	1.030	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58691303	AM	SOLAR	7.6	N/A		0.9	0.980	1.000	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58717800	AM	SOLAR	16	N/A		0.9	0.980	1.000	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58687943	AM	SOLAR	3.8	N/A		0.9	0.950	0.969	1.029	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58726452	AM	SOLAR	10	N/A		0.9	0.950	0.980	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58669571	AM	SOLAR	7.6	N/A		0.9	0.953	0.983	1.033	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58705004	AM	SOLAR	11.4	N/A		0.9	0.953	0.983	1.033	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58706687	AM	SOLAR	10	N/A		0.9	0.971	0.991	1.031	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58645171	AM	SOLAR	7.6	N/A		0.9	0.980	1.000	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58701201	AM	SOLAR	7.6	N/A		0.9	0.958	0.988	1.038	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58700388	AM	SOLAR	7.68	N/A		0.9	0.960	0.990	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58709495	AM	SOLAR	11.4	N/A		0.9	0.950	0.964	1.024	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58693098	AM	SOLAR	6	N/A		0.9	0.972	0.992	1.032	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58688394	AM	SOLAR	11.4	N/A		0.9	0.950	0.961	1.021	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58747331	AM	SOLAR	3.8	N/A		0.9	0.970	0.990	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58713740	AM	SOLAR	20	N/A		0.9	0.950	0.969	1.019	1.049	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58705233	AM	SOLAR	6	N/A		0.9	0.950	0.979	1.039	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58649801	AM	SOLAR	6	N/A		0.9	0.956	0.986	1.036	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58691995	AM	SOLAR	11.4	N/A		0.9	0.950	0.975	1.035	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58722563	AM	SOLAR	11.4	N/A		0.9	0.959	0.989	1.039	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58682365	AM	SOLAR	6	N/A		0.9	0.957	0.987	1.037	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58695568	AM	SOLAR	12.6	N/A		0.9	0.950	0.980	1.030	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58722528	AM	SOLAR	13	N/A		0.9	0.950	0.978	1.038	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58708296	AM	SOLAR	7.68	N/A		0.9	0.950	0.978	1.038	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58704179	AM	SOLAR	11.4	N/A		0.9	0.960	0.990	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58747989	AM	SOLAR	10	N/A		0.9	0.960	0.990	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58652947	AM	SOLAR	7.6	N/A		0.9	0.950	0.970	1.020	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58691280	AM	SOLAR	7.6	N/A		0.9	0.950	0.973	1.033	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58695133	AM	SOLAR	6	N/A		0.9	0.950	0.978	1.038	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58647543	AM	SOLAR	10	N/A		0.9	0.950	0.965	1.025	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58683334	AM	SOLAR	10	N/A		0.9	0.951	0.981	1.031	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58722720	AM	SOLAR	7.6	N/A		0.9	0.950	0.966	1.026	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58728832	AM	SOLAR	6	N/A		0.9	0.960	0.990	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58747254	AM	SOLAR	13	N/A		0.9	0.970	0.990	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58641164	AM	SOLAR	10	N/A		0.9	0.950	0.974	1.034	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58681405	AM	SOLAR	5	N/A		0.9	0.968	0.988	1.028	1.040	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58737432	AM	SOLAR	10	N/A		0.9	0.950	0.973	1.033	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58688010	AM	SOLAR	15	N/A		0.9	0.960	0.990	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58683045	AM	SOLAR	10	N/A		0.9	0.951	0.981	1.031	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58670727	AM	SOLAR	10	N/A		0.9	0.980	1.000	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58718300	AM	SOLAR	13.6	N/A		0.9	0.966	0.986	1.026	1.046	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58668247	AM	SOLAR	10	N/A		0.9	0.980	1.000	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58746109	AM	SOLAR	5	N/A		0.9	0.960	0.990	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58699818	AM	SOLAR	7.6	N/A		0.9	0.960	0.990	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58669347	AM	SOLAR	7.6	N/A		0.9	0.954	0.984	1.034	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58743478	AM	SOLAR	6	N/A		0.9	0.960	0.990	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58691685	AM	SOLAR	7.6	N/A		0.9	0.959	0.989	1.039	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58676831	AM	SOLAR	10	N/A		0.9	0.955	0.985	1.035	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58661482	AM	SOLAR	7.6	N/A		0.9	0.950	0.971	1.031	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58661488	AM	SOLAR	6	N/A		0.9	0.950	0.971	1.031	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58681494	AM	SOLAR	5	N/A		0.9	0.980	1.000	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58696831	AM	SOLAR	13.6	N/A		0.9	0.950	0.979	1.039	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58731070	AM	SOLAR	5	N/A		0.9	0.969	0.989	1.039	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58692495	AM	SOLAR	6	N/A		0.9	0.950	0.970	1.030	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58748375	AM	SOLAR	5	N/A		0.9	0.952	0.982	1.032	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58703160	AM	SOLAR	7.6	N/A		0.9	0.956	0.986	1.036	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58631371	AM	SOLAR	19	N/A		0.9	0.950	0.967	1.017	1.047	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58711709	AM	SOLAR	7.6	N/A		0.9	0.951	0.981	1.031	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58721303	AM	SOLAR	3.8	N/A		0.9	0.980	1.000	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58692916	AM	SOLAR	6	N/A		0.9	0.954	0.984	1.034	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58646602	AM	SOLAR	15.2	N/A		0.9	0.950	0.978	1.038	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58698497	AM	SOLAR	15.2	N/A		0.9	0.950	0.975	1.035	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58649698	AM	SOLAR	13.6	N/A		0.9	0.960	0.990	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58653825	AM	SOLAR	10	N/A		0.9	0.954	0.984	1.034	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58693565	AM	SOLAR	11.4	N/A		0.9	0.953	0.983	1.033	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58613433	AM	SOLAR	12.48	N/A		0.9	0.950	0.968	1.018	1.048	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58675635	AM	SOLAR	7.6	BATTERY		0.9	0.950	0.967	1.027	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58658096	AM	SOLAR	12	N/A		0.9	0.952	0.982	1.032	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58677888	AM	SOLAR	16	N/A		0.9	0.955	0.985	1.035	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58717971	AM	SOLAR	6	N/A		0.9	0.950	0.978	1.038	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58695027	AM	SOLAR	11.4	N/A		0.9	0.976	0.996	1.036	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58692980	AM	SOLAR	10	N/A		0.9	0.977	0.997	1.037	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58721629	AM	SOLAR	10	N/A		0.9	0.953	0.983	1.033	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58723474	AM	SOLAR	6	N/A		0.9	0.950	0.965	1.025	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58702546	AM	SOLAR	10	N/A		0.9	0.960	0.990	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58640235	AM	SOLAR	9.6	N/A		0.9	0.952	0.982	1.032	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44

58708564	AM	SOLAR	7.6	N/A		0.9	0.950	0.964	1.024	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58742973	AM	SOLAR	5	N/A		0.9	0.952	0.982	1.032	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58710084	AM	SOLAR	15	BATTERY		0.9	0.950	0.968	1.028	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58663843	AM	SOLAR	7.6	N/A		0.9	0.972	0.992	1.032	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58680029	AM	SOLAR	10	N/A		0.9	0.957	0.987	1.037	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58659000	AM	SOLAR	8	N/A		0.9	0.950	0.969	1.019	1.049	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58719745	AM	SOLAR	10	N/A		0.9	0.951	0.981	1.031	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58703918	AM	SOLAR	7.6	N/A		0.9	0.950	0.971	1.031	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58702469	AM	SOLAR	6	N/A		0.9	0.950	0.970	1.030	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58713146	AM	SOLAR	6	N/A		0.9	0.960	0.990	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58664351	AM	SOLAR	195	N/A		0.9	0.950	0.960	1.000	1.020	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58678621	AM	SOLAR	15.2	N/A		0.9	0.959	0.989	1.039	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58712463	AM	SOLAR	7.6	N/A		0.9	0.950	0.971	1.031	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58721075	AM	SOLAR	3	N/A		0.9	0.974	0.994	1.034	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58713416	AM	SOLAR	11.4	N/A		0.9	0.950	0.974	1.034	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58706365	AM	SOLAR	5	N/A		0.9	0.950	0.973	1.033	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58672388	AM	SOLAR	11.4	N/A		0.9	0.957	0.987	1.037	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58643653	AM	SOLAR	7.6	N/A		0.9	0.950	0.980	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58651633	AM	SOLAR	6	N/A		0.9	0.974	0.994	1.034	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58642965	AM	SOLAR	6	N/A		0.9	0.959	0.989	1.039	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58624560	AM	SOLAR	11.4	N/A		0.9	0.960	0.990	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58690815	AM	SOLAR	7.6	N/A		0.9	0.955	0.985	1.035	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58696310	AM	SOLAR	10	N/A		0.9	0.973	0.993	1.033	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58644672	AM	SOLAR	3.8	N/A		0.9	0.950	0.965	1.025	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58698331	AM	SOLAR	6	N/A		0.9	0.980	1.000	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58592403	AM	SOLAR	11.4	N/A		0.9	0.950	0.966	1.016	1.046	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58695338	AM	SOLAR	10	N/A		0.9	0.970	0.990	1.030	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58711464	AM	SOLAR	3.8	N/A		0.9	0.974	0.994	1.034	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58692377	AM	SOLAR	30	BATTERY		0.9	0.950	0.975	1.035	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58657445	AM	SOLAR	7.6	N/A		0.9	0.950	0.960	1.010	1.040	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58622531	AM	SOLAR	20	N/A		0.9	0.966	0.986	1.026	1.046	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58676475	AM	SOLAR	7.6	N/A		0.9	0.969	0.989	1.029	1.049	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58656213	AM	SOLAR	7.6	N/A		0.9	0.980	1.000	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58639692	AM	SOLAR	5	N/A		0.9	0.980	1.000	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58693581	AM	SOLAR	6	N/A		0.9	0.960	0.990	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58702505	AM	SOLAR	7.6	N/A		0.9	0.963	0.983	1.023	1.043	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58669472	AM	SOLAR	10	N/A		0.9	0.958	0.988	1.038	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58687852	AM	SOLAR	11.4	BATTERY		0.9	0.957	0.987	1.037	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58690227	AM	SOLAR	6	N/A		0.9	0.950	0.966	1.016	1.046	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58751571	AM	SOLAR	5	N/A		0.9	0.960	0.990	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58687649	AM	SOLAR	6	N/A		0.9	0.951	0.981	1.031	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58703932	AM	SOLAR	50	N/A		0.9	0.980	1.000	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58687697	AM	SOLAR	6	N/A		0.9	0.958	0.988	1.038	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58719212	AM	SOLAR	7.6	N/A		0.9	0.956	0.986	1.036	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58708415	AM	SOLAR	3.8	N/A		0.9	0.950	0.977	1.037	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58676497	AM	SOLAR	6	N/A		0.9	0.950	0.965	1.025	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58694084	AM	SOLAR	7.6	N/A		0.9	0.976	0.996	1.036	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58707226	AM	SOLAR	3.8	N/A		0.9	0.980	1.000	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58702101	AM	SOLAR	400	N/A		0.9	0.980	1.000	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58663349	AM	SOLAR	3	N/A		0.9	0.977	0.997	1.037	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58659989	AM	SOLAR	5	N/A		0.9	0.950	0.968	1.028	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58680696	AM	SOLAR	6	N/A		0.9	0.950	0.972	1.032	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58728104	AM	SOLAR	11.4	N/A		0.9	0.960	0.990	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58726314	AM	SOLAR	10	N/A		0.9	0.980	1.000	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58692147	AM	SOLAR	10	N/A		0.9	0.952	0.982	1.032	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58706922	AM	SOLAR	10	N/A		0.9	0.980	1.000	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58672122	AM	SOLAR	15.2	N/A		0.9	0.950	0.960	1.010	1.040	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58715623	AM	SOLAR	7.6	N/A		0.9	0.960	0.990	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58690818	AM	SOLAR	7.6	N/A		0.9	0.960	0.990	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58692889	AM	SOLAR	10	N/A		0.9	0.958	0.988	1.038	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58648159	AM	SOLAR	10	N/A		0.9	0.980	1.000	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58693596	AM	SOLAR	3.8	N/A		0.9	0.973	0.993	1.033	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58726604	AM	SOLAR	3.8	N/A		0.9	0.950	0.980	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58701001	AM	SOLAR	35.2	N/A		0.9	0.960	0.990	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58671656	AM	SOLAR	11.4	N/A		0.9	0.955	0.985	1.035	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58742956	AM	SOLAR	5	N/A		0.9	0.980	1.000	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58715940	AM	SOLAR	6	N/A		0.9	0.960	0.990	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58683420	AM	SOLAR	3.8	N/A		0.9	0.960	0.990	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58696641	AM	SOLAR	10	N/A		0.9	0.980	1.000	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58713921	AM	SOLAR	10	N/A		0.9	0.962	0.982	1.022	1.042	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58698960	AM	SOLAR	10	N/A		0.9	0.968	0.988	1.028	1.048	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58633071	AM	SOLAR	7.6	N/A		0.9	0.960	0.990	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58743492	AM	SOLAR	5	N/A		0.9	0.950	0.974	1.034	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58627122	AM	SOLAR	11.4	N/A		0.9	0.953	0.983	1.033	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58673944	AM	SOLAR	11.4	N/A		0.9	0.950	0.970	1.030	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58674699	AM	SOLAR	7.68	BATTERY		0.9	0.960	0.990	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58714217	AM	SOLAR	16	N/A		0.9	0.980	1.000	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58726260	AM	SOLAR	5	N/A		0.9	0.971	0.991	1.031	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58683102	AM	SOLAR	7.6	N/A		0.9	0.973	0.993	1.033	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58706980	AM	SOLAR	6	N/A		0.9	0.950	0.966	1.026	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58722670	AM	SOLAR	3.8	N/A		0.9	0.957	0.987	1.037	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58722012	AM	SOLAR	3.8	N/A		0.9	0.950	0.965	1.025	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58673413	AM	SOLAR	7.6	N/A		0.9	0.950	0.969	1.029	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58717751	AM	SOLAR	19	N/A		0.9	0.952	0.982	1.032	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58713114	AM	SOLAR	7.6	BATTERY		0.9	0.956	0.986	1.036	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58713618	AM	SOLAR	6	N/A		0.9	0.980	1.000	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58717380	AM	SOLAR	7.6	N/A		0.9	0.980	1.000	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58715350	AM	SOLAR	7.6	N/A		0.9	0.972	0.992	1.032	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58700054	AM	SOLAR	3.8	N/A		0.9	0.980	1.000	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58720701	AM	SOLAR	6	N/A		0.9	0.980	1.000	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58622110	AM	SOLAR	5	N/A		0.9	0.950	0.978	1.038	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58719409	AM	SOLAR	7.6	N/A		0.9	0.950	0.972	1.032	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58718393	AM	SOLAR	16.4	N/A		0.9	0.977	0.997	1.037	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58672052	AM	SOLAR	10	N/A		0.9	0.950	0.973	1.033	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44

58713257	AM	SOLAR	6	N/A		0.9	0.950	0.966	1.016	1.046	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58688044	AM	SOLAR	10	N/A		0.9	0.960	0.990	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58715277	AM	SOLAR	10	N/A		0.9	0.950	0.973	1.033	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58710774	AM	SOLAR	3.8	N/A		0.9	0.957	0.977	1.017	1.037	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58647713	AM	SOLAR	7.6	N/A		0.9	0.950	0.963	1.023	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58615279	AM	SOLAR	10	N/A		0.9	0.980	1.000	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58693020	AM	SOLAR	5	N/A		0.9	0.950	0.978	1.038	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58723722	AM	SOLAR	3.8	N/A		0.9	0.963	0.983	1.023	1.043	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58742375	AM	SOLAR	17.6	N/A		0.9	0.950	0.975	1.035	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58678920	AM	SOLAR	10	N/A		0.9	0.976	0.996	1.036	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58745871	AM	SOLAR	7.6	N/A		0.9	0.967	0.987	1.037	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58683476	AM	SOLAR	7.6	N/A		0.9	0.950	0.964	1.024	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58703002	AM	SOLAR	10	N/A		0.9	0.950	0.961	1.011	1.041	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58698335	AM	SOLAR	11.4	N/A		0.9	0.975	0.995	1.035	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58691753	AM	SOLAR	7.68	N/A		0.9	0.950	0.974	1.034	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58702704	AM	SOLAR	7.6	N/A		0.9	0.970	0.990	1.030	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58719541	AM	SOLAR	12	N/A		0.9	0.956	0.986	1.036	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58689516	AM	SOLAR	11.4	N/A		0.9	0.953	0.983	1.033	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58722043	AM	SOLAR	13.6	N/A		0.9	0.950	0.967	1.027	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58635227	AM	SOLAR	12	N/A		0.9	0.953	0.983	1.033	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58714215	AM	SOLAR	20	N/A		0.9	0.950	0.979	1.039	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58746243	AM	SOLAR	5	N/A		0.9	0.950	0.973	1.033	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58659153	AM	SOLAR	10	N/A		0.9	0.950	0.961	1.021	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58741725	AM	SOLAR	10	N/A		0.9	0.959	0.989	1.039	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58717669	AM	SOLAR	13.8	N/A		0.9	0.980	1.000	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58725788	AM	SOLAR	10	N/A		0.9	0.960	0.990	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58666672	AM	SOLAR	10	N/A		0.9	0.964	0.984	1.024	1.044	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58643745	AM	SOLAR	11	BATTERY		0.9	0.950	0.968	1.028	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58714054	AM	SOLAR	19	BATTERY		0.9	0.960	0.990	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58707893	AM	SOLAR	15.2	N/A		0.9	0.950	0.960	1.010	1.040	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58699195	AM	SOLAR	7	N/A		0.9	0.960	0.990	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58716356	AM	SOLAR	5	N/A		0.9	0.967	0.987	1.027	1.047	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58725638	AM	SOLAR	7.6	N/A		0.9	0.956	0.986	1.036	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58698624	AM	SOLAR	17.28	N/A		0.9	0.980	1.000	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58677674	AM	SOLAR	12	N/A		0.9	0.960	0.990	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58681783	AM	SOLAR	6	N/A		0.9	0.950	0.962	1.022	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58706747	AM	SOLAR	16.4	N/A		0.9	0.953	0.983	1.033	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58687813	AM	SOLAR	5	N/A		0.9	0.950	0.967	1.027	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58693827	AM	SOLAR	6	N/A		0.9	0.960	0.990	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58717456	AM	SOLAR	10	N/A		0.9	0.960	0.990	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58714989	AM	SOLAR	11.4	N/A		0.9	0.960	0.990	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58690056	AM	SOLAR	10	N/A		0.9	0.953	0.983	1.033	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58672874	AM	SOLAR	9	BATTERY		0.9	0.950	0.964	1.024	1.040	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58650811	AM	SOLAR	7.6	N/A		0.9	0.950	0.961	1.021	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58697370	AM	SOLAR	7.6	N/A		0.9	0.950	0.960	1.020	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58741663	AM	SOLAR	3.8	N/A		0.9	0.950	0.965	1.025	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58716094	AM	SOLAR	5	N/A		0.9	0.960	0.990	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58711994	AM	SOLAR	10	N/A		0.9	0.960	0.990	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58697617	AM	SOLAR	10	N/A		0.9	0.960	0.990	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58633082	AM	SOLAR	15.36	N/A		0.9	0.974	0.994	1.034	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58694093	AM	SOLAR	19	BATTERY		0.9	0.950	0.975	1.035	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58664834	AM	SOLAR	7.6	N/A		0.9	0.956	0.986	1.036	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58698917	AM	SOLAR	10	N/A		0.9	0.980	1.000	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58702840	AM	SOLAR	16	N/A		0.9	0.959	0.989	1.039	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58749002	AM	SOLAR	10	N/A		0.9	0.970	0.990	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58719879	AM	SOLAR	6	N/A		0.9	0.960	0.990	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58695759	AM	SOLAR	480	N/A		0.9	0.950	0.977	1.037	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58709129	AM	SOLAR	13.8	N/A		0.9	0.960	0.990	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58720711	AM	SOLAR	10	N/A		0.9	0.972	0.992	1.032	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58752576	AM	SOLAR	11.4	N/A		0.9	0.960	0.990	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58699983	AM	SOLAR	10	N/A		0.9	0.950	0.977	1.037	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58699745	AM	SOLAR	10	N/A		0.9	0.950	0.974	1.034	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58708643	AM	SOLAR	3	N/A		0.9	0.953	0.983	1.033	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58675398	AM	SOLAR	7.6	BATTERY		0.9	0.950	0.970	1.030	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58746594	AM	SOLAR	11.4	N/A		0.9	0.959	0.989	1.039	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58688103	AM	SOLAR	11.4	N/A		0.9	0.950	0.980	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58713543	AM	SOLAR	10	N/A		0.9	0.959	0.989	1.039	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58669367	AM	SOLAR	15.2	N/A		0.9	0.950	0.970	1.030	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58714857	AM	SOLAR	7.6	N/A		0.9	0.969	0.989	1.029	1.049	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58669132	AM	SOLAR	3.8	N/A		0.9	0.950	0.966	1.026	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58721798	AM	SOLAR	7.6	N/A		0.9	0.980	1.000	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58643009	AM	SOLAR	7.6	N/A		0.9	0.950	0.967	1.027	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58739468	AM	SOLAR	6	N/A		0.9	0.960	0.990	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58668473	AM	SOLAR	11.4	N/A		0.9	0.972	0.992	1.032	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58721820	AM	SOLAR	7.6	N/A		0.9	0.960	0.990	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58711148	AM	SOLAR	11.4	N/A		0.9	0.951	0.981	1.031	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58716924	AM	SOLAR	120	N/A		0.9	0.959	0.989	1.039	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58701481	AM	SOLAR	3.8	N/A		0.9	0.950	0.978	1.038	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58710659	AM	SOLAR	15	BATTERY		0.9	0.960	0.990	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58720160	AM	SOLAR	10	N/A		0.9	0.950	0.971	1.031	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58709671	AM	SOLAR	7.6	N/A		0.9	0.971	0.991	1.031	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58650814	AM	SOLAR	10	N/A		0.9	0.950	0.978	1.038	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58704334	AM	SOLAR	10	N/A		0.9	0.956	0.986	1.036	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58713486	AM	SOLAR	3.8	N/A		0.9	0.952	0.982	1.032	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58691719	AM	SOLAR	3.8	BATTERY		0.9	0.957	0.987	1.037	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58703742	AM	SOLAR	11.4	N/A		0.9	0.959	0.989	1.039	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58692471	AM	SOLAR	6	N/A		0.9	0.950	0.971	1.031	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58697962	AM	SOLAR	11.4	N/A		0.9	0.960	0.990	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58663399	AM	SOLAR	10	N/A		0.9	0.955	0.985	1.035	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58717894	AM	SOLAR	7.6	N/A		0.9	0.956	0.986	1.036	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58663464	AM	SOLAR	7.6	N/A		0.9	0.951	0.981	1.031	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58725671	AM	SOLAR	7.6	N/A		0.9	0.950	0.976	1.036	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58661337	AM	SOLAR	11.4	N/A		0.9	0.952	0.982	1.032	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58673597	AM	SOLAR	6	N/A		0.9	0.950	0.968	1.028	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44

58717631	AM	SOLAR	6	N/A		0.9	0.950	0.974	1.034	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58694604	AM	SOLAR	10	N/A		0.9	0.979	0.999	1.039	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58692925	AM	SOLAR	10	N/A		0.9	0.968	0.988	1.028	1.048	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58678921	AM	SOLAR	15.2	N/A		0.9	0.957	0.977	1.017	1.037	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58724815	AM	SOLAR	11.4	N/A		0.9	0.980	1.000	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58676200	AM	SOLAR	10	N/A		0.9	0.950	0.980	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58663332	AM	SOLAR	5	N/A		0.9	0.953	0.983	1.033	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58710735	AM	SOLAR	10	N/A		0.9	0.953	0.983	1.033	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58688748	AM	SOLAR	10	N/A		0.9	0.950	0.977	1.037	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58717728	AM	SOLAR	7.6	N/A		0.9	0.960	0.990	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58717734	AM	SOLAR	5	N/A		0.9	0.974	0.994	1.034	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58664635	AM	SOLAR	17.4	N/A		0.9	0.956	0.986	1.036	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58665936	AM	SOLAR	6	N/A		0.9	0.950	0.965	1.025	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58719132	AM	SOLAR	3.8	N/A		0.9	0.953	0.983	1.033	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58675473	AM	SOLAR	19	N/A		0.9	0.950	0.978	1.038	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58703613	AM	SOLAR	7.6	N/A		0.9	0.950	0.976	1.036	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58690118	AM	SOLAR	7.6	N/A		0.9	0.980	1.000	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58644483	AM	SOLAR	7.68	N/A		0.9	0.980	1.000	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58676140	AM	SOLAR	10	N/A		0.9	0.953	0.983	1.033	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58740240	AM	SOLAR	3	N/A		0.9	0.952	0.982	1.032	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58743043	AM	SOLAR	6	N/A		0.9	0.950	0.968	1.028	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58743875	AM	SOLAR	6	N/A		0.9	0.954	0.974	1.014	1.034	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58703529	AM	SOLAR	14.4	N/A		0.9	0.950	0.973	1.033	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58690317	AM	SOLAR	7.6	N/A		0.9	0.971	0.991	1.031	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58691870	AM	SOLAR	7.6	N/A		0.9	0.950	0.972	1.032	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58710568	AM	SOLAR	10	N/A		0.9	0.950	0.968	1.028	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58718163	AM	SOLAR	17.6	BATTERY		0.9	0.960	0.990	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58716539	AM	SOLAR	10	N/A		0.9	0.972	0.992	1.032	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58706281	AM	SOLAR	22.8	N/A		0.9	0.953	0.973	1.013	1.033	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58675741	AM	SOLAR	10	N/A		0.9	0.956	0.986	1.036	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58713844	AM	SOLAR	19	N/A		0.9	0.950	0.968	1.018	1.048	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58710106	AM	SOLAR	11.4	N/A		0.9	0.980	1.000	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58708391	AM	SOLAR	7.6	N/A		0.9	0.950	0.974	1.034	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58693220	AM	SOLAR	10	N/A		0.9	0.950	0.964	1.024	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58706385	AM	SOLAR	7.6	N/A		0.9	0.957	0.987	1.037	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58743003	AM	SOLAR	7.6	N/A		0.9	0.950	0.979	1.039	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58710338	AM	SOLAR	11.4	N/A		0.9	0.972	0.992	1.032	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58694334	AM	SOLAR	7.6	N/A		0.9	0.950	0.971	1.031	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58700350	AM	SOLAR	6	N/A		0.9	0.950	0.980	1.030	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58668482	AM	SOLAR	11.4	N/A		0.9	0.960	0.990	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58712443	AM	SOLAR	10	N/A		0.9	0.957	0.987	1.037	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58726421	AM	SOLAR	17.4	N/A		0.9	0.958	0.988	1.038	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58743438	AM	SOLAR	10	N/A		0.9	0.954	0.984	1.034	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58639063	AM	SOLAR	10	N/A		0.9	0.950	0.960	1.010	1.040	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58679147	AM	SOLAR	7.6	N/A		0.9	0.960	0.990	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58697183	AM	SOLAR	10	N/A		0.9	0.951	0.981	1.031	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58696457	AM	SOLAR	10	N/A		0.9	0.950	0.972	1.032	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58643027	AM	SOLAR	10	N/A		0.9	0.950	0.969	1.019	1.049	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58642918	AM	SOLAR	17.4	N/A		0.9	0.954	0.984	1.034	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58647944	AM	SOLAR	7.6	N/A		0.9	0.960	0.990	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58700593	AM	SOLAR	5	N/A		0.9	0.980	1.000	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58675816	AM	SOLAR	11.4	N/A		0.9	0.955	0.985	1.035	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58638453	AM	SOLAR	7.68	N/A		0.9	0.980	1.000	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58715338	AM	SOLAR	11.4	N/A		0.9	0.954	0.984	1.034	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58729327	AM	SOLAR	6	N/A		0.9	0.970	0.990	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58747081	AM	SOLAR	11.4	N/A		0.9	0.953	0.983	1.033	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58714585	AM	SOLAR	12.6	N/A		0.9	0.950	0.969	1.029	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58706534	AM	SOLAR	15.2	N/A		0.9	0.950	0.965	1.025	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58710810	AM	SOLAR	7.6	N/A		0.9	0.960	0.990	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58718693	AM	SOLAR	11.4	N/A		0.9	0.960	0.990	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58694374	AM	SOLAR	5	N/A		0.9	0.950	0.978	1.038	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58692322	AM	SOLAR	3.8	N/A		0.9	0.960	0.990	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58721432	AM	SOLAR	10	N/A		0.9	0.960	0.990	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58624975	AM	SOLAR	11.4	N/A		0.9	0.955	0.985	1.035	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58661447	AM	SOLAR	5	N/A		0.9	0.957	0.987	1.037	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58675671	AM	SOLAR	11.4	N/A		0.9	0.950	0.979	1.039	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58699001	AM	SOLAR	11.4	N/A		0.9	0.954	0.984	1.034	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58747644	AM	SOLAR	6	N/A		0.9	0.980	1.000	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58682161	AM	SOLAR	50	N/A		0.9	0.950	0.980	1.030	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58661410	AM	SOLAR	6	N/A		0.9	0.959	0.989	1.039	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58747215	AM	SOLAR	3.8	N/A		0.9	0.970	0.990	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58723188	AM	SOLAR	15.2	N/A		0.9	0.960	0.990	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58671665	AM	SOLAR	10	N/A		0.9	0.960	0.990	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58697434	AM	SOLAR	15.2	N/A		0.9	0.950	0.965	1.025	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58626131	AM	SOLAR	11.4	N/A		0.9	0.950	0.978	1.038	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58699111	AM	SOLAR	16	N/A		0.9	0.950	0.975	1.035	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58668602	AM	SOLAR	13.8	N/A		0.9	0.980	1.000	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58705308	AM	SOLAR	15.2	N/A		0.9	0.960	0.990	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58706459	AM	SOLAR	7.6	N/A		0.9	0.960	0.990	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58718910	AM	SOLAR	10	N/A		0.9	0.952	0.982	1.032	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58691344	AM	SOLAR	6	N/A		0.9	0.950	0.973	1.033	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58701469	AM	SOLAR	3.8	N/A		0.9	0.956	0.986	1.036	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58682700	AM	SOLAR	6	N/A		0.9	0.960	0.990	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58649659	AM	SOLAR	10	N/A		0.9	0.957	0.987	1.037	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58689403	AM	SOLAR	12	N/A		0.9	0.959	0.989	1.039	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58669964	AM	SOLAR	7.6	N/A		0.9	0.951	0.981	1.031	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58720882	AM	SOLAR	7.6	N/A		0.9	0.954	0.984	1.034	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58715144	AM	SOLAR	16	N/A		0.9	0.959	0.989	1.039	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58704839	AM	SOLAR	13.8	N/A		0.9	0.950	0.967	1.027	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58710434	AM	SOLAR	11.4	N/A		0.9	0.957	0.987	1.037	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58736383	AM	SOLAR	6	N/A		0.9	0.950	0.960	1.010	1.040	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58700700	AM	SOLAR	6	N/A		0.9	0.980	1.000	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58745866	AM	SOLAR	12	N/A		0.9	0.970	0.990	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58700126	AM	SOLAR	6	N/A		0.9	0.960	0.990	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44

58691416	AM	SOLAR	15	N/A		0.9	0.973	0.993	1.033	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58723766	AM	SOLAR	16	N/A		0.9	0.950	0.964	1.014	1.044	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58683549	AM	SOLAR	6	N/A		0.9	0.950	0.960	1.020	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58743588	AM	SOLAR	11.4	N/A		0.9	0.950	0.978	1.038	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58723867	AM	SOLAR	7.6	N/A		0.9	0.951	0.981	1.031	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58647833	AM	SOLAR	10	N/A		0.9	0.950	0.968	1.028	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58751761	AM	SOLAR	17.4	N/A		0.9	0.950	0.967	1.027	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58691969	AM	SOLAR	7.6	N/A		0.9	0.960	0.990	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58683416	AM	SOLAR	7.6	N/A		0.9	0.970	0.990	1.030	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58704029	AM	SOLAR	10	N/A		0.9	0.960	0.990	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58704440	AM	SOLAR	11.4	N/A		0.9	0.953	0.983	1.033	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58703286	AM	SOLAR	13.6	N/A		0.9	0.950	0.960	1.010	1.040	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58692979	AM	SOLAR	11.4	N/A		0.9	0.950	0.976	1.036	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58658167	AM	SOLAR	13.6	N/A		0.9	0.975	0.995	1.035	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58694409	AM	SOLAR	7.6	N/A		0.9	0.950	0.969	1.029	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58707570	AM	SOLAR	7.6	N/A		0.9	0.958	0.988	1.038	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58676705	AM	SOLAR	17.4	N/A		0.9	0.956	0.986	1.036	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58707472	AM	SOLAR	5	N/A		0.9	0.960	0.990	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58712330	AM	SOLAR	11.4	N/A		0.9	0.950	0.972	1.032	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58672469	AM	SOLAR	3.8	N/A		0.9	0.960	0.990	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58691578	AM	SOLAR	6	N/A		0.9	0.960	0.990	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58679123	AM	SOLAR	6	N/A		0.9	0.960	0.990	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58641395	AM	SOLAR	7.6	N/A		0.9	0.950	0.977	1.037	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58688367	AM	SOLAR	11.52	N/A		0.9	0.978	0.998	1.038	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58663781	AM	SOLAR	6	N/A		0.9	0.980	1.000	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58705797	AM	SOLAR	10	N/A		0.9	0.980	1.000	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58643070	AM	SOLAR	3.84	BATTERY		0.9	0.980	1.000	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58738862	AM	SOLAR	3.8	N/A		0.9	0.960	0.990	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58751875	AM	SOLAR	12.6	N/A		0.9	0.960	0.990	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58711125	AM	SOLAR	10	N/A		0.9	0.950	0.974	1.034	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58721591	AM	SOLAR	7.6	N/A		0.9	0.950	0.969	1.019	1.049	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58676946	AM	SOLAR	22.8	N/A		0.9	0.951	0.981	1.031	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58644584	AM	SOLAR	11.4	N/A		0.9	0.950	0.960	1.020	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58690785	AM	SOLAR	11.4	N/A		0.9	0.950	0.978	1.038	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58703277	AM	SOLAR	11	BATTERY		0.9	0.950	0.970	1.030	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58692906	AM	SOLAR	14.4	N/A		0.9	0.950	0.971	1.031	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58663729	AM	SOLAR	6	N/A		0.9	0.960	0.990	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58696458	AM	SOLAR	3.8	N/A		0.9	0.959	0.979	1.019	1.039	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58631544	AM	SOLAR	13.6	N/A		0.9	0.950	0.964	1.024	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58716544	AM	SOLAR	10	N/A		0.9	0.954	0.984	1.034	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58709997	AM	SOLAR	15	N/A		0.9	0.980	1.000	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58716357	AM	SOLAR	10	N/A		0.9	0.950	0.975	1.035	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58638622	AM	SOLAR	6	N/A		0.9	0.954	0.984	1.034	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58719360	AM	SOLAR	11.4	N/A		0.9	0.951	0.981	1.031	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58725106	AM	SOLAR	13.8	N/A		0.9	0.951	0.981	1.031	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58675307	AM	SOLAR	5	N/A		0.9	0.979	0.999	1.039	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58645777	AM	SOLAR	5	N/A		0.9	0.976	0.996	1.036	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58678690	AM	SOLAR	15	N/A		0.9	0.955	0.985	1.035	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58663775	AM	SOLAR	10	N/A		0.9	0.957	0.987	1.037	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58720613	AM	SOLAR	10	N/A		0.9	0.980	1.000	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58636846	AM	SOLAR	7.6	N/A		0.9	0.950	0.960	1.010	1.040	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58718119	AM	SOLAR	7.6	N/A		0.9	0.980	1.000	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58691097	AM	SOLAR	6	N/A		0.9	0.950	0.960	1.010	1.040	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58709155	AM	SOLAR	15.2	N/A		0.9	0.960	0.990	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58682004	AM	SOLAR	7.6	N/A		0.9	0.960	0.990	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58694855	AM	SOLAR	6	N/A		0.9	0.950	0.964	1.014	1.044	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58635496	AM	SOLAR	10	N/A		0.9	0.953	0.983	1.033	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58657211	AM	SOLAR	10	N/A		0.9	0.959	0.989	1.039	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58690218	AM	SOLAR	7.6	N/A		0.9	0.950	0.969	1.019	1.049	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58716263	AM	SOLAR	5	N/A		0.9	0.953	0.983	1.033	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58695239	AM	SOLAR	13.6	N/A		0.9	0.950	0.970	1.030	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58696620	AM	SOLAR	11.4	N/A		0.9	0.950	0.970	1.030	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58723383	AM	SOLAR	16	N/A		0.9	0.957	0.987	1.037	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58640631	AM	SOLAR	21.12	N/A		0.9	0.973	0.993	1.033	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58718804	AM	SOLAR	19	N/A		0.9	0.950	0.976	1.035	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58713369	AM	SOLAR	3.8	N/A		0.9	0.950	0.963	1.023	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58696453	AM	SOLAR	7.6	N/A		0.9	0.980	1.000	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58642802	AM	SOLAR	6	N/A		0.9	0.950	0.968	1.028	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58678672	AM	SOLAR	10	N/A		0.9	0.960	0.990	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58720460	AM	SOLAR	10	N/A		0.9	0.957	0.987	1.037	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58691337	AM	SOLAR	3	N/A		0.9	0.973	0.993	1.033	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58720447	AM	SOLAR	7.6	N/A		0.9	0.955	0.985	1.035	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58697212	AM	SOLAR	11.4	N/A		0.9	0.950	0.961	1.021	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58660138	AM	SOLAR	10	N/A		0.9	0.950	0.964	1.024	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58677702	AM	SOLAR	6	N/A		0.9	0.950	0.963	1.023	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58714407	AM	SOLAR	7.6	N/A		0.9	0.954	0.984	1.034	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58702695	AM	SOLAR	10	N/A		0.9	0.950	0.960	1.010	1.040	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58679070	AM	SOLAR	3.8	N/A		0.9	0.954	0.984	1.034	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58703327	AM	SOLAR	10	N/A		0.9	0.950	0.976	1.036	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58689333	AM	SOLAR	7.6	N/A		0.9	0.955	0.985	1.035	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58671893	AM	SOLAR	11.4	N/A		0.9	0.960	0.990	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58631662	AM	SOLAR	10	N/A		0.9	0.950	0.968	1.028	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58702139	AM	SOLAR	3	N/A		0.9	0.956	0.986	1.036	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58693850	AM	SOLAR	17.4	N/A		0.9	0.952	0.982	1.032	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58672064	AM	SOLAR	12	N/A		0.9	0.960	0.990	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58728168	AM	SOLAR	6	N/A		0.9	0.956	0.986	1.036	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58698819	AM	SOLAR	6	N/A		0.9	0.950	0.972	1.032	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58674382	AM	SOLAR	7.6	N/A		0.9	0.957	0.987	1.037	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58696978	AM	SOLAR	3.8	N/A		0.9	0.950	0.970	1.030	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58704412	AM	SOLAR	12.6	N/A		0.9	0.979	0.999	1.039	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58695093	AM	SOLAR	3.8	N/A		0.9	0.958	0.988	1.038	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58659098	AM	SOLAR	11.4	N/A		0.9	0.980	1.000	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58702460	AM	SOLAR	7.6	N/A		0.9	0.950	0.979	1.039	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58714582	AM	SOLAR	13.8	N/A		0.9	0.950	0.978	1.038	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44

58647442	AM	SOLAR	10	N/A		0.9	0.950	0.962	1.022	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58683519	AM	SOLAR	5	N/A		0.9	0.959	0.989	1.039	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58746494	AM	SOLAR	5	N/A		0.9	0.960	0.990	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58688513	AM	SOLAR	10	N/A		0.9	0.950	0.974	1.034	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58713661	AM	SOLAR	7.6	N/A		0.9	0.950	0.973	1.033	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58746972	AM	SOLAR	15.2	N/A		0.9	0.960	0.990	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58675835	AM	SOLAR	7.6	N/A		0.9	0.955	0.985	1.035	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58653429	AM	SOLAR	11	BATTERY		0.9	0.950	0.978	1.038	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58689062	AM	SOLAR	8.64	N/A		0.9	0.960	0.990	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58646608	AM	SOLAR	11.4	N/A		0.9	0.980	1.000	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58691783	AM	SOLAR	8	N/A		0.9	0.952	0.972	1.012	1.032	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58691743	AM	SOLAR	3.8	N/A		0.9	0.955	0.985	1.035	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58691514	AM	SOLAR	21.4	N/A		0.9	0.950	0.974	1.034	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58708571	AM	SOLAR	7.6	N/A		0.9	0.970	0.990	1.030	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58745762	AM	SOLAR	7.6	N/A		0.9	0.950	0.971	1.031	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58689327	AM	SOLAR	6	N/A		0.9	0.959	0.989	1.039	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58718875	AM	SOLAR	10	N/A		0.9	0.950	0.979	1.039	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58690047	AM	SOLAR	5	N/A		0.9	0.960	0.990	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58672295	AM	SOLAR	10	N/A		0.9	0.950	0.972	1.032	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58689517	AM	SOLAR	6	N/A		0.9	0.960	0.990	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58709093	AM	SOLAR	10	N/A		0.9	0.950	0.972	1.032	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58705016	AM	SOLAR	16	N/A		0.9	0.956	0.986	1.036	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58683466	AM	SOLAR	15.2	N/A		0.9	0.955	0.985	1.035	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58694778	AM	SOLAR	11.4	N/A		0.9	0.950	0.977	1.037	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58706023	AM	SOLAR	10	N/A		0.9	0.956	0.986	1.036	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58653612	AM	SOLAR	10	N/A		0.9	0.950	0.965	1.025	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58682171	AM	SOLAR	10	N/A		0.9	0.971	0.991	1.031	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58681465	AM	SOLAR	11.4	N/A		0.9	0.950	0.961	1.011	1.041	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58651527	AM	SOLAR	17.28	BATTERY		0.9	0.950	0.974	1.034	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58696723	AM	SOLAR	11.4	N/A		0.9	0.950	0.977	1.037	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58688260	AM	SOLAR	10	N/A		0.9	0.957	0.987	1.037	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58698989	AM	SOLAR	17.4	N/A		0.9	0.950	0.976	1.036	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58695317	AM	SOLAR	10	N/A		0.9	0.952	0.982	1.032	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58725687	AM	SOLAR	10	N/A		0.9	0.953	0.983	1.033	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58690996	AM	SOLAR	6	N/A		0.9	0.979	0.999	1.039	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58642992	AM	SOLAR	15	N/A		0.9	0.951	0.981	1.031	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58694421	AM	SOLAR	11.4	N/A		0.9	0.978	0.998	1.038	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58721890	AM	SOLAR	15	N/A		0.9	0.957	0.987	1.037	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58715858	AM	SOLAR	13.8	N/A		0.9	0.959	0.989	1.039	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58652279	AM	SOLAR	6	N/A		0.9	0.980	1.000	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58705576	AM	SOLAR	7.6	N/A		0.9	0.960	0.990	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58709299	AM	SOLAR	10	N/A		0.9	0.953	0.983	1.033	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58708815	AM	SOLAR	7.6	N/A		0.9	0.960	0.990	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58720880	AM	SOLAR	6	N/A		0.9	0.980	1.000	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58724295	AM	SOLAR	6	N/A		0.9	0.980	1.000	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58710350	AM	SOLAR	7.6	N/A		0.9	0.950	0.973	1.033	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58741216	AM	SOLAR	11.4	N/A		0.9	0.951	0.981	1.031	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58695524	AM	SOLAR	7.6	N/A		0.9	0.979	0.999	1.039	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58647446	AM	SOLAR	15.2	N/A		0.9	0.950	0.965	1.025	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58734645	AM	SOLAR	12.6	N/A		0.9	0.952	0.982	1.032	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58705309	AM	SOLAR	13	N/A		0.9	0.950	0.970	1.030	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58697832	AM	SOLAR	11.4	N/A		0.9	0.957	0.987	1.037	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58703643	AM	SOLAR	7.6	N/A		0.9	0.980	1.000	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58698359	AM	SOLAR	7.6	N/A		0.9	0.950	0.979	1.039	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58746260	AM	SOLAR	13.8	N/A		0.9	0.960	0.990	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58713755	AM	SOLAR	15.2	N/A		0.9	0.950	0.980	1.030	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58710665	AM	SOLAR	15.2	N/A		0.9	0.958	0.988	1.038	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58700356	AM	SOLAR	11.4	N/A		0.9	0.950	0.962	1.022	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58666110	AM	SOLAR	7.6	N/A		0.9	0.960	0.990	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58625443	AM	SOLAR	10	N/A		0.9	0.957	0.987	1.037	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58698356	AM	SOLAR	10	N/A		0.9	0.980	1.000	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58711523	AM	SOLAR	22.8	N/A		0.9	0.960	0.990	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58746100	AM	SOLAR	12	N/A		0.9	0.960	0.990	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58705403	AM	SOLAR	6	N/A		0.9	0.958	0.988	1.038	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58716510	AM	SOLAR	6	N/A		0.9	0.950	0.977	1.037	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58723065	AM	SOLAR	7.6	N/A		0.9	0.958	0.988	1.038	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58665957	AM	SOLAR	6	N/A		0.9	0.950	0.964	1.024	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58709750	AM	SOLAR	17.4	N/A		0.9	0.980	1.000	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58694898	AM	SOLAR	7.6	N/A		0.9	0.954	0.984	1.034	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58690995	AM	SOLAR	11.4	N/A		0.9	0.950	0.968	1.028	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58745915	AM	SOLAR	5	N/A		0.9	0.960	0.990	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58682701	AM	SOLAR	7.6	N/A		0.9	0.950	0.970	1.035	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58624173	AM	SOLAR	6	N/A		0.9	0.980	1.000	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58745534	AM	SOLAR	15.2	N/A		0.9	0.968	0.988	1.038	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58678906	AM	SOLAR	15.2	N/A		0.9	0.972	0.992	1.032	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58721795	AM	SOLAR	7.6	BATTERY		0.9	0.950	0.963	1.023	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58698082	AM	SOLAR	3.3	N/A		0.9	0.950	0.973	1.033	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58654951	AM	SOLAR	7.6	N/A		0.9	0.980	1.000	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58624830	AM	SOLAR	10	N/A		0.9	0.958	0.988	1.038	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58703523	AM	SOLAR	5	N/A		0.9	0.950	0.980	1.030	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58638420	AM	SOLAR	5	N/A		0.9	0.950	0.960	1.010	1.040	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58690486	AM	SOLAR	7.6	N/A		0.9	0.954	0.984	1.034	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58716189	AM	SOLAR	10	N/A		0.9	0.960	0.990	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58698334	AM	SOLAR	7.6	N/A		0.9	0.969	0.989	1.029	1.049	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58746843	AM	SOLAR	3.8	N/A		0.9	0.960	0.990	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58728405	AM	SOLAR	10	N/A		0.9	0.970	0.990	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58693889	AM	SOLAR	16	N/A		0.9	0.950	0.975	1.035	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58748180	AM	SOLAR	11.4	N/A		0.9	0.960	0.990	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58664721	AM	SOLAR	6	N/A		0.9	0.960	0.990	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58731851	AM	SOLAR	11.4	N/A		0.9	0.956	0.986	1.036	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58692784	AM	SOLAR	7.6	N/A		0.9	0.960	0.990	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58721667	AM	SOLAR	6	N/A		0.9	0.960	0.990	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58720362	AM	SOLAR	10	N/A		0.9	0.953	0.983	1.033	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58680624	AM	SOLAR	10	N/A		0.9	0.977	0.997	1.037	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44

58687638	AM	SOLAR	6	N/A		0.9	0.971	0.991	1.031	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58729167	AM	SOLAR	7.6	N/A		0.9	0.960	0.990	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58651176	AM	SOLAR	15.2	N/A		0.9	0.960	0.990	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58688222	AM	SOLAR	17.4	N/A		0.9	0.960	0.990	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58706012	AM	SOLAR	7.6	N/A		0.9	0.976	0.996	1.036	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58667737	AM	SOLAR	10	N/A		0.9	0.960	0.990	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58706357	AM	SOLAR	10	N/A		0.9	0.960	0.990	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58667673	AM	SOLAR	7.6	N/A		0.9	0.950	0.963	1.023	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58718327	AM	SOLAR	6	N/A		0.9	0.970	0.990	1.030	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58643629	AM	SOLAR	9.8	N/A		0.9	0.950	0.970	1.030	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58680354	AM	SOLAR	15.2	N/A		0.9	0.950	0.969	1.029	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58749905	AM	SOLAR	3	N/A		0.9	0.960	0.990	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58726557	AM	SOLAR	5	N/A		0.9	0.960	0.990	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58707459	AM	SOLAR	6	N/A		0.9	0.955	0.975	1.015	1.035	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58665493	AM	SOLAR	10	N/A		0.9	0.980	1.000	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58720684	AM	SOLAR	11.4	N/A		0.9	0.950	0.964	1.024	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58610539	AM	SOLAR	25	N/A		0.9	0.950	0.966	1.026	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58700950	AM	SOLAR	6	N/A		0.9	0.958	0.988	1.038	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58716669	AM	SOLAR	10	N/A		0.9	0.976	0.996	1.036	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58716325	AM	SOLAR	10	N/A		0.9	0.950	0.969	1.029	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58716212	AM	SOLAR	11.4	N/A		0.9	0.950	0.970	1.030	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58715970	AM	SOLAR	22.8	N/A		0.9	0.960	0.990	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58649246	AM	SOLAR	7.6	N/A		0.9	0.955	0.985	1.035	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58717947	AM	SOLAR	17.4	N/A		0.9	0.960	0.990	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58709607	AM	SOLAR	6	N/A		0.9	0.960	0.990	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58720879	AM	SOLAR	11.4	N/A		0.9	0.980	1.000	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58723912	AM	SOLAR	10	N/A		0.9	0.950	0.974	1.034	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58680151	AM	SOLAR	7.6	N/A		0.9	0.959	0.989	1.039	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58710739	AM	SOLAR	6	N/A		0.9	0.972	0.992	1.032	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58693584	AM	SOLAR	15.2	N/A		0.9	0.950	0.972	1.032	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58709705	AM	SOLAR	7.6	N/A		0.9	0.950	0.980	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58717268	AM	SOLAR	6	N/A		0.9	0.980	1.000	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58703853	AM	SOLAR	7.6	N/A		0.9	0.960	0.990	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58691639	AM	SOLAR	5	N/A		0.9	0.950	0.974	1.034	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58642237	AM	SOLAR	5	N/A		0.9	0.956	0.986	1.036	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58649046	AM	SOLAR	10	N/A		0.9	0.980	1.000	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58710691	AM	SOLAR	7.6	BATTERY		0.9	0.950	0.969	1.029	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58636699	AM	SOLAR	6	N/A		0.9	0.973	0.993	1.033	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58751394	AM	SOLAR	6	N/A		0.9	0.960	0.990	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58694869	AM	SOLAR	11.4	N/A		0.9	0.950	0.975	1.035	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58649845	AM	SOLAR	12	N/A		0.9	0.974	0.994	1.034	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58700345	AM	SOLAR	6	N/A		0.9	0.980	1.000	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58705089	AM	SOLAR	15.2	N/A		0.9	0.960	0.990	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58638637	AM	SOLAR	7.6	N/A		0.9	0.950	0.990	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58696331	AM	SOLAR	14.4	N/A		0.9	0.950	0.965	1.025	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58630114	AM	SOLAR	15.2	N/A		0.9	0.959	0.989	1.039	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58688134	AM	SOLAR	7.6	N/A		0.9	0.970	0.990	1.030	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58669787	AM	SOLAR	6	N/A		0.9	0.952	0.982	1.032	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58704627	AM	SOLAR	10	N/A		0.9	0.957	0.987	1.037	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58691867	AM	SOLAR	3	N/A		0.9	0.950	0.971	1.031	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58694085	AM	SOLAR	12	N/A		0.9	0.957	0.987	1.037	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58690572	AM	SOLAR	7.6	N/A		0.9	0.960	0.990	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58737205	AM	SOLAR	6	N/A		0.9	0.950	0.980	1.030	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58690054	AM	SOLAR	17.6	N/A		0.9	0.950	0.977	1.037	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58702857	AM	SOLAR	16	N/A		0.9	0.957	0.987	1.037	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58680118	AM	SOLAR	10	N/A		0.9	0.950	0.963	1.023	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58689190	AM	SOLAR	10	N/A		0.9	0.950	0.971	1.031	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58708688	AM	SOLAR	11.4	N/A		0.9	0.950	0.974	1.034	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58690998	AM	SOLAR	7.6	N/A		0.9	0.976	0.996	1.036	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58676982	AM	SOLAR	10	N/A		0.9	0.960	0.990	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58679321	AM	SOLAR	6	N/A		0.9	0.980	1.000	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58744452	AM	SOLAR	7.6	N/A		0.9	0.970	0.990	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58707807	AM	SOLAR	11.4	N/A		0.9	0.960	0.990	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58739370	AM	SOLAR	3	N/A		0.9	0.966	0.986	1.036	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58674057	AM	SOLAR	10	N/A		0.9	0.954	0.984	1.034	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58688578	AM	SOLAR	10	N/A		0.9	0.980	1.000	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58646229	AM	SOLAR	10	N/A		0.9	0.957	0.987	1.037	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58716205	AM	SOLAR	23.8	N/A		0.9	0.980	1.000	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58706706	AM	SOLAR	7.6	N/A		0.9	0.950	0.968	1.028	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58701552	AM	SOLAR	15.2	N/A		0.9	0.950	0.960	1.010	1.040	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58711460	AM	SOLAR	6	N/A		0.9	0.975	0.995	1.035	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58669119	AM	SOLAR	3.8	N/A		0.9	0.957	0.987	1.037	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58633025	AM	SOLAR	3.8	N/A		0.9	0.978	0.998	1.038	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58736753	AM	SOLAR	15.36	N/A		0.9	0.950	0.974	1.034	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58711968	AM	SOLAR	11.4	N/A		0.9	0.980	1.000	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58690449	AM	SOLAR	7.6	N/A		0.9	0.970	0.990	1.030	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58722824	AM	SOLAR	7.6	N/A		0.9	0.974	0.994	1.034	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58692768	AM	SOLAR	11.4	N/A		0.9	0.980	1.000	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58715253	AM	SOLAR	10	N/A		0.9	0.950	0.961	1.021	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58715256	AM	SOLAR	7.6	N/A		0.9	0.950	0.966	1.026	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58679825	AM	SOLAR	11.4	N/A		0.9	0.950	0.972	1.032	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58712518	AM	SOLAR	11.4	N/A		0.9	0.953	0.983	1.033	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58668203	AM	SOLAR	10	N/A		0.9	0.950	0.969	1.029	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58721949	AM	SOLAR	7.6	N/A		0.9	0.950	0.974	1.034	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58720649	AM	SOLAR	6	N/A		0.9	0.956	0.986	1.036	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58687676	AM	SOLAR	10	N/A		0.9	0.980	1.000	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58683574	AM	SOLAR	7.6	N/A		0.9	0.950	0.969	1.029	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58722951	AM	SOLAR	7.6	N/A		0.9	0.960	0.990	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58724809	AM	SOLAR	5	N/A		0.9	0.952	0.982	1.032	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58660230	AM	SOLAR	6	N/A		0.9	0.956	0.986	1.036	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58706228	AM	SOLAR	3.8	N/A		0.9	0.956	0.986	1.036	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58750173	AM	SOLAR	7.6	N/A		0.9	0.960	0.990	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58673067	AM	SOLAR	10	N/A		0.9	0.958	0.988	1.038	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58706657	AM	SOLAR	7.6	N/A		0.9	0.950	0.969	1.029	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44

58746399	AM	SOLAR	10	N/A		0.9	0.960	0.990	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58692361	AM	SOLAR	15	BATTERY		0.9	0.950	0.972	1.032	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58669309	AM	SOLAR	10	N/A		0.9	0.950	0.966	1.016	1.046	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58660129	AM	SOLAR	11.4	N/A		0.9	0.960	0.990	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58644421	AM	SOLAR	3.8	N/A		0.9	0.960	0.990	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58643029	AM	SOLAR	6	N/A		0.9	0.980	1.000	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58710120	AM	SOLAR	6	N/A		0.9	0.950	0.975	1.035	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58712382	AM	SOLAR	14.4	N/A		0.9	0.950	0.975	1.035	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58691310	AM	SOLAR	11.4	N/A		0.9	0.960	0.990	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58647399	AM	SOLAR	6	BATTERY		0.9	0.955	0.985	1.035	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58620438	AM	SOLAR	22.8	N/A		0.9	0.960	0.980	1.020	1.040	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58744614	AM	SOLAR	11.4	N/A		0.9	0.950	0.966	1.026	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58651865	AM	SOLAR	7.6	N/A		0.9	0.950	0.976	1.036	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58695029	AM	SOLAR	12	N/A		0.9	0.976	0.996	1.036	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58723798	AM	SOLAR	6	N/A		0.9	0.957	0.987	1.037	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58643019	AM	SOLAR	15.2	N/A		0.9	0.951	0.981	1.031	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58700080	AM	SOLAR	5	N/A		0.9	0.960	0.990	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58697342	AM	SOLAR	6	N/A		0.9	0.950	0.973	1.033	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58696901	AM	SOLAR	5	N/A		0.9	0.950	0.974	1.034	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58725556	AM	SOLAR	3.8	N/A		0.9	0.952	0.982	1.032	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58707933	AM	SOLAR	7.6	N/A		0.9	0.980	1.000	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58690080	AM	SOLAR	3	N/A		0.9	0.954	0.984	1.034	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58710223	AM	SOLAR	10	N/A		0.9	0.950	0.962	1.022	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58695300	AM	SOLAR	20	N/A		0.9	0.950	0.965	1.015	1.045	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58706019	AM	SOLAR	10	N/A		0.9	0.965	0.985	1.025	1.045	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58675914	AM	SOLAR	7.68	BATTERY		0.9	0.975	0.995	1.035	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58691289	AM	SOLAR	10	N/A		0.9	0.950	0.968	1.028	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58661405	AM	SOLAR	7.6	N/A		0.9	0.967	0.987	1.027	1.047	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58700427	AM	SOLAR	11.4	N/A		0.9	0.958	0.988	1.038	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58720943	AM	SOLAR	3.8	N/A		0.9	0.950	0.975	1.035	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58646374	AM	SOLAR	7.6	N/A		0.9	0.954	0.984	1.034	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58725752	AM	SOLAR	11.4	N/A		0.9	0.960	0.990	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58702924	AM	SOLAR	3.8	N/A		0.9	0.951	0.981	1.031	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58714463	AM	SOLAR	3.8	N/A		0.9	0.950	0.969	1.029	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58729216	AM	SOLAR	7.6	N/A		0.9	0.960	0.990	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58689510	AM	SOLAR	7.6	N/A		0.9	0.954	0.984	1.034	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58697813	AM	SOLAR	6	N/A		0.9	0.959	0.989	1.039	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58698399	AM	SOLAR	38	N/A		0.9	0.980	1.000	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58715250	AM	SOLAR	6	N/A		0.9	0.978	0.998	1.038	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58658526	AM	SOLAR	10	N/A		0.9	0.950	0.962	1.022	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58630194	AM	SOLAR	10	N/A		0.9	0.950	0.969	1.029	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58646346	AM	SOLAR	5	N/A		0.9	0.960	0.990	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58651611	AM	SOLAR	7.6	N/A		0.9	0.951	0.981	1.031	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58660123	AM	SOLAR	7.6	N/A		0.9	0.980	1.000	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58744621	AM	SOLAR	7.6	N/A		0.9	0.960	0.990	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58700832	AM	SOLAR	5	N/A		0.9	0.974	0.994	1.034	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58691254	AM	SOLAR	7.6	N/A		0.9	0.956	0.986	1.036	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58720522	AM	SOLAR	11.4	N/A		0.9	0.960	0.990	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58604248	AM	SOLAR	11.4	N/A		0.9	0.975	0.995	1.035	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58665958	AM	SOLAR	9.6	N/A		0.9	0.955	0.985	1.035	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58691750	AM	SOLAR	6	BATTERY		0.9	0.980	1.000	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58674335	AM	SOLAR	11.4	N/A		0.9	0.980	1.000	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58702025	AM	SOLAR	5	N/A		0.9	0.962	0.982	1.022	1.042	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58723386	AM	SOLAR	11.4	N/A		0.9	0.950	0.974	1.034	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58646223	AM	SOLAR	10	N/A		0.9	0.960	0.990	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58642699	AM	SOLAR	7.6	N/A		0.9	0.950	0.961	1.021	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58669034	AM	SOLAR	10	N/A		0.9	0.953	0.983	1.033	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58645183	AM	SOLAR	7.6	N/A		0.9	0.960	0.990	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58709338	AM	SOLAR	5	N/A		0.9	0.951	0.981	1.031	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58711199	AM	SOLAR	11.4	N/A		0.9	0.960	0.990	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58689465	AM	SOLAR	11.4	N/A		0.9	0.950	0.974	1.034	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58696585	AM	SOLAR	11.4	N/A		0.9	0.960	0.990	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58753304	AM	SOLAR	3	N/A		0.9	0.960	0.990	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58694179	AM	SOLAR	7.6	N/A		0.9	0.951	0.981	1.031	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58705386	AM	SOLAR	15	N/A		0.9	0.950	0.978	1.038	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58698646	AM	SOLAR	7.6	BATTERY		0.9	0.980	1.000	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58675100	AM	SOLAR	12	N/A		0.9	0.971	0.991	1.031	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58702766	AM	SOLAR	7.6	N/A		0.9	0.958	0.988	1.038	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58716320	AM	SOLAR	6	N/A		0.9	0.959	0.979	1.019	1.039	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58690352	AM	SOLAR	7.6	N/A		0.9	0.980	1.000	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58622017	AM	SOLAR	9.8	N/A		0.9	0.979	0.999	1.039	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58693603	AM	SOLAR	10	N/A		0.9	0.960	0.990	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58673556	AM	SOLAR	6	N/A		0.9	0.960	0.990	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58696877	AM	SOLAR	7.6	N/A		0.9	0.971	0.991	1.031	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58652058	AM	SOLAR	11.4	N/A		0.9	0.960	0.990	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58638857	AM	SOLAR	10	N/A		0.9	0.950	0.977	1.037	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58745436	AM	SOLAR	5	N/A		0.9	0.980	1.000	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58704844	AM	SOLAR	7.6	N/A		0.9	0.953	0.983	1.033	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58708025	AM	SOLAR	16	N/A		0.9	0.950	0.980	1.030	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58643794	AM	SOLAR	7.6	N/A		0.9	0.960	0.990	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58747428	AM	SOLAR	5	N/A		0.9	0.970	0.990	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58704702	AM	SOLAR	12	N/A		0.9	0.980	1.000	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58752798	AM	SOLAR	10	N/A		0.9	0.960	0.990	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58718826	AM	SOLAR	7.6	N/A		0.9	0.978	0.998	1.038	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58690514	AM	SOLAR	11.4	N/A		0.9	0.980	1.000	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58740627	AM	SOLAR	5	N/A		0.9	0.970	0.990	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58751183	AM	SOLAR	7.6	N/A		0.9	0.960	0.990	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58642194	AM	SOLAR	5	N/A		0.9	0.969	0.989	1.029	1.049	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58663409	AM	SOLAR	11.4	N/A		0.9	0.980	1.000	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58705527	AM	SOLAR	5	N/A		0.9	0.950	0.977	1.037	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58673795	AM	SOLAR	11.4	N/A		0.9	0.960	0.990	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58672923	AM	SOLAR	10	N/A		0.9	0.960	0.990	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58682732	AM	SOLAR	6	N/A		0.9	0.952	0.982	1.032	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58746930	AM	SOLAR	20	N/A		0.9	0.955	0.985	1.035	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44

58649648	AM	SOLAR	13.8	N/A		0.9	0.964	0.984	1.024	1.044	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58698108	AM	SOLAR	3	N/A		0.9	0.980	1.000	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58644178	AM	SOLAR	7.6	N/A		0.9	0.980	1.000	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58713853	AM	SOLAR	10	N/A		0.9	0.950	0.968	1.028	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58727982	AM	SOLAR	3	N/A		0.9	0.970	0.990	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58688233	AM	SOLAR	11.4	BATTERY		0.9	0.950	0.973	1.033	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58710651	AM	SOLAR	10	N/A		0.9	0.950	0.964	1.024	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58710653	AM	SOLAR	10	N/A		0.9	0.950	0.973	1.033	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58718718	AM	SOLAR	15.2	N/A		0.9	0.959	0.989	1.039	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58742461	AM	SOLAR	19	N/A		0.9	0.950	0.967	1.027	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58704669	AM	SOLAR	6	N/A		0.9	0.980	1.000	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58683568	AM	SOLAR	6	N/A		0.9	0.950	0.970	1.030	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58697502	AM	SOLAR	10	N/A		0.9	0.976	0.996	1.036	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58675448	AM	SOLAR	3.8	N/A		0.9	0.980	1.000	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58747434	AM	SOLAR	10	N/A		0.9	0.954	0.984	1.034	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58714411	AM	SOLAR	3	N/A		0.9	0.960	0.990	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58659055	AM	SOLAR	6	N/A		0.9	0.956	0.976	1.016	1.036	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58751153	AM	SOLAR	10	N/A		0.9	0.960	0.990	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58656625	AM	SOLAR	11.4	N/A		0.9	0.950	0.977	1.037	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58715171	AM	SOLAR	10	N/A		0.9	0.950	0.974	1.034	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58669892	AM	SOLAR	11.4	N/A		0.9	0.960	0.990	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58710415	AM	SOLAR	10	N/A		0.9	0.950	0.970	1.030	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58726809	AM	SOLAR	20	N/A		0.9	0.952	0.982	1.032	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58636482	AM	SOLAR	15.2	BATTERY		0.9	0.950	0.979	1.039	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58695509	AM	SOLAR	15.2	N/A		0.9	0.950	0.977	1.037	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58716563	AM	SOLAR	7.6	N/A		0.9	0.960	0.990	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58724832	AM	SOLAR	10	N/A		0.9	0.958	0.988	1.038	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58695621	AM	SOLAR	11.4	N/A		0.9	0.958	0.988	1.038	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58705378	AM	SOLAR	10	N/A		0.9	0.960	0.990	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58713154	AM	SOLAR	11.4	N/A		0.9	0.960	0.990	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58663360	AM	SOLAR	11.4	N/A		0.9	0.950	0.973	1.033	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58645899	AM	SOLAR	12	N/A		0.9	0.950	0.976	1.036	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58705524	AM	SOLAR	11.4	N/A		0.9	0.960	0.990	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58722507	AM	SOLAR	10	N/A		0.9	0.974	0.994	1.034	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58663090	AM	SOLAR	3.8	N/A		0.9	0.950	0.979	1.039	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58645964	AM	SOLAR	7.6	N/A		0.9	0.954	0.984	1.034	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58674281	AM	SOLAR	7.6	N/A		0.9	0.955	0.985	1.035	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58671052	AM	SOLAR	3	N/A		0.9	0.950	0.961	1.011	1.041	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58665874	AM	SOLAR	11.4	N/A		0.9	0.960	0.990	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58711135	AM	SOLAR	7.6	N/A		0.9	0.973	0.993	1.033	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58639958	AM	SOLAR	6	N/A		0.9	0.960	0.990	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58724953	AM	SOLAR	3.8	N/A		0.9	0.951	0.981	1.031	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58727522	AM	SOLAR	10	N/A		0.9	0.953	0.983	1.033	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58688674	AM	SOLAR	3	N/A		0.9	0.950	0.979	1.039	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58697616	AM	SOLAR	10	N/A		0.9	0.957	0.987	1.037	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58669273	AM	SOLAR	3	N/A		0.9	0.955	0.985	1.035	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58721695	AM	SOLAR	6	N/A		0.9	0.960	0.990	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58695272	AM	SOLAR	10	N/A		0.9	0.960	0.990	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58700914	AM	SOLAR	7.6	N/A		0.9	0.950	0.973	1.033	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58711871	AM	SOLAR	12	N/A		0.9	0.950	0.978	1.038	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58660693	AM	SOLAR	15	N/A		0.9	0.950	0.963	1.023	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58688868	AM	SOLAR	10	N/A		0.9	0.950	0.961	1.011	1.041	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58716724	AM	SOLAR	3.8	N/A		0.9	0.980	1.000	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58730030	AM	SOLAR	3.8	N/A		0.9	0.950	0.963	1.023	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58682112	AM	SOLAR	11.4	N/A		0.9	0.950	0.969	1.029	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58635348	AM	SOLAR	15.2	N/A		0.9	0.954	0.984	1.034	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58728607	AM	SOLAR	5	N/A		0.9	0.970	0.990	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58653789	AM	SOLAR	12	N/A		0.9	0.958	0.988	1.038	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58645262	AM	SOLAR	15.2	N/A		0.9	0.973	0.993	1.033	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58679367	AM	SOLAR	6	N/A		0.9	0.973	0.993	1.033	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58729332	AM	SOLAR	160	N/A		0.9	0.969	0.989	1.029	1.049	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58626957	AM	SOLAR	14.4	N/A		0.9	0.970	0.990	1.030	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58744676	AM	SOLAR	14.4	N/A		0.9	0.960	0.990	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58692030	AM	SOLAR	11	BATTERY		0.9	0.950	0.963	1.023	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58695481	AM	SOLAR	3.8	N/A		0.9	0.980	1.000	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58696574	AM	SOLAR	6	N/A		0.9	0.980	1.000	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58721347	AM	SOLAR	13	N/A		0.9	0.953	0.983	1.033	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58649010	AM	SOLAR	5	N/A		0.9	0.950	0.980	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58692438	AM	SOLAR	15	BATTERY		0.9	0.957	0.987	1.037	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58627587	AM	SOLAR	11.4	N/A		0.9	0.960	0.990	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58705100	AM	SOLAR	13.6	BATTERY		0.9	0.960	0.990	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58700803	AM	SOLAR	3.8	N/A		0.9	0.952	0.982	1.032	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58693368	AM	SOLAR	7.6	N/A		0.9	0.980	1.000	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58714669	AM	SOLAR	15.2	BATTERY		0.9	0.950	0.978	1.038	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58672042	AM	SOLAR	5	N/A		0.9	0.950	0.966	1.026	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58697254	AM	SOLAR	7.6	N/A		0.9	0.960	0.990	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58710942	AM	SOLAR	11.4	N/A		0.9	0.950	0.960	1.020	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58721368	AM	SOLAR	13.8	N/A		0.9	0.956	0.986	1.036	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58716725	AM	SOLAR	7.6	N/A		0.9	0.954	0.984	1.034	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58671503	AM	SOLAR	7.6	N/A		0.9	0.955	0.985	1.035	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58687661	AM	SOLAR	11.4	N/A		0.9	0.950	0.964	1.014	1.044	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58682398	AM	SOLAR	7.6	N/A		0.9	0.950	0.977	1.037	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58726285	AM	SOLAR	11.4	N/A		0.9	0.950	0.965	1.025	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58704042	AM	SOLAR	15	N/A		0.9	0.964	0.984	1.024	1.044	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58696980	AM	SOLAR	7.6	BATTERY		0.9	0.980	1.000	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58709629	AM	SOLAR	11.4	BATTERY		0.9	0.972	0.992	1.032	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58725370	AM	SOLAR	5	N/A		0.9	0.970	0.990	1.030	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58695181	AM	SOLAR	11.4	N/A		0.9	0.952	0.982	1.032	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58683406	AM	SOLAR	10.56	N/A		0.9	0.980	1.000	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58658109	AM	SOLAR	10	N/A		0.9	0.951	0.981	1.031	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58649180	AM	SOLAR	7.6	N/A		0.9	0.957	0.987	1.037	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58638683	AM	SOLAR	3.8	N/A		0.9	0.968	0.988	1.028	1.048	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58711306	AM	SOLAR	12.6	N/A		0.9	0.980	1.000	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58710662	AM	SOLAR	7.6	N/A		0.9	0.980	1.000	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44

58713687	AM	SOLAR	22.8	N/A		0.9	0.950	0.977	1.037	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58672011	AM	SOLAR	15.2	N/A		0.9	0.950	0.966	1.026	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58621438	AM	SOLAR	6	N/A		0.9	0.953	0.983	1.033	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58706009	AM	SOLAR	16.4	N/A		0.9	0.950	0.980	1.030	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58693539	AM	SOLAR	10	N/A		0.9	0.950	0.960	1.010	1.040	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58719651	AM	SOLAR	17.4	N/A		0.9	0.955	0.985	1.035	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58643972	AM	SOLAR	7.6	N/A		0.9	0.953	0.983	1.033	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58679892	AM	SOLAR	16	N/A		0.9	0.950	0.974	1.034	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58691889	AM	SOLAR	7.6	N/A		0.9	0.957	0.987	1.037	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58718490	AM	SOLAR	13.8	N/A		0.9	0.953	0.983	1.033	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58670013	AM	SOLAR	12	N/A		0.9	0.951	0.981	1.031	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58713211	AM	SOLAR	7.6	N/A		0.9	0.950	0.968	1.018	1.048	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58710011	AM	SOLAR	11.4	N/A		0.9	0.960	0.990	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58746503	AM	SOLAR	10	N/A		0.9	0.956	0.986	1.036	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58711129	AM	SOLAR	10	N/A		0.9	0.960	0.990	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58697424	AM	SOLAR	7.6	N/A		0.9	0.954	0.984	1.034	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58642590	AM	SOLAR	7.6	N/A		0.9	0.970	0.990	1.030	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58699588	AM	SOLAR	7.6	N/A		0.9	0.970	0.990	1.030	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58696491	AM	SOLAR	11.4	N/A		0.9	0.950	0.963	1.013	1.043	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58622002	AM	SOLAR	3.8	N/A		0.9	0.974	0.994	1.034	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58682017	AM	SOLAR	14.4	N/A		0.9	0.980	1.000	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58655072	AM	SOLAR	10	N/A		0.9	0.960	0.980	1.020	1.040	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58741619	AM	SOLAR	10	N/A		0.9	0.970	0.990	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58708933	AM	SOLAR	7.6	N/A		0.9	0.960	0.990	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58688015	AM	SOLAR	6	N/A		0.9	0.960	0.990	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58731024	AM	SOLAR	10	N/A		0.9	0.960	0.990	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58698229	AM	SOLAR	3.8	N/A		0.9	0.952	0.982	1.032	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58712140	AM	SOLAR	8	N/A		0.9	0.971	0.991	1.031	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58670900	AM	SOLAR	13.6	N/A		0.9	0.953	0.983	1.033	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58699192	AM	SOLAR	10	N/A		0.9	0.951	0.981	1.031	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58740180	AM	SOLAR	11.4	N/A		0.9	0.970	0.990	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58701585	AM	SOLAR	10	N/A		0.9	0.950	0.970	1.030	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58646635	AM	SOLAR	9.6	N/A		0.9	0.950	0.970	1.020	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58706392	AM	SOLAR	11.4	N/A		0.9	0.980	1.000	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58690888	AM	SOLAR	11.4	N/A		0.9	0.950	0.971	1.031	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58696576	AM	SOLAR	17.6	N/A		0.9	0.968	0.988	1.028	1.048	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58690839	AM	SOLAR	13.6	N/A		0.9	0.950	0.963	1.023	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58703668	AM	SOLAR	7.6	N/A		0.9	0.960	0.990	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58717365	AM	SOLAR	3	N/A		0.9	0.976	0.996	1.036	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58672823	AM	SOLAR	11.4	N/A		0.9	0.950	0.977	1.037	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58671033	AM	SOLAR	12	N/A		0.9	0.980	1.000	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58690268	AM	SOLAR	22	BATTERY		0.9	0.950	0.973	1.033	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58644272	AM	SOLAR	7.68	N/A		0.9	0.960	0.990	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58711443	AM	SOLAR	15.2	N/A		0.9	0.950	0.978	1.038	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58716235	AM	SOLAR	6	N/A		0.9	0.954	0.984	1.034	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58673982	AM	SOLAR	11.4	N/A		0.9	0.950	0.966	1.026	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58669364	AM	SOLAR	20	N/A		0.9	0.950	0.963	1.023	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58710330	AM	SOLAR	6	N/A		0.9	0.980	1.000	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58700173	AM	SOLAR	10	N/A		0.9	0.950	0.967	1.027	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58630403	AM	SOLAR	10	N/A		0.9	0.954	0.984	1.034	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58745749	AM	SOLAR	5	N/A		0.9	0.950	0.972	1.032	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58683337	AM	SOLAR	6	N/A		0.9	0.978	1.000	1.038	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58681623	AM	SOLAR	10	N/A		0.9	0.975	0.995	1.035	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58731805	AM	SOLAR	10	N/A		0.9	0.960	0.990	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58643952	AM	SOLAR	3.8	N/A		0.9	0.959	0.989	1.039	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58700604	AM	SOLAR	17.4	N/A		0.9	0.950	0.975	1.035	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58726794	AM	SOLAR	6	N/A		0.9	0.965	0.985	1.035	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58644485	AM	SOLAR	15.2	N/A		0.9	0.950	0.980	1.030	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58658243	AM	SOLAR	6	N/A		0.9	0.950	0.965	1.025	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58653740	AM	SOLAR	10	BATTERY		0.9	0.950	0.960	1.010	1.040	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58722508	AM	SOLAR	15.2	N/A		0.9	0.955	0.985	1.035	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58683011	AM	SOLAR	6	N/A		0.9	0.956	0.986	1.036	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58714972	AM	SOLAR	7.6	N/A		0.9	0.969	0.989	1.029	1.049	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58690387	AM	SOLAR	10	N/A		0.9	0.950	0.967	1.017	1.047	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58688114	AM	SOLAR	11.4	N/A		0.9	0.950	0.960	1.000	1.020	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58717449	AM	SOLAR	7.6	N/A		0.9	0.960	0.990	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58615866	AM	SOLAR	10	N/A		0.9	0.960	0.990	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58710026	AM	SOLAR	6	N/A		0.9	0.980	1.000	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58678796	AM	SOLAR	5	N/A		0.9	0.960	0.990	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58750588	AM	SOLAR	15.2	N/A		0.9	0.970	0.990	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58702138	AM	SOLAR	10	N/A		0.9	0.950	0.973	1.033	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58698095	AM	SOLAR	5	N/A		0.9	0.950	0.974	1.034	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58705044	AM	SOLAR	15.2	N/A		0.9	0.980	1.000	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58668969	AM	SOLAR	7.6	N/A		0.9	0.966	0.986	1.026	1.046	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58717964	AM	SOLAR	5	N/A		0.9	0.980	1.000	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58656770	AM	SOLAR	7.6	N/A		0.9	0.964	0.984	1.024	1.044	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58703591	AM	SOLAR	5	N/A		0.9	0.970	0.990	1.030	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58693598	AM	SOLAR	10	N/A		0.9	0.960	0.990	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58708047	AM	SOLAR	10	N/A		0.9	0.950	0.960	1.010	1.040	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58693736	AM	SOLAR	15.2	N/A		0.9	0.970	0.990	1.030	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58706617	AM	SOLAR	10	N/A		0.9	0.950	0.979	1.039	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58694474	AM	SOLAR	5	N/A		0.9	0.950	0.968	1.028	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58715293	AM	SOLAR	7.6	N/A		0.9	0.980	1.000	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58705794	AM	SOLAR	10	N/A		0.9	0.979	0.999	1.039	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58722443	AM	SOLAR	7.6	N/A		0.9	0.980	1.000	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58702847	AM	SOLAR	11.4	N/A		0.9	0.958	0.988	1.038	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58657536	AM	SOLAR	18	N/A		0.9	0.980	1.000	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58630976	AM	SOLAR	13.8	N/A		0.9	0.960	0.990	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58696984	AM	SOLAR	10	N/A		0.9	0.956	0.986	1.036	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58635704	AM	SOLAR	6	N/A		0.9	0.980	1.000	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58693326	AM	SOLAR	10	N/A		0.9	0.960	0.990	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58704062	AM	SOLAR	11.4	N/A		0.9	0.965	0.985	1.025	1.045	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58717930	AM	SOLAR	11.4	N/A		0.9	0.980	1.000	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58716466	AM	SOLAR	5	N/A		0.9	0.960	0.990	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44

58752310	AM	SOLAR	6	N/A		0.9	0.960	0.990	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58711264	AM	SOLAR	6	N/A		0.9	0.980	1.000	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58644674	AM	SOLAR	10	N/A		0.9	0.950	0.967	1.027	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58699500	AM	SOLAR	12	N/A		0.9	0.959	0.989	1.039	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58724083	AM	SOLAR	15.2	N/A		0.9	0.960	0.990	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58682386	AM	SOLAR	45.6	N/A		0.9	0.960	0.990	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58698361	AM	SOLAR	10	N/A		0.9	0.953	0.983	1.033	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58690660	AM	SOLAR	12	N/A		0.9	0.950	0.975	1.035	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58681542	AM	SOLAR	7.6	N/A		0.9	0.950	0.973	1.033	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58714213	AM	SOLAR	10	N/A		0.9	0.980	1.000	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58714668	AM	SOLAR	6	N/A		0.9	0.980	1.000	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58695700	AM	SOLAR	11	N/A		0.9	0.950	0.973	1.033	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58696784	AM	SOLAR	6	N/A		0.9	0.950	0.978	1.038	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58705803	AM	SOLAR	6	N/A		0.9	0.959	0.989	1.039	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58654893	AM	SOLAR	11.4	N/A		0.9	0.952	0.982	1.032	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58712250	AM	SOLAR	11.4	N/A		0.9	0.950	0.975	1.035	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58698237	AM	SOLAR	10	N/A		0.9	0.980	1.000	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58671983	AM	SOLAR	11.4	N/A		0.9	0.959	0.989	1.039	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58744477	AM	SOLAR	7.6	N/A		0.9	0.980	1.000	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58609195	AM	SOLAR	11.4	BATTERY		0.9	0.960	0.990	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58715617	AM	SOLAR	17.6	N/A		0.9	0.980	1.000	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58687660	AM	SOLAR	11.4	N/A		0.9	0.950	0.964	1.024	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58643933	AM	SOLAR	5	N/A		0.9	0.952	0.982	1.032	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58710356	AM	SOLAR	7.6	N/A		0.9	0.950	0.975	1.035	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58717600	AM	SOLAR	6	N/A		0.9	0.980	1.000	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58657075	AM	SOLAR	5	N/A		0.9	0.950	0.962	1.022	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58711336	AM	SOLAR	3.8	N/A		0.9	0.950	0.978	1.038	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58689928	AM	SOLAR	20	N/A		0.9	0.960	0.990	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58699145	AM	SOLAR	5	N/A		0.9	0.960	0.990	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58715577	AM	SOLAR	7.6	N/A		0.9	0.953	0.983	1.033	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58668639	AM	SOLAR	6	N/A		0.9	0.960	0.990	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58728589	AM	SOLAR	10	N/A		0.9	0.960	0.990	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58676089	AM	SOLAR	5	N/A		0.9	0.950	0.971	1.031	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58726435	AM	SOLAR	13	N/A		0.9	0.976	0.996	1.036	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58746329	AM	SOLAR	5	N/A		0.9	0.950	0.972	1.032	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58693688	AM	SOLAR	5	N/A		0.9	0.979	0.999	1.039	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58741124	AM	SOLAR	12	N/A		0.9	0.960	0.980	1.030	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58719576	AM	SOLAR	10	N/A		0.9	0.977	0.997	1.037	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58696471	AM	SOLAR	7.6	N/A		0.9	0.960	0.990	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58620386	AM	SOLAR	11.4	N/A		0.9	0.980	1.000	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58689971	AM	SOLAR	13.8	N/A		0.9	0.950	0.964	1.024	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58689299	AM	SOLAR	6	N/A		0.9	0.965	0.985	1.025	1.045	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58710284	AM	SOLAR	10	N/A		0.9	0.960	0.990	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58717162	AM	SOLAR	10	N/A		0.9	0.950	0.964	1.024	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58687945	AM	SOLAR	12	BATTERY		0.9	0.950	0.970	1.030	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58642269	AM	SOLAR	11.4	N/A		0.9	0.960	0.990	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58729161	AM	SOLAR	5	N/A		0.9	0.960	0.990	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58720506	AM	SOLAR	13.6	N/A		0.9	0.980	1.000	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58722858	AM	SOLAR	6	N/A		0.9	0.960	0.990	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58642663	AM	SOLAR	11.4	N/A		0.9	0.950	0.976	1.036	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58723016	AM	SOLAR	15.2	N/A		0.9	0.975	0.995	1.035	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58674607	AM	SOLAR	11.4	N/A		0.9	0.960	0.990	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58698698	AM	SOLAR	6	N/A		0.9	0.950	0.970	1.030	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58642811	AM	SOLAR	5	N/A		0.9	0.956	0.986	1.036	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58719151	AM	SOLAR	11.4	N/A		0.9	0.950	0.976	1.036	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58717875	AM	SOLAR	3	N/A		0.9	0.960	0.990	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58636705	AM	SOLAR	7.6	N/A		0.9	0.953	0.983	1.033	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58693729	AM	SOLAR	6	N/A		0.9	0.959	0.989	1.039	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58694676	AM	SOLAR	11.4	N/A		0.9	0.950	0.970	1.020	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58697677	AM	SOLAR	16	N/A		0.9	0.980	1.000	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58698839	AM	SOLAR	15.2	N/A		0.9	0.950	0.973	1.033	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58747266	AM	SOLAR	12	N/A		0.9	0.950	0.978	1.038	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58703175	AM	SOLAR	7.6	N/A		0.9	0.960	0.990	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58714886	AM	SOLAR	7.6	N/A		0.9	0.955	0.985	1.035	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58712253	AM	SOLAR	6	N/A		0.9	0.980	1.000	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58719332	AM	SOLAR	10	N/A		0.9	0.958	0.988	1.038	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58714858	AM	SOLAR	20	N/A		0.9	0.960	0.990	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58650185	AM	SOLAR	10	N/A		0.9	0.978	0.998	1.038	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58680186	AM	SOLAR	10	N/A		0.9	0.953	0.983	1.033	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58681717	AM	SOLAR	5	N/A		0.9	0.956	0.986	1.036	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58690051	AM	SOLAR	7.6	N/A		0.9	0.950	0.965	1.025	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58739124	AM	SOLAR	17.4	N/A		0.9	0.952	0.982	1.032	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58714379	AM	SOLAR	7.6	N/A		0.9	0.960	0.990	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58691102	AM	SOLAR	11.4	N/A		0.9	0.950	0.970	1.030	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58706653	AM	SOLAR	10	N/A		0.9	0.950	0.978	1.038	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58706383	AM	SOLAR	13.8	N/A		0.9	0.950	0.963	1.023	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58651607	AM	SOLAR	16.4	N/A		0.9	0.950	0.979	1.039	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58726588	AM	SOLAR	6	N/A		0.9	0.950	0.972	1.032	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58647576	AM	SOLAR	7.6	BATTERY		0.9	0.950	0.979	1.039	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58688811	AM	SOLAR	7.6	N/A		0.9	0.950	0.978	1.038	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58708565	AM	SOLAR	10	N/A		0.9	0.978	0.998	1.038	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58683422	AM	SOLAR	11.4	N/A		0.9	0.950	0.967	1.027	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58640009	AM	SOLAR	9.8	N/A		0.9	0.970	0.990	1.030	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58710841	AM	SOLAR	13	N/A		0.9	0.974	0.994	1.034	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58642607	AM	SOLAR	7.6	N/A		0.9	0.950	0.978	1.038	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58704056	AM	SOLAR	6	N/A		0.9	0.950	0.974	1.034	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58671507	AM	SOLAR	10	N/A		0.9	0.950	0.964	1.014	1.044	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58737930	AM	SOLAR	7.6	N/A		0.9	0.970	0.990	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58695760	AM	SOLAR	10	N/A		0.9	0.952	0.982	1.032	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58704667	AM	SOLAR	7.6	N/A		0.9	0.950	0.978	1.038	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58681614	AM	SOLAR	22.8	N/A		0.9	0.950	0.966	1.016	1.046	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58726401	AM	SOLAR	7.6	N/A		0.9	0.955	0.985	1.035	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58682172	AM	SOLAR	7.6	N/A		0.9	0.966	0.989	1.026	1.046	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58651561	AM	SOLAR	3.8	N/A		0.9	0.950	0.964	1.024	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44

58679380	AM	SOLAR	7.6	N/A		0.9	0.950	0.975	1.035	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58721460	AM	SOLAR	15	N/A		0.9	0.950	0.979	1.039	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58689985	AM	SOLAR	10	N/A		0.9	0.950	0.977	1.037	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58696560	AM	SOLAR	16.4	N/A		0.9	0.959	0.989	1.039	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58660698	AM	SOLAR	10	N/A		0.9	0.950	0.977	1.037	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58677015	AM	SOLAR	7.6	N/A		0.9	0.980	1.000	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58706538	AM	SOLAR	15.2	N/A		0.9	0.960	0.990	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58708166	AM	SOLAR	5.76	N/A		0.9	0.960	0.990	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58700689	AM	SOLAR	11.4	N/A		0.9	0.973	0.993	1.033	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58646753	AM	SOLAR	12	N/A		0.9	0.969	0.989	1.029	1.049	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58745397	AM	SOLAR	5	N/A		0.9	0.980	1.000	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58688093	AM	SOLAR	5	N/A		0.9	0.959	0.989	1.039	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58706110	AM	SOLAR	6	N/A		0.9	0.950	0.966	1.026	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58707749	AM	SOLAR	12	N/A		0.9	0.950	0.964	1.024	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58701298	AM	SOLAR	7.6	N/A		0.9	0.960	0.990	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58711059	AM	SOLAR	7.6	N/A		0.9	0.950	0.980	1.030	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58692319	AM	SOLAR	10	N/A		0.9	0.950	0.979	1.039	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58698019	AM	SOLAR	12	N/A		0.9	0.960	0.990	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58746896	AM	SOLAR	11.4	N/A		0.9	0.950	0.974	1.034	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58715933	AM	SOLAR	11.4	N/A		0.9	0.980	1.000	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58671451	AM	SOLAR	11.4	N/A		0.9	0.958	0.988	1.038	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58664609	AM	SOLAR	10	N/A		0.9	0.960	0.990	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58692217	AM	SOLAR	7.6	N/A		0.9	0.979	0.999	1.039	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58704719	AM	SOLAR	7.6	N/A		0.9	0.950	0.971	1.031	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58691761	AM	SOLAR	20	N/A		0.9	0.950	0.979	1.039	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58696449	AM	SOLAR	7.6	N/A		0.9	0.960	0.990	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58689365	AM	SOLAR	5	N/A		0.9	0.960	0.980	1.020	1.040	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58705055	AM	SOLAR	10	N/A		0.9	0.950	0.978	1.038	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58680203	AM	SOLAR	10	N/A		0.9	0.950	0.968	1.028	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58722912	AM	SOLAR	11.4	N/A		0.9	0.950	0.980	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58706733	AM	SOLAR	15.2	N/A		0.9	0.960	0.990	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58650712	AM	SOLAR	7.6	N/A		0.9	0.960	0.990	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58700640	AM	SOLAR	13	N/A		0.9	0.950	0.963	1.023	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58681719	AM	SOLAR	10	N/A		0.9	0.950	0.970	1.030	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58742644	AM	SOLAR	10	N/A		0.9	0.960	0.990	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58704685	AM	SOLAR	13.6	N/A		0.9	0.950	0.965	1.015	1.045	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58690178	AM	SOLAR	10	N/A		0.9	0.950	0.975	1.035	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58694834	AM	SOLAR	6	N/A		0.9	0.956	0.986	1.036	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58694843	AM	SOLAR	3.8	N/A		0.9	0.951	0.981	1.031	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58674608	AM	SOLAR	10	N/A		0.9	0.968	0.988	1.028	1.048	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58690234	AM	SOLAR	6	N/A		0.9	0.950	0.977	1.037	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58638862	AM	SOLAR	14.4	N/A		0.9	0.950	0.977	1.037	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58692251	AM	SOLAR	10	N/A		0.9	0.960	0.990	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58703559	AM	SOLAR	3.8	N/A		0.9	0.978	0.998	1.038	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58671505	AM	SOLAR	3.8	N/A		0.9	0.980	1.000	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58676139	AM	SOLAR	7.6	N/A		0.9	0.960	0.990	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58713605	AM	SOLAR	16	N/A		0.9	0.950	0.969	1.029	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58744593	AM	SOLAR	7.6	N/A		0.9	0.960	0.990	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58740016	AM	SOLAR	7.6	N/A		0.9	0.970	0.990	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58690016	AM	SOLAR	10	N/A		0.9	0.950	0.975	1.035	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58688978	AM	SOLAR	11.4	N/A		0.9	0.955	0.985	1.035	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58694050	AM	SOLAR	12	N/A		0.9	0.950	0.973	1.033	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58696445	AM	SOLAR	10	N/A		0.9	0.980	1.000	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58690816	AM	SOLAR	10	N/A		0.9	0.980	1.000	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58651073	AM	SOLAR	11.4	N/A		0.9	0.953	0.983	1.033	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58706363	AM	SOLAR	7.6	N/A		0.9	0.950	0.967	1.007	1.027	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58681633	AM	SOLAR	13.6	N/A		0.9	0.950	0.967	1.027	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58695549	AM	SOLAR	15.2	N/A		0.9	0.977	0.997	1.037	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58708197	AM	SOLAR	20	N/A		0.9	0.950	0.967	1.027	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58613942	AM	SOLAR	15.2	N/A		0.9	0.950	0.975	1.035	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58688495	AM	SOLAR	5	N/A		0.9	0.979	0.999	1.039	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58617514	AM	SOLAR	5	N/A		0.9	0.950	0.973	1.033	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58679378	AM	SOLAR	13.6	N/A		0.9	0.970	0.990	1.030	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58716390	AM	SOLAR	12.6	N/A		0.9	0.960	0.990	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58721375	AM	SOLAR	10	N/A		0.9	0.950	0.978	1.038	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58657493	AM	SOLAR	6	N/A		0.9	0.960	0.990	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58669051	AM	SOLAR	27.8	N/A		0.9	0.950	0.960	1.010	1.040	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58671638	AM	SOLAR	7.6	N/A		0.9	0.960	0.990	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58718123	AM	SOLAR	14.4	N/A		0.9	0.960	0.990	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58707225	AM	SOLAR	6	N/A		0.9	0.950	0.973	1.033	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58697539	AM	SOLAR	10	N/A		0.9	0.957	0.987	1.037	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58658411	AM	SOLAR	10	N/A		0.9	0.957	0.987	1.037	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58701760	AM	SOLAR	10	N/A		0.9	0.954	0.984	1.034	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58715328	AM	SOLAR	17.6	N/A		0.9	0.950	0.976	1.036	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58696888	AM	SOLAR	10	N/A		0.9	0.980	1.000	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58635480	AM	SOLAR	10	N/A		0.9	0.950	0.966	1.026	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58742150	AM	SOLAR	6	N/A		0.9	0.961	0.981	1.031	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58701387	AM	SOLAR	6	N/A		0.9	0.950	0.980	1.030	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58717927	AM	SOLAR	11.4	N/A		0.9	0.950	0.966	1.026	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58669884	AM	SOLAR	3.84	BATTERY		0.9	0.950	0.968	1.028	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58709952	AM	SOLAR	10	N/A		0.9	0.960	0.990	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58659357	AM	SOLAR	6	N/A		0.9	0.960	0.990	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58689274	AM	SOLAR	11.4	N/A		0.9	0.960	0.990	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58671591	AM	SOLAR	7.6	N/A		0.9	0.950	0.977	1.037	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58752836	AM	SOLAR	10	N/A		0.9	0.970	0.990	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58697854	AM	SOLAR	6	N/A		0.9	0.950	0.960	1.010	1.040	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58719172	AM	SOLAR	7.6	N/A		0.9	0.980	1.000	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58660632	AM	SOLAR	3.8	N/A		0.9	0.979	0.999	1.039	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58638876	AM	SOLAR	7.6	N/A		0.9	0.966	0.986	1.026	1.046	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58702048	AM	SOLAR	6	N/A		0.9	0.960	0.990	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58669401	AM	SOLAR	11.4	N/A		0.9	0.951	0.981	1.031	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58745881	AM	SOLAR	7.6	N/A		0.9	0.960	0.990	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58704284	AM	SOLAR	10	N/A		0.9	0.960	0.990	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58696756	AM	SOLAR	7.6	N/A		0.9	0.950	0.963	1.023	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44

58692646	AM	SOLAR	7.6	N/A		0.9	0.950	0.979	1.039	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58669924	AM	SOLAR	6	N/A		0.9	0.960	0.990	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58748278	AM	SOLAR	10	N/A		0.9	0.980	1.000	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58704830	AM	SOLAR	12	N/A		0.9	0.959	0.989	1.039	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58677054	AM	SOLAR	5	N/A		0.9	0.975	0.995	1.035	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58687959	AM	SOLAR	7.6	N/A		0.9	0.950	0.975	1.035	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58698933	AM	SOLAR	12	N/A		0.9	0.980	1.000	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58647645	AM	SOLAR	11.4	N/A		0.9	0.950	0.977	1.037	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58673617	AM	SOLAR	10	N/A		0.9	0.950	0.975	1.035	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58701240	AM	SOLAR	10	N/A		0.9	0.951	0.981	1.031	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58748962	AM	SOLAR	6	N/A		0.9	0.970	0.990	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58695073	AM	SOLAR	13.6	N/A		0.9	0.950	0.969	1.029	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58691754	AM	SOLAR	6	N/A		0.9	0.960	0.990	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58657540	AM	SOLAR	11.4	N/A		0.9	0.950	0.972	1.032	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58696668	AM	SOLAR	10	N/A		0.9	0.960	0.990	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58705369	AM	SOLAR	10	N/A		0.9	0.953	0.983	1.033	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58699106	AM	SOLAR	11.4	N/A		0.9	0.950	0.961	1.021	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58693336	AM	SOLAR	6	N/A		0.9	0.960	0.990	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58696522	AM	SOLAR	5	N/A		0.9	0.950	0.977	1.037	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58694967	AM	SOLAR	13.6	N/A		0.9	0.950	0.960	1.010	1.040	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58674318	AM	SOLAR	11.4	N/A		0.9	0.960	0.990	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58617136	AM	SOLAR	3.8	N/A		0.9	0.971	0.991	1.031	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58748830	AM	SOLAR	16	N/A		0.9	0.960	0.990	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58611534	AM	SOLAR	5.76	N/A		0.9	0.970	0.990	1.030	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58691940	AM	SOLAR	10	N/A		0.9	0.980	1.000	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58707917	AM	SOLAR	7.6	N/A		0.9	0.950	0.970	1.010	1.030	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58696599	AM	SOLAR	3.8	N/A		0.9	0.950	0.971	1.031	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58683567	AM	SOLAR	10	N/A		0.9	0.980	1.000	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58747415	AM	SOLAR	3	N/A		0.9	0.959	0.979	1.029	1.049	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58741471	AM	SOLAR	5	N/A		0.9	0.957	0.987	1.037	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58607868	AM	SOLAR	5	N/A		0.9	0.960	0.990	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58689290	AM	SOLAR	7.6	N/A		0.9	0.950	0.978	1.038	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58695109	AM	SOLAR	5	N/A		0.9	0.950	0.972	1.032	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58728388	AM	SOLAR	7.6	N/A		0.9	0.970	0.990	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58699124	AM	SOLAR	7.6	N/A		0.9	0.960	0.990	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58696846	AM	SOLAR	3.8	N/A		0.9	0.950	0.976	1.036	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58716296	AM	SOLAR	10	N/A		0.9	0.960	0.990	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58690496	AM	SOLAR	6	N/A		0.9	0.970	0.990	1.030	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58697161	AM	SOLAR	6	N/A		0.9	0.960	0.990	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58709140	AM	SOLAR	6	N/A		0.9	0.950	0.973	1.033	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58706651	AM	SOLAR	10	N/A		0.9	0.950	0.968	1.028	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58692110	AM	SOLAR	6	N/A		0.9	0.970	0.992	1.032	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58715255	AM	SOLAR	11.4	N/A		0.9	0.958	0.988	1.038	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58713018	AM	SOLAR	10	N/A		0.9	0.978	0.998	1.038	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58705875	AM	SOLAR	15.2	N/A		0.9	0.950	0.974	1.034	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58676064	AM	SOLAR	5	N/A		0.9	0.960	0.990	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58745917	AM	SOLAR	10	N/A		0.9	0.960	0.990	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58669739	AM	SOLAR	10	N/A		0.9	0.960	0.990	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58674307	AM	SOLAR	11.4	N/A		0.9	0.950	0.970	1.020	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58675270	AM	SOLAR	16.4	N/A		0.9	0.980	1.000	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58703714	AM	SOLAR	10	N/A		0.9	0.954	0.984	1.034	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58645966	AM	SOLAR	7.6	N/A		0.9	0.952	0.982	1.032	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58703435	AM	SOLAR	5	N/A		0.9	0.978	0.998	1.038	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58688913	AM	SOLAR	7.6	N/A		0.9	0.950	0.974	1.034	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58667930	AM	SOLAR	13	N/A		0.9	0.953	0.983	1.033	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58640683	AM	SOLAR	3.8	N/A		0.9	0.956	0.986	1.036	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58745892	AM	SOLAR	11.4	N/A		0.9	0.960	0.990	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58676680	AM	SOLAR	10	N/A		0.9	0.955	0.975	1.015	1.035	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58718504	AM	SOLAR	7.6	N/A		0.9	0.950	0.973	1.033	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58707341	AM	SOLAR	3	N/A		0.9	0.980	1.000	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58703916	AM	SOLAR	15.2	N/A		0.9	0.953	0.983	1.033	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58676548	AM	SOLAR	16.4	N/A		0.9	0.950	0.960	1.020	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58628214	AM	SOLAR	13.6	N/A		0.9	0.969	0.989	1.029	1.049	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58696455	AM	SOLAR	15.2	N/A		0.9	0.974	0.994	1.034	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58694838	AM	SOLAR	5	N/A		0.9	0.950	0.968	1.028	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58680152	AM	SOLAR	5	N/A		0.9	0.954	0.984	1.034	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58690638	AM	SOLAR	10	N/A		0.9	0.960	0.990	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58669484	AM	SOLAR	3.8	N/A		0.9	0.980	1.000	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58698818	AM	SOLAR	7.6	N/A		0.9	0.958	0.988	1.038	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58704716	AM	SOLAR	17.6	N/A		0.9	0.950	0.973	1.033	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58699496	AM	SOLAR	5	N/A		0.9	0.950	0.972	1.032	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58720263	AM	SOLAR	10	N/A		0.9	0.950	0.977	1.037	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58704726	AM	SOLAR	7.6	N/A		0.9	0.980	1.000	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58707188	AM	SOLAR	10	N/A		0.9	0.950	0.973	1.033	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58701724	AM	SOLAR	7.6	N/A		0.9	0.950	0.968	1.018	1.048	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58706478	AM	SOLAR	11.4	N/A		0.9	0.957	0.987	1.037	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58687955	AM	SOLAR	20	N/A		0.9	0.960	0.990	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58651403	AM	SOLAR	3	N/A		0.9	0.980	1.000	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58744636	AM	SOLAR	26	N/A		0.9	0.952	0.982	1.032	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58728207	AM	SOLAR	7.6	N/A		0.9	0.970	0.990	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58646711	AM	SOLAR	20	N/A		0.9	0.950	0.971	1.031	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58722583	AM	SOLAR	6	N/A		0.9	0.958	0.988	1.038	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58702760	AM	SOLAR	10	N/A		0.9	0.952	0.982	1.032	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58640918	AM	SOLAR	19	N/A		0.9	0.950	0.967	1.027	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58736649	AM	SOLAR	3	N/A		0.9	0.960	0.990	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58701348	AM	SOLAR	15.2	N/A		0.9	0.950	0.974	1.034	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58691264	AM	SOLAR	10	N/A		0.9	0.950	0.972	1.032	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58703748	AM	SOLAR	11.4	N/A		0.9	0.950	0.964	1.014	1.044	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58704845	AM	SOLAR	10	N/A		0.9	0.950	0.975	1.035	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58720922	AM	SOLAR	11.4	N/A		0.9	0.952	0.982	1.032	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58644076	AM	SOLAR	12.6	N/A		0.9	0.950	0.965	1.025	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58701096	AM	SOLAR	10	N/A		0.9	0.950	0.976	1.036	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58702753	AM	SOLAR	5	N/A		0.9	0.960	0.990	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58664997	AM	SOLAR	6	N/A		0.9	0.950	0.979	1.039	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44

58691115	AM	SOLAR	5	N/A		0.9	0.960	0.990	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58700713	AM	SOLAR	6	N/A		0.9	0.950	0.961	1.021	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58713660	AM	SOLAR	7.6	N/A		0.9	0.959	0.989	1.039	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58703638	AM	SOLAR	10	N/A		0.9	0.960	0.990	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58731635	AM	SOLAR	7.6	N/A		0.9	0.950	0.977	1.037	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58736646	AM	SOLAR	5	N/A		0.9	0.970	0.990	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58688814	AM	SOLAR	7.6	N/A		0.9	0.958	0.988	1.038	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58676055	AM	SOLAR	15.2	N/A		0.9	0.950	0.963	1.013	1.043	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58689184	AM	SOLAR	15.2	N/A		0.9	0.954	0.984	1.034	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58613181	AM	SOLAR	6	N/A		0.9	0.950	0.967	1.017	1.047	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58719822	AM	SOLAR	10	N/A		0.9	0.960	0.990	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58682737	AM	SOLAR	12	N/A		0.9	0.957	0.987	1.037	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58704333	AM	SOLAR	6	N/A		0.9	0.950	0.960	1.010	1.040	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58650412	AM	SOLAR	11.4	N/A		0.9	0.954	0.984	1.034	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58653386	AM	SOLAR	11.4	N/A		0.9	0.950	0.960	1.010	1.040	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58722263	AM	SOLAR	6	N/A		0.9	0.950	0.961	1.021	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58745842	AM	SOLAR	5	N/A		0.9	0.950	0.974	1.034	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58700436	AM	SOLAR	3	N/A		0.9	0.951	0.971	1.011	1.031	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58691934	AM	SOLAR	10	N/A		0.9	0.950	0.977	1.037	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58653413	AM	SOLAR	7.6	N/A		0.9	0.952	0.982	1.032	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58717987	AM	SOLAR	10	N/A		0.9	0.958	0.988	1.038	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58682894	AM	SOLAR	15.2	N/A		0.9	0.960	0.990	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58683078	AM	SOLAR	11.52	N/A		0.9	0.974	0.994	1.034	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58740896	AM	SOLAR	5	N/A		0.9	0.954	0.984	1.034	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58642232	AM	SOLAR	17.4	N/A		0.9	0.980	1.000	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58671609	AM	SOLAR	12	N/A		0.9	0.950	0.980	1.030	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58725862	AM	SOLAR	6	N/A		0.9	0.960	0.990	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58687949	AM	SOLAR	11.4	N/A		0.9	0.950	0.976	1.036	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58703307	AM	SOLAR	7.6	N/A		0.9	0.980	1.000	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58723755	AM	SOLAR	3	N/A		0.9	0.958	0.988	1.038	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58683459	AM	SOLAR	6	N/A		0.9	0.974	0.994	1.034	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58688635	AM	SOLAR	3.8	N/A		0.9	0.950	0.963	1.023	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58696581	AM	SOLAR	10	BATTERY		0.9	0.960	0.990	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58745877	AM	SOLAR	6	N/A		0.9	0.950	0.974	1.034	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58722236	AM	SOLAR	6	N/A		0.9	0.950	0.967	1.017	1.047	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58688228	AM	SOLAR	7.6	N/A		0.9	0.980	1.000	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58714345	AM	SOLAR	7.6	N/A		0.9	0.962	0.982	1.022	1.042	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58695361	AM	SOLAR	10	N/A		0.9	0.956	0.986	1.036	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58736537	AM	SOLAR	3.8	N/A		0.9	0.970	0.990	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58638942	AM	SOLAR	7.6	N/A		0.9	0.950	0.960	1.020	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58652751	AM	SOLAR	7.6	N/A		0.9	0.960	0.990	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58690809	AM	SOLAR	3.8	N/A		0.9	0.950	0.966	1.026	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58710994	AM	SOLAR	5	N/A		0.9	0.965	0.985	1.025	1.045	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58723138	AM	SOLAR	17.6	N/A		0.9	0.953	0.983	1.033	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58672873	AM	SOLAR	10	N/A		0.9	0.980	1.000	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58656929	AM	SOLAR	7.6	N/A		0.9	0.950	0.977	1.037	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58657466	AM	SOLAR	17.6	N/A		0.9	0.960	0.990	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58704654	AM	SOLAR	19	N/A		0.9	0.950	0.970	1.020	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58698248	AM	SOLAR	10	N/A		0.9	0.960	0.990	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58693146	AM	SOLAR	31.4	N/A		0.9	0.950	0.979	1.039	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58647922	AM	SOLAR	7.6	N/A		0.9	0.980	1.000	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58696679	AM	SOLAR	10	N/A		0.9	0.950	0.978	1.038	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58703182	AM	SOLAR	3.8	N/A		0.9	0.950	0.974	1.034	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58719223	AM	SOLAR	7.6	N/A		0.9	0.980	1.000	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58750878	AM	SOLAR	6	N/A		0.9	0.959	0.989	1.039	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58678759	AM	SOLAR	10	N/A		0.9	0.980	1.000	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58707663	AM	SOLAR	17.6	N/A		0.9	0.950	0.975	1.035	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58704268	AM	SOLAR	21.4	N/A		0.9	0.950	0.962	1.012	1.042	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58727342	AM	SOLAR	7.6	N/A		0.9	0.950	0.973	1.033	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58737683	AM	SOLAR	10	N/A		0.9	0.954	0.974	1.024	1.044	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58712155	AM	SOLAR	3.8	N/A		0.9	0.959	0.989	1.039	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58697012	AM	SOLAR	5	N/A		0.9	0.955	0.985	1.035	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58711143	AM	SOLAR	12.6	N/A		0.9	0.950	0.962	1.022	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58751855	AM	SOLAR	10	N/A		0.9	0.960	0.990	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58705571	AM	SOLAR	3.8	N/A		0.9	0.959	0.989	1.039	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58709321	AM	SOLAR	9	N/A		0.9	0.950	0.960	1.010	1.040	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58690085	AM	SOLAR	5	N/A		0.9	0.956	0.986	1.036	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58689405	AM	SOLAR	3	N/A		0.9	0.954	0.984	1.034	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58692826	AM	SOLAR	79.8	N/A		0.9	0.955	0.985	1.035	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58696863	AM	SOLAR	10	N/A		0.9	0.950	0.977	1.037	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58726684	AM	SOLAR	7.6	N/A		0.9	0.950	0.973	1.033	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58694101	AM	SOLAR	3	N/A		0.9	0.951	0.981	1.031	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58703634	AM	SOLAR	10	N/A		0.9	0.950	0.964	1.014	1.044	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58725000	AM	SOLAR	6	N/A		0.9	0.950	0.978	1.038	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58681983	AM	SOLAR	11.4	N/A		0.9	0.953	0.983	1.033	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58720974	AM	SOLAR	11.4	N/A		0.9	0.953	0.973	1.013	1.033	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58725703	AM	SOLAR	7.6	N/A		0.9	0.954	0.984	1.034	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58714197	AM	SOLAR	20	N/A		0.9	0.960	0.990	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58707342	AM	SOLAR	7.6	N/A		0.9	0.958	0.988	1.038	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58680067	AM	SOLAR	7.6	N/A		0.9	0.950	0.960	1.010	1.040	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58666404	AM	SOLAR	10	N/A		0.9	0.950	0.967	1.017	1.047	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58625280	AM	SOLAR	9.8	N/A		0.9	0.950	0.980	1.030	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58676948	AM	SOLAR	7.6	N/A		0.9	0.960	0.990	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58725781	AM	SOLAR	7.6	N/A		0.9	0.953	0.983	1.033	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58694168	AM	SOLAR	45.6	N/A		0.9	0.950	0.976	1.036	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58642815	AM	SOLAR	7.6	N/A		0.9	0.980	1.000	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58706025	AM	SOLAR	10	N/A		0.9	0.950	0.963	1.023	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58711107	AM	SOLAR	10	N/A		0.9	0.950	0.965	1.015	1.045	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58747180	AM	SOLAR	3	N/A		0.9	0.960	0.990	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58706394	AM	SOLAR	17.6	N/A		0.9	0.960	0.990	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58701646	AM	SOLAR	10	N/A		0.9	0.960	0.990	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58717556	AM	SOLAR	11.4	N/A		0.9	0.950	0.964	1.024	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58691026	AM	SOLAR	10	N/A		0.9	0.980	1.000	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58669803	AM	SOLAR	19	N/A		0.9	0.957	0.977	1.017	1.037	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44

58672304	AM	SOLAR	17.6	N/A		0.9	0.950	0.969	1.029	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58702391	AM	SOLAR	10	N/A		0.9	0.960	0.990	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58728756	AM	SOLAR	6	N/A		0.9	0.952	0.982	1.032	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58670162	AM	SOLAR	11.4	N/A		0.9	0.950	0.964	1.024	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58700391	AM	SOLAR	15.2	BATTERY		0.9	0.954	0.984	1.034	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58696913	AM	SOLAR	15.2	BATTERY		0.9	0.950	0.960	1.020	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58717126	AM	SOLAR	10	N/A		0.9	0.950	0.980	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58622538	AM	SOLAR	15.2	N/A		0.9	0.958	0.988	1.038	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58707063	AM	SOLAR	10	N/A		0.9	0.950	0.972	1.032	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58697990	AM	SOLAR	7.6	N/A		0.9	0.980	1.000	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58713647	AM	SOLAR	11.4	N/A		0.9	0.956	0.986	1.036	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58693212	AM	SOLAR	6	N/A		0.9	0.952	0.982	1.032	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58708113	AM	SOLAR	15.2	N/A		0.9	0.977	0.997	1.037	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58671385	AM	SOLAR	10	N/A		0.9	0.950	0.975	1.035	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58650807	AM	SOLAR	11.52	N/A		0.9	0.951	0.981	1.031	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58638845	AM	SOLAR	11.4	N/A		0.9	0.957	0.987	1.037	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58683302	AM	SOLAR	7.6	N/A		0.9	0.960	0.990	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58682367	AM	SOLAR	15.2	N/A		0.9	0.956	0.986	1.036	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58702150	AM	SOLAR	11.4	N/A		0.9	0.950	0.973	1.033	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58711671	AM	SOLAR	5	N/A		0.9	0.960	0.990	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58673653	AM	SOLAR	10	N/A		0.9	0.956	0.986	1.036	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58694762	AM	SOLAR	10	N/A		0.9	0.960	0.990	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58736134	AM	SOLAR	10	N/A		0.9	0.970	0.990	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58713898	AM	SOLAR	13	N/A		0.9	0.950	0.978	1.038	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58694042	AM	SOLAR	7.6	N/A		0.9	0.957	0.987	1.037	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58696872	AM	SOLAR	7.6	N/A		0.9	0.960	0.990	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58661998	AM	SOLAR	7.6	N/A		0.9	0.950	0.971	1.031	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58714958	AM	SOLAR	15.2	N/A		0.9	0.950	0.969	1.029	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58692821	AM	SOLAR	9.8	N/A		0.9	0.969	0.989	1.029	1.049	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58703520	AM	SOLAR	17.6	N/A		0.9	0.959	0.989	1.039	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58661436	AM	SOLAR	6	N/A		0.9	0.950	0.966	1.026	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58682842	AM	SOLAR	7.6	N/A		0.9	0.956	0.976	1.016	1.036	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58746465	AM	SOLAR	6	N/A		0.9	0.959	0.989	1.039	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58696475	AM	SOLAR	10	N/A		0.9	0.958	0.988	1.038	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58675406	AM	SOLAR	7.6	BATTERY		0.9	0.952	0.982	1.032	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58710497	AM	SOLAR	17.6	N/A		0.9	0.950	0.980	1.030	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58693255	AM	SOLAR	6	N/A		0.9	0.960	0.990	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58682784	AM	SOLAR	5	N/A		0.9	0.957	0.987	1.037	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58680814	AM	SOLAR	7.6	N/A		0.9	0.950	0.968	1.028	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58717424	AM	SOLAR	5	N/A		0.9	0.980	1.000	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58713405	AM	SOLAR	7.6	N/A		0.9	0.951	0.981	1.031	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58703514	AM	SOLAR	12	N/A		0.9	0.956	0.986	1.036	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58719850	AM	SOLAR	6	N/A		0.9	0.980	1.000	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58742930	AM	SOLAR	13	N/A		0.9	0.960	0.990	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58694498	AM	SOLAR	3.8	N/A		0.9	0.973	0.993	1.033	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58652952	AM	SOLAR	26.6	N/A		0.9	0.955	0.985	1.035	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58710894	AM	SOLAR	15	N/A		0.9	0.950	0.962	1.022	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58698585	AM	SOLAR	10	N/A		0.9	0.980	1.000	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58651881	AM	SOLAR	10	N/A		0.9	0.950	0.972	1.032	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58702992	AM	SOLAR	7.6	N/A		0.9	0.950	0.979	1.039	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58672473	AM	SOLAR	11.4	N/A		0.9	0.980	1.000	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58700413	AM	SOLAR	3	N/A		0.9	0.950	0.980	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58658217	AM	SOLAR	6	N/A		0.9	0.980	1.000	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58709443	AM	SOLAR	10	N/A		0.9	0.957	0.987	1.037	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58723861	AM	SOLAR	6	N/A		0.9	0.950	0.970	1.030	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58714655	AM	SOLAR	3	N/A		0.9	0.969	0.989	1.029	1.049	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58749308	AM	SOLAR	15.2	N/A		0.9	0.960	0.990	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58704598	AM	SOLAR	15	N/A		0.9	0.950	0.979	1.039	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58699244	AM	SOLAR	6	N/A		0.9	0.952	0.982	1.032	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58669221	AM	SOLAR	16.4	N/A		0.9	0.980	1.000	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58690209	AM	SOLAR	7.6	N/A		0.9	0.950	0.960	1.010	1.040	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58696392	AM	SOLAR	11.4	N/A		0.9	0.959	0.989	1.039	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58697226	AM	SOLAR	13.6	N/A		0.9	0.980	1.000	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58722707	AM	SOLAR	16.4	N/A		0.9	0.980	1.000	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58672636	AM	SOLAR	10	N/A		0.9	0.958	0.988	1.038	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58745967	AM	SOLAR	6	N/A		0.9	0.951	0.981	1.031	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58710079	AM	SOLAR	12	N/A		0.9	0.953	0.983	1.033	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58703630	AM	SOLAR	5	N/A		0.9	0.950	0.969	1.029	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58648877	AM	SOLAR	3.8	N/A		0.9	0.972	0.992	1.032	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58675643	AM	SOLAR	7.6	N/A		0.9	0.956	0.986	1.036	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58746928	AM	SOLAR	7.6	N/A		0.9	0.960	0.990	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58681631	AM	SOLAR	11.4	N/A		0.9	0.952	0.982	1.032	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58652326	AM	SOLAR	10	N/A		0.9	0.959	0.989	1.039	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58695294	AM	SOLAR	10	N/A		0.9	0.975	0.995	1.035	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58699533	AM	SOLAR	12.6	N/A		0.9	0.960	0.990	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58704689	AM	SOLAR	7.6	N/A		0.9	0.950	0.968	1.028	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58649664	AM	SOLAR	6	N/A		0.9	0.958	0.988	1.038	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58660713	AM	SOLAR	10	N/A		0.9	0.960	0.990	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58752168	AM	SOLAR	13.6	N/A		0.9	0.960	0.990	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58652038	AM	SOLAR	10	N/A		0.9	0.950	0.967	1.017	1.047	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58646965	AM	SOLAR	7.6	N/A		0.9	0.960	0.990	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58720284	AM	SOLAR	3.8	N/A		0.9	0.954	0.984	1.034	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58642106	AM	SOLAR	15.36	N/A		0.9	0.950	0.972	1.032	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58710112	AM	SOLAR	10	N/A		0.9	0.957	0.987	1.037	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58650937	AM	SOLAR	7.6	N/A		0.9	0.950	0.965	1.025	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58649252	AM	SOLAR	7.6	N/A		0.9	0.950	0.973	1.033	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58669432	AM	SOLAR	10	N/A		0.9	0.953	0.983	1.033	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58710061	AM	SOLAR	11.4	N/A		0.9	0.950	0.975	1.035	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58712536	AM	SOLAR	10	N/A		0.9	0.960	0.990	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58651872	AM	SOLAR	3.8	N/A		0.9	0.950	0.963	1.013	1.043	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58672909	AM	SOLAR	7.6	N/A		0.9	0.951	0.981	1.031	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58646725	AM	SOLAR	13.6	N/A		0.9	0.980	1.000	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58706552	AM	SOLAR	7.6	N/A		0.9	0.950	0.973	1.033	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58714073	AM	SOLAR	11.4	N/A		0.9	0.980	1.000	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44

58691346	AM	SOLAR	6	N/A		0.9	0.977	0.997	1.037	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58644267	AM	SOLAR	13.6	N/A		0.9	0.980	1.000	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58695407	AM	SOLAR	6	N/A		0.9	0.980	1.000	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58718112	AM	SOLAR	6	N/A		0.9	0.950	0.978	1.038	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58700698	AM	SOLAR	3.8	N/A		0.9	0.960	0.990	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58716490	AM	SOLAR	11.4	N/A		0.9	0.960	0.990	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58695813	AM	SOLAR	22.8	N/A		0.9	0.980	1.000	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58641412	AM	SOLAR	5	N/A		0.9	0.950	0.970	1.030	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58661222	AM	SOLAR	7.6	N/A		0.9	0.955	0.985	1.035	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58752602	AM	SOLAR	7.6	N/A		0.9	0.968	0.988	1.038	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58659877	AM	SOLAR	11.4	N/A		0.9	0.958	0.988	1.038	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58659113	AM	SOLAR	13	N/A		0.9	0.954	0.984	1.034	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58682934	AM	SOLAR	11.4	N/A		0.9	0.950	0.965	1.025	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58649660	AM	SOLAR	10	N/A		0.9	0.960	0.990	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58673806	AM	SOLAR	10	N/A		0.9	0.950	0.960	1.010	1.040	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58674304	AM	SOLAR	7.6	N/A		0.9	0.960	0.990	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58675274	AM	SOLAR	13.44	BATTERY		0.9	0.950	0.974	1.034	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58649086	AM	SOLAR	7.6	N/A		0.9	0.950	0.980	1.030	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58667524	AM	SOLAR	12	N/A		0.9	0.956	0.986	1.036	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58668451	AM	SOLAR	6	N/A		0.9	0.960	0.990	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58674997	AM	SOLAR	22.8	N/A		0.9	0.950	0.963	1.013	1.043	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58653901	AM	SOLAR	9.8	N/A		0.9	0.950	0.960	1.010	1.040	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58657297	AM	SOLAR	11.4	N/A		0.9	0.956	0.986	1.036	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58670715	AM	SOLAR	6	N/A		0.9	0.958	0.988	1.038	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58680453	AM	SOLAR	7.6	N/A		0.9	0.950	0.979	1.039	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58659898	AM	SOLAR	7.68	BATTERY		0.9	0.960	0.990	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58697284	AM	SOLAR	11.4	N/A		0.9	0.960	0.990	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58716453	AM	SOLAR	7.6	N/A		0.9	0.960	0.990	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58716782	AM	SOLAR	11.4	N/A		0.9	0.953	0.983	1.033	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58638573	AM	SOLAR	5	N/A		0.9	0.950	0.969	1.029	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58697120	AM	SOLAR	7.6	N/A		0.9	0.951	0.981	1.031	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58710354	AM	SOLAR	7.6	N/A		0.9	0.950	0.962	1.012	1.042	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58706880	AM	SOLAR	19	N/A		0.9	0.956	0.986	1.036	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58694910	AM	SOLAR	11.4	N/A		0.9	0.950	0.965	1.015	1.045	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58712147	AM	SOLAR	10.6	N/A		0.9	0.978	0.998	1.038	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58703791	AM	SOLAR	11.4	N/A		0.9	0.979	0.999	1.039	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58720115	AM	SOLAR	5	N/A		0.9	0.980	1.000	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58669507	AM	SOLAR	15	N/A		0.9	0.972	0.992	1.032	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58701127	AM	SOLAR	11.4	N/A		0.9	0.955	0.985	1.035	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58690580	AM	SOLAR	10	N/A		0.9	0.980	1.000	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58688758	AM	SOLAR	7.6	N/A		0.9	0.960	0.990	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58718942	AM	SOLAR	10	N/A		0.9	0.950	0.979	1.039	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58703782	AM	SOLAR	14.4	N/A		0.9	0.950	0.963	1.023	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58720505	AM	SOLAR	10	N/A		0.9	0.960	0.990	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58700603	AM	SOLAR	15.2	N/A		0.9	0.950	0.961	1.021	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58705158	AM	SOLAR	15	N/A		0.9	0.960	0.990	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58679821	AM	SOLAR	11.4	N/A		0.9	0.995	1.042	0.996	1.042	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58707221	AM	SOLAR	19	N/A		0.9	0.975	0.995	1.035	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58753073	AM	SOLAR	11.4	N/A		0.9	0.950	0.970	1.030	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58699683	AM	SOLAR	3.8	N/A		0.9	0.970	0.990	1.030	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58699093	AM	SOLAR	12	N/A		0.9	0.956	0.986	1.036	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58703703	AM	SOLAR	20	N/A		0.9	0.960	0.990	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58722550	AM	SOLAR	11.4	N/A		0.9	0.960	0.990	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58747721	AM	SOLAR	10	N/A		0.9	0.952	0.982	1.032	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58695657	AM	SOLAR	11.4	N/A		0.9	0.950	0.973	1.033	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58704156	AM	SOLAR	3	N/A		0.9	0.980	1.000	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58704098	AM	SOLAR	10	N/A		0.9	0.960	0.990	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58718546	AM	SOLAR	12	N/A		0.9	0.960	0.990	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58695067	AM	SOLAR	7.6	N/A		0.9	0.950	0.976	1.036	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58749147	AM	SOLAR	6	N/A		0.9	0.957	0.987	1.037	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58644405	AM	SOLAR	5	N/A		0.9	0.968	0.988	1.028	1.048	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58740944	AM	SOLAR	10	N/A		0.9	0.960	0.990	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58667727	AM	SOLAR	12	N/A		0.9	0.958	0.988	1.038	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58700763	AM	SOLAR	7.6	N/A		0.9	0.973	0.993	1.033	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58691348	AM	SOLAR	17.4	N/A		0.9	0.950	0.977	1.037	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58709167	AM	SOLAR	6	N/A		0.9	0.954	0.984	1.034	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58652141	AM	SOLAR	5	N/A		0.9	0.950	0.979	1.039	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58694011	AM	SOLAR	5	N/A		0.9	0.951	0.981	1.031	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58666106	AM	SOLAR	7.6	N/A		0.9	0.950	0.969	1.029	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58646386	AM	SOLAR	6	N/A		0.9	0.980	1.000	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58691099	AM	SOLAR	10	N/A		0.9	0.950	0.960	1.010	1.040	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58708713	AM	SOLAR	16.4	N/A		0.9	0.950	0.978	1.038	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58669514	AM	SOLAR	3.8	N/A		0.9	0.964	0.984	1.024	1.044	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58691547	AM	SOLAR	10	N/A		0.9	0.960	1.010	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58657528	AM	SOLAR	20	N/A		0.9	0.980	1.000	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58702299	AM	SOLAR	3.8	N/A		0.9	0.970	0.990	1.030	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58708305	AM	SOLAR	3.8	N/A		0.9	0.950	0.978	1.038	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58638384	AM	SOLAR	6	N/A		0.9	0.955	0.985	1.035	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58603172	AM	SOLAR	6	N/A		0.9	0.952	0.982	1.032	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58716547	AM	SOLAR	7.6	N/A		0.9	0.970	0.990	1.030	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58663519	AM	SOLAR	3.8	N/A		0.9	0.950	0.977	1.037	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58705798	AM	SOLAR	6	N/A		0.9	0.960	0.990	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58737808	AM	SOLAR	3.8	N/A		0.9	0.968	0.988	1.038	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58692907	AM	SOLAR	3.8	N/A		0.9	0.955	0.985	1.035	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58717748	AM	SOLAR	10	N/A		0.9	0.952	0.982	1.032	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58646587	AM	SOLAR	16.4	N/A		0.9	0.950	0.964	1.024	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58649656	AM	SOLAR	10	N/A		0.9	0.950	0.968	1.028	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58741285	AM	SOLAR	7.6	N/A		0.9	0.970	0.990	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58665226	AM	SOLAR	7.6	N/A		0.9	0.950	0.979	1.039	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58697209	AM	SOLAR	17.4	N/A		0.9	0.960	0.990	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58659096	AM	SOLAR	7.68	N/A		0.9	0.964	0.984	1.024	1.044	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58661381	AM	SOLAR	10	N/A		0.9	0.960	0.990	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58690086	AM	SOLAR	11.4	N/A		0.9	0.950	0.979	1.039	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58646780	AM	SOLAR	6	N/A		0.9	0.951	0.981	1.031	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44

58752273	AM	SOLAR	11.4	N/A		0.9	0.956	0.986	1.036	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58688503	AM	SOLAR	10	N/A		0.9	0.978	0.998	1.038	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58725647	AM	SOLAR	6	N/A		0.9	0.977	0.997	1.037	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58703408	AM	SOLAR	13.6	N/A		0.9	0.952	0.982	1.032	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58716478	AM	SOLAR	10	N/A		0.9	0.960	0.990	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58691229	AM	SOLAR	10	N/A		0.9	0.960	0.990	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58716398	AM	SOLAR	10	N/A		0.9	0.973	0.993	1.033	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58643010	AM	SOLAR	5	N/A		0.9	0.950	0.980	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58718574	AM	SOLAR	13.6	N/A		0.9	0.950	0.960	1.010	1.040	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58713649	AM	SOLAR	20	N/A		0.9	0.970	0.990	1.030	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58671212	AM	SOLAR	10	N/A		0.9	0.950	0.968	1.018	1.048	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58704624	AM	SOLAR	11.4	N/A		0.9	0.950	0.980	1.030	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58721801	AM	SOLAR	5	N/A		0.9	0.958	0.988	1.038	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58670047	AM	SOLAR	6	N/A		0.9	0.980	1.000	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58666248	AM	SOLAR	10	N/A		0.9	0.956	0.986	1.036	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58705022	AM	SOLAR	14.4	N/A		0.9	0.960	0.990	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58717827	AM	SOLAR	11.4	N/A		0.9	0.950	0.968	1.028	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58712261	AM	SOLAR	13.6	N/A		0.9	0.953	0.983	1.033	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58722426	AM	SOLAR	10	N/A		0.9	0.950	0.977	1.037	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58699007	AM	SOLAR	17.6	N/A		0.9	0.955	0.985	1.035	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58681841	AM	SOLAR	3.8	N/A		0.9	0.950	0.961	1.021	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58704053	AM	SOLAR	10	N/A		0.9	0.950	0.964	1.024	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58698416	AM	SOLAR	13.6	N/A		0.9	0.960	0.990	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58696456	AM	SOLAR	3.8	N/A		0.9	0.950	0.965	1.025	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58699223	AM	SOLAR	10	N/A		0.9	0.950	0.968	1.026	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58704090	AM	SOLAR	20	N/A		0.9	0.956	0.986	1.036	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58748860	AM	SOLAR	10	N/A		0.9	0.970	0.990	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58637084	AM	SOLAR	6	N/A		0.9	0.980	1.000	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58689122	AM	SOLAR	15.2	BATTERY		0.9	0.950	0.961	1.011	1.041	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58697525	AM	SOLAR	10	N/A		0.9	0.960	0.990	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58672050	AM	SOLAR	3.8	N/A		0.9	0.980	1.000	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58703427	AM	SOLAR	7.6	N/A		0.9	0.980	1.000	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58697904	AM	SOLAR	5	N/A		0.9	0.978	0.998	1.038	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58703309	AM	SOLAR	6	N/A		0.9	0.980	1.000	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58704481	AM	SOLAR	20	N/A		0.9	0.955	0.985	1.035	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58634150	AM	SOLAR	13.6	N/A		0.9	0.960	0.990	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58700171	AM	SOLAR	7.6	N/A		0.9	0.950	0.980	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58700466	AM	SOLAR	7.6	N/A		0.9	0.950	0.963	1.023	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58657418	AM	SOLAR	7.6	N/A		0.9	0.950	0.963	1.023	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58683575	AM	SOLAR	10	N/A		0.9	0.980	1.000	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58697330	AM	SOLAR	10	N/A		0.9	0.973	0.993	1.033	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58692969	AM	SOLAR	15.2	N/A		0.9	0.980	1.000	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58677857	AM	SOLAR	15.2	N/A		0.9	0.960	0.990	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58708367	AM	SOLAR	10	N/A		0.9	0.960	0.990	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58688568	AM	SOLAR	10	N/A		0.9	0.950	0.979	1.039	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58748946	AM	SOLAR	5	N/A		0.9	0.960	0.990	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58696811	AM	SOLAR	5	N/A		0.9	0.956	0.986	1.036	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58731513	AM	SOLAR	10	N/A		0.9	0.958	0.988	1.038	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58707324	AM	SOLAR	6	N/A		0.9	0.960	0.990	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58647977	AM	SOLAR	16.4	N/A		0.9	0.950	0.966	1.016	1.046	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58669512	AM	SOLAR	6	N/A		0.9	0.970	0.990	1.030	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58720186	AM	SOLAR	10	N/A		0.9	0.957	0.987	1.037	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58749855	AM	SOLAR	16.4	N/A		0.9	0.960	0.990	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58714670	AM	SOLAR	15	N/A		0.9	0.960	0.990	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58707421	AM	SOLAR	5	N/A		0.9	0.950	0.962	1.022	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58675796	AM	SOLAR	6	N/A		0.9	0.973	0.993	1.033	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58717942	AM	SOLAR	7.6	N/A		0.9	0.960	0.990	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58653065	AM	SOLAR	6	N/A		0.9	0.952	0.982	1.032	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58641271	AM	SOLAR	10	N/A		0.9	0.980	1.000	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58620265	AM	SOLAR	7.6	N/A		0.9	0.953	0.983	1.033	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58670791	AM	SOLAR	13.6	N/A		0.9	0.950	0.982	1.032	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58709524	AM	SOLAR	7.6	BATTERY		0.9	0.951	0.981	1.031	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58710042	AM	SOLAR	5	N/A		0.9	0.960	0.990	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58644221	AM	SOLAR	15.2	N/A		0.9	0.950	0.972	1.032	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58699645	AM	SOLAR	62.5	N/A		0.9	0.950	0.980	1.030	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58698523	AM	SOLAR	5	N/A		0.9	0.952	0.982	1.032	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58661325	AM	SOLAR	13.6	N/A		0.9	0.950	0.963	1.023	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58644205	AM	SOLAR	11.4	N/A		0.9	0.952	0.982	1.032	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58721903	AM	SOLAR	5	N/A		0.9	0.950	0.969	1.029	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58725057	AM	SOLAR	15.2	N/A		0.9	0.956	0.986	1.036	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58723020	AM	SOLAR	10	N/A		0.9	0.978	0.998	1.038	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58719485	AM	SOLAR	13.6	N/A		0.9	0.950	0.973	1.033	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58642778	AM	SOLAR	11.4	N/A		0.9	0.954	0.984	1.034	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58709097	AM	SOLAR	5	N/A		0.9	0.950	0.969	1.019	1.049	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58710336	AM	SOLAR	7.6	N/A		0.9	0.960	0.990	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58710984	AM	SOLAR	10	N/A		0.9	0.977	0.997	1.037	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58703777	AM	SOLAR	12	N/A		0.9	0.950	0.961	1.021	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58683421	AM	SOLAR	10	N/A		0.9	0.950	0.974	1.034	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58696394	AM	SOLAR	10	N/A		0.9	0.960	0.990	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58680668	AM	SOLAR	10	N/A		0.9	0.954	0.984	1.034	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58642823	AM	SOLAR	10	N/A		0.9	0.953	0.983	1.033	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58626653	AM	SOLAR	7.6	N/A		0.9	0.957	0.987	1.037	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58674105	AM	SOLAR	11.4	N/A		0.9	0.950	0.978	1.038	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58679016	AM	SOLAR	21.4	N/A		0.9	0.959	0.989	1.039	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58689993	AM	SOLAR	20	N/A		0.9	0.950	0.971	1.031	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58719853	AM	SOLAR	10	N/A		0.9	0.959	0.989	1.039	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58717668	AM	SOLAR	9	N/A		0.9	0.954	0.984	1.034	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58678790	AM	SOLAR	10	N/A		0.9	0.980	1.000	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58635347	AM	SOLAR	7.6	N/A		0.9	0.957	0.987	1.037	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58635322	AM	SOLAR	5	N/A		0.9	0.950	0.973	1.033	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58717660	AM	SOLAR	6	N/A		0.9	0.950	0.967	1.027	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58709772	AM	SOLAR	7.6	N/A		0.9	0.950	0.972	1.032	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58626719	AM	SOLAR	13.44	BATTERY		0.9	0.950	0.962	1.022	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58698426	AM	SOLAR	13.6	N/A		0.9	0.960	0.990	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44

58669282	AM	SOLAR	7.6	N/A		0.9	0.959	0.989	1.039	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58751738	AM	SOLAR	6	N/A		0.9	0.960	0.990	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58704065	AM	SOLAR	7.6	N/A		0.9	0.963	0.983	1.023	1.043	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58682436	AM	SOLAR	7.6	N/A		0.9	0.960	0.990	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58727730	AM	SOLAR	15.2	N/A		0.9	0.950	0.974	1.034	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58697077	AM	SOLAR	10	N/A		0.9	0.980	1.000	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58720741	AM	SOLAR	10	N/A		0.9	0.960	0.990	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58706010	AM	SOLAR	16	N/A		0.9	0.958	0.988	1.038	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58704457	AM	SOLAR	10	N/A		0.9	0.950	0.960	1.010	1.040	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58687727	AM	SOLAR	11.4	N/A		0.9	0.960	0.990	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58673427	AM	SOLAR	11.4	N/A		0.9	0.950	0.974	1.034	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58720140	AM	SOLAR	6	N/A		0.9	0.953	0.983	1.033	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58719442	AM	SOLAR	10	N/A		0.9	0.980	1.000	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58709557	AM	SOLAR	7.68	N/A		0.9	0.976	0.996	1.036	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58696684	AM	SOLAR	7.6	N/A		0.9	0.950	0.978	1.038	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58680221	AM	SOLAR	7.6	N/A		0.9	0.950	0.977	1.037	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58642264	AM	SOLAR	9.8	N/A		0.9	0.980	1.000	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58710895	AM	SOLAR	5	N/A		0.9	0.960	0.990	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58716800	AM	SOLAR	17.6	N/A		0.9	0.959	0.989	1.039	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58716518	AM	SOLAR	15	N/A		0.9	0.960	0.990	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58683307	AM	SOLAR	10	N/A		0.9	0.980	1.000	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58617208	AM	SOLAR	10	N/A		0.9	0.960	0.990	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58711193	AM	SOLAR	10	N/A		0.9	0.980	1.000	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58710424	AM	SOLAR	3	N/A		0.9	0.974	0.994	1.034	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58703972	AM	SOLAR	11.4	N/A		0.9	0.950	0.969	1.029	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58692298	AM	SOLAR	6	N/A		0.9	0.971	0.991	1.031	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58690055	AM	SOLAR	5	N/A		0.9	0.950	0.960	1.010	1.040	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58719823	AM	SOLAR	7.6	N/A		0.9	0.975	0.995	1.035	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58719256	AM	SOLAR	10	N/A		0.9	0.980	1.000	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58655293	AM	SOLAR	10	N/A		0.9	0.960	0.990	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58700857	AM	SOLAR	10	N/A		0.9	0.955	0.985	1.035	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58705185	AM	SOLAR	13.6	N/A		0.9	0.957	0.987	1.037	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58708726	AM	SOLAR	14.4	N/A		0.9	0.960	0.990	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58689055	AM	SOLAR	11.4	N/A		0.9	0.960	0.990	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58658090	AM	SOLAR	10	N/A		0.9	0.950	0.966	1.026	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58649077	AM	SOLAR	10	N/A		0.9	0.950	0.974	1.034	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58680347	AM	SOLAR	12	N/A		0.9	0.950	0.977	1.037	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58712366	AM	SOLAR	5	N/A		0.9	0.956	0.986	1.036	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58694824	AM	SOLAR	6	N/A		0.9	0.950	0.980	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58699995	AM	SOLAR	10	N/A		0.9	0.950	0.973	1.033	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58724666	AM	SOLAR	6	N/A		0.9	0.953	0.983	1.033	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58716945	AM	SOLAR	6	N/A		0.9	0.960	0.990	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58721039	AM	SOLAR	10	N/A		0.9	0.950	0.971	1.031	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58707377	AM	SOLAR	10	N/A		0.9	0.950	0.973	1.033	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58691528	AM	SOLAR	10	N/A		0.9	0.950	0.960	1.020	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58700299	AM	SOLAR	3.8	N/A		0.9	0.968	0.988	1.028	1.048	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58699436	AM	SOLAR	3.8	N/A		0.9	0.955	0.985	1.035	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58650308	AM	SOLAR	10	N/A		0.9	0.973	0.993	1.033	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58703241	AM	SOLAR	45.6	N/A		0.9	0.950	0.977	1.037	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58748689	AM	SOLAR	11.4	N/A		0.9	0.950	0.977	1.037	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58711929	AM	SOLAR	7.6	N/A		0.9	0.980	1.000	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58720062	AM	SOLAR	10	N/A		0.9	0.950	0.971	1.031	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58723186	AM	SOLAR	11.4	N/A		0.9	0.980	1.000	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58690049	AM	SOLAR	17.4	N/A		0.9	0.980	1.000	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58713378	AM	SOLAR	7.6	N/A		0.9	0.959	0.989	1.039	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58710706	AM	SOLAR	3.8	N/A		0.9	0.950	0.973	1.033	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58681775	AM	SOLAR	3	N/A		0.9	0.952	0.982	1.032	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58740999	AM	SOLAR	10	N/A		0.9	0.964	0.984	1.034	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58747798	AM	SOLAR	5	N/A		0.9	0.950	0.977	1.037	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58689255	AM	SOLAR	10	N/A		0.9	0.950	0.975	1.035	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58692232	AM	SOLAR	22.8	N/A		0.9	0.950	0.967	1.027	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58714166	AM	SOLAR	12.6	N/A		0.9	0.960	0.990	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58694934	AM	SOLAR	11.4	N/A		0.9	0.957	0.987	1.037	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58693100	AM	SOLAR	15.2	N/A		0.9	0.960	0.990	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58702571	AM	SOLAR	12	N/A		0.9	0.957	0.987	1.037	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58750963	AM	SOLAR	10	N/A		0.9	0.960	0.990	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58651063	AM	SOLAR	6	N/A		0.9	0.950	0.978	1.038	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58682697	AM	SOLAR	10	N/A		0.9	0.960	0.990	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58659960	AM	SOLAR	7.6	N/A		0.9	0.950	0.975	1.035	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58704326	AM	SOLAR	10	N/A		0.9	0.956	0.986	1.036	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58694858	AM	SOLAR	22.8	N/A		0.9	0.960	0.990	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58702445	AM	SOLAR	6	N/A		0.9	0.950	0.970	1.030	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58752367	AM	SOLAR	7.6	N/A		0.9	0.960	0.990	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58693770	AM	SOLAR	3.8	N/A		0.9	0.978	0.998	1.038	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58707588	AM	SOLAR	7.6	N/A		0.9	0.960	0.990	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58710794	AM	SOLAR	7.6	N/A		0.9	0.958	0.988	1.038	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58678498	AM	SOLAR	11.4	N/A		0.9	0.960	0.990	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58700158	AM	SOLAR	7.6	N/A		0.9	0.960	0.990	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58671259	AM	SOLAR	15.2	N/A		0.9	0.958	0.988	1.038	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58746496	AM	SOLAR	15.2	N/A		0.9	0.960	0.990	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58726995	AM	SOLAR	45.6	N/A		0.9	0.951	0.981	1.031	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58675826	AM	SOLAR	5	N/A		0.9	0.974	0.994	1.034	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58712545	AM	SOLAR	12.6	N/A		0.9	0.978	0.998	1.038	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58688036	AM	SOLAR	15.2	N/A		0.9	0.960	0.990	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58748330	AM	SOLAR	6	N/A		0.9	0.950	0.975	1.035	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58670138	AM	SOLAR	7.6	N/A		0.9	0.950	0.978	1.038	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58710215	AM	SOLAR	5	N/A		0.9	0.974	0.994	1.034	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58711044	AM	SOLAR	7.6	N/A		0.9	0.970	0.990	1.030	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58704818	AM	SOLAR	11.4	N/A		0.9	0.968	0.988	1.028	1.048	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58746854	AM	SOLAR	10	N/A		0.9	0.970	0.990	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58706695	AM	SOLAR	6	N/A		0.9	0.967	0.987	1.027	1.047	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58695778	AM	SOLAR	7.6	N/A		0.9	0.980	1.000	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58716528	AM	SOLAR	17.6	N/A		0.9	0.950	0.971	1.031	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58689437	AM	SOLAR	10	N/A		0.9	0.955	0.985	1.035	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44

58727414	AM	SOLAR	6	N/A		0.9	0.955	0.985	1.035	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58631684	AM	SOLAR	7.6	N/A		0.9	0.960	0.990	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58724704	AM	SOLAR	10	BATTERY		0.9	0.950	0.980	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58696486	AM	SOLAR	13	N/A		0.9	0.958	0.988	1.038	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58711302	AM	SOLAR	5	N/A		0.9	0.950	0.980	1.030	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58738107	AM	SOLAR	11.4	N/A		0.9	0.960	0.990	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58700166	AM	SOLAR	6	N/A		0.9	0.960	0.990	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58704052	AM	SOLAR	7.6	BATTERY		0.9	0.957	0.977	1.017	1.037	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58669043	AM	SOLAR	10	N/A		0.9	0.950	0.979	1.039	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58718649	AM	SOLAR	15.2	N/A		0.9	0.950	0.973	1.033	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58720938	AM	SOLAR	10	N/A		0.9	0.977	0.997	1.037	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58712103	AM	SOLAR	6	N/A		0.9	0.980	1.000	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58750156	AM	SOLAR	16	N/A		0.9	0.950	0.972	1.032	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58704246	AM	SOLAR	12	N/A		0.9	0.958	0.988	1.038	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58680276	AM	SOLAR	17.4	N/A		0.9	0.960	0.990	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58691043	AM	SOLAR	10	N/A		0.9	0.954	0.984	1.034	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58663173	AM	SOLAR	11.4	N/A		0.9	0.950	0.961	1.011	1.041	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58690331	AM	SOLAR	7.6	N/A		0.9	0.956	0.986	1.036	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58713729	AM	SOLAR	30	N/A		0.9	0.950	0.969	1.029	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58706885	AM	SOLAR	7.6	N/A		0.9	0.980	1.000	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58679067	AM	SOLAR	10	N/A		0.9	0.957	0.987	1.037	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58641214	AM	SOLAR	10	N/A		0.9	0.950	0.967	1.027	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58748163	AM	SOLAR	10	N/A		0.9	0.960	0.990	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58711006	AM	SOLAR	7.6	N/A		0.9	0.950	0.978	1.038	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58582307	AM	SOLAR	3.8	N/A		0.9	0.950	0.960	1.010	1.040	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58713984	AM	SOLAR	11.4	N/A		0.9	0.950	0.976	1.036	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58702831	AM	SOLAR	11.4	N/A		0.9	0.959	0.989	1.039	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58719182	AM	SOLAR	11.4	N/A		0.9	0.950	0.979	1.039	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58743607	AM	SOLAR	3.8	N/A		0.9	0.970	0.990	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58748668	AM	SOLAR	10	N/A		0.9	0.950	0.976	1.036	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58690133	AM	SOLAR	10	N/A		0.9	0.960	0.990	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58698496	AM	SOLAR	12	N/A		0.9	0.950	0.965	1.015	1.045	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58695071	AM	SOLAR	7.6	N/A		0.9	0.955	0.985	1.035	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58708288	AM	SOLAR	13.6	N/A		0.9	0.960	0.990	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58721861	AM	SOLAR	10	N/A		0.9	0.950	0.974	1.034	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58721188	AM	SOLAR	6	N/A		0.9	0.960	0.990	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58697314	AM	SOLAR	15.2	BATTERY		0.9	0.950	0.974	1.034	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58717295	AM	SOLAR	5	N/A		0.9	0.980	1.000	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58694839	AM	SOLAR	11.4	N/A		0.9	0.960	0.990	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58653015	AM	SOLAR	13.8	N/A		0.9	0.950	0.963	1.013	1.043	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58722072	AM	SOLAR	16	N/A		0.9	0.950	0.969	1.029	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58745671	AM	SOLAR	3.8	N/A		0.9	0.950	0.977	1.037	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58653365	AM	SOLAR	10	BATTERY		0.9	0.968	0.988	1.028	1.048	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58698007	AM	SOLAR	7.6	N/A		0.9	0.976	0.996	1.036	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58718815	AM	SOLAR	10	N/A		0.9	0.980	1.000	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58678576	AM	SOLAR	13	N/A		0.9	0.960	0.990	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58688550	AM	SOLAR	5	N/A		0.9	0.950	0.967	1.027	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58671658	AM	SOLAR	6	N/A		0.9	0.950	0.974	1.034	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58683458	AM	SOLAR	11.4	N/A		0.9	0.950	0.971	1.031	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58726698	AM	SOLAR	15.2	N/A		0.9	0.950	0.969	1.029	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58677621	AM	SOLAR	3	N/A		0.9	0.950	0.964	1.024	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58707159	AM	SOLAR	7.6	N/A		0.9	0.980	1.000	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58664700	AM	SOLAR	10	N/A		0.9	0.950	0.980	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58697710	AM	SOLAR	11.4	N/A		0.9	0.953	0.983	1.033	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58717610	AM	SOLAR	7.6	N/A		0.9	0.955	0.985	1.035	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58746937	AM	SOLAR	10	N/A		0.9	0.960	0.990	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58708560	AM	SOLAR	7.6	N/A		0.9	0.980	1.000	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58750146	AM	SOLAR	7.6	N/A		0.9	0.950	0.978	1.038	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58655467	AM	SOLAR	6	N/A		0.9	0.950	0.978	1.038	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58705076	AM	SOLAR	7.6	BATTERY		0.9	0.980	1.000	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58696510	AM	SOLAR	6	N/A		0.9	0.968	0.988	1.028	1.048	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58668239	AM	SOLAR	11.4	N/A		0.9	0.980	1.000	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58700692	AM	SOLAR	7.6	N/A		0.9	0.950	0.974	1.034	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58719422	AM	SOLAR	15.2	N/A		0.9	0.950	0.973	1.033	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58709950	AM	SOLAR	10	N/A		0.9	0.950	0.968	1.028	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58707141	AM	SOLAR	10	N/A		0.9	0.960	0.990	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58694319	AM	SOLAR	10	N/A		0.9	0.950	0.968	1.028	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58698351	AM	SOLAR	10	N/A		0.9	0.951	0.981	1.031	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58708641	AM	SOLAR	11.4	N/A		0.9	0.955	0.985	1.035	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58704633	AM	SOLAR	13.6	N/A		0.9	0.968	0.988	1.028	1.048	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58718030	AM	SOLAR	11.4	N/A		0.9	0.979	0.999	1.039	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58689548	AM	SOLAR	13.6	N/A		0.9	0.950	0.964	1.014	1.044	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58712108	AM	SOLAR	5	N/A		0.9	0.950	0.970	1.030	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58705558	AM	SOLAR	15.2	N/A		0.9	0.960	0.990	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58731723	AM	SOLAR	19	N/A		0.9	0.950	0.970	1.030	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58743222	AM	SOLAR	11.4	N/A		0.9	0.950	0.980	1.030	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58679336	AM	SOLAR	10	N/A		0.9	0.972	0.992	1.032	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58673619	AM	SOLAR	10	N/A		0.9	0.952	0.982	1.032	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58671509	AM	SOLAR	7.68	N/A		0.9	0.950	0.965	1.025	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58703907	AM	SOLAR	10	N/A		0.9	0.960	0.990	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58709541	AM	SOLAR	6	N/A		0.9	0.956	0.986	1.036	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58638620	AM	SOLAR	7.6	N/A		0.9	0.960	0.990	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58651135	AM	SOLAR	10	N/A		0.9	0.952	0.982	1.032	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58698358	AM	SOLAR	10	N/A		0.9	0.960	0.990	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58728226	AM	SOLAR	11.4	N/A		0.9	0.958	0.988	1.038	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58742183	AM	SOLAR	7.6	N/A		0.9	0.960	0.990	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58718508	AM	SOLAR	10	N/A		0.9	0.960	0.990	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58743414	AM	SOLAR	12	N/A		0.9	0.950	0.971	1.031	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58713603	AM	SOLAR	11.4	N/A		0.9	0.951	0.981	1.031	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58692076	AM	SOLAR	7.6	N/A		0.9	0.950	0.972	1.032	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58728424	AM	SOLAR	6	N/A		0.9	0.959	0.989	1.039	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58675709	AM	SOLAR	10	N/A		0.9	0.955	0.975	1.015	1.035	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58706395	AM	SOLAR	6	N/A		0.9	0.950	0.962	1.022	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58723351	AM	SOLAR	10	N/A		0.9	0.951	0.981	1.031	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44

58670683	AM	SOLAR	3.3	N/A		0.9	0.950	0.963	1.013	1.043	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58674079	AM	SOLAR	11.4	N/A		0.9	0.980	1.000	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58655257	AM	SOLAR	34.2	N/A		0.9	0.980	1.000	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58693583	AM	SOLAR	12	N/A		0.9	0.950	0.976	1.036	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58691300	AM	SOLAR	10	N/A		0.9	0.960	0.990	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58728767	AM	SOLAR	6	N/A		0.9	0.960	0.990	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58647870	AM	SOLAR	11.4	N/A		0.9	0.950	0.965	1.025	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58651845	AM	SOLAR	7.6	N/A		0.9	0.950	0.978	1.038	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58701266	AM	SOLAR	10	N/A		0.9	0.950	0.968	1.028	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58720354	AM	SOLAR	21.4	N/A		0.9	0.960	0.990	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58718981	AM	SOLAR	13	N/A		0.9	0.950	0.980	1.030	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58713619	AM	SOLAR	19	N/A		0.9	0.955	0.985	1.035	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58656073	AM	SOLAR	7.6	N/A		0.9	0.960	0.990	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58722134	AM	SOLAR	14.4	N/A		0.9	0.980	1.000	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58705932	AM	SOLAR	13.8	N/A		0.9	0.977	0.997	1.037	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58645662	AM	SOLAR	7.6	N/A		0.9	0.950	0.966	1.016	1.046	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58707826	AM	SOLAR	10	N/A		0.9	0.957	0.987	1.037	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58717297	AM	SOLAR	7.6	N/A		0.9	0.975	0.995	1.035	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58706621	AM	SOLAR	12.6	N/A		0.9	0.950	0.970	1.030	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58664611	AM	SOLAR	10	N/A		0.9	0.950	0.978	1.038	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58721785	AM	SOLAR	5	N/A		0.9	0.980	1.000	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58678616	AM	SOLAR	15.2	N/A		0.9	0.978	0.998	1.038	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58711478	AM	SOLAR	7.6	N/A		0.9	0.980	1.000	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58689621	AM	SOLAR	5	N/A		0.9	0.962	0.982	1.022	1.042	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58679912	AM	SOLAR	10	N/A		0.9	0.976	0.996	1.036	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58710314	AM	SOLAR	7.6	N/A		0.9	0.950	0.980	1.030	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58721513	AM	SOLAR	5	N/A		0.9	0.954	0.984	1.034	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58691966	AM	SOLAR	6	N/A		0.9	0.950	0.979	1.039	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58750016	AM	SOLAR	11.4	N/A		0.9	0.960	0.990	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58642513	AM	SOLAR	15.2	N/A		0.9	0.950	0.963	1.023	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58694759	AM	SOLAR	10	N/A		0.9	0.966	0.986	1.026	1.046	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58639034	AM	SOLAR	10	N/A		0.9	0.960	0.990	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58747207	AM	SOLAR	7.6	N/A		0.9	0.950	0.970	1.030	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58631728	AM	SOLAR	7.6	N/A		0.9	0.950	0.979	1.039	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58699117	AM	SOLAR	10	N/A		0.9	0.950	0.978	1.038	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58751281	AM	SOLAR	11.4	N/A		0.9	0.950	0.970	1.030	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58747026	AM	SOLAR	7.6	N/A		0.9	0.950	0.974	1.034	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58699847	AM	SOLAR	6	N/A		0.9	0.952	0.982	1.032	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58715008	AM	SOLAR	10	N/A		0.9	0.979	0.999	1.039	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58719698	AM	SOLAR	7.6	N/A		0.9	0.960	0.990	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58677734	AM	SOLAR	7.6	N/A		0.9	0.950	0.973	1.033	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58639444	AM	SOLAR	5	N/A		0.9	0.950	0.967	1.027	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58724141	AM	SOLAR	11.4	N/A		0.9	0.950	0.980	1.030	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58741309	AM	SOLAR	12	N/A		0.9	0.960	0.990	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58726674	AM	SOLAR	11.4	N/A		0.9	0.970	0.990	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58710087	AM	SOLAR	6	N/A		0.9	0.950	0.969	1.029	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58642781	AM	SOLAR	5	N/A		0.9	0.950	0.974	1.034	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58707353	AM	SOLAR	6	N/A		0.9	0.960	0.990	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58695417	AM	SOLAR	11.4	N/A		0.9	0.950	0.981	1.031	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58701960	AM	SOLAR	15.2	N/A		0.9	0.950	0.971	1.031	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58710343	AM	SOLAR	17.6	BATTERY		0.9	0.957	0.977	1.017	1.037	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58652852	AM	SOLAR	5	N/A		0.9	0.975	0.995	1.035	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58713750	AM	SOLAR	3	N/A		0.9	0.980	1.000	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58660622	AM	SOLAR	5	N/A		0.9	0.980	1.000	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58712422	AM	SOLAR	11.4	N/A		0.9	0.960	0.990	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58658235	AM	SOLAR	6	N/A		0.9	0.955	0.985	1.035	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58697215	AM	SOLAR	5	N/A		0.9	0.951	0.981	1.031	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58696683	AM	SOLAR	10	N/A		0.9	0.960	0.990	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58720523	AM	SOLAR	7.6	N/A		0.9	0.953	0.973	1.013	1.033	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58651175	AM	SOLAR	9.6	N/A		0.9	0.960	0.990	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58640225	AM	SOLAR	5	N/A		0.9	0.979	0.999	1.039	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58742799	AM	SOLAR	10	N/A		0.9	0.958	0.988	1.038	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58748120	AM	SOLAR	7.6	N/A		0.9	0.960	0.990	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58723165	AM	SOLAR	7.6	N/A		0.9	0.960	0.990	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58653514	AM	SOLAR	12	N/A		0.9	0.958	0.988	1.038	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58642596	AM	SOLAR	10	N/A		0.9	0.974	0.994	1.034	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58724223	AM	SOLAR	10	N/A		0.9	0.953	0.983	1.033	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58696813	AM	SOLAR	7.6	N/A		0.9	0.950	0.972	1.032	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58722685	AM	SOLAR	10	N/A		0.9	0.960	0.990	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58721543	AM	SOLAR	10	N/A		0.9	0.950	0.963	1.013	1.043	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58666222	AM	SOLAR	17.6	N/A		0.9	0.953	0.983	1.033	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58747417	AM	SOLAR	6	N/A		0.9	0.960	0.990	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58749882	AM	SOLAR	10	N/A		0.9	0.964	0.984	1.034	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58745702	AM	SOLAR	6	N/A		0.9	0.970	0.990	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58630333	AM	SOLAR	7.6	N/A		0.9	0.980	1.000	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58701970	AM	SOLAR	7.6	N/A		0.9	0.980	1.000	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58721379	AM	SOLAR	15	N/A		0.9	0.956	0.986	1.036	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58692927	AM	SOLAR	14.4	N/A		0.9	0.978	0.998	1.038	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58679823	AM	SOLAR	13	N/A		0.9	0.960	0.990	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58699016	AM	SOLAR	11.52	N/A		0.9	0.960	0.990	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58674039	AM	SOLAR	13.6	N/A		0.9	0.960	0.990	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58652069	AM	SOLAR	5	N/A		0.9	0.956	0.986	1.036	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58640005	AM	SOLAR	10	N/A		0.9	0.980	1.000	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58726134	AM	SOLAR	6	N/A		0.9	0.960	0.990	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58641005	AM	SOLAR	15.2	N/A		0.9	0.950	0.962	1.022	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58675873	AM	SOLAR	13.6	N/A		0.9	0.972	0.992	1.032	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58646859	AM	SOLAR	7.6	N/A		0.9	0.980	1.000	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58729858	AM	SOLAR	7.6	N/A		0.9	0.950	0.969	1.029	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58709314	AM	SOLAR	11.4	N/A		0.9	0.950	0.979	1.039	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58639493	AM	SOLAR	20	N/A		0.9	0.955	0.985	1.035	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58651128	AM	SOLAR	13.8	N/A		0.9	0.950	0.960	1.010	1.040	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58693595	AM	SOLAR	12	N/A		0.9	0.950	0.960	1.020	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58691509	AM	SOLAR	7.6	N/A		0.9	0.960	0.990	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58689127	AM	SOLAR	6	N/A		0.9	0.950	0.977	1.037	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44

58692808	AM	SOLAR	15.2	N/A		0.9	0.960	0.990	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58639638	AM	SOLAR	3.8	N/A		0.9	0.968	0.988	1.028	1.048	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58680273	AM	SOLAR	6	N/A		0.9	0.950	0.976	1.036	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58657229	AM	SOLAR	3.8	N/A		0.9	0.960	0.990	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58690796	AM	SOLAR	6	N/A		0.9	0.960	0.990	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58724837	AM	SOLAR	15	BATTERY		0.9	0.965	0.985	1.025	1.045	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58726473	AM	SOLAR	5	N/A		0.9	0.960	0.990	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58724901	AM	SOLAR	3.8	N/A		0.9	0.950	0.971	1.031	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58679963	AM	SOLAR	10	N/A		0.9	0.950	0.980	1.030	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58702010	AM	SOLAR	10	N/A		0.9	0.950	0.974	1.034	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58714698	AM	SOLAR	7.6	N/A		0.9	0.980	1.000	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58642255	AM	SOLAR	7.6	N/A		0.9	0.957	0.987	1.037	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58660274	AM	SOLAR	6	N/A		0.9	0.959	0.989	1.039	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58737611	AM	SOLAR	10	N/A		0.9	0.950	0.969	1.019	1.049	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58721636	AM	SOLAR	15	BATTERY		0.9	0.950	0.969	1.019	1.049	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58713386	AM	SOLAR	10	N/A		0.9	0.960	0.990	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58620857	AM	SOLAR	5	N/A		0.9	0.950	0.961	1.011	1.041	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58696962	AM	SOLAR	10	N/A		0.9	0.980	1.000	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58688243	AM	SOLAR	11.4	N/A		0.9	0.950	0.968	1.028	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58672269	AM	SOLAR	10	N/A		0.9	0.974	0.994	1.034	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58704008	AM	SOLAR	11.4	N/A		0.9	0.960	0.990	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58688528	AM	SOLAR	19	N/A		0.9	0.950	0.969	1.029	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58702278	AM	SOLAR	3.8	N/A		0.9	0.950	0.977	1.037	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58710671	AM	SOLAR	6	N/A		0.9	0.950	0.969	1.029	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58744771	AM	SOLAR	5	N/A		0.9	0.950	0.971	1.031	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58676597	AM	SOLAR	6	N/A		0.9	0.969	0.989	1.029	1.049	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58704110	AM	SOLAR	6	N/A		0.9	0.950	0.963	1.023	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58670206	AM	SOLAR	3	N/A		0.9	0.980	1.000	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58696379	AM	SOLAR	11.4	N/A		0.9	0.980	1.000	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58645874	AM	SOLAR	3.8	N/A		0.9	0.959	0.989	1.039	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58688890	AM	SOLAR	5	N/A		0.9	0.960	0.990	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58665000	AM	SOLAR	6	N/A		0.9	0.952	0.982	1.032	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58661404	AM	SOLAR	15.2	N/A		0.9	0.956	0.986	1.036	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58716912	AM	SOLAR	7.6	N/A		0.9	0.960	0.990	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58690593	AM	SOLAR	6	N/A		0.9	0.950	0.975	1.035	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58713017	AM	SOLAR	7.6	N/A		0.9	0.955	0.985	1.035	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58649643	AM	SOLAR	7.6	N/A		0.9	0.954	0.984	1.034	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58691212	AM	SOLAR	10	N/A		0.9	0.980	1.000	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58708180	AM	SOLAR	5	N/A		0.9	0.960	0.990	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58649178	AM	SOLAR	7.6	N/A		0.9	0.960	0.990	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58646900	AM	SOLAR	11	BATTERY		0.9	0.950	0.969	1.019	1.049	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58715860	AM	SOLAR	6	N/A		0.9	0.976	0.996	1.036	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58716617	AM	SOLAR	15	N/A		0.9	0.973	0.993	1.033	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58740527	AM	SOLAR	7.6	N/A		0.9	0.950	0.967	1.027	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58679092	AM	SOLAR	10	N/A		0.9	0.956	0.986	1.036	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58702822	AM	SOLAR	20	N/A		0.9	0.960	0.990	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58687647	AM	SOLAR	11	BATTERY		0.9	0.960	0.990	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58698134	AM	SOLAR	10	N/A		0.9	0.980	1.000	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58698718	AM	SOLAR	10	N/A		0.9	0.950	0.978	1.038	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58690015	AM	SOLAR	6	N/A		0.9	0.951	0.981	1.031	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58625925	AM	SOLAR	5	N/A		0.9	0.980	1.000	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58724204	AM	SOLAR	7.6	N/A		0.9	0.955	0.985	1.035	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58693254	AM	SOLAR	5	N/A		0.9	0.956	0.976	1.016	1.036	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58719255	AM	SOLAR	3	N/A		0.9	0.960	0.990	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58694715	AM	SOLAR	11.4	N/A		0.9	0.950	0.960	1.020	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58639179	AM	SOLAR	6	N/A		0.9	0.950	0.980	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58696282	AM	SOLAR	17.6	N/A		0.9	0.971	0.991	1.031	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58696399	AM	SOLAR	15	N/A		0.9	0.960	0.990	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58702354	AM	SOLAR	10	N/A		0.9	0.950	0.970	1.020	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58723346	AM	SOLAR	5	N/A		0.9	0.980	1.000	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58691184	AM	SOLAR	11.4	N/A		0.9	0.950	0.967	1.017	1.047	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58647249	AM	SOLAR	14.4	N/A		0.9	0.960	0.990	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58696448	AM	SOLAR	7.6	N/A		0.9	0.950	0.966	1.026	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58682831	AM	SOLAR	7.6	N/A		0.9	0.951	0.981	1.031	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58737426	AM	SOLAR	10	N/A		0.9	0.950	0.970	1.030	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58721660	AM	SOLAR	11.4	N/A		0.9	0.960	0.990	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58668463	AM	SOLAR	7.6	N/A		0.9	0.950	0.963	1.013	1.043	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58691352	AM	SOLAR	7.6	N/A		0.9	0.950	0.971	1.031	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58690936	AM	SOLAR	15.2	N/A		0.9	0.950	0.980	1.030	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58649217	AM	SOLAR	10	N/A		0.9	0.958	0.988	1.038	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58648177	AM	SOLAR	11.52	N/A		0.9	0.960	0.990	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58691045	AM	SOLAR	11.4	N/A		0.9	0.950	0.973	1.033	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58655581	AM	SOLAR	7.6	N/A		0.9	0.950	0.968	1.028	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58744322	AM	SOLAR	5	N/A		0.9	0.959	0.989	1.039	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58692714	AM	SOLAR	11.4	N/A		0.9	0.951	0.981	1.031	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58712112	AM	SOLAR	15.2	BATTERY		0.9	0.960	0.990	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58676712	AM	SOLAR	10	N/A		0.9	0.960	0.990	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58651071	AM	SOLAR	11	BATTERY		0.9	0.950	0.978	1.038	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58696922	AM	SOLAR	7.6	N/A		0.9	0.954	0.984	1.034	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58665121	AM	SOLAR	3.8	N/A		0.9	0.980	1.000	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58700951	AM	SOLAR	6	N/A		0.9	0.980	1.000	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58676737	AM	SOLAR	7.6	N/A		0.9	0.950	0.978	1.038	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58693587	AM	SOLAR	10	N/A		0.9	0.950	0.961	1.011	1.041	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58702725	AM	SOLAR	10	N/A		0.9	0.958	0.988	1.038	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58673628	AM	SOLAR	1080	N/A		0.9	0.950	0.960	1.000	1.020	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58728515	AM	SOLAR	13.6	N/A		0.9	0.952	0.982	1.032	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58638039	AM	SOLAR	10	N/A		0.9	0.951	0.981	1.031	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58614125	AM	SOLAR	7.68	BATTERY		0.9	0.954	0.984	1.034	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58672910	AM	SOLAR	12	N/A		0.9	0.958	0.988	1.038	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58693031	AM	SOLAR	7.6	N/A		0.9	0.967	0.987	1.027	1.047	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58701936	AM	SOLAR	6	N/A		0.9	0.974	0.994	1.034	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58709374	AM	SOLAR	6	N/A		0.9	0.950	0.978	1.038	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58704013	AM	SOLAR	10	N/A		0.9	0.980	1.000	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58704360	AM	SOLAR	5	N/A		0.9	0.973	0.993	1.033	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44

58651177	AM	SOLAR	11.4	N/A		0.9	0.950	0.969	1.019	1.049	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58719690	AM	SOLAR	11.4	N/A		0.9	0.956	0.986	1.036	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58709126	AM	SOLAR	7.6	N/A		0.9	0.950	0.972	1.032	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58693876	AM	SOLAR	14.4	N/A		0.9	0.950	0.975	1.035	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58607847	AM	SOLAR	3.8	N/A		0.9	0.979	0.999	1.039	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58625812	AM	SOLAR	7.68	N/A		0.9	0.950	0.961	1.021	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58703045	AM	SOLAR	7.6	N/A		0.9	0.950	0.979	1.039	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58750863	AM	SOLAR	10	N/A		0.9	0.960	0.990	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58693579	AM	SOLAR	5	N/A		0.9	0.960	0.990	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58660131	AM	SOLAR	5	N/A		0.9	0.970	0.990	1.030	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58704821	AM	SOLAR	11.4	N/A		0.9	0.958	0.988	1.038	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58670220	AM	SOLAR	3.8	N/A		0.9	0.951	0.981	1.031	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58717150	AM	SOLAR	10	N/A		0.9	0.960	0.990	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58705197	AM	SOLAR	6	N/A		0.9	0.960	0.990	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58701188	AM	SOLAR	13.6	N/A		0.9	0.950	0.966	1.026	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58711899	AM	SOLAR	7.6	N/A		0.9	0.960	0.990	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58680117	AM	SOLAR	10	N/A		0.9	0.951	0.981	1.031	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58692312	AM	SOLAR	3.8	N/A		0.9	0.976	0.996	1.036	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58652290	AM	SOLAR	15.2	N/A		0.9	0.950	0.960	1.010	1.040	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58740263	AM	SOLAR	13	N/A		0.9	0.950	0.974	1.034	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58647910	AM	SOLAR	11.4	N/A		0.9	0.960	0.990	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58693494	AM	SOLAR	16.4	N/A		0.9	0.951	0.981	1.031	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58747517	AM	SOLAR	10	N/A		0.9	0.950	0.975	1.035	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58664876	AM	SOLAR	19	N/A		0.9	0.950	0.968	1.018	1.048	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58732333	AM	SOLAR	5	N/A		0.9	0.960	0.990	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58646632	AM	SOLAR	7.6	N/A		0.9	0.967	0.987	1.027	1.047	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58658188	AM	SOLAR	10	N/A		0.9	0.950	0.961	1.021	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58704642	AM	SOLAR	14.4	N/A		0.9	0.955	0.985	1.035	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58661229	AM	SOLAR	10	N/A		0.9	0.979	0.999	1.039	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58720709	AM	SOLAR	3.8	N/A		0.9	0.973	0.993	1.033	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58698489	AM	SOLAR	6	N/A		0.9	0.980	1.000	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58675584	AM	SOLAR	7.6	BATTERY		0.9	0.950	0.967	1.017	1.047	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58599786	AM	SOLAR	11.52	BATTERY		0.9	0.950	0.977	1.037	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58704568	AM	SOLAR	10	N/A		0.9	0.950	0.965	1.025	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58743630	AM	SOLAR	10	N/A		0.9	0.953	0.983	1.033	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58658551	AM	SOLAR	6	N/A		0.9	0.980	1.000	1.040	1.050	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58606940	1	SOLAR	13.44	N/A	X	0.9	0.98	1	1.04	1.05	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58610682	1	SOLAR	15.36	BATTERY	X	0.9	0.98	1	1.04	1.05	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58611651	AM	SOLAR	10	N/A		0.9	0.973	0.993	1.033	1.05	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58611692	AM	SOLAR	13.44	BATTERY		0.9	0.95	0.971	1.031	1.05	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58613935	AM	SOLAR	3.8	N/A		0.9	0.956	0.986	1.036	1.05	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58616890	AM	SOLAR	5	N/A		0.9	0.97	0.99	1.04	1.05	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58620802	1	SOLAR	3.8	N/A	X	0.9	0.975	0.995	1.035	1.05	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58620945	AM	SOLAR	100	N/A		0.9	0.95	0.973	1.033	1.05	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58622101	AM	SOLAR	5	N/A		0.9	0.951	0.981	1.031	1.05	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58630348	AM	SOLAR	10	N/A		0.9	0.972	0.992	1.032	1.05	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58630986	AM	SOLAR	6	N/A		0.9	0.956	0.986	1.036	1.05	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58632751	AM	SOLAR	5	N/A		0.9	0.954	0.984	1.034	1.05	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58632811	AM	SOLAR	10	N/A		0.9	0.95	0.973	1.033	1.05	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58635449	AM	SOLAR	12	N/A		0.9	0.95	0.96	1.01	1.04	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58635696	AM	SOLAR	7.6	N/A		0.9	0.963	0.983	1.023	1.043	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58636811	AM	SOLAR	7.6	N/A		0.9	0.95	0.97	1.03	1.05	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58638822	AM	SOLAR	6	N/A		0.9	0.956	0.986	1.036	1.05	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58639086	AM	SOLAR	10	N/A		0.9	0.95	0.963	1.023	1.05	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58639550	AM	SOLAR	7.6	N/A		0.9	0.95	0.961	1.021	1.05	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58640252	AM	SOLAR	1528	N/A		0.9	0.95	0.961	1.021	1.041	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58640649	AM	SOLAR	3.8	N/A		0.9	0.971	0.991	1.031	1.05	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58641019	AM	SOLAR	7.6	N/A		0.9	0.953	0.983	1.033	1.05	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58641081	AM	SOLAR	1500	N/A		0.9	0.959	0.989	1.039	1.05	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58642980	AM	SOLAR	5	N/A		0.9	0.95	0.98	1.03	1.05	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58644646	AM	SOLAR	7.6	BATTERY		0.9	0.95	0.962	1.012	1.042	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58644675	AM	SOLAR	10	N/A		0.9	0.98	1	1.04	1.05	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58646718	AM	SOLAR	5	N/A		0.9	0.955	0.985	1.035	1.05	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58647290	AM	SOLAR	10	N/A		0.9	0.96	0.99	1.04	1.05	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58647622	AM	SOLAR	10	N/A		0.9	0.95	0.961	1.001	1.021	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58647925	AM	SOLAR	3.8	N/A		0.9	0.98	1	1.04	1.05	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58648004	AM	SOLAR	6	N/A		0.9	0.95	0.966	1.016	1.046	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58648113	AM	SOLAR	6	N/A		0.9	0.95	0.96	1.01	1.04	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58648996	AM	SOLAR	7.6	N/A		0.9	0.954	0.984	1.034	1.05	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58651846	AM	SOLAR	10	N/A		0.9	0.98	1	1.04	1.05	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58652084	AM	SOLAR	11.4	N/A		0.9	0.978	0.998	1.038	1.05	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58658201	AM	SOLAR	7.6	N/A		0.9	0.956	0.986	1.036	1.05	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58661086	AM	SOLAR	10	BATTERY		0.9	0.96	0.99	1.04	1.05	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58661295	AM	SOLAR	10	N/A		0.9	0.95	0.965	1.015	1.045	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58663082	AM	SOLAR	50	N/A		0.9	0.956	0.976	1.016	1.036	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58663419	AM	SOLAR	6	N/A		0.9	0.978	0.998	1.038	1.05	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58663626	AM	SOLAR	16	N/A		0.9	0.96	0.99	1.04	1.05	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58663924	AM	SOLAR	7.6	N/A		0.9	0.952	0.982	1.032	1.05	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58664266	AM	SOLAR	5	N/A		0.9	0.95	0.967	1.027	1.05	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58664332	AM	SOLAR	3.8	N/A		0.9	0.953	0.983	1.033	1.05	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58664639	AM	SOLAR	10	N/A		0.9	0.973	0.993	1.033	1.05	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58664705	AM	SOLAR	10	N/A		0.9	0.961	0.981	1.021	1.041	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58665233	AM	SOLAR	20	N/A		0.9	0.956	0.986	1.036	1.05	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58666246	AM	SOLAR	10	N/A		0.9	0.95	0.97	1.02	1.05	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58666617	AM	SOLAR	760	N/A		0.9	0.95	0.978	1.038	1.05	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58668302	AM	SOLAR	11.4	N/A		0.9	0.95	0.98	1.04	1.05	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58668375	AM	SOLAR	40	N/A		0.9	0.959	0.989	1.039	1.05	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58668505	AM	SOLAR	9.8	N/A		0.9	0.95	0.979	1.039	1.05	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58669033	AM	SOLAR	7.6	N/A		0.9	0.96	0.99	1.04	1.05	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58669428	AM	SOLAR	7.6	N/A		0.9	0.95	0.974	1.034	1.05	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58669597	AM	SOLAR	6	N/A		0.9	0.95	0.967	1.027	1.05	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58670147	AM	SOLAR	6	N/A		0.9	0.951	0.981	1.031	1.05	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58671217	AM	SOLAR	10	N/A		0.9	0.95	0.96	1.01	1.04	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58671274	AM	SOLAR	10	N/A		0.9	0.954	0.984	1.034	1.05	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44

58672917	AM	SOLAR	170	N/A		0.9	0.96	0.99	1.04	1.05	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58674150	AM	SOLAR	7.6	N/A		0.9	0.952	0.982	1.032	1.05	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58674295	AM	SOLAR	10	N/A		0.9	0.956	0.986	1.036	1.05	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58674611	AM	SOLAR	7.6	N/A		0.9	0.95	0.98	1.03	1.05	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58675503	AM	SOLAR	12	N/A		0.9	0.95	0.97	1.02	1.05	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58676048	AM	SOLAR	10	N/A		0.9	0.98	1	1.04	1.05	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58678236	AM	SOLAR	10	N/A		0.9	0.95	0.979	1.039	1.05	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58678285	AM	SOLAR	10	N/A		0.9	0.979	0.999	1.039	1.05	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58678586	AM	SOLAR	10	N/A		0.9	0.98	1	1.04	1.05	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58678702	AM	SOLAR	17.6	N/A		0.9	0.95	0.978	1.038	1.05	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58680736	AM	SOLAR	5	N/A		0.9	0.96	0.99	1.04	1.05	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58681473	AM	SOLAR	6	N/A		0.9	0.958	0.978	1.018	1.038	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58682001	AM	SOLAR	11.89	N/A		0.9	0.96	0.99	1.04	1.05	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58682822	AM	SOLAR	20	N/A		0.9	0.95	0.973	1.033	1.05	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58683147	AM	SOLAR	10	N/A		0.9	0.98	1	1.04	1.05	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58687819	AM	SOLAR	10	N/A		0.9	0.95	0.973	1.033	1.05	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58688054	1	SOLAR	15.2	BATTERY	X	0.9	0.96	0.99	1.04	1.05	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58688728	AM	SOLAR	7.6	N/A		0.9	0.96	0.99	1.04	1.05	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58688946	AM	SOLAR	11.4	N/A		0.9	0.95	0.961	1.021	1.05	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58689324	AM	SOLAR	10	N/A		0.9	0.951	0.981	1.031	1.05	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58689508	AM	SOLAR	10	N/A		0.9	0.96	0.99	1.04	1.05	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58689514	AM	SOLAR	6	N/A		0.9	0.952	0.982	1.032	1.05	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58689557	AM	SOLAR	10	N/A		0.9	0.98	1	1.04	1.05	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58690422	AM	SOLAR	5	N/A		0.9	0.951	0.981	1.031	1.05	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58690647	AM	SOLAR	45.6	N/A		0.9	0.95	0.979	1.039	1.05	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58691190	AM	SOLAR	3	N/A		0.9	0.97	0.99	1.03	1.05	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58691399	AM	SOLAR	5	N/A		0.9	0.96	0.99	1.04	1.05	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58691701	AM	SOLAR	3.8	N/A		0.9	0.951	0.981	1.031	1.05	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58692155	AM	SOLAR	17.4	N/A		0.9	0.95	0.963	1.023	1.05	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58692551	AM	SOLAR	10	N/A		0.9	0.95	0.98	1.03	1.05	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58693485	AM	SOLAR	20	N/A		0.9	0.96	0.99	1.04	1.05	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58694056	AM	SOLAR	11.4	N/A		0.9	0.951	0.981	1.031	1.05	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58694332	AM	SOLAR	10	N/A		0.9	0.979	0.999	1.039	1.05	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58694372	AM	SOLAR	7.6	N/A		0.9	0.958	0.988	1.038	1.05	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58695246	AM	SOLAR	3.8	N/A		0.9	0.958	0.988	1.038	1.05	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58696429	AM	SOLAR	17.6	N/A		0.9	0.955	0.985	1.035	1.05	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58696843	AM	SOLAR	3.8	N/A		0.9	0.98	1	1.04	1.05	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58696960	AM	SOLAR	6	BATTERY		0.9	0.96	0.99	1.04	1.05	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58697228	AM	SOLAR	6	N/A		0.9	0.98	1	1.04	1.05	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58697599	AM	SOLAR	17.4	N/A		0.9	0.95	0.963	1.013	1.043	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58697838	AM	SOLAR	50	BATTERY		0.9	0.954	0.984	1.034	1.05	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58697842	AM	SOLAR	6	N/A		0.9	0.95	0.98	1.03	1.05	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58698502	AM	SOLAR	11.4	N/A		0.9	0.96	0.99	1.04	1.05	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58700085	AM	SOLAR	7.6	N/A		0.9	0.95	0.98	1.04	1.05	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58700197	AM	SOLAR	5	N/A		0.9	0.95	0.969	1.019	1.049	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58700401	AM	SOLAR	7.6	N/A		0.9	0.958	0.988	1.038	1.05	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58700431	AM	SOLAR	10	N/A		0.9	0.952	0.982	1.032	1.05	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58700558	AM	SOLAR	3.8	N/A		0.9	0.976	0.996	1.036	1.05	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58700859	AM	SOLAR	5	N/A		0.9	0.972	0.992	1.032	1.05	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58700965	AM	SOLAR	13.6	N/A		0.9	0.968	0.988	1.028	1.048	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58701156	AM	SOLAR	3.8	N/A		0.9	0.971	0.991	1.031	1.05	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58703692	AM	SOLAR	120	N/A		0.9	0.95	0.96	1	1.02	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58704350	AM	SOLAR	240	N/A		0.9	0.95	0.967	1.027	1.05	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58704436	AM	SOLAR	6	N/A		0.9	0.954	0.984	1.034	1.05	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58704814	AM	SOLAR	13	N/A		0.9	0.956	0.986	1.036	1.05	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58704823	AM	SOLAR	11.4	N/A		0.9	0.951	0.981	1.031	1.05	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58705579	AM	SOLAR	43.2	N/A		0.9	0.959	0.989	1.039	1.05	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58705585	AM	SOLAR	6	N/A		0.9	0.951	0.981	1.031	1.05	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58705610	AM	SOLAR	3.8	N/A		0.9	0.98	1	1.04	1.05	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58705757	AM	SOLAR	8.12	N/A		0.9	0.96	0.99	1.04	1.05	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58706757	AM	SOLAR	11.4	N/A		0.9	0.96	0.99	1.04	1.05	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58707325	AM	SOLAR	6	N/A		0.9	0.95	0.968	1.028	1.05	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58708265	AM	SOLAR	7.6	N/A		0.9	0.98	1	1.04	1.05	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58708490	AM	SOLAR	11.4	N/A		0.9	0.98	1	1.04	1.05	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58708556	AM	SOLAR	12	N/A		0.9	0.95	0.98	1.03	1.05	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58711726	AM	SOLAR	3.8	N/A		0.9	0.972	0.992	1.032	1.05	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58712749	AM	SOLAR	600	N/A		0.9	0.95	0.96	1.01	1.03	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58712991	AM	SOLAR	68.4	N/A		0.9	0.95	0.974	1.034	1.05	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58713291	AM	SOLAR	125.4	N/A		0.9	0.96	0.99	1.04	1.05	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58713478	AM	SOLAR	6	N/A		0.9	0.973	0.993	1.033	1.05	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58713930	AM	SOLAR	50	N/A		0.9	0.976	0.996	1.036	1.05	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58714089	AM	SOLAR	11.4	N/A		0.9	0.95	0.974	1.034	1.05	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58715490	AM	SOLAR	7.6	BATTERY		0.9	0.96	0.99	1.04	1.05	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58717342	AM	SOLAR	10	N/A		0.9	0.95	0.97	1.03	1.05	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58717586	AM	SOLAR	3.8	N/A		0.9	0.96	0.99	1.04	1.05	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58717830	AM	SOLAR	5	N/A		0.9	0.955	0.985	1.035	1.05	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58718793	AM	SOLAR	30	BATTERY		0.9	0.959	0.989	1.039	1.05	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58719160	AM	SOLAR	7.6	N/A		0.9	0.96	0.99	1.04	1.05	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58719670	AM	SOLAR	10	N/A		0.9	0.95	0.969	1.029	1.05	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58722182	AM	SOLAR	16	N/A		0.9	0.973	0.993	1.033	1.05	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58722370	AM	SOLAR	86.5	N/A		0.9	0.96	0.99	1.04	1.05	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58722862	AM	SOLAR	11.8	N/A		0.9	0.95	0.971	1.031	1.05	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58723327	AM	SOLAR	38	N/A		0.9	0.95	0.964	1.014	1.044	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58723864	AM	SOLAR	7.25	N/A		0.9	0.96	0.99	1.04	1.05	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58723907	AM	SOLAR	45.6	N/A		0.9	0.96	0.99	1.04	1.05	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58724144	AM	SOLAR	21.24	N/A		0.9	0.96	0.99	1.04	1.05	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58725581	AM	SOLAR	6	N/A		0.9	0.95	0.979	1.039	1.05	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58726351	AM	SOLAR	20.88	N/A		0.9	0.97	0.99	1.04	1.05	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58727191	AM	SOLAR	120	N/A		0.9	0.97	0.99	1.03	1.05	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58727485	AM	SOLAR	8.775	N/A		0.9	0.95	0.972	1.032	1.05	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58727718	AM	SOLAR	3.48	N/A		0.9	0.97	0.99	1.04	1.05	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58728284	AM	SOLAR	5	N/A		0.9	0.96	0.99	1.04	1.05	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58728784	AM	SOLAR	1080	N/A		0.9	0.95	0.96	1	1.02	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58728839	AM	SOLAR	15.08	N/A		0.9	0.951	0.981	1.031	1.05	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44

58728892	AM	SOLAR	8.41	N/A		0.9	0.96	0.99	1.04	1.05	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58729117	AM	SOLAR	5	N/A		0.9	0.97	0.99	1.04	1.05	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58729248	AM	SOLAR	5.8	BATTERY		0.9	0.95	0.972	1.032	1.05	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58729901	AM	SOLAR	7.83	N/A		0.9	0.957	0.987	1.037	1.05	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58732311	AM	SOLAR	10	N/A		0.9	0.96	0.99	1.04	1.05	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58732834	AM	SOLAR	8.7	N/A		0.9	0.95	0.972	1.032	1.05	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58732835	AM	SOLAR	7.6	N/A		0.9	0.98	1	1.04	1.05	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58733243	AM	SOLAR	12.18	N/A		0.9	0.97	0.99	1.04	1.05	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58733298	AM	SOLAR	30	N/A		0.9	0.951	0.981	1.031	1.05	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58733443	AM	SOLAR	14.21	N/A		0.9	0.95	0.98	1.04	1.05	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58733546	AM	SOLAR	13.12	N/A		0.9	0.964	0.984	1.034	1.05	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58733619	AM	SOLAR	1.45	N/A		0.9	0.957	0.987	1.037	1.05	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58733695	AM	SOLAR	5.22	N/A		0.9	0.97	0.99	1.04	1.05	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58733930	AM	SOLAR	6	N/A		0.9	0.96	0.99	1.04	1.05	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58734101	AM	SOLAR	11.89	N/A		0.9	0.96	0.99	1.04	1.05	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58734126	AM	SOLAR	7.25	N/A		0.9	0.96	0.99	1.04	1.05	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58734282	AM	SOLAR	10.15	N/A		0.9	0.95	0.974	1.034	1.05	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58734864	AM	SOLAR	4.875	N/A		0.9	0.96	0.99	1.04	1.05	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58734869	AM	SOLAR	12.47	N/A		0.9	0.95	0.969	1.029	1.05	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58734876	AM	SOLAR	7.25	N/A		0.9	0.957	0.987	1.037	1.05	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58735321	AM	SOLAR	19	N/A		0.9	0.96	0.99	1.04	1.05	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58735411	AM	SOLAR	5.8	N/A		0.9	0.96	0.99	1.04	1.05	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58735590	AM	SOLAR	4.93	N/A		0.9	0.97	0.99	1.04	1.05	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58735703	AM	SOLAR	7.6	N/A		0.9	0.96	0.99	1.04	1.05	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58735833	AM	SOLAR	10	N/A		0.9	0.96	0.99	1.04	1.05	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58736088	AM	SOLAR	6.08	N/A		0.9	0.95	0.97	1.03	1.05	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58736305	AM	SOLAR	3.8	N/A		0.9	0.964	0.984	1.034	1.05	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58736379	AM	SOLAR	3.48	N/A		0.9	0.957	0.987	1.037	1.05	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58736788	AM	SOLAR	3.8	N/A		0.9	0.97	0.99	1.04	1.05	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58737059	AM	SOLAR	7.54	N/A		0.9	0.95	0.976	1.036	1.05	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58737400	AM	SOLAR	4.64	N/A		0.9	0.98	1	1.04	1.05	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58737461	AM	SOLAR	4.06	N/A		0.9	0.951	0.981	1.031	1.05	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58737588	AM	SOLAR	8.99	N/A		0.9	0.96	0.99	1.04	1.05	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58737833	AM	SOLAR	9.28	N/A		0.9	0.95	0.96	1.01	1.04	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58737889	AM	SOLAR	2.9	N/A		0.9	0.956	0.986	1.036	1.05	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58737986	AM	SOLAR	4.93	N/A		0.9	0.96	0.99	1.04	1.05	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58738097	AM	SOLAR	10.15	N/A		0.9	0.952	0.982	1.032	1.05	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58738352	AM	SOLAR	3.8	N/A		0.9	0.958	0.988	1.038	1.05	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58738365	AM	SOLAR	6.282	N/A		0.9	0.97	0.99	1.04	1.05	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58738379	AM	SOLAR	5.22	N/A		0.9	0.96	0.99	1.04	1.05	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58738389	AM	SOLAR	15.66	N/A		0.9	0.96	0.99	1.04	1.05	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58738500	AM	SOLAR	34.6	N/A		0.9	0.98	1	1.04	1.05	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58738644	AM	SOLAR	5.22	N/A		0.9	0.975	0.995	1.035	1.05	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58738982	AM	SOLAR	5.22	N/A		0.9	0.96	0.99	1.04	1.05	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58739063	AM	SOLAR	6.96	N/A		0.9	0.966	0.986	1.036	1.05	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58739139	AM	SOLAR	7.475	N/A		0.9	0.96	0.99	1.04	1.05	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58739155	AM	SOLAR	4.93	N/A		0.9	0.955	0.985	1.035	1.05	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58739184	AM	SOLAR	14.16	N/A		0.9	0.951	0.981	1.031	1.05	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58739213	AM	SOLAR	9.28	N/A		0.9	0.96	0.99	1.04	1.05	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58739223	AM	SOLAR	7.25	N/A		0.9	0.96	0.99	1.04	1.05	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58739227	AM	SOLAR	5.22	N/A		0.9	0.96	0.99	1.04	1.05	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58739233	AM	SOLAR	5.22	N/A		0.9	0.96	0.99	1.04	1.05	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58739495	AM	SOLAR	17.11	N/A		0.9	0.96	0.99	1.04	1.05	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58739711	AM	SOLAR	8.99	N/A		0.9	0.96	0.98	1.03	1.05	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58739758	AM	SOLAR	9.1	N/A		0.9	0.96	0.99	1.04	1.05	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58739777	AM	SOLAR	2.792	N/A		0.9	0.96	0.99	1.04	1.05	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58739908	AM	SOLAR	17.69	N/A		0.9	0.964	0.984	1.034	1.05	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58739929	AM	SOLAR	8.7	N/A		0.9	0.95	0.978	1.038	1.05	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58740044	AM	SOLAR	10.4	N/A		0.9	0.95	0.96	1.02	1.04	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58740117	AM	SOLAR	14.21	N/A		0.9	0.96	0.99	1.04	1.05	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58740256	AM	SOLAR	8.7	N/A		0.9	0.96	0.99	1.04	1.05	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58740278	AM	SOLAR	12.18	N/A		0.9	0.959	0.989	1.039	1.05	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58740279	AM	SOLAR	11.6	N/A		0.9	0.97	0.99	1.04	1.05	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58740321	AM	SOLAR	9.28	N/A		0.9	0.955	0.985	1.035	1.05	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58740348	AM	SOLAR	10	N/A		0.9	0.957	0.987	1.037	1.05	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58740449	AM	SOLAR	5.22	N/A		0.9	0.96	0.99	1.04	1.05	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58740500	AM	SOLAR	4.93	N/A		0.9	0.97	0.99	1.04	1.05	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58740524	AM	SOLAR	5.22	N/A		0.9	0.97	0.99	1.04	1.05	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58740581	AM	SOLAR	5.22	N/A		0.9	0.95	0.97	1.02	1.04	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58740706	AM	SOLAR	11.4	N/A		0.9	0.97	0.99	1.04	1.05	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58740850	AM	SOLAR	16.24	N/A		0.9	0.96	0.99	1.04	1.05	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58740878	AM	SOLAR	8.7	N/A		0.9	0.95	0.965	1.015	1.045	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58740897	AM	SOLAR	3.8	N/A		0.9	0.97	0.99	1.04	1.05	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58740926	AM	SOLAR	7.54	N/A		0.9	0.95	0.98	1.03	1.05	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58740966	AM	SOLAR	11.89	N/A		0.9	0.951	0.981	1.031	1.05	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58741040	AM	SOLAR	7.6	N/A		0.9	0.96	0.99	1.04	1.05	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58741046	AM	SOLAR	11.4	N/A		0.9	0.955	0.985	1.035	1.05	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58741149	AM	SOLAR	6.38	N/A		0.9	0.95	0.973	1.033	1.05	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58741169	AM	SOLAR	16.225	N/A		0.9	0.959	0.989	1.039	1.05	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58741283	AM	SOLAR	19	N/A		0.9	0.96	0.99	1.04	1.05	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58741444	AM	SOLAR	10	N/A		0.9	0.96	0.99	1.04	1.05	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58741453	AM	SOLAR	5.22	N/A		0.9	0.96	0.99	1.04	1.05	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58741464	AM	SOLAR	11.4	N/A		0.9	0.96	0.99	1.04	1.05	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58741480	AM	SOLAR	6	BATTERY		0.9	0.95	0.975	1.035	1.05	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58741482	AM	SOLAR	5	N/A		0.9	0.97	0.99	1.04	1.05	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58741662	AM	SOLAR	14.79	N/A		0.9	0.95	0.98	1.03	1.05	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58741664	AM	SOLAR	7.25	N/A		0.9	0.95	0.975	1.035	1.05	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58741667	AM	SOLAR	11.6	N/A		0.9	0.953	0.983	1.033	1.05	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58741714	AM	SOLAR	4.06	N/A		0.9	0.95	0.98	1.03	1.05	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58741771	AM	SOLAR	11	N/A		0.9	0.96	0.99	1.04	1.05	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58741778	AM	SOLAR	9.28	N/A		0.9	0.96	0.99	1.04	1.05	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58741847	AM	SOLAR	3.48	N/A		0.9	0.96	0.99	1.04	1.05	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58741856	AM	SOLAR	25.665	N/A		0.9	0.96	0.99	1.04	1.05	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58741857	AM	SOLAR	8.12	N/A		0.9	0.957	0.977	1.027	1.047	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44

58741931	AM	SOLAR	7.54	N/A		0.9	0.95	0.975	1.035	1.05	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58741932	AM	SOLAR	5.22	N/A		0.9	0.97	0.99	1.04	1.05	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58741954	AM	SOLAR	9.074	N/A		0.9	0.956	0.986	1.036	1.05	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58742004	AM	SOLAR	34.2	N/A		0.9	0.96	0.99	1.04	1.05	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58742179	AM	SOLAR	7.6	N/A		0.9	0.95	0.969	1.029	1.049	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58742239	AM	SOLAR	8.99	N/A		0.9	0.954	0.984	1.034	1.05	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58742377	AM	SOLAR	2.9	N/A		0.9	0.97	0.99	1.04	1.05	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58742476	AM	SOLAR	7.475	N/A		0.9	0.96	0.99	1.04	1.05	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58742666	AM	SOLAR	12.47	N/A		0.9	0.95	0.978	1.038	1.05	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58742689	AM	SOLAR	5.22	N/A		0.9	0.97	0.99	1.04	1.05	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58742695	AM	SOLAR	5.51	BATTERY		0.9	0.97	0.99	1.04	1.05	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58742721	AM	SOLAR	13.05	N/A		0.9	0.97	0.99	1.04	1.05	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58742770	AM	SOLAR	8.7	N/A		0.9	0.96	0.99	1.04	1.05	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58742788	AM	SOLAR	8.74	N/A		0.9	0.95	0.961	1.011	1.031	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58742806	AM	SOLAR	6.67	N/A		0.9	0.96	0.99	1.04	1.05	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58742943	AM	SOLAR	13.92	N/A		0.9	0.955	0.985	1.035	1.05	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58742982	AM	SOLAR	6	N/A		0.9	0.96	0.99	1.04	1.05	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58742996	AM	SOLAR	3	N/A		0.9	0.96	0.99	1.04	1.05	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58743008	AM	SOLAR	19	N/A		0.9	0.957	0.987	1.037	1.05	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58743051	AM	SOLAR	11.89	N/A		0.9	0.96	0.99	1.04	1.05	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58743071	AM	SOLAR	6.67	N/A		0.9	0.96	0.99	1.04	1.05	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58743091	AM	SOLAR	11.168	N/A		0.9	0.953	0.983	1.033	1.05	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58743117	AM	SOLAR	5.51	N/A		0.9	0.965	0.985	1.035	1.05	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58743184	AM	SOLAR	13.63	N/A		0.9	0.95	0.969	1.019	1.039	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58743253	AM	SOLAR	8.36	N/A		0.9	0.95	0.978	1.038	1.05	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58743383	AM	SOLAR	5.04	N/A		0.9	0.95	0.973	1.033	1.05	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58743384	AM	SOLAR	7.54	N/A		0.9	0.957	0.987	1.037	1.05	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58743421	AM	SOLAR	13.262	N/A		0.9	0.953	0.983	1.033	1.05	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58743455	AM	SOLAR	23.2	BATTERY		0.9	0.95	0.967	1.017	1.047	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58743495	AM	SOLAR	11.4	N/A		0.9	0.955	0.985	1.035	1.05	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58743535	AM	SOLAR	6.67	N/A		0.9	0.957	0.987	1.037	1.05	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58743565	AM	SOLAR	3	N/A		0.9	0.95	0.967	1.027	1.047	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58743578	AM	SOLAR	7.54	N/A		0.9	0.97	0.99	1.04	1.05	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58743589	AM	SOLAR	4.64	N/A		0.9	0.957	0.987	1.037	1.05	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58743599	AM	SOLAR	6.09	N/A		0.9	0.97	0.99	1.04	1.05	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58743614	AM	SOLAR	14.44	N/A		0.9	0.96	0.99	1.04	1.05	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58743616	AM	SOLAR	10	N/A		0.9	0.95	0.968	1.028	1.05	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58743840	AM	SOLAR	5.51	N/A		0.9	0.963	0.983	1.033	1.05	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58743862	AM	SOLAR	8.12	N/A		0.9	0.96	0.99	1.04	1.05	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58744114	AM	SOLAR	2.88	N/A		0.9	0.96	0.99	1.04	1.05	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58744118	AM	SOLAR	8.7	N/A		0.9	0.96	0.99	1.04	1.05	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58744123	AM	SOLAR	5.22	N/A		0.9	0.96	0.99	1.04	1.05	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58744285	AM	SOLAR	3.8	N/A		0.9	0.951	0.981	1.031	1.05	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58744320	AM	SOLAR	8.36	N/A		0.9	0.97	0.99	1.04	1.05	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58744339	AM	SOLAR	4.93	N/A		0.9	0.95	0.972	1.032	1.05	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58744535	AM	SOLAR	6.96	N/A		0.9	0.96	0.99	1.04	1.05	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58744551	AM	SOLAR	5.8	N/A		0.9	0.96	0.99	1.04	1.05	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58744565	AM	SOLAR	7.6	N/A		0.9	0.95	0.964	1.014	1.034	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58744662	AM	SOLAR	8.775	N/A		0.9	0.96	0.99	1.04	1.05	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58744671	AM	SOLAR	12.98	N/A		0.9	0.97	0.99	1.04	1.05	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58744680	AM	SOLAR	12.18	N/A		0.9	0.96	0.99	1.04	1.05	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58744708	AM	SOLAR	10.32	N/A		0.9	0.958	0.988	1.038	1.05	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58744722	AM	SOLAR	7.6	N/A		0.9	0.958	0.978	1.028	1.048	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58744737	AM	SOLAR	11.7	N/A		0.9	0.95	0.978	1.038	1.05	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58744763	AM	SOLAR	15.37	N/A		0.9	0.95	0.968	1.028	1.05	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58744765	AM	SOLAR	9.074	N/A		0.9	0.95	0.973	1.033	1.05	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58744792	AM	SOLAR	10	N/A		0.9	0.95	0.961	1.011	1.031	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58744821	AM	SOLAR	14.5	BATTERY		0.9	0.95	0.972	1.032	1.05	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58744830	AM	SOLAR	7.6	N/A		0.9	0.95	0.963	1.023	1.043	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58744834	AM	SOLAR	6.96	N/A		0.9	0.95	0.98	1.04	1.05	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58744864	AM	SOLAR	4.06	N/A		0.9	0.96	0.99	1.04	1.05	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58744880	AM	SOLAR	2.9	N/A		0.9	0.96	0.99	1.04	1.05	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58744963	AM	SOLAR	9.28	N/A		0.9	0.95	0.975	1.035	1.05	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58744985	AM	SOLAR	5.8	N/A		0.9	0.96	0.99	1.04	1.05	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58744986	AM	SOLAR	9.57	N/A		0.9	0.96	0.99	1.04	1.05	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58745151	AM	SOLAR	4.35	N/A		0.9	0.97	0.99	1.04	1.05	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58745164	AM	SOLAR	4.93	N/A		0.9	0.96	0.99	1.04	1.05	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58745207	AM	SOLAR	10.44	N/A		0.9	0.97	0.99	1.04	1.05	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58745261	AM	SOLAR	11.4	N/A		0.9	0.956	0.986	1.036	1.05	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58745301	AM	SOLAR	15	N/A		0.9	0.96	0.99	1.04	1.05	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58745332	AM	SOLAR	7.25	BATTERY		0.9	0.95	0.98	1.03	1.05	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58745370	AM	SOLAR	10.73	N/A		0.9	0.96	0.99	1.04	1.05	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58745393	AM	SOLAR	8.41	N/A		0.9	0.96	0.99	1.04	1.05	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58745439	AM	SOLAR	10.44	N/A		0.9	0.95	0.975	1.035	1.05	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58745451	AM	SOLAR	8.7	N/A		0.9	0.951	0.981	1.031	1.05	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58745478	AM	SOLAR	9.86	N/A		0.9	0.96	0.99	1.04	1.05	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58745526	AM	SOLAR	11.02	N/A		0.9	0.97	0.99	1.04	1.05	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58745537	AM	SOLAR	15.2	N/A		0.9	0.96	0.99	1.04	1.05	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58745564	AM	SOLAR	10.62	N/A		0.9	0.969	0.989	1.039	1.05	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58745697	AM	SOLAR	1.28	N/A		0.9	0.96	0.99	1.04	1.05	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58745708	AM	SOLAR	9.216	N/A		0.9	0.96	0.99	1.04	1.05	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58745721	AM	SOLAR	10.368	N/A		0.9	0.956	0.986	1.036	1.05	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58745733	AM	SOLAR	19	N/A		0.9	0.95	0.975	1.035	1.05	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58745760	AM	SOLAR	7.54	N/A		0.9	0.95	0.976	1.036	1.05	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58745764	AM	SOLAR	46.068	N/A		0.9	0.95	0.975	1.035	1.05	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58745802	AM	SOLAR	8.12	N/A		0.9	0.95	0.967	1.017	1.047	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58745982	AM	SOLAR	7.83	N/A		0.9	0.97	0.99	1.04	1.05	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58745983	AM	SOLAR	7.25	N/A		0.9	0.95	0.965	1.025	1.05	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58745990	AM	SOLAR	8.376	N/A		0.9	0.957	0.987	1.037	1.05	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58746006	AM	SOLAR	5.22	N/A		0.9	0.969	0.989	1.039	1.05	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58746072	AM	SOLAR	5.51	N/A		0.9	0.958	0.988	1.038	1.05	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58746080	AM	SOLAR	5.22	N/A		0.9	0.957	0.977	1.027	1.047	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58746148	AM	SOLAR	7.6	N/A		0.9	0.96	0.99	1.04	1.05	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58746161	AM	SOLAR	4.64	N/A		0.9	0.97	0.99	1.04	1.05	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44

58746167	AM	SOLAR	6.38	N/A		0.9	0.95	0.977	1.037	1.05	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58746221	AM	SOLAR	8.12	N/A		0.9	0.97	0.99	1.04	1.05	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58746245	AM	SOLAR	9.12	N/A		0.9	0.95	0.971	1.031	1.05	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58746365	AM	SOLAR	7.6	N/A		0.9	0.95	0.967	1.027	1.05	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58746396	AM	SOLAR	3.8	N/A		0.9	0.95	0.977	1.037	1.05	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58746407	AM	SOLAR	4.64	N/A		0.9	0.97	0.99	1.04	1.05	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58746441	AM	SOLAR	6	N/A		0.9	0.97	0.99	1.04	1.05	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58746453	AM	SOLAR	22.75	N/A		0.9	0.957	0.987	1.037	1.05	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58746462	AM	SOLAR	13.16	N/A		0.9	0.97	0.99	1.04	1.05	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58746507	AM	SOLAR	10	N/A		0.9	0.95	0.96	1.01	1.04	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58746530	AM	SOLAR	8.12	N/A		0.9	0.95	0.97	1.03	1.05	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58746591	AM	SOLAR	12	N/A		0.9	0.956	0.986	1.036	1.05	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58746749	AM	SOLAR	7.6	N/A		0.9	0.951	0.981	1.031	1.05	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58746769	AM	SOLAR	8.775	N/A		0.9	0.951	0.981	1.031	1.05	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58746792	AM	SOLAR	3	N/A		0.9	0.96	0.99	1.04	1.05	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58746888	AM	SOLAR	7.83	N/A		0.9	0.97	0.99	1.04	1.05	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58746924	AM	SOLAR	4.93	N/A		0.9	0.95	0.979	1.039	1.05	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58747005	AM	SOLAR	8.99	N/A		0.9	0.96	0.99	1.04	1.05	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58747221	AM	SOLAR	6.96	N/A		0.9	0.96	0.99	1.04	1.05	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58747242	AM	SOLAR	1.74	N/A		0.9	0.97	0.99	1.04	1.05	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58747284	AM	SOLAR	6	N/A		0.9	0.97	0.99	1.04	1.05	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58747320	AM	SOLAR	11.31	N/A		0.9	0.95	0.962	1.022	1.05	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58747387	AM	SOLAR	10.075	N/A		0.9	0.966	0.986	1.036	1.05	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58747429	AM	SOLAR	11.904	N/A		0.9	0.96	0.99	1.04	1.05	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58747513	AM	SOLAR	14.79	N/A		0.9	0.96	0.99	1.04	1.05	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58747536	AM	SOLAR	10	N/A		0.9	0.96	0.99	1.04	1.05	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58747544	AM	SOLAR	6	N/A		0.9	0.95	0.978	1.038	1.05	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58747669	AM	SOLAR	11.4	N/A		0.9	0.955	0.985	1.035	1.05	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58747680	AM	SOLAR	12.35	N/A		0.9	0.97	0.99	1.04	1.05	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58747753	AM	SOLAR	6.09	N/A		0.9	0.96	0.99	1.04	1.05	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58747760	AM	SOLAR	6.96	N/A		0.9	0.96	0.99	1.04	1.05	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58747762	AM	SOLAR	6	N/A		0.9	0.97	0.99	1.04	1.05	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58747791	AM	SOLAR	7.678	N/A		0.9	0.96	0.99	1.04	1.05	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58747926	AM	SOLAR	8.99	N/A		0.9	0.96	0.99	1.04	1.05	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58747928	AM	SOLAR	3.49	N/A		0.9	0.97	0.99	1.04	1.05	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58748113	AM	SOLAR	4.93	N/A		0.9	0.958	0.988	1.038	1.05	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58748279	AM	SOLAR	5.8	N/A		0.9	0.96	0.99	1.04	1.05	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58748287	AM	SOLAR	10	N/A		0.9	0.95	0.963	1.023	1.05	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58748391	AM	SOLAR	4.06	N/A		0.9	0.96	0.99	1.04	1.05	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58748629	AM	SOLAR	7.6	N/A		0.9	0.96	0.99	1.04	1.05	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58748639	AM	SOLAR	10.73	N/A		0.9	0.951	0.981	1.031	1.05	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58748654	AM	SOLAR	13	N/A		0.9	0.97	0.99	1.04	1.05	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58748690	AM	SOLAR	13.65	N/A		0.9	0.96	0.99	1.04	1.05	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58748705	AM	SOLAR	6.38	N/A		0.9	0.958	0.988	1.038	1.05	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58748716	AM	SOLAR	10	N/A		0.9	0.95	0.964	1.024	1.05	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58748797	AM	SOLAR	11.6	N/A		0.9	0.96	0.99	1.04	1.05	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58748803	AM	SOLAR	12.76	N/A		0.9	0.958	0.988	1.038	1.05	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58748938	AM	SOLAR	11.4	N/A		0.9	0.966	0.986	1.036	1.05	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58748947	AM	SOLAR	11.31	N/A		0.9	0.95	0.966	1.026	1.046	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58748954	AM	SOLAR	3.19	N/A		0.9	0.96	0.99	1.04	1.05	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58749139	AM	SOLAR	14.625	N/A		0.9	0.954	0.984	1.034	1.05	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58749153	AM	SOLAR	11.4	N/A		0.9	0.96	0.99	1.04	1.05	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58749236	AM	SOLAR	15.2	N/A		0.9	0.96	0.99	1.04	1.05	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58749312	AM	SOLAR	13.92	N/A		0.9	0.96	0.99	1.04	1.05	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58749346	AM	SOLAR	22.8	N/A		0.9	0.95	0.98	1.03	1.05	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58749422	AM	SOLAR	6.38	N/A		0.9	0.95	0.976	1.036	1.05	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58749468	AM	SOLAR	7.6	N/A		0.9	0.96	0.99	1.04	1.05	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58749471	AM	SOLAR	7.6	N/A		0.9	0.95	0.979	1.039	1.05	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58749472	AM	SOLAR	7.6	N/A		0.9	0.96	0.99	1.04	1.05	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58749538	AM	SOLAR	14.21	N/A		0.9	0.953	0.983	1.033	1.05	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58749573	AM	SOLAR	8.12	N/A		0.9	0.96	0.99	1.04	1.05	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58749635	AM	SOLAR	4.32	N/A		0.9	0.97	0.99	1.04	1.05	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58749642	AM	SOLAR	7.15	N/A		0.9	0.96	0.99	1.04	1.05	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58749708	AM	SOLAR	5.8	N/A		0.9	0.953	0.983	1.033	1.05	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58749730	AM	SOLAR	10.44	N/A		0.9	0.96	0.99	1.04	1.05	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58749737	AM	SOLAR	5.8	N/A		0.9	0.955	0.985	1.035	1.05	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58749744	AM	SOLAR	6.96	N/A		0.9	0.954	0.984	1.034	1.05	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58750052	AM	SOLAR	3.19	N/A		0.9	0.97	0.99	1.04	1.05	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58750099	AM	SOLAR	2.61	N/A		0.9	0.97	0.99	1.04	1.05	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58750106	AM	SOLAR	10.73	N/A		0.9	0.96	0.99	1.04	1.05	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58750159	AM	SOLAR	8.99	N/A		0.9	0.95	0.971	1.031	1.05	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58750259	AM	SOLAR	6.09	N/A		0.9	0.959	0.989	1.039	1.05	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58750264	AM	SOLAR	9.772	N/A		0.9	0.96	0.99	1.04	1.05	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58750275	AM	SOLAR	9.86	N/A		0.9	0.954	0.984	1.034	1.05	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58750299	AM	SOLAR	13	N/A		0.9	0.97	0.99	1.04	1.05	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58750421	AM	SOLAR	3.8	N/A		0.9	0.95	0.967	1.017	1.037	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58750447	AM	SOLAR	2.9	N/A		0.9	0.96	0.99	1.04	1.05	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58750508	AM	SOLAR	9.75	N/A		0.9	0.95	0.963	1.013	1.033	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58750554	AM	SOLAR	10	N/A		0.9	0.97	0.99	1.04	1.05	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58750620	AM	SOLAR	13.8	N/A		0.9	0.955	0.985	1.035	1.05	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58750728	AM	SOLAR	8.12	N/A		0.9	0.96	0.99	1.04	1.05	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58750949	AM	SOLAR	6.96	N/A		0.9	0.95	0.964	1.024	1.05	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58750975	AM	SOLAR	11.04	N/A		0.9	0.95	0.968	1.028	1.05	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58751071	AM	SOLAR	4.35	N/A		0.9	0.95	0.971	1.031	1.05	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58751262	AM	SOLAR	13.63	N/A		0.9	0.957	0.987	1.037	1.05	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58751265	AM	SOLAR	7.6	N/A		0.9	0.96	0.99	1.04	1.05	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58751324	AM	SOLAR	8.41	N/A		0.9	0.96	0.99	1.04	1.05	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58751331	AM	SOLAR	8.12	N/A		0.9	0.96	0.99	1.04	1.05	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58751341	AM	SOLAR	11.4	N/A		0.9	0.95	0.977	1.037	1.05	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58751375	AM	SOLAR	5.76	N/A		0.9	0.96	0.99	1.04	1.05	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58751377	AM	SOLAR	7.6	N/A		0.9	0.96	0.99	1.04	1.05	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58751522	AM	SOLAR	21.45	N/A		0.9	0.95	0.96	1.01	1.03	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58751706	AM	SOLAR	8.12	N/A		0.9	0.96	0.99	1.04	1.05	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58751772	AM	SOLAR	16.575	N/A		0.9	0.96	0.99	1.04	1.05	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44

58751778	AM	SOLAR	15.08	N/A		0.9	0.956	0.986	1.036	1.05	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58751813	AM	SOLAR	10	N/A		0.9	0.95	0.963	1.013	1.033	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58751844	AM	SOLAR	6	N/A		0.9	0.96	0.99	1.04	1.05	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58751873	AM	SOLAR	8.7	BATTERY		0.9	0.96	0.99	1.04	1.05	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58752072	AM	SOLAR	10.15	N/A		0.9	0.96	0.99	1.04	1.05	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58752369	AM	SOLAR	7.6	N/A		0.9	0.95	0.978	1.038	1.05	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58752411	AM	SOLAR	8.12	N/A		0.9	0.97	0.99	1.04	1.05	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58752452	AM	SOLAR	6.38	N/A		0.9	0.97	0.99	1.04	1.05	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58752488	AM	SOLAR	15.95	N/A		0.9	0.96	0.99	1.04	1.05	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58752679	AM	SOLAR	4.06	N/A		0.9	0.95	0.969	1.029	1.05	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58752739	AM	SOLAR	15.2	N/A		0.9	0.97	0.99	1.04	1.05	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58752775	AM	SOLAR	6	N/A		0.9	0.97	0.99	1.04	1.05	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58753153	AM	SOLAR	4.06	N/A		0.9	0.95	0.978	1.038	1.05	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58753472	AM	SOLAR	10.44	N/A		0.9	0.95	0.98	1.03	1.05	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58754332	AM	SOLAR	9.75	N/A		0.9	0.955	0.985	1.035	1.05	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58754341	AM	SOLAR	7.6	N/A		0.9	0.95	0.973	1.033	1.05	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58754845	AM	SOLAR	8.12	N/A		0.9	0.97	0.99	1.04	1.05	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44
58755160	AM	SOLAR	3.839	N/A		0.9	0.956	0.986	1.036	1.05	1.1	0.44	0.44	0.00	0.00	-0.44	-0.44

Appendix B - Aggregate Active Management Event Counts

Feeder	On/Off Event Count	On/Off Event Average Duration	Power Factor Management Event Count	Power Factor Management Event Average Duration (Mins)
10109	0	0	2	677.015
10203	0	0	11	709.5618182
10205	0	0	3	885.6866667
10504	0	0	5	512.012
10602	0	0	153	815.660719
10705	0	0	207	618.1583816
10801	0	0	957	364.0564786
10805	0	0	1015	482.2245862
10903	0	0	9	385.2533333
11101	0	0	21	767.912381
11102	0	0	75	658.4488
11104	0	0	684	483.878114
11201	0	0	1	1260.87
11401	0	0	4	1327.67
11405	0	0	1	1246.32
11507	0	0	18	341.885
11601	0	0	2	560.66
11801	0	0	4	644.0875
11804	0	0	54	533.4155556
11805	0	0	2	675.515
12006	0	0	1	13.03
12202	0	0	120	475.5914167
12205	0	0	20	581.988
12206	0	0	13	560.4776923
12301	0	0	20	1355.956
12401	0	0	54	609.1812037
12402	0	0	9	297.6488889
12502	0	0	4	569.7775
12505	0	0	23	808.5608696
12601	0	0	1	1215.28
12604	0	0	214	1438.749626
12701	0	0	1150	570.6115333
12705	0	0	2	581.915
12801	0	0	6	478.075
13001	0	0	7	607.7828571
13101	0	0	18	472.2388889
13105	0	0	210	338.2970476
13201	0	0	2	1218.33
13302	0	0	759	545.087556
13501	0	0	346	411.2746821
13503	0	0	858	428.1467657

13606	0	0	44	434.1920455
13701	0	0	4	358.22
13702	0	0	63	432.6042328
13704	0	0	862	402.3948859
13901	0	0	381	273.5067454
13902	0	0	12	478.1391667
13903	0	0	61	295.9140984
13905	0	0	24	1278.84375
14203	0	0	13	640.0269231
14205	0	0	2	684.515
14401	0	0	95	492.8607018
14403	0	0	1602	365.195928
14404	0	0	4	665.89
14601	0	0	7	409.2942857
14702	0	0	68	217.5697059
14705	0	0	12	615.6783333
14801	0	0	322	625.5583851
14802	0	0	273	677.3092674
15001	0	0	2410	428.6525495
15101	0	0	3	823.15
15103	0	0	123	420.9811382
15104	0	0	5	286.766
15202	0	0	5	100.83
15203	0	0	57	445.7389474
15204	0	0	61	395.7767486
15402	0	0	1	1294.42
15404	0	0	8	622.60625
15603	0	0	91	511.4165934
15604	0	0	183	655.8083607
15702	0	0	54	535.2162037
15704	0	0	92	576.076413
15803	0	0	2	578.515
16001	0	0	1	18.03
16004	0	0	7	505.0171429
16006	0	0	9	472.7733333
16101	0	0	214	541.555
16102	0	0	7	649.56
16103	0	0	5	683.378
16201	0	0	3	780.6866667
16202	0	0	4	246.1825
16301	0	0	540	501.54975
16302	0	0	1589	478.8740959
16402	0	0	436	556.0378211
16505	0	0	19	614.8578947
16603	0	0	69	87.5557971
16702	0	0	3	1190.03
16901	0	0	13	948.1

16902	0	0	11	1242.393636
17002	0	0	123	399.4303252
17102	0	0	4	358.33
17401	0	0	15	493.4686667
17501	0	0	40	652.015
17802	0	0	770	429.6140649
17804	0	0	465	431.5529032
17805	0	0	812	556.7165538
17902	0	0	7	596.1685714
18001	0	0	31	385.4209677
20105	0	0	2	669.51
20201	0	0	1	103.03
20401	0	0	225	960.5721111
20403	0	0	1876	426.4678403
20601	0	0	135	445.1293827
20603	0	0	161	499.5644099
20801	0	0	134	393.8219403
21204	0	0	2	612.515
21206	0	0	8	433.1925
21403	0	0	2	624.04
21606	0	0	51	554.492549
21901	0	0	60	329.2526667
22001	0	0	10	579.124
22101	0	0	37	468.9216216
22102	0	0	12	589.315
22601	0	0	9	461.3288889
22805	0	0	8	434.8825
22901	0	0	112	422.0633036
22905	0	0	6	523.515
23001	0	0	17	810.2788235
23102	0	0	2	674.515
23203	0	0	15	852.5546667
23301	0	0	160	347.695375
23401	0	0	447	522.0411521
23402	0	0	20	504.512
23403	0	0	4	880.5825
23901	0	0	271	359.9097601
23902	0	0	5	489.86
24101	0	0	255	500.396902
24102	0	0	14	700.375
24103	0	0	1	1140.03
24104	0	0	12	892.8558333
24105	0	0	336	211.0001488
24501	0	0	13	475.5392308
24701	0	0	3	92.67666667
24702	0	0	24	480.90625
24703	0	0	5	541.338

24801	0	0	11	591.2345455
24901	0	0	131	774.1087023
24902	0	0	209	488.0688995
25402	0	0	251	439.0372908
25501	0	0	41	485.007561
25503	0	0	121	310.1700826
25603	0	0	20	354.961
25801	0	0	101	506.1469307
26001	0	0	195	310.0751795
26002	0	0	7	1167.127143
26401	0	0	873	321.7858877
26402	0	0	295	417.7100339
26603	0	0	346	313.3871243
26703	0	0	3	515.3533333
26704	0	0	1	571.03
26803	0	0	35	642.9437143
27101	0	0	242	544.9817355
27302	0	0	1	1143.02
27502	0	0	759	440.2642161
27504	0	0	17	526.1205882
28403	0	0	729	536.1687174
28602	0	0	13	1291.414615
28604	0	0	993	461.6373716
28702	0	0	19	575.6078947
28704	0	0	154	466.1683117
28805	0	0	339	496.1056637
29401	0	0	1814	496.3336292
29402	0	0	1879	462.2155357
39601	0	0	207	689.6564251
40101	0	0	2904	414.05757
40201	0	0	269	550.0223978
40301	0	0	7	591.3328571
40302	0	0	36	440.6169444
40501	0	0	30	668.7476667
40502	0	0	2155	512.4047711
40504	0	0	27	587.4211111
40505	0	0	384	678.8510091
40602	0	0	718	635.6533612
40603	0	0	452	480.3434181
40702	0	0	38	491.8976316
40802	0	0	7	770.82
40902	0	0	943	466.8144062
41002	0	0	31	518.8312903
41202	0	0	4	740.7575
41205	0	0	2	1182.03
41301	0	0	23	545.2308696
41303	0	0	2	9.53

41304	0	0	17	478.8891176
41305	0	0	1	12
41501	0	0	30	462.0576667
41502	0	0	110	536.5612273
41504	0	0	2	563.135
41601	0	0	301	516.1839424
41602	0	0	287	464.46777
41702	0	0	1	919.03
41801	0	0	1526	454.3209229
41901	0	0	389	470.4770951
41902	0	0	1407	509.6535383
41903	0	0	2	1200.765
42001	0	0	651	401.4982796
42002	0	0	125	543.37564
42102	0	0	22	570.3786364
42201	0	0	1330	480.2617744
42203	0	0	6	465.51
42301	0	0	13	610.9173077
42302	0	0	37	1021.191081
42401	0	0	140	431.811
42501	0	0	29	725.0851724
42503	0	0	138	571.8434783
42601	0	0	213	575.1387089
42701	0	0	2030	460.4153144
42801	0	0	4	679.765
42802	0	0	1453	466.1717947
42902	0	0	1315	434.3396629
42903	0	0	524	585.906479
43001	0	0	1809	282.9314815
43101	0	0	53	375.2271698
43103	0	0	48	532.2997917
43104	0	0	183	403.2501821
43108	0	0	60	441.6955
43201	0	0	479	459.1369311
43202	0	0	1393	389.7615686
43301	0	0	948	459.6368249
43302	0	0	40	450.08175
43304	0	0	2503	478.4697903
43402	0	0	3152	178.1787341
43701	0	0	2	568.09
43705	0	0	3	1141.82
43802	0	0	157	523.3292675
44201	0	0	396	622.8171296
44202	0	0	87	516.081954
44203	0	0	253	500.1687154
44301	0	0	1146	457.9921684
44302	0	0	528	451.8255492

44502	0	0	427	446.1133255
44503	0	0	14	784.6642857
44505	0	0	77	339.2595671
44601	0	0	644	524.5428882
44701	0	0	97	418.4498969
44703	0	0	24	302.9241667
44801	0	0	33	322.9787879
44802	0	0	847	510.6862475
44901	0	0	782	505.4274872
44902	0	0	43	743.4965116
44903	0	0	187	487.9353654
44904	0	0	163	447.5028834
44905	0	0	34	555.2426471
45002	0	0	176	503.0444792
45003	0	0	972	416.3430153
45202	0	0	4	346.5075
45302	0	0	180	445.8338333
45303	0	0	138	566.4742029
45402	0	0	533	597.9452814
45501	0	0	1615	477.004485
45502	0	0	43	671.514186
45601	0	0	66	406.1425758
45602	0	0	346	453.1874566
45702	0	0	501	505.3705589
45801	0	0	13	567.5476923
45802	0	0	801	400.5349688
45901	0	0	739	414.8192309
45902	0	0	1968	363.8602591
46001	0	0	1043	423.4516155
46002	0	0	28	670.6289286
46004	0	0	876	530.99996
46101	0	0	66	591.3193939
46102	0	0	7	469.7957143
46203	0	0	1750	401.13956
46204	0	0	3	476.01
46205	0	0	10	547.643
46206	0	0	555	472.9217267
46301	0	0	211	548.4271564
46302	0	0	750	491.2281467
46501	0	0	129	491.3046899
46502	0	0	5	785.818
46503	0	0	106	500.1850472
46505	0	0	2	570.015
46506	0	0	359	486.3367409
46602	0	0	183	439.2826776
46701	0	0	32	510.2859375
46702	0	0	319	433.7118339

46801	0	0	997	389.8378887
46802	0	0	104	448.9506731
46803	0	0	119	631.1548739
46901	0	0	291	473.9145704
46903	0	0	601	485.6295424
47001	0	0	420	575.6707619
47002	0	0	1	1377.75
47101	0	0	709	524.4352727
47103	0	0	7	533.9928571
47104	0	0	44	1401.833864
47201	0	0	3	366.5433333
47202	0	0	2	714.09
47203	0	0	5	466.838
47401	0	0	2832	429.5152037
47502	0	0	5	708.318
47802	0	0	220	550.5947273
47901	0	0	231	515.3524892
48301	0	0	15	614.7973333
48302	0	0	694	494.3741138
48303	0	0	3	1385.13
48901	0	0	497	588.1658015
48902	0	0	285	579.2015123
49803	0	0	1268	373.4866009
49804	0	0	176	514.4386932
50103	0	0	127	947.3441732
50106	0	0	1	40.03
50107	0	0	10	87.63
50201	0	0	81	653.3508025
50202	0	0	32	512.0740625
50501	0	0	1	1154.75
50502	0	0	2	539.375
50505	0	0	34	639.4438235
50506	0	0	423	599.2286446
50701	0	0	120	507.5461667
51002	0	0	8	615.34
51004	0	0	76	599.1064474
51107	0	0	394	499.4626142
51108	0	0	2	429.785
51201	0	0	58	498.0108621
51204	0	0	2	545.75
51301	0	0	79	690.4640506
51302	0	0	69	883.9985507
51303	0	0	48	723.3644792
51304	0	0	4	357.0075
51305	0	0	19	1220.975789
51306	0	0	105	574.0511905
51401	0	0	32	549.4240625

51402	0	0	4	573.3125
51602	0	0	10	1171.361
51603	0	0	132	544.893952
51604	0	0	378	580.4307672
51702	0	0	4	910.2025
51902	0	0	12	602.6816667
51903	0	0	4	685.1375
51905	0	0	2	645.96
51906	0	0	22	340.7436364
52001	0	0	14	1312.798571
52002	0	0	244	491.3361066
52004	0	0	558	504.481362
52102	0	0	664	505.7271386
52202	0	0	70	668.3062857
52401	0	0	488	442.3337295
52402	0	0	472	471.0788242
52403	0	0	2602	396.7117576
52404	0	0	517	453.2852901
52501	0	0	340	524.8022059
52502	0	0	977	562.5281593
52503	0	0	327	1199.447125
53102	0	0	61	545.9691803
53302	0	0	5	497.812
53501	0	0	1848	550.5782905
53502	0	0	32	543.181875
53601	0	0	594	425.1950505
53802	0	0	27	1005.73537
53803	0	0	37	824.4914414
53901	0	0	722	517.7851777
53902	0	0	164	594.8461585
53903	0	0	1584	454.3368792
54001	0	0	919	502.5455858
54201	0	0	139	586.9202518
54202	0	0	287	574.2314286
54203	0	0	38	901.0489474
54206	0	0	582	559.0313144
54501	0	0	879	472.7171407
54502	0	0	947	449.2962918
54503	0	0	799	463.5663267
54504	0	0	453	534.275596
54505	0	0	1178	465.449219
54601	0	0	215	577.6237364
54701	0	0	1086	364.7667864
55001	0	0	227	521.7933627
55002	0	0	2259	373.3094703
55003	0	0	11	604.5309091
55101	0	0	883	482.3347442

55102	0	0	38	370.4557895
55105	0	0	265	650.1554717
56501	0	0	2234	452.50842
56503	0	0	10	499.48
56504	0	0	1256	499.0684475
56601	0	0	231	1304.333203
56603	0	0	236	392.197839
56604	0	0	8	624.515
56801	0	0	3015	501.1914464
56802	0	0	5325	512.1239149
56803	0	0	416	537.3382212
57001	0	0	2	716.515
57002	0	0	4	1289.96
57004	0	0	14	393.9521429
57006	0	0	1	1309.03
57103	0	0	51	524.5790196
57104	0	0	5	1087.66
57205	0	0	2	1224.92
57304	0	0	646	552.9764396
57306	0	0	16	506.741875
57401	0	0	2017	522.7835548
57402	0	0	25	712.4408
57403	0	0	1320	518.0523093
57404	0	0	98	586.9976531
57501	0	0	10	557.612
57601	0	0	72	628.14
57602	0	0	161	529.8624017
57702	0	0	24	586.9004167
57704	0	0	4	685.315
58001	0	0	2	616.89
58003	0	0	235	811.5954255
58006	0	0	14	547.275
58102	0	0	8	423.22625
58202	0	0	12	473.6333333
58302	0	0	85	570.4137647
58401	0	0	684	584.7120931
58402	0	0	2178	340.5384902
58703	0	0	3	449.5233333
58803	0	0	225	548.7297407
59003	0	0	586	553.1855461
59101	0	0	3925	379.9417126
59102	0	0	230	794.2333478
59202	0	0	521	449.3997409
59301	0	0	316	554.2631646
59302	0	0	518	394.1938996
59402	0	0	537	482.0280012
60101	0	0	1054	476.9207448

60102	0	0	8	1227.51375
60103	0	0	19	545.2226316
60201	0	0	755	484.6254967
60301	0	0	4	285.765
60305	0	0	123	431.841626
60404	0	0	2	683.24
60502	0	0	472	559.0797352
60603	0	0	10	1018.936
60604	0	0	273	498.064652
60605	0	0	50	600.1956
60701	0	0	746	563.1455362
60801	0	0	724	495.7312937
60802	0	0	2	587.015
60803	0	0	1502	448.7346704
60902	0	0	83	513.3361446
61001	0	0	58	449.7887931
61101	0	0	77	450.4753247
61102	0	0	137	579.4165693
61103	0	0	262	662.9490712
61202	0	0	538	279.8287454
61301	0	0	105	495.5526667
61302	0	0	4	743.71
61303	0	0	974	489.1902977
61304	0	0	21	730.5404762
61306	0	0	99	453.2177778
61404	0	0	34	543.0667647
61502	0	0	7	348.7228571
61505	0	0	68	440.2336765
61506	0	0	2	1233.03
61701	0	0	18	436.9005556
61703	0	0	173	696.8742775
61801	0	0	618	586.6636165
61802	0	0	24	911.6816667
62101	0	0	1	1175.9
62102	0	0	17	349.6770588
62104	0	0	6	441.2166667
62105	0	0	44	1022.860909
62601	0	0	2	502.515
62602	0	0	2	716.45
62604	0	0	1537	520.7230145
62605	0	0	31	888.8941935
62607	0	0	188	569.038617
63201	0	0	69	682.6047826
63202	0	0	2	560.74
63203	0	0	158	505.3618987
63305	0	0	338	111.0299704
63401	0	0	447	470.9214318

63403	0	0	239	516.3262343
63501	0	0	69	461.243913
63601	0	0	61	565.7039344
63602	0	0	48	578.84625
63801	0	0	127	590.3476378
63802	0	0	165	710.1514242
63803	0	0	30	597.0556667
63804	0	0	57	591.5291228
64101	0	0	3793	379.3934569
64201	0	0	629	502.482345
64202	0	0	38	486.6913158
64203	0	0	979	292.3624157
64301	0	0	506	463.3586166
64302	0	0	13	658.0184615
64303	0	0	185	513.5946486
64305	0	0	166	211.8253614
64401	0	0	19	965.7592105
64402	0	0	16	447.8625
64403	0	0	9	937
64501	0	0	3	903.6866667
64503	0	0	76	464.6421053
64601	0	0	5	499.81
64605	0	0	2	630.7025
64701	0	0	2	1183.03
64702	0	0	550	493.3257788
64801	0	0	734	721.9190599
64802	0	0	656	489.6092759
64902	0	0	199	435.2344221
64904	0	0	13	1191.140769
65001	0	0	4086	139.4127553
65004	0	0	164	775.15
65201	0	0	10	647.197
65203	0	0	3	461.9866667
65205	0	0	34	336.8697059
65207	0	0	7	407.6085714
65302	0	0	3	1236.28
65303	0	0	6	806.1233333
65401	0	0	41	664.0345122
65402	0	0	84	309.4856746
65502	0	0	16	617.218125
65503	0	0	390	447.9363974
65603	0	0	79	670.3822785
65604	0	0	1167	388.5999672
65701	0	0	63	568.2174735
65702	0	0	34	413.4923529
65703	0	0	9	1240.765556
65801	0	0	3	1319.68

65802	0	0	46	641.7071739
65804	0	0	113	679.590531
65901	0	0	380	615.9025
65902	0	0	459	477.3840523
66202	0	0	2	716.635
66302	0	0	150	849.4436667
66401	0	0	3	945.6866667
66402	0	0	8	652.265
66502	0	0	153	616.4664706
66503	0	0	9	545.4577778
66504	0	0	768	550.7399349
66505	0	0	986	520.5797667
66701	0	0	2	1273.9
66702	0	0	67	513.9265672
66703	0	0	1062	423.5029944
66901	0	0	255	558.2210588
66902	0	0	12	535.1966667
66903	0	0	16	815.5025
67001	0	0	441	542.8690703
67002	0	0	1589	433.5499895
67103	0	0	369	439.2884417
67106	0	0	6	266.145
67201	0	0	281	493.0438078
67203	0	0	435	410.0070805
67204	0	0	933	530.0726902
67303	0	0	22	625.3713636
67401	0	0	350	454.6068
67402	0	0	1792	147.6787667
67501	0	0	183	459.0979417
67502	0	0	2761	442.9960733
67503	0	0	2201	435.2646479
67504	0	0	2	715.95
67601	0	0	19	402.8836842
67602	0	0	294	472.4567857
67603	0	0	79	483.91
67604	0	0	199	1436.997236
67605	0	0	1638	200.2435287
67702	0	0	60	342.8766667
67703	0	0	4	269.99
67803	0	0	11	388.9390909
67804	0	0	20	560.6846667
67901	0	0	145	499.7997931
67904	0	0	31	670.676129

Appendix C - Grid Benefits Achieved in Each Instance of Active Management

Event Start Time	Feeder	Substation Transformer	# Voltage Violations Before DER Management	# Voltage Violations After DER Management	Change in # of Voltage Violations	Avg Voltage Violation Magnitude Before DER Management (Per Unit)	Avg Voltage Violation Magnitude After DER Management (Per Unit)	Change in Avg Voltage Violation	Feeder MVAR Before DER Management	Feeder MVAR After DER Management	# of Capacitors Closed Before DER Management	# of Capacitors Closed After DER Management	# of Capacitors Operated	Total Size of Capacitors Closed Before DER Management (kVAR)	Total Size of Capacitors Closed After DER Management (kVAR)	Total Size of Capacitors Operated (kVAR)
3/22/2023 10:00	45901 AUBU_T1		0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/22/2023 10:00	52503 PROG_T2		0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/22/2023 10:00	12604 MACA_T1		0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/22/2023 10:00	56601 HAMP_T1		0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/22/2023 10:00	56801 BENV_T1		0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/23/2023 10:00	12604 MACA_T1		0	0	0	0	0	0	0.27	0.26	0	0	0	0	0	0
3/23/2023 10:00	45901 AUBU_T1		0	0	0	0	0	0	1.24	1.24	0	0	0	0	0	0
3/23/2023 10:00	52503 PROG_T2		0	0	0	0	0	0	-0.69	-0.68	1	1	0	900	900	0
3/23/2023 14:34	47401 PENS_T1		0	46	46	0	0.2	0.2	0.73	0.78	0	0	0	0	0	0
3/23/2023 15:10	51303 WIND_T1		803	826	23	0.44	0.49	0.05	0	0	0	0	0	0	0	0
3/23/2023 15:19	42802 SELI_T1		0	0	0	0	0	0	-0.87	-0.84	1	1	0	900	900	0
3/23/2023 15:35	60803 BUCK_T1		3	2	-1	0.23	0.2	-0.03	-0.92	-0.95	1	1	0	600	600	0
3/23/2023 15:35	14801 TREI_T2		0	0	0	0	0	0	0.25	0.24	0	0	0	0	0	0
3/23/2023 15:40	59101 WALK_T2		0	0	0	0	0	0	1.54	1.67	0	0	0	0	0	0
3/23/2023 15:51	47401 PENS_T1		0	7	7	0	0.13	0.13	0.71	0.71	0	0	0	0	0	0
3/23/2023 15:58	65601 QVIL_T2		1	0	-1	0.1	0	-0.1	0	0	0	0	0	0	0	0
3/23/2023 15:58	57601 RUTH_T2		0	0	0	0	0	0	-0.81	-0.79	0	0	0	0	0	0
3/23/2023 16:52	51305 WIND_T1		47	68	21	0.11	0.14	0.03	0.2	0.22	0	0	0	0	0	0
3/23/2023 17:22	67605 WARW_T1		0	0	0	0	0	0	-0.68	-0.65	0	0	0	0	0	0
3/23/2023 20:25	47401 PENS_T1		0	0	0	0	0	0	0.65	0.67	0	0	0	0	0	0
3/23/2023 20:26	43402 BENT_T1		0	0	0	0	0	0	-0.94	-0.93	1	1	0	900	900	0
3/23/2023 20:44	41801 GOCI_T2		1	15	14	0.2	0.13	-0.07	0	0	0	0	0	0	0	0
3/23/2023 22:57	47401 PENS_T1		1	0	-1	0.1	0	-0.1	0.56	0.52	0	0	0	0	0	0
3/23/2023 23:25	67605 WARW_T1		0	0	0	0	0	0	-0.85	-0.88	0	0	0	0	0	0
3/24/2023 0:16	43402 BENT_T1		0	0	0	0	0	0	-0.95	-0.95	1	1	0	900	900	0
3/24/2023 0:19	42802 SELI_T1		1	1	0	0.5	0.8	0.3	-0.14	-0.13	0	0	0	0	0	0
3/24/2023 0:28	57602 RUTH_T2		2	2	0	0.1	0.3	0.2	0	0	0	0	0	0	0	0
3/24/2023 0:28	42802 SELI_T1		1	1	0	0.5	0.8	0.3	-0.14	-0.13	0	0	0	0	0	0
3/24/2023 0:28	43402 BENT_T1		0	0	0	0	0	0	-0.95	-0.97	1	1	0	900	900	0
3/24/2023 0:28	67605 WARW_T1		1	7	6	0.1	0.14	0.04	-0.93	-0.9	0	0	0	0	0	0
3/24/2023 0:28	65604 QVIL_T2		0	0	0	0	0	0	0.14	0.14	0	0	0	0	0	0
3/24/2023 0:28	47401 PENS_T1		0	0	0	0	0	0	0.88	0.9	0	0	0	0	0	0
3/24/2023 0:36	60801 BUCK_T1		176	186	10	0.49	0.6	0.11	0	0	0	0	0	0	0	0
3/24/2023 0:40	59101 WALK_T2		0	0	0	0	0	0	0.99	0.94	0	0	0	0	0	0
3/24/2023 0:41	14801 TREI_T2		0	0	0	0	0	0	0.19	0.19	0	0	0	0	0	0
3/24/2023 0:44	60801 BUCK_T1		176	186	10	0.49	0.6	0.11	0	0	0	0	0	0	0	0
3/24/2023 0:45	14801 TREI_T2		0	0	0	0	0	0	0.19	0.19	0	0	0	0	0	0
3/24/2023 0:47	59101 WALK_T2		0	0	0	0	0	0	0.99	0.94	0	0	0	0	0	0
3/24/2023 1:00	47401 PENS_T1		0	0	0	0	0	0	0.53	0.43	0	0	0	0	0	0
3/24/2023 1:05	67605 WARW_T1		11	12	1	0.34	0.25	-0.09	-0.94	-0.92	0	0	0	0	0	0
3/24/2023 1:07	47401 PENS_T1		0	0	0	0	0	0	0.43	0.45	0	0	0	0	0	0
3/24/2023 1:16	60803 BUCK_T1		0	0	0	0	0	0	-1.2	-1.17	1	1	0	600	600	0
3/24/2023 2:00	47401 PENS_T1		0	0	0	0	0	0	0.42	0.36	0	0	0	0	0	0
3/24/2023 3:20	59101 WALK_T2		0	0	0	0	0	0	1	0.99	0	0	0	0	0	0
3/24/2023 3:56	43402 BENT_T1		0	0	0	0	0	0	-0.95	-0.94	1	1	0	900	900	0
3/24/2023 3:57	47401 PENS_T1		0	0	0	0	0	0	0.43	0.4	0	0	0	0	0	0
3/24/2023 4:12	41801 GOCI_T2		0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/24/2023 4:19	42802 SELI_T1		1	1	0	0.5	0.5	0	-0.09	-0.09	0	0	0	0	0	0
3/24/2023 4:21	14801 TREI_T2		0	0	0	0	0	0	0.22	0.19	0	0	0	0	0	0
3/24/2023 9:38	41801 SWIL_T1		2	2	0	2.45	2.65	0.2	0	0	0	0	0	0	0	0
3/24/2023 10:00	64801 MONE_T2		1	1	0	0.9	0.6	-0.3	0.27	0.27	0	0	0	0	0	0
3/24/2023 10:00	42802 SELI_T1		0	0	0	0	0	0	-0.79	-0.78	1	1	0	900	900	0
3/24/2023 10:00	43402 BENT_T1		0	0	0	0	0	0	-0.65	-0.71	1	1	0	900	900	0
3/24/2023 10:00	47401 PENS_T1		0	0	0	0	0	0	1.34	1.34	0	0	0	0	0	0
3/24/2023 10:00	51303 WIND_T1		98	150	52	0.13	0.14	0.01	0	0	0	0	0	0	0	0
3/24/2023 10:00	51301 WIND_T1		11	16	5	0.52	0.4	-0.12	0	0	0	0	0	0	0	0
3/24/2023 10:00	45901 AUBU_T1		0	0	0	0	0	0	1.92	1.84	0	0	0	0	0	0
3/24/2023 10:00	59101 WALK_T2		0	0	0	0	0	0	1.11	1.19	0	0	0	0	0	0
3/24/2023 10:00	60803 BUCK_T1		0	0	0	0	0	0	-0.89	-0.92	1	1	0	600	600	0
3/24/2023 10:00	41801 GOCI_T2		0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/24/2023 10:00	67605 WARW_T1		0	0	0	0	0	0	-0.87	-0.93	0	0	0	0	0	0
3/24/2023 10:00	56601 HAMP_T1		0	0	0	0	0	0	-0.18	-0.21	0	0	0	0	0	0
3/24/2023 10:00	12604 MACA_T1		0	0	0	0	0	0	0.28	0.32	0	0	0	0	0	0
3/24/2023 10:00	65604 QVIL_T2		0	0	0	0	0	0	0.28	0.31	0	0	0	0	0	0
3/24/2023 10:00	52503 PROG_T2		0	0	0	0	0	0	-0.64	-0.63	1	1	0	900	900	0
3/24/2023 10:14	47401 PENS_T1		0	0	0	0	0	0	0.67	0.67	0	0	0	0	0	0
3/24/2023 10:26	42701 AUGU_T1		1	1	0	1	1.3	0.3	0	0	2	2	0	1800	1800	0
3/24/2023 10:28	57601 RUTH_T2		0	0	0	0	0	0	-0.51	-0.52	0	0	0	0	0	0
3/24/2023 11:31	47403 PENS_T1		4	4	0	0.98	0.55	-0.43	0	0	0	0	0	0	0	0
3/24/2023 11:52	41801 GOCI_T2		0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/24/2023 11:55	53501 EVIL_T2		5	7	2	0.4	0.5	0.1	-0.61	-0.68	1	1	0	600	600	0
3/24/2023 12:04	42802 SELI_T1		1	1	0	0.5	0.9	0.4	-0.81	-0.81	1	1	0	900	900	0
3/24/2023 12:37	53501 EVIL_T2		9	5	-4	0.54	0.36	-0.18	-0.56	-0.45	1	1	0	600	600	0
3/24/2023 12:55	64101 REFR_T1		0	0	0	0	0	0	-0.19	-0.16	0	0	0	0	0	0
3/24/2023 14:11	46301 ROHR_T1		2	3	1	0.1	0.37	0.27	0	0	0	0	0	0	0	0
3/24/2023 14:12	43402 BENT_T1		7	52	45	0.4	0.21	-0.19	-0.77	-0.77	1	1	0	900	900	0
3/24/2023 14:55	45901 AUBU_T1		0	0	0	0	0	0	1.46	1.46	0	0	0	0	0	0
3/24/2023 15:03	50105 HARR_T3		6	6	0	5.33	5.48	0.15	0	0	0	0	0	0	0	0
3/24/2023 15:12	14801 TREI_T2		37	76	39	0.16	0.26	0.1	0.22	0.21	0	0	0	0	0	0
3/24/2023 15:24	66703 STRA_T1		0	0	0	0	0	0	-0.113	-0.117	0	0	0	0	0	0
3/24/2023 16:20	64802 MONE_T2		0	0	0	0	0	0	-0.09	-0.08	0	0	0	0	0	0
3/24/2023 16:21	46004 BERW_T2		0	0	0	0	0	0	-1.83	-1.87	0	0	0	0	0	0
3/24/2023 16:22	40901 JESH_T1		0	1	1	0	0	0	0	0	0	0	0	0	0	0
3/24/2023 16:23	39601 LNFD_T1		0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/24/2023 16:24	60803 BUCK_T1		0	0	1	0	0	0	-0.93	-0.96	1	1	0	600	600	0
3/24/2023 16:24	47401 PENS_T1		0	0	0	0	0	0	0.6	0.6	0	0	0	0	0	0
3/24/2023 16:46	44901 SCOT_T2		70	78	8	0.31	0.3	-0.01	0.18	0.23	0	0	0	0	0	0
3/24/2023 17:58	46302 ROHR_T1		3	3	0	1.7	1.33	-0.37	0.14	0.14	0	0	0	0	0	0
3/24/2023 19:24	43201 MVIL_T2		0	0	0	0	0	0	-0.38	-0.39	0	0	0	0	0	0
3/24/2023 23:16	41802 GOCI_T2		2	0	-2	0.1	0	-0.1	0	0	0	0	0	0	0	0
3/25/2023 0:28	64802 MONE_T2		0	0	0	0	0	0	0.16	0.13	0	0	0	0	0	0
3/25/2023 0:28	40902 JESH_T1		1	1	0	0	0	0	-1.08	-1.11	1	2	1	600	1200	600
3/25/2023 0:28	53501 EVIL_T2		13	14	1	0.29	0.38	0.09	-1.47	-1.49	0	0	0	0	0	0
3/25/2023 0:28	14801 TREI_T2		0	0	0	0	0	0	0.24	0.23	0	0	0	0	0	0
3/25/2023 0:28	64101 REFR_T1		0	0	0	0	0	0	-0.01	-0.01	0	0	0	0	0	0
3/25/2023 0:28	44901 SCOT_T2		0	0	0	0	0	0	0.07	0.1	0	0	0	0	0	0
3/25/2023 0:28	47401 PENS_T1		0	0	0	0	0	0	0.46	0.43	0	0	0	0	0	0
3/25/2023 0:28	43402 BENT_T1		0	0	0	0	0	0	-0.95	-0.95	1	1	0	900	900	0
3/25/2023 0:28	45901 AUBU_T1		0	0	0	0	0	0	0.94	0.98	0	0	0	0	0	0
3/25/2023 0:28	42701 AUGU_T1		0	0	0	0	0	0	0	0	1	1	0	600	600	0
3/25/2023 0:28	66703 STRA_T1		0	0	0	0	0	0	-0.48	-0.53	0	0	0	0	0	0
3/25/2023 0:34	47401 PENS_T1		0	0	0	0	0	0	0.43	0.46	0	0	0	0	0	0
3/25/2023 0:34	60803 BUCK_T1		0	0	0	0	0	0	-1.03	-1.09	1	1	0	600	600	0
3/25/2023 1:27	46302 ROHR_T1		3	3	0	1.17	0.97	-0.2	0.16	0.16	0	0	0	0	0	0
3/25/2023 3:24	42802 SELI_T1		1	1	0	0.3	0.4	0.1	-0.09	-0.11	0	0	0	0	0	0
3/25/2023 10:00	43201 MVIL_T2		0	0	0	0	0	0	-0.34	-0.35	0	0	0	0	0	0
3/25/2023 10:00	47401 PENS_T1		0	0	0	0	0	0	1.86	1.86	0	0	0	0	0	0
3/25/2023 10:00	43402 BENT_T1		0	0	0	0	0	0	-0.92	-0.92	1	1	0	900	900	0
3/25/2023 10:00	64801 MONE_T2		0	0	0	0	0	0	0.32	0.33	0	0	0	0	0	0
3/25/2023 10:00	50201 HARR_T3		1	1	0	1	1.1	0.1	0	0	0	0	0	0	0	0
3/25/2023 10:00	40902 JESH_T1		1	1	0	0	0	0	-1.08	-1.04	2	2	0	1200	1200	0
3/25/2023 10:00	41801 GOCI_T2		0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/25/2023 10:00	12604 MACA_T1		0	0	0	0	0	0	0.38	0.35	0	0	0	0	0	0
3/25/2023 10:00	14801 TREI_T2		0	0	0	0	0	0	0.43	0.46	0	0	0	0	0	0
3/25/2023 10:00	52503 PROG_T2		0	0	0	0	0	0	-0.62	-0.58	1	1	0	900	900	0
3/25/2023 10:00	60801 BUCK_T1		10	31	21	0.2	0.24	0.04	0	0	0	0	0	0	0	0
3/25/2023 10:00	46302 ROHR_T1		0	3	3	0	0.73	0.73	0.24	0.22	0	0	0	0	0	0
3/25/2023 10:00	64801 MONE_T2		0	0	0	0	0	0	0.32	0.33	0	0	0	0	0	0
3/25/2023 10:00	42802 SELI_T1		0	0	0	0	0	0	-0.91	-0.89	1	1	0	900	900	0
3/25/2023 10:00	65604 QVIL_T2		0	0	0	0	0	0	0.35	0.36	0	0	0	0	0	0
3/25/2023 10:00	46004 BERW_T2		0	2	2	0	0.3	0.3	-1.98	-2.01	0	0	0	0	0	0
3/25/2023 10:00	59101 WALK_T2		0	0	0	0	0	0	1.15	1.17	0	0	0	0	0	0
3/25/2023 10:00	44901 SCOT_T2		0	0	0	0	0	0	-0.17	-0.16	0	0	0	0	0	0
3/25/2023 10:00	45901 AUBU_T1		0	0	0	0	0	0	0.97	0.94	0	0	0	0	0	0
3/25/2023 10:00	42701 AUGU_T1		0	0	0	0	0	0	0	0	2	2	0	1800	1800	0
3/25/2023 10:00	53501 EVIL_T2		0	0	0	0	0	0	-1.31	-1.27	0	0	0	0	0	0
3/25/2023 10:00	66703 STRA_T1		0	0	0	0	0	0	-0.14	-0.13	0	0	0	0	0	0
3/25/2023 10:00	39601 LNFD_T1		0	4	4	0	0	0	0	0	0	0	0	0	0	0
3/25/2023 11:30	42301 MOWR_T2		0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/25/2023 11:31	53501 EVIL_T2		0	1	1	0	0.2	0.2	-0.61	-0.49	0	0	0	0	0	0
3/25/2023 11:41	53501 EVIL_T2		0	1	1	0	0.2	0.2	-0.49	-0.58	0	0	0	0	0	0
3/25/2023 12:21	42802 SELI_T1		0	0	0	0	0	0	-0.92	-0.96	1	1	0	900	900	0
3/25/2023 12:38	44901 SCOT_T2		0	0	0	0	0	0	-0.11	-0.23	0	0	0	0	0	0
3/25/2023 12:38	42802 SELI_T1		0	0	0	0	0	0	-0.96	-0.95	1	1	0	900	900	0
3/25/2023 12:47	45902 AUBU_T1		0	0	0	0	0	0	-1.01	-1.03	1	1	0	600	600	0
3/25/2023 12:47	44901 SCOT_T2		0	0	0	0	0	0	-0.11	-0.23	0	0	0	0	0	0
3/25/2023 12:50	42301 MOWR_T2		0	0	0	0	0	0	-0.91	-0.91	0	0	0	0	0	0
3/25/2023 12:54	42301 MOWR_T2		0	0	0	0	0	0	-0.91	-0.91	0	0	0	0	0	0
3/25/2023 12:58	64101 REFR_T1		0	0	0	0	0	0	-0.05	-0.07	0	0	0	0	0	0
3/25/2023 12:59	64101 REFR_T1		0	0	0	0	0	0	-0.05	-0.07	0	0	0	0	0	0
3/25/2023 13:28	42701 AUGU_T1		1	1	0	0.6	0.7	0.1	0	0	2	2	0	1800	1800	0
3/25/2023 13:41	42701 AUGU_T1		1	1	0	0.6	0.9	0.3	0	0	2	2	0	1800	1800	0
3/25/2023 14:15	24102 EHAZ_T1		18	14	-4	1.48	2.45	0.97	0	0	0	0	0	0	0	0
3/25/2023 14:18	44902 SCOT_T2		0	22	22	0	0.11	0.11	0	0	0	0	0	0	0	0
3/25/2023 14:19	17501 FACT_T1		0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/25/2023 14:21	42802 SELI_T1		0	0	0	0	0	0	-0.96	-0.96	1	1	0	900	900	0
3/25/2023 14:23	59101 WALK_T2		0	0	0	0	0	0	1.17	1.18	0	0	0	0	0	0
3/25/2023 14:24	43801 SWIL_T1		2	2	0	3.15	3.15	0	0	0	0	0	0	0	0	0
3/25/2023 14:25	29402 BELT_T1		24	68	44	0.33	0.42	0.09	0	0	0	0	0	0	0	0
3/25/2023 14:26	43401 BENT_T1		1	1	0	0.3	0	-0.3	0	0	0	0	0	0	0	0
3/25/2023 14:27	67503 WEWI_T2		0	0	0	0	0	0	-0.32	-0.34	0	0	0	0	0	0
3/25/2023 14:28	46206 DANV_T2		0	0	0	0	0	0	0.23	0.21	1	1	0	1200	1200	0
3/25/2023 14:28	60801 BUCK_T1		10	19	9	0.16	0.2	0.04	0	0	0	0	0	0	0	0
3/25/2023 14:28	42701 AUGU_T1		1	1	0	0.7	0.2	-0.5	0	0	2	2	0	1800	1800	0
3/25/2023 14:29	44902 SCOT_T2		0	22	22	0	0.11	0.11	-0.89	-0.92	0	0	0	0	0	0
3/25/2023 14:31	53501 EVIL_T2		0	0	0	0	0	0	-0.62	-0.64	0	0	0	0	0	0
3/25/2023 16:04	64101 REFR_T1		0	1	1	0	0	0	-0.15	-0.12	0	0	0	0	0	0
3/25/2023 16:24	46302 ROHR_T1		3	3	0	0.7	0.7	0	0.21	0.21	0	0	0	0	0	0
3/25/2023 16:31	48902 FOSP_T2		0	0	0	0	0	0	-0.16	-0.18	0	0	0	0	0	0
3/25/2023 16:32	57601 RUTH_T2		0	0	0	0	0	0	-0.67	-0.67	0	0	0	0	0	0
3/25/2023 17:18	64101 REFR_T1		0	0	0	0	0	0	-0.15	-0.12	0	0	0	0	0	0
3/25/2023 17:47	44904 SCOT_T1		0	0	0	0	0	0	-0.12	-0.1	0	0	0	0	0	0
3/25/2023 17:51	42301 MOWR_T2		0	0	0	0	0	0	-0.86	-0.85	0	0	0	0	0	0
3/25/2023 19:10	42301 MOWR_T2		0	0	0	0	0	0	-0.84	-0.84	0	0	0	0	0	0
3/25/2023 20:35	53501 EVIL_T2		1	1	0	0.4	0.5	0.1	-0.77	-0.79	0	0	0	0	0	0
3/25/2023 21:36	43402 BENT_T1		0	0	0	0	0	0	-0.94	-0.92	1	1	0	900	900	0
3/25/2023 21:39	56801 BENV_T1		39	31	-8	1.03	0.59	-0.44	-0.14	-0.16	1	0	-1	600	0	-600
3/25/2023 21:41	42802 SELI_T1		0	0	0	0	0	0	-1.03	-1	1	1	0	900	900	0
3/25/2023 21:44	10801 CHHI_T1		0	0	0	0	0	0	-0.53	-0.51	1	1	0	600	600	0
3/25/2023 21:50	44901 SCOT_T2		32	149	117	0.21	0.23	0.02	-0.35	-0.37	0	0	0	0	0	0
3/25/2023 21:51	43802 SWIL_T1		0	0	0	0	0	0	-0.31	-0.31	1	1	0	600	600	0
3/25/2023 21:57	45901 AUBU_T1		0	1	1	0	0.1	0.1	0	0	0	0	0	0	0	0
3/25/2023 22:03	46302 ROHR_T1		3	3	0	0.9	0.8	-0.1	0.19	0.18	0	0	0	0	0	0
3/25/2023 22:03	59101 WALK_T2		0	0	0	0	0	0	0.87	0.79	0	0	0	0	0	0
3/25/2023 22:03	29402 BELT_T1		39	85	46	0.27	0.61	0.34	0	0	0	0	0	0	0	0
3/25/2023 22:03

Appendix C - Grid Benefits Achieved in Each Instance of Active Management

3/26/2023 11:39	45902 AUBU_T1	0	1	1	0	0.1	0.1	-0.36	-0.37	0	0	0	0	0	0
3/26/2023 11:41	41801 GOCI_T2	314	320	6	0.79	0.82	0.03	0	0	0	0	0	0	0	0
3/26/2023 11:45	48901 FOSP_T2	1	1	0	0.5	0.4	-0.1	0	0	0	0	0	0	0	0
3/26/2023 12:22	48901 FOSP_T2	1	1	0	0.3	0.4	0.1	0	0	0	0	0	0	0	0
3/26/2023 12:23	65604 QVIL_T2	0	0	0	0	0	0	0.28	0.29	0	0	0	0	0	0
3/26/2023 12:43	47403 PENS_T1	3	3	0	0.53	0.6	0.07	0	0	0	0	0	0	0	0
3/26/2023 12:50	47403 PENS_T1	3	2	-1	0.6	0.6	0	0	0	0	0	0	0	0	0
3/26/2023 12:56	44902 SCOT_T2	492	564	72	0.32	0.35	0.03	-0.9	-0.89	0	0	0	0	0	0
3/26/2023 12:57	64101 REFR_T1	2	3	1	0.45	0.53	0.08	0.04	0.04	0	0	0	0	0	0
3/26/2023 12:59	65601 QVIL_T2	6	6	0	0.38	0.55	0.17	0	0	0	0	0	0	0	0
3/26/2023 13:00	67605 WARW_T1	7	13	6	0.57	0.47	-0.1	-1.01	-1	0	0	0	0	0	0
3/26/2023 13:01	40504 CRES_T1	2	2	0	0.2	0.35	0.15	0	0	0	0	0	0	0	0
3/26/2023 13:03	47401 PENS_T1	4	1	-3	0.63	0.7	0.07	0.97	0.89	0	0	0	0	0	0
3/26/2023 13:04	44902 SCOT_T2	504	545	41	0.33	0.34	0.01	-0.89	-0.95	0	0	0	0	0	0
3/26/2023 13:12	46004 BERW_T2	0	0	0	0	0	0	-2.01	-2.08	0	0	0	0	0	0
3/26/2023 13:13	64101 REFR_T1	2	3	1	0.5	0.63	0.13	0.04	0.03	0	0	0	0	0	0
3/26/2023 13:14	40902 JESH_T1	1	1	0	0	0	0	-1.02	-1.05	2	2	0	1200	1200	0
3/26/2023 13:14	45902 AUBU_T1	2	4	2	0.2	0.2	0	0	0	1	0	0	0	0	0
3/26/2023 13:16	44902 SCOT_T2	541	429	-112	0.34	0.24	-0.1	-0.89	-0.95	0	0	0	0	0	0
3/26/2023 13:19	65603 QVIL_T2	2	2	0	0.25	0.2	-0.05	0	0	0	0	0	0	0	0
3/26/2023 13:20	44901 SCOT_T2	61	24	-37	0.24	0.24	0	-0.29	-0.25	0	0	0	0	0	0
3/26/2023 13:22	45902 AUBU_T1	4	4	0	0.2	0.2	0	-0.48	-0.47	0	0	0	0	0	0
3/26/2023 13:23	64101 REFR_T1	3	3	0	0.53	0.7	0.17	0.03	0.03	0	0	0	0	0	0
3/26/2023 13:25	46206 DANV_T2	0	0	0	0	0	0	0.34	0.34	1	1	0	1200	1200	0
3/26/2023 13:27	60801 BUCK_T1	101	140	39	0.47	0.53	0.06	0	0	0	0	0	0	0	0
3/26/2023 13:29	61304 EARL_T1	4	5	1	0.4	0.5	0.1	0	0	0	0	0	0	0	0
3/26/2023 13:32	42701 AUGU_T1	1	3	2	0.9	0.37	-0.53	0	0	2	2	0	1800	1800	0
3/26/2023 13:39	67503 WEWI_T2	0	1	1	0	0.5	0.5	-0.43	-0.44	0	0	0	0	0	0
3/26/2023 13:55	48902 FOSP_T2	1	1	0	0.5	0.5	0	-0.19	-0.18	0	0	0	0	0	0
3/26/2023 13:56	65602 QVIL_T2	43	51	8	0.28	0.34	0.06	0	0	0	0	0	0	0	0
3/26/2023 14:17	20801 LOPO_T1	0	0	0	0	0	0	0.1	0.1	0	0	0	0	0	0
3/26/2023 14:22	67503 WEWI_T2	0	2	2	0	0.3	0.3	0	0	0	0	0	0	0	0
3/26/2023 14:33	67502 WEWI_T2	8	14	6	0.68	0.48	-0.2	-0.49	-0.53	0	0	0	0	0	0
3/26/2023 14:36	20801 LOPO_T1	0	0	0	0	0	0	0.09	0.09	0	0	0	0	0	0
3/26/2023 14:57	64101 REFR_T1	3	2	-1	0.5	0.75	0.25	0.03	0.04	0	0	0	0	0	0
3/26/2023 15:37	20801 LOPO_T1	0	0	0	0	0	0	0.09	0.08	0	0	0	0	0	0
3/26/2023 16:07	16901 MECK_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/26/2023 16:15	53501 EVIL_T2	12	15	3	1.26	1.09	-0.17	-0.86	-0.87	0	0	0	0	0	0
3/26/2023 16:42	67502 WEWI_T2	2	1	-1	0.7	0.5	-0.2	-0.5	-0.51	0	0	0	0	0	0
3/26/2023 17:40	46302 ROHR_T1	3	3	0	1.13	1.17	0.04	0.14	0.1	0	0	0	0	0	0
3/26/2023 17:49	56801 BENV_T1	21	22	1	0.55	0.4	-0.15	-0.21	-0.21	0	0	0	0	0	0
3/26/2023 20:25	67502 WEWI_T2	0	0	0	0	0	0	-1.5	-1.51	1	1	0	900	900	0
3/26/2023 20:36	20801 LOPO_T1	0	0	0	0	0	0	0.13	0.12	0	0	0	0	0	0
3/26/2023 21:06	65602 QVIL_T2	2	2	0	0.1	0.15	0.05	0	0	0	0	0	0	0	0
3/26/2023 23:26	41801 GOCI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/26/2023 23:26	45902 AUBU_T1	0	0	0	0	0	0	-0.17	-0.2	0	0	0	0	0	0
3/26/2023 23:50	56801 BENV_T1	39	40	1	1.01	1.06	0.05	-0.22	-0.23	0	0	0	0	0	0
3/27/2023 0:28	41902 REED_T1	0	0	0	0	0	0	0.71	0.77	0	0	0	0	0	0
3/27/2023 0:28	56801 BENV_T1	34	30	-4	0.91	0.9	-0.01	-0.25	-0.25	0	0	0	0	0	0
3/27/2023 0:28	65603 QVIL_T2	0	0	0	0	0	0	-0.77	-0.79	0	0	0	0	0	0
3/27/2023 0:28	60801 BUCK_T1	31	19	-12	0.21	0.16	-0.05	0	0	0	0	0	0	0	0
3/27/2023 0:28	45902 AUBU_T1	0	0	0	0	0	0	-0.3	-0.29	0	0	0	0	0	0
3/27/2023 0:28	67502 WEWI_T2	0	0	0	0	0	0	-1.65	-1.64	1	1	0	900	900	0
3/27/2023 0:28	42701 AUGU_T1	1	1	0	1.5	1.6	0.1	0	0	2	2	0	1800	1800	0
3/27/2023 0:28	41801 GOCI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/27/2023 0:41	47401 PENS_T1	0	0	0	0	0	0	0.41	0.4	0	0	0	0	0	0
3/27/2023 0:46	44904 SCOT_T1	0	0	0	0	0	0	0.46	0.47	0	0	0	0	0	0
3/27/2023 0:52	47401 PENS_T1	0	0	0	0	0	0	0.4	0.43	0	0	0	0	0	0
3/27/2023 0:55	44902 SCOT_T2	0	0	0	0	0	0	-1.02	-1.03	0	0	0	0	0	0
3/27/2023 0:58	64101 REFR_T1	0	0	0	0	0	0	-0.01	-0.01	0	0	0	0	0	0
3/27/2023 1:06	67605 WARW_T1	10	13	3	0.34	0.42	0.08	-1.17	-1.14	0	0	0	0	0	0
3/27/2023 1:07	44903 SCOT_T2	0	0	0	0	0	0	-1.03	-1.03	0	0	0	0	0	0
3/27/2023 1:09	67605 WARW_T1	10	13	3	0.34	0.42	0.08	-1.17	-1.14	0	0	0	0	0	0
3/27/2023 1:14	40505 CRES_T1	0	0	0	0	0	0	0.32	0.31	0	0	0	0	0	0
3/27/2023 1:16	46302 ROHR_T1	3	3	0	1.67	1.03	-0.64	0.15	0.15	0	0	0	0	0	0
3/27/2023 1:16	64101 REFR_T1	0	0	0	0	0	0	-0.01	-0.01	0	0	0	0	0	0
3/27/2023 1:25	45902 AUBU_T1	0	0	0	0	0	0	-0.33	-0.31	0	0	0	0	0	0
3/27/2023 1:26	41801 GOCI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/27/2023 1:30	40505 CRES_T1	0	0	0	0	0	0	0.31	0.33	0	0	0	0	0	0
3/27/2023 1:33	40902 JESH_T1	1	0	-1	0	0	0	-0.5	-0.47	1	1	0	600	600	0
3/27/2023 1:38	45902 AUBU_T1	0	0	0	0	0	0	-0.31	-0.18	0	0	0	0	0	0
3/27/2023 1:44	61301 EARL_T1	0	0	0	0	0	0	-0.55	-0.54	1	1	0	900	900	0
3/27/2023 1:46	61301 EARL_T1	0	0	0	0	0	0	-0.55	-0.54	1	1	0	900	900	0
3/27/2023 1:49	67503 WEWI_T2	0	0	0	0	0	0	-0.5	-0.47	0	0	0	0	0	0
3/27/2023 1:50	40902 JESH_T1	1	1	0	0	0	0	-0.47	-0.42	1	1	0	600	600	0
3/27/2023 1:52	48902 FOSP_T2	0	0	0	0	0	0	-0.34	-0.22	0	0	0	0	0	0
3/27/2023 1:54	40505 CRES_T1	0	0	0	0	0	0	0.32	0.34	0	0	0	0	0	0
3/27/2023 1:59	44901 SCOT_T2	0	0	0	0	0	0	-0.31	-0.34	0	0	0	0	0	0
3/27/2023 2:02	64101 REFR_T1	0	0	0	0	0	0	-0.01	-0.01	0	0	0	0	0	0
3/27/2023 2:04	46206 DANV_T2	0	0	0	0	0	0	0.33	0.39	1	1	0	1200	1200	0
3/27/2023 2:05	46206 DANV_T2	0	0	0	0	0	0	0.33	0.39	1	1	0	1200	1200	0
3/27/2023 2:09	48902 FOSP_T2	0	0	0	0	0	0	-0.43	-0.48	0	0	0	0	0	0
3/27/2023 2:09	44901 SCOT_T2	0	0	0	0	0	0	-0.34	-0.36	0	0	0	0	0	0
3/27/2023 2:11	48902 FOSP_T2	0	0	0	0	0	0	-0.43	-0.48	0	0	0	0	0	0
3/27/2023 2:12	48902 FOSP_T2	0	0	0	0	0	0	-0.22	-0.24	0	0	0	0	0	0
3/27/2023 2:14	65604 QVIL_T2	0	0	0	0	0	0	0.18	0.16	0	0	0	0	0	0
3/27/2023 2:18	65604 QVIL_T2	0	0	0	0	0	0	0.18	0.16	0	0	0	0	0	0
3/27/2023 2:20	65604 QVIL_T2	0	0	0	0	0	0	0.32	0.36	0	0	0	0	0	0
3/27/2023 2:25	67502 WEWI_T2	0	0	0	0	0	0	-1.57	-1.61	1	1	0	900	900	0
3/27/2023 2:44	61301 EARL_T1	0	0	0	0	0	0	-0.53	-0.54	1	1	0	900	900	0
3/27/2023 2:45	45902 AUBU_T1	0	0	0	0	0	0	-0.22	-0.22	0	0	0	0	0	0
3/27/2023 3:09	48902 FOSP_T2	0	0	0	0	0	0	-0.26	-0.31	0	0	0	0	0	0
3/27/2023 3:18	64101 REFR_T1	0	0	0	0	0	0	-0.01	-0.01	0	0	0	0	0	0
3/27/2023 3:26	67605 WARW_T1	0	4	4	0	0.1	0.1	-1.1	-1.09	0	0	0	0	0	0
3/27/2023 3:29	48902 FOSP_T2	0	0	0	0	0	0	-0.31	-0.23	0	0	0	0	0	0
3/27/2023 4:21	47401 PENS_T1	0	0	0	0	0	0	0.42	0.43	0	0	0	0	0	0
3/27/2023 4:26	45902 AUBU_T1	0	0	0	0	0	0	-0.85	-0.76	1	1	0	600	600	0
3/27/2023 4:32	48902 FOSP_T2	0	0	0	0	0	0	-0.23	-0.29	0	0	0	0	0	0
3/27/2023 4:33	40901 JESH_T1	0	1	1	0	0.1	0.1	0	0	0	0	0	0	0	0
3/27/2023 4:34	65604 QVIL_T2	0	0	0	0	0	0	0.26	0.23	0	0	0	0	0	0
3/27/2023 4:35	44903 SCOT_T2	0	0	0	0	0	0	-0.95	-0.96	0	0	0	0	0	0
3/27/2023 4:38	65604 QVIL_T2	0	0	0	0	0	0	0.26	0.23	0	0	0	0	0	0
3/27/2023 4:39	44901 SCOT_T2	0	0	0	0	0	0	-0.22	-0.23	0	0	0	0	0	0
3/27/2023 4:44	46206 DANV_T2	0	0	0	0	0	0	1.34	1.42	1	1	0	1200	1200	0
3/27/2023 4:50	56801 BENV_T1	2	17	15	0.1	0.25	0.15	-0.15	-0.79	0	1	1	0	600	600
3/27/2023 9:26	40502 CRES_T2	16	21	5	0.23	0.29	0.06	-0.21	-0.24	0	0	0	0	0	0
3/27/2023 10:00	67503 WEWI_T2	1	3	2	0.2	0.23	0.03	-0.37	-0.36	0	0	0	0	0	0
3/27/2023 10:00	59101 WALK_T2	0	0	0	0	0	0	1.87	1.85	0	0	0	0	0	0
3/27/2023 10:00	12605 MACA_T1	1	4	3	0.1	0.28	0.18	0	0	0	0	0	0	0	0
3/27/2023 10:00	45901 AUBU_T1	0	0	0	0	0	0	1.34	1.4	0	0	0	0	0	0
3/27/2023 10:00	40505 CRES_T1	0	0	0	0	0	0	0.44	0.39	0	0	0	0	0	0
3/27/2023 10:00	60801 BUCK_T1	168	89	-79	0.56	0.35	-0.21	0	0	0	0	0	0	0	0
3/27/2023 10:00	42701 AUGU_T1	1	1	0	0.8	1	0.2	0	0	2	2	0	1800	1800	0
3/27/2023 10:00	44904 SCOT_T1	0	0	0	0	0	0	0.62	0.7	0	0	0	0	0	0
3/27/2023 10:00	46203 DANV_T2	3	10	7	0.27	0.7	0.43	0	0	0	0	0	0	0	0
3/27/2023 10:00	44902 SCOT_T2	29	371	342	0.21	0.25	0.04	-0.98	-0.95	0	0	0	0	0	0
3/27/2023 10:00	16901 MECK_T1	0	1	1	0	0.2	0.2	0	0.04	0	0	0	0	0	0
3/27/2023 10:00	40902 JESH_T1	1	1	0	0	0	0	-0.32	-0.37	1	1	0	600	600	0
3/27/2023 10:00	46302 ROHR_T1	4	4	0	0.58	1.05	0.47	0.16	0.16	0	0	0	0	0	0
3/27/2023 10:00	47401 PENS_T1	2	30	28	0.2	0.25	0.05	0.75	0.79	0	0	0	0	0	0
3/27/2023 10:00	48902 FOSP_T2	0	0	0	0	0	0	1.77	1.84	0	0	0	0	0	0
3/27/2023 10:00	56803 BENV_T1	12	85	73	0.55	0.31	-0.24	0	0	0	0	0	0	0	0
3/27/2023 10:00	65604 QVIL_T2	0	0	0	0	0	0	0.84	0.99	0	0	0	0	0	0
3/27/2023 10:00	64801 MONE_T2	1	2	1	0.4	0.7	0.3	0.28	0.22	0	0	0	0	0	0
3/27/2023 10:00	44902 SCOT_T2	29	371	342	0.21	0.25	0.04	-0.98	-0.95	0	0	0	0	0	0
3/27/2023 10:00	40502 CRES_T2	15	16	1	0.18	0.21	0.03	-0.27	-0.28	0	0	0	0	0	0
3/27/2023 10:00	53501 EVIL_T2	2	4	2	0.35	0.28	-0.07	-0.28	-0.28	0	0	0	0	0	0
3/27/2023 10:00	45902 AUBU_T1	0	0	0	0	0	0	-0.47	-0.46	1	1	0	600	600	0
3/27/2023 10:00	20801 LOPO_T1	0	0	0	0	0	0	0.13	0.11	0	0	0	0	0	0
3/27/2023 10:00	10801 CHHI_T1	1	3	2	0.8	0.5	-0.3	0.15	0.21	0	0	0	0	0	0
3/27/2023 10:00	67605 WARW_T1	1	2	1	0.2	0.4	0.2	-0.89	-0.88	0	0	0	0	0	0
3/27/2023 10:00	56601 HAMP_T1	0	0	0	0	0	0	-0.2	-0.19	0	0	0	0	0	0
3/27/2023 10:00	64101 REFR_T1	0	2	2	0	0.45	0.45	-0.33	-0.31	0	0	0	0	0	0
3/27/2023 10:00	41902 REED_T1	0	0	0	0	0	0	0.2	0.21	0	0	0	0	0	0
3/27/2023 10:00	42802 SELI_T1	0	1	1	0	0.3	0.3	-0.79	-0.89	1	1	0	900	900	0
3/27/2023 10:00	67503 WEWI_T2	1	3	2	0.2	0.23	0.03	-0.37	-0.36	0	0	0	0	0	0
3/27/2023 10:00	65603 QVIL_T2	0	0	0	0	0	0	-0.41	-0.42	0	0	0	0	0	0
3/27/2023 10:00	46004 BERW_T2	0	0	0	0	0	0	-1.54	-1.63	0	0	0	0	0	0
3/27/2023 10:00	41801 GOCI_T2	4	37	33	0.38	0.28	-0.1	0	0	0	0	0	0	0	0
3/27/2023 10:00	52503 PROG_T2	0	1	1	0	0.1	0.1	-0.67	-0.69	1	1	0	900	900	0
3/27/2023 11:25	41801 GOCI_T2	139	63	-76	0.3	0.26	-0.04	0	0	0	0	0	0	0	0
3/27/2023 11:43	41801 GOCI_T2	54	89	35	0.26	0.27	0.01	0	0	0	0	0	0	0	0
3/27/2023 12:00	47403 PENS_T1	5	0	-5	0.96	0	-0.96	0	0	0	0	0	0	0	0
3/27/2023 12:07	67503 WEWI_T2	8	0	-8	0.23	0	-0.23	0	0	0	0	0	0	0	0
3/27/2023 12:10	65604 QVIL_T2	0	0	0	0	0	0	0.25	0.23	0	0	0	0	0	0
3/27/2023 12:13	61101 BERK_T5	1	1	0	0.4	0.1	-0.3	0	0	0	0	0	0	0	0
3/27/2023 12:17	65601 QVIL_T2	1	0	-1	0.2	0	-0.2	0	0	0	0	0	0	0	0
3/27/2023 12:19	64801 MONE_T2	1	2	1	1.2	0.75	-0.45	0	0	0	0	0	0	0	0
3/27/2023 12:20	43801 SWIL_T1	2	2	0	2.65	2.65	0	0	0	0	0	0	0	0	0
3/27/2023 12:20	66703 STRA_T1	1	0	-1	0.5	0	-0.5	0	0	0	0	0	0	0	0
3/27/2023 12:22	42701 AUGU_T1	1	1	0	1.3	1.3	0	0	0	2	2	0	1800	1800	0
3/27/2023 12:23	29402 BELT_T1	206	198	-8	1.14	1.38	0.24	0	0	0	0	0	0	0	0
3/27/2023 12:25	47401 PENS_T1	0	0	0	0	0	0	0.79	0.76	0	0	0	0	0	0
3/27/2023 12:26	46206 DANV_T2	0	0	0	0	0	0	1.62	1.67	1	1	0	1200	1200	0
3/27/2023 12:31	17501 FACT_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/27/2023 12:48	59101 WALK_T2	0	0	0	0	0	0	1.83	1.89	0	0	0	0	0	0
3/27/2023 12:58	59101 WALK_T2	0	0	0	0	0	0	1.89	1.41	0	0	0	0	0	0
3/27/2023 13:23	43402 BENT_T1	0	0	0	0	0	0	-0.64	-0.59	1	1	0	900	900	0
3/27/2023 13:30	45902 AUBU_T1	0	0	0	0	0	0	0.08	0.06	0	0	0	0	0	0
3/27/2023 16:45	41801 GOCI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/27/2023 17:54	56503 ROCK_T2	470	636	166	0.5	0.57	0.07	0	0	0	0	0	0	0	0
3/27/2023 18:10	45902 AUBU_T1	0	0	0	0	0	0	-0.48	-0.38	0	0	0	0	0	0
3/27/2023 20:04	56802 BENV_T2	0	0	0	0	0	0	-0.48	-0.35	0	0	0	0	0	0
3/27/2023 20:07	47401 PENS_T1	0	0	0	0	0	0	0.72	0.71	0	0	0	0	0	0
3/27/2023 22:53	41801 GOCI_T2	31	123	92	0.15	0.21	0.06	0	0	0	0	0	0	0	0
3/27/2023 23:45	56503 ROCK_T2	10	154	144	0.12	0.2	0.08	0	0	0	0	0	0	0	0
3/28/2023 0:21	65604 QVIL_T2	0	0	0	0	0	0	0.18	0.2	0	0	0	0	0	0
3/28/2023 0:28	56501 ROCK_T2	8	3	-5	0.49	0.27	-0.22	-0.45	-0.45	0	0	0	0	0	0
3/28/2023 0:28	53901 HAU_T2	1	2	1	0.8	0.75	-0.05	-0.1	-0.12	0	0	0	0	0	0
3/28/2023 0:28	59101 WALK_T2	0	0	0	0	0	0	1.84	1.82	0	0	0	0	0	0
3/28/2023 0:28	43402 BENT_T1	0	0	0	0	0	0	-0.95	-0.95	1	1	0	900	900	0
3/28/2023 0:28	47401 PENS_T1	0	0	0	0	0	0	0.5	0.56	0	0	0	0	0	0
3/28/2023 0:32	65604 QVIL_T2	0	0	0	0	0	0	0.18	0.2	0	0	0	0	0	0
3/28/2023 0:38	47401 PENS_T1	0	0	0	0	0	0	0.56	0.5	0	0	0	0	0	0
3/28/2023 0:58	47401 PENS_T1	0	0	0	0	0	0	0.5	0.52	0	0	0	0	0	0
3/28/2023 1:02	45901 AUBU_T1	0	0	0	0	0	0	1.81	1.82	0	0	0	0	0	0
3/28/2023 1:17	45901 AUBU_T1	0	0	0	0	0	0	1.82	1.83	0	0	0	0	0	0
3/28/2023 1:28	45902 AUBU_T1	0	0	0	0	0	0	-0.95	-0.9	1	1	0	600	600	0
3/28/2023 1:38	64802 MONE_T2	0	0

Appendix C - Grid Benefits Achieved in Each Instance of Active Management

3/28/2023 10:00	42701 AUGU_T1	1	1	0	0.5	1	0.5	0	0	2	2	0	1800	1800	0
3/28/2023 10:00	56501 ROCK_T2	519	449	-70	0.53	0.37	-0.16	-0.37	-0.15	0	0	0	0	0	0
3/28/2023 10:00	56601 HAMP_T1	0	0	0	0	0	0	-0.13	-0.14	0	0	0	0	0	0
3/28/2023 10:00	59102 WALK_T2	0	4	4	0	0.35	0.35	0	0	0	0	0	0	0	0
3/28/2023 10:00	64801 MONE_T2	2	2	0	0.45	0.45	0	0.31	0.24	0	0	0	0	0	0
3/28/2023 10:00	29402 BELT_T1	111	120	9	0.72	1.05	0.33	0	0	0	0	0	0	0	0
3/28/2023 10:00	41801 GOCI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/28/2023 10:00	47403 PENS_T1	1	1	0	0.7	2	1.3	0	0	0	0	0	0	0	0
3/28/2023 10:00	43402 BENT_T1	0	3	3	0	0.45	0.45	-0.7	-0.69	1	1	0	900	900	0
3/28/2023 10:00	12604 MACA_T1	0	0	0	0	0	0	0.35	0.33	0	0	0	0	0	0
3/28/2023 10:00	45901 AUBU_T1	0	0	0	0	0	0	1.9	1.89	0	0	0	0	0	0
3/28/2023 10:00	67502 WEWI_T2	1	1	0	1.2	0.3	-0.9	-0.19	-0.22	0	0	0	0	0	0
3/28/2023 10:00	61103 BERK_T5	0	0	0	0	0	0	-0.01	-0.01	0	0	0	0	0	0
3/28/2023 10:00	17501 FACT_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/28/2023 10:00	42802 SELI_T1	0	0	0	0	0	0	-0.77	-0.8	1	1	0	900	900	0
3/28/2023 10:00	65604 QVIL_T2	0	0	0	0	0	0	0.49	0.49	0	0	0	0	0	0
3/28/2023 10:06	45902 AUBU_T1	0	0	0	0	0	0	-0.46	-0.39	1	1	0	600	600	0
3/28/2023 10:07	41802 SWIL_T1	0	0	0	0	0	0	-1.58	-1.6	1	1	0	600	600	0
3/28/2023 10:09	66703 STRA_T1	5	0	-5	0.18	0	-0.18	-0.06	-0.17	0	0	0	0	0	0
3/28/2023 10:12	59101 WALK_T2	0	0	0	0	0	0	1.34	1.57	0	0	0	0	0	0
3/28/2023 10:13	64802 MONE_T2	0	0	0	0	0	0	0.07	0.08	0	0	0	0	0	0
3/28/2023 10:15	40902 JESH_T1	1	1	0	0	0	0	-1.05	-1.03	2	2	0	1200	1200	0
3/28/2023 10:18	53901 HAU_T2	0	0	0	0	0	0	0	-0.07	0	0	0	0	0	0
3/28/2023 10:19	56802 BENV_T2	1	2	1	0.2	0.25	0.05	-0.69	-0.71	0	0	0	0	0	0
3/28/2023 10:27	46206 DANV_T2	0	0	0	0	0	0	2.31	2.25	1	1	0	1200	1200	0
3/28/2023 10:30	44901 SCOT_T2	0	1	1	0	0.2	0.2	0.08	0.12	0	0	0	0	0	0
3/28/2023 10:38	65604 QVIL_T2	0	0	0	0	0	0	0.47	0.44	0	0	0	0	0	0
3/28/2023 11:08	42701 AUGU_T1	3	3	0	0.5	0.57	0.07	0	0	2	2	0	1800	1800	0
3/28/2023 11:19	53501 EVIL_T2	1	8	7	0.4	0.56	0.16	-0.16	-0.18	0	0	0	0	0	0
3/28/2023 11:25	65601 QVIL_T2	0	1	1	0	0.1	0.1	0	0	0	0	0	0	0	0
3/28/2023 11:28	60803 BUCK_T1	2	5	3	0.8	0.3	-0.5	-0.98	-1.02	1	1	0	600	600	0
3/28/2023 11:29	41801 GOCI_T2	2	13	11	0.35	0.22	-0.13	0	0	0	0	0	0	0	0
3/28/2023 11:38	42802 SELI_T1	0	1	1	0	0.5	0.5	-0.83	-0.81	1	1	0	900	900	0
3/28/2023 11:40	41801 GOCI_T2	1	14	13	0.3	0.21	-0.09	0	0	0	0	0	0	0	0
3/28/2023 11:43	66701 STRA_T1	1	0	-1	0.2	0	-0.2	0	0	0	0	0	0	0	0
3/28/2023 11:47	56501 ROCK_T2	394	561	167	0.34	0.57	0.23	-0.14	-0.14	0	0	0	0	0	0
3/28/2023 11:50	67502 WEWI_T2	1	9	8	0.1	0.39	0.29	-0.25	-0.27	0	0	0	0	0	0
3/28/2023 11:52	40902 JESH_T1	1	1	0	0	0	0	-0.41	-0.32	1	1	0	600	600	0
3/28/2023 11:53	59102 WALK_T2	3	10	7	0.2	0.38	0.18	0	0	0	0	0	0	0	0
3/28/2023 12:16	50103 HARR_T3	2	2	0	0.65	0.6	-0.05	-0.46	-0.45	0	0	0	0	0	0
3/28/2023 12:25	66502 SMAN_T2	0	1	1	0	0.4	0.4	0	0	0	0	0	0	0	0
3/28/2023 12:30	59101 WALK_T2	0	0	0	0	0	0	1.5	1.61	0	0	0	0	0	0
3/28/2023 12:32	53501 EVIL_T2	10	10	0	1.16	0.61	-0.55	-0.37	-0.22	0	0	0	0	0	0
3/28/2023 12:36	64101 REFR_T1	0	4	4	0	0.23	0.23	-0.13	-0.2	0	0	0	0	0	0
3/28/2023 12:44	54501 ENOL_T2	3	2	-1	0.27	0.15	-0.12	0	0	0	0	0	0	0	0
3/28/2023 12:49	43401 BENT_T1	0	1	1	0	0	0	0	0	0	0	0	0	0	0
3/28/2023 12:53	59101 WALK_T2	0	0	0	0	0	0	1.61	0.62	0	0	0	0	0	0
3/28/2023 13:01	59101 WALK_T2	0	0	0	0	0	0	1.61	0.62	0	0	0	0	0	0
3/28/2023 13:03	43401 BENT_T1	0	1	1	0	2.1	2.1	0	0	0	0	0	0	0	0
3/28/2023 13:19	47401 PENS_T1	0	1	1	0	0.3	0.3	0.83	0.89	0	0	0	0	0	0
3/28/2023 13:22	65601 QVIL_T2	1	2	1	0.3	0.4	0.1	0	0	0	0	0	0	0	0
3/28/2023 13:29	43402 BENT_T1	0	0	0	0	0	0	-0.59	-0.61	1	1	0	900	900	0
3/28/2023 13:38	65604 QVIL_T2	0	0	0	0	0	0	0.43	0.45	0	0	0	0	0	0
3/28/2023 13:44	51305 WIND_T1	183	215	32	0.43	0.44	0.01	0.23	0.23	0	0	0	0	0	0
3/28/2023 14:09	41801 GOCI_T2	149	22	-127	0.33	0.22	-0.11	0	0	0	0	0	0	0	0
3/28/2023 15:18	40502 CRES_T2	17	0	-17	0.26	0	-0.26	0.04	0.57	0	0	0	0	0	0
3/28/2023 15:53	59102 WALK_T2	0	3	3	0	0.1	0.1	0	0	0	0	0	0	0	0
3/28/2023 16:04	59101 WALK_T2	0	0	0	0	0	0	1.33	1.2	0	0	0	0	0	0
3/28/2023 16:22	47403 PENS_T1	0	1	1	0	1.8	1.8	0	0	0	0	0	0	0	0
3/28/2023 16:22	65604 QVIL_T2	0	0	0	0	0	0	0.37	0.32	0	0	0	0	0	0
3/28/2023 16:22	42201 SHEN_T2	0	0	0	0	0	0	-0.13	-0.14	1	1	0	600	600	0
3/28/2023 16:40	65604 QVIL_T2	0	0	0	0	0	0	0.32	0.22	0	0	0	0	0	0
3/28/2023 18:38	65604 QVIL_T2	0	0	0	0	0	0	0.23	0.23	0	0	0	0	0	0
3/28/2023 18:42	65604 QVIL_T2	0	0	0	0	0	0	0.23	0.23	0	0	0	0	0	0
3/28/2023 18:53	59101 WALK_T2	0	0	0	0	0	0	1.07	1.18	0	0	0	0	0	0
3/28/2023 19:07	59101 WALK_T2	0	0	0	0	0	0	1.18	1.22	0	0	0	0	0	0
3/28/2023 19:33	47401 PENS_T1	0	0	0	0	0	0	0.76	0.79	0	0	0	0	0	0
3/28/2023 20:10	53501 EVIL_T2	0	1	1	0	0.2	0.2	-0.7	-0.7	0	0	0	0	0	0
3/28/2023 20:13	59101 WALK_T2	0	0	0	0	0	0	1.16	1.03	0	0	0	0	0	0
3/28/2023 20:44	56501 ROCK_T2	295	341	46	0.27	0.31	0.04	-0.14	-0.14	0	0	0	0	0	0
3/28/2023 20:56	56504 ROCK_T2	0	2	2	0	0.15	0.15	0	0	0	0	0	0	0	0
3/28/2023 21:03	65604 QVIL_T2	0	0	0	0	0	0	0.28	0.27	0	0	0	0	0	0
3/28/2023 21:09	43402 BENT_T1	0	0	0	0	0	0	-0.91	-0.93	1	1	0	900	900	0
3/28/2023 21:16	65604 QVIL_T2	0	0	0	0	0	0	0.27	0.26	0	0	0	0	0	0
3/28/2023 21:25	47401 PENS_T1	0	0	0	0	0	0	0.66	0.66	0	0	0	0	0	0
3/28/2023 21:28	66505 SMAN_T2	0	3	3	0	0.37	0.37	0.11	0.14	1	1	0	600	600	0
3/28/2023 21:34	47403 PENS_T1	1	3	2	2.3	2.3	0	0	0	0	0	0	0	0	0
3/28/2023 21:39	66505 SMAN_T2	3	3	0	0.37	0.17	-0.2	0.14	0.14	1	1	0	600	600	0
3/28/2023 21:48	41802 GOCI_T2	2	1	-1	0.15	0.1	-0.05	0	0	0	0	0	0	0	0
3/28/2023 21:52	54502 ENOL_T2	0	0	0	0	0	0	-1.36	-1.35	0	0	0	0	0	0
3/28/2023 21:54	64101 REFR_T1	0	0	0	0	0	0	-0.12	-0.13	0	0	0	0	0	0
3/28/2023 21:58	42802 SELI_T1	0	1	1	0	0.2	0.2	-0.98	-1	1	1	0	900	900	0
3/28/2023 22:00	53501 EVIL_T2	2	2	0	0.55	0.45	-0.1	-0.72	-0.7	0	0	0	0	0	0
3/28/2023 22:01	66703 STRA_T1	2	6	4	0.25	0.4	0.15	-0.39	-0.43	0	0	0	0	0	0
3/28/2023 22:08	60803 BUCK_T1	1	0	-1	0.1	0	-0.1	-1.61	-0.9	1	1	0	600	600	0
3/28/2023 22:11	40902 JESH_T1	1	1	0	0	0	0	-0.42	-0.39	1	1	0	600	600	0
3/28/2023 22:13	59102 WALK_T2	1	0	-1	0.2	0	-0.2	0	0	0	0	0	0	0	0
3/28/2023 22:13	64802 MONE_T2	0	0	0	0	0	0	-0.01	-0.01	0	0	0	0	0	0
3/28/2023 22:21	47401 PENS_T1	0	0	0	0	0	0	0.63	0.6	0	0	0	0	0	0
3/28/2023 22:27	42701 AUGU_T1	0	1	1	0	1.1	1.1	0	0	2	2	0	1800	1800	0
3/28/2023 22:40	65604 QVIL_T2	0	0	0	0	0	0	0.24	0.24	0	0	0	0	0	0
3/28/2023 22:40	29402 BELT_T1	86	108	22	0.46	0.91	0.45	0	0	0	0	0	0	0	0
3/28/2023 22:46	40502 CRES_T2	0	12	12	0	0.23	0.23	0	0	0	0	0	0	0	0
3/28/2023 22:48	67502 WEWI_T2	0	1	1	0	0	0	-0.48	-0.5	0	0	0	0	0	0
3/28/2023 23:29	47401 PENS_T1	0	0	0	0	0	0	0.56	0.59	0	0	0	0	0	0
3/28/2023 23:44	56501 ROCK_T2	280	369	89	0.24	0.25	0.01	-0.4	-0.19	0	0	0	0	0	0
3/29/2023 0:03	65604 QVIL_T2	0	0	0	0	0	0	0.22	0.21	0	0	0	0	0	0
3/29/2023 0:25	47401 PENS_T1	0	0	0	0	0	0	0.56	0.56	0	0	0	0	0	0
3/29/2023 0:28	60803 BUCK_T1	1	0	-1	0.1	0	-0.1	-1.68	-1.68	1	1	0	600	600	0
3/29/2023 0:28	54502 ENOL_T2	0	0	0	0	0	0	-1.39	-1.38	0	0	0	0	0	0
3/29/2023 0:28	64101 REFR_T1	0	0	0	0	0	0	-0.01	-0.01	0	0	0	0	0	0
3/29/2023 0:28	40902 JESH_T1	1	1	0	1	0	0	-0.45	-0.4	1	1	0	600	600	0
3/29/2023 0:28	42701 AUGU_T1	1	1	0	1.4	1.6	0.2	0	0	2	2	0	1800	1800	0
3/29/2023 0:28	29402 BELT_T1	84	101	17	0.62	0.63	0.01	0	0	0	0	0	0	0	0
3/29/2023 0:28	66505 SMAN_T2	3	0	-3	0.53	0	-0.53	0.63	0.54	0	0	0	0	0	0
3/29/2023 0:28	64802 MONE_T2	0	0	0	0	0	0	0.17	0.16	0	0	0	0	0	0
3/29/2023 0:28	67502 WEWI_T2	0	0	0	0	0	0	-1.55	-1.56	1	1	0	900	900	0
3/29/2023 0:28	56501 ROCK_T2	3	2	-1	0.17	0.2	0.03	-0.16	-0.18	0	0	0	0	0	0
3/29/2023 0:28	65604 QVIL_T2	0	0	0	0	0	0	0.44	0.42	0	0	0	0	0	0
3/29/2023 0:28	42802 SELI_T1	0	1	1	0	0.3	0.3	-0.03	-0.06	0	0	0	0	0	0
3/29/2023 0:28	66703 STRA_T1	0	0	0	0	0	0	-0.49	-0.52	0	0	0	0	0	0
3/29/2023 0:28	53501 EVIL_T2	2	4	2	0.25	0.18	-0.07	-0.71	-0.71	0	0	0	0	0	0
3/29/2023 0:28	59101 WALK_T2	0	0	0	0	0	0	0.53	0.5	0	0	0	0	0	0
3/29/2023 0:34	47402 PENS_T1	0	1	1	0	0.3	0.3	0	0	0	0	0	0	0	0
3/29/2023 0:39	66505 SMAN_T2	0	0	0	0	0	0	0.54	0.62	0	0	0	0	0	0
3/29/2023 0:52	54505 ENOL_T2	1	1	0	0.2	0.2	0	0	0	0	0	0	0	0	0
3/29/2023 0:54	64101 REFR_T1	0	0	0	0	0	0	0.03	0.04	0	0	0	0	0	0
3/29/2023 0:58	42802 SELI_T1	1	2	1	0.3	0.3	0	-0.06	-0.06	0	0	0	0	0	0
3/29/2023 1:00	53501 EVIL_T2	2	10	8	0.3	0.29	-0.01	-0.7	-0.63	0	0	0	0	0	0
3/29/2023 1:01	66703 STRA_T1	0	0	0	0	0	0	-0.49	-0.51	0	0	0	0	0	0
3/29/2023 1:01	47402 PENS_T1	0	0	-1	0.2	0	-0.2	0	0	0	0	0	0	0	0
3/29/2023 1:06	54505 ENOL_T2	1	1	0	0.2	0.3	0.1	0	0	0	0	0	0	0	0
3/29/2023 1:06	42802 SELI_T1	1	1	0	0.3	0.5	0.2	-0.06	-0.04	0	0	0	0	0	0
3/29/2023 1:08	60803 BUCK_T1	0	0	0	0	0	0	-1.7	-1.69	1	1	0	600	600	0
3/29/2023 1:11	40902 JESH_T1	1	1	0	0	0	0	-1.05	-1.1	2	2	0	1200	1200	0
3/29/2023 1:12	66703 STRA_T1	0	0	0	0	0	0	-0.51	-0.45	0	0	0	0	0	0
3/29/2023 1:13	64802 MONE_T2	0	0	0	0	0	0	0.16	0.16	0	0	0	0	0	0
3/29/2023 1:13	59101 WALK_T2	0	0	0	0	0	0	0.28	0.31	0	0	0	0	0	0
3/29/2023 1:14	64101 REFR_T1	0	0	0	0	0	0	0.04	0.05	0	0	0	0	0	0
3/29/2023 1:14	60801 BUCK_T1	172	175	3	0.66	0.68	0.02	0	0	0	0	0	0	0	0
3/29/2023 1:15	59101 WALK_T2	0	0	0	0	0	0	0.28	0.31	0	0	0	0	0	0
3/29/2023 1:16	53501 EVIL_T2	4	10	6	0.23	0.35	0.12	-0.63	-0.68	0	0	0	0	0	0
3/29/2023 1:16	64802 MONE_T2	0	0	0	0	0	0	0.16	0.16	0	0	0	0	0	0
3/29/2023 1:19	40902 JESH_T1	1	1	0	0	0	0	-1.1	-1.12	2	2	0	1200	1200	0
3/29/2023 1:27	42701 AUGU_T1	1	1	0	0.5	0.6	0.1	0	0	1	1	0	600	600	0
3/29/2023 1:30	42701 AUGU_T1	1	1	0	0.6	0.7	0.1	0	0	1	1	0	600	600	0
3/29/2023 1:40	29402 BELT_T1	107	105	-2	0.86	0.9	0.04	0	0	0	0	0	0	0	0
3/29/2023 1:40	65604 QVIL_T2	0	0	0	0	0	0	0.23	0.23	0	0	0	0	0	0
3/29/2023 1:43	65604 QVIL_T2	0	0	0	0	0	0	0.23	0.23	0	0	0	0	0	0
3/29/2023 1:48	67502 WEWI_T2	0	0	0	0	0	0	-1.54	-1.55	1	1	0	900	900	0
3/29/2023 1:49	29402 BELT_T1	105	64	-41	0.9	0.26	-0.64	0	0	0	0	0	0	0	0
3/29/2023 1:58	67502 WEWI_T2	0	0	0	0	0	0	-1.55	-1.53	1	1	0	900	900	0
3/29/2023 2:05	47401 PENS_T1	1	1	0	0.1	0.1	0	0.5	0.49	0	0	0	0	0	0
3/29/2023 2:20	65604 QVIL_T2	0	0	0	0	0	0	0.23	0.21	0	0	0	0	0	0
3/29/2023 2:27	42701 AUGU_T1	1	1	0	0.4	0.6	0.2	0	0	1	1	0	600	600	0
3/29/2023 2:29	47402 PENS_T1	0	1	1	0	0.2	0.2	0	0	0	0	0	0	0	0
3/29/2023 2:33	64802 MONE_T2	0	0	0	0	0	0	0.17	0.17	0	0	0	0	0	0
3/29/2023 2:40	53501 EVIL_T2	3	4	1	0.27	0.23	-0.04	-0.7	-0.72	0	0	0	0	0	0
3/29/2023 2:40	29402 BELT_T1	10	1	-9	0.17	0.1	-0.07	0	0	0	0	0	0	0	0
3/29/2023 2:43	65604 QVIL_T2	0	0	0	0	0	0	0.21	0.22	0	0	0	0	0	0
3/29/2023 2:44	56501 ROCK_T2	2	8	6	0.45	0.25	-0.2	-0.27	-0.44	0	0	0	0	0	0
3/29/2023 2:47	67502 WEWI_T2	0	0	0	0	0	0	-1.56	-1.57	1	1	0	900	900	0
3/29/2023 2:48	60803 BUCK_T1	0	0	0	0	0	0	-1.66	-1.64	1	1	0	600	600	0
3/29/2023 2:49	66505 SMAN_T2	3	3	0	0.17	0.33	0.16	0.25	0.28	0	0	0	0	0	0
3/29/2023 2:52	54502 ENOL_T2	1	1	0	0.5	0.4	-0.1	-2.05	-2.04	1	1	0	600	600	0
3/29/2023 2:56	56501 ROCK_T2	5	8	3	0.22	0.25	0.03	-0.44	-0.37	0	0	0	0	0	0
3/29/2023 2:58	42802 SELI_T1	1	1	0	0.5	0.1	-0.4	-0.03	-0.03	0	0	0	0	0	0
3/29/2023 3:01	66703 STRA_T1	0	0	0	0	0	0	-0.5	-0.44	0	0	0	0	0	0
3/29/2023 3:09	47401 PENS_T1	0	0	0	0	0	0	0.53	0.54	0	0	0	0	0	0
3/29/2023 3:11	40901 JESH_T1	0	1	1	0	0	0	0	0	0	0	0	0	0	0
3/29/2023 3:13	59101 WALK_T2	0	0	0	0	0	0	1.04	1.09	0	0	0	0	0	0
3/29/2023 3:44	56501 ROCK_T2	7	5	-2	0.3	0.26	-0.04	-0.4	-0.4	0	0	0	0	0	0
3/29/2023 4:13	64101 REFR_T1	0	0	0	0	0	0	0.07	0.04	0	0	0	0	0	0
3/29/2023 8:37	40502 CRES_T2	4	10	6	0.1	0.16	0.06	-0.27	-0.25	0	0	0	0	0	0
3/29/2023 8:37	49803 UNIV_T1	0	24	24	0	0.12	0.12	-2.04	-2.06	0	0	0	0	0	0
3/29/2023 8:43	24104 EHAZ_T1	17	69	52	0.15	0.22	0.07	0	0	0	0	0	0	0	0
3/29/2023 10:00	47401 PENS_T1	0	0	0	0	0	0	2.39	2.37	0	0	0	0	0	0
3/29/2023 10:00	42802 SELI_T1	0	1	1	0	0.3	0.3	-0.79	-0.78	1	1	0	900	900	0
3/29/2023 10:00	64801 MONE_T2	2	4	2	0.55	0.38	-0.17	0.29	0.23	0	0	0	0	0	0
3/29/2023 10:00	24102 EHAZ_T1	0	1	1	0	0	0	0	0	0	0	0	0	0	0
3/29/2023 10:00	56601 HAMP_T1	2	1	-1	0.3	0.4	0.1	-0.08	-0.15	0	0	0	0	0	0
3/29/2023 10:00	56503 ROCK_T2	2	5	3	0.15	0.18	0.03	0	0	0	0	0	0	0	0
3/29/2023 10:00	49804 UNIV_T1	1	1	0	0.6	0.1	-0.5	0	0	0	0	0	0	0	0
3/29/2023 10:00	42201 SHEN_T2	0	0	0	0	0	0	-0.18	-0.16	1	1	0	600	600	0
3/29/2023 10:00	12605 MACA_T1	0	2	2	0	0.25	0.25	0	0	0	0	0	0	0	0
3/29/2023 10:00	50201 HARR_T3	1	1	0	0.8	0.8	0	0	0	0	0	0	0	0	0
3/29/2023 10:00	40502 CRES_T2	0	14	14	0	0.16	0.16	-0.44	-0.44	0	0	0	0	0	0
3/29/2023 10:00	66505 SMAN_T2	0	2	2	0	0.3	0.3	0.05	0.09	2	2	0	1100	1100	0
3/29/2023 10:00	64802 MONE_T2	0

Appendix C - Grid Benefits Achieved in Each Instance of Active Management

3/29/2023 13:12	56801 BENV_T1	64	76	12	1.09	1.24	0.15	-0.21	-0.22	0	0	0	0	0	0
3/29/2023 13:12	60803 BUCK_T1	2	4	2	0.4	0.3	-0.1	-1.01	-0.99	1	1	0	600	600	0
3/29/2023 13:12	29402 BELT_T1	131	132	1	1.34	1.28	-0.06	0	0	0	0	0	0	0	0
3/29/2023 13:13	53501 EVIL_T2	10	12	2	0.8	1.23	0.43	-0.26	-0.28	0	0	0	0	0	0
3/29/2023 13:15	66703 STRA_T1	32	28	-4	0.35	0.38	0.03	-0.15	-0.17	0	0	0	0	0	0
3/29/2023 13:15	57602 RUTH_T2	2	2	0	0.45	0.6	0.15	0	0	0	0	0	0	0	0
3/29/2023 13:16	49803 UNIV_T1	0	2	2	0	0.1	0.1	-2.08	-2.11	0	0	0	0	0	0
3/29/2023 13:17	64101 REFR_T1	7	8	1	0.8	0.63	-0.17	-0.22	-0.18	0	0	0	0	0	0
3/29/2023 13:18	64802 MONE_T2	17	15	-2	0.48	0.55	0.07	0.15	0.16	0	0	0	0	0	0
3/29/2023 13:18	60801 BUCK_T1	146	166	20	0.46	0.49	0.03	0	0	0	0	0	0	0	0
3/29/2023 13:19	59101 WALK_T2	7	6	-1	0.77	0.6	-0.17	0	0	0	0	0	0	0	0
3/29/2023 13:19	53501 EVIL_T2	12	12	0	1.23	1.23	0	-0.28	-0.29	0	0	0	0	0	0
3/29/2023 13:20	64801 MONE_T2	4	6	2	0.43	0.42	-0.01	0	0	0	0	0	0	0	0
3/29/2023 13:21	49803 UNIV_T1	0	2	2	0	0.1	0.1	-2.11	-2.1	0	0	0	0	0	0
3/29/2023 14:39	52502 PROG_T2	1	3	2	0.5	0.37	-0.13	0.19	0.2	0	0	0	0	0	0
3/29/2023 14:40	41802 GOCI_T2	3	3	0	0.33	0.47	0.14	0	0	0	0	0	0	0	0
3/29/2023 14:41	41802 GOCI_T2	3	3	0	0.33	0.47	0.14	0	0	0	0	0	0	0	0
3/29/2023 15:05	65604 QVIL_T2	0	0	0	0	0	0	0.23	0.23	0	0	0	0	0	0
3/29/2023 15:17	65604 QVIL_T2	0	0	0	0	0	0	0.23	0.23	0	0	0	0	0	0
3/29/2023 15:22	47401 PENS_T1	0	0	0	0	0	0	0.85	0.79	0	0	0	0	0	0
3/29/2023 15:37	47401 PENS_T1	0	0	0	0	0	0	0.79	0.8	0	0	0	0	0	0
3/29/2023 15:38	67502 WEWI_T2	614	198	-416	0.31	0.26	-0.05	0	0	0	0	0	0	0	0
3/29/2023 15:39	45901 AUBU_T1	0	0	0	0	0	0	2.29	2.36	0	0	0	0	0	0
3/29/2023 15:49	40505 CRES_T1	0	0	0	0	0	0	0.26	0.23	0	0	0	0	0	0
3/29/2023 15:52	60801 BUCK_T1	129	162	33	0.34	0.42	0.08	0	0	0	0	0	0	0	0
3/29/2023 15:52	42701 AUGU_T1	0	0	0	0	0	0	0	0	1	1	0	600	600	0
3/29/2023 15:58	64802 MONE_T2	5	72	67	0.6	0.17	-0.43	0.09	0.07	0	0	0	0	0	0
3/29/2023 15:59	59101 WALK_T2	32	68	36	0.21	0.66	0.45	0.07	-0.13	0	0	0	0	0	0
3/29/2023 16:00	41801 GOCI_T2	312	278	-34	0.48	0.41	-0.07	0	0	0	0	0	0	0	0
3/29/2023 16:02	64101 REFR_T1	4	3	-1	0.45	0.15	-0.3	-0.22	-0.22	0	0	0	0	0	0
3/29/2023 16:02	47401 PENS_T1	0	0	0	0	0	0	0.8	0.83	0	0	0	0	0	0
3/29/2023 16:02	56801 BENV_T1	57	62	5	1.01	1.11	0.1	-0.22	-0.23	0	0	0	0	0	0
3/29/2023 16:04	42802 SELI_T1	0	0	0	0	0	0	-0.97	-0.97	1	1	0	900	900	0
3/29/2023 16:05	65602 QVIL_T2	28	40	12	0.15	0.21	0.06	0	0	0	0	0	0	0	0
3/29/2023 16:05	66703 STRA_T1	2	4	2	0.5	0.1	-0.4	-0.23	-0.13	0	0	0	0	0	0
3/29/2023 16:08	54505 ENOL_T2	2	2	0	0.75	0.95	0.2	0	0	0	0	0	0	0	0
3/29/2023 16:09	42802 SELI_T1	0	0	0	0	0	0	-0.97	-0.97	1	1	0	900	900	0
3/29/2023 16:13	53501 EVIL_T2	3	3	0	0.53	0.6	0.07	-0.61	-0.68	0	0	0	0	0	0
3/29/2023 16:15	56802 BENV_T2	39	58	19	0.2	0.19	-0.01	-0.75	-0.74	0	0	0	0	0	0
3/29/2023 16:16	49803 UNIV_T1	3	0	-3	0.1	0	-0.1	-2.23	-2.18	0	0	0	0	0	0
3/29/2023 16:17	64101 REFR_T1	2	1	-1	0.15	0.1	-0.05	-0.22	-0.18	0	0	0	0	0	0
3/29/2023 16:22	64101 REFR_T1	2	1	-1	0.15	0.1	-0.05	-0.18	-0.18	0	0	0	0	0	0
3/29/2023 16:24	67502 WEWI_T2	149	102	-47	0.24	0.2	-0.04	0	0	0	0	0	0	0	0
3/29/2023 16:24	42802 SELI_T1	0	0	0	0	0	0	-0.97	-0.99	1	1	0	900	900	0
3/29/2023 20:36	16901 MECK_T1	0	0	0	0	0	0	0.04	0.04	0	0	0	0	0	0
3/29/2023 21:04	65602 QVIL_T2	2	39	37	0.15	0.25	0.1	0	0	0	0	0	0	0	0
3/29/2023 21:18	65602 QVIL_T2	24	37	13	0.15	0.25	0.1	0	0	0	0	0	0	0	0
3/29/2023 21:20	47401 PENS_T1	0	0	0	0	0	0	0.75	0.76	0	0	0	0	0	0
3/29/2023 21:27	14801 TREI_T2	0	0	0	0	0	0	0.28	0.27	0	0	0	0	0	0
3/29/2023 21:33	67605 WARW_T1	0	0	0	0	0	0	-0.82	-0.8	0	0	0	0	0	0
3/29/2023 21:34	64101 REFR_T1	0	0	0	0	0	0	-0.15	-0.21	0	0	0	0	0	0
3/29/2023 21:39	47401 PENS_T1	0	0	0	0	0	0	0.76	0.69	0	0	0	0	0	0
3/29/2023 21:43	45902 AUBU_T1	0	1	1	0	0.1	0.1	0	0	0	0	0	0	0	0
3/29/2023 21:51	65602 QVIL_T2	23	43	20	0.19	0.33	0.14	0	0	0	0	0	0	0	0
3/29/2023 21:52	67605 WARW_T1	0	0	0	0	0	0	-0.81	-0.82	0	0	0	0	0	0
3/29/2023 21:53	67502 WEWI_T2	43	0	-43	0.15	0	-0.15	0	0	0	0	0	0	0	0
3/29/2023 21:53	65602 QVIL_T2	23	43	20	0.19	0.33	0.14	0	0	0	0	0	0	0	0
3/29/2023 21:53	45901 AUBU_T1	0	0	0	0	0	0	1.67	1.55	0	0	0	0	0	0
3/29/2023 21:59	67503 WEWI_T2	0	0	0	0	0	0	-0.33	-0.31	0	0	0	0	0	0
3/29/2023 22:04	42802 SELI_T1	0	0	0	0	0	0	-0.4	-0.4	0	0	0	0	0	0
3/29/2023 22:06	41801 GOCI_T2	3	0	-3	0.1	0	-0.1	0	0	0	0	0	0	0	0
3/29/2023 22:06	56803 BENV_T1	61	14	-47	0.27	0.61	0.34	0	0	0	0	0	0	0	0
3/29/2023 22:09	56802 BENV_T2	37	60	23	0.14	0.17	0.03	-1.49	-1.44	0	0	0	0	0	0
3/29/2023 22:09	66703 STRA_T1	6	50	44	0.37	0.25	-0.12	-0.5	-0.45	0	0	0	0	0	0
3/29/2023 22:12	53501 EVIL_T2	1	10	9	0.5	0.48	-0.02	-0.73	-0.75	0	0	0	0	0	0
3/29/2023 22:13	60801 BUCK_T1	58	115	57	0.35	0.47	0.12	0	0	0	0	0	0	0	0
3/29/2023 22:14	47401 PENS_T1	0	0	0	0	0	0	0.65	0.67	0	0	0	0	0	0
3/29/2023 22:15	49803 UNIV_T1	61	70	9	0.18	0.32	0.14	-2.18	-2.26	0	0	0	0	0	0
3/29/2023 22:16	64802 MONE_T2	1	1	0	0.2	0.2	0	-0.03	-0.05	0	0	0	0	0	0
3/29/2023 22:18	59102 WALK_T2	1	1	0	0.2	0.2	0	0	0	0	0	0	0	0	0
3/29/2023 22:20	46302 ROHR_T1	4	4	0	1.28	0.8	-0.48	0.17	0.17	0	0	0	0	0	0
3/29/2023 22:21	57602 RUTH_T2	2	0	-2	0.25	0	-0.25	0	0	0	0	0	0	0	0
3/29/2023 22:25	56801 BENV_T1	27	39	12	0.84	0.77	-0.07	-0.2	-0.19	0	0	0	0	0	0
3/29/2023 22:26	54505 ENOL_T2	1	1	0	0.5	0.4	-0.1	0	0	0	0	0	0	0	0
3/29/2023 22:29	67503 WEWI_T2	0	0	0	0	0	0	-0.37	-0.37	0	0	0	0	0	0
3/29/2023 22:41	29402 BELT_T1	112	109	-3	1.13	0.95	-0.18	0	0	0	0	0	0	0	0
3/29/2023 22:46	42201 SHEN_T2	0	0	0	0	0	0	0.38	0.37	0	0	0	0	0	0
3/29/2023 22:58	64101 REFR_T1	0	0	0	0	0	0	-0.21	-0.01	0	0	0	0	0	0
3/29/2023 23:02	67502 WEWI_T2	0	0	0	0	0	0	-0.59	-0.63	0	0	0	0	0	0
3/29/2023 23:22	56803 BENV_T1	23	13	-10	0.47	0.62	0.15	0	0	0	0	0	0	0	0
3/29/2023 23:30	52502 PROG_T2	0	0	0	0	0	0	0.19	0.23	0	0	0	0	0	0
3/29/2023 23:31	65602 QVIL_T2	34	0	-34	0.19	0	-0.19	0	0	0	0	0	0	0	0
3/29/2023 23:40	47401 PENS_T1	0	0	0	0	0	0	0.61	0.57	0	0	0	0	0	0
3/29/2023 23:44	65602 QVIL_T2	34	0	-34	0.19	0	-0.19	0	0	0	0	0	0	0	0
3/30/2023 0:03	45901 AUBU_T1	0	0	0	0	0	0	1.42	1.54	0	0	0	0	0	0
3/30/2023 0:27	67605 WARW_T1	0	0	0	0	0	0	-0.87	-0.88	0	0	0	0	0	0
3/30/2023 0:28	42201 SHEN_T2	0	0	0	0	0	0	0.36	0.36	0	0	0	0	0	0
3/30/2023 0:28	67503 WEWI_T2	0	0	0	0	0	0	-0.39	-0.35	0	0	0	0	0	0
3/30/2023 0:28	54501 ENOL_T2	0	0	0	0	0	0	-0.6	-0.59	1	1	0	600	600	0
3/30/2023 0:28	67503 WEWI_T2	0	0	0	0	0	0	-0.39	-0.35	0	0	0	0	0	0
3/30/2023 0:28	57601 RUTH_T2	0	0	0	0	0	0	-0.84	-0.81	0	0	0	0	0	0
3/30/2023 0:28	29402 BELT_T1	103	111	8	0.77	1.13	0.36	0	0	0	0	0	0	0	0
3/30/2023 0:28	47401 PENS_T1	0	0	0	0	0	0	0.56	0.57	0	0	0	0	0	0
3/30/2023 0:53	67503 WEWI_T2	0	0	0	0	0	0	-0.35	-0.35	0	0	0	0	0	0
3/30/2023 0:59	67503 WEWI_T2	0	0	0	0	0	0	-0.35	-0.35	0	0	0	0	0	0
3/30/2023 1:14	47401 PENS_T1	0	0	0	0	0	0	0.56	0.57	0	0	0	0	0	0
3/30/2023 1:21	57601 RUTH_T2	0	0	0	0	0	0	-0.83	-0.83	0	0	0	0	0	0
3/30/2023 1:26	54501 ENOL_T2	0	0	0	0	0	0	-0.59	-0.6	1	1	0	600	600	0
3/30/2023 1:29	67503 WEWI_T2	0	0	0	0	0	0	-0.37	-0.36	0	0	0	0	0	0
3/30/2023 1:30	54505 ENOL_T2	1	1	0	0.2	0.2	0	0	0	0	0	0	0	0	0
3/30/2023 1:32	47401 PENS_T1	0	0	0	0	0	0	0.57	0.6	0	0	0	0	0	0
3/30/2023 1:38	57601 RUTH_T2	0	0	0	0	0	0	-0.83	-0.8	0	0	0	0	0	0
3/30/2023 1:41	29402 BELT_T1	97	103	6	0.69	0.79	0.1	0	0	0	0	0	0	0	0
3/30/2023 1:44	67503 WEWI_T2	0	0	0	0	0	0	-0.36	-0.34	0	0	0	0	0	0
3/30/2023 1:46	42201 SHEN_T2	0	0	0	0	0	0	0.34	0.36	0	0	0	0	0	0
3/30/2023 1:49	42201 SHEN_T2	0	0	0	0	0	0	0.36	0.37	0	0	0	0	0	0
3/30/2023 1:59	29402 BELT_T1	99	103	4	0.7	0.78	0.08	0	0	0	0	0	0	0	0
3/30/2023 2:01	57601 RUTH_T2	0	0	0	0	0	0	-0.8	-0.81	0	1	1	0	900	900
3/30/2023 2:02	67502 WEWI_T2	0	0	0	0	0	0	-1.61	-1.62	1	1	0	900	900	0
3/30/2023 2:09	67502 WEWI_T2	0	0	0	0	0	0	-1.62	-1.6	1	1	0	900	900	0
3/30/2023 3:02	67502 WEWI_T2	0	0	0	0	0	0	-1.62	-1.61	1	1	0	900	900	0
3/30/2023 3:53	67503 WEWI_T2	0	0	0	0	0	0	-0.3	-0.35	0	0	0	0	0	0
3/30/2023 4:01	67503 WEWI_T2	0	0	0	0	0	0	-0.3	-0.35	0	0	0	0	0	0
3/30/2023 4:14	47403 PENS_T1	1	1	0	1.2	1.9	0.7	0	0	0	0	0	0	0	0
3/30/2023 4:21	29402 BELT_T1	37	15	-22	0.26	0.19	-0.07	0	0	0	0	0	0	0	0
3/30/2023 4:26	54502 ENOL_T2	1	0	-1	0.1	0	-0.1	0	0	0	0	0	0	0	0
3/30/2023 4:29	67503 WEWI_T2	0	0	0	0	0	0	-0.37	-0.36	0	0	0	0	0	0
3/30/2023 4:46	42201 SHEN_T2	0	0	0	0	0	0	0.4	0.4	0	0	0	0	0	0
3/30/2023 4:51	42201 SHEN_T2	0	0	0	0	0	0	0.4	0.4	0	0	0	0	0	0
3/30/2023 5:06	42201 SHEN_T2	0	0	0	0	0	0	0.4	0.38	0	0	0	0	0	0
3/30/2023 5:33	67503 WEWI_T2	0	0	0	0	0	0	-0.32	-0.3	0	0	0	0	0	0
3/30/2023 10:00	56801 BENV_T1	41	43	2	0.78	0.93	0.15	-0.08	-0.06	0	0	0	0	0	0
3/30/2023 10:00	47401 PENS_T1	0	0	0	0	0	0	0.87	0.93	0	0	0	0	0	0
3/30/2023 10:00	65604 QVIL_T2	0	0	0	0	0	0	1.08	1.02	0	0	0	0	0	0
3/30/2023 10:00	50201 HARR_T3	2	2	0	4.75	4.8	0.05	0	0	0	0	0	0	0	0
3/30/2023 10:00	12605 MACA_T1	2	3	1	0.1	0.33	0.23	0	0	0	0	0	0	0	0
3/30/2023 10:00	29401 BELT_T1	41	49	8	0.23	0.22	-0.01	0	0	0	0	0	0	0	0
3/30/2023 10:00	65603 QVIL_T2	0	0	0	0	0	0	-0.28	-0.32	0	0	0	0	0	0
3/30/2023 10:00	42802 SELI_T1	0	2	2	0	0.35	0.35	0	0	0	0	0	0	0	0
3/30/2023 10:00	67502 WEWI_T2	1	1	0	1.1	1.6	0.5	-0.14	-0.1	0	0	0	0	0	0
3/30/2023 10:00	42201 SHEN_T2	0	1	1	0	0	0	-0.25	-0.24	1	1	0	600	600	0
3/30/2023 10:00	64101 REFR_T1	0	0	0	0	0	0	0.18	0.14	0	0	0	0	0	0
3/30/2023 10:00	56601 HAMP_T1	2	1	-1	0.35	0.1	-0.25	-0.1	0	0	0	0	0	0	0
3/30/2023 10:00	64801 MONE_T2	0	3	3	0	0.27	0.27	0.35	0.32	0	0	0	0	0	0
3/30/2023 10:00	67503 WEWI_T2	0	0	0	0	0	0	-0.41	-0.62	0	0	0	0	0	0
3/30/2023 10:00	39601 LNFD_T1	7	7	0	0.59	0	-0.59	0	0	0	0	0	0	0	0
3/30/2023 10:00	46302 ROHR_T1	3	4	1	0.47	0.7	0.23	0.16	0.2	0	0	0	0	0	0
3/30/2023 10:00	52503 PROG_T2	0	1	1	0	0.1	0.1	-0.58	-0.59	1	1	0	900	900	0
3/30/2023 10:00	52503 PROG_T2	0	1	1	0	0.1	0.1	-0.58	-0.59	1	1	0	900	900	0
3/30/2023 10:00	67605 WARW_T1	3	8	5	0.47	0.44	-0.03	-0.67	-0.65	0	0	0	0	0	0
3/30/2023 10:00	41801 GOCI_T2	5	12	7	0.38	0.47	0.09	0	0	0	0	0	0	0	0
3/30/2023 10:00	45901 AUBU_T1	0	0	0	0	0	0	1.2	1.22	0	0	0	0	0	0
3/30/2023 10:13	40504 CRES_T1	16	29	13	0.18	0.31	0.13	0	0	0	0	0	0	0	0
3/30/2023 10:15	42701 AUGU_T1	4	8	4	0.55	0.44	-0.11	0	0	2	2	0	1800	1800	0
3/30/2023 10:18	56801 BENV_T1	39	54	15	0.76	1.04	0.28	-0.06	-0.08	0	0	0	0	0	0
3/30/2023 10:22	66702 STRA_T1	1	1	0	1.3	1.5	0.2	0	0	0	0	0	0	0	0
3/30/2023 10:23	51303 WIND_T1	101	168	67	0.17	0.19	0.02	0	0	0	0	0	0	0	0
3/30/2023 10:24	60801 BUCK_T1	0	3	3	0	0.13	0.13	0	0	0	0	0	0	0	0
3/30/2023 10:25	59101 WALK_T2	0	0	0	0	0	0	0.26	0.28	0	0	0	0	0	0
3/30/2023 10:25	14801 TREI_T2	0	1	1	0	0.1	0.1	0.45	0.34	0	0	0	0	0	0
3/30/2023 10:26	53501 EVIL_T2	1	5	4	0.2	0.42	0.22	-0.26	-0.25	0	0	0	0	0	0
3/30/2023 10:27	64801 MONE_T2	0	3	3	0	0.33	0.33	0	0	0	0	0	0	0	0
3/30/2023 10:27	49803 UNIV_T1	0	1	1	0	0.4	0.4	-1.9	-1.99	0	0	0	0	0	0
3/30/2023 10:29	40902 JESH_T1	1	1	0	0	0	0	-0.92	-0.95	2	2	0	1200	1200	0
3/30/2023 10:31	56803 BENV_T1	12	14	2	0.57	0.68	0.11	0	0	0	0	0	0	0	0
3/30/2023 10:33	54504 ENOL_T2	1	1	0	0.3	0.8	0.5	0	0	0	0	0	0	0	0
3/30/2023 10:33	56802 BENV_T2	2	5	3	0.6	0.38	-0.22	-1.34	-1.41	0	0	0	0	0	0
3/30/2023 10:35	47403 PENS_T1	1	1	0	1.5	1.4	-0.1	0	0	0	0	0	0	0	0
3/30/2023 10:39	46203 DANV_T2	2	2	0	1.3	1.2	-0.1	0	0	0	0	0	0	0	0
3/30/2023 10:41	57602 RUTH_T2	2	2	0	0.3	0.55	0.25	0	0	0	0	0	0	0	0
3/30/2023 11:14	20801 LOPO_T1	0	0	0	0	0	0	0.15	0.15	0	0	0	0	0	0
3/30/2023 11:58	40902 JESH_T1	1	1	0	0	0	0	-0.34	-0.33	1	1	0	600	600	0
3/30/2023 12:13	64305 LINC_T1	3	4	1	0.2	0.53	0.33	0	0	0	0	0	0	0	0
3/30/2023 12:19	65601 QVIL_T2	2	3	1	0.35	0.53	0.18	0	0	0	0	0	0	0	0
3/30/2023 12:20	65604 QVIL_T2	0	0	0	0	0	0	0.31	0.32	0	0	0	0	0	0
3/30/2023 12:24	64101 REFR_T1	1	3	2	0.2	0.33	0.13	0.08	0.05	0	0	0	0	0	0
3/30/2023 12:36	47401 PENS_T1	4	2	-2	0.3	0.4	0.1	1.04	0.96	0	0	0	0	0	0
3/30/2023 12:39	65602 QVIL_T2	14	0	-14	0.17	0	-0.17	0	0	0	0	0	0	0	0
3/30/2023 12:41	47403 PENS_T1	2	1	-1	1.2	2	0.8	0	0	0	0	0	0	0	0
3/30/2023 12:47	45901 AUBU_T1	0	0	0	0	0	0	2.39	2.36	0	0	0	0	0	0
3/30/2023 12:54	40505 CRES_T1	0	0	0	0	0	0	0.28	0.27	0	0	0	0	0	0
3/30/2023 12:56	45901 AUBU_T1	0	0	0	0	0	0	2.36	2.32	0	0	0	0	0	0
3/30/2023 12:57	65603 QVIL_T2	0	0	0	0	0	0	-0.42	-0.38	0	0	0	0	0	0
3/30/2023 12:59	64101 REFR_T1	2	5	3	0.35	0.36	0.01	0.05	0.04	0	0	0	0	0	0
3/30/2023 13:00	56801 BENV_T1	48	54	6	0.98	0.97	-0.01	-0.17	-0.16	0	0	0	0	0	0
3/30/2023 13:02	64101 REFR_T1	2	5	3	0.1	0.36	0.26	0.05	0.04	0	0	0	0	0	0
3/30/2023 13:04	42802 SELI_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/30/2023 13:08	59101 WALK_T2	28	64	36	0.34	0.41	0.07	-0.39	-0.22	0	0	0	0	0	0

Appendix C - Grid Benefits Achieved in Each Instance of Active Management

3/30/2023 21:44	47403 PENS_T1	0	1	1	0	2.3	2.3	0	0	0	0	0	0	0	0
3/30/2023 21:50	65603 QVIL_T2	0	0	0	0	0	0	-0.78	-0.78	0	0	0	0	0	0
3/30/2023 21:51	45901 AUBU_T1	0	0	0	0	0	0	1.95	1.99	0	0	0	0	0	0
3/30/2023 21:58	56801 BENV_T1	35	36	1	0.53	0.61	0.08	-0.07	-0.1	0	0	0	0	0	0
3/30/2023 21:58	64101 REFR_T1	0	0	0	0	0	0	0.16	0.15	0	0	0	0	0	0
3/30/2023 21:59	45901 AUBU_T1	0	0	0	0	0	0	1.95	1.99	0	0	0	0	0	0
3/30/2023 22:00	65603 QVIL_T2	0	0	0	0	0	0	-0.78	-0.78	0	0	0	0	0	0
3/30/2023 22:10	65603 QVIL_T2	0	0	0	0	0	0	-0.78	-0.79	0	0	0	0	0	0
3/30/2023 22:11	59101 WALK_T2	0	0	0	0	0	0	-0.1	-0.1	0	0	0	0	0	0
3/30/2023 22:15	40505 CRES_T1	0	0	0	0	0	0	0.26	0.26	0	0	0	0	0	0
3/30/2023 22:18	60803 BUCK_T1	54	54	-40	0.59	0.36	-0.23	0	0	0	0	0	0	0	0
3/30/2023 22:19	42802 SELI_T1	0	0	0	0	0	0	0	0	1	0	-1	900	0	-900
3/30/2023 22:19	64801 MONE_T2	1	0	-1	0.4	0	-0.4	0	0	0	0	0	0	0	0
3/30/2023 22:20	46302 ROHR_T1	1	1	0	0.3	0.4	0.1	0.21	0.18	0	0	0	0	0	0
3/30/2023 22:22	40902 JESH_T1	1	1	0	0	0	0	-0.42	-0.46	1	1	0	600	600	0
3/30/2023 22:23	56801 BENV_T1	19	24	5	0.36	0.54	0.18	-0.07	-0.09	0	0	0	0	0	0
3/30/2023 22:36	57602 RUTH_T2	0	2	2	0	0.1	0.1	0	0	0	0	0	0	0	0
3/30/2023 22:38	65604 QVIL_T2	0	0	0	0	0	0	0.28	0.3	0	0	0	0	0	0
3/30/2023 22:40	46204 DANV_T2	1	0	-1	3.1	0	-3.1	0	0	0	0	0	0	0	0
3/30/2023 22:40	47401 PENS_T1	0	0	0	0	0	0	0.72	0.65	0	0	0	0	0	0
3/30/2023 22:52	67503 WEWI_T2	0	0	0	0	0	0	-0.26	-0.28	0	0	0	0	0	0
3/30/2023 22:53	61303 EARL_T1	0	0	0	0	0	0	-0.05	-0.01	0	0	0	0	0	0
3/30/2023 23:04	29402 BELT_T1	124	113	-11	1.39	1.15	-0.24	0	0	0	0	0	0	0	0
3/30/2023 23:06	20801 LOPO_T1	0	0	0	0	0	0	0.16	0.16	0	0	0	0	0	0
3/30/2023 23:06	16901 MECK_T1	0	0	0	0	0	0	0.08	0.05	0	0	0	0	0	0
3/30/2023 23:11	45901 AUBU_T1	0	0	0	0	0	0	1.76	1.6	0	0	0	0	0	0
3/30/2023 23:33	64301 LINC_T1	0	0	0	0	0	0	-0.13	-0.12	0	0	0	0	0	0
3/31/2023 0:28	40505 CRES_T1	0	0	0	0	0	0	0.22	0.22	0	0	0	0	0	0
3/31/2023 0:28	29402 BELT_T1	41	1	-40	0.26	0.1	-0.16	0	0	0	0	0	0	0	0
3/31/2023 0:28	67503 WEWI_T2	0	0	0	0	0	0	-0.39	-0.38	0	0	0	0	0	0
3/31/2023 0:28	61303 EARL_T1	0	0	0	0	0	0	0.04	-0.05	0	0	0	0	0	0
3/31/2023 0:28	20801 LOPO_T1	0	1	1	0	0	0	0.16	0.16	0	0	0	0	0	0
3/31/2023 0:28	59101 WALK_T2	0	0	0	0	0	0	1.04	1.03	0	0	0	0	0	0
3/31/2023 0:28	40901 JESH_T1	1	1	0	0.4	0.4	0	0	0	0	0	0	0	0	0
3/31/2023 0:28	46206 DANV_T2	0	0	0	0	0	0	2.3	2.37	1	1	0	1200	1200	0
3/31/2023 0:32	67503 WEWI_T2	0	0	0	0	0	0	-0.39	-0.38	0	0	0	0	0	0
3/31/2023 1:13	61303 EARL_T1	0	0	0	0	0	0	-0.07	-0.09	0	0	0	0	0	0
3/31/2023 1:15	40505 CRES_T1	0	0	0	0	0	0	0.23	0.23	0	0	0	0	0	0
3/31/2023 1:19	40505 CRES_T1	0	0	0	0	0	0	0.23	0.23	0	0	0	0	0	0
3/31/2023 1:20	59101 WALK_T2	0	0	0	0	0	0	1.09	1.07	0	0	0	0	0	0
3/31/2023 1:22	40902 JESH_T1	1	1	0	0	0	0	-1.11	-1.09	2	2	0	1200	1200	0
3/31/2023 1:37	40902 JESH_T1	1	1	0	0	0	0	-1.09	-1.02	2	2	0	1200	1200	0
3/31/2023 1:40	46206 DANV_T2	0	0	0	0	0	0	2.37	2.35	1	1	0	1200	1200	0
3/31/2023 1:51	46206 DANV_T2	0	0	0	0	0	0	2.35	2.44	1	1	0	1200	1200	0
3/31/2023 2:04	29402 BELT_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/31/2023 2:06	20801 LOPO_T1	0	1	1	0	0.3	0.3	0.16	0.14	0	0	0	0	0	0
3/31/2023 2:12	29402 BELT_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/31/2023 2:26	20801 LOPO_T1	1	1	0	1.5	0.3	-1.2	0.14	0.15	0	0	0	0	0	0
3/31/2023 3:22	40901 JESH_T1	0	1	1	0	0.2	0.2	0	0	0	0	0	0	0	0
3/31/2023 3:24	29402 BELT_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/31/2023 3:26	20801 LOPO_T1	0	0	0	0	0	0	0.15	0.14	0	0	0	0	0	0
3/31/2023 4:00	46206 DANV_T2	0	0	0	0	0	0	2.39	2.4	1	1	0	1200	1200	0
3/31/2023 4:15	40505 CRES_T1	0	0	0	0	0	0	0.26	0.28	0	0	0	0	0	0
3/31/2023 8:14	24101 EHAZ_T1	88	68	-20	1.17	0.61	-0.56	0.97	1.15	1	1	0	600	600	0
3/31/2023 9:40	16302 ALPA_T2	3	8	5	0.17	0.31	0.14	-0.53	-0.62	0	0	0	0	0	0
3/31/2023 10:00	20801 LOPO_T1	0	0	0	0	0	0	0.17	0.16	0	0	0	0	0	0
3/31/2023 10:00	56802 BENV_T2	1	1	0	0.1	0.3	0.2	-1.32	-1.3	0	0	0	0	0	0
3/31/2023 10:00	65603 QVIL_T2	0	0	0	0	0	0	-0.57	-0.4	0	0	0	0	0	0
3/31/2023 10:00	47401 PENS_T1	0	0	0	0	0	0	0.74	0.71	0	0	0	0	0	0
3/31/2023 10:00	64101 REFR_T1	0	0	0	0	0	0	0.31	0.16	0	0	0	0	0	0
3/31/2023 10:00	56801 BENV_T1	7	12	5	0.21	0.26	0.05	-0.19	-0.24	0	0	0	0	0	0
3/31/2023 10:00	67502 WEWI_T2	0	0	0	0	0	0	-0.25	-0.2	0	0	0	0	0	0
3/31/2023 10:00	46302 ROHR_T1	3	3	0	0.57	0.9	0.33	0.18	0.19	0	0	0	0	0	0
3/31/2023 10:00	54502 ENOL_T2	1	1	0	0.2	0.4	0.2	0	0	0	0	0	0	0	0
3/31/2023 10:00	29401 BELT_T1	7	0	-7	0.13	0	-0.13	0	0	0	0	0	0	0	0
3/31/2023 10:00	51301 WIND_T1	3	3	0	0.7	0.83	0.13	0.43	0.49	0	0	0	0	0	0
3/31/2023 10:00	60803 BUCK_T1	0	0	0	0	0	0	-1.38	-1.4	1	1	0	600	600	0
3/31/2023 10:00	45901 AUBU_T1	0	0	0	0	0	0	1.71	1.78	0	0	0	0	0	0
3/31/2023 10:00	52503 PROG_T2	0	0	0	0	0	0	-0.54	-0.55	1	1	0	900	900	0
3/31/2023 10:00	64801 MONE_T2	1	2	1	0.3	0.5	0.2	0.35	0.32	0	0	0	0	0	0
3/31/2023 10:00	40505 CRES_T1	0	0	0	0	0	0	0.38	0.4	0	0	0	0	0	0
3/31/2023 10:00	56601 HAMP_T1	0	0	0	0	0	0	-0.22	-0.22	0	0	0	0	0	0
3/31/2023 10:00	57602 RUTH_T2	2	2	0	0.4	0.4	0	0	0	0	0	0	0	0	0
3/31/2023 10:00	16302 ALPA_T2	6	2	-4	0.23	0.15	-0.08	-0.62	-0.57	0	0	0	0	0	0
3/31/2023 10:00	42802 SELI_T1	0	0	0	0	0	0	0	0	1	1	0	900	900	0
3/31/2023 10:00	67502 WEWI_T2	0	0	0	0	0	0	-0.25	-0.2	0	0	0	0	0	0
3/31/2023 10:00	65603 QVIL_T2	0	0	0	0	0	0	-0.57	-0.4	0	0	0	0	0	0
3/31/2023 10:00	64802 MONE_T2	0	0	0	0	0	0	0.12	0.12	0	0	0	0	0	0
3/31/2023 10:00	51301 WIND_T1	3	3	0	0.7	0.83	0.13	0.43	0.49	0	0	0	0	0	0
3/31/2023 10:00	46206 DANV_T2	0	0	0	0	0	0	1.82	1.85	1	1	0	1200	1200	0
3/31/2023 10:00	64301 LINC_T1	0	0	0	0	0	0	-0.22	-0.25	1	1	0	600	600	0
3/31/2023 10:00	50105 HARR_T3	6	6	0	6.18	6	-0.18	0	0	0	0	0	0	0	0
3/31/2023 10:00	59101 WALK_T2	0	0	0	0	0	0	1.63	1.73	0	0	0	0	0	0
3/31/2023 10:00	10801 CHHI_T1	0	4	-4	0	0.65	0.65	-0.33	-0.39	1	1	0	600	600	0
3/31/2023 10:00	16901 MECK_T1	0	1	1	0	0.2	0.2	0.09	0.09	0	0	0	0	0	0
3/31/2023 10:00	12604 MACA_T1	0	0	0	0	0	0	0.44	0.37	0	0	0	0	0	0
3/31/2023 10:00	66703 STRA_T1	0	0	0	0	0	0	0.02	-0.02	0	0	0	0	0	0
3/31/2023 11:09	20801 LOPO_T1	0	0	0	0	0	0	0.14	0.15	0	0	0	0	0	0
3/31/2023 11:37	47401 PENS_T1	0	0	0	0	0	0	0.76	0.78	0	0	0	0	0	0
3/31/2023 11:43	67502 WEWI_T2	3	4	1	0.33	0.23	-0.1	-0.29	-0.16	0	0	0	0	0	0
3/31/2023 12:28	14801 TREI_T2	0	1	1	0	0.2	0.2	0.34	0.32	0	0	0	0	0	0
3/31/2023 12:33	40502 CRES_T2	14	10	-4	0.29	0.15	-0.14	-0.16	-0.17	0	0	0	0	0	0
3/31/2023 12:53	53501 EVIL_T2	4	15	11	0.35	0.41	0.06	-0.42	-0.47	0	0	0	0	0	0
3/31/2023 12:54	17501 FACT_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/31/2023 13:05	65602 QVIL_T2	35	6	-29	0.21	0.15	-0.06	0	0	0	0	0	0	0	0
3/31/2023 13:05	59101 WALK_T2	0	1	1	0	0	0	1.29	1.14	0	0	0	0	0	0
3/31/2023 13:07	60803 BUCK_T1	0	0	0	0	0	0	-0.83	-0.88	1	1	0	600	600	0
3/31/2023 13:08	43802 SWIL_T1	0	0	0	0	0	0	-1.59	-1.6	1	1	0	600	600	0
3/31/2023 13:10	67502 WEWI_T2	1	4	3	0.1	0.55	0.45	0	0	0	0	0	0	0	0
3/31/2023 13:11	64101 REFR_T1	0	3	3	0	0.53	0.53	0.07	0.04	0	0	0	0	0	0
3/31/2023 13:27	66702 STRA_T1	1	1	0	0.2	0.9	0.7	0	0	0	0	0	0	0	0
3/31/2023 13:33	66703 STRA_T1	41	61	20	0.23	0.25	0.02	-0.15	-0.09	0	0	0	0	0	0
3/31/2023 13:47	66702 STRA_T1	1	1	0	0.7	1.3	0.6	0	0	0	0	0	0	0	0
3/31/2023 14:31	58402 MORO_T1	0	0	0	0	0	0	-1.3	-1.26	2	2	0	1500	1500	0
3/31/2023 15:29	64101 REFR_T1	0	0	0	0	0	0	-0.01	0.03	0	0	0	0	0	0
3/31/2023 17:41	41802 GOCI_T2	0	1	1	0	0.1	0.1	0	0	0	0	0	0	0	0
3/31/2023 19:27	42802 SELI_T1	0	0	0	0	0	0	0	0	1	1	0	900	900	0
3/31/2023 20:31	20801 LOPO_T1	0	0	0	0	0	0	0.15	0.14	0	0	0	0	0	0
3/31/2023 20:41	67502 WEWI_T2	0	0	0	0	0	0	-0.55	-0.56	0	0	0	0	0	0
3/31/2023 20:53	53501 EVIL_T2	9	15	6	0.66	0.52	-0.14	0	0	0	0	0	0	0	0
3/31/2023 23:25	41801 GOCI_T2	0	9	9	0	0.14	0.14	0	0	0	0	0	0	0	0
3/31/2023 23:47	47401 PENS_T1	0	4	4	0	0.15	0.15	0.57	0.63	0	0	0	0	0	0
4/1/2023 0:28	66703 STRA_T1	0	2	2	0	0.1	0.1	-0.54	-0.56	0	0	0	0	0	0
4/1/2023 0:28	64802 MONE_T2	0	0	0	0	0	0	0.07	0.07	0	0	0	0	0	0
4/1/2023 0:28	47401 PENS_T1	2	1	-1	0.1	0.1	0	0.53	0.5	0	0	0	0	0	0
4/1/2023 0:28	17501 FACT_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
4/1/2023 0:28	64101 REFR_T1	0	0	0	0	0	0	-0.01	-0.01	0	0	0	0	0	0
4/1/2023 0:28	67502 WEWI_T2	0	0	0	0	0	0	-1.67	-1.69	1	1	0	900	900	0
4/1/2023 0:28	59101 WALK_T2	0	0	0	0	0	0	1.02	1	0	0	0	0	0	0
4/1/2023 0:28	42802 SELI_T1	1	1	0	0.8	1	0.2	0	0	0	0	0	0	0	0
4/1/2023 0:28	14801 TREI_T2	0	0	0	0	0	0	0.21	0.21	0	0	0	0	0	0
4/1/2023 0:28	40502 CRES_T2	0	13	13	0	0.29	0.29	-0.19	-0.19	0	0	0	0	0	0
4/1/2023 0:28	41801 GOCI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
4/1/2023 1:29	67502 WEWI_T2	0	0	0	0	0	0	-1.69	-1.67	1	1	0	900	900	0
4/1/2023 1:37	60803 BUCK_T1	0	1	1	0	0	0	-1.19	-1.16	1	1	0	600	600	0
4/1/2023 1:40	60801 BUCK_T1	146	179	33	0.33	0.47	0.14	0	0	0	0	0	0	0	0
4/1/2023 1:58	67503 WEWI_T2	0	0	0	0	0	0	-0.44	-0.42	0	0	0	0	0	0
4/1/2023 2:07	67503 WEWI_T2	0	0	0	0	0	0	-0.42	-0.44	0	0	0	0	0	0
4/1/2023 3:45	41801 GOCI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
4/1/2023 4:17	60801 BUCK_T1	181	182	1	0.52	0.58	0.06	0	0	0	0	0	0	0	0
4/1/2023 4:18	67503 WEWI_T2	0	0	0	0	0	0	-0.45	-0.45	0	0	0	0	0	0
4/1/2023 4:27	47403 PENS_T1	0	1	1	0	1.9	1.9	0	0	0	0	0	0	0	0
4/1/2023 10:00	67503 WEWI_T2	0	0	0	0	0	0	-0.32	-0.32	0	0	0	0	0	0
4/1/2023 10:00	42802 SELI_T1	0	1	1	0	0	0	0	0	1	1	0	900	900	0
4/1/2023 10:00	65604 QVIL_T2	0	0	0	0	0	0	0.69	0.69	0	0	0	0	0	0
4/1/2023 10:00	50201 HARR_T3	1	1	0	1.1	1.1	0	0	0	0	0	0	0	0	0
4/1/2023 10:00	41801 GOCI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
4/1/2023 10:00	40502 CRES_T2	0	0	0	0	0	0	-0.1	-0.16	0	0	0	0	0	0
4/1/2023 10:00	53501 EVIL_T2	1	2	1	0.4	0.45	0.05	-0.82	-0.84	0	0	0	0	0	0
4/1/2023 10:00	43801 SWIL_T1	2	2	0	2.6	2.55	-0.05	0	0	0	0	0	0	0	0
4/1/2023 10:00	20801 LOPO_T1	0	0	0	0	0	0	0.14	0.13	0	0	0	0	0	0
4/1/2023 10:00	64801 MONE_T2	1	1	0	0.6	0.6	0	0.18	0.25	0	0	0	0	0	0
4/1/2023 10:00	59101 WALK_T2	0	1	1	0	1	1	1.13	0.95	0	0	0	0	0	0
4/1/2023 10:00	60803 BUCK_T1	0	1	1	0	0	0	-0.95	-0.94	1	1	0	600	600	0
4/1/2023 10:00	12605 MACA_T1	0	1	1	0	0	0	0	0	0	0	0	0	0	0
4/1/2023 10:00	67503 WEWI_T2	0	0	0	0	0	0	-0.32	-0.32	0	0	0	0	0	0
4/1/2023 10:00	64101 REFR_T1	0	0	0	0	0	0	-0.01	-0.01	0	0	0	0	0	0
4/1/2023 10:00	64802 MONE_T2	0	0	0	0	0	0	0.16	0.17	0	0	0	0	0	0
4/1/2023 10:00	17501 FACT_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
4/1/2023 10:00	47401 PENS_T1	0	2	2	0	0.3	0.3	0.65	0.65	0	0	0	0	0	0
4/1/2023 10:00	66703 STRA_T1	0	0	0	0	0	0	-0.25	-0.24	0	0	0	0	0	0
4/1/2023 10:00	56601 HAMP_T1	0	0	0	0	0	0	-0.19	-0.18	0	0	0	0	0	0
4/1/2023 10:00	14801 TREI_T2	0	0	0	0	0	0	0.26	0.24	0	0	0	0	0	0
4/1/2023 10:00	52503 PROG_T2	1	1	0	0.1	0.2	0.1	-0.73	-0.72	1	1	0	900	900	0
4/1/2023 10:00	10801 CHHI_T1	0	0	0	0	0	0	-0.5	-0.53	1	1	0	600	600	0
4/1/2023 10:48	58402 MORO_T1	0	0	0	0	0	0	-1.54	-1.56	2	2	0	1500	1500	0
4/1/2023 11:15	58402 MORO_T1	0	2	2	0	0.15	0.15	-1.53	-1.53	2	2	0	1500	1500	0
4/1/2023 11:18	48902 FOSP_T2	0	0	0	0	0	0	-0.28	-0.3	0	0	0	0	0	0
4/1/2023 11:34	29402 BELT_T1	110	123	13	1.19	1.32	0.13	0	0	0	0	0	0	0	0
4/1/2023 11:34	44903 SCOT_T2	4	73	69	0.1	0.23	0.13	-0.19	-0.24	0	0	0	0	0	0
4/1/2023 11:53	47401 PENS_T1	45	50	5	0.23	0.35	0.12	1.02	1.06	0	0	0	0	0	0
4/1/2023 12:00	56801 BENV_T1	59	74	15	1.02	1.39	0.37	-0.2	-0.2	0	0	0	0	0	0
4/1/2023 12:01	47403 PENS_T1	20	30	10	0.35	0.32	-0.03	0	0	0	0	0	0	0	0
4/1/2023 12:01	56801 BENV_T1	59	74	15	1.02	1.39	0.37	-0.2	-0.2	0	0	0	0	0	0
4/1/2023 12:02	44902 SCOT_T2	304	460	156	0.19	0.23	0.04	0	0	0	0	0	0	0	0
4/1/2023 12:03	61303 EARL_T1	0	0	0	0	0	0	0	0.02	0	0	0	0	0	0
4/1/2023 12:06	44901 SCOT_T2	73	86	13	0.23	0.22	-0.01	-0.22	-0.29	0	0	0	0	0	0
4/1/2023 12:06	42802 SELI_T1	2	3	1	0.25	0.43	0.18	0	0	0	0	0	0	0	0
4/1/2023 12:09	45902 AUBU_T1	0	0	0	0	0	0	-0.38	-0.36	0	0	0	0	0	0
4/1/2023 12:15	20801 LOPO_T1	0	0	0	0	0	0	0.11	0.09	0	0	0	0	0	0
4/1/2023 12:26	65604 QVIL_T2	0	0	0	0	0	0	0.25	0.24	0	0	0	0	0	0
4/1/2023 12:27	67502 WEWI_T2	0	21	21	0	0.38	0.38	-1.48	-1.45	1	1	0	900	900	0
4/1/2023 12:27	65604 QVIL_T2	0	0	0	0	0	0	0.25	0.24	0	0	0	0	0	0
4/1/2023 13:00	17501 FACT_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
4/1/2023 13:06	65601 QVIL_T2	2	2	0	0.55	0.45	-0.1	0	0	0	0	0	0	0	0
4/1/2023 13:13	17501 FACT_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
4/1/2023 13:15	64101 REFR_T1	1	1	0	0.6	0.5	-0.1	-0.01	-0.01	0	0	0	0	0	0
4/1/2023 13:16	64101 REFR_T1	1	1	0	0.6	0.5	-0.1	-0.01	-0.01	0	0	0	0	0	0
4/1/2023 13:20	17501 FACT_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
4/1/2023 13:23	46302 ROHR_T1	4	4	0	1.1	1.08	-0.02	0.08	0.12

Appendix C - Grid Benefits Achieved in Each Instance of Active Management

4/2/2023 0:28	42802 SELI_T1	1	0	-1	1.2	0	-1.2	0	0	0	0	0	0	0
4/2/2023 0:28	64101 REFR_T1	0	0	0	0	0	0	-0.01	-0.01	0	0	0	0	0
4/2/2023 0:28	23401 HONE_T2	1	1	0	0.3	0.4	0.1	-0.12	-0.16	0	0	0	0	0
4/2/2023 0:29	65604 QVIL_T2	0	0	0	0	0	0	0.15	0.16	0	0	0	0	0
4/2/2023 0:36	47401 PENS_T1	0	0	0	0	0	0	0.53	0.44	0	0	0	0	0
4/2/2023 0:42	61303 EARL_T1	0	0	0	0	0	0	-0.11	-0.12	0	0	0	0	0
4/2/2023 0:54	40502 CRES_T2	10	8	-2	0.15	0.11	-0.04	0.38	0.38	0	0	0	0	0
4/2/2023 0:54	47401 PENS_T1	0	0	0	0	0	0	0.44	0.5	0	0	0	0	0
4/2/2023 1:02	61303 EARL_T1	0	0	0	0	0	0	-0.12	-0.12	0	0	0	0	0
4/2/2023 1:09	59101 WALK_T2	0	0	0	0	0	0	0.83	0.74	0	0	0	0	0
4/2/2023 1:11	40502 CRES_T2	0	8	-8	0	0.11	0.11	0.38	0.36	0	0	0	0	0
4/2/2023 1:20	56803 BENV_T1	11	11	0	0.42	0.38	-0.04	0	0	0	0	0	0	0
4/2/2023 1:24	59101 WALK_T2	0	0	0	0	0	0	0.74	0.78	0	0	0	0	0
4/2/2023 1:26	42802 SELI_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
4/2/2023 1:29	44902 SCOT_T2	1	32	31	0.1	0.11	0.01	0	0	0	0	0	0	0
4/2/2023 1:30	59101 WALK_T2	0	0	0	0	0	0	0.74	0.78	0	0	0	0	0
4/2/2023 1:36	42802 SELI_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
4/2/2023 1:39	56801 BENV_T1	32	35	3	0.66	0.61	-0.05	-0.24	-0.24	0	0	0	0	0
4/2/2023 1:40	44901 SCOT_T2	6	52	46	0.18	0.2	0.02	-0.45	-0.54	0	0	0	0	0
4/2/2023 1:43	58402 MORO_T1	0	0	0	0	0	0	-1.06	-1.07	1	1	0	900	900
4/2/2023 1:46	48902 FOSP_T2	0	0	0	0	0	0	-0.41	-0.42	0	0	0	0	0
4/2/2023 1:47	56801 BENV_T1	25	35	10	0.72	0.58	-0.14	-0.24	-0.24	0	0	0	0	0
4/2/2023 1:47	53501 EVIL_T2	19	19	0	1.08	0.97	-0.11	-0.82	-0.86	0	0	0	0	0
4/2/2023 1:49	59101 WALK_T2	0	0	0	0	0	0	1.57	1.68	0	0	0	0	0
4/2/2023 1:50	59101 WALK_T2	0	0	0	0	0	0	0.79	0.84	0	0	0	0	0
4/2/2023 1:52	58402 MORO_T1	0	0	0	0	0	0	-1.07	-1.04	1	1	0	900	900
4/2/2023 1:55	56801 BENV_T1	25	35	10	0.72	0.58	-0.14	-0.24	-0.26	0	0	0	0	0
4/2/2023 2:00	53501 EVIL_T2	16	41	25	1.07	0.86	-0.21	-0.86	-0.82	0	0	0	0	0
4/2/2023 2:01	44902 SCOT_T2	24	19	-5	0.11	0.11	0	0	0	0	0	0	0	0
4/2/2023 2:06	48902 FOSP_T2	0	0	0	0	0	0	-0.32	-0.39	0	0	0	0	0
4/2/2023 2:14	44902 SCOT_T2	24	19	-5	0.11	0.11	0	0	0	0	0	0	0	0
4/2/2023 2:16	64101 REFR_T1	0	0	0	0	0	0	-0.01	-0.01	0	0	0	0	0
4/2/2023 2:17	48902 FOSP_T2	0	0	0	0	0	0	-0.32	-0.39	0	0	0	0	0
4/2/2023 2:23	58402 MORO_T1	0	0	0	0	0	0	-1.01	-1.05	1	1	0	900	900
4/2/2023 2:26	48902 FOSP_T2	0	0	0	0	0	0	-0.39	-0.37	0	0	0	0	0
4/2/2023 2:34	40502 CRES_T2	0	0	0	0	0	0	0.37	0.41	0	0	0	0	0
4/2/2023 2:34	67502 WEWI_T2	0	0	0	0	0	0	-1.69	-1.69	1	1	0	900	900
4/2/2023 2:40	20801 LOPO_T1	0	0	0	0	0	0	0.09	0.11	0	0	0	0	0
4/2/2023 2:46	67502 WEWI_T2	0	0	0	0	0	0	-1.69	-1.69	1	1	0	900	900
4/2/2023 2:49	20801 LOPO_T1	0	0	0	0	0	0	0.11	0.11	0	0	0	0	0
4/2/2023 2:58	44901 SCOT_T2	40	24	-16	0.16	0.19	0.03	-0.44	-0.5	0	0	0	0	0
4/2/2023 3:07	56803 BENV_T1	4	10	6	0.43	0.31	-0.12	0	0	0	0	0	0	0
4/2/2023 3:16	47401 PENS_T1	0	0	0	0	0	0	0.41	0.43	0	0	0	0	0
4/2/2023 3:19	47401 PENS_T1	0	0	0	0	0	0	0.43	0.43	0	0	0	0	0
4/2/2023 3:20	56803 BENV_T1	10	8	-2	0.25	0.33	0.08	0	0	0	0	0	0	0
4/2/2023 3:21	44901 SCOT_T2	12	4	-8	0.18	0.1	-0.08	-0.47	-0.42	0	0	0	0	0
4/2/2023 3:22	61303 EARL_T1	0	0	0	0	0	0	-0.1	-0.1	0	0	0	0	0
4/2/2023 3:26	42802 SELI_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
4/2/2023 3:27	53501 EVIL_T2	16	16	0	0.71	0.94	0.23	-0.81	-0.72	0	0	0	0	0
4/2/2023 3:29	44902 SCOT_T2	1	0	-1	0.1	0	-0.1	0	0	0	0	0	0	0
4/2/2023 3:40	20801 LOPO_T1	0	0	0	0	0	0	0.11	0.09	0	0	0	0	0
4/2/2023 4:14	67502 WEWI_T2	0	0	0	0	0	0	-1.66	-1.62	1	1	0	900	900
4/2/2023 4:15	42802 SELI_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
4/2/2023 4:24	65604 QVIL_T2	0	0	0	0	0	0	0.2	0.22	0	0	0	0	0
4/2/2023 8:31	48902 FOSP_T2	0	0	0	0	0	0	-0.37	-0.29	0	0	0	0	0
4/2/2023 10:00	61302 EARL_T1	1	1	0	0.9	1.2	0.3	0	0	0	0	0	0	0
4/2/2023 10:00	42802 SELI_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
4/2/2023 10:00	64101 REFR_T1	0	0	0	0	0	0	-0.29	-0.37	0	0	0	0	0
4/2/2023 10:00	52503 PROG_T2	1	0	-1	0.3	0	-0.3	-0.66	-0.68	1	1	0	900	900
4/2/2023 10:00	42701 AUGU_T1	0	0	0	0	0	0	0	0	1	1	0	600	600
4/2/2023 10:00	67502 WEWI_T2	1	5	4	1.3	0.5	-0.8	-1.53	-1.48	1	1	0	900	900
4/2/2023 10:00	45902 AUBU_T1	0	0	0	0	0	0	-0.64	-0.62	0	0	0	0	0
4/2/2023 10:00	46302 ROHR_T1	2	4	2	0.2	0.67	0.47	-0.39	-0.43	0	0	0	0	0
4/2/2023 10:00	59102 WALK_T2	1	1	0	0.2	0.2	0	0	0	0	0	0	0	0
4/2/2023 10:00	16902 MECK_T1	0	0	0	0	0	0	0.14	0.13	0	0	0	0	0
4/2/2023 10:00	29402 BELT_T1	1	44	43	0.1	0.29	0.19	0	0	0	0	0	0	0
4/2/2023 10:00	41902 REID_T1	0	0	0	0	0	0	0.88	0.85	0	0	0	0	0
4/2/2023 10:00	47403 PENS_T1	0	1	1	0	0.1	0.1	0	0	0	0	0	0	0
4/2/2023 10:00	56801 BENV_T1	31	38	7	0.95	0.93	-0.02	-2.25	-2.25	3	3	0	1800	1800
4/2/2023 10:00	20801 LOPO_T1	0	0	0	0	0	0	0.17	0.17	0	0	0	0	0
4/2/2023 10:00	56601 HAMP_T1	0	0	0	0	0	0	-0.19	-0.11	0	0	0	0	0
4/2/2023 10:00	51604 DUKE_T2	11	22	11	0.27	0.26	-0.01	-3.37	-3.37	2	2	0	1800	1800
4/2/2023 10:00	64801 MONE_T2	1	1	0	0.2	0.8	0.6	0.24	0.22	0	0	0	0	0
4/2/2023 10:00	53501 EVIL_T2	10	14	4	1.21	1.07	-0.14	-3.36	-3.36	0	0	0	0	0
4/2/2023 10:00	23401 HONE_T2	1	2	1	0.1	0.3	0.2	0.05	0.06	0	0	0	0	0
4/2/2023 10:00	65604 QVIL_T2	0	0	0	0	0	0	0.62	0.6	0	0	0	0	0
4/2/2023 10:00	17501 FACT_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
4/2/2023 10:00	44901 SCOT_T2	12	21	9	0.23	0.19	-0.04	-1.5	-0.94	0	0	0	0	0
4/2/2023 10:00	48902 FOSP_T2	0	0	0	0	0	0	-0.96	-0.9	0	0	0	0	0
4/2/2023 10:00	40502 CRES_T2	0	0	0	0	0	0	0	-0.02	0	0	0	0	0
4/2/2023 10:00	12604 MACA_T1	0	0	0	0	0	0	0.34	0.35	0	0	0	0	0
4/2/2023 10:52	60803 BUCK_T1	3	2	-1	0.17	0.5	0.33	-0.89	-0.9	1	1	0	600	600
4/2/2023 11:00	43401 BENT_T1	9	9	0	1.38	0	-1.38	0	0	0	0	0	0	0
4/2/2023 11:10	44901 SCOT_T2	25	8	-17	0.22	0.16	-0.06	-0.38	-0.37	0	0	0	0	0
4/2/2023 11:10	64101 REFR_T1	0	2	2	0	0.45	0.45	-0.16	-0.15	0	0	0	0	0
4/2/2023 11:23	45303 WBER_T2	0	0	0	0	0	0	-0.36	-0.4	0	0	0	0	0
4/2/2023 11:43	46302 ROHR_T1	3	5	2	0.27	0.63	0.36	0.19	0.18	0	0	0	0	0
4/2/2023 11:45	67502 WEWI_T2	5	7	2	0.56	0.41	-0.15	-1.48	-1.46	1	1	0	900	900
4/2/2023 11:55	40505 CRES_T1	1	0	-1	0.1	0	-0.1	0.26	0.26	0	0	0	0	0
4/2/2023 12:04	65604 QVIL_T2	0	0	0	0	0	0	0.28	0.3	0	0	0	0	0
4/2/2023 12:37	59101 WALK_T2	0	1	1	0	0.1	0.1	1.01	0.96	0	0	0	0	0
4/2/2023 12:43	15001 BLMO_T1	3	3	0	0.5	0.67	0.17	0	0	0	0	0	0	0
4/2/2023 12:47	64101 REFR_T1	4	6	2	0.4	0.53	0.13	-0.15	-0.21	0	0	0	0	0
4/2/2023 12:59	64101 REFR_T1	4	6	2	0.4	0.53	0.13	-0.21	-0.15	0	0	0	0	0
4/2/2023 13:07	64101 REFR_T1	5	5	0	0.56	0.58	0.02	-0.15	-0.17	0	0	0	0	0
4/2/2023 13:14	45003 LIME_2	2	2	0	2.25	2.45	0.2	0	0	1	1	0	1200	1200
4/2/2023 13:14	40901 JESH_T1	1	1	0	0.5	0.2	-0.3	0	0	0	0	0	0	0
4/2/2023 13:18	66702 STRA_T1	1	1	0	0.3	0.3	0	0	0	0	0	0	0	0
4/2/2023 13:26	54504 ENOL_T2	1	1	0	0.7	0.9	0.2	0	0	0	0	0	0	0
4/2/2023 13:36	48901 FOSP_T2	1	1	0	0.2	0.3	0.1	0	0	0	0	0	0	0
4/2/2023 13:37	51604 DUKE_T2	28	6	-22	0.33	0.43	0.1	-1.71	-0.63	1	0	-1	900	0 -900
4/2/2023 13:44	61302 EARL_T1	2	4	2	0.9	0.73	-0.17	0	0	0	0	0	0	0
4/2/2023 13:45	48901 FOSP_T2	1	1	0	0.2	0.3	0.1	0	0	0	0	0	0	0
4/2/2023 13:54	61302 EARL_T1	4	4	0	0.6	0.8	0.2	0	0	0	0	0	0	0
4/2/2023 13:54	20801 LOPO_T1	0	2	2	0	0.25	0.25	0.16	0.13	0	0	0	0	0
4/2/2023 14:11	20801 LOPO_T1	2	1	-1	0.25	0.2	-0.05	0.13	0.16	0	0	0	0	0
4/2/2023 14:34	45902 AUBU_T1	3	4	1	0.3	0.28	-0.02	-0.43	-0.44	0	0	0	0	0
4/2/2023 14:35	23401 HONE_T2	4	5	1	0.98	1	0.02	-0.03	0	0	0	0	0	0
4/2/2023 14:40	45901 AUBU_T1	3	2	-1	0.27	0.45	0.18	0	0	0	0	0	0	0
4/2/2023 14:44	61303 EARL_T1	1	1	0	0.1	0.2	0.1	0.05	0.05	0	0	0	0	0
4/2/2023 15:12	51107 CARL_T1	38	40	2	0.27	0.27	0	-1.66	-1.69	0	0	0	0	0
4/2/2023 15:14	20801 LOPO_T1	0	0	0	0	0	0	0.13	0.13	0	0	0	0	0
4/2/2023 15:20	51109 CARL_T1	1	1	0	0.4	0.2	-0.2	0	0	0	0	0	0	0
4/2/2023 15:34	45901 AUBU_T1	1	1	0	0.3	0.3	0	0	0	0	0	0	0	0
4/2/2023 15:42	53501 EVIL_T2	15	18	3	0.23	0.33	0.1	-0.81	-0.81	0	0	0	0	0
4/2/2023 16:02	53501 EVIL_T2	14	16	2	0.33	0.28	-0.05	-0.81	-0.8	0	0	0	0	0
4/2/2023 16:11	58402 MORO_T1	0	0	0	0	0	0	-1.08	-1.09	1	1	0	900	900
4/2/2023 16:26	67503 WEWI_T2	0	0	0	0	0	0	-0.44	-0.46	0	0	0	0	0
4/2/2023 16:36	48902 FOSP_T2	1	0	-1	0.1	0	-0.1	-0.29	-0.35	0	0	0	0	0
4/2/2023 16:41	61801 EEU_T2	0	0	0	0	0	0	-0.98	-0.88	0	0	0	0	0
4/2/2023 16:45	48902 FOSP_T2	0	0	0	0	0	0	-0.29	-0.35	0	0	0	0	0
4/2/2023 16:56	48902 FOSP_T2	0	0	0	0	0	0	-0.35	-0.33	0	0	0	0	0
4/2/2023 18:04	65604 QVIL_T2	0	0	0	0	0	0	0.26	0.24	0	0	0	0	0
4/2/2023 18:32	60803 BUCK_T1	1	1	0	0.4	0	-0.4	-0.92	-0.89	1	1	0	600	600
4/2/2023 18:47	45901 AUBU_T1	0	0	0	0	0	0	0.9	0.9	0	0	0	0	0
4/2/2023 20:18	20801 LOPO_T1	0	0	0	0	0	0	0.17	0.2	0	0	0	0	0
4/2/2023 20:19	20801 LOPO_T1	0	0	0	0	0	0	0.2	0.18	0	0	0	0	0
4/2/2023 20:41	44901 SCOT_T2	16	31	15	0.18	0.18	0	-0.58	-0.59	0	0	0	0	0
4/2/2023 20:42	44901 SCOT_T2	16	31	15	0.18	0.18	0	-0.58	-0.59	0	0	0	0	0
4/2/2023 21:02	65604 QVIL_T2	0	0	0	0	0	0	0.25	0.26	0	0	0	0	0
4/2/2023 21:20	65604 QVIL_T2	0	0	0	0	0	0	0.3	0.26	0	0	0	0	0
4/2/2023 21:23	67502 WEWI_T2	0	0	0	0	0	0	-1.51	-1.51	1	1	0	900	900
4/2/2023 21:26	47401 PENS_T1	0	0	0	0	0	0	0.58	0.59	0	0	0	0	0
4/2/2023 21:37	51102 CARL_T1	106	98	-8	0.32	0.27	-0.05	0	0	0	0	0	0	0
4/2/2023 21:39	53501 EVIL_T2	0	8	8	0	0.29	0.29	-0.7	-0.76	0	0	0	0	0
4/2/2023 21:40	47401 PENS_T1	0	0	0	0	0	0	0.59	0.6	0	0	0	0	0
4/2/2023 21:45	64101 REFR_T1	0	0	0	0	0	0	-0.2	-0.21	0	0	0	0	0
4/2/2023 21:46	15001 BLMO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
4/2/2023 21:50	45901 AUBU_T1	0	0	0	0	0	0	0.96	0.89	0	0	0	0	0
4/2/2023 21:51	53501 EVIL_T2	1	8	7	0.2	0.29	0.09	-0.76	-0.79	0	0	0	0	0
4/2/2023 21:55	45901 AUBU_T1	0	0	0	0	0	0	0.96	0.89	0	0	0	0	0
4/2/2023 21:56	42802 SELI_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
4/2/2023 22:00	40505 CRES_T1	0	0	0	0	0	0	0.36	0.39	0	0	0	0	0
4/2/2023 22:00	43402 BENT_T1	0	3	3	0	0.13	0.13	-0.92	-0.93	1	1	0	900	900
4/2/2023 22:07	53501 EVIL_T2	8	6	-2	0.29	0.22	-0.07	-0.79	-0.72	0	0	0	0	0
4/2/2023 22:09	44902 SCOT_T2	507	700	193	0.32	0.42	0.1	0	0	0	0	0	0	0
4/2/2023 22:09	64101 REFR_T1	0	0	0	0	0	0	-0.13	-0.17	0	0	0	0	0
4/2/2023 22:14	56803 BENV_T1	9	14	5	0.37	0.36	-0.01	0	0	0	0	0	0	0
4/2/2023 22:16	66703 STRA_T1	1	5	4	0.3	0.32	0.02	-0.5	-0.48	0	0	0	0	0
4/2/2023 22:18	46302 ROHR_T1	2	3	1	0.4	0.73	0.33	0.2	0.18	0	0	0	0	0
4/2/2023 22:18	58402 MORO_T1	0	0	0	0	0	0	-1.57	-1.6	2	2	0	1500	1500
4/2/2023 22:19	54501 ENOL_T2	2	4	2	0.1	0.15	0.05	-0.57	-0.52	1	1	0	600	600
4/2/2023 22:20	53501 EVIL_T2	3	9	6	0.13	0.4	0.27	-0.72	-0.73	0	0	0	0	0
4/2/2023 22:21	45001 LIME_2	7	3	-4	0.11	0.13	0.02	0	0	0	0	0	0	0
4/2/2023 22:21	40902 JESH_T1	1	1	0	0	0	0	-0.37	-0.44	1	1	0	600	600
4/2/2023 22:22	51101 CARL_T1	15	45	30	0.15	0.16	0.01	0	0	0	0	0	0	0
4/2/2023 22:22	61303 EARL_T1	0	0	0	0	0	0	-0.09	-0.09	0	0	0	0	0
4/2/2023 22:22	59101 WALK_T2	0	0	0	0	0	0	0.78	0.89	0	0	0	0	0
4/2/2023 22:27	53501 EVIL_T2	3	9	6	0.13	0.4	0.27	-0.72	-0.73	0	0	0	0	0
4/2/2023 22:34	44901 SCOT_T2	296	385	89	0.38	0.42	0.04	-0.57	-0.58	0	0	0	0	0
4/2/2023 22:37	67502 WEWI_T2	2	39	37	0.15	0.16	0.01	0	0	0	0	0	0	0
4/2/2023 22:40	48902 FOSP_T2	0	0	0	0	0	0	-0.36	-0.34	0	0	0	0	0
4/2/2023 22:40	65602 QVIL_T2	31	37	6	0.16	0.21	0.05	0	0	0	0	0	0	0
4/2/2023 22:41	61801 EEU_T2	0	1	1	0	0.3	0.3	-1.88	-1.94	2	2	0	1200	1200
4/2/2023 22:47	45303 WBER_T2	0	0	0	0	0	0	-0.36	-0.39	0	0	0	0	0
4/2/2023 22:54	23401 HONE_T2	1	1	0	0.4	0.6	0.2	0.03	0	0	0	0	0	0
4/2/2023 22:58	20801 LOPO_T1	0	0	0	0	0	0	0.18	0.14	0	0	0	0	0
4/2/2023 23:14	45902 AUBU_T1	0	0	0	0	0	0	-0.34	-0.37	0	0	0	0	0
4/2/2023 23:41	44901 SCOT_T2	191	186	-5	0.27	0.26	-0.01	-0.37	-0.38	0	0	0	0	0
4/3/2023 0:02	65604 QVIL_T2	0	1	1	0	0	0	0.21	0.25	0	0	0	0	0
4/3/2023 0:26	47403 PENS_T1	1	0	-1	2.4	0	-2.4	0	0	0	0	0	0	0
4/3/2023 0:28	53501 EVIL_T2	1	7	6	0.2	0.21	0.01	-1.38	-1.4	0	0	0	0	0
4/3/2023 0:28	48902 FOSP_T2	0	0	0	0	0	0	-0.4	-0.38	0	0	0	0	0
4/3/2023 0:28	54505 ENOL_T2	1	1	0	0.3	0.4	0.1	0	0	0	0	0	0	0
4/3/2023 0:28	43401 BENT_T1	0	1	1	0	0	0	0	0	0	0	0	0	0
4/3/2023 0:28	40505 CRES_T1	0	0	0	0	0	0	0.36	0.37	0	0	0	0	0
4/3/2023 0:28	46301 ROHR_T1	0	1	1	0	0	0	0	0	0	0	0	0	0
4/3/2023 0:28	45003 LIME_2	1	2	1	4	2.6	-1.4	0	0	1	1	0	1200	1200
4/3/2023 0:28	44901 SCOT_T2	0	0	0	0	0	0	-1.67	-1.65	0	0	0	0	0
4/3/2023 0:28	40902 JESH_T1	1	1	0	0	0	0	-0.47	-0.49	1	1	0	600	600
4/3/2023 0:28	64101 REFR_T1	0	0	0	0	0	0	0.03	-0.01	0	0	0	0	0
4/3/2023 0:28	61801 EEU_T2	0	0	0	0	0	0	-0.94	-0.94	0	0	0	0	0
4/3/2023 0:28	67503 WEWI_T2	0	0	0	0	0	0	-0.44	-0.45	0	0	0	0	0
4/3/2023 0:28	65604 QVIL_T2	1	1	0	0.1	0	-0.1	0.44	0.48	0	0	0	0	0
4/3/2023 0:28	42802 SELI_T1	0	1	1	0	0.3	0.3	0	0	0	0	0	0	0
4/3/2023 0:28	45303 WBER_T2	0	0	0	0	0	0	-0.41	-0.4	0	0	0	0	0
4/3/2023 0:28	59101 WALK_T2	0	0	0	0	0	0

Appendix C - Grid Benefits Achieved in Each Instance of Active Management

4/3/2023 1:34	44901 SCOT_T2	0	0	0	0	0	0	-0.58	-0.57	0	0	0	0	0	0
4/3/2023 1:35	54501 ENOL_T2	0	0	0	0	0	0	-0.54	-0.59	1	1	0	600	600	0
4/3/2023 1:36	53501 EVIL_T2	1	1	0	0.1	0.5	0.4	-0.67	-0.64	0	0	0	0	0	0
4/3/2023 1:36	45001 LIME_2	24	9	-15	0.23	0.12	-0.11	0	0	0	0	0	0	0	0
4/3/2023 1:37	67503 WEWI_T2	0	0	0	0	0	0	-0.44	-0.38	0	0	0	0	0	0
4/3/2023 1:40	65602 QVIL_T2	4	0	-4	3.83	0	-3.83	0	0	0	0	0	0	0	0
4/3/2023 1:40	48902 FOSP_T2	0	0	0	0	0	0	-0.38	-0.35	0	0	0	0	0	0
4/3/2023 1:41	61801 EELI_T2	0	0	0	0	0	0	-0.86	-0.88	0	0	0	0	0	0
4/3/2023 1:46	61801 EELI_T2	0	0	0	0	0	0	-0.86	-0.88	0	0	0	0	0	0
4/3/2023 1:47	45303 WBER_T2	0	0	0	0	0	0	-0.43	-0.39	0	0	0	0	0	0
4/3/2023 1:48	44901 SCOT_T2	0	0	0	0	0	0	-0.58	-0.57	0	0	0	0	0	0
4/3/2023 1:50	67503 WEWI_T2	0	0	0	0	0	0	-0.38	-0.42	0	0	0	0	0	0
4/3/2023 1:50	48902 FOSP_T2	0	0	0	0	0	0	-0.35	-0.37	0	0	0	0	0	0
4/3/2023 1:52	45303 WBER_T2	0	0	0	0	0	0	-0.39	-0.42	0	0	0	0	0	0
4/3/2023 1:58	65604 QVIL_T2	0	1	1	0	0	0	0.24	0.24	0	0	0	0	0	0
4/3/2023 2:01	44901 SCOT_T2	0	0	0	0	0	0	-0.57	-0.59	0	0	0	0	0	0
4/3/2023 2:07	53501 EVIL_T2	1	2	1	0.5	0.4	-0.1	-0.64	-0.63	0	0	0	0	0	0
4/3/2023 2:14	56801 BENV_T1	7	6	-1	0.3	0.27	-0.03	-0.14	-0.14	0	0	0	0	0	0
4/3/2023 2:14	44901 SCOT_T2	0	0	0	0	0	0	-0.59	-0.58	0	0	0	0	0	0
4/3/2023 2:16	42802 SELI_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
4/3/2023 2:19	53501 EVIL_T2	2	1	-1	0.4	0.3	-0.1	-0.63	-0.63	0	0	0	0	0	0
4/3/2023 2:20	53501 EVIL_T2	2	1	-1	0.4	0.3	-0.1	-0.63	-0.63	0	0	0	0	0	0
4/3/2023 2:20	43402 BENT_T1	0	0	0	0	0	0	-0.94	-0.96	1	1	0	900	900	0
4/3/2023 2:20	65604 QVIL_T2	1	7	6	0.2	0.2	0	0.26	0.27	0	0	0	0	0	0
4/3/2023 2:21	40901 JESH_T1	1	1	0	0.2	0.2	0	0	0	0	0	0	0	0	0
4/3/2023 2:26	47401 PENS_T1	0	0	0	0	0	0	0.44	0.42	0	0	0	0	0	0
4/3/2023 2:26	15001 BLMO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
4/3/2023 2:29	44901 SCOT_T2	0	0	0	0	0	0	-0.58	-0.55	0	0	0	0	0	0
4/3/2023 2:29	64101 REFR_T1	0	0	0	0	0	0	0.03	-0.01	0	0	0	0	0	0
4/3/2023 2:41	45003 LIME_2	1	1	0	3.9	4.1	0.2	0	0	1	1	0	1200	1200	0
4/3/2023 2:47	45303 WBER_T2	0	0	0	0	0	0	-0.4	-0.41	0	0	0	0	0	0
4/3/2023 2:57	67503 WEWI_T2	0	0	0	0	0	0	-0.38	-0.39	0	0	0	0	0	0
4/3/2023 2:59	54505 ENOL_T2	1	1	0	0.1	0.2	0.1	0	0	0	0	0	0	0	0
4/3/2023 3:02	65604 QVIL_T2	0	0	0	0	0	0	0.26	0.25	0	0	0	0	0	0
4/3/2023 3:20	40505 CRES_T1	0	0	0	0	0	0	0.39	0.38	0	0	0	0	0	0
4/3/2023 3:21	65604 QVIL_T2	0	0	0	0	0	0	0.27	0.26	0	0	0	0	0	0
4/3/2023 3:22	65604 QVIL_T2	0	0	0	0	0	0	0.27	0.26	0	0	0	0	0	0
4/3/2023 3:50	45901 AUBU_T1	0	0	0	0	0	0	1.12	1.28	0	0	0	0	0	0
4/3/2023 4:02	59101 WALK_T2	0	0	0	0	0	0	0.9	0.72	0	0	0	0	0	0
4/3/2023 4:21	61801 EELI_T2	0	0	0	0	0	0	-1.54	-1.54	2	2	0	1200	1200	0
4/3/2023 4:40	48902 FOSP_T2	0	0	0	0	0	0	-0.36	-0.37	0	0	0	0	0	0
4/3/2023 4:51	48902 FOSP_T2	0	0	0	0	0	0	-0.37	-0.22	0	0	0	0	0	0
4/3/2023 6:00	48902 FOSP_T2	0	0	0	0	0	0	-0.21	-0.05	0	0	0	0	0	0
4/3/2023 10:00	67503 WEWI_T2	4	4	0	0.2	0.28	0.08	-0.38	-0.36	0	0	0	0	0	0
4/3/2023 10:00	58402 MORO_T1	0	0	0	0	0	0	-1.07	-1.08	2	2	0	1500	1500	0
4/3/2023 10:00	66703 STRA_T1	11	43	32	0.43	0.24	-0.19	-0.13	-0.08	0	0	0	0	0	0
4/3/2023 10:00	67502 WEWI_T2	1	14	13	1.3	0.36	-0.94	-0.1	-0.15	0	0	0	0	0	0
4/3/2023 10:00	40504 CRES_T1	36	55	19	0.33	0.31	-0.02	0	0	0	0	0	0	0	0
4/3/2023 10:00	48902 FOSP_T2	0	0	0	0	0	0	0.56	0.41	0	0	0	0	0	0
4/3/2023 10:00	54504 ENOL_T2	1	1	0	0.6	0.7	0.1	0	0	0	0	0	0	0	0
4/3/2023 10:00	20802 LOPO_T1	0	1	1	0	0.1	0.1	0	0	0	0	0	0	0	0
4/3/2023 10:00	64802 MONE_T2	1	6	5	0.1	0.3	0.2	0	0	0	0	0	0	0	0
4/3/2023 10:00	56801 BENV_T1	52	54	2	1.11	1.05	-0.06	-0.08	-0.08	0	0	0	0	0	0
4/3/2023 10:00	40901 JESH_T1	1	1	0	0.2	0.2	0	0	0	0	0	0	0	0	0
4/3/2023 10:00	12605 MACA_T1	0	1	1	0	0.2	0.2	0	0	0	0	0	0	0	0
4/3/2023 10:00	23401 HONE_T2	1	1	0	0.5	0.4	-0.1	-0.27	-0.26	0	0	0	0	0	0
4/3/2023 10:00	51108 CARL_T1	3	6	3	0.43	0.32	-0.11	0	0	0	0	0	0	0	0
4/3/2023 10:00	59102 WALK_T2	3	4	1	0.37	0.6	0.23	0	0	0	0	0	0	0	0
4/3/2023 10:00	61303 EARL_T1	0	0	0	0	0	0	0.72	0.72	0	0	0	0	0	0
4/3/2023 10:00	52503 PROG_T2	0	0	0	0	0	0	-0.62	-0.63	1	1	0	900	900	0
4/3/2023 10:00	47402 PENS_T1	0	1	1	0	0	0	0	0	0	0	0	0	0	0
4/3/2023 10:00	61801 EELI_T2	1	2	1	0.6	0.4	-0.2	-0.62	-0.62	0	0	0	0	0	0
4/3/2023 10:00	65602 QVIL_T2	45	46	1	0.96	1.31	0.35	0	0	0	0	0	0	0	0
4/3/2023 10:00	53501 EVIL_T2	6	7	1	0.65	0.71	0.06	-1.5	-1.63	3	3	0	1800	1800	0
4/3/2023 10:00	44901 SCOT_T2	0	0	0	0	0	0	0.01	0.02	0	0	0	0	0	0
4/3/2023 10:00	56601 HAMP_T1	1	0	-1	0.2	0	-0.2	-0.21	-0.14	0	0	0	0	0	0
4/3/2023 10:00	45902 AUBU_T1	0	0	0	0	0	0	-0.35	-0.37	1	1	0	600	600	0
4/3/2023 10:00	51604 DUKE_T2	15	20	5	0.2	0.26	0.06	-3.39	-3.37	2	2	0	1800	1800	0
4/3/2023 10:00	64101 REFR_T1	0	0	0	0	0	0	0.13	0.06	0	0	0	0	0	0
4/3/2023 10:00	45901 AUBU_T1	0	1	1	0	0.2	0.2	1.37	1.41	0	0	0	0	0	0
4/3/2023 10:00	46302 ROHR_T1	2	4	2	0.7	0.75	0.05	0.22	0.19	0	0	0	0	0	0
4/3/2023 11:07	51301 WIND_T1	228	375	147	0.3	0.31	0.01	0	0	0	0	0	0	0	0
4/3/2023 11:10	42802 SELI_T1	2	2	0	0.25	0.65	0.4	0	0	1	1	0	900	900	0
4/3/2023 11:22	45901 AUBU_T1	1	3	2	0.5	0.3	-0.2	1.42	1.39	0	0	0	0	0	0
4/3/2023 11:34	17501 FACT_T1	2	2	0	0.2	0.2	0	0	0	0	0	0	0	0	0
4/3/2023 11:43	42802 SELI_T1	2	4	2	0.65	0.6	-0.05	0	0	1	1	0	900	900	0
4/3/2023 12:32	47401 PENS_T1	5	1	-4	0.4	0.3	-0.1	1.13	1.03	0	0	0	0	0	0
4/3/2023 12:36	66503 SMAN_T2	1	1	0	0.1	0.2	0.1	0	0	0	0	0	0	0	0
4/3/2023 12:43	42201 SHEN_T2	4	4	0	0.6	1.13	0.53	-0.19	-0.17	1	1	0	600	600	0
4/3/2023 12:45	47403 PENS_T1	0	1	1	0	2.2	2.2	0	0	0	0	0	0	0	0
4/3/2023 12:50	53501 EVIL_T2	11	13	2	0.93	0.58	-0.35	-0.45	-0.43	1	1	0	600	600	0
4/3/2023 13:10	43402 BENT_T1	3	7	4	1	0.63	-0.37	-0.7	-0.71	1	1	0	900	900	0
4/3/2023 13:10	15001 BLMO_T1	10	7	-3	0.64	0.76	0.12	0	0	0	0	0	0	0	0
4/3/2023 13:10	10801 CHHI_T1	6	6	0	0.77	0.82	0.05	0.18	0.19	0	0	0	0	0	0
4/3/2023 13:16	64101 REFR_T1	1	2	1	0.2	0.4	0.2	0.04	0.04	0	0	0	0	0	0
4/3/2023 13:18	53501 EVIL_T2	10	16	6	0.59	0.94	0.35	-0.43	-0.48	1	1	0	600	600	0
4/3/2023 13:24	66701 STRA_T1	1	1	0	0.4	0.3	-0.1	0	0	0	0	0	0	0	0
4/3/2023 13:24	56801 BENV_T1	90	81	-9	1.09	1.16	0.07	-0.19	-0.2	0	0	0	0	0	0
4/3/2023 13:25	14801 TREI_T2	4	11	7	0.55	0.26	-0.29	0.19	0.21	0	0	0	0	0	0
4/3/2023 13:25	56803 BENV_T1	132	107	-25	0.3	0.34	0.04	0	0	0	0	0	0	0	0
4/3/2023 13:26	46302 ROHR_T1	4	5	1	1.25	0.86	-0.39	0.13	0.17	0	0	0	0	0	0
4/3/2023 13:27	60803 BUCK_T1	1	1	0	3	0.5	-2.5	-0.95	-0.98	1	1	0	600	600	0
4/3/2023 13:29	66701 STRA_T1	1	1	0	0.4	0.3	-0.1	0	0	0	0	0	0	0	0
4/3/2023 13:30	64801 MONE_T2	2	4	2	0.55	0.35	-0.2	0	0	0	0	0	0	0	0
4/3/2023 13:32	46301 ROHR_T1	1	3	2	0.2	0.33	0.13	0	0	0	0	0	0	0	0
4/3/2023 13:32	60801 BUCK_T1	35	43	8	0.26	0.29	0.03	0	0	0	0	0	0	0	0
4/3/2023 13:33	53501 EVIL_T2	16	18	2	0.71	1.02	0.31	-0.48	-0.57	1	1	0	600	600	0
4/3/2023 13:47	53501 EVIL_T2	16	20	4	0.93	1.09	0.16	-0.57	-0.53	1	1	0	600	600	0
4/3/2023 13:49	65601 QVIL_T2	1	2	1	0.2	0.45	0.25	0	0	0	0	0	0	0	0
4/3/2023 13:50	41902 REED_T1	1	1	0	0.4	0.3	-0.1	1	1.05	0	0	0	0	0	0
4/3/2023 14:01	65604 QVIL_T2	0	0	0	0	0	0	0.47	0.45	0	0	0	0	0	0
4/3/2023 14:04	67503 WEWI_T2	3	10	7	0.33	0.22	-0.11	0	0	0	0	0	0	0	0
4/3/2023 14:06	65601 QVIL_T2	2	2	0	0.3	0.45	0.15	0	0	0	0	0	0	0	0
4/3/2023 14:18	20801 LOPO_T1	0	0	0	0	0	0	0.09	0.09	0	0	0	0	0	0
4/3/2023 14:24	67502 WEWI_T2	159	159	0	0.28	0.28	0	-0.32	-0.24	0	0	0	0	0	0
4/3/2023 14:39	41802 GOCI_T2	1	1	0	0.5	0.5	0	0	0	0	0	0	0	0	0
4/3/2023 14:39	51303 WIND_T1	683	808	125	0.33	0.48	0.15	0	0	0	0	0	0	0	0
4/3/2023 15:04	66701 STRA_T1	1	1	0	0.2	1.1	0.9	0	0	0	0	0	0	0	0
4/3/2023 15:25	42701 AUGU_T1	1	0	-1	0.4	0	-0.4	0	0	1	1	0	600	600	0
4/3/2023 15:27	64101 REFR_T1	0	0	0	0	0	0	0.05	0.05	0	0	0	0	0	0
4/3/2023 15:32	47401 PENS_T1	0	0	0	0	0	0	0.85	0.85	0	0	0	0	0	0
4/3/2023 15:41	61303 EARL_T1	0	0	0	0	0	0	0.38	0.45	0	0	0	0	0	0
4/3/2023 15:44	47401 PENS_T1	0	0	0	0	0	0	0.85	0.82	0	0	0	0	0	0
4/3/2023 16:18	53501 EVIL_T2	17	11	-6	0.84	1.46	0.62	-1.31	-1.36	1	1	0	600	600	0
4/3/2023 16:21	56802 BENV_T2	42	54	12	0.15	0.16	0.01	-0.75	-0.8	0	0	0	0	0	0
4/3/2023 16:26	46302 ROHR_T1	3	3	0	1.47	1.6	0.13	0.13	0.09	0	0	0	0	0	0
4/3/2023 16:27	60801 BUCK_T1	112	179	67	0.31	0.7	0.39	0	0	0	0	0	0	0	0
4/3/2023 16:31	60801 BUCK_T1	85	184	99	0.28	0.71	0.43	0	0	0	0	0	0	0	0
4/3/2023 16:32	53501 EVIL_T2	11	10	-1	1.02	1.6	0.58	-1.36	-1.33	1	1	0	600	600	0
4/3/2023 16:33	67502 WEWI_T2	338	309	-29	0.26	0.21	-0.05	-0.5	-0.52	0	0	0	0	0	0
4/3/2023 16:41	51303 WIND_T1	784	808	24	0.45	0.5	0.05	0	0	0	0	0	0	0	0
4/3/2023 17:01	65604 QVIL_T2	0	0	0	0	0	0	0.24	0.25	0	0	0	0	0	0
4/3/2023 17:04	65604 QVIL_T2	0	0	0	0	0	0	0.25	0.25	0	0	0	0	0	0
4/3/2023 17:04	29402 BELT_T1	150	131	-19	1.62	1.44	-0.18	0	0	0	0	0	0	0	0
4/3/2023 17:18	53501 EVIL_T2	10	12	2	1.14	0.45	-0.69	-1.35	-1.35	1	1	0	600	600	0
4/3/2023 17:24	56801 BENV_T1	32	29	-3	0.94	0.77	-0.17	-0.2	-0.21	0	0	0	0	0	0
4/3/2023 17:41	65604 QVIL_T2	0	1	1	0	0	0	0.26	0.23	0	0	0	0	0	0
4/3/2023 17:44	42802 SELI_T1	0	0	0	0	0	0	0	0	1	1	0	900	900	0
4/3/2023 17:48	56803 BENV_T1	40	93	53	0.33	0.27	-0.06	0	0	0	0	0	0	0	0
4/3/2023 17:50	15001 BLMO_T1	0	4	4	0	0.1	0.1	0	0	0	0	0	0	0	0
4/3/2023 17:52	47401 PENS_T1	0	0	0	0	0	0	0.77	0.77	0	0	0	0	0	0
4/3/2023 18:15	56801 BENV_T1	26	25	-1	0.85	0.71	-0.14	-0.2	-0.22	0	0	0	0	0	0
4/3/2023 18:23	65604 QVIL_T2	0	1	1	0	0.2	0.2	0.23	0.23	0	0	0	0	0	0
4/3/2023 18:33	56501 ROCK_T2	3	3	0	0.57	0.5	-0.07	0	0	0	0	0	0	0	0
4/3/2023 18:37	16901 MECK_T1	17	5	-12	0.14	0.1	-0.04	0	0	0	0	0	0	0	0
4/3/2023 18:43	65602 QVIL_T2	44	45	1	1.35	1.64	0.29	0	0	0	0	0	0	0	0
4/3/2023 18:47	39601 LNFD_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
4/3/2023 18:47	60801 BUCK_T1	71	58	-13	0.43	0.47	0.04	0	0	0	0	0	0	0	0
4/3/2023 20:16	20801 LOPO_T1	0	0	0	0	0	0	0.13	0.13	0	0	0	0	0	0
4/3/2023 20:23	67502 WEWI_T2	0	0	0	0	0	0	-0.5	-0.54	0	0	0	0	0	0
4/3/2023 23:28	45902 AUBU_T1	0	0	0	0	0	0	-0.27	-0.25	0	0	0	0	0	0
4/3/2023 23:31	66505 SMAN_T2	0	0	0	0	0	0	-0.05	-0.05	1	1	0	900	900	0
4/3/2023 23:33	42802 SELI_T1	1	1	0	0.2	0.8	0.6	0	0	0	0	0	0	0	0
4/3/2023 23:35	41801 GOCI_T2	53	54	1	0.16	0.17	0.01	0	0	0	0	0	0	0	0
4/4/2023 0:23	65602 QVIL_T2	46	46	0	2.5	2.66	0.16	0	0	0	0	0	0	0	0
4/4/2023 0:28	51301 WIND_T1	3	3	0	1.17	1.1	-0.07	0	0	0	0	0	0	0	0
4/4/2023 0:28	67502 WEWI_T2	0	0	0	0	0	0	-1.67	-1.69	1	1	0	900	900	0
4/4/2023 0:28	66703 STRA_T1	0	0	0	0	0	0	-0.57	-0.52	0	0	0	0	0	0
4/4/2023 0:28	45902 AUBU_T1	0	0	0	0	0	0	-0.97	-0.97	1	1	0	600	600	0
4/4/2023 0:28	65604 QVIL_T2	0	0	0	0	0	0	0.15	0.16	0	0	0	0	0	0
4/4/2023 0:28	46302 ROHR_T1	3	3	0	1.03	1.13	0.1	0.06	0.04	0	0	0	0	0	0
4/4/2023 0:28	42802 SELI_T1	1	1	0	1	1.3	0.3	0	0	0	0	0	0	0	0
4/4/2023 0:28	41801 GOCI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
4/4/2023 0:28	41902 REED_T1	0	0	0	0	0	0	0.71	0.72	0	0	0	0	0	0
4/4/2023 0:28	42701 AUGU_T1	1	1	0	0.3	0.4	0.1	0	0	1	1	0	600	600	0
4/4/2023 0:31	47402 PENS_T1	0	1	1	0	0.7	0.7	0	0	0	0	0	0	0	0
4/4/2023 0:45	45901 AUBU_T1	0	0	0	0	0	0	1.25	1.27	0	0	0	0	0	0
4/4/2023 0:47	47401 PENS_T1	0	15	15	0	0.16	0.16	0.57	0.56	0	0	0	0	0	0
4/4/2023 0:51	61303 EARL_T1	0	0	0	0	0	0	-0.06	-0.1	0	0	0	0	0	0
4/4/2023 0:53	17501 FACT_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
4/4/2023 0:54	53502 EVIL_T2	0	1	1	0	0.1	0.1	0	0	0	0	0	0	0	0
4/4/2023 0:54	61303 EARL_T1	0	0	0	0	0	0	-0.06	-0.1	0	0	0	0	0	0
4/4/2023 0:56	64101 REFR_T1	0	0	0	0	0	0	-0.01	-0.01	0	0	0	0	0	0
4/4/2023 0:57	53501 EVIL_T2	17	21	4	1.15	1.14	-0.01	-0.71	-0.73	0	0	0	0	0	0
4/4/2023 0:58	53502 EVIL_T2	0	1	1	0	0.1	0.1	0	0	0	0	0	0	0	0
4/4/2023 1:03	45901 AUBU_T1	0	0	0	0	0	0	1.27	1.43	0	0	0	0	0	0
4/4/2023 1:04	56801 BENV_T1	40	43	3	1.07	1.13	0.06	-0.28	-0.31	0	0	0	0	0	0
4/4/2023 1:07	17501 FACT_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
4/4/2023 1:08	65604 QVIL_T2	0	1	1	0	6.9	6.9	0.16	0.15	0	0	0	0	0	0
4/4/2023 1:09	15001 BLMO_T1	4	4	0	0.28	0.28	0	0	0	0	0	0	0	0	0
4/4/2023 1:09	42802 SELI_T1	0	0	-1	0.2	0	-0.2	0	0	0	0	0	0	0	0
4/4/2023 1:10	64101 REFR_T1	0	0	0	0	0	0	-0.01	-0.01	0	0	0	0	0	0
4/4/2023 1:10	42802 SELI_T1	1	0	-1	0.2	0	-0.2	0	0	0	0	0	0	0	0
4/4/2023 1:10	43402 BENT_T1	0	0	0	0	0	0	-0.95	-0.96	1	1	0	900	900	0
4/4/2023 1:11	61303 EARL_T1	0	0	0	0	0	0	-0.1	-0.14	0	0	0	0	0	0
4/4/2023 1:14	15001 BLMO_T1	4	4	0	0.28	0.28	0	0	0	0	0	0	0	0	0
4/4/2023 1:14	53502 EVIL_T2	1	0	-1	0.1	0	-0.1	0	0	0	0	0	0	0	0
4/4/2023 1:15	64101 REFR_T1	0	0	0	0	0	0	-0.01	-0.01	0	0	0	0	0	0
4/4/2023 1:

Appendix C - Grid Benefits Achieved in Each Instance of Active Management

4/4/2023 10:00	14801 TREI_T2	3	55	52	0.47	0.18	-0.29	0.18	0.21	0	0	0	0	0	0
4/4/2023 10:00	64303 LINC_T1	1	1	0	0.4	0.5	0.1	0	0	0	0	0	0	0	0
4/4/2023 10:00	42802 SELI_T1	0	1	1	0	0.1	0.1	0	0	0	0	0	0	0	0
4/4/2023 10:00	66703 STRA_T1	73	191	118	0.22	0.29	0.07	-0.25	-0.25	1	0	0	0	0	0
4/4/2023 10:00	41901 REED_T1	1	1	0	0.1	0.2	0.1	0	0	0	0	0	0	0	0
4/4/2023 10:00	47403 PENS_T1	1	0	-1	1.2	0	-1.2	0	0	0	0	0	0	0	0
4/4/2023 10:00	12604 MACA_T1	0	0	0	0	0	0	0.24	0.24	0	0	0	0	0	0
4/4/2023 10:00	46302 ROHR_T1	1	3	2	1.9	0.8	-1.1	0.06	0.04	0	0	0	0	0	0
4/4/2023 10:00	61302 EARL_T1	0	1	1	0	0.7	0.7	0	0	0	0	0	0	0	0
4/4/2023 10:00	65602 QVIL_T2	46	46	0	1.61	1.65	0.04	0	0	0	0	0	0	0	0
4/4/2023 10:00	56802 BENV_T2	1	1	0	0.9	1	0.1	-0.78	-0.78	0	0	0	0	0	0
4/4/2023 10:00	40505 CRES_T1	0	0	0	0	0	0	0.27	0.24	0	0	0	0	0	0
4/4/2023 10:00	43802 SWIL_T1	0	0	0	0	0	0	-1.65	-1.67	1	1	0	600	600	0
4/4/2023 10:00	17501 FACT_T1	0	1	1	0	0.1	0.1	0	0	0	0	0	0	0	0
4/4/2023 10:00	29402 BELT_T1	189	246	57	1.21	1.16	-0.05	0	0	0	0	0	0	0	0
4/4/2023 10:00	52503 PROG_T2	1	0	-1	0.1	0	-0.1	-0.71	-0.75	1	1	0	900	900	0
4/4/2023 10:00	42701 AUGU_T1	0	0	0	0	0	0	0	0	1	1	0	600	600	0
4/4/2023 10:00	56803 BENV_T1	9	11	2	0.39	0.65	0.26	0	0	0	0	0	0	0	0
4/4/2023 10:00	67502 WEWI_T2	14	48	34	0.39	0.28	-0.11	-0.23	-0.23	0	0	0	0	0	0
4/4/2023 10:00	53501 EVIL_T2	2	3	1	0.55	0.33	-0.22	0.31	0.18	0	0	0	0	0	0
4/4/2023 10:00	64801 MONE_T2	3	5	2	0.4	0.42	0.02	0.2	0.2	0	0	0	0	0	0
4/4/2023 10:00	64101 REFR_T1	0	1	1	0	0.5	0.5	-0.41	-0.43	0	0	0	0	0	0
4/4/2023 10:00	42201 SHEN_T2	0	1	1	0	0.3	0.3	-0.25	-0.2	1	1	0	600	600	0
4/4/2023 10:00	15001 BLMO_T1	6	6	0	0.22	0.63	0.41	0	0	0	0	0	0	0	0
4/4/2023 10:00	20801 LOPO_T1	0	0	0	0	0	0	0.09	0.08	0	0	0	0	0	0
4/4/2023 10:00	43402 BENT_T1	0	1	1	0	0.3	0.3	-0.82	-0.76	1	1	0	900	900	0
4/4/2023 11:16	59101 WALK_T2	1	0	-1	0.3	0	-0.3	1.87	1.98	0	0	0	0	0	0
4/4/2023 11:27	45902 AUBU_T1	2	5	3	0.25	0.66	0.41	-0.61	-0.65	1	1	0	600	600	0
4/4/2023 11:31	42802 SELI_T1	1	2	1	0.3	0.6	0.3	0	0	0	0	0	0	0	0
4/4/2023 11:42	45902 AUBU_T1	5	5	0	0.58	0.64	0.06	-0.65	-0.59	1	1	0	600	600	0
4/4/2023 11:58	42802 SELI_T1	2	4	2	0.55	0.65	0.1	0	0	0	0	0	0	0	0
4/4/2023 12:18	51305 WIND_T1	123	131	8	0.34	0.33	-0.01	0	0	0	0	0	0	0	0
4/4/2023 12:23	65604 QVIL_T2	0	0	0	0	0	0	0.26	0.26	0	0	0	0	0	0
4/4/2023 12:26	65604 QVIL_T2	0	0	0	0	0	0	0.26	0.26	0	0	0	0	0	0
4/4/2023 12:47	45902 AUBU_T1	2	0	-2	0.15	0	-0.15	0	0	0	0	0	0	0	0
4/4/2023 12:47	64501 LAVI_T1	0	0	0	0	0	0	0	0	1	1	0	600	600	0
4/4/2023 12:54	17501 FACT_T1	2	2	0	0.2	0.45	0.25	0	0	0	0	0	0	0	0
4/4/2023 13:05	15001 BLMO_T1	9	9	0	0.77	0.73	-0.04	0	0	0	0	0	0	0	0
4/4/2023 13:10	17501 FACT_T1	2	2	0	0.25	0.45	0.2	0	0	0	0	0	0	0	0
4/4/2023 13:17	15001 BLMO_T1	9	9	0	0.73	0.68	-0.05	0	0	0	0	0	0	0	0
4/4/2023 13:18	42503 ALTA_T2	2	1	-1	2.65	3.4	0.75	0	0	0	0	0	0	0	0
4/4/2023 13:18	65603 QVIL_T2	0	0	0	0	0	0	-0.63	-0.53	0	0	0	0	0	0
4/4/2023 13:18	58402 MORO_T1	0	0	0	0	0	0	-1.22	-1.18	2	2	0	1500	1500	0
4/4/2023 13:18	42802 SELI_T1	2	2	0	0.5	0.55	0.05	0	0	0	0	0	0	0	0
4/4/2023 13:19	42802 SELI_T1	2	2	0	0.5	0.55	0.05	0	0	0	0	0	0	0	0
4/4/2023 13:19	66701 STRA_T1	1	1	0	1	1	0	0	0	0	0	0	0	0	0
4/4/2023 13:19	56801 BENV_T1	65	67	2	1.28	1.27	-0.01	-0.22	-0.23	0	0	0	0	0	0
4/4/2023 13:20	65601 QVIL_T2	2	1	-1	0.15	0.1	-0.05	0	0	0	0	0	0	0	0
4/4/2023 13:20	42701 AUGU_T1	1	0	-1	0.1	0	-0.1	0	0	1	1	0	600	600	0
4/4/2023 13:20	45902 AUBU_T1	0	3	3	0	0.5	0.5	-1.08	-1.37	2	2	0	1200	1200	0
4/4/2023 13:20	51301 WIND_T1	71	70	-1	0.45	0.44	-0.01	0	0	0	0	0	0	0	0
4/4/2023 13:20	60803 BUCK_T1	1	1	0	2.5	0.3	-2.2	-0.87	-0.94	1	1	0	600	600	0
4/4/2023 13:20	17501 FACT_T1	2	2	0	0.45	0.45	0	0	0	0	0	0	0	0	0
4/4/2023 13:21	57303 MOAL_T2	1	1	0	7	7	0	0	0	0	0	0	0	0	0
4/4/2023 13:26	67503 WEWI_T2	2	3	1	0.1	0.2	0.1	0	0	0	0	0	0	0	0
4/4/2023 13:29	46302 ROHR_T1	4	4	0	1.55	1.28	-0.27	0.07	0.08	0	0	0	0	0	0
4/4/2023 13:39	46301 ROHR_T1	1	0	-1	0.3	0	-0.3	0	0	0	0	0	0	0	0
4/4/2023 13:49	44503 HAMI_T2	0	1	1	0	0	0	0	0	0	0	0	0	0	0
4/4/2023 13:50	61801 EELI_T2	0	0	0	0	0	0	-0.61	-0.48	0	0	0	0	0	0
4/4/2023 14:01	65602 QVIL_T2	44	45	1	0.75	0.65	-0.1	0	0	0	0	0	0	0	0
4/4/2023 14:07	65604 QVIL_T2	0	0	0	0	0	0	0.31	0.3	0	0	0	0	0	0
4/4/2023 14:15	65604 QVIL_T2	0	0	0	0	0	0	0.62	0.59	0	0	0	0	0	0
4/4/2023 14:20	29402 BELT_T1	241	246	5	1.03	1.11	0.08	0	0	0	0	0	0	0	0
4/4/2023 14:22	29401 BELT_T1	7	6	-1	0.4	0.37	-0.03	0	0	0	0	0	0	0	0
4/4/2023 15:29	46302 ROHR_T1	4	5	1	1.35	1	-0.35	0.08	0.09	0	0	0	0	0	0
4/4/2023 16:21	65604 QVIL_T2	0	0	0	0	0	0	0.26	0.28	0	0	0	0	0	0
4/4/2023 16:27	65604 QVIL_T2	0	0	0	0	0	0	0.26	0.28	0	0	0	0	0	0
4/4/2023 16:40	29402 BELT_T1	145	138	-7	0.84	1.37	0.53	0	0	0	0	0	0	0	0
4/4/2023 16:45	15001 BLMO_T1	3	2	-1	0.2	0.1	-0.1	0	0	0	0	0	0	0	0
4/4/2023 19:11	16302 ALPA_T2	0	0	0	0	0	0	-0.62	-0.68	0	0	0	0	0	0
4/4/2023 19:28	20401 ASHF_T2	51	40	-11	0.28	0.24	-0.04	0	0	0	0	0	0	0	0
4/4/2023 19:31	60701 BREC_T1	0	0	0	0	0	0	0.48	0.5	0	0	0	0	0	0
4/4/2023 20:18	42501 ALTA_T2	9	11	2	0.2	0.57	0.37	0.01	0.01	1	1	0	600	600	0
4/4/2023 20:20	65602 QVIL_T2	0	4	4	0	0.1	0.1	0	0	0	0	0	0	0	0
4/4/2023 20:25	67502 WEWI_T2	2	1	-1	0.1	0.2	0.1	-1.37	-1.46	1	1	0	900	900	0
4/4/2023 21:05	64501 LAVI_T1	0	0	0	0	0	0	0	0	1	1	0	600	600	0
4/4/2023 21:08	42802 SELI_T1	0	1	1	0	0.6	0.6	0	0	1	1	0	900	900	0
4/4/2023 23:24	45902 AUBU_T1	0	0	0	0	0	0	-1.02	-1.01	1	1	0	600	600	0
4/5/2023 0:23	65604 QVIL_T2	0	0	0	0	0	0	0.14	0.12	0	0	0	0	0	0
4/5/2023 0:28	46302 ROHR_T1	3	3	0	1.87	1.57	-0.3	0	0	0	0	0	0	0	0
4/5/2023 0:28	65603 QVIL_T2	0	0	0	0	0	0	-0.81	-0.81	0	0	0	0	0	0
4/5/2023 0:28	65602 QVIL_T2	38	42	4	0.19	0.3	0.11	0	0	0	0	0	0	0	0
4/5/2023 0:28	41902 REED_T1	0	0	0	0	0	0	0.84	0.85	0	0	0	0	0	0
4/5/2023 0:28	15001 BLMO_T1	4	0	-4	0.1	0	-0.1	0	0	0	0	0	0	0	0
4/5/2023 0:28	29402 BELT_T1	82	181	99	0.73	1.03	0.3	0	0	0	0	0	0	0	0
4/5/2023 0:28	42802 SELI_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
4/5/2023 0:28	17501 FACT_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
4/5/2023 0:28	59101 WALK_T2	0	0	0	0	0	0	1.01	1.02	0	0	0	0	0	0
4/5/2023 0:28	60803 BUCK_T1	1	1	0	2.8	0	-2.8	-1.16	-1.16	1	1	0	600	600	0
4/5/2023 0:28	45902 AUBU_T1	0	0	0	0	0	0	-0.92	-0.97	1	1	0	600	600	0
4/5/2023 1:08	20401 ASHF_T2	2	2	0	0.2	0.3	0.1	0	0	0	0	0	0	0	0
4/5/2023 1:09	45901 AUBU_T1	0	0	0	0	0	0	1.79	1.83	0	0	0	0	0	0
4/5/2023 1:10	45901 AUBU_T1	0	0	0	0	0	0	1.79	1.83	0	0	0	0	0	0
4/5/2023 1:15	42701 AUGU_T1	1	0	-1	0.3	0	-0.3	0	0	1	1	0	600	600	0
4/5/2023 1:24	66703 STRA_T1	34	69	35	0.18	0.16	-0.02	-0.55	-0.52	0	0	0	0	0	0
4/5/2023 1:28	20401 ASHF_T2	2	6	4	0.25	0.2	-0.05	0	0	0	0	0	0	0	0
4/5/2023 1:34	42701 AUGU_T1	0	0	0	0	0	0	0	0	1	1	0	600	600	0
4/5/2023 1:37	58402 MORO_T1	0	0	0	0	0	0	-0.79	-0.79	1	1	0	900	900	0
4/5/2023 1:39	64802 MONE_T2	0	0	0	0	0	0	0.06	0.02	0	0	0	0	0	0
4/5/2023 1:42	66703 STRA_T1	67	28	-39	0.16	0.2	0.04	-0.52	-0.35	0	0	0	0	0	0
4/5/2023 1:43	57304 MOAL_T2	64	63	-1	0.74	0.6	-0.14	-0.64	-0.69	0	0	0	0	0	0
4/5/2023 1:47	64802 MONE_T2	0	0	0	0	0	0	0.06	0.02	0	0	0	0	0	0
4/5/2023 1:50	58402 MORO_T1	0	0	0	0	0	0	-0.79	-0.78	1	1	0	900	900	0
4/5/2023 1:52	56803 BENV_T1	15	11	-4	0.38	0.35	-0.03	0	0	0	0	0	0	0	0
4/5/2023 1:53	56803 BENV_T1	15	11	-4	0.38	0.35	-0.03	0	0	0	0	0	0	0	0
4/5/2023 1:57	57303 MOAL_T2	1	1	0	6.9	7.1	0.2	0	0	0	0	0	0	0	0
4/5/2023 1:57	42701 AUGU_T1	0	0	0	0	0	0	0	0	1	1	0	600	600	0
4/5/2023 1:58	44502 HAMI_T2	2	2	0	2.15	2.25	0.1	-1.12	-1.13	0	0	0	0	0	0
4/5/2023 1:59	42802 SELI_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
4/5/2023 2:05	44502 HAMI_T2	2	2	0	2.15	2.3	0.15	-1.13	-1.12	0	0	0	0	0	0
4/5/2023 2:08	61801 EELI_T2	2	2	0	0.3	0.2	-0.1	-1.9	-1.84	2	2	0	1200	1200	0
4/5/2023 2:12	42201 SHEN_T2	0	0	0	0	0	0	0.3	0.32	0	0	0	0	0	0
4/5/2023 2:14	16302 ALPA_T2	0	0	0	0	0	0	0.46	0.43	0	0	0	0	0	0
4/5/2023 2:18	42201 SHEN_T2	0	0	0	0	0	0	0.3	0.32	0	0	0	0	0	0
4/5/2023 2:31	16302 ALPA_T2	0	0	0	0	0	0	0.43	0.46	0	0	0	0	0	0
4/5/2023 2:54	16302 ALPA_T2	0	0	0	0	0	0	0.48	0.44	0	0	0	0	0	0
4/5/2023 4:03	57304 MOAL_T2	44	47	3	0.38	0.34	-0.04	-0.67	-0.7	0	0	0	0	0	0
4/5/2023 4:18	44502 HAMI_T2	1	1	0	3.9	3.8	-0.1	-1.12	-1.12	0	0	0	0	0	0
4/5/2023 4:24	66703 STRA_T1	161	15	-146	0.19	0.2	0.01	-0.55	-0.54	0	0	0	0	0	0
4/5/2023 4:28	20401 ASHF_T2	20	8	-12	0.24	0.26	0.02	0	0	0	0	0	0	0	0
4/5/2023 4:29	45901 AUBU_T1	0	0	0	0	0	0	1.58	1.62	0	0	0	0	0	0
4/5/2023 4:32	56801 BENV_T1	40	40	0	0.8	0.71	-0.09	-0.35	-0.35	0	0	0	0	0	0
4/5/2023 4:32	42201 SHEN_T2	0	0	0	0	0	0	0.31	0.29	0	0	0	0	0	0
4/5/2023 4:37	58402 MORO_T1	0	0	0	0	0	0	-0.91	-0.89	1	1	0	900	900	0
4/5/2023 4:39	64802 MONE_T2	0	0	0	0	0	0	0.03	0.03	0	0	0	0	0	0
4/5/2023 4:43	65602 QVIL_T2	37	40	3	0.24	0.24	0	0	0	0	0	0	0	0	0
4/5/2023 4:44	45902 AUBU_T1	0	0	0	0	0	0	-1.06	-1.02	1	1	0	600	600	0
4/5/2023 9:34	42802 SELI_T1	0	1	1	0	0.1	0.1	0	0	1	1	0	900	900	0
4/5/2023 10:00	51305 WIND_T1	86	78	-8	0.19	0.16	-0.03	0	0	0	0	0	0	0	0
4/5/2023 10:00	61801 EELI_T2	0	0	0	0	0	0	-0.71	-0.62	0	0	0	0	0	0
4/5/2023 10:00	57304 MOAL_T2	13	16	3	0.27	0.26	-0.01	-0.7	-0.67	0	0	0	0	0	0
4/5/2023 10:00	42802 SELI_T1	1	1	0	0.1	0.5	0.4	0	0	3	3	0	2700	2700	0
4/5/2023 10:00	58402 MORO_T1	0	0	0	0	0	0	-1.22	-1.2	2	2	0	1500	1500	0
4/5/2023 10:00	45902 AUBU_T1	0	0	0	0	0	0	-0.78	-0.95	2	2	0	1200	1200	0
4/5/2023 10:00	64802 MONE_T2	0	0	0	0	0	0	0.04	0.04	0	0	0	0	0	0
4/5/2023 10:00	64802 MONE_T2	0	0	0	0	0	0	0.04	0.04	0	0	0	0	0	0
4/5/2023 10:00	65603 QVIL_T2	0	0	0	0	0	0	-0.5	-0.49	0	0	0	0	0	0
4/5/2023 10:00	60701 BREC_T1	0	0	0	0	0	0	-0.11	0.39	1	1	0	600	600	0
4/5/2023 10:00	44502 HAMI_T2	1	1	0	2.3	2.4	0.1	-0.93	-0.92	0	0	0	0	0	0
4/5/2023 10:00	56801 BENV_T1	43	46	3	1.1	1.05	-0.05	-0.24	-0.24	0	0	0	0	0	0
4/5/2023 10:00	56601 HAMP_T1	0	0	0	0	0	0	-0.1	-0.11	0	0	0	0	0	0
4/5/2023 10:00	60801 BUCK_T1	162	175	13	0.47	0.56	0.09	0	0	0	0	0	0	0	0
4/5/2023 10:00	65604 QVIL_T2	0	0	0	0	0	0	1.41	1.47	0	0	0	0	0	0
4/5/2023 10:00	15001 BLMO_T1	4	4	0	0.28	0.58	0.3	0	0	0	0	0	0	0	0
4/5/2023 10:00	20401 ASHF_T2	0	0	0	0	0	0	0.53	0.71	0	0	0	0	0	0
4/5/2023 10:00	42201 SHEN_T2	0	0	0	0	0	0	-0.2	-0.19	1	1	0	600	600	0
4/5/2023 10:00	12604 MACA_T1	0	0	0	0	0	0	0.21	0.22	0	0	0	0	0	0
4/5/2023 10:00	17501 FACT_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
4/5/2023 10:00	41902 REED_T1	0	0	0	0	0	0	0.99	0.96	0	0	0	0	0	0
4/5/2023 10:00	43801 SWIL_T1	1	1	0	5.8	5.8	0	0	0	0	0	0	0	0	0
4/5/2023 10:00	66703 STRA_T1	0	0	0	0	0	0	-0.13	-0.09	0	0	0	0	0	0
4/5/2023 10:00	39601 LNFD_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
4/5/2023 10:00	29402 BELT_T1	116	116	0	1.17	1	-0.17	0	0	0	0	0	0	0	0
4/5/2023 10:00	59102 WALK_T2	1	2	1	0.1	0.4	0.3	0	0	0	0	0	0	0	0
4/5/2023 10:00	64501 LAVI_T1	0	0	0	0	0	0	0	0	1	1	0	600	600	0
4/5/2023 10:00	46302 ROHR_T1	1	2	1	2.1	0.85	-1.25	0.11	0.03	0	0	0	0	0	0
4/5/2023 10:00	52503 PROG_T2	1	1	0	0.1	0	-0.1	-0.74	-0.73	1	1	0	900	900	0
4/5/2023 10:00	42501 ALTA_T2	12	16	4	0.68	0.21	-0.47	0.01	0.01	1	1	0	600	600	0
4/5/2023 10:00	45902 AUBU_T1	0	0	0	0	0	0	-0.78	-0.95	2	2	0	1200	1200	0
4/5/2023 11:20	16302 ALPA_T2	0	0	0	0	0	0	-0.68	-0.65	0	0	0	0	0	0
4/5/2023 11:59	56801 BENV_T1	45	45	0	1.02	1.19	0.17	-0.25	-0.26	0	0	0	0	0	0
4/5/2023 12:09	53501 EVIL_T2	5	9	4	0.42	0.39	-0.03	-0.71	-0.64	2	2	0	1200	1200	0
4/5/2023 12:12	56802 BENV_T2	44	41	-3	0.15	0.16	0.01	-1.43	-1.46	0	0	0	0	0	0
4/5/2023 12:18	42201 SHEN_T2	0	0	0	0	0	0	-0.2	-0.17	1	1	0	600	600	0
4/5/2023 12:21	53501 EVIL_T2	8	1	-7	0.43	0.1	-0.33	-0.64	-0.35	2	2	0	1200	1200	0
4/5/2023 12:22	64801 MONE_T2	4	4	0	0.55	0.53	-0.02	0	0	0	0	0	0	0	0
4/5/2023 12:25	24101 EHAZ_T1	0	0	0	0	0	0	0.64	0.68	2	2	0	1200	1200	0
4/5/2023 13:34	51303 WIND_T1	393	492	99	0.26	0.27	0.01	0	0	0	0	0	0	0	0
4/5/2023 13:36	43402 BENT_T1	1	1	0	0.2	0.3	0.1	-0.59	-0.6	1	1	0	900	900	0
4/5/2023 13:41	51305 WIND_T1	123	145	22	0.26	0.26	0	0	0	0	0	0	0	0	0
4/5/2023 14:26	29402 BELT_T1	193	212	19	1.19	1.19	0	0	0	0	0	0	0	0	0
4/5/2023 14:32	67502 WEWI_T2	5	5	0	0.5	0.54	0.04	-0.09	-0.03	0	0	0	0	0	0
4/5/2023 14:34	29402 BELT_T1	212	134	-78	1.19	1.32	0.13	0	0	0	0	0	0	0	0
4/5/2023 14:36	16302 ALPA_T2	0	0	0	0	0	0	-0.73	-0.71	0	0	0	0	0	0
4/5/2023 15:14	56801 BENV_T1	125	113	-12	0.84	0.87	0.03	-0.24	-0.2	0	0	0	0	0	0
4/5/2023 15:46	29402 BELT_T1	118	124	6	1.21	1.58	0.37	0	0	0	0	0	0	0	0
4/5/2023 16:08	56803 BENV_T1	142	47	-95	0.21	0.25	0.04	0	0	0	0	0	0	0	0
4/5/2023 16:54	51301 WIND_T1	67	63	-4	0.26	0.26	0	0	0	0	0	0	0	0	0
4/5/2023 17:04	42802 SELI_T1	0

Appendix C - Grid Benefits Achieved in Each Instance of Active Management

4/6/2023 3:29	53501 EVIL_T2	22	21	-1	1.13	1.07	-0.06	-0.62	-0.6	0	0	0	0	0	0
4/6/2023 3:31	53502 EVIL_T2	0	1	1	0	0.1	0.1	0	0	0	0	0	0	0	0
4/6/2023 3:31	42201 SHEN_T2	0	0	0	0	0	0	0.34	0.33	0	0	0	0	0	0
4/6/2023 3:32	47401 PENS_T1	5	6	1	0.14	0.15	0.01	0.51	0.51	0	0	0	0	0	0
4/6/2023 3:36	42802 SELI_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
4/6/2023 3:42	24101 EHAZ_T1	0	0	0	0	0	0	0.14	0.19	1	1	0	600	600	0
4/6/2023 3:45	64802 MONE_T2	0	0	0	0	0	0	0.06	0.03	0	0	0	0	0	0
4/6/2023 4:53	42802 SELI_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
4/6/2023 10:00	56801 BENV_T1	40	39	-1	1.06	1.01	-0.05	-1	-0.89	0	0	0	0	0	0
4/6/2023 10:00	20401 ASHF_T2	93	75	-18	0.61	0.29	-0.32	0	0	0	0	0	0	0	0
4/6/2023 10:00	51301 WIND_T1	3	3	0	1.43	1.47	0.04	0.38	0.32	0	0	0	0	0	0
4/6/2023 10:00	64801 MONE_T2	1	1	0	0.1	0.5	0.4	0.28	0.29	0	0	0	0	0	0
4/6/2023 10:00	29401 BELT_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
4/6/2023 10:00	63803 HEMP_T1	0	1	1	0	0.1	0.1	0	0	0	0	0	0	0	0
4/6/2023 10:00	65604 QVIL_T2	0	0	0	0	0	0	0.64	0.64	0	0	0	0	0	0
4/6/2023 10:00	53501 EVIL_T2	0	1	1	0	0.4	0.4	-0.29	-0.15	2	2	0	1200	1200	0
4/6/2023 10:00	59101 WALK_T2	0	0	0	0	0	0	1.75	2.12	0	0	0	0	0	0
4/6/2023 10:00	12604 MACA_T1	0	0	0	0	0	0	0.24	0.25	0	0	0	0	0	0
4/6/2023 10:00	42201 SHEN_T2	0	0	0	0	0	0	0.43	0.44	0	0	0	0	0	0
4/6/2023 10:00	24105 EHAZ_T1	4	4	0	5.9	5.83	-0.07	0	0	0	0	0	0	0	0
4/6/2023 10:00	64802 MONE_T2	0	0	0	0	0	0	0.24	0.24	0	0	0	0	0	0
4/6/2023 10:00	51305 WIND_T1	1	1	0	0.2	0.3	0.1	0.18	0.2	0	0	0	0	0	0
4/6/2023 10:00	51305 WIND_T1	1	1	0	0.2	0.3	0.1	0.18	0.2	0	0	0	0	0	0
4/6/2023 10:00	20603 GRWO_T2	9	9	0	0.14	0.14	0	0.34	0.32	0	0	0	0	0	0
4/6/2023 10:00	56802 BENV_T2	106	6	-100	0.18	0.28	0.1	-1.48	-1.47	0	0	0	0	0	0
4/6/2023 10:00	66703 STRA_T1	0	2	2	0	0.2	0.2	-0.17	-0.15	0	0	0	0	0	0
4/6/2023 10:00	41902 REED_T1	0	0	0	0	0	0	1.03	1.01	0	0	0	0	0	0
4/6/2023 10:00	67502 WEWI_T2	1	1	0	0.2	0.5	0.3	-0.17	-0.21	0	0	0	0	0	0
4/6/2023 10:00	29401 BELT_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
4/6/2023 10:00	39601 LNFD_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
4/6/2023 10:00	52503 PROG_T2	0	0	0	0	0	0	-0.71	-0.71	1	1	0	900	900	0
4/6/2023 10:00	56601 HAMP_T1	0	0	0	0	0	0	-0.14	-0.13	0	0	0	0	0	0
4/6/2023 10:00	42802 SELI_T1	0	1	1	0	0.4	0.4	0	0	3	3	0	2700	2700	0
4/6/2023 10:00	43401 BENT_T1	0	1	1	0	0.1	0.1	0	0	0	0	0	0	0	0
4/6/2023 10:00	47401 PENS_T1	0	0	0	0	0	0	0.94	1.04	0	0	0	0	0	0
4/6/2023 10:00	42701 AUGU_T1	0	0	0	0	0	0	0	0	1	1	0	600	600	0
4/6/2023 11:18	42802 SELI_T1	0	0	0	0	0	0	0	0	1	1	0	900	900	0
4/6/2023 11:30	60803 BUCK_T1	0	1	1	0	0	0	-1.5	-1.53	1	1	0	600	600	0
4/6/2023 11:48	59102 WALK_T2	0	1	1	0	0.5	0.5	0	0	0	0	0	0	0	0
4/6/2023 12:19	23203 HIRU_T2	63	42	-21	0.13	0.14	0.01	0.16	0.16	0	0	0	0	0	0
4/6/2023 12:23	42802 SELI_T1	0	2	2	0	0.2	0.2	0	0	1	1	0	900	900	0
4/6/2023 12:42	59101 WALK_T2	2	18	16	0.3	0.24	-0.06	2.13	1.58	0	0	0	0	0	0
4/6/2023 12:43	60701 BREC_T1	0	0	0	0	0	0	-0.04	-0.02	1	1	0	600	600	0
4/6/2023 13:22	42802 SELI_T1	0	0	0	0	0	0	0	0	1	1	0	900	900	0
4/6/2023 13:25	42802 SELI_T1	0	0	0	0	0	0	0	0	1	1	0	900	900	0
4/6/2023 13:38	42802 SELI_T1	0	0	0	0	0	0	0	0	1	1	0	900	900	0
4/6/2023 13:42	42802 SELI_T1	0	0	0	0	0	0	0	0	1	1	0	900	900	0
4/6/2023 13:44	42802 SELI_T1	0	0	0	0	0	0	0	0	1	1	0	900	900	0
4/6/2023 13:51	58402 MORO_T1	0	0	0	0	0	0	-1.15	-1.14	2	2	0	1500	1500	0
4/6/2023 14:55	67502 WEWI_T2	0	0	0	0	0	0	-0.05	-0.04	0	0	0	0	0	0
4/6/2023 14:58	14801 TREI_T2	0	0	0	0	0	0	0.18	0.22	0	0	0	0	0	0
4/6/2023 14:59	67502 WEWI_T2	0	0	0	0	0	0	-0.05	-0.04	0	0	0	0	0	0
4/6/2023 16:09	46302 ROHR_T1	3	3	0	0.9	0.63	-0.27	0.03	0.08	0	0	0	0	0	0
4/6/2023 16:33	16902 MECK_T1	0	0	0	0	0	0	0	0.05	0	0	0	0	0	0
4/6/2023 17:55	67502 WEWI_T2	0	0	0	0	0	0	-0.3	-0.25	0	0	0	0	0	0
4/6/2023 18:38	42802 SELI_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
4/6/2023 19:50	49804 UNIV_T1	1	1	0	0.2	0.3	0.1	0	0	0	0	0	0	0	0
4/6/2023 20:11	44902 SCOT_T2	97	334	237	0.17	0.33	0.16	0	0	0	0	0	0	0	0
4/6/2023 20:24	61801 EELI_T2	2	2	0	0.7	0.75	0.05	-1.76	-1.71	2	2	0	1200	1200	0
4/6/2023 20:52	67502 WEWI_T2	1	1	0	0.7	0.1	-0.6	-0.48	-0.44	0	0	0	0	0	0
4/7/2023 0:28	42802 SELI_T1	1	1	0	1.3	0.9	-0.4	0	0	0	0	0	0	0	0
4/7/2023 0:28	67502 WEWI_T2	0	0	0	0	0	0	-1.7	-1.71	1	1	0	900	900	0
4/7/2023 0:28	59101 WALK_T2	0	0	0	0	0	0	0.89	0.78	0	0	0	0	0	0
4/7/2023 0:28	46302 ROHR_T1	3	3	0	0.77	1.13	0.36	0	-0.51	0	0	0	0	0	0
4/7/2023 0:54	47402 PENS_T1	0	1	1	0	0.7	0.7	0	0	0	0	0	0	0	0
4/7/2023 1:03	47401 PENS_T1	45	40	-5	0.19	0.15	-0.04	0.52	0.51	0	0	0	0	0	0
4/7/2023 1:11	20603 GRWO_T2	0	4	4	0	0.13	0.13	0.25	0.26	0	0	0	0	0	0
4/7/2023 1:21	42201 SHEN_T2	0	0	0	0	0	0	0.24	0.25	0	0	0	0	0	0
4/7/2023 1:24	20603 GRWO_T2	2	7	5	0.1	0.11	0.01	0.26	0.26	0	0	0	0	0	0
4/7/2023 1:32	67502 WEWI_T2	9	0	-9	5.68	0	-5.68	-1.74	-1.76	1	1	0	900	900	0
4/7/2023 1:38	42802 SELI_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
4/7/2023 1:42	66703 STRA_T1	24	192	168	0.19	0.21	0.02	-0.55	-0.56	0	0	0	0	0	0
4/7/2023 1:44	60701 BREC_T1	0	0	0	0	0	0	-0.22	-0.21	0	0	0	0	0	0
4/7/2023 1:47	51301 WIND_T1	3	3	0	1.27	1.37	0.1	0	0	0	0	0	0	0	0
4/7/2023 1:49	42802 SELI_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
4/7/2023 1:49	59101 WALK_T2	0	0	0	0	0	0	1.03	1.06	0	0	0	0	0	0
4/7/2023 1:51	60701 BREC_T1	0	0	0	0	0	0	-0.21	-0.22	0	0	0	0	0	0
4/7/2023 1:54	60803 BUCK_T1	19	20	1	0.29	0.33	0.04	-1.89	-1.88	1	1	0	600	600	0
4/7/2023 1:54	49804 UNIV_T1	1	1	0	1	1	0	0	0	0	0	0	0	0	0
4/7/2023 1:54	51301 WIND_T1	3	3	0	1.27	1.37	0.1	0	0	0	0	0	0	0	0
4/7/2023 1:58	66703 STRA_T1	109	223	114	0.16	0.26	0.1	-0.56	-0.57	0	0	0	0	0	0
4/7/2023 1:59	58402 MORO_T1	0	0	0	0	0	0	-0.95	-0.94	1	1	0	900	900	0
4/7/2023 2:02	60803 BUCK_T1	20	3	-17	0.33	0.57	0.24	-1.89	-1.88	1	1	0	600	600	0
4/7/2023 2:03	59101 WALK_T2	0	0	0	0	0	0	1.03	1.06	0	0	0	0	0	0
4/7/2023 2:06	49804 UNIV_T1	1	1	0	1	0.9	-0.1	0	0	0	0	0	0	0	0
4/7/2023 2:07	58402 MORO_T1	0	0	0	0	0	0	-0.94	-0.94	1	1	0	900	900	0
4/7/2023 2:14	61801 EELI_T2	0	0	0	0	0	0	-1.12	-1.06	0	0	0	0	0	0
4/7/2023 2:18	42802 SELI_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
4/7/2023 2:19	58402 MORO_T1	0	0	0	0	0	0	-0.94	-0.96	1	1	0	900	900	0
4/7/2023 2:29	61801 EELI_T2	0	0	0	0	0	0	-1.06	-1.14	0	0	0	0	0	0
4/7/2023 2:47	51301 WIND_T1	3	3	0	1.47	1.57	0.1	0	0	0	0	0	0	0	0
4/7/2023 2:58	20603 GRWO_T2	5	9	4	0.14	0.12	-0.02	0.23	0.28	0	0	0	0	0	0
4/7/2023 3:09	59101 WALK_T2	0	0	0	0	0	0	0.95	0.89	0	0	0	0	0	0
4/7/2023 3:54	60803 BUCK_T1	1	0	-1	0.5	0	-0.5	-1.21	-1.23	1	1	0	600	600	0
4/7/2023 3:54	47402 PENS_T1	1	1	0	0.3	0.1	-0.2	0	0	0	0	0	0	0	0
4/7/2023 4:02	66703 STRA_T1	247	234	-13	0.39	0.36	-0.03	-0.59	-0.6	0	0	0	0	0	0
4/7/2023 4:04	60701 BREC_T1	0	0	0	0	0	0	-0.22	-0.22	0	0	0	0	0	0
4/7/2023 4:14	49804 UNIV_T1	1	1	0	0.8	0.8	0	0	0	0	0	0	0	0	0
4/7/2023 4:34	61801 EELI_T2	0	0	0	0	0	0	-1	-0.98	0	0	0	0	0	0
4/7/2023 10:00	16902 MECK_T1	0	0	0	0	0	0	0.1	0.05	0	0	0	0	0	0
4/7/2023 10:00	47401 PENS_T1	0	0	0	0	0	0	0.63	0.67	0	0	0	0	0	0
4/7/2023 10:00	60701 BREC_T1	0	0	0	0	0	0	0.34	0.41	1	1	0	600	600	0
4/7/2023 10:00	52503 PROG_T2	0	0	0	0	0	0	-0.69	-0.68	1	1	0	900	900	0
4/7/2023 10:00	64801 MONE_T2	0	0	0	0	0	0	0.23	0.27	0	0	0	0	0	0
4/7/2023 10:00	12604 MACA_T1	0	0	0	0	0	0	0.26	0.24	0	0	0	0	0	0
4/7/2023 10:00	20603 GRWO_T2	0	0	0	0	0	0	0.4	0.34	0	0	0	0	0	0
4/7/2023 10:00	63803 HEMP_T1	1	1	0	0.1	0.1	0	0	0	0	0	0	0	0	0
4/7/2023 10:00	61801 EELI_T2	1	1	0	0.4	0.4	0	-1.78	-1.83	2	2	0	1200	1200	0
4/7/2023 10:00	44901 SCOT_T2	14	17	3	0.23	0.26	0.03	-0.02	0.07	0	0	0	0	0	0
4/7/2023 10:00	59101 WALK_T2	0	0	0	0	0	0	2.27	2.3	0	0	0	0	0	0
4/7/2023 10:00	42802 SELI_T1	1	1	0	0.3	0.1	-0.2	0	0	2	2	0	1800	1800	0
4/7/2023 10:00	60801 BUCK_T1	162	162	0	0.47	0.47	0	0	0	0	0	0	0	0	0
4/7/2023 10:00	49803 UNIV_T1	20	48	28	0.15	0.24	0.09	-2.08	-2.12	0	0	0	0	0	0
4/7/2023 10:00	46302 ROHR_T1	3	3	0	0.83	0.73	-0.1	0.14	0.15	0	0	0	0	0	0
4/7/2023 10:00	66703 STRA_T1	0	3	3	0	0.17	0.17	-0.27	-0.25	0	0	0	0	0	0
4/7/2023 10:00	56601 HAMP_T1	1	0	-1	0.3	0	-0.3	-0.09	-0.09	0	0	0	0	0	0
4/7/2023 10:00	42201 SHEN_T2	0	0	0	0	0	0	0.39	0.39	0	0	0	0	0	0
4/7/2023 10:00	67502 WEWI_T2	3	43	40	0.1	0.16	0.06	-0.36	-0.36	0	0	0	0	0	0
4/7/2023 10:29	45303 WBER_T2	8	8	0	0.68	0.63	-0.05	-0.28	-0.29	0	0	0	0	0	0
4/7/2023 10:29	42701 AUGU_T1	1	2	1	0.2	0.4	0.2	0	0	2	2	0	1800	1800	0
4/7/2023 11:03	65604 QVIL_T2	0	0	0	0	0	0	0.27	0.26	0	0	0	0	0	0
4/7/2023 11:29	60803 BUCK_T1	0	0	0	0	0	0	-1.02	-1	1	1	0	600	600	0
4/7/2023 11:33	41801 GOCI_T2	1	29	28	0.2	0.15	-0.05	0	0	0	0	0	0	0	0
4/7/2023 11:38	59102 WALK_T2	0	2	2	0	0.15	0.15	0	0	0	0	0	0	0	0
4/7/2023 11:39	23203 HIRU_T2	0	0	0	0	0	0	0.16	0.16	0	0	0	0	0	0
4/7/2023 11:45	61303 EARL_T1	0	1	1	0	0	0	-0.06	-0.06	0	0	0	0	0	0
4/7/2023 11:55	47403 PENS_T1	0	6	6	0	0.62	0.62	0	0	0	0	0	0	0	0
4/7/2023 12:08	42201 SHEN_T2	0	0	0	0	0	0	0.37	0.35	0	0	0	0	0	0
4/7/2023 12:25	65602 QVIL_T2	2	0	-2	0.1	0	-0.1	0	0	0	0	0	0	0	0
4/7/2023 12:39	43402 BENT_T1	57	14	-43	0.23	0.34	0.11	-0.73	-0.71	1	1	0	900	900	0
4/7/2023 13:16	65603 QVIL_T2	0	0	0	0	0	0	-0.62	-0.6	0	0	0	0	0	0
4/7/2023 13:20	42802 SELI_T1	1	1	0	0.7	0.6	-0.1	0	0	1	1	0	900	900	0
4/7/2023 13:33	42802 SELI_T1	1	1	0	0.5	0.9	0.4	0	0	1	1	0	900	900	0
4/7/2023 14:08	14801 TREI_T2	0	0	0	0	0	0	0.24	0.22	0	0	0	0	0	0
4/7/2023 14:54	61101 BERK_T5	5	13	8	0.16	0.16	0	0	0	0	0	0	0	0	0
4/7/2023 14:57	29402 BELT_T1	190	213	23	1.13	0.9	-0.23	0	0	0	0	0	0	0	0
4/7/2023 15:04	67502 WEWI_T2	231	428	197	0.25	0.31	0.06	-0.51	-0.51	0	0	0	0	0	0
4/7/2023 15:08	23201 HIRU_T2	9	4	-5	0.16	0.15	-0.01	0	0	0	0	0	0	0	0
4/7/2023 15:13	67503 WEWI_T2	1	14	13	0.1	0.12	0.02	0	0	0	0	0	0	0	0
4/7/2023 15:14	20801 LOPO_T1	0	0	0	0	0	0	0.12	0.12	0	0	0	0	0	0
4/7/2023 15:43	50103 HARR_T3	2	2	0	0.3	0.5	0.2	-0.53	-0.46	0	0	0	0	0	0
4/7/2023 16:44	67502 WEWI_T2	169	49	-120	0.22	0.17	-0.05	-0.5	-0.53	0	0	0	0	0	0
4/7/2023 17:32	61303 EARL_T1	0	0	0	0	0	0	0.04	0.02	0	0	0	0	0	0
4/7/2023 18:00	44902 SCOT_T2	747	752	5	0.67	0.71	0.04	0	0	0	0	0	0	0	0
4/7/2023 18:03	51303 WIND_T1	796	766	-30	0.49	0.5	0.01	0	0	0	0	0	0	0	0
4/7/2023 18:03	65604 QVIL_T2	0	0	0	0	0	0	0.27	0.26	0	0	0	0	0	0
4/7/2023 18:22	65604 QVIL_T2	0	0	0	0	0	0	0.27	0.28	0	0	0	0	0	0
4/7/2023 18:38	65604 QVIL_T2	0	0	0	0	0	0	0.28	0.27	0	0	0	0	0	0
4/7/2023 18:40	42802 SELI_T1	0	1	1	0	0.4	0.4	0	0	0	1	1	0	900	900
4/7/2023 18:42	65604 QVIL_T2	0	0	0	0	0	0	0.28	0.27	0	0	0	0	0	0
4/7/2023 18:44	51303 WIND_T1	595	535	-60	0.34	0.3	-0.04	0	0	0	0	0	0	0	0
4/7/2023 19:25	67502 WEWI_T2	154	178	24	0.21	0.21	0	0	0	0	0	0	0	0	0
4/7/2023 20:21	51305 WIND_T1	91	294	203	0.26	0.39	0.13	0	0	0	0	0	0	0	0
4/7/2023 20:28	42701 AUGU_T1	0	0	0	0	0	0	0	0	1	1	0	600	600	0
4/7/2023 20:46	45303 WBER_T2	8	9	1	0.44	0.51	0.07	-0.16	-0.16	0	0	0	0	0	0
4/7/2023 20:55	29402 BELT_T1	121	122	1	1.12	1.19	0.07	0	0	0	0	0	0	0	0
4/7/2023 21:02	67502 WEWI_T2	33	167	134	0.12	0.22	0.1	-0.5	-0.52	0	0	0	0	0	0
4/7/2023 21:18	20801 LOPO_T1	0	0	0	0	0	0	0.14	0.16	0	0	0	0	0	0
4/7/2023 22:55	23203 HIRU_T2	1	1	0	0	0	0	0	0	0	0	0	0	0	0
4/7/2023 23:32	41801 GOCI_T2	5	30	25	0.1	0.14	0.04	0	0	0	0	0	0	0	0
4/8/2023 0:25	65604 QVIL_T2	0	0	0	0	0	0	0.22	0.19	0	0	0	0	0	0
4/8/2023 0:28	42802 SELI_T1	1	1	0	1	0.6	-0.4	0	0	0	0	0	0	0	0
4/8/2023 0:28	29402 BELT_T1	0	73	73	0	0.35	0.35	0	0	0	0	0	0	0	0
4/8/2023 0:28	42701 AUGU_T1	1	0	-1	0.2	0	-0.2	0	0	1	1	0	600	600	0
4/8/2023 0:28	45303 WBER_T2	0	0	0	0	0	0	-0.4	-0.41	0	0	0	0	0	0
4/8/2023 0:28	41801 GOCI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
4/8/2023 0:34	42201 SHEN_T2	0	0	0	0	0	0	0.32	0.33	0	0	0	0	0	0
4/8/2023 0:38	65604 QVIL_T2	0	0	0	0	0	0	0.19	0.21	0	0	0	0	0	0
4/8/2023 0:39	65604 QVIL_T2	0	0	0	0	0	0	0.38	0.42	0	0	0	0	0	0
4/8/2023 0:53	47401 PENS_T1	0	0	0	0	0	0	0.41	0.43	0	0	0	0	0	0
4/8/2023 1:08	47401 PENS_T1	0	0	0	0	0	0	0.43	0.46	0	0	0	0	0	0
4/8/2023 1:08	61303 EARL_T1	0	0	0	0	0	0	-0.1	-0.11	0	0	0	0	0	0
4/8/2023 1:11	61303 EARL_T1	0	0	0	0	0	0	-0.1	-0.11	0	0	0	0	0	0
4/8/2023 1:15	65602 QVIL_T2	0	1	1	0	0.1	0.1	0	0	0	0	0	0	0	0
4/8/2023 1:17	61303 EARL_T1	0	0	0	0	0	0	-0.1	-0.11	0	0	0	0	0	0
4/8/2023 1:23	42802 SELI_T1	1	1	0	0.7	0.7	0	0	0	0	0	0	0	0	0
4/8/2023 1:31	44901 SCOT_T2	0	0	0	0	0	0	-0.15	-0.26	0	0	0	0	0	0
4/8/2023 1:35	29402 BELT_T1	66	78	12	0.34	0.42	0.08	0	0	0	0	0	0	0	0
4/8/2023 1:36	59101 WALK_T2	0	0	0	0	0	0	0.88	0.92	0	0	0	0	0	0
4/8/2023 1:36	51303 WIND_T1	0	0	0	0	0

Appendix C - Grid Benefits Achieved in Each Instance of Active Management

4/8/2023 10:00	45303 WBER_T2	0	2	2	0	0.15	0.15	-0.35	-0.36	0	0	0	0	0	0
4/8/2023 10:00	52503 PROG_T2	0	0	0	0	0	0	-0.65	-0.67	1	1	0	900	900	0
4/8/2023 10:00	51301 WIND_T1	3	6	3	0.53	0.5	-0.03	0.36	0.35	0	0	0	0	0	0
4/8/2023 10:00	42802 SELI_T1	0	0	0	0	0	0	0	0	1	1	0	900	900	0
4/8/2023 10:00	64801 MONE_T2	1	1	0	0.2	0.2	0	0.28	0.28	0	0	0	0	0	0
4/8/2023 10:00	12604 MACA_T1	0	0	0	0	0	0	0.33	0.33	0	0	0	0	0	0
4/8/2023 10:00	42701 AUGU_T1	0	0	0	0	0	0	0	0	2	2	0	1800	1800	0
4/8/2023 10:00	20801 LOPO_T1	0	0	0	0	0	0	0.16	0.15	0	0	0	0	0	0
4/8/2023 10:00	61103 BERK_T5	0	0	0	0	0	0	0.04	0.04	0	0	0	0	0	0
4/8/2023 10:00	41801 GOCI_T2	9	68	59	0.36	0.24	-0.12	0	0	0	0	0	0	0	0
4/8/2023 10:17	43801 SWIL_T1	2	2	0	2.75	2.65	-0.1	0	0	0	0	0	0	0	0
4/8/2023 11:33	44902 SCOT_T2	185	340	155	0.24	0.37	0.13	0	0	0	0	0	0	0	0
4/8/2023 11:34	43402 BENT_T1	7	11	4	0.64	0.61	-0.03	-0.93	-0.92	1	1	0	900	900	0
4/8/2023 11:41	45901 AUBU_T1	1	1	0	0.2	0.2	0	0	0	0	0	0	0	0	0
4/8/2023 11:44	41801 GOCI_T2	106	241	135	0.3	0.51	0.21	0	0	0	0	0	0	0	0
4/8/2023 11:45	41801 GOCI_T2	145	267	122	0.38	0.59	0.21	0	0	0	0	0	0	0	0
4/8/2023 12:27	65602 QVIL_T2	1	0	-1	0.1	0	-0.1	0	0	0	0	0	0	0	0
4/8/2023 12:38	64303 LINC_T1	1	1	0	0.2	0.2	0	0	0	0	0	0	0	0	0
4/8/2023 13:43	42802 SELI_T1	1	1	0	0.3	0.4	0.1	0	0	0	0	0	0	0	0
4/8/2023 13:54	60803 BUCK_T1	1	1	0	1.1	0.2	-0.9	-1.01	-1	1	1	0	600	600	0
4/8/2023 13:54	66701 STRA_T1	1	1	0	0.4	0.2	-0.2	0	0	0	0	0	0	0	0
4/8/2023 13:59	42802 SELI_T1	1	2	1	0.4	0.3	-0.1	0	0	0	0	0	0	0	0
4/8/2023 14:01	58402 MORO_T1	0	0	0	0	0	0	-0.97	-0.99	1	1	0	900	900	0
4/8/2023 14:09	59101 WALK_T2	0	0	0	0	0	0	1.08	1.08	0	0	0	0	0	0
4/8/2023 14:13	60801 BUCK_T1	10	15	5	0.18	0.21	0.03	0	0	0	0	0	0	0	0
4/8/2023 14:14	59101 WALK_T2	0	0	0	0	0	0	1.08	1.08	0	0	0	0	0	0
4/8/2023 14:19	45001 LIME_2	11	29	18	0.22	0.29	0.07	0	0	0	0	0	0	0	0
4/8/2023 14:24	41801 GOCI_T2	271	258	-13	0.57	0.65	0.08	0	0	0	0	0	0	0	0
4/8/2023 14:28	42701 AUGU_T1	5	4	-1	0.44	0.53	0.09	0	0	2	2	0	1800	1800	0
4/8/2023 14:37	42701 AUGU_T1	3	4	1	0.67	0.45	-0.22	0	0	2	2	0	1800	1800	0
4/8/2023 14:39	65602 QVIL_T2	2	2	0	0.1	0.1	0	0	0	0	0	0	0	0	0
4/8/2023 14:40	44901 SCOT_T2	22	59	37	0.27	0.23	-0.04	-0.3	-0.37	0	0	0	0	0	0
4/8/2023 14:54	24101 EHAZ_T1	1	9	8	0.2	0	-0.2	0.16	0.12	1	1	0	600	600	0
4/8/2023 14:58	20801 LOPO_T1	0	0	0	0	0	0	0.11	0.11	0	0	0	0	0	0
4/8/2023 15:01	20403 ASHF_T2	4	11	7	0.5	0.35	-0.15	0	-0.01	0	0	0	0	0	0
4/8/2023 15:03	67502 WEWI_T2	2	1	-1	0.15	0.2	0.05	-0.51	-0.44	0	0	0	0	0	0
4/8/2023 15:05	29402 BELT_T1	87	109	22	0.54	0.66	0.12	0	0	0	0	0	0	0	0
4/8/2023 15:07	29402 BELT_T1	87	109	22	0.54	0.66	0.12	0	0	0	0	0	0	0	0
4/8/2023 15:22	67502 WEWI_T2	1	0	-1	0.2	0	-0.2	-0.56	-0.54	0	0	0	0	0	0
4/8/2023 15:43	67502 WEWI_T2	0	1	1	0	0.1	0.1	-0.54	-0.53	0	0	0	0	0	0
4/8/2023 16:43	45901 AUBU_T1	0	0	0	0	0	0	0.97	0.9	0	0	0	0	0	0
4/8/2023 16:43	42802 SELI_T1	0	1	1	0	0.3	0.3	0	0	0	0	0	0	0	0
4/8/2023 16:45	29402 BELT_T1	112	114	2	0.7	0.82	0.12	0	0	0	0	0	0	0	0
4/8/2023 16:45	44902 SCOT_T2	444	523	79	0.44	0.42	-0.02	0	0	0	0	0	0	0	0
4/8/2023 17:08	42701 AUGU_T1	1	1	0	0.7	0.7	0	0	0	2	2	0	1800	1800	0
4/8/2023 17:27	48902 FOSP_T2	0	0	0	0	0	0	-0.28	-0.38	0	0	0	0	0	0
4/8/2023 17:29	59101 WALK_T2	0	0	0	0	0	0	1.16	1.17	0	0	0	0	0	0
4/8/2023 17:57	47401 PENS_T1	0	0	0	0	0	0	0.5	0.51	0	0	0	0	0	0
4/8/2023 18:00	44901 SCOT_T2	87	119	32	0.23	0.22	-0.01	-0.43	-0.46	0	0	0	0	0	0
4/8/2023 18:09	40502 CRES_T2	5	7	2	0.18	0.23	0.05	-0.16	-0.12	0	0	0	0	0	0
4/8/2023 18:14	60801 BUCK_T1	13	24	11	0.19	0.25	0.06	0	0	0	0	0	0	0	0
4/8/2023 18:16	53501 EVIL_T2	1	1	0	0.2	0.1	-0.1	-0.87	-0.87	0	0	0	0	0	0
4/8/2023 20:03	42802 SELI_T1	0	0	0	0	0	0	0	0	1	1	0	900	900	0
4/8/2023 20:31	42701 AUGU_T1	0	0	0	0	0	0	0	0	2	2	0	1800	1800	0
4/8/2023 20:53	24101 EHAZ_T1	0	7	7	0	0.59	0.59	0.19	0.18	1	1	0	600	600	0
4/8/2023 20:59	45902 AUBU_T1	0	0	0	0	0	0	-0.51	-0.53	0	0	0	0	0	0
4/8/2023 21:16	20801 LOPO_T1	1	0	-1	1.3	0	-1.3	0.14	0.14	0	0	0	0	0	0
4/8/2023 21:21	67502 WEWI_T2	0	0	0	0	0	0	-1.49	-1.5	1	1	0	900	900	0
4/8/2023 22:03	41801 GOCI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
4/8/2023 22:10	65604 QVIL_T2	0	0	0	0	0	0	0.24	0.26	0	0	0	0	0	0
4/8/2023 22:32	44902 SCOT_T2	445	527	82	0.43	0.49	0.06	0	0	0	0	0	0	0	0
4/8/2023 23:38	64301 LINC_T1	0	0	0	0	0	0	-0.22	-0.19	0	0	0	0	0	0
4/9/2023 0:28	24101 EHAZ_T1	0	0	0	0	0	0	0.11	0.11	1	1	0	600	600	0
4/9/2023 0:28	45001 LIME_2	11	21	10	0.15	0.19	0.04	0	0	0	0	0	0	0	0
4/9/2023 0:28	29402 BELT_T1	79	94	15	0.57	0.71	0.14	0	0	0	0	0	0	0	0
4/9/2023 0:28	42701 AUGU_T1	0	0	0	0	0	0	0	0	1	1	0	600	600	0
4/9/2023 0:29	44902 SCOT_T2	0	196	196	0	0.17	0.17	0	0	0	0	0	0	0	0
4/9/2023 0:33	24101 EHAZ_T1	0	0	0	0	0	0	0.11	0.11	1	1	0	600	600	0
4/9/2023 0:51	42701 AUGU_T1	0	0	0	0	0	0	0	0	1	1	0	600	600	0
4/9/2023 1:00	58402 MORO_T1	0	0	0	0	0	0	-1.59	-1.6	2	2	0	1500	1500	0
4/9/2023 1:04	61303 EARL_T1	0	0	0	0	0	0	-0.08	-0.1	0	0	0	0	0	0
4/9/2023 1:07	47402 PENS_T1	1	0	-1	0.1	0	-0.1	0	0	0	0	0	0	0	0
4/9/2023 1:10	65604 QVIL_T2	0	0	0	0	0	0	0.22	0.23	0	0	0	0	0	0
4/9/2023 1:13	47402 PENS_T1	1	0	-1	0.1	0	-0.1	0	0	0	0	0	0	0	0
4/9/2023 1:23	61303 EARL_T1	0	0	0	0	0	0	-0.1	-0.08	0	0	0	0	0	0
4/9/2023 1:27	47401 PENS_T1	0	0	0	0	0	0	0.46	0.42	0	0	0	0	0	0
4/9/2023 1:44	61303 EARL_T1	0	0	0	0	0	0	-0.08	-0.1	0	0	0	0	0	0
4/9/2023 1:44	44902 SCOT_T2	218	234	16	0.23	0.21	-0.02	0	0	0	0	0	0	0	0
4/9/2023 1:52	66703 STRA_T1	0	0	0	0	0	0	-0.54	-0.53	0	0	0	0	0	0
4/9/2023 1:54	43402 BENT_T1	0	0	0	0	0	0	-0.95	-0.95	1	1	0	900	900	0
4/9/2023 1:54	60803 BUCK_T1	0	0	0	0	0	0	-1.71	-1.7	1	1	0	600	600	0
4/9/2023 2:06	59101 WALK_T2	0	0	0	0	0	0	1.18	1.21	0	0	0	0	0	0
4/9/2023 2:06	43402 BENT_T1	0	0	0	0	0	0	-0.95	-0.92	1	1	0	900	900	0
4/9/2023 2:20	59101 WALK_T2	0	0	0	0	0	0	1.21	1.17	0	0	0	0	0	0
4/9/2023 2:52	61303 EARL_T1	0	0	0	0	0	0	-0.08	-0.07	0	0	0	0	0	0
4/9/2023 2:54	43402 BENT_T1	0	0	0	0	0	0	-0.95	-0.95	1	1	0	900	900	0
4/9/2023 3:07	61303 EARL_T1	0	0	0	0	0	0	-0.07	-0.08	0	0	0	0	0	0
4/9/2023 4:06	59101 WALK_T2	0	0	0	0	0	0	1.04	1.13	0	0	0	0	0	0
4/9/2023 4:12	61303 EARL_T1	0	0	0	0	0	0	-0.04	-0.04	0	0	0	0	0	0
4/9/2023 8:24	49803 UNIV_T1	96	124	28	0.34	0.39	0.05	-2.2	-2.14	0	0	0	0	0	0
4/9/2023 9:42	16302 ALPA_T2	0	0	0	0	0	0	0.44	0.45	0	0	0	0	0	0
4/9/2023 9:46	42802 SELI_T1	0	0	0	0	0	0	0	0	1	0	-1	900	0	-900
4/9/2023 10:00	24101 EHAZ_T1	4	4	0	5.6	5.53	-0.07	0	0	0	0	0	0	0	0
4/9/2023 10:00	45902 AUBU_T1	11	16	5	0.21	0.32	0.11	-0.72	-0.7	0	0	0	0	0	0
4/9/2023 10:00	44901 SCOT_T2	22	26	4	0.23	0.23	0	-1.62	-1.53	0	0	0	0	0	0
4/9/2023 10:00	58402 MORO_T1	0	0	0	0	0	0	-1.51	-1.43	2	2	0	1500	1500	0
4/9/2023 10:00	61303 EARL_T1	0	0	0	0	0	0	0.04	0	0	0	0	0	0	0
4/9/2023 10:00	42802 SELI_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
4/9/2023 10:00	45002 LIME_2	0	1	1	0	0	0	0	0	0	0	0	0	0	0
4/9/2023 10:00	40502 CRES_T2	9	10	1	0.17	0.29	0.12	-0.3	-0.35	0	0	0	0	0	0
4/9/2023 10:00	47401 PENS_T1	0	0	0	0	0	0	0.74	0.69	0	0	0	0	0	0
4/9/2023 10:00	66703 STRA_T1	4	8	4	0.45	0.36	-0.09	-0.22	-0.25	0	0	0	0	0	0
4/9/2023 10:00	65604 QVIL_T2	0	0	0	0	0	0	0.9	0.93	0	0	0	0	0	0
4/9/2023 10:00	64301 LINC_T1	0	0	0	0	0	0	-0.17	-0.17	0	0	0	0	0	0
4/9/2023 10:00	41801 GOCI_T2	98	181	83	0.33	0.57	0.24	0	0	0	0	0	0	0	0
4/9/2023 10:00	20403 ASHF_T2	2	3	1	0.35	0.5	0.15	0.18	0.16	0	0	0	0	0	0
4/9/2023 10:00	67605 WARW_T1	3	4	1	0.4	0.65	0.25	0	0	0	0	0	0	0	0
4/9/2023 10:00	12604 MACA_T1	0	0	0	0	0	0	0.34	0.32	0	0	0	0	0	0
4/9/2023 10:00	59102 WALK_T2	5	5	0	0.22	0.48	0.26	0	0	0	0	0	0	0	0
4/9/2023 10:00	60803 BUCK_T1	2	2	0	0.2	0.4	0.2	-1.57	-1.59	1	1	0	600	600	0
4/9/2023 10:00	45902 AUBU_T1	11	16	5	0.21	0.32	0.11	-0.72	-0.7	0	0	0	0	0	0
4/9/2023 10:00	56601 HAMP_T1	0	0	0	0	0	0	-0.17	-0.14	0	0	0	0	0	0
4/9/2023 10:00	52503 PROG_T2	0	0	0	0	0	0	-0.7	-0.69	1	1	0	900	900	0
4/9/2023 10:00	64801 MONE_T2	0	1	1	0	0.1	0.1	0.2	0.18	0	0	0	0	0	0
4/9/2023 10:00	29402 BELT_T1	83	56	-27	0.57	0.35	-0.22	0	0	0	0	0	0	0	0
4/9/2023 10:00	43801 SWIL_T1	2	2	0	3.4	3.45	0.05	0	0	0	0	0	0	0	0
4/9/2023 10:00	42701 AUGU_T1	2	3	1	0.15	0.27	0.12	0	0	2	2	0	1800	1800	0
4/9/2023 10:00	53501 EVIL_T2	12	13	1	0.98	0.76	-0.22	-0.85	-0.79	0	0	0	0	0	0
4/9/2023 10:00	48902 FOSP_T2	0	0	0	0	0	0	-0.26	-0.25	0	0	0	0	0	0
4/9/2023 10:05	63802 HEMP_T1	1	5	4	0.4	0.22	-0.18	0	0	0	0	0	0	0	0
4/9/2023 10:07	67502 WEWI_T2	4	7	3	0.45	0.51	0.06	-1.46	-1.53	1	1	0	900	900	0
4/9/2023 10:09	20801 LOPO_T1	0	1	1	0	0.2	0.2	0.15	0.14	0	0	0	0	0	0
4/9/2023 11:35	29402 BELT_T1	26	39	13	0.26	0.33	0.07	0	0	0	0	0	0	0	0
4/9/2023 11:36	59101 WALK_T2	0	1	1	0	0.7	0.7	1.15	0.99	0	0	0	0	0	0
4/9/2023 11:36	44902 SCOT_T2	409	497	88	0.38	0.38	0	0	0	0	0	0	0	0	0
4/9/2023 11:43	44902 SCOT_T2	409	497	88	0.38	0.38	0	0	0	0	0	0	0	0	0
4/9/2023 11:58	57602 RUTH_T2	0	1	1	0	0.3	0.3	0	0	0	0	0	0	0	0
4/9/2023 12:07	65602 QVIL_T2	1	29	28	0.1	0.19	0.09	0	0	0	0	0	0	0	0
4/9/2023 12:23	65602 QVIL_T2	7	29	22	0.14	0.18	0.04	0	0	0	0	0	0	0	0
4/9/2023 12:58	56801 BENV_T1	32	51	19	0.58	0.94	0.36	-0.14	-0.17	0	0	0	0	0	0
4/9/2023 13:07	67503 WEWI_T2	1	1	0	0.6	0.1	-0.5	-0.42	-0.45	0	0	0	0	0	0
4/9/2023 13:12	66702 STRA_T1	1	1	0	0.8	0.6	-0.2	0	0	0	0	0	0	0	0
4/9/2023 13:13	44902 SCOT_T2	493	609	116	0.39	0.43	0.04	0	0	0	0	0	0	0	0
4/9/2023 13:16	53501 EVIL_T2	30	34	4	0.56	0.84	0.28	-0.81	-0.87	0	0	0	0	0	0
4/9/2023 13:18	42802 SELI_T1	2	3	1	0.4	0.57	0.17	0	0	0	0	0	0	0	0
4/9/2023 13:24	42802 SELI_T1	2	3	1	0.4	0.57	0.17	0	0	0	0	0	0	0	0
4/9/2023 13:28	44902 SCOT_T2	446	667	221	0.39	0.47	0.08	0	0	0	0	0	0	0	0
4/9/2023 13:31	58401 MORO_T1	11	12	1	0.31	0.37	0.06	0	0	0	0	0	0	0	0
4/9/2023 13:31	66702 STRA_T1	1	1	0	0.5	0.7	0.2	0	0	0	0	0	0	0	0
4/9/2023 13:36	53502 EVIL_T2	3	2	-1	0.17	0.3	0.13	0	0	2	0	-2	0	0	0
4/9/2023 13:36	65604 QVIL_T2	0	0	0	0	0	0	0.26	0.27	0	0	0	0	0	0
4/9/2023 13:38	57602 RUTH_T2	0	2	2	0	0.35	0.35	0.02	0.02	0	0	0	0	0	0
4/9/2023 13:38	58401 MORO_T1	11	12	1	0.31	0.37	0.06	0	0	0	0	0	0	0	0
4/9/2023 13:38	42701 AUGU_T1	1	1	0	0.2	0.2	0	0	0	1	1	0	600	600	0
4/9/2023 13:43	48901 FOSP_T2	1	1	0	0.2	0.2	0	0	0	0	0	0	0	0	0
4/9/2023 13:43	44902 SCOT_T2	600	708	108	0.42	0.46	0.04	0	0	0	0	0	0	0	0
4/9/2023 13:52	42701 AUGU_T1	1	0	-1	0.2	0	-0.2	0	0	1	1	0	600	600	0
4/9/2023 13:52	45303 WBER_T2	11	11	0	0.55	0.61	0.06	-0.44	-0.46	0	0	0	0	0	0
4/9/2023 13:56	44901 SCOT_T2	217	281	64	0.28	0.32	0.04	-0.52	-0.52	0	0	0	0	0	0
4/9/2023 13:57	65604 QVIL_T2	0	0	0	0	0	0	0.27	0.25	0	0	0	0	0	0
4/9/2023 13:58	20801 LOPO_T1	1	1	0	0.1	0.1	0	0.1	0.11	0	0	0	0	0	0
4/9/2023 13:58	44902 SCOT_T2	655	728	73	0.46	0.49	0.03	0	0	0	0	0	0	0	0
4/9/2023 14:09	65604 QVIL_T2	0	0	0	0	0	0	0.25	0.22	0	0	0	0	0	0
4/9/2023 14:09	48901 FOSP_T2	1	1	0	0.1	0.1	0	0	0	0	0	0	0	0	0
4/9/2023 14:13	23401 HONE_T2	5	5	0	0.88	0.98	0.1	-0.02	0.06	0	0	0	0	0	0
4/9/2023 14:18	67503 WEWI_T2	2	1	-1	0.1	0.3	0.2	0	0	0	0	0	0	0	0
4/9/2023 14:27	67503 WEWI_T2	2	1	-1	0.1	0.3	0.2	0	0	0	0	0	0	0	0
4/9/2023 14:38	67502 WEWI_T2	9	15	6	0.4	0.47	0.07	-0.55	-0.55	0	0	0	0	0	0
4/9/2023 14:54	56801 BENV_T1	64	39	-25	1.25	0.7	-0.55	-0.2	-0.2	0	0	0	0	0	0
4/9/2023 15:25	29402 BELT_T1	113	117	4	1.11	1.25	0.14	0	0	0	0	0	0	0	0
4/9/2023 15:31	47402 PENS_T1	1	1	0	0.3	0.7	0.4	0	0	0	0	0	0	0	0
4/9/2023 15:38	42801 SELI_T1	1	1	0	0.2	0.3	0.1	0	0	0	0	0	0	0	0
4/9/2023 15:46	47402 PENS_T1	1	1	0	0.7	0.6	-0.1	0	0	0	0	0	0	0	0
4/9/2023 15:49	44903 SCOT_T1	1	0	-1	0.2	0	-0.2	0	0	0	0	0	0	0	0
4/9/2023 15:53	44901 SCOT_T2	322	271	-51	0.38	0.35	-0.03	-0.43	-0.45	0	0	0	0	0	0
4/9/2023 15:57	65601 QVIL_T2	2	3	1	0.45	0.3	-0.15	0	0	0	0	0	0	0	0
4/9/2023 15:58	42701 AUGU_T1	1	1	0	0.1	0.2	0.1	0	0	1	1	0	600	600	0
4/9/2023 16:11	58402 MORO_T1	0	0	0	0	0	0	-1.06	-1.06	1	1	0	900	900	0
4/9/2023 16:12	66703 STRA_T1	123	79	-44	0.23	0.22	-0.01	-0.4	-0.4	0	0	0	0	0	0
4/9/2023 16:13	47401 PENS_T1	6	3	-3	0.32	0.4	0.08	0.82	0.79	0	0	0	0	0	0
4/9/2023 16:16	53501 EVIL_T2	101	34	-67	0.42	0.86	0.44	-0.82	-0.81	0	0	0	0	0	0
4/9/2023 16:32	66703 STRA_T1	64	8	-56	0.23	0.39	0.16	-0.4	-0.41	0	0	0	0	0	0
4/9/2023 16:34	60801 BUCK_T1	142	144	2	0.51	0.44	-0.07	0	0	0	0	0	0	0	0
4/9/2023 16:35	60803 BUCK_T1	2	0	-2	0.2	0	-0.2	-1.11	-1.09	1	1	0	600	600	0
4/9/2023 16:36	53501 EVIL_T2	34	35	1	0.81	0.78	-0.03	-0.83	-0.85	0	0	0	0	0	0
4/9/2023 16:39	56803 BENV_T1	9	7	-2	0.49	0.56	0.07	0	0	0	0	0	0	0	0
4/9/2023 16:41	65402 MARI_T1	91	66	-25	0.22	0.17	-0.05	0	0	0	0	0	0	0	0
4/9/2023 16:43	44901 SCOT_T2	280	271	-9	0.36	0.33	-0.03	-0.5	-0.46	0	0	0

Appendix C - Grid Benefits Achieved in Each Instance of Active Management

4/10/2023 2:01	61303 EARL_T1	0	0	0	0	0	0	-0.13	-0.14	0	0	0	0	0	0
4/10/2023 2:05	67503 WEWI_T2	0	0	0	0	0	0	-0.5	-0.49	0	0	0	0	0	0
4/10/2023 2:16	57602 RUTH_T2	0	2	2	0	0.1	0.1	-0.07	-0.08	0	0	0	0	0	0
4/10/2023 2:16	61303 EARL_T1	0	0	0	0	0	0	-0.14	-0.13	0	0	0	0	0	0
4/10/2023 2:50	67503 WEWI_T2	0	0	0	0	0	0	-0.48	-0.48	0	0	0	0	0	0
4/10/2023 2:56	59101 WALK_T2	0	0	0	0	0	0	1.16	1.08	0	0	0	0	0	0
4/10/2023 2:57	60801 BUCK_T1	161	150	-11	0.42	0.4	-0.02	0	0	0	0	0	0	0	0
4/10/2023 3:01	61303 EARL_T1	0	0	0	0	0	0	-0.12	-0.11	0	0	0	0	0	0
4/10/2023 4:18	56801 BENV_T1	0	0	0	0	0	0	-0.14	-0.14	0	0	0	0	0	0
4/10/2023 4:43	56801 BENV_T1	0	17	17	0	0.84	0.84	-0.13	-0.75	0	0	0	0	0	0
4/10/2023 4:52	44901 SCOT_T2	0	0	0	0	0	0	-0.53	-0.5	0	0	0	0	0	0
4/10/2023 10:00	65401 MARI_T1	8	10	2	0.2	0.28	0.08	-0.13	-0.08	0	0	0	0	0	0
4/10/2023 10:00	60801 BUCK_T1	16	32	16	0.19	0.25	0.06	0	0	0	0	0	0	0	0
4/10/2023 10:00	20403 ASHF_T2	2	6	4	1.1	0.58	-0.52	0.9	0.9	0	0	0	0	0	0
4/10/2023 10:00	52503 PROG_T2	0	0	0	0	0	0	-0.66	-0.69	1	1	0	900	900	0
4/10/2023 10:00	53501 EVIL_T2	7	7	0	0.61	0.8	0.19	-0.02	-0.05	1	1	0	600	600	0
4/10/2023 10:00	23401 HONE_T2	0	1	1	0	0.2	0.2	0.43	0.41	0	0	0	0	0	0
4/10/2023 10:00	47401 PENS_T1	0	53	53	0	0.28	0.28	1.88	1.95	0	0	0	0	0	0
4/10/2023 10:00	63802 HEMP_T1	1	2	1	0.3	0.25	-0.05	0	0	0	0	0	0	0	0
4/10/2023 10:00	42701 AUGU_T1	1	0	-1	0.2	0	-0.2	0	0	1	1	0	600	600	0
4/10/2023 10:00	56803 BENV_T1	8	12	4	0.45	0.55	0.1	0	0	0	0	0	0	0	0
4/10/2023 10:00	44901 SCOT_T2	19	19	0	0.37	0.39	0.02	0.05	0.11	0	0	0	0	0	0
4/10/2023 10:00	12605 MACA_T1	1	2	1	0.1	0.25	0.15	0	0	0	0	0	0	0	0
4/10/2023 10:00	58401 MORO_T1	1	4	3	0.2	0.4	0.2	0	0	0	0	0	0	0	0
4/10/2023 10:00	29402 BELT_T1	113	102	-11	1.05	0.69	-0.36	0	0	0	0	0	0	0	0
4/10/2023 10:00	61302 EARL_T1	1	1	0	0.3	0.5	0.2	0	0	0	0	0	0	0	0
4/10/2023 10:00	65604 QVIL_T2	0	0	0	0	0	0.9	0.99	0	0	0	0	0	0	0
4/10/2023 10:00	44901 SCOT_T2	19	19	0	0.37	0.39	0.02	0.05	0.11	0	0	0	0	0	0
4/10/2023 10:00	67502 WEWI_T2	1	2	1	1.3	0.85	-0.45	-0.28	-0.17	0	0	0	0	0	0
4/10/2023 10:00	56601 HAMP_T1	0	1	1	0	0.2	0.2	-0.15	-0.14	0	0	0	0	0	0
4/10/2023 10:00	48901 FOSP_T2	2	1	-1	0.35	0	-0.35	0	0	0	0	0	0	0	0
4/10/2023 10:00	45303 WBER_T2	0	0	0	0	0	0	0.32	0.32	0	0	0	0	0	0
4/10/2023 10:00	44904 SCOT_T1	0	0	0	0	0	0	0.61	0.63	0	0	0	0	0	0
4/10/2023 10:00	20801 LOPO_T1	0	1	1	0	0	0	0.11	0.11	0	0	0	0	0	0
4/10/2023 10:00	29402 BELT_T1	113	102	-11	1.05	0.69	-0.36	0	0	0	0	0	0	0	0
4/10/2023 10:05	42502 ALTA_T2	0	3	3	0	0	0	0	0	0	0	0	0	0	0
4/10/2023 10:36	42802 SELI_T1	1	3	2	0.3	0.53	0.23	0	0	1	1	0	900	900	0
4/10/2023 11:44	42802 SELI_T1	0	2	2	0	0.25	0.25	0	0	0	0	0	0	0	0
4/10/2023 11:47	42802 SELI_T1	0	2	2	0	0.5	0.5	0	0	0	0	0	0	0	0
4/10/2023 11:47	60801 BUCK_T1	17	52	35	0.21	0.29	0.08	0	0	0	0	0	0	0	0
4/10/2023 11:50	53501 EVIL_T2	8	8	0	1.19	0.9	-0.29	-0.11	0.43	1	0	-1	600	0	-600
4/10/2023 11:50	42802 SELI_T1	0	2	2	0	0.5	0.5	0	0	0	0	0	0	0	0
4/10/2023 11:51	67503 WEWI_T2	2	4	2	0.35	0.15	-0.2	0	0	0	0	0	0	0	0
4/10/2023 11:51	59102 WALK_T2	1	6	5	0.5	0.78	0.28	0	0	0	0	0	0	0	0
4/10/2023 11:51	41802 GOCI_T2	2	20	18	0.1	0.26	0.16	0	0	0	0	0	0	0	0
4/10/2023 11:58	67502 WEWI_T2	5	11	6	0.62	0.51	-0.11	0	0	0	0	0	0	0	0
4/10/2023 11:59	20801 LOPO_T1	0	0	0	0	0	0	0.11	0.1	0	0	0	0	0	0
4/10/2023 12:03	57603 RUTH_T2	0	2	2	0	0.2	0.2	0	0	0	0	0	0	0	0
4/10/2023 12:03	53501 EVIL_T2	8	7	-1	0.9	0.59	-0.31	-0.11	0.43	0	0	0	0	0	0
4/10/2023 12:05	58402 MORO_T1	0	3	3	0	0.23	0.23	-1.27	-1.27	2	2	0	1500	1500	0
4/10/2023 12:54	17501 FACT_T1	5	5	0	0.54	0.48	-0.06	0	0	0	0	0	0	0	0
4/10/2023 13:13	40501 CRES_T2	1	0	-1	0.1	0	-0.1	0	0	0	0	0	0	0	0
4/10/2023 16:25	51301 WIND_T1	258	230	-28	0.27	0.24	-0.03	0.44	0.44	0	0	0	0	0	0
4/10/2023 16:29	51301 WIND_T1	258	230	-28	0.27	0.24	-0.03	0	0	0	0	0	0	0	0
4/10/2023 17:37	45902 AUBU_T1	7	39	32	0.14	0.14	0	-0.78	-0.19	1	1	0	600	600	0
4/10/2023 17:53	52502 PROG_T2	0	0	0	0	0	0	0.24	0.23	0	0	0	0	0	0
4/10/2023 18:44	14801 TREI_T2	0	0	0	0	0	0	0.23	0.23	0	0	0	0	0	0
4/10/2023 19:20	42701 AUGU_T1	0	0	0	0	0	0	0	0	1	1	0	600	600	0
4/10/2023 19:27	45902 AUBU_T1	0	0	0	0	0	0	-0.29	-0.28	0	0	0	0	0	0
4/10/2023 19:38	61801 EEU_T2	1	1	0	0.5	0.5	0	-1.86	-1.78	2	2	0	1200	1200	0
4/10/2023 19:40	64802 MONE_T2	0	0	0	0	0	0	0.09	0.08	0	0	0	0	0	0
4/10/2023 19:45	57602 RUTH_T2	0	0	0	0	0	0	0.05	0.04	0	0	0	0	0	0
4/10/2023 19:45	50201 HARR_T3	2	2	0	5.25	5.4	0.15	0	0	0	0	0	0	0	0
4/10/2023 20:32	67502 WEWI_T2	0	18	18	0	0.11	0.11	-0.53	-0.47	0	0	0	0	0	0
4/10/2023 20:33	20801 LOPO_T1	0	0	0	0	0	0	0.11	0.1	0	0	0	0	0	0
4/10/2023 23:23	45902 AUBU_T1	0	0	0	0	0	0	-0.71	-0.68	1	1	0	600	600	0
4/10/2023 23:37	41801 GOCI_T2	251	259	8	0.39	0.41	0.02	0	0	0	0	0	0	0	0
4/10/2023 23:49	52502 PROG_T2	0	0	0	0	0	0	0.12	0.07	0	0	0	0	0	0
4/11/2023 0:24	65604 QVIL_T2	0	0	0	0	0	0	0.13	0.13	0	0	0	0	0	0
4/11/2023 0:28	52502 PROG_T2	0	0	0	0	0	0	0.11	0.15	0	0	0	0	0	0
4/11/2023 0:28	45902 AUBU_T1	0	0	0	0	0	0	-0.87	-0.75	1	1	0	600	600	0
4/11/2023 0:28	20801 LOPO_T1	0	0	0	0	0	0	0.06	0.07	0	0	0	0	0	0
4/11/2023 0:28	41801 GOCI_T2	46	113	67	0.16	0.27	0.11	0	0	0	0	0	0	0	0
4/11/2023 0:28	53501 EVIL_T2	14	22	8	1.1	1	-0.1	-1.51	-1.36	0	0	0	0	0	0
4/11/2023 0:29	65604 QVIL_T2	0	0	0	0	0	0	0.13	0.13	0	0	0	0	0	0
4/11/2023 0:43	47401 PENS_T1	0	0	0	0	0	0	0.43	0.47	0	0	0	0	0	0
4/11/2023 0:45	45902 AUBU_T1	0	0	0	0	0	0	-0.75	-0.79	1	1	0	600	600	0
4/11/2023 0:55	47401 PENS_T1	0	0	0	0	0	0	0.47	0.42	0	0	0	0	0	0
4/11/2023 1:01	17501 FACT_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
4/11/2023 1:08	40502 CRES_T2	0	1	1	0	0.1	0.1	0.31	0.31	0	0	0	0	0	0
4/11/2023 1:13	42802 SELI_T1	1	1	0	1	0.8	-0.2	0	0	0	0	0	0	0	0
4/11/2023 1:17	17501 FACT_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
4/11/2023 1:19	42802 SELI_T1	1	1	0	0.8	0.8	0	0	0	0	0	0	0	0	0
4/11/2023 1:22	40502 CRES_T2	1	0	-1	0.1	0	-0.1	0.31	0.31	0	0	0	0	0	0
4/11/2023 1:23	42802 SELI_T1	1	1	0	0.8	0.8	0	0	0	0	0	0	0	0	0
4/11/2023 1:24	42802 SELI_T1	1	1	0	0.8	0.8	0	0	0	0	0	0	0	0	0
4/11/2023 1:25	42701 AUGU_T1	1	1	0	0.1	0.2	0.1	0	0	1	1	0	600	600	0
4/11/2023 1:32	64802 MONE_T2	0	0	0	0	0	0	0.07	0.04	0	0	0	0	0	0
4/11/2023 1:34	42802 SELI_T1	1	1	0	0.8	0.9	0.1	0	0	0	0	0	0	0	0
4/11/2023 1:34	57602 RUTH_T2	2	2	0	0.5	0.8	0.3	0	0	0	0	0	0	0	0
4/11/2023 1:35	60801 BUCK_T1	187	185	-2	0.96	0.93	-0.03	0	0	0	0	0	0	0	0
4/11/2023 1:37	42802 SELI_T1	1	1	0	0.8	0.9	0.1	0	0	0	0	0	0	0	0
4/11/2023 1:38	42701 AUGU_T1	1	1	0	0.1	0.2	0.1	0	0	1	1	0	600	600	0
4/11/2023 1:40	59101 WALK_T2	0	0	0	0	0	0	0.87	0.86	0	0	0	0	0	0
4/11/2023 1:41	45902 AUBU_T1	0	0	0	0	0	0	-0.97	-1.04	1	1	0	600	600	0
4/11/2023 1:42	45902 AUBU_T1	0	0	0	0	0	0	-0.97	-1.04	1	1	0	600	600	0
4/11/2023 1:49	60803 BUCK_T1	0	0	0	0	0	0	-1.19	-1.17	1	1	0	600	600	0
4/11/2023 1:50	59101 WALK_T2	0	0	0	0	0	0	0.86	0.74	0	0	0	0	0	0
4/11/2023 1:51	64802 MONE_T2	0	0	0	0	0	0	0.06	0.1	0	0	0	0	0	0
4/11/2023 1:51	56803 BENV_T1	8	10	2	0.34	0.29	-0.05	0	0	0	0	0	0	0	0
4/11/2023 1:53	58402 MORO_T1	0	0	0	0	0	0	-0.55	-0.53	1	1	0	600	600	0
4/11/2023 1:54	58402 MORO_T1	0	0	0	0	0	0	-0.55	-0.53	1	1	0	600	600	0
4/11/2023 1:57	56801 BENV_T1	32	38	6	1.23	1.08	-0.15	-0.29	-0.25	0	0	0	0	0	0
4/11/2023 1:59	67503 WEWI_T2	0	0	0	0	0	0	-0.46	-0.46	0	0	0	0	0	0
4/11/2023 2:07	65604 QVIL_T2	0	0	0	0	0	0	0.16	0.16	0	0	0	0	0	0
4/11/2023 2:07	61801 EEU_T2	1	1	0	0.1	0.1	0	-1.84	-1.86	2	2	0	1200	1200	0
4/11/2023 2:13	61801 EEU_T2	1	1	0	0.1	0.1	0	-1.84	-1.86	2	2	0	1200	1200	0
4/11/2023 2:17	67503 WEWI_T2	0	0	0	0	0	0	-0.46	-0.43	0	0	0	0	0	0
4/11/2023 2:21	61303 EARL_T1	0	0	0	0	0	0	0.19	0.17	0	0	0	0	0	0
4/11/2023 2:28	61303 EARL_T1	0	0	0	0	0	0	0.19	0.17	0	0	0	0	0	0
4/11/2023 2:33	20801 LOPO_T1	0	0	0	0	0	0	0.07	0.07	0	0	0	0	0	0
4/11/2023 2:49	20801 LOPO_T1	0	0	0	0	0	0	0.07	0.08	0	0	0	0	0	0
4/11/2023 3:01	17501 FACT_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
4/11/2023 3:04	65604 QVIL_T2	0	0	0	0	0	0	0.17	0.15	0	0	0	0	0	0
4/11/2023 3:04	42802 SELI_T1	1	1	0	1	0.8	-0.2	0	0	0	0	0	0	0	0
4/11/2023 3:05	42701 AUGU_T1	0	0	0	0	0	0	0	0	1	1	0	600	600	0
4/11/2023 3:07	61801 EEU_T2	0	0	0	0	0	0	-1.84	-1.78	2	2	0	1200	1200	0
4/11/2023 3:07	65604 QVIL_T2	0	0	0	0	0	0	0.17	0.15	0	0	0	0	0	0
4/11/2023 3:09	42802 SELI_T1	1	1	0	1	0.8	-0.2	0	0	0	0	0	0	0	0
4/11/2023 3:09	52502 PROG_T2	0	0	0	0	0	0	0.14	0.19	0	0	0	0	0	0
4/11/2023 3:11	56801 BENV_T1	31	29	-2	1.1	0.8	-0.3	-0.24	-0.25	0	0	0	0	0	0
4/11/2023 3:12	64802 MONE_T2	0	0	0	0	0	0	0.11	0.11	0	0	0	0	0	0
4/11/2023 3:13	42802 SELI_T1	1	1	0	1	0.8	-0.2	0	0	0	0	0	0	0	0
4/11/2023 3:13	20801 LOPO_T1	0	0	0	0	0	0	0.08	0.08	0	0	0	0	0	0
4/11/2023 3:14	29402 BELT_T1	92	95	3	0.87	0.83	-0.04	0	0	0	0	0	0	0	0
4/11/2023 3:15	60803 BUCK_T1	0	1	0	0.6	0.4	-0.2	-1.15	-1.12	1	1	0	600	600	0
4/11/2023 3:17	41801 GOCI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
4/11/2023 3:19	67503 WEWI_T2	0	0	0	0	0	0	-0.42	-0.45	0	0	0	0	0	0
4/11/2023 3:20	59101 WALK_T2	0	0	0	0	0	0	0.49	0.65	0	0	0	0	0	0
4/11/2023 3:21	61303 EARL_T1	0	0	0	0	0	0	0.16	0.17	0	0	0	0	0	0
4/11/2023 3:21	45902 AUBU_T1	0	0	0	0	0	0	-0.94	-1.01	1	1	0	600	600	0
4/11/2023 3:23	42802 SELI_T1	1	1	0	0.8	0.7	-0.1	0	0	0	0	0	0	0	0
4/11/2023 3:23	47401 PENS_T1	0	0	0	0	0	0	0.35	0.4	0	0	0	0	0	0
4/11/2023 4:28	40502 CRES_T2	1	12	11	0.1	0.21	0.11	-0.25	-0.24	0	0	0	0	0	0
4/11/2023 6:13	58402 MORO_T1	0	0	0	0	0	0	-1.17	-2.04	2	2	0	1500	1500	0
4/11/2023 10:00	52502 PROG_T2	0	0	0	0	0	0	0.26	0.22	0	0	0	0	0	0
4/11/2023 10:00	67503 WEWI_T2	0	1	1	0	0.1	0.1	-0.32	-0.32	0	0	0	0	0	0
4/11/2023 10:00	67605 WARW_T1	3	5	2	0.37	0.5	0.13	0	0	0	0	0	0	0	0
4/11/2023 10:00	57601 RUTH_T2	0	0	0	0	0	0	-0.24	-0.33	1	1	0	900	900	0
4/11/2023 10:00	56601 HAMP_T1	0	0	0	0	0	0	-0.14	-0.15	0	0	0	0	0	0
4/11/2023 10:00	12601 MACA_T1	0	1	1	0	0.5	0.5	0	0	0	0	0	0	0	0
4/11/2023 10:00	61303 EARL_T1	0	0	0	0	0	0	1.1	1.13	0	0	0	0	0	0
4/11/2023 10:00	60803 BUCK_T1	1	0	-1	0.3	0	-0.3	-0.95	-0.99	1	1	0	600	600	0
4/11/2023 10:00	41801 GOCI_T2	83	190	107	0.26	0.37	0.11	0	0	0	0	0	0	0	0
4/11/2023 10:00	59101 WALK_T2	0	1	1	0	0.8	0.8	1.65	1.7	0	0	0	0	0	0
4/11/2023 10:00	52502 PROG_T2	0	0	0	0	0	0	0.26	0.22	0	0	0	0	0	0
4/11/2023 10:00	17501 FACT_T1	0	1	1	0	0.1	0.1	0	0	0	0	0	0	0	0
4/11/2023 10:00	58401 MORO_T1	3	3	0	0.3	0.3	0	0	0	0	0	0	0	0	0
4/11/2023 10:00	40502 CRES_T2	0	12	12	0	0.22	0.22	0.02	0	0	0	0	0	0	0
4/11/2023 10:00	51303 WIND_T1	482	223	-259	0.3	0.2	-0.1	0	0	0	0	0	0	0	0
4/11/2023 10:00	64802 MONE_T2	2	3	1	0.35	0.33	-0.02	0.07	0.07	0	0	0	0	0	0
4/11/2023 10:00	51301 WIND_T1	158	48	-110	0.24	0.39	0.15	0.44	0.42	0	0	0	0	0	0
4/11/2023 10:00	47403 PENS_T1	1	2	1	2.1	1.3	-0.8	0	0	0	0	0	0	0	0
4/11/2023 10:00	44902 SCOT_T2	1	1	0	0.3	0.5	0.2	0	0	0	0	0	0	0	0
4/11/2023 10:00	57602 RUTH_T2	2	2	0	0.6	0.4	-0.2	-0.02	0.01	0	0	0	0	0	0
4/11/2023 10:00	53501 EVIL_T2	5	3	-2	0.22	0.37	0.15	-0.5	-0.35	2	2	0	1200	1200	0
4/11/2023 10:00	20801 LOPO_T1	0	0	0	0	0	0	0.08	0.09	0	0	0	0	0	0
4/11/2023 10:00	64802 MONE_T2	2	3	1	0.35	0.33	-0.02	0.07	0.07	0	0	0	0	0	0
4/11/2023 10:00	67503 WEWI_T2	0	1	1	0	0.1	0.1	-0.32	-0.32	0	0	0	0	0	0
4/11/2023 10:00	56801 BENV_T1	55	67	12	0.98	1.24	0.26	-0.32	-0.32	0	0	0	0	0	0
4/11/2023 10:00	61801 EEU_T2	3	1	-2	0.2	0.2	0	-0.78	-0.84	0	0	0	0	0	0
4/11/2023 10:00	29402 BELT_T1	121	127	6	1.33	1.25	-0.08	0	0	0	0	0	0	0	0
4/11/2023 10:00	65604 QVIL_T2	0	0	0	0	0	0	0.78	0.78	0	0	0	0	0	0
4/11/2023 10:00	42802 SELI_T1	0	3	3	0	0.53	0.53	0	0	0	4	4	0	3600	3600
4/11/2023 10:00	42701 AUGU_T1	1	0	-1	0.1	0	-0.1	0	0	1	1	0	600	600	0
4/11/2023 10:00	45902 AUBU_T1	0	0	0	0	0	0	-1.08	-0.89	2	2	0	1200	1200	0
4/11/2023 10:58	42802 SELI_T1	1	0	-1	0.1	0	-0.1	0	0	1	1	0	900	900	0
4/11/2023 11:55	50201 HARR_T3	4	3	-1	0.35	0.4	0.05	0	0	0	0	0	0	0	0
4/11/2023 12:06	46302 ROHR_T1	1	4	3	2.3	1.33	-0.97	0.09	0.07	0	0	0	0	0	0
4/11/2023 12:13	53501 EVIL_T2	14	17	3	0.77	1.04	0.27	-0.24	-0.17	1	1	0	600	600	0
4/11/2023 13:06	67502 WEWI_T2	23	39	16	0.48	0.38	-0.1	-0.19	-0.23	0	0	0	0	0	0
4/11/2023 13:15	41901 REED_T1	2	2	0	0.25	0.4	0.15	0	0	0	0	0	0	0	0
4/11/2023 13:33	59102 WALK_T2	0	1	1	0	0.1	0.1	0	0	0	0	0	0	0	0
4/11/2023 13:40	58401 MORO_T1	3	3	0	0.43	0.2	-0.23	0	0	0	0	0	0	0	0
4/11/2023 13:44	56801 BENV_T1	192	170	-22	0.78	0.79	0.01	-0.17	-0.19	0	0	0	0	0	0
4/11/2023 13:52	59101 WALK_T2	1	1	0	0.3	0.9	0.6	1.98	1.63	0	0	0	0	0	0
4/11/2023 13:53	45001 LIME_2	1	2	1	0.6	0.15	-0.45	0	0	0	0	0	0	0	0
4/11/2023 13:59	51301 WIND_T1	74	88	14	0.45	0.41	-0.04	0.4	0.42	0	0	0	0	0	0
4/11/2023 14:06	51303 WIND_T1	207	632	425	0.17	0.29

Appendix C - Grid Benefits Achieved in Each Instance of Active Management

4/12/2023 1:33	42802 SELI_T1	1	1	0	1.5	1.5	0	0	0	0	0	0	0	0
4/12/2023 1:37	42802 SELI_T1	1	1	0	1.5	1.5	0	0	0	0	0	0	0	0
4/12/2023 1:39	45901 AUBU_T1	0	0	0	0	0	0	2.12	2.16	0	0	0	0	0
4/12/2023 1:39	42802 SELI_T1	1	1	0	1.5	1.5	0	0	0	0	0	0	0	0
4/12/2023 1:43	42802 SELI_T1	1	1	0	1.5	1.5	0	0	0	0	0	0	0	0
4/12/2023 1:43	53501 EVIL_T2	17	20	3	0.93	0.89	-0.04	-0.67	-0.7	0	0	0	0	0
4/12/2023 1:45	64802 MONE_T2	0	0	0	0	0	0	0.06	0.03	0	0	0	0	0
4/12/2023 1:47	56801 BENV_T1	48	59	11	1.37	1.23	-0.14	-0.35	-0.35	0	0	0	0	0
4/12/2023 1:47	41902 REED_T1	0	1	1	0	0.1	0.1	0.61	0.61	0	0	0	0	0
4/12/2023 1:48	56801 BENV_T1	48	59	11	1.37	1.23	-0.14	-0.35	-0.35	0	0	0	0	0
4/12/2023 1:53	46302 ROHR_T1	3	3	0	0.63	1.4	0.77	0	0	0	0	0	0	0
4/12/2023 1:54	46302 ROHR_T1	3	3	0	0.63	1.4	0.77	0	0	0	0	0	0	0
4/12/2023 1:56	53501 EVIL_T2	19	22	3	0.89	1.1	0.21	-0.7	-0.71	0	0	0	0	0
4/12/2023 1:57	64802 MONE_T2	0	0	0	0	0	0	0.03	0.03	0	0	0	0	0
4/12/2023 1:58	51301 WIND_T1	3	3	0	1	1.13	0.13	0.16	0.15	0	0	0	0	0
4/12/2023 2:00	20603 GRWO_T2	0	0	0	0	0	0	0.24	0.23	0	0	0	0	0
4/12/2023 2:02	56803 BENV_T1	17	21	4	1.09	1.01	-0.08	0	0	0	0	0	0	0
4/12/2023 2:02	65602 QVIL_T2	46	46	0	0.86	1.03	0.17	0	0	0	0	0	0	0
4/12/2023 2:03	56801 BENV_T1	52	57	5	1.28	1.26	-0.02	-0.35	-0.35	0	0	0	0	0
4/12/2023 2:03	42802 SELI_T1	1	1	0	1.3	1.6	0.3	0	0	0	0	0	0	0
4/12/2023 2:05	64802 MONE_T2	0	0	0	0	0	0	0.03	0.03	0	0	0	0	0
4/12/2023 2:06	65604 QVIL_T2	0	2	2	0	0.25	0.25	0.12	0.11	0	0	0	0	0
4/12/2023 2:07	56803 BENV_T1	17	21	4	1.09	1.01	-0.08	0	0	0	0	0	0	0
4/12/2023 2:08	56801 BENV_T1	52	57	5	1.28	1.26	-0.02	-0.35	-0.33	0	0	0	0	0
4/12/2023 2:10	51301 WIND_T1	3	3	0	0.93	1.13	0.2	0.15	0.13	0	0	0	0	0
4/12/2023 2:12	47402 PENS_T1	0	1	1	0	0.3	0.3	0	0	0	0	0	0	0
4/12/2023 2:13	42802 SELI_T1	1	1	0	1.3	1.6	0.3	0	0	0	0	0	0	0
4/12/2023 2:15	45901 AUBU_T1	0	0	0	0	0	0	2.19	2.16	0	0	0	0	0
4/12/2023 2:17	42802 SELI_T1	1	1	0	1.6	1.6	0	0	0	0	0	0	0	0
4/12/2023 2:17	42201 SHEN_T2	1	1	0	0.2	0.1	-0.1	-0.11	-0.11	1	1	0	600	600
4/12/2023 2:18	29402 BELT_T1	152	147	-5	0.79	0.81	0.02	0	0	0	0	0	0	0
4/12/2023 2:22	44904 SCOT_T1	0	0	0	0	0	0	0.55	0.59	0	0	0	0	0
4/12/2023 2:25	42501 ALTA_T2	0	0	0	0	0	0	-0.23	-0.2	1	1	0	600	600
4/12/2023 2:30	42201 SHEN_T2	1	0	-1	0.1	0	-0.1	-0.11	-0.1	1	1	0	600	600
4/12/2023 3:10	53501 EVIL_T2	21	21	0	0.94	0.85	-0.09	-0.71	-0.69	0	0	0	0	0
4/12/2023 3:11	46302 ROHR_T1	3	3	0	0.9	1.1	0.2	0	0	0	0	0	0	0
4/12/2023 3:18	51301 WIND_T1	3	3	0	1.17	1.17	0	0.15	0.13	0	0	0	0	0
4/12/2023 4:10	56801 BENV_T1	41	43	2	1.49	1.33	-0.16	-0.33	-0.31	0	0	0	0	0
4/12/2023 4:10	42802 SELI_T1	1	1	0	1.7	1.6	-0.1	0	0	0	0	0	0	0
4/12/2023 4:10	67503 WEWI_T2	0	0	0	0	0	0	-0.43	-0.42	0	0	0	0	0
4/12/2023 4:17	42201 SHEN_T2	0	0	0	0	0	0	-0.12	-0.12	1	1	0	600	600
4/12/2023 8:09	57602 RUTH_T2	2	2	0	0.1	0.15	0.05	0	0	0	0	0	0	0
4/12/2023 8:26	57601 RUTH_T2	0	0	0	0	0	0	-0.19	-0.09	1	1	0	900	900
4/12/2023 8:34	57601 RUTH_T2	0	0	0	0	0	0	-0.09	-0.25	1	1	0	900	900
4/12/2023 10:00	59102 WALK_T2	3	1	-2	0.33	0.7	0.37	0	0	0	0	0	0	0
4/12/2023 10:00	64802 MONE_T2	1	3	2	0.6	0.57	-0.03	0.24	0.23	0	0	0	0	0
4/12/2023 10:00	56803 BENV_T1	13	13	0	0.85	0.91	0.06	0	0	0	0	0	0	0
4/12/2023 10:00	52503 PROG_T2	0	0	0	0	0	0	-0.72	-0.69	1	1	0	900	900
4/12/2023 10:00	67502 WEWI_T2	47	45	-2	0.24	0.28	0.04	-0.22	-0.17	0	0	0	0	0
4/12/2023 10:00	57602 RUTH_T2	2	1	-1	0.15	0.1	-0.05	0.14	0.11	0	0	0	0	0
4/12/2023 10:00	64802 MONE_T2	1	3	2	0.6	0.57	-0.03	0.24	0.23	0	0	0	0	0
4/12/2023 10:00	41902 REED_T1	0	0	0	0	0	0	0.98	0.96	0	0	0	0	0
4/12/2023 10:00	46302 ROHR_T1	0	2	2	0	0.15	0.15	0	0	0	0	0	0	0
4/12/2023 10:00	42204 SHEN_T2	0	1	1	0	0	0	0	0	0	0	0	0	0
4/12/2023 10:00	51301 WIND_T1	142	113	-29	0.3	0.32	0.02	0.46	0.39	0	0	0	0	0
4/12/2023 10:00	67502 WEWI_T2	47	45	-2	0.24	0.28	0.04	-0.22	-0.17	0	0	0	0	0
4/12/2023 10:00	67604 WARW_T1	0	0	0	0	0	0	-0.18	-0.01	0	0	0	0	0
4/12/2023 10:00	65604 QVIL_T2	0	0	0	0	0	0	0.79	0.82	0	0	0	0	0
4/12/2023 10:00	63803 HEMP_T1	1	1	0	0.1	0.3	0.2	0	0	0	0	0	0	0
4/12/2023 10:00	45901 AUBU_T1	0	0	0	0	0	0	4.68	4.41	0	0	0	0	0
4/12/2023 10:00	20603 GRWO_T2	1	1	0	0.2	0.5	0.3	0.37	0.37	0	0	0	0	0
4/12/2023 10:00	53501 EVIL_T2	6	7	1	0.53	0.74	0.21	0.19	0.21	1	1	0	600	600
4/12/2023 10:00	58401 MORO_T1	1	1	0	0.3	0.4	0.1	0	0	0	0	0	0	0
4/12/2023 10:00	56601 HAMP_T1	0	1	1	0	0.2	0.2	-0.07	-0.06	0	0	0	0	0
4/12/2023 10:00	51303 WIND_T1	502	340	-162	0.22	0.21	-0.01	0	0	0	0	0	0	0
4/12/2023 10:00	42802 SELI_T1	0	0	0	0	0	0	0	0	4	4	0	3600	3600
4/12/2023 10:00	45003 LIME_2	2	1	-1	1.85	2.8	0.95	0	0	1	1	0	1200	1200
4/12/2023 10:00	40601 PIGR_T1	1	3	2	0.1	0.23	0.13	0	0	0	0	0	0	0
4/12/2023 10:00	12604 MACA_T1	0	0	0	0	0	0	0.24	0.24	0	0	0	0	0
4/12/2023 11:05	42802 SELI_T1	0	0	0	0	0	0	0	0	1	1	0	900	900
4/12/2023 11:38	45902 AUBU_T1	1	2	1	0.2	0.3	0.1	-0.56	-0.51	1	1	0	600	600
4/12/2023 11:44	65604 QVIL_T2	0	0	0	0	0	0	0.42	0.4	0	0	0	0	0
4/12/2023 11:50	56801 BENV_T1	59	57	-2	1.07	1.04	-0.03	-0.15	-0.13	0	0	0	0	0
4/12/2023 11:53	42201 SHEN_T2	0	1	1	0	0.2	0.2	-0.02	-0.03	1	1	0	600	600
4/12/2023 12:48	47402 PENS_T1	1	0	-1	0.1	0	-0.1	0	0	0	0	0	0	0
4/12/2023 13:19	65603 QVIL_T2	0	0	0	0	0	0	-0.41	-0.39	0	0	0	0	0
4/12/2023 13:37	42701 AUGU_T1	0	0	0	0	0	0	0	0	1	1	0	600	600
4/12/2023 13:43	59102 WALK_T2	1	0	-1	0.8	0	-0.8	0	0	0	0	0	0	0
4/12/2023 13:56	60801 BUCK_T1	11	134	123	0.25	0.37	0.12	0	0	0	0	0	0	0
4/12/2023 14:02	59101 WALK_T2	0	0	0	0	0	0	1.51	1.82	0	0	0	0	0
4/12/2023 14:03	56803 BENV_T1	11	12	1	0.58	0.53	-0.05	0	0	0	0	0	0	0
4/12/2023 14:08	56801 BENV_T1	49	51	2	0.78	0.94	0.16	-0.13	-0.11	0	0	0	0	0
4/12/2023 14:26	24101 EHAZ_T1	2	2	0	0.5	0.5	0	1.31	1.26	1	1	0	600	600
4/12/2023 14:41	61303 EARL_T1	0	1	1	0	0	0	0.32	0.33	0	0	0	0	0
4/12/2023 14:44	29401 BELT_T1	1	1	0	0.2	0.1	-0.1	0	0	0	0	0	0	0
4/12/2023 15:01	67502 WEWI_T2	4	5	1	0.25	0.32	0.07	-0.14	-0.16	0	0	0	0	0
4/12/2023 15:04	67502 WEWI_T2	4	5	1	0.25	0.32	0.07	-0.16	-0.13	0	0	0	0	0
4/12/2023 15:29	40201 BEGA_T2	9	36	27	0.43	0.27	-0.16	0	0	0	0	0	0	0
4/12/2023 16:12	42802 SELI_T1	0	0	0	0	0	0	0	0	1	1	0	900	900
4/12/2023 16:23	59102 WALK_T2	2	2	0	0.35	0.7	0.35	0	0	0	0	0	0	0
4/12/2023 17:20	67502 WEWI_T2	0	0	0	0	0	0	-0.29	-0.26	0	0	0	0	0
4/12/2023 17:21	61801 EEU_T2	0	0	0	0	0	0	-1.18	-1.16	2	2	0	1200	1200
4/12/2023 17:21	67204 TEHI_T2	0	0	0	0	0	0	0.08	-0.56	0	0	0	0	0
4/12/2023 17:22	61303 EARL_T1	0	0	0	0	0	0	0.17	0.2	0	0	0	0	0
4/12/2023 17:23	56803 BENV_T1	7	4	-3	1.23	1.9	0.67	0	0	0	0	0	0	0
4/12/2023 20:30	24101 EHAZ_T1	0	9	9	0	0	0	0.77	0.74	0	0	0	0	0
4/12/2023 20:46	29402 BELT_T1	100	113	13	0.7	1.03	0.33	0	0	0	0	0	0	0
4/12/2023 21:00	67502 WEWI_T2	0	2	2	0	0.1	0.1	-1.31	-1.4	1	1	0	900	900
4/12/2023 22:36	65602 QVIL_T2	43	45	2	0.56	0.57	0.01	0	0	0	0	0	0	0
4/12/2023 22:36	45902 AUBU_T1	0	0	0	0	0	0	-0.61	-0.64	1	1	0	600	600
4/13/2023 0:28	65603 QVIL_T2	0	0	0	0	0	0	-0.67	-0.67	0	0	0	0	0
4/13/2023 0:28	59101 WALK_T2	0	0	0	0	0	0	2.26	2.22	0	0	0	0	0
4/13/2023 0:28	56803 BENV_T1	15	16	1	0.9	1.23	0.33	0	0	0	0	0	0	0
4/13/2023 0:28	47402 PENS_T1	0	1	1	0	0.1	0.1	0	0	0	0	0	0	0
4/13/2023 0:28	45901 AUBU_T1	0	0	0	0	0	0	1.63	1.58	0	0	0	0	0
4/13/2023 0:28	60803 BUCK_T1	0	2	2	0	0.1	0.1	-1.76	-1.75	1	1	0	600	600
4/13/2023 0:28	53501 EVIL_T2	15	18	3	0.91	1.12	0.21	-0.68	-0.64	0	0	0	0	0
4/13/2023 0:28	42701 AUGU_T1	1	1	0	0.3	0.8	0.5	0	0	1	1	0	600	600
4/13/2023 0:28	42802 SELI_T1	1	1	0	1.2	1.4	0.2	0	0	0	0	0	0	0
4/13/2023 0:28	40201 BEGA_T2	90	103	13	0.24	0.33	0.09	0	0	0	0	0	0	0
4/13/2023 0:28	61801 EEU_T2	0	0	0	0	0	0	-1.72	-1.68	2	2	0	1200	1200
4/13/2023 0:28	61303 EARL_T1	0	0	0	0	0	0	0.56	0.64	0	0	0	0	0
4/13/2023 0:57	42201 SHEN_T2	0	0	0	0	0	0	0.55	0.54	0	0	0	0	0
4/13/2023 10:00	60801 BUCK_T1	1	1	0	0.1	0.4	0.3	0	0	0	0	0	0	0
4/13/2023 10:00	29401 BELT_T1	1	2	1	0.2	0.15	-0.05	0	0	0	0	0	0	0
4/13/2023 10:00	47403 PENS_T1	1	7	6	2	0.4	-1.6	0	0	0	0	0	0	0
4/13/2023 10:00	52503 PROG_T2	0	1	1	0	0	0	-0.66	-0.64	1	1	0	900	900
4/13/2023 10:00	67204 TEHI_T2	0	0	0	0	0	0	-0.11	-0.11	0	0	0	0	0
4/13/2023 10:00	65604 QVIL_T2	0	0	0	0	0	0	0.8	0.84	0	0	0	0	0
4/13/2023 10:00	51301 WIND_T1	20	28	8	0.62	0.66	0.04	0	0	0	0	0	0	0
4/13/2023 10:00	67502 WEWI_T2	2	4	2	0.6	0.45	-0.15	-0.19	-0.16	0	0	0	0	0
4/13/2023 10:00	67604 WARW_T1	0	0	0	0	0	0	-0.01	-0.01	0	0	0	0	0
4/13/2023 10:00	24105 EHAZ_T1	4	4	0	6.03	5.9	-0.13	0	0	0	0	0	0	0
4/13/2023 10:00	56801 BENV_T1	56	49	-7	1.11	0.9	-0.21	-0.6	-0.66	0	0	0	0	0
4/13/2023 10:00	61801 EEU_T2	0	0	0	0	0	0	-0.96	-0.98	2	2	0	1200	1200
4/13/2023 10:00	64802 MONE_T2	1	2	1	0.6	0.45	-0.15	0	0	0	0	0	0	0
4/13/2023 10:00	65604 QVIL_T2	0	0	0	0	0	0	0.8	0.84	0	0	0	0	0
4/13/2023 10:00	45901 AUBU_T1	0	0	0	0	0	0	2.08	2.07	0	0	0	0	0
4/13/2023 10:00	41901 REED_T1	0	2	2	0	0.1	0.1	0	0	0	0	0	0	0
4/13/2023 10:00	61303 EARL_T1	0	0	0	0	0	0	1.34	1.44	0	0	0	0	0
4/13/2023 10:00	59101 WALK_T2	0	1	1	0	0.5	0.5	3.84	4.14	0	0	0	0	0
4/13/2023 10:00	42802 SELI_T1	0	2	2	0	0.7	0.7	0	0	3	3	0	2700	2700
4/13/2023 10:00	45902 AUBU_T1	0	0	0	0	0	0	-0.55	-0.55	1	1	0	600	600
4/13/2023 10:00	42701 AUGU_T1	1	9	8	0.8	0.34	-0.46	0	0	2	2	0	1800	1800
4/13/2023 10:00	56601 HAMP_T1	0	0	0	0	0	0	-0.15	-0.08	0	0	0	0	0
4/13/2023 10:00	40201 BEGA_T2	4	2	-2	0.43	1	0.57	0	0	0	0	0	0	0
4/13/2023 10:00	42201 SHEN_T2	0	1	1	0	0.2	0.2	0.01	0.01	1	1	0	600	600
4/13/2023 19:14	53501 EVIL_T2	2	2	0	0.3	0.35	0.05	-0.99	-1.02	0	1	1	0	600
4/14/2023 10:00	67604 WARW_T1	0	0	0	0	0	0	-0.01	-0.01	0	0	0	0	0
4/14/2023 10:00	12601 MACA_T1	0	1	1	0	0.4	0.4	0	0	0	0	0	0	0
4/14/2023 10:00	52503 PROG_T2	0	0	0	0	0	0	-0.64	-0.61	1	1	0	900	900
4/14/2023 10:00	64802 MONE_T2	1	3	2	0.6	0.37	-0.23	0	0	0	0	0	0	0
4/14/2023 10:00	56601 HAMP_T1	0	1	1	0	0.1	0.1	-0.14	-0.2	0	0	0	0	0
4/14/2023 10:34	47401 PENS_T1	3	3	0	0.33	0.47	0.14	1.07	1.07	0	0	0	0	0
4/14/2023 10:40	42802 SELI_T1	0	0	0	0	0	0	0	0	1	1	0	900	900
4/14/2023 10:40	29402 BELT_T1	123	160	37	1.38	1.46	0.08	0	0	0	0	0	0	0
4/14/2023 12:35	65601 QVIL_T2	1	0	-1	0.1	0	-0.1	0	0	0	0	0	0	0
4/14/2023 12:51	59101 WALK_T2	0	0	0	0	0	0	1.35	1.3	0	0	0	0	0
4/14/2023 12:52	47403 PENS_T1	1	2	1	2.3	1.05	-1.25	0	0	0	0	0	0	0
4/14/2023 13:03	59102 WALK_T2	1	1	0	0.2	0.3	0.1	0	0	0	0	0	0	0
4/14/2023 13:30	45901 AUBU_T1	0	0	0	0	0	0	1.76	1.76	0	0	0	0	0
4/14/2023 13:46	42802 SELI_T1	0	0	0	0	0	0	0	0	1	1	0	900	900
4/14/2023 13:54	42201 SHEN_T2	1	2	1	1.3	1.3	0	0	0.67	0	0	0	0	0
4/14/2023 14:03	56803 BENV_T1	2	1	-1	3.3	6.4	3.1	0	0	0	0	0	0	0
4/14/2023 14:21	56801 BENV_T1	8	14	6	0.43	0.37	-0.06	-0.01	0.02	0	0	0	0	0
4/14/2023 15:22	67502 WEWI_T2	0	0	0	0	0	0	-0.12	-0.14	0	0	0	0	0
4/14/2023 15:53	65604 QVIL_T2	0	0	0	0	0	0	0.4	0.4	0	0	0	0	0
4/14/2023 16:02	65604 QVIL_T2	0	0	0	0	0	0	0.4	0.4	0	0	0	0	0
4/14/2023 16:07	46504 LOHA_T1	0	4	4	0	0	0	0	0	0	0	0	0	0
4/14/2023 16:20	46506 LOHA_T1	1	0	-1	0.2	0	-0.2	-0.38	-0.26	0	0	0	0	0
4/14/2023 17:44	47001 HUGH_T2	0	0	0	0	0	0	0.22	0.2	0	0	0	0	0
4/14/2023 20:59	29401 BELT_T1	25	48	23	0.19	0.23	0.04	0	0	0	0	0	0	0
4/14/2023 21:24	67502 WEWI_T2	0	0	0	0	0	0	-0.28	-0.37	0	0	0	0	0
4/15/2023 0:28	29402 BELT_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
4/15/2023 0:28	42201 SHEN_T2	0	0	0	0	0	0	0.53	0	0	0	0	0	0
4/15/2023 0:28	67502 WEWI_T2	0	0	0	0	0	0	-1.53	-1.55	0	1	1	0	900
4/15/2023 0:29	42802 SELI_T1	1	2	1	0.8	1.1	0.3	0	0	0	0	0	0	0
4/15/2023 0:33	65604 QVIL_T2	0	0	0	0	0	0	0.21	0.21	0	0	0	0	0
4/15/2023 0:43	65604 QVIL_T2	0	0	0	0	0	0	0.21	0.2	0	0	0	0	0
4/15/2023 1:10	47401 PENS_T1	0	0	0	0	0	0	0.83	0.83	0	0	0	0	0
4/15/2023 1:14	47401 PENS_T1	0	0	0	0	0	0	0.83	0.83	0	0	0	0	0
4/15/2023 1:29	45901 AUBU_T1	0	0	0	0	0	0	0.89	0.89	0	0	0	0	0
4/15/2023 1:36	45901 AUBU_T1	0	0	0	0	0	0	0.89	0.88	0	0	0	0	0
4/15/2023 1:46	59101 WALK_T2	0	0	0	0	0	0	0.97	1.13	0	0	0	0	0
4/15/2023 1:52	59101 WALK_T2	0	0	0	0	0	0	1.13	1.21	0	0	0	0	0
4/15/2023 2:00	42802 SELI_T1	1	1	0	1.7	0.3	-1.4	0	0	0	0	0	0	0
4/15/2023 2:06	42802 SELI_T1	1	1	0	1.7	0.3	-1.4	0	0	0	0	0	0	0
4/15/2023 2:18	47401 PENS_T1	0	0	0	0	0	0	0.85	0.79	0	0	0	0	0
4/15/2023 2:19	56803 BENV_T1	1	4	3	6.6	1.85	-4.75	0	0	0	0	0	0	0
4/15/2023 2:21	59101 WALK_T2	0	0	0	0	0	0	1.15	1.15	0	0	0	0	0
4/15/2023 2:22	56801 BENV_T1	39	40	1	1	1.35	0.35	-0.28	-0.3	0	0	0	0	0
4/15/2023 2:22	59101 WALK_T2	0	0	0	0	0	0	1.15	1.15	0	0	0	0	0
4/15/2023 2:29	56803 BENV_T1	1	4	3	6.6	1.85	-4.75	0	0	0	0	0	0	0
4/15/2023 2:30	56801 BENV_T1	39	40	1	1.19	1.35	0.16	-0.28	-0.3	0	0	0	0	0
4/15/2023 2:33	65604 QVIL_T2	0	0	0	0	0	0	0.17	0.15	0	0	0	0	0
4/15/2023 2:35	47401 PENS_T1	0	1	1	0	0.1	0.1	0.82	0.82	0	0	0	0	0
4/15/2023 2:38	47402 PENS_T1	1	1	0	0.2	0.5	0.3	0	0	0	0

Appendix C - Grid Benefits Achieved in Each Instance of Active Management

4/17/2023 14:29	67502 WEWI_T2	2	7	5	0.2	0.27	0.07	-0.27	-0.23	0	0	0	0	0	0
4/17/2023 17:52	14802 TREI_T2	0	3	3	0	0.1	0.1	0	0	0	0	0	0	0	0
4/17/2023 17:53	56801 BENV_T1	25	27	2	1.08	0.83	-0.25	-0.2	-0.2	0	0	0	0	0	0
4/17/2023 17:54	44902 SCOT_T2	609	668	59	0.28	0.31	0.03	0	0	0	0	0	0	0	0
4/17/2023 17:56	56803 BENV_T1	9	11	2	1.07	1.02	-0.05	0	0	0	0	0	0	0	0
4/17/2023 18:16	56801 BENV_T1	22	16	-6	0.83	0.86	0.03	-0.2	-0.18	0	0	0	0	0	0
4/17/2023 20:08	42701 AUGU_T1	1	1	0	0.3	0.6	0.3	0	0	2	2	0	1800	1800	0
4/17/2023 20:52	26402 INOR_T1	0	0	0	0	0	0	-0.52	-0.54	0	0	0	0	0	0
4/18/2023 0:28	42701 AUGU_T1	1	1	0	0.3	0.4	0.1	0	0	1	1	0	600	600	0
4/18/2023 0:43	17501 FACT_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
4/18/2023 1:19	67502 WEWI_T2	0	0	0	0	0	0	-1.73	-1.73	1	1	0	900	900	0
4/18/2023 1:23	56801 BENV_T1	34	33	-1	0.79	0.78	-0.01	-0.3	-0.31	0	0	0	0	0	0
4/18/2023 1:28	42701 AUGU_T1	1	1	0	0.5	0.6	0.1	0	0	1	1	0	600	600	0
4/18/2023 1:29	56801 BENV_T1	34	33	-1	0.79	0.78	-0.01	-0.3	-0.31	0	0	0	0	0	0
4/18/2023 1:33	14801 TREI_T2	0	0	0	0	0	0	0.16	0.15	0	0	0	0	0	0
4/18/2023 1:33	44901 SCOT_T2	0	0	0	0	0	0	-0.19	-0.17	0	0	0	0	0	0
4/18/2023 1:35	59101 WALK_T2	0	0	0	0	0	0	0.93	0.89	0	0	0	0	0	0
4/18/2023 1:36	42802 SELI_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
4/18/2023 1:51	56803 BENV_T1	1	5	4	6.4	1.58	-4.82	0	0	0	0	0	0	0	0
4/18/2023 10:00	56801 BENV_T1	32	32	0	0.65	0.94	0.29	-0.42	-0.36	0	0	0	0	0	0
4/18/2023 10:00	14801 TREI_T2	0	0	0	0	0	0	0.26	0.28	0	0	0	0	0	0
4/18/2023 10:00	42701 AUGU_T1	0	0	0	0	0	0	0	0	1	1	0	600	600	0
4/18/2023 10:00	65604 QVIL_T2	0	0	0	0	0	0	0.41	0.39	0	0	0	0	0	0
4/18/2023 10:00	67502 WEWI_T2	133	226	93	0.22	0.32	0.1	-0.25	-0.31	0	0	0	0	0	0
4/18/2023 10:00	12604 MACA_T1	0	0	0	0	0	0	0.25	0.3	0	0	0	0	0	0
4/18/2023 10:00	64801 MONE_T2	3	3	0	0.4	0.6	0.2	0.21	0.2	0	0	0	0	0	0
4/18/2023 10:00	67604 WARW_T1	0	0	0	0	0	0	-0.01	-0.01	0	0	0	0	0	0
4/18/2023 10:00	52503 PROG_T2	0	0	0	0	0	0	-0.68	-0.65	1	1	0	900	900	0
4/18/2023 10:00	26402 INOR_T1	0	0	0	0	0	0	-1.07	-1.06	1	1	0	600	600	0
4/18/2023 10:00	44901 SCOT_T2	1	3	2	0.2	0.1	-0.1	0.11	0.11	0	0	0	0	0	0
4/18/2023 10:00	59101 WALK_T2	0	0	0	0	0	0	2.22	2.19	0	0	0	0	0	0
4/18/2023 10:00	42802 SELI_T1	0	0	0	0	0	0	0	0	1	1	0	900	900	0
4/18/2023 10:00	17501 FACT_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
4/18/2023 11:15	42601 TUSC_T1	1	0	-1	0.1	0	-0.1	0.5	0.55	2	2	0	1800	1800	0
4/18/2023 11:55	51305 WIND_T1	160	220	60	0.37	0.38	0.01	0.24	0.22	0	0	0	0	0	0
4/18/2023 13:08	65602 QVIL_T2	46	46	0	0.95	0.97	0.02	0	0	0	0	0	0	0	0
4/18/2023 13:12	45901 AUBU_T1	0	0	0	0	0	0	0.99	1	0	0	0	0	0	0
4/18/2023 13:19	42802 SELI_T1	0	1	1	0	0.7	0.7	0	0	1	1	0	900	900	0
4/18/2023 13:20	64101 REFR_T1	0	1	1	0	0.7	0.7	-0.21	-0.23	0	0	0	0	0	0
4/18/2023 13:20	40505 CRES_T1	0	0	0	0	0	0	0.23	0.29	0	0	0	0	0	0
4/18/2023 13:31	51305 WIND_T1	301	324	23	0.41	0.45	0.04	0	0	0	0	0	0	0	0
4/18/2023 13:32	66703 STRA_T1	12	12	0	0.34	0.48	0.14	-0.18	-0.14	0	0	0	0	0	0
4/18/2023 13:33	67503 WEWI_T2	9	10	1	0.22	0.32	0.1	0	0	0	0	0	0	0	0
4/18/2023 13:34	51303 WIND_T1	788	825	37	0.47	0.5	0.03	0	0	0	0	0	0	0	0
4/18/2023 13:36	59101 WALK_T2	0	0	0	0	0	0	2.08	2.21	0	0	0	0	0	0
4/18/2023 13:36	60801 BUCK_T1	29	39	10	0.27	0.25	-0.02	0	0	0	0	0	0	0	0
4/18/2023 13:36	42802 SELI_T1	1	1	0	0.1	0.7	0.6	0	0	1	1	0	900	900	0
4/18/2023 13:39	43402 BENT_T1	0	0	0	0	0	0	-0.76	-0.75	1	1	0	900	900	0
4/18/2023 13:47	14802 TREI_T2	1	5	4	0.1	0.24	0.14	0	0	0	0	0	0	0	0
4/18/2023 13:51	53501 EVIL_T2	9	10	1	0.74	1.3	0.56	-0.48	-0.47	1	1	0	600	600	0
4/18/2023 13:51	57601 RUTH_T2	1	4	3	0.7	0.73	0.03	0	0	0	0	0	0	0	0
4/18/2023 13:55	57603 RUTH_T2	7	16	9	0.26	0.4	0.14	0	0	0	0	0	0	0	0
4/18/2023 13:56	58402 MORO_T1	7	6	-1	0.29	0.38	0.09	0	0	0	0	0	0	0	0
4/18/2023 14:07	53501 EVIL_T2	9	10	1	0.6	1.8	1.2	-0.47	-0.66	1	1	0	600	600	0
4/18/2023 14:08	65601 QVIL_T2	2	1	-1	0.25	0.5	0.25	0	0	0	0	0	0	0	0
4/18/2023 14:12	29402 BELT_T1	0	1	1	0	0.4	0.4	0	0	0	0	0	0	0	0
4/18/2023 14:19	67204 TEHI_T2	1	3	2	1	0.43	-0.57	-0.13	-0.14	0	0	0	0	0	0
4/18/2023 14:27	61302 EARL_T1	3	3	0	0.27	0.43	0.16	0	0	0	0	0	0	0	0
4/18/2023 14:37	63804 HEMP_T1	3	7	4	2.13	0.96	-1.17	0	0	0	0	0	0	0	0
4/18/2023 14:48	67803 WLAN_T1	5	183	178	0.38	0.17	-0.21	0	0	0	0	0	0	0	0
4/18/2023 14:54	20801 LOPO_T1	0	0	0	0	0	0	0.11	0.12	0	0	0	0	0	0
4/19/2023 0:28	51102 CARL_T1	1	0	-1	0.2	0	-0.2	0	0	0	0	0	0	0	0
4/19/2023 0:28	47402 PENS_T1	1	1	0	0.2	0.5	0.3	0	0	0	0	0	0	0	0
4/19/2023 0:28	59101 WALK_T2	0	0	0	0	0	0	0.8	0.76	0	0	0	0	0	0
4/19/2023 0:28	67804 WLAN_T1	0	0	0	0	0	0	-1.16	-1.12	0	0	0	0	0	0
4/19/2023 0:28	60801 BUCK_T1	183	189	6	0.64	0.95	0.31	0	0	0	0	0	0	0	0
4/19/2023 0:28	14801 TREI_T2	0	0	0	0	0	0	0.23	0.24	0	0	0	0	0	0
4/19/2023 0:28	64101 REFR_T1	0	0	0	0	0	0	-0.01	-0.01	0	0	0	0	0	0
4/19/2023 0:28	65602 QVIL_T2	46	46	0	1.77	2.07	0.3	0	0	0	0	0	0	0	0
4/19/2023 0:28	20603 GRWO_T2	68	43	-25	0.28	0.27	-0.01	0.28	0.29	0	0	0	0	0	0
4/19/2023 0:28	58402 MORO_T1	0	0	0	0	0	0	-0.54	-1.51	1	2	1	600	1500	900
4/19/2023 0:28	29402 BELT_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
4/19/2023 0:28	53501 EVIL_T2	2	5	3	0.3	0.3	0	-1.12	-1.08	0	0	0	0	0	0
4/19/2023 0:28	66703 STRA_T1	0	0	0	0	0	0	-0.53	-0.56	0	0	0	0	0	0
4/19/2023 0:28	20801 LOPO_T1	0	0	0	0	0	0	0.12	0.11	0	0	0	0	0	0
4/19/2023 0:28	43402 BENT_T1	0	0	0	0	0	0	-0.96	-0.97	1	1	0	900	900	0
4/19/2023 0:28	39601 LNFD_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
4/19/2023 0:28	10801 CHHI_T1	0	0	0	0	0	0	-0.6	-0.62	1	1	0	600	600	0
4/19/2023 0:28	45901 AUBU_T1	0	0	0	0	0	0	0.8	0.82	0	0	0	0	0	0
4/19/2023 0:28	56801 BENV_T1	10	20	10	1.35	0.8	-0.55	-0.21	-0.2	0	0	0	0	0	0
4/19/2023 0:28	67204 TEHI_T2	0	0	0	0	0	0	0.02	0.02	0	0	0	0	0	0
4/19/2023 0:28	61303 EARL_T1	0	0	0	0	0	0	-0.05	-0.09	0	0	0	0	0	0
4/19/2023 0:28	42802 SELI_T1	1	1	0	0.4	0.7	0.3	0	0	0	0	0	0	0	0
4/19/2023 0:28	56802 BENV_T2	0	0	0	0	0	0	-2.98	-2.92	0	0	0	0	0	0
4/19/2023 0:28	51306 WIND_T2	0	0	0	0	0	0	0.09	0.09	0	0	0	0	0	0
4/19/2023 0:28	67502 WEWI_T2	0	0	0	0	0	0	-1.62	-1.64	1	1	0	900	900	0
4/19/2023 0:34	65004 NEFF_T2	0	0	0	0	0	0	-1.45	-1.44	0	0	0	0	0	0
4/19/2023 1:19	42601 TUSC_T1	0	0	0	0	0	0	-0.79	-0.79	2	2	0	1800	1800	0
4/19/2023 1:24	20603 GRWO_T2	16	18	2	0.24	0.26	0.02	0.33	0.31	0	0	0	0	0	0
4/19/2023 2:28	51306 WIND_T2	0	0	0	0	0	0	0.11	0.1	0	0	0	0	0	0
4/19/2023 2:51	16301 ALPA_T1	1	1	0	0.3	0.3	0	-0.46	-0.48	0	0	0	0	0	0
4/19/2023 2:59	16301 ALPA_T1	1	1	0	0.3	0.3	0	-0.46	-0.48	0	0	0	0	0	0
4/19/2023 3:06	39601 LNFD_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
4/19/2023 3:56	59101 WALK_T2	0	0	0	0	0	0	0.99	1.06	0	0	0	0	0	0
4/19/2023 4:05	59101 WALK_T2	0	0	0	0	0	0	1.06	1.08	0	0	0	0	0	0
4/19/2023 4:31	16301 ALPA_T1	0	0	0	0	0	0	-0.48	-0.43	0	0	0	0	0	0
4/19/2023 5:11	56802 BENV_T2	0	0	0	0	0	0	-1.52	-1.52	0	0	0	0	0	0
4/19/2023 5:17	56801 BENV_T1	9	2	-7	0.99	3.75	2.76	-0.76	-0.75	1	1	0	600	600	0
4/19/2023 5:54	40505 CRES_T1	0	0	0	0	0	0	0.27	0.27	0	0	0	0	0	0
4/19/2023 10:00	57601 RUTH_T2	2	2	0	0.3	0.45	0.15	0	0	0	0	0	0	0	0
4/19/2023 10:00	29402 BELT_T1	30	40	10	0.19	0.27	0.08	0	0	0	0	0	0	0	0
4/19/2023 10:00	52503 PROG_T2	0	0	0	0	0	0	-0.67	-0.69	1	1	0	900	900	0
4/19/2023 10:00	67801 WLAN_T1	6	6	0	0.32	0.18	-0.14	0	0	0	0	0	0	0	0
4/19/2023 10:00	45901 AUBU_T1	1	1	0	0.5	0.4	-0.1	1	0.96	0	0	0	0	0	0
4/19/2023 10:00	65001 NEFF_T2	2	19	17	0.15	0.18	0.03	0	0	0	0	0	0	0	0
4/19/2023 10:00	44901 SCOT_T2	0	0	0	0	0	0	0.11	0.14	0	0	0	0	0	0
4/19/2023 10:00	39601 LNFD_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
4/19/2023 10:00	47402 PENS_T1	1	1	0	0.4	0.2	-0.2	0	0	0	0	0	0	0	0
4/19/2023 10:00	66701 STRA_T1	1	1	0	0.8	1.1	0.3	0	0	0	0	0	0	0	0
4/19/2023 10:00	59101 WALK_T2	0	0	0	0	0	0	2.09	2.03	0	0	0	0	0	0
4/19/2023 10:00	51101 CARL_T1	18	17	-1	0.16	0.18	0.02	0	0	0	0	0	0	0	0
4/19/2023 10:00	42601 TUSC_T1	0	2	2	0	0	0	0.46	0.37	3	3	0	2400	2400	0
4/19/2023 10:00	67605 WARW_T1	1	3	2	0.2	0.5	0.3	0	0	0	0	0	0	0	0
4/19/2023 10:00	67204 TEHI_T2	0	0	0	0	0	0	-0.19	-0.27	0	0	0	0	0	0
4/19/2023 10:00	65602 QVIL_T2	44	45	1	0.71	0.58	-0.13	0	0	0	0	0	0	0	0
4/19/2023 10:00	12604 MACA_T1	0	0	0	0	0	0	0.28	0.28	0	0	0	0	0	0
4/19/2023 10:00	42802 SELI_T1	1	3	2	0.4	0.35	-0.05	0	0	4	4	0	3600	3600	0
4/19/2023 10:00	51301 WIND_T1	633	650	17	0.31	0.27	-0.04	0.94	0.85	0	0	0	0	0	0
4/19/2023 10:00	61302 EARL_T1	1	1	0	0.2	0.6	0.4	0	0	0	0	0	0	0	0
4/19/2023 10:00	53502 EVIL_T2	1	2	1	0.2	0.3	0.1	0	0	0	0	0	0	0	0
4/19/2023 10:00	64101 REFR_T1	0	1	1	0	0.3	0.3	-0.22	-0.23	0	0	0	0	0	0
4/19/2023 10:00	58401 MORO_T1	6	7	1	0.37	0.31	-0.06	0	0	0	0	0	0	0	0
4/19/2023 10:00	64801 MONE_T2	2	3	1	0.3	0.33	0.03	0.2	0.21	0	0	0	0	0	0
4/19/2023 10:00	60803 BUCK_T1	0	0	0	0	0	0	-0.93	-0.95	1	1	0	600	600	0
4/19/2023 10:00	10801 CHHI_T1	0	4	4	0	0.25	0.25	-0.31	-0.37	1	1	0	600	600	0
4/19/2023 10:00	20603 GRWO_T2	9	3	-6	0.19	0.3	0.11	0.38	0.41	0	0	0	0	0	0
4/19/2023 10:00	65602 QVIL_T2	44	45	1	0.71	0.58	-0.13	0	0	0	0	0	0	0	0
4/19/2023 10:00	20802 LOPO_T1	0	1	1	0	0	0	0	0	0	0	0	0	0	0
4/19/2023 10:00	56801 BENV_T1	59	56	-3	1.18	1.17	-0.01	-0.6	-0.56	0	0	0	0	0	0
4/19/2023 10:00	40505 CRES_T1	0	0	0	0	0	0	0.22	0.2	0	0	0	0	0	0
4/19/2023 10:00	16301 ALPA_T1	5	10	5	0.2	0.24	0.04	-0.36	-0.37	0	0	0	0	0	0
4/19/2023 10:00	56802 BENV_T2	7	8	1	0.49	0.49	0	-2.86	-2.86	0	0	0	0	0	0
4/19/2023 10:00	43402 BENT_T1	0	0	0	0	0	0	-0.69	-1.27	2	2	0	1500	1500	0
4/19/2023 10:28	65602 QVIL_T2	45	44	-1	0.57	0.49	-0.08	0	0	0	0	0	0	0	0
4/19/2023 10:43	53501 EVIL_T2	1	6	5	0.2	0.25	0.05	0.03	-0.05	0	0	0	0	0	0
4/19/2023 10:59	53501 EVIL_T2	0	9	9	0	0.6	0.6	-0.05	-0.04	0	0	0	0	0	0
4/19/2023 11:02	42701 AUGU_T1	7	10	3	0.44	0.59	0.15	0	0	2	2	0	1800	1800	0
4/19/2023 11:18	47402 PENS_T1	0	1	1	0	0.6	0.6	0	0	0	0	0	0	0	0
4/19/2023 11:31	59102 WALK_T2	1	4	3	0.5	0.73	0.23	0	0	0	0	0	0	0	0
4/19/2023 11:58	17501 FACT_T1	2	4	2	0.3	0.3	0	0	0	0	0	0	0	0	0
4/19/2023 12:01	59102 WALK_T2	4	5	1	0.68	0.78	0.1	0	0	0	0	0	0	0	0
4/19/2023 12:01	16301 ALPA_T1	13	49	36	0.31	0.23	-0.08	-0.38	-0.35	0	0	0	0	0	0
4/19/2023 12:04	67204 TEHI_T2	5	3	-2	0.4	0.4	0	-0.16	-0.08	0	0	0	0	0	0
4/19/2023 12:14	67204 TEHI_T2	5	3	-2	0.4	0.4	0	-0.16	-0.08	0	0	0	0	0	0
4/19/2023 12:18	10103 ALLE_T2	1	1	0	5.7	5.6	-0.1	0	0	0	0	0	0	0	0
4/19/2023 12:19	59102 WALK_T2	5	6	1	0.78	0.53	-0.25	0	0	0	0	0	0	0	0
4/19/2023 12:24	40505 CRES_T1	1	0	-1	0.1	0	-0.1	0.24	0.23	0	0	0	0	0	0
4/19/2023 12:31	42802 SELI_T1	0	0	0	0	0	0	0	0	1	1	0	900	900	0
4/19/2023 12:33	45902 AUBU_T1	3	2	-1	0.33	0.2	-0.13	-0.6	-0.53	1	1	0	600	600	0
4/19/2023 12:37	40505 CRES_T1	0	0	0	0	0	0	0.23	0.29	0	0	0	0	0	0
4/19/2023 12:42	42802 SELI_T1	0	0	0	0	0	0	0	0	1	1	0	900	900	0
4/19/2023 12:45	42701 AUGU_T1	8	8	0	0.89	0.66	-0.23	0	0	2	2	0	1800	1800	0
4/19/2023 12:45	47403 PENS_T1	1	1	0	0.7	1.5	0.8	0	0	0	0	0	0	0	0
4/19/2023 12:58	46302 ROHR_T1	4	4	0	1.1	0.85	-0.25	0.1	0.09	0	0	0	0	0	0
4/19/2023 12:59	65601 QVIL_T2	2	2	0	0.45	0.45	0	0	0	0	0	0	0	0	0
4/19/2023 13:01	58401 MORO_T1	3	5	2	0.3	0.32	0.02	0	0	0	0	0	0	0	0
4/19/2023 13:02	56803 BENV_T1	26	41	15	0.72	0.55	-0.17	0	0	0	0	0	0	0	0
4/19/2023 13:03	29402 BELT_T1	7	5	-2	0.6	0.42	-0.18	0	0	0	0	0	0	0	0
4/19/2023 13:05	64801 MONE_T2	4	6	2	0.25	0.35	0.1	0	0	0	0	0	0	0	0
4/19/2023 13:07	42701 AUGU_T1	8	8	0	0.64	0.61	-0.03	0	0	2	2	0	1800	1800	0
4/19/2023 13:10	40502 CRES_T2	0	0	0	0	0	0	0.5	0.46	0	0	0	0	0	0
4/19/2023 13:11	65601 QVIL_T2	2	2	0	0.35	0.4	0.05	0	0	0	0	0	0	0	0
4/19/2023 13:11	42802 SELI_T1	0	0	0	0	0	0	0	0	1	1	0	900	900	0
4/19/2023 13:12	41802 GOCI_T2	1	2	1	0.6	0.35	-0.25	0	0	0	0	0	0	0	0
4/19/2023 13:12	67204 TEHI_T2	1	1	0	0.6	0.3	-0.3	-0.13	-0.09	0	0	0	0	0	0
4/19/2023 13:13	42802 SELI_T1	0	0	0	0	0	0	0	0	1	1	0	900	900	0
4/19/2023 13:13	26401 INOR_T1	0	1	1	0	0	0	0	0	0	0	0	0	0	0
4/19/2023 13:17	42802 SELI_T1	0	0	0	0	0	0	0	0	1	1	0	900	900	0
4/19/2023 13:21	56803 BENV_T1	24	41	17	0.81	0.5	-0.31	0	0	0	0	0	0	0	0
4/19/2023 13:22	56803 BENV_T1	24	41	17	0.81	0.5	-0.31	0	0	0	0	0	0	0	0
4/19/2023 13:24	40504 CRES_T1	1	1	0	0.1	0.1	0	0	0	0	0	0	0	0	0
4/19/2023 13:26	47402 PENS_T1	0	1	1	0	0.1	0.1	0	0	0	0	0	0	0	0
4/19/2023 13:35	51301 WIND_T1	99	78	-21	0.43	0.47	0.04	0.41	0.32	0	0	0	0	0	0
4/19/2023 13:35	51303 WIND_T1	339	281	-58	0.23	0.19	-0.04	0	0	0	0	0	0	0	0
4/19/2023 13:39	51301 WIND_T1	99	78	-21	0.43	0.47	0.04	0	0	0	0	0	0	0	0
4/19/2023 13:41	59101 WALK_T2	0	0	0	0	0	0	1.23	1.22	0	0	0	0	0	0
4/19/2023 13:44	67204 TEHI_T2	1	1	0	0.3	0.4	0.1	-0.14	-0.11	0	0	0	0	0	0
4/19/2023 13:46	42701 AUGU_T1	6	7	1	0.73	0.81	0.08	0	0	2	2	0	1800	1800	0
4/19/2023 14:15	20801 LOPO_T1	0	1	1	0	0

Appendix C - Grid Benefits Achieved in Each Instance of Active Management

4/19/2023 21:39	10203 ALLE_T2	4	10	6	0.1	0.15	0.05	0	0	0	0	0	0	0	0
4/19/2023 21:45	56801 BENV_T1	37	41	4	0.99	1.34	0.35	-0.2	-0.23	0	0	0	0	0	0
4/19/2023 21:45	40505 CRES_T1	0	0	0	0	0	0	0.16	0.17	0	0	0	0	0	0
4/19/2023 21:52	51305 WIND_T1	146	171	25	0.29	0.36	0.07	0	0	0	0	0	0	0	0
4/19/2023 21:54	56803 BENV_T1	14	17	3	0.64	0.8	0.16	0	0	0	0	0	0	0	0
4/19/2023 21:56	46302 ROHR_T1	1	3	2	0.5	1.23	0.73	0.11	0.12	0	0	0	0	0	0
4/19/2023 21:57	51301 WIND_T1	148	263	115	0.22	0.22	0	0.34	0.3	0	0	0	0	0	0
4/19/2023 22:05	58402 MORO_T1	0	0	0	0	0	0	-0.49	-0.46	1	1	0	600	600	0
4/19/2023 22:08	56802 BENV_T2	2	1	-1	0.15	0.7	0.55	-1.49	-1.43	0	0	0	0	0	0
4/19/2023 22:10	56801 BENV_T1	41	39	-2	1.34	1.03	-0.31	-0.24	-0.26	0	0	0	0	0	0
4/19/2023 22:11	14802 TREI_T2	9	0	-9	0.23	0	-0.23	0	0.11	0	0	0	0	0	0
4/19/2023 22:11	59101 WALK_T2	0	0	0	0	0	0	0.06	0.01	0	0	0	0	0	0
4/19/2023 22:13	40902 JESH_T1	1	1	0	0	0	0	-0.47	-0.49	1	1	0	600	600	0
4/19/2023 22:14	53501 EVIL_T2	10	9	-1	0.63	0.26	-0.37	-0.54	-0.6	0	0	0	0	0	0
4/19/2023 22:15	64801 MONE_T2	1	1	0	0.5	0.8	0.3	0	0	0	0	0	0	0	0
4/19/2023 22:19	56803 BENV_T1	10	12	2	0.55	0.62	0.07	0	0	0	0	0	0	0	0
4/19/2023 22:20	56803 BENV_T1	10	12	2	0.55	0.62	0.07	0	0	0	0	0	0	0	0
4/19/2023 22:21	51101 CARL_T1	1	17	16	0.1	0.14	0.04	0	0	0	0	0	0	0	0
4/19/2023 22:25	42701 AUGU_T1	1	1	0	0.2	0.4	0.2	0	0	1	1	0	600	600	0
4/19/2023 22:35	53501 EVIL_T2	9	12	3	0.24	0.45	0.21	-0.6	-0.65	0	0	0	0	0	0
4/19/2023 22:37	42802 SELI_T1	1	1	0	0.4	1	0.6	0	0	0	0	0	0	0	0
4/19/2023 22:39	51305 WIND_T1	81	7	-74	0.14	0.1	-0.04	0	0	0	0	0	0	0	0
4/19/2023 22:46	42701 AUGU_T1	1	1	0	0.4	0.5	0.1	0	0	1	1	0	600	600	0
4/19/2023 23:30	67204 TEHI_T2	0	0	0	0	0	0	-0.04	-0.05	0	0	0	0	0	0
4/19/2023 23:56	63803 HEMP_T1	0	76	76	0	0.17	0.17	0	0	0	0	0	0	0	0
4/19/2023 23:58	57602 RUTH_T2	2	2	0	0.45	0.4	-0.05	-0.08	-0.11	0	0	0	0	0	0
4/20/2023 0:05	67502 WEWI_T2	0	0	0	0	0	0	-1.69	-1.68	1	1	0	900	900	0
4/20/2023 0:15	20801 LOPO_T1	0	0	0	0	0	0	0.09	0.09	0	0	0	0	0	0
4/20/2023 0:17	16301 ALPA_T1	1	1	0	0.2	0.3	0.1	-0.58	-0.58	0	0	0	0	0	0
4/20/2023 0:28	51301 WIND_T1	3	3	0	1.37	1.2	-0.17	0.23	0.23	0	0	0	0	0	0
4/20/2023 0:28	40902 JESH_T1	1	1	0	0	0	0	-0.57	-0.57	1	1	0	600	600	0
4/20/2023 0:28	53502 EVIL_T2	1	0	-1	0.2	0	-0.2	0	0	0	0	0	0	0	0
4/20/2023 0:28	51102 CARL_T1	4	14	10	0.13	0.12	-0.01	0	0	0	0	0	0	0	0
4/20/2023 0:28	58402 MORO_T1	0	0	0	0	0	0	-0.53	-0.55	1	1	0	600	600	0
4/20/2023 0:28	67204 TEHI_T2	0	0	0	0	0	0	-0.05	-0.04	0	0	0	0	0	0
4/20/2023 0:28	59101 WALK_T2	0	0	0	0	0	0	-0.75	-0.78	0	0	0	0	0	0
4/20/2023 0:28	57602 RUTH_T2	0	2	2	0	0.5	0.5	-0.09	-0.16	0	0	0	0	0	0
4/20/2023 0:28	41801 GOCI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
4/20/2023 0:28	51303 WIND_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
4/20/2023 0:28	42701 AUGU_T1	1	1	0	0.6	0.7	0.1	0	0	1	1	0	600	600	0
4/20/2023 0:28	64802 MONE_T2	0	0	0	0	0	0	0.03	0.03	0	0	0	0	0	0
4/20/2023 0:28	56801 BENV_T1	35	25	-10	0.84	0.69	-0.15	-1.2	-1.17	0	0	0	0	0	0
4/20/2023 0:28	20801 LOPO_T1	0	0	0	0	0	0	0.09	0.07	0	0	0	0	0	0
4/20/2023 0:28	42802 SELI_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
4/20/2023 0:28	56802 BENV_T2	1	0	-1	0.2	0	-0.2	-3.16	-3.12	0	0	0	0	0	0
4/20/2023 0:28	14801 TREI_T2	0	0	0	0	0	0	0.17	0.16	0	0	0	0	0	0
4/20/2023 0:28	67502 WEWI_T2	0	0	0	0	0	0	-1.68	-1.69	1	1	0	900	900	0
4/20/2023 0:28	46302 ROHR_T1	3	3	0	0.57	0.9	0.33	0.04	0.06	0	0	0	0	0	0
4/20/2023 0:34	16301 ALPA_T1	1	1	0	0.2	0.3	0.1	-0.58	-0.57	0	0	0	0	0	0
4/20/2023 0:35	20801 LOPO_T1	0	0	0	0	0	0	0.07	0.06	0	0	0	0	0	0
4/20/2023 0:38	57602 RUTH_T2	2	2	0	0.5	0.4	-0.1	-0.16	-0.11	0	0	0	0	0	0
4/20/2023 0:50	54001 SDLE_T1	1	1	0	0.4	0.6	0.2	0	0	1	1	0	600	600	0
4/20/2023 1:00	61101 BERK_T5	0	0	0	0	0	0	-0.79	-0.82	0	0	0	0	0	0
4/20/2023 1:10	48901 FOSP_T2	0	0	0	0	0	0	-0.48	-0.51	1	1	0	600	600	0
4/20/2023 1:13	46302 ROHR_T1	3	3	0	1	0.63	-0.37	0.03	0.03	0	0	0	0	0	0
4/20/2023 2:26	42701 AUGU_T1	1	1	0	0.2	0.3	0.1	0	0	1	1	0	600	600	0
4/20/2023 2:32	51301 WIND_T1	3	3	0	1.4	1.37	-0.03	0.19	0.19	0	0	0	0	0	0
4/20/2023 2:34	52401 GRPA_T2	0	0	0	0	0	0	-0.42	-0.42	0	0	0	0	0	0
4/20/2023 2:36	64101 REFR_T1	0	0	0	0	0	0	-0.01	-0.01	0	0	0	0	0	0
4/20/2023 2:46	44901 SCOT_T2	0	0	0	0	0	0	0.08	0.01	0	0	0	0	0	0
4/20/2023 2:49	20401 ASHF_T2	14	15	1	0.24	0.24	0	0	0	0	0	0	0	0	0
4/20/2023 2:50	20401 ASHF_T2	14	15	1	0.24	0.24	0	0	0	0	0	0	0	0	0
4/20/2023 2:51	59101 WALK_T2	2	5	3	0.1	0.12	0.02	-0.79	-0.78	0	0	0	0	0	0
4/20/2023 3:08	42802 SELI_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
4/20/2023 3:11	42802 SELI_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
4/20/2023 3:14	14801 TREI_T2	0	0	0	0	0	0	0.17	0.16	0	0	0	0	0	0
4/20/2023 3:15	51301 WIND_T1	3	3	0	1.3	1.33	0.03	0	0	0	0	0	0	0	0
4/20/2023 3:17	16301 ALPA_T1	1	1	0	0.2	0.2	0	-0.55	-0.55	0	0	0	0	0	0
4/20/2023 3:28	51303 WIND_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
4/20/2023 3:54	56801 BENV_T1	3	14	11	2.97	0.81	-2.16	-0.29	-0.29	0	0	0	0	0	0
4/20/2023 4:05	51107 CARL_T1	0	0	0	0	0	0	-1.71	-1.65	0	0	0	0	0	0
4/20/2023 4:10	56801 BENV_T1	14	5	-9	0.81	1.8	0.99	-0.29	-0.28	0	0	0	0	0	0
4/20/2023 4:12	56801 BENV_T1	14	5	-9	0.81	1.8	0.99	-0.29	-0.28	0	0	0	0	0	0
4/20/2023 4:22	65604 QVIL_T2	0	0	0	0	0	0	0.15	0.17	0	0	0	0	0	0
4/20/2023 4:25	58402 MORO_T1	0	0	0	0	0	0	-0.52	-0.54	1	1	0	600	600	0
4/20/2023 4:29	44502 HAMI_T2	1	1	0	3.3	3.5	0.2	-1.09	-1.1	0	0	0	0	0	0
4/20/2023 4:29	65603 QVIL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
4/20/2023 4:30	67204 TEHI_T2	0	0	0	0	0	0	-0.01	-0.16	0	0	0	0	0	0
4/20/2023 4:32	42802 SELI_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
4/20/2023 4:33	40902 JESH_T1	1	1	0	0	0	0	-0.54	-0.55	1	1	0	600	600	0
4/20/2023 4:34	42802 SELI_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
4/20/2023 4:35	40502 CRES_T2	0	0	0	0	0	0	0.33	0.34	0	0	0	0	0	0
4/20/2023 4:35	64802 MONE_T2	0	0	0	0	0	0	0.07	0.1	0	0	0	0	0	0
4/20/2023 4:36	64101 REFR_T1	0	0	0	0	0	0	-0.01	-0.01	0	0	0	0	0	0
4/20/2023 4:37	42802 SELI_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
4/20/2023 4:39	56801 BENV_T1	3	39	36	2.9	0.76	-2.14	-0.26	-0.91	0	1	1	0	600	600
4/20/2023 4:40	56801 BENV_T1	3	39	36	2.9	0.76	-2.14	-0.26	-0.91	0	1	1	0	600	600
4/20/2023 4:52	51303 WIND_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
4/20/2023 4:55	51301 WIND_T1	3	3	0	0.4	0.97	0.57	0	0	0	0	0	0	0	0
4/20/2023 5:02	67204 TEHI_T2	0	0	0	0	0	0	-0.67	-0.65	0	0	0	0	0	0
4/20/2023 5:26	44901 SCOT_T2	0	0	0	0	0	0	0.06	0.04	0	0	0	0	0	0
4/20/2023 5:45	67502 WEWI_T2	0	0	0	0	0	0	-1.36	-1.39	1	1	0	900	900	0
4/20/2023 5:56	63804 HEMP_T1	1	1	0	5.3	5.5	0.2	0	0	0	0	0	0	0	0
4/20/2023 6:09	20403 ASHF_T2	0	0	0	0	0	0	0.12	0.2	0	0	0	0	0	0
4/20/2023 8:36	24104 EHAZ_T1	0	1	1	0	0.1	0.1	0	0	0	0	0	0	0	0
4/20/2023 10:00	12605 MACA_T1	3	5	2	0.27	0.26	-0.01	0	0	0	0	0	0	0	0
4/20/2023 10:00	51109 CARL_T1	0	1	1	0	0.1	0.1	0	0	0	0	0	0	0	0
4/20/2023 10:00	56803 BENV_T1	7	6	-1	0.64	0.7	0.06	0	0	0	0	0	0	0	0
4/20/2023 10:00	57601 RUTH_T2	1	1	0	0.2	0.7	0.5	0	0	0	0	0	0	0	0
4/20/2023 10:00	64801 MONE_T2	1	3	2	0.6	0.53	-0.07	0.2	0.2	0	0	0	0	0	0
4/20/2023 10:00	67604 WARW_T1	0	2	2	0	0.1	0.1	0.03	0	0	0	0	0	0	0
4/20/2023 10:00	63801 HEMP_T1	3	6	3	0.47	0.32	-0.15	0.24	0.06	0	0	0	0	0	0
4/20/2023 10:00	58402 MORO_T1	0	0	0	0	0	0	-1.19	-1.22	2	2	0	1500	1500	0
4/20/2023 10:00	29402 BELT_T1	1	0	-1	0.2	0	-0.2	0	0	0	0	0	0	0	0
4/20/2023 10:00	41901 REED_T1	1	1	0	0.1	0.1	0	0	0	0	0	0	0	0	0
4/20/2023 10:00	40502 CRES_T2	9	11	2	0.12	0.25	0.13	-0.08	-0.07	0	0	0	0	0	0
4/20/2023 10:00	14802 TREI_T2	2	1	-1	0.3	1	0.7	0	0	0	0	0	0	0	0
4/20/2023 10:00	51301 WIND_T1	67	371	304	0.36	0.27	-0.09	0.73	0.86	0	0	0	0	0	0
4/20/2023 10:00	48901 FOSP_T2	0	0	0	0	0	0	-0.02	-0.03	1	1	0	600	600	0
4/20/2023 10:00	47401 PENS_T1	0	0	0	0	0	0	1.76	1.77	0	0	0	0	0	0
4/20/2023 10:00	26401 INOR_T1	1	3	2	0	0.2	0.2	0	0	0	0	0	0	0	0
4/20/2023 10:00	52503 PROG_T2	0	0	0	0	0	0	-0.74	-0.73	1	1	0	900	900	0
4/20/2023 10:00	44902 SCOT_T2	1	4	3	0.1	0.38	0.28	0	0	0	0	0	0	0	0
4/20/2023 10:00	44502 HAMI_T2	2	2	0	1.25	1.4	0.15	-0.97	-0.94	0	0	0	0	0	0
4/20/2023 10:00	45902 AUBU_T1	0	0	0	0	0	0	-0.56	-0.44	1	1	0	600	600	0
4/20/2023 10:00	52402 GRPA_T2	6	10	4	0.5	0.47	-0.03	0	0	0	0	0	0	0	0
4/20/2023 10:00	46302 ROHR_T1	3	3	0	0.9	0.87	-0.03	0.12	0.12	0	0	0	0	0	0
4/20/2023 10:00	40603 PIGR_T1	0	0	0	0	0	0	0.28	0.27	0	0	0	0	0	0
4/20/2023 10:00	59101 WALK_T2	4	7	3	0.18	0.46	0.28	-0.23	-0.42	0	0	0	0	0	0
4/20/2023 10:00	45902 AUBU_T1	0	0	0	0	0	0	-0.56	-0.44	1	1	0	600	600	0
4/20/2023 10:00	42802 SELI_T1	2	2	0	0.6	0.7	0.1	0	0	5	5	0	4500	4500	0
4/20/2023 10:00	40902 JESH_T1	1	2	1	0	0	0	-0.47	-0.45	3	3	0	1800	1800	0
4/20/2023 10:00	65604 QVIL_T2	0	0	0	0	0	0	0.63	0.72	0	0	0	0	0	0
4/20/2023 10:00	56802 BENV_T2	5	8	3	0.34	0.41	0.07	-7.3	-7.35	0	0	0	0	0	0
4/20/2023 10:00	20801 LOPO_T1	0	0	0	0	0	0	0.11	0.09	0	0	0	0	0	0
4/20/2023 10:00	67502 WEWI_T2	113	61	-52	0.21	0.27	0.06	-0.27	-0.27	0	0	0	0	0	0
4/20/2023 10:00	67204 TEHI_T2	0	0	0	0	0	0	-0.21	-0.22	0	0	0	0	0	0
4/20/2023 10:00	10203 ALLE_T2	0	1	1	0	0.2	0.2	0	0	0	0	0	0	0	0
4/20/2023 10:00	40505 CRES_T1	0	0	0	0	0	0	0.24	0.28	0	0	0	0	0	0
4/20/2023 10:00	64801 MONE_T2	1	3	2	0.6	0.53	-0.07	0.2	0.2	0	0	0	0	0	0
4/20/2023 10:00	61103 BERK_T5	4	8	4	0.18	0.2	0.02	0	0	0	0	0	0	0	0
4/20/2023 10:00	20402 ASHF_T2	1	0	-1	0.1	0	-0.1	0	0	0	0	0	0	0	0
4/20/2023 10:00	53501 EVIL_T2	2	1	-1	0.6	0.9	0.3	1.67	2.01	0	0	0	0	0	0
4/20/2023 10:00	17501 FACT_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
4/20/2023 10:00	51303 WIND_T1	312	769	457	0.21	0.37	0.16	0	0	0	0	0	0	0	0
4/20/2023 10:00	54001 SDLE_T1	8	8	0	0.38	0.6	0.22	0	0	1	1	0	600	600	0
4/20/2023 10:00	42701 AUGU_T1	0	1	1	0	1	1	0	0	2	2	0	1200	1200	0
4/20/2023 10:00	16301 ALPA_T1	0	0	0	0	0	0	-0.41	-0.43	0	0	0	0	0	0
4/20/2023 10:00	41802 GOCI_T2	0	5	5	0	0.14	0.14	0	0	0	0	0	0	0	0
4/20/2023 10:00	51303 WIND_T1	312	769	457	0.21	0.37	0.16	0	0	0	0	0	0	0	0
4/20/2023 10:00	65604 QVIL_T2	0	0	0	0	0	0	0.63	0.72	0	0	0	0	0	0
4/20/2023 10:00	64101 REFR_T1	0	0	0	0	0	0	-0.45	-0.43	0	0	0	0	0	0
4/20/2023 10:00	10801 CHHI_T1	40	182	142	0.28	0.41	0.13	-0.06	-0.18	0	0	0	0	0	0
4/20/2023 11:16	59102 WALK_T2	1	2	1	0.5	0.4	-0.1	0	0	0	0	0	0	0	0
4/20/2023 11:28	16301 ALPA_T1	1	3	2	0.3	0.3	0	-0.42	-0.36	0	0	0	0	0	0
4/20/2023 11:30	51301 WIND_T1	692	591	-101	0.3	0.3	0	0.41	0.41	0	0	0	0	0	0
4/20/2023 11:33	67503 WEWI_T2	2	3	1	0.2	0.13	-0.07	0	0	0	0	0	0	0	0
4/20/2023 11:39	56503 ROCK_T2	21	19	-2	0.33	0.39	0.06	0	0	0	0	0	0	0	0
4/20/2023 11:44	56803 BENV_T1	15	16	1	0.59	0.64	0.05	0	0	0	0	0	0	0	0
4/20/2023 11:48	20402 ASHF_T2	2	2	0	0.2	0.1	-0.1	0	0	0	0	0	0	0	0
4/20/2023 11:49	20402 ASHF_T2	2	2	0	0.2	0.1	-0.1	0	0	0	0	0	0	0	0
4/20/2023 11:52	48901 FOSP_T2	0	0	0	0	0	0	-0.07	-0.11	1	1	0	600	600	0
4/20/2023 11:56	48901 FOSP_T2	0	0	0	0	0	0	-0.07	-0.11	1	1	0	600	600	0
4/20/2023 12:02	42701 AUGU_T1	4	8	4	0.68	0.54	-0.14	0	0	2	2	0	1800	1800	0
4/20/2023 12:05	42802 SELI_T1	0	0	0	0	0	0	0	0	1	1	0	900	900	0
4/20/2023 12:07	65604 QVIL_T2	0	0	0	0	0	0	0.25	0.26	0	0	0	0	0	0
4/20/2023 12:08	46602 LACR_T1	0	0	0	0	0	0	0.02	0.04	0	0	0	0	0	0
4/20/2023 12:10	61801 EEU_T2	1	2	1	0.2	0.2	0	-0.46	-0.38	0	0	0	0	0	0
4/20/2023 12:11	60803 BUCK_T1	0	1	1	0	0.2	0.2	-0.98	-0.97	1	1	0	600	600	0
4/20/2023 12:12	66703 STRA_T1	2	2	0	0.2	0.4	0.2	-0.14	-0.13	0	0	0	0	0	0
4/20/2023 12:13	29402 BELT_T1	5	5	0	0.32	0.42	0.1	0	0	0	0	0	0	0	0
4/20/2023 12:13	47403 PENS_T1	4	1	-3	1.03	1.9	0.87	0	0	0	0	0	0	0	0
4/20/2023 12:19	56802 BENV_T2	11	12	1	0.5	0.47	-0.03	-1.44	-1.45	0	0	0	0	0	0
4/20/2023 12:19	51305 WIND_T1	251	233	-18	0.34	0.35	0.01	0	0	0	0	0	0	0	0
4/20/2023 12:19	64101 REFR_T1	1	1	0	0.7	0.2	-0.5	-0.14	-0.2	0	0	0	0	0	0
4/20/2023 12:21	56503 ROCK_T2	19	11	-8	0.34	0.45	0.11	0	0	0	0	0	0	0	0
4/20/2023 12:22	56803 BENV_T1	13	16	3	0.52	0.51	-0.01	0	0	0	0	0	0	0	0
4/20/2023 12:23	56801 BENV_T1	68	72	4	1.18	1.27	0.09	-0.19	-0.2	0	0	0	0	0	0
4/20/2023 12:33	56802 BENV_T2	12	9	-3	0.47	0.4	-0.07	-1.44	-1.45	0	0	0	0	0	0
4/20/2023 12:37	56803 BENV_T1	15	14	-1	0.52	0.52	0	0	0	0	0	0	0	0	0
4/20/2023 12:46	56802 BENV_T2	5	12	7	0.44	0.4	-0.04	-1.45	-1.39	0	0	0	0	0	0
4/20/2023 13:26	26401 INOR_T1	8	4	-4	0.37	0.17	-0.2	0	0	0	0	0	0	0	0
4/20/2023 13:38	42701 AUGU_T1	6	6	0	0.52	0.5	-0.02	0	0	2	2	0	1800	1800	0
4/20/2023 13:48	20401 ASHF_T2	3	4	1	0.77	0.58	-0.19	0	0	0	0	0	0	0	0
4/20/2023 14:13	56802 BENV_T2	8	11	3	0.4	0.4	0	-1.39	-1.38	0	0	0	0	0	0
4/20/2023 14:31	51303 WIND_T1	474	461	-13	0.24	0.23	-0.01	0	0	0	0	0	0	0	0
4/20/2023 14:54	57602 RUTH_T2	2	2	0	0.15	0.2	0.05	0	0	0	0	0	0	0	0
4/20/2023 15:04	64101 REFR_T1	0	0	0	0	0	0	-0.13	-0.13	0	0	0	0	0	0
4/20/2023 15:09	42701 A

Appendix C - Grid Benefits Achieved in Each Instance of Active Management

4/21/2023 0:28	16301 ALPA_T1	0	1	1	0	0.2	0.2	-0.54	-0.54	0	0	0	0	0	0
4/21/2023 0:28	26402 INOR_T1	129	179	50	0.2	0.37	0.17	-0.54	-0.55	0	0	0	0	0	0
4/21/2023 0:28	60801 BUCK_T1	183	191	8	0.64	1.2	0.56	0	0	0	0	0	0	0	0
4/21/2023 0:28	42701 AUGU_T1	0	1	1	0	0.4	0.4	0	0	2	2	0	1200	1200	0
4/21/2023 0:28	44502 HAMI_T2	1	1	0	4.1	4.2	0.1	-1.08	-1.08	0	0	0	0	0	0
4/21/2023 0:28	49804 UNIV_T1	1	27	26	0.2	0.28	0.08	0	0	0	0	0	0	0	0
4/21/2023 0:28	65602 QVIL_T2	46	46	0	1.57	1.98	0.41	0	0	0	0	0	0	0	0
4/21/2023 0:28	59101 WALK_T2	0	0	0	0	0	0	1.13	0.74	0	0	0	0	0	0
4/21/2023 0:28	42802 SELI_T1	0	0	0	0	0	0	-0.19	-0.15	0	0	0	0	0	0
4/21/2023 0:28	29402 BELT_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
4/21/2023 0:28	61303 EARL_T1	0	0	0	0	0	0	-0.06	-0.08	0	0	0	0	0	0
4/21/2023 0:28	66703 STRA_T1	0	4	4	0	0.18	0.18	-0.53	-0.52	0	0	0	0	0	0
4/21/2023 0:28	64101 REFR_T1	0	0	0	0	0	0	-0.01	-0.01	0	0	0	0	0	0
4/21/2023 0:28	45902 AUBU_T1	0	0	0	0	0	0	-0.24	-0.23	0	0	0	0	0	0
4/21/2023 0:28	51301 WIND_T1	3	3	0	1.17	1.1	-0.07	0.54	0.5	0	0	0	0	0	0
4/21/2023 0:28	53501 EVIL_T2	20	21	1	1.03	1.29	0.26	-0.78	-0.81	0	0	0	0	0	0
4/21/2023 0:28	42201 SHEN_T2	0	0	0	0	0	0	0.54	0.52	0	0	0	0	0	0
4/21/2023 0:28	67502 WEWI_T2	0	0	0	0	0	0	-1.68	-1.68	1	1	0	900	900	0
4/21/2023 0:29	56802 BENV_T2	1	1	0	0.3	0.6	0.3	-1.53	-1.53	0	0	0	0	0	0
4/21/2023 0:55	64101 REFR_T1	0	0	0	0	0	0	-0.01	-0.01	0	0	0	0	0	0
4/21/2023 0:58	51303 WIND_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
4/21/2023 0:58	53501 EVIL_T2	21	52	31	1.16	0.69	-0.47	-0.82	-0.82	0	0	0	0	0	0
4/21/2023 1:00	51303 WIND_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
4/21/2023 1:10	58402 MORO_T1	0	0	0	0	0	0	-0.57	-0.55	1	1	0	600	600	0
4/21/2023 1:11	60801 BUCK_T1	191	191	0	1.24	1.34	0.1	0	0	0	0	0	0	0	0
4/21/2023 1:13	64101 REFR_T1	0	0	0	0	0	0	-0.01	-0.01	0	0	0	0	0	0
4/21/2023 1:15	60803 BUCK_T1	18	20	2	0.28	0.43	0.15	-1.86	-1.86	1	1	0	600	600	0
4/21/2023 1:22	56801 BENV_T1	36	39	3	0.89	1.03	0.14	-0.32	-0.35	0	0	0	0	0	0
4/21/2023 1:25	58402 MORO_T1	0	0	0	0	0	0	-0.55	-0.59	1	1	0	600	600	0
4/21/2023 1:25	51301 WIND_T1	3	3	0	0.73	0.97	0.24	0.19	0.18	0	0	0	0	0	0
4/21/2023 1:29	56801 BENV_T1	36	39	3	0.89	1.03	0.14	-0.32	-0.35	0	0	0	0	0	0
4/21/2023 1:30	59101 WALK_T2	0	0	0	0	0	0	1.16	1.13	0	0	0	0	0	0
4/21/2023 1:31	42802 SELI_T1	0	0	0	0	0	0	-0.17	-0.21	0	0	0	0	0	0
4/21/2023 1:36	42802 SELI_T1	0	0	0	0	0	0	-0.21	-0.19	0	0	0	0	0	0
4/21/2023 1:37	57601 RUTH_T2	0	0	0	0	0	0	-0.55	-0.54	1	1	0	900	900	0
4/21/2023 1:45	42802 SELI_T1	0	0	0	0	0	0	-0.42	-0.38	0	0	0	0	0	0
4/21/2023 1:53	57601 RUTH_T2	0	0	0	0	0	0	-0.54	-0.55	1	1	0	900	900	0
4/21/2023 1:53	61801 EEU_T2	0	0	0	0	0	0	-1.9	-1.88	2	2	0	1200	1200	0
4/21/2023 1:56	42701 AUGU_T1	1	1	0	0.7	0.8	0.1	0	0	1	1	0	600	600	0
4/21/2023 1:57	42802 SELI_T1	0	0	0	0	0	0	-0.19	-0.21	0	0	0	0	0	0
4/21/2023 2:01	42701 AUGU_T1	1	1	0	0.8	0.8	0	0	0	1	1	0	600	600	0
4/21/2023 2:07	61801 EEU_T2	0	2	2	0	0.1	0.1	-1.88	-1.94	2	2	0	1200	1200	0
4/21/2023 2:57	57601 RUTH_T2	0	0	0	0	0	0	-0.57	-0.56	1	1	0	900	900	0
4/21/2023 3:16	64101 REFR_T1	0	0	0	0	0	0	-0.01	-0.01	0	0	0	0	0	0
4/21/2023 3:16	42802 SELI_T1	0	0	0	0	0	0	-0.16	-0.19	0	0	0	0	0	0
4/21/2023 3:26	65602 QVIL_T2	46	46	0	2.23	2.34	0.11	0	0	0	0	0	0	0	0
4/21/2023 3:30	58402 MORO_T1	0	0	0	0	0	0	-0.62	-0.64	1	1	0	600	600	0
4/21/2023 3:31	60803 BUCK_T1	0	0	0	0	0	0	-1.2	-1.2	1	1	0	600	600	0
4/21/2023 3:32	56802 BENV_T2	1	1	0	0.4	0.1	-0.3	-1.59	-1.59	0	0	0	0	0	0
4/21/2023 3:33	61801 EEU_T2	2	0	-2	0.1	0	-0.1	-1.88	-1.94	2	2	0	1200	1200	0
4/21/2023 3:35	64101 REFR_T1	0	0	0	0	0	0	-0.01	-0.01	0	0	0	0	0	0
4/21/2023 3:36	42701 AUGU_T1	1	1	0	0.9	0.8	-0.1	0	0	1	1	0	600	600	0
4/21/2023 3:38	51301 WIND_T1	3	3	0	0.93	0.9	-0.03	0	0	0	0	0	0	0	0
4/21/2023 3:42	56803 BENV_T1	1	0	-1	0.1	0	-0.1	0	0	0	0	0	0	0	0
4/21/2023 3:46	60801 BUCK_T1	187	188	1	0.92	0.97	0.05	0	0	0	0	0	0	0	0
4/21/2023 4:18	42802 SELI_T1	0	0	0	0	0	0	-0.19	-0.2	0	0	0	0	0	0
4/21/2023 4:32	28602 BLYT_T2	1	1	0	0.5	0.3	-0.2	0	0	0	0	0	0	0	0
4/21/2023 4:51	42802 SELI_T1	0	0	0	0	0	0	-0.18	-0.18	0	0	0	0	0	0
4/21/2023 9:23	45901 AUBU_T1	3	1	-2	0.3	0.6	0.3	0.92	0.94	0	0	0	0	0	0
4/21/2023 9:24	16302 ALPA_T2	0	1	1	0	0.2	0.2	0.72	0.65	0	0	0	0	0	0
4/21/2023 10:00	57601 RUTH_T2	0	1	1	0	0.3	0.3	0.9	0	1	1	0	900	900	0
4/21/2023 10:00	59102 WALK_T2	2	1	-1	0.3	0.8	0.5	0	0	0	0	0	0	0	0
4/21/2023 10:00	60803 BUCK_T1	0	0	0	0	0	0	-0.91	-0.91	1	1	0	600	600	0
4/21/2023 10:00	51305 WIND_T1	95	104	9	0.21	0.25	0.04	0	0	0	0	0	0	0	0
4/21/2023 10:00	67503 WEWI_T2	1	2	1	0.2	0.3	0.1	0	0	0	0	0	0	0	0
4/21/2023 10:00	51304 WIND_T2	2	2	0	0.2	0.35	0.15	0	0	0	0	0	0	0	0
4/21/2023 10:00	47401 PENS_T1	0	0	0	0	0	0	2.8	2.69	0	0	0	0	0	0
4/21/2023 10:00	53501 EVIL_T2	1	1	0	0.7	0.6	-0.1	0.04	-0.03	1	1	0	600	600	0
4/21/2023 10:00	20403 ASHF_T2	8	9	1	0.5	0.69	0.19	0.64	0.87	0	0	0	0	0	0
4/21/2023 10:00	56802 BENV_T2	142	62	-80	0.23	0.21	-0.02	-2.9	-2.82	0	0	0	0	0	0
4/21/2023 10:00	29402 BELT_T1	3	4	1	0.3	0.33	0.03	0	0	0	0	0	0	0	0
4/21/2023 10:00	12605 MACA_T1	1	2	1	0.3	0.2	-0.1	0	0	0	0	0	0	0	0
4/21/2023 10:00	44902 SCOT_T2	1	1	0	0.4	0.3	-0.1	0	0	0	0	0	0	0	0
4/21/2023 10:00	28601 BLYT_T2	0	1	1	0	0	0	0	0	0	0	0	0	0	0
4/21/2023 10:00	16301 ALPA_T1	0	0	0	0	0	0	-0.39	-0.37	0	0	0	0	0	0
4/21/2023 10:00	42201 SHEN_T2	0	0	0	0	0	0	0.59	0.59	0	0	0	0	0	0
4/21/2023 10:00	48901 FOSP_T2	0	0	0	0	0	0	-0.03	-0.04	1	1	0	600	600	0
4/21/2023 10:00	26402 INOR_T1	0	1	1	0	0.8	0.8	-1.01	-1.03	1	1	0	600	600	0
4/21/2023 10:00	52503 PROG_T2	0	0	0	0	0	0	-0.67	-0.69	1	1	0	900	900	0
4/21/2023 10:00	56501 ROCK_T2	14	13	-1	1.03	1.06	0.03	-3.73	-3.58	0	0	0	0	0	0
4/21/2023 10:00	46602 LACR_T1	0	0	0	0	0	0	0.05	0.07	0	0	0	0	0	0
4/21/2023 10:00	41902 REED_T1	0	0	0	0	0	0	1.08	1.01	0	0	0	0	0	0
4/21/2023 10:00	51305 WIND_T1	95	104	9	0.21	0.25	0.04	0	0	0	0	0	0	0	0
4/21/2023 10:00	16302 ALPA_T2	0	0	0	0	0	0	0.7	0.68	0	0	0	0	0	0
4/21/2023 10:00	45902 AUBU_T1	1	1	0	0.5	0.6	0.1	-0.55	-0.62	1	1	0	600	600	0
4/21/2023 10:00	45902 AUBU_T1	1	1	0	0.5	0.6	0.1	-0.55	-0.62	1	1	0	600	600	0
4/21/2023 10:00	56803 BENV_T1	15	16	1	0.84	0.75	-0.09	0	0	0	0	0	0	0	0
4/21/2023 10:00	64101 REFR_T1	0	0	0	0	0	0	-0.41	-0.43	0	0	0	0	0	0
4/21/2023 10:00	64801 MONE_T2	3	3	0	0.33	0.47	0.14	0.2	0.18	0	0	0	0	0	0
4/21/2023 10:00	65602 QVIL_T2	37	42	5	0.32	0.43	0.11	0	0	0	0	0	0	0	0
4/21/2023 10:00	61801 EEU_T2	1	2	1	0.1	0.2	0.1	-1.5	-1.44	2	2	0	1200	1200	0
4/21/2023 10:00	44502 HAMI_T2	2	2	0	1	1.3	0.3	-1.81	-1.72	0	0	0	0	0	0
4/21/2023 10:00	42701 AUGU_T1	0	0	0	0	0	0	0	0	3	3	0	1800	1800	0
4/21/2023 10:00	42802 SELI_T1	1	0	-1	0.7	0	-0.7	-5.25	-5.04	7	7	0	6300	6300	0
4/21/2023 10:00	61303 EARL_T1	0	1	1	0	0.7	0.7	0.43	0.46	0	0	0	0	0	0
4/21/2023 10:00	67204 TEHI_T2	1	1	0	0.1	0.1	0	-0.14	-0.08	0	0	0	0	0	0
4/21/2023 10:00	67604 WARW_T1	0	0	0	0	0	0	0.73	0.72	0	0	0	0	0	0
4/21/2023 10:00	61103 BERK_T5	0	0	0	0	0	0	-0.01	-0.01	0	0	0	0	0	0
4/21/2023 10:06	51303 WIND_T1	281	356	75	0.18	0.21	0.03	0	0	0	0	0	0	0	0
4/21/2023 10:15	66701 STRA_T1	1	1	0	0.5	0.5	0	0	0	0	0	0	0	0	0
4/21/2023 10:18	51305 WIND_T1	96	97	1	0.24	0.24	0	0.25	0.25	0	0	0	0	0	0
4/21/2023 10:20	64101 REFR_T1	0	0	0	0	0	0	-0.15	-0.21	0	0	0	0	0	0
4/21/2023 10:22	60803 BUCK_T1	0	0	0	0	0	0	-0.88	-0.89	1	1	0	600	600	0
4/21/2023 10:23	14801 TREI_T2	1	1	0	0.2	0.4	0.2	0.21	0.24	0	0	0	0	0	0
4/21/2023 10:24	59102 WALK_T2	1	4	3	0.8	0.63	-0.17	0	0	0	0	0	0	0	0
4/21/2023 10:25	53502 EVIL_T2	1	2	1	1	0.8	-0.2	0	0	0	0	0	0	0	0
4/21/2023 10:27	64801 MONE_T2	3	4	1	0.23	0.38	0.15	0	0	0	0	0	0	0	0
4/21/2023 10:29	49804 UNIV_T1	1	1	0	0.3	0.3	0	0	0	0	0	0	0	0	0
4/21/2023 10:32	58402 MORO_T1	0	0	0	0	0	0	-0.24	-0.25	1	1	0	600	600	0
4/21/2023 10:36	56801 BENV_T1	52	57	5	0.95	1.27	0.32	-0.15	-0.14	0	0	0	0	0	0
4/21/2023 10:39	56801 BENV_T1	52	57	5	0.95	1.27	0.32	-0.3	-0.28	0	0	0	0	0	0
4/21/2023 10:59	41802 GOCI_T2	0	2	2	0	0.15	0.15	0	0	0	0	0	0	0	0
4/21/2023 11:06	54001 SDLE_T1	5	9	4	0.8	1.17	0.37	0	0	0	0	0	0	0	0
4/21/2023 11:29	42201 SHEN_T2	1	1	0	0.1	0.8	0.7	0.58	0.56	0	0	0	0	0	0
4/21/2023 11:31	24102 EHAZ_T1	0	8	-8	0	0.1	0.1	0	0	0	0	0	0	0	0
4/21/2023 11:33	42201 SHEN_T2	1	1	0	0.5	0.9	0.4	0.58	0.56	0	0	0	0	0	0
4/21/2023 11:35	59102 WALK_T2	6	5	-1	0.55	0.48	-0.07	0	0	0	0	0	0	0	0
4/21/2023 11:35	40602 PGR_T1	2	1	-1	0.15	0.2	0.05	0	0	0	0	0	0	0	0
4/21/2023 11:35	10102 ALLE_T2	1	1	0	5.8	5.7	-0.1	0	0	0	0	0	0	0	0
4/21/2023 11:35	53501 EVIL_T2	3	8	5	0.53	0.66	0.13	0.16	0.08	1	1	0	600	600	0
4/21/2023 11:35	47402 PENS_T1	0	1	1	0	0.1	0.1	0	0	0	0	0	0	0	0
4/21/2023 11:35	57602 RUTH_T2	0	0	0	0	0	0	0.2	0.26	0	0	0	0	0	0
4/21/2023 11:43	29402 BELT_T1	2	3	1	0.6	0.47	-0.13	0	0	0	0	0	0	0	0
4/21/2023 11:57	29402 BELT_T1	2	3	1	0.5	0.47	-0.03	0	0	0	0	0	0	0	0
4/21/2023 12:19	40505 CRES_T1	0	0	0	0	0	0	0.37	0.43	0	0	0	0	0	0
4/21/2023 13:51	64101 REFR_T1	0	0	0	0	0	0	-0.05	-0.02	0	0	0	0	0	0
4/21/2023 14:03	65604 QVIL_T2	0	0	0	0	0	0	0.41	0.4	0	0	0	0	0	0
4/21/2023 14:03	29402 BELT_T1	2	3	1	0.45	0.43	-0.02	0	0	0	0	0	0	0	0
4/21/2023 14:04	45901 AUBU_T1	1	1	0	0.3	0.7	0.4	0	0	0	0	0	0	0	0
4/21/2023 14:05	48902 FOSP_T2	0	1	1	0	0.1	0.1	0	0	0	0	0	0	0	0
4/21/2023 14:06	41901 REED_T1	0	0	0	0	0	0	-1.39	-1.27	1	1	0	900	900	0
4/21/2023 14:09	42201 SHEN_T2	2	2	0	0.8	1.15	0.35	0.64	0.63	0	0	0	0	0	0
4/21/2023 14:12	66701 STRA_T1	1	1	0	1.6	1.6	0	0	0	0	0	0	0	0	0
4/21/2023 14:15	47402 PENS_T1	1	2	1	0.1	0.1	0	0	0	0	0	0	0	0	0
4/21/2023 14:15	51305 WIND_T1	14	5	-9	0.33	0.68	0.35	0	0	0	0	0	0	0	0
4/21/2023 14:17	63801 HEMP_T1	4	4	0	0.28	0.45	0.17	0.21	0.18	0	0	0	0	0	0
4/21/2023 14:44	44901 SCOT_T2	0	0	0	0	0	0	0.52	0.52	0	0	0	0	0	0
4/21/2023 14:44	59101 WALK_T2	0	0	0	0	0	0	1.5	1.51	0	0	0	0	0	0
4/21/2023 14:47	59003 MIFF_T1	0	1	1	0	0.1	0.1	0.71	0.92	0	0	0	0	0	0
4/21/2023 14:47	44902 SCOT_T2	1	1	0	0.3	0.1	-0.2	0	0	0	0	0	0	0	0
4/21/2023 14:48	56801 BENV_T1	30	26	-4	0.63	0.57	-0.06	-0.02	-0.01	0	0	0	0	0	0
4/21/2023 17:02	64101 REFR_T1	0	0	0	0	0	0	-0.01	0.03	0	0	0	0	0	0
4/21/2023 18:56	16201 POFA_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
4/21/2023 20:07	57602 RUTH_T2	0	1	1	0	0.1	0.1	0.24	0.28	0	0	0	0	0	0
4/21/2023 20:53	24101 EHAZ_T1	0	0	0	0	0	0	0.08	0.11	1	1	0	600	600	0
4/21/2023 21:24	67502 WEWI_T2	118	294	176	0.2	0.26	0.06	-1.34	-1.35	1	1	0	900	900	0
4/21/2023 22:26	45901 AUBU_T1	7	0	-7	0.13	0	-0.13	0	0	0	0	0	0	0	0
4/21/2023 22:26	41901 REED_T1	11	11	0	0.5	0.59	0.09	-1.56	-1.56	1	1	0	900	900	0
4/21/2023 22:27	48901 FOSP_T2	0	0	0	0	0	0	0.2	0.19	0	0	0	0	0	0
4/21/2023 23:44	20401 ASHF_T2	11	30	19	0.21	0.17	-0.04	0	0	0	0	0	0	0	0
4/21/2023 23:50	44901 SCOT_T2	0	4	4	0	0.1	0.1	-0.09	-0.11	0	0	0	0	0	0
4/22/2023 0:28	47402 PENS_T1	1	1	0	0.3	0.6	0.3	0	0	0	0	0	0	0	0
4/22/2023 0:28	10102 ALLE_T2	1	1	0	6	6	0	0	0	0	0	0	0	0	0
4/22/2023 0:28	42201 SHEN_T2	0	0	0	0	0	0	0.5	0.48	0	0	0	0	0	0
4/22/2023 0:28	66703 STRA_T1	5	0	-5	0.26	0	-0.26	-0.45	-0.44	0	0	0	0	0	0
4/22/2023 0:28	16201 POFA_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
4/22/2023 0:28	65604 QVIL_T2	2	0	-2	0.1	0	-0.1	0.22	0.2	0	0	0	0	0	0
4/22/2023 0:28	59101 WALK_T2	0	0	0	0	0	0	1.59	1.47	0	0	0	0	0	0
4/22/2023 0:28	58402 MORO_T1	0	0	0	0	0	0	-0.6	-0.6	1	1	0	600	600	0
4/22/2023 0:28	64101 REFR_T1	0	0	0	0	0	0	-0.01	0	0	0	0	0	0	0
4/22/2023 0:28	53502 EVIL_T2	0	1	1	0	0.1	0.1	0	0	0	0	0	0	0	0
4/22/2023 0:28	20403 ASHF_T2	0	0	0	0	0	0	-0.1	-0.09	0	0	0	0	0	0
4/22/2023 0:28	61801 EEU_T2	0	0	0	0	0	0	-1.78	-1.77	2	2	0	1200	1200	0
4/22/2023 0:28	29402 BELT_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
4/22/2023 0:28	56801 BENV_T1	21	26	5	0.49	0.8	0.31	-0.5	-0.54	0	0	0	0	0	0
4/22/2023 0:28	44901 SCOT_T2	0	0	0	0	0	0	-0.14	0.19	0	0	0	0	0	0
4/22/2023 0:28	42802 SELI_T1	1	1	0	0.9	0.9	0	-0.04	-0.01	0	0	0	0	0	0
4/22/2023 1:10	64101 REFR_T1	0	0	0	0	0	0	-0.01	-0.01	0	0	0	0	0	0
4/22/2023 1:17	64101 REFR_T1	0	0	0	0	0	0	-0.01	-0.01	0	0	0	0	0	0
4/22/2023 2:10	44901 SCOT_T2	0	0	0	0	0	0	-0.21	-0.21	0	0	0	0	0	0
4/22/2023 2:44	20401 ASHF_T2	15	12	-3	0.23	0.23	0	0	0	0	0	0	0	0	0
4/22/2023 3:30	64101 REFR_T1	0	0	0	0	0	0	-0.01	-0.01	0	0	0	0	0	0
4/22/2023 4:18	64101 REFR_T1	0	0	0	0	0	0	-0.01	-0.01	0	0	0	0	0	0
4/22/2023 4:23	64101 REFR_T1	0	0	0	0	0	0	-0.01	-0.01	0	0	0	0	0	0
4/22/2023 5:18	64101 REFR_T1	0	0	0	0	0	0	-0.01	-0.01	0	0	0	0	0	0
4/22/2023 8:25	48901 FOSP_T2	0	0	0	0	0	0	-0.49	-0.47	1	1	0	600	600	0
4/22/2023 10:00	54001 SDLE_T1	1	1	0	1.2	1.2	0	0	0	1	1	0	600	600	0
4/22/2023 10:00	24101 EHAZ_T1	0	3	3	0	0	0	0.62	0.69	0	0	0	0	0	0
4/22/2023 10:00	47403 PENS_T1	1	1

Appendix C - Grid Benefits Achieved in Each Instance of Active Management

4/22/2023 22:05	45901 AUBU_T1	74	97	23	0.21	0.24	0.03	0	0	0	0	0	0	0
4/22/2023 23:02	45501 DERR_T2	1	1	0	0.5	0.4	-0.1	0	0	0	0	0	0	0
4/22/2023 23:54	63804 HEMP_T1	1	5	4	5.2	1.08	-4.12	0	0	0	0	0	0	0
4/23/2023 0:28	45902 AUBU_T1	290	69	-221	0.28	0.19	-0.09	0	0	0	0	0	0	0
4/23/2023 0:28	65901 SAKR_T2	0	0	0	0	0	0	-1.52	-1.57	1	1	0	900	900	0
4/23/2023 3:03	63804 HEMP_T1	5	6	1	1.3	1.1	-0.2	0	0	0	0	0	0	0	0
4/23/2023 4:56	45901 AUBU_T1	0	0	0	0	0	0	0.89	0.89	0	0	0	0	0	0
4/23/2023 8:18	57602 RUTH_T2	2	2	0	0.8	0.85	0.05	-0.03	-0.02	0	0	0	0	0	0
4/23/2023 8:26	46504 LOHA_T1	2	2	0	0.35	0.7	0.35	0	0	0	0	0	0	0	0
4/23/2023 8:41	48902 FOSP_T2	0	0	0	0	0	0	-0.4	-0.36	0	0	0	0	0	0
4/23/2023 9:37	16302 ALPA_T2	0	0	0	0	0	0	0.4	0.42	0	0	0	0	0	0
4/23/2023 10:00	12605 MACA_T1	5	5	0	0.34	0.48	0.14	0	0	0	0	0	0	0	0
4/23/2023 10:00	65901 SAKR_T2	0	0	0	0	0	0	-1.09	-1.09	1	1	0	900	900	0
4/23/2023 10:00	45902 AUBU_T1	0	1	1	0	0.1	0.1	-0.45	-0.5	0	0	0	0	0	0
4/23/2023 10:00	63803 HEMP_T1	4	4	0	0.13	0.15	0.02	0	0	0	0	0	0	0	0
4/23/2023 10:00	45902 AUBU_T1	0	1	1	0	0.1	0.1	-0.45	-0.5	0	0	0	0	0	0
4/23/2023 10:00	56601 HAMP_T1	0	0	0	0	0	0	-0.07	-0.1	0	0	0	0	0	0
4/23/2023 10:00	46506 LOHA_T1	0	1	1	0	0.8	0.8	-0.45	-0.56	0	0	0	0	0	0
4/23/2023 10:00	64802 MONE_T2	0	1	1	0	0.4	0.4	0	0	0	0	0	0	0	0
4/23/2023 10:00	52503 PROG_T2	0	0	0	0	0	0	-0.74	-0.73	1	1	0	900	900	0
4/23/2023 10:00	16302 ALPA_T2	0	0	0	0	0	0	0.42	0.42	0	0	0	0	0	0
4/23/2023 10:00	67603 WARW_T1	0	1	1	0	0.1	0.1	0	0	0	0	0	0	0	0
4/23/2023 10:00	66402 ROBE_T1	0	0	0	0	0	0	-1.46	-1.11	2	2	0	1500	1500	0
4/23/2023 10:00	45502 DERR_T2	0	0	0	0	0	0	-0.53	-0.53	0	0	0	0	0	0
4/23/2023 10:00	57601 RUTH_T2	1	1	0	0.5	0.1	-0.4	0	0	0	0	0	0	0	0
4/23/2023 10:43	26401 INOR_T1	1	3	2	0	0.15	0.15	0	0	0	0	0	0	0	0
4/23/2023 10:56	67502 WEWI_T2	45	25	-20	0.25	0.31	0.06	-1.57	-1.52	1	1	0	900	900	0
4/23/2023 11:05	20801 LOPO_T1	0	0	0	0	0	0	0.1	0.1	0	0	0	0	0	0
4/23/2023 11:12	45501 DERR_T2	0	0	0	0	0	0	-0.45	-0.43	2	2	0	1800	1800	0
4/23/2023 11:29	28604 BLYT_T2	0	0	0	0	0	0	-1.42	-1.41	0	0	0	0	0	0
4/23/2023 11:42	20403 ASHF_T2	9	5	-4	0.6	0.66	0.06	0.13	0.12	0	0	0	0	0	0
4/23/2023 11:42	23401 HONE_T2	1	1	0	0.1	0.5	0.4	0.03	0.02	0	0	0	0	0	0
4/23/2023 11:43	41901 REED_T1	0	0	0	0	0	0	-1.11	-1.14	0	0	0	0	0	0
4/23/2023 11:46	44901 SCOT_T2	0	0	0	0	0	0	-0.46	-0.54	0	0	0	0	0	0
4/23/2023 11:47	58402 MORO_T1	0	0	0	0	0	0	-0.64	-0.67	1	1	0	600	600	0
4/23/2023 12:27	54001 SDLE_T1	2	2	0	0.8	0.85	0.05	0	0	1	1	0	600	600	0
4/23/2023 13:13	59101 WALK_T2	0	0	0	0	0	0	1.15	1.15	0	0	0	0	0	0
4/23/2023 13:23	42802 SELI_T1	1	1	0	0.5	0.4	-0.1	-0.1	-0.15	0	0	0	0	0	0
4/23/2023 13:39	53501 EVIL_T2	20	13	-7	0.72	0.52	-0.2	-0.7	-0.78	0	0	0	0	0	0
4/23/2023 13:43	66701 STRA_T1	1	2	1	0.1	0.65	0.55	0	0	0	0	0	0	0	0
4/23/2023 13:43	44901 SCOT_T2	0	0	0	0	0	0	-0.48	-0.5	0	0	0	0	0	0
4/23/2023 13:50	53501 EVIL_T2	13	13	0	0.49	0.52	0.03	-0.78	-0.78	0	0	0	0	0	0
4/23/2023 13:55	45001 LIME_2	14	15	1	0.14	0.13	-0.01	0	0	0	0	0	0	0	0
4/23/2023 14:04	57601 RUTH_T2	0	0	0	0	0	0	-0.45	-0.47	1	1	0	900	900	0
4/23/2023 14:05	53501 EVIL_T2	12	12	0	0.48	0.42	-0.06	-0.78	-0.72	0	0	0	0	0	0
4/23/2023 14:09	42701 AUGU_T1	0	0	0	0	0	0	0	0	2	2	0	1800	1800	0
4/23/2023 14:11	42701 AUGU_T1	0	0	0	0	0	0	0	0	2	2	0	1800	1800	0
4/23/2023 14:19	48902 FOSP_T2	0	0	0	0	0	0	-0.34	-0.28	0	0	0	0	0	0
4/23/2023 14:33	23401 HONE_T2	2	1	-1	0.7	0.5	-0.2	-0.07	-0.05	0	0	0	0	0	0
4/23/2023 14:42	23401 HONE_T2	2	1	-1	0.7	0.5	-0.2	-0.05	-0.04	0	0	0	0	0	0
4/23/2023 14:54	65601 QVIL_T2	1	1	0	0.2	0.3	0.1	0	0	0	0	0	0	0	0
4/23/2023 14:58	65604 QVIL_T2	0	0	0	0	0	0	0.23	0.27	0	0	0	0	0	0
4/23/2023 15:00	56803 BENV_T1	3	3	0	0.1	0.2	0.1	0	0	0	0	0	0	0	0
4/23/2023 15:03	65604 QVIL_T2	0	0	0	0	0	0	0.23	0.27	0	0	0	0	0	0
4/23/2023 15:08	65601 QVIL_T2	1	1	0	0.3	0.2	-0.1	0	0	0	0	0	0	0	0
4/23/2023 15:45	41902 REED_T1	0	0	0	0	0	0	0.82	0.75	0	0	0	0	0	0
4/23/2023 16:14	53501 EVIL_T2	20	25	5	0.8	0.84	0.04	-0.83	-0.8	0	0	0	0	0	0
4/23/2023 16:37	51604 DUKE_T2	24	26	2	0.23	0.19	-0.04	-1.71	-1.72	1	1	0	900	900	0
4/23/2023 16:54	46206 DANV_T2	0	0	0	0	0	0	-0.42	-0.43	1	1	0	1200	1200	0
4/23/2023 17:06	51604 DUKE_T2	24	22	-2	0.18	0.22	0.04	-1.68	-1.71	1	1	0	900	900	0
4/23/2023 17:28	23401 HONE_T2	0	0	0	0	0	0	0.01	0.02	0	0	0	0	0	0
4/23/2023 19:59	47401 PENS_T1	0	0	0	0	0	0	0.6	0.65	0	0	0	0	0	0
4/23/2023 20:03	57601 RUTH_T2	0	0	0	0	0	0	-0.46	-0.48	1	1	0	900	900	0
4/23/2023 20:09	42701 AUGU_T1	0	0	0	0	0	0	0	0	1	1	0	600	600	0
4/23/2023 20:25	24101 EHAZ_T1	0	2	2	0	0	0	0	0	0	0	0	0	0	0
4/23/2023 20:44	67502 WEWI_T2	0	0	0	0	0	0	-0.5	-0.5	0	0	0	0	0	0
4/23/2023 21:32	28604 BLYT_T2	0	1	1	0	0.1	0.1	-1.43	-1.41	0	0	0	0	0	0
4/23/2023 22:35	65604 QVIL_T2	0	0	0	0	0	0	0.22	0.2	0	0	0	0	0	0
4/23/2023 22:45	54001 SDLE_T1	1	1	0	1	1.2	0.2	0	0	1	1	0	600	600	0
4/23/2023 22:47	41901 REED_T1	0	0	0	0	0	0	-0.69	-0.66	0	0	0	0	0	0
4/23/2023 23:30	44901 SCOT_T2	0	0	0	0	0	0	-0.21	-0.2	0	0	0	0	0	0
4/23/2023 23:37	20401 ASHF_T2	90	95	5	0.51	0.58	0.07	0	0	0	0	0	0	0	0
4/24/2023 0:28	46206 DANV_T2	0	0	0	0	0	0	-0.44	-0.45	1	1	0	1200	1200	0
4/24/2023 0:28	42701 AUGU_T1	1	1	0	0.2	0.4	0.2	0	0	1	1	0	600	600	0
4/24/2023 0:28	44901 SCOT_T2	0	0	0	0	0	0	-0.7	-0.76	0	0	0	0	0	0
4/24/2023 0:28	67502 WEWI_T2	0	0	0	0	0	0	-1.7	-1.72	1	1	0	900	900	0
4/24/2023 0:28	66703 STRA_T1	0	5	5	0	0.28	0.28	-0.61	-0.6	0	0	0	0	0	0
4/24/2023 0:28	23401 HONE_T2	1	0	-1	0.3	0	-0.3	-0.1	-0.08	0	0	0	0	0	0
4/24/2023 0:28	56801 BENV_T1	20	26	6	0.33	0.57	0.24	-0.26	-0.25	0	0	0	0	0	0
4/24/2023 0:28	20401 ASHF_T2	0	2	2	0	0.15	0.15	0	0	0	0	0	0	0	0
4/24/2023 0:28	59101 WALK_T2	0	0	0	0	0	0	0.76	0.73	0	0	0	0	0	0
4/24/2023 0:28	26402 INOR_T1	189	10	-179	0.27	0.15	-0.12	-0.54	-0.53	0	0	0	0	0	0
4/24/2023 0:28	51604 DUKE_T2	0	0	0	0	0	0	-1.8	-1.78	1	1	0	900	900	0
4/24/2023 0:28	45003 LIME_2	1	1	0	3.4	3.8	0.4	0	0	0	0	0	0	0	0
4/24/2023 0:28	42802 SELI_T1	1	1	0	0.7	0.8	0.1	-0.18	-0.17	0	0	0	0	0	0
4/24/2023 0:28	45501 DERR_T2	0	0	0	0	0	0	-0.56	-0.56	2	2	0	1800	1800	0
4/24/2023 0:35	51604 DUKE_T2	0	0	0	0	0	0	-1.78	-1.8	1	1	0	900	900	0
4/24/2023 0:57	20401 ASHF_T2	2	3	1	0.15	0.23	0.08	0	0	0	0	0	0	0	0
4/24/2023 1:39	53501 EVIL_T2	15	15	0	0.79	0.89	0.1	-0.67	-0.7	0	0	0	0	0	0
4/24/2023 1:40	45902 AUBU_T1	0	0	0	0	0	0	-0.5	-0.49	0	0	0	0	0	0
4/24/2023 1:42	45902 AUBU_T1	0	0	0	0	0	0	-0.5	-0.49	0	0	0	0	0	0
4/24/2023 1:42	44901 SCOT_T2	0	0	0	0	0	0	-0.39	-0.36	0	0	0	0	0	0
4/24/2023 1:44	53501 EVIL_T2	15	15	0	0.79	0.89	0.1	-0.67	-0.7	0	0	0	0	0	0
4/24/2023 1:47	53501 EVIL_T2	15	15	0	0.85	0.86	0.01	-0.67	-0.7	0	0	0	0	0	0
4/24/2023 1:50	53501 EVIL_T2	15	15	0	0.85	0.86	0.01	-0.7	-0.63	0	0	0	0	0	0
4/24/2023 1:50	58402 MORO_T1	0	0	0	0	0	0	-0.55	-0.51	1	1	0	600	600	0
4/24/2023 1:53	58402 MORO_T1	0	0	0	0	0	0	-0.55	-0.51	1	1	0	600	600	0
4/24/2023 1:59	53501 EVIL_T2	15	15	0	0.85	0.86	0.01	-0.7	-0.63	0	0	0	0	0	0
4/24/2023 2:01	47401 PENS_T1	0	35	35	0	0.13	0.13	0.44	0.45	0	0	0	0	0	0
4/24/2023 2:04	47401 PENS_T1	0	35	35	0	0.13	0.13	0.45	0.46	0	0	0	0	0	0
4/24/2023 2:05	53501 EVIL_T2	15	15	0	0.79	0.99	0.2	-0.63	-0.7	0	0	0	0	0	0
4/24/2023 2:13	48902 FOSP_T2	0	0	0	0	0	0	-0.42	-0.42	0	0	0	0	0	0
4/24/2023 2:17	48902 FOSP_T2	0	0	0	0	0	0	-0.42	-0.42	0	0	0	0	0	0
4/24/2023 2:33	48902 FOSP_T2	0	0	0	0	0	0	-0.42	-0.41	0	0	0	0	0	0
4/24/2023 2:38	20801 LOPO_T1	0	0	0	0	0	0	0.08	0.09	0	0	0	0	0	0
4/24/2023 2:44	67502 WEWI_T2	0	0	0	0	0	0	-1.73	-1.73	1	1	0	900	900	0
4/24/2023 2:47	67502 WEWI_T2	0	0	0	0	0	0	-1.73	-1.73	1	1	0	900	900	0
4/24/2023 2:50	20801 LOPO_T1	0	0	0	0	0	0	0.09	0.09	0	0	0	0	0	0
4/24/2023 3:00	45902 AUBU_T1	0	0	0	0	0	0	-0.52	-0.55	0	0	0	0	0	0
4/24/2023 3:07	53501 EVIL_T2	13	15	2	0.64	0.59	-0.05	-0.65	-0.61	0	0	0	0	0	0
4/24/2023 3:10	58402 MORO_T1	0	0	0	0	0	0	-0.51	-0.52	1	1	0	600	600	0
4/24/2023 3:41	47401 PENS_T1	0	0	0	0	0	0	0.43	0.44	0	0	0	0	0	0
4/24/2023 4:24	67502 WEWI_T2	0	0	0	0	0	0	-1.59	-1.55	1	1	0	900	900	0
4/24/2023 6:38	20801 LOPO_T1	0	0	0	0	0	0	0.13	0.13	0	0	0	0	0	0
4/24/2023 10:00	56803 BENV_T1	12	12	0	0.64	0.68	0.04	0	0	0	0	0	0	0	0
4/24/2023 10:00	20403 ASHF_T2	7	8	1	0.4	0.61	0.21	1.41	1.37	0	0	0	0	0	0
4/24/2023 10:00	41901 REED_T1	0	3	3	0	0.2	0.2	-1.29	-1.4	1	1	0	900	900	0
4/24/2023 10:00	51604 DUKE_T2	12	14	2	0.37	0.45	0.08	-1.73	-1.71	1	1	0	900	900	0
4/24/2023 10:00	52503 PROG_T2	0	0	0	0	0	0	-0.68	-0.69	1	1	0	900	900	0
4/24/2023 10:00	58402 MORO_T1	1	0	-1	0.1	0	-0.1	-1.1	-1.04	2	2	0	1500	1500	0
4/24/2023 10:00	12601 MACA_T1	0	1	1	0	0.6	0.6	0	0	0	0	0	0	0	0
4/24/2023 10:00	24102 EHAZ_T1	1	2	1	0.1	0.5	0.4	0	0	0	0	0	0	0	0
4/24/2023 10:00	53501 EVIL_T2	1	1	0	0.4	0.7	0.3	-0.32	-0.13	3	3	0	1800	1800	0
4/24/2023 10:00	59101 WALK_T2	0	0	0	0	0	0	-0.17	0.01	0	0	0	0	0	0
4/24/2023 10:00	66703 STRA_T1	0	0	0	0	0	0	-0.08	-0.18	0	0	0	0	0	0
4/24/2023 10:00	45501 DERR_T2	0	0	0	0	0	0	1.44	1.53	2	2	0	1800	1800	0
4/24/2023 10:00	67605 WARW_T1	3	6	3	0.53	0.5	-0.03	0	0	0	0	0	0	0	0
4/24/2023 10:00	26401 INOR_T1	2	2	0	0.2	0.7	0.5	0	0	0	0	0	0	0	0
4/24/2023 10:00	47401 PENS_T1	2	2	0	0.1	0.2	0.1	0.84	0.81	0	0	0	0	0	0
4/24/2023 10:00	56601 HAMP_T1	1	1	0	0.3	0.5	0.2	-0.07	-0.07	0	0	0	0	0	0
4/24/2023 10:00	20801 LOPO_T1	0	0	0	0	0	0	0.1	0.12	0	0	0	0	0	0
4/24/2023 10:00	54001 SDLE_T1	6	6	0	0.88	0.92	0.04	0	0	0	0	0	0	0	0
4/24/2023 10:00	44901 SCOT_T2	0	0	0	0	0	0	0.27	0.28	0	0	0	0	0	0
4/24/2023 10:00	42802 SELI_T1	1	1	0	0.3	0.5	0.2	-0.85	-0.84	1	1	0	900	900	0
4/24/2023 10:00	65604 QVIL_T2	0	0	0	0	0	0	1.19	1.17	0	0	0	0	0	0
4/24/2023 10:00	64802 MONE_T2	27	18	-9	0.37	0.29	-0.08	0	0	0	0	0	0	0	0
4/24/2023 10:00	46203 DANV_T2	5	23	18	0.64	0.37	-0.27	0	0	0	0	0	0	0	0
4/24/2023 10:00	16302 ALPA_T2	1	0	-1	0.8	0	-0.8	-0.68	-0.65	0	0	0	0	0	0
4/24/2023 10:00	45001 LIME_2	1	0	-1	0.3	0	-0.3	0	0	0	0	0	0	0	0
4/24/2023 10:00	45902 AUBU_T1	0	1	1	0	0.3	0.3	-0.42	-0.5	1	1	0	600	600	0
4/24/2023 10:00	65604 QVIL_T2	0	0	0	0	0	0	1.19	1.17	0	0	0	0	0	0
4/24/2023 10:00	42701 AUGU_T1	2	3	1	0.75	0.5	-0.25	0	0	4	4	0	3600	3600	0
4/24/2023 10:00	23401 HONE_T2	0	1	1	0	0.3	0.3	-0.3	-0.25	0	0	0	0	0	0
4/24/2023 10:00	41902 REED_T1	1	0	-1	1	0	-1	1.05	1	0	0	0	0	0	0
4/24/2023 10:00	28604 BLYT_T2	0	0	0	0	0	0	-1.41	-1.39	0	0	0	0	0	0
4/24/2023 10:40	66402 ROBE_T1	0	0	0	0	0	0	-0.78	-0.69	2	2	0	1500	1500	0
4/24/2023 10:41	66401 ROBE_T1	0	0	0	0	0	0	-1.4	-1.51	2	2	0	1200	1200	0
4/24/2023 10:58	51602 DUKE_T2	1	1	0	0.1	1.3	1.2	0	0	0	0	0	0	0	0
4/24/2023 11:23	20401 ASHF_T2	1	3	2	0.4	0.33	-0.07	0	0	0	0	0	0	0	0
4/24/2023 11:27	16301 ALPA_T1	3	7	4	0.33	0.24	-0.09	-0.39	-0.38	0	0	0	0	0	0
4/24/2023 11:32	29402 BELT_T1	3	2	-1	0.37	0.4	0.03	0	0	0	0	0	0	0	0
4/24/2023 11:40	20403 ASHF_T2	30	6	-24	0.27	0.48	0.21	1.08	1	0	0	0	0	0	0
4/24/2023 11:43	48901 FOSP_T2	0	0	0	0	0	0	-0.05	-0.09	1	1	0	600	600	0
4/24/2023 12:19	65604 QVIL_T2	0	0	0	0	0	0	0.38	0.37	0	0	0	0	0	0
4/24/2023 12:21	54001 SDLE_T1	10	10	0	1.21	1.15	-0.06	0	0	0	0	0	0	0	0
4/24/2023 12:29	51604 DUKE_T2	23	8	-15	0.2	0.23	0.03	-1.75	-1.74	1	1	0	900	900	0
4/24/2023 12:32	65604 QVIL_T2	0	0	0	0	0	0	0.38	0.37	0	0	0	0	0	0
4/24/2023 12:37	54001 SDLE_T1	10	10	0	1.12	1.03	-0.09	0	0	0	0	0	0	0	0
4/24/2023 12:38	47403 PENS_T1	1	1	0	2.3	1.6	-0.7	0	0	0	0	0	0	0	0
4/24/2023 12:40	51604 DUKE_T2	8	9	1	0.23	0.22	-0.01	-1.74	-1.75	1	1	0	900	900	0
4/24/2023 12:53	40502 CRES_T2	0	0	0	0	0	0	0.57	0.6	0	0	0	0	0	0
4/24/2023 12:55	53501 EVIL_T2	4	5	1	0.5	0.56	0.06	-0.18	-0.05	1	1	0	600	600	0
4/24/2023 13:09	45901 AUBU_T1	0	0	0	0	0	0	1.38	1.42	0	0	0	0	0	0
4/24/2023 13:15	59101 WALK_T2	0	0	0	0	0	0	-0.46	-0.26	0	0	0	0	0	0
4/24/2023 13:20	65002 NEFF_T2	40	30	-10	0.18	0.22	0.04	0	0	0	0	0	0	0	0
4/24/2023 13:30	59101 WALK_T2	0	0	0	0	0	0	-0.26	0.17	0	0	0	0	0	0
4/24/2023 13:36	46602 LACR_T1	0	0	0	0	0	0	-1.21	-1.17	0	0	0	0	0	0
4/24/2023 13:38	42802 SELI_T1	0	0	0	0	0	0	-0.79	-0.83	1	1	0	900	900	0
4/24/2023 13:41	46302 ROHR_T1	4	3	-1	1	1.33	0.33	0.12	0.13	0	0	0	0	0	0
4/24/2023 13:42	42802 SELI_T1	0	0	0	0	0	0	-0.79	-0.83	1	1	0	900	900	0
4/24/2023 13:43	59101 WALK_T2	0	0	0	0	0	0	0.17	0.21	0	0	0	0	0	0
4/24/2023 13:44	66703 STRA_T1	0	0	0	0	0	0	-0.28	-0.32	0	0	0	0	0	0
4/24/2023 13:51	24101 EHAZ_T1	4	4	0	6.1	6.03	-0.07	0	0	0	0	0	0	0	0
4/24/2023 13:51	14801 TREI_T2	2	4	2	0.2	0.53	0.33	0.23	0.23	0	0	0	0	0	0
4/24/2023 13:51	66703 STRA_T1	0	6	6	0	0.27	0.27	-0.32	-0.26	0	0	0	0	0	0
4/24/2023 13:53	67204 TEHI_T2	0	1	1	0	0.7	0.7	-0.1	-0.13	0	0	0	0	0	0
4/24/2023 13:58	42802 SELI_T1	0	0	0	0	0	0	-0.83	-0.7	1	1	0	900	900	0
4/24/2023 13:59	65604 QVIL_T2	0	0	0	0	0	0	0.36	0.38	0	0

Appendix C - Grid Benefits Achieved in Each Instance of Active Management

4/25/2023 0:28	56801 BENV_T1	26	38	12	0.82	1.04	0.22	-0.85	-0.86	1	1	0	600	600	0
4/25/2023 0:28	42701 AUGU_T1	1	1	0	0.5	0.5	0	0	0	2	2	0	1200	1200	0
4/25/2023 0:28	16301 ALPA_T1	36	216	180	0.16	0.17	0.01	-0.51	-0.49	0	0	0	0	0	0
4/25/2023 0:28	45902 AUBU_T1	0	0	0	0	0	0	-1.03	-1	1	1	0	600	600	0
4/25/2023 0:28	66703 STRA_T1	0	2	2	0	0.1	0.1	-0.56	-0.51	0	0	0	0	0	0
4/25/2023 0:28	42201 SHEN_T2	0	0	0	0	0	0	0.6	0.62	0	0	0	0	0	0
4/25/2023 0:28	42802 SELI_T1	1	1	0	0.7	0.6	-0.1	-0.07	-0.08	0	0	0	0	0	0
4/25/2023 0:28	27502 WEIS_T2	0	0	0	0	0	0	-0.3	-0.37	0	0	0	0	0	0
4/25/2023 0:28	46602 LACR_T1	0	0	0	0	0	0	-0.98	-1.02	0	0	0	0	0	0
4/25/2023 0:28	59101 WALK_T2	0	1	1	0	0.1	0.1	-0.83	-0.82	0	0	0	0	0	0
4/25/2023 0:33	53501 EVIL_T2	10	12	2	0.27	0.43	0.16	-0.59	-0.63	0	0	0	0	0	0
4/25/2023 0:38	54001 SDLE_T1	2	1	-1	0.15	0.7	0.55	0	0	1	1	0	600	600	0
4/25/2023 0:38	46302 ROHR_T1	1	2	1	0.3	0.55	0.25	0.08	0.09	0	0	0	0	0	0
4/25/2023 0:39	54001 SDLE_T1	2	1	-1	0.15	0.7	0.55	0	0	1	1	0	600	600	0
4/25/2023 0:58	45901 AUBU_T1	0	0	0	0	0	0	1.39	1.44	0	0	0	0	0	0
4/25/2023 1:01	66401 ROBE_T1	0	0	0	0	0	0	-1.66	-1.68	2	2	0	1200	1200	0
4/25/2023 1:02	45901 AUBU_T1	0	0	0	0	0	0	1.39	1.44	0	0	0	0	0	0
4/25/2023 1:08	45901 AUBU_T1	0	0	0	0	0	0	1.44	1.44	0	0	0	0	0	0
4/25/2023 1:10	29401 BELT_T1	0	0	0	0	0	0	0	0	1	1	0	900	900	0
4/25/2023 1:14	40502 CRES_T2	0	0	0	0	0	0	0.47	0.47	0	0	0	0	0	0
4/25/2023 1:18	45902 AUBU_T1	0	0	0	0	0	0	-1.01	-1.03	1	1	0	600	600	0
4/25/2023 1:18	54001 SDLE_T1	1	1	0	0.8	0.7	-0.1	0	0	1	1	0	600	600	0
4/25/2023 1:19	45901 AUBU_T1	0	0	0	0	0	0	1.44	1.4	0	0	0	0	0	0
4/25/2023 1:19	59101 WALK_T2	0	0	0	0	0	0	-0.85	-0.82	0	0	0	0	0	0
4/25/2023 1:22	65001 NEFF_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
4/25/2023 1:28	66402 ROBE_T1	0	0	0	0	0	0	-1.09	-0.88	2	2	0	1500	1500	0
4/25/2023 1:29	40502 CRES_T2	0	0	0	0	0	0	0.47	0.46	0	0	0	0	0	0
4/25/2023 1:33	59101 WALK_T2	0	0	0	0	0	0	-0.85	-0.82	0	0	0	0	0	0
4/25/2023 1:35	66401 ROBE_T1	0	1	1	0	0.1	0.1	0	0	0	0	0	0	0	0
4/25/2023 1:37	45902 AUBU_T1	0	0	0	0	0	0	-1.01	-1.01	1	1	0	600	600	0
4/25/2023 1:38	16301 ALPA_T1	124	222	98	0.15	0.18	0.03	-0.5	-0.45	0	0	0	0	0	0
4/25/2023 1:39	59101 WALK_T2	0	0	0	0	0	0	-0.82	-0.85	0	0	0	0	0	0
4/25/2023 1:47	56803 BENV_T1	3	6	3	0.13	0.15	0.02	0	0	0	0	0	0	0	0
4/25/2023 1:51	45902 AUBU_T1	0	0	0	0	0	0	-1.01	-0.98	1	1	0	600	600	0
4/25/2023 1:54	51604 DUKE_T2	0	0	0	0	0	0	-1.79	-1.77	1	1	0	900	900	0
4/25/2023 1:57	51604 DUKE_T2	0	0	0	0	0	0	-1.79	-1.77	1	1	0	900	900	0
4/25/2023 1:57	45902 AUBU_T1	0	0	0	0	0	0	-1.01	-0.98	1	1	0	600	600	0
4/25/2023 1:59	58402 MORO_T1	0	0	0	0	0	0	-1.29	-1.27	2	2	0	1500	1500	0
4/25/2023 2:03	58402 MORO_T1	0	0	0	0	0	0	-1.29	-1.27	2	2	0	1500	1500	0
4/25/2023 2:07	56803 BENV_T1	6	4	-2	0.15	0.15	0	0	0	0	0	0	0	0	0
4/25/2023 2:08	66401 ROBE_T1	1	0	-1	0.1	0	-0.1	0	0	0	0	0	0	0	0
4/25/2023 2:09	51604 DUKE_T2	0	0	0	0	0	0	-1.77	-1.8	1	1	0	900	900	0
4/25/2023 2:22	51604 DUKE_T2	0	0	0	0	0	0	-1.8	-1.78	1	1	0	900	900	0
4/25/2023 2:39	40502 CRES_T2	0	0	0	0	0	0	0.37	0.39	0	0	0	0	0	0
4/25/2023 2:59	58402 MORO_T1	0	0	0	0	0	0	-1.29	-1.39	2	2	0	1500	1500	0
4/25/2023 3:32	27502 WEIS_T2	0	0	0	0	0	0	-0.37	-0.37	0	0	0	0	0	0
4/25/2023 3:49	51604 DUKE_T2	0	0	0	0	0	0	-1.79	-1.76	1	1	0	900	900	0
4/25/2023 4:28	45901 AUBU_T1	0	0	0	0	0	0	1.66	1.6	0	0	0	0	0	0
4/25/2023 4:34	51604 DUKE_T2	0	0	0	0	0	0	-1.76	-1.76	1	1	0	900	900	0
4/25/2023 5:18	45901 AUBU_T1	0	0	0	0	0	0	1.39	1.42	0	0	0	0	0	0
4/25/2023 5:19	56801 BENV_T1	12	0	-12	0.19	0	-0.19	-0.75	-0.71	1	1	0	600	600	0
4/25/2023 5:27	56801 BENV_T1	12	0	-12	0.19	0	-0.19	-0.75	-0.71	1	1	0	600	600	0
4/25/2023 8:19	57602 RUTH_T2	0	2	2	0	0.55	0.55	0.1	0	0	0	0	0	0	0
4/25/2023 8:55	57602 RUTH_T2	2	2	0	0.5	0.5	0	0.08	0.07	0	0	0	0	0	0
4/25/2023 9:08	57602 RUTH_T2	2	2	0	0.25	0.65	0.4	0.07	0.08	0	0	0	0	0	0
4/25/2023 9:12	65903 SAKR_T2	0	1	1	0	0.1	0.1	0	0	0	0	0	0	0	0
4/25/2023 9:19	48901 FOSP_T2	0	0	0	1	0	0	0	-0.03	1	1	0	600	600	0
4/25/2023 9:50	47401 PENS_T1	22	14	-8	0.22	0.22	0	0.94	1.02	0	0	0	0	0	0
4/25/2023 10:00	42802 SELI_T1	1	0	-1	0.3	0	-0.3	-0.77	-0.76	1	1	0	900	900	0
4/25/2023 10:00	40603 PIGR_T1	0	0	0	0	0	0	0.3	0.29	0	0	0	0	0	0
4/25/2023 10:00	45902 AUBU_T1	0	0	0	0	0	0	-0.76	-0.77	2	2	0	1200	1200	0
4/25/2023 10:00	12605 MACA_T1	4	1	-3	0.28	0.3	0.02	0	0	0	0	0	0	0	0
4/25/2023 10:00	46302 ROHR_T1	4	4	0	0.68	1.03	0.35	0.14	0.13	0	0	0	0	0	0
4/25/2023 10:00	58401 MORO_T1	4	7	3	0.45	0.44	-0.01	0	0	0	0	0	0	0	0
4/25/2023 10:00	57602 RUTH_T2	2	2	0	0.35	0.4	0.05	0.24	0.15	0	0	0	0	0	0
4/25/2023 10:00	27502 WEIS_T2	0	0	0	0	0	0	0.11	0.07	0	0	0	0	0	0
4/25/2023 10:00	20401 ASHF_T2	11	2	-9	0.3	0.55	0.25	0	0	0	0	0	0	0	0
4/25/2023 10:00	65001 NEFF_T2	14	60	46	0.14	0.17	0.03	0	0	2	2	0	2400	2400	0
4/25/2023 10:00	67603 WARW_T1	1	0	-1	0.5	0	-0.5	0	0	0	0	0	0	0	0
4/25/2023 10:00	24101 EHAZ_T1	0	8	8	0	0.32	0.32	0.08	0.23	3	3	0	1800	1800	0
4/25/2023 10:00	45902 AUBU_T1	0	0	0	0	0	0	-0.76	-0.77	2	2	0	1200	1200	0
4/25/2023 10:00	56801 BENV_T1	47	45	-2	0.74	0.77	0.03	-0.2	-0.26	0	0	0	0	0	0
4/25/2023 10:00	65901 SAKR_T2	0	1	1	0	0.8	0.8	-1.3	-1.33	1	1	0	900	900	0
4/25/2023 10:00	53501 EVIL_T2	4	5	1	0.35	0.24	-0.11	0.07	0.14	1	1	0	600	600	0
4/25/2023 10:00	65003 NEFF_T2	6	11	5	0.38	0.32	-0.06	0	0	0	0	0	0	0	0
4/25/2023 10:00	47402 PENS_T1	0	1	1	0	0.3	0.3	0	0	0	0	0	0	0	0
4/25/2023 10:00	59102 WALK_T2	1	2	1	0.4	0.5	0.1	0	0	0	0	0	0	0	0
4/25/2023 10:00	16301 ALPA_T1	12	14	2	0.18	0.26	0.08	-0.35	-0.34	0	0	0	0	0	0
4/25/2023 10:00	66701 STRA_T1	1	1	0	1	0.1	-0.9	0	0	0	0	0	0	0	0
4/25/2023 10:00	29401 BELT_T1	34	25	-9	0.19	0.14	-0.05	0	0	1	1	0	900	900	0
4/25/2023 10:00	42201 SHEN_T2	0	0	0	0	0	0	0.1	0.06	1	1	0	600	600	0
4/25/2023 10:00	66401 ROBE_T1	0	0	0	0	0	0	-1.43	-1.51	2	2	0	1200	1200	0
4/25/2023 10:00	29401 BELT_T1	34	25	-9	0.19	0.14	-0.05	0	0	1	1	0	900	900	0
4/25/2023 10:00	42701 AUGU_T1	1	1	0	0.6	0.7	0.1	0	0	3	3	0	1800	1800	0
4/25/2023 10:00	16901 MECK_T1	0	2	2	0	0.3	0.3	0	0	0	0	0	0	0	0
4/25/2023 10:00	64802 MONE_T2	20	29	9	0.26	0.3	0.04	0	0	0	0	0	0	0	0
4/25/2023 10:00	46602 LACR_T1	2	1	-1	0.2	0.2	0	-1.17	-1.16	0	0	0	0	0	0
4/25/2023 10:00	67204 TEHI_T2	1	1	0	0.5	0.2	-0.3	-0.07	-0.09	0	0	0	0	0	0
4/25/2023 10:00	51604 DUKE_T2	3	2	-1	0.13	0.25	0.12	-1.92	-1.85	0	0	0	0	0	0
4/25/2023 10:00	66401 ROBE_T1	0	0	0	0	0	0	-1.43	-1.51	2	2	0	1200	1200	0
4/25/2023 10:00	40502 CRES_T2	6	12	6	0.15	0.19	0.04	-0.72	-0.72	0	0	0	0	0	0
4/25/2023 10:00	65604 QVIL_T2	0	0	0	0	0	0	0.54	0.54	0	0	0	0	0	0
4/25/2023 10:00	56601 HAMP_T1	0	0	0	0	0	0	0.06	0.09	0	0	0	0	0	0
4/25/2023 10:00	20801 LOPO_T1	0	0	0	0	0	0	0.1	0.08	0	0	0	0	0	0
4/25/2023 10:00	54001 SDLE_T1	7	7	0	0.99	1.06	0.07	0	0	0	0	0	0	0	0
4/25/2023 11:23	29401 BELT_T1	18	37	19	0.16	0.22	0.06	0	0	1	1	0	900	900	0
4/25/2023 11:32	41801 GOCI_T2	77	9	-68	0.24	0.21	-0.03	0	0	0	0	0	0	0	0
4/25/2023 11:41	29402 BELT_T1	4	1	-3	0.48	0.1	-0.38	0	0	0	0	0	0	0	0
4/25/2023 11:45	48901 FOSP_T2	0	0	0	0	0	0	-0.01	0	1	1	0	600	600	0
4/25/2023 11:56	56803 BENV_T1	59	43	-16	0.32	0.42	0.1	0	0	0	0	0	0	0	0
4/25/2023 12:00	56802 BENV_T2	62	19	-43	0.15	0.43	0.28	-1.42	-1.41	0	0	0	0	0	0
4/25/2023 12:08	67502 WEWI_T2	91	127	36	0.19	0.26	0.07	-0.37	-0.3	0	0	0	0	0	0
4/25/2023 12:12	56801 BENV_T1	44	44	0	1.02	0.91	-0.11	-0.18	-0.17	0	0	0	0	0	0
4/25/2023 12:12	59102 WALK_T2	8	7	-1	0.48	0.56	0.08	0	0	0	0	0	0	0	0
4/25/2023 12:12	46302 ROHR_T1	1	1	0	1.9	1.6	-0.3	0.13	0.13	0	0	0	0	0	0
4/25/2023 12:35	54001 SDLE_T1	12	13	1	1.1	1.17	0.07	0	0	0	0	0	0	0	0
4/25/2023 12:41	54001 SDLE_T1	12	13	1	1.1	1.17	0.07	0	0	0	0	0	0	0	0
4/25/2023 12:44	47401 PENS_T1	5	0	-5	0.28	0	-0.28	0.78	1.05	0	0	0	0	0	0
4/25/2023 13:03	47401 PENS_T1	0	3	3	0	0.37	0.37	1.05	1.14	0	0	0	0	0	0
4/25/2023 13:11	53501 EVIL_T2	1	8	7	0.5	0.79	0.29	0.04	0.12	1	1	0	600	600	0
4/25/2023 13:14	40502 CRES_T2	5	1	-4	0.14	0.1	-0.04	-0.33	-0.34	0	0	0	0	0	0
4/25/2023 13:17	53501 EVIL_T2	6	7	1	0.55	0.89	0.34	0.04	0.12	1	1	0	600	600	0
4/25/2023 13:33	40502 CRES_T2	1	11	10	0.1	0.19	0.09	-0.34	-0.34	0	0	0	0	0	0
4/25/2023 13:41	42802 SELI_T1	0	0	0	0	0	0	-0.74	-0.73	1	1	0	900	900	0
4/25/2023 13:43	46602 LACR_T1	0	0	0	0	0	0	-1.2	-1.16	0	0	0	0	0	0
4/25/2023 13:45	59101 WALK_T2	4	0	-4	0.63	0	-0.63	0.13	0.27	0	0	0	0	0	0
4/25/2023 13:48	46602 LACR_T1	0	1	1	0	0.5	0.5	-1.2	-1.16	0	0	0	0	0	0
4/25/2023 13:49	42802 SELI_T1	0	0	0	0	0	0	-0.73	-0.78	1	1	0	900	900	0
4/25/2023 13:50	64802 MONE_T2	14	25	11	0.35	0.39	0.04	-0.07	0.13	0	0	0	0	0	0
4/25/2023 13:52	56803 BENV_T1	18	22	4	0.71	0.68	-0.03	0	0	0	0	0	0	0	0
4/25/2023 13:52	66703 STRA_T1	6	26	20	0.32	0.32	0	-0.2	-0.17	0	0	0	0	0	0
4/25/2023 13:53	16301 ALPA_T1	38	81	43	0.16	0.17	0.01	-0.31	-0.31	0	0	0	0	0	0
4/25/2023 13:57	56803 BENV_T1	18	22	4	0.71	0.68	-0.03	0	0	0	0	0	0	0	0
4/25/2023 13:58	66701 STRA_T1	1	1	0	0.1	1.2	1.1	0	0	0	0	0	0	0	0
4/25/2023 14:02	14802 TREI_T2	5	18	13	0.38	0.31	-0.07	0	0	0	0	0	0	0	0
4/25/2023 14:03	59101 WALK_T2	0	0	0	0	0	0	0.27	0.07	0	0	0	0	0	0
4/25/2023 14:04	56803 BENV_T1	20	19	-1	0.72	0.67	-0.05	0	0	0	0	0	0	0	0
4/25/2023 14:04	49803 UNIV_T1	125	155	30	0.55	0.8	0.25	-2.22	-2.18	0	0	0	0	0	0
4/25/2023 14:04	53501 EVIL_T2	14	15	1	0.64	0.73	0.09	-0.11	-0.12	1	1	0	600	600	0
4/25/2023 14:08	56803 BENV_T1	20	19	-1	0.72	0.67	-0.05	0	0	0	0	0	0	0	0
4/25/2023 14:11	56803 BENV_T1	20	19	-1	0.72	0.67	-0.05	0	0	0	0	0	0	0	0
4/25/2023 14:18	53502 EVIL_T2	0	1	1	0	0	0	0	0	0	0	0	0	0	0
4/25/2023 14:19	46602 LACR_T1	1	6	5	0.5	0.45	-0.05	-1.24	-1.24	0	0	0	0	0	0
4/25/2023 14:21	65004 NEFF_T2	443	628	185	0.37	0.55	0.18	0	0	0	0	0	0	0	0
4/25/2023 14:32	24105 EHAZ_T1	4	4	0	6.1	5.93	-0.17	0	0	0	0	0	0	0	0
4/25/2023 14:37	65001 NEFF_T2	314	503	189	0.41	0.6	0.19	0	0	1	1	0	1200	1200	0
4/25/2023 14:42	29402 BELT_T1	1	5	4	0.3	0.8	0.5	0	0	0	0	0	0	0	0
4/25/2023 14:48	24105 EHAZ_T1	4	4	0	6.08	5.9	-0.18	0	0	0	0	0	0	0	0
4/25/2023 14:53	29401 BELT_T1	64	63	-1	0.27	0.25	-0.02	0	0	0	0	0	0	0	0
4/25/2023 14:57	26402 INOR_T1	0	1	1	0	0.2	0.2	-0.42	-0.41	0	0	0	0	0	0
4/25/2023 16:12	65604 QVIL_T2	0	0	0	0	0	0	0.2	0.18	0	0	0	0	0	0
4/25/2023 16:28	20401 ASHF_T2	79	100	21	0.32	0.81	0.49	0	0	0	0	0	0	0	0
4/25/2023 16:37	20401 ASHF_T2	99	101	2	0.76	0.78	0.02	0	0	0	0	0	0	0	0
4/25/2023 16:41	63801 HEMP_T1	6	3	-3	0.48	0.67	0.19	-0.3	-0.32	0	0	0	0	0	0
4/25/2023 16:41	42802 SELI_T1	0	0	0	0	0	0	0.02	0	0	0	0	0	0	0
4/25/2023 16:43	29402 BELT_T1	2	0	-2	0.35	0	-0.35	0	0	0	0	0	0	0	0
4/25/2023 16:44	47402 PENS_T1	1	1	0	0.2	0.1	-0.1	0	0	0	0	0	0	0	0
4/25/2023 16:45	59102 WALK_T2	46	67	21	0.26	0.23	-0.03	0	0	0	0	0	0	0	0
4/25/2023 16:48	67502 WEWI_T2	250	231	-19	0.34	0.31	-0.03	0	0	0	0	0	0	0	0
4/25/2023 16:49	65004 NEFF_T2	2	2	0	0.35	0.5	0.15	0	0	0	0	0	0	0	0
4/25/2023 16:51	53502 EVIL_T2	1	0	-1	0.2	0	-0.2	0	0	0	0	0	0	0	0
4/25/2023 16:52	24105 EHAZ_T1	4	4	0	5.75	5.6	-0.15	0	0	0	0	0	0	0	0
4/25/2023 16:52	66702 STRA_T1	0	1	1	0	0	0	0	0	0	0	0	0	0	0
4/25/2023 16:53	46602 LACR_T1	1	1	0	0.2	0.2	0	-1.2	-1.28	0	0	0	0	0	0
4/25/2023 16:54	45901 AUBU_T1	0	0	0	0	0	0	1.83	1.84	0	0	0	0	0	0
4/25/2023 16:54	40502 CRES_T2	0	0	0	0	0	0	0.45	0.49	0	0	0	0	0	0
4/25/2023 16:55	54001 SDLE_T1	9	9	0	1.42	1.38	-0.04	0	0	0	0	0	0	0	0
4/25/2023 16:56	57601 RUTH_T2	0	0	0	0	0	0	0.48	0.48	0	0	0	0	0	0
4/25/2023 16:56	56803 BENV_T1	21	16	-5	0.67	0.56	-0.11	0	0	0	0	0	0	0	0
4/25/2023 16:57	56802 BENV_T2	9	5	-4	0.38	0.42	0.04	-1.46	-1.42	0	0	0	0	0	0
4/25/2023 17:02	61801 EEU_T2	0	0	0	0	0	0	-0.9	-0.98	0	0	0	0	0	0
4/25/2023 17:02	29402 BELT_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
4/25/2023 17:04	56801 BENV_T1	20	20	0	1.21	1.16	-0.05	-0.2	-0.2	0	0	0	0	0	0
4/25/2023 17:06	57602 RUTH_T2	0	0	0	0	0	0	0.02	0	0	0	0	0	0	0
4/25/2023 17:09	41902 REED_T1	0	0	0	0	0	0	0.98	1.01	0	0	0	0	0	0
4/25/2023 17:09	47401 PENS_T1	0	0	0	0	0	0	0.82	0.73	0	0	0	0	0	0
4/25/2023 17:21	65001 NEFF_T2	476	486	10	0.56	0.53	-0.03	0	0	1	1	0	1200	1200	0
4/25/2023 17:23	67204 TEHI_T2	2	1	-1	0.35	0.3	-0.05	0.04	0.06	0	0	0	0	0	0
4/25/2023 17:27	58401 MORO_T1	0	1	1	0	0.1	0.1	0	0	0	0	0	0	0	0
4/25/2023 17:28	14403 SSLA_T1	2	1	-1	0.15	0.4	0.25	0.63	0.6	0	0	0	0	0	0
4/25/2023 17:34	46203 DANV_T2	42	22	-20	0.25	0.2	-0.05	0	0	0	0	0	0	0	0
4/25/2023 20:04	56801 BENV_T1	25	17	-8	0.7	0.38	-0.32	-0.17	-0.16	0	0	0	0	0	0
4/25/2023 20:25	65001 NEFF_T2	330	372	42	0.38	0.52	0.14	0	0	1	1	0	1200	1200	0
4/25/2023 20:26	29402 BELT_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
4/25/2023 20:30	24105 EHAZ_T1	4	4	0	5.93	5.65	-0.28	0	0	0	0	0	0	0	0
4/25/2023 20:56	67502 WEWI_T2	0	0	0	0	0	0	-0.5	-0.49	0	0	0	0	0	0
4/25/2023 21:03	26402 INOR_T1	0	0	0	0	0	0	-0.5	-0.53	0	0	0	0	0	0
4/25/2023 21:22	16301 ALPA_T1	9	108	99	0.17

Appendix C - Grid Benefits Achieved in Each Instance of Active Management

4/26/2023 1:36	67503 WEWI_T2	0	0	0	0	0	0	-0.38	-0.42	0	0	0	0	0	0
4/26/2023 1:39	67502 WEWI_T2	0	0	0	0	0	0	-0.66	-0.67	0	0	0	0	0	0
4/26/2023 1:41	59101 WALK_T2	0	0	0	0	0	0	-0.85	-0.86	0	0	0	0	0	0
4/26/2023 2:27	61801 EELI_T2	0	0	0	0	0	0	-0.96	-0.98	0	0	0	0	0	0
4/26/2023 2:35	61801 EELI_T2	0	0	0	0	0	0	-0.98	-0.98	0	0	0	0	0	0
4/26/2023 2:36	67503 WEWI_T2	0	0	0	0	0	0	-0.39	-0.39	0	0	0	0	0	0
4/26/2023 3:01	59101 WALK_T2	0	0	0	0	0	0	-0.84	-0.87	0	0	0	0	0	0
4/26/2023 3:01	61801 EELI_T2	0	0	0	0	0	0	-0.98	-0.98	0	0	0	0	0	0
4/26/2023 10:00	41901 REED_T1	2	1	-1	0.2	0.3	0.1	0	0	0	0	0	0	0	0
4/26/2023 10:00	56801 BENV_T1	51	51	0	0.83	0.86	0.03	-1.14	-0.96	0	0	0	0	0	0
4/26/2023 10:00	67604 WARW_T1	0	1	1	0	0.1	0.1	0.75	0.75	0	0	0	0	0	0
4/26/2023 10:00	20403 ASHF_T2	1	1	0	1.3	1	-0.3	1	1.16	0	0	0	0	0	0
4/26/2023 10:00	12604 MACA_T1	0	0	0	0	0	0	0.34	0.32	0	0	0	0	0	0
4/26/2023 10:00	26402 INOR_T1	0	0	0	0	0	0	-1.06	-1.06	1	1	0	600	600	0
4/26/2023 10:00	56601 HAMP_T1	2	7	5	0.25	0.24	-0.01	-0.06	-0.08	0	0	0	0	0	0
4/26/2023 10:00	45901 AUBU_T1	0	0	0	0	0	0	2.23	2.13	0	0	0	0	0	0
4/26/2023 10:00	46206 DANV_T2	0	0	0	0	0	0	0.96	0.98	1	1	0	1200	1200	0
4/26/2023 10:00	49803 UNIV_T1	48	51	3	0.32	0.19	-0.13	-0.76	-0.84	0	0	0	0	0	0
4/26/2023 10:00	65003 NEFF_T2	1	7	6	0.2	0.3	0.1	0	0	0	0	0	0	0	0
4/26/2023 10:00	53501 EVIL_T2	1	4	3	1	0.23	-0.77	-0.16	0.05	3	3	0	1800	1800	0
4/26/2023 10:00	56802 BENV_T2	2	4	2	0.35	0.23	-0.12	-2.9	-2.88	0	0	0	0	0	0
4/26/2023 10:00	65003 NEFF_T2	1	7	6	0.2	0.3	0.1	0	0	0	0	0	0	0	0
4/26/2023 10:00	57603 RUTH_T2	0	2	2	0	0.15	0.15	0	0	0	0	0	0	0	0
4/26/2023 10:00	58401 MORO_T1	4	6	2	0.35	0.33	-0.02	0	0	0	0	0	0	0	0
4/26/2023 10:00	64802 MONE_T2	0	2	2	0	0.1	0.1	0.05	0.03	0	0	0	0	0	0
4/26/2023 10:00	63804 HEMP_T1	1	1	0	6.2	6	-0.2	0	0	0	0	0	0	0	0
4/26/2023 10:00	64802 MONE_T2	0	2	2	0	0.1	0.1	0.05	0.03	0	0	0	0	0	0
4/26/2023 10:00	61801 EELI_T2	5	2	-3	0.2	0.35	0.15	-0.78	-0.82	0	0	0	0	0	0
4/26/2023 10:00	29401 BELT_T1	10	13	3	0.13	0.21	0.08	0	0	1	1	0	900	900	0
4/26/2023 10:00	66701 STRA_T1	0	1	1	0	0.7	0.7	0	0	0	0	0	0	0	0
4/26/2023 10:00	41801 GOCI_T2	58	195	137	0.31	0.42	0.11	0	0	0	0	0	0	0	0
4/26/2023 10:00	24101 EHAZ_T1	2	1	-1	1	0.6	-0.4	0.47	0.46	2	2	0	1200	1200	0
4/26/2023 10:00	40502 CRES_T2	0	0	0	0	0	0	-0.26	-0.23	0	0	0	0	0	0
4/26/2023 10:00	42802 SELI_T1	0	2	2	0	0.55	0.55	-0.81	-0.78	1	1	0	900	900	0
4/26/2023 10:00	52503 PROG_T2	0	0	0	0	0	0	-0.69	-0.7	1	1	0	900	900	0
4/26/2023 10:00	14402 SSLA_T1	1	5	4	0.2	0.28	0.08	0	0	0	0	0	0	0	0
4/26/2023 10:00	47401 PENS_T1	0	0	0	0	0	0	1.58	1.76	0	0	0	0	0	0
4/26/2023 10:00	46602 LACR_T1	0	0	0	0	0	0	-1.88	-1.76	0	0	0	0	0	0
4/26/2023 10:00	59101 WALK_T2	0	0	0	0	0	0	-0.15	0.3	0	0	0	0	0	0
4/26/2023 10:00	65604 QVIL_T2	0	0	0	0	0	0	0.52	0.56	0	0	0	0	0	0
4/26/2023 10:00	67502 WEWI_T2	0	1	1	0	0.1	0.1	-0.19	-0.28	0	0	0	0	0	0
4/26/2023 10:00	29402 BELT_T1	2	2	0	0.4	0.4	0	0	0	0	0	0	0	0	0
4/26/2023 10:00	40603 PIGR_T1	0	0	0	0	0	0	0.28	0.27	0	0	0	0	0	0
4/26/2023 10:00	67503 WEWI_T2	0	1	1	0	0.2	0.2	-0.36	-0.36	0	0	0	0	0	0
4/26/2023 10:00	46302 ROHR_T1	1	3	2	0.8	0.53	-0.27	0.14	0.15	0	0	0	0	0	0
4/26/2023 10:00	67204 TEHI_T2	0	1	1	0	0.3	0.3	-0.16	-0.21	0	0	0	0	0	0
4/26/2023 10:00	16301 ALPA_T1	0	0	0	0	0	0	-0.41	-0.37	0	0	0	0	0	0
4/26/2023 10:00	54001 SDLE_T1	5	9	4	0.66	0.5	-0.16	0	0	1	1	0	600	600	0
4/26/2023 10:36	48901 FOSP_T2	0	0	0	0	0	0	0.02	-0.02	1	1	0	600	600	0
4/26/2023 11:28	20401 ASHF_T2	4	6	2	1.15	0.62	-0.53	0	0	0	0	0	0	0	0
4/26/2023 12:17	42802 SELI_T1	0	0	0	0	0	0	-0.7	-0.77	1	1	0	900	900	0
4/26/2023 12:20	50201 HARR_T3	1	1	0	0.8	0.8	0	0	0	0	0	0	0	0	0
4/26/2023 12:20	42701 AUGU_T1	8	9	1	0.5	0.43	-0.07	0	0	2	2	0	1800	1800	0
4/26/2023 12:23	47403 PENS_T1	2	2	0	0.4	0.55	0.15	0	0	0	0	0	0	0	0
4/26/2023 12:24	56801 BENV_T1	66	74	8	1.37	1.38	0.01	-0.2	-0.2	0	0	0	0	0	0
4/26/2023 12:25	59102 WALK_T2	6	3	-3	0.8	0.3	-0.5	0	0	0	0	0	0	0	0
4/26/2023 12:25	65005 NEFF_T2	5	2	-3	0.16	0.25	0.09	0	0	0	0	0	0	0	0
4/26/2023 12:25	42701 AUGU_T1	8	9	1	0.5	0.43	-0.07	0	0	2	2	0	1800	1800	0
4/26/2023 12:27	56803 BENV_T1	16	17	1	0.68	0.63	-0.05	0	0	0	0	0	0	0	0
4/26/2023 12:27	59101 WALK_T2	33	2	-31	0.41	0.35	-0.06	-0.09	-0.09	0	0	0	0	0	0
4/26/2023 12:28	54001 SDLE_T1	8	10	2	0.99	1.01	0.02	0	0	0	0	0	0	0	0
4/26/2023 12:28	45902 AUBU_T1	1	1	0	0.4	0.1	-0.3	0	0	0	0	0	0	0	0
4/26/2023 12:28	44504 HAMI_T2	0	1	1	0	0.1	0.1	0	0	0	0	0	0	0	0
4/26/2023 12:29	65601 QVIL_T2	1	1	0	0.2	0.4	0.2	0	0	0	0	0	0	0	0
4/26/2023 12:31	66703 STRA_T1	46	9	-37	0.27	0.36	0.09	-0.18	-0.18	0	0	0	0	0	0
4/26/2023 12:32	56801 BENV_T1	72	61	-11	1.4	1.17	-0.23	-0.2	-0.2	0	0	0	0	0	0
4/26/2023 12:33	67204 TEHI_T2	1	1	0	1.1	1.2	0.1	-0.13	-0.11	0	0	0	0	0	0
4/26/2023 12:34	20801 LOPO_T1	1	1	0	0.3	0.2	-0.1	0.09	0.1	0	0	0	0	0	0
4/26/2023 12:35	40505 CRES_T1	0	0	0	0	0	0	0.31	0.31	0	0	0	0	0	0
4/26/2023 12:35	47403 PENS_T1	2	1	-1	0.55	2.4	1.85	0	0	0	0	0	0	0	0
4/26/2023 12:36	65601 QVIL_T2	1	0	-1	0.4	0	-0.4	0	0	0	0	0	0	0	0
4/26/2023 13:37	65001 NEFF_T2	58	230	172	0.13	0.32	0.19	0	0	0	0	0	0	0	0
4/26/2023 13:40	65003 NEFF_T2	0	5	5	0	0.28	0.28	0	0	0	0	0	0	0	0
4/26/2023 13:53	46302 ROHR_T1	3	4	1	1.2	0.83	-0.37	0.05	0	0	0	0	0	0	0
4/26/2023 14:10	46302 ROHR_T1	4	4	0	0.8	0.7	-0.1	0.05	0.09	0	0	0	0	0	0
4/26/2023 14:26	57603 RUTH_T2	11	11	0	0.39	0.37	-0.02	0	0	0	0	0	0	0	0
4/26/2023 14:31	57603 RUTH_T2	11	5	-6	0.37	0.34	-0.03	0	0	0	0	0	0	0	0
4/26/2023 14:32	67502 WEWI_T2	145	102	-43	0.26	0.2	-0.06	-0.26	-0.29	0	0	0	0	0	0
4/26/2023 15:06	57602 RUTH_T2	2	3	1	0.85	0.63	-0.22	0	0	0	0	0	0	0	0
4/26/2023 15:24	16301 ALPA_T1	5	3	-2	0.3	0.43	0.13	-0.36	-0.35	0	0	0	0	0	0
4/26/2023 15:31	16301 ALPA_T1	3	2	-1	0.43	0.4	-0.03	-0.36	-0.35	0	0	0	0	0	0
4/26/2023 15:47	65005 NEFF_T2	1	15	14	0.1	0.18	0.08	0	0	0	0	0	0	0	0
4/26/2023 16:23	61506 EPET_T2	0	0	0	0	0	0	-0.95	-0.84	1	1	0	900	900	0
4/26/2023 16:24	16301 ALPA_T1	1	1	0	0.2	0.2	0	-0.34	-0.31	0	0	0	0	0	0
4/26/2023 17:13	46302 ROHR_T1	1	3	2	2.1	0.97	-1.13	0.12	0.08	0	0	0	0	0	0
4/26/2023 17:17	61505 EPET_T1	501	267	-234	0.26	0.15	-0.11	0	0	0	0	0	0	0	0
4/26/2023 19:32	39601 LNFD_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
4/26/2023 19:56	10203 ALLE_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
4/26/2023 20:12	14801 TREI_T2	1	0	-1	0.1	0	-0.1	0.26	0.26	0	0	0	0	0	0
4/26/2023 20:18	20801 LOPO_T1	1	0	-1	2.9	0	-2.9	0.1	0.11	0	0	0	0	0	0
4/26/2023 20:23	42701 AUGU_T1	1	1	0	1	0.9	-0.1	0	0	2	2	0	1800	1800	0
4/26/2023 21:10	48901 FOSP_T2	0	0	0	0	0	0	-0.41	-0.44	1	1	0	600	600	0
4/26/2023 21:22	67502 WEWI_T2	0	7	7	0	0.11	0.11	-0.52	-0.48	0	0	0	0	0	0
4/26/2023 21:24	16301 ALPA_T1	1	1	0	0.2	0.3	0.1	-0.43	-0.45	0	0	0	0	0	0
4/26/2023 23:31	20403 ASHF_T2	17	21	4	0.18	0.3	0.12	-0.04	-0.04	0	0	0	0	0	0
4/26/2023 23:38	54001 SDLE_T1	1	1	0	0.7	0.5	-0.2	0	0	0	0	0	0	0	0
4/27/2023 0:28	20401 ASHF_T2	1	2	1	0.1	0.1	0	0	0	0	0	0	0	0	0
4/27/2023 0:28	65004 NEFF_T2	0	0	0	0	0	-0.57	-0.59	-0.59	0	0	0	0	0	0
4/27/2023 0:28	67204 TEHI_T2	111	112	1	0.32	0.33	0.01	-0.69	-0.69	0	0	0	0	0	0
4/27/2023 0:28	66703 STRA_T1	0	0	0	0	0	0	-0.55	-0.56	0	0	0	0	0	0
4/27/2023 0:28	46302 ROHR_T1	3	3	0	0.47	0.77	0.3	0.08	0.07	0	0	0	0	0	0
4/27/2023 0:28	58402 MORO_T1	0	0	0	0	0	0	-1.01	-1.02	1	1	0	900	900	0
4/27/2023 0:28	47401 PENS_T1	0	18	18	0	0.13	0.13	0.56	0.61	0	0	0	0	0	0
4/27/2023 0:28	42701 AUGU_T1	1	1	0	2	1.8	-0.2	0	0	2	2	0	1800	1800	0
4/27/2023 0:28	40505 CRES_T1	0	0	0	0	0	0	0.27	0.27	0	0	0	0	0	0
4/27/2023 0:40	65604 QVIL_T2	0	0	0	0	0	0	0.15	0.16	0	0	0	0	0	0
4/27/2023 0:41	65604 QVIL_T2	0	0	0	0	0	0	0.15	0.16	0	0	0	0	0	0
4/27/2023 0:56	61502 EPET_T1	0	0	0	0	0	0	-0.81	-0.8	0	0	0	0	0	0
4/27/2023 0:57	44501 HAMI_T2	5	0	-5	0.1	0	-0.1	0	0	0	0	0	0	0	0
4/27/2023 1:12	44502 HAMI_T2	2	1	-1	1.9	3.9	2	-1.07	-1.08	0	0	0	0	0	0
4/27/2023 1:27	65603 QVIL_T2	0	1	1	0	0.3	0.3	-0.67	-0.69	0	0	0	0	0	0
4/27/2023 1:30	59101 WALK_T2	12	37	25	0.11	0.17	0.06	-0.89	-0.85	0	0	0	0	0	0
4/27/2023 1:31	20403 ASHF_T2	0	0	0	0	0	0	-0.07	-0.06	0	0	0	0	0	0
4/27/2023 1:32	45901 AUBU_T1	0	0	0	0	0	0	2.11	2.11	0	0	0	0	0	0
4/27/2023 1:33	45901 AUBU_T1	0	0	0	0	0	0	2.11	2.11	0	0	0	0	0	0
4/27/2023 1:34	65603 QVIL_T2	1	0	-1	0.3	0	-0.3	-0.69	-0.69	0	0	0	0	0	0
4/27/2023 1:43	59101 WALK_T2	12	37	25	0.11	0.17	0.06	-0.85	-0.87	0	0	0	0	0	0
4/27/2023 1:48	59101 WALK_T2	37	37	0	0.17	0.16	-0.01	-0.85	-0.87	0	0	0	0	0	0
4/27/2023 1:50	59101 WALK_T2	37	37	0	0.17	0.16	-0.01	-0.87	-0.88	0	0	0	0	0	0
4/27/2023 1:55	10102 ALLE_T2	1	1	0	6.1	6.1	0	0	0	0	0	0	0	0	0
4/27/2023 1:56	10203 ALLE_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
4/27/2023 1:57	42802 SELI_T1	1	2	1	1.3	1.2	-0.1	-0.11	-0.11	0	0	0	0	0	0
4/27/2023 2:02	42802 SELI_T1	1	1	0	1.2	1.1	-0.1	-0.11	-0.11	0	0	0	0	0	0
4/27/2023 2:04	57601 RUTH_T2	0	0	0	0	0	0	-0.58	-0.59	1	1	0	900	900	0
4/27/2023 2:10	56803 BENV_T1	3	5	2	0.1	0.16	0.06	0	0	0	0	0	0	0	0
4/27/2023 2:22	56801 BENV_T1	32	31	-1	0.68	0.51	-0.17	-0.3	-0.28	0	0	0	0	0	0
4/27/2023 2:23	42701 AUGU_T1	1	1	0	0.5	0.5	0	0	0	1	1	0	600	600	0
4/27/2023 2:24	56801 BENV_T1	32	31	-1	0.68	0.51	-0.17	-0.3	-0.28	0	0	0	0	0	0
4/27/2023 2:26	56801 BENV_T1	32	31	-1	0.68	0.51	-0.17	-0.6	-0.56	0	0	0	0	0	0
4/27/2023 2:29	41902 REED_T1	0	0	0	0	0	0	0.66	0.63	0	0	0	0	0	0
4/27/2023 2:37	42701 AUGU_T1	1	1	0	0.5	0.3	-0.2	0	0	1	1	0	600	600	0
4/27/2023 2:38	65001 NEFF_T2	2	6	4	0.1	0.13	0.03	-1.39	-1.45	1	1	0	1200	1200	0
4/27/2023 2:41	42701 AUGU_T1	1	1	0	0.5	0.3	-0.2	0	0	1	1	0	600	600	0
4/27/2023 2:42	42701 AUGU_T1	1	1	0	0.5	0.3	-0.2	0	0	1	1	0	600	600	0
4/27/2023 2:47	41902 REED_T1	0	0	0	0	0	0	0.63	0.66	0	0	0	0	0	0
4/27/2023 2:55	65001 NEFF_T2	1	7	6	0.1	0.13	0.03	-1.45	-1.42	1	1	0	1200	1200	0
4/27/2023 3:29	41902 REED_T1	0	0	0	0	0	0	0.66	0.69	0	0	0	0	0	0
4/27/2023 3:35	10102 ALLE_T2	1	1	0	6.2	6.1	-0.1	0	0	0	0	0	0	0	0
4/27/2023 3:37	44502 HAMI_T2	1	1	0	3.6	3.4	-0.2	-1.06	-1.05	0	0	0	0	0	0
4/27/2023 3:37	42802 SELI_T1	1	1	0	1.2	1	-0.2	-0.1	-0.12	0	0	0	0	0	0
4/27/2023 3:38	65001 NEFF_T2	0	0	0	0	0	0	-1.42	-1.41	1	1	0	1200	1200	0
4/27/2023 3:42	56801 BENV_T1	17	22	5	0.27	0.37	0.1	-0.27	-0.27	0	0	0	0	0	0
4/27/2023 3:43	42701 AUGU_T1	1	1	0	0.2	0.2	0	0	-1	1	1	0	600	600	0
4/27/2023 3:47	65603 QVIL_T2	0	0	0	0	0	0	-0.66	-0.64	0	0	0	0	0	0
4/27/2023 3:50	56801 BENV_T1	22	19	-3	0.37	0.26	-0.11	-0.54	-0.56	0	0	0	0	0	0
4/27/2023 3:52	45901 AUBU_T1	0	0	0	0	0	0	1.63	1.65	0	0	0	0	0	0
4/27/2023 4:00	65604 QVIL_T2	0	0	0	0	0	0	0.16	0.2	0	0	0	0	0	0
4/27/2023 4:17	42701 AUGU_T1	1	0	-1	0.2	0	-0.2	0	0	1	1	0	600	600	0
4/27/2023 8:38	53601 DALM_T2	1	1	0	0.9	1.1	0.2	-0.01	-0.05	1	1	0	900	900	0
4/27/2023 9:48	48901 FOSP_T2	0	0	0	0	0	0	-0.15	-0.05	1	1	0	600	600	0
4/27/2023 9:49	65901 SAKR_T2	0	0	0	0	0	0	-1.13	-1.15	1	1	0	900	900	0
4/27/2023 10:00	50201 HARR_T3	1	1	0	0.3	0.3	0	0	0	0	0	0	0	0	0
4/27/2023 10:00	42802 SELI_T1	1	2	1	0.3	0.2	-0.1	-0.79	-0.77	1	1	0	900	900	0
4/27/2023 10:00	65001 NEFF_T2	0	0	0	0	0	0	-0.58	-0.58	1	1	0	1200	1200	0
4/27/2023 10:00	65603 QVIL_T2	0	0	0	0	0	0	-0.37	-0.39	0	0	0	0	0	0
4/27/2023 10:00	54001 SDLE_T1	7	9	2	0.47	0.56	0.09	0	0	1	1	0	600	600	0
4/27/2023 10:00	65001 NEFF_T2	0	0	0	0	0	0	-0.58	-0.58	1	1	0	1200	1200	0
4/27/2023 10:00	66703 STRA_T1	0	0	0	0	0	0	-0.16	-0.15	0	0	0	0	0	0
4/27/2023 10:00	44502 HAMI_T2	1	1	0	2	2.1	0.1	-0.94	-0.96	0	0	0	0	0	0
4/27/2023 10:00	65604 QVIL_T2	0	0	0	0	0	0	0.52	0.52	0	0	0	0	0	0
4/27/2023 10:00	64801 MONE_T2	1	1	0	0.8	0.6	-0.2	0.22	0.24	0	0	0	0	0	0
4/27/2023 10:00	45901 AUBU_T1	0	0	0	0	0	0	1.37	1.61	0	0	0	0	0	0
4/27/2023 10:00	16301 ALPA_T1	1	1	0	0.2	0.2	0	-0.38	-0.36	0	0	0	0	0	0
4/27/2023 10:00	61502 EPET_T1	0	0	0	0	0	0	-0.45	-0.42	0	0	0	0	0	0
4/27/2023 10:00	42701 AUGU_T1	1	1	0	0.7	0.3	-0.4	0	0	4	4	0	3600	3600	0
4/27/2023 10:00	52502 PROG_T2	0	1	1	0	0	0	0	0	0	0	0	0	0	0
4/27/2023 10:00	10203 ALLE_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
4/27/2023 10:00	58402 MORO_T1	0	0	0	0	0	0	-0.16	-0.18	1	1	0	600	600	0
4/27/2023 10:00	47401 PENS_T1	0	0	0	0	0	0	1.44	1.44	0	0	0	0	0	0
4/27/2023 10:00	65901 SAKR_T2	0	0	0	0	0	0	-1.13	-1.15	1	1	0	900	900	0
4/27/2023 10:00	57601 RUTH_T2	0	0	0	0	0	0	-0.64	-0.59	0	0	0	0	0	0
4/27/2023 10:00	41902 REED_T1	0	0	0	0	0	0	1.02	1.01	0	0	0	0	0	0
4/27/2023 10:00	39601 LNFD_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
4/27/2023 10:00	14801 TREI_T2	2	1	-1	0.55	0.8	0.25	0.21	0.23	0	0	0	0	0	0
4/27/2023 10:00	56803 BENV_T1	5	4	-1	0.32	0.6	0.28	0	0	0	0	0	0	0	0
4/27/2023 10:00	40505 CRES_T1	0	0	0	0	0	0	0.45	0.42	0	0	0	0	0	0
4/27/2023 10:00	20403 ASHF_T2	28	3	-25	0.19	0.1	-0.09	1.14	1.14	0	0	0	0	0	0
4/27/2023 10:00

Appendix C - Grid Benefits Achieved in Each Instance of Active Management

4/27/2023 14:36	427101 AUGU_T1	6	9	3	0.58	0.53	-0.05	0	0	2	2	0	1800	1800	0
4/27/2023 14:49	47402 PENS_T1	1	1	0	0.8	0.6	-0.2	0	0	0	0	0	0	0	0
4/27/2023 14:53	64305 LINC_T1	0	1	1	0	0.2	0.2	0	0	0	0	0	0	0	0
4/27/2023 15:00	42201 SHEN_T2	2	0	-2	0.7	0	-0.7	0.07	0.45	1	0	-1	600	0	-600
4/27/2023 15:04	45902 AUBU_T1	0	0	0	0	0	0	-0.67	-0.61	1	1	0	600	600	0
4/27/2023 15:10	47403 PENS_T1	1	0	-1	0.3	0	-0.3	0	0	0	0	0	0	0	0
4/27/2023 15:10	45501 DERR_T2	1	1	0	0.2	0	-0.2	1.36	1.28	2	2	0	1800	1800	0
4/27/2023 15:19	58402 MORO_T1	0	0	0	0	0	0	-0.3	-0.29	1	1	0	600	600	0
4/27/2023 15:35	46301 ROHR_T1	0	1	1	0	0.9	0.9	0	0	0	0	0	0	0	0
4/27/2023 16:37	59102 WALK_T2	7	56	49	0.43	0.22	-0.21	0	0	0	0	0	0	0	0
4/27/2023 17:04	42802 SELI_T1	0	0	0	0	0	0	-0.91	-0.91	1	1	0	900	900	0
4/27/2023 17:15	64801 MONE_T2	1	1	0	0.7	0.7	0	0	0	0	0	0	0	0	0
4/27/2023 17:21	65603 CJVIL_T2	0	0	0	0	0	0	-0.73	-0.75	0	0	0	0	0	0
4/27/2023 17:28	66703 STRA_T1	4	5	1	0.23	0.4	0.17	-0.29	-0.25	0	0	0	0	0	0
4/27/2023 17:31	54001 SDLE_T1	8	8	0	0.83	0.83	0	0	0	0	0	0	0	0	0
4/27/2023 17:33	41301 FISH_T1	2	2	0	1.7	1.8	0.1	-0.09	-0.01	0	0	0	0	0	0
4/27/2023 17:34	59102 WALK_T2	71	77	6	0.26	0.34	0.08	0	0	0	0	0	0	0	0
4/27/2023 17:43	40603 PIGR_T1	0	0	0	0	0	0	0.31	0.29	0	0	0	0	0	0
4/27/2023 17:43	67204 TEHI_T2	1	1	0	0.3	0.1	-0.2	0.08	0.09	0	0	0	0	0	0
4/27/2023 19:15	65604 CJVIL_T2	0	0	0	0	0	0	0.25	0.24	0	0	0	0	0	0
4/27/2023 19:16	56801 BENV_T1	29	30	1	1.19	0.92	-0.27	-0.19	-0.21	0	0	0	0	0	0
4/27/2023 20:31	53501 EVIL_T2	1	1	0	0.3	0.7	0.4	-0.64	-0.64	0	0	0	0	0	0
4/27/2023 20:58	61502 EPET_T1	0	0	0	0	0	0	-0.57	-0.59	0	0	0	0	0	0
4/27/2023 21:19	29402 BELT_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
4/27/2023 21:38	20801 LOPO_T1	0	0	0	0	0	0	0.09	0.09	0	0	0	0	0	0
4/27/2023 21:55	16301 ALPA_T1	10	104	94	0.18	0.14	-0.04	-0.43	-0.45	0	0	0	0	0	0
4/27/2023 22:10	65602 CJVIL_T2	44	48	4	0.5	0.71	0.21	0	0	0	0	0	0	0	0
4/27/2023 23:27	29401 BELT_T1	0	0	0	0	0	0	0	0	1	1	0	900	900	0
4/28/2023 0:01	56803 BENV_T1	13	3	-10	0.55	0.17	-0.38	0	0	0	0	0	0	0	0
4/28/2023 0:28	45501 DERR_T2	1	1	0	0.5	0.6	0.1	0	0	2	2	0	1800	1800	0
4/28/2023 0:28	61505 EPET_T1	23	278	255	0.1	0.13	0.03	0	0	0	0	0	0	0	0
4/28/2023 0:28	64303 LINC_T1	0	0	0	0	0	0	-0.32	-0.33	0	0	0	0	0	0
4/28/2023 0:28	42201 SHEN_T2	0	0	0	0	0	0	0.29	0.29	0	0	0	0	0	0
4/28/2023 0:28	29401 BELT_T1	0	0	0	0	0	0	0	0	1	1	0	900	900	0
4/28/2023 0:28	47401 PENS_T1	30	52	22	0.13	0.19	0.06	0.69	0.74	0	0	0	0	0	0
4/28/2023 0:28	56803 BENV_T1	3	3	0	0.1	0.2	0.1	0	0	0	0	0	0	0	0
4/28/2023 0:28	46302 ROHR_T1	3	3	0	1.4	1.67	0.27	0.04	0	0	0	0	0	0	0
4/28/2023 0:28	45902 AUBU_T1	0	0	0	0	0	0	-0.32	-0.35	0	0	0	0	0	0
4/28/2023 0:28	16301 ALPA_T1	1	1	0	0.3	0.5	0.2	-0.53	-0.51	0	0	0	0	0	0
4/28/2023 0:28	59101 WALK_T2	0	0	0	0	0	0	-0.78	-0.8	0	0	0	0	0	0
4/28/2023 0:28	53501 EVIL_T2	20	24	4	1.17	1.25	0.08	-0.79	-0.78	0	0	0	0	0	0
4/28/2023 0:28	29401 BELT_T1	0	0	0	0	0	0	0	0	1	1	0	900	900	0
4/28/2023 0:28	20801 LOPO_T1	0	0	0	0	0	0	0.08	0.08	0	0	0	0	0	0
4/28/2023 0:30	58402 MORO_T1	0	0	0	0	0	0	-0.57	-0.49	1	1	0	600	600	0
4/28/2023 0:44	42802 SELI_T1	0	0	0	0	0	0	-0.14	-0.15	0	0	0	0	0	0
4/28/2023 0:47	29401 BELT_T1	0	0	0	0	0	0	0	0	1	1	0	900	900	0
4/28/2023 0:49	54001 SDLE_T1	1	1	0	0.8	0.6	-0.2	0	0	1	1	0	600	600	0
4/28/2023 0:52	54001 SDLE_T1	1	1	0	0.8	0.6	-0.2	0	0	1	1	0	600	600	0
4/28/2023 1:01	64802 MONE_T2	0	0	0	0	0	0	0.07	0.07	0	0	0	0	0	0
4/28/2023 1:01	56801 BENV_T1	36	34	-2	0.91	1.06	0.15	-0.32	-0.34	0	0	0	0	0	0
4/28/2023 1:09	54001 SDLE_T1	1	1	0	0.6	0.7	0.1	0	0	1	1	0	600	600	0
4/28/2023 1:12	59102 WALK_T2	0	1	1	0	0.1	0.1	0	0	0	0	0	0	0	0
4/28/2023 1:12	49803 UNIV_T1	83	71	-12	0.52	0.47	-0.05	2.31	2.34	0	0	0	0	0	0
4/28/2023 1:19	48902 FOSP_T2	0	0	0	0	0	0	-0.36	-0.33	0	0	0	0	0	0
4/28/2023 1:27	67204 TEHI_T2	67	68	1	0.15	0.15	0	-0.03	-0.03	0	0	0	0	0	0
4/28/2023 2:04	66702 STRA_T1	0	1	1	0	0	0	0	0	0	0	0	0	0	0
4/28/2023 2:17	56801 BENV_T1	29	31	2	0.9	0.97	0.07	-0.32	-0.3	0	0	0	0	0	0
4/28/2023 2:22	66703 STRA_T1	0	3	3	0	0.17	0.17	-0.58	-0.58	0	0	0	0	0	0
4/28/2023 2:26	56801 BENV_T1	29	31	2	0.9	0.97	0.07	-0.3	-0.3	0	0	0	0	0	0
4/28/2023 2:27	56801 BENV_T1	29	31	2	0.9	0.97	0.07	-0.3	-0.3	0	0	0	0	0	0
4/28/2023 2:31	47401 PENS_T1	46	48	2	0.16	0.2	0.04	0.55	0.56	0	0	0	0	0	0
4/28/2023 2:31	53503 EVIL_T2	0	1	1	0	0.1	0.1	0	0	0	0	0	0	0	0
4/28/2023 2:33	42701 AUGU_T1	1	1	0	0.7	0.8	0.1	0	0	1	1	0	600	600	0
4/28/2023 2:35	56801 BENV_T1	31	31	0	0.97	1.01	0.04	-0.3	-0.31	0	0	0	0	0	0
4/28/2023 2:37	56801 BENV_T1	31	31	0	0.97	1.01	0.04	-0.9	-0.93	0	0	0	0	0	0
4/28/2023 2:39	29402 BELT_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
4/28/2023 2:42	47403 PENS_T1	43	42	-1	0.22	0.24	0.02	0	0	0	0	0	0	0	0
4/28/2023 2:46	53502 EVIL_T2	1	0	-1	0.1	0	-0.1	0	0	0	0	0	0	0	0
4/28/2023 2:46	56803 BENV_T1	0	1	1	0	0.1	0.1	0	0	0	0	0	0	0	0
4/28/2023 2:47	56803 BENV_T1	0	1	1	0	0.1	0.1	0	0	0	0	0	0	0	0
4/28/2023 2:48	42701 AUGU_T1	1	1	0	0.8	0.6	-0.2	0	0	1	1	0	600	600	0
4/28/2023 2:51	47401 PENS_T1	48	59	11	0.2	0.21	0.01	0.59	0.55	0	0	0	0	0	0
4/28/2023 2:51	53501 EVIL_T2	22	21	-1	1.15	1.16	0.01	-0.82	-0.79	0	0	0	0	0	0
4/28/2023 2:58	20801 LOPO_T1	0	0	0	0	0	0	0.07	0.08	0	0	0	0	0	0
4/28/2023 3:26	47402 PENS_T1	187	225	38	0.18	0.23	0.05	0	0	0	0	0	0	0	0
4/28/2023 3:37	47401 PENS_T1	59	38	-21	0.2	0.16	-0.04	0.61	0.57	0	0	0	0	0	0
4/28/2023 3:47	61505 EPET_T1	330	90	-240	0.14	0.11	-0.03	0	0	0	0	0	0	0	0
4/28/2023 3:55	16301 ALPA_T1	1	1	0	0.2	0.2	0	-0.54	-0.51	0	0	0	0	0	0
4/28/2023 3:56	16301 ALPA_T1	1	1	0	0.2	0.2	0	-0.54	-0.51	0	0	0	0	0	0
4/28/2023 4:44	66703 STRA_T1	0	0	0	0	0	0	-0.53	-0.5	0	0	0	0	0	0
4/28/2023 5:06	47401 PENS_T1	39	0	-39	0.14	0	-0.14	0.63	0.58	0	0	0	0	0	0
4/28/2023 5:15	16301 ALPA_T1	0	0	0	0	0	0	-0.48	-0.43	0	0	0	0	0	0
4/28/2023 8:40	53601 DALM_T2	1	1	0	0.5	0.5	0	0.04	0.04	0	0	0	0	0	0
4/28/2023 9:41	45902 AUBU_T1	0	0	0	0	0	0	-0.48	-0.41	1	1	0	600	600	0
4/28/2023 10:00	48902 FOSP_T2	0	0	0	0	0	0	0.36	0.48	0	0	0	0	0	0
4/28/2023 10:00	47403 PENS_T1	1	1	0	2.4	1.5	-0.9	0	0	0	0	0	0	0	0
4/28/2023 10:00	65604 CJVIL_T2	0	0	0	0	0	0	0.84	0.87	0	0	0	0	0	0
4/28/2023 10:00	29401 BELT_T1	36	29	-7	0.18	0.16	-0.02	0	0	1	1	0	900	900	0
4/28/2023 10:00	67604 WARW_T1	0	0	0	0	0	0	0.58	0.55	0	0	0	0	0	0
4/28/2023 10:00	20801 LOPO_T1	0	0	0	0	0	0	0.09	0.1	0	0	0	0	0	0
4/28/2023 10:00	42802 SELI_T1	1	1	0	0.1	0.5	0.4	-0.75	-0.8	1	1	0	900	900	0
4/28/2023 10:00	40603 PIGR_T1	0	0	0	0	0	0	0.3	0.29	0	0	0	0	0	0
4/28/2023 10:00	66703 STRA_T1	0	0	0	0	0	0	-0.12	-0.1	0	0	0	0	0	0
4/28/2023 10:00	45501 DERR_T2	1	1	0	0.2	0.2	0	0.78	0.8	2	2	0	1800	1800	0
4/28/2023 10:00	12605 MACA_T1	1	1	0	0.5	0.5	0	0	0	0	0	0	0	0	0
4/28/2023 10:00	64802 MONE_T2	0	0	0	0	0	0	0.27	0.26	0	0	0	0	0	0
4/28/2023 10:00	65603 CJVIL_T2	0	0	0	0	0	0	-0.32	-0.28	0	0	0	0	0	0
4/28/2023 10:00	56601 HAMP_T1	0	0	0	0	0	0	-0.11	-0.09	0	0	0	0	0	0
4/28/2023 10:00	52503 PROG_T2	0	0	0	0	0	0	-0.69	-0.71	1	1	0	900	900	0
4/28/2023 10:00	59102 WALK_T2	1	1	0	0.2	0.2	0	0	0	0	0	0	0	0	0
4/28/2023 10:00	64303 LINC_T1	0	0	0	0	0	0	-0.24	-0.25	0	0	0	0	0	0
4/28/2023 10:00	42701 AUGU_T1	1	1	0	1	1	0	0	0	6	6	0	5400	5400	0
4/28/2023 10:00	64801 MONE_T2	0	1	1	0	0.6	0.6	0.22	0.24	0	0	0	0	0	0
4/28/2023 10:00	45901 AUBU_T1	0	1	1	0	0	0	0	0	0	0	0	0	0	0
4/28/2023 10:00	29401 BELT_T1	36	29	-7	0.18	0.16	-0.02	0	0	1	1	0	900	900	0
4/28/2023 10:00	53501 EVIL_T2	1	0	-1	0.6	0	-0.6	-0.12	-0.02	1	1	0	600	600	0
4/28/2023 10:00	67204 TEHI_T2	0	0	0	0	0	0	-0.2	-0.16	0	0	0	0	0	0
4/28/2023 10:00	46302 ROHR_T1	3	3	0	1.27	1.67	0.4	0.09	0.12	0	0	0	0	0	0
4/28/2023 10:00	56803 BENV_T1	3	4	1	0.33	0.38	0.05	0	0	0	0	0	0	0	0
4/28/2023 10:00	49803 UNIV_T1	79	83	4	0.35	0.43	0.08	-2.05	-2.06	0	0	0	0	0	0
4/28/2023 10:00	47802 MOCA_T2	0	0	0	0	0	0	-0.84	-0.87	0	0	0	0	0	0
4/28/2023 10:00	58402 MORO_T1	0	0	0	0	0	0	-1.08	-0.99	2	2	0	1500	1500	0
4/28/2023 10:00	42201 SHEN_T2	0	0	0	0	0	0	0.36	0.35	0	0	0	0	0	0
4/28/2023 10:00	40505 CRES_T1	0	0	0	0	0	0	0.41	0.4	0	0	0	0	0	0
4/28/2023 10:00	54001 SDLE_T1	1	1	0	0.2	0.5	0.3	0	0	0	0	0	0	0	0
4/28/2023 10:05	16301 ALPA_T1	0	0	0	0	0	0	-0.41	-0.38	0	0	0	0	0	0
4/28/2023 11:23	29401 BELT_T1	33	65	32	0.19	0.23	0.04	0	0	1	1	0	900	900	0
4/28/2023 11:28	29401 BELT_T1	33	65	32	0.19	0.23	0.04	0	0	1	1	0	900	900	0
4/28/2023 11:30	48901 FOSP_T2	0	0	0	0	0	0	-0.13	-0.13	1	1	0	600	600	0
4/28/2023 11:43	29401 BELT_T1	27	37	10	0.18	0.24	0.06	0	0	1	1	0	900	900	0
4/28/2023 12:15	49804 UNIV_T1	0	1	1	0	0.3	0.3	0	0	0	0	0	0	0	0
4/28/2023 13:02	47401 PENS_T1	0	0	0	0	0	0	0.74	0.69	0	0	0	0	0	0
4/28/2023 13:52	59101 WALK_T2	0	0	0	0	0	0	1.09	1.12	0	0	0	0	0	0
4/28/2023 13:57	46602 LACR_T1	0	0	0	0	0	0	-1.12	-1.11	0	0	0	0	0	0
4/28/2023 14:00	59101 WALK_T2	0	0	0	0	0	0	1.09	1.12	0	0	0	0	0	0
4/28/2023 14:04	42802 SELI_T1	1	1	0	0.2	0.6	0.4	-0.82	-0.82	1	1	0	900	900	0
4/28/2023 14:12	43402 BENT_T1	0	0	0	0	0	0	-0.74	-0.74	1	1	0	900	900	0
4/28/2023 14:15	46302 ROHR_T1	182	3	-179	3.74	1.37	-2.37	0.19	0.16	0	0	0	0	0	0
4/28/2023 14:15	42802 SELI_T1	1	1	0	0.2	0.6	0.4	-0.82	-0.82	1	1	0	900	900	0
4/28/2023 14:21	40902 JESH_T1	0	0	0	0	0	0	-0.37	-0.35	1	1	0	600	600	0
4/28/2023 14:25	58402 MORO_T1	0	0	0	0	0	0	-1.13	-1.2	2	2	0	1500	1500	0
4/28/2023 14:27	59101 WALK_T2	0	0	0	0	0	0	1.08	1.19	0	0	0	0	0	0
4/28/2023 14:29	46302 ROHR_T1	182	3	-179	3.74	1.37	-2.37	0.16	0.15	0	0	0	0	0	0
4/28/2023 14:32	59101 WALK_T2	0	0	0	0	0	0	1.08	1.19	0	0	0	0	0	0
4/28/2023 14:35	46302 ROHR_T1	3	3	0	1.3	1.43	0.13	0.15	0.15	0	0	0	0	0	0
4/28/2023 14:37	58402 MORO_T1	0	0	0	0	0	0	-1.2	-1.19	2	2	0	1500	1500	0
4/28/2023 14:40	47401 PENS_T1	0	0	0	0	0	0	0.7	0.7	0	0	0	0	0	0
4/28/2023 14:46	47401 PENS_T1	0	0	0	0	0	0	0.7	0.7	0	0	0	0	0	0
4/28/2023 14:47	42701 AUGU_T1	1	1	0	0.1	0.1	0	0	0	2	2	0	1800	1800	0
4/28/2023 14:48	42701 AUGU_T1	1	1	0	0.1	0.1	0	0	0	4	4	0	3600	3600	0
4/28/2023 14:56	42701 AUGU_T1	1	1	0	0.1	0.1	0	0	0	2	2	0	1800	1800	0
4/28/2023 14:58	42701 AUGU_T1	1	1	0	0.1	0.1	0	0	0	4	4	0	3600	3600	0
4/28/2023 15:01	67502 WEWI_T2	2	63	61	0.1	0.17	0.07	0	0	0	0	0	0	0	0
4/28/2023 15:13	42201 SHEN_T2	0	3	3	0	0.17	0.17	0.42	0.41	0	0	0	0	0	0
4/28/2023 15:14	29401 BELT_T1	35	46	11	0.24	0.27	0.03	0	0	0	0	0	0	0	0
4/28/2023 15:14	42201 SHEN_T2	0	3	3	0	0.17	0.17	0.42	0.41	0	0	0	0	0	0
4/28/2023 15:26	47401 PENS_T1	0	0	0	0	0	0	0.69	0.71	0	0	0	0	0	0
4/28/2023 15:27	59101 WALK_T2	0	0	0	0	0	0	1.09	1.05	0	0	0	0	0	0
4/28/2023 15:30	29402 BELT_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
4/28/2023 15:35	47802 MOCA_T2	0	0	0	0	0	0	-1.05	-1.04	0	0	0	0	0	0
4/28/2023 15:38	20801 LOPO_T1	0	0	0	0	0	0	0.11	0.11	0	0	0	0	0	0
4/28/2023 15:42	47401 PENS_T1	0	0	0	0	0	0	0.71	0.74	0	0	0	0	0	0
4/28/2023 15:43	24104 EHAZ_T1	0	0	0	0	0	0	-0.96	-0.96	0	0	0	0	0	0
4/28/2023 15:44	67502 WEWI_T2	44	59	15	0.16	0.18	0.02	-0.43	-0.41	0	0	0	0	0	0
4/28/2023 15:45	47802 MOCA_T2	0	0	0	0	0	0	-1.05	-1.04	0	0	0	0	0	0
4/28/2023 15:47	20401 ASHF_T2	75	64	-11	0.35	0.3	-0.05	0	0	0	0	0	0	0	0
4/28/2023 15:50	20801 LOPO_T1	0	0	0	0	0	0	0.11	0.11	0	0	0	0	0	0
4/28/2023 15:54	29401 BELT_T1	38	44	6	0.24	0.26	0.02	0	0	0	0	0	0	0	0
4/28/2023 16:03	29401 BELT_T1	44	31	-13	0.26	0.2	-0.06	0	0	1	1	0	900	900	0
4/28/2023 16:04	42802 SELI_T1	0	0	0	0	0	0	-0.89	-0.94	1	1	0	900	900	0
4/28/2023 16:07	42701 AUGU_T1	0	0	0	0	0	0	0	0	2	2	0	1800	1800	0
4/28/2023 16:08	42701 AUGU_T1	0	0	0	0	0	0	0	0	2	2	0	1800	1800	0
4/28/2023 16:13	42201 SHEN_T2	3	3	0	0.2	0.13	-0.07	0.43	0.43	0	0	0	0	0	0
4/28/2023 16:14	45902 AUBU_T1	0	0	0	0	0	0	-0.78	-0.81	1	1	0	600	600	0
4/28/2023 16:17	29401 BELT_T1	26	30	4	0.2	0.19	-0.01	0	0	1	1	0	900	900	0
4/28/2023 16:18	20801 LOPO_T1	0	0	0	0	0	0	0.11	0.11	0	0	0	0	0	0
4/28/2023 16:19	57602 RUTH_T2	2	2	0	0.3	0.35	0.05	0.02	0.04	0	0	0	0	0	0
4/28/2023 16:26	47401 PENS_T1	0	0	0	0	0	0	0.71	0.71	0	0	0	0	0	0
4/28/2023 16:29	46504 LOHA_T1	2	2	0	0.7	0.7	0	0	0	0	0	0	0	0	0
4/28/2023 16:32	59101 WALK_T2	0	0	0	0	0	0	1.1	1.21	0	0	0	0	0	0
4/28/2023 16:33	46506 LOHA_T1	1	1	0	0.3	0.6	0.3	0	0	0	0	0	0	0	0
4/28/2023 16:35	47802 MOCA_T2	0	0	0	0	0	0	-1.05	-1.05	0	0	0	0	0	0
4/28/2023 16:35	46003 BERW_T2	153	176	23	0.23	0.28	0.05	0	0	0	0	0	0	0	0
4/28/2023 16:40	45901 AUBU_T1	0	0	0	0	0	0	1.27	1.27	0	0	0	0	0	0
4/28/2023 17:00	47401 PENS_T1	0	0	0	0	0	0	0.68	0.67	0	0	0	0	0	0
4/28/2023 17:04	57602 RUTH_T2	2	1	-1	0.4	0.1	-0.3	0	0.04	0	0	0	0	0	0
4/28/2023 17:05	58402 MORO_T1	0	0	0	0	0	0	-1.17	-1.17	2	2	0	1500	1500	0
4/28/2023 17:05	20603 GRWO_T2	99	98	-1	0.34	0.33	-0.01	0.35	0.36	0	0	0	0	0	0
4/28/2023 17:06	46506 LOHA_T1	1	1

4/29/2023 1:25	45902 AUBU_T1	0	0	0	0	0	0	-0.4	-0.46	0	0	0	0	0	0
4/29/2023 1:26	59101 WALK_T2	0	0	0	0	0	0	1.06	1.16	0	0	0	0	0	0
4/29/2023 1:26	42802 SELI_T1	1	1	0	0.6	0.6	0	-0.07	-0.07	0	0	0	0	0	0
4/29/2023 1:29	43402 BENT_T1	0	0	0	0	0	0	-0.97	-0.95	1	1	0	900	900	0
4/29/2023 1:29	58402 MORO_T1	0	0	0	0	0	0	-0.48	-0.57	1	1	0	600	600	0
4/29/2023 1:30	46602 LACR_T1	0	0	0	0	0	0	-0.99	-1.02	0	0	0	0	0	0
4/29/2023 1:31	46602 LACR_T1	0	0	0	0	0	0	-0.99	-1.02	0	0	0	0	0	0
4/29/2023 1:31	42201 SHEN_T2	0	1	0	0	0.1	0.1	0.34	0.34	0	0	0	0	0	0
4/29/2023 1:31	42802 SELI_T1	1	1	0	0.5	0.7	0.2	-0.07	-0.07	0	0	0	0	0	0
4/29/2023 1:33	59101 WALK_T2	0	0	0	0	0	0	1.06	1.16	0	0	0	0	0	0
4/29/2023 1:34	47401 PENS_T1	0	0	0	0	0	0	0.55	0.54	0	0	0	0	0	0
4/29/2023 1:34	47802 MOCA_T2	0	0	0	0	0	0	-1.12	-1.11	0	0	0	0	0	0
4/29/2023 1:36	45902 AUBU_T1	0	0	0	0	0	0	-0.46	-0.44	0	0	0	0	0	0
4/29/2023 1:36	54502 ENOL_T2	0	0	0	0	0	0	-1.41	-1.41	0	0	0	0	0	0
4/29/2023 1:37	40902 JESH_T1	0	0	0	0	0	0	-0.48	-0.51	0	0	0	0	0	0
4/29/2023 1:37	29402 BELT_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
4/29/2023 1:37	46004 BERW_T2	0	0	0	0	0	0	-2.08	-2.07	0	0	0	0	0	0
4/29/2023 1:37	26402 INOR_T1	1	42	41	0.1	0.13	0.03	-0.52	-0.55	0	0	0	0	0	0
4/29/2023 1:38	42701 AUGU_T1	1	1	0	1.4	1.8	0.4	0	0	2	2	0	1800	1800	0
4/29/2023 1:42	20603 GRWO_T2	65	68	3	0.27	0.27	0	0.28	0.28	0	0	0	0	0	0
4/29/2023 1:43	29401 BELT_T1	0	0	0	0	0	0	0	0	1	1	0	900	900	0
4/29/2023 1:43	47401 PENS_T1	0	0	0	0	0	0	0.55	0.54	0	0	0	0	0	0
4/29/2023 1:43	59101 WALK_T2	0	0	0	0	0	0	1.16	1.07	0	0	0	0	0	0
4/29/2023 1:43	42701 AUGU_T1	1	1	0	1.4	1.8	0.4	0	0	2	2	0	1800	1800	0
4/29/2023 1:45	45902 AUBU_T1	0	0	0	0	0	0	-0.46	-0.44	0	0	0	0	0	0
4/29/2023 1:46	42802 SELI_T1	1	1	0	0.6	1	0.4	-0.07	-0.08	0	0	0	0	0	0
4/29/2023 1:46	59101 WALK_T2	0	0	0	0	0	0	1.16	1.07	0	0	0	0	0	0
4/29/2023 1:47	40902 JESH_T1	0	0	0	0	0	0	-0.48	-0.51	0	0	0	0	0	0
4/29/2023 1:47	45902 AUBU_T1	0	0	0	0	0	0	-0.46	-0.44	0	0	0	0	0	0
4/29/2023 1:50	24105 EHAZ_T1	4	4	0	6.08	5.5	-0.58	0	0	0	0	0	0	0	0
4/29/2023 1:57	40902 JESH_T1	0	0	0	0	0	0	-0.51	-0.46	0	0	0	0	0	0
4/29/2023 4:04	48901 FOSP_T2	0	0	0	0	0	0	-0.48	-0.5	1	1	0	600	600	0
4/29/2023 4:23	41801 GOCI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
4/29/2023 4:41	47401 PENS_T1	0	0	0	0	0	0	0.54	0.48	0	0	0	0	0	0
4/29/2023 9:11	45901 AUBU_T1	0	0	0	0	0	0	0.94	0.93	0	0	0	0	0	0
4/29/2023 9:26	45902 AUBU_T1	0	0	0	0	0	0	-0.84	-0.81	1	1	0	600	600	0
4/29/2023 10:00	45901 AUBU_T1	0	0	0	0	0	0	1.83	1.87	0	0	0	0	0	0
4/29/2023 10:00	24105 EHAZ_T1	4	4	0	6.7	6.3	-0.4	0	0	0	0	0	0	0	0
4/29/2023 10:00	67604 WARW_T1	0	0	0	0	0	0	-0.05	-0.01	0	0	0	0	0	0
4/29/2023 10:00	20603 GRWO_T2	9	11	2	0.13	0.14	0.01	-2.02	-2.05	2	2	0	2100	2100	0
4/29/2023 10:00	65004 NEFF_T2	0	0	0	0	0	0	-0.51	-0.51	0	0	0	0	0	0
4/29/2023 10:00	40902 JESH_T1	0	0	0	0	0	0	-1.24	-1.27	1	1	0	600	600	0
4/29/2023 10:00	41202 KENM_T2	0	1	1	0	0.1	0.1	0	0	0	0	0	0	0	0
4/29/2023 10:00	64801 MONE_T2	0	1	1	0	0.2	0.2	0.28	0.28	0	0	0	0	0	0
4/29/2023 10:00	48901 FOSP_T2	0	0	0	0	0	0	-0.5	-0.48	1	1	0	600	600	0
4/29/2023 10:00	54001 SDLE_T1	1	1	0	0.8	0.9	0.1	0	0	1	1	0	600	600	0
4/29/2023 10:00	46302 ROHR_T1	1	3	2	0.4	0.63	0.23	0.17	0.16	0	0	0	0	0	0
4/29/2023 10:00	41801 GOCI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
4/29/2023 10:00	58402 MORO_T1	0	0	0	0	0	0	-1.43	-1.39	2	2	0	1500	1500	0
4/29/2023 10:00	29402 BELT_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
4/29/2023 10:00	67204 TEHI_T2	37	105	68	0.16	0.31	0.15	-0.6	-0.62	0	0	0	0	0	0
4/29/2023 10:00	67502 WEWI_T2	0	0	0	0	0	0	-0.53	-0.49	0	0	0	0	0	0
4/29/2023 10:00	43401 BENT_T1	0	1	1	0	0	0	0	0	0	0	0	0	0	0
4/29/2023 10:00	20403 ASHF_T2	0	0	0	0	0	0	0.24	0.26	0	0	0	0	0	0
4/29/2023 10:00	12604 MACA_T1	0	0	0	0	0	0	0.3	0.33	0	0	0	0	0	0
4/29/2023 10:00	29401 BELT_T1	0	0	0	0	0	0	0	0	3	3	0	2700	2700	0
4/29/2023 10:00	46602 LACR_T1	0	0	0	0	0	0	-1.17	-1.15	0	0	0	0	0	0
4/29/2023 10:00	47401 PENS_T1	0	0	0	0	0	0	2.17	2.13	0	0	0	0	0	0
4/29/2023 10:00	42802 SELI_T1	0	0	0	0	0	0	-0.96	-0.96	1	1	0	900	900	0
4/29/2023 10:00	47802 MOCA_T2	0	0	0	0	0	0	-1.02	-1.06	0	0	0	0	0	0
4/29/2023 10:00	63804 HEMP_T1	2	1	-1	2.75	5.3	2.55	0	0	0	0	0	0	0	0
4/29/2023 10:00	57602 RUTH_T2	0	0	0	0	0	0	-0.04	0.02	0	0	0	0	0	0
4/29/2023 10:00	46503 LOHA_T1	0	0	0	0	0	0	-0.6	-0.6	0	0	0	0	0	0
4/29/2023 10:00	59101 WALK_T2	0	0	0	0	0	0	2.7	2.58	0	0	0	0	0	0
4/29/2023 10:00	65604 QVIL_T2	0	0	0	0	0	0	0.27	0.29	0	0	0	0	0	0
4/29/2023 10:00	65001 NEFF_T2	187	102	-85	0.17	0.13	-0.04	-1.36	-1.38	1	1	0	1200	1200	0
4/29/2023 10:00	42201 SHEN_T2	0	0	0	0	0	0	0.35	0.36	0	0	0	0	0	0
4/29/2023 10:00	46004 BERW_T2	0	0	0	0	0	0	-1.99	-2.01	0	0	0	0	0	0
4/29/2023 10:00	46503 LOHA_T1	0	0	0	0	0	0	-0.6	-0.6	0	0	0	0	0	0
4/29/2023 10:00	45902 AUBU_T1	0	0	0	0	0	0	-2.51	-2.48	3	3	0	1800	1800	0
4/29/2023 10:00	52503 PROG_T2	0	0	0	0	0	0	-0.69	-0.71	1	1	0	900	900	0
4/29/2023 10:00	49803 UNIV_T1	95	118	23	0.49	0.71	0.22	-2.11	-2.13	0	0	0	0	0	0
4/29/2023 10:00	67502 WEWI_T2	0	0	0	0	0	0	-0.53	-0.49	0	0	0	0	0	0
4/29/2023 10:00	20801 LOPO_T1	0	0	0	0	0	0	0.16	0.14	0	0	0	0	0	0
4/29/2023 10:00	42701 AUGU_T1	1	0	-1	0.2	0	-0.2	0	0	6	6	0	5400	5400	0
4/29/2023 11:13	65003 NEFF_T2	5	5	0	0.16	0.3	0.14	0	0	0	0	0	0	0	0
4/29/2023 11:24	66701 STRA_T1	0	1	1	0	0.1	0.1	0	0	0	0	0	0	0	0
4/29/2023 11:26	44901 SCOT_T2	0	0	0	0	0	0	-0.2	-0.2	0	0	0	0	0	0
4/29/2023 11:28	48901 FOSP_T2	0	0	0	0	0	0	-0.47	-0.48	1	1	0	600	600	0
4/29/2023 11:43	48901 FOSP_T2	0	0	0	0	0	0	-0.48	-0.5	1	1	0	600	600	0
4/29/2023 11:43	54001 SDLE_T1	1	2	1	1.3	0.8	-0.5	0	0	1	1	0	600	600	0
4/29/2023 11:49	48902 FOSP_T2	1	1	0	0.2	0.3	0.1	-0.28	-0.33	0	0	0	0	0	0
4/29/2023 11:50	48902 FOSP_T2	1	1	0	0.2	0.3	0.1	0	0	0	0	0	0	0	0
4/29/2023 11:51	48902 FOSP_T2	1	1	0	0.2	0.3	0.1	-0.28	-0.33	0	0	0	0	0	0
4/29/2023 11:53	45901 AUBU_T1	0	0	0	0	0	0	0.96	0.9	0	0	0	0	0	0
4/29/2023 12:18	47401 PENS_T1	0	0	0	0	0	0	0.55	0.61	0	0	0	0	0	0
4/29/2023 12:20	65604 QVIL_T2	0	0	0	0	0	0	0.27	0.28	0	0	0	0	0	0
4/29/2023 13:20	44901 SCOT_T2	0	0	0	0	0	0	-0.22	-0.19	0	0	0	0	0	0
4/29/2023 13:21	42802 SELI_T1	1	1	0	0.3	0.7	0.4	-1	-1	1	1	0	900	900	0
4/29/2023 13:25	60701 BREC_T1	0	0	0	0	0	0	-0.06	-0.08	0	0	0	0	0	0
4/29/2023 13:27	59101 WALK_T2	0	0	0	0	0	0	0.66	0.72	0	0	0	0	0	0
4/29/2023 13:30	42802 SELI_T1	1	1	0	0.6	0.7	0.1	-1	-1	1	1	0	900	900	0
4/29/2023 13:32	45902 AUBU_T1	0	1	1	0	0.1	0.1	-0.38	-0.5	0	0	0	0	0	0
4/29/2023 13:35	60803 BUCK_T1	0	0	0	0	0	0	-0.95	-1.02	1	1	0	600	600	0
4/29/2023 13:35	45902 AUBU_T1	0	1	1	0	0.1	0.1	-0.5	-0.57	0	0	0	0	0	0
4/29/2023 13:42	59101 WALK_T2	0	0	0	0	0	0	0.72	0.59	0	0	0	0	0	0
4/29/2023 13:43	47401 PENS_T1	0	0	0	0	0	0	0.66	0.65	0	0	0	0	0	0
4/29/2023 13:46	42701 AUGU_T1	1	0	-1	0.1	0	-0.1	0	0	2	2	0	1800	1800	0
4/29/2023 13:52	47401 PENS_T1	0	0	0	0	0	0	0.65	0.62	0	0	0	0	0	0
4/29/2023 13:54	42701 AUGU_T1	1	0	-1	0.1	0	-0.1	0	0	2	2	0	1800	1800	0
4/29/2023 13:56	59102 WALK_T2	0	1	1	0	0.1	0.1	0	0	0	0	0	0	0	0
4/29/2023 13:58	67502 WEWI_T2	1	15	14	0.1	0.14	0.04	-0.54	-0.52	0	0	0	0	0	0
4/29/2023 13:59	42701 AUGU_T1	1	0	-1	0.1	0	-0.1	0	0	2	2	0	1800	1800	0
4/29/2023 14:00	42701 AUGU_T1	0	0	0	0	0	0	0	0	2	2	0	1800	1800	0
4/29/2023 14:18	20801 LOPO_T1	1	0	-1	0.4	0	-0.4	0.15	0.14	0	0	0	0	0	0
4/29/2023 14:22	60701 BREC_T1	0	0	0	0	0	0	-0.09	-0.07	0	0	0	0	0	0
4/29/2023 15:05	40502 CRES_T2	0	0	0	0	0	0	0.47	0.51	0	0	0	0	0	0
4/29/2023 15:21	40502 CRES_T2	0	0	0	0	0	0	0.51	0.51	0	0	0	0	0	0
4/29/2023 15:48	41502 FAIR_T2	0	0	0	0	0	0	-1.68	-1.69	1	1	0	900	900	0
4/29/2023 15:59	45502 DERR_T2	0	0	0	0	0	0	-0.63	-0.64	0	0	0	0	0	0
4/29/2023 16:01	61303 EARL_T1	0	0	0	0	0	0	-0.02	-0.01	0	0	0	0	0	0
4/29/2023 16:03	47401 PENS_T1	0	0	0	0	0	0	0.61	0.65	0	0	0	0	0	0
4/29/2023 16:06	42701 AUGU_T1	0	1	1	0	0.9	0.9	0	0	2	2	0	1800	1800	0
4/29/2023 16:43	59101 WALK_T2	1	0	-1	0.2	0	-0.2	-0.54	-0.31	0	0	0	0	0	0
4/29/2023 16:52	45902 AUBU_T1	0	0	0	0	0	0	-0.59	-0.6	0	0	0	0	0	0
4/29/2023 16:53	40502 CRES_T2	0	0	0	0	0	0	0.45	0.46	0	0	0	0	0	0
4/29/2023 16:54	42701 AUGU_T1	1	1	0	1	1.2	0.2	0	0	2	2	0	1800	1800	0
4/29/2023 16:57	47401 PENS_T1	0	0	0	0	0	0	0.6	0.6	0	0	0	0	0	0
4/29/2023 16:59	40502 CRES_T2	0	0	0	0	0	0	0.45	0.46	0	0	0	0	0	0
4/29/2023 17:01	42701 AUGU_T1	1	1	0	1.1	1.2	0.1	0	0	2	2	0	1800	1800	0
4/29/2023 17:01	42802 SELI_T1	1	0	-1	0.6	0	-0.6	-1.05	-1.05	1	1	0	900	900	0
4/29/2023 17:05	65604 QVIL_T2	0	0	0	0	0	0	0.25	0.27	0	0	0	0	0	0
4/29/2023 17:05	45902 AUBU_T1	0	0	0	0	0	0	-0.6	-0.55	0	0	0	0	0	0
4/29/2023 18:45	61303 EARL_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
4/29/2023 18:53	46504 LOHA_T1	2	2	0	0.6	0.45	-0.15	0	0	0	0	0	0	0	0
4/29/2023 20:37	20801 LOPO_T1	0	0	0	0	0	0	0.14	0.13	0	0	0	0	0	0
4/29/2023 22:56	40502 CRES_T2	4	6	2	0.15	0.15	0	0.44	0.44	0	0	0	0	0	0
4/29/2023 23:24	44901 SCOT_T2	0	0	0	0	0	0	-0.45	-0.48	0	0	0	0	0	0
4/29/2023 23:29	48901 FOSP_T2	0	0	0	0	0	0	-0.5	-0.5	1	1	0	600	600	0
4/29/2023 23:31	45901 AUBU_T1	6	7	1	0.13	0.13	0	0	0	0	0	0	0	0	0
4/29/2023 23:37	40502 CRES_T2	7	6	-1	0.19	0.17	-0.02	0.41	0.43	0	0	0	0	0	0
4/30/2023 0:11	65001 NEFF_T2	7	169	162	0.13	0.16	0.03	-1.56	-1.6	1	1	0	1200	1200	0
4/30/2023 0:17	65604 QVIL_T2	0	0	0	0	0	0	0.16	0.17	0	0	0	0	0	0
4/30/2023 0:21	54001 SDLE_T1	1	1	0	0.8	0.9	0.1	0	0	1	1	0	600	600	0
4/30/2023 0:28	60701 BREC_T1	0	0	0	0	0	0	-0.18	-0.14	0	0	0	0	0	0
4/30/2023 0:28	65604 QVIL_T2	0	0	0	0	0	0	0.17	0.16	0	0	0	0	0	0
4/30/2023 0:28	45902 AUBU_T1	23	0	-23	0.18	0	-0.18	-0.78	-0.79	0	0	0	0	0	0
4/30/2023 0:28	45501 DERR_T2	1	1	0	0.4	0.5	0.1	0	0	0	0	0	0	0	0
4/30/2023 0:28	40502 CRES_T2	0	0	0	0	0	0	0.74	0.72	0	0	0	0	0	0
4/30/2023 0:28	60801 BUCK_T1	179	187	8	0.68	0.86	0.18	0	0	0	0	0	0	0	0
4/30/2023 0:28	44901 SCOT_T2	0	0	0	0	0	0	-0.32	-0.33	0	0	0	0	0	0
4/30/2023 0:28	42701 AUGU_T1	1	1	0	1.8	1.7	-0.1	0	0	2	2	0	1800	1800	0
4/30/2023 0:28	48901 FOSP_T2	0	0	0	0	0	0	-0.5	-0.49	1	1	0	600	600	0
4/30/2023 0:28	47402 PENS_T1	1	1	0	0.3	0.6	0.3	0	0	0	0	0	0	0	0
4/30/2023 0:28	48902 FOSP_T2	0	0	0	0	0	0	-0.39	-0.3	0	0	0	0	0	0
4/30/2023 0:28	67502 WEWI_T2	0	0	0	0	0	0	-0.7	-0.68	0	0	0	0	0	0
4/30/2023 0:28	65001 NEFF_T2	122	311	189	0.14	0.19	0.05	-1.6	-1.61	1	1	0	1200	1200	0
4/30/2023 0:28	61303 EARL_T1	0	0	0	0	0	0	-0.16	-0.16	0	0	0	0	0	0
4/30/2023 0:28	59101 WALK_T2	0	0	0	0	0	0	1.04	1.1	0	0	0	0	0	0
4/30/2023 0:28	41502 FAIR_T2	0	0	0	0	0	0	-0.73	-0.73	0	0	0	0	0	0
4/30/2023 0:30	40502 CRES_T2	0	0	0	0	0	0	0.37	0.36	0	0	0	0	0	0
4/30/2023 0:32	42701 AUGU_T1	1	1	0	1.7	1.8	0.1	0	0	2	2	0	1800	1800	0
4/30/2023 0:32	54001 SDLE_T1	1	1	0	0.9	0.8	-0.1	0	0	1	1	0	600	600	0
4/30/2023 0:36	45902 AUBU_T1	0	2	2	0	0.15	0.15	-0.79	-0.8	0	0	0	0	0	0
4/30/2023 0:37	65604 QVIL_T2	0	0	0	0	0	0	0.16	0.16	0	0	0	0	0	0
4/30/2023 0:37	40502 CRES_T2	0	0	0	0	0	0	0.36	0.37	0	0	0	0	0	0
4/30/2023 0:41	42802 SELI_T1	1	1	0	1	1	0	-0.16	-0.19	0	0	0	0	0	0
4/30/2023 0:41	60701 BREC_T1	0	0	0	0	0	0	-0.14	-0.17	0	0	0	0	0	0
4/30/2023 0:43	44901 SCOT_T2	0	0	0	0	0	0	-0.33	-0.41	0	0	0	0	0	0
4/30/2023 0:44	44901 SCOT_T2	0	0	0	0	0	0	-0.33	-0.41	0	0	0	0	0	0
4/30/2023 0:46	46504 LOHA_T1	10	38	28	0.42	0.36	-0.06	0	0	0	0	0	0	0	0
4/30/2023 0:46	47402 PENS_T1	0	1	1	0	0.3	0.3	0	0	0	0	0	0	0	0
4/30/2023 0:47	42701 AUGU_T1	1	1	0	1.7	1.8	0.1	0	0	2	2	0	1800	1800	0
4/30/2023 0:50	61303 EARL_T1	0	0	0	0	0	0	-0.14	-0.16	0	0	0	0	0	0
4/30/2023 0:51	45902 AUBU_T1	0	2	2	0	0.15	0.15	-0.8	-0.8	0	0	0	0	0	0
4/30/2023 0:52	47401 PENS_T1	0	0	0	0	0	0	0.5	0.49	0	0	0	0	0	0
4/30/2023 0:54	46504 LOHA_T1	10	38	28	0.42	0.36	-0.06	0	0	0	0	0	0	0	0
4/30/2023 0:59	61303 EARL_T1	0	0	0	0	0	0	-0.14	-0.16	0	0	0	0	0	0
4/30/2023 1:01	45901 AUBU_T1	0	0	0	0	0	0	0.88	0.9	0	0	0	0	0	0
4/30/2023 1:09	45901 AUBU_T1	0	0	0	0	0	0	0.9	0.9	0	0	0	0	0	0
4/30/2023 1:26	59101 WALK_T2	0	0	0	0	0	0	1.04	1.07	0	0	0	0	0	0
4/30/2023 1:31	48901 FOSP_T2	0	0	0	0	0	0	-0.5	-0.53	1	1	0	600	600	0
4/30/2023 1:44	59101 WALK_T2	0	0	0	0	0	0	1.07	0.93	0	0	0	0	0	0
4/30/2023 2:24	47401 PENS_T1	1	9	8	0.2	0.12	-0.08	0.51	0.51	0	0	0	0	0	0
4/30/2023 2:31	65003 NEFF_T2	1	0	-1	0.1	0	-0.1	0	0	0	0	0	0	0	0
4/30/2023 2:37	47402 PENS_T1	1	1	0	0.5	0.6	0.1	0	0	0	0	0	0	0	0
4/30/2023 3:01	54001 SDLE_T1	1	1	0	0.4	0.5	0.1	0	0	1	1	0	600	600	0
4/30/2023 3:01	45901 AUBU_T1	0	0	0	0	0	0	0.91	0.9	0	0	0	0	0	0
4/30/2023 3:26	47401 PENS_T1	37	10	-27	0.16	0.1	-0.06	0.48	0.53	0	0	0	0	0	0
4/30/2023 4:06

Appendix C - Grid Benefits Achieved in Each Instance of Active Management

4/30/2023 12:56	42802 SELI_T1	0	0	0	0	0	0	-0.07	-0.06	0	0	0	0	0	0
4/30/2023 12:56	40101 HUNT_T2	0	0	0	0	0	0	-0.72	-0.73	0	0	0	0	0	0
4/30/2023 12:58	59101 WALK_T2	0	0	0	0	0	0	1.26	1.32	0	0	0	0	0	0
4/30/2023 12:59	43402 BENT_T1	0	0	0	0	0	0	-0.91	-0.92	1	1	0	900	900	0
4/30/2023 12:59	59101 WALK_T2	0	0	0	0	0	0	1.26	1.32	0	0	0	0	0	0
4/30/2023 13:00	44901 SCOT_T2	0	0	0	0	0	0	-0.56	-0.55	0	0	0	0	0	0
4/30/2023 13:08	66703 STRA_T1	0	0	0	0	0	0	-0.33	-0.28	0	0	0	0	0	0
4/30/2023 13:08	42802 SELI_T1	0	0	0	0	0	0	-0.06	-0.04	0	0	0	0	0	0
4/30/2023 13:10	60801 BUCK_T1	6	32	26	0.17	0.21	0.04	0	0	0	0	0	0	0	0
4/30/2023 13:11	44901 SCOT_T2	0	0	0	0	0	0	-0.55	-0.5	0	0	0	0	0	0
4/30/2023 13:17	60801 BUCK_T1	30	43	13	0.22	0.27	0.05	0	0	0	0	0	0	0	0
4/30/2023 13:17	20801 LOPO_T1	0	0	0	0	0	0	0.16	0.16	0	0	0	0	0	0
4/30/2023 13:19	47401 PENS_T1	0	0	0	0	0	0	0.68	0.67	0	0	0	0	0	0
4/30/2023 13:26	47401 PENS_T1	0	0	0	0	0	0	0.68	0.67	0	0	0	0	0	0
4/30/2023 13:31	42701 AUGU_T1	0	1	1	0	0.2	0.2	0	0	2	2	0	1800	1800	0
4/30/2023 13:32	42701 AUGU_T1	0	1	1	0	0.2	0.2	0	0	2	2	0	1800	1800	0
4/30/2023 14:05	63801 HEMP_T1	0	0	0	0	0	0	-0.26	-0.16	0	0	0	0	0	0
4/30/2023 14:24	44901 SCOT_T2	0	0	0	0	0	0	-0.5	-0.53	0	0	0	0	0	0
4/30/2023 14:45	20403 ASHF_T2	0	0	0	0	0	0	0.16	0.12	0	0	0	0	0	0
4/30/2023 14:58	65604 QVIL_T2	0	0	0	0	0	0	0.29	0.3	0	0	0	0	0	0
4/30/2023 14:59	47401 PENS_T1	0	0	0	0	0	0	0.67	0.65	0	0	0	0	0	0
4/30/2023 15:02	54001 SDLE_T1	1	1	0	1	1.3	0.3	0	0	1	1	0	600	600	0
4/30/2023 15:10	60803 BUCK_T1	0	0	0	0	0	0	-1.65	-1.69	1	1	0	600	600	0
4/30/2023 15:11	42701 AUGU_T1	1	1	0	0.4	0.2	-0.2	0	0	2	2	0	1800	1800	0
4/30/2023 15:16	65604 QVIL_T2	0	0	0	0	0	0	0.3	0.3	0	0	0	0	0	0
4/30/2023 15:18	59101 WALK_T2	0	0	0	0	0	0	1.34	1.28	0	0	0	0	0	0
4/30/2023 15:39	61304 EARL_T1	1	0	-1	0.6	0	-0.6	0	0	0	0	0	0	0	0
4/30/2023 15:52	29402 BELT_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
4/30/2023 15:56	42802 SELI_T1	0	0	0	0	0	0	-0.08	-0.07	0	0	0	0	0	0
4/30/2023 15:58	65604 QVIL_T2	0	0	0	0	0	0	0.28	0.3	0	0	0	0	0	0
4/30/2023 16:00	44901 SCOT_T2	0	0	0	0	0	0	-0.5	-0.51	0	0	0	0	0	0
4/30/2023 16:04	44901 SCOT_T2	0	0	0	0	0	0	-0.51	-0.5	0	0	0	0	0	0
4/30/2023 16:15	45902 AUBU_T1	0	0	0	0	0	0	-0.5	-0.46	0	0	0	0	0	0
4/30/2023 16:19	51604 DUKE_T2	5	1	-4	0.12	0.1	-0.02	-1.63	-1.62	1	1	0	900	900	0
4/30/2023 16:22	51604 DUKE_T2	5	1	-4	0.12	0.1	-0.02	-1.63	-1.62	1	1	0	900	900	0
4/30/2023 18:04	64101 REFR_T1	0	0	0	0	0	0	-0.14	-0.15	0	0	0	0	0	0
4/30/2023 21:00	65603 QVIL_T2	0	0	0	0	0	0	-0.67	-0.7	0	0	0	0	0	0
4/30/2023 21:09	64301 LINC_T1	0	0	0	0	0	0	-0.08	-0.08	0	0	0	0	0	0
4/30/2023 21:14	65604 QVIL_T2	0	0	0	0	0	0	0.25	0.28	0	0	0	0	0	0
4/30/2023 21:18	65604 QVIL_T2	0	0	0	0	0	0	0.25	0.28	0	0	0	0	0	0
4/30/2023 21:18	65604 QVIL_T2	0	0	0	0	0	0	0.25	0.28	0	0	0	0	0	0
4/30/2023 21:20	64301 LINC_T1	0	0	0	0	0	0	-0.08	-0.14	0	0	0	0	0	0
4/30/2023 21:32	60803 BUCK_T1	0	0	0	0	0	0	-1.58	-1.61	1	1	0	600	600	0
4/30/2023 21:44	60803 BUCK_T1	0	0	0	0	0	0	-1.61	-1.62	1	1	0	600	600	0
4/30/2023 21:51	63803 HEMP_T1	8	64	56	0.1	0.19	0.09	0	0	0	0	0	0	0	0
4/30/2023 21:55	42802 SELI_T1	0	0	0	0	0	0	-0.09	-0.07	0	0	0	0	0	0
4/30/2023 21:57	59101 WALK_T2	0	0	0	0	0	0	1.03	1.13	0	0	0	0	0	0
4/30/2023 21:59	44901 SCOT_T2	0	0	0	0	0	0	-0.61	-0.66	0	0	0	0	0	0
4/30/2023 21:59	43402 BENT_T1	0	0	0	0	0	0	-0.93	-0.93	1	1	0	900	900	0
4/30/2023 22:03	59101 WALK_T2	0	0	0	0	0	0	1.03	1.13	0	0	0	0	0	0
4/30/2023 22:07	66703 STRA_T1	5	7	2	0.3	0.43	0.13	-0.47	-0.49	0	0	0	0	0	0
4/30/2023 22:15	40101 HUNT_T2	0	0	0	0	0	0	-0.69	-0.77	0	0	0	0	0	0
4/30/2023 22:16	59101 WALK_T2	0	0	0	0	0	0	1.13	1.21	0	0	0	0	0	0
4/30/2023 22:17	47401 PENS_T1	0	0	0	0	0	0	0.61	0.59	0	0	0	0	0	0
4/30/2023 22:20	60803 BUCK_T1	3	5	2	0.1	0.28	0.18	-1.67	-1.69	1	1	0	600	600	0
4/30/2023 22:29	42701 AUGU_T1	1	1	0	1	1.3	0.3	0	0	2	2	0	1800	1800	0
4/30/2023 22:30	51604 DUKE_T2	0	0	0	1	0	0	-1.67	-1.68	1	1	0	900	900	0
4/30/2023 22:32	60801 BUCK_T1	109	172	63	0.46	0.57	0.11	0	0	0	0	0	0	0	0
4/30/2023 22:49	64301 LINC_T1	0	0	0	0	0	0	-0.15	-0.17	0	0	0	0	0	0
4/30/2023 22:49	29402 BELT_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
4/30/2023 22:57	59101 WALK_T2	0	0	0	0	0	0	1.11	1.09	0	0	0	0	0	0
4/30/2023 22:59	20801 LOPO_T1	0	0	0	0	0	0	0.2	0.2	0	0	0	0	0	0
4/30/2023 23:33	45902 AUBU_T1	0	0	0	0	0	0	-0.23	-0.26	0	0	0	0	0	0
4/30/2023 23:34	65604 QVIL_T2	0	0	0	0	0	0	0.21	0.19	0	0	0	0	0	0
4/30/2023 23:40	65603 QVIL_T2	0	0	0	0	0	0	-0.66	-0.66	0	0	0	0	0	0
5/1/2023 0:19	54001 SDLE_T1	1	1	0	0.6	0.7	0.1	0	0	1	1	0	600	600	0
5/1/2023 0:27	47402 PENS_T1	0	1	1	0	0.5	0.5	0	0	0	0	0	0	0	0
5/1/2023 0:28	59101 WALK_T2	0	0	0	0	0	0	1.05	1.04	0	0	0	0	0	0
5/1/2023 0:28	66703 STRA_T1	0	0	0	0	0	0	-0.58	-0.53	0	0	0	0	0	0
5/1/2023 0:28	54001 SDLE_T1	1	1	0	0.6	0.7	0.1	0	0	1	1	0	600	600	0
5/1/2023 0:28	51604 DUKE_T2	3	0	-3	8.17	0	-8.17	-3.43	-3.47	2	2	0	1800	1800	0
5/1/2023 0:28	20801 LOPO_T1	0	0	0	0	0	0	0.18	0.18	0	0	0	0	0	0
5/1/2023 0:33	45901 AUBU_T1	0	0	0	0	0	0	1.04	1.03	0	0	0	0	0	0
5/1/2023 0:38	47402 PENS_T1	1	1	0	0.5	0.5	0	0	0	0	0	0	0	0	0
5/1/2023 0:52	45901 AUBU_T1	0	0	0	0	0	0	1.05	1.04	0	0	0	0	0	0
5/1/2023 1:07	66703 STRA_T1	0	0	0	0	0	0	-0.58	-0.57	0	0	0	0	0	0
5/1/2023 1:16	59101 WALK_T2	0	0	0	0	0	0	0.89	0.99	0	0	0	0	0	0
5/1/2023 1:18	66703 STRA_T1	0	0	0	0	0	0	-0.58	-0.57	0	0	0	0	0	0
5/1/2023 1:21	59101 WALK_T2	0	0	0	0	0	0	0.99	1.04	0	0	0	0	0	0
5/1/2023 1:30	51604 DUKE_T2	0	0	0	0	0	0	-1.73	-1.75	1	1	0	900	900	0
5/1/2023 1:37	51604 DUKE_T2	0	0	0	0	0	0	-1.75	-1.75	1	1	0	900	900	0
5/1/2023 1:47	66703 STRA_T1	0	0	0	0	0	0	-0.57	-0.56	0	0	0	0	0	0
5/1/2023 1:53	45901 AUBU_T1	0	0	0	0	0	0	1.06	1.06	0	0	0	0	0	0
5/1/2023 1:59	20801 LOPO_T1	0	0	0	0	0	0	0.18	0.17	0	0	0	0	0	0
5/1/2023 2:09	20801 LOPO_T1	0	0	0	0	0	0	0.17	0.17	0	0	0	0	0	0
5/1/2023 3:10	51604 DUKE_T2	0	0	0	0	0	0	-1.73	-1.76	1	1	0	900	900	0
5/1/2023 3:19	54001 SDLE_T1	1	1	0	0.6	0.7	0.1	0	0	1	1	0	600	600	0
5/1/2023 3:22	54001 SDLE_T1	1	1	0	0.6	0.7	0.1	0	0	1	1	0	600	600	0
5/1/2023 3:27	47402 PENS_T1	1	1	0	0.3	0.5	0.2	0	0	0	0	0	0	0	0
5/1/2023 3:39	47402 PENS_T1	1	1	0	0.5	0.2	-0.3	0	0	0	0	0	0	0	0
5/1/2023 3:56	59101 WALK_T2	0	0	0	0	0	0	0.99	0.81	0	0	0	0	0	0
5/1/2023 4:08	54001 SDLE_T1	1	1	0	0.4	0.2	-0.2	0	0	1	1	0	600	600	0
5/1/2023 4:29	20801 LOPO_T1	0	0	0	0	0	0	0.16	0.15	0	0	0	0	0	0
5/1/2023 5:07	47401 PENS_T1	0	0	0	0	0	0	0.45	0.57	0	0	0	0	0	0
5/1/2023 9:22	45901 AUBU_T1	0	0	0	0	0	0	1.22	1.3	0	0	0	0	0	0
5/1/2023 10:00	45901 AUBU_T1	0	0	0	0	0	0	2.47	2.42	0	0	0	0	0	0
5/1/2023 10:00	67604 WARW_T1	0	0	0	0	0	0	-0.01	0.04	0	0	0	0	0	0
5/1/2023 10:00	52503 PROG_T2	0	0	0	0	0	0	-0.63	-0.63	1	1	0	900	900	0
5/1/2023 10:00	64801 MONE_T2	1	1	0	0.2	0.6	0.4	0.29	0.24	0	0	0	0	0	0
5/1/2023 10:00	47403 PENS_T1	1	1	0	2.2	2.5	0.3	0	0	0	0	0	0	0	0
5/1/2023 10:00	60803 BUCK_T1	0	0	0	0	0	0	-0.87	-0.85	1	1	0	600	600	0
5/1/2023 10:00	64301 LINC_T1	0	0	0	0	0	0	-0.25	-0.28	1	1	0	600	600	0
5/1/2023 10:00	45902 AUBU_T1	0	0	0	0	0	0	-0.49	-0.46	1	1	0	600	600	0
5/1/2023 10:00	54001 SDLE_T1	61	113	52	0.33	0.35	0.02	0	0	0	0	0	0	0	0
5/1/2023 10:00	65001 NEFF_T2	0	0	0	0	0	0	-0.65	-0.57	1	1	0	1200	1200	0
5/1/2023 10:00	65603 QVIL_T2	0	0	0	0	0	0	-0.46	-0.39	0	0	0	0	0	0
5/1/2023 10:00	12604 MACA_T1	0	0	0	0	0	0	0.31	0.29	0	0	0	0	0	0
5/1/2023 10:00	42701 AUGU_T1	1	1	0	0.8	0.9	0.1	0	0	2	2	0	1800	1800	0
5/1/2023 10:00	64101 REFR_T1	0	0	0	0	0	0	0.04	0.06	0	0	0	0	0	0
5/1/2023 10:00	65603 QVIL_T2	0	0	0	0	0	0	-0.46	-0.39	0	0	0	0	0	0
5/1/2023 10:00	56601 HAMP_T1	0	0	0	0	0	0	-0.2	-0.17	0	0	0	0	0	0
5/1/2023 10:00	61303 EARL_T1	0	0	0	0	0	0	0.68	0.62	0	0	0	0	0	0
5/1/2023 10:00	29402 BELT_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
5/1/2023 10:00	20801 LOPO_T1	0	0	0	0	0	0	0.14	0.14	0	0	0	0	0	0
5/1/2023 10:05	59101 WALK_T2	0	0	0	0	0	0	2.43	2.33	0	0	0	0	0	0
5/1/2023 10:08	49804 UNIV_T1	0	1	1	0	0.6	0.6	0	0	0	0	0	0	0	0
5/1/2023 10:09	20401 ASHF_T2	27	6	-21	0.17	0.42	0.25	0	0	0	0	0	0	0	0
5/1/2023 10:14	42802 SELI_T1	1	1	0	9	0	-9	-0.86	-0.79	1	1	0	900	900	0
5/1/2023 10:15	43402 BENT_T1	0	0	0	0	0	0	-0.84	-0.87	1	1	0	900	900	0
5/1/2023 10:15	16302 ALPA_T2	0	0	0	0	0	0	0.74	0.67	0	0	0	0	0	0
5/1/2023 10:18	44901 SCOT_T2	0	0	0	0	0	0	0.07	-0.01	0	0	0	0	0	0
5/1/2023 10:20	40101 HUNT_T2	0	0	0	0	0	0	-0.25	-0.23	0	0	0	0	0	0
5/1/2023 10:21	66703 STRA_T1	0	1	1	0	0.1	0.1	-0.17	-0.13	0	0	0	0	0	0
5/1/2023 10:21	46004 BERW_T2	0	0	0	0	0	0	-1.46	-1.37	0	0	0	0	0	0
5/1/2023 10:24	60801 BUCK_T1	1	9	8	0.2	0.21	0.01	0	0	0	0	0	0	0	0
5/1/2023 10:25	59101 WALK_T2	0	0	0	0	0	0	2.33	2.05	0	0	0	0	0	0
5/1/2023 10:41	51604 DUKE_T2	0	0	0	0	0	0	-3.35	-3.37	2	2	0	1800	1800	0
5/1/2023 11:06	67502 WEWI_T2	1	2	1	0.8	0.4	-0.4	-0.32	-0.25	0	0	0	0	0	0
5/1/2023 11:10	63804 HEMP_T1	1	1	0	6	6	0	0	0	0	0	0	0	0	0
5/1/2023 11:14	20801 LOPO_T1	0	0	0	0	0	0	0.14	0.14	0	0	0	0	0	0
5/1/2023 11:18	16301 ALPA_T1	2	2	0	0.25	0.25	0	-0.38	-0.38	0	0	0	0	0	0
5/1/2023 11:23	28604 BLYT_T2	0	0	0	0	0	0	-1.37	-1.38	0	0	0	0	0	0
5/1/2023 11:24	48901 FOSP_T2	0	0	0	0	0	0	-0.09	-0.1	1	1	0	600	600	0
5/1/2023 11:46	56802 BENV_T2	347	532	185	0.27	0.31	0.04	-0.68	-0.63	0	0	0	0	0	0
5/1/2023 11:50	52402 GRPA_T2	144	150	6	0.76	0.85	0.09	0	0	0	0	0	0	0	0
5/1/2023 11:56	20801 LOPO_T1	0	0	0	0	0	0	0.15	0.13	0	0	0	0	0	0
5/1/2023 12:01	59001 MIFF_T1	3	32	29	0.4	0.3	-0.1	0	0	0	0	0	0	0	0
5/1/2023 12:05	52402 GRPA_T2	144	165	21	0.85	0.87	0.02	0	0	0	0	0	0	0	0
5/1/2023 12:18	65604 QVIL_T2	0	0	0	0	0	0	0.44	0.42	0	0	0	0	0	0
5/1/2023 12:20	65604 QVIL_T2	0	0	0	0	0	0	0.42	0.42	0	0	0	0	0	0
5/1/2023 12:23	59003 MIFF_T1	2	1	-1	0.55	0.3	-0.25	0.42	0.46	0	0	0	0	0	0
5/1/2023 12:23	47403 PENS_T1	0	1	1	0	2.1	2.1	0	0	0	0	0	0	0	0
5/1/2023 12:28	67204 TEHI_T2	0	1	1	0	0.4	0.4	-0.08	-0.13	0	0	0	0	0	0
5/1/2023 12:40	47403 PENS_T1	0	1	1	0	2.1	2.1	0	0	0	0	0	0	0	0
5/1/2023 12:43	47401 PENS_T1	1	3	2	0.3	0.37	0.07	0.97	0.88	0	0	0	0	0	0
5/1/2023 12:50	56802 BENV_T2	610	853	243	0.27	0.41	0.14	-0.65	-0.68	0	0	0	0	0	0
5/1/2023 12:57	59101 WALK_T2	1	0	-1	0.2	0	-0.2	2.11	1.54	0	0	0	0	0	0
5/1/2023 13:04	56801 BENV_T1	372	276	-96	0.48	0.57	0.09	0	0	0	0	0	0	0	0
5/1/2023 13:06	59102 WALK_T2	2	0	-2	0.25	0	-0.25	0	0	0	0	0	0	0	0
5/1/2023 13:08	54001 SDLE_T1	200	139	-61	0.34	0.34	0	0	0	0	0	0	0	0	0
5/1/2023 13:10	42802 SELI_T1	2	2	0	0.7	0.55	-0.15	-0.81	-0.82	1	1	0	900	900	0
5/1/2023 13:10	60803 BUCK_T1	0	0	0	0	0	0	-0.9	-0.98	1	1	0	600	600	0
5/1/2023 13:10	64802 MONE_T2	3	2	-1	0.3	0.15	-0.15	-0.03	0	0	0	0	0	0	0
5/1/2023 13:10	43402 BENT_T1	1	0	-1	0.1	0	-0.1	-1.24	-1.21	2	2	0	1500	1500	0
5/1/2023 13:15	42802 SELI_T1	2	2	0	0.55	0.45	-0.1	-0.81	-0.82	1	1	0	900	900	0
5/1/2023 13:16	43402 BENT_T1	0	0	0	0	0	0	-1.24	-1.21	2	2	0	1500	1500	0
5/1/2023 13:18	58401 MORO_T1	1	0	-1	0.2	0	-0.2	0	0	0	0	0	0	0	0
5/1/2023 13:24	47401 PENS_T1	2	2	0	0.45	0.2	-0.25	0.84	0.91	0	0	0	0	0	0
5/1/2023 13:25	60803 BUCK_T1	0	0	0	0	0	0	-0.98	-0.97	1	1	0	600	600	0
5/1/2023 13:29	42701 AUGU_T1	2	2	0	0.75	0.65	-0.1	0	0	2	2	0	1800	1800	0
5/1/2023 13:35	47401 PENS_T1	2	1	-1	0.2	0.2	0	0.91	0.84	0	0	0	0	0	0
5/1/2023 13:39	42201 SHEN_T2	2	1	-1	0.85	0.7	-0.15	0.41	0.47	0	0	0	0	0	0
5/1/2023 13:41	42701 AUGU_T1	1	2	1	1.1	0.7	-0.4	0	0	2	2	0	1800	1800	0
5/1/2023 13:44	47403 PENS_T1	1	1	0	1.5	1.4	-0.1	0	0	0	0	0	0	0	0
5/1/2023 13:50	60801 BUCK_T1	12	14	2	0.18	0.21	0.03	0	0	0	0	0	0	0	0
5/1/2023 13:58	26401 INOR_T1	13	3	-10	0.18	0.4	0.22	0	0	0	0	0	0	0	0
5/1/2023 14:09	42701 AUGU_T1	1	1	0	1.2	0.8	-0.4	0	0	2	2	0	1800	1800	0
5/1/2023 14:17	40601 PIGR_T1	50	128	78	0.17	0.24	0.07	0	0	0	0	0	0	0	0
5/1/2023 14:17	59101 WALK_T2	1	2	1	1.5	0.65	-0.85	1.71	1.61	1	1	0	600	600	0
5/1/2023 14:30	43402 BENT_T1	0	0	0	0	0	0	-1.29	-1.34	2	1	-1	1500	900	-600
5/1/2023 14:37	45902 AUBU_T1	0	0	0	0	0	0	-0.07	-0.09	0	0	0	0	0	0
5/1/2023 14:42	29402 BELT_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
5/1/2023 14:46	26402 INOR_T1	0	1	1	0	0.5	0.5	-0.34	-0.37	0	0	0	0	0	0
5/1/2023 14:47	42701 AUGU_T1	1	2	1	0.7	0.75	0.05	0	0	2	2	0	1800	1800	0
5/1/2023 14:50	42802 SELI_T1	0	0	0	0	0	0	-0.82	-0.83	1	1	0	900	900	0
5/1/2023 14:50	56803 BENV_T1	260	254	-6	0.72	0.84	0.12	0	0	0	0	0	0	0	0
5/1/2023 14:50	57602 RUTH_T2	2	2	0	0.9	0.9	0	0.06	0.07	0	0	0	0	0	0
5/1/2023 14:58	65604 QVIL_T2	0	0	0	0	0	0	0.26	0.26	0	0	0	0	0	0
5/1/2023 15:01	67204 TEHI_T2	1	1	0	0.9	1.1	0.2	-0.11	-0.14	0	0	0	0	0	0
5/1/2023 15:03	56803 BENV_T1	254

Appendix C - Grid Benefits Achieved in Each Instance of Active Management

5/2/2023 0:28	46602 LACR_T1	0	0	0	0	0	0	-0.98	-1.02	0	0	0	0	0	0
5/2/2023 0:28	52401 GRPA_T2	0	0	0	0	0	0	-0.38	-0.38	0	0	0	0	0	0
5/2/2023 0:28	56802 BENV_T2	0	0	0	0	0	0	-1.61	-1.57	0	0	0	0	0	0
5/2/2023 0:28	26402 INOR_T1	35	58	23	0.18	0.35	0.17	0	0	0	0	0	0	0	0
5/2/2023 0:28	48901 FOSP_T2	0	0	0	0	0	0	-0.47	-0.49	1	1	0	600	600	0
5/2/2023 0:28	54001 SDLE_T1	1	1	0	0.7	0.5	-0.2	0	0	2	2	0	1200	1200	0
5/2/2023 0:28	40901 JESH_T1	1	1	0	0.2	0	-0.2	0	0	0	0	0	0	0	0
5/2/2023 0:28	20801 LOPO_T1	0	0	0	0	0	0	0.11	0.12	0	0	0	0	0	0
5/2/2023 0:28	52403 GRPA_T2	0	0	0	0	0	0	-0.32	-0.3	0	0	0	0	0	0
5/2/2023 0:28	16301 ALPA_T1	1	1	0	0.2	0.2	0	-0.53	-0.53	0	0	0	0	0	0
5/2/2023 0:28	42201 SHEN_T2	0	0	0	0	0	0	0.38	0.38	0	0	0	0	0	0
5/2/2023 0:28	42802 SELI_T1	1	1	0	0.8	0.8	0	-0.09	-0.09	0	0	0	0	0	0
5/2/2023 0:28	60801 BUCK_T1	188	178	-10	0.95	0.61	-0.34	0	0	0	0	0	0	0	0
5/2/2023 0:28	58402 MORO_T1	0	0	0	0	0	0	-0.53	-0.58	1	1	0	600	600	0
5/2/2023 0:28	64802 MONE_T2	0	0	0	0	0	0	0.12	0.13	0	0	0	0	0	0
5/2/2023 0:28	56801 BENV_T1	18	21	3	0.29	0.42	0.13	-0.38	-0.42	0	0	0	0	0	0
5/2/2023 0:28	42701 AUGU_T1	1	1	0	1.7	1.7	0	0	0	4	4	0	3600	3600	0
5/2/2023 0:28	61303 EARL_T1	0	0	0	0	0	0	-0.04	0.02	0	0	0	0	0	0
5/2/2023 0:28	61103 BERK_T5	0	0	0	0	0	0	-0.01	-0.01	0	0	0	0	0	0
5/2/2023 0:31	47402 PENS_T1	0	1	1	0	0.3	0.3	0	0	0	0	0	0	0	0
5/2/2023 0:32	61303 EARL_T1	0	0	0	0	0	0	-0.04	0.02	0	0	0	0	0	0
5/2/2023 0:41	64902 MILL_T2	0	0	0	0	0	0	-1.49	-1.49	1	1	0	900	900	0
5/2/2023 0:44	47401 PENS_T1	0	0	0	0	0	0	0.63	0.65	0	0	0	0	0	0
5/2/2023 0:45	64902 MILL_T2	0	0	0	0	0	0	-1.49	-1.49	1	1	0	900	900	0
5/2/2023 0:48	52401 GRPA_T2	0	0	0	0	0	0	-0.38	-0.39	0	0	0	0	0	0
5/2/2023 0:51	61303 EARL_T1	0	0	0	0	0	0	-0.07	-0.07	0	0	0	0	0	0
5/2/2023 0:52	48902 FOSP_T2	0	0	0	0	0	0	-0.32	-0.3	0	0	0	0	0	0
5/2/2023 0:52	52401 GRPA_T2	0	0	0	0	0	0	-0.39	-0.36	0	0	0	0	0	0
5/2/2023 0:57	59101 WALK_T2	0	0	0	0	0	0	1.01	1.12	0	0	0	0	0	0
5/2/2023 0:58	20801 LOPO_T1	0	0	0	0	0	0	0.11	0.12	0	0	0	0	0	0
5/2/2023 1:00	20403 ASHF_T2	0	0	0	0	0	0	0.01	0	0	0	0	0	0	0
5/2/2023 1:06	48902 FOSP_T2	0	0	1	0	0	0	-0.3	-0.27	0	0	0	0	0	0
5/2/2023 1:11	59101 WALK_T2	0	0	0	0	0	0	1.12	1.1	0	0	0	0	0	0
5/2/2023 1:16	59003 MIFF_T1	0	0	0	0	0	0	0.23	0.21	0	0	0	0	0	0
5/2/2023 1:21	54001 SDLE_T1	1	1	0	0.4	0.4	0	0	0	1	1	0	600	600	0
5/2/2023 1:22	14801 TREI_T2	0	0	0	0	0	0	0.21	0.24	0	0	0	0	0	0
5/2/2023 1:25	59101 WALK_T2	0	0	0	0	0	0	1.1	1.13	0	0	0	0	0	0
5/2/2023 1:31	14801 TREI_T2	0	0	0	0	0	0	0.21	0.24	0	0	0	0	0	0
5/2/2023 1:32	59101 WALK_T2	0	0	0	0	0	0	1.1	1.13	0	0	0	0	0	0
5/2/2023 1:35	59003 MIFF_T1	0	0	0	0	0	0	0.28	0.56	0	0	0	0	0	0
5/2/2023 1:35	51604 DUKE_T2	0	0	0	0	0	0	-1.79	-1.77	1	1	0	900	900	0
5/2/2023 1:38	16301 ALPA_T1	1	1	0	0.2	0.3	0.1	-0.52	-0.54	0	0	0	0	0	0
5/2/2023 1:44	48901 FOSP_T2	0	0	0	0	0	0	-0.5	-0.51	1	1	0	600	600	0
5/2/2023 1:47	51604 DUKE_T2	0	1	1	0	0	0	-1.79	-1.77	1	1	0	900	900	0
5/2/2023 1:49	51604 DUKE_T2	0	1	1	0	0	0	-3.54	-3.5	2	2	0	1800	1800	0
5/2/2023 1:52	48902 FOSP_T2	0	0	0	0	0	0	-0.3	-0.3	0	0	0	0	0	0
5/2/2023 2:12	61303 EARL_T1	0	0	0	0	0	0	-0.07	-0.09	0	0	0	0	0	0
5/2/2023 2:18	61103 BERK_T5	0	0	0	0	0	0	-0.01	-0.01	0	0	0	0	0	0
5/2/2023 2:19	26402 INOR_T1	4	7	3	0.1	0.13	0.03	-0.44	-0.44	0	0	0	0	0	0
5/2/2023 2:25	26401 INOR_T1	41	49	8	0.27	0.29	0.02	0	0	0	0	0	0	0	0
5/2/2023 2:25	59101 WALK_T2	0	0	0	0	0	0	1.18	1.13	0	0	0	0	0	0
5/2/2023 2:28	52401 GRPA_T2	0	0	0	0	0	0	-0.38	-0.38	0	0	0	0	0	0
5/2/2023 2:31	52401 GRPA_T2	0	0	0	0	0	0	-0.38	-0.38	0	0	0	0	0	0
5/2/2023 2:36	59003 MIFF_T1	0	0	0	0	0	0	0.34	0.21	0	0	0	0	0	0
5/2/2023 2:37	59101 WALK_T2	0	0	0	0	0	0	1.13	1.22	0	0	0	0	0	0
5/2/2023 3:25	52403 GRPA_T2	1	0	-1	0.1	0	-0.1	-0.26	-0.29	0	0	0	0	0	0
5/2/2023 3:41	64902 MILL_T2	0	0	0	0	0	0	-1.46	-1.51	1	1	0	900	900	0
5/2/2023 3:50	14801 TREI_T2	0	0	0	0	0	0	0.23	0.26	0	0	0	0	0	0
5/2/2023 3:51	47401 PENS_T1	0	0	0	0	0	0	0.56	0.56	0	0	0	0	0	0
5/2/2023 5:07	51604 DUKE_T2	0	0	0	0	0	0	-1.72	-1.75	1	1	0	900	900	0
5/2/2023 5:15	51604 DUKE_T2	0	0	0	0	0	0	-1.72	-1.75	1	1	0	900	900	0
5/2/2023 5:19	26401 INOR_T1	1	1	0	0	0	0	0	0	0	0	0	0	0	0
5/2/2023 5:20	20401 ASHF_T2	3	0	-3	0.2	0	-0.2	0	0	0	0	0	0	0	0
5/2/2023 10:00	65004 NEFF_T2	0	0	0	0	0	0	-0.53	-0.53	0	0	0	0	0	0
5/2/2023 10:00	52403 GRPA_T2	16	15	-1	0.23	0.17	-0.06	-0.14	-0.14	0	0	0	0	0	0
5/2/2023 10:00	67604 WARW_T1	0	0	0	0	0	0	0.04	0.09	0	0	0	0	0	0
5/2/2023 10:00	42201 SHEN_T2	0	0	0	0	0	0	0.47	0.46	0	0	0	0	0	0
5/2/2023 10:00	14801 TREI_T2	1	2	1	0.5	0.3	-0.2	0.32	0.29	0	0	0	0	0	0
5/2/2023 10:00	65603 QVIL_T2	0	0	0	0	0	0	-0.49	-0.37	0	0	0	0	0	0
5/2/2023 10:00	45902 AUBU_T1	1	0	-1	0.1	0	-0.1	0	-0.57	1	1	0	600	600	0
5/2/2023 10:00	57602 RUTH_T2	2	2	0	0.55	0.75	0.2	0.12	0.15	0	0	0	0	0	0
5/2/2023 10:00	59003 MIFF_T1	0	0	0	0	0	0	-0.42	-0.09	0	0	0	0	0	0
5/2/2023 10:00	48902 FOSP_T2	0	0	0	0	0	0	0.6	0.75	0	0	0	0	0	0
5/2/2023 10:00	56801 BENV_T1	12	16	4	0.37	0.31	-0.06	-0.32	-0.5	0	0	0	0	0	0
5/2/2023 10:00	59101 WALK_T2	0	0	0	0	0	0	1.85	1.78	0	0	0	0	0	0
5/2/2023 10:00	65603 QVIL_T2	0	0	0	0	0	0	-0.49	-0.37	0	0	0	0	0	0
5/2/2023 10:00	64801 MONE_T2	1	1	0	0.4	0.4	0	0.28	0.29	0	0	0	0	0	0
5/2/2023 10:00	52503 PROG_T2	0	0	0	0	0	0	-0.67	-0.64	1	1	0	900	900	0
5/2/2023 10:00	12605 MACA_T1	1	1	0	0.4	0.2	-0.2	0	0	0	0	0	0	0	0
5/2/2023 10:00	43402 BENT_T1	0	0	0	0	0	0	-1.28	-1.29	2	2	0	1500	1500	0
5/2/2023 10:00	41301 FISH_T1	2	2	0	1.25	1.55	0.3	-0.09	-0.07	0	0	0	0	0	0
5/2/2023 10:00	49804 UNIV_T1	0	1	1	0	0.1	0.1	0	0	0	0	0	0	0	0
5/2/2023 10:00	58402 MORO_T1	0	0	0	0	0	0	-1.89	-1.93	3	3	0	2400	2400	0
5/2/2023 10:00	42701 AUGU_T1	1	1	0	0.7	0.7	0	0	0	4	4	0	3600	3600	0
5/2/2023 10:00	39601 LNFD_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
5/2/2023 10:00	42802 SELI_T1	1	1	0	0.3	0.2	-0.1	-0.82	-0.75	1	1	0	900	900	0
5/2/2023 10:00	29401 BELT_T1	36	55	19	0.2	0.26	0.06	0	0	0	0	0	0	0	0
5/2/2023 10:00	28604 BLYT_T2	0	0	0	0	0	0	-1.32	-1.32	0	0	0	0	0	0
5/2/2023 10:00	52403 GRPA_T2	16	15	-1	0.23	0.17	-0.06	-0.14	-0.14	0	0	0	0	0	0
5/2/2023 10:00	47402 PENS_T1	0	1	1	0	0.1	0.1	0	0	0	0	0	0	0	0
5/2/2023 10:00	54001 SDLE_T1	4	5	1	0.53	0.73	0.2	0	0	0	0	0	0	0	0
5/2/2023 10:00	26402 INOR_T1	0	1	1	0	0.1	0.1	-1.44	-1.47	2	2	0	1200	1200	0
5/2/2023 10:00	20801 LOPO_T1	0	0	0	0	0	0	0.12	0.12	0	0	0	0	0	0
5/2/2023 10:00	61804 HEMP_T1	2	2	0	2.9	2.9	0	0	0	0	0	0	0	0	0
5/2/2023 10:00	67502 WEWI_T2	2	2	0	0.25	0.35	0.1	-0.28	-0.25	0	0	0	0	0	0
5/2/2023 10:00	60803 BUCK_T1	0	0	0	0	0	0	-0.86	-0.84	1	1	0	600	600	0
5/2/2023 10:00	40603 PIGR_T1	0	0	0	0	0	0	0.36	0.35	0	0	0	0	0	0
5/2/2023 10:00	44802 EDAN_T2	2	0	-2	0.35	0	-0.35	0	0	0	0	0	0	0	0
5/2/2023 10:00	56803 BENV_T1	0	0	0	0	0	0	-0.01	0	0	0	0	0	0	0
5/2/2023 10:00	48902 FOSP_T2	0	0	0	0	0	0	0.6	0.75	0	0	0	0	0	0
5/2/2023 10:00	20401 ASHF_T2	8	10	2	0.28	0.3	0.02	0	0	0	0	0	0	0	0
5/2/2023 10:00	40901 JESH_T1	1	1	0	0.2	0.1	-0.1	0	0	0	0	0	0	0	0
5/2/2023 10:00	51604 DUKE_T2	4	5	1	0.25	0.32	0.07	-3.43	-3.37	2	2	0	1800	1800	0
5/2/2023 10:00	65004 NEFF_T2	0	0	0	0	0	0	-0.53	-0.53	0	0	0	0	0	0
5/2/2023 10:00	64801 MONE_T2	1	1	0	0.4	0.4	0	0.28	0.29	0	0	0	0	0	0
5/2/2023 10:00	61303 EARL_T1	0	0	0	0	0	0	1.5	1.36	0	0	0	0	0	0
5/2/2023 10:00	45901 AUBU_T1	0	0	0	0	0	0	0	2.16	0	0	0	0	0	0
5/2/2023 10:00	16301 ALPA_T1	0	1	1	0	0.1	0.1	-0.4	-0.36	0	0	0	0	0	0
5/2/2023 10:00	46602 LACR_T1	2	2	0	0.2	0.1	-0.1	-1.15	-1.09	0	0	0	0	0	0
5/2/2023 10:00	67204 TEHI_T2	0	0	0	0	0	0	-0.1	-0.09	0	0	0	0	0	0
5/2/2023 10:00	56802 BENV_T2	1	1	0	0.4	0.3	-0.1	-2.99	-2.89	0	0	0	0	0	0
5/2/2023 10:00	56601 HAMP_T1	0	0	0	0	0	0	-0.06	-0.11	0	0	0	0	0	0
5/2/2023 10:00	64902 MILL_T2	0	0	0	0	0	0	0.23	0.18	0	0	0	0	0	0
5/2/2023 10:51	66701 STRA_T1	1	1	0	0.4	0.5	0.1	0	0	0	0	0	0	0	0
5/2/2023 11:23	48901 FOSP_T2	0	0	0	0	0	0	0.04	0	1	1	0	600	600	0
5/2/2023 11:23	29402 BELT_T1	4	0	-4	0.38	0	-0.38	0	0	0	0	0	0	0	0
5/2/2023 11:27	29402 BELT_T1	4	0	-4	0.38	0	-0.38	0	0	0	0	0	0	0	0
5/2/2023 11:31	40101 HUNT_T2	0	0	0	0	0	0	-0.24	-0.22	0	0	0	0	0	0
5/2/2023 11:38	42701 AUGU_T1	1	2	1	0.5	0.9	0.4	0	0	2	2	0	1800	1800	0
5/2/2023 11:38	51604 DUKE_T2	24	29	5	0.2	0.23	0.03	-1.71	-1.69	1	1	0	900	900	0
5/2/2023 11:38	53501 EVIL_T2	3	8	5	0.2	0.46	0.26	0.01	0.04	1	1	0	600	600	0
5/2/2023 11:40	54505 ENOL_T2	1	1	0	0.2	1	0	0	0	0	0	0	0	0	0
5/2/2023 11:42	48901 FOSP_T2	0	0	0	0	0	0	0	-0.02	1	1	0	600	600	0
5/2/2023 11:46	51604 DUKE_T2	26	25	-1	0.21	0.25	0.04	-1.71	-1.69	1	1	0	900	900	0
5/2/2023 11:54	65604 QVIL_T2	0	0	0	0	0	0	0.45	0.43	0	0	0	0	0	0
5/2/2023 11:56	52502 PROG_T2	0	0	0	0	0	0	-0.66	-0.66	1	1	0	900	900	0
5/2/2023 12:21	54001 SDLE_T1	8	8	0	0.69	0.55	-0.14	0	0	0	0	0	0	0	0
5/2/2023 12:21	52502 PROG_T2	0	1	1	0	0.2	0.2	-0.68	-0.7	1	1	0	900	900	0
5/2/2023 12:28	54001 SDLE_T1	8	8	0	0.69	0.55	-0.14	0	0	0	0	0	0	0	0
5/2/2023 12:45	53501 EVIL_T2	5	12	7	0.52	0.51	-0.01	0.15	-0.06	1	1	0	600	600	0
5/2/2023 12:53	40101 HUNT_T2	0	0	0	0	0	0	-0.38	-0.35	0	0	0	0	0	0
5/2/2023 12:54	61801 EELI_T2	0	0	0	0	0	0	-0.56	-0.56	0	0	0	0	0	0
5/2/2023 12:55	60801 BUCK_T1	124	15	-109	0.37	0.19	-0.18	0	0	0	0	0	0	0	0
5/2/2023 13:13	59101 WALK_T2	0	0	0	0	0	0	1.76	1.79	0	0	0	0	0	0
5/2/2023 13:21	59101 WALK_T2	0	0	0	0	0	0	1.79	2.05	0	0	0	0	0	0
5/2/2023 13:27	29402 BELT_T1	0	2	2	0	0.3	0.3	0	0	2	2	0	0	0	0
5/2/2023 13:35	58402 MORO_T1	0	0	0	0	0	0	-1.04	-1.11	2	2	0	1500	1500	0
5/2/2023 13:44	64801 MONE_T2	1	1	0	0.1	0.1	0	0	0	0	0	0	0	0	0
5/2/2023 13:48	42802 SELI_T1	1	3	2	0.4	0.4	0	-0.83	-0.8	1	1	0	900	900	0
5/2/2023 13:54	67502 WEWI_T2	1	3	2	0.5	0.43	-0.07	-0.25	-0.26	0	0	0	0	0	0
5/2/2023 14:02	42201 SHEN_T2	0	0	0	0	0	0	0.52	0.52	0	0	0	0	0	0
5/2/2023 14:19	42201 SHEN_T2	0	1	1	0	0.2	0.2	0.5	0.55	0	0	0	0	0	0
5/2/2023 14:22	42201 SHEN_T2	0	1	1	0	0.2	0.2	0.5	0.55	0	0	0	0	0	0
5/2/2023 14:34	47401 PENS_T1	1	1	0	0.2	0.2	0	0.95	0.93	0	0	0	0	0	0
5/2/2023 14:35	20802 LOPO_T1	1	1	0	0.2	0.2	0	0	0	0	0	0	0	0	0
5/2/2023 14:43	20801 LOPO_T1	0	0	0	0	0	0	0.1	0.11	0	0	0	0	0	0
5/2/2023 14:46	13302 ORVI_T2	40	31	-9	0.28	0.28	0	0.61	0.64	0	0	0	0	0	0
5/2/2023 15:23	41802 GOCI_T2	5	5	0	0.24	0.2	-0.04	0	0	0	0	0	0	0	0
5/2/2023 15:29	52502 PROG_T2	0	0	0	0	0	0	-0.73	-0.68	1	1	0	900	900	0
5/2/2023 16:02	45901 AUBU_T1	0	0	0	0	0	0	2.04	1.98	0	0	0	0	0	0
5/2/2023 16:09	54001 SDLE_T1	7	7	0	0.71	0.51	-0.2	0	0	0	0	0	0	0	0
5/2/2023 16:22	20802 LOPO_T1	1	1	0	0.2	0.1	-0.1	0	0	0	0	0	0	0	0
5/2/2023 16:38	46302 ROHR_T1	3	3	0	0.93	0.67	-0.26	0.13	0.13	0	0	0	0	0	0
5/2/2023 17:03	48902 FOSP_T2	1	1	0	0.1	0.4	0.3	0	0	0	0	0	0	0	0
5/2/2023 17:21	20401 ASHF_T2	31	37	6	0.19	0.22	0.03	0	0	0	0	0	0	0	0
5/2/2023 17:32	59101 WALK_T2	0	0	0	0	0	0	1.31	1.34	0	0	0	0	0	0
5/2/2023 17:33	59102 WALK_T2	0	2	2	0	0.1	0.1	0	0	0	0	0	0	0	0
5/2/2023 17:36	61102 BERK_T5	1	1	0	0.2	0.3	0.1	0	0	0	0	0	0	0	0
5/2/2023 19:12	54502 ENOL_T2	0	1	1	0	0.2	0.2	-1.36	-1.38	0	0	0	0	0	0
5/2/2023 19:52	42701 AUGU_T1	0	0	0	0	0	0	0	0	2	2	0	1800	1800	0
5/2/2023 19:53	52502 PROG_T2	0	0	0	0	0	0	-0.6	-0.6	1	1	0	900	900	0
5/2/2023 20:00	64303 LINC_T1	0	0	0	0	0	0	-0.23	-0.23	0	0	0	0	0	0
5/2/2023 20:22	67502 WEWI_T2	0	0	0	0	0	0	-0.44	-0.42	0	0	0	0	0	0
5/2/2023 20:25	29402 BELT_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
5/2/2023 20:38	20801 LOPO_T1	0	0	0	0	0	0	0.14	0.14	0	0	0	0	0	0
5/2/2023 22:54	47401 PENS_T1	0	0	0	0	0	0	0.66	0.66	0	0	0	0	0	0
5/2/2023 23:26	29401 BELT_T1	0	0	0	0	0	0	0	0	1	1	0	900	900	0
5/2/2023 23:28	40101 HUNT_T2	0	0	0	0	0	0	-0.59	-0.59	0	0	0	0	0	0
5/2/2023 23:31	29401 BELT_T1	0	0	0	0	0	0	0	0	1	1	0	900	900	0
5/2/2023 23:39	54001 SDLE_T1	2	2	0	0.7	0.7	0	0	0	1	1	0	600	600	0
5/2/2023 23:42	48901 FOSP_T2	0	0	0	0	0	0	-0.48	-0.49	1	1	0	600	600	0
5/2/2023 23:55	52502 PROG_T2	0	0	0	0	0	0	-0.72	-0.72	1	1	0	900	900	0
5/3/2023 0:15	65604 QVIL_T2	0	0	0	0	0	0	0.2	0.2	0	0	0	0	0	0
5/3/2023 0:28	53501 EVIL_T2	7	12	5	0.29	0.52	0.23	-1.22	-0.95	0	0	0	0	0	0
5/3/2023 0:28	40902 JESH_T1	0	0	0	0	0	0	-0.52	-0.51	1	1	0	600	600	0
5/3/2023 0:28	40101 HUNT_T2	0	0	0	0	0	0	-0.6	-0.63	0	0	0	0	0	0
5/3/2023 0:28	60801 BUCK_T1	5	68	63	0.12	0.24	0.12	0	0	0	0	0	0	0	0
5/3/2023 0:28	45901 AUBU_T1	0	0	0	0	0	0	2.14	2.26	0	0	0	0	0	0
5/3/2023 0:28	65604 QVIL_T2	0	0	0	0	0	0	0.2	0.2	0	0	0	0	0	0
5/3/2023 0:28	52502 PRO

Appendix C - Grid Benefits Achieved in Each Instance of Active Management

5/3/2023 3:40	20403 ASHF_T2	0	0	0	0	0	0	0.05	0.05	0	0	0	0	0	0
5/3/2023 3:55	52502 PROG_T2	0	0	0	0	0	0	-0.67	-0.72	1	1	0	900	900	0
5/3/2023 4:23	42701 AUGU_T1	1	1	0	0.8	1	0.2	0	0	2	2	0	1800	1800	0
5/3/2023 4:29	51604 DUKE_T2	0	0	0	0	0	0	-1.77	-1.73	1	1	0	900	900	0
5/3/2023 4:55	47401 PENS_T1	0	0	0	0	0	0	0.56	0.63	0	0	0	0	0	0
5/3/2023 4:55	65604 QVIL_T2	0	0	0	0	0	0	0.23	0.24	0	0	0	0	0	0
5/3/2023 5:06	64303 LINC_T1	0	0	0	0	0	0	-0.27	-0.24	0	0	0	0	0	0
5/3/2023 10:00	40902 JESH_T1	0	0	0	0	0	0	0.27	0.2	2	2	0	1200	1200	0
5/3/2023 10:00	29401 BELT_T1	29	81	52	0.19	0.29	0.1	0	0	2	2	0	1800	1800	0
5/3/2023 10:00	28604 BLYT_T2	0	0	0	0	0	0	-1.32	-1.33	0	0	0	0	0	0
5/3/2023 10:00	40101 HUNT_T2	3	2	-1	0.23	0	-0.23	-0.51	-0.38	0	0	0	0	0	0
5/3/2023 10:00	40602 PIGR_T1	1	1	0	0.3	0.2	-0.1	0	0	0	0	0	0	0	0
5/3/2023 10:00	64801 MONE_T2	0	0	0	0	0	0	0.31	0.24	0	0	0	0	0	0
5/3/2023 10:00	29402 BELT_T1	0	2	2	0	0.75	0.75	0	0	0	0	0	0	0	0
5/3/2023 10:00	20403 ASHF_T2	0	15	15	0	0.27	0.27	1.34	1.26	0	0	0	0	0	0
5/3/2023 10:00	42201 SHEN_T2	0	0	0	0	0	0	0.52	0.48	0	0	0	0	0	0
5/3/2023 10:00	67603 WARW_T1	0	2	2	0	0	0	0	0	0	0	0	0	0	0
5/3/2023 10:00	54505 ENOL_T2	1	1	0	0.8	0.8	0	0	0	0	0	0	0	0	0
5/3/2023 10:00	47403 PENS_T1	1	1	0	2.2	2.5	0.3	0	0	0	0	0	0	0	0
5/3/2023 10:00	48902 FOSP_T2	0	0	0	0	0	0	0.53	0.71	0	0	0	0	0	0
5/3/2023 10:00	59102 WALK_T2	0	2	2	0	0.15	0.15	0	0	0	0	0	0	0	0
5/3/2023 10:00	61803 EEU_T2	0	1	1	0	0	0	0	0	0	0	0	0	0	0
5/3/2023 10:00	52502 PROG_T2	0	0	0	0	0	0	-1.23	-1.26	2	2	0	1800	1800	0
5/3/2023 10:00	45901 AUBU_T1	0	0	0	0	0	0	2.37	2.35	0	0	0	0	0	0
5/3/2023 10:00	41801 GOCI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
5/3/2023 10:00	12604 MACA_T1	0	0	0	0	0	0	0.3	0.29	0	0	0	0	0	0
5/3/2023 10:00	20802 LOPO_T1	0	1	1	0	0.1	0.1	0	0	0	0	0	0	0	0
5/3/2023 10:00	42802 SELI_T1	0	1	1	0	0.1	0.1	-0.86	-0.76	1	1	0	900	900	0
5/3/2023 10:00	65004 NEFF_T2	0	0	0	0	0	0	-0.54	-0.52	0	0	0	0	0	0
5/3/2023 10:00	60803 BUCK_T1	0	0	0	0	0	0	-1.51	-1.46	1	1	0	600	600	0
5/3/2023 10:00	64801 MONE_T2	0	0	0	0	0	0	0.31	0.24	0	0	0	0	0	0
5/3/2023 10:00	64305 LINC_T1	2	3	-1	0.1	0.1	0	0	0	0	0	0	0	0	0
5/3/2023 10:00	52503 PROG_T2	0	0	0	0	0	0	-0.68	-0.66	1	1	0	900	900	0
5/3/2023 10:00	58402 MORO_T1	0	0	0	0	0	0	-0.99	-1	2	2	0	1500	1500	0
5/3/2023 10:00	42701 AUGU_T1	1	1	0	0.5	0.7	0.2	0	0	4	4	0	3600	3600	0
5/3/2023 10:00	66703 STRA_T1	2	2	0	0.15	0.1	-0.05	-0.13	-0.13	0	0	0	0	0	0
5/3/2023 10:00	46302 ROHR_T1	3	3	0	0.43	1.17	0.74	0.16	0.15	0	0	0	0	0	0
5/3/2023 10:00	61103 BERK_T5	0	0	0	0	0	0	0.03	0.04	0	0	0	0	0	0
5/3/2023 10:00	13302 ORVI_T2	4	0	-4	0.25	0	-0.25	1.03	1.05	0	0	0	0	0	0
5/3/2023 10:00	53501 EVIL_T2	1	1	0	0.4	0.1	-0.3	-0.62	-0.51	4	4	0	2400	2400	0
5/3/2023 10:00	65604 QVIL_T2	0	0	0	0	0	0	0.89	0.89	0	0	0	0	0	0
5/3/2023 10:00	48901 FOSP_T2	0	0	0	0	0	0	0.01	0	1	1	0	600	600	0
5/3/2023 10:00	63804 HEMP_T1	1	1	0	5.7	5.8	0.1	0	0	0	0	0	0	0	0
5/3/2023 10:00	54001 SDLE_T1	4	5	1	0.5	0.9	0.4	0	0	0	0	0	0	0	0
5/3/2023 10:00	56601 HAMP_T1	0	0	0	0	0	0	-0.09	-0.1	0	0	0	0	0	0
5/3/2023 11:09	46302 ROHR_T1	1	3	2	1.2	0.5	-0.7	0.14	0.15	0	0	0	0	0	0
5/3/2023 11:28	40101 HUNT_T2	0	0	0	0	0	0	-0.18	-0.31	0	0	0	0	0	0
5/3/2023 11:29	42601 TUSC_T1	7	5	-2	0.94	0.4	-0.54	0	0	3	2	-1	2400	1200	-1200
5/3/2023 11:30	48901 FOSP_T2	0	0	0	0	0	0	-0.04	-0.01	1	1	0	600	600	0
5/3/2023 11:30	67502 WEWI_T2	1	0	-1	0.3	0	-0.3	-0.25	-0.19	0	0	0	0	0	0
5/3/2023 11:31	41801 GOCI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
5/3/2023 11:41	52502 PROG_T2	0	0	0	0	0	0	-0.67	-0.67	1	1	0	900	900	0
5/3/2023 11:42	40101 HUNT_T2	0	0	0	0	0	0	-0.31	-0.26	0	0	0	0	0	0
5/3/2023 11:43	48901 FOSP_T2	0	0	0	0	0	0	-0.01	-0.06	1	1	0	600	600	0
5/3/2023 11:43	41801 GOCI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
5/3/2023 12:15	54001 SDLE_T1	9	8	-1	0.8	0.99	0.19	0	0	0	0	0	0	0	0
5/3/2023 12:23	65602 QVIL_T2	3	1	-2	0.13	0.1	-0.03	0	0	0	0	0	0	0	0
5/3/2023 12:25	60801 BUCK_T1	140	42	-98	0.49	0.27	-0.22	0	0	0	0	0	0	0	0
5/3/2023 12:25	29402 BELT_T1	0	1	1	0	0.2	0.2	0	0	0	0	0	0	0	0
5/3/2023 12:32	54001 SDLE_T1	8	8	0	0.89	1.23	0.34	0	0	0	0	0	0	0	0
5/3/2023 12:34	43402 BENT_T1	1	0	-1	0.1	0	-0.1	-0.88	-0.88	1	1	0	900	900	0
5/3/2023 12:42	47402 PENS_T1	1	0	-1	0.2	0	-0.2	0	0	0	0	0	0	0	0
5/3/2023 12:43	42802 SELI_T1	0	2	2	0	0.35	0.35	-0.79	-0.81	1	1	0	900	900	0
5/3/2023 12:45	20801 LOPO_T1	0	0	0	0	0	0	0.13	0.13	0	0	0	0	0	0
5/3/2023 12:45	45902 AUBU_T1	0	0	0	0	0	0	-0.51	-0.43	1	1	0	600	600	0
5/3/2023 12:45	41502 FAIR_T2	0	0	0	0	0	0	-1.69	-1.69	1	1	0	900	900	0
5/3/2023 12:46	53501 EVIL_T2	4	1	-3	0.35	0.4	0.05	-0.32	-0.33	2	2	0	1200	1200	0
5/3/2023 12:52	47401 PENS_T1	0	0	0	0	0	0	0.97	0.88	0	0	0	0	0	0
5/3/2023 12:53	53501 EVIL_T2	4	1	-3	0.35	0.4	0.05	-0.33	-0.31	2	2	0	1200	1200	0
5/3/2023 13:12	45901 AUBU_T1	0	0	0	0	0	0	2.11	2.11	0	0	0	0	0	0
5/3/2023 13:20	59101 WALK_T2	0	0	0	0	0	0	1.59	2.08	0	0	0	0	0	0
5/3/2023 13:21	59101 WALK_T2	0	0	0	0	0	0	1.59	2.08	0	0	0	0	0	0
5/3/2023 13:25	66703 STRA_T1	0	4	4	0	0.18	0.18	-0.06	-0.16	0	0	0	0	0	0
5/3/2023 13:27	59102 WALK_T2	1	0	-1	0.2	0	-0.2	0	0	0	0	0	0	0	0
5/3/2023 13:28	42601 TUSC_T1	1	1	0	0.1	0	-0.1	0	0	2	2	0	1200	1200	0
5/3/2023 13:29	54001 SDLE_T1	9	8	-1	1.03	1	-0.03	0	0	0	0	0	0	0	0
5/3/2023 13:35	60803 BUCK_T1	0	1	1	0	0.4	0.4	-1.57	-1.58	1	1	0	600	600	0
5/3/2023 13:36	58402 MORO_T1	0	0	0	0	0	0	-0.94	-0.99	2	2	0	1500	1500	0
5/3/2023 13:40	66701 STRA_T1	0	1	1	0	1.2	1.2	0	0	0	0	0	0	0	0
5/3/2023 13:43	49803 UNIV_T1	91	120	29	0.58	0.62	0.04	0	0	0	0	0	0	0	0
5/3/2023 13:43	60801 BUCK_T1	33	60	27	0.26	0.27	0.01	0	0	0	0	0	0	0	0
5/3/2023 13:44	59101 WALK_T2	0	0	0	0	0	0	2.08	2.15	0	0	0	0	0	0
5/3/2023 13:48	51604 DUKE_T2	0	2	2	0	0.25	0.25	-0.62	-0.61	0	0	0	0	0	0
5/3/2023 13:48	58402 MORO_T1	0	0	0	0	0	0	-0.94	-0.99	2	2	0	1500	1500	0
5/3/2023 13:51	47401 PENS_T1	2	5	3	0.4	0.56	0.16	1.17	0.95	0	0	0	0	0	0
5/3/2023 13:55	47403 PENS_T1	1	3	2	1.3	0.73	-0.57	0	0	0	0	0	0	0	0
5/3/2023 13:57	40101 HUNT_T2	0	4	4	0	0.18	0.18	-0.29	-0.26	0	0	0	0	0	0
5/3/2023 13:58	52502 PROG_T2	0	0	0	0	0	0	-0.73	-0.71	1	1	0	900	900	0
5/3/2023 14:01	42701 AUGU_T1	4	7	3	0.65	0.7	0.05	0	0	2	2	0	1800	1800	0
5/3/2023 14:02	47401 PENS_T1	5	2	-3	0.56	0.6	0.04	1.17	0.95	0	0	0	0	0	0
5/3/2023 14:11	41801 GOCI_T2	46	69	23	0.31	0.31	0	0	0	0	0	0	0	0	0
5/3/2023 14:11	47403 PENS_T1	1	3	2	1.9	0.73	-1.17	0	0	0	0	0	0	0	0
5/3/2023 14:15	60803 BUCK_T1	1	0	-1	0.3	0	-0.3	-1.61	-0.91	1	1	0	600	600	0
5/3/2023 14:19	16302 ALPA_T2	6	7	1	0.27	0.23	-0.04	-0.65	-0.64	0	0	0	0	0	0
5/3/2023 14:35	47802 MOCA_T2	2	2	0	1.1	1	-0.1	-1.04	-1.05	0	0	0	0	0	0
5/3/2023 14:44	16301 ALPA_T1	1	1	0	0.4	0.3	-0.1	-0.38	-0.38	0	0	0	0	0	0
5/3/2023 14:51	16301 ALPA_T1	1	2	1	0.3	0.2	-0.1	-0.38	-0.37	0	0	0	0	0	0
5/3/2023 15:50	48901 FOSP_T2	4	0	-4	0.15	0	-0.15	-0.41	0.27	1	0	-1	600	0	-600
5/3/2023 16:08	40101 HUNT_T2	1	0	-1	0.2	0	-0.2	-0.56	-0.55	0	0	0	0	0	0
5/3/2023 16:16	61303 EARL_T1	0	0	0	0	0	0	0.2	0.18	0	0	0	0	0	0
5/3/2023 16:22	61801 EEU_T2	6	4	-2	0.57	0.75	0.18	-0.72	-0.82	0	0	0	0	0	0
5/3/2023 16:27	59102 WALK_T2	0	2	2	0	0.4	0.4	0	0	0	0	0	0	0	0
5/3/2023 16:36	61303 EARL_T1	0	0	0	0	0	0	0.18	0.22	0	0	0	0	0	0
5/3/2023 16:40	59101 WALK_T2	1	1	0	0.2	0.3	0.1	1.43	1.28	0	0	0	0	0	0
5/3/2023 16:49	67204 TEHI_T2	1	1	0	0.1	0.2	0.1	-0.15	0.06	0	0	0	0	0	0
5/3/2023 17:25	66703 STRA_T1	6	7	1	0.42	0.44	0.02	-0.38	-0.36	0	0	0	0	0	0
5/3/2023 17:36	58402 MORO_T1	0	0	0	0	0	0	-1	-1	2	2	0	1500	1500	0
5/3/2023 17:45	16301 ALPA_T1	1	1	0	0.2	0.3	0.1	-0.4	-0.42	0	0	0	0	0	0
5/3/2023 18:08	42701 AUGU_T1	0	1	1	0	0.4	0.4	0	0	2	2	0	1800	1800	0
5/3/2023 18:20	16301 ALPA_T1	1	1	0	0.3	0.3	0	-0.4	-0.38	0	0	0	0	0	0
5/3/2023 18:48	29401 BELT_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
5/3/2023 18:49	16301 ALPA_T1	1	1	0	0.2	0.2	0	-0.38	-0.41	0	0	0	0	0	0
5/3/2023 19:00	20401 ASHF_T2	31	31	0	0.17	0.18	0.01	0	0	0	0	0	0	0	0
5/3/2023 19:04	40501 CRES_T2	6	3	-3	0.27	0.13	-0.14	0	0	0	0	0	0	0	0
5/3/2023 19:29	45901 AUBU_T1	0	0	0	0	0	0	2.07	2.1	0	0	0	0	0	0
5/3/2023 20:01	42701 AUGU_T1	0	1	1	0	0.3	0.3	0	0	2	2	0	1800	1800	0
5/3/2023 20:24	29402 BELT_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
5/3/2023 20:31	65003 NEFF_T2	0	4	4	0	0.18	0.18	0	0	0	0	0	0	0	0
5/3/2023 20:42	67502 WEWI_T2	0	0	0	0	0	0	-0.5	-0.47	0	0	0	0	0	0
5/3/2023 20:53	20801 LOPO_T1	0	0	0	0	0	0	0.14	0.13	0	0	0	0	0	0
5/3/2023 21:41	47401 PENS_T1	0	0	0	0	0	0	0.68	0.69	0	0	0	0	0	0
5/3/2023 21:50	41801 GOCI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
5/3/2023 23:21	20401 ASHF_T2	2	16	14	0.3	0.2	-0.1	0	0	0	0	0	0	0	0
5/3/2023 23:25	48901 FOSP_T2	0	0	0	0	0	0	-0.48	-0.48	1	1	0	600	600	0
5/3/2023 23:28	28604 BLYT_T2	0	0	0	0	0	0	-1.37	-1.41	0	0	0	0	0	0
5/3/2023 23:30	40101 HUNT_T2	0	0	0	0	0	0	-0.57	-0.64	0	0	0	0	0	0
5/3/2023 23:35	42601 TUSC_T1	0	0	0	0	0	0	0	0	1	1	0	600	600	0
5/3/2023 23:59	52502 PROG_T2	0	0	0	0	0	0	-0.69	-0.7	1	1	0	900	900	0
5/4/2023 0:26	65604 QVIL_T2	0	0	0	0	0	0	0.2	0.2	0	0	0	0	0	0
5/4/2023 0:28	60801 BUCK_T1	16	34	18	0.18	0.23	0.05	0	0	0	0	0	0	0	0
5/4/2023 0:28	20401 ASHF_T2	1	3	2	0.1	0.23	0.13	0	0	0	0	0	0	0	0
5/4/2023 0:28	59101 WALK_T2	0	0	0	0	0	0	1.22	1.11	0	0	0	0	0	0
5/4/2023 0:28	28604 BLYT_T2	0	0	0	0	0	0	-1.4	-1.41	0	0	0	0	0	0
5/4/2023 0:28	16302 ALPA_T2	0	0	0	0	0	0	0.49	0.47	0	0	0	0	0	0
5/4/2023 0:28	53501 EVIL_T2	1	2	1	0.2	0.35	0.15	-1.05	-1.08	0	0	0	0	0	0
5/4/2023 0:28	49803 UNIV_T1	119	150	31	0.54	0.79	0.25	0	0	0	0	0	0	0	0
5/4/2023 0:28	40502 CRES_T2	0	17	17	0	0.28	0.28	-0.49	-0.49	0	0	0	0	0	0
5/4/2023 0:28	42802 SELI_T1	0	1	1	0	0.5	0.5	-0.07	-0.09	0	0	0	0	0	0
5/4/2023 0:28	46302 ROHR_T1	2	3	1	1	0.97	-0.03	0.12	0.12	0	0	0	0	0	0
5/4/2023 0:28	29402 BELT_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
5/4/2023 0:28	42601 TUSC_T1	0	0	0	0	0	0	0	0	1	0	-1	600	0	-600
5/4/2023 0:28	52502 PROG_T2	0	0	0	0	0	0	-0.7	-0.71	1	1	0	900	900	0
5/4/2023 0:28	51604 DUKE_T2	0	0	0	0	0	0	-1.76	-1.75	1	1	0	900	900	0
5/4/2023 0:28	40101 HUNT_T2	0	0	0	0	0	0	-1.18	-1.15	0	0	0	0	0	0
5/4/2023 0:28	47401 PENS_T1	0	1	1	0	0.1	0.1	0.6	0.6	0	0	0	0	0	0
5/4/2023 0:28	61303 EARL_T1	0	0	0	0	0	0	-0.04	-0.02	0	0	0	0	0	0
5/4/2023 0:28	45901 AUBU_T1	0	0	0	0	0	0	1.73	1.79	0	0	0	0	0	0
5/4/2023 0:30	65602 QVIL_T2	2	0	-2	0.1	0	-0.1	0	0	0	0	0	0	0	0
5/4/2023 0:34	54001 SDLE_T1	1	1	0	0.2	0.2	0	0	0	0	0	0	0	0	0
5/4/2023 0:35	54001 SDLE_T1	1	1	0	0.2	0.2	0	0	0	0	0	0	0	0	0
5/4/2023 0:44	60801 BUCK_T1	33	20	-13	0.23	0.2	-0.03	0	0	0	0	0	0	0	0
5/4/2023 1:02	60803 BUCK_T1	0	0	0	0	0	0	-1.74	-1.7	1	1	0	600	600	0
5/4/2023 1:05	58402 MORO_T1	0	0	0	0	0	0	-1.38	-1.38	2	2	0	1500	1500	0
5/4/2023 1:05	66703 STRA_T1	0	0	0	0	0	0	-0.46	-0.52	0	0	0	0	0	0
5/4/2023 1:07	48902 FOSP_T2	0	0	0	0	0	0	-0.29	-0.3	0	0	0	0	0	0
5/4/2023 1:21	48902 FOSP_T2	0	0	0	0	0	0	-0.3	-0.28	0	0	0	0	0	0
5/4/2023 1:21	59101 WALK_T2	0	0	0	0	0	0	1.03	1.12	0	0	0	0	0	0
5/4/2023 1:25	45901 AUBU_T1	0	0	0	0	0	0	1.72	1.76	0	0	0	0	0	0
5/4/2023 1:25	59101 WALK_T2	0	0	0	0	0	0	1.03	1.12	0	0	0	0	0	0
5/4/2023 1:25	61801 EEU_T2	1	2	1	0.2	0.3	0.1	-0.92	-0.88	0	0	0	0	0	0
5/4/2023 1:27	45901 AUBU_T1	0	0	0	0	0	0	1.72	1.76	0	0	0	0	0	0
5/4/2023 1:29	43402 BENT_T1	0	0	0	0	0	0	-1.6	-1.58	2	2	0	1500	1500	0
5/4/2023 1:38	43402 BENT_T1	0	0	0	0	0	0	-1.58	-1.58	2	2	0	1500	1500	0
5/4/2023 1:49	42701 AUGU_T1	1	1	0	1.3	1.5	0.2	0	0	2	2	0	1800	1800	0
5/4/2023 1:50	64802 MONE_T2	0	0	0	0	0	0	0.16	0.18	0	0	0	0	0	0
5/4/2023 1:51	64802 MONE_T2	0	0	0	0	0	0	0.16	0.18	0	0	0	0	0	0
5/4/2023 1:52	42701 AUGU_T1	1	1	0	1.3	1.5	0.2	0	0	2	2	0	1800	1800	0
5/4/2023 1:56	40101 HUNT_T2	0	0	0	0	0	0	-0.62	-0.61	0	0	0	0	0	0
5/4/2023 2:07	42701 AUGU_T1	1	1	0	1.4	1.5	0.1	0	0	2	2	0	1800	1800	0
5/4/2023 2:09	42701 AUGU_T1	1	1	0	1.4	1.5	0.1	0	0	2	2	0	1800	1800	0
5/4/2023 2:10	42701 AUGU_T1	1	1	0	1.4	1.5	0.1	0	0	2	2	0	1800	1800	0
5/4/2023 2:14	54001 SDLE_T1	1	1	0	0.4	0.7	0.3	0	0	1	1	0	600	600	0
5/4/2023 2:21	20401 ASHF_T2	30	27	-3	0.23	0.21	-0.02	0	0	0	0	0	0	0	0
5/4/2023 2:23	16301 ALPA_T1	1	1	0	0.2	0.1	-0.1	-0.51	-0.5	0	0	0	0	0	0
5/4/2023 2:24	29402 BELT_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
5/4/2023 2:27	42601 TUSC_T1	0	0	0	0	0	0	0	0	1	1	0	600	600	0
5/4/2023 2:28	42601 TUSC_T1	0	0	0	0	0	0	0	0	1	1	0	600	600	0
5/4/2023 2:29	47401 PENS_T1	4	4	-4	0.13	0	-0.13	0.52	0.53	0	0	0	0	0	0
5/4/2023 2:34	29402 BELT_T1	0	0	0	0	0	0	0	0	0	0

Appendix C - Grid Benefits Achieved in Each Instance of Active Management

5/4/2023 10:00	59101 WALK_T2	0	0	0	0	0	0	4.42	4.18	0	0	0	0	0	0
5/4/2023 10:00	42201 SHEN_T2	0	0	0	0	0	0	0.5	0.48	0	0	0	0	0	0
5/4/2023 10:00	40502 CRES_T2	10	17	7	0.17	0.22	0.05	-0.22	-0.22	0	0	0	0	0	0
5/4/2023 10:00	42601 TUSC_T1	2	4	2	0.5	0.25	-0.25	0	0	4	4	0	2400	2400	0
5/4/2023 10:00	56601 HAMP_T1	1	0	-1	0.3	0	-0.3	-0.15	-0.11	0	0	0	0	0	0
5/4/2023 10:00	47401 PENS_T1	0	0	0	0	0	0	2.66	2.62	0	0	0	0	0	0
5/4/2023 10:00	48901 FOSP_T2	0	0	0	0	0	0	-0.03	-0.09	1	1	0	600	600	0
5/4/2023 10:00	60801 BUCK_T1	5	5	0	0.18	0.16	-0.02	0	0	0	0	0	0	0	0
5/4/2023 10:00	49803 UNIV_T1	66	83	17	0.37	0.39	0.02	0	0	0	0	0	0	0	0
5/4/2023 10:00	28604 BLYT_T2	0	0	0	0	0	0	-1.34	-1.34	0	0	0	0	0	0
5/4/2023 10:00	46302 ROHR_T1	3	3	0	0.77	1.27	0.5	0.15	0.15	0	0	0	0	0	0
5/4/2023 10:00	47802 MOCA_T2	0	0	0	0	0	0	-0.96	-0.95	0	0	0	0	0	0
5/4/2023 10:00	67503 WEWI_T2	0	1	1	0	0.2	0.2	0	0	0	0	0	0	0	0
5/4/2023 10:00	52502 PROG_T2	3	4	1	0.4	0.4	0	-0.73	-0.69	1	1	0	900	900	0
5/4/2023 10:00	66703 STRA_T1	0	0	0	0	0	0	-0.09	-0.13	0	0	0	0	0	0
5/4/2023 10:00	67204 TEHI_T2	0	0	0	0	0	0	-0.06	-0.02	0	0	0	0	0	0
5/4/2023 10:00	65604 QVIL_T2	0	0	0	0	0	0	0.28	0.28	0	0	0	0	0	0
5/4/2023 10:00	67603 WARW_T1	0	1	1	0	0.5	0.5	0	0	0	0	0	0	0	0
5/4/2023 10:00	64801 MONE_T2	0	0	0	0	0	0	0.29	0.29	0	0	0	0	0	0
5/4/2023 10:00	42802 SELI_T1	0	0	0	0	0	0	-0.73	-0.77	1	1	0	900	900	0
5/4/2023 10:00	61303 EARL_T1	0	0	0	0	0	0	0.71	0.61	0	0	0	0	0	0
5/4/2023 10:00	43402 BENT_T1	0	0	0	0	0	0	-0.7	-0.7	1	1	0	900	900	0
5/4/2023 10:00	45901 AUBU_T1	0	0	0	0	0	0	4.14	3.61	0	0	0	0	0	0
5/4/2023 10:00	52502 PROG_T2	3	4	1	0.4	0.4	0	-0.73	-0.69	1	1	0	900	900	0
5/4/2023 10:00	54001 SDLE_T1	4	5	1	0.45	0.7	0.25	0	0	0	0	0	0	0	0
5/4/2023 10:00	41801 GOCI_T2	0	1	1	0	0.6	0.6	0	0	0	0	0	0	0	0
5/4/2023 10:00	42701 AUGU_T1	1	1	0	0.8	0.9	0.1	0	0	4	4	0	3600	3600	0
5/4/2023 11:06	48901 FOSP_T2	0	0	0	0	0	0	-0.14	-0.04	1	1	0	600	600	0
5/4/2023 11:11	66701 STRA_T1	0	1	1	0	0.5	0.5	0	0	0	0	0	0	0	0
5/4/2023 11:15	29401 BELT_T1	4	51	47	0.15	0.22	0.07	0	0	0	0	0	0	0	0
5/4/2023 11:30	42701 AUGU_T1	2	2	0	0.8	0.85	0.05	0	0	2	2	0	1800	1800	0
5/4/2023 11:32	52502 PROG_T2	0	2	2	0	0.25	0.25	-0.68	-0.77	1	1	0	900	900	0
5/4/2023 11:38	42802 SELI_T1	0	1	1	0	0.9	0.9	-0.82	-0.8	1	1	0	900	900	0
5/4/2023 11:44	42601 TUSC_T1	4	0	-4	0.5	0	-0.5	0	0	2	2	0	1200	1200	0
5/4/2023 11:48	64801 MONE_T2	1	1	0	0.7	0.3	-0.4	0	0	0	0	0	0	0	0
5/4/2023 11:53	45902 AUBU_T1	0	1	1	0	0.2	0.2	-0.63	-0.63	1	1	0	600	600	0
5/4/2023 12:26	53501 EVIL_T2	5	4	-1	0.3	0.38	0.08	0.18	0.25	1	1	0	600	600	0
5/4/2023 12:27	65602 QVIL_T2	33	44	11	0.21	0.3	0.09	0	0	0	0	0	0	0	0
5/4/2023 12:33	47401 PENS_T1	0	0	0	0	0	0	0.85	0.99	0	0	0	0	0	0
5/4/2023 12:39	64902 MILL_T2	0	0	0	0	0	0	0.24	0.23	0	0	0	0	0	0
5/4/2023 12:46	14802 TREI_T2	3	4	1	0.17	0.38	0.21	0	0	0	0	0	0	0	0
5/4/2023 12:52	47403 PENS_T1	1	1	0	2.1	2.3	0.2	0	0	0	0	0	0	0	0
5/4/2023 12:53	59102 WALK_T2	1	3	2	0.2	0.43	0.23	0	0	0	0	0	0	0	0
5/4/2023 13:37	56802 BENV_T2	8	12	4	0.36	0.38	0.02	-1.44	-1.41	0	0	0	0	0	0
5/4/2023 13:43	46302 ROHR_T1	3	3	0	0.4	1.17	0.77	0.13	0.11	0	0	0	0	0	0
5/4/2023 13:52	56803 BENV_T1	16	22	6	0.48	0.55	0.07	0	0	0	0	0	0	0	0
5/4/2023 13:53	49803 UNIV_T1	147	154	7	0.81	0.85	0.04	0	0	0	0	0	0	0	0
5/4/2023 13:54	60803 BUCK_T1	0	0	0	0	0	0	-0.96	-0.96	1	1	0	600	600	0
5/4/2023 13:58	20801 LOPO_T1	0	0	0	0	0	0	0.08	0.1	0	0	0	0	0	0
5/4/2023 14:00	46302 ROHR_T1	3	3	0	1.17	1.57	0.4	0.11	0.11	0	0	0	0	0	0
5/4/2023 14:00	53501 EVIL_T2	1	2	1	0.3	0.65	0.35	0.1	0.25	1	1	0	600	600	0
5/4/2023 14:05	58401 MORO_T1	3	9	6	0.33	0.36	0.03	0	0	0	0	0	0	0	0
5/4/2023 14:05	49804 UNIV_T1	1	2	1	0.3	0.4	0.1	0.56	0.6	0	0	0	0	0	0
5/4/2023 14:06	58401 MORO_T1	3	9	6	0.33	0.36	0.03	0	0	0	0	0	0	0	0
5/4/2023 14:06	47401 PENS_T1	0	0	0	0	0	0	0.83	1.03	0	0	0	0	0	0
5/4/2023 14:09	42701 AUGU_T1	1	2	1	1.1	0.7	-0.4	0	0	2	2	0	1800	1800	0
5/4/2023 14:11	56803 BENV_T1	20	21	1	0.49	0.61	0.12	0	0	0	0	0	0	0	0
5/4/2023 14:13	47403 PENS_T1	1	1	0	2.3	2.4	0.1	0	0	0	0	0	0	0	0
5/4/2023 14:14	52502 PROG_T2	0	0	0	0	0	0	-0.79	-0.72	1	0	-1	900	0	-900
5/4/2023 14:22	42701 AUGU_T1	1	3	2	1.3	0.57	-0.73	0	0	2	2	0	1800	1800	0
5/4/2023 14:32	42201 SHEN_T2	1	1	0	1	1.2	0.2	0.49	0.51	0	0	0	0	0	0
5/4/2023 14:36	42201 SHEN_T2	1	1	0	1	1.2	0.2	0.51	0.51	0	0	0	0	0	0
5/4/2023 14:41	57601 RUTH_T2	0	4	4	0	0.45	0.45	0	0	0	0	0	0	0	0
5/4/2023 14:41	29401 BELT_T1	2	0	-2	0.1	0	-0.1	0	0	0	0	0	0	0	0
5/4/2023 14:42	58401 MORO_T1	8	10	2	0.38	0.41	0.03	0	0	0	0	0	0	0	0
5/4/2023 14:42	67502 WEWI_T2	116	129	13	0.23	0.24	0.01	-0.32	-0.27	0	0	0	0	0	0
5/4/2023 14:42	60605 NCOL_T2	0	0	0	0	0	0	-0.55	-0.52	0	0	0	0	0	0
5/4/2023 14:42	42201 SHEN_T2	1	1	0	1	1.2	0.2	0.51	0.51	0	0	0	0	0	0
5/4/2023 14:43	46301 ROHR_T1	0	0	-1	0.9	0	-0.9	0	0	0	0	0	0	0	0
5/4/2023 14:43	60801 BUCK_T1	0	2	2	0	0.15	0.15	0	0	0	0	0	0	0	0
5/4/2023 14:43	56803 BENV_T1	21	23	2	0.57	0.63	0.06	0	0	0	0	0	0	0	0
5/4/2023 14:44	20403 ASHF_T2	147	88	-59	0.25	0.26	0.01	0.29	0.26	0	0	0	0	0	0
5/4/2023 14:44	24101 EHAZ_T1	1	1	0	0.2	0	-0.2	0.87	0.81	2	2	0	1200	1200	0
5/4/2023 14:44	67502 WEWI_T2	116	129	13	0.23	0.24	0.01	0	0	0	0	0	0	0	0
5/4/2023 14:45	57602 RUTH_T2	3	3	0	0.77	1.2	0.43	0.12	0.06	0	0	0	0	0	0
5/4/2023 14:45	49803 UNIV_T1	150	149	-1	0.76	0.84	0.08	0	0	0	0	0	0	0	0
5/4/2023 14:45	47401 PENS_T1	0	1	1	0	0.1	0.1	0.9	0.89	0	0	0	0	0	0
5/4/2023 14:45	42701 AUGU_T1	2	1	-1	0.35	0.1	-0.25	0	0	2	2	0	1800	1800	0
5/4/2023 14:47	57603 RUTH_T2	0	16	16	0	0.55	0.55	0	0	0	0	0	0	0	0
5/4/2023 15:52	67204 TEHI_T2	2	1	-1	0.65	0.7	0.05	-0.07	-0.08	0	0	0	0	0	0
5/4/2023 18:14	46602 LACR_T1	3	6	3	0.13	0.15	0.02	-1.23	-1.22	0	0	0	0	0	0
5/4/2023 18:23	48902 FOSP_T2	1	0	-1	0.1	0	-0.1	0	0	0	0	0	0	0	0
5/4/2023 18:48	64303 LINC_T1	0	0	0	0	0	0	-0.23	-0.21	0	0	0	0	0	0
5/4/2023 19:15	66303 MCGO_T2	1	1	0	1	1	0	0	0	0	0	0	0	0	0
5/4/2023 19:17	39601 LNFD_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
5/4/2023 19:26	46602 LACR_T1	10	7	-3	0.2	0.2	0	-1.17	-1.17	0	0	0	0	0	0
5/4/2023 19:41	40602 PIGR_T1	1	1	0	0.1	0.1	0	0	0	0	0	0	0	0	0
5/4/2023 19:50	24104 EHAZ_T1	0	0	0	1	0	0	-1	-1.01	1	1	0	1200	1200	0
5/4/2023 20:03	56803 BENV_T1	13	11	-2	0.5	0.67	0.17	0	0	0	0	0	0	0	0
5/4/2023 20:11	42701 AUGU_T1	1	1	0	0.8	0.5	-0.3	0	0	2	2	0	1800	1800	0
5/4/2023 20:15	42501 ALTA_T2	0	0	0	0	0	0	0.03	-0.05	1	1	0	600	600	0
5/4/2023 20:30	65604 QVIL_T2	0	0	0	0	0	0	0.25	0.23	0	0	0	0	0	0
5/4/2023 20:44	67502 WEWI_T2	0	0	0	0	0	0	-0.54	-0.59	0	0	0	0	0	0
5/4/2023 20:55	20801 LOPO_T1	0	0	0	0	0	0	0.11	0.12	0	0	0	0	0	0
5/4/2023 20:56	45902 AUBU_T1	0	0	0	0	0	0	-0.38	-0.35	0	0	0	0	0	0
5/4/2023 22:18	65603 QVIL_T2	0	0	0	0	0	0	-0.75	-0.77	0	0	0	0	0	0
5/4/2023 22:25	56803 BENV_T1	8	13	5	0.53	0.47	-0.06	0	0	0	0	0	0	0	0
5/4/2023 22:29	47401 PENS_T1	0	0	0	0	0	0	0.7	0.66	0	0	0	0	0	0
5/4/2023 23:08	28602 BLYT_T2	1	0	-1	0.1	0	-0.1	0	0	0	0	0	0	0	0
5/4/2023 23:59	52502 PROG_T2	0	0	0	0	0	0	0.17	-0.8	0	1	1	0	900	900
5/5/2023 0:28	42201 SHEN_T2	0	0	0	0	0	0	0.26	0.24	0	0	0	0	0	0
5/5/2023 0:28	46302 ROHR_T1	3	3	0	0.73	0.5	-0.23	0.06	0.11	0	0	0	0	0	0
5/5/2023 0:28	59101 WALK_T2	0	0	0	0	0	0	0.72	0.69	0	0	0	0	0	0
5/5/2023 0:28	57602 RUTH_T2	0	2	2	0	0.4	0.4	-0.11	-0.08	0	0	0	0	0	0
5/5/2023 0:28	66302 MCGO_T2	1	162	161	0.1	0.12	0.02	-1.1	-1.11	0	0	0	0	0	0
5/5/2023 0:28	24101 EHAZ_T1	0	0	0	0	0	0	0.63	0.65	0	0	0	0	0	0
5/5/2023 0:28	47402 PENS_T1	0	1	1	0	0.2	0.2	0	0	0	0	0	0	0	0
5/5/2023 0:28	56802 BENV_T2	0	0	0	0	0	0	-1.52	-1.51	0	0	0	0	0	0
5/5/2023 0:28	42802 SELI_T1	1	1	0	0.7	0.8	0.1	-0.14	-0.11	0	0	0	0	0	0
5/5/2023 0:28	52502 PROG_T2	0	0	0	0	0	0	-2.5	-2.47	3	3	0	2700	2700	0
5/5/2023 0:28	56801 BENV_T1	23	27	4	0.61	0.67	0.06	-0.44	-0.54	0	0	0	0	0	0
5/5/2023 0:28	49804 UNIV_T1	2	1	-1	0.3	0.5	0.2	0.31	0.3	0	0	0	0	0	0
5/5/2023 0:28	45901 AUBU_T1	0	0	0	0	0	0	3.02	2.87	0	0	0	0	0	0
5/5/2023 0:28	46602 LACR_T1	0	0	0	0	0	0	-1.02	-1.03	0	0	0	0	0	0
5/5/2023 0:28	42501 ALTA_T2	0	0	0	0	0	-0.2	-0.18	-0.18	1	1	0	600	600	0
5/5/2023 0:28	66703 STRA_T1	5	5	0	0.28	0.44	0.16	-0.49	-0.52	0	0	0	0	0	0
5/5/2023 0:28	42701 AUGU_T1	0	0	0	0	0	0	0	0	2	2	0	1200	1200	0
5/5/2023 0:28	58402 MORO_T1	0	0	0	0	0	0	-0.64	-0.6	1	1	0	600	600	0
5/5/2023 0:28	45902 AUBU_T1	0	0	0	0	0	0	-0.89	-0.92	1	1	0	600	600	0
5/5/2023 0:28	67503 WEWI_T2	0	0	0	0	0	0	-0.43	-0.44	0	0	0	0	0	0
5/5/2023 0:28	53501 EVIL_T2	12	13	1	0.44	0.68	0.24	-1.45	-1.51	0	0	0	0	0	0
5/5/2023 0:28	42601 TUSC_T1	0	0	0	0	0	0	0	0	1	1	0	600	600	0
5/5/2023 0:28	29402 BELT_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
5/5/2023 0:28	64902 MILL_T2	0	0	0	0	0	0	-0.52	-0.52	0	0	0	0	0	0
5/5/2023 1:44	48901 FOSP_T2	0	0	0	0	0	0	-0.5	-0.53	1	1	0	600	600	0
5/5/2023 1:45	14801 TREI_T2	0	0	0	0	0	0.2	0.2	0.2	0	0	0	0	0	0
5/5/2023 1:46	64802 MONE_T2	0	1	1	0	0	0	0.13	0.11	0	0	0	0	0	0
5/5/2023 1:50	56803 BENV_T1	0	1	1	0	0.1	0.1	0	0	0	0	0	0	0	0
5/5/2023 1:58	14801 TREI_T2	0	0	0	0	0	0	0.2	0.2	0	0	0	0	0	0
5/5/2023 1:59	52502 PROG_T2	0	0	0	0	0	0	-0.81	-0.86	1	1	0	900	900	0
5/5/2023 2:00	64802 MONE_T2	0	1	1	0	0.2	0.2	0.11	0.12	0	0	0	0	0	0
5/5/2023 2:04	48901 FOSP_T2	0	0	0	0	0	0	-0.52	-0.5	1	1	0	600	600	0
5/5/2023 2:06	56801 BENV_T1	24	29	5	0.73	0.76	0.03	-0.28	-0.26	0	0	0	0	0	0
5/5/2023 2:27	64305 LINC_T1	2	2	0	0.3	0.3	0	0	0	0	0	0	0	0	0
5/5/2023 2:56	45902 AUBU_T1	0	0	0	0	0	0	-0.93	-0.84	1	1	0	600	600	0
5/5/2023 3:00	45902 AUBU_T1	0	0	0	0	0	0	-0.93	-0.84	1	1	0	600	600	0
5/5/2023 3:06	64802 MONE_T2	0	0	0	0	0	0	0.13	0.13	0	0	0	0	0	0
5/5/2023 3:16	45902 AUBU_T1	0	0	0	0	0	0	-0.84	-0.94	1	1	0	600	600	0
5/5/2023 5:10	56801 BENV_T1	14	32	18	0.19	0.63	0.44	-0.86	-0.84	1	1	0	600	600	0
5/5/2023 6:25	14801 TREI_T2	0	0	0	0	0	0	0.34	0.29	0	0	0	0	0	0
5/5/2023 9:00	53601 DALM_T2	1	1	0	1	1.3	0.3	-0.42	-0.4	1	1	0	900	900	0
5/5/2023 10:00	12601 MACA_T1	0	1	1	0	1	1	0	0	0	0	0	0	0	0
5/5/2023 10:00	65003 NEFF_T2	481	544	63	0.31	0.44	0.13	0	0	0	0	0	0	0	0
5/5/2023 10:00	67502 WEWI_T2	26	28	2	0.35	0.51	0.16	-0.38	-0.36	0	0	0	0	0	0
5/5/2023 10:00	53601 DALM_T2	1	1	0	1.3	1.4	0.1	-0.4	-0.44	1	1	0	900	900	0
5/5/2023 10:00	45902 AUBU_T1	0	2	2	0	0.2	0.2	-0.68	-0.69	1	1	0	600	600	0
5/5/2023 10:00	66701 STRA_T1	2	2	0	0.5	0.9	0.4	0	0	0	0	0	0	0	0
5/5/2023 10:00	65603 QVIL_T2	1	7	6	0.5	0	-0.5	-0.47	-0.43	0	0	0	0	0	0
5/5/2023 10:00	66302 MCGO_T2	0	2	2	0	0.35	0.35	-0.61	-1.14	1	1	0	600	600	0
5/5/2023 10:00	46302 ROHR_T1	3	4	1	1	1.28	0.28	0.13	0.12	0	0	0	0	0	0
5/5/2023 10:00	48901 FOSP_T2	0	0	0	0	0	0	-0.02	-0.08	2	2	0	1200	1200	0
5/5/2023 10:00	20801 LOPO_T1	0	0	0	0	0	0	0.09	0.1	0	0	0	0	0	0
5/5/2023 10:00	29402 BELT_T1	2	2	0	0.4	0.45	0.05	0	0	0	0	0	0	0	0
5/5/2023 10:00	60801 BUCK_T1	22	91	69	0.25	0.3	0.05	0	0	0	0	0	0	0	0
5/5/2023 10:00	45902 AUBU_T1	0	2	2	0	0.2	0.2	-0.68	-0.69	1	1	0	600	600	0
5/5/2023 10:00	64801 MONE_T2	2	5	3	0.65	0.5	-0.15	0.27	0.26	0	0	0	0	0	0
5/5/2023 10:00	39601 LNFD_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
5/5/2023 10:00	67605 WARW_T1	15	45	30	0.3	0.37	0.07	0	0	0	0	0	0	0	0
5/5/2023 10:00	56802 BENV_T2	8	6	-2	0.45	0.47	0.02	-1.42	-1.45	0	0	0	0	0	0
5/5/2023 10:00	14802 TREI_T2	2	13	11	0.8	0.27	-0.53	0	0	0	0	0	0	0	0
5/5/2023 10:00	40602 PIGR_T1	2	2	0	0.25	0.25	0	0	0	0	0	0	0	0	0
5/5/2023 10:00	67502 WEWI_T2	26	28	2	0.35	0.51	0.16	-0.38	-0.36	0	0	0	0	0	0
5/5/2023 10:00	59101 WALK_T2	0	0	0	0	0	0	1.37	1.28	0	0	0	0	0	0
5/5/2023 10:00	52502 PROG_T2	0	0	0	0	0	0	-2.21	-2.24	3	3	0	2700	2700	0
5/5/2023 10:00	24105 EHAZ_T1	4	4	0	6.35	6.4	0.05	0	0	0	0	0	0	0	0
5/5/2023 10:00	20402 ASHF_T2	1	5	4	0.1	0.44	0.34	0	0	0	0	0	0	0	0
5/5/2023 10:00	29401 BELT_T1	32	0	-32	0.21	0	-0.21	0	0	1	0	-1	900	0	-900
5/5/2023 10:00	42501 ALTA_T2	0	1	1	0	0.2	0.2	-0.08	-0.04	1	1	0	600	600	0
5/5/2023 10:00	42601 TUSC_T1	0	2	2	0	0	0	0	0	1	1	0	600	600	0
5/5/2023 10:00	41502 FAIR_T2	0	0	0	0	0	0	-1.68	-1.69	1	1	0	900	900	0
5/5/2023 10:00	67204 TEHI_T2	1	1	0	0.6	0.5	-0.1	-0.22	-0.22	0	0	0	0	0	0
5/5/2023 10:00	54504 ENOL_T2	0	1	1	0	1.2	1.2	0	0	0	0	0	0	0	0
5/5/2023 10:00	53501 EVIL_T2	6	5	-1	0.8	0.68	-0.12	-0.93	-0.76	4	4	0	2400	2400	0
5/5/2023 10:00	58402 MORO_T1	0	0	0	0	0	0	-1.16	-1.16	2	2	0	1500	1500	0
5/5/2023 10:00	57602 RUTH_T2	2	2	0	0.15	0.6	0.45	0.18	0.33	0	0	0	0	0	0
5/5/2023 10:00	64801 MONE_T2	2	5	3	0.65	0.5	-0.15	0.27	0.26	0	0	0	0	0	0
5/5/2023 10:00	65601 QVIL_T2	1	8	7	0.7	0	-0.7	0	0	0	0	0	0	0	0
5/5/2023 10:00	28601 BLYT_T2	0	1	1	0	0	0	0	0

Appendix C - Grid Benefits Achieved in Each Instance of Active Management

5/5/2023 13:37	59101 WALK_T2	1	1	0	1.3	0.7	-0.6	0.93	0.85	0	0	0	0	0	0
5/5/2023 13:39	56803 BENV_T1	5	11	6	0.36	0.45	0.09	0	0	0	0	0	0	0	0
5/5/2023 13:39	46302 ROHR_T1	3	3	0	0.93	1.2	0.27	0.1	0.1	0	0	0	0	0	0
5/5/2023 13:41	44901 SCOT_T2	0	0	0	0	0	0	-0.01	0.02	0	0	0	0	0	0
5/5/2023 13:43	45303 WBER_T2	0	0	0	0	0	0	-0.19	-0.15	0	0	0	0	0	0
5/5/2023 13:43	45902 AUBU_T1	0	0	0	0	0	0	-0.93	-0.9	1	1	0	600	600	0
5/5/2023 13:44	67503 WEWI_T2	0	3	3	0	0.2	0.2	-0.33	-0.27	0	0	0	0	0	0
5/5/2023 13:45	14801 TREI_T2	82	107	25	0.31	0.36	0.05	0.24	0.22	0	0	0	0	0	0
5/5/2023 13:45	61303 EARL_T1	0	1	1	0	0	0	0.64	0.69	0	0	0	0	0	0
5/5/2023 13:46	28604 BLYT_T2	2	3	1	0.2	0.63	0.43	0	0	0	0	0	0	0	0
5/5/2023 13:48	65001 NEFF_T2	403	493	90	0.21	0.44	0.23	-0.68	-0.81	1	0	-1	1200	0	-1200
5/5/2023 13:49	42802 SELI_T1	0	0	0	0	0	0	-0.76	-0.77	1	1	0	900	900	0
5/5/2023 13:50	42701 AUGU_T1	3	4	1	0.47	0.15	-0.32	0	0	2	2	0	1800	1800	0
5/5/2023 13:52	56801 BENV_T1	43	41	-2	0.65	0.75	0.1	-0.19	-0.19	0	0	0	0	0	0
5/5/2023 13:52	59102 WALK_T2	1	3	2	0.3	0.47	0.17	0	0	0	0	0	0	0	0
5/5/2023 14:00	42601 TUSC_T1	0	1	1	0	0	0	0	0	1	1	0	600	600	0
5/5/2023 14:02	14802 TREI_T2	20	29	9	0.26	0.33	0.07	0	0	0	0	0	0	0	0
5/5/2023 14:05	14802 TREI_T2	20	29	9	0.26	0.33	0.07	0	0	0	0	0	0	0	0
5/5/2023 14:14	48901 FOSP_T2	0	0	0	0	0	0	-0.09	-0.23	1	1	0	600	600	0
5/5/2023 14:23	28602 BLYT_T2	4	2	-2	0.53	0.65	0.12	0	0	0	0	0	0	0	0
5/5/2023 14:29	61302 EARL_T1	1	1	0	0.4	0.6	0.2	0	0	0	0	0	0	0	0
5/5/2023 14:30	64305 LINC_T1	4	0	-4	0.2	0	-0.2	0	0	0	0	0	0	0	0
5/5/2023 14:32	48901 FOSP_T2	0	0	0	0	0	0	-0.23	-0.23	1	1	0	600	600	0
5/5/2023 14:35	42802 SELI_T1	0	0	0	0	0	0	-0.79	-0.77	1	1	0	900	900	0
5/5/2023 14:35	59101 WALK_T2	0	0	0	0	0	0	1.11	1.14	0	0	0	0	0	0
5/5/2023 14:58	26401 INOR_T1	1	1	0	0	0	0	0	0	0	0	0	0	0	0
5/5/2023 15:37	65003 NEFF_T2	1	3	2	0.5	0.17	-0.33	0	0	0	0	0	0	0	0
5/5/2023 16:09	16301 ALPA_T1	0	0	0	0	0	0	-0.34	-0.34	0	0	0	0	0	0
5/5/2023 16:13	61802 EELI_T2	0	1	1	0	0.5	0.5	0	0	0	0	0	0	0	0
5/5/2023 16:34	40502 CRES_T2	3	0	-3	0.2	0	-0.2	0.43	0.42	0	0	0	0	0	0
5/5/2023 16:54	40502 CRES_T2	0	5	5	0	0.16	0.16	0.42	0.44	0	0	0	0	0	0
5/5/2023 17:14	48902 FOSP_T2	1	0	-1	0.2	0	-0.2	0	0	0	0	0	0	0	0
5/5/2023 17:18	52502 PROG_T2	0	0	0	0	0	0	-0.72	-0.76	1	1	0	900	900	0
5/5/2023 17:19	44801 EDAN_T2	1	3	2	0.2	0.13	-0.07	0	0	0	0	0	0	0	0
5/5/2023 17:50	64303 LINC_T1	0	0	0	0	0	0	-0.23	-0.21	0	0	0	0	0	0
5/5/2023 17:55	41902 REED_T1	0	0	0	0	0	0	0.96	1	0	0	0	0	0	0
5/5/2023 18:36	24101 EHAZ_T1	0	2	2	0	0	0	0	0	0	0	0	0	0	0
5/5/2023 18:53	63802 HEMP_T1	106	102	-4	0.13	0.13	0	0	0	0	0	0	0	0	0
5/5/2023 19:12	56802 BENV_T2	89	146	57	0.18	0.23	0.05	-0.69	-0.74	0	0	0	0	0	0
5/5/2023 19:42	56802 BENV_T2	135	88	-47	0.23	0.19	-0.04	-0.74	-0.72	0	0	0	0	0	0
5/5/2023 19:57	46004 BERW_T2	0	0	0	0	0	0	-0.57	-0.59	0	0	0	0	0	0
5/5/2023 20:11	42701 AUGU_T1	1	1	0	0.8	0.9	0.1	0	0	2	2	0	1800	1800	0
5/5/2023 20:19	67503 WEWI_T2	0	1	1	0	0	0	-0.31	-0.3	0	0	0	0	0	0
5/5/2023 20:19	57601 RUTH_T2	0	0	0	0	0	0	0.52	0.49	0	0	0	0	0	0
5/5/2023 20:33	48901 FOSP_T2	0	0	0	0	0	0	-0.45	-0.46	1	1	0	600	600	0
5/5/2023 20:53	41502 FAIR_T2	1	2	1	0.1	0.15	0.05	-0.67	-0.69	0	0	0	0	0	0
5/5/2023 20:56	26401 INOR_T1	1	1	0	0	0	0	0	0	0	0	0	0	0	0
5/5/2023 21:00	67502 WEWI_T2	7	95	88	0.51	0.16	-0.35	-0.54	-0.61	0	0	0	0	0	0
5/5/2023 21:26	56802 BENV_T2	76	165	89	0.2	0.32	0.12	-0.71	-0.75	0	0	0	0	0	0
5/5/2023 21:27	45902 AUBU_T1	0	0	0	0	0	0	-0.49	-0.53	0	0	0	0	0	0
5/5/2023 21:28	41802 GOCI_T2	11	20	9	0.35	0.27	-0.08	0	0	0	0	0	0	0	0
5/5/2023 23:13	28602 BLYT_T2	1	0	-1	0.3	0	-0.3	0	0	0	0	0	0	0	0
5/5/2023 23:38	56801 BENV_T1	15	16	1	0.37	0.4	0.03	-0.25	-0.24	0	0	0	0	0	0
5/5/2023 23:42	52502 PROG_T2	0	0	0	0	0	0	-0.8	-0.81	1	1	0	900	900	0
5/5/2023 23:56	65002 NEFF_T2	0	1	1	0	0.1	0.1	0	0	0	0	0	0	0	0
5/6/2023 0:04	54001 SDLE_T1	1	1	0	0.3	0.6	0.3	0	0	0	0	0	0	0	0
5/6/2023 0:28	48901 FOSP_T2	0	0	0	0	0	0	-0.48	-0.5	0	1	1	0	600	600
5/6/2023 0:28	57602 RUTH_T2	2	2	0	0.2	0.3	0.1	0	0	0	0	0	0	0	0
5/6/2023 0:28	44801 EDAN_T2	1	1	0	0.8	0.6	-0.2	0	0	0	0	0	0	0	0
5/6/2023 0:28	29402 BELT_T1	0	39	39	0	0.43	0.43	0	0	0	0	0	0	0	0
5/6/2023 0:28	52502 PROG_T2	0	0	0	0	0	0	-0.83	-0.82	1	1	0	900	900	0
5/6/2023 0:28	65002 NEFF_T2	1	0	-1	0.1	0	-0.1	0	0	0	0	0	0	0	0
5/6/2023 0:28	56802 BENV_T2	0	0	0	0	0	0	-3.06	-3.01	0	0	0	0	0	0
5/6/2023 0:28	28604 BLYT_T2	0	0	0	0	0	0	-1.48	-1.48	0	0	0	0	0	0
5/6/2023 0:28	59101 WALK_T2	0	0	0	0	0	0	2.2	2.25	0	0	0	0	0	0
5/6/2023 0:28	42601 TUSC_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
5/6/2023 0:28	42701 AUGU_T1	1	1	0	1.4	1.6	0.2	0	0	4	4	0	3600	3600	0
5/6/2023 0:28	42802 SELI_T1	0	0	0	0	0	0	-0.28	-0.3	0	0	0	0	0	0
5/6/2023 0:28	67503 WEWI_T2	0	0	0	0	0	0	-0.42	-0.42	0	0	0	0	0	0
5/6/2023 0:28	61303 EARL_T1	0	0	0	0	0	0	-0.13	-0.15	0	0	0	0	0	0
5/6/2023 0:28	56801 BENV_T1	19	27	8	0.51	0.62	0.11	-0.91	-0.92	0	1	1	0	600	600
5/6/2023 0:28	61801 EELI_T2	2	2	0	0.8	0.8	0	-1.07	-1.05	0	0	0	0	0	0
5/6/2023 0:28	53501 EVIL_T2	19	27	8	1.17	1	-0.17	-0.88	-0.89	0	0	0	0	0	0
5/6/2023 0:28	44901 SCOT_T2	0	0	0	0	0	0	-0.03	-0.04	0	0	0	0	0	0
5/6/2023 0:28	46302 ROHR_T1	2	3	1	1.05	1.17	0.12	0.03	0.1	0	0	0	0	0	0
5/6/2023 0:34	40502 CRES_T2	0	0	0	0	0	0	0.37	0.37	0	0	0	0	0	0
5/6/2023 0:38	56802 BENV_T2	0	0	0	0	0	0	-1.5	-1.55	0	0	0	0	0	0
5/6/2023 0:41	48902 FOSP_T2	0	0	0	0	0	0	-0.33	-0.37	0	0	0	0	0	0
5/6/2023 0:42	54001 SDLE_T1	1	1	0	0.6	0.7	0.1	0	0	1	1	0	600	600	0
5/6/2023 0:42	45901 AUBU_T1	0	0	0	0	0	0	0.85	0.87	0	0	0	0	0	0
5/6/2023 0:45	65004 NEFF_T2	0	0	0	0	0	0	-0.58	-0.59	0	0	0	0	0	0
5/6/2023 0:53	48901 FOSP_T2	0	0	0	0	0	0	-0.49	-0.5	1	1	0	600	600	0
5/6/2023 0:57	56802 BENV_T2	0	0	0	0	0	0	-1.55	-1.56	0	0	0	0	0	0
5/6/2023 1:01	66703 STRA_T1	4	5	1	0.23	0.28	0.05	-0.48	-0.55	0	0	0	0	0	0
5/6/2023 1:02	52502 PROG_T2	0	0	0	0	0	0	-0.82	-0.82	1	1	0	900	900	0
5/6/2023 1:02	58402 MORO_T1	0	0	0	0	0	0	-0.7	-0.72	1	1	0	600	600	0
5/6/2023 1:04	52502 PROG_T2	0	0	0	0	0	0	-0.82	-0.82	1	1	0	900	900	0
5/6/2023 1:06	61303 EARL_T1	0	0	0	0	0	0	-0.18	-0.14	0	0	0	0	0	0
5/6/2023 1:08	56801 BENV_T1	20	20	0	0.41	0.39	-0.02	-0.9	-0.89	1	1	0	600	600	0
5/6/2023 1:09	56801 BENV_T1	20	20	0	0.41	0.39	-0.02	-0.9	-0.89	1	1	0	600	600	0
5/6/2023 1:16	56801 BENV_T1	20	22	2	0.32	0.42	0.1	-0.9	-0.89	1	1	0	600	600	0
5/6/2023 1:16	64305 LINC_T1	1	2	1	0.2	0.2	0	0	0	0	0	0	0	0	0
5/6/2023 1:17	56802 BENV_T2	0	0	0	0	0	0	-1.56	-1.52	0	0	0	0	0	0
5/6/2023 1:24	54001 SDLE_T1	1	1	0	0.2	0.3	0.1	0	0	1	1	0	600	600	0
5/6/2023 1:25	45901 AUBU_T1	0	0	0	0	0	0	0.88	0.87	0	0	0	0	0	0
5/6/2023 1:33	56802 BENV_T2	0	0	0	0	0	0	-3.04	-3	0	0	0	0	0	0
5/6/2023 1:34	48902 FOSP_T2	0	0	0	0	0	0	-0.36	-0.38	0	0	0	0	0	0
5/6/2023 1:35	65004 NEFF_T2	0	0	0	0	0	0	-0.6	-0.58	0	0	0	0	0	0
5/6/2023 1:41	48902 FOSP_T2	0	0	0	0	0	0	-0.36	-0.38	0	0	0	0	0	0
5/6/2023 1:59	57601 RUTH_T2	0	0	0	0	0	0	-0.57	-0.57	1	1	0	900	900	0
5/6/2023 2:02	66703 STRA_T1	23	178	155	0.23	0.23	0	-0.53	-0.53	0	0	0	0	0	0
5/6/2023 2:03	56802 BENV_T2	0	0	0	0	0	0	-1.53	-1.54	0	0	0	0	0	0
5/6/2023 2:10	58402 MORO_T1	0	0	0	0	0	0	-0.71	-0.66	1	1	0	600	600	0
5/6/2023 2:13	56801 BENV_T1	24	24	0	0.51	0.45	-0.06	-2.67	-2.67	3	3	0	1800	1800	0
5/6/2023 2:17	56802 BENV_T2	0	0	0	0	0	0	-3.08	-3.1	0	0	0	0	0	0
5/6/2023 2:25	57602 RUTH_T2	0	2	2	0	0.2	0.2	0	0	0	0	0	0	0	0
5/6/2023 2:30	67503 WEWI_T2	0	0	0	0	0	0	-0.54	-0.53	0	0	0	0	0	0
5/6/2023 2:31	45303 WBER_T2	2	6	4	0.15	0.15	0	-0.52	-0.53	0	0	0	0	0	0
5/6/2023 2:36	42201 SHEN_T2	0	0	0	0	0	0	0.26	0.26	0	0	0	0	0	0
5/6/2023 2:37	65003 NEFF_T2	3	5	2	0.23	0.2	-0.03	0	0	0	0	0	0	0	0
5/6/2023 2:39	67503 WEWI_T2	0	0	0	0	0	0	-0.53	-0.53	0	0	0	0	0	0
5/6/2023 2:40	45303 WBER_T2	2	6	4	0.15	0.15	0	-0.53	-0.51	0	0	0	0	0	0
5/6/2023 2:40	65604 QVIL_T2	2	0	-2	0.15	0	-0.15	0.14	0.15	0	0	0	0	0	0
5/6/2023 2:43	42201 SHEN_T2	0	0	0	0	0	0	0.26	0.26	0	0	0	0	0	0
5/6/2023 2:48	65604 QVIL_T2	0	0	0	0	0	0	0.14	0.15	0	0	0	0	0	0
5/6/2023 2:53	14801 TREI_T2	0	0	0	0	0	0	0.19	0.19	0	0	0	0	0	0
5/6/2023 2:54	47401 PENS_T1	0	0	0	0	0	0	0.48	0.49	0	0	0	0	0	0
5/6/2023 3:00	57602 RUTH_T2	2	0	-2	0.2	0	-0.2	0	0	0	0	0	0	0	0
5/6/2023 3:07	47401 PENS_T1	0	0	0	0	0	0	0.49	0.46	0	0	0	0	0	0
5/6/2023 3:09	20801 LOPO_T1	0	0	0	0	0	0	0.09	0.08	0	0	0	0	0	0
5/6/2023 3:09	47802 MOCA_T2	0	0	0	0	0	0	-1.13	-1.11	0	0	0	0	0	0
5/6/2023 3:10	47802 MOCA_T2	0	0	0	0	0	0	-1.13	-1.11	0	0	0	0	0	0
5/6/2023 3:14	20801 LOPO_T1	0	0	0	0	0	0	0.09	0.08	0	0	0	0	0	0
5/6/2023 3:22	58402 MORO_T1	0	0	0	0	0	0	-0.66	-0.7	1	1	0	600	600	0
5/6/2023 4:29	56801 BENV_T1	11	15	4	0.15	0.32	0.17	-0.86	-0.84	1	1	0	600	600	0
5/6/2023 4:34	47401 PENS_T1	0	0	0	0	0	0	0.51	0.53	0	0	0	0	0	0
5/6/2023 4:38	56802 BENV_T2	1	1	0	0.4	0.3	-0.1	-1.49	-1.51	0	0	0	0	0	0
5/6/2023 4:40	65604 QVIL_T2	10	13	3	2	0	-2	0.17	0.19	0	0	0	0	0	0
5/6/2023 4:41	66703 STRA_T1	68	63	-5	0.21	0.19	-0.02	-0.55	-0.52	0	0	0	0	0	0
5/6/2023 4:46	47802 MOCA_T2	0	0	0	0	0	0	-1.11	-1.11	0	0	0	0	0	0
5/6/2023 4:48	56801 BENV_T1	10	2	-8	0.18	0.15	-0.03	-0.84	-0.85	1	1	0	600	600	0
5/6/2023 4:49	20801 LOPO_T1	0	0	0	0	0	0	0.09	0.09	0	0	0	0	0	0
5/6/2023 4:50	67503 WEWI_T2	0	1	1	0	0	0	-0.5	-0.47	0	0	0	0	0	0
5/6/2023 4:51	45303 WBER_T2	8	6	-2	0.3	0.23	-0.07	-0.47	-0.42	0	0	0	0	0	0
5/6/2023 4:53	56802 BENV_T2	1	1	0	0.3	0.2	-0.1	-3.02	-3	0	0	0	0	0	0
5/6/2023 4:56	56801 BENV_T1	10	2	-8	0.18	0.15	-0.03	-0.85	-0.82	1	1	0	600	600	0
5/6/2023 4:56	42201 SHEN_T2	0	0	0	0	0	0	0.28	0.29	0	0	0	0	0	0
5/6/2023 4:57	56802 BENV_T2	1	1	0	0.3	0.2	-0.1	-1.51	-1.5	0	0	0	0	0	0
5/6/2023 4:58	56801 BENV_T1	10	2	-8	0.18	0.15	-0.03	-0.85	-0.82	1	1	0	600	600	0
5/6/2023 5:02	45901 AUBU_T1	0	0	0	0	0	0	0.91	0.89	0	0	0	0	0	0
5/6/2023 5:33	28604 BLYT_T2	0	0	0	0	0	0	-1.46	-1.45	0	0	0	0	0	0
5/6/2023 6:16	65001 NEFF_T2	0	4	4	0	0.1	0.1	-0.18	-1.4	1	1	0	1200	1200	0
5/6/2023 6:32	65001 NEFF_T2	4	0	-4	0.1	0	-0.1	-1.4	-1.45	1	1	0	1200	1200	0
5/6/2023 6:36	65001 NEFF_T2	4	0	-4	0.1	0	-0.1	-1.45	-1.42	1	1	0	1200	1200	0
5/6/2023 9:13	26401 INOR_T1	1	4	3	0	0.33	0.33	0	0	0	0	0	0	0	0
5/6/2023 9:49	65402 MARI_T1	35	34	-1	0.13	0.15	0.02	0	0	0	0	0	0	0	0
5/6/2023 10:00	48902 FOSP_T2	0	0	0	0	0	0	-0.2	-0.29	0	0	0	0	0	0
5/6/2023 10:00	20403 ASHF_T2	10	21	11	0.55	0.55	0	0.04	0.05	0	0	0	0	0	0
5/6/2023 10:00	66701 STRA_T1	1	8	7	1.4	1.4	0	0	0	0	0	0	0	0	0
5/6/2023 10:00	65001 NEFF_T2	1	4	3	0.1	0.13	0.03	-2.74	-2.84	2	2	0	2400	2400	0
5/6/2023 10:00	65604 QVIL_T2	15	27	12	2.21	0	-2.21	0.23	0.24	0	0	0	0	0	0
5/6/2023 10:00	67605 WARW_T1	1	2	1	0.9	0.7	-0.2	0	0	0	0	0	0	0	0
5/6/2023 10:00	65004 NEFF_T2	1	1	0	0.1	0.1	0	-0.53	-0.52	0	0	0	0	0	0
5/6/2023 10:00	67502 WEWI_T2	9	30	21	0.79	0.2	-0.59	-0.51	-0.48	0	0	0	0	0	0
5/6/2023 10:00	24104 EHAZ_T1	0	0	0	0	0	0	-0.97	-0.98	1	1	0	1200	1200	0
5/6/2023 10:00	42201 SHEN_T2	0	0	0	0	0	0	0.31	0.31	0	0	0	0	0	0
5/6/2023 10:00	44901 SCOT_T2	0	0	0	0	0	0	-0.24	-0.07	0	0	0	0	0	0
5/6/2023 10:00	45901 AUBU_T1	0	0	0	0	0	0	1.81	1.95	0	0	0	0	0	0
5/6/2023 10:00	53501 EVIL_T2	7	6	-1	0.71	0.68	-0.03	-0.3	-0.32	0	0	0	0	0	0
5/6/2023 10:00	52502 PROG_T2	1	3	2	0.1	0.2	0.1	-0.71	-0.71	1	1	0	900	900	0
5/6/2023 10:00	12601 MACA_T1	0	1	1	0	1	1	0	0	0	0	0	0	0	0
5/6/2023 10:00	41502 FAIR_T2	0	0	0	0	0	0	-1.69	-1.69	1	1	0	900	900	0
5/6/2023 10:00	41801 GOCI_T2	236	295	59	0.81	0.86	0.05	0	0	0	0	0	0	0	0
5/6/2023 10:00	67503 WEWI_T2	0	0	0	0	0	0	-0.86	-0.86	0	0	0	0	0	0
5/6/2023 10:00	61303 EARL_T1	0	0	0	0	0	0	0.02	0.02	0	0	0	0	0	0
5/6/2023 10:00	28602 BLYT_T2	0	0	0	0	0	0	0	0.03	0	0	0	0	0	0
5/6/2023 10:00	65401 MARI_T1	12	55	43	0.21	0.15	-0.06	-0.15	-0.14	0	0	0	0	0	0
5/6/2023 10:00	67204 TEHI_T2	2	2	0	0.6	0.8	0.2	-0.65	-0.63	0	0	0	0	0	0
5/6/2023 10:00	40502 CRES_T2	1	7	6	0.1	0.17	0.07	-0.08	-0.12	0	0	0	0	0	0
5/6/2023 10:00	58402 MORO_T1	0	0	0	0	0	0	-1.63	-1.6	2	2	0	1500	1500	0
5/6/2023 10:00	61802 EELI_T2	0	1	1	0	0.2	0.2	0	0	0	0	0	0	0	0
5/6/2023 10:00	46302 ROHR_T1	3	4	1	0.3	0.93	0.63	0.13	0.12	0	0	0	0	0	0
5/6/2023 10:00	47802 MOCA_T2	2	2	0	0.5	0.8	0.3	-1.08	-1.04	0	0	0	0	0	0
5/6/2023 10:00	64303 LINC_T1	0	0	0	0	0	0	-0.22	-0.25	0	0	0	0	0	0
5/6/2023 10:00	16301 ALPA_T1	0	1	1	0	0.1	0.1	-0.42	-0.36	0	0	0	0	0	0
5/6/2023 10:00	42701 AUGU_T1	2	4	2	0.85	0.75	-0.1	0	0	6	6	0	5400	5400	0
5/6/2023 10:00	48902 FOSP_T2	0	0	0	0	0	0	-0.2	-0.29	0	0	0	0	0	0
5/6/2023 10:00	46002 BERW_T2	1	1	0	0.6	0.8	0.2	0	0	0	0	0	0	0	0
5/6/2023

Appendix C - Grid Benefits Achieved in Each Instance of Active Management

5/6/2023 12:44	54001 SDLE_T1	3	7	4	0.67	0.67	0	0	0	1	1	0	600	600	0
5/6/2023 12:45	40901 JESH_T1	1	1	0	0.2	0.4	0.2	0	0	0	0	0	0	0	0
5/6/2023 12:45	65401 MARI_T1	449	421	-28	0.21	0.19	-0.02	-0.1	-0.12	0	0	0	0	0	0
5/6/2023 12:48	65602 QVIL_T2	8	11	3	1.75	0	-1.75	0	0	0	0	0	0	0	0
5/6/2023 12:57	45902 AUBU_T1	2	4	2	0.5	0.35	-0.15	0	0	0	0	0	0	0	0
5/6/2023 13:05	61302 EARL_T1	5	5	0	0.34	0.38	0.04	0	0	0	0	0	0	0	0
5/6/2023 13:17	61304 EARL_T1	4	3	-1	0.93	0.37	-0.56	0	0	0	0	0	0	0	0
5/6/2023 13:17	60604 NCOL_T2	1	1	0	0.3	0.5	0.2	0	0	0	0	0	0	0	0
5/6/2023 13:27	63802 HEMP_T1	213	188	-25	0.22	0.18	-0.04	-0.45	-0.47	0	0	0	0	0	0
5/6/2023 13:30	42801 SELI_T1	1	1	0	0.3	0.3	0	0	0	0	0	0	0	0	0
5/6/2023 13:35	59101 WALK_T2	0	0	0	0	0	0	1.18	1.22	0	0	0	0	0	0
5/6/2023 13:42	63802 HEMP_T1	167	160	-7	0.19	0.18	-0.01	-0.47	-0.48	0	0	0	0	0	0
5/6/2023 13:50	67505 WEWI_T1	2	1	-1	0.35	0.5	0.15	0	0	0	0	0	0	0	0
5/6/2023 14:01	65401 MARI_T1	203	102	-101	0.17	0.18	0.01	-0.1	-0.11	0	0	0	0	0	0
5/6/2023 14:12	59101 WALK_T2	0	0	0	0	0	0	1.19	1.21	0	0	0	0	0	0
5/6/2023 14:25	48902 FOSP_T2	1	1	0	0.3	0.3	0	-0.27	-0.31	0	0	0	0	0	0
5/6/2023 14:31	46206 DANV_T2	0	0	0	0	0	0	-0.93	-0.95	1	1	0	1200	1200	0
5/6/2023 14:31	65402 MARI_T1	6	50	44	0.47	0.19	-0.28	0	0	0	0	0	0	0	0
5/6/2023 14:34	48902 FOSP_T2	1	1	0	0.1	0.3	0.2	-0.31	-0.29	0	0	0	0	0	0
5/6/2023 14:41	44504 HAMI_T2	0	2	2	0	0.3	0.3	0	0	0	0	0	0	0	0
5/6/2023 14:45	67502 WEWI_T2	7	7	0	0.34	0.44	0.1	-0.42	-0.51	0	0	0	0	0	0
5/6/2023 14:45	61302 EARL_T1	3	3	0	0.33	0.27	-0.06	0	0	0	0	0	0	0	0
5/6/2023 14:52	14402 SSLA_T1	2	2	0	0.8	0.65	-0.15	0	0	0	0	0	0	0	0
5/6/2023 14:52	53501 EVIL_T2	20	21	1	0.37	0.54	0.17	-0.67	-0.7	0	0	0	0	0	0
5/6/2023 14:55	16902 MECK_T1	1	1	0	0.1	0.2	0.1	0	0	0	0	0	0	0	0
5/6/2023 14:59	14401 SSLA_T1	3	3	0	1.13	0.77	-0.36	0	0	0	0	0	0	0	0
5/6/2023 15:10	57601 RUTH_T2	1	1	0	0.5	0.4	-0.1	0	0	0	0	0	0	0	0
5/6/2023 15:16	16901 MECK_T1	0	1	1	0	0.2	0.2	0	0	0	0	0	0	0	0
5/6/2023 15:24	45901 AUBU_T1	1	1	0	0.3	0.2	-0.1	0	0	0	0	0	0	0	0
5/6/2023 15:36	57601 RUTH_T2	0	0	0	0	0	0	-0.34	-0.37	1	1	0	900	900	0
5/6/2023 15:53	46602 LACR_T1	2	0	-2	0.3	0	-0.3	-1.19	-1.16	0	0	0	0	0	0
5/6/2023 16:00	42802 SELI_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
5/6/2023 16:16	52502 PROG_T2	0	0	0	0	0	0	-0.63	-0.62	1	1	0	900	900	0
5/6/2023 16:34	54001 SDLE_T1	2	2	0	0.75	0.75	0	0	0	1	1	0	600	600	0
5/6/2023 16:40	65402 MARI_T1	2	2	0	0.25	0.2	-0.05	0	0	0	0	0	0	0	0
5/6/2023 16:46	46602 LACR_T1	0	0	0	0	0	0	-1.17	-1.2	0	0	0	0	0	0
5/6/2023 17:05	51604 DUKE_T2	0	0	0	0	0	0	-1.61	-1.61	1	1	0	900	900	0
5/6/2023 17:20	44901 SCOT_T2	0	0	0	0	0	0	-0.3	-0.35	0	0	0	0	0	0
5/6/2023 17:50	65401 MARI_T1	0	0	0	0	0	0	-0.03	-0.08	0	0	0	0	0	0
5/6/2023 19:41	56801 BENV_T1	15	21	6	0.39	0.4	0.01	-0.81	-0.82	1	1	0	600	600	0
5/6/2023 20:12	14403 SSLA_T1	0	0	0	0	0	0	0.66	0.67	0	0	0	0	0	0
5/6/2023 20:13	52502 PROG_T2	0	0	0	0	0	0	-0.68	-0.68	1	1	0	900	900	0
5/6/2023 20:14	45303 WBER_T2	5	3	-2	0.2	0.13	-0.07	-0.38	-0.41	0	0	0	0	0	0
5/6/2023 20:17	53501 EVIL_T2	10	11	1	0.32	0.36	0.04	-0.8	-0.83	0	0	0	0	0	0
5/6/2023 20:21	53501 EVIL_T2	10	11	1	0.32	0.36	0.04	-0.83	-0.83	0	0	0	0	0	0
5/6/2023 20:21	47401 PENS_T1	0	0	0	0	0	0	0.77	0.72	0	0	0	0	0	0
5/6/2023 20:22	42701 AUGU_T1	0	0	0	0	0	0	0	0	1	1	0	600	600	0
5/6/2023 20:24	20401 ASHF_T2	46	57	11	0.24	0.23	-0.01	0	0	0	0	0	0	0	0
5/6/2023 20:26	53501 EVIL_T2	10	11	1	0.32	0.36	0.04	-0.83	-0.83	0	0	0	0	0	0
5/6/2023 20:29	42701 AUGU_T1	0	0	0	0	0	0	0	0	1	1	0	600	600	0
5/6/2023 20:29	52502 PROG_T2	0	0	0	0	0	0	-0.68	-0.7	1	1	0	900	900	0
5/6/2023 20:33	48902 FOSP_T2	0	0	0	0	0	0	-0.29	-0.26	0	0	0	0	0	0
5/6/2023 20:43	48902 FOSP_T2	0	0	0	0	0	0	-0.26	-0.31	0	0	0	0	0	0
5/6/2023 21:01	26402 INOR_T1	0	1	1	0	0.1	0.1	-0.48	-0.51	0	0	0	0	0	0
5/6/2023 21:02	67502 WEWI_T2	0	0	0	0	0	0	-0.56	-0.55	0	0	0	0	0	0
5/6/2023 21:04	47401 PENS_T1	0	0	0	0	0	0	0.76	0.72	0	0	0	0	0	0
5/6/2023 21:16	16301 ALPA_T1	1	1	0	0.2	0.3	0.1	-0.36	-0.39	0	0	0	0	0	0
5/6/2023 21:17	20801 LOPO_T1	0	0	0	0	0	0	0.09	0.09	0	0	0	0	0	0
5/6/2023 21:28	67501 WEWI_T1	0	0	0	0	0	0	-1.24	-1.31	1	1	0	600	600	0
5/6/2023 23:02	45902 AUBU_T1	369	497	128	0.26	0.34	0.08	-0.78	-0.8	0	0	0	0	0	0
5/6/2023 23:43	44901 SCOT_T2	0	0	0	0	0	0	-0.6	-0.38	0	0	0	0	0	0
5/6/2023 23:55	52502 PROG_T2	0	0	0	0	0	0	-0.84	-0.85	1	1	0	900	900	0
5/7/2023 0:12	56802 BENV_T2	20	0	-20	0.11	0	-0.11	-0.83	-0.88	0	0	0	0	0	0
5/7/2023 0:12	54001 SDLE_T1	6	1	-5	0.72	0.5	-0.22	0	0	1	1	0	600	600	0
5/7/2023 0:24	65401 MARI_T1	507	1161	654	0.17	0.36	0.19	-0.27	-0.26	0	0	0	0	0	0
5/7/2023 0:28	40901 JESH_T1	1	1	0	0.4	0.2	-0.2	0	0	0	0	0	0	0	0
5/7/2023 0:28	44901 SCOT_T2	0	0	0	0	0	0	-0.28	-0.29	0	0	0	0	0	0
5/7/2023 0:28	52502 PROG_T2	0	0	0	0	0	0	-1.78	-1.69	2	2	0	1800	1800	0
5/7/2023 0:28	58402 MORO_T1	0	0	0	0	0	0	-1.68	-1.68	2	2	0	1500	1500	0
5/7/2023 0:28	42802 SELI_T1	0	0	0	0	0	0	-0.39	-0.38	0	0	0	0	0	0
5/7/2023 0:28	53501 EVIL_T2	20	20	0	1.3	1.33	0.03	-0.92	-0.93	0	0	0	0	0	0
5/7/2023 0:28	51604 DUKE_T2	0	0	0	0	0	0	-1.78	-1.79	1	1	0	900	900	0
5/7/2023 0:28	44502 HAMI_T2	1	1	0	3	3	0	-1.13	-1.11	0	0	0	0	0	0
5/7/2023 0:28	65402 MARI_T1	68	465	397	0.18	0.25	0.07	0	0	0	0	0	0	0	0
5/7/2023 0:28	26401 INOR_T1	40	134	94	0.2	0.3	0.1	0	0	0	0	0	0	0	0
5/7/2023 0:28	47401 PENS_T1	0	0	0	0	0	0	0.97	0.93	0	0	0	0	0	0
5/7/2023 0:28	61303 EARL_T1	0	0	0	0	0	0	-0.15	-0.16	0	0	0	0	0	0
5/7/2023 0:28	63804 HEMP_T1	5	7	2	1.2	1	-0.2	0	0	0	0	0	0	0	0
5/7/2023 0:28	16301 ALPA_T1	0	1	1	0	0.2	0.2	-0.55	-0.55	0	0	0	0	0	0
5/7/2023 0:28	42701 AUGU_T1	0	1	1	0	1.1	1.1	0	0	2	4	2	1200	3600	2400
5/7/2023 0:28	67502 WEWI_T2	0	0	0	0	0	0	-0.72	-0.73	0	0	0	0	0	0
5/7/2023 0:28	46206 DANV_T2	0	0	0	0	0	0	-0.12	-0.08	1	1	0	1200	1200	0
5/7/2023 0:28	56802 BENV_T2	0	0	0	0	0	0	-0.88	-0.84	0	0	0	0	0	0
5/7/2023 0:36	16301 ALPA_T1	0	1	1	0	0.3	0.3	-0.55	-0.55	0	0	0	0	0	0
5/7/2023 0:55	65402 MARI_T1	465	540	75	0.25	0.36	0.11	0	0	0	0	0	0	0	0
5/7/2023 0:58	63803 HEMP_T1	166	221	55	0.3	0.3	0	0	0	0	0	0	0	0	0
5/7/2023 1:12	45902 AUBU_T1	51	92	41	0.22	0.21	-0.01	0	0	0	0	0	0	0	0
5/7/2023 1:20	16901 MECK_T1	3	1	-2	0.13	0.2	0.07	0	0	0	0	0	0	0	0
5/7/2023 1:21	65602 QVIL_T2	46	46	0	1.26	1.28	0.02	0	0	0	0	0	0	0	0
5/7/2023 1:31	45902 AUBU_T1	75	101	26	0.22	0.2	-0.02	0	0	0	0	0	0	0	0
5/7/2023 1:32	65603 QVIL_T2	1	0	-1	1.1	0	-1.1	-0.7	-0.72	0	0	0	0	0	0
5/7/2023 1:33	59101 WALK_T2	0	0	0	0	0	0	1.05	1.03	0	0	0	0	0	0
5/7/2023 1:42	51604 DUKE_T2	0	0	0	0	0	0	-1.81	-1.81	1	1	0	900	900	0
5/7/2023 1:46	59101 WALK_T2	0	0	0	0	0	0	1.01	1.03	0	0	0	0	0	0
5/7/2023 1:46	44901 SCOT_T2	0	0	0	0	0	0	-0.66	-0.68	0	0	0	0	0	0
5/7/2023 1:52	45902 AUBU_T1	97	96	-1	0.2	0.19	-0.01	0	0	0	0	0	0	0	0
5/7/2023 1:56	46302 ROHR_T1	3	3	0	0.47	0.5	0.03	0	0	0	0	0	0	0	0
5/7/2023 1:59	59101 WALK_T2	0	0	0	0	0	0	1.03	1.05	0	0	0	0	0	0
5/7/2023 2:05	56801 BENV_T1	18	18	0	0.61	0.75	0.14	-0.96	-0.97	1	1	0	600	600	0
5/7/2023 2:06	44901 SCOT_T2	0	0	0	0	0	0	-0.69	-0.71	0	0	0	0	0	0
5/7/2023 2:06	56801 BENV_T1	18	18	0	0.61	0.75	0.14	-0.96	-0.97	1	1	0	600	600	0
5/7/2023 2:13	46302 ROHR_T1	1	3	2	1.3	0.73	-0.57	0	0	0	0	0	0	0	0
5/7/2023 2:15	59101 WALK_T2	0	0	0	0	0	0	1.05	1.05	0	0	0	0	0	0
5/7/2023 2:18	56801 BENV_T1	18	18	0	0.72	0.68	-0.04	-0.96	-0.97	1	1	0	600	600	0
5/7/2023 2:22	56801 BENV_T1	18	18	0	0.72	0.68	-0.04	-1.94	-1.96	2	2	0	1200	1200	0
5/7/2023 2:22	42701 AUGU_T1	1	1	0	1.5	1.5	0	0	0	2	2	0	1800	1800	0
5/7/2023 2:24	56801 BENV_T1	18	18	0	0.72	0.68	-0.04	-0.97	-0.98	1	1	0	600	600	0
5/7/2023 2:29	42701 AUGU_T1	1	1	0	1.5	1.5	0	0	0	2	2	0	1800	1800	0
5/7/2023 2:34	45502 DERR_T2	0	0	0	0	0	0	-0.65	-0.65	0	0	0	0	0	0
5/7/2023 2:38	42701 AUGU_T1	1	1	0	1.4	1.6	0.2	0	0	2	2	0	1800	1800	0
5/7/2023 2:39	42701 AUGU_T1	1	1	0	1.4	1.6	0.2	0	0	2	2	0	1800	1800	0
5/7/2023 2:39	45501 DERR_T2	1	1	0	0.2	0.6	0.4	0	0	0	0	0	0	0	0
5/7/2023 2:43	65602 QVIL_T2	46	46	0	1.34	1.41	0.07	0	0	0	0	0	0	0	0
5/7/2023 2:49	42701 AUGU_T1	1	1	0	1.5	1.6	0.1	0	0	2	2	0	1800	1800	0
5/7/2023 2:53	14401 SSLA_T1	0	1	1	0	0	0	0	0	0	0	0	0	0	0
5/7/2023 2:58	56801 BENV_T1	17	23	6	0.55	0.51	-0.04	-0.95	-0.94	1	1	0	600	600	0
5/7/2023 2:59	65604 QVIL_T2	0	0	0	0	0	0	0.12	0.11	0	0	0	0	0	0
5/7/2023 3:01	29402 BELT_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
5/7/2023 3:01	26401 INOR_T1	116	132	16	0.29	0.4	0.11	0	0	0	0	0	0	0	0
5/7/2023 3:04	47401 PENS_T1	0	0	0	0	0	0	0.48	0.43	0	0	0	0	0	0
5/7/2023 3:06	14403 SSLA_T1	0	0	0	0	0	0	0.45	0.49	0	0	0	0	0	0
5/7/2023 3:09	29402 BELT_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
5/7/2023 3:13	57602 RUTH_T2	0	0	0	0	0	0	-0.15	-0.14	0	0	0	0	0	0
5/7/2023 3:17	26401 INOR_T1	131	121	-10	0.4	0.35	-0.05	0	0	0	0	0	0	0	0
5/7/2023 3:19	47402 PENS_T1	1	0	-1	0.2	0	-0.2	0	0	0	0	0	0	0	0
5/7/2023 3:21	57602 RUTH_T2	0	0	0	0	0	0	-0.14	-0.15	0	0	0	0	0	0
5/7/2023 3:22	67502 WEWI_T2	0	0	0	0	0	0	-0.75	-0.74	0	0	0	0	0	0
5/7/2023 3:24	67502 WEWI_T2	0	0	0	0	0	0	-0.75	-0.74	0	0	0	0	0	0
5/7/2023 3:24	47401 PENS_T1	0	0	0	0	0	0	0.43	0.49	0	0	0	0	0	0
5/7/2023 3:26	56801 BENV_T1	18	18	0	0.61	0.58	-0.03	-0.95	-0.95	1	1	0	600	600	0
5/7/2023 3:41	29402 BELT_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
5/7/2023 3:42	42701 AUGU_T1	1	1	0	1.5	1.5	0	0	0	2	2	0	1800	1800	0
5/7/2023 3:43	44901 SCOT_T2	0	0	0	0	0	0	-0.68	-0.68	0	0	0	0	0	0
5/7/2023 3:43	65602 QVIL_T2	46	46	0	1.28	1.31	0.03	0	0	0	0	0	0	0	0
5/7/2023 3:52	56802 BENV_T2	0	0	0	0	0	0	-0.89	-0.89	0	0	0	0	0	0
5/7/2023 3:53	57602 RUTH_T2	0	0	0	0	0	0	-0.14	-0.11	0	0	0	0	0	0
5/7/2023 3:53	14403 SSLA_T1	0	0	0	0	0	0	0.47	0.47	0	0	0	0	0	0
5/7/2023 3:54	45502 DERR_T2	0	0	0	0	0	0	-0.64	-0.63	0	0	0	0	0	0
5/7/2023 3:56	46302 ROHR_T1	3	3	0	0.63	1.1	0.47	0.03	0.06	0	0	0	0	0	0
5/7/2023 4:01	65603 QVIL_T2	0	0	0	0	0	0	-0.73	-0.7	0	0	0	0	0	0
5/7/2023 4:02	67502 WEWI_T2	0	0	0	0	0	0	-0.73	-0.63	0	0	0	0	0	0
5/7/2023 4:04	65401 MARI_T1	1082	1012	-70	0.28	0.23	-0.05	-0.28	-0.28	0	0	0	0	0	0
5/7/2023 4:05	56801 BENV_T1	18	17	-1	0.56	0.49	-0.07	-0.94	-0.94	1	1	0	600	600	0
5/7/2023 4:06	44901 SCOT_T2	0	0	0	0	0	0	-0.69	-0.66	0	0	0	0	0	0
5/7/2023 4:13	59101 WALK_T2	0	0	0	0	0	0	1.02	1.2	0	0	0	0	0	0
5/7/2023 4:19	59101 WALK_T2	0	0	0	0	0	0	1.2	1.04	0	0	0	0	0	0
5/7/2023 4:21	26401 INOR_T1	81	4	-77	0.17	0.1	-0.07	0	0	0	0	0	0	0	0
5/7/2023 8:43	57602 RUTH_T2	2	0	-2	0.1	0	-0.1	-0.04	-0.04	0	0	0	0	0	0
5/7/2023 8:45	57602 RUTH_T2	0	0	0	0	0	0	-0.04	-0.04	0	0	0	0	0	0
5/7/2023 9:48	16302 ALPA_T2	1	4	3	0.4	0.48	0.08	0.38	-0.94	0	0	0	0	0	0
5/7/2023 10:00	45502 DERR_T2	0	0	0	0	0	0	-0.62	-0.62	0	0	0	0	0	0
5/7/2023 10:00	65003 NEFF_T2	1	2	1	0.7	0.5	-0.2	0	0	0	0	0	0	0	0
5/7/2023 10:00	14403 SSLA_T1	1	1	0	0.3	0.5	0.2	0.59	0.65	0	0	0	0	0	0
5/7/2023 10:00	12605 MACA_T1	1	1	0	0.3	0.3	0	0	0	0	0	0	0	0	0
5/7/2023 10:00	28604 BLYT_T2	1	3	2	0.3	0.23	-0.07	-1.44	-1.41	0	0	0	0	0	0
5/7/2023 10:00	65401 MARI_T1	1	1	0	0.1	0.1	0	-1.17	-1.05	0	0	0	0	0	0
5/7/2023 10:00	45901 AUBU_T1	1	1	0	0.3	0.2	-0.1	1.9	1.84	0	0	0	0	0	0
5/7/2023 10:00	61303 EARL_T1	0	0	0	0	0	0	-0.05	-0.04	0	0	0	0	0	0
5/7/2023 10:00	65604 QVIL_T2	0	0	0	0	0	0	0.26	0.24	0	0	0	0	0	0
5/7/2023 10:00	53501 EVIL_T2	20	21	1	1.06	1.06	0	-1.27	-1.27	0	0	0	0	0	0
5/7/2023 10:00	58402 MORO_T1	0	0	0	0	0	0	-1.67	-1.71	2	2	0	1500	1500	0
5/7/2023 10:00	41502 FAIR_T2	0	0	0	0	0	0	-1.7	-1.69	1	1	0	900	900	0
5/7/2023 10:00	65001 NEFF_T2	5	3	-2	0.12	0.13	0.01	-1.51	-1.52	1	1	0	1200	1200	0
5/7/2023 10:00	44901 SCOT_T2	0	0	0	0	0	0	-1.08	-1.03	0	0	0	0	0	0
5/7/2023 10:00	52502 PROG_T2	0	0	0	0	0	0	-3.06	-3.06	4	4	0	3600	3600	0
5/7/2023 10:00	63803 HEMP_T1	1	2	1	0.2	0.2	0	0	0	0	0	0	0	0	0
5/7/2023 10:00	51604 DUKE_T2	0	0	0	0	0	0	-3.47	-3.43	2	2	0	1800	1800	0
5/7/2023 10:00	47403 PENS_T1	0	1	1	0	0.1	0.1	0	0	0	0	0	0	0	0
5/7/2023 10:00	67605 WARW_T1	2	1	-1	0.35	0.9	0.55	0	0	0	0	0	0	0	0
5/7/2023 10:00	65604 QVIL_T2	0	0	0	0	0	0	0.26	0.24	0	0	0	0	0	0
5/7/2023 10:00	29402 BELT_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
5/7/2023 10:00	26402 INOR_T1	3	1	-2	0.7	0.5	-0.2	-0.49	-0.48	0	0	0	0	0	0
5/7/2023 10:00	46002 BERW_T2	1	2	1	0.7	0.5	-0.2	0	0	0	0	0	0	0	0
5/7/2023 10:00	57602 RUTH_T2	0	0	0	0	0	0	-0.03	0.03	0	0	0	0	0	0
5/7/2023 10:00	52502 PROG_T2	0	0	0	0	0	0	-3.06	-3.06	4	4	0	3600	3600	0
5/7/2023 10:00	20401 ASHF_T2	53	73	20	0.28	0.31	0.03	0	0	0	0	0	0	0	0
5/7/2023 10:00	60605 NCOL_T2	0	0	0	0	0	0	-0.55	-0.55	0	0	0	0	0	0
5/7/2023 10:00	64801 MONE_T2	0	1	1	0	0.2	0.2	0.18	0.18	0	0	0	0	0	0
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Appendix C - Grid Benefits Achieved in Each Instance of Active Management

5/7/2023 12:46	61302 EARL_T1	2	2	0	0.55	0.6	0.05	0	0	0	0	0	0	0	0
5/7/2023 12:58	61303 EARL_T1	0	0	0	0	0	0	0.06	0.11	0	0	0	0	0	0
5/7/2023 13:23	46302 ROHR_T1	1	3	2	1	0.73	-0.27	0.13	0.12	0	0	0	0	0	0
5/7/2023 13:24	42802 SELI_T1	0	0	0	0	0	0	0.02	0.03	0	0	0	0	0	0
5/7/2023 13:34	42802 SELI_T1	0	0	0	0	0	0	0.03	-0.03	0	0	0	0	0	0
5/7/2023 13:37	60801 BUCK_T1	0	7	7	0	0.11	0.11	0	0	0	0	0	0	0	0
5/7/2023 13:39	46506 LOHA_T1	1	1	0	0.5	0.8	0.3	-0.54	-0.54	0	0	0	0	0	0
5/7/2023 13:41	60801 BUCK_T1	0	7	7	0	0.11	0.11	0	0	0	0	0	0	0	0
5/7/2023 13:41	46302 ROHR_T1	3	3	0	0.5	0.73	0.23	0.12	0.14	0	0	0	0	0	0
5/7/2023 13:43	46302 ROHR_T1	3	3	0	0.5	0.73	0.23	0.12	0.14	0	0	0	0	0	0
5/7/2023 13:46	61303 EARL_T1	0	0	0	0	0	0	0	0.01	0	0	0	0	0	0
5/7/2023 13:49	28604 BLYT_T2	2	2	0	0.65	0.15	-0.5	0	0	0	0	0	0	0	0
5/7/2023 13:50	46206 DANV_T2	0	0	0	0	0	0	0.1	0.16	1	1	0	1200	1200	0
5/7/2023 13:50	56802 BENV_T2	1	1	0	1.4	1.1	-0.3	-1.39	-1.37	0	0	0	0	0	0
5/7/2023 13:51	41402 BENT_T1	2	2	0	-2	0.1	0	-0.1	-0.92	-0.92	1	1	0	900	900	0
5/7/2023 13:56	47401 PENS_T1	0	0	0	0	0	0	0.72	0.77	0	0	0	0	0	0
5/7/2023 14:00	40502 CRES_T2	2	7	5	0.1	0.2	0.1	-0.08	-0.08	0	0	0	0	0	0
5/7/2023 14:02	46206 DANV_T2	0	0	0	0	0	0	0.1	0.16	1	1	0	1200	1200	0
5/7/2023 14:10	46206 DANV_T2	0	0	0	0	0	0	0.16	0.14	1	1	0	1200	1200	0
5/7/2023 14:23	67502 WEWI_T2	0	0	0	0	0	0	-0.45	-0.48	0	0	0	0	0	0
5/7/2023 14:26	23401 HONE_T2	3	3	0	0.47	0.4	-0.07	0.03	0.07	0	0	0	0	0	0
5/7/2023 14:31	45501 DERR_T2	0	0	0	0	0	0	0.06	0.06	1	1	0	600	600	0
5/7/2023 14:33	41502 FAIR_T2	0	0	0	0	0	0	-1.61	-1.63	1	1	0	900	900	0
5/7/2023 14:34	41502 FAIR_T2	0	0	0	0	0	0	-1.63	-1.63	1	1	0	900	900	0
5/7/2023 14:48	61303 EARL_T1	0	0	0	0	0	0	-0.01	0	0	0	0	0	0	0
5/7/2023 14:51	16901 MECK_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
5/7/2023 15:02	41901 REED_T1	0	1	1	0	0	0	0	0	0	0	0	0	0	0
5/7/2023 15:04	42802 SELI_T1	0	0	0	0	0	0	-0.06	0.02	0	0	0	0	0	0
5/7/2023 15:53	41502 FAIR_T2	0	0	0	0	0	0	-1.62	-1.63	1	1	0	900	900	0
5/7/2023 16:02	46206 DANV_T2	0	0	0	0	0	0	0.03	0.05	1	1	0	1200	1200	0
5/7/2023 16:15	65001 NEFF_T2	0	0	0	0	0	0	-1.34	-1.37	1	1	0	1200	1200	0
5/7/2023 16:50	63804 HEMP_T1	1	1	0	6.1	6	-0.1	0	0	0	0	0	0	0	0
5/7/2023 17:25	45902 AUBU_T1	0	0	0	0	0	0	-0.48	-0.48	0	0	0	0	0	0
5/7/2023 18:46	46504 LOHA_T1	2	2	0	0.15	0.65	0.5	0	0	0	0	0	0	0	0
5/7/2023 19:37	60803 BUCK_T1	0	0	0	0	0	0	-1.56	-1.59	1	1	0	600	600	0
5/7/2023 20:14	60701 BREC_T1	0	0	0	0	0	0	-0.62	-0.63	1	1	0	600	600	0
5/7/2023 20:26	67502 WEWI_T2	0	0	0	0	0	0	-0.42	-0.43	0	0	0	0	0	0
5/7/2023 23:09	20401 ASHF_T2	90	99	9	0.53	0.71	0.18	0	0	0	0	0	0	0	0
5/7/2023 23:29	45902 AUBU_T1	0	0	0	0	0	0	-0.39	-0.43	0	0	0	0	0	0
5/7/2023 23:33	28604 BLYT_T2	0	0	0	0	0	0	-0.5	-0.51	0	0	0	0	0	0
5/7/2023 23:34	44901 SCOT_T2	0	0	0	0	0	0	-0.42	-0.61	0	0	0	0	0	0
5/7/2023 23:46	47402 PENS_T1	1	1	0	0.7	0.8	0.1	0	0	0	0	0	0	0	0
5/7/2023 23:54	65003 NEFF_T2	18	63	45	0.17	0.19	0.02	0	0	0	18	0	0	0	0
5/8/2023 0:16	64305 LINC_T1	1	1	0	0.2	0.2	0	0	0	0	0	0	0	0	0
5/8/2023 0:28	56802 BENV_T2	1	4	3	0.8	0.35	-0.45	-1.52	-1.52	0	0	0	0	0	0
5/8/2023 0:28	46206 DANV_T2	0	0	0	0	0	0	0.2	0.2	2	2	0	2400	2400	0
5/8/2023 0:28	42802 SELI_T1	1	0	-1	1.4	0	-1.4	-0.22	-0.2	0	0	0	0	0	0
5/8/2023 0:28	28604 BLYT_T2	0	0	0	0	0	0	-1.53	-1.52	0	0	0	0	0	0
5/8/2023 0:28	44901 SCOT_T2	0	0	0	0	0	0	-0.58	-0.59	0	0	0	0	0	0
5/8/2023 0:28	41402 BENT_T1	0	0	0	0	0	0	-0.98	-0.97	1	1	0	900	900	0
5/8/2023 0:28	45902 AUBU_T1	0	0	0	0	0	0	-0.43	-0.49	0	0	0	0	0	0
5/8/2023 0:28	46302 ROHR_T1	3	3	0	1.57	1.53	-0.04	0.03	0	0	0	0	0	0	0
5/8/2023 0:28	61303 EARL_T1	0	0	0	0	0	0	-0.26	-0.26	0	0	0	0	0	0
5/8/2023 0:28	42701 AUGU_T1	1	1	0	1.9	1.8	-0.1	0	0	2	2	0	1800	1800	0
5/8/2023 0:28	23401 HONE_T2	1	1	0	1	1.2	0.2	-0.09	-0.09	0	0	0	0	0	0
5/8/2023 0:28	47401 PENS_T1	0	0	0	0	0	0	1.8	1.56	0	0	0	0	0	0
5/8/2023 0:31	64305 LINC_T1	1	1	0	0.1	0.2	0.1	0	0	0	0	0	0	0	0
5/8/2023 0:46	46504 LOHA_T1	2	35	33	1	0.32	-0.68	0	0	0	0	0	0	0	0
5/8/2023 0:49	53501 EVIL_T2	20	20	0	1.18	1.27	0.09	-0.71	-0.73	0	0	0	0	0	0
5/8/2023 0:55	41502 FAIR_T2	0	0	0	0	0	0	-1.75	-1.74	1	1	0	900	900	0
5/8/2023 0:57	46504 LOHA_T1	2	35	33	1	0.32	-0.68	0	0	0	0	0	0	0	0
5/8/2023 1:02	45901 AUBU_T1	0	0	0	0	0	0	1.05	1.05	0	0	0	0	0	0
5/8/2023 1:07	53501 EVIL_T2	20	20	0	1.21	1.28	0.07	-0.73	-0.69	0	0	0	0	0	0
5/8/2023 1:11	45501 DERR_T2	1	1	0	0.8	0.8	0	-0.1	-0.05	1	1	0	600	600	0
5/8/2023 1:18	40502 CRES_T2	0	1	1	0	0.1	0.1	0.31	0.31	0	0	0	0	0	0
5/8/2023 1:19	42802 SELI_T1	0	0	0	0	0	0	-0.2	-0.23	0	0	0	0	0	0
5/8/2023 1:36	46506 LOHA_T1	0	0	0	0	0	0	-0.54	-0.55	0	0	0	0	0	0
5/8/2023 1:36	42802 SELI_T1	0	0	0	0	0	0	-0.23	-0.23	0	0	0	0	0	0
5/8/2023 1:39	44901 SCOT_T2	0	0	0	0	0	0	-0.48	-0.54	0	0	0	0	0	0
5/8/2023 1:39	59101 WALK_T2	0	0	0	0	0	0	1.04	1.03	0	0	0	0	0	0
5/8/2023 1:41	44901 SCOT_T2	0	0	0	0	0	0	-0.48	-0.54	0	0	0	0	0	0
5/8/2023 1:49	45902 AUBU_T1	0	0	0	0	0	0	-0.36	-0.44	0	0	0	0	0	0
5/8/2023 1:49	59101 WALK_T2	0	0	0	0	0	0	1.03	1.1	0	0	0	0	0	0
5/8/2023 1:52	46506 LOHA_T1	0	0	0	0	0	0	-0.55	-0.55	0	0	0	0	0	0
5/8/2023 1:53	42701 AUGU_T1	1	1	0	2	2.1	0.1	0	0	2	2	0	1800	1800	0
5/8/2023 1:57	51604 DUKE_T2	0	0	0	0	0	0	-1.82	-1.81	1	1	0	900	900	0
5/8/2023 1:57	53501 EVIL_T2	20	21	1	1.24	1.38	0.14	-0.73	-0.78	0	0	0	0	0	0
5/8/2023 2:02	53502 EVIL_T2	0	1	1	0	0.1	0.1	0	0	0	0	0	0	0	0
5/8/2023 2:03	53502 EVIL_T2	0	1	1	0	0.1	0.1	0	0	0	0	0	0	0	0
5/8/2023 2:04	53501 EVIL_T2	20	21	1	1.24	1.43	0.19	-0.78	-0.8	0	0	0	0	0	0
5/8/2023 2:24	29402 BELT_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
5/8/2023 2:34	44901 SCOT_T2	0	0	0	0	0	0	-0.59	-0.58	0	0	0	0	0	0
5/8/2023 2:35	29402 BELT_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
5/8/2023 2:36	64305 LINC_T1	0	0	0	0	0	0	-0.19	-0.25	0	0	0	0	0	0
5/8/2023 2:37	53501 EVIL_T2	20	20	0	1.49	1.27	-0.22	-0.72	-0.72	0	0	0	0	0	0
5/8/2023 2:39	16301 ALPA_T1	1	1	0	0.1	0.1	0	-0.53	-0.55	0	0	0	0	0	0
5/8/2023 2:42	53501 EVIL_T2	20	20	0	1.49	1.27	-0.22	-0.72	-0.72	0	0	0	0	0	0
5/8/2023 2:44	29402 BELT_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
5/8/2023 2:47	60701 BREC_T1	0	0	0	0	0	0	-0.21	-0.21	0	0	0	0	0	0
5/8/2023 2:49	60701 BREC_T1	0	0	0	0	0	0	-0.21	0.16	0	0	0	0	0	0
5/8/2023 2:49	53501 EVIL_T2	20	21	1	1.21	1.21	0	-0.72	-0.77	0	0	0	0	0	0
5/8/2023 2:59	44902 SCOT_T2	0	1	1	0	0	0	0	0	0	0	0	0	0	0
5/8/2023 3:06	47402 PENS_T1	1	1	0	0.3	0.4	0.1	0	0	0	0	0	0	0	0
5/8/2023 3:19	59101 WALK_T2	0	0	0	0	0	0	1.08	0.85	0	0	0	0	0	0
5/8/2023 3:33	28602 BLYT_T2	1	2	1	0.4	0.3	-0.1	0	0	0	0	0	0	0	0
5/8/2023 3:47	60701 BREC_T1	0	0	0	0	0	0	0.2	0.22	0	0	0	0	0	0
5/8/2023 3:56	46506 LOHA_T1	0	0	0	0	0	0	-0.55	-0.52	0	0	0	0	0	0
5/8/2023 3:59	42802 SELI_T1	0	0	0	0	0	0	-0.08	-0.09	0	0	0	0	0	0
5/8/2023 5:06	46504 LOHA_T1	2	2	0	0.75	0.5	-0.25	0	0	0	0	0	0	0	0
5/8/2023 9:36	48901 FOSP_T2	0	0	0	0	0	0	-0.16	-0.12	1	1	0	600	600	0
5/8/2023 9:51	45901 AUBU_T1	1	1	0	0.1	0.2	0.1	0	0	0	0	0	0	0	0
5/8/2023 10:00	51604 DUKE_T2	0	25	25	1	0.25	0.25	-0.64	-0.65	0	1	1	0	900	900
5/8/2023 10:00	67502 WEWI_T2	1	0	-1	0.1	0	-0.1	-0.31	-0.25	0	0	0	0	0	0
5/8/2023 10:00	44901 SCOT_T2	0	0	0	0	0	0	0.19	-0.02	0	0	0	0	0	0
5/8/2023 10:00	66701 STRA_T1	0	1	1	0	0.1	0.1	0	0	0	0	0	0	0	0
5/8/2023 10:00	46203 DANV_T2	7	11	4	0.26	0.76	0.5	0	0	0	0	0	0	0	0
5/8/2023 10:00	56601 HAMP_T1	0	0	0	0	0	0	-0.18	-0.1	0	0	0	0	0	0
5/8/2023 10:00	46302 ROHR_T1	4	4	0	1.15	0.78	-0.37	0	0.07	0	0	0	0	0	0
5/8/2023 10:00	47403 PENS_T1	1	1	0	2.4	2.2	-0.2	0	0	0	0	0	0	0	0
5/8/2023 10:00	43402 BENT_T1	0	1	1	0	0.2	0.2	-0.7	-0.68	1	1	0	900	900	0
5/8/2023 10:00	20403 ASHF_T2	6	13	7	0.55	0.71	0.16	1.4	1.42	0	0	0	0	0	0
5/8/2023 10:00	24901 WHHA_T1	1	1	0	0.1	0.1	0	0.93	0.96	0	0	0	0	0	0
5/8/2023 10:00	64801 MONE_T2	2	1	-1	0.2	0.3	0.1	0.22	0.28	0	0	0	0	0	0
5/8/2023 10:00	42802 SELI_T1	2	2	0	0.25	0.6	0.35	-1.29	-1.44	2	2	0	1800	1800	0
5/8/2023 10:00	54001 SDLE_T1	3	2	-1	0.5	0.45	-0.05	0	0	0	0	0	0	0	0
5/8/2023 10:00	59102 WALK_T2	0	1	1	0	0.5	0.5	0	0	0	0	0	0	0	0
5/8/2023 10:00	65001 NEFF_T2	0	0	0	0	0	0	-0.53	-0.47	1	1	0	1200	1200	0
5/8/2023 10:00	67605 WARW_T1	0	1	1	0	1.5	1.5	0	0	0	0	0	0	0	0
5/8/2023 10:00	45902 AUBU_T1	0	0	0	0	0	0	-1.02	-1.02	2	2	0	1200	1200	0
5/8/2023 10:00	28602 BLYT_T2	1	1	0	0.2	0.1	-0.1	0.01	0	0	0	0	0	0	0
5/8/2023 10:00	12605 MACA_T1	2	4	2	0.25	0.2	-0.05	0	0	0	0	0	0	0	0
5/8/2023 10:00	23401 HONE_T2	0	0	0	0	0	0	0.28	0.33	0	0	0	0	0	0
5/8/2023 10:00	57602 RUTH_T2	1	2	1	0.1	0.2	0.1	0.05	0.11	0	0	0	0	0	0
5/8/2023 10:00	45902 AUBU_T1	0	0	0	0	0	0	-1.02	-1.02	2	2	0	1200	1200	0
5/8/2023 10:00	46504 LOHA_T1	1	1	0	0.1	0.4	0.3	0	0	0	0	0	0	0	0
5/8/2023 10:00	16901 MECK_T1	0	1	1	0.1	0.1	0	0	0	0	0	0	0	0	0
5/8/2023 10:00	45301 WBER_T2	0	1	1	0	0	0	0	0	0	0	0	0	0	0
5/8/2023 10:00	60701 BREC_T1	0	0	0	0	0	0	-0.18	-0.13	2	2	0	1200	1200	0
5/8/2023 10:00	42701 AUGU_T1	1	1	0	1.2	1.2	0	0	0	2	2	0	1800	1800	0
5/8/2023 10:00	16901 MECK_T1	1	1	0	0.1	0.1	0	0	0	0	0	0	0	0	0
5/8/2023 10:00	63804 HEMP_T1	1	3	2	6.4	6.5	0.1	0	0	0	0	0	0	0	0
5/8/2023 10:00	41902 REED_T1	0	0	0	0	0	0	1.08	1.03	0	0	0	0	0	0
5/8/2023 10:00	28604 BLYT_T2	0	0	0	0	0	0	-1.41	-1.41	0	0	0	0	0	0
5/8/2023 10:00	52503 PROG_T2	0	1	1	0	0	0	-0.71	-0.69	1	1	0	900	900	0
5/8/2023 10:00	48901 FOSP_T2	0	0	0	0	0	0	-0.12	-0.12	1	1	0	600	600	0
5/8/2023 10:00	60801 BUCK_T1	16	5	-11	0.19	0.2	0.01	0	0	0	0	0	0	0	0
5/8/2023 10:00	41502 FAIR_T2	0	0	0	0	0	0	-0.68	-0.69	0	0	0	0	0	0
5/8/2023 10:00	45501 DERR_T2	2	2	0	0.4	0.2	-0.2	1.22	1.37	2	2	0	1800	1800	0
5/8/2023 10:00	61303 EARL_T1	0	0	0	0	0	0	0.93	1.14	0	0	0	0	0	0
5/8/2023 10:00	40502 CRES_T2	2	12	10	0.1	0.16	0.06	0.07	0.05	0	0	0	0	0	0
5/8/2023 10:00	56802 BENV_T2	2	5	3	0.6	0.42	-0.18	-0.7	-0.7	0	0	0	0	0	0
5/8/2023 10:00	53501 EVIL_T2	2	2	0	0.55	0.5	-0.05	-0.4	-0.36	8	8	0	4800	4800	0
5/8/2023 10:41	45901 AUBU_T1	1	1	0	0.3	0.4	0.1	0	0	0	0	0	0	0	0
5/8/2023 10:41	14402 SSLA_T1	4	5	1	0.35	0.36	0.01	0	0	0	0	0	0	0	0
5/8/2023 10:41	42601 TUSC_T1	1	0	-1	0.2	0	-0.2	0	0	1	1	0	600	600	0
5/8/2023 10:43	42601 TUSC_T1	1	0	-1	0.2	0	-0.2	0	0	1	1	0	600	600	0
5/8/2023 10:45	67204 TEHI_T2	0	1	1	0	0.4	0.4	-0.07	-0.04	0	0	0	0	0	0
5/8/2023 10:51	24104 EHAZ_T1	0	1	1	0	0.2	0.2	0	0	0	0	0	0	0	0
5/8/2023 11:19	56802 BENV_T2	7	10	3	0.53	0.48	-0.05	-0.66	-0.64	0	0	0	0	0	0
5/8/2023 11:23	20403 ASHF_T2	10	13	3	0.52	0.51	-0.01	1.34	1.36	0	0	0	0	0	0
5/8/2023 11:29	42802 SELI_T1	2	1	-1	0.1	0.4	0.3	-0.66	-0.67	1	1	0	900	900	0
5/8/2023 11:37	60803 BUCK_T1	1	1	0	0.2	0.2	0	-1.56	-1.49	1	1	0	600	600	0
5/8/2023 11:40	20401 ASHF_T2	48	34	-14	0.24	0.24	0	0	0	0	0	0	0	0	0
5/8/2023 11:40	67204 TEHI_T2	1	1	0	0.3	0.7	0.4	-0.06	-0.06	0	0	0	0	0	0
5/8/2023 11:45	13905 SEID_T1	3	4	1	0.5	0.53	0.03	0	0	0	0	0	0	0	0
5/8/2023 11:48	67204 TEHI_T2	1	2	1	0.4	0.45	0.05	-0.06	-0.06	0	0	0	0	0	0
5/8/2023 11:59	52502 PROG_T2	0	1	1	0	0.2	0.2	-0.69	-0.66	1	1	0	900	900	0
5/8/2023 12:12	42701 AUGU_T1	3	3	0	0.5	0.4	-0.1	0	0	2	2	0	1800	1800	0
5/8/2023 12:22	59101 WALK_T2	0	0	0	0	0	0	1.59	1.69	0	0	0	0	0	0
5/8/2023 12:31	64301 LINC_T1	0	0	0	0	0	0	-0.24	-0.22	1	1	0	600	600	0
5/8/2023 12:40	44801 EDAN_T2	2	2	0	0.25	0.4	0.15	0	0	0	0	0	0	0	0
5/8/2023 12:49	56802 BENV_T2	7	7	0	0.41	0.41	0	-0.64	-0.66	0	0	0	0	0	0
5/8/2023 12:52	46504 LOHA_T1	1	1	0	0.3	0.1	-0.2	0	0	0	0	0	0	0	0
5/8/2023 13:31	56801 BENV_T1	49	59	10	0.8	0.89	0.09	-0.78	-0.75	1	1	0	600	600	0
5/8/2023 13:34	42802 SELI_T1	0	1	1	0	0.3	0.3	-0.7	-0.62	1	1	0	900	900	0
5/8/2023 13:37	60803 BUCK_T1	0	1	1	0	0.1	0.1	-1.45	-1.46	1	1	0	600	600	0
5/8/2023 13:43	56801 BENV_T1	49	59	10	0.8	0.89	0.09	-0.75	-0.74	1	1	0	600	600	0
5/8/2023 13:46	42802 SELI_T1	1	1	0	0.3	0.4	0.1	-0.7	-0.62	1	1	0	900	900	0
5/8/2023 13:54	56801 BENV_T1	55	59	4	0.9	0.85	-0.05	-0.74	-0.76	1	1	0	600	600	0
5/8/2023 13:54	60803 BUCK_T1	0	1	1	0	0.1	0.1	-1.46	-1.43	1	1	0	600	600	0
5/8/2023 13:54	42802 SELI_T1	1	1	0	0.3	0.4	0.1	-0.62	-0.62	1	1	0	900	900	0
5/8/2023 13:56	49803 UNIV_T1	0	5	5	0	0.28	0.28	-1.97	-2.03	0	0	0	0	0	0
5/8/2023 13:58	56801 BENV_T1	55	59	4	0.9	0.85	-0.05	-0.74	-0.76	1	1	0	600	600	0
5/8/2023 13:58	58402 MORO_T1	0	1	1	0	0.2	0.2	-1.13	-1.1	2	2	0	1500	1500	0
5/8/2023 14:00	41902 REED_T1	1	0	-1	0.4	0	-0.4	1.05	1.09	0	0	0	0	0	0
5/8/2023 14:04	53501 EVIL_T2	3	4	1	0.5	0.35	-0.15	-0.15	-0.17	2	2	0	1200	1200	0
5/8/2023 14:08	42701 AUGU_T1	5	5	0	0.32	0.4	0.08	0	0	2	2	0	1800	1800	0
5/8/2023 14:10	53501 EVIL_T2	3	4	1	0.5	0.35	-0.15

Appendix C - Grid Benefits Achieved in Each Instance of Active Management

5/9/2023 0:28	44502 HAMI_T2	1	2	1	3.6	2.1	-1.5	-1.11	-1.11	0	0	0	0	0	0
5/9/2023 0:28	59101 WALK_T2	0	0	0	0	0	0	2.26	2.18	0	0	0	0	0	0
5/9/2023 0:28	49803 UNIV_T1	34	85	51	0.19	0.38	0.19	-2.36	-2.35	0	0	0	0	0	0
5/9/2023 0:28	46504 LOHA_T1	48	91	43	0.6	0.72	0.12	0	0	0	0	0	0	0	0
5/9/2023 0:28	52502 PROG_T2	0	0	0	0	0	0	-1.53	-1.52	2	2	0	1800	1800	0
5/9/2023 0:28	44802 EDAN_T2	0	0	0	0	0	0	-1.88	-1.87	1	1	0	1200	1200	0
5/9/2023 0:28	53502 EVIL_T2	0	1	1	0	0.2	0.2	0	0	0	0	0	0	0	0
5/9/2023 0:28	16301 ALPA_T1	1	1	0	0.2	0.3	0.1	-0.48	-0.48	0	0	0	0	0	0
5/9/2023 0:28	45902 AUBU_T1	0	0	0	0	0	0	-0.31	-0.37	0	0	0	0	0	0
5/9/2023 0:28	67204 TEHI_T2	103	116	13	0.24	0.41	0.17	-1.4	-1.4	0	0	0	0	0	0
5/9/2023 0:28	42201 SHEN_T2	0	0	-0	0.57	0	0	0.57	0.57	0	0	0	0	0	0
5/9/2023 0:28	47402 PENS_T1	1	1	0	0.2	0.6	0.4	0	0	0	0	0	0	0	0
5/9/2023 0:28	41902 REED_T1	0	0	0	0	0	0	0.68	0.69	0	0	0	0	0	0
5/9/2023 0:28	42601 TUSC_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
5/9/2023 0:28	49803 UNIV_T1	34	85	51	0.19	0.38	0.19	-2.36	-2.35	0	0	0	0	0	0
5/9/2023 0:28	42802 SELI_T1	0	0	0	0	0	0	-0.32	-0.3	0	0	0	0	0	0
5/9/2023 0:31	42601 TUSC_T1	0	0	0	0	0	0	0	0	0	1	1	0	600	600
5/9/2023 1:00	42601 TUSC_T1	0	0	0	0	0	0	0	0	1	1	0	600	600	0
5/9/2023 1:22	53502 EVIL_T2	0	1	1	0	0.1	0.1	0	0	0	0	0	0	0	0
5/9/2023 1:29	42701 AUGU_T1	1	1	0	1.6	1.7	0.1	0	0	2	2	0	1800	1800	0
5/9/2023 1:40	55101 WERT_T1	0	0	0	0	0	0	-1.05	-1.07	1	1	0	900	900	0
5/9/2023 1:41	29402 BELT_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
5/9/2023 1:52	56802 BENV_T2	1	32	31	0.8	0.16	-0.64	-1.55	-1.54	0	0	0	0	0	0
5/9/2023 1:58	55101 WERT_T1	0	0	0	0	0	0	-1.07	-1.09	1	1	0	900	900	0
5/9/2023 2:00	56801 BENV_T1	41	46	5	1.1	1.19	0.09	-0.95	-0.97	1	1	0	600	600	0
5/9/2023 2:08	56801 BENV_T1	41	46	5	1.1	1.19	0.09	-0.97	-0.97	1	1	0	600	600	0
5/9/2023 2:12	56802 BENV_T2	9	33	24	0.2	0.16	-0.04	-1.54	-1.56	0	0	0	0	0	0
5/9/2023 2:45	60701 BREC_T1	0	0	0	0	0	0	-0.16	-0.21	0	0	0	0	0	0
5/9/2023 2:58	52503 PROG_T2	0	1	-1	0	0	0	0	0	0	0	0	1	0	0
5/9/2023 4:12	56802 BENV_T2	42	37	-5	0.15	0.14	-0.01	-1.58	-1.56	0	0	0	0	0	0
5/9/2023 5:40	56801 BENV_T1	32	27	-5	0.69	0.51	-0.18	-0.94	-0.93	1	1	0	600	600	0
5/9/2023 6:00	55101 WERT_T1	0	0	0	0	0	0	-1.44	-1.44	2	2	0	1500	1500	0
5/9/2023 8:57	45901 AUBU_T1	0	0	0	0	0	0	1.54	1.54	0	0	0	0	0	0
5/9/2023 9:03	57602 RUTH_T2	0	2	2	0	0.45	0.45	-0.02	0.03	0	0	0	0	0	0
5/9/2023 9:06	57602 RUTH_T2	0	2	2	0	0.45	0.45	0.03	-0.01	0	0	0	0	0	0
5/9/2023 9:11	57602 RUTH_T2	0	2	2	0	0.45	0.45	0.03	-0.01	0	0	0	0	0	0
5/9/2023 10:00	24105 EHAZ_T1	4	4	0	5.75	5.73	-0.02	0	0	0	0	0	0	0	0
5/9/2023 10:00	12601 MACA_T1	0	1	1	0	0.2	0.2	0	0	0	0	0	0	0	0
5/9/2023 10:00	42601 TUSC_T1	0	0	0	0	0	0	0	0	4	4	0	2400	2400	0
5/9/2023 10:00	67603 WARW_T1	0	1	1	0	0.2	0.2	0	0	0	0	0	0	0	0
5/9/2023 10:00	49804 UNIV_T1	1	1	0	0.1	0.3	0.2	1.16	1.3	0	0	0	0	0	0
5/9/2023 10:00	60701 BREC_T1	0	0	0	0	0	0.12	0.06	1	1	1	0	600	600	0
5/9/2023 10:00	20401 ASHF_T2	52	44	-8	0.23	0.21	-0.02	0	0	0	0	0	0	0	0
5/9/2023 10:00	52503 PROG_T2	0	0	0	0	0	0	-0.75	-0.73	1	1	0	900	900	0
5/9/2023 10:00	49804 UNIV_T1	1	1	0	0.1	0.3	0.2	1.16	1.3	0	0	0	0	0	0
5/9/2023 10:00	67204 TEHI_T2	0	0	0	0	0	0	-0.18	-0.19	0	0	0	0	0	0
5/9/2023 10:00	64301 LINC_T1	0	0	0	0	0	0	-0.24	-0.1	1	1	0	600	600	0
5/9/2023 10:00	40601 PIGR_T1	2	3	1	0.1	0.2	0.1	0	0	0	0	0	0	0	0
5/9/2023 10:00	45901 AUBU_T1	0	0	0	0	0	0	1.77	1.93	0	0	0	0	0	0
5/9/2023 10:00	59101 WALK_T2	0	0	0	0	0	0	4.12	4.09	0	0	0	0	0	0
5/9/2023 10:00	14404 SSLA_T1	0	8	8	0	0.4	0.4	0	0	0	0	0	0	0	0
5/9/2023 10:00	24102 EHAZ_T1	0	1	1	0	0	0	-0.91	-0.94	0	0	0	0	0	0
5/9/2023 10:00	42201 SHEN_T2	0	0	0	0	0	0	0.66	0.71	0	0	0	0	0	0
5/9/2023 10:00	48902 FOSP_T2	0	0	0	0	0	0	0.51	0.66	0	0	0	0	0	0
5/9/2023 10:00	67502 WEWI_T2	0	0	0	0	0	0	-0.29	-0.33	0	0	0	0	0	0
5/9/2023 10:00	52502 PROG_T2	0	0	0	0	0	0	-1.56	-1.55	2	2	0	1800	1800	0
5/9/2023 10:00	60803 BUCK_T1	0	0	1	0	0	0	-0.94	-0.93	1	1	0	600	600	0
5/9/2023 10:00	13902 SEID_T1	0	1	1	0	0.3	0.3	0	0	0	0	0	0	0	0
5/9/2023 10:00	42802 SELI_T1	1	1	0	0.2	0.8	0.6	-1.6	-1.54	2	2	0	1800	1800	0
5/9/2023 10:00	56802 BENV_T2	1	1	0	0.4	1.1	0.7	-1.56	-1.52	0	0	0	0	0	0
5/9/2023 10:00	44502 HAMI_T2	1	2	1	2	1.1	-0.9	-1.94	-1.98	0	0	0	0	0	0
5/9/2023 10:00	44802 EDAN_T2	1	3	2	0.1	0.27	0.17	-1.73	-1.75	1	1	0	1200	1200	0
5/9/2023 10:00	29402 BELT_T1	0	4	4	0	0.3	0.3	0	0	0	0	0	0	0	0
5/9/2023 10:00	44901 SCOT_T2	0	0	0	0	0	0	0.34	0.35	0	0	0	0	0	0
5/9/2023 10:00	58402 MORO_T1	0	0	0	0	0	0	-1.12	-1.13	2	2	0	1500	1500	0
5/9/2023 10:00	42701 AUGU_T1	1	2	1	0.8	0.4	-0.4	0	0	6	6	0	5400	5400	0
5/9/2023 10:00	45902 AUBU_T1	0	0	0	0	0	0	-0.55	-0.48	1	1	0	600	600	0
5/9/2023 10:00	64801 MONE_T2	1	1	0	0.6	0.6	0	0.17	0.17	0	0	0	0	0	0
5/9/2023 10:00	53501 EVIL_T2	1	2	1	0.3	0.5	0.2	-0.24	-0.31	4	4	0	2400	2400	0
5/9/2023 10:00	55101 WERT_T1	0	0	0	0	0	0	-1.04	-1.06	2	2	0	1500	1500	0
5/9/2023 10:00	41902 REED_T1	0	0	0	0	0	0	1.01	0.96	0	0	0	0	0	0
5/9/2023 10:00	47403 PENS_T1	1	1	0	1.8	1.9	0.1	0	0	0	0	0	0	0	0
5/9/2023 10:00	46504 LOHA_T1	2	3	1	0.9	0.85	-0.05	0	0	0	0	0	0	0	0
5/9/2023 10:00	56803 BENV_T1	1	4	3	0.1	0.25	0.15	0	0	0	0	0	0	0	0
5/9/2023 10:00	57602 RUTH_T2	0	1	1	0	0.1	0.1	0.06	0.04	0	0	0	0	0	0
5/9/2023 10:00	64101 REFR_T1	0	0	0	0	0	0	-0.22	-0.22	0	0	0	0	0	0
5/9/2023 10:00	56601 HAMP_T1	0	0	0	0	0	0	-0.02	-0.1	0	0	0	0	0	0
5/9/2023 11:21	57602 RUTH_T2	1	2	1	0.1	0.35	0.25	0.03	0.05	0	0	0	0	0	0
5/9/2023 11:25	41901 REED_T1	0	0	0	0	0	0	-1.21	-1.23	1	1	0	900	900	0
5/9/2023 11:33	28601 BLYT_T2	1	1	0	0.2	0.5	0.3	0	0	0	0	0	0	0	0
5/9/2023 11:56	56803 BENV_T1	7	10	3	0.27	0.76	0.49	0	0	0	0	0	0	0	0
5/9/2023 12:12	49803 UNIV_T1	74	84	10	0.31	0.41	0.1	0	0	0	0	0	0	0	0
5/9/2023 12:33	54001 SDLE_T1	8	8	0	0.59	0.68	0.09	0	0	0	0	0	0	0	0
5/9/2023 12:37	53501 EVIL_T2	13	6	-7	0.67	0.83	0.16	-0.56	-0.58	2	2	0	1200	1200	0
5/9/2023 12:55	44504 HAMI_T2	1	0	-1	0.1	0	-0.1	0	0	0	0	0	0	0	0
5/9/2023 12:59	42201 SHEN_T2	1	1	0	0.6	1.1	0.5	0.68	0.67	0	0	0	0	0	0
5/9/2023 13:02	60803 BUCK_T1	159	152	-7	0.42	0.42	0	0	0	0	0	0	0	0	0
5/9/2023 13:03	44505 HAMI_T2	1	1	0	0.2	0.2	0	0	0	0	0	0	0	0	0
5/9/2023 13:08	45901 AUBU_T1	0	0	0	0	0	0	1.96	1.93	0	0	0	0	0	0
5/9/2023 13:21	16302 ALPA_T2	1	1	0	0.8	1.3	0.5	0.78	0.77	0	0	0	0	0	0
5/9/2023 13:22	45901 AUBU_T1	0	1	1	0	0.2	0.2	1.93	1.77	0	0	0	0	0	0
5/9/2023 13:24	43402 BENT_T1	3	3	0	0.57	0.47	-0.1	-0.68	-0.65	1	2	1	900	1500	600
5/9/2023 13:24	47401 PENS_T1	0	0	0	0	0	0	1.16	1.26	0	0	0	0	0	0
5/9/2023 13:24	44802 EDAN_T2	3	4	1	0.6	0.6	0	-1.73	-1.64	1	1	0	1200	1200	0
5/9/2023 13:24	59101 WALK_T2	1	1	0	1	0.5	-0.5	1.82	2.16	0	0	0	0	0	0
5/9/2023 13:27	28604 BLYT_T2	4	5	1	0.53	0.44	-0.09	0	0	0	0	0	0	0	0
5/9/2023 13:28	28601 BLYT_T2	1	1	0	0.5	0.5	0	0	0	0	0	0	0	0	0
5/9/2023 13:28	45901 AUBU_T1	0	1	1	0	0.2	0.2	1.93	1.77	0	0	0	0	0	0
5/9/2023 13:29	42701 AUGU_T1	3	3	0	0.43	0.47	0.04	0	0	2	2	0	1800	1800	0
5/9/2023 13:30	66703 STRA_T1	0	0	0	0	0	0	-0.14	-0.1	0	0	0	0	0	0
5/9/2023 13:34	67204 TEHI_T2	0	1	1	0	0.8	0.8	-0.1	-0.07	0	0	0	0	0	0
5/9/2023 13:36	59102 WALK_T2	1	1	0	0.6	0.5	-0.1	0	0	0	0	0	0	0	0
5/9/2023 13:36	56802 BENV_T2	12	11	-1	0.43	0.44	0.01	-0.7	-0.7	0	0	0	0	0	0
5/9/2023 13:38	56801 BENV_T1	60	68	8	1.19	1.23	0.04	-0.79	-0.75	1	1	0	600	600	0
5/9/2023 13:39	45901 AUBU_T1	0	1	1	0	0.5	0.5	1.77	1.63	0	0	0	0	0	0
5/9/2023 13:39	42802 SELI_T1	1	2	1	0.2	0.1	-0.1	-0.69	-0.72	1	1	0	900	900	0
5/9/2023 13:40	24101 EHAZ_T1	3	1	-2	0.4	1.3	0.9	0.62	0.46	2	2	0	1200	1200	0
5/9/2023 13:43	29401 BELT_T1	0	1	1	0	0.1	0.1	0	0	0	0	0	0	0	0
5/9/2023 13:46	67502 WEWI_T2	0	7	7	0	0.41	0.41	-0.22	-0.2	0	0	0	0	0	0
5/9/2023 13:47	56802 BENV_T2	9	13	4	0.43	0.4	-0.03	-0.7	-0.7	0	0	0	0	0	0
5/9/2023 13:48	58401 MORO_T1	3	7	4	0.27	0.44	0.17	0	0	0	0	0	0	0	0
5/9/2023 13:53	42802 SELI_T1	0	3	3	0	0.1	0.1	-0.72	-0.74	1	1	0	900	900	0
5/9/2023 13:56	49804 UNIV_T1	3	3	0	0.6	0.63	0.03	0	0	0	0	0	0	0	0
5/9/2023 13:57	56803 BENV_T1	8	9	1	0.83	0.78	-0.05	0	0	0	0	0	0	0	0
5/9/2023 14:05	49804 UNIV_T1	3	2	-1	0.63	0.7	0.07	0	0	0	0	0	0	0	0
5/9/2023 14:05	56803 BENV_T1	7	9	2	0.91	0.76	-0.15	0	0	0	0	0	0	0	0
5/9/2023 14:06	53501 EVIL_T2	15	14	-1	0.41	0.52	0.11	-0.73	-0.72	2	2	0	1200	1200	0
5/9/2023 14:08	56803 BENV_T1	7	9	2	0.91	0.76	-0.15	0	0	0	0	0	0	0	0
5/9/2023 14:09	42701 AUGU_T1	2	4	2	0.65	0.45	-0.2	0	0	2	2	0	1800	1800	0
5/9/2023 14:18	53501 EVIL_T2	10	13	3	0.55	0.5	-0.05	-0.73	-0.72	2	2	0	1200	1200	0
5/9/2023 14:25	42701 AUGU_T1	2	4	2	0.6	0.45	-0.15	0	0	2	2	0	1800	1800	0
5/9/2023 14:39	42802 SELI_T1	1	1	0	0.1	0.1	0	-0.69	-0.68	1	1	0	900	900	0
5/9/2023 14:41	29401 BELT_T1	1	1	0	0.5	0.5	0	0	0	0	0	0	0	0	0
5/9/2023 14:44	59101 WALK_T2	0	0	0	0	0	0	2.16	2.19	0	0	0	0	0	0
5/9/2023 14:51	29401 BELT_T1	1	1	0	0.5	0.3	-0.2	0	0	0	0	0	0	0	0
5/9/2023 14:53	47802 MOCA_T2	3	3	0	0.77	0.8	0.03	-1.01	-1.01	0	0	0	0	0	0
5/9/2023 15:36	49804 UNIV_T1	3	7	4	0.6	0.46	-0.14	0	0	0	0	0	0	0	0
5/9/2023 15:38	16301 ALPA_T1	1	0	-1	0.2	0	-0.2	-0.08	-0.05	0	0	0	0	0	0
5/9/2023 15:44	20401 ASHF_T2	40	30	-10	0.2	0.21	0.01	0	0	0	0	0	0	0	0
5/9/2023 15:46	53501 EVIL_T2	6	8	2	0.55	0.61	0.06	-0.47	-0.67	2	1	-1	1200	600	-600
5/9/2023 15:55	44502 HAMI_T2	1	1	0	2.4	2.7	0.3	-0.81	-0.86	0	0	0	0	0	0
5/9/2023 16:10	45003 LIME_2	1	1	0	4.9	4.8	-0.1	0	0	1	1	0	1200	1200	0
5/9/2023 16:17	56803 BENV_T1	6	7	1	0.42	0.29	-0.13	0	0	0	0	0	0	0	0
5/9/2023 16:37	50105 HARR_T3	6	6	0	5.77	5.7	-0.07	0	0	0	0	0	0	0	0
5/9/2023 16:49	42701 AUGU_T1	0	1	1	0	0.5	0.5	0	0	2	2	0	1800	1800	0
5/9/2023 17:01	29402 BELT_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
5/9/2023 17:47	47401 PENS_T1	0	0	0	0	0	0	1	1	0	0	0	0	0	0
5/9/2023 17:54	47401 PENS_T1	0	0	0	0	0	0	1	0.97	0	0	0	0	0	0
5/9/2023 18:34	48902 FOSP_T2	0	0	0	0	0	0	0.07	0	0	0	0	0	0	0
5/9/2023 19:03	52403 GRPA_T2	0	0	0	0	0	0	-0.41	-0.44	0	0	0	0	0	0
5/9/2023 19:12	47401 PENS_T1	0	0	0	0	0	0	0.96	0.99	0	0	0	0	0	0
5/9/2023 20:28	42701 AUGU_T1	1	1	0	0.4	0.7	0.3	0	0	2	2	0	1800	1800	0
5/9/2023 20:39	29402 BELT_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
5/9/2023 20:40	16302 ALPA_T2	0	0	0	0	0	0	0.66	0.64	0	0	0	0	0	0
5/9/2023 21:03	41901 REED_T1	11	11	0	0.65	0.94	0.29	-1.41	-1.4	1	1	0	900	900	0
5/9/2023 21:03	67502 WEWI_T2	0	0	0	0	0	0	-0.48	-0.47	0	0	0	0	0	0
5/9/2023 21:07	47401 PENS_T1	0	0	0	0	0	0	0.88	0.85	0	0	0	0	0	0
5/9/2023 21:08	28604 BLYT_T2	1	1	0	0.1	0.1	0	-1.41	-1.42	0	0	0	0	0	0
5/9/2023 21:11	54001 SDLE_T1	1	1	0	0.5	0.7	0.2	0	0	0	0	0	0	0	0
5/9/2023 21:14	56803 BENV_T1	3	8	5	0.3	0.41	0.11	0	0	0	0	0	0	0	0
5/9/2023 23:22	20401 ASHF_T2	90	95	5	0.46	0.47	0.01	0	0	0	0	0	0	0	0
5/9/2023 23:52	47401 PENS_T1	17	13	-4	0.24	0.25	0.01	0.74	0.69	0	0	0	0	0	0
5/10/2023 0:28	47401 PENS_T1	1	9	8	0.1	0.14	0.04	0.57	0.59	0	0	0	0	0	0
5/10/2023 0:28	49804 UNIV_T1	1	2	1	0.4	0.5	0.1	0.31	0.29	0	0	0	0	0	0
5/10/2023 0:28	20403 ASHF_T2	0	0	0	0	0	0	-0.08	0.01	0	0	0	0	0	0
5/10/2023 0:28	42802 SELI_T1	0	0	0	0	0	0	-0.2	-0.17	0	0	0	0	0	0
5/10/2023 0:28	29402 BELT_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
5/10/2023 0:28	44502 HAMI_T2	2	1	-1	2.1	4	1.9	-1.1	-1.1	0	0	0	0	0	0
5/10/2023 0:28	45003 LIME_2	2	2	0	2.8	2.95	0.15	0	0	1	1	0	1200	1200	0
5/10/2023 0:28	53501 EVIL_T2	18	20	2	0.99	1.14	0.15	-0.71	-0.7	0	0	0	0	0	0
5/10/2023 0:28	42701 AUGU_T1	1	1	0	1	0.5	-0.5	0	0	1	1	0	600	600	0
5/10/2023 0:28	49803 UNIV_T1	1	3	2	0.3	0.1	-0.2	-1	-1	0	0	0	0	0	0
5/10/2023 0:28	45901 AUBU_T1	0	0	0	0	0	0	1.37	1.45	0	0	0	0	0	0
5/10/2023 0:28	56802 BENV_T2	1	2	1	0.8	0.6	-0.2	-1.56	-1.56	0	0	0	0	0	0
5/10/2023 0:28	16302 ALPA_T2	0	0	0	0	0	0	0.49	0.59	0	0	0	0	0	0
5/10/2023 0:28	66703 STRA_T1	0	5	5	0	0.24	0.24	-0.54	-0.53	0	0	0	0	0	0
5/10/2023 0:28	56801 BENV_T1	27	45	18	0.57	0.93	0.36	-0.95	-0.96	1	1	0	600	600	0
5/10/2023 0:28	59101 WALK_T2	0	0	0	0	0	0	0.83	0.73	0	0	0	0	0	0
5/10/2023 0:39	29402 BELT_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
5/10/2023 0:51	47401 PENS_T1	7	0	-7	0.11	0	-0.11	0.62	0.59	0	0	0	0	0	0
5/10/2023 1:02	48902 FOSP_T2	0	0	0	0	0	0	-0.42	-0.41	0	0	0	0	0	0
5/10/2023 1:06	60801 BUCK_T1	174	153	-21	0.48	0.31	-0.17	0	0	0	0	0	0	0	0
5/10/2023 1:07	47401 PENS_T1	0	0	0	0	0	0	0.59	0.58	0	0	0	0	0	0
5/10/2023 1:14	56802 BENV_T2	61	1	-60	0.15	0.9	0.75	-1.59	-1.59	0	0	0	0	0	0
5/10/2023 1:15	60801 BUCK_T1	101	181	80	0.24	0.51	0.27	0	0	0	0	0	0	0	0
5/10/2023 1:35	67204 TEHI_T2	92	121	29	0.19	0.46	0.27	-0.03	-0.03	0	0	0	0	0	0
5/10/2023 1:37	24105 EHAZ_T1	5	4	-1	5.64	5.88	0.24	0	0	0	0	0	0	0	0

Appendix C - Grid Benefits Achieved in Each Instance of Active Management

5/10/2023 10:00	66703 STRA_T1	0	0	0	0	0	0	-0.08	-0.12	0	0	0	0	0	0
5/10/2023 10:00	49803 UNIV_T1	18	56	38	0.13	0.24	0.11	-2.14	-2.19	0	0	0	0	0	0
5/10/2023 10:00	29401 BELT_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
5/10/2023 10:00	14404 SSLA_T1	0	1	1	0	0.3	0.3	0	0	0	0	0	0	0	0
5/10/2023 10:00	29402 BELT_T1	1	2	1	0.4	0.3	-0.1	0	0	0	0	0	0	0	0
5/10/2023 10:00	67503 WEWI_T2	0	2	2	0	0.25	0.25	0	0	0	0	0	0	0	0
5/10/2023 10:00	58401 MORO_T1	1	6	5	0.2	0.38	0.18	0	0	0	0	0	0	0	0
5/10/2023 10:00	60803 BUCK_T1	0	0	0	0	0	0	-0.94	-0.95	1	1	0	600	600	0
5/10/2023 10:00	64802 MONE_T2	3	3	0	0.4	0.5	0.1	0	0	0	0	0	0	0	0
5/10/2023 10:00	28604 BLYT_T2	1	1	0	0.1	0.4	0.3	-1.44	-1.45	0	0	0	0	0	0
5/10/2023 10:00	56802 BENV_T2	8	12	4	0.44	0.45	0.01	-2.31	-2.28	0	0	0	0	0	0
5/10/2023 10:00	24101 EHAZ_T1	1	2	1	1.1	0.8	-0.3	0.24	0.37	2	2	0	1200	1200	0
5/10/2023 10:00	52403 GRPA_T2	29	42	13	0.39	0.39	0	-0.43	-0.39	0	0	0	0	0	0
5/10/2023 10:00	59101 WALK_T2	0	0	0	0	0	0	0.36	0.55	0	0	0	0	0	0
5/10/2023 10:00	12604 MACA_T1	0	0	0	0	0	0	0.25	0.26	0	0	0	0	0	0
5/10/2023 10:00	48901 FOSP_T2	0	0	0	0	0	0	0.01	0	1	1	0	600	600	0
5/10/2023 10:00	45002 LIME_2	0	1	1	0	0	0	0	0	0	0	0	0	0	0
5/10/2023 10:00	56803 BENV_T1	4	6	2	0.55	0.63	0.08	0	0	0	0	0	0	0	0
5/10/2023 10:00	41901 REED_T1	1	0	-1	0.1	0	-0.1	-1.29	-1.27	1	1	0	900	900	0
5/10/2023 10:00	52502 PROG_T2	2	4	2	0.25	0.3	0.05	0	0	0	0	0	0	0	0
5/10/2023 10:00	40601 PIGR_T1	4	11	7	0.45	0.43	-0.02	0	0	0	0	0	0	0	0
5/10/2023 10:00	53501 EVIL_T2	1	1	0	0.4	0.3	-0.1	0.41	0.35	2	2	0	1200	1200	0
5/10/2023 10:00	49804 UNIV_T1	0	1	1	0	0.9	0.9	1.02	1.11	0	0	0	0	0	0
5/10/2023 10:00	20402 ASHF_T2	4	7	3	0.25	0.48	0.23	0	0	0	0	0	0	0	0
5/10/2023 10:00	28602 BLYT_T2	0	0	0	0	0	0	-0.01	0.01	0	0	0	0	0	0
5/10/2023 10:00	42701 AUGU_T1	0	0	0	0	0	0	0	0	2	2	0	1200	1200	0
5/10/2023 10:00	44502 HAMI_T2	2	2	0	1.3	1.3	0	-2	-1.9	0	0	0	0	0	0
5/10/2023 10:00	67204 TEHI_T2	0	0	0	0	0	0	-0.12	-0.09	0	0	0	0	0	0
5/10/2023 10:00	44802 EDAN_T2	0	1	1	0	0.2	0.2	-1.9	-1.86	1	1	0	1200	1200	0
5/10/2023 10:00	67603 WARW_T1	1	1	0	0.4	0.6	0.2	0	0	0	0	0	0	0	0
5/10/2023 10:00	42802 SELI_T1	0	0	0	0	0	0	0.21	-2.27	0	0	0	0	0	0
5/10/2023 10:00	45901 AUBU_T1	0	0	0	0	0	0	3.36	3.28	0	0	0	0	0	0
5/10/2023 10:00	47403 PENS_T1	0	1	1	0	2.1	2.1	0	0	0	0	0	0	0	0
5/10/2023 10:00	43401 BENT_T1	0	1	1	0	0	0	0	0	0	0	0	0	0	0
5/10/2023 10:00	54001 SDLE_T1	9	10	1	0.78	0.82	0.04	0	0	1	1	0	600	600	0
5/10/2023 10:00	56601 HAMP_T1	0	0	0	0	0	0	-0.04	-0.09	0	0	0	0	0	0
5/10/2023 10:20	51304 WIND_T2	2	2	0	0.45	0.45	0	0	0	0	0	0	0	0	0
5/10/2023 11:18	28601 BLYT_T2	0	1	1	0	0.3	0.3	0	0	0	0	0	0	0	0
5/10/2023 11:22	20401 ASHF_T2	8	67	59	0.51	0.3	-0.21	0	0	0	0	0	0	0	0
5/10/2023 11:29	59102 WALK_T2	1	1	0	0.2	0.5	0.3	0	0	0	0	0	0	0	0
5/10/2023 11:31	52503 PROG_T2	1	2	1	0.1	0.2	0.1	0	0	0	0	0	0	0	0
5/10/2023 11:36	28604 BLYT_T2	3	7	4	0.23	0.51	0.28	-1.44	-1.45	0	0	0	0	0	0
5/10/2023 11:41	20403 ASHF_T2	14	12	-2	0.89	0.65	-0.24	1.33	1.33	0	0	0	0	0	0
5/10/2023 12:03	40602 PIGR_T1	2	2	0	0.65	0.7	0.05	0	0	0	0	0	0	0	0
5/10/2023 12:03	52502 PROG_T2	3	6	3	0.27	0.32	0.05	-0.73	-0.72	1	1	0	900	900	0
5/10/2023 12:10	66302 MCGO_T2	239	21	-218	0.21	0.27	0.06	-1.67	-1.46	1	1	0	600	600	0
5/10/2023 12:14	59102 WALK_T2	1	5	4	0.4	0.44	0.04	0	0	0	0	0	0	0	0
5/10/2023 12:17	45003 LIME_2	1	1	0	3.9	4	0.1	0	0	1	1	0	1200	1200	0
5/10/2023 12:18	28601 BLYT_T2	1	1	0	0.7	0.7	0	0	0	0	0	0	0	0	0
5/10/2023 12:22	20402 ASHF_T2	4	4	0	0.28	0.4	0.12	0	0	0	0	0	0	0	0
5/10/2023 12:23	57602 RUTH_T2	1	2	1	0.1	0.2	0.1	0.08	0.06	0	0	0	0	0	0
5/10/2023 12:26	56803 BENV_T1	6	5	-1	0.82	0.78	-0.04	0	0	0	0	0	0	0	0
5/10/2023 12:27	60803 BUCK_T1	171	185	14	0.51	0.73	0.22	0	0	0	0	0	0	0	0
5/10/2023 12:29	57602 RUTH_T2	1	2	1	0.1	0.2	0.1	0.08	0.06	0	0	0	0	0	0
5/10/2023 12:33	56802 BENV_T2	9	12	3	0.3	0.41	0.11	-0.74	-0.69	0	0	0	0	0	0
5/10/2023 12:34	66701 STRA_T1	1	2	1	0.7	0.5	-0.2	0	0	0	0	0	0	0	0
5/10/2023 12:35	56801 BENV_T1	39	44	5	0.62	0.5	-0.12	-0.17	-0.15	0	0	0	0	0	0
5/10/2023 12:36	52502 PROG_T2	5	7	2	0.36	0.6	0.24	-0.72	-0.71	1	1	0	900	900	0
5/10/2023 12:39	42802 SELI_T1	0	0	0	0	0	0	-1.01	-1.01	0	0	0	0	0	0
5/10/2023 12:43	58402 MORO_T1	2	0	-2	0.2	0	-0.2	-1.17	-1.12	2	2	0	1500	1500	0
5/10/2023 12:50	44502 HAMI_T2	2	2	0	1	1.3	0.3	-0.88	-0.79	0	0	0	0	0	0
5/10/2023 12:51	56803 BENV_T1	5	5	0	0.74	0.7	-0.04	0	0	0	0	0	0	0	0
5/10/2023 12:57	49804 UNIV_T1	2	1	-1	0.45	0.6	0.15	0	0	0	0	0	0	0	0
5/10/2023 13:09	44502 HAMI_T2	2	1	-1	1.3	2	0.7	-0.79	-0.83	0	0	0	0	0	0
5/10/2023 13:28	23401 HONE_T2	2	2	0	0.95	0.9	-0.05	0.39	0.38	0	0	0	0	0	0
5/10/2023 13:54	45902 AUBU_T1	0	1	1	0	0.1	0.1	-0.65	-0.71	1	1	0	600	600	0
5/10/2023 13:56	46302 ROHR_T1	4	4	0	1.1	0.9	-0.2	0.08	0.08	0	0	0	0	0	0
5/10/2023 13:59	46802 HEPB_T1	5	6	1	0.54	0.45	-0.09	-0.24	-0.23	0	0	0	0	0	0
5/10/2023 14:00	56803 BENV_T1	3	4	1	0.67	0.85	0.18	0	0	0	0	0	0	0	0
5/10/2023 14:09	14802 TREI_T2	6	11	5	0.63	0.45	-0.18	0	0	0	0	0	0	0	0
5/10/2023 14:10	45003 LIME_2	1	1	0	2.5	2.4	-0.1	0	0	1	1	0	1200	1200	0
5/10/2023 14:13	56801 BENV_T1	31	41	10	0.44	0.45	0.01	-0.12	-0.14	0	0	0	0	0	0
5/10/2023 14:17	57603 RUTH_T2	1	0	-1	0.3	0	-0.3	0	0	0	0	0	0	0	0
5/10/2023 14:19	56803 BENV_T1	4	3	-1	0.85	0.85	0	0	0	0	0	0	0	0	0
5/10/2023 14:23	45001 LIME_2	1	1	0	0.7	0.8	0.1	0	0	0	0	0	0	0	0
5/10/2023 14:25	57601 RUTH_T2	1	1	0	0.9	0.8	-0.1	0	0	0	0	0	0	0	0
5/10/2023 14:30	42701 AUGU_T1	7	7	0	0.39	0.57	0.18	0	0	2	2	0	1800	1800	0
5/10/2023 14:41	65604 QVIL_T2	0	0	0	0	0	0	0.26	0.26	0	0	0	0	0	0
5/10/2023 14:48	24101 EHAZ_T1	0	1	1	0	0	0	0.85	0.79	2	2	0	1200	1200	0
5/10/2023 14:50	44502 HAMI_T2	1	4	3	2.4	1.23	-1.17	-0.87	-0.82	0	0	0	0	0	0
5/10/2023 14:57	47402 PENS_T1	2	2	0	0.5	0.35	-0.15	0	0	0	0	0	0	0	0
5/10/2023 14:58	41601 CLEV_T1	0	1	1	0	0	0	0	0	0	0	0	0	0	0
5/10/2023 14:58	16302 ALPA_T2	1	1	0	1.1	0.8	-0.3	0.77	0.79	0	0	0	0	0	0
5/10/2023 14:59	29402 BELT_T1	2	2	0	0.55	0.5	-0.05	0	0	0	0	0	0	0	0
5/10/2023 14:59	24104 EHAZ_T1	2	3	1	0.2	0.3	0.1	0	0	0	0	0	0	0	0
5/10/2023 15:04	29402 BELT_T1	2	2	0	0.5	0.5	0	0	0	0	0	0	0	0	0
5/10/2023 15:06	16302 ALPA_T2	1	1	0	0.8	0.5	-0.3	0.79	0.82	0	0	0	0	0	0
5/10/2023 15:10	45001 LIME_2	1	2	1	1.1	0.2	-0.9	0	0	0	0	0	0	0	0
5/10/2023 15:15	47401 PENS_T1	2	1	-1	0.2	0	-0.2	1.27	1.16	0	0	0	0	0	0
5/10/2023 15:17	26402 INOR_T1	1	3	2	0.8	0.4	-0.4	-0.34	-0.36	0	0	0	0	0	0
5/10/2023 15:20	56803 BENV_T1	4	4	0	0.55	0.53	-0.02	0	0	0	0	0	0	0	0
5/10/2023 15:28	45501 DERR_T2	2	0	-2	0.35	0	-0.35	1.22	1.33	2	2	0	1800	1800	0
5/10/2023 15:29	41902 REED_T1	0	0	0	0	0	0	-0.01	-0.01	0	0	0	0	0	0
5/10/2023 15:42	39601 LNFD_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
5/10/2023 15:53	42701 AUGU_T1	6	3	-3	0.35	0.5	0.15	0	0	2	2	0	1800	1800	0
5/10/2023 15:59	29402 BELT_T1	1	1	0	0.2	0.2	0	0	0	0	0	0	0	0	0
5/10/2023 16:17	47403 PENS_T1	2	0	-2	0.1	0	-0.1	0	0	0	0	0	0	0	0
5/10/2023 16:48	24101 EHAZ_T1	0	0	0	0	0	0	0.55	0.34	1	1	0	600	600	0
5/10/2023 17:38	50102 HARR_T3	1	1	0	0	0	0	0	0	0	0	0	0	0	0
5/10/2023 17:39	44901 SCOT_T2	0	0	0	0	0	0	0.24	0.37	0	0	0	0	0	0
5/10/2023 17:58	16302 ALPA_T2	0	0	0	0	0	0	0.88	0.8	0	0	0	0	0	0
5/10/2023 18:02	67204 TEHI_T2	0	0	0	0	0	0	0.13	0.13	0	0	0	0	0	0
5/10/2023 18:39	44901 SCOT_T2	0	0	0	0	0	0	0.14	0.09	0	0	0	0	0	0
5/10/2023 19:33	56801 BENV_T1	49	48	-1	0.4	0.52	0.12	-0.74	-0.74	1	1	0	600	600	0
5/10/2023 20:10	59101 WALK_T2	0	0	0	0	0	0	1.23	1.35	0	0	0	0	0	0
5/10/2023 20:12	61103 BERK_T5	0	0	0	0	0	0	0.13	0.13	0	0	0	0	0	0
5/10/2023 20:27	41901 REED_T1	16	17	1	1.13	0.99	-0.14	0	0	0	0	0	0	0	0
5/10/2023 20:27	57602 RUTH_T2	0	0	0	0	0	0	0.09	0.16	0	0	0	0	0	0
5/10/2023 20:37	41902 REED_T1	0	0	0	0	0	0	-0.01	-0.01	0	0	0	0	0	0
5/10/2023 20:46	24105 EHAZ_T1	4	4	0	5.73	5.53	-0.2	0	0	0	0	0	0	0	0
5/10/2023 20:51	42601 TUSC_T1	0	0	0	0	0	0	0	0	1	1	0	600	600	0
5/10/2023 20:58	29402 BELT_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
5/10/2023 21:02	16302 ALPA_T2	0	0	0	0	0	0	0.66	0.65	0	0	0	0	0	0
5/10/2023 21:03	46802 HEPB_T1	1	1	0	0.6	0.8	0.2	-0.19	-0.16	0	0	0	0	0	0
5/10/2023 21:08	23401 HONE_T2	0	0	0	0	0	0	0.27	0.28	0	0	0	0	0	0
5/10/2023 21:11	57602 RUTH_T2	0	0	0	0	0	0	0.13	0.01	0	0	0	0	0	0
5/10/2023 23:07	28602 BLYT_T2	1	0	-1	0.6	0	-0.6	0	0	0	0	0	0	0	0
5/10/2023 23:13	41902 REED_T1	0	0	0	0	0	0	0.97	0.93	0	0	0	0	0	0
5/10/2023 23:26	20403 ASHF_T2	23	23	0	0.27	0.39	0.12	-0.06	-0.11	0	0	0	0	0	0
5/10/2023 23:28	44901 SCOT_T2	0	0	0	0	0	0	0.02	0.18	0	0	0	0	0	0
5/10/2023 23:37	47402 PENS_T1	1	1	0	0.2	0.3	0.1	0	0	0	0	0	0	0	0
5/11/2023 0:02	52502 PROG_T2	0	0	0	0	0	0	-0.8	-0.83	1	1	0	900	900	0
5/11/2023 0:28	45003 LIME_2	2	2	0	2.9	3.1	0.2	0	0	2	2	0	2400	2400	0
5/11/2023 0:28	42701 AUGU_T1	1	1	0	1.7	1.9	0.2	0	0	4	4	0	3600	3600	0
5/11/2023 0:28	57602 RUTH_T2	0	2	2	0	0.35	0.35	-0.12	-0.18	0	0	0	0	0	0
5/11/2023 0:28	40602 PIGR_T1	1	1	0	0.4	0.2	-0.2	0	0	0	0	0	0	0	0
5/11/2023 0:28	26401 INOR_T1	119	82	-37	0.29	0.25	-0.04	0	0	0	0	0	0	0	0
5/11/2023 0:28	41602 CLEV_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
5/11/2023 0:28	20403 ASHF_T2	0	0	0	0	0	0	-0.13	-0.12	0	0	0	0	0	0
5/11/2023 0:28	56801 BENV_T1	30	47	17	0.99	1.13	0.14	-1.86	-1.92	2	2	0	1200	1200	0
5/11/2023 0:28	16302 ALPA_T2	0	0	0	0	0	0	0.47	0.46	0	0	0	0	0	0
5/11/2023 0:28	56802 BENV_T2	1	148	147	0.9	0.23	-0.67	-3.13	-3.1	0	0	0	0	0	0
5/11/2023 0:28	46302 ROHR_T1	3	3	0	0.9	1.27	0.37	0	0	0	0	0	0	0	0
5/11/2023 0:28	44502 HAMI_T2	1	1	0	3.7	3.7	0	-1.08	-1.1	0	0	0	0	0	0
5/11/2023 0:28	47401 PENS_T1	1	14	13	0.1	0.23	0.13	1.2	1.13	0	0	0	0	0	0
5/11/2023 0:28	44901 SCOT_T2	0	0	0	0	0	0	0.24	0.17	0	0	0	0	0	0
5/11/2023 0:28	52502 PROG_T2	0	0	0	0	0	0	-0.85	-0.88	1	1	0	900	900	0
5/11/2023 0:28	45501 DERR_T2	1	1	0	0.1	0.4	0.3	-0.03	0.06	2	2	0	1800	1800	0
5/11/2023 0:28	45902 AUBU_T1	0	0	0	0	0	0	-1.08	-1.06	1	1	0	600	600	0
5/11/2023 0:51	57602 RUTH_T2	2	2	0	0.35	0.4	0.05	-0.12	-1.09	0	0	0	0	0	0
5/11/2023 1:02	52502 PROG_T2	0	0	0	0	0	0	-0.84	-0.87	1	0	-1	900	0	-900
5/11/2023 1:14	66301 MCGO_T2	0	1	1	0	0.8	0.8	0	0	0	0	0	0	0	0
5/11/2023 1:16	52502 PROG_T2	0	0	0	0	0	0	-0.87	-0.88	0	1	1	0	900	900
5/11/2023 1:27	45902 AUBU_T1	0	23	23	0	0.73	0.73	0	0	0	0	0	0	0	0
5/11/2023 1:28	59101 WALK_T2	0	0	0	0	0	0	0.96	0.98	0	0	0	0	0	0
5/11/2023 1:30	66302 MCGO_T2	0	0	0	0	0	0	-1.14	-1.13	0	0	0	0	0	0
5/11/2023 1:32	45901 AUBU_T1	3	0	-3	0.67	0	-0.67	1.76	1.66	0	0	0	0	0	0
5/11/2023 1:36	52403 GRPA_T2	21	26	5	0.27	0.35	0.08	-0.34	-0.33	0	0	0	0	0	0
5/11/2023 1:42	16302 ALPA_T2	0	0	0	0	0	0	0.47	0.47	0	0	0	0	0	0
5/11/2023 1:47	42802 SELI_T1	0	0	0	0	0	0	-0.21	-0.19	0	0	0	0	0	0
5/11/2023 1:47	59101 WALK_T2	0	0	0	0	0	0	0.98	0.92	0	0	0	0	0	0
5/11/2023 1:50	14801 TREI_T2	0	0	0	0	0	0	0.15	0.17	0	0	0	0	0	0
5/11/2023 1:54	59101 WALK_T2	0	0	0	0	0	0	0.92	0.95	0	0	0	0	0	0
5/11/2023 2:00	42802 SELI_T1	0	0	0	0	0	0	-0.19	-0.12	0	0	0	0	0	0
5/11/2023 2:01	49804 UNIV_T1	2	2	0	0.6	0.5	-0.1	0	0	0	0	0	0	0	0
5/11/2023 2:01	42802 SELI_T1	0	0	0	0	0	0	-0.19	-0.12	0	0	0	0	0	0
5/11/2023 2:01	66703 STRA_T1	8	30	22	0.28	0.16	-0.12	-0.55	-0.54	0	0	0	0	0	0
5/11/2023 2:04	57602 RUTH_T2	2	2	0	0.1	0.2	0.1	-0.13	-0.09	0	0	0	0	0	0
5/11/2023 2:05	56801 BENV_T1	48	50	2	1.22	1.18	-0.04	-0.94	-0.94	1	1	0	600	600	0
5/11/2023 2:06	58402 MORO_T1	0	0	0	0	0	0	-0.68	-0.72	1	1	0	600	600	0
5/11/2023 2:07	60803 BUCK_T1	0	0	0	0	0	0	-1.13	-1.21	1	1	0	600	600	0
5/11/2023 2:07	57602 RUTH_T2	2	2	0	0.1	0.2	0.1	-0.13	-0.09	0	0	0	0	0	0
5/11/2023 2:08	44901 SCOT_T2	0	0	0	0	0	0	0.03	0.07	0	0	0	0	0	0
5/11/2023 2:10	56801 BENV_T1	48	50	2	1.22	1.18	-0.04	-0.94	-0.94	1	1	0	600	600	0
5/11/2023 2:11	59101 WALK_T2	0	0	0	0	0	0	0.95	0.99	0	0	0	0	0	0
5/11/2023 2:12	66703 STRA_T1	8	30	22	0.28	0.16	-0.12	-0.54	-0.55	0	0	0	0	0	0
5/11/2023 2:13	56801 BENV_T1	48	50	2	1.22	1.18	-0.04	-0.94	-0.94	1	1	0	600	600	0
5/11/2023 2:15	60803 BUCK_T1	0	0	0	0	0	0	-1.13	-1.21	1	1	0	600	600	0
5/11/2023 2:16	14801 TREI_T2	0	0	0	0	0	0	0.17	0.16	0	0	0	0	0	0
5/11/2023 2:17	56801 BENV_T1	48	49	1	1.17	1.24	0.07	-0.94	-0.94	1	1	0	600	600	0
5/11/2023 2:17	59101 WALK_T2	0	0	0	0	0	0	0.95	0.99	0	0	0	0	0	0
5/11/2023 2:20	49803 UNIV_T1	0	75	75	0	0.34	0.34	-1.05	-1.32	0	0	0	0	0	0
5/11/2023 2:21	58402 MORO_T1	0	0	0	0	0	0	-0.72	-0.68	1	1	0	600	600	0
5/11/2023 2:22	44502 HAMI_T2	1	1	0	3.8	3.7	-0.1	-1.1	-1.13	0	0	0	0	0	0
5/11/2023 2:22	59101 WALK_T2	0	0	0	0	0	0	0.99	0.99	0	0	0	0	0	0
5/11/2023 2:23	56801 BENV_T1	48	49	1	1.17	1.24	0.07	-0.94	-0.94	1	1	0	600	600	0
5/11/2023 2:24	56801 BENV_T1	48	49	1	1.17	1.24	0.07	-1.88	-1.88	2	2	0	1200	1200	0
5/11/2023 2:25	56801 BENV_T1	48	49	1	1.17

Appendix C - Grid Benefits Achieved in Each Instance of Active Management

5/11/2023 10:00	60803 BUCK_T1	0	0	0	0	0	0	-0.86	-0.87	1	1	0	600	600	0
5/11/2023 10:00	52402 GRPA_T2	2	9	7	0.65	0.37	-0.28	0	0	0	0	0	0	0	0
5/11/2023 10:00	52503 PROG_T2	0	0	0	0	0	0	-0.72	-0.73	1	1	0	900	900	0
5/11/2023 10:00	67605 WARW_T1	1	3	2	1.1	0.5	-0.6	0	0	0	0	0	0	0	0
5/11/2023 10:00	28604 BLYT_T2	2	3	1	0.3	0.37	0.07	-1.46	-1.44	0	0	0	0	0	0
5/11/2023 10:00	56801 BENV_T1	54	54	0	1.21	1.19	-0.02	-5.95	-5.67	7	7	0	4200	4200	0
5/11/2023 10:00	28604 BLYT_T2	2	3	1	0.3	0.37	0.07	-1.46	-1.44	0	0	0	0	0	0
5/11/2023 10:00	66303 MCGO_T2	0	1	1	0	1.8	1.8	0	0	0	0	0	0	0	0
5/11/2023 10:00	26401 INOR_T1	1	3	2	0	0.25	0.25	0	0	0	0	0	0	0	0
5/11/2023 10:00	40601 PIGR_T1	12	10	-2	0.24	0.33	0.09	0	0	0	0	0	0	0	0
5/11/2023 10:00	59101 WALK_T2	0	1	1	0	0.2	0.2	0	0	0	0	0	0	0	0
5/11/2023 10:00	50105 HARR_T3	6	6	0	5.77	5.65	-0.12	0	0	0	0	0	0	0	0
5/11/2023 10:00	47401 PENS_T1	0	1	1	0	0.1	0.1	2.11	1.98	0	0	0	0	0	0
5/11/2023 10:00	42601 TUSC_T1	0	0	0	0	0	0	0	0	1	1	0	600	600	0
5/11/2023 10:00	45002 LIME_2	1	0	-1	0.2	0	-0.2	0	0	0	0	0	0	0	0
5/11/2023 10:00	45901 AUBU_T1	0	0	0	0	0	0	1.98	1.98	0	0	0	0	0	0
5/11/2023 10:00	52502 PROG_T2	0	0	0	0	0	0	-2.25	-2.29	3	3	0	2700	2700	0
5/11/2023 10:00	57601 RUTH_T2	0	1	1	0	0.2	0.2	0	0	0	0	0	0	0	0
5/11/2023 10:00	23401 HONE_T2	0	0	0	0	0	0	0.37	0.39	0	0	0	0	0	0
5/11/2023 10:00	44502 HAMI_T2	1	2	1	2.1	1.15	-0.95	-1.84	-1.86	0	0	0	0	0	0
5/11/2023 10:00	14801 TREI_T2	2	3	1	0.65	0.43	-0.22	0.24	0.24	0	0	0	0	0	0
5/11/2023 10:00	64801 MONE_T2	3	6	3	0.57	0.45	-0.12	0.27	0.21	0	0	0	0	0	0
5/11/2023 10:00	66703 STRA_T1	0	0	0	0	0	0	-0.1	-0.08	0	0	0	0	0	0
5/11/2023 10:00	61103 BERK_T5	1	1	0	0.2	0.2	0	-0.01	-0.01	0	0	0	0	0	0
5/11/2023 10:00	41602 CLEV_T1	0	2	2	0	0.1	0.1	0	0	0	0	0	0	0	0
5/11/2023 10:00	42701 AUGU_T1	0	0	0	0	0	0	0	0	2	2	0	1200	1200	0
5/11/2023 10:00	45502 DERR_T2	29	31	2	0.59	0.35	-0.24	0	0	0	0	0	0	0	0
5/11/2023 10:00	65604 QVIL_T2	1	0	-1	3.5	0	-3.5	0.27	0.29	0	0	0	0	0	0
5/11/2023 10:00	45901 AUBU_T1	0	0	0	0	0	0	1.98	1.98	0	0	0	0	0	0
5/11/2023 10:00	46301 ROHR_T1	0	2	2	0	0.5	0.5	0	0	0	0	0	0	0	0
5/11/2023 10:00	56802 BENV_T2	5	8	3	0.26	0.48	0.22	-1.48	-1.54	0	0	0	0	0	0
5/11/2023 10:00	67204 TEHI_T2	0	0	0	0	0	0	-0.14	-0.16	0	0	0	0	0	0
5/11/2023 10:00	44901 SCOT_T2	0	0	0	0	0	0	0.24	0.43	0	0	0	0	0	0
5/11/2023 10:00	16302 ALPA_T2	3	1	-2	0.53	0.2	-0.33	-0.66	-0.67	0	0	0	0	0	0
5/11/2023 10:00	41902 REED_T1	0	0	0	0	0	0	3.27	3.12	0	0	0	0	0	0
5/11/2023 10:00	46802 HEPB_T1	2	5	3	0.85	0.54	-0.31	-0.32	-0.3	0	0	0	0	0	0
5/11/2023 10:00	56601 HAMP_T1	0	0	0	0	0	0	-0.06	-0.1	0	0	0	0	0	0
5/11/2023 10:00	29402 BELT_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
5/11/2023 10:00	48902 FOSP_T2	0	0	0	0	0	0	1.58	0.82	0	0	0	0	0	0
5/11/2023 10:00	44801 EDAN_T2	1	1	0	0.3	0.6	0.3	0	0	0	0	0	0	0	0
5/11/2023 10:00	58402 MORO_T1	0	0	0	0	0	0	-1.16	-1.13	2	2	0	1500	1500	0
5/11/2023 10:00	39601 LNFD_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
5/11/2023 10:00	42802 SELI_T1	1	0	-1	0.3	0	-0.3	-2.14	-1.94	0	0	0	0	0	0
5/11/2023 10:00	49803 UNIV_T1	28	40	12	0.16	0.24	0.08	-0.71	-0.75	0	0	0	0	0	0
5/11/2023 10:00	42201 SHEN_T2	0	2	2	0	0	0	0.65	0.72	0	0	0	0	0	0
5/11/2023 11:09	59102 WALK_T2	3	2	-1	0.4	0.9	0.5	0	0	0	0	0	0	0	0
5/11/2023 11:12	47401 PENS_T1	1	0	-1	0.1	0	-0.1	1.04	1.15	0	0	0	0	0	0
5/11/2023 11:15	48901 FOSP_T2	0	0	0	0	0	0	-0.05	-0.06	1	1	0	600	600	0
5/11/2023 11:18	41902 REED_T1	0	1	1	0	0.5	0.5	0	0	0	0	0	0	0	0
5/11/2023 11:19	47402 PENS_T1	0	1	1	0	0.4	0.4	0	0	0	0	0	0	0	0
5/11/2023 11:20	47802 MOCA_T2	2	2	0	0.65	0.9	0.25	-0.87	-0.88	0	0	0	0	0	0
5/11/2023 11:21	28601 BLYT_T2	0	1	1	0	0.3	0.3	0	0	0	0	0	0	0	0
5/11/2023 11:24	56801 BENV_T1	51	54	3	0.94	0.93	-0.01	-0.18	-0.15	0	0	0	0	0	0
5/11/2023 11:37	28601 BLYT_T2	1	1	0	0.1	0.4	0.3	0	0	0	0	0	0	0	0
5/11/2023 11:40	42801 SELI_T1	0	1	1	0	6.7	6.7	0	0	0	0	0	0	0	0
5/11/2023 11:45	56802 BENV_T2	205	142	-63	0.35	0.24	-0.11	-0.7	-0.68	0	0	0	0	0	0
5/11/2023 11:49	56803 BENV_T1	9	7	-2	0.66	0.77	0.11	0	0	0	0	0	0	0	0
5/11/2023 11:57	52502 PROG_T2	0	0	0	0	0	0	-0.72	-0.68	1	1	0	900	900	0
5/11/2023 11:59	56802 BENV_T2	205	142	-63	0.35	0.24	-0.11	-0.68	-0.67	0	0	0	0	0	0
5/11/2023 12:09	52401 GRPA_T2	0	0	0	0	0	0	-0.38	-0.39	0	0	0	0	0	0
5/11/2023 12:10	52502 PROG_T2	0	4	4	0	0.43	0.43	-0.68	-0.66	1	1	0	900	900	0
5/11/2023 12:38	46506 LOHA_T1	1	1	0	0.6	0.3	-0.3	-0.51	-0.52	0	0	0	0	0	0
5/11/2023 12:45	67502 WEWI_T2	9	5	-4	0.34	0.66	0.32	-0.32	-0.18	0	0	0	0	0	0
5/11/2023 12:51	49804 UNIV_T1	0	4	4	0	0.33	0.33	1.33	1.31	0	0	0	0	0	0
5/11/2023 12:59	45902 AUBU_T1	0	0	0	0	0	0	-0.38	-0.46	1	1	0	600	600	0
5/11/2023 13:11	49803 UNIV_T1	153	155	2	0.7	0.73	0.03	0	0	0	0	0	0	0	0
5/11/2023 13:13	46504 LOHA_T1	2	2	0	0.2	0.35	0.15	0	0	0	0	0	0	0	0
5/11/2023 13:34	56802 BENV_T2	14	14	0	0.37	0.49	0.12	-0.67	-0.69	0	0	0	0	0	0
5/11/2023 13:55	52403 GRPA_T2	1	1	0	0.9	1.1	0.2	-0.1	-0.13	0	0	0	0	0	0
5/11/2023 14:08	52402 GRPA_T2	4	3	-1	0.25	0.13	-0.12	0	0	0	0	0	0	0	0
5/11/2023 14:08	42802 SELI_T1	0	0	0	0	0	0	-0.99	-0.92	0	0	0	0	0	0
5/11/2023 14:10	56802 BENV_T2	14	14	0	0.49	0.46	-0.03	-0.65	-0.63	0	0	0	0	0	0
5/11/2023 14:13	56803 BENV_T1	3	2	-1	0.6	0.7	0.1	0	0	0	0	0	0	0	0
5/11/2023 14:14	42802 SELI_T1	0	0	0	0	0	0	-0.99	-0.92	0	0	0	0	0	0
5/11/2023 14:16	47403 PENS_T1	1	1	0	1.3	2.4	1.1	0	0	0	0	0	0	0	0
5/11/2023 14:18	56801 BENV_T1	16	3	-13	0.43	0.67	0.24	-0.1	-0.08	0	0	0	0	0	0
5/11/2023 14:19	56802 BENV_T2	13	8	-5	0.48	0.35	-0.13	-1.26	-1.3	0	0	0	0	0	0
5/11/2023 14:21	28601 BLYT_T2	1	1	0	0.7	0.4	-0.3	0	0	0	0	0	0	0	0
5/11/2023 14:33	42701 AUGU_T1	0	3	3	0	0.23	0.23	0	0	2	2	0	1800	1800	0
5/11/2023 14:34	42701 AUGU_T1	0	3	3	0	0.23	0.23	0	0	2	2	0	1800	1800	0
5/11/2023 14:45	57602 RUTH_T2	1	2	1	0.1	0.35	0.25	-0.69	-0.63	0	0	0	0	0	0
5/11/2023 14:48	57603 RUTH_T2	0	2	2	0	0.2	0.2	0	0	0	0	0	0	0	0
5/11/2023 14:49	42701 AUGU_T1	1	5	4	0.1	0.26	0.16	0	0	2	2	0	1800	1800	0
5/11/2023 14:51	48901 FOSP_T2	0	0	0	0	0	0	-0.42	-0.41	1	1	0	600	600	0
5/11/2023 15:01	29402 BELT_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
5/11/2023 15:03	60101 COCA_T1	2	3	1	0.1	0.4	0.3	0.37	0.4	0	0	0	0	0	0
5/11/2023 15:09	24104 EHAZ_T1	0	2	2	0	0.2	0.2	0	0	0	0	0	0	0	0
5/11/2023 15:15	47403 PENS_T1	0	1	1	0	2.1	2.1	0	0	0	0	0	0	0	0
5/11/2023 15:15	24104 EHAZ_T1	2	1	-1	0.2	0.3	0.1	0	0	0	0	0	0	0	0
5/11/2023 15:37	55101 WERT_T1	0	0	0	0	0	0	-2.1	-2.18	4	4	0	3300	3300	0
5/11/2023 15:47	57601 RUTH_T2	0	0	0	0	0	0	-0.23	-0.15	1	1	0	900	900	0
5/11/2023 15:49	24105 EHAZ_T1	4	5	1	5.98	5.78	-0.2	0	0	0	0	0	0	0	0
5/11/2023 15:51	45901 AUBU_T1	0	0	0	0	0	0	2.2	2.2	0	0	0	0	0	0
5/11/2023 15:53	42701 AUGU_T1	1	2	1	0.1	0.2	0.1	0	0	2	2	0	1800	1800	0
5/11/2023 16:17	52502 PROG_T2	0	0	0	0	0	0	-0.46	-0.49	1	1	0	900	900	0
5/11/2023 16:44	64101 REFR_T1	0	0	0	0	0	0	-0.01	-0.01	0	0	0	0	0	0
5/11/2023 16:55	52403 GRPA_T2	0	0	0	0	0	0	0	0.07	0	0	0	0	0	0
5/11/2023 17:08	42802 SELI_T1	0	0	0	0	0	0	-1.04	-1.02	0	0	0	0	0	0
5/11/2023 17:18	51604 DUKE_T2	0	0	0	0	0	0	-1.47	-1.47	1	1	0	900	900	0
5/11/2023 17:20	26401 INOR_T1	1	1	0	0	0	0	0	0	0	0	0	0	0	0
5/11/2023 17:25	57602 RUTH_T2	0	0	0	0	0	0	0.29	0.37	0	0	0	0	0	0
5/11/2023 18:08	42701 AUGU_T1	0	0	0	0	0	0	0	0	2	2	0	1800	1800	0
5/11/2023 18:25	26401 INOR_T1	1	1	0	0	0	0	0	0	0	0	0	0	0	0
5/11/2023 18:26	61303 EARL_T1	0	0	0	0	0	0	0.23	0.23	0	0	0	0	0	0
5/11/2023 18:26	26401 INOR_T1	1	1	0	0	0	0	0	0	0	0	0	0	0	0
5/11/2023 18:26	40902 JESH_T1	0	0	0	0	0	0	-0.3	-0.32	0	0	0	0	0	0
5/11/2023 18:26	51306 WIND_T2	0	0	0	0	0	0	0.35	0.33	0	0	0	0	0	0
5/11/2023 18:26	53601 DALM_T2	1	1	0	0.8	0.4	-0.4	-0.09	-0.1	0	0	0	0	0	0
5/11/2023 20:05	42802 SELI_T1	0	0	0	0	0	0	-1.16	-1.18	0	0	0	0	0	0
5/11/2023 20:09	59101 WALK_T2	0	0	0	0	0	0	1.19	1.45	0	0	0	0	0	0
5/11/2023 20:24	57602 RUTH_T2	0	0	0	0	0	0	0.23	0.22	0	0	0	0	0	0
5/11/2023 20:31	51306 WIND_T2	0	0	0	0	0	0	0.2	0.23	0	0	0	0	0	0
5/11/2023 20:49	48901 FOSP_T2	0	0	0	0	0	0	-0.4	-0.38	1	1	0	600	600	0
5/11/2023 21:24	67502 WEWI_T2	0	0	0	0	0	0	-0.4	-0.39	0	0	0	0	0	0
5/11/2023 21:24	47802 MOCA_T2	1	0	-1	0.1	0	-0.1	-1.03	-1.02	0	0	0	0	0	0
5/11/2023 21:57	48901 FOSP_T2	0	0	0	0	0	0	-0.41	-0.41	1	1	0	600	600	0
5/11/2023 23:19	28602 BLYT_T2	2	2	0	0.45	0.6	0.15	0	0	0	0	0	0	0	0
5/11/2023 23:36	41901 REED_T1	0	0	0	0	0	0	-0.41	-0.37	0	0	0	0	0	0
5/11/2023 23:54	47401 PENS_T1	0	1	1	0	0	0	0.74	0.76	0	0	0	0	0	0
5/11/2023 23:56	52503 PROG_T2	0	1	1	0	0	0	0	0	0	0	0	0	0	0
5/12/2023 0:02	56802 BENV_T2	51	1	-50	0.14	0.4	0.26	-0.78	-0.8	0	0	0	0	0	0
5/12/2023 0:28	28604 BLYT_T2	0	0	0	0	0	0	-1.5	-1.52	0	0	0	0	0	0
5/12/2023 0:28	42201 SHEN_T2	0	0	0	0	0	0	0.55	0.56	0	0	0	0	0	0
5/12/2023 0:28	47402 PENS_T1	1	1	0	0.6	0.9	0.3	0	0	0	0	0	0	0	0
5/12/2023 0:28	52401 GRPA_T2	1	1	0	0.5	0.6	0.1	-0.51	-0.5	0	0	0	0	0	0
5/12/2023 0:28	47802 MOCA_T2	0	0	0	0	0	0	-1.06	-1.11	0	0	0	0	0	0
5/12/2023 0:28	42802 SELI_T1	0	0	0	0	0	0	-0.13	-0.15	0	0	0	0	0	0
5/12/2023 0:28	52502 PROG_T2	0	0	0	0	0	0	-1.51	-1.63	2	2	0	1800	1800	0
5/12/2023 0:28	56802 BENV_T2	1	2	1	0.4	0.5	0.1	-0.81	-0.84	0	0	0	0	0	0
5/12/2023 0:28	59101 WALK_T2	0	0	0	0	0	0	0.87	0.8	0	0	0	0	0	0
5/12/2023 0:28	57602 RUTH_T2	0	0	0	0	0	0	-0.05	-0.05	0	0	0	0	0	0
5/12/2023 0:28	41901 REED_T1	0	0	0	0	0	0	-0.44	-0.39	0	0	0	0	0	0
5/12/2023 0:28	60101 COCA_T1	0	0	0	0	0	0	0.12	0.13	0	0	0	0	0	0
5/12/2023 0:58	47401 PENS_T1	8	48	40	0.11	0.16	0.05	0.64	0.71	0	0	0	0	0	0
5/12/2023 1:10	46504 LOHA_T1	42	57	15	0.43	0.86	0.43	0	0	0	0	0	0	0	0
5/12/2023 1:17	47402 PENS_T1	1	1	0	0.8	0.6	-0.2	0	0	0	0	0	0	0	0
5/12/2023 1:20	46504 LOHA_T1	55	57	2	0.76	0.86	0.1	0	0	0	0	0	0	0	0
5/12/2023 1:31	45901 AUBU_T1	0	0	0	0	0	0	1.29	1.16	0	0	0	0	0	0
5/12/2023 1:34	64101 REFR_T1	0	0	0	0	0	0	-0.01	-0.01	0	0	0	0	0	0
5/12/2023 1:39	45901 AUBU_T1	0	0	0	0	0	0	1.16	1.27	0	0	0	0	0	0
5/12/2023 1:42	51306 WIND_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
5/12/2023 1:43	59101 WALK_T2	0	0	0	0	0	0	0.79	0.92	0	0	0	0	0	0
5/12/2023 1:48	64101 REFR_T1	0	0	0	0	0	0	-0.01	-0.01	0	0	0	0	0	0
5/12/2023 1:49	56802 BENV_T2	1	1	0	0.6	0.8	0.2	-1.58	-1.59	0	0	0	0	0	0
5/12/2023 1:53	56802 BENV_T2	1	1	0	0.6	0.8	0.2	-1.58	-1.59	0	0	0	0	0	0
5/12/2023 1:53	56801 BENV_T1	29	32	3	0.91	0.96	0.05	-0.97	-0.97	1	1	0	600	600	0
5/12/2023 1:54	52401 GRPA_T2	1	1	0	0.2	0.3	0.1	0	0	0	0	0	0	0	0
5/12/2023 1:55	56802 BENV_T2	1	1	0	0.6	0.8	0.2	-1.58	-1.59	0	0	0	0	0	0
5/12/2023 1:55	59101 WALK_T2	0	0	0	0	0	0	0.92	0.83	0	0	0	0	0	0
5/12/2023 1:56	46506 LOHA_T1	0	1	1	0	0.1	0.1	-0.53	-0.55	0	0	0	0	0	0
5/12/2023 1:57	42701 AUGU_T1	1	1	0	1.3	1.5	0.2	0	0	1	1	0	1200	1200	0
5/12/2023 1:57	56801 BENV_T1	29	32	3	0.91	0.96	0.05	-0.97	-0.97	1	1	0	600	600	0
5/12/2023 1:58	42701 AUGU_T1	1	1	0	1.3	1.5	0.2	0	0	1	1	0	1200	1200	0
5/12/2023 1:58	56801 BENV_T1	29	32	3	0.91	0.96	0.05	-0.97	-0.97	1	1	0	600	600	0
5/12/2023 2:00	58402 MORO_T1	0	0	0	0	0	0	-0.69	-0.67	1	1	0	600	600	0
5/12/2023 2:02	56802 BENV_T2	1	1	0	0.6	0.8	0.2	-1.58	-1.59	0	0	0	0	0	0
5/12/2023 2:02	42802 SELI_T1	0	0	0	0	0	0	-0.19	-0.16	0	0	0	0	0	0
5/12/2023 2:02	45902 AUBU_T1	0	0	0	0	0	0	-0.36	-0.35	0	0	0	0	0	0
5/12/2023 2:03	46302 ROHR_T1	3	3	0	1.07	0.93	-0.14	0	0	0	0	0	0	0	0
5/12/2023 2:03	56801 BENV_T1	30	32	2	0.94	0.99	0.05	-0.97	-0.97	1	1	0	600	600	0
5/12/2023 2:03	59101 WALK_T2	0	0	0	0	0	0	0.92	0.83	0	0	0	0	0	0
5/12/2023 2:05	42802 SELI_T1	0	0	0	0	0	0	-0.16	-0.19	0	0	0	0	0	0
5/12/2023 2:07	56801 BENV_T1	30	32	2	0.94	0.99	0.05	-0.97	-0.98	1	1	0	600	600	0
5/12/2023 2:09	59101 WALK_T2	0	0	0	0	0	0	0.83	0.85	0	0	0	0	0	0
5/12/2023 2:09	56802 BENV_T2	1	1	0	0.6	0.8	0.2	-1.59	-1.59	0	0	0	0	0	0
5/12/2023 2:10	49803 UNIV_T1	127	132	5	0.58	0.76	0.18	0	0	0	0	0	0	0	0
5/12/2023 2:10	42802 SELI_T1	0	0	0	0	0	0	-0.16	-0.19	0	0	0	0	0	0
5/12/2023 2:12	56801 BENV_T1	30	32	2	0.94	0.99	0.05	-0.97	-0.98	1	1	0	600	600	0
5/12/2023 2:12	26401 INOR_T1	108	169	61	0.24	0.35	0.11	0	0	0	0	0	0	0	0
5/12/2023 2:13	40902 JESH_T1	0	0	0	0	0	0	-0.58	-0.57	0	0	0	0	0	0
5/12/2023 2:14	42802 SELI_T1	0	0	0	0	0	0	-0.16	-0.19	0	0	0	0	0	0
5/12/2023 2:16	45902 AUBU_T1	0	0	0	0	0	0	-0.35	-0.4	0	0	0	0	0	0
5/12/2023 2:16	55101 WERT_T1	0	0	0	0	0	0	-1.37	-1.35	2	2	0	1800	1800	0
5/12/2023 2:17	56802 BENV_T2	1	1	0	0.8	0.8	0	-1.59	-1.59	0	0	0	0	0	0
5/12/2023 2:21	64101 REFR_T1	0	0	0	0	0	0	-0.01	-0.01	0	0	0	0	0	0
5/12/2023 2:22	55101 WERT_T1	0	0	0	0	0	0	-1.35	-1.35	2	2	0	1800	1800	0
5/12/2023 2:22	56802 BENV_T2	1	1	0	0.8	0.8	0	-4.77	-4.74	0	0	0	0	0	0
5/12/2023 2:23	64101 REFR_T1	0	0	0	0	0	0	-0.01	-0.01	0	0	0	0	0	0
5/12/2023 2:27	57601 RUTH_T2

Appendix C - Grid Benefits Achieved in Each Instance of Active Management

5/12/2023 5:08	51604 DUKE_T2	0	0	0	0	0	0	-1.81	-1.82	1	1	0	900	900	0
5/12/2023 9:21	24104 EHAZ_T1	0	1	1	0	0.3	0.3	0	0	0	0	0	0	0	0
5/12/2023 9:24	24104 EHAZ_T1	0	1	1	0	0.3	0.3	0	0	0	0	0	0	0	0
5/12/2023 9:26	45902 AUBU_T1	0	0	0	0	0	0	-0.63	-0.64	1	1	0	600	600	0
5/12/2023 9:39	56802 BENV_T2	14	143	129	0.43	0.23	-0.2	-0.72	-0.72	0	0	0	0	0	0
5/12/2023 9:54	56802 BENV_T2	136	98	-38	0.24	0.21	-0.03	-0.72	-0.68	0	0	0	0	0	0
5/12/2023 10:00	49803 UNIV_T1	67	76	9	0.31	0.31	0	0	0	0	0	0	0	0	0
5/12/2023 10:00	56601 HAMP_T1	0	0	0	0	0	0	-0.08	-0.03	0	0	0	0	0	0
5/12/2023 10:00	52401 GRPA_T2	1	0	-1	0.1	0	-0.1	-0.5	-0.48	0	0	0	0	0	0
5/12/2023 10:00	42701 AUGU_T1	1	0	-1	0.2	0	-0.2	0	0	6	6	0	5400	5400	0
5/12/2023 10:00	52503 PROG_T2	0	0	0	0	0	0	-0.65	-0.64	1	1	0	900	900	0
5/12/2023 10:00	67503 WEWI_T2	1	1	0	0.1	0.1	0	0	0	0	0	0	0	0	0
5/12/2023 10:00	60803 BUCK_T1	0	0	0	0	0	0	-0.77	-0.77	1	1	0	600	600	0
5/12/2023 10:00	40901 JESH_T1	1	1	0	0.5	0.8	0.3	0	0	0	0	0	0	0	0
5/12/2023 10:00	12605 MACA_T1	3	6	3	0.27	0.2	-0.07	0	0	0	0	0	0	0	0
5/12/2023 10:00	61303 EARL_T1	0	0	0	0	0	0	0.73	0.77	0	0	0	0	0	0
5/12/2023 10:00	46504 LOHA_T1	2	1	-1	0.45	0.2	-0.25	0	0	0	0	0	0	0	0
5/12/2023 10:00	40603 PIGR_T1	0	0	0	0	0	0	0.31	0.32	0	0	0	0	0	0
5/12/2023 10:00	58401 MORO_T1	1	1	0	0.4	0.6	0.2	0	0	0	0	0	0	0	0
5/12/2023 10:00	67204 TEHI_T2	0	0	0	0	0	0	-0.74	-0.68	0	0	0	0	0	0
5/12/2023 10:00	52503 PROG_T2	0	0	0	0	0	0	-0.65	-0.64	1	1	0	900	900	0
5/12/2023 10:00	52403 GRPA_T2	0	0	0	0	0	0	-0.08	-0.03	0	0	0	0	0	0
5/12/2023 10:00	44802 EDAN_T2	0	2	2	0	0.1	0.1	-1.67	-1.62	1	1	0	1200	1200	0
5/12/2023 10:00	48901 FOSP_T2	0	0	0	0	0	0	0.06	-0.09	2	2	0	1200	1200	0
5/12/2023 10:00	57602 RUTH_T2	0	0	0	0	0	0	0.16	0.13	0	0	0	0	0	0
5/12/2023 10:00	51306 WIND_T2	0	0	0	0	0	0	0.26	0.34	0	0	0	0	0	0
5/12/2023 10:00	50103 HARR_T3	2	2	0	0.95	0.3	-0.65	-0.11	-0.09	0	0	0	0	0	0
5/12/2023 10:00	48901 FOSP_T2	0	0	0	0	0	0	0.06	-0.09	2	2	0	1200	1200	0
5/12/2023 10:00	41902 REED_T1	0	3	3	0	0.4	0.4	0	0	0	0	0	0	0	0
5/12/2023 10:00	64801 MONE_T2	1	1	0	0.4	0.4	0	0.29	0.3	0	0	0	0	0	0
5/12/2023 10:00	47403 PENS_T1	0	1	1	0	2.4	2.4	0	0	0	0	0	0	0	0
5/12/2023 10:00	59102 WALK_T2	2	2	0	0.65	0.4	-0.25	0	0	0	0	0	0	0	0
5/12/2023 10:00	28604 BLYT_T2	0	0	0	0	0	0	-1.44	-1.42	0	0	0	0	0	0
5/12/2023 10:00	51604 DUKE_T2	2	2	0	0.35	0.35	0	-1.64	-1.69	1	1	0	900	900	0
5/12/2023 10:00	42802 SELI_T1	1	0	-1	0.1	0	-0.1	-1.39	-1.34	2	2	0	1800	1800	0
5/12/2023 10:00	45902 AUBU_T1	0	0	0	0	0	0	-0.62	-0.5	1	1	0	600	600	0
5/12/2023 10:00	45902 AUBU_T1	0	0	0	0	0	0	-0.62	-0.5	1	1	0	600	600	0
5/12/2023 10:00	46301 ROHR_T1	1	2	1	0.3	0.65	0.35	0	0	0	0	0	0	0	0
5/12/2023 10:00	26402 INOR_T1	1	1	0	0.6	0.2	-0.4	-0.32	-0.34	0	0	0	0	0	0
5/12/2023 10:00	56801 BENV_T1	37	33	-4	0.51	0.46	-0.05	-1.15	-1.09	0	0	0	0	0	0
5/12/2023 10:00	53601 DALM_T2	1	1	0	0.8	0.5	-0.3	-0.45	-0.45	1	1	0	900	900	0
5/12/2023 10:00	55101 WERT_T1	0	0	0	0	0	0	-1.56	-1.51	3	3	0	2400	2400	0
5/12/2023 10:00	64101 REFR_T1	0	0	0	0	0	0	-0.3	-0.27	0	0	0	0	0	0
5/12/2023 10:00	29402 BELT_T1	1	3	2	0.4	0.3	-0.1	0	0	0	0	0	0	0	0
5/12/2023 10:00	60101 COCA_T1	0	0	0	0	0	0	0.35	0.34	0	0	0	0	0	0
5/12/2023 10:00	42201 SHEN_T2	0	1	1	0	0.4	0.4	0.66	0.65	0	0	0	0	0	0
5/12/2023 10:00	67604 WARW_T1	0	0	0	0	0	0	-0.01	-0.01	0	0	0	0	0	0
5/12/2023 10:00	56802 BENV_T2	92	80	-12	0.21	0.21	0	-4.29	-4.05	0	0	0	0	0	0
5/12/2023 10:45	56802 BENV_T2	9	14	5	0.28	0.33	0.05	-0.63	-0.68	0	0	0	0	0	0
5/12/2023 11:11	66703 STRA_T1	1	1	0	0.7	0.2	-0.5	0	0	0	0	0	0	0	0
5/12/2023 11:27	58401 MORO_T1	0	1	1	0	0.3	0.3	0	0	0	0	0	0	0	0
5/12/2023 11:28	42201 SHEN_T2	2	2	0	0.25	0.6	0.35	0.77	0.68	0	0	0	0	0	0
5/12/2023 11:29	20403 ASHF_T2	15	26	11	0.61	0.46	-0.15	0.31	0.41	0	0	0	0	0	0
5/12/2023 11:29	52502 PROG_T2	0	0	0	0	0	0	-0.64	-0.6	1	1	0	900	900	0
5/12/2023 11:29	49803 UNIV_T1	18	22	4	0.13	0.11	-0.02	-1.86	-1.85	0	0	0	0	0	0
5/12/2023 11:30	48903 FOSP_T2	0	0	0	0	0	0	-0.12	-0.13	1	1	0	600	600	0
5/12/2023 11:30	49803 UNIV_T1	20	23	3	0.12	0.12	0	0	0	0	0	0	0	0	0
5/12/2023 11:31	52401 GRPA_T2	1	0	-1	0.1	0	-0.1	0	0	0	0	0	0	0	0
5/12/2023 11:31	43402 BENT_T1	3	3	0	0.53	0.6	0.07	-0.73	-0.74	1	1	0	900	900	0
5/12/2023 11:39	14801 TREI_T2	16	47	31	0.21	0.2	-0.01	0.41	0.46	0	0	0	0	0	0
5/12/2023 13:56	59101 WALK_T2	0	0	0	0	0	0	0.75	0.94	0	0	0	0	0	0
5/12/2023 14:03	67502 WEWI_T2	1	1	0	0.4	0.4	0	-0.11	-0.14	0	0	0	0	0	0
5/12/2023 14:16	58402 MORO_T1	0	0	0	0	0	0	-1.05	-1.01	2	2	0	1500	1500	0
5/12/2023 14:19	14802 TREI_T2	1	1	0	1.7	1.4	-0.3	0	0	0	0	0	0	0	0
5/12/2023 14:20	59101 WALK_T2	0	0	0	0	0	0	0.95	0.62	0	0	0	0	0	0
5/12/2023 14:28	14801 TREI_T2	3	4	1	1.07	0.75	-0.32	0.55	0.59	0	0	0	0	0	0
5/12/2023 14:28	45002 LIME_2	2	1	-1	0.15	0.1	-0.05	0	0	0	0	0	0	0	0
5/12/2023 14:29	59102 WALK_T2	2	0	-2	0.15	0	-0.15	0	0	0	0	0	0	0	0
5/12/2023 14:33	58401 MORO_T1	0	1	1	0	0	0	0	0	0	0	0	0	0	0
5/12/2023 14:35	41902 REED_T1	0	2	2	0	0.2	0.2	1.23	1.2	0	0	0	0	0	0
5/12/2023 14:49	42701 AUGU_T1	1	2	1	0.3	0.2	-0.1	0	0	2	2	0	1800	1800	0
5/12/2023 14:50	44505 HAMI_T2	0	2	2	0	0.1	0.1	0	0	0	0	0	0	0	0
5/12/2023 14:50	57601 RUTH_T2	1	2	1	0.7	0.3	-0.4	-0.93	-1.25	1	1	0	900	900	0
5/12/2023 15:04	42701 AUGU_T1	1	3	2	0.2	0.25	0.05	0	0	2	2	0	1800	1800	0
5/12/2023 15:21	29402 BELT_T1	87	88	1	0.58	0.61	0.03	0	0	0	0	0	0	0	0
5/12/2023 17:20	59101 WALK_T2	0	0	0	0	0	0	1.02	0.91	0	1	1	0	450	450
5/12/2023 17:33	59101 WALK_T2	0	0	0	0	0	0	1.02	0.91	1	1	0	450	450	0
5/12/2023 17:39	41801 GOCI_T2	1	0	-1	0.1	0	-0.1	0	0	0	0	0	0	0	0
5/12/2023 18:35	60803 BUCK_T1	0	0	0	0	0	0	-1.03	-1.09	1	1	0	600	600	0
5/12/2023 18:40	44802 EDAN_T2	0	0	0	0	0	0	-1.46	-1.44	1	1	0	1200	1200	0
5/12/2023 19:01	41902 REED_T1	4	0	-4	0.45	0	-0.45	1.21	1.11	0	0	0	0	0	0
5/12/2023 19:01	14802 TREI_T2	0	3	3	0	0.13	0.13	0	0	0	0	0	0	0	0
5/12/2023 19:01	58402 MORO_T1	1	1	0	0.4	0	-0.4	-1.04	-1.03	2	2	0	1500	1500	0
5/12/2023 19:01	46506 LOHA_T1	2	1	-1	1.05	0.3	-0.75	-0.41	-0.39	0	0	0	0	0	0
5/12/2023 19:01	20401 ASHF_T2	32	41	9	0.15	0.18	0.03	0	0	0	0	0	0	0	0
5/12/2023 19:01	59101 WALK_T2	0	0	0	0	0	0	0.92	0.85	1	1	0	450	450	0
5/12/2023 20:05	42802 SELI_T1	0	0	0	0	0	0	-0.75	-0.77	1	1	0	900	900	0
5/12/2023 20:53	48901 FOSP_T2	0	0	0	0	0	0	0.25	0.27	0	0	0	0	0	0
5/12/2023 20:55	42201 SHEN_T2	0	0	0	0	0	0	0.71	0.71	0	0	0	0	0	0
5/12/2023 20:56	42701 AUGU_T1	0	0	0	0	0	0	0	0	2	2	0	1800	1800	0
5/12/2023 21:26	29402 BELT_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
5/12/2023 21:42	48902 FOSP_T2	0	0	0	0	0	0	0.05	0.1	0	0	0	0	0	0
5/12/2023 21:45	67502 WEWI_T2	0	0	0	0	0	0	-0.17	-0.18	0	0	0	0	0	0
5/12/2023 22:10	20401 ASHF_T2	77	24	-53	0.41	0.19	-0.22	0	0	0	0	0	0	0	0
5/12/2023 22:10	41802 GOCI_T2	3	1	-2	0.27	0	-0.27	0	0	0	0	0	0	0	0
5/13/2023 0:28	56802 BENV_T2	1	2	1	0.6	0.55	-0.05	-2.85	-2.82	0	0	0	0	0	0
5/13/2023 0:28	55101 WERT_T1	0	0	0	0	0	0	-1.16	-1.22	2	2	0	1800	1800	0
5/13/2023 0:28	52502 PROG_T2	0	0	0	0	0	0	-0.64	-0.63	1	1	0	900	900	0
5/13/2023 0:28	29402 BELT_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
5/13/2023 0:28	56801 BENV_T1	27	41	14	0.68	0.94	0.26	-0.87	-0.89	1	1	0	600	600	0
5/13/2023 0:28	52404 GRPA_T2	1	1	0	0.1	0.5	0.4	0	0	0	0	0	0	0	0
5/13/2023 0:28	44801 EDAN_T2	1	1	0	0.3	0.5	0.2	0	0	0	0	0	0	0	0
5/13/2023 0:28	49803 UNIV_T1	88	129	41	0.48	0.67	0.19	-2.22	-2.22	0	0	0	0	0	0
5/13/2023 0:28	49804 UNIV_T1	4	7	3	0.2	0.31	0.11	0.38	0.4	0	0	0	0	0	0
5/13/2023 0:28	66703 STRA_T1	5	14	9	0.44	0.36	-0.08	-0.33	-0.37	0	0	0	0	0	0
5/13/2023 0:28	59101 WALK_T2	0	0	0	0	0	0	3.55	3.46	0	0	0	0	0	0
5/13/2023 0:28	43402 BENT_T1	0	0	0	0	0	0	-0.95	-0.97	1	1	0	900	900	0
5/13/2023 0:28	14801 TREI_T2	0	0	0	0	0	0	0.28	0.25	0	0	0	0	0	0
5/13/2023 0:28	47401 PENS_T1	1	0	-1	0.1	0	-0.1	0.79	0.72	0	0	0	0	0	0
5/13/2023 0:28	42802 SELI_T1	1	1	0	0.6	0.7	0.1	-0.05	-0.05	0	0	0	0	0	0
5/13/2023 0:36	47402 PENS_T1	1	1	0	0.4	0.3	-0.1	0	0	0	0	0	0	0	0
5/13/2023 0:55	47402 PENS_T1	1	0	-1	0.3	0	-0.3	0	0	0	0	0	0	0	0
5/13/2023 1:16	59101 WALK_T2	0	0	0	0	0	0	0.63	0.59	0	0	0	0	0	0
5/13/2023 1:33	59101 WALK_T2	0	0	0	0	0	0	0.59	0.58	0	0	0	0	0	0
5/13/2023 1:33	58402 MORO_T1	0	0	0	0	0	0	-0.61	-0.64	1	1	0	600	600	0
5/13/2023 1:35	59101 WALK_T2	0	0	0	0	0	0	0.58	0.48	0	0	0	0	0	0
5/13/2023 1:41	45003 LIME_2	2	1	-1	2.35	4.8	2.45	0	0	1	1	0	1200	1200	0
5/13/2023 1:48	58402 MORO_T1	0	0	0	0	0	0	-0.64	-0.66	1	1	0	600	600	0
5/13/2023 1:49	59101 WALK_T2	0	0	0	0	0	0	0.48	0.46	0	0	0	0	0	0
5/13/2023 1:51	41902 REED_T1	0	0	0	0	0	0	0.71	0.73	0	0	0	0	0	0
5/13/2023 1:52	42701 AUGU_T1	0	0	0	0	0	0	0	0	1	1	0	600	600	0
5/13/2023 1:53	45003 LIME_2	1	2	1	4.8	2.35	-2.45	0	0	1	1	0	1200	1200	0
5/13/2023 1:55	44502 HAMI_T2	1	1	0	3.3	3.4	0.1	-1.02	-0.96	0	0	0	0	0	0
5/13/2023 1:59	42701 AUGU_T1	0	0	0	0	0	0	0	0	1	1	0	600	600	0
5/13/2023 2:02	42701 AUGU_T1	0	0	0	0	0	0	0	0	1	1	0	600	600	0
5/13/2023 2:03	42701 AUGU_T1	0	0	0	0	0	0	0	0	1	1	0	600	600	0
5/13/2023 2:03	44502 HAMI_T2	1	1	0	3.3	3.4	0.1	-1.02	-0.96	0	0	0	0	0	0
5/13/2023 2:15	47401 PENS_T1	0	0	0	0	0	0	0.67	0.77	0	0	0	0	0	0
5/13/2023 2:33	47402 PENS_T1	1	1	0	0.2	0.5	0.3	0	0	0	0	0	0	0	0
5/13/2023 2:48	46504 LOHA_T1	59	61	2	0.99	1.04	0.05	0	0	0	0	0	0	0	0
5/13/2023 3:06	59101 WALK_T2	0	0	0	0	0	0	0.74	0.93	0	0	0	0	0	0
5/13/2023 4:08	44502 HAMI_T2	1	1	0	3.4	3.4	0	-1.03	-1.03	0	0	0	0	0	0
5/13/2023 4:09	59101 WALK_T2	0	0	0	0	0	0	1	1.15	0	0	0	0	0	0
5/13/2023 5:39	42701 AUGU_T1	0	0	0	0	0	0	0	0	1	1	0	600	600	0
5/13/2023 5:41	45001 LIME_2	3	0	-3	0.1	0	-0.1	0	0	0	0	0	0	0	0
5/13/2023 5:51	41903 REED_T1	0	0	0	1	0	0	0	0	0	0	0	0	0	0
5/13/2023 5:52	42701 AUGU_T1	0	0	0	0	0	0	0	0	1	1	0	600	600	0
5/13/2023 5:53	58402 MORO_T1	0	0	0	0	0	0	-0.5	-0.45	1	1	0	600	600	0
5/13/2023 5:55	47401 PENS_T1	0	0	0	0	0	0	0.65	0.67	0	0	0	0	0	0
5/13/2023 5:56	47401 PENS_T1	0	0	0	0	0	0	0.65	0.67	0	0	0	0	0	0
5/13/2023 10:00	43402 BENT_T1	0	0	0	0	0	0	-0.93	-0.91	1	1	0	900	900	0
5/13/2023 10:00	29402 BELT_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
5/13/2023 10:00	52503 PROG_T2	0	0	0	0	0	0	-0.63	-0.65	1	1	0	900	900	0
5/13/2023 10:00	47403 PENS_T1	0	1	1	0	2.5	2.5	0	0	0	0	0	0	0	0
5/13/2023 10:00	41801 GOCI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
5/13/2023 10:00	41902 REED_T1	0	0	0	0	0	0	1.82	1.7	0	0	0	0	0	0
5/13/2023 10:00	49804 UNIV_T1	0	0	0	0	0	0	0.54	0.53	0	0	0	0	0	0
5/13/2023 10:00	44802 EDAN_T2	0	0	0	0	0	0	-1.68	-1.73	1	1	0	1200	1200	0
5/13/2023 10:00	12605 MACA_T1	1	1	0	0.6	0.6	0	0	0	0	0	0	0	0	0
5/13/2023 10:00	45902 AUBU_T1	0	0	0	0	0	0	-0.26	-0.28	0	0	0	0	0	0
5/13/2023 10:00	56803 BENV_T1	0	1	1	0	0	0	0	0	0	0	0	0	0	0
5/13/2023 10:00	67503 WEWI_T2	1	0	-1	4.6	0	-4.6	0	0	0	0	0	0	0	0
5/13/2023 10:00	42802 SELI_T1	1	1	0	0.2	0.1	-0.1	-1.88	-1.81	2	2	0	1800	1800	0
5/13/2023 10:00	52402 GRPA_T2	2	3	1	0.2	0.27	0.07	0	0	0	0	0	0	0	0
5/13/2023 10:00	46504 LOHA_T1	2	2	0	0.55	0.4	-0.15	0	0	0	0	0	0	0	0
5/13/2023 10:00	48902 FOSP_T2	0	0	0	0	0	0	-0.22	-0.26	0	0	0	0	0	0
5/13/2023 10:00	58402 MORO_T1	0	0	0	0	0	0	-0.56	-0.57	1	1	0	600	600	0
5/13/2023 10:00	42201 SHEN_T2	0	0	0	0	0	0	0.61	0.62	0	0	0	0	0	0
5/13/2023 10:00	42701 AUGU_T1	1	1	0	0.5	0.5	0	0	0	6	6	0	5400	5400	0
5/13/2023 10:00	60801 BUCK_T1	61	93	32	0.34	0.42	0.08	0	0	0	0	0	0	0	0
5/13/2023 10:00	49804 UNIV_T1	0	0	0	0	0	0	0.54	0.53	0	0	0	0	0	0
5/13/2023 10:00	48901 FOSP_T2	0	0	0	0	0	0	-0.44	-0.45	1	1	0	600	600	0
5/13/2023 10:00	59101 WALK_T2	0	0	0	0	0	0	4.91	5.8	0	0	0	0	0	0
5/13/2023 10:00	44502 HAMI_T2	1	1	0	2.2	2.4	0.2	-0.9	-0.83	0	0	0	0	0	0
5/13/2023 10:00	67204 TEHI_T2	40	12	-28	0.14	0.1	-0.04	-0.58	-0.58	0	0	0	0	0	0
5/13/2023 10:00	20401 ASHF_T2	4	4	0	0.2	0.15	-0.05	0	0	0	0	0	0	0	0
5/13/2023 10:00	64801 MONE_T2	1	1	0	0.2	0.1	-0.1	0.28	0.26	0	0	0	0	0	0
5/13/2023 10:00	40603 PIGR_T1	0	0	0	0	0	0	0.35	0.34	0	0	0	0	0	0
5/13/2023 10:00	66703 STRA_T1	0	1	1	0	0.1	0.1	-0.06	-0.09	0	0	0	0	0	0
5/13/2023 10:00	56802 BENV_T2	1	1	0	0.5	1.3	0.8	-2.74	-2.72	0	0	0	0	0	0
5/13/2023 10:00	45003 LIME_2	1	0	-1	2.8	3.1	0.3	0	0	1	1	0	1200	1200	0
5/13/2023 10:00	56601 HAMP_T1	0	0	0	0	0	0	-0.09	-0.12	0	0	0	0	0	0
5/13/2023 10:00	14801 TREI_T2	0	0	0	0	0	0	0.37	0.36	0	0	0	0	0	0
5/13/2023 10:00	67604 WARW_T1	0	0	0	0	0	0	-0.05	-0.05	0	0	0	0	0	0
5/13/2023 10:00	55101 WERT_T1	0	0	0	0	0	0	-1.2	-1.23	2	2	0	1500	1500	0
5/13/2023 11:22	20403 ASHF_T2	0	0	0	0	0	0	0.16	0.2	0	0	0	0	0	0
5/13/2023 11:26	28604 BLYT_T2	0	0	0	0	0	0	-1.37	-1.37	0	0	0	0	0	0
5/13/2023 11:31	59101 WALK_T2	0	0	0	0	0	0	1.26	1.27	0	0	0	0	0	0
5/13/2023 11:37	44801 EDAN_T2	1	1	0	0.3	0.2	-0.1	0	0	0	0	0	0	0	0

Appendix C - Grid Benefits Achieved in Each Instance of Active Management

5/13/2023 14:21	15001 BLMO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
5/13/2023 14:29	67502 WEWI_T2	0	0	0	0	0	0	-0.34	-0.33	0	0	0	0	0	0
5/13/2023 15:15	42802 SELI_T1	0	0	0	0	0	0	-0.84	-0.91	1	1	0	900	900	0
5/13/2023 16:06	58402 MORO_T1	0	0	0	0	0	0	-0.52	-0.5	1	1	0	600	600	0
5/13/2023 16:36	66504 SMAN_T2	0	0	0	0	0	0	-0.95	-0.54	0	0	0	0	0	0
5/13/2023 16:57	67502 WEWI_T2	0	0	0	0	0	0	-0.37	-0.36	0	0	0	0	0	0
5/13/2023 17:02	26401 INOR_T1	1	1	0	0	0	0	0	0	0	0	0	0	0	0
5/13/2023 17:27	45902 AUBU_T1	16	16	0	0.24	0.19	-0.05	-1.1	-1.08	1	1	0	600	600	0
5/13/2023 17:36	27502 WEIS_T2	0	0	0	0	0	0	-0.63	-0.61	0	0	0	0	0	0
5/13/2023 18:37	60801 BUCK_T1	56	67	11	0.41	0.44	0.03	0	0	0	0	0	0	0	0
5/13/2023 19:11	56802 BENV_T2	1	1	0	0.8	0.9	0.1	-1.29	-1.31	0	0	0	0	0	0
5/13/2023 19:24	61303 EARL_T1	0	0	0	0	0	0	-0.06	-0.09	0	0	0	0	0	0
5/13/2023 19:31	52402 GRPA_T2	1	1	0	0.1	0.1	0	0	0	0	0	0	0	0	0
5/13/2023 19:44	45502 DERR_T2	0	0	0	0	0	0	-0.59	-0.59	0	0	0	0	0	0
5/13/2023 20:05	29402 BELT_T1	31	31	0	0.29	0.39	0.1	0	0	0	0	0	0	0	0
5/13/2023 20:30	63801 HEMP_T1	0	2	2	0	0.1	0.1	-0.32	-0.32	0	0	0	0	0	0
5/13/2023 20:40	48902 FOSP_T2	0	0	0	0	0	0	-0.35	-0.33	0	0	0	0	0	0
5/13/2023 21:06	28604 BLYT_T2	0	0	0	0	0	0	-1.35	-1.35	0	0	0	0	0	0
5/13/2023 23:17	66505 SMAN_T2	3	3	0	1.23	1.17	-0.06	-0.18	-0.2	1	1	0	900	900	0
5/13/2023 23:23	45902 AUBU_T1	137	258	121	0.19	0.22	0.03	-0.76	-0.76	0	0	0	0	0	0
5/13/2023 23:26	20403 ASHF_T2	0	0	0	0	0	0	0.05	0.01	0	0	0	0	0	0
5/13/2023 23:30	27502 WEIS_T2	0	0	0	0	0	0	-0.32	-0.34	0	0	0	0	0	0
5/13/2023 23:51	56802 BENV_T2	136	123	-13	0.21	0.19	-0.02	-0.74	-0.8	0	0	0	0	0	0
5/14/2023 0:28	26401 INOR_T1	43	196	153	0.2	0.37	0.17	0	0	0	0	0	0	0	0
5/14/2023 0:28	59101 WALK_T2	0	0	0	0	0	0	1.98	1.96	0	0	0	0	0	0
5/14/2023 0:28	46504 LOHA_T1	40	49	9	0.36	0.51	0.15	0	0	0	0	0	0	0	0
5/14/2023 0:28	42802 SELI_T1	0	0	0	0	0	0	-0.38	-0.4	0	0	0	0	0	0
5/14/2023 0:28	60803 BUCK_T1	0	17	17	0	0.22	0.22	-1.73	-1.78	1	1	0	600	600	0
5/14/2023 0:28	66505 SMAN_T2	0	3	3	0.2	0.17	-0.03	0	0	0	0	0	0	0	0
5/14/2023 0:28	56802 BENV_T2	1	1	0	0.1	0.5	0.4	-0.8	-0.82	0	0	0	0	0	0
5/14/2023 0:28	48902 FOSP_T2	0	0	0	0	0	0	-1.31	-1.29	0	0	0	0	0	0
5/14/2023 0:28	20401 ASHF_T2	36	82	46	0.22	0.47	0.25	0	0	0	0	0	0	0	0
5/14/2023 0:28	15001 BLMO_T1	4	4	0	0.63	1.18	0.55	0	0	0	0	0	0	0	0
5/14/2023 0:28	45902 AUBU_T1	217	248	31	0.2	0.2	0	-0.8	-0.79	0	0	0	0	0	0
5/14/2023 0:28	52402 GRPA_T2	1	4	3	0.5	0.4	-0.1	0	0	0	0	0	0	0	0
5/14/2023 0:28	27502 WEIS_T2	0	0	0	0	0	0	-0.36	-0.37	0	0	0	0	0	0
5/14/2023 0:28	40901 JESH_T1	1	1	0	0.1	0	-0.1	0	0	0	0	0	0	0	0
5/14/2023 0:28	58402 MORO_T1	0	0	0	0	0	0	-0.65	-0.64	1	1	0	600	600	0
5/14/2023 0:28	45003 LIME_2	1	1	0	3.7	4.1	0.4	0	0	0	0	0	0	0	0
5/14/2023 0:34	26402 INOR_T1	221	225	4	0.48	0.53	0.05	-0.49	-0.52	0	0	0	0	0	0
5/14/2023 0:35	67502 WEWI_T2	0	0	0	0	0	0	-0.64	-0.67	0	0	0	0	0	0
5/14/2023 0:42	46504 LOHA_T1	33	49	16	0.25	0.56	0.31	0	0	0	0	0	0	0	0
5/14/2023 0:49	44502 HAMI_T2	1	1	0	4	4.2	0.2	-1.07	-1.06	0	0	0	0	0	0
5/14/2023 0:51	44502 HAMI_T2	1	1	0	4	4.2	0.2	-1.07	-1.06	0	0	0	0	0	0
5/14/2023 0:52	61303 EARL_T1	0	0	0	0	0	0	-0.16	-0.12	0	0	0	0	0	0
5/14/2023 0:53	46504 LOHA_T1	49	47	-2	0.51	0.57	0.06	0	0	0	0	0	0	0	0
5/14/2023 0:54	60801 BUCK_T1	189	185	-4	0.9	0.69	-0.21	0	0	0	0	0	0	0	0
5/14/2023 0:57	60803 BUCK_T1	17	0	-17	0.22	0	-0.22	-1.12	-1.16	1	1	0	600	600	0
5/14/2023 0:58	61303 EARL_T1	0	0	0	0	0	0	-0.16	-0.12	0	0	0	0	0	0
5/14/2023 1:02	56802 BENV_T2	1	2	1	0.4	3.9	3.5	-1.53	-1.54	0	0	0	0	0	0
5/14/2023 1:13	64101 REFR_T1	39	38	-1	0.14	0.15	0.01	-0.01	-0.01	0	0	0	0	0	0
5/14/2023 1:14	64101 REFR_T1	39	38	-1	0.14	0.15	0.01	-0.01	-0.01	0	0	0	0	0	0
5/14/2023 1:17	59101 WALK_T2	0	0	0	0	0	0	0.89	1.05	0	0	0	0	0	0
5/14/2023 1:20	59101 WALK_T2	0	0	0	0	0	0	1.05	0.93	0	0	0	0	0	0
5/14/2023 1:20	56802 BENV_T2	2	2	0	4.8	1.4	-3.4	-1.56	-1.55	0	0	0	0	0	0
5/14/2023 1:26	52401 GRPA_T2	0	1	1	0	0.1	0.1	0	0	0	0	0	0	0	0
5/14/2023 1:33	49803 UNIV_T1	147	153	6	0.72	0.77	0.05	-2.31	-2.35	0	0	0	0	0	0
5/14/2023 1:33	64101 REFR_T1	38	68	30	0.14	0.17	0.03	-0.01	0	0	0	0	0	0	0
5/14/2023 1:34	56801 BENV_T1	32	32	0	0.72	0.78	0.06	-0.96	-0.97	1	1	0	600	600	0
5/14/2023 1:37	66703 STRA_T1	284	287	3	0.65	0.72	0.07	-0.53	-0.52	0	0	0	0	0	0
5/14/2023 1:39	66703 STRA_T1	284	287	3	0.65	0.72	0.07	-0.53	-0.52	0	0	0	0	0	0
5/14/2023 1:44	42002 MNVL_T2	0	0	0	0	0	0	-0.19	-0.2	0	0	0	0	0	0
5/14/2023 1:45	49804 UNIV_T1	12	9	-3	0.23	0.26	0.03	0	0	0	0	0	0	0	0
5/14/2023 1:46	52403 GRPA_T2	2	2	0	0.2	0.2	0	-0.29	-0.3	0	0	0	0	0	0
5/14/2023 1:49	56801 BENV_T1	32	32	0	0.71	0.8	0.09	-0.97	-0.97	1	1	0	600	600	0
5/14/2023 1:49	44801 EDAN_T2	1	1	0	0.4	0	-0.4	0	0	0	0	0	0	0	0
5/14/2023 1:54	42002 MNVL_T2	0	0	0	0	0	0	-0.2	-0.2	0	0	0	0	0	0
5/14/2023 2:01	45501 DERR_T2	1	1	0	0.7	0.8	0.1	0	0	0	0	0	0	0	0
5/14/2023 2:02	45501 DERR_T2	1	1	0	0.7	0.8	0.1	0	0	0	0	0	0	0	0
5/14/2023 2:05	45501 DERR_T2	1	1	0	0.7	0.8	0.1	-0.1	-0.1	1	1	0	600	600	0
5/14/2023 2:05	44801 EDAN_T2	1	1	0	-1	0.5	0	-0.5	0	0	0	0	0	0	0
5/14/2023 2:07	67503 WEWI_T2	0	0	0	0	0	0	-0.48	-0.49	0	0	0	0	0	0
5/14/2023 2:09	67503 WEWI_T2	0	0	0	0	0	0	-0.48	-0.49	0	0	0	0	0	0
5/14/2023 2:16	61303 EARL_T1	0	0	0	0	0	0	-0.16	-0.17	0	0	0	0	0	0
5/14/2023 2:18	29402 BELT_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
5/14/2023 2:20	61303 EARL_T1	0	0	0	0	0	0	-0.17	-0.18	0	0	0	0	0	0
5/14/2023 2:26	29402 BELT_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
5/14/2023 2:39	15001 BLMO_T1	4	9	5	1.6	0.86	-0.74	0	0	0	0	0	0	0	0
5/14/2023 2:40	15001 BLMO_T1	4	9	5	1.6	0.86	-0.74	0	0	0	0	0	0	0	0
5/14/2023 2:40	48902 FOSP_T2	0	0	0	0	0	0	-0.44	-0.44	0	0	0	0	0	0
5/14/2023 2:46	48902 FOSP_T2	0	0	0	0	0	0	-0.44	-0.44	0	0	0	0	0	0
5/14/2023 2:49	44801 EDAN_T2	1	1	0	0.1	0.3	0.2	0	0	0	0	0	0	0	0
5/14/2023 2:50	27502 WEIS_T2	0	0	0	0	0	0	-0.42	-0.43	0	0	0	0	0	0
5/14/2023 2:56	61303 EARL_T1	0	0	0	0	0	0	-0.16	-0.12	0	0	0	0	0	0
5/14/2023 2:57	59101 WALK_T2	0	0	0	0	0	0	0.98	0.76	0	0	0	0	0	0
5/14/2023 2:57	66703 STRA_T1	287	291	4	0.83	1.04	0.21	-0.52	-0.53	0	0	0	0	0	0
5/14/2023 3:00	48902 FOSP_T2	0	0	0	0	0	0	-0.44	-0.41	0	0	0	0	0	0
5/14/2023 3:06	52402 GRPA_T2	1	2	1	0.5	0.35	-0.15	0	0	0	0	0	0	0	0
5/14/2023 3:06	20403 ASHF_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
5/14/2023 3:07	67503 WEWI_T2	0	0	0	0	0	0	-0.54	-0.53	0	0	0	0	0	0
5/14/2023 3:11	56802 BENV_T2	1	2	1	0.8	0.8	0	-1.55	-1.57	0	0	0	0	0	0
5/14/2023 3:12	61303 EARL_T1	0	0	0	0	0	0	-0.12	-0.16	0	0	0	0	0	0
5/14/2023 4:04	42002 MNVL_T2	0	0	0	0	0	0	-0.25	-0.23	0	0	0	0	0	0
5/14/2023 4:13	49804 UNIV_T1	1	2	1	0.9	0.55	-0.35	0	0	0	0	0	0	0	0
5/14/2023 4:38	29402 BELT_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
5/14/2023 4:39	15001 BLMO_T1	4	4	0	1.73	1.73	0	0	0	0	0	0	0	0	0
5/14/2023 4:41	45501 DERR_T2	1	1	0	0.6	0.6	0	0	0	0	0	0	0	0	0
5/14/2023 4:42	56802 BENV_T2	4	2	-2	0.33	0.55	0.22	-1.53	-1.57	0	0	0	0	0	0
5/14/2023 4:42	46506 LOHA_T1	0	0	0	0	0	0	-0.55	-0.57	0	0	0	0	0	0
5/14/2023 4:43	45902 AUBU_T1	234	150	-84	0.18	0.22	0.04	-0.86	-0.85	0	0	0	0	0	0
5/14/2023 4:49	44502 HAMI_T2	1	1	0	3.5	3.7	0.2	-1.08	-1.07	0	0	0	0	0	0
5/14/2023 4:54	60801 BUCK_T1	191	191	0	1.15	1.19	0.04	0	0	0	0	0	0	0	0
5/14/2023 4:54	56801 BENV_T1	41	39	-2	1.06	0.94	-0.12	-0.98	-0.98	1	1	0	600	600	0
5/14/2023 4:56	45902 AUBU_T1	150	98	-52	0.22	0.21	-0.01	-0.85	-0.86	0	0	0	0	0	0
5/14/2023 9:03	45901 AUBU_T1	0	0	0	0	0	0	0.88	0.89	0	0	0	0	0	0
5/14/2023 9:03	41304 FISH_T2	0	0	0	0	0	0	0.05	0.05	0	0	0	0	0	0
5/14/2023 9:03	48901 FOSP_T2	0	0	0	0	0	0	-0.45	-0.44	1	1	0	600	600	0
5/14/2023 9:03	44901 SCOT_T2	0	0	0	0	0	0	-0.44	-0.39	0	0	0	0	0	0
5/14/2023 9:25	40502 CRES_T2	0	0	0	0	0	0	0.43	0.44	0	0	0	0	0	0
5/14/2023 9:27	52401 GRPA_T2	1	1	0	0.3	1	0.7	0	0	0	0	0	0	0	0
5/14/2023 9:29	45003 LIME_2	1	1	0	4.4	4.7	0.3	0	0	1	1	0	1200	1200	0
5/14/2023 9:30	45902 AUBU_T1	0	0	0	0	0	0	-0.37	-0.36	0	0	0	0	0	0
5/14/2023 9:32	58402 MORO_T1	0	0	0	0	0	0	-0.67	-0.67	1	1	0	600	600	0
5/14/2023 9:33	66703 STRA_T1	4	4	0	0.3	0.15	-0.15	-0.33	-0.34	0	0	0	0	0	0
5/14/2023 9:33	46506 LOHA_T1	1	1	0	0.1	0.6	0.5	-0.55	-0.55	0	0	0	0	0	0
5/14/2023 9:36	26401 INOR_T1	1	4	3	0	0.37	0.37	0	0	0	0	0	0	0	0
5/14/2023 9:37	49804 UNIV_T1	0	1	1	0	0.7	0.7	0	0	0	0	0	0	0	0
5/14/2023 9:38	64101 REFR_T1	0	0	0	0	0	0	0.04	0.04	0	0	0	0	0	0
5/14/2023 10:00	67605 WARW_T1	1	4	3	0.5	0.5	0	0	0	0	0	0	0	0	0
5/14/2023 10:00	66505 SMAN_T2	0	0	0	0	0	0	-0.21	-0.02	3	3	0	1700	1700	0
5/14/2023 10:00	63804 HEMP_T1	2	2	0	2.85	3	0.15	0	0	0	0	0	0	0	0
5/14/2023 10:00	46506 LOHA_T1	1	0	-1	0.6	0	-0.6	-1.74	-1.63	0	0	0	0	0	0
5/14/2023 10:00	28602 BLYT_T2	1	0	-1	0.1	0	-0.1	0	0	0	0	0	0	0	0
5/14/2023 10:00	12605 MACA_T1	1	1	0	0.3	0.4	0.1	0	0	0	0	0	0	0	0
5/14/2023 10:00	45501 DERR_T2	1	1	0	0.2	0.3	0.1	0.01	0.01	1	1	0	600	600	0
5/14/2023 10:00	48901 FOSP_T2	0	0	0	0	0	0	-0.46	-0.46	1	1	0	600	600	0
5/14/2023 10:00	67503 WEWI_T2	0	0	0	0	0	0	-0.4	-0.36	0	0	0	0	0	0
5/14/2023 10:00	56803 BENV_T1	7	5	-2	0.33	0.45	0.12	0	0	0	0	0	0	0	0
5/14/2023 10:00	45901 AUBU_T1	0	0	0	0	0	0	1.92	1.78	0	0	0	0	0	0
5/14/2023 10:00	45901 AUBU_T1	0	0	0	0	0	0	1.92	1.78	0	0	0	0	0	0
5/14/2023 10:00	61304 EARL_T1	0	1	1	0	0	0	0	0	0	0	0	0	0	0
5/14/2023 10:00	26402 INOR_T1	2	1	-1	0.55	0.6	0.05	0	-0.95	0	0	0	0	0	0
5/14/2023 10:00	45501 DERR_T2	1	1	0	0.2	0.3	0.1	0.01	0.01	1	1	0	600	600	0
5/14/2023 10:00	42001 MNVL_T2	1	1	0	0.2	0.2	0	0	0	0	0	0	0	0	0
5/14/2023 10:00	56802 BENV_T2	104	15	-89	0.26	0.51	0.25	-2.78	-2.74	0	0	0	0	0	0
5/14/2023 10:00	20402 ASHF_T2	4	4	0	0.43	0.25	-0.18	0	0	0	0	0	0	0	0
5/14/2023 10:00	48901 FOSP_T2	0	0	0	0	0	0	-0.46	-0.46	1	1	0	600	600	0
5/14/2023 10:00	27502 WEIS_T2	0	0	0	0	0	0	-0.2	-0.18	0	0	0	0	0	0
5/14/2023 10:00	52403 GRPA_T2	4	4	0	0.45	0.43	-0.02	-0.33	-0.32	0	0	0	0	0	0
5/14/2023 10:00	60803 BUCK_T1	0	0	0	0	0	0	-2	-1.98	2	2	0	1200	1200	0
5/14/2023 10:00	66703 STRA_T1	4	0	-4	0.15	0	-0.15	-0.31	-0.33	0	0	0	0	0	0
5/14/2023 10:00	40902 JESH_T1	0	0	0	0	0	0	-0.34	-0.38	0	0	0	0	0	0
5/14/2023 10:00	66502 SMAN_T2	0	1	1	0	0.6	0.6	0	0	0	0	0	0	0	0
5/14/2023 10:00	64801 MONE_T2	1	0	-1	0.5	0	-0.5	0.21	0.18	0	0	0	0	0	0
5/14/2023 10:00	42701 AUGU_T1	1	1	0	0.5	0.1	-0.4	0	0	2	2	0	1800	1800	0
5/14/2023 10:00	45003 LIME_2	1	1	0	4.7	4.2	-0.5	0	0	2	2	0	2400	2400	0
5/14/2023 10:00	67503 WEWI_T2	0	0	0	0	0	0	-0.4	-0.36	0	0	0	0	0	0
5/14/2023 10:00	44505 HAMI_T2	2	0	-2	0.25	0	-0.25	0	0	0	0	0	0	0	0
5/14/2023 10:00	44901 SCOT_T2	2	0	-2	0.1	0	-0.1	-0.18	-0.18	0	0	0	0	0	0
5/14/2023 10:00	47403 PENS_T1	2	1	-1	0.3	0.1	-0.2	0	0	0	0	0	0	0	0
5/14/2023 10:00	43402 BENT_T1	0	3	3	0	0.87	0.87	-0.96	-0.95	1	1	0	900	900	0
5/14/2023 10:00	64101 REFR_T1	0	0	0	0	0	0	0.04	0.04	0	0	0	0	0	0
5/14/2023 10:00	42802 SELI_T1	0	0	0	0	0	0	-0.18	-0.16	0	0	0	0	0	0
5/14/2023 10:00	44802 EDAN_T2	0	0	0	0	0	0	-1.78	-1.8	1	1	0	1200	1200	0
5/14/2023 10:00	59102 WALK_T2	5	4	-1	0.62	0.45	-0.17	0	0	0	0	0	0	0	0
5/14/2023 10:00	49804 UNIV_T1	1	2	1	0.7	0.1	-0.6	0	0	0	0	0	0	0	0
5/14/2023 10:00	40502 CRES_T2	0	0	0	0	0	0	0.44	0.44	0	0	0	0	0	0
5/14/2023 10:00	56601 HAMP_T1	0	0	0	0	0	0	-0.09	-0.01	0	0	0	0	0	0
5/14/2023 10:00	15001 BLMO_T1	2	5	3	0.4	0.22	-0.18	0	0	0	0	0	0	0	0
5/14/2023 10:00	41304 FISH_T2	0	0	0	0	0	0	0.15	0.13	0	0	0	0	0	0
5/14/2023 10:00	58402 MORO_T1	0	0	0	0	0	0	-0.65	-0.65	1	1	0	600	600	0
5/14/2023 10:00	29402 BELT_T1	1	99	98	0.3	0.83	0.53	0	0	0	0	0	0	0	0
5/14/2023 10:00	52503 PROG_T2	0	0	0	0	0	0	-0.73	-0.75	1	1	0	900	900	0
5/14/2023 10:00	41801 GOCI_T2	286	245	-41	0.91	0.87	-0.04	0	0	0	0	0	0	0	0
5/15/2023 10:00	67603 WARW_T1	0	1	1	0	0.3	0.3	0	0	0	0	0	0	0	0
5/15/2023 10:00	20403 ASHF_T2	8	9	1	0.6	0.58	-0.02	1.34	1.37	0	0	0	0	0	0
5/15/2023 10:00	64802 MONE_T2	3	5	2	0.53	0.38	-0.15	0	0	0	0	0	0	0	0
5/15/2023 10:00	42701 AUGU_T1	1	6	5	0.2	0.38	0.18	0	0	2	2	0	1800	1800	0
5/15/2023 10:00	42802 SELI_T1	2	3	1	0.25	0.63	0.38	-1.76	-1.33	0	0	0	0	0	0
5/15/2023 10:00	59101 WALK_T2	0	0	0	0	0	0	7.35	8.17	0	0	0	0	0	0
5/15/2023 10:00	45501 DERR_T2	1	4	3	0.2	0.47	0.27	1.29	1.39	1	1	0	600	600	0
5/15/2023 10:00	67503 WEWI_T2	0	1	1	0	0.2	0.2	-0.25	-0.25	0	0	0	0	0	0
5/15/2023 10:00	66501 SMAN_T2	0	2	2	0	0.5	0.5	0	0	0	0	0	0	0	0
5/15/2023 10:00	48901 FOSP_T2	0	0	0	0	0	0	-0.1	-0.04	1	1	0	600	600	0
5/15/2023 10:00	66701 STRA_T1	1	1	0	0.3	0.7	0.4	0	0	0	0	0	0	0	0
5/15/2023 10:00	67502 WEWI_T2	17	34	17	0.35	0.29	-0.06	-0.24	-0.14	0	0	0	0	0	0
5/15/2023 10:00	45902 AUBU_T1	0	0	0	0	0	0	-1.27	-1.31	0	0	0	0	0	0
5/15/2023 10:00	12605 MACA_T1	1	1	0	0.4	0.4	0	0	0	0	0	0	0	0	0
5/15/2023

Appendix C - Grid Benefits Achieved in Each Instance of Active Management

5/15/2023 14:02	45501 DERR_T2	3	3	0	0.5	0.55	0.05	1.36	1.39	2	2	0	1800	1800	0
5/15/2023 14:02	67502 WEWI_T2	5	6	1	0.62	0.52	-0.1	-0.1	-0.08	0	0	0	0	0	0
5/15/2023 14:02	29401 BELT_T1	1	1	0	0.3	0.6	0.3	0	0	0	0	0	0	0	0
5/15/2023 14:02	15001 BLMO_T1	6	6	0	0.5	0.45	-0.05	0	0	0	0	0	0	0	0
5/15/2023 14:03	29401 BELT_T1	1	1	0	0.3	0.6	0.3	0	0	0	0	0	0	0	0
5/15/2023 14:03	56802 BENV_T2	65	14	-51	0.23	0.41	0.18	-0.66	-0.64	0	0	0	0	0	0
5/15/2023 14:04	56802 BENV_T2	65	14	-51	0.23	0.41	0.18	-0.64	-0.6	0	0	0	0	0	0
5/15/2023 14:13	42002 MNVL_T2	1	1	0	5	4.7	-0.3	0	0	0	0	0	0	0	0
5/15/2023 14:13	67502 WEWI_T2	5	6	1	0.62	0.52	-0.1	-0.08	-0.09	0	0	0	0	0	0
5/15/2023 14:15	15001 BLMO_T1	6	3	-3	0.45	0.3	-0.15	0	0	0	0	0	0	0	0
5/15/2023 14:18	45502 DERR_T2	1	1	0	0.3	0	-0.3	0	0	0	0	0	0	0	0
5/15/2023 14:22	20401 ASHF_T2	80	85	5	0.36	0.3	-0.06	0	0	0	0	0	0	0	0
5/15/2023 14:22	28604 BLYT_T2	2	2	0	0.4	0.1	-0.3	-1.37	-1.34	0	0	0	0	0	0
5/15/2023 14:22	41901 REED_T1	2	1	-1	0.25	0.1	-0.15	-1.3	-1.21	1	1	0	900	900	0
5/15/2023 14:22	45902 AUBU_T1	1	1	0	0.2	0.1	-0.1	-0.62	-0.62	1	1	0	600	600	0
5/15/2023 14:26	48901 FOSP_T2	0	1	1	0	0.2	0.2	-0.2	-0.37	1	1	0	600	600	0
5/15/2023 14:28	55101 WERT_T1	0	0	0	0	0	0	-1.47	-1.23	3	3	0	2400	2400	0
5/15/2023 14:28	40101 HUNT_T2	0	0	0	0	0	0	-0.28	-0.32	0	0	0	0	0	0
5/15/2023 14:28	42002 MNVL_T2	1	1	0	5	4.6	-0.4	0	0	0	0	0	0	0	0
5/15/2023 14:30	27503 WEIS_T2	2	1	-1	0.55	0.2	-0.35	0	0	0	0	0	0	0	0
5/15/2023 14:35	28601 BLYT_T2	1	1	0	0.2	0.1	-0.1	0	0	0	0	0	0	0	0
5/15/2023 14:38	20401 ASHF_T2	85	67	-18	0.3	0.23	-0.07	0	0	0	0	0	0	0	0
5/15/2023 14:39	27503 WEIS_T2	2	1	-1	0.55	0.2	-0.35	0	0	0	0	0	0	0	0
5/15/2023 14:40	45902 AUBU_T1	1	0	-1	0.1	0	-0.1	-0.62	-0.47	1	1	0	600	600	0
5/15/2023 14:41	47402 PENS_T1	2	2	0	0.35	0.5	0.15	0	0	0	0	0	0	0	0
5/15/2023 14:41	48901 FOSP_T2	0	3	3	0	0.13	0.13	-0.37	-0.4	1	1	0	600	600	0
5/15/2023 14:42	52502 PROG_T2	0	0	0	0	0	0	-0.64	-0.62	1	1	0	900	900	0
5/15/2023 14:45	56802 BENV_T2	13	24	11	0.35	0.3	-0.05	-0.63	-0.61	0	0	0	0	0	0
5/15/2023 14:48	47402 PENS_T1	2	2	0	0.5	0.2	-0.3	0	0	0	0	0	0	0	0
5/15/2023 15:00	56802 BENV_T2	9	24	15	0.43	0.29	-0.14	-0.61	-0.59	0	0	0	0	0	0
5/15/2023 15:02	64303 LINC_T1	1	0	-1	0.2	0	-0.2	0	0	0	0	0	0	0	0
5/15/2023 15:02	65604 QVIL_T2	0	0	0	0	0	0	0.36	0.31	0	0	0	0	0	0
5/15/2023 15:10	56803 BENV_T1	2	4	2	0.7	0.65	-0.05	0	0	0	0	0	0	0	0
5/15/2023 15:12	48901 FOSP_T2	3	3	0	0.13	0.23	0.1	-0.39	-0.38	1	1	0	600	600	0
5/15/2023 15:24	56801 BENV_T1	24	24	0	0.35	0.23	-0.12	-0.03	-0.04	0	0	0	0	0	0
5/15/2023 15:26	47401 PENS_T1	1	2	1	0.3	0.15	-0.15	1.3	1.32	0	0	0	0	0	0
5/15/2023 15:28	56802 BENV_T2	24	6	-18	0.29	0.47	0.18	-0.6	-0.57	0	0	0	0	0	0
5/15/2023 15:28	27503 WEIS_T2	1	0	-1	0.2	0	-0.2	0	0	0	0	0	0	0	0
5/15/2023 15:28	67503 WEWI_T2	0	0	0	0	0	0	-0.16	-0.06	0	0	0	0	0	0
5/15/2023 15:28	47402 PENS_T1	2	1	-1	0.2	0.5	0.3	0	0	0	0	0	0	0	0
5/15/2023 15:28	52402 GRPA_T2	12	9	-3	0.55	0.41	-0.14	0	0	0	0	0	0	0	0
5/15/2023 15:28	15001 BLMO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
5/15/2023 15:28	59101 WALK_T2	2	1	-1	0.65	0.3	-0.35	3.94	3.61	0	0	0	0	0	0
5/15/2023 15:29	20403 ASHF_T2	11	63	52	0.67	0.31	-0.36	0.64	0.39	0	0	0	0	0	0
5/15/2023 15:29	42802 SELI_T1	0	0	0	0	0	0	-0.72	-0.66	1	1	0	900	900	0
5/15/2023 15:29	47401 PENS_T1	1	2	1	0.3	0.15	-0.15	1.3	1.32	0	0	0	0	0	0
5/15/2023 15:29	67502 WEWI_T2	5	7	2	0.48	0.41	-0.07	0	0	0	0	0	0	0	0
5/15/2023 15:29	40502 CRES_T2	1	1	0	0.1	0.1	0	0.11	0.06	0	0	0	0	0	0
5/15/2023 15:29	15001 BLMO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
5/15/2023 15:29	45902 AUBU_T1	0	1	1	0	0.1	0.1	-0.57	-0.59	1	1	0	600	600	0
5/15/2023 15:29	53501 EVIL_T2	9	8	-1	0.74	0.69	-0.05	-0.22	0.17	1	0	-1	600	0	-600
5/15/2023 15:30	63802 HEMP_T1	1	0	-1	0.1	0	-0.1	0	0	0	0	0	0	0	0
5/15/2023 15:30	56802 BENV_T2	5	27	22	0.52	0.2	-0.32	-0.6	-0.57	0	0	0	0	0	0
5/15/2023 15:30	67204 TEHI_T2	1	1	0	0.4	0.4	0	-0.08	-0.05	0	0	0	0	0	0
5/15/2023 15:30	42701 AUGU_T1	4	2	-2	0.25	0.2	-0.05	0	0	4	4	0	3600	3600	0
5/15/2023 15:30	40502 CRES_T2	1	3	2	0.1	0.2	0.1	0.11	0.06	0	0	0	0	0	0
5/15/2023 15:30	48901 FOSP_T2	1	0	-1	0.1	0	-0.1	-0.38	-0.4	1	1	0	600	600	0
5/15/2023 15:31	60801 BUCK_T1	103	132	29	0.3	0.37	0.07	0	0	0	0	0	0	0	0
5/15/2023 15:31	29402 BELT_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
5/15/2023 15:31	57603 RUTH_T2	0	1	1	0	0.2	0.2	0	0	0	0	0	0	0	0
5/15/2023 15:32	28604 BLYT_T2	1	0	-1	0.1	0	-0.1	-1.35	-1.38	0	0	0	0	0	0
5/15/2023 15:32	56802 BENV_T2	5	27	22	0.52	0.2	-0.32	-0.6	-0.57	0	0	0	0	0	0
5/15/2023 15:32	29402 BELT_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
5/15/2023 15:33	53501 EVIL_T2	8	8	0	0.69	0.76	0.07	-0.22	0.17	1	0	-1	600	0	-600
5/15/2023 15:36	50201 HARR_T3	1	1	0	0.2	0.3	0.1	0	0	0	0	0	0	0	0
5/15/2023 15:39	40901 JESH_T1	0	1	1	0	0	0	0	0	0	0	0	0	0	0
5/15/2023 15:42	14402 SSLA_T1	6	4	-2	0.53	0.55	0.02	0	0	0	0	0	0	0	0
5/15/2023 15:42	66502 SMAN_T2	1	2	1	0.2	0.2	0	0	0	0	0	0	0	0	0
5/15/2023 15:45	66501 SMAN_T2	2	1	-1	0.25	0.1	-0.15	0	0	0	0	0	0	0	0
5/15/2023 15:46	40502 CRES_T2	1	6	5	0.1	0.15	0.05	0.06	0.05	0	0	0	0	0	0
5/15/2023 15:46	59101 WALK_T2	1	0	-1	0.3	0	-0.3	1.81	1.87	0	0	0	0	0	0
5/15/2023 15:46	44802 EDAN_T2	2	2	0	0.3	0.2	-0.1	-1.54	-1.55	1	1	0	1200	1200	0
5/15/2023 15:58	57304 MOAL_T2	2	1	-1	0.5	0.8	0.3	-0.4	-0.33	0	0	0	0	0	0
5/15/2023 16:02	42802 SELI_T1	0	0	0	0	0	0	-0.69	-0.75	1	1	0	900	900	0
5/15/2023 16:15	64802 MONE_T2	3	1	-2	0.33	0.3	-0.03	0.2	0.19	0	0	0	0	0	0
5/15/2023 16:16	42802 SELI_T1	0	0	0	0	0	0	-0.75	-0.69	1	1	0	900	900	0
5/15/2023 16:22	56801 BENV_T1	5	34	29	0.36	0.54	0.18	-0.02	-1.25	0	2	2	0	1200	1200
5/15/2023 16:22	64101 REFR_T1	0	0	0	0	0	0	-0.01	-0.02	0	0	0	0	0	0
5/15/2023 16:22	66703 STRA_T1	0	0	0	0	0	0	-0.05	-0.06	0	0	0	0	0	0
5/15/2023 16:23	66703 STRA_T1	0	0	0	0	0	0	-0.05	-0.06	0	0	0	0	0	0
5/15/2023 16:27	47402 PENS_T1	2	0	-2	0.45	0	-0.45	0	0	0	0	0	0	0	0
5/15/2023 16:28	56801 BENV_T1	5	34	29	0.36	0.54	0.18	-0.01	-0.63	0	1	1	0	600	600
5/15/2023 16:36	47401 PENS_T1	1	1	0	2.4	2.2	-0.2	0	0	0	0	0	0	0	0
5/15/2023 16:42	42701 AUGU_T1	0	1	1	0	0.2	0.2	0	0	2	2	0	1800	1800	0
5/15/2023 16:53	67502 WEWI_T2	0	0	0	0	0	0	-0.18	-0.2	0	0	0	0	0	0
5/15/2023 16:58	48902 FOSP_T2	0	0	0	0	0	0	-0.02	0.01	0	0	0	0	0	0
5/15/2023 17:02	57602 RUTH_T2	0	0	0	0	0	0	0.28	0.22	0	0	0	0	0	0
5/15/2023 17:02	15001 BLMO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
5/15/2023 17:13	48902 FOSP_T2	0	0	0	0	0	0	0.01	-0.01	0	0	0	0	0	0
5/15/2023 17:15	45501 DERR_T2	1	1	0	0.1	0	-0.1	1.11	1.27	2	2	0	1800	1800	0
5/15/2023 17:15	15001 BLMO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
5/15/2023 17:17	56802 BENV_T2	2	62	60	0.65	0.17	-0.48	-0.54	-0.46	0	0	0	0	0	0
5/15/2023 17:18	45501 DERR_T2	1	1	0	0.1	0	-0.1	1.11	1.27	2	2	0	1800	1800	0
5/15/2023 17:19	53501 EVIL_T2	7	4	-3	0.49	0.45	-0.04	0.14	-0.2	0	0	0	0	0	0
5/15/2023 18:01	56802 BENV_T2	3	12	9	0.43	0.21	-0.22	-0.62	-0.6	0	0	0	0	0	0
5/15/2023 18:42	66505 SMAN_T2	0	0	0	0	0	0	0.63	0.58	1	1	0	900	900	0
5/15/2023 18:46	66505 SMAN_T2	0	0	0	0	0	0	0.63	0.58	1	1	0	900	900	0
5/15/2023 18:54	45902 AUBU_T1	14	8	-6	0.28	0.31	0.03	0	0	0	0	0	0	0	0
5/15/2023 19:02	42802 SELI_T1	0	1	1	0	0.4	0.4	-0.83	-0.89	1	1	0	900	900	0
5/15/2023 19:14	56802 BENV_T2	15	133	118	0.2	0.25	0.05	-0.6	-0.67	0	0	0	0	0	0
5/15/2023 19:16	42802 SELI_T1	1	1	0	0.2	0.4	0.2	-0.89	-0.88	1	1	0	900	900	0
5/15/2023 19:19	56802 BENV_T2	23	133	110	0.18	0.25	0.07	-0.67	-0.58	0	0	0	0	0	0
5/15/2023 19:22	66703 STRA_T1	0	0	0	0	0	0	-0.19	-0.27	0	0	0	0	0	0
5/15/2023 19:24	66703 STRA_T1	0	0	0	0	0	0	-0.19	-0.27	0	0	0	0	0	0
5/15/2023 19:24	56802 BENV_T2	23	133	110	0.18	0.25	0.07	-0.67	-0.58	0	0	0	0	0	0
5/15/2023 19:27	47401 PENS_T1	0	0	0	0	0	0	1.05	1.11	0	0	0	0	0	0
5/15/2023 19:28	56801 BENV_T1	25	31	6	0.56	0.57	0.01	-0.66	-0.7	1	1	0	600	600	0
5/15/2023 19:34	42701 AUGU_T1	0	0	0	0	0	0	0	0	2	2	0	1800	1800	0
5/15/2023 19:36	47401 PENS_T1	0	0	0	0	0	0	1.11	1.08	0	0	0	0	0	0
5/15/2023 19:43	42701 AUGU_T1	0	0	0	0	0	0	0	0	2	2	0	1800	1800	0
5/15/2023 19:58	48902 FOSP_T2	0	0	0	0	0	0	0.03	0.03	0	0	0	0	0	0
5/15/2023 20:15	45501 DERR_T2	0	1	1	0	0	0	1.22	1.25	2	2	0	1800	1800	0
5/15/2023 20:15	48902 FOSP_T2	0	0	0	0	0	0	0.03	-0.03	0	0	0	0	0	0
5/15/2023 20:20	45501 DERR_T2	0	1	1	0	0	0	1.25	1.28	2	2	0	1800	1800	0
5/15/2023 20:39	52502 PROG_T2	0	0	0	0	0	0	-0.59	-0.61	1	1	0	900	900	0
5/15/2023 20:42	15001 BLMO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
5/15/2023 20:56	56802 BENV_T2	0	45	45	0	0.14	0.14	-0.69	-0.76	0	0	0	0	0	0
5/15/2023 20:58	52502 PROG_T2	0	0	0	0	0	0	-0.61	-0.64	1	1	0	900	900	0
5/15/2023 21:02	56802 BENV_T2	9	45	36	0.11	0.16	0.05	-1.37	-1.52	0	0	0	0	0	0
5/15/2023 21:15	45501 DERR_T2	0	1	1	0	0.1	0.1	1.24	0.9	2	2	0	1800	1800	0
5/15/2023 21:18	48902 FOSP_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
5/15/2023 21:22	40503 CRES_T2	2	0	-2	0.2	0	-0.2	0	0	0	0	0	0	0	0
5/15/2023 21:22	66503 SMAN_T2	1	1	0	0.2	0.3	0.1	0	0	0	0	0	0	0	0
5/15/2023 21:22	14802 TREI_T2	9	7	-2	0.13	0.2	0.07	0	0	0	0	0	0	0	0
5/15/2023 21:22	13302 ORVI_T2	0	0	0	0	0	0	0.64	0.63	0	0	0	0	0	0
5/15/2023 21:22	56803 BENV_T1	3	4	1	0.13	0.3	0.17	0	0	0	0	0	0	0	0
5/15/2023 21:22	66703 STRA_T1	0	4	4	0	0.18	0.18	-0.34	-0.37	0	0	0	0	0	0
5/15/2023 21:22	67204 TEHI_T2	0	0	0	0	0	0	0.05	0.03	0	0	0	0	0	0
5/15/2023 21:22	42802 SELI_T1	0	1	1	0	0.1	0.1	-0.97	-0.98	1	1	0	900	900	0
5/15/2023 21:22	20401 ASHF_T2	100	103	3	0.8	0.81	0.01	0	0	0	0	0	0	0	0
5/15/2023 21:27	47401 PENS_T1	0	0	0	0	0	0	0.82	0.79	0	0	0	0	0	0
5/15/2023 21:28	56803 BENV_T1	3	4	1	0.13	0.3	0.17	0	0	0	0	0	0	0	0
5/15/2023 21:43	60801 BUCK_T1	105	155	50	0.4	0.66	0.26	0	0	0	0	0	0	0	0
5/15/2023 21:47	60801 BUCK_T1	137	159	22	0.5	0.65	0.15	0	0	0	0	0	0	0	0
5/15/2023 22:02	55101 WERT_T1	0	0	0	0	0	0	-1.43	-0.92	1	2	1	900	1500	600
5/15/2023 22:13	56803 BENV_T1	4	0	-4	0.49	0.1	-0.39	0	0	0	0	0	0	0	0
5/15/2023 22:18	40101 HUNT_T2	0	2	2	0	0.1	0.1	-0.63	-0.65	0	0	0	0	0	0
5/15/2023 22:19	56802 BENV_T2	1	56	55	0.8	0.15	-0.65	-0.8	-0.84	0	0	0	0	0	0
5/15/2023 22:19	56803 BENV_T1	2	8	6	0.1	0.19	0.09	0	0	0	0	0	0	0	0
5/15/2023 22:19	42002 MNVL_T2	1	1	0	1.8	1.8	0	0	0	0	0	0	0	0	0
5/15/2023 22:19	59101 WALK_T2	0	0	0	0	0	0	1.15	1.18	0	0	0	0	0	0
5/15/2023 22:19	58402 MORO_T1	0	0	0	0	0	0	-0.53	-0.55	1	1	0	600	600	0
5/15/2023 22:20	56802 BENV_T2	1	56	55	0.8	0.15	-0.65	-0.8	-0.84	0	0	0	0	0	0
5/15/2023 22:20	47401 PENS_T1	0	0	0	0	0	0	0.75	0.79	0	0	0	0	0	0
5/15/2023 22:20	59101 WALK_T2	0	0	0	0	0	0	1.15	1.18	0	0	0	0	0	0
5/15/2023 22:23	40902 JESH_T1	0	0	0	0	0	0	-0.45	-0.45	0	0	0	0	0	0
5/15/2023 22:25	56802 BENV_T2	1	56	55	0.8	0.15	-0.65	-0.8	-0.84	0	0	0	0	0	0
5/15/2023 22:25	53501 EVIL_T2	1	7	6	0.7	0.29	-0.41	-0.53	-0.56	0	0	0	0	0	0
5/15/2023 22:25	42701 AUGU_T1	0	0	0	0	0	0	0	0	1	1	0	600	600	0
5/15/2023 22:26	44802 EDAN_T2	0	0	0	0	0	0	-1.82	-1.85	1	1	0	1200	1200	0
5/15/2023 22:29	56801 BENV_T1	31	38	7	0.99	1.23	0.24	-1.66	-1.73	2	2	0	1200	1200	0
5/15/2023 22:30	56803 BENV_T1	4	8	4	0.1	0.36	0.26	0	0	0	0	0	0	0	0
5/15/2023 22:35	48901 FOSP_T2	0	0	0	0	0	0	0.25	0.21	0	0	0	0	0	0
5/15/2023 22:38	42201 SHEN_T2	0	0	0	0	0	0	0.64	0.64	0	0	0	0	0	0
5/15/2023 22:39	42701 AUGU_T1	0	0	0	0	0	0	0	0	1	1	0	600	600	0
5/15/2023 22:39	57602 RUTH_T2	0	2	2	0	0.15	0.15	0.06	0	0	0	0	0	0	0
5/15/2023 22:40	42701 AUGU_T1	0	0	0	0	0	0	0	0	1	1	0	600	600	0
5/15/2023 22:42	67503 WEWI_T2	0	0	0	0	0	0	-0.27	-0.28	0	0	0	0	0	0
5/15/2023 22:44	40503 CRES_T2	0	0	0	0	0	0	0.49	0.48	0	0	0	0	0	0
5/15/2023 22:44	67502 WEWI_T2	70	0	-70	0.17	0	-0.17	0	0	0	0	0	0	0	0
5/15/2023 22:45	14404 SSLA_T1	0	1	1	0	0.1	0.1	0	0	0	0	0	0	0	0
5/15/2023 22:50	40502 CRES_T2	0	5	5	0	0.12	0.12	0.48	0.48	0	0	0	0	0	0
5/15/2023 22:54	67204 TEHI_T2	98	112	14	0.2	0.27	0.07	-0.68	-0.67	0	0	0	0	0	0
5/15/2023 22:55	63803 HEMP_T1	0	30	30	0	0.12	0.12	0	0	0	0	0	0	0	0
5/15/2023 22:56	29402 BELT_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
5/15/2023 22:57	42601 TUSC_T1	0	0	0	0	0	0	0	0	2	2	0	1800	1800	0
5/15/2023 22:58	47401 PENS_T1	0	0	0	0	0	0	0.69	0.75	0	0	0	0	0	0
5/15/2023 22:58	45902 AUBU_T1	0	0	0	0	0	0	-0.79	-0.85	1	1	0	600	600	0
5/15/2023 22:59	45902 AUBU_T1	0	0	0	0	0	0	-0.79	-0.85	1	1	0	600	600	0
5/15/2023 22:59	64301 LINC_T1	0	0	0	0	0	0	-0.09	-0.17	0	0	0	0	0	0
5/15/2023 22:59	52502 PROG_T2	0	0	0	0	0	0	-0.74	-0.75	1	1	0	900	900	0
5/15/2023 23:00	67502 WEWI_T2	0	0	0	0	0	0	-0.52	-0.63	0	0	0	0	0	0
5/15/2023 23:00	10805 CHHI_T2	1	1	0	7.9	7.4	-0.5	-0.88	-0.88	0	0	0	0	0	0
5/15/2023 23:00	48902 FOSP_T2	0	0	0	0	0	0	-0.32	-0.32	0	0	0	0	0	0
5/15/2023 23:01	47401 PENS_T1	0	0	0	0	0	0	0.69	0.75	0	0	0	0	0	0
5/15/2023 23:01	65602 QVIL_T2	46	46	0	1.8	1.74	-0.06	0	0	0	0	0	0	0	0
5/15/2023 23:01	57602 RUTH_T2	0	2	2	0	0.2	0.2	0	0.01	0	0	0	0	0	0
5/15/2023 23:02	15001 BLMO_T1	4	6	2	0.85	0.72

Appendix C - Grid Benefits Achieved in Each Instance of Active Management

5/16/2023 0:59	56802 BENV_T2	1	1	0	1	1	0	-3.11	-3.11	0	0	0	0	0	0
5/16/2023 0:59	53502 EVIL_T2	1	1	0	0.4	0.3	-0.1	0	0	0	0	0	0	0	0
5/16/2023 1:00	42802 SELI_T1	0	0	0	0	0	0	-0.16	-0.2	0	0	0	0	0	0
5/16/2023 1:04	57303 MOAL_T2	1	1	0	7.1	7	-0.1	0	0	0	0	0	0	0	0
5/16/2023 1:09	57304 MOAL_T2	0	0	0	0	0	0	-0.24	-0.61	0	0	0	0	0	0
5/16/2023 1:09	64101 REFR_T1	0	1	1	0	0	0	-0.01	-0.01	0	0	0	0	0	0
5/16/2023 1:09	66703 STRA_T1	5	0	-5	0.26	0	-0.26	-0.53	-0.57	0	0	0	0	0	0
5/16/2023 1:18	42802 SELI_T1	0	0	0	0	0	0	-0.2	-0.2	0	0	0	0	0	0
5/16/2023 1:19	56801 BENV_T1	29	29	0	0.87	0.74	-0.13	-0.95	-0.98	1	1	0	600	600	0
5/16/2023 1:20	56802 BENV_T2	1	1	0	0.4	0.2	-0.2	1.59	-1.6	0	0	0	0	0	0
5/16/2023 1:20	47401 PENS_T1	0	0	0	0	0	0	0.63	0.55	0	0	0	0	0	0
5/16/2023 1:25	66703 STRA_T1	0	3	3	0	0.1	0.1	-0.57	-0.54	0	0	0	0	0	0
5/16/2023 1:27	64101 REFR_T1	0	1	1	0	0	0	-0.01	-0.01	0	0	0	0	0	0
5/16/2023 1:29	56801 BENV_T1	29	29	0	0.87	0.74	-0.13	-1.9	-1.96	2	2	0	1200	1200	0
5/16/2023 1:33	56801 BENV_T1	28	29	1	0.74	0.79	0.05	-0.95	-0.98	1	1	0	600	600	0
5/16/2023 1:35	56801 BENV_T1	28	29	1	0.74	0.79	0.05	-1.96	-1.92	2	2	0	1200	1200	0
5/16/2023 1:36	56802 BENV_T2	1	1	0	0.2	0.3	0.1	-1.6	-1.6	0	0	0	0	0	0
5/16/2023 1:38	47403 PENS_T1	1	1	0	2.4	2.5	0.1	0	0	0	0	0	0	0	0
5/16/2023 1:39	57602 RUTH_T2	0	0	0	0	0	0	-0.1	-0.09	0	0	0	0	0	0
5/16/2023 1:39	42701 AUGU_T1	0	1	1	0	1.3	1.3	0	0	1	2	1	600	1800	1200
5/16/2023 1:43	57602 RUTH_T2	0	0	0	0	0	0	-0.1	-0.09	0	0	0	0	0	0
5/16/2023 1:46	42701 AUGU_T1	1	1	0	0.9	1.4	0.5	0	0	2	2	0	1800	1800	0
5/16/2023 2:00	67502 WEWI_T2	0	0	0	0	0	0	-0.73	-0.71	0	0	0	0	0	0
5/16/2023 2:00	48902 FOSP_T2	0	0	0	0	0	0	-0.43	-0.45	0	0	0	0	0	0
5/16/2023 2:01	57602 RUTH_T2	0	0	0	0	0	0	-0.09	-0.07	0	0	0	0	0	0
5/16/2023 2:02	15001 BLMO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
5/16/2023 2:05	45501 DERR_T2	1	1	0	0.9	0.7	-0.2	-0.01	-0.05	2	2	0	1800	1800	0
5/16/2023 2:15	57602 RUTH_T2	0	0	0	0	0	0	-0.07	-0.09	0	0	0	0	0	0
5/16/2023 2:17	67502 WEWI_T2	0	0	0	0	0	0	-0.71	-0.71	0	0	0	0	0	0
5/16/2023 2:17	48902 FOSP_T2	0	0	0	0	0	0	-0.45	-0.41	0	0	0	0	0	0
5/16/2023 2:20	15001 BLMO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
5/16/2023 2:22	45501 DERR_T2	1	1	0	0.7	1	0.3	-0.05	-0.09	2	2	0	1800	1800	0
5/16/2023 2:59	57602 RUTH_T2	0	0	0	0	0	0	-0.09	-0.09	0	0	0	0	0	0
5/16/2023 3:33	66505 SMAN_T2	0	0	0	0	0	0	-0.03	-0.15	1	1	0	900	900	0
5/16/2023 3:40	67502 WEWI_T2	0	0	0	0	0	0	-0.73	-0.68	0	0	0	0	0	0
5/16/2023 3:50	66502 SMAN_T2	0	1	-1	0	0	0	0	0	0	0	0	0	0	0
5/16/2023 3:50	56802 BENV_T2	1	1	0	0.7	0.8	0.1	-1.61	-1.59	0	0	0	0	0	0
5/16/2023 3:53	56802 BENV_T2	1	1	0	0.7	0.8	0.1	-1.61	-1.59	0	0	0	0	0	0
5/16/2023 3:54	45901 AUBU_T1	0	0	0	0	0	0	2.06	2.05	0	0	0	0	0	0
5/16/2023 3:59	45901 AUBU_T1	0	0	0	0	0	0	2.06	2.05	0	0	0	0	0	0
5/16/2023 4:04	57303 MOAL_T2	1	1	0	6.9	7.1	0.2	0	0	0	0	0	0	0	0
5/16/2023 4:09	66703 STRA_T1	133	33	-100	0.17	0.18	0.01	-0.57	-0.57	0	0	0	0	0	0
5/16/2023 4:11	57303 MOAL_T2	1	1	0	6.9	7.1	0.2	0	0	0	0	0	0	0	0
5/16/2023 4:19	56801 BENV_T1	29	29	0	0.94	0.74	-0.2	-0.96	-0.96	1	1	0	600	600	0
5/16/2023 4:20	42802 SELI_T1	0	0	0	0	0	0	-0.16	-0.16	0	0	0	0	0	0
5/16/2023 4:20	56802 BENV_T2	1	1	0	0.5	0.5	0	-1.58	-1.53	0	0	0	0	0	0
5/16/2023 4:21	42802 SELI_T1	0	0	0	0	0	0	-0.16	-0.16	0	0	0	0	0	0
5/16/2023 4:22	15001 BLMO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
5/16/2023 4:28	66703 STRA_T1	33	4	-29	0.18	0.2	0.02	-0.57	-0.56	0	0	0	0	0	0
5/16/2023 4:29	64101 REFR_T1	0	0	0	0	0	0	-0.01	-0.01	0	0	0	0	0	0
5/16/2023 4:29	56801 BENV_T1	29	29	0	0.94	0.74	-0.2	-1.92	-1.92	2	2	0	1200	1200	0
5/16/2023 4:30	64101 REFR_T1	0	0	0	0	0	0	-0.01	-0.01	0	0	0	0	0	0
5/16/2023 4:37	56801 BENV_T1	29	29	0	0.72	0.67	-0.05	-0.96	-0.96	1	1	0	600	600	0
5/16/2023 4:38	56801 BENV_T1	29	29	0	0.72	0.67	-0.05	-1.92	-1.92	2	2	0	1200	1200	0
5/16/2023 4:39	42701 AUGU_T1	1	1	0	0.9	1.3	0.4	0	0	2	2	0	1800	1800	0
5/16/2023 4:39	56802 BENV_T2	1	1	0	0.5	0.4	-0.1	-1.53	-1.58	0	0	0	0	0	0
5/16/2023 4:40	47401 PENS_T1	0	0	0	0	0	0	0.46	0.47	0	0	0	0	0	0
5/16/2023 4:41	47403 PENS_T1	0	1	1	0	2.4	2.4	0	0	0	0	0	0	0	0
5/16/2023 4:45	45501 DERR_T2	1	1	0	0.5	0.6	0.1	-0.36	-0.34	2	2	0	1800	1800	0
5/16/2023 4:49	66703 STRA_T1	0	0	-1	0.1	0	-0.1	-0.54	-0.55	0	0	0	0	0	0
5/16/2023 4:49	56801 BENV_T1	29	22	-7	0.67	0.58	-0.09	-1.92	-1.9	2	2	0	1200	1200	0
5/16/2023 4:49	42701 AUGU_T1	1	1	0	1.3	1.1	-0.2	0	0	2	2	0	1800	1800	0
5/16/2023 4:53	66505 SMAN_T2	0	0	0	0	0	0	-0.07	-0.01	1	1	0	900	900	0
5/16/2023 4:54	45901 AUBU_T1	0	0	0	0	0	0	2.03	2.09	0	0	0	0	0	0
5/16/2023 4:59	56801 BENV_T1	29	22	-7	0.67	0.58	-0.09	-0.96	-0.95	1	1	0	600	600	0
5/16/2023 4:59	42701 AUGU_T1	1	1	0	1.3	1.1	-0.2	0	0	2	2	0	1800	1800	0
5/16/2023 5:00	42802 SELI_T1	0	0	0	0	0	0	-0.15	-0.15	0	0	0	0	0	0
5/16/2023 5:00	48902 FOSP_T2	0	0	0	0	0	0	-0.42	-0.39	0	0	0	0	0	0
5/16/2023 5:00	47401 PENS_T1	0	0	0	0	0	0	0.47	0.56	0	0	0	0	0	0
5/16/2023 5:01	57602 RUTH_T2	0	0	0	0	0	0	-0.12	-0.16	0	0	0	0	0	0
5/16/2023 5:04	57304 MOAL_T2	0	0	0	0	0	0	-0.64	-0.62	0	0	0	0	0	0
5/16/2023 5:09	64101 REFR_T1	0	0	0	0	0	0	-0.01	-0.01	0	0	0	0	0	0
5/16/2023 5:10	56802 BENV_T2	1	1	0	0.2	0.4	0.2	-1.57	-1.54	0	0	0	0	0	0
5/16/2023 5:40	56802 BENV_T2	1	1	0	0.4	0.7	0.3	-1.56	-1.56	0	0	0	0	0	0
5/16/2023 9:53	14402 SSLA_T1	2	2	0	0.15	0.2	0.05	0	0	0	0	0	0	0	0
5/16/2023 10:00	56802 BENV_T2	19	38	19	0.35	0.26	-0.09	-3.65	-3.6	0	0	0	0	0	0
5/16/2023 10:00	20401 ASHF_T2	3	3	0	0.57	0.5	-0.07	0	0	0	0	0	3	0	0
5/16/2023 10:00	56601 HAMP_T1	0	0	0	0	0	0	-0.07	-0.12	0	0	0	0	0	0
5/16/2023 10:00	14402 SSLA_T1	2	1	-1	0.15	0.4	0.25	0	0	0	0	0	0	0	0
5/16/2023 10:00	12601 MACA_T1	1	1	0	0.5	0.7	0.2	0	0	0	0	0	0	0	0
5/16/2023 10:00	42601 TUSC_T1	0	0	0	0	0	0	0	0	3	3	0	2400	2400	0
5/16/2023 10:00	29401 BELT_T1	2	3	1	0.15	0.37	0.22	0	0	0	0	0	0	0	0
5/16/2023 10:00	63802 HEMP_T1	0	1	1	0	0.1	0.1	0	0	0	0	0	0	0	0
5/16/2023 10:00	24105 EHAZ_T1	4	4	0	6.3	6.28	-0.02	0	0	0	0	0	0	0	0
5/16/2023 10:00	48901 FOSP_T2	0	0	0	0	0	0	-0.01	0	2	2	0	1200	1200	0
5/16/2023 10:00	45901 AUBU_T1	0	0	0	0	0	0	2.07	2.03	0	0	0	0	0	0
5/16/2023 10:00	48901 FOSP_T2	0	0	0	0	0	0	-0.01	0	2	2	0	1200	1200	0
5/16/2023 10:00	60803 BUCK_T1	0	0	0	0	0	0	-0.83	-0.82	1	1	0	600	600	0
5/16/2023 10:00	67605 WARW_T1	1	12	11	0.8	0.33	-0.47	0	0	0	0	0	0	0	0
5/16/2023 10:00	52502 PROG_T2	3	0	-3	0.27	0	-0.27	-0.72	-0.71	1	1	0	900	900	0
5/16/2023 10:00	53502 EVIL_T2	0	2	2	0	0	0	0	0	0	0	0	0	0	0
5/16/2023 10:00	65602 QVIL_T2	31	5	-26	0.21	0.24	0.03	0	0	0	0	0	0	0	0
5/16/2023 10:00	44802 EDAN_T2	1	2	1	0.3	0.25	-0.05	-1.78	-1.67	1	1	0	1200	1200	0
5/16/2023 10:00	50103 HARR_T3	2	2	0	0.7	0.6	-0.1	-0.68	0.68	1	0	-1	1200	0	-1200
5/16/2023 10:00	15001 BLMO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
5/16/2023 10:00	66703 STRA_T1	0	0	0	0	0	0	-0.03	-0.08	0	0	0	0	0	0
5/16/2023 10:00	52502 PROG_T2	3	0	-3	0.27	0	-0.27	-0.72	-0.71	1	1	0	900	900	0
5/16/2023 10:00	67503 WEWI_T2	0	1	1	0	0.1	0.1	-0.63	-0.58	0	0	0	0	0	0
5/16/2023 10:00	47403 PENS_T1	1	1	0	1.4	1.5	0.1	0	0	0	0	0	0	0	0
5/16/2023 10:00	45901 AUBU_T1	0	0	0	0	0	0	2.07	2.03	0	0	0	0	0	0
5/16/2023 10:00	67502 WEWI_T2	3	6	3	0.37	0.32	-0.05	-0.25	-0.22	0	0	0	0	0	0
5/16/2023 10:00	41901 REID_T1	0	0	0	0	0	0	-0.5	-0.46	0	0	0	0	0	0
5/16/2023 10:00	67204 TEHI_T2	1	2	1	0.5	0.3	-0.2	-0.14	-0.2	0	0	0	0	0	0
5/16/2023 10:00	40502 CRES_T2	0	0	0	0	0	0	2	2.15	0	0	0	0	0	0
5/16/2023 10:00	27502 WEIS_T2	0	0	0	0	0	0	-0.49	-0.46	0	0	0	0	0	0
5/16/2023 10:00	57602 RUTH_T2	1	0	-1	0.1	0	-0.1	0.32	0.2	0	0	0	0	0	0
5/16/2023 10:00	10805 CHHI_T2	1	1	0	7.6	7.7	0.1	-1.45	-1.38	2	2	0	1800	1800	0
5/16/2023 10:00	64801 MONE_T2	3	3	0	0.37	0.47	0.1	0.22	0.29	0	0	0	0	0	0
5/16/2023 10:00	42201 SHEN_T2	0	0	0	0	0	0	0.7	0.72	0	0	0	0	0	0
5/16/2023 10:00	42802 SELI_T1	0	0	0	0	0	0	-0.75	-0.66	1	1	0	900	900	0
5/16/2023 10:00	28604 BLYT_T2	0	0	0	0	0	0	-1.43	-1.4	0	0	0	0	0	0
5/16/2023 10:00	45501 DERR_T2	3	3	0	0.5	0.5	0	0.96	0.66	2	2	0	1800	1800	0
5/16/2023 10:00	42701 AUGU_T1	0	0	0	0	0	0	0	0	3	3	0	1800	1800	0
5/16/2023 10:00	64301 LINC_T1	0	0	0	0	0	0	-0.24	-0.22	1	1	0	600	600	0
5/16/2023 10:07	64101 REFR_T1	0	0	0	0	0	0	-0.14	-0.12	0	0	0	0	0	0
5/16/2023 10:08	67503 WEWI_T2	0	1	1	0	0.1	0.1	-0.29	-0.28	0	0	0	0	0	0
5/16/2023 10:08	48901 FOSP_T2	0	0	0	0	0	0	0	-0.01	1	1	0	600	600	0
5/16/2023 10:09	40502 CRES_T2	0	0	0	0	0	0	0.54	0.53	0	0	0	0	0	0
5/16/2023 10:11	15001 BLMO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
5/16/2023 10:12	59102 WALK_T2	1	1	0	0.4	0.6	0.2	0	0	0	0	0	0	0	0
5/16/2023 10:12	57304 MOAL_T2	1	1	0	0.8	0.5	-0.3	-0.44	-0.61	0	0	0	0	0	0
5/16/2023 10:12	56802 BENV_T2	19	38	19	0.35	0.26	-0.09	-0.72	-0.7	0	0	0	0	0	0
5/16/2023 10:14	45901 AUBU_T1	0	0	0	0	0	0	2.03	2.06	0	0	0	0	0	0
5/16/2023 10:16	20403 ASHF_T2	10	9	-1	0.7	0.48	-0.22	1.24	1.29	0	0	0	0	0	0
5/16/2023 10:21	52402 GRPA_T2	9	9	0	0.42	0.4	-0.02	0	0	0	0	0	0	0	0
5/16/2023 10:22	42802 SELI_T1	0	0	0	0	0	0	-0.69	-0.7	1	1	0	900	900	0
5/16/2023 10:25	13302 ORVI_T2	4	9	5	0.55	0.49	-0.06	0.72	0.72	0	0	0	0	0	0
5/16/2023 10:28	42002 MNVL_T2	1	1	0	4.2	4	-0.2	0	0	0	0	0	0	0	0
5/16/2023 10:29	40101 HUNT_T2	3	3	0	0.17	0.33	0.16	-0.37	-0.33	0	0	0	0	0	0
5/16/2023 10:30	55101 WERT_T1	0	0	0	0	0	0	-1.64	-1.59	3	3	0	2400	2400	0
5/16/2023 10:31	56802 BENV_T2	16	16	0	0.41	0.43	0.02	-0.7	-0.67	0	0	0	0	0	0
5/16/2023 10:31	64101 REFR_T1	0	1	1	0	0.1	0.1	-0.12	-0.1	0	0	0	0	0	0
5/16/2023 10:33	59102 WALK_T2	1	1	0	0.3	0.7	0.4	0	0	0	0	0	0	0	0
5/16/2023 10:34	53501 EVIL_T2	4	4	0	0.58	0.23	-0.35	0.2	0.3	0	0	0	0	0	0
5/16/2023 10:35	64802 MONE_T2	2	2	0	0.4	0.6	0.2	0.31	0.32	0	0	0	0	0	0
5/16/2023 10:37	59102 WALK_T2	1	1	0	0.3	0.7	0.4	0	0	0	0	0	0	0	0
5/16/2023 10:37	58402 MORO_T1	0	0	0	0	0	0	-1.09	-1.01	2	2	0	1500	1500	0
5/16/2023 10:38	40901 JESH_T1	1	1	0	0.4	0.4	0	0	0	0	0	0	0	0	0
5/16/2023 10:38	56801 BENV_T1	47	45	-2	0.79	0.78	-0.01	-0.39	-0.51	0	0	0	0	0	0
5/16/2023 10:39	56801 BENV_T1	47	45	-2	0.79	0.78	-0.01	-0.26	-0.34	0	0	0	0	0	0
5/16/2023 10:41	56802 BENV_T2	16	16	0	0.41	0.43	0.02	-1.34	-1.34	0	0	0	0	0	0
5/16/2023 10:41	45003 LIME_Z	1	1	0	2.7	2.8	0.1	0	0	1	1	0	1200	1200	0
5/16/2023 10:43	47402 PENS_T1	0	1	1	0	0.3	0.3	0	0	0	0	0	0	0	0
5/16/2023 11:01	29401 BELT_T1	4	2	-2	0.28	0.4	0.12	0	0	0	0	0	0	0	0
5/16/2023 11:08	10805 CHHI_T2	1	1	0	7.8	7.9	0.1	-1.4	-1.37	2	2	0	1800	1800	0
5/16/2023 11:09	24105 EHAZ_T1	4	4	0	6.3	6.28	-0.02	0	0	0	0	0	0	0	0
5/16/2023 11:09	45501 DERR_T2	2	1	-1	0.7	1.3	0.6	0.87	0.84	2	2	0	1800	1800	0
5/16/2023 11:13	29401 BELT_T1	4	2	-2	0.28	0.4	0.12	0	0	0	0	0	0	0	0
5/16/2023 11:19	10805 CHHI_T2	1	1	0	7.9	8.3	0.4	-1.37	-1.28	2	2	0	1800	1800	0
5/16/2023 11:20	67502 WEWI_T2	3	2	-1	0.33	0.6	0.27	-0.07	-0.05	0	0	0	0	0	0
5/16/2023 11:20	48902 FOSP_T2	0	0	0	0	0	0	1.01	0.97	0	0	0	0	0	0
5/16/2023 11:23	48903 FOSP_T2	0	0	0	0	0	0	1.01	0.97	0	0	0	0	0	0
5/16/2023 11:24	67503 WEWI_T2	0	1	1	0	0.2	0.2	0	0	0	0	0	0	0	0
5/16/2023 11:29	45501 DERR_T2	1	1	0	1.3	1.2	-0.1	0.84	0.82	2	2	0	1800	1800	0
5/16/2023 11:32	51602 DUKE_T2	0	1	1	0	0.1	0.1	0	0	0	0	0	0	0	0
5/16/2023 11:34	59102 WALK_T2	1	2	1	0.5	0.45	-0.05	0	0	0	0	0	0	0	0
5/16/2023 12:06	15001 BLMO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
5/16/2023 12:25	66703 STRA_T1	0	1	1	0	0	0	0.09	0.13	0	0	0	0	0	0
5/16/2023 12:26	56801 BENV_T1	25	24	-1	0.64	0.56	-0.08	-0.13	-0.12	0	0	0	0	0	0
5/16/2023 12:29	45501 DERR_T2	2	4	2	0.1	0.55	0.45	0.68	0.82	2	2	0	1800	1800	0
5/16/2023 12:30	42802 SELI_T1	0	0	0	0	0	0	-0.67	-0.63	1	1	0	900	900	0
5/16/2023 12:33	56801 BENV_T1	23	40	17	0.58	0.6	0.02	-0.13	-0.12	0	0	0	0	0	0
5/16/2023 12:34	24105 EHAZ_T1	4	4	0	6.53	6.18	-0.35	0	0	0	0	0	0	0	0
5/16/2023 12:34	40502 CRES_T2	0	7	7	0	0.3	0.3	0.56	-0.01	0	0	0	0	0	0
5/16/2023 12:40	48901 FOSP_T2	0	1	1	0	0.1	0.1	0	0	0	0	0	0	0	0
5/16/2023 12:49	56802 BENV_T2	12	139	127	0.43	0.26	-0.17	-1.26	-1.34	0	0	0	0	0	0
5/16/2023 13:02	52502 PROG_T2	0	0	0	0	0	0	-0.64	-0.62	1	1	0	900	900	0
5/16/2023 13:07	57602 RUTH_T2	0	2	2	0	0.15	0.15	0.32	-0.61	0	0	0	0	0	0
5/16/2023 14:05	56801 BENV_T1	38	36	-2	0.49	0.45	-0.04	-0.69	-0.7	1	1	0	600	600	0
5/16/2023 14:08	56801 BENV_T1	38	36	-2	0.49	0.45	-0.04	-0.69	-0.7	1	1	0	600	600	0
5/16/2023 14:08	52502 PROG_T2	0	0	0	0	0	0	-0.57	-0.53	1	1	0	900	900	0
5/16/2023 14:17	56802 BENV_T2	10	5	-5	0.35	0.44	0.09	-1.3	-1.23	0	0	0	0	0	0
5/16/2023 14:17	56803 BENV_T2	2	0	-2	0.25	0	-0.25	0	0	0	0	0	0	0	0
5/16/2023 14:17	41901 REID_T1	1	4	3	0.1	0.18	0.08	0	0	0	0	0	0	0	0
5/16/2023 14:18	15001 BLMO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
5/16/2023 14:20	42201 SHEN_T2	2	1	-1	0.35	0.3	-0.05	0.75	0.83	0	0	0	0	0	0
5/16/2023 14:21	20401 ASHF_T2	33	19	-14	0.21	0.28	0.07	0	0	0	0	0	0	0

Appendix C - Grid Benefits Achieved in Each Instance of Active Management

5/16/2023 18:07	14801 TREI_T2	1	1	0	0.2	0.1	-0.1	0.56	0.53	0	0	0	0	0	0
5/16/2023 20:09	45501 DERR_T2	0	0	0	0	0	0	0.91	0.96	2	2	0	1800	1800	0
5/16/2023 20:17	24101 EHAZ_T1	7	0	-7	0.64	0	-0.64	0.31	0.28	1	1	0	600	600	0
5/16/2023 20:23	28604 BLYT_T2	0	0	0	0	0	0	-1.36	-1.34	0	0	0	0	0	0
5/16/2023 20:25	20401 ASHF_T2	82	70	-12	0.32	0.26	-0.06	0	0	0	0	0	0	0	0
5/16/2023 20:26	48901 FOSP_T2	0	0	0	0	0	0	0.22	0.26	0	0	0	0	0	0
5/16/2023 20:27	56802 BENV_T2	41	35	-6	0.2	0.17	-0.03	-1.25	-1.27	0	0	0	0	0	0
5/16/2023 21:23	65604 QVIL_T2	0	0	0	0	0	0	0.35	0.3	0	0	0	0	0	0
5/16/2023 21:30	15001 BLMO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
5/16/2023 21:32	47401 PENS_T1	0	0	0	0	0	0	0.98	0.91	0	0	0	0	0	0
5/16/2023 21:42	44502 HAMI_T2	1	1	0	3.7	3.4	-0.3	-0.93	-0.95	0	0	0	0	0	0
5/16/2023 21:42	52402 GRPA_T2	4	4	0	0.88	0.85	-0.03	0	0	0	0	0	0	0	0
5/16/2023 21:46	60803 BUCK_T1	0	1	1	0	0.3	0.3	-0.82	-0.87	1	1	0	600	600	0
5/16/2023 21:53	45501 DERR_T2	1	1	0	0.1	0.3	0.2	0.11	0.14	2	2	0	1800	1800	0
5/16/2023 21:59	42201 SHEN_T2	0	0	0	0	0	0	0.67	0.67	0	0	0	0	0	0
5/16/2023 22:01	56802 BENV_T2	299	168	-131	0.77	0.33	-0.44	-1.31	-1.34	0	0	0	0	0	0
5/16/2023 22:01	15001 BLMO_T1	0	2	2	0	0.1	0.1	0	0	0	0	0	0	0	0
5/16/2023 22:06	52402 GRPA_T2	4	4	0	0.75	0.65	-0.1	0	0	0	0	0	0	0	0
5/16/2023 22:08	40502 CRES_T2	2	0	-2	0.1	0	-0.1	0.56	0.58	0	0	0	0	0	0
5/16/2023 22:08	67502 WEWI_T2	3	68	65	0.1	0.15	0.05	0	0	0	0	0	0	0	0
5/16/2023 22:10	42802 SELI_T1	0	1	1	0	0.3	0.3	-0.03	-0.07	0	0	0	0	0	0
5/16/2023 22:12	67204 TEHI_T2	0	101	101	0	0.28	0.28	0.07	-0.62	0	0	0	0	0	0
5/16/2023 22:13	43402 BENT_T1	0	0	0	0	0	0	-0.96	-0.95	1	1	0	900	900	0
5/16/2023 22:14	59101 WALK_T2	1	0	-1	0.1	0	-0.1	1.19	1.14	0	0	0	0	0	0
5/16/2023 22:14	42802 SELI_T1	0	1	1	0	0.3	0.3	-0.03	-0.07	0	0	0	0	0	0
5/16/2023 22:17	54502 ENOL_T2	0	0	0	0	0	0	-1.96	-1.95	1	1	0	600	600	0
5/16/2023 22:18	60101 COCA_T1	0	0	0	0	0	0	0.38	0.24	0	0	0	0	0	0
5/16/2023 22:20	29401 BELT_T1	0	2	2	0	0.1	0.1	0	0	0	0	0	0	0	0
5/16/2023 22:22	40902 JESH_T1	0	0	0	0	0	0	-0.5	-0.54	1	1	0	600	600	0
5/16/2023 22:23	66703 STRA_T1	5	7	2	0.38	0.44	0.06	-0.31	-0.34	0	0	0	0	0	0
5/16/2023 22:23	64101 REFR_T1	0	0	0	0	0	0	-0.08	-0.1	0	0	0	0	0	0
5/16/2023 22:23	40502 CRES_T2	0	0	0	0	0	0	0.58	0.55	0	0	0	0	0	0
5/16/2023 22:24	56802 BENV_T2	168	4	-164	0.33	0.3	-0.03	-1.33	-1.38	0	0	0	0	0	0
5/16/2023 22:24	56801 BENV_T1	36	27	-9	0.74	0.65	-0.09	-0.82	-0.83	1	1	0	600	600	0
5/16/2023 22:27	14801 TREI_T2	0	0	0	0	0	0	0.3	0.29	0	0	0	0	0	0
5/16/2023 22:27	56801 BENV_T1	36	27	-9	0.74	0.65	-0.09	-1.63	-1.65	2	2	0	1200	1200	0
5/16/2023 22:31	53501 EVIL_T2	1	10	9	0.9	0.37	-0.53	-0.45	-0.54	0	0	0	0	0	0
5/16/2023 22:32	64801 MONE_T2	1	0	-1	0.9	0	-0.9	0	0	0	0	0	0	0	0
5/16/2023 22:34	29401 BELT_T1	0	4	4	0	0.13	0.13	0	0	0	0	0	0	0	0
5/16/2023 22:34	53501 EVIL_T2	1	10	9	0.9	0.37	-0.53	-0.54	-0.6	0	0	0	0	0	0
5/16/2023 22:35	44802 EDAN_T2	0	14	14	0	0.1	0.1	-1.74	-1.77	1	1	0	1200	1200	0
5/16/2023 22:35	58402 MORO_T1	0	0	0	0	0	0	-0.66	-0.66	1	1	0	600	600	0
5/16/2023 22:36	56801 BENV_T1	26	31	5	0.6	1.05	0.45	-0.83	-0.83	1	1	0	600	600	0
5/16/2023 22:39	56801 BENV_T1	26	31	5	0.6	1.05	0.45	-0.83	-0.83	1	1	0	600	600	0
5/16/2023 22:43	47401 PENS_T1	0	5	5	0	0.12	0.12	0.82	0.86	0	0	0	0	0	0
5/16/2023 22:44	57303 MOAL_T2	1	1	0	7.4	7	-0.4	0	0	0	0	0	0	0	0
5/16/2023 22:47	57602 RUTH_T2	0	0	0	0	0	0	0.09	0.09	0	0	0	0	0	0
5/16/2023 22:48	57602 RUTH_T2	0	0	0	0	0	0	0.09	0.09	0	0	0	0	0	0
5/16/2023 22:52	10805 CHHI_T2	1	1	0	7.4	7.3	-0.1	-1.38	-0.85	1	0	-1	600	0	-600
5/16/2023 22:54	60101 COCA_T1	0	0	0	0	0	0	0.25	0.23	0	0	0	0	0	0
5/16/2023 22:58	40502 CRES_T2	0	11	11	0	0.15	0.15	0.51	0.51	0	0	0	0	0	0
5/16/2023 23:11	63803 HEMP_T1	0	7	7	0	0.1	0.1	0	0	0	0	0	0	0	0
5/16/2023 23:20	48902 FOSP_T2	0	0	0	0	0	0	-0.3	-0.35	0	0	0	0	0	0
5/16/2023 23:23	67502 WEWI_T2	0	0	0	0	0	0	-0.5	-0.53	0	0	0	0	0	0
5/16/2023 23:25	15001 BLMO_T1	3	4	1	0.37	0.4	0.03	0	0	0	0	0	0	0	0
5/16/2023 23:25	47401 PENS_T1	0	0	0	0	0	0	0.75	0.7	0	0	0	0	0	0
5/17/2023 0:28	42802 SELI_T1	1	1	0	1.3	1.2	-0.1	-0.13	-0.14	0	0	0	0	0	0
5/17/2023 0:28	63801 HEMP_T1	0	0	0	0	0	0	0.01	0.06	0	0	0	0	0	0
5/17/2023 0:28	52502 PROG_T2	0	0	0	0	0	0	-1.54	-1.55	2	2	0	1800	1800	0
5/17/2023 0:28	45501 DERR_T2	0	0	0	0	0	0	0.05	0.02	2	2	0	1800	1800	0
5/17/2023 0:28	64101 REFR_T1	0	0	0	0	0	0	-0.01	-0.01	0	0	0	0	0	0
5/17/2023 0:28	57304 MOAL_T2	1	0	-1	0.2	0	-0.2	-0.67	-0.68	0	0	0	0	0	0
5/17/2023 0:28	14801 TREI_T2	0	0	0	0	0	0	0.21	0.2	0	0	0	0	0	0
5/17/2023 0:28	40502 CRES_T2	0	0	0	0	0	0	0.41	0.41	0	0	0	0	0	0
5/17/2023 0:28	59101 WALK_T2	0	0	0	0	0	0	1.16	1.1	0	0	0	0	0	0
5/17/2023 0:28	47402 PENS_T1	0	1	1	0	0.2	0.2	0	0	0	0	0	0	0	0
5/17/2023 0:28	64802 MONE_T2	0	0	0	0	0	0	0.12	0.13	0	0	0	0	0	0
5/17/2023 0:28	42601 TUSC_T1	0	0	0	0	0	0	0	0	1	1	0	600	600	0
5/17/2023 0:28	57602 RUTH_T2	0	0	0	0	0	0	-0.02	0	0	0	0	0	0	0
5/17/2023 0:28	60101 COCA_T1	0	0	0	0	0	0	0.32	0.34	0	0	0	0	0	0
5/17/2023 0:28	56801 BENV_T1	34	40	6	0.96	1.03	0.07	-5.58	-5.62	6	6	0	3600	3600	0
5/17/2023 0:28	45901 AUBU_T1	0	0	0	0	0	0	1.59	1.77	0	0	0	0	0	0
5/17/2023 0:28	15001 BLMO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
5/17/2023 0:28	66703 STRA_T1	0	0	0	0	0	0	-0.47	-0.46	0	0	0	0	0	0
5/17/2023 0:28	67502 WEWI_T2	0	0	0	0	0	0	-0.6	-0.6	0	0	0	0	0	0
5/17/2023 0:32	66505 SMAN_T2	3	3	0	0.57	0.6	0.03	-0.23	-0.37	2	2	0	1100	1100	0
5/17/2023 1:13	45501 DERR_T2	0	1	1	0	0.1	0.1	-0.12	0	2	2	0	1800	1800	0
5/17/2023 1:23	67502 WEWI_T2	0	0	0	0	0	0	-0.65	-0.68	0	0	0	0	0	0
5/17/2023 1:26	60101 COCA_T1	0	1	1	0	0.1	0.1	0.15	0.12	0	0	0	0	0	0
5/17/2023 1:34	59101 WALK_T2	0	0	0	0	0	0	1.09	1.1	0	0	0	0	0	0
5/17/2023 1:47	14801 TREI_T2	0	0	0	0	0	0	0.16	0.16	0	0	0	0	0	0
5/17/2023 2:07	57602 RUTH_T2	0	1	1	0	0.1	0.1	-0.08	-0.08	0	0	0	0	0	0
5/17/2023 2:22	45902 AUBU_T1	0	0	0	0	0	0	-0.89	-0.86	1	1	0	600	600	0
5/17/2023 2:42	45902 AUBU_T1	0	0	0	0	0	0	-0.86	-0.83	1	1	0	600	600	0
5/17/2023 3:09	65604 QVIL_T2	1	2	1	0.1	0.15	0.05	0.14	0.16	0	0	0	0	0	0
5/17/2023 3:10	64101 REFR_T1	0	31	31	0	0.12	0.12	-0.01	-0.01	0	0	0	0	0	0
5/17/2023 3:11	63803 HEMP_T1	0	1	1	0	0	0	0	0	0	0	0	0	0	0
5/17/2023 3:17	64101 REFR_T1	0	31	31	0	0.12	0.12	-0.01	-0.01	0	0	0	0	0	0
5/17/2023 3:18	64101 REFR_T1	0	31	31	0	0.12	0.12	-0.01	-0.01	0	0	0	0	0	0
5/17/2023 3:25	15001 BLMO_T1	0	3	3	0	0.1	0.1	0	0	0	0	0	0	0	0
5/17/2023 3:26	65604 QVIL_T2	0	2	2	0	0.15	0.15	0.16	0.14	0	0	0	0	0	0
5/17/2023 3:30	64101 REFR_T1	31	38	7	0.12	0.13	0.01	-0.01	-0.01	0	0	0	0	0	0
5/17/2023 3:39	47402 PENS_T1	1	1	0	0.5	0.9	0.4	0	0	0	0	0	0	0	0
5/17/2023 3:43	66703 STRA_T1	5	9	4	0.42	0.32	-0.1	-0.48	-0.48	0	0	0	0	0	0
5/17/2023 3:44	56801 BENV_T1	43	45	2	1.18	1.15	-0.03	-0.95	-0.94	1	1	0	600	600	0
5/17/2023 3:50	47401 PENS_T1	4	15	11	0.13	0.13	0	0.64	0.64	0	0	0	0	0	0
5/17/2023 3:50	42802 SELI_T1	0	0	0	0	0	0	-0.1	-0.16	0	0	0	0	0	0
5/17/2023 3:56	56801 BENV_T1	45	40	-5	1.15	1.14	-0.01	-0.94	-0.94	1	1	0	600	600	0
5/17/2023 3:58	40502 CRES_T2	0	0	0	0	0	0	0.38	0.4	0	0	0	0	0	0
5/17/2023 4:03	47402 PENS_T1	1	1	0	0.9	0.6	-0.3	0	0	0	0	0	0	0	0
5/17/2023 4:19	45901 AUBU_T1	0	0	0	0	0	0	1.81	1.8	0	0	0	0	0	0
5/17/2023 4:20	45901 AUBU_T1	0	0	0	0	0	0	1.81	1.8	0	0	0	0	0	0
5/17/2023 4:27	56801 BENV_T1	30	30	0	1.14	1.16	0.02	-1.9	-1.92	2	2	0	1200	1200	0
5/17/2023 4:32	64802 MONE_T2	0	0	0	0	0	0	0.1	0.11	0	0	0	0	0	0
5/17/2023 4:39	56801 BENV_T1	29	30	1	1.14	1.14	0	-0.96	-0.95	1	1	0	600	600	0
5/17/2023 4:42	64802 MONE_T2	0	0	0	0	0	0	0.11	0.13	0	0	0	0	0	0
5/17/2023 4:46	56801 BENV_T1	30	29	-1	1.14	0.9	-0.24	-2.88	-2.85	3	3	0	1800	1800	0
5/17/2023 5:05	47401 PENS_T1	0	0	0	0	0	0	0.62	0.66	0	0	0	0	0	0
5/17/2023 5:09	65604 QVIL_T2	0	0	0	0	0	0	0.19	0.16	0	0	0	0	0	0
5/17/2023 5:14	57303 MOAL_T2	1	1	0	6.5	6.6	0.1	0	0	0	0	0	0	0	0
5/17/2023 5:19	47403 PENS_T1	0	1	1	0	2.3	2.3	0	0	0	0	0	0	0	0
5/17/2023 5:19	56801 BENV_T1	27	25	-2	0.53	0.52	-0.01	-0.96	-0.94	1	1	0	600	600	0
5/17/2023 5:19	45901 AUBU_T1	0	0	0	0	0	0	1.76	1.86	0	0	0	0	0	0
5/17/2023 5:27	56801 BENV_T1	27	25	-2	0.53	0.52	-0.01	-1.92	-1.88	2	2	0	1200	1200	0
5/17/2023 5:37	60101 COCA_T1	0	0	0	0	0	0	0.15	0.16	0	0	0	0	0	0
5/17/2023 5:42	45902 AUBU_T1	0	0	0	0	0	0	-0.71	-0.96	1	1	0	600	600	0
5/17/2023 5:52	64802 MONE_T2	0	1	1	0	0	0	0.13	0.19	0	0	0	0	0	0
5/17/2023 8:36	41304 FISH_T2	0	0	0	0	0	0	0.1	0.22	0	0	0	0	0	0
5/17/2023 8:39	48901 FOSP_T2	0	0	0	0	0	0	0.11	0.03	1	1	0	600	600	0
5/17/2023 8:43	48901 FOSP_T2	0	0	0	0	0	0	0.11	0.03	1	1	0	600	600	0
5/17/2023 9:35	57603 RUTH_T2	1	0	-1	0.1	0	-0.1	0	0	0	0	0	0	0	0
5/17/2023 10:00	66703 STRA_T1	1	1	0	1.2	1.7	0.5	0	0	0	0	0	0	0	0
5/17/2023 10:00	45501 DERR_T2	2	1	-1	0.4	1	0.6	1.36	1.35	2	2	0	1800	1800	0
5/17/2023 10:00	57306 MOAL_T2	2	0	-2	0.25	0	-0.25	0	0	0	0	0	0	0	0
5/17/2023 10:00	52503 PROG_T2	0	0	0	0	0	0	-0.7	-0.72	1	1	0	900	900	0
5/17/2023 10:00	47403 PENS_T1	0	1	1	0	2.4	2.4	0	0	0	0	0	0	0	0
5/17/2023 10:00	29401 BELT_T1	0	1	1	0	0.2	0.2	0	0	1	0	-1	900	0	-900
5/17/2023 10:00	48902 FOSP_T2	0	0	0	0	0	0	0.57	0.72	0	0	0	0	0	0
5/17/2023 10:00	50201 HARR_T3	1	3	2	0.1	0.13	0.03	0	0	0	0	0	0	0	0
5/17/2023 10:00	48901 FOSP_T2	0	0	0	0	0	0	0.15	0.08	1	1	0	600	600	0
5/17/2023 10:00	52502 PROG_T2	0	0	0	0	0	0	-0.73	-0.74	1	1	0	900	900	0
5/17/2023 10:00	20401 ASHF_T2	3	10	7	0.6	0.44	-0.16	0	0	0	0	0	0	0	0
5/17/2023 10:00	59101 WALK_T2	0	1	1	0	0.4	0.4	1.31	1.12	0	0	0	0	0	0
5/17/2023 10:00	40502 CRES_T2	0	16	16	0	0.32	0.32	1.16	1	0	0	0	0	0	0
5/17/2023 10:00	15001 BLMO_T1	1	1	0	0.1	0.2	0.1	0	0	0	0	0	0	0	0
5/17/2023 10:00	56803 BENV_T1	4	10	6	0.7	0.61	-0.09	0	0	0	0	0	0	0	0
5/17/2023 10:00	67502 WEWI_T2	3	6	3	0.47	0.33	-0.14	-0.23	-0.2	0	0	0	0	0	0
5/17/2023 10:00	29402 BELT_T1	4	5	1	0.48	0.54	0.06	0	0	0	0	0	0	0	0
5/17/2023 10:00	28604 BLYT_T2	3	5	2	0.3	0.3	0	-1.45	-1.45	0	0	0	0	0	0
5/17/2023 10:00	56601 HAMP_T1	1	0	-1	0.3	0	-0.3	-0.06	-0.03	0	0	0	0	0	0
5/17/2023 10:00	63801 HEMP_T1	2	2	0	0.35	0.55	0.2	0.32	0.33	0	0	0	0	0	0
5/17/2023 10:00	12605 MACA_T1	3	1	-2	0.2	0.2	0	0	0	0	0	0	0	0	0
5/17/2023 10:00	57602 RUTH_T2	2	2	0	0.25	0.55	0.3	0.39	0.36	0	0	0	0	0	0
5/17/2023 10:00	42801 SELI_T1	0	6	6	0	0	0	0	0	0	0	0	0	0	0
5/17/2023 10:00	14802 TREI_T2	1	2	1	1.3	0.75	-0.55	0	0	0	0	0	0	0	0
5/17/2023 10:00	24101 EHAZ_T1	1	1	0	0.5	0.8	0.3	0.05	0.11	2	2	0	1200	1200	0
5/17/2023 10:00	53501 EVIL_T2	1	4	3	0.8	0.23	-0.57	0.22	0.26	2	2	0	1200	1200	0
5/17/2023 10:00	60801 BUCK_T1	181	155	-26	0.64	0.42	-0.22	0	0	0	0	0	0	0	0
5/17/2023 10:00	64801 MONE_T2	3	3	0	0.53	0.6	0.07	0.21	0.25	0	0	0	0	0	0
5/17/2023 10:00	56802 BENV_T2	163	195	32	0.24	0.36	0.12	-1.43	-1.37	0	0	0	0	0	0
5/17/2023 10:00	44801 EDAN_T2	2	1	-1	0.35	0.1	-0.25	0	0	0	0	0	0	0	0
5/17/2023 10:00	41902 REED_T1	0	0	0	0	0	0	2.06	2.07	0	0	0	0	0	0
5/17/2023 10:00	45901 AUBU_T1	0	0	0	0	0	0	1.89	1.58	0	0	0	0	0	0
5/17/2023 10:00	66501 SMAN_T2	2	2	0	0.45	0.45	0	0	0	0	0	0	0	0	0
5/17/2023 10:00	51604 DUKE_T2	7	6	-1	0.4	0.48	0.08	-1.69	-1.68	1	1	0	900	900	0
5/17/2023 10:00	67502 WEWI_T2	3	6	3	0.47	0.33	-0.14	-0.23	-0.2	0	0	0	0	0	0
5/17/2023 10:00	58402 MORO_T1	0	0	0	0	0	0	-1.03	-1.07	2	2	0	1500	1500	0
5/17/2023 10:00	67604 WARW_T1	3	4	1	0.13	0.18	0.05	0.04	0.17	0	0	0	0	0	0
5/17/2023 10:00	42201 SHEN_T2	0	0	0	0	0	0	0.7	0.72	0	0	0	0	0	0
5/17/2023 10:00	42601 TUSC_T1	3	0	-3	0.43	0	-0.43	0	0	2	3	1	1200	2400	1200
5/17/2023 10:00	52402 GRPA_T2	2	10	8	1	0.8	-0.2	0	0	0	0	0	0	0	0
5/17/2023 10:00	45902 AUBU_T1	0	0	0	0	0	0	-0.47	-0.53	1	1	0	600	600	0
5/17/2023 10:00	27502 WEIS_T2	0	0	0	0	0	0	0.02	0	0	0	0	0	0	0
5/17/2023 10:00	67204 TEHI_T2	1	1	0	0.6	0.6	0	-0.26	-0.2	0	0	0	0	0	0
5/17/2023 10:00	64101 REFR_T1	1	1	0	1.7	0.8	-0.9	-0.27	-0.27	0	0	0	0	0	0
5/17/2023 10:00	65604 QVIL_T2	0	0	0	0	0	0	0.26	0.27	0	0	0	0	0	0
5/17/2023 10:00	64802 MONE_T2	1	1	0	0.4	0.4	0	0.28	0.28	0	0	0	0	0	0
5/17/2023 10:00	10805 CHHI_T2	7	1	-6	1.56	8.4	6.84	-0.95	-0.93	1	1	0	1200	1200	0
5/17/2023 10:00	44502 HAMI_T2	1	1	0	1.9	2.1	0.2	-0.96	-0.94	0	0	0	0	0	0
5/17/2023 10:00	60101 COCA_T1	1	0	-1	0.8	0	-0.8	0.26	0.28	0	0	0	0	0	0
5/17/2023 10:03	56802 BENV_T2	163	195	32	0.24	0.36	0.12	-1.43	-1.37	0	0	0	0	0	0
5/17/2023 10:07	45501 DERR_T2	2	1	-1	0.4	1	0.6	1.35	1.34	2	2	0	1800	1800	0
5/17/2023 10:10	45901 AUBU_T1	0	0	0	0	0	0	1.58	1.59	0	0	0	0	0	0
5/17/2023 10:19	40502 CRES_T2	12	15	3	0.34	0.31	-0.03	-0.01	0.54	0	0	0	0	0	0
5/17/2023 10:21	15001 BLMO_T1	0	5	5	0	0.22	0.22	0	0	0	0	0	0	0	0
5/17/2023 10:22	56802 BENV_T2	60	210	150	0.22	0.35	0.13	-0.72	-0.67	0	0	0	0	0	0
5/17/2023 10:22	59101 WALK_T2	1	2	1	0.4	0.25	-0.15	1.35	1.19	0	0	0	0	0	0
5/17/2023 10

5/17/2023 13:33	14402 SSLA_T1	4	6	2	0.55	0.48	-0.07	0	0	0	0	0	0	0
5/17/2023 13:37	67502 WEWI_T2	10	31	21	0.45	0.32	-0.13	0	0	0	0	0	0	0
5/17/2023 13:38	43402 BENT_T1	3	3	0	0.6	0.87	0.27	-0.6	-1.23	1	2	1	900	1500	600
5/17/2023 13:40	42802 SELI_T1	0	0	0	0	0	0	-0.64	-0.72	1	1	0	900	900	0
5/17/2023 13:43	48902 FOSP_T2	0	0	0	0	0	0	0.35	0.31	0	0	0	0	0	0
5/17/2023 13:44	29401 BELT_T1	1	0	-1	0.1	0	-0.1	0	0	0	0	0	0	0	0
5/17/2023 13:44	45901 AUBU_T1	0	0	0	0	0	0	2.24	2.12	0	0	0	0	0	0
5/17/2023 13:52	56803 BENV_T1	6	6	0	0.58	0.82	0.24	0	0	0	0	0	0	0	0
5/17/2023 13:55	44802 EDAN_T2	3	4	1	0.57	0.45	-0.12	-1.77	-1.77	1	1	0	1200	1200	0
5/17/2023 14:08	10805 CHHI_T2	2	4	2	4	1.98	-2.02	-1.33	-1.33	1	1	0	1200	1200	0
5/17/2023 14:10	56802 BENV_T2	72	17	-55	0.23	0.46	0.23	-0.65	-0.6	0	0	0	0	0	0
5/17/2023 14:21	42201 SHEN_T2	2	2	0	1	1.3	0.3	0.73	0.74	0	0	0	0	0	0
5/17/2023 14:25	20402 ASHF_T2	6	14	8	0.55	0.51	-0.04	0	0	0	0	0	0	0	0
5/17/2023 14:33	53501 EVIL_T2	9	21	12	1.23	0.96	-0.27	-0.43	-1.24	4	4	0	2400	2400	0
5/17/2023 14:35	44504 HAMI_T2	2	2	0	0.8	0.7	-0.1	0	0	0	0	0	0	0	0
5/17/2023 14:36	56802 BENV_T2	13	69	56	0.45	0.21	-0.24	-0.64	-0.64	0	0	0	0	0	0
5/17/2023 14:36	15001 BLMO_T1	3	3	0	0.17	0.2	0.03	0	0	0	0	0	0	0	0
5/17/2023 14:40	20403 ASHF_T2	19	72	53	0.66	0.28	-0.38	1.32	1.42	1	1	0	0	0	0
5/17/2023 14:44	53501 EVIL_T2	9	21	12	1.23	0.96	-0.27	-0.62	-0.62	2	1	-1	1200	600	-600
5/17/2023 14:45	65003 NEFF_T2	7	10	3	0.39	0.39	0	0	0	0	0	0	0	0	0
5/17/2023 14:45	52502 PROG_T2	0	0	0	0	0	0	-0.69	-0.67	1	1	0	900	900	0
5/17/2023 15:01	52502 PROG_T2	0	0	0	0	0	0	-0.67	-0.7	1	1	0	900	900	0
5/17/2023 15:03	15001 BLMO_T1	3	1	-2	0.17	0.1	-0.07	0	0	0	0	0	0	0	0
5/17/2023 15:05	20403 ASHF_T2	13	41	28	0.56	0.33	-0.23	1.34	1.35	0	0	0	0	0	0
5/17/2023 15:06	14401 SSLA_T1	5	4	-1	0.76	0.8	0.04	0	0	0	0	0	0	0	0
5/17/2023 15:21	67502 WEWI_T2	12	10	-2	0.37	0.37	0	-0.22	-0.24	0	0	0	0	0	0
5/17/2023 15:33	51306 WIND_T2	0	1	1	0	0.1	0.1	0.19	0.21	0	0	0	0	0	0
5/17/2023 15:37	66504 SMAN_T2	1	1	0	0.2	0.1	-0.1	0	0	0	0	0	0	0	0
5/17/2023 15:46	44505 HAMI_T2	2	2	0	0.35	0.2	-0.15	0	0	0	0	0	0	0	0
5/17/2023 15:46	42201 SHEN_T2	1	2	1	1.6	1.2	-0.4	0.73	0.74	0	0	0	0	0	0
5/17/2023 15:50	52403 GRPA_T2	1	2	1	0.4	0.2	-0.2	0	0	0	0	0	0	0	0
5/17/2023 15:51	44504 HAMI_T2	2	1	-1	0.2	0.1	-0.1	0	0	0	0	0	0	0	0
5/17/2023 15:53	61303 EARL_T1	0	0	0	0	0	0	0.32	0.34	0	0	0	0	0	0
5/17/2023 15:57	66505 SMAN_T2	0	0	0	0	0	0	0.24	0.16	2	2	0	1100	1100	0
5/17/2023 16:14	59101 WALK_T2	0	0	0	0	0	0	1.32	1.31	1	1	0	600	600	0
5/17/2023 16:22	28604 BLYT_T2	1	2	1	0.2	0.25	0.05	-1.42	-1.43	0	0	0	0	0	0
5/17/2023 16:31	42001 MNVL_T2	2	2	0	0.25	0.25	0	0.05	0	0	0	0	0	0	0
5/17/2023 16:32	59101 WALK_T2	0	0	0	0	0	0	1.31	1.49	1	0	-1	600	0	-600
5/17/2023 16:35	60101 COCA_T1	1	1	0	0.8	0.7	-0.1	0.4	0.42	0	0	0	0	0	0
5/17/2023 16:38	56801 BENV_T1	3	5	2	0.47	0.28	-0.19	-0.1	-0.08	0	0	0	0	0	0
5/17/2023 16:40	56801 BENV_T1	3	5	2	0.47	0.28	-0.19	-0.1	-0.08	0	0	0	0	0	0
5/17/2023 16:45	52502 PROG_T2	0	0	0	0	0	0	-0.63	-0.63	1	1	0	900	900	0
5/17/2023 16:47	45001 LIME_2	14	21	7	0.17	0.26	0.09	0	0	0	0	0	0	0	0
5/17/2023 16:51	56801 BENV_T1	2	5	3	0.45	0.2	-0.25	-0.08	-0.09	0	0	0	0	0	0
5/17/2023 16:56	42701 AUGU_T1	2	1	-1	0.8	1.6	0.8	0	0	2	2	0	1800	1800	0
5/17/2023 16:56	67503 WEWI_T2	0	0	0	0	0	0	-0.14	-0.17	0	0	0	0	0	0
5/17/2023 16:57	54505 ENOL_T2	1	1	0	0.4	0.5	0.1	0	0	0	0	0	0	0	0
5/17/2023 17:03	40502 CRES_T2	0	0	0	0	0	0	0.57	0.58	0	0	0	0	0	0
5/17/2023 17:06	44502 HAMI_T2	2	2	0	1.7	1.7	0	-0.92	-0.99	0	0	0	0	0	0
5/17/2023 17:16	16301 ALPA_T1	1	1	0	0.2	0.3	0.1	-0.16	-0.18	0	0	0	0	0	0
5/17/2023 17:17	66505 SMAN_T2	0	0	0	0	0	0	0.17	0.1	2	2	0	1100	1100	0
5/17/2023 17:22	26402 INOR_T1	1	1	0	0.5	0.2	-0.3	-0.36	-0.36	0	0	0	0	0	0
5/17/2023 18:08	40603 PGR_T1	1	11	10	3.9	0.13	-3.77	0	0	0	0	0	0	0	0
5/17/2023 19:00	56803 BENV_T1	8	8	0	0.41	0.38	-0.03	0	0	0	0	0	0	0	0
5/17/2023 20:23	28604 BLYT_T2	0	0	0	0	0	0	-1.37	-1.37	0	0	0	0	0	0
5/17/2023 20:24	20403 ASHF_T2	98	102	4	0.62	0.61	-0.01	0	0	0	0	0	0	0	0
5/17/2023 20:26	54502 ENOL_T2	1	1	0	0.7	0.5	-0.2	0	0	0	0	0	0	0	0
5/17/2023 20:49	56802 BENV_T2	36	108	72	0.16	0.18	0.02	-0.78	-0.81	0	0	0	0	0	0
5/17/2023 20:49	15001 BLMO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
5/17/2023 21:02	48901 FOSP_T2	0	0	0	0	0	0	0.33	0.26	0	0	0	0	0	0
5/17/2023 21:03	14402 SSLA_T1	82	191	109	0.15	0.19	0.04	0	0	0	0	0	0	0	0
5/17/2023 21:06	45902 AUBU_T1	0	0	0	0	0	0	-0.44	-0.42	0	0	0	0	0	0
5/17/2023 21:11	67503 WEWI_T2	0	0	0	0	0	0	-0.29	-0.3	0	0	0	0	0	0
5/17/2023 21:11	45902 AUBU_T1	0	0	0	0	0	0	-0.44	-0.42	0	0	0	0	0	0
5/17/2023 21:13	52401 GRPA_T2	0	1	1	0	0.2	0.2	0	0	0	0	0	0	0	0
5/17/2023 21:14	42701 AUGU_T1	1	1	0	0.4	1.2	0.8	0	0	2	2	0	1800	1800	0
5/17/2023 21:16	67502 WEWI_T2	262	286	24	0.25	0.23	-0.02	0	0	0	0	0	0	0	0
5/17/2023 21:20	42802 SELI_T1	0	0	0	0	0	0	-0.03	-0.05	0	0	0	0	0	0
5/17/2023 21:21	45901 AUBU_T1	0	0	0	0	0	0	2.04	1.99	0	0	0	0	0	0
5/17/2023 21:22	29402 BELT_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
5/17/2023 21:27	15001 BLMO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
5/17/2023 21:38	44801 EDAN_T2	16	17	1	0.35	0.39	0.04	0	0	0	0	0	0	0	0
5/17/2023 21:44	60803 BUCK_T1	1	2	1	0.2	0.3	0.1	-0.98	-0.97	1	1	0	600	600	0
5/17/2023 21:45	44501 HAMI_T2	0	28	28	0	0.16	0.16	0	0	0	0	0	0	0	0
5/17/2023 21:46	52401 GRPA_T2	0	1	1	0	0.8	0.8	0	0	0	0	0	0	0	0
5/17/2023 21:48	56802 BENV_T2	212	165	-47	0.34	0.28	-0.06	-0.77	-0.72	0	0	0	0	0	0
5/17/2023 21:52	53501 EVIL_T2	9	2	-7	0.18	0.15	-0.03	-0.59	-0.62	0	0	0	0	0	0
5/17/2023 21:55	66503 SMAN_T2	10	56	46	0.16	0.12	-0.04	0	0	0	0	0	0	0	0
5/17/2023 21:56	67503 WEWI_T2	0	11	11	0	0.1	0.1	-0.29	-0.33	0	0	0	0	0	0
5/17/2023 21:57	56802 BENV_T2	212	165	-47	0.34	0.28	-0.06	-0.72	-0.77	0	0	0	0	0	0
5/17/2023 22:06	56802 BENV_T2	165	1	-164	0.28	1.1	0.82	-0.77	-0.76	0	0	0	0	0	0
5/17/2023 22:08	59101 WALK_T2	0	0	0	0	0	0	0.89	0.89	0	0	0	0	0	0
5/17/2023 22:12	53501 EVIL_T2	0	7	7	0	0.26	0.26	-0.62	-0.63	0	0	0	0	0	0
5/17/2023 22:15	15001 BLMO_T1	0	3	3	0	0.1	0.1	0	0	0	0	0	0	0	0
5/17/2023 22:17	20403 ASHF_T2	0	0	0	0	0	0	0.04	0.02	0	0	0	0	0	0
5/17/2023 22:21	56802 BENV_T2	1	17	16	1.1	0.19	-0.91	-0.76	-1.46	0	0	0	0	0	0
5/17/2023 22:22	53501 EVIL_T2	2	8	6	0.15	0.28	0.13	-0.63	-0.59	0	0	0	0	0	0
5/17/2023 22:23	57602 RUTH_T2	1	2	1	0.1	0.5	0.4	-0.03	0.01	0	0	0	0	0	0
5/17/2023 22:26	42001 MNVL_T2	37	110	73	0.15	0.19	0.04	-0.03	-0.09	0	0	0	0	0	0
5/17/2023 22:27	28602 BLYT_T2	0	1	1	0	0.4	0.4	0	0	0	0	0	0	0	0
5/17/2023 22:32	59101 WALK_T2	0	0	0	0	0	0	0.89	0.85	0	0	0	0	0	0
5/17/2023 22:35	42802 SELI_T1	1	1	0	1.2	1.4	0.2	-0.09	-0.13	0	0	0	0	0	0
5/17/2023 22:36	56801 BENV_T1	16	26	10	0.25	0.63	0.38	-0.25	-0.25	0	0	0	0	0	0
5/17/2023 22:38	10805 CHHI_T2	1	1	0	7.7	7.4	-0.3	-1.01	-1.01	0	0	0	0	0	0
5/17/2023 22:38	56801 BENV_T1	16	26	10	0.25	0.63	0.38	-0.25	-0.25	0	0	0	0	0	0
5/17/2023 22:41	55101 WERT_T1	0	0	0	0	0	0	-1.03	-1.03	1	1	0	900	900	0
5/17/2023 22:43	40902 JESH_T1	0	0	0	0	0	0	-0.49	-0.48	1	1	0	600	600	0
5/17/2023 22:44	56801 BENV_T1	16	26	10	0.25	0.63	0.38	-0.25	-0.25	0	0	0	0	0	0
5/17/2023 22:44	14403 SSLA_T1	0	0	0	0	0	0	0.57	0.58	0	0	0	0	0	0
5/17/2023 22:46	56801 BENV_T1	18	30	12	0.38	0.8	0.42	-0.25	-0.25	0	0	0	0	0	0
5/17/2023 22:47	45001 LIME_2	30	31	1	0.36	0.39	0.03	0	0	0	0	0	0	0	0
5/17/2023 22:47	56801 BENV_T1	18	30	12	0.38	0.8	0.42	-0.25	-0.25	0	0	0	0	0	0
5/17/2023 22:49	56801 BENV_T1	18	30	12	0.38	0.8	0.42	-0.25	-0.27	0	0	0	0	0	0
5/17/2023 22:50	59101 WALK_T2	0	0	0	0	0	0	0.99	0.97	0	0	0	0	0	0
5/17/2023 22:51	56801 BENV_T1	18	30	12	0.38	0.8	0.42	-0.25	-0.27	0	0	0	0	0	0
5/17/2023 22:58	51302 WIND_T2	0	1	1	0	0.1	0.1	0	0	0	0	0	0	0	0
5/17/2023 22:58	67503 WEWI_T2	0	0	0	0	0	0	-0.37	-0.39	0	0	0	0	0	0
5/17/2023 23:04	42201 SHEN_T2	0	0	0	0	0	0	0.62	0.63	0	0	0	0	0	0
5/17/2023 23:05	67502 WEWI_T2	36	0	-36	0.15	0	-0.15	-0.65	-0.66	0	0	0	0	0	0
5/17/2023 23:06	40502 CRES_T2	10	12	2	0.26	0.24	-0.02	0.37	0.37	0	0	0	0	0	0
5/17/2023 23:07	42701 AUGU_T1	1	1	0	0.3	0.6	0.3	0	0	1	1	0	600	600	0
5/17/2023 23:07	44502 HAMI_T2	1	1	0	3.7	3.9	0.2	-1.06	-1.1	0	0	0	0	0	0
5/17/2023 23:12	40502 CRES_T2	10	12	2	0.26	0.24	-0.02	0.37	0.37	0	0	0	0	0	0
5/17/2023 23:15	48901 FOSP_T2	0	0	0	0	0	0	0.22	0.21	0	0	0	0	0	0
5/17/2023 23:27	16301 ALPA_T1	1	2	1	0.4	0.35	-0.05	-0.53	-0.54	0	0	0	0	0	0
5/17/2023 23:28	54502 ENOL_T2	1	1	0	0.1	0.5	0.4	-1.42	-1.41	0	0	0	0	0	0
5/17/2023 23:33	26401 INOR_T1	39	71	32	0.22	0.27	0.05	0	0	0	0	0	0	0	0
5/17/2023 23:36	57602 RUTH_T2	2	2	0	0.8	1	0.2	-0.06	-0.07	0	0	0	0	0	0
5/17/2023 23:39	15001 BLMO_T1	4	4	0	0.78	0.65	-0.13	0	0	0	0	0	0	0	0
5/17/2023 23:49	45501 DERR_T2	0	0	0	0	0	0	0.07	-0.01	2	2	0	1800	1800	0
5/18/2023 0:28	56802 BENV_T2	1	115	114	1.2	0.18	-1.02	-1.56	-1.53	0	0	0	0	0	0
5/18/2023 0:28	52402 GRPA_T2	1	4	3	0.7	0.38	-0.32	0	0	0	0	0	0	0	0
5/18/2023 0:28	40502 CRES_T2	1	0	-1	0.1	0	-0.1	0.64	0.62	0	0	0	0	0	0
5/18/2023 0:28	52502 PROG_T2	0	0	0	0	0	0	-0.88	-0.86	1	1	0	900	900	0
5/18/2023 0:28	42201 SHEN_T2	0	0	0	0	0	0	1.16	1.18	0	0	0	0	0	0
5/18/2023 0:28	45001 DERR_T2	0	0	0	0	0	0	0.06	0.04	2	2	0	1800	1800	0
5/18/2023 0:28	56801 BENV_T1	21	26	5	0.74	0.94	0.2	-2.32	-2.47	0	0	0	0	0	0
5/18/2023 0:28	60801 BUCK_T1	183	191	8	0.68	1.2	0.52	0	0	0	0	0	0	0	0
5/18/2023 0:28	42002 MNVL_T2	1	1	0	2.8	0	-2.8	0	0	0	0	0	0	0	0
5/18/2023 0:28	66505 SMAN_T2	3	3	0	0.33	0.83	0.5	-0.44	-0.49	1	1	0	900	900	0
5/18/2023 0:28	26402 INOR_T1	182	153	-29	0.25	0.21	-0.04	-0.42	-0.44	0	0	0	0	0	0
5/18/2023 0:28	60101 COCA_T1	0	0	0	0	0	0	0.07	0.04	0	0	0	0	0	0
5/18/2023 0:28	45003 LIME_2	2	1	-1	2.7	5	2.3	0	0	1	1	0	1200	1200	0
5/18/2023 0:28	42701 AUGU_T1	1	1	0	0.8	0.2	-0.6	0	0	1	1	0	600	600	0
5/18/2023 0:28	15001 BLMO_T1	0	3	3	0	0.1	0.1	0	0	0	0	0	0	0	0
5/18/2023 0:28	16301 ALPA_T1	0	0	0	0	0	0	-0.57	-0.56	0	0	0	0	0	0
5/18/2023 0:28	28601 BLYT_T2	1	1	0	0.6	0.3	-0.3	0	0	0	0	0	0	0	0
5/18/2023 0:28	59101 WALK_T2	0	0	0	0	0	0	0.74	0.92	0	0	0	0	0	0
5/18/2023 0:28	44501 HAMI_T2	20	0	-20	0.16	0	-0.16	0	0	0	0	0	0	0	0
5/18/2023 0:28	51306 WIND_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
5/18/2023 0:28	40902 JESH_T1	0	0	0	0	0	0	-1.16	-1.16	2	2	0	1200	1200	0
5/18/2023 0:28	42802 SELI_T1	0	0	0	0	0	0	-0.14	-0.18	0	0	0	0	0	0
5/18/2023 0:28	55101 WERT_T1	0	0	0	0	0	0	-1.09	-1.1	1	1	0	900	900	0
5/18/2023 0:28	67503 WEWI_T2	0	0	0	0	0	0	-0.43	-0.43	0	0	0	0	0	0
5/18/2023 0:31	48902 FOSP_T2	0	0	0	0	0	0	-0.39	-0.4	0	0	0	0	0	0
5/18/2023 0:45	44502 HAMI_T2	1	1	0	3.4	3.4	0	-1.08	-1.09	0	0	0	0	0	0
5/18/2023 0:50	52401 GRPA_T2	1	0	-1	0.1	0	-0.1	-0.41	-0.39	0	0	0	0	0	0
5/18/2023 0:55	66504 SMAN_T2	0	1	1	0	0	0	0	0	0	0	0	0	0	0
5/18/2023 1:32	59101 WALK_T2	0	0	0	0	0	0	0.88	0.71	0	0	0	0	0	0
5/18/2023 1:51	16301 ALPA_T1	0	0	0	0	0	0	-0.58	-0.6	0	0	0	0	0	0
5/18/2023 2:08	61303 EARL_T1	0	0	0	0	0	0	-0.15	-0.16	0	0	0	0	0	0
5/18/2023 2:19	15001 BLMO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
5/18/2023 2:29	45001 DERR_T2	0	0	0	0	0	0	0.04	0.02	2	2	0	1800	1800	0
5/18/2023 2:31	56801 BENV_T1	29	28	-1	0.97	0.98	0.01	-0.95	-0.96	1	1	0	600	600	0
5/18/2023 2:36	45902 AUBU_T1	0	0	0	0	0	0	-0.96	-0.98	1	1	0	600	600	0
5/18/2023 2:37	41801 GOCI_T2	0	1	1	0	0.1	0.1	0	0	0	0	0	0	0	0
5/18/2023 2:38	56801 BENV_T1	29	28	-1	0.97	0.98	0.01	-0.96	-0.93	1	1	0	600	600	0
5/18/2023 2:41	55101 WERT_T1	0	0	0	0	0	0	-1.1	-1.13	1	1	0	900	900	0
5/18/2023 2:42	45902 AUBU_T1	0	0	0	0	0	0	-0.96	-0.98	1	1	0	600	600	0
5/18/2023 2:43	41801 GOCI_T2	0	1	1	0	0.1	0.1	0	0	0	0	0	0	0	0
5/18/2023 2:43	47402 PENS_T1	1	1	0	0.5	0.3	-0.2	0	0	0	0	0	0	0	0
5/18/2023 2:43	40902 JESH_T1	0	0	0	0	0	0	-1.1	-1.15	2	2	0	1200	1200	0
5/18/2023 2:44	56801 BENV_T1	29	28	-1	0.97	0.98	0.01	-0.96	-0.93	1	1	0	600	600	0
5/18/2023 2:51	47401 PENS_T1	0	0	0	0	0	0	0.45	0.48	0	0	0	0	0	0
5/18/2023 2:52	40502 CRES_T2	0	0	0	0	0	0	0.3	0.32	0	0	0	0	0	0
5/18/2023 2:53	26402 INOR_T1	21	1	-20	0.13	0.1	-0.03	-0.46	-0.45	0	0	0	0	0	0
5/18/2023 2:55	42802 SELI_T1	0	0	0	0	0	0	-0.13	-0.14	0	0	0	0	0	0
5/18/2023 2:57	56802 BENV_T2	1	1	0	0.8	0.8	0	-1.57	-1.53	0	0	0	0	0	0
5/18/2023 2:57	41801 GOCI_T2	1	0	-1	0.1	0	-0.1	0	0	0	0	0	0	0	0
5/18/2023 3:06	40502 CRES_T2	0	0	0	0	0	0	0.32	0.32	0	0	0	0	0	0
5/18/2023 3:16	65604 QVIL_T2	0	0	0	0	0	0	0.14	0.12	0	0	0	0	0	0
5/18/2023 3:24	42001 MNVL_T2	0	0	0	0	0	0	-0.09	-0.08	0	0	0	0	0	0
5/18/2023 3:29	65602 QVIL_T2	47	45	-2	0.59	0.47	-0.12	0	0	0	0	0	0	0	0
5/18/2023 3:38	47402 PENS_T1	1	1	0	0.4	0.6	0.2	0	0	0	0	0	0	0	0
5/18/2023 3:44	60803 BUCK_T1	11	9	-2	0.25	0.14	-0.11	-1.16	-1.14	1	1	0	600	600	0
5/18/2023 3:46	56801 BENV_T1	23	27	4	0.74	0.78	0.04	-0.92	-0.93	1	1	0	600	600	0
5/18/2023 3:46	52403 GRPA_T2	0	2	2	0	0.3	0.3	-0.35

Appendix C - Grid Benefits Achieved in Each Instance of Active Management

5/18/2023 10:00	47402 PENS_T1	0	1	1	0	0.6	0.6	0	0	0	0	0	0	0	0
5/18/2023 10:00	44901 SCOT_T2	0	0	0	0	0	0	0.41	0.43	0	0	0	0	0	0
5/18/2023 10:00	51604 DUKE_T2	3	21	18	0.37	0.29	-0.08	-1.71	-1.69	1	1	0	900	900	0
5/18/2023 10:00	44502 HAMI_T2	2	2	0	1.15	1.3	0.15	-1.94	-1.9	0	0	0	0	0	0
5/18/2023 10:00	48902 FOSP_T2	0	0	0	0	0	0	0.38	0.57	0	0	0	0	0	0
5/18/2023 10:00	41901 REED_T1	4	1	-3	0.2	0.2	0	0	0	0	0	0	0	0	0
5/18/2023 10:00	42802 SELI_T1	1	2	1	0.4	0.5	0.1	-0.83	-0.87	1	1	0	900	900	0
5/18/2023 10:00	44802 EDAN_T2	1	1	0	0.2	0.5	0.3	-1.83	-1.88	1	1	0	1200	1200	0
5/18/2023 10:00	14403 SSLA_T1	4	4	0	0.53	0.83	0.3	0.76	0.75	0	0	0	0	0	0
5/18/2023 10:00	54504 ENOL_T2	1	2	1	0.6	0.7	0.1	0	0	0	0	0	0	0	0
5/18/2023 10:00	45003 LIME_2	1	1	0	4.4	4.6	0.2	0	0	1	1	0	1200	1200	0
5/18/2023 10:00	10805 CHHI_T2	2	1	-1	3.9	7.9	4	-0.97	-0.83	1	1	0	1200	1200	0
5/18/2023 10:00	59101 WALK_T2	0	0	0	0	0	0	5.13	5.64	0	0	0	0	0	0
5/18/2023 10:00	52502 PROG_T2	0	2	2	0	0.2	0.2	-0.75	-0.71	1	1	0	900	900	0
5/18/2023 10:00	16301 ALPA_T1	0	0	0	0	0	0	-0.4	-0.37	0	0	0	0	0	0
5/18/2023 10:00	66501 SMAN_T2	2	2	0	0.5	0.65	0.15	0	0	0	0	0	0	0	0
5/18/2023 10:00	20401 ASHF_T2	21	3	-18	0.31	0.8	0.49	0	0	0	0	0	0	0	0
5/18/2023 10:00	52402 GRPA_T2	4	9	5	0.3	0.42	0.12	0	0	0	0	0	0	0	0
5/18/2023 10:00	67502 WEWI_T2	3	5	2	0.5	0.52	0.02	-0.35	-0.31	0	0	0	0	0	0
5/18/2023 10:00	42201 SHEN_T2	0	3	3	0	0.27	0.27	0.06	0.1	2	2	0	1200	1200	0
5/18/2023 10:00	64801 MONE_T2	3	3	0	0.5	0.63	0.13	0.2	0.2	0	0	0	0	0	0
5/18/2023 10:00	57601 RUTH_T2	1	2	1	0.4	0.55	0.15	0	0	0	0	0	0	0	0
5/18/2023 10:00	51304 WIND_T2	0	3	3	0	0.3	0.3	0	0	0	0	0	0	0	0
5/18/2023 10:00	41802 GOCI_T2	5	0	-5	0.14	0	-0.14	0	0	0	0	0	0	0	0
5/18/2023 10:00	52503 PROG_T2	0	0	0	0	0	0	-0.71	-0.74	1	1	0	900	900	0
5/18/2023 10:00	56803 BENV_T1	3	4	1	0.57	0.75	0.18	0	0	0	0	0	0	0	0
5/18/2023 10:00	67502 WEWI_T2	3	5	2	0.5	0.52	0.02	-0.35	-0.31	0	0	0	0	0	0
5/18/2023 10:00	28604 BLYT_T2	0	1	1	0	0.1	0.1	-1.43	-1.42	0	0	0	0	0	0
5/18/2023 10:00	29402 BELT_T1	0	2	2	0	0.1	0.1	0	0	0	0	0	0	0	0
5/18/2023 10:00	53501 EVIL_T2	1	1	0	0.6	0.6	0	0.24	0.3	2	2	0	1200	1200	0
5/18/2023 10:00	48901 FOSP_T2	0	0	0	0	0	0	-0.1	-0.03	1	1	0	600	600	0
5/18/2023 10:00	42701 AUGU_T1	2	2	0	0.5	0.5	0	0	0	6	6	0	5400	5400	0
5/18/2023 10:00	45902 AUBU_T1	0	0	0	0	0	0	-1.41	-1.7	3	3	0	1800	1800	0
5/18/2023 10:00	15001 BLMO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
5/18/2023 10:00	42001 MNVL_T2	1	2	1	0.2	0.45	0.25	0.01	-0.02	0	0	0	0	0	0
5/18/2023 10:00	61303 EARL_T1	0	0	0	0	0	0	0.55	0.62	0	0	0	0	0	0
5/18/2023 10:00	60101 COCA_T1	1	1	0	1	0.1	-0.9	0.26	0.23	0	0	0	0	0	0
5/18/2023 10:03	60801 BUCK_T1	75	84	9	0.24	0.27	0.03	0	0	0	0	0	0	0	0
5/18/2023 10:05	52401 GRPA_T2	0	0	0	0	0	0	-0.43	-0.41	0	0	0	0	0	0
5/18/2023 10:05	12402 MILF_T1	1	1	0	1.7	1.6	-0.1	0	0	0	0	0	0	0	0
5/18/2023 10:05	52401 GRPA_T2	0	0	0	0	0	0	-0.43	-0.41	0	0	0	0	0	0
5/18/2023 10:08	53501 EVIL_T2	1	1	0	0.6	0.6	0	0.15	0.08	1	1	0	600	600	0
5/18/2023 10:13	45901 AUBU_T1	0	0	0	0	0	0	1.87	1.96	0	0	0	0	0	0
5/18/2023 10:15	14401 SSLA_T1	1	2	1	1.6	0.8	-0.8	0	0	0	0	0	0	0	0
5/18/2023 10:22	67502 WEWI_T2	2	6	4	0.75	0.47	-0.28	0	0	0	0	0	0	0	0
5/18/2023 10:22	48901 FOSP_T2	0	0	0	0	0	0	-0.08	-0.04	1	1	0	600	600	0
5/18/2023 10:23	65005 NEFF_T2	1	10	9	0.2	0.17	-0.03	0	0	0	0	0	0	0	0
5/18/2023 10:24	67204 TEHI_T2	0	1	1	0	0.3	0.3	-0.13	-0.14	0	0	0	0	0	0
5/18/2023 10:25	15001 BLMO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
5/18/2023 10:27	56802 BENV_T2	55	337	282	0.27	0.26	-0.01	-1.4	-1.4	0	0	0	0	0	0
5/18/2023 10:29	45901 AUBU_T1	0	0	0	0	0	0	1.96	1.87	0	0	0	0	0	0
5/18/2023 10:31	28604 BLYT_T2	0	1	1	0	0.1	0.1	-1.43	-1.44	0	0	0	0	0	0
5/18/2023 10:32	20401 ASHF_T2	3	3	0	0.6	0.63	0.03	0	0	0	0	0	0	0	0
5/18/2023 10:39	43402 BENT_T1	0	3	3	0	0.73	0.73	-0.75	-0.7	1	1	0	900	900	0
5/18/2023 10:43	40602 PIGR_T1	0	1	1	0	0.3	0.3	0	0	0	0	0	0	0	0
5/18/2023 10:45	56802 BENV_T2	299	233	-66	0.27	0.29	0.02	-1.4	-1.44	0	0	0	0	0	0
5/18/2023 10:47	64101 REFR_T1	2	2	0	1.45	1.35	-0.1	-0.18	-0.18	0	0	0	0	0	0
5/18/2023 10:47	56802 BENV_T2	299	233	-66	0.27	0.29	0.02	-1.4	-1.44	0	0	0	0	0	0
5/18/2023 10:52	56802 BENV_T2	299	233	-66	0.27	0.29	0.02	-2.88	-2.8	0	0	0	0	0	0
5/18/2023 10:57	51602 DUKE_T2	1	2	1	0.5	0.45	-0.05	0	0	0	0	0	0	0	0
5/18/2023 11:02	53501 EVIL_T2	1	2	1	0.3	0.65	0.35	0.37	0.64	1	1	0	600	600	0
5/18/2023 11:05	53501 EVIL_T2	1	2	1	0.3	0.65	0.35	0.64	0.4	1	1	0	600	600	0
5/18/2023 11:08	42701 AUGU_T1	3	7	4	0.6	0.43	-0.17	0	0	2	2	0	1800	1800	0
5/18/2023 11:10	42701 AUGU_T1	3	7	4	0.6	0.43	-0.17	0	0	2	2	0	1800	1800	0
5/18/2023 11:15	67503 WEWI_T2	0	1	1	0	0.1	0.1	-0.29	-0.28	0	0	0	0	0	0
5/18/2023 11:18	67503 WEWI_T2	0	1	1	0	0.1	0.1	-0.29	-0.28	0	0	0	0	0	0
5/18/2023 11:18	42201 SHEN_T2	0	1	1	0	0.3	0.3	0.47	0.43	0	0	0	0	0	0
5/18/2023 11:19	66501 SMAN_T2	2	2	0	0.65	1.05	0.4	0	0	0	0	0	0	0	0
5/18/2023 11:20	67502 WEWI_T2	4	14	10	0.68	0.39	-0.29	-0.34	-0.34	0	0	0	0	0	0
5/18/2023 11:20	67502 WEWI_T2	4	14	10	0.68	0.39	-0.29	-0.34	-0.34	0	0	0	0	0	0
5/18/2023 11:21	67503 WEWI_T2	0	1	1	0	0.1	0.1	-0.28	-0.28	0	0	0	0	0	0
5/18/2023 11:22	56803 BENV_T1	6	7	1	0.95	0.8	-0.15	0	0	0	0	0	0	0	0
5/18/2023 11:24	42201 SHEN_T2	0	1	1	0	0.3	0.3	0.43	0.69	0	0	0	0	0	0
5/18/2023 11:24	42701 AUGU_T1	5	7	2	0.4	0.53	0.13	0	0	2	2	0	1800	1800	0
5/18/2023 11:25	56802 BENV_T2	190	655	465	0.32	0.28	-0.04	-1.41	-1.42	0	0	0	0	0	0
5/18/2023 11:27	66302 MCGD_T2	421	457	36	0.49	0.89	0.4	-1.79	-1.93	1	1	0	600	600	0
5/18/2023 11:30	54001 SDLE_T1	8	10	2	0.73	0.82	0.09	0	0	0	0	0	0	0	0
5/18/2023 11:30	10805 CHHI_T2	2	6	4	4.1	1.48	-2.62	-0.91	-0.93	1	1	0	1200	1200	0
5/18/2023 11:34	29401 BELT_T1	0	1	1	0	0.2	0.2	0	0	0	0	0	0	0	0
5/18/2023 11:37	29401 BELT_T1	0	1	1	0	0.2	0.2	0	0	0	0	0	0	0	0
5/18/2023 11:39	45501 DERR_T2	1	4	3	0.9	0.5	-0.4	1.32	1.29	2	2	0	1800	1800	0
5/18/2023 11:41	15001 BLMO_T1	0	1	1	0	0.2	0.2	0	0	0	0	0	0	0	0
5/18/2023 11:44	65602 QVIL_T2	2	0	-2	2.2	0	-2.2	0	0	0	0	0	0	0	0
5/18/2023 11:44	10805 CHHI_T2	2	6	4	4.1	1.48	-2.62	-0.91	-1.05	1	1	0	1200	1200	0
5/18/2023 11:48	42701 AUGU_T1	7	9	2	0.47	0.74	0.27	0	0	2	2	0	1800	1800	0
5/18/2023 11:50	10805 CHHI_T2	2	6	4	4	1.5	-2.5	-1.05	-1.12	1	1	0	1200	1200	0
5/18/2023 11:54	57602 RUTH_T2	2	2	0	0.8	0.35	-0.45	0.11	0.14	0	0	0	0	0	0
5/18/2023 11:56	45901 AUBU_T1	0	0	0	0	0	0	2.24	2.27	0	0	0	0	0	0
5/18/2023 12:05	45001 LIME_2	22	3	-19	0.26	0.17	-0.09	0	0	0	0	0	0	0	0
5/18/2023 12:06	28601 BLYT_T2	1	1	0	0.3	0.5	0.2	0	0	0	0	0	0	0	0
5/18/2023 12:12	61103 BERK_T5	12	10	-2	0.38	0.35	-0.03	0	0	0	0	0	0	0	0
5/18/2023 12:25	16302 ALPA_T2	9	7	-2	0.44	0.56	0.12	-0.62	-0.57	0	0	0	0	0	0
5/18/2023 12:26	45501 DERR_T2	3	3	0	0.77	0.7	-0.07	0	0	0	0	0	0	0	0
5/18/2023 12:29	47001 HUGH_T2	1	0	-1	0.1	0	-0.1	-0.07	-0.1	0	0	0	0	0	0
5/18/2023 12:31	52401 GRPA_T2	1	3	2	0.6	0.5	-0.1	0	0	0	0	0	0	0	0
5/18/2023 12:34	29402 BELT_T1	4	4	0	0.28	0.38	0.1	0	0	0	0	0	0	0	0
5/18/2023 12:35	42802 SELI_T1	0	0	0	0	0	0	-0.75	-0.71	1	1	0	900	900	0
5/18/2023 12:35	67503 WEWI_T2	1	0	-1	0.1	0	-0.1	-0.28	-0.23	0	0	0	0	0	0
5/18/2023 12:38	52402 GRPA_T2	74	81	7	0.32	0.34	0.02	0	0	0	0	0	0	0	0
5/18/2023 12:39	67503 WEWI_T2	1	0	-1	0.1	0	-0.1	-0.28	-0.23	0	0	0	0	0	0
5/18/2023 12:58	52401 GRPA_T2	3	3	0	0.5	0.3	-0.2	0	0	0	0	0	0	0	0
5/18/2023 13:20	67503 WEWI_T2	1	1	0	0.1	0.1	0	-0.25	-0.26	0	0	0	0	0	0
5/18/2023 13:27	44502 HAMI_T2	2	2	0	1.2	1.3	0.1	-0.93	-0.9	0	0	0	0	0	0
5/18/2023 13:35	15001 BLMO_T1	0	1	1	0	0.1	0.1	0	0	0	0	0	0	0	0
5/18/2023 13:38	53501 EVIL_T2	1	1	0	0.4	0.6	0.2	0.46	0.37	1	1	0	600	600	0
5/18/2023 13:42	53501 EVIL_T2	1	1	0	0.4	0.6	0.2	0.46	0.37	1	1	0	600	600	0
5/18/2023 13:47	57602 RUTH_T2	3	4	1	0.27	0.68	0.41	0.08	0.09	0	0	0	0	0	0
5/18/2023 13:59	20401 ASHF_T2	3	7	4	0.97	0.54	-0.43	0	0	0	0	0	0	0	0
5/18/2023 14:23	59102 WALK_T2	1	1	0	1	0.8	-0.2	0	0	0	0	0	0	0	0
5/18/2023 14:28	65604 QVIL_T2	1	0	-1	1.3	0	-1.3	0.5	0.54	0	0	0	0	0	0
5/18/2023 14:28	41902 REED_T1	1	2	1	1.1	0.9	-0.2	1.11	1.07	0	0	0	0	0	0
5/18/2023 14:28	42201 SHEN_T2	2	2	0	0.75	1.1	0.35	0.71	0.73	0	0	0	0	0	0
5/18/2023 14:38	27503 WEIS_T2	1	2	1	0.7	0.45	-0.25	0	0	0	0	0	0	0	0
5/18/2023 14:50	52502 PROG_T2	1	1	0	0.3	0.1	-0.2	-0.72	-0.73	1	1	0	900	900	0
5/18/2023 15:03	52502 PROG_T2	0	1	1	0	0.1	0.1	-0.72	-0.73	1	1	0	900	900	0
5/18/2023 15:17	64101 REFR_T1	2	1	-1	0.5	0.7	0.2	-0.15	-0.15	0	0	0	0	0	0
5/18/2023 15:30	52502 PROG_T2	0	0	0	0	0	0	-0.73	-0.71	1	1	0	900	900	0
5/18/2023 15:32	65601 QVIL_T2	0	1	1	0	0.1	0.1	0	0	0	0	0	0	0	0
5/18/2023 15:34	65604 QVIL_T2	0	1	1	0	0	0	0.23	0.27	0	0	0	0	0	0
5/18/2023 15:37	51306 WIND_T2	1	2	1	0.3	0.2	-0.1	0.19	0.13	0	0	0	0	0	0
5/18/2023 16:02	52402 GRPA_T2	9	4	-5	0.32	0.45	0.13	0	0	0	0	0	0	0	0
5/18/2023 16:14	41301 FISH_T1	3	3	0	1.8	1.67	-0.13	-0.09	-0.1	0	0	0	0	0	0
5/18/2023 16:15	52403 GRPA_T2	2	2	0	0.3	0.3	0	0	0	0	0	0	0	0	0
5/18/2023 16:19	15001 BLMO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
5/18/2023 16:19	51306 WIND_T2	1	1	0	0.2	0.1	-0.1	0.12	0.13	0	0	0	0	0	0
5/18/2023 16:20	50103 HARR_T3	2	2	0	0.45	1.15	0.7	-0.19	-0.11	0	0	0	0	0	0
5/18/2023 16:20	46302 ROHR_T1	2	3	1	0.8	0.67	-0.13	0.12	0.1	0	0	0	0	0	0
5/18/2023 16:21	65601 QVIL_T2	1	0	-1	0.1	0	-0.1	0	0	0	0	0	0	0	0
5/18/2023 16:21	52403 GRPA_T2	2	2	0	0.3	0.3	0	0	0	0	0	0	0	0	0
5/18/2023 16:21	65603 QVIL_T2	0	1	1	0	0	0	-0.54	-0.59	0	0	0	0	0	0
5/18/2023 16:21	59101 WALK_T2	0	2	2	0	0.3	0.3	1	0.68	0	0	0	0	0	0
5/18/2023 16:21	44802 EDAN_T2	1	0	-1	0.1	0	-0.1	-1.64	-1.67	1	1	0	1200	1200	0
5/18/2023 16:21	42701 AUGU_T1	1	3	2	1.3	1.1	-0.2	0	0	2	2	0	1800	1800	0
5/18/2023 16:30	42802 SELI_T1	0	0	0	0	0	0	-0.9	-0.9	1	1	0	900	900	0
5/18/2023 16:31	64902 MILL_T2	0	0	0	0	0	0	0.36	0.34	0	0	0	0	0	0
5/18/2023 16:45	46602 LACR_T1	0	0	0	0	0	0	-1.06	-1.02	0	0	0	0	0	0
5/18/2023 17:00	58402 MORO_T1	0	0	0	0	0	0	-0.25	-0.24	1	1	0	600	600	0
5/18/2023 17:02	57303 MOAL_T2	1	1	0	6.9	6.7	-0.2	0	0	0	0	0	0	0	0
5/18/2023 17:05	45003 LIME_2	2	2	0	2.75	2.75	0	0	0	1	1	0	1200	1200	0
5/18/2023 17:11	45003 LIME_2	2	2	0	2.75	2.75	0	0	0	1	1	0	1200	1200	0
5/18/2023 17:16	40502 CRES_T2	0	1	1	0	0	0	0.61	0.6	0	0	0	0	0	0
5/18/2023 17:55	61103 BERK_T5	5	5	0	0.18	0.26	0.08	0.15	0.16	0	0	0	0	0	0
5/18/2023 19:45	45003 LIME_2	2	3	1	2.3	2.25	-0.05	0	0	1	1	0	1200	1200	0
5/18/2023 20:23	56802 BENV_T2	1	1	0	0.1	0.8	0.7	-0.77	-0.79	0	0	0	0	0	0
5/18/2023 20:25	28604 BLYT_T2	0	0	0	0	0	0	-1.38	-1.38	0	0	0	0	0	0
5/18/2023 20:38	20401 ASHF_T2	3	21	18	0.17	0.2	0.03	0	0	0	0	0	0	0	0
5/18/2023 20:42	52403 GRPA_T2	0	0	0	0	0	0	-0.13	-0.1	0	0	0	0	0	0
5/18/2023 21:13	15001 BLMO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
5/18/2023 21:18	52403 GRPA_T2	2	2	0	0.15	0.5	0.35	-0.14	-0.14	0	0	0	0	0	0
5/18/2023 21:21	67502 WEWI_T2	0	0	0	0	0	0	-0.53	-0.55	0	0	0	0	0	0
5/18/2023 21:23	65602 QVIL_T2	1	2	1	1.7	0	-1.7	0	0	0	0	0	0	0	0
5/18/2023 21:33	54001 SDLE_T1	2	8	6	1.25	0.54	-0.71	0	0	1	1	0	600	600	0
5/18/2023 21:34	61101 BERK_T5	0	1	1	0	0.4	0.4	0	0	0	0	0	0	0	0
5/18/2023 21:50	64902 MILL_T2	0	0	0	0	0	0	0.2	0.21	0	0	0	0	0	0
5/18/2023 21:59	56802 BENV_T2	1	9	8	1.2	0.23	-0.97	-0.83	-0.85	0	0	0	0	0	0
5/18/2023 22:02	59101 WALK_T2	0	0	0	0	0	0	1.2	1.11	0	0	0	0	0	0
5/18/2023 22:02	66505 SMAN_T2	3	1	-2	0.7	7.3	6.6	-0.22	-0.08	1	1	0	900	900	0
5/18/2023 22:04	66302 MCGD_T2	0	0	0	0	0	0	-0.92	-0.93	0	0	0	0	0	0
5/18/2023 22:13	45901 AUBU_T1	0	0	0	0	0	0	1.44	1.41	0	0	0	0	0	0
5/18/2023 22:14	45901 AUBU_T1	0	0	0	0	0	0	1.44	1.41	0	0	0	0	0	0
5/18/2023 22:15	56803 BENV_T1	6	8	2	0.12	0.36	0.24	0	0	0	0	0	0	0	0
5/18/2023 22:18	67503 WEWI_T2	0	0	0	0	0	0	-0.31	-0.33	0	0	0	0	0	0
5/18/2023 22:25	28604 BLYT_T2	1	1	0	0.2	0.4	0.2	-1.44	-1.45	0	0	0	0	0	0
5/18/2023 22:30	42802 SELI_T1	0	0	0	0	0	0	-0.09	-0.12	0	0	0	0	0	0
5/18/2023 22:32	52404 GRPA_T2	0	1	1	0	0.4	0.4	0	0	0	0	0	0	0	0
5/18/2023 22:33	46302 ROHR_T1	3	3	0	1.33	1.43	0.1	0.12	0.08	0	0	0	0	0	0
5/18/2023 22:35	53501 EVIL_T2	12	13	1	0.43	0.56	0.13	-0.77	-0.75	0	0	0	0	0	0
5/18/2023 22:35	42802 SELI_T1	0	0	0	0	0	0	-0.12	-0.12	0	0	0	0	0	0
5/18/2023 22:36	46602 LACR_T1	0	0	0	0	0	0	-1.1	-1.14	0	0	0	0	0	0
5/18/2023 22:41	56803 BENV_T1	4	8	4	0.15	0.44	0.29	0	0	0	0	0	0	0	0
5/18/2023 22:42	42201 SHEN_T2	0	0	0	0	0	0	0.63	0.63	0	0	0	0	0	0
5/18/2023 22:43	41902 REED_T1	0	0	0	0	0	0	0.95	0.93	0	0	0	0	0	0
5/18/2023 22:43	44802 EDAN_T2	3	113	110	0.1	0.11	0.01	-1.93	-1.9	1	1	0	1200	1200	0
5/18/2023 22:45	56803 BENV_T1	8	8	0	0.36	0.55	0.19	0	0	0	0	0	0	0	0
5/18/2023 22:45	59101 WALK_T2	0	0	0	0	0	0	1.09	1.09	0	0	0	0	0	0
5/18/2023 22:47	56801 BENV_T1	38	40	2	1.15	1.43	0.28	-0.91	-0.89	1	1	0	600	600	0

Appendix C - Grid Benefits Achieved in Each Instance of Active Management

5/19/2023 0:28	59101 WALK_T2	0	0	0	0	0	0	0.97	1.01	0	0	0	0	0	0
5/19/2023 0:28	27502 WEIS_T2	0	0	0	0	0	0	-0.32	-0.39	0	0	0	0	0	0
5/19/2023 0:51	64902 MILL_T2	0	0	0	0	0	0	-0.86	-0.89	1	1	0	900	900	0
5/19/2023 1:03	51304 WIND_T2	0	4	4	0	0.48	0.48	0	0	0	0	0	0	0	0
5/19/2023 1:19	45501 DERR_T2	0	11	11	0	0.8	0.8	-0.08	-0.04	2	2	0	1800	1800	0
5/19/2023 1:26	59102 WALK_T2	0	1	1	0	1	1	0	0	0	0	0	0	0	0
5/19/2023 1:37	56802 BENV_T2	12	1	-11	1.65	1.3	-0.35	-3.08	-3.1	0	0	0	0	0	0
5/19/2023 1:50	42802 SELI_T1	0	0	0	0	0	0	-0.16	-0.16	0	0	0	0	0	0
5/19/2023 1:50	42701 AUGU_T1	1	1	0	1.9	2.2	0.3	0	0	2	2	0	1800	1800	0
5/19/2023 2:01	15001 BLMO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
5/19/2023 2:06	67503 WEWI_T2	0	0	0	0	0	0	-0.44	-0.44	0	0	0	0	0	0
5/19/2023 2:29	57303 MOAI_T2	1	1	0	6.8	6.8	0	0	0	0	0	0	0	0	0
5/19/2023 2:33	45901 AUBU_T1	0	0	0	0	0	0	1.24	1.23	0	0	0	0	0	0
5/19/2023 2:41	56801 BENV_T1	50	51	1	1.21	1.3	0.09	-0.98	-0.96	1	1	0	600	600	0
5/19/2023 2:42	66505 SMAN_T2	5	1	-4	0.18	0.1	-0.08	-0.43	-0.32	1	1	0	900	900	0
5/19/2023 2:46	56801 BENV_T1	51	50	-1	1.27	1.23	-0.04	-0.98	-0.96	1	1	0	600	600	0
5/19/2023 2:48	56803 BENV_T1	0	1	1	0	0.1	0.1	0	0	0	0	0	0	0	0
5/19/2023 2:56	40502 CRES_T2	20	19	-1	0.44	0.34	-0.1	0.3	0.29	0	0	0	0	0	0
5/19/2023 2:57	40502 CRES_T2	20	19	-1	0.44	0.34	-0.1	0.3	0.29	0	0	0	0	0	0
5/19/2023 3:03	65601 QVIL_T2	57	38	-19	0.11	0.11	0	0	0	0	0	0	0	0	0
5/19/2023 3:14	45901 AUBU_T1	0	0	0	0	0	0	1.27	1.37	0	0	0	0	0	0
5/19/2023 3:44	45502 DERR_T2	0	0	0	0	0	0	-0.58	-0.63	0	0	0	0	0	0
5/19/2023 3:55	42802 SELI_T1	0	0	0	0	0	0	-0.13	-0.12	0	0	0	0	0	0
5/19/2023 3:58	44502 HAMI_T2	1	1	0	3.7	3.7	0	-1.09	-1.1	0	0	0	0	0	0
5/19/2023 4:16	46602 LACR_T1	0	0	0	0	0	0	-0.94	-0.82	0	0	0	0	0	0
5/19/2023 9:37	26402 INOR_T1	0	0	0	0	0	0	-0.37	-0.4	0	0	0	0	0	0
5/19/2023 9:38	12403 MILF_T1	1	2	1	1.4	1.35	-0.05	0	0	0	0	0	0	0	0
5/19/2023 9:38	46506 LOHA_T1	0	0	0	0	0	0	-1.52	-1.55	1	1	0	900	900	0
5/19/2023 10:00	56803 BENV_T1	1	0	-1	0.1	0	-0.1	0	0	0	0	0	0	0	0
5/19/2023 10:00	56601 HAMP_T1	0	0	0	0	0	0	-0.13	-0.07	0	0	0	0	0	0
5/19/2023 10:00	50105 HARR_T3	6	6	0	6.12	6.22	0.1	0	0	0	0	0	0	0	0
5/19/2023 10:00	54001 SOLE_T1	8	9	1	0.55	0.52	-0.03	0	0	1	1	0	600	600	0
5/19/2023 10:00	42802 SELI_T1	0	1	1	0	0.6	0.6	-1.36	-1.48	2	2	0	1800	1800	0
5/19/2023 10:00	64101 REFR_T1	0	1	1	0	1.7	1.7	-0.16	-0.15	0	0	0	0	0	0
5/19/2023 10:00	56802 BENV_T2	1	1	0	1.1	1	-0.1	-0.77	-0.71	0	0	0	0	0	0
5/19/2023 10:00	51306 WIND_T2	0	0	0	0	0	0	0.26	0.24	0	0	0	0	0	0
5/19/2023 10:00	40502 CRES_T2	3	4	1	0.1	0.15	0.05	-0.07	-0.1	0	0	0	0	0	0
5/19/2023 10:00	47001 HUGH_T2	0	1	1	0	0.1	0.1	-0.73	-0.83	0	0	0	0	0	0
5/19/2023 10:00	46302 ROHR_T1	3	3	0	0.63	0.93	0.3	0.15	0.13	0	0	0	0	0	0
5/19/2023 10:00	12604 MACA_T1	0	0	0	0	0	0	0.32	0.27	0	0	0	0	0	0
5/19/2023 10:00	57602 RUTH_T2	0	0	0	0	0	0	0.02	0.02	0	0	0	0	0	0
5/19/2023 10:00	65604 QVIL_T2	0	1	1	0	0	0	1.35	1.47	0	0	0	0	0	0
5/19/2023 10:00	52401 GRPA_T2	0	2	2	0	0.15	0.15	0	0	0	0	0	0	0	0
5/19/2023 10:00	61102 BERK_T5	3	8	5	0.2	0.28	0.08	0.09	0.13	1	1	0	300	300	0
5/19/2023 10:00	28604 BLYT_T2	0	0	0	0	0	0	-1.42	-1.44	0	0	0	0	0	0
5/19/2023 10:00	44901 SCOT_T2	0	0	0	0	0	0	0.21	0.36	0	0	0	0	0	0
5/19/2023 10:00	41901 REED_T1	2	7	5	0.2	0.21	0.01	0	0	0	0	0	0	0	0
5/19/2023 10:00	15001 BLMO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
5/19/2023 10:00	64801 MONE_T2	1	2	1	0.7	0.5	-0.2	0.22	0.21	0	0	0	0	0	0
5/19/2023 10:00	45502 DERR_T2	0	0	0	0	0	0	-0.07	-0.06	0	0	0	0	0	0
5/19/2023 10:00	45003 LIME_2	1	1	0	2.4	2.6	0.2	0	0	1	1	0	1200	1200	0
5/19/2023 10:00	44502 HAMI_T2	1	1	0	2.2	2.5	0.3	-0.92	-0.91	0	0	0	0	0	0
5/19/2023 10:00	61101 BERK_T5	0	1	1	0	0.3	0.3	0	0	0	0	0	0	0	0
5/19/2023 10:00	52503 PROG_T2	0	0	0	0	0	0	-0.72	-0.7	1	1	0	900	900	0
5/19/2023 10:00	52502 PROG_T2	0	0	0	0	0	0	-0.72	-0.74	1	1	0	900	900	0
5/19/2023 10:00	45901 AUBU_T1	0	0	0	0	0	0	1.55	1.54	0	0	0	0	0	0
5/19/2023 10:00	63801 HEMP_T1	0	1	1	0	0.6	0.6	0.21	0.21	0	0	0	0	0	0
5/19/2023 10:00	45502 DERR_T2	0	0	0	0	0	0	-0.07	-0.06	0	0	0	0	0	0
5/19/2023 10:00	42701 AUGU_T1	1	1	0	0.9	0.9	0	0	0	4	4	0	3600	3600	0
5/19/2023 10:00	59101 WALK_T2	0	0	0	0	0	0	1.37	1.4	0	0	0	0	0	0
5/19/2023 10:00	67605 WARW_T1	0	1	1	0	0.2	0.2	0	0	0	0	0	0	0	0
5/19/2023 10:00	67503 WEWI_T2	2	1	-1	0.15	0	-0.15	-0.36	-0.26	0	0	0	0	0	0
5/19/2023 10:00	53501 EVIL_T2	1	4	3	0.5	0.35	-0.15	0.81	-0.35	2	2	0	1200	1200	0
5/19/2023 10:00	20401 ASHF_T2	44	24	-20	0.21	0.27	0.06	0	0	0	0	0	0	0	0
5/19/2023 10:00	67503 WEWI_T2	2	1	-1	0.15	0	-0.15	-0.36	-0.26	0	0	0	0	0	0
5/19/2023 10:00	65604 QVIL_T2	0	1	1	0	0	0	1.35	1.47	0	0	0	0	0	0
5/19/2023 10:00	27502 WEIS_T2	0	0	0	0	0	0	-0.45	-0.49	0	0	0	0	0	0
5/19/2023 10:08	66504 SMAN_T2	1	0	-1	0.2	0	-0.2	0	0	0	0	0	0	0	0
5/19/2023 10:13	56802 BENV_T2	1	1	0	1.1	1	-0.1	-0.71	-0.72	0	0	0	0	0	0
5/19/2023 10:31	67204 TEHI_T2	0	0	0	0	0	0	-0.1	-0.08	0	0	0	0	0	0
5/19/2023 10:33	15001 BLMO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
5/19/2023 10:34	59101 WALK_T2	0	2	2	0	0.15	0.15	1.34	1.29	0	0	0	0	0	0
5/19/2023 10:38	56802 BENV_T2	1	1	0	1	1.3	0.3	-0.71	-0.83	0	0	0	0	0	0
5/19/2023 10:39	28604 BLYT_T2	0	0	0	0	0	0	-1.43	-1.42	0	0	0	0	0	0
5/19/2023 10:51	46001 BERW_T1	0	1	1	0	0	0	0.96	0.92	0	0	0	0	0	0
5/19/2023 10:54	60801 BUCK_T1	189	190	1	1.17	1.35	0.18	0	0	0	0	0	0	0	0
5/19/2023 10:56	67502 WEWI_T2	9	17	8	0.28	0.42	0.14	-0.18	-0.22	0	0	0	0	0	0
5/19/2023 11:01	58402 MORO_T1	0	0	0	0	0	0	-0.31	-0.4	1	1	0	600	600	0
5/19/2023 11:03	47401 PENS_T1	1	0	-1	2.4	0	-2.4	0.76	0.9	0	0	0	0	0	0
5/19/2023 11:08	56802 BENV_T2	1	1	0	1.3	1.3	0	-0.77	-0.81	0	0	0	0	0	0
5/19/2023 11:18	44802 EDAN_T2	0	1	1	0	0.2	0.2	-1.85	-1.84	1	1	0	1200	1200	0
5/19/2023 11:22	48901 FOSP_T2	0	0	0	0	0	0	-0.01	-0.1	1	1	0	600	600	0
5/19/2023 11:26	59101 WALK_T2	1	2	1	0.1	0.15	0.05	1.16	1.05	0	0	0	0	0	0
5/19/2023 11:30	16302 ALPA_T2	1	1	0	0.1	0.2	0.1	-0.65	-0.63	0	0	0	0	0	0
5/19/2023 11:35	41301 FISH_T1	2	2	0	1.45	1.6	0.15	-0.05	-0.04	0	0	0	0	0	0
5/19/2023 11:37	29402 BELT_T1	1	1	0	0.1	0.1	0	0	0	0	0	0	0	0	0
5/19/2023 11:44	29402 BELT_T1	1	1	0	0.1	0.1	0	0	0	0	0	0	0	0	0
5/19/2023 11:45	10805 CHHI_T2	1	1	0	7.9	7.7	-0.2	-1.43	-1.56	2	2	0	1800	1800	0
5/19/2023 11:49	15001 BLMO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
5/19/2023 11:50	48902 FOSP_T2	0	0	0	0	0	0	0.83	0.7	0	0	0	0	0	0
5/19/2023 11:54	67502 WEWI_T2	5	10	5	0.32	0.21	-0.11	-0.33	-0.31	0	0	0	0	0	0
5/19/2023 11:55	47401 PENS_T1	0	2	2	0	0.15	0.15	0.86	0.83	0	0	0	0	0	0
5/19/2023 12:01	67502 WEWI_T2	2	11	9	0.25	0.2	-0.05	-0.33	-0.31	0	0	0	0	0	0
5/19/2023 12:04	45501 DERR_T2	0	1	1	0	0.1	0.1	0.87	0.9	2	2	0	1800	1800	0
5/19/2023 12:04	15001 BLMO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
5/19/2023 12:07	45501 DERR_T2	0	1	1	0	0.1	0.1	0.87	0.9	2	2	0	1800	1800	0
5/19/2023 12:15	15001 BLMO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
5/19/2023 12:46	29401 BELT_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
5/19/2023 13:41	57002 WHHI_T2	0	0	0	0	0	0	-1.2	-1.21	1	1	0	1200	1200	0
5/19/2023 13:42	67502 WEWI_T2	6	13	7	0.35	0.37	0.02	-0.3	-0.36	0	0	0	0	0	0
5/19/2023 13:42	48901 FOSP_T2	0	0	0	0	0	0	-0.2	-0.3	1	1	0	600	600	0
5/19/2023 14:13	15001 BLMO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
5/19/2023 14:15	42201 SHEN_T2	0	1	1	0	0.7	0.7	0.6	0.61	0	0	0	0	0	0
5/19/2023 14:18	47403 PENS_T1	0	1	1	0	1.8	1.8	0	0	0	0	0	0	0	0
5/19/2023 14:20	42802 SELI_T1	0	0	0	0	0	0	-0.63	-0.62	1	1	0	900	900	0
5/19/2023 14:23	65604 QVIL_T2	0	0	0	0	0	0	0.49	0.48	0	0	0	0	0	0
5/19/2023 14:24	45502 DERR_T2	0	1	1	0	0	0	0	0	0	0	0	0	0	0
5/19/2023 14:25	45902 AUBU_T1	0	0	0	0	0	0	-0.7	-0.69	1	1	0	600	600	0
5/19/2023 14:35	44901 SCOT_T2	0	0	0	0	0	0	0.74	0.66	0	0	0	0	0	0
5/19/2023 14:41	20401 ASHF_T2	67	94	27	0.32	0.51	0.19	0	0	0	0	0	0	0	0
5/19/2023 14:42	20403 ASHF_T2	2	61	59	0.35	0.42	0.07	-0.03	-0.07	0	0	0	0	0	0
5/19/2023 14:46	44901 SCOT_T2	0	0	0	0	0	0	0.74	0.66	0	0	0	0	0	0
5/19/2023 15:50	64303 LINC_T1	0	0	0	0	0	0	-0.05	-0.06	0	0	0	0	0	0
5/19/2023 16:08	45902 AUBU_T1	1	3	2	0.2	0.17	-0.03	0	0	0	0	0	0	0	0
5/19/2023 16:08	61303 EARL_T1	0	0	0	0	0	0	0.18	0.26	0	0	0	0	0	0
5/19/2023 16:13	56802 BENV_T2	1	1	0	0.9	0.9	0	-0.63	-0.68	0	0	0	0	0	0
5/19/2023 16:15	56802 BENV_T2	1	1	0	0.9	0.8	-0.1	-0.63	-0.68	0	0	0	0	0	0
5/19/2023 16:22	60101 COCA_T1	1	0	-1	0.1	0	-0.1	0.34	0.4	0	0	0	0	0	0
5/19/2023 16:31	40502 CRES_T2	0	0	0	0	0	0	0.45	0.44	0	0	0	0	0	0
5/19/2023 16:35	51604 DUKE_T2	8	27	19	0.21	0.24	0.03	-1.65	-1.57	1	1	0	900	900	0
5/19/2023 16:37	52403 GRPA_T2	0	0	0	0	0	0	0.01	0.12	0	0	0	0	0	0
5/19/2023 16:41	46506 LOHA_T1	1	0	-1	0.2	0	-0.2	-1.55	-1.58	1	1	0	900	900	0
5/19/2023 16:44	56802 BENV_T2	1	1	0	0.8	0.6	-0.2	-0.63	-0.78	0	0	0	0	0	0
5/19/2023 16:48	52403 GRPA_T2	0	2	2	0	0.15	0.15	0.01	0.12	0	0	0	0	0	0
5/19/2023 16:48	66703 STRA_T1	0	0	0	0	0	0	0.02	0.04	0	0	0	0	0	0
5/19/2023 16:50	59101 WALK_T2	1	2	1	0.4	0	-0.4	1.37	1.37	0	0	0	0	0	0
5/19/2023 16:51	46504 LOHA_T1	0	2	2	0	0.2	0.2	0	0	0	0	0	0	0	0
5/19/2023 16:57	64101 REFR_T1	0	0	0	0	0	0	-0.08	-0.06	0	0	0	0	0	0
5/19/2023 16:57	59101 WALK_T2	1	2	1	0.4	0	-0.4	1.37	1.37	0	0	0	0	0	0
5/19/2023 16:58	45003 LIME_2	1	2	1	4.5	2.15	-2.35	0	0	1	1	0	1200	1200	0
5/19/2023 17:08	45003 LIME_2	2	1	-1	2.15	4	1.85	0	0	1	1	0	1200	1200	0
5/19/2023 17:11	42002 MNVL_T2	1	1	0	2.2	1.8	-0.4	-0.07	-0.03	0	0	0	0	0	0
5/19/2023 17:13	56802 BENV_T2	1	1	0	0.6	1.2	0.6	-0.75	-0.71	0	0	0	0	0	0
5/19/2023 17:13	41902 REED_T1	0	0	0	0	0	0	1.17	1.14	0	0	0	0	0	0
5/19/2023 17:14	45003 LIME_2	2	1	-1	2.15	4	1.85	0	0	1	1	0	1200	1200	0
5/19/2023 17:15	44901 SCOT_T2	0	0	0	0	0	0	0.49	0.37	0	0	0	0	0	0
5/19/2023 17:16	57602 RUTH_T2	2	2	0	0.4	0.3	-0.1	0.15	0.15	0	0	0	0	0	0
5/19/2023 17:17	52403 GRPA_T2	2	0	-2	0.15	0	-0.15	0.03	0	0	0	0	0	0	0
5/19/2023 17:18	45003 LIME_2	1	1	0	4	3.4	-0.6	0	0	1	1	0	1200	1200	0
5/19/2023 17:19	42701 AUGU_T1	1	0	-1	0.3	0	-0.3	0	0	2	2	0	1800	1800	0
5/19/2023 17:21	20401 ASHF_T2	101	98	-3	0.75	0.63	-0.12	0	0	0	0	0	0	0	0
5/19/2023 17:22	45303 WBER_T2	5	1	-4	0.16	0.1	-0.06	-0.17	-0.16	0	0	0	0	0	0
5/19/2023 17:22	40502 CRES_T2	0	0	0	0	0	0	0.49	0.47	0	0	0	0	0	0
5/19/2023 17:33	42201 SHEN_T2	0	0	0	0	0	0	0.65	0.66	0	0	0	0	0	0
5/19/2023 17:39	51604 DUKE_T2	4	7	3	0.33	0.27	-0.06	-1.63	-1.63	1	1	0	900	900	0
5/19/2023 17:47	57602 RUTH_T2	0	2	2	0	0.3	0.3	0.21	0.2	0	0	0	0	0	0
5/19/2023 18:04	40502 CRES_T2	0	0	0	0	0	0	0.48	0.47	0	0	0	0	0	0
5/19/2023 18:07	40603 PIGR_T1	0	0	0	0	0	0	0.34	0.35	0	0	0	0	0	0
5/19/2023 18:09	47401 PENS_T1	0	0	0	0	0	0	0.96	0.93	0	0	0	0	0	0
5/19/2023 18:12	20402 ASHF_T2	0	1	1	0	0.2	0.2	0	0	0	0	0	0	0	0
5/19/2023 18:15	14801 TREI_T2	63	50	-13	0.24	0.18	-0.06	0.42	0.4	0	0	0	0	0	0
5/19/2023 20:25	20401 ASHF_T2	113	107	-6	1.13	0.95	-0.18	0	0	0	0	0	0	0	0
5/19/2023 20:27	28604 BLYT_T2	0	1	1	0	0.1	0.1	-1.38	-1.37	0	0	0	0	0	0
5/19/2023 20:30	48901 FOSP_T2	0	0	0	0	0	0	0.28	0.24	0	0	0	0	0	0
5/19/2023 21:07	52403 GRPA_T2	2	2	0	0.3	0.45	0.15	-0.1	-0.07	0	0	0	0	0	0
5/19/2023 21:11	42701 AUGU_T1	0	1	1	0	0.3	0.3	0	0	2	2	0	1800	1800	0
5/19/2023 21:19	59101 WALK_T2	0	1	1	0	1.5	1.5	0.98	1.15	0	0	0	0	0	0
5/19/2023 21:22	58402 MORO_T1	0	0	0	0	0	0	-0.55	-0.55	1	1	0	600	600	0
5/19/2023 21:22	64101 REFR_T1	1	1	0	5.3	7.7	2.4	-0.15	-0.15	0	0	0	0	0	0
5/19/2023 21:27	65602 QVIL_T2	37	44	7	0.36	0.38	0.02	0	0	0	0	0	0	0	0
5/19/2023 21:51	15001 BLMO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
5/19/2023 21:53	42201 SHEN_T2	0	1	1	0	0.1	0.1	0.59	0.6	0	0	0	0	0	0
5/19/2023 21:54	47401 PENS_T1	0	0	0	0	0	0	0.82	0.78	0	0	0	0	0	0
5/19/2023 21:57	47401 PENS_T1	0	0	0	0	0	0	0.82	0.78	0	0	0	0	0	0
5/19/2023 21:59	67502 WEWI_T2	41	231	190	0.16	0.25	0.09	-0.5	-0.47	0	0	0	0	0	0
5/19/2023 22:01	42802 SELI_T1	1	0	-1	1.3	0	-1.3	-1.02	-1	1	1	0	900	900	0
5/19/2023 22:05	45501 DERR_T2	0	0	0	0	0	0	0.23	0.19	1	1	0	600	600	0
5/19/2023 22:06	45902 AUBU_T1	14	26	12	0.23	0.3	0.07	0	0	0	0	0	0	0	0
5/19/2023 22:12	56802 BENV_T2	450	59	-391	0.4	0.18	-0.22	-1.41	-1.4	0	0	0	0	0	0
5/19/2023 22:19	15001 BLMO_T1	0	3	3	0	0.1	0.1	0	0	0	0	0	0	0	0
5/19/2023 22:23	44802 EDAN_T2	19	0	-19	0.12	0	-0.12	-1.75	-1.74	1	1	0	1200	1200	0
5/19/2023 22:29	67503 WEWI_T2	0	0	0	0	0	0	-0.25	-0.28	0	0	0	0	0	0
5/19/2023 22:30	40501 CRES_T2	0	1	1	0	0.1	0.1	0	0	0	0	0	0	0	0
5/19/2023 22:31	45902 AUBU_T1	15	26	11	0.24	0.26	0.02	0	0	0	0	0	0	0	0
5/19/2023 22:32	10805 CHHI_T2	1	1	0	7.7	7.3	-0.4	-1.12	-1.09	0	0	0	0	0	0
5/19/2023 22:35	42701 AUGU_T1	1	1	0	0.5	0.8	0.3	0	0	2	2	0	1800	1800	0
5/19/2023 22:45	59101 WALK_T2	0	0	0	0	0	0	1.21	1.14	0	0	0	0	0	0
5/19/2023 22:45	42802 SELI_T1	0	0	0	0	0	0	-0.08	-0.04	0

Appendix C - Grid Benefits Achieved in Each Instance of Active Management

5/20/2023 0:28	57602 RUTH_T2	0	0	0	0	0	0	-0.22	-0.2	0	0	0	0	0	0
5/20/2023 0:28	64101 REFR_T1	0	0	0	0	0	0	-0.01	-0.01	0	0	0	0	0	0
5/20/2023 0:28	41902 REED_T1	0	0	0	0	0	0	0.68	0.74	0	0	0	0	0	0
5/20/2023 0:28	66703 STRA_T1	5	5	0	1.54	0.32	-1.22	-0.52	-0.51	0	0	0	0	0	0
5/20/2023 0:28	20401 ASHF_T2	16	9	-7	0.2	0.22	0.02	0	0	0	0	0	0	0	0
5/20/2023 0:28	64303 LINC_T1	0	0	0	0	0	0	-0.29	-0.3	0	0	0	0	0	0
5/20/2023 0:28	40502 CRES_T2	18	0	-18	0.24	0	-0.24	0.66	0.62	0	0	0	0	0	0
5/20/2023 0:28	16302 ALPA_T2	0	0	0	0	0	0	0.49	0.52	0	0	0	0	0	0
5/20/2023 0:28	46001 BERW_T1	0	0	0	0	0	0	0.35	0.32	0	0	0	0	0	0
5/20/2023 0:28	15001 BLMO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
5/20/2023 0:47	66703 STRA_T1	0	1	1	0	0	0	0	0	0	0	0	0	0	0
5/20/2023 0:52	56802 BENV_T2	1	1	0	0.4	0.7	0.3	-1.56	-1.51	0	0	0	0	0	0
5/20/2023 0:56	45001 LIME_2	218	239	21	0.44	0.6	0.16	0	0	0	0	0	0	0	0
5/20/2023 1:01	57602 RUTH_T2	0	2	2	0	0.2	0.2	-0.11	-0.1	0	0	0	0	0	0
5/20/2023 1:05	20401 ASHF_T2	11	46	35	0.21	0.26	0.05	0	0	0	0	0	0	0	0
5/20/2023 1:07	40502 CRES_T2	0	1	1	0	0.1	0.1	0.31	0.3	0	0	0	0	0	0
5/20/2023 1:40	56802 BENV_T2	1	1	0	0.8	0.9	0.1	-1.53	-1.57	0	0	0	0	0	0
5/20/2023 1:40	57602 RUTH_T2	2	2	0	0.2	0.25	0.05	-0.09	-0.08	0	0	0	0	0	0
5/20/2023 1:42	29402 BELT_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
5/20/2023 1:45	64101 REFR_T1	0	2	2	0	0.1	0.1	-0.01	-0.01	0	0	0	0	0	0
5/20/2023 1:45	42802 SELI_T1	0	0	0	0	0	0	-0.16	-0.15	0	0	0	0	0	0
5/20/2023 1:45	59101 WALK_T2	0	0	0	0	0	0	1.04	1.12	0	0	0	0	0	0
5/20/2023 1:46	45901 AUBU_T1	0	0	0	0	0	0	0.98	0.93	0	0	0	0	0	0
5/20/2023 1:46	46001 BERW_T1	0	0	0	0	0	0	0.32	0.3	0	0	0	0	0	0
5/20/2023 1:47	56802 BENV_T2	1	1	0	0.8	1	0.2	-1.53	-1.57	0	0	0	0	0	0
5/20/2023 1:48	47402 PENS_T1	1	1	0	0.2	0.2	0	0	0	0	0	0	0	0	0
5/20/2023 1:48	48902 FOSP_T2	0	0	0	0	0	0	-0.43	-0.32	0	0	0	0	0	0
5/20/2023 1:49	16302 ALPA_T2	0	0	0	0	0	0	0.44	0.41	0	0	0	0	0	0
5/20/2023 1:49	67503 WEWI_T2	0	0	0	0	0	0	-0.5	-0.51	0	0	0	0	0	0
5/20/2023 1:50	40502 CRES_T2	2	6	4	0.1	0.12	0.02	0.28	0.29	0	0	0	0	0	0
5/20/2023 1:51	46504 LOHA_T1	51	57	6	0.58	0.83	0.25	0	0	0	0	0	0	0	0
5/20/2023 1:51	45901 AUBU_T1	0	0	0	0	0	0	0.93	0.91	0	0	0	0	0	0
5/20/2023 1:55	42201 SHEN_T2	0	0	0	0	0	0	0.5	0.5	0	0	0	0	0	0
5/20/2023 1:56	42002 MNVL_T2	0	0	0	0	0	0	-0.18	-0.19	0	0	0	0	0	0
5/20/2023 2:00	29402 BELT_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
5/20/2023 2:01	59101 WALK_T2	0	0	0	0	0	0	1.12	1.12	0	0	0	0	0	0
5/20/2023 2:27	28604 BLYT_T2	0	0	0	0	0	0	-1.44	-1.45	0	0	0	0	0	0
5/20/2023 2:30	15001 BLMO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
5/20/2023 2:34	44901 SCOT_T2	0	0	0	0	0	0	-0.23	-0.23	0	0	0	0	0	0
5/20/2023 2:35	27502 WEIS_T2	1	0	-1	8	0	-8	-0.41	-0.41	0	0	0	0	0	0
5/20/2023 2:42	27502 WEIS_T2	1	0	-1	8	0	-8	-0.41	-0.41	0	0	0	0	0	0
5/20/2023 2:46	44901 SCOT_T2	0	0	0	0	0	0	-0.23	-0.23	0	0	0	0	0	0
5/20/2023 3:39	15001 BLMO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
5/20/2023 4:14	44901 SCOT_T2	0	0	0	0	0	0	-0.02	-0.18	0	0	0	0	0	0
5/20/2023 4:20	48901 FOSP_T2	0	0	0	0	0	0	-0.5	-0.41	1	1	0	600	600	0
5/20/2023 4:46	64303 LINC_T1	0	0	0	0	0	0	-0.33	-0.33	0	0	0	0	0	0
5/20/2023 4:57	67502 WEWI_T2	0	0	0	0	0	0	-0.67	-0.69	0	0	0	0	0	0
5/20/2023 5:06	45003 LIME_2	1	1	0	4.7	4.8	0.1	0	0	1	1	0	1200	1200	0
5/20/2023 5:22	45001 LIME_2	206	216	10	0.43	0.5	0.07	0	0	0	0	0	0	0	0
5/20/2023 5:26	45003 LIME_2	1	1	0	4.3	4.8	0.5	0	0	1	1	0	1200	1200	0
5/20/2023 5:27	41901 REED_T1	0	1	1	0	0.1	0.1	0	0	0	0	0	0	0	0
5/20/2023 5:35	27502 WEIS_T2	0	0	0	0	0	0	-0.41	-0.42	0	0	0	0	0	0
5/20/2023 5:36	59101 WALK_T2	0	0	0	0	0	0	1.1	1	0	0	0	0	0	0
5/20/2023 5:40	41902 REED_T1	0	0	0	0	0	0	0.69	0.69	0	0	0	0	0	0
5/20/2023 6:27	41902 REED_T1	0	0	0	0	0	0	0.73	0.8	0	0	0	0	0	0
5/20/2023 8:40	48901 FOSP_T2	0	0	0	0	0	0	-0.43	-0.45	1	1	0	600	600	0
5/20/2023 8:45	48901 FOSP_T2	0	0	1	0	0	0	-0.43	-0.45	1	1	0	600	600	0
5/20/2023 9:24	45902 AUBU_T1	0	0	0	0	0	0	-0.39	-0.35	0	0	0	0	0	0
5/20/2023 9:28	48902 FOSP_T2	0	0	0	0	0	0	-0.41	-0.39	0	0	0	0	0	0
5/20/2023 9:36	45901 AUBU_T1	0	0	0	0	0	0	0.92	0.94	0	0	0	0	0	0
5/20/2023 10:00	16302 ALPA_T2	0	0	0	0	0	0	0.5	0.49	0	0	0	0	0	0
5/20/2023 10:00	40603 PGR_T1	0	0	0	0	0	0	0.28	0.29	0	0	0	0	0	0
5/20/2023 10:00	29402 BELT_T1	120	80	-40	0.73	0.47	-0.26	0	0	0	0	0	0	0	0
5/20/2023 10:00	41902 REED_T1	0	0	0	0	0	0	0.81	0.75	0	0	0	0	0	0
5/20/2023 10:00	29401 BELT_T1	0	0	0	0	0	0	0	0	1	1	0	900	900	0
5/20/2023 10:00	42802 SELI_T1	0	0	0	0	0	0	-0.1	-0.04	0	0	0	0	0	0
5/20/2023 10:00	52403 GRPA_T2	0	0	0	0	0	0	-0.05	-0.07	0	0	0	0	0	0
5/20/2023 10:00	56601 HAMP_T1	0	0	0	0	0	0	-0.06	-0.08	0	0	0	0	0	0
5/20/2023 10:00	40502 CRES_T2	2	6	4	0.1	0.13	0.03	-0.26	-0.22	0	0	0	0	0	0
5/20/2023 10:00	64802 MONE_T2	0	1	1	0	0	0	0	0	0	0	0	0	0	0
5/20/2023 10:00	20403 ASHF_T2	0	0	0	0	0	0	0.1	0.08	0	0	0	0	0	0
5/20/2023 10:00	12604 MACA_T1	0	0	0	0	0	0	0.27	0.29	0	0	0	0	0	0
5/20/2023 10:00	59101 WALK_T2	0	0	0	0	0	0	3.27	3.18	0	0	0	0	0	0
5/20/2023 10:00	45902 AUBU_T1	0	0	0	0	0	0	-0.69	-0.88	0	0	0	0	0	0
5/20/2023 10:00	45001 LIME_2	4	170	166	0.1	0.44	0.34	0	0	0	0	0	0	0	0
5/20/2023 10:00	42201 SHEN_T2	0	0	0	0	0	0	0.58	0.58	0	0	0	0	0	0
5/20/2023 10:00	45303 WBER_T2	0	0	0	0	0	0	-0.36	-0.36	0	0	0	0	0	0
5/20/2023 10:00	65604 QVIL_T2	1	1	0	2.8	0	-2.8	0.24	0.28	0	0	0	0	0	0
5/20/2023 10:00	44802 EDAN_T2	0	0	0	0	0	0	-1.75	-1.75	1	1	0	1200	1200	0
5/20/2023 10:00	67502 WEWI_T2	0	1	1	0	0	0	-0.88	-0.96	0	0	0	0	0	0
5/20/2023 10:00	57602 RUTH_T2	0	0	0	0	0	0	0	0.06	0	0	0	0	0	0
5/20/2023 10:00	44901 SCOT_T2	0	0	0	0	0	0	0.08	0.23	0	0	0	0	0	0
5/20/2023 10:00	60801 BUCK_T1	72	139	67	0.25	0.32	0.07	0	0	0	0	0	0	0	0
5/20/2023 10:00	46504 LOHA_T1	1	2	1	0.5	0.4	-0.1	0	0	0	0	0	0	0	0
5/20/2023 10:00	27502 WEIS_T2	0	0	0	0	0	0	-0.2	-0.16	0	0	0	0	0	0
5/20/2023 10:00	60101 COCA_T1	0	0	0	0	0	0	0.18	0.2	0	0	0	0	0	0
5/20/2023 10:00	66703 STRA_T1	0	0	0	0	0	0	-0.22	-0.15	0	0	0	0	0	0
5/20/2023 10:00	56802 BENV_T2	10	1	-9	0.16	1.1	0.94	-4.5	-4.17	0	0	0	0	0	0
5/20/2023 10:00	51604 DUKE_T2	0	0	0	0	0	0	-3.5	-3.45	2	2	0	1800	1800	0
5/20/2023 10:00	47401 PENS_T1	0	0	0	0	0	0	2.41	2.64	0	0	0	0	0	0
5/20/2023 10:00	64303 LINC_T1	0	0	0	0	0	0	-0.22	-0.23	0	0	0	0	0	0
5/20/2023 10:00	45501 DERR_T2	0	0	0	0	0	0	-0.13	-0.1	1	1	0	600	600	0
5/20/2023 10:00	58402 MORO_T1	0	0	0	0	0	0	-0.6	-0.62	1	1	0	600	600	0
5/20/2023 10:00	64101 REFR_T1	0	0	0	0	0	0	-0.01	0.03	0	0	0	0	0	0
5/20/2023 10:00	10805 CHHI_T2	1	1	0	7.9	8	0.1	-1.02	-0.99	0	0	0	0	0	0
5/20/2023 10:00	46001 BERW_T1	0	0	0	0	0	0	0.52	0.52	0	0	0	0	0	0
5/20/2023 10:00	48902 FOSP_T2	0	0	0	0	0	0	-0.21	-0.37	0	0	0	0	0	0
5/20/2023 10:00	42701 AUGU_T1	1	1	0	0.5	0.5	0	0	0	6	6	0	5400	5400	0
5/20/2023 10:00	48902 FOSP_T2	0	0	0	0	0	0	-0.21	-0.37	0	0	0	0	0	0
5/20/2023 10:00	67605 WARW_T1	0	4	4	0	0.1	0.1	0	0	0	0	0	0	0	0
5/20/2023 10:00	15001 BLMO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
5/20/2023 10:00	14801 TREI_T2	0	0	0	0	0	0	0.27	0.28	0	0	0	0	0	0
5/20/2023 10:00	52503 PROG_T2	0	0	0	0	0	0	-0.72	-0.72	1	1	0	900	900	0
5/20/2023 10:07	47401 PENS_T1	0	0	0	0	0	0	0.88	0.92	0	0	0	0	0	0
5/20/2023 10:10	46506 LOHA_T1	0	0	0	0	0	0	-1.5	-1.56	1	1	0	900	900	0
5/20/2023 10:14	42201 SHEN_T2	0	0	0	0	0	0	0.58	0.59	0	0	0	0	0	0
5/20/2023 10:15	61303 EARL_T1	0	0	0	0	0	0	0.05	0.03	0	0	0	0	0	0
5/20/2023 10:19	56802 BENV_T2	1	3	2	0.7	0.53	-0.17	-1.37	-1.36	0	0	0	0	0	0
5/20/2023 10:27	45901 AUBU_T1	0	0	0	0	0	0	0.94	0.96	0	0	0	0	0	0
5/20/2023 10:28	56801 BENV_T1	29	33	4	0.69	0.85	0.16	-0.84	-0.8	1	1	0	600	600	0
5/20/2023 10:32	48902 FOSP_T2	0	0	0	0	0	0	-0.35	-0.38	0	0	0	0	0	0
5/20/2023 10:36	67503 WEWI_T2	0	0	0	0	0	0	-0.34	-0.33	0	0	0	0	0	0
5/20/2023 10:37	40502 CRES_T2	5	10	5	0.14	0.24	0.1	-0.18	-0.15	0	0	0	0	0	0
5/20/2023 10:38	67204 TEHI_T2	116	114	-2	0.5	0.4	-0.1	-0.56	-0.57	0	0	0	0	0	0
5/20/2023 10:40	15001 BLMO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
5/20/2023 10:41	59101 WALK_T2	0	0	0	0	0	0	1.08	1.13	0	0	0	0	0	0
5/20/2023 10:43	45901 AUBU_T1	0	0	0	0	0	0	0.96	0.95	0	0	0	0	0	0
5/20/2023 10:53	12701 MACU_T1	0	0	0	0	0	0	0.04	0.06	0	0	0	0	0	0
5/20/2023 10:58	57002 WHHI_T2	0	0	0	0	0	0	-1.23	-1.22	1	1	0	1200	1200	0
5/20/2023 11:07	60101 COCA_T1	0	0	0	0	0	0	0.27	0.32	0	0	0	0	0	0
5/20/2023 11:08	60101 COCA_T1	0	0	0	0	0	0	0.27	0.32	0	0	0	0	0	0
5/20/2023 11:11	56802 BENV_T2	3	1	-2	0.6	1.3	0.7	-1.31	-1.38	0	0	0	0	0	0
5/20/2023 11:12	40901 JESH_T1	1	1	0	0.3	0.3	0	0	0	0	0	0	0	0	0
5/20/2023 11:12	42701 AUGU_T1	1	1	0	1.1	1.2	0.1	0	0	2	2	0	1800	1800	0
5/20/2023 11:15	45001 LIME_2	125	143	18	0.32	0.36	0.04	0	0	0	0	0	0	0	0
5/20/2023 11:18	47401 PENS_T1	0	0	0	0	0	0	1.76	1.83	0	0	0	0	0	0
5/20/2023 11:18	56802 BENV_T2	1	1	0	1.3	0.8	-0.5	-1.31	-1.38	0	0	0	0	0	0
5/20/2023 11:19	45002 LIME_2	1	0	-1	0.1	0	-0.1	0	0	0	0	0	0	0	0
5/20/2023 11:21	47401 PENS_T1	0	0	0	0	0	0	0.92	0.89	0	0	0	0	0	0
5/20/2023 11:21	42002 MNVL_T2	1	1	0	2.7	2.6	-0.1	-0.12	-0.09	0	0	0	0	0	0
5/20/2023 11:22	45502 DERR_T2	0	0	0	0	0	0	-0.6	-0.59	0	0	0	0	0	0
5/20/2023 11:22	42701 AUGU_T1	1	2	1	1.2	0.55	-0.65	0	0	2	2	0	1800	1800	0
5/20/2023 11:23	15001 BLMO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
5/20/2023 11:28	42701 AUGU_T1	1	2	1	1.2	0.55	-0.65	0	0	2	2	0	1800	1800	0
5/20/2023 11:30	42701 AUGU_T1	1	2	1	0.9	0.55	-0.35	0	0	2	2	0	1800	1800	0
5/20/2023 11:30	48902 FOSP_T2	0	0	0	0	0	0	-0.36	-0.35	0	0	0	0	0	0
5/20/2023 11:31	42701 AUGU_T1	1	2	1	0.9	0.55	-0.35	0	0	4	4	0	3600	3600	0
5/20/2023 11:32	67503 WEWI_T2	0	0	0	0	0	0	-0.33	-0.31	0	0	0	0	0	0
5/20/2023 11:34	41902 REED_T1	0	0	0	0	0	0	0.77	0.83	0	0	0	0	0	0
5/20/2023 11:41	61303 EARL_T1	0	0	0	0	0	0	0.06	0.06	0	0	0	0	0	0
5/20/2023 11:48	45602 WOOL_T1	0	0	0	0	0	0	0.41	0.41	0	0	0	0	0	0
5/20/2023 11:49	29402 BELT_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
5/20/2023 11:50	10805 CHHI_T2	1	1	0	8.1	8.1	0	-0.96	-1	0	0	0	0	0	0
5/20/2023 11:57	67502 WEWI_T2	0	0	0	0	0	0	-0.52	-0.46	0	0	0	0	0	0
5/20/2023 11:57	29402 BELT_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
5/20/2023 11:58	15001 BLMO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
5/20/2023 11:59	16302 ALPA_T2	0	0	0	0	0	0	0.5	0.55	0	0	0	0	0	0
5/20/2023 12:01	16302 ALPA_T2	0	0	0	0	0	0	0.5	0.55	0	0	0	0	0	0
5/20/2023 12:06	20801 LOPO_T1	0	1	1	0	0	0	0.1	0.1	0	0	0	0	0	0
5/20/2023 12:07	10805 CHHI_T2	1	1	0	8.2	8.1	-0.1	-1	-1	0	0	0	0	0	0
5/20/2023 12:09	57601 RUTH_T2	1	1	0	0.9	1.1	0.2	0	0	0	0	0	0	0	0
5/20/2023 12:09	42701 AUGU_T1	1	2	1	0.9	0.7	-0.2	0	0	2	2	0	1800	1800	0
5/20/2023 12:10	45501 DERR_T2	1	1	0	0.2	0.3	0.1	-0.03	0	1	1	0	600	600	0
5/20/2023 12:10	57602 RUTH_T2	2	1	-1	0.1	0.1	0	0.11	0.16	0	0	0	0	0	0
5/20/2023 12:13	67502 WEWI_T2	0	0	0	0	0	0	-0.46	-0.45	0	0	0	0	0	0
5/20/2023 12:20	52403 GRPA_T2	0	0	0	0	0	0	-0.05	-0.11	0	0	0	0	0	0
5/20/2023 12:20	45501 DERR_T2	1	2	1	0.3	0.6	0.3	0	0.02	1	1	0	600	600	0
5/20/2023 12:22	48902 FOSP_T2	0	0	0	0	0	0	-0.36	-0.33	0	0	0	0	0	0
5/20/2023 12:34	57602 RUTH_T2	1	2	1	0.1	0.25	0.15	0.13	0.19	0	0	0	0	0	0
5/20/2023 12:37	67502 WEWI_T2	0	0	0	0	0	0	-0.5	-0.47	0	0	0	0	0	0
5/20/2023 12:55	45001 LIME_2	164	181	17	0.38	0.37	-0.01	0	0	0	0	0	0	0	0
5/20/2023 13:07	59101 WALK_T2	0	0	0	0	0	0	1.19	1.19	0	0	0	0	0	0
5/20/2023 13:10	48902 FOSP_T2	0	0	0	0	0	0	-0.33	-0.35	0	0	0	0	0	0
5/20/2023 13:10	42802 SELI_T1	0	0	0	0	0	0	0.04	0.03	0	0	0	0	0	0
5/20/2023 13:11	15001 BLMO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
5/20/2023 13:15	47401 PENS_T1	0	0	0	0	0	0	1.02	0.86	0	0	0	0	0	0
5/20/2023 13:23	65604 QVIL_T2	0	0	0	0	0	0	0.25	0.27	0	0	0	0	0	0
5/20/2023 13:25	61303 EARL_T1	0	0	0	0	0	0	0.07	0.08	0	0	0	0	0	0
5/20/2023 13:30	45501 DERR_T2	2	3	1	0.35	0.6	0.25	0.05	0.06	1	1	0	600	600	0
5/20/2023 14:02	42701 AUGU_T1	2	2	0	0.7	0.85	0.15	0	0	2	2	0	1800	1800	0
5/20/2023 14:11	56802 BENV_T2	2	2	0	0.6	0.6	0	-1.29	-1.22	0	0	0	0	0	0
5/20/2023 14:12	42701 AUGU_T1	2	2	0	0.7	0.85	0.15	0	0	2	2	0	1800	1800	0
5/20/2023 14:13	56801 BENV_T1	2	1	-1	0.25	0.2	-0.05	0	0	0	0	0	0	0	0
5/20/2023 14:22	28601 BLYT_T2	1	1	0	0.8	1.9	1.1	0	0	0	0	0	0	0	0
5/20/2023 14:29	40101 HUNT_T2	0	0	0	0	0	0	-0.75	-0.76	0	0	0	0	0	0
5/20/2023 14:31	20403 ASHF_T2	0	0	0	0	0	0	0.14	0.15	0	0	0	0	0	0
5/20/2023 14:41	20403 ASHF_T2	0	0	0	0	0	0	0.15	0.14	0	0	0	0	0	0
5/20/2023 14:45	44901 SCOT_T2	0	0	0	0	0	0	0.06	0.07	0	0	0	0	0	0
5/20/2023 14:46	44901 SCOT_T2	0	0	0	0	0	0	0.06	0.07	0	0	0	0	0	0
5/20/2023 14:47	48902 FOSP_T2	0	0	0	0	0	0	-0.33	-0.3	0	0	0	0	0	0
5/20/2

Appendix C - Grid Benefits Achieved in Each Instance of Active Management

5/20/2023 21:27	65604 QVIL_T2	0	0	0	0	0	0	0.31	0.28	0	0	0	0	0	0
5/20/2023 21:41	42701 AUGU_T1	1	1	0	1.1	0.6	-0.5	0	0	2	2	0	1800	1800	0
5/20/2023 21:47	56801 BENV_T1	28	31	3	0.85	1.08	0.23	-0.83	-0.82	1	1	0	600	600	0
5/20/2023 21:49	56802 BENV_T2	57	204	147	0.14	0.4	0.26	-1.46	-1.51	0	0	0	0	0	0
5/20/2023 21:50	42701 AUGU_T1	1	1	0	0.6	0.5	-0.1	0	0	2	2	0	1800	1800	0
5/20/2023 22:04	52502 PROG_T2	0	0	0	0	0	0	-0.65	-0.67	1	1	0	900	900	0
5/20/2023 22:07	60803 BUCK_T1	1	17	16	0.1	0.22	0.12	-1.59	-1.64	0	1	1	0	600	600
5/20/2023 22:08	64101 REFR_T1	0	0	0	0	0	0	-0.07	-0.09	0	0	0	0	0	0
5/20/2023 22:11	48902 FOSP_T2	0	0	0	0	0	0	-0.37	-0.38	0	0	0	0	0	0
5/20/2023 22:17	45902 AUBU_T1	128	261	133	0.23	0.24	0.01	0	0	0	0	0	0	0	0
5/20/2023 22:23	15001 BLMO_T1	0	4	4	0	0.35	0.35	0	0	0	0	0	0	0	0
5/20/2023 22:29	20801 LOPO_T1	0	0	0	0	0	0	0.11	0.1	0	0	0	0	0	0
5/20/2023 22:31	48902 FOSP_T2	0	0	0	0	0	0	-0.38	-0.35	0	0	0	0	0	0
5/20/2023 22:44	52404 GRPA_T2	0	1	1	0	0.2	0.2	0	0	0	0	0	0	0	0
5/20/2023 22:46	59101 WALK_T2	0	0	0	0	0	0	1.08	0.9	0	0	0	0	0	0
5/20/2023 22:48	48902 FOSP_T2	0	0	0	0	0	0	-0.35	-0.4	0	0	0	0	0	0
5/20/2023 22:54	42802 SELI_T1	1	1	0	0.8	1	0.2	-0.1	-0.13	0	0	0	0	0	0
5/20/2023 22:59	64101 REFR_T1	0	20	20	0	0.1	0.1	-0.12	0.09	0	0	0	0	0	0
5/20/2023 23:10	40902 JESH_T1	0	0	0	0	0	0	-0.52	-0.52	1	1	0	600	600	0
5/20/2023 23:13	60101 COCA_T1	0	0	0	0	0	0	0.21	0.17	0	0	0	0	0	0
5/20/2023 23:13	56801 BENV_T1	46	48	2	1.11	1.38	0.27	-0.87	-0.91	1	1	0	600	600	0
5/20/2023 23:15	59102 WALK_T2	0	1	1	0	0.2	0.2	0	0	0	0	0	0	0	0
5/20/2023 23:16	56803 BENV_T1	0	5	5	0	0.14	0.14	0	0	0	0	0	0	0	0
5/20/2023 23:16	52404 GRPA_T2	1	1	0	0.1	0.2	0.1	0	0	0	0	0	0	0	0
5/20/2023 23:17	47401 PENS_T1	0	9	9	0	0.21	0.21	0.75	0.71	0	0	0	0	0	0
5/20/2023 23:18	42002 MNVL_T2	1	1	0	2.5	2.3	-0.2	-0.18	-0.19	0	0	0	0	0	0
5/20/2023 23:21	45602 WOOL_T1	0	0	0	0	0	0	0.34	0.32	0	0	0	0	0	0
5/20/2023 23:21	47402 PENS_T1	1	1	0	0.2	0.5	0.3	0	0	0	0	0	0	0	0
5/20/2023 23:30	67503 WEWI_T2	0	0	0	0	0	0	-0.37	-0.37	0	0	0	0	0	0
5/20/2023 23:33	57602 RUTH_T2	2	2	0	0.35	0.45	0.1	0.09	0	0	0	0	0	0	0
5/20/2023 23:47	29402 BELT_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
5/20/2023 23:51	14403 SSLA_T1	0	0	0	0	0	0	0.6	0.58	0	0	0	0	0	0
5/21/2023 0:00	61303 EARL_T1	0	0	0	0	0	0	-0.06	-0.09	0	0	0	0	0	0
5/21/2023 0:08	10805 CHHI_T2	1	1	0	7.4	7.7	0.3	-1.13	-1.13	0	0	0	0	0	0
5/21/2023 0:10	67502 WEWI_T2	0	0	0	0	0	0	-0.54	-0.6	0	0	0	0	0	0
5/21/2023 0:12	57602 RUTH_T2	2	0	-2	0.35	0	-0.35	-0.06	0.01	0	0	0	0	0	0
5/21/2023 0:16	15001 BLMO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
5/21/2023 0:24	48902 FOSP_T2	0	0	0	0	0	0	-0.4	-0.39	0	0	0	0	0	0
5/21/2023 0:28	61303 EARL_T1	0	0	0	0	0	0	-0.09	-0.12	0	0	0	0	0	0
5/21/2023 0:28	65604 QVIL_T2	0	0	0	0	0	0	0.2	0.2	0	0	0	0	0	0
5/21/2023 0:28	40902 JESH_T1	0	0	0	0	0	0	-0.55	-0.54	1	1	0	600	600	0
5/21/2023 0:28	45601 WOOL_T1	1	1	0	0	0	0	0	0	0	0	0	0	0	0
5/21/2023 0:28	28601 BLYT_T2	1	1	0	0.9	0	-0.9	0	0	0	0	0	0	0	0
5/21/2023 0:28	15001 BLMO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
5/21/2023 0:28	60803 BUCK_T1	0	13	13	0	0.2	0.2	-1.68	-1.68	0	0	0	0	0	0
5/21/2023 0:28	56801 BENV_T1	14	19	5	0.44	0.68	0.24	-0.58	-0.58	0	0	0	0	0	0
5/21/2023 0:28	57602 RUTH_T2	0	0	0	0	0	0	0.02	-0.18	0	0	0	0	0	0
5/21/2023 0:28	42802 SELI_T1	1	1	0	1.3	1.6	0.3	-0.16	-0.14	0	0	0	0	0	0
5/21/2023 0:28	67502 WEWI_T2	0	0	0	0	0	0	-0.6	-0.6	0	0	0	0	0	0
5/21/2023 0:28	44901 SCOT_T2	0	0	0	0	0	0	-0.22	-0.33	0	0	0	0	0	0
5/21/2023 0:28	47402 PENS_T1	1	1	0	0.5	0.6	0.1	0	0	0	0	0	0	0	0
5/21/2023 0:28	60101 COCA_T1	0	0	0	0	0	0	0.13	0.13	0	0	0	0	0	0
5/21/2023 0:28	14403 SSLA_T1	0	0	0	0	0	0	0.53	0.53	0	0	0	0	0	0
5/21/2023 0:28	67503 WEWI_T2	0	0	0	0	0	0	-0.42	-0.41	0	0	0	0	0	0
5/21/2023 0:28	20401 ASHF_T2	2	13	11	0.15	0.2	0.05	0	0	0	0	0	0	0	0
5/21/2023 0:28	45902 AUBU_T1	371	419	48	0.3	0.33	0.03	0	0	0	0	0	0	0	0
5/21/2023 0:28	59101 WALK_T2	0	0	0	0	0	0	2.1	2.02	0	0	0	0	0	0
5/21/2023 0:28	52402 GRPA_T2	1	1	0	0.5	0.8	0.3	0	0	0	0	0	0	0	0
5/21/2023 0:28	64101 REFR_T1	0	0	0	0	0	0	0.03	-0.01	0	0	0	0	0	0
5/21/2023 0:32	57602 RUTH_T2	0	0	0	0	0	0	0.01	-0.09	0	0	0	0	0	0
5/21/2023 0:34	42802 SELI_T1	1	1	0	1.5	1.6	0.1	-0.14	-0.15	0	0	0	0	0	0
5/21/2023 0:34	48902 FOSP_T2	0	0	0	0	0	0	-0.39	-0.38	0	0	0	0	0	0
5/21/2023 0:37	45901 AUBU_T1	1	0	-1	0.1	0	-0.1	0.93	0.9	0	0	0	0	0	0
5/21/2023 0:41	47402 PENS_T1	1	1	0	0.5	0.9	0.4	0	0	0	0	0	0	0	0
5/21/2023 0:47	60803 BUCK_T1	13	16	3	0.2	0.39	0.19	-1.68	-1.75	0	0	0	0	0	0
5/21/2023 0:50	67502 WEWI_T2	0	1	1	0	0	0	0	0	0	0	0	0	0	0
5/21/2023 0:55	59101 WALK_T2	0	0	0	0	0	0	1.07	0.96	0	0	0	0	0	0
5/21/2023 0:56	65604 QVIL_T2	0	0	0	0	0	0	0.19	0.17	0	0	0	0	0	0
5/21/2023 1:06	59101 WALK_T2	0	0	0	0	0	0	0.96	0.96	0	0	0	0	0	0
5/21/2023 1:16	15001 BLMO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
5/21/2023 1:19	64101 REFR_T1	0	0	0	0	0	0	-0.01	-0.01	0	0	0	0	0	0
5/21/2023 1:22	28604 BLYT_T2	0	0	0	0	0	0	-1.45	-1.43	0	0	0	0	0	0
5/21/2023 2:04	57602 RUTH_T2	0	2	2	0	0.1	0.1	-0.11	-0.1	0	0	0	0	0	0
5/21/2023 2:16	52403 GRPA_T2	2	2	0	0.75	1	0.25	-0.2	-0.21	0	0	0	0	0	0
5/21/2023 2:33	60101 COCA_T1	0	0	0	0	0	0	0.11	0.07	0	0	0	0	0	0
5/21/2023 2:33	40101 HUNT_T2	55	136	81	0.39	0.54	0.15	-0.92	-0.9	0	0	0	0	0	0
5/21/2023 2:36	56801 BENV_T1	25	33	8	1.01	1.04	0.03	-0.96	-0.94	1	1	0	600	600	0
5/21/2023 2:42	64101 REFR_T1	94	216	122	0.18	0.3	0.12	-0.01	-0.01	0	0	0	0	0	0
5/21/2023 2:43	15001 BLMO_T1	0	3	3	0	0.1	0.1	0	0	0	0	0	0	0	0
5/21/2023 2:45	40101 HUNT_T2	136	130	-6	0.54	0.46	-0.08	-0.9	-0.93	0	0	0	0	0	0
5/21/2023 2:52	42201 SHEN_T2	0	0	0	0	0	0	0.5	0.5	0	0	0	0	0	0
5/21/2023 3:01	45601 WOOL_T1	1	1	0	0	0	0	0	0	0	0	0	0	0	0
5/21/2023 3:13	67502 WEWI_T2	0	0	0	0	0	0	-0.69	-0.71	0	0	0	0	0	0
5/21/2023 3:20	52403 GRPA_T2	2	2	0	0.8	1.05	0.25	-0.19	-0.2	0	0	0	0	0	0
5/21/2023 3:24	48902 FOSP_T2	0	0	0	0	0	0	-0.48	-0.47	0	0	0	0	0	0
5/21/2023 3:31	14403 SSLA_T1	0	0	0	0	0	0	0.47	0.48	0	0	0	0	0	0
5/21/2023 3:40	61304 EARL_T1	3	1	-2	0.1	0.1	0	0	0	0	0	0	0	0	0
5/21/2023 3:50	40901 JESH_T1	0	1	1	0	0	0	0	0	0	0	0	0	0	0
5/21/2023 5:10	40101 HUNT_T2	117	33	-84	0.39	0.25	-0.14	-0.92	-0.9	0	0	0	0	0	0
5/21/2023 5:13	56801 BENV_T1	36	35	-1	1.14	1.06	-0.08	-0.96	-0.95	1	1	0	600	600	0
5/21/2023 5:28	56801 BENV_T1	35	36	1	1.03	1.02	-0.01	-0.95	-0.97	1	1	0	600	600	0
5/21/2023 5:33	56801 BENV_T1	30	36	6	1.1	1.04	-0.06	-0.95	-0.97	1	1	0	600	600	0
5/21/2023 5:35	42701 AUGU_T1	1	1	0	1.3	1.4	0.1	0	0	1	1	0	1200	1200	0
5/21/2023 5:50	42701 AUGU_T1	1	1	0	1.4	1.4	0	0	0	1	1	0	1200	1200	0
5/21/2023 6:35	42701 AUGU_T1	1	1	0	0.9	1	0.1	0	0	0	0	0	0	0	0
5/21/2023 8:33	41304 FISH_T2	0	0	0	0	0	0	0.02	0.01	0	0	0	0	0	0
5/21/2023 9:23	46506 LOHA_T1	0	0	0	0	0	0	-0.57	-0.56	0	0	0	0	0	0
5/21/2023 10:00	56801 BENV_T1	32	25	-7	0.77	0.95	0.18	-2.34	-2.34	3	3	0	1800	1800	0
5/21/2023 10:00	14403 SSLA_T1	0	2	2	0	0.1	0.1	0.69	0.67	0	0	0	0	0	0
5/21/2023 10:00	45901 AUBU_T1	0	0	0	0	0	0	0.93	0.92	0	0	0	0	0	0
5/21/2023 10:00	60803 BUCK_T1	0	0	0	0	0	0	-0.94	-0.93	1	0	-1	600	0	-600
5/21/2023 10:00	20401 ASHF_T2	39	24	-15	0.19	0.25	0.06	0	0	0	0	0	0	0	0
5/21/2023 10:00	46004 BERW_T2	0	0	0	0	0	0	-0.76	-0.72	0	0	0	0	0	0
5/21/2023 10:00	45601 WOOL_T1	1	1	0	0	0	0	0	0	0	0	0	0	0	0
5/21/2023 10:00	45501 DERR_T2	0	0	0	0	0	0	-0.05	-0.03	1	1	0	600	600	0
5/21/2023 10:00	45003 LIME_2	1	1	0	4.8	5	0.2	0	0	1	1	0	1200	1200	0
5/21/2023 10:00	44901 SCOT_T2	0	0	0	0	0	0	-0.51	-0.22	0	0	0	0	0	0
5/21/2023 10:00	42002 MNVL_T2	1	1	0	3.3	3.3	0	-0.15	-0.15	0	0	0	0	0	0
5/21/2023 10:00	48901 FOSP_T2	0	0	0	0	0	0	-0.48	-0.47	1	1	0	600	600	0
5/21/2023 10:00	52402 GRPA_T2	4	4	0	0.23	0.3	0.07	0	0	0	0	0	0	0	0
5/21/2023 10:00	59101 WALK_T2	0	0	0	0	0	0	2.38	2.32	0	0	0	0	0	0
5/21/2023 10:00	61303 EARL_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
5/21/2023 10:00	47401 PENS_T1	1	2	1	0.1	0.15	0.05	2.58	2.85	0	0	0	0	0	0
5/21/2023 10:00	40101 HUNT_T2	0	0	0	0	0	0	-0.8	-0.8	0	0	0	0	0	0
5/21/2023 10:00	28604 BLYT_T2	1	0	-1	4.6	0	-4.6	-1.41	-1.38	0	0	0	0	0	0
5/21/2023 10:00	56601 HAMP_T1	0	0	0	0	0	0	-0.08	-0.11	0	0	0	0	0	0
5/21/2023 10:00	64801 MONE_T2	1	2	1	0.3	0.2	-0.1	0.2	0.21	0	0	0	0	0	0
5/21/2023 10:00	64101 REFR_T1	1	1	0	0.1	0.2	0.1	-0.35	-0.24	0	0	0	0	0	0
5/21/2023 10:00	57603 RUTH_T2	1	1	0	0.1	0.2	0.1	0	0	0	0	0	0	0	0
5/21/2023 10:00	12701 MACU_T1	0	0	0	0	0	0	0.04	0.04	0	0	0	0	0	0
5/21/2023 10:00	67502 WEWI_T2	1	1	0	0.5	0.8	0.3	-0.54	-0.51	0	0	0	0	0	0
5/21/2023 10:00	67503 WEWI_T2	0	0	0	0	0	0	-0.33	-0.33	0	0	0	0	0	0
5/21/2023 10:00	10805 CHHI_T2	1	1	0	7.9	7.8	-0.1	-1.17	-1.14	0	0	0	0	0	0
5/21/2023 10:00	45902 AUBU_T1	0	0	0	0	0	0	-0.38	-0.51	0	0	0	0	0	0
5/21/2023 10:00	67605 WARW_T1	1	14	13	1	0.39	-0.61	0	0	0	0	0	0	0	0
5/21/2023 10:00	60101 COCA_T1	0	0	-1	0.8	0	-0.8	0.21	0.19	0	0	0	0	0	0
5/21/2023 10:00	45502 DERR_T2	0	0	0	0	0	0	-0.61	-0.61	0	0	0	0	0	0
5/21/2023 10:00	42701 AUGU_T1	0	1	1	0	0.7	0.7	0	0	4	8	4	4800	7200	2400
5/21/2023 10:00	65604 QVIL_T2	0	0	0	0	0	0	0.62	0.62	0	0	0	0	0	0
5/21/2023 10:00	12604 MACA_T1	0	0	0	0	0	0	0.27	0.28	0	0	0	0	0	0
5/21/2023 10:00	48902 FOSP_T2	0	0	0	0	0	0	-2.34	-2.16	0	0	0	0	0	0
5/21/2023 10:00	42802 SELI_T1	0	0	0	0	0	0	-0.1	-0.04	0	0	0	0	0	0
5/21/2023 10:00	41304 FISH_T2	0	0	0	0	0	0	0.13	0.06	0	0	0	0	0	0
5/21/2023 10:00	56802 BENV_T2	14	9	-5	0.36	0.38	0.02	-1.48	-1.38	0	0	0	0	0	0
5/21/2023 10:00	29402 BELT_T1	124	118	-6	0.92	0.77	-0.15	0	0	0	0	0	0	0	0
5/21/2023 10:00	15001 BLMO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
5/21/2023 10:00	42201 SHEN_T2	0	0	0	0	0	0	0.59	0.58	0	0	0	0	0	0
5/21/2023 10:00	16302 ALPA_T2	0	0	0	0	0	0	0.39	0.41	0	0	0	0	0	0
5/21/2023 13:17	42701 AUGU_T1	3	2	-1	0.53	0.9	0.37	0	0	2	2	0	1800	1800	0
5/21/2023 13:18	45003 LIME_2	1	2	1	4.3	4.1	-0.2	0	0	1	1	0	1200	1200	0
5/21/2023 13:18	40502 CRES_T2	0	0	0	0	0	0	0.58	0.57	0	0	0	0	0	0
5/21/2023 13:18	56802 BENV_T2	2	3	1	0.6	0.53	-0.07	-1.24	-1.3	0	0	0	0	0	0
5/21/2023 13:19	42201 SHEN_T2	1	2	1	0.5	0.5	0	0.66	0.65	0	0	0	0	0	0
5/21/2023 15:09	23401 HONE_T2	3	4	1	0.27	0.5	0.23	0.26	0.26	0	0	0	0	0	0
5/21/2023 15:15	51604 DUKE_T2	1	1	0	0.4	0.2	-0.2	-1.49	-1.47	1	1	0	900	900	0
5/21/2023 15:54	42201 SHEN_T2	1	1	0	0.5	0.7	0.2	0.67	0.68	0	0	0	0	0	0
5/21/2023 15:57	42201 SHEN_T2	1	1	0	0.5	0.7	0.2	0.67	0.68	0	0	0	0	0	0
5/21/2023 15:58	64101 REFR_T1	0	0	0	0	0	0	0.03	0.07	0	0	0	0	0	0
5/21/2023 16:27	46506 LOHA_T1	0	1	1	0	0.4	0.4	-0.44	-0.46	0	0	0	0	0	0
5/21/2023 16:28	56801 BENV_T1	1	13	12	1.1	1.02	-0.08	-0.58	-0.56	1	1	0	600	600	0
5/21/2023 16:32	58402 MORO_T1	0	0	0	0	0	0	-0.5	-0.5	1	1	0	600	600	0
5/21/2023 16:35	59101 WALK_T2	0	0	0	0	0	0	1.13	1.41	0	0	0	0	0	0
5/21/2023 16:39	56802 BENV_T2	1	0	-1	0.4	0	-0.4	-1.24	-1.23	0	0	0	0	0	0
5/21/2023 16:43	56801 BENV_T1	13	18	5	0.93	0.72	-0.21	-0.56	-0.55	1	1	0	600	600	0
5/21/2023 16:51	57602 RUTH_T2	0	0	0	0	0	0	0.34	0.26	0	0	0	0	0	0
5/21/2023 16:56	42701 AUGU_T1	0	0	0	0	0	0	0	0	2	2	0	1800	1800	0
5/21/2023 17:07	40502 CRES_T2	0	0	0	0	0	0	0.05	0.03	0	0	0	0	0	0
5/21/2023 17:08	40502 CRES_T2	0	0	0	0	0	0	0.05	0.03	0	0	0	0	0	0
5/21/2023 20:47	56802 BENV_T2	1	1	0	0.4	0.5	0.1	-1.33	-1.32	0	0	0	0	0	0
5/21/2023 20:53	40502 CRES_T2	0	7	7	0	0.17	0.17	-0.01	-0.02	0	0	0	0	0	0
5/21/2023 21:02	42701 AUGU_T1	0	0	0	0	0	0	0	0	2	2	0	1800	1800	0
5/21/2023 21:14	42201 SHEN_T2	0	0	0	0	0	0	0.71	0.72	0	0	0	0	0	0
5/21/2023 22:19	45001 LIME_2	28	36	8	0.3	0.47	0.17	0	0	0	0	0	0	0	0
5/21/2023 22:27	64101 REFR_T1	0	28	28	0	0.12	0.12	-0.04	-0.07	0	0	0	0	0	0
5/21/2023 22:28	58402 MORO_T1	0	0	0	0	0	0	-0.66	-0.59	1	1	0	600	600	0
5/21/2023 22:31	46506 LOHA_T1	0	0	0	0	0	0	-0.46	-0.46	0	0	0	0	0	0
5/21/2023 22:32	56801 BENV_T1	41	43	2	1.06	1.07	0.01	-1.58	-1.64	2	2	0	1200	1200	0
5/21/2023 22:35	52403 GRPA_T2	2	2	0	0.5	0.8	0.3	-0.21	-0.22	0	0	0	0	0	0
5/21/2023 22:40	59101 WALK_T2	0	0	0	0	0	0	1.13	0.79	0	0	0	0	0	0
5/21/2023 22:41	57602 RUTH_T2	0	0	0	0	0	0	0.02	0.02	0	0	0	0	0	0
5/21/2023 22:44	56801 BENV_T1	41	43	2	1.06	1.07	0.01	-0.82	-0.84	1	1	0	600	600	0
5/21/2023 22:46	56802 BENV_T2	23	1	-22	0.17	0.8	0.63	-1.34	-0.74	0	0	0	0	0	0
5/21/2023 22:46	42701 AUGU_T1	1	1	0	0.2	0.5	0.3	0	0	2	2	0	1800	1800	0
5/21/2023 22:47	56801 BENV_T1	40	47	7	1.06	1.17	0.11	-0.82	-0.84	1	1	0	600	600	0
5/21/2023 22:49	42701 AUGU_T1	1	1	0	0.2	0.5	0.3	0	0	2	2	0	1800	1800	0
5/21/2023 22:49	51604 DUKE_T2	0	0	0	0	0	0	-1.65	-1.67	1	1	0	900	900	0
5/21/2023 22:56	67503 WEWI_T2	0	0	0	0	0	0	-0.32	-0.35	0	0	0	0	0	0
5/21/2023 23:03	48902 FOSP_T2	0	0	0	0	0	0	-0.36	-0.37	0	0	0	0	0	0

5/22/2023 4:31	46506 LOHA_T1	0	0	0	0	0	0	-0.53	-0.54	0	0	0	0	0	0
5/22/2023 4:32	56801 BENV_T1	30	30	0	0.54	0.49	-0.05	-0.96	-0.97	1	1	0	600	600	0
5/22/2023 4:35	52403 GRPA_T2	2	2	0	0.5	1.35	0.85	-0.81	-0.8	0	0	0	0	0	0
5/22/2023 4:38	48902 FOSP_T2	0	0	0	0	0	0	-0.42	-0.42	0	0	0	0	0	0
5/22/2023 4:38	57602 RUTH_T2	0	0	0	0	0	0	-0.13	-0.16	0	0	0	0	0	0
5/22/2023 4:40	59101 WALK_T2	0	0	0	0	0	0	0.9	0.96	0	0	0	0	0	0
5/22/2023 4:44	56801 BENV_T1	30	30	0	0.54	0.49	-0.05	-0.97	-0.96	1	1	0	600	600	0
5/22/2023 4:44	48902 FOSP_T2	0	0	0	0	0	0	-0.42	-0.42	0	0	0	0	0	0
5/22/2023 4:46	42201 SHEN_T2	0	0	0	0	0	0	0.54	0.54	0	0	0	0	0	0
5/22/2023 4:46	56802 BENV_T2	1	1	0	0.7	0.8	0.1	-1.59	-1.57	0	0	0	0	0	0
5/22/2023 5:21	48902 FOSP_T2	0	0	0	0	0	0	-0.26	-0.29	0	0	0	0	0	0
5/22/2023 10:00	45003 LIME_2	1	1	0	2.3	2.2	-0.1	0	0	1	1	0	1200	1200	0
5/22/2023 10:00	67502 WEWI_T2	1	1	0	0.2	0.4	0.2	0	0	0	0	0	0	0	0
5/22/2023 10:00	51604 DUKE_T2	0	1	1	0	0.1	0.1	-0.6	-0.59	0	0	0	0	0	0
5/22/2023 10:00	40502 CRES_T2	0	12	12	0	0.17	0.17	1.77	1.77	0	0	0	0	0	0
5/22/2023 10:00	59102 WALK_T2	0	1	1	0	0.1	0.1	0	0	0	0	0	0	0	0
5/22/2023 10:00	44901 SCOT_T2	0	0	0	0	0	0	0.14	0.02	0	0	0	0	0	0
5/22/2023 10:00	48902 FOSP_T2	0	0	0	0	0	0	1.78	2.24	0	0	0	0	0	0
5/22/2023 10:00	56803 BENV_T1	1	2	1	0.3	0.4	0.1	0	0	0	0	0	0	0	0
5/22/2023 10:00	16302 ALPA_T2	0	0	0	0	0	0	0.65	0.68	0	0	0	0	0	0
5/22/2023 10:00	57602 RUTH_T2	0	0	0	0	0	0	0.42	0.42	0	0	0	0	0	0
5/22/2023 10:00	52403 GRPA_T2	0	1	1	0	0.1	0.1	-0.02	-0.07	0	0	0	0	0	0
5/22/2023 10:00	58402 MORO_T1	0	0	0	0	0	0	-2.08	-2.08	3	3	0	2400	2400	0
5/22/2023 10:00	10805 CHHI_T2	1	1	0	8.7	8.4	-0.3	-0.88	-0.95	1	1	0	1200	1200	0
5/22/2023 10:00	42201 SHEN_T2	0	0	0	0	0	0	0.72	0.71	0	0	0	0	0	0
5/22/2023 10:00	46506 LOHA_T1	0	0	0	0	0	0	-0.41	-0.44	0	0	0	0	0	0
5/22/2023 10:00	23401 HONE_T2	1	1	0	0.2	0.4	0.2	-0.07	-0.03	0	0	0	0	0	0
5/22/2023 10:00	56601 HAMP_T1	0	0	0	0	0	0	-0.12	-0.07	0	0	0	0	0	0
5/22/2023 10:00	12605 MACA_T1	1	1	0	0.2	0.4	0.2	0	0	0	0	0	0	0	0
5/22/2023 10:00	56802 BENV_T2	3	20	17	0.6	0.31	-0.29	-0.69	-0.64	0	0	0	0	0	0
5/22/2023 10:00	42701 AUGU_T1	5	5	0	0.28	0.36	0.08	0	0	6	6	0	5400	5400	0
5/22/2023 10:00	64101 REFR_T1	0	0	0	0	0	0	-0.14	-0.12	0	0	0	0	0	0
5/22/2023 10:01	65604 QVIL_T2	0	0	0	0	0	0	0.35	0.33	0	0	0	0	0	0
5/22/2023 10:02	28604 BLYT_T2	1	1	0	0.2	0.1	-0.1	-1.41	-1.39	0	0	0	0	0	0
5/22/2023 10:05	42802 SELI_T1	1	1	0	0.5	0.1	-0.4	-0.72	-0.72	1	1	0	900	900	0
5/22/2023 10:10	54505 ENOL_T2	1	1	0	0.1	0.2	0.1	0	0	0	0	0	0	0	0
5/22/2023 10:22	64101 REFR_T1	0	0	0	0	0	0	-0.12	-0.12	0	0	0	0	0	0
5/22/2023 10:22	48902 FOSP_T2	0	0	0	0	0	0	0.61	1.04	0	0	0	0	0	0
5/22/2023 10:23	48902 FOSP_T2	0	0	0	0	0	0	0.61	1.04	0	0	0	0	0	0
5/22/2023 10:26	15001 BLMO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
5/22/2023 10:27	59102 WALK_T2	0	1	1	0	0.2	0.2	0	0	0	0	0	0	0	0
5/22/2023 10:28	56802 BENV_T2	15	16	1	0.33	0.39	0.06	-0.62	-0.68	0	0	0	0	0	0
5/22/2023 10:30	56802 BENV_T2	14	13	-1	0.35	0.49	0.14	-0.62	-0.68	0	0	0	0	0	0
5/22/2023 10:32	40101 HUNT_T2	0	0	0	0	0	0	-0.35	-0.26	0	0	0	0	0	0
5/22/2023 10:35	42802 SELI_T1	1	1	0	0.1	0	-0.1	-0.71	-0.69	1	1	0	900	900	0
5/22/2023 10:46	59102 WALK_T2	1	1	0	0.2	0.2	0	0	0	0	0	0	0	0	0
5/22/2023 10:47	46506 LOHA_T1	1	1	0	0.8	0.9	0.1	-0.53	-0.51	0	0	0	0	0	0
5/22/2023 10:57	44801 EDAN_T2	2	2	0	1	0.5	-0.5	0	0	0	0	0	0	0	0
5/22/2023 11:01	53601 DALM_T2	1	1	0	0.8	0.8	0	-0.33	-0.33	1	1	0	900	900	0
5/22/2023 11:02	53501 EVIL_T2	8	8	0	0.68	0.98	0.3	-0.5	-0.67	3	3	0	1800	1800	0
5/22/2023 11:06	42201 SHEN_T2	0	0	0	0	0	0	0.74	0.73	0	0	0	0	0	0
5/22/2023 11:06	42701 AUGU_T1	2	4	2	0.5	0.5	0	0	0	2	2	0	1800	1800	0
5/22/2023 11:07	57601 RUTH_T2	1	1	0	0.2	0.6	0.4	-0.36	-0.28	0	0	0	0	0	0
5/22/2023 11:08	51604 DUKE_T2	2	4	2	0.35	0.35	0	-0.53	-0.5	0	0	0	0	0	0
5/22/2023 11:09	57602 RUTH_T2	0	0	0	0	0	0	0.23	0.23	0	0	0	0	0	0
5/22/2023 11:10	42701 AUGU_T1	2	4	2	0.5	0.5	0	0	0	4	4	0	3600	3600	0
5/22/2023 11:11	51602 DUKE_T2	0	1	1	0	0.1	0.1	0	0	0	0	0	0	0	0
5/22/2023 11:12	42701 AUGU_T1	2	4	2	0.5	0.5	0	0	0	2	2	0	1800	1800	0
5/22/2023 11:17	24104 EHAZ_T1	2	3	1	0.15	0.3	0.15	0	0	0	0	0	0	0	0
5/22/2023 11:20	67502 WEWI_T2	4	6	2	0.35	0.32	-0.03	0	0	0	0	0	0	0	0
5/22/2023 11:27	10805 CHHI_T2	1	1	0	8.2	8.2	0	-1.13	-1.39	1	1	0	1200	1200	0
5/22/2023 11:27	29402 BELT_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
5/22/2023 11:29	57601 RUTH_T2	0	1	1	0	0.6	0.6	0	0	0	0	0	0	0	0
5/22/2023 11:39	67502 WEWI_T2	6	7	1	0.25	0.29	0.04	-0.12	-0.03	0	0	0	0	0	0
5/22/2023 11:41	15001 BLMO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
5/22/2023 11:41	51602 DUKE_T2	1	0	-1	0.1	0	-0.1	0	0	0	0	0	0	0	0
5/22/2023 11:43	10805 CHHI_T2	1	1	0	8.7	8.1	-0.6	-1.39	-1.44	1	2	1	1200	1800	600
5/22/2023 11:46	57601 RUTH_T2	1	1	0	0.5	0.5	0	0	0	0	0	0	0	0	0
5/22/2023 11:46	48902 FOSP_T2	0	1	1	0	0	0	-0.19	0.64	1	0	-1	1200	0	-1200
5/22/2023 11:51	15001 BLMO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
5/22/2023 11:56	57601 RUTH_T2	1	1	0	0.5	0.5	0	0	0	0	0	0	0	0	0
5/22/2023 11:58	53601 DALM_T2	1	1	0	0.7	1.4	0.7	-0.32	-0.33	1	1	0	900	900	0
5/22/2023 12:02	58402 MORO_T1	0	0	0	0	0	0	-2.09	-2.09	3	3	0	2400	2400	0
5/22/2023 12:06	56801 BENV_T1	33	15	-18	0.52	0.43	-0.09	-0.07	-0.07	0	0	0	0	0	0
5/22/2023 12:07	53501 EVIL_T2	6	6	0	0.55	0.82	0.27	-0.65	-0.53	2	2	0	1200	1200	0
5/22/2023 12:09	57602 RUTH_T2	0	0	0	0	0	0	0.36	0.28	0	0	0	0	0	0
5/22/2023 12:10	42701 AUGU_T1	5	5	0	0.4	0.54	0.14	0	0	2	2	0	1800	1800	0
5/22/2023 12:11	56803 BENV_T1	4	2	-2	0.45	0.4	-0.05	0	0	0	0	0	0	0	0
5/22/2023 12:12	16301 ALPA_T1	0	0	0	0	0	0	-0.09	-0.06	0	0	0	0	0	0
5/22/2023 12:13	40502 CRES_T2	0	0	0	0	0	0	0.04	0.04	0	0	0	0	0	0
5/22/2023 12:14	67204 TEHI_T2	1	1	0	0.5	0.4	-0.1	-0.05	-0.06	0	0	0	0	0	0
5/22/2023 12:16	41901 REED_T1	1	3	2	0.2	0.2	0	-1.27	-1.31	1	1	0	900	900	0
5/22/2023 12:16	56802 BENV_T2	7	6	-1	0.41	0.33	-0.08	-0.6	-0.51	0	0	0	0	0	0
5/22/2023 12:16	66504 SMAN_T2	0	1	1	0	0.1	0.1	0	0	0	0	0	0	0	0
5/22/2023 12:16	13302 ORVI_T2	8	9	1	0.65	0.71	0.06	0.92	0.93	0	0	0	0	0	0
5/22/2023 12:16	56803 BENV_T1	2	2	0	0.4	0.4	0	0	0	0	0	0	0	0	0
5/22/2023 12:16	54001 SDLE_T1	7	7	0	0.76	0.64	-0.12	0	0	0	0	0	0	0	0
5/22/2023 12:17	15001 BLMO_T1	0	1	1	0	0.2	0.2	0	0	0	0	0	0	0	0
5/22/2023 12:17	10805 CHHI_T2	1	1	0	7.9	7.9	0	-1.53	-1.62	2	2	0	1800	1800	0
5/22/2023 12:18	14402 SSLA_T1	1	1	0	0.5	0.7	0.2	0	0	0	0	0	0	0	0
5/22/2023 12:18	52403 GRPA_T2	0	0	0	0	0	0	0.01	0	0	0	0	0	0	0
5/22/2023 12:19	40502 CRES_T2	0	0	0	0	0	0	0.04	0.04	0	0	0	0	0	0
5/22/2023 12:19	47802 MOCA_T2	2	2	0	0.65	0.8	0.15	-0.99	-0.96	0	0	0	0	0	0
5/22/2023 12:19	42802 SELI_T1	1	1	0	0.1	0.2	0.1	-0.6	-0.6	1	1	0	900	900	0
5/22/2023 12:22	56801 BENV_T1	15	11	-4	0.41	0.44	0.03	-0.07	-0.06	0	0	0	0	0	0
5/22/2023 12:22	40502 CRES_T2	0	0	0	0	0	0	0.04	0.04	0	0	0	0	0	0
5/22/2023 12:26	42701 AUGU_T1	5	5	0	0.48	0.48	0	0	0	2	2	0	1800	1800	0
5/22/2023 12:53	54504 ENOL_T2	1	1	0	0.5	0.5	0	0	0	0	0	0	0	0	0
5/22/2023 12:53	47403 PENS_T1	1	1	0	2.3	2.4	0.1	0	0	0	0	0	0	0	0
5/22/2023 12:53	60801 BUCK_T1	173	96	-77	0.66	0.31	-0.35	0	0	0	0	0	0	0	0
5/22/2023 12:53	12403 MILF_T1	1	1	0	2.2	2.8	0.6	0	0	0	0	0	0	0	0
5/22/2023 12:53	42701 AUGU_T1	3	3	0	0.53	0.67	0.14	0	0	2	2	0	1800	1800	0
5/22/2023 12:53	56802 BENV_T2	3	6	3	0.53	0.47	-0.06	-0.52	-0.54	0	0	0	0	0	0
5/22/2023 12:54	51604 DUKE_T2	2	2	0	0.3	0.25	-0.05	-0.44	-0.44	0	0	0	0	0	0
5/22/2023 12:54	60803 BUCK_T1	0	0	0	0	0	0	-1.34	-1.27	0	0	0	0	0	0
5/22/2023 12:54	52502 PROG_T2	0	4	4	0	0.23	0.23	-0.51	-0.49	1	1	0	900	900	0
5/22/2023 12:54	48901 FOSP_T2	0	0	0	0	0	0	0.12	0.08	1	1	0	600	600	0
5/22/2023 12:55	59101 WALK_T2	0	0	0	0	0	0	2.02	1.78	0	0	0	0	0	0
5/22/2023 12:55	56802 BENV_T2	3	6	3	0.53	0.47	-0.06	-1.04	-1.08	0	0	0	0	0	0
5/22/2023 12:56	56801 BENV_T1	9	11	2	0.4	0.42	0.02	-0.06	-0.01	0	0	0	0	0	0
5/22/2023 14:24	20403 ASHF_T2	2	3	1	0.15	0.37	0.22	1.23	1.36	0	0	0	0	0	0
5/22/2023 14:36	51604 DUKE_T2	0	2	2	0	0.1	0.1	-1.57	-1.56	1	1	0	900	900	0
5/22/2023 15:15	52502 PROG_T2	0	0	0	0	0	0	-0.4	-0.39	1	1	0	900	900	0
5/22/2023 15:20	56801 BENV_T1	30	29	-1	0.65	0.56	-0.09	-0.59	-0.58	1	1	0	600	600	0
5/22/2023 15:30	15001 BLMO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
5/22/2023 15:36	47401 PENS_T1	0	0	0	0	0	0	1.33	1.25	0	0	0	0	0	0
5/22/2023 15:43	40902 JESH_T1	0	0	0	0	0	0	-0.64	-1.07	3	3	0	1800	1800	0
5/22/2023 15:55	56802 BENV_T2	1	1	0	1.1	0.9	-0.2	-0.48	-0.46	0	0	0	0	0	0
5/22/2023 15:56	60101 COCA_T1	0	0	0	0	0	0	0.56	0.49	0	0	0	0	0	0
5/22/2023 16:03	66303 MCGD_T2	1	1	0	0.8	0.3	-0.5	0	0	0	0	0	0	0	0
5/22/2023 16:21	40502 CRES_T2	0	0	0	0	0	0	0.14	0.16	0	0	0	0	0	0
5/22/2023 16:23	40502 CRES_T2	0	0	0	0	0	0	0.14	0.16	0	0	0	0	0	0
5/22/2023 16:33	42001 MNVL_T2	0	0	0	0	0	0	0.16	0.3	0	0	0	0	0	0
5/22/2023 16:34	26402 INOR_T1	0	0	0	0	0	0	-0.32	-0.33	0	0	0	0	0	0
5/22/2023 16:51	56801 BENV_T1	1	1	0	0.1	0.2	0.1	-0.56	-0.55	1	1	0	600	600	0
5/22/2023 16:52	56801 BENV_T1	1	1	0	0.1	0.2	0.1	-0.56	-0.55	1	1	0	600	600	0
5/22/2023 16:57	47401 PENS_T1	0	0	0	0	0	0	1.23	1.22	0	0	0	0	0	0
5/22/2023 17:35	50106 HARR_T3	0	1	1	0	0	0	0	0	0	0	0	0	0	0
5/22/2023 17:44	45502 DERR_T2	1	0	-1	0.2	0	-0.2	0	0	0	0	0	0	0	0
5/22/2023 17:45	27503 WEIS_T2	0	2	2	0	0.1	0.1	0	0	0	0	0	0	0	0
5/22/2023 19:52	45901 AUBU_T1	0	0	0	0	0	0	1.32	1.44	0	0	0	0	0	0
5/22/2023 20:04	14801 TREI_T2	0	0	0	0	0	0	0.51	0.5	0	0	0	0	0	0
5/22/2023 20:15	48901 FOSP_T2	0	0	0	0	0	0	0.33	0.26	0	0	0	0	0	0
5/22/2023 20:19	45902 AUBU_T1	0	0	0	0	0	0	-0.3	-0.29	0	0	0	0	0	0
5/22/2023 20:21	40502 CRES_T2	6	5	-1	0.23	0.26	0.03	0.06	0.08	0	0	0	0	0	0
5/22/2023 20:21	52502 PROG_T2	0	0	0	0	0	0	-0.45	-0.46	1	1	0	900	900	0
5/22/2023 20:22	20401 ASHF_T2	22	36	14	0.14	0.14	0	0	0	0	0	0	0	0	0
5/22/2023 20:24	28604 BLYT_T2	0	0	0	0	0	0	-1.31	-1.31	0	0	0	0	0	0
5/22/2023 20:25	59102 WALK_T2	1	1	0	0.2	0.2	0	0	0	0	0	0	0	0	0
5/22/2023 20:25	15001 BLMO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
5/22/2023 20:27	52502 PROG_T2	0	0	0	0	0	0	-0.45	-0.46	1	1	0	900	900	0
5/22/2023 20:28	20403 ASHF_T2	0	0	0	0	0	0	0.18	0.2	0	0	0	0	0	0
5/22/2023 20:28	56802 BENV_T2	1	18	17	1.3	0.13	-1.17	-0.63	-0.64	0	0	0	0	0	0
5/22/2023 20:29	56802 BENV_T2	1	18	17	1.3	0.13	-1.17	-0.63	-0.64	0	0	0	0	0	0
5/22/2023 20:30	42701 AUGU_T1	0	0	0	0	0	0	0	0	2	2	0	1800	1800	0
5/22/2023 20:30	41902 REED_T1	1	0	-1	0.2	0	-0.2	0	0	0	0	0	0	0	0
5/22/2023 20:34	54001 SDLE_T1	2	2	0	0.5	0.6	0.1	0	0	0	0	0	0	0	0
5/22/2023 20:35	12401 MILF_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
5/22/2023 20:36	59102 WALK_T2	1	2	1	0.2	0.15	-0.05	0	0	0	0	0	0	0	0
5/22/2023 20:38	46602 LACR_T1	0	0	0	0	0	0	-1.33	-1.37	0	0	0	0	0	0
5/22/2023 20:44	56802 BENV_T2	17	15	-2	0.13	0.2	0.07	-0.64	-0.61	0	0	0	0	0	0
5/22/2023 21:20	52402 GRPA_T2	4	4	0	1	1.28	0.28	0	0	0	0	0	0	0	0
5/22/2023 21:38	67502 WEWI_T2	0	0	0	0	0	0	-0.33	-0.35	0	0	0	0	0	0
5/22/2023 21:46	52404 GRPA_T2	1	1	0	1.6	1.6	0	-0.13	-0.14	0	0	0	0	0	0
5/22/2023 21:53	56802 BENV_T2	133	3	-130	0.29	0.6	0.31	-0.6	-1.33	0	0	0	0	0	0
5/22/2023 21:56	42802 SELI_T1	1	1	0	0.7	0.9	0.2	-0.96	-0.98	1	1	0	900	900	0
5/22/2023 21:59	66503 SMAN_T2	0	6	6	0	0.12	0.12	0	0	0	0	0	0	0	0
5/22/2023 22:00	12401 MILF_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
5/22/2023 22:01	14403 SSLA_T1	0	0	0	0	0	0	0.83	0.75	0	0	0	0	0	0
5/22/2023 22:07	56801 BENV_T1	38	29	-9	1.21	1.21	0	-0.77	-0.79	1	1	0	600	600	0
5/22/2023 22:10	56803 BENV_T1	8	0	-8	0.44	0	-0.44	0	0	0	0	0	0	0	0
5/22/2023 22:12	45901 AUBU_T1	0	0	0	0	0	0	1.49	1.42	0	0	0	0	0	0
5/22/2023 22:12	56801 BENV_T1	38	29	-9	1.21	1.21	0	-0.77	-0.79	1	1	0	600	600	0
5/22/2023 22:13	15001 BLMO_T1	4	5	1	0.45	0.56	0.11	0	0	0	0	0	0	0	0
5/22/2023 22:15	24101 EHAZ_T1	0	0	0	0	0	0	0.87	0.92	0	0	0	0	0	0
5/22/2023 22:18	67204 TEHI_T2	0	0	0	0	0	0	-0.24	-0.24	0	0	0	0	0	0
5/22/2023 22:18	40502 CRES_T2	0	0	0	0	0	0	0.6	0.55	0	0	0	0	0	0
5/22/2023 22:21	40502 CRES_T2	0	0	0	0	0	0	0.55	0.52	0	0	0	0	0	0
5/22/2023 22:24	46602 LACR_T1	0	0	0	0	0	0	-1.45	-1.51	0	0	0	0	0	0
5/22/2023 22:33	60803 BUCK_T1	0	0	0	0	0	0	-0.94	-0.98	1	1	0	600	600	0
5/22/2023 22:34	53501 EVIL_T2	6	13	7	0.2	0.54	0.34	-0.71	-0.73	0	0	0	0	0	0
5/22/2023 22:36	40101 HUNT_T2	0	0	0	0	0	0	-0.63	-0.66	0	0	0	0	0	0
5/22/2023 22:39	56803 BENV_T1	0	3	3	0	0.1	0.1	0	0	0	0	0	0	0	0
5/22/2023 22:40	42802 SELI_T1	1	1	0	0.2	0.8	0.6	-0.04	-0.09	0	0	0	0	0	0
5/22/2023 22:40	58402 MORO_T1	0	0	0	0	0	0	-0.57	-0.61	1	1	0	600	600	0
5/22/2023 22:42	40902 JESH_T1	0	0	0	0	0	0	-0.43	-0.48	1	1	0	600	600	0
5/22/2023 22:42	60101 COCA_T1	0	0	0	0	0	0	0.23	0.22	0	0	0	0	0	0
5/22/2023 22:42	56802 BENV_T2	1	4	3	1.6	0.5

Appendix C - Grid Benefits Achieved in Each Instance of Active Management

5/23/2023 0:28	51604 DUKE_T2	0	0	0	0	0	0	-3.54	-3.56	2	2	0	1800	1800	0
5/23/2023 0:28	47802 MOCA_T2	0	0	0	0	0	0	-1.07	-1.1	0	0	0	0	0	0
5/23/2023 0:28	52502 PROG_T2	0	0	0	0	0	0	-0.76	-0.74	1	1	0	900	900	0
5/23/2023 0:28	29402 BELT_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
5/23/2023 0:28	58402 MORO_T1	0	0	0	0	0	0	-0.58	-0.61	1	1	0	600	600	0
5/23/2023 0:28	44801 EDAN_T2	1	1	0	1.4	1	-0.4	0	0	0	0	0	0	0	0
5/23/2023 0:28	42201 SHEN_T2	0	0	0	0	0	0	0.59	0.6	0	0	0	0	0	0
5/23/2023 0:28	42001 MNVL_T2	0	0	0	0	0	0	-0.12	-0.14	0	0	0	0	0	0
5/23/2023 0:28	40502 CRES_T2	0	0	0	0	0	0	0.42	0.42	0	0	0	0	0	0
5/23/2023 0:28	12401 MILF_T1	0	1	1	0	0.2	0.2	0	0	0	0	0	0	0	0
5/23/2023 0:28	15001 BLMO_T1	0	3	3	0	0.1	0.1	0	0	0	0	0	0	0	0
5/23/2023 0:28	56801 BENV_T1	18	29	11	0.41	0.66	0.25	-0.81	-0.84	0	0	0	0	0	0
5/23/2023 0:28	14403 SSLA_T1	0	0	0	0	0	0	0.59	0.59	0	0	0	0	0	0
5/23/2023 0:28	57602 RUTH_T2	0	0	0	0	0	0	0	-0.04	0	0	0	0	0	0
5/23/2023 0:28	56802 BENV_T2	1	3	2	1.1	0.57	-0.53	-2.96	-2.94	0	0	0	0	0	0
5/23/2023 0:52	52404 GRPA_T2	1	1	0	0.7	0.7	0	-0.31	-0.35	0	0	0	0	0	0
5/23/2023 1:13	56802 BENV_T2	7	1	-6	0.31	1.2	0.89	-1.51	-1.51	0	0	0	0	0	0
5/23/2023 1:13	27502 WEIS_T2	0	0	0	0	0	0	-0.38	-0.41	0	0	0	0	0	0
5/23/2023 1:22	20401 ASHF_T2	9	45	36	0.21	0.22	0.01	0	0	0	0	0	0	0	0
5/23/2023 1:52	54502 ENOL_T2	1	1	0	0.8	1	0.2	-2.02	-2.03	1	1	0	600	600	0
5/23/2023 2:00	57602 RUTH_T2	0	0	0	0	0	0	-0.06	-0.08	0	0	0	0	0	0
5/23/2023 2:19	66505 SMAN_T2	0	0	0	0	0	0	-0.18	-0.24	1	1	0	900	900	0
5/23/2023 2:24	28602 BLYT_T2	2	2	0	0.6	0.4	-0.2	0	0	0	0	0	0	0	0
5/23/2023 2:30	66302 MCGD_T2	0	0	0	0	0	0	-0.83	-0.85	0	0	0	0	0	0
5/23/2023 2:34	26401 INOR_T1	81	78	-3	0.22	0.21	-0.01	0	0	0	0	0	0	0	0
5/23/2023 2:36	28602 BLYT_T2	2	2	0	0.3	0.35	0.05	0	0	0	0	0	0	0	0
5/23/2023 2:39	45902 AUBU_T1	0	0	0	0	0	0	-0.98	-0.95	1	1	0	600	600	0
5/23/2023 2:43	45902 AUBU_T1	0	0	0	0	0	0	-0.98	-0.95	1	1	0	600	600	0
5/23/2023 3:14	53501 EVIL_T2	36	25	-11	0.97	1.32	0.35	-0.78	-0.75	0	0	0	0	0	0
5/23/2023 3:18	53601 DALM_T2	1	1	0	0.8	0.8	0	0.79	0.78	0	0	0	0	0	0
5/23/2023 3:29	29402 BELT_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
5/23/2023 3:32	45901 AUBU_T1	0	0	0	0	0	0	1.86	1.85	0	0	0	0	0	0
5/23/2023 3:33	57602 RUTH_T2	0	0	0	0	0	0	-0.09	-0.08	0	0	0	0	0	0
5/23/2023 3:36	40101 HUNT_T2	111	91	-20	0.35	0.37	0.02	-0.73	-0.77	0	0	0	0	0	0
5/23/2023 3:38	67204 TEHI_T2	103	105	2	0.28	0.25	-0.03	-0.02	-0.02	0	0	0	0	0	0
5/23/2023 3:38	15001 BLMO_T1	3	4	1	0.13	0.25	0.12	0	0	0	0	0	0	0	0
5/23/2023 3:39	47401 PENS_T1	1	5	4	0.1	0.1	0	0.58	0.55	0	0	0	0	0	0
5/23/2023 3:41	15001 BLMO_T1	3	4	1	0.13	0.25	0.12	0	0	0	0	0	0	0	0
5/23/2023 3:41	40502 CRES_T2	18	22	4	0.28	0.33	0.05	0.28	0.28	0	0	0	0	0	0
5/23/2023 3:41	14403 SSLA_T1	0	0	0	0	0	0	0.53	0.51	0	0	0	0	0	0
5/23/2023 3:44	47802 MOCA_T2	0	0	0	0	0	0	-1.11	-1.09	0	0	0	0	0	0
5/23/2023 3:44	28602 BLYT_T2	2	2	0	0.55	0.5	-0.05	0	0	0	0	0	0	0	0
5/23/2023 3:47	15001 BLMO_T1	3	4	1	0.13	0.4	0.27	0	0	0	0	0	0	0	0
5/23/2023 3:58	47401 PENS_T1	0	9	9	0	0.1	0.1	0.55	0.58	0	0	0	0	0	0
5/23/2023 4:00	12401 MILF_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
5/23/2023 4:00	42802 SELI_T1	0	0	0	0	0	0	-0.11	-0.11	0	0	0	0	0	0
5/23/2023 4:01	15001 BLMO_T1	4	3	-1	0.25	0.5	0.25	0	0	0	0	0	0	0	0
5/23/2023 4:01	40502 CRES_T2	18	24	6	0.32	0.51	0.19	0.28	0.29	0	0	0	0	0	0
5/23/2023 4:03	42001 MNVL_T2	0	0	0	0	0	0	-0.14	-0.18	0	0	0	0	0	0
5/23/2023 4:04	60801 BUCK_T1	188	187	-1	0.96	0.92	-0.04	0	0	0	0	0	0	0	0
5/23/2023 4:04	45501 DERR_T2	1	1	0	0.4	0.5	0.1	-0.4	-0.44	2	2	0	1800	1800	0
5/23/2023 4:07	46504 LOHA_T1	40	2	-38	0.37	1.2	0.83	0	0	0	0	0	0	0	0
5/23/2023 4:07	42201 SHEN_T2	0	0	0	0	0	0	0.57	0.56	0	0	0	0	0	0
5/23/2023 4:07	12401 MILF_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
5/23/2023 4:08	56801 BENV_T1	31	31	0	1.32	1.26	-0.06	-0.95	-0.96	1	1	0	600	600	0
5/23/2023 4:09	56801 BENV_T1	31	31	0	1.32	1.26	-0.06	-0.95	-0.96	1	1	0	600	600	0
5/23/2023 4:11	42701 AUGU_T1	1	1	0	0.8	0.6	-0.2	0	0	1	1	0	600	600	0
5/23/2023 4:13	60801 BUCK_T1	188	187	-1	0.96	0.92	-0.04	0	0	0	0	0	0	0	0
5/23/2023 4:13	15001 BLMO_T1	4	3	-1	0.25	0.5	0.25	0	0	0	0	0	0	0	0
5/23/2023 4:14	44802 EDAN_T2	0	0	0	0	0	0	-1.92	-1.94	1	1	0	1200	1200	0
5/23/2023 4:18	56801 BENV_T1	31	27	-4	1.26	1.09	-0.17	-0.95	-0.96	1	1	0	600	600	0
5/23/2023 4:19	45902 AUBU_T1	0	0	0	0	0	0	-0.99	-0.77	1	1	0	600	600	0
5/23/2023 4:19	47402 PENS_T1	1	1	0	0.5	0.3	-0.2	0	0	0	0	0	0	0	0
5/23/2023 4:20	47402 PENS_T1	1	1	0	0.5	0.3	-0.2	0	0	0	0	0	0	0	0
5/23/2023 4:20	58402 MORO_T1	0	0	0	0	0	0	-0.54	-0.56	1	1	0	600	600	0
5/23/2023 4:22	67503 WEWI_T2	0	0	0	0	0	0	-0.49	-0.47	0	0	0	0	0	0
5/23/2023 4:23	56802 BENV_T2	1	1	0	0.9	0.9	0	-1.56	-1.53	0	0	0	0	0	0
5/23/2023 4:24	46602 LACR_T1	0	0	0	0	0	0	-1.75	-1.68	0	0	0	0	0	0
5/23/2023 4:29	48902 FOSP_T2	0	0	0	0	0	0	-0.42	-0.42	0	0	0	0	0	0
5/23/2023 4:58	51604 DUKE_T2	0	0	0	0	0	0	-1.82	-1.82	1	1	0	900	900	0
5/23/2023 5:00	12401 MILF_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
5/23/2023 5:02	51604 DUKE_T2	0	0	0	0	0	0	-1.82	-1.82	1	1	0	900	900	0
5/23/2023 5:14	51604 DUKE_T2	0	0	0	0	0	0	-1.82	-1.84	1	1	0	900	900	0
5/23/2023 5:22	51604 DUKE_T2	0	0	0	0	0	0	-1.84	-1.83	1	1	0	900	900	0
5/23/2023 8:43	48901 FOSP_T2	0	0	0	0	0	0	-0.01	-0.01	1	1	0	600	600	0
5/23/2023 8:44	48901 FOSP_T2	0	0	0	0	0	0	-0.01	-0.01	1	1	0	600	600	0
5/23/2023 8:54	56802 BENV_T2	4	233	229	0.6	0.18	-0.42	-0.72	-0.7	0	0	0	0	0	0
5/23/2023 9:10	56802 BENV_T2	111	227	116	0.16	0.19	0.03	-0.7	-0.68	0	0	0	0	0	0
5/23/2023 9:22	54502 ENOL_T2	5	1	-4	0.32	0.1	-0.22	-1.39	-1.36	0	0	0	0	0	0
5/23/2023 10:00	51604 DUKE_T2	0	1	1	0	0.1	0.1	-1.85	-1.82	0	0	0	0	0	0
5/23/2023 10:00	50103 HARR_T3	1	2	1	0.2	0.5	0.3	-0.12	-0.14	0	0	0	0	0	0
5/23/2023 10:00	58401 MORO_T1	0	1	1	0	0.1	0.1	0	0	0	0	0	0	0	0
5/23/2023 10:00	54502 ENOL_T2	0	1	1	0	0.5	0.5	-1.4	-1.36	0	1	0	600	600	0
5/23/2023 10:00	56601 HAMP_T1	0	0	0	0	0	0	-0.13	-0.08	0	0	0	0	0	0
5/23/2023 10:00	54001 SDLE_T1	4	4	0	0.55	0.65	0.1	0	0	0	0	0	0	0	0
5/23/2023 10:00	15001 BLMO_T1	1	1	0	0.1	0.2	0.1	0	0	0	0	0	0	0	0
5/23/2023 10:00	24101 EHAZ_T1	0	14	14	0	0.1	0.1	0.88	0.91	2	2	0	1200	1200	0
5/23/2023 10:00	52404 GRPA_T2	0	0	0	0	0	0	1.26	1.2	0	0	0	0	0	0
5/23/2023 10:00	42201 SHEN_T2	0	0	0	0	0	0	0.74	0.73	0	0	0	0	0	0
5/23/2023 10:00	67502 WEWI_T2	2	3	1	0.5	0.37	-0.13	-0.19	-0.13	0	0	0	0	0	0
5/23/2023 10:00	52403 GRPA_T2	0	0	0	0	0	0	0.02	-0.02	0	0	0	0	0	0
5/23/2023 10:00	28604 BLYT_T2	0	0	0	0	0	0	-1.42	-1.42	0	0	0	0	0	0
5/23/2023 10:00	52502 PROG_T2	0	1	1	0	0.2	0.2	-2.2	-2.18	3	3	0	2700	2700	0
5/23/2023 10:00	12605 MAGA_T1	1	1	0	0.1	0.3	0.2	0	0	0	0	0	0	0	0
5/23/2023 10:00	57601 RUTH_T2	0	0	0	0	0	0	-0.4	-0.38	0	0	0	0	0	0
5/23/2023 10:00	57602 RUTH_T2	0	0	0	0	0	0	0.2	0.26	0	0	0	0	0	0
5/23/2023 10:00	46506 LOHA_T1	0	0	0	0	0	0	-1.52	-1.53	1	1	0	900	900	0
5/23/2023 10:00	56802 BENV_T2	9	12	3	0.5	0.43	-0.07	-4.08	-4.2	0	0	0	0	0	0
5/23/2023 10:00	42001 MNVL_T2	1	3	2	0.2	0.53	0.33	0	0.02	0	0	0	0	0	0
5/23/2023 10:00	14802 TREI_T2	2	2	0	0.7	0.7	0	0	0	0	0	0	0	0	0
5/23/2023 10:00	45501 DERR_T2	0	0	0	0	0	0	1.02	1.06	2	2	0	1800	1800	0
5/23/2023 10:00	48901 FOSP_T2	0	0	0	0	0	0	0.05	0.06	1	1	0	600	600	0
5/23/2023 10:00	10805 CHHI_T2	1	1	0	7.4	7.6	0.2	-1.66	-1.57	2	2	0	1800	1800	0
5/23/2023 10:00	53601 DALM_T2	1	1	0	0.5	0.7	0.2	-0.35	-0.58	1	1	0	900	900	0
5/23/2023 10:00	12402 MILF_T1	1	1	0	0.7	0.9	0.2	0	0	0	0	0	0	0	0
5/23/2023 10:00	41901 REED_T1	1	0	-1	0.1	0	-0.1	-1.24	-1.11	1	1	0	900	900	0
5/23/2023 10:00	40502 CRES_T2	0	0	0	0	0	0	1.24	1.22	0	0	0	0	0	0
5/23/2023 10:00	20403 ASHF_T2	19	6	-13	0.36	0.52	0.16	0.44	0.5	0	0	0	0	0	0
5/23/2023 10:00	67502 WEWI_T2	2	3	1	0.5	0.37	-0.13	-0.19	-0.13	0	0	0	0	0	0
5/23/2023 10:00	44801 EDAN_T2	1	10	9	0.2	0.3	0.1	0	0	0	0	0	0	0	0
5/23/2023 10:00	47401 PENS_T1	0	0	0	0	0	0	3.34	3.49	0	0	0	0	0	0
5/23/2023 10:00	26402 INOR_T1	0	0	0	0	0	0	-0.33	-0.34	0	0	0	0	0	0
5/23/2023 10:00	13302 ORVI_T2	1	7	6	0.5	0.15	-0.35	0.78	0.77	0	0	0	0	0	0
5/23/2023 10:00	40101 HUNT_T2	0	0	0	0	0	0	-0.33	-0.33	0	0	0	0	0	0
5/23/2023 10:00	42802 SELI_T1	0	1	1	0	0.4	0.4	-1.42	-1.4	2	2	0	1800	1800	0
5/23/2023 10:00	64801 MONE_T2	1	1	0	0.4	0.4	0	0.62	0.63	0	0	0	0	0	0
5/23/2023 10:00	27502 WEIS_T2	0	0	0	0	0	0	-0.46	-0.45	0	0	0	0	0	0
5/23/2023 10:00	56801 BENV_T1	32	32	0	0.75	0.72	-0.03	-1.36	-1.12	0	0	0	0	0	0
5/23/2023 10:00	67604 WARW_T1	0	0	0	0	0	0	0.77	0.8	0	0	0	0	0	0
5/23/2023 10:00	29402 BELT_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
5/23/2023 10:00	16301 ALPA_T1	0	0	0	0	0	0	-0.31	-0.23	0	0	0	0	0	0
5/23/2023 10:00	45902 AUBU_T1	0	0	0	0	0	0	-0.47	-0.49	1	1	0	600	600	0
5/23/2023 10:00	47802 MOCA_T2	0	0	0	0	0	0	0.32	0.31	0	0	0	0	0	0
5/23/2023 10:00	52502 PROG_T2	0	1	1	0	0.2	0.2	-2.2	-2.18	3	3	0	2700	2700	0
5/23/2023 10:00	40901 JESH_T1	1	1	0	0.4	0.1	-0.3	0	0	0	0	0	0	0	0
5/23/2023 10:00	60803 BUCK_T1	0	0	0	0	0	0	-0.83	-0.83	1	1	0	600	600	0
5/23/2023 10:00	53501 EVIL_T2	4	3	-1	0.48	0.23	-0.25	0.14	0.1	2	2	0	1200	1200	0
5/23/2023 10:00	42701 AUGU_T1	0	1	1	0	0	0	0	0	3	3	0	1800	1800	0
5/23/2023 10:06	66505 SMAN_T2	0	0	0	0	0	0	0.57	0.49	2	2	0	1100	1100	0
5/23/2023 10:07	60803 BUCK_T1	0	0	0	0	0	0	-0.83	-0.82	1	1	0	600	600	0
5/23/2023 10:09	12401 MILF_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
5/23/2023 10:14	48901 FOSP_T2	0	0	0	0	0	0	0.06	0.02	1	1	0	600	600	0
5/23/2023 10:18	45901 AUBU_T1	0	0	0	0	0	0	1.73	1.81	0	0	0	0	0	0
5/23/2023 10:19	56802 BENV_T2	9	13	4	0.42	0.44	0.02	-0.61	-0.6	0	0	0	0	0	0
5/23/2023 10:20	14403 SSLA_T1	0	4	4	0	0.38	0.38	0.82	0.81	0	0	0	0	0	0
5/23/2023 10:21	15001 BLMO_T1	1	1	0	0.2	0.2	0	0	0	0	0	0	0	0	0
5/23/2023 10:28	40502 CRES_T2	0	0	0	0	0	0	0.58	0.55	0	0	0	0	0	0
5/23/2023 10:29	67204 TEHI_T2	1	1	0	0.4	0.1	-0.3	-0.04	-0.04	0	0	0	0	0	0
5/23/2023 10:30	15001 BLMO_T1	1	1	0	0.2	0.2	0	0	0	0	0	0	0	0	0
5/23/2023 10:32	56802 BENV_T2	11	15	4	0.45	0.38	-0.07	-0.61	-0.6	0	0	0	0	0	0
5/23/2023 10:37	20401 ASHF_T2	2	9	7	0.6	0.34	-0.26	0	0	0	0	0	0	0	0
5/23/2023 10:39	64801 MONE_T2	1	3	2	0.3	0.23	-0.07	0	0	0	0	0	0	0	0
5/23/2023 10:42	46602 LACR_T1	0	0	0	0	0	0	-1.18	-1.24	0	0	0	0	0	0
5/23/2023 10:52	59102 WALK_T2	1	1	0	0.4	0.8	0.4	0	0	0	0	0	0	0	0
5/23/2023 10:56	60101 COCA_T1	0	0	0	0	0	0	0.33	0.37	0	0	0	0	0	0
5/23/2023 11:09	52502 PROG_T2	1	1	0	0.2	0.2	0	-0.7	-0.67	1	1	0	900	900	0
5/23/2023 11:12	52502 PROG_T2	1	1	0	0.2	0.2	0	-0.7	-0.67	1	1	0	900	900	0
5/23/2023 11:13	40502 CRES_T2	0	0	0	0	0	0	0.61	0.6	0	0	0	0	0	0
5/23/2023 11:13	40101 HUNT_T2	0	0	0	0	0	0	-0.37	-0.21	0	0	0	0	0	0
5/23/2023 11:14	44802 EDAN_T2	1	1	0	0.3	0.6	0.3	-1.68	-1.64	1	1	0	1200	1200	0
5/23/2023 11:19	28604 BLYT_T2	0	3	3	0	0.17	0.17	-1.36	-1.35	0	0	0	0	0	0
5/23/2023 11:21	44802 EDAN_T2	1	1	0	0.6	0.4	-0.2	-1.64	-1.63	1	1	0	1200	1200	0
5/23/2023 11:21	48901 FOSP_T2	0	0	0	0	0	0	0	0.03	1	1	0	600	600	0
5/23/2023 11:22	40502 CRES_T2	0	0	0	0	0	0	0.6	0.63	0	0	0	0	0	0
5/23/2023 11:23	67502 WEWI_T2	7	8	1	0.44	0.39	-0.05	0	0	0	0	0	0	0	0
5/23/2023 11:23	15001 BLMO_T1	0	1	1	0	0.5	0.5	0	0	0	0	0	0	0	0
5/23/2023 11:27	67503 WEWI_T2	0	0	0	0	0	-0.2	-0.01	0	0	0	0	0	0	0
5/23/2023 11:30	40502 CRES_T2	0	0	0	0	0	0	0.6	0.63	0	0	0	0	0	0
5/23/2023 11:34	42902 MIDD_T2	2	8	6	0.1	0.54	0.44	-0.46	-0.44	1	1	0	600	600	0
5/23/2023 11:36	42001 MNVL_T2	1	2	1	0.4	0.2	-0.2	0.1	0.07	0	0	0	0	0	0
5/23/2023 11:41	29402 BELT_T1	4	7	3	0.45	0.44	-0.01	0	0	0	0	0	0	0	0
5/23/2023 11:45	42802 SELI_T1	2	2	0	0.45	0.5	0.05	-0.59	-0.59	1	1	0	900	900	0
5/23/2023 11:45	56802 BENV_T2	15	19	4	0.47	0.41	-0.06	-0.63	-0.55	0	0	0	0	0	0
5/23/2023 11:45	10805 CHHI_T2	1	1	0	8	7.8	-0.2	-1.46	-1.42	2	2	0	1800	1800	0
5/23/2023 11:45	67204 TEHI_T2	1	1	0	0.2	0.6	0.4	-0.01	0.01	0	0	0	0	0	0
5/23/2023 11:47	15001 BLMO_T1	1	2	1	0.5	0.5	0	0	0	0	0	0	0	0	0
5/23/2023 11:47	52403 GRPA_T2	5	5	0	0.48	0.4	-0.08	-0.03	-0.02	0	0	0	0	0	0
5/23/2023 11:47	67503 WEWI_T2	0	0	0	0	0	0	-0.01	-0.13	0	0	0	0	0	0
5/23/2023 11:50	56802 BENV_T2	15	19	4	0.47	0.41	-0.06	-0.55	-0.57	0	0	0	0	0	0
5/23/2023 11:54	44802 EDAN_T2	1	2	1	0.3	0.3	0	-1.62	-1.59	1	1	0	1200	1200	0
5/23/2023 11:54	67502 WEWI_T2	6	10	4	0.47	0.33	-0.14	-0.06	-0.23	0	0	0	0	0	0
5/23/2023 11:58	67502 WEWI_T2	6	10	4	0.47	0.33	-0.14	-0.06	-0.23	0	0	0	0	0	0
5/23/2023 12:00	15001 BLMO_T1	2	2	0	0.45	0.5	0.05	0	0	0	0	0	0	0	0
5/23/2023 12:34	45001 LIME_2	1	0	-1	0.2	0	-0.2	0	0	0	0	0	0	0	0
5/23/2023 13:21	42801 SELI_T1	1	0	-1	2	0	-2	0	0	0	0	0	0	0	0
5/23/2023 14:25	27502 WEIS_T2	4	3	-1	0.73	0.33	-0.4	-0.35	-0.34	0	0	0	0	0	0
5/23/2023 14:26	41801 GOCI_T2	79	53	-26	0.3	0.29	-0.01	0	0	0	0	0	0	0	0
5/23/2023 14:38	20403 ASHF_T2

Appendix C - Grid Benefits Achieved in Each Instance of Active Management

5/23/2023 21:52	48901 FOSP_T2	0	0	0	0	0	0	-0.38	-0.39	1	1	0	600	600	0
5/23/2023 21:53	52403 GRPA_T2	3	2	-1	0.7	1.25	0.55	0	0	0	0	0	0	0	0
5/23/2023 21:53	56802 BENV_T2	27	2	-25	0.12	0.35	0.23	-0.56	-0.58	0	0	0	0	0	0
5/23/2023 21:55	53501 EVIL_T2	1	10	9	0.7	0.41	-0.29	-1.16	-1.17	1	1	0	600	600	0
5/23/2023 21:58	15001 BLMO_T1	0	1	1	0	0	0	0	0	0	0	0	0	0	0
5/23/2023 21:58	67503 WEWI_T2	0	0	0	0	0	0	-0.17	-0.1	0	0	0	0	0	0
5/23/2023 22:01	42802 SELI_T1	1	1	0	0.2	1.3	1.1	-0.86	-0.88	1	1	0	900	900	0
5/23/2023 22:02	15001 BLMO_T1	0	1	1	0	0.1	0.1	0	0	0	0	0	0	0	0
5/23/2023 22:03	59101 WALK_T2	0	0	0	0	0	0	1.38	1.38	0	0	0	0	0	0
5/23/2023 22:05	42802 SELI_T1	1	1	0	0.2	1.3	1.1	-0.88	-0.93	1	1	0	900	900	0
5/23/2023 22:11	52403 GRPA_T2	2	2	0	1.25	0.3	-0.95	-0.15	-0.18	0	0	0	0	0	0
5/23/2023 22:12	40101 HUNT_T2	0	0	0	0	0	0	-0.57	-0.6	0	0	0	0	0	0
5/23/2023 22:15	42001 MNVL_T2	5	106	101	0.22	0.2	-0.02	0.08	0.03	0	0	0	0	0	0
5/23/2023 22:17	56801 BENV_T1	25	27	2	0.64	1.21	0.57	-0.73	-0.8	1	1	0	600	600	0
5/23/2023 22:19	64801 MONE_T2	1	1	0	0.2	0.4	0.2	0	0	0	0	0	0	0	0
5/23/2023 22:19	14801 TREI_T2	0	0	0	0	0	0	0.29	0.28	0	0	0	0	0	0
5/23/2023 22:26	45702 LIND_T2	1	1	0	1	1	0	0	0	0	0	0	0	0	0
5/23/2023 22:26	53501 EVIL_T2	10	12	2	0.41	0.43	0.02	-1.23	-0.64	1	0	-1	600	0	-600
5/23/2023 22:26	56802 BENV_T2	0	1	1	0	0.8	0.8	-0.71	-0.74	0	0	0	0	0	0
5/23/2023 22:27	52502 PROG_T2	0	0	0	0	0	0	-0.59	-0.61	1	1	0	900	900	0
5/23/2023 22:28	56802 BENV_T2	0	1	1	0	0.8	0.8	-0.71	-0.74	0	0	0	0	0	0
5/23/2023 22:28	42701 AUGU_T1	1	3	2	0.1	0.5	0.4	0	0	2	2	0	1800	1800	0
5/23/2023 22:30	59101 WALK_T2	0	0	0	0	0	0	1.17	1.38	0	0	0	0	0	0
5/23/2023 22:31	42002 MNVL_T2	1	1	0	1.8	2.4	0.6	0	-0.01	0	0	0	0	0	0
5/23/2023 22:32	40902 JESH_T1	0	0	0	0	0	0	-0.48	-0.49	1	1	0	600	600	0
5/23/2023 22:33	45003 LIME_2	2	2	0	2.45	2.15	-0.3	0	0	1	1	0	1200	1200	0
5/23/2023 22:37	47402 PENS_T1	0	1	1	0	0.2	0.2	0	0	0	0	0	0	0	0
5/23/2023 22:42	40502 CRES_T2	0	0	0	0	0	0	0.54	0.52	0	0	0	0	0	0
5/23/2023 22:43	42701 AUGU_T1	1	1	0	0.4	0.5	0.1	0	0	4	4	0	3600	3600	0
5/23/2023 22:44	42601 TUSC_T1	0	0	0	0	0	0	0	0	2	1	-1	1800	1200	-600
5/23/2023 22:45	67503 WEWI_T2	0	0	0	0	0	0	-0.23	-0.25	0	0	0	0	0	0
5/23/2023 22:46	48901 FOSP_T2	0	0	0	0	0	0	-0.4	-0.42	1	1	0	600	600	0
5/23/2023 22:47	44802 EDAN_T2	0	0	0	0	0	0	-1.66	-1.69	1	1	0	1200	1200	0
5/23/2023 22:51	29402 BELT_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
5/23/2023 22:52	40502 CRES_T2	0	0	0	0	0	0	0.52	0.52	0	0	0	0	0	0
5/23/2023 22:56	11104 EGYP_T1	0	0	0	0	0	0	0.48	0.46	0	0	0	0	0	0
5/23/2023 22:57	40502 CRES_T2	0	0	0	0	0	0	0.52	0.52	0	0	0	0	0	0
5/23/2023 22:59	29402 BELT_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
5/23/2023 23:02	15001 BLMO_T1	4	6	2	0.6	0.8	0.2	0	0	0	0	0	0	0	0
5/23/2023 23:10	67502 WEWI_T2	0	0	0	0	0	0	-0.57	-0.58	0	0	0	0	0	0
5/23/2023 23:12	42902 MIDD_T2	1	21	20	1	0.3	-0.7	-0.49	-0.48	0	0	0	0	0	0
5/23/2023 23:12	10805 CHHI_T2	1	1	0	7.5	7.3	-0.2	-1.4	-1.42	1	1	0	600	600	0
5/23/2023 23:18	26401 INOR_T1	81	151	70	0.3	0.3	0	0	0	0	0	0	0	0	0
5/23/2023 23:19	28602 BLYT_T2	0	1	1	0	0.2	0.2	0	0	0	0	0	0	0	0
5/23/2023 23:28	27502 WEIS_T2	0	0	0	0	0	0	-0.31	-0.33	0	0	0	0	0	0
5/23/2023 23:30	41801 GOCI_T2	15	82	67	0.11	0.19	0.08	0	0	0	0	0	0	0	0
5/23/2023 23:35	44901 SCOT_T2	0	0	0	0	0	0	0.04	0.1	0	0	0	0	0	0
5/23/2023 23:36	20403 ASHF_T2	0	0	0	0	0	0	-0.05	-0.05	0	0	0	0	0	0
5/24/2023 0:28	64802 MONE_T2	0	0	0	0	0	0	0.13	0.12	0	0	0	0	0	0
5/24/2023 0:28	53502 EVIL_T2	1	1	0	0.2	0.2	0	0	0	0	0	0	0	0	0
5/24/2023 0:28	52403 GRPA_T2	2	2	0	1.05	1	-0.05	-0.16	-0.2	0	0	0	0	0	0
5/24/2023 0:28	47401 PENS_T1	0	1	1	0	0.1	0.1	0.81	0.72	0	0	0	0	0	0
5/24/2023 0:28	45702 LIND_T2	1	1	0	1.4	1.9	0.5	0	0	0	0	0	0	0	0
5/24/2023 0:28	42001 MNVL_T2	0	0	0	0	0	0	-0.11	-0.11	0	0	0	0	0	0
5/24/2023 0:28	42002 MNVL_T2	1	1	0	3.2	0	-3.2	-0.11	-0.13	0	0	0	0	0	0
5/24/2023 0:28	40902 JESH_T1	0	0	0	0	0	0	-0.56	-0.56	1	1	0	600	600	0
5/24/2023 0:28	11104 EGYP_T1	0	0	0	0	0	0	0.4	0.36	0	0	0	0	0	0
5/24/2023 0:28	27502 WEIS_T2	0	0	0	0	0	0	-0.25	-0.39	0	0	0	0	0	0
5/24/2023 0:28	48901 FOSP_T2	0	0	0	0	0	0	-0.88	-0.88	2	2	0	1200	1200	0
5/24/2023 0:28	42802 SELI_T1	1	1	0	1	1.2	0.2	-0.18	-0.28	0	0	0	0	0	0
5/24/2023 0:28	56802 BENV_T2	1	1	0	0.5	0.2	-0.3	-1.56	-1.58	0	0	0	0	0	0
5/24/2023 0:28	67502 WEWI_T2	0	0	0	0	0	0	-0.64	-0.69	0	0	0	0	0	0
5/24/2023 0:28	28602 BLYT_T2	1	0	-1	0.1	0	-0.1	0	0	0	0	0	0	0	0
5/24/2023 0:28	42902 MIDD_T2	3	26	23	0.53	0.25	-0.28	-0.51	-0.53	0	0	0	0	0	0
5/24/2023 0:28	44901 SCOT_T2	0	0	0	0	0	0	0.06	0.08	0	0	0	0	0	0
5/24/2023 0:28	20401 ASHF_T2	5	6	1	0.22	0.2	-0.02	0	0	0	0	0	0	0	0
5/24/2023 0:28	15001 BLMO_T1	3	3	0	0.1	0.2	0.1	0	0	0	0	0	0	0	0
5/24/2023 0:28	42701 AUGU_T1	1	1	0	1.1	1.1	0	0	0	6	6	0	5400	5400	0
5/24/2023 0:28	29402 BELT_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
5/24/2023 0:28	14801 TREI_T2	0	0	0	0	0	0	0.2	0.18	0	0	0	0	0	0
5/24/2023 0:28	40101 HUNT_T2	16	26	10	0.26	0.2	-0.06	-0.67	-0.7	0	0	0	0	0	0
5/24/2023 0:28	67502 WEWI_T2	0	0	0	0	0	0	-0.64	-0.69	0	0	0	0	0	0
5/24/2023 0:28	41801 GOCI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
5/24/2023 0:28	10805 CHHI_T2	1	1	0	8.4	8.3	-0.1	-0.85	-0.84	0	0	0	0	0	0
5/24/2023 0:28	59101 WALK_T2	0	0	0	0	0	0	1.34	1.36	0	0	0	0	0	0
5/24/2023 0:28	56801 BENV_T1	21	28	7	0.42	1.18	0.76	-0.9	-0.92	0	1	1	0	600	600
5/24/2023 0:28	40502 CRES_T2	0	0	0	0	0	0	1.26	1.2	0	0	0	0	0	0
5/24/2023 0:30	66505 SMAN_T2	3	3	0	0.93	0.73	-0.2	-0.38	-0.45	1	1	0	900	900	0
5/24/2023 0:33	52401 GRPA_T2	0	0	0	0	0	0	-0.36	-0.38	0	0	0	0	0	0
5/24/2023 0:34	53501 EVIL_T2	20	20	0	1.43	1.5	0.07	-0.83	-0.82	0	0	0	0	0	0
5/24/2023 0:35	42001 MNVL_T2	0	0	0	0	0	0	-0.11	-0.12	0	0	0	0	0	0
5/24/2023 0:36	20401 ASHF_T2	6	3	-3	0.2	0.23	0.03	0	0	0	0	0	0	0	0
5/24/2023 0:36	11101 EGYP_T1	0	1	1	0	4.2	4.2	0	0	0	0	0	0	0	0
5/24/2023 0:36	60101 COCA_T1	0	0	0	0	0	0	0.11	0.11	0	0	0	0	0	0
5/24/2023 0:37	47401 PENS_T1	0	17	17	0	0.18	0.18	0.72	0.72	0	0	0	0	0	0
5/24/2023 0:37	40502 CRES_T2	0	0	0	0	0	0	0.4	0.41	0	0	0	0	0	0
5/24/2023 0:37	56801 BENV_T1	26	28	2	0.96	1.19	0.23	-0.92	-0.94	1	1	0	600	600	0
5/24/2023 0:38	15001 BLMO_T1	3	3	0	0.2	0.2	0	0	0	0	0	0	0	0	0
5/24/2023 0:38	67503 WEWI_T2	0	0	0	0	0	0	-0.34	-0.34	0	0	0	0	0	0
5/24/2023 0:39	28604 BLYT_T2	0	0	0	0	0	0	-1.4	-1.4	0	0	0	0	0	0
5/24/2023 0:39	14801 TREI_T2	0	0	0	0	0	0	0.18	0.18	0	0	0	0	0	0
5/24/2023 0:39	29402 BELT_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
5/24/2023 0:39	64802 MONE_T2	0	0	0	0	0	0	0.12	0.14	0	0	0	0	0	0
5/24/2023 0:41	42802 SELI_T1	1	1	0	1.1	1.3	0.2	-0.14	-0.14	0	0	0	0	0	0
5/24/2023 0:42	20401 ASHF_T2	6	3	-3	0.2	0.23	0.03	0	0	0	0	0	0	0	0
5/24/2023 0:42	47402 PENS_T1	1	1	0	0.5	0.7	0.2	0	0	0	0	0	0	0	0
5/24/2023 0:42	40502 CRES_T2	0	0	0	0	0	0	0.4	0.41	0	0	0	0	0	0
5/24/2023 0:42	15001 BLMO_T1	3	3	0	0.2	0.2	0	0	0	0	0	0	0	0	0
5/24/2023 0:43	42701 AUGU_T1	1	1	0	1.1	1	-0.1	0	0	4	4	0	3600	3600	0
5/24/2023 0:45	42802 SELI_T1	1	1	0	1.2	1.3	0.1	-0.14	-0.14	0	0	0	0	0	0
5/24/2023 0:45	67502 WEWI_T2	1	0	-1	1	0	-1	0	0	0	0	0	0	0	0
5/24/2023 0:46	45702 LIND_T2	1	1	0	1.9	2.2	0.3	0	0	0	0	0	0	0	0
5/24/2023 0:46	53501 EVIL_T2	20	21	1	1.25	1.49	0.24	-0.83	-0.82	0	0	0	0	0	0
5/24/2023 0:46	56802 BENV_T2	1	1	0	0.1	0.7	0.6	-0.79	-1.47	0	0	0	0	0	0
5/24/2023 0:47	66505 SMAN_T2	3	3	0	0.73	0.13	-0.6	-0.45	-0.23	1	1	0	900	900	0
5/24/2023 0:48	42201 SHEN_T2	0	0	0	0	0	0	0.59	0.59	0	0	0	0	0	0
5/24/2023 0:48	42701 AUGU_T1	1	1	0	1	0.8	-0.2	0	0	2	2	0	1800	1800	0
5/24/2023 0:48	56802 BENV_T2	1	1	0	0.1	0.7	0.6	-0.79	-1.47	0	0	0	0	0	0
5/24/2023 0:48	27502 WEIS_T2	0	0	0	0	0	0	-0.39	-0.37	0	0	0	0	0	0
5/24/2023 0:49	15001 BLMO_T1	3	4	1	0.2	0.2	0	0	0	0	0	0	0	0	0
5/24/2023 0:49	53502 EVIL_T2	1	1	0	0.2	0.4	0.2	0	0	0	0	0	0	0	0
5/24/2023 0:50	52403 GRPA_T2	2	2	0	0.95	0.85	-0.1	0	0	0	0	0	0	0	0
5/24/2023 0:50	67502 WEWI_T2	1	0	-1	1	0	-1	-0.7	-0.67	0	0	0	0	0	0
5/24/2023 0:50	41801 GOCI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
5/24/2023 0:51	29402 BELT_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
5/24/2023 0:51	56802 BENV_T2	1	1	0	0.1	0.7	0.6	-1.47	-1.47	0	0	0	0	0	0
5/24/2023 0:51	52403 GRPA_T2	2	2	0	0.95	0.85	-0.1	-0.2	-0.2	0	0	0	0	0	0
5/24/2023 0:51	42002 MNVL_T2	0	0	0	0	0	0	-0.15	-0.15	0	0	0	0	0	0
5/24/2023 0:52	40502 CRES_T2	0	0	0	0	0	0	0.41	0.39	0	0	0	0	0	0
5/24/2023 0:52	40902 JESH_T1	0	0	0	0	0	0	-0.56	-0.54	1	1	0	600	600	0
5/24/2023 0:52	59101 WALK_T2	0	0	0	0	0	0	0.82	0.83	0	0	0	0	0	0
5/24/2023 0:52	42902 MIDD_T2	2	2	0	0.75	0.8	0.05	0	0	0	0	0	0	0	0
5/24/2023 0:52	10805 CHHI_T2	1	1	0	8.4	8.2	-0.2	-0.87	-0.9	0	0	0	0	0	0
5/24/2023 0:52	40101 HUNT_T2	4	27	23	0.45	0.21	-0.24	-0.66	-0.68	0	0	0	0	0	0
5/24/2023 0:52	48901 FOSP_T2	0	0	0	0	0	0	-0.48	-0.48	1	1	0	600	600	0
5/24/2023 0:53	52401 GRPA_T2	0	0	0	0	0	0	-0.37	-0.37	0	0	0	0	0	0
5/24/2023 0:57	44901 SCOT_T2	0	0	0	0	0	0	-0.09	0	0	0	0	0	0	0
5/24/2023 1:27	48901 FOSP_T2	0	0	0	0	0	0	-0.49	-0.49	1	1	0	600	600	0
5/24/2023 1:30	59101 WALK_T2	0	0	0	0	0	0	0.87	0.99	0	0	0	0	0	0
5/24/2023 1:32	59101 WALK_T2	0	0	0	0	0	0	0.87	0.99	0	0	0	0	0	0
5/24/2023 3:30	66505 SMAN_T2	0	2	2	0	0.25	0.25	-0.44	-0.32	1	1	0	900	900	0
5/24/2023 3:30	59101 WALK_T2	0	0	0	0	0	0	1.01	0.72	0	0	0	0	0	0
5/24/2023 3:48	66505 SMAN_T2	1	1	0	0.1	0.25	0.15	-0.32	-0.44	1	1	0	900	900	0
5/24/2023 5:50	66505 SMAN_T2	0	0	0	0	0	0	-0.01	0	1	1	0	900	900	0
5/24/2023 10:00	52401 GRPA_T2	1	0	-1	0.1	0	-0.1	-0.46	-0.48	0	0	0	0	0	0
5/24/2023 10:00	52503 PROG_T2	0	0	0	0	0	0	-0.66	-0.66	1	1	0	900	900	0
5/24/2023 10:00	67502 WEWI_T2	1	3	2	0.7	0.33	-0.37	-0.24	-0.21	0	0	0	0	0	0
5/24/2023 10:00	27502 WEIS_T2	0	0	0	0	0	0	-0.46	-0.44	0	0	0	0	0	0
5/24/2023 10:00	42201 SHEN_T2	0	0	0	0	0	0	0.69	0.76	0	0	0	0	0	0
5/24/2023 10:00	67605 WARW_T1	4	3	-1	0.13	0.6	0.47	0	0	0	0	0	0	0	0
5/24/2023 10:00	66501 SMAN_T2	0	1	1	0	0.2	0.2	0	0	0	0	0	0	0	0
5/24/2023 10:00	44802 EDAN_T2	0	0	0	0	0	0	-1.7	-1.56	1	1	0	1200	1200	0
5/24/2023 10:00	47403 PENS_T1	1	1	0	1.4	1.7	0.3	0	0	0	0	0	0	0	0
5/24/2023 10:00	40901 JESH_T1	1	1	0	0.4	0.4	0	0	0	0	0	0	0	0	0
5/24/2023 10:00	52503 PROG_T2	0	0	0	0	0	0	-0.66	-0.66	1	1	0	900	900	0
5/24/2023 10:00	64801 MONE_T2	1	1	0	0.1	0.3	0.2	0.22	0.25	0	0	0	0	0	0
5/24/2023 10:00	56801 BENV_T1	34	31	-3	0.6	0.38	-0.22	-0.14	-0.13	0	0	0	0	0	0
5/24/2023 10:00	28604 BLYT_T2	0	1	1	0	0.1	0.1	-1.39	-1.39	0	0	0	0	0	0
5/24/2023 10:00	52401 GRPA_T2	1	0	-1	0.1	0	-0.1	-0.46	-0.48	0	0	0	0	0	0
5/24/2023 10:00	42902 MIDD_T2	0	2	2	0	0.1	0.1	-0.55	-0.57	1	1	0	600	600	0
5/24/2023 10:00	44901 SCOT_T2	0	0	0	0	0	0	0.29	0.41	0	0	0	0	0	0
5/24/2023 10:00	67502 WEWI_T2	1	3	2	0.7	0.33	-0.37	-0.24	-0.21	0	0	0	0	0	0
5/24/2023 10:00	42701 AUGU_T1	1	2	1	0.5	0.25	-0.25	0	0	6	6	0	5400	5400	0
5/24/2023 10:00	41801 GOCI_T2	38	63	25	0.25	0.28	0.03	0	0	0	0	0	0	0	0
5/24/2023 10:00	15001 BLMO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
5/24/2023 10:00	56601 HAMP_T1	0	0	0	0	0	0	-0.12	-0.05	0	0	0	0	0	0
5/24/2023 10:00	40101 HUNT_T2	0	0	0	0	0	0	-0.42	-0.41	0	0	0	0	0	0
5/24/2023 10:00	26401 INOR_T1	1	1	0	0	0	0	0	0	0	0	0	0	0	0
5/24/2023 10:00	12605 MACA_T1	1	1	0	0.2	0.4	0.2	0	0	0	0	0	0	0	0
5/24/2023 10:00	59102 WALK_T2	0	0	-1	0.5	0	-0.5	0	0	0	0	0	0	0	0
5/24/2023 10:00	56802 BENV_T2	77	50	-27	0.18	0.25	0.07	-1.98	-1.86	0	0	0	0	0	0
5/24/2023 10:00	42001 MNVL_T2	2	2	0	0.2	0.1	-0.1	0.11	0.05	0	0	0	0	0	0
5/24/2023 10:00	64802 MONE_T2	1	1	0	0.1	0.4	0.3	0.31	0.3	0	0	0	0	0	0
5/24/2023 10:00	45702 LIND_T2	1	1	0	1	1	0	0	0	0	0	0	0	0	0
5/24/2023 10:00	14802 TREI_T2	2	2	0	0.55	0.75	0.2	0	0	0	0	0	0	0	0
5/24/2023 10:00	42002 MNVL_T2	1	1	0	5.2	5.2	0	0.82	0.78	0	0	0	0	0	0
5/24/2023 10:00	29402 BELT_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
5/24/2023 10:00	40502 CRES_T2	0	0	0	0	0	0	1.65	1.8	0	0	0	0	0	0
5/24/2023 10:00	42601 TUSC_T1	3	0	-3	0.67	0	-0.67	0	0	2	2	0	1200	1200	0
5/24/2023 10:00	10805 CHHI_T2	1	1	0	7.9	8.2	0.3	-1.32	-1.23	2	2	0	1800	1800	0
5/24/2023 10:00	11104 EGYP_T1	0	0	0	0	0	0	0.57	0.66	0	0	0	0	0	0
5/24/2023 10:00	20403 ASHF_T2	4	8	4	0.4	0.41	0.01	2.5	2.61	0	0	0	0	0	0
5/24/2023 10:00	53501 EVIL_T2	4	4	0	0.73	0.3	-0.43	-0.71	-0.33	3	3	0	1800	1800	0
5/24/2023 10:00	67204 TEXI_T2	1	1	0	0.1	0.2	0.1	-0.04	-0.07	0	0	0	0	0	0
5/24/2023 10:00	45003 LIME_2	1	1	0	1.9	2.1	0.2	0	0	1	1	0	1200	1200	0
5/24/2023 10:00	42802 SELI_T1	1	1	0	0.4	0.2	-0.2	-1.46	-1.25	2	2	0	1800	1800	0
5/24/2023 10:00	48901 FOSP_T2	0	0	0	0	0	0	-0.02	-0.08	2	2	0	1200	1200	0
5/24/2023 11:21	20402 ASHF_T2	2	3	1	0.2	0.4	0.2	0	0	0	0	0	0	0	0

Appendix C - Grid Benefits Achieved in Each Instance of Active Management

5/25/2023 0:28	66505 SMAN_T2	3	3	0	0.87	1.27	0.4	-0.31	-0.35	1	1	0	900	900	0
5/25/2023 0:28	40902 JESH_T1	0	0	0	0	0	0	-0.55	-0.57	1	1	0	600	600	0
5/25/2023 0:28	28604 BLYT_T2	0	0	0	0	0	0	-1.47	-1.45	0	0	0	0	0	0
5/25/2023 0:28	44502 HAMI_T2	1	1	0	3.6	4	0.4	-1.09	-1.08	0	0	0	0	0	0
5/25/2023 0:28	48902 FOSP_T2	0	0	0	0	0	0	-0.34	-0.36	0	0	0	0	0	0
5/25/2023 0:28	56802 BENV_T2	1	1	0	0.7	0.7	0	-4.05	-4.1	0	0	0	0	0	0
5/25/2023 0:28	12401 MILF_T1	0	1	1	0	0.1	0.1	0	0	0	0	0	0	0	0
5/25/2023 0:47	48901 FOSP_T2	0	0	0	0	0	0	-0.45	-0.48	1	1	0	600	600	0
5/25/2023 1:07	45001 LIME_2	181	143	-38	0.29	0.26	-0.03	0	0	0	0	0	0	0	0
5/25/2023 1:35	48901 FOSP_T2	0	0	0	0	0	0	-0.5	-0.49	1	1	0	600	600	0
5/25/2023 1:45	48902 FOSP_T2	0	0	0	0	0	0	-0.38	-0.37	0	0	0	0	0	0
5/25/2023 1:57	11102 EGYP_T1	0	0	0	0	0	0	-0.54	0.29	0	0	0	0	0	0
5/25/2023 2:16	58402 MORO_T1	0	0	0	0	0	0	-0.53	-0.58	1	1	0	600	600	0
5/25/2023 3:08	55101 WERT_T1	0	0	0	0	0	0	-1.71	-1.73	2	2	0	1500	1500	0
5/25/2023 3:20	44502 HAMI_T2	1	1	0	3.9	4	0.1	-1.11	-1.09	0	0	0	0	0	0
5/25/2023 3:27	60101 COCA_T1	0	0	0	0	0	0	0.05	0.1	0	0	0	0	0	0
5/25/2023 3:32	11104 EGYP_T1	0	0	0	0	0	0	0.3	0.3	0	0	0	0	0	0
5/25/2023 4:32	45902 AUBU_T1	0	0	0	0	0	0	-0.47	-0.41	0	0	0	0	0	0
5/25/2023 4:55	52403 GRPA_T2	2	3	1	0.7	0.5	-0.2	-0.18	-0.16	0	0	0	0	0	0
5/25/2023 4:57	48901 FOSP_T2	0	0	0	0	0	0	-0.4	-0.42	1	1	0	600	600	0
5/25/2023 5:04	44801 EDAN_T2	1	1	0	0.3	0.9	0.6	0	0	0	0	0	0	0	0
5/25/2023 5:22	55101 WERT_T1	0	0	0	0	0	0	-1.65	-1.65	2	2	0	1500	1500	0
5/25/2023 5:52	42001 MNVL_T2	0	0	0	0	0	0	-0.14	-0.13	0	0	0	0	0	0
5/25/2023 8:37	48901 FOSP_T2	0	0	0	0	0	0	0	0	1	1	0	600	600	0
5/25/2023 8:45	54502 ENOL_T2	1	1	0	0.7	0.7	0	-2.07	-1.44	0	0	0	0	0	0
5/25/2023 8:47	54505 ENOL_T2	1	1	0	0.6	0.9	0.3	0	0	0	0	0	0	0	0
5/25/2023 8:57	15001 BLMO_T1	0	3	3	0	0.17	0.17	0	0	0	0	0	0	0	0
5/25/2023 9:03	57602 RUTH_T2	2	2	0	0.2	0.3	0.1	-0.01	0.05	0	0	0	0	0	0
5/25/2023 9:04	51604 DUKE_T2	3	11	8	0.3	0.21	-0.09	-1.69	-0.61	1	0	-1	900	0	-900
5/25/2023 9:51	56802 BENV_T2	128	114	-14	0.21	0.2	-0.01	-0.74	-0.7	0	0	0	0	0	0
5/25/2023 10:00	14401 SSLA_T1	1	1	0	0.4	0.8	0.4	0	0	0	0	0	0	0	0
5/25/2023 10:00	12601 MACA_T1	1	1	0	0.4	0.7	0.3	0	0	0	0	0	0	0	0
5/25/2023 10:00	55105 WERT_T1	1	0	-1	0.2	0	-0.2	0	0	0	0	0	0	0	0
5/25/2023 10:00	44504 HAMI_T2	0	2	2	0	0.15	0.15	0	0	0	0	0	0	0	0
5/25/2023 10:00	29401 BELT_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
5/25/2023 10:00	67502 WEWI_T2	10	10	0	0.48	0.44	-0.04	-0.24	-0.26	0	0	0	0	0	0
5/25/2023 10:00	67604 WARW_T1	0	0	0	0	0	0	0.67	0.72	0	0	0	0	0	0
5/25/2023 10:00	66505 SMAN_T2	0	0	0	0	0	0	0.14	0.39	2	2	0	1100	1100	0
5/25/2023 10:00	56802 BENV_T2	111	29	-82	0.2	0.29	0.09	-4.44	-4.2	0	0	0	0	0	0
5/25/2023 10:00	45003 LIME_2	1	1	0	3	3.3	0.3	0	0	1	1	0	1200	1200	0
5/25/2023 10:00	11104 EGYP_T1	0	0	0	0	0	0	1.1	1.12	0	0	0	0	0	0
5/25/2023 10:00	64801 MONE_T2	3	2	-1	0.23	0.25	0.02	0.21	0.22	0	0	0	0	0	0
5/25/2023 10:00	20402 ASHF_T2	4	4	0	0.38	0.48	0.1	0	0	0	0	0	0	0	0
5/25/2023 10:00	40502 CRES_T2	0	0	0	0	0	0	0.6	0.6	0	0	0	0	0	0
5/25/2023 10:00	16302 ALPA_T2	3	1	-2	0.33	0.3	-0.03	-0.62	-0.64	0	0	0	0	0	0
5/25/2023 10:00	57601 RUTH_T2	1	1	0	0.6	0.6	0	0	0	0	0	0	0	0	0
5/25/2023 10:00	48901 FOSP_T2	0	0	0	0	0	0	0	-0.03	3	3	0	1800	1800	0
5/25/2023 10:00	54502 ENOL_T2	2	1	-1	0.45	0.6	0.15	-2.81	-2.8	0	0	0	0	0	0
5/25/2023 10:00	56601 HAMP_T1	0	0	0	0	0	0	-0.09	-0.11	0	0	0	0	0	0
5/25/2023 10:00	11104 EGYP_T1	0	0	0	0	0	0	1.1	1.12	0	0	0	0	0	0
5/25/2023 10:00	52403 GRPA_T2	4	4	0	0.2	0.28	0.08	-0.04	0	0	0	0	0	0	0
5/25/2023 10:00	12402 MILF_T1	1	1	0	1.3	1	-0.3	0	0	0	0	0	0	0	0
5/25/2023 10:00	58401 MORO_T1	2	1	-1	0.35	0.3	-0.05	0	0	0	0	0	0	0	0
5/25/2023 10:00	44801 EDAN_T2	2	2	0	1.35	0.15	-1.2	0	0	0	0	0	0	0	0
5/25/2023 10:00	48901 FOSP_T2	0	0	0	0	0	0	0	-0.03	3	3	0	1800	1800	0
5/25/2023 10:00	42002 MNVL_T2	1	1	0	4.3	4.4	0.1	0	0	0	0	0	0	0	0
5/25/2023 10:00	51604 DUKE_T2	1	1	0	0.1	0.2	0.1	-0.61	-0.61	0	0	0	0	0	0
5/25/2023 10:00	45902 AUBU_T1	0	0	0	0	0	0	-1.06	-1.17	2	2	0	1200	1200	0
5/25/2023 10:00	57304 MOAI_T2	1	1	0	0.8	0.5	-0.3	-0.43	-0.41	0	0	0	0	0	0
5/25/2023 10:00	10805 CHHI_T2	4	3	-1	2.05	2.73	0.68	-1.39	-1.36	2	2	0	1800	1800	0
5/25/2023 10:00	42201 SHEN_T2	0	0	0	0	0	0	1.44	1.42	0	0	0	0	0	0
5/25/2023 10:00	60101 COCA_T1	1	0	-1	0.6	0	-0.6	0.3	0.31	0	0	0	0	0	0
5/25/2023 10:00	40901 JESH_T1	1	1	0	0.2	0.3	0.1	0	0	0	0	0	0	0	0
5/25/2023 10:00	28604 BLYT_T2	3	1	-2	0.17	0.1	-0.07	-1.39	-1.41	0	0	0	0	0	0
5/25/2023 10:00	43402 BENT_T1	23	93	70	0.34	0.58	0.24	-0.69	-0.68	1	1	0	900	900	0
5/25/2023 10:00	24101 EHAZ_T1	2	2	0	0.8	1.3	0.5	0.31	0.23	2	2	0	1200	1200	0
5/25/2023 10:00	12701 MACU_T1	0	0	0	0	0	0	0.05	0.04	0	0	0	0	0	0
5/25/2023 10:00	29402 BELT_T1	3	2	-1	0.37	0.4	0.03	0	0	0	0	0	0	0	0
5/25/2023 10:00	52502 PROG_T2	1	5	4	0.2	0.38	0.18	0	0	0	0	0	0	0	0
5/25/2023 10:00	15001 BLMO_T1	1	1	0	0.2	0.2	0	0	0	0	0	0	0	0	0
5/25/2023 10:00	42701 AUGU_T1	1	2	1	0.1	6.5	6.4	0	0	1	1	0	600	600	0
5/25/2023 11:02	61402 SLIT_T1	0	1	1	0	0.3	0.3	0	0	0	0	0	0	0	0
5/25/2023 11:24	67503 WEWI_T2	1	1	0	0.2	0.1	-0.1	-0.23	-0.23	0	0	0	0	0	0
5/25/2023 11:24	56802 BENV_T2	460	268	-192	0.25	0.2	-0.05	-0.68	-0.7	0	0	0	0	0	0
5/25/2023 11:24	53501 EVIL_T2	7	9	2	0.76	0.87	0.11	0.16	0.18	1	1	0	600	600	0
5/25/2023 11:24	54504 ENOL_T2	2	2	0	1	0.65	-0.35	0	0	0	0	0	0	0	0
5/25/2023 11:38	52502 PROG_T2	6	6	0	0.4	0.38	-0.02	-0.69	-0.69	1	1	0	900	900	0
5/25/2023 11:43	15001 BLMO_T1	1	1	0	0.1	0.2	0.1	0	0	0	0	0	0	0	0
5/25/2023 11:45	54502 ENOL_T2	1	2	1	0.2	0.25	0.05	0	0	0	0	0	0	0	0
5/25/2023 14:34	24902 WHHA_T1	1	1	0	1.1	0.4	-0.7	0	0	0	0	0	0	0	0
5/25/2023 14:41	45902 AUBU_T1	1	2	1	0.2	0.4	0.2	-0.68	-0.75	1	1	0	600	600	0
5/25/2023 14:43	41802 GOCI_T2	1	1	0	0.4	0.4	0	0	0	0	0	0	0	0	0
5/25/2023 14:46	20403 ASHF_T2	8	8	0	0.56	0.66	0.1	1.15	1.01	0	0	0	0	0	0
5/25/2023 15:07	66504 SMAN_T2	4	3	-1	0.5	0.47	-0.03	0	0	0	0	0	0	0	0
5/25/2023 15:20	52402 GRPA_T2	7	5	-2	0.17	0.24	0.07	0	0	0	0	0	0	0	0
5/25/2023 15:27	54501 ENOL_T2	0	0	0	0	0	0	0.12	0.14	0	0	0	0	0	0
5/25/2023 15:33	52502 PROG_T2	0	0	0	0	0	0	-0.62	-0.62	1	1	0	900	900	0
5/25/2023 16:09	60803 BUCK_T1	0	0	0	0	0	0	-0.75	-0.76	1	1	0	600	600	0
5/25/2023 16:15	41902 REED_T1	0	0	0	0	0	0	1.15	1.21	0	0	0	0	0	0
5/25/2023 16:16	56801 BENV_T1	3	3	0	0.27	0.33	0.06	-0.1	-0.09	0	0	0	0	0	0
5/25/2023 16:17	29402 BELT_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
5/25/2023 16:17	16302 ALPA_T2	0	0	0	0	0	0	-0.45	-0.43	0	0	0	0	0	0
5/25/2023 16:18	67502 WEWI_T2	2	1	-1	0.45	0.4	-0.05	-0.21	-0.18	0	0	0	0	0	0
5/25/2023 16:22	41601 CLEV_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
5/25/2023 16:22	40502 CRES_T2	0	0	0	0	0	0	0.63	0.65	0	0	0	0	0	0
5/25/2023 16:25	56801 BENV_T1	3	3	0	0.27	0.33	0.06	-0.09	-0.07	0	0	0	0	0	0
5/25/2023 16:25	52502 PROG_T2	0	0	0	0	0	0	-0.63	-0.6	1	1	0	900	900	0
5/25/2023 16:26	65604 QVIL_T2	0	0	0	0	0	0	0.29	0.33	0	0	0	0	0	0
5/25/2023 16:26	45003 LIME_2	1	1	0	4.2	4.4	0.2	0	0	1	1	0	1200	1200	0
5/25/2023 16:27	64802 MONE_T2	2	2	0	0.3	0.2	-0.1	0.21	0.2	0	0	0	0	0	0
5/25/2023 16:27	56801 BENV_T1	3	3	0	0.27	0.33	0.06	-0.09	-0.07	0	0	0	0	0	0
5/25/2023 16:27	57602 RUTH_T2	0	0	0	0	0	0	0.18	0.21	0	0	0	0	0	0
5/25/2023 16:28	10805 CHHI_T2	1	1	0	7.8	7.5	-0.3	-1.21	-1.22	1	1	0	600	600	0
5/25/2023 16:29	28602 BLYT_T2	0	2	2	0	0.15	0.15	0	0	0	0	0	0	0	0
5/25/2023 16:29	66703 STRA_T1	0	0	0	0	0	0	0.09	0.02	0	0	0	0	0	0
5/25/2023 16:29	40502 CRES_T2	0	0	0	0	0	0	0.63	0.65	0	0	0	0	0	0
5/25/2023 16:29	15001 BLMO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
5/25/2023 16:30	56801 BENV_T1	3	1	-2	0.33	0.4	0.07	-0.09	-0.07	0	0	0	0	0	0
5/25/2023 16:32	65604 QVIL_T2	0	0	0	0	0	0	0.29	0.33	0	0	0	0	0	0
5/25/2023 16:32	26401 INOR_T1	40	38	-2	0.18	0.17	-0.01	0	0	0	0	0	0	0	0
5/25/2023 16:35	44802 EDAN_T2	0	0	0	0	0	0	-1.64	-1.66	1	1	0	1200	1200	0
5/25/2023 16:35	52402 GRPA_T2	3	3	0	0.17	0.33	0.16	0	0	0	0	0	0	0	0
5/25/2023 16:38	67502 WEWI_T2	1	3	2	0.2	0.23	0.03	0	0	0	0	0	0	0	0
5/25/2023 16:38	60801 BUCK_T1	166	185	19	0.62	1.04	0.42	0	0	0	0	0	0	0	0
5/25/2023 16:38	56801 BENV_T1	3	1	-2	0.33	0.4	0.07	-0.07	-0.04	0	0	0	0	0	0
5/25/2023 16:38	57601 RUTH_T2	0	0	0	0	0	0	-0.6	-0.59	0	0	0	0	0	0
5/25/2023 16:39	15001 BLMO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
5/25/2023 16:39	65604 QVIL_T2	0	0	0	0	0	0	0.33	0.35	0	0	0	0	0	0
5/25/2023 16:40	65003 NEFF_T2	1	1	0	0.3	0.5	0.2	0	0	0	0	0	0	0	0
5/25/2023 16:40	15001 BLMO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
5/25/2023 16:41	59402 RFLD_T2	2	8	6	0.15	0.25	0.1	-1.68	-0.78	1	1	0	450	450	0
5/25/2023 16:45	67503 WEWI_T2	0	0	0	0	0	0	-0.08	0	0	0	0	0	0	0
5/25/2023 16:45	65604 QVIL_T2	0	0	0	0	0	0	0.33	0.35	0	0	0	0	0	0
5/25/2023 16:46	40101 HUNT_T2	0	0	0	0	0	0	-0.48	-0.53	0	0	0	0	0	0
5/25/2023 16:48	56802 BENV_T2	1	1	0	0.8	1.2	0.4	-0.6	-0.61	0	0	0	0	0	0
5/25/2023 16:49	58402 MORO_T1	0	0	0	0	0	0	-0.94	-0.96	2	2	0	1500	1500	0
5/25/2023 16:50	64202 KINZ_T1	3	2	-1	0.77	0.2	-0.57	0	0	0	0	0	0	0	0
5/25/2023 16:51	40603 PIGR_T1	0	0	0	0	0	0	0.41	0.43	0	0	0	0	0	0
5/25/2023 16:51	56801 BENV_T1	1	6	5	0.4	0.15	-0.25	-0.04	-0.06	0	0	0	0	0	0
5/25/2023 16:54	66303 MCGO_T2	1	1	0	0.5	0.9	0.4	0	0	0	0	0	0	0	0
5/25/2023 16:57	12401 MILF_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
5/25/2023 17:17	56802 BENV_T2	1	1	0	1.2	1.1	-0.1	-0.56	-0.58	0	0	0	0	0	0
5/25/2023 17:26	56802 BENV_T2	1	1	0	1.2	1.1	-0.1	-0.58	-0.55	0	0	0	0	0	0
5/25/2023 17:30	53501 EVIL_T2	6	3	-3	0.4	0.2	-0.2	-0.03	-0.41	0	0	0	0	0	0
5/25/2023 17:35	53501 EVIL_T2	6	3	-3	0.4	0.2	-0.2	-0.41	-0.51	0	0	0	0	0	0
5/25/2023 17:57	57602 RUTH_T2	0	0	0	0	0	0	0.19	0.18	0	0	0	0	0	0
5/25/2023 18:33	15001 BLMO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
5/25/2023 18:55	47401 PENS_T1	0	0	0	0	0	0	0.89	0.8	0	0	0	0	0	0
5/25/2023 18:56	45702 LIND_T2	1	1	0	0.8	1	0.2	0	0	0	0	0	0	0	0
5/25/2023 19:19	42601 TUSC_T1	0	0	0	0	0	0	0	0	1	1	0	600	600	0
5/25/2023 19:43	56801 BENV_T1	19	26	7	0.57	0.5	-0.07	-0.74	-0.73	1	1	0	600	600	0
5/25/2023 20:59	44802 EDAN_T2	0	0	0	0	0	0	-1.77	-1.74	1	1	0	1200	1200	0
5/25/2023 21:09	67503 WEWI_T2	0	0	0	0	0	0	-0.23	-0.24	0	0	0	0	0	0
5/25/2023 21:12	67503 WEWI_T2	0	0	0	0	0	0	-0.23	-0.24	0	0	0	0	0	0
5/25/2023 21:40	40502 CRES_T2	4	17	13	0.25	0.31	0.06	0.51	0.49	0	0	0	0	0	0
5/25/2023 21:56	16302 ALPA_T2	0	0	0	0	0	0	0.58	0.6	0	0	0	0	0	0
5/25/2023 22:02	29401 BELT_T1	4	0	-4	0.13	0	-0.13	0	0	0	0	0	0	0	0
5/25/2023 22:12	10805 CHHI_T2	1	1	0	7.9	7.9	0	-0.86	-0.87	0	0	0	0	0	0
5/25/2023 22:16	57602 RUTH_T2	2	2	0	0.9	0.5	-0.4	0.09	0.08	0	0	0	0	0	0
5/25/2023 22:16	67503 WEWI_T2	113	42	-71	0.19	0.15	-0.04	-0.45	-0.57	0	0	0	0	0	0
5/25/2023 22:24	24901 WHHA_T1	0	1	1	0	2.5	2.5	0.44	0.42	0	0	0	0	0	0
5/25/2023 22:32	15001 BLMO_T1	0	3	3	0	0.23	0.23	0	0	0	0	0	0	0	0
5/25/2023 22:37	26401 INOR_T1	1	47	46	0	0.26	0.26	0	0	0	0	0	0	0	0
5/26/2023 0:28	66302 MCGO_T2	0	22	22	0	0.1	0.1	-0.98	-1.1	0	0	0	0	0	0
5/26/2023 0:28	60801 BUCK_T1	183	185	2	0.62	0.68	0.06	0	0	0	0	0	0	0	0
5/26/2023 0:28	57602 RUTH_T2	0	2	2	0	0.25	0.25	-0.06	-0.07	0	0	0	0	0	0
5/26/2023 0:28	47401 PENS_T1	0	0	0	0	0	0	0.49	0.47	0	0	0	0	0	0
5/26/2023 0:28	26402 INOR_T1	184	201	17	0.33	0.35	0.02	-0.55	-0.54	0	0	0	0	0	0
5/26/2023 0:28	41601 CLEV_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
5/26/2023 0:28	56801 BENV_T1	25	29	4	0.42	1.02	0.6	-1.4	-4.75	0	5	5	0	3000	3000
5/26/2023 0:28	40502 CRES_T2	0	0	0	0	0	0	0.33	0.31	0	0	0	0	0	0
5/26/2023 0:28	64202 KINZ_T1	3	4	1	1.3	0.83	-0.47	0	0	0	0	0	0	0	0
5/26/2023 0:28	41801 GOCI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
5/26/2023 0:28	52403 GRPA_T2	2	2	0	1	0.8	-0.2	-0.26	-0.26	0	0	0	0	0	0
5/26/2023 0:28	45001 LIME_2	31	22	-9	0.37	0.24	-0.13	0	0	0	0	0	0	0	0
5/26/2023 0:28	15001 BLMO_T1	0	3	3	0	0.2	0.2	0	0	0	0	0	0	0	0
5/26/2023 0:28	58402 MORO_T1	0	0	0	0	0	0	-0.54	-0.55	1	1	0	600	600	0
5/26/2023 0:28	67503 WEWI_T2	0	0	0	0	0	0	-1.19	-1.25	0	0	0	0	0	0
5/26/2023 0:28	28602 BLYT_T2	1	1	0	0.2	0.5	0.3	0	0	0	0	0	0	0	0
5/26/2023 0:28	66703 STRA_T1	45	84	39	0.18	0.18	0	-0.5	-0.53	0	0	0	0	0	0
5/26/2023 0:28	24901 WHHA_T1	0	0	0	0	0	0	0.36	0.36	0	0	0	0	0	0
5/26/2023 0:28	41902 REED_T1	0	0	0	0	0	0	0.88	0.97	0	0	0	0	0	0
5/26/2023 0:28	64802 MONE_T2	0	0	0	0	0	0	0.11	0.11	0	0	0	0	0	0
5/26/2023 0:28	20403 ASHF_T2	0	0	0	0	0	0	-0.05	-0.05	0	0	0	0	0	0
5/26/2023 0:28	59402 RFLD_T2	0	1	1	0	0	0	-0.9	-0.9	1	0	-1	450	0	-450
5/26/2023 0:28	42601 TUSC_T1	0	0	0	0	0	0	0	0	1	0	-1	600	0	-600
5/26/2023 0:28	52502 PROG_T2	0	0	0	0	0	0	-2.41	-2.43	3	3	0	2700	2700	0
5/26/2023 0:28	45902 AUBU_T1	0	0	0	0	0	0	-0.85	-0.89

Appendix C - Grid Benefits Achieved in Each Instance of Active Management

5/26/2023 10:00	64204 KINZ_T1	1	2	1	0.5	0.4	-0.1	0	0	0	0	0	0	0
5/26/2023 10:00	15001 BLMO_T1	1	1	0	0.1	0.1	0	0	0	0	0	0	0	0
5/26/2023 10:00	59402 RFLD_T2	0	1	1	0	0.1	0.1	-1.04	-0.98	1	1	0	450	450	0
5/26/2023 10:00	54504 ENOL_T2	1	2	1	0.8	0.8	0	0	0	0	0	0	0	0	0
5/26/2023 10:00	12403 MILF_T1	1	2	1	2	1.35	-0.65	0	0	0	0	0	0	0	0
5/26/2023 10:00	53501 EVIL_T2	1	5	4	0.4	0.4	0	0.61	0.67	0	0	0	0	0	0
5/26/2023 10:00	66701 STRA_T1	1	1	0	0.9	1.1	0.2	0	0	0	0	0	0	0	0
5/26/2023 10:00	29401 BELT_T1	17	28	11	0.14	0.19	0.05	0	0	0	0	0	0	0	0
5/26/2023 10:00	56801 BENV_T1	24	33	9	0.56	0.44	-0.12	-1.12	-1.05	0	0	0	0	0	0
5/26/2023 10:00	41601 CLEV_T1	1	1	0	0.5	0.6	0.1	0	0	0	0	0	0	0	0
5/26/2023 10:00	52502 PROG_T2	0	3	3	0	0.27	0.27	-1.45	-1.42	2	2	0	1800	1800	0
5/26/2023 10:00	67604 WARW_T1	0	0	0	0	0	0	0.63	0.59	0	0	0	0	0	0
5/26/2023 10:00	42201 SHEN_T2	0	0	0	0	0	0	0.6	0.62	0	0	0	0	0	0
5/26/2023 10:00	40101 HUNT_T2	1	0	-1	0.2	0	-0.2	-0.09	-0.13	0	0	0	0	0	0
5/26/2023 10:00	44802 EDAN_T2	1	1	0	0.3	0.6	0.3	-1.75	-1.78	1	1	0	1200	1200	0
5/26/2023 10:00	41801 GOCI_T2	18	27	9	0.57	0.44	-0.13	0	0	0	0	0	0	0	0
5/26/2023 10:00	64801 MONE_T2	2	2	0	0.15	0.35	0.2	0.21	0.28	0	0	0	0	0	0
5/26/2023 10:00	60801 BUCK_T1	63	184	121	0.18	0.72	0.54	0	0	0	0	0	0	0	0
5/26/2023 10:00	65604 QVIL_T2	0	1	1	0	0	0	1.24	1.16	0	0	0	0	0	0
5/26/2023 10:00	52403 GRPA_T2	2	6	4	0.15	0.5	0.35	-0.22	-0.24	0	0	0	0	0	0
5/26/2023 10:00	61404 SLIT_T1	0	0	0	0	0	0	-1.01	-1.14	0	0	0	0	0	0
5/26/2023 10:00	42601 TUSC_T1	0	0	0	0	0	0	0	0	2	3	1	1200	2400	1200
5/26/2023 10:00	66302 MCGO_T2	3	364	361	0.2	0.29	0.09	-0.95	-0.65	1	1	0	600	600	0
5/26/2023 10:00	67502 WEWI_T2	2	5	3	0.95	0.46	-0.49	0	0	0	0	0	0	0	0
5/26/2023 10:00	28602 BLYT_T2	0	1	1	0	0.1	0.1	0	0	0	0	0	0	0	0
5/26/2023 10:00	40603 PIGR_T1	0	0	0	0	0	0	0.36	0.35	0	0	0	0	0	0
5/26/2023 10:00	64802 MONE_T2	0	1	1	0	0.6	0.6	0.31	0.31	0	0	0	0	0	0
5/26/2023 10:00	47401 PENS_T1	0	1	1	0	0.1	0.1	0.76	0.77	0	0	0	0	0	0
5/26/2023 10:00	45702 LIND_T2	2	1	-1	0.8	1.2	0.4	-0.36	-0.31	0	0	0	0	0	0
5/26/2023 10:08	16302 ALPA_T2	0	0	0	0	0	0	0.81	0.81	0	0	0	0	0	0
5/26/2023 10:17	14404 SSLA_T1	1	1	0	0.2	0.3	0.1	0	0	0	0	0	0	0	0
5/26/2023 10:28	57602 RUTH_T2	2	2	0	0.5	0.4	-0.1	0.11	0.14	0	0	0	0	0	0
5/26/2023 10:28	45902 AUBU_T1	0	0	0	0	0	0	-0.7	-0.6	1	1	0	600	600	0
5/26/2023 10:32	40901 JESH_T1	1	1	0	0.5	0.3	-0.2	0	0	0	0	0	0	0	0
5/26/2023 10:32	48902 FOSP_T2	0	0	0	0	0	0	0.83	0.13	1	1	0	1200	1200	0
5/26/2023 10:34	67502 WEWI_T2	5	7	2	0.4	0.47	0.07	-0.28	-0.31	0	0	0	0	0	0
5/26/2023 10:38	24901 WHHA_T1	0	0	0	0	0	0	0.9	0.91	0	0	0	0	0	0
5/26/2023 10:38	64101 REFR_T1	0	1	1	0	0.2	0.2	-0.1	-0.11	0	0	0	0	0	0
5/26/2023 10:42	26402 INOR_T1	1	1	0	0.1	0.1	0	-0.97	-0.97	1	1	0	600	600	0
5/26/2023 11:02	63304 GREE_T1	1	1	0	6.9	6.8	-0.1	0	0	0	0	0	0	0	0
5/26/2023 11:05	54502 ENOL_T2	2	2	0	0.55	0.5	-0.05	-2.02	-2.03	1	1	0	600	600	0
5/26/2023 11:16	15001 BLMO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
5/26/2023 11:47	45002 LIME_2	0	1	1	0	0.1	0.1	0	0	0	0	0	0	0	0
5/26/2023 12:04	52502 PROG_T2	5	5	0	0.26	0.32	0.06	-0.66	-0.63	1	1	0	900	900	0
5/26/2023 12:07	54001 SDLE_T1	7	9	2	0.83	0.97	0.14	0	0	0	0	0	0	0	0
5/26/2023 12:37	48901 FOSP_T2	0	0	0	0	0	0	-0.14	-0.29	1	1	0	600	600	0
5/26/2023 12:48	66505 SMAN_T2	0	0	0	0	0	0	0.59	0.85	2	2	0	1100	1100	0
5/26/2023 13:03	54001 SDLE_T1	9	8	-1	0.8	0.83	0.03	0	0	0	0	0	0	0	0
5/26/2023 13:22	48901 FOSP_T2	1	0	-1	8.2	0	-8.2	-0.34	-0.34	1	1	0	600	600	0
5/26/2023 13:44	64101 REFR_T1	2	2	0	0.45	0.45	0	-0.05	-0.04	0	0	0	0	0	0
5/26/2023 13:48	29402 BELT_T1	0	2	2	0	0.2	0.2	0	0	0	0	0	0	0	0
5/26/2023 13:51	66302 MCGO_T2	13	86	73	0.27	0.19	-0.08	-0.93	-0.94	1	1	0	600	600	0
5/26/2023 14:23	28604 BLYT_T2	0	0	0	0	0	0	-1.32	-1.33	0	0	0	0	0	0
5/26/2023 14:39	48901 FOSP_T2	0	0	0	0	0	0	-0.4	-0.41	1	1	0	600	600	0
5/26/2023 14:39	41901 REED_T1	0	0	0	0	0	0	-1.53	-1.57	1	1	0	900	900	0
5/26/2023 14:39	14802 TREI_T2	18	27	9	0.36	0.44	0.08	0	0	0	0	0	0	0	0
5/26/2023 14:39	44801 EDAN_T2	1	1	0	0.1	0.5	0.4	0	0	0	0	0	0	0	0
5/26/2023 14:39	29402 BELT_T1	1	0	-1	0.2	0	-0.2	0	0	0	0	0	0	0	0
5/26/2023 14:39	66302 MCGO_T2	40	1	-39	0.2	0.2	0	-1.28	-1.2	1	1	0	600	600	0
5/26/2023 14:39	29402 BELT_T1	1	0	-1	0.2	0	-0.2	0	0	0	0	0	0	0	0
5/26/2023 14:39	53501 EVIL_T2	18	20	2	0.78	1.14	0.36	-0.59	-0.63	0	0	0	0	0	0
5/26/2023 14:39	60803 BUCK_T1	0	0	0	0	0	0	-0.83	-0.78	1	1	0	600	600	0
5/26/2023 14:39	67502 WEWI_T2	7	8	1	0.34	0.43	0.09	0	0	0	0	0	0	0	0
5/26/2023 14:39	42201 SHEN_T2	2	2	0	0.95	1.25	0.3	0.69	0.7	0	0	0	0	0	0
5/26/2023 14:39	15001 BLMO_T1	2	2	0	0.25	0.35	0.1	0	0	0	0	0	0	0	0
5/26/2023 14:39	42802 SELI_T1	1	1	0	0.3	0.4	0.1	-0.67	-0.68	1	1	0	900	900	0
5/26/2023 14:39	64303 LINC_T1	1	1	0	0.1	0.2	0.1	0	0	0	0	0	0	0	0
5/26/2023 14:39	40502 CRES_T2	0	0	0	0	0	0	0.66	0.6	0	0	0	0	0	0
5/26/2023 14:39	56803 BENV_T1	3	4	1	0.43	0.53	0.1	0	0	0	0	0	0	0	0
5/26/2023 14:39	56802 BENV_T2	6	8	2	0.42	0.38	-0.04	-1.18	-1.06	0	0	0	0	0	0
5/26/2023 14:39	52502 PROG_T2	0	2	2	0	0.25	0.25	-0.6	-0.59	1	1	0	900	900	0
5/26/2023 14:43	67502 WEWI_T2	7	8	1	0.34	0.43	0.09	-0.32	-0.23	0	0	0	0	0	0
5/26/2023 14:45	20403 ASHF_T2	64	141	77	0.46	0.41	-0.05	0.27	0.22	0	0	0	0	0	0
5/26/2023 14:51	44901 SCOT_T2	0	0	0	0	0	0	0.48	0.6	0	0	0	0	0	0
5/26/2023 14:58	56802 BENV_T2	8	7	-1	0.38	0.36	-0.02	-0.53	-0.54	0	0	0	0	0	0
5/26/2023 15:01	44901 SCOT_T2	0	0	0	0	0	0	0.48	0.6	0	0	0	0	0	0
5/26/2023 15:07	40502 CRES_T2	0	0	0	0	0	0	0.59	0.55	0	0	0	0	0	0
5/26/2023 15:11	56801 BENV_T1	8	6	-2	0.3	0.32	0.02	-0.05	-0.05	0	0	0	0	0	0
5/26/2023 15:14	60803 BUCK_T1	0	0	0	0	0	0	-0.81	-0.79	1	1	0	600	600	0
5/26/2023 15:17	59102 WALK_T2	2	2	0	0.7	0.75	0.05	0	0	0	0	0	0	0	0
5/26/2023 15:19	65604 QVIL_T2	0	0	0	0	0	0	0.32	0.32	0	0	0	0	0	0
5/26/2023 15:19	40502 CRES_T2	0	0	0	0	0	0	0.55	0.54	0	0	0	0	0	0
5/26/2023 15:24	56801 BENV_T1	6	3	-3	0.3	0.37	0.07	-0.05	-0.02	0	0	0	0	0	0
5/26/2023 15:24	46001 BERW_T1	0	0	0	0	0	0	0.88	0.82	0	0	0	0	0	0
5/26/2023 15:27	59101 WALK_T2	0	1	1	0	0.3	0.3	0.94	1.13	0	0	0	0	0	0
5/26/2023 15:29	15001 BLMO_T1	2	1	-1	0.3	0.2	-0.1	0	0	0	0	0	0	0	0
5/26/2023 15:32	40502 CRES_T2	0	0	0	0	0	0	0.55	0.54	0	0	0	0	0	0
5/26/2023 15:33	42802 SELI_T1	0	0	0	0	0	0	-0.69	-0.65	1	1	0	900	900	0
5/26/2023 15:34	15001 BLMO_T1	1	1	0	0.2	0.1	-0.1	0	0	0	0	0	0	0	0
5/26/2023 15:35	52403 GRPA_T2	1	1	0	0.8	0.7	-0.1	0.06	0.02	0	0	0	0	0	0
5/26/2023 15:40	56801 BENV_T1	3	14	11	0.37	1.4	1.03	-0.02	0	0	0	0	0	0	0
5/26/2023 15:41	52502 PROG_T2	0	0	0	0	0	0	-0.53	-0.51	1	1	0	900	900	0
5/26/2023 15:44	40101 HUNT_T2	0	0	0	0	0	0	-0.48	-0.51	0	0	0	0	0	0
5/26/2023 15:47	56801 BENV_T1	3	14	11	0.23	1.48	1.25	-0.02	0	0	0	0	0	0	0
5/26/2023 15:50	67502 WEWI_T2	4	6	2	0.43	0.33	-0.1	0	0	0	0	0	0	0	0
5/26/2023 16:09	42002 MNVL_T2	1	1	0	2.6	2.5	-0.1	0.01	-0.02	0	0	0	0	0	0
5/26/2023 16:22	56802 BENV_T2	3	1	-2	0.4	1	0.6	-0.54	-0.51	0	0	0	0	0	0
5/26/2023 16:58	57602 RUTH_T2	0	0	0	0	0	0	0.29	0.33	0	0	0	0	0	0
5/26/2023 16:59	44901 SCOT_T2	0	0	0	0	0	0	0.36	0.36	0	0	0	0	0	0
5/26/2023 17:38	47401 PENS_T1	0	0	0	0	0	0	0.94	0.91	0	0	0	0	0	0
5/26/2023 17:48	60101 COCA_T1	0	0	0	0	0	0	0.47	0.46	0	0	0	0	0	0
5/26/2023 17:52	47401 PENS_T1	0	0	0	0	0	0	0.91	0.93	0	0	0	0	0	0
5/26/2023 17:58	47401 PENS_T1	0	0	0	0	0	0	0.91	0.93	0	0	0	0	0	0
5/26/2023 17:58	57601 RUTH_T2	0	0	0	0	0	0	-0.42	-0.52	0	0	0	0	0	0
5/26/2023 18:04	56802 BENV_T2	1	1	0	0.8	1.2	0.4	-0.58	-0.62	0	0	0	0	0	0
5/26/2023 18:10	46602 LACR_T1	0	0	0	0	0	0	-0.85	-0.88	0	0	0	0	0	0
5/26/2023 18:30	10805 CHHI_T2	1	1	0	7.9	7.4	-0.5	-1.19	-1.27	1	1	0	600	600	0
5/26/2023 18:38	40502 CRES_T2	1	0	-1	0.1	0	-0.1	0.62	0.61	0	0	0	0	0	0
5/26/2023 18:44	20401 ASHF_T2	0	25	25	0	0.16	0.16	0	0	0	0	0	0	0	0
5/26/2023 18:59	63801 HEMP_T1	1	2	1	0.1	0.1	0	-0.15	-0.21	0	0	0	0	0	0
5/26/2023 18:59	56802 BENV_T2	1	1	0	1.1	1.4	0.3	-1.3	-1.22	0	0	0	0	0	0
5/26/2023 19:51	43202 MVIL_T2	0	0	0	0	0	0	-0.72	-0.72	0	0	0	0	0	0
5/26/2023 20:02	64101 REFR_T1	0	0	0	0	0	0	-0.02	-0.03	0	0	0	0	0	0
5/26/2023 20:14	60803 BUCK_T1	14	9	-5	0.26	0.23	-0.03	-1.5	-1.52	1	1	0	600	600	0
5/26/2023 20:15	58402 MORO_T1	0	0	0	0	0	0	-1.31	-1.28	2	1	-1	1500	600	-900
5/26/2023 20:25	54001 SDLE_T1	5	2	-3	0.44	0.75	0.31	0	0	0	0	0	0	0	0
5/26/2023 20:26	59101 WALK_T2	0	0	0	0	0	0	1.45	1.39	0	0	0	0	0	0
5/26/2023 20:48	52502 PROG_T2	0	0	0	0	0	0	-0.61	-0.58	1	1	0	900	900	0
5/26/2023 20:52	64801 MONE_T2	1	1	0	0.2	0.4	0.2	0.3	0.31	0	0	0	0	0	0
5/26/2023 20:57	44802 EDAN_T2	0	0	0	0	0	0	-1.8	-1.78	1	1	0	1200	1200	0
5/26/2023 21:00	44801 EDAN_T2	1	2	1	0.4	0.1	-0.3	0	0	0	0	0	0	0	0
5/26/2023 21:02	57602 RUTH_T2	2	2	0	0.5	0.8	0.3	0.19	0.17	0	0	0	0	0	0
5/26/2023 21:19	48901 FOSP_T2	0	0	0	0	0	0	0.22	0.21	0	0	0	0	0	0
5/26/2023 21:30	67503 WEWI_T2	0	0	0	0	0	0	-0.22	-0.23	0	0	0	0	0	0
5/26/2023 21:39	14404 SSLA_T1	3	24	21	0.27	0.14	-0.13	0	0	0	0	0	0	0	0
5/26/2023 21:40	42201 SHEN_T2	1	1	0	0	0.1	0.1	0.63	0.62	0	0	0	0	0	0
5/26/2023 21:43	40502 CRES_T2	12	23	11	0.19	0.3	0.11	0.5	0.51	0	0	0	0	0	0
5/26/2023 22:04	29402 BELT_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
5/26/2023 22:06	45902 AUBU_T1	310	226	-84	0.3	0.23	-0.07	-0.67	-0.67	0	0	0	0	0	0
5/26/2023 22:06	29402 BELT_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
5/26/2023 22:07	15001 BLMO_T1	3	5	2	0.13	0.38	0.25	0	0	0	0	0	0	0	0
5/26/2023 22:20	67502 WEWI_T2	46	158	112	0.13	0.21	0.08	-0.51	-0.55	0	0	0	0	0	0
5/26/2023 22:28	10805 CHHI_T2	1	1	0	7.7	7.5	-0.2	-1.04	-0.99	0	0	0	0	0	0
5/26/2023 22:41	64101 REFR_T1	0	0	0	0	0	0	-0.15	-0.2	0	0	0	0	0	0
5/27/2023 0:28	28604 BLYT_T2	0	0	0	0	0	0	-1.46	-1.46	0	0	0	0	0	0
5/27/2023 0:28	44801 EDAN_T2	1	1	0	0.5	0.5	0	0	0	0	0	0	0	0	0
5/27/2023 0:28	45003 LIME_2	2	2	0	2.55	2.85	0.3	0	0	1	1	0	1200	1200	0
5/27/2023 0:28	14801 TREI_T2	0	0	0	0	0	0	0.23	0.2	0	0	0	0	0	0
5/27/2023 0:28	59101 WALK_T2	0	0	0	0	0	0	1.28	1.45	0	0	0	0	0	0
5/27/2023 0:28	66302 MCGO_T2	186	0	-186	0.13	0	-0.13	-2.16	-2.2	0	0	0	0	0	0
5/27/2023 0:28	64101 REFR_T1	0	0	0	0	0	0	0	-0.01	0	0	0	0	0	0
5/27/2023 0:28	15001 BLMO_T1	1	1	0	0.1	0.1	0	0	0	0	0	0	0	0	0
5/27/2023 0:28	66505 SMAN_T2	0	0	0	0	0	0	-0.23	-0.27	1	1	0	900	900	0
5/27/2023 0:28	20401 ASHF_T2	2	10	8	0.25	0.22	-0.03	0	0	0	0	0	0	0	0
5/27/2023 0:28	42002 MNVL_T2	1	1	0	2.7	0	-2.7	-0.16	-0.18	0	0	0	0	0	0
5/27/2023 0:28	27502 WEIS_T2	0	0	0	0	0	0	-0.35	-0.36	0	0	0	0	0	0
5/27/2023 0:28	52402 GRPA_T2	1	1	0	0.5	0.8	0.3	0	0	0	0	0	0	0	0
5/27/2023 0:28	40502 CRES_T2	5	0	-5	0.1	0	-0.1	0.68	0.64	0	0	0	0	0	0
5/27/2023 0:28	56802 BENV_T2	1	1	0	0.2	0.4	0.2	-3.28	-3.32	0	0	0	0	0	0
5/27/2023 0:28	65604 QVIL_T2	0	0	0	0	0	0	0.14	0.15	0	0	0	0	0	0
5/27/2023 0:28	46001 BERW_T1	0	0	0	0	0	0	0.41	0.41	0	0	0	0	0	0
5/27/2023 0:28	40101 HUNT_T2	40	108	68	0.24	0.36	0.12	-0.88	-0.87	0	0	0	0	0	0
5/27/2023 0:28	54001 SDLE_T1	1	1	0	0.8	0.9	0.1	0	0	2	2	0	1200	1200	0
5/27/2023 0:28	60803 BUCK_T1	17	19	2	0.24	0.38	0.14	-1.72	-1.72	1	1	0	600	600	0
5/27/2023 0:28	10805 CHHI_T2	1	1	0	7.4	7.2	-0.2	-1.16	-1.21	0	0	0	0	0	0
5/27/2023 0:28	42201 SHEN_T2	1	0	-1	0.1	0	-0.1	0.53	0.53	0	0	0	0	0	0
5/27/2023 0:28	52503 PROG_T2	0	1	1	0	0.1	0.1	0	0	0	0	0	0	0	0
5/27/2023 0:28	58402 MORO_T1	0	0	0	0	0	0	-0.63	-0.67	1	1	0	600	600	0
5/27/2023 0:28	53501 EVIL_T2	143	491	348	0.37	0.28	-0.09	-0.86	-0.85	0	0	0	0	0	0
5/27/2023 0:28	48901 FOSP_T2	0	0	0	0	0	0	0.15	0.16	0	0	0	0	0	0
5/27/2023 0:28	61404 SLIT_T1	0	0	0	0	0	0	-1.25	-1.26	0	0	0	0	0	0
5/27/2023 0:28	41901 REED_T1	0	0	0	0	0	0	-1.18	-1.17	0	0	0	0	0	0
5/27/2023 0:28	67503 WEWI_T2	0	0	0	0	0	0	-0.73	-0.75	0	0	0	0	0	0
5/27/2023 0:28	42802 SELI_T1	1	1	0	0.6	1.2	0.6	-0.26	-0.3	0	0	0	0	0	0
5/27/2023 0:28	56801 BENV_T1	29	31	2	1.29	1.33	0.04	-3.76	-3.88	4	4	0	2400	2400	0
5/27/2023 0:28	57602 RUTH_T2	0	2	2	0	0.1	0.1	-0.08	-0.07	0	0	0	0	0	0
5/27/2023 0:41	64101 REFR_T1	0	0	0	0	0	0	-0.01	-0.01	0	0	0	0	0	0
5/27/2023 0:42	57602 RUTH_T2	0	2	2	0	0.2	0.2	-0.07	-0.06	0	0	0	0	0	0
5/27/2023 0:59	44901 SCOT_T2	0	0	0	0	0	0	0.08	0.05	0	0	0	0	0	0
5/27/2023 1:20	42201 SHEN_T2	0	0	0	0	0	0	0.52	0.56	0	0	0	0	0	0
5/27/2023 1:36	47401 PENS_T1	55	52	-3	0.18	0.18	0	0.49	0.57	0	0	0	0	0	0
5/27/2023 1:38	57602 RUTH_T2	3	2	-1	0.5	0.25	-0.25	0	0	0	0	0	0	0	0
5/27/2023 1:39	56802 BENV_T2	1	1	0	0.4	0.5	0.1	-1.7	-1.76	0	0	0	0	0	0
5/27/2023 1:43	56802 BENV_T2	1	1	0	0.4	0.5	0.1	-0.85	-0.88	0	0	0	0	0	0
5/27/2023 1:44	46602 LACR_T1	0	0	0	0	0	0	-1.05	-1.03	0	0	0	0	0	0
5/27/2023 2:08	10805 CHHI_T2	1	1	0	7	7	0	-1.22	-1.26	0	0	0	0	0	0
5/27/2023 2:11	42601 TUSC_T1	0	0	0	0	0	0	0	0	2	1	-1	1800	600	-1200
5/27/2023

Appendix C - Grid Benefits Achieved in Each Instance of Active Management

5/27/2023 10:00	48901 FOSP_T2	0	0	0	0	0	0	-1.29	-1.23	3	3	0	1800	1800	0
5/27/2023 10:00	47401 PENS_T1	0	0	0	0	0	0	2.61	2.36	0	0	0	0	0	0
5/27/2023 10:00	29402 BELT_T1	53	49	-4	0.48	0.41	-0.07	0	0	0	0	0	0	0	0
5/27/2023 10:00	56801 BENV_T1	26	28	2	0.7	0.61	-0.09	-5.81	-5.6	7	7	0	4200	4200	0
5/27/2023 10:00	41902 REED_T1	3	2	-1	0.73	0.25	-0.48	0.92	0.86	0	0	0	0	0	0
5/27/2023 10:00	40902 JESH_T1	0	0	0	0	0	0	-1.06	-1.08	2	2	0	1200	1200	0
5/27/2023 10:00	56802 BENV_T2	1	1	0	0.3	0.2	-0.1	-5.74	-5.74	0	0	0	0	0	0
5/27/2023 10:00	27502 WEIS_T2	0	0	0	0	0	0	-0.11	-0.06	0	0	0	0	0	0
5/27/2023 10:00	44801 EDAN_T2	1	1	0	0.5	0.5	0	0	0	0	0	0	0	0	0
5/27/2023 10:00	52503 PROG_T2	0	0	0	0	0	0	-0.72	-0.59	1	1	0	900	900	0
5/27/2023 10:00	64801 MONE_T2	1	1	0	0.2	0.5	0.3	0.27	0.29	0	0	0	0	0	0
5/27/2023 10:00	67502 WEWI_T2	1	1	0	0.5	0.2	-0.3	-0.4	-0.39	0	0	0	0	0	0
5/27/2023 10:00	54001 SDLE_T1	1	2	1	0.9	0.45	-0.45	0	0	2	2	0	1200	1200	0
5/27/2023 10:00	40101 HUNT_T2	0	0	0	0	0	0	-0.77	-0.75	0	0	0	0	0	0
5/27/2023 10:00	46602 LACR_T1	0	0	0	0	0	0	-0.97	-0.97	0	0	0	0	0	0
5/27/2023 10:00	45001 LIME_2	0	1	1	0	0.1	0.1	0	0	0	0	0	0	0	0
5/27/2023 10:00	56601 HAMP_T1	0	0	0	0	0	0	-0.06	-0.15	0	0	0	0	0	0
5/27/2023 10:00	67503 WEWI_T2	0	0	0	0	0	0	-0.52	-0.43	0	0	0	0	0	0
5/27/2023 10:00	60801 BUCK_T1	188	170	-18	0.82	0.59	-0.23	0	0	0	0	0	0	0	0
5/27/2023 10:00	12604 MACA_T1	0	0	0	0	0	0	0.3	0.32	0	0	0	0	0	0
5/27/2023 10:00	59101 WALK_T2	0	0	0	0	0	0	3.87	3.81	0	0	0	0	0	0
5/27/2023 10:00	48901 FOSP_T2	0	0	0	0	0	0	-1.29	-1.23	3	3	0	1800	1800	0
5/27/2023 10:00	67604 WARW_T1	0	0	0	0	0	0	-0.05	-0.06	0	0	0	0	0	0
5/27/2023 10:00	65604 QVIL_T2	0	0	0	0	0	0	0.23	0.27	0	0	0	0	0	0
5/27/2023 10:00	61404 SLIT_T1	0	0	0	0	0	0	-1.05	-1.1	0	0	0	0	0	0
5/27/2023 10:00	28604 BLYT_T2	0	0	0	0	0	0	-1.35	-1.34	0	0	0	0	0	0
5/27/2023 10:00	64301 LINC_T1	0	0	0	0	0	0	0.1	0.12	0	0	0	0	0	0
5/27/2023 10:00	43202 MVIL_T2	0	0	0	0	0	0	-0.71	-0.7	0	0	0	0	0	0
5/27/2023 10:00	53501 EVIL_T2	8	7	-1	0.36	0.3	-0.06	-0.67	-0.65	0	0	0	0	0	0
5/27/2023 10:00	42001 MNVL_T2	0	1	1	0	0.2	0.2	0	0	0	0	0	0	0	0
5/27/2023 10:00	52403 GRPA_T2	0	0	0	0	0	0	-0.02	-0.01	0	0	0	0	0	0
5/27/2023 10:00	10805 CHHI_T2	1	1	0	7.9	8.1	0.2	-1.05	-1.08	0	0	0	0	0	0
5/27/2023 10:00	59402 RFLD_T2	0	0	0	0	0	0	-0.83	-0.83	1	1	0	450	450	0
5/27/2023 10:00	42802 SELI_T1	0	0	0	0	0	0	0	-0.02	0	0	0	0	0	0
5/27/2023 10:00	41801 GOCI_T2	40	91	51	0.27	0.27	0	0	0	0	0	0	0	0	0
5/27/2023 10:06	64801 MONE_T2	1	1	0	0.2	0.5	0.3	0.29	0.27	0	0	0	0	0	0
5/27/2023 10:10	42201 SHEN_T2	0	0	0	0	0	0	0.63	0.64	0	0	0	0	0	0
5/27/2023 10:12	40502 CRES_T2	15	14	-1	0.37	0.3	-0.07	-0.03	0	0	0	0	0	0	0
5/27/2023 10:15	40502 CRES_T2	11	14	3	0.34	0.26	-0.08	-0.03	0	0	0	0	0	0	0
5/27/2023 10:16	40502 CRES_T2	11	14	3	0.34	0.26	-0.08	-0.03	0	0	0	0	0	0	0
5/27/2023 10:20	65604 QVIL_T2	0	0	0	0	0	0	0.25	0.24	0	0	0	0	0	0
5/27/2023 10:21	65604 QVIL_T2	0	0	0	0	0	0	0.25	0.24	0	0	0	0	0	0
5/27/2023 10:34	14403 SSLA_T1	0	0	0	0	0	0	0.77	0.79	0	0	0	0	0	0
5/27/2023 10:36	29402 BELT_T1	45	18	-27	0.36	0.34	-0.02	0	0	0	0	0	0	0	0
5/27/2023 10:40	14801 TREI_T2	0	0	0	0	0	0	0.43	0.39	0	0	0	0	0	0
5/27/2023 11:02	15001 BLMO_T1	0	1	1	0	0.2	0.2	0	0	0	0	0	0	0	0
5/27/2023 11:02	64801 MONE_T2	0	0	0	0	0	0	0.29	0.31	0	0	0	0	0	0
5/27/2023 11:09	63802 HEMP_T1	8	5	-3	0.21	0.16	-0.05	0	0	0	0	0	0	0	0
5/27/2023 11:15	61404 SLIT_T1	0	0	0	0	0	0	-0.97	-1.04	0	0	0	0	0	0
5/27/2023 11:18	60801 BUCK_T1	136	142	6	0.44	0.43	-0.01	-0.89	-0.91	1	1	0	600	600	0
5/27/2023 11:19	15001 BLMO_T1	0	1	1	0	0.2	0.2	0	0	0	0	0	0	0	0
5/27/2023 11:23	44902 SCOT_T2	1	1	0	0.1	0.2	0.1	0	0	0	0	0	0	0	0
5/27/2023 11:31	44901 SCOT_T2	0	0	0	0	0	0	-0.19	-0.11	0	0	0	0	0	0
5/27/2023 12:04	20403 ASHF_T2	3	2	-1	0.73	0.9	0.17	0.25	0.29	0	0	0	0	0	0
5/27/2023 13:01	43202 MVIL_T2	0	0	0	0	0	0	-0.7	-0.69	0	0	0	0	0	0
5/27/2023 13:18	56802 BENV_T2	0	0	0	0	0	0	-0.66	-0.69	0	0	0	0	0	0
5/27/2023 13:22	15001 BLMO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
5/27/2023 13:26	60803 BUCK_T1	0	2	2	0	0.15	0.15	-1.45	-1.44	1	1	0	600	600	0
5/27/2023 13:26	56802 BENV_T2	0	0	0	0	0	0	-0.69	-0.64	0	0	0	0	0	0
5/27/2023 13:27	66504 SMAN_T2	1	2	1	0.1	0.15	0.05	0	0	0	0	0	0	0	0
5/27/2023 13:30	59101 WALK_T2	1	1	0	1.4	0	-1.4	1.39	1.37	0	0	0	0	0	0
5/27/2023 13:33	66703 STRA_T1	0	0	0	0	0	0	0.12	0.19	0	0	0	0	0	0
5/27/2023 13:35	67204 TEHI_T2	1	1	0	0.8	0.8	0	-0.2	-0.19	0	0	0	0	0	0
5/27/2023 13:36	16302 ALPA_T2	1	0	-1	0.2	0	-0.2	0.67	0.69	0	0	0	0	0	0
5/27/2023 13:39	48901 FOSP_T2	0	0	0	0	0	0	-0.39	-0.28	1	1	0	600	600	0
5/27/2023 13:39	15001 BLMO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
5/27/2023 13:44	29402 BELT_T1	89	60	-29	0.52	0.48	-0.04	0	0	0	0	0	0	0	0
5/27/2023 13:44	65604 QVIL_T2	0	0	0	0	0	0	0.3	0.31	0	0	0	0	0	0
5/27/2023 14:09	60801 BUCK_T1	146	139	-7	0.45	0.42	-0.03	0	0	0	0	0	0	0	0
5/27/2023 14:12	59101 WALK_T2	0	0	0	0	0	0	1.36	1.44	0	0	0	0	0	0
5/27/2023 14:20	65604 QVIL_T2	0	0	0	0	0	0	0.34	0.33	0	0	0	0	0	0
5/27/2023 14:23	42801 SELI_T1	0	1	1	0	6.7	6.7	0	0	0	0	0	0	0	0
5/27/2023 14:33	52403 GRPA_T2	0	0	0	0	0	0	0.11	0.08	0	0	0	0	0	0
5/27/2023 14:34	41801 GOCI_T2	18	24	6	0.44	0.35	-0.09	0	0	0	0	0	0	0	0
5/27/2023 14:35	15001 BLMO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
5/27/2023 14:35	52502 PROG_T2	0	1	1	0	0.1	0.1	-0.5	-0.44	1	1	0	900	900	0
5/27/2023 14:45	28604 BLYT_T2	0	0	0	0	0	0	-1.22	-1.21	0	0	0	0	0	0
5/27/2023 14:46	56801 BENV_T1	5	5	0	0.44	0.36	-0.08	-0.64	-0.65	1	1	0	600	600	0
5/27/2023 14:53	44901 SCOT_T2	0	0	0	0	0	0	-0.19	-0.27	0	0	0	0	0	0
5/27/2023 14:59	44901 SCOT_T2	0	0	0	0	0	0	-0.19	-0.27	0	0	0	0	0	0
5/27/2023 15:23	56803 BENV_T1	0	1	1	0.6	0	-0.6	0	0	0	0	0	0	0	0
5/27/2023 15:43	60701 BREC_T1	0	0	0	0	0	0	0.2	0.18	0	0	0	0	0	0
5/27/2023 16:30	64101 REFR_T1	0	0	0	0	0	0	0.09	0.07	0	0	0	0	0	0
5/27/2023 16:44	47403 PENS_T1	1	1	0	1.9	2.4	0.5	0	0	0	0	0	0	0	0
5/27/2023 16:52	63804 HEMP_T1	1	1	0	6.3	6.2	-0.1	0	0	0	0	0	0	0	0
5/27/2023 16:58	42701 AUGU_T1	0	0	0	0	0	0	0	0	2	2	0	1800	1800	0
5/27/2023 17:10	40902 JESH_T1	0	0	0	0	0	0	-0.94	-0.99	2	2	0	1200	1200	0
5/27/2023 17:24	11102 EGYP_T1	1	1	0	0.3	0	-0.3	0	0	0	0	0	0	0	0
5/27/2023 17:14	42701 AUGU_T1	0	0	0	0	0	0	0	0	2	2	0	1800	1800	0
5/27/2023 17:19	61801 EEU_T2	0	1	1	0	0.1	0.1	-1.3	-1.22	2	2	0	1200	1200	0
5/27/2023 17:24	10805 CHHI_T2	1	1	0	8.1	7.9	-0.2	-1.28	-1.24	1	1	0	600	600	0
5/27/2023 17:46	64201 KINZ_T1	1	1	0	0.3	0.6	0.3	-0.79	-0.8	3	3	0	1500	1500	0
5/27/2023 17:58	44505 HAMI_T2	1	1	0	0	0	0	0	0	0	0	0	0	0	0
5/27/2023 18:23	67204 TEHI_T2	0	0	0	0	0	0	0.21	0.22	0	0	0	0	0	0
5/27/2023 18:52	45902 AUBU_T1	70	258	188	0.23	0.33	0.1	0	0	0	0	0	0	0	0
5/27/2023 18:57	56801 BENV_T1	12	13	1	1.37	1.33	-0.04	-0.59	-0.58	1	1	0	600	600	0
5/27/2023 20:29	59101 WALK_T2	0	0	0	0	0	0	1	1.01	1	1	0	450	450	0
5/27/2023 21:02	47402 PENS_T1	0	1	1	0	0.1	0.1	0	0	0	0	0	0	0	0
5/27/2023 21:05	15001 BLMO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
5/27/2023 21:08	11104 EGYP_T1	0	0	0	0	0	0	0.68	0.68	0	0	0	0	0	0
5/27/2023 21:14	16302 ALPA_T2	0	0	0	0	0	0	0.67	0.64	0	0	0	0	0	0
5/27/2023 21:21	43301 WATS_T2	0	1	1	0	0.2	0.2	-1.49	-1.51	0	0	0	0	0	0
5/27/2023 21:22	29402 BELT_T1	56	112	56	0.33	0.61	0.28	0	0	0	0	0	0	0	0
5/27/2023 21:23	51604 DUKE_T2	0	0	0	0	0	0	-1.56	-1.61	1	1	0	900	900	0
5/27/2023 21:41	64801 MONE_T2	1	1	0	0.8	0.8	0	0.33	0.32	0	0	0	0	0	0
5/27/2023 22:19	11104 EGYP_T1	0	0	0	0	0	0	0.63	0.6	0	0	0	0	0	0
5/27/2023 22:25	11104 EGYP_T1	0	0	0	0	0	0	0.63	0.6	0	0	0	0	0	0
5/27/2023 22:26	44901 SCOT_T2	0	0	0	0	0	0	-0.59	-0.49	0	0	0	0	0	0
5/27/2023 22:35	11104 EGYP_T1	0	0	0	0	0	0	0.6	0.57	0	0	0	0	0	0
5/27/2023 22:48	10805 CHHI_T2	1	1	0	7.4	6.9	-0.5	-1.23	-1.27	1	1	0	600	600	0
5/27/2023 22:52	43301 WATS_T2	1	1	0	0.7	0.8	0.1	-1.69	-1.85	0	0	0	0	0	0
5/27/2023 22:54	63802 HEMP_T1	98	220	122	0.12	0.19	0.07	0	0	0	0	0	0	0	0
5/27/2023 23:11	60701 BREC_T1	136	203	67	0.21	0.3	0.09	-0.65	-0.68	1	1	0	600	600	0
5/27/2023 23:22	60801 BUCK_T1	160	169	9	0.41	0.46	0.05	-0.46	-0.46	0	0	0	0	0	0
5/28/2023 0:28	28604 BLYT_T2	0	0	0	0	0	0	-1.45	-1.38	0	0	0	0	0	0
5/28/2023 0:28	52403 GRPA_T2	0	0	0	0	0	0	-0.09	-0.1	0	0	0	0	0	0
5/28/2023 0:28	63801 HEMP_T1	240	189	-51	0.39	0.23	-0.16	-0.25	-0.43	0	0	0	0	0	0
5/28/2023 0:28	59101 WALK_T2	0	0	0	0	0	0	0.98	0.96	0	0	0	0	0	0
5/28/2023 0:28	56802 BENV_T2	1	1	0	0.8	0.9	0.1	-2.96	-2.96	0	0	0	0	0	0
5/28/2023 0:28	10805 CHHI_T2	1	1	0	7	7	0	-1.36	-1.37	1	1	0	600	600	0
5/28/2023 0:28	60803 BUCK_T1	0	0	0	0	0	0	-1.7	-1.71	1	1	0	600	600	0
5/28/2023 0:28	66703 STRA_T1	1	0	-1	0.2	0.1	-0.1	-0.5	-0.5	0	0	0	0	0	0
5/28/2023 0:28	52502 PROG_T2	0	0	0	0	0	0	-0.73	-0.72	1	1	0	900	900	0
5/28/2023 0:28	15001 BLMO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
5/28/2023 0:28	64802 MONE_T2	0	1	1	0	1.6	1.6	0	0	0	0	0	0	0	0
5/28/2023 0:28	44901 SCOT_T2	0	0	0	0	0	0	-0.39	-0.41	0	0	0	0	0	0
5/28/2023 0:28	65604 QVIL_T2	0	0	0	0	0	0	0.32	0.28	0	0	0	0	0	0
5/28/2023 0:28	56801 BENV_T1	29	31	2	1	1.18	0.18	-2.79	-2.85	3	3	0	1800	1800	0
5/28/2023 0:28	43301 WATS_T2	0	0	0	0	0	0	-0.95	-0.95	0	0	0	0	0	0
5/28/2023 0:28	11104 EGYP_T1	0	0	0	0	0	0	1.02	0.82	0	0	0	0	0	0
5/28/2023 0:28	41801 GOCI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
5/28/2023 0:32	64101 REFR_T1	0	0	0	0	0	0	-0.01	0	0	0	0	0	0	0
5/28/2023 0:37	42701 AUGU_T1	1	1	0	1.1	1.4	0.3	0	0	2	2	0	1800	1800	0
5/28/2023 0:39	11104 EGYP_T1	0	0	0	0	0	0	0.41	0.39	0	0	0	0	0	0
5/28/2023 0:39	56801 BENV_T1	30	34	4	1.11	1.26	0.15	-0.95	-0.94	1	1	0	600	600	0
5/28/2023 0:48	61404 SLIT_T1	11	28	17	0.13	0.13	0	-1.24	-1.24	0	0	0	0	0	0
5/28/2023 0:49	40901 JESH_T1	1	1	0	0.2	0.1	-0.1	0	0	0	0	0	0	0	0
5/28/2023 0:51	42701 AUGU_T1	1	1	0	1.3	1.4	0.1	0	0	2	2	0	1800	1800	0
5/28/2023 0:51	61801 EEU_T2	2	2	0	0.35	0.65	0.3	-0.9	-0.98	0	0	0	0	0	0
5/28/2023 0:56	64101 REFR_T1	0	0	0	0	0	0	-0.01	-0.01	0	0	0	0	0	0
5/28/2023 1:08	10805 CHHI_T2	1	1	0	7.8	7.8	0	-0.75	-0.77	0	0	0	0	0	0
5/28/2023 1:20	64202 KINZ_T1	3	7	4	0.8	0.46	-0.34	0	0	0	0	0	0	0	0
5/28/2023 2:21	64801 MONE_T2	0	0	0	0	0	0	0.26	0.23	0	0	0	0	0	0
5/28/2023 2:30	56801 BENV_T1	43	50	7	1.37	1.3	-0.07	-0.97	-0.99	1	1	0	600	600	0
5/28/2023 2:36	56801 BENV_T1	43	50	7	1.37	1.3	-0.07	-0.99	-0.98	1	1	0	600	600	0
5/28/2023 2:43	20401 ASHF_T2	9	9	0	0.24	0.24	0	0	0	0	0	0	0	0	0
5/28/2023 2:55	20401 ASHF_T2	8	12	4	0.24	0.23	-0.01	0	0	0	0	0	0	0	0
5/28/2023 3:12	56801 BENV_T1	47	51	4	1.28	1.32	0.04	-0.96	-0.98	1	1	0	600	600	0
5/28/2023 3:23	20403 ASHF_T2	0	0	0	0	0	0	-0.01	-0.02	0	0	0	0	0	0
5/28/2023 4:13	43202 MVIL_T2	0	0	0	0	0	0	-0.76	-0.77	0	0	0	0	0	0
5/28/2023 4:14	63804 HEMP_T1	5	5	0	1.12	1.12	0	0	0	0	0	0	0	0	0
5/28/2023 4:43	66504 SMAN_T2	1	0	-1	0.1	0	-0.1	0	0	0	0	0	0	0	0
5/28/2023 4:44	45901 AUBU_T1	0	0	0	0	0	0	0.91	0.91	0	0	0	0	0	0
5/28/2023 4:45	67204 TEHI_T2	93	114	21	0.18	0.34	0.16	-0.05	-0.04	0	0	0	0	0	0
5/28/2023 4:45	60801 BUCK_T1	188	188	0	1.07	1.01	-0.06	0	0	0	0	0	0	0	0
5/28/2023 4:45	11104 EGYP_T1	0	0	0	0	0	0	0.3	0.3	0	0	0	0	0	0
5/28/2023 4:50	15001 BLMO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
5/28/2023 4:52	43302 WATS_T2	4	4	0	0.38	0.4	0.02	0	0	0	0	0	0	0	0
5/28/2023 5:27	59101 WALK_T2	0	0	0	0	0	0	1.07	0.99	0	0	0	0	0	0
5/28/2023 5:33	42802 SELI_T1	0	0	0	0	0	0	-0.19	-0.2	0	0	0	0	0	0
5/28/2023 6:50	51604 DUKE_T2	0	0	0	0	0	0	-1.83	-1.82	1	1	0	900	900	0
5/28/2023 10:00	44901 SCOT_T2	0	0	0	0	0	0	-0.86	-0.82	0	0	0	0	0	0
5/28/2023 10:00	60803 BUCK_T1	0	0	0	0	0	0	-3.26	-3.16	2	2	0	1200	1200	0
5/28/2023 10:00	45902 AUBU_T1	1	1	0	0.2	0.1	-0.1	-0.51	-0.47	0	0	0	0	0	0
5/28/2023 10:00	56802 BENV_T2	3	1	-2	0.47	0.8	0.33	-2.74	-2.64	0	0	0	0	0	0
5/28/2023 10:00	51604 DUKE_T2	0	1	1	0	0.4	0.4	-1.65	-1.64	1	1	0	900	900	0
5/28/2023 10:00	40901 JESH_T1	1	3	2	2	1.4	-0.6	0	0	0	0	0	0	0	0
5/28/2023 10:00	63803 HEMP_T1	5	6	1	0.28	0.28	0	0	0	0	0	0	0	0	0
5/28/2023 10:00	42701 AUGU_T1	2	1	-1	0.35	0.2	-0.15	0	0	4	4	0	3600	3600	0
5/28/2023 10:00	12605 MACA_T1	1	1	0	0.3	0.4	0.1	0	0	0	0	0	0	0	0
5/28/2023 10:00	16302 ALPA_T2	0	0	0	0	0	0	0.51	0.51	0	0	0	0	0	0
5/28/2023 10:00	60701 BREC_T1	0	0	0	0	0	0	-0.01	0.01	0	0	0	0	0	0
5/28/2023 10:00	43302 WATS_T2	0	4	4	0	0.45	0.45	0	0	0	0	0	0	0	0
5/28/2023 10:00	52403 GRPA_T2	0	3	3	0	0.35	0.35	-0.03	-0.04	0	0	0	0	0	0
5/28/2023 10:00	67604 WARW_T1	0	0	0	0	0	0	-0.06	-0.06	0	0	0	0	0	0
5/28/2023 10:00	42802 SELI_T1	0	0	0	0	0	0	-0.04	0.14	0	0	0	0	0	0
5/28/2023 10:00	67204 TEHI_T2	2	2	0	0.55	0.75	0.2	0.18	0.16	0	0	0	0	0	0
5/28/2023 10:00	10805 CHHI_T2	1	1	0	8.2	8.1	-0.1	-1.04	-0.99	0	0	0	0	0	0
5/28/2023 10:00	64801 MONE_T2	1	2	1

Appendix C - Grid Benefits Achieved in Each Instance of Active Management

5/28/2023 13:14	27101 GFLD_T2	1	0	-1	1.1	0	-1.1	0.45	0.46	0	0	0	0	0	0
5/28/2023 13:14	60803 BUCK_T1	0	0	0	0	0	0	-1.52	-1.52	1	1	0	600	600	0
5/28/2023 13:20	47401 PENS_T1	0	0	0	0	0	0	1.12	0.98	0	0	0	0	0	0
5/28/2023 13:22	52502 PROG_T2	0	0	0	0	0	0	-0.51	-0.5	1	1	0	900	900	0
5/28/2023 13:36	52502 PROG_T2	0	0	0	0	0	0	-0.5	-0.49	1	1	0	900	900	0
5/28/2023 13:44	44901 SCOT_T2	0	0	0	0	0	0	-0.18	-0.14	0	0	0	0	0	0
5/28/2023 14:24	56802 BENV_T2	1	3	2	0.4	0.23	-0.17	-1.23	-1.26	0	0	0	0	0	0
5/28/2023 14:25	28604 BLYT_T2	0	0	0	0	0	0	-1.18	-1.17	0	0	0	0	0	0
5/28/2023 14:27	44901 SCOT_T2	0	0	0	0	0	0	-0.19	-0.13	0	0	0	0	0	0
5/28/2023 14:36	28604 BLYT_T2	0	0	0	0	0	0	-1.17	-1.15	0	0	0	0	0	0
5/28/2023 14:46	44901 SCOT_T2	0	0	0	0	0	0	-0.13	-0.2	0	0	0	0	0	0
5/28/2023 14:51	67503 WEWI_T2	0	0	0	0	0	0	-0.11	-0.17	0	0	0	0	0	0
5/28/2023 15:07	44901 SCOT_T2	0	0	0	0	0	0	-0.21	-0.17	0	0	0	0	0	0
5/28/2023 15:07	56802 BENV_T2	2	4	2	0.55	0.4	-0.15	-1.19	-1.23	0	0	0	0	0	0
5/28/2023 15:12	56802 BENV_T2	2	4	2	0.55	0.4	-0.15	-1.19	-1.23	0	0	0	0	0	0
5/28/2023 15:15	52403 GRPA_T2	2	3	1	0.6	0.47	-0.13	-0.57	-0.55	0	0	0	0	0	0
5/28/2023 15:22	64101 REFR_T1	0	0	0	0	0	0	0.07	0.09	0	0	0	0	0	0
5/28/2023 15:26	64101 REFR_T1	0	0	0	0	0	0	0.07	0.09	0	0	0	0	0	0
5/28/2023 15:40	57303 MOAL_T2	1	1	0	8	7.5	-0.5	0	0	0	0	0	0	0	0
5/28/2023 15:40	54505 ENOL_T2	1	1	0	0.1	0.2	0.1	0	0	0	0	0	0	0	0
5/28/2023 15:47	16301 ALPA_T1	0	1	1	0	0.1	0.1	-1.11	-1.02	0	0	0	0	0	0
5/28/2023 15:56	11104 EGYP_T1	4	1	-3	0.2	0	-0.2	0.62	0.64	0	0	0	0	0	0
5/28/2023 16:02	46203 DANV_T2	1	1	0	0.2	0.3	0.1	0	0	0	0	0	0	0	0
5/28/2023 16:07	56802 BENV_T2	1	1	0	1.4	1.3	-0.1	-1.25	-1.26	0	0	0	0	0	0
5/28/2023 16:22	64101 REFR_T1	0	0	0	0	0	0	0.1	0.09	0	0	0	0	0	0
5/28/2023 16:27	56802 BENV_T2	1	1	0	1.3	1.3	0	-1.26	-1.22	0	0	0	0	0	0
5/28/2023 16:28	10805 CHHI_T2	1	1	0	8.2	7.9	-0.3	-1.24	-1.3	1	1	0	600	600	0
5/28/2023 16:43	44901 SCOT_T2	0	0	0	0	0	0	-0.19	-0.22	0	0	0	0	0	0
5/28/2023 16:49	56802 BENV_T2	1	1	0	1.2	1.3	0.1	-1.27	-1.23	0	0	0	0	0	0
5/28/2023 16:51	40902 JESH_T1	0	0	0	0	0	0	-1.07	-1.08	2	2	0	1200	1200	0
5/28/2023 16:59	56801 BENV_T1	1	5	4	0.2	0.26	0.06	-0.57	-0.58	1	1	0	600	600	0
5/28/2023 17:00	52402 GRPA_T2	2	3	1	0.2	0.17	-0.03	0	0	0	0	0	0	0	0
5/28/2023 17:02	58402 MORO_T1	0	1	1	0	0	0	-0.43	-0.4	1	1	0	600	600	0
5/28/2023 17:03	59101 WALK_T2	1	1	0	0.1	0	-0.1	1.65	1.46	0	0	0	0	0	0
5/28/2023 17:05	28604 BLYT_T2	0	0	0	0	0	0	-1.09	-1.09	0	0	0	0	0	0
5/28/2023 17:07	56801 BENV_T1	1	5	4	0.1	0.26	0.16	-0.58	-0.61	1	1	0	600	600	0
5/28/2023 17:09	59101 WALK_T2	1	1	0	0.1	0	-0.1	1.46	1.41	0	0	0	0	0	0
5/28/2023 17:10	40902 JESH_T1	0	0	0	0	0	0	-1.08	-1.11	2	2	0	1200	1200	0
5/28/2023 17:10	56803 BENV_T1	0	1	1	0	0.1	0.1	0	0	0	0	0	0	0	0
5/28/2023 17:11	40901 JESH_T1	1	1	0	2	2	0	0	0	0	0	0	0	0	0
5/28/2023 17:22	40502 CRES_T2	0	0	0	0	0	0	-0.72	-0.72	0	0	0	0	0	0
5/28/2023 17:40	54501 ENOL_T2	0	0	0	0	0	0	-0.33	-0.34	1	1	0	600	600	0
5/28/2023 17:43	59101 WALK_T2	0	0	0	0	0	0	1.59	1.12	0	1	1	0	450	450
5/28/2023 17:47	56801 BENV_T1	5	3	-2	0.28	0.1	-0.18	-0.58	-0.58	1	1	0	600	600	0
5/28/2023 20:04	47401 PENS_T1	0	0	0	0	0	0	0.82	0.8	0	0	0	0	0	0
5/28/2023 20:08	15001 BLMO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
5/28/2023 20:09	45601 WOOL_T1	1	1	0	0	0	0	0	0	0	0	0	0	0	0
5/28/2023 20:16	45902 AUBU_T1	15	26	11	0.27	0.32	0.05	-0.67	-0.68	0	0	0	0	0	0
5/28/2023 20:22	20403 ASHF_T2	0	0	0	0	0	0	0.29	0.33	0	0	0	0	0	0
5/28/2023 20:25	28602 BLYT_T2	1	0	-1	0.2	0	-0.2	0	0	0	0	0	0	0	0
5/28/2023 20:52	59101 WALK_T2	0	0	0	0	0	0	0.95	0.96	1	1	0	450	450	0
5/28/2023 20:53	42802 SELI_T1	1	1	0	0.2	0.1	-0.1	-0.93	-0.92	1	1	0	900	900	0
5/28/2023 20:54	27101 GFLD_T2	0	0	0	0	0	0	-0.1	-0.14	1	1	0	600	600	0
5/28/2023 20:54	60801 BUCK_T1	52	105	53	0.42	0.48	0.06	0	0	0	0	0	0	0	0
5/28/2023 20:55	52402 GRPA_T2	2	3	1	0.25	0.2	-0.05	0	0	0	0	0	0	0	0
5/28/2023 21:06	64101 REFR_T1	0	0	0	0	0	0	-0.02	-0.02	0	0	0	0	0	0
5/28/2023 21:11	56802 BENV_T2	136	134	-2	0.24	0.22	-0.02	-1.39	-1.39	0	0	0	0	0	0
5/28/2023 21:47	11104 EGYP_T1	0	0	0	0	0	0	0.68	0.67	0	0	0	0	0	0
5/28/2023 21:59	56802 BENV_T2	78	1	-77	0.18	0.9	0.72	-0.76	-0.75	0	0	0	0	0	0
5/28/2023 22:04	56802 BENV_T2	1	1	0	0.9	0.9	0	-0.75	-0.74	0	0	0	0	0	0
5/28/2023 22:04	66505 SMAN_T2	0	0	0	0	0	0	0.24	0.15	1	1	0	900	900	0
5/28/2023 22:17	45901 AUBU_T1	4	4	0	0.13	0.15	0.02	1	1.01	0	0	0	0	0	0
5/28/2023 22:18	67204 TEHI_T2	41	100	59	0.13	0.23	0.1	0.05	0.03	0	0	0	0	0	0
5/28/2023 22:24	57304 MOAL_T2	0	0	0	0	0	0	-0.35	-0.39	0	0	0	0	0	0
5/28/2023 22:25	67503 WEWI_T2	1	1	0	0.6	0	-0.6	-0.28	-0.29	0	0	0	0	0	0
5/28/2023 22:39	42802 SELI_T1	1	1	0	1	1.5	0.5	-1.04	-1.01	1	1	0	900	900	0
5/28/2023 22:40	43202 MVIL_T2	0	0	0	0	0	0	-0.69	-0.7	0	0	0	0	0	0
5/28/2023 22:42	45902 AUBU_T1	201	342	141	0.24	0.3	0.06	-0.72	-0.72	0	0	0	0	0	0
5/28/2023 22:45	64101 REFR_T1	0	0	0	0	0	0	-0.05	-0.07	0	0	0	0	0	0
5/28/2023 22:45	56802 BENV_T2	29	2	-27	0.14	1.1	0.96	-0.76	-0.7	0	0	0	0	0	0
5/28/2023 22:50	40902 JESH_T1	0	0	0	0	0	0	-0.44	-0.47	1	1	0	600	600	0
5/28/2023 22:51	52402 GRPA_T2	4	4	0	0.58	0.7	0.12	0	0	0	0	0	0	0	0
5/28/2023 23:00	56803 BENV_T1	8	8	0	0.2	0.23	0.03	0	0	0	0	0	0	0	0
5/28/2023 23:01	58402 MORO_T1	0	0	0	0	0	0	-0.63	-0.65	1	1	0	600	600	0
5/28/2023 23:01	59101 WALK_T2	0	0	0	0	0	0	1.31	1.23	0	0	0	0	0	0
5/28/2023 23:03	54501 ENOL_T2	3	4	1	0.13	0.25	0.12	-0.43	-0.45	1	1	0	600	600	0
5/28/2023 23:09	56801 BENV_T1	40	39	-1	1.29	1.39	0.1	-1.58	-1.66	2	2	0	1200	1200	0
5/28/2023 23:10	52502 PROG_T2	0	1	1	0	0	0	-0.68	-0.67	1	1	0	900	900	0
5/28/2023 23:10	56802 BENV_T2	1	2	1	1.1	1.1	0	-0.7	-0.69	0	0	0	0	0	0
5/28/2023 23:21	46206 DANV_T2	0	0	0	0	0	0	0.4	0.42	0	0	0	0	0	0
5/28/2023 23:23	11104 EGYP_T1	0	0	0	0	0	0	0.6	0.51	0	0	0	0	0	0
5/28/2023 23:23	16301 ALPA_T1	1	1	0	0.3	0.4	0.1	-0.24	-0.31	0	0	0	0	0	0
5/28/2023 23:29	64801 MONE_T2	0	0	0	0	0	0	0.37	0.33	0	0	0	0	0	0
5/28/2023 23:34	40502 CRES_T2	0	0	0	0	0	0	0.46	0.42	0	0	0	0	0	0
5/28/2023 23:42	29402 BELT_T1	117	111	-6	0.84	0.94	0.1	0	0	0	0	0	0	0	0
5/28/2023 23:43	11104 EGYP_T1	0	0	0	0	0	0	0.51	0.5	0	0	0	0	0	0
5/28/2023 23:46	10805 CHHI_T2	1	1	0	7.8	7.5	-0.3	-1.05	-1.07	0	0	0	0	0	0
5/28/2023 23:47	16302 ALPA_T2	0	0	0	0	0	0	0.46	0.46	0	0	0	0	0	0
5/28/2023 23:52	63802 HEMP_T1	6	0	-6	0.1	0	-0.1	0	0	0	0	0	0	0	0
5/29/2023 0:01	44901 SCOT_T2	7	0	-7	0.14	0	-0.14	-0.37	-0.63	0	0	0	0	0	0
5/29/2023 0:02	11104 EGYP_T1	0	0	0	0	0	0	0.5	0.47	0	0	0	0	0	0
5/29/2023 0:28	42802 SELI_T1	1	1	0	0.6	1.2	0.6	-0.12	-0.1	0	0	0	0	0	0
5/29/2023 0:28	58402 MORO_T1	0	0	0	0	0	0	-0.61	-0.53	1	1	0	600	600	0
5/29/2023 0:28	56802 BENV_T2	16	17	1	0.18	0.18	0	-2.92	-2.88	0	0	0	0	0	0
5/29/2023 0:28	64101 REFR_T1	0	0	0	0	0	0	-0.01	-0.01	0	0	0	0	0	0
5/29/2023 0:28	54501 ENOL_T2	0	0	0	0	0	0	-0.48	-0.52	1	1	0	600	600	0
5/29/2023 0:28	64802 MONE_T2	0	1	1	0	0.9	0.9	0	0	0	0	0	0	0	0
5/29/2023 0:28	28604 BLYT_T2	0	0	0	0	0	0	-1.37	-1.39	0	0	0	0	0	0
5/29/2023 0:28	45901 AUBU_T1	0	0	0	0	0	0	0.96	0.94	0	0	0	0	0	0
5/29/2023 0:28	45901 AUBU_T1	0	0	0	0	0	0	0.96	0.94	0	0	0	0	0	0
5/29/2023 0:28	40502 CRES_T2	0	0	0	0	0	0	0.38	0.39	0	0	0	0	0	0
5/29/2023 0:28	52502 PROG_T2	0	0	0	0	0	0	-1.42	-1.48	2	2	0	1800	1800	0
5/29/2023 0:28	29402 BELT_T1	67	150	83	0.54	0.93	0.39	0	0	0	0	0	0	0	0
5/29/2023 0:28	11104 EGYP_T1	0	0	0	0	0	0	0.94	0.92	0	0	0	0	0	0
5/29/2023 0:28	56801 BENV_T1	31	37	6	1.27	1.35	0.08	-1.74	-1.82	2	2	0	1200	1200	0
5/29/2023 0:28	16302 ALPA_T2	0	0	0	0	0	0	0.47	0.44	0	0	0	0	0	0
5/29/2023 0:28	59101 WALK_T2	0	0	0	0	0	0	1.17	1.22	0	0	0	0	0	0
5/29/2023 0:28	63801 HEMP_T1	0	0	0	0	0	0	-0.4	-0.39	0	0	0	0	0	0
5/29/2023 0:28	43202 MVIL_T2	0	0	0	0	0	0	-0.73	-0.73	0	0	0	0	0	0
5/29/2023 0:28	40902 JESH_T1	0	0	0	0	0	0	-0.51	-0.52	1	1	0	600	600	0
5/29/2023 0:28	67204 TEHI_T2	0	0	0	0	0	0	-0.01	-0.01	0	0	0	0	0	0
5/29/2023 0:28	44901 SCOT_T2	0	0	0	0	0	0	-0.96	-0.97	0	0	0	0	0	0
5/29/2023 0:45	28602 BLYT_T2	2	2	0	0.25	0.3	0.05	0	0	0	0	0	0	0	0
5/29/2023 0:50	40902 JESH_T1	0	1	1	0	0	0	-0.54	-0.55	1	1	0	600	600	0
5/29/2023 1:20	56801 BENV_T1	31	35	4	1.19	1.39	0.2	-0.92	-0.93	1	1	0	600	600	0
5/29/2023 1:22	59101 WALK_T2	0	0	0	0	0	0	0.94	1.17	0	0	0	0	0	0
5/29/2023 1:29	64802 MONE_T2	0	1	1	0	0.7	0.7	0	0	0	0	0	0	0	0
5/29/2023 1:41	58402 MORO_T1	0	0	0	0	0	0	-0.61	-0.63	1	1	0	600	600	0
5/29/2023 1:50	52502 PROG_T2	0	0	0	0	0	0	-0.77	-0.77	-0.79	1	1	0	900	900	0
5/29/2023 2:09	56801 BENV_T1	33	38	5	1.36	1.31	-0.05	-0.92	-0.94	1	1	0	600	600	0
5/29/2023 2:25	64101 REFR_T1	0	0	0	0	0	0	-0.01	-0.01	0	0	0	0	0	0
5/29/2023 2:42	45902 AUBU_T1	6	14	8	0.12	0.13	0.01	-0.84	-0.82	0	0	0	0	0	0
5/29/2023 2:45	56802 BENV_T2	1	1	0	1	1	0	-1.51	-1.52	0	0	0	0	0	0
5/29/2023 2:49	45902 AUBU_T1	11	14	3	0.14	0.14	0	-0.82	-0.84	0	0	0	0	0	0
5/29/2023 3:12	63803 HEMP_T1	0	11	11	0	0.1	0.1	0	0	0	0	0	0	0	0
5/29/2023 3:20	43202 MVIL_T2	0	0	0	0	0	0	-0.74	-0.74	0	0	0	0	0	0
5/29/2023 3:23	11104 EGYP_T1	0	0	0	0	0	0	0.34	0.33	0	0	0	0	0	0
5/29/2023 3:34	40502 CRES_T2	0	0	0	0	0	0	0.29	0.3	0	0	0	0	0	0
5/29/2023 3:37	45902 AUBU_T1	5	8	3	0.12	0.15	0.03	0	0	0	0	0	0	0	0
5/29/2023 3:38	67204 TEHI_T2	117	104	-13	0.33	0.23	-0.1	-0.02	-0.02	0	0	0	0	0	0
5/29/2023 3:39	42802 SELI_T1	1	1	0	1.7	1.8	0.1	-0.09	-0.11	0	0	0	0	0	0
5/29/2023 3:39	56802 BENV_T2	1	1	0	1.3	1.2	-0.1	-1.48	-1.55	0	0	0	0	0	0
5/29/2023 3:47	16302 ALPA_T2	0	0	0	0	0	0	0.39	0.4	0	0	0	0	0	0
5/29/2023 3:52	15001 BLMO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
5/29/2023 4:01	44901 SCOT_T2	0	0	0	0	0	0	-0.57	-0.62	0	0	0	0	0	0
5/29/2023 4:02	29402 BELT_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
5/29/2023 4:02	45902 AUBU_T1	7	12	5	0.1	0.15	0.05	-0.85	-0.85	0	0	0	0	0	0
5/29/2023 4:22	52403 GRPA_T2	0	0	0	0	0	0	-0.13	-0.12	0	0	0	0	0	0
5/29/2023 4:26	52402 GRPA_T2	1	1	0	0.2	0.1	-0.1	0	0	0	0	0	0	0	0
5/29/2023 4:42	52403 GRPA_T2	0	0	0	0	0	0	-0.12	-0.06	0	0	0	0	0	0
5/29/2023 5:02	45902 AUBU_T1	9	13	4	0.14	0.14	0	-0.84	-0.85	0	0	0	0	0	0
5/29/2023 5:22	11104 EGYP_T1	0	0	0	0	0	0	0.33	0.32	0	0	0	0	0	0
5/29/2023 10:00	66505 SMAN_T2	0	1	1	0	0	0	0.73	0.54	2	2	0	1100	1100	0
5/29/2023 10:00	63804 HEMP_T1	1	1	0	6	6	0	0	0	0	0	0	0	0	0
5/29/2023 10:00	54501 ENOL_T2	0	0	0	0	0	0	-0.9	-0.88	2	2	0	1200	1200	0
5/29/2023 10:00	60801 BUCK_T1	59	97	38	0.27	0.34	0.07	0	0	0	0	0	0	0	0
5/29/2023 10:00	28601 BLYT_T2	0	1	1	0	0	0	0	0	0	0	0	0	0	0
5/29/2023 10:00	56802 BENV_T2	3	1	-2	0.47	0.9	0.43	-2.19	-2.04	0	0	0	0	0	0
5/29/2023 10:00	56801 BENV_T1	4	11	7	0.58	0.43	-0.15	-0.21	-0.15	0	0	0	0	0	0
5/29/2023 10:00	45602 WOOL_T1	0	0	0	0	0	0	0.52	0.56	0	0	0	0	0	0
5/29/2023 10:00	67603 WARW_T1	1	1	0	0.4	0.5	0.1	0	0	0	0	0	0	0	0
5/29/2023 10:00	52502 PROG_T2	0	0	0	0	0	0	-1.15	-1.14	2	2	0	1800	1800	0
5/29/2023 10:00	20401 ASHF_T2	26	50	24	0.23	0.22	-0.01	0	0	0	0	0	0	0	0
5/29/2023 10:00	46203 DANV_T2	3	4	1	0.23	0.33	0.1	0	0	0	0	0	0	0	0
5/29/2023 10:00	27102 GFLD_T2	1	1	0	0.4	0.4	0	0	0	0	0	0	0	0	0
5/29/2023 10:00	16302 ALPA_T2	0	0	0	0	0	0	0.65	0.69	0	0	0	0	0	0
5/29/2023 10:00	16301 ALPA_T1	0	0	0	0	0	0	-0.11	-0.08	0	0	0	0	0	0
5/29/2023 10:00	40901 JESH_T1	1	1	0	0.7	0.9	0.2	0	0	0	0	0	0	0	0
5/29/2023 10:00	47401 PENS_T1	0	0	0	0	0	0	0.88	0.92	0	0	0	0	0	0
5/29/2023 10:00	12605 MACA_T1	1	1	0	0.6	0.7	0.1	0	0	0	0	0	0	0	0
5/29/2023 10:00	10805 CHHI_T2	1	1	0	8.2	8.1	-0.1	-1	-0.91	0	0	0	0	0	0
5/29/2023 10:00	45902 AUBU_T1	368	266	-102	0.35	0.3	-0.05	-1.3	-1.3	0	0	0	0	0	0
5/29/2023 10:00	64801 MONE_T2	1	1	0	0.2	0.1	-0.1	0.98	1.02	0	0	0	0	0	0
5/29/2023 10:00	59101 WALK_T2	0	0	0	0	0	0	-0.8	-0.82	0	0	0	0	0	0
5/29/2023 10:00	57304 MOAL_T2	0	0	0	0	0	0	-0.4	-0.21	0	0	0	0	0	0
5/29/2023 10:00	58402 MORO_T1	0	0	0	0	0	0	-0.37	-0.39	1	1	0	600	600	0
5/29/2023 10:00	64101 REFR_T1	0	0	0	0	0	0	0.47	0.52	0	0	0	0	0	0
5/29/2023 10:00	11104 EGYP_T1	0	0	0	0	0	0	2.34	2.49	0	0	0	0	0	0
5/29/2023 10:00	29401 BELT_T1	33	27	-6	0.2	0.17	-0.03	0	0	0	0	0	0	0	0
5/29/2023 10:00	40502 CRES_T2	0	0	0	0	0	0	0.63	0.61	0	0	0	0	0	0
5/29/2023 10:00	52403 GRPA_T2	0	0	0	0	0	0	0.3	0.3	0	0	0	0	0	0
5/29/2023 10:00	67503 WEWI_T2	0	0	0	0	0	0	-0.02	-0.07	0	0	0	0	0	0
5/29/2023 10:00	52502 PROG_T2	0	0	0	0	0	0	-1.15	-1.14	2	2	0	1800	1800	0
5/29/2023 10:00	44901 SCOT_T2	42	6	-36	0.24	0.22	-0.02	-0.9	-0.81	0	0	0	0	0	0
5/29/2023 10:00	15001 BLMO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
5/29/2023 10:00	42802 SELI_T1	0	0	0	0	0	0	-1.32	-1.24	2	2	0	1800	1800	0
5/29/2023 10:00	43202 MVIL_T2	0	1	1	0	0	0	-0.62	-0.62	0	0	0	0	0	0
5/29/2023 10:00	56601 HAMP_T1	0	0	0	0	0	0	-0.18	-0.03	0	0	0	0	0	0
5/29/2023 10:07	47401 PENS_T1

Appendix C - Grid Benefits Achieved in Each Instance of Active Management

5/29/2023 12:05	15702 TANN_T2	0	0	0	0	0	0	0.63	0.66	0	0	0	0	0	0
5/29/2023 12:06	15001 BLMO_T1	0	1	1	0	0	0	0	0	0	0	0	0	0	0
5/29/2023 12:16	11102 EGYP_T1	2	6	4	1.1	1.9	0.8	0	0	0	0	0	0	0	0
5/29/2023 12:17	15001 BLMO_T1	0	1	1	0	0	0	0	0	0	0	0	0	0	0
5/29/2023 12:19	27102 GFLD_T2	1	1	0	1	1	0	0	0	0	0	0	0	0	0
5/29/2023 12:41	59102 WALK_T2	1	1	0	0.6	0.8	0.2	0	0	0	0	0	0	0	0
5/29/2023 12:52	17805 GILB_T2	0	0	0	0	0	0	0.33	0.37	0	0	0	0	0	0
5/29/2023 12:59	52403 GRPA_T2	0	0	0	0	0	0	0.23	0.21	0	0	0	0	0	0
5/29/2023 13:00	11104 EGYP_T1	0	0	0	0	0	0	0.65	0.64	0	0	0	0	0	0
5/29/2023 13:04	20403 ASHF_T2	6	5	-1	0.65	0.68	0.03	0.52	0.5	0	0	0	0	0	0
5/29/2023 13:06	20403 ASHF_T2	6	5	-1	0.65	0.68	0.03	0.52	0.5	0	0	0	0	0	0
5/29/2023 13:15	55001 NEWP_T1	0	1	1	0	0.1	0.1	-0.18	-0.16	1	1	0	600	600	0
5/29/2023 13:29	56802 BENV_T2	0	1	1	0	0.1	0.1	-0.39	-0.36	0	0	0	0	0	0
5/29/2023 13:35	45902 AUBU_T1	14	18	4	0.39	0.36	-0.03	-0.53	-0.54	0	0	0	0	0	0
5/29/2023 13:37	67502 WEWI_T2	0	1	1	0	0.5	0.5	0	0	0	0	0	0	0	0
5/29/2023 13:45	56802 BENV_T2	1	1	0	0.1	0.1	0	-0.36	-0.36	0	0	0	0	0	0
5/29/2023 14:05	42802 SELI_T1	0	0	0	0	0	0	-1.71	-1.63	1	1	0	900	900	0
5/29/2023 14:13	51604 DUKE_T2	1	1	0	0.2	0.2	0	-1.25	-1.28	1	1	0	900	900	0
5/29/2023 14:25	28604 BLYT_T2	0	0	0	0	0	0	-0.99	-1.01	0	0	0	0	0	0
5/29/2023 14:28	29402 BELT_T1	3	3	0	0.13	0.23	0.1	0	0	0	0	0	0	0	0
5/29/2023 14:34	29402 BELT_T1	3	1	-2	0.2	0.4	0.2	0	0	0	0	0	0	0	0
5/29/2023 14:36	11104 EGYP_T1	2	1	-1	0.8	0	-0.8	0.7	0.71	0	0	0	0	0	0
5/29/2023 14:36	28604 BLYT_T2	0	0	0	0	0	0	-1.01	-1	0	0	0	0	0	0
5/29/2023 14:50	57303 MOAL_T2	1	1	0	7.6	7.7	0.1	0	0	0	0	0	0	0	0
5/29/2023 14:57	56802 BENV_T2	1	0	-1	0.2	0	-0.2	-0.31	-0.34	0	0	0	0	0	0
5/29/2023 15:14	56802 BENV_T2	0	0	0	0	0	0	-0.34	-0.34	0	0	0	0	0	0
5/29/2023 15:17	56802 BENV_T2	0	0	0	0	0	0	-0.34	-0.34	0	0	0	0	0	0
5/29/2023 15:48	15001 BLMO_T1	1	1	0	0.5	0	-0.5	0	0	0	0	0	0	0	0
5/29/2023 15:53	40502 CRES_T2	8	7	-1	0.21	0.21	0	-0.48	-0.43	0	0	0	0	0	0
5/29/2023 15:58	54701 NEBL_T1	0	0	0	0	0	0	0	0	1	1	0	600	600	0
5/29/2023 16:04	15704 TANN_T1	0	0	0	0	0	0	-0.89	-0.89	0	0	0	0	0	0
5/29/2023 16:05	28604 BLYT_T2	0	0	0	0	0	0	-0.94	-0.95	0	0	0	0	0	0
5/29/2023 16:07	52401 GRPA_T2	0	1	1	0	0	0	-0.23	-0.24	0	0	0	0	0	0
5/29/2023 16:19	55001 NEWP_T1	0	1	1	0	0.4	0.4	-0.07	-0.01	1	1	0	600	600	0
5/29/2023 16:27	66901 SHIL_T2	0	0	0	0	0	0	-0.76	-0.8	1	1	0	1200	1200	0
5/29/2023 16:29	59101 WALK_T2	0	0	0	0	0	0	-0.19	-0.15	0	0	0	0	0	0
5/29/2023 16:36	58803 COCO_T1	2	2	0	0.95	1	0.05	0.07	0.07	1	1	0	600	600	0
5/29/2023 16:44	59101 WALK_T2	0	0	0	0	0	0	-0.15	-0.11	0	0	0	0	0	0
5/29/2023 16:52	48302 ORWI_T2	2	2	0	1	1.05	0.05	0.15	0.17	0	0	0	0	0	0
5/29/2023 16:55	64801 MONE_T2	0	0	0	0	0	0	0.59	0.61	0	0	0	0	0	0
5/29/2023 16:56	58402 MORO_T1	0	0	0	0	0	0	-1.04	-1.07	2	2	0	1500	1500	0
5/29/2023 17:01	63402 HONY_T2	0	1	1	0	0.6	0.6	0	0	0	0	0	0	0	0
5/29/2023 17:04	56802 BENV_T2	1	1	0	0.5	0.4	-0.1	-0.96	-0.91	0	0	0	0	0	0
5/29/2023 17:10	56802 BENV_T2	1	1	0	0.5	0.4	-0.1	-0.96	-0.91	0	0	0	0	0	0
5/29/2023 17:13	46506 LOHA_T1	0	0	0	0	0	0	-1.3	-1.3	1	1	0	900	900	0
5/29/2023 17:22	42002 MNVL_T2	0	0	0	0	0	0	0.29	0.28	0	0	0	0	0	0
5/29/2023 17:48	40501 CRES_T2	0	1	1	0	0.1	0.1	0	0	0	0	0	0	0	0
5/29/2023 18:20	44502 HAMI_T2	1	1	0	1.7	1.7	0	-0.57	-0.57	0	0	0	0	0	0
5/29/2023 20:09	59102 WALK_T2	0	1	1	0	0.2	0.2	0	0	0	0	0	0	0	0
5/29/2023 20:23	20403 ASHF_T2	0	3	3	0	0.13	0.13	0.4	0.39	0	0	0	0	0	0
5/29/2023 20:25	28604 BLYT_T2	0	0	0	0	0	0	-1.09	-1.08	0	0	0	0	0	0
5/29/2023 20:32	52403 GRPA_T2	0	0	0	0	0	0	0.24	0.21	0	0	0	0	0	0
5/29/2023 20:49	29402 BELT_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
5/29/2023 21:01	56802 BENV_T2	1	1	0	0.6	0.4	-0.2	-1.1	-0.42	0	0	0	0	0	0
5/29/2023 21:04	56802 BENV_T2	1	1	0	0.6	0.4	-0.2	-0.42	-0.48	0	0	0	0	0	0
5/29/2023 21:16	67503 WEWI_T2	0	0	0	0	0	0	0.03	-0.06	0	0	0	0	0	0
5/29/2023 21:19	66901 SHIL_T2	0	0	0	0	0	0	-1.18	-1.22	1	1	0	1200	1200	0
5/29/2023 21:45	42802 SELI_T1	0	1	1	0	0.4	0.4	-1.12	-1.16	0	0	0	0	0	0
5/29/2023 22:04	56802 BENV_T2	1	1	0	0.8	0.4	-0.4	-0.58	-0.59	0	0	0	0	0	0
5/29/2023 22:07	60801 BUCK_T1	121	175	54	0.47	0.76	0.29	0	0	0	0	0	0	0	0
5/29/2023 22:11	56802 BENV_T2	1	1	0	0.8	0.4	-0.4	-0.58	-0.59	0	0	0	0	0	0
5/29/2023 22:13	66505 SMAN_T2	1	0	-1	0.1	0	-0.1	0.15	0.08	1	1	0	900	900	0
5/29/2023 22:15	17803 GILB_T2	0	7	7	0	0.13	0.13	0	0	0	0	0	0	0	0
5/29/2023 22:19	51604 DUKE_T2	0	4	4	0	0.15	0.15	-1.47	-1.52	1	1	0	900	900	0
5/29/2023 22:32	48901 FOSP_T2	0	0	0	0	0	0	0.26	0.24	0	0	0	0	0	0
5/29/2023 22:33	55002 NEWP_T1	5	6	1	0.46	0.87	0.41	0	0	0	0	0	0	0	0
5/29/2023 22:34	55001 NEWP_T1	0	0	0	0	0	0	-0.54	-0.53	1	1	0	600	600	0
5/29/2023 22:35	57303 MOAL_T2	1	1	0	7.6	7	-0.6	0	0	0	0	0	0	0	0
5/29/2023 22:37	15001 BLMO_T1	3	0	-3	0.1	0	-0.1	0	0	0	0	0	0	0	0
5/29/2023 22:39	27101 GFLD_T2	0	0	0	0	0	0	0.35	0.31	0	0	0	0	0	0
5/29/2023 22:41	56802 BENV_T2	1	1	0	0.4	0.9	0.5	-0.62	-0.64	0	0	0	0	0	0
5/29/2023 22:49	42802 SELI_T1	1	1	0	0.9	0.9	0	-1.24	-1.29	0	0	0	0	0	0
5/29/2023 22:50	28403 HART_T2	0	0	0	0	0	0	-0.56	-0.59	1	1	0	900	900	0
5/29/2023 22:52	48302 ORWI_T2	2	2	0	1.85	2.1	0.25	-0.22	-0.26	0	0	0	0	0	0
5/29/2023 22:52	58803 COCO_T1	2	2	0	1.9	2.2	0.3	0.03	-0.03	0	0	0	0	0	0
5/29/2023 22:58	43202 MVIL_T2	0	0	0	0	0	0	-0.68	-0.69	0	0	0	0	0	0
5/29/2023 23:01	46504 LOHA_T1	4	39	35	0.8	0.43	-0.37	0	0	0	0	0	0	0	0
5/29/2023 23:02	45902 AUBU_T1	314	398	84	0.28	0.32	0.04	-0.72	-0.72	0	0	0	0	0	0
5/29/2023 23:04	46302 ROHR_T1	3	3	0	1.13	1.2	0.07	0.14	0.15	0	0	0	0	0	0
5/29/2023 23:05	63403 HONY_T2	0	0	0	0	0	0	0.31	0.27	0	0	0	0	0	0
5/29/2023 23:07	45602 WOOL_T1	0	0	0	0	0	0	0.59	0.54	0	0	0	0	0	0
5/29/2023 23:14	58402 MORO_T1	0	0	0	0	0	0	-0.51	-0.49	1	1	0	600	600	0
5/29/2023 23:16	54701 NEBL_T1	2	2	0	1.05	1.05	0	0	0	1	1	0	600	600	0
5/29/2023 23:20	42002 MNVL_T2	0	0	0	0	0	0	0.06	0.06	0	0	0	0	0	0
5/29/2023 23:26	15001 BLMO_T1	3	4	1	0.1	0.35	0.25	0	0	0	0	0	0	0	0
5/29/2023 23:26	48901 FOSP_T2	0	0	0	0	0	0	0.21	0.21	0	0	0	0	0	0
5/29/2023 23:31	10805 CHHI_T2	1	1	0	8	8.1	0.1	-0.61	-0.62	0	0	0	0	0	0
5/29/2023 23:32	64801 MONE_T2	0	0	0	0	0	0	0.36	0.31	0	0	0	0	0	0
5/29/2023 23:33	44802 EDAN_T2	0	0	0	0	0	0	-1.7	-1.71	1	1	0	1200	1200	0
5/29/2023 23:36	44801 EDAN_T2	1	1	0	0.6	0	-0.6	0	0	0	0	0	0	0	0
5/29/2023 23:37	40501 CRES_T2	2	6	4	0.15	0.17	0.02	0	0	0	0	0	0	0	0
5/29/2023 23:38	40501 CRES_T2	2	6	4	0.15	0.17	0.02	0	0	0	0	0	0	0	0
5/29/2023 23:39	66505 SMAN_T2	3	4	1	0.5	0.8	0.3	-0.05	-0.26	1	1	0	900	900	0
5/29/2023 23:44	28403 HART_T2	0	0	0	0	0	0	-0.59	-0.62	1	1	0	900	900	0
5/29/2023 23:50	11104 EGYP_T1	0	0	0	0	0	0	0.59	0.53	0	0	0	0	0	0
5/29/2023 23:54	11104 EGYP_T1	0	0	0	0	0	0	0.59	0.53	0	0	0	0	0	0
5/29/2023 23:56	61202 REIN_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
5/30/2023 0:02	29402 BELT_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
5/30/2023 0:04	15703 TANN_T2	2	2	0	5.6	6.05	0.45	0	0	0	0	0	0	0	0
5/30/2023 0:04	11104 EGYP_T1	0	0	0	0	0	0	0.53	0.54	0	0	0	0	0	0
5/30/2023 0:14	44502 HAMI_T2	1	1	0	3.3	3.4	0.1	-0.87	-0.96	0	0	0	0	0	0
5/30/2023 0:20	67502 WEWI_T2	0	0	0	0	0	0	-0.58	-0.63	0	0	0	0	0	0
5/30/2023 0:24	15702 TANN_T2	0	0	0	0	0	0	0.39	0.36	0	0	0	0	0	0
5/30/2023 0:28	44502 HAMI_T2	1	1	0	3.2	3.5	0.3	-0.96	-0.87	0	0	0	0	0	0
5/30/2023 0:28	46501 LOHA_T1	0	1	1	0	0.2	0.2	0	0	0	0	0	0	0	0
5/30/2023 0:28	28403 HART_T2	0	0	0	0	0	0	-1.24	-1.34	2	2	0	1800	1800	0
5/30/2023 0:28	11104 EGYP_T1	0	0	0	0	0	0	1.62	1.26	0	0	0	0	0	0
5/30/2023 0:28	64801 MONE_T2	0	0	0	0	0	0	0.29	0.29	0	0	0	0	0	0
5/30/2023 0:28	58402 MORO_T1	0	0	0	0	0	0	-0.58	-0.64	1	1	0	600	600	0
5/30/2023 0:28	43202 MVIL_T2	0	0	0	0	0	0	-0.73	-0.74	0	0	0	0	0	0
5/30/2023 0:28	29402 BELT_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
5/30/2023 0:28	66505 SMAN_T2	2	3	1	0.95	0.7	-0.25	-0.38	-0.57	2	2	0	1800	1800	0
5/30/2023 0:28	45602 WOOL_T1	0	0	0	0	0	0	0.43	0.48	0	0	0	0	0	0
5/30/2023 0:28	44802 EDAN_T2	0	0	0	0	0	0	-3.56	-3.6	2	2	0	2400	2400	0
5/30/2023 0:28	15001 BLMO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
5/30/2023 0:28	29401 BELT_T1	0	0	0	0	0	0	0	0	2	2	0	1800	1800	0
5/30/2023 0:28	60801 BUCK_T1	155	170	15	0.4	0.59	0.19	0	0	0	0	0	0	0	0
5/30/2023 0:28	55002 NEWP_T1	3	4	1	0.3	0.28	-0.02	0	0	0	0	0	0	0	0
5/30/2023 0:28	27101 GFLD_T2	0	0	0	0	0	0	0.27	0.27	0	0	0	0	0	0
5/30/2023 0:28	45902 AUBU_T1	60	1	-59	0.22	0.1	-0.12	-0.7	-0.71	0	0	0	0	0	0
5/30/2023 0:28	48901 FOSP_T2	0	0	0	0	0	0	0.19	0.19	0	0	0	0	0	0
5/30/2023 0:28	63403 HONY_T2	0	0	0	0	0	0	0.22	0.21	0	0	0	0	0	0
5/30/2023 0:28	40502 CRES_T2	3	0	-3	0.1	0	-0.1	0.8	0.74	0	0	0	0	0	0
5/30/2023 0:28	42802 SELI_T1	2	1	-1	1.25	0.8	-0.45	-0.07	-0.1	0	0	0	0	0	0
5/30/2023 0:28	15703 TANN_T2	2	2	0	6.3	6.05	-0.25	0	0	0	0	0	0	0	0
5/30/2023 0:28	48302 ORWI_T2	2	2	0	1.95	1.7	-0.25	-0.32	-0.36	0	0	0	0	0	0
5/30/2023 0:28	67502 WEWI_T2	0	0	0	0	0	0	-0.58	-0.63	0	0	0	0	0	0
5/30/2023 0:28	46302 ROHR_T1	3	3	0	0.87	1	0.13	0.12	0.12	0	0	0	0	0	0
5/30/2023 0:28	61202 REIN_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
5/30/2023 0:28	42002 MNVL_T2	0	0	0	0	0	0	-0.04	-0.03	0	0	0	0	0	0
5/30/2023 0:28	56802 BENV_T2	1	1	0	0.4	0.6	0.2	-2.8	-2.82	0	0	0	0	0	0
5/30/2023 0:32	64801 MONE_T2	0	0	0	0	0	0	0.29	0.29	0	0	0	0	0	0
5/30/2023 0:34	58402 MORO_T1	0	0	0	0	0	0	-0.64	-0.66	1	1	0	600	600	0
5/30/2023 0:36	44802 EDAN_T2	0	0	0	0	0	0	-1.8	-1.8	1	1	0	1200	1200	0
5/30/2023 0:41	46504 LOHA_T1	2	2	0	0.25	1.3	1.05	0	0	0	0	0	0	0	0
5/30/2023 1:04	15704 TANN_T1	90	16	-74	0.17	0.11	-0.06	-1.57	-1.6	0	0	0	0	0	0
5/30/2023 1:20	42002 MNVL_T2	0	0	0	0	0	0	-0.04	-0.1	0	0	0	0	0	0
5/30/2023 1:24	28403 HART_T2	0	0	0	0	0	0	-0.65	-0.67	1	1	0	900	900	0
5/30/2023 1:50	11104 EGYP_T1	0	0	0	0	0	0	0.37	0.36	0	0	0	0	0	0
5/30/2023 1:54	11104 EGYP_T1	0	0	0	0	0	0	0.37	0.36	0	0	0	0	0	0
5/30/2023 1:58	40502 CRES_T2	0	8	8	0	0.16	0.16	0.34	0.35	0	0	0	0	0	0
5/30/2023 2:06	15703 TANN_T2	2	2	0	6.35	6.2	-0.15	0	0	0	0	0	0	0	0
5/30/2023 2:07	15703 TANN_T2	2	2	0	6.35	6.2	-0.15	0	0	0	0	0	0	0	0
5/30/2023 2:13	55002 NEWP_T1	2	5	3	0.25	0.46	0.21	0	0	0	0	0	0	0	0
5/30/2023 2:14	52404 GRPA_T2	0	1	1	0	0.2	0.2	0	0	0	0	0	0	0	0
5/30/2023 2:18	40502 CRES_T2	8	14	6	0.16	0.16	0	0.35	0.34	0	0	0	0	0	0
5/30/2023 2:18	43202 MVIL_T2	0	0	0	0	0	0	-0.74	-0.74	0	0	0	0	0	0
5/30/2023 2:29	42802 SELI_T1	1	1	0	1.3	1.5	0.2	-0.15	-0.15	0	0	0	0	0	0
5/30/2023 2:30	28403 HART_T2	0	0	0	0	0	0	-0.68	-0.66	1	1	0	900	900	0
5/30/2023 2:33	45902 AUBU_T1	4	1	-3	0.13	0.1	-0.03	-0.73	-0.73	0	0	0	0	0	0
5/30/2023 2:37	15001 BLMO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
5/30/2023 2:41	56802 BENV_T2	1	1	0	0.8	1	0.2	-1.51	-1.46	0	0	0	0	0	0
5/30/2023 2:44	56802 BENV_T2	1	1	0	0.8	1	0.2	-1.51	-1.46	0	0	0	0	0	0
5/30/2023 2:44	45902 AUBU_T1	4	1	-3	0.13	0.1	-0.03	-0.73	-0.74	0	0	0	0	0	0
5/30/2023 2:47	45602 WOOL_T1	0	1	1	0	0.1	0.1	0.4	0.37	0	0	0	0	0	0
5/30/2023 2:47	60803 BUCK_T1	0	13	13	0	0.2	0.2	-1.8	-1.79	1	1	0	600	600	0
5/30/2023 2:54	44502 HAMI_T2	1	1	0	4	4.1	0.1	-1.02	-1.03	0	0	0	0	0	0
5/30/2023 2:59	66505 SMAN_T2	0	0	0	0	0	0	-0.26	-0.23	1	1	0	900	900	0
5/30/2023 3:02	29402 BELT_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
5/30/2023 3:02	45902 AUBU_T1	0	0	0	0	0	0	-0.74	-0.78	0	0	0	0	0	0
5/30/2023 3:04	46302 ROHR_T1	3	3	0	0.9	1.13	0.23	0.04	0.06	0	0	0	0	0	0
5/30/2023 3:05	48901 FOSP_T2	0	0	0	0	0	0	-0.5	-0.51	1	1	0	600	600	0
5/30/2023 3:13	67502 WEWI_T2	0	0	0	0	0	0	-0.7	-0.71	0	0	0	0	0	0
5/30/2023 3:33	44802 EDAN_T2	0	0	0	0	0	0	-1.9	-1.91	1	1	0	1200	1200	0
5/30/2023 3:36	61202 REIN_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
5/30/2023 3:39	27101 GFLD_T2	0	0	0	0	0	0	0.21	0.21	0	0	0	0	0	0
5/30/2023 3:52	48302 ORWI_T2	2	2	0	1.85	1.7	-0.15	-0.39	-0.36	0	0	0	0	0	0
5/30/2023 3:53	66505 SMAN_T2	0	0	0	0	0	0	-0.22	-0.26	1	1	0	900	900	0
5/30/2023 4:24	11104 EGYP_T1	0	0	0	0	0	0	0.33	0.33	0	0	0	0	0	0
5/30/2023 4:34	55002 NEWP_T1	6	6	0	0.43	0.47	0.04	0	0	0	0	0	0	0	0
5/30/2023 4:53	45902 AUBU_T1	0	0	0	0	0	0	-0.65	-0.63	0	0	0	0	0	0
5/30/2023 5:05	63402 HONY_T2	1	1	0	1.3	1.1	-0.2	0	0	0	0	0	0	0	0
5/30/2023 5:16	63403 HONY_T2	0	0	0	0	0	0	0.16	0.15	0	0	0	0	0	0
5/30/2023 5:45	63402 HONY_T2	1	1	0	0.9	1	0.1	0	0	0	0	0	0	0	0
5/30/2023 8:38	41302 FISH_T2	1	1	0	0	0	0	0	0	0	0	0	0	0	0
5/30/2023 9:51	65005 NEFF_T2	1	1	0	1	1	0	0	0	0	0	0	0	0	0
5/30/2023 10:00	51602 DUKE_T2	1	1	0	0.2	0.1	-0.1	0	0	0	0	0	0	0	0
5/30/2023 10:00	46302 ROHR_T1	4	4	0	0.85	0.85	0	0.14	0.15	0	0	0	0	0	0
5/30/2023 10:00	65002 NEFF_T2	355	327	-28	0.3

Appendix C - Grid Benefits Achieved in Each Instance of Active Management

5/30/2023 10:12	15704 TANN_T1	0	0	0	0	0	0	-1.15	-1.19	0	0	0	0	0	0
5/30/2023 10:21	66504 SMAN_T2	1	2	1	0.1	0.35	0.25	0	0	0	0	0	0	0	0
5/30/2023 10:24	17804 GILB_T2	0	1	1	0	0.1	0.1	0	0	0	0	0	0	0	0
5/30/2023 10:25	52403 GRPA_T2	2	2	0	0.2	0.3	0.1	0	0	0	0	0	0	0	0
5/30/2023 10:27	67503 WEWI_T2	0	0	0	0	0	0	-0.17	-0.07	0	0	0	0	0	0
5/30/2023 10:29	54505 ENOL_T2	1	1	0	0.5	0.3	-0.2	0	0	0	0	0	0	0	0
5/30/2023 10:39	15001 BLMO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
5/30/2023 10:40	55001 NEWP_T1	0	2	1	0	0.2	0.2	0.27	0.22	0	0	0	0	0	0
5/30/2023 10:49	42802 SELI_T1	0	0	0	0	0	0	-0.55	-0.49	1	1	0	900	900	0
5/30/2023 10:53	60803 BUCK_T1	0	1	-1	0	0	0	-0.73	-0.74	1	1	0	600	600	0
5/30/2023 10:56	46702 RENO_T1	1	0	-1	0.2	0	-0.2	-0.03	-0.01	0	0	0	0	0	0
5/30/2023 10:58	43202 MVIL_T2	0	0	0	0	0	0	-0.54	-0.55	0	0	0	0	0	0
5/30/2023 11:03	46701 RENO_T1	1	1	0	1.4	1.8	0.4	0	0	0	0	0	0	0	0
5/30/2023 11:03	52402 GRPA_T2	1	4	3	0.1	0.3	0.2	0	0	0	0	0	0	0	0
5/30/2023 11:07	55101 WERT_T1	0	0	0	0	0	0	-1.36	-1.44	3	3	0	2400	2400	0
5/30/2023 11:07	56801 BENV_T1	16	10	-6	0.61	0.54	-0.07	-0.05	-0.06	0	0	0	0	0	0
5/30/2023 11:12	40902 JESH_T1	0	0	0	0	0	0	-0.41	-0.46	4	4	0	2400	2400	0
5/30/2023 11:13	60801 BUCK_T1	157	162	5	0.42	0.41	-0.01	0	0	0	0	0	0	0	0
5/30/2023 11:13	44801 EDAN_T2	0	1	1	0	0	0	0	0	0	0	0	0	0	0
5/30/2023 11:14	56802 BENV_T2	5	6	1	0.46	0.38	-0.08	-0.6	-0.54	0	0	0	0	0	0
5/30/2023 11:15	42701 AUGU_T1	1	0	-1	0.3	0	-0.3	0	0	2	2	0	1800	1800	0
5/30/2023 11:16	56802 BENV_T2	4	4	0	0.45	0.43	-0.02	-0.6	-0.54	0	0	0	0	0	0
5/30/2023 11:18	55001 NEWP_T1	0	0	0	0	0	0	0.26	0.26	0	0	0	0	0	0
5/30/2023 11:19	27101 GFLD_T2	0	2	2	0	0	0	0	0	2	2	0	1200	1200	0
5/30/2023 11:20	52502 PROG_T2	0	2	2	0	0.1	0.1	-0.57	-0.57	1	1	0	900	900	0
5/30/2023 11:21	42701 AUGU_T1	1	0	-1	0.3	0	-0.3	0	0	2	2	0	1800	1800	0
5/30/2023 11:22	56801 BENV_T1	10	9	-1	0.54	0.5	-0.04	-0.06	-0.02	0	0	0	0	0	0
5/30/2023 11:22	54701 NEBL_T1	1	2	1	1.4	0.6	-0.8	0	0	1	1	0	600	600	0
5/30/2023 11:23	45702 LIND_T2	1	1	0	0.7	1.4	0.7	-0.45	-0.42	0	0	0	0	0	0
5/30/2023 11:24	47403 PENS_T1	1	1	0	2	1.4	-0.6	0	0	0	0	0	0	0	0
5/30/2023 11:25	66505 SMAN_T2	0	0	0	0	0	0	0.8	0.88	2	2	0	1100	1100	0
5/30/2023 11:27	54701 NEBL_T1	1	2	1	1.4	0.6	-0.8	0	0	1	1	0	600	600	0
5/30/2023 11:30	42701 AUGU_T1	0	0	0	0	0	0	0	0	2	2	0	1800	1800	0
5/30/2023 11:36	44801 EDAN_T2	1	1	0	0.1	0.3	0.2	0	0	0	0	0	0	0	0
5/30/2023 11:36	53501 EVIL_T2	1	2	1	0.1	0.7	0.6	0.45	-0.22	1	1	0	600	600	0
5/30/2023 11:40	67502 WEWI_T2	3	3	0	0.43	0.47	0.04	0.02	-0.09	0	0	0	0	0	0
5/30/2023 11:40	52502 PROG_T2	2	1	-1	0.1	0.1	0	-0.57	-0.57	1	1	0	900	900	0
5/30/2023 11:43	64801 MONE_T2	1	1	0	0.5	0.6	0.1	0.31	0.32	0	0	0	0	0	0
5/30/2023 11:47	44802 EDAN_T2	0	0	0	0	0	0	-1.52	-1.52	1	1	0	1200	1200	0
5/30/2023 11:49	52403 GRPA_T2	3	4	1	0.37	0.38	0.01	0.13	0.13	0	0	0	0	0	0
5/30/2023 11:52	24105 EHAZ_T1	4	4	0	5.98	6.08	0.1	0	0	0	0	0	0	0	0
5/30/2023 11:56	28403 HART_T2	0	0	0	0	0	0	-0.58	-0.58	1	1	0	900	900	0
5/30/2023 11:58	64802 MONE_T2	2	4	2	0.55	0.38	-0.17	0	0	0	0	0	0	0	0
5/30/2023 12:04	42903 MIDD_T2	0	4	4	0	0.15	0.15	0	0	0	0	0	0	0	0
5/30/2023 12:04	29402 BELT_T1	1	2	1	0.1	0.15	0.05	0	0	0	0	0	0	0	0
5/30/2023 12:04	28403 HART_T2	0	0	0	0	0	0	-0.58	-0.56	1	1	0	900	900	0
5/30/2023 12:08	15702 TANN_T2	0	0	0	0	0	0	0.61	0.63	0	0	0	0	0	0
5/30/2023 12:11	10805 CHHI_T2	1	1	0	7.7	8	0.3	-1.29	-1.11	2	2	0	1800	1800	0
5/30/2023 12:14	56801 BENV_T1	10	10	0	0.58	0.7	0.12	-0.02	0	0	0	0	0	0	0
5/30/2023 12:14	56802 BENV_T2	26	31	5	0.27	0.39	0.12	-1.2	-1.19	0	0	0	0	0	0
5/30/2023 12:14	29402 BELT_T1	1	2	1	0.1	0.15	0.05	0	0	0	0	0	0	0	0
5/30/2023 12:23	15702 TANN_T2	0	0	0	0	0	0	0.63	0.64	0	0	0	0	0	0
5/30/2023 12:23	10805 CHHI_T2	1	1	0	8	8.1	0.1	-1.11	-1.03	2	2	0	1800	1800	0
5/30/2023 12:29	15703 TANN_T2	2	2	0	6.95	6.95	0	0	0	0	0	0	0	0	0
5/30/2023 12:34	15702 TANN_T2	0	0	0	0	0	0	0.64	0.63	0	0	0	0	0	0
5/30/2023 12:48	15702 TANN_T2	0	0	0	0	0	0	0.64	0.63	0	0	0	0	0	0
5/30/2023 12:49	15702 TANN_T2	0	0	0	0	0	0	0.63	0.6	0	0	0	0	0	0
5/30/2023 13:00	20403 ASHF_T2	5	5	0	0.54	0.8	0.26	1.47	1.53	0	0	0	0	0	0
5/30/2023 13:05	42802 SELI_T1	0	0	0	0	0	0	-0.38	-0.48	1	1	0	900	900	0
5/30/2023 13:32	44801 EDAN_T2	1	1	0	1.1	1.1	0	0	0	0	0	0	0	0	0
5/30/2023 13:49	56801 BENV_T1	27	20	-7	0.61	0.64	0.03	-0.56	-0.57	1	1	0	600	600	0
5/30/2023 13:58	52402 GRPA_T2	9	8	-1	0.32	0.28	-0.04	0	0	0	0	0	0	0	0
5/30/2023 14:06	40502 CRES_T2	0	0	0	0	0	0	0.19	0.21	0	0	0	0	0	0
5/30/2023 14:09	42701 AUGU_T1	0	0	0	0	0	0	0	0	2	2	0	1800	1800	0
5/30/2023 14:09	56802 BENV_T2	5	5	0	0.66	0.44	-0.22	-1.11	-1.08	0	0	0	0	0	0
5/30/2023 14:20	41902 REED_T1	0	4	4	0	0.2	0.2	1.29	1.26	0	0	0	0	0	0
5/30/2023 14:22	58803 COCO_T1	2	2	0	1.8	1.8	0	0.09	0.08	0	0	0	0	0	0
5/30/2023 14:24	28604 BLYT_T2	0	0	0	0	0	0	-1.15	-1.14	0	0	0	0	0	0
5/30/2023 14:35	45902 AUBU_T1	0	0	0	0	0	0	-0.3	-0.26	1	1	0	600	600	0
5/30/2023 14:37	28604 BLYT_T2	0	0	0	0	0	0	-1.14	-1.13	0	0	0	0	0	0
5/30/2023 14:45	45902 AUBU_T1	0	0	0	0	0	0	-0.3	-0.26	1	1	0	600	600	0
5/30/2023 14:51	10805 CHHI_T2	1	1	0	8.2	7.7	-0.5	-1.1	-1.47	2	2	0	1800	1800	0
5/30/2023 15:04	28604 BLYT_T2	0	0	0	0	0	0	-1.09	-1.08	0	0	0	0	0	0
5/30/2023 15:05	48901 FOSP_T2	0	0	0	0	0	0	-0.32	-0.35	1	1	0	600	600	0
5/30/2023 15:12	40903 JESH_T1	0	277	277	0	0.51	0.51	0	0	0	0	0	0	0	0
5/30/2023 15:15	56803 BENV_T1	1	1	0	1	0	-1	0	0	0	0	0	0	0	0
5/30/2023 15:42	60101 COCA_T1	1	1	0	0.6	0.6	0	0.62	0.56	0	0	0	0	0	0
5/30/2023 15:43	64801 MONE_T2	0	0	0	0	0	0	0.47	0.5	0	0	0	0	0	0
5/30/2023 15:52	46506 LOHA_T1	0	1	1	0	0.3	0.3	-1.38	-1.34	1	1	0	900	900	0
5/30/2023 15:56	46506 LOHA_T1	0	1	1	0	0.3	0.3	-1.38	-1.34	1	1	0	900	900	0
5/30/2023 16:02	54701 NEBL_T1	0	0	0	0	0	0	0	0	1	1	0	600	600	0
5/30/2023 16:22	45901 AUBU_T1	0	0	0	0	0	0	1.59	1.56	0	0	0	0	0	0
5/30/2023 16:27	56803 BENV_T1	1	1	0	0.8	0	-0.8	0	0	0	0	0	0	0	0
5/30/2023 16:28	17805 GILB_T2	0	0	0	0	0	0	0.24	0.25	0	0	0	0	0	0
5/30/2023 16:30	17805 GILB_T2	0	0	0	0	0	0	0.24	0.25	0	0	0	0	0	0
5/30/2023 16:30	56802 BENV_T2	1	1	0	0.8	0.6	-0.2	-1.09	-1.1	0	0	0	0	0	0
5/30/2023 16:35	43304 WATS_T2	0	3	3	0	0	0	0	0	0	0	0	0	0	0
5/30/2023 16:36	28403 HART_T2	0	0	0	0	0	0	-0.46	-0.34	1	1	0	900	900	0
5/30/2023 16:38	42201 SHEN_T2	1	2	1	0.7	0.55	-0.15	0.28	0.27	1	1	0	600	600	0
5/30/2023 16:44	41602 CLEV_T1	0	0	0	0	0	0	0	0	3	3	0	1800	1800	0
5/30/2023 17:03	11104 EGYP_T1	5	6	1	0.44	0.8	0.36	1.04	1.06	0	0	0	0	0	0
5/30/2023 17:08	46502 LOHA_T1	0	1	1	0	0	0	0	0	0	0	0	0	0	0
5/30/2023 17:08	17805 GILB_T2	0	0	0	0	0	0	0.22	0.23	0	0	0	0	0	0
5/30/2023 17:15	45902 AUBU_T1	0	0	0	0	0	0	-0.49	-0.4	1	1	0	600	600	0
5/30/2023 17:17	56801 BENV_T1	8	7	-1	0.43	0.3	-0.13	-0.42	-0.4	1	1	0	600	600	0
5/30/2023 17:24	45601 WOOL_T1	1	1	0	0	0	0	0	0	0	0	0	0	0	0
5/30/2023 17:42	40502 CRES_T2	0	0	0	0	0	0	0.33	0.36	0	0	0	0	0	0
5/30/2023 17:43	66901 SHIL_T2	0	0	0	0	0	0	-0.87	-0.87	1	1	0	1200	1200	0
5/30/2023 18:04	29401 BELT_T1	0	2	2	0	0.1	0.1	0	0	0	0	0	0	0	0
5/30/2023 18:09	67103 SPRI_T1	0	0	0	0	0	0	-0.06	-0.07	0	0	0	0	0	0
5/30/2023 18:17	16302 ALPA_T2	0	0	0	0	0	0	-0.34	-0.4	0	0	0	0	0	0
5/30/2023 18:46	16301 ALPA_T1	1	3	2	0.3	0.3	0	-1.2	-1.25	0	0	0	0	0	0
5/30/2023 19:49	56802 BENV_T2	2	7	5	0.6	0.27	-0.33	-1.09	-1.14	0	0	0	0	0	0
5/30/2023 20:05	67103 SPRI_T1	0	0	0	0	0	0	-0.12	-0.07	0	0	0	0	0	0
5/30/2023 20:24	28604 BLYT_T2	0	0	0	0	0	0	-1.13	-1.14	0	0	0	0	0	0
5/30/2023 20:37	20401 ASHF_T2	37	65	28	0.22	0.28	0.06	0	0	0	0	0	0	0	0
5/30/2023 20:47	45702 LIND_T2	1	1	0	0.3	0.8	0.5	-0.33	-0.37	0	0	0	0	0	0
5/30/2023 20:51	24105 EHAZ_T1	4	4	0	6.33	6.33	0	0	0	0	0	0	0	0	0
5/30/2023 20:56	15702 TANN_T2	0	0	0	0	0	0	0.56	0.55	0	0	0	0	0	0
5/30/2023 20:58	52502 PROG_T2	1	1	0	1.5	0.5	-1	-0.4	-0.46	1	1	0	900	900	0
5/30/2023 21:00	15703 TANN_T2	2	2	0	6.4	6.15	-0.25	0	0	0	0	0	0	0	0
5/30/2023 21:09	56802 BENV_T2	11	2	-9	0.29	0.65	0.36	-1.25	-0.56	0	0	0	0	0	0
5/30/2023 21:23	47401 PENS_T1	0	0	0	0	0	0	0.99	1.04	0	0	0	0	0	0
5/30/2023 21:28	42701 AUGU_T1	0	0	0	0	0	0	0	0	2	2	0	1800	1800	0
5/30/2023 21:47	42701 AUGU_T1	0	1	1	0	0.2	0.2	0	0	2	2	0	1800	1800	0
5/30/2023 22:08	58803 COCO_T1	2	2	0	1.45	1.6	0.15	0.03	-0.03	0	0	0	0	0	0
5/30/2023 22:09	66505 SMAN_T2	0	0	0	0	0	0	0.29	0.09	1	1	0	900	900	0
5/30/2023 22:09	10805 CHHI_T2	1	1	0	8.1	8.1	0	-0.72	-0.82	0	0	0	0	0	0
5/30/2023 22:11	17805 GILB_T2	0	0	0	0	0	0	-0.11	-0.15	0	0	0	0	0	0
5/30/2023 22:20	45901 AUBU_T1	0	0	0	0	0	0	1.49	1.46	0	0	0	0	0	0
5/30/2023 22:25	52403 GRPA_T2	0	0	0	0	0	0	-0.04	-0.08	0	0	0	0	0	0
5/30/2023 22:27	48901 FOSP_T2	0	0	0	0	0	0	0.29	0.31	0	0	0	0	0	0
5/30/2023 22:30	67503 WEWI_T2	0	0	0	0	0	0	-0.26	-0.27	0	0	0	0	0	0
5/30/2023 22:34	53501 EVIL_T2	8	11	3	0.24	0.43	0.19	-0.58	-0.61	0	0	0	0	0	0
5/30/2023 22:39	66901 SHIL_T2	0	0	0	0	0	0	-1.3	-1.33	1	1	0	1200	1200	0
5/30/2023 22:39	27101 GFLD_T2	0	0	0	0	0	0	0	0	1	1	0	600	600	0
5/30/2023 22:45	67204 TEHI_T2	0	16	16	0	0.11	0.11	-0.26	0.05	0	0	0	0	0	0
5/30/2023 22:47	52404 GRPA_T2	1	3	2	1.2	0.53	-0.67	0	0	0	0	0	0	0	0
5/30/2023 22:52	48302 ORWI_T2	2	2	0	2.25	2.25	0	-0.3	-0.31	0	0	0	0	0	0
5/30/2023 22:55	46702 RENO_T1	0	0	0	0	0	0	-0.09	-0.08	0	0	0	0	0	0
5/30/2023 22:56	40901 JESH_T1	1	0	-1	0.2	0	-0.2	0	0	0	0	0	0	0	0
5/30/2023 22:57	43202 MVIL_T2	0	0	0	0	0	0	-0.71	-0.72	0	0	0	0	0	0
5/30/2023 23:05	42801 SELI_T1	0	1	1	0	0	0	0	0	0	0	0	0	0	0
5/30/2023 23:10	42802 SELI_T1	1	0	-1	0.4	0	-0.4	0	0	1	0	-1	900	0	-900
5/30/2023 23:11	46504 LOHA_T1	2	2	0	1.25	1.3	0.05	0	0	0	0	0	0	0	0
5/30/2023 23:11	56801 BENV_T1	44	37	-7	1.16	1.04	-0.12	-0.79	-0.79	1	1	0	600	600	0
5/30/2023 23:12	56803 BENV_T1	1	1	0	0.1	0.1	0	0	0	0	0	0	0	0	0
5/30/2023 23:13	60803 BUCK_T1	3	0	-3	0.13	0	-0.13	-1.69	-1.71	1	1	0	600	600	0
5/30/2023 23:15	44802 EDAN_T2	0	0	0	0	0	0	-1.72	-1.74	1	1	0	1200	1200	0
5/30/2023 23:16	40902 JESH_T1	0	0	0	0	0	0	-0.38	-0.42	1	1	0	600	600	0
5/30/2023 23:17	55001 NEWP_T1	0	0	0	0	0	0	0.09	0.08	0	0	0	0	0	0
5/30/2023 23:17	60101 COCA_T1	0	0	0	0	0	0	0.22	0.22	0	0	0	0	0	0
5/30/2023 23:18	45601 WOOL_T1	1	1	0	0	0	0	0	0	0	0	0	0	0	0
5/30/2023 23:20	56803 BENV_T1	1	0	-1	0.1	0	-0.1	0	0	0	0	0	0	0	0
5/30/2023 23:21	56801 BENV_T1	37	33	-4	1.03	1.08	0.05	-0.79	-0.85	1	1	0	600	600	0
5/30/2023 23:21	54701 NEBL_T1	1	1	0	1.3	1.1	-0.2	0	0	1	1	0	600	600	0
5/30/2023 23:21	64801 MONE_T2	0	0	0	0	0	0	0.3	0.28	0	0	0	0	0	0
5/30/2023 23:25	46506 LOHA_T1	1	1	0	0.2	0.5	0.3	-1.53	-1.55	1	1	0	900	900	0
5/30/2023 23:26	56803 BENV_T1	1	0	-1	0.1	0	-0.1	0	0	0	0	0	0	0	0
5/30/2023 23:27	56801 BENV_T1	37	33	-4	1.03	1.08	0.05	-0.79	-0.85	1	1	0	600	600	0
5/30/2023 23:34	42701 AUGU_T1	0	0	0	0	0	0	0	0	1	1	0	600	600	0
5/30/2023 23:35	41602 CLEV_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
5/30/2023 23:41	67502 WEWI_T2	0	0	0	0	0	0	-0.6	-0.61	0	0	0	0	0	0
5/30/2023 23:44	41902 REED_T1	0	0	0	0	0	0	0.85	0.86	0	0	0	0	0	0
5/30/2023 23:46	42701 AUGU_T1	0	0	0	0	0	0	0	0	1	1	0	600	600	0
5/30/2023 23:54	66505 SMAN_T2	3	3	0	0.43	0.77	0.34	-0.23	-0.27	1	1	0	900	900	0
5/30/2023 23:54	28403 HART_T2	0	0	0	0	0	0	-0.67	-0.66	1	1	0	900	900	0
5/30/2023 23:58	61202 REIN_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
5/31/2023 0:02	29402 BELT_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
5/31/2023 0:07	11104 EGYP_T1	0	0	0	0	0	0	0.49	0.45	0	0	0	0	0	0
5/31/2023 0:12	16302 ALPA_T2	0	0	0	0	0	0	0.56	0.54	0	0	0	0	0	0
5/31/2023 0:22	42902 MIDD_T2	1	1	0	0.7	1.2	0.5	-0.4	-0.39	0	0	0	0	0	0
5/31/2023 0:28	17805 GILB_T2	0	0	0	0	0	0	0	-0.01	0	0	0	0	0	0
5/31/2023 0:28	42701 AUGU_T1	0	0	0	0	0	0	0	0	2	2	0	1200	1200	0
5/31/2023 0:28	41902 REED_T1	0	0	0	0	0	0	0.78	0.83	0	0	0	0	0	0
5/31/2023 0:28	43202 MVIL_T2	0	0	0	0	0	0	-0.75	-0.74	0	0	0	0	0	0
5/31/2023 0:28	11104 EGYP_T1	0	0	0	0	0	0	0.45	0.45	0	0	0	0	0	0
5/31/2023 0:28	40901 JESH_T1	1	1	0	0.5	0.2	-0.3	0	0	0	0	0	0	0	0
5/31/2023 0:28	66505 SMAN_T2	3	3	0	0.77	1.17	0.4	-0.76	-0.76	2	2	0	1800	1800	0
5/31/2023 0:28	29402 BELT_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
5/31/2023 0:28	16302 ALPA_T2	0	0	0	0	0	0	0.54	0.53	0	0	0	0	0	0
5/31/2023 0:28	52402 GRPA_T2	1	1	0	0.2	0.5	0.3	0	0	0	0	0	0	0	0
5/31/2023 0:28	42802 SELI_T1	1	1	0	0.5	0.8	0.3	-0.12	-0.14	0	0	0	0	0	0
5/31/2023 0:28	46504 LOHA_T1	3	6	3	0.9	0.55	-0.35	0	0	0	0	0	0	0	0
5/31/2023 0:28	66901 SHIL_T2	0	1	1	0	0.4	0.4	-1.4	-1.43	1	1	0	1200	1200	0
5/31/2023 0:28	48901 FOSP_T2	0	0	0	0	0	0	-0.41	-0.42	1	1	0	600	600	0
5/31/2023 0:28	52502 PROG_T2	0	0	0	0	0	0	-0.69	-0.71	1	1	0	900	900	0
5/31/2023 0:28	61202 REIN_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
5/31/2023 0:28	48302 ORWI_T2	2	2	0	1.85	1.6	-0.25	-0.36	-0.39	0	0

Appendix C - Grid Benefits Achieved in Each Instance of Active Management

5/31/2023 4:25	42802 SELI_T1	1	1	0	1.3	1.3	0	-0.11	-0.11	0	0	0	0	0	0
5/31/2023 4:39	66901 SHIL_T2	1	1	0	0.4	1	0.6	-1.48	-1.48	1	1	0	1200	1200	0
5/31/2023 4:47	48901 FOSP_T2	0	0	0	0	0	0	-0.41	-0.37	1	1	0	600	600	0
5/31/2023 4:52	16302 ALPA_T2	0	0	0	0	0	0	0.46	0.42	0	0	0	0	0	0
5/31/2023 5:07	56801 BENV_T1	38	36	-2	0.97	0.89	-0.08	-0.94	-0.94	1	1	0	600	600	0
5/31/2023 5:44	41902 REED_T1	0	0	0	0	0	0	0.69	0.69	0	0	0	0	0	0
5/31/2023 9:36	47802 MOCA_T2	1	2	1	0.2	0.45	0.25	-0.85	-0.85	0	0	0	0	0	0
5/31/2023 9:45	64702 LITI_T2	0	0	0	0	0	0	-0.61	-0.56	0	0	0	0	0	0
5/31/2023 9:52	49803 UNIV_T1	98	94	-4	0.51	0.36	-0.15	0	0	0	0	0	0	0	0
5/31/2023 10:00	60801 BUCK_T1	164	178	14	0.54	0.59	0.05	0	0	0	0	0	0	0	0
5/31/2023 10:00	40901 IESH_T1	1	1	0	0.4	0.4	0	0	0	0	0	0	0	0	0
5/31/2023 10:00	42701 AUGU_T1	1	1	0	0.8	0.6	-0.2	0	0	8	8	0	7200	7200	0
5/31/2023 10:00	40502 CRES_T2	0	17	17	0	0.33	0.33	1.28	0.14	0	0	0	0	0	0
5/31/2023 10:00	28403 HART_T2	0	0	0	0	0	0	-0.85	-0.78	1	1	0	900	900	0
5/31/2023 10:00	67605 WARW_T1	1	1	0	1	1.3	0.3	0	0	0	0	0	0	0	0
5/31/2023 10:00	67103 SPRI_T1	0	0	0	0	0	0	0.79	0.88	0	0	0	0	0	0
5/31/2023 10:00	27101 GFLD_T2	0	0	0	0	0	0	0	0	2	2	0	1200	1200	0
5/31/2023 10:00	49804 UNIV_T1	0	1	1	0	0.3	0.3	0	0	0	0	0	0	0	0
5/31/2023 10:00	29401 BELT_T1	1	52	51	0.1	0.23	0.13	0	0	0	0	0	0	0	0
5/31/2023 10:00	15001 BLMO_T1	1	2	1	0.3	0.2	-0.1	0	0	0	0	0	0	0	0
5/31/2023 10:00	42902 MIDD_T2	0	0	0	0	0	0	-0.28	-0.54	0	2	2	0	900	900
5/31/2023 10:00	52503 PROG_T2	0	0	0	0	0	0	-0.64	-0.63	1	1	0	900	900	0
5/31/2023 10:00	64802 MONE_T2	4	5	1	0.45	0.38	-0.07	0	0	0	0	0	0	0	0
5/31/2023 10:00	66504 SMAN_T2	2	2	0	0.35	0.45	0.1	0	0	0	0	0	0	0	0
5/31/2023 10:00	56803 BENV_T1	3	4	1	0.5	0.5	0	0	0	0	0	0	0	0	0
5/31/2023 10:00	45601 WOOL_T1	1	1	0	0	0	0	0	0	0	0	0	0	0	0
5/31/2023 10:00	43304 WATS_T2	2	1	-1	4.3	5.7	1.4	0	0	0	0	0	0	0	0
5/31/2023 10:00	15702 TANN_T2	0	0	0	0	0	0	1.04	1.04	0	0	0	0	0	0
5/31/2023 10:00	41902 REED_T1	0	0	0	0	0	0	1.05	0.95	0	0	0	0	0	0
5/31/2023 10:00	28604 BLYT_T2	1	0	-1	0.1	0	-0.1	-1.34	-1.31	0	0	0	0	0	0
5/31/2023 10:00	60101 COCA_T1	1	0	-1	0.4	0	-0.4	0.42	0.34	0	0	0	0	0	0
5/31/2023 10:00	56601 HAMP_T1	0	0	0	0	0	0	-0.07	-0.02	0	0	0	0	0	0
5/31/2023 10:00	66901 SHIL_T2	3	4	1	0.17	0.17	0	-1.15	-1.13	1	1	0	1200	1200	0
5/31/2023 10:00	24105 EHAZ_T1	4	4	0	5.93	5.83	-0.1	0	0	0	0	0	0	0	0
5/31/2023 10:00	67204 TEHI_T2	0	0	0	0	0	0	-0.05	-0.01	0	0	0	0	0	0
5/31/2023 10:00	52401 GRPA_T2	0	1	1	0	0.1	0.1	0	0	0	0	0	0	0	0
5/31/2023 10:00	48901 FOSP_T2	0	0	0	0	0	0	0.03	1	1	1	0	600	600	0
5/31/2023 10:00	46504 LOHA_T1	0	2	2	0	0.15	0.15	0	0	0	0	0	0	0	0
5/31/2023 10:00	67502 WEWI_T2	8	10	2	0.38	0.43	0.05	0	0	0	0	0	0	0	0
5/31/2023 10:00	47401 PENS_T1	0	0	0	0	0	0	1.18	1.14	0	0	0	0	0	0
5/31/2023 10:00	45902 AUBU_T1	0	0	0	0	0	0	-0.25	-0.23	1	1	0	600	600	0
5/31/2023 10:00	11102 EGYP_T1	0	1	1	0	0	0	0	0	0	0	0	0	0	0
5/31/2023 10:00	48302 ORWI_T2	2	2	0	1.5	1.5	0	-0.1	-0.1	0	0	0	0	0	0
5/31/2023 10:00	20401 ASHF_T2	8	4	-4	0.35	0.5	0.15	0	0	0	0	0	0	0	0
5/31/2023 10:00	43202 MVIL_T2	0	0	0	0	0	0	-0.62	-0.57	0	0	0	0	0	0
5/31/2023 10:00	54701 NEBL_T1	1	2	1	0.8	0.65	-0.15	0	0	1	1	0	600	600	0
5/31/2023 10:00	54505 ENOL_T2	1	1	0	0.4	0.3	-0.1	0	0	0	0	0	0	0	0
5/31/2023 10:00	53501 EVIL_T2	1	1	0	0.8	0.2	-0.6	-0.67	-0.69	2	2	0	1200	1200	0
5/31/2023 10:00	55001 NEWP_T1	0	1	1	0	0	0	0.19	0.23	0	0	0	0	0	0
5/31/2023 10:00	10805 CHHI_T2	1	7	6	8.4	1.6	-6.8	-0.99	-0.93	1	1	0	1200	1200	0
5/31/2023 10:00	44802 EDAN_T2	0	0	0	0	0	0	-3.28	-3.12	2	2	0	2400	2400	0
5/31/2023 10:00	42802 SELI_T1	0	0	0	0	0	0	-1.2	-1.26	2	2	0	1800	1800	0
5/31/2023 10:00	47802 MOCA_T2	2	2	0	0.45	0.5	0.05	-0.85	-0.85	0	0	0	0	0	0
5/31/2023 10:00	46701 RENO_T1	1	1	0	1.1	1.5	0.4	0	0	0	0	0	0	0	0
5/31/2023 10:00	56802 BENV_T2	8	10	2	0.5	0.41	-0.09	-2.01	-2.01	0	0	0	0	0	0
5/31/2023 10:00	16302 ALPA_T2	0	0	0	0	0	0	0.8	0.76	0	0	0	0	0	0
5/31/2023 10:00	45702 LIND_T2	2	1	-1	0.8	1.4	0.6	-1.67	-1.68	0	0	0	0	0	0
5/31/2023 10:00	61202 REIN_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
5/31/2023 10:00	41602 CLEV_T1	0	0	0	0	0	0	0	0	3	3	0	1800	1800	0
5/31/2023 10:22	46504 LOHA_T1	2	0	-2	0.15	0	-0.15	0	0	0	0	0	0	0	0
5/31/2023 10:26	29402 BELT_T1	3	3	0	0.63	0.7	0.07	0	0	0	0	0	0	0	0
5/31/2023 10:27	66502 SMAN_T2	1	1	0	0.5	0.5	0	0	0	0	0	0	0	0	0
5/31/2023 10:30	17805 GILB_T2	0	0	0	0	0	0	0.06	0.09	0	0	0	0	0	0
5/31/2023 10:30	52402 GRPA_T2	5	6	1	0.42	0.33	-0.09	0	0	0	0	0	0	0	0
5/31/2023 10:37	58803 COCO_T1	2	2	0	2.45	2.35	-0.1	-0.2	-0.18	0	0	0	0	0	0
5/31/2023 10:38	64702 LITI_T2	0	0	0	0	0	0	-0.58	-0.57	0	0	0	0	0	0
5/31/2023 10:41	45901 AUBU_T1	0	0	0	0	0	0	2.41	2.4	0	0	0	0	0	0
5/31/2023 10:51	65003 NEFF_T2	1	1	0	1.1	1	-0.1	0	0	0	0	0	0	0	0
5/31/2023 11:05	42802 SELI_T1	0	2	2	0	0.55	0.55	-1.76	-1.77	1	1	0	900	900	0
5/31/2023 11:08	43201 MVIL_T2	1	1	0	0.2	0.1	-0.1	0	0	0	0	0	0	0	0
5/31/2023 11:09	42802 SELI_T1	0	2	2	0	0.55	0.55	-1.76	-1.77	1	1	0	900	900	0
5/31/2023 11:09	52401 GRPA_T2	0	1	1	0	0.1	0.1	0	0	0	0	0	0	0	0
5/31/2023 11:09	60803 BUCK_T1	0	2	2	0	0.1	0.1	-1.47	-1.5	1	1	0	600	600	0
5/31/2023 11:11	28403 HART_T2	0	0	0	0	0	0	-0.78	-0.7	1	1	0	900	900	0
5/31/2023 11:13	42802 SELI_T1	0	2	2	0	0.55	0.55	-1.76	-1.77	1	1	0	900	900	0
5/31/2023 11:14	66703 STRA_T1	0	0	0	0	0	0	-0.05	0	0	0	0	0	0	0
5/31/2023 11:17	52402 GRPA_T2	8	33	25	0.51	0.4	-0.11	0	0	0	0	0	0	0	0
5/31/2023 11:18	43202 MVIL_T2	0	0	0	0	0	0	-0.56	-0.56	0	0	0	0	0	0
5/31/2023 11:18	42802 SELI_T1	1	2	1	0.6	0.45	-0.15	-1.76	-1.77	1	1	0	900	900	0
5/31/2023 11:20	53501 EVIL_T2	1	4	3	0.1	0.33	0.23	-0.08	-0.18	2	2	0	1200	1200	0
5/31/2023 11:21	52402 GRPA_T2	8	33	25	0.51	0.4	-0.11	0	0	0	0	0	0	0	0
5/31/2023 11:23	56802 BENV_T2	3	7	4	0.47	0.33	-0.14	-0.55	-0.59	0	0	0	0	0	0
5/31/2023 11:23	46506 LOHA_T1	0	0	0	0	0	0	-1.39	-1.38	1	1	0	900	900	0
5/31/2023 11:25	56803 BENV_T1	4	3	-1	0.35	0.53	0.18	0	0	0	0	0	0	0	0
5/31/2023 11:27	60801 BUCK_T1	164	173	9	0.44	0.52	0.08	0	0	0	0	0	0	0	0
5/31/2023 11:29	53501 EVIL_T2	1	4	3	0.1	0.33	0.23	-0.08	-0.18	2	2	0	1200	1200	0
5/31/2023 11:30	58402 MORO_T1	0	0	0	0	0	0	-0.96	-0.96	2	2	0	1500	1500	0
5/31/2023 11:32	56803 BENV_T1	3	3	0	0.33	0.53	0.2	0	0	0	0	0	0	0	0
5/31/2023 11:32	46504 LOHA_T1	0	1	1	0	0.1	0.1	0	0	0	0	0	0	0	0
5/31/2023 11:33	46506 LOHA_T1	0	0	0	0	0	0	-2.78	-2.76	2	2	0	1800	1800	0
5/31/2023 11:33	52402 GRPA_T2	33	15	-18	0.39	0.49	0.1	0	0	0	0	0	0	0	0
5/31/2023 11:36	56802 BENV_T2	2	7	5	0.7	0.37	-0.33	-1.18	-1.08	0	0	0	0	0	0
5/31/2023 11:38	56801 BENV_T1	27	30	3	0.57	0.57	0	-0.12	0	0	0	0	0	0	0
5/31/2023 11:38	15001 BLMO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
5/31/2023 11:42	52502 PROG_T2	3	2	-1	0.1	0.15	0.05	-0.61	-0.6	1	1	0	900	900	0
5/31/2023 11:47	53501 EVIL_T2	2	5	3	0.55	0.5	-0.05	-0.18	-0.21	2	2	0	1200	1200	0
5/31/2023 11:48	44801 EDAN_T2	1	1	0	0.7	0.5	-0.2	0	0	0	0	0	0	0	0
5/31/2023 11:51	59102 WALK_T2	1	5	4	0.8	0.54	-0.26	0	0	0	0	0	0	0	0
5/31/2023 11:56	64801 MONE_T2	1	3	2	0.3	0.27	-0.03	0.25	0.27	0	0	0	0	0	0
5/31/2023 11:59	28403 HART_T2	0	0	0	0	0	0	-0.74	-0.72	1	1	0	900	900	0
5/31/2023 12:05	42802 SELI_T1	1	1	0	0.2	0.5	0.3	-1.71	-1.72	1	1	0	900	900	0
5/31/2023 12:09	64801 MONE_T2	3	3	0	0.27	0.2	-0.07	0.27	0.29	0	0	0	0	0	0
5/31/2023 12:16	28403 HART_T2	0	0	0	0	0	0	-0.72	-0.69	1	1	0	900	900	0
5/31/2023 12:19	67502 WEWI_T2	7	14	7	0.5	0.29	-0.21	-0.11	-0.15	0	0	0	0	0	0
5/31/2023 12:20	29402 BELT_T1	3	3	0	0.67	0.5	-0.17	0	0	0	0	0	0	0	0
5/31/2023 12:22	42903 MIDD_T2	4	6	2	0.15	0.23	0.08	0	0	0	0	0	0	0	0
5/31/2023 12:26	29401 BELT_T1	2	1	-1	0.2	0.7	0.5	0	0	0	0	0	0	0	0
5/31/2023 12:27	10805 CHHI_T2	1	2	1	8	4.15	-3.85	-1.42	-1.31	2	2	0	1800	1800	0
5/31/2023 12:35	10805 CHHI_T2	2	2	0	4.15	8.3	4.15	-1.31	-1.38	2	2	0	1800	1800	0
5/31/2023 12:37	42901 MIDD_T2	10	0	-10	3.55	0	-3.55	0	0	0	0	0	0	0	0
5/31/2023 12:57	44802 EDAN_T2	0	0	0	0	0	0	-1.5	-1.47	1	1	0	1200	1200	0
5/31/2023 12:57	16301 ALPA_T1	0	0	0	0	0	0	-0.02	0.04	0	0	0	0	0	0
5/31/2023 13:18	52403 GRPA_T2	1	1	0	0.3	0.1	-0.2	0.16	0.15	0	0	0	0	0	0
5/31/2023 13:19	20401 ASHF_T2	4	7	3	0.73	0.5	-0.23	0	0	0	0	0	0	0	0
5/31/2023 13:23	46506 LOHA_T1	0	0	0	0	0	0	-1.33	-1.28	1	1	0	900	900	0
5/31/2023 13:25	56803 BENV_T1	2	3	1	0.2	0.35	0.15	0	0	0	0	0	0	0	0
5/31/2023 13:27	10805 CHHI_T2	3	4	1	3.33	4.8	1.47	-1.03	-1.22	2	2	0	1800	1800	0
5/31/2023 13:27	40502 CRES_T2	4	4	0	0.18	0.35	0.17	0.12	0.13	0	0	0	0	0	0
5/31/2023 13:29	53501 EVIL_T2	2	1	-1	0.55	0.7	0.15	-0.2	-0.17	2	2	0	1200	1200	0
5/31/2023 13:29	52403 GRPA_T2	1	1	0	0.3	0.1	-0.2	0.15	0.17	0	0	0	0	0	0
5/31/2023 13:31	56803 BENV_T1	0	3	3	0	0.3	0.3	0	0	0	0	0	0	0	0
5/31/2023 13:32	56803 BENV_T1	0	3	3	0	0.3	0.3	0	0	0	0	0	0	0	0
5/31/2023 13:33	65004 NEFF_T2	1	1	0	0.2	0.2	0	-0.4	-0.38	0	0	0	0	0	0
5/31/2023 13:33	41602 CLEV_T1	0	0	0	0	0	0	0	0	3	3	0	1800	1800	0
5/31/2023 13:36	15001 BLMO_T1	1	1	0	0.2	0.1	-0.1	0	0	0	0	0	0	0	0
5/31/2023 13:36	64801 MONE_T2	12	9	-3	1.81	0.1	-1.71	0.36	0.37	0	0	0	0	0	0
5/31/2023 13:39	56801 BENV_T1	2	44	42	1.2	0.52	-0.68	-0.57	-0.57	0	1	1	0	600	600
5/31/2023 13:39	28403 HART_T2	0	0	0	0	0	0	-0.65	-0.65	1	1	0	900	900	0
5/31/2023 13:55	28601 BLYT_T2	1	0	-1	0.3	0	-0.3	0	0	0	0	0	0	0	0
5/31/2023 14:25	29401 BELT_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
5/31/2023 14:31	29401 BELT_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
5/31/2023 14:34	41901 REED_T1	0	1	1	0	0.2	0.2	-1.09	-1.14	1	1	0	900	900	0
5/31/2023 14:49	46506 LOHA_T1	1	0	-1	0.5	0.8	0.3	-1.37	-1.35	1	1	0	900	900	0
5/31/2023 15:01	56803 BENV_T1	1	0	-1	0.8	0	-0.8	0	0	0	0	0	0	0	0
5/31/2023 15:01	52502 PROG_T2	0	0	0	0	0	0	-0.38	-0.36	1	1	0	900	900	0
5/31/2023 15:28	65604 QVIL_T2	0	1	1	0	0	0	0.41	0.42	0	0	0	0	0	0
5/31/2023 15:32	64301 LINC_T1	0	0	0	0	0	0	0.28	0.25	1	1	0	600	600	0
5/31/2023 15:33	12401 MILF_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
5/31/2023 15:51	27502 WEIS_T2	3	5	2	0.27	0.65	0.38	-0.36	-0.39	0	0	0	0	0	0
5/31/2023 16:03	40502 CRES_T2	0	0	0	0	0	0	0.22	0.2	0	0	0	0	0	0
5/31/2023 16:10	64101 REFR_T1	0	0	0	0	0	0	0.15	0.16	0	0	0	0	0	0
5/31/2023 16:17	42201 SHEN_T2	1	1	0	0.8	1	0.2	0.37	0.34	1	1	0	600	600	0
5/31/2023 16:25	66303 MCGO_T2	1	0	-1	0.3	0	-0.3	0	0	0	0	0	0	0	0
5/31/2023 16:25	60803 BUCK_T1	1	0	-1	0.2	0	-0.2	-1.18	-1.14	1	1	0	600	600	0
5/31/2023 16:25	56802 BENV_T2	1	1	0	0.2	0.2	0	-0.41	-0.38	0	0	0	0	0	0
5/31/2023 16:28	43202 MVIL_T2	0	0	0	0	0	0	-0.45	-0.47	0	0	0	0	0	0
5/31/2023 16:30	67502 WEWI_T2	0	0	0	0	0	0	-0.08	-0.05	0	0	0	0	0	0
5/31/2023 16:34	56802 BENV_T2	1	1	0	0.2	0.1	-0.1	-0.38	-0.39	0	0	0	0	0	0
5/31/2023 16:34	40503 CRES_T1	1	1	0	0.8	0.6	-0.2	0.73	0.71	0	0	0	0	0	0
5/31/2023 16:38	15001 BLMO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
5/31/2023 16:38	67204 TEHI_T2	0	0	0	0	0	0	0.05	0.07	0	0	0	0	0	0
5/31/2023 16:39	42802 SELI_T1	0	0	0	0	0	0	-1.62	-1.65	1	1	0	900	900	0
5/31/2023 16:41	24902 WHHA_T1	3	20	17	0.83	0.9	0.07	0	0	0	0	0	0	0	0
5/31/2023 16:41	59101 WALK_T2	0	0	0	0	0	0	1.33	1.49	0	0	0	0	0	0
5/31/2023 16:41	15001 BLMO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
5/31/2023 16:47	15001 BLMO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
5/31/2023 16:51	67503 WEWI_T2	0	0	0	0	0	0	0.26	0.18	0	0	0	0	0	0
5/31/2023 16:54	67503 WEWI_T2	0	0	0	0	0	0	0.26	0.18	0	0	0	0	0	0
5/31/2023 16:54	56802 BENV_T2	1	0	-1	0.1	0	-0.1	-0.39	-0.35	0	0	0	0	0	0
5/31/2023 16:59	16301 ALPA_T1	0	0	0	0	0	0	-0.99	-0.96	0	0	0	0	0	0
5/31/2023 16:59	59102 WALK_T2	2	2	0	0.2	0.2	0	0	0	0	0	0	0	0	0
5/31/2023 16:59	27102 GFLD_T2	2	0	-2	0.3	0	-0.3	0	0	0	0	0	0	0	0
5/31/2023 17:00	29402 BELT_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
5/31/2023 17:05	56802 BENV_T2	0	0	0	0	0	0	-0.35	-0.34	0	0	0	0	0	0
5/31/2023 17:06	66703 STRA_T1	0	0	0	0	0	0	0.07	0.02	0	0	0	0	0	0
5/31/2023 17:07	27101 GFLD_T2	30	75	45	0.58	0.57	-0.01	0	0	2	2	0	1200	1200	0
5/31/2023 17:10	52402 GRPA_T2	0	2	2	0	0	0	0	0	0	0	0	0	0	0
5/31/2023 17:13	52402 GRPA_T2	0	2	2	0	0	0	0	0	0	0	0	0	0	0
5/31/2023 17:15	45303 WBER_T2	0	0	0	0	0	0	-0.39	-0.39	0	0	0	0	0	0
5/31/2023 17:20	66504 SMAN_T2	1	0	-1	0.6	0	-0.6	0	0	0	0	0	0	0	0
5/31/2023 17:21	64101 REFR_T1	0	0	0	0	0	0	0.17	0.17	0	0	0	0	0	0
5/31/2023 17:21	47901 HRDG_T1	0	0	0	0	0	0	1.26	1.43	0	0	0	0	0	0
5/31/2023 17:22	42903 MIDD_T2	2	2	0	1.25	1.05	-0.2	0	0	0	0	0	0	0	0
5/31/2023 17:25	56803 BENV_T1	1	1	0	0.5	0.6	0.1	0	0	0	0	0	0	0	0
5/31/2023 17:27	45003 LIME_2	1	1	0	3.3	2.9	-0.4	0	0	1	1	0	1200	1200	0
5/31/2023 17:27	59102 WALK_T2	1	0	-1	0.2	0	-0.2	0	0	0	0	0	0	0	0
5/31/2023 17:31	67503 WEWI_T2	0	0	0	0	0	0	0.17	0.12	0	0	0	0	0	0
5/31/2023 17:32	59101 WALK_T2	0	0	0	0	0	0	1.64	1.7	0	0	0	0	0	0
5/31/2023 17:38	55101 WERT_T1

Appendix C - Grid Benefits Achieved in Each Instance of Active Management

5/31/2023 22:22	15001 BLMO_T1	3	3	0	0.3	0.2	-0.1	0	0	0	0	0	0	0
5/31/2023 22:24	27101 GFLD_T2	0	0	0	0	0	0	0	0	2	2	0	1200	1200	0
5/31/2023 22:25	65004 NEFF_T2	0	0	0	0	0	0	-0.41	-0.44	0	0	0	0	0	0
5/31/2023 22:30	67204 TEHI_T2	0	0	0	0	0	0	-0.24	-0.24	0	0	0	0	0	0
5/31/2023 22:41	42701 AUGU_T1	1	1	0	0.4	0.7	0.3	0	0	2	2	0	1800	1800	0
5/31/2023 22:41	24105 EHAZ_T1	4	4	0	5.95	5.58	-0.37	0	0	0	0	0	0	0	0
5/31/2023 22:41	44502 HAMI_T2	1	1	0	3.7	3.7	0	-0.89	-0.88	0	0	0	0	0	0
5/31/2023 22:41	46504 LOHA_T1	2	2	0	1.15	0.75	-0.4	0	0	0	0	0	0	0	0
5/31/2023 22:41	40901 JESH_T1	0	1	1	0	0	0	0	0	0	0	0	0	0	0
5/31/2023 22:41	60803 BUCK_T1	26	24	-2	0.33	0.25	-0.08	-0.97	-1	1	1	0	600	600	0
5/31/2023 22:41	28403 HART_T2	0	0	0	0	0	0	-1.24	-1.28	2	2	0	1800	1800	0
5/31/2023 22:41	63804 HEMP_T1	1	1	0	5.5	5.6	0.1	0	0	0	0	0	0	0	0
5/31/2023 22:41	59101 WALK_T2	0	0	0	0	0	0	2.7	2.52	0	0	0	0	0	0
5/31/2023 22:41	55101 WERT_T1	0	0	0	0	0	0	-1.66	-1.73	2	2	0	1800	1800	0
5/31/2023 22:41	53501 EVIL_T2	1	9	8	0.7	0.69	-0.01	-0.69	-0.66	0	0	0	0	0	0
5/31/2023 22:41	42802 SELI_T1	0	0	0	0	0	0	0.02	0.01	0	0	0	0	0	0
5/31/2023 22:41	42903 MIDD_T2	2	2	0	0.1	0.55	0.45	0	0	0	0	0	0	0	0
5/31/2023 22:41	40503 CRES_T1	0	0	0	0	0	0	0.25	0	0	0	0	0	0	0
5/31/2023 22:41	52404 GRPA_T2	1	1	0	0.8	1	0.2	0	0	0	0	0	0	0	0
5/31/2023 22:41	66505 SMAN_T2	0	0	0	0	0	0	0.07	0.12	1	1	0	900	900	0
5/31/2023 22:41	61202 REIN_T1	0	0	0	0	0	0	0	0	1	1	0	900	900	0
5/31/2023 22:41	56803 BENV_T1	1	4	3	0.1	0.13	0.03	0	0	0	0	0	0	0	0
5/31/2023 22:41	41602 CLEV_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
5/31/2023 22:41	49803 UNIV_T1	106	142	36	0.5	0.74	0.24	-2.09	-2.11	0	0	0	0	0	0
5/31/2023 22:41	60101 COCA_T1	0	0	0	0	0	0	0.29	0.27	0	0	0	0	0	0
5/31/2023 22:41	60801 BUCK_T1	189	190	1	1.04	1.19	0.15	-0.45	-0.45	0	0	0	0	0	0
5/31/2023 22:41	45003 LIME_2	2	1	-1	2.25	4.6	2.35	0	0	1	1	0	1200	1200	0
5/31/2023 22:41	44801 EDAN_T2	1	0	-1	0.2	0	-0.2	0	0	0	0	0	0	0	0
5/31/2023 22:41	47401 PENS_T1	0	0	0	0	0	0	0.93	0.88	0	0	0	0	0	0
5/31/2023 22:41	16301 ALPA_T1	7	11	4	0.17	0.15	-0.02	-1.52	-1.56	0	0	0	0	0	0
5/31/2023 22:41	47901 HRDG_T1	0	0	0	0	0	0	1.36	1.24	0	0	0	0	0	0
5/31/2023 22:41	66703 STRA_T1	6	5	-1	0.38	0.3	-0.08	-0.36	-0.35	0	0	0	0	0	0
5/31/2023 22:41	58402 MORO_T1	0	0	0	0	0	0	-0.46	-0.49	1	1	0	600	600	0
5/31/2023 22:41	15001 BLMO_T1	3	4	1	0.2	0.75	0.55	0	0	0	0	0	0	0	0
5/31/2023 22:41	47802 MOCA_T2	0	0	0	0	0	0	0.36	0.38	0	0	0	0	0	0
5/31/2023 22:41	11104 EGYP_T1	0	0	0	0	0	0	0.61	0.6	0	0	0	0	0	0
5/31/2023 22:41	10805 CHHI_T2	1	1	0	8.1	7.7	-0.4	-1.14	-1.2	1	1	0	600	600	0
5/31/2023 22:41	67204 TEHI_T2	0	0	0	0	0	0	-0.24	-0.26	0	0	0	0	0	0
5/31/2023 22:41	24901 WHHA_T1	0	0	0	0	0	0	0.46	0.47	0	0	0	0	0	0
5/31/2023 22:41	42201 SHEN_T2	1	1	0	0.1	0.2	0.1	0.12	0.1	1	1	0	600	600	0
5/31/2023 22:41	29402 BELT_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
5/31/2023 22:41	67502 WEWI_T2	0	0	0	0	0	0	-0.44	-0.48	0	0	0	0	0	0
5/31/2023 22:41	12401 MILF_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
5/31/2023 22:41	56802 BENV_T2	1	1	0	0.7	1.1	0.4	-2.68	-2.98	0	0	0	0	0	0
5/31/2023 22:42	43202 MVIL_T2	0	0	0	0	0	0	-0.7	-0.71	0	0	0	0	0	0
5/31/2023 22:43	64101 REFR_T1	0	0	0	0	0	0	-0.04	-0.08	0	0	0	0	0	0
5/31/2023 22:44	46506 LOHA_T1	0	0	0	0	0	0	-1.44	-1.48	1	1	0	900	900	0
5/31/2023 22:45	52404 GRPA_T2	1	1	0	1	1.1	0.1	0	0	0	0	0	0	0	0
5/31/2023 22:48	42802 SELI_T1	0	1	1	0	0.1	0.1	0.02	0.01	0	0	0	0	0	0
5/31/2023 23:03	56802 BENV_T1	39	46	7	0.93	1.22	0.29	-1.58	-1.58	2	2	0	1200	1200	0
6/1/2023 0:28	60803 BUCK_T1	14	8	-6	0.19	0.16	-0.03	-1.04	-1.07	1	1	0	600	600	0
6/1/2023 0:28	57303 MOAL_T2	1	1	0	7.6	7.6	0	0	0	0	0	0	0	0	0
6/1/2023 0:28	56802 BENV_T2	1	1	0	0.2	0.8	0.6	-2.92	-2.92	0	0	0	0	0	0
6/1/2023 0:28	12401 MILF_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
6/1/2023 0:28	43202 MVIL_T2	0	0	0	0	0	0	-0.73	-0.75	0	0	0	0	0	0
6/1/2023 0:28	52502 PROG_T2	0	0	0	0	0	0	-0.75	-0.72	1	1	0	900	900	0
6/1/2023 0:28	52402 GRPA_T2	3	1	-2	0.4	0.6	0.2	0	0	0	0	0	0	0	0
6/1/2023 0:28	64101 REFR_T1	0	0	0	0	0	0	-0.01	-0.01	0	0	0	0	0	0
6/1/2023 0:28	41901 REED_T1	1	0	-1	0.1	0	-0.1	-0.46	-0.46	0	0	0	0	0	0
6/1/2023 0:28	40502 CRES_T2	0	0	0	0	0	0	0.48	0.48	0	0	0	0	0	0
6/1/2023 0:28	67503 WEWI_T2	0	0	0	0	0	0	-0.39	-0.41	0	0	0	0	0	0
6/1/2023 0:28	65602 QVIL_T2	0	1	1	0	0.1	0.1	0	0	0	0	0	0	0	0
6/1/2023 0:28	42802 SELI_T1	1	1	0	1	1.2	0.2	-0.07	-0.06	0	0	0	0	0	0
6/1/2023 0:28	64301 LINC_T1	0	0	0	0	0	0	0.11	0.13	0	0	0	0	0	0
6/1/2023 0:28	29401 BELT_T1	0	0	0	0	0	0	0	0	1	1	0	900	900	0
6/1/2023 0:28	27502 WEIS_T2	0	0	0	0	0	0	-0.25	-0.33	0	0	0	0	0	0
6/1/2023 0:28	28604 BLYT_T2	0	0	0	0	0	0	-1.36	-1.34	0	0	0	0	0	0
6/1/2023 0:28	20401 ASHF_T2	9	36	27	0.2	0.2	0	0	0	0	0	0	0	0	0
6/1/2023 0:28	47401 PENS_T1	0	1	1	0	0.1	0.1	0.82	0.75	0	0	0	0	0	0
6/1/2023 0:28	56801 BENV_T1	39	39	0	0.94	1.05	0.11	-2.67	-2.76	3	3	0	1800	1800	0
6/1/2023 0:28	41801 GOCI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
6/1/2023 0:28	46504 LOHA_T1	29	39	10	0.23	0.36	0.13	0	0	0	0	0	0	0	0
6/1/2023 0:28	66901 SHIL_T2	0	0	0	0	0	0	-1.32	-1.36	1	1	0	1200	1200	0
6/1/2023 0:28	15001 BLMO_T1	1	4	3	0.1	0.53	0.43	0	0	0	0	0	0	0	0
6/1/2023 1:12	66303 MCGO_T2	1	2	1	1.4	0.8	-0.6	0	0	0	0	0	0	0	0
6/1/2023 4:01	56802 BENV_T2	1	1	0	1	1.3	0.3	-1.55	-1.55	0	0	0	0	0	0
6/1/2023 4:04	42201 SHEN_T2	0	0	0	0	0	0	0.6	0.61	0	0	0	0	0	0
6/1/2023 4:07	42201 SHEN_T2	0	0	0	0	0	0	0.6	0.61	0	0	0	0	0	0
6/1/2023 4:11	56802 BENV_T2	1	1	0	1	1.3	0.3	-1.55	-1.56	0	0	0	0	0	0
6/1/2023 4:23	59101 WALK_T2	0	0	0	0	0	0	1.09	1	0	0	0	0	0	0
6/1/2023 4:28	42802 SELI_T1	0	0	0	0	0	0	-0.13	-0.13	0	0	0	0	0	0
6/1/2023 4:32	59101 WALK_T2	0	0	0	0	0	0	1.09	1	0	0	0	0	0	0
6/1/2023 4:42	43202 MVIL_T2	0	0	0	0	0	0	-0.76	-0.76	0	0	0	0	0	0
6/1/2023 4:43	64101 REFR_T1	0	0	0	0	0	0	-0.01	-0.01	0	0	0	0	0	0
6/1/2023 4:43	56801 BENV_T1	41	42	1	1.18	1.22	0.04	-0.96	-0.95	1	1	0	600	600	0
6/1/2023 4:44	46504 LOHA_T1	34	34	0	0.28	0.27	-0.01	0	0	0	0	0	0	0	0
6/1/2023 4:45	52403 GRPA_T2	0	0	0	0	0	0	-0.06	-0.05	0	0	0	0	0	0
6/1/2023 4:48	42802 SELI_T1	0	0	0	0	0	0	-0.13	-0.13	0	0	0	0	0	0
6/1/2023 4:48	43202 MVIL_T2	0	0	0	0	0	0	-0.76	-0.76	0	0	0	0	0	0
6/1/2023 4:51	53501 EVIL_T2	20	16	-4	0.68	0.67	-0.01	-0.65	-0.66	0	0	0	0	0	0
6/1/2023 4:55	64101 REFR_T1	0	0	0	0	0	0	-0.01	-0.01	0	0	0	0	0	0
6/1/2023 4:57	53501 EVIL_T2	20	16	-4	0.68	0.67	-0.01	-0.65	-0.66	0	0	0	0	0	0
6/1/2023 5:00	52403 GRPA_T2	0	0	0	0	0	0	-0.05	-0.06	0	0	0	0	0	0
6/1/2023 5:01	46506 LOHA_T1	1	0	-1	0.2	0	-0.2	-1.58	-1.64	1	1	0	900	900	0
6/1/2023 5:03	56801 BENV_T1	42	43	1	1.21	1.18	-0.03	-1.9	-1.9	2	2	0	1200	1200	0
6/1/2023 5:04	56801 BENV_T1	42	43	1	1.21	1.18	-0.03	-0.95	-0.95	1	1	0	600	600	0
6/1/2023 6:08	42802 SELI_T1	0	0	0	0	0	0	0.01	-0.01	0	0	0	0	0	0
6/1/2023 6:21	56802 BENV_T2	1	1	0	0.5	0.5	0	-1.51	-1.54	0	0	0	0	0	0
6/1/2023 6:22	43202 MVIL_T2	0	0	0	0	0	0	-0.66	-0.71	0	0	0	0	0	0
6/1/2023 6:23	59101 WALK_T2	0	0	0	0	0	0	2.32	1.75	0	1	1	0	600	600
6/1/2023 6:23	56803 BENV_T1	0	2	2	0	0	0	0	0	0	0	0	0	0	0
6/1/2023 6:24	46506 LOHA_T1	0	1	1	0	0.1	0.1	-1.57	-1.59	1	1	0	900	900	0
6/1/2023 6:24	42201 SHEN_T2	0	0	0	0	0	0	0.57	0.6	0	0	0	0	0	0
6/1/2023 6:25	52403 GRPA_T2	0	0	0	0	0	0	-0.65	-0.61	0	0	0	0	0	0
6/1/2023 7:51	53501 EVIL_T2	1	1	0	0.3	0.6	0.3	-0.02	0.17	1	1	0	600	600	0
6/1/2023 8:01	64101 REFR_T1	0	0	0	0	0	0	0.04	0.08	0	0	0	0	0	0
6/1/2023 10:00	24901 WHHA_T1	1	1	0	0.7	0.8	0.1	0.43	0.36	0	0	0	0	0	0
6/1/2023 10:00	67204 TEHI_T2	0	0	0	0	0	0	-0.03	-0.02	0	0	0	0	0	0
6/1/2023 10:00	64801 MONE_T2	1	3	2	0.5	0.13	-0.37	0.64	0.71	0	0	0	0	0	0
6/1/2023 10:00	40502 CRES_T2	0	16	16	0	0.36	0.36	1.36	0.24	0	0	0	0	0	0
6/1/2023 10:00	60801 BUCK_T1	147	173	26	0.37	0.48	0.11	-0.29	-0.26	0	0	0	0	0	0
6/1/2023 10:00	64301 LINC_T1	0	0	0	0	0	0	0.17	0.2	1	1	0	600	600	0
6/1/2023 10:00	61202 REIN_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
6/1/2023 10:00	56801 BENV_T1	35	27	-8	0.71	0.56	-0.15	-0.98	-0.77	0	0	0	0	0	0
6/1/2023 10:00	67502 WEWI_T2	1	10	9	0.3	0.29	-0.01	-0.04	-0.05	0	0	0	0	0	0
6/1/2023 10:00	67503 WEWI_T2	0	1	1	0	0.1	0.1	-0.26	-0.08	0	0	0	0	0	0
6/1/2023 10:00	42201 SHEN_T2	0	0	0	0	0	0	0.77	0.79	0	0	0	0	0	0
6/1/2023 10:00	60801 BUCK_T1	147	173	26	0.37	0.48	0.11	-0.29	-0.26	0	0	0	0	0	0
6/1/2023 10:00	24104 EHAZ_T1	1	2	1	0.2	0.15	-0.05	0	0	0	0	0	0	0	0
6/1/2023 10:00	56802 BENV_T2	10	7	-3	0.46	0.36	-0.1	-6.03	-5.76	0	0	0	0	0	0
6/1/2023 10:00	49803 UNIV_T1	1	39	38	0.5	0.17	-0.33	-1.97	-2	0	0	0	0	0	0
6/1/2023 10:00	40902 JESH_T1	0	0	0	0	0	0	0.17	0.26	2	2	0	1200	1200	0
6/1/2023 10:00	42701 AUGU_T1	1	1	0	0.1	0.1	0	0	0	2	2	0	1800	1800	0
6/1/2023 10:00	59101 WALK_T2	0	0	0	0	0	0	3.12	3.56	0	0	0	0	0	0
6/1/2023 10:00	67603 WARW_T1	1	1	0	0.2	0.7	0.5	0	0	0	0	0	0	0	0
6/1/2023 10:00	11101 EGYP_T1	0	2	2	0	0	0	0	0	0	0	0	0	0	0
6/1/2023 10:00	45302 WBER_T2	0	1	1	0	0	0	0	0	0	0	0	0	0	0
6/1/2023 10:00	42802 SELI_T1	0	0	0	0	0	0	-1.2	-1.24	2	2	0	1800	1800	0
6/1/2023 10:00	66502 SMAN_T2	1	1	0	0.1	0.3	0.2	0	0	0	0	0	0	0	0
6/1/2023 10:00	12401 MILF_T1	1	0	-1	0.1	0	-0.1	0	0	0	0	0	0	0	0
6/1/2023 10:00	47901 HRDG_T1	0	0	0	0	0	0	1.68	1.78	0	0	0	0	0	0
6/1/2023 10:00	41801 GOCI_T2	3	4	1	0.53	0.68	0.15	0	0	0	0	0	0	0	0
6/1/2023 10:00	41902 REED_T1	0	1	1	0	0	0	1.12	1.08	0	0	0	0	0	0
6/1/2023 10:00	52502 PROG_T2	0	2	2	0	0.3	0.3	-1.32	-1.28	2	2	0	1800	1800	0
6/1/2023 10:00	52503 PROG_T2	0	0	0	0	0	0	-0.64	-0.61	1	1	0	900	900	0
6/1/2023 10:00	52403 GRPA_T2	1	0	-1	0.1	0	-0.1	0.24	0.22	0	0	0	0	0	0
6/1/2023 10:00	28604 BLYT_T2	1	2	1	0.2	0.1	-0.1	-1.32	-1.3	0	0	0	0	0	0
6/1/2023 10:00	46506 LOHA_T1	0	0	0	0	0	0	-0.36	-0.35	0	0	0	0	0	0
6/1/2023 10:00	44801 EDAN_T2	1	2	1	0.8	1.3	0.5	0	0	0	0	0	0	0	0
6/1/2023 10:00	66701 STRA_T1	0	1	1	0	0.1	0.1	0	0	0	0	0	0	0	0
6/1/2023 10:00	65004 NEFF_T2	0	0	0	0	0	0	0.45	0.45	0	0	0	0	0	0
6/1/2023 10:00	58402 MORO_T1	0	2	2	0	0	0	0.99	-1	2	2	0	1500	1500	0
6/1/2023 10:00	54505 ENOL_T2	1	1	0	0.6	0.4	-0.2	0	0	0	0	0	0	0	0
6/1/2023 10:00	20401 ASHF_T2	31	7	-24	0.24	0.41	0.17	0	0	0	0	0	0	0	0
6/1/2023 10:00	41602 CLEV_T1	0	0	0	0	0	0	0	0	3	3	0	1800	1800	0
6/1/2023 10:00	16301 ALPA_T1	0	0	0	0	0	0	-0.09	-0.09	0	0	0	0	0	0
6/1/2023 10:00	55101 WERT_T1	0	0	0	0	0	0	-1.53	-1.38	3	3	0	2400	2400	0
6/1/2023 10:00	29401 BELT_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
6/1/2023 10:00	12605 MACA_T1	1	1	0	0.7	0.7	0	0	0	0	0	0	0	0	0
6/1/2023 10:00	42903 MIDD_T2	0	0	0	0.81	0	0	-0.51	-0.5	2	2	0	900	900	0
6/1/2023 10:00	65604 QVIL_T2	0	0	0	0	0	0	0.4	0.46	0	0	0	0	0	0
6/1/2023 10:00	44502 HAMI_T2	1	1	0	1.9	1.8	-0.1	-0.78	-0.79	0	0	0	0	0	0
6/1/2023 10:00	47401 PENS_T1	0	0	0	0	0	0	2.27	2.51	0	0	0	0	0	0
6/1/2023 10:00	43201 MVIL_T2	1	1	0	0.3	0.1	-0.2	0	0	0	0	0	0	0	0
6/1/2023 10:00	29402 BELT_T1	2	2	0	0.3	0.25	-0.05	0	0	0	0	0	0	0	0
6/1/2023 10:00	45003 LIME_2	1	1	0	3.8	3.7	-0.1	0	0	1	1	0	1200	1200	0
6/1/2023 10:00	64101 REFR_T1	0	0	0	0	0	0	-0.12	-0.07	0	0	0	0	0	0
6/1/2023 10:00	27101 GFLD_T2	0	1	1	0	0.2	0.2	0	0	2	2	0	1200	1200	0
6/1/2023 10:00	28403 HART_T2	0	0	0	0	0	0	-1.28	-1.32	2	2	0	1800	1800	0
6/1/2023 10:00	63804 HEMP_T1	1	1	0	6.6	6.7	0.1	0	0	0	0	0	0	0	0
6/1/2023 10:00	53501 EVIL_T2	1	2	1	0.7	0.3	-0.4	0.03	0.03	2	4	2	1200	2400	1200
6/1/2023 10:00	10805 CHHI_T2	1	1	0	7.9	7.6	-0.3	-1.2	-1.41	2	2	0	1800	1800	0
6/1/2023 10:00	47802 MOCA_T2	2	2	0	0.55	0.6	0.05	-0.72	-0.79	0	0	0	0	0	0
6/1/2023 10:00	41902 REED_T1	0	1	1	0	0	0	1.12	1.08	0	0	0	0	0	0
6/1/2023 10:00	15001 BLMO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
6/1/2023 10:00	56601 HAMP_T1	0	0	0	0	0	0	-0.03	-0.03	0	0	0	0	0	0
6/1/2023 10:00	40505 CRES_T1	1	0	-1	0.2	0	-0.2	0.45	0.47	0	0	0	0	0	0
6/1/2023 10:12	46506 LOHA_T1	0	0	0	0	0	0	-0.35	-0.37	0	0	0	0	0	0
6/1/2023 10:12	53501 EVIL_T2	1	2	1	0.7	0.3	-0.4	0.01	-0.48	1	2	1	600	1200	600
6/1/2023 10:17	60101 COCA_T1	0	0	0	0	0	0	0.34	0.35	0	0	0	0	0	0
6/1/2023 10:17	42201 SHEN_T2	0	0	0	0	0	0	0.79	0.78	0	0	0	0	0	0
6/1/2023 10:17	60801 BUCK_T1	164	167	3	0.46	0.46	0	0	0	0	0	0	0	0	0
6/1/2023 10:17	66502 SMAN_T2	1	1	0	0.3	0.3	0	0	0	0	0	0	0	0	0
6/1/2023 10:19	12403 MILF_T1	1	1	0	2	2.3	0.3	0	0	0	0	0	0	0	0
6/1/2023 10:26	66302 MCGO_T2	0	0	0	0	0	0	-0.79	-0.73	1	1	0	600	600	0
6/1/2023 10:32	15001 BLMO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
6/1/2023 10:36	66902 SHIL_T2	0	1	1	0	0.4	0.4	0	0	0	0	0	0	0	0
6/1/2023 10:38	65003 NEFF_T2	1	1	0	0.2	0.1	-0.1	0	0	0	0	0	0	0	0
6/1/2023 10:38	40502 CRES_T2	0	1	1	0	0.1	0.1

Appendix C - Grid Benefits Achieved in Each Instance of Active Management

6/1/2023 12:08	56802 BENV_T2	1	1	0	0.9	1	0.1	-0.49	-0.59	0	0	0	0	0	0
6/1/2023 12:10	56802 BENV_T2	1	1	0	0.9	1	0.1	-0.49	-0.59	0	0	0	0	0	0
6/1/2023 12:11	53501 EVIL_T2	6	6	0	0.62	0.55	-0.07	-0.68	-0.56	2	2	0	1200	1200	0
6/1/2023 12:12	46506 LOHA_T1	1	2	1	0.3	0.4	0.1	-0.38	-0.37	0	0	0	0	0	0
6/1/2023 12:15	15001 BLMO_T1	0	1	1	0	0.1	0.1	0	0	0	0	0	0	0	0
6/1/2023 12:19	67502 WEWI_T2	1	1	0	0.7	0.3	-0.4	0.06	0.13	0	0	0	0	0	0
6/1/2023 12:45	15001 BLMO_T1	1	1	0	0.1	0.1	0	0	0	0	0	0	0	0	0
6/1/2023 12:54	55101 WERT_T1	0	0	0	0	0	0	-1.67	-1.64	3	3	0	2400	2400	0
6/1/2023 13:48	56802 BENV_T2	1	1	0	0.6	0.6	0	-0.51	-0.47	0	0	0	0	0	0
6/1/2023 13:50	10805 CHHI_T2	3	3	0	2.97	8.4	5.43	-1.04	-1.14	2	2	0	1800	1800	0
6/1/2023 13:50	56803 BENV_T1	1	1	0	1.2	0	-1.2	0	0	0	0	0	0	0	0
6/1/2023 13:51	24105 EHAZ_T1	4	4	0	6.28	6.1	-0.18	0	0	0	0	0	0	0	0
6/1/2023 13:51	15001 BLMO_T1	1	1	0	0.3	0.3	0	0	0	0	0	0	0	0	0
6/1/2023 13:52	29401 BELT_T1	1	1	0	0.2	0.6	0.4	0	0	0	0	0	0	0	0
6/1/2023 13:52	56801 BENV_T1	21	18	-3	0.84	0.83	-0.01	-0.5	-0.48	1	1	0	600	600	0
6/1/2023 13:53	60501 NMAN_T2	3	3	0	3.8	3.97	0.17	0	0	0	0	0	0	0	0
6/1/2023 13:53	42802 SELI_T1	1	1	0	0.5	0.1	-0.4	-1.54	-1.48	1	1	0	900	900	0
6/1/2023 13:53	52403 GRPA_T2	0	0	0	0	0	0	0.32	0.38	0	0	0	0	0	0
6/1/2023 13:55	43202 MVIL_T2	0	0	0	0	0	0	-0.47	-0.48	0	0	0	0	0	0
6/1/2023 13:56	56801 BENV_T1	21	18	-3	0.84	0.83	-0.01	-0.5	-0.48	1	1	0	600	600	0
6/1/2023 13:57	15001 BLMO_T1	1	1	0	0.3	0.3	0	0	0	0	0	0	0	0	0
6/1/2023 13:57	49804 UNIV_T1	0	0	0	0	0	0	1.85	1.82	0	0	0	0	0	0
6/1/2023 13:59	56801 BENV_T1	21	18	-3	0.84	0.83	-0.01	-0.5	-0.48	1	1	0	600	600	0
6/1/2023 14:01	46506 LOHA_T1	1	0	-1	0.1	0	-0.1	-0.29	-0.28	0	0	0	0	0	0
6/1/2023 14:01	56801 BENV_T1	18	12	-6	0.82	1.03	0.21	-0.5	-0.48	1	1	0	600	600	0
6/1/2023 14:03	44802 EDAN_T2	0	0	0	0	0	0	-1.35	-1.37	1	1	0	1200	1200	0
6/1/2023 14:05	28604 BLYT_T2	0	0	0	0	0	0	-1.09	-1.04	0	0	0	0	0	0
6/1/2023 14:05	28403 HART_T2	0	0	0	0	0	0	-0.42	-0.52	1	1	0	900	900	0
6/1/2023 14:05	42802 SELI_T1	1	0	-1	0.1	0	-0.1	-1.48	-1.42	1	1	0	900	900	0
6/1/2023 14:05	61202 REIN_T1	2	2	0	0.3	0.15	-0.15	0	0	0	0	0	0	0	0
6/1/2023 14:06	56803 BENV_T1	1	0	-1	1.3	0	-1.3	0	0	0	0	0	0	0	0
6/1/2023 14:06	42902 MIDD_T2	1	3	2	1.5	1.35	-0.15	-0.23	-0.27	2	2	0	900	900	0
6/1/2023 14:07	56803 BENV_T1	1	0	-1	1.3	0	-1.3	0	0	0	0	0	0	0	0
6/1/2023 14:08	20403 ASHF_T2	9	9	0	0.58	0.77	0.19	0.88	0.76	0	0	0	0	0	0
6/1/2023 14:08	56802 BENV_T2	1	1	0	0.6	0.5	-0.1	-0.48	-0.41	0	0	0	0	0	0
6/1/2023 14:12	58402 MORO_T1	0	0	0	0	0	0	-0.87	-0.86	2	2	0	1500	1500	0
6/1/2023 14:36	27503 WEIS_T2	2	2	0	0.15	0.2	0.05	0	0	0	0	0	0	0	0
6/1/2023 14:38	14801 TREI_T2	2	3	1	0.75	0.65	-0.1	0.82	0.88	0	0	0	0	0	0
6/1/2023 14:45	67503 WEWI_T2	0	0	0	0	0	0	0.16	0.16	0	0	0	0	0	0
6/1/2023 15:28	65604 QVIL_T2	0	0	0	0	0	0	0.65	0.59	0	0	0	0	0	0
6/1/2023 15:34	65604 QVIL_T2	0	0	0	0	0	0	0.59	0.64	0	0	0	0	0	0
6/1/2023 15:35	65604 QVIL_T2	0	0	0	0	0	0	0.59	0.64	0	0	0	0	0	0
6/1/2023 15:59	64204 KINZ_T1	1	1	0	0.9	0.8	-0.1	0	0	0	0	0	0	0	0
6/1/2023 16:05	60803 BUCK_T1	1	0	-1	3.1	0	-3.1	-0.96	-0.93	1	1	0	600	600	0
6/1/2023 16:10	60801 BUCK_T1	24	17	-7	0.26	0.23	-0.03	0	0	0	0	0	0	0	0
6/1/2023 16:21	56803 BENV_T1	0	0	0	0	0	0	0.45	0.46	0	0	0	0	0	0
6/1/2023 16:39	64801 MONE_T2	0	0	0	0	0	0	0.63	0.67	0	0	0	0	0	0
6/1/2023 16:45	60801 BUCK_T1	16	4	-12	0.21	0.13	-0.08	0	0	0	0	0	0	0	0
6/1/2023 16:48	43304 WATS_T2	7	10	3	0.51	0.41	-0.1	-0.42	-0.36	1	1	0	600	600	0
6/1/2023 16:48	65604 QVIL_T2	1	0	-1	0.3	0	-0.3	0.64	0.61	0	0	0	0	0	0
6/1/2023 16:49	40902 JESH_T1	0	0	0	0	0	0	-0.7	-0.68	2	2	0	1200	1200	0
6/1/2023 16:55	56802 BENV_T2	0	0	0	0	0	0	-0.16	-0.21	0	0	0	0	0	0
6/1/2023 16:58	56802 BENV_T2	0	0	0	0	0	0	-0.16	-0.21	0	0	0	0	0	0
6/1/2023 17:11	56803 BENV_T1	0	0	0	0	0	0	0.43	0.46	0	0	0	0	0	0
6/1/2023 17:13	44203 POIN_T2	0	0	0	0	0	0	-0.16	-0.17	2	2	0	2100	2100	0
6/1/2023 17:36	40502 CRES_T2	0	2	2	0	0.3	0.3	-2.23	-0.24	0	0	0	0	0	0
6/1/2023 17:39	56501 ROCK_T2	3	2	-1	0.5	0.7	0.2	0	0	0	0	0	0	0	0
6/1/2023 17:47	63401 HONY_T1	0	0	0	0	0	0	0.42	0.41	1	1	0	600	600	0
6/1/2023 18:02	27502 WEIS_T2	0	0	0	0	0	0	-0.04	-0.1	0	0	0	0	0	0
6/1/2023 19:15	27101 GFLD_T2	6	5	-1	0.68	0.4	-0.28	0	0	2	2	0	1200	1200	0
6/1/2023 19:55	56802 BENV_T2	0	1	1	0	0.3	0.3	-0.26	-0.28	0	0	0	0	0	0
6/1/2023 20:11	63403 HONY_T2	0	0	0	0	0	0	-0.85	-0.78	1	1	0	600	600	0
6/1/2023 20:22	20403 ASHF_T2	0	47	47	0	6.04	6.04	0.63	0.63	0	0	0	0	0	0
6/1/2023 20:24	28604 BLYT_T2	0	0	0	0	0	0	-0.92	-0.94	0	0	0	0	0	0
6/1/2023 20:24	15001 BLMO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
6/1/2023 20:41	40502 CRES_T2	12	15	3	0.23	0.23	0	-0.46	-0.53	0	0	0	0	0	0
6/1/2023 21:26	65601 QVIL_T2	0	19	19	0	0.14	0.14	0	0	0	0	0	0	0	0
6/1/2023 21:26	56802 BENV_T2	1	1	0	0.7	0.8	0.1	-0.39	-0.43	0	0	0	0	0	0
6/1/2023 21:27	67503 WEWI_T2	0	0	0	0	0	0	0.22	0.14	0	0	0	0	0	0
6/1/2023 21:28	56801 BENV_T1	12	19	7	0.91	0.74	-0.17	-0.44	-0.48	1	1	0	600	600	0
6/1/2023 21:29	24105 EHAZ_T1	5	5	0	5.04	5.2	0.16	0	0	0	0	0	0	0	0
6/1/2023 21:29	10805 CHHI_T2	4	11	7	2.53	1.17	-1.36	-0.67	-0.73	1	1	0	600	600	0
6/1/2023 21:30	15001 BLMO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
6/1/2023 21:31	56801 BENV_T1	16	20	4	0.72	1.31	0.59	-0.44	-0.48	1	1	0	600	600	0
6/1/2023 21:31	12701 MACU_T1	0	0	0	0	0	0	-0.98	-1.01	1	1	0	1200	1200	0
6/1/2023 21:32	52403 GRPA_T2	0	0	0	0	0	0	0	0.11	0	0	0	0	0	0
6/1/2023 21:32	60502 NMAN_T2	0	0	0	0	0	0	0.24	-0.06	0	0	0	0	0	0
6/1/2023 21:32	67503 WEWI_T2	0	0	0	0	0	0	0.22	0.14	0	0	0	0	0	0
6/1/2023 21:34	42802 SELI_T1	0	0	0	0	0	0	-0.64	-0.67	1	1	0	900	900	0
6/1/2023 21:35	65604 QVIL_T2	0	0	0	0	0	0	0.48	0.49	0	0	0	0	0	0
6/1/2023 21:36	49804 UNIV_T1	0	0	0	0	0	0	0.92	0.87	0	0	0	0	0	0
6/1/2023 21:38	56801 BENV_T1	16	20	4	0.72	1.31	0.59	-0.48	-0.51	1	1	0	600	600	0
6/1/2023 21:38	44801 EDAN_T2	2	1	-1	1.2	0.6	-0.6	0	0	0	0	0	0	0	0
6/1/2023 21:38	67502 WEWI_T2	0	0	0	0	0	0	-0.25	-0.21	0	0	0	0	0	0
6/1/2023 21:39	43202 MVIL_T2	0	0	0	0	0	0	-0.6	-0.6	0	0	0	0	0	0
6/1/2023 21:40	15001 BLMO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
6/1/2023 21:41	15001 BLMO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
6/1/2023 21:42	52004 LING_T2	1	0	-1	0.3	0	-0.3	0	0	0	0	0	0	0	0
6/1/2023 21:44	41601 CLEV_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
6/1/2023 21:44	42903 MIDD_T2	2	2	0	0.4	0.45	0.05	0	0	0	0	0	0	0	0
6/1/2023 21:44	28403 HART_T2	0	0	0	0	0	0	-0.47	-0.49	1	1	0	900	900	0
6/1/2023 21:45	53601 DALM_T2	1	1	0	4.1	5	0.9	-0.73	-0.48	1	1	0	900	900	0
6/1/2023 21:45	40502 CRES_T2	5	4	-1	0.24	0.23	-0.01	-0.6	-0.07	0	0	0	0	0	0
6/1/2023 21:45	42802 SELI_T1	0	0	0	0	0	0	-0.64	-0.67	1	1	0	900	900	0
6/1/2023 21:47	56802 BENV_T2	1	1	0	0.6	0.9	0.3	-0.43	-0.5	0	0	0	0	0	0
6/1/2023 21:50	58402 MORO_T1	0	0	0	0	0	0	-1.11	-1.19	2	2	0	1500	1500	0
6/1/2023 21:52	40502 CRES_T2	5	4	-1	0.24	0.23	-0.01	-0.07	-0.15	0	0	0	0	0	0
6/1/2023 21:57	55101 WERT_T1	0	0	0	0	0	0	-1.79	-1.4	3	2	-1	2400	1800	-600
6/1/2023 22:04	60803 BUCK_T1	1	3	2	0.4	0.27	-0.13	-0.65	-0.73	1	1	0	600	600	0
6/1/2023 22:04	66505 SMAN_T2	1	0	-1	0.1	0	-0.1	0.34	0.3	2	2	0	1500	1500	0
6/1/2023 22:10	53501 EVIL_T2	1	3	2	0.4	0.23	-0.17	-1.08	-1.09	1	1	0	600	600	0
6/1/2023 22:11	56802 BENV_T2	0	1	1	0.4	0.3	-0.1	-0.5	-0.53	0	0	0	0	0	0
6/1/2023 22:25	67503 WEWI_T2	0	0	0	0	0	0	0.1	0.05	0	0	0	0	0	0
6/1/2023 22:33	28403 HART_T2	0	0	0	0	0	0	-0.53	-0.56	1	1	0	900	900	0
6/1/2023 22:34	66901 SHIL_T2	0	0	0	0	0	0	-0.91	-0.92	1	1	0	1200	1200	0
6/1/2023 22:35	27101 GFLD_T2	1	0	-1	0.4	0	-0.4	0	0	2	2	0	1200	1200	0
6/1/2023 22:35	61202 REIN_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
6/1/2023 22:41	55101 WERT_T1	0	0	0	0	0	0	-1.45	-1.45	2	2	0	1800	1800	0
6/1/2023 22:45	63402 HONY_T2	1	1	0	1.3	1.6	0.3	0	0	0	0	0	0	0	0
6/1/2023 22:46	43304 WATS_T2	0	0	0	0	0	0	-0.07	-0.06	0	0	0	0	0	0
6/1/2023 22:51	53501 EVIL_T2	3	9	6	0.23	0.53	0.3	-1.26	-1.23	1	1	0	600	600	0
6/1/2023 22:55	46504 LOHA_T1	2	34	32	1.4	0.28	-1.12	0	0	0	0	0	0	0	0
6/1/2023 22:57	40902 JESH_T1	0	0	0	0	0	0	-0.26	-0.24	1	1	0	600	600	0
6/1/2023 22:59	56801 BENV_T1	27	32	5	1.11	1.14	0.03	-0.63	-0.67	1	1	0	600	600	0
6/1/2023 23:00	46504 LOHA_T1	34	29	-5	0.26	0.27	0.01	0	0	0	0	0	0	0	0
6/1/2023 23:01	56801 BENV_T1	27	35	8	1.29	0.65	-0.64	-0.63	-0.67	1	1	0	600	600	0
6/1/2023 23:02	40901 JESH_T1	1	1	0	0.2	0	-0.2	0	0	0	0	0	0	0	0
6/1/2023 23:04	52403 GRPA_T2	0	0	0	0	0	0	0	-0.01	0	0	0	0	0	0
6/1/2023 23:05	45003 LIME_2	1	1	0	4.2	4.5	0.3	0	0	1	1	0	1200	1200	0
6/1/2023 23:08	56801 BENV_T1	27	35	8	1.29	0.65	-0.64	0	0	0	0	0	0	0	0
6/1/2023 23:10	56801 BENV_T1	27	35	8	1.29	0.65	-0.64	-0.67	-0.71	1	1	0	600	600	0
6/1/2023 23:11	56801 BENV_T1	27	35	8	1.29	0.65	-0.64	-0.67	-0.71	1	1	0	600	600	0
6/1/2023 23:12	44802 EDAN_T2	0	0	0	0	0	0	-1.6	-1.64	1	1	0	1200	1200	0
6/1/2023 23:12	44203 POIN_T2	0	0	0	0	0	0	-0.68	-0.66	2	2	0	2100	2100	0
6/1/2023 23:17	42701 AUGU_T1	0	0	0	0	0	0	0	0	2	2	0	1800	1800	0
6/1/2023 23:18	53501 EVIL_T2	9	14	5	0.46	0.38	-0.08	-1.23	-1.3	1	1	0	600	600	0
6/1/2023 23:19	40502 CRES_T2	9	16	7	0.22	0.2	-0.02	-0.3	-0.33	0	0	0	0	0	0
6/1/2023 23:25	11104 EGYP_T1	0	0	0	0	0	0	0.76	0.71	0	0	0	0	0	0
6/1/2023 23:27	29402 BELT_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
6/1/2023 23:31	29402 BELT_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
6/1/2023 23:32	64801 MONE_T2	0	0	0	0	0	0	0.44	0.42	0	0	0	0	0	0
6/1/2023 23:36	63404 HONY_T1	2	2	0	8.95	9.1	0.15	0	0	0	0	0	0	0	0
6/2/2023 0:08	16301 ALPA_T1	1	1	0	0	0.1	0.1	-1.46	-1.45	0	0	0	0	0	0
6/2/2023 0:16	44502 HAMI_T2	1	1	0	3	3.4	0.4	-0.78	-0.82	0	0	0	0	0	0
6/2/2023 0:28	56803 BENV_T1	0	0	0	0	0	0	0.06	0.04	0	0	0	0	0	0
6/2/2023 0:28	63401 HONY_T1	0	0	0	0	0	0	0.15	0.11	1	1	0	600	600	0
6/2/2023 0:28	43304 WATS_T2	0	0	0	0	0	0	-0.49	-0.56	0	0	0	0	0	0
6/2/2023 0:28	52403 GRPA_T2	0	0	0	0	0	0	-0.07	-0.1	0	0	0	0	0	0
6/2/2023 0:28	66505 SMAN_T2	0	0	0	0	0	0	0.39	0.31	1	1	0	900	900	0
6/2/2023 0:28	67503 WEWI_T2	0	0	0	0	0	0	-0.28	-0.28	0	0	0	0	0	0
6/2/2023 0:28	44502 HAMI_T2	1	1	0	3	3.4	0.4	-0.82	-0.81	0	0	0	0	0	0
6/2/2023 0:28	16301 ALPA_T1	0	1	1	0	0.2	0.2	-1.45	-1.48	0	0	0	0	0	0
6/2/2023 0:28	63403 HONY_T2	0	0	0	0	0	0	0.3	0.27	0	0	0	0	0	0
6/2/2023 0:28	56802 BENV_T2	1	1	0	0.2	0.7	0.5	-1.37	-1.42	0	0	0	0	0	0
6/2/2023 0:28	45003 LIME_2	1	1	0	4.5	5	0.5	0	0	1	1	0	1200	1200	0
6/2/2023 0:28	42701 AUGU_T1	1	1	0	0.3	0.7	0.4	0	0	2	2	0	1800	1800	0
6/2/2023 0:28	44802 EDAN_T2	0	0	0	0	0	0	-1.68	-1.71	1	1	0	1200	1200	0
6/2/2023 0:28	27101 GFLD_T2	0	0	0	0	0	0	0	0	1	1	0	600	600	0
6/2/2023 0:28	56803 BENV_T1	0	0	0	0	0	0	0.06	0.04	0	0	0	0	0	0
6/2/2023 0:28	46506 LOHA_T1	0	0	0	0	0	0	-3	-3	2	2	0	1800	1800	0
6/2/2023 0:28	53501 EVIL_T2	10	14	4	0.2	0.47	0.27	-1.88	-1.98	0	0	0	0	0	0
6/2/2023 0:28	40902 JESH_T1	0	0	0	0	0	0	-0.78	-0.78	2	2	0	1200	1200	0
6/2/2023 0:28	44203 POIN_T2	0	0	0	0	0	0	0.25	0.17	1	1	0	900	900	0
6/2/2023 0:28	11104 EGYP_T1	0	0	0	0	0	0	0.6	0.6	0	0	0	0	0	0
6/2/2023 0:28	61202 REIN_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
6/2/2023 0:28	29402 BELT_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
6/2/2023 0:28	40502 CRES_T2	0	0	0	0	0	0	-0.42	-0.46	0	0	0	0	0	0
6/2/2023 2:25	67503 WEWI_T2	0	0	0	0	0	0	-0.36	-0.34	0	0	0	0	0	0
6/2/2023 2:26	43304 WATS_T2	0	0	0	0	0	0	0.24	0.19	0	0	0	0	0	0
6/2/2023 2:28	29401 BELT_T1	0	0	0	0	0	0	0	0	1	1	0	900	900	0
6/2/2023 2:28	27502 WEIS_T2	0	0	0	0	0	0	-0.27	-0.25	0	0	0	0	0	0
6/2/2023 2:28	16301 ALPA_T1	1	1	0	0.3	0.4	0.1	-1.69	-1.71	0	0	0	0	0	0
6/2/2023 2:31	40502 CRES_T2	20	22	2	0.47	0.44	-0.03	-0.53	-0.55	0	0	0	0	0	0
6/2/2023 2:32	44802 EDAN_T2	0	0	0	0	0	0	-1.79	-1.78	1	1	0	1200	1200	0
6/2/2023 2:42	29401 BELT_T1	0	0	0	0	0	0	0	0	1	1	0	900	900	0
6/2/2023 2:44	40502 CRES_T2	20	22	2	0.47	0.44	-0.03	-0.55	-0.54	0	0	0	0	0	0
6/2/2023 2:55	27101 GFLD_T2	0	0	0	0	0	0	0	0	1	1	0	600	600	0
6/2/2023 3:18	53501 EVIL_T2	19	20	1	1.11	1.18	0.07	-0.69	-0.73	0	0	0	0	0	0
6/2/2023 3:21	56802 BENV_T2	1	1	0	1.2	1.1	-0.1	-1.45	-1.46	0	0	0	0	0	0
6/2/2023 3:30	53501 EVIL_T2	20	20	0	1.14	1.2	0.06	-0.73	-0.74	0	0	0	0	0	0
6/2/2023 3:31	53501 EVIL_T2	20	20	0	1.14	1.2	0.06	-0.73	-0.74	0	0	0	0	0	0
6/2/2023 3:45	63403 HONY_T2	0	0	0	0	0	0	0.15	0.1	0	0	0	0	0	0
6/2/2023 3:57	46506 LOHA_T1	0	1	1	0	0.2	0.2	-1.6	-1.56	1	1	0	900	900	0
6/2/2023 3:58	42201 SHEN_T2	0	0	0	0	0	0	0.64	0.59	0	0	0	0	0	0
6/2/2023 4:05	56801 BENV_T1	42	42	0	1.2	1.13	-0.07	-0.91	-0.9	1	1	0	600	600	0
6/2/2023 4:06	64204 KINZ_T1	84	57	-27	0.18	0.15	-0.03	0	0	0	0	0	0	0	0
6/2/2023 4:09	66505 SMAN_T2	0	0	0	0	0	0	-0.01	0.06	1	1	0	900	900	0
6/2/2023 4:11	46506 LOHA_T1	1	0	-1	0.2	0	-0.2	-1.56	-1.58	1	1

Appendix C - Grid Benefits Achieved in Each Instance of Active Management

6/2/2023 10:00	42902 MIDD_T2	0	1	1	0	0	0	-0.46	-0.48	2	2	0	900	900	0
6/2/2023 10:00	67502 WEWI_T2	0	0	0	0	0	0	0.08	0.16	0	0	0	0	0	0
6/2/2023 10:00	12605 MACA_T1	1	1	0	0.8	0.9	0.1	0	0	0	0	0	0	0	0
6/2/2023 10:00	11104 EGYP_T1	0	0	0	0	0	0	0.93	0.97	0	0	0	0	0	0
6/2/2023 10:00	24104 EHAZ_T1	0	1	1	0	0.2	0.2	0	0	0	0	0	0	0	0
6/2/2023 10:00	56601 HAMP_T1	0	0	0	0	0	0	-0.11	-0.05	0	0	0	0	0	0
6/2/2023 10:00	28403 HART_T2	0	0	0	0	0	0	-0.57	-0.56	1	1	0	900	900	0
6/2/2023 10:00	10805 CHHI_T2	3	1	-2	3.3	8.7	5.4	-1.02	-0.89	2	2	0	1800	1800	0
6/2/2023 10:00	66505 SMAN_T2	0	0	0	0	0	0	0.67	0.95	8	8	0	4600	4600	0
6/2/2023 10:00	55101 WERT_T1	0	0	0	0	0	0	-1.8	-1.66	4	4	0	3300	3300	0
6/2/2023 10:00	56802 BENV_T2	2	1	-1	0.6	0.9	0.3	-1.77	-1.77	0	0	0	0	0	0
6/2/2023 10:00	41602 CLEV_T1	0	0	0	0	0	0	0	0	3	3	0	1800	1800	0
6/2/2023 10:00	64204 KINZ_T1	5	5	0	0.36	0.88	0.52	0	0	0	0	0	0	0	0
6/2/2023 10:00	56803 BENV_T1	1	0	-1	1.5	0	-1.5	0.32	0.37	0	0	0	0	0	0
6/2/2023 10:00	14802 TREI_T2	1	3	2	0.6	0.7	0.1	0	0	0	0	0	0	0	0
6/2/2023 10:00	44802 EDAN_T2	0	0	0	0	0	0	-1.47	-1.39	1	1	0	1200	1200	0
6/2/2023 10:00	46506 LOHA_T1	0	0	0	0	0	0	-2.74	-2.7	2	2	0	1800	1800	0
6/2/2023 10:00	63403 HONY_T2	0	0	0	0	0	0	-0.04	-0.21	1	1	0	600	600	0
6/2/2023 10:00	44505 HAMI_T2	1	0	-1	0.2	0	-0.2	0	0	0	0	0	0	0	0
6/2/2023 10:00	67503 WEWI_T2	0	0	0	0	0	0	0.07	0.12	0	0	0	0	0	0
6/2/2023 10:00	53501 EVIL_T2	1	1	0	0.7	0.3	-0.4	0.61	0.49	3	6	3	1800	3600	1800
6/2/2023 10:00	29402 BELT_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
6/2/2023 10:00	67605 WARW_T1	1	1	0	0.3	0.4	0.1	0	0	0	0	0	0	0	0
6/2/2023 10:00	41602 CLEV_T1	0	0	0	0	0	0	0	0	3	3	0	1800	1800	0
6/2/2023 10:00	61202 REIN_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
6/2/2023 10:00	60502 NMAN_T2	0	0	0	0	0	0	0.29	0.26	0	0	0	0	0	0
6/2/2023 10:00	65604 QVIL_T2	0	0	0	0	0	0	1.37	1.42	0	0	0	0	0	0
6/2/2023 10:00	52004 LING_T2	0	0	0	0	0	0	0.51	0.49	0	0	0	0	0	0
6/2/2023 10:00	12701 MACU_T1	1	1	0	0.1	0	-0.1	0.24	0.27	0	0	0	0	0	0
6/2/2023 10:00	52403 GRPA_T2	1	0	-1	0.5	0	-0.5	0.53	0.55	0	0	0	0	0	0
6/2/2023 10:00	15001 BLMO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
6/2/2023 10:00	44203 POIN_T2	0	2	2	0	0	0	0.08	0.15	2	2	0	2100	2100	0
6/2/2023 10:00	40502 CRES_T2	0	0	0	0	0	0	0.31	0.47	0	0	0	0	0	0
6/2/2023 10:00	27503 WEIS_T2	0	1	1	0	0.1	0.1	0	0	0	0	0	0	0	0
6/2/2023 10:00	49804 UNIV_T1	0	0	0	0	0	0	0.94	0.98	0	0	0	0	0	0
6/2/2023 10:00	56801 BENV_T1	10	16	6	0.29	0.41	0.12	-0.21	-4.41	7	7	0	4200	4200	0
6/2/2023 10:00	58402 MORO_T1	0	0	0	0	0	0	-0.83	-0.83	2	2	0	1500	1500	0
6/2/2023 10:00	52503 PROG_T2	0	0	0	0	0	0	-0.42	-0.39	1	1	0	900	900	0
6/2/2023 10:00	40505 CRES_T1	0	0	0	0	0	0	0.64	0.61	0	0	0	0	0	0
6/2/2023 10:00	45003 LIME_2	1	1	0	1.5	2.1	0.6	0	0	1	1	0	1200	1200	0
6/2/2023 10:00	43202 MVIL_T2	0	0	0	0	0	0	-0.56	-0.57	0	0	0	0	0	0
6/2/2023 10:00	42802 SELI_T1	0	0	0	0	0	0	-0.72	-3.18	2	2	0	1800	1800	0
6/2/2023 10:00	29402 BELT_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
6/2/2023 10:00	28604 BLYT_T2	0	0	0	0	0	0	-1.2	-1.15	0	0	0	0	0	0
6/2/2023 10:00	64801 MONE_T2	0	0	0	0	0	0	0.88	0.94	0	0	0	0	0	0
6/2/2023 10:00	53601 DALM_T2	1	2	1	0.7	0.5	-0.2	-0.49	-0.46	1	1	0	900	900	0
6/2/2023 10:01	64702 LITI_T2	0	0	0	0	0	0	-0.08	-0.2	0	0	0	0	0	0
6/2/2023 10:10	59101 WALK_T2	0	1	1	0	0	0	1.26	1.44	0	0	0	0	0	0
6/2/2023 10:11	46504 LOHA_T1	1	0	-1	8.9	0	-8.9	0	0	0	0	0	0	0	0
6/2/2023 10:11	55101 WERT_T1	0	0	0	0	0	0	-1.66	-1.7	4	4	0	3300	3300	0
6/2/2023 10:16	60803 BUCK_T1	0	0	0	0	0	0	-1.24	-1.19	1	1	0	600	600	0
6/2/2023 10:16	42201 SHEN_T2	0	0	0	0	0	0	0.8	0.77	0	0	0	0	0	0
6/2/2023 10:20	56802 BENV_T2	1	1	0	0.8	0.9	0.1	-0.53	-0.53	0	0	0	0	0	0
6/2/2023 10:29	57303 MOAL_T2	1	1	0	6.8	6.8	0	0	0	0	0	0	0	0	0
6/2/2023 10:46	59102 WALK_T2	0	1	1	0	0.1	0.1	0	0	0	0	0	0	0	0
6/2/2023 11:04	28403 HART_T2	0	0	0	0	0	0	-0.39	-0.47	1	1	0	900	900	0
6/2/2023 11:05	53501 EVIL_T2	1	1	0	0.1	0.3	0.2	-0.26	-0.18	2	2	0	1200	1200	0
6/2/2023 11:05	66505 SMAN_T2	0	0	0	0	0	0	0.36	0.24	4	4	0	2300	2300	0
6/2/2023 11:05	47401 PENS_T1	1	1	0	0.7	0.7	0	1.42	1.4	0	0	0	0	0	0
6/2/2023 11:05	29402 BELT_T1	4	4	0	0.63	0.55	-0.08	0	0	0	0	0	0	0	0
6/2/2023 11:06	52002 LING_T2	0	1	1	0	0	0	0	0	0	0	0	0	0	0
6/2/2023 11:06	53501 EVIL_T2	1	1	0	0.1	0.3	0.2	-0.26	-0.18	2	2	0	1200	1200	0
6/2/2023 11:06	44802 EDAN_T2	0	0	0	0	0	0	-1.34	-1.3	1	1	0	1200	1200	0
6/2/2023 11:06	40901 JESH_T1	1	1	0	1.1	1.4	0.3	0	0	0	0	0	0	0	0
6/2/2023 11:06	63403 HONY_T2	0	0	0	0	0	0	0.79	0.09	1	1	0	600	600	0
6/2/2023 11:07	42902 MIDD_T2	1	2	1	1.6	0.7	-0.9	-0.4	-0.44	2	2	0	900	900	0
6/2/2023 11:07	56802 BENV_T2	0	0	0	0.8	0.5	-0.3	-0.47	-0.44	0	0	0	0	0	0
6/2/2023 11:07	44801 EDAN_T2	1	1	0	1.3	1	-0.3	0	0	0	0	0	0	0	0
6/2/2023 11:07	48901 FOSP_T2	0	0	0	0	0	0	0.06	0.04	1	1	0	600	600	0
6/2/2023 11:07	53501 EVIL_T2	1	1	0	0.1	0.3	0.2	-0.26	-0.18	2	2	0	1200	1200	0
6/2/2023 11:08	20401 ASHF_T2	3	2	-1	0.47	0.45	-0.02	0	0	0	0	0	0	0	0
6/2/2023 11:08	52403 GRPA_T2	0	1	1	0	0.1	0.1	0.35	0.39	0	0	0	0	0	0
6/2/2023 11:09	64201 KINZ_T1	0	0	0	0	0	0	0.2	0.27	3	3	0	1500	1500	0
6/2/2023 11:09	66505 SMAN_T2	0	0	0	0	0	0	0.36	0.24	4	4	0	2300	2300	0
6/2/2023 11:11	28604 BLYT_T2	0	0	0	0	0	0	-1.11	-1.07	0	0	0	0	0	0
6/2/2023 11:11	43202 MVIL_T2	0	0	0	0	0	0	-0.49	-0.49	0	0	0	0	0	0
6/2/2023 11:14	67502 WEWI_T2	0	0	0	0	0	0	0.15	0.25	0	0	0	0	0	0
6/2/2023 11:26	56802 BENV_T2	1	1	0	0.5	0.5	0	-0.44	-0.43	0	0	0	0	0	0
6/2/2023 11:27	60803 BUCK_T1	0	0	0	0	0	0	-1.02	-0.98	1	1	0	600	600	0
6/2/2023 11:37	48902 FOSP_T2	0	0	0	0	0	0	0.97	0.49	0	0	0	0	0	0
6/2/2023 11:48	48302 ORWI_T2	2	2	0	0.35	0.6	0.25	0.14	0.26	0	0	0	0	0	0
6/2/2023 11:56	11104 EGYP_T1	1	5	4	0.1	0	-0.1	0.3	0.31	1	1	0	900	900	0
6/2/2023 11:59	66901 SHIL_T2	0	0	0	0	0	0	-1.45	-1.47	1	1	0	1200	1200	0
6/2/2023 12:04	28403 HART_T2	0	0	0	0	0	0	-0.42	-0.38	1	1	0	900	900	0
6/2/2023 12:14	42802 SELI_T1	0	0	0	0	0	0	-1.32	-1.38	1	1	0	900	900	0
6/2/2023 12:16	54001 SDLE_T1	4	3	-1	1	0.97	-0.03	0	0	0	0	0	0	0	0
6/2/2023 13:12	66701 STRA_T1	0	1	1	0	0.5	0.5	0	0	0	0	0	0	0	0
6/2/2023 15:25	52403 GRPA_T2	0	0	0	0	0	0	-0.33	-0.29	0	0	0	0	0	0
6/2/2023 15:26	64101 REFR_T1	9	9	0	0.61	0	-0.61	-0.03	-0.04	0	0	0	0	0	0
6/2/2023 15:50	47401 PENS_T1	2	3	1	0.7	0.45	-0.25	0.46	0.54	0	0	0	0	0	0
6/2/2023 15:58	60101 COCA_T1	0	1	1	0	0.5	0.5	-0.34	-0.43	1	1	0	1200	1200	0
6/2/2023 16:08	44905 SCOT_T1	120	150	30	0.57	0.68	0.11	0	0	0	0	0	0	0	0
6/2/2023 16:10	52404 GRPA_T2	0	1	1	0	0.9	0.9	0	0	0	0	0	0	0	0
6/2/2023 16:15	52402 GRPA_T2	5	5	0	0.58	0.45	-0.13	0	0	0	0	0	0	0	0
6/2/2023 16:26	55103 WERT_T1	0	1	1	0	0.1	0.1	0	0	0	0	0	0	0	0
6/2/2023 16:29	25801 SUTR_T2	0	0	0	0	0	0	-0.05	-0.06	0	0	0	0	0	0
6/2/2023 16:34	56803 BENV_T1	9	9	0	1.11	0.9	-0.21	0.62	0.64	0	0	0	0	0	0
6/2/2023 16:42	15001 BLMO_T1	5	6	1	0.78	0.85	0.07	0	0	0	0	0	0	0	0
6/2/2023 16:43	45004 LIME_2	0	1	1	0	0	0	0	0	0	0	0	0	0	0
6/2/2023 16:43	27101 GFLD_T2	650	856	206	1.37	1.55	0.18	0	0	2	2	0	1200	1200	0
6/2/2023 16:45	65503 MOJO_T2	0	0	0	0	0	0	-0.39	-0.41	1	1	0	900	900	0
6/2/2023 16:46	25402 LAHA_T2	0	0	0	0	0	0	-0.27	-0.57	0	0	0	0	0	0
6/2/2023 16:46	43202 MVIL_T2	1	0	-1	0.1	0	-0.1	-0.45	-0.39	0	0	0	0	0	0
6/2/2023 16:47	41901 REED_T1	1	2	1	0.2	0.15	-0.05	0	0	0	0	0	0	0	0
6/2/2023 16:59	46302 ROHR_T1	6	8	2	1.33	1.36	0.03	-0.2	-0.22	0	0	0	0	0	0
6/2/2023 17:02	60101 COCA_T1	0	0	0	0	0	0	-0.36	-0.36	1	1	0	1200	1200	0
6/2/2023 17:03	55103 WERT_T1	6	1	-5	0.25	0	-0.25	0	0	0	0	0	0	0	0
6/2/2023 17:03	43202 MVIL_T2	0	0	0	0	0	0	-0.39	-0.46	0	0	0	0	0	0
6/2/2023 17:06	52404 GRPA_T2	3	3	0	0.6	0.9	0.3	0	0	0	0	0	0	0	0
6/2/2023 17:06	49804 UNIV_T1	0	0	0	0	0	0	1.33	1.35	0	0	0	0	0	0
6/2/2023 17:07	56504 ROCK_T2	9	9	0	0.94	0.27	-0.67	-0.55	-0.58	0	0	0	0	0	0
6/2/2023 17:08	45004 LIME_2	1	1	0	0.1	0	-0.1	0	0	0	0	0	0	0	0
6/2/2023 17:09	52403 GRPA_T2	3	5	2	0.4	0.2	-0.2	0	0	0	0	0	0	0	0
6/2/2023 17:11	60101 COCA_T1	0	0	0	0	0	0	-0.36	-0.36	1	1	0	1200	1200	0
6/2/2023 17:12	59101 WALK_T2	3	3	0	0.83	0.2	-0.63	0.59	0.97	2	2	0	1050	1050	0
6/2/2023 17:12	49803 UNIV_T1	0	0	0	0	0	0	-1.25	-1.2	0	0	0	0	0	0
6/2/2023 17:13	59101 WALK_T2	3	3	0	0.83	0.2	-0.63	0.59	0.97	2	2	0	1050	1050	0
6/2/2023 17:16	52403 GRPA_T2	4	7	3	0.18	0.77	0.59	-0.38	-0.32	0	0	0	0	0	0
6/2/2023 17:22	47401 PENS_T1	2	4	2	0.35	0.2	-0.15	0.41	0.51	0	0	0	0	0	0
6/2/2023 17:22	53901 HAU_T2	0	1	1	0	0	0	0	0	0	0	0	0	0	0
6/2/2023 17:26	41902 REED_T1	93	132	39	0.72	0.59	-0.13	0.68	0.69	0	0	0	0	0	0
6/2/2023 17:26	47901 HRDG_T1	0	0	0	0	0	0	1.59	1.73	0	0	0	0	0	0
6/2/2023 17:35	52401 GRPA_T2	11	23	12	0.32	0.38	0.06	0	0	0	0	0	0	0	0
6/2/2023 17:35	40502 CRES_T2	12	11	-1	0.34	0.2	-0.14	-0.12	-0.15	0	0	0	0	0	0
6/2/2023 17:36	40502 CRES_T2	12	11	-1	0.34	0.2	-0.14	-0.12	-0.15	0	0	0	0	0	0
6/2/2023 17:36	48901 FOSP_T2	0	0	0	0	0	0	-0.25	-0.24	1	1	0	600	600	0
6/2/2023 17:38	42201 SHEN_T2	0	0	0	0	0	0	0.83	0.82	0	0	0	0	0	0
6/2/2023 17:42	64201 KINZ_T1	0	0	0	0	0	0	-0.22	-0.39	3	3	0	1500	1500	0
6/2/2023 17:48	16302 ALPA_T2	0	0	0	0	0	0	0.22	0.21	0	0	0	0	0	0
6/2/2023 17:51	14401 SSLA_T1	1	0	-1	0.4	0	-0.4	0	0	0	0	0	0	0	0
6/2/2023 17:53	65902 SAKR_T2	1	0	-1	0.2	0	-0.2	-0.81	-0.69	2	2	0	1200	1200	0
6/2/2023 17:57	20602 GRWO_T2	0	1	1	0	0.1	0.1	0	0	0	0	0	0	0	0
6/2/2023 18:06	11104 EGYP_T1	5	5	0	0.7	0.2	-0.5	0.1	0.99	1	1	0	900	900	0
6/2/2023 18:11	48902 FOSP_T2	0	0	0	0	0	0	0.3	0.35	0	0	0	0	0	0
6/2/2023 18:15	56501 ROCK_T2	2	2	0	1.05	0	-1.05	-0.78	-0.78	0	0	0	0	0	0
6/2/2023 18:17	61701 ELIZ_T1	1	0	-1	1.4	1.9	0.5	2.51	2.34	0	0	0	0	0	0
6/2/2023 18:18	60801 BUCK_T1	0	3	3	0	0.1	0.1	-0.73	-0.72	1	1	0	600	600	0
6/2/2023 18:25	44505 HAMI_T2	0	4	4	0	0.3	0.3	0	0	0	0	0	0	0	0
6/2/2023 18:26	44505 HAMI_T2	0	4	4	0	0.3	0.3	0	0	0	0	0	0	0	0
6/2/2023 18:53	61701 ELIZ_T1	1	0	-1	1.9	2.4	0.5	2.09	2.21	0	0	0	0	0	0
6/2/2023 19:01	63801 HEMP_T1	0	0	0	0	0	0	-0.6	-0.65	1	1	0	900	900	0
6/2/2023 19:06	49804 UNIV_T1	0	0	0	0	0	0	1.11	1.09	0	0	0	0	0	0
6/2/2023 19:31	55101 WERT_T1	0	0	0	0	0	0	-2.36	-1.74	4	4	0	3300	3300	0
6/2/2023 19:32	59101 WALK_T2	0	0	0	0	0	0	0.58	0.54	3	3	0	1650	1650	0
6/2/2023 19:37	47402 PENS_T1	1	0	-1	6.9	0	-6.9	0	0	0	0	0	0	0	0
6/2/2023 19:43	55101 WERT_T1	0	0	0	0	0	0	-1.74	-1.81	4	4	0	3300	3300	0
6/2/2023 19:46	43202 MVIL_T2	0	0	0	0	0	0	-0.5	-0.45	0	0	0	0	0	0
6/2/2023 19:54	61202 REIN_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
6/2/2023 19:59	61202 REIN_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
6/2/2023 20:05	40902 JESH_T1	0	0	0	0	0	0	-0.62	-0.67	2	2	0	1200	1200	0
6/2/2023 20:10	52403 GRPA_T2	4	2	-2	0.33	0.4	0.07	0	0	0	0	0	0	0	0
6/2/2023 20:15	48901 FOSP_T2	0	0	0	0	0	0	0.34	0.34	0	0	0	0	0	0
6/2/2023 20:16	48901 FOSP_T2	0	0	0	0	0	0	0.34	0.34	0	0	0	0	0	0
6/2/2023 20:16	67502 WEWI_T2	1	0	-1	2.2	0	-2.2	-0.2	-0.24	0	0	0	0	0	0
6/2/2023 20:20	40501 CRES_T2	3	8	5	0.23	0.19	-0.04	0	0	0	0	0	0	0	0
6/2/2023 20:30	28604 BLYT_T2	0	0	0	0	0	0	-1.08	-1.09	0	0	0	0	0	0
6/2/2023 20:32	41902 REED_T1	1	0	-1	0.4	0	-0.4	0	0	0	0	0	0	0	0
6/2/2023 21:20	12701 MACU_T1	0	0	0	0	0	0	-0.86	-0.91	1	1	0	1200	1200	0
6/2/2023 21:36	12701 MACU_T1	0	0	0	0	0	0	-0.91	-0.92	1	1	0	1200	1200	0
6/2/2023 21:43	60101 COCA_T1	0	0	0	0	0	0	-0.6	-0.63	1	1	0	1200	1200	0
6/2/2023 22:05	44502 HAMI_T2	1	1	0	3.1	3	-0.1	-0.6	-0.66	0	0	0	0	0	0
6/2/2023 22:07	56802 BENV_T2	1	1	0	0.6	0.3	-0.3	-0.3	-1.04	0	0	0	0	0	0
6/2/2023 22:09	42201 SHEN_T2	0	0	0	0	0	0	0.56	0.55	0	0	0	0	0	0
6/2/2023 22:15	66505 SMAN_T2	0	0	0	0	0	0	0.51	0.36	2	2	0	1500	1500	0
6/2/2023 22:21	53501 EVIL_T2	7	13	6	0.27	0.65	0.38	-1.15	-1.22	1	1	0	600	600	0
6/2/2023 22:25	48901 FOSP_T2	0	0	0	0	0	0	0.25	0.26	0	0	0	0	0	0
6/2/2023 22:28	55101 WERT_T1	0	0	0	0	0	0	-1.79	-1.84	3	3	0	2400	2400	0
6/2/2023 22:28	56801 BENV_T1	19	22	3	0.59	1.16	0.57	0	0	0	0	0	0	0	0
6/2/2023 22:32	25801 SUTR_T2	0	0	0	0	0	0	0.29	0.25	0	0	0	0	0	0
6/2/2023 22:33	45003 LIME_2	1	1	0	3.1	3.5	0.4	0	0	1	1	0	1200	1200	0
6/2/2023 22:33	25402 LAHA_T2	0	0	0	0	0	0	-0.82	-0.85	0	0	0	0	0	0
6/2/2023 22:37	56802 BENV_T2	0	1	1	0	1.1	1.1	-1.03	-1.06	0	0	0	0	0	0
6/2/2023 22:38	27101 GFLD_T2	1	1	0	0	0	0	0	0	2	2	0	1200	1200	0
6/2/2023 22:38	66901 SHIL_T2	0	0	0	0	0	0	-1.8	-1.8	1	1	0	1200	1200	0
6/2/2023 22:39	52401 GRPA_T2	0	1	1	0	0.5	0.5	0	0	0	0	0	0	0	0
6/2/2023 22:40	48901 FOSP_T2	0	0	0	0	0	0	0.26	0.27	0	0	0	0	0	0
6/2/2023 22:43	15001 BLMO_T1	0	4	4	0	0.35	0.35	0	0	0	0	0	0	0	0
6/2/2023 22:44	42802 SELI_T1	0	0	0	0	0	0	-1.03	-1.06	0	0	0	0	0	0
6/2/2023 22:47	48302 OR

Appendix C - Grid Benefits Achieved in Each Instance of Active Management

6/2/2023 23:35	20603 GRWO_T2	112	132	20	0.35	0.4	0.05	0.53	0.52	0	0	0	0	0	0
6/2/2023 23:35	40502 CRES_T2	7	21	14	0.13	0.28	0.15	-0.29	-0.32	0	0	0	0	0	0
6/2/2023 23:36	67503 WEWI_T2	0	0	0	0	0	0	-0.64	-0.68	0	0	0	0	0	0
6/2/2023 23:36	11104 EGYP_T1	0	0	0	0	0	0	0.71	0.68	0	0	0	0	0	0
6/2/2023 23:37	40502 CRES_T2	7	21	14	0.13	0.28	0.15	-0.29	-0.32	0	0	0	0	0	0
6/2/2023 23:37	11104 EGYP_T1	0	0	0	0	0	0	0.71	0.68	0	0	0	0	0	0
6/2/2023 23:38	48902 FOSP_T2	0	0	0	0	0	0	-0.21	-0.22	0	0	0	0	0	0
6/2/2023 23:41	28403 HART_T2	0	0	0	0	0	0	-0.6	-0.6	1	1	0	900	900	0
6/2/2023 23:41	16302 ALPA_T2	0	0	0	0	0	0	-0.48	-0.5	0	0	0	0	0	0
6/2/2023 23:42	64201 KINZ_T1	2	2	0	0.15	0.3	0.15	0.48	0.42	0	0	0	0	0	0
6/2/2023 23:42	12701 MACU_T1	0	0	0	0	0	0	-1.03	-1.08	1	1	0	1200	1200	0
6/2/2023 23:42	14403 SSLA_T1	0	0	0	0	0	0	0.77	0.84	0	0	0	0	0	0
6/2/2023 23:45	61202 REIN_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
6/2/2023 23:46	29402 BELT_T1	51	79	28	0.5	0.5	0	0	0	0	0	0	0	0	0
6/2/2023 23:47	63404 HONY_T1	2	2	0	8.35	8.65	0.3	0	0	0	0	0	0	0	0
6/2/2023 23:56	10805 CHHI_T2	1	1	0	7.8	7.6	-0.2	-1.29	-1.38	1	1	0	600	600	0
6/3/2023 0:01	56501 ROCK_T2	3	0	-3	0.4	0	-0.4	-1.21	-0.05	0	0	0	0	0	0
6/3/2023 0:13	11104 EGYP_T1	0	0	0	0	0	0	0.64	0.6	0	0	0	0	0	0
6/3/2023 0:14	42903 MIDD_T2	0	2	2	0	0.3	0.3	0	0	0	0	0	0	0	0
6/3/2023 0:23	15001 BLMO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
6/3/2023 0:26	61701 ELIZ_T1	1	1	0	3.5	3.8	0.3	1.57	1.69	0	0	0	0	0	0
6/3/2023 0:27	44502 HAMI_T2	1	1	0	3.2	3.5	0.3	-0.81	-0.79	0	0	0	0	0	0
6/3/2023 0:28	56803 BENV_T1	0	0	0	0	0	0	0.44	0.42	0	0	0	0	0	0
6/3/2023 0:28	42201 SHEN_T2	0	0	0	0	0	0	0.92	0.9	0	0	0	0	0	0
6/3/2023 0:28	49803 UNIV_T1	0	25	25	0	0.12	0.12	-2.11	-2.08	0	0	0	0	0	0
6/3/2023 0:28	56504 ROCK_T2	0	0	0	0	0	0	-0.41	-0.41	0	0	0	0	0	0
6/3/2023 0:28	52401 GRPA_T2	1	1	0	0.2	0.4	0.2	0	0	0	0	0	0	0	0
6/3/2023 0:28	43202 MVIL_T2	0	0	0	0	0	0	-0.69	-0.68	0	0	0	0	0	0
6/3/2023 0:28	40901 JESH_T1	1	1	0	0.8	0.6	-0.2	0	0	0	0	0	0	0	0
6/3/2023 0:28	42903 MIDD_T2	2	2	0	0.3	0.4	0.1	0	0	0	0	0	0	0	0
6/3/2023 0:28	48901 FOSP_T2	0	0	0	0	0	0	-0.43	-0.44	1	1	0	600	600	0
6/3/2023 0:28	66505 SMAN_T2	0	0	0	0	0	0	1.2	1.08	2	2	0	1800	1800	0
6/3/2023 0:28	10805 CHHI_T2	1	1	0	7.9	7.6	-0.3	-1.38	-1.4	1	1	0	600	600	0
6/3/2023 0:28	65503 MOJO_T2	0	0	0	0	0	0	-0.8	-0.85	1	1	0	900	900	0
6/3/2023 0:28	29402 BELT_T1	67	105	38	0.52	0.87	0.35	0	0	0	0	0	0	0	0
6/3/2023 0:28	61202 REIN_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
6/3/2023 0:28	49804 UNIV_T1	0	10	10	0	0.17	0.17	0.62	0.6	0	0	0	0	0	0
6/3/2023 0:28	52404 GRPA_T2	0	1	1	0	0.2	0.2	-0.19	-0.2	0	0	0	0	0	0
6/3/2023 0:28	53903 HALI_T2	2	2	0	0.65	0.4	-0.25	0	0	0	0	0	0	0	0
6/3/2023 0:28	41901 REED_T1	11	11	0	0.62	0.79	0.17	0	0	0	0	0	0	0	0
6/3/2023 0:28	40502 CRES_T2	3	13	10	0.1	0.22	0.12	-1.19	-1.22	0	0	0	0	0	0
6/3/2023 0:28	52004 LING_T2	1	1	0	0.1	0	-0.1	-0.03	-0.03	0	0	0	0	0	0
6/3/2023 0:28	20603 GRWO_T2	85	75	-10	0.32	0.31	-0.01	0.49	0.47	0	0	0	0	0	0
6/3/2023 0:28	60801 BUCK_T1	150	167	17	0.48	0.62	0.14	0	0	0	0	0	0	0	0
6/3/2023 0:28	25402 LAHA_T2	0	0	0	0	0	0	-0.86	-0.88	0	0	0	0	0	0
6/3/2023 0:28	59101 WALK_T2	0	0	0	0	0	0	2.42	2.74	0	0	0	0	0	0
6/3/2023 0:28	56801 BENV_T1	9	10	1	0.43	0.62	0.19	-0.67	-0.73	1	1	0	600	600	0
6/3/2023 0:28	28604 BLYT_T2	0	0	0	0	0	0	-1.22	-1.23	0	0	0	0	0	0
6/3/2023 0:28	46302 ROHR_T1	2	2	0	0.6	1.2	0.6	0.15	0.15	0	0	0	0	0	0
6/3/2023 0:28	47901 HRDG_T1	0	0	0	0	0	0	0.83	0.83	0	0	0	0	0	0
6/3/2023 0:28	56504 ROCK_T2	0	0	0	0	0	0	-0.41	-0.41	0	0	0	0	0	0
6/3/2023 0:28	28403 HART_T2	0	0	0	0	0	0	-1.32	-1.32	2	2	0	1800	1800	0
6/3/2023 0:28	48901 FOSP_T2	0	0	0	0	0	0	-0.43	-0.44	1	1	0	600	600	0
6/3/2023 0:28	67503 WEWI_T2	0	0	0	0	0	0	-0.7	-0.73	0	0	0	0	0	0
6/3/2023 0:28	16302 ALPA_T2	0	0	0	0	0	0	-0.47	-0.52	0	0	0	0	0	0
6/3/2023 0:28	25801 SUTR_T2	0	0	0	0	0	0	0.18	0.17	0	0	0	0	0	0
6/3/2023 0:28	60101 COCA_T1	0	0	0	0	0	0	0.4	0.38	0	0	0	0	0	0
6/3/2023 0:28	12701 MACU_T1	0	0	0	0	0	0	-1.08	-1.1	1	1	0	1200	1200	0
6/3/2023 0:28	58402 MORO_T1	0	0	0	0	0	0	-1.33	-1.39	2	2	0	1500	1500	0
6/3/2023 0:28	64202 KINZ_T1	3	3	0	0.43	0.83	0.4	0	0	0	0	0	0	0	0
6/3/2023 0:28	45003 LIME_2	1	1	0	3.5	4.3	0.8	0	0	3	3	0	3600	3600	0
6/3/2023 0:28	44801 EDAN_T2	1	1	0	1.2	0.8	-0.4	0	0	0	0	0	0	0	0
6/3/2023 0:28	54001 SDLE_T1	1	1	0	0.1	0.4	0.3	0	0	0	0	0	0	0	0
6/3/2023 0:28	47401 PENS_T1	0	0	0	0	0	0	1.96	1.98	0	0	0	0	0	0
6/3/2023 0:28	14403 SSLA_T1	0	0	0	0	0	0	0.81	0.75	0	0	0	0	0	0
6/3/2023 0:28	63401 HONY_T1	0	0	0	0	0	0	0.15	0.15	1	1	0	600	600	0
6/3/2023 0:28	15001 BLMO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
6/3/2023 0:28	11104 EGYP_T1	0	0	0	0	0	0	1.8	1.74	0	0	0	0	0	0
6/3/2023 0:28	55101 WERT_T1	0	0	0	0	0	0	-3.76	-3.87	6	6	0	4500	4500	0
6/3/2023 0:28	44203 POIN_T2	0	0	0	0	0	0	0.12	0.24	1	1	0	900	900	0
6/3/2023 0:28	27101 GFLD_T2	1	1	0	0	0	0	0	0	1	1	0	600	600	0
6/3/2023 0:28	56802 BENV_T2	1	1	0	0.4	0.6	0.2	-2.38	-2.36	0	0	0	0	0	0
6/3/2023 0:28	53501 EVIL_T2	2	6	4	0.25	0.32	0.07	-1.73	-1.82	0	0	0	0	0	0
6/3/2023 0:28	42802 SELI_T1	0	1	1	0	0.8	0.8	-1.16	-1.19	0	0	0	0	0	0
6/3/2023 0:28	66703 STRA_T1	6	15	9	0.55	0.36	-0.19	-0.11	-0.16	0	0	0	0	0	0
6/3/2023 0:28	64801 MONE_T2	0	0	0	0	0	0	-0.39	-0.39	0	0	0	0	0	0
6/3/2023 0:29	61703 ELIZ_T1	0	1	1	0	0	0	0	0	0	0	0	0	0	0
6/3/2023 0:29	44502 HAMI_T2	1	1	0	3.2	3.5	0.3	-0.81	-0.79	0	0	0	0	0	0
6/3/2023 0:39	60803 BUCK_T1	3	6	3	0.17	0.17	0	0	0	0	0	0	0	0	0
6/3/2023 0:41	28403 HART_T2	0	0	0	0	0	0	-0.66	-0.66	1	1	0	900	900	0
6/3/2023 0:59	54001 SDLE_T1	0	3	3	0	0.3	0.3	0	0	0	1	1	0	600	600
6/3/2023 1:05	48901 FOSP_T2	0	0	0	0	0	0	-0.45	-0.46	1	1	0	600	600	0
6/3/2023 1:19	29402 BELT_T1	116	137	21	0.96	0.88	-0.08	0	0	0	0	0	0	0	0
6/3/2023 1:37	52403 GRPA_T2	2	2	0	0.15	0.3	0.15	-0.57	-0.58	0	0	0	0	0	0
6/3/2023 2:06	61701 ELIZ_T1	1	1	0	4.3	4.9	0.6	1.43	1.42	0	0	0	0	0	0
6/3/2023 2:07	63404 HONY_T1	2	2	0	9.35	9.45	0.1	0	0	0	0	0	0	0	0
6/3/2023 2:07	66505 SMAN_T2	0	0	0	0	0	0	0.33	0.44	1	1	0	900	900	0
6/3/2023 2:16	67503 WEWI_T2	0	0	0	0	0	0	-0.83	-0.27	1	1	0	0	0	0
6/3/2023 2:17	11104 EGYP_T1	0	0	0	0	0	0	0.54	0.51	0	0	0	0	0	0
6/3/2023 2:18	56801 BENV_T1	24	31	7	0.73	0.77	0.04	0	0	0	0	0	0	0	0
6/3/2023 2:19	53902 HALI_T2	0	0	0	0	0	0	-0.28	-0.28	0	0	0	0	0	0
6/3/2023 2:21	47402 PENS_T1	1	1	0	0.7	0.7	0	0	0	0	0	0	0	0	0
6/3/2023 2:21	64202 KINZ_T1	3	3	0	0.47	0.6	0.13	0	0	0	0	0	0	0	0
6/3/2023 2:22	64204 KINZ_T1	1	1	0	1.4	1.6	0.2	0	0	0	0	0	0	0	0
6/3/2023 2:22	14403 SSLA_T1	0	0	0	0	0	0	0.71	0.68	0	0	0	0	0	0
6/3/2023 2:24	20403 ASHF_T2	1	0	-1	1	0	-1	0.18	0.16	0	0	0	0	0	0
6/3/2023 2:24	47402 PENS_T1	1	1	0	0.7	0.7	0	0	0	0	0	0	0	0	0
6/3/2023 2:24	53501 EVIL_T2	15	19	4	0.79	0.94	0.15	-0.7	-0.67	0	0	0	0	0	0
6/3/2023 2:26	55101 WERT_T1	0	0	0	0	0	0	-1.39	-1.37	2	2	0	1500	1500	0
6/3/2023 2:27	58402 MORO_T1	0	0	0	0	0	0	-1.52	-1.51	2	2	0	1500	1500	0
6/3/2023 2:30	28604 BLYT_T2	0	0	0	0	0	0	-1.3	-1.31	0	0	0	0	0	0
6/3/2023 2:32	44904 SCOT_T1	0	0	0	0	0	0	-0.15	-0.19	0	0	0	0	0	0
6/3/2023 2:34	41901 REED_T1	0	0	0	0	0	0	-1.11	-1.11	0	0	0	0	0	0
6/3/2023 2:35	66505 SMAN_T2	0	0	0	0	0	0	0.32	0.36	1	1	0	900	900	0
6/3/2023 2:35	12701 MACU_T1	1	0	-1	0.2	0	-0.2	0.07	0.06	0	0	0	0	0	0
6/3/2023 2:36	11104 EGYP_T1	0	0	0	0	0	0	0.5	0.53	0	0	0	0	0	0
6/3/2023 2:37	28604 BLYT_T2	0	0	0	0	0	0	-1.31	-1.34	0	0	0	0	0	0
6/3/2023 2:38	60803 BUCK_T1	11	15	4	0.15	0.27	0.12	-0.95	-0.99	1	1	0	600	600	0
6/3/2023 2:38	27101 GFLD_T2	1	1	0	0	0	0	0	0	1	0	-1	600	0	-600
6/3/2023 2:42	20403 ASHF_T2	0	0	0	0	0	0	0.16	0.06	0	0	0	0	0	0
6/3/2023 2:42	40502 CRES_T2	11	10	-1	0.22	0.18	-0.04	-0.48	-0.5	0	0	0	0	0	0
6/3/2023 2:45	49804 UNIV_T1	18	7	-11	0.26	0.33	0.07	0.52	0.5	0	0	0	0	0	0
6/3/2023 2:46	41901 REED_T1	0	0	0	0	0	0	-1.11	-1.11	0	0	0	0	0	0
6/3/2023 2:46	52401 GRPA_T2	1	1	0	0.1	0.3	0.2	-0.49	-0.51	0	0	0	0	0	0
6/3/2023 2:47	56802 BENV_T2	1	1	0	0.7	0.8	0.1	-1.32	-1.33	0	0	0	0	0	0
6/3/2023 2:48	60801 BUCK_T1	189	190	1	1.05	1.32	0.27	0	0	0	0	0	0	0	0
6/3/2023 2:49	42201 SHEN_T2	0	0	0	0	0	0	0.41	0.42	0	0	0	0	0	0
6/3/2023 2:52	25801 SUTR_T2	0	1	1	0	0	0	0.21	0.21	0	0	0	0	0	0
6/3/2023 2:53	45003 LIME_2	2	2	0	2.35	1.8	-0.55	0	0	1	1	0	1200	1200	0
6/3/2023 2:53	25402 LAHA_T2	0	0	0	0	0	0	-0.9	-0.92	0	0	0	0	0	0
6/3/2023 3:01	53501 EVIL_T2	20	21	1	0.98	1.15	0.17	-0.69	-0.65	0	0	0	0	0	0
6/3/2023 3:03	15001 BLMO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
6/3/2023 3:07	57304 MOAL_T2	1	2	1	0.3	0.25	-0.05	-0.48	-0.39	0	0	0	0	0	0
6/3/2023 3:07	59102 WALK_T2	1	0	-1	0.2	0	-0.2	0	0	0	0	0	0	0	0
6/3/2023 3:08	49803 UNIV_T1	122	125	3	0.41	0.46	0.05	-2.17	-2.17	0	0	0	0	0	0
6/3/2023 3:08	56803 BENV_T1	0	0	0	0	0	0	0.16	0.13	0	0	0	0	0	0
6/3/2023 3:08	55101 WERT_T1	0	0	0	0	0	0	-1.35	-1.41	2	2	0	1500	1500	0
6/3/2023 3:13	43202 MVIL_T2	0	0	0	0	0	0	-0.7	-0.71	0	0	0	0	0	0
6/3/2023 3:15	56801 BENV_T1	33	41	8	0.78	0.92	0.14	-0.83	-0.77	1	1	0	600	600	0
6/3/2023 3:17	56802 BENV_T2	1	1	0	0.8	0.9	0.1	-1.33	-1.37	0	0	0	0	0	0
6/3/2023 3:19	46302 ROHR_T1	3	3	0	0.6	0.93	0.33	0.12	0.12	0	0	0	0	0	0
6/3/2023 3:20	28403 HART_T2	0	0	0	0	0	0	-0.7	-0.7	1	1	0	900	900	0
6/3/2023 3:23	64101 REFR_T1	0	0	0	0	0	0	0.18	0.15	0	0	0	0	0	0
6/3/2023 3:24	42802 SELI_T1	1	1	0	0.4	0.7	0.3	0.01	-0.03	0	0	0	0	0	0
6/3/2023 3:26	42201 SHEN_T2	0	1	1	0	0.1	0.1	0.41	0.39	0	0	0	0	0	0
6/3/2023 3:27	64801 MONE_T2	0	0	0	0	0	0	0.42	0.41	0	0	0	0	0	0
6/3/2023 3:27	56501 ROCK_T2	9	9	0	0.62	0.81	0.19	-0.36	-0.43	0	0	0	0	0	0
6/3/2023 3:27	60101 COCA_T1	0	0	0	0	0	0	0.29	0.29	0	0	0	0	0	0
6/3/2023 3:28	55101 WERT_T1	0	0	0	0	0	0	-1.41	-1.46	2	2	0	1500	1500	0
6/3/2023 3:28	65604 QVIL_T2	98	131	33	0.44	0.56	0.12	-0.02	-0.04	0	0	0	0	0	0
6/3/2023 3:29	40502 CRES_T2	1	9	8	0.1	0.16	0.06	-0.52	-0.5	0	0	0	0	0	0
6/3/2023 3:30	52403 GRPA_T2	2	2	0	0.15	0.3	0.15	-0.63	-0.64	0	0	0	0	0	0
6/3/2023 3:31	64101 REFR_T1	0	0	0	0	0	0	0.18	0.15	0	0	0	0	0	0
6/3/2023 3:32	48902 FOSP_T2	0	0	0	0	0	0	-0.32	-0.34	0	0	0	0	0	0
6/3/2023 3:35	45003 LIME_2	2	2	0	2.25	2.25	0	0	0	2	2	0	2400	2400	0
6/3/2023 3:35	20603 GRWO_T2	0	3	3	0	0.1	0.1	0.41	0.4	0	0	0	0	0	0
6/3/2023 3:36	10805 CHHI_T2	1	1	0	7.9	8.1	0.2	-0.97	-0.98	0	0	0	0	0	0
6/3/2023 3:37	52402 GRPA_T2	1	1	0	0.8	1	0.2	0	0	0	0	0	0	0	0
6/3/2023 3:37	52002 LING_T2	0	1	1	0	0.2	0.2	0	0	0	0	0	0	0	0
6/3/2023 3:38	48902 FOSP_T2	0	0	0	0	0	0	-0.34	-0.38	0	0	0	0	0	0
6/3/2023 3:39	55101 WERT_T1	0	0	0	0	0	0	-1.46	-1.37	2	2	0	1500	1500	0
6/3/2023 3:40	56504 ROCK_T2	0	0	0	0	0	0	-0.16	-0.35	0	0	0	0	0	0
6/3/2023 3:41	16302 ALPA_T2	0	0	0	0	0	0	-0.64	-0.66	0	0	0	0	0	0
6/3/2023 3:42	52404 GRPA_T2	0	0	0	0	0	0	0.38	0.34	0	0	0	0	0	0
6/3/2023 3:42	65604 QVIL_T2	126	136	10	0.51	0.64	0.13	-0.04	-0.03	0	0	0	0	0	0
6/3/2023 3:43	60502 NMAN_T2	0	1	1	0	0.5	0.5	0.1	0.12	0	0	0	0	0	0
6/3/2023 3:45	47402 PENS_T1	1	1	0	0.3	0.2	-0.1	0	0	0	0	0	0	0	0
6/3/2023 3:45	61202 REIN_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
6/3/2023 3:46	29402 BELT_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
6/3/2023 3:48	44801 EDAN_T2	0	1	1	0	0.2	0.2	0	0	0	0	0	0	0	0
6/3/2023 3:49	53502 EVIL_T2	0	1	1	0	0.2	0.2	0	0	0	0	0	0	0	0
6/3/2023 3:50	52402 GRPA_T2	1	1	0	1	0.9	-0.1	0	0	0	0	0	0	0	0
6/3/2023 3:50	28602 BLYT_T2	1	1	0	0.1	0.2	0.1	0	0	0	0	0	0	0	0
6/3/2023 3:53	11104 EGYP_T1	0	0	0	0	0	0	0.49	0.46	0	0	0	0	0	0
6/3/2023 3:54	42902 MIDD_T2	26	5	-21	0.24	0.32	0.08	-0.65	-0.69	0	0	0	0	0	0
6/3/2023 3:55	44203 POIN_T2	0	0	0	0	0	0	0.02	0.07	1	1	0	900	900	0
6/3/2023 3:56	60502 NMAN_T2	1	1	0	0.1	0.5	0.4	0.12	0.15	0	0	0	0	0	0
6/3/2023 3:57	40502 CRES_T2	9	12	3	0.16	0.18	0.02	-0.54	-0.52	0	0	0	0	0	0
6/3/2023 3:57	59102 WALK_T2	0	2	2	0	0.15	0.15	0	0	0	0	0	0	0	0
6/3/2023 3:58	44801 EDAN_T2	0	1	1	0	0.2	0.2	0	0	0	0	0	0	0	0
6/3/2023 3:58	41903 REED_T1	0	1	1	0	0	0	0	0	0	0	0	0	0	0
6/3/2023 3:59	52402 GRPA_T2	1	1	0	1	0.9	-0.1	0	0	0	0	0	0	0	0
6/3/2023 4:03	15001 BLMO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
6/3/2023 4:04	20401 ASHF_T2	71	86	15	0.55	0.58	0.03	0	0	0	0	0	0	0	0
6/3/2023 4:08	65604 QVIL_T2	136	137	1	0.63	0.74	0.11	-0.01	-0.04	0	0	0	0	0	0
6/3/2023 4:09	52403 GRPA_T2	2	2	0	0.2	0.45	0.25	-0.65	-0.61	0	0	0	0	0	0
6/3/2023 4:12	47901 HRDG_T1	0	0	0	0	0	0	0.86	0.34	0	0	0	0	0	0
6/3/2023 4:20	65503 MOJO_T2	0	0	0	0	0	0	-0.03	-0.06	0	0	0	0	0	0
6/

6/3/2023 10:00	59102 WALK_T2	0	1	1	0	0.2	0.2	0	0	0	0	0	0	0	0
6/3/2023 10:00	65503 MOJO_T2	0	0	0	0	0	0	-0.38	-0.33	1	1	0	900	900	0
6/3/2023 10:00	46302 ROHR_T1	0	4	4	0	0.58	0.58	-0.39	-0.37	0	0	0	0	0	0
6/3/2023 10:00	56803 BENV_T1	1	0	-1	1.8	0	-1.8	0.74	0.72	0	0	0	0	0	0
6/3/2023 10:00	56504 ROCK_T2	0	0	0	0	0	0	0.18	0.2	0	0	0	0	0	0
6/3/2023 10:00	66901 SHIL_T2	0	0	0	0	0	0	-0.99	-0.95	1	1	0	1200	1200	0
6/3/2023 10:00	28403 HART_T2	0	0	0	0	0	0	-1.04	-0.96	2	2	0	1800	1800	0
6/3/2023 10:00	64801 MONE_T2	0	0	0	0	0	0	0.9	1	0	0	0	0	0	0
6/3/2023 10:00	47901 HRDG_T1	0	0	0	0	0	0	1.52	1.5	0	0	0	0	0	0
6/3/2023 10:00	67502 WEWI_T2	0	0	0	0	0	0	-0.15	-0.11	0	0	0	0	0	0
6/3/2023 10:00	12604 MACA_T1	0	0	0	0	0	0	0.5	0.5	0	0	0	0	0	0
6/3/2023 10:00	64201 KINZ_T1	0	0	0	0	0	0	-0.66	-0.63	3	3	0	1500	1500	0
6/3/2023 10:00	64101 REFR_T1	0	0	0	0	0	0	0.16	0.16	0	0	0	0	0	0
6/3/2023 10:00	63403 HONY_T2	0	0	0	0	0	0	0.16	0.14	0	0	0	0	0	0
6/3/2023 10:00	29402 BELT_T1	36	1	-35	0.3	0.2	-0.1	0	0	0	0	0	0	0	0
6/3/2023 10:00	10805 CHHI_T2	1	1	0	7.4	7.6	0.2	-1.44	-1.38	1	1	0	600	600	0
6/3/2023 10:00	15001 BLMO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
6/3/2023 10:00	60501 NMAN_T2	3	3	0	3.23	3.03	-0.2	0	0	0	0	0	0	0	0
6/3/2023 10:00	65604 QVIL_T2	0	0	0	0	0	0	0.12	0.13	0	0	0	0	0	0
6/3/2023 10:00	56803 BENV_T1	1	0	-1	1.8	0	-1.8	0.74	0.72	0	0	0	0	0	0
6/3/2023 10:00	58402 MORO_T1	0	0	0	0	0	0	-1.26	-1.24	2	2	0	1500	1500	0
6/3/2023 10:00	67604 WARW_T1	0	0	0	0	0	0	0.09	0.09	0	0	0	0	0	0
6/3/2023 10:00	44801 EDAN_T2	2	2	0	2.6	0.8	-1.8	0	0	0	0	0	0	0	0
6/3/2023 10:00	43202 MVIL_T2	0	0	0	0	0	0	-0.63	-0.59	0	0	0	0	0	0
6/3/2023 10:00	16302 ALPA_T2	0	0	0	0	0	0	-0.48	-0.42	0	0	0	0	0	0
6/3/2023 10:00	53501 EVIL_T2	0	4	4	0	0.28	0.28	-0.99	-0.51	0	0	0	0	0	0
6/3/2023 10:00	40502 CRES_T2	0	0	0	0	0	0	0.12	0.21	0	0	0	0	0	0
6/3/2023 10:00	14403 SSLA_T1	0	0	0	0	0	0	1.03	0.99	0	0	0	0	0	0
6/3/2023 10:00	42201 SHEN_T2	0	0	0	0	0	0	0.55	0.62	0	0	0	0	0	0
6/3/2023 10:00	55101 WERT_T1	0	0	0	0	0	0	-4.18	-4.21	9	9	0	7200	7200	0
6/3/2023 10:00	65902 SAKR_T2	0	0	0	0	0	0	-1.03	-0.98	2	2	0	1200	1200	0
6/3/2023 10:00	42802 SELI_T1	0	0	0	0	0	0	-1.36	-1.21	2	2	0	1800	1800	0
6/3/2023 10:00	40505 CRES_T1	0	0	0	0	0	0	0.44	0.46	0	0	0	0	0	0
6/3/2023 10:20	66505 SMAN_T2	0	0	0	0	0	0	-0.03	-0.06	3	3	0	2100	2100	0
6/3/2023 10:27	52404 GRPA_T2	0	1	1	0	0	0	0	0	0	0	0	0	0	0
6/3/2023 10:28	52404 GRPA_T2	0	1	1	0	0	0	0	0	0	0	0	0	0	0
6/3/2023 10:29	56802 BENV_T2	1	1	0	0.3	0.2	-0.1	-1.19	-1.16	0	0	0	0	0	0
6/3/2023 10:32	53501 EVIL_T2	4	3	-1	0.28	0.37	0.09	-0.49	-0.51	0	0	0	0	0	0
6/3/2023 11:04	45003 LIME_2	1	1	0	1.6	1.4	-0.2	0	0	1	1	0	1200	1200	0
6/3/2023 11:07	52403 GRPA_T2	0	0	0	0	0	0	-0.59	-0.58	0	0	0	0	0	0
6/3/2023 11:11	40502 CRES_T2	0	10	10	0	0.18	0.18	0.2	-0.64	0	0	0	0	0	0
6/3/2023 11:13	52004 LING_T2	1	1	0	0.5	0.6	0.1	0.23	0.26	0	0	0	0	0	0
6/3/2023 11:17	16302 ALPA_T2	0	0	0	0	0	0	-0.51	-0.38	0	0	0	0	0	0
6/3/2023 11:17	29402 BELT_T1	9	5	-4	0.13	0.1	-0.03	0	0	0	0	0	0	0	0
6/3/2023 11:20	28604 BLYT_T2	0	0	0	0	0	0	-1.08	-1.08	0	0	0	0	0	0
6/3/2023 11:22	46506 LOHA_T1	0	0	0	0	0	0	-1.32	-1.32	1	1	0	900	900	0
6/3/2023 11:25	56803 BENV_T1	0	1	1	0	0	0	0.44	0.45	0	0	0	0	0	0
6/3/2023 11:26	53501 EVIL_T2	1	1	0	0.6	0.6	0	-0.47	-0.35	0	0	0	0	0	0
6/3/2023 11:27	12701 MACU_T1	0	1	1	0	0.8	0.8	0.24	0.22	0	0	0	0	0	0
6/3/2023 11:29	44802 EDAN_T2	0	0	0	0	0	0	-1.85	-1.83	1	1	0	1200	1200	0
6/3/2023 11:31	52402 GRPA_T2	0	2	2	0	0	0	0	0	0	0	0	0	0	0
6/3/2023 11:33	52402 GRPA_T2	0	2	2	0	0	0	0	0	0	0	0	0	0	0
6/3/2023 11:35	56801 BENV_T1	1	0	-1	1.3	0	-1.3	0	0	0	0	0	0	0	0
6/3/2023 11:37	47403 PENS_T1	0	1	1	0	2.2	2.2	0	0	0	0	0	0	0	0
6/3/2023 11:37	42701 AUGU_T1	0	0	0	0	0	0	0	0	2	2	0	1800	1800	0
6/3/2023 11:39	47401 PENS_T1	0	1	1	0	0	0	1.36	1.38	0	0	0	0	0	0
6/3/2023 11:48	65604 QVIL_T2	0	0	0	0	0	0	0.23	0.24	0	0	0	0	0	0
6/3/2023 11:48	10805 CHHI_T2	1	1	0	7.8	7.7	-0.1	-1.29	-1.27	1	1	0	600	600	0
6/3/2023 11:50	15001 BLMO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
6/3/2023 11:51	28403 HART_T2	0	0	0	0	0	0	-0.41	-0.41	1	1	0	900	900	0
6/3/2023 11:52	15001 BLMO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
6/3/2023 12:05	63401 HONY_T1	0	0	0	0	0	0	0.59	0.54	0	0	0	0	0	0
6/3/2023 12:07	61303 EARL_T1	0	0	0	0	0	0	0.25	0.22	0	0	0	0	0	0
6/3/2023 12:10	11102 EGYP_T1	1	1	0	1.3	0.4	-0.9	0	0	0	0	0	0	0	0
6/3/2023 12:10	28403 HART_T2	0	0	0	0	0	0	-0.41	-0.41	1	1	0	900	900	0
6/3/2023 12:17	63404 HONY_T1	2	2	0	7.05	7.55	0.5	0	0	0	0	0	0	0	0
6/3/2023 12:20	11104 EGYP_T1	5	7	2	1.26	1.24	-0.02	1.02	1	0	0	0	0	0	0
6/3/2023 12:25	66901 SHIL_T2	0	0	0	0	0	0	-0.82	-0.75	1	1	0	1200	1200	0
6/3/2023 14:03	20401 ASHF_T2	1	1	0	0.2	0	-0.2	0	0	0	0	0	0	0	0
6/3/2023 14:43	63402 HONY_T2	1	1	0	0.4	0.6	0.2	0	0	0	0	0	0	0	0
6/3/2023 14:50	60501 NMAN_T2	3	3	0	1.7	1.5	-0.2	0	0	0	0	0	0	0	0
6/3/2023 15:10	11102 EGYP_T1	1	1	0	1.8	0	-1.8	0	0	0	0	0	0	0	0
6/3/2023 15:17	47401 PENS_T1	0	0	0	0	0	0	1.49	1.5	0	0	0	0	0	0
6/3/2023 15:19	14402 SSLA_T1	0	1	1	0	0.2	0.2	0	0	0	0	0	0	0	0
6/3/2023 15:25	56803 BENV_T1	3	3	0	2.07	0.93	-1.14	0.13	0.06	1	1	0	600	600	0
6/3/2023 15:25	63404 HONY_T1	2	2	0	7.8	7.65	-0.15	0	0	0	0	0	0	0	0
6/3/2023 15:26	12701 MACU_T1	0	3	3	0	0.3	0.3	0.3	0.3	0	0	0	0	0	0
6/3/2023 15:30	67204 TEHI_T2	0	0	0	0	0	0	0.05	0.02	0	0	0	0	0	0
6/3/2023 15:33	64301 LINC_T1	0	0	0	0	0	0	0.14	0.11	1	1	0	600	600	0
6/3/2023 15:51	28403 HART_T2	0	0	0	0	0	0	-0.4	-0.37	1	1	0	900	900	0
6/3/2023 15:55	10602 BLGL_T2	0	0	0	0	0	0	0.36	0.36	0	0	0	0	0	0
6/3/2023 15:59	59101 WALK_T2	0	0	0	0	0	0	0.88	0.93	2	2	0	1050	1050	0
6/3/2023 16:05	56504 ROCK_T2	0	0	0	0	0	0	-0.7	-0.67	0	0	0	0	0	0
6/3/2023 16:09	55101 WERT_T1	0	0	0	0	0	0	-1.9	-1.97	4	4	0	3300	3300	0
6/3/2023 16:15	44502 HAMI_T2	1	1	0	1.9	2.4	0.5	-0.5	-0.55	0	0	0	0	0	0
6/3/2023 16:19	61303 EARL_T1	0	0	0	0	0	0	0.24	0.24	0	0	0	0	0	0
6/3/2023 16:22	54001 SDLE_T1	1	1	0	0.9	1	0.1	0	0	1	1	0	600	600	0
6/3/2023 16:22	56504 ROCK_T2	0	0	0	0	0	0	-0.67	-0.71	0	0	0	0	0	0
6/3/2023 16:23	60801 BUCK_T1	36	26	-10	0.28	0.25	-0.03	0	0	0	0	0	0	0	0
6/3/2023 16:28	14403 SSLA_T1	0	0	0	0	0	0	0.57	0.56	1	1	0	600	600	0
6/3/2023 16:35	60101 COCA_T1	0	0	0	0	0	0	0.73	0.75	0	0	0	0	0	0
6/3/2023 16:46	52403 GRPA_T2	0	2	2	0	0.5	0.5	-0.42	-0.5	0	0	0	0	0	0
6/3/2023 16:58	54001 SDLE_T1	1	1	0	1	1.3	0.3	0	0	1	1	0	600	600	0
6/3/2023 16:59	42802 SELI_T1	0	0	0	0	0	0	-1.66	-1.85	1	0	-1	900	0	-900
6/3/2023 17:08	42802 SELI_T1	0	0	0	0	0	0	-1.85	-0.92	1	0	-1	900	0	-900
6/3/2023 17:10	44901 SCOT_T2	0	0	0	0	0	0	0.12	0.13	0	0	0	0	0	0
6/3/2023 17:25	56504 ROCK_T2	0	0	0	0	0	0	-0.7	-0.7	0	0	0	0	0	0
6/3/2023 17:58	40502 CRES_T2	5	4	-1	0.18	0.15	-0.03	-0.64	-0.62	0	0	0	0	0	0
6/3/2023 18:03	60801 BUCK_T1	59	64	5	0.53	0.58	0.05	0	0	0	0	0	0	0	0
6/3/2023 18:07	44301 BEAV_T2	0	0	0	0	0	0	-0.74	-0.79	1	1	0	600	600	0
6/3/2023 18:12	24105 EHAZ_T1	4	4	0	5.33	5.25	-0.08	0	0	0	0	0	0	0	0
6/3/2023 18:24	67204 TEHI_T2	0	0	0	0	0	0	0.27	0.28	0	0	0	0	0	0
6/3/2023 18:39	42802 SELI_T1	0	0	0	0	0	0	-0.94	-0.95	0	0	0	0	0	0
6/3/2023 18:52	55101 WERT_T1	0	0	0	0	0	0	-1.59	-1.68	3	3	0	2400	2400	0
6/3/2023 18:53	64801 MONE_T2	1	1	0	0.1	0.2	0.1	-0.23	-0.28	0	0	0	0	0	0
6/3/2023 19:13	44203 POIN_T2	0	0	0	0	0	0	0.11	0.07	1	1	0	900	900	0
6/3/2023 20:41	20401 ASHF_T2	72	81	9	0.36	0.36	0	0	0	0	0	0	0	0	0
6/3/2023 21:26	65604 QVIL_T2	11	0	-11	0.24	0	-0.24	0.1	0.04	0	0	0	0	0	0
6/3/2023 21:58	44502 HAMI_T2	1	1	0	3.3	3.5	0.2	-0.76	-0.81	0	0	0	0	0	0
6/3/2023 22:00	10602 BLGL_T2	0	0	0	0	0	0	0.09	0.03	0	0	0	0	0	0
6/3/2023 22:18	41602 CLEV_T1	0	0	0	0	0	0	0	0	1	1	0	600	600	0
6/3/2023 22:21	63402 HONY_T2	15	22	7	0.23	0.23	0	0	0	0	0	0	0	0	0
6/3/2023 22:22	60803 BUCK_T1	0	1	1	0	0.4	0.4	-0.84	-0.83	1	1	0	600	600	0
6/3/2023 22:23	61303 EARL_T1	0	0	0	0	0	0	-0.17	0	0	0	0	0	0	0
6/3/2023 22:31	56801 BENV_T1	19	28	9	1.07	1.16	0.09	0	0	0	0	0	0	0	0
6/3/2023 22:31	15001 BLMO_T1	3	4	1	0.2	0.35	0.15	0	0	0	0	0	0	0	0
6/3/2023 22:31	14403 SSLA_T1	0	0	0	0	0	0	0.83	0.79	0	0	0	0	0	0
6/3/2023 22:32	15001 BLMO_T1	3	4	1	0.2	0.35	0.15	0	0	0	0	0	0	0	0
6/3/2023 22:35	66901 SHIL_T2	1	1	0	0.8	1.2	0.4	-1.17	-1.19	1	1	0	1200	1200	0
6/3/2023 22:38	59101 WALK_T2	0	0	0	0	0	0	1.04	0.99	1	1	0	450	450	0
6/3/2023 22:39	57303 MOAL_T2	1	1	0	7	7.3	0.3	0	0	0	0	0	0	0	0
6/3/2023 22:46	25402 LAHA_T2	0	0	0	0	0	0	-0.86	-0.86	0	0	0	0	0	0
6/3/2023 22:48	11104 EGYP_T1	0	0	0	0	0	0	0.56	0.54	0	0	0	0	0	0
6/3/2023 22:50	65503 MOJO_T2	0	7	7	0	0.1	0.1	-0.89	-0.89	1	1	0	900	900	0
6/3/2023 22:54	52402 GRPA_T2	4	4	0	0.33	0.48	0.15	0	0	0	0	0	0	0	0
6/3/2023 22:59	42802 SELI_T1	0	0	0	0	0	0	-1.2	0.02	0	0	0	0	0	0
6/3/2023 23:00	14403 SSLA_T1	0	0	0	0	0	0	0.77	0.78	0	0	0	0	0	0
6/3/2023 23:01	47402 PENS_T1	0	1	1	0	0.2	0.2	0	0	0	0	0	0	0	0
6/3/2023 23:01	55101 WERT_T1	0	0	0	0	0	0	-1.46	-1.51	2	2	0	1800	1800	0
6/3/2023 23:02	43202 MVIL_T2	0	0	0	0	0	0	-0.69	-0.69	0	0	0	0	0	0
6/3/2023 23:02	54001 SDLE_T1	1	3	2	0.8	0.43	-0.37	0	0	0	0	0	0	0	0
6/3/2023 23:03	56803 BENV_T1	0	0	0	0	0	0	0.26	0.25	0	0	0	0	0	0
6/3/2023 23:03	63401 HONY_T1	0	0	0	0	0	0	0.29	0.28	0	0	0	0	0	0
6/3/2023 23:05	61303 EARL_T1	0	0	0	0	0	0	0	-0.02	0	0	0	0	0	0
6/3/2023 23:07	46302 ROHR_T1	3	3	0	1.13	1.13	0	0.15	0.16	0	0	0	0	0	0
6/3/2023 23:08	52401 GRPA_T2	0	1	1	0	0.2	0.2	0	0	0	0	0	0	0	0
6/3/2023 23:08	12701 MACU_T1	0	0	0	0	0	0	0.07	0.06	0	0	0	0	0	0
6/3/2023 23:10	54001 SDLE_T1	1	3	2	0.8	0.43	-0.37	0	0	0	0	0	0	0	0
6/3/2023 23:12	44901 SCOT_T2	0	0	0	0	0	0	-0.26	-0.17	0	0	0	0	0	0
6/3/2023 23:18	59101 WALK_T2	0	0	0	0	0	0	0.92	1.37	1	0	-1	450	0	-450
6/3/2023 23:19	60101 COCA_T1	0	0	0	0	0	0	0.24	0.23	0	0	0	0	0	0
6/3/2023 23:19	55101 WERT_T1	0	0	0	0	0	0	-1.55	-1.59	2	2	0	1800	1800	0
6/3/2023 23:22	46501 LOHA_T1	0	1	1	0	0.1	0.1	0	0	0	0	0	0	0	0
6/3/2023 23:23	45003 LIME_2	1	2	1	3.8	2.3	-1.5	0	0	1	1	0	1200	1200	0
6/3/2023 23:24	12701 MACU_T1	0	0	0	0	0	0	0.06	0.04	0	0	0	0	0	0
6/3/2023 23:31	44203 POIN_T2	0	0	0	0	0	0	-0.39	-0.44	1	1	0	900	900	0
6/3/2023 23:33	44802 EDAN_T2	0	0	0	0	0	0	-1.76	-1.77	1	1	0	1200	1200	0
6/3/2023 23:35	28403 HART_T2	0	0	0	0	0	0	-0.72	-0.63	1	1	0	900	900	0
6/3/2023 23:41	42701 AUGU_T1	1	1	0	0.2	0.5	0.3	0	0	2	2	0	1800	1800	0
6/3/2023 23:44	64801 MONE_T2	0	0	0	0	0	0	0.36	0.35	0	0	0	0	0	0
6/3/2023 23:46	40502 CRES_T2	0	0	0	0	0	0	0.53	0.49	0	0	0	0	0	0
6/3/2023 23:49	40502 CRES_T2	0	0	0	0	0	0	0.49	0.48	0	0	0	0	0	0
6/3/2023 23:57	40502 CRES_T2	0	0	0	0	0	0	0.49	0.48	0	0	0	0	0	0
6/4/2023 0:00	29402 BELT_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
6/4/2023 0:10	24105 EHAZ_T1	4	4	0	5.98	5.88	-0.1	0	0	0	0	0	0	0	0
6/4/2023 0:15	16302 ALPA_T2	0	0	0	0	0	0	0.49	0.46	0	0	0	0	0	0
6/4/2023 0:17	11104 EGYP_T1	0	0	0	0	0	0	0.42	0.39	0	0	0	0	0	0
6/4/2023 0:18	15001 BLMO_T1	0	3	3	0	0.5	0.5	0	0	0	0	0	0	0	0
6/4/2023 0:25	10805 CHHI_T2	1	1	0	7.5	7.4	-0.1	-1.12	-1.13	0	0	0	0	0	0
6/4/2023 0:28	25404 LAHA_T2	0	118	118	0	0.11	0.11	0	0	0	0	0	0	0	0
6/4/2023 0:28	52404 GRPA_T2	1	3	2	0.7	0.4	-0.3	0	0	0	0	0	0	0	0
6/4/2023 0:28	10805 CHHI_T2	1	1	0	7.5	7.4	-0.1	-1.12	-1.13	0	0	0	0	0	0
6/4/2023 0:28	54001 SDLE_T1	1	1	0	0.5	0.2	-0.3	0	0	0	0	0	0	0	0
6/4/2023 0:28	29402 BELT_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
6/4/2023 0:28	66901 SHIL_T2	1	15	14	1.8	0.25	-1.55	-1.25	-1.3	1	1	0	1200	1200	0
6/4/2023 0:28	44502 HAMI_T2	1	1	0	3.9	3.8	-0.1	-0.93	-0.95	0	0	0	0	0	0
6/4/2023 0:28	52004 LING_T2	0	0	0	0	0	0	0.16	0.11	0	0	0	0	0	0
6/4/2023 0:28	42701 AUGU_T1	1	1	0	0.4	0.6	0.2	0	0	2	2	0	1800	1800	0
6/4/2023 0:28	44801 EDAN_T2	1	1	0	0.6	0.5	-0.1	0	0	0	0	0	0	0	0
6/4/2023 0:28	60803 BUCK_T1	0	0	0	0	0	0	-0.92	-0.94	1	1	0	600	600	0
6/4/2023 0:28	15001 BLMO_T1	0	3	3	0	0.5	0.5	0	0	0	0	0	0	0	0
6/4/2023 0:28	65503 MOJO_T2	6	18	12	0.12	0.37	0.25	-1.08	-1.04	1	1	0	900	900	0
6/4/2023 0:28	40502 CRES_T2	0	0	0	0	0	0	1.32	1.26	0	0	0	0	0	0
6/4/2023 0:28	57303 MOAL_T2	1	1	0	7.7	7.8	0.1	0	0	0	0	0	0	0	0
6/4/2023 0:28	24101 EHAZ_T1	0	0	0	0	0	0	0.04	0.13	1	1	0	600	600	0
6/4/2023 0:28	56801 BENV_T1	31	41	10	1.07	0.86	-0.21	0	0	0	0	0	0	0	0
6/4/2023 0:28	45003 LIME_2	2	2	0	2.3	2.35	0.05	0	0	1	1	0	1200	1200	0
6/4/2023 0:28	43202 MVIL_T2	0	0	0	0	0	0	-0.71	-0.73	0	0	0	0	0	0
6/4/2023 0:28	64801 MONE_T2	0	0	0	0	0	0	0.31	0.31	0	0	0	0	0	0
6/4/2023 0:

Appendix C - Grid Benefits Achieved in Each Instance of Active Management

6/4/2023 2:25	10805 CHHI_T2	1	1	0	7.4	7.3	-0.1	-1.17	-1.19	0	0	0	0	0	0
6/4/2023 2:26	25402 LAHA_T2	0	0	0	0	0	0	-0.92	-0.95	0	0	0	0	0	0
6/4/2023 2:29	40502 CRES_T2	0	0	0	0	0	0	0.38	0.37	0	0	0	0	0	0
6/4/2023 2:31	15001 BLMO_T1	3	3	0	0.37	0.4	0.03	0	0	3	0	0	0	0	0
6/4/2023 2:37	28604 BLYT_T2	0	0	0	0	0	0	-1.42	-1.43	0	0	0	0	0	0
6/4/2023 2:39	28604 BLYT_T2	0	0	0	0	0	0	-1.42	-1.43	0	0	0	0	0	0
6/4/2023 2:40	29402 BELT_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
6/4/2023 2:41	42701 AUGU_T1	0	0	0	0	0	0	0	0	1	1	0	600	600	0
6/4/2023 2:46	52403 GRPA_T2	0	0	0	0	0	0	-0.06	-0.06	0	0	0	0	0	0
6/4/2023 2:46	40502 CRES_T2	0	0	0	0	0	0	0.37	0.37	0	0	0	0	0	0
6/4/2023 2:48	52402 GRPA_T2	1	1	0	0.1	0.1	0	0	0	0	0	0	0	0	0
6/4/2023 2:51	44203 POIN_T2	0	0	0	0	0	0	0.35	0.39	0	0	0	0	0	0
6/4/2023 2:53	44802 EDAN_T2	0	0	0	0	0	0	-1.86	-1.85	1	1	0	1200	1200	0
6/4/2023 3:06	65604 QVIL_T2	58	53	-5	0.22	0.24	0.02	-0.13	-0.14	0	0	0	0	0	0
6/4/2023 3:10	65503 MOJO_T2	7	12	5	0.1	0.18	0.08	-0.21	-0.21	0	0	0	0	0	0
6/4/2023 3:14	52403 GRPA_T2	0	0	0	0	0	0	-0.05	-0.05	0	0	0	0	0	0
6/4/2023 3:15	66901 SHIL_T2	1	1	0	2.2	2.4	0.2	-1.36	-1.38	1	1	0	1200	1200	0
6/4/2023 3:20	10602 BLGL_T2	0	0	0	0	0	0	0.26	0.27	0	0	0	0	0	0
6/4/2023 3:22	64305 LINC_T1	1	1	0	0.1	0.2	0.1	0	0	0	0	0	0	0	0
6/4/2023 3:30	24105 EHAZ_T1	4	4	0	5.7	5.73	0.03	0	0	0	0	0	0	0	0
6/4/2023 3:59	60502 NMAN_T2	1	1	0	1.1	0.8	-0.3	-0.08	-0.01	0	0	0	0	0	0
6/4/2023 4:00	60501 NMAN_T2	3	3	0	5.23	4.83	-0.4	0	0	0	0	0	0	0	0
6/4/2023 4:19	60502 NMAN_T2	0	1	1	0	0.4	0.4	-0.08	-0.08	0	0	0	0	0	0
6/4/2023 4:24	12701 MACU_T1	1	0	-1	0.1	0	-0.1	-0.01	-0.01	0	0	0	0	0	0
6/4/2023 4:39	57304 MOAL_T2	0	1	1	0	0.1	0.1	-0.43	-0.44	0	0	0	0	0	0
6/4/2023 4:56	57303 MOAL_T2	1	1	0	7.2	7.2	0	0	0	0	0	0	0	0	0
6/4/2023 4:59	57303 MOAL_T2	1	1	0	7.2	7.2	0	0	0	0	0	0	0	0	0
6/4/2023 9:43	59101 WALK_T2	0	0	0	0	0	0	1.34	1.46	0	0	0	0	0	0
6/4/2023 10:00	61302 EARL_T1	2	4	2	0.55	0.88	0.33	0	0	0	0	0	0	0	0
6/4/2023 10:00	63402 HONY_T2	1	1	0	0.7	0.7	0	0	0	0	0	0	0	0	0
6/4/2023 10:00	52503 PROG_T2	0	0	0	0	0	0	-0.62	-0.57	1	1	0	900	900	0
6/4/2023 10:00	12604 MACA_T1	0	0	0	0	0	0	0.37	0.35	0	0	0	0	0	0
6/4/2023 10:00	67204 TEHI_T2	1	14	13	0.8	0.19	-0.61	-0.52	-0.48	0	0	0	0	0	0
6/4/2023 10:00	67605 WARW_T1	0	1	1	0	1.1	1.1	0	0	0	0	0	0	0	0
6/4/2023 10:00	44301 BEAV_T2	1	0	-1	0.6	0	-0.6	-0.47	-0.35	1	1	0	600	600	0
6/4/2023 10:00	16302 ALPA_T2	0	0	0	0	0	0	0.51	0.52	0	0	0	0	0	0
6/4/2023 10:00	11104 EGYP_T1	0	0	0	0	0	0	1.42	1.49	0	0	0	0	0	0
6/4/2023 10:00	64801 MONE_T2	0	1	1	0	0.1	0.1	0.54	0.58	0	0	0	0	0	0
6/4/2023 10:00	57304 MOAL_T2	0	0	0	0	0	0	-0.3	-0.3	0	0	0	0	0	0
6/4/2023 10:00	63404 HONY_T1	2	2	0	9	8.95	-0.05	0	0	0	0	0	0	0	0
6/4/2023 10:00	41602 CLEV_T1	0	0	0	0	0	0	0	0	1	1	0	600	600	0
6/4/2023 10:00	52403 GRPA_T2	0	1	1	0	0.2	0.2	-1.04	-1.14	0	0	0	0	0	0
6/4/2023 10:00	54001 SDLE_T1	1	1	0	0.8	0.7	-0.1	0	0	2	2	0	1200	1200	0
6/4/2023 10:00	20401 ASHF_T2	21	19	-2	0.34	0.33	-0.01	0	0	0	0	0	0	0	0
6/4/2023 10:00	12701 MACU_T1	0	0	0	0	0	0	0.2	0.2	0	0	0	0	0	0
6/4/2023 10:00	56601 HAMP_T1	0	0	0	0	0	0	-0.13	-0.12	0	0	0	0	0	0
6/4/2023 10:00	28604 BLYT_T2	0	1	1	0	0.1	0.1	-1.32	-1.34	0	0	0	0	0	0
6/4/2023 10:00	47401 PENS_T1	11	6	-5	0.45	0.78	0.33	-0.15	-0.07	0	0	0	0	0	0
6/4/2023 10:00	52004 LING_T2	2	2	0	0.3	0.55	0.25	0.09	0.12	0	0	0	0	0	0
6/4/2023 10:00	66504 SMAN_T2	1	2	1	0.1	0.15	0.05	0	0	0	0	0	0	0	0
6/4/2023 10:00	56504 ROCK_T2	0	0	0	0	0	0	-0.11	0.07	0	0	0	0	0	0
6/4/2023 10:00	46506 LOHA_T1	1	1	0	0.8	1.1	0.3	-1.52	-1.5	1	1	0	900	900	0
6/4/2023 10:00	44502 HAMI_T2	1	2	1	2.2	1.05	-1.15	-0.9	-0.84	0	0	0	0	0	0
6/4/2023 10:00	59102 WALK_T2	0	1	1	0	0.2	0.2	0	0	0	0	0	0	0	0
6/4/2023 10:00	24101 EHAZ_T1	0	0	0	0	0	0	0.89	0.95	0	0	0	0	0	0
6/4/2023 10:00	65503 MOJO_T2	0	0	0	0	0	0	-0.8	-0.72	1	1	0	900	900	0
6/4/2023 10:00	60101 COCA_T1	0	0	0	0	0	0	0.32	0.34	0	0	0	0	0	0
6/4/2023 10:00	40502 CRES_T2	0	0	0	0	0	0	-0.04	-0.04	0	0	0	0	0	0
6/4/2023 10:00	55101 WERT_T1	0	0	0	0	0	0	-2.32	-2.38	4	4	0	3000	3000	0
6/4/2023 10:00	56803 BENV_T1	0	2	2	0	1.1	1.1	0.32	0.4	0	0	0	0	0	0
6/4/2023 10:00	28403 HART_T2	0	0	0	0	0	0	-0.57	-0.59	1	1	0	900	900	0
6/4/2023 10:00	14403 SSLA_T1	0	0	0	0	0	0	1.6	1.68	0	0	0	0	0	0
6/4/2023 10:00	47901 HROG_T1	0	0	0	0	0	0	1.06	0.99	0	0	0	0	0	0
6/4/2023 10:00	15001 BLMO_T1	1	1	0	0.1	0.1	0	0	0	0	0	0	0	0	0
6/4/2023 10:00	46302 ROHR_T1	4	4	0	0.45	0.48	0.03	0.16	0.18	0	0	0	0	0	0
6/4/2023 10:06	65604 QVIL_T2	3	5	2	0.17	0.24	0.07	0.07	0.03	0	0	0	0	0	0
6/4/2023 10:08	64301 LINC_T1	0	0	0	0	0	0	0.35	0.31	0	0	0	0	0	0
6/4/2023 10:19	60504 NMAN_T2	0	2	2	0	0.45	0.45	0	0	0	0	0	0	0	0
6/4/2023 10:35	44502 HAMI_T2	2	2	0	1.05	1.05	0	-0.88	-0.81	0	0	0	0	0	0
6/4/2023 10:38	55101 WERT_T1	0	0	0	0	0	0	-1.21	-1.12	2	2	0	1500	1500	0
6/4/2023 10:40	66504 SMAN_T2	2	2	0	0.15	0.25	0.1	0	0	0	0	0	0	0	0
6/4/2023 10:42	60801 BUCK_T1	141	154	13	0.41	0.48	0.07	0	0	0	0	0	0	0	0
6/4/2023 10:43	61303 EARL_T1	0	0	0	0	0	0	0.08	0.11	0	0	0	0	0	0
6/4/2023 10:45	52401 GRPA_T2	0	0	0	0	0	0	-0.53	-0.54	0	0	0	0	0	0
6/4/2023 10:53	67502 WEWI_T2	0	1	1	0	0.2	0.2	0	0	0	0	0	0	0	0
6/4/2023 10:55	15001 BLMO_T1	0	1	1	0	0.1	0.1	0	0	0	0	0	0	0	0
6/4/2023 11:04	66502 SMAN_T2	0	1	1	0	0.1	0.1	0	0	0	0	0	0	0	0
6/4/2023 11:08	15001 BLMO_T1	0	2	2	0	0.15	0.15	0	0	0	0	0	0	0	0
6/4/2023 11:09	15001 BLMO_T1	0	2	2	0	0.15	0.15	0	0	0	0	0	0	0	0
6/4/2023 11:11	64101 REFR_T1	0	0	0	0	0	0	0.27	0.29	0	0	0	0	0	0
6/4/2023 11:13	57304 MOAL_T2	1	0	-1	3.8	0	-3.8	0.03	-0.04	0	0	0	0	0	0
6/4/2023 11:15	43202 MVIL_T2	0	0	0	0	0	0	-0.67	-0.67	0	0	0	0	0	0
6/4/2023 11:17	28403 HART_T2	0	0	0	0	0	0	-0.54	-0.55	1	1	0	900	900	0
6/4/2023 11:18	42802 SELI_T1	0	0	0	0	0	0	-0.95	-1.01	1	1	0	900	900	0
6/4/2023 11:19	66902 SHIL_T2	1	1	0	0.1	0.2	0.1	0	0	0	0	0	0	0	0
6/4/2023 11:29	40902 JESH_T1	0	0	0	0	0	0	-1.11	-1.08	2	2	0	1200	1200	0
6/4/2023 11:32	42802 SELI_T1	0	1	1	0	0.2	0.2	-1.01	-0.99	1	1	0	900	900	0
6/4/2023 11:33	60803 BUCK_T1	0	0	0	0	0	0	-0.82	-0.81	0	0	0	0	0	0
6/4/2023 11:33	56802 BENV_T2	1	1	0	0.9	0.8	-0.1	-1.24	-1.25	0	0	0	0	0	0
6/4/2023 11:35	46503 LOHA_T1	1	1	0	0.2	0.2	0	0	0	0	0	0	0	0	0
6/4/2023 11:40	58402 MORO_T1	0	0	0	0	0	0	-1.31	-1.31	2	2	0	1500	1500	0
6/4/2023 11:41	49803 UNIV_T1	36	44	8	0.25	0.25	0	-1.89	-1.87	0	0	0	0	0	0
6/4/2023 11:41	56802 BENV_T2	1	1	0	0.9	0.8	-0.1	-1.25	-1.21	0	0	0	0	0	0
6/4/2023 11:43	46503 LOHA_T1	1	1	0	0.2	0.2	0	0	0	0	0	0	0	0	0
6/4/2023 11:44	14402 SSLA_T1	1	1	0	0.4	0.3	-0.1	0	0	0	0	0	0	0	0
6/4/2023 11:46	47401 PENS_T1	1	2	1	0.2	0.35	0.15	1.24	1.32	0	0	0	0	0	0
6/4/2023 11:46	46506 LOHA_T1	1	1	0	1	0.4	-0.6	-1.42	-1.43	1	1	0	900	900	0
6/4/2023 11:49	52002 LING_T2	0	1	1	0	0	0	0	0	0	0	0	0	0	0
6/4/2023 11:54	42701 AUGU_T1	3	3	0	0.23	0.2	-0.03	0	0	2	2	0	1800	1800	0
6/4/2023 11:55	47401 PENS_T1	1	2	1	0.2	0.35	0.15	1.32	1.33	0	0	0	0	0	0
6/4/2023 11:56	67503 WEWI_T2	0	0	0	0	0	0	-0.22	-0.13	0	0	0	0	0	0
6/4/2023 11:59	60504 NMAN_T2	2	2	0	0.4	0.9	0.5	0	0	0	0	0	0	0	0
6/4/2023 12:00	66502 SMAN_T2	0	1	1	0	0.4	0.4	0	0	0	0	0	0	0	0
6/4/2023 12:02	42701 AUGU_T1	2	2	0	0.25	0.2	-0.05	0	0	2	2	0	1800	1800	0
6/4/2023 12:04	52004 LING_T2	1	2	1	1.3	1.2	-0.1	0.16	0.16	0	0	0	0	0	0
6/4/2023 12:04	40501 CRES_T2	0	0	0	0	0	0	0.55	0.56	0	0	0	0	0	0
6/4/2023 12:06	28403 HART_T2	0	0	0	0	0	0	-0.5	-0.51	1	1	0	900	900	0
6/4/2023 12:06	64801 MONE_T2	0	0	0	0	0	0	0.37	0.35	0	0	0	0	0	0
6/4/2023 12:09	67503 WEWI_T2	0	0	0	0	0	0	-0.13	-0.03	0	0	0	0	0	0
6/4/2023 12:12	66505 SMAN_T2	1	1	0	0.8	0.8	0	0.46	0.6	2	2	0	1100	1100	0
6/4/2023 12:18	64801 MONE_T2	0	0	0	0	0	0	0.37	0.35	0	0	0	0	0	0
6/4/2023 12:20	64101 REFR_T1	0	2	2	0	0.2	0.2	0.11	0.13	0	0	0	0	0	0
6/4/2023 12:23	61303 EARL_T1	0	0	0	0	0	0	0.18	0.19	0	0	0	0	0	0
6/4/2023 12:23	10805 CHHI_T2	1	1	0	8.7	8.6	-0.1	-0.91	-0.92	0	0	0	0	0	0
6/4/2023 12:24	28403 HART_T2	0	0	0	0	0	0	-0.51	-0.5	1	1	0	900	900	0
6/4/2023 12:26	61302 EARL_T1	2	2	0	1	0.8	-0.2	0	0	0	0	0	0	0	0
6/4/2023 12:41	10805 CHHI_T2	1	1	0	8.6	8.6	0	-0.92	-0.92	0	0	0	0	0	0
6/4/2023 12:42	15001 BLMO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
6/4/2023 12:44	41601 CLEV_T1	1	1	0	0.2	0.2	0	0	0	0	0	0	0	0	0
6/4/2023 12:46	41602 CLEV_T1	0	0	0	0	0	0	0	0	1	1	0	600	600	0
6/4/2023 12:59	12701 MACU_T1	0	0	0	0	0	0	0.15	0.15	0	0	0	0	0	0
6/4/2023 13:44	41602 CLEV_T1	0	0	0	0	0	0	0	0	1	1	0	600	600	0
6/4/2023 13:49	57304 MOAL_T2	0	0	0	0	0	0	-0.01	-0.02	0	0	0	0	0	0
6/4/2023 14:16	67204 TEHI_T2	1	1	0	0.7	0.4	-0.3	-0.12	-0.11	0	0	0	0	0	0
6/4/2023 14:23	61302 EARL_T1	2	2	0	0.75	0.5	-0.25	0	0	0	0	0	0	0	0
6/4/2023 14:26	47402 PENS_T1	1	2	1	0.1	0.1	0	0	0	0	0	0	0	0	0
6/4/2023 14:30	48301 ORWI_T1	2	2	0	5	5.65	0.65	-0.62	-0.66	0	0	0	0	0	0
6/4/2023 14:42	41902 REED_T1	1	1	0	1	1	0	0	0	0	0	0	0	0	0
6/4/2023 14:47	28403 HART_T2	0	0	0	0	0	0	-0.48	-0.47	1	1	0	900	900	0
6/4/2023 14:52	47402 PENS_T1	2	0	-2	0.1	0	-0.1	0	0	0	0	0	0	0	0
6/4/2023 14:54	47402 PENS_T1	2	0	-2	0.1	0	-0.1	0	0	0	0	0	0	0	0
6/4/2023 14:54	59102 WALK_T2	1	1	0	0.2	0.1	-0.1	0	0	0	0	0	0	0	0
6/4/2023 15:00	56801 BENV_T1	1	2	1	1.3	0.85	-0.45	-0.46	-0.49	1	1	0	600	600	0
6/4/2023 15:09	52004 LING_T2	1	1	0	0.4	0	-0.4	0.22	0.24	0	0	0	0	0	0
6/4/2023 15:11	46506 LOHA_T1	0	0	0	0	0	0	-1.37	-1.36	1	1	0	900	900	0
6/4/2023 15:32	65604 QVIL_T2	0	0	0	0	0	0	0.09	0.1	0	0	0	0	0	0
6/4/2023 15:38	65604 QVIL_T2	0	0	0	0	0	0	0.1	0.1	0	0	0	0	0	0
6/4/2023 15:49	13704 SCHN_T2	0	0	0	0	0	0	0.2	0.13	0	0	0	0	0	0
6/4/2023 15:53	10602 BLGL_T2	0	1	1	0	0.5	0.5	0.29	0.28	0	0	0	0	0	0
6/4/2023 16:01	46506 LOHA_T1	1	0	-1	0.1	0.1	0	-1.36	-1.35	1	1	0	900	900	0
6/4/2023 16:03	42204 SHEN_T2	2	0	-2	9.85	0	-9.85	0	0	0	0	0	0	0	0
6/4/2023 16:05	47403 PENS_T1	1	1	0	2.9	1.7	-1.2	0	0	0	0	0	0	0	0
6/4/2023 16:07	61303 EARL_T1	0	0	0	0	0	0	0.28	0.24	0	0	0	0	0	0
6/4/2023 16:08	55101 WERT_T1	0	0	0	0	0	0	-1.78	-1.74	3	3	0	2400	2400	0
6/4/2023 16:11	56802 BENV_T2	0	0	0	0	0	0	-1.06	-1.08	0	0	0	0	0	0
6/4/2023 16:11	56504 ROCK_T2	0	0	0	0	0	0	0.18	0.22	0	0	0	0	0	0
6/4/2023 16:11	55101 WERT_T1	0	0	0	0	0	0	-1.78	-1.74	3	3	0	2400	2400	0
6/4/2023 16:12	56504 ROCK_T2	0	0	0	0	0	0	0.18	0.22	0	0	0	0	0	0
6/4/2023 16:16	61303 EARL_T1	0	0	0	0	0	0	0.28	0.24	0	0	0	0	0	0
6/4/2023 16:18	56801 BENV_T1	2	7	5	0.2	0.23	0.03	0	0	0	0	0	0	0	0
6/4/2023 16:18	16302 ALPA_T2	0	0	0	0	0	0	-0.52	-0.56	0	0	0	0	0	0
6/4/2023 16:20	66505 SMAN_T2	0	0	0	0	0	0	0.11	0.17	3	3	0	1700	1700	0
6/4/2023 16:23	66504 SMAN_T2	0	0	0	0	0	0	-2.1	-2.26	2	2	0	2400	2400	0
6/4/2023 16:28	15001 BLMO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
6/4/2023 16:31	67204 TEHI_T2	0	0	0	0	0	0	-0.07	-0.07	0	0	0	0	0	0
6/4/2023 16:32	56801 BENV_T1	1	7	6	0.1	0.24	0.14	0	0	0	0	0	0	0	0
6/4/2023 16:34	11102 EGYP_T1	0	1	1	0	0	0	0	0	0	0	0	0	0	0
6/4/2023 16:38	42802 SELI_T1	0	0	0	0	0	0	-0.93	-0.91	1	1	0	900	900	0
6/4/2023 16:38	67204 TEHI_T2	0	0	0	0	0	0	-0.07	-0.04	0	0	0	0	0	0
6/4/2023 16:40	15001 BLMO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
6/4/2023 16:47	61303 EARL_T1	0	0	0	0	0	0	0.27	0.3	0	0	0	0	0	0
6/4/2023 16:48	55101 WERT_T1	0	0	0	0	0	0	-1.77	-1.72	3	3	0	2400	2400	0
6/4/2023 16:50	52403 GRPA_T2	0	0	0	0	0	0	-0.33	-0.26	0	0	0	0	0	0
6/4/2023 16:52	52403 GRPA_T2	0	0	0	0	0	0	-0.33	-0.26	0	0	0	0	0	0
6/4/2023 16:52	42802 SELI_T1	0	0	0	0	0	0	-0.91	-0.9	1	1	0	900	900	0
6/4/2023 16:53	42802 SELI_T1	0	0	0	0	0	0	-0.91	-0.9	1	1	0	900	900	0
6/4/2023 16:53	59101 WALK_T2	0	1	1	0	0.2	0.2	1.18	1.35	1	1	0	450	450	0
6/4/2023 16:55	66703 STRA_T1	0	0	0	0	0	0	0.07	-0.06	0	0	0	0	0	0
6/4/2023 16:57	59402 RFLD_T2	0	1	1	0	0.1	0.1	-1.57	-1.57	1	1	0	450	450	0
6/4/2023 16:57	42802 SELI_T1	0	0	0	0	0	0	-0.91	-0.9	1	1	0	900	900	0
6/4/2023 16:58	60801 BUCK_T1	13	11	-2	0.16	0.24	0.08	0	0	0	0	0	0	0	0
6/4/2023 16:58	59101 WALK_T2	0	1	1	0	0.2	0.2	1.18	1.35	1	1	0	450	450	0
6/4/2023 16:59	55101 WERT_T1	0	0	0	0	0	0	-1.72	-1.72	3	3	0	2400	2400	0
6/4/2023 17:00	51107 CARL_T1	0	0	0	0	0	0	-1.3	-1.33	0	0	0	0	0	0
6/4/2023 17:02	56801 BENV_T1	1	22	21	0.2	0.84	0.64	-0.4	-0.34	1	1	0	600	600	0
6/4/2023 17:05	60803 BUCK_T1	0	0	0	0	0	0	-1.21	-1.18	1	1	0	600	600	0
6/4/2023 17:05	45001 LIME_2	1	1	0	0.1	0	-0.1	0	0	0	0	0	0	0	0
6/4/2023 17:06	59101 WALK_T2	0	1	1	0	0.2	0.2	1.35	1.32	1	1	0	450	450	0
6/4/2023 17:07	56803 BENV_T1	0	1	1	0	0.7	0.7	0	0	0	0	0	0	0

Appendix C - Grid Benefits Achieved in Each Instance of Active Management

6/4/2023 21:27	42701 AUGU_T1	1	1	0	0.4	0.4	0	0	0	2	2	0	1800	1800	0
6/4/2023 21:30	41602 CLEV_T1	0	0	0	0	0	0	0	0	1	1	0	600	600	0
6/4/2023 21:49	13704 SCHN_T2	0	5	5	0	0.1	0.1	-0.31	-0.35	0	0	0	0	0	0
6/4/2023 21:51	56501 ROCK_T2	4	4	0	0.38	0.35	-0.03	0	0	0	0	0	0	0	0
6/4/2023 21:59	46504 LOHA_T1	2	46	44	0.75	0.5	-0.25	0	0	0	0	0	0	0	0
6/4/2023 22:05	61303 EARL_T1	0	0	0	0	0	0	-0.21	-0.01	0	0	0	0	0	0
6/4/2023 22:07	46506 LOHA_T1	0	1	1	0	0.4	0.4	-1.51	-1.51	1	1	0	900	900	0
6/4/2023 22:08	67503 WEWI_T2	0	0	0	0	0	0	-0.24	-0.24	0	0	0	0	0	0
6/4/2023 22:10	56802 BENV_T2	6	27	21	0.32	0.19	-0.13	-1.25	-1.25	0	0	0	0	0	0
6/4/2023 22:11	67503 WEWI_T2	0	0	0	0	0	0	-0.24	-0.24	0	0	0	0	0	0
6/4/2023 22:14	15001 BLMO_T1	0	4	4	0	0.18	0.18	0	0	0	0	0	0	0	0
6/4/2023 22:26	15001 BLMO_T1	4	4	0	0.18	0.48	0.3	0	0	0	0	0	0	0	0
6/4/2023 22:30	65503 MOJO_T2	0	12	12	0	0.18	0.18	-0.99	-1.02	0	1	1	0	900	900
6/4/2023 22:36	28403 HART_T2	0	0	0	0	0	0	-0.63	-0.63	1	1	0	900	900	0
6/4/2023 22:39	64101 REFR_T1	0	0	0	0	0	0	-0.03	-0.03	0	0	0	0	0	0
6/4/2023 22:41	43202 MVIL_T2	0	0	0	0	0	0	-0.72	-0.72	0	0	0	0	0	0
6/4/2023 22:41	66703 STRA_T1	4	6	2	0.45	0.57	0.12	-0.33	-0.38	0	0	0	0	0	0
6/4/2023 22:42	42802 SELI_T1	0	0	0	0	0	0	-0.23	-0.26	0	0	0	0	0	0
6/4/2023 22:43	59101 WALK_T2	0	0	0	0	0	0	1.15	1.12	0	0	0	0	0	0
6/4/2023 22:46	56801 BENV_T1	34	39	5	1.04	1.21	0.17	-0.76	-0.77	1	1	0	600	600	0
6/4/2023 22:47	59402 RFLD_T2	0	0	0	0	0	0	-0.8	-0.81	1	1	0	450	450	0
6/4/2023 22:48	46301 ROHR_T1	0	1	1	0	0	0	0	0	0	0	0	0	0	0
6/4/2023 22:48	42802 SELI_T1	0	0	0	0	0	0	-0.23	-0.26	0	0	0	0	0	0
6/4/2023 22:52	56803 BENV_T1	0	0	0	0	0	0	-0.09	-0.08	0	0	0	0	0	0
6/4/2023 22:52	55101 WERT_T1	0	0	0	0	0	0	-1.48	-1.5	2	2	0	1500	1500	0
6/4/2023 22:53	58402 MORO_T1	0	0	0	0	0	0	-0.47	-0.55	1	1	0	600	600	0
6/4/2023 22:54	52004 LING_T2	0	0	0	0	0	0	0.19	0.17	0	0	0	0	0	0
6/4/2023 22:55	59101 WALK_T2	0	0	0	0	0	0	1.12	1.06	0	0	0	0	0	0
6/4/2023 22:57	46506 LOHA_T1	0	1	1	0	0.8	0.8	-1.55	-1.55	1	1	0	900	900	0
6/4/2023 22:58	47402 PENS_T1	0	1	1	0	0.2	0.2	0	0	0	0	0	0	0	0
6/4/2023 22:58	59101 WALK_T2	0	0	0	0	0	0	1.12	1.06	0	0	0	0	0	0
6/4/2023 22:58	56801 BENV_T1	34	39	5	1.04	1.21	0.17	-0.77	-0.81	1	1	0	600	600	0
6/4/2023 22:59	51102 CARL_T1	53	174	121	0.16	0.39	0.23	0	0	0	0	0	0	0	0
6/4/2023 23:01	56803 BENV_T1	0	1	1	0	0.1	0.1	0	0	0	0	0	0	0	0
6/4/2023 23:02	56802 BENV_T2	1	174	173	1.2	0.27	-0.93	-1.33	-1.34	0	0	0	0	0	0
6/4/2023 23:02	47402 PENS_T1	0	1	1	0	0.6	0.6	0	0	0	0	0	0	0	0
6/4/2023 23:03	45003 LIME_2	2	2	0	2.2	2.3	0.1	0	0	1	1	0	1200	1200	0
6/4/2023 23:12	16301 ALPA_T1	1	1	0	0.2	0.5	0.3	-0.29	-0.22	0	0	0	0	0	0
6/4/2023 23:15	66505 SMAN_T2	3	3	0	0.57	0.3	-0.27	-0.14	-0.06	1	1	0	900	900	0
6/4/2023 23:19	67503 WEWI_T2	0	0	0	0	0	0	-0.34	-0.36	0	0	0	0	0	0
6/4/2023 23:21	40502 CRES_T2	24	0	-24	0.33	0	-0.33	0	0	0	0	0	0	0	0
6/4/2023 23:28	14403 SSLA_T1	0	0	0	0	0	0	0.72	0.7	0	0	0	0	0	0
6/4/2023 23:29	64801 MONE_T2	0	0	0	0	0	0	0.32	0.31	0	0	0	0	0	0
6/4/2023 23:31	11104 EGYP_T1	0	0	0	0	0	0	0.51	0.48	0	0	0	0	0	0
6/4/2023 23:31	12701 MACU_T1	0	0	0	0	0	0	-1.23	-1.23	1	0	-1	1200	0	-1200
6/4/2023 23:32	61303 EARL_T1	0	0	0	0	0	0	-0.06	-0.1	0	0	0	0	0	0
6/4/2023 23:32	67204 TEHI_T2	0	40	40	0	0.12	0.12	0.05	0.06	0	0	0	0	0	0
6/4/2023 23:34	24105 EHAZ_T1	4	4	0	5.5	5.43	-0.07	0	0	0	0	0	0	0	0
6/4/2023 23:35	10805 CHHI_T2	1	1	0	7.4	7.5	0.1	-1.01	-0.99	0	0	0	0	0	0
6/4/2023 23:36	28403 HART_T2	0	0	0	0	0	0	-0.67	-0.68	1	1	0	900	900	0
6/4/2023 23:44	29401 BELT_T1	0	2	2	0	0.1	0.1	0	0	0	0	0	0	0	0
6/4/2023 23:46	15001 BLMO_T1	5	5	0	0.82	1.15	0.33	0	0	0	0	0	0	0	0
6/4/2023 23:51	11104 EGYP_T1	0	0	0	0	0	0	0.45	0.42	0	0	0	0	0	0
6/4/2023 23:54	41602 CLEV_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
6/5/2023 0:28	51102 CARL_T1	21	13	-8	0.14	0.12	-0.02	0	0	0	0	0	0	0	0
6/5/2023 0:28	59402 RFLD_T2	0	0	0	0	0	0	-0.81	-0.83	1	1	0	450	450	0
6/5/2023 0:28	47402 PENS_T1	1	1	0	0.9	0.9	0	0	0	0	0	0	0	0	0
6/5/2023 0:28	40501 CRES_T2	0	0	0	0	0	0	0.39	0.38	0	0	0	0	0	0
6/5/2023 0:28	56801 BENV_T1	31	33	2	0.92	1.08	0.16	-2.64	-2.7	3	3	0	1800	1800	0
6/5/2023 0:28	41602 CLEV_T1	0	0	0	0	0	0	0	0	1	1	0	600	600	0
6/5/2023 0:28	45001 LIME_2	19	32	13	0.24	0.36	0.12	0	0	0	0	0	0	0	0
6/5/2023 0:28	64801 MONE_T2	0	0	0	0	0	0	0.28	0.29	0	0	0	0	0	0
6/5/2023 0:28	66703 STRA_T1	5	5	0	0.28	0.24	-0.04	-0.45	-0.49	0	0	0	0	0	0
6/5/2023 0:28	29402 BELT_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
6/5/2023 0:28	15001 BLMO_T1	4	4	0	0.45	0.53	0.08	0	0	0	0	0	0	0	0
6/5/2023 0:28	67204 TEHI_T2	72	86	14	0.17	0.18	0.01	0.03	0.02	0	0	0	0	0	0
6/5/2023 0:28	11104 EGYP_T1	0	0	0	0	0	0	0.41	0.39	0	0	0	0	0	0
6/5/2023 0:28	56802 BENV_T2	1	1	0	1	0.9	-0.1	-2.9	-2.88	0	0	0	0	0	0
6/5/2023 0:28	42802 SELI_T1	0	0	0	0	0	0	-0.12	-0.26	0	0	0	0	0	0
6/5/2023 0:28	46302 ROHR_T1	3	3	0	0.97	1.2	0.23	0.03	0.03	0	0	0	0	0	0
6/5/2023 0:28	67503 WEWI_T2	0	0	0	0	0	0	-0.79	-0.81	0	0	0	0	0	0
6/5/2023 0:28	43202 MVIL_T2	0	0	0	0	0	0	-0.75	-0.76	0	0	0	0	0	0
6/5/2023 0:28	13704 SCHN_T2	0	0	0	0	0	0	-0.43	-0.45	0	0	0	0	0	0
6/5/2023 0:28	55101 WERT_T1	0	0	0	0	0	0	-3.24	-3.27	4	4	0	3000	3000	0
6/5/2023 0:28	66505 SMAN_T2	3	3	0	0.73	0.93	0.2	-0.35	-0.35	1	1	0	900	900	0
6/5/2023 0:28	14403 SSLA_T1	0	0	0	0	0	0	0.62	0.6	0	0	0	0	0	0
6/5/2023 0:28	56501 ROCK_T2	9	9	0	0.33	0.29	-0.04	0	0	0	0	0	0	0	0
6/5/2023 0:28	56801 BENV_T1	31	33	2	0.92	1.08	0.16	-2.64	-2.7	3	3	0	1800	1800	0
6/5/2023 0:28	59101 WALK_T2	0	0	0	0	0	0	3.13	2.81	0	0	0	0	0	0
6/5/2023 0:28	42201 SHEN_T2	1	0	-1	0.1	0	-0.1	0.43	0.43	0	0	0	0	0	0
6/5/2023 0:28	24101 EHAZ_T1	0	0	0	0	0	0	0.03	0.04	1	1	0	600	600	0
6/5/2023 0:28	10805 CHHI_T2	1	1	0	7.7	7.7	0	-1.08	-1.1	0	0	0	0	0	0
6/5/2023 0:28	12701 MACU_T1	0	0	0	0	0	0	0	-0.01	0	0	0	0	0	0
6/5/2023 0:28	28403 HART_T2	0	0	0	0	0	0	-1.38	-1.38	2	2	0	1800	1800	0
6/5/2023 0:28	64101 REFR_T1	0	0	0	0	0	0	0.09	0.04	0	0	0	0	0	0
6/5/2023 0:28	61303 EARL_T1	0	0	0	0	0	0	-0.07	-0.12	0	0	0	0	0	0
6/5/2023 0:41	10602 BLGL_T2	0	0	0	0	0	0	0.11	0.29	0	0	0	0	0	0
6/5/2023 0:46	15001 BLMO_T1	4	4	0	0.53	0.6	0.07	0	0	0	0	0	0	0	0
6/5/2023 0:51	11102 EGYP_T1	0	1	1	0	0	0	0	0	0	0	0	0	0	0
6/5/2023 0:55	60502 NMAN_T2	1	1	0	0.5	0.6	0.1	-0.06	-0.06	0	0	0	0	0	0
6/5/2023 0:58	59101 WALK_T2	0	0	0	0	0	0	0.91	1.09	0	0	0	0	0	0
6/5/2023 1:01	56803 BENV_T1	0	0	0	0	0	0	-0.18	-0.19	0	0	0	0	0	0
6/5/2023 1:01	43202 MVIL_T2	0	0	0	0	0	0	-0.76	-0.77	0	0	0	0	0	0
6/5/2023 1:09	66504 SMAN_T2	0	0	0	0	0	0	-1.26	-1.1	0	0	0	0	0	0
6/5/2023 1:11	67503 WEWI_T2	0	0	0	0	0	0	-0.43	-0.45	0	0	0	0	0	0
6/5/2023 1:12	47402 PENS_T1	0	1	1	0	0.5	0.5	0	0	0	0	0	0	0	0
6/5/2023 1:12	55101 WERT_T1	0	0	0	0	0	0	-1.67	-1.71	2	2	0	1500	1500	0
6/5/2023 1:15	67204 TEHI_T2	10	0	-10	0.12	0	-0.12	0	-0.66	0	0	0	0	0	0
6/5/2023 1:16	28403 HART_T2	0	0	0	0	0	0	-0.71	-0.72	1	1	0	900	900	0
6/5/2023 1:18	28602 BLYT_T2	1	1	0	0.5	0.3	-0.2	0	0	0	0	0	0	0	0
6/5/2023 1:18	56801 BENV_T1	36	36	0	1.18	1.2	0.02	-0.9	-0.91	1	1	0	600	600	0
6/5/2023 1:21	56801 BENV_T1	36	36	0	1.18	1.2	0.02	-0.91	-0.93	1	1	0	600	600	0
6/5/2023 1:23	45003 LIME_2	2	2	0	2.75	2.55	-0.2	0	0	1	1	0	1200	1200	0
6/5/2023 1:23	59101 WALK_T2	0	0	0	0	0	0	1.16	1.06	0	0	0	0	0	0
6/5/2023 1:26	15001 BLMO_T1	4	4	0	0.6	0.73	0.13	0	0	0	0	0	0	0	0
6/5/2023 1:27	16302 ALPA_T2	0	0	0	0	0	0	0.41	0.41	0	0	0	0	0	0
6/5/2023 1:29	64801 MONE_T2	0	0	0	0	0	0	0.28	0.26	0	0	0	0	0	0
6/5/2023 1:31	64101 REFR_T1	0	0	0	0	0	0	0.03	-0.01	0	0	0	0	0	0
6/5/2023 1:34	15001 BLMO_T1	4	4	0	0.73	0.53	-0.2	0	0	0	0	0	0	0	0
6/5/2023 1:35	59101 WALK_T2	0	0	0	0	0	0	1.06	1.01	0	0	0	0	0	0
6/5/2023 1:39	67503 WEWI_T2	0	0	0	0	0	0	-0.44	-0.46	0	0	0	0	0	0
6/5/2023 1:40	66901 SHIL_T2	1	1	0	1.8	1.9	0.1	-1.45	-1.47	1	1	0	1200	1200	0
6/5/2023 1:41	42701 AUGU_T1	1	1	0	1	1	0	0	0	2	2	0	1800	1800	0
6/5/2023 1:42	47402 PENS_T1	1	1	0	0.5	0.7	0.2	0	0	0	0	0	0	0	0
6/5/2023 1:44	29402 BELT_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
6/5/2023 1:55	10805 CHHI_T2	1	1	0	7.6	7.5	-0.1	-1.14	-1.04	0	0	0	0	0	0
6/5/2023 1:56	48301 ORWI_T1	2	2	0	4.5	4.6	0.1	0.46	0.41	0	0	0	0	0	0
6/5/2023 2:06	52403 GRPA_T2	2	2	0	0.1	0.1	0	-0.07	-0.1	0	0	0	0	0	0
6/5/2023 2:06	56801 BENV_T1	38	44	6	1.13	1.26	0.13	-0.94	-0.93	1	1	0	600	600	0
6/5/2023 2:08	42802 SELI_T1	0	0	0	0	0	0	-0.16	-0.18	0	0	0	0	0	0
6/5/2023 2:09	20403 ASHF_T2	0	0	0	0	0	0	0.05	0.08	0	0	0	0	0	0
6/5/2023 2:09	13704 SCHN_T2	0	0	0	0	0	0	-0.46	-0.42	0	0	0	0	0	0
6/5/2023 2:16	65602 QVIL_T2	46	46	0	1.7	1.72	0.02	0	0	0	0	0	0	0	0
6/5/2023 2:17	64301 LINC_T1	0	0	0	0	0	0	0.1	0.1	0	0	0	0	0	0
6/5/2023 2:21	41901 REED_T1	0	0	0	0	0	0	-0.68	-0.69	0	0	0	0	0	0
6/5/2023 2:33	14403 SSLA_T1	0	0	0	0	0	0	0.54	0.52	0	0	0	0	0	0
6/5/2023 2:34	24101 EHAZ_T1	0	0	0	0	0	0	0.67	0.68	0	0	0	0	0	0
6/5/2023 2:37	56801 BENV_T1	38	48	10	1.17	1.14	-0.03	-0.93	-0.94	1	1	0	600	600	0
6/5/2023 2:41	66703 STRA_T1	95	199	104	0.16	0.22	0.06	-0.51	-0.49	0	0	0	0	0	0
6/5/2023 2:45	67204 TEHI_T2	0	0	0	0	0	0	-0.35	-0.35	0	0	0	0	0	0
6/5/2023 2:57	56802 BENV_T2	1	15	14	1.1	0.19	-0.91	-1.52	-1.51	0	0	0	0	0	0
6/5/2023 3:07	59402 RFLD_T2	0	0	0	0	0	0	-0.87	-0.88	1	1	0	450	450	0
6/5/2023 3:42	42802 SELI_T1	0	0	0	0	0	0	-0.18	-0.17	0	0	0	0	0	0
6/5/2023 4:11	12701 MACU_T1	0	0	0	0	0	0	-0.02	-0.03	0	0	0	0	0	0
6/5/2023 4:26	59101 WALK_T2	0	0	0	0	0	0	0.77	0.83	0	0	0	0	0	0
6/5/2023 4:39	57304 MOAL_T2	0	0	0	0	0	0	-0.68	-0.68	0	0	0	0	0	0
6/5/2023 4:42	57304 MOAL_T2	0	0	0	0	0	0	-0.68	-0.68	0	0	0	0	0	0
6/5/2023 4:42	59101 WALK_T2	0	0	0	0	0	0	0.83	1.05	0	0	0	0	0	0
6/5/2023 4:48	46302 ROHR_T1	3	3	0	0.43	0.8	0.37	0	0	0	0	0	0	0	0
6/5/2023 4:59	51102 CARL_T1	3	1	-2	0.13	0.2	0.07	0	0	0	0	0	0	0	0
6/5/2023 4:59	57304 MOAL_T2	0	0	0	0	0	0	-0.68	-0.69	0	0	0	0	0	0
6/5/2023 5:02	56802 BENV_T2	1	1	0	1	1.2	0.2	-1.54	-1.56	0	0	0	0	0	0
6/5/2023 5:04	40902 JESH_T1	0	0	0	0	0	0	-0.48	-0.4	1	1	0	600	600	0
6/5/2023 5:12	56803 BENV_T1	0	0	0	0	0	0	-0.17	-0.17	0	0	0	0	0	0
6/5/2023 5:14	40901 JESH_T1	1	1	0	0.1	0	-0.1	0	0	0	0	0	0	0	0
6/5/2023 5:14	41602 CLEV_T1	1	0	-1	0	0	0	0	0	1	1	0	600	600	0
6/5/2023 5:15	51109 CARL_T1	1	0	-1	5.9	0	-5.9	0	0	0	0	0	0	0	0
6/5/2023 5:18	56801 BENV_T1	32	31	-1	1.19	1.06	-0.13	0	0	0	0	0	0	0	0
6/5/2023 5:18	47401 PENS_T1	0	0	0	0	0	0	0.52	0.63	0	0	0	0	0	0
6/5/2023 5:20	56802 BENV_T2	1	1	0	1.2	0.7	-0.5	-1.51	-1.58	0	0	0	0	0	0
6/5/2023 5:21	40501 CRES_T2	0	0	0	0	0	0	0.39	0.41	0	0	0	0	0	0
6/5/2023 5:21	47403 PENS_T1	1	1	0	2.7	2.3	-0.4	0	0	0	0	0	0	0	0
6/5/2023 5:32	56803 BENV_T1	0	0	0	0	0	0	-0.17	-0.15	0	0	0	0	0	0
6/5/2023 5:32	61303 EARL_T1	0	0	0	0	0	0	-0.09	0.01	0	0	0	0	0	0
6/5/2023 5:36	28403 HART_T2	0	0	0	0	0	0	-0.73	-0.72	1	1	0	900	900	0
6/5/2023 5:37	51107 CARL_T1	0	0	0	0	0	0	-1.2	-1.11	0	0	0	0	0	0
6/5/2023 5:38	47401 PENS_T1	0	0	0	0	0	0	0.53	0.53	0	0	0	0	0	0
6/5/2023 5:46	59101 WALK_T2	0	0	0	0	0	0	1.32	1.42	0	0	0	0	0	0
6/5/2023 5:51	28403 HART_T2	0	0	0	0	0	0	-0.72	-0.71	1	1	0	900	900	0
6/5/2023 5:56	28403 HART_T2	0	0	0	0	0	0	-0.72	-0.71	1	1	0	900	900	0
6/5/2023 6:02	56802 BENV_T2	1	1	0	0.6	0.5	-0.1	-1.54	-1.56	0	0	0	0	0	0
6/5/2023 7:04	40902 JESH_T1	0	0	0	0	0	0	-0.16	-0.17	2	2	0	1200	1200	0
6/5/2023 9:03	59101 WALK_T2	1	0	-1	0.2	0	-0.2	2.07	2.05	0	0	0	0	0	0
6/5/2023 9:19	64702 LITI_T2	0	6	6	0	0.1	0.1	-0.61	-0.64	0	0	0	0	0	0
6/5/2023 9:51	13701 SCHN_T2	1	3	2	0.1	0.13	0.03	0	0	0	0	0	0	0	0
6/5/2023 9:56	13701 SCHN_T2	1	3	2	0.1	0.13	0.03	0	0	0	0	0	0	0	0
6/5/2023 10:00	65503 MOJO_T2	0	0	0	0	0	0	-0.61	-0.59	1	1	0	900	900	0
6/5/2023 10:00	67503 WEWI_T2	0	0	0	0	0	0	-0.54	-0.38	0	0	0	0	0	0
6/5/2023 10:00	46506 LOHA_T1	0	0	0	0	0	0	-0.82	-0.8	0	0	0	0	0	0
6/5/2023 10:00	60801 BUCK_T1	167	162	-5	0.47	0.42	-0.05	0	0	0	0	0	0	0	0
6/5/2023 10:00	67604 WARW_T1	0	0	0	0	0	0	0.61	0.66	0	0	0	0	0	0
6/5/2023 10:00	55101 WERT_T1	0	0	0	0	0	0	-1.52	-1.56	3	3	0	2400	2400	0
6/5/2023 10:00	59101 WALK_T2	0	1	1	0	0.1	0.1	9.63	6.76	4	4	0	2400	2400	0
6/5/2023 10:00	20401 ASHF_T2	19	1	-18	0.27	0.7	0.43	0	0	0	0	0	0	0	0
6/5/2023 10:00	47401 PENS_T1	0	0	0	0	0	0	3.27	3.6	0	0	0	0	0	0
6/5/2023 10:00	41602 CLEV_T1	0	0	0	0	0	0	0	0	1	1	0	600	600	0
6/5/2023 10:00	48301 ORWI_T1	2	2	0	4.85	4.9	0.05	-0.04	-0.12	0	0	0	0	0	0
6/5/2023 10:00	16302 ALPA_T2	0	0	0	0	0	0	0.78	0.71	0	0	0	0	0	0
6/5/2023 10:00	14401 SSLA_T1	0	1	1	0	0.4	0.4	0	0	0	0	0	0	0	0
6/5/2

6/5/2023 10:00	45003 LIME_2	1	1	0	2.4	2.4	0	0	0	1	1	0	1200	1200	0
6/5/2023 10:04	47401 PENS_T1	0	0	0	0	0	0	1.2	1.06	0	0	0	0	0	0
6/5/2023 10:07	46504 LOHA_T1	1	2	1	0.7	1.05	0.35	0	0	0	0	0	0	0	0
6/5/2023 10:08	55101 WERT_T1	0	0	0	0	0	0	-1.56	-1.45	3	3	0	2400	2400	0
6/5/2023 10:11	66502 SMAN_T2	1	1	0	0.3	0.5	0.2	0	0	0	0	0	0	0	0
6/5/2023 10:12	42201 SHEN_T2	0	0	0	0	0	0	0.53	0.56	0	0	0	0	0	0
6/5/2023 10:13	61303 EARL_T1	0	0	0	0	0	0	0.98	1.02	0	0	0	0	0	0
6/5/2023 10:14	53501 EVIL_T2	1	4	3	0.6	0.3	-0.3	0.18	0.22	1	1	0	600	600	0
6/5/2023 10:16	56802 BENV_T2	4	5	1	0.45	0.3	-0.15	-0.67	-0.62	0	0	0	0	0	0
6/5/2023 10:21	66504 SMAN_T2	1	2	1	0.1	0.2	0.1	-0.32	-0.4	0	0	0	0	0	0
6/5/2023 10:28	15001 BLMO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
6/5/2023 10:29	56801 BENV_T1	35	31	-4	0.8	0.72	-0.08	0	0	0	0	0	0	0	0
6/5/2023 10:33	67502 WEWI_T2	4	7	3	0.33	0.31	-0.02	0	0	0	0	0	0	0	0
6/5/2023 10:35	67204 TEHI_T2	1	1	0	0.3	0.2	-0.1	-0.05	-0.01	0	0	0	0	0	0
6/5/2023 10:36	66901 SHIL_T2	0	0	0	0	0	0	-0.93	-0.92	1	1	0	1200	1200	0
6/5/2023 10:37	15001 BLMO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
6/5/2023 10:39	57306 MOAL_T2	0	4	4	0	7.33	7.33	0	0	0	0	0	0	0	0
6/5/2023 10:39	42802 SELI_T1	0	0	0	0	0	0	-0.66	-0.64	1	1	0	900	900	0
6/5/2023 10:54	42002 MNVL_T2	1	1	0	5	4.9	-0.1	0	0	0	0	0	0	0	0
6/5/2023 10:55	12701 MACU_T1	0	0	0	0	0	0	0.1	0.1	0	0	0	0	0	0
6/5/2023 11:08	55101 WERT_T1	0	0	0	0	0	0	-1.28	-1.36	3	3	0	2400	2400	0
6/5/2023 11:10	40901 JESH_T1	1	1	0	0.1	0.2	0.1	0	0	0	0	0	0	0	0
6/5/2023 11:11	59101 WALK_T2	1	2	1	0.5	0.9	0.4	1.82	1.65	1	1	0	600	600	0
6/5/2023 11:13	42802 SELI_T1	0	0	0	0	0	0	-0.62	-0.65	1	1	0	900	900	0
6/5/2023 11:14	40902 JESH_T1	0	0	0	0	0	0	-0.82	-0.71	2	2	0	1200	1200	0
6/5/2023 11:17	55101 WERT_T1	0	0	0	0	0	0	-1.28	-1.36	3	3	0	2400	2400	0
6/5/2023 11:26	42701 AUGU_T1	0	0	0	0	0	0	0	0	2	2	0	1800	1800	0
6/5/2023 11:28	44802 EDAN_T2	0	0	0	0	0	0	-1.51	-1.54	1	1	0	1200	1200	0
6/5/2023 11:29	52004 LING_T2	0	1	1	0	1	1	0.44	0.44	0	0	0	0	0	0
6/5/2023 11:30	67502 WEWI_T2	1	7	6	0.7	0.39	-0.31	0	0	0	0	0	0	0	0
6/5/2023 11:30	53501 EVIL_T2	1	4	3	0.3	0.63	0.33	0.19	0.23	1	1	0	600	600	0
6/5/2023 11:33	44802 EDAN_T2	0	0	0	0	0	0	-1.51	-1.54	1	1	0	1200	1200	0
6/5/2023 11:35	47901 HRDG_T1	1	1	0	0	0	0	1.8	1.74	0	0	0	0	0	0
6/5/2023 11:40	64801 MONE_T2	1	4	3	0.3	0.23	-0.07	0.32	0.37	0	0	0	0	0	0
6/5/2023 11:40	52004 LING_T2	1	1	0	0.9	1	0.1	0.44	0.44	0	0	0	0	0	0
6/5/2023 11:41	40901 JESH_T1	1	1	0	0.4	0.6	0.2	0	0	0	0	0	0	0	0
6/5/2023 11:41	42701 AUGU_T1	0	0	0	0	0	0	0	0	2	2	0	1800	1800	0
6/5/2023 11:42	40502 CRES_T2	4	7	3	0.38	0.6	0.22	0	0.01	0	0	0	0	0	0
6/5/2023 11:43	40502 CRES_T2	4	7	3	0.38	0.6	0.22	0	0.01	0	0	0	0	0	0
6/5/2023 11:49	67503 WEWI_T2	1	1	0	0.1	0.2	0.1	-0.11	-0.01	0	0	0	0	0	0
6/5/2023 11:52	14402 SSLA_T1	5	5	0	0.4	0.54	0.14	0	0	0	0	0	0	0	0
6/5/2023 11:54	64802 MONE_T2	6	8	2	0.67	0.55	-0.12	0	0	0	0	0	0	0	0
6/5/2023 11:55	28403 HART_T2	0	0	0	0	0	0	-0.6	-0.63	1	1	0	900	900	0
6/5/2023 12:00	28403 HART_T2	0	0	0	0	0	0	-0.6	-0.63	1	1	0	900	900	0
6/5/2023 12:06	29401 BELT_T1	1	1	0	0.1	0.2	0.1	0	0	0	0	0	0	0	0
6/5/2023 12:06	14404 SSLA_T1	2	3	1	0.5	0.43	-0.07	0	0	0	0	0	0	0	0
6/5/2023 12:09	29402 BELT_T1	4	2	-2	0.35	0.15	-0.2	0	0	0	0	0	0	0	0
6/5/2023 12:10	10805 CHHI_T2	1	1	0	8.1	7.7	-0.4	-1.35	-1.4	2	2	0	1800	1800	0
6/5/2023 12:13	15001 BLMO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
6/5/2023 12:14	48901 FOSP_T2	0	0	0	0	0	0	0.07	0.1	1	1	0	600	600	0
6/5/2023 12:21	67502 WEWI_T2	1	8	7	0.8	0.26	-0.54	-0.16	0.06	0	0	0	0	0	0
6/5/2023 12:26	15001 BLMO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
6/5/2023 12:41	15001 BLMO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
6/5/2023 12:46	42701 AUGU_T1	0	0	0	0	0	0	0	0	2	2	0	1800	1800	0
6/5/2023 13:06	28403 HART_T2	0	0	0	0	0	0	-0.6	-0.56	1	1	0	900	900	0
6/5/2023 13:35	28403 HART_T2	0	0	0	0	0	0	-0.58	-0.59	1	1	0	900	900	0
6/5/2023 13:49	60101 COCA_T1	1	1	0	0.6	0.7	0.1	0.57	0.6	0	0	0	0	0	0
6/5/2023 14:20	46506 LOHA_T1	1	1	0	0.5	0.7	0.2	-0.4	-0.38	0	0	0	0	0	0
6/5/2023 14:23	20403 ASHF_T2	0	2	2	0	0.4	0.4	1.38	1.45	0	0	0	0	0	0
6/5/2023 14:24	28604 BLYT_T2	0	0	0	0	0	0	-1.25	-1.23	0	0	0	0	0	0
6/5/2023 14:27	41901 REED_T1	0	1	1	0	0.1	0.1	-1.18	-1.22	1	1	0	900	900	0
6/5/2023 14:27	41801 GOCI_T2	4	3	-1	0.6	0.67	0.07	0	0	0	0	0	0	0	0
6/5/2023 14:29	40502 CRES_T2	0	0	0	0	0	0	0.2	0.22	0	0	0	0	0	0
6/5/2023 14:36	28604 BLYT_T2	0	0	0	0	0	0	-1.23	-1.24	0	0	0	0	0	0
6/5/2023 14:40	55101 WERT_T1	0	0	0	0	0	0	-1.8	-1.81	4	4	0	3300	3300	0
6/5/2023 14:41	20403 ASHF_T2	2	2	0	0.4	0.25	-0.15	1.45	1.2	0	0	0	0	0	0
6/5/2023 14:43	66902 SHIL_T2	0	1	1	0	0.1	0.1	0	0	0	0	0	0	0	0
6/5/2023 15:02	56802 BENV_T2	7	34	27	0.6	0.25	-0.35	-1.13	-1.07	0	0	0	0	0	0
6/5/2023 15:12	58402 MORO_T1	0	0	0	0	0	0	-1.84	-1.75	3	3	0	2400	2400	0
6/5/2023 15:17	66505 SMAN_T2	0	0	0	0	0	0	0.43	0.43	3	3	0	1700	2100	400
6/5/2023 15:25	56802 BENV_T2	34	6	-28	0.25	0.48	0.23	-1.07	-1.09	0	0	0	0	0	0
6/5/2023 15:25	15001 BLMO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
6/5/2023 15:25	59101 WALK_T2	2	3	1	0.15	0.3	0.15	1.65	1.48	1	1	0	600	600	0
6/5/2023 15:28	64301 LINC_T1	0	0	0	0	0	0	0.38	0.33	1	1	0	600	600	0
6/5/2023 15:31	46506 LOHA_T1	1	1	0	0.9	0.8	-0.1	-0.41	-0.38	0	0	0	0	0	0
6/5/2023 15:31	65604 QVIL_T2	0	0	0	0	0	0	0.13	0.12	0	0	0	0	0	0
6/5/2023 15:33	65604 QVIL_T2	0	0	0	0	0	0	0.13	0.12	0	0	0	0	0	0
6/5/2023 15:33	11104 EGYP_T1	5	4	-1	0.18	0.1	-0.08	0.91	0.9	0	0	0	0	0	0
6/5/2023 15:34	56802 BENV_T2	6	4	-2	0.48	0.53	0.05	-1.09	-1.03	0	0	0	0	0	0
6/5/2023 15:35	15001 BLMO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
6/5/2023 15:38	60502 NMAN_T2	0	0	0	0	0	0	0.09	0.15	0	0	0	0	0	0
6/5/2023 15:39	11104 EGYP_T1	5	4	-1	0.18	0.1	-0.08	0.9	0.92	0	0	0	0	0	0
6/5/2023 15:39	65604 QVIL_T2	0	0	0	0	0	0	0.12	0.11	0	0	0	0	0	0
6/5/2023 15:41	64301 LINC_T1	0	0	0	0	0	0	0.33	0.35	1	1	0	600	600	0
6/5/2023 15:42	42701 AUGU_T1	0	0	0	0	0	0	0	0	2	2	0	1800	1800	0
6/5/2023 15:44	42701 AUGU_T1	0	0	0	0	0	0	0	0	2	2	0	1800	1800	0
6/5/2023 15:46	56802 BENV_T2	1	10	9	1.6	0.32	-1.28	-1.09	-1.03	0	0	0	0	0	0
6/5/2023 15:46	60803 BUCK_T1	0	0	0	0	0	0	-1.14	-1.2	1	1	0	600	600	0
6/5/2023 15:52	60502 NMAN_T2	0	0	0	0	0	0	0.15	0.06	0	0	0	0	0	0
6/5/2023 15:54	15001 BLMO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
6/5/2023 16:01	66505 SMAN_T2	0	0	0	0	0	0	0.56	0.56	2	2	0	1500	1500	0
6/5/2023 16:06	60801 BUCK_T1	49	59	10	0.33	0.35	0.02	0	0	0	0	0	0	0	0
6/5/2023 16:08	59101 WALK_T2	2	1	-1	0.55	0.3	-0.25	1.48	2	1	0	-1	600	0	-600
6/5/2023 16:08	46001 BERW_T1	0	0	0	0	0	0	1.26	1.21	0	0	0	0	0	0
6/5/2023 16:12	12701 MACU_T1	0	0	0	0	0	0	0.18	0.19	0	0	0	0	0	0
6/5/2023 16:14	43201 MVIL_T2	1	0	-1	0.1	0	-0.1	0	0	0	0	0	0	0	0
6/5/2023 16:15	66505 SMAN_T2	0	0	0	0	0	0	0.56	0.49	2	2	0	1500	1500	0
6/5/2023 16:18	60501 NMAN_T2	3	3	0	4.5	4.4	-0.1	0	0	0	0	0	0	0	0
6/5/2023 16:26	15001 BLMO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
6/5/2023 16:27	56803 BENV_T1	0	1	1	0	0	0	0	0	0	0	0	0	0	0
6/5/2023 16:28	55101 WERT_T1	0	0	0	0	0	0	-1.89	-1.96	4	4	0	3300	3300	0
6/5/2023 16:31	15001 BLMO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
6/5/2023 16:33	61202 REIN_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
6/5/2023 16:34	59101 WALK_T2	0	1	1	0	0.2	0.2	1.42	1.27	0	0	0	0	0	0
6/5/2023 16:38	52404 GRPA_T2	1	1	0	0.1	0.1	0	0	0	0	0	0	0	0	0
6/5/2023 16:38	61202 REIN_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
6/5/2023 16:38	28604 BLYT_T2	0	0	0	0	0	0	-1.2	-1.19	0	0	0	0	0	0
6/5/2023 16:40	64801 MONE_T2	0	0	0	0	0	0	0.46	0.47	0	0	0	0	0	0
6/5/2023 16:42	56801 BENV_T1	8	8	0	0.29	0.24	-0.05	-0.55	-0.57	1	1	0	600	600	0
6/5/2023 16:43	48302 ORWI_T2	2	2	0	1.3	1.45	0.15	-0.01	-0.03	0	0	0	0	0	0
6/5/2023 16:44	28604 BLYT_T2	0	0	0	0	0	0	-1.2	-1.19	0	0	0	0	0	0
6/5/2023 16:50	67503 WEWI_T2	0	0	0	0	0	0	0.09	0.09	0	0	0	0	0	0
6/5/2023 16:52	59101 WALK_T2	1	2	1	0.2	0.2	0	1.27	1.34	0	0	0	0	0	0
6/5/2023 16:52	52004 LING_T2	1	0	-1	0.1	0	-0.1	0.21	0.22	0	0	0	0	0	0
6/5/2023 16:53	60101 COCA_T1	0	0	0	0	0	0	0.54	0.51	0	0	0	0	0	0
6/5/2023 16:53	42802 SELI_T1	0	0	0	0	0	0	-1.01	-0.98	0	0	0	0	0	0
6/5/2023 16:54	52402 GRPA_T2	3	3	0	0.3	0.33	0.03	0	0	0	0	0	0	0	0
6/5/2023 16:55	40502 CRES_T2	0	1	1	0	0.1	0.1	0.21	0.21	0	0	0	0	0	0
6/5/2023 16:55	42802 SELI_T1	0	0	0	0	0	0	-1.01	-0.98	0	0	0	0	0	0
6/5/2023 16:55	16302 ALPA_T2	0	0	0	0	0	0	-0.3	-0.34	0	0	0	0	0	0
6/5/2023 16:58	40502 CRES_T2	0	1	1	0	0.1	0.1	0.21	0.21	0	0	0	0	0	0
6/5/2023 16:58	61202 REIN_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
6/5/2023 16:59	56803 BENV_T1	1	1	0	0.2	0	-0.2	0	0	0	0	0	0	0	0
6/5/2023 16:59	55101 WERT_T1	0	0	0	0	0	0	-2.04	-2.13	4	4	0	3300	3300	0
6/5/2023 17:01	46506 LOHA_T1	1	1	0	0.6	0.7	0.1	-0.37	-0.37	0	0	0	0	0	0
6/5/2023 17:02	12202 FOGE_T2	2	2	0	1.35	0.95	-0.4	-0.29	-0.28	1	1	0	600	600	0
6/5/2023 17:04	29402 BELT_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
6/5/2023 17:05	56801 BENV_T1	4	2	-2	0.28	0.4	0.12	-0.57	-0.57	1	1	0	600	600	0
6/5/2023 17:05	53501 EVIL_T2	4	1	-3	0.38	0.3	-0.08	-0.21	-0.23	1	1	0	600	600	0
6/5/2023 17:06	52402 GRPA_T2	3	3	0	0.2	0.33	0.13	0	0	0	0	0	0	0	0
6/5/2023 17:08	60101 COCA_T1	0	1	1	0	0	0	0.51	0.57	0	0	0	0	0	0
6/5/2023 17:13	46506 LOHA_T1	1	1	0	0.6	0.7	0.1	-0.37	-0.39	0	0	0	0	0	0
6/5/2023 17:14	42701 AUGU_T1	0	0	0	0	0	0	0	0	2	2	0	1800	1800	0
6/5/2023 17:15	56801 BENV_T1	2	1	-1	0.4	0.4	0	-0.57	-0.57	1	1	0	600	600	0
6/5/2023 17:16	56801 BENV_T1	2	1	-1	0.4	0.4	0	-0.57	-0.57	1	1	0	600	600	0
6/5/2023 17:18	42701 AUGU_T1	0	0	0	0	0	0	0	0	2	2	0	1800	1800	0
6/5/2023 17:18	52402 GRPA_T2	3	3	0	0.33	0.17	-0.16	0	0	0	0	0	0	0	0
6/5/2023 17:23	20403 ASHF_T2	0	4	4	0	0	0	0.4	0.38	0	0	0	0	0	0
6/5/2023 17:23	40502 CRES_T2	1	0	-1	0.1	0	-0.1	0.26	0.2	0	0	0	0	0	0
6/5/2023 17:25	53601 DALM_T2	1	1	0	0	0.5	0.5	-0.13	-0.05	0	0	0	0	0	0
6/5/2023 17:25	56801 BENV_T1	2	1	-1	0.4	0.4	0	-0.57	-0.54	1	1	0	600	600	0
6/5/2023 17:28	41601 CLEV_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
6/5/2023 17:28	41801 GOCI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
6/5/2023 17:28	64301 LINC_T1	0	0	0	0	0	0	0.1	0.01	1	1	0	600	600	0
6/5/2023 17:31	65604 QVIL_T2	1	0	-1	0.1	0	-0.1	0.11	0.12	0	0	0	0	0	0
6/5/2023 17:32	47401 PENS_T1	0	0	0	0	0	0	1.09	1.12	0	0	0	0	0	0
6/5/2023 17:32	42701 AUGU_T1	0	0	0	0	0	0	0	0	2	2	0	1800	1800	0
6/5/2023 17:32	14403 SSLA_T1	0	0	0	0	0	0	1.12	1.08	0	0	0	0	0	0
6/5/2023 17:34	66505 SMAN_T2	0	0	0	0	0	0	0.45	0.39	2	2	0	1500	1500	0
6/5/2023 17:36	20602 GRWO_T2	5	17	12	0.1	0.16	0.06	0	0	0	0	0	0	0	0
6/5/2023 17:46	24102 EHAZ_T1	1	1	0	0.4	0.5	0.1	0	0	0	0	0	0	0	0
6/5/2023 17:50	63401 HONY_T1	0	0	0	0	0	0	0.82	0.9	0	0	0	0	0	0
6/5/2023 18:11	15001 BLMO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
6/5/2023 18:16	52403 GRPA_T2	0	0	0	0	0	0	0.32	0.3	0	0	0	0	0	0
6/5/2023 18:17	15001 BLMO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
6/5/2023 18:21	61701 ELIZ_T1	1	1	0	3.5	3.7	0.2	1.87	1.61	0	0	0	0	0	0
6/5/2023 18:25	60801 BUCK_T1	70	94	24	0.57	0.54	-0.03	-0.26	-0.28	0	0	0	0	0	0
6/5/2023 18:26	52402 GRPA_T2	3	3	0	0.33	0.47	0.14	0	0	0	0	0	0	0	0
6/5/2023 18:30	15001 BLMO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
6/5/2023 18:53	42802 SELI_T1	0	0	0	0	0	0	-1.1	-1.07	0	0	0	0	0	0
6/5/2023 20:08	59301 MCAL_T1	2	5	3	1.3	0.66	-0.64	-1.74	-1.72	1	1	0	600	600	0
6/5/2023 20:18	42701 AUGU_T1	0	1	1	0	0.6	0.6	0	0	2	2	0	1800	1800	0
6/5/2023 20:27	41602 CLEV_T1	0	0	0	0	0	0	0	0	1	0	-1	600	0	-600
6/5/2023 20:31	42802 SELI_T1	1	1	0	0.1	0.9	0.8	-1.18	-1.18	0	0	0	0	0	0
6/5/2023 20:32	40502 CRES_T2	15	5	-10	0.17	0.16	-0.01	0.09	0.11	0	0	0	0	0	0
6/5/2023 20:43	48901 FOSP_T2	0	0	0	0	0	0	-0.38	-0.4	1	1	0	600	600	0
6/5/2023 20:54	42902 MIDD_T2	0	0	0	0	0	0	-0.29	-0.33	0	0	0	0	0	0
6/5/2023 20:58	12701 MACU_T1	0	1	1	0	0	0	0.12	0.13	0	0	0	0	0	0
6/5/2023 21:03	60101 COCA_T1	0	0	0	0	0	0	0.37	0.36	0	0	0	0	0	0
6/5/2023 21:07	56802 BENV_T2	1	1	0	1.1	1.4	0.3	-0.55	-0.55	0	0	0	0	0	0
6/5/2023 21:08	63401 HONY_T1	0	0	0	0	0	0	0.8	0.75	0	0	0	0	0	0
6/5/2023 21:10	63404 HONY_T1	2	2	0	8.75	8.55	-0.2	0	0	0	0	0	0	0	0
6/5/2023 21:14	67503 WEWI_T2	0	0	0	0	0	0	0.02	-0.05	0	0	0	0	0	0
6/5/2023 21:37	60502 NMAN_T2	0	0	0	0	0	0	0.39	0.37	0	0	0	0	0	0
6/5/2023 21:58	55101 WERT_T1	0	0	0	0	0	0	-0.73	-1.59	2	1	-1	1800	900	-900
6/5/2023 22:00	64202 KINZ_T1	3	3	0	0.47	0.63	0.16	0	0	0	0	0	0	0	0
6/5/2023 22:01	46501 LOHA_T1	1	1	0	0.4	0.3	-0.1	0	0	0	0	0	0	0	0
6/5/2023 22:04	60801 BUCK_T1	166	181	15	0.7	0.84	0.14	0	0	0	0	0	0	0	0
6/5/2023 22:29	15001 BLMO_T1	0	0	0	0	0	0

6/5/2023 23:16	42701 AUGU_T1	1	1	0	0.7	0.9	0.2	0	0	2	2	0	1800	1800	0
6/5/2023 23:19	44802 EDAN_T2	0	0	0	0	0	0	-1.76	-1.88	1	1	0	1200	1200	0
6/5/2023 23:23	11104 EGYP_T1	0	0	0	0	0	0	0.56	0.51	0	0	0	0	0	0
6/5/2023 23:24	64801 MONE_T2	0	0	0	0	0	0	0.29	0.28	0	0	0	0	0	0
6/5/2023 23:27	47901 HRDG_T1	0	0	0	0	0	0	1.13	1.33	0	0	0	0	0	0
6/5/2023 23:28	52006 LING_T2	3	3	0	0.33	0.47	0.14	0	0	0	0	0	0	0	0
6/5/2023 23:31	67503 WEWI_T2	0	0	0	0	0	0	-0.34	-0.37	0	0	0	0	0	0
6/5/2023 23:31	41601 CLEV_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
6/5/2023 23:33	67503 WEWI_T2	0	0	0	0	0	0	-0.34	-0.37	0	0	0	0	0	0
6/5/2023 23:33	40502 CRES_T2	8	26	18	0.24	0.31	0.07	0.56	0.54	0	0	0	0	0	0
6/5/2023 23:33	44802 EDAN_T2	0	0	0	0	0	0	-1.76	-1.88	1	1	0	1200	1200	0
6/5/2023 23:34	40502 CRES_T2	8	26	18	0.24	0.31	0.07	1.08	1.08	0	0	0	0	0	0
6/5/2023 23:37	61202 REIN_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
6/5/2023 23:42	24105 EHAZ_T1	4	4	0	6.08	5.9	-0.18	0	0	0	0	0	0	0	0
6/5/2023 23:42	40501 CRES_T2	1	2	1	0.1	0.1	0	0	0	0	0	0	0	0	0
6/5/2023 23:42	12202 FOGE_T2	0	0	0	0	0	0	-0.63	-0.62	1	1	0	600	600	0
6/5/2023 23:47	28403 HART_T2	0	1	1	0	0	0	-0.69	-0.68	1	1	0	900	900	0
6/5/2023 23:50	20602 GRWO_T2	359	450	91	0.29	0.31	0.02	0	0	0	0	0	0	0	0
6/5/2023 23:50	40502 CRES_T2	21	26	5	0.24	0.31	0.07	0.54	0.51	0	0	0	0	0	0
6/5/2023 23:50	16302 ALPA_T2	0	0	0	0	0	0	0.55	0.57	0	0	0	0	0	0
6/5/2023 23:51	14403 SSLA_T1	0	0	0	0	0	0	0.68	0.62	0	0	0	0	0	0
6/5/2023 23:51	63404 HONY_T1	2	2	0	9.05	9.1	0.05	0	0	0	0	0	0	0	0
6/5/2023 23:55	47403 PENS_T1	0	1	1	0	2.3	2.3	0	0	0	0	0	0	0	0
6/5/2023 23:57	29402 BELT_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
6/5/2023 23:57	42902 MIDD_T2	4	8	4	0.5	0.38	-0.12	-0.47	-0.47	0	0	0	0	0	0
6/6/2023 0:04	67502 WEWI_T2	0	0	0	0	0	0	-0.64	-0.66	0	0	0	0	0	0
6/6/2023 0:08	10805 CHHI_T2	1	1	0	8.3	8.3	0	-0.81	-0.87	0	0	0	0	0	0
6/6/2023 0:08	41602 CLEV_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
6/6/2023 0:28	15001 BLMO_T1	0	3	3	0	0.2	0.2	0	0	0	0	0	0	0	0
6/6/2023 0:28	40902 JESH_T1	0	0	0	0	0	0	-0.53	-0.53	1	1	0	600	600	0
6/6/2023 0:28	56801 BENV_T1	27	32	5	0.97	1.37	0.4	-0.91	-0.92	1	1	0	600	600	0
6/6/2023 0:28	40501 CRES_T2	0	0	0	0	0	0	0.41	0.38	0	0	0	0	0	0
6/6/2023 0:28	58402 MORO_T1	0	0	0	0	0	0	-0.47	-0.49	1	1	0	600	600	0
6/6/2023 0:28	47401 PENS_T1	0	5	5	0	0.16	0.16	0.63	0.66	0	0	0	0	0	0
6/6/2023 0:28	66703 STRA_T1	0	0	0	0	0	0	-0.45	-0.49	0	0	0	0	0	0
6/6/2023 0:28	67502 WEWI_T2	0	0	0	0	0	0	-0.66	-0.62	0	0	0	0	0	0
6/6/2023 0:28	40502 CRES_T2	0	0	0	0	0	0	2.76	2.7	0	0	0	0	0	0
6/6/2023 0:28	41601 CLEV_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
6/6/2023 0:28	56802 BENV_T2	1	1	0	0.5	0.9	0.4	-2.96	-2.94	0	0	0	0	0	0
6/6/2023 0:28	53501 EVIL_T2	21	20	-1	1.2	1.55	0.35	-0.79	-0.78	0	0	0	0	0	0
6/6/2023 0:28	55101 WERT_T1	0	0	0	0	0	0	-1.58	-1.54	2	2	0	1500	1500	0
6/6/2023 0:28	28403 HART_T2	0	0	0	0	0	0	-0.69	-0.71	1	1	0	900	900	0
6/6/2023 0:28	42903 MIDD_T2	2	2	0	0.65	0.8	0.15	0	0	0	0	0	0	0	0
6/6/2023 0:28	24101 EHAZ_T1	0	0	0	0	0	0	0.16	0.19	1	1	0	600	600	0
6/6/2023 0:28	44802 EDAN_T2	0	0	0	0	0	0	-3.74	-3.72	2	2	0	2400	2400	0
6/6/2023 0:28	53601 DALM_T2	1	1	0	1.3	1.6	0.3	0.6	0.59	0	0	0	0	0	0
6/6/2023 0:28	61202 REIN_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
6/6/2023 0:28	52404 GRPA_T2	1	1	0	0.1	0.3	0.2	0	0	0	0	0	0	0	0
6/6/2023 0:28	67503 WEWI_T2	0	0	0	0	0	0	-0.79	-0.85	0	0	0	0	0	0
6/6/2023 0:28	16302 ALPA_T2	0	0	0	0	0	0	0.59	0.55	0	0	0	0	0	0
6/6/2023 0:28	60101 COCA_T1	0	0	0	0	0	0	0.13	0.13	0	0	0	0	0	0
6/6/2023 0:28	41601 CLEV_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
6/6/2023 0:28	10805 CHHI_T2	1	1	0	8.4	8.3	-0.1	-0.87	-0.88	0	0	0	0	0	0
6/6/2023 0:28	64202 KINZ_T1	3	3	0	0.47	0.7	0.23	0	0	0	0	0	0	0	0
6/6/2023 0:28	42701 AUGU_T1	1	1	0	1	0.6	-0.4	0	0	2	2	0	1200	1200	0
6/6/2023 0:28	12202 FOGE_T2	1	2	1	0.1	0.4	0.3	-0.67	-0.67	1	1	0	600	600	0
6/6/2023 0:28	46506 LOHA_T1	0	0	0	0	0	0	-1	-0.98	0	0	0	0	0	0
6/6/2023 0:28	29402 BELT_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
6/6/2023 0:28	14403 SSLA_T1	0	0	0	0	0	0	0.61	0.62	0	0	0	0	0	0
6/6/2023 0:28	59101 WALK_T2	0	0	0	0	0	0	1.16	1.06	0	0	0	0	0	0
6/6/2023 0:28	48901 FOSP_T2	0	0	0	0	0	0	-0.48	-0.48	1	1	0	600	600	0
6/6/2023 0:28	63401 HONY_T1	0	0	0	0	0	0	0.63	0.64	0	0	0	0	0	0
6/6/2023 0:28	47901 HRDG_T1	0	0	0	0	0	0	1.18	1.24	0	0	0	0	0	0
6/6/2023 0:28	48302 ORWI_T2	2	2	0	1.7	1.6	-0.1	-0.39	-0.4	0	0	0	0	0	0
6/6/2023 0:28	42802 SELI_T1	1	0	-1	1.3	0	-1.3	-0.3	-0.3	0	0	0	0	0	0
6/6/2023 0:29	28602 BLYT_T2	1	1	0	0.3	0.6	0.3	0	0	0	0	0	0	0	0
6/6/2023 0:30	16302 ALPA_T2	0	0	0	0	0	0	0.59	0.55	0	0	0	0	0	0
6/6/2023 0:33	67503 WEWI_T2	0	0	0	0	0	0	-0.4	-0.43	0	0	0	0	0	0
6/6/2023 0:34	40502 CRES_T2	0	0	0	0	0	0	0.45	0.44	0	0	0	0	0	0
6/6/2023 0:37	29402 BELT_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
6/6/2023 0:37	61202 REIN_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
6/6/2023 0:39	44802 EDAN_T2	0	0	0	0	0	0	-1.86	-1.88	1	1	0	1200	1200	0
6/6/2023 0:42	40502 CRES_T2	0	0	0	0	0	0	0.45	0.44	0	0	0	0	0	0
6/6/2023 0:42	12202 FOGE_T2	2	2	0	0.4	0.45	0.05	-0.67	-0.72	1	1	0	600	600	0
6/6/2023 0:50	15001 BLMO_T1	3	3	0	0.2	0.3	0.1	0	0	0	0	0	0	0	0
6/6/2023 0:53	44802 EDAN_T2	0	0	0	0	0	0	-1.88	-1.89	1	1	0	1200	1200	0
6/6/2023 0:53	40502 CRES_T2	0	0	0	0	0	0	0.44	0.44	0	0	0	0	0	0
6/6/2023 0:59	52401 GRPA_T2	1	1	0	0.2	0.4	0.2	0	0	0	0	0	0	0	0
6/6/2023 1:02	20403 ASHF_T2	0	1	1	0	0	0	-0.05	-0.07	0	0	0	0	0	0
6/6/2023 1:04	42802 SELI_T1	0	0	0	0	0	0	-0.11	-0.13	0	0	0	0	0	0
6/6/2023 1:07	66901 SHIL_T2	0	1	1	0	0	0	1.31	1.34	1	1	0	1200	1200	0
6/6/2023 1:08	53501 EVIL_T2	20	52	32	1.42	0.78	-0.64	-0.79	-0.8	0	0	0	0	0	0
6/6/2023 1:09	65604 QVIL_T2	37	89	52	0.21	0.33	0.12	-0.18	-0.16	0	0	0	0	0	0
6/6/2023 1:09	41801 GOCI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
6/6/2023 1:11	14403 SSLA_T1	0	0	0	0	0	0	0.57	0.56	0	0	0	0	0	0
6/6/2023 1:14	60101 COCA_T1	0	1	1	0	0.5	0.5	0.12	0.09	0	0	0	0	0	0
6/6/2023 1:15	47402 PENS_T1	1	1	0	0.8	0.8	0	0	0	0	0	0	0	0	0
6/6/2023 1:16	41901 REED_T1	0	0	0	0	0	0	-0.45	-0.44	0	0	0	0	0	0
6/6/2023 1:22	24105 EHAZ_T1	4	4	0	6.45	6.2	-0.25	0	0	0	0	0	0	0	0
6/6/2023 1:25	40502 CRES_T2	0	0	0	0	0	0	0.44	0.42	0	0	0	0	0	0
6/6/2023 1:32	59101 WALK_T2	0	0	0	0	0	0	0.9	0.9	0	0	0	0	0	0
6/6/2023 1:35	66703 STRA_T1	5	6	1	0.22	0.33	0.11	-0.5	-0.48	0	0	0	0	0	0
6/6/2023 1:38	65604 QVIL_T2	88	98	10	0.33	0.57	0.24	-0.17	-0.16	0	0	0	0	0	0
6/6/2023 2:00	53501 EVIL_T2	21	20	-1	1.67	1.48	-0.19	-0.79	-0.81	0	0	0	0	0	0
6/6/2023 2:04	67502 WEWI_T2	0	0	0	0	0	0	-0.69	-0.68	0	0	0	0	0	0
6/6/2023 2:05	52401 GRPA_T2	1	1	0	0.6	0.4	-0.2	0	0	0	0	0	0	0	0
6/6/2023 2:08	10805 CHHI_T2	1	1	0	8.1	7.9	-0.2	-0.91	-0.97	0	0	0	0	0	0
6/6/2023 2:08	12701 MACU_T1	1	1	0	0.7	0	-0.7	-0.03	0.03	0	0	0	0	0	0
6/6/2023 2:11	15001 BLMO_T1	4	4	0	0.53	0.65	0.12	0	0	0	0	0	0	0	0
6/6/2023 2:14	40502 CRES_T2	0	2	2	0	0.1	0.1	0.39	0.34	0	0	0	0	0	0
6/6/2023 2:27	48302 ORWI_T2	2	2	0	1.4	1.5	0.1	-0.41	-0.43	0	0	0	0	0	0
6/6/2023 2:32	55101 WERT_T1	0	0	0	0	0	0	-1.58	-1.58	2	2	0	1500	1500	0
6/6/2023 2:38	42802 SELI_T1	0	0	0	0	0	0	-0.15	-0.17	0	0	0	0	0	0
6/6/2023 2:43	48901 FOSP_T2	0	0	0	0	0	0	-0.5	-0.5	1	1	0	600	600	0
6/6/2023 2:46	48901 FOSP_T2	0	0	0	0	0	0	-0.5	-0.5	1	1	0	600	600	0
6/6/2023 2:52	40902 JESH_T1	0	0	0	0	0	0	-0.5	-0.5	1	1	0	600	600	0
6/6/2023 2:57	42701 AUGU_T1	1	2	1	0.1	0.2	0.1	0	0	1	1	0	600	600	0
6/6/2023 3:11	53601 DALM_T2	1	1	0	0.4	0.5	0.1	0.54	0.56	0	0	0	0	0	0
6/6/2023 3:23	48901 FOSP_T2	0	0	0	0	0	0	-0.46	-0.47	1	1	0	600	600	0
6/6/2023 3:29	64305 LINC_T1	0	1	1	0	0.2	0.2	0	0	0	0	0	0	0	0
6/6/2023 3:44	64301 LINC_T1	0	0	0	0	0	0	0.05	0.06	0	0	0	0	0	0
6/6/2023 3:54	42701 AUGU_T1	1	1	0	0.2	0.3	0.1	0	0	1	1	0	600	600	0
6/6/2023 4:01	42802 SELI_T1	0	0	0	0	0	0	-0.17	-0.18	0	0	0	0	0	0
6/6/2023 4:08	41602 CLEV_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
6/6/2023 4:09	64301 LINC_T1	0	0	0	0	0	0	0.15	0.13	0	0	0	0	0	0
6/6/2023 4:13	28403 HART_T2	0	0	0	0	0	0	-0.73	-0.72	1	1	0	900	900	0
6/6/2023 4:31	41601 CLEV_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
6/6/2023 4:37	42902 MIDD_T2	1	1	0	0.7	0.4	-0.3	-0.56	-0.58	0	0	0	0	0	0
6/6/2023 4:47	46504 LOHA_T1	8	3	-5	0.39	0.8	0.41	0	0	0	0	0	0	0	0
6/6/2023 4:51	67503 WEWI_T2	0	0	0	0	0	0	-0.47	-0.45	0	0	0	0	0	0
6/6/2023 4:51	63404 HONY_T1	2	2	0	9.95	9.55	-0.4	0	0	0	0	0	0	0	0
6/6/2023 5:09	58402 MORO_T1	0	0	0	0	0	0	-1.27	-1.27	1	2	1	600	1500	900
6/6/2023 5:10	40502 CRES_T2	0	1	1	0	0	0	0.35	0.35	0	0	0	0	0	0
6/6/2023 5:23	58402 MORO_T1	0	0	0	0	0	0	-1.27	-1.29	2	2	0	1500	1500	0
6/6/2023 5:27	47901 HRDG_T1	0	0	0	0	0	0	1.01	1.01	0	0	0	0	0	0
6/6/2023 5:49	58402 MORO_T1	0	0	0	0	0	0	-1.17	-1.15	2	2	0	1500	1500	0
6/6/2023 8:51	24105 EHAZ_T1	4	4	0	6.08	5.93	-0.15	0	0	0	0	0	0	0	0
6/6/2023 9:34	46506 LOHA_T1	1	1	0	0.6	0.6	0	-0.56	-0.52	0	0	0	0	0	0
6/6/2023 10:00	66501 SMAN_T2	1	2	1	0.1	0.15	0.05	0	0	0	0	0	0	0	0
6/6/2023 10:00	41901 REED_T1	0	0	0	0	0	0	-1.24	-1.19	1	1	0	900	900	0
6/6/2023 10:00	47403 PENS_T1	2	2	0	0.65	1.3	0.65	0	0	0	0	0	0	0	0
6/6/2023 10:00	59101 WALK_T2	0	0	0	0	0	0	9.37	9.09	0	0	0	0	0	0
6/6/2023 10:00	28604 BLYT_T2	0	0	0	0	0	0	-2.8	-2.7	0	0	0	0	0	0
6/6/2023 10:00	40501 CRES_T2	0	0	0	0	0	0	0.63	0.69	0	0	0	0	0	0
6/6/2023 10:00	20403 ASHF_T2	3	4	1	0.73	0.6	-0.13	0.41	0.35	0	0	0	0	0	0
6/6/2023 10:00	12202 FOGE_T2	3	3	0	1.27	1.53	0.26	-0.5	-0.48	1	1	0	600	600	0
6/6/2023 10:00	63401 HONY_T1	0	0	0	0	0	0	1.21	1.19	0	0	0	0	0	0
6/6/2023 10:00	46005 BERW_T1	1	1	0	0.5	1.1	0.6	0	0	0	0	0	0	0	0
6/6/2023 10:00	10805 CHHI_T2	1	1	0	8.2	8.4	0.2	-1.31	-1.28	2	2	0	1800	1800	0
6/6/2023 10:00	61202 REIN_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
6/6/2023 10:00	57304 MOAL_T2	1	2	1	0.7	0.3	-0.4	-0.52	-0.53	0	0	0	0	0	0
6/6/2023 10:00	64301 LINC_T1	0	0	0	0	0	0	0.67	0.73	0	0	0	0	0	0
6/6/2023 10:00	48901 FOSP_T2	0	0	0	0	0	0	0.23	0.04	1	1	0	600	600	0
6/6/2023 10:00	24104 EHAZ_T1	2	1	-1	0.2	0.3	0.1	0	0	0	0	0	0	0	0
6/6/2023 10:00	46506 LOHA_T1	1	1	0	0.6	1	0.4	-1.04	-1.08	0	0	0	0	0	0
6/6/2023 10:00	67502 WEWI_T2	5	6	1	0.18	0.12	-0.06	-0.26	-0.16	0	0	0	0	0	0
6/6/2023 10:00	67503 WEWI_T2	0	0	0	0	0	0	-0.14	-0.37	0	0	0	0	0	0
6/6/2023 10:00	53601 DALM_T2	1	1	0	0.9	1	0.1	-0.58	-0.64	1	1	0	900	900	0
6/6/2023 10:00	44801 EDAN_T2	1	1	0	0.7	0.3	-0.4	0	0	0	0	0	0	0	0
6/6/2023 10:00	56801 BENV_T1	28	18	-10	0.73	0.61	-0.12	-0.9	-0.75	0	0	0	0	0	0
6/6/2023 10:00	67604 WARW_T1	0	0	0	0	0	0	0.6	0.62	0	0	0	0	0	0
6/6/2023 10:00	52403 GRPA_T2	0	0	0	0	0	0	0.24	0.31	0	0	0	0	0	0
6/6/2023 10:00	28403 HART_T2	0	0	0	0	0	0	-1.34	-1.38	2	2	0	1800	1800	0
6/6/2023 10:00	11104 EGYP_T1	0	0	0	0	0	0	1.24	1.24	0	0	0	0	0	0
6/6/2023 10:00	47901 HRDG_T1	0	0	0	0	0	0	1.79	1.63	0	0	0	0	0	0
6/6/2023 10:00	60504 NMAN_T2	2	2	0	0.25	0.45	0.2	0	0	0	0	0	0	0	0
6/6/2023 10:00	41602 CLEV_T1	0	0	0	0	0	0	0	0	1	1	0	600	600	0
6/6/2023 10:00	40502 CRES_T2	0	14	14	0	0.19	0.19	4.55	0.42	0	0	0	0	0	0
6/6/2023 10:00	53501 EVIL_T2	0	0	0	0	0	0	0.4	0.6	2	2	0	1200	1200	0
6/6/2023 10:00	41202 MVIL_T2	0	0	0	0	0	0	-0.62	-0.63	0	0	0	0	0	0
6/6/2023 10:00	40901 JESH_T1	0	1	1	0	0	0	0	0	0	0	0	0	0	0
6/6/2023 10:00	20603 GRWO_T2	88	163	75	0.24	0.23	-0.01	0.46	0.49	0	0	0	0	0	0
6/6/2023 10:00	60101 COCA_T1	1	1	0	0.8	0	-0.8	0.39	0.39	0	0	0	0	0	0
6/6/2023 10:00	59301 MCAL_T1	2	2	0	0.5	0.5	0	-1.44	-1.46	1	1	0	600	600	0
6/6/2023 10:00	41601 CLEV_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
6/6/2023 10:00	56802 BENV_T2	2	3	1	0.8	0.5	-0.3	-3.65	-3.45	0	0	0	0	0	0
6/6/2023 10:00	42701 AUGU_T1	1	1	0	0.1	0	-0.1	0	0	6	6	0	5400	5400	0
6/6/2023 10:00	42802 SELI_T1	0	0	0	0	0	0	-2.13	-2.16	3	3	0	2700	2700	0
6/6/2023 10:00	12701 MACU_T1	1	1	0	2.9	0	-2.9	0.09	0.09	0	0	0	0	0	0
6/6/2023 10:00	66703 STRA_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
6/6/2023 10:00	58402 MORO_T1	0	0	0	0	0	0	-1.01	-1.02	2	2	0	1500	1500	0
6/6/2023 10:00	64802 MONE_T2	1	1	0	0.6	0.7	0.1	0	0	0	0	0	0	0	0
6/6/2023 10:00	42001 MNVL_T2	3	3	0	0.2	0.33	0.13	0.03	0.02	0	0	0	0	0	0
6/6/2023 10:00	29402 BELT_T1	1	2	1	0.1	0.3	0.2	0	0	0	0	0	0	0	0
6/6/2023 10:00	12604 MACA_T1	0	0	0	0	0	0	0.38	0.38	0	0	0	0	0	0
6/6/2023 10:00	65604 QVIL_T2	0	1	1	0	0.2	0.2	0.08	0.06	0	0	0	0	0	0
6/6/2023 10:00	52503 PROG_T2	0	0	0	0	0	0	-0.65	-0.65	1	1	0	900	900	0
6/6/2023 10:00	41801 GOCI_T2	22	4	-18	0.29	0.5	0.21	0	0	0	0	0	0	0	0
6/6/2023 10:00	55101 WERT_T1	0	0	0	0	0	0

Appendix C - Grid Benefits Achieved in Each Instance of Active Management

6/6/2023 11:42	44801 EDAN_T2	1	2	1	0.9	0.9	0	0	0	0	0	0	0	0
6/6/2023 11:43	44802 EDAN_T2	0	0	0	0	0	0	-1.53	-1.46	1	1	0	1200	1200	0
6/6/2023 11:44	64801 MONE_T2	1	1	0	0.5	0.5	0	0.32	0.31	0	0	0	0	0	0
6/6/2023 11:47	67503 WEWI_T2	0	0	0	0	0	0	0.04	0.06	0	0	0	0	0	0
6/6/2023 11:47	66505 SMAN_T2	0	0	0	0	0	0	0.52	0.66	2	2	0	1500	1500	0
6/6/2023 11:48	67503 WEWI_T2	0	0	0	0	0	0	0.04	0.06	0	0	0	0	0	0
6/6/2023 11:51	67503 WEWI_T2	0	0	0	0	0	0	0.06	0.05	0	0	0	0	0	0
6/6/2023 11:53	64802 MONE_T2	5	4	-1	0.42	0.48	0.06	0	0	0	0	0	0	0	0
6/6/2023 11:55	14404 SSLA_T1	1	1	0	0.5	0.6	0.1	0	0	0	0	0	0	0	0
6/6/2023 11:55	28403 HART_T2	0	0	0	0	0	0	-0.6	-0.59	1	1	0	900	900	0
6/6/2023 11:58	28403 HART_T2	0	0	0	0	0	0	-0.6	-0.59	1	1	0	900	900	0
6/6/2023 11:59	28403 HART_T2	0	0	0	0	0	0	-0.6	-0.59	1	1	0	900	900	0
6/6/2023 12:06	14402 SSLA_T1	2	2	0	0.5	0.65	0.15	0	0	0	0	0	0	0	0
6/6/2023 12:08	64702 LITI_T2	0	0	0	0	0	0	-0.39	-0.43	0	0	0	0	0	0
6/6/2023 12:09	10805 CHHI_T2	1	1	0	8.5	8.5	0	-1.2	-1.16	2	2	0	1800	1800	0
6/6/2023 12:11	42903 MIDD_T2	0	2	2	0	0.15	0.15	0	0	0	0	0	0	0	0
6/6/2023 12:18	10805 CHHI_T2	1	3	2	8.5	8.6	0.1	-1.2	-1.16	2	2	0	1800	1800	0
6/6/2023 12:27	67503 WEWI_T2	0	0	0	0	0	0	0.05	-0.04	0	0	0	0	0	0
6/6/2023 12:34	66901 SHIL_T2	0	0	0	0	0	0	-0.94	-0.92	1	1	0	1200	1200	0
6/6/2023 12:57	56802 BENV_T2	13	15	2	0.52	0.45	-0.07	-0.49	-0.54	0	0	0	0	0	0
6/6/2023 13:05	56802 BENV_T2	15	10	-5	0.45	0.47	0.02	-0.54	-0.56	0	0	0	0	0	0
6/6/2023 13:09	53501 EVIL_T2	5	4	-1	0.86	0.48	-0.38	0.05	-0.03	1	1	0	600	600	0
6/6/2023 13:15	53501 EVIL_T2	3	1	-2	0.57	0.2	-0.37	0.05	-0.03	1	1	0	600	600	0
6/6/2023 13:17	56802 BENV_T2	10	7	-3	0.46	0.29	-0.17	-0.54	-0.56	0	0	0	0	0	0
6/6/2023 13:17	53501 EVIL_T2	3	1	-2	0.57	0.2	-0.37	0.05	-0.03	1	1	0	600	600	0
6/6/2023 13:20	58401 MORO_T1	1	0	-1	0.1	0	-0.1	0	0	0	0	0	0	0	0
6/6/2023 13:43	57304 MOAL_T2	1	1	0	0.4	0.5	0.1	-0.41	-0.41	0	0	0	0	0	0
6/6/2023 13:54	66902 SHIL_T2	2	1	-1	0.65	0.6	-0.05	-1.41	-1.4	0	0	0	0	0	0
6/6/2023 14:02	66505 SMAN_T2	0	0	0	0	0	0	0.67	0.52	2	2	0	1500	1500	0
6/6/2023 14:19	15001 BLMO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
6/6/2023 14:24	28601 BLYT_T2	1	1	0	0.3	0.9	0.6	0	0	0	0	0	0	0	0
6/6/2023 14:25	52401 GRPA_T2	0	0	0	0	0	0	-0.39	-0.38	0	0	0	0	0	0
6/6/2023 14:37	28601 BLYT_T2	1	1	0	0.9	1	0.1	0	0	0	0	0	0	0	0
6/6/2023 14:39	41901 REED_T1	0	0	0	0	0	0	-1.09	-1.12	1	1	0	900	900	0
6/6/2023 14:44	66505 SMAN_T2	0	0	0	0	0	0	0.64	0.71	2	2	0	1500	1500	0
6/6/2023 14:46	41901 REED_T1	0	0	0	0	0	0	-1.09	-1.12	1	1	0	900	900	0
6/6/2023 14:59	56803 BENV_T1	3	2	-1	0.77	0.95	0.18	0	0	0	0	0	0	0	0
6/6/2023 15:01	56801 BENV_T1	53	55	2	1.05	0.98	-0.07	-0.66	-0.64	1	1	0	600	600	0
6/6/2023 15:03	56803 BENV_T1	2	2	0	0.95	0.85	-0.1	0	0	0	0	0	0	0	0
6/6/2023 15:04	60803 BUCK_T1	0	0	0	0	0	0	-0.61	-0.68	1	1	0	600	600	0
6/6/2023 15:05	56801 BENV_T1	53	55	2	1.05	0.98	-0.07	-0.64	-0.61	1	1	0	600	600	0
6/6/2023 15:09	56801 BENV_T1	53	55	2	1.05	0.98	-0.07	-0.64	-0.61	1	1	0	600	600	0
6/6/2023 15:15	56801 BENV_T1	54	49	-5	0.99	0.8	-0.19	-0.64	-0.61	1	1	0	600	600	0
6/6/2023 15:18	43201 MVIL_T2	0	1	1	0	0.1	0.1	0	0	0	0	0	0	0	0
6/6/2023 15:28	14402 SSLA_T1	1	1	0	1	0.8	-0.2	0	0	0	0	0	0	0	0
6/6/2023 15:28	10805 CHHI_T2	1	1	0	8.4	7.8	-0.6	-1.85	-1.66	2	2	0	1800	1800	0
6/6/2023 15:28	54001 SDLE_T1	5	5	0	1.32	1.28	-0.04	0	0	0	0	0	0	0	0
6/6/2023 15:28	67503 WEWI_T2	0	1	1	0	0	0	0.07	0.08	0	0	0	0	0	0
6/6/2023 15:29	41901 REED_T1	0	0	0	0	0	0	-1.01	-1.09	1	1	0	900	900	0
6/6/2023 15:29	44801 EDAN_T2	1	1	0	0.7	1.2	0.5	0	0	0	0	0	0	0	0
6/6/2023 15:29	59402 RFLD_T2	0	9	9	0	0.28	0.28	-1.41	-1.49	1	1	0	450	450	0
6/6/2023 15:29	48901 FOSP_T2	0	0	0	0	0	0	-0.78	-0.76	2	2	0	1200	1200	0
6/6/2023 15:29	65604 QVIL_T2	0	0	0	0	0	0	0.14	0.12	0	0	0	0	0	0
6/6/2023 15:30	52403 GRPA_T2	0	1	1	0	0.4	0.4	0.28	0.34	0	0	0	0	0	0
6/6/2023 15:30	52004 LING_T2	0	0	0	0	0	0	0.13	0.16	0	0	0	0	0	0
6/6/2023 15:30	56802 BENV_T2	2	2	0	0.5	0.75	0.25	-0.48	-0.46	0	0	0	0	0	0
6/6/2023 15:30	44801 EDAN_T2	1	1	0	1.2	1	-0.2	0	0	0	0	0	0	0	0
6/6/2023 15:30	44502 HAMI_T2	1	1	0	2.3	2.3	0	-0.68	-0.65	0	0	0	0	0	0
6/6/2023 15:30	61202 REIN_T1	3	3	0	0.37	0.3	-0.07	0	0	0	0	0	0	0	0
6/6/2023 15:30	16302 ALPA_T2	0	0	0	0	0	0	-0.19	-0.12	0	0	0	0	0	0
6/6/2023 15:31	20403 ASHF_T2	7	3	-4	0.57	0.17	-0.4	0.24	0.27	0	0	0	0	0	0
6/6/2023 15:31	28403 HART_T2	0	0	0	0	0	0	-0.56	-0.58	1	1	0	900	900	0
6/6/2023 15:31	41902 REED_T1	0	0	0	0	0	0	1.19	1.24	0	0	0	0	0	0
6/6/2023 15:32	67502 WEWI_T2	6	61	55	0.15	0.16	0.01	-1.03	-1.08	1	1	0	900	900	0
6/6/2023 15:32	52502 PROG_T2	1	0	-1	0.1	0	-0.1	-0.49	-0.49	1	1	0	900	900	0
6/6/2023 15:32	15001 BLMO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
6/6/2023 15:32	61202 REIN_T1	3	3	0	0.37	0.3	-0.07	0	0	0	0	0	0	0	0
6/6/2023 15:44	64802 MONE_T2	0	6	6	0	0.22	0.22	0	0	0	0	0	0	0	0
6/6/2023 15:44	28601 BLYT_T2	1	1	0	1	0	-1	0	0	0	0	0	0	0	0
6/6/2023 16:02	54505 ENOL_T2	1	1	0	0.2	0.1	-0.1	0	0	0	0	0	0	0	0
6/6/2023 16:29	42802 SELI_T1	0	0	0	0	0	0	-0.68	-0.63	1	1	0	900	900	0
6/6/2023 16:31	66302 MCGO_T2	0	0	0	0	0	0	-0.7	-0.56	0	0	0	0	0	0
6/6/2023 16:45	42802 SELI_T1	0	0	0	0	0	0	-0.63	-0.63	1	1	0	900	900	0
6/6/2023 16:52	66902 SHIL_T2	0	0	0	0	0	0	-2.72	-2.68	0	0	0	0	0	0
6/6/2023 16:56	52502 PROG_T2	0	0	0	0	0	0	-0.33	-0.36	1	1	0	900	900	0
6/6/2023 17:03	42802 SELI_T1	0	0	0	0	0	0	-0.63	-0.61	1	1	0	900	900	0
6/6/2023 17:10	64802 MONE_T2	0	0	0	0	0	0	0.06	0.07	0	0	0	0	0	0
6/6/2023 17:25	42802 SELI_T1	0	0	0	0	0	0	-0.62	-0.6	1	1	0	900	900	0
6/6/2023 17:32	42701 AUGU_T1	0	0	0	0	0	0	0	0	2	2	0	1800	1800	0
6/6/2023 17:42	42701 AUGU_T1	0	0	0	0	0	0	0	0	2	2	0	1800	1800	0
6/6/2023 18:00	29402 BELT_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
6/6/2023 19:12	42701 AUGU_T1	1	1	0	0.1	0.2	0.1	0	0	2	2	0	1800	1800	0
6/6/2023 20:23	20401 ASHF_T2	0	5	5	0	0.12	0.12	0	0	0	0	0	0	0	0
6/6/2023 20:24	28601 BLYT_T2	0	1	1	0	0	0	0	0	0	0	0	0	0	0
6/6/2023 20:27	56802 BENV_T2	1	3	2	1	0.6	-0.4	-0.45	-0.5	0	0	0	0	0	0
6/6/2023 20:37	41901 REED_T1	10	11	1	0.35	0.47	0.12	-1.21	-1.31	1	1	0	900	900	0
6/6/2023 20:41	53501 EVIL_T2	1	4	3	0.1	0.23	0.13	-0.81	-0.83	1	1	0	600	600	0
6/6/2023 20:54	56802 BENV_T2	3	3	0	0.6	0.53	-0.07	-0.48	-0.51	0	0	0	0	0	0
6/6/2023 21:09	44301 BEAV_T2	0	0	0	0	0	0	-0.1	-0.09	1	1	0	600	600	0
6/6/2023 21:26	65604 QVIL_T2	0	4	4	0	0.15	0.15	0.01	0	0	0	0	0	0	0
6/6/2023 22:04	52404 GRPA_T2	1	1	0	1.3	0.5	-0.8	0	0	0	0	0	0	0	0
6/6/2023 22:08	66503 SMAN_T2	2	0	-2	0.1	0	-0.1	0	0	0	0	0	0	0	0
6/6/2023 22:23	60801 BUCK_T1	175	174	-1	0.77	0.7	-0.07	0	0	0	0	0	0	0	0
6/6/2023 22:27	53501 EVIL_T2	1	8	7	0.7	0.29	-0.41	-0.84	-0.96	1	1	0	600	600	0
6/6/2023 22:29	48901 FOSP_T2	0	0	0	0	0	0	0.25	0.24	0	0	0	0	0	0
6/6/2023 22:35	66901 SHIL_T2	0	0	0	0	0	0	-1.26	-1.21	1	1	0	1200	1200	0
6/6/2023 22:41	56801 BENV_T1	24	38	14	0.6	1.24	0.64	-0.78	-0.8	1	1	0	600	600	0
6/6/2023 22:41	15001 BLMO_T1	0	3	3	0	0.3	0.3	0	0	0	0	0	0	0	0
6/6/2023 22:46	56802 BENV_T2	19	1	-18	0.17	1.2	1.03	-1.3	-1.37	0	0	0	0	0	0
6/6/2023 22:48	59101 WALK_T2	0	12	12	0	0.13	0.13	1.07	1.03	0	0	0	0	0	0
6/6/2023 22:48	67503 WEWI_T2	0	0	0	0	0	0	-0.08	-0.2	0	0	0	0	0	0
6/6/2023 22:49	52402 GRPA_T2	3	4	1	0.2	0.93	0.73	0	0	0	0	0	0	0	0
6/6/2023 22:55	43202 MVIL_T2	0	0	0	0	0	0	-0.75	-0.76	0	0	0	0	0	0
6/6/2023 22:55	61202 REIN_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
6/6/2023 22:58	66505 SMAN_T2	0	3	3	0	0.2	0.2	0.03	0.02	1	1	0	900	900	0
6/6/2023 22:59	28403 HART_T2	1	1	0	6.9	6	-0.9	-0.63	-0.67	1	1	0	900	900	0
6/6/2023 22:59	56803 BENV_T1	0	7	7	0	0.23	0.23	0	0	0	0	0	0	0	0
6/6/2023 23:01	67503 WEWI_T2	0	0	0	0	0	0	-0.2	-0.22	0	0	0	0	0	0
6/6/2023 23:01	58402 MORO_T1	0	0	0	0	0	0	-0.47	-0.57	1	1	0	600	600	0
6/6/2023 23:01	67503 WEWI_T2	0	0	0	0	0	0	-0.2	-0.22	0	0	0	0	0	0
6/6/2023 23:02	56801 BENV_T1	38	41	3	1.24	1.33	0.09	-0.8	-0.81	1	1	0	600	600	0
6/6/2023 23:05	48902 FOSP_T2	0	0	0	0	0	0	-0.25	-0.26	0	0	0	0	0	0
6/6/2023 23:05	42802 SELI_T1	1	1	0	0.5	0.6	0.1	0.02	-0.02	0	0	0	0	0	0
6/6/2023 23:07	56802 BENV_T2	1	1	0	1.2	1	-0.2	-2.01	-2.1	0	0	0	0	0	0
6/6/2023 23:09	42802 SELI_T1	1	1	0	0.5	0.6	0.1	0.02	-0.02	0	0	0	0	0	0
6/6/2023 23:09	61801 EEU_T2	2	2	0	1.05	1.5	0.45	-2	-1.88	2	2	0	1200	1200	0
6/6/2023 23:09	67503 WEWI_T2	0	0	0	0	0	0	-0.22	-0.22	0	0	0	0	0	0
6/6/2023 23:10	56803 BENV_T1	3	9	6	0.13	0.25	0.12	0	0	0	0	0	0	0	0
6/6/2023 23:10	53501 EVIL_T2	13	12	-1	0.55	0.47	-0.08	-0.64	-0.58	0	0	0	0	0	0
6/6/2023 23:10	60803 BUCK_T1	1	0	-1	0.3	0	-0.3	-0.97	-1	1	1	0	600	600	0
6/6/2023 23:11	16302 ALPA_T2	0	0	0	0	0	0	0.66	0.6	0	0	0	0	0	0
6/6/2023 23:12	44801 EDAN_T2	1	1	0	0.1	0.4	0.3	0	0	0	0	0	0	0	0
6/6/2023 23:12	42902 MIDD_T2	1	1	0	1	0.8	-0.2	-0.44	-0.46	0	0	0	0	0	0
6/6/2023 23:13	63404 HONY_T1	2	2	0	8.95	9.25	0.3	0	0	0	0	0	0	0	0
6/6/2023 23:14	56803 BENV_T1	3	9	6	0.13	0.25	0.12	0	0	0	0	0	0	0	0
6/6/2023 23:14	48901 FOSP_T2	0	0	0	0	0	0	0.24	0.21	0	0	0	0	0	0
6/6/2023 23:14	56802 BENV_T2	1	1	0	1.2	1	-0.2	-1.34	-1.4	0	0	0	0	0	0
6/6/2023 23:15	44502 HAMI_T2	1	1	0	3.7	3.9	0.2	-0.89	-0.91	0	0	0	0	0	0
6/6/2023 23:16	44801 EDAN_T2	1	1	0	0.6	0.2	-0.4	0	0	0	0	0	0	0	0
6/6/2023 23:16	52002 LING_T2	1	1	0	0.7	1	0.3	0	0	0	0	0	0	0	0
6/6/2023 23:16	28403 HART_T2	1	1	0	6	5.9	-0.1	-0.67	-0.66	1	1	0	900	900	0
6/6/2023 23:18	61202 REIN_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
6/6/2023 23:18	52502 PROG_T2	0	0	0	0	0	0	-0.55	-0.6	1	1	0	900	900	0
6/6/2023 23:19	53601 DALM_T2	1	1	0	1.2	1.5	0.3	-0.23	-0.21	1	1	0	900	900	0
6/6/2023 23:22	64801 MONE_T2	0	0	0	0	0	0	0.33	0.33	0	0	0	0	0	0
6/6/2023 23:22	57304 MOAL_T2	1	0	-1	0.2	0.1	-0.1	-0.4	-0.41	0	0	0	0	0	0
6/6/2023 23:22	52502 PROG_T2	0	0	0	0	0	0	-0.6	-0.63	1	1	0	900	900	0
6/6/2023 23:25	51107 CARL_T1	0	0	0	0	0	0	-1.46	-1.46	0	0	0	0	0	0
6/6/2023 23:34	42701 AUGU_T1	0	0	0	0	0	0	0	0	1	1	0	600	600	0
6/6/2023 23:36	41902 REED_T1	0	0	0	0	0	0	0.75	0.79	0	0	0	0	0	0
6/6/2023 23:51	47901 HRDG_T1	0	0	0	0	0	0	1.41	1.39	0	0	0	0	0	0
6/6/2023 23:55	64703 LITI_T2	0	17	17	0	0.16	0.16	0	0	0	0	0	0	0	0
6/7/2023 0:01	14403 SSLA_T1	0	0	0	0	0	0	0.73	0.7	0	0	0	0	0	0
6/7/2023 0:08	10805 CHHI_T2	1	1	0	8.2	8.2	0	-0.78	-0.97	0	0	0	0	0	0
6/7/2023 0:28	42701 AUGU_T1	1	1	0	0.5	0.6	0.1	0	0	1	1	0	600	600	0
6/7/2023 0:28	42802 SELI_T1	1	1	0	1.1	1.3	0.2	-0.08	-0.06	0	0	0	0	0	0
6/7/2023 0:28	51107 CARL_T1	0	0	0	0	0	0	-1.52	-1.67	0	0	0	0	0	0
6/7/2023 0:28	65602 QVIL_T2	4	45	41	0.2	0.46	0.26	0	0	0	0	0	0	0	0
6/7/2023 0:28	52502 PROG_T2	0	0	0	0	0	0	-0.69	-0.68	1	1	0	900	900	0
6/7/2023 0:28	66901 SHIL_T2	0	0	0	0	0	0	-1.34	-1.35	1	1	0	1200	1200	0
6/7/2023 0:28	10805 CHHI_T2	1	1	0	8.3	8.1	-0.2	-0.97	-0.93	0	0	0	0	0	0
6/7/2023 0:28	47901 HRDG_T1	0	0	0	0	0	0	1.34	1.31	0	0	0	0	0	0
6/7/2023 0:28	28403 HART_T2	1	1	0	7.3	6.2	-1.1	-0.69	-0.68	1	1	0	900	900	0
6/7/2023 0:28	57304 MOAL_T2	1	1	0	0.1	0	-0.1	-0.57	-0.63	0	0	0	0	0	0
6/7/2023 0:28	64702 LITI_T2	2	44	42	0.1	0.14	0.04	-0.66	-0.68	0	0	0	0	0	0
6/7/2023 0:28	56802 BENV_T2	1	1	0	0.4	0.5	0.1	-0.77	-0.76	0	0	0	0	0	0
6/7/2023 0:28	53601 DALM_T2	1	2	1	1.2	1.2	0.2	-0.15	-0.08	1	1	0	900	900	0
6/7/2023 0:28	66505 SMAN_T2	3	3	0	0.57	0.87	0.3	-0.39	-0.3	1	1	0	900	900	0
6/7/2023 0:46	65602 QVIL_T2	43	46	3	0.43	0.81	0.38	0	0	0	0	0	0	0	0
6/7/2023 0:56	66303 MCGO_T2	1	1	0	0.6	0.8	0.2	0	0	0	0	0	0	0	0
6/7/2023 1:05	42802 SELI_T1	1	1	0	1.5	1.5	0	-0.05	-0.11	0	0	0	0	0	0
6/7/2023 1:08	66505 SMAN_T2	3	0	-3	1.17	0	-1.17	-0.25	-0.22	1	1	0	900	900	0
6/7/2023 1:28	52502 PROG_T2	0	0	0	0	0	0	-0.77	-0.77	1	1	0	900	900	0
6/7/2023 1:30	57304 MOAL_T2	0	0	0	0	0	0	-0.65	-0.6	0	0	0	0	0	0
6/7/2023 1:31	54001 SDLE_T1	1	1	0	1.2	0.8	-0.4	0	0	1	1	0	600	600	0
6/7/2023 2:00	51102 CARL_T1	34	92	58	0.13	0.18	0.05	0	0	0	0	0	0	0	0
6/7/2023 2:29	66901 SHIL_T2	1	1	0	0.6	0.9	0.3	0	0	0	0	0	0	0	0
6/7/2023 2:34	66901 SHIL_T2	1	1	0	0.8	0.9	0.1	0	0	0	0	0	0	0	0
6/7/2023 2:35	64702 LITI_T2	0	0	0	0	0	0	-0.82	-0.77	0	0	0	0	0	0
6/7/2023 2:39	28403 HART_T2	1	1	0	6.5	6.3	-0.2	-0.72	-0.72	1	1	0	900	900	0
6/7/2023 2:54	42701 AUGU_T1	1	1	0	0.3	0.3	0	0	0	1	1	0	600	600	0
6/7/2023 2:59	53601 DALM_T2	1	1	0	1	1.1	0.1	-0.2	-0.17	1	1	0	900	900	0
6/7/2023 3:15	66901 SHIL_T2	1	1	0	0.7	0.9	0.2	-1.44	-1.4	1	1	0	1200	1200	0
6/7/2023 4:27	56802 BENV_T2	1	1	0	0.9	0.8	-0.1	-1.57	-1.53	0	0	0	0	0	0
6/7/2023 4:28	10805 CHHI_T2	1	1	0	7.8	7.8	0	-0.99	-1.03	0	0	0	0	0	0
6/7/2023 4:31	47901 HRDG_T1	0	0	0	0	0	0	1.14	1.15	0	0	0	0	0	0
6/7/2023 5:09	66901 SHIL_T2	1	1	0	0.5	0.4	-0.1	0	0	0	0	0	0	0	0
6/7/2023 5:36	41902 REED_T1	0	0	0	0	0	0	0.

Appendix C - Grid Benefits Achieved in Each Instance of Active Management

6/7/2023 10:00	44801 EDAN_T2	1	1	0	1.1	0.5	-0.6	0	0	0	0	0	0	0	0
6/7/2023 10:00	16302 ALPA_T2	0	0	0	0	0	0	0.78	0.88	0	0	0	0	0	0
6/7/2023 10:00	10805 CHHI_T2	1	1	0	8	8	0	-1.3	-1.29	2	2	0	1800	1800	0
6/7/2023 10:00	11104 EGYP_T1	0	0	0	0	0	0	0.62	0.62	0	0	0	0	0	0
6/7/2023 10:00	53501 EVIL_T2	3	4	1	0.23	0.23	0	0.03	0.49	3	6	3	1800	3600	1800
6/7/2023 10:00	65604 QVIL_T2	1	3	2	0.1	0.23	0.13	0.01	0.02	0	0	0	0	0	0
6/7/2023 10:00	20603 GRWO_T2	13	23	10	0.35	0.23	-0.12	0.43	0.48	0	0	0	0	0	0
6/7/2023 10:00	66501 SMAN_T2	0	1	1	0	0.1	0.1	0	0	0	0	0	0	0	0
6/7/2023 10:00	54001 SDLE_T1	7	7	0	0.91	0.76	-0.15	0	0	1	1	0	600	600	0
6/7/2023 10:00	12605 MACA_T1	1	1	0	0.5	0.6	0.1	0	0	0	0	0	0	0	0
6/7/2023 10:00	42802 SELI_T1	0	0	0	0	0	0	-1.46	-1.44	2	2	0	1800	1800	0
6/7/2023 10:00	61202 REIN_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
6/7/2023 10:25	60803 BUCK_T1	0	0	0	0	0	0	-0.79	-0.76	1	1	0	600	600	0
6/7/2023 10:28	52401 GRPA_T2	0	0	0	0	0	0	-0.45	-0.46	0	0	0	0	0	0
6/7/2023 10:29	44301 BEAV_T2	1	1	0	1.9	1.1	-0.8	0.6	0.72	2	2	0	1500	1500	0
6/7/2023 10:37	66302 MCGD_T2	0	0	0	0	0	0	-0.66	-0.26	1	1	0	600	600	0
6/7/2023 10:52	66901 SHIL_T2	0	0	0	0	0	0	-1.13	-1.11	1	1	0	1200	1200	0
6/7/2023 11:05	60801 BUCK_T1	144	174	30	0.4	0.57	0.17	0	0	0	0	0	0	0	0
6/7/2023 11:13	46504 LOHA_T1	2	0	-2	0.2	0	-0.2	0	0	0	0	0	0	0	0
6/7/2023 11:14	42802 SELI_T1	0	0	0	0	0	0	-0.69	-0.61	1	1	0	900	900	0
6/7/2023 11:14	28403 HART_T2	1	1	0	6.9	7.1	0.2	-0.64	-0.65	1	1	0	900	900	0
6/7/2023 11:15	46001 BERW_T1	0	0	0	0	0	0	0.78	0.81	0	0	0	0	0	0
6/7/2023 11:15	42802 SELI_T1	0	0	0	0	0	0	-0.69	-0.61	1	1	0	900	900	0
6/7/2023 11:18	40901 JESH_T1	1	1	0	0.5	0.5	0	0	0	0	0	0	0	0	0
6/7/2023 11:19	56802 BENV_T2	2	1	-1	0.8	1.3	0.5	-0.59	-0.63	0	0	0	0	0	0
6/7/2023 11:20	58402 MORO_T1	0	0	0	0	0	0	-1.07	-1.07	2	2	0	1500	1500	0
6/7/2023 11:22	56803 BENV_T1	1	0	-1	0.1	0	-0.1	0	0	0	0	0	0	0	0
6/7/2023 11:22	56802 BENV_T2	2	1	-1	0.8	1.3	0.5	-0.59	-0.63	0	0	0	0	0	0
6/7/2023 11:23	55101 WERT_T1	0	3	3	0	0	0	-1.39	-1.36	3	3	0	2400	2400	0
6/7/2023 11:24	60801 BUCK_T1	69	177	108	0.26	0.6	0.34	0	0	0	0	0	0	0	0
6/7/2023 11:25	56802 BENV_T2	2	1	-1	0.8	1.3	0.5	-0.59	-0.63	0	0	0	0	0	0
6/7/2023 11:28	53501 EVIL_T2	4	4	0	0.3	0.3	0	-0.34	-0.42	2	2	0	1200	1200	0
6/7/2023 11:30	58401 MORO_T1	1	0	-1	0.1	0	-0.1	0	0	0	0	0	0	0	0
6/7/2023 11:33	56801 BENV_T1	19	14	-5	0.55	0.62	0.07	-0.08	-0.09	0	0	0	0	0	0
6/7/2023 11:35	52004 LING_T2	0	0	0	0	0	0	0.31	0.32	0	0	0	0	0	0
6/7/2023 11:36	44801 EDAN_T2	1	1	0	1.2	0.7	-0.5	0	0	0	0	0	0	0	0
6/7/2023 11:38	56802 BENV_T2	1	4	3	1.3	0.53	-0.77	-0.63	-0.55	0	0	0	0	0	0
6/7/2023 11:43	53501 EVIL_T2	4	5	1	0.3	0.54	0.24	-0.42	-0.2	2	2	0	1200	1200	0
6/7/2023 11:43	51602 DUKE_T2	1	1	0	0.8	0.7	-0.1	0	0	0	0	0	0	0	0
6/7/2023 11:48	53501 EVIL_T2	4	9	5	0.25	0.82	0.57	-0.42	-0.2	2	2	0	1200	1200	0
6/7/2023 11:49	67502 WEWI_T2	11	10	-1	0.26	0.36	0.1	0	0	0	0	0	0	0	0
6/7/2023 11:50	52004 LING_T2	0	0	0	0	0	0	0.32	0.33	0	0	0	0	0	0
6/7/2023 11:54	44801 EDAN_T2	1	1	0	0.7	0.6	-0.1	0	0	0	0	0	0	0	0
6/7/2023 11:59	48902 FOSP_T2	0	0	0	0	0	0	0.44	0.2	0	0	0	0	0	0
6/7/2023 12:00	67503 WEWI_T2	0	0	0	0	0	0	0.04	0.04	0	0	0	0	0	0
6/7/2023 12:01	67502 WEWI_T2	10	11	1	0.31	0.34	0.03	0	0	0	0	0	0	0	0
6/7/2023 12:02	67502 WEWI_T2	10	11	1	0.31	0.34	0.03	0	0	0	0	0	0	0	0
6/7/2023 12:03	10805 CHHI_T2	1	1	0	8	7.8	-0.2	-1.43	-1.38	2	2	0	1800	1800	0
6/7/2023 12:06	28403 HART_T2	1	1	0	7.2	7.3	0.1	-0.64	-0.65	1	1	0	900	900	0
6/7/2023 12:12	28403 HART_T2	1	1	0	7.2	7.3	0.1	-0.64	-0.65	1	1	0	900	900	0
6/7/2023 12:12	29402 BELT_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
6/7/2023 12:16	24101 EHAZ_T1	0	1	1	0	0	0	0.76	0.73	2	2	0	1200	1200	0
6/7/2023 12:21	67503 WEWI_T2	0	0	0	0	0	0	-0.11	0.06	0	0	0	0	0	0
6/7/2023 12:38	15001 BLMO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
6/7/2023 14:03	60803 BUCK_T1	1	2	1	0.1	0.15	0.05	-1.32	-1.35	1	1	0	600	600	0
6/7/2023 14:05	56801 BENV_T1	38	46	8	0.44	0.65	0.21	-0.65	-0.65	1	1	0	600	600	0
6/7/2023 14:06	20402 ASHF_T2	0	4	4	0	0.1	0.1	0	0	0	0	0	0	0	0
6/7/2023 14:09	67503 WEWI_T2	0	0	0	0	0	0	0.08	0.18	0	0	0	0	0	0
6/7/2023 14:11	64802 MONE_T2	4	5	1	0.38	0.46	0.08	0.31	0.3	0	0	0	0	0	0
6/7/2023 14:11	56803 BENV_T1	1	0	-1	0.2	0	-0.2	0	0	0	0	0	0	0	0
6/7/2023 14:15	56803 BENV_T1	0	1	1	0	0	0	0	0	0	0	0	0	0	0
6/7/2023 14:17	66902 SHIL_T2	1	0	-1	0.2	0	-0.2	-1.56	-1.54	0	0	0	0	0	0
6/7/2023 14:20	56801 BENV_T1	44	42	-2	0.62	0.57	-0.05	-0.65	-0.64	1	1	0	600	600	0
6/7/2023 14:20	58402 MORO_T1	0	0	0	0	0	0	-1.02	-1.05	2	2	0	1500	1500	0
6/7/2023 14:21	56801 BENV_T1	44	42	-2	0.62	0.57	-0.05	-0.65	-0.64	1	1	0	600	600	0
6/7/2023 14:21	64203 KINZ_T1	0	0	0	0	0	0	-0.06	-0.2	3	3	0	2100	2100	0
6/7/2023 14:22	56803 BENV_T1	0	1	1	0	0	0	0	0	0	0	0	0	0	0
6/7/2023 14:23	15001 BLMO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
6/7/2023 14:23	41801 GOCI_T2	3	6	3	0.4	0.48	0.08	0	0	0	0	0	0	0	0
6/7/2023 14:24	42201 SHEN_T2	0	0	0	0	0	0	0.67	0.64	0	0	0	0	0	0
6/7/2023 14:25	56801 BENV_T1	44	42	-2	0.62	0.57	-0.05	-0.65	-0.64	1	1	0	600	600	0
6/7/2023 14:25	56802 BENV_T2	28	11	-17	0.29	0.48	0.19	-1.12	-1.17	0	0	0	0	0	0
6/7/2023 14:25	53501 EVIL_T2	4	8	4	0.18	0.56	0.38	-0.29	-0.55	2	2	0	1200	1200	0
6/7/2023 14:26	44301 BEAV_T2	13	4	-9	0.37	0.35	-0.02	-1.11	-1.28	2	1	-1	1500	600	-900
6/7/2023 14:26	28403 HART_T2	1	1	0	7.6	7.4	-0.2	-0.59	-0.68	1	1	0	900	900	0
6/7/2023 14:28	15001 BLMO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
6/7/2023 14:28	29401 BELT_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
6/7/2023 14:28	42701 AUGU_T1	0	0	0	0	0	0	0	0	2	2	0	1800	1800	0
6/7/2023 14:29	27502 WEIS_T2	0	0	0	0	0	0	-0.4	-0.46	0	0	0	0	0	0
6/7/2023 14:30	55101 WERT_T1	0	0	0	0	0	0	-2.03	-1.87	4	4	0	3300	3300	0
6/7/2023 14:33	55101 WERT_T1	0	0	0	0	0	0	-2.03	-1.87	4	4	0	3300	3300	0
6/7/2023 14:34	28604 BLYT_T2	1	0	-1	0.1	0	-0.1	-1.29	-1.31	0	0	0	0	0	0
6/7/2023 14:35	52004 LING_T2	0	0	0	0	0	0	0.32	0.35	0	0	0	0	0	0
6/7/2023 14:35	48902 FOSP_T2	0	0	0	0	0	0	0.26	0	0	0	0	0	0	0
6/7/2023 14:35	60803 BUCK_T1	0	0	0	0	0	0	-1.4	-1.32	1	1	0	600	600	0
6/7/2023 14:36	56801 BENV_T1	40	31	-9	0.58	0.48	-0.1	-0.64	-0.61	1	1	0	600	600	0
6/7/2023 14:36	44801 EDAN_T2	1	1	0	1.1	0.4	-0.7	0	0	0	0	0	0	0	0
6/7/2023 14:37	44301 BEAV_T2	4	0	-4	0.35	0	-0.35	-0.28	-0.3	1	1	0	600	600	0
6/7/2023 14:52	29402 BELT_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
6/7/2023 14:57	52502 PROG_T2	0	0	0	0	0	0	-0.49	-0.48	1	1	0	900	900	0
6/7/2023 14:57	42701 AUGU_T1	0	0	0	0	0	0	0	0	2	2	0	1800	1800	0
6/7/2023 14:59	16301 ALPA_T1	1	1	0	0.1	0.1	0	-1.35	-1.39	0	0	0	0	0	0
6/7/2023 15:12	52502 PROG_T2	0	0	0	0	0	0	-0.48	0	1	1	0	900	900	0
6/7/2023 15:26	65604 QVIL_T2	0	0	0	0	0	0	0.08	0.1	0	0	0	0	0	0
6/7/2023 15:34	42802 SELI_T1	1	1	0	0.8	0.5	-0.3	-0.72	-0.73	1	1	0	900	900	0
6/7/2023 15:39	43401 BENT_T1	0	1	1	0	0	0	0	0	0	0	0	0	0	0
6/7/2023 15:46	64702 LITI_T2	0	0	0	0	0	0	-0.25	-0.29	0	0	0	0	0	0
6/7/2023 15:46	65604 QVIL_T2	0	0	0	0	0	0	0.1	0.06	0	0	0	0	0	0
6/7/2023 15:49	60501 NMAN_T2	3	3	0	4.23	4.73	0.5	0	0	0	0	0	0	0	0
6/7/2023 15:57	52502 PROG_T2	0	0	0	0	0	0	0	0	1	1	0	900	900	0
6/7/2023 16:06	65604 QVIL_T2	0	1	1	0	0.2	0.2	0.08	0.06	0	0	0	0	0	0
6/7/2023 16:06	15001 BLMO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
6/7/2023 16:07	40502 CRES_T2	8	6	-2	0.25	0.35	0.1	0.12	0.13	0	0	0	0	0	0
6/7/2023 16:18	46502 LOHA_T1	42	56	14	0.39	0.43	0.04	0	0	0	0	0	0	0	0
6/7/2023 16:50	56802 BENV_T2	1	1	0	1.3	1.4	0.1	-1.09	-1.08	0	0	0	0	0	0
6/7/2023 16:58	56802 BENV_T2	1	1	0	1.3	1.4	0.1	-1.09	-1.08	0	0	0	0	0	0
6/7/2023 16:59	56802 BENV_T2	1	1	0	1.3	1.4	0.1	-1.09	-1.08	0	0	0	0	0	0
6/7/2023 17:00	28604 BLYT_T2	0	0	0	0	0	0	-1.29	-1.27	0	0	0	0	0	0
6/7/2023 17:06	45601 WOOL_T1	1	1	0	0	0	0	-0.13	-0.15	1	1	0	1200	1200	0
6/7/2023 17:08	42701 AUGU_T1	0	1	1	0	0.1	0.1	0	0	2	2	0	1800	1800	0
6/7/2023 17:09	46602 LACR_T1	0	0	0	0	0	0	0.2	0.18	0	0	0	0	0	0
6/7/2023 17:10	56802 BENV_T2	1	1	0	1.4	0.9	-0.5	-1.08	-1.05	0	0	0	0	0	0
6/7/2023 17:11	61801 EELI_T2	2	2	0	1	0.9	-0.1	-0.51	-0.47	1	1	0	600	600	0
6/7/2023 17:29	58402 MORO_T1	0	0	0	0	0	0	-1.78	-1.82	3	3	0	2400	2400	0
6/7/2023 17:30	51904 COPA_T1	3	5	2	0.37	0.84	0.47	0	0	0	0	0	0	0	0
6/7/2023 18:07	47401 PENS_T1	0	0	0	0	0	0	1.03	0.95	0	0	0	0	0	0
6/7/2023 18:09	46602 LACR_T1	0	0	0	0	0	0	0.22	0.15	0	0	0	0	0	0
6/7/2023 18:11	40502 CRES_T2	7	7	0	0.31	0.3	-0.01	0.18	0.15	0	0	0	0	0	0
6/7/2023 20:39	20403 ASHF_T2	0	1	1	0	0.2	0.2	0.12	0.2	0	0	0	0	0	0
6/7/2023 20:45	40501 CRES_T2	6	2	-4	0.18	0.1	-0.08	0	0	0	0	0	0	0	0
6/7/2023 20:47	27502 WEIS_T2	0	0	0	0	0	0	-0.04	-0.12	0	0	0	0	0	0
6/7/2023 20:52	25801 SUTR_T2	0	0	0	0	0	0	0.18	0.17	0	0	0	0	0	0
6/7/2023 21:09	56801 BENV_T1	28	32	4	0.53	0.66	0.13	-0.69	-0.69	1	1	0	600	600	0
6/7/2023 21:16	52502 PROG_T2	0	0	0	0	0	0	-0.51	-0.52	1	1	0	900	900	0
6/7/2023 21:19	64201 KINZ_T1	0	1	1	0	0.9	0.9	0	0	0	0	0	0	0	0
6/7/2023 21:41	60803 BUCK_T1	8	13	5	0.24	0.25	0.01	-1.52	-0.88	1	1	0	600	600	0
6/7/2023 21:45	65604 QVIL_T2	19	88	69	0.27	0.37	0.1	-0.04	-0.04	0	0	0	0	0	0
6/7/2023 21:48	67503 WEWI_T2	0	0	0	0	0	0	0.05	0.07	0	0	0	0	0	0
6/7/2023 21:49	64802 MONE_T2	0	1	1	0	0.1	0.1	0.05	0.03	0	0	0	0	0	0
6/7/2023 21:49	64703 LITI_T2	15	46	31	0.1	0.23	0.13	0	0	0	0	0	0	0	0
6/7/2023 21:58	48902 FOSP_T2	0	0	0	0	0	0	0.07	0	0	0	0	0	0	0
6/7/2023 21:59	55101 WERT_T1	0	0	0	0	0	0	-1.37	-1.4	2	2	0	1500	1500	0
6/7/2023 21:59	58402 MORO_T1	0	0	0	0	0	0	-0.37	-0.44	1	1	0	600	600	0
6/7/2023 21:59	56801 BENV_T1	34	37	3	1.05	1.26	0.21	-0.75	-0.76	1	1	0	600	600	0
6/7/2023 22:01	56803 BENV_T1	8	2	-6	0.43	0.15	-0.28	0	0	0	0	0	0	0	0
6/7/2023 22:02	15001 BLMO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
6/7/2023 22:02	55101 WERT_T1	0	0	0	0	0	0	-1.37	-1.4	2	2	0	1500	1500	0
6/7/2023 22:03	42201 SHEN_T2	3	1	-2	0.2	0.1	-0.1	0.48	0.46	0	0	0	0	0	0
6/7/2023 22:06	15001 BLMO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
6/7/2023 22:09	56802 BENV_T2	33	1	-32	0.15	0.6	0.45	-0.62	-0.65	0	0	0	0	0	0
6/7/2023 22:14	44801 EDAN_T2	6	14	8	0.25	0.26	0.01	0	0	0	0	0	0	0	0
6/7/2023 22:14	61202 REIN_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
6/7/2023 22:14	48902 FOSP_T2	0	0	0	0	0	0	0	-0.13	0	0	0	0	0	0
6/7/2023 22:15	46001 BERW_T1	0	0	0	0	0	0	0.43	0.43	0	0	0	0	0	0
6/7/2023 22:16	40902 JESH_T1	0	0	0	0	0	0	-0.41	-0.44	1	1	0	600	600	0
6/7/2023 22:19	52002 LING_T2	1	1	0	0.6	0.8	0.2	0	0	0	0	0	0	0	0
6/7/2023 22:30	29402 BELT_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
6/7/2023 22:30	15001 BLMO_T1	0	4	4	0	0.45	0.45	0	0	0	0	0	0	0	0
6/7/2023 22:34	44301 BEAV_T2	0	0	0	0	0	0	0.36	0.3	1	1	0	600	600	0
6/7/2023 22:40	42701 AUGU_T1	0	1	1	0	0.2	0.2	0	0	1	1	0	600	600	0
6/7/2023 22:54	56802 BENV_T2	1	1	0	1	1.1	0.1	-0.72	-0.73	0	0	0	0	0	0
6/7/2023 22:56	67204 TEHI_T2	0	0	0	0	0	0	0.05	0.06	0	0	0	0	0	0
6/7/2023 22:59	24104 EHAZ_T1	6	7	1	0.1	0.1	0	0	0	0	0	0	0	0	0
6/7/2023 23:00	28604 BLYT_T2	12	0	-12	0.17	0	-0.17	-1.46	-1.46	0	0	0	0	0	0
6/7/2023 23:09	46602 LACR_T1	0	0	0	0	0	0	-0.04	-0.05	0	0	0	0	0	0
6/7/2023 23:11	61801 EELI_T2	2	1	-1	0.6	0.2	-0.4	-1	-1.01	1	1	0	600	600	0
6/7/2023 23:14	42802 SELI_T1	1	1	0	1.3	1.2	-0.1	-0.05	-0.08	0	0	0	0	0	0
6/7/2023 23:14	43402 BENT_T1	0	0	0	0	0	0	-0.99	-0.98	1	1	0	900	900	0
6/7/2023 23:14	42701 AUGU_T1	1	1	0	0.2	0.2	0	0	0	1	1	0	600	600	0
6/7/2023 23:16	55101 WERT_T1	0	0	0	0	0	0	-1.44	-1.42	2	2	0	1500	1500	0
6/7/2023 23:18	28403 HART_T2	1	1	0	6.9	6.5	-0.4	-0.69	-0.69	1	1	0	900	900	0
6/7/2023 23:18	56802 BENV_T2	1	3	2	1.1	0.47	-0.63	-0.73	-0.72	0	0	0	0	0	0
6/7/2023 23:20	53501 EVIL_T2	15	20	5	0.74	1.08	0.34	-0.68	-0.73	0	0	0	0	0	0
6/7/2023 23:25	44301 BEAV_T2	0	0	0	0	0	0	0.37	0.32	1	1	0	600	600	0
6/7/2023 23:27	58402 MORO_T1	0	0	0	0	0	0	-0.47	-0.48	1	1	0	600	600	0
6/7/2023 23:32	46506 LOHA_T1	0	1	1	0	0.2	0.2	-0.49	-0.5	0	0	0	0	0	0
6/7/2023 23:36	56803 BENV_T1	8	0	-8	0.61	0	-0.61	0	0	0	0	0	0	0	0
6/7/2023 23:39	56801 BENV_T1	51	28	-23	1.29	1.09	-0.2	-0.22	-0.23	1	0	-1	600	0	-600
6/7/2023 23:40	45601 WOOL_T1	1	1	0	0	0	0	-0.04	-0.05	1	1	0	1200	1200	0
6/7/2023 23:40	56803 BENV_T1	8	0	-8	0.61	0	-0.61	0	0	0	0	0	0	0	0
6/7/2023 23:44	56803 BENV_T1	8	0	-8	0.61	0	-0.61	0	0	0	0	0	0	0	0
6/7/2023 23:44	51604 DUKE_T2	0	0	0	0	0	0	-1.66	-1.68	1	1	0	900	900	0
6/7/2023 23:51	53501 EVIL_T2	20	20	0	1.08	1.28	0.2	-0.74	-0.77	0	0	0	0	0	0
6/7/2023 23:53	42701 AUGU_T1	1	1	0	0.5	0.6	0.1	0	0	1	1	0	600	600	0
6/7/2023 23:53	53601 DALM_T2	1	1	0	1.4	1.6	0.2	-0.01	-0.09	1	1	0	900	900	0
6/7/2023 23:55	51902 COPA_T1	0	0	0	0	0	0	-0.47	-0.48	0	0	0	0	0	0
6/7/2023 23:57	15001 BLMO_T1	4	4	0	0.7	0.53	-0.17	0	0	0	0	0	0	0	0
6/7/2023 23:59	67503 WEWI_T2	0	0	0	0	0	0	-0.29	-0.29	0	0	0	0	0

Appendix C - Grid Benefits Achieved in Each Instance of Active Management

6/8/2023 1:30	66902 SHIL_T2	0	0	0	0	0	0	-1.87	-1.87	0	0	0	0	0	0
6/8/2023 1:38	28403 HART_T2	1	1	0	6.5	6.5	0	-0.73	-0.73	1	1	0	900	900	0
6/8/2023 1:46	28403 HART_T2	1	1	0	6.5	6.8	0.3	-0.73	-0.73	1	1	0	900	900	0
6/8/2023 1:49	47403 PENS_T1	1	1	0	2.7	2.7	0	0	0	0	0	0	0	0	0
6/8/2023 1:49	46602 LACR_T1	0	1	1	0	0	0	-0.05	-0.04	0	0	0	0	0	0
6/8/2023 1:49	63404 HONY_T1	2	2	0	9.6	9.45	-0.15	0	0	0	0	0	0	0	0
6/8/2023 1:51	61801 EELI_T2	0	1	1	0	0.2	0.2	-1.111	-1.1	1	1	0	600	600	0
6/8/2023 1:52	46504 LOHA_T1	57	57	0	0.95	0.95	0	0	0	0	0	0	0	0	0
6/8/2023 1:53	53601 DALM_T2	1	1	0	0.8	0.9	0.1	-0.1	-0.1	1	1	0	900	900	0
6/8/2023 1:53	42701 AUGU_T1	0	1	1	0	0.5	0.5	0	0	1	1	0	600	600	0
6/8/2023 1:56	67204 TEHI_T2	110	115	5	0.32	0.31	-0.01	0.01	0	0	0	0	0	0	0
6/8/2023 2:34	28602 BLYT_T2	1	1	0	0.2	0.3	0.1	0	0	0	0	0	0	0	0
6/8/2023 2:38	28601 BLYT_T2	1	1	0	0.7	2.3	1.6	0	0	0	0	0	0	0	0
6/8/2023 2:42	40502 CRES_T2	16	7	-9	0.21	0.13	-0.08	0.33	0.31	0	0	0	0	0	0
6/8/2023 2:46	40502 CRES_T2	4	7	3	0.1	0.13	0.03	0.33	0.31	0	0	0	0	0	0
6/8/2023 2:48	40502 CRES_T2	4	7	3	0.1	0.13	0.03	0.33	0.31	0	0	0	0	0	0
6/8/2023 3:11	53502 EVIL_T2	0	1	1	0	0.3	0.3	0	0	0	0	0	0	0	0
6/8/2023 3:11	10805 CHHI_T2	1	1	0	7.5	7.5	0	-1.1	-1.16	0	0	0	0	0	0
6/8/2023 3:13	61202 REIN_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
6/8/2023 3:24	11104 EGYP_T1	0	0	0	0	0	0	0.3	0.3	0	0	0	0	0	0
6/8/2023 3:39	67503 WEWI_T2	0	0	0	0	0	0	-0.39	-0.37	0	0	0	0	0	0
6/8/2023 3:49	64702 LITI_T2	248	86	-162	0.16	0.17	0.01	-0.8	-0.84	0	0	0	0	0	0
6/8/2023 3:54	44301 BEAV_T2	0	0	0	0	0	0	-0.32	-0.28	1	1	0	600	600	0
6/8/2023 3:57	60502 NMAN_T2	0	0	0	0	0	0	-0.05	0.03	0	0	0	0	0	0
6/8/2023 4:08	60501 NMAN_T2	3	3	0	5.5	5.57	0.07	0	0	0	0	0	0	0	0
6/8/2023 4:08	55101 WERT_T1	0	0	0	0	0	0	-1.04	-1.05	1	1	0	900	900	0
6/8/2023 5:00	28602 BLYT_T2	1	0	-1	0.2	0	-0.2	0	0	0	0	0	0	0	0
6/8/2023 5:12	28601 BLYT_T2	1	1	0	1.9	0.7	-1.2	0	0	0	0	0	0	0	0
6/8/2023 5:14	42701 AUGU_T1	1	1	0	0.3	0.3	0	0	0	1	1	0	600	600	0
6/8/2023 5:20	53501 EVIL_T2	11	12	1	0.79	0.63	-0.16	-0.71	-0.66	0	0	0	0	0	0
6/8/2023 5:20	56801 BENV_T1	27	27	0	0.97	0.75	-0.22	-0.95	-0.94	1	1	0	600	600	0
6/8/2023 5:26	42701 AUGU_T1	1	1	0	0.3	0.2	-0.1	0	0	1	1	0	600	600	0
6/8/2023 5:30	60801 BUCK_T1	175	180	5	0.41	0.46	0.05	0	0	0	0	0	0	0	0
6/8/2023 5:35	60801 BUCK_T1	175	180	5	0.41	0.46	0.05	0	0	0	0	0	0	0	0
6/8/2023 5:36	56801 BENV_T1	27	24	-3	0.75	0.65	-0.1	-0.94	-0.93	1	1	0	600	600	0
6/8/2023 5:38	53501 EVIL_T2	11	9	-2	0.66	0.41	-0.25	-0.66	-0.56	0	0	0	0	0	0
6/8/2023 5:40	28604 BLYT_T2	0	0	0	0	0	0	-1.46	-1.46	0	0	0	0	0	0
6/8/2023 5:40	53501 EVIL_T2	11	9	-2	0.66	0.41	-0.25	-0.66	-0.56	0	0	0	0	0	0
6/8/2023 5:40	56801 BENV_T1	27	24	-3	0.75	0.65	-0.1	-0.94	-0.93	1	1	0	600	600	0
6/8/2023 5:42	40502 CRES_T2	0	0	0	0	0	0	0.37	0.35	0	0	0	0	0	0
6/8/2023 5:44	56801 BENV_T1	27	24	-3	0.75	0.65	-0.1	-0.94	-0.93	1	1	0	600	600	0
6/8/2023 5:50	60801 BUCK_T1	177	183	6	0.44	0.56	0.12	0	0	0	0	0	0	0	0
6/8/2023 5:51	40502 CRES_T2	0	0	0	0	0	0	0.35	0.4	0	0	0	0	0	0
6/8/2023 5:54	42701 AUGU_T1	1	0	-1	0.2	0	-0.2	0	0	1	1	0	600	600	0
6/8/2023 5:54	28604 BLYT_T2	0	0	0	0	0	0	-1.46	-1.45	0	0	0	0	0	0
6/8/2023 5:55	51902 COPA_T1	0	0	0	0	0	0	-0.55	-0.44	0	0	0	0	0	0
6/8/2023 6:57	60502 NMAN_T2	0	0	0	0	0	0	0.33	0.44	0	0	0	0	0	0
6/8/2023 9:45	64702 LITI_T2	0	0	0	0	0	0	-0.51	-0.59	0	0	0	0	0	0
6/8/2023 9:51	64702 LITI_T2	0	0	0	0	0	0	-0.59	-0.51	0	0	0	0	0	0
6/8/2023 10:00	52503 PROG_T2	0	0	0	0	0	0	-0.68	-0.7	1	1	0	900	900	0
6/8/2023 10:00	64802 MONE_T2	4	5	1	0.33	0.34	0.01	0.34	0.31	0	0	0	0	0	0
6/8/2023 10:00	52502 PROG_T2	1	1	0	0.2	0.1	-0.1	-0.71	-0.67	1	1	0	900	900	0
6/8/2023 10:00	52004 LING_T2	1	2	1	0.4	0.15	-0.25	0.29	0.28	0	0	0	0	0	0
6/8/2023 10:00	41802 GOCI_T2	1	2	1	0.1	0.1	0	0	0	0	0	0	0	0	0
6/8/2023 10:00	56802 BENV_T2	8	2	-6	0.48	0.8	0.32	-2.16	-1.98	0	0	0	0	0	0
6/8/2023 10:00	60803 BUCK_T1	0	0	0	0	0	0	-0.85	-0.82	1	1	0	600	600	0
6/8/2023 10:00	59301 MCAL_T1	2	2	0	0.6	0.3	-0.3	-1.44	-1.43	1	1	0	600	600	0
6/8/2023 10:00	60501 NMAN_T2	3	3	0	4.83	4.5	-0.33	0	0	0	0	0	0	0	0
6/8/2023 10:00	56801 BENV_T1	31	25	-6	0.52	0.41	-0.11	-1.52	-1.36	0	0	0	0	0	0
6/8/2023 10:00	61202 REIN_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
6/8/2023 10:00	47401 PENS_T1	0	0	0	0	0	0	0.99	0.9	0	0	0	0	0	0
6/8/2023 10:00	46005 BERW_T1	0	1	1	0	0.5	0.5	0	0	0	0	0	0	0	0
6/8/2023 10:00	67204 TEHI_T2	0	1	1	0	0	0	-0.14	-0.16	0	0	0	0	0	0
6/8/2023 10:00	64203 KINZ_T1	0	0	0	0	0	0	-0.29	-0.39	3	3	0	2100	2100	0
6/8/2023 10:00	28403 HART_T2	1	1	0	7.3	7.7	0.4	-1.32	-1.34	2	2	0	1800	1800	0
6/8/2023 10:00	29402 BELT_T1	1	2	1	0.1	0.55	0.45	0	0	0	0	0	0	0	0
6/8/2023 10:00	41402 BENT_T1	0	0	0	0	0	0	-1.22	-1.36	2	2	0	1500	1500	0
6/8/2023 10:00	46602 LACR_T1	0	0	0	0	0	0	0.06	0.05	0	0	0	0	0	0
6/8/2023 10:00	29402 BELT_T1	1	2	1	0.1	0.55	0.45	0	0	0	0	0	0	0	0
6/8/2023 10:00	53601 DALM_T2	2	2	0	3.9	4.2	0.3	-0.45	-0.49	1	1	0	900	900	0
6/8/2023 10:00	56601 HAMP_T1	0	0	0	0	0	0	-0.17	-0.11	0	0	0	0	0	0
6/8/2023 10:00	48902 FOSP_T2	0	0	0	0	0	0	0.64	0.61	0	0	0	0	0	0
6/8/2023 10:00	64702 LITI_T2	0	0	0	0	0	0	-0.59	-0.51	0	0	0	0	0	0
6/8/2023 10:00	44802 EDAN_T2	0	0	0	0	0	0	-1.78	-1.73	1	1	0	1200	1200	0
6/8/2023 10:00	12604 MACA_T1	0	0	0	0	0	0	0.32	0.29	0	0	0	0	0	0
6/8/2023 10:00	24105 EHAZ_T1	4	5	1	5.8	5.88	0.08	0	0	0	0	0	0	0	0
6/8/2023 10:00	28604 BLYT_T2	0	0	0	0	0	0	-2.72	-2.7	0	0	0	0	0	0
6/8/2023 10:00	11104 EGYP_T1	0	0	0	0	0	0	0.59	0.59	0	0	0	0	0	0
6/8/2023 10:00	67502 WEWI_T2	9	11	2	0.32	0.27	-0.05	0	0	0	0	0	0	0	0
6/8/2023 10:00	53501 EVIL_T2	1	7	6	0.7	0.56	-0.14	0.92	1.3	0	2	2	0	1200	1200
6/8/2023 10:00	27502 WEIS_T2	0	0	0	0	0	0	0.15	-0.44	0	0	0	0	0	0
6/8/2023 10:00	45601 WOOL_T1	1	1	0	0	0	0	0.16	0	1	1	0	1200	1200	0
6/8/2023 10:00	15001 BLMO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
6/8/2023 10:00	64801 MONE_T2	3	3	0	0.6	0.5	-0.1	0.28	0.28	0	0	0	0	0	0
6/8/2023 10:00	46504 LOHA_T1	0	2	2	0	0.35	0.35	0	0	0	0	0	0	0	0
6/8/2023 10:00	40901 JESH_T1	1	1	0	0.1	0.3	0.2	0	0	0	0	0	0	0	0
6/8/2023 10:00	42802 SELI_T1	0	1	1	0	0.2	0.2	-1.7	-1.84	2	2	0	1800	1800	0
6/8/2023 10:00	63401 HONY_T1	0	0	0	0	0	0	0.38	0.32	1	1	0	600	600	0
6/8/2023 10:00	67604 WARW_T1	0	0	0	0	0	0	0.64	0.64	0	0	0	0	0	0
6/8/2023 10:00	58402 MORO_T1	0	0	0	0	0	0	-1.78	-1.98	4	4	0	3000	3000	0
6/8/2023 10:00	16301 ALPA_T1	0	0	0	0	0	0	-0.33	-0.27	0	0	0	0	0	0
6/8/2023 10:00	42701 AUGU_T1	1	2	1	0.5	0.4	-0.1	0	0	8	8	0	7200	7200	0
6/8/2023 10:00	51604 DUKE_T2	0	0	0	0	0	0	-0.6	-0.6	0	0	0	0	0	0
6/8/2023 10:00	66901 SHIL_T2	0	0	0	0	0	0	-1.16	-1.13	1	1	0	1200	1200	0
6/8/2023 10:00	20401 ASHF_T2	22	15	-7	0.21	0.24	0.03	0	0	0	0	0	0	0	0
6/8/2023 10:00	44301 BEAV_T2	0	0	0	0	0	0	0.46	0.53	2	2	0	1500	1500	0
6/8/2023 10:00	55101 WERT_T1	0	0	0	0	0	0	-1.62	-1.59	3	3	0	2400	2400	0
6/8/2023 10:00	51904 COPA_T1	5	5	0	0.44	0.54	0.1	0	0	0	0	0	0	0	0
6/8/2023 10:00	40502 CRES_T2	0	15	15	0	0.31	0.31	1.87	0.24	0	0	0	0	0	0
6/8/2023 10:00	66902 SHIL_T2	0	0	0	0	0	0	-2.19	-2.13	0	0	0	0	0	0
6/8/2023 10:00	10805 CHHI_T2	1	1	0	7.7	7.6	-0.1	-1.44	-1.44	2	2	0	1800	1800	0
6/8/2023 10:00	61801 EELI_T2	1	1	0	0.2	0.1	-0.1	-0.86	-0.8	1	1	0	600	600	0
6/8/2023 10:00	65604 QVIL_T2	7	16	9	0.17	0.24	0.07	0.12	0.13	0	0	0	0	0	0
6/8/2023 10:07	41901 REED_T1	0	0	0	0	0	0	-1.33	-1.21	1	1	0	900	900	0
6/8/2023 10:07	59101 WALK_T2	0	0	0	0	0	0	2.02	1.71	0	0	0	0	0	0
6/8/2023 10:07	56802 BENV_T2	8	2	-6	0.48	0.8	0.32	-0.66	-0.67	0	0	0	0	0	0
6/8/2023 10:09	59101 WALK_T2	0	0	0	0	0	0	2.02	1.71	0	0	0	0	0	0
6/8/2023 10:09	56802 BENV_T2	8	2	-6	0.48	0.8	0.32	-0.66	-0.67	0	0	0	0	0	0
6/8/2023 10:10	46506 LOHA_T1	1	1	0	0.8	0.8	0	-0.53	-0.53	0	0	0	0	0	0
6/8/2023 10:11	59101 WALK_T2	0	0	0	0	0	0	2.02	1.71	0	0	0	0	0	0
6/8/2023 10:11	66903 SHIL_T2	0	0	0	0	0	0	-0.55	-0.56	0	0	0	0	0	0
6/8/2023 10:12	43202 MVIL_T2	0	0	0	0	0	0	-0.66	-0.66	0	0	0	0	0	0
6/8/2023 10:12	64702 LITI_T2	0	0	0	0	0	0	-0.51	-0.44	0	0	0	0	0	0
6/8/2023 10:25	46504 LOHA_T1	0	2	2	0	0.4	0.4	0	0	0	0	0	0	0	0
6/8/2023 10:26	55101 WERT_T1	0	0	0	0	0	0	-1.59	-1.49	3	3	0	2400	2400	0
6/8/2023 10:29	56802 BENV_T2	1	2	1	1.5	0.75	-0.75	-0.67	-0.64	0	0	0	0	0	0
6/8/2023 10:30	42201 SHEN_T2	0	0	0	0	0	0	0.51	0.56	0	0	0	0	0	0
6/8/2023 10:31	60803 BUCK_T1	0	1	1	0	0.2	0.2	-0.82	-0.86	1	1	0	600	600	0
6/8/2023 10:33	15001 BLMO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
6/8/2023 10:34	44301 BEAV_T2	0	0	0	0	0	0	0.29	0.41	2	2	0	1500	1500	0
6/8/2023 10:47	25801 SUTR_T2	0	0	0	0	0	0	0.18	0.13	0	0	0	0	0	0
6/8/2023 10:49	15001 BLMO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
6/8/2023 11:03	52401 GRPA_T2	0	1	1	0	0.1	0.1	0	0	0	0	0	0	0	0
6/8/2023 11:12	40101 HUNT_T2	0	0	0	0	0	0	-0.22	-0.29	0	0	0	0	0	0
6/8/2023 11:12	42802 SELI_T1	2	1	-1	0.15	0.2	0.05	-0.88	-0.85	1	1	0	900	900	0
6/8/2023 11:13	56802 BENV_T2	4	5	1	2.18	0.29	-1.89	-0.64	-0.67	0	0	0	0	0	0
6/8/2023 11:14	60801 BUCK_T1	185	184	-1	0.8	0.82	0.02	0	0	0	0	0	0	0	0
6/8/2023 11:17	42802 SELI_T1	0	1	1	0	0.2	0.2	-0.88	-0.85	1	1	0	900	900	0
6/8/2023 11:19	42001 MNVL_T2	0	0	0	0	0	0	0.05	0.04	0	0	0	0	0	0
6/8/2023 11:20	28403 HART_T2	1	1	0	7.6	7.2	-0.4	-0.62	-0.64	1	1	0	900	900	0
6/8/2023 11:22	42802 SELI_T1	0	1	1	0	0.2	0.2	-0.85	-0.85	1	1	0	900	900	0
6/8/2023 11:24	28403 HART_T2	1	1	0	7.6	7.2	-0.4	-0.62	-0.64	1	1	0	900	900	0
6/8/2023 11:26	56803 BENV_T1	2	2	0	0.2	0.3	0.1	0	0	0	0	0	0	0	0
6/8/2023 11:26	61801 EELI_T2	0	0	0	0	0	0	-0.73	-0.68	1	1	0	600	600	0
6/8/2023 11:27	56802 BENV_T2	7	9	2	0.31	0.38	0.07	-0.67	-0.65	0	0	0	0	0	0
6/8/2023 11:27	56803 BENV_T1	2	2	0	0.2	0.3	0.1	0	0	0	0	0	0	0	0
6/8/2023 11:29	56802 BENV_T2	7	9	2	0.31	0.38	0.07	-0.67	-0.65	0	0	0	0	0	0
6/8/2023 11:31	58402 MORO_T1	0	0	0	0	0	0	-0.87	-0.84	2	2	0	1500	1500	0
6/8/2023 11:32	60801 BUCK_T1	184	180	-4	0.79	0.75	-0.04	0	0	0	0	0	0	0	0
6/8/2023 11:33	12701 MACU_T1	1	0	-1	1.2	0	-1.2	0.07	0.09	0	0	0	0	0	0
6/8/2023 11:37	56803 BENV_T1	2	2	0	0.3	0.25	-0.05	0	0	0	0	0	0	0	0
6/8/2023 11:39	58402 MORO_T1	0	0	0	0	0	0	-0.84	-0.9	2	2	0	1500	1500	0
6/8/2023 11:40	53601 DALM_T2	2	2	0	4.6	4.1	-0.5	-0.45	-0.45	1	1	0	900	900	0
6/8/2023 11:41	56803 BENV_T1	2	2	0	0.3	0.25	-0.05	0	0	0	0	0	0	0	0
6/8/2023 11:41	52004 LING_T2	0	1	1	0	0.1	0.1	0.27	0.29	0	0	0	0	0	0
6/8/2023 11:42	44802 EDAN_T2	0	0	0	0	0	0	-1.68	-1.68	1	1	0	1200	1200	0
6/8/2023 11:43	56801 BENV_T1	9	17	8	0.56	0.39	-0.17	-0.12	-0.11	0	0	0	0	0	0
6/8/2023 11:45	53501 EVIL_T2	2	4	2	0.45	0.23	-0.22	-0.01	-0.08	1	1	0	600	600	0
6/8/2023 11:46	56802 BENV_T2	8	8	0	0.39	0.39	0	-0.65	-0.6	0	0	0	0	0	0
6/8/2023 11:52	53501 EVIL_T2	2	4	2	0.45	0.23	-0.22	-0.08	0.06	1	1	0	600	600	0
6/8/2023 11:54	53601 DALM_T2	2	2	0	4.9	4.2	-0.7	-0.45	-0.72	1	1	0	900	900	0
6/8/2023 11:55	44802 EDAN_T2	0	0	0	0	0	0	-1.68	-1.71	1	1	0	1200	1200	0
6/8/2023 11:55	64801 MONE_T2	4	3	-1	0.35	0.4	0.05	0.34	0.32	0	0	0	0	0	0
6/8/2023 11:59	52004 LING_T2	0	1	1	0	0.2	0.2	0.29	0.3	0	0	0	0	0	0
6/8/2023 12:01	67503 WEWI_T2	0	0	0	0	0	0	0.02	-0.16	0	0	0	0	0	0
6/8/2023 12:03	44802 EDAN_T2	0	0	0	0	0	0	-1.68	-1.71	1	1	0	1200	1200	0
6/8/2023 12:04	66502 SMAN_T2	1	1	0	0.1	0.3	0.2	0	0	0	0	0	0	0	0
6/8/2023 12:07	42201 SHEN_T2	0	0	0	0	0	0	0.54	0.55	0	0	0	0	0	0
6/8/2023 12:08	40502 CRES_T2	3	18	15	0.3	0.32	0.02	0.08	0.1	0	0	0	0	0	0
6/8/2023 12:09	67502 WEWI_T2	7	11	4	0.36	0.34	-0.02	0	0	0	0	0	0	0	0
6/8/2023 12:12	67502 WEWI_T2	7	11	4	0.36	0.34	-0.02	-0.21	-0.22	0	0	0	0	0	0
6/8/2023 12:12	28403 HART_T2	1	1	0	7.4	7.1	-0.3	-0.64	-0.64	1	1	0	900	900	0
6/8/2023 12:14	65902 SAKR_T2	0	0	0	0	0	0	-0.04	-0.02	1	1	0	300	300	0
6/8/2023 12:15	14402 SSLA_T1	4	2	-2	0.45	0.35	-0.1	0	0	0	0	0	0	0	0
6/8/2023 12:16	67204 TEHI_T2	1	1	0	0.1	0.6	0.5	0	-0.02	0	0	0	0	0	0
6/8/2023 12:21	66903 SHIL_T2	0	0	0	0	0	0	-0.48	-0.5	0	0	0	0	0	0
6/8/2023 12:22	29401 BELT_T1	1	0	-1	0.1	0	-0.1	0	0	0	0	0	0	0	0
6/8/2023 12:22	28403 HART_T2	1	1	0	7.3	7.1	-0.2	-0.64	-0.65	1	1	0	900	900	0
6/8/2023 12:23	67204 TEHI_T2	1	1	0	0.1	0.6	0.5	-0.02	-0.01	0	0	0	0	0	0
6/8/2023 12:26	66903 SHIL_T2	0	0	0	0	0	0	-0.48	-0.5	0	0	0	0	0	0
6/8/2023 12:28	42902 MIDD_T2	0	0	0	0	0	0	-0.52	-0.57	1	1	0	600	600	0
6/8/2023 12:29	10805 CHHI_T2	8	2	-6	1.16	4.15	2.99	-1.4	-1.47	2	2	0	1800	1800	0
6/8/2023 12:33	29402 BELT_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
6/8/2023 12:42	10805 CHHI_T2	2	1	-1	4.15	8.2	4.05	-1.47	-1.42	2	2	0	1800	1800	0
6/8/2023 12:48	56801 BENV_T1	6	8	2	0.53	0.31	-0.22	-0.09	-0.07	0	0	0	0	0	0
6/8/2023 13:21	67502 WEWI_T2	3	3	0	0.5	0.43	-0.07	0.02	-0.04	0	0	0	0	0	0
6/8/2023 13:24	28604 BLYT_T2	0	0	0	0	0	0	-1.33	-1.35	0	0	0	0	0

Appendix C - Grid Benefits Achieved in Each Instance of Active Management

6/8/2023 17:27	53501 EVIL_T2	6	2	-4	0.42	0.4	-0.02	-0.26	-0.7	1	1	0	600	600	0
6/8/2023 17:27	56801 BENV_T1	5	5	0	0.18	0.22	0.04	-0.14	-0.06	0	0	0	0	0	0
6/8/2023 17:31	58402 MORO_T1	0	0	0	0	0	0	-0.9	-0.87	2	2	0	1500	1500	0
6/8/2023 17:32	56801 BENV_T1	5	2	-3	0.22	0.1	-0.12	-0.07	-0.03	0	0	0	0	0	0
6/8/2023 17:35	27503 WEIS_T2	2	0	-2	0.1	0	-0.1	0	0	0	0	0	0	0	0
6/8/2023 17:35	44801 EDAN_T2	1	1	0	0.2	0.2	0	0	0	0	0	0	0	0	0
6/8/2023 17:35	41802 GOCI_T2	2	0	-2	0.1	0	-0.1	0	0	0	0	0	0	0	0
6/8/2023 17:35	56801 BENV_T1	5	2	-3	0.22	0.1	-0.12	-0.03	-0.05	0	0	0	0	0	0
6/8/2023 17:36	67204 TEHI_T2	53	70	17	0.12	0.17	0.05	0.16	0.16	0	0	0	0	0	0
6/8/2023 17:36	55101 WERT_T1	0	0	0	0	0	0	-1.72	-1.73	3	3	0	2400	2400	0
6/8/2023 17:37	67503 WEWI_T2	0	0	0	0	0	0	0.11	0.09	0	0	0	0	0	0
6/8/2023 17:37	53501 EVIL_T2	1	2	1	0.2	0.4	0.2	-0.7	-0.8	1	1	0	600	600	0
6/8/2023 17:38	40502 CRES_T2	0	0	0	0	0	0	0.69	0.68	0	0	0	0	0	0
6/8/2023 17:39	15001 BLMO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
6/8/2023 17:39	66505 SMAN_T2	1	4	3	2	0.25	-1.75	0.65	0.03	1	2	1	900	1500	600
6/8/2023 17:40	53601 DALM_T2	1	1	0	0.2	0.2	0	-0.11	-0.07	0	0	0	0	0	0
6/8/2023 17:40	40502 CRES_T2	0	0	0	0	0	0	0.69	0.68	0	0	0	0	0	0
6/8/2023 17:41	67503 WEWI_T2	0	0	0	0	0	0	0.11	0.09	0	0	0	0	0	0
6/8/2023 17:41	66903 SHIL_T2	0	0	0	0	0	0	-0.43	-0.42	0	0	0	0	0	0
6/8/2023 17:41	56801 BENV_T1	5	2	-3	0.22	0.1	-0.12	-0.03	-0.05	0	0	0	0	0	0
6/8/2023 17:41	52004 LING_T2	0	0	0	0	0	0	0.19	0.35	0	0	0	0	0	0
6/8/2023 17:42	29402 BELT_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
6/8/2023 17:42	58402 MORO_T1	0	0	0	0	0	0	-0.87	-0.84	2	2	0	1500	1500	0
6/8/2023 17:44	20402 ASHF_T2	5	6	1	0.16	0.25	0.09	0	0	0	0	0	0	0	0
6/8/2023 17:44	15001 BLMO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
6/8/2023 17:44	66505 SMAN_T2	1	4	3	2	0.25	-1.75	0.65	0.03	2	2	0	1500	1500	0
6/8/2023 17:44	56801 BENV_T1	5	2	-3	0.22	0.1	-0.12	-0.06	-0.1	0	2	2	0	1200	1200
6/8/2023 17:45	45003 LIME_2	1	1	0	3.7	4	0.3	0	0	1	1	0	1200	1200	0
6/8/2023 17:45	56801 BENV_T1	0	29	29	0	0.74	0.74	-0.03	-0.05	0	1	1	0	600	600
6/8/2023 17:45	53501 EVIL_T2	2	1	-1	0.4	0.2	-0.2	-0.7	-0.8	1	1	0	600	600	0
6/8/2023 17:46	56803 BENV_T1	0	1	1	0	0.1	0.1	0	0	0	0	0	0	0	0
6/8/2023 17:46	60801 BUCK_T1	167	181	14	0.85	1	0.15	0	0	0	0	0	0	0	0
6/8/2023 17:47	64203 KINZ_T1	0	0	0	0	0	0	0.34	0.37	0	0	0	0	0	0
6/8/2023 17:47	56801 BENV_T1	0	29	29	0	0.74	0.74	-0.06	-0.1	0	2	2	0	1200	1200
6/8/2023 17:47	53501 EVIL_T2	2	1	-1	0.4	0.2	-0.2	-0.7	-0.8	1	1	0	600	600	0
6/8/2023 17:47	56802 BENV_T2	1	2	1	1.1	1.3	0.2	-1.08	-1.02	0	0	0	0	0	0
6/8/2023 17:49	10805 CHHI_T2	1	1	0	8.4	8.1	-0.3	-0.82	-0.99	1	1	0	600	600	0
6/8/2023 17:50	42701 AUGU_T1	0	1	1	0	1	1	0	0	2	2	0	1800	1800	0
6/8/2023 17:50	40502 CRES_T2	0	0	0	0	0	0	0.68	0.71	0	0	0	0	0	0
6/8/2023 17:50	42201 SHEN_T2	0	0	0	0	0	0	0.54	0.55	0	0	0	0	0	0
6/8/2023 17:51	55101 WERT_T1	0	0	0	0	0	0	-1.73	-0.95	3	3	0	2400	2400	0
6/8/2023 17:51	58402 MORO_T1	0	0	0	0	0	0	-0.84	-0.86	2	2	0	1500	1500	0
6/8/2023 17:51	65604 QVIL_T2	2	2	0	0.15	0.15	0	0.07	0.05	0	0	0	0	0	0
6/8/2023 17:52	56803 BENV_T1	0	1	1	0	0.1	0.1	0	0	0	0	0	0	0	0
6/8/2023 17:52	28604 BLYT_T2	0	0	0	0	0	0	-1.3	-1.3	0	0	0	0	0	0
6/8/2023 17:52	42802 SELI_T1	1	0	-1	0.1	0	-0.1	-0.87	-0.85	1	1	0	900	900	0
6/8/2023 17:52	28403 HART_T2	1	1	0	6.8	6.5	-0.3	-0.56	-0.57	1	1	0	900	900	0
6/8/2023 17:54	40502 CRES_T2	0	0	0	0	0	0	0.68	0.71	0	0	0	0	0	0
6/8/2023 17:55	64101 REFR_T1	0	0	0	0	0	0	0.05	0.09	0	0	0	0	0	0
6/8/2023 18:02	44802 EDAN_T2	0	0	0	0	0	0	-1.74	-1.68	1	1	0	1200	1200	0
6/8/2023 18:06	44801 EDAN_T2	1	1	0	0.2	0.2	0	0	0	0	0	0	0	0	0
6/8/2023 19:22	44801 EDAN_T2	0	2	2	0	0.3	0.3	0	0	0	0	0	0	0	0
6/8/2023 20:24	28604 BLYT_T2	0	0	0	0	0	0	-1.34	-1.34	0	0	0	0	0	0
6/8/2023 20:42	20401 ASHF_T2	101	101	0	0.67	0.61	-0.06	0	0	0	0	0	0	0	0
6/8/2023 21:13	56801 BENV_T1	31	35	4	0.8	1.01	0.21	-0.76	-0.74	1	1	0	600	600	0
6/8/2023 21:45	64301 LINC_T1	0	0	0	0	0	0	0.39	0.42	0	0	0	0	0	0
6/8/2023 21:49	65604 QVIL_T2	19	43	24	0.3	0.29	-0.01	-0.07	-0.05	0	0	0	0	0	0
6/8/2023 22:13	13704 SCHN_T2	0	1	1	0	0.1	0.1	-0.37	-0.37	0	0	0	0	0	0
6/8/2023 22:18	66505 SMAN_T2	3	2	-1	0.17	0.1	-0.07	0.01	-0.1	1	1	0	900	900	0
6/8/2023 22:18	15001 BLMO_T1	0	3	3	0	0.23	0.23	0	0	0	0	0	0	0	0
6/8/2023 22:25	60803 BUCK_T1	2	7	5	0.2	0.19	-0.01	-1	-0.98	1	1	0	600	600	0
6/8/2023 22:28	56802 BENV_T2	1	1	0	0.9	0.4	-0.5	-0.67	-0.67	0	0	0	0	0	0
6/8/2023 22:31	64203 KINZ_T1	0	0	0	0	0	0	0.24	0.19	0	0	0	0	0	0
6/8/2023 22:32	42201 SHEN_T2	0	0	0	0	0	0	0.44	0.43	0	0	0	0	0	0
6/8/2023 22:33	53501 EVIL_T2	1	1	0	0.7	0.6	-0.1	-0.29	-0.34	0	0	0	0	0	0
6/8/2023 22:44	40502 CRES_T2	0	0	0	0	0	0	0.44	0.43	0	0	0	0	0	0
6/8/2023 22:47	15001 BLMO_T1	3	4	1	0.23	0.35	0.12	0	0	0	0	0	0	0	0
6/8/2023 22:52	67202 TEHI_T2	0	1	1	0	0	0	0	0	0	0	0	0	0	0
6/8/2023 22:57	42802 SELI_T1	1	1	0	0.4	0.9	0.5	-0.05	-0.02	0	0	0	0	0	0
6/8/2023 23:02	15001 BLMO_T1	4	4	0	0.35	0.43	0.08	0	0	0	0	0	0	0	0
6/8/2023 23:02	52403 GRPA_T2	0	2	2	0	0.9	0.9	-0.07	-0.06	0	0	0	0	0	0
6/8/2023 23:08	61801 EEU_T2	0	2	2	0	0.4	0.4	-1.01	-1.01	1	1	0	600	600	0
6/8/2023 23:09	40201 BEGA_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
6/8/2023 23:12	42802 SELI_T1	1	1	0	0.9	0.8	-0.1	-0.02	-0.05	0	0	0	0	0	0
6/8/2023 23:12	28602 BLYT_T2	1	0	-1	0.6	0	-0.6	0	0	0	0	0	0	0	0
6/8/2023 23:15	55101 WERT_T1	0	0	0	0	0	0	-0.82	-0.86	1	1	0	900	900	0
6/8/2023 23:16	28403 HART_T2	1	1	0	6.9	6.7	-0.2	-0.68	-0.68	1	1	0	900	900	0
6/8/2023 23:16	40101 HUNT_T2	2	3	1	0.2	0.5	0.3	-0.63	-0.61	0	0	0	0	0	0
6/8/2023 23:17	42001 MNVL_T2	0	16	16	0	0.13	0.13	-0.08	-0.11	0	0	0	0	0	0
6/8/2023 23:23	64101 REFR_T1	0	0	0	0	0	0	0.08	0.04	0	0	0	0	0	0
6/8/2023 23:26	49804 UNIV_T1	0	2	2	0	0.3	0.3	0.32	0.36	0	0	0	0	0	0
6/8/2023 23:27	56801 BENV_T1	39	43	4	1.37	1.39	0.02	-0.87	-0.24	1	0	-1	600	0	-600
6/8/2023 23:30	58402 MORO_T1	0	0	0	0	0	0	-0.49	-0.5	1	1	0	600	600	0
6/8/2023 23:31	56803 BENV_T1	10	2	-8	0.42	0.15	-0.27	0	0	0	0	0	0	0	0
6/8/2023 23:33	56801 BENV_T1	43	27	-16	1.39	1.2	-0.19	-0.87	-0.24	0	0	0	0	0	0
6/8/2023 23:33	56802 BENV_T2	12	19	7	0.22	0.17	-0.05	-0.77	-0.79	0	0	0	0	0	0
6/8/2023 23:36	56801 BENV_T1	43	27	-16	1.39	1.2	-0.19	-0.48	-0.48	0	0	0	0	0	0
6/8/2023 23:37	53501 EVIL_T2	17	21	4	0.79	1.18	0.39	-0.77	-0.72	0	0	0	0	0	0
6/8/2023 23:38	12701 MACU_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
6/8/2023 23:41	56803 BENV_T1	10	2	-8	0.42	0.15	-0.27	0	0	0	0	0	0	0	0
6/8/2023 23:41	42701 AUGU_T1	0	1	1	0	0.1	0.1	0	0	1	1	0	600	600	0
6/8/2023 23:44	56801 BENV_T1	43	27	-16	1.39	1.2	-0.19	-0.24	-0.24	0	0	0	0	0	0
6/8/2023 23:44	55101 WERT_T1	0	0	0	0	0	0	-0.83	-0.8	1	1	0	900	900	0
6/8/2023 23:47	51604 DUKE_T2	0	14	14	0	0.12	0.12	-0.66	-1.74	1	1	0	900	900	0
6/8/2023 23:49	53501 EVIL_T2	21	21	0	0.96	1.22	0.26	-0.72	-0.75	0	0	0	0	0	0
6/8/2023 23:51	56802 BENV_T2	1	19	18	1.3	0.17	-1.13	-0.76	-1.5	0	0	0	0	0	0
6/8/2023 23:53	42701 AUGU_T1	1	0	-1	0.1	0	-0.1	0	0	1	1	0	600	600	0
6/8/2023 23:58	52004 LING_T2	1	1	0	0.2	0.3	0.1	0.09	0.09	0	0	0	0	0	0
6/8/2023 23:58	53601 DALM_T2	2	2	0	1.95	1.1	-0.85	0.92	0.88	0	0	0	0	0	0
6/8/2023 23:59	44802 EDAN_T2	0	0	0	0	0	0	-1.84	-1.84	1	1	0	1200	1200	0
6/9/2023 0:02	66505 SMAN_T2	3	3	0	0.8	0.97	0.17	-0.21	-0.24	1	1	0	900	900	0
6/9/2023 0:05	67503 WEWI_T2	0	0	0	0	0	0	-0.28	-0.28	0	0	0	0	0	0
6/9/2023 0:11	28403 HART_T2	1	1	0	6.7	6.9	0.2	-0.68	-0.71	1	1	0	900	900	0
6/9/2023 0:11	42201 SHEN_T2	0	0	0	0	0	0	0.41	0.39	0	0	0	0	0	0
6/9/2023 0:12	40502 CRES_T2	13	0	-13	0.2	0	-0.2	0.37	0.36	0	0	0	0	0	0
6/9/2023 0:12	65902 SAKR_T2	0	0	0	0	0	0	-0.23	-0.2	1	1	0	300	300	0
6/9/2023 0:14	40502 CRES_T2	13	0	-13	0.2	0	-0.2	0.37	0.36	0	0	0	0	0	0
6/9/2023 0:15	67503 WEWI_T2	0	0	0	0	0	0	-0.28	-0.28	0	0	0	0	0	0
6/9/2023 0:15	67503 WEWI_T2	0	0	0	0	0	0	-0.28	-0.28	0	0	0	0	0	0
6/9/2023 0:16	40502 CRES_T2	0	0	0	0	0	0	0.37	0.36	0	0	0	0	0	0
6/9/2023 0:17	63401 HONY_T1	0	0	0	0	0	0	0.51	0.54	0	0	0	0	0	0
6/9/2023 0:18	40502 CRES_T2	0	0	0	0	0	0	0.37	0.36	0	0	0	0	0	0
6/9/2023 0:19	64801 MONE_T2	0	0	0	0	0	0	0.28	0.28	0	0	0	0	0	0
6/9/2023 0:20	66901 SHIL_T2	0	1	1	0	0.2	0.2	0	0	0	0	0	0	0	0
6/9/2023 0:21	29402 BELT_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
6/9/2023 0:21	24101 EHAZ_T1	0	0	0	0	0	0	0.67	0.62	0	0	0	0	0	0
6/9/2023 0:28	58402 MORO_T1	0	0	0	0	0	0	-0.57	-0.57	1	1	0	600	600	0
6/9/2023 0:28	51604 DUKE_T2	0	0	0	0	0	0	-1.98	-1.98	0	0	0	0	0	0
6/9/2023 0:28	28602 BLYT_T2	1	1	0	0.2	0.4	0.2	0	0	0	0	0	0	0	0
6/9/2023 0:28	40502 CRES_T2	0	0	0	0	0	0	2.16	1.98	0	0	0	0	0	0
6/9/2023 0:28	42802 SELI_T1	1	1	0	0.9	1.4	0.5	-0.06	-0.08	0	0	0	0	0	0
6/9/2023 0:28	52403 GRPA_T2	0	0	0	0	0	0	-0.02	-0.04	0	0	0	0	0	0
6/9/2023 0:28	28403 HART_T2	1	1	0	6.9	7	0.1	-0.71	-0.68	1	1	0	900	900	0
6/9/2023 0:28	49804 UNIV_T1	1	2	1	0.7	1.1	0.4	0.32	0.32	0	0	0	0	0	0
6/9/2023 0:28	65604 QVIL_T2	52	94	42	0.22	0.39	0.17	-0.16	-0.15	0	0	0	0	0	0
6/9/2023 0:28	65903 SAKR_T2	0	1	1	0	0.1	0.1	0	0	0	0	0	0	0	0
6/9/2023 0:28	66505 SMAN_T2	3	3	0	0.87	1.03	0.16	-0.22	-0.22	1	1	0	900	900	0
6/9/2023 0:28	42201 SHEN_T2	0	0	0	0	0	0	0.78	0.78	0	0	0	0	0	0
6/9/2023 0:28	13704 SCHN_T2	0	0	0	0	0	0	-0.45	-0.47	0	0	0	0	0	0
6/9/2023 0:28	56801 BENV_T1	19	27	8	0.49	1.27	0.78	-7.2	-7.36	0	8	8	0	4800	4800
6/9/2023 0:28	67502 WEWI_T2	0	0	0	0	0	0	-1.62	-1.6	1	1	0	900	900	0
6/9/2023 0:28	64203 KINZ_T1	0	0	0	0	0	0	0.08	0.11	0	0	0	0	0	0
6/9/2023 0:28	52004 LING_T2	0	0	0	0	0	0	0.08	0.03	0	0	0	0	0	0
6/9/2023 0:28	42701 AUGU_T1	0	1	1	0	0.2	0.2	0	0	1	1	0	600	600	0
6/9/2023 0:28	12701 MACU_T1	0	0	0	0	0	0	0	-0.02	0	0	0	0	0	0
6/9/2023 0:28	29401 BELT_T1	0	0	0	0	0	0	0	0	1	1	0	900	900	0
6/9/2023 0:28	44802 EDAN_T2	0	0	0	0	0	0	-1.85	-1.87	1	1	0	1200	1200	0
6/9/2023 0:28	15001 BLMO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
6/9/2023 0:28	55101 WERT_T1	0	0	0	0	0	0	-1.58	-1.58	2	2	0	1500	1500	0
6/9/2023 0:28	67502 WEWI_T2	0	0	0	0	0	0	-1.62	-1.6	1	1	0	900	900	0
6/9/2023 0:28	53601 DALM_T2	1	1	0	1.1	1.5	0.4	0.86	0.86	0	0	0	0	0	0
6/9/2023 0:28	64301 LINC_T1	0	0	0	0	0	0	0.21	0.16	0	0	0	0	0	0
6/9/2023 0:28	20401 ASHF_T2	38	65	27	0.23	0.36	0.13	0	0	0	0	0	0	0	0
6/9/2023 0:28	64801 MONE_T2	0	0	0	0	0	0	0.28	0.28	0	0	0	0	0	0
6/9/2023 0:28	56802 BENV_T2	7	1	-6	0.26	0.8	0.54	-1.49	-1.48	0	0	0	0	0	0
6/9/2023 0:28	64101 REFR_T1	0	0	0	0	0	0	0.03	0.03	0	0	0	0	0	0
6/9/2023 0:28	60801 BUCK_T1	183	190	7	0.69	0.96	0.27	0	0	0	0	0	0	0	0
6/9/2023 0:28	61801 EEU_T2	0	0	0	0	0	0	-1.04	-1.08	1	1	0	600	600	0
6/9/2023 0:28	53501 EVIL_T2	20	21	1	1.2	1.31	0.11	-2.3	-2.3	0	0	0	0	0	0
6/9/2023 0:29	28403 HART_T2	1	1	0	6.9	7	0.1	-0.71	-0.68	1	1	0	900	900	0
6/9/2023 0:33	66903 SHIL_T2	0	0	0	0	0	0	-0.7	-0.7	0	0	0	0	0	0
6/9/2023 0:33	10805 CHHI_T2	1	1	0	7.5	7.5	0	-1.03	-1.18	1	1	0	600	600	0
6/9/2023 0:34	24105 EHAZ_T1	4	4	0	6.58	6.6	0.02	0	0	0	0	0	0	0	0
6/9/2023 0:34	14403 SSLA_T1	0	0	0	0	0	0	0.56	0.55	0	0	0	0	0	0
6/9/2023 0:36	63404 HONY_T1	2	2	0	9.3	9.45	0.15	0	0	0	0	0	0	0	0
6/9/2023 0:37	14403 SSLA_T1	0	0	0	0	0	0	0.56	0.55	0	0	0	0	0	0
6/9/2023 0:40	29402 BELT_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
6/9/2023 0:46	67502 WEWI_T2	0	0	0	0	0	0	-1.6	-1.67	1	1	0	900	900	0
6/9/2023 0:46	42903 MIDD_T2	2	2	0	0.5	0.3	-0.2	0	0	0	0	0	0	0	0
6/9/2023 0:49	10805 CHHI_T2	1	1	0	7.5	7.6	0.1	-1.16	-1.13	1	1	0	600	600	0
6/9/2023 0:51	42903 MIDD_T2	2	2	0	0.5	0.3	-0.2	0	0	0	0	0	0	0	0
6/9/2023 0:57	67502 WEWI_T2	0	0	0	0	0	0	-1.67	-1.62	1	1	0	900	900	0
6/9/2023 1:04	55101 WERT_T1	0	0	0	0	0	0	-1.61	-1.59	2	2	0	1500	1500	0
6/9/2023 1:06	67502 WEWI_T2	0	0	0	0	0	0	-1.62	-1.66	1	1	0	900	900	0
6/9/2023 1:07	15001 BLMO_T1	3	4	1	0.3	0.3	0	0	0	0	0	0	0	0	0
6/9/2023 1:08	61801 EEU_T2	0	0	0	0	0	0	-1.09	-1.08	1	1	0	600	600	0
6/9/2023 1:12	27502 WEIS_T2	0	0	0	0	0	0	-0.37	-0.41	0	0	0	0	0	0
6/9/2023 1:12	29401 BELT_T1	0	0	0	0	0	0	0	0	1	1	0	900	900	0
6/9/2023 1:12	41801 GOCI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
6/9/2023 1:13	13704 SCHN_T2	0	0	0	0	0	0	-0.39	-0.47	0	0	0	0	0	0
6/9/2023 1:13	56801 BENV_T1	27	28	1	1.31	1.51	0.2	-1.84	-1.84	2	2	0	1200	1200	0
6/9/2023 1:15	67503 WEWI_T2	0	0	0	0	0	0	-0.31	-0.33	0	0	0	0	0	0
6/9/2023 1:16	40502 CRES_T2	0	0	0	0	0	0	0.33	0.33	0	0	0	0	0	0
6/9/2023 1:16	56801 BENV_T1	27	28	1	1.28	1.53	0.25	-0.92	-0.92	1	1	0	600	600	0
6/9/2023 1:17	53501 EVIL_T2	20	20	0	0.88	0.97	0.09	-0.78	-0.78	0	0	0	0	0	0
6/9/2023 1:18	53601 DALM_T2	1	1	0	0.7	0.7	0	0.82	0.84	0	0	0	0	0	0
6/9/2023 1:18	52004 LING_T2	0	0	0	0	0	0	0.08	0.06	0	0	0	0	0	0
6/9/2023 1:18	40502 CRES_T2	0	0	0	0	0	0	0.33	0.33

Appendix C - Grid Benefits Achieved in Each Instance of Active Management

6/9/2023 3:39	51604 DUKE_T2	0	0	0	0	0	0	-1.8	-1.8	1	1	0	900	900	0
6/9/2023 4:07	56801 BENV_T1	29	29	0	1.29	1.48	0.19	-0.94	-0.94	1	1	0	600	600	0
6/9/2023 4:16	28403 HART_T2	1	1	0	7.2	6.9	-0.3	-0.72	-0.72	1	1	0	900	900	0
6/9/2023 4:17	63401 HONY_T1	0	0	0	0	0	0	0.67	0.72	0	0	0	0	0	0
6/9/2023 10:00	51902 COPA_T1	0	0	0	0	0	0	-1.67	-1.62	0	0	0	0	0	0
6/9/2023 10:00	64204 KINZ_T1	1	1	0	1.3	1.4	0.1	0	0	0	0	0	0	0	0
6/9/2023 10:00	42001 MNVL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
6/9/2023 10:00	20401 ASHF_T2	9	7	-2	0.28	0.27	-0.01	0	0	0	0	0	0	0	0
6/9/2023 10:00	58402 MORO_T1	0	0	0	0	0	0	-1.92	-1.98	4	4	0	3000	3000	0
6/9/2023 10:00	64802 MONE_T2	3	4	1	0.43	0.38	-0.05	0	0	0	0	0	0	0	0
6/9/2023 10:00	67502 WEWI_T2	1	1	0	0.1	0.4	0.3	-0.55	-0.37	0	0	0	0	0	0
6/9/2023 10:00	49804 UNIV_T1	1	0	-1	0.2	0	-0.2	1.37	1.35	0	0	0	0	0	0
6/9/2023 10:00	44802 EDAN_T2	0	0	0	0	0	0	-3.42	-3.28	2	2	0	2400	2400	0
6/9/2023 10:00	67502 WEWI_T2	1	1	0	0.1	0.4	0.3	-0.55	-0.37	0	0	0	0	0	0
6/9/2023 10:00	27502 WEIS_T2	0	0	0	0	0	0	0.28	0.28	0.19	0	0	0	0	0
6/9/2023 10:00	15001 BLMO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
6/9/2023 10:00	61801 EELI_T2	1	1	0	0.1	0.3	0.2	-0.81	-0.81	1	1	0	600	600	0
6/9/2023 10:00	40201 BEGA_T2	1	1	0	0.2	0.4	0.2	0	0	0	0	0	0	0	0
6/9/2023 10:00	66505 SMAN_T2	0	0	0	0	0	0	0.48	0.62	2	2	0	1100	1100	0
6/9/2023 10:00	66903 SHIL_T2	0	0	0	0	0	0	-0.53	-0.54	0	0	0	0	0	0
6/9/2023 10:00	29401 BELT_T1	53	50	-3	0.28	0.24	-0.04	0	0	2	2	0	1800	1800	0
6/9/2023 10:00	53501 EVIL_T2	0	1	1	0	0.2	0.2	1.21	1.24	0	0	0	0	0	0
6/9/2023 10:00	29402 BELT_T1	1	2	1	0.5	0.3	-0.2	0	0	0	0	0	0	0	0
6/9/2023 10:00	64101 REFR_T1	0	0	0	0	0	0	0.06	0.08	0	0	0	0	0	0
6/9/2023 10:00	24105 EHAZ_T1	4	4	0	5.73	5.88	0.15	0	0	0	0	0	0	0	0
6/9/2023 10:00	53601 DALM_T2	0	1	1	0	0.5	0.5	-0.49	-0.54	1	1	0	900	900	0
6/9/2023 10:00	40502 CRES_T2	0	0	0	0	0	0	3.84	3.96	0	0	0	0	0	0
6/9/2023 10:00	56801 BENV_T1	28	33	5	1.1	0.93	-0.17	-1.28	-0.96	0	0	0	0	0	0
6/9/2023 10:00	14403 SSLA_T1	3	2	-1	0.2	0.55	0.35	0.86	0.86	0	0	0	0	0	0
6/9/2023 10:00	65902 SAKR_T2	0	0	0	0	0	0	0.17	0.19	0	0	0	0	0	0
6/9/2023 10:00	52004 LING_T2	0	1	1	0	0.2	0.2	0.32	0.31	0	0	0	0	0	0
6/9/2023 10:00	56802 BENV_T2	3	9	6	0.67	0.42	-0.25	-2.76	-2.6	0	0	0	0	0	0
6/9/2023 10:00	65604 QVIL_T2	14	9	-5	0.26	0.23	-0.03	0.18	0.18	0	0	0	0	0	0
6/9/2023 10:00	10805 CHHI_T2	1	7	6	8.1	8	-0.1	-1.41	-1.38	2	2	0	1800	1800	0
6/9/2023 10:00	60801 BUCK_T1	190	188	-2	0.83	0.59	-0.24	0	0	0	0	0	0	0	0
6/9/2023 10:00	42201 SHEN_T2	0	1	1	0	0.1	0.1	0.86	0.88	0	0	0	0	0	0
6/9/2023 10:00	41801 GOCI_T2	5	2	-3	0.4	0.2	-0.2	0	0	0	0	0	0	0	0
6/9/2023 10:00	64301 LINC_T1	0	0	0	0	0	0	0.81	0.31	1	1	0	600	600	0
6/9/2023 10:00	67605 WARW_T1	0	11	11	0	0.25	0.25	0	0	0	0	0	0	0	0
6/9/2023 10:00	28403 HART_T2	1	1	0	7.2	7.2	0	-1.32	-1.3	2	2	0	1800	1800	0
6/9/2023 10:00	42701 AUGU_T1	1	1	0	0.7	0.8	0.1	0	0	6	6	0	5400	5400	0
6/9/2023 10:00	63401 HONY_T1	0	0	0	0	0	0	0.97	0.96	0	0	0	0	0	0
6/9/2023 10:00	45003 LIME_2	1	2	1	2.4	2.3	-0.1	0	0	1	1	0	1200	1200	0
6/9/2023 10:00	51604 DUKE_T2	0	0	0	0	0	0	-0.6	-0.59	0	0	0	0	0	0
6/9/2023 10:00	52503 PROG_T2	0	0	0	0	0	0	-0.69	-0.67	1	1	0	900	900	0
6/9/2023 10:00	40101 HUNT_T2	0	0	0	0	0	0	-0.21	-0.22	0	0	0	0	0	0
6/9/2023 10:00	59402 RFLD_T2	0	0	0	0	0	0	-0.99	-0.95	1	1	0	450	450	0
6/9/2023 10:00	59101 WALK_T2	0	0	0	0	0	0	1.34	1.43	0	0	0	0	0	0
6/9/2023 10:00	67204 TEHI_T2	0	0	0	0	0	0	-0.07	-0.05	0	0	0	0	0	0
6/9/2023 10:00	56601 HAMP_T1	0	0	0	0	0	0	-0.15	-0.12	0	0	0	0	0	0
6/9/2023 10:00	28604 BLYT_T2	0	0	0	0	0	0	-2.76	-2.74	0	0	0	0	0	0
6/9/2023 10:00	52402 GRPA_T2	2	2	0	0.95	0.8	-0.15	0	0	0	0	0	0	0	0
6/9/2023 10:00	42802 SELI_T1	1	1	0	0.4	0.5	0.1	-1.78	-1.72	2	2	0	1800	1800	0
6/9/2023 10:00	55101 WERT_T1	0	0	0	0	0	0	-2.3	-1.9	4	4	0	3600	3600	0
6/9/2023 10:00	12701 MACU_T1	0	0	0	0	0	0	0.08	0.08	0	0	0	0	0	0
6/9/2023 10:00	59301 MCAL_T1	2	2	0	0.75	0.6	-0.15	-1.1	-1.07	0	0	0	0	0	0
6/9/2023 10:00	12604 MACA_T1	0	0	0	0	0	0	0.38	0.36	0	0	0	0	0	0
6/9/2023 10:00	42902 MIDD_T2	1	0	-1	0.4	0	-0.4	-0.37	-0.44	1	1	0	600	600	0
6/9/2023 10:20	13704 SCHN_T2	0	0	0	0	0	0	-0.05	-0.27	0	0	0	0	0	0
6/9/2023 10:35	55101 WERT_T1	0	0	0	0	0	0	-1.06	-1.52	2	3	1	1800	2400	600
6/9/2023 10:40	66505 SMAN_T2	0	0	0	0	0	0	0.54	0.52	2	2	0	1100	1100	0
6/9/2023 10:41	60801 BUCK_T1	187	173	-14	0.57	0.46	-0.11	0	0	0	0	0	0	0	0
6/9/2023 11:03	51108 CARL_T1	1	1	0	0.1	0.1	0	0	0	0	0	0	0	0	0
6/9/2023 11:03	67502 WEWI_T2	1	2	1	0.2	0.25	0.05	0	0	0	0	0	0	0	0
6/9/2023 11:10	59101 WALK_T2	0	0	0	0	0	0	1.02	1.14	0	0	0	0	0	0
6/9/2023 11:15	15001 BLMO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
6/9/2023 11:17	52503 PROG_T2	2	1	-1	0.2	0.1	-0.1	-0.72	-0.67	1	1	0	900	900	0
6/9/2023 11:20	61802 EELI_T2	0	1	1	0	0	0	0	0	0	0	0	0	0	0
6/9/2023 11:20	56802 BENV_T2	2	3	1	0.9	0.73	-0.17	-0.59	-0.64	0	0	0	0	0	0
6/9/2023 11:20	42201 SHEN_T2	0	0	0	0	0	0	0.42	0.42	0	0	0	0	0	0
6/9/2023 11:21	56802 BENV_T2	2	3	1	0.9	0.73	-0.17	-0.59	-0.64	0	0	0	0	0	0
6/9/2023 11:21	28403 HART_T2	1	1	0	7.6	7.6	0	-0.64	-0.65	1	1	0	900	900	0
6/9/2023 11:21	53501 EVIL_T2	1	5	4	0.7	0.34	-0.36	0.4	0.31	0	0	0	0	0	0
6/9/2023 11:21	40501 CRES_T2	0	0	0	0	0	0	0.62	0.67	0	0	0	0	0	0
6/9/2023 11:21	66901 SHIL_T2	0	0	0	0	0	0	-1.01	-1.13	1	1	0	1200	1200	0
6/9/2023 11:26	42802 SELI_T1	0	1	1	0	0.4	0.4	-0.81	-0.87	1	1	0	900	900	0
6/9/2023 11:40	66902 SHIL_T2	0	1	1	0	0.2	0.2	0	0	0	0	0	0	0	0
6/9/2023 11:40	46602 LACR_T1	0	0	0	0	0	0	0.11	0.11	0	0	0	0	0	0
6/9/2023 11:51	44801 EDAN_T2	0	1	1	0	0.3	0.3	0	0	0	0	0	0	0	0
6/9/2023 11:52	42802 SELI_T1	1	1	0	0.4	0.3	-0.1	-0.79	-0.84	1	1	0	900	900	0
6/9/2023 11:55	60803 BUCK_T1	184	189	5	0.68	0.94	0.26	0	0	0	0	0	0	0	0
6/9/2023 11:56	28403 HART_T2	1	1	0	7.7	7.6	-0.1	-0.66	-0.67	1	1	0	900	900	0
6/9/2023 11:58	42802 SELI_T1	1	1	0	0.4	0.3	-0.1	-0.79	-0.84	1	1	0	900	900	0
6/9/2023 12:02	58402 MORO_T1	0	0	0	0	0	0	-1.03	-1.1	2	2	0	1500	1500	0
6/9/2023 12:09	10805 CHHI_T2	1	1	0	8	7.7	-0.3	-1.59	-1.5	2	2	0	1800	1800	0
6/9/2023 12:09	60801 BUCK_T1	185	189	4	0.73	0.94	0.21	0	0	0	0	0	0	0	0
6/9/2023 12:09	45601 WOOL_T1	1	1	0	0	0	0	0	0	0	0	0	0	0	0
6/9/2023 12:10	58402 MORO_T1	0	0	0	0	0	0	-1.1	-1.13	2	2	0	1500	1500	0
6/9/2023 12:10	40901 JESH_T1	1	1	0	0.3	0.4	0.1	0	0	0	0	0	0	0	0
6/9/2023 12:15	58402 MORO_T1	0	0	0	0	0	0	-1.1	-1.13	2	2	0	1500	1500	0
6/9/2023 12:16	53501 EVIL_T2	7	5	-2	0.57	0.5	-0.07	0.01	0.06	0	0	0	0	0	0
6/9/2023 12:16	58402 MORO_T1	0	0	0	0	0	0	-1.1	-1.13	2	2	0	1500	1500	0
6/9/2023 12:24	28604 BLYT_T2	0	0	0	0	0	0	-1.35	-1.35	0	0	0	0	0	0
6/9/2023 12:30	53501 EVIL_T2	5	6	1	0.34	0.53	0.19	0.06	-0.06	0	0	0	0	0	0
6/9/2023 12:31	44802 EDAN_T2	0	0	0	0	0	0	-1.63	-1.67	1	1	0	1200	1200	0
6/9/2023 12:38	52502 PROG_T2	0	0	0	0	0	0	-0.67	-0.61	1	1	0	900	900	0
6/9/2023 12:42	66502 SMAN_T2	1	1	0	0.3	0.2	-0.1	0	0	0	0	0	0	0	0
6/9/2023 12:44	64801 MONE_T2	2	2	0	0.25	0.3	0.05	0.37	0.4	0	0	0	0	0	0
6/9/2023 12:48	66505 SMAN_T2	0	0	0	0	0	0	0.76	0.74	2	2	0	1100	1100	0
6/9/2023 12:55	64802 MONE_T2	6	9	3	0.63	0.53	-0.1	0	0	0	0	0	0	0	0
6/9/2023 13:01	29402 BELT_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
6/9/2023 13:06	42902 MIDD_T2	0	1	1	0	0.1	0.1	-0.28	-0.31	1	1	0	600	600	0
6/9/2023 13:14	29402 BELT_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
6/9/2023 13:23	47802 MOCA_T2	0	0	0	0	0	0	0.42	0.37	0	0	0	0	0	0
6/9/2023 13:26	42902 MIDD_T2	1	0	-1	0.1	0	-0.1	-0.31	-0.29	1	1	0	600	600	0
6/9/2023 13:27	67502 WEWI_T2	2	3	1	0.3	0.47	0.17	-0.2	-0.19	0	0	0	0	0	0
6/9/2023 13:54	59002 MIFF_T1	2	0	-2	0.1	0	-0.1	0	0	0	0	0	0	0	0
6/9/2023 14:04	56802 BENV_T2	2	6	4	0.7	0.43	-0.27	-0.55	-0.51	0	0	0	0	0	0
6/9/2023 14:12	42802 SELI_T1	0	1	1	0	0.2	0.2	-0.81	-0.73	1	1	0	900	900	0
6/9/2023 14:14	56803 BENV_T1	0	1	1	0	0.1	0.1	0	0	0	0	0	0	0	0
6/9/2023 14:45	55101 WERT_T1	0	0	0	0	0	0	-1.28	-1.24	3	3	0	2400	2400	0
6/9/2023 14:45	41801 GOCI_T2	7	107	100	0.33	0.32	-0.01	0	0	0	0	0	0	0	0
6/9/2023 14:48	41802 GOCI_T2	7	11	4	0.23	0.26	0.03	0	0	0	0	0	0	0	0
6/9/2023 15:09	42001 MNVL_T2	1	3	2	0.3	0.7	0.4	0	0	0	0	0	0	0	0
6/9/2023 15:45	54001 SDLE_T1	6	5	-1	0.8	0.9	0.1	0	0	0	0	0	0	0	0
6/9/2023 15:47	56803 BENV_T1	0	1	1	0	0	0	0	0	0	0	0	0	0	0
6/9/2023 15:48	65604 QVIL_T2	0	3	3	0	0.13	0.13	0.29	0.3	0	0	0	0	0	0
6/9/2023 15:51	52402 GRPA_T2	3	1	-2	0.33	0.3	-0.03	0	0	0	0	0	0	0	0
6/9/2023 15:55	64301 LINC_T1	0	0	0	0	0	0	-0.06	-0.01	1	1	0	600	600	0
6/9/2023 15:56	65604 QVIL_T2	0	3	3	0	0.13	0.13	0.3	0.18	0	0	0	0	0	0
6/9/2023 15:59	64301 LINC_T1	0	0	0	0	0	0	-0.06	-0.01	1	1	0	600	600	0
6/9/2023 16:02	59402 RFLD_T2	7	0	-7	0.23	0	-0.23	-1.63	-0.75	1	1	0	450	450	0
6/9/2023 16:19	46506 LOHA_T1	1	0	-1	0.7	0	-0.7	-0.35	-0.38	0	0	0	0	0	0
6/9/2023 16:21	47403 PENS_T1	1	1	0	2.7	2.5	-0.2	0	0	0	0	0	0	0	0
6/9/2023 16:25	41801 GOCI_T2	70	21	-49	0.23	0.21	-0.02	0	0	0	0	0	0	0	0
6/9/2023 16:28	15001 BLMO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
6/9/2023 16:33	53601 DALM_T2	1	1	0	0.3	0.5	0.2	-0.05	-0.1	0	0	0	0	0	0
6/9/2023 16:35	64301 LINC_T1	0	0	0	0	0	0	-0.01	-0.08	1	1	0	600	600	0
6/9/2023 16:36	53501 EVIL_T2	9	8	-1	0.56	0.94	0.38	-0.41	-0.35	0	0	0	0	0	0
6/9/2023 16:36	67503 WEWI_T2	0	0	0	0	0	0	0.2	0.21	0	0	0	0	0	0
6/9/2023 16:37	15001 BLMO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
6/9/2023 16:40	60801 BUCK_T1	64	100	36	0.37	0.37	0	0	0	0	0	0	0	0	0
6/9/2023 16:40	20402 ASHF_T2	0	2	2	0	0.15	0.15	0	0	0	0	0	0	0	0
6/9/2023 16:41	65902 SAKR_T2	0	0	0	0	0	0	-0.28	-0.28	1	1	0	300	300	0
6/9/2023 16:41	56802 BENV_T2	0	1	1	0	0.8	0.8	-0.48	-0.45	0	0	0	0	0	0
6/9/2023 16:41	29402 BELT_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
6/9/2023 16:42	66505 SMAN_T2	0	0	0	0	0	0	0.65	0.68	2	2	0	1100	1100	0
6/9/2023 16:42	46005 BERW_T1	1	0	-1	0.3	0	-0.3	0	0	0	0	0	0	0	0
6/9/2023 16:42	40502 CRES_T2	1	4	3	0.1	0.2	0.1	0.02	0.01	0	0	0	0	0	0
6/9/2023 16:42	56803 BENV_T1	1	0	-1	0.1	0	-0.1	0	0	0	0	0	0	0	0
6/9/2023 16:42	58402 MORO_T1	0	0	0	0	0	0	-1.02	-0.99	2	2	0	1500	1500	0
6/9/2023 16:43	47401 PENS_T1	0	0	0	0	0	0	0.98	0.91	0	0	0	0	0	0
6/9/2023 16:43	40502 CRES_T2	1	4	3	0.1	0.2	0.1	0.02	0.01	0	0	0	0	0	0
6/9/2023 16:44	64801 MONE_T2	0	0	0	0	0	0	0.49	0.45	0	0	0	0	0	0
6/9/2023 16:47	56801 BENV_T1	21	31	10	0.39	0.38	-0.01	-0.61	-0.62	1	1	0	600	600	0
6/9/2023 16:48	40502 CRES_T2	3	3	0	0.2	0.13	-0.07	0.02	0.01	0	0	0	0	0	0
6/9/2023 16:48	65604 QVIL_T2	8	11	3	0.25	0.26	0.01	0.11	0.14	0	0	0	0	0	0
6/9/2023 16:50	58402 MORO_T1	0	0	0	0	0	0	-0.99	-0.96	2	2	0	1500	1500	0
6/9/2023 16:52	40502 CRES_T2	3	3	0	0.2	0.13	-0.07	0.01	0.04	0	0	0	0	0	0
6/9/2023 16:52	64201 KINZ_T1	1	1	0	0.1	0.7	0.6	0	0	0	0	0	0	0	0
6/9/2023 16:54	67204 TEHI_T2	0	0	0	0	0	0	0.02	0.19	0	0	0	0	0	0
6/9/2023 16:55	56802 BENV_T2	0	1	1	0	0.8	0.8	-0.45	-0.49	0	0	0	0	0	0
6/9/2023 16:55	11104 EGYP_T1	6	5	-1	0.43	0.2	-0.23	0.83	0.83	0	0	0	0	0	0
6/9/2023 16:56	44502 HAMI_T2	1	1	0	2.7	3.1	0.4	-0.76	-0.82	0	0	0	0	0	0
6/9/2023 16:56	42701 AUGU_T1	1	1	0	0.4	0.5	0.1	0	0	2	2	0	1800	1800	0
6/9/2023 16:56	15001 BLMO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
6/9/2023 16:57	42201 SHEN_T2	0	0	0	0	0	0	0.54	0.54	0	0	0	0	0	0
6/9/2023 16:58	15001 BLMO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
6/9/2023 16:58	64204 KINZ_T1	1	1	0	1	1	0	0	0	0	0	0	0	0	0
6/9/2023 17:02	15001 BLMO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
6/9/2023 17:03	27503 WEIS_T2	0	1	1	0	4.2	4.2	0	0	0	0	0	0	0	0
6/9/2023 17:12	64204 KINZ_T1	1	1	0	0.3	1.2	0.9	0	0	0	0	0	0	0	0
6/9/2023 17:18	15001 BLMO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
6/9/2023 17:20	41902 REID_T1	0	0	0	0	0	0	1.14	1.09	0	0	0	0	0	0
6/9/2023 17:31	40502 CRES_T2	0	17	17	0	0.26	0.26	0.01	0.02	0	0	0	0	0	0
6/9/2023 17:35	56802 BENV_T2	0	18	18	0	0.14	0.14	-0.62	-0.66	0	0	0	0	0	0
6/9/2023 17:43	46506 LOHA_T1	0	0	0	0	0	0	-0.36	-0.36	0	0	0	0	0	0
6/9/2023 17:45	46504 LOHA_T1	2	4	2	1.05	0.85	-0.2	0	0	0	0	0	0	0	0
6/9/2023 17:46	56802 BENV_T2	1	62	61	0.6	0.16	-0.44	-0.62	-0.66	0	0	0	0	0	0
6/9/2023 18:01	20602 GRWO_T2	9	61	52	0.13	0.2	0.07	0	0	0	0	0	0	0	0
6/9/2023 18:04	20601 GRWO_T2	3	6	3	0.13	0.18	0.05	0	0	0	0	0	0	0	0
6/9/2023 18:33	48302 ORWI_T2	2	2	0	1.7	1.7	0	-0.21	-0.22	0	0	0	0	0	0
6/9/2023 18:40	64204 KINZ_T1	1	1	0	1.2	1.6	0.4	0	0	0	0	0	0	0	0
6/9/2023 18:55	56802 BENV_T2	9	17	8	0.26	0.18	-0.08	-0.6	-0.55	0	0	0	0	0	0
6/9/2023 18:57	41602 CLEV_T1	0	0	0	0	0	0	0	0	1	1	0	600	600	0
6/9/2023 20:18	52502 PROG_T2	0	0	0	0	0	0	-0.6	-0.59	1	1	0	900	900	0
6/9/2023 20:23	28602 BLYT_T2	1	1	0	0.2	0.2	0	0	0	0	0	0	0	0	0
6/9/2023 20:29	52404 GRPA_T2	1	1	0	0.3	0.4	0.1	0	0	0

6/10/2023 0:03	67503 WEWI_T2	0	0	0	0	0	0	-0.29	-0.29	0	0	0	0	0	0
6/10/2023 0:10	53601 DALM_T2	1	1	0	1.2	1.6	0.4	-0.1	-0.12	0	0	0	0	0	0
6/10/2023 0:10	42701 AUGU_T1	0	0	0	0	0	0	0	0	2	2	0	1800	1800	0
6/10/2023 0:14	40502 CRES_T2	0	0	-5	0.1	0	-0.1	0.36	0.38	0	0	0	0	0	0
6/10/2023 0:14	65902 SAKR_T2	0	0	0	0	0	0	-0.26	-0.24	0	0	0	0	0	0
6/10/2023 0:15	44801 EDAN_T2	1	1	0	0.5	0	-0.5	0	0	0	0	0	0	0	0
6/10/2023 0:20	40502 CRES_T2	0	0	0	0	0	0	0.38	0.35	0	0	0	0	0	0
6/10/2023 0:21	66505 SMAN_T2	0	0	0	0	0	0	-0.23	-0.31	1	1	0	900	900	0
6/10/2023 0:22	40502 CRES_T2	0	0	0	0	0	0	0.38	0.35	0	0	0	0	0	0
6/10/2023 0:23	64801 MONE_T2	0	0	0	0	0	0	0.15	0.14	0	0	0	0	0	0
6/10/2023 0:24	29402 BELT_T1	114	166	52	1.06	1	-0.06	0	0	0	0	0	0	0	0
6/10/2023 0:26	11104 EGYP_T1	0	0	0	0	0	0	0.37	0.37	0	0	0	0	0	0
6/10/2023 0:28	40901 JESH_T1	1	1	0	0.2	0.1	-0.1	0	0	0	0	0	0	0	0
6/10/2023 0:28	45003 LIME_2	2	2	0	2.7	2.9	0.2	0	0	1	1	0	1200	1200	0
6/10/2023 0:28	46504 LOHA_T1	2	49	47	1.3	0.51	-0.79	0	0	0	0	0	0	0	0
6/10/2023 0:28	53502 EVIL_T2	1	4	3	0.1	0.15	0.05	0	0	0	0	0	0	0	0
6/10/2023 0:28	44801 EDAN_T2	1	1	0	0.5	0	-0.5	0	0	0	0	0	0	0	0
6/10/2023 0:28	42701 AUGU_T1	0	1	1	0	0.1	0.1	0	0	2	2	0	1800	1800	0
6/10/2023 0:28	15001 BLMO_T1	3	4	1	0.2	0.28	0.08	0	0	0	0	0	0	0	0
6/10/2023 0:28	41801 GOCI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
6/10/2023 0:28	42802 SELI_T1	0	0	0	0	0	0	-0.12	-0.09	0	0	0	0	0	0
6/10/2023 0:28	58402 MORO_T1	0	0	0	0	0	0	-0.68	-0.68	1	1	0	600	600	0
6/10/2023 0:28	28604 BLYT_T2	0	0	0	0	0	0	-1.47	-1.48	0	0	0	0	0	0
6/10/2023 0:28	42201 SHEN_T2	3	3	0	0.33	0.3	-0.03	0.32	0.33	0	0	0	0	0	0
6/10/2023 0:28	47802 MOCA_T2	0	0	0	0	0	0	-1.06	-1.1	0	0	0	0	0	0
6/10/2023 0:28	46602 LACR_T1	0	0	0	0	0	0	-1.07	-1.05	0	0	0	0	0	0
6/10/2023 0:28	64202 KINZ_T1	3	3	0	1.13	1.13	0	0	0	0	0	0	0	0	0
6/10/2023 0:28	42002 MNVL_T2	1	1	0	3	3.1	0.1	0	0	0	0	0	0	0	0
6/10/2023 0:28	61801 EELI_T2	0	0	0	0	0	0	-1.09	-1.1	1	1	0	600	600	0
6/10/2023 0:28	56802 BENV_T2	1	1	0	0.6	0.8	0.2	-3.04	-3	0	0	0	0	0	0
6/10/2023 0:28	64301 LINC_T1	0	0	0	0	0	0	0.1	0.1	0	0	0	0	0	0
6/10/2023 0:28	56801 BENV_T1	26	29	3	0.9	1.12	0.22	-4.6	-4.6	5	5	0	3000	3000	0
6/10/2023 0:28	59402 RFLD_T2	0	0	0	0	0	0	-0.85	-0.86	1	1	0	450	450	0
6/10/2023 0:28	44501 HAMI_T2	1	0	-1	0.1	0	-0.1	0	0	0	0	0	0	0	0
6/10/2023 0:28	40502 CRES_T2	0	0	0	0	0	0	0.38	0.35	0	0	0	0	0	0
6/10/2023 0:28	20401 ASHF_T2	21	48	27	0.22	0.24	0.02	0	0	0	0	0	0	0	0
6/10/2023 0:28	66505 SMAN_T2	0	0	0	0	0	0	-0.23	-0.31	1	1	0	900	900	0
6/10/2023 0:29	40901 JESH_T1	1	1	0	0.2	0.1	-0.1	0	0	0	0	0	0	0	0
6/10/2023 0:30	42701 AUGU_T1	0	1	1	0	1.1	1.1	0	0	2	2	0	1800	1800	0
6/10/2023 0:31	42201 SHEN_T2	3	3	0	0.3	0.2	-0.1	0.32	0.33	0	0	0	0	0	0
6/10/2023 0:31	56801 BENV_T1	27	29	2	1.03	1.32	0.29	-0.92	-0.92	1	1	0	600	600	0
6/10/2023 0:31	28403 HART_T2	1	1	0	7.7	6.2	-1.5	-0.69	-0.7	1	1	0	900	900	0
6/10/2023 0:33	15001 BLMO_T1	3	4	1	0.2	0.45	0.25	0	0	0	0	0	0	0	0
6/10/2023 0:34	58402 MORO_T1	0	0	0	0	0	0	-0.68	-0.71	1	1	0	600	600	0
6/10/2023 0:38	20602 GRWO_T2	2	0	-2	0.15	0	-0.15	0	0	0	0	0	0	0	0
6/10/2023 0:40	40502 CRES_T2	0	0	0	0	0	0	0.35	0.35	0	0	0	0	0	0
6/10/2023 0:40	56802 BENV_T2	1	1	0	0.7	1	0.3	-1.5	-1.49	0	0	0	0	0	0
6/10/2023 0:42	40502 CRES_T2	0	0	0	0	0	0	0.35	0.35	0	0	0	0	0	0
6/10/2023 0:43	64204 KINZ_T1	130	142	12	0.37	0.67	0.3	0	0	0	0	0	0	0	0
6/10/2023 0:44	28403 HART_T2	1	1	0	7.7	6.2	-1.5	-0.7	-0.71	1	1	0	900	900	0
6/10/2023 0:47	64201 KINZ_T1	5	48	43	0.64	0.2	-0.44	0.5	0.52	0	0	0	0	0	0
6/10/2023 0:48	27502 WEIS_T2	0	1	1	0	0	0	-0.36	-0.36	0	0	0	0	0	0
6/10/2023 0:48	10805 CHHI_T2	1	1	0	7.6	7.4	-0.2	-1.21	-1.22	0	0	0	0	0	0
6/10/2023 0:49	66505 SMAN_T2	0	0	0	0	0	0	-0.33	-0.39	1	1	0	900	900	0
6/10/2023 0:50	64203 KINZ_T1	0	1	1	0	0.1	0.1	0.07	0.06	0	0	0	0	0	0
6/10/2023 0:51	20603 GRWO_T2	51	77	26	0.22	0.25	0.03	0.27	0.27	0	0	0	0	0	0
6/10/2023 0:51	63401 HONY_T1	0	0	0	0	0	0	0.16	0.2	0	0	0	0	0	0
6/10/2023 0:52	63401 HONY_T1	0	0	0	0	0	0	0.16	0.2	0	0	0	0	0	0
6/10/2023 0:55	41602 CLEV_T1	0	0	0	0	0	0	0	0	1	1	0	600	600	0
6/10/2023 1:00	67502 WEWI_T2	0	0	0	0	0	0	-1.67	-1.64	1	1	0	900	900	0
6/10/2023 1:01	15001 BLMO_T1	4	4	0	0.45	0.38	-0.07	0	0	0	0	0	0	0	0
6/10/2023 1:06	40502 CRES_T2	0	0	0	0	0	0	0.35	0.34	0	0	0	0	0	0
6/10/2023 1:07	10805 CHHI_T2	1	1	0	7.4	7.5	0.1	-1.2	-1.23	0	0	0	0	0	0
6/10/2023 1:13	41602 CLEV_T1	0	0	0	0	0	0	0	0	1	1	0	600	600	0
6/10/2023 1:15	67502 WEWI_T2	0	0	0	0	0	0	-1.64	-1.66	1	1	0	900	900	0
6/10/2023 1:38	20603 GRWO_T2	52	78	26	0.25	0.23	-0.02	0.26	0.25	0	0	0	0	0	0
6/10/2023 1:40	46602 LACR_T1	0	0	0	0	0	0	-1.08	-1.05	0	0	0	0	0	0
6/10/2023 1:44	56801 BENV_T1	28	29	1	1.31	1.39	0.08	-0.95	-0.95	1	1	0	600	600	0
6/10/2023 1:59	20401 ASHF_T2	57	47	-10	0.36	0.27	-0.09	0	0	0	0	0	0	0	0
6/10/2023 2:09	46504 LOHA_T1	49	58	9	0.56	0.97	0.41	0	0	0	0	0	0	0	0
6/10/2023 2:23	28604 BLYT_T2	0	0	0	0	0	0	-1.49	-1.49	0	0	0	0	0	0
6/10/2023 2:27	56801 BENV_T1	29	29	0	1.39	1.47	0.08	-0.95	-0.96	1	1	0	600	600	0
6/10/2023 2:31	28403 HART_T2	1	1	0	6.7	6.6	-0.1	-0.71	-0.72	1	1	0	900	900	0
6/10/2023 2:31	56802 BENV_T2	1	1	0	1.3	1.3	0	-1.54	-1.57	0	0	0	0	0	0
6/10/2023 2:33	40502 CRES_T2	0	0	0	0	0	0	0.32	0.31	0	0	0	0	0	0
6/10/2023 2:38	53502 EVIL_T2	3	14	11	0.1	0.13	0.03	0	0	0	0	0	0	0	0
6/10/2023 2:38	28604 BLYT_T2	0	0	0	0	0	0	-1.49	-1.49	0	0	0	0	0	0
6/10/2023 2:40	40502 CRES_T2	0	0	0	0	0	0	0.31	0.31	0	0	0	0	0	0
6/10/2023 2:43	40501 CRES_T2	0	0	0	0	0	0	0.42	0.41	0	0	0	0	0	0
6/10/2023 2:44	56801 BENV_T1	29	29	0	1.45	1.43	-0.02	-0.96	-0.96	1	1	0	600	600	0
6/10/2023 2:45	61801 EELI_T2	1	1	0	0.1	0.1	0	-1.14	-1.14	1	1	0	600	600	0
6/10/2023 2:46	42802 SELI_T1	0	0	0	0	0	0	-0.15	-0.14	0	0	0	0	0	0
6/10/2023 2:46	42201 SHEN_T2	3	3	0	0.3	0.4	0.1	0.31	0.32	0	0	0	0	0	0
6/10/2023 3:11	63404 HONY_T1	2	2	0	9.1	9.15	0.05	0	0	0	0	0	0	0	0
6/10/2023 3:28	10805 CHHI_T2	1	1	0	7.3	7.4	0.1	-1.26	-1.28	0	0	0	0	0	0
6/10/2023 3:42	67502 WEWI_T2	0	0	0	0	0	0	-1.71	-1.66	1	1	0	900	900	0
6/10/2023 3:43	28604 BLYT_T2	0	0	0	0	0	0	-1.49	-1.5	0	0	0	0	0	0
6/10/2023 3:59	44802 EDAN_T2	0	0	1	0	0	0	-1.93	-1.93	1	1	0	1200	1200	0
6/10/2023 4:03	64202 KINZ_T1	83	88	5	0.31	0.26	-0.05	0	0	0	0	0	0	0	0
6/10/2023 4:35	59402 RFLD_T2	0	0	0	0	0	0	-0.89	-0.88	1	1	0	450	450	0
6/10/2023 4:35	41602 CLEV_T1	0	0	0	0	0	0	0	0	1	1	0	600	600	0
6/10/2023 4:43	56801 BENV_T1	29	29	0	1.46	1.51	0.05	-0.96	-0.95	1	1	0	600	600	0
6/10/2023 5:24	56801 BENV_T1	29	29	0	1.36	1.43	0.07	-0.96	-0.98	1	1	0	600	600	0
6/10/2023 5:32	42001 MNVL_T2	0	0	0	1.2	0	0	-0.16	-0.14	0	0	0	0	0	0
6/10/2023 5:37	45003 LIME_2	2	2	0	2.4	2.4	0	0	0	1	1	0	1200	1200	0
6/10/2023 5:40	46504 LOHA_T1	34	38	4	0.31	0.29	-0.02	0	0	0	0	0	0	0	0
6/10/2023 5:44	42001 MNVL_T2	0	0	0	0	0	0	-0.14	-0.13	0	0	0	0	0	0
6/10/2023 5:52	42002 MNVL_T2	1	1	0	3.2	2.6	-0.6	0	0	0	0	0	0	0	0
6/10/2023 10:00	28604 BLYT_T2	0	0	0	0	0	0	-1.34	-1.33	0	0	0	0	0	0
6/10/2023 10:00	44801 EDAN_T2	1	1	0	0.3	0.6	0.3	0	0	0	0	0	0	0	0
6/10/2023 10:00	67605 WARW_T1	1	1	0	0.6	0.8	0.2	0	0	0	0	0	0	0	0
6/10/2023 10:00	10805 CHHI_T2	1	1	0	8.4	8.5	0.1	-0.97	-0.91	0	0	0	0	0	0
6/10/2023 10:00	20401 ASHF_T2	62	65	3	0.31	0.36	0.05	0	0	0	0	0	0	0	0
6/10/2023 10:00	46504 LOHA_T1	2	1	-1	0.35	0.1	-0.25	0	0	0	0	0	0	0	0
6/10/2023 10:00	64301 LINC_T1	0	0	0	0	0	0	0.21	0.24	0	0	0	0	0	0
6/10/2023 10:00	56801 BENV_T1	23	14	-9	0.76	0.76	0	-3.85	-3.75	5	5	0	3000	3000	0
6/10/2023 10:00	41602 CLEV_T1	0	0	0	0	0	0	0	0	1	1	0	600	600	0
6/10/2023 10:00	52503 PROG_T2	0	0	0	0	0	0	-0.63	-0.61	1	1	0	900	900	0
6/10/2023 10:00	42201 SHEN_T2	0	0	0	0	0	0	0.41	0.41	0	0	0	0	0	0
6/10/2023 10:00	60803 BUCK_T1	0	0	0	0	0	0	-1.82	-1.76	2	2	0	1200	1200	0
6/10/2023 10:00	63404 HONY_T1	2	2	0	7.8	8.15	0.35	0	0	0	0	0	0	0	0
6/10/2023 10:00	11104 EGYP_T1	0	0	0	0	0	0	0.64	0.64	0	0	0	0	0	0
6/10/2023 10:00	67503 WEWI_T2	0	0	0	0	0	0	-0.37	-0.39	0	0	0	0	0	0
6/10/2023 10:00	53601 DALM_T2	1	1	0	0.8	0.7	-0.1	-0.03	-0.03	0	0	0	0	0	0
6/10/2023 10:00	40502 CRES_T2	3	0	-3	0.1	0	-0.1	-0.05	0	0	0	0	0	0	0
6/10/2023 10:00	67502 WEWI_T2	1	2	1	0.5	0.45	-0.05	-1.32	-1.39	1	1	0	900	900	0
6/10/2023 10:00	52503 PROG_T2	0	0	0	0	0	0	-0.63	-0.61	1	1	0	900	900	0
6/10/2023 10:00	59001 MIFF_T1	1	1	0	0.2	1.1	0.9	0	0	0	0	0	0	0	0
6/10/2023 10:00	45003 LIME_2	1	2	1	2.7	2.8	0.1	0	0	1	1	0	1200	1200	0
6/10/2023 10:00	12604 MACA_T1	0	0	0	0	0	0	0.31	0.36	0	0	0	0	0	0
6/10/2023 10:00	20603 GRWO_T2	11	9	-2	0.38	0.34	-0.04	0.4	0.47	0	0	0	0	0	0
6/10/2023 10:00	40901 JESH_T1	1	1	0	0.8	1	0.2	0	0	0	0	0	0	0	0
6/10/2023 10:00	64203 KINZ_T1	0	0	0	0	0	0	1.01	0.91	0	0	0	0	0	0
6/10/2023 10:00	29402 BELT_T1	67	88	21	0.56	0.69	0.13	0	0	0	0	0	0	0	0
6/10/2023 10:00	47403 PENS_T1	1	1	0	2.7	2.7	0	0	0	0	0	0	0	0	0
6/10/2023 10:00	66505 SMAN_T2	0	0	0	0	0	0	1.13	1.11	4	4	0	2200	2200	0
6/10/2023 10:00	65604 QVIL_T2	12	9	-3	0.21	0.19	-0.02	-0.03	-0.01	0	0	0	0	0	0
6/10/2023 10:00	48302 ORWI_T2	2	2	0	1.2	1.15	-0.05	-0.26	-0.24	0	0	0	0	0	0
6/10/2023 10:00	42802 SELI_T1	0	0	0	0	0	0	0.16	0.07	0	0	0	0	0	0
6/10/2023 10:00	27502 WEIS_T2	0	0	0	0	0	0	-0.14	-0.05	0	0	0	0	0	0
6/10/2023 10:00	56802 BENV_T2	1	1	0	0.1	0.7	0.6	-2.04	-3.87	0	0	0	0	0	0
6/10/2023 10:00	66902 SHIL_T2	0	1	1	0	0.5	0.5	0	0	0	0	0	0	0	0
6/10/2023 10:00	67204 TEHI_T2	1	1	0	0.3	0.2	-0.1	-0.48	-0.44	0	0	0	0	0	0
6/10/2023 10:00	45601 WOOL_T1	1	1	0	0	0	0	0	0	0	0	0	0	0	0
6/10/2023 10:00	46602 LACR_T1	0	0	0	0	0	0	-0.98	-0.99	0	0	0	0	0	0
6/10/2023 10:00	51107 CARL_T1	0	0	0	0	0	0	-1.53	-1.53	0	0	0	0	0	0
6/10/2023 10:00	42002 MNVL_T2	1	1	0	2.8	2.8	0	0	0	0	0	0	0	0	0
6/10/2023 10:00	41801 GOCI_T2	3	7	4	0.4	0.49	0.09	0	0	0	0	0	0	0	0
6/10/2023 10:00	15001 BLMO_T1	1	1	0	0.2	0.3	0.1	0	0	0	0	0	0	0	0
6/10/2023 10:00	55101 WERT_T1	0	0	0	0	0	0	-0.94	-1.11	2	3	1	1500	2400	900
6/10/2023 10:00	64203 KINZ_T1	0	0	0	0	0	0	1.01	0.91	0	0	0	0	0	0
6/10/2023 10:00	28403 HART_T2	1	1	0	6.4	6.6	0.2	-0.62	-0.62	1	1	0	900	900	0
6/10/2023 10:00	64801 MONE_T2	0	1	1	0	0.3	0.3	0.54	0.56	0	0	0	0	0	0
6/10/2023 10:00	42903 MIDD_T2	2	2	0	0.5	0.5	0	0	0	0	0	0	0	0	0
6/10/2023 10:00	41902 REED_T1	0	0	0	0	0	0	0.88	0.85	0	0	0	0	0	0
6/10/2023 10:00	56601 HAMP_T1	0	0	0	0	0	0	-0.11	-0.18	0	0	0	0	0	0
6/10/2023 10:00	59402 RFLD_T2	0	0	0	0	0	0	-0.74	-0.69	1	1	0	450	450	0
6/10/2023 10:00	47802 MOCA_T2	0	1	1	0	0.3	0.3	-1	-0.97	0	0	0	0	0	0
6/10/2023 10:00	46001 BERW_T1	0	0	0	0	0	0	0.24	0.27	0	0	0	0	0	0
6/10/2023 10:00	53501 EVIL_T2	16	16	0	0.81	0.56	-0.25	-0.7	-0.74	0	0	0	0	0	0
6/10/2023 10:00	58402 MORO_T1	0	0	0	0	0	0	-1	-1.04	2	2	0	1200	1200	0
6/10/2023 10:00	44502 HAMI_T2	1	1	0	2.6	2.6	0	-0.9	-0.87	0	0	0	0	0	0
6/10/2023 10:00	12701 MACU_T1	0	0	0	0	0	0	0.12	0.11	0	0	0	0	0	0
6/10/2023 10:00	42701 AUGU_T1	0	0	0	0	0	0	0	0	1	1	0	600	600	0
6/10/2023 10:00	59101 WALK_T2	0	0	0	0	0	0	1.3	1.26	0	0	0	0	0	0
6/10/2023 10:00	65902 SAKR_T2	0	0	0	0	0	0	-0.6	-0.59	1	1	0	300	300	0
6/10/2023 10:08	54001 SDLE_T1	2	1	-1	0.6	0.9	0.3	0	0	1	1	0	600	600	0
6/10/2023 10:39	47403 PENS_T1	1	1	0	2.7	2.5	-0.2	0	0	0	0	0	0	0	0
6/10/2023 10:43	46506 LOHA_T1	0	0	0	0	0	0	-0.49	-0.48	0	0	0	0	0	0
6/10/2023 12:16	42001 MNVL_T2	1	1	0	0.4	0.4	0	0	0	0	0	0	0	0	0
6/10/2023 12:21	52502 PROG_T2	0	0	0	0	0	0	-0.49	-0.49	1	1	0	900	900	0
6/10/2023 10:00	56601 HAMP_T1	0	0	0	0	0	0	-0.18	-0.11	0	0	0	0	0	0
6/11/2023 10:00	12604 MACA_T1	0	0	0	0	0	0	0.51	0.5	0	0	0	0	0	0
6/11/2023 10:00	67604 WARW_T1	0	0	0	0	0	0	-0.01	-0.01	0	0	0	0	0	0
6/11/2023 10:00	64801 MONE_T2	0	0	0	0	0	0	0.4	0.45	0	0	0	0	0	0
6/11/2023 10:00	52503 PROG_T2	0	0	0	0	0	0	-0.63	-0.64	1	1	0	900	900	0
6/12/2023 10:00	12604 MACA_T1	0	0	0	0	0	0	0.56	0.55	0	0	0	0	0	0
6/12/2023 10:00	52503 PROG_T2	0	0	0	0	0	0	-0.45	-0.42	1	1	0	900	900	0
6/12/2023 10:00	64801 MONE_T2	0	0	0	0	0	0	0.5	0.5	0	0	0	0	0	0
6/12/2023 10:00	67604 WARW_T1	0	0	0	0	0	0	0.26	0.29	0	0	0	0	0	0
6/12/2023 10:00	56601 HAMP_T1	0	0	0	0	0	0	-0.16	-0.2	0	0	0	0	0	0
6/12/2023 15:19	59301 MCAL_T1	2	2	0	0.6	0.75	0.15	-1.66	-1.68	1	1	0	600	600	0
6/12/2023 15:43	65604 QVIL_T2	0	0	0	0	0	0	0.28	0.24	0	0	0	0	0	0
6/12/2023 15:48	28601 BLYT_T2	1	1	0	0.2	0	-0.2	0	0	0	0	0	0	0	0
6/12/2023 15:49	28403 HART_T2	1	1	0	7.6	7.6	0	-0.68	-0.68	1	1	0	900	900	0
6/12/2023 15:51	64301 LINC_T1	0	0	0	0	0	0	0.3	0.35	1	1	0	600	600	0
6/12/2023 16:12	63404 HONY_T1	2	2	0	6.6	7.1	0.5	0	0	0	0	0	0	0	0
6/12/2023 16:14	12701 MACU_T1	0	0	0	0	0	0	0.21	0.2	0	0	0	0	0	0
6/12/2023 16:23	66903 SHIL_T2	1

Appendix C - Grid Benefits Achieved in Each Instance of Active Management

6/12/2023 18:27	24105 EHAZ_T1	4	4	0	6.45	6.3	-0.15	-1.22	-1.22	1	1	0	1200	1200	0
6/12/2023 18:42	67502 WEWI_T2	0	0	0	0	0	0	-0.97	-1.06	1	1	0	900	900	0
6/12/2023 18:46	44502 HAMI_T2	1	1	0	3.1	3.2	0.1	-0.68	-0.72	0	0	0	0	0	0
6/12/2023 19:04	16301 ALPA_T1	7	72	65	0.17	0.13	-0.04	-1.32	-1.33	0	0	0	0	0	0
6/12/2023 19:15	42201 SHEN_T2	0	0	0	0	0	0	0.54	0.56	0	0	0	0	0	0
6/12/2023 19:21	64203 KINZ_T1	0	0	0	0	0	0	0.38	0.38	0	0	0	0	0	0
6/12/2023 19:58	24105 EHAZ_T1	4	4	0	6.13	6.13	0	-1.23	-1.34	1	1	0	1200	1200	0
6/12/2023 20:26	27502 WEIS_T2	0	0	0	0	0	0	-0.5	-0.56	0	0	0	0	0	0
6/12/2023 21:00	56802 BENV_T2	166	226	60	0.36	0.4	0.04	-0.56	-0.62	0	0	0	0	0	0
6/12/2023 21:25	60801 BUCK_T1	137	160	23	0.5	0.68	0.18	0	0	0	0	0	0	0	0
6/12/2023 21:31	47401 PENS_T1	0	0	0	0	0	0	0.97	0.93	0	0	0	0	0	0
6/12/2023 22:30	15001 BLMO_T1	550	709	159	1.54	2.15	0.61	0	0	0	0	0	0	0	0
6/12/2023 22:36	64204 KINZ_T1	1	1	0	1.4	1.5	0.1	0	0	0	0	0	0	0	0
6/12/2023 22:36	67204 TEHI_T2	0	0	0	0	0	0	-0.21	-0.22	0	0	0	0	0	0
6/12/2023 22:42	61801 EEU_T2	0	0	0	0	0	0	-0.35	-0.4	0	0	0	0	0	0
6/12/2023 22:55	59101 WALK_T2	0	0	0	0	0	0	1.18	1.21	0	0	0	0	0	0
6/12/2023 22:56	61202 REIN_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
6/12/2023 23:11	60101 COCA_T1	0	0	0	0	0	0	0.31	0.27	0	0	0	0	0	0
6/12/2023 23:18	40902 JESH_T1	0	0	0	0	0	0	-0.45	-0.4	1	1	0	600	600	0
6/12/2023 23:18	59101 WALK_T2	0	0	0	0	0	0	1.21	1.1	0	0	0	0	0	0
6/12/2023 23:18	43202 MVIL_T2	0	0	0	0	0	0	-0.73	-0.74	0	0	0	0	0	0
6/12/2023 23:19	42002 MNVL_T2	1	3	0	2.9	2.9	0	0	0	0	0	0	0	0	0
6/12/2023 23:21	58402 MORO_T1	0	0	0	0	0	0	-0.57	-0.47	1	1	0	600	600	0
6/12/2023 23:24	47403 PENS_T1	0	1	1	0	2.5	2.5	0	0	0	0	0	0	0	0
6/12/2023 23:25	46001 BERW_T1	0	0	0	0	0	0	0.4	0.39	0	0	0	0	0	0
6/12/2023 23:26	56803 BENV_T1	0	0	0	0	0	0	0.11	0.12	0	0	0	0	0	0
6/12/2023 23:27	46302 ROHR_T1	3	3	0	1.03	1.37	0.34	0.12	0.14	0	0	0	0	0	0
6/12/2023 23:28	58402 MORO_T1	0	0	0	0	0	0	-0.57	-0.47	1	1	0	600	600	0
6/12/2023 23:28	59101 WALK_T2	0	0	0	0	0	0	1.1	0.89	0	0	0	0	0	0
6/12/2023 23:30	46504 LOHA_T1	2	34	32	1.25	0.28	-0.97	0	0	0	0	0	0	0	0
6/12/2023 23:32	52402 GRPA_T2	4	4	0	0.38	0.78	0.4	0	0	0	0	0	0	0	0
6/12/2023 23:32	59101 WALK_T2	0	0	0	0	0	0	1.1	0.89	0	0	0	0	0	0
6/12/2023 23:41	44802 EDAN_T2	0	0	0	0	0	0	-1.75	-1.78	1	1	0	1200	1200	0
6/12/2023 23:48	42701 AUGU_T1	1	1	0	0.5	0.8	0.3	0	0	2	2	0	1800	1800	0
6/12/2023 23:57	40502 CRES_T2	0	0	0	0	0	0	0.5	0.49	0	0	0	0	0	0
6/12/2023 23:58	28403 HART_T2	1	7	6	0.6	6.6	0	-0.69	-0.67	1	1	0	900	900	0
6/13/2023 0:00	40502 CRES_T2	0	0	0	0	0	0	0.5	0.49	0	0	0	0	0	0
6/13/2023 0:06	67204 TEHI_T2	0	59	59	0	0.13	0.13	0.06	0.07	0	0	0	0	0	0
6/13/2023 0:12	40502 CRES_T2	0	0	0	0	0	0	0.49	0.42	0	0	0	0	0	0
6/13/2023 0:16	61202 REIN_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
6/13/2023 0:19	63404 HONY_T1	2	2	0	8.65	8.95	0.3	0	0	0	0	0	0	0	0
6/13/2023 0:28	52402 GRPA_T2	2	4	2	0.15	0.28	0.13	0	0	0	0	0	0	0	0
6/13/2023 0:28	67204 TEHI_T2	32	75	43	0.12	0.17	0.05	0.07	0.04	0	0	0	0	0	0
6/13/2023 0:28	24105 EHAZ_T1	4	4	0	6.2	6.23	0.03	-1.89	-1.85	1	1	0	1200	1200	0
6/13/2023 0:28	47402 PENS_T1	1	1	0	0.9	1	0.1	0	0	0	0	0	0	0	0
6/13/2023 0:28	60101 COCA_T1	0	0	0	0	0	0	0.17	0.17	0	0	0	0	0	0
6/13/2023 0:28	46504 LOHA_T1	2	10	8	0.9	0.33	-0.57	0	0	0	0	0	0	0	0
6/13/2023 0:28	59101 WALK_T2	0	0	0	0	0	0	2.96	2.96	0	0	0	0	0	0
6/13/2023 0:28	44801 EDAN_T2	1	1	0	0.5	0.4	-0.1	0	0	0	0	0	0	0	0
6/13/2023 0:28	15001 BLMO_T1	784	439	-345	2.4	2.83	0.43	0	0	0	0	0	0	0	0
6/13/2023 0:28	58402 MORO_T1	0	0	0	0	0	0	-0.76	-0.52	2	2	0	1200	1200	0
6/13/2023 0:28	46302 ROHR_T1	3	3	0	1.03	1.07	0.04	0.11	0.1	0	0	0	0	0	0
6/13/2023 0:28	46001 BERW_T1	0	0	0	0	0	0	0.28	0.21	0	0	0	0	0	0
6/13/2023 0:28	43202 MVIL_T2	0	0	0	0	0	0	-0.75	-0.76	0	0	0	0	0	0
6/13/2023 0:28	28403 HART_T2	1	1	0	6.9	6.9	0	-0.71	-0.8	1	1	0	900	900	0
6/13/2023 0:28	40901 JESH_T1	1	1	0	0.4	0.2	-0.2	0	0	0	0	0	0	0	0
6/13/2023 0:28	40502 CRES_T2	0	0	0	0	0	0	1.26	1.32	0	0	0	0	0	0
6/13/2023 0:28	51603 DUKE_T1	0	0	0	0	0	0	-1.06	-1.08	1	1	0	900	900	0
6/13/2023 0:28	42701 AUGU_T1	1	1	0	0.8	1	0.2	0	0	2	2	0	1800	1800	0
6/13/2023 0:28	64202 KINZ_T1	3	3	0	0.23	0.97	0.74	0	0	0	0	0	0	0	0
6/13/2023 0:28	27502 WEIS_T2	0	0	0	0	0	0	-0.15	-0.17	0	0	0	0	0	0
6/13/2023 0:28	63404 HONY_T1	2	2	0	8.65	8.95	0.3	0	0	0	0	0	0	0	0
6/13/2023 0:28	42002 MNVL_T2	1	1	0	4	3.7	-0.3	0	0	0	0	0	0	0	0
6/13/2023 0:28	61202 REIN_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
6/13/2023 0:28	56801 BENV_T1	29	31	2	0.83	0.99	0.16	0	0	0	0	0	0	0	0
6/13/2023 0:28	56802 BENV_T2	1	1	0	0.6	0.9	0.3	-1.43	-1.43	0	0	0	0	0	0
6/13/2023 0:30	41602 CLEV_T1	0	0	0	0	0	0	0	0	1	1	0	600	600	0
6/13/2023 0:32	67502 WEWI_T2	0	0	0	0	0	0	-1.49	-1.53	1	1	0	900	900	0
6/13/2023 0:38	28403 HART_T2	1	1	0	7.1	6.9	-0.2	-0.8	-0.78	1	1	0	900	900	0
6/13/2023 0:41	44502 HAMI_T2	4	4	0	4	4	0	-0.99	-1	0	0	0	0	0	0
6/13/2023 0:42	41602 CLEV_T1	0	0	0	0	0	0	0	0	1	1	0	600	600	0
6/13/2023 0:44	67502 WEWI_T2	0	0	0	0	0	0	-1.53	-1.59	1	1	0	900	900	0
6/13/2023 0:45	28602 BLYT_T2	1	1	0	0.2	0.4	0.2	0	0	0	0	0	0	0	0
6/13/2023 0:49	16301 ALPA_T1	0	0	0	0	0	0	-0.45	-0.47	0	0	0	0	0	0
6/13/2023 0:50	41602 CLEV_T1	0	0	0	0	0	0	0	0	1	1	0	600	600	0
6/13/2023 0:52	44502 HAMI_T2	1	1	0	4	4	0	-1	-0.98	0	0	0	0	0	0
6/13/2023 0:55	59101 WALK_T2	0	0	0	0	0	0	0.78	0.88	0	0	0	0	0	0
6/13/2023 0:58	59101 WALK_T2	0	0	0	0	0	0	0.78	0.88	0	0	0	0	0	0
6/13/2023 0:59	16301 ALPA_T1	0	0	0	0	0	0	-0.45	-0.47	0	0	0	0	0	0
6/13/2023 1:08	59101 WALK_T2	0	0	0	0	0	0	0.88	1.2	0	0	0	0	0	0
6/13/2023 1:12	59101 WALK_T2	0	0	0	0	0	0	0.88	1.2	0	0	0	0	0	0
6/13/2023 1:16	61202 REIN_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
6/13/2023 1:20	40502 CRES_T2	0	0	0	0	0	0	0.41	0.39	0	0	0	0	0	0
6/13/2023 2:06	67204 TEHI_T2	0	55	55	0	0.12	0.12	0.01	0	0	0	0	0	0	0
6/13/2023 2:19	56802 BENV_T2	130	117	-13	0.18	0.17	-0.01	-1.46	-1.49	0	0	0	0	0	0
6/13/2023 2:31	46504 LOHA_T1	84	60	-24	0.78	0.92	0.14	0	0	0	0	0	0	0	0
6/13/2023 2:39	42001 MNVL_T2	0	0	0	0	0	0	-0.13	-0.11	0	0	0	0	0	0
6/13/2023 2:44	16301 ALPA_T1	0	0	0	0	0	0	-0.48	-0.5	0	0	0	0	0	0
6/13/2023 2:45	46001 BERW_T1	0	1	1	0	0	0	0.14	0.1	0	0	0	0	0	0
6/13/2023 2:50	20403 ASHF_T2	0	0	0	0	0	0	0.02	-0.01	0	0	0	0	0	0
6/13/2023 2:50	15001 BLMO_T1	392	552	160	2.74	2.07	-0.67	0	0	0	0	0	0	0	0
6/13/2023 2:56	64202 KINZ_T1	3	3	0	1.2	0.9	-0.3	0	0	0	0	0	0	0	0
6/13/2023 3:38	40902 JESH_T1	0	0	0	0	0	0	-0.45	-0.5	1	1	0	600	600	0
6/13/2023 3:47	46302 ROHR_T1	3	3	0	0.8	0.6	-0.2	0.07	0.04	0	0	0	0	0	0
6/13/2023 3:48	65604 QVIL_T2	93	94	1	0.35	0.37	0.02	-0.16	-0.15	0	0	0	0	0	0
6/13/2023 3:49	20603 GRWO_T2	15	19	4	0.19	0.23	0.04	0.32	0.36	0	0	0	0	0	0
6/13/2023 3:51	64305 LINC_T1	1	0	-1	0.1	0	-0.1	0	0	0	0	0	0	0	0
6/13/2023 3:51	60101 COCA_T1	0	0	0	0	0	0	0.09	0.08	0	0	0	0	0	0
6/13/2023 3:51	65604 QVIL_T2	93	94	1	0.35	0.37	0.02	-0.15	-0.16	0	0	0	0	0	0
6/13/2023 3:54	64305 LINC_T1	1	0	-1	0.1	0	-0.1	0	0	0	0	0	0	0	0
6/13/2023 3:58	43202 MVIL_T2	0	0	0	0	0	0	-0.77	-0.79	0	0	0	0	0	0
6/13/2023 3:59	63404 HONY_T1	2	2	0	8.75	9.1	0.35	0	0	0	0	0	0	0	0
6/13/2023 4:21	44801 EDAN_T2	1	1	0	0.1	0.4	0.3	0	0	0	0	0	0	0	0
6/13/2023 4:28	42701 AUGU_T1	1	1	0	0.3	0.6	0.3	0	0	1	1	0	600	600	0
6/13/2023 4:31	15001 BLMO_T1	330	353	23	3.37	3.18	-0.19	0	0	0	0	0	0	0	0
6/13/2023 4:33	66901 SHIL_T2	0	0	0	0	0	0	-1.19	-1.23	1	1	0	1200	1200	0
6/13/2023 4:37	66901 SHIL_T2	0	0	0	0	0	0	-1.23	-1.23	1	1	0	1200	1200	0
6/13/2023 4:41	58402 MORO_T1	0	0	0	0	0	0	-1.51	-1.44	2	2	0	1500	1500	0
6/13/2023 4:43	20603 GRWO_T2	25	24	-1	0.23	0.2	-0.03	0.31	0.31	0	0	0	0	0	0
6/13/2023 4:51	64301 LINC_T1	0	0	0	0	0	0	0.06	0.29	0	0	0	0	0	0
6/13/2023 4:52	20603 GRWO_T2	24	10	-14	0.2	0.11	-0.09	0.31	0.3	0	0	0	0	0	0
6/13/2023 4:52	40502 CRES_T2	0	0	0	0	0	0	0.41	0.39	0	0	0	0	0	0
6/13/2023 4:56	61202 REIN_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
6/13/2023 4:57	40502 CRES_T2	0	0	0	0	0	0	0.41	0.39	0	0	0	0	0	0
6/13/2023 5:01	44502 HAMI_T2	1	1	0	3.6	4.2	0.6	-1.01	-1.01	0	0	0	0	0	0
6/13/2023 5:04	47403 PENS_T1	1	1	0	2	2.3	0.3	0	0	0	0	0	0	0	0
6/13/2023 5:08	65604 QVIL_T2	9	4	-5	0.17	0.1	-0.07	-0.13	-0.15	0	0	0	0	0	0
6/13/2023 5:08	58402 MORO_T1	0	0	0	0	0	0	-1.41	-1.37	2	2	0	1500	1500	0
6/13/2023 5:12	67502 WEWI_T2	0	0	0	0	0	0	-1.52	-1.48	1	1	0	900	900	0
6/13/2023 5:27	66903 SHIL_T2	0	1	1	0	0	0	0	0	0	0	0	0	0	0
6/13/2023 5:32	52403 GRPA_T2	2	2	0	0.2	0.1	-0.1	-0.61	-0.59	0	0	0	0	0	0
6/13/2023 5:45	52404 GRPA_T2	0	1	1	0	0	0	0	0	0	0	0	0	0	0
6/13/2023 5:46	56801 BENV_T1	30	28	-2	0.77	0.48	-0.29	0	0	0	0	0	0	0	0
6/13/2023 5:51	56803 BENV_T1	0	1	1	0	0	0	0.01	0.05	0	0	0	0	0	0
6/13/2023 5:52	52403 GRPA_T2	2	0	-2	0.1	0	-0.1	-0.53	-0.69	0	0	0	0	0	0
6/13/2023 6:06	56803 BENV_T1	1	0	-1	0.1	0	-0.1	0.05	0.05	0	0	0	0	0	0
6/13/2023 7:03	20603 GRWO_T2	0	0	0	0	0	0	0.35	0.34	0	0	0	0	0	0
6/13/2023 8:12	54501 ENOL_T2	0	4	4	0	0.33	0.33	-0.56	-0.55	1	1	0	600	600	0
6/13/2023 8:40	59101 WALK_T2	0	0	0	0	0	0	1.78	2.1	0	0	0	0	0	0
6/13/2023 10:00	20401 ASHF_T2	6	3	-3	0.43	0.3	-0.13	0	0	0	0	0	0	0	0
6/13/2023 10:00	54501 ENOL_T2	0	0	0	0	0	0	-0.5	-0.5	1	1	0	600	600	0
6/13/2023 10:00	52403 GRPA_T2	0	1	1	0	0.4	0.4	0.14	0.06	0	0	0	0	0	0
6/13/2023 10:00	12701 MACU_T1	0	0	0	0	0	0	0.11	0.13	0	0	0	0	0	0
6/13/2023 10:00	56601 HAMP_T1	0	0	0	0	0	0	-0.1	-0.13	0	0	0	0	0	0
6/13/2023 10:00	46302 ROHR_T1	4	3	-1	0.88	0.87	-0.01	0.15	0.14	0	0	0	0	0	0
6/13/2023 10:00	24105 EHAZ_T1	4	4	0	6.35	6.58	0.23	-1.2	-1.23	1	1	0	1200	1200	0
6/13/2023 10:00	20603 GRWO_T2	6	5	-1	0.35	0.28	-0.07	0.98	0.98	0	0	0	0	0	0
6/13/2023 10:00	60801 BUCK_T1	51	110	59	0.23	0.32	0.09	0	0	0	0	0	0	0	0
6/13/2023 10:00	56801 BENV_T1	54	50	-4	1.06	0.76	-0.3	0	0	0	0	0	0	0	0
6/13/2023 10:00	67502 WEWI_T2	1	2	1	0.5	0.25	-0.25	-0.15	-0.13	0	0	0	0	0	0
6/13/2023 10:00	65604 QVIL_T2	1	1	0	0.4	0.2	-0.2	0.24	0.26	0	0	0	0	0	0
6/13/2023 10:00	67604 WARW_T1	0	0	0	0	0	0	0.84	0.15	0	0	0	0	0	0
6/13/2023 10:00	58402 MORO_T1	0	0	0	0	0	0	-1.86	-1.88	4	4	0	3000	3000	0
6/13/2023 10:00	43202 MVIL_T2	0	0	0	0	0	0	-0.62	-0.61	0	0	0	0	0	0
6/13/2023 10:00	51603 DUKE_T1	0	0	0	0	0	0	-0.41	-0.39	0	0	0	0	0	0
6/13/2023 10:00	61202 REIN_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
6/13/2023 10:00	28403 HART_T2	1	1	0	7.1	7.2	0.1	-0.77	-0.77	1	1	0	900	900	0
6/13/2023 10:00	63404 HONY_T1	2	2	0	7.35	7.45	0.1	0	0	0	0	0	0	0	0
6/13/2023 10:00	51902 COPA_T1	0	0	0	0	0	0	0.64	0.69	1	1	0	1200	1200	0
6/13/2023 10:00	40901 JESH_T1	1	1	0	0.6	0.7	0.1	0	0	0	0	0	0	0	0
6/13/2023 10:00	44802 EDAN_T2	1	1	0	0.3	0.1	-0.2	-1.58	-1.54	1	1	0	1200	1200	0
6/13/2023 10:00	59101 WALK_T2	0	1	1	0	0.1	0.1	9.2	6.61	4	4	0	2400	2400	0
6/13/2023 10:00	52503 PROG_T2	0	0	0	0	0	0	-0.6	-0.6	1	1	0	900	900	0
6/13/2023 10:00	28601 BLYT_T2	1	1	0	3	3.1	0.1	0	0	0	0	0	0	0	0
6/13/2023 10:00	44502 HAMI_T2	2	1	-1	1.45	2.5	1.05	-0.82	-0.85	0	0	0	0	0	0
6/13/2023 10:00	41602 CLEV_T1	0	0	0	0	0	0	0	0	1	1	0	600	600	0
6/13/2023 10:00	27502 WEIS_T2	0	0	0	0	0	0	-0.33	-0.29	0	0	0	0	0	0
6/13/2023 10:00	40502 CRES_T2	0	0	0	0	0	0	0.36	0.27	0	0	0	0	0	0
6/13/2023 10:00	24104 EHAZ_T1	1	1	0	0.1	0.1	0	0	0	0	0	0	0	0	0
6/13/2023 10:00	56802 BENV_T2	8	13	5	0.44	0.45	0.01	-1.32	-1.22	0	0	0	0	0	0
6/13/2023 10:00	15001 BLMO_T1	319	298	-21	1.52	0.64	-0.88	0	0	0	0	0	0	0	0
6/13/2023 10:00	12604 MACA_T1	0	0	0	0	0	0	0.46	0.46	0	0	0	0	0	0
6/13/2023 10:00	41902 REED_T1	0	0	0	0	0	0	-0.01	-0.01	0	0	0	0	0	0
6/13/2023 10:00	64204 KINZ_T1	1	1	0	0.7	0.7	0	0	0	0	0	0	0	0	0
6/13/2023 10:00	47403 PENS_T1	1	1	0	1.5	1.6	0.1	0	0	0	0	0	0	0	0
6/13/2023 10:00	16301 ALPA_T1	0	0	0	0	0	0	-0.22	-0.16	0	0	0	0	0	0
6/13/2023 10:00	64802 MONE_T2	1	1	0	0.3	0.6	0.3	0	0	0	0	0	0	0	0
6/13/2023 10:00	46602 LACR_T1	0	0	0	0	0	0	-0.94	-0.89	0	0	0	0	0	0
6/13/2023 10:00	64301 LINC_T1	0	0	0	0	0	0	0.18	0.24	1	1	0	600	600	0
6/13/2023 10:00	59301 MCAL_T1	2	3	1	0.4	0.47	0.07	-1.4	-1.5	1	1	0	600	600	0
6/13/2023 10:00	67204 TEHI_T2	0	1	1	0	0.1	0.1	-0.7	-0.7	0	0	0	0	0	0
6/13/2023 10:00	42701 AUGU_T1	1	0	-1	0.3	0	-0.3	0	0	2	2	0	1800	1800	0
6/13/2023 10:00	61801 EEU_T2	0	0	0	0	0	0	-0.73	-0.72	1	1	0	600	600	0
6/13/2023 10:28	52403 GRPA_T2	0	3	3	0	0.2	0.2	0.05	0.06	0	0	0	0	0	0
6/13/2023 10:32	53501 EVIL_T2	1	5	4	0.2	0.32	0.12	-0.14	-0.16	1	1	0	600	600	0
6/13/2023 10:33	66901 SHIL_T2	0	0	0	0	0	0	-0.72	-0.66	1	1	0	1200	1200	0
6/13/2023 10:35	15001 BLMO_T1	251	288	37	0.55	0.6	0.05	0	0	0	0	0	0	0	0
6/13/2023 10:37	56802 BENV_T2	12	1	-11	0.4	0.9	0.5	-0.6	-0.59	0	0	0	0	0	0
6/13/2023 10:46	56802 BENV_T2	1	1	0

Appendix C - Grid Benefits Achieved in Each Instance of Active Management

6/13/2023 12:26	64301 LINC_T1	0	0	0	0	0	0	0.21	0.18	1	1	0	600	600	0
6/13/2023 12:28	10805 CHHI_T2	1	1	0	8.4	8.5	0.1	-1.19	-1.13	2	2	0	1800	1800	0
6/13/2023 12:33	64801 MONE_T2	0	0	0	0	0	0	0.36	0.37	0	0	0	0	0	0
6/13/2023 12:39	42903 MIDD_T2	1	0	-1	0.2	0	-0.2	0	0	0	0	0	0	0	0
6/13/2023 12:44	60803 BUCK_T1	1	1	0	0.1	0.1	0	-0.7	-0.62	1	1	0	600	600	0
6/13/2023 12:44	58402 MORO_T1	0	0	0	0	0	0	-0.98	-1	2	2	0	1500	1500	0
6/13/2023 12:45	67502 WEWI_T2	1	1	0	0.3	0.2	-0.1	-0.08	0.03	0	0	0	0	0	0
6/13/2023 12:47	15001 BLMO_T1	11	9	-2	0.43	0.61	0.18	0	0	0	0	0	0	0	0
6/13/2023 12:48	65604 QVIL_T2	1	0	-1	0.1	0	-0.1	0.31	0.31	0	0	0	0	0	0
6/13/2023 12:50	66701 STRA_T1	0	1	1	0	0.8	0.8	0	0	0	0	0	0	0	0
6/13/2023 12:52	67502 WEWI_T2	1	1	0	0.3	0.2	-0.1	0.03	0.08	0	0	0	0	0	0
6/13/2023 13:25	67502 WEWI_T2	1	1	0	0.2	0.4	0.2	0.09	0.09	0	0	0	0	0	0
6/13/2023 13:53	56801 BENV_T1	46	47	1	0.72	0.66	-0.06	-0.63	-0.62	1	1	0	600	600	0
6/13/2023 14:23	41901 REED_T1	10	11	1	0.22	0.4	0.18	0	0	0	0	0	0	0	0
6/13/2023 14:29	56802 BENV_T2	2	2	0	0.4	0.45	0.05	-0.44	-0.47	0	0	0	0	0	0
6/13/2023 14:46	56803 BENV_T1	2	1	-1	0.15	0.1	-0.05	0	0	0	0	0	0	0	0
6/13/2023 14:53	55101 WERT_T1	0	0	0	0	0	0	-1.19	-1.92	3	4	1	2400	3300	900
6/13/2023 15:00	56801 BENV_T1	44	44	0	0.57	0.59	0.02	-0.59	-0.58	1	1	0	600	600	0
6/13/2023 15:39	42902 MIDD_T2	1	1	0	1.2	1.2	0	-0.81	-0.78	1	1	0	600	600	0
6/13/2023 15:52	59102 WALK_T2	1	1	0	0.4	0.3	-0.1	0	0	0	0	0	0	0	0
6/13/2023 15:55	28403 HART_T2	1	1	0	6.6	6.3	-0.3	-0.64	-0.67	1	1	0	900	900	0
6/13/2023 15:57	59101 WALK_T2	1	1	0	0.2	0.4	0.2	0.96	1.57	1	0	-1	600	0	-600
6/13/2023 15:58	56801 BENV_T1	24	20	-4	0.33	0.31	-0.02	-0.58	-0.54	1	1	0	600	600	0
6/13/2023 16:17	60803 BUCK_T1	3	3	0	0.27	0.2	-0.07	-1.24	-1.23	1	1	0	600	600	0
6/13/2023 16:19	56802 BENV_T2	1	3	2	0.7	0.53	-0.17	-0.43	-1.08	0	0	0	0	0	0
6/13/2023 16:20	66505 SMAN_T2	0	0	0	0	0	0	0.65	0.65	2	2	0	1100	1100	0
6/13/2023 16:21	59101 WALK_T2	0	0	0	0	0	0	2	1.67	0	0	0	0	0	0
6/13/2023 16:27	64202 KINZ_T1	3	3	0	0.7	0.7	0	0	0	0	0	0	0	0	0
6/13/2023 16:27	42201 SHEN_T2	0	0	0	0	0	0	0.27	0.27	1	1	0	600	600	0
6/13/2023 16:31	64702 LITI_T2	0	0	0	0	0	0	-0.19	-0.26	0	0	0	0	0	0
6/13/2023 16:38	56802 BENV_T2	1	3	2	0.8	0.53	-0.27	-1.08	-1.03	0	0	0	0	0	0
6/13/2023 17:02	59101 WALK_T2	0	0	0	0	0	0	1.53	1.52	0	0	0	0	0	0
6/13/2023 17:29	56801 BENV_T1	0	0	0	0	0	0	-0.55	-0.55	1	1	0	600	600	0
6/13/2023 17:32	58402 MORO_T1	0	1	1	0	0	0	-1.01	-1.02	2	2	0	1500	1500	0
6/13/2023 17:34	56801 BENV_T1	0	0	0	0	0	0	-0.55	-0.51	1	1	0	600	600	0
6/13/2023 17:35	63402 HONY_T2	0	1	1	0	0.7	0.7	0	0	0	0	0	0	0	0
6/13/2023 17:38	46504 LOHA_T1	1	1	0	0.2	0.1	-0.1	0	0	0	0	0	0	0	0
6/13/2023 17:39	56802 BENV_T2	1	3	2	1	0.4	-0.6	-1.02	-1.03	0	0	0	0	0	0
6/13/2023 17:42	58402 MORO_T1	0	1	1	0	0	0	-1.02	-0.95	2	2	0	1500	1500	0
6/13/2023 17:44	56801 BENV_T1	0	0	0	0	0	0	-0.55	-0.51	1	1	0	600	600	0
6/13/2023 17:46	53501 EVIL_T2	5	2	-3	0.44	0.15	-0.29	-0.47	-0.74	1	1	0	600	600	0
6/13/2023 18:15	42201 SHEN_T2	1	26	25	0.2	0.15	-0.05	0.21	0.2	1	1	0	600	600	0
6/13/2023 18:22	15001 BLMO_T1	0	3	3	0	0.2	0.2	0	0	0	0	0	0	0	0
6/13/2023 18:22	29402 BELT_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
6/13/2023 18:28	11104 EGYP_T1	0	0	0	0	0	0	0.6	0.55	0	0	0	0	0	0
6/13/2023 18:46	63801 HEMP_T1	0	0	0	0	0	0	0	-0.11	0	0	0	0	0	0
6/13/2023 18:56	59002 MIFF_T1	5	6	1	0.4	0.65	0.25	0	0	0	0	0	0	0	0
6/13/2023 20:12	58402 MORO_T1	0	0	0	0	0	0	-1.15	-1.2	2	2	0	1500	1500	0
6/13/2023 20:14	40502 CRES_T2	0	12	12	0	0.3	0.3	0.19	0.22	0	0	0	0	0	0
6/13/2023 20:27	52402 GRPA_T2	3	3	0	0.67	1	0.33	0	0	0	0	0	0	0	0
6/13/2023 20:30	40502 CRES_T2	10	11	1	0.27	0.25	-0.02	0.22	0.16	0	0	0	0	0	0
6/13/2023 20:41	20402 ASHF_T2	8	11	3	0.19	0.25	0.06	0	0	0	0	0	0	0	0
6/13/2023 21:03	67502 WEWI_T2	0	0	0	0.67	0	-0.67	-1.19	-1.26	1	1	0	900	900	0
6/13/2023 21:18	53501 EVIL_T2	0	9	9	0	0.47	0.47	-0.49	-0.59	1	1	0	600	600	0
6/13/2023 21:46	64303 LINC_T1	0	1	1	0	0	0	0	0	0	0	0	0	0	0
6/13/2023 21:46	65603 QVIL_T2	0	5	5	0	0.16	0.16	0	0	0	0	0	0	0	0
6/13/2023 22:03	41901 REED_T1	9	0	-9	0.27	0	-0.27	0	0	0	0	0	0	0	0
6/13/2023 22:06	15001 BLMO_T1	225	349	124	0.64	1.11	0.47	0	0	0	0	0	0	0	0
6/13/2023 22:12	56802 BENV_T2	132	1	-131	0.25	0.1	-0.15	-0.64	-0.61	0	0	0	0	0	0
6/13/2023 22:25	42201 SHEN_T2	0	0	0	0	0	0	0.72	0.71	0	0	0	0	0	0
6/13/2023 22:26	56802 BENV_T2	1	1	0	0.1	0.3	0.2	-0.61	-0.61	0	0	0	0	0	0
6/13/2023 22:30	64204 KINZ_T1	1	2	1	1.3	0.8	-0.5	0	0	0	0	0	0	0	0
6/13/2023 22:30	55101 WERT_T1	0	0	0	0	0	0	-1.44	-1.39	2	2	0	1500	1500	0
6/13/2023 22:31	53501 EVIL_T2	1	1	0	0.1	0.5	0.4	-0.85	-0.88	1	0	-1	600	0	-600
6/13/2023 22:34	66505 SMAN_T2	0	0	0	0	0	0	0.11	0.08	1	1	0	900	900	0
6/13/2023 22:37	56801 BENV_T1	25	32	7	0.58	0.72	0.14	-0.76	-0.79	1	1	0	600	600	0
6/13/2023 22:38	56802 BENV_T2	0	1	1	0	0.3	0.3	-0.61	-0.65	0	0	0	0	0	0
6/13/2023 22:44	14403 SSLA_T1	0	0	0	0	0	0	0.83	0.84	0	0	0	0	0	0
6/13/2023 22:45	24104 EHAZ_T1	1	1	0	0.1	0.1	0	0	0	0	0	0	0	0	0
6/13/2023 22:55	59101 WALK_T2	0	0	0	0	0	0	1.23	1.05	0	0	0	0	0	0
6/13/2023 23:11	61801 EEU_T2	0	0	0	0	0	0	-1.03	-0.98	1	1	0	600	600	0
6/13/2023 23:17	42903 MIDD_T2	2	2	0	0.25	0.55	0.3	0	0	0	0	0	0	0	0
6/13/2023 23:19	60101 COCA_T1	0	0	0	0	0	0	0.23	0.25	0	0	0	0	0	0
6/13/2023 23:21	28403 HART_T2	1	1	0	7.2	6.8	-0.4	-0.65	-0.65	1	1	0	900	900	0
6/13/2023 23:23	53501 EVIL_T2	8	12	4	0.2	0.43	0.23	-0.53	-0.65	0	0	0	0	0	0
6/13/2023 23:24	60801 BUCK_T1	151	139	-12	0.46	0.42	-0.04	0	0	0	0	0	0	0	0
6/13/2023 23:25	56802 BENV_T2	1	1	0	0.1	0.6	0.5	-0.72	-0.73	0	0	0	0	0	0
6/13/2023 23:28	42001 MNVL_T2	3	3	0	0.1	0.13	0.03	-0.04	-0.03	0	0	0	0	0	0
6/13/2023 23:29	66703 STRA_T1	1	4	3	0.2	0.23	0.03	-0.34	-0.35	0	0	0	0	0	0
6/13/2023 23:31	58402 MORO_T1	0	0	0	0	0	0	-0.56	-0.58	1	1	0	600	600	0
6/13/2023 23:31	63402 HONY_T2	1	1	0	1.6	1.7	0.1	0	0	0	0	0	0	0	0
6/13/2023 23:32	59102 WALK_T2	0	4	4	0	0.23	0.23	0	0	0	0	0	0	0	0
6/13/2023 23:32	56801 BENV_T1	31	41	10	0.89	1.12	0.23	-0.81	-0.84	1	1	0	600	600	0
6/13/2023 23:33	28403 HART_T2	1	1	0	7.1	6.8	-0.3	-0.65	-0.65	1	1	0	900	900	0
6/13/2023 23:34	12701 MACU_T1	0	0	0	0	0	0	0.03	0.03	0	0	0	0	0	0
6/13/2023 23:35	59101 WALK_T2	0	0	0	0	0	0	-0.26	-0.17	0	0	0	0	0	0
6/13/2023 23:36	59101 WALK_T2	0	0	0	0	0	0	-0.26	-0.17	0	0	0	0	0	0
6/13/2023 23:37	40902 JESH_T1	0	0	0	0	0	0	-0.51	-0.52	1	1	0	600	600	0
6/13/2023 23:39	51102 CARL_T1	1	115	114	0.2	0.26	0.06	0	0	0	0	0	0	0	0
6/13/2023 23:40	46504 LOHA_T1	48	45	-3	0.45	0.41	-0.04	0	0	0	0	0	0	0	0
6/13/2023 23:41	58402 MORO_T1	0	0	0	0	0	0	-0.58	-0.54	1	1	0	600	600	0
6/13/2023 23:41	53501 EVIL_T2	12	15	3	0.29	0.56	0.27	-0.65	-0.6	0	0	0	0	0	0
6/13/2023 23:43	56801 BENV_T1	31	41	10	0.89	1.12	0.23	-0.84	-0.85	1	1	0	600	600	0
6/13/2023 23:44	56801 BENV_T1	31	41	10	0.89	1.12	0.23	-1.68	-1.7	2	2	0	1200	1200	0
6/13/2023 23:44	51604 DUKE_T2	0	5	5	0	0.1	0.1	-1.64	-1.67	1	1	0	900	900	0
6/13/2023 23:46	56801 BENV_T1	37	41	4	0.99	1.11	0.12	-0.84	-0.85	1	1	0	600	600	0
6/13/2023 23:47	42701 AUGU_T1	1	1	0	0.8	1	0.2	0	0	2	2	0	1800	1800	0
6/13/2023 23:48	56801 BENV_T1	37	41	4	0.99	1.11	0.12	-0.84	-0.85	1	1	0	600	600	0
6/13/2023 23:51	10805 CHHI_T2	1	1	0	7.4	8.1	0.7	-0.71	-0.73	1	0	-1	600	0	-600
6/13/2023 23:51	44802 EDAN_T2	0	0	0	0	0	0	-1.75	-1.78	1	1	0	1200	1200	0
6/13/2023 23:57	44802 EDAN_T2	0	0	0	0	0	0	-1.75	-1.78	1	1	0	1200	1200	0
6/14/2023 0:00	42701 AUGU_T1	1	1	0	1	1.3	0.3	0	0	2	2	0	1800	1800	0
6/14/2023 0:13	40502 CRES_T2	0	0	0	0	0	0	0.55	0.53	0	0	0	0	0	0
6/14/2023 0:14	42201 SHEN_T2	0	0	0	0	0	0	0.71	0.64	0	0	0	0	0	0
6/14/2023 0:14	67503 WEWI_T2	0	0	0	0	0	0	-0.3	-0.32	0	0	0	0	0	0
6/14/2023 0:16	63801 HEMP_T1	0	0	0	0	0	0	0.01	-0.09	0	0	0	0	0	0
6/14/2023 0:16	64801 MONE_T2	0	0	0	0	0	0	0.32	0.32	0	0	0	0	0	0
6/14/2023 0:19	61202 REIN_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
6/14/2023 0:23	63404 HONY_T1	2	2	0	9	9.15	0.15	0	0	0	0	0	0	0	0
6/14/2023 0:28	58402 MORO_T1	0	0	0	0	0	0	-1.1	-1.14	2	2	0	1200	1200	0
6/14/2023 0:28	40901 JESH_T1	1	1	0	0.1	0.1	0	0	0	0	0	0	0	0	0
6/14/2023 0:28	53501 EVIL_T2	17	21	4	0.69	1.08	0.39	-1.98	-2.01	0	0	0	0	0	0
6/14/2023 0:28	65604 QVIL_T2	1	18	17	0.1	0.3	0.2	-0.1	-0.09	0	0	0	0	0	0
6/14/2023 0:28	64703 LITI_T2	14	24	10	0.14	0.15	0.01	0	0	0	0	0	0	0	0
6/14/2023 0:28	46504 LOHA_T1	2	33	31	1.35	0.3	-1.05	0	0	0	0	0	0	0	0
6/14/2023 0:28	15001 BLMO_T1	355	355	0	4.09	4.62	0.53	0	0	0	0	0	0	0	0
6/14/2023 0:28	42002 MNVL_T2	1	1	0	3.2	3.1	-0.1	0	0	0	0	0	0	0	0
6/14/2023 0:28	60803 BUCK_T1	9	20	11	0.14	0.37	0.23	-1.72	-1.69	1	1	0	600	600	0
6/14/2023 0:28	63402 HONY_T2	1	1	0	1.1	1.4	0.3	0	0	0	0	0	0	0	0
6/14/2023 0:28	64203 KINZ_T1	0	0	0	0	0	0	0.21	0.17	0	0	0	0	0	0
6/14/2023 0:28	20403 ASHF_T2	0	0	0	0	0	0	0.03	0.03	0	0	0	0	0	0
6/14/2023 0:28	64801 MONE_T2	0	0	0	0	0	0	0.32	0.32	0	0	0	0	0	0
6/14/2023 0:28	64301 LINC_T1	0	0	0	0	0	0	0.29	0.31	0	0	0	0	0	0
6/14/2023 0:28	42701 AUGU_T1	1	1	0	1	1.3	0.3	0	0	4	4	0	3600	3600	0
6/14/2023 0:28	56802 BENV_T2	1	1	0	0.4	0.8	0.4	-2.88	-2.84	0	0	0	0	0	0
6/14/2023 0:28	44802 EDAN_T2	0	0	0	0	0	0	-3.62	-3.58	2	2	0	2400	2400	0
6/14/2023 0:28	66703 STRA_T1	0	3	3	0	0.1	0.1	-0.34	-0.37	0	0	0	0	0	0
6/14/2023 0:28	66505 SMAN_T2	3	3	0	0.57	0.7	0.13	-0.01	-0.1	1	1	0	900	900	0
6/14/2023 0:28	60101 COCA_T1	3	0	-3	0.1	0	-0.1	0.19	0.19	0	0	0	0	0	0
6/14/2023 0:28	56801 BENV_T1	26	32	6	0.67	0.99	0.32	-5.1	-5.22	6	6	0	3600	3600	0
6/14/2023 0:28	42201 SHEN_T2	0	0	0	0	0	0	1.28	1.24	0	0	0	0	0	0
6/14/2023 0:28	61801 EEU_T2	0	0	0	0	0	0	-1.03	-0.99	1	1	0	600	600	0
6/14/2023 0:28	40502 CRES_T2	0	0	0	0	0	0	1.06	1.04	0	0	0	0	0	0
6/14/2023 0:28	67503 WEWI_T2	0	0	0	0	0	0	-0.32	-0.33	0	0	0	0	0	0
6/14/2023 0:31	61202 REIN_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
6/14/2023 0:36	29402 BELT_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
6/14/2023 0:36	11104 EGYP_T1	0	0	0	0	0	0	0.42	0.41	0	0	0	0	0	0
6/14/2023 0:37	63404 HONY_T1	2	2	0	9.05	9.3	0.25	0	0	0	0	0	0	0	0
6/14/2023 0:41	11104 EGYP_T1	0	0	0	0	0	0	0.42	0.41	0	0	0	0	0	0
6/14/2023 0:41	29402 BELT_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
6/14/2023 1:18	56802 BENV_T2	1	10	9	0.9	0.19	-0.71	-1.48	-1.43	0	0	0	0	0	0
6/14/2023 1:28	42001 MNVL_T2	0	0	0	0	0	0	-0.11	-0.13	0	0	0	0	0	0
6/14/2023 1:37	44802 EDAN_T2	0	0	0	0	0	0	-1.8	-1.82	1	1	0	1200	1200	0
6/14/2023 1:41	20401 ASHF_T2	88	95	7	0.47	0.53	0.06	0	0	0	0	0	0	0	0
6/14/2023 1:45	42201 SHEN_T2	0	0	0	0	0	0	0.65	0.64	0	0	0	0	0	0
6/14/2023 1:50	64204 KINZ_T1	1	24	23	1.5	0.18	-1.32	0	0	0	0	0	0	0	0
6/14/2023 2:05	56802 BENV_T2	26	39	13	0.14	0.14	0	-1.51	-1.45	0	0	0	0	0	0
6/14/2023 2:11	53501 EVIL_T2	21	21	0	1.23	1.09	-0.14	-0.71	-0.49	0	0	0	0	0	0
6/14/2023 2:14	42201 SHEN_T2	0	0	0	0	0	0	0.65	0.64	0	0	0	0	0	0
6/14/2023 2:23	56801 BENV_T1	38	47	9	1.03	1.04	0.01	-0.92	-0.92	1	1	0	600	600	0
6/14/2023 2:37	40902 JESH_T1	0	0	0	0	0	0	-0.45	-0.48	1	1	0	600	600	0
6/14/2023 2:43	63404 HONY_T1	2	2	0	9.15	8.75	-0.4	0	0	0	0	0	0	0	0
6/14/2023 2:51	63403 HONY_T2	0	0	0	0	0	0	0.13	0.14	0	0	0	0	0	0
6/14/2023 3:06	56801 BENV_T1	41	49	8	1.17	1.04	-0.13	-0.9	-0.92	1	1	0	600	600	0
6/14/2023 3:11	61801 EEU_T2	1	1	0	0.2	0.2	0	-1.04	-1.04	1	1	0	600	600	0
6/14/2023 3:27	42701 AUGU_T1	1	1	0	1.9	1.4	-0.5	0	0	2	1	-1	1800	600	-1200
6/14/2023 3:31	44802 EDAN_T2	0	0	0	0	0	0	-1.81	-1.82	1	1	0	1200	1200	0
6/14/2023 3:31	58402 MORO_T1	0	0	0	0	0	0	-0.55	-0.57	1	1	0	600	600	0
6/14/2023 3:34	67503 WEWI_T2	0	0	0	0	0	0	-0.4	-0.39	0	0	0	0	0	0
6/14/2023 3:39	61202 REIN_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
6/14/2023 3:41	53501 EVIL_T2	21	21	0	1.09	0.96	-0.13	-0.66	-0.65	0	0	0	0	0	0
6/14/2023 3:41	58402 MORO_T1	0	0	0	0	0	0	-0.57	-0.55	1	1	0	600	600	0
6/14/2023 3:44	56801 BENV_T1	49	39	-10	1.04	1.08	0.04	-0.92	-0.91	1	1	0	600	600	0
6/14/2023 3:46	65604 QVIL_T2	81	80	-1	0.27	0.3	0.03	-0.16	-0.15	0	0	0	0	0	0
6/14/2023 3:46	64301 LINC_T1	0	0	0	0	0	0	0.25	0.18	0	0	0	0	0	0
6/14/2023 3:53	40502 CRES_T2	0	0	0	0	0	0	0.37	0.37	0	0	0	0	0	0
6/14/2023 3:56	11104 EGYP_T1	0	0	0	0	0	0	0.35	0.33	0	0	0	0	0	0
6/14/2023 3:56	29402 BELT_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
6/14/2023 3:56	64801 MONE_T2	0	0	0	0	0	0	0.3	0.3	0	0	0	0	0	0
6/14/2023 3:57	64202 KINZ_T1	3	3	0	0.9	0.87	-0.03	0	0	0	0	0	0	0	0
6/14/2023 3:57	65604 QVIL_T2	81	80	-1	0.27	0.3	0.03	-0.15	-0.14	0	0	0	0	0	0
6/14/2023 4:04	60803 BUCK_T1	1	0	-1	0.1	0	-0.1	-1.11	-1.12	1	1	0	600	600	0
6/14/2023 4:06	15001 BLMO_T1	355	355	0	5.68	5.53	-0.15	0	0	0	0	0	0	0	0
6/14/2023 4:06	65604 QVIL_T2	79	51	-28	0.29	0.29	0	-0.14	-0.13	0	0	0	0	0	0
6/14/2023 4:09	66703 STRA_T1	141	135	-6	0.19	0.19	0	-0.46	-0.43	0	0	0	0	0	0
6/14/2023 4:14	66505 SMAN_T2	0	0	0	0	0	0	-0.06	-0.08	1	1	0	900	900	0
6/14/2023 4:35	60801 BUCK_T1	185	184	-1	0.72	0.66	-0.06	0	0	0	0	0	0	0	0
6/14/2023 4:40	46506 LOHA_T1	0

6/14/2023 10:00	64203 KINZ_T1	0	0	0	0	0	0	0.31	0.2	2	2	0	900	900	0
6/14/2023 10:00	42001 MNVL_T2	0	0	0	0	0	0	0	-0.01	0	0	0	0	0	0
6/14/2023 10:00	60101 COCA_T1	0	0	0	0	0	0	0.34	0.34	0	0	0	0	0	0
6/14/2023 10:00	56802 BENV_T2	55	18	-37	0.16	0.17	0.01	-2.6	-2.44	0	0	0	0	0	0
6/14/2023 10:00	65604 QVIL_T2	12	3	-9	0.23	0.13	-0.1	0.08	0.11	0	0	0	0	0	0
6/14/2023 10:00	42201 SHEN_T2	0	0	0	0	0	0	0.14	0.17	1	1	0	600	600	0
6/14/2023 10:00	66505 SMAN_T2	0	0	0	0	0	0	0.66	0.58	2	2	0	1100	1100	0
6/14/2023 10:00	10805 CHHI_T2	1	1	0	8.1	7.8	-0.3	-1.14	-1.21	1	1	0	1200	1200	0
6/14/2023 10:00	42902 MIDD_T2	0	0	0	0	0	0	-0.58	-0.66	2	2	0	900	900	0
6/14/2023 10:00	28403 HART_T2	1	1	0	7.4	7.4	0	-1.36	-1.36	2	2	0	1800	1800	0
6/14/2023 10:00	51604 DUKE_T2	0	0	0	0	0	0	-0.6	-0.58	0	0	0	0	0	0
6/14/2023 10:00	11104 EGYP_T1	0	0	0	0	0	0	0.62	0.63	0	0	0	0	0	0
6/14/2023 10:14	15001 BLMO_T1	355	355	0	3.65	3.58	-0.07	0	0	0	0	0	0	0	0
6/14/2023 10:15	15001 BLMO_T1	355	355	0	3.5	3.81	0.31	0	0	0	0	0	0	0	0
6/14/2023 10:39	42201 SHEN_T2	0	0	0	0	0	0	0.14	0.15	1	1	0	600	600	0
6/14/2023 10:40	60803 BUCK_T1	0	0	0	0	0	0	-0.82	-0.77	1	1	0	600	600	0
6/14/2023 10:41	64204 KINZ_T1	1	1	0	0.5	1.3	0.8	0	0	0	0	0	0	0	0
6/14/2023 10:57	15001 BLMO_T1	355	355	0	3.8	3.69	-0.11	0	0	0	0	0	0	0	0
6/14/2023 11:00	59101 WALK_T2	0	0	0	0	0	0	0.94	1.11	0	0	0	0	0	0
6/14/2023 11:10	46506 LOHA_T1	1	1	0	0.8	0.7	-0.1	-0.46	-0.47	0	0	0	0	0	0
6/14/2023 11:17	59102 WALK_T2	1	1	0	0.4	0.4	0	0	0	0	0	0	0	0	0
6/14/2023 11:19	28602 BLYT_T2	1	1	0	0.2	0.2	0	0	0	0	0	0	0	0	0
6/14/2023 11:29	40101 HUNT_T2	0	1	1	0	0	0	-0.15	-0.18	0	0	0	0	0	0
6/14/2023 11:30	28403 HART_T2	1	1	0	7.6	7.6	0	-0.65	-0.62	1	1	0	900	900	0
6/14/2023 11:30	41902 REED_T1	0	2	2	0	0	0	-0.01	-0.01	1	1	0	900	900	0
6/14/2023 11:30	46602 LACR_T1	0	0	0	0	0	0	-0.05	0.02	0	0	0	0	0	0
6/14/2023 11:31	61202 REIN_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
6/14/2023 11:31	42701 AUGU_T1	0	1	1	0	0.3	0.3	0	0	2	2	0	1800	1800	0
6/14/2023 11:34	56802 BENV_T2	26	5	-21	0.18	0.46	0.28	-0.62	-0.57	0	0	0	0	0	0
6/14/2023 11:41	12701 MACU_T1	0	0	0	0	0	0	0.11	0.1	0	0	0	0	0	0
6/14/2023 11:41	46506 LOHA_T1	1	1	0	0.5	0.5	0	-0.39	-0.48	0	0	0	0	0	0
6/14/2023 11:42	59101 WALK_T2	0	0	0	0	0	0	1.68	1.9	0	0	0	0	0	0
6/14/2023 11:44	59102 WALK_T2	1	0	-1	0.4	0	-0.4	0	0	0	0	0	0	0	0
6/14/2023 11:44	41901 REED_T1	11	11	0	0.54	0.75	0.21	0	0	0	0	0	0	0	0
6/14/2023 11:45	28403 HART_T2	1	1	0	7.6	7.5	-0.1	-0.62	-0.62	1	1	0	900	900	0
6/14/2023 11:45	52403 GRPA_T2	2	1	-1	0.7	0.1	-0.6	0.06	0.12	0	0	0	0	0	0
6/14/2023 11:46	56802 BENV_T2	4	4	0	0.55	0.43	-0.12	-0.62	-0.57	0	0	0	0	0	0
6/14/2023 11:47	41002 LAUR_T2	1	1	0	1.6	1.6	0	-0.67	-0.73	0	0	0	0	0	0
6/14/2023 11:51	56802 BENV_T2	4	4	0	0.55	0.43	-0.12	-1.14	-1.12	0	0	0	0	0	0
6/14/2023 11:51	59101 WALK_T2	0	2	2	0	0.3	0.3	1.9	1.22	0	1	1	0	600	600
6/14/2023 11:53	58402 MORO_T1	0	0	0	0	0	0	-1.03	-0.98	2	2	0	1500	1500	0
6/14/2023 11:55	59102 WALK_T2	0	5	5	0	0.38	0.38	0	0	0	0	0	0	0	0
6/14/2023 11:58	56802 BENV_T2	4	4	0	0.55	0.43	-0.12	-0.57	-0.56	0	0	0	0	0	0
6/14/2023 11:58	12701 MACU_T1	0	0	0	0	0	0	0.1	0.08	0	0	0	0	0	0
6/14/2023 11:59	46506 LOHA_T1	1	1	0	0.5	0.5	0	-0.48	-0.47	0	0	0	0	0	0
6/14/2023 12:00	58402 MORO_T1	0	0	0	0	0	0	-1.03	-0.98	2	2	0	1500	1500	0
6/14/2023 12:00	59102 WALK_T2	0	5	5	0	0.38	0.38	0	0	0	0	0	0	0	0
6/14/2023 12:01	59101 WALK_T2	0	2	2	0	0.3	0.3	1.9	1.22	1	1	0	600	600	0
6/14/2023 12:08	44802 EDAN_T2	0	0	0	0	0	0	-1.5	-1.59	1	1	0	1200	1200	0
6/14/2023 12:15	44802 EDAN_T2	0	0	0	0	0	0	-1.5	-1.59	1	1	0	1200	1200	0
6/14/2023 12:21	66502 SMAN_T2	10	18	8	0.14	0.29	0.15	0	0	0	0	0	0	0	0
6/14/2023 12:23	67503 WEWI_T2	0	1	1	0	0.1	0.1	-0.29	-0.23	0	0	0	0	0	0
6/14/2023 12:26	44802 EDAN_T2	0	0	0	0	0	0	-1.59	-1.62	1	1	0	1200	1200	0
6/14/2023 12:27	44802 EDAN_T2	0	0	0	0	0	0	-1.59	-1.62	1	1	0	1200	1200	0
6/14/2023 12:33	67502 WEWI_T2	4	4	0	0.28	0.43	0.15	0	0	0	0	0	0	0	0
6/14/2023 12:41	59102 WALK_T2	1	2	1	0.2	0.3	0.1	0	0	0	0	0	0	0	0
6/14/2023 12:41	28403 HART_T2	1	1	0	7.7	7.7	0	-0.63	-0.66	1	1	0	900	900	0
6/14/2023 12:41	10805 CHHI_T2	1	1	0	7.9	7.9	0	-1.1	-1.13	1	1	0	1200	1200	0
6/14/2023 12:43	67502 WEWI_T2	4	4	0	0.28	0.43	0.15	-0.13	-0.08	0	0	0	0	0	0
6/14/2023 12:43	56802 BENV_T2	1	2	1	1.4	0.8	-0.6	-1.1	-1.08	0	0	0	0	0	0
6/14/2023 12:43	29402 BELT_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
6/14/2023 12:43	64101 REFR_T1	1	1	0	0.8	1	0.2	-0.04	-0.01	0	0	0	0	0	0
6/14/2023 12:43	15001 BLMO_T1	355	355	0	3.31	3.27	-0.04	0	0	0	0	0	0	0	0
6/14/2023 12:43	64802 MONE_T2	7	6	-1	0.41	0.42	0.01	0	0	0	0	0	0	0	0
6/14/2023 12:44	56802 BENV_T2	1	2	1	1.4	0.8	-0.6	-0.55	-0.54	0	0	0	0	0	0
6/14/2023 12:44	15001 BLMO_T1	355	355	0	3.31	3.27	-0.04	0	0	0	0	0	0	0	0
6/14/2023 12:44	24102 EHAZ_T1	3	7	4	0.1	0.18	0.08	0	0	0	0	0	0	0	0
6/14/2023 12:44	64202 KINZ_T1	3	3	0	0.7	0.47	-0.23	0	0	0	0	0	0	0	0
6/14/2023 12:44	58402 MORO_T1	0	0	0	0	0	0	-1.01	-1.03	2	2	0	1500	1500	0
6/14/2023 12:44	41902 REED_T1	0	0	0	0	0	0	-0.01	-0.01	1	1	0	900	900	0
6/14/2023 12:44	65601 QVIL_T2	0	2	2	0	0.25	0.25	0	0	0	0	0	0	0	0
6/14/2023 12:45	29401 BELT_T1	4	29	25	0.13	0.13	0	0	0	1	1	0	900	900	0
6/14/2023 12:45	59101 WALK_T2	0	0	0	0	0	0	1.45	1.3	1	1	0	600	600	0
6/14/2023 12:45	66502 SMAN_T2	8	1	-7	0.28	1	0.72	0	0	0	0	0	0	0	0
6/14/2023 12:45	44802 EDAN_T2	0	1	1	0	0.1	0.1	-1.62	-1.56	1	1	0	1200	1200	0
6/14/2023 12:45	64305 LINC_T1	1	1	0	0.3	0.2	-0.1	0	0	0	0	0	0	0	0
6/14/2023 12:45	42201 SHEN_T2	0	0	0	0	0	0	0.17	0.18	1	1	0	600	600	0
6/14/2023 12:45	67502 WEWI_T2	4	2	-2	0.43	0.6	0.17	0	0	0	0	0	0	0	0
6/14/2023 12:45	64202 KINZ_T1	2	3	1	0.45	0.47	0.02	0	0	0	0	0	0	0	0
6/14/2023 12:45	64101 REFR_T1	1	0	-1	1	0	-1	-0.04	-0.01	0	0	0	0	0	0
6/14/2023 12:46	59102 WALK_T2	1	3	2	0.5	0.2	-0.3	0	0	0	0	0	0	0	0
6/14/2023 12:47	44802 EDAN_T2	0	1	1	0	0.1	0.1	-1.62	-1.56	1	1	0	1200	1200	0
6/14/2023 12:47	12701 MACU_T1	0	0	0	0	0	0	0.09	0.08	0	0	0	0	0	0
6/14/2023 12:48	28403 HART_T2	1	1	0	7.7	7.7	0	-0.63	-0.66	1	1	0	900	900	0
6/14/2023 12:48	59101 WALK_T2	0	0	0	0	0	0	1.45	1.3	1	1	0	600	600	0
6/14/2023 12:49	46506 LOHA_T1	1	1	0	0.5	0.6	0.1	-0.49	-0.46	0	0	0	0	0	0
6/14/2023 13:02	28604 BLYT_T2	0	0	0	0	0	0	-1.32	-1.33	0	0	0	0	0	0
6/14/2023 13:26	59102 WALK_T2	1	0	-1	0.1	0	-0.1	0	0	0	0	0	0	0	0
6/14/2023 14:38	41801 GOCI_T2	1	1	0	0.5	0.5	0	0	0	0	0	0	0	0	0
6/14/2023 14:40	29402 BELT_T1	0	1	1	0	0.8	0.8	0	0	0	0	0	0	0	0
6/14/2023 14:44	29402 BELT_T1	0	1	1	0	0.8	0.8	0	0	0	0	0	0	0	0
6/14/2023 15:19	52403 GRPA_T2	0	0	0	0	0	0	0.14	0.26	0	0	0	0	0	0
6/14/2023 16:04	15001 BLMO_T1	346	346	0	3.91	4.03	0.12	0	0	0	0	0	0	0	0
6/14/2023 16:14	10602 BLGL_T2	1	1	0	0.1	0.1	0	0.97	0.93	0	0	0	0	0	0
6/14/2023 16:15	15001 BLMO_T1	346	346	0	3.81	4.01	0.2	0	0	0	0	0	0	0	0
6/14/2023 16:32	46506 LOHA_T1	0	0	0	0	0	0	-0.36	-0.37	0	0	0	0	0	0
6/14/2023 17:16	45003 LIME_2	1	1	0	4.3	3.9	-0.4	0	0	1	1	0	1200	1200	0
6/14/2023 17:28	48901 FOSP_T2	0	0	0	0	0	0	-0.4	-0.36	1	1	0	600	600	0
6/14/2023 17:29	43202 MVIL_T2	0	0	0	0	0	0	-0.68	-0.68	0	0	0	0	0	0
6/14/2023 17:53	12701 MACU_T1	0	0	0	0	0	0	0.11	0.12	0	0	0	0	0	0
6/14/2023 17:54	12701 MACU_T1	0	0	0	0	0	0	0.11	0.12	0	0	0	0	0	0
6/14/2023 17:57	47403 PENS_T1	1	1	0	2.5	2.8	0.3	0	0	0	0	0	0	0	0
6/14/2023 18:01	51904 COPA_T1	5	5	0	0.68	0.96	0.28	0	0	0	0	0	0	0	0
6/14/2023 19:13	60701 BREC_T1	0	0	0	0	0	0	0.07	0.08	0	0	0	0	0	0
6/14/2023 20:15	56802 BENV_T2	11	9	-2	0.25	0.29	0.04	-0.54	-0.53	0	0	0	0	0	0
6/14/2023 20:16	44801 EDAN_T2	11	2	-9	0.13	0.1	-0.03	0	0	0	0	0	0	0	0
6/14/2023 20:19	28403 HART_T2	1	1	0	6.3	7	0.7	-0.57	-0.57	1	1	0	900	900	0
6/14/2023 20:20	29401 BELT_T1	28	31	3	0.17	0.16	-0.01	0	0	1	1	0	900	900	0
6/14/2023 20:24	15001 BLMO_T1	355	355	0	3.68	3.9	0.22	0	0	0	0	0	0	0	0
6/14/2023 20:27	40101 HUNT_T2	0	0	0	0	0	0	-0.55	-0.6	0	0	0	0	0	0
6/14/2023 20:27	66505 SMAN_T2	0	3	3	0	0.5	0.5	0.35	0.29	2	2	0	1100	1100	0
6/14/2023 20:29	41901 REED_T1	10	11	1	1.04	1.16	0.12	0	0	0	0	0	0	0	0
6/14/2023 20:31	47401 PENS_T1	2	0	-2	0.1	0	-0.1	0.98	0.94	0	0	0	0	0	0
6/14/2023 20:33	20401 ASHF_T2	95	100	5	0.47	0.58	0.11	0	0	0	0	0	0	0	0
6/14/2023 20:33	12701 MACU_T1	0	0	0	0	0	0	0.09	0.09	0	0	0	0	0	0
6/14/2023 21:25	64101 REFR_T1	0	0	0	0	0	0	-0.02	-0.02	0	0	0	0	0	0
6/14/2023 21:40	64301 LINC_T1	0	0	0	0	0	0	0.37	0.35	0	0	0	0	0	0
6/14/2023 21:42	65604 QVIL_T2	16	18	2	0.27	0.26	-0.01	0	0	0	0	0	0	0	0
6/14/2023 22:11	15001 BLMO_T1	355	355	0	4.34	4.88	0.54	0	0	0	0	0	0	0	0
6/14/2023 22:13	42201 SHEN_T2	0	1	1	0	0.2	0.2	0.09	0.1	1	1	0	600	600	0
6/14/2023 22:17	64202 KINZ_T1	3	3	0	0.17	0.8	0.63	0	0	0	0	0	0	0	0
6/14/2023 22:19	15001 BLMO_T1	355	355	0	4.86	5.1	0.24	0	0	0	0	0	0	0	0
6/14/2023 22:23	46506 LOHA_T1	0	1	1	0	0.2	0.2	-0.44	-0.46	0	0	0	0	0	0
6/14/2023 22:28	41002 LAUR_T2	1	1	0	2.4	2.1	-0.3	-0.87	-0.88	0	0	0	0	0	0
6/14/2023 22:31	56802 BENV_T2	3	1	-2	0.3	0.6	0.3	-0.65	-0.66	0	0	0	0	0	0
6/14/2023 22:34	64201 KINZ_T1	1	3	2	1.3	0.73	-0.57	0.3	0.31	1	1	0	300	300	0
6/14/2023 22:37	53501 EVIL_T2	1	4	3	0.6	0.23	-0.37	0.01	-0.02	0	0	0	0	0	0
6/14/2023 22:50	52401 GRPA_T2	1	1	0	0.2	0.3	0.1	0	0	0	0	0	0	0	0
6/14/2023 22:55	15001 BLMO_T1	355	355	0	5.09	5.54	0.45	0	0	0	0	0	0	0	0
6/14/2023 22:58	48901 FOSP_T2	0	7	7	0	0.13	0.13	-0.45	-0.48	1	1	0	600	600	0
6/14/2023 23:00	59101 WALK_T2	0	0	0	0	0	0	1.04	1.04	0	0	0	0	0	0
6/14/2023 23:13	61202 REIN_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
6/14/2023 23:20	43202 MVIL_T2	0	0	0	0	0	0	-0.76	-0.76	0	0	0	0	0	0
6/14/2023 23:21	28604 BLYT_T2	0	0	0	0	0	0	-1.4	-1.42	0	0	0	0	0	0
6/14/2023 23:26	59101 WALK_T2	0	0	0	0	0	0	1.07	0.83	0	0	0	0	0	0
6/14/2023 23:27	66703 STRA_T1	5	5	0	0.44	0.32	-0.12	-0.4	-0.46	0	0	0	0	0	0
6/14/2023 23:28	56802 BENV_T2	1	16	15	0.6	0.14	-0.46	-0.77	-0.77	0	0	0	0	0	0
6/14/2023 23:29	46602 LACR_T1	4	0	-4	0.1	0	-0.1	-1.19	-1.22	0	0	0	0	0	0
6/14/2023 23:31	28403 HART_T2	1	1	0	6.9	6.9	0	-0.68	-0.67	1	1	0	900	900	0
6/14/2023 23:31	42701 AUGU_T1	0	1	1	1.4	1.5	0.1	0	0	2	2	0	1800	1800	0
6/14/2023 23:39	40902 JESH_T1	0	0	0	0	0	0	-0.5	-0.48	1	1	0	600	600	0
6/14/2023 23:40	46506 LOHA_T1	1	0	-1	0.1	0	-0.1	-0.47	-0.5	0	0	0	0	0	0
6/14/2023 23:42	58402 MORO_T1	0	0	0	0	0	0	-0.47	-0.43	1	1	0	600	600	0
6/14/2023 23:45	52403 GRPA_T2	1	1	0	0.1	0.1	0	-0.03	-0.04	0	0	0	0	0	0
6/14/2023 23:46	59101 WALK_T2	0	0	0	0	0	0	1.66	2.12	0	0	0	0	0	0
6/14/2023 23:52	59101 WALK_T2	0	0	0	0	0	0	1.06	0.97	0	0	0	0	0	0
6/14/2023 23:55	58402 MORO_T1	0	0	0	0	0	0	-0.43	-0.52	1	1	0	600	600	0
6/14/2023 23:55	56802 BENV_T2	16	1	-15	0.14	0.8	0.66	-0.77	-1.5	0	0	0	0	0	0
6/15/2023 0:01	47401 PENS_T1	0	0	0	0	0	0	0.65	0.68	0	0	0	0	0	0
6/15/2023 0:02	45001 LIME_2	32	33	1	0.49	0.48	-0.01	0	0	0	0	0	0	0	0
6/15/2023 0:02	51904 COPA_T1	5	5	0	1.48	0.68	-0.8	0	0	0	0	0	0	0	0
6/15/2023 0:07	44802 EDAN_T2	0	0	0	0	0	0	-1.8	-1.82	1	1	0	1200	1200	0
6/15/2023 0:22	66505 SMAN_T2	0	0	0	0	0	0	-0.09	-0.11	1	1	0	900	900	0
6/15/2023 0:23	67503 WEWI_T2	0	0	0	0	0	0	-0.35	-0.35	0	0	0	0	0	0
6/15/2023 0:28	45001 LIME_2	29	34	5	0.31	0.5	0.19	0	0	0	0	0	0	0	0
6/15/2023 0:28	20401 ASHF_T2	44	94	50	0.23	0.48	0.25	0	0	0	0	0	0	0	0
6/15/2023 0:28	53501 EVIL_T2	13	21	8	0.56	0.75	0.19	-0.47	-0.44	0	0	0	0	0	0
6/15/2023 0:28	28602 BLYT_T2	1	1	0	0.2	0.3	0.1	0	0	0	0	0	0	0	0
6/15/2023 0:28	47402 PENS_T1	0	1	1	0	0.5	0.5	0	0	0	0	0	0	0	0
6/15/2023 0:28	44802 EDAN_T2	0	0	0	0	0	0	-1.82	-1.83	1	1	0	1200	1200	0
6/15/2023 0:28	51902 COPA_T1	0	0	0	0	0	0	0.4	0.41	1	1	0	1200	1200	0
6/15/2023 0:28	52402 GRPA_T2	1	1	0	0.7	0.8	0.1	0	0	0	0	0	0	0	0
6/15/2023 0:28	43202 MVIL_T2	0	0	0	0	0	0	-0.77	-0.77	0	0	0	0	0	0
6/15/2023 0:28	61202 REIN_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
6/15/2023 0:28	40902 JESH_T1	0	0	0	0	0	0	-0.53	-0.48	1	1	0	600	600	0
6/15/2023 0:28	46506 LOHA_T1	0	0	0	0	0	0	-0.48	-0.5	0	0	0	0	0	0
6/15/2023 0:28	66703 STRA_T1	7	6	-1	0.36	0.43	0.07	-0.43	-0.43	0	0	0	0	0	0
6/15/2023 0:28	42701 AUGU_T1	1	1	0	1.4	1.7	0.3	0	0	2	2	0	1800	1800	0
6/15/2023 0:28	64202 KINZ_T1	3	3	0	0.8	1.33	0.53	0	0	0	0	0	0	0	0
6/15/2023 0:28	28403 HART_T2	1	1	0	7.3	7.9	0.6	-0.67	-0.67	1	1	0	900	900	0
6/15/2023 0:28	64305 LINC_T1	2	2	0	0.5	0.55	0.05	0	0	0	0	0	0	0	0
6/15/2023 0:28	59101 WALK_T2	0	0	0	0	0	0	3.95	3.04	0	0	0	0	0	0
6/15/2023 0:28	56802 BENV_T2	1	1	0	0.7	0.9	0.2	-4.56	-4.53	0	0	0	0	0	0
6/15/2023 0:28	46602 LACR_T1	0	0	0	0	0	0	-1.01	-1.02	0	0	0	0	0	0
6/15/2023 0:28	65604 QVIL_T2	0	14	14	0	0.21	0.21	-0.12	-0.14	0	0	0	0	0	0
6/15/2023 0:28	48901 FOSP_T2	0	0	0	0	0	0	-0.49	-0.45	1	1	0	600	600	0
6/15/2023 0:28	58402 MORO_T1	0	0	0	0	0	0	-1	-0.98	2	2	0	1200	1200	0
6/15/2023 0:28	15001 BLMO_T1	355	355	0	5.61

Appendix C - Grid Benefits Achieved in Each Instance of Active Management

6/15/2023 3:52	64801 MONE_T2	0	0	0	0	0	0	0.26	0.26	0	0	0	0	0	0
6/15/2023 3:54	63401 HONY_T1	0	0	0	0	0	0	-0.33	-0.29	1	1	0	600	600	0
6/15/2023 3:55	58402 MORO_T1	0	0	0	0	0	0	-0.48	-0.49	1	1	0	600	600	0
6/15/2023 3:55	56802 BENV_T2	1	1	0	0.5	0.6	0.1	-1.56	-1.54	0	0	0	0	0	0
6/15/2023 3:55	64203 KINZ_T1	500	227	-273	0.46	0.4	-0.06	0	0	0	0	0	0	0	0
6/15/2023 3:55	42201 SHEN_T2	1	1	0	0.1	0	-0.1	-0.02	-0.04	1	1	0	600	600	0
6/15/2023 3:57	65602 QVIL_T2	1	0	-1	0.1	0	-0.1	0	0	0	0	0	0	0	0
6/15/2023 3:58	60701 BREC_T1	0	0	0	0	0	0	0.24	0.22	0	0	0	0	0	0
6/15/2023 3:59	40902 JESH_T1	0	0	0	0	0	0	-0.47	-0.46	1	1	0	600	600	0
6/15/2023 3:59	47401 PENS_T1	0	0	0	0	0	0.59	0.58	0	0	0	0	0	0	0
6/15/2023 4:00	46504 LOHA_T1	39	2	-37	0.39	1.25	0.86	0	0	0	0	0	0	0	0
6/15/2023 4:00	43202 MVIL_T2	0	0	0	0	0	0	-0.79	-0.79	0	0	0	0	0	0
6/15/2023 4:01	47403 PENS_T1	1	1	0	1.6	2.3	0.7	0	0	0	0	0	0	0	0
6/15/2023 4:01	28604 BLYT_T2	0	0	0	0	0	0	-1.49	-1.48	0	0	0	0	0	0
6/15/2023 4:02	42903 MIDD_T2	2	2	0	0.25	0.1	-0.15	0	0	0	0	0	0	0	0
6/15/2023 4:02	65604 QVIL_T2	87	94	7	0.3	0.33	0.03	-0.17	-0.15	0	0	0	0	0	0
6/15/2023 4:02	66505 SMAN_T2	0	0	0	0	0	0	-0.14	-0.25	1	1	0	900	900	0
6/15/2023 4:03	67503 WEWI_T2	0	0	0	0	0	0	-0.43	-0.44	0	0	0	0	0	0
6/15/2023 4:03	14403 SSLA_T1	0	0	0	0	0	0	0.52	0.52	0	0	0	0	0	0
6/15/2023 4:05	46504 LOHA_T1	39	2	-37	0.39	1.25	0.86	0	0	0	0	0	0	0	0
6/15/2023 4:05	52403 GRPA_T2	0	0	0	0	0	0	-0.09	-0.04	0	0	0	0	0	0
6/15/2023 4:06	59101 WALK_T2	0	1	-1	0	0	0	1.78	1.86	0	0	0	0	0	0
6/15/2023 4:06	29402 BELT_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
6/15/2023 4:07	66703 STRA_T1	287	286	-1	0.74	0.64	-0.1	-0.5	-0.51	0	0	0	0	0	0
6/15/2023 4:08	56802 BENV_T2	1	1	0	0.6	0.6	0	-1.54	-1.58	0	0	0	0	0	0
6/15/2023 4:09	46602 LACR_T1	0	0	0	0	0	0	-1.08	-1.05	0	0	0	0	0	0
6/15/2023 4:11	28403 HART_T2	1	1	0	7.8	7.9	0.1	-0.72	-0.72	1	1	0	900	900	0
6/15/2023 4:11	42701 AUGU_T1	0	0	0	0	0	0	0	0	1	1	0	600	600	0
6/15/2023 4:12	59101 WALK_T2	0	1	1	0	0	0.89	0.93	0	0	0	0	0	0	0
6/15/2023 4:13	61202 REIN_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
6/15/2023 4:21	10805 CHHI_T2	1	1	0	8.3	8.3	0	-0.85	-0.86	0	0	0	0	0	0
6/15/2023 4:37	53501 EVIL_T2	19	13	-6	0.65	0.75	0.1	-0.7	-0.7	0	0	0	0	0	0
6/15/2023 4:53	53501 EVIL_T2	13	13	0	0.7	0.75	0.05	-0.7	-0.67	0	0	0	0	0	0
6/15/2023 5:26	59101 WALK_T2	0	0	0	0	0	0	1.31	1.41	0	0	0	0	0	0
6/15/2023 5:34	59101 WALK_T2	0	0	0	0	0	0	1.41	1.35	0	0	0	0	0	0
6/15/2023 5:46	59101 WALK_T2	0	0	0	0	0	0	1.41	1.35	0	0	0	0	0	0
6/15/2023 5:57	53501 EVIL_T2	7	5	-2	0.29	0.16	-0.13	-0.6	-0.5	0	0	0	0	0	0
6/15/2023 10:00	64204 KINZ_T1	1	1	0	0.7	1.1	0.4	0	0	0	0	0	0	0	0
6/15/2023 10:00	66505 SMAN_T2	0	0	0	0	0	0	0.61	0.72	2	2	0	1100	1100	0
6/15/2023 10:00	44801 EDAN_T2	1	0	-1	0.2	0	-0.2	0	0	0	0	0	0	0	0
6/15/2023 10:00	14403 SSLA_T1	0	2	2	0	0.3	0.3	1.08	0.97	0	0	0	0	0	0
6/15/2023 10:00	28403 HART_T2	1	1	0	7.9	8.1	0.2	-1.28	-1.22	2	2	0	1800	1800	0
6/15/2023 10:00	65604 QVIL_T2	0	1	1	0	0.2	0.2	0.04	0.06	0	0	0	0	0	0
6/15/2023 10:00	67604 WARW_T1	0	1	1	0	0	0	0.68	0.69	0	0	0	0	0	0
6/15/2023 10:00	45003 LIME_2	1	1	0	2.6	2.1	-0.5	0	0	1	1	0	1200	1200	0
6/15/2023 10:00	41801 GOCI_T2	2	3	1	0.35	0.5	0.15	0	0	0	0	0	0	0	0
6/15/2023 10:00	64101 REFR_T1	0	0	0	0	0	0	-0.14	-0.12	0	0	0	0	0	0
6/15/2023 10:00	24105 EHAZ_T1	4	4	0	6.5	6.25	-0.25	0	0	0	0	0	0	0	0
6/15/2023 10:00	43201 MVIL_T2	0	1	1	0	0	0	0	0	0	0	0	0	0	0
6/15/2023 10:00	41002 LAUR_T2	1	1	0	1.6	0.9	-0.7	-0.72	-0.64	0	0	0	0	0	0
6/15/2023 10:00	60701 BREC_T1	2	2	0	0.15	0.45	0.3	-0.29	-0.32	2	2	0	1200	1200	0
6/15/2023 10:00	66703 STRA_T1	1	1	0	0.5	1.3	0.8	0	0	0	0	0	0	0	0
6/15/2023 10:00	59102 WALK_T2	0	1	0	0	0.5	0.5	0	0	0	0	0	0	0	0
6/15/2023 10:00	58401 MORO_T1	1	1	0	0.3	0.3	0	0	0	0	0	0	0	0	0
6/15/2023 10:00	61202 REIN_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
6/15/2023 10:00	64201 KINZ_T1	0	0	0	0	0	-0.22	-0.1	3	3	0	1500	1500	0	
6/15/2023 10:00	56802 BENV_T2	7	7	0	0.4	0.37	-0.03	-2.64	-2.48	0	0	0	0	0	0
6/15/2023 10:00	47403 PENS_T1	1	1	0	2	2	0	0	0	0	0	0	0	0	0
6/15/2023 10:00	67502 WEWI_T2	1	6	5	0.5	0.32	-0.18	-0.19	-0.14	0	0	0	0	0	0
6/15/2023 10:00	46602 LACR_T1	0	0	0	0	0	0	-0.89	-0.89	0	0	0	0	0	0
6/15/2023 10:00	53501 EVIL_T2	1	1	0	0.1	0.1	0	-0.01	-0.09	1	1	0	600	600	0
6/15/2023 10:00	29401 BELT_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
6/15/2023 10:00	42902 MIDD_T2	0	0	0	0	0	0	-0.64	-0.54	2	2	0	900	900	0
6/15/2023 10:00	52403 GRPA_T2	0	1	1	0	0	0	0.12	0.1	0	0	0	0	0	0
6/15/2023 10:00	15001 BLMO_T1	355	355	0	3.56	4.18	0.62	0	0	0	0	0	0	0	0
6/15/2023 10:00	12701 MACU_T1	0	0	0	0	0	0	0.1	0.1	0	0	0	0	0	0
6/15/2023 10:00	52503 PROG_T2	0	0	0	0	0	0	-0.62	-0.58	1	1	0	900	900	0
6/15/2023 10:00	46504 LOHA_T1	2	1	-1	0.2	0.1	-0.1	0	0	0	0	0	0	0	0
6/15/2023 10:00	63404 HONY_T1	2	2	0	7.65	7.6	-0.05	0	0	0	0	0	0	0	0
6/15/2023 10:00	40901 JESH_T1	1	1	0	0.5	0.7	0.2	0	0	0	0	0	0	0	0
6/15/2023 10:00	20403 ASHF_T2	3	4	1	0.7	0.48	-0.22	0.73	0.86	0	0	0	0	0	0
6/15/2023 10:00	48901 FOSP_T2	0	0	0	0	0	0	0.1	0.1	1	1	0	600	600	0
6/15/2023 10:00	40101 HUNT_T2	0	0	0	0	0	0	-0.14	-0.11	0	0	0	0	0	0
6/15/2023 10:00	10805 CHHI_T2	1	1	0	8.4	8.7	0.3	-1.23	-0.85	1	1	0	1200	1200	0
6/15/2023 10:00	64802 MONE_T2	1	2	1	0.4	0.35	-0.05	0	0	0	0	0	0	0	0
6/15/2023 10:00	67503 WEWI_T2	0	0	0	0	0	0	-0.09	-0.1	0	0	0	0	0	0
6/15/2023 10:00	29402 BELT_T1	0	1	1	0	0	0	0	0	0	0	0	0	0	0
6/15/2023 10:00	12604 MACA_T1	0	0	0	0	0	0	0.44	0.42	0	0	0	0	0	0
6/15/2023 10:00	42201 SHEN_T2	0	0	0	0	0	0	0.24	0.28	2	2	0	1200	1200	0
6/15/2023 10:00	56601 HAMP_T1	0	0	0	0	0	0	-0.1	-0.14	0	0	0	0	0	0
6/15/2023 10:00	59301 MCAL_T1	2	2	0	0.6	0.4	-0.2	-1.4	-1.42	1	1	0	600	600	0
6/15/2023 10:00	64301 LINC_T1	0	0	0	0	0	0	0.72	0.19	1	1	0	600	600	0
6/15/2023 10:00	28604 BLYT_T2	0	0	0	0	0	0	-2.68	-2.66	0	0	0	0	0	0
6/15/2023 10:00	41902 REED_T1	0	0	0	0	0	0	-0.01	-0.01	1	1	0	900	900	0
6/15/2023 10:00	42701 AUGU_T1	1	1	0	0.5	0.4	-0.1	0	0	2	2	0	1800	1800	0
6/15/2023 10:07	15001 BLMO_T1	355	355	0	3.56	4.18	0.62	0	0	0	0	0	0	0	0
6/15/2023 10:19	15001 BLMO_T1	355	356	1	3.72	4.42	0.7	0	0	0	0	0	0	0	0
6/15/2023 10:26	10602 BLGL_T2	1	1	0	0.5	0.1	-0.4	1.51	1.53	0	0	0	0	0	0
6/15/2023 10:36	47403 PENS_T1	1	1	0	1.9	1.8	-0.1	0	0	0	0	0	0	0	0
6/15/2023 10:40	46506 LOHA_T1	0	0	0	0	0	0	-0.49	-0.46	0	0	0	0	0	0
6/15/2023 10:47	58803 COCO_T1	2	2	0	2.7	2.5	-0.2	-0.1	-0.09	0	0	0	0	0	0
6/15/2023 11:02	64202 KINZ_T1	0	3	3	0	0.17	0.17	0	0	0	0	0	0	0	0
6/15/2023 11:13	51604 DUKE_T2	4	3	-1	0.4	0.43	0.03	-1.59	-1.54	1	1	0	900	900	0
6/15/2023 11:13	15001 BLMO_T1	356	356	0	4	4.07	0.07	0	0	0	0	0	0	0	0
6/15/2023 11:21	15001 BLMO_T1	356	355	-1	4.03	4.08	0.05	0	0	0	0	0	0	0	0
6/15/2023 11:22	64802 MONE_T2	2	5	3	0.3	0.4	0.1	0	0	0	0	0	0	0	0
6/15/2023 11:25	59102 WALK_T2	1	2	1	0.3	0.5	0.2	0	0	0	0	0	0	0	0
6/15/2023 11:25	15001 BLMO_T1	356	355	-1	4.03	4.08	0.05	0	0	0	0	0	0	0	0
6/15/2023 11:26	59101 WALK_T2	0	0	0	0	0	0	1.55	1.64	0	0	0	0	0	0
6/15/2023 11:29	59101 WALK_T2	0	0	0	0	0	0	1.55	1.64	0	0	0	0	0	0
6/15/2023 11:30	67503 WEWI_T2	0	0	0	0	0	0	-0.06	-0.04	0	0	0	0	0	0
6/15/2023 11:33	28403 HART_T2	1	1	0	8.3	8.2	-0.1	-0.59	-0.57	1	1	0	900	900	0
6/15/2023 11:33	64202 KINZ_T1	3	1	-2	0.17	0.1	-0.07	0	0	0	0	0	0	0	0
6/15/2023 11:33	61801 EELI_T2	0	0	0	0	0	0	-0.61	-0.62	1	1	0	600	600	0
6/15/2023 11:37	28403 HART_T2	1	1	0	8.3	8.2	-0.1	-0.57	-0.58	1	1	0	900	900	0
6/15/2023 11:37	58803 COCO_T1	2	2	0	2.35	2.3	-0.05	-0.02	-0.03	0	0	0	0	0	0
6/15/2023 11:39	58803 COCO_T1	2	2	0	2.35	2.3	-0.05	-0.02	-0.03	0	0	0	0	0	0
6/15/2023 11:41	47802 MOCA_T2	2	2	0	0.7	0.6	-0.1	-0.82	-0.81	0	0	0	0	0	0
6/15/2023 11:42	66505 SMAN_T2	0	0	0	0	0	0	0.73	0.82	2	2	0	1100	1100	0
6/15/2023 11:42	59102 WALK_T2	2	2	0	0.5	0.5	0	0	0	0	0	0	0	0	0
6/15/2023 11:44	40101 HUNT_T2	0	0	0	0	0	0	-0.22	-0.22	0	0	0	0	0	0
6/15/2023 11:44	41902 REED_T1	0	0	0	0	0	0	-0.01	-0.01	1	1	0	900	900	0
6/15/2023 11:47	59002 MIFF_T1	4	5	1	0.28	0.36	0.08	0	0	0	0	0	0	0	0
6/15/2023 11:47	65604 QVIL_T2	0	1	1	0	0.4	0.4	0.08	0.1	0	0	0	0	0	0
6/15/2023 11:48	56802 BENV_T2	8	4	-4	0.45	0.43	-0.02	-0.61	-0.54	0	0	0	0	0	0
6/15/2023 11:48	61801 EELI_T2	0	0	0	0	0	0	-1.24	-1.46	2	2	0	1200	1200	0
6/15/2023 11:49	53501 EVIL_T2	0	7	7	0	0.56	0.56	0	-0.09	1	1	0	600	600	0
6/15/2023 11:50	41901 REED_T1	0	10	10	0	0.27	0.27	0	0	0	0	0	0	0	0
6/15/2023 11:52	28403 HART_T2	1	1	0	8.2	8.1	-0.1	-0.58	-0.57	1	1	0	900	900	0
6/15/2023 11:53	10805 CHHI_T2	1	1	0	8.2	7.6	-0.6	-1.71	-1.24	2	2	0	1800	1800	0
6/15/2023 11:57	28403 HART_T2	1	1	0	8.2	8.1	-0.1	-0.58	-0.57	1	1	0	900	900	0
6/15/2023 12:02	28604 BLYT_T2	0	0	0	0	0	0	-1.29	-1.28	0	0	0	0	0	0
6/15/2023 12:06	56802 BENV_T2	3	3	0	0.53	0.47	-0.06	-0.53	-0.53	0	0	0	0	0	0
6/15/2023 12:07	52502 PROG_T2	0	0	0	0	0	0	-0.51	-0.56	1	1	0	900	900	0
6/15/2023 12:18	44802 EDAN_T2	0	0	0	0	0	0	-1.46	-1.52	1	1	0	1200	1200	0
6/15/2023 12:37	44802 EDAN_T2	0	0	0	0	0	0	-1.51	-1.47	1	1	0	1200	1200	0
6/15/2023 13:20	67502 WEWI_T2	2	1	-1	0.5	0.3	-0.2	0.09	0.1	0	0	0	0	0	0
6/15/2023 13:20	44802 EDAN_T2	0	0	0	0	0	0	-1.49	-1.47	1	1	0	1200	1200	0
6/15/2023 13:24	51604 DUKE_T2	1	2	1	0.2	0.15	-0.05	-1.45	-1.46	1	1	0	900	900	0
6/15/2023 13:28	15001 BLMO_T1	355	356	1	3.47	3.59	0.12	0	0	0	0	0	0	0	0
6/15/2023 13:29	59101 WALK_T2	0	0	0	0	0	0	1.59	1.93	0	0	0	0	0	0
6/15/2023 13:33	15001 BLMO_T1	356	355	-1	3.56	3.59	0.03	0	0	0	0	0	0	0	0
6/15/2023 13:34	53501 EVIL_T2	0	1	1	0	0.1	0.1	-0.03	0.02	1	1	0	600	600	0
6/15/2023 13:36	67502 WEWI_T2	1	1	0	0.3	0.3	0	0.1	0.16	0	0	0	0	0	0
6/15/2023 13:38	46506 LOHA_T1	0	0	0	0	0	0	-0.39	-0.32	0	0	0	0	0	0
6/15/2023 13:38	64203 KINZ_T1	0	1	1	0	0	0	-0.22	-0.26	3	3	0	2100	2100	0
6/15/2023 13:40	15001 BLMO_T1	356	355	-1	3.56	3.59	0.03	0	0	0	0	0	0	0	0
6/15/2023 14:32	20403 ASHF_T2	3	3	0	0.2	0.77	0.57	1.69	1.56	0	0	0	0	0	0
6/15/2023 14:34	41801 GOCI_T2	3	6	3	0.93	0.58	-0.35	0	0	0	0	0	0	0	0
6/15/2023 14:44	20401 ASHF_T2	1	1	0	0.3	0	-0.3	0	0	0	0	0	0	0	0
6/15/2023 14:45	59102 WALK_T2	2	1	-1	0.6	0.5	-0.1	0	0	0	0	0	0	0	0
6/15/2023 14:49	41801 GOCI_T2	2	8	6	0.65	0.61	-0.04	0	0	0	0	0	0	0	0
6/15/2023 14:49	63403 HONY_T2	0	0	0	0	0	0	-0.08	-0.09	1	1	0	600	600	0
6/15/2023 15:10	15001 BLMO_T1	355	355	0	3.15	3.43	0.28	0	0	0	0	0	0	0	0
6/15/2023 15:12	52404 GRPA_T2	0	1	1	0	0.3	0.3	0	0	0	0	0	0	0	0
6/15/2023 15:14	11104 EGYP_T1	5	5	0	0.3	0	-0.3	0.88	0.91	0	0	0	0	0	0
6/15/2023 15:22	16302 ALPA_T2	1	0	-1	0.6	0	-0.6	-0.26	-0.24	0	0	0	0	0	0
6/15/2023 15:31	67502 WEWI_T2	0	0	0	0	0	0	0.04	0.03	0	0	0	0	0	0
6/15/2023 16:00	11102 EGYP_T1	0	1	1	0	0.3	0.3	0	0	0	0	0	0	0	0
6/15/2023 16:29	56802 BENV_T2	1	1	0	0.9	0.7	-0.2	-0.36	-0.43	0	0	0	0	0	0
6/15/2023 16:52	20403 ASHF_T2	1	0	-1	0.1	0	-0.1	0.45	0.45	0	0	0	0	0	0
6/15/2023 16:54	41801 GOCI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
6/15/2023 17:04	41902 REED_T1	1	2	1	0.6	0	-0.6	-0.01	-0.01	1	1	0	900	900	0
6/15/2023 17:17	58803 COCO_T1	2	2	0	0.9	0.9	0	0.29	0.29	0	0	0	0	0	0
6/15/2023 17:26	66505 SMAN_T2	0	1	1	0	0	0	0.32	0.46	2	2	0	1500	1500	0
6/15/2023 17:37	58803 COCO_T1	2	2	0	0.9	0.95	0.05	0.28	0.32	0	0	0	0	0	0
6/15/2023 17:38	62604 ENGL_T1	0	0	0	0	0	0	-1.18	-1.21	1	1	0	600	600	0
6/15/2023 17:45	53501 EVIL_T2	1	5	4	0.1	0.18	0.08	-0.64	-0.65	1	1	0	600	600	0
6/15/2023 18:17	58803 COCO_T1	2	2	0	1.35	1.2	-0.15	0.25	0.28	0	0	0	0	0	0
6/15/2023 19:11	44502 HAMI_T2	1	1	0	2.6	2.7	0.1	-0.69	-0.73	0	0	0	0	0	0
6/15/2023 20:22	28601 BLYT_T2	1	1	0	2.5	1.5	-1	0	0	0	0	0	0	0	0
6/15/2023 20:51	15001 BLMO_T1	355	355	0	3.36	4.24	0.88	0	0	0	0	0	0	0	0
6/15/2023 20:59	66505 SMAN_T2	0	2	2	0	0.1	0.1	0.11	0.03	2	2	0	1500	1500	0
6/15/2023 21:06	56802 BENV_T2	192	185	-7	0.33	0.29	-0.04	-0.53	-0.54	0	0	0	0	0	0
6/15/2023 21:08	59102 WALK_T2	1	3	2	0.1	0.13	0.03	0	0	0	0	0	0	0	0
6/15/2023 21:11	51604 DUKE_T2	5	5	0	0.14	0.18	0.04	-1.47	-1.5	1	1	0	900	900	0
6/15/2023 21:13	53501 EVIL_T2	7	7	0	0.3	0.43	0.13	-0.51	-0.68	1	1	0	600	600	0
6/15/2023 21:17	15001 BLMO_T1	354	354	0	4.23	4.15	-0.08	0	0	0	0	0	0	0	0
6/15/2023 21:22	64203 KINZ_T1	2	19	17	0.1	0.12	0.02	-0.16	-0.17	1	1	0	600	600	0
6/15/2023 21:51	65604 QVIL_T2	2	0	-2	0.15	0	-0.15	0.07	0.06	0	0	0	0	0	0
6/15/2023 22:09	15001 BLMO_T1	354	354	0	3.94	4.48	0.54	0	0	0	0	0	0	0	0
6/15/2023 22:19	15001 BLMO_T1	354	354	0	4.21	4.81	0.6	0	0	0	0	0	0	0	0
6/15/2023 22:23	59101 WALK_T2	0	0	0	0	0	0	1.27	1.23	0	0	0	0	0	0
6/15/2023 22:34	66505 SMAN_T2	0	0	0	0	0	0	0.14	0.21	1	1	0	900	900	0
6/15/2023 22:36	64201 KINZ_T1	3	10	7	0.63	0.28	-0.35	-0.3	-0.27	1	1	0	900	900	0
6/15/2023 22:43	42201 SHEN_T2	0	0	0	0	0	0	0.06	0.04	1	1	0	600	600	0
6/15/2023 22:44	52402 GRPA_T2	4	4	0	0.55	0.6	0.05	0	0	0	0	0	0	0	0
6/15/2023 22:48	56802 BENV_T2	1

6/16/2023 0:44	41902 REED_T1	0	0	0	0	0	0	-0.01	-0.01	1	1	0	900	900	0
6/16/2023 0:45	67503 WEWI_T2	0	0	0	0	0	0	-0.34	-0.35	0	0	0	0	0	0
6/16/2023 0:46	53501 EVIL_T2	21	22	1	1	1.1	0.1	-0.69	-0.73	0	0	0	0	0	0
6/16/2023 0:46	56802 BENV_T2	0	1	1	0	0.3	0.3	-0.78	-0.75	0	0	0	0	0	0
6/16/2023 0:49	56802 BENV_T2	0	1	1	0	0.3	0.3	-0.75	-0.8	0	0	0	0	0	0
6/16/2023 0:51	15001 BLMO_T1	355	355	0	5.64	6.08	0.44	0	0	0	0	0	0	0	0
6/16/2023 0:52	28403 HART_T2	1	1	0	7.2	7.1	-0.1	-0.68	-0.68	1	1	0	900	900	0
6/16/2023 1:00	28403 HART_T2	1	1	0	7.1	7.1	0	-0.68	-0.68	1	1	0	900	900	0
6/16/2023 1:01	11104 EGYP_T1	0	0	0	0	0	0	0.45	0.43	0	0	0	0	0	0
6/16/2023 1:07	59003 MIFF_T1	3	3	0	0.27	0.3	0.03	-0.11	-0.21	0	0	0	0	0	0
6/16/2023 1:29	53501 EVIL_T2	21	22	1	1.01	1.14	0.13	-0.72	-0.72	0	0	0	0	0	0
6/16/2023 1:34	56802 BENV_T2	0	1	1	0	0.2	0.2	-0.79	-0.8	0	0	0	0	0	0
6/16/2023 1:36	16301 ALPA_T1	1	2	1	0.4	0.3	-0.1	-0.49	-0.5	0	0	0	0	0	0
6/16/2023 1:43	44502 HAMI_T2	1	1	0	4.1	4.2	0.1	-0.99	-0.99	0	0	0	0	0	0
6/16/2023 1:44	44502 HAMI_T2	1	1	0	4.1	4.2	0.1	-0.99	-0.99	0	0	0	0	0	0
6/16/2023 1:50	52502 PROG_T2	0	0	0	0	0	0	-0.8	-0.78	1	1	0	900	900	0
6/16/2023 1:52	16301 ALPA_T1	1	9	8	0.5	0.17	-0.33	-0.5	-0.5	0	0	0	0	0	0
6/16/2023 1:55	44802 EDAN_T2	0	0	0	0	0	0	-1.83	-1.81	1	1	0	1200	1200	0
6/16/2023 1:56	11104 EGYP_T1	0	0	0	0	0	0	0.41	0.38	0	0	0	0	0	0
6/16/2023 1:57	58803 COCO_T1	2	2	0	1.85	2.05	0.2	-0.37	-0.34	0	0	0	0	0	0
6/16/2023 2:22	28602 BLYT_T2	2	2	0	0.4	0.3	-0.1	0	0	0	0	0	0	0	0
6/16/2023 2:30	29401 BELT_T1	0	0	0	0	0	0	0	0	1	1	0	900	900	0
6/16/2023 2:38	28604 BLYT_T2	0	0	0	0	0	0	-1.48	-1.46	0	0	0	0	0	0
6/16/2023 2:44	61801 EEU_T2	1	0	-1	0.2	0	-0.2	-2.12	-2.18	2	2	0	1200	1200	0
6/16/2023 2:46	29401 BELT_T1	0	0	0	0	0	0	0	0	1	1	0	900	900	0
6/16/2023 2:48	67503 WEWI_T2	0	0	0	0	0	0	-0.42	-0.42	0	0	0	0	0	0
6/16/2023 2:50	29401 BELT_T1	0	0	0	0	0	0	0	0	1	1	0	900	900	0
6/16/2023 2:52	28403 HART_T2	1	1	0	7.6	7.4	-0.2	-0.7	-0.7	1	1	0	900	900	0
6/16/2023 2:56	64204 KINZ_T1	324	281	-43	0.53	0.51	-0.02	0	0	0	0	0	0	0	0
6/16/2023 2:58	62604 ENGL_T1	0	0	0	0	0	0	-1.62	-0.98	1	0	-1	600	0	-600
6/16/2023 3:11	65602 QVIL_T2	28	26	-2	0.16	0.18	0.02	0	0	0	0	0	0	0	0
6/16/2023 3:22	28602 BLYT_T2	2	1	-1	0.4	0.4	0	0	0	0	0	0	0	0	0
6/16/2023 3:34	66505 SMAN_T2	3	3	0	0.97	1.03	0.06	-0.36	-0.26	1	1	0	900	900	0
6/16/2023 3:36	16301 ALPA_T1	1	1	0	0.4	0.4	0	-0.51	-0.52	0	0	0	0	0	0
6/16/2023 3:59	28403 HART_T2	1	2	1	7.1	7.1	0	-0.71	-0.71	1	1	0	900	900	0
6/16/2023 4:14	46602 LACR_T1	0	0	0	0	0	0	-0.46	-0.46	0	0	0	0	0	0
6/16/2023 4:33	61801 EEU_T2	0	0	0	0	0	0	-1.07	-1.09	1	1	0	600	600	0
6/16/2023 4:40	63402 HONY_T2	1	1	0	0.5	0.4	-0.1	0	0	0	0	0	0	0	0
6/16/2023 4:43	42201 SHEN_T2	0	0	0	0	0	0	0.53	0.53	0	0	0	0	0	0
6/16/2023 5:00	46504 LOHA_T1	2	2	0	0.3	1.15	0.85	0	0	0	0	0	0	0	0
6/16/2023 6:23	44503 HAMI_T2	0	1	1	0	0	0	0	0	0	0	0	0	0	0
6/16/2023 10:00	56802 BENV_T2	1	88	87	1	0.17	-0.83	-1.36	-1.22	0	0	0	0	0	0
6/16/2023 10:00	42201 SHEN_T2	0	0	0	0	0	0	0.67	0.65	0	0	0	0	0	0
6/16/2023 10:00	46504 LOHA_T1	2	0	-2	0.25	0	-0.25	0	0	0	0	0	0	0	0
6/16/2023 10:00	59003 MIFF_T1	3	3	0	0.77	0.57	-0.2	-0.26	-0.25	0	0	0	0	0	0
6/16/2023 10:00	56601 HAMP_T1	0	0	0	0	0	0	0.05	0.03	0	0	0	0	0	0
6/16/2023 10:00	67503 WEWI_T2	0	0	0	0	0	0	-0.18	-0.12	0	0	0	0	0	0
6/16/2023 10:00	41801 GOCI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
6/16/2023 10:00	41901 REED_T1	2	3	1	0.2	0.17	-0.03	0	0	0	0	0	0	0	0
6/16/2023 10:00	64201 KINZ_T1	0	0	0	0	0	0	-0.35	-0.32	3	3	0	1500	1500	0
6/16/2023 10:00	64203 KINZ_T1	0	0	0	0	0	0	-0.48	0	2	2	0	1800	1800	0
6/16/2023 10:00	12604 MACA_T1	0	0	0	0	0	0	0.39	0.42	0	0	0	0	0	0
6/16/2023 10:00	67503 WEWI_T2	0	0	0	0	0	0	-0.29	-0.22	0	0	0	0	0	0
6/16/2023 10:00	10805 CHHI_T2	1	3	2	8.7	4.4	-4.3	-0.82	-0.8	1	1	0	1200	1200	0
6/16/2023 10:00	67604 WARW_T1	0	0	0	0	0	0	0.65	0.65	0	0	0	0	0	0
6/16/2023 10:00	29401 BELT_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
6/16/2023 10:00	40101 HUNT_T2	0	0	0	0	0	0	-0.24	-0.34	0	0	0	0	0	0
6/16/2023 10:00	16302 ALPA_T2	0	0	0	0	0	0	0.75	0.74	0	0	0	0	0	0
6/16/2023 10:00	51604 DUKE_T2	0	0	0	0	0	0	-0.61	-0.57	0	0	0	0	0	0
6/16/2023 10:00	15001 BLMO_T1	355	355	0	4.6	4.4	-0.2	0	0	0	0	0	0	0	0
6/16/2023 10:00	16301 ALPA_T1	0	0	0	0	0	0	-0.25	-0.27	0	0	0	0	0	0
6/16/2023 10:00	64801 MONE_T2	0	1	1	0	0.1	0.1	0.58	0.64	0	0	0	0	0	0
6/16/2023 10:00	28403 HART_T2	1	1	0	7.5	7.5	0	-1.32	-1.32	2	2	0	1800	1800	0
6/16/2023 10:00	61801 EEU_T2	0	0	0	0	0	0	-2.31	-2.22	3	3	0	1800	1800	0
6/16/2023 10:00	59101 WALK_T2	0	0	0	0	0	0	3.16	3.1	0	0	0	0	0	0
6/16/2023 10:00	28601 BLYT_T2	1	1	0	0.7	0	-0.7	0	0	0	0	0	0	0	0
6/16/2023 10:00	52503 PROG_T2	0	0	0	0	0	0	-0.69	-0.68	1	1	0	900	900	0
6/16/2023 10:00	63402 HONY_T2	1	1	0	0.4	0.7	0.3	0	0	0	0	0	0	0	0
6/16/2023 10:00	11104 EGYP_T1	0	0	0	0	0	0	0.62	0.63	0	0	0	0	0	0
6/16/2023 10:00	65604 QVIL_T2	0	0	0	0	0	0	0.13	0.14	0	0	0	0	0	0
6/16/2023 10:00	62604 ENGL_T1	0	0	0	0	0	0	-0.83	-0.79	0	0	0	0	0	0
6/16/2023 10:00	40502 CRES_T2	0	0	0	0	0	0	0.09	0.09	0	0	0	0	0	0
6/16/2023 10:00	44502 HAMI_T2	1	1	0	2.4	2.5	0.1	-0.83	-0.79	0	0	0	0	0	0
6/16/2023 10:00	58803 COCO_T1	3	2	-1	2.2	2.65	0.45	-0.04	-0.13	0	0	0	0	0	0
6/16/2023 10:00	44801 EDAN_T2	1	0	-1	0.3	0	-0.3	0	0	0	0	0	0	0	0
6/16/2023 10:00	20403 ASHF_T2	46	32	-14	0.18	0.15	-0.03	0.04	0.06	0	0	0	0	0	0
6/16/2023 10:00	66505 SMAN_T2	3	0	-3	0.43	0	-0.43	-0.78	-0.7	8	4	-4	4600	2200	-2400
6/16/2023 10:00	47802 MOCA_T2	0	0	0	0	0	0	-0.88	-0.87	0	0	0	0	0	0
6/16/2023 10:58	56802 BENV_T2	118	168	50	0.18	0.28	0.1	-0.62	-0.64	0	0	0	0	0	0
6/16/2023 11:02	15001 BLMO_T1	355	355	0	4.35	4.52	0.17	0	0	0	0	0	0	0	0
6/16/2023 11:09	52502 PROG_T2	0	0	0	0	0	0	-0.67	-0.66	1	1	0	900	900	0
6/16/2023 11:10	64203 KINZ_T1	0	0	0	0	0	0	-1.22	0.57	2	0	-2	1800	0	-1800
6/16/2023 11:15	15001 BLMO_T1	355	355	0	4.21	4.56	0.35	0	0	0	0	0	0	0	0
6/16/2023 11:26	56802 BENV_T2	149	107	-42	0.28	0.21	-0.07	-0.6	-0.61	0	0	0	0	0	0
6/16/2023 11:27	59101 WALK_T2	0	0	0	0	0	0	1.34	1.07	0	0	0	0	0	0
6/16/2023 11:28	58803 COCO_T1	2	2	0	2.9	2.9	0	-0.17	-0.01	0	0	0	0	0	0
6/16/2023 11:32	56802 BENV_T2	85	108	23	0.22	0.21	-0.01	-0.6	-0.61	0	0	0	0	0	0
6/16/2023 11:32	65602 QVIL_T2	2	1	-1	0.1	0.1	0	0	0	0	0	0	0	0	0
6/16/2023 11:39	28403 HART_T2	1	1	0	7.5	7.5	0	-0.63	-0.61	1	1	0	900	900	0
6/16/2023 11:43	58803 COCO_T1	2	2	0	2.9	2.85	-0.05	-0.01	-0.1	0	0	0	0	0	0
6/16/2023 11:51	41902 REED_T1	0	0	0	0	0	0	0	0	1	1	0	900	900	0
6/16/2023 11:52	66703 STRA_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
6/16/2023 11:53	42701 AUGU_T1	0	1	1	0	0.1	0.1	0	0	2	2	0	1800	1800	0
6/16/2023 11:54	12701 MACU_T1	0	0	0	0	0	0	0.11	0.1	0	0	0	0	0	0
6/16/2023 11:55	41902 REED_T1	0	0	0	0	0	0	0	0	1	1	0	900	900	0
6/16/2023 11:56	66901 SHIL_T2	0	0	0	0	0	0	-1	-0.99	1	1	0	1200	1200	0
6/16/2023 11:57	28403 HART_T2	1	1	0	7.5	7.4	-0.1	-0.61	-0.66	1	1	0	900	900	0
6/16/2023 12:01	58402 MORO_T1	0	0	0	0	0	0	-0.25	-0.27	1	1	0	600	600	0
6/16/2023 12:06	45602 WOOL_T1	0	0	0	0	0	0	0.4	0.43	0	0	0	0	0	0
6/16/2023 12:07	40902 JESH_T1	0	0	0	0	0	0	-0.91	-0.92	2	2	0	1200	1200	0
6/16/2023 12:08	45003 LIME_2	1	1	0	2.5	3.7	1.2	0	0	1	1	0	1200	1200	0
6/16/2023 12:10	56802 BENV_T2	22	101	79	0.35	0.2	-0.15	-0.56	-0.57	0	0	0	0	0	0
6/16/2023 12:15	66505 SMAN_T2	0	0	0	0	0	0	0.62	0.45	2	2	0	1100	1100	0
6/16/2023 12:24	42701 AUGU_T1	1	1	0	0.1	0.3	0.2	0	0	2	2	0	1800	1800	0
6/16/2023 12:29	44801 EDAN_T2	1	1	0	0.3	0.6	0.3	0	0	0	0	0	0	0	0
6/16/2023 12:30	41901 REED_T1	3	0	-3	0.17	0	-0.17	0	0	0	0	0	0	0	0
6/16/2023 12:37	56802 BENV_T2	94	18	-76	0.2	0.48	0.28	-0.53	-0.52	0	0	0	0	0	0
6/16/2023 12:39	44801 EDAN_T2	1	1	0	0.6	0.2	-0.4	0	0	0	0	0	0	0	0
6/16/2023 12:39	66505 SMAN_T2	0	0	0	0	0	0	0.71	0.68	2	2	0	1100	1100	0
6/16/2023 12:41	64802 MONE_T2	13	7	-6	0.4	0.51	0.11	0	0	0	0	0	0	0	0
6/16/2023 12:42	44802 EDAN_T2	0	0	0	0	0	0	-1.69	-1.69	1	1	0	1200	1200	0
6/16/2023 12:43	44802 EDAN_T2	0	0	0	0	0	0	-1.69	-1.69	1	1	0	1200	1200	0
6/16/2023 12:49	66505 SMAN_T2	0	0	0	0	0	0	0.68	0.92	2	2	0	1100	1100	0
6/16/2023 12:52	28403 HART_T2	1	1	0	7.3	7.2	-0.1	-0.64	-0.64	1	1	0	900	900	0
6/16/2023 12:54	24101 EHAZ_T1	0	0	0	0	0	0	0.93	0.8	1	1	0	600	600	0
6/16/2023 12:57	64802 MONE_T2	7	6	-1	0.49	0.52	0.03	0	0	0	0	0	0	0	0
6/16/2023 13:05	28403 HART_T2	1	1	0	7.2	7.4	0.2	-0.64	-0.6	1	1	0	900	900	0
6/16/2023 13:10	10805 CHHI_T2	1	1	0	7.4	8.8	1.4	-0.51	-0.52	2	1	-1	1800	600	-1200
6/16/2023 13:27	15001 BLMO_T1	355	355	0	4.58	4.94	0.36	0	0	0	0	0	0	0	0
6/16/2023 13:29	10805 CHHI_T2	1	1	0	8.8	8.7	-0.1	-0.52	-0.51	1	1	0	600	600	0
6/16/2023 13:42	15001 BLMO_T1	355	355	0	4.93	5.04	0.11	0	0	0	0	0	0	0	0
6/16/2023 13:52	28403 HART_T2	1	1	0	7.5	7.7	0.2	-0.61	-0.61	1	1	0	900	900	0
6/16/2023 14:07	15001 BLMO_T1	355	356	1	5.03	4.94	-0.09	0	0	0	0	0	0	0	0
6/16/2023 14:22	28604 BLYT_T2	0	2	2	0	0.2	0.2	-1.3	-1.29	0	0	0	0	0	0
6/16/2023 14:31	27502 WEIS_T2	0	1	1	0	0.2	0.2	-0.52	-0.41	0	0	0	0	0	0
6/16/2023 14:32	41802 GOCI_T2	2	4	2	0.1	0.15	0.05	0	0	0	0	0	0	0	0
6/16/2023 14:38	28601 BLYT_T2	0	1	1	0	0.8	0.8	0	0	0	0	0	0	0	0
6/16/2023 14:43	64201 KINZ_T1	0	0	0	0	0	0	-0.28	-0.34	2	2	0	1200	1200	0
6/16/2023 14:50	41801 GOCI_T2	12	8	-4	0.57	0.49	-0.08	0	0	0	0	0	0	0	0
6/16/2023 14:57	14403 SSLA_T1	3	2	-1	0.4	0.45	0.05	1.08	1.06	0	0	0	0	0	0
6/16/2023 15:00	66505 SMAN_T2	0	0	0	0	0	0	0.98	0.84	2	2	0	1100	1100	0
6/16/2023 15:00	56802 BENV_T2	5	5	0	0.5	0.48	-0.02	-0.48	-0.47	0	0	0	0	0	0
6/16/2023 15:00	44802 EDAN_T2	0	0	0	0	0	0	-1.6	-1.6	1	1	0	1200	1200	0
6/16/2023 15:01	64801 MONE_T2	0	0	0	0	0	0	0.44	0.47	0	0	0	0	0	0
6/16/2023 15:02	28601 BLYT_T2	1	1	0	0.8	0.2	-0.6	0	0	0	0	0	0	0	0
6/16/2023 15:02	58803 COCO_T1	2	2	0	1.85	1.85	0	0.02	0.13	0	0	0	0	0	0
6/16/2023 15:02	40502 CRES_T2	7	8	1	0.23	0.21	-0.02	0.11	0.08	0	0	0	0	0	0
6/16/2023 15:02	52502 PROG_T2	0	0	0	0	0	0	-0.51	-0.53	1	1	0	900	900	0
6/16/2023 15:02	15001 BLMO_T1	357	356	-1	4.55	4.4	-0.15	0	0	0	0	0	0	0	0
6/16/2023 15:03	42903 MIDD_T2	2	2	0	0.1	0.4	0.3	0	0	0	0	0	0	0	0
6/16/2023 15:05	20403 ASHF_T2	32	6	-26	0.42	0.75	0.33	0.04	0.05	0	0	0	0	0	0
6/16/2023 15:05	28604 BLYT_T2	0	0	0	0	0	0	-1.32	-1.29	0	0	0	0	0	0
6/16/2023 15:06	40502 CRES_T2	7	8	1	0.23	0.21	-0.02	0.08	0.05	0	0	0	0	0	0
6/16/2023 15:07	42201 SHEN_T2	1	0	-1	1	0	-1	0.79	0.77	0	0	0	0	0	0
6/16/2023 15:07	15001 BLMO_T1	357	356	-1	4.55	4.4	-0.15	0	0	0	0	0	0	0	0
6/16/2023 15:08	58803 COCO_T1	2	2	0	1.85	1.85	0	0.13	0.08	0	0	0	0	0	0
6/16/2023 15:09	58402 MORO_T1	0	0	0	0	0	0	-0.94	-0.94	2	2	0	1500	1500	0
6/16/2023 15:09	40502 CRES_T2	7	8	1	0.23	0.21	-0.02	0.08	0.05	0	0	0	0	0	0
6/16/2023 15:10	10805 CHHI_T2	1	2	1	8.7	8.8	0.1	-0.71	-0.74	1	1	0	600	600	0
6/16/2023 15:11	42701 AUGU_T1	1	1	0	0.7	0.8	0.1	0	0	2	2	0	1800	1800	0
6/16/2023 15:11	64202 KINZ_T1	3	3	0	0.47	0.5	0.03	0	0	0	0	0	0	0	0
6/16/2023 15:11	47401 PENS_T1	2	3	1	0.25	0.33	0.08	1.24	1.21	0	0	0	0	0	0
6/16/2023 15:12	47401 PENS_T1	2	3	1	0.25	0.33	0.08	1.24	1.21	0	0	0	0	0	0
6/16/2023 15:12	61801 EEU_T2	0	0	0	0	0	0	-0.62	-0.66	1	1	0	600	600	0
6/16/2023 15:12	41802 GOCI_T2	4	5	1	0.15	0.2	0.05	0	0	0	0	0	0	0	0
6/16/2023 15:12	28403 HART_T2	1	1	0	7.8	7.7	-0.1	-0.61	-0.61	1	1	0	900	900	0
6/16/2023 15:13	54001 SDLE_T1	5	6	1	0.54	0.6	0.06	0	0	0	0	0	0	0	0
6/16/2023 15:14	46506 LOHA_T1	0	0	0	0	0	0	-1.42	-1.42	1	1	0	900	900	0
6/16/2023 15:15	64301 LINC_T1	0	0	0	0	0	0	0.11	0.05	1	1	0	600	600	0
6/16/2023 15:16	40502 CRES_T2	7	8	1	0.16	0.23	0.07	0.08	0.05	0	0	0	0	0	0
6/16/2023 15:25	52404 GRPA_T2	1	1	0	0.7	0.7	0	0	0	0	0	0	0	0	0
6/16/2023 16:10	60101 COCA_T1	1	0	-1	0.1	0	-0.1	0.47	0.45	0	0	0	0	0	0
6/16/2023 16:29	44801 EDAN_T2	1	0	-1	0.3	0	-0.3	0	0	0	0	0	0	0	0
6/16/2023 17:00	53501 EVIL_T2	5	2	-3	0.38	0.15	-0.23	-0.69	-0.74	1	1	0	600	600	0
6/16/2023 17:07	41902 REED_T1	0	1	1	0	0	0	0	0	1	1	0	900	900	0
6/16/2023 17:07	15001 BLMO_T1	355	355	0	2.95	2.89	-0.06	0	0	0	0	0	0	0	0
6/16/2023 17:13	14403 SSLA_T1	0	0	0	0	0	0	1.1	1.11	0	0	0	0	0	0
6/16/2023 17:22	15001 BLMO_T1	355	355	0	2.79	2.87	0.08	0	0	0	0	0	0	0	0
6/16/2023 17:28	15001 BLMO_T1	355	355	0	2.79	2.87	0.08	0	0	0	0	0	0	0	0
6/16/2023 17:35	15001 BLMO_T1	355	355	0	2.84	3.04	0.2	0	0	0	0	0	0	0	0
6/16/2023 18:00	56802 BENV_T2	1	1	0	1.2	1.3	0.1	-0.43	-0.51	0	0	0	0	0	0
6/16/2023 18:24	42002 MNVL_T2	1	1	0	2.3	2.3	0	0.04	0.04	0	0	0	0	0	0
6/16/2023 18:25	53501 EVIL_T2	0	7	7	0	0.13	0.13	-0.84	-0.71	1	1	0	600	600	0
6/16/2023 18:59	61202 REDL_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
6/16/2023 20:22	28601 BLYT_T2	1	1	0	0.3	0.2	-0.1	0	0	0	0	0	0	0	0
6/16/2023 20:35	40502 CRES_T2	7	7	0	0.3	0.22	-0.08	0.61	0.62	0	0	0	0	0	0
6/16/2023 20:37	42701 AUGU_T1	1	1	0	1	0.8	-0.2	0	0	2	2	0	1800	1800	0

6/16/2023 23:23	59101 WALK_T2	0	0	0	0	0	0	1.28	1.31	0	0	0	0	0	0
6/16/2023 23:26	59101 WALK_T2	0	0	0	0	0	0	1.28	1.31	0	0	0	0	0	0
6/16/2023 23:38	60101 COCA_T1	0	0	0	0	0	0	0.25	0.2	0	0	0	0	0	0
6/16/2023 23:40	28403 HART_T2	1	1	0	6.1	6.1	0	-0.67	-0.66	1	1	0	900	900	0
6/16/2023 23:40	58803 COCO_T1	2	2	0	1.95	2.2	0.25	-0.12	-0.12	0	0	0	0	0	0
6/16/2023 23:47	62606 ENGL_T1	0	1	1	0	0	0	0	0	0	0	0	0	0	0
6/16/2023 23:54	56802 BENV_T2	1	1	0	0.5	0.7	0.2	-0.7	-0.75	0	0	0	0	0	0
6/17/2023 0:21	42002 MNVL_T2	1	1	0	3.6	3.5	-0.1	-0.11	-0.1	0	0	0	0	0	0
6/17/2023 0:24	42701 AUGU_T1	1	0	-1	0.4	0	-0.4	0	0	1	1	0	600	600	0
6/17/2023 0:28	41801 GOCI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
6/17/2023 0:28	15001 BLMO_T1	355	355	0	4.72	5.14	0.42	0	0	0	0	0	0	0	0
6/17/2023 0:28	24105 EHAZ_T1	4	5	1	5.33	5.03	-0.3	0	0	0	0	0	0	0	0
6/17/2023 0:28	58803 COCO_T1	2	2	0	1.55	1.7	0.15	-0.38	-0.42	0	0	0	0	0	0
6/17/2023 0:28	40502 CRES_T2	0	0	0	0	0	0	3.08	3.01	0	0	0	0	0	0
6/17/2023 0:28	42902 MIDD_T2	6	13	7	0.4	0.32	-0.08	-0.76	-0.77	0	0	0	0	0	0
6/17/2023 0:28	59101 WALK_T2	0	0	0	0	0	0	1.9	1.84	0	0	0	0	0	0
6/17/2023 0:28	65604 QVIL_T2	0	0	0	0	0	0	-0.08	-0.08	0	0	0	0	0	0
6/17/2023 0:28	28403 HART_T2	1	1	0	6.3	6.2	-0.1	-1.34	-1.32	2	2	0	1800	1800	0
6/17/2023 0:28	27502 WEIS_T2	0	0	0	0	0	0	-0.23	-0.3	0	0	0	0	0	0
6/17/2023 0:28	10805 CHHI_T2	1	1	0	7.4	7.1	-0.3	-1.26	-1.28	1	1	0	600	600	0
6/17/2023 0:28	53501 EVIL_T2	21	21	0	1.1	1.45	0.35	-0.7	-0.74	0	0	0	0	0	0
6/17/2023 0:28	64801 MONE_T2	0	0	0	0	0	0	0.25	0.23	0	0	0	0	0	0
6/17/2023 0:28	56802 BENV_T2	0	1	1	0	0.1	0.1	-1.52	-1.5	0	0	0	0	0	0
6/17/2023 0:28	61202 REIN_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
6/17/2023 0:30	42002 MNVL_T2	1	1	0	3.5	3.4	-0.1	-0.11	-0.1	0	0	0	0	0	0
6/17/2023 0:30	14403 SSLA_T1	0	0	0	0	0	0	0.66	0.63	0	0	0	0	0	0
6/17/2023 0:33	53501 EVIL_T2	21	27	6	1.35	1.23	-0.12	-0.7	-0.74	0	0	0	0	0	0
6/17/2023 0:34	53501 EVIL_T2	21	27	6	1.35	1.23	-0.12	-0.74	-0.73	0	0	0	0	0	0
6/17/2023 0:41	41902 REED_T1	0	0	0	0	0	0	-0.01	-0.01	0	0	0	0	0	0
6/17/2023 0:42	42701 AUGU_T1	0	0	0	0	0	0	0	0	1	1	0	600	600	0
6/17/2023 0:43	42701 AUGU_T1	0	0	0	0	0	0	0	0	1	1	0	600	600	0
6/17/2023 0:44	61801 EEU_T2	0	0	0	0	0	0	-2	-2.06	2	2	0	1200	1200	0
6/17/2023 0:44	42701 AUGU_T1	0	0	0	0	0	0	0	0	1	1	0	600	600	0
6/17/2023 0:49	61801 EEU_T2	0	0	0	0	0	0	-2.06	-2.08	2	2	0	1200	1200	0
6/17/2023 1:00	42002 MNVL_T2	1	1	0	3.4	3.2	-0.2	-0.11	-0.12	0	0	0	0	0	0
6/17/2023 1:10	15001 BLMO_T1	355	355	0	4.79	4.96	0.17	0	0	0	0	0	0	0	0
6/17/2023 1:21	28403 HART_T2	1	1	0	6.3	6	-0.3	-0.67	-0.66	1	1	0	900	900	0
6/17/2023 1:31	42701 AUGU_T1	0	0	0	0	0	0	0	0	1	1	0	600	600	0
6/17/2023 1:41	67502 WEWI_T2	0	0	0	0	0	0	-1.58	-1.61	0	1	1	0	900	900
6/17/2023 1:43	67502 WEWI_T2	0	0	0	0	0	0	-1.58	-1.61	0	1	1	0	900	900
6/17/2023 2:04	42701 AUGU_T1	0	0	0	0	0	0	0	0	1	1	0	600	600	0
6/17/2023 2:15	67502 WEWI_T2	0	0	0	0	0	0	-1.55	-1.59	1	1	0	900	900	0
6/17/2023 2:43	59101 WALK_T2	0	0	0	0	0	0	1.2	1.09	0	0	0	0	0	0
6/17/2023 2:49	65604 QVIL_T2	0	0	0	0	0	0	-0.09	-0.06	0	0	0	0	0	0
6/17/2023 3:42	61801 EEU_T2	0	0	0	0	0	0	-2.12	-2.08	2	2	0	1200	1200	0
6/17/2023 3:46	59101 WALK_T2	0	0	0	0	0	0	1.13	0.91	0	0	0	0	0	0
6/17/2023 4:47	58803 COCO_T1	2	2	0	1.75	1.75	0	-0.4	-0.38	0	0	0	0	0	0
6/17/2023 4:53	53501 EVIL_T2	21	21	0	1.23	1.17	-0.06	-1.45	-1.43	0	0	0	0	0	0
6/17/2023 4:55	58803 COCO_T1	2	2	0	1.75	1.75	0	-0.38	-0.37	0	0	0	0	0	0
6/17/2023 5:00	58803 COCO_T1	2	2	0	1.75	1.75	0	-0.38	-0.37	0	0	0	0	0	0
6/17/2023 5:07	58803 COCO_T1	2	2	0	1.75	1.75	0	-0.37	-0.38	0	0	0	0	0	0
6/17/2023 5:14	56802 BENV_T2	1	1	0	0.5	0.4	-0.1	-0.84	-0.87	0	0	0	0	0	0
6/17/2023 10:00	12701 MACU_T1	0	0	0	0	0	0	0.1	0.12	0	0	0	0	0	0
6/17/2023 10:00	53502 EVIL_T2	1	1	0	0.6	0	-0.6	0	0	0	0	0	0	0	0
6/17/2023 10:00	54001 SDLE_T1	1	1	0	0.9	0.9	0	0	0	1	1	0	600	600	0
6/17/2023 10:00	52503 PROG_T2	0	0	0	0	0	0	-0.58	-0.57	1	1	0	900	900	0
6/17/2023 10:00	60101 COCA_T1	1	0	-1	0.5	0	-0.5	0.31	0.36	0	0	0	0	0	0
6/17/2023 10:00	47403 PENS_T1	1	1	0	2	2.1	0.1	0	0	0	0	0	0	0	0
6/17/2023 10:00	41801 GOCI_T2	2	3	1	0.55	0.67	0.12	0	0	0	0	0	0	0	0
6/17/2023 10:00	42902 MIDD_T2	1	1	0	0.4	0.2	-0.2	-0.58	-0.6	0	0	0	0	0	0
6/17/2023 10:00	28403 HART_T2	1	1	0	6.9	6.8	-0.1	-1.18	-1.08	2	2	0	1800	1800	0
6/17/2023 10:00	64201 KINZ_T1	0	0	0	0	0	0	-0.29	-0.23	3	3	0	1500	1500	0
6/17/2023 10:00	24105 EHAZ_T1	4	4	0	5.88	6	0.12	0	0	0	0	0	0	0	0
6/17/2023 10:00	59101 WALK_T2	0	0	0	0	0	0	1.81	1.78	0	0	0	0	0	0
6/17/2023 10:00	52502 PROG_T2	0	0	0	0	0	0	-1.21	-1.18	2	2	0	1800	1800	0
6/17/2023 10:00	42701 AUGU_T1	0	0	0	0	0	0	0	0	6	6	0	5400	5400	0
6/17/2023 10:00	56802 BENV_T2	1	1	0	0.2	0.2	0	-5.04	-4.97	0	0	0	0	0	0
6/17/2023 10:00	56601 HAMP_T1	0	0	0	0	0	0	0.04	0.05	0	0	0	0	0	0
6/17/2023 10:00	15001 BLMO_T1	356	356	0	3.93	3.82	-0.11	0	0	0	0	0	0	0	0
6/17/2023 10:00	45602 WOOL_T1	1	0	-1	0.1	0	-0.1	0.47	0.5	0	0	0	0	0	0
6/17/2023 10:00	47802 MOCA_T2	0	1	1	0	0.3	0.3	-0.97	-0.94	0	0	0	0	0	0
6/17/2023 10:00	12601 MACA_T1	0	1	1	0	0.1	0.1	0	0	0	0	0	0	0	0
6/17/2023 10:00	66703 STRA_T1	4	1	-3	0.13	0.1	-0.03	-0.04	-0.08	0	0	0	0	0	0
6/17/2023 10:00	14403 SSLA_T1	0	0	0	0	0	0	1.72	1.84	0	0	0	0	0	0
6/17/2023 10:00	44802 EDAN_T2	0	0	0	0	0	0	-3.38	-3.3	2	2	0	2400	2400	0
6/17/2023 10:00	45001 LIME_2	0	1	1	0	0	0	0	0	0	0	0	0	0	0
6/17/2023 10:00	41902 REED_T1	2	2	0	0.5	0	-0.5	-0.01	-0.01	0	0	0	0	0	0
6/17/2023 10:00	64204 KINZ_T1	1	1	0	0.4	0.7	0.3	0	0	0	0	0	0	0	0
6/17/2023 10:00	67605 WARW_T1	1	1	0	1	1.1	0.1	0	0	0	0	0	0	0	0
6/17/2023 10:00	66901 SHIL_T2	0	1	1	0	0	0	-1	-1.01	1	1	0	1200	1200	0
6/17/2023 10:00	42201 SHEN_T2	0	0	0	0	0	0	0.69	0.69	0	0	0	0	0	0
6/17/2023 10:00	66505 SMAN_T2	0	0	0	0	0	0	1.14	1.18	4	4	0	2200	2200	0
6/17/2023 10:00	58402 MORO_T1	0	0	0	0	0	0	-0.7	-0.74	2	2	0	1200	1200	0
6/17/2023 10:00	20403 ASHF_T2	1	1	0	0.5	0.8	0.3	0.24	0.21	0	0	0	0	0	0
6/17/2023 10:00	64801 MONE_T2	0	2	2	0	0.2	0.2	0.62	0.67	0	0	0	0	0	0
6/17/2023 10:00	27502 WEIS_T2	0	0	0	0	0	0	0.01	0.01	0	0	0	0	0	0
6/17/2023 10:00	61801 EEU_T2	0	0	0	0	0	0	-2.34	-2.46	3	3	0	1800	1800	0
6/17/2023 10:00	42002 MNVL_T2	1	1	0	3.4	3.5	0.1	-0.03	-0.03	0	0	0	0	0	0
6/17/2023 10:00	58803 COCO_T1	2	2	0	1.4	1.35	-0.05	-0.18	-0.14	0	0	0	0	0	0
6/17/2023 10:00	28604 BLYT_T2	0	0	0	0	0	0	-2.6	-2.58	0	0	0	0	0	0
6/17/2023 10:00	40901 JESH_T1	1	1	0	1.4	1.5	0.1	0	0	0	0	0	0	0	0
6/17/2023 10:00	10805 CHHI_T2	1	1	0	8.8	8.9	0.1	-0.85	-0.75	0	0	0	0	0	0
6/17/2023 10:00	46506 LOHA_T1	0	0	0	0	0	0	-0.48	-0.45	0	0	0	0	0	0
6/17/2023 10:00	40502 CRES_T2	0	0	0	0	0	0	-0.56	-0.28	0	0	0	0	0	0
6/17/2023 10:00	61202 REIN_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
6/17/2023 10:00	67502 WEWI_T2	1	1	0	0.2	0.6	0.4	-1.26	-1.26	1	1	0	900	900	0
6/17/2023 10:09	64301 LINC_T1	0	0	0	0	0	0	0.37	0.34	0	0	0	0	0	0
6/17/2023 10:18	15001 BLMO_T1	356	356	0	3.82	3.72	-0.1	0	0	0	0	0	0	0	0
6/17/2023 10:49	56802 BENV_T2	1	1	0	0.3	0.1	-0.2	-0.66	-0.64	0	0	0	0	0	0
6/17/2023 10:58	64204 KINZ_T1	1	1	0	0.7	0.5	-0.2	0	0	0	0	0	0	0	0
6/17/2023 11:10	64204 KINZ_T1	1	1	0	0.5	0.9	0.4	0	0	0	0	0	0	0	0
6/17/2023 11:10	61801 EEU_T2	0	0	0	0	0	0	-0.83	-0.77	1	1	0	600	600	0
6/17/2023 11:16	64202 KINZ_T1	0	2	2	0	0.15	0.15	0	0	0	0	0	0	0	0
6/17/2023 11:22	59101 WALK_T2	0	0	0	0	0	0	0.97	1.03	0	0	0	0	0	0
6/17/2023 11:23	66503 SMAN_T2	0	1	1	0	0	0	0	0	0	0	0	0	0	0
6/17/2023 11:24	15001 BLMO_T1	355	355	0	3.37	3.21	-0.16	0	0	0	0	0	0	0	0
6/17/2023 11:24	56802 BENV_T2	1	0	-1	0.1	0	-0.1	-0.6	-0.6	0	0	0	0	0	0
6/17/2023 11:37	56802 BENV_T2	0	1	1	0	0	0	-0.6	-0.59	0	0	0	0	0	0
6/17/2023 11:37	59101 WALK_T2	0	0	0	0	0	0	1.03	1.12	0	0	0	0	0	0
6/17/2023 11:41	61202 REIN_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
6/17/2023 11:49	58803 COCO_T1	2	3	1	1.2	2.7	1.5	-1.19	-1.18	0	0	0	0	0	0
6/17/2023 11:49	28403 HART_T2	1	1	0	6.9	6.9	0	-0.48	-0.49	1	1	0	900	900	0
6/17/2023 11:50	40101 HUNT_T2	0	0	0	0	0	0	-0.67	-0.65	0	0	0	0	0	0
6/17/2023 11:50	58803 COCO_T1	2	3	1	1.2	2.7	1.5	-1.19	-1.18	0	0	0	0	0	0
6/17/2023 11:52	43202 MVIL_T2	0	0	0	0	0	0	-0.69	-0.69	0	0	0	0	0	0
6/17/2023 11:57	42002 MNVL_T2	1	1	0	3.8	3.7	-0.1	0	0	0	0	0	0	0	0
6/17/2023 12:02	41901 REED_T1	2	2	0	0.2	0.2	0	0	0	0	0	0	0	0	0
6/17/2023 12:04	52502 PROG_T2	0	0	0	0	0	0	-0.46	-0.43	1	1	0	900	900	0
6/17/2023 12:04	28403 HART_T2	1	1	0	6.9	6.6	-0.3	-0.49	-0.48	1	1	0	900	900	0
6/17/2023 12:04	40901 JESH_T1	1	1	0	1.7	1.3	-0.4	0	0	0	0	0	0	0	0
6/17/2023 12:07	66701 STRA_T1	1	0	-1	0.1	0	-0.1	0	0	0	0	0	0	0	0
6/17/2023 12:09	12701 MACU_T1	0	0	0	0	0	0	0.17	0.19	0	0	0	0	0	0
6/17/2023 12:09	66703 STRA_T1	0	0	0	0	0	0	0.11	0.11	0	0	0	0	0	0
6/17/2023 12:13	52403 GRPA_T2	0	0	0	0	0	0	0.09	0.12	0	0	0	0	0	0
6/17/2023 12:14	56802 BENV_T2	0	0	0	0	0	0	-0.55	-0.59	0	0	0	0	0	0
6/17/2023 12:15	45602 WOOL_T1	1	0	-1	0.1	0	-0.1	0.5	0.53	0	0	0	0	0	0
6/17/2023 12:19	12701 MACU_T1	0	0	0	0	0	0	0.19	0.18	0	0	0	0	0	0
6/17/2023 12:23	45602 WOOL_T1	1	0	-1	0.1	0	-0.1	0.53	0.53	0	0	0	0	0	0
6/17/2023 12:24	40901 JESH_T1	1	1	0	1.6	1.3	-0.3	0	0	0	0	0	0	0	0
6/17/2023 12:31	56802 BENV_T2	0	0	0	0	0	0	-0.59	-0.55	0	0	0	0	0	0
6/17/2023 12:39	52502 PROG_T2	0	0	0	0	0	0	-0.43	-0.41	1	1	0	900	900	0
6/17/2023 12:40	52502 PROG_T2	0	0	0	0	0	0	-0.43	-0.41	1	1	0	900	900	0
6/17/2023 12:44	56802 BENV_T2	0	0	0	0	0	0	-0.55	-0.51	0	0	0	0	0	0
6/17/2023 12:57	67502 WEWI_T2	0	1	1	0	0.7	0.7	0	0	0	0	0	0	0	0
6/17/2023 13:02	28403 HART_T2	1	1	0	6.7	6.7	0	-0.45	-0.48	1	1	0	900	900	0
6/17/2023 13:21	28403 HART_T2	1	1	0	6.8	6.7	-0.1	-0.48	-0.45	1	1	0	900	900	0
6/17/2023 13:22	28403 HART_T2	1	1	0	6.8	6.7	-0.1	-0.48	-0.45	1	1	0	900	900	0
6/17/2023 13:31	29402 BELT_T1	39	58	19	0.33	0.41	0.08	0	0	0	0	0	0	0	0
6/17/2023 13:42	15001 BLMO_T1	355	356	1	2.96	2.92	-0.04	0	0	0	0	0	0	0	0
6/17/2023 13:52	28604 BLYT_T2	0	0	0	0	0	0	-1.2	-1.21	0	0	0	0	0	0
6/17/2023 13:53	67502 WEWI_T2	1	1	0	0.4	0.2	-0.2	-1.09	-1.15	1	1	0	900	900	0
6/17/2023 13:54	56802 BENV_T2	0	1	1	0	0.4	0.4	-1.13	-1.19	0	0	0	0	0	0
6/17/2023 13:56	67502 WEWI_T2	1	1	0	0.4	0.2	-0.2	-1.09	-1.15	1	1	0	900	900	0
6/17/2023 13:58	60504 NMAN_T2	1	0	-1	0.2	0	-0.2	0	0	0	0	0	0	0	0
6/17/2023 13:59	52502 PROG_T2	0	0	0	0	0	0	-0.37	-0.36	1	1	0	900	900	0
6/17/2023 14:00	15001 BLMO_T1	356	355	-1	2.81	2.75	-0.06	0	0	0	0	0	0	0	0
6/17/2023 14:01	29401 BELT_T1	0	1	1	0	0.1	0.1	0	0	1	1	0	900	900	0
6/17/2023 14:02	15001 BLMO_T1	356	355	-1	2.81	2.75	-0.06	0	0	0	0	0	0	0	0
6/17/2023 14:04	41801 GOCI_T2	28	18	-10	0.39	0.44	0.05	0	0	0	0	0	0	0	0
6/17/2023 14:04	40901 JESH_T1	1	1	0	1.6	1.6	0	0	0	0	0	0	0	0	0
6/17/2023 14:04	66505 SMAN_T2	0	0	0	0	0	0	-0.71	-0.22	3	2	-1	1700	1500	-200
6/17/2023 14:07	66701 STRA_T1	0	1	1	0	0.4	0.4	0	0	0	0	0	0	0	0
6/17/2023 14:07	10602 BLGL_T2	0	0	0	0	0	0	0.27	0.28	0	0	0	0	0	0
6/17/2023 14:09	12701 MACU_T1	0	0	0	0	0	0	0.22	0.22	0	0	0	0	0	0
6/17/2023 14:10	64204 KINZ_T1	2	2	0	0.3	0.3	0	0	0	0	0	0	0	0	0
6/17/2023 14:12	52502 PROG_T2	0	0	0	0	0	0	-0.36	-0.39	1	1	0	900	900	0
6/17/2023 14:15	45601 WOOL_T1	1	1	0	0	0	0	0	0	0	0	0	0	0	0
6/17/2023 14:21	28403 HART_T2	1	1	0	6.7	6.8	0.1	-0.46	-0.42	1	1	0	900	900	0
6/17/2023 14:21	52403 GRPA_T2	1	1	0	0.9	1	0.1	-0.45	-0.45	0	0	0	0	0	0
6/17/2023 14:26	52402 GRPA_T2	1	2	1	0.1	0.2	0.1	0	0	0	0	0	0	0	0
6/17/2023 15:02	59101 WALK_T2	0	0	0	0	0	0	1.24	1.13	0	0	0	0	0	0
6/17/2023 15:08	11104 EGYP_T1	0	5	5	0	0.16	0.16	0.92	0.89	0	0	0	0	0	0
6/17/2023 15:54	11104 EGYP_T1	0	5	5	0	0	0	0.93	0.89	0	0	0	0	0	0
6/17/2023 15:57	58803 COCO_T1	2	2	0	0.7	0.9	0.2	0.25	0.21	0	0	0	0	0	0
6/17/2023 16:27	15001 BLMO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
6/17/2023 16:35	15001 BLMO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
6/17/2023 17:09	20403 ASHF_T2	0	0	0	0	0	0	0.44	0.44	0	0	0	0	0	0
6/17/2023 17:09	58803 COCO_T1	2	2	0	0.7	2.45	1.75	-0.95	-0.92	0	0	0	0	0	0
6/17/2023 17:33	67502 WEWI_T2	0	0	0	0	0	0	-1.01	-1.03	1	1	0	900	900	0
6/17/2023 17:35	29402 BELT_T1	17	0	-17	0.18	0	-0.18	0	0	0	0	0	0	0	0
6/17/2023 18:03	65604 QVIL_T2	4	3	-1	0.88	0.8	-0.08	0.29	0.24	0	0	0	0	0	0
6/17/2023 19:12	59101 WALK_T2	0	0	0	0	0	0	0.8	1.16	1	1	0	450	450	0
6/17/2023 20:49	61801 EEU_T2	0	0	0	0	0	0	-0.8	-0.8	1	1	0	600	600	0
6/17/2023 21:07	43202 MVIL_T2	0	0	0	0	0	0	-0.72	-0.72	0	0	0	0	0	0
6/17/2023 21:09	28403 HART_T2	1	1	0	6.1	6	-0.1	-0.6	-0.62	1	1	0	900	900	0
6/17/2023 21:11	66701 STRA_T1	0	1	1	0	0	0	0	0	0	0	0	0	0	0
6/17/2023 21:13	40101 HUNT_T2	0	0	0	0	0	0	-0.67	-0.67	0	0	0	0	0	0
6/17/2023 21:16	45602 WOOL_T1	0	0	0	0	0	0	0.53	0.53	0	0	0	0	0	0
6/17/2023 21:16	63402 HONY_T2	1	1	0

Appendix C - Grid Benefits Achieved in Each Instance of Active Management

6/18/2023 2:39	28604 BLYT_T2	0	0	0	0	0	0	-1.46	-1.46	0	0	0	0	0	0
6/18/2023 2:41	66505 SMAN_T2	0	2	2	0	0.15	0.15	-0.13	-0.16	1	1	0	900	900	0
6/18/2023 3:21	58402 MORO_T1	0	0	0	0	0	0	-0.55	-0.57	1	1	0	600	600	0
6/18/2023 3:29	28602 BLYT_T2	2	2	0	0.3	0.5	0.2	0	0	0	0	0	0	0	0
6/18/2023 3:37	59101 WALK_T2	0	0	0	0	0	0	0.96	1.2	0	0	0	0	0	0
6/18/2023 4:00	60502 NMAN_T2	1	1	0	0.6	0.7	0.1	-0.62	-0.62	0	0	0	0	0	0
6/18/2023 4:01	58803 COCO_T1	2	2	0	2.05	2.15	0.1	-0.39	-0.4	0	0	0	0	0	0
6/18/2023 4:07	60502 NMAN_T2	1	1	0	0.6	0.7	0.1	-0.62	-0.62	0	0	0	0	0	0
6/18/2023 4:08	56802 BENV_T2	1	1	0	0.6	0.8	0.2	-0.81	-0.85	0	0	0	0	0	0
6/18/2023 4:09	28403 HART_T2	1	1	0	7.6	7.6	0	-0.71	-0.68	1	1	0	900	900	0
6/18/2023 4:35	15001 BLMO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
6/18/2023 4:41	61202 REIN_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
6/18/2023 4:49	15001 BLMO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
6/18/2023 4:59	64201 KINZ_T1	276	173	-103	0.39	0.41	0.02	0.58	0.57	0	0	0	0	0	0
6/18/2023 5:00	47402 PENS_T1	1	1	0	0.1	0.2	0.1	0	0	0	0	0	0	0	0
6/18/2023 5:08	43202 MVIL_T2	0	0	0	0	0	0	-0.79	-0.79	0	0	0	0	0	0
6/18/2023 5:08	47402 PENS_T1	1	1	0	0.1	0.2	0.1	0	0	0	0	0	0	0	0
6/18/2023 5:10	58402 MORO_T1	0	0	0	0	0	0	-0.54	-0.51	1	1	0	600	600	0
6/18/2023 5:13	45003 LIME_2	2	2	0	2.7	2.8	0.1	0	0	1	1	0	1200	1200	0
6/18/2023 5:20	47402 PENS_T1	1	1	0	0.2	0.4	0.2	0	0	0	0	0	0	0	0
6/18/2023 5:21	47402 PENS_T1	1	1	0	0.2	0.4	0.2	0	0	0	0	0	0	0	0
6/18/2023 5:40	60502 NMAN_T2	0	0	0	0.7	0.9	0.2	-0.59	-0.58	0	0	0	0	0	0
6/18/2023 5:55	15001 BLMO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
6/18/2023 10:00	45003 LIME_2	1	1	0	2.7	2.8	0.1	0	0	1	1	0	1200	1200	0
6/18/2023 10:00	40101 HUNT_T2	0	0	0	0	0	0	-0.73	-0.72	0	0	0	0	0	0
6/18/2023 10:00	66701 STRA_T1	1	0	-1	0.8	0	-0.8	0	0	0	0	0	0	0	0
6/18/2023 10:00	12605 MACA_T1	1	1	0	0.4	0.7	0.3	0	0	0	0	0	0	0	0
6/18/2023 10:00	52503 PROG_T2	1	1	0	0.1	0.1	0	-0.6	-0.56	1	1	0	900	900	0
6/18/2023 10:00	67605 WARW_T1	1	1	0	0.9	1	0.1	0	0	0	0	0	0	0	0
6/18/2023 10:00	45602 WOOL_T1	0	0	0	0	0	0	0.43	0.47	0	0	0	0	0	0
6/18/2023 10:00	65604 QVIL_T2	0	31	31	0	0.35	0.35	0.05	0.09	0	0	0	0	0	0
6/18/2023 10:00	28604 BLYT_T2	0	1	1	0	0.1	0.1	-1.35	-1.35	0	0	0	0	0	0
6/18/2023 10:00	52402 GRPA_T2	1	1	0	0.1	0.2	0.1	0	0	0	0	0	0	0	0
6/18/2023 10:00	43202 MVIL_T2	0	0	0	0	0	0	-0.74	-0.71	0	0	0	0	0	0
6/18/2023 10:00	15001 BLMO_T1	1	1	0	0.3	0.2	-0.1	0	0	0	0	0	0	0	0
6/18/2023 10:00	47401 PENS_T1	0	0	0	0	0	0	1.88	1.78	0	0	0	0	0	0
6/18/2023 10:00	11102 EGYP_T1	1	3	2	1.6	1.57	-0.03	0	0	0	0	0	0	0	0
6/18/2023 10:00	64204 KINZ_T1	2	5	3	0.1	0.32	0.22	0	0	0	0	0	0	0	0
6/18/2023 10:00	63403 HONY_T2	0	0	0	0	0	0	-0.33	-0.36	1	1	0	600	600	0
6/18/2023 10:00	60502 NMAN_T2	0	0	0	0	0	0	-0.73	-0.64	0	0	0	0	0	0
6/18/2023 10:00	59102 WALK_T2	1	1	0	0.2	0.7	0.5	0	0	0	0	0	0	0	0
6/18/2023 10:00	28403 HART_T2	1	1	0	7.1	7.1	0	-1.16	-1.14	2	2	0	1800	1800	0
6/18/2023 10:00	29402 BELT_T1	0	110	110	0	0.8	0.8	0	0	0	0	0	0	0	0
6/18/2023 10:00	66505 SMAN_T2	0	1	1	0	0	0	1.07	1.28	4	4	0	2200	2200	0
6/18/2023 10:00	64203 KINZ_T1	0	0	0	0	0	0	0.19	0.24	0	0	0	0	0	0
6/18/2023 10:00	41801 GOG_T2	24	15	-9	0.27	0.31	0.04	0	0	0	0	0	0	0	0
6/18/2023 10:00	40902 JESH_T1	0	0	0	0	0	0	-0.54	-0.52	1	1	0	600	600	0
6/18/2023 10:00	67503 WEWI_T2	0	0	0	0	0	0	-0.17	-0.15	0	0	0	0	0	0
6/18/2023 10:00	58803 COCO_T1	2	2	0	1.5	1.45	-0.05	-0.27	-0.15	0	0	0	0	0	0
6/18/2023 10:00	64801 MONE_T2	1	1	0	0.6	0.7	0.1	0.3	0.35	0	0	0	0	0	0
6/18/2023 10:00	20401 ASHF_T2	1	1	0	0.3	0.2	-0.1	0	0	0	0	0	0	0	0
6/18/2023 10:00	52502 PROG_T2	0	0	0	0	0	0	-1.8	-1.64	3	3	0	2700	2700	0
6/18/2023 10:00	42701 AUGU_T1	0	0	0	0	0	0	0	0	2	2	0	1800	1800	0
6/18/2023 10:00	67503 WEWI_T2	0	0	0	0	0	0	-0.17	-0.15	0	0	0	0	0	0
6/18/2023 10:00	61202 REIN_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
6/18/2023 10:00	29402 BELT_T1	0	110	110	0	0.8	0.8	0	0	0	0	0	0	0	0
6/18/2023 10:00	12701 MACU_T1	0	1	1	0	0	0	0.13	0.13	0	0	0	0	0	0
6/18/2023 10:00	42001 MNVL_T2	0	0	0	0	0	0	0.05	0.06	0	0	0	0	0	0
6/18/2023 10:00	10805 CHHI_T2	1	1	0	8.1	8.2	0.1	-0.99	-0.94	0	0	0	0	0	0
6/18/2023 10:00	10602 BLGL_T2	1	2	1	9.2	9	-0.2	0.38	0.38	0	0	0	0	0	0
6/18/2023 10:00	56802 BENV_T2	1	0	-1	0.1	0	-0.1	-2.19	-2.1	0	0	0	0	0	0
6/18/2023 10:00	56601 HAMP_T1	0	0	0	0	0	0	0.05	0.09	0	0	0	0	0	0
6/18/2023 10:00	58402 MORO_T1	0	0	0	0	0	0	-0.8	-0.82	2	2	0	1200	1200	0
6/18/2023 10:18	59101 WALK_T2	0	0	0	0	0	0	1.49	1.49	0	0	0	0	0	0
6/18/2023 11:04	28604 BLYT_T2	0	0	0	0	0	0	-1.25	-1.23	0	0	0	0	0	0
6/18/2023 11:25	20403 ASHF_T2	7	6	-1	0.54	0.77	0.23	0.3	0.35	0	0	0	0	0	0
6/18/2023 11:34	29401 BELT_T1	0	0	0	0	0	0	0	0	1	1	0	900	900	0
6/18/2023 11:42	29401 BELT_T1	0	0	0	0	0	0	0	0	1	1	0	900	900	0
6/18/2023 11:42	20403 ASHF_T2	6	4	-2	0.77	0.83	0.06	0.35	0.32	0	0	0	0	0	0
6/18/2023 12:10	59102 WALK_T2	1	1	0	0.2	0.4	0.2	0	0	0	0	0	0	0	0
6/18/2023 12:17	15001 BLMO_T1	0	1	1	0	0.4	0.4	0	0	0	0	0	0	0	0
6/18/2023 12:17	10805 CHHI_T2	1	1	0	8.5	8.7	0.2	-0.86	-0.81	0	0	0	0	0	0
6/18/2023 12:27	65604 QVIL_T2	1	15	14	0.1	0.25	0.15	0.17	0.18	0	0	0	0	0	0
6/18/2023 12:42	65601 QVIL_T2	1	2	1	0.2	0.35	0.15	0	0	0	0	0	0	0	0
6/18/2023 12:43	29402 BELT_T1	2	4	2	0.75	0.48	-0.27	0	0	0	0	0	0	0	0
6/18/2023 12:54	29402 BELT_T1	4	6	2	0.43	0.52	0.09	0	0	0	0	0	0	0	0
6/18/2023 12:58	47401 PENS_T1	0	0	0	0	0	0	1.13	1.17	0	0	0	0	0	0
6/18/2023 12:59	67502 WEWI_T2	3	4	1	0.3	0.33	0.03	0	0	0	0	0	0	0	0
6/18/2023 13:03	64203 KINZ_T1	0	0	0	0	0	0	0.36	0.41	0	0	0	0	0	0
6/18/2023 13:04	47403 PENS_T1	1	1	0	2	1.9	-0.1	0	0	0	0	0	0	0	0
6/18/2023 13:06	40502 CRES_T2	0	0	0	0	0	0	0.23	0.21	0	0	0	0	0	0
6/18/2023 13:09	29402 BELT_T1	4	38	34	0.4	0.33	-0.07	0	0	0	0	0	0	0	0
6/18/2023 13:14	12701 MACU_T1	0	0	0	0	0	0	-1	-0.95	1	1	0	1200	1200	0
6/18/2023 13:14	28403 HART_T2	1	1	0	7.2	7.4	0.2	-0.45	-0.39	1	1	0	900	900	0
6/18/2023 13:14	66505 SMAN_T2	1	1	0	1.3	1.4	0.1	0.28	0.3	3	3	0	1700	1700	0
6/18/2023 13:21	66502 SMAN_T2	1	1	0	0.4	0.6	0.2	0	0	0	0	0	0	0	0
6/18/2023 13:24	14403 SSLA_T1	0	1	1	0	0	0	1.2	1.17	0	0	0	0	0	0
6/18/2023 13:26	45601 WOOL_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
6/18/2023 13:37	15001 BLMO_T1	1	0	-1	0.2	0	-0.2	0	0	0	0	0	0	0	0
6/18/2023 13:37	66902 SHIL_T2	1	1	0	0.1	0.2	0.1	0	0	0	0	0	0	0	0
6/18/2023 13:45	59102 WALK_T2	1	1	0	0.2	0.2	0	0	0	0	0	0	0	0	0
6/18/2023 13:48	15001 BLMO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
6/18/2023 13:51	40101 HUNT_T2	0	0	0	0	0	0	-0.59	-0.6	0	0	0	0	0	0
6/18/2023 13:56	62604 ENGL_T1	0	0	0	0	0	0	-1.42	-1.41	1	1	0	600	600	0
6/18/2023 13:58	28403 HART_T2	1	1	0	7.6	7.6	0	-0.38	-0.4	1	1	0	900	900	0
6/18/2023 13:59	11104 EGYP_T1	7	8	1	1.41	1.03	-0.38	1.01	1	0	0	0	0	0	0
6/18/2023 14:10	28403 HART_T2	1	1	0	7.6	7.6	0	-0.4	-0.4	1	1	0	900	900	0
6/18/2023 14:12	63403 HONY_T2	0	0	0	0	0	0	-0.36	-0.31	1	1	0	600	600	0
6/18/2023 14:16	46503 LOHA_T1	1	0	-1	0.2	0	-0.2	0	0	0	0	0	0	0	0
6/18/2023 14:18	63402 HONY_T2	1	1	0	0.3	0.2	-0.1	0	0	0	0	0	0	0	0
6/18/2023 14:20	59102 WALK_T2	1	0	-1	0.2	0	-0.2	0	0	0	0	0	0	0	0
6/18/2023 14:23	59102 WALK_T2	1	0	-1	0.2	0	-0.2	0	0	0	0	0	0	0	0
6/18/2023 14:30	42701 AUGU_T1	1	0	-1	0.2	0	-0.2	0	0	2	2	0	1800	1800	0
6/18/2023 14:35	52403 GRPA_T2	3	1	-2	1.13	0	-1.13	0.19	-0.41	0	0	0	0	0	0
6/18/2023 14:37	58803 COCO_T1	1	2	1	1.2	1.2	0	-0.56	-0.53	0	1	1	0	600	600
6/18/2023 14:49	40502 CRES_T2	0	4	4	0	0.18	0.18	-0.61	-0.65	0	0	0	0	0	0
6/18/2023 14:54	64801 MONE_T2	0	0	0	0	0	0	0.59	0.59	0	0	0	0	0	0
6/18/2023 14:57	16302 ALPA_T2	0	0	0	0	0	0	-0.58	-0.56	0	0	0	0	0	0
6/18/2023 15:12	63403 HONY_T2	0	0	0	0	0	0	-0.3	-0.87	1	1	0	600	600	0
6/18/2023 15:17	15001 BLMO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
6/18/2023 15:23	67502 WEWI_T2	0	0	0	0	0	0	-0.88	-0.9	1	1	0	900	900	0
6/18/2023 15:28	11104 EGYP_T1	5	6	1	0.18	0.26	0.08	0.69	0.69	0	0	0	0	0	0
6/18/2023 15:37	67502 WEWI_T2	0	0	0	0	0	0	-0.9	-0.83	1	1	0	900	900	0
6/18/2023 15:40	11104 EGYP_T1	5	6	1	0.26	0.42	0.16	0.69	0.67	0	0	0	0	0	0
6/18/2023 15:42	44502 HAMI_T2	1	1	0	1.8	1.9	0.1	-0.61	-0.6	0	0	0	0	0	0
6/18/2023 15:54	66505 SMAN_T2	1	1	0	1.2	0.2	-1	0.34	0.21	3	3	0	1700	1700	0
6/18/2023 16:09	58803 COCO_T1	2	2	0	1.7	1.75	0.05	-0.81	-0.81	0	0	0	0	0	0
6/18/2023 16:30	42701 AUGU_T1	0	0	0	0	0	0	0	0	2	2	0	1800	1800	0
6/18/2023 16:43	67503 WEWI_T2	0	1	1	0	0	0	0	0	0	0	0	0	0	0
6/18/2023 16:48	11102 EGYP_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
6/18/2023 16:58	28403 HART_T2	1	1	0	7.6	7.3	-0.3	-0.33	-0.34	1	1	0	900	900	0
6/18/2023 16:59	47101 MARL_T1	2	1	-1	0.8	0.2	-0.6	-0.63	-0.63	1	1	0	600	600	0
6/18/2023 17:07	40502 CRES_T2	0	1	1	0	0.1	0.1	-0.54	-0.56	0	0	0	0	0	0
6/18/2023 17:07	65604 QVIL_T2	1	0	-1	0.1	0	-0.1	0.3	0.29	0	0	0	0	0	0
6/18/2023 17:24	40502 CRES_T2	0	1	1	0	0.1	0.1	-0.56	-0.58	0	0	0	0	0	0
6/18/2023 17:30	29401 BELT_T1	0	0	0	0	0	0	0	0	1	1	0	900	900	0
6/18/2023 17:34	40502 CRES_T2	1	1	0	0.1	0	-0.1	-0.58	-0.54	0	0	0	0	0	0
6/18/2023 17:42	40502 CRES_T2	1	1	0	0.1	0	-0.1	-0.58	-0.54	0	0	0	0	0	0
6/18/2023 17:42	29401 BELT_T1	0	0	0	0	0	0	0	0	1	1	0	900	900	0
6/18/2023 17:43	40101 HUNT_T2	0	0	0	0	0	0	-0.5	-0.49	0	0	0	0	0	0
6/18/2023 18:00	59101 WALK_T2	0	0	0	0	0	0	1.43	1.46	1	1	0	450	450	0
6/18/2023 19:09	58803 COCO_T1	2	2	0	1.65	1.9	0.25	-0.82	-0.82	0	0	0	0	0	0
6/18/2023 19:18	42701 AUGU_T1	0	0	0	0	0	0	0	0	2	2	0	1800	1800	0
6/18/2023 20:10	44801 EDAN_T2	1	1	0	1.3	0.9	-0.4	0	0	0	0	0	0	0	0
6/18/2023 20:13	40101 HUNT_T2	0	0	0	0	0	0	-0.49	-0.57	0	0	0	0	0	0
6/18/2023 20:14	12701 MACU_T1	0	0	0	0	0	0	-0.97	-0.99	1	1	0	1200	1200	0
6/18/2023 20:22	47401 PENS_T1	0	0	0	0	0	0	1.11	1.13	0	0	0	0	0	0
6/18/2023 20:22	29402 BELT_T1	0	19	19	0	0.18	0.18	0	0	0	0	0	0	0	0
6/18/2023 20:24	59101 WALK_T2	0	0	0	0	0	0	1.32	1.25	1	1	0	450	450	0
6/18/2023 20:30	44801 EDAN_T2	1	1	0	0.9	0.9	0	0	0	0	0	0	0	0	0
6/18/2023 20:30	29402 BELT_T1	11	37	26	0.17	0.27	0.1	0	0	0	0	0	0	0	0
6/18/2023 20:30	45601 WOOL_T1	1	1	0	0	0	0	0	0	0	0	0	0	0	0
6/18/2023 20:37	67503 WEWI_T2	0	0	0	0	0	0	0.14	0.12	0	0	0	0	0	0
6/18/2023 20:48	29401 BELT_T1	0	5	5	0	0.12	0.12	0	0	0	0	0	0	0	0
6/18/2023 20:53	28403 HART_T2	1	1	0	6.7	6.6	-0.1	-0.44	-0.48	1	1	0	900	900	0
6/18/2023 20:56	66505 SMAN_T2	0	0	0	0	0	0	0.31	0.29	2	2	0	1500	1500	0
6/18/2023 21:13	10805 CHHI_T2	1	1	0	7.9	7.6	-0.3	-1.29	-1.34	1	1	0	600	600	0
6/18/2023 21:30	15001 BLMO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
6/18/2023 21:30	67502 WEWI_T2	0	0	0	0	0	0	-1.24	-1.11	1	1	0	900	900	0
6/18/2023 23:24	28604 BLYT_T2	0	0	0	0	0	0	-1.36	-1.36	0	0	0	0	0	0
6/18/2023 23:26	40101 HUNT_T2	0	0	0	0	0	0	-0.58	-0.59	0	0	0	0	0	0
6/18/2023 23:29	40502 CRES_T2	15	16	1	0.22	0.26	0.04	-0.35	-0.38	0	0	0	0	0	0
6/18/2023 23:40	40502 CRES_T2	16	18	2	0.26	0.24	-0.02	-0.38	-0.39	0	0	0	0	0	0
6/19/2023 0:28	47401 PENS_T1	6	12	6	0.1	0.11	0.01	0.75	0.72	0	0	0	0	0	0
6/19/2023 0:28	42701 AUGU_T1	1	1	0	0.7	1	0.3	0	0	2	2	0	1800	1800	0
6/19/2023 0:28	66903 SHIL_T2	0	1	1	0	0.1	0.1	0	0	0	0	0	0	0	0
6/19/2023 0:28	63403 HONY_T2	0	0	0	0	0	0	-0.36	-0.39	1	1	0	600	600	0
6/19/2023 0:28	47101 MARL_T1	0	0	0	0	0	0	-0.29	-0.32	0	0	0	0	0	0
6/19/2023 0:28	64204 KINZ_T1	26	32	6	0.14	0.15	0.01	0	0	0	0	0	0	0	0
6/19/2023 0:28	52402 GRPA_T2	1	1	0	0.2	0.6	0.4	0	0	0	0	0	0	0	0
6/19/2023 0:28	58803 COCO_T1	2	2	0	1.5	1.65	0.15	-0.13	-0.18	0	0	0	0	0	0
6/19/2023 0:28	66505 SMAN_T2	3	3	0	0.27	0.53	0.26	0.14	0.01	1	1	0	900	900	0
6/19/2023 0:28	40502 CRES_T2	11	20	9	0.2	0.27	0.07	-0.88	-0.9	0	0	0	0	0	0
6/19/2023 0:28	10805 CHHI_T2	1	1	0	7.6	7.5	-0.1	-1.16	-1.17	1	1	0	600	600	0
6/19/2023 0:28	59101 WALK_T2	0	0	0	0	0	0	1.21	1.28	0	0	0	0	0	0
6/19/2023 0:28	40101 HUNT_T2	0	1	1	0	0.1	0.1	-0.65	-0.62	0	0	0	0	0	0
6/19/2023 0:28	15001 BLMO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
6/19/2023 0:28	14403 SSLA_T1	0	0	0	0	0	0	0.71	0.67	0	0	0	0	0	0
6/19/2023 0:29	11104 EGYP_T1	0	0	0	0	0	0	0.53	0.48	0	0	0	0	0	0
6/19/2023 0:31	65604 QVIL_T2	11	16	5	0.18	0.19	0.01	-0.05	-0.08	0	0	0	0	0	0
6/19/2023 0:39	10805 CHHI_T2	1	1	0	7.5	7.5	0	-1.17	-1.2	1	1	0	600	600	0
6/19/2023 0:44	65604 QVIL_T2	11	16	5	0.18	0.19	0.01	-0.08	-0.06	0	0	0	0	0	0
6/19/2023 0:51	65602 QVIL_T2	0	1	1	0	0.1	0.1	0	0	0	0	0	0	0	0
6/19/2023 1:06	10602 BLGL_T2	1	1	0	9.6	9.8	0.2	0.15	0.18	0	0	0	0	0	0
6/19/2023 1:08	10602 BLGL_T2	1	1	0	9.6	9.8	0.2	0.15	0.18	0	0	0	0	0	0
6/19/2023 1:16	66505 SMAN_T2	3	3	0	0.53	0.57	0.04	0	-0.02	1	1	0	900	900	0
6/19/2023 1:22	58803 COCO_T1	2	2	0	1.75	2	0.25	-0.25	-0.25	0	0	0	0	0	0
6/19/2023 1:23	58803 COCO_T1	2	2	0	1.75	2	0.25	-0.25	-0.25	0	0	0	0	0	0
6/19/2023 1:24	58803 COCO

Appendix C - Grid Benefits Achieved in Each Instance of Active Management

6/19/2023 4:02	64801 MONE_T2	0	0	0	0	0	0	0.28	0.28	0	0	0	0	0	0
6/19/2023 4:08	40502 CRES_T2	0	0	0	0	0	0	0.4	0.4	0	0	0	0	0	0
6/19/2023 4:12	44801 EDAN_T2	0	1	1	0	0.2	0.2	0	0	0	0	0	0	0	0
6/19/2023 4:20	40502 CRES_T2	0	0	0	0	0	0	0.4	0.39	0	0	0	0	0	0
6/19/2023 4:24	40502 CRES_T2	0	0	0	0	0	0	0.4	0.39	0	0	0	0	0	0
6/19/2023 4:29	40502 CRES_T2	0	0	0	0	0	0	0.4	0.39	0	0	0	0	0	0
6/19/2023 4:45	28403 HART_T2	1	1	0	7.1	7.1	0	-0.71	-0.7	1	1	0	900	900	0
6/19/2023 5:03	40101 HUNT_T2	2	1	-1	0.45	0.2	-0.25	-0.63	-0.64	0	0	0	0	0	0
6/19/2023 5:14	11104 EGYP_T1	0	0	0	0	0	0	0.39	0.36	0	0	0	0	0	0
6/19/2023 5:17	58803 COCO_T1	2	2	0	1.55	1.55	0	-0.35	-0.36	0	0	0	0	0	0
6/19/2023 5:23	46503 LOHA_T1	1	0	-1	0.1	0	-0.1	0	0	0	0	0	0	0	0
6/19/2023 6:04	16302 ALPA_T2	0	0	0	0	0	0	0.55	0.58	0	0	0	0	0	0
6/19/2023 10:00	62604 ENGL_T1	0	0	0	0	0	0	-1.31	-1.25	1	1	0	600	600	0
6/19/2023 10:00	66901 SHIL_T2	1	2	1	0.1	0.2	0.1	-0.59	-0.48	1	1	0	1200	1200	0
6/19/2023 10:00	58803 COCO_T1	2	2	0	1.85	1.75	-0.1	0.3	0.3	0	0	0	0	0	0
6/19/2023 10:00	64201 KINZ_T1	0	0	0	0	0	0	0.08	-0.38	4	4	0	2100	2100	0
6/19/2023 10:00	67502 WEWI_T2	0	0	0	0	0	0	0.09	0.13	0	0	0	0	0	0
6/19/2023 10:00	14404 SSLA_T1	0	1	1	0	2.9	2.9	0	0	0	0	0	0	0	0
6/19/2023 10:00	11102 EGYP_T1	1	0	-1	0.2	0	-0.2	0	0	0	0	0	0	0	0
6/19/2023 10:00	44802 EDAN_T2	0	0	0	0	0	0	-1.54	-1.47	1	1	0	1200	1200	0
6/19/2023 10:00	64802 MONE_T2	0	1	1	0	0.1	0.1	0	0	0	0	0	0	0	0
6/19/2023 10:00	64203 KINZ_T1	1	0	-1	0.2	0	-0.2	-0.1	-0.32	3	3	0	2100	2100	0
6/19/2023 10:00	67502 WEWI_T2	0	0	0	0	0	0	0.09	0.13	0	0	0	0	0	0
6/19/2023 10:00	56601 HAMP_T1	0	0	0	0	0	0	0.06	0.04	0	0	0	0	0	0
6/19/2023 10:00	45601 WOOL_T1	1	1	0	0	0	0	0	0	0	0	0	0	0	0
6/19/2023 10:00	41801 GOCI_T2	1	3	2	0.4	0.4	0	0	0	0	0	0	0	0	0
6/19/2023 10:00	65604 QVIL_T2	0	0	0	0	0	0	0.33	0.34	0	0	0	0	0	0
6/19/2023 10:00	29402 BELT_T1	2	1	-1	0.3	0.6	0.3	0	0	0	0	0	0	0	0
6/19/2023 10:00	67604 WARW_T1	0	0	0	0	0	0	0.13	0.2	0	0	0	0	0	0
6/19/2023 10:00	47401 PENS_T1	0	0	0	0	0	0	2.32	2.58	0	0	0	0	0	0
6/19/2023 10:00	46506 LOHA_T1	0	1	1	0	0.4	0.4	-0.45	-0.42	0	0	0	0	0	0
6/19/2023 10:00	52503 PROG_T2	0	0	0	0	0	0	-0.46	-0.4	1	1	0	900	900	0
6/19/2023 10:00	10805 CHHI_T2	1	1	0	8.5	8.7	0.2	-1.32	-1.22	2	2	0	1800	1800	0
6/19/2023 10:00	40502 CRES_T2	0	0	0	0	0	0	1.5	1.74	0	0	0	0	0	0
6/19/2023 10:00	16302 ALPA_T2	0	0	0	0	0	0	0.83	0.86	0	0	0	0	0	0
6/19/2023 10:00	42701 AUGU_T1	0	0	0	0	0	0	0	0	2	2	0	1800	1800	0
6/19/2023 10:00	28403 HART_T2	1	1	0	8.2	7.9	-0.3	-1.22	-1.18	2	2	0	1800	1800	0
6/19/2023 10:00	28604 BLYT_T2	0	1	1	0	5.3	5.3	-1.26	-1.23	0	0	0	0	0	0
6/19/2023 10:00	12604 MACA_T1	0	0	0	0	0	0	0.5	0.52	0	0	0	0	0	0
6/19/2023 10:00	10602 BLGI_T2	1	2	1	9.8	9.8	0	1.3	1.37	0	0	0	0	0	0
6/19/2023 10:00	63402 HONY_T2	1	1	0	0.4	0.2	-0.2	0	0	0	0	0	0	0	0
6/19/2023 10:00	15001 BLMO_T1	1	1	0	0.1	0.2	0.1	0	0	0	0	0	0	0	0
6/19/2023 10:00	58402 MORO_T1	0	0	0	0	0	0	-2.15	-2.21	4	4	0	2700	2700	0
6/19/2023 10:00	29401 BELT_T1	5	2	-3	0.16	0.15	-0.01	0	0	1	1	0	900	900	0
6/19/2023 10:00	44502 HAMI_T2	1	1	0	1.8	1.7	-0.1	-0.67	-0.62	0	0	0	0	0	0
6/19/2023 10:00	20403 ASHF_T2	0	3	3	0	0.17	0.17	1.62	1.68	0	0	0	0	0	0
6/19/2023 10:00	12701 MACU_T1	0	0	0	0	0	0	0.15	0.17	0	0	0	0	0	0
6/19/2023 10:00	40101 HUNT_T2	0	0	0	0	0	0	-0.31	-0.34	0	0	0	0	0	0
6/19/2023 10:00	59101 WALK_T2	0	1	1	0	0.1	0.1	5.76	6	0	0	0	0	0	0
6/19/2023 10:00	66505 SMAN_T2	0	0	0	0	0	0	1.46	1.48	6	6	0	3400	3400	0
6/19/2023 10:28	14403 SSLA_T1	0	0	0	0	0	0	1.06	1.09	0	0	0	0	0	0
6/19/2023 11:04	20403 ASHF_T2	3	3	0	0.23	0.47	0.24	1.69	1.7	0	0	0	0	0	0
6/19/2023 11:08	59101 WALK_T2	1	0	-1	0.4	0	-0.4	2.11	1.88	0	0	0	0	0	0
6/19/2023 11:10	56802 BENV_T2	1	1	0	0.7	0.7	0	-0.41	-0.39	0	0	0	0	0	0
6/19/2023 11:12	61202 REIN_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
6/19/2023 11:41	52502 PROG_T2	0	0	0	0	0	0	-0.3	-0.24	1	1	0	900	900	0
6/19/2023 11:47	56802 BENV_T2	4	2	-2	0.43	0.75	0.32	-1.04	-0.98	0	0	0	0	0	0
6/19/2023 11:53	67503 WEWI_T2	0	2	2	0	0	0	0.12	0.13	0	0	0	0	0	0
6/19/2023 11:55	47401 PENS_T1	5	2	-3	0.38	0.45	0.07	0.32	0.4	0	0	0	0	0	0
6/19/2023 12:00	28604 BLYT_T2	0	0	0	0	0	0	-1.12	-1.11	0	0	0	0	0	0
6/19/2023 12:01	47403 PENS_T1	1	1	0	2.3	2.3	0	0	0	0	0	0	0	0	0
6/19/2023 12:01	52502 PROG_T2	0	0	0	0	0	0	-0.24	-0.22	1	1	0	900	900	0
6/19/2023 12:06	61202 REIN_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
6/19/2023 12:08	61202 REIN_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
6/19/2023 12:08	55101 WERT_T1	0	0	0	0	0	0	-1.62	-1.63	4	4	0	3300	3300	0
6/19/2023 12:11	64203 KINZ_T1	2	1	-1	1.1	0.3	-0.8	-0.19	-0.06	3	3	0	2100	2100	0
6/19/2023 12:20	28403 HART_T2	1	1	0	7.6	6.5	-1.1	-0.45	-0.47	1	1	0	900	900	0
6/19/2023 12:30	16302 ALPA_T2	0	0	0	0	0	0	-0.1	-0.08	0	0	0	0	0	0
6/19/2023 12:31	65604 QVIL_T2	0	0	0	0	0	0	0.35	0.35	0	0	0	0	0	0
6/19/2023 12:46	65604 QVIL_T2	0	0	0	0	0	0	0.35	0.35	0	0	0	0	0	0
6/19/2023 12:47	40101 HUNT_T2	2	2	0	0.25	0.2	-0.05	-0.28	-0.29	0	0	0	0	0	0
6/19/2023 12:47	52404 GRPA_T2	0	0	0	0	0	0	1.04	1.04	0	0	0	0	0	0
6/19/2023 12:51	15001 BLMO_T1	0	1	1	0	0	0	0	0	0	0	0	0	0	0
6/19/2023 12:53	11102 EGYP_T1	4	3	-1	1.2	0.77	-0.43	0	0	0	0	0	0	0	0
6/19/2023 13:39	58803 COCO_T1	1	2	1	1	1.55	0.55	-0.05	-0.04	0	1	1	0	600	600
6/19/2023 13:45	67502 WEWI_T2	0	0	0	0	0	0	-0.55	-0.58	1	0	-1	900	0	-900
6/19/2023 13:50	58803 COCO_T1	2	2	0	1.35	1.55	0.2	-0.04	-0.02	1	1	0	600	600	0
6/19/2023 13:57	66505 SMAN_T2	0	0	0	0	0	0	0.47	0.4	3	3	0	2100	2100	0
6/19/2023 13:59	66901 SHIL_T2	0	0	0	0	0	0	-0.12	-0.13	1	1	0	1200	1200	0
6/19/2023 13:59	58803 COCO_T1	2	2	0	1.35	1.55	0.2	-0.04	-0.02	1	1	0	600	600	0
6/19/2023 14:01	15001 BLMO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
6/19/2023 14:09	15001 BLMO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
6/19/2023 14:12	63402 HONY_T2	1	0	-1	0.2	0	-0.2	0	0	0	0	0	0	0	0
6/19/2023 14:13	52403 GRPA_T2	2	1	-1	0.55	0	-0.55	-0.22	-0.24	0	0	0	0	0	0
6/19/2023 14:18	48302 ORWI_T2	1	1	0	0.4	0.2	-0.2	0.18	0.19	0	0	0	0	0	0
6/19/2023 14:21	15001 BLMO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
6/19/2023 14:25	64101 REFR_T1	202	202	0	1.09	1.11	0.02	-0.01	-0.01	0	0	0	0	0	0
6/19/2023 14:28	42001 MNVL_T2	0	0	0	0	0	0	0.45	0.5	0	0	0	0	0	0
6/19/2023 14:31	60101 COCA_T1	0	0	0	0	0	0	0.97	1	0	0	0	0	0	0
6/19/2023 14:34	64101 REFR_T1	201	205	4	1.11	1.41	0.3	-0.01	-0.01	0	0	0	0	0	0
6/19/2023 14:38	12701 MACU_T1	0	0	0	0	0	0	-0.81	-0.8	1	1	0	1200	1200	0
6/19/2023 14:44	12701 MACU_T1	0	0	0	0	0	0	-0.81	-0.8	1	1	0	1200	1200	0
6/19/2023 14:47	11102 EGYP_T1	4	3	-1	0.75	1.07	0.32	0	0	0	0	0	0	0	0
6/19/2023 14:47	52404 GRPA_T2	0	0	0	0	0	0	1.05	1.1	0	0	0	0	0	0
6/19/2023 14:55	66505 SMAN_T2	0	0	0	0	0	0	0.41	0.33	3	3	0	2100	2100	0
6/19/2023 14:57	41602 CLEV_T1	0	1	1	0	0.4	0.4	0	0	3	3	0	1800	1800	0
6/19/2023 15:12	40502 CRES_T2	15	13	-2	0.25	0.42	0.17	-0.23	-0.24	0	0	0	0	0	0
6/19/2023 15:15	66505 SMAN_T2	0	2	2	0	0.1	0.1	0.33	0.19	4	4	0	2300	2300	0
6/19/2023 15:15	28403 HART_T2	1	1	0	6.7	6.6	-0.1	-0.47	-0.47	1	1	0	900	900	0
6/19/2023 15:19	24101 EHAZ_T1	18	6	-12	0.64	0	-0.64	0.49	0.31	2	2	0	1200	1200	0
6/19/2023 15:22	42201 SHEN_T2	0	0	0	0	0	0	0.44	0.45	1	1	0	600	600	0
6/19/2023 15:28	28403 HART_T2	1	1	0	6.7	6.6	-0.1	-0.47	-0.49	1	1	0	900	900	0
6/19/2023 15:54	55101 WERT_T1	0	0	0	0	0	0	-1.81	-1.86	4	4	0	3300	3300	0
6/19/2023 15:55	28403 HART_T2	1	1	0	6.8	6.2	-0.6	-0.46	-0.48	1	1	0	900	900	0
6/19/2023 15:57	28604 BLYT_T2	0	1	1	0	0	0	-0.98	-0.98	0	0	0	0	0	0
6/19/2023 16:06	55101 WERT_T1	0	0	0	0	0	0	-1.86	-1.76	4	4	0	3300	3300	0
6/19/2023 16:11	65604 QVIL_T2	0	0	0	0	0	0	0.44	0.41	0	0	0	0	0	0
6/19/2023 16:18	41801 GOCI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
6/19/2023 16:22	40902 JESH_T1	0	0	0	0	0	0	-0.62	-0.06	2	2	0	1200	1200	0
6/19/2023 16:55	66505 SMAN_T2	0	0	0	0	0	0	0	-0.04	4	4	0	2300	2300	0
6/19/2023 17:18	55101 WERT_T1	0	0	0	0	0	0	-1.99	-1.99	4	4	0	3300	3300	0
6/19/2023 17:56	51702 OBER_T1	2	2	0	1.95	2.4	0.45	-1.56	-1.5	1	1	0	600	600	0
6/19/2023 18:40	64301 LINC_T1	0	0	0	0	0	0	-0.64	-0.71	1	1	0	600	600	0
6/19/2023 19:26	44801 EDAN_T2	1	1	0	1.4	0.9	-0.5	0	0	0	0	0	0	0	0
6/19/2023 19:33	44801 EDAN_T2	1	1	0	1.1	0.9	-0.2	0	0	0	0	0	0	0	0
6/19/2023 19:33	42201 SHEN_T2	0	0	0	0	0	0	0.25	0.25	1	1	0	600	600	0
6/19/2023 19:39	52402 GRPA_T2	0	1	1	0	0.1	0.1	0	0	0	0	0	0	0	0
6/19/2023 19:41	56801 BENV_T1	18	22	4	0.66	0.88	0.22	0	0	0	0	0	0	0	0
6/19/2023 19:41	64101 REFR_T1	197	193	-4	0.85	0.58	-0.27	-0.01	-0.01	0	0	0	0	0	0
6/19/2023 19:52	27101 GFLD_T2	1	1	0	0	0	0	0	0	1	1	0	600	600	0
6/19/2023 20:00	64301 LINC_T1	0	0	0	0	0	0	-0.12	-0.21	0	0	0	0	0	0
6/19/2023 20:11	45602 WOOL_T1	0	0	0	0	0	0	0.86	0.85	0	0	0	0	0	0
6/19/2023 20:20	11103 EGYP_T1	0	1	1	0	0	0	0	0	0	0	0	0	0	0
6/19/2023 20:44	52404 GRPA_T2	0	1	1	0	0.2	0.2	0.09	0.04	0	0	0	0	0	0
6/19/2023 21:03	20403 ASHF_T2	0	0	0	0	0	0	0.64	0.61	0	0	0	0	0	0
6/19/2023 21:11	67503 WEWI_T2	0	0	0	0	0	0	0.23	0.24	0	0	0	0	0	0
6/19/2023 21:18	66505 SMAN_T2	0	0	0	0	0	0	0.56	0.56	2	2	0	1500	1500	0
6/19/2023 21:26	61202 REIN_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
6/19/2023 21:28	14403 SSLA_T1	0	0	0	0	0	0	1.09	1.01	0	0	0	0	0	0
6/19/2023 21:34	16302 ALPA_T2	0	0	0	0	0	0	-0.41	-0.43	0	0	0	0	0	0
6/19/2023 21:34	28403 HART_T2	1	1	0	6	6.1	0.1	-0.52	-0.53	1	1	0	900	900	0
6/19/2023 21:49	10805 CHHI_T2	1	1	0	8.5	8.4	-0.1	-0.9	-0.86	1	1	0	600	600	0
6/19/2023 21:58	67502 WEWI_T2	0	0	0	0	0	0	-1.02	-0.95	1	1	0	900	900	0
6/19/2023 22:07	15001 BLMO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
6/19/2023 23:30	28604 BLYT_T2	0	0	0	0	0	0	-1.22	-1.23	0	0	0	0	0	0
6/19/2023 23:34	41801 GOCI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
6/19/2023 23:49	65604 QVIL_T2	0	3	3	0	0.13	0.13	0.01	0.01	0	0	0	0	0	0
6/19/2023 23:59	52502 PROG_T2	0	0	0	0	0	0	-0.39	-0.5	1	1	0	900	900	0
6/20/2023 0:09	56802 BENV_T2	1	1	0	1.1	0.4	-0.7	-1.2	-1.2	0	0	0	0	0	0
6/20/2023 0:28	66505 SMAN_T2	0	0	0	0	0	0	1.12	0.98	2	2	0	1800	1800	0
6/20/2023 0:28	67502 WEWI_T2	0	0	0	0	0	0	-1.39	-1.38	1	1	0	900	900	0
6/20/2023 0:28	14403 SSLA_T1	0	0	0	0	0	0	0.7	0.64	0	0	0	0	0	0
6/20/2023 0:28	58803 COCO_T1	2	2	0	3.85	3.55	-0.3	-2.19	-2.19	0	0	0	0	0	0
6/20/2023 0:28	15001 BLMO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
6/20/2023 0:28	40902 JESH_T1	0	0	0	0	0	0	-0.32	-0.33	1	1	0	600	600	0
6/20/2023 0:28	67503 WEWI_T2	0	0	0	0	0	0	-0.12	-0.12	0	0	0	0	0	0
6/20/2023 0:28	28601 BLYT_T2	1	1	0	1	0.5	-0.5	0	0	0	0	0	0	0	0
6/20/2023 0:28	63403 HONY_T2	0	0	0	0	0	0	-0.23	-0.29	1	1	0	600	600	0
6/20/2023 0:28	66901 SHIL_T2	0	0	0	0	0	0	-0.86	-0.9	1	1	0	1200	1200	0
6/20/2023 0:28	55101 WERT_T1	0	0	0	0	0	0	-2.99	-4.19	6	6	0	4800	4800	0
6/20/2023 0:28	24101 EHAZ_T1	0	0	0	0	0	0	0.26	0.25	1	1	0	600	600	0
6/20/2023 0:28	52403 GRPA_T2	0	0	0	0	0	0	0.1	0.03	0	0	0	0	0	0
6/20/2023 0:28	56802 BENV_T2	1	1	0	0.4	0.4	0	-1.2	-1.23	0	0	0	0	0	0
6/20/2023 0:28	28403 HART_T2	1	1	0	6.6	7.4	0.8	-0.68	-0.68	1	1	0	900	900	0
6/20/2023 0:28	16302 ALPA_T2	0	0	0	0	0	0	0.69	0.73	0	0	0	0	0	0
6/20/2023 0:28	42201 SHEN_T2	0	0	0	0	0	0	0.11	0.12	1	1	0	600	600	0
6/20/2023 0:28	61202 REIN_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
6/20/2023 0:28	52502 PROG_T2	0	0	0	0	0	0	-0.52	-0.51	1	1	0	900	900	0
6/20/2023 0:32	52401 GRPA_T2	1	1	0	0.3	0.9	0.6	0	0	0	0	0	0	0	0
6/20/2023 0:33	64101 REFR_T1	0	0	0	0	0	0	-0.01	-0.01	0	0	0	0	0	0
6/20/2023 0:35	64301 LINC_T1	0	0	0	0	0	0	-0.25	-0.17	1	1	0	600	600	0
6/20/2023 0:37	64101 REFR_T1	0	0	0	0	0	0	-0.01	-0.01	0	0	0	0	0	0
6/20/2023 0:37	48302 ORWI_T2	2	2	0	0.85	0.9	0.05	-0.25	-0.25	0	0	0	0	0	0
6/20/2023 0:38	66505 SMAN_T2	0	0	0	0	0	0	0.49	0.5	1	1	0	900	900	0
6/20/2023 0:38	59101 WALK_T2	0	0	0	0	0	0	1.27	1.29	0	0	0	0	0	0
6/20/2023 0:46	42002 MNVL_T2	1	1	0	3.6	3.4	-0.2	0	0	0	0	0	0	0	0
6/20/2023 0:51	64301 LINC_T1	0	0	0	0	0	0	-0.17	-0.22	1	1	0	600	600	0
6/20/2023 1:06	56802 BENV_T2	1	1	0	0.1	0.2	0.1	-1.29	-1.25	0	0	0	0	0	0
6/20/2023 1:09	56802 BENV_T2	1	1	0	0.1	0.2	0.1	-1.29	-1.25	0	0	0	0	0	0
6/20/2023 1:14	47403 PENS_T1	1	1	0	2.3	2.2	-0.1	0	0	0	0	0	0	0	0
6/20/2023 1:20	55101 WERT_T1	0	0	0	0	0	0	-2.18	-1.29	3	2	-1	2400	1500	-900
6/20/2023 1:22	47401 PENS_T1	0	0	0	0	0	0	0.95	0.86	0	0	0	0	0	0
6/20/2023 1:22	14402 SSLA_T1	0	1	1	0	0	0	0	0	0	0	0	0	0	0
6/20/2023 1:27	55101 WERT_T1	0	0	0	0	0	0	-2.18	-1.29	3	2	-1	2400	1500	-900
6/20/2023 1:27	42201 SHEN_T2	0	0	0	0	0	0	0.1	0.12	1	1	0	600	600	0
6/20/2023 1:29	64101 REFR_T1	0	0	0	0	0	0	-0.01	-0.01	0	0	0	0	0	0
6/20/2023 1:30	64202 KINZ_T1	3	3	0	1.17	0.73	-0.44	0	0	0	0	0	0	0	0
6/20/2023 1:31	42201 SHEN_T2	0	0	0	0	0	0	0.1	0.12	1	1	0	600	600	0
6/20/2023 1:36	56803 BENV_T1	0	0	0	0	0	0	0.17	0.2	0	0

6/20/2023 3:16	56803 BENV_T1	0	0	0	0	0	0	0.23	0.2	0	0	0	0	0	0
6/20/2023 3:20	55101 WERT_T1	0	0	0	0	0	0	-1.31	-1.28	2	2	0	1500	1500	0
6/20/2023 3:20	52502 PROG_T2	0	0	0	0	0	0	-0.62	-0.65	1	1	0	900	900	0
6/20/2023 3:20	47403 PENS_T1	1	1	0	2.3	2.6	0.3	0	0	0	0	0	0	0	0
6/20/2023 3:21	28602 BLYT_T2	0	1	1	0	0.3	0.3	0	0	0	0	0	0	0	0
6/20/2023 3:23	61202 REIN_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
6/20/2023 3:26	55101 WERT_T1	0	0	0	0	0	0	-1.31	-1.28	2	2	0	1500	1500	0
6/20/2023 3:26	61202 REIN_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
6/20/2023 3:27	27101 GFLD_T2	1	1	0	0	0	0	0	0	0	0	0	0	0	0
6/20/2023 3:30	64202 KINZ_T1	2	3	1	0.25	0.23	-0.02	0	0	0	0	0	0	0	0
6/20/2023 3:32	11104 EGYP_T1	0	0	0	0	0	0	0.44	0.4	0	0	0	0	0	0
6/20/2023 3:33	11104 EGYP_T1	0	0	0	0	0	0	0.44	0.4	0	0	0	0	0	0
6/20/2023 3:34	16302 ALPA_T2	0	0	0	0	0	0	0.56	0.65	0	0	0	0	0	0
6/20/2023 3:35	64305 LINC_T1	1	2	1	0.1	0.25	0.15	0	0	0	0	0	0	0	0
6/20/2023 3:36	16302 ALPA_T2	0	0	0	0	0	0	0.56	0.65	0	0	0	0	0	0
6/20/2023 3:38	67502 WEWI_T2	0	0	0	0	0	0	-1.5	-1.43	1	1	0	900	900	0
6/20/2023 3:44	11104 EGYP_T1	0	0	0	0	0	0	0.4	0.42	0	0	0	0	0	0
6/20/2023 3:46	45601 WOOL_T1	1	2	1	0	0	0	0	0	0	0	0	0	0	0
6/20/2023 3:51	67502 WEWI_T2	0	0	0	0	0	0	-1.43	-1.41	1	1	0	900	900	0
6/20/2023 3:53	11104 EGYP_T1	0	0	0	0	0	0	0.42	0.44	0	0	0	0	0	0
6/20/2023 3:54	16302 ALPA_T2	0	0	0	0	0	0	0.65	0.58	0	0	0	0	0	0
6/20/2023 4:06	40101 HUNT_T2	1	1	0	0.2	0.5	0.3	-0.55	-0.6	0	0	0	0	0	0
6/20/2023 4:12	11104 EGYP_T1	0	0	0	0	0	0	0.44	0.43	0	0	0	0	0	0
6/20/2023 4:58	67502 WEWI_T2	0	0	0	0	0	0	-1.38	-1.35	1	1	0	900	900	0
6/20/2023 5:54	52404 GRPA_T2	0	0	0	0	0	0	0.79	0.42	0	0	0	0	0	0
6/20/2023 6:04	11104 EGYP_T1	0	0	0	0	0	0	0.59	0.48	0	0	0	0	0	0
6/20/2023 6:12	44801 EDAN_T2	0	1	1	0	0	0	0	0	0	0	0	0	0	0
6/20/2023 6:23	44801 EDAN_T2	0	1	1	0	0.1	0.1	0	0	0	0	0	0	0	0
6/20/2023 10:00	52404 GRPA_T2	0	0	0	0	0	0	1.58	1.59	0	0	0	0	0	0
6/20/2023 10:00	45602 WOOL_T1	1	1	0	0.1	0.2	0.1	0.63	0.65	0	0	0	0	0	0
6/20/2023 10:00	47401 PENS_T1	0	0	0	0	0	0	2.8	2.91	0	0	0	0	0	0
6/20/2023 10:00	52502 PROG_T2	0	0	0	0	0	0	-0.53	-0.55	1	1	0	900	900	0
6/20/2023 10:00	10805 CHHI_T2	1	1	0	8.1	8.2	0.1	-1.17	-1.15	2	2	0	1800	1800	0
6/20/2023 10:00	28604 BLYT_T2	0	0	0	0	0	0	-2.48	-2.44	0	0	0	0	0	0
6/20/2023 10:00	24105 EHAZ_T1	4	4	0	6.4	6.68	0.28	0	0	0	0	0	0	0	0
6/20/2023 10:00	61202 REIN_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
6/20/2023 10:00	52403 GRPA_T2	0	0	0	0	0	0	0.3	0.32	0	0	0	0	0	0
6/20/2023 10:00	63403 HONY_T2	0	0	0	0	0	0	-0.09	-0.1	1	1	0	600	600	0
6/20/2023 10:00	56802 BENV_T2	2	1	0	0.85	0.9	0.05	-1.04	-1.08	0	0	0	0	0	0
6/20/2023 10:00	64202 KINZ_T1	0	2	2	0	0	0	0	0	0	0	0	0	0	0
6/20/2023 10:00	67503 WEWI_T2	0	0	0	0	0	0	-0.03	-0.01	0	0	0	0	0	0
6/20/2023 10:00	67503 WEWI_T2	0	0	0	0	0	0	-0.03	-0.01	0	0	0	0	0	0
6/20/2023 10:00	64801 MONE_T2	0	0	0	0	0	0	0.77	0.79	0	0	0	0	0	0
6/20/2023 10:00	28403 HART_T2	1	1	0	7.1	7.3	0.2	-1.24	-1.28	2	2	0	1800	1800	0
6/20/2023 10:00	44801 EDAN_T2	2	2	0	0.5	1.2	0.7	0	0	0	0	0	0	0	0
6/20/2023 10:00	27101 GFLD_T2	1	1	0	0	0	0	0	0	1	1	0	600	600	0
6/20/2023 10:00	65604 QVIL_T2	0	0	0	0	0	0	0.34	0.36	0	0	0	0	0	0
6/20/2023 10:00	64301 LINC_T1	0	0	0	0	0	0	0.39	0.31	1	1	0	600	600	0
6/20/2023 10:00	56803 BENV_T1	0	1	1	0	1.5	1.5	0.43	0.46	0	0	0	0	0	0
6/20/2023 10:00	15001 BLMO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
6/20/2023 10:00	46503 LOHA_T1	1	0	-1	0.1	0	-0.1	0	0	0	0	0	0	0	0
6/20/2023 10:00	58803 COCO_T1	2	2	0	2.4	2.55	0.15	-0.8	-0.68	0	0	0	0	0	0
6/20/2023 10:00	40901 IESH_T1	1	1	0	0.8	1.2	0.4	0	0	0	0	0	0	0	0
6/20/2023 10:00	67604 WARW_T1	0	0	0	0	0	0	0.2	0.28	0	0	0	0	0	0
6/20/2023 10:00	11104 EGYP_T1	0	0	0	0	0	0	0.76	0.77	0	0	0	0	0	0
6/20/2023 10:00	64101 REPB_T1	0	0	0	0	0	0	-0.02	-0.02	0	0	0	0	0	0
6/20/2023 10:00	55101 WERT_T1	0	0	0	0	0	0	-5.87	-6.02	12	12	0	9900	9900	0
6/20/2023 10:00	12604 MACA_T1	0	0	0	0	0	0	0.46	0.52	0	0	0	0	0	0
6/20/2023 10:00	42001 MNVL_T2	0	0	0	0	0	0	0.26	0.27	0	0	0	0	0	0
6/20/2023 10:00	29401 BELT_T1	10	20	10	0.14	0.13	-0.01	0	0	0	0	0	0	0	0
6/20/2023 10:00	52503 PROG_T2	0	0	0	0	0	0	-0.53	-0.51	1	1	0	900	900	0
6/20/2023 10:00	10602 BLGL_T2	1	1	0	8.6	8.9	0.3	1.64	1.52	0	0	0	0	0	0
6/20/2023 10:00	40101 HUNT_T2	0	1	1	0	0.5	0	-0.08	-0.11	0	0	0	0	0	0
6/20/2023 10:00	60101 COCA_T1	0	0	0	0	0	0	0.5	0.56	0	0	0	0	0	0
6/20/2023 10:00	41801 GOCI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
6/20/2023 10:00	59101 WALK_T2	0	0	0	0	0	0	3.86	3.93	0	0	0	0	0	0
6/20/2023 10:00	48302 ORWI_T2	2	2	0	1.8	1.65	-0.15	-0.05	-0.02	0	0	0	0	0	0
6/20/2023 10:00	11102 EGYP_T1	0	0	0	0	0	0	0.68	0.65	0	0	0	0	0	0
6/20/2023 10:00	66505 SMAN_T2	0	0	0	0	0	0	0.75	0.66	4	4	0	3000	3000	0
6/20/2023 10:00	64201 KINZ_T1	0	22	22	0	0	0	-0.18	-0.17	3	1	-2	1500	300	-1200
6/20/2023 10:00	14403 SSLA_T1	0	0	0	0	0	0	0.98	0.94	0	0	0	0	0	0
6/20/2023 10:00	58402 MORO_T1	0	0	0	0	0	0	-1.73	-1.67	3	3	0	2400	2400	0
6/20/2023 10:00	42201 SHEN_T2	0	0	0	0	0	0	0.52	0.5	2	2	0	1200	1200	0
6/20/2023 10:00	16302 ALPA_T2	0	0	0	0	0	0	0.9	0.86	0	0	0	0	0	0
6/20/2023 10:00	51702 OBER_T1	2	2	0	2.4	2.45	0.05	-1.01	-1.04	1	1	0	600	600	0
6/20/2023 10:00	20403 ASHF_T2	0	0	0	0	0	0	1.41	1.6	0	0	0	0	0	0
6/20/2023 10:00	41602 CLEV_T1	0	0	0	0	0	0	0	0	3	3	0	1800	1800	0
6/20/2023 10:00	12701 MACU_T1	0	0	0	0	0	0	0.14	0.15	0	0	0	0	0	0
6/20/2023 10:00	40502 CRES_T2	0	0	0	0	0	0	-0.11	-0.11	0	0	0	0	0	0
6/20/2023 10:04	11104 EGYP_T1	0	0	0	0	0	0	0.77	0.79	0	0	0	0	0	0
6/20/2023 10:06	15001 BLMO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
6/20/2023 10:11	44502 HAMI_T2	1	1	0	1.8	1.7	-0.1	-0.57	-0.48	0	0	0	0	0	0
6/20/2023 10:20	55101 WERT_T1	0	0	0	0	0	0	-2.02	-2.01	4	4	0	3300	3300	0
6/20/2023 11:24	28601 BLYT_T2	1	1	0	1.6	2.1	0.5	0	0	0	0	0	0	0	0
6/20/2023 11:37	28601 BLYT_T2	1	1	0	2.3	1.7	-0.6	0	0	0	0	0	0	0	0
6/20/2023 11:43	41602 CLEV_T1	0	0	0	0	0	0	0	0	3	3	0	1800	1800	0
6/20/2023 11:43	65604 QVIL_T2	0	0	0	0	0	0	0.39	0.38	0	0	0	0	0	0
6/20/2023 11:44	61202 REIN_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
6/20/2023 11:44	20403 ASHF_T2	0	1	1	0	0.2	0.2	1.6	1.58	0	0	0	0	0	0
6/20/2023 11:44	10805 CHHI_T2	1	1	0	8.8	8	-0.8	-1.14	-1.18	2	2	0	1800	1800	0
6/20/2023 11:44	28601 BLYT_T2	1	1	0	2.3	1.7	-0.6	0	0	0	0	0	0	0	0
6/20/2023 11:44	59102 WALK_T2	0	1	1	0	0.2	0.2	0	0	0	0	0	0	0	0
6/20/2023 11:44	16302 ALPA_T2	0	0	0	0	0	0	-0.22	-0.32	0	0	0	0	0	0
6/20/2023 11:45	13704 SCHN_T2	0	1	-1	0.1	0	-0.1	0.09	0.14	0	0	0	0	0	0
6/20/2023 11:46	15001 BLMO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
6/20/2023 11:47	60502 NMAN_T2	0	0	0	0	0	0	0.15	0.25	0	0	0	0	0	0
6/20/2023 11:47	64203 KINZ_T1	0	0	0	0	0	0	-0.14	-0.15	3	3	0	2100	2100	0
6/20/2023 11:48	29401 BELT_T1	0	0	0	0	0	0	0	0	1	1	0	900	900	0
6/20/2023 11:49	47802 MOCA_T2	1	2	1	0.4	0.75	0.35	-0.69	-0.75	0	0	0	0	0	0
6/20/2023 11:49	28403 HART_T2	1	2	1	7.8	7.9	0.1	-0.51	-0.55	1	1	0	900	900	0
6/20/2023 12:25	12701 MACU_T1	0	1	1	0	0	0	0.21	0.21	0	0	0	0	0	0
6/20/2023 13:31	64201 KINZ_T1	0	0	0	0	0	0	-0.4	-0.35	4	4	0	2100	2100	0
6/20/2023 14:01	67204 TEHI_T2	0	0	0	0	0	0	0.21	0.2	0	0	0	0	0	0
6/20/2023 14:05	59102 WALK_T2	1	1	0	0.5	0.2	-0.3	0	0	0	0	0	0	0	0
6/20/2023 14:06	59102 WALK_T2	1	1	0	0.5	0.2	-0.3	0	0	0	0	0	0	0	0
6/20/2023 14:11	58803 COCO_T1	1	2	1	1.9	1.6	-0.3	-0.52	-0.42	1	1	0	600	600	0
6/20/2023 14:20	59101 WALK_T2	0	0	0	0	0	0	1.84	1.85	0	0	0	0	0	0
6/20/2023 14:31	52404 GRPA_T2	0	0	0	0	0	0	0.95	0.9	0	0	0	0	0	0
6/20/2023 14:36	59202 THOM_T1	1	0	-1	0.1	0	-0.1	0	0	0	0	0	0	0	0
6/20/2023 14:39	59101 WALK_T2	0	0	0	0	0	0	1.85	1.59	0	0	0	0	0	0
6/20/2023 14:39	56802 BENV_T2	1	1	0	0.5	0.6	0.1	-1.02	-0.99	0	0	0	0	0	0
6/20/2023 14:41	59101 WALK_T2	0	0	0	0	0	0	1.85	1.59	0	0	0	0	0	0
6/20/2023 14:43	53501 EVIL_T2	4	4	0	0.15	0.58	0.43	-1.48	-1.47	3	3	0	2100	2100	0
6/20/2023 14:45	52401 GRPA_T2	0	1	1	0	0.6	0.6	0	0	0	0	0	0	0	0
6/20/2023 15:15	61202 REIN_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
6/20/2023 15:17	40502 CRES_T2	0	0	0	0	0	0	-0.33	-0.38	0	0	0	0	0	0
6/20/2023 15:17	63401 HONY_T1	0	0	0	0	0	0	0.61	0.61	1	1	0	600	600	0
6/20/2023 15:17	53501 EVIL_T2	0	0	0	0	0	0	-1.5	-1.39	3	3	0	2100	2100	0
6/20/2023 15:29	61202 REIN_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
6/20/2023 15:33	29402 BELT_T1	34	34	0	0.31	0.29	-0.02	0	0	0	0	0	0	0	0
6/20/2023 17:13	67204 TEHI_T2	0	0	0	0	0	0	0.37	0.41	0	0	0	0	0	0
6/20/2023 17:25	29401 BELT_T1	1	6	5	0.1	0.15	0.05	0	0	1	1	0	900	900	0
6/20/2023 17:29	20403 ASHF_T2	0	0	0	0	0	0	0.7	0.62	0	0	0	0	0	0
6/20/2023 17:43	20403 ASHF_T2	0	0	0	0	0	0	0.62	0.6	0	0	0	0	0	0
6/20/2023 17:53	52403 GRPA_T2	1	3	2	0.1	0.2	0.1	0	0	0	0	0	0	0	0
6/20/2023 17:55	61202 REIN_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
6/20/2023 18:00	66703 STRA_T1	1	1	0	0.2	0	-0.2	0.27	0.27	0	0	0	0	0	0
6/20/2023 18:00	64301 LINC_T1	0	0	0	0	0	0	0.25	0.28	1	1	0	600	600	0
6/20/2023 19:14	56803 BENV_T1	3	1	-2	1.03	0	-1.03	0.63	0.53	0	0	0	0	0	0
6/20/2023 19:21	43202 MVIL_T2	0	0	0	0	0	0	-0.6	-0.61	0	0	0	0	0	0
6/20/2023 19:25	59101 WALK_T2	0	1	1	0	0	0	1.39	1.36	1	1	0	450	450	0
6/20/2023 19:29	10805 CHHI_T2	1	1	0	8.8	8.5	-0.3	-0.8	-0.63	1	1	0	600	600	0
6/20/2023 19:33	53501 EVIL_T2	0	1	1	0	0	0	-1.16	-1.18	2	2	0	1200	1200	0
6/20/2023 19:40	42201 SHEN_T2	0	0	0	0	0	0	0.29	0.28	1	1	0	600	600	0
6/20/2023 20:39	53501 EVIL_T2	0	0	0	0	0	0	-1.25	-1.3	2	2	0	1200	1200	0
6/20/2023 20:52	40901 IESH_T1	1	1	0	0.6	0.4	-0.2	0	0	0	0	0	0	0	0
6/20/2023 21:09	20402 ASHF_T2	6	4	-2	1.18	0.15	-1.03	0	0	0	0	0	0	0	0
6/20/2023 21:17	16103 BING_T2	0	2	2	0	0.15	0.15	0	0	0	0	0	0	0	0
6/20/2023 21:34	61202 REIN_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
6/20/2023 21:41	16302 ALPA_T2	0	0	0	0	0	0	0.85	0.85	0	0	0	0	0	0
6/20/2023 21:46	10805 CHHI_T2	1	1	0	8.4	8.2	-0.2	-1.02	-0.97	1	1	0	600	600	0
6/20/2023 22:48	53501 EVIL_T2	10	9	-1	0.73	0.86	0.13	-1.43	-1.45	2	1	-1	1200	600	-600
6/20/2023 23:25	28601 BLYT_T2	1	1	0	1.3	2.1	0.8	0	0	0	0	0	0	0	0
6/20/2023 23:32	20403 ASHF_T2	0	0	0	0	0	0	0.14	0.08	0	0	0	0	0	0
6/20/2023 23:33	29401 BELT_T1	0	0	0	0	0	0	0	0	1	1	0	900	900	0
6/21/2023 0:17	56802 BENV_T2	1	1	0	0.9	0.3	-0.6	-1.25	-1.27	0	0	0	0	0	0
6/21/2023 0:28	56802 BENV_T2	1	1	0	0.9	0.3	-0.6	-2.54	-2.54	0	0	0	0	0	0
6/21/2023 0:28	10805 CHHI_T2	1	1	0	7.6	7.5	-0.1	-1.33	-1.31	1	1	0	600	600	0
6/21/2023 0:28	66505 SMAN_T2	0	0	0	0	0	0	0.27	0.32	1	1	0	900	900	0
6/21/2023 0:28	55101 WERT_T1	0	0	0	0	0	0	-1.54	-1.56	2	2	0	1800	1800	0
6/21/2023 0:28	28601 BLYT_T2	1	1	0	0.5	2.9	2.4	0	0	0	0	0	0	0	0
6/21/2023 0:28	60101 COCA_T1	0	0	0	0	0	0	0.32	0.31	0	0	0	0	0	0
6/21/2023 0:28	29401 BELT_T1	0	0	0	0	0	0	0	0	1	1	0	900	900	0
6/21/2023 0:28	16302 ALPA_T2	0	0	0	0	0	0	0.68	0.68	0	0	0	0	0	0
6/21/2023 0:28	20403 ASHF_T2	0	0	0	0	0	0	0.05	0.02	0	0	0	0	0	0
6/21/2023 0:28	61202 REIN_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
6/21/2023 0:34	60502 NMAN_T2	1	1	0	0.9	0.8	-0.1	-0.53	-0.52	0	0	0	0	0	0
6/21/2023 0:47	67204 TEHI_T2	59	113	54	0.14	0.31	0.17	0.09	0.09	0	0	0	0	0	0
6/21/2023 0:55	65604 QVIL_T2	20	27	7	0.31	0.3	-0.01	-0.06	-0.06	0	0	0	0	0	0
6/21/2023 0:55	64301 LINC_T1	0	0	0	0	0	0	0.31	0.34	0	0	0	0	0	0
6/21/2023 0:58	65604 QVIL_T2	20	27	7	0.31	0.3	-0.01	-0.06	-0.06	0	0	0	0	0	0
6/21/2023 1:01	64305 LINC_T1	2	1	-1	0.15	0.2	0.05	0	0	0	0	0	0	0	0
6/21/2023 1:04	28403 HART_T2	1	1	0	7.4	7.3	-0.1	-0.64	-0.62	1	1	0	900	900	0
6/21/2023 1:23	13704 SCHN_T2	0	0	0	0.3	0	-0.3	-0.37	-0.39	0	0	0	0	0	0
6/21/2023 1:23	44502 HAMI_T2	1	1	0	3.6	3.7	0.1	-0.83	-0.86	0	0	0	0	0	0
6/21/2023 1:24	13704 SCHN_T2	0	0	0	0	0	0	-0.37	-0.39	0	0	0	0	0	0
6/21/2023 1:29	64202 KINZ_T1	0	3	3	0	0.3	0.3	0	0	0	0	0	0	0	0
6/21/2023 1:30	55101 WERT_T1	0	0	0	0	0	0	-1.67	-1.65	2	2	0	1800	1800	0
6/21/2023 1:33	42201 SHEN_T2	0	0	0	0	0	0	0.11	0.08	1	1	0	600	600	0
6/21/2023 1:34	61202 REIN_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
6/21/2023 1:35	64305 LINC_T1	0	1	1	0	0.2	0.2	0	0	0	0	0	0	0	0
6/21/2023 1:37	52401 GRPA_T2	1	1	0	0.2	0.5	0.3	0	0	0	0	0	0	0	0
6/21/2023 1:37	66703 STRA_T1	53	191	138	0.21	0.26	0.05	-0.35	-0.34	0	0	0	0	0	0
6/21/2023 1:39	59101 WALK_T2	0	0	0	0	0	0	1.32	1.26	0	0	0	0	0	0
6/21/2023 1:40	59101 WALK_T2	0	0	0	0	0	0	1.32	1.26	0	0	0	0	0	0
6/21/2023 1:42	55101 WERT_T1	0	0	0	0	0	0	-1.65	-1.64	2	2	0	1800	1800	0
6/21/2023 1:45	15001 BLMO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
6/21/2023 1:46	63404 HONY_T1	2	2	0	8.4	8.9	0.5	0	0	0	0	0	0	0	0
6/21/2023 1:47	42201 SHEN_T2	0	0	0	0	0	0	0.08	0.09	1	1	0	600	600	0
6/21/2023 1:48	64204 KINZ_T1

Appendix C - Grid Benefits Achieved in Each Instance of Active Management

6/21/2023 2:54	63403 HONY_T2	0	0	0	0	0	0	-0.45	-0.45	1	1	0	600	600	0
6/21/2023 2:54	53501 EVIL_T2	15	20	5	0.75	0.71	-0.04	-0.62	-0.65	0	0	0	0	0	0
6/21/2023 2:54	59202 THOM_T1	14	6	-8	0.14	0.12	-0.02	0	0	0	0	0	0	0	0
6/21/2023 2:55	53501 EVIL_T2	15	20	5	0.75	0.71	-0.04	-1.23	-1.3	0	0	0	0	0	0
6/21/2023 2:55	65604 QVIL_T2	18	62	44	0.37	0.25	-0.12	-0.11	-0.1	0	0	0	0	0	0
6/21/2023 2:55	59102 WALK_T2	1	0	-1	0.1	0	-0.1	0	0	0	0	0	0	0	0
6/21/2023 2:56	48302 ORWI_T2	2	2	0	1.55	1.7	0.15	-0.31	-0.32	0	0	0	0	0	0
6/21/2023 2:56	63402 HONY_T2	1	1	0	1.4	1.5	0.1	0	0	0	0	0	0	0	0
6/21/2023 2:56	52401 GRPA_T2	1	1	0	0.6	0.5	-0.1	0	0	0	0	0	0	0	0
6/21/2023 2:56	67503 WEWI_T2	0	0	0	0	0	0	-0.35	-0.36	0	0	0	0	0	0
6/21/2023 2:56	64801 MONE_T2	0	0	0	0	0	0	0.3	0.29	0	0	0	0	0	0
6/21/2023 2:56	40502 CRES_T2	17	18	1	0.25	0.31	0.06	-0.44	-0.42	0	0	0	0	0	0
6/21/2023 2:58	64201 KINZ_T1	1	1	0	1.5	1.6	0.1	0.6	0.58	0	0	0	0	0	0
6/21/2023 2:59	61202 REIN_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
6/21/2023 3:01	27101 GFLD_T2	1	1	0	0	0	0	0	0	0	0	0	0	0	0
6/21/2023 3:01	67204 TEHI_T2	85	100	15	0.17	0.22	0.05	0.03	0.04	0	0	0	0	0	0
6/21/2023 3:02	40902 JESH_T1	0	0	0	0	0	0	-1.02	-1	2	2	0	1200	1200	0
6/21/2023 3:04	15001 BLMO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
6/21/2023 3:04	55101 WERT_T1	0	0	0	0	0	0	-1.73	-1.74	2	2	0	1800	1800	0
6/21/2023 3:05	28601 BLYT_T2	1	1	0	1.3	0.8	-0.5	0	0	0	0	0	0	0	0
6/21/2023 3:05	15001 BLMO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
6/21/2023 3:06	11104 EGYP_T1	0	0	0	0	0	0	0.39	0.38	0	0	0	0	0	0
6/21/2023 3:06	10805 CHHI_T2	1	1	0	8.2	8	-0.2	-0.79	-0.85	0	0	0	0	0	0
6/21/2023 3:09	64203 KINZ_T1	0	1	1	0	0.1	0.1	0	0	0	0	0	0	0	0
6/21/2023 3:10	29402 BELT_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
6/21/2023 3:10	64203 KINZ_T1	0	1	1	0	0.1	0.1	0.23	0.34	0	0	0	0	0	0
6/21/2023 3:10	59101 WALK_T2	0	0	0	0	0	0	1.31	1.24	0	0	0	0	0	0
6/21/2023 3:14	53501 EVIL_T2	14	21	7	0.81	0.69	-0.12	-0.65	-0.69	0	0	0	0	0	0
6/21/2023 3:15	66505 SMAN_T2	3	6	3	0.17	0.37	0.2	-0.05	-0.1	1	1	0	900	900	0
6/21/2023 3:15	47802 MOCA_T2	0	0	0	0	0	0	-0.98	-1.01	0	0	0	0	0	0
6/21/2023 3:16	67502 WEWI_T2	0	0	0	0	0	0	-1.57	-1.49	1	1	0	900	900	0
6/21/2023 3:16	58803 COCO_T1	2	2	0	4.2	4.3	0.1	-2.31	-2.45	0	0	0	0	0	0
6/21/2023 3:34	12701 MACU_T1	0	0	0	0	0	0	-0.01	-0.01	0	0	0	0	0	0
6/21/2023 3:35	56802 BENV_T2	1	1	0	0.8	0.9	0.1	-1.4	-1.39	0	0	0	0	0	0
6/21/2023 3:41	16302 ALPA_T2	0	0	0	0	0	0	0.57	0.58	0	0	0	0	0	0
6/21/2023 3:53	53501 EVIL_T2	21	21	0	0.73	0.97	0.24	-0.72	-0.64	0	0	0	0	0	0
6/21/2023 3:55	53501 EVIL_T2	21	21	0	0.73	0.97	0.24	-0.72	-0.64	0	0	0	0	0	0
6/21/2023 3:58	56802 BENV_T2	1	1	0	0.7	0.9	0.2	-1.39	-1.38	0	0	0	0	0	0
6/21/2023 3:59	16302 ALPA_T2	0	0	0	0	0	0	0.58	0.52	0	0	0	0	0	0
6/21/2023 4:01	16302 ALPA_T2	0	0	0	0	0	0	0.58	0.52	0	0	0	0	0	0
6/21/2023 4:14	53501 EVIL_T2	21	21	0	0.93	0.78	-0.15	-0.64	-0.61	0	0	0	0	0	0
6/21/2023 5:01	10805 CHHI_T2	1	1	0	8.6	8.8	0.2	-0.63	-0.53	0	0	0	0	0	0
6/21/2023 5:33	42201 SHEN_T2	0	0	0	0	0	0	0.65	0.65	0	0	0	0	0	0
6/21/2023 5:43	40901 JESH_T1	1	1	0	0.1	0.2	0.1	0	0	0	0	0	0	0	0
6/21/2023 7:07	58803 COCO_T1	2	2	0	4.2	4.7	0.5	-2.39	-2.4	0	0	0	0	0	0
6/21/2023 10:00	12605 MACA_T1	1	1	0	0.5	0.5	0	0	0	0	0	0	0	0	0
6/21/2023 10:00	56802 BENV_T2	1	1	0	0.8	0.8	0	-1.1	-1.08	0	0	0	0	0	0
6/21/2023 10:00	40902 JESH_T1	0	0	0	0	0	0	-0.75	-0.61	3	3	0	1800	1800	0
6/21/2023 10:00	56803 BENV_T1	1	1	0	0.3	0.1	-0.2	0.5	0.5	0	0	0	0	0	0
6/21/2023 10:00	64201 KINZ_T1	0	0	0	0	0	0	-0.01	0.01	3	3	0	1500	1500	0
6/21/2023 10:00	16102 BING_T2	0	0	0	0	0	0	-0.03	0.01	1	1	0	1200	1200	0
6/21/2023 10:00	64203 KINZ_T1	0	0	0	0	0	0	-0.07	0.1	3	3	0	2100	2100	0
6/21/2023 10:00	10805 CHHI_T2	1	1	0	7.6	7.8	0.2	-2.62	-2.55	4	4	0	3600	3600	0
6/21/2023 10:00	67502 WEWI_T2	1	0	-1	0.7	0	-0.7	0	0	0	0	0	0	0	0
6/21/2023 10:00	48302 ORWI_T2	2	2	0	1.8	1.75	-0.05	-0.05	-0.05	0	0	0	0	0	0
6/21/2023 10:00	67603 WARW_T1	0	1	1	0	0.1	0.1	0	0	0	0	0	0	0	0
6/21/2023 10:00	53502 EVIL_T2	0	1	1	0	0	0	0	0	0	0	0	0	0	0
6/21/2023 10:00	64801 MONE_T2	1	1	0	0.5	0.4	-0.1	0.29	0.29	0	0	0	0	0	0
6/21/2023 10:00	58803 COCO_T1	2	2	0	3.55	3.35	-0.2	-2.11	-2.08	0	0	0	0	0	0
6/21/2023 10:00	47802 MOCA_T2	0	0	0	0	0	0	-0.78	0.53	0	0	0	0	0	0
6/21/2023 10:00	63403 HONY_T2	0	0	0	0	0	0	-0.23	-0.21	1	1	0	600	600	0
6/21/2023 10:00	43202 MVIL_T2	0	0	0	0	0	0	-0.6	-0.6	0	0	0	0	0	0
6/21/2023 10:00	66505 SMAN_T2	0	0	0	0	0	0	0.86	1	1	1	0	900	900	0
6/21/2023 10:00	55101 WERT_T1	0	0	0	0	0	0	-2.84	-2.71	6	6	0	4800	4800	0
6/21/2023 10:00	41602 CLEV_T1	0	0	0	0	0	0	0	0	0	3	3	0	1800	1800
6/21/2023 10:00	61202 REIN_T1	0	2	2	0	0.15	0.15	0	0	0	0	0	0	0	0
6/21/2023 10:00	59202 THOM_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
6/21/2023 10:00	52401 GRPA_T2	0	2	2	0	0.15	0.15	0	0	0	0	0	0	0	0
6/21/2023 10:00	29402 BELT_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
6/21/2023 10:00	59101 WALK_T2	0	0	0	0	0	0	7.52	8.88	0	0	0	0	0	0
6/21/2023 10:00	11104 EGYP_T1	0	0	0	0	0	0	1.32	1.35	0	0	0	0	0	0
6/21/2023 10:00	16302 ALPA_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
6/21/2023 10:00	52503 PROG_T2	0	0	0	0	0	0	-0.57	-0.58	1	1	0	900	900	0
6/21/2023 10:00	66703 STRA_T1	2	0	-2	0.25	0	-0.25	0	0.04	0	0	0	0	0	0
6/21/2023 10:00	42201 SHEN_T2	0	0	0	0	0	0	0.87	0.88	0	0	0	0	0	0
6/21/2023 10:00	28403 HART_T2	1	1	0	7.5	7.3	-0.2	-0.6	-0.6	1	1	0	900	900	0
6/21/2023 10:00	56601 HAMP_T1	0	0	0	0	0	0	-0.04	-0.03	0	0	0	0	0	0
6/21/2023 10:00	40502 CRES_T2	0	0	0	0	0	0	-0.52	-0.5	0	0	0	0	0	0
6/21/2023 10:00	44502 HAMI_T2	1	1	0	1.9	2	0.1	-0.66	-0.68	0	0	0	0	0	0
6/21/2023 10:00	27101 GFLD_T2	2	1	-1	0.1	0	-0.1	0	0	1	1	0	600	600	0
6/21/2023 10:00	63404 HONY_T2	2	2	0	7.2	6.95	-0.25	0	0	0	0	0	0	0	0
6/21/2023 10:00	12701 MACU_T1	0	0	0	0	0	0	0.08	0.09	0	0	0	0	0	0
6/21/2023 10:00	15001 BLMO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
6/21/2023 10:00	67204 TEHI_T2	0	0	0	0	0	0	-0.12	-0.11	0	0	0	0	0	0
6/21/2023 11:28	15001 BLMO_T1	0	1	1	0	0.2	0.2	0	0	0	0	0	0	0	0
6/21/2023 11:35	56802 BENV_T2	1	2	1	0.3	0.8	0.5	-0.48	-0.47	0	0	0	0	0	0
6/21/2023 11:44	59101 WALK_T2	0	0	0	0	0	0	1.73	1.7	0	0	0	0	0	0
6/21/2023 11:53	16301 ALPA_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
6/21/2023 11:54	61202 REIN_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
6/21/2023 12:00	28403 HART_T2	1	1	0	7.4	7.5	0.1	-0.51	-0.52	1	1	0	900	900	0
6/21/2023 12:06	46504 LOHA_T1	4	4	0	0.8	0.1	-0.7	0	0	0	0	0	0	0	0
6/21/2023 12:08	59101 WALK_T2	0	0	0	0	0	0	1.61	1.58	0	0	0	0	0	0
6/21/2023 12:09	45601 WOOL_T1	1	1	0	0	0	0	0	0	0	0	0	0	0	0
6/21/2023 12:09	53501 EVIL_T2	1	5	4	0.3	0.46	0.16	0.15	-0.04	1	1	0	600	600	0
6/21/2023 12:10	59101 WALK_T2	0	0	0	0	0	0	1.61	1.58	0	0	0	0	0	0
6/21/2023 12:16	46506 LOHA_T1	0	0	0	0	0	0	-1.34	-1.33	1	1	0	900	900	0
6/21/2023 12:19	40902 JESH_T1	0	0	0	0	0	0	-0.61	-0.6	3	3	0	1800	1800	0
6/21/2023 12:27	56802 BENV_T2	1	0	-1	0.5	0	-0.5	-0.45	-0.45	0	0	0	0	0	0
6/21/2023 12:30	53501 EVIL_T2	5	0	-5	0.44	0	-0.44	-0.04	-0.06	1	1	0	600	600	0
6/21/2023 12:37	44801 EDAN_T2	1	1	0	1	1	0	0	0	0	0	0	0	0	0
6/21/2023 12:39	66505 SMAN_T2	0	0	0	0	0	0	0.69	0.7	2	2	0	1500	1500	0
6/21/2023 12:46	67503 WEWI_T2	0	0	0	0	0	0	-0.14	-0.02	0	0	0	0	0	0
6/21/2023 12:50	44802 EDAN_T2	0	0	0	0	0	0	-1.36	-1.35	1	1	0	1200	1200	0
6/21/2023 12:55	28403 HART_T2	1	1	0	7.6	7.6	0	-0.43	-0.4	1	1	0	900	900	0
6/21/2023 12:57	64801 MONE_T2	1	1	0	0.5	1	0.5	0.3	0.3	0	0	0	0	0	0
6/21/2023 13:01	24101 EHAZ_T1	21	23	2	0.67	0.37	-0.3	0.97	0.97	2	2	0	1200	1200	0
6/21/2023 13:31	10805 CHHI_T2	1	1	0	8.4	8	-0.4	-1.03	-1.2	2	2	0	1800	1800	0
6/21/2023 13:33	67502 WEWI_T2	0	0	0	0	0	0	0.11	0.07	0	0	0	0	0	0
6/21/2023 13:33	15001 BLMO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
6/23/2023 0:28	63801 HEMP_T1	5	65	60	0.1	0.16	0.06	0.01	-0.04	0	0	0	0	0	0
6/23/2023 0:28	28403 HART_T2	1	1	0	7.6	8	0.4	-1.28	-1.29	2	2	0	1800	1800	0
6/23/2023 0:28	10805 CHHI_T2	1	1	0	7.9	7.9	0	-0.97	-1.01	1	1	0	600	600	0
6/23/2023 0:28	44802 EDAN_T2	0	0	0	0	0	0	-1.69	-1.7	1	1	0	1200	1200	0
6/23/2023 0:28	52502 PROG_T2	0	0	0	0	0	0	-1.39	-1.4	2	2	0	1800	1800	0
6/23/2023 0:28	60101 COCA_T1	0	0	0	0	0	0	0.17	0.17	0	0	0	0	0	0
6/23/2023 0:28	64201 KINZ_T1	1	58	57	1.7	0.21	-1.49	0.59	0.58	0	0	0	0	0	0
6/23/2023 0:28	12202 FOGE_T2	0	0	0	0	0	0	-0.59	-0.61	1	1	0	600	600	0
6/23/2023 0:28	48901 FOSP_T2	0	0	0	0	0	0	-0.82	-0.84	2	2	0	1200	1200	0
6/23/2023 0:28	53903 HALI_T2	2	0	-2	0.55	1	0.45	0	0	0	0	0	0	0	0
6/23/2023 0:28	66504 SMAN_T2	0	0	0	0	0	0	-0.86	-0.99	0	0	0	0	0	0
6/23/2023 0:28	58803 COCO_T1	2	2	0	2.95	3.3	0.35	-1.3	-1.35	0	0	0	0	0	0
6/23/2023 0:28	40901 JESH_T1	1	1	0	0.3	0	-0.3	0	0	0	0	0	0	0	0
6/23/2023 0:28	64204 KINZ_T1	96	188	92	0.19	0.57	0.38	0	0	0	0	0	0	0	0
6/23/2023 0:28	64301 LINC_T1	0	0	0	0	0	0	0.24	0.25	0	0	0	0	0	0
6/23/2023 0:28	60501 NMAN_T2	3	3	0	5.07	5.4	0.33	0	0	0	0	0	0	0	0
6/23/2023 0:28	15001 BLMO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
6/23/2023 0:28	45001 LIME_2	36	30	-6	0.56	0.48	-0.08	0	0	0	0	0	0	0	0
6/23/2023 0:28	66505 SMAN_T2	3	3	0	0.13	0.3	0.17	0.1	0.04	2	2	0	1100	1100	0
6/23/2023 0:28	49804 UNIV_T1	1	1	0	0.1	0.4	0.3	0.44	0.43	0	0	0	0	0	0
6/23/2023 0:28	58402 MORO_T1	0	0	0	0	0	0	-1.44	-1.46	2	2	0	1500	1500	0
6/23/2023 0:28	40101 HUNT_T2	2	2	0	0.35	0.35	0	-0.59	-0.6	0	0	0	0	0	0
6/23/2023 0:28	61202 REIN_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
6/23/2023 0:28	47802 MOCA_T2	0	0	0	0	0	0	-1.01	-1.01	0	0	0	0	0	0
6/23/2023 0:28	67503 WEWI_T2	0	0	0	0	0	0	-0.52	-0.53	0	0	0	0	0	0
6/23/2023 0:28	67503 WEWI_T2	0	0	0	0	0	0	-0.52	-0.53	0	0	0	0	0	0
6/23/2023 0:28	40502 CRES_T2	0	14	14	0	0.21	0.21	-0.19	-0.2	0	0	0	0	0	0
6/23/2023 0:28	47401 PENS_T1	0	0	0	0	0	0	1.71	1.95	0	0	0	0	0	0
6/23/2023 0:28	61302 EARL_T1	0	0	0	0	0	0	-0.66	-0.65	2	2	0	1800	1800	0
6/23/2023 0:28	42701 AUGU_T1	1	1	0	0.3	0.1	-0.2	0	0	2	2	0	1200	1200	0
6/23/2023 0:28	42201 SHEN_T2	0	0	0	0	0	0	0.79	0.78	0	0	0	0	0	0
6/23/2023 0:28	53502 EVIL_T2	0	1	1	0	0.1	0.1	0	0	0	0	0	0	0	0
6/23/2023 0:28	56801 BENV_T1	28	34	6	0.77	1.01	0.24	-1.64	-1.64	2	2	0	1200	1200	0
6/23/2023 0:28	42002 MNVL_T2	1	1	0	3.4	3.4	0	0	0	0	0	0	0	0	0
6/23/2023 0:28	56802 BENV_T2	1	1	0	0.6	1.2	0.6	-6.93	-6.95	0	0	0	0	0	0
6/23/2023 0:28	12701 MACU_T1	0	0	0	0	0	0	0.04	0.04	0	0	0	0	0	0
6/23/2023 0:28	64801 MONE_T2	0	0	0	0	0	0	0.34	0.34	0	0	0	0	0	0
6/23/2023 0:28	59101 WALK_T2	0	0	0	0	0	0	1.63	2.35	0	0	0	0	0	0
6/23/2023 0:28	40802 EXCH_T2	0	0	0	0	0	0	-0.15	-0.15	0	0	0	0	0	0
6/23/2023 0:35	14403 SSLA_T1	0	0	0	0	0	0	0.73	0.72	0	0	0	0	0	0
6/23/2023 1:11	56801 BENV_T1	39	34	-5	1.09	1.07	-0.02	-0.83	-0.83	1	1	0	600	600	0
6/23/2023 1:15	56802 BENV_T2	1	4	3	0.9	0.35	-0.55	-1.4	-1.41	0	0	0	0	0	0
6/23/2023 1:16	56802 BENV_T2	1	4	3	0.9	0.35	-0.55	-1.4	-1.41	0	0	0	0	0	0
6/23/2023 1:21	42201 SHEN_T2	0	0	0	0	0	0	0.37	0.37	0	0	0	0	0	0
6/23/2023 1:23	40101 HUNT_T2	0	2	2	0	0.15	0.15	-0.61	-0.61	0	0	0	0	0	0
6/23/2023 1:32	49804 UNIV_T1	1	5	4	0.6	0.26	-0.34	0.44	0.44	0	0	0	0	0	0
6/23/2023 1:34	44802 EDAN_T2	0	0	0	0	0	0	-1.72	-1.73	1	1	0	1200	1200	0
6/23/2023 2:04	15001 BLMO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
6/23/2023 2:26	60501 NMAN_T2	3	3	0	4.9	5.1	0.2	0	0	0	0	0	0	0	0
6/23/2023 2:52	48901 FOSP_T2	0	0	0	0	0	0	-0.43	-0.43	1	1	0	600	600	0
6/23/2023 3:09	56802 BENV_T2	4	65	61	0.4	0.15	-0.25	-1.44	-1.44	0	0	0	0	0	0
6/23/2023 3:31	56801 BENV_T1	41	41	0	1.37	1.25	-0.12	-0.86	-0.87	1	1	0	600	600	0
6/23/2023 3:38	12701 MACU_T1	0	1	1	0	0	0	0.01	0.01	0	0	0	0	0	0
6/23/2023 4:09	40802 EXCH_T2	0	0	0	0	0	0	-0.18	-0.18	0	0	0	0	0	0
6/23/2023 4:15	52502 PROG_T2	0	0	0	0	0	0	-0.75	-0.76	1	1	0	900	900	0
6/23/2023 4:47	15001 BLMO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
6/23/2023 4:48	47401 PENS_T1	0	0	0	0	0	0	0.72	0.74	0	0	0	0	0	0
6/23/2023 4:49	15001 BLMO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
6/23/2023 4:56	59101 WALK_T2	0	0	0	0	0	0	0.76	1.07	0	0	0	0	0	0
6/23/2023 4:57	42201 SHEN_T2	0	0	0	0	0	0	0.35	0.35	0	0	0	0	0	0
6/23/2023 5:04	64301 LINC_T1	0	0	0	0	0	0	0.16	0.17	0	0	0	0	0	0
6/23/2023 5:08	58402 MORO_T1	0	0	0	0	0	0	-1.36	-1.35	2	2	0	1500	1500	0
6/23/2023 6:12	48901 FOSP_T2	0	0	0	0	0	0	-0.05	-0.09	1	1	0	600	600	0
6/23/2023 8:12	54501 ENOL_T2	0	4	4	0	0.45	0.45	-0.52	-0.51	1	1	0	600	600	0
6/23/2023 8:37	43202 MVIL_T2	0	0	0	0	0	0	-0.63	-0.63	0	0	0	0	0	0
6/23/2023 9:51	13704 SCHN_T2	0	0	0	0	0	0	-0.12	-0.27	0	0	0	0	0	0
6/23/2023 10:00	40802 EXCH_T2	0	0	0	0	0	0	0.09	0.21	0	0	0	0	0	0
6/23/2023 10:00	67204 TEHI_T2	0	0	0	0	0	0	-0.08	-0.07	0	0	0	0	0	0
6/23/2023 10:00	67502 WEWI_T2	0	0	0	0	0	0	-0.21	-0.16	0	0	0	0	0	0
6/23/2023 10:00	12701 MACU_T1	0	1	1

Appendix C - Grid Benefits Achieved in Each Instance of Active Management

6/23/2023 10:00	60101 COCA_T1	0	0	0	0	0	0	0.41	0.42	0	0	0	0	0	0
6/23/2023 10:00	10805 CHHI_T2	1	1	0	7.2	7.5	0.3	-1.56	-1.58	2	2	0	1800	1800	0
6/23/2023 10:00	58803 COCO_T1	2	2	0	3.9	3.8	-0.1	-0.99	-1.11	0	0	0	0	0	0
6/23/2023 10:00	56802 BENV_T2	1	1	0	1	0.9	-0.1	-3.16	-3.13	0	0	0	0	0	0
6/23/2023 11:21	64202 KINZ_T1	3	2	-1	0.27	0.2	-0.07	0	0	0	0	0	0	0	0
6/23/2023 11:24	15001 BLMO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
6/23/2023 11:33	67503 WEWI_T2	0	0	0	0	0	0	-0.2	-0.11	0	0	0	0	0	0
6/23/2023 11:42	64101 REFR_T1	0	0	0	0	0	0	-0.04	-0.04	0	0	0	0	0	0
6/23/2023 11:59	59101 WALK_T2	0	0	0	0	0	0	1.49	1.42	0	0	0	0	0	0
6/23/2023 12:02	56802 BENV_T2	1	1	0	0.9	0.9	0	-0.58	-0.57	0	0	0	0	0	0
6/23/2023 12:15	12701 MACU_T1	0	0	0	0	0	0	0.11	0.11	0	0	0	0	0	0
6/23/2023 12:16	20403 ASHF_T2	0	0	0	0	0	0	1.24	1.24	0	0	0	0	0	0
6/23/2023 12:24	64801 MONE_T2	1	1	0	0.6	0.3	-0.3	0.35	0.36	0	0	0	0	0	0
6/23/2023 12:32	28403 HART_T2	1	1	0	8.2	8	-0.2	-0.63	-0.64	1	1	0	900	900	0
6/23/2023 12:34	61202 REIN_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
6/23/2023 12:35	59101 WALK_T2	0	0	0	0	0	0	1.04	1.15	0	0	0	0	0	0
6/23/2023 12:40	44801 EDAN_T2	1	1	0	0.9	0.7	-0.2	0	0	0	0	0	0	0	0
6/23/2023 12:41	66505 SMAN_T2	0	0	0	0	0	0	0.42	0.35	3	3	0	1700	1700	0
6/23/2023 12:43	52403 GRPA_T2	0	1	1	0	0	0	0.16	0.16	0	0	0	0	0	0
6/23/2023 12:44	40902 JESH_T1	0	0	0	0	0	0	-0.25	-0.15	3	3	0	1800	1800	0
6/23/2023 12:47	65604 QVIL_T2	2	3	1	0.1	0.13	0.03	0.32	0.33	0	0	0	0	0	0
6/23/2023 13:00	28403 HART_T2	1	1	0	8	8	0	-0.64	-0.64	1	1	0	900	900	0
6/23/2023 13:10	64204 KINZ_T1	1	1	0	0.9	0.8	-0.1	0	0	0	0	0	0	0	0
6/23/2023 13:31	67502 WEWI_T2	0	0	0	0	0	0	-0.13	-0.14	0	0	0	0	0	0
6/23/2023 14:01	42002 MNVL_T2	1	1	0	3.5	3.3	-0.2	0.1	0.1	0	0	0	0	0	0
6/23/2023 14:04	47401 PENS_T1	5	0	-5	0.12	0	-0.12	0.03	0.11	0	0	0	0	0	0
6/23/2023 14:11	10805 CHHI_T2	1	1	0	9.1	8.8	-0.3	-0.59	-0.62	1	1	0	600	600	0
6/23/2023 14:14	29401 BELT_T1	23	45	22	0.15	0.24	0.09	0	0	1	1	0	900	900	0
6/23/2023 14:18	42701 AUGU_T1	0	0	0	0	0	0	0	0	2	2	0	1800	1800	0
6/23/2023 14:40	41602 CLEV_T1	0	0	0	0	0	0	0	0	3	3	0	1800	1800	0
6/23/2023 14:49	44802 EDAN_T2	0	0	0	0	0	0	-1.47	-1.46	1	1	0	1200	1200	0
6/23/2023 15:01	67503 WEWI_T2	0	0	0	0	0	0	-0.07	-0.04	0	0	0	0	0	0
6/23/2023 15:43	28604 BLYT_T2	0	0	0	0	0	0	-1.22	-1.21	0	0	0	0	0	0
6/23/2023 15:56	12202 FOGE_T2	2	2	0	0.1	0.3	0.2	-0.37	-0.38	1	1	0	600	600	0
6/23/2023 16:37	47401 PENS_T1	0	0	0	0	0	0	-0.05	-0.06	0	0	0	0	0	0
6/23/2023 16:54	26401 INOR_T1	1	16	15	0	0.11	0.11	0	0	0	0	0	0	0	0
6/23/2023 17:00	15001 BLMO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
6/23/2023 19:32	60501 NMAN_T2	3	3	0	4.57	4.63	0.06	0	0	0	0	0	0	0	0
6/23/2023 20:44	20403 ASHF_T2	0	0	0	0	0	0	0.34	0.34	0	0	0	0	0	0
6/23/2023 20:53	29401 BELT_T1	0	0	0	0	0	0	0	0	1	1	0	900	900	0
6/23/2023 23:50	65604 QVIL_T2	0	2	2	0	0.1	0.1	-0.03	-0.03	0	0	0	0	0	0
6/24/2023 0:28	52403 GRPA_T2	0	0	0	0	0	0	0.03	0.02	0	0	0	0	0	0
6/24/2023 0:28	64202 KINZ_T1	3	3	0	0.4	0.77	0.37	0	0	0	0	0	0	0	0
6/24/2023 0:28	56802 BENV_T2	1	1	0	0.7	1	0.3	-2.7	-2.7	0	0	0	0	0	0
6/24/2023 0:28	44802 EDAN_T2	0	0	0	0	0	0	-1.66	-1.67	1	1	0	1200	1200	0
6/24/2023 0:28	47403 PENS_T1	1	0	-1	2.7	0	-2.7	0	0	0	0	0	0	0	0
6/24/2023 0:28	60101 COCA_T1	0	0	0	0	0	0	0.3	0.29	0	0	0	0	0	0
6/24/2023 0:28	10805 CHHI_T2	1	1	0	7.6	7.6	0	-1.18	-1.2	1	1	0	600	600	0
6/24/2023 0:28	28403 HART_T2	1	1	0	6.5	6.5	0	-0.61	-0.55	1	1	0	900	900	0
6/24/2023 0:28	15001 BLMO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
6/24/2023 0:28	65604 QVIL_T2	2	15	13	0.1	0.23	0.13	-0.04	-0.04	0	0	0	0	0	0
6/24/2023 0:28	66505 SMAN_T2	0	0	0	0	0	0	0.33	0.31	2	2	0	1100	1100	0
6/24/2023 0:28	42701 AUGU_T1	0	1	1	0	0.6	0.6	0	0	2	2	0	1800	1800	0
6/24/2023 0:28	61202 REIN_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
6/24/2023 0:28	59101 WALK_T2	0	0	0	0	0	0	2.54	2.35	0	0	0	0	0	0
6/24/2023 0:28	67502 WEWI_T2	0	0	0	0	0	0	-1.44	-1.46	1	1	0	900	900	0
6/24/2023 0:28	55101 WERT_T1	0	0	0	0	0	0	-3	-3.03	4	4	0	3000	3000	0
6/24/2023 0:28	26401 INOR_T1	34	79	45	0.21	0.27	0.06	0	0	0	0	0	0	0	0
6/24/2023 0:32	44802 EDAN_T2	0	0	0	0	0	0	-1.66	-1.67	1	1	0	1200	1200	0
6/24/2023 0:58	67503 WEWI_T2	0	0	0	0	0	0	-0.24	-0.24	0	0	0	0	0	0
6/24/2023 0:59	28403 HART_T2	1	1	0	6.5	6.6	0.1	-0.61	-0.61	1	1	0	900	900	0
6/24/2023 1:02	15001 BLMO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
6/24/2023 1:03	15001 BLMO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
6/24/2023 1:12	66505 SMAN_T2	0	0	0	0	0	0	0.17	0.18	2	2	0	1100	1100	0
6/24/2023 1:25	55101 WERT_T1	0	0	0	0	0	0	-1.55	-1.57	2	2	0	1500	1500	0
6/24/2023 1:27	47402 PENS_T1	1	1	0	0.1	0.5	0.4	0	0	0	0	0	0	0	0
6/24/2023 1:28	47401 PENS_T1	0	0	0	0	0	0	0.92	0.93	0	0	0	0	0	0
6/24/2023 1:29	52502 PROG_T2	0	0	0	0	0	0	0.32	0.32	0	0	0	0	0	0
6/24/2023 1:40	55101 WERT_T1	0	0	0	0	0	0	-1.57	-1.57	2	2	0	1500	1500	0
6/24/2023 1:47	42002 MNVL_T2	1	1	0	3.7	3.6	-0.1	-0.02	-0.03	0	0	0	0	0	0
6/24/2023 2:05	55101 WERT_T1	0	0	0	0	0	0	-1.58	-1.59	2	2	0	1500	1500	0
6/24/2023 2:19	64201 KINZ_T1	22	65	43	0.25	0.26	0.01	0	0	0	0	0	0	0	0
6/24/2023 2:31	64202 KINZ_T1	25	49	24	0.28	0.26	-0.02	0	0	0	0	0	0	0	0
6/24/2023 2:40	64101 REFR_T1	0	0	0	0	0	0	0.09	0.08	0	0	0	0	0	0
6/24/2023 2:41	47401 PENS_T1	0	0	0	0	0	0	0.9	0.9	0	0	0	0	0	0
6/24/2023 2:43	48901 FOSP_T2	0	0	0	0	0	0	0.19	0.18	0	0	0	0	0	0
6/24/2023 2:51	66505 SMAN_T2	3	0	-3	0.3	0	-0.3	0	0	0	0	0	0	0	0
6/24/2023 2:52	60501 NMAN_T2	3	3	0	5.73	5.57	-0.16	0	0	0	0	0	0	0	0
6/24/2023 2:52	67503 WEWI_T2	0	0	0	0	0	0	-0.31	-0.31	0	0	0	0	0	0
6/24/2023 2:53	15001 BLMO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
6/24/2023 2:56	64101 REFR_T1	0	0	0	0	0	0	0.08	0.08	0	0	0	0	0	0
6/24/2023 3:00	48901 FOSP_T2	0	0	0	0	0	0	0.18	0.16	0	1	1	0	600	600
6/24/2023 3:00	67503 WEWI_T2	0	0	0	0	0	0	-0.31	-0.31	0	0	0	0	0	0
6/24/2023 3:00	64101 REFR_T1	0	0	0	0	0	0	0.08	0.08	0	0	0	0	0	0
6/24/2023 3:12	67503 WEWI_T2	0	0	0	0	0	0	-0.31	-0.32	0	0	0	0	0	0
6/24/2023 3:12	15001 BLMO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
6/24/2023 3:18	12701 MACU_T1	0	0	0	0	0	0	0.03	0.03	0	0	0	0	0	0
6/24/2023 3:25	67503 WEWI_T2	0	0	0	0	0	0	-0.32	-0.33	0	0	0	0	0	0
6/24/2023 3:39	64202 KINZ_T1	91	109	18	0.39	0.55	0.16	0	0	0	0	0	0	0	0
6/24/2023 3:43	64801 MONE_T2	0	0	0	0	0	0	0.33	0.34	0	0	0	0	0	0
6/24/2023 3:44	48901 FOSP_T2	0	0	0	0	0	0	-0.48	-0.48	1	1	0	600	600	0
6/24/2023 3:45	14403 SSLA_T1	0	0	0	0	0	0	0.66	0.66	0	0	0	0	0	0
6/24/2023 3:47	47401 PENS_T1	0	0	0	0	0	0	0.91	0.88	0	0	0	0	0	0
6/24/2023 3:49	12202 FOGE_T2	2	1	-1	0.15	0.1	-0.05	-0.59	-0.59	1	1	0	600	600	0
6/24/2023 3:52	56802 BENV_T2	1	1	0	1	1	0	-1.37	-1.37	0	0	0	0	0	0
6/24/2023 3:53	15001 BLMO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
6/24/2023 3:54	52502 PROG_T2	0	0	0	0	0	0	0.3	0.29	0	0	0	0	0	0
6/24/2023 3:55	42201 SHEN_T2	3	3	0	0.2	0.2	0	0.36	0.36	0	0	0	0	0	0
6/24/2023 3:58	59101 WALK_T2	0	0	0	0	0	0	1.01	0.85	0	0	0	0	0	0
6/24/2023 4:01	12202 FOGE_T2	1	1	0	0.1	0.1	0	-0.59	-0.59	1	1	0	600	600	0
6/24/2023 4:02	52402 GRPA_T2	1	1	0	0.7	0.8	0.1	0	0	0	0	0	0	0	0
6/24/2023 4:04	12202 FOGE_T2	1	1	0	0.1	0.1	0	-0.59	-0.59	1	1	0	600	600	0
6/24/2023 4:07	47401 PENS_T1	0	0	0	0	0	0	0.87	0.86	0	0	0	0	0	0
6/24/2023 4:08	40901 JESH_T1	0	1	1	0	0.2	0.2	0	0	0	0	0	0	0	0
6/24/2023 4:10	65601 QVIL_T2	0	2	2	0	0.1	0.1	0	0	0	0	0	0	0	0
6/24/2023 4:23	48901 FOSP_T2	0	0	0	0	0	0	-0.47	-0.46	1	1	0	600	600	0
6/24/2023 4:53	55101 WERT_T1	0	0	0	0	0	0	-1.54	-1.53	2	2	0	1500	1500	0
6/24/2023 5:06	55101 WERT_T1	0	0	0	0	0	0	-1.53	-1.49	2	2	0	1500	1500	0
6/24/2023 5:09	12202 FOGE_T2	0	0	0	0	0	0	-0.59	-0.59	1	1	0	600	600	0
6/24/2023 5:32	28604 BLYT_T2	0	0	0	0	0	0	-1.35	-1.34	0	0	0	0	0	0
6/24/2023 5:33	55101 WERT_T1	0	0	0	0	0	0	-1.49	-1.44	2	2	0	1500	1500	0
6/24/2023 10:00	67604 WARW_T1	0	0	0	0	0	0	-0.02	-0.01	0	0	0	0	0	0
6/24/2023 10:00	28403 HART_T2	1	1	0	7.5	7.5	0	-0.51	-0.5	1	1	0	900	900	0
6/24/2023 10:00	60101 COCA_T1	0	0	0	0	0	0	0.43	0.45	0	0	0	0	0	0
6/24/2023 10:00	40902 JESH_T1	0	0	0	0	0	0	-0.88	-0.99	2	2	0	1200	1200	0
6/24/2023 10:00	56802 BENV_T2	1	1	0	0.8	0.8	0	-1.3	-1.27	0	0	0	0	0	0
6/24/2023 10:00	66505 SMAN_T2	0	0	0	0	0	0	0.43	0.38	3	3	0	1700	1700	0
6/24/2023 10:00	52503 PROG_T2	0	0	0	0	0	0	-0.58	-0.56	1	1	0	900	900	0
6/24/2023 10:00	52503 PROG_T2	0	0	0	0	0	0	-0.58	-0.56	1	1	0	900	900	0
6/24/2023 10:00	12604 MACA_T1	0	0	0	0	0	0	0.39	0.4	0	0	0	0	0	0
6/24/2023 10:00	56601 HAMP_T1	0	0	0	0	0	0	-0.07	-0.18	0	0	0	0	0	0
6/24/2023 10:00	15001 BLMO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
6/24/2023 10:00	64801 MONE_T2	0	4	4	0	0	0	0.44	0.45	0	0	0	0	0	0
6/24/2023 10:00	48901 FOSP_T2	0	0	0	0	0	0	-0.41	-0.42	1	1	0	600	600	0
6/24/2023 10:15	52402 GRPA_T2	2	0	-2	0.1	0	-0.1	0	0	0	0	0	0	0	0
6/24/2023 10:27	11104 EGYP_T1	0	5	5	0	0	0	0	0	0	0	0	0	0	0
6/24/2023 10:27	45003 LIME_2	2	2	0	1	2	1	0	0	1	1	0	1200	1200	0
6/24/2023 10:27	48901 FOSP_T2	0	0	0	0	0	0	-0.41	-0.41	1	1	0	600	600	0
6/24/2023 10:27	25402 LAHA_T2	0	0	0	0	0	0	-0.64	-0.62	0	0	0	0	0	0
6/24/2023 10:27	45602 WOOL_T1	0	0	0	0	0	0	0.61	0.62	0	0	0	0	0	0
6/24/2023 11:27	28604 BLYT_T2	0	0	0	0	0	0	-1.14	-1.13	0	0	0	0	0	0
6/24/2023 11:36	28601 BLYT_T2	1	1	0	2.8	3	0.2	0	0	0	0	0	0	0	0
6/24/2023 11:47	20401 ASHF_T2	0	0	0	0.1	0	-0.1	0	0	0	0	0	0	0	0
6/24/2023 13:32	56802 BENV_T2	0	0	0	0	0	0	-1.02	-1.01	0	0	0	0	0	0
6/24/2023 14:08	58803 COCO_T1	1	2	1	1.3	0.55	-0.75	-0.07	-0.11	1	1	0	600	600	0
6/24/2023 14:13	46301 ROHR_T1	0	1	1	0	0	0	0	0	0	0	0	0	0	0
6/24/2023 14:52	10602 BLGL_T2	1	1	0	9.2	8.7	-0.5	0.48	0.5	0	0	0	0	0	0
6/24/2023 15:02	65604 QVIL_T2	0	0	0	0	0	0	0.25	0.25	0	0	0	0	0	0
6/24/2023 15:09	64301 LINC_T1	0	0	0	0	0	0	0.14	0.14	1	1	0	600	600	0
6/24/2023 15:23	52502 PROG_T2	0	0	0	0	0	0	-0.04	-0.04	1	1	0	900	900	0
6/24/2023 15:31	25402 LAHA_T2	0	0	0	0	0	0	-0.22	-0.51	0	0	0	0	0	0
6/24/2023 16:09	44801 EDAN_T2	4	1	-3	2	1.3	-0.7	0	0	0	0	0	0	0	0
6/24/2023 16:28	15001 BLMO_T1	2	2	0	0.25	0.5	0.25	0	0	0	0	0	0	0	0
6/24/2023 16:30	10805 CHHI_T2	1	2	1	9	9	0	-0.93	-0.95	1	1	0	600	600	0
6/24/2023 16:33	47403 PENS_T1	1	1	0	2	2.2	0.2	0	0	0	0	0	0	0	0
6/24/2023 16:39	42201 SHEN_T2	0	0	0	0	0	0	0.65	0.66	0	0	0	0	0	0
6/24/2023 16:50	66505 SMAN_T2	0	1	1	0	0	0	0.03	0.13	4	3	-1	2300	2100	-200
6/24/2023 16:54	42201 SHEN_T2	0	0	0	0	0	0	0.66	0.66	0	0	0	0	0	0
6/24/2023 16:57	64201 KINZ_T1	0	0	0	0	0	0	-0.41	-0.44	2	2	0	1200	1200	0
6/24/2023 17:12	58803 COCO_T1	2	3	1	1.25	1.9	0.65	-0.57	-0.16	1	1	0	600	600	0
6/24/2023 17:14	66504 SMAN_T2	0	0	0	0	0	0	-1.28	-1.37	2	2	0	2400	2400	0
6/24/2023 17:28	64204 KINZ_T1	0	1	1	0	1.2	1.2	0	0	0	0	0	0	0	0
6/24/2023 17:51	41602 CLEV_T1	4	4	0	0.98	1.2	0.22	0	0	3	3	0	1800	1800	0
6/24/2023 17:54	61202 REIN_T1	0	0	0	0	0	0	0	0	1	1	0	900	900	0
6/24/2023 17:55	52502 PROG_T2	0	0	0	0	0	0	0.01	0.02	1	1	0	900	900	0
6/24/2023 17:55	55101 WERT_T1	0	0	0	0	0	0	-2.19	-2.18	4	4	0	3300	3300	0
6/24/2023 17:55	43202 MVIL_T2	0	0	0	0	0	0	-0.59	-0.59	0	0	0	0	0	0
6/24/2023 17:55	67503 WEWI_T2	0	0	0	0	0	0	0.28	0.26	0	0	0	0	0	0
6/24/2023 17:56	52403 GRPA_T2	1	1	0	1.5	0.3	-1.2	-0.48	-0.49	0	0	0	0	0	0
6/24/2023 17:56	59101 WALK_T2	0	0	0	0	0	0	0.74	0.76	2	2	0	1050	1050	0
6/24/2023 17:56	14403 SSLA_T1	0	0	0	0	0	0	0.7	0.7	1	1	0	600	600	0
6/24/2023 17:57	47402 PENS_T1	0	1	1	0	0	0	0	0	0	0	0	0	0	0
6/24/2023 17:57	63404 HONY_T1	2	2	0	7.6	8.2	0.6	0	0	0	0	0	0	0	0
6/24/2023 17:57	42701 AUGU_T1	2	2	0	1	0	-1	0	0	2	2	0	1800	1800	0
6/24/2023 17:58	64101 REFR_T1	0	0	0	0	0	0	-0.25	-0.27	0	0	0	0	0	0
6/24/2023 17:58	12701 MACU_T1	1	0	-1	0.2	0	-0.2	-0.9	-0.89	1	1	0	1200	1200	0
6/24/2023 17:59	64801 MONE_T2	0	1	1	0	0.1	0.1	-0.28	-0.29	0	0	0	0	0	0
6/24/2023 17:59	59101 WALK_T2	0	0	0	0	0	0	0.74	0.76	2	2	0	1050	1050	0
6/24/2023 18:00	46001 BERW_T1	0	0	0	0	0	0	-0.1	-0.12	0	0	0	0	0	0
6/24/2023 18:02	61202 REIN_T1	0	0	0	0	0	0	0	0	1	1	0	900	900	0
6/24/2023 18:03	67503 WEWI_T2	0	0	0	0	0	0	0.28	0.26	0	0	0	0	0	0
6/24/2023 18:04	59101 WALK_T2	0	0	0	0	0	0	0.76	0.94	2	2	0	1050	1050	0
6/24/2023 18:04	15001 BLMO_T1	1	2	1	0.9	0.4	-0.5	0	0	0	0	0	0	0	0
6/24/2023 18:05	64201 KINZ_T1	0	0	0	0	0	0	-0.55	-0.51	2	2	0	1200	1200	0
6/24/2023 18:06	29402 BELT_T1	86	1	-85	0.96	0	-0.96	0	0	0	0	0	0	0	0
6/24/2023 18:09	47401 PENS_T1	0	0	0	0	0	0	0.16	0.09	0	0	0	0	0	0
6/24/2023 18:09	44502 HAMI_T2	1	1	0	1.6	2	0.4	-0.61	-0.59	0	0	0	0	0	0
6/24/2023 18:10	61802 EELI_T2	4	4	0	0.18	0.1	-0.08	0	0	0	0	0	0	0	0
6/24/2023 18:11	29402 BELT_T1	86	1	-85	0.96	0	-0.96	0	0	0	0	0	0	0	0
6/24/2023 18:12	59101 WALK_T2	0	0	0	0	0	0	1.51	1.88	4	4	0	2

Appendix C - Grid Benefits Achieved in Each Instance of Active Management

6/25/2023 1:37	40901 JESH_T1	0	1	1	0	0	0	0	0	0	0	0	0	0
6/25/2023 1:38	12701 MACU_T1	0	0	0	0	0	0	-1.17	-1.18	1	1	0	1200	1200
6/25/2023 1:40	63803 HEMP_T1	58	111	53	0.15	0.27	0.12	0	0	0	0	0	0	0
6/25/2023 1:40	43202 MVIL_T2	0	0	0	0	0	0	-0.7	-0.7	0	0	0	0	0
6/25/2023 1:40	65604 QVIL_T2	19	81	62	0.38	0.34	-0.04	0.05	0.04	0	0	0	0	0
6/25/2023 1:41	47403 PENS_T1	1	1	0	2.6	2.7	0.1	0	0	0	0	0	0	0
6/25/2023 1:41	42701 AUGU_T1	0	1	1	0	0.2	0.2	0	0	2	2	0	1800	1800
6/25/2023 1:41	20403 ASHF_T2	1	0	-1	1.4	0	-1.4	0.21	0.21	0	0	0	0	0
6/25/2023 1:41	67503 WEWI_T2	0	0	0	0	0	0	-0.22	-0.23	0	0	0	0	0
6/25/2023 1:42	15001 BLMO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
6/25/2023 1:43	29401 BELT_T1	0	0	0	0	0	0	0	0	1	1	0	900	900
6/25/2023 1:43	44502 HAMI_T2	1	1	0	3.2	3.4	0.2	-0.86	-0.88	0	0	0	0	0
6/25/2023 1:44	59101 WALK_T2	0	0	0	0	0	0	1.21	1.1	0	0	0	0	0
6/25/2023 1:46	16302 ALPA_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
6/25/2023 1:46	46001 BERW_T1	0	0	0	0	0	0	0.67	0.66	0	0	0	0	0
6/25/2023 1:47	47401 PENS_T1	0	0	0	0	0	0	0.9	0.86	0	0	0	0	0
6/25/2023 1:48	64203 KINZ_T1	2	0	-2	0.1	0	-0.1	0	0	0	0	0	0	0
6/25/2023 1:48	42201 SHEN_T2	0	1	1	0	0.1	0.1	0.48	0.48	0	0	0	0	0
6/25/2023 1:48	66505 SMAN_T2	0	0	0	0	0	0	0.3	0.18	1	1	0	900	900
6/25/2023 1:49	52502 PROG_T2	0	0	0	0	0	0	0.45	0.43	0	0	0	0	0
6/25/2023 1:49	59101 WALK_T2	0	0	0	0	0	0	1.1	1.08	0	0	0	0	0
6/25/2023 1:50	61801 EELI_T2	0	0	0	0	0	0	-0.32	-0.3	0	0	0	0	0
6/25/2023 1:50	29402 BELT_T1	99	130	31	0.8	0.87	0.07	0	0	0	0	0	0	0
6/25/2023 1:50	45602 WOOL_T1	0	0	0	0	0	0	0.49	0.47	0	0	0	0	0
6/25/2023 1:51	59101 WALK_T2	0	0	0	0	0	0	1.1	1.08	0	0	0	0	0
6/25/2023 1:52	56801 BENV_T1	31	41	10	1.52	1.34	-0.18	-0.7	-0.71	1	1	0	600	600
6/25/2023 1:56	47403 PENS_T1	1	1	0	2.6	2.7	0.1	0	0	0	0	0	0	0
6/25/2023 1:57	66504 SMAN_T2	0	0	0	0	0	0	-0.62	-0.64	0	0	0	0	0
6/25/2023 2:06	59101 WALK_T2	0	0	0	0	0	0	1.08	1.24	0	0	0	0	0
6/25/2023 2:32	42001 MNVL_T2	0	0	0	0	0	0	0.1	0.09	0	0	0	0	0
6/25/2023 3:22	10602 BLGI_T2	0	0	0	0	0	0	0.4	0.39	0	0	0	0	0
6/25/2023 3:22	15001 BLMO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
6/25/2023 4:12	14403 SSLA_T1	0	0	0	0	0	0	0.7	0.7	0	0	0	0	0
6/25/2023 4:30	66505 SMAN_T2	0	0	0	0	0	0	0.14	0.25	1	1	0	900	900
6/25/2023 5:29	67502 WEWI_T2	0	0	0	0	0	0	-1.56	-1.53	1	1	0	900	900
6/25/2023 8:54	54501 ENOL_T2	0	0	0	0	0	0	-0.25	-0.31	0	0	0	0	0
6/25/2023 10:00	67605 WARW_T1	1	1	0	0.3	0.2	-0.1	0	0	0	0	0	0	0
6/25/2023 10:00	59101 WALK_T2	0	0	0	0	0	0	1.48	1.14	1	1	0	450	450
6/25/2023 10:00	56601 HAMP_T1	0	0	0	0	0	0	-0.07	-0.09	0	0	0	0	0
6/25/2023 10:00	45602 WOOL_T1	0	1	1	0	0	0	0.63	0.67	0	0	0	0	0
6/25/2023 10:00	56802 BENV_T2	0	0	0	0	0	0	-1.15	-1.12	0	0	0	0	0
6/25/2023 10:00	58803 COCO_T1	2	2	0	1.35	1.35	0	-0.95	-0.89	1	1	0	600	600
6/25/2023 10:00	12606 MACA_T1	0	3	3	0	0	0	0	0	0	0	0	0	0
6/25/2023 13:05	47401 PENS_T1	1	0	-1	0.1	0	-0.1	0.25	0.3	0	0	0	0	0
6/25/2023 13:05	45602 WOOL_T1	0	0	0	0	0	0	0.94	0.95	0	0	0	0	0
6/25/2023 13:06	59101 WALK_T2	3	5	2	0.5	0.2	-0.3	1.28	1.46	1	1	0	450	450
6/25/2023 13:08	11102 EGYP_T1	3	3	0	1.27	0.9	-0.37	0	0	0	0	0	0	0
6/25/2023 13:21	15001 BLMO_T1	1	1	0	0.2	0.2	0	0	0	0	0	0	0	0
6/25/2023 13:28	15001 BLMO_T1	1	1	0	0.2	0.2	0	0	0	0	0	0	0	0
6/25/2023 14:00	52403 GRPA_T2	3	3	0	0.43	0	-0.43	-0.24	-0.22	0	0	0	0	0
6/25/2023 14:02	60101 COCA_T1	2	4	2	0.7	1.05	0.35	-0.47	-0.46	1	1	0	1200	1200
6/25/2023 14:04	63403 HONY_T2	4	4	0	0.18	0.45	0.27	-0.62	-0.61	1	1	0	600	600
6/25/2023 14:17	47403 PENS_T1	0	2	2	0	2.5	2.5	0	0	0	0	0	0	0
6/25/2023 14:25	41602 CLEV_T1	12	28	16	0.47	0.46	-0.01	0	0	3	3	0	1800	1800
6/25/2023 14:28	44801 EDAN_T2	1	1	0	1	0.9	-0.1	0	0	0	0	0	0	0
6/25/2023 14:31	52502 PROG_T2	0	0	0	0	0	0	0.12	0.17	1	1	0	900	900
6/25/2023 14:41	66505 SMAN_T2	1	1	0	0.7	1.2	0.5	0.26	0.05	4	4	0	2300	2300
6/25/2023 14:43	61202 REIN_T1	0	0	0	0	0	0	0	0	1	1	0	900	900
6/25/2023 14:48	40502 CRES_T2	0	2	2	0	0.1	0.1	-0.31	-0.29	0	0	0	0	0
6/25/2023 14:48	28403 HART_T2	1	8	7	7.1	7	-0.1	-0.3	-0.33	1	1	0	900	900
6/25/2023 14:49	63404 HONY_T1	5	8	3	3.36	3.16	-0.2	0	0	0	0	0	0	0
6/25/2023 14:50	14403 SSLA_T1	1	2	1	2.8	2.1	-0.7	0.92	0.95	1	1	0	600	600
6/25/2023 14:51	64204 KINZ_T1	1	1	0	0.1	0.4	0.3	0	0	0	0	0	0	0
6/25/2023 15:02	10805 CHHI_T2	40	58	18	0.62	0.35	-0.27	-0.72	-0.68	1	1	0	600	600
6/25/2023 15:04	11102 EGYP_T1	7	5	-2	0.67	0.8	0.13	0	0	0	0	0	0	0
6/25/2023 15:04	16302 ALPA_T2	3	0	-3	0.37	0	-0.37	-0.26	-0.27	0	0	0	0	0
6/25/2023 15:05	12701 MACU_T1	1	3	2	0.9	0.4	-0.5	-0.72	-0.73	1	1	0	1200	1200
6/25/2023 15:09	52502 PROG_T2	0	0	0	0	0	0	0.13	0.13	1	1	0	900	900
6/25/2023 15:14	15001 BLMO_T1	3	2	-1	0.2	0.2	0	0	0	0	0	0	0	0
6/25/2023 15:39	55101 WERT_T1	0	0	0	0	0	0	-1.92	-2.03	3	3	0	2400	2400
6/25/2023 16:23	52502 PROG_T2	0	1	1	0	0	0	0.22	0.27	1	1	0	900	900
6/25/2023 16:30	15001 BLMO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
6/25/2023 16:40	61801 EELI_T2	1	1	0	0.8	0.5	-0.3	-0.82	-0.88	2	2	0	1200	1200
6/25/2023 16:42	52404 GRPA_T2	0	2	2	0	0	0	0	0	0	0	0	0	0
6/25/2023 19:15	42201 SHEN_T2	0	0	0	0	0	0	0.69	0.69	0	0	0	0	0
6/25/2023 19:21	42201 SHEN_T2	0	0	0	0	0	0	0.69	0.7	0	0	0	0	0
6/25/2023 19:23	54501 ENOL_T2	0	0	0	0	0	0	-0.84	-0.87	2	2	0	1500	1500
6/25/2023 19:25	58803 COCO_T1	2	2	0	0.65	2.2	1.55	-0.44	-0.52	1	1	0	600	600
6/25/2023 19:36	66505 SMAN_T2	1	2	1	0.4	0	-0.4	0	0	0	0	0	0	0
6/25/2023 19:38	66505 SMAN_T2	1	2	1	0.4	0	-0.4	0	0	0	0	0	0	0
6/25/2023 19:42	64203 KINZ_T1	0	0	0	0	0	0	-1.38	-1.41	2	2	0	1800	1800
6/25/2023 19:50	64101 REFR_T1	0	0	0	0	0	0	-0.05	-0.09	0	0	0	0	0
6/25/2023 19:52	67503 WEWI_T2	0	0	0	0	0	0	-0.21	-0.25	0	0	0	0	0
6/25/2023 19:58	59101 WALK_T2	0	6	6	0	0	0	1.02	1.25	2	1	-1	1050	450
6/25/2023 20:01	59101 WALK_T2	0	12	12	0	0.3	0.3	1.02	1.25	1	1	0	450	450
6/25/2023 20:19	46302 ROHR_T1	3	1	-2	1.33	1.5	0.17	-0.34	-0.34	0	0	0	0	0
6/25/2023 20:35	42701 AUGU_T1	0	0	0	0	0	0	0	0	2	2	0	1800	1800
6/25/2023 20:37	55101 WERT_T1	0	0	0	0	0	0	-1.61	-1.76	3	3	0	2400	2400
6/25/2023 20:38	59101 WALK_T2	9	2	-7	0.53	0	-0.53	1.33	1.35	1	1	0	450	450
6/25/2023 20:39	55101 WERT_T1	0	0	0	0	0	0	-1.61	-1.76	3	3	0	2400	2400
6/25/2023 20:42	16302 ALPA_T2	0	0	0	0	0	0	-0.59	-0.57	0	0	0	0	0
6/25/2023 20:43	44801 EDAN_T2	1	1	0	0.9	0.7	-0.2	0	0	0	0	0	0	0
6/25/2023 20:44	47403 PENS_T1	1	1	0	2.5	2.6	0.1	0	0	0	0	0	0	0
6/25/2023 20:44	16302 ALPA_T2	0	0	0	0	0	0	-0.59	-0.57	0	0	0	0	0
6/25/2023 20:46	41602 CLEV_T1	1	0	-1	0.4	0	-0.4	0	0	3	3	0	1800	1800
6/25/2023 20:48	43301 WATS_T2	0	0	0	0	0	0	-0.19	-0.23	1	1	0	900	900
6/25/2023 20:49	28403 HART_T2	1	1	0	6.3	6.3	0	-0.4	-0.39	1	1	0	900	900
6/25/2023 20:49	61202 REIN_T1	0	0	0	0	0	0	0	0	1	1	0	900	900
6/25/2023 20:50	66505 SMAN_T2	0	0	0	0	0	0	0.07	-0.08	3	3	0	2100	2100
6/25/2023 20:54	14403 SSLA_T1	0	0	0	0	0	0	1.03	1.03	0	0	0	0	0
6/25/2023 20:54	64203 KINZ_T1	0	6	-6	0	0.13	0.13	0	0	0	0	0	0	0
6/25/2023 20:54	67503 WEWI_T2	0	0	0	0	0	0	-0.35	0.36	0	0	0	0	0
6/25/2023 0:28	44802 EDAN_T2	0	0	0	0	0	0	-3.88	-3.92	2	2	0	2400	2400
6/25/2023 0:28	61202 REIN_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
6/25/2023 0:28	15001 BLMO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
6/25/2023 0:28	64201 KINZ_T1	1	1	0	0.6	1.7	1.1	0	0	0	0	0	0	0
6/25/2023 0:28	60101 COCA_T1	0	0	0	0	0	0	0.48	0.45	0	0	0	0	0
6/25/2023 0:28	10805 CHHI_T2	1	1	0	7.8	7.8	0	-1.19	-1.23	1	1	0	600	600
6/25/2023 0:28	54501 ENOL_T2	0	0	0	0	0	0	-0.31	-0.28	1	1	0	600	600
6/25/2023 0:28	66504 SMAN_T2	0	0	0	0	0	0	-2.62	-2.64	2	2	0	2400	2400
6/25/2023 0:28	67503 WEWI_T2	0	0	0	0	0	0	0.01	0.01	0	0	0	0	0
6/25/2023 0:28	43301 WATS_T2	0	0	0	0	0	0	-0.49	-0.5	1	1	0	900	900
6/26/2023 1:20	52402 GRPA_T2	1	1	0	0.2	0.4	0.2	0	0	0	0	0	0	0
6/26/2023 1:22	42201 SHEN_T2	0	0	0	0	0	0	0.55	0.55	0	0	0	0	0
6/26/2023 1:35	42201 SHEN_T2	0	0	0	0	0	0	0.55	0.53	0	0	0	0	0
6/26/2023 1:38	52403 GRPA_T2	0	0	0	0	0	0	0.06	0.06	0	0	0	0	0
6/26/2023 1:38	58803 COCO_T1	2	2	0	3.5	3.8	0.3	-2.09	-2.15	0	0	0	0	0
6/26/2023 1:45	58803 COCO_T1	2	2	0	3.75	3.85	0.1	-2.09	-2.15	0	0	0	0	0
6/26/2023 1:50	67503 WEWI_T2	0	0	0	0	0	0	-0.23	-0.06	0	0	0	0	0
6/26/2023 1:52	64101 REFR_T1	0	0	0	0	0	0	0.33	0.32	0	0	0	0	0
6/26/2023 2:01	67503 WEWI_T2	0	0	0	0	0	0	-0.23	-0.06	0	0	0	0	0
6/26/2023 2:01	59101 WALK_T2	0	0	0	0	0	0	0.86	0.8	1	0	-1	450	0	-450
6/26/2023 2:03	15001 BLMO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
6/26/2023 2:06	15001 BLMO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
6/26/2023 2:06	59101 WALK_T2	0	0	0	0	0	0	0.8	1.37	1	0	-1	450	0	-450
6/26/2023 2:07	59101 WALK_T2	0	0	0	0	0	0	0.8	1.37	1	0	-1	450	0	-450
6/26/2023 2:21	59101 WALK_T2	0	0	0	0	0	0	1.37	1.26	0	0	0	0	0	0
6/26/2023 2:24	46302 ROHR_T1	3	3	0	0.5	0.77	0.27	0.14	0.13	0	0	0	0	0	0
6/26/2023 2:30	52403 GRPA_T2	0	0	0	0	0	0	0.05	0.02	0	0	0	0	0	0
6/26/2023 2:30	55101 WERT_T1	0	0	0	0	0	0	-1.31	-1.32	2	2	0	1500	1500
6/26/2023 2:33	63402 HONY_T2	1	1	0	1.4	1.3	-0.1	0	0	0	0	0	0	0
6/26/2023 2:37	59101 WALK_T2	0	0	0	0	0	0	1.26	1.39	0	0	0	0	0
6/26/2023 2:39	63402 HONY_T2	1	1	0	1.4	1.3	-0.1	0	0	0	0	0	0	0
6/26/2023 2:41	45602 WOOL_T1	0	0	0	0	0	0	0.52	0.52	0	0	0	0	0
6/26/2023 2:42	59101 WALK_T2	0	0	0	0	0	0	1.26	1.39	0	0	0	0	0
6/26/2023 2:42	47401 PENS_T1	0	0	0	0	0	0	0.05	0	0	0	0	0	0
6/26/2023 2:44	52402 GRPA_T2	1	1	0	0.8	0.8	0	0	0	0	0	0	0	0
6/26/2023 2:44	59101 WALK_T2	0	0	0	0	0	0	1.26	1.39	0	0	0	0	0
6/26/2023 2:46	59101 WALK_T2	0	0	0	0	0	0	1.26	1.39	0	0	0	0	0
6/26/2023 2:46	45602 WOOL_T1	0	0	0	0	0	0	0.52	0.52	0	0	0	0	0
6/26/2023 2:50	55101 WERT_T1	0	0	0	0	0	0	-1.3	-1.3	2	2	0	1500	1500
6/26/2023 2:57	52502 PROG_T2	0	0	0	0	0	0	0.38	0.42	0	0	0	0	0
6/26/2023 2:59	47401 PENS_T1	0	0	0	0	0	0	0	0.06	0	0	0	0	0
6/26/2023 3:00	66505 SMAN_T2	0	0	0	0	0	0	0.64	0.64	1	1	0	900	900
6/26/2023 3:00	41602 CLEV_T1	0	0	0	0	0	0	0	0	3	3	0	1800	1800
6/26/2023 3:00	52502 PROG_T2	0	0	0	0	0	0	0.38	0.42	0	0	0	0	0
6/26/2023 3:02	61801 EELI_T2	0	0	0	0	0	0	-0.18	-0.12	0	0	0	0	0
6/26/2023 3:03	42701 AUGU_T1	0	0	0	0	0	0	0	0	2	2	0	1800	1800
6/26/2023 3:06	42701 AUGU_T1	0	0	0	0	0	0	0	0	2	2	0	1800	1800
6/26/2023 3:09	40502 CRES_T2	10	12	2	0.19	0.15	-0.04	-0.43	-0.4	0	0	0	0	0
6/26/2023 3:11	41602 CLEV_T1	0	0	0	0	0	0	0	0	3	3	0	1800	1800
6/26/2023 3:12	61801 EELI_T2	0	0	0	0	0	0	-0.12	-0.12	0	0	0	0	0
6/26/2023 3:15	64201 KINZ_T1	7	88	81	0.37	0.28	-0.09	-0.34	-0.32	1	1	0	900	900
6/26/2023 3:16	66505 SMAN_T2	0	0	0	0	0	0	0.64	0.6	1	1	0	900	900
6/26/2023 3:19	63404 HONY_T1	2	2	0	8.35	8.45	0.1	0	0	0	0	0	0	0
6/26/2023 3:20	28403 HART_T2	1	1	0	7.1	7.1	0	-0.7	-0.71	1	1	0	900	900
6/26/2023 3:26	40502 CRES_T2	12	0	-12	0.15	0	-0.15	-0.4	-0.41	0	0	0	0	0
6/26/2023 3:27	14403 SSLA_T1	0	0	0	0	0	0	0.69	0.67	0	0	0	0	0
6/26/2023 3:30	28403 HART_T2	1	1	0	7.1	7.1	0	-0.7	-0.71	1	1	0	900	900
6/26/2023 3:33	64202 KINZ_T1	3	14	11	0.53	0.28	-0.25	0	0	0	0	0	0	0
6/26/2023 3:35	11104 EGYP_T1	0	0	0	0	0	0	0.46	0.44	0	0	0	0	0
6/26/2023 3:37	63404 HONY_T1	2	2	0	8.4	8.55	0.15	0	0	0	0	0	0	0
6/26/2023 3:38	14403 SSLA_T1	0	0	0	0	0	0	0.67	0.69	0	0	0	0	0
6/26/2023 3:39	12701 MACU_T1	0	0	0	0	0	0	0.05	0.07	0	0	0	0	0
6/26/2023 3:41	11104 EGYP_T1	0	0	0	0	0	0	0.46	0.44	0	0	0	0	0
6/26/2023 3:41	16302 ALPA_T2	0	0	0	0	0	0	0.56	0.56	0	0	0	0	0
6/26/2023 3:42	12701 MACU_T1	0	0	0	0	0	0	0.05	0.07	0	0	0	0	0
6/26/2023 3:43	52502 PROG_T2	0	0	0	0	0	0	0.43	0.39	0	0	0	0	0
6/26/2023 3:44	16302 ALPA_T2	0	0	0	0	0	0	0.56	0.56	0	0	0	0	0
6/26/2023 3:46	11104 EGYP_T1	0	0	0	0	0	0	0.46	0.44	0	0	0	0	0
6/26/2023 3:54	52502 PROG_T2	0	0	0	0	0	0	0.39	0.38	0	0	0	0	0
6/26/2023 3:55	47401 PENS_T1	0	0	0	0	0	0	0.85	0.92	0	0	0	0	0
6/26/2023 3:58	15001 BLMO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
6/26/2023 4:01	11104 EGYP_T1	0	0	0	0	0	0	0.44	0.42	0	0	0	0	0
6/26/2023 4:02	15001 BLMO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
6/26/2023 4:06	55101 WERT_T1	0	0	0	0	0	0	-1.34	-1.37	2	2	0	1500	1500
6/26/2023 4:17	55101 WERT_T1	0	0	0	0	0	0	-1.34	-1.37	2	2	0	1500	1500
6/26/2023 4:58	11104 EGYP_T1	0	0	0	0	0	0	0.44	0.45	0	0	0	0	0
6/26/2023 5:18	41602 CLEV_T1	0	0	0	0	0	0	0	0	3	3	0	1800	1800
6/26/2023 5:24	55101 WERT_T1	0	0	0	0	0	0	-2.02	-1.9	3	3	0	2400	2400
6/26/2023 5:30	52403 GRPA_T2	0	0	0	0	0	0	-0.51	-0.49	0	0	0	0	0
6/26/2023 5:35	64201 KINZ_T1	1	1	0	0.3	0.8	0.5	-0.6	-0.57	1	2	1	300	1200	900
6/26/2023 5:35	11104 EGYP_T1	0	0	0	0	0	0	0.45	0.46	0	0	0	0	0	0
6/26/2023 5:37	52502 PROG_T2	0	0	0	0	0	0	0.34	-0.61	0	1	1	0	900	900
6/26/2023 5:38	59101 WALK_T2	0	0	0	0	0	0	1.45	1.55	0	0	0	0	0	0
6/26/2023 5:38	15001 BLMO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
6/26/2023 5:38	58803 COCO_T1	2	2	0	3.7	3.9	0.2	-2.19	-2.12	0	0	0	0	0	0
6/26/2023 5:39	63404 HONY_T1	2	2	0	8	8.25	0.25	0

Appendix C - Grid Benefits Achieved in Each Instance of Active Management

6/26/2023 10:00	64203 KINZ_T1	1	1	0	0.3	0.7	0.4	-0.03	-0.15	3	3	0	2100	2100	0
6/26/2023 10:00	40502 CRES_T2	0	0	0	0	0	0	-0.6	-0.6	0	0	0	0	0	0
6/26/2023 10:00	10805 CHNI_T2	6	8	2	1.6	1.65	0.05	-1.06	-0.85	2	2	0	1800	1800	0
6/26/2023 10:00	66505 SMAN_T2	0	0	0	0	0	0	0.3	0.3	4	4	0	2300	2300	0
6/26/2023 10:00	52503 PROG_T2	0	0	0	0	0	0	-0.45	-0.38	1	1	0	900	900	0
6/26/2023 10:00	63403 HONY_T2	1	0	-1	0.1	0	-0.1	-0.25	-0.15	1	1	0	600	600	0
6/26/2023 10:00	52403 GRPA_T2	1	0	-1	0.2	0	-0.2	0.7	0.84	0	0	0	0	0	0
6/26/2023 10:00	52502 PROG_T2	0	0	0	0	0	0	-0.42	-0.34	1	1	0	900	900	0
6/26/2023 10:00	43301 WATS_T2	0	0	0	0	0	0	-0.49	-0.35	1	1	0	900	900	0
6/26/2023 10:00	11104 EGYP_T1	0	0	0	0	0	0	1.54	1.54	0	0	0	0	0	0
6/26/2023 10:00	64801 MONE_T2	0	0	0	0	0	0	0.54	0.58	0	0	0	0	0	0
6/26/2023 10:00	56601 HAMP_T1	0	0	0	0	0	0	-0.11	-0.17	0	0	0	0	0	0
6/26/2023 10:00	61801 EEU_T2	0	0	0	0	0	0	-0.74	-0.82	2	2	0	1200	1200	0
6/26/2023 10:00	64201 KINZ_T1	0	0	1	0	0	0	-0.91	-0.81	4	4	0	2700	2700	0
6/26/2023 10:00	61202 REIN_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
6/26/2023 10:00	42201 SHEN_T2	0	0	0	0	0	0	0.62	0.68	0	0	0	0	0	0
6/26/2023 10:00	45602 WOOL_T1	0	0	0	0	0	0	0.73	0.78	0	0	0	0	0	0
6/26/2023 10:00	67503 WEWI_T2	0	0	0	0	0	0	0.35	0.33	0	0	0	0	0	0
6/26/2023 10:00	66505 SMAN_T2	0	0	0	0	0	0	0.3	0.3	4	4	0	2300	2300	0
6/26/2023 10:00	12605 MACA_T1	1	1	0	0.7	0.7	0	0	0	0	0	0	0	0	0
6/26/2023 10:00	64101 REFR_T1	0	0	0	0	0	0	0.18	0.2	0	0	0	0	0	0
6/26/2023 10:00	44801 EDAN_T2	1	1	0	0.6	0.3	-0.3	0	0	0	0	0	0	0	0
6/26/2023 10:00	67604 WARW_T1	0	0	0	0	0	0	0.22	0.22	0	0	0	0	0	0
6/26/2023 10:00	14403 SSLA_T1	0	0	0	0	0	0	1.2	1.22	0	0	0	0	0	0
6/26/2023 10:00	55101 WERT_T1	0	0	0	0	0	0	-1.77	-1.81	4	4	0	3300	3300	0
6/26/2023 10:00	58803 COCO_T1	2	2	0	1.4	1.4	0	-0.43	-0.41	0	0	0	0	0	0
6/26/2023 10:00	41602 CLEV_T1	1	0	-1	0.3	0	-0.3	0	0	3	3	0	1800	1800	0
6/26/2023 10:00	59101 WALK_T2	0	0	0	0	0	0	5.36	6.08	0	0	0	0	0	0
6/26/2023 10:00	42701 AUGU_T1	0	0	0	0	0	0	0	0	2	2	0	1800	1800	0
6/26/2023 10:00	54501 ENOL_T2	0	0	0	0	0	0	-0.33	-0.28	1	1	0	600	600	0
6/26/2023 10:07	15001 BLMO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
6/26/2023 10:21	55101 WERT_T1	0	0	0	0	0	0	-1.73	-1.45	4	4	0	3300	3300	0
6/26/2023 11:01	56802 BENV_T2	1	1	0	0.8	0.5	-0.3	-1.03	-0.97	0	0	0	0	0	0
6/26/2023 11:23	28604 BLYT_T2	0	0	0	0	0	0	-1.07	-1.04	0	0	0	0	0	0
6/26/2023 11:31	47401 PENS_T1	0	0	0	0	0	0	0.35	0.33	0	0	0	0	0	0
6/26/2023 11:33	29401 BELT_T1	0	0	0	0	0	0	0	0	1	1	0	900	900	0
6/26/2023 11:35	41801 GOCI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
6/26/2023 11:43	20401 ASHF_T2	0	1	1	0	0	0	0	0	0	0	0	0	0	0
6/26/2023 11:44	66505 SMAN_T2	0	0	0	0	0	0	0.33	0.26	4	4	0	2300	2300	0
6/26/2023 11:45	41601 CLEV_T1	0	1	1	0	9.8	9.8	0	0	0	0	0	0	0	0
6/26/2023 11:45	64204 KINZ_T1	1	1	0	0.8	0.9	0.1	0	0	0	0	0	0	0	0
6/26/2023 11:46	59102 WALK_T2	0	1	1	0	0.3	0.3	0	0	0	0	0	0	0	0
6/26/2023 11:47	63402 HONY_T2	1	1	0	0.3	0.2	-0.1	0	0	0	0	0	0	0	0
6/26/2023 11:47	53501 EVIL_T2	0	0	0	0	0	0	-1.11	-0.87	3	3	0	2100	2100	0
6/26/2023 11:48	56802 BENV_T2	1	1	0	0.4	0.1	-0.3	-1	-0.91	0	0	0	0	0	0
6/26/2023 11:48	15001 BLMO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
6/26/2023 11:48	60701 BREC_T1	0	0	0	0	0	0	0.01	0.01	2	2	0	1200	1200	0
6/26/2023 11:48	67502 WEWI_T2	0	0	0	0	0	0	-0.43	-0.52	1	1	0	900	900	0
6/26/2023 11:49	65604 QVIL_T2	0	0	0	0	0	0	0.49	0.51	0	0	0	0	0	0
6/26/2023 11:50	45602 WOOL_T1	0	0	0	0	0	0	0.9	0.92	0	0	0	0	0	0
6/26/2023 11:51	66505 SMAN_T2	0	0	0	0	0	0	0.26	0.33	4	4	0	2300	2300	0
6/26/2023 11:51	56803 BENV_T1	2	4	2	1	0.7	-0.3	0	0	0	0	0	0	0	0
6/26/2023 11:51	63404 HONY_T1	6	3	-3	2.52	4.57	2.05	0	0	0	0	0	0	0	0
6/26/2023 11:52	59101 WALK_T2	0	1	1	0	0	0	1.79	1.75	1	1	0	600	600	0
6/26/2023 11:52	10805 CHNI_T2	1	1	0	8.5	8	-0.5	-1.45	-1.54	2	2	0	1800	1800	0
6/26/2023 11:52	67503 WEWI_T2	0	0	0	0	0	0	0.32	0.37	0	0	0	0	0	0
6/26/2023 11:53	53501 EVIL_T2	0	0	0	0	0	0	-0.87	-1.02	3	3	0	2100	2100	0
6/26/2023 11:53	28403 HART_T2	1	1	0	8.5	7.5	-1	-0.5	-0.48	1	1	0	900	900	0
6/26/2023 11:55	66703 STRA_T1	0	0	0	0	0	0	0.6	0.63	0	0	0	0	0	0
6/26/2023 11:55	52502 PROG_T2	0	0	0	0	0	0	-0.13	-0.08	1	1	0	900	900	0
6/26/2023 11:56	61202 REIN_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
6/26/2023 11:56	59102 WALK_T2	0	1	1	0	0.3	0.3	0	0	0	0	0	0	0	0
6/26/2023 11:57	64301 LINC_T1	0	0	0	0	0	0	-0.31	-0.13	1	1	0	600	600	0
6/26/2023 11:58	16302 ALPA_T2	0	0	0	0	0	0	-0.09	-0.07	0	0	0	0	0	0
6/26/2023 11:58	15001 BLMO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
6/26/2023 11:59	56802 BENV_T2	1	1	0	0.4	0.1	-0.3	-0.91	-0.88	0	0	0	0	0	0
6/26/2023 11:59	40101 HUNT_T2	4	14	10	0.38	0.43	0.05	-0.32	-0.27	0	0	0	0	0	0
6/26/2023 12:00	56803 BENV_T1	4	2	-2	0.4	0.6	0.2	0	0	0	0	0	0	0	0
6/26/2023 12:00	56802 BENV_T2	1	0	-1	0.1	0	-0.1	-0.91	-0.88	0	0	0	0	0	0
6/26/2023 12:00	64204 KINZ_T1	1	1	0	0.4	0.9	0.5	0	0	0	0	0	0	0	0
6/26/2023 12:00	52502 PROG_T2	0	0	0	0	0	0	-0.13	-0.08	1	1	0	900	900	0
6/26/2023 12:01	52502 PROG_T2	0	0	0	0	0	0	-0.13	-0.08	1	1	0	900	900	0
6/26/2023 12:02	53501 EVIL_T2	0	0	0	0	0	0	-0.87	-1.02	3	3	0	2100	2100	0
6/26/2023 12:02	15001 BLMO_T1	0	0	1	0	0	0	0	0	0	0	0	0	0	0
6/26/2023 12:03	60101 COCA_T1	0	2	2	0	0	0	-0.28	-0.27	1	1	0	1200	1200	0
6/26/2023 12:03	44502 HAMI_T2	2	2	0	1.55	1.05	-0.5	-0.53	-0.49	0	0	0	0	0	0
6/26/2023 12:03	24102 EHAZ_T1	1	0	-1	0.2	0	-0.2	0	0	0	0	0	0	0	0
6/26/2023 12:04	53501 EVIL_T2	0	0	0	0	0	0	-1.02	-1.02	3	3	0	2100	2100	0
6/26/2023 12:06	58803 COCO_T1	1	1	0	1.8	1.8	0	-0.18	0.03	1	1	0	600	600	0
6/26/2023 12:24	56802 BENV_T2	0	0	0	0	0	0	-0.87	-0.82	0	0	0	0	0	0
6/26/2023 14:12	40502 CRES_T2	1	8	7	0.2	0.17	-0.03	-0.17	-0.27	0	0	0	0	0	0
6/26/2023 14:24	46302 ROHR_T1	1	3	2	0.7	0.47	-0.23	-0.37	-0.35	0	0	0	0	0	0
6/26/2023 14:34	42201 SHEN_T2	0	0	0	0	0	0	0.15	0.14	1	1	0	600	600	0
6/26/2023 14:35	64802 MONE_T2	0	0	1	0	1	1	0	0	0	0	0	0	0	0
6/26/2023 14:35	59202 THOM_T1	2	1	-1	0.15	0.3	0.15	0	0	0	0	0	0	0	0
6/26/2023 14:38	16301 ALPA_T1	1	0	-1	0.1	0	-0.1	-0.7	-0.59	0	0	0	0	0	0
6/26/2023 14:50	60502 NMAN_T2	0	0	0	0	0	0	0.7	0.63	0	0	0	0	0	0
6/26/2023 14:54	55101 WERT_T1	0	9	9	0	0	0	-1.76	-1.52	4	4	0	3300	3300	0
6/26/2023 14:54	56801 BENV_T1	7	1	-6	0.59	0	-0.59	-0.11	-0.12	1	1	0	600	600	0
6/26/2023 14:57	40502 CRES_T2	0	4	4	0	0.13	0.13	-0.34	-0.4	0	0	0	0	0	0
6/26/2023 14:59	44802 EDAN_T2	0	0	0	0	0	0	-1.5	-1.51	1	1	0	1200	1200	0
6/26/2023 15:03	57303 MOAL_T2	1	1	0	8.2	8.2	0	0	0	0	0	0	0	0	0
6/26/2023 15:20	55101 WERT_T1	9	25	16	0.2	0.62	0.42	-1.57	-1.61	4	4	0	3300	3300	0
6/26/2023 15:27	52402 GRPA_T2	3	3	0	0.9	0.2	-0.7	0	0	0	0	0	0	0	0
6/26/2023 15:27	40901 JESH_T1	1	1	0	1.7	1.5	-0.2	0	0	0	0	0	0	0	0
6/26/2023 15:49	65904 SAKR_T2	1	1	0	4	4.3	0.3	0	0	0	0	0	0	0	0
6/26/2023 16:00	40902 JESH_T1	1	1	0	0.7	1.8	1.1	-0.77	-0.5	3	2	-1	1800	1200	-600
6/26/2023 16:07	65901 SAKR_T2	1	0	-1	0.1	0	-0.1	-0.15	-0.07	2	2	0	1500	1500	0
6/26/2023 16:34	26402 INOR_T1	0	0	0	0	0	0	-0.82	-0.83	0	0	0	0	0	0
6/26/2023 17:03	48303 ORWI_T2	0	1	1	0	0	0	0	0	0	0	0	0	0	0
6/26/2023 19:53	59101 WALK_T2	0	1205	1205	0	0	0	0	0	2	1	-1	1050	450	-600
6/26/2023 19:59	59101 WALK_T2	0	1205	1205	0	0	0	0	0	1	1	0	450	450	0
6/26/2023 20:06	45602 WOOL_T1	0	0	0	0	0	0	0.94	0.9	0	0	0	0	0	0
6/26/2023 20:06	59101 WALK_T2	1195	0	-1195	7.16	0	-7.16	0	0	1	1	0	450	450	0
6/26/2023 20:07	16301 ALPA_T1	3	1	-2	0.23	0	-0.23	0.07	0.08	0	0	0	0	0	0
6/26/2023 20:11	28403 HART_T2	1	1	0	5.9	5.8	-0.1	-0.41	-0.42	1	1	0	900	900	0
6/26/2023 20:19	52502 PROG_T2	0	0	0	0	0	0	0.11	0.07	1	1	0	900	900	0
6/26/2023 20:21	24105 EHAZ_T1	4	4	0	6.33	6.1	-0.23	0	0	0	0	0	0	0	0
6/26/2023 20:23	28604 BLYT_T2	0	0	0	0	0	0	-0.98	-1.01	0	0	0	0	0	0
6/26/2023 20:25	41602 CLEV_T1	1	1	0	0.1	0	-0.1	0	0	3	3	0	1800	1800	0
6/26/2023 20:25	20402 ASHF_T2	1	1	0	0.1	0.1	0	0	0	0	0	0	0	0	0
6/26/2023 20:26	58803 COCO_T1	2	2	0	1.95	2.3	0.35	-0.63	-0.61	1	1	0	600	600	0
6/26/2023 20:29	63403 HONY_T2	0	0	0	0	0	0	-0.54	-0.56	0	0	0	0	0	0
6/26/2023 20:37	16302 ALPA_T2	0	0	0	0	0	0	1.02	0.99	0	0	0	0	0	0
6/26/2023 20:39	15001 BLMO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
6/26/2023 20:42	44502 HAMI_T2	1	1	0	2.7	2.8	0.1	-0.53	-0.55	0	0	0	0	0	0
6/26/2023 20:43	53501 EVIL_T2	0	0	0	0	0	0	-1.06	-1.1	2	2	0	1200	1200	0
6/26/2023 20:46	65604 QVIL_T2	0	0	0	0	0	0	0.45	0.4	0	0	0	0	0	0
6/26/2023 20:49	66504 SMAN_T2	8	8	0	0	0.15	0.15	0	0	0	0	0	0	0	0
6/26/2023 20:51	67503 WEWI_T2	0	0	0	0	0	0	0.45	0.45	0	0	0	0	0	0
6/26/2023 20:55	29401 BELT_T1	3	3	0	0.13	0.13	0	0	0	1	1	0	900	900	0
6/26/2023 21:02	64203 KINZ_T1	0	11	11	0	0.13	0.13	0	0	0	0	0	0	0	0
6/26/2023 21:08	67502 WEWI_T2	0	0	0	0	0	0	-1.05	-0.99	1	1	0	900	900	0
6/26/2023 21:12	41801 GOCI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
6/26/2023 21:13	10805 CHNI_T2	1	1	0	8.1	7.8	-0.3	-1.1	-1.11	1	1	0	600	600	0
6/26/2023 21:17	64301 LINC_T1	0	0	0	0	0	0	-0.12	-0.2	0	0	0	0	0	0
6/26/2023 21:28	63404 HONY_T1	5	3	-2	2.84	4.83	1.99	0	0	0	0	0	0	0	0
6/26/2023 21:48	60701 BREC_T1	0	0	0	0	0	0	0.08	-0.12	1	1	0	600	600	0
6/26/2023 21:57	53501 EVIL_T2	0	1	1	0	0.1	0.1	-1.28	-1.24	2	2	0	1200	1200	0
6/26/2023 22:23	60502 NMAN_T2	0	0	0	0	0	0	0.1	-0.08	0	0	0	0	0	0
6/27/2023 0:28	57303 MOAL_T2	1	1	0	7.3	7.1	-0.2	0	0	0	0	0	0	0	0
6/27/2023 0:28	56802 BENV_T2	0	1	1	0	0.3	0.3	-2.4	-2.42	0	0	0	0	0	0
6/27/2023 0:28	64201 KINZ_T1	1	1	0	1.3	1.6	0.3	0	0	0	0	0	0	0	0
6/27/2023 0:28	15001 BLMO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
6/27/2023 0:28	66703 STRA_T1	5	96	91	0.4	0.21	-0.19	-0.2	-0.21	0	0	0	0	0	0
6/27/2023 0:28	56801 BENV_T1	22	25	3	0.96	1.42	0.46	-1.42	-1.46	2	2	0	1200	1200	0
6/27/2023 0:28	59202 THOM_T1	0	21	21	0	0.19	0.19	0	0	0	0	0	0	0	0
6/27/2023 0:28	64101 REFR_T1	0	0	0	0	0	0	0.29	0.28	0	0	0	0	0	0
6/27/2023 0:28	52502 PROG_T2	0	0	0	0	0	0	-1	-0.99	2	2	0	1800	1800	0
6/27/2023 0:28	64801 MONE_T2	0	0	0	0	0	0	0.44	0.43	0	0	0	0	0	0
6/27/2023 0:28	40902 JESH_T1	0	0	0	0	0	0	-0.58	-0.64	2	2	0	1200	1200	0
6/27/2023 0:28	66505 SMAN_T2	0	0	0	0	0	0	0.5	0.54	1	1	0	900	900	0
6/27/2023 0:28	46302 ROHR_T1	3	3	0	0.77	0.63	-0.14	0.16	0.15	0	0	0	0	0	0
6/27/2023 0:28	42201 SHEN_T2	0	0	0	0	0	0	0.54	0.54	0	0	0	0	0	0
6/27/2023 0:28	66504 SMAN_T2	0	0	0	0	0	0	-2.8	-2.8	2	2	0	2400	2400	0
6/27/2023 0:28	59101 WALK_T2	0	0	0	0	0	0	0.17	0.2	0	0	0	0	0	0
6/27/2023 0:28	52404 GRPA_T2	0	0	0	0	0	0	-0.25	-0.26	0	0	0	0	0	0
6/27/2023 0:28	11104 EGYP_T1	0	0	0	0	0	0	1.14	1.06	0	0	0	0	0	0
6/27/2023 0:28	40501 CRES_T2	5	0	-5	0.2	0	-0.2	0	0	0	0	0	0	0	0
6/27/2023 0:28	26402 INOR_T1	0	0	0	0	0	0	-0.35	-0.33	0	0	0	0	0	0
6/27/2023 0:28	40101 HUNT_T2	0	0	0	0	0	0	-0.55	-0.54	0	0	0	0	0	0
6/27/2023 0:28	61202 REIN_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
6/27/2023 0:28	44802 EDAN_T2	0	0	0	0	0	0	-1.76	-1.73	1	1	0	1200	1200	0
6/27/2023 0:28	48302 ORWI_T2	2	2	0	1.1	0.6	-0.5	-0.24	-0.23	0	0	0	0	0	0
6/27/2023 0:28	47401 PENS_T1	0	4	4	0	0.1	0.1	-0.15	-0.14	0	0	0	0	0	0
6/27/2023 0:28	60101 COCA_T1	0	0	0	0	0	0	0.46	0.44	0	0	0	0	0	0
6/27/2023 0:28	53501 EVIL_T2	8	1	-7	0.2	0.2	0	-0.88	-0.92	2	0	-2	1200	0	-1200
6/27/2023 0:28	55101 WERT_T1	0	0	0	0	0	0	-3.53	-6.38	9	6	-3	7200	4500	-2700
6/27/2023 0:28	65901 SAKR_T2	0	0	0	0	0	0	-2.7	-1.58	4	2	-2	3000	1800	-1200
6/27/2023 0:28	58803 COCO_T1	2	2	0	3.35	3.6	0.25	-2.12	-2.14	0	0	0	0	0	0
6/27/2023 0:32	42201 SHEN_T2	0	0	0	0	0	0	0.54	0.54	0	0	0	0	0	0
6/27/2023 1:06	52502 PROG_T2	0	0	0	0	0	0	-0.59	-0.57	1	1	0	900	900	0
6/27/2023 8:21	43202 MVIL_T2	0	0	0	0	0	0	-0.57	-0.56	0	0	0	0	0	0
6/27/2023 9:29	59101 WALK_T2	0	0	0	0	0	0	1.76	1.41	1	1	0	600	600	0
6/27/2023 9:33	64204 KINZ_T1	1	1	0	0.4	0.7	0.3	0	0	0	0	0	0	0	0
6/27/2023 9:34	44502 HAMI_T2	1	1	0	1.6	1.8	0.2	-0.68	-0.67	0	0	0	0	0	0
6/27/2023 9:35	25402 LAHA_T2	0	0	0	0	0	0	-0.76	-0.76	0	0	0	0	0	0
6/27/2023 9:42	59101 WALK_T2	0	0	0	0	0	0	1.41	1.58	1	1	0	600	600	0
6/27/2023 9:42	29402 BELT_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
6/27/2023 9:44	56802 BENV_T2	1	1	0	0.7	1	0.3	-1.07	-1.09	0	0	0	0	0	0
6/27/2023 9:51	40901 JESH_T1	1	1	0	0.9	1	0.1	0	0	0	0	0	0	0	0
6/27/2023 9:51	42002 MNVL_T2	1	1	0	4.1	4.1	0	0	0	0	0	0	0	0	0
6/27/2023 9:54	41902 REED_T1	1	0	-1	0.1	0	-0.1	1.24	0.41	0	1	1	0	900	900
6/27/2023 9:58	67204 TEHI_T2	0	0	0	0	0	0	0.04	0.06	0	0	0	0	0	0
6/27/2023 10:00	12601 MACA_T1	0	1	1	0	0	0	0	0	0	0	0	0	0	0
6/27/2023 10:00	67605 WARW_T1	1	1	0	0.1	0.2	0.1	0	0	0	0	0	0	0	0
6/27/2023 10:00	56601 HAMP_T1	32	73	41	0.19	0.2	0.01	0.29	0.3	0	0	0	0	0	0
6/27/2023 10:00	64802 MONE_T2	0	1	1	0	0.3	0.3	0	0	0	0	0	0	0	0
6/27/2023 10:00	52503 PROG_T2	0	0	0	0	0	0	-0.41	-0.38	1	1	0	900	900	0
6/27/2023 10:01	42

Appendix C - Grid Benefits Achieved in Each Instance of Active Management

6/27/2023 13:58	40901 JESH_T1	1	1	0	1.4	1	-0.4	0	0	0	0	0	0	0
6/27/2023 14:04	61202 REIN_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
6/27/2023 14:09	67503 WEWI_T2	0	0	0	0	0	0	0.2	0.12	0	0	0	0	0
6/27/2023 14:09	56802 BENV_T2	0	1	-1	0	0.2	0.2	-0.97	-1	0	0	0	0	0
6/27/2023 14:12	58803 COCO_T1	2	1	-1	1	1.6	0.6	-0.2	-0.05	1	1	0	600	600	0
6/27/2023 14:16	64202 KINZ_T1	0	2	2	0	0.4	0.4	0	0	0	0	0	0	0	0
6/27/2023 14:21	67502 WEWI_T2	0	0	0	0	0	0	-0.79	-0.73	1	1	0	900	900	0
6/27/2023 14:23	42201 SHEN_T2	0	0	0	0	0	0	0.21	0.23	1	1	0	600	600	0
6/27/2023 14:23	59101 WALK_T2	1	1	0	1.2	0.1	-1.1	1.49	1.44	1	1	0	600	600	0
6/27/2023 14:23	56802 BENV_T2	1	1	0	0.1	0.3	0.2	-1	-0.98	0	0	0	0	0	0
6/27/2023 14:24	16302 ALPA_T2	0	0	0	0	0	0	0.05	0.04	0	0	0	0	0	0
6/27/2023 14:28	11102 EGYP_T1	0	1	1	0	0	0	0	0	0	0	0	0	0	0
6/27/2023 14:35	60801 BUCK_T1	132	98	-34	0.46	0.38	-0.08	0	0	0	0	0	0	0	0
6/27/2023 14:37	65603 QVIL_T2	1	1	0	0.5	0	-0.5	0	0	0	0	0	0	0	0
6/27/2023 14:37	66504 SMAN_T2	0	0	0	0	0	0	-1.16	-0.98	2	2	0	2400	2400	0
6/27/2023 14:37	67503 WEWI_T2	0	0	0	0	0	0	0.13	0.12	0	0	0	0	0	0
6/27/2023 14:37	10805 CHHI_T2	7	6	-1	2.17	1.53	-0.64	-1.3	-1.14	2	2	0	1800	1800	0
6/27/2023 14:39	59102 WALK_T2	1	1	0	0.4	0.1	-0.3	0	0	0	0	0	0	0	0
6/27/2023 14:42	56802 BENV_T2	1	1	0	0.2	0.3	0.1	-0.98	-0.85	0	0	0	0	0	0
6/27/2023 14:46	57304 MOAI_T2	0	0	0	0	0	0	0.09	0.17	0	0	0	0	0	0
6/27/2023 14:48	46302 ROHR_T1	2	1	-1	0.2	0.8	0.6	0.3	0.31	0	0	0	0	0	0
6/27/2023 14:50	52502 PROG_T2	0	0	0	0	0	0	-0.14	-0.15	1	1	0	900	900	0
6/27/2023 14:52	29401 BELT_T1	0	0	0	0	0	0	0	0	1	1	0	900	900	0
6/27/2023 14:54	64802 MONE_T2	1	0	-1	1.5	0	-1.5	0	0	0	0	0	0	0	0
6/27/2023 14:55	65603 QVIL_T2	1	1	0	0.7	0	-0.7	0	0	0	0	0	0	0	0
6/27/2023 14:59	24105 EHAZ_T1	4	4	0	5.75	5.55	-0.2	0	0	0	0	0	0	0	0
6/27/2023 15:00	52401 GRPA_T2	1	0	-1	1.3	0	-1.3	0	0	0	0	0	0	0	0
6/27/2023 15:02	47802 MOCA_T2	0	0	0	0	0	0	-0.72	-0.75	0	0	0	0	0	0
6/27/2023 15:03	64101 REFR_T1	0	0	0	0	0	0	-0.1	-0.12	0	0	0	0	0	0
6/27/2023 15:05	42201 SHEN_T2	0	0	0	0	0	0	0.24	0.24	1	1	0	600	600	0
6/27/2023 15:06	59102 WALK_T2	0	1	1	0	0.6	0.6	0	0	0	0	0	0	0	0
6/27/2023 15:08	56802 BENV_T2	1	1	0	0.3	0.3	0	-0.82	-0.84	0	0	0	0	0	0
6/27/2023 15:10	62604 ENGL_T1	0	0	0	0	0	0	-1.17	-1.22	1	1	0	600	600	0
6/27/2023 15:15	52403 GRPA_T2	0	1	1	0	0.4	0.4	0	0	0	0	0	0	0	0
6/27/2023 15:38	56801 BENV_T1	16	11	-5	0.65	0.44	-0.21	0	0	0	0	0	0	0	0
6/27/2023 15:40	42701 AUGU_T1	0	0	0	0	0	0	0	0	2	2	0	1800	1800	0
6/27/2023 15:41	11104 EGYP_T1	0	0	0	0	0	0	0.96	0.92	0	0	0	0	0	0
6/27/2023 15:48	47401 PENS_T1	0	0	0	0	0	0	0.22	0.23	0	0	0	0	0	0
6/27/2023 16:05	45602 WOOL_T1	0	0	0	0	0	0	0.83	0.85	0	0	0	0	0	0
6/27/2023 16:12	14402 SSLA_T1	0	1	1	0	0	0	0	0	0	0	0	0	0	0
6/27/2023 16:16	47401 PENS_T1	0	0	0	0	0	0	0.42	0.45	0	0	0	0	0	0
6/27/2023 20:17	44801 EDAN_T2	1	1	0	0.6	0.6	0	0	0	0	0	0	0	0	0
6/27/2023 20:48	44802 EDAN_T2	0	0	0	0	0	0	-1.52	-1.53	1	1	0	1200	1200	0
6/27/2023 21:38	20402 ASHF_T2	1	2	1	0.1	0.1	0	0	0	0	0	0	0	0	0
6/27/2023 21:38	56802 BENV_T2	1	1	0	0.4	0.6	0.2	-0.27	-0.38	0	0	0	0	0	0
6/27/2023 21:39	40501 CRES_T2	61	19	-42	0.38	0.43	0.05	0	0	0	0	0	0	0	0
6/27/2023 22:15	44502 HAMI_T2	1	1	0	2.8	2.9	0.1	-0.69	-0.77	0	0	0	0	0	0
6/27/2023 22:29	65604 QVIL_T2	57	98	41	0.32	0.38	0.06	0.1	0.04	0	0	0	0	0	0
6/27/2023 22:34	29401 BELT_T1	0	0	0	0	0	0	0	0	1	1	0	900	900	0
6/27/2023 22:41	65602 QVIL_T2	1	0	-1	0.3	0	-0.3	0	0	0	0	0	0	0	0
6/27/2023 22:43	28601 BLYT_T2	1	1	0	2.4	0.5	-1.9	0	0	0	0	0	0	0	0
6/27/2023 22:56	52502 PROG_T2	0	0	0	0	0	0	0.56	0.54	0	0	0	0	0	0
6/28/2023 0:28	66504 SMAN_T2	0	0	0	0	0	0	-0.58	-0.64	0	0	0	0	0	0
6/28/2023 0:28	44301 BEAV_T2	0	0	0	0	0	0	0.59	0.29	1	1	0	600	600	0
6/28/2023 0:28	64201 KINZ_T1	1	1	0	1.3	1.3	0	0.72	0.62	2	2	0	600	600	0
6/28/2023 0:28	47403 PENS_T1	1	0	-1	2.5	0	-2.5	0	0	0	0	0	0	0	0
6/28/2023 0:28	64201 KINZ_T1	1	1	0	1.3	1.3	0	0.72	0.62	2	2	0	600	600	0
6/28/2023 0:28	15001 BLMO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
6/28/2023 0:28	57303 MOAI_T2	1	1	0	7.1	7	-0.1	0	0	0	0	0	0	0	0
6/28/2023 0:28	67503 WEWI_T2	0	0	0	0	0	0	-0.78	-0.81	0	0	0	0	0	0
6/28/2023 0:28	42701 AUGU_T1	0	1	1	0	0.1	0.1	0	0	2	2	0	1800	1800	0
6/28/2023 0:28	42002 MNVI_T2	1	1	0	4.1	4	-0.1	0	0	0	0	0	0	0	0
6/28/2023 0:28	16302 ALPA_T2	0	0	0	0	0	0	0.86	0.72	0	0	0	0	0	0
6/28/2023 0:28	52401 GRPA_T2	1	0	-1	0.2	0	-0.2	0	0	0	0	0	0	0	0
6/28/2023 0:28	60801 BUCK_T1	187	188	1	0.92	0.89	-0.03	0	0	0	0	0	0	0	0
6/28/2023 0:28	24105 EHAZ_T1	4	4	0	6.55	6.45	-0.1	0	0	0	0	0	0	0	0
6/28/2023 0:28	14403 SSLA_T1	0	0	0	0	0	0	0.66	0.65	0	0	0	0	0	0
6/28/2023 0:28	52403 GRPA_T2	0	0	0	0	0	0	0.01	0	0	0	0	0	0	0
6/28/2023 0:28	12701 MACU_T1	0	0	0	0	0	0	0.07	0.05	0	0	0	0	0	0
6/28/2023 0:28	59101 WALK_T2	0	0	0	0	0	0	5.95	5.95	0	0	0	0	0	0
6/28/2023 0:28	13704 SCHN_T2	0	0	0	0	0	0	-0.3	-0.3	0	0	0	0	0	0
6/28/2023 0:28	66505 SMAN_T2	0	0	0	0	0	0	0.62	0.54	2	2	0	1800	1800	0
6/28/2023 0:28	11104 EGYP_T1	0	0	0	0	0	0	1.06	0.94	0	0	0	0	0	0
6/28/2023 0:28	46302 ROHR_T1	3	3	0	0.8	0.87	0.07	0.15	0.14	0	0	0	0	0	0
6/28/2023 0:28	42201 SHEN_T2	0	0	0	0	0	0	1.04	1.04	0	0	0	0	0	0
6/28/2023 0:28	28403 HART_T2	1	1	0	7.4	7.6	0.2	-1.18	-1.28	2	2	0	1800	1800	0
6/28/2023 0:28	48302 ORWI_T2	2	2	0	1.45	1.15	-0.3	-0.14	-0.23	0	0	0	0	0	0
6/28/2023 0:28	64101 REFR_T1	0	0	0	0	0	0	0.37	0.45	0	0	0	0	0	0
6/28/2023 0:28	10805 CHHI_T2	1	1	0	8.2	8.2	0	-0.88	-0.87	0	0	0	0	0	0
6/28/2023 0:28	43202 MVIL_T2	0	0	0	0	0	0	-0.66	-0.67	0	0	0	0	0	0
6/28/2023 0:28	64801 MONE_T2	0	0	0	0	0	0	0.35	0.34	0	0	0	0	0	0
6/28/2023 0:28	58803 COCO_T1	2	2	0	3.45	3.6	0.15	-4.12	-4.1	0	0	0	0	0	0
6/28/2023 0:28	40902 JESH_T1	0	0	0	0	0	0	-0.38	-0.37	1	1	0	600	600	0
6/28/2023 0:28	40101 HUNT_T2	0	0	0	0	0	0	-0.73	-0.74	0	0	0	0	0	0
6/28/2023 0:28	56803 BENV_T1	0	0	0	0	0	0	0.3	0.31	0	0	0	0	0	0
6/28/2023 0:28	56802 BENV_T2	1	0	-1	0.4	0	-0.4	-3.69	-3.78	0	0	0	0	0	0
6/28/2023 0:28	47802 MOCA_T2	0	0	0	0	0	0	-0.93	-0.93	0	0	0	0	0	0
6/28/2023 0:28	52502 PROG_T2	0	0	0	0	0	0	0.87	0.93	0	0	0	0	0	0
6/28/2023 0:28	61202 REIN_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
6/28/2023 0:28	45602 WOOL_T1	0	0	0	0	0	0	0.5	0.49	0	0	0	0	0	0
6/28/2023 0:28	62604 ENGL_T1	0	0	0	0	0	0	-1.42	-1.43	1	1	0	600	600	0
6/28/2023 1:30	67502 WEWI_T2	0	0	0	0	0	0	-1.49	-1.48	1	1	0	900	900	0
6/28/2023 2:17	60101 COCA_T1	0	0	0	0	0	0	0.26	0.2	0	0	0	0	0	0
6/28/2023 9:39	40901 JESH_T1	1	1	0	1.4	0.6	-0.8	0	0	0	0	0	0	0	0
6/28/2023 10:00	52503 PROG_T2	0	0	0	0	0	0	-0.46	-0.48	1	1	0	900	900	0
6/28/2023 10:00	12604 MACA_T1	0	0	0	0	0	0	0.51	0.53	0	0	0	0	0	0
6/28/2023 10:00	56601 HAMP_T1	662	909	247	0.5	0.53	0.03	0.23	0.34	0	0	0	0	0	0
6/28/2023 10:00	67605 WARW_T1	0	1	1	0	0.1	0.1	0	0	0	0	0	0	0	0
6/28/2023 10:00	64801 MONE_T2	1	1	0	0	0	0	0.49	0.49	0	0	0	0	0	0
6/28/2023 10:01	56802 BENV_T2	9	46	37	0.24	0.16	-0.08	-1.21	-1.18	0	0	0	0	0	0
6/28/2023 10:51	53501 EVIL_T2	0	0	0	0	0	0	-0.11	-0.17	1	1	0	600	600	0
6/28/2023 11:01	47401 PENS_T1	0	0	0	0	0	0	-0.23	-0.27	0	0	0	0	0	0
6/28/2023 11:12	40901 JESH_T1	1	1	0	1.2	1	-0.2	0	0	0	0	0	0	0	0
6/28/2023 11:51	53501 EVIL_T2	1	1	0	0.3	0.4	0.1	-0.17	-0.2	1	1	0	600	600	0
6/28/2023 13:39	42002 MNVI_T2	1	1	0	4	4.1	0.1	0	0	0	0	0	0	0	0
6/28/2023 14:39	28601 BLYT_T2	1	1	0	1.2	1.6	0.4	0	0	0	0	0	0	0	0
6/28/2023 14:43	47403 PENS_T1	1	1	0	1.8	2.5	0.7	0	0	0	0	0	0	0	0
6/28/2023 15:23	47403 PENS_T1	1	1	0	2.5	2.4	-0.1	0	0	0	0	0	0	0	0
6/28/2023 15:24	47401 PENS_T1	0	0	0	0	0	0	0.4	0.28	0	0	0	0	0	0
6/28/2023 15:30	47401 PENS_T1	0	0	0	0	0	0	0.4	0.28	0	0	0	0	0	0
6/28/2023 16:12	47401 PENS_T1	0	0	0	0	0	0	0.52	0.55	0	0	0	0	0	0
6/28/2023 21:52	53501 EVIL_T2	0	2	2	0	0.1	0.1	-0.71	-0.68	1	1	0	600	600	0
6/28/2023 22:44	28604 BLYT_T2	0	0	0	0	0	0	-1.25	-1.26	0	0	0	0	0	0
6/29/2023 0:28	42001 MNVI_T2	0	0	0	0	0	0	0	-0.03	0	0	0	0	0	0
6/29/2023 0:28	47403 PENS_T1	0	1	1	0	2.5	2.5	0	0	0	0	0	0	0	0
6/29/2023 0:28	40902 JESH_T1	0	0	0	0	0	0	-0.26	-0.27	1	1	0	600	600	0
6/29/2023 0:28	53501 EVIL_T2	15	15	0	0.51	0.71	0.2	-0.65	-0.67	0	0	0	0	0	0
6/29/2023 8:16	58402 MORO_T1	0	0	0	0	0	0	-1.86	-1.8	3	3	0	2400	2400	0
6/29/2023 8:16	43202 MVIL_T2	0	0	0	0	0	0	-0.57	-0.62	0	0	0	0	0	0
6/29/2023 9:01	58402 MORO_T1	0	0	0	0	0	0	-1.78	-1.81	3	3	0	2400	2400	0
6/29/2023 9:07	59101 WALK_T2	0	0	0	0	0	0	1.41	1.59	0	0	0	0	0	0
6/29/2023 9:38	56802 BENV_T2	1	1	0	0.9	1	0.1	-0.52	-0.53	0	0	0	0	0	0
6/29/2023 9:38	29401 BELT_T1	0	30	30	0	0.19	0.19	0	0	0	0	0	0	0	0
6/29/2023 9:45	42001 MNVI_T2	2	0	-2	0.1	0	-0.1	0.1	0.08	0	0	0	0	0	0
6/29/2023 9:49	42201 SHEN_T2	0	0	0	0	0	0	0.54	0.54	0	0	0	0	0	0
6/29/2023 9:57	15001 BLMO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
6/29/2023 9:57	58803 COCO_T1	2	2	0	2.6	2.65	0.05	-0.85	-0.62	0	0	0	0	0	0
6/29/2023 9:58	64204 KINZ_T1	1	1	0	1.3	0.7	-0.6	0	0	0	0	0	0	0	0
6/29/2023 10:00	67605 WARW_T1	1	1	0	0.1	0.8	0.7	0	0	0	0	0	0	0	0
6/29/2023 10:00	56601 HAMP_T1	77	73	-4	0.22	0.21	-0.01	0.24	0.28	0	0	0	0	0	0
6/29/2023 10:00	52502 PROG_T2	0	1	1	0	0	0	0	0	0	0	0	0	0	0
6/29/2023 10:00	12605 MACA_T1	0	1	1	0	0.1	0.1	0	0	0	0	0	0	0	0
6/29/2023 10:00	64201 KINZ_T1	0	0	0	0	0	0	0.29	0	2	3	1	1200	1500	300
6/29/2023 10:00	64801 MONE_T2	1	2	1	0.6	0.1	-0.5	0.41	0.44	0	0	0	0	0	0
6/29/2023 10:05	13704 SCHN_T2	0	0	0	0	0	0	0.24	0.23	0	0	0	0	0	0
6/29/2023 10:07	15001 BLMO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
6/29/2023 10:09	66504 SMAN_T2	0	4	4	0	0.28	0.28	0	0	0	0	0	0	0	0
6/29/2023 10:13	44801 EDAN_T2	1	1	0	0.3	0.4	0.1	0	0	0	0	0	0	0	0
6/29/2023 10:14	28403 HART_T2	1	1	0	7.2	7.3	0.1	-0.58	-0.56	1	1	0	900	900	0
6/29/2023 10:17	40101 HUNT_T2	0	0	0	0	0	0	-0.39	-0.34	0	0	0	0	0	0
6/29/2023 10:18	52502 PROG_T2	0	0	0	0	0	0	-0.55	-0.56	1	1	0	900	900	0
6/29/2023 10:21	16301 ALPA_T1	0	0	0	0	0	0	-1.16	-1.16	0	0	0	0	0	0
6/29/2023 10:22	67502 WEWI_T2	0	1	1	0	0.1	0.1	0.09	0.09	0	0	0	0	0	0
6/29/2023 10:22	20401 ASHF_T2	0	2	2	0	0.3	0.3	0	0	0	0	0	0	0	0
6/29/2023 10:24	28601 BLYT_T2	1	1	0	1.8	1.5	-0.3	0	0	0	0	0	0	0	0
6/29/2023 10:24	16302 ALPA_T2	0	0	0	0	0	0	-0.13	-0.18	0	0	0	0	0	0
6/29/2023 10:25	15001 BLMO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
6/29/2023 10:28	56802 BENV_T2	1	3	2	0.9	0.5	-0.4	-0.46	-0.48	0	0	0	0	0	0
6/29/2023 10:29	12701 MACU_T1	0	0	0	0	0	0	0.18	0.18	0	0	0	0	0	0
6/29/2023 10:31	64204 KINZ_T1	1	1	0	0.1	0.8	0.7	0	0	0	0	0	0	0	0
6/29/2023 10:34	57304 MOAI_T2	0	1	1	0	0.3	0.3	-0.35	-0.32	0	0	0	0	0	0
6/29/2023 10:36	47403 PENS_T1	1	2	1	1.5	1.8	0.3	0	0	0	0	0	0	0	0
6/29/2023 10:36	66504 SMAN_T2	4	2	-2	0.28	0.35	0.07	-2.1	-2.12	2	2	0	2400	2400	0
6/29/2023 10:37	41902 REED_T1	0	0	0	0	0	0	1.23	0.4	0	0	0	0	0	0
6/29/2023 10:40	44801 EDAN_T2	1	1	0	0.4	0.3	-0.1	0	0	0	0	0	0	0	0
6/29/2023 10:40	15001 BLMO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
6/29/2023 10:41	53501 EVIL_T2	1	5	4	0.6	0.26	-0.34	-0.47	-0.51	2	2	0	1200	1200	0
6/29/2023 10:44	63403 HONY_T2	0	0	0	0	0	0	-0.23	-0.21	1	1	0	600	600	0
6/29/2023 10:49	65604 QVIL_T2	1	0	-1	0.2	0	-0.2	0.23	0.24	0	0	0	0	0	0
6/29/2023 10:49	66505 SMAN_T2	0	1	1	0	0	0	0.05	0.64	2	2	0	1500	1500	0
6/29/2023 10:54	29401 BELT_T1	0	0	0	0	0	0	0	0	1	1	0	900	900	0
6/29/2023 10:57	56802 BENV_T2	3	5	2	0.4	0.34	-0.06	-0.42	-0.42	0	0	0	0	0	0
6/29/2023 10:58	53501 EVIL_T2	5	4	-1	0.26	0.15	-0.11	-0.51	-0.41	2	2	0	1200	1200	0
6/29/2023 10:58	28403 HART_T2	1	1	0	7.5	7.6	0.1	-0.49	-0.55	1	1	0	900	900	0
6/29/2023 11:01	47802 MOCA_T2	1	1	0	0.5	0.7	0.2	-0.69	-0.74	0	0	0	0	0	0
6/29/2023 11:02	64201 KINZ_T1	0	0	0	0	0	0	0.22	-0.99	4	4	0	2700	2700	0
6/29/2023 11:04	52502 PROG_T2	0	0	0	0	0	0	-0.46	-0.5	1	1	0	900	900	0
6/29/2023 11:05	47401 PENS_T1	2	4	2	0.2	0.28	0.08	0.06	0.12	0	0	0	0	0	0
6/29/2023 11:05	61202 REIN_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
6/29/2023 11:07	59101 WALK_T2	1	0	-1	0.4	0	-0.4	1.71	1.67	0	0	0	0	0	0
6/29/2023 11:11	53501 EVIL_T2	0	4	4	0	0.15	0.15	-0.41	-0.37	2	2	0	1200	1200	0
6/29/2023 11:13	10805 CHHI_T2	1	1	0	8.7	8.6	-0.1	-1.52	-1.59	2	2	0	1800	1800	0
6/29/2023 11:20	58402 MORO_T1	0	0	0	0	0	0	-1.72	-1.83	3	3	0	2400	2400	0
6/29/2023 11:20	61202 REIN_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
6/29/2023 11:27	60101 COCA_T1	0	1	1	0	0.3	0.3	0.64	0.71	0	0	0	0	0	0
6/29/2023 11:29	11101 EGYP_T1	0	4	4	0	0	0	0	0	0	0	0	0	0	0
6/29/2023 11:35	41602 CLEV_T1	0	0	0	0	0	0	0	0	3	3	0	1800	1800	0
6/29/2023 11:37	41901 REED_T1	0	0	0	0	0	0	0	0	1	1	0	900	900	0
6/29/2023 11:39	67503 WEWI_T2	0	0	0	0	0	0	0.12	0.12	0	0	0	0	0	0
6/29/2023 11:45	11102 EGYP_T1

Appendix C - Grid Benefits Achieved in Each Instance of Active Management

6/29/2023 14:53	52401 GRPA_T2	0	1	1	0	0	0	0	0	0	0	0	0	0
6/29/2023 14:53	48902 FOSP_T2	0	0	0	0	0	0	0.3	0.11	0	0	0	0	0
6/29/2023 14:57	52002 LING_T2	0	6	6	0	0.17	0.17	0.68	0.76	0	0	0	0	0
6/29/2023 14:58	66702 STRA_T1	0	0	0	0	0	0	0.22	0.16	3	3	0	2700	2700
6/29/2023 14:59	59101 WALK_T2	0	1	1	0	0	0	1.24	0.91	1	1	0	600	600
6/29/2023 15:00	67502 WEWI_T2	0	0	0	0	0	0	-0.62	-0.7	1	1	0	900	900
6/29/2023 15:00	52502 PROG_T2	0	0	0	0	0	0	-0.111	-0.06	1	1	0	900	900
6/29/2023 15:03	61802 EELI_T2	3	0	-3	0.1	0	-0.1	0	0	0	0	0	0	0
6/29/2023 15:04	56802 BENV_T2	1	0	-1	0.3	0	-0.3	-0.92	-0.91	0	0	0	0	0
6/29/2023 15:04	56803 BENV_T1	3	7	4	1.57	1.57	0	0.69	0.68	0	0	0	0	0
6/29/2023 15:10	52403 GRPA_T2	1	3	2	0.1	2	1.9	0.2	0.18	0	0	0	0	0
6/29/2023 15:15	64101 REFR_T1	0	0	0	0	0	0	-0.16	-0.15	0	0	0	0	0
6/29/2023 15:15	52403 GRPA_T2	1	2	1	3.1	2	-1.1	0	0	0	0	0	0	0
6/29/2023 15:15	55101 WERT_T1	0	0	0	0	0	0	-1.91	-1.93	4	4	0	3300	3300
6/29/2023 15:19	59101 WALK_T2	0	0	0	0	0	0	0.89	0.94	1	1	0	600	600
6/29/2023 15:29	59101 WALK_T2	0	0	0	0	0	0	0.89	0.94	1	1	0	600	600
6/29/2023 15:35	11102 EGYP_T1	7	4	-3	0.56	0.9	0.34	0	0	0	0	0	0	0
6/29/2023 16:00	52402 GRPA_T2	3	4	1	0.23	0	-0.23	0	0	0	0	0	0	0
6/29/2023 16:04	58803 COCO_T1	1	1	0	1.9	1.8	-0.1	-0.17	-0.08	1	1	0	600	600
6/29/2023 16:11	61202 REIN_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
6/29/2023 16:17	52402 GRPA_T2	3	3	0	1.47	0	-1.47	0	0	0	0	0	0	0
6/29/2023 16:24	40901 JESH_T1	1	2	1	1.4	1.1	-0.3	0	0	0	0	0	0	0
6/29/2023 16:28	42201 SHEN_T2	0	0	0	0	0	0	0.76	0.75	0	0	0	0	0
6/29/2023 16:58	58401 MORO_T1	3	3	0	0.87	1	0.13	0	0	0	0	0	0	0
6/29/2023 18:38	46506 LOHA_T1	0	0	0	0	0	0	-0.13	-0.15	0	0	0	0	0
6/29/2023 18:42	46503 LOHA_T1	0	0	0	0	0	0	-0.54	-0.53	0	0	0	0	0
6/29/2023 20:18	40101 HUNT_T2	2	0	-2	0.55	0	-0.55	-0.36	-0.4	0	0	0	0	0
6/29/2023 20:21	16301 ALPA_T1	1	1	0	0.2	0.4	0.2	-0.99	-0.97	0	0	0	0	0
6/29/2023 20:33	41901 REED_T1	8	9	1	0.31	0.3	-0.01	0	0	0	0	0	0	0
6/29/2023 20:33	12701 MACU_T1	0	0	0	0	0	0	-0.9	-0.92	1	1	0	1200	1200
6/29/2023 20:34	47402 PENS_T1	0	1	1	0	0	0	0	0	0	0	0	0	0
6/29/2023 21:37	41902 REED_T1	1	2	1	0.1	0	-0.1	0	0	0	0	0	0	0
6/29/2023 22:37	65603 QVIL_T2	1	1	0	9.3	9.4	0.1	0	0	0	0	0	0	0
6/29/2023 22:38	20402 ASHF_T2	3	0	-3	0.2	0	-0.2	0	0	0	0	0	0	0
6/29/2023 22:40	64301 LINC_T1	0	0	0	0	0	0	-0.1	-0.07	1	1	0	600	600
6/29/2023 22:42	52502 PROG_T2	0	0	0	0	0	0	0.61	0.57	0	0	0	0	0
6/29/2023 22:42	67502 WEWI_T2	6	0	-6	0.13	0	-0.13	-1.1	-1.15	1	1	0	900	900
6/29/2023 22:43	28604 BLYT_T2	0	0	0	0	0	0	-1.17	-1.2	0	0	0	0	0
6/29/2023 22:45	56802 BENV_T2	0	1	1	0	0.5	0.5	-0.46	-0.54	0	0	0	0	0
6/30/2023 0:28	48902 FOSP_T2	0	0	0	0	0	0	-0.58	-0.54	0	0	0	0	0
6/30/2023 0:28	66702 STRA_T1	0	0	0	0	0	0	-0.75	-0.78	1	1	0	900	900
6/30/2023 0:28	67502 WEWI_T2	0	0	0	0	0	0	-1.41	-1.4	1	1	0	900	900
6/30/2023 0:28	29402 BELT_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
6/30/2023 0:28	11104 EGYP_T1	0	0	0	0	0	0	0.59	0.55	0	0	0	0	0
6/30/2023 0:28	66504 SMAN_T2	0	0	0	0	0	0	-2.9	-3.02	2	2	0	2400	2400
6/30/2023 0:28	67503 WEWI_T2	0	0	0	0	0	0	-0.23	-0.24	0	0	0	0	0
6/30/2023 0:28	56501 ROCK_T2	2	3	1	0.2	0.33	0.13	0	0	0	0	0	0	0
6/30/2023 0:28	10805 CHHI_T2	1	1	0	8.4	8.2	-0.2	-1.09	-1.22	1	1	0	600	600
6/30/2023 0:28	66505 SMAN_T2	0	0	0	0	0	0	0.86	0.88	2	2	0	1800	1800
6/30/2023 0:28	49804 UNIV_T1	0	2	2	0	0.2	0.2	0.5	0.53	0	0	0	0	0
6/30/2023 0:28	64101 REFR_T1	0	0	0	0	0	0	0.26	0.24	0	0	0	0	0
6/30/2023 0:28	13704 SCHN_T2	0	0	0	0	0	0	-0.27	-0.28	0	0	0	0	0
6/30/2023 0:28	28403 HART_T2	1	1	0	6.6	7.1	0.5	-1.22	-1.18	2	2	0	1800	1800
6/30/2023 0:28	52401 GRPA_T2	1	0	-1	0.2	0	-0.2	0	0	0	0	0	0	0
6/30/2023 0:28	58803 COCO_T1	2	2	0	3.9	3.75	-0.15	-4.34	-4.48	0	0	0	0	0
6/30/2023 0:28	53501 EVIL_T2	15	13	-2	0.26	0.24	-0.02	-1.79	-1.92	0	0	0	0	0
6/30/2023 0:28	44801 EDAN_T2	1	1	0	0.4	0.2	-0.2	0	0	0	0	0	0	0
6/30/2023 0:28	58402 MORO_T1	0	0	0	0	0	0	-1.18	-1.25	2	2	0	1500	1500
6/30/2023 0:28	40501 CRES_T2	2	0	-2	0.1	0	-0.1	0	0	0	0	0	0	0
6/30/2023 0:28	56801 BENV_T1	10	18	8	0.44	0.89	0.45	0	0	0	0	0	0	0
6/30/2023 0:28	63403 HONY_T2	0	0	0	0	0	0	-0.41	-0.42	1	1	0	600	600
6/30/2023 0:28	64201 KINZ_T1	1	1	0	0.9	1	0.1	1.46	1.42	0	0	0	0	0
6/30/2023 0:28	61202 REIN_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
6/30/2023 0:28	52403 GRPA_T2	0	0	0	0	0	0	0.03	-0.03	0	0	0	0	0
6/30/2023 0:28	66702 STRA_T1	0	0	0	0	0	0	-0.75	-0.78	1	1	0	900	900
6/30/2023 0:28	59101 WALK_T2	0	0	0	0	0	0	6.2	6.65	0	0	0	0	0
6/30/2023 0:28	45602 WODL_T1	0	0	0	0	0	0	0.49	0.45	0	0	0	0	0
6/30/2023 0:28	55101 WERT_T1	0	0	0	0	0	0	-3.15	-3.24	4	4	0	3600	3600
6/30/2023 0:28	41902 REED_T1	0	0	0	0	0	0	0.93	0.93	0	0	0	0	0
6/30/2023 0:28	40902 JESH_T1	0	0	0	0	0	0	-0.4	-0.46	2	2	0	1200	1200
6/30/2023 0:28	26402 INOR_T1	0	3	3	0	0.1	0.1	-0.35	-0.34	0	0	0	0	0
6/30/2023 0:28	52004 LING_T2	1	1	0	0.7	0.8	0.1	0	0	0	0	0	0	0
6/30/2023 0:28	16302 ALPA_T2	0	0	0	0	0	0	0.68	0.65	0	0	0	0	0
6/30/2023 0:28	24105 EHAZ_T1	4	4	0	6.15	6.05	-0.1	0	0	0	0	0	0	0
6/30/2023 0:28	47403 PENS_T1	1	1	0	2.3	2.5	0.2	0	0	0	0	0	0	0
6/30/2023 0:28	60101 COCA_T1	0	0	0	0	0	0	0.39	0.35	0	0	0	0	0
6/30/2023 0:28	64202 KINZ_T1	3	3	0	0.97	0.47	-0.5	0	0	0	0	0	0	0
6/30/2023 0:28	57303 MOAL_T2	1	1	0	7.8	7.9	0.1	0	0	0	0	0	0	0
6/30/2023 0:28	63404 HONY_T1	2	2	0	8.2	8.1	-0.1	0	0	0	0	0	0	0
6/30/2023 0:28	48302 ORWI_T2	2	2	0	1.35	1.2	-0.15	-0.22	-0.24	0	0	0	0	0
6/30/2023 0:28	15001 BLMO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
6/30/2023 0:28	52502 PROG_T2	0	0	0	0	0	0	0.75	0.75	0	0	0	0	0
6/30/2023 0:28	56802 BENV_T2	1	1	0	0.8	0.2	-0.6	-1.3	-1.32	0	0	0	0	0
6/30/2023 0:28	47802 MOCA_T2	0	0	0	0	0	0	-0.94	-0.95	0	0	0	0	0
6/30/2023 0:28	42201 SHEN_T2	0	0	0	0	0	0	0.46	0.47	0	0	0	0	0
6/30/2023 0:28	41602 CLEV_T1	0	0	0	0	0	0	0	0	3	3	0	1800	1800
6/30/2023 0:28	61801 EELI_T2	0	0	0	0	0	0	-0.38	-0.4	0	0	0	0	0
6/30/2023 1:03	67502 WEWI_T2	0	0	0	0	0	0	-1.43	-1.44	1	1	0	900	900
6/30/2023 8:32	58402 MORO_T1	0	0	0	0	0	0	-1.86	-1.79	3	3	0	2400	2400
6/30/2023 9:15	58402 MORO_T1	0	1	1	0	0	0	-1.75	-1.61	3	3	0	2400	2400
6/30/2023 9:29	64201 KINZ_T1	0	0	0	0	0	0	0.07	0.16	3	3	0	1500	1500
6/30/2023 9:30	42002 MNVL_T2	1	1	0	3.6	3.3	-0.3	0	0	0	0	0	0	0
6/30/2023 9:31	40902 JESH_T1	0	0	0	0	0	0	-0.25	-0.22	3	3	0	1800	1800
6/30/2023 9:33	43202 MVIL_T2	0	0	0	0	0	0	-0.51	-0.51	0	0	0	0	0
6/30/2023 9:37	42201 SHEN_T2	0	0	0	0	0	0	0.53	0.52	0	0	0	0	0
6/30/2023 9:51	56802 BENV_T2	3	2	-1	0.37	0.4	0.03	-0.49	-0.43	0	0	0	0	0
6/30/2023 9:51	17501 FACT_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
6/30/2023 10:00	12604 MACA_T1	0	0	0	0	0	0	0.56	0.59	0	0	0	0	0
6/30/2023 10:00	64204 KINZ_T1	1	2	1	0.7	1.1	0.4	0	0	0	0	0	0	0
6/30/2023 10:00	56802 BENV_T2	2	1	-1	0.4	0.5	0.1	-0.49	-0.43	0	0	0	0	0
6/30/2023 10:00	17501 FACT_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
6/30/2023 10:00	56601 HAMP_T1	33	32	-1	0.23	0.19	-0.04	0.18	0.3	0	0	0	0	0
6/30/2023 10:00	49804 UNIV_T1	1	2	1	0.4	0.5	0.1	1.54	1.43	0	0	0	0	0
6/30/2023 10:00	52503 PROG_T2	0	0	0	0	0	0	-0.49	-0.42	1	1	0	900	900
6/30/2023 10:00	64801 MONE_T2	0	0	0	0	0	0	0.47	0.52	0	0	0	0	0
6/30/2023 10:00	67604 WARW_T1	0	0	0	0	0	0	0.15	0.17	0	0	0	0	0
6/30/2023 10:07	59101 WALK_T2	0	0	0	0	0	0	1.83	1.77	0	0	0	0	0
6/30/2023 10:10	20401 ASHF_T2	1	3	2	0.2	0.43	0.23	0	0	0	0	0	0	0
6/30/2023 10:10	15001 BLMO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
6/30/2023 10:12	40101 HUNT_T2	0	0	0	0	0	0	-0.26	-0.26	0	0	0	0	0
6/30/2023 10:12	28403 HART_T2	1	1	0	7.4	7.4	0	-0.57	-0.58	1	1	0	900	900
6/30/2023 10:14	53501 EVIL_T2	0	0	0	0	0	0	0.28	0.14	1	1	0	600	600
6/30/2023 10:16	12701 MACU_T1	0	0	0	0	0	0	0.19	0.2	0	0	0	0	0
6/30/2023 10:20	52502 PROG_T2	0	0	0	0	0	0	-0.43	-0.38	1	1	0	900	900
6/30/2023 10:21	67502 WEWI_T2	0	0	0	0	0	0	-0.85	-0.8	1	1	1	0	900
6/30/2023 10:23	28601 BLYT_T2	0	1	1	0	0	0	0	0	0	0	0	0	0
6/30/2023 10:24	44802 EDAN_T2	0	0	0	0	0	0	-1.41	-1.45	1	1	0	1200	1200
6/30/2023 10:24	45602 WODL_T1	0	0	0	0	0	0	0.56	0.56	0	0	0	0	0
6/30/2023 10:24	58803 COCO_T1	2	2	0	1.05	2.25	1.2	-0.68	-0.65	1	1	0	600	600
6/30/2023 10:29	64204 KINZ_T1	2	1	-1	0.7	1.1	0.4	0	0	0	0	0	0	0
6/30/2023 10:34	66504 SMAN_T2	0	0	0	0	0	0	-1.98	-1.9	2	2	0	2400	2400
6/30/2023 10:38	16302 ALPA_T2	0	0	0	0	0	0	0	-0.08	0	0	0	0	0
6/30/2023 10:38	67503 WEWI_T2	0	0	0	0	0	0	0.22	0.17	0	0	0	0	0
6/30/2023 10:44	57303 MOAL_T2	1	1	0	6.8	7	0.2	0	0	0	0	0	0	0
6/30/2023 10:45	64203 KINZ_T1	0	1	1	0	0.2	0.2	-0.19	-0.08	3	3	0	2100	2100
6/30/2023 10:47	65604 QVIL_T2	0	0	0	0	0	0	0.29	0.32	0	0	0	0	0
6/30/2023 10:48	52502 PROG_T2	0	0	0	0	0	0	-0.38	-0.39	1	1	0	900	900
6/30/2023 10:49	59101 WALK_T2	0	0	0	0	0	0	2.01	1.6	0	0	0	0	0
6/30/2023 10:52	66505 SMAN_T2	0	0	0	0	0	0	0.25	0.34	3	3	0	2100	2100
6/30/2023 10:53	55101 WERT_T1	0	2	2	0	0.2	0.2	-1.44	-1.36	4	4	0	3300	3300
6/30/2023 10:59	28403 HART_T2	1	1	0	7.7	7.1	-0.6	-0.53	-0.48	1	1	0	900	900
6/30/2023 11:00	63403 HONY_T2	0	0	0	0	0	0	-0.09	-0.07	1	1	0	600	600
6/30/2023 11:05	61202 REIN_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
6/30/2023 11:05	66505 SMAN_T2	0	0	0	0	0	0	0.34	0.43	3	3	0	2100	2100
6/30/2023 11:05	55101 WERT_T1	1	2	1	0.2	0.2	0	-1.36	-1.56	4	4	0	3300	3300
6/30/2023 11:06	29401 BELT_T1	2	0	-2	0.1	0	-0.1	0	0	1	0	-1	900	0
6/30/2023 11:10	10805 CHHI_T2	11	10	-1	1.5	2.66	1.16	-1.21	-1.26	2	2	0	1800	1800
6/30/2023 11:11	11104 EGYP_T1	0	5	5	0	0.7	0.7	0.98	0.98	0	0	0	0	0
6/30/2023 11:12	29401 BELT_T1	2	0	-2	0.1	0	-0.1	0	0	1	0	-1	900	0
6/30/2023 11:13	40902 JESH_T1	0	0	0	0	0	0	-0.22	-0.26	3	3	0	1800	1800
6/30/2023 11:14	52403 GRPA_T2	1	2	1	0.2	0	-0.2	0.37	-0.26	0	0	0	0	0
6/30/2023 11:18	52502 PROG_T2	0	0	0	0	0	0	-0.331	-0.27	1	1	0	900	900
6/30/2023 11:20	54001 SDLE_T1	5	2	-3	0.42	0.85	0.43	0	0	1	1	0	600	600
6/30/2023 11:21	29402 BELT_T1	72	59	-13	0.63	0.53	-0.1	0	0	0	0	0	0	0
6/30/2023 11:22	56504 ROCK_T2	0	0	0	0	0	0	0.06	-0.1	0	0	0	0	0
6/30/2023 11:27	11104 EGYP_T1	5	5	0	0.7	0.8	0.1	0.98	1.06	0	0	0	0	0
6/30/2023 11:32	47401 PENS_T1	0	0	0	0	0	0	0.2	0.27	0	0	0	0	0
6/30/2023 11:32	61202 REIN_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
6/30/2023 11:42	41602 CLEV_T1	1	1	0	0.5	0.3	-0.2	0	0	3	3	0	1800	1800
6/30/2023 11:50	47401 PENS_T1	0	1	1	0	0.2	0.2	0.3	0.4	0	0	0	0	0
6/30/2023 11:57	58803 COCO_T1	2	1	-1	1.1	2.1	1	-0.26	-0.16	1	1	0	600	600
6/30/2023 11:59	29401 BELT_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
6/30/2023 12:31	48302 ORWI_T2	2	2	0	0.65	0.7	0.05	0.06	0.12	0	0	0	0	0
6/30/2023 13:05	52502 PROG_T2	0	0	0	0	0	0	-0.21	-0.21	1	1	0	900	900
6/30/2023 13:15	52401 GRPA_T2	0	1	1	0	0	0	0	0	0	0	0	0	0
6/30/2023 13:59	44502 HAMI_T2	1	1	0	1.6	1.8	0.2	-0.44	-0.42	0	0	0	0	0
6/30/2023 14:13	62604 ENGL_T1	0	0	0	0	0	0	-1.03	-1.02	1	1	0	600	600
6/30/2023 14:28	64301 LINC_T1	0	0	0	0	0	0	-0.41	-0.3	1	1	0	600	600
6/30/2023 14:32	42903 MIDD_T2	2	2	0	0.45	0.45	0	-1.11	-0.91	1	1	0	1200	1200
6/30/2023 14:35	55101 WERT_T1	0	0	0	0	0	0	-1.93	-2	4	4	0	3300	3300
6/30/2023 14:37	64101 REFR_T1	4	6	2	0.6	0.65	0.05	-0.07	-0.1	0	0	0	0	0
6/30/2023 14:44	52403 GRPA_T2	0	0	0	0	0	0	-0.48	-0.46	0	0	0	0	0
6/30/2023 14:47	46302 ROHR_T1	2	2	0	1.3	0.55	-0.75	0.3	0.31	0	0	0	0	0
6/30/2023 14:48	47403 PENS_T1	1	1	0	2.7	2.6	-0.1	0	0	0	0	0	0	0
6/30/2023 14:57	52404 GRPA_T2	0	1	1	0	0	0	0.37	0.37	0	0	0	0	0
6/30/2023 14:58	48901 FOSP_T2	0	1	1	0	0	0	-0.111	-0.1	1	1	0	600	600
6/30/2023 14:59	27101 GFLD_T2	2	3	1	0.4	0.4	0	0.56	0.58	0	0	0	0	0
6/30/2023 15:00	63404 HONY_T1	3	5	2	4.77	7.1	2.33	0	0	0	0	0	0	0
6/30/2023 15:18	41901 REED_T1	4	4	0	0.23	0.4	0.17	0	0	0	0	0	0	0
6/30/2023 15:22	59101 WALK_T2	0	0	0	0	0	0	0.87	0.96	2	2	0	1050	1050
6/30/2023 15:29	52403 GRPA_T2	0	2	2	0	0	0	0	0	0	0	0	0	0
6/30/2023 15:34	59101 WALK_T2	0	0	0	0	0	0	0.96	1	2	2	0	1050	1050
6/30/2023 15:49	59101 WALK_T2	0	0	0	0	0	0	1	0.9	2	2	0	1050	1050
6/30/2023 16:05	64101 REFR_T1	0	4	4	0	0	0	-0.07	-0.12	0	0	0	0	0
6/30/2023 16:10	42701 AUGU_T1	0	1	1	0	0	0	0	0	2	2	0	1800	1800
6/30/2023 16:26	60101 COCA_T1	0	0	0	0	0	0	1	0.93	0	0	0	0	0
6/30/2023 17:18	64702 LITI_T2	0	0	0	0	0	0	0.04	0.05	0	0	0	0	0
6/30/2023 17:20	65804 RTWN_T1	0	0	0	0	0	0	0.88	0.85	1	1	0	600	600
6/30/2023 17:28	59101 WALK_T2	2	2	0	0.25	0	-0.25	1.18	0.62	2	3	1	1050	1650
6/30/2023 17:30	64702 LITI_T2	0	0	0	0	0	0	0.05	0.04	0	0	0	0	0
6/30/2023 18:38	56802 BENV_T2	1	1	0	0.1	0.4	0.3	-0.71	-0.77	0	0	0	0	0
6/30/2023 18:41	16103 BING_T2	0	1	1	0	0.2	0.2	0	0	0	0	0	0	0
6/30/2023 18:41	56801 BENV_T1	5	15	10	0.3	0.54	0.24	-0.19	-0.21	1	1	0	600	600
6/30/2023 20:06	59101 WALK_T2	0	0	0	0	0	0	0.49	0.93	3	2	-1	1650	1050
6/30/2023 20:06	56802 BENV_T2	1	2	1	0.8	0.6	-0.2	-0.87	-0.86	0	0	0	0	0
6/30/2023 20:13	28403 HART_T2	1	1	0	6.2	6	-0.2	-0.4	-0.41	1	1	0	900	900
6/30/2023 20:14	52403 GRPA_T2	2	2	0	0.6	1	0.4	-0.45	-0.47	0	0	0	0	0
6/30/2023 20:16	40101 HUNT_T2	0	0	0	0	0	0

Appendix C - Grid Benefits Achieved in Each Instance of Active Management

7/1/2023 0:28	28403 HART_T2	1	1	0	6.9	6.9	0	-0.65	-0.65	1	1	0	900	900	0
7/1/2023 0:28	41902 REED_T1	0	0	0	0	0	0	1	1.15	0	0	0	0	0	0
7/1/2023 0:28	63402 HONY_T2	1	1	0	0.7	0.7	0	0	0	0	0	0	0	0	0
7/1/2023 0:28	64101 REFR_T1	0	0	0	0	0	0	0.6	0.58	0	0	0	0	0	0
7/1/2023 0:28	40902 JESH_T1	0	0	0	0	0	0	-0.55	-0.57	2	2	0	1200	1200	0
7/1/2023 0:28	55101 WERT_T1	0	0	0	0	0	0	-3.11	-3.09	4	4	0	3600	3600	0
7/1/2023 0:28	46302 ROHR_T1	3	3	0	0.87	0.97	0.1	0.19	0.19	0	0	0	0	0	0
7/1/2023 0:28	54001 SDLE_T1	3	2	-1	0.33	0.55	0.22	0	0	1	1	0	600	600	0
7/1/2023 0:28	61202 REIN_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
7/1/2023 0:28	66505 SMAN_T2	0	0	0	0	0	0	0.06	-0.01	2	2	0	1500	1500	0
7/1/2023 0:28	58803 COCO_T1	2	2	0	3.2	3.35	0.15	-1.83	-1.94	0	0	0	0	0	0
7/1/2023 0:28	52403 GRPA_T2	0	0	0	0	0	0	-0.34	-0.38	0	0	0	0	0	0
7/1/2023 0:28	56501 ROCK_T2	9	11	2	0.52	0.63	0.11	0	0	0	0	0	0	0	0
7/1/2023 0:28	52502 PROG_T2	0	0	0	0	0	0	1.57	1.48	0	0	0	0	0	0
7/1/2023 0:28	59101 WALK_T2	0	0	0	0	0	0	3.24	3.09	3	3	0	1350	1350	0
7/1/2023 0:28	42903 MIDD_T2	2	0	-2	1.15	0	-1.15	-0.36	-0.3	1	0	-1	1200	0	-1200
7/1/2023 0:28	62604 ENGL_T1	0	0	0	0	0	0	-1.3	-1.34	1	1	0	600	600	0
7/1/2023 0:28	60101 COCA_T1	0	0	0	0	0	0	0.42	0.42	0	0	0	0	0	0
7/1/2023 0:28	15001 BLMO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
7/1/2023 0:28	47401 PENS_T1	0	0	0	0	0	0	-0.57	-0.75	0	0	0	0	0	0
7/1/2023 0:28	65804 RTWN_T1	0	0	0	0	0	0	0.23	0.19	1	1	0	600	600	0
7/1/2023 8:35	65804 RTWN_T1	0	0	0	0	0	0	0.14	0.1	1	1	0	600	600	0
7/1/2023 9:04	59101 WALK_T2	0	0	0	0	0	0	1.59	1.23	0	0	0	0	0	0
7/1/2023 9:22	29402 BELT_T1	38	41	3	0.45	0.45	0	0	0	0	0	0	0	0	0
7/1/2023 9:31	25402 LAHA_T2	0	0	0	0	0	0	-0.69	-0.55	0	0	0	0	0	0
7/1/2023 9:34	43201 MVIL_T2	1	0	-1	0.3	0	-0.3	0	0	0	0	0	0	0	0
7/1/2023 9:40	44502 HAMI_T2	1	1	0	1.9	1.8	-0.1	-0.65	-0.64	0	0	0	0	0	0
7/1/2023 9:50	59101 WALK_T2	0	0	0	0	0	0	1.33	1.13	1	1	0	450	450	0
7/1/2023 9:52	15001 BLMO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
7/1/2023 10:00	64802 MONE_T2	1	1	0	0.2	0.6	0.4	0	0	0	0	0	0	0	0
7/1/2023 10:00	52503 PROG_T2	0	0	0	0	0	0	-0.49	-0.45	1	1	0	900	900	0
7/1/2023 10:00	55101 WERT_T1	0	0	0	0	0	0	-1.43	-1.31	3	3	0	2400	2400	0
7/1/2023 10:00	67604 WARW_T1	0	0	0	0	0	0	0.09	0.12	0	0	0	0	0	0
7/1/2023 10:00	56601 HAMP_T1	48	17	-31	0.22	0.19	-0.03	0.33	0.23	0	0	0	0	0	0
7/1/2023 10:00	12605 MACA_T1	1	1	0	0.9	0	-0.9	0	0	0	0	0	0	0	0
7/1/2023 10:00	66505 SMAN_T2	0	0	0	0	0	0	0.35	-0.09	3	4	1	1700	2300	600
7/1/2023 10:07	66505 SMAN_T2	0	0	0	0	0	0	-0.09	0.03	3	4	1	1700	2300	600
7/1/2023 10:09	45602 WOOL_T1	21	30	9	0.35	0.38	0.03	0.12	0.1	0	0	0	0	0	0
7/1/2023 10:09	20401 ASHF_T2	1	2	1	0.4	0	-0.4	0	0	0	0	0	0	0	0
7/1/2023 10:09	41602 CLEV_T1	2	1	-1	0.2	0.2	0	0	0	3	3	0	1800	1800	0
7/1/2023 10:12	44502 HAMI_T2	1	1	0	1.8	2.3	0.5	-0.63	-0.55	0	0	0	0	0	0
7/1/2023 10:12	28403 HART_T2	1	1	0	7.4	7.7	0.3	-0.51	-0.49	1	1	0	900	900	0
7/1/2023 10:14	52404 GRPA_T2	0	0	-1	0.1	0	-0.1	0	0	0	0	0	0	0	0
7/1/2023 10:15	12701 MACU_T1	0	1	1	0	0	0	0.21	0.2	0	0	0	0	0	0
7/1/2023 10:18	46302 ROHR_T1	3	5	2	0.63	0.2	-0.43	0.23	0.25	0	0	0	0	0	0
7/1/2023 10:19	52502 PROG_T2	1	0	-1	0.3	0	-0.3	-0.4	-0.38	1	1	0	900	900	0
7/1/2023 10:22	66504 SMAN_T2	0	0	0	0	0	0	-2.54	-2.28	2	2	0	2400	2400	0
7/1/2023 10:23	15001 BLMO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
7/1/2023 10:23	61202 REIN_T1	0	0	0	0	0	0	0	0	1	1	0	900	900	0
7/1/2023 10:29	63403 HONY_T2	0	0	0	0	0	0	-0.46	-0.41	1	1	0	600	600	0
7/1/2023 10:34	61202 REIN_T1	0	0	0	0	0	0	0	0	1	1	0	900	900	0
7/1/2023 10:39	42701 AUGU_T1	0	0	0	0	0	0	0	0	2	2	0	1800	1800	0
7/1/2023 10:39	67204 TEHI_T2	0	0	0	0	0	0	-0.04	-0.06	0	0	0	0	0	0
7/1/2023 10:40	15001 BLMO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
7/1/2023 10:41	28604 BLYT_T2	0	0	0	0	0	0	-1.08	-1.18	0	0	0	0	0	0
7/1/2023 10:43	64204 KINZ_T1	1	1	0	0.4	1.1	0.7	0	0	0	0	0	0	0	0
7/1/2023 10:46	44203 POIN_T2	3	5	2	0.83	1.68	0.85	0.24	0.4	1	1	0	900	900	0
7/1/2023 10:47	65604 QVIL_T2	0	0	0	0	0	0	0.17	0.15	0	0	0	0	0	0
7/1/2023 10:48	47403 PENS_T1	1	1	0	2.5	2.3	-0.2	0	0	0	0	0	0	0	0
7/1/2023 10:48	64802 MONE_T2	1	1	0	0.6	0.5	-0.1	0	0	0	0	0	0	0	0
7/1/2023 10:49	42201 SHEN_T2	0	0	0	0	0	0	0.62	0.71	0	0	0	0	0	0
7/1/2023 10:50	59101 WALK_T2	0	2	2	0	0.7	0.7	1.37	1.39	1	1	0	450	450	0
7/1/2023 10:56	42701 AUGU_T1	0	0	0	0	0	0	0	0	2	2	0	1800	1800	0
7/1/2023 11:00	42902 MIDD_T2	0	0	0	0	0	0	-1.16	-1.09	1	1	0	600	600	0
7/1/2023 11:05	29401 BELT_T1	0	0	0	0	0	0	0	0	1	1	0	900	900	0
7/1/2023 11:06	47403 PENS_T1	1	1	0	2.3	2.3	0	0	0	0	0	0	0	0	0
7/1/2023 11:08	10805 CHHI_T2	1	1	0	8.4	8.5	0.1	-1.23	-1.16	1	1	0	600	600	0
7/1/2023 11:09	61801 EEU_T2	0	0	0	0	0	0	-1.24	-1.08	2	2	0	1200	1200	0
7/1/2023 11:13	27101 GFLD_T2	3	3	0	0.25	0.3	0.05	0.6	0.57	0	0	0	0	0	0
7/1/2023 11:15	61802 EEU_T2	0	1	1	0	0	0	0	0	0	0	0	0	0	0
7/1/2023 11:18	52502 PROG_T2	0	0	0	0	0	0	-0.34	-0.36	1	1	0	900	900	0
7/1/2023 11:24	58803 COCO_T1	2	2	0	1.45	1.5	0.05	-0.57	-0.51	1	1	0	600	600	0
7/1/2023 11:25	11101 EGYP_T1	0	1	1	0	0	0	0	0	0	0	0	0	0	0
7/1/2023 11:37	16302 ALPA_T2	0	0	0	0	0	0	-0.33	-0.32	0	0	0	0	0	0
7/1/2023 11:37	10602 BLGL_T2	1	1	0	9.4	9.8	0.4	0.49	0.54	0	0	0	0	0	0
7/1/2023 11:40	15001 BLMO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
7/1/2023 11:43	11104 EGYP_T1	8	7	-1	1.66	1.45	-0.21	1.05	1.06	0	0	0	0	0	0
7/1/2023 11:50	59101 WALK_T2	0	0	0	0	0	0	1.42	1.28	1	1	0	450	450	0
7/1/2023 12:02	41901 REED_T1	0	1	1	0	0.2	0.2	0	0	0	0	0	0	0	0
7/1/2023 13:01	42002 MNVL_T2	1	1	0	3.4	3.1	-0.3	0	0	0	0	0	0	0	0
7/1/2023 13:06	47403 PENS_T1	1	1	0	1.4	1.9	0.5	0	0	0	0	0	0	0	0
7/1/2023 13:57	58803 COCO_T1	2	3	1	1.2	0.95	-0.25	-0.23	-0.4	1	1	0	600	600	0
7/1/2023 14:08	29402 BELT_T1	181	164	-17	0.91	1.29	0.38	0	0	0	0	0	0	0	0
7/1/2023 14:14	64204 KINZ_T1	1	1	0	0.5	0.6	0.1	0	0	0	0	0	0	0	0
7/1/2023 14:21	59101 WALK_T2	0	0	0	0	0	0	0.47	0.56	2	2	0	1050	1050	0
7/1/2023 14:25	67503 WEWI_T2	1	0	-1	0.2	0	-0.2	-0.34	-0.2	0	0	0	0	0	0
7/1/2023 14:29	64204 KINZ_T1	1	1	0	0.5	0.6	0.1	0	0	0	0	0	0	0	0
7/1/2023 14:32	44203 POIN_T2	0	5	5	0	0.66	0.66	0.5	0.35	1	1	0	900	900	0
7/1/2023 14:39	67502 WEWI_T2	0	0	0	0	0	0	-0.86	-0.92	1	1	0	900	900	0
7/1/2023 14:39	29402 BELT_T1	147	123	-24	1.36	1.38	0.02	0	0	0	0	0	0	0	0
7/1/2023 14:46	44203 POIN_T2	5	5	0	0.66	0.35	-0.31	0.35	0.34	1	1	0	900	900	0
7/1/2023 14:46	28403 HART_T2	3	1	-2	4.53	7.4	2.87	-0.45	-0.46	1	1	0	900	900	0
7/1/2023 14:47	52502 PROG_T2	0	0	0	0	0	0	-0.26	-0.29	1	1	0	900	900	0
7/1/2023 14:52	55101 WERT_T1	0	0	0	0	0	0	-1.33	-1.29	3	3	0	2400	2400	0
7/1/2023 15:09	15001 BLMO_T1	3	1	-2	0.4	0.4	0	0	0	0	0	0	0	0	0
7/1/2023 15:35	14401 SSLA_T1	1	1	0	0.6	0.6	0	0	0	0	0	0	0	0	0
7/1/2023 15:46	52403 GRPA_T2	1	1	0	0.4	0	-0.4	-0.55	-0.58	0	0	0	0	0	0
7/1/2023 15:53	56801 BENV_T1	5	10	5	0.24	0.52	0.28	0	0	0	0	0	0	0	0
7/1/2023 15:58	52403 GRPA_T2	1	1	0	0.4	0	-0.4	-0.58	-0.53	0	0	0	0	0	0
7/1/2023 17:28	64702 LITI_T2	0	0	0	0	0	0	-0.16	-0.15	0	0	0	0	0	0
7/1/2023 17:34	58401 MORO_T1	1	2	1	0.4	0.6	0.2	0	0	0	0	0	0	0	0
7/1/2023 17:34	44203 POIN_T2	1	6	5	0.1	0	-0.1	0.46	0.45	1	1	0	900	900	0
7/1/2023 17:43	64702 LITI_T2	0	0	0	0	0	0	-0.15	-0.18	0	0	0	0	0	0
7/1/2023 20:07	20403 ASHF_T2	0	0	0	0	0	0	0.66	0.63	0	0	0	0	0	0
7/1/2023 20:08	45602 WOOL_T1	54	55	1	0.66	0.76	0.1	0.24	0.24	0	0	0	0	0	0
7/1/2023 20:11	41601 CLEV_T1	0	1	1	0	2.9	2.9	0	0	0	0	0	0	0	0
7/1/2023 20:15	44502 HAMI_T2	1	1	0	2.9	2.9	0	-0.65	-0.61	0	0	0	0	0	0
7/1/2023 20:16	28403 HART_T2	1	1	0	7.1	6.9	-0.2	-0.41	-0.45	1	1	0	900	900	0
7/1/2023 20:16	12701 MACU_T1	0	0	0	0	0	0	-0.87	-0.91	1	1	0	1200	1200	0
7/1/2023 20:17	52403 GRPA_T2	0	0	0	0	0	0	-0.49	-0.51	0	0	0	0	0	0
7/1/2023 20:17	52502 PROG_T2	0	0	0	0	0	0	-0.23	-0.29	1	1	0	900	900	0
7/1/2023 20:21	61202 REIN_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
7/1/2023 20:22	46302 ROHR_T1	6	7	1	2.07	0.68	-1.39	-0.34	-0.33	0	0	0	0	0	0
7/1/2023 20:27	63402 HONY_T2	1	1	0	0.8	0.6	-0.2	0	0	0	0	0	0	0	0
7/1/2023 20:35	66505 SMAN_T2	0	0	0	0	0	0	-0.18	-0.15	3	3	0	2100	2100	0
7/1/2023 20:37	42701 AUGU_T1	0	0	0	0	0	0	0	0	2	2	0	1800	1800	0
7/1/2023 20:42	28604 BLYT_T2	0	0	0	0	0	0	-1.13	-1.12	0	0	0	0	0	0
7/1/2023 20:47	64802 MONE_T2	1	1	0	1.2	0	-1.2	0	0	0	0	0	0	0	0
7/1/2023 20:47	47403 PENS_T1	1	1	0	2.4	2.5	0.1	0	0	0	0	0	0	0	0
7/1/2023 20:48	59101 WALK_T2	0	0	0	0	0	0	0.75	0.64	2	1	-1	1050	450	-600
7/1/2023 20:51	65604 QVIL_T2	0	2	2	0	0.15	0.15	0.29	0.27	0	0	0	0	0	0
7/1/2023 20:53	29401 BELT_T1	0	0	0	0	0	0	0	0	1	1	0	900	900	0
7/1/2023 21:04	47403 PENS_T1	1	1	0	2.4	2.5	0.1	0	0	0	0	0	0	0	0
7/1/2023 21:04	42902 MIDD_T2	0	0	0	0	0	0	-1.14	-1.17	1	1	0	600	600	0
7/1/2023 21:09	10805 CHHI_T2	1	1	0	8.4	8	-0.4	-1.25	-1.25	1	1	0	600	600	0
7/1/2023 21:12	61801 EEU_T2	0	0	0	0	0	0	-1.14	-1.18	2	2	0	1200	1200	0
7/1/2023 21:28	11104 EGYP_T1	0	0	0	0	0	0	0.53	0.5	0	0	0	0	0	0
7/1/2023 21:38	16302 ALPA_T2	0	0	0	0	0	0	0.82	0.83	0	0	0	0	0	0
7/1/2023 21:41	11104 EGYP_T1	0	0	0	0	0	0	0.5	0.48	0	0	0	0	0	0
7/1/2023 21:50	29402 BELT_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
7/1/2023 22:18	15001 BLMO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
7/1/2023 22:21	29402 BELT_T1	0	14	14	0	0.19	0.19	0	0	0	0	0	0	0	0
7/2/2023 0:28	64203 KINZ_T1	0	0	0	0	0	0	0.28	0.33	0	0	0	0	0	0
7/2/2023 0:28	52401 GRPA_T2	0	1	1	0	0.1	0.1	0	0	0	0	0	0	0	0
7/2/2023 0:28	27101 GFLD_T2	1	1	0	0	0	0	0.38	0.38	0	0	0	0	0	0
7/2/2023 0:28	56801 BENV_T1	11	18	7	1.06	0.85	-0.21	0	0	0	0	0	0	0	0
7/2/2023 0:28	66504 SMAN_T2	0	0	0	0	0	0	-0.48	-0.64	0	0	0	0	0	0
7/2/2023 0:28	64203 KINZ_T1	0	0	0	0	0	0	0.28	0.33	0	0	0	0	0	0
7/2/2023 0:28	28403 HART_T2	1	1	0	6.8	6.9	0.1	-0.6	-0.6	1	1	0	900	900	0
7/2/2023 0:28	55101 WERT_T1	0	0	0	0	0	0	-2.63	-2.48	4	4	0	3000	3000	0
7/2/2023 0:28	59101 WALK_T2	0	0	0	0	0	0	-0.38	-0.26	0	0	0	0	0	0
7/2/2023 0:28	66505 SMAN_T2	0	0	0	0	0	0	0.14	0.08	2	2	0	1500	1500	0
7/2/2023 0:28	42201 SHEN_T2	0	0	0	0	0	0	0.52	0.5	0	0	0	0	0	0
7/2/2023 0:28	42002 MNVL_T2	1	1	0	3	2.8	-0.2	0	0	0	0	0	0	0	0
7/2/2023 0:28	47401 PENS_T1	0	0	0	0	0	0	1.05	1.06	0	0	0	0	0	0
7/2/2023 0:28	67502 WEWI_T2	0	0	0	0	0	0	-1.24	-1.27	1	1	0	900	900	0
7/2/2023 0:28	15001 BLMO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
7/2/2023 0:28	41902 REED_T1	1	0	-1	0.4	0	-0.4	0.89	0.96	0	0	0	0	0	0
7/2/2023 0:28	64702 LITI_T2	13	60	47	0.1	0.2	0.1	-0.86	-0.9	0	0	0	0	0	0
7/2/2023 0:28	42701 AUGU_T1	1	0	-1	0.2	0	-0.2	0	0	2	2	0	1800	1800	0
7/2/2023 0:28	58402 MORO_T1	0	0	0	0	0	0	-1.3	-1.28	2	2	0	1500	1500	0
7/2/2023 0:28	61202 REIN_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
7/2/2023 0:28	44203 POIN_T2	0	0	0	0	0	0	-0.58	-0.88	3	3	0	2700	2700	0
7/2/2023 0:28	67503 WEWI_T2	0	0	0	0	0	0	-0.11	-0.02	0	0	0	0	0	0
7/2/2023 0:28	52502 PROG_T2	0	0	0	0	0	0	0.96	0.95	0	0	0	0	0	0
7/2/2023 0:28	58803 COCO_T1	2	2	0	3.2	3.4	0.2	-3.92	-3.78	0	0	0	0	0	0
7/2/2023 0:28	14403 SSLA_T1	0	0	0	0	0	0	0.85	0.81	0	0	0	0	0	0
7/2/2023 8:15	64703 LITI_T2	13	0	-13	0.15	0	-0.15	0	0	0	0	0	0	0	0
7/2/2023 8:29	64703 LITI_T2	1	0	-1	0.2	0	-0.2	-0.45	-0.41	0	0	0	0	0	0
7/2/2023 9:15	29402 BELT_T1	46	51	5	0.46	0.56	0.1	0	0	0	0	0	0	0	0
7/2/2023 9:32	43202 MVIL_T2	1	0	-1	0.1	0	-0.1	-0.6	-0.59	0	0	0	0	0	0
7/2/2023 9:40	42201 SHEN_T2	0	0	0	0	0	0	0.57	0.57	0	0	0	0	0	0
7/2/2023 9:59	40101 HUNT_T2	0	0	0	0	0	0	-0.5	-0.5	0	0	0	0	0	0
7/2/2023 10:00	52403 GRPA_T2	0	0	0	0	0	0	-0.53	-0.56	0	0	0	0	0	0
7/2/2023 10:00	67604 WARW_T1	0	0	0	0	0	0	0.22	0.21	0	0	0	0	0	0
7/2/2023 10:00	12601 MACA_T1	0	1	1	0	0	0	0	0	0	0	0	0	0	0
7/2/2023 10:00	64802 MONE_T2	1	0	-1	1.5	0	-1.5	0	0	0	0	0	0	0	0
7/2/2023 10:00	66505 SMAN_T2	0	0	0	0	0	0	0.23	0.25	3	3	0	2100	2100	0
7/2/2023 10:00	44203 POIN_T2	6	9	3	3.08	1.41	-1.67	0	0.02	1	1	0	900	900	0
7/2/2023 10:00	56601 HAMP_T1	14	109	95	0.15	0.19	0.04	0.31	0.39	0	0	0	0	0	0
7/2/2023 10:00	52503 PROG_T2	0	0	0	0	0	0	-0.36	-0.41	1	1	0	900	900	0
7/2/2023 10:01	40902 JESH_T1	0	0	0	0	0	0	-0.44	-0.45	2	2	0	1200	1200	0
7/2/2023 10:01	42201 SHEN_T2	0	0	0	0	0	0	0.57	0.57	0	0	0	0	0	0
7/2/2023 10:09	20401 ASHF_T2	1	1	0	0.3	0	-0.3	0	0	0	0	0	0	0	0
7/2/2023 10:13	41602 CLEV_T1	3	1	-2	0.23	0	-0.23	0	0	3	3	0	1800	1800	0
7/2/2023 10:14	45602 WOOL_T1	50	39	-11	0.57	0.48	-0.09	0.29	0.26	0	0	0	0	0	0
7/2/2023 10:16	28403 HART_T2	1	1	0	7.9	6.9	-1	-0.4	-0.38	1	1	0	900	900	0
7/2/2023 10:17	52403 GRPA_T2	0	0	0	0	0	0	-0.56	-0.58	0	0	0	0	0	0
7/2/2023 10:21	66504 SMAN_T2	0	0	0	0	0	0	-2.22	-1.94	2	2	0	2400	2400	0
7/2/2023 10:22	46302 ROHR_T1

Appendix C - Grid Benefits Achieved in Each Instance of Active Management

7/2/2023 14:29	63401 HONY_T1	0	0	0	0	0	0	-0.17	-0.2	1	1	0	600	600	0
7/2/2023 14:31	42002 MNVL_T2	1	1	0	3	2.7	-0.3	0	0	0	0	0	0	0	0
7/2/2023 14:35	52401 GRPA_T2	1	5	4	0.1	0.3	0.2	0	0	0	0	0	0	0	0
7/2/2023 14:39	55101 WERT_T1	0	5	5	0	0	0	-1.41	-1.41	3	3	0	2400	2400	0
7/2/2023 14:39	42701 AUGU_T1	0	0	0	0	0	0	0	0	2	2	0	1800	1800	0
7/2/2023 14:41	44801 EDAN_T2	1	4	3	1.6	0.9	-0.7	0	0	0	0	0	0	0	0
7/2/2023 14:44	12704 MACU_T1	5	5	0	0.22	0.26	0.04	0	0	0	0	0	0	0	0
7/2/2023 14:48	57304 MOAL_T2	0	2	2	0	0.4	0.4	-0.36	-0.25	0	0	0	0	0	0
7/2/2023 14:48	52402 GRPA_T2	0	4	4	0	0.35	0.35	0	0	0	0	0	0	0	0
7/2/2023 14:51	52502 PROG_T2	0	0	0	0	0	0	0.06	0.09	1	1	0	900	900	0
7/2/2023 14:55	51604 DUKE_T2	0	1	1	0	0.2	0.2	-2.3	-2.2	1	1	0	900	900	0
7/2/2023 14:56	42701 AUGU_T1	0	1	1	0	0	0	0	0	2	2	0	1800	1800	0
7/2/2023 14:58	44801 EDAN_T2	1	4	3	1	1.23	0.23	0	0	0	0	0	0	0	0
7/2/2023 15:36	29402 BELT_T1	80	81	1	0.88	0.78	-0.1	0	0	0	0	0	0	0	0
7/2/2023 15:42	53501 EVIL_T2	0	557	557	0	0	0	-0.14	-0.12	0	0	0	0	0	0
7/2/2023 15:47	47403 PENS_T1	1	1	0	1.9	1.9	0	0	0	0	0	0	0	0	0
7/2/2023 15:47	29401 BELT_T1	0	0	0	0	0	0	0	0	1	1	0	900	900	0
7/2/2023 15:49	14404 SSLA_T1	0	2	2	0	0	0	0	0	0	0	0	0	0	0
7/2/2023 16:07	56801 BENV_T1	4	3	-1	0.23	0.55	0.32	-0.65	-0.62	2	2	0	1200	1200	0
7/2/2023 16:14	11104 EGYP_T1	6	7	1	0.83	0.43	-0.4	0.23	0.27	1	1	0	900	900	0
7/2/2023 16:24	59101 WALK_T2	3	4	1	0.47	0	-0.47	1.44	0.89	1	2	1	450	1050	600
7/2/2023 20:02	44203 POIN_T2	0	2	2	0	0	0	-0.06	-0.07	1	1	0	900	900	0
7/2/2023 20:06	52403 GRPA_T2	3	1	-2	0.87	0	-0.87	-0.49	-0.4	0	0	0	0	0	0
7/2/2023 20:07	66505 SMAN_T2	2	2	0	1.15	0.4	-0.75	-0.09	0	4	4	0	2300	2300	0
7/2/2023 20:07	20401 ASHF_T2	1	0	-1	0.5	0	-0.5	0	0	0	0	0	0	0	0
7/2/2023 20:11	41602 CLEV_T1	0	0	0	0	0	0	0	0	3	3	0	1800	1800	0
7/2/2023 20:12	45602 WOOL_T1	12	23	11	0.36	0.37	0.01	0.27	0.22	0	0	0	0	0	0
7/2/2023 20:19	28403 HART_T2	1	1	0	6.4	6.1	-0.3	-0.41	-0.39	1	1	0	900	900	0
7/2/2023 20:21	46302 ROHR_T1	5	3	-2	2.56	1.2	-1.36	-0.31	-0.31	0	0	0	0	0	0
7/2/2023 20:24	28601 BLYT_T2	1	1	0	0.1	0.5	0.4	0	0	0	0	0	0	0	0
7/2/2023 20:32	44203 POIN_T2	0	0	0	0	0	0	-0.03	-0.1	1	1	0	900	900	0
7/2/2023 20:36	52502 PROG_T2	0	0	0	0	0	0	0.07	0.04	1	1	0	900	900	0
7/2/2023 20:48	41902 REED_T1	5	8	3	0.72	0.2	-0.52	1.12	1.18	0	0	0	0	0	0
7/2/2023 20:49	65604 QVIL_T2	1	1	0	0.2	0.2	0	0.48	0.46	0	0	0	0	0	0
7/2/2023 20:56	16302 ALPA_T2	0	2	2	0	0	0	-0.41	-0.47	0	0	0	0	0	0
7/2/2023 20:57	44502 HAMI_T2	1	1	0	2.7	2.8	0.1	-0.6	-0.62	0	0	0	0	0	0
7/2/2023 21:01	64202 KINZ_T1	2	2	0	0.2	0.3	0.1	0	0	0	0	0	0	0	0
7/2/2023 21:08	44901 SCOT_T2	0	0	0	0	0	0	-0.36	-0.34	0	0	0	0	0	0
7/2/2023 21:11	10805 CHHI_T2	1	1	0	8.7	8.5	-0.2	-1.08	-1.1	1	1	0	600	600	0
7/2/2023 22:26	29402 BELT_T1	0	28	28	0	0	0	0	0	0	0	0	0	0	0
7/2/2023 22:40	52403 GRPA_T2	2	2	0	0.3	0.95	0.65	-0.6	-0.61	0	0	0	0	0	0
7/3/2023 0:28	52404 GRPA_T2	0	0	0	0	0	0	-0.28	-0.4	0	0	0	0	0	0
7/3/2023 0:28	66504 SMAN_T2	0	0	0	0	0	0	-2.5	-2.46	2	2	0	2400	2400	0
7/3/2023 0:28	63403 HONY_T2	0	0	0	0	0	0	-0.32	-0.36	1	1	0	600	600	0
7/3/2023 0:28	52404 GRPA_T2	0	0	0	0	0	0	-0.28	-0.4	0	0	0	0	0	0
7/3/2023 0:28	57303 MOAL_T2	1	1	0	8.4	8.2	-0.2	0	0	0	0	0	0	0	0
7/3/2023 0:28	12701 MACU_T1	0	1	1	0	0	0	-2.02	-2.1	2	2	0	2400	2400	0
7/3/2023 0:28	67503 WEWI_T2	0	0	0	0	0	0	-0.6	-0.61	0	0	0	0	0	0
7/3/2023 0:28	55101 WERT_T1	0	0	0	0	0	0	-1.21	-1.24	2	2	0	1500	1500	0
7/3/2023 0:28	42701 AUGU_T1	1	1	0	0.4	0.6	0.2	0	0	4	4	0	3600	3600	0
7/3/2023 0:28	64201 KINZ_T1	1	1	0	0.7	1.1	0.4	-0.67	-0.38	3	2	-1	1500	1200	-300
7/3/2023 0:28	48302 ORWI_T2	2	2	0	0.9	0.4	-0.5	-0.15	-0.15	0	0	0	0	0	0
7/3/2023 0:28	42001 MNVL_T2	0	0	0	0	0	0	0.14	0.11	0	0	0	0	0	0
7/3/2023 0:28	11104 EGYP_T1	0	0	0	0	0	0	0.71	0.67	0	0	0	0	0	0
7/3/2023 0:28	11102 EGYP_T1	0	0	0	0	0	0	-0.21	-0.23	0	0	0	0	0	0
7/3/2023 0:28	59101 WALK_T2	0	0	0	0	0	0	0.93	0.9	1	1	0	450	450	0
7/3/2023 0:28	66504 SMAN_T2	0	0	0	0	0	0	-2.5	-2.46	2	2	0	2400	2400	0
7/3/2023 0:28	56803 BENV_T1	0	0	0	0	0	0	0.43	0.36	0	0	0	0	0	0
7/3/2023 0:28	59402 RFLD_T2	0	0	0	0	0	0	-0.74	-0.74	1	1	0	450	450	0
7/3/2023 0:28	14403 SSLA_T1	0	0	0	0	0	0	0.75	0.71	0	0	0	0	0	0
7/3/2023 0:28	58402 MORO_T1	0	0	0	0	0	0	-2.78	-2.82	4	4	0	3000	3000	0
7/3/2023 0:28	56801 BENV_T1	18	22	4	0.67	1.27	0.6	-0.62	-0.64	1	1	0	600	600	0
7/3/2023 0:28	64202 KINZ_T1	3	3	0	0.5	0.37	-0.13	0	0	0	0	0	0	0	0
7/3/2023 0:28	47403 PENS_T1	0	1	1	0	2.6	2.6	0	0	0	0	0	0	0	0
7/3/2023 0:28	63401 HONY_T1	0	0	0	0	0	0	0	0	1	1	0	600	600	0
7/3/2023 0:28	61202 REIN_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
7/3/2023 0:28	29402 BELT_T1	22	43	21	0.28	0.48	0.2	0	0	0	0	0	0	0	0
7/3/2023 0:28	44802 EDAN_T2	0	0	0	0	0	0	-3.28	-3.26	2	2	0	2400	2400	0
7/3/2023 0:28	51604 DUKE_T2	0	0	0	0	0	0	-1.42	-1.4	1	1	0	900	900	0
7/3/2023 0:28	52502 PROG_T2	0	0	0	0	0	0	1.86	1.74	0	0	0	0	0	0
7/3/2023 0:28	53501 EVIL_T2	13	10	-3	0.26	0.4	0.14	-0.56	-0.65	0	0	0	0	0	0
7/3/2023 0:28	27101 GFLD_T2	1	1	0	0	0	0	0.44	0.42	0	0	0	0	0	0
7/3/2023 0:32	58803 COCO_T1	2	2	0	3.15	3.15	0	-1.7	-1.7	0	0	0	0	0	0
7/3/2023 2:03	60101 COCA_T1	0	0	0	0	0	0	0.39	0.4	0	0	0	0	0	0
7/3/2023 8:15	64702 LITI_T2	0	0	0	0	0	0	-0.43	-0.41	0	0	0	0	0	0
7/3/2023 8:31	64702 LITI_T2	0	0	0	0	0	0	-0.41	-0.36	0	0	0	0	0	0
7/3/2023 8:36	65804 RTWN_T1	0	0	0	0	0	0	0.7	0.72	1	1	0	600	600	0
7/3/2023 8:46	44502 HAMI_T2	1	1	0	1.7	1.7	0	-0.58	-0.61	0	0	0	0	0	0
7/3/2023 9:02	58402 MORO_T1	0	0	0	0	0	0	-1.58	-1.59	3	3	0	2400	2400	0
7/3/2023 9:20	29402 BELT_T1	20	31	11	0.21	0.28	0.07	0	0	0	0	0	0	0	0
7/3/2023 9:28	25402 LAHA_T2	0	0	0	0	0	0	-0.61	-0.59	0	0	0	0	0	0
7/3/2023 9:31	43202 MVIL_T2	0	0	0	0	0	0	-0.48	-0.45	0	0	0	0	0	0
7/3/2023 9:33	42002 MNVL_T2	1	1	0	2.9	3.3	0.4	0	0	0	0	0	0	0	0
7/3/2023 9:52	20401 ASHF_T2	0	1	1	0	0	0	0	0	0	0	0	0	0	0
7/3/2023 9:54	56802 BENV_T2	1	1	0	1.1	0.9	-0.2	-0.97	-0.94	0	0	0	0	0	0
7/3/2023 10:00	12606 MACA_T1	0	8	8	0	0.1	0.1	0	0	0	0	0	0	0	0
7/3/2023 10:00	52503 PROG_T2	0	0	0	0	0	0	-0.37	-0.36	1	1	0	900	900	0
7/3/2023 10:00	56601 HAMP_T1	62	20	-42	0.22	0.19	-0.03	0.3	0.2	0	0	0	0	0	0
7/3/2023 10:00	64801 MONE_T2	0	0	0	0	0	0	0.68	0.68	0	0	0	0	0	0
7/3/2023 10:00	66504 SMAN_T2	0	2	2	0	0.1	0.1	0	0	0	0	0	0	0	0
7/3/2023 10:00	67604 WARW_T1	0	0	0	0	0	0	0.33	0.4	0	0	0	0	0	0
7/3/2023 10:06	64502 LAVI_T1	62	65	3	3.44	3.28	-0.16	0	0	0	0	0	0	0	0
7/3/2023 10:07	15001 BLMO_T1	0	1	1	0	0	0	0	0	0	0	0	0	0	0
7/3/2023 10:07	45602 WOOL_T1	0	40	40	0	0.44	0.44	0.07	0.08	0	0	0	0	0	0
7/3/2023 10:09	44301 BEAV_T2	1	0	-1	0.2	0	-0.2	0.62	0.71	1	1	0	600	600	0
7/3/2023 10:09	59101 WALK_T2	0	2	2	0	0	0	1.67	1.59	1	1	0	450	450	0
7/3/2023 10:12	11102 EGYP_T1	3	3	0	0.97	1.17	0.2	0	0	0	0	0	0	0	0
7/3/2023 10:13	44801 EDAN_T2	1	1	0	0.3	0.3	0	0	0	0	0	0	0	0	0
7/3/2023 10:14	28403 HART_T2	1	2	1	5.2	5.2	0	-0.48	-0.48	1	1	0	900	900	0
7/3/2023 10:15	52403 GRPA_T2	0	1	1	0	0	0	0	0	0	0	0	0	0	0
7/3/2023 10:16	64203 KINZ_T1	2	2	0	1.15	1.5	0.35	0	0	0	0	0	0	0	0
7/3/2023 10:17	47401 PENS_T1	0	1	1	0	0.3	0.3	0.35	0.29	0	0	0	0	0	0
7/3/2023 10:18	61202 REIN_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
7/3/2023 10:21	47401 PENS_T1	0	1	1	0	0.3	0.3	0.29	0.29	0	0	0	0	0	0
7/3/2023 10:22	15001 BLMO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
7/3/2023 10:22	25801 SUTR_T2	0	0	0	0	0	0	0.32	0.35	0	0	0	0	0	0
7/3/2023 10:23	66505 SMAN_T2	1	1	0	0.9	0.1	-0.8	0.2	0.4	4	3	-1	2300	2100	-200
7/3/2023 10:23	16302 ALPA_T2	0	0	0	0	0	0	-0.09	-0.05	0	0	0	0	0	0
7/3/2023 10:25	11102 EGYP_T1	3	4	1	1.17	1.6	0.43	0	0	0	0	0	0	0	0
7/3/2023 10:26	52403 GRPA_T2	0	1	1	0	0	0	-0.49	-0.45	0	0	0	0	0	0
7/3/2023 10:34	44203 POIN_T2	7	7	0	2.44	1.73	-0.71	0.28	0.34	1	1	0	900	900	0
7/3/2023 10:36	66504 SMAN_T2	2	0	-2	0.45	0	-0.45	-1.22	-1.42	2	2	0	2400	2400	0
7/3/2023 10:38	15001 BLMO_T1	1	0	-1	0.2	0	-0.2	0	0	0	0	0	0	0	0
7/3/2023 10:38	59101 WALK_T2	1	1	0	0.9	0.3	-0.6	1.32	1.41	1	1	0	450	450	0
7/3/2023 10:39	58803 COCO_T1	2	3	1	1.5	1.25	-0.25	-0.25	-0.28	1	1	0	600	600	0
7/3/2023 10:39	28604 BLYT_T2	0	0	0	0	0	0	-1.01	-1.01	0	0	0	0	0	0
7/3/2023 10:46	64204 KINZ_T1	1	1	0	0.7	1	0.3	0	0	0	0	0	0	0	0
7/3/2023 10:46	52502 PROG_T2	0	0	0	0	0	0	-0.26	-0.24	1	1	0	900	900	0
7/3/2023 10:49	61202 REIN_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
7/3/2023 10:49	65604 QVIL_T2	0	0	0	0	0	0	0.43	0.48	0	0	0	0	0	0
7/3/2023 10:51	42701 AUGU_T1	0	0	0	0	0	0	0	0	2	2	0	1800	1800	0
7/3/2023 10:51	67503 WEWI_T2	0	0	0	0	0	0	0.25	0.25	0	0	0	0	0	0
7/3/2023 10:53	41602 CLEV_T1	0	0	0	0	0	0	0	0	3	3	0	1800	1800	0
7/3/2023 11:02	64801 MONE_T2	0	0	0	0	0	0	0.75	-0.06	0	0	0	0	0	0
7/3/2023 11:03	41901 REED_T1	11	11	0	0.41	0.45	0.04	0	0	0	0	0	0	0	0
7/3/2023 11:03	44203 POIN_T2	6	7	1	1.73	1.63	-0.1	0.34	0.24	1	1	0	900	900	0
7/3/2023 11:05	29402 BELT_T1	4	5	1	0.3	0.22	-0.08	0	0	0	0	0	0	0	0
7/3/2023 11:05	58402 MORO_T1	0	0	0	0	0	0	-1.69	-1.65	3	3	0	2400	2400	0
7/3/2023 11:07	54001 SDLE_T1	1	1	0	0.7	0.9	0.2	0	0	1	1	0	600	600	0
7/3/2023 11:09	42701 AUGU_T1	0	0	0	0	0	0	0	0	2	2	0	1800	1800	0
7/3/2023 11:09	55101 WERT_T1	0	0	0	0	0	0	-1.67	-1.72	4	4	0	3300	3300	0
7/3/2023 11:11	48902 FOSP_T2	0	0	0	0	0	0	0.96	-0.35	0	1	1	0	1200	1200
7/3/2023 11:13	52404 GRPA_T2	4	4	0	0	0	0	0.97	0.86	0	0	0	0	0	0
7/3/2023 11:13	63403 HONY_T2	0	0	0	0	0	0	-0.74	-0.66	1	1	0	600	600	0
7/3/2023 11:14	44802 EDAN_T2	0	0	0	0	0	0	-1.22	-1.16	1	1	0	1200	1200	0
7/3/2023 11:16	64204 KINZ_T1	1	1	0	1	1	0	0	0	0	0	0	0	0	0
7/3/2023 11:18	47401 PENS_T1	0	0	0	0	0	0	0.35	0.29	0	0	0	0	0	0
7/3/2023 11:26	10805 CHHI_T2	1	1	0	8.1	8.5	0.4	-0.9	-0.79	1	1	0	600	600	0
7/3/2023 11:29	53501 EVIL_T2	0	0	0	0	0	0	-0.17	-0.12	0	0	0	0	0	0
7/3/2023 11:34	46302 ROHR_T1	3	2	-1	0.43	0.35	-0.08	-0.29	-0.27	0	0	0	0	0	0
7/3/2023 11:39	24105 EHAZ_T1	4	4	0	6.83	5.93	-0.9	0	0	0	0	0	0	0	0
7/3/2023 11:40	58803 COCO_T1	2	2	0	1.45	1.4	-0.05	-0.22	-0.09	1	1	0	600	600	0
7/3/2023 11:42	62606 ENGL_T1	3	3	0	0.93	1.4	0.47	0	0	0	0	0	0	0	0
7/3/2023 11:42	29402 BELT_T1	5	92	87	0.22	0.86	0.64	0	0	0	0	0	0	0	0
7/3/2023 11:45	60101 COCA_T1	1	0	-1	0.5	0	-0.5	0.97	0.97	0	0	0	0	0	0
7/3/2023 11:55	24101 EHAZ_T1	33	33	0	1.08	0.82	-0.26	0.83	0.8	1	1	0	600	600	0
7/3/2023 12:12	52402 GRPA_T2	2	3	1	0.75	0.8	0.05	0	0	0	0	0	0	0	0
7/3/2023 12:16	45002 LIME_2	1	1	0	1	0.2	-0.8	0	0	0	0	0	0	0	0
7/3/2023 12:55	27102 GFLD_T2	1	2	1	0.5	0.7	0.2	0	0	0	0	0	0	0	0
7/3/2023 13:39	59101 WALK_T2	1	8	7	0.7	0.1	-0.6	1.34	1.07	2	2	0	1050	1050	0
7/3/2023 13:43	44505 HAMI_T2	8	15	7	0.84	0.74	-0.1	0	0	0	0	0	0	0	0
7/3/2023 13:58	52403 GRPA_T2	0	7	7	0	0.1	0.1	-0.31	-0.15	0	0	0	0	0	0
7/3/2023 14:06	64101 REFR_T1	10	11	1	2.81	1.53	-1.28	-0.07	0.03	0	0	0	0	0	0
7/3/2023 14:06	29402 BELT_T1	96	97	1	0.97	0.89	-0.08	0	0	0	0	0	0	0	0
7/3/2023 14:24	59101 WALK_T2	2	1	-1	0.2	0	-0.2	0.86	1	2	2	0	1050	1050	0
7/3/2023 14:26	53501 EVIL_T2	0	0	0	0	0	0	-0.58	-0.67	1	1	0	600	600	0
7/3/2023 14:28	63401 HONY_T1	0	0	0	0	0	0	0.45	0.43	1	1	0	600	600	0
7/3/2023 14:33	52502 PROG_T2	1	0	-1	1.1	0	-1.1	0.07	0.08	1	1	0	900	900	0
7/3/2023 14:36	55101 WERT_T1	0	0	0	0	0	0	-1.83	-1.82	4	4	0	3300	3300	0
7/3/2023 14:36	65901 SAKR_T2	0	0	0	0	0	0	-0.15	-0.25	2	2	0	1500	1500	0
7/3/2023 14:36	26001 WDAM_T1	38	7	-31	0.68	0.58	-0.1	-1.3	-1.32	0	0	0	0	0	0
7/3/2023 14:41	53501 EVIL_T2	0	0	0	0	0	0	-0.67	-0.77	1	1	0	600	600	0
7/3/2023 14:41	48902 FOSP_T2	0	0	0	0	0	0	0.14	0.09	0	0	0	0	0	0
7/3/2023 14:46	12704 MACU_T1	5	3	-2	0.22	0	-0.22	0	0	0	0	0	0	0	0
7/3/2023 14:48	52502 PROG_T2	0	0	0	0	0	0	0.08	0.17	1	1	0	900	900	0
7/3/2023 14:48	42301 SHEN_T2	0	0	0	0	0	0	0.83	0.85	0	0	0	0	0	0
7/3/2023 14:50	48302 ORWI_T2	1	2	1	0.2	0.2	0	-0.21	-0.08	0	0	0	0	0	0
7/3/2023 14:50	59101 WALK_T2	0	0	0	0	0	0	0.92	1.1	2	2	0	1050	1050	0
7/3/2023 14:57	40901 JESH_T1	1	1	0	2	1.3	-0.7	0	0	0	0	0	0	0	0
7/3/2023 14:59	48901 FOSP_T2	0	0	0	0	0	0	-0.23	-0.25	1	1	0	600	600	0
7/3/2023 15:07	10602 BLGL_T2	1	33	32	6.9	1.19	-5.71	0.47	1.54	0	0	0	0	0	0
7/3/2023 15:09	55101 WERT_T1	0	2	2	0	0	0	-1.87	-1.68	4	4	0	3300	3300	0
7/3/2023 15:21	67503 WEWI_T2	0	0	0	0	0	0	-0.66	-0.65	1	1	0	900	900	0
7/3/2023 15:22	55101 WERT_T1	0	2	2	0	0	0	-1.68	-1.7	4	4	0	3300	3300	0
7/3/2023 15:22	65901 SAKR_T2	0	0	0	0	0	0	-0.05	-0.14	2	2	0	1500	1500	0
7/3/2023 15:32	57303 MOAL_T2	1	1	0	8.1	8.1	0	0	0	0	0	0	0	0	0
7/3/2023 15:56	56501 ROCK_T2	2	4	2	0.6	0.33	-0.27	-1.38	-1.39	0	0	0	0	0	0
7/3/2023 20:04	64503 LAVI_T1	0	0	0	0	0	0	0.03	0.03	1	1	0	1200	1200	0
7/3/2023 20:07	59101 WALK_T2

Appendix C - Grid Benefits Achieved in Each Instance of Active Management

7/4/2023 0:28	44502 HAMI_T2	1	1	0	2.9	3.2	0.3	-0.68	-0.7	0	0	0	0	0	0
7/4/2023 0:28	63404 HONY_T1	2	2	0	7.4	7.75	0.35	0	0	0	0	0	0	0	0
7/4/2023 0:28	52403 GRPA_T2	0	0	0	0	0	0	-0.82	-0.86	0	0	0	0	0	0
7/4/2023 0:28	52401 GRPA_T2	0	1	1	0	0.7	0.7	0	0	0	0	0	0	0	0
7/4/2023 0:28	57303 MOAL_T2	1	1	0	7.6	7.3	-0.3	0	0	0	0	0	0	0	0
7/4/2023 0:28	64204 KINZ_T1	1	1	0	0.8	1.2	0.4	0	0	0	0	0	0	0	0
7/4/2023 0:28	63402 HONY_T2	1	1	0	0.5	0.6	0.1	0	0	0	0	0	0	0	0
7/4/2023 0:28	58402 MORO_T1	0	0	0	0	0	0	-2.04	-2.04	3	3	0	2400	2400	0
7/4/2023 0:28	55101 WERT_T1	0	0	0	0	0	0	-7.52	-7.82	12	12	0	9600	9600	0
7/4/2023 0:28	62607 ENGL_T1	8	2	-6	0.51	0.2	-0.31	0	0	0	0	0	0	0	0
7/4/2023 0:28	54001 SOLE_T1	1	1	0	0.6	0.8	0.2	0	0	1	1	0	600	600	0
7/4/2023 0:28	42701 AUGU_T1	1	1	0	1.5	1.7	0.2	0	0	2	2	0	1800	1800	0
7/4/2023 0:28	47403 PENS_T1	1	1	0	2.7	2.7	0	0	0	0	0	0	0	0	0
7/4/2023 0:28	66504 SMAN_T2	0	0	0	0	0	0	-2.56	-2.82	2	2	0	2400	2400	0
7/4/2023 0:28	26001 WDAM_T1	12	13	1	0.43	0.45	0.02	-0.98	-0.98	0	0	0	0	0	0
7/4/2023 0:28	25801 SUTR_T2	0	0	0	0	0	0	0.24	0.26	0	0	0	0	0	0
7/4/2023 0:28	46302 ROHR_T1	1	3	2	0.6	0.63	0.03	-0.39	-0.39	0	0	0	0	0	0
7/4/2023 0:28	44801 EDAN_T2	1	1	0	0.7	0.4	-0.3	0	0	0	0	0	0	0	0
7/4/2023 0:28	56501 ROCK_T2	2	3	1	0.1	0.3	0.2	-1.33	-1.37	0	0	0	0	0	0
7/4/2023 0:28	67502 WEWI_T2	0	0	0	0	0	0	-1.19	-1.19	1	1	0	900	900	0
7/4/2023 0:28	60101 COCA_T1	0	0	0	0	0	0	0.55	0.5	0	0	0	0	0	0
7/4/2023 0:28	27101 GFLD_T2	1	1	0	0	0	0	0.48	0.46	0	0	0	0	0	0
7/4/2023 0:28	12701 MACU_T1	0	0	0	0	0	0	-0.98	-0.98	1	1	0	1200	1200	0
7/4/2023 0:28	58803 COCO_T1	2	2	0	2.85	2.85	0	-3.26	-3.22	0	0	0	0	0	0
7/4/2023 0:33	42201 SHEN_T2	0	0	0	0	0	0	0.8	0.8	0	0	0	0	0	0
7/4/2023 8:14	64702 LITI_T2	0	0	0	0	0	0	-0.42	-0.35	0	0	0	0	0	0
7/4/2023 8:18	58402 MORO_T1	0	0	0	0	0	0	-1.02	-0.99	2	2	0	1500	1500	0
7/4/2023 8:29	64702 LITI_T2	0	0	0	0	0	0	-0.35	-0.52	0	0	0	0	0	0
7/4/2023 8:31	58402 MORO_T1	0	0	0	0	0	0	-0.99	-0.96	2	2	0	1500	1500	0
7/4/2023 8:36	65804 RTWN_T1	0	0	0	0	0	0	0.59	0.62	1	1	0	600	600	0
7/4/2023 9:20	11102 EGYP_T1	3	3	0	1	0.83	-0.17	0	0	0	0	0	0	0	0
7/4/2023 9:24	29402 BELT_T1	6	0	-6	0.18	0	-0.18	0	0	0	0	0	0	0	0
7/4/2023 9:39	25801 SUTR_T2	0	0	0	0	0	0	0.25	0.28	0	0	0	0	0	0
7/4/2023 9:42	44502 HAMI_T2	1	1	0	1	1.1	0.1	-0.49	-0.51	0	0	0	0	0	0
7/4/2023 9:47	41901 REED_T1	2	3	1	0.3	0.27	-0.03	-1.94	-1.93	1	1	0	900	900	0
7/4/2023 9:47	42002 MNVL_T2	1	3	2	0.4	3.4	0	0	0	0	0	0	0	0	0
7/4/2023 9:51	20403 ASHF_T2	0	0	0	0	0	0	0.74	0.79	0	0	0	0	0	0
7/4/2023 9:59	64204 KINZ_T1	1	1	0	0.4	0.2	-0.2	0	0	0	0	0	0	0	0
7/4/2023 10:00	12606 MACA_T1	13	16	3	0.52	0.15	-0.37	0	0	0	0	0	0	0	0
7/4/2023 10:00	52503 PROG_T2	0	0	0	0	0	0	-0.31	-0.31	1	1	0	900	900	0
7/4/2023 10:00	44203 POIN_T2	7	10	3	1.19	1.01	-0.18	0.4	0.41	1	1	0	900	900	0
7/4/2023 10:00	67604 WARW_T1	0	0	0	0	0	0	0.31	0.35	0	0	0	0	0	0
7/4/2023 10:01	66504 SMAN_T2	1	2	1	0	0.1	0.1	0	0	0	0	0	0	0	0
7/4/2023 10:08	56802 BENV_T2	2	1	-1	0.45	0.6	0.15	-0.89	-0.94	0	0	0	0	0	0
7/4/2023 10:08	56803 BENV_T1	0	2	2	0	3	3	0.74	0.74	0	0	0	0	0	0
7/4/2023 10:09	45602 WOOL_T1	0	1	1	0	0	0	0.76	0.76	0	0	0	0	0	0
7/4/2023 10:11	44802 EDAN_T2	0	0	0	0	0	0	-1.7	-1.74	0	0	0	0	0	0
7/4/2023 10:13	63402 HONY_T2	1	1	0	0.5	0.5	0	0	0	0	0	0	0	0	0
7/4/2023 10:13	28403 HART_T2	1	1	0	4.7	4.7	0	-0.36	-0.31	1	1	0	900	900	0
7/4/2023 10:15	52401 GRPA_T2	0	4	4	0	0.27	0.27	0	0	0	0	0	0	0	0
7/4/2023 10:16	47401 PENS_T1	1	0	-1	0.1	0	-0.1	0.27	0.28	0	0	0	0	0	0
7/4/2023 10:17	61202 REIN_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
7/4/2023 10:18	66503 SMAN_T2	0	1	1	0	0.2	0.2	0	0	0	0	0	0	0	0
7/4/2023 10:18	52502 PROG_T2	0	0	0	0	0	0	-0.18	-0.12	1	1	0	900	900	0
7/4/2023 10:21	46302 ROHR_T1	3	5	2	0.43	0.4	-0.03	-0.29	-0.27	0	0	0	0	0	0
7/4/2023 10:24	56803 BENV_T1	2	1	-1	1.75	3.1	1.35	0.74	0.78	0	0	0	0	0	0
7/4/2023 10:24	58803 COCO_T1	1	1	0	2.1	1.8	-0.3	-0.05	-0.15	1	1	0	600	600	0
7/4/2023 10:27	41602 CLEV_T1	0	3	3	0	0.3	0.3	0	0	3	3	0	1800	1800	0
7/4/2023 10:29	64203 KINZ_T1	1	1	0	0.1	0.1	0	-0.32	-0.28	2	2	0	900	900	0
7/4/2023 10:29	27101 GFLD_T2	4	6	2	0.77	0.5	-0.27	0.56	0.55	0	0	0	0	0	0
7/4/2023 10:32	40902 JESH_T1	0	0	0	0	0	0	-0.45	-0.42	2	2	0	1200	1200	0
7/4/2023 10:34	61202 REIN_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
7/4/2023 10:35	66505 SMAN_T2	0	1	1	0	0	0	0.5	0.54	4	4	0	2300	2300	0
7/4/2023 10:35	44203 POIN_T2	9	14	5	1.27	0.6	-0.67	0.61	0.52	1	1	0	900	900	0
7/4/2023 10:40	16302 ALPA_T2	0	0	0	0	0	0	-0.31	-0.31	0	0	0	0	0	0
7/4/2023 10:40	28602 BLYT_T2	0	1	1	0	0	0	0	0	0	0	0	0	0	0
7/4/2023 10:40	67503 WEWI_T2	0	0	0	0	0	0	0.43	0.41	0	0	0	0	0	0
7/4/2023 10:48	65603 QVIL_T2	1	1	0	7.7	7.5	-0.2	0	0	0	0	0	0	0	0
7/4/2023 10:50	44901 SCOT_T2	0	0	0	0	0	0	0.23	0	0	0	0	0	0	0
7/4/2023 10:50	48302 ORWI_T2	2	3	1	0.65	0.6	-0.05	0.24	0.28	0	0	0	0	0	0
7/4/2023 10:51	47403 PENS_T1	1	1	0	2.1	2.3	0.2	0	0	0	0	0	0	0	0
7/4/2023 10:53	60101 COCA_T1	0	1	1	0	0.2	0.2	-0.33	-0.29	0	1	1	0	1200	1200
7/4/2023 10:59	64203 KINZ_T1	1	1	0	0.6	0.6	0	0	0	0	0	0	0	0	0
7/4/2023 11:01	40902 JESH_T1	0	0	0	0	0	0	-0.42	-0.37	2	2	0	1200	1200	0
7/4/2023 11:03	47401 PENS_T1	0	0	0	0	0	0	0.36	0.41	0	0	0	0	0	0
7/4/2023 11:04	40501 CRES_T2	9	9	0	0.51	0.48	-0.03	0.02	0.03	0	0	0	0	0	0
7/4/2023 11:09	10805 CHHI_T2	13	10	-3	1.61	2.39	0.78	-0.53	-0.44	1	1	0	600	600	0
7/4/2023 11:10	29401 BELT_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
7/4/2023 11:10	20403 ASHF_T2	0	0	0	0	0	0	1.04	1.04	0	0	0	0	0	0
7/4/2023 11:11	52403 GRPA_T2	0	1	1	0	0.3	0.3	0	0	0	0	0	0	0	0
7/4/2023 11:14	48901 FOSP_T2	0	0	0	0	0	0	-0.31	-0.28	1	1	0	600	600	0
7/4/2023 11:15	52402 GRPA_T2	4	6	2	0.55	0.5	-0.05	0	0	0	0	0	0	0	0
7/4/2023 11:19	52502 PROG_T2	1	0	-1	1.7	0	-1.7	0.04	0.08	1	1	0	900	900	0
7/4/2023 11:28	48901 FOSP_T2	0	0	0	0	0	0	-0.28	-0.32	1	1	0	600	600	0
7/4/2023 11:30	12701 MACU_T1	2	2	0	0.4	0	-0.4	-0.74	-0.73	1	1	0	1200	1200	0
7/4/2023 11:35	11104 EGYP_T1	2	1	-1	0.9	0.7	-0.2	0.14	0.12	1	1	0	900	900	0
7/4/2023 11:45	52402 GRPA_T2	6	29	23	0.88	0.74	-0.14	0	0	0	0	0	0	0	0
7/4/2023 12:12	44505 HAMI_T2	8	5	-3	0.7	0.68	-0.02	0	0	0	0	0	0	0	0
7/4/2023 12:39	29402 BELT_T1	95	87	-8	0.89	0.7	-0.19	0	0	0	0	0	0	0	0
7/4/2023 13:00	43201 MVIL_T2	0	2	2	0	0	0	0	0	0	0	0	0	0	0
7/4/2023 13:15	58803 COCO_T1	125	331	206	0.37	0.39	0.02	0.64	0.54	1	1	0	600	600	0
7/4/2023 13:48	43202 MVIL_T2	2	0	-2	1	0	-1	-0.38	-0.32	0	0	0	0	0	0
7/4/2023 14:03	65901 SAKR_T2	0	0	0	0	0	0	-0.25	-0.29	2	2	0	1500	1500	0
7/4/2023 14:09	42701 AUGU_T1	3	5	2	0.5	0.78	0.28	0	0	2	2	0	1800	1800	0
7/4/2023 14:19	52402 GRPA_T2	61	66	5	0.66	0.62	-0.04	0	0	0	0	0	0	0	0
7/4/2023 14:19	11103 EGYP_T1	1	0	-1	0.4	0	-0.4	0	0	0	0	0	0	0	0
7/4/2023 14:22	10801 CHHI_T1	2	1	-1	0.35	0.1	-0.25	-0.97	-0.97	3	3	0	2100	2100	0
7/4/2023 14:24	58803 COCO_T1	494	524	30	0.52	0.42	-0.1	0.71	0.77	1	1	0	600	600	0
7/4/2023 14:25	53501 EVIL_T2	0	0	0	0	0	0	-0.08	-0.09	0	0	0	0	0	0
7/4/2023 14:29	46602 LACR_T1	1	1	0	0.7	0	-0.7	0.29	0.33	0	0	0	0	0	0
7/4/2023 14:31	42903 MIDD_T2	2	2	0	0.4	0.5	0.1	-1.09	-1.07	1	1	0	1200	1200	0
7/4/2023 14:32	63404 HONY_T1	59	46	-13	0.77	0.83	0.06	0	0	0	0	0	0	0	0
7/4/2023 14:36	67503 WEWI_T2	1	1	0	0.6	0	-0.6	0	0	0	0	0	0	0	0
7/4/2023 14:37	42701 AUGU_T1	5	3	-2	1	0.4	-0.6	0	0	2	2	0	1800	1800	0
7/4/2023 14:39	53601 DALM_T2	1	5	4	6.6	0.8	-5.8	0.18	0.18	0	0	0	0	0	0
7/4/2023 14:40	53501 EVIL_T2	0	0	0	0	0	0	-0.09	-0.07	0	0	0	0	0	0
7/4/2023 14:40	48902 FOSP_T2	0	0	0	0	0	0	-0.05	-0.05	0	0	0	0	0	0
7/4/2023 14:41	29402 BELT_T1	82	96	14	0.77	0.77	0	0	0	0	0	0	0	0	0
7/4/2023 14:45	52404 GRPA_T2	0	1	1	0	0.3	0.3	0	0	0	0	0	0	0	0
7/4/2023 14:48	52502 PROG_T2	2	2	0	1.65	0.3	-1.35	0.41	0.41	1	1	0	900	900	0
7/4/2023 14:56	53501 EVIL_T2	0	0	0	0	0	0	-0.07	-0.01	0	0	0	0	0	0
7/4/2023 15:01	48902 FOSP_T2	0	0	0	0	0	0	-0.05	-0.06	0	0	0	0	0	0
7/4/2023 15:27	52402 GRPA_T2	53	88	35	0.66	0.72	0.06	0	0	0	0	0	0	0	0
7/4/2023 15:27	66505 SMAN_T2	3	1	-2	0.47	0	-0.47	0.32	0.28	4	4	0	2300	2300	0
7/4/2023 15:48	65901 SAKR_T2	0	0	0	0	0	0	-0.42	-0.41	2	2	0	1500	1500	0
7/4/2023 15:49	65603 QVIL_T2	1	1	0	7.3	7.8	0.5	0	0	0	0	0	0	0	0
7/4/2023 15:51	64101 REFR_T1	10	11	1	0.93	0.74	-0.19	-0.26	-0.22	0	0	0	0	0	0
7/4/2023 16:03	64101 REFR_T1	10	11	1	0.74	1.19	0.45	-0.26	-0.22	0	0	0	0	0	0
7/4/2023 16:05	65902 SAKR_T2	0	0	0	0	0	0	-0.76	-0.74	2	2	0	1200	1200	0
7/4/2023 18:41	56803 BENV_T1	9	6	-3	0.82	0.96	0.14	0	0	0	0	0	0	0	0
7/4/2023 18:42	56803 BENV_T1	9	6	-3	0.82	0.96	0.14	0.36	0.41	1	1	0	600	600	0
7/4/2023 20:03	44203 POIN_T2	5	4	-1	1.4	0	-1.4	-0.56	-0.44	2	2	0	2100	2100	0
7/4/2023 20:08	45602 WOOL_T1	0	0	0	0	0	0	0.52	0.47	0	0	0	0	0	0
7/4/2023 20:10	44801 EDAN_T2	1	3	2	1.7	0.9	-0.8	0	0	0	0	0	0	0	0
7/4/2023 20:11	56802 BENV_T2	0	0	0	0	0	0	-0.55	-0.77	0	0	0	0	0	0
7/4/2023 20:12	28403 HART_T2	1	1	0	4.7	4.6	-0.1	-0.26	-0.33	1	1	0	900	900	0
7/4/2023 20:13	52403 GRPA_T2	1	2	1	1.4	0	-1.4	-0.28	-0.31	0	0	0	0	0	0
7/4/2023 20:17	63403 HONY_T2	0	0	0	0	0	0	-1.44	-1.4	1	1	0	600	600	0
7/4/2023 20:18	52502 PROG_T2	0	0	0	0	0	0	0.4	0.35	1	1	0	900	900	0
7/4/2023 20:19	47402 PENS_T1	0	1	1	0	0	0	0	0	0	0	0	0	0	0
7/4/2023 20:20	46302 ROHR_T1	2	4	2	2.1	0	-2.1	0.4	0.39	0	0	0	0	0	0
7/4/2023 20:21	61202 REIN_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
7/4/2023 20:23	56803 BENV_T1	0	0	0	0	0	0	0.29	0.27	1	1	0	600	600	0
7/4/2023 20:25	41602 CLEV_T1	1	1	0	0.1	0	-0.1	0	0	3	3	0	1800	1800	0
7/4/2023 20:25	28602 BLYT_T2	0	1	1	0	0	0	0	0	0	0	0	0	0	0
7/4/2023 20:30	40901 JESH_T1	1	1	0	0.5	0.3	-0.2	0	0	0	0	0	0	0	0
7/4/2023 20:34	44203 POIN_T2	1	2	1	0.1	0	-0.1	-0.39	-0.67	2	2	0	2100	2100	0
7/4/2023 20:38	67503 WEWI_T2	0	0	0	0	0	0	0.01	0.07	0	0	0	0	0	0
7/4/2023 20:40	16302 ALPA_T2	0	0	0	0	0	0	-0.25	-0.28	0	0	0	0	0	0
7/4/2023 20:47	65603 QVIL_T2	1	1	0	7.9	7.5	-0.4	0	0	0	0	0	0	0	0
7/4/2023 20:50	44901 SCOT_T2	0	0	0	0	0	0	-0.22	-0.29	0	0	0	0	0	0
7/4/2023 20:52	66505 SMAN_T2	0	0	0	0	0	0	0.11	-0.02	4	4	0	2300	2300	0
7/4/2023 20:57	64201 KINZ_T1	0	0	0	0	0	0	-0.49	-0.51	3	3	0	1500	1500	0
7/4/2023 21:02	40501 CRES_T2	7	8	1	0.26	0.35	0.09	0.02	0.02	0	0	0	0	0	0
7/4/2023 21:02	47401 PENS_T1	3	3	0	0.83	0	-0.83	0.27	0.29	0	0	0	0	0	0
7/4/2023 21:09	20403 ASHF_T2	0	0	0	0	0	0	0.97	0.91	0	0	0	0	0	0
7/4/2023 21:12	10805 CHHI_T2	3	9	6	3.1	1.67	-1.43	-0.8	-0.89	1	1	0	600	600	0
7/4/2023 21:34	11102 EGYP_T1	4	0	-4	0.23	0	-0.23	0	0	0	0	0	0	0	0
7/4/2023 22:29	65604 QVIL_T2	0	0	0	0	0	0	0.46	0.44	0	0	0	0	0	0
7/4/2023 22:29	53601 DALM_T2	0	0	0	0	0	0	-0.01	0.14	0	0	0	0	0	0
7/4/2023 22:41	64101 REFR_T1	0	0	0	0	0	0	0.68	0.67	0	0	0	0	0	0
7/4/2023 22:48	52404 GRPA_T2	1	1	0	0.5	0.7	0.2	0	0	0	0	0	0	0	0
7/4/2023 22:49	52402 GRPA_T2	1	1	0	0.2	0.6	0.4	0	0	0	0	0	0	0	0
7/4/2023 22:51	42903 MIDD_T2	2	2	0	0.7	0.6	-0.1	-1.39	-1.44	1	1	0	1200	1200	0
7/5/2023 0:28	46602 LACR_T1	0	0	0	0	0	0	-0.32	-0.32	0	0	0	0	0	0
7/5/2023 0:28	56801 BENV_T1	17	17	0	0.72	0.93	0.21	0	0	0	0	0	0	0	0
7/5/2023 0:28	40902 JESH_T1	0	0	0	0	0	0	-0.07	-0.08	1	1	0	600	600	0
7/5/2023 0:28	52403 GRPA_T2	0	0	0	0	0	0	-0.82	-0.72	0	0	0	0	0	0
7/5/2023 0:28	66505 SMAN_T2	0	0	0	0	0	0	-0.11	0.37	3	3	0	2100	2100	0
7/5/2023 0:28	53501 EVIL_T2	4	9	5	0.2	0.72	0.52	-1.47	-1.85	0	0	0	0	0	0
7/5/2023 0:28	47401 PENS_T1	0	0	0	0	0	0	0	-0.05	0	0	0	0	0	0
7/5/2023 0:28	27101 GFLD_T2	1	1	0	0	0	0	0.46	0.47	0	0	0	0	0	0
7/5/2023 0:28	58803 COCO_T1	2	2	0	1.7	2.2	0.5	-2.96	-3.34	0	0	0	0	0	0
7/5/2023 0:28	63401 HONY_T1	0	0	0	0	0	0	-0.36	-0.27	1	1	0	600	600	0
7/5/2023 0:28	67502 WEWI_T2	0	0	0	0	0	0	-1.04	-1.03	1	1	0	900	900	0
7/5/2023 0:28	64101 REFR_T1	0	0	0	0	0	0	0.51	0.47	0	0	0	0	0	0
7/5/2023 0:28	48901 FOSP_T2	0	0	0	0	0	0	-0.76	-0.76	2	2	0	1200	1200	0
7/5/2023 0:28	11102 EGYP_T1	0	0	0	0	0	0	-0.05	-0.07	0	0	0	0	0	0
7/5/2023 0:28	10801 CHHI_T1	0	1	1	0	0	0	-0.98	-0.07	2	1	-1	1500	600	-900
7/5/2023 0:28	42701 AUGU_T1	1	1	0	1.4	1.8	0.4	0	0	4	4	0	3600	3600	0
7/5/2023 0:28	60101 COCA_T1	0	0	0	0	0	0	0.63	0.63	0	0	0	0	0	0
7/5/2023 0:28	44502 HAMI_T2	1	1	0	3.1	3.1	0	-0.59	-0.64	0	0	0	0	0	0
7/5/2023 0:28	52502 PROG_T2	0	0	0	0	0	0	-0.39	-0.41	2	2	0	1800	1800	0
7/5/2023 0:28	48302 ORWI_T2	2	2	0	1.05	0.7	-0.35	-0.05	-0.07	0	0	0	0	0	0
7/5/2023 0:28	61202 REIN_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
7/5/2023 0:28	64203 KINZ_T1	0	0	0	0	0	0	-0.16	-0.24	1	1	0	600	600	0
7/5/2023 0:28	65902 SAKR_T2	0	0	0	0	0	0	-0.25	-0.25	1	1	0	300	300	0
7/5/2023 0:28	52403 GRPA_T2	0	0	0	0	0	0	-0.82	-0.72	0	0	0

Appendix C - Grid Benefits Achieved in Each Instance of Active Management

7/5/2023 10:12	56803 BENV_T1	1	3	2	0.3	2.1	1.8	0.23	0.32	1	1	0	600	600	0
7/5/2023 10:12	53501 EVIL_T2	0	1	1	0	0.1	0.1	-0.36	-0.8	2	2	0	1200	1200	0
7/5/2023 10:13	52403 GRPA_T2	4	8	4	0.2	0.58	0.38	-0.12	-0.1	0	0	0	0	0	0
7/5/2023 10:14	27102 GFLD_T2	0	1	1	0	0.2	0.2	0	0	0	0	0	0	0	0
7/5/2023 10:14	28403 HART_T2	1	1	0	5.6	5.5	-0.1	-0.45	-0.4	1	1	0	900	900	0
7/5/2023 10:14	64301 LINC_T1	0	0	0	0	0	0	-0.09	-0.07	1	1	0	600	600	0
7/5/2023 10:17	63403 HONY_T2	1	0	-1	0.6	0	-0.6	-0.7	-1.81	1	1	0	600	600	0
7/5/2023 10:18	52502 PROG_T2	0	0	0	0	0	0	-0.04	0.06	1	1	0	900	900	0
7/5/2023 10:22	49804 UNIV_T1	0	0	0	0	0	0	2.04	2	0	0	0	0	0	0
7/5/2023 10:23	56801 BENV_T1	1	1	0	1	0.3	-0.7	0	0	0	0	0	0	0	0
7/5/2023 10:24	59101 WALK_T2	1	3	2	0.3	0.8	0.5	1.47	1.47	2	2	0	1050	1050	0
7/5/2023 10:26	29401 BELT_T1	0	0	0	0	0	0	0	0	1	1	0	900	900	0
7/5/2023 10:27	17805 GILB_T2	0	0	0	0	0	0	0.64	0.7	0	0	0	0	0	0
7/5/2023 10:28	52402 GRPA_T2	0	4	4	0	0.7	0.7	0	0	0	0	0	0	0	0
7/5/2023 10:29	61404 HONY_T1	29	56	27	0.95	0.87	-0.08	0	0	0	0	0	0	0	0
7/5/2023 10:33	64203 KINZ_T1	4	7	3	1.2	0.75	-0.45	0.32	0.26	3	3	0	2100	2100	0
7/5/2023 10:35	40501 CRES_T2	14	12	-2	0.49	0.43	-0.06	0.03	0.03	0	0	0	0	0	0
7/5/2023 10:38	16302 ALPA_T2	0	0	0	0	0	0	0.19	0.31	0	0	0	0	0	0
7/5/2023 10:40	15001 BLMO_T1	1	1	0	0.1	0.7	0.6	0	0	0	0	0	0	0	0
7/5/2023 10:43	44505 HAMI_T2	10	29	19	0.54	0.62	0.08	0	0	0	0	0	0	0	0
7/5/2023 10:44	52403 GRPA_T2	8	21	13	0.76	0.43	-0.33	-0.06	-0.03	0	0	0	0	0	0
7/5/2023 10:47	64201 KINZ_T1	0	0	0	0	0	0	-1.45	-0.89	4	4	0	2700	2700	0
7/5/2023 10:47	41901 REED_T1	1	2	1	0.4	0.15	-0.25	0	0	0	0	0	0	0	0
7/5/2023 10:48	64801 MONE_T2	1	2	1	0.3	0.3	0	-0.01	0.05	0	0	0	0	0	0
7/5/2023 10:48	52502 PROG_T2	0	0	0	0	0	0	0.1	0.15	1	1	0	900	900	0
7/5/2023 10:48	65902 SAKR_T2	0	0	0	0	0	0	-0.67	-0.73	2	2	0	1200	1200	0
7/5/2023 10:49	61202 REIN_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
7/5/2023 10:51	55101 WERT_T1	0	2	2	0	0	0	-1.65	-1.78	4	4	0	3300	3300	0
7/5/2023 10:52	47403 PENS_T1	1	1	0	1.7	1.7	0	0	0	0	0	0	0	0	0
7/5/2023 10:57	52402 GRPA_T2	2	4	2	1.35	0.6	-0.75	0	0	0	0	0	0	0	0
7/5/2023 11:00	12701 MACU_T1	0	0	0	0	0	0	-0.72	-0.72	1	1	0	1200	1200	0
7/5/2023 11:07	65601 QVIL_T2	1	0	-1	0.3	0	-0.3	0	0	0	0	0	0	0	0
7/5/2023 11:07	29402 BELT_T1	3	3	0	0.27	0.3	0.03	0	0	0	0	0	0	0	0
7/5/2023 11:08	43304 WATS_T2	2	9	7	1.75	1.1	-0.65	-0.43	-0.34	1	1	0	600	600	0
7/5/2023 11:09	55101 WERT_T1	2	4	2	0.1	0	-0.1	-1.78	-1.68	4	4	0	3300	3300	0
7/5/2023 11:11	11102 EGYP_T1	8	34	26	1.21	0.86	-0.35	0	0	0	0	0	0	0	0
7/5/2023 11:11	10805 CHHI_T2	8	16	8	1.68	2.14	0.46	-1.03	-0.79	2	2	0	1800	1800	0
7/5/2023 13:03	29402 BELT_T1	5	18	13	0.32	0.31	-0.01	0	0	0	0	0	0	0	0
7/5/2023 13:06	58803 COCO_T1	438	584	146	0.39	0.47	0.08	0.96	0.92	1	1	0	600	600	0
7/5/2023 13:18	25801 SUTR_T2	1	1	0	0.1	0	-0.1	-0.02	0	0	0	0	0	0	0
7/5/2023 13:23	41602 CLEV_T1	61	57	-4	0.61	0.47	-0.14	0	0	3	3	0	1800	1800	0
7/5/2023 13:23	26402 INOR_T1	0	1	1	0	0	0	-1.34	-1.29	1	1	0	600	600	0
7/5/2023 13:30	43201 MVIL_T2	1	11	10	0.1	0.5	0.4	0	0	0	0	0	0	0	0
7/5/2023 13:37	60101 COCA_T1	0	1	1	0	0.9	0.9	-0.02	-0.01	1	1	0	1200	1200	0
7/5/2023 13:45	47402 PENS_T1	2	2	0	0.45	0.25	-0.2	0	0	0	0	0	0	0	0
7/5/2023 13:45	48302 ORWI_T2	0	2	2	0	0.1	0.1	-0.07	-0.05	0	0	0	0	0	0
7/5/2023 13:48	62604 ENGL_T1	0	3	3	0	0	0	-0.63	-0.57	1	1	0	600	600	0
7/5/2023 13:52	40101 HUNT_T2	265	289	24	0.75	0.67	-0.08	-0.75	-0.75	0	0	0	0	0	0
7/5/2023 13:54	46504 LOHA_T1	4	4	0	2.03	2.3	0.27	0	0	0	0	0	0	0	0
7/5/2023 14:03	66703 STRA_T1	0	0	0	0	0	0	-0.02	0.02	0	0	0	0	0	0
7/5/2023 14:07	53601 DALM_T2	1	1	0	0.9	1	0.1	-0.77	-0.71	2	2	0	1500	1500	0
7/5/2023 14:08	24102 EHAZ_T1	2	19	17	0.3	0.73	0.43	0	0	0	0	0	0	0	0
7/5/2023 14:08	53501 EVIL_T2	3	2	-1	0.33	0	-0.33	-1.18	-1.29	4	4	0	2700	2700	0
7/5/2023 14:08	40101 HUNT_T2	258	300	42	0.73	0.66	-0.07	-0.75	-0.75	0	0	0	0	0	0
7/5/2023 14:09	64201 KINZ_T1	0	0	0	0	0	0	-1.04	-1.3	5	5	0	3300	3300	0
7/5/2023 14:09	11101 EGYP_T1	1	2	1	1.1	0.8	-0.3	0	0	0	0	0	0	0	0
7/5/2023 14:09	23401 HONE_T2	0	21	21	0	0.5	0.5	0.36	0.39	0	0	0	0	0	0
7/5/2023 14:10	28403 HART_T2	1	1	0	6.3	6.4	0.1	-0.16	-0.18	1	1	0	900	900	0
7/5/2023 14:10	12701 MACU_T1	1	1	0	0.2	0	-0.2	-0.53	-0.53	1	1	0	1200	1200	0
7/5/2023 14:17	65901 SAKR_T2	0	2	2	0	0.1	0.1	-0.35	-0.35	2	2	0	1500	1500	0
7/5/2023 14:18	46001 BERW_T1	0	0	0	0	0	0	1.19	1.11	0	0	0	0	0	0
7/5/2023 14:18	46302 ROHR_T1	6	5	-1	0.4	0.55	0.15	-0.16	-0.15	0	0	0	0	0	0
7/5/2023 14:21	41602 CLEV_T1	52	68	16	0.5	0.52	0.02	0	0	3	3	0	1800	1800	0
7/5/2023 14:21	20402 ASHF_T2	28	25	-3	0.97	1.22	0.25	0	0	0	0	0	0	0	0
7/5/2023 14:22	44801 EDAN_T2	7	13	6	0.5	0.39	-0.11	0	0	0	0	0	0	0	0
7/5/2023 14:23	53601 DALM_T2	2	3	1	4.4	4.65	0.25	-0.71	-0.67	2	2	0	1500	1500	0
7/5/2023 14:23	62604 ENGL_T1	2	6	4	0.3	0.15	-0.15	-0.62	-0.64	1	1	0	600	600	0
7/5/2023 14:24	44503 HAMI_T2	1	1	0	0.4	0	-0.4	0	0	0	0	0	0	0	0
7/5/2023 14:24	24102 EHAZ_T1	19	6	-13	0.33	0.57	0.24	0	0	0	0	0	0	0	0
7/5/2023 14:24	10805 CHHI_T2	17	36	19	1.39	0.91	-0.48	0	0	2	2	0	1800	1800	0
7/5/2023 14:24	40101 HUNT_T2	285	298	13	0.66	0.71	0.05	-0.75	-0.74	0	0	0	0	0	0
7/5/2023 14:25	12704 MACU_T1	1	7	6	0.2	0.28	0.08	0	0	0	0	0	0	0	0
7/5/2023 14:25	64201 KINZ_T1	0	0	0	0	0	0	-1.3	-1.4	5	5	0	3300	3300	0
7/5/2023 14:26	26401 INOR_T1	30	42	12	0.87	0.88	0.01	0	0	0	0	0	0	0	0
7/5/2023 14:29	42001 MNVL_T2	0	1	1	0	0	0	0.47	0.54	0	0	0	0	0	0
7/5/2023 14:32	20403 ASHF_T2	11	0	-11	0.51	0	-0.51	1.38	0.39	0	0	0	0	0	0
7/5/2023 14:32	41602 CLEV_T1	58	69	11	0.53	0.53	0	0	0	3	3	0	1800	1800	0
7/5/2023 14:32	44802 EDAN_T2	0	0	0	0	0	0	-3.1	-3.09	1	1	0	1200	1200	0
7/5/2023 14:32	29401 BELT_T1	0	0	0	0	0	0	0	0	1	1	0	900	900	0
7/5/2023 14:33	46001 BERW_T1	0	0	0	0	0	0	1.11	1.15	0	0	0	0	0	0
7/5/2023 14:33	53601 DALM_T2	2	3	1	5.4	3	-2.4	-0.71	-0.67	2	2	0	1500	1500	0
7/5/2023 14:33	10805 CHHI_T2	20	42	22	0.89	1.01	0.12	0	0	2	2	0	1800	1800	0
7/5/2023 14:34	24102 EHAZ_T1	3	26	23	0.73	0.6	-0.13	0	0	0	0	0	0	0	0
7/5/2023 14:34	44502 HAMI_T2	1	1	0	0.2	0.3	0.1	-0.17	-0.07	0	0	0	0	0	0
7/5/2023 14:34	48902 FOSP_T2	0	0	0	0	0	0	0.43	0.32	0	0	0	0	0	0
7/5/2023 14:35	23401 HONE_T2	21	17	-4	0.48	0.84	0.36	0.33	0.4	0	0	0	0	0	0
7/5/2023 14:36	53902 HALI_T2	1	1	0	0.6	0.6	0	-0.57	-0.58	0	0	0	0	0	0
7/5/2023 14:37	40101 HUNT_T2	282	300	18	0.74	0.69	-0.05	-0.74	-0.71	0	0	0	0	0	0
7/5/2023 14:39	43201 MVIL_T2	3	4	1	0.73	0.2	-0.53	0	0	0	0	0	0	0	0
7/5/2023 14:40	42001 MNVL_T2	0	0	0	0	0	0	0.54	0.55	0	0	0	0	0	0
7/5/2023 14:40	12701 MACU_T1	1	5	4	0.1	0	-0.1	-0.5	-0.5	1	1	0	1200	1200	0
7/5/2023 14:40	48303 ORWI_T2	0	4	4	0	0	0	0	0	0	0	0	0	0	0
7/5/2023 14:41	64201 KINZ_T1	0	0	0	0	0	0	-1.4	-1.36	5	5	0	3300	3300	0
7/5/2023 14:41	58803 COCO_T1	680	739	59	0.82	0.72	-0.1	1.03	1.14	1	1	0	600	600	0
7/5/2023 14:43	52502 PROG_T2	0	0	0	0	0	0	0.28	0.37	1	1	0	900	900	0
7/5/2023 14:44	46302 ROHR_T1	4	5	1	0.58	0.67	0.09	-0.1	-0.13	0	0	0	0	0	0
7/5/2023 14:44	41903 REED_T1	6	6	0	2.03	1.93	-0.1	0	0	0	0	0	0	0	0
7/5/2023 14:44	43301 WATS_T2	9	12	3	0.62	0.42	-0.2	0	0	0	0	0	0	0	0
7/5/2023 14:45	66503 SMAN_T2	2	13	11	0.1	0.1	0	0	0	0	0	0	0	0	0
7/5/2023 14:45	55103 WERT_T1	0	3	3	0	0.2	0.2	0	0	0	0	0	0	0	0
7/5/2023 14:45	66703 STRA_T1	0	0	0	0	0	0	0.16	-0.39	0	0	0	0	0	0
7/5/2023 14:45	65901 SAKR_T2	1	0	-1	0.1	0	-0.1	-0.36	-0.57	2	2	0	1500	1500	0
7/5/2023 14:46	29402 BELT_T1	8	13	5	0.36	0.37	0.01	0	0	0	0	0	0	0	0
7/5/2023 14:47	25801 SUTR_T2	3	2	-1	0.47	0	-0.47	0	-0.02	0	0	0	0	0	0
7/5/2023 14:47	59101 WALK_T2	5	1	-4	0.6	0.9	0.3	0.59	0.54	4	4	0	2250	2250	0
7/5/2023 14:48	62606 ENGL_T1	3	3	0	5.1	4.07	-1.03	0	0	0	0	0	0	0	0
7/5/2023 14:49	58803 COCO_T1	662	714	52	0.76	0.58	-0.18	1.14	0.67	1	1	0	600	600	0
7/5/2023 14:49	48902 FOSP_T2	0	0	0	0	0	0	0.32	0.3	0	0	0	0	0	0
7/5/2023 14:50	44802 EDAN_T2	0	0	0	0	0	0	3.02	2.98	1	1	0	1200	1200	0
7/5/2023 14:50	26402 INOR_T1	6	20	14	0.68	0.74	0.06	-1.24	-1.22	1	1	0	600	600	0
7/5/2023 14:50	53902 HALI_T2	1	1	0	0.6	0	-0.6	-0.58	-0.52	0	0	0	0	0	0
7/5/2023 14:51	11101 EGYP_T1	5	5	0	0.52	1.6	1.08	0	0	0	0	0	0	0	0
7/5/2023 14:54	57306 MOAL_T2	0	1	1	0	0	0	0	0	0	0	0	0	0	0
7/5/2023 14:55	42002 MNVL_T2	1	1	0	3.3	3.6	0.3	-0.89	-0.91	0	0	0	0	0	0
7/5/2023 14:55	58402 MORO_T1	0	5	5	0	0.3	0.3	-1.81	-1.85	5	5	0	3300	3300	0
7/5/2023 14:55	40101 HUNT_T2	285	406	121	0.75	0.71	-0.04	-0.71	-0.69	0	0	0	0	0	0
7/5/2023 14:58	66505 SMAN_T2	114	159	45	0.59	0.52	-0.07	0.85	0.8	4	4	0	2300	2300	0
7/5/2023 15:00	65901 SAKR_T2	0	0	0	0	0	0	-0.57	-0.51	2	2	0	1500	1500	0
7/5/2023 15:01	58803 COCO_T1	714	765	51	0.72	0.58	-0.14	1.14	0.67	1	1	0	600	600	0
7/5/2023 15:02	67502 WEWI_T2	3	4	1	0.3	0.2	-0.1	0	0	0	0	0	0	0	0
7/5/2023 15:03	29402 BELT_T1	13	2	-11	0.37	0.5	0.13	0	0	0	0	0	0	0	0
7/5/2023 15:06	11101 EGYP_T1	4	5	1	1.28	0.85	-0.43	0	0	0	0	0	0	0	0
7/5/2023 15:07	40101 HUNT_T2	280	408	128	0.72	0.74	0.02	-0.69	-0.68	0	0	0	0	0	0
7/5/2023 15:08	26402 INOR_T1	7	21	14	0.93	0.42	-0.51	-1.22	-1.22	1	1	0	600	600	0
7/5/2023 15:13	16505 STRO_T1	10	12	2	2.27	2.84	0.57	1.04	1.04	0	0	0	0	0	0
7/5/2023 15:14	55103 WERT_T1	3	1	-2	0.13	0	-0.13	0	0	0	0	0	0	0	0
7/5/2023 15:16	59101 WALK_T2	1	85	84	0.9	0.48	-0.42	0.21	0.66	4	4	0	2250	2250	0
7/5/2023 15:21	29402 BELT_T1	2	9	7	0.5	0.3	-0.2	0	0	0	0	0	0	0	0
7/5/2023 15:21	40101 HUNT_T2	395	331	-64	0.87	0.58	-0.29	-0.68	-0.89	0	0	0	0	0	0
7/5/2023 15:24	13102 NHAM_T2	2	3	1	0.45	0.1	-0.35	0	0	0	0	0	0	0	0
7/5/2023 15:27	56504 ROCK_T2	9	5	-4	1.53	0	-1.53	-0.4	-0.4	0	0	0	0	0	0
7/5/2023 15:30	29402 BELT_T1	2	9	7	0.35	0.3	-0.05	0	0	0	0	0	0	0	0
7/5/2023 15:31	60101 COCA_T1	1	0	-1	0.3	0	-0.3	0.15	0.15	1	1	0	1200	1200	0
7/5/2023 15:33	42701 AUGU_T1	48	55	7	0.57	0.81	0.24	0	0	2	2	0	1800	1800	0
7/5/2023 15:34	46204 DANV_T2	9	102	93	0.18	0.31	0.13	0	0	0	0	0	0	0	0
7/5/2023 15:37	29402 BELT_T1	2	9	7	0.35	0.3	-0.05	0	0	0	0	0	0	0	0
7/5/2023 15:38	17803 GILB_T2	48	59	11	1.29	1.06	-0.23	0	0	0	0	0	0	0	0
7/5/2023 15:42	14402 SSLA_T1	0	5	5	0	1.23	1.23	0	0	0	0	0	0	0	0
7/5/2023 15:44	59101 WALK_T2	59	87	28	0.51	0.51	0	0.65	0.49	4	4	0	2250	2250	0
7/5/2023 15:49	17805 GILB_T2	24	21	-3	0.98	1.97	0.99	0.64	0.65	0	0	0	0	0	0
7/5/2023 15:52	52404 GRPA_T2	5	0	-5	0.22	0	-0.22	0	0	0	0	0	0	0	0
7/5/2023 15:56	47402 PENS_T1	3	2	-1	0.4	0	-0.4	0	0	0	0	0	0	0	0
7/5/2023 16:01	56504 ROCK_T2	7	8	1	0.79	0.23	-0.56	-0.41	-0.37	0	0	0	0	0	0
7/5/2023 16:01	14401 SSLA_T1	14	12	-2	1.22	0.55	-0.67	0	0	0	0	0	0	0	0
7/5/2023 16:01	41602 CLEV_T1	80	92	12	1.21	0.96	-0.25	0	0	1	1	0	600	600	0
7/5/2023 16:03	43301 WATS_T2	5	4	-1	0.58	0.1	-0.48	0	0	0	0	0	0	0	0
7/5/2023 16:24	65503 MOIO_T2	1	1	0	0.2	0.2	0	0.2	0.2	1	1	0	900	900	0
7/5/2023 16:34	60701 BREC_T1	6	18	12	0.78	1.09	0.31	0.25	0.28	2	2	0	1200	1200	0
7/5/2023 16:41	65503 MOIO_T2	1	1	0	0.3	0	-0.3	0.2	0.24	1	1	0	900	900	0
7/5/2023 17:56	64302 LINC_T2	216	239	23	0.81	0.7	-0.11	0.86	0.9	0	0	0	0	0	0
7/5/2023 18:41	45003 LIME_2	155	178	23	1.41	1.09	-0.32	0	0	1	1	0	1200	1200	0
7/5/2023 20:10	56803 BENV_T1	1	1	0	0.2	0	-0.2	0.33	0.32	1	1	0	600	600	0
7/5/2023 20:14	27101 GFLD_T2	4	4	0	0.77	0.4	-0.37	0.29	0.26	1	1	0	600	600	0
7/5/2023 20:16	52401 GRPA_T2	14	4	-10	0.44	0	-0.44	0	0	0	0	0	0	0	0
7/5/2023 20:28	52402 GRPA_T2	5	5	0	0.66	0	-0.66	0	0	0	0	0	0	0	0
7/5/2023 20:33	40501 CRES_T2	3	10	7	0.23	0.4	0.17	0.04	0.04	0	0	0	0	0	0
7/5/2023 20:37	16302 ALPA_T2	0	0	0	0	0	0	0.08	0.03	0	0	0	0	0	0
7/5/2023 20:47	64801 MONE_T2	0	0	0	0	0	0	0.16	0.13	0	0	0	0	0	0
7/5/2023 21:01	52401 GRPA_T2	2	0	-2	0.25	0	-0.25	0	0	0	0	0	0	0	0
7/5/2023 21:11	29401 BELT_T1	4	6	2	0.18	0.2	0.02	0	0	1	1	0	900	900	0
7/5/2023 22:31	65603 QVIL_T2	3	1	-2	2.4	7.5	5.1	0	0	0	0	0	0	0	0
7/5/2023 22:38	17805 GILB_T2	0	3	3	0	0.1	0.1	-0.46	-0.45	0	0	0	0	0	0
7/5/2023 22:40	20401 ASHF_T2	0	1	1	0	0	0	0	0	0	0	0	0	0	0
7/5/2023 22:40	65604 QVIL_T2	5	1	-4	0.24	0.1	-0.14	0.5	0.49	0	0	0	0	0	0
7/5/2023 22:42	41901 REED_T1	3	3	0	0.4	0.4	0	-1.15	-1.15	1	1	0	900	900	0
7/5/2023 22:42	40101 HUNT_T2	0	2	2	0	0.1	0.1	-0.96	-0.99	0	0	0	0	0	0
7/5/2023 22:44	29401 BELT_T1	0	1	1	0	0.1	0.1	0	0	1	1	0	900	900	0
7/5/2023 22:44	52404 GRPA_T2	1	1	0	0.3	0.7	0.4	0	0	0	0	0	0	0	0
7/5/2023 22:48	52502 PROG_T2	0	0	0	0	0	0	0.12	0.09	1	1	0	900	900	0
7/5/2023 22:49	43304 WATS_T2	0	0	0	0	0	0	-0.13	-0.13	0	0	0	0	0	0
7/6/2023 0:28	45602 WOOL_T1	0	0	0	0	0	0	0.71	0.7	0	0	0	0	0	0
7/6/2023 0:28	48902 FOSP_T2	0	0	0	0	0	0	-0.1	-0.24	0	0	0	0	0	0
7/6/2023 0:28	46001 BERW_T1	0	0	0	0	0	0	-0.08	-0.17	0	0	0	0	0	0
7/6/2023 0:28	56801 BENV_T1	8	12	4	0.96	1.03	0.07	0	0	0	0	0	0	0	0
7/6/2023 0:28	44801 EDAN_T2	1	0	-1	0.8	0	-0.8	0	0	0	0	0	0	0	0
7/6/2023 0:28	25801 SUTR_T2	0	0	0	0	0	0	0.28	0.3	0	0	0	0	0	0
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Appendix C - Grid Benefits Achieved in Each Instance of Active Management

7/6/2023 0:28	17805 GILB_T2	0	0	0	0	0	0	0.36	0.24	0	0	0	0	0	0
7/6/2023 0:28	15001 BLMO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
7/6/2023 0:28	29402 BELT_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
7/6/2023 0:28	41902 REED_T1	0	0	0	0	0	0	0.96	0.96	0	0	0	0	0	0
7/6/2023 0:28	42002 MNVL_T2	1	1	0	2.6	2.4	-0.2	-0.26	-0.36	0	0	0	0	0	0
7/6/2023 0:28	10805 CHHI_T2	1	1	0	8.2	8.5	0.3	0	0	1	1	0	600	600	0
7/6/2023 0:28	65503 MOJO_T2	0	0	0	0	0	0	-1.59	-1.66	2	2	0	1800	1800	0
7/6/2023 0:28	65901 SAKR_T2	0	0	0	0	0	0	-1.78	-1.9	2	2	0	1800	1800	0
7/6/2023 0:28	23401 HONE_T2	0	0	0	0	0	0	-0.04	-0.01	0	0	0	0	0	0
7/6/2023 0:28	12701 MACU_T1	0	0	0	0	0	0	-0.92	-0.95	1	1	0	1200	1200	0
7/6/2023 0:51	40101 HUNT_T2	2	2	0	0.2	0.3	0.1	-0.41	-0.49	0	0	0	0	0	0
7/6/2023 1:01	53501 EVIL_T2	14	10	-4	0.39	0.82	0.43	-1.1	-1.06	1	1	0	600	600	0
7/6/2023 1:02	56504 ROCK_T2	0	2	2	0	0.6	0.6	-0.14	-0.16	0	0	0	0	0	0
7/6/2023 1:03	56501 ROCK_T2	2	2	0	0.2	0.3	0.1	0	0	0	0	0	0	0	0
7/6/2023 9:15	52403 GRPA_T2	0	4	4	0	0	0	-0.16	-0.19	0	0	0	0	0	0
7/6/2023 9:18	24101 EHAZ_T1	45	43	-2	0.76	0.83	0.07	0.75	0.75	2	2	0	1200	1200	0
7/6/2023 9:26	29402 BELT_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
7/6/2023 9:28	56802 BENV_T2	1	1	0	1.1	0.7	-0.4	-0.9	-0.92	0	0	0	0	0	0
7/6/2023 9:29	60101 COCA_T1	0	0	0	0	0	0	0.92	0.91	0	0	0	0	0	0
7/6/2023 9:35	48302 ORWI_T2	2	2	0	0.6	0.95	0.35	0.24	-0.33	0	0	0	0	0	0
7/6/2023 9:45	58803 COCO_T1	4	1	-3	0.75	1.7	0.95	-0.2	-0.21	1	1	0	600	600	0
7/6/2023 9:46	52401 GRPA_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
7/6/2023 9:46	40901 JESH_T1	1	1	0	1.5	1.4	-0.1	0	0	0	0	0	0	0	0
7/6/2023 9:48	23401 HONE_T2	2	1	-1	0.6	0	-0.6	0.17	0.26	0	0	0	0	0	0
7/6/2023 9:49	44502 HAMI_T2	1	1	0	1.6	1.4	-0.2	-0.26	-0.31	0	0	0	0	0	0
7/6/2023 9:54	41902 REED_T1	0	5	5	0	0.37	0.37	0	0	0	0	0	0	0	0
7/6/2023 9:56	42601 TUSC_T1	2	3	1	0.2	0.2	0	0.91	0.83	2	2	0	1800	1800	0
7/6/2023 9:57	56802 BENV_T2	1	1	0	0.3	0.7	0.4	-0.9	-0.85	0	0	0	0	0	0
7/6/2023 9:58	43304 WATS_T2	0	1	1	0	0	0	-0.43	-0.4	1	1	0	600	600	0
7/6/2023 10:00	66504 SMAN_T2	3	1	-2	0.43	0	-0.43	0	0	0	0	0	0	0	0
7/6/2023 10:00	64801 MONE_T2	0	2	2	0	3.55	3.55	0.85	0.87	0	0	0	0	0	0
7/6/2023 10:00	58803 COCO_T1	1	6	5	1.7	1.3	-0.4	-0.21	-0.07	1	1	0	600	600	0
7/6/2023 10:00	12605 MACA_T1	1	2	1	1	0.6	-0.4	0	0	0	0	0	0	0	0
7/6/2023 10:00	42701 AUGU_T1	0	0	0	0	0	0	0	0	2	2	0	1800	1800	0
7/6/2023 10:00	52503 PROG_T2	0	1	1	0	0	0	-0.12	-0.13	1	1	0	900	900	0
7/6/2023 10:00	56601 HAMP_T1	1	1	0	0.4	0.2	-0.2	0.28	0.27	0	0	0	0	0	0
7/6/2023 10:00	67604 WARW_T1	0	0	0	0	0	0	0.46	0.47	0	0	0	0	0	0
7/6/2023 10:01	10801 CHHI_T1	1	1	0	0.3	0.2	-0.1	-0.4	-0.43	2	2	0	1500	1500	0
7/6/2023 10:01	65604 QVIL_T2	0	1	1	0	0.2	0.2	0.58	0.57	0	0	0	0	0	0
7/6/2023 10:06	47403 PENS_T1	1	1	0	0.5	0.8	0.3	0	0	0	0	0	0	0	0
7/6/2023 10:07	66504 SMAN_T2	3	1	-2	0.43	0	-0.43	0	0	0	0	0	0	0	0
7/6/2023 10:08	47401 PENS_T1	3	4	1	0.13	0	-0.13	0.47	0.25	0	0	0	0	0	0
7/6/2023 10:09	59101 WALK_T2	0	3	3	0	0.2	0.2	1.56	1.54	2	2	0	1050	1050	0
7/6/2023 10:09	65902 SAKR_T2	1	0	-1	0.5	0	-0.5	0	0	0	0	0	0	0	0
7/6/2023 10:10	49803 UNIV_T1	1	1	0	0.3	0.7	0.4	0	0	0	0	0	0	0	0
7/6/2023 10:11	15001 BLMO_T1	0	3	3	0	0	0	0	0	0	0	0	0	0	0
7/6/2023 10:12	20403 ASHF_T2	23	27	4	0.77	0.62	-0.15	2.25	2.21	0	0	0	0	0	0
7/6/2023 10:12	40901 JESH_T1	1	1	0	1.4	1.8	0.4	0	0	0	0	0	0	0	0
7/6/2023 10:12	42601 TUSC_T1	2	3	1	0.2	0.1	-0.1	0.83	0.94	2	2	0	1800	1800	0
7/6/2023 10:12	45602 WOOL_T1	0	0	0	0	0	0	0.92	0.9	0	0	0	0	0	0
7/6/2023 10:12	56802 BENV_T2	1	1	0	0.3	0.7	0.4	-0.85	-0.84	0	0	0	0	0	0
7/6/2023 10:14	27101 GFLD_T2	2	10	8	0.4	0	-0.4	0.51	-0.09	0	1	1	0	600	600
7/6/2023 10:15	56803 BENV_T1	1	3	2	3.5	2	-1.5	0.8	0.83	0	0	0	0	0	0
7/6/2023 10:17	17805 GILB_T2	0	0	0	0	0	0	-0.16	-0.15	0	0	0	0	0	0
7/6/2023 10:17	28403 HART_T2	1	1	0	7.6	7.6	0	-0.6	-0.52	1	1	0	900	900	0
7/6/2023 10:20	52403 GRPA_T2	3	7	4	0.23	0.15	-0.08	-0.03	-0.06	0	0	0	0	0	0
7/6/2023 10:21	52502 PROG_T2	0	0	0	0	0	0	0.07	0.15	1	1	0	900	900	0
7/6/2023 10:21	12701 MACU_T1	0	0	0	0	0	0	-0.74	-0.67	1	1	0	1200	1200	0
7/6/2023 10:22	44203 POIN_T2	7	7	0	0.59	0.56	-0.03	0.6	0.5	2	2	0	2100	2100	0
7/6/2023 10:24	59101 WALK_T2	1	5	4	0.2	1	0.8	1.54	1.76	2	2	0	1050	1050	0
7/6/2023 10:26	56803 BENV_T1	1	3	2	3.5	2	-1.5	0.83	0.87	0	0	0	0	0	0
7/6/2023 10:26	10602 BLGI_T2	4	11	7	2.65	1.09	-1.56	1.81	2.09	0	0	0	0	0	0
7/6/2023 10:26	65901 SAKR_T2	0	0	0	0	0	0	-0.57	-0.5	2	2	0	1500	1500	0
7/6/2023 10:26	56802 BENV_T2	1	1	0	0.7	0.6	-0.1	-0.84	-0.77	0	0	0	0	0	0
7/6/2023 10:31	63401 HONY_T1	0	0	0	0	0	0	0.75	0.82	1	1	0	600	600	0
7/6/2023 10:32	64202 KINZ_T1	1	3	2	0.5	0.25	-0.25	0	0	0	0	0	0	0	0
7/6/2023 10:34	52403 GRPA_T2	3	7	4	0.63	0.2	-0.43	0	0	0	0	0	0	0	0
7/6/2023 10:37	65902 SAKR_T2	0	0	0	0	0	0	-0.63	-0.64	2	2	0	1200	1200	0
7/6/2023 10:40	61202 REIN_T1	0	0	0	0	0	0	0	0	1	1	0	900	900	0
7/6/2023 10:40	29401 BELT_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
7/6/2023 10:41	56802 BENV_T2	1	1	0	0.6	0.6	0	-0.77	-0.77	0	0	0	0	0	0
7/6/2023 10:42	42001 MNVL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
7/6/2023 10:42	28604 BLYT_T2	0	0	0	0	0	0	-0.88	-0.84	0	0	0	0	0	0
7/6/2023 10:50	52401 GRPA_T2	4	2	-2	0.38	0	-0.38	0	0	0	0	0	0	0	0
7/6/2023 10:50	57303 MOAL_T2	1	1	0	8.1	7.9	-0.2	0	0	0	0	0	0	0	0
7/6/2023 10:51	64204 KINZ_T1	4	1	-3	0.33	0.6	0.27	0	0	0	0	0	0	0	0
7/6/2023 10:52	65604 QVIL_T2	0	0	0	0	0	0	0.71	0.75	0	0	0	0	0	0
7/6/2023 10:52	43201 MVIL_T2	0	1	1	0	0.1	0.1	0	0	0	0	0	0	0	0
7/6/2023 10:53	60501 NMAN_T2	3	3	0	2.13	2.53	0.4	0	0	0	0	0	0	0	0
7/6/2023 10:54	59202 THOM_T1	3	0	-3	0.1	0	-0.1	0	0	0	0	0	0	0	0
7/6/2023 10:54	55103 WERT_T1	0	2	2	0	0	0	0	0	0	0	0	0	0	0
7/6/2023 10:55	67502 WEWI_T2	0	0	0	0	0	0	-0.52	-0.38	1	1	0	900	900	0
7/6/2023 10:56	56801 BENV_T1	8	14	6	0.51	0.87	0.36	-0.15	-0.14	1	1	0	600	600	0
7/6/2023 10:56	55101 WERT_T1	26	20	-6	0.62	0.54	-0.08	-1.46	-1.57	4	4	0	3300	3300	0
7/6/2023 10:57	59101 WALK_T2	4	3	-1	1.13	0.35	-0.78	1.9	2.62	2	2	0	1050	1050	0
7/6/2023 10:57	56802 BENV_T2	1	1	0	0.3	0.7	0.4	-0.77	-0.67	0	0	0	0	0	0
7/6/2023 10:58	42701 AUGU_T1	1	0	-1	0.2	0	-0.2	0	0	2	2	0	1800	1800	0
7/6/2023 11:00	11104 EGYP_T1	5	7	2	0.88	1.45	0.57	1.01	1.08	0	1	1	0	900	900
7/6/2023 11:01	44505 HAMI_T2	0	5	5	0	0.25	0.25	0	0	0	0	0	0	0	0
7/6/2023 11:04	52401 GRPA_T2	0	2	2	0	0.45	0.45	0	0	0	0	0	0	0	0
7/6/2023 11:08	66505 SMAN_T2	23	132	109	0.35	0.31	-0.04	0	0	0	0	0	0	0	0
7/6/2023 11:10	67503 WEWI_T2	0	1	1	0	0	0	0.62	0.6	0	0	0	0	0	0
7/6/2023 11:10	54001 SDLE_T1	1	5	4	0.8	0.42	-0.38	0	0	0	0	0	0	0	0
7/6/2023 11:11	56803 BENV_T1	1	2	1	1.8	1.6	-0.2	0	0	0	0	0	0	0	0
7/6/2023 11:12	45402 WILO_T2	1	1	0	0.6	0.6	0	-0.9	-0.88	1	1	0	900	900	0
7/6/2023 11:13	11101 EGYP_T1	4	5	1	1.33	1.5	0.17	0	0	0	0	0	0	0	0
7/6/2023 11:14	10805 CHHI_T2	1	13	12	8.7	1.68	-7.02	-1.18	-1.08	2	2	0	1800	1800	0
7/6/2023 11:15	56802 BENV_T2	1	2	1	0.7	0.4	-0.3	-0.67	-0.64	0	0	0	0	0	0
7/6/2023 11:17	52403 GRPA_T2	7	10	3	1.01	0.25	-0.76	0	0	0	0	0	0	0	0
7/6/2023 11:18	12704 MACU_T1	0	4	4	0	0	0	0	0	0	0	0	0	0	0
7/6/2023 11:19	44502 HAMI_T2	1	1	0	1.6	1.4	-0.2	-0.26	-0.21	0	0	0	0	0	0
7/6/2023 11:22	64101 REFR_T1	4	6	2	0.38	0.43	0.05	0.04	0.01	0	0	0	0	0	0
7/6/2023 11:23	66703 STRA_T1	0	0	0	0	0	0	-0.25	-0.02	0	0	0	0	0	0
7/6/2023 11:24	52502 PROG_T2	0	0	0	0	0	0	0.24	0.28	1	1	0	900	900	0
7/6/2023 11:24	55101 WERT_T1	14	48	34	0.54	0.85	0.31	-1.54	-1.37	4	4	0	3300	3300	0
7/6/2023 11:25	44903 SCOT_T1	0	5	5	0	0	0	0	0	0	0	0	0	0	0
7/6/2023 11:31	58803 COCO_T1	135	362	227	0.36	0.37	0.01	0.57	0.69	1	1	0	600	600	0
7/6/2023 11:39	44903 SCOT_T1	0	6	6	0	0.48	0.48	0	0	0	0	0	0	0	0
7/6/2023 11:40	61202 REIN_T1	0	0	0	0	0	0	0	0	1	1	0	900	900	0
7/6/2023 11:40	46301 ROHR_T1	1	5	4	1.2	2.3	1.1	0	0	0	0	0	0	0	0
7/6/2023 11:42	44301 BEAV_T2	2	2	0	0.6	0.2	-0.4	0.53	0.73	2	2	0	1500	1500	0
7/6/2023 13:04	57303 MOAL_T2	1	1	0	8.6	8.5	-0.1	0	0	0	0	0	0	0	0
7/6/2023 13:15	15001 BLMO_T1	0	1	1	0	0	0	0	0	0	0	0	0	0	0
7/6/2023 13:20	58803 COCO_T1	877	975	98	0.76	0.68	-0.08	0.98	1.02	1	1	0	600	600	0
7/6/2023 13:23	53601 DALM_T2	1	1	0	0.4	0.3	-0.1	-0.36	-0.28	1	1	0	600	600	0
7/6/2023 13:25	24101 EHAZ_T1	39	122	83	1.93	1.35	-0.58	0.98	1.15	2	2	0	1200	1200	0
7/6/2023 13:29	41901 REED_T1	0	1	1	0	0	0	-0.83	-0.81	1	1	0	900	900	0
7/6/2023 13:31	12701 MACU_T1	11	10	-1	0.57	0.28	-0.29	-0.55	-0.52	1	1	0	1200	1200	0
7/6/2023 13:33	45302 WBER_T2	0	0	0	0	0	0	0.6	0.69	0	0	0	0	0	0
7/6/2023 13:35	43301 WATS_T2	0	4	4	0	0.5	0.5	0	0	0	0	0	0	0	0
7/6/2023 13:38	29402 BELT_T1	54	71	17	0.63	0.66	0.03	0	0	0	0	0	0	0	0
7/6/2023 13:51	45302 WBER_T2	0	2	2	0	0	0	0.71	0.69	0	0	0	0	0	0
7/6/2023 13:51	60101 COCA_T1	1	1	0	0.2	0.2	0	-0.04	-0.09	1	1	0	1200	1200	0
7/6/2023 13:54	23401 HONE_T2	2	10	8	0.5	0.28	-0.22	0.38	0.36	0	0	0	0	0	0
7/6/2023 14:07	11104 EGYP_T1	5	5	0	1.02	0.5	-0.52	0.24	0.29	1	1	0	900	900	0
7/6/2023 14:08	29402 BELT_T1	51	24	-27	0.56	0.44	-0.12	0	0	0	0	0	0	0	0
7/6/2023 14:09	52403 GRPA_T2	16	45	29	0.68	0.56	-0.12	0	0	0	0	0	0	0	0
7/6/2023 14:09	53902 HALI_T2	0	1	1	0	0	0	-0.54	-0.43	0	0	0	0	0	0
7/6/2023 14:10	40901 JESH_T1	1	1	0	1.8	2	0.2	0	0	0	0	0	0	0	0
7/6/2023 14:11	44501 HAMI_T2	4	0	-4	0.8	0	-0.8	0	0	0	0	0	0	0	0
7/6/2023 14:13	40501 CRES_T2	0	0	0	0	0	0	0.04	0.04	0	0	0	0	0	0
7/6/2023 14:15	64101 REFR_T1	13	11	-2	3.02	3.63	0.61	0.24	0.21	0	0	0	0	0	0
7/6/2023 14:16	66701 STRA_T1	0	1	1	0	0	0	0	0	0	0	0	0	0	0
7/6/2023 14:16	52502 PROG_T2	0	0	0	0	0	0	0.48	0.54	1	1	0	900	900	0
7/6/2023 14:17	14403 SSLA_T1	2	1	-1	0.4	0	-0.4	0.57	0.53	2	2	0	1200	1200	0
7/6/2023 14:17	44904 SCOT_T1	4	4	0	1.4	1.28	-0.12	0	0	0	0	0	0	0	0
7/6/2023 14:17	65603 CIVIL_T2	1	1	0	6.6	6.5	-0.1	0	0	0	0	0	0	0	0
7/6/2023 14:17	43201 MVIL_T2	10	3	-7	0.4	0.6	0.2	0	0	0	0	0	0	0	0
7/6/2023 14:21	20403 ASHF_T2	6	7	1	0.75	0.68	-0.07	0.88	0.94	0	0	0	0	0	0
7/6/2023 14:21	45602 WOOL_T1	3	0	-3	0.27	0	-0.27	0.71	0.72	0	0	0	0	0	0
7/6/2023 14:22	10805 CHHI_T2	95	103	8	0.85	0.85	0	0	0	2	2	0	1800	1800	0
7/6/2023 14:24	11102 EGYP_T1	7	3	-4	0.57	0.9	0.33	0	0	0	0	0	0	0	0
7/6/2023 14:24	28403 HART_T2	0	0	0	0	0	0	-0.43	-0.42	1	1	0	900	900	0
7/6/2023 14:24	52403 GRPA_T2	45	25	-20	0.59	0.51	-0.08	0	0	0	0	0	0	0	0
7/6/2023 14:25	40903 JESH_T1	66	82	16	0.57	0.62	0.05	0.4	0.35	3	3	0	1800	1800	0
7/6/2023 14:27	53902 HALI_T2	1	0	-1	0.2	0	-0.2	-0.43	-0.47	0	0	0	0	0	0
7/6/2023 14:28	59003 MIFF_T1	0	200	200	0	0.47	0.47	0.05	0.27	0	0	0	0	0	0
7/6/2023 14:29	64201 KINZ_T1	1	3	2	0.6	0	-0.6	-0.71	-0.77	5	5	0	3300	3300	0
7/6/2023 14:30	52502 PROG_T2	0	0	0	0	0	0	0.54	0.59	1	1	0	900	900	0
7/6/2023 14:31	48301 ORWI_T1	2	2	0	3.8	4	0.2	-0.87	-0.94	1	1	0	900	900	0
7/6/2023 14:31	16504 STRO_T1	4	5	1	1.45	1.05	-0.4	0	0	0	0	0	0	0	0
7/6/2023 14:32	66701 STRA_T1	0	1	1	0	0.5	0.5	0	0	0	0	0	0	0	0
7/6/2023 14:33	49804 UNIV_T1	1	1	0	1.4	1.7	0.3	1.07	0.96	0	0	0	0	0	0
7/6/2023 14:33	46302 ROHR_T1	7	4	-3	0.56	0.63	0.07	-0.05	-0.09	0	0	0	0	0	0
7/6/2023 14:33	42201 SHEN_T2	0	0	0	0	0	0	0.68	0.67	1	1	0	600	600	0
7/6/2023 14:38	44802 EDAN_T2	0	0	0	0	0	0	-2.55	-2.53	1	1	0	1200	1200	0
7/6/2023 14:41	52402 GRPA_T2	8	7	-1	0.49	0.53	0.04	0	0	0	0	0	0	0	0
7/6/2023 14:44	47802 MOCA_T2	0	0	0	0	0	0	-0.5	-0.48	0	0	0	0	0	0
7/6/2023 14:44	57303 MOAL_T2	1	1	0	8.7	8.5	-0.2	0	0	0	0	0	0	0	0
7/6/2023 14:48	29402 BELT_T1	19	17	-2	0.46	0.29	-0.17	0	0	0	0	0	0	0	0
7/6/2023 14:48	26001 WDAM_T1	67	129	62	0.99	1.15	0.16	-1.22	-1.24	0	0	0	0	0	0
7/6/2023 14:49	66504 SMAN_T2	17	13	-4	0.52	0.3	-0.22	0	0	0	0	0	0	0	0
7/6/2023 14:51	55105 WERT_T1	0	1	1	0	0	0	0	0	0	0	0	0	0	0
7/6/2023 14:53	44801 EDAN_T2	3	5	2	0.77	0.73	-0.04	0	0	0	0	0	0	0	0
7/6/2023 14:54	28403 HART_T2	0	0	0	0	0	0	-0.48	-0.53	1	1	0	900	900	0
7/6/2023 14:54	53601 DALM_T2	1	2	1	0.3	0.4	0.1	-0.34	-0.42	1	1	0	600	600	0
7/6/2023 14:55	41801 GOCI_T2	1	2	1	0.2	0.25	0.05	0	0	0	0	0	0	0	0
7/6/2023 14:59	63403 HONY_T2	15	71	56	0.44	0.37	-0.07	-1.27	-1.36	1	1	0	600	600	0
7/6/2023 15:02	47403 PENS_T1	1	1	0	1.2	2.1	0.9	0	0	0	0	0	0	0	0
7/6/2023 15:03	43301 WATS_T2	0	14	14	0	0.55	0.55	0	0	0	0	0	0	0	0
7/6/2023 15:03	59101 WALK_T2	10	1	-9	0.6	0	-0.6	1.27	0.53	2	1	-1	1050	450	-600
7/6/2023 15:04	55105 WERT_T1	0	1	1	0	0	0	0	0	0	0	0	0	0	0
7/6/2023 15:08	64204 KINZ_T1	24	1	-23	0.26	0.5	0.24	0	0	0	0	0	0	0	0
7/6/2023 15:08	46206 DANV_T2	8	13	5	0.96	0.91	-0.05	0	0	0	0	0	0	0	0
7/6/2023 15:16	47403 PENS_T1	1	1	0	1.9	2.1	0.2	0	0	0	0	0	0	0	0
7/6/2023 15:20	16302 ALPA_T2	0	0	0	0	0	0	0.29	0.32	0	0	0	0	0	0
7/6/2023 15:23	44801 EDAN_T2	4	3	-1	0.63	0.8	0.17	1.21	1.21	0	0	0	0	0

Appendix C - Grid Benefits Achieved in Each Instance of Active Management

7/6/2023 22:23	47401 PENS_T1	4	3	-1	1.1	0.1	-1	0.28	0.23	0	0	0	0	0	0
7/6/2023 22:23	25402 LAHA_T2	0	0	0	0	0	0	-0.66	-0.71	0	0	0	0	0	0
7/6/2023 22:25	53902 HALI_T2	0	0	0	0	0	0	-0.7	-0.59	0	0	0	0	0	0
7/6/2023 22:26	47401 PENS_T1	4	3	-1	1.1	0.1	-1	0.28	0.23	0	0	0	0	0	0
7/6/2023 22:27	52401 GRPA_T2	0	1	1	0	0.2	0.2	0	0	0	0	0	0	0	0
7/6/2023 22:28	66504 SMAN_T2	1	0	-1	0.2	0	-0.2	0	0	0	0	0	0	0	0
7/6/2023 22:29	26002 WDAM_T1	1	21	20	0.2	0.15	-0.05	0	0	0	0	0	0	0	0
7/6/2023 22:29	27101 GFLD_T2	1	1	0	0	0	0	-0.06	0.5	1	0	-1	600	0	-600
7/6/2023 22:29	64204 KINZ_T1	1	1	0	0.8	0.8	0	0	0	0	0	0	0	0	0
7/6/2023 22:30	63402 HONY_T2	1	1	0	0.1	0.4	0.3	0	0	0	0	0	0	0	0
7/6/2023 22:30	44503 HAMI_T2	3	3	0	0	0	0	0	0	0	0	0	0	0	0
7/6/2023 22:30	45302 WBER_T2	0	0	0	0	0	0	0.42	0.44	0	0	0	0	0	0
7/6/2023 22:31	42701 AUGU_T1	1	0	-1	0.1	0	-0.1	0	0	2	2	0	1800	1800	0
7/6/2023 22:31	64201 KINZ_T1	5	2	-3	0.2	0.35	0.15	-0.18	-0.02	1	3	2	1200	1500	300
7/6/2023 22:31	58803 COCO_T1	2	2	0	1.65	1.9	0.25	-0.94	-1.02	0	0	0	0	0	0
7/6/2023 22:32	42701 AUGU_T1	1	0	-1	0.1	0	-0.1	0	0	2	2	0	1800	1800	0
7/6/2023 22:33	44801 EDAN_T2	1	1	0	1.2	0.7	-0.5	0	0	0	0	0	0	0	0
7/6/2023 22:33	59101 WALK_T2	0	0	0	0	0	0	0.41	0.54	2	2	0	1050	1050	0
7/6/2023 22:34	52502 PROG_T2	0	0	0	0	0	0	0.06	-0.01	1	1	0	900	900	0
7/6/2023 22:34	46206 DANV_T2	2	2	0	0.3	0.2	-0.1	0	0	0	0	0	0	0	0
7/6/2023 22:35	59101 WALK_T2	0	0	0	0	0	0	0.54	1.08	2	2	0	1050	1050	0
7/6/2023 22:35	66703 STRA_T1	0	0	0	0	0	0	0.37	0.27	0	0	0	0	0	0
7/6/2023 22:36	44905 SCOT_T1	9	9	0	0.47	0.27	-0.2	0	0	0	0	0	0	0	0
7/6/2023 22:36	49804 UNIV_T1	1	4	3	1.4	0.25	-1.15	1.24	1.17	0	0	0	0	0	0
7/6/2023 22:36	15001 BLMO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
7/6/2023 22:37	43201 MVIL_T2	0	67	67	0	0	0	0	0	0	0	0	0	0	0
7/6/2023 22:37	28403 HART_T2	0	0	0	0	0	0	-0.54	-0.6	1	1	0	900	900	0
7/6/2023 22:37	60101 COCA_T1	0	0	0	0	0	0	-0.39	-0.4	2	1	-1	1800	1200	-600
7/6/2023 22:37	44801 EDAN_T2	1	1	0	1.2	0.7	-0.5	0.91	0.9	0	0	0	0	0	0
7/6/2023 22:37	52404 GRPA_T2	1	1	0	0.2	0.5	0.3	0	0	0	0	0	0	0	0
7/6/2023 22:38	65503 MOJO_T2	0	0	0	0	0	0	-0.56	-0.55	1	1	0	900	900	0
7/6/2023 22:38	55101 WERT_T1	0	0	0	0	0	0	-2.37	-1.51	4	4	0	3300	3300	0
7/6/2023 22:39	66505 SMAN_T2	1	1	0	0.2	0	-0.2	-0.1	-0.02	4	4	0	2300	2300	0
7/6/2023 22:39	44502 HAMI_T2	1	1	0	2.7	2.7	0	-0.41	-0.49	0	0	0	0	0	0
7/6/2023 22:40	40902 JESH_T1	0	0	0	0	0	0	-0.31	-0.33	2	2	0	1200	1200	0
7/6/2023 22:40	59101 WALK_T2	0	0	0	0	0	0	0.54	1.08	2	2	0	1050	1050	0
7/6/2023 22:40	57303 MOAL_T2	1	1	0	7.5	7.7	0.2	0	0	0	0	0	0	0	0
7/6/2023 22:40	43301 WATS_T2	1	0	-1	0.3	0	-0.3	0	0	0	0	0	0	0	0
7/6/2023 22:40	55101 WERT_T1	0	0	0	0	0	0	-2.37	-1.51	4	4	0	3300	3300	0
7/6/2023 22:41	44802 EDAN_T2	0	0	0	0	0	0	-1.69	-1.73	1	1	0	1200	1200	0
7/6/2023 22:41	57303 MOAL_T2	1	1	0	7.5	7.7	0.2	0	0	0	0	0	0	0	0
7/6/2023 22:41	45001 LIME_2	4	8	4	0.13	0.15	0.02	0	0	0	0	0	0	0	0
7/6/2023 22:42	42201 SHEN_T2	0	0	0	0	0	0	0.4	0.39	1	1	0	600	600	0
7/6/2023 22:43	55101 WERT_T1	0	0	0	0	0	0	-2.37	-1.51	4	4	0	3300	3300	0
7/6/2023 22:43	43301 WATS_T2	1	0	-1	0.3	0	-0.3	0	0	0	0	0	0	0	0
7/6/2023 22:43	46302 ROHR_T1	3	4	1	0.57	0.53	-0.04	0.36	0.34	0	0	0	0	0	0
7/6/2023 22:44	52403 GRPA_T2	0	0	0	0	0	0	-0.49	-0.48	0	0	0	0	0	0
7/6/2023 22:44	64101 REFR_T1	0	0	0	0	0	0	-0.08	0.47	0	0	0	0	0	0
7/6/2023 22:45	45302 WBER_T2	0	0	0	0	0	0	0.44	0.45	0	0	0	0	0	0
7/6/2023 22:45	45602 WOOL_T1	0	0	0	0	0	0	0.93	0.85	0	0	0	0	0	0
7/6/2023 22:46	66703 STRA_T1	0	0	0	0	0	0	0.37	0.27	0	0	0	0	0	0
7/6/2023 22:49	40902 JESH_T1	0	0	0	0	0	0	-0.33	-0.32	2	2	0	1200	1200	0
7/6/2023 23:44	44801 EDAN_T2	2	2	0	0.5	0.8	0.3	0.79	0.77	0	0	0	0	0	0
7/7/2023 0:28	53903 HALI_T2	2	2	0	0.3	0.45	0.15	0	0	0	0	0	0	0	0
7/7/2023 0:28	29401 BELT_T1	0	0	0	0	0	0	0	0	1	1	0	900	900	0
7/7/2023 0:28	67503 WEWI_T2	0	0	0	0	0	0	-0.94	-0.95	1	1	0	900	900	0
7/7/2023 0:28	65901 SAKR_T2	0	0	0	0	0	0	-1.86	-2.04	2	2	0	1800	1800	0
7/7/2023 0:28	47802 MOCA_T2	0	0	0	0	0	0	-0.7	-0.7	0	0	0	0	0	0
7/7/2023 0:28	59003 MIFF_T1	0	0	0	0	0	0	-0.35	-0.49	0	0	0	0	0	0
7/7/2023 0:28	65902 SAKR_T2	0	0	0	0	0	0	-0.46	-0.35	1	1	0	300	300	0
7/7/2023 0:28	42601 TUSC_T1	0	5	5	0	0.1	0.1	-0.13	-0.21	2	2	0	1800	1800	0
7/7/2023 0:28	65604 QVIL_T2	22	58	36	0.25	0.29	0.04	0.58	0.48	0	0	0	0	0	0
7/7/2023 0:28	60501 NMAN_T2	3	3	0	3.93	4.07	0.14	0	0	0	0	0	0	0	0
7/7/2023 0:28	40501 CRES_T2	4	0	-4	0.13	0	-0.13	0.02	0.01	0	0	0	0	0	0
7/7/2023 0:28	64202 KINZ_T1	3	3	0	0.4	0.47	0.07	0	0	0	0	0	0	0	0
7/7/2023 0:28	12206 FOGE_T2	0	0	0	0	0	0	-1.68	-1.61	3	3	0	3300	3300	0
7/7/2023 0:28	44905 SCOT_T1	4	0	-4	0.3	0	-0.3	0	0	0	0	0	0	0	0
7/7/2023 0:28	55101 WERT_T1	0	0	0	0	0	0	-1.77	-1.8	3	3	0	2400	2400	0
7/7/2023 0:28	11104 EGYP_T1	0	0	0	0	0	0	0.86	0.76	0	0	0	0	0	0
7/7/2023 0:28	64101 REFR_T1	0	0	0	0	0	0	0.54	0.49	0	0	0	0	0	0
7/7/2023 0:28	41801 GOCI_T2	1	1	0	0.2	0.3	0.1	0	0	0	0	0	0	0	0
7/7/2023 0:28	45402 WBLO_T2	0	1	1	0	0.9	0.9	-1.37	-1.38	1	1	0	900	900	0
7/7/2023 0:28	28604 BLYT_T2	0	0	0	0	0	0	-1.19	-1.2	0	0	0	0	0	0
7/7/2023 0:28	53601 DALM_T2	1	1	0	0.9	0.6	-0.3	-0.36	-0.37	1	1	0	600	600	0
7/7/2023 0:28	41901 REED_T1	0	0	0	0	0	0	-1.2	-1.19	1	1	0	900	900	0
7/7/2023 0:28	20402 ASHF_T2	3	0	-3	0.1	0	-0.1	0	0	0	0	0	0	0	0
7/7/2023 0:28	16302 ALPA_T2	0	0	0	0	0	0	-0.33	-0.3	0	0	0	0	0	0
7/7/2023 0:28	63404 HONY_T1	2	2	0	7.8	8.05	0.25	0	0	0	0	0	0	0	0
7/7/2023 0:28	10805 CHHI_T2	1	1	0	8.5	8.6	0.1	-1.17	-1.15	1	1	0	600	600	0
7/7/2023 0:28	14403 SSLA_T1	0	0	0	0	0	0	0.31	0.22	1	1	0	600	600	0
7/7/2023 0:28	48301 ORWI_T1	2	2	0	5.05	4.5	-0.55	-0.85	-0.88	0	0	0	0	0	0
7/7/2023 0:28	52402 GRPA_T2	1	1	0	0.4	0.1	-0.3	0	0	0	0	0	0	0	0
7/7/2023 0:28	29401 BELT_T1	0	0	0	0	0	0	0	0	1	1	0	900	900	0
7/7/2023 0:28	23401 HONE_T2	0	0	0	0	0	0	-0.05	-0.06	0	0	0	0	0	0
7/7/2023 0:28	61202 REIN_T1	0	0	0	0	0	0	0	0	1	1	0	900	900	0
7/7/2023 0:28	12701 MACU_T1	0	0	0	0	0	0	-0.99	-0.97	1	1	0	1200	1200	0
7/7/2023 0:28	44503 HAMI_T2	0	3	3	0	0	0	0	0	0	0	0	0	0	0
7/7/2023 0:28	28403 HART_T2	0	0	0	0	0	0	-0.73	-0.81	1	1	0	900	900	0
7/7/2023 1:13	16301 ALPA_T1	0	0	0	0	0	0	-1.25	-1.28	0	0	0	0	0	0
7/7/2023 1:37	52404 GRPA_T2	1	1	0	0.1	0.3	0.2	0	0	0	0	0	0	0	0
7/7/2023 3:25	44801 EDAN_T2	0	1	1	0	0.1	0.1	0.67	0.65	0	0	0	0	0	0
7/7/2023 7:57	24102 EHAZ_T1	0	2	2	0	0.25	0.25	0	0	0	0	0	0	0	0
7/7/2023 8:13	44502 HAMI_T2	1	1	0	2	1.8	-0.2	-0.49	-0.48	0	0	0	0	0	0
7/7/2023 8:38	52404 GRPA_T2	0	1	1	0	0	0	0.82	0.8	0	0	0	0	0	0
7/7/2023 8:52	52404 GRPA_T2	0	1	1	0	0.2	0.2	0.8	0.61	0	0	0	0	0	0
7/7/2023 8:58	66505 SMAN_T2	1	5	4	0.9	0.4	-0.5	0.36	0.23	3	4	1	2100	2300	200
7/7/2023 9:11	44801 EDAN_T2	1	3	2	1.1	0.83	-0.27	0.89	0.94	0	0	0	0	0	0
7/7/2023 9:14	48302 ORWI_T2	2	2	0	0.4	0.25	-0.15	0.21	0.21	0	0	0	0	0	0
7/7/2023 9:18	59101 WALK_T2	1	0	-1	0.2	0	-0.2	1.3	1.47	2	2	0	1050	1050	0
7/7/2023 9:19	29402 BELT_T1	4	15	11	0.18	0.25	0.07	0	0	0	0	0	0	0	0
7/7/2023 9:26	43202 MVIL_T2	0	1	1	0	0	0	-0.44	-0.42	0	0	0	0	0	0
7/7/2023 9:42	41901 REED_T1	1	0	-1	0.1	0	-0.1	-0.91	-0.91	1	1	0	900	900	0
7/7/2023 9:48	58803 COCO_T1	1	5	4	1.8	1.6	-0.2	-0.18	-0.24	1	1	0	600	600	0
7/7/2023 9:50	56802 BENV_T2	1	1	0	0.5	0.4	-0.1	-0.76	-0.74	0	0	0	0	0	0
7/7/2023 9:54	64202 KINZ_T1	0	1	1	0	0	0	0	0	0	0	0	0	0	0
7/7/2023 9:59	65902 SAKR_T2	0	0	0	0	0	0	-0.83	-0.67	2	2	0	1200	1200	0
7/7/2023 10:00	67604 WARW_T1	0	0	0	0	0	0	0.49	0.45	0	0	0	0	0	0
7/7/2023 10:00	12606 MACA_T1	0	4	4	0	0.1	0.1	0	0	0	0	0	0	0	0
7/7/2023 10:00	52404 GRPA_T2	1	7	6	0.1	0	-0.1	0	0	0	0	0	0	0	0
7/7/2023 10:00	20401 ASHF_T2	2	2	0	0.75	0.7	-0.05	0.4	0.43	1	1	0	600	600	0
7/7/2023 10:00	20403 ASHF_T2	5	13	8	0.18	0.46	0.28	1.68	1.89	0	0	0	0	0	0
7/7/2023 10:00	52503 PROG_T2	0	0	0	0	0	0	-0.14	-0.1	1	1	0	900	900	0
7/7/2023 10:00	58803 COCO_T1	1	16	15	1.6	0.84	-0.76	-0.24	-0.09	1	1	0	600	600	0
7/7/2023 10:00	64801 MONE_T2	0	1	1	0	0.6	0.6	0.85	-0.01	0	0	0	0	0	0
7/7/2023 10:00	56601 HAMP_T1	1	1	0	0.5	0.5	0	0.17	0.16	0	0	0	0	0	0
7/7/2023 10:00	24101 EHAZ_T1	14	47	33	0.33	1.22	0.89	0.96	0.96	2	2	0	1200	1200	0
7/7/2023 10:00	42701 AUGU_T1	0	1	1	0	0.2	0.2	0	0	2	2	0	1800	1800	0
7/7/2023 10:00	44301 BEAV_T2	3	5	2	0.47	0.53	0.06	0.69	0.73	2	2	0	1500	1500	0
7/7/2023 10:00	15604 NSTR_T1	0	0	0	0	0	0	0.38	0.43	0	0	0	0	0	0
7/7/2023 10:06	66505 SMAN_T2	0	0	0	0	0	0	0.52	0.33	4	4	0	2300	2300	0
7/7/2023 10:08	44502 HAMI_T2	1	1	0	1	1.1	0.1	-0.34	-0.36	0	0	0	0	0	0
7/7/2023 10:10	23203 HIRU_T2	0	0	0	0	0	0	0.18	0.2	0	0	0	0	0	0
7/7/2023 10:11	40901 JESH_T1	1	1	0	1.2	1.4	0.2	0	0	0	0	0	0	0	0
7/7/2023 10:14	65901 SAKR_T2	0	1	1	0	0	0	-0.77	-0.57	2	2	0	1500	1500	0
7/7/2023 10:15	52502 PROG_T2	0	0	0	0	0	0	0.01	0.05	1	1	0	900	900	0
7/7/2023 10:18	59101 WALK_T2	0	2	2	0	0	0	1.48	1.24	2	2	0	1050	1050	0
7/7/2023 10:19	66505 SMAN_T2	0	12	12	0	0	0	0	0	0	0	0	0	0	0
7/7/2023 10:19	15001 BLMO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
7/7/2023 10:21	11102 EGYP_T1	4	7	3	1	1.43	0.43	0	0	0	0	0	0	0	0
7/7/2023 10:21	28403 HART_T2	0	0	0	0	0	0	-0.48	-0.47	1	1	0	900	900	0
7/7/2023 10:24	63403 HONY_T2	1	1	0	0.7	0	-0.7	-0.61	-0.61	1	1	0	600	600	0
7/7/2023 10:25	64201 KINZ_T1	0	1	1	0	0	0	-0.51	-0.46	4	4	0	2700	2700	0
7/7/2023 10:26	40502 CRES_T2	0	3	3	0	0.2	0.2	0	0	0	0	0	0	0	0
7/7/2023 10:27	44203 POIN_T2	8	7	-1	1.09	0.67	-0.42	0.41	0.44	2	2	0	2100	2100	0
7/7/2023 10:29	41902 REED_T1	5	12	7	0.3	0.35	0.05	0.73	0.78	1	1	0	900	900	0
7/7/2023 10:30	45602 WOOL_T1	0	0	0	0	0	0	0.82	0.88	0	0	0	0	0	0
7/7/2023 10:31	52403 GRPA_T2	2	7	5	0.65	0	-0.65	0	0	0	0	0	0	0	0
7/7/2023 10:35	29402 BELT_T1	79	138	59	0.74	1.36	0.62	0	0	0	0	0	0	0	0
7/7/2023 10:39	64204 KINZ_T1	9	6	-3	0.23	0	-0.23	0	0	0	0	0	0	0	0
7/7/2023 10:40	17805 GILB_T2	0	0	0	0	0	0	-0.16	-0.06	0	0	0	0	0	0
7/7/2023 10:41	60501 NMAN_T2	3	3	0	3.07	2.57	-0.5	0	0	0	0	0	0	0	0
7/7/2023 10:43	52502 PROG_T2	0	0	0	0	0	0	0.11	0.12	1	1	0	900	900	0
7/7/2023 10:44	65901 SAKR_T2	0	1	1	0	0	0	-0.6	-0.64	2	2	0	1500	1500	0
7/7/2023 10:45	65604 QVIL_T2	0	1	1	0	0	0	0.6	0.68	0	0	0	0	0	0
7/7/2023 10:45	64101 REFR_T1	10	10	0	2.94	1.95	-0.99	-0.01	0.03	0	0	0	0	0	0
7/7/2023 10:45	46302 ROHR_T1	1	4	3	0.8	0.35	-0.45	-0.26	-0.24	0	0	0	0	0	0
7/7/2023 10:47	67503 WEWI_T2	0	1	1	0	0.2	0.2	0.51	0.6	0	0	0	0	0	0
7/7/2023 10:48	59202 THOM_T1	3	2	-1	0.67	0.15	-0.52	0	0	0	0	0	0	0	0
7/7/2023 10:48	55101 WERT_T1	1	18	17	0.3	0.15	-0.15	-1.58	-1.51	4	4	0	3300	3300	0
7/7/2023 10:51	58803 COCO_T1	27	130	103	0.51	0.39	-0.12	0.33	0.55	1	1	0	600	600	0
7/7/2023 10:51	15001 BLMO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
7/7/2023 10:51	56801 BENV_T1	0	4	4	0	0.45	0.45	0	0	0	0	0	0	0	0
7/7/2023 10:52	11102 EGYP_T1	3	4	1	1.43	1.5	0.07	0	0	0	0	0	0	0	0
7/7/2023 10:54	29401 BELT_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
7/7/2023 11:02	56803 BENV_T1	2	3	1	1.9	0.85	-1.05	0.34	0.66	1	1	0	600	600	0
7/7/2023 11:03	15001 BLMO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
7/7/2023 11:05	10805 CHHI_T2	7	7	0	1.8	8.9	7.1	-0.94	-0.93	2	2	0	1800	1800	0
7/7/2023 11:06	44802 EDAN_T2	0	0	0	0	0	0	-1.93	-1.87	1	1	0	1200	1200	0
7/7/2023 11:06	42701 AUGU_T1	3	2	-1	0.23	0	-0.23	0	0	2	2	0	1800	1800	0
7/7/2023 11:09	12701 MACU_T1	0	2	2	0	1.8	1.8	-0.7	-0.68	1	1	0	1200	1200	0
7/7/2023 11:09	23401 HONE_T2	3	6	3	1.07	0.67	-0.4	0.33	0.3	0	0	0	0	0	0
7/7/2023 11:14	59101 WALK_T2	6	12	6	0.55	0.41	-0.14	1.42	1.56	2	2	0	1050	1050	0
7/7/2023 11:16	55101 WERT_T1	18	18	0	0.32	0.29	-0.03	-1.63	-1.61	4	4	0	3300	3300	0
7/7/2023 11:16	54001 SDLE_T1	1	3	2	0.9	0.47	0.43	0	0	1	1	0	600	600	0
7/7/2023 11:16	52502 PROG_T2	0	0	0	0	0	0	0.19	0.19	1	1	0	900	900	0
7/7/2023 11:18	10801 CHHI_T1	0	1	1	0	0.3	0.3	-0.46	-0.36	2	2	0	1500	1500	0
7/7/2023 11:20	48902 FOSP_T2	0	0	0	0	0	0	0.81	0.05	0	0	0	0	0	0
7/7/2023 11:21	61102 BERK_T5	1	0	-1	0	0	0	0.71	0.42	1	1	0	300	300	0
7/7/2023 11:25	27102 GFLD_T2	0	4	4	0	0.5	0.5	0	0	0	0	0	0	0	0
7/7/2023 11:25	52401 GRPA_T2	5	4	-1	0.4	0	-0.4	0	0	0	0	0	0	0	0
7/7/2023 11:27	41903 REED_T1	4	7	3	1.58	1.22	-0.36	0	0	0	0	0	0	0	0
7/7/2023 11:28	52502 PROG_T2	0	0	0	0	0	0	0.19	0.27	1	1	0	900	900	0
7/7/2023 11:30	59101 WALK_T2	10	1	-9	0.45	0	-0.45	1.56	1.71	2	2	0	1050	1050	0
7/7/2023 11:32	42601 TUSC_T1	11	25	14	0.96	0.48	-0.48	0.39	0.21	3	3	0	2400	2400	0
7/7/2023 11:32	55101 WERT_T1	14	18	4	0.29	0.34	0.05	-1.61	-1.39	4	4	0	3300	3300	0
7/7/2023 11:32	45402 WBLO_T2	1	0	-1	0.2	0	-0.2	-0.82	-0.7	1	1	0	900	900	0
7/7/2023 11:39	52402 GRPA_T2	2	5	3	0.5	0.15	-0.35	0	0	0	0	0	0	0	0
7/7/2023 11:40	50506 MEDI_T1	0	3	3	0	0.33	0

7/7/2023 15:25	47001 HUGH_T2	0	0	0	0	0	0	-0.61	-0.55	1	1	0	900	900	0
7/7/2023 15:26	40101 HUNT_T2	59	25	-34	0.66	0.56	-0.1	-1.26	-1.33	0	0	0	0	0	0
7/7/2023 15:28	57304 MOAL_T2	1	1	0	0.7	0.4	-0.3	-0.53	-0.46	0	0	0	0	0	0
7/7/2023 15:34	16302 ALPA_T2	0	0	0	0	0	0	0.29	0.25	0	0	0	0	0	0
7/7/2023 15:51	46001 BERW_T1	2	0	-2	0.95	0	-0.95	0.54	0.57	0	0	0	0	0	0
7/7/2023 16:00	42201 SHEN_T2	0	0	0	0	0	0	0.68	0.7	1	1	0	600	600	0
7/7/2023 16:08	25402 LAHA_T2	0	0	0	0	0	0	-0.42	-0.25	0	0	0	0	0	0
7/7/2023 16:34	15204 SFAR_T2	0	0	0	0	0	0	0.33	0.34	0	0	0	0	0	0
7/7/2023 16:41	25402 LAHA_T2	0	0	0	0	0	0	-0.36	-0.43	0	0	0	0	0	0
7/7/2023 16:53	15204 SFAR_T2	0	0	0	0	0	0	0.34	0.34	0	0	0	0	0	0
7/7/2023 17:04	15203 SFAR_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
7/7/2023 17:13	52503 PROG_T2	0	1	1	0	0	0	0	0	0	0	0	0	0	0
7/7/2023 17:21	15204 SFAR_T2	0	0	0	0	0	0	0.35	0.39	0	0	0	0	0	0
7/7/2023 17:26	58401 MORO_T1	7	16	9	0.87	0.68	-0.19	0	0	0	0	0	0	0	0
7/7/2023 20:01	20403 ASHF_T2	0	0	0	0	0	0	0.94	0.92	0	0	0	0	0	0
7/7/2023 20:11	23203 HIRU_T2	0	0	0	0	0	0	0.23	0.24	0	0	0	0	0	0
7/7/2023 20:13	52502 PROG_T2	0	0	0	0	0	0	0.06	0.03	1	1	0	900	900	0
7/7/2023 20:46	64101 REFR_T1	0	0	0	0	0	0	-0.02	-0.08	0	0	0	0	0	0
7/7/2023 21:34	42601 TUSC_T1	0	1	1	0	0	0	0.18	0.2	2	2	0	1800	1800	0
7/7/2023 21:42	50501 MECH_T1	4	0	-4	0.2	0	-0.2	0	0	0	0	0	0	0	0
7/7/2023 22:47	43301 WATS_T2	0	1	1	0	0.1	0.1	0	0	0	0	0	0	0	0
7/7/2023 22:49	25402 LAHA_T2	0	0	0	0	0	0	-0.71	-0.71	0	0	0	0	0	0
7/7/2023 22:53	52403 GRPA_T2	2	2	0	0.4	0.45	0.05	0	0	0	0	0	0	0	0
7/7/2023 22:54	40101 HUNT_T2	1	1	0	0.2	0.2	0	-1.07	-0.46	0	0	0	0	0	0
7/8/2023 0:28	51604 DUKE_T2	0	0	0	0	0	0	-1.39	-1.4	1	1	0	900	900	0
7/8/2023 0:28	64204 KINZ_T1	1	1	0	1	0.9	-0.1	0	0	0	0	0	0	0	0
7/8/2023 0:28	56801 BENV_T1	20	22	2	1.07	1.53	0.46	-0.55	-0.54	1	1	0	600	600	0
7/8/2023 0:28	65901 SAKR_T2	0	0	0	0	0	0	-2.54	-2.66	2	2	0	1800	1800	0
7/8/2023 0:28	24105 EHAZ_T1	4	4	0	7.03	6.95	-0.08	0	0	0	0	0	0	0	0
7/8/2023 0:28	59101 WALK_T2	0	0	0	0	0	0	3.42	3.52	3	3	0	1350	1350	0
7/8/2023 0:28	15204 SFAR_T2	0	0	0	0	0	0	2.13	2.07	0	0	0	0	0	0
7/8/2023 0:28	29402 BELT_T1	0	6	6	0	0.13	0.13	0	0	0	0	0	0	0	0
7/8/2023 0:28	52402 GRPA_T2	0	1	1	0	0.4	0.4	0	0	0	0	0	0	0	0
7/8/2023 0:28	47403 PENS_T1	1	1	0	2.7	2.8	0.1	0	0	0	0	0	0	0	0
7/8/2023 0:28	27101 GFLD_T2	1	2	1	0	0	0	0.45	0.44	0	0	0	0	0	0
7/8/2023 0:28	59202 THOM_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
7/8/2023 0:28	15204 SFAR_T2	0	0	0	0	0	0	2.13	2.07	0	0	0	0	0	0
7/8/2023 0:28	64202 KINZ_T1	2	3	1	0.15	0.67	0.52	0	0	0	0	0	0	0	0
7/8/2023 0:28	47001 HUGH_T2	0	0	0	0	0	0	-0.61	-0.65	0	0	0	0	0	0
7/8/2023 0:28	10801 CHHI_T1	0	1	1	0	0	0	-0.13	-0.11	1	1	0	600	600	0
7/8/2023 0:28	44502 HAMI_T2	1	1	0	3.4	3.4	0	-1.36	-1.4	0	0	0	0	0	0
7/8/2023 0:28	56801 BENV_T1	20	22	2	1.07	1.53	0.46	-0.55	-0.54	1	1	0	600	600	0
7/8/2023 0:28	11104 EGYP_T1	0	0	0	0	0	0	0.78	0.8	0	0	0	0	0	0
7/8/2023 0:28	10805 CHHI_T2	1	1	0	8.2	8.2	0	-1.22	-1.2	1	1	0	600	600	0
7/8/2023 0:28	60501 NMAN_T2	3	3	0	4.2	4.53	0.33	0	0	0	0	0	0	0	0
7/8/2023 0:28	61102 BERK_T5	0	0	0	0	0	0	-0.2	-0.32	1	1	0	300	300	0
7/8/2023 0:28	61802 EELI_T2	8	8	0	0.33	0.2	-0.13	0	0	0	0	0	0	0	0
7/8/2023 0:28	46001 BERW_T1	0	0	0	0	0	0	0.98	0.96	0	0	0	0	0	0
7/8/2023 0:28	56802 BENV_T2	0	0	0	0	0	0	-1.12	-1.16	0	0	0	0	0	0
7/8/2023 0:28	16301 ALPA_T1	0	1	1	0	0.1	0.1	-1.39	-1.34	0	0	0	0	0	0
7/8/2023 0:28	28403 HART_T2	0	0	0	0	0	0	-0.76	-0.77	1	1	0	900	900	0
7/8/2023 0:28	55101 WERT_T1	0	0	0	0	0	0	-8.21	-8.21	12	12	0	9600	9600	0
7/8/2023 0:28	65603 QVIL_T2	1	1	0	9.1	9	-0.1	0	0	0	0	0	0	0	0
7/8/2023 0:28	46302 ROHR_T1	3	3	0	0.3	0.63	0.33	-0.36	-0.37	0	0	0	0	0	0
7/8/2023 0:28	10602 BLGL_T2	0	0	0	0	0	0	0.34	0.34	0	0	0	0	0	0
7/8/2023 0:28	66504 SMAN_T2	0	0	0	0	0	0	-2.24	-2.4	2	2	0	2400	2400	0
7/8/2023 0:28	42701 AUGU_T1	1	1	0	0.6	1.2	0.6	0	0	8	8	0	7200	7200	0
7/8/2023 0:28	60101 COCA_T1	0	0	0	0	0	0	0.55	0.53	0	0	0	0	0	0
7/8/2023 0:28	45602 WOOL_T1	0	0	0	0	0	0	0.72	0.71	0	0	0	0	0	0
7/8/2023 0:28	13704 SCHN_T2	0	0	0	0	0	0	-0.11	-0.2	0	0	0	0	0	0
7/8/2023 0:28	44802 EDAN_T2	0	0	0	0	0	0	-2.23	-2.38	1	1	0	1200	1200	0
7/8/2023 0:28	16402 MOPO_T1	0	0	0	0	0	0	0.79	0.81	0	0	0	0	0	0
7/8/2023 0:28	23401 HONE_T2	0	0	0	0	0	0	-0.13	-0.16	0	0	0	0	0	0
7/8/2023 0:28	52402 GRPA_T2	0	1	1	0	0.4	0.4	0	0	0	0	0	0	0	0
7/8/2023 0:28	66504 SMAN_T2	0	0	0	0	0	0	-2.24	-2.4	2	2	0	2400	2400	0
7/8/2023 0:28	52502 PROG_T2	0	0	0	0	0	0	2.35	2.3	0	0	0	0	0	0
7/8/2023 0:28	63404 HONY_T1	2	2	0	7.25	7.55	0.3	0	0	0	0	0	0	0	0
7/8/2023 0:28	61202 REIN_T1	0	0	0	0	0	0	0	0	1	1	0	900	900	0
7/8/2023 0:28	25801 SUTR_T2	0	0	0	0	0	0	-0.37	-0.42	0	0	0	0	0	0
7/8/2023 0:28	40901 JESH_T1	1	1	0	0.4	0.3	-0.1	0	0	0	0	0	0	0	0
7/8/2023 0:28	62607 ENGL_T1	1	1	0	8.2	7.9	-0.3	0	0	0	0	0	0	0	0
7/8/2023 0:28	44301 BEAV_T2	0	0	0	0	0	0	0.09	-0.31	1	1	0	600	600	0
7/8/2023 0:28	67503 WEWI_T2	0	0	0	0	0	0	-1.11	-1.07	0	0	0	0	0	0
7/8/2023 0:28	45402 WBLO_T2	1	2	1	0.7	0.75	0.05	-1.39	-0.49	1	1	0	900	900	0
7/8/2023 0:28	67502 WEWI_T2	0	0	0	0	0	0	-0.99	-1.07	1	1	0	900	900	0
7/8/2023 0:28	44203 POIN_T2	0	0	0	0	0	0	0.33	0.44	1	1	0	900	900	0
7/8/2023 0:28	40501 CRES_T2	7	0	-7	0.23	0	-0.23	0.01	0.01	0	0	0	0	0	0
7/8/2023 0:28	66703 STRA_T1	0	0	0	0	0	0	0.06	0.08	0	0	0	0	0	0
7/8/2023 0:28	15001 BLMO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
7/8/2023 0:28	16302 ALPA_T2	0	0	0	0	0	0	-0.45	-0.44	0	0	0	0	0	0
7/8/2023 0:28	17805 GILB_T2	0	0	0	0	0	0	0.1	0.1	0	0	0	0	0	0
7/8/2023 0:28	43304 WATS_T2	0	0	0	0	0	0	-0.44	-0.45	0	0	0	0	0	0
7/8/2023 0:28	12701 MACU_T1	0	0	0	0	0	0	-2.02	-2.06	2	2	0	2400	2400	0
7/8/2023 0:28	14403 SSLA_T1	0	0	0	0	0	0	0.86	0.8	0	0	0	0	0	0
7/8/2023 0:28	63403 HONY_T2	0	0	0	0	0	0	-0.24	-0.32	1	1	0	600	600	0
7/8/2023 0:28	41902 REED_T1	0	0	0	0	0	0	0.6	0.52	2	2	0	1800	1800	0
7/8/2023 0:28	48902 FOSP_T2	0	0	0	0	0	0	-0.44	-0.54	0	0	0	0	0	0
7/8/2023 0:28	57303 MOAL_T2	1	1	0	8	7.8	-0.2	0	0	0	0	0	0	0	0
7/8/2023 0:28	58402 MORO_T1	0	0	0	0	0	0	-0.37	-0.37	1	1	0	900	900	0
7/8/2023 0:28	58803 COCO_T1	2	2	0	1.8	2	0.2	-0.96	-1.02	0	0	0	0	0	0
7/8/2023 0:28	42201 SHEN_T2	0	0	0	0	0	0	0.21	0.19	1	1	0	600	600	0
7/8/2023 0:28	25402 LAHA_T2	0	0	0	0	0	0	-0.74	-0.76	0	0	0	0	0	0
7/8/2023 0:28	54001 SDLE_T1	1	1	0	0.2	0.7	0.5	0	0	1	1	0	600	600	0
7/8/2023 5:08	58803 COCO_T1	2	2	0	2.85	2.95	0.1	-1.21	-1.15	0	0	0	0	0	0
7/8/2023 8:04	15203 SFAR_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
7/8/2023 8:20	15204 SFAR_T2	0	0	0	0	0	0	0.72	0.75	0	0	0	0	0	0
7/8/2023 8:34	15204 SFAR_T2	0	0	0	0	0	0	0.75	0.78	0	0	0	0	0	0
7/8/2023 8:50	15204 SFAR_T2	0	0	0	0	0	0	0.78	0.83	0	0	0	0	0	0
7/8/2023 9:06	15203 SFAR_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
7/8/2023 9:08	59101 WALK_T2	0	0	0	0	0	0	1.01	1.13	1	1	0	450	450	0
7/8/2023 9:19	43201 MVIL_T2	1	1	0	0.7	0.2	-0.5	0	0	0	0	0	0	0	0
7/8/2023 9:23	29402 BELT_T1	1	3	2	0.1	0.15	0.05	0	0	0	0	0	0	0	0
7/8/2023 9:27	44502 HAMI_T2	1	1	0	1.3	1.3	0	-0.49	-0.52	0	0	0	0	0	0
7/8/2023 9:33	58402 MORO_T1	0	0	0	0	0	0	-0.33	-0.26	1	1	0	900	900	0
7/8/2023 9:34	48302 ORWI_T2	2	2	0	0.55	0.35	-0.2	-0.56	-0.53	0	0	0	0	0	0
7/8/2023 9:34	59101 WALK_T2	0	1	1	0	0	0	1.18	1.16	1	1	0	450	450	0
7/8/2023 9:35	65503 MOJO_T2	0	0	0	0	0	0	-0.13	-0.18	1	1	0	900	900	0
7/8/2023 9:41	58803 COCO_T1	2	2	0	1	1.4	0.4	-0.61	-1.18	0	0	0	0	0	0
7/8/2023 9:42	11102 EGYP_T1	3	7	4	1.3	1.48	0.18	0	0	0	0	0	0	0	0
7/8/2023 9:44	52403 GRPA_T2	1	1	0	0.5	0	-0.5	0	0	0	0	0	0	0	0
7/8/2023 9:53	20401 ASHF_T2	1	1	0	0.5	0	-0.5	0	0	0	0	0	0	0	0
7/8/2023 10:00	52404 GRPA_T2	2	2	0	0.5	0.2	-0.3	0	0	0	0	0	0	0	0
7/8/2023 10:00	12606 MACA_T1	17	26	9	0.49	0.47	-0.02	0	0	0	0	0	0	0	0
7/8/2023 10:00	20401 ASHF_T2	1	0	-1	1.2	0	-1.2	0.27	0.36	1	1	0	600	600	0
7/8/2023 10:00	56601 HAMP_T1	0	0	0	0	0	0	0.29	0.29	0	0	0	0	0	0
7/8/2023 10:00	58803 COCO_T1	2	2	0	1.4	1.75	0.35	-1.18	-1.13	1	1	0	600	600	0
7/8/2023 10:00	64801 MONE_T2	0	1	1	0	0.5	0.5	-0.01	-0.01	0	0	0	0	0	0
7/8/2023 10:00	16402 MOPO_T1	0	0	0	0	0	0	-0.11	-0.08	0	0	0	0	0	0
7/8/2023 10:00	15604 NSTR_T1	0	0	0	0	0	0	0.34	0.31	0	0	0	0	0	0
7/8/2023 10:00	47401 PENS_T1	3	2	-1	0.53	0	-0.53	0.18	0.25	0	0	0	0	0	0
7/8/2023 10:00	67604 WARW_T1	0	0	0	0	0	0	0.29	0.27	0	0	0	0	0	0
7/8/2023 10:00	52503 PROG_T2	0	0	0	0	0	0	-0.23	-0.23	1	1	0	900	900	0
7/8/2023 10:01	41901 REED_T1	1	8	7	0.2	0.33	0.13	-1.9	-1.88	1	1	0	900	900	0
7/8/2023 10:07	56803 BENV_T1	1	1	0	2	0.2	-1.8	0.14	0.18	1	1	0	600	600	0
7/8/2023 10:07	29402 BELT_T1	6	160	154	0.32	0.97	0.65	0	0	0	0	0	0	0	0
7/8/2023 10:07	66505 SMAN_T2	0	1	1	0	0	0	0.19	0.1	4	4	0	2300	2300	0
7/8/2023 10:08	42701 AUGU_T1	0	1	1	0	0.4	0.4	0	0	2	2	0	1800	1800	0
7/8/2023 10:10	27101 GFLD_T2	2	7	5	0.7	0.85	0.15	0.11	0.04	1	1	0	600	600	0
7/8/2023 10:12	63403 HONY_T2	1	2	1	1	0.6	-0.4	-0.68	-0.6	1	1	0	600	600	0
7/8/2023 10:15	52403 GRPA_T2	0	3	3	0	0.2	0.2	-0.4	-0.42	0	0	0	0	0	0
7/8/2023 10:17	47401 PENS_T1	0	2	2	0	0.2	0.2	0.25	0.28	0	0	0	0	0	0
7/8/2023 10:18	52502 PROG_T2	0	0	0	0	0	0	-0.1	-0.02	1	1	0	900	900	0
7/8/2023 10:20	66505 SMAN_T2	0	2	2	0	0	0	0.1	0.18	4	4	0	2300	2300	0
7/8/2023 10:22	29402 BELT_T1	132	155	23	1.05	0.99	-0.06	0	0	0	0	0	0	0	0
7/8/2023 10:22	43301 WATS_T2	0	1	1	0	0	0	0	0	0	0	0	0	0	0
7/8/2023 10:24	56801 BENV_T1	7	12	5	0.43	0.45	0.02	0	0	0	0	0	0	0	0
7/8/2023 10:24	59101 WALK_T2	0	0	0	0	0	0	0.79	0.96	2	2	0	1050	1050	0
7/8/2023 10:24	28403 HART_T2	0	0	0	0	0	0	-0.57	-0.56	1	1	0	900	900	0
7/8/2023 10:27	17805 GILB_T2	0	0	0	0	0	0	-0.34	-0.36	0	0	0	0	0	0
7/8/2023 10:27	40101 HUNT_T2	21	3	-18	0.39	0.15	-0.24	-0.87	-1.01	0	0	0	0	0	0
7/8/2023 10:28	24105 EHAZ_T1	4	4	0	7.15	7.13	-0.02	0	0	0	0	0	0	0	0
7/8/2023 10:28	52402 GRPA_T2	1	0	-1	0.2	0	-0.2	0	0	0	0	0	0	0	0
7/8/2023 10:29	64204 KINZ_T1	1	1	0	0.7	0.3	-0.4	0	0	0	0	0	0	0	0
7/8/2023 10:31	64304 LINC_T2	1	1	0	0	0	0	0	0	0	0	0	0	0	0
7/8/2023 10:33	46302 ROHR_T1	2	3	1	1.25	1	-0.25	-0.28	-0.26	0	0	0	0	0	0
7/8/2023 10:33	65604 QVIL_T2	0	0	0	0	0	0	0.46	0.5	0	0	0	0	0	0
7/8/2023 10:33	42201 SHEN_T2	0	0	0	0	0	0	0.96	0.37	1	1	0	600	600	0
7/8/2023 10:34	56504 ROCK_T2	0	0	0	0	0	0	-0.68	-0.68	0	0	0	0	0	0
7/8/2023 10:36	55101 WERT_T1	0	0	0	0	0	0	-2.29	-2.38	3	4	1	2400	3300	900
7/8/2023 10:38	10602 BLGL_T2	1	3	2	7.3	6.9	-0.4	0.97	0.87	0	0	0	0	0	0
7/8/2023 10:38	16302 ALPA_T2	0	0	0	0	0	0	-0.16	-0.15	0	0	0	0	0	0
7/8/2023 10:39	45602 WOOL_T1	0	0	0	0	0	0	0.85	0.85	0	0	0	0	0	0
7/8/2023 10:39	59101 WALK_T2	0	1	1	0	0	0	0.96	1.02	2	2	0	1050	1050	0
7/8/2023 10:39	60101 COCA_T1	0	0	0	0	0	0	0.89	0.96	0	0	0	0	0	0
7/8/2023 10:43	64203 KINZ_T1	1	1	0	0.5	0.9	0.4	0	0	0	0	0	0	0	0
7/8/2023 10:47	40501 CRES_T2	0	0	0	0	0	0	0.02	0.02	0	0	0	0	0	0
7/8/2023 10:47	52502 PROG_T2	0	0	0	0	0	0	-0.02	0.01	1	1	0	900	900	0
7/8/2023 10:47	56501 ROCK_T2	2	1	-1	0.95	1.2	0.25	0	0	0	0	0	0	0	0
7/8/2023 10:52	42201 SHEN_T2	0	0	0	0	0	0	0.39	0.41	1	1	0	600	600	0
7/8/2023 10:54	44802 EDAN_T2	0	0	0	0	0	0	-3.33	-3.37	1	1	0	1200	1200	0
7/8/2023 10:58	64204 KINZ_T1	0	1	1	0	0.2	0.2	0	0	0	0	0	0	0	0
7/8/2023 11:03	47403 PENS_T1	1	1	0	2.4	2.5	0.1	0	0	0	0	0	0	0	0
7/8/2023 11:06	59101 WALK_T2	1	24	23	0.1	0.27	0.17	0.96	1.1	2	2	0	1050	1050	0
7/8/2023 11:07	42701 AUGU_T1	2	1	-1	0.4	0	-0.4	0	0	2	2	0	1800	1800	0
7/8/2023 11:08	10805 CHHI_T2	18	20	2	1.76	1.54	-0.22	-1.38	-1.29	2	2	0	1800	1800	0
7/8/2023 11:12	11102 EGYP_T1	7	17	10	1.87	0.69	-1.18	0	0	0	0	0	0	0	0
7/8/2023 11:13	40902 JESH_T1	0	0	0	0	0	0	-0.33	-0.29	2	2	0	1200	1200	0
7/8/2023 11:13	44802 EDAN_T2	0	0	0	0	0	0	-3.37	-3.36	1	1	0	1200	1200	0
7/8/2023 11:18	44901 SCOT_T2	0	0	0	0	0	0	0.25	0.16	0	0	0	0	0	0
7/8/2023 11:21	52502 PROG_T2	0	0	0	0	0	0	0.1	0.11	1	1	0	900	900	0
7/8/2023 11:21	65901 SAKR_T2	0	0	0	0	0	0	-0.9	-0.93	2	2	0	1500	1500	0
7/8/2023 11:22	43301 WATS_T2	1	0	-1	0.1	0	-0.1	0	0	0	0	0	0	0	0
7/8/2023 11:28	52404 GRPA_T2	4	4	0	0.53	0	-0.53	0	0	0	0	0	0	0	0
7/8/2023 11:31	65602 QVIL_T2	1	1	0	0.4	0	-0.4	0	0	0	0	0	0	0	0
7/8/2023 11:32	42903 MIDD_T2	2	2	0	0.8	1	0.2	0	0	0	0	0	0	0	0
7/8/2023 11:45	52403 GRPA_T2	8	31	23	0.49	0.43	-0.06	-0.35	-0.31	0	0	0	0	0	0
7/8/2023 12:08	65901 SAKR_T2	0	0	0	0	0	0	-0.74	-0.8	2	2	0	1500	1500	0
7/8/2023 12:13	52402 GRPA_T2	3	20	17	0.73	0.6	-0.13	0	0	0	0	0	0	0	0
7/8/2023 13:02	60501 NMAN_T2	3	3	0	2.03	1.67	-0.36	0	0

Appendix C - Grid Benefits Achieved in Each Instance of Active Management

7/8/2023 16:58	17803 GILB_T2	54	59	5	1.65	2.06	0.41	0	0	0	1	0	0	0	0
7/8/2023 17:08	58803 COCO_T1	7	30	23	0.69	0.51	-0.18	-0.47	-0.46	1	1	0	600	600	0
7/8/2023 17:14	44502 HAMI_T2	1	1	0	0.8	1.1	0.3	-0.3	-0.29	0	0	0	0	0	0
7/8/2023 17:17	43201 MVIL_T2	49	58	9	0.58	0.68	0.1	0	0	0	0	0	0	0	0
7/8/2023 17:17	65503 MOJO_T2	3	2	-1	0.4	0	-0.4	0.16	0.12	1	1	0	900	900	0
7/8/2023 17:18	65904 SAKR_T2	1	0	-1	0.1	0	-0.1	0	0	0	0	0	0	0	0
7/8/2023 17:19	15204 SFAR_T2	0	0	0	0	0	0	1.44	1.38	0	0	0	0	0	0
7/8/2023 17:23	55105 WERT_T1	0	3	3	0	0	0	0	0	0	0	0	0	0	0
7/8/2023 17:30	53901 HALI_T2	1	1	0	0.2	0.2	0	0	0	0	0	0	0	0	0
7/8/2023 17:30	65503 MOJO_T2	0	2	2	0	0.2	0.2	0.12	0.11	1	1	0	900	900	0
7/8/2023 17:34	65902 SAKR_T2	2	6	4	1.05	0.8	-0.25	-1.02	-1.02	2	2	0	1200	1200	0
7/8/2023 17:34	15204 SFAR_T2	0	0	0	0	0	0	1.38	1.35	0	0	0	0	0	0
7/8/2023 17:36	55104 WERT_T2	1	1	0	1.8	1.6	-0.2	0	0	0	0	0	0	0	0
7/8/2023 17:40	52402 GRPA_T2	9	76	67	0.56	0.69	0.13	0	0	0	0	0	0	0	0
7/8/2023 17:50	15204 SFAR_T2	0	0	0	0	0	0	1.35	1.37	0	0	0	0	0	0
7/8/2023 18:05	15203 SFAR_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
7/8/2023 19:13	52402 GRPA_T2	36	19	-17	0.51	0.64	0.13	0	0	0	0	0	0	0	0
7/8/2023 20:04	47401 PENS_T1	14	5	-9	0.54	0.47	-0.07	0.42	0.42	0	0	0	0	0	0
7/8/2023 20:05	66505 SMAN_T2	54	5	-49	0.52	0.33	-0.19	0.18	0	4	4	0	2300	2300	0
7/8/2023 20:06	29402 BELT_T1	147	92	-55	0.98	0.87	-0.11	0	0	0	0	0	0	0	0
7/8/2023 20:06	42701 AUGU_T1	1	4	3	0.3	0.4	0.1	0	0	2	2	0	1800	1800	0
7/8/2023 20:11	56803 BENV_T1	1	1	0	0.2	1.2	1	0.24	0.21	1	1	0	600	600	0
7/8/2023 20:13	52403 GRPA_T2	3	4	1	0.67	0	-0.67	-0.26	-0.34	0	0	0	0	0	0
7/8/2023 20:14	63403 HONY_T2	0	0	0	0	0	0	-1.17	-1.17	1	1	0	600	600	0
7/8/2023 20:20	43304 WATS_T2	26	22	-4	0.67	0.39	-0.28	-0.36	-0.38	0	0	0	0	0	0
7/8/2023 20:22	28403 HART_T2	0	0	0	0	0	0	-0.41	-0.47	1	1	0	900	900	0
7/8/2023 20:22	59101 WALK_T2	5	3	-2	0.68	0.6	-0.08	0.72	0.66	3	3	0	1650	1650	0
7/8/2023 20:23	56803 BENV_T1	1	1	0	1.8	0	-1.8	0.21	0.16	1	1	0	600	600	0
7/8/2023 20:27	24105 EHAZ_T1	4	4	0	5.75	5.88	0.13	0	0	0	0	0	0	0	0
7/8/2023 20:28	64203 KINZ_T1	2	0	-2	0.1	0	-0.1	0	0	0	0	0	0	0	0
7/8/2023 20:29	66504 SMAN_T2	1	3	2	0.6	0	-0.6	0	0	0	0	0	0	0	0
7/8/2023 20:30	40101 HUNT_T2	26	17	-9	0.59	0.44	-0.15	-0.84	-0.85	0	0	0	0	0	0
7/8/2023 20:32	56504 ROCK_T2	2	2	0	0.3	0.35	0.05	-0.36	-0.4	0	0	0	0	0	0
7/8/2023 20:36	45602 WODL_T1	10	0	-10	0.28	0	-0.28	1.04	1.04	0	0	0	0	0	0
7/8/2023 20:36	46302 ROHR_T1	6	6	0	0.38	0.45	0.07	-0.21	-0.21	0	0	0	0	0	0
7/8/2023 20:36	59101 WALK_T2	3	1	-2	0.5	0	-0.5	0.66	0.37	3	3	0	1650	1650	0
7/8/2023 20:47	56501 ROCK_T2	190	21	-169	0.27	0.16	-0.11	0	0	0	0	0	0	0	0
7/8/2023 20:50	42202 SHEN_T2	0	1	1	0	0	0	0	0	0	0	0	0	0	0
7/8/2023 20:50	40502 CRES_T2	4	9	5	0.38	0.2	-0.18	0	0	0	0	0	0	0	0
7/8/2023 20:58	44801 EDAN_T2	1	1	0	0.9	1	0.1	0	0	0	0	0	0	0	0
7/8/2023 21:01	47401 PENS_T1	2	4	2	0.95	0.85	-0.1	0.35	0.31	0	0	0	0	0	0
7/8/2023 21:04	59101 WALK_T2	0	0	0	0	0	0	0.72	0.67	3	2	-1	1650	1050	-600
7/8/2023 21:10	42701 AUGU_T1	0	0	0	0	0	0	0	0	2	2	0	1800	1800	0
7/8/2023 21:10	44801 EDAN_T2	1	1	0	1.2	0.7	-0.5	0	0	0	0	0	0	0	0
7/8/2023 21:12	10805 CHHI_T2	1	7	6	9	1.97	-7.03	0	0	1	1	0	600	600	0
7/8/2023 21:12	40901 JESH_T1	1	1	0	1.8	1.5	-0.3	0	0	0	0	0	0	0	0
7/8/2023 21:17	65901 SAKR_T2	0	0	0	0	0	0	-1.27	-1.3	2	2	0	1500	1500	0
7/8/2023 21:19	52502 PROG_T2	0	1	1	0	0.8	0.8	0.21	0.14	1	1	0	900	900	0
7/8/2023 21:21	52502 PROG_T2	0	1	1	0	0.8	0.8	0.21	0.14	1	1	0	900	900	0
7/8/2023 21:30	42902 MIDD_T2	0	0	0	0	0	0	-0.97	-0.99	1	1	0	600	600	0
7/8/2023 22:28	17803 GILB_T2	1	3	2	1.4	0	-1.4	0	0	0	0	0	0	0	0
7/8/2023 22:34	15204 SFAR_T2	0	0	0	0	0	0	0.96	0.95	0	0	0	0	0	0
7/8/2023 22:36	15204 SFAR_T2	0	0	0	0	0	0	0.96	0.95	0	0	0	0	0	0
7/8/2023 22:38	65901 SAKR_T2	0	0	0	0	0	0	-0.92	-1.03	1	1	0	900	900	0
7/8/2023 22:38	12701 MACU_T1	0	0	0	0	0	0	-0.87	-0.87	1	1	0	1200	1200	0
7/8/2023 22:39	15203 SFAR_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
7/8/2023 22:40	53902 HALI_T2	0	0	0	0	0	0	-0.85	-0.87	0	0	0	0	0	0
7/8/2023 22:40	23401 HONE_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
7/8/2023 22:40	44502 HAMI_T2	1	1	0	3.1	3.2	0.1	-0.5	-0.54	0	0	0	0	0	0
7/8/2023 22:41	55102 WERT_T2	1	0	-1	0.2	0	-0.2	-0.18	-0.18	0	0	0	0	0	0
7/8/2023 22:43	14403 SSLA_T1	0	0	0	0	0	0	0.49	0.47	1	1	0	600	600	0
7/8/2023 22:43	11102 EGYP_T1	1	1	0	0.7	0	-0.7	0	0	0	0	0	0	0	0
7/8/2023 22:44	63404 HONY_T1	2	2	0	7.95	7.45	-0.5	0	0	0	0	0	0	0	0
7/8/2023 22:44	23401 HONE_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
7/8/2023 22:47	55101 WERT_T1	0	0	0	0	0	0	-1.61	-1.7	3	3	0	2400	2400	0
7/8/2023 22:49	52502 PROG_T2	0	0	0	0	0	0	-0.04	-0.03	1	1	0	900	900	0
7/9/2023 0:28	46203 DANV_T2	0	0	0	0	0	0	0.19	0.17	0	0	0	0	0	0
7/9/2023 0:28	60803 BUCK_T1	2	7	5	0.4	0.29	-0.11	-0.54	-0.54	1	1	0	600	600	0
7/9/2023 0:28	13704 SCHN_T2	0	0	0	0	0	0	0.06	0.1	0	0	0	0	0	0
7/9/2023 0:28	60101 COCA_T1	0	0	0	0	0	0	0.6	0.62	0	0	0	0	0	0
7/9/2023 0:28	64203 KINZ_T1	0	0	0	0	0	0	-0.11	-0.16	1	1	0	600	600	0
7/9/2023 0:28	52403 GRPA_T2	0	0	0	0	0	0	-0.64	-0.67	0	0	0	0	0	0
7/9/2023 0:28	52404 GRPA_T2	0	0	0	0	0	0	-0.26	-0.28	0	0	0	0	0	0
7/9/2023 0:28	44203 POIN_T2	0	0	0	0	0	0	0	-0.06	1	1	0	900	900	0
7/9/2023 0:28	42201 SHEN_T2	0	0	0	0	0	0	0.23	0.24	1	1	0	600	600	0
7/9/2023 0:28	64204 KINZ_T1	1	1	0	1	1.4	0.4	0	0	0	0	0	0	0	0
7/9/2023 0:28	52403 GRPA_T2	0	0	0	0	0	0	-0.64	-0.67	0	0	0	0	0	0
7/9/2023 0:28	42701 AUGU_T1	1	2	1	0.6	0.4	-0.2	0	0	6	6	0	5400	5400	0
7/9/2023 0:28	58402 MORO_T1	0	0	0	0	0	0	-0.4	-0.43	1	1	0	900	900	0
7/9/2023 0:28	53903 HALI_T2	2	2	0	0.3	0.5	0.2	0	0	0	0	0	0	0	0
7/9/2023 0:28	65503 MOJO_T2	0	0	0	0	0	0	-1.93	-2.04	2	2	0	1800	1800	0
7/9/2023 0:28	45802 WBER_T2	0	0	0	0	0	0	0.54	0.54	0	0	0	0	0	0
7/9/2023 0:28	44901 SCOT_T2	0	0	0	0	0	0	-0.1	-0.16	0	0	0	0	0	0
7/9/2023 0:28	58803 COCO_T1	1	2	1	1.6	1.25	-0.35	-1.6	-1.62	0	0	0	0	0	0
7/9/2023 0:28	52502 PROG_T2	0	0	0	0	0	0	-0.22	-0.21	1	1	0	900	900	0
7/9/2023 0:28	65603 CIVIL_T2	1	6	5	8.4	1.47	-6.93	0	0	0	0	0	0	0	0
7/9/2023 0:28	47401 PENS_T1	0	0	0	0	0	0	0	0.02	0	0	0	0	0	0
7/9/2023 0:28	60502 NMAN_T2	0	0	0	0	0	0	-0.07	-0.08	0	0	0	0	0	0
7/9/2023 0:28	64304 LINC_T2	1	7	6	0	0.1	0.1	0	0	0	0	0	0	0	0
7/9/2023 0:28	25402 LAHA_T2	0	0	0	0	0	0	-0.73	-0.73	0	0	0	0	0	0
7/9/2023 0:28	43202 MVIL_T2	0	0	0	0	0	0	-0.6	-0.59	0	0	0	0	0	0
7/9/2023 0:28	41901 REED_T1	3	1	-2	0.23	0.1	-0.13	-1.98	-1.99	1	1	0	900	900	0
7/9/2023 0:28	11102 EGYP_T1	0	0	0	0	0	0	0.04	0.01	0	0	0	0	0	0
7/9/2023 0:28	41301 WATS_T2	0	1	1	0	0.3	0.3	0	0	0	0	0	0	0	0
7/9/2023 0:28	47101 MARL_T1	4	0	-4	0.15	0	-0.15	-0.58	-0.53	0	0	0	0	0	0
7/9/2023 0:28	64305 LINC_T1	0	9	9	0	0.11	0.11	-0.52	-0.54	0	0	0	0	0	0
7/9/2023 0:28	55101 WERT_T1	0	0	0	0	0	0	-5.64	-5.67	9	9	0	7200	7200	0
7/9/2023 0:28	67503 WEWI_T2	1	1	0	3.6	3.3	-0.3	-1	-1.11	0	0	0	0	0	0
7/9/2023 0:28	17805 GILB_T2	0	0	0	0	0	0	0.4	0.44	0	0	0	0	0	0
7/9/2023 0:28	64101 REFR_T1	0	0	0	0	0	0	0.56	0.51	0	0	0	0	0	0
7/9/2023 0:28	27101 GFLD_T2	1	1	0	0	0	0	0.46	0.46	0	0	0	0	0	0
7/9/2023 0:28	65902 SAKR_T2	0	0	0	0	0	0	-0.2	-0.13	0	0	0	0	0	0
7/9/2023 0:28	10602 BLGL_T2	1	1	0	9.9	10	0.1	0.34	0.37	0	0	0	0	0	0
7/9/2023 0:28	57303 MOAL_T2	1	1	0	7.6	7.4	-0.2	0	0	0	0	0	0	0	0
7/9/2023 0:28	29401 BELT_T1	0	0	0	0	0	0	0	0	1	1	0	900	900	0
7/9/2023 0:28	28805 LAKE_T1	0	0	0	0	0	0	0.21	0.04	0	0	0	0	0	0
7/9/2023 0:28	15204 SFAR_T2	0	0	0	0	0	0	0.78	0.73	0	0	0	0	0	0
7/9/2023 0:28	66703 STRA_T1	0	0	0	0	0	0	0.04	0.08	0	0	0	0	0	0
7/9/2023 0:28	62607 ENGL_T1	0	0	0	0	0	0	0.01	0.01	2	2	0	1500	1500	0
7/9/2023 0:51	55101 WERT_T1	0	0	0	0	0	0	-1.89	-2.05	3	3	0	2400	2400	0
7/9/2023 0:52	23401 HONE_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
7/9/2023 8:07	15203 SFAR_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
7/9/2023 8:12	44505 HAMI_T2	0	3	3	0	0	0	0	0	0	0	0	0	0	0
7/9/2023 8:21	15204 SFAR_T2	0	0	0	0	0	0	0.68	0.72	0	0	0	0	0	0
7/9/2023 8:34	15204 SFAR_T2	0	0	0	0	0	0	0.72	0.75	0	0	0	0	0	0
7/9/2023 8:48	15204 SFAR_T2	0	0	0	0	0	0	0.72	0.75	0	0	0	0	0	0
7/9/2023 9:04	15203 SFAR_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
7/9/2023 9:07	59101 WALK_T2	0	0	0	0	0	0	0.9	0.97	1	1	0	450	450	0
7/9/2023 9:21	29402 BELT_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
7/9/2023 9:25	11102 EGYP_T1	3	3	0	0.77	0.83	0.06	0	0	0	0	0	0	0	0
7/9/2023 9:30	65503 MOJO_T2	0	0	0	0	0	0	-0.29	-0.18	1	1	0	900	900	0
7/9/2023 9:38	59101 WALK_T2	0	0	0	0	0	0	0.67	0.63	1	1	0	450	450	0
7/9/2023 9:49	41902 REED_T1	0	5	5	0	0.2	0.2	0	0	0	0	0	0	0	0
7/9/2023 9:55	20403 ASHF_T2	0	0	0	0	0	0	0.49	0.57	0	0	0	0	0	0
7/9/2023 10:00	52404 GRPA_T2	2	0	-2	0.35	0	-0.35	0	0	0	0	0	0	0	0
7/9/2023 10:00	44801 EDAN_T2	2	1	-1	0.55	0.4	-0.15	0	0	0	0	0	0	0	0
7/9/2023 10:00	66504 SMAN_T2	0	1	1	0	0	0	0	0	0	0	0	0	0	0
7/9/2023 10:00	67604 WARW_T1	0	0	0	0	0	0	0.24	0.23	0	0	0	0	0	0
7/9/2023 10:00	64801 MONE_T2	0	0	0	0	0	0	0.66	0.12	0	0	0	0	0	0
7/9/2023 10:00	12606 MACA_T1	9	10	1	0.47	0.3	-0.17	0	0	0	0	0	0	0	0
7/9/2023 10:00	15604 NSTR_T1	0	0	0	0	0	0	0.36	0.35	0	0	0	0	0	0
7/9/2023 10:00	20402 ASHF_T2	0	6	6	0	0	0	0	0	0	0	0	0	0	0
7/9/2023 10:00	43202 MVIL_T2	0	0	0	0	0	0	-0.61	-0.6	0	0	0	0	0	0
7/9/2023 10:00	56601 HAMP_T1	1	1	0	0.2	0.2	0	0.34	0.34	0	0	0	0	0	0
7/9/2023 10:00	56803 BENV_T1	1	2	1	0.4	1.1	0.7	0.06	0.07	1	1	0	600	600	0
7/9/2023 10:00	52503 PROG_T2	0	0	0	0	0	0	-0.33	-0.34	1	1	0	900	900	0
7/9/2023 10:01	63401 HONY_T1	0	0	0	0	0	0	0.03	0.05	1	1	0	600	600	0
7/9/2023 10:06	42701 AUGU_T1	1	1	0	0.6	0.6	0	0	0	2	2	0	1800	1800	0
7/9/2023 10:10	45601 WODL_T1	1	0	-1	0.7	0	-0.7	0	0	0	0	0	0	0	0
7/9/2023 10:14	46506 LOHA_T1	1	1	0	0.1	0.1	0	-0.29	-0.28	0	0	0	0	0	0
7/9/2023 10:17	46302 ROHR_T1	1	1	0	1	1	0	-0.36	-0.34	0	0	0	0	0	0
7/9/2023 10:17	52502 PROG_T2	0	0	0	0	0	0	-0.16	-0.16	1	1	0	900	900	0
7/9/2023 10:21	29402 BELT_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
7/9/2023 10:22	59101 WALK_T2	0	0	0	0	0	0	0.9	0.96	1	1	0	450	450	0
7/9/2023 10:23	10801 CHHI_T1	0	0	0	0	0	0	-0.86	-0.84	2	2	0	1500	1500	0
7/9/2023 10:24	28403 HART_T2	0	0	0	0	0	0	-0.41	-0.39	1	1	0	900	900	0
7/9/2023 10:25	28604 BLYT_T2	0	0	0	0	0	0	-1.05	-1.04	0	0	0	0	0	0
7/9/2023 10:27	11102 EGYP_T1	4	3	-1	1.4	1.03	-0.37	0	0	0	0	0	0	0	0
7/9/2023 10:27	17803 GILB_T2	0	1	1	0	0.2	0.2	0	0	0	0	0	0	0	0
7/9/2023 10:28	62604 ENGL_T1	0	0	0	0	0	0	-0.99	-0.97	1	1	0	600	600	0
7/9/2023 10:31	42002 MNVL_T2	1	1	0	2.2	2.3	0.1	0	0	0	0	0	0	0	0
7/9/2023 10:32	56504 ROCK_T2	0	0	0	0	0	0	0.26	0.25	0	0	0	0	0	0
7/9/2023 10:35	66505 SMAN_T2	0	0	0	0	0	0	0.08	0.31	4	4	0	2300	2300	0
7/9/2023 10:35	16302 ALPA_T2	0	0	0	0	0	0	-0.38	-0.39	0	0	0	0	0	0
7/9/2023 10:37	67502 WEWI_T2	0	0	0	0	0	0	-0.97	-0.97	1	1	0	900	900	0
7/9/2023 10:39	56801 BENV_T1	2	3	1	1.3	0.6	-0.7	0.11	0.1	1	1	0	600	600	0
7/9/2023 10:43	64201 KINZ_T1	0	0	0	0	0	0	-0.41	-0.47	3	3	0	1500	1500	0
7/9/2023 10:45	63403 HONY_T2	0	0	0	0	0	0	-0.81	-0.82	1	1	0	600	600	0
7/9/2023 10:45	12701 MACU_T1	0	0	0	0	0	0	-0.87	-0.85	1	1	0	1200	1200	0
7/9/2023 10:47	65604 QVIL_T2	0	0	0	0	0	0	0.43	0.43	0	0	0	0	0	0
7/9/2023 10:47	56504 ROCK_T2	0	0	0	0	0	0	0.25	0.27	0	0	0	0	0	0
7/9/2023 10:49	52502 PROG_T2	0	0	0	0	0	0	-0.11	-0.11	1	1	0	900	900	0
7/9/2023 10:52	28403 HART_T2	0	0	0	0	0	0	-0.4	-0.38	1	1	0	900	900	0
7/9/2023 10:52	59101 WALK_T2	0	0	0	0	0	0	1.15	1.2	1	1	0	450	450	0
7/9/2023 10:52	44901 SCOT_T2	0	0	0	0	0	0	-0.4	-0.43	0	0	0	0	0	0
7/9/2023 10:54	67503 WEWI_T2	0	0	0	0	0	0	-0.27	-0.24	0	0	0	0	0	0
7/9/2023 10:55	46001 BERW_T1	0	0	0	0	0	0	0.92	0.92	0	0	0	0	0	0
7/9/2023 10:56	29401 BELT_T1	0	0	0	0	0	0	0	0	1	1	0	900	900	0
7/9/2023 10:57	60101 COCA_T1	0	0	0	0	0	0	0.75	0.78	0	0	0	0	0	0
7/9/2023 10:58	58803 COCO_T1	2	1	-1	0.9	1.7	0.8	-0.67	-0.56	0	0	0	0	0	0
7/9/2023 10:59	64204 KINZ_T1	0	0	-1	0.1	0	-0.1	0	0	0	0	0	0	0	0
7/9/2023 11:01	40902 JESH_T1	0	0	0	0	0	0	-0.44	-0.47	2	2	0	1200	1200	0
7/9/2023 11:04	64801 MONE_T2	0	0	0	0	0	0	-0.13	-0.11	0	0	0	0	0	0
7/9/2023 11:05	60501 NMAN_T2	3	3	0	3.03	3.3	0.27	0	0	0	0	0	0	0	0
7/9/2023 11:07	45402 WBLO_T2	1	1	0	0.6	0.2	-0.4	-0.44	-0.45	0	0	0	0	0	0
7/9/2023 11:10	61802 EEU_T2	7	8	1	0.21	0.41	0.2	0	0	0	0	0	0	0	0
7/9/2023 11:10	42701 AUGU_T1	1	3	2	0.5	0.6	0.1	0	0	2	2	0	1800	1800	0
7/9/2023 11:12	10805 CHHI_T2	2	1	-1	4.5	8.9	4.4	-1.08	-1.12	1	1	0	600	600	0
7/9/2023 11:13	64204 KINZ_T1	0	1	1	0	0.4	0.4	0	0	0	0	0	0	0	0
7/9/2023 11:13	52404 GRPA_T2	1	0

Appendix C - Grid Benefits Achieved in Each Instance of Active Management

7/9/2023 17:28	42701 AUGU_T1	1	1	0	0.5	0.5	0	0	0	1	1	0	1200	1200	0
7/9/2023 17:31	58402 MORO_T1	0	0	0	0	0	0	-0.4	-0.37	1	1	0	900	900	0
7/9/2023 17:45	58402 MORO_T1	0	0	0	0	0	0	-0.37	-0.38	1	1	0	900	900	0
7/9/2023 17:47	42701 AUGU_T1	21	1	-20	3.03	0.7	-2.33	0	0	1	1	0	1200	1200	0
7/9/2023 18:01	42701 AUGU_T1	1	1	0	0.5	0.7	0.2	0	0	1	1	0	1200	1200	0
7/9/2023 20:05	45602 WOOL_T1	0	0	0	0	0	0	0.82	0.79	0	0	0	0	0	0
7/9/2023 20:08	42701 AUGU_T1	1	1	0	0.8	1	0.2	0	0	2	2	0	1800	1800	0
7/9/2023 20:17	46504 LOHA_T1	2	2	0	0.4	0.3	-0.1	0	0	0	0	0	0	0	0
7/9/2023 20:19	52402 GRPA_T2	0	1	1	0	0.1	0.1	0	0	0	0	0	0	0	0
7/9/2023 20:20	52502 PROG_T2	0	0	0	0	0	0	-0.28	-0.29	1	1	0	900	900	0
7/9/2023 20:21	46302 ROHR_T1	5	5	0	1.98	1.62	-0.36	-0.37	-0.37	0	0	0	0	0	0
7/9/2023 20:23	28403 HART_T2	0	0	0	0	0	0	-0.45	-0.45	1	1	0	900	900	0
7/9/2023 20:26	10801 CHNI_T1	0	0	0	0	0	0	-0.08	-0.08	1	1	0	600	600	0
7/9/2023 20:26	62604 ENGL_T1	0	0	0	0	0	0	-0.64	-0.64	1	0	-1	600	0	-600
7/9/2023 20:30	42001 MNVL_T2	0	0	0	0	0	0	0.41	0.38	0	0	0	0	0	0
7/9/2023 20:32	28601 BLYT_T2	1	1	0	2.4	2.1	-0.3	0	0	0	0	0	0	0	0
7/9/2023 20:33	11104 EGYP_T1	0	2	2	0	0.2	0.2	0.45	0.43	0	0	0	0	0	0
7/9/2023 20:36	56501 ROCK_T2	2	3	1	0.15	0.1	-0.05	0	0	0	0	0	0	0	0
7/9/2023 20:37	56801 BENV_T1	5	6	1	0.26	0.23	-0.03	0	0	0	0	0	0	0	0
7/9/2023 20:38	16302 ALPA_T2	0	0	0	0	0	0	-0.65	-0.66	0	0	0	0	0	0
7/9/2023 20:40	67502 WEWI_T2	0	0	0	0	0	0	-1.28	-1.35	1	1	0	900	900	0
7/9/2023 20:44	63402 HONY_T2	1	1	0	0.2	0.1	-0.1	0	0	0	0	0	0	0	0
7/9/2023 20:46	12701 MACU_T1	0	0	0	0	0	0	-0.98	-0.98	1	1	0	1200	1200	0
7/9/2023 20:50	44901 SCOT_T2	0	0	0	0	0	0	-0.3	-0.23	0	0	0	0	0	0
7/9/2023 20:51	65604 QVIL_T2	1	6	5	0.1	0.2	0.1	0.22	0.21	0	0	0	0	0	0
7/9/2023 20:51	52502 PROG_T2	0	0	0	0	0	0	-0.33	-0.31	1	1	0	900	900	0
7/9/2023 20:52	67503 WEWI_T2	0	0	0	0	0	0	0.17	0.15	0	0	0	0	0	0
7/9/2023 20:54	29401 BELT_T1	2	0	-2	0.1	0	-0.1	0	0	1	1	0	900	900	0
7/9/2023 20:58	64204 KINZ_T1	1	1	0	0.7	0.6	-0.1	0	0	0	0	0	0	0	0
7/9/2023 21:02	64801 MONE_T2	0	0	0	0	0	0	0.54	0.53	0	0	0	0	0	0
7/9/2023 21:03	60501 NMAN_T2	3	3	0	4	4.3	0.3	0	0	0	0	0	0	0	0
7/9/2023 21:06	45402 WILO_T2	2	4	2	0.95	0.6	-0.35	-1.43	-1.47	1	1	0	900	900	0
7/9/2023 21:10	10805 CHNI_T2	1	1	0	7.9	7.7	-0.2	-1.3	-1.26	1	1	0	600	600	0
7/9/2023 21:20	40502 CRES_T2	34	27	-7	0.4	0.47	0.07	0	0	0	0	0	0	0	0
7/9/2023 21:29	52404 GRPA_T2	1	1	0	0.1	0.1	0	0	0	0	0	0	0	0	0
7/9/2023 21:39	63401 HONY_T1	0	0	0	0	0	0	-0.18	-0.17	1	1	0	600	600	0
7/9/2023 22:39	64301 LINC_T1	0	0	0	0	0	0	-0.27	-0.29	1	1	0	600	600	0
7/9/2023 22:40	64101 REFR_T1	0	0	0	0	0	0	0.14	0.12	0	0	0	0	0	0
7/9/2023 22:40	62605 ENGL_T1	0	0	0	0	0	0	0.01	0.01	0	0	0	0	0	0
7/9/2023 22:40	56802 BENV_T2	1	1	0	0.3	0.9	0.6	-1.12	-1.19	0	0	0	0	0	0
7/10/2023 0:28	40902 JESH_T1	0	0	0	0	0	0	-0.15	-0.18	1	1	0	600	600	0
7/10/2023 0:28	66505 SMAN_T2	0	0	0	0	0	0	0.54	0.48	2	2	0	1800	1800	0
7/10/2023 0:28	59101 WALK_T2	0	0	0	0	0	0	3.58	2.7	0	0	0	0	0	0
7/10/2023 0:28	11102 EGYP_T1	0	0	0	0	0	0	-0.34	-0.34	0	0	0	0	0	0
7/10/2023 0:28	64203 KINZ_T1	0	0	0	0	0	0	0.35	0.33	0	0	0	0	0	0
7/10/2023 0:28	56504 ROCK_T2	0	0	0	0	0	0	-0.05	-0.06	0	0	0	0	0	0
7/10/2023 0:28	52401 GRPA_T2	0	1	1	0	0.3	0.3	0	0	0	0	0	0	0	0
7/10/2023 0:28	59402 RFLD_T2	0	0	0	0	0	0	-0.75	-0.79	1	1	0	450	450	0
7/10/2023 0:28	60502 NMAN_T2	0	1	1	0	0.1	0.1	-0.46	-0.48	0	0	0	0	0	0
7/10/2023 0:28	44301 BEAV_T2	0	0	0	0	0	0	0.06	-0.09	1	1	0	600	600	0
7/10/2023 0:28	64202 KINZ_T1	3	3	0	0.93	1.07	0.14	0	0	0	0	0	0	0	0
7/10/2023 0:28	54001 SDLE_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
7/10/2023 0:28	42201 SHEN_T2	0	0	0	0	0	0	0.79	0.77	0	0	0	0	0	0
7/10/2023 0:28	56801 BENV_T1	18	23	5	0.59	0.77	0.18	0	0	0	0	0	0	0	0
7/10/2023 0:28	26402 INOR_T1	0	1	1	0	0.1	0.1	-0.37	-0.37	0	0	0	0	0	0
7/10/2023 0:28	66703 STRA_T1	1	4	3	0.1	0.18	0.08	-0.5	-0.46	0	0	0	0	0	0
7/10/2023 0:28	58803 COCO_T1	2	2	0	2.65	3.1	0.45	-1.23	-1.24	0	0	0	0	0	0
7/10/2023 0:28	66504 SMAN_T2	0	0	0	0	0	0	-0.6	-0.76	0	0	0	0	0	0
7/10/2023 0:28	60101 COCA_T1	0	0	0	0	0	0	0.3	0.32	0	0	0	0	0	0
7/10/2023 0:28	13704 SCHN_T2	0	0	0	0	0	0	-0.31	-0.32	0	0	0	0	0	0
7/10/2023 0:28	61202 REIN_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
7/10/2023 0:28	52502 PROG_T2	0	0	0	0	0	0	0.4	0.38	0	0	0	0	0	0
7/10/2023 0:28	60801 BUCK_T1	181	191	10	0.72	1.27	0.55	0	0	0	0	0	0	0	0
7/10/2023 0:28	61801 EEU_T2	0	0	0	0	0	0	-0.17	-0.16	0	0	0	0	0	0
7/10/2023 0:28	42701 AUGU_T1	1	1	0	1	1.3	0.3	0	0	8	8	0	7200	7200	0
7/10/2023 0:28	52402 GRPA_T2	1	1	0	0.3	0.6	0.3	0	0	0	0	0	0	0	0
7/10/2023 0:28	62605 ENGL_T1	0	0	0	0	0	0	0.01	0.01	0	0	0	0	0	0
7/10/2023 0:28	62607 ENGL_T1	0	0	0	0	0	0	0.02	0.02	2	2	0	600	600	0
7/10/2023 0:28	16301 ALPA_T1	0	0	0	0	0	0	-0.3	-0.34	0	0	0	0	0	0
7/10/2023 0:28	28403 HART_T2	0	0	0	0	0	0	-0.58	-0.59	1	1	0	900	900	0
7/10/2023 0:28	17805 GILB_T2	0	0	0	0	0	0	-0.16	-0.18	0	0	0	0	0	0
7/10/2023 0:28	14403 SSLA_T1	0	0	0	0	0	0	0.68	0.66	0	0	0	0	0	0
7/10/2023 0:28	57304 MOAI_T2	0	0	0	0	0	0	-0.45	-0.46	0	0	0	0	0	0
7/10/2023 0:28	46001 BERW_T1	0	0	0	0	0	0	0.67	0.65	0	0	0	0	0	0
7/10/2023 0:28	17501 FACT_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
7/10/2023 0:28	15001 BLMO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
7/10/2023 0:28	58402 MORO_T1	0	0	0	0	0	0	-1.3	-1.26	2	2	0	1800	1800	0
7/10/2023 0:28	14801 TREI_T2	0	0	0	0	0	0	0.42	0.33	0	0	0	0	0	0
7/10/2023 0:28	27101 GFLD_T2	1	1	0	0	0	0	0.3	0.3	0	0	0	0	0	0
7/10/2023 0:28	64101 REFR_T1	0	0	0	0	0	0	0.23	0.23	0	0	0	0	0	0
7/10/2023 8:04	15204 SFAR_T2	0	0	0	0	0	0	0.43	0.44	0	0	0	0	0	0
7/10/2023 8:19	15204 SFAR_T2	0	0	0	0	0	0	0.44	0.47	0	0	0	0	0	0
7/10/2023 8:25	56801 BENV_T1	22	23	1	0.68	0.6	-0.08	-0.67	-0.65	1	1	0	600	600	0
7/10/2023 8:29	46506 LOHA_T1	0	0	0	0	0	0	-0.27	-0.25	0	0	0	0	0	0
7/10/2023 8:34	15204 SFAR_T2	0	0	0	0	0	0	0.47	0.48	0	0	0	0	0	0
7/10/2023 8:34	58402 MORO_T1	0	0	0	0	0	0	-0.89	-0.73	2	2	0	1500	1500	0
7/10/2023 8:48	58402 MORO_T1	0	0	0	0	0	0	-0.89	-0.73	2	2	0	1500	1500	0
7/10/2023 8:52	15203 SFAR_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
7/10/2023 8:59	46506 LOHA_T1	0	0	0	0	0	0	-0.22	-0.19	0	0	0	0	0	0
7/10/2023 9:48	41901 REED_T1	0	0	0	0	0	0	-1.06	-1.08	1	1	0	900	900	0
7/10/2023 9:52	56802 BENV_T2	1	0	-1	0.48	-0.52	-1.06	-1.03	-1.03	0	0	0	0	0	0
7/10/2023 9:53	20403 ASHF_T2	0	0	0	0	0	0	1.36	1.56	0	0	0	0	0	0
7/10/2023 9:55	53502 EVIL_T2	0	1	1	0	0	0	0	0	0	0	0	0	0	0
7/10/2023 9:55	24101 EHAZ_T1	0	1	1	0	0	0	0.78	0.81	2	2	0	1200	1200	0
7/10/2023 10:00	20403 ASHF_T2	0	1	1	0	0.4	0.4	0	0	0	0	0	0	0	0
7/10/2023 10:00	52503 PROG_T2	0	0	0	0	0	0	-0.47	-0.42	1	1	0	900	900	0
7/10/2023 10:00	44901 SCOT_T2	0	0	0	0	0	0	0.52	0.5	0	0	0	0	0	0
7/10/2023 10:00	15604 NSTR_T1	0	0	0	0	0	0	0.26	0.28	0	0	0	0	0	0
7/10/2023 10:00	12605 MACA_T1	1	1	0	0.6	0.4	-0.2	0	0	0	0	0	0	0	0
7/10/2023 10:00	56601 HAMP_T1	562	196	-366	0.4	0.27	-0.13	0.3	0.22	0	0	0	0	0	0
7/10/2023 10:00	67604 WARW_T1	0	0	0	0	0	0	0.21	0.3	0	0	0	0	0	0
7/10/2023 10:00	64801 MONE_T2	0	0	0	0	0	0	0.46	0.5	0	0	0	0	0	0
7/10/2023 10:01	52502 PROG_T2	0	0	0	0	0	0	-0.5	-0.44	1	1	0	900	900	0
7/10/2023 10:05	15203 SFAR_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
7/10/2023 10:08	56802 BENV_T2	2	4	2	0.65	0.48	-0.17	-1.03	-0.34	0	0	0	0	0	0
7/10/2023 10:08	58803 COCO_T1	2	2	0	1.45	1.35	-0.1	0.19	0.23	0	0	0	0	0	0
7/10/2023 10:09	59101 WALK_T2	0	0	0	0	0	0	1.97	1.91	0	1	1	0	600	600
7/10/2023 10:09	53601 DALM_T2	1	1	0	0.4	0.1	-0.3	-0.24	-0.28	1	1	0	900	900	0
7/10/2023 10:12	52403 GRPA_T2	0	1	1	0	0.3	0.3	0	0	0	0	0	0	0	0
7/10/2023 10:12	28403 HART_T2	0	0	0	0	0	0	-0.52	-0.52	1	1	0	900	900	0
7/10/2023 10:14	12701 MACU_T1	1	0	-1	2.2	0	-2.2	0.19	0.19	0	0	0	0	0	0
7/10/2023 10:14	57303 MOAI_T2	1	1	0	7.2	7.4	0.2	0	0	0	0	0	0	0	0
7/10/2023 10:15	64202 KINZ_T1	1	1	0	0.5	0.8	0.3	0	0	0	0	0	0	0	0
7/10/2023 10:21	66505 SMAN_T2	0	0	0	0	0	0	0.62	0.81	3	3	0	1700	1700	0
7/10/2023 10:22	67502 WEWI_T2	0	0	0	0	0	0	-0.8	-0.85	1	1	0	900	900	0
7/10/2023 10:26	17804 GILB_T2	0	1	1	0	0.3	0.3	0	0	0	0	0	0	0	0
7/10/2023 10:26	15001 BLMO_T1	0	1	1	0	0.1	0.1	0	0	0	0	0	0	0	0
7/10/2023 10:27	61801 EEU_T2	0	0	0	0	0	0	-0.43	-0.35	1	1	0	600	600	0
7/10/2023 10:27	28604 BLYT_T2	0	0	0	0	0	0	-1.12	-1.12	0	0	0	0	0	0
7/10/2023 10:28	40901 JESH_T1	1	1	0	1.7	1.5	-0.2	0	0	0	0	0	0	0	0
7/10/2023 10:30	64204 KINZ_T1	1	1	0	0.3	1.2	0.9	0	0	0	0	0	0	0	0
7/10/2023 10:33	40503 CRES_T2	5	11	6	0.24	0.25	0.01	0	0.01	0	0	0	0	0	0
7/10/2023 10:36	52502 PROG_T2	0	2	2	0	0.2	0.2	-0.4	-0.36	1	1	0	900	900	0
7/10/2023 10:36	42201 SHEN_T2	0	1	1	0	0.3	0.3	0.35	0.33	1	1	0	600	600	0
7/10/2023 10:36	59101 WALK_T2	0	1	1	0	0	0	1.79	2.04	1	1	0	600	600	0
7/10/2023 10:37	45602 WOOL_T1	0	0	0	0	0	0	0.86	0.86	0	0	0	0	0	0
7/10/2023 10:38	16302 ALPA_T2	0	0	0	0	0	0	-0.21	-0.15	0	0	0	0	0	0
7/10/2023 10:39	60101 COCA_T1	0	0	0	0	0	0	0.59	0.59	0	0	0	0	0	0
7/10/2023 10:40	48902 FOSP_T2	0	0	0	0	0	0	0.42	0.35	0	0	0	0	0	0
7/10/2023 10:40	53501 EVIL_T2	1	0	-1	0.4	0	-0.4	-1.14	-1.06	4	4	0	2700	2700	0
7/10/2023 10:42	23203 HIRU_T2	13	6	-7	0.16	0.17	0.01	0.18	0.18	0	0	0	0	0	0
7/10/2023 10:46	52402 GRPA_T2	1	0	-1	0.7	0	-0.7	0	0	0	0	0	0	0	0
7/10/2023 10:46	65604 QVIL_T2	0	0	0	0	0	0	0.33	0.32	0	0	0	0	0	0
7/10/2023 10:49	13704 SCHN_T2	1	0	-1	0.1	0	-0.1	0.27	0.28	0	0	0	0	0	0
7/10/2023 10:50	64101 REFR_T1	0	0	0	0	0	0	0.2	0.23	0	0	0	0	0	0
7/10/2023 10:51	56504 ROCK_T2	0	0	0	0	0	0	0.16	0.15	0	0	0	0	0	0
7/10/2023 10:52	46001 BERW_T1	0	0	0	0	0	0	0.31	1.36	0	0	0	0	0	0
7/10/2023 10:52	66703 STRA_T1	0	0	0	0	0	0	0.34	0.3	0	0	0	0	0	0
7/10/2023 10:52	43304 WATS_T2	0	1	1	0	0	0	-0.61	-0.63	1	1	0	600	600	0
7/10/2023 10:53	25801 SUTR_T2	0	0	0	0	0	0	-1.14	-1.1	0	0	0	0	0	0
7/10/2023 10:54	11102 EGYP_T1	1	1	0	0.4	0.3	-0.1	0.01	0.06	0	0	0	0	0	0
7/10/2023 10:58	28403 HART_T2	0	0	0	0	0	0	-0.49	-0.48	1	1	0	900	900	0
7/10/2023 11:02	63403 HONY_T2	0	0	0	0	0	0	-0.35	-0.33	1	1	0	600	600	0
7/10/2023 11:03	60502 NMAN_T2	0	0	0	0	0	0	0.36	0.44	0	0	0	0	0	0
7/10/2023 11:08	67503 WEWI_T2	0	0	0	0	0	0	0.09	0.14	0	0	0	0	0	0
7/10/2023 11:08	59102 WALK_T2	0	1	1	0	0.1	0.1	0	0	0	0	0	0	0	0
7/10/2023 11:09	44801 EDAN_T2	1	1	0	0.6	0.6	0	0	0	0	0	0	0	0	0
7/10/2023 11:10	55101 WERT_T1	0	0	0	0	0	0	-1.73	-1.68	4	4	0	3300	3300	0
7/10/2023 11:10	10805 CHNI_T2	3	1	-2	3.33	8.3	4.97	-1.34	-1.2	2	2	0	1800	1800	0
7/10/2023 11:10	53601 DALM_T2	1	1	0	0.1	0.7	0.6	-0.41	-0.41	1	1	0	900	900	0
7/10/2023 11:14	53501 EVIL_T2	0	1	1	0	0.5	0.5	-1.15	-1.17	4	4	0	2700	2700	0
7/10/2023 11:14	48901 FOSP_T2	0	0	0	0	0	0	-0.02	-0.05	1	1	0	600	600	0
7/10/2023 11:17	56501 ROCK_T2	1	3	2	1.4	0.55	-0.85	0	0	0	0	0	0	0	0
7/10/2023 11:20	54001 SDLE_T1	3	2	-1	0.47	0.7	0.23	0	0	1	0	-1	600	0	-600
7/10/2023 11:24	56801 BENV_T1	3	3	0	0.2	0.27	0.07	0	0	0	0	0	0	0	0
7/10/2023 11:27	48902 FOSP_T2	0	0	0	0	0	0	0.39	0.38	0	0	0	0	0	0
7/10/2023 11:28	52403 GRPA_T2	0	3	3	0	0.7	0.7	-0.21	-0.22	0	0	0	0	0	0
7/10/2023 11:39	49803 UNIV_T1	1	1	0	1.8	0.5	-1.3	0	0	0	0	0	0	0	0
7/10/2023 11:39	44802 EDAN_T2	0	0	0	0	0	0	-1.74	-1.7	1	1	0	1200	1200	0
7/10/2023 11:44	44502 HAMI_T2	1	1	0	1.5	1.7	0.2	-0.49	-0.46	0	0	0	0	0	0
7/10/2023 11:54	11102 EGYP_T1	1	1	0	0.7	1.1	0.4	0	0	0	0	0	0	0	0
7/10/2023 11:58	40902 JESH_T1	0	0	0	0	0	0	-0.48	-0.64	3	3	0	1800	1800	0
7/10/2023 12:00	44502 HAMI_T2	1	1	0	1.7	1.8	0.1	-0.46	-0.42	0	0	0	0	0	0
7/10/2023 12:04	48302 ORWI_T2	2	2	0	0.65	0.65	0	0.19	0.19	0	0	0	0	0	0
7/10/2023 12:08	29402 BELT_T1	0	2	2	0	0.15	0.15	0	0	0	0	0	0	0	0
7/10/2023 12:15	52403 GRPA_T2	14	6	-8	0.89	0.4	-0.49	-0.16	-0.17	0	0	0	0	0	0
7/10/2023 12:16	52404 GRPA_T2	0	2	2	0	0	0	0	0	0	0	0	0	0	0
7/10/2023 12:53	62607 ENGL_T1	1	1	0	1.1	1.8	0.7	0	0	0	0	0	0	0	0
7/10/2023 13:02	61202 REIN_T1	0	0	0	0	0	0	0	0	1	1	0	900	900	0
7/10/2023 13:19	66505 SMAN_T2	1	1	0	1.4	0.4	-1	0.52	0.32	4	4	0	2300	2300	0
7/10/2023 14:05	59101 WALK_T2	1	4	3	1.4	2	0.6	1.17	1.16	2	2	0	1050	1050	0
7/10/2023 14:15	25402 LAHA_T2	0	0	0	0	0	0	-0.26	-0.5	0	0	0	0	0	0
7/10/2023 14:20	59101 WALK_T2	2	15	13	1.05	0.8	-0.25	1.16	1.41	2	2	0	1050	1050	0
7/10/2023 14:20	59202 THOM_T1	0	3	3	0	0.4	0.4	0	0	0	0	0	0	0	0
7/10/2023 14:22	63401 HONY_T1	0	0	0	0	0	0	0.55	0.65	1	1	0	600	600	0
7/10/2023 14:22	63403 HONY_T2	0	1	1	0	0	0	-0.64	-0.61	1	1	0	600	600	0
7/10/2023 14:23	55101 WERT_T1	0	0	0	0	0	0	-1.76	-1.83	4	4	0	3300	3300	0
7/10/2023 14:28	52401 GRPA_T2	0	5	5	0	0.33	0.33	0	0	0	0	0	0	0	0
7/10/2023 14:30	48901 FOSP_T2	0	0	0	0	0	0	-0.03	-0.09	1	1	0	600	600

7/10/2023 20:27	61801 EELI_T2	0	0	0	0	0	0	-0.52	-0.54	1	1	0	600	600	0
7/10/2023 20:27	28604 BLYT_T2	0	0	0	0	0	0	-0.94	-0.95	0	0	0	0	0	0
7/10/2023 20:27	40902 JESH_T1	0	0	0	0	0	0	0.16	0.13	1	1	0	600	600	0
7/10/2023 20:35	52502 PROG_T2	0	0	0	0	0	0	0.12	0.07	1	1	0	900	900	0
7/10/2023 20:35	45602 WOOL_T1	0	0	0	0	0	0	0.99	0.94	0	0	0	0	0	0
7/10/2023 20:36	16302 ALPA_T2	0	0	0	0	0	0	1	1.02	0	0	0	0	0	0
7/10/2023 20:36	59101 WALK_T2	0	0	0	0	0	0	0.82	0.64	2	2	0	1050	1050	0
7/10/2023 20:40	60101 COCA_T1	0	0	0	0	0	0	0.93	0.89	0	0	0	0	0	0
7/10/2023 20:43	48902 FOSP_T2	0	0	0	0	0	0	0.14	0.14	0	0	0	0	0	0
7/10/2023 20:44	53501 EVIL_T2	0	0	0	0	0	0	-1.47	-1.46	3	3	0	1800	1800	0
7/10/2023 20:48	64101 REFR_T1	0	0	0	0	0	0	0.46	0.44	0	0	0	0	0	0
7/10/2023 20:48	65603 QVIL_T2	1	1	0	8.7	8.6	-0.1	0	0	0	0	0	0	0	0
7/10/2023 20:51	56504 ROCK_T2	0	0	0	0	0	0	-0.73	-0.75	0	0	0	0	0	0
7/10/2023 20:52	46001 BERW_T1	0	0	1	0	0	0	1.36	1.32	0	0	0	0	0	0
7/10/2023 20:53	43302 WATS_T2	4	0	0	0.83	0.9	0.07	0	0	0	0	0	0	0	0
7/10/2023 21:06	67503 WEWI_T2	0	0	0	0	0	0	0.47	0.43	0	0	0	0	0	0
7/10/2023 21:10	53601 DALM_T2	1	1	0	0.6	0.2	-0.4	-0.36	-0.33	1	1	0	600	600	0
7/10/2023 21:11	10805 CHHI_T2	1	8	7	8.9	2.38	-6.52	-0.52	-0.53	1	1	0	600	600	0
7/10/2023 21:13	44802 EDAN_T2	0	0	0	0	0	0	-1.78	-1.71	1	1	0	1200	1200	0
7/10/2023 21:54	11104 EGYP_T1	0	0	0	0	0	0	0.7	0.7	0	0	0	0	0	0
7/10/2023 21:56	44502 HAMI_T2	1	1	0	3.2	3.3	0.1	-0.57	-0.62	0	0	0	0	0	0
7/10/2023 22:14	64302 LINC_T2	0	0	0	0	0	0	1.17	1.19	0	0	0	0	0	0
7/10/2023 22:27	29401 BELT_T1	0	0	0	0	0	0	0	0	1	1	0	900	900	0
7/10/2023 22:34	52404 GRPA_T2	1	1	0	0.2	0.3	0.1	0	0	0	0	0	0	0	0
7/10/2023 22:35	52402 GRPA_T2	2	4	2	0.15	0.23	0.08	0	0	0	0	0	0	0	0
7/10/2023 22:35	42601 TUSC_T1	0	0	0	0	0	0	0.03	-0.06	2	2	0	1800	1800	0
7/11/2023 0:28	44802 EDAN_T2	0	0	0	0	0	0	-2.01	-2.08	1	1	0	1200	1200	0
7/11/2023 0:28	41902 REED_T1	0	0	0	0	0	0	0.88	0.87	0	0	0	0	0	0
7/11/2023 0:28	43302 WATS_T2	0	2	2	0	0.1	0.1	0	0	0	0	0	0	0	0
7/11/2023 0:28	62604 ENGL_T1	0	0	0	0	0	0	-1.27	-1.31	1	1	0	600	600	0
7/11/2023 0:28	11102 EGYP_T1	0	0	0	0	0	0	-0.38	-0.44	0	0	0	0	0	0
7/11/2023 0:28	40902 JESH_T1	0	0	0	0	0	0	-0.16	-0.18	1	1	0	600	600	0
7/11/2023 0:28	59202 THOM_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
7/11/2023 0:28	63402 HONY_T2	0	1	1	0	0.5	0.5	0	0	0	0	0	0	0	0
7/11/2023 0:28	64201 KINZ_T1	1	1	0	0.7	1.5	0.8	-0.04	-0.18	2	2	0	1800	1800	0
7/11/2023 0:28	52404 GRPA_T2	0	1	1	0	0.1	0.1	0	0	0	0	0	0	0	0
7/11/2023 0:28	61202 REIN_T1	0	0	0	0	0	0	0	0	1	1	0	900	900	0
7/11/2023 0:28	52502 PROG_T2	0	0	0	0	0	0	-0.5	-0.5	1	1	0	900	900	0
7/11/2023 0:28	64201 KINZ_T1	1	1	0	0.7	1.5	0.8	-0.04	-0.18	2	2	0	1800	1800	0
7/11/2023 0:28	65902 SAKR_T2	0	0	0	0	0	0	-0.4	-0.39	1	1	0	300	300	0
7/11/2023 0:28	29402 BELT_T1	0	38	38	0	0.34	0.34	0	0	0	0	0	0	0	0
7/11/2023 0:28	58803 COCO_T1	2	2	0	1.8	2.45	0.65	-1.08	-1.15	0	0	0	0	0	0
7/11/2023 0:28	15001 BLMO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
7/11/2023 0:28	56504 ROCK_T2	0	0	0	0	0	0	-0.21	-0.21	0	0	0	0	0	0
7/11/2023 0:28	47401 PENS_T1	1	1	0	1.1	0	-1.1	2.1	1.94	0	0	0	0	0	0
7/11/2023 0:28	12701 MACU_T1	0	0	0	0	0	0	-1.1	-1.12	1	1	0	1200	1200	0
7/11/2023 0:28	63404 HONY_T1	2	2	0	7.4	7.85	0.45	0	0	0	0	0	0	0	0
7/11/2023 0:28	28403 HART_T2	0	0	0	0	0	0	-0.55	-0.59	1	1	0	900	900	0
7/11/2023 0:28	66504 SMAN_T2	0	0	0	0	0	0	-2.6	-2.62	2	2	0	2400	2400	0
7/11/2023 0:28	52403 GRPA_T2	0	0	0	0	0	0	-0.96	-1.04	0	0	0	0	0	0
7/11/2023 0:28	54001 SDLE_T1	1	3	2	0.6	0.3	-0.3	0	0	1	1	0	600	600	0
7/11/2023 0:28	48901 FOSP_T2	0	0	0	0	0	0	-1.17	-1.2	3	3	0	1800	1800	0
7/11/2023 0:28	11102 EGYP_T1	0	0	0	0	0	0	-0.38	-0.44	0	0	0	0	0	0
7/11/2023 0:28	55101 WERT_T1	0	0	0	0	0	0	-4.75	-4.88	8	8	0	6000	6000	0
7/11/2023 0:28	44502 HAMI_T2	1	1	0	3.3	3.3	0	-1.52	-1.46	0	0	0	0	0	0
7/11/2023 0:28	15203 SFAR_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
7/11/2023 0:28	13704 SCHN_T2	0	0	0	0	0	0	-0.27	-0.29	0	0	0	0	0	0
7/11/2023 0:28	42201 SHEN_T2	0	0	0	0	0	0	0.2	0.2	1	1	0	600	600	0
7/11/2023 0:28	66505 SMAN_T2	0	0	0	0	0	0	0.74	0.68	1	1	0	900	900	0
7/11/2023 0:28	60501 NMAN_T2	3	0	0	4.83	5.33	0.5	0	0	0	0	0	0	0	0
7/11/2023 0:28	25402 LAHA_T2	0	0	0	0	0	0	-0.83	-0.84	0	0	0	0	0	0
7/11/2023 0:28	56801 BENV_T1	20	23	3	0.58	1.4	0.82	0	0	0	0	0	0	0	0
7/11/2023 0:28	42701 AUGU_T1	1	1	0	1.3	1.6	0.3	0	0	2	2	0	1800	1800	0
7/11/2023 0:28	48901 FOSP_T2	0	0	0	0	0	0	-1.17	-1.2	3	3	0	1800	1800	0
7/11/2023 0:28	48302 ORWI_T2	2	2	0	0.95	0.85	-0.1	-0.14	-0.15	0	0	0	0	0	0
7/11/2023 0:28	25801 SUTR_T2	0	0	0	0	0	0	-0.72	-0.71	0	0	0	0	0	0
7/11/2023 0:28	65902 SAKR_T2	0	0	0	0	0	0	-0.4	-0.39	1	1	0	300	300	0
7/11/2023 0:28	13503 MCMI_T2	0	0	0	0	0	0	0.04	-0.01	0	0	0	0	0	0
7/11/2023 0:28	53501 EVIL_T2	10	16	6	0.45	0.71	0.26	-0.89	-1.03	1	1	0	600	600	0
7/11/2023 0:28	10602 BLGL_T2	0	0	0	0	0	0	0.21	0.18	0	0	0	0	0	0
7/11/2023 0:28	49804 UNIV_T1	1	2	1	0.2	0.4	0.2	0.64	0.63	0	0	0	0	0	0
7/11/2023 0:28	59101 WALK_T2	0	0	0	0	0	0	2.76	2.49	3	3	0	1350	1350	0
7/11/2023 0:28	47101 MARI_T1	6	4	-2	0.52	0	-0.52	-0.11	-0.15	0	0	0	0	0	0
7/11/2023 8:08	15203 SFAR_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
7/11/2023 8:18	66504 SMAN_T2	0	1	1	0	0	0	-1.88	-1.9	2	2	0	2400	2400	0
7/11/2023 8:34	15204 SFAR_T2	0	0	0	0	0	0	0.42	0.44	0	0	0	0	0	0
7/11/2023 8:50	15204 SFAR_T2	0	0	0	0	0	0	0.44	0.42	0	0	0	0	0	0
7/11/2023 9:04	15204 SFAR_T2	0	0	0	0	0	0	0.42	0.51	0	0	0	0	0	0
7/11/2023 9:11	65503 MOJO_T2	0	0	0	0	0	0	-0.16	-0.26	1	1	0	900	900	0
7/11/2023 9:21	15203 SFAR_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
7/11/2023 9:26	60101 COCA_T1	0	0	0	0	0	0	0.63	0.64	0	0	0	0	0	0
7/11/2023 9:30	43202 MVIL_T2	0	0	0	0	0	0	-0.52	-0.54	0	0	0	0	0	0
7/11/2023 9:30	45802 HEGI_T2	0	0	0	0	0	0	0.1	0.1	2	2	0	1200	1200	0
7/11/2023 9:31	42001 MNVL_T2	0	0	0	0	0	0	0.27	0.31	0	0	0	0	0	0
7/11/2023 9:33	50505 MECH_T1	622	464	-158	0.57	0.41	-0.16	-2.77	-2.77	0	0	0	0	0	0
7/11/2023 9:36	59101 WALK_T2	0	0	0	0	0	0	2.04	2.11	1	0	-1	600	0	-600
7/11/2023 9:38	29402 BELT_T1	0	1	1	0	0.2	0.2	0	0	0	0	0	0	0	0
7/11/2023 9:46	47901 HRDG_T1	0	0	0	0	0	0	1.96	2.25	0	0	0	0	0	0
7/11/2023 9:47	41903 REED_T1	0	1	1	0	0.1	0.1	0	0	0	0	0	0	0	0
7/11/2023 9:56	58803 COCO_T1	2	1	-1	0.8	1.4	0.6	0.34	0.4	0	0	0	0	0	0
7/11/2023 9:57	24105 EHAZ_T1	4	4	0	5.58	5.63	0.05	0	0	0	0	0	0	0	0
7/11/2023 9:57	64204 KINZ_T1	1	1	0	1.1	1.3	0.2	0	0	0	0	0	0	0	0
7/11/2023 9:58	52404 GRPA_T2	1	0	-1	0.2	0	-0.2	0.99	1	0	0	0	0	0	0
7/11/2023 9:59	53501 EVIL_T2	5	5	0	0.14	0.44	0.3	-1.38	-1.44	4	4	0	2700	2700	0
7/11/2023 10:00	64801 MONE_T2	0	0	0	0	0	0	0.59	0.6	0	0	0	0	0	0
7/11/2023 10:00	15604 NSTR_T1	0	0	0	0	0	0	0.26	0.26	0	0	0	0	0	0
7/11/2023 10:00	47401 PENS_T1	1	1	0	2.3	2.6	0.3	0	0	0	0	0	0	0	0
7/11/2023 10:00	12604 MACA_T1	0	0	0	0	0	0	0.58	0.64	0	0	0	0	0	0
7/11/2023 10:00	20401 ASHF_T2	1	1	0	0.3	0	-0.3	0.14	0.27	1	1	0	600	600	0
7/11/2023 10:00	67604 WARW_T1	0	0	0	0	0	0	0.42	0.37	0	0	0	0	0	0
7/11/2023 10:00	44901 SCOT_T2	0	0	0	0	0	0	0.62	0.76	0	0	0	0	0	0
7/11/2023 10:00	56601 HAMP_T1	1	1	0	0.5	0.5	0	0.28	0.29	0	0	0	0	0	0
7/11/2023 10:00	52503 PROG_T2	0	0	0	0	0	0	-0.41	-0.4	1	1	0	900	900	0
7/11/2023 10:01	52502 PROG_T2	0	0	0	0	0	0	-0.37	-0.37	1	1	0	900	900	0
7/11/2023 10:07	59101 WALK_T2	0	0	0	0	0	0	2.06	2.04	0	0	0	0	0	0
7/11/2023 10:09	20401 ASHF_T2	1	1	0	0.3	0	-0.3	0	0	0	0	0	0	0	0
7/11/2023 10:12	52403 GRPA_T2	0	1	1	0	0	0	0.36	0.34	0	0	0	0	0	0
7/11/2023 10:13	12701 MACU_T1	1	0	-1	0.1	0	-0.1	0.3	-0.89	0	1	1	0	1200	1200
7/11/2023 10:17	61202 REIN_T1	0	0	0	0	0	0	0	0	1	1	0	900	900	0
7/11/2023 10:18	47401 PENS_T1	2	1	-1	0.5	0	-0.5	0.25	0.26	0	0	0	0	0	0
7/11/2023 10:19	66505 SMAN_T2	0	0	0	0	0	0	0.31	0.29	3	3	0	2100	2100	0
7/11/2023 10:22	42701 AUGU_T1	0	0	0	0	0	0	0	0	2	2	0	1800	1800	0
7/11/2023 10:22	28604 BLYT_T2	0	0	0	0	0	0	-1.19	-1.18	0	0	0	0	0	0
7/11/2023 10:24	56801 BENV_T1	12	10	-2	0.42	0.38	-0.04	0	0	0	0	0	0	0	0
7/11/2023 10:28	17805 GILB_T2	0	0	0	0	0	0	0.4	0.43	0	0	0	0	0	0
7/11/2023 10:28	64202 KINZ_T1	3	3	0	0.23	0.27	0.04	0	0	0	0	0	0	0	0
7/11/2023 10:32	40501 CRES_T2	3	1	-2	0.23	0.3	0.07	0.01	0.01	0	0	0	0	0	0
7/11/2023 10:34	61202 REIN_T1	0	0	0	0	0	0	0	0	1	1	0	900	900	0
7/11/2023 10:36	52403 GRPA_T2	1	7	6	0.4	0.15	-0.25	0.37	-0.04	0	0	0	0	0	0
7/11/2023 10:41	61801 EELI_T2	0	0	0	0	0	0	-0.35	-0.24	1	1	0	600	600	0
7/11/2023 10:42	28403 HART_T2	0	0	0	0	0	0	-0.48	-0.48	1	1	0	900	900	0
7/11/2023 10:45	44802 EDAN_T2	0	0	0	0	0	0	-1.78	-1.72	1	1	0	1200	1200	0
7/11/2023 10:49	65603 QVIL_T2	1	1	0	9.2	9.4	0.2	0	0	0	0	0	0	0	0
7/11/2023 10:50	52502 PROG_T2	0	0	0	0	0	0	-0.28	-0.23	1	1	0	900	900	0
7/11/2023 10:51	56803 BENV_T1	0	0	0	0	0	0	0.7	0.65	0	0	0	0	0	0
7/11/2023 10:51	67502 WEWI_T2	0	0	0	0	0	0	-0.54	-0.45	1	1	0	900	900	0
7/11/2023 10:54	53501 EVIL_T2	0	0	0	0	0	0	-1.12	-0.96	4	4	0	2700	2700	0
7/11/2023 10:55	28403 HART_T2	0	1	1	0	0	0	-0.48	-0.46	1	1	0	900	900	0
7/11/2023 10:58	29402 BELT_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
7/11/2023 11:03	60501 NMAN_T2	3	3	0	3.8	3.67	-0.13	0	0	0	0	0	0	0	0
7/11/2023 11:04	53601 DALM_T2	1	2	1	0.4	0.2	-0.2	0.04	0.17	0	0	0	0	0	0
7/11/2023 11:11	53501 EVIL_T2	0	1	1	0	0.2	0.2	-0.96	-0.95	4	4	0	2700	2700	0
7/11/2023 11:11	63403 HONY_T2	0	0	0	0	0	0	-0.8	-0.78	1	1	0	600	600	0
7/11/2023 11:12	52403 GRPA_T2	2	6	4	0.15	0.1	-0.05	0	0	0	0	0	0	0	0
7/11/2023 11:13	62604 ENGL_T1	0	0	0	0	0	0	-1	-1.02	1	1	0	600	600	0
7/11/2023 11:17	56501 ROCK_T2	1	1	0	0.9	1	0.1	0	0	0	0	0	0	0	0
7/11/2023 11:18	48302 ORWI_T2	2	2	0	0.65	0.55	-0.1	0.16	0.16	0	0	0	0	0	0
7/11/2023 11:20	59101 WALK_T2	1	3	2	0.5	0.5	0	0.91	1.02	0	0	0	0	0	0
7/11/2023 11:20	55101 WERT_T1	0	0	0	0	0	0	-1.43	-1.53	4	4	0	3300	3300	0
7/11/2023 11:21	55101 WERT_T1	0	0	0	0	0	0	-1.43	-1.53	4	4	0	3300	3300	0
7/11/2023 11:22	66504 SMAN_T2	4	6	2	0.43	0.25	-0.18	0	0	0	0	0	0	0	0
7/11/2023 11:24	65503 MOJO_T2	0	2	2	0	0.65	0.65	0.21	0.22	1	1	0	900	900	0
7/11/2023 11:27	10805 CHHI_T2	1	1	0	8.8	8.8	0	-1.27	-1.25	2	2	0	1800	1800	0
7/11/2023 11:27	15001 BLMO_T1	1	1	0	0.1	0.1	0	0	0	0	0	0	0	0	0
7/11/2023 11:30	42903 MIDD_T2	0	0	0	0	0	0	-0.37	1.1	1	1	0	1200	1200	0
7/11/2023 11:34	56504 ROCK_T2	2	0	-2	0.3	0	-0.3	0.21	0.13	0	0	0	0	0	0
7/11/2023 11:36	55101 WERT_T1	0	0	0	0	0	0	-1.53	-1.52	4	4	0	3300	3300	0
7/11/2023 11:45	11104 EGYP_T1	6	7	1	1.72	2.08	0.36	1.09	1.15	0	0	0	0	0	0
7/11/2023 11:50	43304 WATS_T2	0	2	2	0	0.1	0.1	-0.56	-0.56	1	1	0	600	600	0
7/11/2023 11:53	66703 STRA_T1	0	0	0	0	0	0	-0.44	-0.4	0	0	0	0	0	0
7/11/2023 11:55	10805 CHHI_T2	1	1	0	8.8	8.5	-0.3	-1.31	-1.31	2	2	0	1800	1800	0
7/11/2023 11:59	11102 EGYP_T1	1	3	2	1.8	1	-0.8	0	0	0	0	0	0	0	0
7/11/2023 11:59	48902 FOSP_T2	0	0	0	0	0	0	-0.46	0.42	0	0	0	0	0	0
7/11/2023 12:10	52402 GRPA_T2	0	1	1	0	0.1	0.1	0	0	0	0	0	0	0	0
7/11/2023 12:49	10705 CATA_T2	0	0	0	0	0	0	-1.45	-1.45	1	1	0	900	900	0
7/11/2023 12:50	49803 UNIV_T1	2	1	-1	0.85	1.3	0.45	0	0	0	0	0	0	0	0
7/11/2023 12:58	27101 GFLD_T2	1	3	2	0	0.2	0.2	0.51	0.51	0	0	0	0	0	0
7/11/2023 12:58	23203 HIRU_T2	2	3	1	0.45	0.33	-0.12	0.2	0.2	0	0	0	0	0	0
7/11/2023 13:06	65901 SAKR_T2	0	0	0	0	0	0	-0.84	-0.75	2	2	0	1500	1500	0
7/11/2023 13:31	44505 HAMI_T2	11	17	6	0.47	0.62	0.15	0	0	0	0	0	0	0	0
7/11/2023 13:39	59101 WALK_T2	1	2	1	1.5	0.5	-1	1.77	1.37	2	3	1	1050	1650	600
7/11/2023 13:59	40903 JESH_T1	0	1	1	0	0	0	0	0	0	0	0	0	0	0
7/11/2023 14:03	44203 POIN_T2	9	7	-2	0.7	0.28	-0.42	0.45	0.23	2	2	0	2100	2100	0
7/11/2023 14:07	59102 WALK_T2	1	1	0	0.1	0.6	0.5	0	0	0	0	0	0	0	0
7/11/2023 14:07	55101 WERT_T1	8	24	16	0.58	0.35	-0.23	-1.67	-1.49	4	4	0	3300	3300	0
7/11/2023 14:15	63402 HONY_T2	0	1	1	0	0	0	0	0	0	0	0	0	0	0
7/11/2023 14:21	52502 PROG_T2	0	0	0	0	0	0	0.15	0.21	1	1	0	900	900	0
7/11/2023 14:21	55101 WERT_T1	4	25	21	0.35	0.4	0.05	-1.49	-1.56	4	4	0	3300	3300	0
7/11/2023 14:25	56803 BENV_T1	2	2	0	0.55	0.7	0.15	0	0	0	0	0	0	0	0
7/11/2023 14:26	56802 BENV_T2	0	1	1	0	0.1	0.1	-0.7	-0.69	0	0	0	0	0	0
7/11/2023 14:31	47403 PENS_T1	3	2	-1	1.07	1.45	0.38	0	0	0	0	0	0	0	0
7/11/2023 14:39	55101 WERT_T1	24	29	5	0.42	0.45	0.03	-1.56	-1.52	4	4	0	3300	3300	0
7/11/2023 14:39	56802 BENV_T2	1	1	0	0.1	0.1	0	-0.69	-0.63	0	0	0	0	0	0
7/11/2023 14:46	12701 MACU_T1	3	2	-1	0.33	0	-0.33	-0.66	-0.64	1	1	0	1200	1200	0
7/11/2023 14:46	65901 SAKR_T2	0	0	0	0	0	0	-0.73	-0.68	2	2	0	1500	1500	0
7/11/2023 14:50	59202 THOM_T1	3	5	2	1.17	0.3	-0.87	0	0	0	0	0	0	0	0
7/11/2023 14:50	65901 SAKR_T2	0	0	0	0	0	0	-0.68	-0.58	2	2	0	1500	1500	0
7/11/2023 14:52	43304 WATS_T2	0	7	7	0	0.3	0.3	-0.33	-0.27	1	1	0	600	600	0
7/11/2023 14:52	67503 WEWI

Appendix C - Grid Benefits Achieved in Each Instance of Active Management

7/11/2023 21:06	53601 DALM_T2	1	1	0	0.2	0.6	0.4	-0.49	-0.53	1	1	0	600	600	0
7/11/2023 21:10	10805 CHHI_T2	10	10	0	2.54	1.47	-1.07	-1.27	-1.26	2	2	0	1800	1800	0
7/11/2023 21:13	52401 GRPA_T2	0	1	1	0	0.1	0.1	0	0	0	0	0	0	0	0
7/11/2023 21:21	56501 ROCK_T2	1	1	0	0.4	0.2	-0.2	0	0	0	0	0	0	0	0
7/11/2023 21:23	10805 CHHI_T2	7	13	6	1.54	7.9	6.36	-1.26	-1.32	2	2	0	1800	1800	0
7/11/2023 21:43	11102 EGYP_T1	3	1	-2	0.6	0.2	-0.4	0	0	0	0	0	0	0	0
7/11/2023 21:57	11102 EGYP_T1	1	1	0	0.6	0.1	-0.5	0	0	0	0	0	0	0	0
7/11/2023 22:42	44502 HAMI_T2	1	4	3	3.2	3.3	0.1	-0.55	-0.57	0	0	0	0	0	0
7/11/2023 22:45	55101 WERT_T1	0	0	0	0	0	0	-1.81	-1.8	3	3	0	2400	2400	0
7/12/2023 0:28	26401 INOR_T1	1	1	0	0	0	0	0	0	0	0	0	0	0	0
7/12/2023 0:28	56504 ROCK_T2	0	0	0	0	0	0	-0.15	-0.18	0	0	0	0	0	0
7/12/2023 0:28	48902 FOSP_T2	0	0	0	0	0	0	-0.69	-0.66	0	0	0	0	0	0
7/12/2023 0:28	47401 PENS_T1	0	0	0	0	0	0	-0.16	-0.13	0	0	0	0	0	0
7/12/2023 0:28	59202 THOM_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
7/12/2023 0:28	65503 MOJO_T2	0	0	0	0	0	0	-0.71	-0.71	1	1	0	900	900	0
7/12/2023 0:28	14801 TREI_T2	0	0	0	0	0	0	-0.38	-0.38	0	0	0	0	0	0
7/12/2023 0:28	42701 AUGU_T1	1	1	0	1.1	1.6	0.5	0	0	4	4	0	3600	3600	0
7/12/2023 0:28	49804 UNIV_T1	2	2	0	0.25	0.6	0.35	0.76	0.71	0	0	0	0	0	0
7/12/2023 0:28	62606 ENGL_T1	0	1	1	0	0.1	0.1	0	0	0	0	0	0	0	0
7/12/2023 0:28	27101 GFLD_T2	1	1	0	0	0	0	0.43	0.39	0	0	0	0	0	0
7/12/2023 0:28	64204 KINZ_T1	1	1	0	0.9	1.4	0.5	0	0	0	0	0	0	0	0
7/12/2023 0:28	40902 JESH_T1	0	0	0	0	0	0	-0.06	-0.13	1	1	0	600	600	0
7/12/2023 0:28	43304 WATS_T2	0	0	0	0	0	0	-1.04	-1.17	0	0	0	0	0	0
7/12/2023 0:28	56803 BENV_T1	0	0	-2	0	0	0	0.8	0.7	0	0	0	0	0	0
7/12/2023 0:28	67503 WEWI_T2	1	0	-1	2.9	0	-2.9	-0.59	-0.62	0	0	0	0	0	0
7/12/2023 0:28	48902 FOSP_T2	0	0	0	0	0	0	-0.69	-0.66	0	0	0	0	0	0
7/12/2023 0:28	42903 MIDD_T2	0	0	0	0	0	0	-0.27	-0.19	0	0	0	0	0	0
7/12/2023 0:28	17805 GILB_T2	0	0	0	0	0	0	0.02	0	0	0	0	0	0	0
7/12/2023 0:28	63402 HONY_T2	1	1	0	0.5	0.5	0	0	0	0	0	0	0	0	0
7/12/2023 0:28	65901 SAKR_T2	0	0	0	0	0	0	-2.5	-2.58	2	2	0	1800	1800	0
7/12/2023 0:28	66505 SMAN_T2	0	0	0	0	0	0	0.04	-0.05	2	2	0	1500	1500	0
7/12/2023 0:28	44203 POIN_T2	0	0	0	0	0	0	-0.97	-1.34	4	4	0	4200	4200	0
7/12/2023 0:28	65604 QVIL_T2	0	0	0	0	0	0	0.34	0.28	0	0	0	0	0	0
7/12/2023 0:28	60501 NMAN_T2	3	3	0	4.53	4.87	0.34	0	0	0	0	0	0	0	0
7/12/2023 0:28	56801 BENV_T1	15	25	10	0.52	0.88	0.36	-0.62	-0.66	1	1	0	600	600	0
7/12/2023 0:28	20403 ASHF_T2	0	0	0	0	0	0	0.32	0.27	0	0	0	0	0	0
7/12/2023 0:28	64101 REFR_T1	0	0	0	0	0	0	0.77	0.67	0	0	0	0	0	0
7/12/2023 0:28	11102 EGYP_T1	0	0	0	0	0	0	-0.39	-0.33	0	0	0	0	0	0
7/12/2023 0:28	46302 ROHR_T1	2	3	1	0.6	0.63	0.03	0.19	0.18	0	0	0	0	0	0
7/12/2023 0:28	52502 PROG_T2	0	0	0	0	0	0	-0.78	1.12	2	2	0	1800	1800	0
7/12/2023 0:28	66703 STRA_T1	0	4	4	0	0.2	0.2	-0.14	-0.18	0	0	0	0	0	0
7/12/2023 0:28	64305 LINC_T1	0	1	1	0	0.1	0.1	-0.61	-0.64	0	0	0	0	0	0
7/12/2023 0:28	48302 ORWI_T2	2	2	0	1.1	0.65	-0.45	-0.13	-0.17	0	0	0	0	0	0
7/12/2023 0:28	41902 REED_T1	4	0	-4	0.3	0	-0.3	0.85	0.93	0	0	0	0	0	0
7/12/2023 0:28	10602 BLGI_T2	0	0	0	0	0	0	0.31	0.26	0	0	0	0	0	0
7/12/2023 0:28	55101 WERT_T1	0	0	0	0	0	0	-8.12	-8.34	12	12	0	9600	9600	0
7/12/2023 0:28	56802 BENV_T2	0	0	0	0	0	0	-2.24	-2.24	0	0	0	0	0	0
7/12/2023 0:28	28601 BLYT_T2	1	1	0	1.8	2.2	0.4	0	0	0	0	0	0	0	0
7/12/2023 0:28	23401 HONE_T2	0	0	0	0	0	0	-0.16	-0.25	0	0	0	0	0	0
7/12/2023 0:28	59101 WALK_T2	0	0	0	0	0	0	2.7	2.67	3	3	0	1350	1350	0
7/12/2023 0:28	12701 MACU_T1	0	0	0	0	0	0	-1.06	-1.07	1	1	0	1200	1200	0
7/12/2023 0:28	16505 STRO_T1	0	0	0	0	0	0	0.2	0.13	0	0	0	0	0	0
7/12/2023 0:34	13704 SCHN_T2	0	0	0	0	0	0	-0.21	-0.27	0	0	0	0	0	0
7/12/2023 8:19	66504 SMAN_T2	0	0	0	0	0	0	-1.8	-1.78	2	2	0	2400	2400	0
7/12/2023 8:20	15203 SFAR_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
7/12/2023 8:25	20401 ASHF_T2	1	2	1	1	0.1	-0.9	0	0	0	0	0	0	0	0
7/12/2023 8:34	15204 SFAR_T2	0	0	0	0	0	0	0.51	0.53	0	0	0	0	0	0
7/12/2023 8:57	58402 MORO_T1	0	0	0	0	0	0	-0.68	-0.63	2	2	0	1500	1500	0
7/12/2023 9:03	15204 SFAR_T2	0	0	0	0	0	0	0.53	0.55	0	0	0	0	0	0
7/12/2023 9:12	58402 MORO_T1	0	0	0	0	0	0	-0.63	-0.55	2	2	0	1500	1500	0
7/12/2023 9:19	25801 SUTR_T2	0	1	1	0	0	0	-0.76	-0.65	0	0	0	0	0	0
7/12/2023 9:21	15203 SFAR_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
7/12/2023 9:34	65503 MOJO_T2	0	0	0	0	0	0	-0.05	0.07	1	1	0	900	900	0
7/12/2023 9:37	56802 BENV_T2	6	3	-3	0.4	0.43	0.03	-1.03	-1.02	0	0	0	0	0	0
7/12/2023 9:43	61102 BERK_T5	0	0	0	0	0	0	0.73	0.79	1	1	0	300	300	0
7/12/2023 9:44	43202 MVIL_T2	0	0	0	0	0	0	-0.45	-0.41	0	0	0	0	0	0
7/12/2023 9:50	41903 REED_T1	4	4	0	0.55	0.73	0.18	0	0	0	0	0	0	0	0
7/12/2023 9:50	44203 POIN_T2	3	4	1	0.73	0.23	-0.5	0.52	0.36	2	2	0	2100	2100	0
7/12/2023 9:51	56802 BENV_T2	3	2	-1	0.43	1.1	0.67	-1.02	-0.99	0	0	0	0	0	0
7/12/2023 9:52	48302 ORWI_T2	2	2	0	0.35	0.25	-0.1	0.14	0.12	0	0	0	0	0	0
7/12/2023 9:54	53501 EVIL_T2	1	1	0	0.1	0.2	0.1	-0.99	-1.03	4	4	0	2700	2700	0
7/12/2023 9:56	53501 EVIL_T2	1	1	0	0.1	0.2	0.1	-0.99	-1.03	4	4	0	2700	2700	0
7/12/2023 10:00	67604 WARW_T1	0	0	0	0	0	0	0.44	0.47	0	0	0	0	0	0
7/12/2023 10:00	52503 PROG_T2	0	0	0	0	0	0	-0.25	-0.24	1	1	0	900	900	0
7/12/2023 10:00	20402 ASHF_T2	0	6	6	0	0	0	0	0	0	0	0	0	0	0
7/12/2023 10:00	56601 HAMP_T1	1	1	0	0.5	0.5	0	0.32	0.31	0	0	0	0	0	0
7/12/2023 10:00	64801 MONE_T2	0	0	0	0	0	0	0.67	0.69	0	0	0	0	0	0
7/12/2023 10:00	23203 HIRU_T2	0	0	0	0	0	0	0.16	0.16	0	0	0	0	0	0
7/12/2023 10:00	12604 MACA_T1	0	0	0	0	0	0	0.75	0.72	0	0	0	0	0	0
7/12/2023 10:00	61202 REIN_T1	0	0	0	0	0	0	0	0	1	1	0	900	900	0
7/12/2023 10:00	15203 SFAR_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
7/12/2023 10:00	40902 JESH_T1	0	0	0	0	0	0	-0.12	-0.01	3	3	0	1800	1800	0
7/12/2023 10:00	15604 NSTR_T1	0	0	0	0	0	0	0.3	0.32	0	0	0	0	0	0
7/12/2023 10:00	43304 WATS_T2	0	0	0	0	0	0	-0.4	-0.39	0	0	0	0	0	0
7/12/2023 10:01	11104 EGYP_T1	6	6	0	0.43	0.83	0.4	1.04	1.05	0	0	0	0	0	0
7/12/2023 10:07	55101 WERT_T1	4	1	-3	0.23	0	-0.23	-2.02	-1.99	4	4	0	3300	3300	0
7/12/2023 10:07	66505 SMAN_T2	0	0	0	0	0	0	0.64	0.21	3	4	1	2100	2300	200
7/12/2023 10:10	53501 EVIL_T2	1	1	0	0.2	0.1	-0.1	-1.03	-0.97	4	4	0	2700	2700	0
7/12/2023 10:11	24105 EHAZ_T1	4	4	0	7.05	6.83	-0.22	0	0	0	0	0	0	0	0
7/12/2023 10:11	45802 HEGI_T2	0	0	0	0	0	0	-0.25	0.52	2	2	0	1200	1200	0
7/12/2023 10:11	52403 GRPA_T2	5	4	-1	1.02	0.2	-0.82	0	0	0	0	0	0	0	0
7/12/2023 10:12	60101 COCA_T1	0	0	0	0	0	0	0.8	0.8	0	0	0	0	0	0
7/12/2023 10:12	28403 HART_T2	0	0	0	0	0	0	-0.54	-0.48	1	1	0	900	900	0
7/12/2023 10:14	62602 ENGL_T1	0	1	1	0	0	0	0	0	0	0	0	0	0	0
7/12/2023 10:16	65503 MOJO_T2	0	0	0	0	0	0	0.04	0.05	1	1	0	900	900	0
7/12/2023 10:16	43202 MVIL_T2	0	0	0	0	0	0	-0.45	-0.45	0	0	0	0	0	0
7/12/2023 10:17	64202 KINZ_T1	2	0	-2	0.45	0	-0.45	0	0	0	0	0	0	0	0
7/12/2023 10:19	52502 PROG_T2	0	0	0	0	0	0	-0.19	-0.17	1	1	0	900	900	0
7/12/2023 10:22	28604 BLYT_T2	0	0	0	0	0	0	-1.06	-1.06	0	0	0	0	0	0
7/12/2023 10:22	56801 BENV_T1	11	4	-7	0.62	0.43	-0.19	0	0	0	0	0	0	0	0
7/12/2023 10:23	66505 SMAN_T2	0	0	0	0	0	0	0.21	0.41	4	4	0	2300	2300	0
7/12/2023 10:25	11101 EGYP_T1	1	1	0	0.7	0.4	-0.3	0	0	0	0	0	0	0	0
7/12/2023 10:25	40501 CRES_T2	3	3	0	0.2	0.2	0	0	0.02	0	0	0	0	0	0
7/12/2023 10:26	48902 FOSP_T2	0	0	0	0	0	0	0.58	0.44	0	1	1	0	1200	1200
7/12/2023 10:27	58803 COCO_T1	2	2	0	1.35	1.55	0.2	-0.59	-0.61	0	0	0	0	0	0
7/12/2023 10:30	64204 KINZ_T1	1	1	0	0.7	0.3	-0.4	0	0	0	0	0	0	0	0
7/12/2023 10:30	45003 LIME_2	23	31	8	0.4	0.45	0.05	0	0	1	1	0	1200	1200	0
7/12/2023 10:31	44502 HAMI_T2	1	1	0	1.5	1.4	-0.1	-0.44	-0.41	0	0	0	0	0	0
7/12/2023 10:35	56501 ROCK_T2	1	2	1	1.2	1.1	-0.1	0	0	0	0	0	0	0	0
7/12/2023 10:39	56801 BENV_T1	4	1	-3	0.43	0.6	0.17	0	0	0	0	0	0	0	0
7/12/2023 10:41	61802 EELI_T2	4	1	-3	0.35	0	-0.35	0	0	0	0	0	0	0	0
7/12/2023 10:47	65603 QVIL_T2	1	1	0	9.4	9.6	0.2	0	0	0	0	0	0	0	0
7/12/2023 10:47	17804 GILB_T2	1	1	0	1.3	1.2	-0.1	0	0	0	0	0	0	0	0
7/12/2023 10:49	52502 PROG_T2	0	0	0	0	0	0	-0.09	-0.08	1	1	0	900	900	0
7/12/2023 10:52	59202 THOM_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
7/12/2023 10:52	55101 WERT_T1	0	0	0	0	0	0	-1.98	-1.97	4	4	0	3300	3300	0
7/12/2023 10:53	66703 STRA_T1	0	0	0	0	0	0	-0.41	-0.41	0	0	0	0	0	0
7/12/2023 10:56	52401 GRPA_T2	0	1	1	0	0	0	-0.35	-0.38	0	0	0	0	0	0
7/12/2023 10:56	29402 BELT_T1	0	2	2	0	0.45	0.45	0	0	0	0	0	0	0	0
7/12/2023 10:57	48902 FOSP_T2	0	0	0	0	0	0	0.55	0.72	0	0	0	0	0	0
7/12/2023 10:58	27101 GFLD_T2	2	1	-1	0.4	0	-0.4	0.51	0.5	0	0	0	0	0	0
7/12/2023 11:02	60504 NMAN_T2	0	1	1	0	0.2	0.2	0	0	0	0	0	0	0	0
7/12/2023 11:07	56501 ROCK_T2	2	2	0	1.95	3.55	1.6	0	0	0	0	0	0	0	0
7/12/2023 11:07	16402 MOPO_T1	0	0	0	0	0	0	0.24	0.28	0	0	0	0	0	0
7/12/2023 11:09	10805 CHHI_T2	8	7	-1	1.66	9	7.34	-1.39	-1.36	2	2	0	1800	1800	0
7/12/2023 11:10	29402 BELT_T1	6	6	0	0	0.37	0.37	0	0	0	0	0	0	0	0
7/12/2023 11:13	63402 HONY_T2	1	1	0	0.5	0.5	0	0	0	0	0	0	0	0	0
7/12/2023 11:14	48902 FOSP_T2	0	0	0	0	0	0	0.72	0.59	0	0	0	0	0	0
7/12/2023 11:15	52403 GRPA_T2	15	10	-5	0.97	0.47	-0.5	0	0.04	0	0	0	0	0	0
7/12/2023 11:20	10602 BLGI_T2	1	2	1	7.2	7.2	0	1.07	1.15	0	0	0	0	0	0
7/12/2023 11:21	52502 PROG_T2	0	0	0	0	0	0	-0.03	0.01	1	1	0	900	900	0
7/12/2023 11:22	59101 WALK_T2	1	1	0	0.1	0.4	0.3	1.4	1.55	1	1	0	600	600	0
7/12/2023 11:23	29402 BELT_T1	6	4	-2	0.45	0.45	0	0	0	0	0	0	0	0	0
7/12/2023 11:24	44802 EDAN_T2	0	0	0	0	0	0	-2.06	-1.97	1	1	0	1200	1200	0
7/12/2023 11:27	10805 CHHI_T2	1	8	7	9	9	0	-1.36	-1.15	2	2	0	1800	1800	0
7/12/2023 11:30	52401 GRPA_T2	0	1	1	0	0	0	0	0	0	0	0	0	0	0
7/12/2023 11:31	45002 LIME_2	2	1	-1	1.8	0.1	-1.7	0	0	0	0	0	0	0	0
7/12/2023 11:36	67502 WEWI_T2	0	0	0	0	0	0	-0.43	-0.4	1	1	0	900	900	0
7/12/2023 11:36	53501 EVIL_T2	1	3	2	1	0.7	-0.3	-0.92	-1.04	4	4	0	2700	2700	0
7/12/2023 11:38	29402 BELT_T1	6	7	1	0.37	0.4	0.03	0	0	0	0	0	0	0	0
7/12/2023 11:41	53501 EVIL_T2	1	3	2	1	0.7	-0.3	-0.92	-1.04	4	4	0	2700	2700	0
7/12/2023 11:50	49803 UNIV_T1	1	1	0	0.8	0.9	0.1	0	0	0	0	0	0	0	0
7/12/2023 11:50	55101 WERT_T1	0	0	0	0	0	0	-1.86	-1.64	4	4	0	3300	3300	0
7/12/2023 11:51	47403 PENS_T1	1	1	0	1.8	2.6	0.8	0	0	0	0	0	0	0	0
7/12/2023 12:16	47401 PENS_T1	2	0	-2	0.35	0	-0.35	0.36	0.63	0	0	0	0	0	0
7/12/2023 12:36	55101 WERT_T1	6	18	12	0.62	0.56	-0.06	-1.59	-1.52	4	4	0	3300	3300	0
7/12/2023 12:52	43304 WATS_T2	4	3	-1	0.25	0.65	0.4	-0.93	-0.95	1	1	0	600	600	0
7/12/2023 13:02	65604 QVIL_T2	16	42	26	0.23	0.27	0.04	0.54	0.58	0	0	0	0	0	0
7/12/2023 13:19	65902 SAKR_T2	1	1	0	1.2	1.4	0.2	-0.66	-0.61	2	2	0	1200	1200	0
7/12/2023 13:35	65902 SAKR_T2	1	1	0	1.5	0.9	-0.6	0	0	0	0	0	0	0	0
7/12/2023 13:40	55105 WERT_T1	0	1	1	0	0	0	0	0	0	0	0	0	0	0
7/12/2023 13:44	52401 GRPA_T2	7	8	1	0.59	0.4	-0.19	0	0	0	0	0	0	0	0
7/12/2023 13:46	14705 TREX_T1	0	1	1	0	0	0	0.7	1.3	0	0	0	0	0	0
7/12/2023 13:51	65901 SAKR_T2	0	2	2	0	0.4	0.4	-0.57	-0.59	2	2	0	1500	1500	0
7/12/2023 13:52	60701 BREC_T1	6	11	5	0.58	0.66	0.08	0.51	0.31	2	2	0	1200	1200	0
7/12/2023 13:55	55101 WERT_T1	30	63	33	1.01	0.68	-0.33	-1.37	-1.45	4	4	0	3300	3300	0
7/12/2023 13:57	52401 GRPA_T2	8	1	-7	0.33	0.3	-0.03	0	0	0	0	0	0	0	0
7/12/2023 13:58	23401 HONE_T2	2	4	2	0.15	0	-0.15	0.24	0.2	0	0	0	0	0	0
7/12/2023 14:06	42701 AUGU_T1	3	13	10	0.47	0.55	0.08	0	0	2	2	0	1800	1800	0
7/12/2023 14:10	53601 DALM_T2	0	0	0	0	0	0	-0.67	-0.66	2	2	0	1500	1500	0
7/12/2023 14:11	42701 AUGU_T1	3	13	10	0.47	0.55	0.08	0	0	2	2	0	1800	1800	0
7/12/2023 14:12	53902 HAU_T2	0	0	0	0	0	0	-0.62	-0.59	0	0	0	0	0	0
7/12/2023 14:14	40101 HUNT_T2	100	206	106	0.56	0.6	0.04	-0.68	-0.67	0	0	0	0	0	0
7/12/2023 14:16	12704 MACU_T1	0	5	5	0	0.1	0.1	0	0	0	0	0	0	0	0
7/12/2023 14:18	46301 ROHR_T1	1	2	1	1.5	1.5	0	0	0	0	0	0	0	0	0
7/12/2023 14:19	47403 PENS_T1	2	1	-1	1	2.2	1.2	0	0	0	0	0	0	0	0
7/12/2023 14:26	53902 HAU_T2	0	0	0	0	0	0	-0.59	-0.63	0	0	0	0	0	0
7/12/2023 14:27	64203 KINZ_T1	224	565	341	0.73	0.73	0	0	0	0	0	0	0	0	0
7/12/2023 14:30	12704 MACU_T1	1	5	4	0.1	0.3	0.2	0	0	0	0	0	0	0	0
7/12/2023 14:37	66703 STRA_T1	0	0	0	0	0	0	0.03	0.06	0	0	0	0	0	0
7/12/2023 14:38	42701 AUGU_T1	13	19	6	0.64	0.48	-0.16	0	0	2	2	0	1800	1800	0
7/12/2023 14:41	52401 GRPA_T2	9	41	32	0.64	0.71	0.07	0	0	0	0	0	0	0	0
7/12/2023 14:41	48901 FOSP_T2	0	0	0	0	0	0	0.03	-0.02	1	1	0	600	600	0
7/12/2023 14:47	56501 ROCK_T2	2	2	0	0.35	0.8	0.45	-1.75	-1.7	0	0	0	0	0	0
7/12/2023 14:47	40101 HUNT_T2	225	237	12	0.83	0.69	-0.14	-0.69	-0.68	0	0	0	0	0	0
7/12/2023 14:49	57303 MOAL_T2	1	1	0	8.6	8.1	-0.5	0	0	0	0	0	0	0	0
7/12/2023 14:49	65601 QVIL_T2	0	1	1	0	0	0	0	0	0	0	0	0	0	0
7/12/2023 14:49	41903 REED_T1	4	4	0	1.1	1.08	-0.02	0	0	0	0	0	0	0	0
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7/12/2023 20:28	45001 LIME_2	1	201	200	0.1	1.46	1.36	0	0	0	1	0	0	0
7/12/2023 20:29	60101 COCA_T1	0	0	0	0	0	0	-0.25	-0.27	1	1	0	1200	1200
7/12/2023 20:33	56501 ROCK_T2	5	12	7	0.12	0.18	0.06	0	0	0	0	0	0	0
7/12/2023 20:37	56803 BENV_T1	1	0	-1	0.3	0	-0.3	0.26	0.18	1	1	0	600	600
7/12/2023 20:41	61802 EELI_T2	8	8	0	0.46	0.45	-0.01	0	0	0	0	0	0	0
7/12/2023 20:45	17805 GILB_T2	0	0	0	0	0	0	-0.31	-0.33	0	0	0	0	0
7/12/2023 20:48	52502 PROG_T2	0	0	0	0	0	0	0.27	0.24	1	1	0	900	900
7/12/2023 20:50	59202 THOM_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
7/12/2023 20:50	65604 QVIL_T2	47	32	-15	0.59	0.29	-0.3	0.54	0.53	0	0	0	0	0
7/12/2023 20:56	48901 FOSP_T2	0	1	1	0	0.1	0.1	0	0	0	0	0	0	0
7/12/2023 20:58	27101 GFLD_T2	2	2	0	0.7	0.3	-0.4	0.56	0.51	0	0	0	0	0
7/12/2023 20:59	52401 GRPA_T2	0	0	0	0	0	0	-0.14	-0.16	0	0	0	0	0
7/12/2023 21:03	60501 NMAN_T2	3	3	0	3.67	3.93	0.26	0	0	0	0	0	0	0
7/12/2023 21:06	56501 ROCK_T2	12	0	-12	0.18	0	-0.18	0	0	0	0	0	0	0
7/12/2023 21:11	63402 HONY_T2	1	1	0	0.3	0.6	0.3	0	0	0	0	0	0	0
7/12/2023 21:11	16402 MOPO_T1	0	0	0	0	0	0	1.03	1.06	0	0	0	0	0
7/12/2023 21:18	10602 BLGL_T2	1	1	0	6.2	6.5	0.3	0.91	0.91	0	0	0	0	0
7/12/2023 21:21	52502 PROG_T2	0	0	0	0	0	0	0.17	0.1	1	1	0	900	900
7/12/2023 21:22	59101 WALK_T2	2	0	-2	1.1	0	-1.1	0.89	0.85	2	2	0	1050	1050
7/12/2023 21:28	44801 EDAN_T2	1	1	0	0.9	0.3	-0.6	0	0	0	0	0	0	0
7/12/2023 21:30	45001 LIME_2	209	208	-1	1.73	1.77	0.04	0	0	0	0	0	0	0
7/12/2023 21:34	52404 GRPA_T2	0	1	1	0	0.4	0.4	0	0	0	0	0	0	0
7/12/2023 21:41	53501 EVIL_T2	0	0	0	0	0	0	-1.26	-1.29	3	3	0	1800	1800
7/12/2023 21:49	47401 PENS_T1	0	0	0	0	0	0	0.15	0.15	0	0	0	0	0
7/12/2023 22:06	44502 HAMI_T2	1	1	0	3.2	3.2	0	-0.55	-0.61	0	0	0	0	0
7/12/2023 22:10	48901 FOSP_T2	2	0	-2	0.25	0	-0.25	-0.28	-0.28	1	1	0	600	600
7/12/2023 22:12	46001 BERW_T1	0	0	0	0	0	0	0.15	0.02	0	0	0	0	0
7/12/2023 22:14	48901 FOSP_T2	2	0	-2	0.25	0	-0.25	-0.28	-0.28	1	1	0	600	600
7/12/2023 22:17	47401 PENS_T1	0	0	0	0	0	0	0.15	0.13	0	0	0	0	0
7/12/2023 22:21	46302 ROHR_T1	3	3	0	0.6	0.5	-0.1	0.25	0.24	0	0	0	0	0
7/12/2023 22:22	40101 HUNT_T2	0	0	0	0	0	0	-0.36	-0.38	0	0	0	0	0
7/12/2023 22:23	53601 DALM_T2	1	1	0	0.2	0.2	0	0.16	0.22	1	1	0	600	600
7/12/2023 22:26	14403 SSLA_T1	0	0	0	0	0	0	1.26	1.14	0	0	0	0	0
7/12/2023 22:27	16505 STRO_T1	0	0	0	0	0	0	0.48	0.43	0	0	0	0	0
7/12/2023 22:30	42701 AUGU_T1	1	0	-1	0.4	0	-0.4	0	0	4	4	0	3600	3600
7/12/2023 22:30	40902 JESH_T1	0	0	0	0	0	0	0	0	1	1	0	600	600
7/12/2023 22:31	53903 HALI_T2	2	2	0	0.25	0.55	0.3	0	0	0	0	0	0	0
7/12/2023 22:31	60701 BREC_T1	0	0	0	0	0	0	-0.14	-0.15	1	1	0	600	600
7/12/2023 22:33	56501 ROCK_T2	0	4	4	0	0.15	0.15	0	0	0	0	0	0	0
7/12/2023 22:34	52402 GRPA_T2	2	1	-1	1.4	0.5	-0.9	0	0	0	0	0	0	0
7/12/2023 22:34	56801 BENV_T1	19	22	3	1.01	1.27	0.26	-0.31	-0.34	1	1	0	600	600
7/12/2023 22:34	44502 HAMI_T2	1	1	0	2.9	2.3	-0.6	-0.63	-0.64	0	0	0	0	0
7/12/2023 22:35	42701 AUGU_T1	1	0	-1	0.4	0	-0.4	0	0	2	2	0	1800	1800
7/12/2023 22:35	66703 STRA_T1	1	0	-1	0.1	0	-0.1	0.23	0.23	0	0	0	0	0
7/12/2023 22:36	42701 AUGU_T1	1	0	-1	0.4	0	-0.4	0	0	2	2	0	1800	1800
7/12/2023 22:37	52404 GRPA_T2	1	1	0	0.5	0.1	-0.4	0	-0.03	0	0	0	0	0
7/12/2023 22:37	61102 BERK_T5	0	0	0	0	0	0	-0.04	-0.06	1	1	0	300	300
7/12/2023 22:37	56801 BENV_T1	19	22	3	1.01	1.27	0.26	-0.31	-0.34	1	1	0	600	600
7/12/2023 22:39	56801 BENV_T1	19	22	3	1.01	1.27	0.26	-0.31	-0.34	1	1	0	600	600
7/12/2023 22:41	41901 REED_T1	0	1	1	0	0.2	0.2	0	0	0	0	0	0	0
7/12/2023 22:41	55101 WERT_T1	0	0	0	0	0	0	-1.95	-1.92	3	3	0	2700	2700
7/12/2023 22:42	54001 SDLE_T1	1	1	0	0.3	0.3	0	0	0	0	0	0	0	0
7/12/2023 22:42	55101 WERT_T1	0	0	0	0	0	0	-1.95	-1.92	3	3	0	2700	2700
7/12/2023 22:47	64101 REFR_T1	0	0	0	0	0	0	0.4	0.39	0	0	0	0	0
7/13/2023 0:28	11104 EGYP_T1	0	0	0	0	0	0	0.92	0.86	0	0	0	0	0
7/13/2023 0:28	14705 TREX_T1	0	0	0	0	0	0	0.86	0.82	0	0	0	0	0
7/13/2023 0:28	48901 FOSP_T2	0	0	0	1	0	0	-0.35	-0.35	1	1	0	600	600
7/13/2023 0:28	67502 WEWI_T2	0	0	0	0	0	0	-1.04	-1.04	1	1	0	900	900
7/13/2023 0:28	56501 ROCK_T2	0	0	0	0	0	0	0.24	0.21	0	0	0	0	0
7/13/2023 0:28	64202 KINZ_T1	0	3	3	0	0.43	0.43	0	0	0	0	0	0	0
7/13/2023 0:28	29402 BELT_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
7/13/2023 0:28	47403 PENS_T1	0	1	1	0	2.5	2.5	0	0	0	0	0	0	0
7/13/2023 0:28	67503 WEWI_T2	0	0	0	0	0	0	-0.59	-0.59	0	0	0	0	0
7/13/2023 0:28	23401 HONE_T2	0	0	0	0	0	0	-0.2	-0.16	0	0	0	0	0
7/13/2023 0:28	24101 EHAZ_T1	0	0	0	0	0	0	0.26	0.21	1	1	0	600	600
7/13/2023 0:28	43301 WATS_T2	1	1	0	0.1	0.4	0.3	-0.53	-0.51	1	1	0	900	900
7/13/2023 0:28	52401 GRPA_T2	0	0	0	0	0	0	-0.44	-0.45	0	0	0	0	0
7/13/2023 0:28	40101 HUNT_T2	1	4	3	0.4	0.4	0	-0.45	-0.43	0	0	0	0	0
7/13/2023 0:28	28403 HART_T2	0	1	1	0	0	0	-0.61	-0.55	1	1	0	900	900
7/13/2023 0:28	65604 QVIL_T2	0	0	0	0	0	0	0.4	0.38	0	0	0	0	0
7/13/2023 0:28	48901 FOSP_T2	0	0	0	0	0	0	-0.35	-0.35	1	1	0	600	600
7/13/2023 0:28	44502 HAMI_T2	1	1	0	2.6	2.8	0.2	-0.7	-0.73	0	0	0	0	0
7/13/2023 0:28	29402 BELT_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
7/13/2023 0:28	53902 HALI_T2	0	0	0	0	0	0	-0.86	-0.92	0	0	0	0	0
7/13/2023 0:28	52502 PROG_T2	0	0	0	0	0	0	-0.36	-0.32	1	1	0	900	900
7/13/2023 0:28	61202 REIN_T1	0	0	0	0	0	0	0	0	1	1	0	900	900
7/13/2023 0:28	65901 SAKR_T2	0	0	0	0	0	0	-2.22	-2.32	2	2	0	1800	1800
7/13/2023 0:28	40502 CRES_T2	4	0	-4	0.15	0	-0.15	0	0	0	0	0	0	0
7/13/2023 0:28	64101 REFR_T1	0	0	0	0	0	0	0.44	0.45	0	0	0	0	0
7/13/2023 0:28	12701 MACU_T1	0	0	0	0	0	0	-0.97	-1	1	1	0	1200	1200
7/13/2023 0:28	52401 GRPA_T2	0	0	0	0	0	0	-0.44	-0.45	0	0	0	0	0
7/13/2023 0:28	10805 CHHI_T2	1	1	0	8.6	8.4	-0.2	-1.78	-1.66	2	2	0	1200	1200
7/13/2023 0:28	14403 SSLA_T1	0	0	0	0	0	0	0.96	0.91	0	0	0	0	0
7/13/2023 0:38	47101 MARL_T1	0	0	0	0	0	0	-0.6	-0.65	0	0	0	0	0
7/13/2023 7:53	24105 EHAZ_T1	4	5	1	5.43	5.45	0.02	0	0	0	0	0	0	0
7/13/2023 8:09	56801 BENV_T1	22	27	5	0.99	1	0.01	-0.62	-0.61	1	1	0	600	600
7/13/2023 8:23	66505 SMAN_T2	0	1	1	0	0	0	0	0	0	0	0	0	0
7/13/2023 8:25	44502 HAMI_T2	1	4	0	2.6	2.3	-0.3	-0.58	-0.58	0	0	0	0	0
7/13/2023 8:39	15204 SFAR_T2	0	0	0	0	0	0	0.65	0.65	0	0	0	0	0
7/13/2023 8:47	58401 MORO_T1	1	1	0	1.2	0	-1.2	0	0	0	0	0	0	0
7/13/2023 8:56	15204 SFAR_T2	0	0	0	0	0	0	0.65	0.7	0	0	0	0	0
7/13/2023 9:06	15204 SFAR_T2	0	0	0	0	0	0	0.7	0.71	0	0	0	0	0
7/13/2023 9:11	52402 GRPA_T2	0	2	2	0	0.15	0.15	0	0	0	0	0	0	0
7/13/2023 9:22	15203 SFAR_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
7/13/2023 9:28	52402 GRPA_T2	2	0	-2	0.15	0	-0.15	0	0	0	0	0	0	0
7/13/2023 9:30	42002 MNVL_T2	1	1	0	4.2	4	-0.2	0	0	0	0	0	0	0
7/13/2023 9:32	43202 MVIL_T2	0	0	0	0	0	0	-0.5	-0.45	0	0	0	0	0
7/13/2023 9:36	29402 BELT_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
7/13/2023 9:36	25801 SUTR_T2	0	0	0	0	0	0	-0.93	-0.93	0	0	0	0	0
7/13/2023 9:38	66701 STRA_T1	1	0	-1	0.1	0	-0.1	0	0	0	0	0	0	0
7/13/2023 9:39	53601 DALM_T2	0	0	0	0	0	0	-0.24	-0.37	2	2	0	1500	1500
7/13/2023 9:42	58803 COCO_T1	1	2	1	1	1.7	0.7	0.49	-0.66	0	0	0	0	0
7/13/2023 9:42	40901 JESH_T1	1	1	0	1.6	1.5	-0.1	0	0	0	0	0	0	0
7/13/2023 9:43	26401 INOR_T1	1	3	2	0	0	0	0	0	0	0	0	0	0
7/13/2023 9:45	44203 POIN_T2	5	2	-3	0.4	0.5	0.1	0.62	0.25	2	2	0	2100	2100
7/13/2023 9:46	65503 MOJO_T2	0	0	0	0	0	0	-0.21	-0.02	1	1	0	900	900
7/13/2023 9:48	41903 REED_T1	4	4	0	0.18	0.48	0.3	0	0	0	0	0	0	0
7/13/2023 9:53	20401 ASHF_T2	0	1	1	0	0.1	0.1	0	0	0	0	0	0	0
7/13/2023 9:54	24101 EHAZ_T1	9	22	13	0.64	0	-0.64	0.8	0.81	2	2	0	1200	1200
7/13/2023 10:00	64201 KINZ_T1	0	0	0	0	0	0	-0.91	-0.8	4	4	0	2700	2700
7/13/2023 10:00	20402 ASHF_T2	6	6	0	0.15	2.23	2.08	0	0	0	0	0	0	0
7/13/2023 10:00	12605 MACA_T1	0	1	1	0	0.1	0.1	0	0	0	0	0	0	0
7/13/2023 10:00	52503 PROG_T2	0	0	0	0	0	0	-0.25	-0.22	1	1	0	900	900
7/13/2023 10:00	67604 WARW_T1	0	1	1	0	0	0	0.42	0.46	0	0	0	0	0
7/13/2023 10:00	66505 SMAN_T2	0	2	2	0	0.3	0.3	0.32	0.42	3	4	1	2100	2300
7/13/2023 10:00	56601 HAMP_T1	1	38	37	0.2	0.23	0.03	0.3	0.2	0	0	0	0	0
7/13/2023 10:00	64801 MONE_T2	0	0	0	0	0	0	0.69	0.74	0	0	0	0	0
7/13/2023 10:08	43304 WATS_T2	0	0	0	0	0	0	-0.54	-0.55	1	1	0	600	600
7/13/2023 10:10	53502 EVIL_T2	0	1	1	0	0	0	0	0	0	0	0	0	0
7/13/2023 10:10	56801 BENV_T1	2	2	0	0.25	0.8	0.55	0	0	0	0	0	0	0
7/13/2023 10:11	28403 HART_T2	0	0	0	0	0	0	-0.44	-0.43	1	1	0	900	900
7/13/2023 10:14	64202 KINZ_T1	1	1	0	1.1	0.3	-0.8	0	0	0	0	0	0	0
7/13/2023 10:18	58401 MORO_T1	1	0	-1	0.8	0	-0.8	0	0	0	0	0	0	0
7/13/2023 10:21	28604 BLYT_T2	0	0	0	0	0	0	-0.97	-0.94	0	0	0	0	0
7/13/2023 10:26	45802 HEGI_T2	0	4	4	0	0	0	0.41	0.44	2	2	0	1200	1200
7/13/2023 10:26	10602 BLGL_T2	1	5	4	7.4	2.47	-4.93	1.75	1.89	0	0	0	0	0
7/13/2023 10:28	64204 KINZ_T1	1	2	1	0.7	0.7	0	0	0	0	0	0	0	0
7/13/2023 10:33	52502 PROG_T2	0	0	0	0	0	0	-0.16	-0.1	1	1	0	900	900
7/13/2023 10:33	56504 ROCK_T2	0	0	0	0	0	0	-0.78	-0.75	0	0	0	0	0
7/13/2023 10:37	66501 SMAN_T2	0	1	1	0	0.1	0.1	0	0	0	0	0	0	0
7/13/2023 10:37	42601 TUSC_T1	0	2	2	0	0	0	0.27	-0.33	2	3	1	1800	2400
7/13/2023 10:39	56803 BENV_T1	5	1	-4	1.06	0	-1.06	0.34	0.32	1	1	0	600	600
7/13/2023 10:40	53501 EVIL_T2	0	4	4	0	0	0	1.86	1.75	4	4	0	2700	2700
7/13/2023 10:40	45602 WOOL_T1	0	0	0	0	0	0	0.98	0.99	0	0	0	0	0
7/13/2023 10:47	48302 ORWI_T2	2	2	0	0.35	0.25	-0.1	-0.31	-0.29	0	0	0	0	0
7/13/2023 10:49	56504 ROCK_T2	0	0	0	0	0	0	-0.81	-0.8	0	0	0	0	0
7/13/2023 10:49	60501 NMAN_T2	3	3	0	3.53	3.33	-0.2	0	0	0	0	0	0	0
7/13/2023 10:51	52502 PROG_T2	0	1	1	0	0	0	0	-0.01	1	1	0	900	900
7/13/2023 10:51	16302 ALPA_T2	0	0	0	0	0	0	0.08	0.11	0	0	0	0	0
7/13/2023 10:51	29402 BELT_T1	6	6	0	0	0.32	0.32	0	0	0	0	0	0	0
7/13/2023 10:52	55101 WERT_T1	1	3	2	0.6	0.3	-0.3	-1.74	-1.85	4	4	0	3300	3300
7/13/2023 10:53	60803 BUCK_T1	0	0	0	0	0	0	-0.64	-0.62	1	1	0	600	600
7/13/2023 10:57	53502 EVIL_T2	1	1	0	0.2	0.1	-0.1	0	0	0	0	0	0	0
7/13/2023 10:57	11101 EGYP_T1	4	4	0	1.15	1.15	0	0	0	0	0	0	0	0
7/13/2023 11:06	29401 BELT_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
7/13/2023 11:06	55101 WERT_T1	3	1	-2	0.37	0	-0.37	-1.85	-1.87	4	4	0	3300	3300
7/13/2023 11:07	56802 BENV_T2	0	1	1	0	0.4	0.4	-0.76	-0.79	0	0	0	0	0
7/13/2023 11:08	60803 BUCK_T1	0	1	1	0	0	0	-0.62	-0.59	1	1	0	600	600
7/13/2023 11:11	11102 EGYP_T1	12	12	0	0.96	1.1	0.14	0	0	0	0	0	0	0
7/13/2023 11:11	10805 CHHI_T2	7	4	-3	1.79	4.75	2.96	-1.11	-1.02	2	2	0	1800	1800
7/13/2023 11:11	52404 GRPA_T2	0	1	1	0	0	0	0	0	0	0	0	0	0
7/13/2023 11:14	47101 MARL_T1	2	25	23	0.2	0.14	-0.06	-0.13	-0.11	1	1	0	600	600
7/13/2023 11:14	48901 FOSP_T2	0	0	0	0	0	0	0.14	0.24	1	1	0	600	600
7/13/2023 11:15	40101 HUNT_T2	187	204	17	0.59	0.53	-0.06	-0.21	-0.19	0	0	0	0	0
7/13/2023 11:17	52502 PROG_T2	0	0	0	0	0	0	-0.01	0.04	1	1	0	900	900
7/13/2023 11:22	55101 WERT_T1	1	0	-1	0.3	0	-0.3	-1.87	-1.66	4	4	0	3300	3300
7/13/2023 11:24	10805 CHHI_T2	2	9	7	4.95	9.2	4.25	-1.02	-0.94	2	2	0	1800	1800
7/13/2023 11:26	48901 FOSP_T2	0	0	0	0	0	0	0.24	0.23	1	1	0	600	600
7/13/2023 11:28	52403 GRPA_T2	2	2	0	1.55	0.7	-0.85	-0.41	-0.44	0	0	0	0	0
7/13/2023 11:29	40101 HUNT_T2	187	204	17	0.59	0.53	-0.06	-0.19	-0.66	0	0	0	0	0
7/13/2023 11:34	59202 THOM_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
7/13/2023 11:37	55101 WERT_T1	0	18	18	0	0	0	-1.66	-1.57	4	4	0	3300	3300
7/13/2023 11:43	63402 HONY_T2	0	1	1	0	0.1	0.1	0	0	0	0	0	0	0
7/13/2023 11:43	48902 FOSP_T2	0	0	0	0	0	0	0.19	0.31	0	0	0	0	0
7/13/2023 11:53	55101 WERT_T1	0	18	18	0	0.33	0.33	-1.57	-1.52	4	4	0	3300	3300
7/13/2023 11:56	52404 GRPA_T2	0	3	3	0	0	0	0	0	0	0	0	0	0
7/13/2023 11:59	40901 JESH_T1	1	1	0	1.4	1.7	0.3	0	0	0	0	0	0	0
7/13/2023 12:09	60101 COCA_T1	0	2	2	0	0.45	0.45	-0.14	-0.17	1	1	0	1200	1200
7/13/2023 12:13	52403 GRPA_T2	3	2	-1	1.1	0.4	-0.7	-0.41	-0.39	0	0	0	0	0
7/13/2023 12:36	65902 SAKR_T2	0	0	0	0	0	0	-0.83	-0.66	2	2	0	1200	1200
7/13/2023 12:57	46301 ROHR_T1	1	2	1	0.1	0.5	0.4	0	0	0	0	0	0	0
7/13/2023 13:19	47401 PENS_T1	4	8	4	0.35	0.54	0.19	0.89	0.92	0	0	0	0	0
7/13/2023 13:33	65901 SAKR_T2	0	4	4	0	0	0	-0.37	-0.27	2	2	0	1500	1500
7/13/2023 13:33	64101 REFR_T1	0	0	0	0	0	0	0.15	0.19	0	0	0	0	0
7/13/2023 13:33	47403 PENS_T1	1	1	0	1.6	1.8	0.2	0	0	0	0	0	0	0
7/13/2023 13:43	41801 GOCI_T2	2	2	0	0.35	0.6	0.25	0	0	0	0	0	0	0
7/13/2023 13:46	44505 HAMI_T2	1	11	10	1	0.7	-0.3	0	0	0	0	0	0	0
7/13/2023 13:48	66703 STRA_T1	0	3	3	0	0	0	0.19	0.19	0	0	0	0	0
7/13/2023 13:49	65604 QVIL_T2	4	26	22	0.43	0.73	0.3	0.21	0.54	0	0	0	0	0
7/13/2023 13:49	65904 SAKR_T2	1	0	-1	0.2	0	-0.2	0	0	0	0	0	0	0
7/13/2023 13:53	55101 WERT_T1	141	53	-88	0.99	0.8	-0.19	-1.77	-1.75	4	4	0	3300	3300
7/13/2023 14:01	44505 HAMI_T2	5	12	7	0.8	0.68	-0.12	0	0	0	0	0	0	0
7/13/2023 14:04	66703 STRA_T1	2	2	0	0.45	0.1	-0.35	0.15	-0.33	0	0	0	0	0
7/13/2023 14:05	64101 REFR_T1	0	0	0	0	0	0	0.18	0.23	0	0	0	0	0
7/13/2023 14:06	54001 SDLE_T1	2	2	0	1.25	0.65	-0.6	0	0	1	1	0	600	600
7/13/2023 14:07	44502 HAMI_T2	1	1	0	1.1	1.1	0	-0.2	-0.17	0	0	0	0	0
7/13/2023 14:10	42701 AUGU_T1	4	3	-1	0.35	0.37	0.

Appendix C - Grid Benefits Achieved in Each Instance of Active Management

7/13/2023 15:39	42701 AUGU_T1	3	18	15	1.13	0.48	-0.65	0	0	2	2	0	1800	1800	0
7/13/2023 15:44	59302 MCAL_T1	56	67	11	1.56	1.84	0.28	0	0	0	0	0	0	0	0
7/13/2023 15:46	63401 HONY_T1	0	1	1	0	0	0	0.56	0.35	1	1	0	600	600	0
7/13/2023 15:48	65602 QVIL_T2	4	3	-1	0.93	1.35	0.42	0	0	0	0	0	0	0	0
7/13/2023 15:52	42701 AUGU_T1	14	31	17	0.56	0.46	-0.1	0	0	2	2	0	1800	1800	0
7/13/2023 16:04	42201 SHEN_T2	0	0	0	0	0	0	0.57	0.51	1	1	0	600	600	0
7/13/2023 16:12	42701 AUGU_T1	17	56	39	0.54	0.5	-0.04	0	0	2	2	0	1800	1800	0
7/13/2023 16:18	13704 SCHN_T2	1	3	2	0.1	0.6	0.5	0.13	0.1	0	0	0	0	0	0
7/13/2023 16:20	43304 WATS_T2	36	37	1	0.56	0.54	-0.02	-0.72	-0.72	1	1	0	600	600	0
7/13/2023 16:29	53901 HALI_T2	1	7	6	0.1	0.2	0.1	0.8	0.79	0	0	0	0	0	0
7/13/2023 16:31	45002 LIME_2	1	2	1	0.4	0.3	-0.1	0	0	0	0	0	0	0	0
7/13/2023 16:45	53901 HALI_T2	3	17	14	0.13	0.1	-0.03	0.79	0.84	0	0	0	0	0	0
7/13/2023 16:50	56504 ROCK_T2	20	23	3	0.79	0.13	-0.66	-0.22	-0.28	0	0	0	0	0	0
7/13/2023 16:54	66503 SMAN_T2	47	47	0	0.56	0.53	-0.03	1.4	1.35	0	0	0	0	0	0
7/13/2023 17:32	23401 HONE_T2	11	52	41	0.63	0.61	-0.02	0.25	0.27	0	0	0	0	0	0
7/13/2023 17:32	12701 MACU_T1	129	186	57	0.76	1.08	0.32	-0.45	-0.4	1	1	0	1200	1200	0
7/13/2023 17:35	40601 PIGR_T1	0	14	8	0.38	0.45	0.07	0	0	0	0	0	0	0	0
7/13/2023 17:38	14703 TREX_T2	0	1	1	0	0.4	0.4	0	0	0	0	0	0	0	0
7/13/2023 17:44	14703 TREX_T2	0	1	1	0	0.4	0.4	0	0	0	0	0	0	0	0
7/13/2023 17:46	13101 NHAM_T1	81	54	-27	0.7	0.6	-0.1	-1.71	-1.71	3	3	0	3000	3000	0
7/13/2023 19:29	14702 TREX_T2	0	0	0	0	0	0	1.51	1.39	0	0	0	0	0	0
7/13/2023 19:44	14703 TREX_T2	1	1	0	0.4	0.7	0.3	0	0	0	0	0	0	0	0
7/13/2023 20:21	28604 BLYT_T2	0	0	0	0	0	0	-0.88	-0.9	0	0	0	0	0	0
7/13/2023 20:32	52502 PROG_T2	1	1	0	2	0	-2	0.59	0.52	1	1	0	900	900	0
7/13/2023 21:09	29401 BELT_T1	0	0	0	0	0	0	0	0	1	1	0	900	900	0
7/13/2023 21:11	56802 BENV_T2	0	0	0	0	0	0	-0.59	-0.61	0	0	0	0	0	0
7/13/2023 21:13	40101 HUNT_T2	41	68	27	0.89	0.66	-0.23	-1.07	-1.04	0	0	0	0	0	0
7/13/2023 22:01	14702 TREX_T2	0	0	0	0	0	0	1.39	1.42	0	0	0	0	0	0
7/13/2023 22:27	14702 TREX_T2	0	0	0	0	0	0	1.45	1.31	0	0	0	0	0	0
7/13/2023 22:33	14702 TREX_T2	0	0	0	0	0	0	1.45	1.31	0	0	0	0	0	0
7/13/2023 22:38	41801 GOCI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
7/13/2023 22:40	56504 ROCK_T2	2	0	-2	0.25	0	-0.25	0	0	0	0	0	0	0	0
7/13/2023 22:44	40602 PIGR_T1	1	0	-1	0.2	0	-0.2	-1.14	-1.2	1	1	0	600	600	0
7/13/2023 22:52	43304 WATS_T2	1	2	1	0.9	0.1	-0.8	-0.35	-0.37	0	0	0	0	0	0
7/14/2023 0:07	14702 TREX_T2	0	0	0	0	0	0	1.01	1.05	0	0	0	0	0	0
7/14/2023 0:28	65903 SAKR_T2	1	1	0	1.1	1.8	0.7	0	0	0	0	0	0	0	0
7/14/2023 0:28	42701 AUGU_T1	0	1	1	0	0.1	0.1	0	0	10	10	0	9000	9000	0
7/14/2023 0:28	65603 QVIL_T2	1	1	0	9.1	8.9	-0.2	0	0	0	0	0	0	0	0
7/14/2023 0:28	64202 KINZ_T1	1	0	-1	0.1	0	-0.1	0	0	0	0	0	0	0	0
7/14/2023 0:28	48901 FOSP_T2	0	0	0	0	0	0	-0.96	-1.02	3	3	0	1800	1800	0
7/14/2023 0:28	11104 EGYP_T1	0	0	0	0	0	0	1	1	0	0	0	0	0	0
7/14/2023 0:28	43304 WATS_T2	0	0	0	0	0	0	-1.67	-1.75	0	0	0	0	0	0
7/14/2023 0:28	46001 BERW_T1	0	0	0	0	0	0	0.13	0.06	0	0	0	0	0	0
7/14/2023 0:28	25402 LAHA_T2	0	0	0	0	0	0	-0.7	-0.7	0	0	0	0	0	0
7/14/2023 0:28	60801 BUCK_T1	4	35	31	0.1	0.27	0.17	0	0	0	0	0	0	0	0
7/14/2023 0:28	59202 THOM_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
7/14/2023 0:28	45003 LIME_2	2	2	0	2.55	2.9	0.35	0	0	1	1	0	1200	1200	0
7/14/2023 0:28	48303 ORWI_T2	0	1	1	0	0	0	0	0	0	0	0	0	0	0
7/14/2023 0:28	66503 SMAN_T2	1	0	-1	0.2	0	-0.2	0.94	0.93	0	0	0	0	0	0
7/14/2023 0:28	66503 SMAN_T2	0	0	-1	0.2	0	-0.2	0.94	0.93	0	0	0	0	0	0
7/14/2023 0:28	45602 WOOL_T1	0	0	0	0	0	0	0.76	0.79	0	0	0	0	0	0
7/14/2023 0:28	63402 HONY_T2	1	1	0	1	0.8	-0.2	0	0	0	0	0	0	0	0
7/14/2023 0:28	52402 GRPA_T2	0	1	1	0	0.4	0.4	0	0	0	0	0	0	0	0
7/14/2023 0:28	10602 BLGI_T2	1	1	0	8	8.4	0.4	0.57	0.55	0	0	0	0	0	0
7/14/2023 0:28	42201 SHEN_T2	0	0	0	0	0	0	0.12	0.13	1	1	0	600	600	0
7/14/2023 0:28	11102 EGYP_T1	0	0	0	0	0	0	0.09	0.04	0	0	0	0	0	0
7/14/2023 0:28	58402 MORO_T1	0	0	0	0	0	0	-1.52	-1.52	3	3	0	2400	2400	0
7/14/2023 0:28	48902 FOSP_T2	0	0	0	0	0	0	-1.11	-1.2	0	0	0	0	0	0
7/14/2023 0:28	64202 KINZ_T1	1	0	-1	0.1	0	-0.1	0	0	0	0	0	0	0	0
7/14/2023 0:28	53901 HALI_T2	0	1	1	0	0.3	0.3	-2.98	-3.02	0	0	0	0	0	0
7/14/2023 0:28	41901 REED_T1	0	2	2	0	0.25	0.25	0	0	0	0	0	0	0	0
7/14/2023 0:28	28403 HART_T2	0	0	0	0	0	0	-0.76	-0.75	1	1	0	900	900	0
7/14/2023 0:28	10805 CHNI_T2	1	1	0	9	9	0	-1.52	-1.36	2	2	0	1200	1200	0
7/14/2023 0:28	23401 HONE_T2	0	0	0	0	0	0	-0.12	-0.09	0	0	0	0	0	0
7/14/2023 0:28	47401 PENS_T1	0	0	0	0	0	0	0.72	0.96	0	0	0	0	0	0
7/14/2023 0:28	56803 BENV_T1	0	0	0	0	0	0	-0.56	-0.64	2	2	0	1200	1200	0
7/14/2023 0:28	44502 HAMI_T2	1	1	0	2.6	2.9	0.3	-1.1	-1.16	0	0	0	0	0	0
7/14/2023 0:28	29402 BELT_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
7/14/2023 0:28	12701 MACU_T1	0	0	0	0	0	0	-0.86	-0.88	1	1	0	1200	1200	0
7/14/2023 0:28	66703 STRA_T1	4	6	2	0.2	0.48	0.28	-0.91	-1	0	0	0	0	0	0
7/14/2023 0:28	52002 LING_T2	0	0	0	0	0	0	-0.53	-0.58	0	0	0	0	0	0
7/14/2023 0:28	26402 INOR_T1	21	26	5	0.22	0.29	0.07	-1.11	-1.07	0	0	0	0	0	0
7/14/2023 0:28	52403 GRPA_T2	0	0	0	0	0	0	-2.68	-2.76	0	0	0	0	0	0
7/14/2023 0:28	58803 COCO_T1	1	2	1	1.2	0.8	-0.4	-0.54	-0.62	0	0	0	0	0	0
7/14/2023 0:28	60101 COCA_T1	0	0	0	0	0	0	-0.56	-0.54	1	1	0	1200	1200	0
7/14/2023 0:28	57304 MOAI_T2	0	1	1	0	0.2	0.2	-1.14	-0.96	0	0	0	0	0	0
7/14/2023 0:28	40903 JESH_T1	0	1	1	0	0	0	0	0	0	0	0	0	0	0
7/14/2023 0:28	64101 REFR_T1	0	0	0	0	0	0	0.6	0.61	0	0	0	0	0	0
7/14/2023 0:28	60502 NMAN_T2	0	0	0	0	0	0	0.1	0.05	0	0	0	0	0	0
7/14/2023 0:28	52502 PROG_T2	0	0	0	0	0	0	-0.11	-0.26	3	3	0	2700	2700	0
7/14/2023 0:28	64801 MONE_T2	0	0	0	0	0	0	-0.1	-0.23	0	0	0	0	0	0
7/14/2023 0:28	16302 ALPA_T2	0	0	0	0	0	0	-0.31	-0.28	0	0	0	0	0	0
7/14/2023 0:28	63404 HONY_T1	2	2	0	7.75	7.45	-0.3	0	0	0	0	0	0	0	0
7/14/2023 0:28	45802 HEGI_T2	0	0	0	0	0	0	0.5	0.39	1	1	0	300	300	0
7/14/2023 0:28	13101 NHAM_T1	0	0	0	0	0	0	-1.66	-1.68	2	2	0	2100	2100	0
7/14/2023 0:28	16505 STRO_T1	0	0	0	0	0	0	0.34	0.34	0	0	0	0	0	0
7/14/2023 0:28	44802 EDAN_T2	0	0	0	0	0	0	-4.48	-6.02	0	2	2	0	2400	2400
7/14/2023 0:28	13704 SCHN_T2	0	0	0	0	0	0	0.16	0.2	0	0	0	0	0	0
7/14/2023 0:28	42601 TUSC_T1	0	0	0	0	0	0	-0.14	-0.1	2	2	0	1800	1800	0
7/14/2023 0:28	46302 ROHR_T1	3	3	0	0.33	0.9	0.57	-0.33	-0.34	0	0	0	0	0	0
7/14/2023 0:28	59101 WALK_T2	1	0	-1	0.8	0	-0.8	2.16	1.78	6	6	0	3150	3150	0
7/14/2023 0:28	55101 WERT_T1	0	0	0	0	0	0	-8.91	-8.96	15	15	0	12000	12000	0
7/14/2023 0:28	54001 SDLE_T1	0	1	1	0	0.2	0.2	0	0	1	1	0	600	600	0
7/14/2023 0:28	17805 GILB_T2	0	0	0	0	0	0	0.19	0.19	0	0	0	0	0	0
7/14/2023 0:28	56501 ROCK_T2	0	1	1	0	0.1	0.1	0	0	0	0	0	0	0	0
7/14/2023 0:28	47101 MARL_T1	6	0	-6	0.5	0	-0.5	-1.03	-0.98	1	1	0	600	600	0
7/14/2023 0:28	53501 EVIL_T2	1	1	0	0.2	0.2	0	-2.65	-2.55	3	3	0	1800	1800	0
7/14/2023 0:28	40101 HUNT_T2	1	35	34	0.3	0.24	-0.06	-0.9	-0.94	0	0	0	0	0	0
7/14/2023 0:28	15803 WGAT_T1	1	1	0	4.3	4.2	-0.1	0	0	0	0	0	0	0	0
7/14/2023 0:28	13702 SCHN_T1	0	0	0	0	0	0	1.05	1	0	0	0	0	0	0
7/14/2023 0:28	59301 MCAL_T1	0	2	2	0	0.2	0.2	-1.39	-1.38	0	0	0	0	0	0
7/14/2023 4:00	14702 TREX_T2	0	0	0	0	0	0	0.88	0.8	0	0	0	0	0	0
7/14/2023 4:48	14702 TREX_T2	0	0	0	0	0	0	0.77	0.75	0	0	0	0	0	0
7/14/2023 6:12	14702 TREX_T2	0	0	0	0	0	0	0.65	0.64	0	0	0	0	0	0
7/14/2023 6:33	14702 TREX_T2	0	0	0	0	0	0	0.64	0.66	0	0	0	0	0	0
7/14/2023 6:54	14702 TREX_T2	0	0	0	0	0	0	0.67	0.72	0	0	0	0	0	0
7/14/2023 7:57	45802 HEGI_T2	1	1	0	0.2	0	-0.2	0.59	0.7	1	1	0	300	300	0
7/14/2023 7:57	24101 EHAZ_T1	0	29	29	0	0.22	0.22	1.29	1.26	2	2	0	1200	1200	0
7/14/2023 7:58	44502 HAMI_T2	1	1	0	1.7	1.8	0.1	-0.51	-0.46	0	0	0	0	0	0
7/14/2023 8:16	58401 MORO_T1	0	1	1	0	0	0	0	0	0	0	0	0	0	0
7/14/2023 8:16	13101 NHAM_T1	0	0	0	0	0	0	-1.29	-1.33	2	2	0	2100	2100	0
7/14/2023 8:20	15203 SFAR_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
7/14/2023 8:32	58402 MORO_T1	0	0	0	0	0	0	-1.38	-1.4	3	3	0	2400	2400	0
7/14/2023 8:34	15204 SFAR_T2	0	0	0	0	0	0	0.52	0.52	0	0	0	0	0	0
7/14/2023 8:37	66505 SMAN_T2	1	1	0	1.1	0.4	-0.7	0	0	0	0	0	0	0	0
7/14/2023 8:49	15204 SFAR_T2	0	0	0	0	0	0	0.52	0.56	0	0	0	0	0	0
7/14/2023 9:04	15204 SFAR_T2	0	0	0	0	0	0	0.56	0.59	0	0	0	0	0	0
7/14/2023 9:08	14702 TREX_T2	0	0	0	0	0	0	1.07	0.91	0	0	0	0	0	0
7/14/2023 9:08	29401 BELT_T1	3	32	29	0.1	0.18	0.08	0	0	1	0	-1	900	0	-900
7/14/2023 9:09	62102 ELAN_T1	0	0	0	0	0	0	1.39	1.41	0	0	0	0	0	0
7/14/2023 9:19	15203 SFAR_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
7/14/2023 9:22	55101 WERT_T1	2	2	0	0.1	0	-0.1	-1.3	-1.84	4	4	0	3300	3300	0
7/14/2023 9:27	44505 HAMI_T2	4	4	0	0.55	0.33	-0.22	0	0	0	0	0	0	0	0
7/14/2023 9:30	43202 MVIL_T2	0	0	0	0	0	0	-0.5	-0.46	0	0	0	0	0	0
7/14/2023 9:37	42201 SHEN_T2	0	0	0	0	0	0	0.02	0.2	1	1	0	600	600	0
7/14/2023 9:40	58803 COCO_T1	2	2	0	1.65	1.35	-0.3	-0.5	-0.43	0	0	0	0	0	0
7/14/2023 9:41	53601 DALM_T2	0	0	0	0	0	0	-0.31	-0.42	2	2	0	1500	1500	0
7/14/2023 9:44	65503 MOJO_T2	0	0	0	0	0	0	-0.11	0.06	1	1	0	900	900	0
7/14/2023 9:46	41903 REED_T1	4	4	0	0.48	0.3	-0.18	0	0	0	0	0	0	0	0
7/14/2023 9:52	67204 TEHI_T2	0	0	0	0	0	0	-0.05	0	0	0	0	0	0	0
7/14/2023 9:53	43304 WATS_T2	0	0	0	0	0	0	-0.62	-0.65	1	1	0	600	600	0
7/14/2023 9:54	60101 COCA_T1	0	1	1	0	0	0	-0.3	-0.27	1	1	0	1200	1200	0
7/14/2023 9:56	52401 GRPA_T2	0	0	0	0	0	0	-0.24	-0.26	0	0	0	0	0	0
7/14/2023 9:57	40902 JESH_T1	0	0	0	0	0	0	0.24	0.19	2	2	0	1200	1200	0
7/14/2023 10:00	52503 PROG_T2	0	0	0	0	0	0	-0.1	-0.08	1	1	0	900	900	0
7/14/2023 10:00	20403 ASHF_T2	1	12	11	0.1	0.23	0.13	0	0	0	0	0	0	0	0
7/14/2023 10:00	12605 MACA_T1	0	1	1	0	0	0	0	0	0	0	0	0	0	0
7/14/2023 10:00	41903 REED_T1	1	4	3	0.3	0.35	0.05	0	0	0	0	0	0	0	0
7/14/2023 10:00	66504 SMAN_T2	2	2	0	0.45	0	-0.45	0	0	0	0	0	0	0	0
7/14/2023 10:00	41902 REED_T1	1	2	1	0.6	0.7	0.1	0.6	0.54	1	1	0	900	900	0
7/14/2023 10:00	67604 WARW_T1	0	0	0	0	0	0	0.47	0.49	0	0	0	0	0	0
7/14/2023 10:00	56601 HAMP_T1	1	8	7	0.7	0.24	-0.46	0.26	0.22	0	0	0	0	0	0
7/14/2023 10:00	64801 MONE_T2	0	0	0	0	0	0	0.84	0.83	0	0	0	0	0	0
7/14/2023 10:00	15604 NSTR_T1	0	0	0	0	0	0	0.33	0.33	0	0	0	0	0	0
7/14/2023 10:00	10602 BLGI_T2	1	3	2	7.7	7	-0.7	0.74	1.19	0	0	0	0	0	0
7/14/2023 10:06	29402 BELT_T1	0	43	43	0	0.4	0.4	0	0	0	0	0	0	0	0
7/14/2023 10:08	20401 ASHF_T2	0	1	1	0	0	0	0	0	0	0	0	0	0	0
7/14/2023 10:09	67204 TEHI_T2	0	0	0	0	0	0	0	-0.01	0	0	0	0	0	0
7/14/2023 10:09	53502 EVIL_T2	1	1	0	1.8	0	-1.8	0	0	0	0	0	0	0	0
7/14/2023 10:11	52402 GRPA_T2	0	2	2	0	0	0	0	0	0	0	0	0	0	0
7/14/2023 10:13	63402 HONY_T2	0	1	1	0	0.2	0.2	0	0	0	0	0	0	0	0
7/14/2023 10:15	28403 HART_T2	0	0	0	0	0	0	-0.68	-0.64	1	1	0	900	900	0
7/14/2023 10:18	46302 ROHR_T1	3	5	2	0.6	0.25	-0.35	-0.28	-0.28	0	0	0	0	0	0
7/14/2023 10:19	17803 GILB_T2	1	0	-1	0.1	0	-0.1	0	0	0	0	0	0	0	0
7/14/2023 10:20	25801 SUTR_T2	0	0	0	0	0	0	-1.02	-1.01	0	0	0	0	0	0
7/14/2023 10:23	67502 WEWI_T2	0	0	0	0	0	0	-0.5	-0.5	1	1	0	900	900	0
7/14/2023 10:27	64203 KINZ_T1	2	25	23	1.65	1.15	-0.5	0.27	0.09	3	3	0	2100	2100	0
7/14/2023 10:31	28604 BLYT_T2	0	0	0	0	0	0	-0.96	-0.93	0	0	0	0	0	0
7/14/2023 10:32	56504 ROCK_T2	0	0	0	0	0	0	-0.58	-0.55	0	0	0	0	0	0
7/14/2023 10:32	45003 LIME_2	3	4	1	0.27	0.1	-0.17	0	0	0	0	0	0	0	0
7/14/2023 10:32	52502 PROG_T2	0	0	0	0	0	0	0.08	0.09	1	1	0	900	900	0
7/14/2023 10:33	65901 SAKR_T2	0	0	0	0	0	0	-0.68	-0.6	2	2	0	1500	1500	0
7/14/2023 10:36	56801 BENV_T1	3	2	-1	0.3	0.45	0.15	0	0	0	0	0	0	0	0
7/14/2023 10:38	42701 AUGU_T1	1	3	2	0.2	0.23	0.03	0	0	2	2	0	1800	1800	0
7/14/2023 10:39	29402 BELT_T1	29	12	-17	0.3	0.19	-0.11	0	0	0	0	0	0	0	0
7/14/2023 10:39	45602 WOOL_T1	0	1	1	0	7.7	7.7	0.93	0.95	0	0	0	0	0	0
7/14/2023 10:42	52404 GRPA_T2	0	1	1	0	0	0	0.36	0.65	0	0	0	0	0	0
7/14/2023 10:45	64801 MONE_T2	1	1	0	0.6	0.4	-0.2	-0.01	-0.01	0	0	0	0	0	0
7/14/2023 10:46	52502 PROG_T2	0	0	0	0	0	0	0.09	0.15	1	1	0	900	900	0
7/14/2023 10:48	60502 NMAN_T2	0	0	0	0	0	0	0.07	0.06	0	0	0	0	0	0
7/14/2023 10:48	47402 PENS_T1	0	2	2	0	0.9	0.9	0	0	0	0	0	0	0	0
7/14/2023 10:49	56803 BENV_T1	1	3	2	0.5	0.4	-0.1	-0.06	0.01	1	1	0	600	600	0
7/14/2023 10:49	66703 STRA_T1	0	0	0	0	0	0	-0.25	-0.2	0	0	0	0	0	0
7/14/2023 10:49	56504 ROCK_T2	0	0	0	0	0	0	-0.61	-0.56	0	0	0	0	0	0
7/14/2023 10:50	65901 SAKR_T2	0	0	0	0	0	0	-0.56	-0.57	2	2	0	1500	1500	0
7/14/2023 10:52	55101 WERT_T1	5	23	18	0.3	0.1	-0.2	-1.52	-1.71	4	4	0	3300	3300	0
7/14/2023 10:54	60803 BUCK_T1	0	0	0	0	0	0	-0.51	-0.46	1	1	0	600	600	0
7/14/2023 10:55	53502 EVIL_T2	0	1	1	0	0	0	0	0	0	0	0	0	0	0
7/14/2023 10:55	42701 AUGU_T1	3	4	1	0.33	0.4	0.07	0	0	2	2

Appendix C - Grid Benefits Achieved in Each Instance of Active Management

7/14/2023 17:14	55101 WERT_T1	54	17	-37	0.8	0.56	-0.24	-1.65	-1.7	4	4	0	3300	3300	0
7/14/2023 17:14	59101 WALK_T2	4	6	2	0.65	0.85	0.2	0.74	0.74	3	3	0	1650	1650	0
7/14/2023 17:15	44505 HAMI_T2	42	19	-23	0.51	0.63	0.12	0	0	0	0	0	0	0	0
7/14/2023 17:18	42701 AUGU_T1	57	44	-13	0.89	0.54	-0.35	0	0	2	2	0	1800	1800	0
7/14/2023 17:20	56803 BENV_T1	1	6	5	0.4	0.43	0.03	0.1	0.11	1	1	0	600	600	0
7/14/2023 17:21	16004 DORN_T1	0	0	0	0	0	0	-0.97	-0.94	2	2	0	2400	2400	0
7/14/2023 17:22	23401 HONE_T2	3	8	5	0.83	0.34	-0.49	0.23	0.22	0	0	0	0	0	0
7/14/2023 17:27	47401 PENS_T1	3	4	1	0.87	0.4	-0.47	0.61	0.59	0	0	0	0	0	0
7/14/2023 17:29	15204 SFAR_T2	0	0	0	0	0	0	1.28	1.27	0	0	0	0	0	0
7/14/2023 17:31	59101 WALK_T2	5	4	-1	0.98	0.73	-0.25	0.74	0.78	3	3	0	1650	1650	0
7/14/2023 17:32	66505 SMAN_T2	11	19	8	1.12	0.54	-0.58	0	0	0	0	0	0	0	0
7/14/2023 17:40	45802 HEGI_T2	0	17	17	0	0	0	0.82	0.75	1	1	0	300	300	0
7/14/2023 17:42	48302 ORWI_T2	1	32	31	0.2	0.26	0.06	-0.01	-0.03	0	0	0	0	0	0
7/14/2023 17:44	65503 MOJO_T2	0	0	0	0	0	0	-0.11	-0.02	1	1	0	900	900	0
7/14/2023 17:45	15204 SFAR_T2	0	0	0	0	0	0	1.27	1.28	0	0	0	0	0	0
7/14/2023 17:48	55101 WERT_T1	21	9	-12	0.66	0.16	-0.5	-1.57	-1.81	4	4	0	3300	3300	0
7/14/2023 17:53	16007 DORN_T1	1	1	0	0.3	0	-0.3	0	0	0	0	0	0	0	0
7/14/2023 17:53	45001 LIME_2	2	1	-1	0.4	0	-0.4	0	0	0	0	0	0	0	0
7/14/2023 18:00	15204 SFAR_T2	0	0	0	0	0	0	1.28	1.27	0	0	0	0	0	0
7/14/2023 18:19	15203 SFAR_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
7/14/2023 18:27	12704 MACU_T1	7	5	-2	0.76	0.17	-0.59	0	0	0	0	0	0	0	0
7/14/2023 19:29	44801 EDAN_T2	1	4	3	1.4	1.6	0.2	0.92	0.99	0	0	0	0	0	0
7/14/2023 19:49	60803 BUCK_T1	0	0	0	0	0	0	-0.49	-0.59	1	1	0	600	600	0
7/14/2023 20:05	66505 SMAN_T2	1	2	1	0.2	0.3	0.1	0.11	0.11	4	4	0	2300	2300	0
7/14/2023 20:09	29402 BELT_T1	123	182	59	1.11	1.28	0.17	0	0	0	0	0	0	0	0
7/14/2023 20:11	63403 HONY_T2	0	0	0	0	0	0	-1.08	-0.98	0	0	0	0	0	0
7/14/2023 20:12	53501 EVIL_T2	4	1	-3	0.5	0	-0.5	-0.71	-0.84	2	2	0	1200	1200	0
7/14/2023 20:15	52402 GRPA_T2	10	2	-8	0.44	0.4	-0.04	0	0	0	0	0	0	0	0
7/14/2023 20:15	28403 HART_T2	0	0	0	0	0	0	-0.37	-0.42	1	1	0	900	900	0
7/14/2023 20:17	46301 ROHR_T1	1	0	-1	0.1	0	-0.1	0	0	0	0	0	0	0	0
7/14/2023 20:18	17805 GILB_T2	0	2	2	0	0.1	0.1	-0.33	-0.36	0	0	0	0	0	0
7/14/2023 20:20	25801 SUTR_T2	0	0	0	0	0	0	-0.73	-0.7	0	0	0	0	0	0
7/14/2023 20:22	67502 WEWI_T2	1	0	-1	0.9	0	-0.9	-0.87	-0.89	1	1	0	900	900	0
7/14/2023 20:31	64202 KINZ_T1	1	1	0	0.6	0.4	-0.2	0	0	0	0	0	0	0	0
7/14/2023 20:32	65901 SAKR_T2	0	0	0	0	0	0	-0.49	-0.5	1	1	0	900	900	0
7/14/2023 20:36	56504 ROCK_T2	0	0	0	0	0	0	-0.41	-0.45	0	0	0	0	0	0
7/14/2023 20:37	45602 WOOL_T1	0	0	0	0	0	0	1.15	1.1	0	0	0	0	0	0
7/14/2023 20:38	29402 BELT_T1	169	188	19	1.31	1.23	-0.08	0	0	0	0	0	0	0	0
7/14/2023 20:45	52404 GRPA_T2	1	1	0	0.3	0.7	0.4	-0.29	-0.37	0	0	0	0	0	0
7/14/2023 20:49	56501 ROCK_T2	4	77	73	0.18	0.19	0.01	0	0	0	0	0	0	0	0
7/14/2023 20:49	44801 EDAN_T2	1	1	0	1.4	0.9	-0.5	0.9	0.88	0	0	0	0	0	0
7/14/2023 20:49	64801 MONE_T2	0	0	0	0	0	0	-0.01	-0.01	0	0	0	0	0	0
7/14/2023 20:51	52502 PROG_T2	0	0	0	0	0	0	0.32	0.26	1	1	0	900	900	0
7/14/2023 20:53	66703 STRA_T1	0	2	2	0	0.4	0.4	-0.61	-0.63	0	0	0	0	0	0
7/14/2023 20:58	53501 EVIL_T2	0	0	0	0	0	0	-0.9	-0.84	2	2	0	1200	1200	0
7/14/2023 21:00	28403 HART_T2	0	0	0	0	0	0	-0.45	-0.46	1	1	0	900	900	0
7/14/2023 21:03	65902 SAKR_T2	0	0	0	0	0	0	-0.85	-0.22	0	1	1	0	300	300
7/14/2023 21:10	10805 CHHI_T2	1	1	0	8.8	8.6	-0.2	-0.62	-0.73	1	1	0	600	600	0
7/14/2023 21:11	44504 HAMI_T2	0	1	1	0	0	0	0	0	0	0	0	0	0	0
7/14/2023 21:16	45003 LIME_2	1	1	0	1.8	2.3	0.5	0	0	1	1	0	1200	1200	0
7/14/2023 21:18	65604 QVIL_T2	0	0	0	0	0	0	0.94	0.87	0	0	0	0	0	0
7/14/2023 21:21	52502 PROG_T2	0	0	0	0	0	0	0.24	0.19	1	1	0	900	900	0
7/14/2023 21:23	49804 UNIV_T1	1	2	-1	0.3	0	-0.3	1.12	1.1	0	0	0	0	0	0
7/14/2023 21:24	11104 EGYP_T1	5	5	0	0.38	0.26	-0.12	0.81	0.74	0	0	0	0	0	0
7/14/2023 21:27	10805 CHHI_T2	1	10	9	8.7	8.6	-0.1	-0.73	-0.66	1	1	0	600	600	0
7/14/2023 21:30	52402 GRPA_T2	6	9	3	0.85	0.35	-0.5	0	0	0	0	0	0	0	0
7/14/2023 21:30	64201 KINZ_T1	0	1	1	0	0.1	0.1	-1.03	-1.06	2	2	0	2100	2100	0
7/14/2023 21:35	47401 PENS_T1	0	0	0	0	0	0	0.32	0.28	0	0	0	0	0	0
7/14/2023 21:41	53501 EVIL_T2	0	0	0	0	0	0	-0.96	-1.08	2	2	0	1200	1200	0
7/14/2023 21:42	48902 FOSP_T2	0	0	0	0	0	0	0.14	0.14	0	0	0	0	0	0
7/14/2023 22:01	15204 SFAR_T2	0	0	0	0	0	0	0.85	0.83	0	0	0	0	0	0
7/14/2023 22:08	15204 SFAR_T2	0	0	0	0	0	0	0.83	0.77	0	0	0	0	0	0
7/14/2023 22:15	15203 SFAR_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
7/14/2023 22:24	11104 EGYP_T1	0	0	0	0	0	0	0.63	0.61	0	0	0	0	0	0
7/14/2023 22:34	12701 MACU_T1	0	0	0	0	0	0	-0.83	-0.82	1	1	0	1200	1200	0
7/14/2023 22:36	16004 DORN_T1	0	0	0	0	0	0	-0.34	-0.41	1	1	0	1200	1200	0
7/14/2023 22:37	23401 HONE_T2	0	0	0	0	0	0	0.02	-0.04	0	0	0	0	0	0
7/14/2023 22:41	44501 HAMI_T2	3	0	-3	0.4	0	-0.4	0	0	0	0	0	0	0	0
7/14/2023 22:42	55101 WERT_T1	0	0	0	0	0	0	-1.8	-1.95	3	3	0	2700	2700	0
7/15/2023 0:28	60501 NMAN_T2	3	0	-3	4.67	4.53	-0.14	0	0	0	0	0	0	0	0
7/15/2023 0:28	41902 REED_T1	0	0	0	0	0	0	0.1	1.04	1	0	-1	900	0	-900
7/15/2023 0:28	27101 GFLD_T2	1	1	0	0	0	0	0.46	0.42	0	0	0	0	0	0
7/15/2023 0:28	15204 SFAR_T2	0	0	0	0	0	0	0.7	0.69	0	0	0	0	0	0
7/15/2023 0:28	66703 STRA_T1	0	0	0	0	0	0	0.08	0.15	0	0	0	0	0	0
7/15/2023 0:28	16004 DORN_T1	0	0	0	0	0	0	-0.59	-0.56	1	1	0	1200	1200	0
7/15/2023 0:28	66504 SMAN_T2	0	0	0	0	0	0	-2.04	-2.14	2	2	0	2400	2400	0
7/15/2023 0:28	47401 PENS_T1	0	0	0	0	0	0	0.16	0.06	0	0	0	0	0	0
7/15/2023 0:28	20403 ASHF_T2	0	0	0	0	0	0	0.46	0.4	0	0	0	0	0	0
7/15/2023 0:28	60803 BUCK_T1	0	1	1	0	0.2	0.2	-1.1	-1.18	1	1	0	600	600	0
7/15/2023 0:28	41901 REED_T1	11	8	-3	0.38	0.23	-0.15	-1.93	-1.95	1	1	0	900	900	0
7/15/2023 0:28	52502 PROG_T2	0	0	0	0	0	0	-0.25	-0.25	1	1	0	900	900	0
7/15/2023 0:28	45802 HEGI_T2	0	0	0	0	0	0	0.36	0.41	1	1	0	300	300	0
7/15/2023 0:28	40101 HUNT_T2	2	0	-2	0.2	0	-0.2	-0.46	-0.49	0	0	0	0	0	0
7/15/2023 0:28	15001 BLMO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
7/15/2023 0:28	10602 BLGI_T2	1	1	0	9.6	9.8	0.2	0.42	0.36	0	0	0	0	0	0
7/15/2023 0:28	43304 WATS_T2	0	0	0	0	0	0	-0.48	-0.47	0	0	0	0	0	0
7/15/2023 0:28	65503 MOJO_T2	0	0	0	0	0	0	-0.6	-0.58	1	1	0	900	900	0
7/15/2023 0:28	45003 LIME_2	1	1	0	2.8	3.4	0.6	0	0	1	1	0	1200	1200	0
7/15/2023 0:28	43202 MVIL_T2	0	0	0	0	0	0	-0.64	-0.65	0	0	0	0	0	0
7/15/2023 0:28	42701 AUGU_T1	0	0	0	0	0	0	0	0	2	2	0	1800	1800	0
7/15/2023 0:28	55101 WERT_T1	0	0	0	0	0	0	-5.27	-5.18	8	8	0	7200	7200	0
7/15/2023 0:28	64201 KINZ_T1	0	1	1	0	0.1	0.1	-0.26	-0.32	2	2	0	1200	1200	0
7/15/2023 0:28	48302 ORWI_T2	2	2	0	0.55	1.1	0.55	-0.59	-0.61	0	0	0	0	0	0
7/15/2023 0:28	28604 BLYT_T2	0	0	0	0	0	0	-1.25	-1.29	0	0	0	0	0	0
7/15/2023 0:28	56801 BENV_T1	17	21	4	0.79	1.34	0.55	0	0	0	0	0	0	0	0
7/15/2023 0:28	59101 WALK_T2	0	0	0	0	0	0	1.42	1.42	2	2	0	900	900	0
7/15/2023 0:28	52401 GRPA_T2	0	1	1	0	0.4	0.4	-0.38	-0.4	0	0	0	0	0	0
7/15/2023 0:28	40602 PIGR_T1	0	0	0	0	0	0	-0.98	-0.94	1	1	0	600	600	0
7/15/2023 0:36	64101 REFR_T1	0	0	0	0	0	0	0.43	0.43	0	0	0	0	0	0
7/15/2023 0:50	44801 EDAN_T2	1	1	0	1	0.6	-0.4	0.63	0.63	0	0	0	0	0	0
7/15/2023 1:00	60101 COCA_T1	0	1	1	0	0.2	0.2	0.61	0.6	0	0	0	0	0	0
7/15/2023 8:01	44801 EDAN_T2	0	0	0	0	0	0	0.61	0.63	0	0	0	0	0	0
7/15/2023 8:07	44301 BEAV_T2	0	2	2	0	0.9	0.9	0	0	0	0	0	0	0	0
7/15/2023 8:12	44801 EDAN_T2	0	0	0	0	0	0	0.63	0.6	0	0	0	0	0	0
7/15/2023 8:19	66505 SMAN_T2	1	0	-1	0.9	0	-0.9	0	0	0	0	0	0	0	0
7/15/2023 8:20	15203 SFAR_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
7/15/2023 8:29	44302 BEAV_T2	1	1	0	0.2	0.4	0.2	0.38	0.36	0	0	0	0	0	0
7/15/2023 8:34	15204 SFAR_T2	0	0	0	0	0	0	0.58	0.58	0	0	0	0	0	0
7/15/2023 8:46	58402 MORO_T1	0	0	0	0	0	0	-0.91	-0.89	2	2	0	1500	1500	0
7/15/2023 8:51	52401 GRPA_T2	1	0	-1	0.6	0	-0.6	0	0	0	0	0	0	0	0
7/15/2023 8:51	15204 SFAR_T2	0	0	0	0	0	0	0.58	0.63	0	0	0	0	0	0
7/15/2023 8:56	52401 GRPA_T2	1	0	-1	0.6	0	-0.6	0	0	0	0	0	0	0	0
7/15/2023 9:03	15204 SFAR_T2	0	0	0	0	0	0	0.58	0.63	0	0	0	0	0	0
7/15/2023 9:18	65902 SAKR_T2	0	0	0	0	0	0	-0.36	-0.34	1	1	0	300	300	0
7/15/2023 9:19	15203 SFAR_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
7/15/2023 9:21	29402 BELT_T1	0	2	2	0	0.3	0.3	0	0	0	0	0	0	0	0
7/15/2023 9:26	44502 HAMI_T2	1	2	1	2.1	2	-0.1	-0.58	-0.51	0	0	0	0	0	0
7/15/2023 9:33	58402 MORO_T1	0	0	0	0	0	0	-0.81	-0.81	2	2	0	1500	1500	0
7/15/2023 9:34	43202 MVIL_T2	0	0	0	0	0	0	-0.51	-0.54	0	0	0	0	0	0
7/15/2023 9:47	48302 ORWI_T2	2	2	0	0.75	0.65	-0.1	-0.51	-0.47	0	0	0	0	0	0
7/15/2023 9:49	47401 PENS_T1	1	1	0	2.4	2.2	-0.2	0	0	0	0	0	0	0	0
7/15/2023 9:54	43304 WATS_T2	0	0	0	0	0	0	-0.62	-0.58	0	0	0	0	0	0
7/15/2023 9:56	24105 EHAZ_T1	2	2	0	5.75	6.05	0.3	0	0	0	0	0	0	0	0
7/15/2023 9:56	52402 GRPA_T2	3	2	-1	0.3	0	-0.3	0	0	0	0	0	0	0	0
7/15/2023 9:59	40902 JESH_T1	0	0	0	0	0	0	-0.49	-0.46	2	2	0	1200	1200	0
7/15/2023 10:00	52503 PROG_T2	0	0	0	0	0	0	-0.24	-0.2	1	1	0	900	900	0
7/15/2023 10:00	45602 WOOL_T1	0	0	0	0	0	0	0.73	0.78	0	0	0	0	0	0
7/15/2023 10:00	67604 WARW_T1	0	0	0	0	0	0	0.33	0.32	0	0	0	0	0	0
7/15/2023 10:00	12604 MACA_T1	0	0	0	0	0	0	0.58	0.64	0	0	0	0	0	0
7/15/2023 10:00	47401 PENS_T1	1	2	1	1.1	0.2	-0.9	0.24	0.21	0	0	0	0	0	0
7/15/2023 10:00	20401 ASHF_T2	2	2	0	0.65	0.2	-0.45	0.13	0.28	1	1	0	600	600	0
7/15/2023 10:00	56601 HAMP_T1	0	40	40	0	0.23	0.23	0.28	0.17	0	0	0	0	0	0
7/15/2023 10:00	15604 NSTR_T1	0	0	0	0	0	0	0.35	0.36	0	0	0	0	0	0
7/15/2023 10:00	65901 SAKR_T2	0	0	0	0	0	0	-1.12	-1.2	2	2	0	1500	1500	0
7/15/2023 10:00	64801 MONE_T2	0	2	2	0	0.55	0.55	0.76	0.8	0	0	0	0	0	0
7/15/2023 10:00	66505 SMAN_T2	0	2	2	0	0	0	0.15	0.1	4	4	0	2300	2300	0
7/15/2023 10:00	66703 STRA_T1	0	0	0	0	0	0	0.57	0.77	0	0	0	0	0	0
7/15/2023 10:01	64204 KINZ_T1	1	2	1	0.5	0.5	0	0	0	0	0	0	0	0	0
7/15/2023 10:01	41901 REED_T1	1	5	4	0.3	0.36	0.06	-1.8	-1.84	1	1	0	900	900	0
7/15/2023 10:02	44203 POIN_T2	3	4	1	0.43	0	-0.43	0.59	0.61	1	2	1	900	2100	1200
7/15/2023 10:07	43304 WATS_T2	0	0	0	0	0	0	-0.58	-0.58	0	0	0	0	0	0
7/15/2023 10:08	56801 BENV_T1	1	2	1	0.7	0.4	-0.3	0	0	0	0	0	0	0	0
7/15/2023 10:09	20403 ASHF_T2	0	1	1	0	0	0	0.64	0.61	0	0	0	0	0	0
7/15/2023 10:09	60101 COCA_T1	0	0	0	0	0	0	0.87	0.95	0	0	0	0	0	0
7/15/2023 10:10	28403 HART_T2	0	0	0	0	0	0	-0.62	-0.63	1	1	0	900	900	0
7/15/2023 10:12	63403 HONY_T2	0	0	0	0	0	0	-0.68	-0.66	1	1	0	600	600	0
7/15/2023 10:17	46302 ROHR_T1	2	7	5	2.1	0.98	-1.12	-0.29	-0.26	0	0	0	0	0	0
7/15/2023 10:18	42002 MNVL_T2	1	1	0	2.7	3	0.3	0	0	0	0	0	0	0	0
7/15/2023 10:18	66505 SMAN_T2	0	2	2	0	0.2	0.2	0.1	0.16	4	4	0	2300	2300	0
7/15/2023 10:19	52502 PROG_T2	0	0	0	0	0	0	-0.09	0.01	1	1	0	900	900	0
7/15/2023 10:22	29402 BELT_T1	152	133	-19	1.27	1.4	0.13	0	0	0	0	0	0	0	0
7/15/2023 10:26	58803 COCO_T1	1	2	1	2.1	1.65	-0.45	-0.46	-1.02	0	1	1	0	600	600
7/15/2023 10:31	64202 KINZ_T1	1	0	-1	0.1	0	-0.1	0	0	0	0	0	0	0	0
7/15/2023 10:36	56501 ROCK_T2	1	2	1	1.4	0.7	-0.7	0	0	0	0	0	0	0	0
7/15/2023 10:37	56801 BENV_T1	2	4	2	1.35	0.35	-1	0	0	0	0	0	0	0	0
7/15/2023 10:37	16302 ALPA_T2	0	0	0	0	0	0	-0.16	-0.11	0	0	0	0	0	0
7/15/2023 10:39	53501 EVIL_T2	1	1	0	0.4	0	-0.4	-0.09	-0.45	0	1	1	0	600	600
7/15/2023 10:39	53601 DALM_T2	1	1	0	0.6	0.1	-0.5	0.15	0.09	0	0	0	0	0	0
7/15/2023 10:40	10602 BLGI_T2	6	8	2	1.88	2.23	0.35	0.98	0.96	0	0	0	0	0	0
7/15/2023 10:41	29402 BELT_T1	0	0	0	0	0	0	0	0	0	1	1	900	900	0
7/15/2023 10:43	52402 GRPA_T2	9	7	-2	0.79	0.48	-0.31	0	0	0	0	0	0	0	0
7/15/2023 10:43	59003 MIFF_T1	0	3	3	0	0.3	0.3	-1.22	-1.16	0	0	0	0	0	0
7/15/2023 10:44	17803 GILB_T2	1	0	-1	0.9	0	-0.9	0	0	0	0	0	0	0	0
7/15/2023 10:44	64801 MONE_T2	2	1	-1	0.55	0.6	0.05	-0.01	-0.01	0	0	0	0	0	0
7/15/2023 10:49	52502 PROG_T2	0	0	0	0	0	0	0.07	0.12	1	1	0	900	900	0
7/15/2023 10:49	56504 ROCK_T2	0	0	0	0	0	0	-0.58	-0.57	0	0	0	0	0	0
7/15/2023 10:52	42701 AUGU_T1	3	4	1	0.57	0.63	0.06	0	0	2	2	0	1800	1800	0
7/15/2023 10:52	55101 WERT_T1	0	0	0	0	0	0	-2.22	-2.13	4	4	0	3300	3300	0
7/15/2023 10:53	44802 EDAN_T2	0	0	0	0	0	0	-3.38	-3.33	1	1	0	1200	1200	0
7/15/2023 10:53	59101 WALK_T2	1	6	5	0.1	0.15	0.05	0.92	1.01	2	2	0	1050	1050	0
7/15/2023 10:58	62105 ELAN_T1	0	2	2	0	0.2	0.2	1.06	1.13	0	0	0	0	0	0
7/15/2023 10:58	53501 EVIL_T2	1	0	-1	0.8	0	-0.8	-0.45	-0.54	1	1	0	600	600	0
7/15/2023 10:59	45802 HEGI_T2	2	12	10	0.35	0.35	0	0.6	0.61	1	1	0	300	300	0
7/15/2023 11:04	59101 WALK_T2	2	33	31	0.15	0.9	0.75	2.02	2.27	4	4	0	2100	2100	0
7/15/2023 11:06	13704 SCHN_T2	0	1	1	0	0	0	0.37	0.4	0	0	0	0	0	0
7/15/2023 11:09	60803 BUCK_T1	0	0	0	0	0	0	-0.47	-0.38	1	1	0	600	600	0
7/15/2023 11:11	10805 CHHI_T2	6	2	-4	1.73	8	6.27	-1.52	-1.48	2	2	0	1800	1800	0
7/15/2023 11:12	27101 GFLD_T2	1	3	2	0	0	0	-0.21	-0.17

Appendix C - Grid Benefits Achieved in Each Instance of Active Management

7/15/2023 14:24	67503 WEWI_T2	197	290	93	0.68	0.79	0.11	0.86	0.85	0	0	0	0	0	0
7/15/2023 14:26	52402 GRPA_T2	75	54	-21	0.65	0.42	-0.23	0	0	0	0	0	0	0	0
7/15/2023 14:28	26402 INOR_T1	1	0	-1	0.3	0	-0.3	-1.31	-1.29	1	1	0	600	600	0
7/15/2023 14:29	63404 HONY_T1	64	66	2	0.89	0.86	-0.03	0	0	0	0	0	0	0	0
7/15/2023 14:34	66703 STRA_T1	0	0	0	0	0	0	0.12	-0.47	0	0	0	0	0	0
7/15/2023 14:34	65503 MOJO_T2	0	3	3	0	0.3	0.3	0.11	0.26	1	1	0	900	900	0
7/15/2023 14:35	41901 REED_T1	26	28	2	0.39	0.38	-0.01	0	0	0	0	0	0	0	0
7/15/2023 14:36	56501 ROCK_T2	2	1	-1	0.6	0.8	0.2	-1.82	-1.8	0	0	0	0	0	0
7/15/2023 14:37	40301 TAMA_T3	6	22	16	0.2	0.33	0.13	0	0	0	0	0	0	0	0
7/15/2023 14:37	43301 WATS_T2	0	2	2	0	0	0	0	0	0	0	0	0	0	0
7/15/2023 14:37	14401 SSLA_T1	3	4	1	1.73	0.97	-0.76	0	0	0	0	0	0	0	0
7/15/2023 14:39	11101 EGYP_T1	1	5	4	1.5	1.4	-0.1	0	0	0	0	0	0	0	0
7/15/2023 14:39	29402 BELT_T1	83	85	2	1.31	1.2	-0.11	0	0	0	0	0	0	0	0
7/15/2023 14:39	62605 ENGL_T1	0	0	0	0	0	0	0.01	0.01	0	0	0	0	0	0
7/15/2023 14:40	60801 BUCK_T1	4	3	-1	0.68	0.6	-0.08	0	0	0	0	0	0	0	0
7/15/2023 14:40	61301 EARL_T1	0	0	0	0	0	0	-1.11	-1.14	2	2	0	1800	1800	0
7/15/2023 14:40	42701 AUGU_T1	38	48	10	0.56	0.55	-0.01	0	0	2	2	0	1800	1800	0
7/15/2023 14:46	45002 LIME_2	6	3	-3	0.47	0.5	0.03	0	0	0	0	0	0	0	0
7/15/2023 14:46	47002 HUGH_T2	0	1	1	0	0	0	0	0	0	0	0	0	0	0
7/15/2023 14:48	57302 MOAL_T2	0	1	1	0	0	0	0	0	0	0	0	0	0	0
7/15/2023 14:52	52502 PROG_T2	0	0	0	0	0	0	0.58	0.58	1	1	0	900	900	0
7/15/2023 14:53	55101 WERT_T1	6	3	-3	1.65	0	-1.65	-1.86	-1.91	4	4	0	3300	3300	0
7/15/2023 14:54	62607 ENGL_T1	12	15	3	1.28	1.22	-0.06	0	0	0	0	0	0	0	0
7/15/2023 14:54	61101 BERK_T5	9	9	0	2.24	0.66	-1.58	0	0	0	0	0	0	0	0
7/15/2023 14:56	10801 CHHI_T1	1	10	9	1	0.5	-0.5	-0.79	-0.75	3	3	0	2100	2100	0
7/15/2023 14:57	40101 HUNT_T2	179	251	72	0.9	0.84	-0.06	-0.63	-0.64	0	0	0	0	0	0
7/15/2023 14:57	53501 EVIL_T2	4	4	0	0.6	0.1	-0.5	-0.75	-0.74	2	2	0	1200	1200	0
7/15/2023 15:00	16504 STRO_T1	5	6	1	0.88	1.5	0.62	0	0	0	0	0	0	0	0
7/15/2023 15:00	46602 LACR_T1	0	0	0	0	0	0	0.18	0.19	0	0	0	0	0	0
7/15/2023 15:02	45002 LIME_2	3	7	4	0.57	0.5	-0.07	0	0	0	0	0	0	0	0
7/15/2023 15:08	61102 BERK_T5	0	0	0	0	0	0	-0.54	-0.54	2	2	0	1200	1200	0
7/15/2023 15:08	67502 WEWI_T2	83	67	-16	0.8	0.73	-0.07	0	0	0	0	0	0	0	0
7/15/2023 15:10	15001 BLMO_T1	36	39	3	0.34	0.34	0	0	0	0	0	0	0	0	0
7/15/2023 15:14	53601 DALM_T2	1	3	2	0.7	0.5	-0.2	-0.29	-0.36	0	0	0	0	0	0
7/15/2023 15:15	59302 MCAL_T1	34	47	13	0.96	1.19	0.23	0	0	0	0	0	0	0	0
7/15/2023 15:15	40101 HUNT_T2	245	378	133	0.94	0.77	-0.17	-0.64	-0.65	0	0	0	0	0	0
7/15/2023 15:15	53901 HALI_T2	2	5	3	0.6	0.8	0.2	0	0	0	0	0	0	0	0
7/15/2023 15:24	46203 DANV_T2	0	0	0	0	0	0	-1.64	-1.67	0	0	0	0	0	0
7/15/2023 15:27	40901 JESH_T1	1	1	0	1.4	1.2	-0.2	0	0	0	0	0	0	0	0
7/15/2023 15:33	56501 ROCK_T2	2	3	1	0.35	0.2	-0.15	-1.79	-1.86	0	0	0	0	0	0
7/15/2023 15:37	55105 WERT_T1	0	2	2	0	0.1	0.1	0	0	0	0	0	0	0	0
7/15/2023 15:38	45303 WBER_T2	1	1	0	0.2	0.3	0.1	0	0	0	0	0	0	0	0
7/15/2023 15:42	53601 DALM_T2	3	3	0	0.3	0.5	0.2	-0.36	-0.3	0	0	0	0	0	0
7/15/2023 15:53	27502 WEIS_T2	42	46	4	0.51	0.93	0.42	-0.87	-0.86	0	0	0	0	0	0
7/15/2023 15:57	53902 HALI_T2	5	3	-2	0.5	0.2	-0.3	-0.49	-0.53	0	0	0	0	0	0
7/15/2023 15:57	40101 HUNT_T2	352	349	-3	1.05	0.84	-0.21	-0.61	-0.62	0	0	0	0	0	0
7/15/2023 15:58	42201 SHEN_T2	0	0	0	0	0	0	0.89	0.88	0	0	0	0	0	0
7/15/2023 16:10	58803 COCO_T1	34	38	4	0.34	0.31	-0.03	-0.38	-0.37	1	1	0	600	600	0
7/15/2023 16:29	45003 LIME_2	45	75	30	0.52	0.36	-0.16	0	0	2	2	0	1800	1800	0
7/15/2023 16:33	65603 QVIL_T2	8	9	1	1.19	2.97	1.78	0	0	0	0	0	0	0	0
7/15/2023 17:00	13104 NHAM_T1	11	19	8	1.25	1.12	-0.13	0	0	0	0	0	0	0	0
7/15/2023 17:13	17805 GILB_T2	79	48	-31	0.66	0.7	0.04	0.48	0.47	0	0	0	0	0	0
7/15/2023 17:32	44801 EDAN_T2	61	65	4	0.84	0.53	-0.31	1.06	1.09	0	0	0	0	0	0
7/15/2023 17:45	17805 GILB_T2	30	28	-2	0.62	0.63	0.01	0.47	0.48	0	0	0	0	0	0
7/15/2023 20:03	66504 SMAN_T2	1	1	0	0.4	0	-0.4	0	0	0	0	0	0	0	0
7/15/2023 20:03	66703 STRA_T1	1	1	0	0.2	0.6	0.4	-0.37	-0.36	0	0	0	0	0	0
7/15/2023 20:06	43304 WATS_T2	18	22	4	0.72	0.45	-0.27	-0.87	-0.9	0	0	0	0	0	0
7/15/2023 20:06	47401 PENS_T1	4	5	1	0.65	0.4	-0.25	0.52	0.51	0	0	0	0	0	0
7/15/2023 20:09	60101 COCA_T1	0	0	0	0	0	0	-0.16	-0.08	1	1	0	1200	1200	0
7/15/2023 20:09	45602 WOOL_T1	9	12	3	0.29	0.39	0.1	0.62	0.59	0	0	0	0	0	0
7/15/2023 20:11	20403 ASHF_T2	0	0	0	0	0	0	1.13	1.03	0	0	0	0	0	0
7/15/2023 20:12	56801 BENV_T1	7	9	2	0.53	0.61	0.08	0	0	0	0	0	0	0	0
7/15/2023 20:15	63403 HONY_T2	0	0	0	0	0	0	-0.4	-0.41	0	0	0	0	0	0
7/15/2023 20:17	42001 MNVL_T2	0	0	0	0	0	0	0.35	0.33	0	0	0	0	0	0
7/15/2023 20:18	52502 PROG_T2	0	0	0	0	0	0	0.43	0.39	1	1	0	900	900	0
7/15/2023 20:20	46302 ROHR_T1	6	7	1	1.77	2.18	0.41	-0.14	-0.15	0	0	0	0	0	0
7/15/2023 20:21	44801 EDAN_T2	1	1	0	0.9	0.9	0	0.94	0.91	0	0	0	0	0	0
7/15/2023 20:24	58803 COCO_T1	6	3	-3	0.75	1.3	0.55	-0.68	-0.76	1	1	0	600	600	0
7/15/2023 20:29	64204 KINZ_T1	1	1	0	0.2	0.5	0.3	0	0	0	0	0	0	0	0
7/15/2023 20:33	41902 REED_T1	6	2	-4	0.68	0	-0.68	0	0	0	0	0	0	0	0
7/15/2023 20:37	10602 BLGL_T2	1	1	0	7.3	7.8	0.5	0.62	0.55	0	0	0	0	0	0
7/15/2023 20:42	17803 GILB_T2	1	1	0	0.2	0	-0.2	0	0	0	0	0	0	0	0
7/15/2023 20:42	53501 EVIL_T2	0	1	1	0	0	0	-1.2	-0.73	2	1	-1	1200	600	-600
7/15/2023 20:49	56504 ROCK_T2	0	0	0	0	0	0	-0.33	-0.33	0	0	0	0	0	0
7/15/2023 20:51	55101 WERT_T1	0	0	0	0	0	0	-2.2	-2.22	4	4	0	3300	3300	0
7/15/2023 20:53	59101 WALK_T2	11	14	3	0.55	0.77	0.22	0.69	0.66	3	3	0	1650	1650	0
7/15/2023 21:00	52402 GRPA_T2	8	8	0	0.73	0.73	0	0	0	0	0	0	0	0	0
7/15/2023 21:02	13704 SCHN_T2	0	0	0	0	0	0	-0.26	-0.37	0	0	0	0	0	0
7/15/2023 21:09	60803 BUCK_T1	0	0	0	0	0	0	-0.56	-0.57	1	1	0	600	600	0
7/15/2023 21:12	27101 GFLD_T2	3	1	-2	0.8	0	-0.8	-0.17	-0.21	0	0	0	0	0	0
7/15/2023 21:19	59101 WALK_T2	13	28	15	0.53	0.44	-0.09	0.75	0.74	3	3	0	1650	1650	0
7/15/2023 21:21	52502 PROG_T2	0	0	0	0	0	0	0.34	0.27	1	1	0	900	900	0
7/15/2023 21:39	59101 WALK_T2	17	10	-17	0.49	0.5	0.01	0.74	0.37	3	3	0	1650	1650	0
7/15/2023 21:48	40101 HUNT_T2	7	3	-4	0.43	0.1	-0.33	-0.84	-0.86	0	0	0	0	0	0
7/15/2023 21:49	66703 STRA_T1	5	5	0	0.32	0.46	0.14	-0.4	-0.59	0	0	0	0	0	0
7/15/2023 21:51	59101 WALK_T2	10	1	-9	0.44	0.2	-0.24	0.37	0.36	3	3	0	1650	1650	0
7/15/2023 21:52	42701 AUGU_T1	2	1	-1	0.55	0	-0.55	0	0	2	2	0	1800	1800	0
7/15/2023 21:56	52403 GRPA_T2	2	2	0	1	0	-1	-0.37	-0.38	0	0	0	0	0	0
7/15/2023 22:07	59101 WALK_T2	1	1	0	0.5	0	-0.5	0.36	0.31	3	3	0	1650	1650	0
7/15/2023 22:10	15001 BLMO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
7/15/2023 22:12	43401 BENT_T1	4	5	1	0.65	0.7	0.05	0	0	0	0	0	0	0	0
7/15/2023 22:13	17803 GILB_T2	0	2	2	0	1.5	1.5	0	0	0	0	0	0	0	0
7/15/2023 22:17	60801 BUCK_T1	0	7	7	0	0.1	0.1	0	0	0	0	0	0	0	0
7/15/2023 22:17	25402 LAHA_T2	0	0	0	0	0	0	-0.59	-0.61	0	0	0	0	0	0
7/15/2023 22:20	16505 STRO_T1	0	0	0	0	0	0	0.41	0.4	0	0	0	0	0	0
7/15/2023 22:24	65503 MOJO_T2	0	0	0	0	0	0	-0.59	-0.58	1	1	0	900	900	0
7/15/2023 22:25	46602 LACR_T1	0	0	0	0	0	0	-0.2	-0.27	0	0	0	0	0	0
7/15/2023 22:25	15001 BLMO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
7/15/2023 22:27	67503 WEWI_T2	1	0	-1	0.3	0	-0.3	0.58	0.52	0	0	0	0	0	0
7/15/2023 22:27	61301 EARL_T1	0	0	0	0	0	0	-1.28	-1.28	2	2	0	1800	1800	0
7/15/2023 22:29	11102 EGYP_T1	1	0	-1	0.1	0	-0.1	0.23	0.2	0	0	0	0	0	0
7/15/2023 22:30	40101 HUNT_T2	4	4	0	0	0.1	0.1	-0.9	-0.93	0	0	0	0	0	0
7/15/2023 22:30	59301 MCAL_T1	2	2	0	0.6	1.1	0.5	-1.29	-1.31	0	0	0	0	0	0
7/15/2023 22:30	58803 COCO_T1	2	2	0	1.7	1.85	0.15	-0.79	-0.9	1	1	0	600	600	0
7/15/2023 22:30	41902 REED_T1	1	0	-1	0.2	0	-0.2	1.27	1.21	0	0	0	0	0	0
7/15/2023 22:30	65503 MOJO_T2	0	0	0	0	0	0	-0.59	-0.58	1	1	0	900	900	0
7/15/2023 22:31	45003 LIME_2	27	28	1	0.44	0.44	0	0	0	1	1	0	1200	1200	0
7/15/2023 22:31	42201 SHEN_T2	0	0	0	0.2	0	0	0.68	0.68	0	0	0	0	0	0
7/15/2023 22:31	55101 WERT_T1	1	1	0	0.9	0	-0.9	-2.43	-2.43	4	4	0	3300	3300	0
7/15/2023 22:32	57304 MOAL_T2	1	10	9	0.7	0.17	-0.53	-0.74	-0.67	0	0	0	0	0	0
7/15/2023 22:32	42701 AUGU_T1	1	1	0	0.1	0	-0.1	0	0	2	2	0	1800	1800	0
7/15/2023 22:33	45003 LIME_2	27	28	1	0.44	0.44	0	0	0	1	1	0	1200	1200	0
7/15/2023 22:34	46203 DANV_T2	3	6	3	0.17	0.23	0.06	-0.67	-0.75	0	0	0	0	0	0
7/15/2023 22:34	55101 WERT_T1	1	1	0	0.9	0	-0.9	-2.43	-1.57	4	4	0	3300	3300	0
7/15/2023 22:36	52502 PROG_T2	0	0	0	0	0	0	0.19	0.14	1	1	0	900	900	0
7/15/2023 22:39	47002 HUGH_T2	2	2	0	0.1	0.1	0	0	0	0	0	0	0	0	0
7/16/2023 0:28	29402 BELT_T1	0	10	10	0	0.2	0.2	0	0	0	0	0	0	0	0
7/16/2023 0:28	63404 HONY_T1	2	2	0	7.55	7.95	0.4	0	0	0	0	0	0	0	0
7/16/2023 0:28	43304 WATS_T2	1	1	0	0.3	0.2	-0.1	-0.38	-0.4	0	0	0	0	0	0
7/16/2023 0:28	42601 TUSC_T1	0	6	6	0	0	0	-0.24	-0.28	2	2	0	1800	1800	0
7/16/2023 0:28	53902 HALI_T2	0	0	0	0	0	0	-1.48	-1.6	0	0	0	0	0	0
7/16/2023 0:28	66504 SMAN_T2	0	1	1	0	0.1	0.1	0	0	0	0	0	0	0	0
7/16/2023 0:28	17805 GILB_T2	0	0	0	0	0	0	0.16	0.17	0	0	0	0	0	0
7/16/2023 0:28	13101 NHAM_T1	0	0	0	0	0	0	-1.85	-1.83	2	2	0	2100	2100	0
7/16/2023 0:28	56801 BENV_T1	3	18	15	0.13	0.86	0.73	0	0	0	0	0	0	0	0
7/16/2023 0:28	52502 PROG_T2	0	0	0	0	0	0	-0.2	-0.11	2	2	0	1800	1800	0
7/16/2023 0:28	59002 MIFF_T1	0	5	5	0	0.26	0.26	0	0	0	0	0	0	0	0
7/16/2023 0:28	65901 SAKR_T2	0	0	0	0	0	0	-1.02	-0.99	1	1	0	900	900	0
7/16/2023 0:28	56504 ROCK_T2	0	0	0	0	0	0	0.31	0.34	0	0	0	0	0	0
7/16/2023 0:28	53601 DALM_T2	2	1	-1	4.9	1	-3.9	-0.51	-0.49	0	0	0	0	0	0
7/16/2023 0:28	40101 HUNT_T2	1	6	5	0.5	0.43	-0.07	-2.08	-2.16	0	0	0	0	0	0
7/16/2023 0:28	40302 TAMA_T3	6	0	-6	0.23	0	-0.23	0.11	0.08	0	0	0	0	0	0
7/16/2023 0:28	41902 REED_T1	0	0	0	0	0	0	1.07	1.1	0	0	0	0	0	0
7/16/2023 0:28	53501 EVIL_T2	0	1	1	0	0.3	0.3	-1.03	-1.04	1	1	0	600	600	0
7/16/2023 0:28	45003 LIME_2	1	1	0	2.4	2.8	0.4	0	0	4	4	0	4800	4800	0
7/16/2023 0:28	62607 ENGL_T1	3	0	-3	0.5	0	-0.5	0	0	0	0	0	0	0	0
7/16/2023 0:28	41801 GOCI_T2	1	1	0	0.6	0	-0.6	0	0	0	0	0	0	0	0
7/16/2023 0:28	27502 WEIS_T2	0	0	0	0	0	0	-0.2	-0.21	0	0	0	0	0	0
7/16/2023 0:28	61102 BERK_T5	0	0	0	0	0	0	0.24	0.14	2	2	0	600	600	0
7/16/2023 0:28	64202 KINZ_T1	0	2	2	0	0.25	0.25	0	0	0	0	0	0	0	0
7/16/2023 0:28	57304 MOAL_T2	18	57	39	0.25	0.57	0.32	-0.98	-1.09	0	0	0	0	0	0
7/16/2023 0:28	44801 EDAN_T2	1	1	0	1.2	0.7	-0.5	0	0	0	0	0	0	0	0
7/16/2023 0:28	66703 STRA_T1	0	0	0	0	0	0	0.12	0.07	0	0	0	0	0	0
7/16/2023 0:28	65604 QVIL_T2	1	0	-1	0.4	0	-0.4	1.2	1.24	0	0	0	0	0	0
7/16/2023 0:28	16302 ALPA_T2	0	0	0	0	0	0	-0.52	-0.46	0	0	0	0	0	0
7/16/2023 0:28	47101 MARL_T1	0	0	0	0	0	0	-0.98	-1.12	1	1	0	600	600	0
7/16/2023 0:28	52402 GRPA_T2	1	1	0	0.2	0.2	0	0	0	0	0	0	0	0	0
7/16/2023 0:28	47401 PENS_T1	0	0	0	0	0	0	0.19	0.2	0	0	0	0	0	0
7/16/2023 0:28	67503 WEWI_T2	1	0	-1	0.1	0	-0.1	0.21	0.21	0	0	0	0	0	0
7/16/2023 0:28	10801 CHHI_T1	1	0	-1	0	0	0	-0.02	-0.03	1	1	0	600	600	0
7/16/2023 0:28	29402 BELT_T1	0	10	10	0	0.2	0.2	0	0	0	0	0	0	0	0
7/16/2023 0:28	56501 ROCK_T2	0	2	2	0	0.15	0.15	-1.89	-1.97	0	0	0	0	0	0
7/16/2023 0:28	10801 CHHI_T2	1	1	0	8.3	8.2	-0.1	-2.52	-2.46	2	2	0	1200	1200	0
7/16/2023 0:28	11104 EGYP_T1	0	0	0	0	0	0	0.88	0.9	0	0	0	0	0	0
7/16/2023 0:28	44203 POIN_T2	0	0	0	0	0	0	-2.2	0.21	4	4	0	4200	4200	0
7/16/2023 0:28	28403 HART_T2	0	0	0	0	0	0	-0.69	-0.74	1	1	0	900	900	0
7/16/2023 0:28	55101 WERT_T1	0	0	0	0	0	0	-3.67	-3.76	6	6	0	4800	4800	0
7/16/2023 0:28	26402 INOR_T1	11	13	2	0.13	0.16	0.03	-1.14	-1.15	0	0	0	0	0	0
7/16/2023 0:28	42701 AUGU_T1	0	0	0	0	0	0	0	0	6	6	0	5400	5400	0
7/16/2023 0:28	64801 MONE_T2	0	0	0	0	0	0	-0.14	-0.25	0	0	0	0	0	0
7/16/2023 0:28	45802 HEGI_T2	0	0	0	0	0	0	0.55	0.5	0	0	0	0	0	0
7/16/2023 0:28	14403 SSLA_T1	0	0	0	0	0	0	0.34	0.32	1	1	0	600	600	0
7/16/2023 0:51	44801 EDAN_T2	1	1	0	0.7	0.5	-0.2	0.65	0.68	0	0	0	0	0	0
7/16/2023 1:17	52404 GRPA_T2	0	0	0	0	0	0	-0.09	-0.04	0	0	0	0	0	0
7/16/2023 1:39	52402 GRPA_T2	1	1	0	0.1	0.3	0.2	0	0	0	0	0	0	0	0
7/16/2023 4:10	62606 ENGL_T1	0	1	1	0	0	0	0	0	0	0	0	0	0	0
7/16/2023 7:38	44801 EDAN_T2	0	0	0	0	0	0	0.62	0.67	0	0	0	0	0	0
7/16/2023 8:20	66504 SMAN_T2	0	0	0	0	0	0	0.52	0.48	0	0	0	0	0	0
7/16/2023 8:22	15203 SFAR_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
7/16/2023 8:23	59101 WALK_T2	0	0	0	0	0	0	0.83	0.72	1	1	0	450	450	0
7/16/2023 8:29	44301 BEAV_T2	1	0	-1	0.4	0	-0.4	0	0	0	0	0	0	0	0
7/16/2023 8:31	58401 MORO_T1	1	1	0	0.8	0	-0.8	0	0	0	0	0	0	0	0
7/16/2023 8:34	15204 SFAR_T2	0	0	0	0	0	0	0.7	0.7	0	0	0	0	0	0
7/16/2023 8:37	56801 BENV_T1	17	11	-6	0.38	0.23	-0.15	-0.52	-0.5	1	1	0	600	600	0
7/16/2023 8:37	44302 BEAV_T2	1	0	-1	0.5	0	-0.5	0.38	0.36	0	0	0	0	0	0
7/16/2023 8:49	15204 SFAR_T2	0	0	0	0	0	0	0.7	0.7	0	0	0	0	0	0
7/16/2023 9:02	44801 EDAN_T2	1	2	1	0.6	0.4	-0.2	0.67	0.67	0	0	0	0	0	0
7/16/2023 9:03

Appendix C - Grid Benefits Achieved in Each Instance of Active Management

7/16/2023 10:49	44901 SCOT_T2	0	0	0	0	0	0	-0.06	-0.01	0	0	0	0	0	0
7/16/2023 10:51	67503 WEWI_T2	0	0	0	0	0	0	0.24	0.22	0	0	0	0	0	0
7/16/2023 10:55	29401 BELT_T1	0	0	0	0	0	0	0	0	1	1	0	900	900	0
7/16/2023 10:56	61801 EELI_T2	0	0	0	0	0	0	0.13	0.11	0	0	0	0	0	0
7/16/2023 10:56	56801 BENV_T1	0	11	11	0	0.59	0.59	0	0	0	0	0	0	0	0
7/16/2023 10:58	13503 MCMI_T2	0	0	0	0	0	0	0.23	0.24	0	0	0	0	0	0
7/16/2023 10:59	17805 GILB_T2	0	0	0	0	0	0	0.33	0.32	0	0	0	0	0	0
7/16/2023 11:01	47401 PENS_T1	0	0	0	0	0	0	0.1	0.16	0	0	0	0	0	0
7/16/2023 11:04	56504 ROCK_T2	0	1	1	0	0	0	0.23	0.27	0	0	0	0	0	0
7/16/2023 11:06	46302 ROHR_T1	4	5	1	0.65	0.27	-0.38	0.34	0.36	0	0	0	0	0	0
7/16/2023 11:09	60803 BUCK_T1	27	7	-20	0.27	0.19	-0.08	0	0	0	0	0	0	0	0
7/16/2023 11:11	10805 CHHI_T2	6	11	5	1.53	8.7	7.17	-1.07	-1.08	1	1	0	600	600	0
7/16/2023 11:15	16402 MOPO_T1	1	0	-1	0.8	0	-0.8	0.81	-0.3	0	0	0	0	0	0
7/16/2023 11:15	64801 MONE_T2	0	0	0	0	0	0	-0.08	-0.16	0	0	0	0	0	0
7/16/2023 11:17	43202 MVIL_T2	0	0	0	0	0	0	-0.54	-0.54	0	0	0	0	0	0
7/16/2023 11:21	43401 BENT_T1	1	8	7	0.2	0	-0.2	0	0	0	0	0	0	0	0
7/16/2023 11:24	67901 WNHO_T2	0	0	0	0	0	0	1.24	1.21	1	1	0	900	900	0
7/16/2023 11:24	10805 CHHI_T2	1	11	10	8.7	1.67	-7.03	-1.08	-1.06	1	1	0	600	600	0
7/16/2023 11:25	60803 BUCK_T1	0	0	0	0	0	0	-1.02	-1.01	1	1	0	600	600	0
7/16/2023 11:25	65603 QVIL_T2	1	1	0	7.9	8.2	0.3	0	0	0	0	0	0	0	0
7/16/2023 11:25	41602 CLEV_T1	13	4	-9	0.52	0.25	-0.27	0	0	1	1	0	600	600	0
7/16/2023 11:27	53903 HALI_T2	2	2	0	0.5	0.5	0	-0.02	0.01	0	0	0	0	0	0
7/16/2023 11:36	44203 POIN_T2	6	8	2	3.85	2.13	-1.72	0.16	0.21	1	1	0	900	900	0
7/16/2023 11:42	43401 BENT_T1	0	10	10	0	0.85	0.85	0	0	0	0	0	0	0	0
7/16/2023 11:42	27101 GFLD_T2	2	5	3	1.2	2.4	1.2	0.67	0.66	0	0	0	0	0	0
7/16/2023 11:42	58803 COCO_T1	2	2	0	1.3	1.45	0.15	-0.74	-0.79	0	0	0	0	0	0
7/16/2023 11:45	40902 JESH_T1	1	1	0	0.4	0	-0.4	-0.32	-0.32	2	3	1	1200	1800	600
7/16/2023 11:47	57304 MOAL_T2	0	0	0	0	0	0	-0.72	-0.72	0	0	0	0	0	0
7/16/2023 11:54	67901 WNHO_T2	0	0	0	1	0	0	1.18	1.15	1	1	0	900	900	0
7/16/2023 11:54	24102 EHAZ_T1	1	0	-1	0.2	0	-0.2	0	0	0	0	0	0	0	0
7/16/2023 12:14	25402 LAHA_T2	0	0	0	0	0	0	-0.51	-0.42	0	0	0	0	0	0
7/16/2023 12:20	41901 REED_T1	4	4	0	0.43	0.38	-0.05	0	0	1	1	0	0	0	0
7/16/2023 12:32	13704 SCHN_T2	0	0	0	0	0	0	0.31	0.33	0	0	0	0	0	0
7/16/2023 12:37	67204 TEHI_T2	0	0	0	0	0	0	0.05	0.03	0	0	0	0	0	0
7/16/2023 12:53	67204 TEHI_T2	0	0	0	0	0	0	0.03	0.04	0	0	0	0	0	0
7/16/2023 13:08	15001 BLMO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
7/16/2023 13:39	15001 BLMO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
7/16/2023 13:55	58803 COCO_T1	2	2	0	2.05	1.7	-0.35	-1.07	-1.17	1	1	0	600	600	0
7/16/2023 14:02	64301 LINC_T1	0	0	0	0	0	0	-0.86	-0.88	1	1	0	600	600	0
7/16/2023 14:06	44203 POIN_T2	45	82	37	0.65	0.64	-0.01	0.46	0.43	1	1	0	900	900	0
7/16/2023 14:14	52403 GRPA_T2	19	10	-9	0.79	0.5	-0.29	-0.38	-0.38	0	0	0	0	0	0
7/16/2023 14:18	66703 STRA_T1	0	0	0	0	0	0	-0.67	-0.73	0	0	0	0	0	0
7/16/2023 14:22	16302 ALPA_T2	0	0	0	0	0	0	-0.39	-0.41	0	0	0	0	0	0
7/16/2023 14:24	46204 DANV_T2	113	118	5	0.72	0.68	-0.04	0	0	0	0	0	0	0	0
7/16/2023 14:27	63404 HONY_T1	2	2	0	6.85	7.15	0.3	0	0	0	0	0	0	0	0
7/16/2023 14:30	60502 NMAN_T2	0	0	0	0	0	0	0.34	0.35	0	0	0	0	0	0
7/16/2023 14:31	64101 REFR_T1	0	0	0	0	0	0	0.51	-0.07	0	0	0	0	0	0
7/16/2023 14:33	64101 REFR_T1	0	0	0	0	0	0	0.51	-0.07	0	0	0	0	0	0
7/16/2023 14:36	55101 WERT_T1	0	0	0	0	0	0	-1.35	-2.25	3	4	1	2400	3300	900
7/16/2023 14:37	55101 WERT_T1	0	0	0	0	0	0	-1.35	-2.25	3	4	1	2400	3300	900
7/16/2023 14:38	55101 WERT_T1	0	0	0	0	0	0	-2.7	-4.49	6	8	2	4800	6600	1800
7/16/2023 14:39	53601 DALM_T2	0	0	0	0	0	0	0.07	0.1	0	0	0	0	0	0
7/16/2023 14:39	55101 WERT_T1	0	0	0	0	0	0	-1.35	-2.25	3	4	1	2400	3300	900
7/16/2023 14:42	44801 EDAN_T2	2	4	2	0.55	1.2	0.65	0	0	0	0	0	0	0	0
7/16/2023 14:46	60502 NMAN_T2	0	0	0	0	0	0	0.35	0.4	0	0	0	0	0	0
7/16/2023 14:47	57303 MOAL_T2	1	1	0	9.3	8.8	-0.5	0	0	0	0	0	0	0	0
7/16/2023 14:53	14403 SSLA_T1	0	2	2	0	0.5	0.5	0.01	0.11	2	2	0	1200	1200	0
7/16/2023 14:54	53501 EVIL_T2	1	2	1	0.8	1.5	0.7	-0.24	-0.27	0	0	0	0	0	0
7/16/2023 15:01	47001 HUGH_T2	6	6	0	2.58	0.4	-2.18	-0.65	-0.75	1	1	0	900	900	0
7/16/2023 15:01	62105 ELAN_T1	1	1	0	0.1	0.3	0.2	1.07	1.08	0	0	0	0	0	0
7/16/2023 15:08	43304 WATS_T2	22	15	-7	0.56	0.52	-0.04	-0.97	-0.91	1	1	0	600	600	0
7/16/2023 15:09	15001 BLMO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
7/16/2023 15:10	10602 BLGI_T2	1	2	1	7.4	6.7	-0.7	0.68	0.66	0	0	0	0	0	0
7/16/2023 15:11	52401 GRPA_T2	7	5	-2	0.23	0.4	0.17	-0.17	-0.17	0	0	0	0	0	0
7/16/2023 15:14	53501 EVIL_T2	1	3	2	1.5	1.05	-0.45	-0.27	-0.17	0	0	0	0	0	0
7/16/2023 15:15	46602 LACR_T1	0	0	0	0	0	0	0.01	0.08	0	0	0	0	0	0
7/16/2023 15:24	42701 AUGU_T1	6	6	0	0.92	0.6	-0.32	0	0	2	2	0	1800	1800	0
7/16/2023 15:24	53601 DALM_T2	4	4	0	0.15	0.2	0.05	0.04	0.16	0	0	0	0	0	0
7/16/2023 15:27	52401 GRPA_T2	5	30	25	0.46	0.4	-0.06	0	0	0	0	0	0	0	0
7/16/2023 15:34	56501 ROCK_T2	3	4	1	0.93	0.7	-0.23	-1.27	-1.24	0	0	0	0	0	0
7/16/2023 15:36	42701 AUGU_T1	4	13	9	0.5	0.38	-0.12	0	0	2	2	0	1800	1800	0
7/16/2023 15:41	52402 GRPA_T2	39	80	41	0.59	0.55	-0.04	0	0	0	0	0	0	0	0
7/16/2023 15:47	45002 LIME_T2	1	1	0	0.7	0.4	-0.3	0	0	0	0	0	0	0	0
7/16/2023 15:56	42701 AUGU_T1	4	16	12	0.38	0.4	0.02	0	0	2	2	0	1800	1800	0
7/16/2023 16:02	65902 SAKR_T2	0	0	0	0	0	0	-0.33	-0.29	1	1	0	300	300	0
7/16/2023 16:13	52401 GRPA_T2	64	29	-35	0.57	0.6	0.03	0	0	0	0	0	0	0	0
7/16/2023 16:30	65503 MOJO_T2	0	0	0	0	0	0	-0.25	-0.21	1	1	0	900	900	0
7/16/2023 16:37	45302 WBER_T2	13	24	11	0.45	0.47	0.02	0.7	0.67	0	0	0	0	0	0
7/16/2023 16:44	65503 MOJO_T2	0	0	0	0	0	0	-0.21	-0.2	1	1	0	900	900	0
7/16/2023 16:44	45802 HEGI_T2	0	0	0	0	0	0	0.32	0.32	0	0	0	0	0	0
7/16/2023 16:46	44501 HAMI_T2	9	4	-5	1.8	0	-1.8	0	0	0	0	0	0	0	0
7/16/2023 16:57	53501 EVIL_T2	4	12	8	0.85	0.47	-0.38	-0.62	-0.51	1	1	0	600	600	0
7/16/2023 20:02	47401 PENS_T1	1	1	0	2.6	2.7	0.1	0	0	0	0	0	0	0	0
7/16/2023 20:05	66504 SMAN_T2	0	3	3	0	0	0	0	0	0	0	0	0	0	0
7/16/2023 20:05	25801 SUTR_T2	2	4	2	0.65	0.4	-0.25	-0.58	-0.63	0	0	0	0	0	0
7/16/2023 20:06	20402 ASHF_T2	3	0	-3	0.1	0	-0.1	0	0	0	0	0	0	0	0
7/16/2023 20:14	52401 GRPA_T2	1	1	0	0.4	0	-0.4	0	0	0	0	0	0	0	0
7/16/2023 20:15	42002 MNVL_T2	1	1	0	2.3	2	-0.3	0	0	0	0	0	0	0	0
7/16/2023 20:16	52502 PROG_T2	0	1	1	0	0	0	0.36	0.36	1	1	0	900	900	0
7/16/2023 20:20	66505 SMAN_T2	1	6	5	0.5	0.1	-0.4	0.11	0.03	4	4	0	2300	2300	0
7/16/2023 20:21	45602 WOOL_T1	0	0	0	0	0	0	0.52	0.49	0	0	0	0	0	0
7/16/2023 20:21	28403 HART_T2	0	0	0	0	0	0	-0.27	-0.27	1	1	0	900	900	0
7/16/2023 20:22	43304 WATS_T2	16	22	6	0.4	0.3	-0.1	-0.98	-0.39	1	1	0	600	600	0
7/16/2023 20:29	64202 KINZ_T1	1	0	-1	0.1	0	-0.1	0	0	0	0	0	0	0	0
7/16/2023 20:31	63402 HONY_T2	1	1	0	0.1	0.5	0.4	0	0	0	0	0	0	0	0
7/16/2023 20:37	47401 PENS_T1	0	1	1	0	0	0	0.33	0.37	0	0	0	0	0	0
7/16/2023 20:37	59101 WALK_T2	3	1	-2	1.03	0	-1.03	0.5	0.53	3	3	0	1650	1650	0
7/16/2023 20:44	64203 KINZ_T1	0	0	0	0	0	0	-1.38	-1.37	2	2	0	1800	1800	0
7/16/2023 20:45	40901 JESH_T1	1	1	0	0.8	0	-0.8	0	0	0	0	0	0	0	0
7/16/2023 20:48	56504 ROCK_T2	0	0	0	0	0	0	-0.46	-0.6	0	0	0	0	0	0
7/16/2023 20:49	67503 WEWI_T2	1	0	-1	1.6	0	-1.6	0.54	0.54	0	0	0	0	0	0
7/16/2023 20:49	52502 PROG_T2	1	1	0	1.6	0.1	-1.5	0.3	0.24	1	1	0	900	900	0
7/16/2023 20:54	56801 BENV_T1	8	21	13	0.78	0.86	0.08	0	0	0	0	0	0	0	0
7/16/2023 20:56	61801 EELI_T2	0	0	0	0	0	0	-0.19	-0.18	1	1	0	600	600	0
7/16/2023 20:58	17805 GILB_T2	2	4	2	0.1	0.1	0	-0.52	-0.48	0	0	0	0	0	0
7/16/2023 21:03	13503 MCMI_T2	0	0	0	0	0	0	0.32	0.31	0	0	0	0	0	0
7/16/2023 21:04	56504 ROCK_T2	0	0	0	0	0	0	-0.66	-0.63	0	0	0	0	0	0
7/16/2023 21:05	46302 ROHR_T1	1	2	1	0.6	0.5	-0.1	-0.22	-0.24	0	0	0	0	0	0
7/16/2023 21:05	47401 PENS_T1	0	0	0	0	0	0	0.37	0.35	0	0	0	0	0	0
7/16/2023 21:09	60803 BUCK_T1	0	0	0	0	0	0	-0.71	-0.77	1	1	0	600	600	0
7/16/2023 21:16	43202 MVIL_T2	3	3	0	0.8	0.43	-0.37	-0.48	-0.48	0	0	0	0	0	0
7/16/2023 21:17	16402 MOPO_T1	0	0	0	0	0	0	0.79	0.75	0	0	0	0	0	0
7/16/2023 21:18	64801 MONE_T2	0	0	0	0	0	0	-0.08	-0.08	0	0	0	0	0	0
7/16/2023 21:24	60803 BUCK_T1	0	0	0	0	0	0	-0.77	-0.77	1	1	0	600	600	0
7/16/2023 21:27	53903 HALI_T2	0	2	2	0	0.3	0.3	-0.03	-0.08	0	0	0	0	0	0
7/16/2023 21:29	65604 QVIL_T2	0	0	0	0	0	0	0.76	0.75	0	0	0	0	0	0
7/16/2023 21:35	44203 POIN_T2	0	2	2	0	0	0	-0.92	-0.71	2	2	0	2100	2100	0
7/16/2023 21:40	58803 COCO_T1	2	2	0	2.05	2.1	0.05	-0.96	-1.02	1	1	0	600	600	0
7/16/2023 21:41	43401 BENT_T1	1	1	0	0.7	0.4	-0.3	0	0	0	0	0	0	0	0
7/16/2023 21:42	27101 GFLD_T2	1	1	0	0	0	0	0.09	0.05	1	1	0	600	600	0
7/16/2023 21:43	40902 JESH_T1	1	1	0	1.7	0	-1.7	-0.26	-0.18	2	2	0	1200	1200	0
7/16/2023 21:45	57303 MOAL_T2	1	1	0	8.1	7.6	-0.5	0	0	0	0	0	0	0	0
7/16/2023 21:52	67901 WNHO_T2	0	0	0	0	0	0	1.2	1.17	1	1	0	900	900	0
7/16/2023 21:57	24101 EHAZ_T1	0	0	0	0	0	0	0.22	0.17	1	1	0	600	600	0
7/16/2023 22:12	25402 LAHA_T2	0	0	0	0	0	0	-0.7	-0.71	0	0	0	0	0	0
7/16/2023 22:18	41901 REED_T1	11	10	-1	0.53	0.65	0.12	0	0	0	0	0	0	0	0
7/16/2023 22:20	10602 BLGI_T2	1	1	0	8.2	8.8	0.6	0.5	0.47	0	0	0	0	0	0
7/16/2023 22:29	65503 MOJO_T2	0	0	0	0	0	0	-0.72	-0.81	1	1	0	900	900	0
7/16/2023 22:32	53501 EVIL_T2	0	0	0	0	0	0	-1.09	-1.27	2	2	0	1200	1200	0
7/16/2023 22:35	58803 COCO_T1	2	2	0	1.35	1.5	0.15	-0.49	-0.59	0	0	0	0	0	0
7/16/2023 22:35	52402 GRPA_T2	1	1	0	0.4	0.5	0.1	0	0	0	0	0	0	0	0
7/16/2023 22:35	46602 LACR_T1	0	0	0	0	0	0	-0.27	-0.37	0	0	0	0	0	0
7/16/2023 22:35	53501 EVIL_T2	0	0	0	0	0	0	-1.27	-1.28	2	2	0	1200	1200	0
7/16/2023 22:35	65503 MOJO_T2	0	0	0	0	0	0	-0.81	-0.82	1	1	0	900	900	0
7/16/2023 22:35	53601 DALM_T2	1	1	0	0.5	0.8	0.3	-0.03	0.17	0	0	0	0	0	0
7/16/2023 22:36	63404 HONY_T1	2	2	0	8.1	8.15	0.05	0	0	0	0	0	0	0	0
7/16/2023 22:36	44203 POIN_T2	0	0	0	0	0	0	-0.78	-0.89	2	2	0	2100	2100	0
7/16/2023 22:38	52404 GRPA_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
7/16/2023 22:38	46203 DANV_T2	4	23	19	0.23	0.29	0.06	-0.82	-0.86	0	0	0	0	0	0
7/16/2023 22:38	53501 EVIL_T2	0	0	0	0	0	0	-1.27	-1.28	2	2	0	1200	1200	0
7/16/2023 22:38	52404 GRPA_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
7/16/2023 22:39	52401 GRPA_T2	1	1	0	0.4	0.5	0.1	0	0	0	0	0	0	0	0
7/16/2023 22:39	42701 AUGU_T1	2	2	0	0.45	0.7	0.25	0	0	2	2	0	1800	1800	0
7/16/2023 22:40	44802 EDAN_T2	0	0	0	0	0	0	-1.84	-1.89	1	1	0	1200	1200	0
7/16/2023 22:40	16302 ALPA_T2	0	0	0	0	0	0	-0.47	-0.53	0	0	0	0	0	0
7/16/2023 22:40	42701 AUGU_T1	2	2	0	0.45	0.7	0.25	0	0	2	2	0	1800	1800	0
7/16/2023 22:40	15001 BLMO_T1	0	1	1	0	0.1	0.1	0	0	0	0	0	0	0	0
7/16/2023 22:41	55101 WERT_T1	0	0	0	0	0	0	-1.76	-1.81	3	3	0	2400	2400	0
7/16/2023 22:41	65902 SAKR_T2	0	0	0	0	0	0	-0.1	-0.12	0	0	0	0	0	0
7/16/2023 22:41	45802 HEGI_T2	0	0	0	0	0	0	0.72	0.82	0	0	0	0	0	0
7/16/2023 22:41	42701 AUGU_T1	2	2	0	0.45	0.7	0.25	0	0	2	2	0	1800	1800	0
7/16/2023 22:42	66701 STRA_T1	0	1	1	0	0	0	0	0	0	0	0	0	0	0
7/16/2023 22:42	14403 SSLA_T1	0	0	0	0	0	0	0.37	0.4	1	1	0	600	600	0
7/16/2023 22:42	47001 HUGH_T2	0	0	0	0	0	0	-1.2	-1.24	1	1	0	900	900	0
7/16/2023 22:42	64101 REFR_T1	0	0	0	0	0	0	0.43	0.39	0	0	0	0	0	0
7/16/2023 22:44	57304 MOAL_T2	49	59	10	0.57	0.74	0.17	-0.99	-1.01	0	0	0	0	0	0
7/16/2023 22:44	15001 BLMO_T1	0	1	1	0	0.1	0.1	0	0	0	0	0	0	0	0
7/16/2023 22:44	45302 WBER_T2	0	0	0	0	0	0	0.37	0.38	0	0	0	0	0	0
7/16/2023 22:45	43304 WATS_T2	0	0	0	0	0	0	-0.39	-0.26	0	0	0	0	0	0
7/16/2023 22:54	52401 GRPA_T2	1	1	0	0.5	0.5	0	0	0	0	0	0	0	0	0
7/17/2023 0:28	44502 HAMI_T2	1	1	0	3	3.2	0.2	-0.75	-0.76	0	0	0	0	0	0
7/17/2023 0:28	67901 WNHO_T2	0	0	0	0	0	0	1.07	1.12	1	1	0	900	900	0
7/17/2023 0:28	64301 LINC_T1	0	0	0	0	0	0	-0.24	-0.22	1	1	0	600	600	0
7/17/2023 0:28	64101 REFR_T1	0	0	0	0	0	0	0.46	0.44	0	0	0	0	0	0
7/17/2023 0:28	44901 SCOT_T2	0	0	0	0	0	0	-0.36	-0.26	0	0	0	0	0	0
7/17/2023 0:28	10805 CHHI_T2	1	1	0	7.9	8	0.1	-2.42	-2.44	2	2	0	1200	1200	0
7/17/2023 0:28	56501 ROCK_T2	55	8	-47	0.21	0.4	0.19	-1.25	-1.34	0	0	0	0	0	0
7/17/2023 0:28	11104 EGYP_T1	0	0	0	0	0	0	0.77	0.69	0	0	0	0	0	0
7/17/2023 0:28	13704 SCHN_T2	0	0	0	0	0	0	-0.24	-0.25	0	0	0	0	0	0
7/17/2023 0:28	53601 DALM_T2	1	1	0	1	1.3	0.3	0.04	0.16	0	0	0	0	0	0
7/17/2023 0:28	60502 NMAN_T2	0	0	0	0	0	0	-0.07	-0.14	0	0	0	0	0	0
7/17/2023 0:28	15001 BLMO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
7/17/2023 0:28	10801 CHHI_T1	1	1	0	0.4	0.2	-0.2	-0.12	-0.12	1	1	0	600	600	0
7/17/2023 0:28	41602 CLEV_T1	0	0	0	0	0	0	0	0	1	1	0	600	600	0
7/17/2023 0:29	29401 BELT_T1	0	0	0	0	0	0	0	0	1	1	0	900	900	0
7/17/2023 0:36	50505 MECH_T1	128	230	102	0.19	0.2	0.01	-2.82	-2.86	0	0	0	0	0	0
7/17/2023 0:39	15203 SFAR_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
7/17/2023 8:06	15203 SFAR_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
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Appendix C - Grid Benefits Achieved in Each Instance of Active Management

7/17/2023 10:13	48902 FOSP_T2	0	0	0	0	0	0	0.84	0.01	1	0	-1	1200	0	-1200
7/17/2023 10:13	40902 JESH_T1	0	1	1	0	0	0	-0.11	-0.1	2	2	0	1200	1200	0
7/17/2023 10:15	28403 HART_T2	0	0	0	0	0	0	-0.51	-0.49	1	1	0	900	900	0
7/17/2023 10:15	45001 LIME_2	1	4	3	0.1	0	-0.1	0	0	0	0	0	0	0	0
7/17/2023 10:16	63403 HONY_T2	0	0	0	0	0	0	-0.85	-0.74	1	1	0	600	600	0
7/17/2023 10:17	44202 POIN_T2	0	0	0	0	0	0	-0.75	-0.77	1	1	0	1200	1200	0
7/17/2023 10:19	42201 SHEN_T2	0	0	0	0	0	0	0.24	0.23	1	1	0	600	600	0
7/17/2023 10:21	66504 SMAN_T2	1	0	-1	0.2	0	-0.2	0	0	0	0	0	0	0	0
7/17/2023 10:22	67502 WEWI_T2	0	0	0	0	0	0	-0.58	-0.58	1	1	0	900	900	0
7/17/2023 10:22	15001 BLMO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
7/17/2023 10:23	43304 WATS_T2	0	0	0	0	0	0	-0.54	-0.47	1	1	0	600	600	0
7/17/2023 10:26	23201 HIRU_T2	4	4	0	0.18	0.13	-0.05	0	0	0	0	0	0	0	0
7/17/2023 10:26	17805 GILB_T2	0	0	0	0	0	0	0.55	0.61	0	0	0	0	0	0
7/17/2023 10:28	64204 KINZ_T1	3	7	4	0.27	0.58	0.31	0	0	0	0	0	0	0	0
7/17/2023 10:28	53501 EVIL_T2	0	1	1	0	0.1	0.1	-1.07	-1.2	4	4	0	2700	2700	0
7/17/2023 10:31	52403 GRPA_T2	2	4	2	0.15	0.6	0.45	0	0	0	0	0	0	0	0
7/17/2023 10:32	52502 PROG_T2	0	0	0	0	0	0	-0.23	-0.22	1	1	0	900	900	0
7/17/2023 10:34	42902 MIDD_T2	0	1	1	0	0	0	0.14	0.14	1	1	0	600	600	0
7/17/2023 10:36	66703 STRA_T1	1	0	-1	0.2	0	-0.2	0.69	-0.5	0	0	0	0	0	0
7/17/2023 10:36	56801 BENV_T1	10	1	-9	0.52	0.4	-0.12	0	0	0	0	0	0	0	0
7/17/2023 10:37	59101 WALK_T2	0	0	0	0	0	0	1.64	1.78	1	2	1	600	1050	450
7/17/2023 10:40	53501 EVIL_T2	1	1	0	0.1	0	-0.1	-1.2	-1.1	4	4	0	2700	2700	0
7/17/2023 10:40	15001 BLMO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
7/17/2023 10:42	48902 FOSP_T2	0	0	0	0	0	0	0.33	0.11	0	0	0	0	0	0
7/17/2023 10:42	11101 EGYP_T1	1	1	0	0.4	0.7	0.3	0	0	0	0	0	0	0	0
7/17/2023 10:48	60502 NMAN_T2	0	0	0	0	0	0	0.68	0.69	0	0	0	0	0	0
7/17/2023 10:51	55101 WERT_T1	1	0	-1	0.1	0	-0.1	-1.79	-1.81	4	4	0	3300	3300	0
7/17/2023 10:52	42701 AUGU_T1	0	0	0	0	0	0	0	0	2	2	0	1800	1800	0
7/17/2023 10:52	59202 THOM_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
7/17/2023 10:53	10805 CHHI_T2	10	17	7	1.26	1.15	-0.11	-0.7	-0.69	2	2	0	1800	1800	0
7/17/2023 10:53	29402 BELT_T1	1	3	2	0.1	0.17	0.07	0	0	0	0	0	0	0	0
7/17/2023 10:53	15001 BLMO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
7/17/2023 10:54	11101 EGYP_T1	1	1	0	0.7	0.6	-0.1	0	0	0	0	0	0	0	0
7/17/2023 10:54	60803 BUCK_T1	0	0	0	0	0	0	-0.7	-0.68	1	1	0	600	600	0
7/17/2023 10:55	56803 BENV_T1	2	3	1	1.8	1.63	-0.17	0.46	0.4	0	0	0	0	0	0
7/17/2023 10:56	52404 GRPA_T2	2	0	-2	0.25	0	-0.25	0	0	0	0	0	0	0	0
7/17/2023 10:57	48902 FOSP_T2	0	0	0	0	0	0	0.11	0.12	0	0	0	0	0	0
7/17/2023 10:58	64302 LINC_T2	2	6	4	0.2	0.4	0.2	1.48	1.41	0	0	0	0	0	0
7/17/2023 10:58	44203 POIN_T2	5	6	1	0.54	0.9	0.36	0.5	0.38	2	2	0	2100	2100	0
7/17/2023 11:04	49804 UNIV_T1	0	0	0	0	0	0	2.01	1.98	0	0	0	0	0	0
7/17/2023 11:06	46301 ROHR_T1	1	0	-1	2.5	0	-2.5	0	0	0	0	0	0	0	0
7/17/2023 11:06	56504 ROCK_T2	0	0	0	0	0	0	0.16	0.15	0	0	0	0	0	0
7/17/2023 11:08	10805 CHHI_T2	17	17	0	1.35	1.18	-0.17	-0.69	-0.76	2	2	0	1800	1800	0
7/17/2023 11:08	55101 WERT_T1	0	0	0	0	0	0	-1.81	-1.98	4	4	0	3300	3300	0
7/17/2023 11:09	29402 BELT_T1	0	3	3	0	0.23	0.23	0	0	0	0	0	0	0	0
7/17/2023 11:12	40901 JESH_T1	1	1	0	2	1.8	-0.2	0	0	0	0	0	0	0	0
7/17/2023 11:13	45003 LIME_2	50	56	6	0.51	0.39	-0.12	0	0	1	1	0	1200	1200	0
7/17/2023 11:15	52403 GRPA_T2	4	2	-2	0.7	1.6	0.9	-0.07	-0.02	0	0	0	0	0	0
7/17/2023 11:16	47403 PENS_T1	1	1	0	1.4	1.9	0.5	0	0	0	0	0	0	0	0
7/17/2023 11:17	65604 QVIL_T2	0	2	2	0	0	0	0.79	0.81	0	0	0	0	0	0
7/17/2023 11:17	40101 HUNT_T2	199	83	-116	0.83	0.35	-0.48	0.07	-0.17	0	0	0	0	0	0
7/17/2023 11:21	52502 PROG_T2	0	0	0	0	0	0	-0.01	0.06	1	1	0	900	900	0
7/17/2023 11:21	44301 BEAV_T2	2	2	0	1	0.1	-0.9	1.06	0.62	2	2	0	1500	1500	0
7/17/2023 11:22	29402 BELT_T1	3	3	0	0.17	0.2	0.03	0	0	0	0	0	0	0	0
7/17/2023 11:23	16302 ALPA_T2	0	0	0	0	0	0	0.15	0.16	0	0	0	0	0	0
7/17/2023 11:24	60803 BUCK_T1	0	0	0	0	0	0	-0.59	-0.61	1	1	0	600	600	0
7/17/2023 11:27	52403 GRPA_T2	4	2	-2	0.7	1.6	0.9	-0.02	-0.02	0	0	0	0	0	0
7/17/2023 11:28	61801 EEU_T2	0	0	0	0	0	0	-0.03	-0.03	1	1	0	600	600	0
7/17/2023 11:33	52403 GRPA_T2	1	5	4	1.7	0	-1.7	-0.02	-0.02	0	0	0	0	0	0
7/17/2023 11:36	43302 WATS_T2	0	0	-1	1	0	-1	0	0	0	0	0	0	0	0
7/17/2023 11:51	10805 CHHI_T2	19	7	-12	1	8.3	7.3	-1.2	-1.23	2	2	0	1800	1800	0
7/17/2023 11:54	56501 ROCK_T2	1	1	0	1	0.5	-0.5	0	0	0	0	0	0	0	0
7/17/2023 11:57	52403 GRPA_T2	2	4	2	0.85	0.25	-0.6	0	0	0	0	0	0	0	0
7/17/2023 12:23	60101 COCA_T1	1	0	-1	0.1	0	-0.1	-0.23	-0.24	1	1	0	1200	1200	0
7/17/2023 13:04	57303 MOAL_T2	1	1	0	8.1	8.2	0.1	0	0	0	0	0	0	0	0
7/17/2023 13:38	60701 BREC_T1	0	5	5	0	0	0	0.62	0.47	2	2	0	1200	1200	0
7/17/2023 13:44	23401 HONE_T2	0	3	3	0	0.1	0.1	0.25	0.24	0	0	0	0	0	0
7/17/2023 13:45	52404 GRPA_T2	0	1	1	0	0.4	0.4	0.69	0.79	0	0	0	0	0	0
7/17/2023 13:53	55105 WERT_T1	0	1	1	0	0	0	0	0	0	0	0	0	0	0
7/17/2023 13:55	22001 BOHE_T1	1	2	1	0.1	0	-0.1	-1.39	-0.17	1	1	0	600	600	0
7/17/2023 14:00	64202 KINZ_T1	20	45	25	0.66	0.58	-0.08	0	0	0	0	0	0	0	0
7/17/2023 14:09	55101 WERT_T1	39	42	3	0.7	0.85	0.15	-1.36	-1.39	4	4	0	3300	3300	0
7/17/2023 14:17	64202 KINZ_T1	41	45	4	0.6	0.62	0.02	0	0	0	0	0	0	0	0
7/17/2023 14:23	46206 DANV_T2	5	2	-3	0.92	0.3	-0.62	0	0	0	0	0	0	0	0
7/17/2023 14:27	52402 GRPA_T2	3	10	7	0.17	0.66	0.49	0	0	0	0	0	0	0	0
7/17/2023 14:29	63401 HONY_T1	0	0	0	0	0	0	0.73	0.77	1	1	0	600	600	0
7/17/2023 14:32	41903 REED_T1	4	4	0	0.9	0.78	-0.12	0	0	0	0	0	0	0	0
7/17/2023 14:34	65901 SAKR_T2	2	3	1	0.15	0.1	-0.05	-0.5	-0.37	2	2	0	1500	1500	0
7/17/2023 14:36	43304 WATS_T2	5	10	5	0.3	0.15	-0.15	-0.74	-0.79	1	1	0	600	600	0
7/17/2023 14:38	55101 WERT_T1	32	98	66	0.88	0.7	-0.18	-1.31	-1.37	4	4	0	3300	3300	0
7/17/2023 14:41	28601 BLYT_T2	1	1	0	1.8	1.5	-0.3	0	0	0	0	0	0	0	0
7/17/2023 14:42	46001 BERW_T1	0	0	0	0	0	0	1.48	0.97	0	0	0	0	0	0
7/17/2023 14:42	60101 COCA_T1	0	0	0	0	0	0	-0.08	-0.07	1	1	0	1200	1200	0
7/17/2023 14:43	20401 ASHF_T2	4	6	2	1.55	0.78	-0.77	0	0	0	0	0	0	0	0
7/17/2023 14:44	53501 EVIL_T2	1	4	3	0.2	0.1	-0.1	-1.18	-1.38	4	4	0	2700	2700	0
7/17/2023 14:44	61101 BERK_T5	8	1	-7	0.36	0.4	0.04	0	0	0	0	0	0	0	0
7/17/2023 14:45	52402 GRPA_T2	8	9	1	0.69	0.7	0.01	0	0	0	0	0	0	0	0
7/17/2023 14:45	53902 HALI_T2	0	0	0	0	0	0	-0.63	-0.59	0	0	0	0	0	0
7/17/2023 14:45	53601 DALM_T2	4	4	0	0.73	0.5	-0.23	-0.23	-0.16	1	1	0	900	900	0
7/17/2023 14:46	24102 EHAZ_T1	4	10	6	0.6	0.65	0.05	0	0	0	0	0	0	0	0
7/17/2023 14:47	64201 KINZ_T1	26	80	54	0.49	0.66	0.17	-1.15	-1.05	5	5	0	3300	3300	0
7/17/2023 14:47	23401 HONE_T2	0	0	0	0	0	0	0.26	0.22	0	0	0	0	0	0
7/17/2023 14:50	57303 MOAL_T2	1	1	0	8.8	8.7	-0.1	0	0	0	0	0	0	0	0
7/17/2023 14:50	63404 HONY_T1	65	69	4	0.98	1.07	0.09	0	0	0	0	0	0	0	0
7/17/2023 14:51	43202 MVIL_T2	1	1	0	0.1	0	-0.1	-0.33	-0.34	0	0	0	0	0	0
7/17/2023 14:53	56501 ROCK_T2	1	1	0	1.8	0.8	-1	0	0	0	0	0	0	0	0
7/17/2023 14:54	66504 SMAN_T2	8	13	5	0.23	0.24	0.01	0	0	0	0	0	0	0	0
7/17/2023 14:54	66703 STRA_T1	0	0	0	0	0	0	-0.12	-0.17	0	0	0	0	0	0
7/17/2023 14:55	41901 REED_T1	0	3	3	0	0.1	0.1	-0.65	-0.74	1	1	0	900	900	0
7/17/2023 14:56	16505 STRO_T1	10	10	0	1.93	1.37	-0.56	0.98	0.88	0	0	0	0	0	0
7/17/2023 14:57	67204 TEHI_T2	0	0	0	0	0	0	0.17	0.17	0	0	0	0	0	0
7/17/2023 14:57	59101 WALK_T2	1	1	0	0.7	0.4	-0.3	0.78	0.8	3	3	0	1650	1650	0
7/17/2023 14:58	53601 DALM_T2	4	4	0	0.73	0.5	-0.23	-0.16	-0.55	1	1	0	900	900	0
7/17/2023 14:58	60701 BREC_T1	2	7	5	0.3	0.33	0.03	0.67	0.63	2	2	0	1200	1200	0
7/17/2023 14:59	56801 BENV_T1	0	8	8	0	1.06	1.06	0	0	0	0	0	0	0	0
7/17/2023 14:59	10805 CHHI_T2	32	9	-23	0.88	4.4	3.52	-1.26	-1.4	2	2	0	1800	1800	0
7/17/2023 14:59	51107 CARL_T1	0	0	0	0	0	0	-0.07	-0.31	0	0	0	0	0	0
7/17/2023 15:00	52402 GRPA_T2	7	5	-2	0.91	0.7	-0.21	0	0	0	0	0	0	0	0
7/17/2023 15:00	48901 FOSP_T2	0	0	0	0	0	0	-0.01	-0.05	1	1	0	600	600	0
7/17/2023 15:01	58803 COCO_T1	2	2	0	1.45	1.7	0.25	-0.66	-0.79	1	1	0	600	600	0
7/17/2023 15:01	53902 HALI_T2	0	0	0	0	0	0	-0.59	-0.64	0	0	0	0	0	0
7/17/2023 15:04	45001 LIME_2	44	45	1	0.85	0.65	-0.2	0	0	0	0	0	0	0	0
7/17/2023 15:04	64204 KINZ_T1	177	145	-32	0.57	0.61	0.04	0	0	0	0	0	0	0	0
7/17/2023 15:04	59001 MIFF_T1	0	1	1	0	0.6	0.6	0	0	0	0	0	0	0	0
7/17/2023 15:05	13105 NHAM_T2	115	188	73	0.83	0.78	-0.05	-0.35	-0.34	1	1	0	1200	1200	0
7/17/2023 15:07	48302 ORWI_T2	0	5	5	0	0.2	0.2	-0.05	-0.08	0	0	0	0	0	0
7/17/2023 15:07	13704 SCHN_T2	0	0	0	0	0	0	-0.05	-0.13	0	0	0	0	0	0
7/17/2023 15:08	67204 TEHI_T2	0	0	0	0	0	0	0.17	0.11	0	0	0	0	0	0
7/17/2023 15:09	59101 WALK_T2	1	8	7	0.4	0.4	0	0.8	1.04	3	3	0	1650	1650	0
7/17/2023 15:10	65902 SAKR_T2	0	4	4	0	0.23	0.23	-0.54	-0.49	2	2	0	1200	1200	0
7/17/2023 15:12	55101 WERT_T1	92	34	-58	0.78	0.24	-0.54	-1.68	-2	4	4	0	3300	3300	0
7/17/2023 15:12	61102 BERK_T5	0	0	0	0	0	0	0.16	0.18	3	3	0	2400	2400	0
7/17/2023 15:12	66703 STRA_T1	0	0	0	0	0	0	-0.17	-0.11	0	0	0	0	0	0
7/17/2023 15:12	45302 WBER_T2	0	0	0	0	0	0	0.59	0.6	0	0	0	0	0	0
7/17/2023 15:13	29402 BELT_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
7/17/2023 15:13	60701 BREC_T1	7	6	-1	0.43	0.23	-0.2	0.63	0.55	2	2	0	1200	1200	0
7/17/2023 15:18	53902 HALI_T2	0	0	0	0	0	0	-0.64	-0.6	0	0	0	0	0	0
7/17/2023 15:19	26401 INOR_T1	15	33	18	0.89	0.71	-0.18	0	0	0	0	0	0	0	0
7/17/2023 15:21	45001 LIME_2	41	44	3	0.75	0.54	-0.21	0	0	0	0	0	0	0	0
7/17/2023 15:21	59302 MCAL_T1	50	62	12	1.52	1.84	0.32	0	0	0	0	0	0	0	0
7/17/2023 15:22	41902 REED_T1	22	36	14	0.53	0.82	0.29	0.72	0.69	1	1	0	900	900	0
7/17/2023 15:23	65503 MOJO_T2	3	1	-2	0.43	0.1	-0.33	0.14	0.1	1	1	0	900	900	0
7/17/2023 15:24	45302 WBER_T2	0	0	0	0	0	0	0.6	0.63	0	0	0	0	0	0
7/17/2023 15:27	60701 BREC_T1	6	4	-2	0.33	0.33	0	0.55	0.4	2	2	0	1200	1200	0
7/17/2023 15:27	42701 AUGU_T1	2	5	3	1.05	1.9	0.85	0	0	6	6	0	5400	5400	0
7/17/2023 15:28	55101 WERT_T1	34	25	-9	0.67	0.24	-0.43	-2	-1.91	4	4	0	3300	3300	0
7/17/2023 15:33	45001 LIME_2	42	40	-2	0.68	0.57	-0.11	0	0	0	0	0	0	0	0
7/17/2023 15:33	48901 FOSP_T2	0	0	0	0	0	0	-0.02	-0.04	1	1	0	600	600	0
7/17/2023 15:35	52403 GRPA_T2	2	5	3	0.75	0.4	-0.35	0	0	0	0	0	0	0	0
7/17/2023 15:39	41902 REED_T1	28	36	8	0.76	0.75	-0.01	0.69	0.7	1	1	0	900	900	0
7/17/2023 15:42	59101 WALK_T2	8	131	123	0.73	0.52	-0.21	1.51	1.45	3	3	0	1650	1650	0
7/17/2023 15:43	42701 AUGU_T1	3	4	1	1.33	1.9	0.57	0	0	2	2	0	1800	1800	0
7/17/2023 15:45	52401 GRPA_T2	43	50	7	0.51	0.46	-0.05	0	0	0	0	0	0	0	0
7/17/2023 15:45	48901 FOSP_T2	0	0	0	0	0	0	-0.04	-0.06	1	1	0	600	600	0
7/17/2023 15:47	25402 LAHA_T2	0	0	0	0	0	0	-0.39	-0.41	0	0	0	0	0	0
7/17/2023 15:53	47402 PENS_T1	0	2	2	0	0.2	0.2	0	0	0	0	0	0	0	0
7/17/2023 15:54	59101 WALK_T2	131	99	-32	0.64	0.35	-0.29	1.45	1.24	3	3	0	1650	1650	0
7/17/2023 15:57	42701 AUGU_T1	4	3	-1	1.1	1.2	0.1	0	0	2	2	0	1800	1800	0
7/17/2023 16:03	53501 EVIL_T2	13	9	-4	0.65	0.48	-0.17	-1.55	-1.42	4	4	0	2700	2700	0
7/17/2023 16:04	53902 HALI_T2	0	1	1	0	0	0	-0.53	-0.56	0	0	0	0	0	0
7/17/2023 16:05	53902 HALI_T2	0	1	1	0	0	0	-0.53	-0.56	0	0	0	0	0	0
7/17/2023 16:08	57303 MOAL_T2	1	1	0	8.3	8.4	0.1	0	0	0	0	0	0	0	0
7/17/2023 16:08	15203 SFAR_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
7/17/2023 16:25	61202 REIN_T1	0	0	0	0	0	0	0	0	1	1	0	900	900	0
7/17/2023 16:34	40901 JESH_T1	1	2	1	2	1.7	-0.3	0	0	0	0	0	0	0	0
7/17/2023 16:39	43304 WATS_T2	20	19	-1	0.51	0.35	-0.16	-0.84	-0.81	1	1	0	600	600	0
7/17/2023 16:47	45802 HEGI_T2	2	21	19	0.9	0.48	-0.42	-0.01	0.21	2	2	0	1200	1200	0
7/17/2023 16:54	65503 MOJO_T2	0	0	0	0	0	0	0.1	0.04	1	1	0	900	900	0
7/17/2023 16:55	47401 PENS_T1	3	5	2	0.27	0.2	-0.07	0.5	0.46	0	0	0	0	0	0
7/17/2023 17:07	66505 SMAN_T2	52	66	14	0.55	0.35	-0.2	0	0	0	0	0	0	0	0
7/17/2023 17:38	13104 NHAM_T1	8	14	6	0.71	0.27	-0.44	0	0	0	0	0	0	0	0
7/17/2023 17:47	51904 COPA_T1	0	1	1	0	0	0	0	0	0	0	0	0	0	0
7/17/2023 17:53	15204 SFAR_T2	0	0	0	0	0	0	1.39	1.36	0	0	0	0	0	0
7/17/2023 18:03	12701 MACU_T1	129	107	-22	0.93	0.5	-0.43	-0.46	-0.44	1	1	0	1200	1200	0
7/17/2023 18:25	15203 SFAR_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
7/17/2023 19:22	44203 POIN_T2	5	6	1	1.76	0.83	-0.93	-0.39	-0.33	3	2	-1	3300	2100	-1200
7/17/2023 19:36	47403 PENS_T1	67	1	-66	0.81	0.9	0.09	0.96	0.8	0	0	0	0	0	0
7/17/2023 19:46	52404 GRPA_T2	0	1	1	0	0	0	0	0	0	0	0	0	0	0
7/17/2023 19:49	52404 GRPA_T2	0	1	1	0	0	0	0.78	0.8	0	0	0	0	0	0
7/17/2023 19:53	52403 GRPA_T2	0	8	8	0	0	0	0.34	0.53	0	0	0	0	0	0
7/17/2023 20:11	62607 ENGL_T1	2	13	11	0.2	1.57	1.37	0	0	0	0	0	0	0	0
7/17/2023 20:13	48902 FOSP_T2	0	0	0	0	0	0	0.26	0.22	0	0	0	0	0	0
7/17/2023 20:23	15001 BLMO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
7/17/2023 20:34	59101 WALK_T2	0	0	0	0	0	0	0.94	0.81	1	1	0	450	450	0
7/17/2023 20:36	15001 BLMO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
7/17/2023 20:42	48902 FOSP_T2	0	0	0	0	0	0	0.23	0.18	0	0	0	0	0	0
7/17/2023 20:52	59202 THOM_T1	0	1	1	0	0.1	0.1	0	0	0	0	0	0	0	0
7/17/2023 20:53	60803 BUCK_T1	0

Appendix C - Grid Benefits Achieved in Each Instance of Active Management

7/17/2023 22:11	24105 EHAZ_T1	4	4	0	5.45	5.1	-0.35	0	0	0	0	0	0	0	0
7/17/2023 22:12	53501 EVIL_T2	0	1	1	0	0.1	0.1	-1.17	-1.18	2	2	0	1200	1200	0
7/17/2023 22:12	51906 COPA_T1	0	0	0	0	0	0	-1.45	-1.48	2	2	0	1500	1500	0
7/17/2023 22:12	46001 BERW_T1	0	0	0	0	0	0	0.11	0.05	0	0	0	0	0	0
7/17/2023 22:13	45802 WBER_T2	0	0	0	0	0	0	0.46	0.43	0	0	0	0	0	0
7/17/2023 22:13	45802 HEGI_T2	0	0	0	0	0	0	0.06	-0.04	2	2	0	1200	1200	0
7/17/2023 22:14	46302 ROHR_T1	2	5	3	0.2	0.37	0.17	0.3	0.29	0	0	0	0	0	0
7/17/2023 22:14	28403 HART_T2	0	0	0	0	0	0	-0.4	-0.43	1	1	0	900	900	0
7/17/2023 22:14	66504 SMAN_T2	0	0	0	0	0	0	-0.92	-1.38	2	2	0	2400	2400	0
7/17/2023 22:15	65503 MOJO_T2	0	0	0	0	0	0	-0.69	-0.75	1	1	0	900	900	0
7/17/2023 22:16	25402 LAHA_T2	0	0	0	0	0	0	-0.69	-0.69	0	0	0	0	0	0
7/17/2023 22:16	65901 SAKR_T2	0	0	0	0	0	0	-0.61	-0.82	1	1	0	900	900	0
7/17/2023 22:17	63403 HONY_T2	0	0	0	0	0	0	-0.62	-0.63	0	0	0	0	0	0
7/17/2023 22:17	64204 KINZ_T1	1	1	0	1.2	1	-0.2	0	0	0	0	0	0	0	0
7/17/2023 22:18	17805 GILB_T2	0	0	0	0	0	0	0.66	0.33	0	0	0	0	0	0
7/17/2023 22:18	64204 KINZ_T1	1	1	0	1.2	1	-0.2	0	0	0	0	0	0	0	0
7/17/2023 22:19	13704 SCHN_T2	0	0	0	0	0	0	0.28	0.27	0	0	0	0	0	0
7/17/2023 22:20	43304 WATS_T2	0	0	0	0	0	0	0.28	-0.58	0	0	0	0	0	0
7/17/2023 22:20	16505 STRO_T1	0	0	0	0	0	0	0.44	0.44	0	0	0	0	0	0
7/17/2023 22:20	67204 TEHI_T2	0	0	0	0	0	0	-0.02	-0.04	0	0	0	0	0	0
7/17/2023 22:21	57303 MOAI_T2	1	1	0	7.6	7.4	-0.2	0	0	0	0	0	0	0	0
7/17/2023 22:21	66505 SMAN_T2	0	0	0	0	0	0	0.02	-0.06	3	3	0	2100	2100	0
7/17/2023 22:21	66701 STRA_T1	0	1	1	0	0	0	0	0	0	0	0	0	0	0
7/17/2023 22:22	48302 ORWI_T2	2	2	0	1.4	1.35	-0.05	-0.52	-0.5	0	0	0	0	0	0
7/17/2023 22:22	58803 COCO_T1	2	2	0	1.5	1.8	0.3	-0.65	-0.72	0	0	0	0	0	0
7/17/2023 22:23	45003 LIME_2	2	2	0	1.45	1.6	0.15	0	0	1	1	0	1200	1200	0
7/17/2023 22:24	56803 BENV_T1	0	0	0	0	0	0	0.09	0.15	0	0	0	0	0	0
7/17/2023 22:25	57303 MOAI_T2	1	1	0	7.6	7.4	-0.2	0	0	0	0	0	0	0	0
7/17/2023 22:25	60701 BREC_T1	0	0	0	0	0	0	-0.13	-0.18	1	1	0	600	600	0
7/17/2023 22:25	42201 SHEN_T2	0	0	0	0	0	0	0.14	0.13	1	1	0	600	600	0
7/17/2023 22:26	63404 HONY_T1	3	3	0	5.47	5.97	0.5	0	0	0	0	0	0	0	0
7/17/2023 22:26	61102 BERK_T5	0	0	0	0	0	0	0.35	0.21	3	3	0	2400	2400	0
7/17/2023 22:27	45001 LIME_2	150	182	32	0.63	0.72	0.09	0	0	0	0	0	0	0	0
7/17/2023 22:27	61202 REIN_T1	0	0	0	0	0	0	0	0	1	1	0	900	900	0
7/17/2023 22:27	67204 TEHI_T2	0	0	0	0	0	0	-0.02	-0.04	0	0	0	0	0	0
7/17/2023 22:28	45003 LIME_2	2	2	0	1.45	1.6	0.15	0	0	1	1	0	1200	1200	0
7/17/2023 22:29	66505 SMAN_T2	0	0	0	0	0	0	0.02	-0.06	3	3	0	2100	2100	0
7/17/2023 22:30	45001 LIME_2	180	165	-15	0.73	0.62	-0.11	0	0	0	0	0	0	0	0
7/17/2023 22:30	61801 EEU_T2	0	0	0	0	0	0	0.3	0.26	0	0	0	0	0	0
7/17/2023 22:31	60701 BREC_T1	0	0	0	0	0	0	-0.13	-0.18	1	1	0	600	600	0
7/17/2023 22:31	40902 JESH_T1	0	1	1	0	0	0	0.03	0.02	1	1	0	600	600	0
7/17/2023 22:31	61102 BERK_T5	0	0	0	0	0	0	0.35	0.21	3	3	0	2400	2400	0
7/17/2023 22:32	44202 POIN_T2	0	0	0	0	0	0	-0.63	-0.65	1	1	0	1200	1200	0
7/17/2023 22:33	65902 SAKR_T2	0	0	0	0	0	0	-0.38	-0.38	1	1	0	300	300	0
7/17/2023 22:33	60101 COCA_T1	0	0	0	0	0	0	-0.46	0.73	0	0	0	0	0	0
7/17/2023 22:36	45602 WOOL_T1	1	0	-1	0.2	0	-0.2	0.84	0.76	0	0	0	0	0	0
7/17/2023 22:42	66703 STRA_T1	0	0	0	0	0	0	0.22	0.17	0	0	0	0	0	0
7/17/2023 22:42	40902 JESH_T1	0	1	1	0	0	0	0.02	0	1	1	0	600	600	0
7/18/2023 0:28	29402 BELT_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
7/18/2023 0:28	13101 NHAM_T1	0	0	0	0	0	0	-1.85	-1.88	2	2	0	2100	2100	0
7/18/2023 0:28	44502 HAMI_T2	1	1	0	3.2	3.4	0.2	-0.72	-0.75	0	0	0	0	0	0
7/18/2023 0:28	67502 WEWI_T2	0	0	0	0	0	0	-1.05	-1.15	1	1	0	900	900	0
7/18/2023 0:28	20402 ASHF_T2	0	1	1	0	0	0	0	0	0	0	0	0	0	0
7/18/2023 0:28	59003 MIFF_T1	0	1	1	0	0.3	0.3	-0.41	-0.46	0	0	0	0	0	0
7/18/2023 0:28	10805 CHHI_T2	1	1	0	8.3	8	-0.3	-2.12	-2.36	2	2	0	1200	1200	0
7/18/2023 0:28	55101 WERT_T1	0	0	0	0	0	0	-2.11	-2.04	3	3	0	2400	2400	0
7/18/2023 0:28	15204 SFAR_T2	0	0	0	0	0	0	1.34	1.28	0	0	0	0	0	0
7/18/2023 0:28	53903 HAU_T2	2	2	0	1.1	1.25	0.15	0	0	0	0	0	0	0	0
7/18/2023 0:28	26401 INOR_T1	8	20	12	0.2	0.19	-0.01	0	0	0	0	0	0	0	0
7/18/2023 0:28	16302 ALPA_T2	0	0	0	0	0	0	-0.42	-0.45	0	0	0	0	0	0
7/18/2023 0:28	44302 BEAV_T2	0	23	23	0	0.13	0.13	0	0	0	0	0	0	0	0
7/18/2023 0:28	29402 BELT_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
7/18/2023 0:28	42902 MIDD_T2	0	12	12	0	0.15	0.15	0.75	0.76	0	0	0	0	0	0
7/18/2023 0:28	15203 SFAR_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
7/18/2023 0:28	59302 MCAL_T1	0	1	1	0	0.4	0.4	0	0	0	0	0	0	0	0
7/18/2023 0:28	15001 BLMO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
7/18/2023 0:28	13105 NHAM_T2	6	0	-6	0.42	0	-0.42	-0.77	-0.81	1	1	0	1200	1200	0
7/18/2023 0:28	60501 NMAN_T2	3	3	0	4.27	4.63	0.36	0	0	0	0	0	0	0	0
7/18/2023 0:28	60701 BREC_T1	0	0	0	0	0	0	-0.25	-0.32	1	1	0	600	600	0
7/18/2023 0:28	22001 BOHE_T1	0	0	0	0	0	0	-0.29	-0.31	1	1	0	600	600	0
7/18/2023 0:28	28604 BLYT_T2	0	0	0	0	0	0	-1.24	-1.15	0	0	0	0	0	0
7/18/2023 0:28	23401 HONE_T2	0	0	0	0	0	0	-0.09	-0.11	0	0	0	0	0	0
7/18/2023 0:28	12701 MACU_T1	0	0	0	0	0	0	-0.95	-0.97	1	1	0	1200	1200	0
7/18/2023 0:28	52502 PROG_T2	0	0	0	0	0	0	-0.4	-0.37	1	1	0	900	900	0
7/18/2023 0:28	41901 REED_T1	0	1	1	0	0.3	0.3	-1.34	-1.31	1	1	0	900	900	0
7/18/2023 0:28	43304 WATS_T2	0	0	0	0	0	0	-0.41	-0.44	0	0	0	0	0	0
7/18/2023 0:28	53501 EVIL_T2	2	6	4	0.2	0.23	0.03	-0.97	-0.98	1	1	0	600	600	0
7/18/2023 0:28	11104 EGYP_T1	0	0	0	0	0	0	0.8	0.76	0	0	0	0	0	0
7/18/2023 8:12	66505 SMAN_T2	0	1	1	0	0	0	0	0	0	0	0	0	0	0
7/18/2023 8:12	59101 WALK_T2	0	0	0	0	0	0	1.89	2.42	0	0	0	0	0	0
7/18/2023 8:17	51906 COPA_T1	0	0	0	0	0	0	-0.81	-0.72	2	2	0	1500	1500	0
7/18/2023 8:24	15204 SFAR_T2	0	0	0	0	0	0	0.46	0.49	0	0	0	0	0	0
7/18/2023 8:24	58402 MORO_T1	0	0	0	0	0	0	-0.7	-0.69	2	2	0	1500	1500	0
7/18/2023 8:35	56601 HAMP_T1	477	116	-361	0.35	0.19	-0.16	0.24	0.23	0	0	0	0	0	0
7/18/2023 8:40	47401 PENS_T1	2	1	-1	0.5	0.1	-0.4	1.08	1.07	0	0	0	0	0	0
7/18/2023 8:40	58402 MORO_T1	0	0	0	0	0	0	-0.69	-0.59	2	2	0	1500	1500	0
7/18/2023 8:45	61102 BERK_T5	0	0	0	0	0	0	0.94	1.04	2	2	0	1200	1200	0
7/18/2023 8:47	53601 DALM_T2	2	2	0	0.3	0.9	0.6	-0.21	-0.22	1	1	0	900	900	0
7/18/2023 8:57	67204 TEHI_T2	0	0	0	0	0	0	-0.2	-0.16	0	0	0	0	0	0
7/18/2023 8:57	42902 MIDD_T2	457	463	6	3.33	3.19	-0.14	0.82	0.66	1	1	0	600	600	0
7/18/2023 9:01	61102 BERK_T5	0	0	0	0	0	0	1.04	1.06	2	2	0	1200	1200	0
7/18/2023 9:07	47001 HUGH_T2	1	4	3	0.1	0.18	0.08	-1.3	-1.36	1	1	0	900	900	0
7/18/2023 9:08	13101 NHAM_T1	0	0	0	0	0	0	-1.14	-1.08	2	2	0	2100	2100	0
7/18/2023 9:19	45802 HEGI_T2	0	0	0	0	0	0	0.12	0.2	2	2	0	1200	1200	0
7/18/2023 9:28	60101 COCA_T1	0	0	0	0	0	0	0.75	0.78	0	0	0	0	0	0
7/18/2023 9:31	29402 BELT_T1	1	0	-1	0.1	0	-0.1	0	0	0	0	0	0	0	0
7/18/2023 9:38	43202 MVIL_T2	0	0	0	0	0	0	-0.52	-0.48	0	0	0	0	0	0
7/18/2023 9:38	44505 HAMI_T2	0	1	1	0	0	0	0	0	0	0	0	0	0	0
7/18/2023 9:42	56802 BENV_T2	1	1	0	0.7	0.8	0.1	-1.03	-1.05	0	0	0	0	0	0
7/18/2023 9:44	24105 EHAZ_T1	4	4	0	5.65	5.65	0	0	0	0	0	0	0	0	0
7/18/2023 9:44	56802 BENV_T2	1	1	0	0.7	0.8	0.1	-1.03	-1.05	0	0	0	0	0	0
7/18/2023 9:49	40902 JESH_T1	1	0	-1	0.7	0	-0.7	0.01	0.03	3	3	0	1800	1800	0
7/18/2023 9:54	41903 REED_T1	4	4	0	0.4	0.4	0	0	0	0	0	0	0	0	0
7/18/2023 9:59	43304 WATS_T2	0	0	0	0	0	0	-0.61	-0.61	1	1	0	600	600	0
7/18/2023 9:59	20403 ASHF_T2	0	1	1	0	0.1	0.1	1.48	1.66	0	0	0	0	0	0
7/18/2023 9:59	29401 BELT_T1	0	9	9	0	0.17	0.17	0	0	1	1	0	900	900	0
7/18/2023 10:00	20402 ASHF_T2	0	10	10	0	1.16	1.16	0	0	0	0	0	0	0	0
7/18/2023 10:00	64801 MONE_T2	0	0	0	0	0	0	0.65	0.67	0	0	0	0	0	0
7/18/2023 10:00	56601 HAMP_T1	144	24	-120	0.23	0.17	-0.06	0.27	0.21	0	0	0	0	0	0
7/18/2023 10:00	67604 WARW_T1	0	0	0	0	0	0	0.39	0.36	0	0	0	0	0	0
7/18/2023 10:00	12604 MACA_T1	0	0	0	0	0	0	0.71	0.73	0	0	0	0	0	0
7/18/2023 10:00	65901 SAKR_T2	0	0	0	0	0	0	-1	-1.05	2	2	0	1500	1500	0
7/18/2023 10:00	52503 PROG_T2	0	0	0	0	0	0	-0.38	-0.32	1	1	0	900	900	0
7/18/2023 10:00	15604 NSTR_T1	0	0	0	0	0	0	0.3	0.33	0	0	0	0	0	0
7/18/2023 10:00	15204 SFAR_T2	0	0	0	0	0	0	0.63	0.68	0	0	0	0	0	0
7/18/2023 10:00	56802 BENV_T2	1	4	3	0.8	0.45	-0.35	-1.05	-1	0	0	0	0	0	0
7/18/2023 10:07	48302 ORWI_T2	2	2	0	0.65	0.65	0	0.18	0.18	0	0	0	0	0	0
7/18/2023 10:10	44202 POIN_T2	0	0	0	0	0	0	-0.88	-0.77	1	1	0	1200	1200	0
7/18/2023 10:12	66505 SMAN_T2	0	0	0	0	0	0	0.53	0.34	3	3	0	2100	2100	0
7/18/2023 10:13	15001 BLMO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
7/18/2023 10:14	56802 BENV_T2	1	4	3	0.8	0.45	-0.35	-1	-0.96	0	0	0	0	0	0
7/18/2023 10:19	48902 FOSP_T2	0	0	0	0	0	0	-0.08	-0.16	0	1	1	0	1200	1200
7/18/2023 10:19	28403 HART_T2	0	0	0	0	0	0	-0.45	-0.42	1	1	0	900	900	0
7/18/2023 10:22	49804 UNIV_T1	0	0	0	0	0	0	1.93	1.71	0	0	0	0	0	0
7/18/2023 10:24	42201 SHEN_T2	0	0	0	0	0	0	0.2	0.2	1	1	0	600	600	0
7/18/2023 10:24	16402 MOPO_T1	0	0	0	0	0	0	0.09	0.08	0	0	0	0	0	0
7/18/2023 10:25	66505 SMAN_T2	0	0	0	0	0	0	0.34	0.29	3	4	1	2100	2300	200
7/18/2023 10:26	61202 REIN_T1	0	0	0	0	0	0	0	0	1	1	0	900	900	0
7/18/2023 10:26	52502 PROG_T2	0	0	0	0	0	0	-0.28	-0.3	1	1	0	900	900	0
7/18/2023 10:27	59101 WALK_T2	1	0	-1	0.2	0	-0.2	2	1.88	1	1	0	600	600	0
7/18/2023 10:28	15001 BLMO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
7/18/2023 10:30	24901 WHHA_T1	0	0	0	0	0	0	1.19	1.1	0	0	0	0	0	0
7/18/2023 10:30	45602 WOOL_T1	0	0	0	0	0	0	0.74	0.77	0	0	0	0	0	0
7/18/2023 10:31	28604 BLYT_T2	0	0	0	0	0	0	-1.13	-1.08	0	0	0	0	0	0
7/18/2023 10:33	12202 FOGI_T2	1	1	0	0.5	0.7	0.2	-0.05	-0.06	1	1	0	600	600	0
7/18/2023 10:36	64204 KINZ_T1	2	1	-1	0.75	0.9	0.15	0	0	0	0	0	0	0	0
7/18/2023 10:37	61202 REIN_T1	0	0	0	0	0	0	0	0	1	1	0	900	900	0
7/18/2023 10:39	59003 MIFF_T1	0	0	0	0	0	0	-0.78	-0.67	0	0	0	0	0	0
7/18/2023 10:40	42902 MIDD_T2	526	512	-14	4.26	0.6	-3.66	0.81	0.78	1	1	0	600	600	0
7/18/2023 10:41	66703 STRA_T1	0	0	0	0	0	0	0.71	0.63	0	0	0	0	0	0
7/18/2023 10:41	62604 ENGI_T1	0	0	0	0	0	0	-0.99	-0.92	1	1	0	600	600	0
7/18/2023 10:42	15001 BLMO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
7/18/2023 10:45	53502 EVIL_T2	1	0	-1	0.1	0	-0.1	0	0	0	0	0	0	0	0
7/18/2023 10:45	56802 BENV_T2	1	1	0	1	1	0	-0.96	-0.93	0	0	0	0	0	0
7/18/2023 10:45	59101 WALK_T2	0	0	0	0	0	0	1.88	1.79	1	1	0	600	600	0
7/18/2023 10:47	63403 HONY_T2	0	0	0	0	0	0	-0.47	-0.44	1	1	0	600	600	0
7/18/2023 10:53	52403 GRPA_T2	3	1	-2	1.4	0	-1.4	0.41	0.46	0	0	0	0	0	0
7/18/2023 10:55	60502 NMAN_T2	0	1	1	0	0	0	0.68	0.73	0	0	0	0	0	0
7/18/2023 10:59	55101 WERT_T1	0	0	0	0	0	0	-1.63	-1.71	4	4	0	3300	3300	0
7/18/2023 11:02	53501 EVIL_T2	0	1	1	0	0.3	0.3	-0.57	-1.6	4	4	0	2700	2700	0
7/18/2023 11:02	28403 HART_T2	0	0	0	0	0	0	-0.39	-0.42	1	1	0	900	900	0
7/18/2023 11:02	52403 GRPA_T2	1	1	0	1.5	0	-1.5	0.41	0.46	0	0	0	0	0	0
7/18/2023 11:02	56802 BENV_T2	1	1	0	1	1	0	-1.86	-1.82	0	0	0	0	0	0
7/18/2023 11:03	42002 MNVL_T2	1	1	0	3.9	3.9	0	0	0	0	0	0	0	0	0
7/18/2023 11:04	41801 GOCI_T2	0	12	12	0	0.16	0.16	0	0	1	0	-1	900	0	-900
7/18/2023 11:06	52403 GRPA_T2	1	1	0	1.5	0	-1.5	0.46	0.39	0	0	0	0	0	0
7/18/2023 11:10	58003 WCAR_T1	5	38	33	0.84	0.32	-0.52	1.16	1.16	0	0	0	0	0	0
7/18/2023 11:12	24901 WHHA_T1	0	0	0	0	0	0	1.25	1.26	0	0	0	0	0	0
7/18/2023 11:12	42701 AUGU_T1	0	0	0	0	0	0	0	0	2	2	0	1800	1800	0
7/18/2023 11:12	44201 POIN_T1	0	0	0	0	0	0	-0.29	0.84	2	2	0	2100	2100	0
7/18/2023 11:13	55101 WERT_T1	0	0	0	0	0	0	-1.71	-1.67	4	4	0	3300	3300	0
7/18/2023 11:14	61801 EEU_T2	0	0	0	0	0	0	-0.08	-0.13	1	1	0	600	600	0
7/18/2023 11:14	58803 COCO_T1	2	2	0	1	1.3	0.3	0.05	0	1	1	0	600	600	0
7/18/2023 11:17	60803 BUCK_T1	0	0	0	0	0	0	-0.67	-0.6	1	1	0	600	600	0
7/18/2023 11:20	17804 GILB_T2	2	2	0	0.35	0.25	-0.1	0	0	0	0	0	0	0	0
7/18/2023 11:21	52402 GRPA_T2	0	3	3	0	0.37	0.37	0	0	0	0	0	0	0	0
7/18/2023 11:23	57303 MOAI_T2	1	1	0	7.4	7.5	0.1	0	0	0	0	0	0	0	0
7/18/2023 11:25	65902 SAKR_T2	0	0	0	0	0	0	-0.78	-0.94	2	2	0	1200	1200	0
7/18/2023 11:27	55101 WERT_T1	0	0	0	0	0	0	-1.67	-1.61	4	4	0	3300	3300	0
7/18/2023 11:27	56504 ROCK_T2	0	0	0	0	0	0	0.2	0.15	0	0	0	0	0	0
7/18/2023 11:29	61102 BERK_T5	0	0	0	0	0	0	1.56	1.1	2	2	0	1200	1200	0
7/18/2023 11:29	42701 AUGU_T1	0	0	0	0	0	0	0	0	2	2	0	1800	1800	0
7/18/2023 11:29	59202 THOM_T1	1	0	-1	0.1	0	-0.1	0	0	0	0	0	0	0	0
7/18/2023 11:30	44901 SCOT_T2	0	0	0	0	0	0	0.55	0.72	0	0	0	0	0	0
7/18/2023 11:34	53601 DALM_T2	1	1	0	0.4	0.2	-0.2	-0.1	-0.09	1	1	0	900	900	0
7/18/2023 11:47	15203 SFAR_T2	1	1	0	0.3	0.3	0	0	0	0	0	0	0	0	0
7/18/2023 11:52	15204 SFAR_T2	0	0	0	0	0	0	0.9	0.54	0	0	0	0	0	0
7/18/2023 12:05	15203 SFAR_T2	1	1	0	0.3	0.4	0.1	0.4	0.41	0	0	0	0	0	0
7/18/2023 12:39	59001 MIFF_T1	0	1	1	0	0.2	0.2	0	0	0	0	0	0	0	0
7/18/2023 12:42	15203 SFAR_T2	1	1

Appendix C - Grid Benefits Achieved in Each Instance of Active Management

7/18/2023 15:32	48902 FOSP_T2	0	0	0	0	0	0	0.25	0.23	0	0	0	0	0	0
7/18/2023 15:32	58803 COCO_T1	1	1	0	1.8	2	0.2	-0.21	-0.27	0	0	0	0	0	0
7/18/2023 15:34	10602 BLGL_T2	2	6	4	3.3	2.33	-0.97	0.83	1	0	0	0	0	0	0
7/18/2023 15:35	52402 GRPA_T2	1	1	0	1.4	0	-1.4	0	0	0	0	0	0	0	0
7/18/2023 15:40	43304 WATS_T2	0	1	1	0	0	0	-0.46	-0.42	1	1	0	600	600	0
7/18/2023 15:41	66703 STRA_T1	0	0	0	0	0	0	0.04	-0.08	0	0	0	0	0	0
7/18/2023 15:48	25402 LAHA_T2	0	0	0	0	0	0	-0.08	-0.35	0	0	0	0	0	0
7/18/2023 15:50	26401 INOR_T1	7	13	6	0.53	0.51	-0.02	0	0	0	0	0	0	0	0
7/18/2023 15:51	48902 FOSP_T2	0	0	0	0	0	0	0.32	0.33	0	0	0	0	0	0
7/18/2023 16:00	47403 PENS_T1	1	1	0	2.8	2.7	-0.1	0	0	0	0	0	0	0	0
7/18/2023 16:07	47402 PENS_T1	0	1	1	0	0	0	0	0	0	0	0	0	0	0
7/18/2023 16:17	15001 BLMO_T1	2	13	11	0.55	0.2	-0.35	0	0	0	0	0	0	0	0
7/18/2023 17:06	47402 PENS_T1	0	1	1	0	0	0	0	0	0	0	0	0	0	0
7/18/2023 17:19	16004 DORN_T1	0	0	0	0	0	0	-0.92	-0.9	2	2	0	2400	2400	0
7/18/2023 18:24	12704 MACU_T1	5	5	0	0.64	0.27	-0.37	0	0	0	0	0	0	0	0
7/18/2023 20:31	28604 BLYT_T2	0	0	0	0	0	0	-0.87	-0.9	0	0	0	0	0	0
7/18/2023 21:02	41801 GOCI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
7/18/2023 21:27	44901 SCOT_T2	0	0	0	0	0	0	0.38	0.42	0	0	0	0	0	0
7/18/2023 22:32	47401 PENS_T1	0	0	0	0	0	0	-0.72	-0.8	0	0	0	0	0	0
7/19/2023 0:28	52404 GRPA_T2	0	0	0	0	0	0	-0.4	-0.46	0	0	0	0	0	0
7/19/2023 0:28	59202 THOM_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
7/19/2023 0:28	62606 ENGL_T1	0	1	1	0	0.1	0.1	0	0	0	0	0	0	0	0
7/19/2023 0:28	52403 GRPA_T2	0	0	0	0	0	0	0.45	0.39	0	0	0	0	0	0
7/19/2023 0:28	56803 BENV_T1	0	0	0	0	0	0	0.16	0.04	0	0	0	0	0	0
7/19/2023 0:28	60801 BUCK_T1	127	137	10	0.46	0.52	0.06	0	0	0	0	0	0	0	0
7/19/2023 0:28	48302 ORWI_T2	2	2	0	1.35	1.1	-0.25	-0.05	-0.1	0	0	0	0	0	0
7/19/2023 0:28	42201 SHEN_T2	0	0	0	0	0	0	0.25	0.24	1	1	0	600	600	0
7/19/2023 0:28	58803 COCO_T1	2	2	0	1.65	2.05	0.4	-1.9	-2.08	0	0	0	0	0	0
7/19/2023 0:28	44201 POIN_T1	0	0	0	0	0	0	-1.61	-1.63	2	2	0	2100	2100	0
7/19/2023 0:28	57304 MOAL_T2	0	0	0	0	0	0	-0.48	-0.66	0	0	0	0	0	0
7/19/2023 0:28	44802 EDAN_T2	0	0	0	0	0	0	-4.18	-4.98	2	2	0	2400	2400	0
7/19/2023 0:28	48902 FOSP_T2	0	0	0	0	0	0	-0.57	-0.51	0	0	0	0	0	0
7/19/2023 0:28	42903 MIDD_T2	4	68	64	1.2	0.33	-0.87	0	0	0	0	0	0	0	0
7/19/2023 0:28	56802 BENV_T2	0	0	0	0	0	0	-4.28	-4.44	0	0	0	0	0	0
7/19/2023 0:28	61801 EEU_T2	0	0	0	0	0	0	-0.53	-0.53	1	1	0	600	600	0
7/19/2023 0:28	59101 WALK_T2	0	0	0	0	0	0	1.94	1.28	2	2	0	900	900	0
7/19/2023 0:28	23401 HONE_T2	0	1	1	0	0	0	-0.11	-0.16	0	0	0	0	0	0
7/19/2023 0:28	15203 SFAR_T2	1	1	0	0.6	0.4	-0.2	-0.35	-0.35	0	0	0	0	0	0
7/19/2023 0:28	66703 STRA_T1	1	4	3	0.1	0.15	0.05	-0.14	-0.24	0	0	0	0	0	0
7/19/2023 0:28	65604 QVIL_T2	0	0	0	0	0	0	1	0.9	0	0	0	0	0	0
7/19/2023 0:28	51107 CARL_T1	0	0	0	0	0	0	-1.18	-1.25	0	0	0	0	0	0
7/19/2023 0:28	48902 FOSP_T2	0	0	0	0	0	0	-0.57	-0.51	0	0	0	0	0	0
7/19/2023 0:28	53501 EVIL_T2	0	7	7	0	0.33	0.33	-2.25	-2.24	4	4	0	2400	2400	0
7/19/2023 0:28	21204 ECAR_T2	0	0	0	0	0	0	-0.26	-0.25	0	0	0	0	0	0
7/19/2023 0:28	10602 BLGL_T2	0	0	0	0	0	0	0.34	0.35	0	0	0	0	0	0
7/19/2023 0:28	45602 WOOL_T1	0	0	0	0	0	0	0.56	0.59	0	0	0	0	0	0
7/19/2023 0:28	63402 HONY_T2	1	1	0	0.6	0.8	0.2	0	0	0	0	0	0	0	0
7/19/2023 0:28	44202 POIN_T2	0	0	0	0	0	0	-0.75	-0.79	1	1	0	1200	1200	0
7/19/2023 0:28	61202 REIN_T1	0	0	0	0	0	0	0	0	2	2	0	1800	1800	0
7/19/2023 0:28	40901 JESH_T1	1	1	0	0.5	0.1	-0.4	0	0	0	0	0	0	0	0
7/19/2023 0:28	12202 FOGE_T2	0	0	0	0	0	0	-0.31	-0.34	1	1	0	600	600	0
7/19/2023 0:28	47402 PENS_T1	2	19	17	0.15	0.46	0.31	0	0	0	0	0	0	0	0
7/19/2023 0:28	65902 SAKR_T2	0	0	0	0	0	0	-0.34	-0.34	1	1	0	300	300	0
7/19/2023 0:28	52401 GRPA_T2	0	0	0	0	0	0	-0.94	-0.9	0	0	0	0	0	0
7/19/2023 0:28	60501 NMAN_T2	3	3	0	4.5	4.67	0.17	0	0	0	0	0	0	0	0
7/19/2023 0:28	27101 GFLD_T2	1	1	0	0	0	0	0.4	0.39	0	0	0	0	0	0
7/19/2023 0:28	28403 HART_T2	0	0	0	0	0	0	-1	-1	2	2	0	1800	1800	0
7/19/2023 0:28	49804 UNIV_T1	1	4	3	0.1	0.2	0.1	0.9	0.9	0	0	0	0	0	0
7/19/2023 0:28	58001 WCAR_T1	4	4	0	0.45	0.43	-0.02	0	0	0	0	0	0	0	0
7/19/2023 0:28	10805 CHHI_T2	1	1	0	8.2	8.1	-0.1	-2.14	-2.24	2	2	0	1200	1200	0
7/19/2023 0:28	42001 MNVL_T2	0	0	0	0	0	0	0.18	0.15	0	0	0	0	0	0
7/19/2023 0:28	56501 ROCK_T2	0	2	2	0	0.25	0.25	0	0	0	0	0	0	0	0
7/19/2023 0:28	15204 SFAR_T2	0	0	0	0	0	0	0.25	0.23	0	0	0	0	0	0
7/19/2023 0:28	15001 BLMO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
7/19/2023 0:28	64201 KINZ_T1	1	1	0	0.4	1	0.6	-1.3	-1.4	6	6	0	3000	3000	0
7/19/2023 0:28	59003 MIFF_T1	0	0	0	0	0	0	-0.2	-0.23	0	0	0	0	0	0
7/19/2023 0:28	64301 LINC_T1	0	0	0	0	0	0	-0.11	-0.09	1	1	0	600	600	0
7/19/2023 0:28	61102 BERK_T5	0	0	0	0	0	0	2.82	2.71	4	4	0	2400	2400	0
7/19/2023 0:28	64203 KINZ_T1	0	0	0	0	0	0	-1.48	-1.57	2	2	0	1800	1800	0
7/19/2023 0:28	16402 MOPO_T1	0	0	0	0	0	0	-0.24	-0.25	0	0	0	0	0	0
7/19/2023 0:28	65902 SAKR_T2	0	0	0	0	0	0	-0.34	-0.34	1	1	0	300	300	0
7/19/2023 0:28	60701 BREC_T1	0	0	0	0	0	0	0.3	0.27	0	0	0	0	0	0
7/19/2023 0:28	13704 SCHN_T2	0	0	0	0	0	0	-0.26	-0.28	0	0	0	0	0	0
7/19/2023 0:28	65503 MOIO_T2	0	0	0	0	0	0	-0.6	-0.67	1	1	0	900	900	0
7/19/2023 0:28	26402 INOR_T1	0	0	0	0	0	0	-0.58	-0.56	0	0	0	0	0	0
7/19/2023 0:28	25402 LAHA_T2	0	0	0	0	0	0	-0.78	-0.79	0	0	0	0	0	0
7/19/2023 0:28	42701 AUGU_T1	0	0	0	0	0	0	0	0	4	4	0	3600	3600	0
7/19/2023 0:28	43301 WATS_T2	0	1	1	0	0.3	0.3	0	0	0	0	0	0	0	0
7/19/2023 0:28	53601 DALM_T2	1	1	0	0.6	0.8	0.2	-0.27	-0.25	1	1	0	900	900	0
7/19/2023 0:28	17805 GILB_T2	0	0	0	0	0	0	0.07	0	0	0	0	0	0	0
7/19/2023 0:28	67503 WEWI_T2	0	0	0	0	0	0	0.05	0.03	0	0	0	0	0	0
7/19/2023 0:28	53102 WTWN_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
7/19/2023 0:28	52502 PROG_T2	0	0	0	0	0	0	0.39	1.06	2	0	-2	1800	0	-1800
7/19/2023 0:28	55101 WERT_T1	0	0	0	0	0	0	-10.21	-10.3	15	15	0	12000	12000	0
7/19/2023 0:28	12701 MACU_T1	0	0	0	0	0	0	-1.92	-2	2	2	0	2400	2400	0
7/19/2023 0:28	24901 WHHA_T1	0	0	0	0	0	0	0.77	0.72	0	0	0	0	0	0
7/19/2023 0:28	16004 DORN_T1	0	0	0	0	0	0	-1.06	-1.06	2	2	0	2400	2400	0
7/19/2023 0:28	66505 SMAN_T2	0	0	0	0	0	0	0.38	1.42	4	4	0	3000	3000	0
7/19/2023 0:49	15203 SFAR_T2	1	1	0	0.5	0.2	-0.3	-0.35	-0.41	0	0	0	0	0	0
7/19/2023 10:00	15604 NSTR_T1	0	0	0	0	0	0	0.27	0.28	0	0	0	0	0	0
7/19/2023 10:00	15203 SFAR_T2	1	1	0	0.4	0.4	0	0	0	0	0	0	0	0	0
7/19/2023 10:00	66505 SMAN_T2	0	0	0	0	0	0	0.21	0.31	3	3	0	2100	2100	0
7/19/2023 10:00	64801 MONE_T2	0	0	0	0	0	0	0.53	0.53	0	0	0	0	0	0
7/19/2023 10:00	58003 WCAR_T1	61	45	-16	0.4	0.33	-0.07	1.11	1.15	0	0	0	0	0	0
7/19/2023 10:00	65901 SAKR_T2	0	0	0	0	0	0	-0.71	-0.74	1	1	0	900	900	0
7/19/2023 10:00	52503 PROG_T2	0	0	0	0	0	0	-0.43	-0.41	1	1	0	900	900	0
7/19/2023 10:00	67604 WARW_T1	0	0	0	0	0	0	0.22	0.24	0	0	0	0	0	0
7/19/2023 10:00	56601 HAMP_T1	13	1	-12	0.16	0.5	0.34	0.28	0.28	0	0	0	0	0	0
7/19/2023 10:00	58803 COCO_T1	2	1	-1	0.9	1.3	0.4	0.33	0.56	0	0	0	0	0	0
7/19/2023 10:00	12604 MACA_T1	0	0	0	0	0	0	0.6	0.6	0	0	0	0	0	0
7/19/2023 10:41	28403 HART_T2	0	0	0	0	0	0	-0.61	-0.6	1	1	0	900	900	0
7/19/2023 10:43	52403 GRPA_T2	1	12	11	0.7	0.65	-0.05	0.38	0.42	0	0	0	0	0	0
7/19/2023 10:44	45003 LIME_2	6	2	-4	0.43	1.6	1.17	0	0	1	1	0	1200	1200	0
7/19/2023 10:45	40901 JESH_T1	1	1	0	1	1	0	0	0	0	0	0	0	0	0
7/19/2023 10:45	43202 MVIL_T2	0	0	0	0	0	0	-0.47	-0.46	0	0	0	0	0	0
7/19/2023 10:47	62601 ENGL_T1	0	2	2	0	0	0	0	0	0	0	0	0	0	0
7/19/2023 10:47	47001 HUGH_T2	0	0	0	0	0	0	-0.29	-0.24	0	0	0	0	0	0
7/19/2023 10:47	64203 KINZ_T1	1	1	0	0.2	0.9	0.7	-0.31	-0.11	3	3	0	2100	2100	0
7/19/2023 10:47	44203 POIN_T2	5	2	-3	1	0.35	-0.65	0.21	0.36	2	2	0	2100	2100	0
7/19/2023 10:47	54001 SDLE_T1	0	4	4	0	0.33	0.33	0	0	0	0	0	0	0	0
7/19/2023 10:48	61202 REIN_T1	0	0	0	0	0	0	0	0	1	1	0	900	900	0
7/19/2023 10:48	59003 MIFF_T1	0	0	0	0	0	0	-0.92	-0.83	0	0	0	0	0	0
7/19/2023 10:49	42902 MIDD_T2	0	0	0	0	0	0	0.09	0.01	1	1	0	600	600	0
7/19/2023 10:50	24105 EHAZ_T1	4	5	1	5.58	5.28	-0.3	0	0	0	0	0	0	0	0
7/19/2023 10:50	66504 SMAN_T2	0	2	2	0	0	0	0	0	0	0	0	0	0	0
7/19/2023 10:50	67503 WEWI_T2	0	0	0	0	0	0	0.18	0.2	0	0	0	0	0	0
7/19/2023 10:51	43304 WATS_T2	0	0	0	0	0	0	-0.1	-0.08	0	0	0	0	0	0
7/19/2023 10:51	66703 STRA_T1	0	0	0	0	0	0	0.55	0.38	0	0	0	0	0	0
7/19/2023 10:52	67204 TEHI_T2	0	0	0	0	0	0	-0.2	-0.19	0	0	0	0	0	0
7/19/2023 10:55	61801 EEU_T2	0	0	0	0	0	0	-0.19	-0.15	1	1	0	600	600	0
7/19/2023 10:55	53501 EVIL_T2	0	1	1	0	0.2	0.2	-0.96	-1.12	4	4	0	2700	2700	0
7/19/2023 10:55	44802 EDAN_T2	0	0	0	0	0	0	-1.85	-1.83	1	1	0	1200	1200	0
7/19/2023 10:56	56501 ROCK_T2	1	2	1	1.2	0.7	-0.5	0	0	0	0	0	0	0	0
7/19/2023 10:56	53601 DALM_T2	1	1	0	0.1	0.2	0.1	-0.15	-0.18	1	1	0	900	900	0
7/19/2023 10:57	28403 HART_T2	0	0	0	0	0	0	-0.6	-0.59	1	1	0	900	900	0
7/19/2023 10:59	17805 GILB_T2	0	0	0	0	0	0	0.41	0.42	0	0	0	0	0	0
7/19/2023 11:00	58402 MORO_T1	0	0	0	0	0	0	-1.46	-1.42	3	3	0	2400	2400	0
7/19/2023 11:00	12202 FOGE_T2	0	2	2	0	1.1	1.1	-0.23	-0.17	1	1	0	600	600	0
7/19/2023 11:03	61202 REIN_T1	0	0	0	0	0	0	0	0	1	1	0	900	900	0
7/19/2023 11:03	56802 BENV_T2	1	1	0	1	0.7	-0.3	-0.96	-0.96	0	0	0	0	0	0
7/19/2023 11:04	66505 SMAN_T2	0	2	2	0	0	0	0.18	0.46	4	4	0	2300	2300	0
7/19/2023 11:04	46302 ROHR_T1	1	1	0	0.8	1.4	0.6	-0.35	-0.35	0	0	0	0	0	0
7/19/2023 11:04	65503 MOIO_T2	0	0	0	0	0	0	0.17	0.25	1	1	0	900	900	0
7/19/2023 11:06	24901 WHHA_T1	0	1	1	0	0.1	0.1	0.86	0.91	0	0	0	0	0	0
7/19/2023 11:06	45602 WOOL_T1	0	0	0	0	0	0	0.72	0.73	0	0	0	0	0	0
7/19/2023 11:07	67204 TEHI_T2	0	0	0	0	0	0	-0.19	-0.18	0	0	0	0	0	0
7/19/2023 11:08	56501 ROCK_T2	1	2	1	0.7	1.4	0.7	0	0	0	0	0	0	0	0
7/19/2023 11:08	59101 WALK_T2	1	1	0	0.1	0.4	0.3	1.17	1.2	1	1	0	600	600	0
7/19/2023 11:10	12202 FOGE_T2	0	2	2	0	1.1	1.1	-0.17	-0.15	1	1	0	600	600	0
7/19/2023 11:11	10805 CHHI_T2	1	1	0	8.7	8.5	-0.2	-1.14	-1.03	2	2	0	1800	1800	0
7/19/2023 11:11	24901 WHHA_T1	0	1	1	0	0.1	0.1	0.86	0.91	0	0	0	0	0	0
7/19/2023 11:11	53501 EVIL_T2	0	1	1	0	0.4	0.4	-1.12	-1.08	4	4	0	2700	2700	0
7/19/2023 11:12	44802 EDAN_T2	0	0	0	0	0	0	-1.83	-1.81	1	1	0	1200	1200	0
7/19/2023 11:16	15204 SFAR_T2	0	0	0	0	0	0	0.24	0.25	0	0	0	0	0	0
7/19/2023 11:17	58402 MORO_T1	0	0	0	0	0	0	-1.42	-1.38	3	3	0	2400	2400	0
7/19/2023 11:22	24901 WHHA_T1	0	1	1	0	0.1	0.1	0.91	1.22	0	0	0	0	0	0
7/19/2023 11:22	59101 WALK_T2	1	1	0	1.9	0	-1.9	1.2	1.15	1	1	0	600	600	0
7/19/2023 11:24	10805 CHHI_T2	1	1	0	8.5	8.6	0.1	-1.03	-1.1	2	2	0	1800	1800	0
7/19/2023 11:25	60803 BUCK_T1	1	0	-1	1.2	0	-1.2	-1.04	-1.02	1	1	0	600	600	0
7/19/2023 11:25	53501 EVIL_T2	1	3	2	0.2	0.4	0.2	-1.08	-1.05	4	4	0	2700	2700	0
7/19/2023 11:28	52401 GRPA_T2	0	2	2	0	0	0	0	0	0	0	0	0	0	0
7/19/2023 11:29	45004 LIME_2	1	3	2	1.6	0.8	-0.8	0	0	0	0	0	0	0	0
7/19/2023 11:31	44203 POIN_T2	3	6	3	0.1	0.4	0.3	0.23	0.29	2	2	0	2100	2100	0
7/19/2023 11:35	43304 WATS_T2	0	2	2	0	0.45	0.45	-0.72	-0.72	1	1	0	600	600	0
7/19/2023 11:42	40902 JESH_T1	0	0	0	0	0	0	-0.19	-0.21	3	3	0	1800	1800	0
7/19/2023 11:42	48902 FOSP_T2	0	0	0	0	0	0	0.63	0.62	1	0	-1	1200	0	-1200
7/19/2023 11:43	63402 HONY_T2	0	0	0	0	0	0	0.06	-0.02	1	1	0	600	600	0
7/19/2023 11:46	45802 HEGI_T2	0	0	0	0	0	0	-0.04	-0.25	2	2	0	1200	1200	0
7/19/2023 11:51	56801 BENV_T1	11	5	-6	0.42	0.46	0.04	0	0	0	0	0	0	0	0
7/19/2023 11:54	53601 DALM_T2	1	1	0	0.2	0.6	0.4	-0.11	-0.01	1	1	0	900	900	0
7/19/2023 11:58	10805 CHHI_T2	1	1	0	8.8	8.1	-0.7	-0.88	-1.1	2	2	0	1800	1800	0
7/19/2023 11:58	24101 EHAZ_T1	1	1	0	0.2	0	-0.2	0.67	0.61	2	2	0	1200	1200	0
7/19/2023 12:28	45802 HEGI_T2	0	0	0	0	0	0	-0.2	0.67	2	2	0	1200	1200	0
7/19/2023 12:36	24901 WHHA_T1	0	0	0	0	0	0	1.21	1.23	0	0	0	0	0	0
7/21/2023 0:28	60501 NMAN_T2	3	3	0	4.9	5.13	0.23	0	0	0	0	0	0	0	0
7/21/2023 0:28	64801 MONE_T2	0	5	5	0	0	0	-0.24	-0.26	0	0	0	0	0	0
7/21/2023 0:28	16301 ALPA_T1	1	1	0	0.2	0.4	0.2	-1.29	-1.21	0	0	0	0	0	0
7/21/2023 0:28	16004 DORN_T1	0	0	0	0	0	0	-0.43	-0.49	1	1	0	1200	1200	0
7/21/2023 0:28	25402 LAHA_T2	0	0	0	0	0	0	-1.32	-1.33	0	0	0	0	0	0
7/21/2023 0:28	45003 LIME_2	1	1	0	2.5	3.1	0.6	0	0	1	1	0	1200	1200	0
7/21/2023 0:28	67502 WEWI_T2	0	0	0	0	0	0	-1.11	-1.11	1	1	0	900	900	0
7/21/2023 0:28	12202 FOGE_T2	0	0	0	0	0	0	-0.35	-0.39	2	2	0	1200	1200	0
7/21/2023 0:28	43304 WATS_T2	0	0	0	0	0	0	-1.06	-1.09	0	0	0	0	0	0
7/21/2023 0:28	65902 SAKR_T2	0	0	0	0	0	0	-0.47	-0.48	1	1	0	300	300	0
7/21/2023 0:28	42901 MIDD_T2	75	93	18	0.2	0.2	0	0	0	0	0	0	0	0	0
7/21/2023 0:28	61202 REIN_T1	0	0	0	0	0	0	0	0	1	1	0	900	900	0
7/21/2023 0:28	16302 ALPA_T2	0	0	0	0	0	0	-0.31	-0.32	0	0	0	0	0	0
7/21/2023 0:28	15001 BLMO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
7/21/2023 0:28	29402 BELT_T1	0	0	0	0	0	0	0	0	0	0

Appendix C - Grid Benefits Achieved in Each Instance of Active Management

7/21/2023 0:28	29401 BELT_T1	0	0	0	0	0	0	0	0	1	1	0	900	900	0
7/21/2023 0:28	23401 HONE_T2	1	0	-1	7.2	0	-7.2	-0.13	-0.12	0	0	0	0	0	0
7/21/2023 0:28	42701 AUGU_T1	1	0	-1	0.4	0	-0.4	0	0	8	8	0	7200	7200	0
7/21/2023 0:28	60701 BREC_T1	0	0	0	0	0	0	-0.23	-0.24	1	1	0	600	600	0
7/21/2023 0:28	14403 SSLA_T1	476	465	-11	1.78	1.51	-0.27	0.44	0.42	0	0	0	0	0	0
7/21/2023 0:28	16402 MOPO_T1	0	0	0	0	0	0	0.85	0.84	0	0	0	0	0	0
7/21/2023 0:28	57304 MOAL_T2	0	0	0	0	0	0	-0.14	-0.1	0	0	0	0	0	0
7/21/2023 0:28	56802 BENV_T2	0	0	0	0	0	0	-2.12	-2.19	0	0	0	0	0	0
7/21/2023 0:28	17805 GILB_T2	0	0	0	0	0	0	0.18	0.17	0	0	0	0	0	0
7/21/2023 0:28	44905 SCOT_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
7/21/2023 0:28	53501 EVIL_T2	1	1	0	0.1	0.3	0.2	-2.76	-1.71	4	2	-2	2400	1200	-1200
7/21/2023 0:28	47401 PENS_T1	0	0	0	0	0	0	3.39	3.41	0	0	0	0	0	0
7/21/2023 0:28	10805 CHHI_T2	1	1	0	7.8	7.8	0	-3.36	-3.25	4	4	0	3600	3600	0
7/21/2023 0:28	58803 COCO_T1	2	2	0	1.55	1.15	-0.4	-1.63	-1.69	0	0	0	0	0	0
7/21/2023 0:28	58402 MORO_T1	0	0	0	0	0	0	-1.9	-1.97	4	4	0	3000	3000	0
7/21/2023 0:38	42902 MIDD_T2	26	40	14	0.26	0.3	0.04	-0.15	-0.14	0	0	0	0	0	0
7/21/2023 0:46	41902 REED_T1	0	0	0	0	0	0	0.11	0.08	1	1	0	900	900	0
7/21/2023 1:06	61202 REIN_T1	0	0	0	0	0	0	0	0	1	1	0	900	900	0
7/21/2023 1:11	61202 REIN_T1	0	0	0	0	0	0	0	0	1	1	0	900	900	0
7/21/2023 1:12	62105 ELAN_T1	1	0	-1	0.1	0	-0.1	0.83	0.81	0	0	0	0	0	0
7/21/2023 1:27	61202 REIN_T1	0	0	0	0	0	0	0	0	1	0	-1	900	0	-900
7/21/2023 1:36	61202 REIN_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
7/21/2023 1:37	44502 HAMI_T2	0	1	1	0	0	0	-0.35	-0.79	0	0	0	0	0	0
7/21/2023 1:38	44502 HAMI_T2	0	1	1	0	0	0	-0.35	-0.79	0	0	0	0	0	0
7/21/2023 1:41	44502 HAMI_T2	0	1	1	0	0	0	-0.35	-0.79	0	0	0	0	0	0
7/21/2023 2:56	61202 REIN_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
7/21/2023 3:31	61202 REIN_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
7/21/2023 3:36	61202 REIN_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
7/21/2023 3:46	61202 REIN_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
7/21/2023 4:06	61202 REIN_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
7/21/2023 5:22	58803 COCO_T1	2	2	0	2	2.1	0.1	-1.24	-1.26	0	0	0	0	0	0
7/21/2023 5:31	61202 REIN_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
7/21/2023 5:45	44203 POIN_T2	0	0	0	0	0	0	0.98	0.75	1	1	0	900	900	0
7/21/2023 8:02	61202 REIN_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
7/21/2023 8:06	45901 AUBU_T1	0	0	0	0	0	0	1.62	1.63	0	0	0	0	0	0
7/21/2023 8:06	58001 WCAR_T1	6	19	13	1.07	0.72	-0.35	0	0	0	0	0	0	0	0
7/21/2023 8:06	58402 MORO_T1	0	0	0	0	0	0	-0.81	-0.81	2	2	0	1500	1500	0
7/21/2023 8:47	61202 REIN_T1	0	0	0	0	0	0	0	0	0	1	1	0	900	900
7/21/2023 9:30	45802 HEGI_T2	0	0	0	0	0	0	0.97	0.88	1	1	0	300	300	0
7/21/2023 9:34	42001 MNVL_T2	0	0	0	0	0	0	0.32	0.32	0	0	0	0	0	0
7/21/2023 9:41	44502 HAMI_T2	1	1	0	1.8	2.1	0.3	-0.56	-0.6	0	0	0	0	0	0
7/21/2023 9:47	46701 RENO_T1	1	1	0	0.2	0.1	-0.1	0	0	0	0	0	0	0	0
7/21/2023 9:52	59101 WALK_T2	0	0	0	0	0	0	1.13	1.38	0	0	0	0	0	0
7/21/2023 9:57	46001 BERW_T1	0	0	0	0	0	0	1.24	1.3	0	0	0	0	0	0
7/21/2023 10:00	66703 STRA_T1	0	0	0	0	0	0	0.58	0.53	0	0	0	0	0	0
7/21/2023 10:00	12202 FOGE_T2	2	3	1	1.5	1.6	0.1	-0.19	-0.17	1	1	0	600	600	0
7/21/2023 10:00	58803 COCO_T1	1	2	1	1.4	2	0.6	0.78	-0.4	0	2	2	0	1200	1200
7/21/2023 10:00	56601 HAMP_T1	51	23	-28	0.29	0.22	-0.07	0.11	0.1	0	0	0	0	0	0
7/21/2023 10:00	12604 MACA_T1	0	0	0	0	0	0	0.67	0.69	0	0	0	0	0	0
7/21/2023 10:00	10602 BLGL_T2	4	9	5	1.95	1.47	-0.48	1.95	1.97	0	0	0	0	0	0
7/21/2023 10:00	67604 WARW_T1	0	0	0	0	0	0	0.26	0.28	0	0	0	0	0	0
7/21/2023 10:00	65901 SAKR_T2	0	0	0	0	0	0	-1.38	-1.28	2	2	0	1500	1500	0
7/21/2023 10:00	15204 SFAR_T2	0	0	0	0	0	0	0.23	0.23	0	0	0	0	0	0
7/21/2023 10:00	13503 MCMI_T2	0	0	0	0	0	0	0.07	0.08	0	0	0	0	0	0
7/21/2023 10:00	64801 MONE_T2	0	0	0	0	0	0	0.57	0.59	0	0	0	0	0	0
7/21/2023 10:01	56802 BENV_T2	3	1	-2	0.43	1	0.57	-1.01	-0.99	0	0	0	0	0	0
7/21/2023 10:12	40901 JESH_T1	1	1	0	1.6	1.8	0.2	0	0	0	0	0	0	0	0
7/21/2023 10:13	44801 EDAN_T2	1	1	0	0.2	0	-0.2	0	0	0	0	0	0	0	0
7/21/2023 10:15	28403 HART_T2	0	0	0	0	0	0	-0.69	-0.68	1	1	0	900	900	0
7/21/2023 10:20	46302 ROHR_T1	3	1	-2	0.4	0.9	0.5	0.26	0.26	0	0	0	0	0	0
7/21/2023 10:22	58803 COCO_T1	2	2	0	1.85	2	0.15	-0.19	-0.11	1	1	0	600	600	0
7/21/2023 10:23	29402 BELT_T1	1	0	-1	0.2	0	-0.2	0	0	0	0	0	0	0	0
7/21/2023 10:23	59101 WALK_T2	0	0	0	0	0	0	1.54	1.36	0	0	0	0	0	0
7/21/2023 10:25	10801 CHHI_T1	1	1	0	0.1	0.2	0.1	-0.82	-0.67	2	2	0	1500	1500	0
7/21/2023 10:28	53501 EVIL_T2	0	0	0	0	0	0	-0.05	0.03	1	1	0	600	600	0
7/21/2023 10:35	42902 MIDD_T2	0	0	0	0	0	0	-0.07	-0.01	1	1	0	600	600	0
7/21/2023 10:37	67502 WEWI_T2	0	1	1	0	0.1	0.1	-0.6	-0.66	1	1	0	900	900	0
7/21/2023 10:38	67204 TEHI_T2	0	0	0	0	0	0	-0.14	-0.13	0	0	0	0	0	0
7/21/2023 10:40	53601 DALM_T2	1	0	-1	0.2	0	-0.2	0.1	0.05	0	0	0	0	0	0
7/21/2023 10:50	44301 BEAV_T2	0	0	0	0	0	0	-0.68	-0.56	2	2	0	1500	1500	0
7/21/2023 10:50	67502 WEWI_T2	1	1	0	0.1	0.1	0	0	0	0	0	0	0	0	0
7/21/2023 10:54	53601 DALM_T2	0	1	1	0	0.3	0.3	0.05	0.01	0	0	0	0	0	0
7/21/2023 10:57	46802 HEPB_T1	1	1	0	0.6	0.6	0	-0.36	-0.36	0	0	0	0	0	0
7/21/2023 10:58	45001 LIME_2	5	9	4	0.78	0.47	-0.31	0	0	0	0	0	0	0	0
7/21/2023 11:00	28403 HART_T2	0	0	0	0	0	0	-0.67	-0.66	1	1	0	900	900	0
7/21/2023 11:08	60803 BUCK_T1	0	0	0	0	0	0	-0.83	-0.82	1	1	0	600	600	0
7/21/2023 11:09	44801 EDAN_T2	1	2	1	0.5	0	-0.5	0	0	0	0	0	0	0	0
7/21/2023 11:12	10805 CHHI_T2	1	4	3	8.7	8.4	-0.3	-1.34	-1.37	2	2	0	1800	1800	0
7/21/2023 11:12	45702 LIND_T2	0	1	1	0	0.6	0.6	-0.23	-0.25	0	0	0	0	0	0
7/21/2023 11:13	27101 GFLD_T2	2	3	1	1.5	0.9	-0.6	0.51	0.51	0	0	0	0	0	0
7/21/2023 11:13	56802 BENV_T2	1	1	0	1	0.9	-0.1	-0.93	-0.91	0	0	0	0	0	0
7/21/2023 11:16	60501 NMAN_T2	3	3	0	2.93	3.3	0.37	0	0	0	0	0	0	0	0
7/21/2023 11:21	59101 WALK_T2	1	0	-1	0.1	0	-0.1	1.56	1.47	0	0	0	0	0	0
7/21/2023 11:23	60101 COCA_T1	0	0	0	0	0	0	0.78	0.89	0	0	0	0	0	0
7/21/2023 11:26	17805 GILB_T2	0	0	0	0	0	0	0.5	0.52	0	0	0	0	0	0
7/21/2023 11:26	10805 CHHI_T2	1	4	3	8.4	4.5	-3.9	-1.37	-1.36	2	2	0	1800	1800	0
7/21/2023 11:26	62604 ENGL_T1	0	0	0	0	0	0	-1.15	-1.07	0	1	1	0	600	600
7/21/2023 11:41	47401 PENS_T1	0	0	0	0	0	0	0.21	0.41	0	0	0	0	0	0
7/21/2023 11:50	15702 TANN_T2	1	1	0	0.4	2.6	2.2	0.91	0.93	0	0	0	0	0	0
7/21/2023 11:51	67204 TEHI_T2	0	0	0	0	0	0	-0.08	0.24	0	0	0	0	0	0
7/21/2023 11:55	47401 PENS_T1	0	0	0	0	0	0	0.41	0.29	0	0	0	0	0	0
7/21/2023 12:43	48302 ORWI_T2	3	2	-1	1.37	0.65	-0.72	0.2	0.21	0	0	0	0	0	0
7/21/2023 12:50	24901 WHHA_T1	0	0	0	0	0	0	0.89	0.88	0	0	0	0	0	0
7/21/2023 12:54	45902 AUBU_T1	2	2	0	0.3	0.2	-0.1	0	0	0	0	0	0	0	0
7/21/2023 13:02	65604 QVIL_T2	0	12	12	0	0	0	0.9	0.9	0	0	0	0	0	0
7/21/2023 13:04	66505 SMAN_T2	0	0	0	0	0	0	0.44	0.4	4	4	0	2300	2300	0
7/21/2023 13:36	45901 AUBU_T1	0	0	0	0	0	0	1.8	1.77	0	0	0	0	0	0
7/21/2023 13:44	52404 GRPA_T2	2	2	0	0.15	0	-0.15	0	0	0	0	0	0	0	0
7/21/2023 13:47	43201 MVIL_T2	1	3	2	0.3	0.3	0	0	0	0	0	0	0	0	0
7/21/2023 13:54	24901 WHHA_T1	0	0	0	0	0	0	0.9	0.91	0	0	0	0	0	0
7/21/2023 13:57	58803 COCO_T1	2	2	0	1.4	1.3	-0.1	0.1	0.2	1	1	0	600	600	0
7/21/2023 13:58	25402 LAHA_T2	0	0	0	0	0	0	-0.27	-0.03	0	0	0	0	0	0
7/21/2023 14:03	54001 SDLE_T1	2	1	-1	0.7	1	0.3	0	0	1	1	0	600	600	0
7/21/2023 14:08	43304 WATS_T2	0	1	1	0	0.1	0.1	-0.59	-0.61	1	1	0	600	600	0
7/21/2023 14:08	15703 TANN_T2	2	2	0	7.8	7.6	-0.2	0	0	0	0	0	0	0	0
7/21/2023 14:08	56801 BENV_T1	9	4	-5	0.41	0.33	-0.08	0	0	0	0	0	0	0	0
7/21/2023 14:12	62105 ELAN_T1	4	3	-1	0.7	0.23	-0.47	1.07	1.08	0	0	0	0	0	0
7/21/2023 14:12	61802 EELI_T2	4	3	-1	0.15	0.1	-0.05	0	0	0	0	0	0	0	0
7/21/2023 14:13	52403 GRPA_T2	3	13	10	0.17	0.4	0.23	0	0	0	0	0	0	0	0
7/21/2023 14:13	40902 JESH_T1	0	0	0	0	0	0	0.02	-0.29	3	3	0	1800	1800	0
7/21/2023 14:22	43301 WATS_T2	1	1	0	0.3	0.4	0.1	-0.12	-0.11	1	1	0	900	900	0
7/21/2023 14:24	56801 BENV_T1	4	2	-2	0.25	0.6	0.35	0	0	0	0	0	0	0	0
7/21/2023 14:29	63404 HONY_T1	2	2	0	6.4	6.35	-0.05	0	0	0	0	0	0	0	0
7/21/2023 14:33	44203 POIN_T2	6	6	0	4.58	1.7	-2.88	0.14	0.15	2	3	1	2100	3300	1200
7/21/2023 14:33	66502 SMAN_T2	1	1	0	0.5	0.6	0.1	0	0	0	0	0	0	0	0
7/21/2023 14:34	64101 REFR_T1	0	7	7	0	0.4	0.4	-0.06	-0.06	0	0	0	0	0	0
7/21/2023 14:39	53902 HALI_T2	0	0	0	0	0	0	-0.66	-0.63	0	0	0	0	0	0
7/21/2023 14:39	58402 MORO_T1	0	0	0	0	0	0	-1.48	-1.4	3	3	0	2400	2400	0
7/21/2023 14:39	55101 WERT_T1	0	0	0	0	0	0	-1.61	-1.8	4	4	0	3300	3300	0
7/21/2023 14:43	16505 STRO_T1	0	1	1	0	0.1	0.1	0.79	0.8	0	0	0	0	0	0
7/21/2023 14:47	57303 MOAL_T2	1	1	0	8.1	8.3	0.2	0	0	0	0	0	0	0	0
7/21/2023 14:51	55101 WERT_T1	0	0	0	0	0	0	-1.8	-1.65	4	4	0	3300	3300	0
7/21/2023 14:55	26001 WDAM_T1	1	6	5	0.4	0.55	0.15	-1.47	-1.47	0	0	0	0	0	0
7/21/2023 14:59	66502 SMAN_T2	1	1	0	0.1	0.6	0.5	0	0	0	0	0	0	0	0
7/21/2023 15:04	44202 POIN_T2	0	0	0	0	0	0	-0.77	-0.57	1	1	0	1200	1200	0
7/21/2023 15:05	55101 WERT_T1	0	0	0	0	0	0	-1.65	-1.72	4	4	0	3300	3300	0
7/21/2023 15:10	45602 WOOL_T1	0	0	0	0	0	0	0.89	0.93	0	0	0	0	0	0
7/21/2023 15:11	52402 GRPA_T2	1	6	5	0.4	0.2	-0.2	0	0	0	0	0	0	0	0
7/21/2023 15:21	65902 SAKR_T2	0	0	0	0	0	0	-0.75	-0.77	2	2	0	1200	1200	0
7/21/2023 15:22	56501 ROCK_T2	1	2	1	1.3	0.8	-0.5	0	0	0	0	0	0	0	0
7/21/2023 15:25	55101 WERT_T1	0	6	6	0	0	0	-1.72	-1.75	4	4	0	3300	3300	0
7/21/2023 15:28	53501 EVIL_T2	1	4	3	0.4	0.2	-0.2	-0.41	-0.89	2	2	0	1200	1200	0
7/21/2023 15:31	66501 SMAN_T2	2	0	-2	0.15	0	-0.15	0	0	0	0	0	0	0	0
7/21/2023 15:37	29402 BELT_T1	113	111	-2	1.05	1.03	-0.02	0	0	0	0	0	0	0	0
7/21/2023 15:38	62607 ENGL_T1	0	1	1	0	0	0	0	0	0	0	0	0	0	0
7/21/2023 15:54	53902 HALI_T2	0	0	0	0	0	0	-0.72	-0.69	0	0	0	0	0	0
7/21/2023 16:24	43304 WATS_T2	2	22	20	0.15	0.25	0.1	-0.26	-0.25	0	0	0	0	0	0
7/21/2023 16:58	52402 GRPA_T2	26	5	-21	0.55	0.3	-0.25	0	0	0	0	0	0	0	0
7/21/2023 18:02	13101 NHAM_T1	40	30	-10	0.58	0.46	-0.12	-0.65	-0.83	2	2	0	2100	2100	0
7/21/2023 20:22	10801 CHHI_T1	1	1	0	0.2	0.1	-0.1	-0.71	-0.74	2	2	0	1500	1500	0
7/21/2023 20:36	67502 WEWI_T2	0	0	0	0	0	0	-0.95	-0.98	1	1	0	900	900	0
7/21/2023 20:37	42901 MIDD_T2	0	1	1	0	0	0	0	0	0	0	0	0	0	0
7/22/2023 0:28	66504 SMAN_T2	0	0	0	0	0	0	-2.84	-2.91	2	2	0	2400	2400	0
7/22/2023 0:28	29402 BELT_T1	18	8	-10	0.27	0.14	-0.13	0	0	0	0	0	0	0	0
7/22/2023 0:28	28403 HART_T2	0	0	0	0	0	0	-1.56	-1.57	2	2	0	1800	1800	0
7/22/2023 0:28	42201 SHEN_T2	0	0	0	0	0	0	0.75	0.75	0	0	0	0	0	0
7/22/2023 0:28	13101 NHAM_T1	0	0	0	0	0	0	-1.94	-1.98	2	2	0	2100	2100	0
7/22/2023 0:28	45902 AUBU_T1	0	0	0	0	0	0	-0.8	-0.74	1	1	0	600	600	0
7/22/2023 0:28	52401 GRPA_T2	0	1	1	0	0.4	0.4	-0.43	-0.45	0	0	0	0	0	0
7/22/2023 0:28	53501 EVIL_T2	7	8	1	0.73	0.5	-0.23	-3.54	-3.5	3	3	0	1800	1800	0
7/22/2023 0:28	57304 MOAL_T2	0	0	0	0	0	0	-0.23	-0.33	0	0	0	0	0	0
7/22/2023 0:28	53901 HALI_T2	1	1	0	0.4	0.3	-0.1	0	0	0	0	0	0	0	0
7/22/2023 0:28	60801 BUCK_T1	44	97	53	0.3	0.31	0.01	0	0	0	0	0	0	0	0
7/22/2023 0:28	46302 ROHR_T1	3	3	0	0.83	1.07	0.24	0.21	0.21	0	0	0	0	0	0
7/22/2023 0:28	15703 TANN_T2	2	2	0	6.25	6.3	0.05	0	0	0	0	0	0	0	0
7/22/2023 0:28	52404 GRPA_T2	0	0	0	0	0	0	-0.42	-0.45	0	0	0	0	0	0
7/22/2023 0:28	45602 WOOL_T1	0	0	0	0	0	0	0.57	0.57	0	0	0	0	0	0
7/22/2023 0:28	43301 WATS_T2	0	0	0	0	0	0	-0.46	-0.47	1	1	0	900	900	0
7/22/2023 0:28	41801 GOCI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
7/22/2023 0:28	51904 COPA_T1	1	4	3	0.1	0.23	0.13	0	0	0	0	0	0	0	0
7/22/2023 0:28	65603 QVIL_T2	1	1	0	8.1	7.9	-0.2	0	0	0	0	0	0	0	0
7/22/2023 0:28	52404 GRPA_T2	0	0	0	0	0	0	-0.42	-0.45	0	0	0	0	0	0
7/22/2023 0:28	66505 SMAN_T2	0	0	0	0	0	0	0	-0.11	2	2	0	1500	1500	0
7/22/2023 0:28	53601 DALM_T2	1	1	0	1	0.7	-0.3	-0.19	-0.26	0	0	0	0	0	0
7/22/2023 0:28	40902 JESH_T1	0	0	0	0	0	0	-0.28	-0.28	4	2	-2	2400	1200	-1200
7/22/2023 0:28	62605 ENGL_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
7/22/2023 0:28	63401 HONY_T1	0	0	0	0	0	0	0.12	0.11	1	1	0	600	600	0
7/22/2023 0:28	44801 EDAN_T2	1	1	0	1.3	0.4	-0.9	0	0	0	0	0	0	0	0
7/22/2023 0:28	47403 PENS_T1	1	1	0	2.7	1.8	-0.9	0	0	0	0	0	0	0	0
7/22/2023 0:28	13704 SCHN_T2	0	0	0	0	0	0	-0.26	-0.26	0	0	0	0	0	0
7/22/2023 0:28	43301 WATS_T2	0	0	0	0	0	0	-0.46	-0.47	1	1	0	900	900	0
7/22/2023 0:28	16505 STRO_T1	0	0	0	0	0	0	0.01	0.01	0	0	0	0	0	0
7/22/2023 0:28	67503 WEWI_T2	0	0	0	0	0	0	-0.05	0	0	0	0	0	0	0
7/22/2023 0:28	59101 WALK_T2	0	0	0	0	0	0	3.02	3.24	0	0	0	0	0	0
7/22/2023 0:28	46802 HEPB_T1	0	1	1	0	1.7	1.7	-0.47	-0.47	0	0	0	0	0	0
7/22/2023 0:28	45901 AUBU_T1	0	0	0	0	0	0	1.07	1.05	0	0	0	0	0	0
7/22/2023 0:28	64302 LINC_T2	0	0	0	0	0	0	0.83	1.01	0	0	0	0	0	0
7/22/2023 0:28	44202 POIN_T2	0	0	0	0	0	0	-0.87	-0.88	1	1	0	1200	1200	0
7/22/2023 0:28	60101 COCA_T1	0	0	0	0	0	0	0.51

7/22/2023 7:05	67204 TEHI_T2	0	0	0	0	0	0	-0.36	-0.33	0	0	0	0	0	0
7/22/2023 7:05	67503 WEWI_T2	0	0	0	0	0	0	-0.26	-0.25	0	0	0	0	0	0
7/22/2023 7:05	60803 BUCK_T1	0	0	0	0	0	0	-0.89	-0.88	1	1	0	600	600	0
7/22/2023 7:05	44801 EDAN_T2	1	0	-1	0.2	0	-0.2	0	0	0	0	0	0	0	0
7/22/2023 7:05	27101 GFLD_T2	2	2	0	0.4	0.7	0.3	0.32	0.32	0	0	0	0	0	0
7/22/2023 7:05	44301 BEAV_T2	1	1	0	0.2	0	-0.2	-0.23	-0.05	1	1	0	600	600	0
7/22/2023 7:05	29401 BELT_T1	0	0	0	0	0	0	0	0	1	1	0	900	900	0
7/22/2023 7:05	47401 PENS_T1	0	2	-2	0	0	0	1.84	1.93	0	0	0	0	0	0
7/22/2023 7:05	53601 DALM_T2	1	1	0	0.4	0.4	0	-0.12	-0.19	0	0	0	0	0	0
7/22/2023 7:05	15702 TANN_T2	0	0	0	0	0	0	0.55	0.56	0	0	0	0	0	0
7/22/2023 7:05	44901 SCOT_T2	0	0	0	0	0	0	-0.17	-0.16	0	0	0	0	0	0
7/22/2023 7:05	42902 MIDD_T2	0	0	0	0	0	0	-0.6	-0.55	0	0	0	0	0	0
7/22/2023 7:05	59101 WALK_T2	0	0	0	0	0	0	2.88	2.56	0	0	0	0	0	0
7/22/2023 7:05	10801 CHHI_T1	0	1	1	0	0.1	0.1	-0.19	-0.26	1	1	0	600	600	0
7/22/2023 7:05	45003 LIME_2	2	2	0	1.9	1.95	0.05	0	0	0	0	0	0	0	0
7/22/2023 7:05	20403 ASHF_T2	0	0	0	0	0	0	0.12	0.22	0	0	0	0	0	0
7/22/2023 7:05	28403 HART_T2	0	0	0	0	0	0	-1.8	-1.78	2	2	0	1800	1800	0
7/22/2023 7:05	67502 WEWI_T2	0	0	0	0	0	0	-1.89	-1.31	1	1	0	900	900	0
7/22/2023 7:05	62604 ENGL_T1	0	0	0	0	0	0	-0.73	-0.67	0	0	0	0	0	0
7/22/2023 7:05	53501 EVIL_T2	1	0	-1	0.1	0	-0.1	-1.08	-1.06	0	0	0	0	0	0
7/22/2023 7:05	66703 STRA_T1	5	1	-4	0.38	0.2	-0.18	-0.08	-0.05	0	0	0	0	0	0
7/22/2023 7:05	56802 BENV_T2	0	1	1	0	0.4	0.4	-1.31	-1.28	0	0	0	0	0	0
7/22/2023 7:05	52502 PROG_T2	0	0	0	0	0	0	0.33	0.34	0	0	0	0	0	0
7/22/2023 7:05	10805 CHHI_T2	1	1	0	8.9	9.1	0.2	-1.8	-1.86	2	2	0	1200	1200	0
7/22/2023 7:06	67502 WEWI_T2	0	0	0	1	0	0	-1.39	-1.31	1	1	0	900	900	0
7/22/2023 7:06	47403 PENS_T1	1	1	0	2.1	2.1	0	0	0	0	0	0	0	0	0
7/22/2023 7:06	67503 WEWI_T2	0	0	0	0	0	0	-0.26	-0.25	0	0	0	0	0	0
7/22/2023 7:06	53601 DALM_T2	1	1	0	0.4	0.4	0	-0.12	-0.19	0	0	0	0	0	0
7/22/2023 7:06	53501 EVIL_T2	1	0	-1	0.1	0	-0.1	-1.08	-1.06	0	0	0	0	0	0
7/22/2023 7:06	44801 EDAN_T2	1	0	-1	0.2	0	-0.2	0	0	0	0	0	0	0	0
7/22/2023 7:06	56802 BENV_T2	0	1	1	0	0.4	0.4	-1.31	-1.28	0	0	0	0	0	0
7/22/2023 7:06	46802 HEPB_T1	0	0	0	0	0	0	-0.22	-0.22	0	0	0	0	0	0
7/22/2023 7:06	28604 BLYT_T2	0	0	0	0	0	0	-1.3	-1.3	0	0	0	0	0	0
7/22/2023 7:06	44301 BEAV_T2	1	1	0	0.2	0	-0.2	-0.23	-0.05	1	1	0	600	600	0
7/22/2023 7:06	40902 JESH_T1	0	0	0	0	0	0	-0.13	-0.13	1	1	0	600	600	0
7/22/2023 7:06	25402 LAHA_T2	0	0	0	0	0	0	-0.75	-0.75	0	0	0	0	0	0
7/22/2023 7:06	20403 ASHF_T2	0	0	0	0	0	0	0.12	0.22	0	0	0	0	0	0
7/22/2023 7:06	28403 HART_T2	0	0	0	0	0	0	-1.8	-1.78	2	2	0	1800	1800	0
7/22/2023 7:06	52502 PROG_T2	0	0	0	0	0	0	0.33	0.34	0	0	0	0	0	0
7/22/2023 7:06	29402 BELT_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
7/22/2023 7:06	45003 LIME_2	2	2	0	1.9	1.95	0.05	0	0	0	0	0	0	0	0
7/22/2023 7:06	67204 TEHI_T2	0	0	0	0	0	0	-0.36	-0.33	0	0	0	0	0	0
7/22/2023 7:06	17805 GILB_T2	0	0	0	0	0	0	-0.05	-0.02	0	0	0	0	0	0
7/22/2023 7:06	60801 BUCK_T1	183	173	-10	0.73	0.47	-0.26	0	0	0	0	0	0	0	0
7/22/2023 7:06	58803 COCO_T1	2	2	0	3	3.3	0.3	-1.35	-1.3	0	0	0	0	0	0
7/22/2023 7:06	10805 CHHI_T2	1	1	0	8.9	9.1	0.2	-1.8	-1.86	2	2	0	1200	1200	0
7/22/2023 7:06	62604 ENGL_T1	0	0	0	0	0	0	-0.73	-0.67	0	0	0	0	0	0
7/22/2023 7:06	45702 LIND_T2	1	1	0	0.2	0.5	0.3	-0.38	-0.38	0	0	0	0	0	0
7/22/2023 7:06	46302 ROHR_T1	3	3	0	0.47	0.9	0.43	0.23	0.23	0	0	0	0	0	0
7/22/2023 7:06	15703 TANN_T2	2	2	0	6	5.95	-0.05	0	0	0	0	0	0	0	0
7/22/2023 7:06	27101 GFLD_T2	2	2	0	0.4	0.7	0.3	0.32	0.32	0	0	0	0	0	0
7/22/2023 7:06	42903 MIDD_T2	0	2	2	0	0.3	0.3	0	0	0	0	0	0	0	0
7/22/2023 7:06	29402 BELT_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
7/22/2023 7:06	66703 STRA_T1	5	1	-4	0.38	0.2	-0.18	-0.08	-0.05	0	0	0	0	0	0
7/22/2023 7:06	10801 CHHI_T1	0	1	1	0	0.1	0.1	-0.19	-0.26	1	1	0	600	600	0
7/22/2023 7:06	59101 WALK_T2	0	0	0	0	0	0	2.88	2.56	0	0	0	0	0	0
7/22/2023 7:06	44901 SCOT_T2	0	0	0	0	0	0	-0.17	-0.16	0	0	0	0	0	0
7/22/2023 7:07	60101 COCA_T1	0	0	0	0	0	0	0.3	0.42	0	0	0	0	0	0
7/22/2023 10:00	64801 MONE_T2	0	0	0	0	0	0	0.54	0.56	0	0	0	0	0	0
7/22/2023 10:00	67604 WARW_T1	0	0	0	0	0	0	0.11	0.17	0	0	0	0	0	0
7/22/2023 10:00	15203 SFAR_T2	1	2	1	0.4	0.4	0	0	0	0	0	0	0	0	0
7/22/2023 10:00	12604 MACA_T1	0	0	0	0	0	0	0.55	0.57	0	0	0	0	0	0
7/22/2023 10:00	28601 BLYT_T2	1	0	-1	0.2	0	-0.2	0	0	0	0	0	0	0	0
7/22/2023 10:00	15604 NSTR_T1	0	0	0	0	0	0	0.29	0.29	0	0	0	0	0	0
7/22/2023 10:00	65901 SAKR_T2	0	0	0	0	0	0	-0.6	-1.03	2	2	0	1500	1500	0
7/23/2023 8:03	58001 WCAR_T1	33	15	-18	0.45	0.61	0.16	0	0	0	0	0	0	0	0
7/23/2023 8:21	58003 WCAR_T1	107	82	-25	0.4	0.45	0.05	0.64	0.71	0	0	0	0	0	0
7/23/2023 8:26	58402 MORO_T1	0	0	0	0	0	0	-0.51	-0.51	0	0	0	0	0	0
7/23/2023 8:30	59101 WALK_T2	0	0	0	0	0	0	1.04	1.18	0	0	0	0	0	0
7/23/2023 8:42	58402 MORO_T1	0	0	0	0	0	0	-0.51	-0.48	0	0	0	0	0	0
7/23/2023 8:45	58003 WCAR_T1	59	54	-5	0.32	0.3	-0.02	0	0	0	0	0	0	0	0
7/23/2023 9:18	45902 AUBU_T1	0	1	1	0	0.2	0.2	0	0	0	0	0	0	0	0
7/23/2023 9:33	56802 BENV_T2	1	1	0	0.2	0.2	0	-1.08	-1.12	0	0	0	0	0	0
7/23/2023 9:40	48302 ORWI_T2	2	2	0	0.65	0.6	-0.05	-0.06	-0.03	0	0	0	0	0	0
7/23/2023 9:50	41901 REED_T1	1	1	0	0.3	0	-0.3	-1.89	-1.87	0	0	0	0	0	0
7/23/2023 9:50	15001 BLMO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
7/23/2023 9:56	47403 PENS_T1	1	3	2	2	2.4	0.4	0	0	0	0	0	0	0	0
7/23/2023 10:00	64801 MONE_T2	0	0	0	0	0	0	0.57	0.58	0	0	0	0	0	0
7/23/2023 10:00	52503 PROG_T2	0	0	0	0	0	0	-0.45	-0.42	0	1	1	0	900	900
7/23/2023 10:00	15001 BLMO_T1	0	3	3	0	0	0	0	0	0	0	0	0	0	0
7/23/2023 10:00	67604 WARW_T1	0	0	0	0	0	0	0.09	0.15	0	0	0	0	0	0
7/23/2023 10:00	10602 BLGL_T2	1	1	0	8.9	9	0.1	0.47	0.54	0	0	0	0	0	0
7/23/2023 10:10	43202 MVIL_T2	0	0	0	0	0	0	-0.59	-0.55	0	0	0	0	0	0
7/23/2023 10:13	66505 SMAN_T2	0	0	0	0	0	0	0.07	-0.09	2	3	1	1200	1700	500
7/23/2023 10:14	43304 WATS_T2	5	0	-5	0.36	0	-0.36	-0.18	-0.15	0	0	0	0	0	0
7/23/2023 10:15	46302 ROHR_T1	4	5	1	0.2	0.6	0.4	0.29	0.29	0	0	0	0	0	0
7/23/2023 10:15	45602 WOOL_T1	0	0	0	0	0	0	0.71	0.72	0	0	0	0	0	0
7/23/2023 10:16	56803 BENV_T1	2	3	1	1.35	0.4	-0.95	0.14	0.16	0	0	0	0	0	0
7/23/2023 10:17	45902 AUBU_T1	0	0	0	0	0	0	-0.65	-0.68	1	1	0	600	600	0
7/23/2023 10:17	15001 BLMO_T1	0	3	3	0	0.35	0.35	0	0	0	0	0	0	0	0
7/23/2023 10:18	29402 BELT_T1	11	8	-3	0.25	0.31	0.06	0	0	0	0	0	0	0	0
7/23/2023 10:18	20401 ASHF_T2	1	2	1	0.1	1	0.9	0	0	0	0	0	0	0	0
7/23/2023 10:22	28403 HART_T2	0	0	0	0	0	0	-0.43	-0.4	1	1	0	900	900	0
7/23/2023 10:23	17804 GILB_T2	1	1	0	0.5	1	0.5	0	0	0	0	0	0	0	0
7/23/2023 10:25	52404 GRPA_T2	0	1	1	0	0	0	0	0	0	0	0	0	0	0
7/23/2023 10:30	59101 WALK_T2	1	3	2	0.3	0	-0.3	1.17	1.17	1	1	0	600	600	0
7/23/2023 10:31	29402 BELT_T1	8	16	8	0.31	0.33	0.02	0	0	0	0	0	0	0	0
7/23/2023 10:32	28604 BLYT_T2	0	0	0	0	0	0	-1.14	-1.09	0	0	0	0	0	0
7/23/2023 10:32	16302 ALPA_T2	0	0	0	0	0	0	-0.42	-0.39	0	0	0	0	0	0
7/23/2023 10:33	56803 BENV_T1	3	2	-1	1.27	0.6	-0.67	0.16	0.13	0	0	0	0	0	0
7/23/2023 10:35	24901 WHHA_T1	0	1	1	0	0.3	0.3	0.82	0.86	0	0	0	0	0	0
7/23/2023 10:35	61802 EELI_T2	7	6	-1	0.17	0.1	-0.07	0	0	0	0	0	0	0	0
7/23/2023 10:36	62604 ENGL_T1	0	0	0	0	0	0	-1.11	-1.19	1	1	0	600	600	0
7/23/2023 10:38	27102 GFLD_T2	0	1	1	0	0.4	0.4	0	0	0	0	0	0	0	0
7/23/2023 10:38	25501 MADI_T1	0	1	1	0	0.1	0.1	0.43	0.46	0	0	0	0	0	0
7/23/2023 10:40	40901 JESH_T1	1	1	0	2.2	2.3	0.1	0	0	0	0	0	0	0	0
7/23/2023 10:41	52503 PROG_T2	0	0	0	0	0	0	-0.3	-0.26	1	1	0	900	900	0
7/23/2023 10:42	46506 LOHA_T1	1	0	-1	0.4	0	-0.4	-0.26	-0.24	0	0	0	0	0	0
7/23/2023 10:43	66703 STRA_T1	0	0	0	0	0	0	0.2	0.2	0	0	0	0	0	0
7/23/2023 10:44	56504 ROCK_T2	0	0	0	0	0	0	0.14	0.14	0	0	0	0	0	0
7/23/2023 10:45	59101 WALK_T2	0	5	5	0	0.55	0.55	1.17	1.04	1	1	0	600	600	0
7/23/2023 10:45	48302 ORWI_T2	2	2	0	1.45	0.65	-0.8	0.04	0.03	0	0	0	0	0	0
7/23/2023 10:47	24901 WHHA_T1	0	1	1	0	0.3	0.3	0.82	0.86	0	0	0	0	0	0
7/23/2023 10:49	11102 EGYP_T1	3	3	0	0.8	0.9	0.1	0	0	0	0	0	0	0	0
7/23/2023 10:49	16301 ALPA_T1	0	0	0	0	0	0	-1.11	-1.03	0	0	0	0	0	0
7/23/2023 10:51	58803 COCO_T1	2	1	-1	1.15	2	0.85	-0.74	-0.67	0	0	0	0	0	0
7/23/2023 10:52	28403 HART_T2	0	0	0	0	0	0	-0.4	-0.37	1	1	0	900	900	0
7/23/2023 10:55	63404 HONY_T1	4	5	1	3.68	7.05	3.37	0	0	0	0	0	0	0	0
7/23/2023 10:56	56504 ROCK_T2	0	0	0	0	0	0	0.14	0.16	0	0	0	0	0	0
7/23/2023 10:57	46702 RENO_T1	0	0	0	0	0	0	0.02	0.01	0	0	0	0	0	0
7/23/2023 10:57	47403 PENS_T1	1	1	0	2.2	2.7	0.5	0	0	0	0	0	0	0	0
7/23/2023 11:01	29402 BELT_T1	16	4	-12	0.33	0.33	0	0	0	0	0	0	0	0	0
7/23/2023 11:03	60801 BUCK_T1	31	8	-23	0.27	0.16	-0.11	0	0	0	0	0	0	0	0
7/23/2023 11:04	10805 CHHI_T2	2	3	1	4.8	4.8	0	-1.01	-0.97	1	1	0	600	600	0
7/23/2023 11:07	52402 GRPA_T2	1	1	0	0	0	0	0	0	0	0	0	0	0	0
7/23/2023 11:08	45003 LIME_2	2	2	0	1.9	1.7	-0.2	0	0	1	1	0	1200	1200	0
7/23/2023 11:09	64301 LINC_T1	0	0	0	0	0	0	-0.87	-0.86	1	1	0	600	600	0
7/23/2023 11:19	60801 BUCK_T1	8	5	-3	0.16	0.12	-0.04	0	0	0	0	0	0	0	0
7/23/2023 11:19	45702 LIND_T2	0	0	0	0	0	0	-0.13	-0.14	0	0	0	0	0	0
7/23/2023 11:27	42701 AUGU_T1	0	0	0	0	0	0	0	0	2	2	0	1800	1800	0
7/23/2023 11:32	51604 DUKE_T2	3	5	2	0.37	0.34	-0.03	-2.38	-2.4	1	1	0	900	900	0
7/23/2023 11:34	52502 PROG_T2	0	0	0	0	0	0	-0.1	-0.03	1	1	0	900	900	0
7/23/2023 11:45	44904 SCOT_T1	0	0	0	0	0	0	0.08	0.12	0	0	0	0	0	0
7/23/2023 11:59	65503 MOJO_T2	0	0	0	0	0	0	0	0.01	1	1	0	900	900	0
7/23/2023 12:09	65503 MOJO_T2	0	0	0	0	0	0	0.01	-0.04	1	1	0	900	900	0
7/23/2023 12:09	25402 LAHA_T2	0	0	0	0	0	0	-0.19	-0.16	0	0	0	0	0	0
7/23/2023 12:26	25402 LAHA_T2	0	0	0	0	0	0	-0.16	-0.19	0	0	0	0	0	0
7/23/2023 12:38	63501 HEID_TBK1-2	0	1	1	0	0	0	0.24	0.22	2	2	0	1500	1500	0
7/23/2023 12:56	57304 MOAL_T2	0	0	0	0	0	0	-0.34	-0.44	0	0	0	0	0	0
7/23/2023 13:23	47001 HUGH_T2	0	1	1	0	0	0	-0.97	-0.98	1	1	0	900	900	0
7/23/2023 13:35	41801 GOCI_T2	1	0	-1	0.3	0	-0.3	0	0	0	0	0	0	0	0
7/23/2023 13:39	44505 HAMI_T2	8	7	-1	0.8	0.23	-0.57	0	0	0	0	0	0	0	0
7/23/2023 13:40	52404 GRPA_T2	1	0	-1	0.1	0	-0.1	-0.48	-0.43	0	0	0	0	0	0
7/23/2023 13:44	42201 SHEN_T2	0	1	1	0	1.1	1.1	0.41	0.46	1	1	0	600	600	0
7/23/2023 13:48	60101 COCA_T1	0	1	1	0	0.2	0.2	-0.35	-0.33	1	1	0	1200	1200	0
7/23/2023 13:54	52402 GRPA_T2	2	2	0	1.3	0	-1.3	0	0	0	0	0	0	0	0
7/23/2023 13:58	14401 SSLA_T1	1	1	0	2	1.9	-0.1	0	0	0	0	0	0	0	0
7/23/2023 14:01	45902 AUBU_T1	0	0	0	0	0	0	-0.71	-0.7	1	1	0	600	600	0
7/23/2023 14:13	47401 PENS_T1	4	2	-2	0.48	0	-0.48	0.37	0.41	0	0	0	0	0	0
7/23/2023 14:14	44203 POIN_T2	14	28	14	0.93	0.78	-0.15	0.44	0.49	1	1	0	900	900	0
7/23/2023 14:19	41602 CLEV_T1	12	5	-7	0.42	0.1	-0.32	0	0	1	1	0	600	600	0
7/23/2023 14:21	53501 EVIL_T2	1	2	1	0.7	0.5	-0.2	-0.08	-0.02	0	0	0	0	0	0
7/23/2023 14:22	63403 HONY_T2	1	6	5	0.2	0.4	0.2	-0.51	-0.49	1	1	0	600	600	0
7/23/2023 14:24	52403 GRPA_T2	8	13	5	1.03	0.7	-0.33	0	0	0	0	0	0	0	0
7/23/2023 14:28	57304 MOAL_T2	7	3	-4	0.46	0.4	-0.06	-0.31	-0.26	0	0	0	0	0	0
7/23/2023 14:29	44203 POIN_T2	16	29	13	1.01	0.63	-0.38	0.49	0.56	1	1	0	900	900	0
7/23/2023 14:30	60502 NMAN_T2	0	0	0	0	0	0	-0.08	-0.09	0	0	0	0	0	0
7/23/2023 14:30	67503 WEWI_T2	1	2	1	0.2	0	-0.2	0.54	0.51	0	0	0	0	0	0
7/23/2023 14:31	13704 SCHN_T2	0	0	0	0	0	0	-0.23	-0.22	0	0	0	0	0	0
7/23/2023 14:32	10805 CHHI_T2	24	71	47	1.08	0.74	-0.34	-0.6	-0.57	1	1	0	600	600	0
7/23/2023 14:33	44801 EDAN_T2	1	2	1	1.3	0.9	-0.4	0	0	0	0	0	0	0	0
7/23/2023 14:44	65603 QVIL_T2	1	1	0	8	8.2	0.2	0	0	0	0	0	0	0	0
7/23/2023 14:55	57303 MOAL_T2	1	1	0	8.9	9	0.1	0	0	0	0	0	0	0	0
7/23/2023 14:58	16505 STRO_T1	1	0	-1	0.4	0	-0.4	0.01	0.01	0	0	0	0	0	0
7/23/2023 15:06	44503 HAMI_T2	4	4	0	0.93	0	-0.93	0	0	0	0	0	0	0	0
7/23/2023 15:12	46701 RENO_T1	0	7	7	0	0.2	0.2	0	0	0	0	0	0	0	0
7/23/2023 15:14	65503 MOJO_T2	0	0	0	0	0	0	-0.37	-0.42	1	1	0	900	900	0
7/23/2023 15:17	55101 WERT_T1	0	2	2	0	0	0	-1.76	-1.7	3	3	0	2400	2400	0
7/23/2023 15:24	52401 GRPA_T2	1	6	5	0.1	0.2	0.1	0	0	0	0	0	0	0	0
7/23/2023 15:34	10801 CHHI_T1	3	3	0	0.7	0.53	-0.17	-0.85	-0.88	3	3	0	2100	2100	0
7/23/2023 15:38	44502 HAMI_T2	1	1	0	0.6	0.7	0.1	-0.4	-0.41	0	0	0	0	0	0
7/23/2023 15:39	16402 MOPO_T1	0	0	0	0	0	0	-0.15	-0.1	0	0	0	0	0	0
7/23/2023 15:41	40901 JESH_T1	1	2	1	1.8	1.7	-0.1	0	0	0	0	0	0	0	0
7/23/2023 15:57	65602 QVIL_T2	1	2	1	0.3	0.5	0.2	0	0	0	0	0	0	0	0
7/23/2023 16:01	42701 AUGU_T1	2	17	15	0.25	0.48	0.23	0	0	2	2	0	1800	1800	0
7/23/2023 16:25	60502 NMAN_T2	1	3	2	0.1	0	-0.1	0	-0.05	0	0	0	0	0	0
7/23/2023 16:40	26402 INOR_T1	0	0	0	0	0	0	-0.92	-0.92	0	0	0	0	0	0
7/23/2023 16:47	60701 BREC_T1	0	2	2	0	0.1	0.1	0.2	0.13	1	1	0	600	600	0
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7/23/2023 21:16	42701 AUGU_T1	0	1	1	0	0	0	0	0	2	2	0	1800	1800	0
7/23/2023 21:19	51604 DUKE_T2	34	1	-33	0.24	0.1	-0.14	-2.3	-2.37	1	1	0	900	900	0
7/23/2023 21:21	60801 BUCK_T1	13	48	35	0.25	0.38	0.13	0	0	0	0	0	0	0	0
7/23/2023 21:29	52502 PROG_T2	0	0	0	0	0	0	0.05	0.03	1	1	0	900	900	0
7/23/2023 21:44	44905 SCOT_T1	22	9	-13	0.3	0.23	-0.07	0	0	0	0	0	0	0	0
7/23/2023 21:57	65503 MOJO_T2	0	0	0	0	0	0	-0.79	-0.85	1	1	0	900	900	0
7/23/2023 22:08	25402 LAHA_T2	0	0	0	0	0	0	-0.57	-0.62	0	0	0	0	0	0
7/23/2023 22:22	55101 WERT_T1	0	0	0	0	0	0	-1.84	-1.81	3	3	0	2400	2400	0
7/23/2023 22:23	67503 WEWI_T2	0	0	0	0	0	0	0.25	0.21	0	0	0	0	0	0
7/23/2023 22:24	16505 STRO_T1	0	0	0	0	0	0	0.01	0.01	0	0	0	0	0	0
7/23/2023 22:25	63402 HONY_T2	1	1	0	0.8	0.6	-0.2	0	0	0	0	0	0	0	0
7/23/2023 22:26	63501 HEID_TBK1-2	1	1	0	0.5	0.9	0.4	-0.01	-0.05	2	2	0	1500	1500	0
7/23/2023 22:26	65604 QVIL_T2	0	0	0	0	0	0	0.61	0.57	0	0	0	0	0	0
7/23/2023 22:27	44203 POIN_T2	0	0	0	0	0	0	-0.72	-0.85	2	2	0	2100	2100	0
7/23/2023 22:28	60701 BREC_T1	0	0	0	0	0	0	-0.16	-0.18	1	1	0	600	600	0
7/23/2023 22:29	65503 MOJO_T2	0	0	0	0	0	0	-0.91	-0.95	1	1	0	900	900	0
7/23/2023 22:29	64101 REFR_T1	0	0	0	0	0	0	0.31	0.3	0	0	0	0	0	0
7/23/2023 22:29	16402 MOPO_T1	0	0	0	0	0	0	0.68	0.67	0	0	0	0	0	0
7/23/2023 22:30	53501 EVIL_T2	0	0	0	0	0	0	-0.17	-0.16	0	0	0	0	0	0
7/23/2023 22:31	51906 COPA_T1	0	0	0	0	0	0	-1.43	-1.46	2	2	0	1500	1500	0
7/23/2023 22:31	60101 COCA_T1	0	0	0	0	0	0	0.74	0.68	0	0	0	0	0	0
7/23/2023 22:32	52403 GRPA_T2	0	0	0	0	0	0	-0.36	-0.36	0	0	0	0	0	0
7/23/2023 22:32	52404 GRPA_T2	0	1	1	0	0.3	0.3	0	0	0	0	0	0	0	0
7/23/2023 22:32	57304 MOAL_T2	1	0	-1	0.2	0	-0.2	-0.47	0.07	0	0	0	0	0	0
7/23/2023 22:33	57304 MOAL_T2	1	0	-1	0.2	0	-0.2	-0.47	0.07	0	0	0	0	0	0
7/23/2023 22:33	44502 HAMI_T2	1	1	0	2.9	3.1	0.2	-0.61	-0.58	0	0	0	0	0	0
7/23/2023 22:33	44203 POIN_T2	0	2	2	0	0	0	-0.72	-0.85	2	2	0	2100	2100	0
7/23/2023 22:34	52404 GRPA_T2	0	1	1	0	0.3	0.3	0	-0.02	0	0	0	0	0	0
7/23/2023 22:35	52402 GRPA_T2	1	2	1	0	0.7	0.7	0	0	0	0	0	0	0	0
7/23/2023 22:36	40902 JESH_T1	0	0	0	0	0	0	0.05	0.04	1	1	0	600	600	0
7/23/2023 22:37	47401 PENS_T1	0	0	0	0	0	0	0.04	0	0	0	0	0	0	0
7/23/2023 22:38	14403 SSLA_T1	0	0	0	0	0	0	1.09	1.03	0	0	0	0	0	0
7/23/2023 22:38	42701 AUGU_T1	0	0	0	0	0	0	0	0	2	2	0	1800	1800	0
7/23/2023 22:38	44502 HAMI_T2	1	1	0	2.9	3.1	0.2	-0.58	-0.61	0	0	0	0	0	0
7/23/2023 22:39	42201 SHEN_T2	0	0	0	0	0	0	0.35	0.32	1	1	0	600	600	0
7/23/2023 22:39	57304 MOAL_T2	1	0	-1	0.2	0	-0.2	0.07	0.08	0	0	0	0	0	0
7/23/2023 22:40	43301 WATS_T2	1	1	0	0.5	0.7	0.2	0	0	0	0	0	0	0	0
7/23/2023 22:40	42701 AUGU_T1	0	0	0	0	0	0	0	0	2	2	0	1800	1800	0
7/23/2023 22:41	44801 EDAN_T2	1	1	0	1.2	0.8	-0.4	0	0	0	0	0	0	0	0
7/23/2023 22:43	46702 RENO_T1	49	1	-48	0.17	0.2	0.03	-0.03	-0.01	0	0	0	0	0	0
7/24/2023 0:28	16302 ALPA_T2	0	0	0	0	0	0	-0.51	-0.53	0	0	0	0	0	0
7/24/2023 0:28	26402 INOR_T1	0	0	0	0	0	0	-0.27	-0.3	0	0	0	0	0	0
7/24/2023 0:28	13101 NHAM_T1	0	0	0	0	0	0	-1.98	-1.98	2	2	0	2100	2100	0
7/24/2023 0:28	60501 NMAN_T2	3	3	0	4.5	4.5	0	0	0	0	0	0	0	0	0
7/24/2023 0:28	12701 MACU_T1	0	0	0	0	0	0	-0.99	-1.01	1	1	0	1200	1200	0
7/24/2023 0:28	45902 AUBU_T1	0	0	0	0	0	0	-0.64	-0.71	1	1	0	600	600	0
7/24/2023 0:28	44502 HAMI_T2	1	1	0	2.9	3.2	0.3	-0.72	-0.75	0	0	0	0	0	0
7/24/2023 0:28	65603 QVIL_T2	1	1	0	7.5	7.6	0.1	0	0	0	0	0	0	0	0
7/24/2023 0:28	29402 BELT_T1	41	43	2	0.35	0.36	0.01	0	0	0	0	0	0	0	0
7/24/2023 0:28	11104 EGYP_T1	0	0	0	0	0	0	0.34	0.34	0	0	0	0	0	0
7/24/2023 0:28	25402 LAHA_T2	0	0	0	0	0	0	-0.74	-0.78	0	0	0	0	0	0
7/24/2023 0:28	14702 TREX_T2	0	0	0	0	0	0	0.74	0.85	0	0	0	0	0	0
7/24/2023 0:28	10805 CHHI_T2	1	1	0	8.5	8.1	-0.4	2.37	2.35	2	2	0	1200	1200	0
7/24/2023 0:28	16301 ALPA_T1	1	50	49	0.4	0.11	-0.29	-1.3	-1.42	0	0	0	0	0	0
7/24/2023 0:28	41801 GOCI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
7/24/2023 0:28	10801 CHHI_T1	0	0	0	0	0	0	-1.09	-1.17	2	2	0	1500	1500	0
7/24/2023 0:28	24901 WHHA_T1	0	0	0	0	0	0	1.46	1.45	0	0	0	0	0	0
7/24/2023 0:28	29401 BELT_T1	0	0	0	0	0	0	0	0	1	1	0	900	900	0
7/24/2023 0:28	13704 SCHN_T2	0	0	0	0	0	0	-0.18	-0.27	0	0	0	0	0	0
7/24/2023 0:28	41602 CLEV_T1	0	0	0	0	0	0	0	0	1	1	0	600	600	0
7/24/2023 8:09	58001 WCAR_T1	4	11	7	0.95	0.76	-0.19	0	0	0	0	0	0	0	0
7/24/2023 8:12	45802 HEGI_T2	0	0	0	0	0	0	0.64	0.72	2	2	0	1200	1200	0
7/24/2023 8:14	44502 HAMI_T2	1	1	0	1.8	2.1	0.3	-0.62	-0.62	0	0	0	0	0	0
7/24/2023 8:18	13101 NHAM_T1	0	0	0	0	0	0	-1.47	-1.48	2	2	0	2100	2100	0
7/24/2023 8:19	58402 MORO_T1	0	1	1	0	0	0	-0.7	-0.76	2	2	0	1500	1500	0
7/24/2023 8:26	51906 COPA_T1	0	0	0	0	0	0	-0.9	-0.88	2	2	0	1500	1500	0
7/24/2023 8:45	58401 MORO_T1	1	2	1	0.4	0.3	-0.1	0	0	0	0	0	0	0	0
7/24/2023 9:07	45901 AUBU_T1	0	0	0	0	0	0	1.56	1.55	0	0	0	0	0	0
7/24/2023 9:20	65503 MOJO_T2	0	0	0	0	0	0	-0.27	-0.14	1	1	0	900	900	0
7/24/2023 9:20	63305 GREE_T1	0	0	0	0	0	0	-0.58	-0.59	1	1	0	900	900	0
7/24/2023 9:21	59101 WALK_T2	0	0	0	0	0	0	1.67	1.17	1	1	0	600	600	0
7/24/2023 9:27	53601 DALM_T2	1	1	0	0.5	0.2	-0.3	-0.29	-0.31	1	1	0	900	900	0
7/24/2023 9:30	65503 MOJO_T2	0	0	0	0	0	0	-0.27	-0.14	1	1	0	900	900	0
7/24/2023 9:32	43201 MVIL_T2	2	1	-1	0.75	0.1	-0.65	0	0	0	0	0	0	0	0
7/24/2023 9:34	67202 TEHI_T2	1	1	0	0	0	0	0	0	0	0	0	0	0	0
7/24/2023 9:34	59101 WALK_T2	0	0	0	0	0	0	1.17	1.63	1	0	-1	600	0	-600
7/24/2023 9:38	60101 COCA_T1	0	1	1	0	0	0	0.7	0.69	0	0	0	0	0	0
7/24/2023 9:39	45902 AUBU_T1	0	0	0	0	0	0	-0.34	-0.25	1	1	0	600	600	0
7/24/2023 9:40	56802 BENV_T2	1	1	0	1	1	0	-0.94	-0.93	0	0	0	0	0	0
7/24/2023 9:46	42002 MNVL_T2	1	1	0	4	4.3	0.3	0	0	0	0	0	0	0	0
7/24/2023 9:55	56802 BENV_T2	1	2	1	0.9	0.55	-0.35	-0.93	-0.89	0	0	0	0	0	0
7/24/2023 9:58	24105 EHAZ_T1	4	4	0	5.43	5.43	0	0	0	0	0	0	0	0	0
7/24/2023 9:58	53501 EVIL_T2	1	0	-1	0.5	0	-0.5	-1.15	-0.98	4	4	0	2700	2700	0
7/24/2023 10:00	12604 MACA_T1	0	0	0	0	0	0	0.66	0.64	0	0	0	0	0	0
7/24/2023 10:00	15203 SFAR_T2	1	1	0	0.4	0	-0.4	0	0	0	0	0	0	0	0
7/24/2023 10:00	47901 HRDG_T1	0	0	0	0	0	0	2.05	2.08	0	0	0	0	0	0
7/24/2023 10:00	65901 SAKR_T2	0	0	0	0	0	0	-0.76	-0.75	2	2	0	1500	1500	0
7/24/2023 10:00	10602 BLGI_T2	1	3	2	7.4	7.4	0	1.73	1.76	0	0	0	0	0	0
7/24/2023 10:00	52503 PROG_T2	0	0	0	0	0	0	-0.42	-0.44	1	1	0	900	900	0
7/24/2023 10:00	20401 ASHF_T2	0	0	0	0	0	0	0.06	0.02	1	1	0	600	600	0
7/24/2023 10:00	64801 MONE_T2	0	0	0	0	0	0	0.59	0.6	0	0	0	0	0	0
7/24/2023 10:00	56601 HAMP_T1	53	41	-12	0.21	0.21	0	0.06	0.02	0	0	0	0	0	0
7/24/2023 10:00	15604 NSTR_T1	0	0	0	0	0	0	0.29	0.29	0	0	0	0	0	0
7/24/2023 10:00	67604 WARW_T1	0	0	0	0	0	0	0.25	0.29	0	0	0	0	0	0
7/24/2023 10:03	41902 REED_T1	5	7	2	0.5	0.92	0.42	0	0	0	0	0	0	0	0
7/24/2023 10:07	15001 BLMO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
7/24/2023 10:07	20403 ASHF_T2	0	0	0	0	0	0	0.51	0.93	0	0	0	0	0	0
7/24/2023 10:08	66505 SMAN_T2	0	1	1	0	0	0	0.79	0.75	4	3	-1	2300	1700	-600
7/24/2023 10:08	43301 WATS_T2	0	2	2	0	0	0	0	0	0	0	0	0	0	0
7/24/2023 10:09	44801 EDAN_T2	0	1	1	0	0	0	0	0	0	0	0	0	0	0
7/24/2023 10:10	45901 AUBU_T1	0	0	0	0	0	0	1.5	1.58	0	0	0	0	0	0
7/24/2023 10:11	56802 BENV_T2	1	2	1	1	0.45	-0.55	-0.89	-0.88	0	0	0	0	0	0
7/24/2023 10:12	52403 GRPA_T2	0	3	3	0	0.7	0.7	0	0	0	0	0	0	0	0
7/24/2023 10:13	28403 HART_T2	0	0	0	0	0	0	-0.59	-0.61	1	1	0	900	900	0
7/24/2023 10:19	46702 RENO_T1	0	0	0	0	0	0	0.06	0.09	0	0	0	0	0	0
7/24/2023 10:20	52502 PROG_T2	0	0	0	0	0	0	-0.45	-0.41	1	1	0	900	900	0
7/24/2023 10:22	66501 SMAN_T2	1	0	-1	0.1	0	-0.1	0	0	0	0	0	0	0	0
7/24/2023 10:23	67502 WEWI_T2	0	0	0	0	0	0	-0.67	-0.66	1	0	-1	900	0	-900
7/24/2023 10:23	44301 BEAV_T2	15	4	-11	0.65	1.07	0.42	0.86	0.77	2	2	0	1500	1500	0
7/24/2023 10:23	24902 WHHA_T1	0	1	1	0	0	0	0	0	0	0	0	0	0	0
7/24/2023 10:23	59101 WALK_T2	0	2	2	0	0.2	0.2	1.28	1.22	2	2	0	1200	1200	0
7/24/2023 10:24	15001 BLMO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
7/24/2023 10:24	45902 AUBU_T1	0	0	0	0	0	0	-0.24	-0.32	1	1	0	600	600	0
7/24/2023 10:26	17805 GILB_T2	0	0	0	0	0	0	0.44	0.44	0	0	0	0	0	0
7/24/2023 10:26	56802 BENV_T2	2	1	-1	0.45	0.6	0.15	-0.88	-0.92	0	0	0	0	0	0
7/24/2023 10:28	52403 GRPA_T2	3	2	-1	0.63	0	-0.63	-0.08	-0.06	0	0	0	0	0	0
7/24/2023 10:31	25501 MADI_T1	0	0	0	0	0	0	0.46	0.45	0	0	0	0	0	0
7/24/2023 10:34	59101 WALK_T2	1	2	1	0.3	0	-0.3	1.22	1.21	2	2	0	1200	1200	0
7/24/2023 10:34	42903 MIDD_T2	4	3	-1	0.35	0.33	-0.02	0	0	0	0	0	0	0	0
7/24/2023 10:37	56801 BENV_T1	7	4	-3	0.16	0.23	0.07	0	0	0	0	0	0	0	0
7/24/2023 10:37	56504 ROCK_T2	0	0	0	0	0	0	0.14	0.16	0	0	0	0	0	0
7/24/2023 10:38	45602 WOOL_T1	0	0	0	0	0	0	0.91	0.94	0	0	0	0	0	0
7/24/2023 10:39	16302 ALPA_T2	0	0	0	0	0	0	-0.05	0.06	0	0	0	0	0	0
7/24/2023 10:41	28604 BLYT_T2	0	0	0	0	0	0	-1.12	-1.12	0	0	0	0	0	0
7/24/2023 10:43	53501 EVIL_T2	0	1	1	0	0.3	0.3	-1.37	-1.48	4	4	0	2700	2700	0
7/24/2023 10:44	40901 JESH_T1	1	0	0	1.8	1.7	-0.1	0	0	0	0	0	0	0	0
7/24/2023 10:44	52401 GRPA_T2	0	0	0	0	0	0	-0.37	-0.39	0	0	0	0	0	0
7/24/2023 10:45	13503 MCMI_T2	0	0	0	0	0	0	0.11	0.13	0	0	0	0	0	0
7/24/2023 10:46	52502 PROG_T2	0	0	0	0	0	0	-0.41	-0.4	1	1	0	900	900	0
7/24/2023 10:49	11104 EGYP_T1	5	6	1	0.3	0.3	0	0	0	0	0	0	0	0	0
7/24/2023 10:50	66703 STRA_T1	0	0	0	0	0	0	0.53	0.55	0	0	0	0	0	0
7/24/2023 10:51	16505 STRO_T1	0	0	0	0	0	0	0.01	0.01	0	0	0	0	0	0
7/24/2023 10:52	60803 BUCK_T1	0	0	0	0	0	0	-0.96	-0.89	1	1	0	600	600	0
7/24/2023 10:53	15001 BLMO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
7/24/2023 10:55	58803 COCO_T1	2	2	0	0.65	2.1	1.45	0.35	-0.85	0	0	0	0	0	0
7/24/2023 10:56	56801 BENV_T1	2	4	2	0.35	0.3	-0.05	0	0	0	0	0	0	0	0
7/24/2023 10:57	53501 EVIL_T2	0	2	2	0	0.3	0.3	-1.48	-1.62	4	4	0	2700	2700	0
7/24/2023 10:57	44802 EDAN_T2	0	0	0	0	0	0	-1.79	-1.81	1	1	0	1200	1200	0
7/24/2023 11:00	52403 GRPA_T2	0	2	2	0	0	0	-0.08	-0.07	0	0	0	0	0	0
7/24/2023 11:04	60502 NMAN_T2	0	0	0	0	0	0	0.56	0.66	0	0	0	0	0	0
7/24/2023 11:07	59202 THOM_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
7/24/2023 11:07	44301 BEAV_T2	3	9	6	1.37	1.02	-0.35	0.87	0.86	2	2	0	1500	1500	0
7/24/2023 11:09	67503 WEWI_T2	0	0	0	0	0	0	0.26	0.27	0	0	0	0	0	0
7/24/2023 11:09	43402 BENT_T1	0	0	0	0	0	0	-0.4	-1.07	1	2	1	900	1500	600
7/24/2023 11:10	29401 BELT_T1	0	0	0	0	0	0	0	0	1	1	0	900	900	0
7/24/2023 11:11	10805 CHHI_T2	2	4	2	4.55	9.1	4.55	-0.83	-0.81	2	2	0	1800	1800	0
7/24/2023 11:12	40902 JESH_T1	1	1	0	2.1	0	-2.1	0.03	-0.39	2	3	1	1200	1800	600
7/24/2023 11:13	61801 EEU_T2	0	0	0	0	0	0	-0.29	-0.29	1	1	0	600	600	0
7/24/2023 11:15	62605 ENGL_T1	0	0	0	0	0	0	-0.01	-0.01	0	0	0	0	0	0
7/24/2023 11:16	52403 GRPA_T2	0	6	6	0	0	0	0	0	0	0	0	0	0	0
7/24/2023 11:21	59101 WALK_T2	2	3	1	0.4	0.5	0.1	1.18	1.06	1	2	1	600	1200	600
7/24/2023 11:23	10805 CHHI_T2	1	9	8	9.2	3.1	-6.1	-0.81	-0.67	2	2	0	1800	1800	0
7/24/2023 11:24	45901 AUBU_T1	0	0	0	0	0	0	1.98	1.96	0	0	0	0	0	0
7/24/2023 11:30	62604 ENGL_T1	0	0	0	0	0	0	-0.86	-0.96	1	1	0	600	600	0
7/24/2023 11:33	56501 ROCK_T2	2	2	0	0.35	0.45	0.1	-1.01	-1.02	0	0	0	0	0	0
7/24/2023 11:37	44203 POIN_T2	5	7	2	1.36	1.98	0.62	0.14	0.18	2	2	0	2100	2100	0
7/24/2023 11:39	24901 WHHA_T1	0	0	0	0	0	0	0.81	0.98	0	0	0	0	0	0
7/24/2023 11:43	45702 LIND_T2	1	1	0	0.5	0.8	0.3	-0.03	-0.03	0	0	0	0	0	0
7/24/2023 11:50	44203 POIN_T2	6	6	0	2.47	0.85	-1.62	0.18	0.08	2	2	0	2100	2100	0
7/24/2023 11:54	59102 WALK_T2	0	1	1	0	0.1	0.1	0	0	0	0	0	0	0	0
7/24/2023 12:13	52403 GRPA_T2	6	6	0	0.55	0.3	-0.25	0.01	-0.53	0	0	0	0	0	0
7/24/2023 12:30	63501 HEID_TBK1-2	1	1	0	0.1	0	-0.1	0.85	1.01	2	2	0	1500	1500	0
7/24/2023 13:19	48302 ORWI_T2	2	2	0	0.7	0.6	-0.1	0.16	0.15	0	0	0	0	0	0
7/24/2023 13:20	67202 TEHI_T2	1	1	0	0	0	0	0	0	0	0	0	0	0	0
7/24/2023 13:22	29402 BELT_T1	48	43	-5	0.35	0.32	-0.03	0	0	0	0	0	0	0	0
7/24/2023 13:25	53501 EVIL_T2	1	2	1	0.1	0.55	0.45	-0.86	-0.78	5	5	0	2900	2900	0
7/24/2023 14:11	41602 CLEV_T1	1	1	0	0.2	0	-0.2	0	0	1	1	0	600	600	0
7/24/2023 14:18	44905 SCOT_T1	11	18	7	0.79	0.63	-0.16	0	0	0	0	0	0	0	0
7/24/2023 14:19	65902 SAKR_T2	0	1	1	0	0	0	0	0	0	0	0	0	0	0
7/24/2023 14:21	55101 WERT_T1	0	12	12	0	0	0	-1.56	-1.44	4	4	0	3300	3300	0
7/24/2023 14:21	48302 ORWI_T2	2	2	0	0.4	0.4	0	0.22	0.22	0	0	0	0	0	0
7/24/2023 14:22	46302 ROHR_T1	4	1	-3	0.18	1	0.82	-0.3	-0.26	0	0	0	0	0	0
7/24/2023 14:22	15702 TANN_T2	0	1	1	0	0	0	0.96	0.97	0	0	0	0	0	0
7/24/2023 14:25	29401 BELT_T1	4	4	0	0.15	0.13	-0.02	0	0	0	0	0	0	0	0
7/24/2023 14:26	42701 AUGU_T1	0	0	0	0	0	0	0	0	2	2	0	1800	1800	0
7/24/2023 14:28	63404 HONY_T1	2	4	2	7.05	6.7	-0.35	0	0	0	0	0	0	0	0
7/24/2023 14:31	63501 HEID_TBK1-2	1	0	-1	0.3	0	-0.3	1.09	1.1	2	2	0	1500	1500	0
7/24/2023 14:34	49804 UNIV_T1	0	0	0	0	0	0	1.96	1.86	0	0	0	0	0	0
7/24/2023 14:36	55101 WERT_T1

8/1/2023 0:28	52404 GRPA_T2	0	1	1	0	0.1	0.1	-1.06	-1.09	0	0	0	0	0	0
8/1/2023 0:28	45702 LIND_T2	0	1	1	0	0.4	0.4	-0.71	-0.67	0	0	0	0	0	0
8/1/2023 0:28	56803 BENV_T1	0	0	0	0	0	0	0.51	0.44	0	0	0	0	0	0
8/1/2023 0:28	59301 MCAL_T1	2	2	0	0.45	0.55	0.1	-2.6	-2.61	0	0	0	0	0	0
8/1/2023 0:28	58803 COCO_T1	2	2	0	2.5	2.8	0.3	-6.81	-7.02	0	0	0	0	0	0
8/1/2023 0:28	47001 HUGH_T2	0	0	0	0	0	0	-1.49	-1.28	0	0	0	0	0	0
8/1/2023 0:28	61801 EELI_T2	0	0	0	0	0	0	-0.2	-0.22	0	0	0	0	0	0
8/1/2023 0:28	25503 MADI_T1	2	2	0	0.1	0.1	0	0	0	0	0	0	0	0	0
8/1/2023 0:28	61202 REIN_T1	61	61	0	0.7	0.95	0.25	0	0	1	1	0	900	900	0
8/1/2023 0:28	56801 BENV_T1	23	25	2	0.95	1.29	0.34	-1.43	-1.48	1	1	0	600	600	0
8/1/2023 0:28	67503 WEWI_T2	1	1	0	2.9	2.5	-0.4	-0.32	-0.47	0	0	0	0	0	0
8/1/2023 0:28	60803 BUCK_T1	0	16	16	0	0.21	0.21	-6.22	-6.21	2	2	0	1200	1200	0
8/1/2023 0:28	56501 ROCK_T2	9	10	1	0.44	0.55	0.11	0	0	0	0	0	0	0	0
8/1/2023 0:28	60101 COCA_T1	0	0	0	0	0	0	0.73	0.72	0	0	0	0	0	0
8/1/2023 0:28	17805 GILB_T2	0	0	0	0	0	0	-0.07	-0.1	0	0	0	0	0	0
8/1/2023 0:28	46702 RENO_T1	0	0	0	0	0	0	-0.15	-0.18	0	0	0	0	0	0
8/1/2023 0:28	15702 TANN_T2	0	0	0	0	0	0	1.12	1.06	0	0	0	0	0	0
8/1/2023 0:28	48302 ORWI_T2	2	2	0	1.2	0.9	-0.3	-0.22	-0.24	0	0	0	0	0	0
8/1/2023 0:28	65604 IZVIL_T2	1	0	-1	3	0	-3	0.8	0.76	0	0	0	0	0	0
8/1/2023 0:28	14403 SSLA_T1	0	0	0	0	0	0	1.79	1.69	0	0	0	0	0	0
8/1/2023 0:28	42201 SHEN_T2	0	0	0	0	0	0	-0.14	-0.13	1	1	0	600	600	0
8/1/2023 0:28	49804 UNIV_T1	0	1	1	0	0.4	0.4	1.08	1.03	0	0	0	0	0	0
8/1/2023 0:28	40901 JESH_T1	1	1	0	0.5	0.2	-0.3	0	0	0	0	0	0	0	0
8/1/2023 0:28	47401 PENS_T1	0	0	0	0	0	0	2.06	1.93	0	0	0	0	0	0
8/1/2023 0:28	26704 HEML_T2	0	0	0	0	0	0	-0.77	-0.79	0	0	0	0	0	0
8/1/2023 0:28	64304 LINC_T2	1	1	0	0	0	0	0	0	0	0	0	0	0	0
8/1/2023 0:28	53101 WTWN_T1	5	5	0	0.56	0.96	0.4	0	0	0	0	0	0	0	0
8/1/2023 0:28	28403 HART_T2	0	0	0	0	0	0	-2.17	-2.19	2	2	0	1800	1800	0
8/1/2023 0:28	65503 MOJO_T2	0	0	0	0	0	0	-1.68	-1.76	1	1	0	900	900	0
8/1/2023 0:28	25801 SUTR_T2	0	0	0	0	0	0	-1.55	-1.58	0	0	0	0	0	0
8/1/2023 0:28	28604 BLYT_T2	7	105	98	0.1	0.26	0.16	-0.45	-0.46	0	0	0	0	0	0
8/1/2023 0:28	42601 TUSC_T1	0	0	0	0	0	0	-1.68	-1.83	4	4	0	3600	3600	0
8/1/2023 0:28	59202 THOM_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8/1/2023 0:28	64802 MONE_T2	0	0	0	0	0	0	0.55	0.54	0	0	0	0	0	0
8/1/2023 0:28	67503 WEWI_T2	1	1	0	2.9	2.5	-0.4	-0.32	-0.47	0	0	0	0	0	0
8/1/2023 0:28	27101 GFLD_T2	1	1	0	0	0	0	0.56	0.55	0	0	0	0	0	0
8/1/2023 0:28	45003 LIME_2	2	2	0	2.15	2.45	0.3	0	0	0	0	0	0	0	0
8/1/2023 0:28	59003 MIFF_T1	0	0	0	0	0	0	-1.55	-1.8	0	0	0	0	0	0
8/1/2023 0:28	59101 WALK_T2	1	1	0	0	0	0	4.87	5.62	0	0	0	0	0	0
8/1/2023 0:28	65902 SAKR_T2	0	0	0	0	0	0	-0.2	-0.17	0	0	0	0	0	0
8/1/2023 0:28	24101 EHAZ_T1	0	0	0	0	0	0	0.74	0.72	1	1	0	600	600	0
8/1/2023 0:28	11104 EGYP_T1	0	0	0	0	0	0	2.65	2.54	0	0	0	0	0	0
8/1/2023 0:28	60501 NMAN_T2	3	3	0	5.1	5.73	0.63	0	0	0	0	0	0	0	0
8/1/2023 0:28	44203 POIN_T2	0	0	0	0	0	0	-1.61	-1.55	2	2	0	2100	2100	0
8/1/2023 0:28	55101 WERT_T1	0	0	0	0	0	0	-3.02	-3.09	2	2	0	1800	1800	0
8/1/2023 0:28	63403 HONY_T2	0	0	0	0	0	0	0.56	0.52	0	0	0	0	0	0
8/1/2023 0:28	62605 ENGL_T1	0	0	0	0	0	0	-0.01	-0.01	0	0	0	0	0	0
8/1/2023 0:28	53501 EVIL_T2	1	6	5	0.1	0.4	0.3	-4.13	-4.34	4	4	0	2400	2400	0
8/1/2023 0:28	26001 WDAM_T1	5	4	-1	0.22	0.1	-0.12	-0.9	-0.92	0	0	0	0	0	0
8/1/2023 0:28	62605 ENGL_T1	0	0	0	0	0	0	-0.01	-0.01	0	0	0	0	0	0
8/1/2023 0:28	42001 MNVL_T2	0	0	0	0	0	0	0.2	0.19	0	0	0	0	0	0
8/1/2023 0:28	24901 WHHA_T1	0	0	0	0	0	0	2.93	2.85	0	0	0	0	0	0
8/1/2023 0:28	29402 BELT_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8/1/2023 0:28	29401 BELT_T1	0	0	0	0	0	0	0	0	1	1	0	900	900	0
8/1/2023 0:28	45802 HEGI_T2	0	0	0	0	0	0	-0.21	0.28	2	2	0	1200	1200	0
8/1/2023 0:28	44801 EDAN_T2	1	1	0	0.2	0.1	-0.1	0	0	0	0	0	0	0	0
8/1/2023 0:28	45901 AUBU_T1	0	0	0	0	0	0	6.26	6.25	0	0	0	0	0	0
8/1/2023 0:28	66505 SMAN_T2	0	0	0	0	0	0	2.04	1.26	2	2	0	1800	1800	0
8/1/2023 0:28	67204 TEHI_T2	0	0	0	0	0	0	-0.48	-0.49	0	0	0	0	0	0
8/1/2023 0:28	64301 LINC_T1	0	0	0	0	0	0	-0.44	-0.41	1	1	0	600	600	0
8/1/2023 0:28	45901 AUBU_T1	0	0	0	0	0	0	6.26	6.25	0	0	0	0	0	0
8/1/2023 0:28	53601 DALM_T2	1	1	0	1.2	1.1	-0.1	-0.45	-0.47	1	1	0	900	900	0
8/1/2023 0:28	16302 ALPA_T2	0	0	0	0	0	0	1.55	1.52	0	0	0	0	0	0
8/1/2023 0:28	13704 SCHN_T2	0	0	0	0	0	0	-0.54	-0.55	0	0	0	0	0	0
8/1/2023 0:28	26703 HEML_T1	0	0	0	0	0	0	-1.59	-1.58	1	1	0	600	600	0
8/1/2023 0:28	65802 RTWN_T2	0	0	0	0	0	0	-0.5	-0.57	0	0	0	0	0	0
8/1/2023 0:34	61202 REIN_T1	61	61	0	0.73	1.06	0.33	0	0	1	1	0	900	900	0
8/1/2023 0:35	55101 WERT_T1	0	0	0	0	0	0	-3.09	-3.17	2	2	0	1800	1800	0
8/1/2023 2:05	58803 COCO_T1	2	2	0	3.1	3.3	0.2	-2.62	-2.65	0	0	0	0	0	0
8/1/2023 5:04	61202 REIN_T1	57	52	-5	0.43	0.28	-0.15	0	0	0	0	0	0	0	0
8/1/2023 5:49	61202 REIN_T1	13	6	-7	0.2	0.15	-0.05	0	0	0	0	0	0	0	0
8/1/2023 7:44	59003 MIFF_T1	0	0	0	0	0	0	-2.31	-2.13	0	0	0	0	0	0
8/1/2023 8:13	65702 RVIL_T2	0	0	0	0	0	0	-0.01	-0.01	1	1	0	600	600	0
8/1/2023 8:14	51201 MTON_T1	0	1	1	0	0.2	0.2	0.39	0.4	0	0	0	0	0	0
8/1/2023 8:23	58003 WCAR_T1	1	2	1	1.4	0.85	-0.55	0.58	2.05	1	1	0	600	600	0
8/1/2023 8:24	56802 BENV_T2	2	413	411	0.35	0.29	-0.06	-2.54	-2.47	0	0	0	0	0	0
8/1/2023 8:25	54502 ENOL_T2	1	1	0	0.3	0.7	0.4	-3.68	-3.82	1	1	0	600	600	0
8/1/2023 8:28	50106 HARR_T3	1	1	0	0	0	0	0	0	0	0	0	0	0	0
8/1/2023 8:35	13704 SCHN_T2	0	0	0	0	0	0	-0.35	-0.39	0	0	0	0	0	0
8/1/2023 8:37	52502 PROG_T2	0	0	0	0	0	0	-1.15	-1.1	1	1	0	900	900	0
8/1/2023 8:40	56802 BENV_T2	232	440	208	0.24	0.3	0.06	-2.47	-2.48	0	0	0	0	0	0
8/1/2023 8:42	40101 HUNT_T2	2	4	2	0.65	0.45	-0.2	-0.53	-0.46	0	0	0	0	0	0
8/1/2023 8:44	65702 RVIL_T2	0	1	1	0	0	0	-0.01	-0.01	1	1	0	600	600	0
8/1/2023 8:54	29401 BELT_T1	122	74	-48	0.38	0.3	-0.08	0	0	1	1	0	900	900	0
8/1/2023 9:09	53601 DALM_T2	1	1	0	0.9	0.6	-0.3	-1.02	-0.97	1	1	0	900	900	0
8/1/2023 9:24	56802 BENV_T2	258	110	-148	0.21	0.22	0.01	-2.2	-0.97	0	0	0	0	0	0
8/1/2023 9:31	48302 ORWI_T2	2	2	0	1.25	1.4	0.15	0.01	0.04	0	0	0	0	0	0
8/1/2023 9:31	26401 INOR_T1	2	2	0	0.3	0.2	-0.1	0	0	0	0	0	0	0	0
8/1/2023 9:31	43202 MVIL_T2	0	0	0	0	0	0	-1.15	-1.12	0	0	0	0	0	0
8/1/2023 9:36	28602 BLYT_T2	60	56	-4	0.35	0.34	-0.01	0	0	0	0	0	0	0	0
8/1/2023 9:37	59102 WALK_T2	0	1	1	0	0.6	0.6	0	0	0	0	0	0	0	0
8/1/2023 9:39	58803 COCO_T1	2	2	0	1.45	1.45	0	0.3	0.39	0	0	0	0	0	0
8/1/2023 9:41	45802 HEGI_T2	0	0	0	0	0	0	0.88	0.88	2	2	0	1200	1200	0
8/1/2023 9:48	13503 MCNR_T2	0	0	0	0	0	0	0.09	0.14	0	0	0	0	0	0
8/1/2023 9:50	46701 RENO_T1	0	1	1	0	0.2	0.2	0	0	0	0	0	0	0	0
8/1/2023 9:55	45902 AUBU_T1	0	0	0	0	0	0	-0.35	-0.33	1	1	0	600	600	0
8/1/2023 9:57	40901 JESH_T1	1	2	1	1.1	0.8	-0.3	0	0	0	0	0	0	0	0
8/1/2023 9:59	61202 REIN_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8/1/2023 9:59	53501 EVIL_T2	1	2	1	6.8	0.3	-6.5	-0.38	-0.48	3	3	0	1800	1800	0
8/1/2023 10:00	52503 PROG_T2	0	0	0	0	0	0	-0.91	-0.84	1	1	0	900	900	0
8/1/2023 10:00	45901 AUBU_T1	0	0	0	0	0	0	2.17	2.13	0	0	0	0	0	0
8/1/2023 10:00	67204 TEHI_T2	0	0	0	0	0	0	-0.56	-0.5	0	0	0	0	0	0
8/1/2023 10:00	10602 BLGL_T2	1	1	0	9.1	9.6	0.5	2.36	2.44	0	0	0	0	0	0
8/1/2023 10:00	67605 WARW_T1	0	2	2	0	0.2	0.2	0	0	0	0	0	0	0	0
8/1/2023 10:00	65901 SAKR_T2	0	0	0	0	0	0	-0.91	-0.74	1	1	0	900	900	0
8/1/2023 10:00	12604 MACA_T1	0	0	0	0	0	0	1.18	1.23	0	0	0	0	0	0
8/1/2023 10:00	28604 BLYT_T2	498	518	20	0.46	0.53	0.07	-0.41	-0.39	0	0	0	0	0	0
8/1/2023 10:00	64801 MONE_T2	0	0	0	0	0	0	0.86	0.87	0	0	0	0	0	0
8/1/2023 10:00	20403 ASHF_T2	3	2	-1	0.53	0.65	0.12	0	0	0	0	0	0	0	0
8/1/2023 10:00	15604 NSTR_T1	0	0	0	0	0	0	0.49	0.51	0	0	0	0	0	0
8/1/2023 10:00	56601 HAMP_T1	0	0	0	0	0	0	-0.34	-0.28	0	0	0	0	0	0
8/1/2023 10:00	58803 COCO_T1	2	2	0	1.1	1.5	0.4	0.39	0.65	0	0	0	0	0	0
8/1/2023 10:01	63402 HONY_T2	1	1	0	0.1	0.5	0.4	0	0	0	0	0	0	0	0
8/1/2023 10:02	41901 REED_T1	0	1	1	0	0.2	0.2	-2	-1.9	1	1	0	900	900	0
8/1/2023 10:07	66505 SMAN_T2	0	0	0	0	0	0	1.02	1.02	2	2	0	1500	1500	0
8/1/2023 10:09	15001 BLMO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8/1/2023 10:09	59101 WALK_T2	1	1	0	0	0	0	4.02	3.53	1	1	0	600	600	0
8/1/2023 10:11	28403 HART_T2	0	0	0	0	0	0	-1.11	-1.08	1	1	0	900	900	0
8/1/2023 10:13	26401 INOR_T1	1	2	1	0	0.1	0.1	0	0	0	0	0	0	0	0
8/1/2023 10:14	45003 LIME_2	1	1	0	2.4	2.1	-0.3	0	0	0	0	0	0	0	0
8/1/2023 10:16	40101 HUNT_T2	1	4	3	0.3	0	-0.3	-0.44	-0.48	0	0	0	0	0	0
8/1/2023 10:16	52403 GRPA_T2	1	0	-1	0.4	0	-0.4	0.44	0.46	0	0	0	0	0	0
8/1/2023 10:17	52502 PROG_T2	0	0	0	0	0	0	-0.94	-0.87	1	1	0	900	900	0
8/1/2023 10:20	67502 WEWI_T2	0	0	0	0	0	0	0.22	-1.77	0	0	0	0	0	0
8/1/2023 10:21	59101 WALK_T2	1	1	0	0	0	0	3.53	3.29	1	1	0	600	600	0
8/1/2023 10:22	66505 SMAN_T2	0	0	0	0	0	0	1.02	1.14	2	2	0	1500	1500	0
8/1/2023 10:22	44301 BEAV_T2	1	2	1	1.6	1.3	-0.3	1.94	1.07	2	2	0	1500	1500	0
8/1/2023 10:23	58803 COCO_T1	2	2	0	1.05	1.5	0.45	0.53	0.58	0	0	0	0	0	0
8/1/2023 10:25	20402 ASHF_T2	2	1	-1	0.25	0.2	-0.05	0	0	0	0	0	0	0	0
8/1/2023 10:29	59001 MIFF_T1	0	1	1	0	0.2	0.2	0	0	0	0	0	0	0	0
8/1/2023 10:30	17804 GILB_T2	1	1	0	0.4	0.3	-0.1	0	0	0	0	0	0	0	0
8/1/2023 10:37	44301 BEAV_T2	1	4	3	1.8	0.73	-1.07	1.07	1.01	2	2	0	1500	1500	0
8/1/2023 10:38	56802 BENV_T2	5	46	41	0.4	0.22	-0.18	-2.2	-2.13	0	0	0	0	0	0
8/1/2023 10:38	28602 BLYT_T2	39	8	-31	0.28	0.63	0.35	0	0	0	0	0	0	0	0
8/1/2023 10:40	61801 EELI_T2	1	1	0	0.2	0	-0.2	-0.72	-0.64	1	1	0	600	600	0
8/1/2023 10:40	53501 EVIL_T2	2	2	0	0.2	1.55	1.35	-2.01	-1.96	4	4	0	2700	2700	0
8/1/2023 10:44	59301 MCAL_T1	2	2	0	0.2	0.4	0.2	-3.13	-3.11	1	1	0	600	600	0
8/1/2023 10:48	59001 MIFF_T1	1	1	0	0.2	0.1	-0.1	0	0	0	0	0	0	0	0
8/1/2023 10:49	59102 WALK_T2	0	1	1	0	0.1	0.1	0	0	0	0	0	0	0	0
8/1/2023 10:51	15001 BLMO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8/1/2023 10:51	66501 SMAN_T2	0	1	1	0	0.1	0.1	0	0	0	0	0	0	0	0
8/1/2023 10:51	67503 WEWI_T2	0	1	1	0	0	0	0.12	0.14	0	0	0	0	0	0
8/1/2023 10:52	44301 BEAV_T2	2	6	4	1.3	0.73	-0.57	1.01	1.4	2	2	0	1500	1500	0
8/1/2023 10:56	60801 BUCK_T1	19	29	10	0.24	0.24	0	0	0	0	0	0	0	0	0
8/1/2023 10:58	53501 EVIL_T2	2	2	0	2.5	0.4	-2.1	-1.96	-1.96	4	4	0	2700	2700	0
8/1/2023 10:58	28403 HART_T2	0	0	0	0	0	0	-1.07	-1.01	1	1	0	900	900	0
8/1/2023 11:06	67503 WEWI_T2	0	1	1	0	1.3	1.3	0.14	0.15	0	0	0	0	0	0
8/1/2023 11:09	45901 AUBU_T1	0	0	0	0	0	0	2.67	2.47	0	0	0	0	0	0
8/1/2023 11:09	56802 BENV_T2	31	17	-14	0.23	0.36	0.13	-2.12	-2.13	0	0	0	0	0	0
8/1/2023 11:11	10805 CHHI_T2	1	1	0	9.2	9	-0.2	-1.74	-2.09	2	2	0	1800	1800	0
8/1/2023 11:19	52502 PROG_T2	0	0	0	0	0	0	-0.69	-0.64	1	1	0	900	900	0
8/1/2023 11:23	44301 BEAV_T2	4	8	4	0.73	0.53	-0.2	1.3	1.03	2	2	0	1500	1500	0
8/1/2023 11:25	56803 BENV_T1	1	2	1	0.1	0.15	0.05	0	0	0	0	0	0	0	0
8/1/2023 11:27	10805 CHHI_T2	1	1	0	9.1	9	-0.1	-2.09	-1.87	2	2	0	1800	1800	0
8/1/2023 11:29	53903 HAU_T2	3	5	2	0.37	0.74	0.37	0.02	0.08	0	0	0	0	0	0
8/1/2023 11:36	52502 PROG_T2	0	0	0	0	0	0	-0.62	-0.6	1	1	0	900	900	0
8/1/2023 11:37	56802 BENV_T2	16	16	0	0.34	0.35	0.01	-4.15	-3.91	0	0	0	0	0	0
8/1/2023 11:40	45902 AUBU_T1	0	0	0	0	0	0	-0.24	-0.28	1	1	0	600	600	0
8/1/2023 11:45	64802 MONE_T2	0	2	2	0	0.25	0.25	0.41	0.41	0	0	0	0	0	0
8/1/2023 11:48	52502 PROG_T2	0	0	0	0	0	0	-0.62	-0.6	1	1	0	900	900	0
8/1/2023 11:51	66703 STRA_T1	0	0	0	0	0	0	0.95	0.67	0	0	0	0	0	0
8/1/2023 11:51	42201 SHEN_T2	1	1	0	0.2	0.5	0.3	0.19	0.23	1	1	0	600	600	0
8/1/2023 11:56	56802 BENV_T2	16	9	-7	0.35	0.4	0.05	-1.96	-2.03	0	0	0	0	0	0
8/1/2023 11:56	56803 BENV_T1	2	2	0	0.7	0.2	-0.5	0	0	0	0	0	0	0	0
8/1/2023 11:57	11102 EGYP_T1	3	1	-2	0.87	0.4	-0.47	0	0	0	0	0	0	0	0
8/1/2023 11:58	45702 LIND_T2	1	1	0	1.2	1.2	0	-0.41	-0.47	0	0	0	0	0	0
8/1/2023 12:04	58402 MORO_T1	0	0	0	0	0	0	-1.37	-1.41	2	2	0	1500	1500	0
8/1/2023 12:15	59003 MIFF_T1	0	0	0	0	0	0	-2.14	-2.33	0	0	0	0	0	0
8/1/2023 12:19	58402 MORO_T1	0	0	0	0	0	0	-1.41	-1.4	2	2	0	1500	1500	0
8/1/2023 12:51	14403 SSLA_T1	0	0	0	0	0	0	2.82	2.84	0	0	0	0	0	0
8/1/2023 12:52	15001 BLMO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8/1/2023 12:54	65701 RVIL_T1	1	0	-1	0.3	0	-0.3	-0.41	-0.38	1	0	-1	900	0	-900
8/1/2023 13:02	60501 NMAN_T2	3	3	0	3.73	3.9	0.17	0	0	0	0	0	0	0	0
8/1/2023 13:05	48302 ORWI_T2	2	2	0	0.7	0.6	-0.1	0.37	0.43	0	0	0	0	0	0
8/1/2023 13:20	24901 WHHA_T1	1	2	1	0.2	0.55	0.35	2.02	1.91	0	0	0	0	0	0
8/1/2023 13:23	67204 TEHI_T2	0	0	0	0	0	0	-0.28	-0.26	0	0	0	0	0	0
8/1/2023 13:29	11104 EGYP_T1	6	7	1	1.9	1.7	-0.2	2.2	2.25	0	0	0	0	0	0
8/1/2023 13:43	40902 JESH_T1	0	0

8/1/2023 20:14	40101 HUNT_T2	1	0	-1	0.2	0	-0.2	-0.82	-0.89	0	0	0	0	0	0
8/1/2023 20:15	52403 GRPA_T2	0	1	1	0	0	0	0.58	0.51	0	0	0	0	0	0
8/1/2023 20:15	28403 HART_T2	0	0	0	0	0	0	-0.75	-0.77	1	1	0	900	900	0
8/1/2023 20:19	59101 WALK_T2	1	1	0	0	0	0	2.24	2.26	1	1	0	450	450	0
8/1/2023 20:21	66505 SMAN_T2	0	0	0	0	0	0	0.73	0.45	2	2	0	1500	1500	0
8/1/2023 20:24	26401 INOR_T1	8	9	1	0.16	0.2	0.04	0	0	0	0	0	0	0	0
8/1/2023 20:24	67502 WEWI_T2	0	0	0	0	0	0	-1.9	-1.85	1	1	0	900	900	0
8/1/2023 20:26	44301 BEAV_T2	0	0	0	0	0	0	0.14	0.1	1	1	0	600	600	0
8/1/2023 20:41	56802 BENV_T2	9	22	13	0.29	0.21	-0.08	-2.15	-0.83	0	0	0	0	0	0
8/1/2023 20:44	53501 EVIL_T2	1	1	0	0.4	0.3	-0.1	-1.86	-1.97	2	2	0	1200	1200	0
8/1/2023 20:56	60801 BUCK_T1	16	35	19	0.23	0.32	0.09	0	0	0	0	0	0	0	0
8/1/2023 20:58	53501 EVIL_T2	1	1	0	0.3	0.2	-0.1	-1.97	-2	2	2	0	1200	1200	0
8/1/2023 21:09	10805 CHHI_T2	1	3	2	9.2	9.3	0.1	-0.71	-0.93	1	1	0	600	600	0
8/1/2023 21:09	67503 WEWI_T2	0	0	0	0	0	0	0.33	0.3	0	0	0	0	0	0
8/1/2023 21:19	52502 PROG_T2	0	0	0	0	0	0	-0.56	-0.57	1	1	0	900	900	0
8/1/2023 21:25	10805 CHHI_T2	3	1	-2	3.2	9	5.8	-0.93	-0.78	1	1	0	600	600	0
8/1/2023 21:34	52502 PROG_T2	0	0	0	0	0	0	-0.57	-0.63	1	1	0	900	900	0
8/1/2023 21:38	56802 BENV_T2	135	254	119	0.29	0.41	0.12	-4.61	-4.54	0	0	0	0	0	0
8/1/2023 21:38	45902 AUBU_T1	0	0	0	0	0	0	-1.55	-1.63	1	1	0	600	600	0
8/1/2023 21:49	42203 SHEN_T2	0	1	1	0	0	0	0	0	0	0	0	0	0	0
8/1/2023 21:56	11104 EGYP_T1	0	0	0	0	0	0	0.84	0.83	0	0	0	0	0	0
8/1/2023 22:16	48302 ORWI_T2	2	2	0	1.46	0.95	-0.5	-0.08	-0.15	0	0	0	0	0	0
8/1/2023 22:18	29402 BELT_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8/1/2023 22:21	24902 WHHA_T1	0	1	1	0	0.1	0.1	0	0	0	0	0	0	0	0
8/1/2023 22:23	41602 CLEV_T1	0	0	0	0	0	0	0	0	1	1	0	600	600	0
8/1/2023 22:24	15001 BLMO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8/1/2023 22:24	60604 NCOL_T2	0	0	0	0	0	0	0.78	0.73	0	0	0	0	0	0
8/1/2023 22:25	44502 HAMI_T2	1	1	0	3.1	3.3	0.2	-1.61	-1.62	0	0	0	0	0	0
8/1/2023 22:25	11104 EGYP_T1	0	0	0	0	0	0	1.47	1.47	0	0	0	0	0	0
8/1/2023 22:27	16302 ALPA_T2	0	0	0	0	0	0	1.66	1.64	0	0	0	0	0	0
8/1/2023 22:29	47401 PENS_T1	0	0	0	0	0	0	-0.34	-0.18	0	0	0	0	0	0
8/1/2023 22:29	14403 SSLA_T1	0	0	0	0	0	0	1.78	1.71	0	0	0	0	0	0
8/1/2023 22:35	65401 MARI_T1	0	0	0	0	0	0	1.19	1.12	0	0	0	0	0	0
8/1/2023 22:36	65401 MARI_T1	0	0	0	0	0	0	1.19	1.12	0	0	0	0	0	0
8/2/2023 0:28	47402 PENS_T1	0	1	1	0	0.3	0.3	0	0	0	0	0	0	0	0
8/2/2023 0:28	67204 TEHI_T2	0	0	0	0	0	0	-0.51	-0.52	0	0	0	0	0	0
8/2/2023 0:28	40902 JESH_T1	0	0	0	0	0	0	-0.41	-0.39	1	1	0	600	600	0
8/2/2023 0:28	66504 SMAN_T2	0	0	0	0	0	0	-0.82	-1.19	0	0	0	0	0	0
8/2/2023 0:28	45501 DERR_T2	0	0	0	0	0	0	-0.84	-0.83	2	2	0	1800	1800	0
8/2/2023 0:28	28602 BLYT_T2	1	1	0	1.4	1.7	0.3	0	0	0	0	0	0	0	0
8/2/2023 0:28	56501 ROCK_T2	9	10	1	0.28	0.47	0.19	0	0	0	0	0	0	0	0
8/2/2023 0:28	56802 BENV_T2	1	1	0	0.2	0.6	0.4	-7.83	-7.82	0	0	0	0	0	0
8/2/2023 0:28	45702 LIND_T2	1	1	0	0.8	0.5	-0.3	-0.72	-0.76	0	0	0	0	0	0
8/2/2023 0:28	58402 MORO_T1	0	0	0	0	0	0	-1.97	-2	2	2	0	1500	1500	0
8/2/2023 0:28	58803 COCO_T1	2	2	0	1.15	1.15	0	-0.01	-0.03	0	0	0	0	0	0
8/2/2023 0:28	52502 PROG_T2	0	0	0	0	0	0	0.68	0.69	0	0	0	0	0	0
8/2/2023 0:28	25501 MADI_T1	0	0	0	0	0	0	0.57	0.57	0	0	0	0	0	0
8/2/2023 0:28	60101 COCA_T1	0	0	0	0	0	0	0.55	0.53	0	0	0	0	0	0
8/2/2023 0:28	66504 SMAN_T2	0	0	0	0	0	0	-0.82	-1.19	0	0	0	0	0	0
8/2/2023 0:28	53903 HALI_T2	2	2	0	0.7	1	0.3	-0.13	-0.14	0	0	0	0	0	0
8/2/2023 0:28	44301 BEAV_T2	0	0	0	0	0	0	2.64	-2.02	4	4	0	2400	2400	0
8/2/2023 0:28	42201 SHEN_T2	0	0	0	0	0	0	0.98	1	0	0	0	0	0	0
8/2/2023 0:28	41901 REED_T1	0	0	0	0	0	0	-2.94	-2.84	1	1	0	900	900	0
8/2/2023 0:28	46506 LOHA_T1	1	1	0	0.6	0.7	0.1	-0.71	-0.7	0	0	0	0	0	0
8/2/2023 0:28	56801 BENV_T1	13	24	11	0.58	0.6	0.02	-1.53	-1.59	1	1	0	600	600	0
8/2/2023 0:28	66703 STRA_T1	4	13	9	0.38	0.36	-0.02	-0.61	-0.65	0	0	0	0	0	0
8/2/2023 0:28	64802 MONE_T2	0	0	0	0	0	0	0.57	0.54	0	0	0	0	0	0
8/2/2023 0:28	57303 MOAL_T2	1	1	0	7.1	6.8	-0.3	0	0	0	0	0	0	0	0
8/2/2023 0:28	16402 MOPO_T1	0	0	0	0	0	0	1.33	1.31	0	0	0	0	0	0
8/2/2023 0:28	60803 BUCK_T1	0	1	1	0	0.1	0.1	-1.91	-1.92	1	1	0	600	600	0
8/2/2023 0:28	44802 EDAN_T2	0	0	0	0	0	0	-5.2	-5.21	1	1	0	1200	1200	0
8/2/2023 0:28	17805 GILB_T2	0	0	0	0	0	0	-0.26	-0.33	0	0	0	0	0	0
8/2/2023 0:28	60501 NMAN_T2	3	3	0	4.8	4.33	-0.47	0	0	0	0	0	0	0	0
8/2/2023 0:28	63403 HONY_T2	0	0	0	0	0	0	0.41	0.4	0	0	0	0	0	0
8/2/2023 0:28	28403 HART_T2	0	0	0	0	0	0	-1.14	-1.16	1	1	0	900	900	0
8/2/2023 0:28	67503 WEWI_T2	0	0	0	0	0	0	-0.61	-0.63	0	0	0	0	0	0
8/2/2023 0:28	45901 AUBU_T1	0	0	0	0	0	0	5.86	5.68	0	0	0	0	0	0
8/2/2023 0:28	62604 ENGL_T1	0	0	0	0	0	0	-0.34	-0.44	1	1	0	600	600	0
8/2/2023 0:28	52404 GRPA_T2	0	1	1	0	0.1	0.1	-1.38	-1.37	0	0	0	0	0	0
8/2/2023 0:28	55101 WERT_T1	0	0	0	0	0	0	-2.81	-2.87	2	2	0	1500	1500	0
8/2/2023 0:28	15001 BLMO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8/2/2023 0:28	46702 RENO_T1	0	1	1	0	0.1	0.1	-0.16	-0.2	0	0	0	0	0	0
8/2/2023 0:28	20403 ASHF_T2	0	0	0	0	0	0	0.12	0.09	0	0	0	0	0	0
8/2/2023 0:28	49804 UNIV_T1	1	1	0	0.6	0.8	0.2	0.99	0.95	0	0	0	0	0	0
8/2/2023 0:28	57602 RUTH_T2	0	0	0	0	0	0	0.34	0.33	0	0	0	0	0	0
8/2/2023 0:28	59101 WALK_T2	1	1	0	0	0	0	5.74	5.49	0	0	0	0	0	0
8/2/2023 0:32	14702 TREX_T2	0	0	0	0	0	0	1.53	1.21	0	0	0	0	0	0
8/2/2023 2:49	14703 TREX_T2	0	6	6	0	0.32	0.32	0	0	0	0	0	0	0	0
8/2/2023 4:55	58402 MORO_T1	0	0	0	0	0	0	-2.21	-2.13	2	2	0	1500	1500	0
8/2/2023 5:31	14702 TREX_T2	0	0	0	0	0	0	0.81	1.2	0	0	0	0	0	0
8/2/2023 5:47	14702 TREX_T2	0	0	0	0	0	0	1.2	1.16	0	0	0	0	0	0
8/2/2023 7:01	14702 TREX_T2	0	0	0	0	0	0	1.26	1.28	0	0	0	0	0	0
8/2/2023 7:12	14702 TREX_T2	0	0	0	0	0	0	1.28	1.02	0	0	0	0	0	0
8/2/2023 8:06	28601 BLYT_T2	253	862	609	0.29	0.73	0.44	0	0	0	0	0	0	0	0
8/2/2023 8:09	62605 ENGL_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8/2/2023 8:13	61505 EPET_T1	0	0	0	0	0	0	-2.26	-2.26	0	0	0	0	0	0
8/2/2023 8:14	65401 MARI_T1	0	0	0	0	0	0	0.83	0.89	0	0	0	0	0	0
8/2/2023 8:18	13704 SCHN_T2	0	0	0	0	0	0	-0.54	-0.32	0	0	0	0	0	0
8/2/2023 8:18	15202 SFAR_T1	0	0	0	0	0	0	0.03	0.14	0	0	0	0	0	0
8/2/2023 8:20	52502 PROG_T2	0	0	0	0	0	0	-1.32	-1.24	1	1	0	900	900	0
8/2/2023 8:26	54502 ENOL_T2	1	1	0	0.3	0.1	-0.2	-3.91	-3.83	1	1	0	600	600	0
8/2/2023 8:26	56802 BENV_T2	347	583	236	0.25	0.28	0.03	-2.61	-2.57	0	0	0	0	0	0
8/2/2023 8:28	62607 ENGL_T1	0	0	0	0	0	0	0	0	1	1	0	300	300	0
8/2/2023 8:34	60604 NCOL_T2	0	0	0	0	0	0	0.75	0.71	0	0	0	0	0	0
8/2/2023 8:40	53601 DALM_T2	1	1	0	0.9	1.1	0.2	-0.58	-0.59	1	1	0	900	900	0
8/2/2023 8:51	45901 AUBU_T1	0	0	0	0	0	0	1.19	1.11	0	0	0	0	0	0
8/2/2023 8:53	56802 BENV_T2	256	326	70	0.17	0.25	0.08	-2.6	-2.55	0	0	0	0	0	0
8/2/2023 8:57	50201 HARR_T3	1	1	0	0.1	0.1	0	0	0	0	0	0	0	0	0
8/2/2023 9:17	67703 WERN_T2	0	0	0	0	0	0	-1.46	-1.41	1	1	0	900	900	0
8/2/2023 9:20	59101 WALK_T2	1	1	0	0	0	0	4.23	3.22	0	0	0	0	0	0
8/2/2023 9:42	56802 BENV_T2	100	79	-21	0.23	0.23	0	-2.48	-2.49	0	0	0	0	0	0
8/2/2023 9:42	40101 HUNT_T2	0	0	0	0	0	0	-0.62	-0.11	0	0	0	0	0	0
8/2/2023 9:43	47901 HRDG_T1	0	0	0	0	0	0	1.33	1.55	1	1	0	1200	1200	0
8/2/2023 9:44	64702 LITI_T2	0	0	0	0	0	0	-0.66	-0.72	0	0	0	0	0	0
8/2/2023 9:45	42002 MNVL_T2	1	2	1	3.2	3.3	0.1	0	0	0	0	0	0	0	0
8/2/2023 9:45	59301 MCAL_T1	3	2	-1	0.43	0.4	-0.03	-3.27	-3.25	1	1	0	600	600	0
8/2/2023 9:48	43202 MVIL_T2	0	0	0	0	0	0	-1.17	-1.16	0	0	0	0	0	0
8/2/2023 9:49	48302 ORWI_T2	2	2	0	1.15	1.2	0.05	-0.03	-0.05	0	0	0	0	0	0
8/2/2023 9:53	15001 BLMO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8/2/2023 9:56	53501 EVIL_T2	1	0	-1	0.1	0	-0.1	-0.89	-0.64	3	3	0	1800	1800	0
8/2/2023 9:57	58803 COCO_T1	2	2	0	1.95	1.7	-0.25	0.4	0.48	0	0	0	0	0	0
8/2/2023 10:00	65901 SAKR_T2	0	0	0	0	0	0	-1.04	-0.95	1	1	0	900	900	0
8/2/2023 10:00	64801 MONE_T2	0	0	0	0	0	0	0.86	0.85	0	0	0	0	0	0
8/2/2023 10:00	56504 ROCK_T2	0	0	0	0	0	0	0.2	0.21	0	0	0	0	0	0
8/2/2023 10:00	67604 WARW_T1	0	0	0	0	0	0	0.32	0.35	0	0	0	0	0	0
8/2/2023 10:00	52503 PROG_T2	0	0	0	0	0	0	-0.96	-0.91	1	1	0	900	900	0
8/2/2023 10:00	56802 BENV_T2	18	17	-1	0.36	0.45	0.09	-2.49	-2.4	0	0	0	0	0	0
8/2/2023 10:00	66502 SMAN_T2	2	2	0	0.25	0.2	-0.05	0	0	0	0	0	0	0	0
8/2/2023 10:00	41902 REED_T1	0	1	1	0	0	0	0	0	0	0	0	0	0	0
8/2/2023 10:00	56601 HAMP_T1	0	0	0	0	0	0	-0.18	-0.11	0	0	0	0	0	0
8/2/2023 10:00	12604 MACA_T1	0	0	0	0	0	0	0.94	0.98	0	0	0	0	0	0
8/2/2023 10:00	10602 BLGL_T2	1	1	0	9.9	9.3	-0.6	2.35	2.86	0	0	0	0	0	0
8/2/2023 10:01	40902 JESH_T1	0	0	0	0	0	0	0.22	0.18	1	1	0	600	600	0
8/2/2023 10:01	47403 PENS_T1	1	1	0	1.9	2.3	0.4	0	0	0	0	0	0	0	0
8/2/2023 10:03	62605 ENGL_T1	0	0	0	0	0	0	-0.01	-0.01	0	0	0	0	0	0
8/2/2023 10:06	42701 AUGU_T1	1	1	0	0.5	0.3	-0.2	0	0	2	2	0	1800	1800	0
8/2/2023 10:07	20401 ASHF_T2	1	1	0	0.8	0.5	-0.3	0	0	0	0	0	0	0	0
8/2/2023 10:09	28601 BLYT_T2	679	875	196	0.49	0.76	0.27	0	0	0	0	0	0	0	0
8/2/2023 10:09	51603 DUKE_T1	44	5	-39	0.12	0.12	0	-1.89	-1.82	1	1	0	900	900	0
8/2/2023 10:11	56802 BENV_T2	18	17	-1	0.36	0.45	0.09	-2.4	-2.34	0	0	0	0	0	0
8/2/2023 10:11	42701 AUGU_T1	1	1	0	0.5	0.3	-0.2	0	0	2	2	0	1800	1800	0
8/2/2023 10:15	45003 LIME_2	2	1	-1	1.25	2	0.75	0	0	0	0	0	0	0	0
8/2/2023 10:16	28403 HART_T2	0	0	0	0	0	0	-1.24	-1.19	1	1	0	900	900	0
8/2/2023 10:21	52502 PROG_T2	2	2	0	0.25	0.2	-0.05	-0.89	-0.89	1	1	0	900	900	0
8/2/2023 10:22	66502 SMAN_T2	2	2	0	0.1	0.2	0.1	0	0	0	0	0	0	0	0
8/2/2023 10:22	15001 BLMO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8/2/2023 10:24	67502 WEWI_T2	0	0	0	0	0	0	0.06	-1.74	0	1	1	0	900	900
8/2/2023 10:25	56802 BENV_T2	14	30	16	0.4	0.33	-0.07	-2.34	-2.31	0	0	0	0	0	0
8/2/2023 10:26	45901 AUBU_T1	0	0	0	0	0	0	1.21	1.92	0	0	0	0	0	0
8/2/2023 10:28	61801 EELI_T2	0	0	0	0	0	0	0.31	0.4	0	0	0	0	0	0
8/2/2023 10:30	17805 GILB_T2	0	0	0	0	0	0	0.26	0.32	0	0	0	0	0	0
8/2/2023 10:35	59102 WALK_T2	1	1	0	0.2	0.5	0.3	0	0	0	0	0	0	0	0
8/2/2023 10:37	66701 STRA_T1	1	1	0	0.1	0.3	0.2	0	0	0	0	0	0	0	0
8/2/2023 10:38	28601 BLYT_T2	875	911	36	0.76	0.75	-0.01	0	0	0	0	0	0	0	0
8/2/2023 10:38	58803 COCO_T1	2	2	0	1.6	1.8	0.2	0.47	0.47	0	0	0	0	0	0
8/2/2023 10:39	56802 BENV_T2	15	29	14	0.47	0.33	-0.14	-4.63	-1.86	0	0	0	0	0	0
8/2/2023 10:40	53501 EVIL_T2	1	1	0	2.6	0.2	-2.4	-0.89	-0.99	3	3	0	1800	1800	0
8/2/2023 10:41	62604 ENGL_T1	0	0	0	0	0	0	-2.44	-2.37	1	1	0	600	600	0
8/2/2023 10:46	40101 HUNT_T2	1	1	0	0.5	0.1	-0.4	-0.33	-0.33	0	0	0	0	0	0
8/2/2023 10:47	15704 TANN_T1	0	1	1	0.63	0.2	0.2	-2	-1.92	0	0	0	0	0	0
8/2/2023 10:48	52502 PROG_T2	1	0	-1	0.2	0	-0.2	-0.89	-0.86	1	1	0	900	900	0
8/2/2023 10:52	42701 AUGU_T1	1	1	0	0.1	0.2	0.1	0	0	2	2	0	1800	1800	0
8/2/2023 10:52	45902 AUBU_T1	0	0	0	0	0	0	-0.15	-0.29	1	1	0	600	600	0
8/2/2023 10:52	28601 BLYT_T2	910	816	-94	0.75	0.75	0	0	0	0	0	0	0	0	0
8/2/2023 10:54	67503 WEWI_T2	0	0	0	0	0	0	0.1	0.11	0	0	0	0	0	0
8/2/2023 10:54	24901 WHHA_T1	3	2	-1	0.23	0.4	0.17	1.6	1.71	0	0	0	0	0	0
8/2/2023 10:56	53501 EVIL_T2	1	0	-1	0.2	0	-0.2	-0.99	-0.71	3	3	0	1800	1800	0
8/2/2023 10:57	15001 BLMO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8/2/2023 10:58	28403 HART_T2	0	0	0	0	0	0	-1.17	-1.18	1	1	0	900	900	0
8/2/2023 11:01	52004 LING_T2	2	1	-1	0.35	0.3	-0.05	0.86	0.89	0	0	0	0	0	0
8/2/2023 11:01	57303 MOAL_T2	1	1	0	6.8	6.9	0.1	0	0	0	0	0	0	0	0
8/2/2023 11:02	52401 GRPA_T2	0	1	1	0	0	0	0	0	0	0	0	0	0	0
8/2/2023 11:05	58402 MORO_T1	0	0	0	0	0	0	-1.28	-1.34	2	2	0	1500	1500	0
8/2/2023 11:08	60803 BUCK_T1	0	0	0	0	0	0	-2.5	-2.51	1	1	0	600	600	0
8/2/2023 11:09	67503 WEWI_T2	0	0	0	0	0	0	0.11	0.14	0	0	0	0	0	0
8/2/2023 11:09	10805 CHHI_T2	1	1	0	9.2	9.1	-0.1	-1.68	-1.94	2	2	0	1800	1800	0
8/2/2023 11:13	13903 SEID_T1	1	0	-1	0.2	0	-0.2	0	0	1	1	0	600	600	0
8/2/2023 11:14	45702 LIND_T2	0	2	2	0	0.75	0.75	-0.44	-0.62	0	0	0	0	0	0
8/2/2023 11:17	46702 RENO_T1	0	0	0	0	0	0	-0.04	0.03	0	0	0	0	0	0
8/2/2023 11:22	67502 WEWI_T2	2	3	1	0.2	0.4	0.2	0	0	0	0	0	0	0	0
8/2/2023 11:22	56803 BENV_T1	0	1	1	0	0.1	0.1	0	0	0	0	0	0	0	0
8/2/2023 11:23	26001 WDAM_T1	1	2	1	0.7	0.4	-0.3	-1.97	-1.95	0	0	0	0	0	0
8/2/2023 11:23	59101 WALK_T2	1	1	0	0	0	0	3.85	3.88	0	0	0	0	0	0
8/2/2023 11:23	45902 AUBU_T1	0	0	0	0	0	0	-0.07	-0.28	1	1	0	600	600	0
8/2/2023 11:24	24901 WHHA_T1	1	2	1	0.6	0.6	0	1.64	1.64	0	0	0	0	0	0
8/2/2023 11:25	60803 BUCK_T1	0	0	0	0	0	0	-2.51	-2.41	1	1	0	600	600	0
8/2/2023 11:25	15001 BLMO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8/2/2023 11:26	10805 CHHI_T2	1	2	1	9.3	9.1	-0.2	-1.94	-1.58	2	2	0	1800	1800	0
8/2/2023 11:27	62602 ENGL_T1

Appendix C - Grid Benefits Achieved in Each Instance of Active Management

8/2/2023 14:53	56802 BENV_T2	3	4	1	0.33	0.43	0.1	-1.85	-1.81	0	0	0	0	0	0
8/2/2023 14:58	52402 GRPA_T2	1	3	2	2	0.9	-1.1	0	0	0	0	0	0	0	0
8/2/2023 15:21	59201 THOM_T1	1	1	0	0.1	0.2	0.1	0	0	0	0	0	0	0	0
8/2/2023 15:22	27502 WEIS_T2	0	0	0	0	0	0	-0.32	-0.34	0	0	0	0	0	0
8/2/2023 15:29	44505 HAMI_T2	1	0	-1	0.1	0	-0.1	0	0	0	0	0	0	0	0
8/2/2023 15:29	11102 EGYP_T1	2	1	-1	0.2	0.2	0	0	0	0	0	0	0	0	0
8/2/2023 15:31	45802 HEGI_T2	0	0	0	0	0	0	0.68	0.17	2	2	0	1200	1200	0
8/2/2023 15:35	66505 SMAN_T2	2	2	0	0.2	0.1	-0.1	0	0	0	0	0	0	0	0
8/2/2023 15:58	47001 HUGH_T2	0	0	0	0	0	0	-0.32	-0.29	0	0	0	0	0	0
8/2/2023 16:04	57304 MOAL_T2	0	0	0	0	0	0	0.28	0.37	0	0	0	0	0	0
8/2/2023 16:19	40602 PGR_T1	0	0	0	0	0	0	-0.81	-2	1	1	0	600	600	0
8/2/2023 16:20	65902 SAKR_T2	0	0	0	0	0	0	-1.27	-1.37	2	2	0	1200	1200	0
8/2/2023 16:20	45901 AUBU_T1	0	0	0	0	0	0	1.53	1.69	0	0	0	0	0	0
8/2/2023 16:23	53101 WTWN_T1	0	3	3	0	0.27	0.27	0	0	0	0	0	0	0	0
8/2/2023 17:32	65401 MARI_T1	8	8	0	0.94	0.63	-0.31	-0.31	-0.31	0	0	0	0	0	0
8/2/2023 20:05	41903 REED_T1	0	1	1	0	0	0	0	0	0	0	0	0	0	0
8/2/2023 20:06	20403 ASHF_T2	0	0	0	0	0	0	1.19	1.14	0	0	0	0	0	0
8/2/2023 20:08	42701 AUGU_T1	0	0	0	0	0	0	0	0	2	2	0	1800	1800	0
8/2/2023 20:11	51603 DUKE_T1	0	0	0	0	0	0	-0.74	-0.73	1	1	0	900	900	0
8/2/2023 20:13	45003 LIME_2	2	3	1	2.2	2.25	0.05	0	0	1	1	0	1200	1200	0
8/2/2023 20:16	28403 HART_T2	0	0	0	0	0	0	-0.93	-0.93	1	1	0	900	900	0
8/2/2023 20:18	52502 PROG_T2	0	0	0	0	0	0	-0.27	-0.27	1	1	0	900	900	0
8/2/2023 20:21	67502 WEWI_T2	0	0	0	0	0	0	-1.98	-2.06	1	1	0	900	900	0
8/2/2023 20:25	61801 EEU_T2	0	0	0	0	0	0	-0.93	-0.93	1	1	0	600	600	0
8/2/2023 20:25	56802 BENV_T2	4	6	2	0.35	0.25	-0.1	-1.98	-2.01	0	0	0	0	0	0
8/2/2023 20:37	56802 BENV_T2	5	5	0	0.28	0.32	0.04	-4.02	-4.1	0	0	0	0	0	0
8/2/2023 20:38	66703 STRA_T1	4	6	2	0.38	0.27	-0.11	0.11	0.08	0	0	0	0	0	0
8/2/2023 20:43	53503 EVIL_T2	0	0	0	0	0	0	-1.73	-1.73	2	2	0	1200	1200	0
8/2/2023 20:51	52502 PROG_T2	0	0	0	0	0	0	-0.38	-0.45	1	1	0	900	900	0
8/2/2023 20:52	42701 AUGU_T1	0	0	0	0	0	0	0	0	2	2	0	1800	1800	0
8/2/2023 20:53	45902 AUBU_T1	0	1	1	0	0	0	-1.13	-1.25	1	1	0	600	600	0
8/2/2023 20:53	15001 BLMO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8/2/2023 21:06	67503 WEWI_T2	0	0	0	0	0	0	0.36	0.3	0	0	0	0	0	0
8/2/2023 21:09	10805 CHHI_T2	2	8	6	4.6	8.5	3.9	-1.08	-1.21	1	1	0	600	600	0
8/2/2023 21:14	13903 SEID_T1	0	0	0	0	0	0	0	0	1	1	0	600	600	0
8/2/2023 21:22	56801 BENV_T1	18	22	4	0.68	1.24	0.56	-0.94	-0.99	1	1	0	600	600	0
8/2/2023 21:23	10805 CHHI_T2	8	1	-7	1.4	8.5	7.1	-1.21	-0.96	1	1	0	600	600	0
8/2/2023 21:23	67503 WEWI_T2	0	0	0	0	0	0	0.3	0.29	0	0	0	0	0	0
8/2/2023 21:23	45902 AUBU_T1	1	0	-1	0.2	0	-0.2	-1.34	-1.31	1	1	0	600	600	0
8/2/2023 21:38	60101 COCA_T1	0	0	0	0	0	0	1.23	1.15	0	0	0	0	0	0
8/2/2023 21:40	29402 BELT_T1	38	0	-38	0.27	0	-0.27	0	0	0	0	0	0	0	0
8/2/2023 21:41	24901 WHHA_T1	0	0	0	0	0	0	1.66	1.67	0	0	0	0	0	0
8/2/2023 21:56	29402 BELT_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8/2/2023 22:06	16301 ALPA_T1	83	2	-81	0.14	0.3	0.16	-2.72	-2.72	0	0	0	0	0	0
8/2/2023 22:10	26402 INOR_T1	0	0	0	0	0	0	-0.66	-0.7	0	0	0	0	0	0
8/2/2023 22:11	27502 WEIS_T2	0	0	0	0	0	0	-1.05	-1.15	0	0	0	0	0	0
8/2/2023 22:16	41801 GOCI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8/2/2023 22:17	44201 POIN_T1	37	29	-8	0.43	0.28	-0.15	-2.53	-2.53	2	2	0	2100	2100	0
8/2/2023 22:22	29401 BELT_T1	0	0	0	0	0	0	0	0	1	1	0	900	900	0
8/2/2023 22:23	11104 EGYP_T1	0	0	0	0	0	0	0.75	0.72	0	0	0	0	0	0
8/2/2023 22:23	44502 HAMI_T2	1	1	0	2.5	2.8	0.3	-1.4	-1.46	0	0	0	0	0	0
8/2/2023 22:31	65401 MARI_T1	0	0	0	0	0	0	0.03	0.01	0	0	0	0	0	0
8/3/2023 0:28	40602 PGR_T1	1	0	-1	0.2	0	-0.2	-1.34	-1.31	1	1	0	600	600	0
8/3/2023 0:28	65603 QVIL_T2	1	1	0	6.3	6.2	-0.1	0	0	0	0	0	0	0	0
8/3/2023 0:28	28604 BLYT_T2	484	864	380	0.39	0.92	0.53	-0.51	-0.52	0	0	0	0	0	0
8/3/2023 0:28	52401 GRPA_T2	0	1	1	0	0.4	0.4	0	0	0	0	0	0	0	0
8/3/2023 0:28	62604 ENGL_T1	0	0	0	1	0	0	-0.26	-0.33	1	1	0	600	600	0
8/3/2023 0:28	42902 MIDD_T2	1	5	4	0.1	0.16	0.06	-1.98	-2.02	1	1	0	600	600	0
8/3/2023 0:28	53501 EVIL_T2	7	14	7	0.16	0.21	0.05	-1.9	-1.84	1	1	0	600	600	0
8/3/2023 0:28	40101 HUNT_T2	0	0	0	0	0	0	-0.99	-1	0	0	0	0	0	0
8/3/2023 0:28	11104 EGYP_T1	0	0	0	0	0	0	1.14	1.11	0	0	0	0	0	0
8/3/2023 0:28	56802 BENV_T2	0	1	1	0	0.5	0.5	-9.97	-9.92	0	0	0	0	0	0
8/3/2023 0:28	58803 COCO_T1	2	2	0	2.65	3.15	0.5	-2.39	-2.42	0	0	0	0	0	0
8/3/2023 0:28	52404 GRPA_T2	0	1	1	0	0.5	0.5	-1.2	-1.18	0	0	0	0	0	0
8/3/2023 0:28	14403 SSLA_T1	0	0	0	0	0	0	3.28	3.18	0	0	0	0	0	0
8/3/2023 0:28	49804 UNIV_T1	2	2	0	0.6	0.7	0.1	1.05	1.01	0	0	0	0	0	0
8/3/2023 0:28	57303 MOAL_T2	1	1	0	7.6	7.5	-0.1	0	0	0	0	0	0	0	0
8/3/2023 0:28	46702 RENO_T1	0	0	0	0	0	0	-0.17	-0.16	0	0	0	0	0	0
8/3/2023 0:28	60803 BUCK_T1	0	0	0	0	0	0	-3.7	-3.73	2	2	0	1200	1200	0
8/3/2023 0:28	15703 TANN_T1	1	1	0	4.5	4.5	0	0	0	0	0	0	0	0	0
8/3/2023 0:28	53101 WTWN_T1	4	4	0	0.95	1.43	0.48	0	0	0	0	0	0	0	0
8/3/2023 0:28	66504 SMAN_T2	0	0	0	0	0	0	-1.16	-0.97	0	0	0	0	0	0
8/3/2023 0:28	17805 GILB_T2	0	0	0	0	0	0	0.33	0.32	0	0	0	0	0	0
8/3/2023 0:28	56501 ROCK_T2	0	2	2	0	0.6	0.6	0	0	0	0	0	0	0	0
8/3/2023 0:28	45702 LIND_T2	0	1	1	0	0.1	0.1	-0.7	-0.74	0	0	0	0	0	0
8/3/2023 0:28	56801 BENV_T1	1	29	28	0.2	0.53	0.33	-7.37	-7.52	5	5	0	3000	3000	0
8/3/2023 0:28	42701 AUGU_T1	0	1	1	0	0.1	0.1	0	0	2	2	0	1800	1800	0
8/3/2023 0:28	52004 LING_T2	0	0	0	0	0	0	0.29	0.28	0	0	0	0	0	0
8/3/2023 0:28	63402 HONY_T2	1	1	0	1.2	1.4	0.2	0	0	0	0	0	0	0	0
8/3/2023 0:28	13503 MCMI_T2	0	0	0	0	0	0	0	-0.01	0	0	0	0	0	0
8/3/2023 0:28	29402 BELT_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8/3/2023 0:28	65903 SAKR_T2	0	2	2	0	0.45	0.45	0	0	0	0	0	0	0	0
8/3/2023 0:28	58402 MORO_T1	0	0	0	0	0	0	-3.66	-3.69	4	4	0	3000	3000	0
8/3/2023 0:28	66504 SMAN_T2	0	0	0	0	0	0	-1.16	-0.97	0	0	0	0	0	0
8/3/2023 0:28	15001 BLMO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8/3/2023 0:28	45802 HEGI_T2	0	0	0	0	0	0	-0.51	-0.29	1	1	0	900	900	0
8/3/2023 0:28	26002 WOAM_T1	2	13	11	1.2	0.39	-0.81	0	0	0	0	0	0	0	0
8/3/2023 0:28	67503 WEWI_T2	0	0	0	0	0	0	-0.33	-0.54	0	0	0	0	0	0
8/3/2023 0:28	59003 MIFF_T1	0	1	1	0	0.3	0.3	-1.22	-0.99	0	0	0	0	0	0
8/3/2023 0:28	47802 MOCA_T2	0	0	0	0	0	0	-1.9	-1.88	0	0	0	0	0	0
8/3/2023 0:28	48302 ORWI_T2	2	2	0	1.25	1.25	0	-0.37	-0.37	0	0	0	0	0	0
8/3/2023 0:28	59101 WALK_T2	1	1	0	0	0	0	9.16	8.85	0	0	0	0	0	0
8/3/2023 0:28	47001 HUGH_T2	0	0	0	0	0	0	-1.42	-1.4	0	0	0	0	0	0
8/3/2023 0:28	28403 HART_T2	0	0	0	0	0	0	-1.2	-1.21	1	1	0	900	900	0
8/3/2023 0:28	42201 SHEN_T2	0	0	0	0	0	0	1.05	1.05	0	0	0	0	0	0
8/3/2023 0:28	59202 THOM_T1	0	20	20	0	0.18	0.18	0	0	0	0	0	0	0	0
8/3/2023 8:11	61505 EPET_T1	0	0	0	0	0	0	-2.17	-2.07	0	0	0	0	0	0
8/3/2023 8:13	50105 HARR_T3	6	6	0	6.43	6.27	-0.16	0	0	0	0	0	0	0	0
8/3/2023 8:17	15202 SFAR_T1	0	0	0	0	0	0	-0.42	-0.38	0	0	0	0	0	0
8/3/2023 8:19	58402 MORO_T1	0	0	0	0	0	0	-3.46	-3.46	3	3	0	2400	2400	0
8/3/2023 8:21	13704 SCHN_T2	0	0	0	0	0	0	-0.55	-0.54	0	0	0	0	0	0
8/3/2023 8:26	45901 AUBU_T1	0	0	0	0	0	0	1.11	1.03	0	0	0	0	0	0
8/3/2023 8:27	54505 ENOL_T2	1	1	0	1.1	1	-0.1	0	0	0	0	0	0	0	0
8/3/2023 8:30	58402 MORO_T1	0	0	0	0	0	0	-3.45	-3.44	3	3	0	2400	2400	0
8/3/2023 8:38	53601 DALM_T2	1	1	0	0.7	0.3	-0.4	-0.48	-0.51	1	1	0	900	900	0
8/3/2023 9:18	13503 MCMI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8/3/2023 9:24	56802 BENV_T2	1	197	196	1.3	0.3	-1	-2.39	-2.39	0	0	0	0	0	0
8/3/2023 9:26	28601 BLYT_T2	727	844	117	0.6	0.7	0.1	0	0	0	0	0	0	0	0
8/3/2023 9:30	43202 MVIL_T2	0	0	0	0	0	0	-1.14	-1.09	0	0	0	0	0	0
8/3/2023 9:33	42002 MNVL_T2	1	1	0	3.1	3.3	0.2	0	0	0	0	0	0	0	0
8/3/2023 9:34	67204 TEHI_T2	0	0	0	0	0	0	-0.67	-0.67	0	0	0	0	0	0
8/3/2023 9:38	56802 BENV_T2	105	241	136	0.21	0.27	0.06	-2.39	-2.36	0	0	0	0	0	0
8/3/2023 9:43	40101 HUNT_T2	1	2	1	0.6	0.1	-0.5	-0.28	-0.3	0	0	0	0	0	0
8/3/2023 9:43	48302 ORWI_T2	2	2	0	1.25	1.2	-0.05	-0.05	-0.02	0	0	0	0	0	0
8/3/2023 9:51	20403 ASHF_T2	0	0	0	0	0	0	0	1.55	0	0	0	0	0	0
8/3/2023 9:52	56802 BENV_T2	197	136	-61	0.3	0.2	-0.1	-2.36	-2.25	0	0	0	0	0	0
8/3/2023 9:55	15001 BLMO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8/3/2023 9:56	45902 AUBU_T1	0	0	0	0	0	0	-0.28	-0.12	1	1	0	600	600	0
8/3/2023 9:59	53501 EVIL_T2	1	1	0	0.2	0.1	-0.1	-1.26	-0.83	3	3	0	1800	1800	0
8/3/2023 10:00	20401 ASHF_T2	0	0	0	0	0	0	0	-0.02	1	1	0	600	600	0
8/3/2023 10:00	52503 PROG_T2	0	2	2	0	0	0	-1.09	-1.08	1	1	0	900	900	0
8/3/2023 10:00	56601 HAMP_T1	0	0	0	0	0	0	-0.09	-0.12	0	0	0	0	0	0
8/3/2023 10:00	67604 WARW_T1	0	0	0	0	0	0	1.63	1.67	0	0	0	0	0	0
8/3/2023 10:00	41901 REED_T1	0	1	1	0	0.2	0.2	-1.85	-1.88	1	1	0	900	900	0
8/3/2023 10:00	10602 BLGL_T2	1	2	1	9	8.8	-0.2	3.52	3.34	0	0	0	0	0	0
8/3/2023 10:00	65901 SAKR_T2	0	0	0	0	0	0	-1.22	-0.94	1	1	0	900	900	0
8/3/2023 10:00	16402 MOPO_T1	0	0	0	0	0	0	1.75	1.73	0	0	0	0	0	0
8/3/2023 10:00	64801 MONE_T2	1	0	-1	0.3	0	-0.3	0.94	0.95	0	0	0	0	0	0
8/3/2023 10:00	12604 MACA_T1	0	0	0	0	0	0	1.07	1.07	0	0	0	0	0	0
8/3/2023 10:05	12701 MACU_T1	0	0	0	0	0	0	0.51	0.51	0	0	0	0	0	0
8/3/2023 10:07	59101 WALK_T2	1	3	2	0	0.5	0.5	3.81	3.94	1	1	0	600	600	0
8/3/2023 10:09	58803 COCO_T1	2	2	0	1.75	1.7	-0.05	0.35	0.36	0	0	0	0	0	0
8/3/2023 10:10	44802 EDAN_T2	0	0	0	0	0	0	-3.92	-3.82	1	1	0	1200	1200	0
8/3/2023 10:11	51603 DUKE_T1	0	0	0	0	0	0	-1.8	-1.74	1	1	0	900	900	0
8/3/2023 10:12	40101 HUNT_T2	1	1	0	0.1	0	-0.1	-0.32	-0.27	0	0	0	0	0	0
8/3/2023 10:13	59301 MCAL_T1	2	2	0	0.7	0.6	-0.1	-3.4	-3.37	1	1	0	600	600	0
8/3/2023 10:16	28403 HART_T2	0	0	0	0	0	0	-1.1	-1.11	1	1	0	900	900	0
8/3/2023 10:18	47401 PENS_T1	0	0	0	0	0	0	0.26	0.4	0	0	0	0	0	0
8/3/2023 10:19	57303 MOAL_T2	1	1	0	7	7.1	0.1	0	0	0	0	0	0	0	0
8/3/2023 10:20	46701 RENO_T1	1	40	39	0.1	0.17	0.07	0	0	0	0	0	0	0	0
8/3/2023 10:21	42201 SHEN_T2	0	0	0	0	0	0	0.13	0.16	1	1	0	600	600	0
8/3/2023 10:22	45901 AUBU_T1	0	0	0	0	0	0	1.32	1.26	0	0	0	0	0	0
8/3/2023 10:23	15001 BLMO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8/3/2023 10:23	66505 SMAN_T2	0	0	0	0	0	0	1.77	1.51	2	2	0	1500	1500	0
8/3/2023 10:26	17804 GILB_T2	0	1	1	0	0.5	0.5	0	0	0	0	0	0	0	0
8/3/2023 10:27	45702 LIND_T2	1	1	0	0.1	0.3	0.2	-0.47	-0.22	0	0	0	0	0	0
8/3/2023 10:28	24105 EHAZ_T1	4	4	0	6.4	6.53	0.13	0	0	0	0	0	0	0	0
8/3/2023 10:32	52402 GRPA_T2	2	3	1	1.55	1.1	-0.45	0	0	0	0	0	0	0	0
8/3/2023 10:34	57303 MOAL_T2	1	1	0	7.1	7.1	0	0	0	0	0	0	0	0	0
8/3/2023 10:34	47401 PENS_T1	0	0	0	0	0	0	0.56	0.75	0	0	0	0	0	0
8/3/2023 10:35	64101 REFR_T1	1	1	0	0	0	0	0.37	0.44	0	0	0	0	0	0
8/3/2023 10:36	15001 BLMO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8/3/2023 10:37	42201 SHEN_T2	0	1	1	0	0.2	0.2	0.16	0.17	1	1	0	600	600	0
8/3/2023 10:37	16302 ALPA_T2	0	0	0	0	0	0	-0.42	-0.38	0	0	0	0	0	0
8/3/2023 10:38	59101 WALK_T2	3	2	-1	0.5	0.4	-0.1	3.79	3.33	1	1	0	600	600	0
8/3/2023 10:39	44802 EDAN_T2	0	0	0	0	0	0	-3.77	-3.78	1	1	0	1200	1200	0
8/3/2023 10:40	28602 BLYT_T2	55	50	-5	0.39	0.3	-0.09	0	0	0	0	0	0	0	0
8/3/2023 10:40	42701 AUGU_T1	0	0	0	0	0	0	0	0	2	2	0	1800	1800	0
8/3/2023 10:40	56802 BENV_T2	15	8	-7	0.24	0.33	0.09	-4.42	-4.29	0	0	0	0	0	0
8/3/2023 10:42	15001 BLMO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8/3/2023 10:43	53502 EVIL_T2	1	0	-1	0.6	0	-0.6	0	0	0	0	0	0	0	0
8/3/2023 10:52	67502 WEWI_T2	0	0	0	0	0	0	-1.66	-1.56	1	1	0	900	900	0
8/3/2023 10:54	43304 WATS_T2	0	0	0	0	0	0	-0.82	-0.83	0	0	0	0	0	0
8/3/2023 10:59	53501 EVIL_T2	1	1	0	0.4	0.4	0	-1.85	-1.58	3	3	0	1800	1800	0
8/3/2023 11:00	28403 HART_T2	0	0	0	0	0	0	-1.07	-0.97	1	1	0	900	900	0
8/3/2023 11:02	52404 GRPA_T2	0	0	0	0	0	0	1.95	2.07	0	0	0	0	0	0
8/3/2023 11:03	47401 PENS_T1	0	1	1	0	0	0	0.81	0.61	0	0	0	0	0	0
8/3/2023 11:04	66703 STRA_T1	0	0	0	0	0	0	0.68	0.74	0	0	0	0	0	0
8/3/2023 11:06	55101 WERT_T1	0	0	0	0	0	0	-3.59	-3.6	4	4	0	3300	3300	0
8/3/2023 11:06	64101 REFR_T1	1	1	0	0	0	0	0.48	0.51	0	0	0	0	0	0
8/3/2023 11:07	60801 BUCK_T1	1	38	37	0.3	0.32	0.02	0	0	0	0	0	0	0	0
8/3/2023 11:09	10805 CHHI_T2	1	1	0	8.8	8.8	0	-1.92	-1.92	2	2	0	1800	1800	0
8/3/2023 11:10	28601 BLYT_T2	634	715	81	0.47	0.54	0.07	0	0	0	0	0	0	0	0
8/3/2023 11:13	62602 ENGL_T1	1	0	-1	1.1	0	-1.1	0	0	0	0	0	0	0	0
8/3/2023 11:18	47401 PENS_T1	0	2	2	0	0	0	0.61	0.57	0	0	0	0	0	0
8/3/2023 11:22	45602 WOOL_T1	0	0	0	0	0	0	1.54	1.56	0	0	0	0	0	0
8/3/2023 11:22	56802 BENV_T2	2	6	4	0.55	0.32	-0.23	-2.07	-2.03	0	0	0	0	0	0
8/3/2023 11:22	24902 WHHA_T1	2	3	1	0.2	0.3	0.1	0	0	0	0	0	0	0	0
8/3/2023 11:22	67502 WEWI_T2	0	3	3	0	0.43	0.43	0	0	0	0	0	0

8/3/2023 14:36	25801 SUTR_T2	0	0	0	0	0	0	0.59	0.58	0	0	0	0	0	0
8/3/2023 14:38	56802 BENV_T2	1	1	0	0.7	0.4	-0.3	-1.78	-1.69	0	0	0	0	0	0
8/3/2023 14:38	29402 BELT_T1	32	40	8	0.28	0.34	0.06	0	0	0	0	0	0	0	0
8/3/2023 14:39	59101 WALK_T2	2	8	6	1	0.64	-0.36	2.95	2.8	2	2	0	1200	1200	0
8/3/2023 14:47	65604 QVIL_T2	0	0	0	0	0	0	1.82	1.85	0	0	0	0	0	0
8/3/2023 14:50	56504 ROCK_T2	0	0	0	0	0	0	0.69	0.72	0	0	0	0	0	0
8/3/2023 14:52	15703 TANN_T2	2	2	0	7	7	0	0	0	0	0	0	0	0	0
8/3/2023 14:52	55101 WERT_T1	0	0	0	0	0	0	-3.44	-3.65	4	4	0	3300	3300	0
8/3/2023 15:02	64702 LITI_T2	0	0	0	0	0	0	0.05	0.2	0	0	0	0	0	0
8/3/2023 15:04	44203 POIN_T2	3	0	-3	0.17	0	-0.17	1.18	1	2	2	0	2100	2100	0
8/3/2023 15:19	46703 RENO_T1	15	84	69	0.14	0.21	0.07	0	0	0	0	0	0	0	0
8/3/2023 15:23	41602 CLEV_T1	0	1	1	0	0	0	0	0	1	1	0	600	600	0
8/3/2023 15:26	62605 ENGL_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8/3/2023 15:41	49804 UNIV_T1	0	0	0	0	0	0	3.71	3.78	0	0	0	0	0	0
8/3/2023 15:46	42901 MIDD_T2	4	1	-3	0.48	0	-0.48	0	0	0	0	0	0	0	0
8/3/2023 15:49	67204 TEHI_T2	0	0	0	0	0	0	0	-0.04	0	0	0	0	0	0
8/3/2023 15:55	46001 BERW_T1	0	0	0	0	0	0	0.52	0.52	0	0	0	0	0	0
8/3/2023 15:57	62605 ENGL_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8/3/2023 16:03	65902 SAKR_T2	0	0	0	0	0	0	-1.3	-1.32	2	2	0	1200	1200	0
8/3/2023 16:29	52402 GRPA_T2	1	1	0	1.9	1.3	-0.6	0	0	0	0	0	0	0	0
8/3/2023 16:35	65503 MOJO_T2	0	0	0	0	0	0	0.1	-0.04	1	1	0	900	900	0
8/3/2023 16:58	52403 GRPA_T2	3	1	-2	0.87	0	-0.87	-0.49	-0.33	0	0	0	0	0	0
8/3/2023 17:11	62607 ENGL_T1	0	0	0	0	0	0	0.02	0.02	1	1	0	300	300	0
8/3/2023 17:14	65401 MARI_T1	9	9	0	1.59	1.29	-0.3	0.65	0.63	0	0	0	0	0	0
8/3/2023 17:17	63804 HEMP_T1	1	1	0	6.1	6.1	0	0	0	0	0	0	0	0	0
8/3/2023 17:18	60604 NCOL_T2	0	0	0	0	0	0	0.8	0.78	0	0	0	0	0	0
8/3/2023 17:31	63804 HEMP_T1	1	1	0	6.1	6.2	0.1	0	0	0	0	0	0	0	0
8/3/2023 17:41	61801 EEU_T2	0	2	2	0	0	0	-0.93	-0.99	1	1	0	600	600	0
8/3/2023 17:43	51906 COPA_T1	0	0	0	0	0	0	-2.53	-2.55	2	2	0	1500	1500	0
8/3/2023 17:57	51604 DUKE_T2	0	0	0	0	0	0	-2.41	-2.43	1	1	0	900	900	0
8/3/2023 19:15	44801 EDAN_T2	1	1	0	0.8	0.7	-0.1	1.67	1.67	0	0	0	0	0	0
8/3/2023 20:04	41901 REED_T1	11	11	0	0.93	0.93	0	-2.24	-2.34	1	1	0	900	900	0
8/3/2023 20:13	58803 COCO_T1	2	2	0	2.45	2.55	0.1	-1.29	-1.31	0	0	0	0	0	0
8/3/2023 20:14	28403 HART_T2	0	0	0	0	0	0	-0.88	-0.92	1	1	0	900	900	0
8/3/2023 20:20	42201 SHEN_T2	0	0	0	0	0	0	0.04	0.02	1	1	0	600	600	0
8/3/2023 20:26	45901 AUBU_T1	0	0	0	0	0	0	3.09	3.14	0	0	0	0	0	0
8/3/2023 20:27	17805 GILB_T2	0	0	0	0	0	0	0.5	0.46	0	0	0	0	0	0
8/3/2023 20:32	47401 PENS_T1	65	33	-32	0.56	0.56	0	0.56	0.46	0	0	0	0	0	0
8/3/2023 20:33	64101 REFR_T1	0	0	0	0	0	0	0.63	0.58	0	0	0	0	0	0
8/3/2023 20:41	15001 BLMO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8/3/2023 21:21	66505 SMAN_T2	0	0	0	0	0	0	1.02	0.73	2	2	0	1500	1500	0
8/3/2023 21:26	60803 BUCK_T1	0	0	0	0	0	0	-2.37	-2.42	1	1	0	600	600	0
8/3/2023 21:42	56802 BENV_T2	0	1	1	0	0.1	0.1	-0.65	-0.74	0	0	0	0	0	0
8/3/2023 21:50	47401 PENS_T1	26	3	-23	0.44	0.2	-0.24	0.28	0.08	0	0	0	0	0	0
8/3/2023 22:04	29402 BELT_T1	64	0	-64	0.37	0	-0.37	0	0	0	0	0	0	0	0
8/3/2023 22:06	52502 PROG_T2	0	0	0	0	0	0	-0.6	-0.66	1	1	0	900	900	0
8/3/2023 22:07	66503 SMAN_T2	0	1	1	0	0	0	0	0	0	0	0	0	0	0
8/3/2023 22:13	64702 LITI_T2	0	0	0	0	0	0	-0.38	-0.35	0	0	0	0	0	0
8/3/2023 22:14	61801 EEU_T2	0	0	0	0	0	0	-1.22	-1.26	1	1	0	600	600	0
8/3/2023 22:18	25801 SUTR_T2	0	0	0	0	0	0	0.41	0.4	0	0	0	0	0	0
8/3/2023 22:20	52404 GRPA_T2	1	1	0	0.2	0.7	0.5	0	0	0	0	0	0	0	0
8/3/2023 22:21	62605 ENGL_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8/3/2023 22:24	55101 WERT_T1	0	3	3	0	0	0	-2.42	-3.7	2	3	1	1800	2400	600
8/3/2023 22:25	56802 BENV_T2	1	3	2	0.2	0.37	0.17	-2.16	-2.23	0	0	0	0	0	0
8/4/2023 0:28	63802 HEMP_T1	0	0	0	0	0	0	-1.53	-1.48	0	0	0	0	0	0
8/4/2023 0:28	26402 INOR_T1	0	0	0	0	0	0	-0.68	-0.68	0	0	0	0	0	0
8/4/2023 0:28	64802 MONE_T2	0	0	0	0	0	0	0.7	0.65	0	0	0	0	0	0
8/4/2023 0:28	52401 GRPA_T2	0	1	1	0	0.2	0.2	0	0	0	0	0	0	0	0
8/4/2023 0:28	49804 UNIV_T1	0	1	1	0	0.7	0.7	1.26	1.2	0	0	0	0	0	0
8/4/2023 0:28	51906 COPA_T1	0	0	0	0	0	0	-1.69	-1.69	2	2	0	1500	1500	0
8/4/2023 0:28	67503 WEWI_T2	0	0	0	0	0	0	-0.25	-0.5	0	0	0	0	0	0
8/4/2023 0:28	15702 TANN_T2	0	0	0	0	0	0	1.15	1.1	0	0	0	0	0	0
8/4/2023 0:28	46702 RENO_T1	0	0	0	0	0	0	-0.12	-0.16	0	0	0	0	0	0
8/4/2023 0:28	44801 EDAN_T2	1	1	0	0.8	0	-0.8	0	0	0	0	0	0	0	0
8/4/2023 0:28	42201 SHEN_T2	0	0	0	0	0	0	0.98	0.97	0	0	0	0	0	0
8/4/2023 0:28	56801 BENV_T1	25	28	3	1.06	1.2	0.14	-2.62	-2.66	2	2	0	1200	1200	0
8/4/2023 0:28	63403 HONY_T2	0	0	0	0	0	0	0.7	0.62	0	0	0	0	0	0
8/4/2023 0:28	62604 ENGL_T1	0	0	0	0	0	0	-1.37	-1.53	0	0	0	0	0	0
8/4/2023 0:28	60803 BUCK_T1	0	0	0	0	0	0	-1.59	-1.6	1	1	0	600	600	0
8/4/2023 0:28	60103 COCA_T1	0	0	0	0	0	0	0.75	0.68	0	0	0	0	0	0
8/4/2023 0:28	46001 BERW_T1	0	0	0	0	0	0	-0.59	-0.82	0	0	0	0	0	0
8/4/2023 0:28	65603 QVIL_T2	1	1	0	8.9	8.8	-0.1	0	0	0	0	0	0	0	0
8/4/2023 0:28	42903 MIDD_T2	2	2	0	0.4	0.1	-0.3	0	0	0	0	0	0	0	0
8/4/2023 0:28	44203 POIN_T2	0	2	2	0	0	0	-0.73	-0.98	2	2	0	2100	2100	0
8/4/2023 0:28	28602 BLYT_T2	1	1	0	0.9	0.9	0	0	0	0	0	0	0	0	0
8/4/2023 0:28	45602 WOOL_T1	0	0	0	0	0	0	1.23	1.18	0	0	0	0	0	0
8/4/2023 0:28	65401 MARI_T1	0	0	0	0	0	0	-0.12	-0.14	0	0	0	0	0	0
8/4/2023 0:28	24105 EHAZ_T1	4	4	0	7.05	5.85	-1.2	0	0	0	0	0	0	0	0
8/4/2023 0:28	45003 LIME_2	2	2	0	2.3	1.65	-0.65	0	0	1	0	-1	1200	0	-1200
8/4/2023 0:28	52404 GRPA_T2	0	0	0	0	0	0	-0.87	-0.88	0	0	0	0	0	0
8/4/2023 0:28	56803 BENV_T1	0	1	1	0	0	0	0.62	0.63	0	0	0	0	0	0
8/4/2023 0:28	62605 ENGL_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8/4/2023 0:28	43304 WATS_T2	0	0	0	0	0	0	-1.84	-2.08	0	0	0	0	0	0
8/4/2023 0:28	67502 WEWI_T2	0	0	0	0	0	0	-2.67	-2.64	1	1	0	900	900	0
8/4/2023 0:28	57304 MOAL_T2	0	1	1	0	0.2	0.2	-1.34	-1.4	0	0	0	0	0	0
8/4/2023 0:28	45802 HEGI_T2	0	0	0	0	0	0	0.94	0.38	1	1	0	300	300	0
8/4/2023 0:28	11104 EGYP_T1	0	0	0	0	0	0	2.59	2.51	0	0	0	0	0	0
8/4/2023 0:28	15001 BLMO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8/4/2023 0:28	29402 BELT_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8/4/2023 0:28	65902 SAKR_T2	0	0	0	0	0	0	-0.14	-0.11	0	0	0	0	0	0
8/4/2023 0:28	59301 MCAL_T1	2	2	0	0.25	0.55	0.3	-2.61	-2.65	0	0	0	0	0	0
8/4/2023 0:28	42701 AUGU_T1	0	0	0	0	0	0	0	0	2	2	0	1800	1800	0
8/4/2023 0:28	44502 HAMI_T2	1	1	0	3.2	3.1	-0.1	-1.41	-1.46	0	0	0	0	0	0
8/4/2023 0:28	66505 SMAN_T2	0	0	0	0	0	0	1.04	0.86	1	1	0	900	900	0
8/4/2023 0:28	52502 PROG_T2	0	0	0	0	0	0	-1.91	-1.94	2	2	0	1800	1800	0
8/4/2023 0:28	45902 AUBU_T1	0	0	0	0	0	0	-1.68	-1.6	1	1	0	600	600	0
8/4/2023 0:28	10805 CHHI_T2	1	1	0	8.8	8.8	0	-3.56	-3.59	2	2	0	1200	1200	0
8/4/2023 0:28	16302 ALPA_T2	0	0	0	0	0	0	1.45	1.4	0	0	0	0	0	0
8/4/2023 0:28	56802 BENV_T2	0	0	0	0	0	0	-12.64	-12.57	0	0	0	0	0	0
8/4/2023 0:28	12701 MACU_T1	0	0	0	0	0	0	-2.26	-2.3	1	1	0	1200	1200	0
8/4/2023 0:28	61801 EEU_T2	0	0	0	0	0	0	-1.36	-1.37	1	1	0	600	600	0
8/4/2023 0:28	28403 HART_T2	0	0	0	0	0	0	-1.22	-1.26	1	1	0	900	900	0
8/4/2023 0:28	53501 EVIL_T2	10	0	-10	0.17	0	-0.17	-2.1	-2.05	2	0	-2	1200	0	-1200
8/4/2023 0:28	59101 WALK_T2	1	1	0	0	0	0	8.46	7.8	5	5	0	2250	2250	0
8/4/2023 0:28	47401 PENS_T1	0	0	0	0	0	0	-0.6	-0.81	0	0	0	0	0	0
8/4/2023 0:28	55101 WERT_T1	0	0	0	0	0	0	-6.03	-5.85	4	4	0	3600	3600	0
8/4/2023 0:28	45702 LIND_T2	0	0	0	0	0	0	-0.46	-0.51	0	0	0	0	0	0
8/4/2023 0:28	40101 HUNT_T2	0	0	0	0	0	0	-0.74	-0.77	0	0	0	0	0	0
8/4/2023 0:28	48302 ORWI_T2	2	2	0	1.25	0.95	-0.3	-0.3	-0.31	0	0	0	0	0	0
8/4/2023 0:28	60604 NCOL_T2	0	0	0	0	0	0	0.64	0.61	0	0	0	0	0	0
8/4/2023 0:28	65503 MOJO_T2	0	0	0	0	0	0	-1.61	-1.63	1	1	0	900	900	0
8/4/2023 0:28	41602 CLEV_T1	0	0	0	0	0	0	0	0	1	1	0	600	600	0
8/4/2023 0:28	66703 STRA_T1	3	6	3	0.13	0.37	0.24	-0.46	-0.47	0	0	0	0	0	0
8/4/2023 0:28	64101 REFR_T1	0	0	0	0	0	0	0.52	0.49	0	0	0	0	0	0
8/4/2023 0:28	51604 DUKE_T2	0	0	0	0	0	0	-3.06	-3.08	1	1	0	900	900	0
8/4/2023 0:28	56504 ROCK_T2	0	0	0	0	0	0	-0.79	-0.8	0	0	0	0	0	0
8/4/2023 0:28	67204 TEHI_T2	0	0	0	0	0	0	-0.37	-0.39	0	0	0	0	0	0
8/4/2023 0:31	58803 COCO_T1	2	2	0	2.5	2.7	0.2	-2.24	-2.24	0	0	0	0	0	0
8/4/2023 0:40	42701 AUGU_T1	0	0	0	0	0	0	0	0	2	2	0	1800	1800	0
8/4/2023 0:53	51603 DUKE_T1	0	0	0	0	0	0	-1.69	-1.71	1	1	0	900	900	0
8/4/2023 0:56	44801 EDAN_T2	0	1	1	0	0.2	0.2	1.1	1.11	0	0	0	0	0	0
8/4/2023 8:14	58402 MORO_T1	0	1	1	0	0.7	0.7	-1.73	-1.75	2	2	0	1500	1500	0
8/4/2023 8:15	60604 NCOL_T2	0	0	0	0	0	0	0.66	0.57	0	0	0	0	0	0
8/4/2023 8:18	15202 SFAR_T1	0	0	0	0	0	0	-2.01	-1.95	0	0	0	0	0	0
8/4/2023 8:18	13704 SCHN_T2	0	0	0	0	0	0	0.09	0.23	0	0	0	0	0	0
8/4/2023 8:18	53802 MBRG_T2	0	0	0	0	0	0	1.4	1.47	0	0	0	0	0	0
8/4/2023 8:24	67703 WERN_T2	0	0	0	0	0	0	-1.26	-1.26	1	1	0	900	900	0
8/4/2023 8:27	50106 HARR_T3	1	1	0	0	0	0	0	0	0	0	0	0	0	0
8/4/2023 8:28	65401 MARI_T1	0	0	0	0	0	0	1.09	1.13	0	0	0	0	0	0
8/4/2023 8:33	58402 MORO_T1	0	1	1	0	0.8	0.8	-1.75	-1.67	2	2	0	1500	1500	0
8/4/2023 8:51	45901 AUBU_T1	0	0	0	0	0	0	0.58	0.51	0	0	0	0	0	0
8/4/2023 8:56	45901 AUBU_T1	0	0	0	0	0	0	0.58	0.51	0	0	0	0	0	0
8/4/2023 8:57	53601 DALM_T2	1	1	0	0.9	0.6	-0.3	-0.51	-0.12	1	1	0	900	900	0
8/4/2023 9:09	56802 BENV_T2	194	165	-29	0.31	0.31	0	-2.31	-2.27	0	0	0	0	0	0
8/4/2023 9:15	40101 HUNT_T2	2	3	1	0.8	0.4	-0.4	-0.1	-0.02	0	0	0	0	0	0
8/4/2023 9:22	65902 SAKR_T2	0	0	0	0	0	0	0.1	-0.13	1	1	0	300	300	0
8/4/2023 9:26	56802 BENV_T2	165	63	-102	0.31	0.17	-0.14	-2.27	-2.28	0	0	0	0	0	0
8/4/2023 9:26	28602 BLYT_T2	28	42	14	0.34	0.31	-0.03	0	0	0	0	0	0	0	0
8/4/2023 9:31	45802 HEGI_T2	1	0	-1	0.2	0	-0.2	1.86	1.59	1	1	0	300	300	0
8/4/2023 9:33	43202 MVIL_T2	0	0	0	0	0	0	-1.08	-1.1	0	0	0	0	0	0
8/4/2023 9:41	56802 BENV_T2	52	51	-1	0.18	0.17	-0.01	-2.28	-2.3	0	0	0	0	0	0
8/4/2023 9:44	47901 HRDG_T1	0	0	0	0	0	0	1.32	0.92	1	1	0	1200	1200	0
8/4/2023 9:48	46702 RENO_T1	0	0	0	0	0	0	0.16	0.18	0	0	0	0	0	0
8/4/2023 9:54	45902 AUBU_T1	0	0	0	0	0	0	-0.2	-0.18	1	1	0	600	600	0
8/4/2023 9:56	56802 BENV_T2	51	4	-47	0.17	0.5	0.33	-2.3	-2.19	0	0	0	0	0	0
8/4/2023 9:57	58803 COCO_T1	2	2	0	3.6	2.65	-0.95	-1.97	0.6	0	0	0	0	0	0
8/4/2023 9:57	53501 EVIL_T2	1	0	-1	0.1	0	-0.1	-0.3	-0.09	2	2	0	1200	1200	0
8/4/2023 10:00	15604 NSTR_T1	0	0	0	0	0	0	0.48	0.51	0	0	0	0	0	0
8/4/2023 10:00	58803 COCO_T1	2	2	0	2.65	1.55	-1.1	-1.97	0.6	0	0	0	0	0	0
8/4/2023 10:00	56603 HAMP_T1	0	1	1	0	0	0	0	0	0	0	0	0	0	0
8/4/2023 10:00	12604 MACA_T1	0	0	0	0	0	0	1.08	1.05	0	0	0	0	0	0
8/4/2023 10:00	41901 REED_T1	2	4	2	0.2	0.23	0.03	-2.18	-2.19	1	1	0	900	900	0
8/4/2023 10:00	64801 MONE_T2	0	1	1	0	0.4	0.4	0.97	0.97	0	0	0	0	0	0
8/4/2023 10:00	52503 PROG_T2	0	0	0	0	0	0	-1.04	-1.05	1	1	0	900	900	0
8/4/2023 10:00	20401 ASHF_T2	0	0	0	0	0	0	0.02	0.04	1	1	0	600	600	0
8/4/2023 10:00	42001 MNVL_T2	0	0	0	0	0	0	0.67	0.72	0	0	0	0	0	0
8/4/2023 10:00	67604 WARW_T1	0	0	0	0	0	0	1.52	1.54	0	0	0	0	0	0
8/4/2023 10:00	40101 HUNT_T2	5	17	12	0.36	0.4	0.04	0.01	0.02	0	0	0	0	0	0
8/4/2023 10:00	10602 BLGL_T2	6	61	55	1.37	0.59	-0.78	3.35	3.46	0	0	0	0	0	0
8/4/2023 10:03	48302 ORWI_T2	2	2	0	1.85	1.65	-0.2	0.04	0.04	0	0	0	0	0	0
8/4/2023 10:07	20403 ASHF_T2	0	0	0	0	0	0	2.94	2.69	0	0	0	0	0	0
8/4/2023 10:07	45602 WOOL_T1	0	0	0	0	0	0	1.45	1.48	0	0	0	0	0	0
8/4/2023 10:07	58803 COCO_T1	2	2	0	2.65	1.55	-1.1	0.6	0.54	0	0	0	0	0	0
8/4/2023 10:09	56802 BENV_T2	4	77	73	0.5	0.18	-0.32	-2.19	-2.19	0	0	0	0	0	0
8/4/2023 10:09	29402 BELT_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8/4/2023 10:09	67204 TEHI_T2	0	0	0	0	0	0	-0.55	-0.53	0	0	0	0	0	0
8/4/2023 10:10	45901 AUBU_T1	0	0	0	0	0	0	0.42	0.47	0	0	0	0	0	0
8/4/2023 10:12	40901 JESH_T1	1	1	0	1	1.2	0.2	0	0	0	0	0	0	0	0
8/4/2023 10:12	51603 DUKE_T1	0	0	0	0	0	0	-1.55	-1.53	1	1	0	900	900	0
8/4/2023 10:14	28403 HART_T2	0	0	0	0	0	0	-1.03	-1	1	1	0	900	900	0
8/4/2023 10:17	64101 REFR_T1	0	0	0	0	0	0	0.22	0.27	0	0	0	0	0	0
8/4/2023 10:21	67502 WEWI_T2	0	0	0	0	0	0	-1.97	-1.9	1	1	0	900	900	0
8/4/2023 10:22	56801 BENV_T1	16	12	-4	0.22	0.39	0.17	-1.22	-1.21	1	1	0	600	600	0
8/4/2023 10:22	60305 TWVA_T2	0	0	0	0	0	0	-2.94	-2.93	2	2	0	2400	2400	0
8/4/2023 10:22	59101 WALK_T2	1	1	0	0	0	0	3.14	3.03	1	1	0	450	450	0
8/4/2023 10:22	66505 SMAN_T2	0	0	0	0	0	0	1.46	0.48	2	2	0	1500	1500	0
8/4/2023 10:22	52502 PROG_T2	0	1	1	0	0	0	-0.93	-0.92	1	1	0	900	900	0
8/4/2023 10:23	29402 BELT_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8/4/2023 10:24	45902 AUBU_T1	0	0	0	0	0	0	-0.21	-0.18	1	1	0	600	600	0

8/4/2023 11:50	47401 PENS_T1	0	0	0	0	0	0	0.5	0.46	0	0	0	0	0	0
8/4/2023 12:05	48302 ORWI_T2	2	2	0	1.45	1.35	-0.1	0.11	0.13	0	0	0	0	0	0
8/4/2023 12:34	52502 PROG_T2	0	0	0	0	0	0	-0.58	-0.49	1	1	0	900	900	0
8/4/2023 13:02	44203 POIN_T2	4	7	3	0.5	0.68	0.18	0.65	0.9	2	2	0	2100	2100	0
8/4/2023 13:03	66703 STRA_T1	0	0	0	0	0	0	1.04	0.72	0	0	0	0	0	0
8/4/2023 13:29	16902 MECK_T1	0	0	0	0	0	0	0.24	0.23	0	0	0	0	0	0
8/4/2023 13:45	40902 JESH_T1	0	0	0	0	0	0	0.01	-0.11	3	3	0	1800	1800	0
8/4/2023 13:52	66504 SMAN_T2	0	1	1	0	0	0	0	0	0	0	0	0	0	0
8/4/2023 14:05	64101 REFR_T1	0	0	0	0	0	0	0.67	0.7	0	0	0	0	0	0
8/4/2023 14:06	56803 BENV_T1	5	3	-2	1.08	0.9	-0.18	1.53	1.59	0	0	0	0	0	0
8/4/2023 14:11	56803 BENV_T1	5	3	-2	1.08	0.9	-0.18	1.53	1.59	0	0	0	0	0	0
8/4/2023 14:12	52403 GRPA_T2	1	4	3	0.5	0.15	-0.35	0	0	0	0	0	0	0	0
8/4/2023 14:12	63802 HEMP_T1	0	0	0	0	0	0	-0.26	-0.25	0	0	0	0	0	0
8/4/2023 14:23	15001 BLMO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8/4/2023 14:26	44802 EDAN_T2	0	0	0	0	0	0	4.12	4.12	0	0	0	0	0	0
8/4/2023 14:30	64801 MONE_T2	0	0	0	0	0	0	1.4	1.45	0	0	0	0	0	0
8/4/2023 14:35	65602 QVIL_T2	1	1	0	0.2	0.1	-0.1	0	0	0	0	0	0	0	0
8/4/2023 14:39	56802 BENV_T2	2	1	-1	0.35	0.6	0.25	-1.65	-1.59	0	0	0	0	0	0
8/4/2023 14:41	60803 BUCK_T1	0	0	0	0	0	0	-1.84	-1.8	1	1	0	600	600	0
8/4/2023 14:42	52402 GRPA_T2	1	1	0	2.5	1.9	-0.6	0	0	0	0	0	0	0	0
8/4/2023 14:45	41801 GOCI_T2	2	1	-1	0.2	0	-0.2	0	0	0	0	0	0	0	0
8/4/2023 14:45	44505 HAMI_T2	1	0	-1	0.1	0	-0.1	0	0	0	0	0	0	0	0
8/4/2023 14:47	46701 RENO_T1	1	1	0	0.8	0.3	-0.5	0	0	0	0	0	0	0	0
8/4/2023 14:48	46504 LOHA_T1	1	2	1	0.4	1.35	0.95	0	0	0	0	0	0	0	0
8/4/2023 14:52	29402 BELT_T1	1	8	7	0.3	0.18	-0.12	0	0	0	0	0	0	0	0
8/4/2023 14:54	11104 EGYP_T1	6	6	0	1.03	0.88	-0.15	2.18	2.18	0	0	0	0	0	0
8/4/2023 14:58	44802 EDAN_T2	0	0	0	0	0	0	-3.33	-3.4	0	0	0	0	0	0
8/4/2023 15:00	46504 LOHA_T1	2	2	0	1.2	1.35	0.15	0	0	0	0	0	0	0	0
8/4/2023 15:06	56504 ROCK_T2	0	0	0	0	0	0	0.71	-1.48	0	0	0	0	0	0
8/4/2023 15:08	62607 ENGL_T1	0	1	1	0	3.9	3.9	0	0	0	0	0	0	0	0
8/4/2023 15:10	55101 WERT_T1	0	2	2	0	0	0	-3.78	-3.2	4	4	0	3300	3300	0
8/4/2023 15:17	52403 GRPA_T2	1	4	3	1.3	0.25	-1.05	-0.54	-0.58	0	0	0	0	0	0
8/4/2023 15:22	56501 ROCK_T2	0	1	1	0	0	0	0	0	0	0	0	0	0	0
8/4/2023 15:25	55101 WERT_T1	0	2	2	0	0	0	-3.2	-3.23	4	4	0	3300	3300	0
8/4/2023 15:27	52402 GRPA_T2	1	3	2	1.4	1.7	0.3	0	0	0	0	0	0	0	0
8/4/2023 15:34	54001 SDLE_T1	2	2	0	0.65	0.95	0.3	0	0	1	1	0	600	600	0
8/4/2023 15:46	52404 GRPA_T2	0	1	1	0	0.5	0.5	0	0	0	0	0	0	0	0
8/4/2023 16:06	55101 WERT_T1	0	0	0	0	0	0	-3.43	-3.64	4	4	0	3300	3300	0
8/4/2023 16:32	13503 MCMI_T2	0	0	0	0	0	0	0.29	0.31	0	0	0	0	0	0
8/4/2023 17:02	51905 COPA_T1	0	1	1	0	0	0	0	0	0	0	0	0	0	0
8/4/2023 17:13	67001 STHI_T2	1	1	0	0.2	0.5	0.3	0	0	0	0	0	0	0	0
8/4/2023 17:24	61505 EPET_T1	0	0	0	0	0	0	-0.32	-0.46	0	0	0	0	0	0
8/4/2023 17:44	63804 HEMP_T1	1	1	0	6.3	6.3	0	0	0	0	0	0	0	0	0
8/4/2023 19:06	63304 GREE_T1	1	1	0	6.7	6.5	-0.2	0	0	0	0	0	0	0	0
8/4/2023 19:42	56802 BENV_T2	54	37	-17	0.2	0.23	0.03	-1.99	-2.02	0	0	0	0	0	0
8/4/2023 19:55	44801 EDAN_T2	1	0	-1	0.1	0	-0.1	1.6	1.57	0	0	0	0	0	0
8/4/2023 20:02	41901 REED_T1	11	11	0	0.63	0.8	0.17	-2.84	-2.88	1	1	0	900	900	0
8/4/2023 20:07	56802 BENV_T2	35	56	21	0.23	0.2	-0.03	-2.06	-2.07	0	0	0	0	0	0
8/4/2023 20:08	29402 BELT_T1	32	54	22	0.31	0.5	0.19	0	0	0	0	0	0	0	0
8/4/2023 20:09	20403 ASHF_T2	0	0	0	0	0	0	1.04	1.03	0	0	0	0	0	0
8/4/2023 20:14	28403 HART_T2	0	0	0	0	0	0	-0.66	-0.7	1	1	0	900	900	0
8/4/2023 20:19	64101 REFR_T1	0	0	0	0	0	0	0.75	0.68	0	0	0	0	0	0
8/4/2023 20:20	66505 SMAN_T2	0	1	1	0	0	0	0.79	0.69	2	2	0	1500	1500	0
8/4/2023 20:21	52502 PROG_T2	0	0	0	0	0	0	-0.37	-0.39	1	1	0	900	900	0
8/4/2023 20:22	45902 AUBU_T1	0	0	0	0	0	0	-1.25	-1.14	1	1	0	600	600	0
8/4/2023 20:23	29402 BELT_T1	53	38	-15	0.5	0.38	-0.12	0	0	0	0	0	0	0	0
8/4/2023 20:25	67502 WEWI_T2	0	0	0	0	0	0	-1.98	-2.03	1	0	-1	900	0	-900
8/4/2023 20:59	17804 GILB_T2	0	0	0	0	0	0	-0.89	-0.87	0	0	0	0	0	0
8/4/2023 21:03	42903 MIDD_T2	1	1	0	0.1	0.1	0	0	0	0	0	0	0	0	0
8/4/2023 21:05	47403 PENS_T1	1	1	0	2.5	2.6	0.1	0	0	0	0	0	0	0	0
8/4/2023 21:08	16302 ALPA_T2	0	0	0	0	0	0	-0.52	-0.67	0	0	0	0	0	0
8/4/2023 21:08	29401 BELT_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8/4/2023 21:13	10805 CHHI_T2	1	7	6	9.2	9.1	-0.1	-1.11	-1.04	1	1	0	600	600	0
8/4/2023 21:19	47802 MOCA_T2	0	0	0	0	0	0	-1.45	-1.46	0	0	0	0	0	0
8/4/2023 21:19	56501 ROCK_T2	8	2	-6	0.25	0.25	0	-2.26	-2.29	0	0	0	0	0	0
8/4/2023 21:23	45402 WBLO_T2	1	1	0	1.1	1.3	0.2	-0.79	-0.84	0	0	0	0	0	0
8/4/2023 21:25	10805 CHHI_T2	1	7	6	9.2	9.1	-0.1	-1.04	-1.17	1	1	0	600	600	0
8/4/2023 21:26	43001 ALWD_T1	0	5	5	0	0.12	0.12	0	0	0	0	0	0	0	0
8/4/2023 21:50	47401 PENS_T1	0	0	0	0	0	0	-0.11	-0.08	0	0	0	0	0	0
8/4/2023 22:22	41801 GOCI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8/4/2023 22:27	52402 GRPA_T2	3	4	1	1.03	1.1	0.07	0	0	0	0	0	0	0	0
8/5/2023 0:28	46701 RENO_T1	0	3	3	0	0.1	0.1	0	0	0	0	0	0	0	0
8/5/2023 0:28	28604 BLYT_T2	0	2	2	0	0.1	0.1	-0.4	-0.4	0	0	0	0	0	0
8/5/2023 0:28	60803 BUCK_T1	0	1	1	0	0.1	0.1	-2.91	-2.91	1	1	0	600	600	0
8/5/2023 0:28	63804 HEMP_T1	2	5	3	2.75	1.22	-1.53	0	0	0	0	0	0	0	0
8/5/2023 0:28	52401 GRPA_T2	1	1	0	0.4	0.8	0.4	-0.95	-0.94	0	0	0	0	0	0
8/5/2023 0:28	56802 BENV_T2	1	1	0	0.2	0.5	0.3	-10.07	-10.06	0	0	0	0	0	0
8/5/2023 0:28	42701 AUGU_T1	0	1	1	0	0.2	0.2	0	0	2	2	0	1800	1800	0
8/5/2023 0:28	52401 GRPA_T2	1	1	0	0.4	0.8	0.4	-0.95	-0.94	0	0	0	0	0	0
8/5/2023 0:28	28403 HART_T2	0	0	0	0	0	0	-1.07	-1.05	1	1	0	900	900	0
8/5/2023 0:28	11104 EGYP_T1	0	0	0	0	0	0	1.3	1.27	0	0	0	0	0	0
8/5/2023 0:28	45602 WOOL_T1	0	0	0	0	0	0	1.18	1.14	0	0	0	0	0	0
8/5/2023 0:28	29402 BELT_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8/5/2023 0:28	15701 TANN_T1	1	1	0	4.3	4.3	0	0	0	0	0	0	0	0	0
8/5/2023 0:28	44502 HAMI_T2	1	1	0	3.1	3.2	0.1	-1.62	-1.6	0	0	0	0	0	0
8/5/2023 0:28	65603 QVIL_T2	1	1	0	8.8	8.2	-0.6	0	0	0	0	0	0	0	0
8/5/2023 0:28	46506 LOHA_T1	0	0	0	0	0	0	-5.58	-5.61	2	2	0	1800	1800	0
8/5/2023 0:28	66504 SMAN_T2	0	0	2	0	0	0	-5.55	-5.49	2	2	0	2400	2400	0
8/5/2023 0:28	11104 EGYP_T1	0	0	0	0	0	0	1.3	1.27	0	0	0	0	0	0
8/5/2023 0:28	57303 MOAL_T2	1	1	0	7	7.1	0.1	0	0	0	0	0	0	0	0
8/5/2023 0:28	59101 WALK_T2	0	0	0	4.9	0	0	3.92	5.45	0	0	0	0	0	0
8/5/2023 0:28	58803 COCO_T1	2	2	0	2.55	2.65	0.1	-2.23	-2.28	0	0	0	0	0	0
8/5/2023 0:28	56803 BENV_T1	0	0	0	0	0	0	0.69	0.7	0	0	0	0	0	0
8/5/2023 0:28	52502 PROG_T2	0	0	0	0	0	0	-1.02	-1.03	1	1	0	900	900	0
8/5/2023 0:28	15001 BLMO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8/5/2023 0:28	51904 COPA_T1	4	5	1	0.15	0.68	0.53	0	0	0	0	0	0	0	0
8/5/2023 0:28	42201 SHEN_T2	0	0	0	0	0	0	0.98	0.96	0	0	0	0	0	0
8/5/2023 0:28	61802 EELI_T2	2	0	-2	0.1	0	-0.1	0	0	0	0	0	0	0	0
8/5/2023 0:28	52403 GRPA_T2	0	0	0	0	0	0	-1.76	-1.77	0	0	0	0	0	0
8/5/2023 0:28	63403 HONY_T2	0	0	0	0	0	0	0.65	0.63	0	0	0	0	0	0
8/5/2023 0:28	56504 ROCK_T2	0	0	0	0	0	0	-0.91	-1.03	0	0	0	0	0	0
8/5/2023 0:28	67503 WEWI_T2	0	0	0	0	0	0	-0.26	-0.26	0	0	0	0	0	0
8/5/2023 0:28	17805 GILB_T2	0	0	0	0	0	0	-0.05	-0.09	0	0	0	0	0	0
8/5/2023 0:28	61505 EPET_T1	0	0	0	0	0	0	-1.58	-1.64	0	0	0	0	0	0
8/5/2023 0:28	66504 SMAN_T2	0	0	0	0	0	0	-5.55	-5.49	2	2	0	2400	2400	0
8/5/2023 0:28	44801 EDAN_T2	1	1	0	0.3	0	-0.3	0	0	0	0	0	0	0	0
8/5/2023 0:28	40901 JESH_T1	1	0	-1	0.1	0	-0.1	0	0	0	0	0	0	0	0
8/5/2023 0:28	53901 EVIL_T2	6	11	5	0.35	0.39	0.04	-2.37	-2.34	0	0	0	0	0	0
8/5/2023 0:28	47401 PENS_T1	0	0	0	0	0	0	3.89	3.77	0	0	0	0	0	0
8/5/2023 0:28	54001 SDLE_T1	0	1	1	0	0.1	0.1	0	0	0	0	0	0	0	0
8/5/2023 0:28	67002 STHI_T2	0	0	0	0	0	0	1.63	1.58	0	0	0	0	0	0
8/5/2023 0:28	48302 ORWI_T2	2	2	0	2.05	1.95	-0.1	-0.54	-0.62	0	0	0	0	0	0
8/5/2023 0:28	40101 HUNT_T2	0	0	0	0	0	0	-1.29	-1.29	0	0	0	0	0	0
8/5/2023 0:28	55101 WERT_T1	0	0	0	0	0	0	-7.96	-8.05	6	6	0	4500	4500	0
8/5/2023 0:28	62604 ENGL_T1	0	0	0	0	0	0	-2.61	-2.67	1	1	0	600	600	0
8/5/2023 0:28	13503 MCMI_T2	0	0	0	0	0	0	0.09	0.06	0	0	0	0	0	0
8/5/2023 0:28	49804 UNIV_T1	1	1	0	0.4	0.7	0.3	1.17	1.17	0	0	0	0	0	0
8/5/2023 0:28	56801 BENV_T1	16	23	7	0.77	0.94	0.17	-1.39	-1.44	1	1	0	600	600	0
8/5/2023 0:28	64101 REFR_T1	0	0	0	0	0	0	0.6	0.58	0	0	0	0	0	0
8/5/2023 0:28	45901 AUBU_T1	0	0	0	0	0	0	1.94	1.86	0	0	0	0	0	0
8/5/2023 0:28	51603 DUKE_T1	0	0	0	0	0	0	-1.61	-1.67	1	1	0	900	900	0
8/5/2023 0:28	45702 LIND_T2	0	0	0	0	0	0	-0.65	-0.65	0	0	0	0	0	0
8/5/2023 0:28	64801 MONE_T2	0	0	0	0	0	0	1.07	1.08	0	0	0	0	0	0
8/5/2023 0:49	52404 GRPA_T2	1	1	0	0.4	0.5	0.1	0	0	0	0	0	0	0	0
8/5/2023 0:51	53903 HAU_T2	2	2	0	0.75	0.7	-0.05	-0.12	-0.11	0	0	0	0	0	0
8/5/2023 0:51	42701 AUGU_T1	1	1	0	0.2	0.1	-0.1	0	0	2	2	0	1800	1800	0
8/5/2023 1:14	63304 GREE_T1	1	1	0	5.9	5.8	-0.1	0	0	0	0	0	0	0	0
8/5/2023 1:37	63305 GREE_T1	0	0	0	0	0	0	-2.66	-2.69	1	1	0	900	900	0
8/5/2023 1:59	46504 LOHA_T1	2	2	0	1.55	1.35	-0.2	0	0	0	0	0	0	0	0
8/5/2023 2:18	63305 GREE_T1	0	0	0	0	0	0	-2.71	-2.75	1	1	0	900	900	0
8/5/2023 2:45	63305 GREE_T1	0	0	0	0	0	0	-2.72	-2.81	1	1	0	900	900	0
8/5/2023 2:50	44801 EDAN_T2	0	0	0	0	0	0	1.09	1.12	0	0	0	0	0	0
8/5/2023 3:01	63305 GREE_T1	0	0	0	0	0	0	-2.81	-2.72	1	1	0	900	900	0
8/5/2023 3:43	63304 GREE_T1	1	1	0	5.8	5.7	-0.1	0	0	0	0	0	0	0	0
8/5/2023 4:04	63304 GREE_T1	1	1	0	5.7	5.6	-0.1	0	0	0	0	0	0	0	0
8/5/2023 4:19	63304 GREE_T1	1	1	0	5.6	5.6	0	0	0	0	0	0	0	0	0
8/5/2023 4:40	63305 GREE_T1	0	0	0	0	0	0	-2.72	-2.73	1	1	0	900	900	0
8/5/2023 4:56	63304 GREE_T1	1	1	0	5.6	5.7	0.1	0	0	0	0	0	0	0	0
8/5/2023 5:02	63304 GREE_T1	1	1	0	5.7	5.7	0	0	0	0	0	0	0	0	0
8/5/2023 5:12	63305 GREE_T1	0	0	0	0	0	0	-2.73	-2.75	1	1	0	900	900	0
8/5/2023 6:10	44801 EDAN_T2	0	0	0	0	0	0	1.11	1.1	0	0	0	0	0	0
8/5/2023 6:25	44801 EDAN_T2	0	1	1	0	0	0	1.1	1.07	0	0	0	0	0	0
8/5/2023 7:39	63305 GREE_T1	0	0	0	0	0	0	-2.45	-2.47	1	1	0	900	900	0
8/5/2023 8:11	29402 BELT_T1	74	52	-22	0.5	0.49	-0.01	0	0	0	0	0	0	0	0
8/5/2023 8:12	61505 EPET_T1	0	0	0	0	0	0	-1.71	-1.62	0	0	0	0	0	0
8/5/2023 8:14	50103 HARR_T3	0	1	1	0	0.1	0.1	0	0	0	0	0	0	0	0
8/5/2023 8:19	15202 SFAR_T1	0	0	0	0	0	0	-1.82	-1.76	0	0	0	0	0	0
8/5/2023 8:23	45901 AUBU_T1	0	0	0	0	0	0	1.73	1.68	0	0	0	0	0	0
8/5/2023 8:23	67002 STHI_T2	0	0	0	0	0	0	1.86	0.6	0	0	0	0	0	0
8/5/2023 8:42	44801 EDAN_T2	0	0	0	0	0	0	1.18	1.22	0	0	0	0	0	0
8/5/2023 8:54	53601 DALM_T2	1	0	-1	0.1	0	-0.1	-0.39	-0.18	1	1	0	900	900	0
8/5/2023 8:55	45901 AUBU_T1	0	0	0	0	0	0	1.66	1.76	0	0	0	0	0	0
8/5/2023 8:58	40101 HUNT_T2	0	0	0	0	0	0	-1.04	-1	0	0	0	0	0	0
8/5/2023 9:05	44901 SCOT_T2	0	0	0	0	0	0	0.3	0.46	0	0	0	0	0	0
8/5/2023 9:19	48302 ORWI_T2	2	2	0	1.65	1.45	-0.2	-0.16	-0.13	0	0	0	0	0	0
8/5/2023 9:22	45902 AUBU_T1	0	0	0	0	0	0	-1.32	-1.24	1	1	0	600	600	0
8/5/2023 9:26	29402 BELT_T1	13	9	-4	0.25	0.21	-0.04	0	0	0	0	0	0	0	0
8/5/2023 9:29	45802 HEGI_T2	0	0	0	0	0	0	0.92	0.67	1	1	0	300	300	0
8/5/2023 9:32	43202 MVIL_T2	0	0	0	0	0	0	-1.2	-1.19	0	0	0	0	0	0
8/5/2023 9:42	58803 COCO_T1	2	2	0	1.6	1.4	-0.2	-1.63	-1.5	0	0	0	0	0	0
8/5/2023 9:43	47901 HRDG_T1	0	0	0	0	0	0	0.28	0.25	1	1	0	1200	1200	0
8/5/2023 9:48	61202 REIN_T1	2	0	-2	0.15	0	-0.15	0	0	1	1	0	900	900	0
8/5/2023 9:59	40101 HUNT_T2	0	0	0	0	0	0	-0.88	-0.87	0	0	0	0	0	0
8/5/2023 10:00	67604 WARW_T1	0	0	0	0	0	0	0.4	0.48	0	0	0	0	0	0
8/5/2023 10:00	66505 SMAN_T2	0	0	0	0	0	0	0.57	0.25	3	3	0	2100	2100	0
8/5/2023 10:00	41901 REED_T1	2	2	0	0.15	0.2	0.05	-3.8	-3.77	1	1	0	900	900	0
8/5/2023 10:00	15604 NSTR_T1	0	0	0	0	0	0	0.67	0.68	0	0	0	0	0	0
8/5/2023 10:00	48302 ORWI_T2	2	2	0	0.95	0.95	0	-0.04	-0.01	0	0	0	0	0	0
8/5/2023 10:00	20401 ASHF_T2	0	1	1	0	0.3	0.3	0.14	0.16	1	1	0	600	600	0
8/5/2023 10:00	64801 MONE_T2	0	0	0	0	0	0	1.2	1.26	0	0	0	0	0	0
8/5/2023 10:00	65901 SAKR_T2	0	0	0	0	0	0	-2.09	-2.1	2	2	0	1500	1500	0
8/5/2023 10:00	12604 MACA_T1	0	0	0	0	0	0	1.17	1.23	0	0	0	0	0	0
8/5/2023 10:00	52503 PROG_T2	0	0	0	0	0	0	-0.85	-0.77	1	1	0	900	900	0
8/5/2023 10:00	13503 MCMI_T2	0	0	0	0	0	0	0.27	0.28	0	0	0	0	0	0
8/5/2023 10:00	56601 HAMP_T1	0	0	0	0	0	0	-0.25	-0.24	0	0	0	0	0	0
8/5/2023 10:00	10602 BLGI_T2	1	2	1	8.6	7.7	-0.9	1.52	1.58	0	0	0	0	0	0
8/5/2023 10:06	63305 GREE_T1	0	0	0	0	0	0	-2.39	-2.34	1	1	0	900	900	0
8/5/2023 10:07	46701 RENO_T1	0	1	1	0	0.5	0.5	0	0	0	0	0	0	0	0
8/5/2023 10:08	59101 WALK_T2	1	2	1	0	0	0	2.89	2.64	0	0

Appendix C - Grid Benefits Achieved in Each Instance of Active Management

8/5/2023 11:33	45702 LIND_T2	0	0	0	0	0	0	-0.3	-0.28	0	0	0	0	0	0
8/5/2023 11:36	47401 PENS_T1	8	6	-2	0.58	0.2	-0.38	2.93	2.99	0	0	0	0	0	0
8/5/2023 11:44	63403 HONY_T2	0	0	0	0	0	0	-0.28	-0.16	0	0	0	0	0	0
8/5/2023 11:45	44505 HAMI_T2	2	2	0	0.2	0.1	-0.1	0	0	0	0	0	0	0	0
8/5/2023 12:05	65902 SAKR_T2	0	0	0	0	0	0	-2.49	-2.48	1	2	1	300	1200	900
8/5/2023 12:34	13704 SCHN_T2	0	0	0	0	0	0	0.71	0.74	0	0	0	0	0	0
8/5/2023 12:52	67602 WARW_T2	1	3	2	1.7	0.2	-1.5	1.29	1.3	2	2	0	1500	1500	0
8/5/2023 13:01	15603 NSTR_T2	1	0	-1	0.1	0	-0.1	-0.72	-0.73	0	0	0	0	0	0
8/5/2023 13:08	25801 SUTR_T2	0	1	1	0	0.2	0.2	0.47	0.53	0	0	0	0	0	0
8/5/2023 13:21	59101 WALK_T2	7	9	2	0.88	0.57	-0.31	2.4	1.68	2	2	0	1050	1050	0
8/5/2023 13:21	44901 SCOT_T2	0	0	0	0	0	0	1	0.73	0	0	0	0	0	0
8/5/2023 13:40	60101 COCA_T1	0	1	1	0	0.5	0.5	-0.69	-0.63	1	1	0	1200	1200	0
8/5/2023 13:56	62105 ELAN_T1	0	1	1	0	0.1	0.1	2.35	2.4	0	0	0	0	0	0
8/5/2023 14:04	44203 POIN_T2	9	10	1	1.09	1.1	0.01	1.44	1.47	1	1	0	900	900	0
8/5/2023 14:05	47402 PENS_T1	1	0	-1	0.2	0	-0.2	0	0	0	0	0	0	0	0
8/5/2023 14:20	44203 POIN_T2	7	10	3	1.1	1.57	0.47	1.51	1.46	1	1	0	900	900	0
8/5/2023 14:34	56501 ROCK_T2	1	1	0	2.1	0	-2.1	0	0	0	0	0	0	0	0
8/5/2023 14:37	65602 QVIL_T2	0	2	2	0	0.3	0.3	0	0	0	0	0	0	0	0
8/5/2023 14:39	60803 BUCK_T1	0	0	0	0	0	0	-1.03	-0.91	1	1	0	600	600	0
8/5/2023 14:46	12701 MACU_T1	0	0	0	0	0	0	-1.42	-1.4	1	1	0	1200	1200	0
8/5/2023 14:58	11102 EGYP_T1	3	4	1	1.13	0.58	-0.55	0	0	0	0	0	0	0	0
8/5/2023 15:04	56504 ROCK_T2	3	4	1	0.83	0.67	-0.16	0	0	0	0	0	0	0	0
8/5/2023 15:04	65604 QVIL_T2	6	9	3	0.72	0.33	-0.39	1.66	1.64	0	0	0	0	0	0
8/5/2023 15:11	44801 EDAN_T2	3	1	-2	0.9	0.8	-0.1	0	0	0	0	0	0	0	0
8/5/2023 15:17	12701 MACU_T1	0	0	0	0	0	0	-1.38	-1.37	1	1	0	1200	1200	0
8/5/2023 15:24	15001 BLMO_T1	3	5	2	0.37	0.65	0.28	0	0	0	0	0	0	0	0
8/5/2023 15:27	52403 GRPA_T2	6	11	5	1.08	0.97	-0.11	-0.5	-0.56	0	0	0	0	0	0
8/5/2023 15:28	44801 EDAN_T2	1	4	3	0.8	1	0.2	0	0	0	0	0	0	0	0
8/5/2023 15:39	59101 WALK_T2	2	2	0	2.9	0	-2.9	2	2.07	1	1	0	450	450	0
8/5/2023 15:41	15001 BLMO_T1	5	2	-3	0.52	1.2	0.68	0	0	0	0	0	0	0	0
8/5/2023 15:44	25402 LAHA_T2	0	0	0	0	0	0	-0.94	-0.74	0	0	0	0	0	0
8/5/2023 15:45	52403 GRPA_T2	7	8	1	0.91	1.75	0.84	-0.56	-0.54	0	0	0	0	0	0
8/5/2023 16:00	53501 EVIL_T2	3	2	-1	0.5	0.6	0.1	-0.35	-0.36	0	0	0	0	0	0
8/5/2023 16:07	65604 QVIL_T2	1	26	25	0.3	0.39	0.09	1.69	1.71	0	0	0	0	0	0
8/5/2023 16:15	52401 GRPA_T2	1	4	3	0.7	0.2	-0.5	0	0	0	0	0	0	0	0
8/5/2023 16:19	65503 MOJO_T2	0	0	0	0	0	0	-0.37	-0.32	1	1	0	900	900	0
8/5/2023 16:42	41802 GOCI_T2	0	1	1	0	0	0	0	0	0	0	0	0	0	0
8/5/2023 16:43	52401 GRPA_T2	3	3	0	0.2	0.2	0	0	0	0	0	0	0	0	0
8/5/2023 16:44	45001 LIME_2	0	6	6	0	0	0	0	0	0	0	0	0	0	0
8/5/2023 17:10	51905 COPA_T1	1	1	0	1.4	0	-1.4	0	0	0	0	0	0	0	0
8/5/2023 17:36	60604 NCOL_T2	0	0	0	0	0	0	0.94	0.97	0	0	0	0	0	0
8/5/2023 17:44	57702 PAXT_T1	0	0	0	0	0	0	-0.79	-0.7	0	0	0	0	0	0
8/5/2023 17:49	57702 PAXT_T1	0	0	0	0	0	0	-0.75	-0.75	0	0	0	0	0	0
8/5/2023 20:06	41901 REED_T1	11	11	0	0.89	0.96	0.07	-3.69	-3.72	1	1	0	900	900	0
8/5/2023 20:10	20403 ASHF_T2	0	0	0	0	0	0	1.38	1.38	0	0	0	0	0	0
8/5/2023 20:15	17805 GILB_T2	3	59	56	0.1	0.21	0.11	0	0	0	0	0	0	0	0
8/5/2023 20:19	52502 PROG_T2	0	0	0	0	0	0	0.07	-0.03	1	1	0	900	900	0
8/5/2023 20:27	28604 BLYT_T2	1	1	0	0.1	0.1	0	-0.14	-0.16	0	0	0	0	0	0
8/5/2023 20:53	29401 BELT_T1	0	0	0	0	0	0	0	0	1	1	0	900	900	0
8/5/2023 21:07	66505 SMAN_T2	1	0	-1	0.1	0	-0.1	-0.13	-0.22	3	3	0	2100	2100	0
8/5/2023 21:22	47401 PENS_T1	3	1	-2	0.7	0	-0.7	0.08	0.06	0	0	0	0	0	0
8/5/2023 22:05	60801 BUCK_T1	20	47	27	0.28	0.37	0.09	0	0	0	0	0	0	0	0
8/5/2023 22:09	65604 QVIL_T2	0	0	0	0	0	0	1.25	1.23	0	0	0	0	0	0
8/5/2023 22:11	13704 SCHN_T2	0	0	0	0	0	0	0.17	0.45	0	0	0	0	0	0
8/5/2023 22:14	15001 BLMO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8/5/2023 22:16	56501 ROCK_T2	0	1	1	0	0.1	0.1	-2.41	-2.46	0	0	0	0	0	0
8/5/2023 22:17	52403 GRPA_T2	0	2	2	0	0.4	0.4	-1.05	-1.11	0	0	0	0	0	0
8/5/2023 22:17	41801 GOCI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8/5/2023 22:18	57702 PAXT_T1	0	0	0	0	0	0	0.44	0.37	0	0	0	0	0	0
8/6/2023 0:28	51904 COPA_T1	2	5	3	0.4	0.7	0.3	0	0	0	0	0	0	0	0
8/6/2023 0:28	56801 BENV_T1	10	21	11	0.94	0.92	-0.02	0	0	0	0	0	0	0	0
8/6/2023 0:28	44203 POIN_T2	0	0	0	0	0	0	-0.54	-0.64	2	2	0	1800	1800	0
8/6/2023 0:28	60803 BUCK_T1	0	0	0	0	0	0	-2.77	-2.78	1	1	0	600	600	0
8/6/2023 0:28	66505 SMAN_T2	0	0	0	0	0	0	0.06	-0.18	2	2	0	1500	1500	0
8/6/2023 0:28	46701 RENO_T1	0	5	5	0	0.1	0.1	0	0	0	0	0	0	0	0
8/6/2023 0:28	52403 GRPA_T2	0	0	0	0	0	0	-2.54	-2.45	0	0	0	0	0	0
8/6/2023 0:28	45001 LIME_2	14	29	15	0.15	0.36	0.21	0	0	0	0	0	0	0	0
8/6/2023 0:28	65603 QVIL_T2	1	1	0	8.7	8.5	-0.2	0	0	0	0	0	0	0	0
8/6/2023 0:28	45602 WOOL_T1	0	0	0	0	0	0	1.24	1.22	0	0	0	0	0	0
8/6/2023 0:28	12701 MACU_T1	0	0	0	0	0	0	-4.26	-4.31	2	2	0	2400	2400	0
8/6/2023 0:28	65902 SAKR_T2	0	0	0	0	0	0	0.15	0.02	0	0	0	0	0	0
8/6/2023 0:28	44801 EDAN_T2	1	1	0	0.2	0.4	0.2	0	0	0	0	0	0	0	0
8/6/2023 0:28	42002 MNVI_T2	1	1	0	2.4	2.4	0	0	0	0	0	0	0	0	0
8/6/2023 0:28	52402 GRPA_T2	1	2	1	3	1.95	-1.05	0	0	0	0	0	0	0	0
8/6/2023 0:28	25402 LAHA_T2	0	0	0	0	0	0	-1.59	-1.59	0	0	0	0	0	0
8/6/2023 0:28	65503 MOJO_T2	0	0	0	0	0	0	-1.54	-1.58	1	1	0	900	900	0
8/6/2023 0:28	66505 SMAN_T2	0	0	0	0	0	0	0.06	-0.18	2	2	0	1500	1500	0
8/6/2023 0:28	11104 EGYP_T1	0	0	0	0	0	0	1.2	1.09	0	0	0	0	0	0
8/6/2023 0:28	47401 PENS_T1	20	0	-20	0.14	0	-0.14	-0.94	-0.86	0	0	0	0	0	0
8/6/2023 0:28	60101 COCA_T1	0	0	0	0	0	0	0.9	0.92	0	0	0	0	0	0
8/6/2023 0:28	52502 PROG_T2	0	0	0	0	0	0	1.03	1.03	0	0	0	0	0	0
8/6/2023 0:28	15001 BLMO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8/6/2023 0:28	10805 CHHI_T2	1	1	0	8.1	8	-0.1	-4.05	-4.16	2	2	0	1200	1200	0
8/6/2023 0:28	67503 WEWI_T2	0	0	0	0	0	0	0.05	0	0	0	0	0	0	0
8/6/2023 0:28	60604 NCOL_T2	0	0	0	0	0	0	0.67	0.73	0	0	0	0	0	0
8/6/2023 0:28	48302 ORWI_T2	2	2	0	1.4	1.25	-0.15	-0.29	-0.32	0	0	0	0	0	0
8/6/2023 0:28	66703 STRA_T1	0	0	0	0	0	0	-0.29	-0.28	0	0	0	0	0	0
8/6/2023 0:28	58803 COCO_T1	2	2	0	1.75	2.1	0.35	-2	-2.05	0	0	0	0	0	0
8/6/2023 0:28	15601 NSTR_T2	3	3	0	0.53	0.67	0.14	0	0	0	0	0	0	0	0
8/6/2023 0:28	53501 EVIL_T2	1	1	0	0.4	0.7	0.3	-1.25	-1.3	0	0	0	0	0	0
8/6/2023 0:28	67602 WARW_T2	0	0	0	0	0	0	0.99	0.96	1	1	0	1200	1200	0
8/6/2023 0:28	25501 MADI_T1	0	0	0	0	0	0	0.77	0.74	0	0	0	0	0	0
8/6/2023 0:28	27101 GFLD_T2	1	1	0	0	0	0	0.72	0.7	0	0	0	0	0	0
8/6/2023 0:28	17805 GILB_T2	0	0	0	0	0	0	0.06	-0.01	0	0	0	0	0	0
8/6/2023 0:28	63403 HONY_T2	0	0	0	0	0	0	0.75	0.71	0	0	0	0	0	0
8/6/2023 0:28	28403 HART_T2	0	0	0	0	0	0	-1.97	-2.02	2	2	0	1800	1800	0
8/6/2023 0:28	29402 BELT_T1	31	21	-10	0.35	0.24	-0.11	0	0	0	0	0	0	0	0
8/6/2023 0:28	56504 ROCK_T2	0	0	0	0	0	0	0.03	-0.04	0	0	0	0	0	0
8/6/2023 0:28	42701 AUGU_T1	0	1	1	0	0.1	0.1	0	0	2	2	0	1800	1800	0
8/6/2023 0:28	45702 LIND_T2	0	0	0	0	0	0	-0.55	-0.54	0	0	0	0	0	0
8/6/2023 0:28	25801 SUTR_T2	0	0	0	0	0	0	0.15	0.14	0	0	0	0	0	0
8/6/2023 0:28	16302 ALPA_T2	0	0	0	0	0	0	1.44	1.47	0	0	0	0	0	0
8/6/2023 0:28	58402 MORO_T1	0	0	0	0	0	0	-2.16	-2.17	2	2	0	1500	1500	0
8/6/2023 0:28	59101 WALK_T2	1	1	0	0	0	0	8.88	2.55	4	4	0	1800	1800	0
8/6/2023 0:38	52404 GRPA_T2	0	1	1	0	0.1	0.1	-0.43	-0.46	0	0	0	0	0	0
8/6/2023 1:06	44502 HAMI_T2	1	1	0	3.2	3.4	0.2	-1.6	-1.62	0	0	0	0	0	0
8/6/2023 8:14	61505 EPET_T1	0	0	0	0	0	0	-1.89	-1.76	0	0	0	0	0	0
8/6/2023 8:18	58402 MORO_T1	0	0	0	0	0	0	-2.44	-2.47	2	2	0	1500	1500	0
8/6/2023 8:19	15202 SFAR_T1	0	0	0	0	0	0	-0.08	-0.05	0	0	0	0	0	0
8/6/2023 8:21	44901 SCOT_T2	0	0	0	0	0	0	-0.44	-0.44	0	0	0	0	0	0
8/6/2023 8:26	50105 HARR_T3	6	6	0	5.85	5.97	0.12	0	0	0	0	0	0	0	0
8/6/2023 8:37	59101 WALK_T2	1	1	0	0	0	0	2.54	3.09	0	0	0	0	0	0
8/6/2023 8:38	45901 AUBU_T1	0	0	0	0	0	0	1.74	1.74	0	0	0	0	0	0
8/6/2023 8:39	51904 COPA_T1	2	1	-1	0.1	0.4	0.3	0	0	0	0	0	0	0	0
8/6/2023 8:41	29402 BELT_T1	0	99	99	0	0.8	0.8	0	0	0	0	0	0	0	0
8/6/2023 8:52	13704 SCHN_T2	0	0	0	0	0	0	-0.31	-0.09	0	0	0	0	0	0
8/6/2023 9:04	60604 NCOL_T2	0	0	0	0	0	0	0.82	0.92	0	0	0	0	0	0
8/6/2023 9:09	45901 AUBU_T1	0	0	0	0	0	0	1.74	1.74	0	0	0	0	0	0
8/6/2023 9:13	40101 HUNT_T2	0	0	0	0	0	0	-1.17	-1.11	0	0	0	0	0	0
8/6/2023 9:19	48302 ORWI_T2	2	2	0	0.85	0.95	0.1	-0.16	-0.11	0	0	0	0	0	0
8/6/2023 9:24	29402 BELT_T1	49	50	1	0.48	0.57	0.09	0	0	0	0	0	0	0	0
8/6/2023 9:31	48302 ORWI_T2	2	2	0	0.65	0.95	0.3	-0.14	-0.08	0	0	0	0	0	0
8/6/2023 9:32	43202 MVIL_T2	0	0	0	0	0	0	-1.25	-1.25	0	0	0	0	0	0
8/6/2023 9:38	59101 WALK_T2	1	1	0	0	0	0	0.65	1.27	1	0	-1	450	0	-450
8/6/2023 9:39	58803 COCO_T1	2	2	0	1.85	1.4	-0.45	-1.64	-1.6	0	0	0	0	0	0
8/6/2023 9:41	47901 HRDG_T1	0	0	0	0	0	0	-0.01	-0.01	1	1	0	1200	1200	0
8/6/2023 9:46	40902 JESH_T1	0	0	0	0	0	0	-0.18	-0.15	1	1	0	600	600	0
8/6/2023 9:48	45003 LIME_2	2	7	5	1.25	1.4	0.15	0	0	0	0	0	0	0	0
8/6/2023 9:52	45902 AUBU_T1	0	0	0	0	0	0	-1.49	-1.7	1	1	0	600	600	0
8/6/2023 9:55	20401 ASHF_T2	1	1	0	0.4	0	-0.4	0	0	0	0	0	0	0	0
8/6/2023 10:00	64801 MONE_T2	0	0	0	0	0	0	1.34	1.39	0	0	0	0	0	0
8/6/2023 10:00	15604 NSTR_T1	0	0	0	0	0	0	0.58	0.6	0	0	0	0	0	0
8/6/2023 10:00	10602 BLGL_T2	1	1	0	9.3	9.6	0.3	0.87	0.95	0	0	0	0	0	0
8/6/2023 10:00	12604 MACA_T1	0	0	0	0	0	0	1.29	1.33	0	0	0	0	0	0
8/6/2023 10:00	20401 ASHF_T2	0	2	2	0	0	0	0.16	0.21	1	1	0	600	600	0
8/6/2023 10:00	65901 SAKR_T2	0	0	0	0	0	0	-2.21	-2.1	2	2	0	1500	1500	0
8/6/2023 10:00	13503 MCMI_T2	0	0	0	0	0	0	0.24	0.26	0	0	0	0	0	0
8/6/2023 10:00	47403 PENS_T1	1	1	0	2.4	2.3	-0.1	0	0	0	0	0	0	0	0
8/6/2023 10:00	56601 HAMP_T1	0	0	0	0	0	0	-0.03	-0.12	0	0	0	0	0	0
8/6/2023 10:00	67604 WARW_T1	0	0	0	0	0	0	0.41	0.46	0	0	0	0	0	0
8/6/2023 10:00	52503 PROG_T2	0	0	0	0	0	0	-0.9	-0.82	1	1	0	900	900	0
8/6/2023 10:06	42201 SHEN_T2	0	0	0	0	0	0	1.23	1.26	0	0	0	0	0	0
8/6/2023 10:06	41901 REED_T1	0	10	10	0	0.33	0.33	-3.76	-3.79	1	1	0	900	900	0
8/6/2023 10:07	52402 GRPA_T2	2	1	-1	1.25	1.9	0.65	0	0	0	0	0	0	0	0
8/6/2023 10:08	56801 BENV_T1	12	10	-2	0.59	0.35	-0.24	0	0	0	0	0	0	0	0
8/6/2023 10:08	66505 SMAN_T2	0	0	0	0	0	0	0.48	0.18	3	3	0	2100	2100	0
8/6/2023 10:12	52402 GRPA_T2	2	1	-1	1.25	1.9	0.65	0	0	0	0	0	0	0	0
8/6/2023 10:13	47901 HRDG_T1	0	0	0	0	0	0	-0.13	-0.23	1	1	0	1200	1200	0
8/6/2023 10:18	16402 MOPO_T1	0	1	1	0	0	0	-0.79	-0.75	0	0	0	0	0	0
8/6/2023 10:19	46701 RENO_T1	1	1	0	0.6	0.8	0.2	0	0	0	0	0	0	0	0
8/6/2023 10:19	47401 PENS_T1	7	0	-7	0.39	0	-0.39	0.13	0.09	0	0	0	0	0	0
8/6/2023 10:19	52502 PROG_T2	0	0	0	0	0	0	-0.56	-0.45	1	1	0	900	900	0
8/6/2023 10:21	50701 SMEC_T1	1	0	-1	0.1	0	-0.1	-2.77	-2.81	2	2	0	2100	2100	0
8/6/2023 10:22	29402 BELT_T1	2	16	14	0.2	0.24	0.04	0	0	0	0	0	0	0	0
8/6/2023 10:23	45602 WOOL_T1	0	0	0	0	0	0	1.52	1.53	0	0	0	0	0	0
8/6/2023 10:24	56803 BENV_T1	1	4	3	0.3	0.3	0	1.12	0.07	0	0	0	0	0	0
8/6/2023 10:27	45902 AUBU_T1	0	0	0	0	0	0	-1.73	-1.69	1	1	0	600	600	0
8/6/2023 10:28	17805 GILB_T2	0	0	0	0	0	0	0.45	0.51	0	0	0	0	0	0
8/6/2023 10:28	28403 HART_T2	0	0	0	0	0	0	-0.77	-0.71	1	1	0	900	900	0
8/6/2023 10:29	63402 HONY_T2	1	1	0	0.2	0.5	0.3	0	0	0	0	0	0	0	0
8/6/2023 10:35	66504 SMAN_T2	0	0	0	0	0	0	-3.38	-3.12	2	2	0	2400	2400	0
8/6/2023 10:37	67503 WEWI_T2	0	0	0	0	0	0	0.47	0.55	0	0	0	0	0	0
8/6/2023 10:37	29402 BELT_T1	16	4	-12	0.24	0.48	0.24	0	0	0	0	0	0	0	0
8/6/2023 10:38	16302 ALPA_T2	0	0	0	0	0	0	-0.82	-0.66	0	0	0	0	0	0
8/6/2023 10:39	15001 BLMO_T1	0	2	2	0	0	0	0	0	0	0	0	0	0	0
8/6/2023 10:40	28602 BLYT_T2	3	3	0	0.67	0.9	0.23	0	0	0	0	0	0	0	0
8/6/2023 10:42	52403 GRPA_T2	0	15	15	0	1.18	1.18	-0.51	-0.45	0	0	0	0	0	0
8/6/2023 10:46	13105 NHAM_T2	4	5	1	0.33	0.9	0.57	-1.38	0	1	1	0	1200	1200	0
8/6/2023 10:53	15001 BLMO_T1	0	3	3	0	1	1	0	0	0	0	0	0	0	0
8/6/2023 10:56	62604 ENGL_T1	0	0	0	0	0	0	-1.98	-1.91	1	1	0	600	600	0
8/6/2023 10:56	58803 COCO_T1	2	2	0	1.05	1.3	0.25	-1.17	-1.14	0	0	0	0	0	0
8/6/2023 10:57	28601 BLYT_T2	102	19	-83	0.3	0.17	-0.13	0	0	0	0	0	0	0	0
8/6/2023 11:00	22901 HARW_T1	1	1	0	1.2	0.1	-1.1	1.22	-1.26	1	1	0	1200	1200	0
8/6/2023 11:00	45702 LIND_T2	0	1	1	0	0.1	0.1	-0.37	-0.33	0	0	0	0	0	0
8/6/2023 11:01	25501 MADI_T1	1	1	0	0.5	0.1	-0.4	0.97	1.01	0	0	0	0	0	0
8/6/2023 11:02	47401 PENS_T1	0	1	1	0	0.2	0.2	0.29	0.22	0	0	0	0	0	0
8/6/2023 11:04	56504 ROCK_T2	0	0	0	0	0	0	0.42	0.49	0	0	0	0	0	0
8/6/2023 11:07	66505 SMAN_T2	0	0	0	0	0	0	0.46	0.2	4	4	0	2300	2300	0
8/6/2023 11:08	10805 CHHI_T2	3	4

Appendix C - Grid Benefits Achieved in Each Instance of Active Management

8/6/2023 14:33	12704 MACU_T1	0	5	5	0	0	0	0	0	0	0	0	0	0	0
8/6/2023 14:34	52502 PROG_T2	0	0	0	0	0	0	0.59	0.7	1	1	0	900	900	0
8/6/2023 14:37	45302 WBER_T2	4	3	-1	0.83	0.4	-0.43	2.92	2.92	0	0	0	0	0	0
8/6/2023 14:37	25801 SUTR_T2	0	2	2	0	0.5	0.5	-0.47	-0.45	0	0	0	0	0	0
8/6/2023 14:42	52401 GRPA_T2	7	35	28	0.36	0.24	-0.12	0	0	0	0	0	0	0	0
8/6/2023 14:43	53501 EVIL_T2	1	1	0	0.2	0.5	0.3	-0.14	-0.14	0	0	0	0	0	0
8/6/2023 14:47	12704 MACU_T1	0	7	7	0	0.56	0.56	0	0	0	0	0	0	0	0
8/6/2023 14:47	40603 PIGR_T1	9	16	7	0.44	0.5	0.06	0	0	0	0	0	0	0	0
8/6/2023 14:51	52502 PROG_T2	0	0	0	0	0	0	0.72	0.73	1	1	0	900	900	0
8/6/2023 14:55	59101 WALK_T2	166	9	-157	0.81	0.8	-0.01	0.91	0.74	3	3	0	1650	1650	0
8/6/2023 14:59	53502 EVIL_T2	0	1	1	0	0	0	0	0	0	0	0	0	0	0
8/6/2023 14:59	52401 GRPA_T2	7	63	56	0.24	0.43	0.19	0	0	0	0	0	0	0	0
8/6/2023 15:05	44203 POIN_T2	24	62	38	0.7	0.62	-0.08	1.1	1.13	1	1	0	900	900	0
8/6/2023 15:09	15001 BLMO_T1	2	5	3	0.25	0.1	-0.15	0	0	0	0	0	0	0	0
8/6/2023 15:15	44502 HAMI_T2	1	3	2	0.9	1	0.1	-0.64	-0.76	0	0	0	0	0	0
8/6/2023 15:20	65803 RTWN_T2	0	1	1	0	0.4	0.4	0	0	0	0	0	0	0	0
8/6/2023 15:28	52402 GRPA_T2	12	23	11	0.78	0.64	-0.14	0	0	0	0	0	0	0	0
8/6/2023 15:37	15703 TANN_T2	2	2	0	7.6	7.55	-0.05	0	0	0	0	0	0	0	0
8/6/2023 15:38	45302 WBER_T2	1	5	4	0.2	0.47	0.27	3	2.99	0	0	0	0	0	0
8/6/2023 15:43	52404 GRPA_T2	1	0	-1	0.3	0	-0.3	0	0	0	0	0	0	0	0
8/6/2023 15:58	10801 CHHI_T1	9	17	8	0.37	0.61	0.24	-1.62	-1.57	3	3	0	2100	2100	0
8/6/2023 16:02	64101 REFR_T1	10	11	1	1.2	1.07	-0.13	0.07	0.12	0	0	0	0	0	0
8/6/2023 16:04	61202 REIN_T1	0	0	0	0	0	0	0	0	1	1	0	900	900	0
8/6/2023 16:10	59101 WALK_T2	11	52	41	0.76	0.66	-0.1	1.53	1.54	3	3	0	1650	1650	0
8/6/2023 16:44	45802 HEGI_T2	0	1	1	0	0	0	0.88	0.94	0	0	0	0	0	0
8/6/2023 16:52	42701 AUGU_T1	39	54	15	0.53	0.53	0	0	0	2	2	0	1800	1800	0
8/6/2023 17:04	63203 MGTN_T1	0	0	0	0	0	0	-1.34	-1.35	1	2	1	600	1200	600
8/6/2023 17:06	67002 STHI_T2	0	0	0	0	0	0	-0.64	-0.64	1	1	0	600	600	0
8/6/2023 17:33	57702 PAXT_T1	0	0	0	0	0	0	-0.58	-0.61	0	0	0	0	0	0
8/6/2023 20:03	42201 SHEN_T2	0	0	0	0	0	0	0.37	0.36	1	1	0	600	600	0
8/6/2023 20:04	47401 PENS_T1	118	67	-51	1.3	0.53	-0.77	0.71	0.6	0	0	0	0	0	0
8/6/2023 20:05	41901 REED_T1	11	12	1	0.87	0.91	0.04	-2.83	-2.81	1	1	0	900	900	0
8/6/2023 20:07	56801 BENV_T1	11	14	3	0.97	0.51	-0.46	0	0	0	0	0	0	0	0
8/6/2023 20:07	66503 SMAN_T2	1	0	-1	0.5	0	-0.5	0	0	0	0	0	0	0	0
8/6/2023 20:16	52402 GRPA_T2	3	2	-1	1.57	1.75	0.18	0	0	0	0	0	0	0	0
8/6/2023 20:16	47901 HRDG_T1	0	0	0	0	0	0	-0.86	0.93	1	1	0	1200	1200	0
8/6/2023 20:17	46702 RENO_T1	1	1	0	0.3	0.2	-0.1	0.14	0.14	0	0	0	0	0	0
8/6/2023 20:18	52502 PROG_T2	0	0	0	0	0	0	0.4	0.36	1	1	0	900	900	0
8/6/2023 20:22	45602 WOOL_T1	0	0	0	0	0	0	2.06	2.01	0	0	0	0	0	0
8/6/2023 20:22	56803 BENV_T1	0	0	0	0	0	0	0.16	0.14	1	1	0	600	600	0
8/6/2023 20:25	45902 AUBU_T1	12	4	-8	0.19	0.1	-0.09	-1.19	-1.19	1	1	0	600	600	0
8/6/2023 20:28	63403 HONY_T2	0	0	0	0	0	0	-0.98	-1.02	0	0	0	0	0	0
8/6/2023 20:31	28403 HART_T2	0	0	0	1	0	0	-0.6	-0.63	1	1	0	900	900	0
8/6/2023 20:37	16302 ALPA_T2	0	0	0	0	0	0	-0.4	-0.48	0	0	0	0	0	0
8/6/2023 20:40	28601 BLYT_T2	96	118	22	0.27	0.33	0.06	0	0	0	0	0	0	0	0
8/6/2023 20:40	67503 WEWI_T2	0	2	2	0	0	0	1.02	1.01	0	0	0	0	0	0
8/6/2023 20:41	29402 BELT_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8/6/2023 20:46	52404 GRPA_T2	0	1	1	0	0.1	0.1	0	0	0	0	0	0	0	0
8/6/2023 20:49	13105 NHAM_T2	11	56	45	0.99	0.67	-0.32	-2.71	-1.82	1	1	0	1200	1200	0
8/6/2023 20:57	28602 BLYT_T2	0	1	1	0	0.6	0.6	0	0	0	0	0	0	0	0
8/6/2023 20:58	45702 LIND_T2	0	0	0	0	0	0	-0.16	-0.16	0	0	0	0	0	0
8/6/2023 20:59	62607 ENGL_T1	6	2	-4	0.38	0	-0.38	0	0	0	0	0	0	0	0
8/6/2023 21:06	47401 PENS_T1	5	6	1	0.96	0.5	-0.46	0.52	0.46	0	0	0	0	0	0
8/6/2023 21:07	60801 BUCK_T1	1	27	26	0.1	0.34	0.24	0	0	0	0	0	0	0	0
8/6/2023 21:12	10805 CHHI_T2	1	7	6	8.2	8.2	0	-2.97	-3.06	2	2	0	1800	1800	0
8/6/2023 21:13	41602 CLEV_T1	0	3	3	0	0	0	0	0	1	1	0	600	600	0
8/6/2023 21:13	47002 HUGH_T2	1	0	-1	0.1	0	-0.1	0	0	0	0	0	0	0	0
8/6/2023 21:14	40101 HUNT_T2	1	1	0	0.1	0.5	0.4	-1.92	-1.94	0	0	0	0	0	0
8/6/2023 21:21	65603 QVIL_T2	1	1	0	8.2	8.3	0.1	0	0	0	0	0	0	0	0
8/6/2023 21:23	10805 CHHI_T2	7	1	-6	2.41	8.1	5.69	-3.06	-3.26	2	2	0	1800	1800	0
8/6/2023 21:25	56504 ROCK_T2	0	0	0	0	0	0	-1.71	-1.76	0	0	0	0	0	0
8/6/2023 21:55	41801 GOCI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8/6/2023 21:56	47401 PENS_T1	0	0	0	0	0	0	0.47	0.39	0	0	0	0	0	0
8/6/2023 21:59	52401 GRPA_T2	1	0	-1	0.3	0	-0.3	-0.58	-0.61	0	0	0	0	0	0
8/6/2023 22:02	15703 TANN_T2	2	2	0	6.1	5.9	-0.2	0	0	0	0	0	0	0	0
8/6/2023 22:03	40602 PIGR_T1	0	0	0	0	0	0	-2.3	-2.44	1	1	0	600	600	0
8/6/2023 22:04	63203 MGTN_T1	0	0	0	0	0	0	-0.26	-0.28	1	1	0	600	600	0
8/6/2023 22:05	44502 HAMI_T2	1	1	0	2.8	3.1	0.3	-1.1	-1.13	0	0	0	0	0	0
8/6/2023 22:06	56501 ROCK_T2	0	0	0	0	0	0	-2.03	-2.12	0	0	0	0	0	0
8/6/2023 22:06	67002 STHI_T2	0	0	0	0	0	0	1.2	1.14	1	1	0	600	600	0
8/6/2023 22:06	57702 PAXT_T1	0	0	0	0	0	0	-1.23	-1.27	0	0	0	0	0	0
8/6/2023 22:06	61202 REIN_T1	0	5	5	0	0.28	0.28	0	0	1	1	0	900	900	0
8/6/2023 22:10	67602 WARW_T2	0	0	0	0	0	0	0.68	0.65	1	1	0	1200	1200	0
8/6/2023 22:14	15703 TANN_T2	2	2	0	6.1	5.9	-0.2	0	0	0	0	0	0	0	0
8/6/2023 22:15	12701 MACU_T1	0	0	0	0	0	0	-1.65	-1.69	1	1	0	1200	1200	0
8/6/2023 22:16	10801 CHHI_T1	0	0	0	0	0	0	-1.33	-1.34	2	2	0	1500	1500	0
8/7/2023 0:28	52403 GRPA_T2	1	0	-1	0.3	0	-0.3	0	0	0	0	0	0	0	0
8/7/2023 0:28	44502 HAMI_T2	1	1	0	3.2	3.1	-0.1	-1.31	-1.39	0	0	0	0	0	0
8/7/2023 0:28	44801 EDAN_T2	1	1	0	0.8	0.6	-0.2	0	0	0	0	0	0	0	0
8/7/2023 0:28	47401 PENS_T1	0	0	0	0	0	0	-0.1	-0.11	0	0	0	0	0	0
8/7/2023 0:28	16402 MOPO_T1	0	0	0	0	0	0	1.55	1.51	0	0	0	0	0	0
8/7/2023 0:28	61802 EELI_T2	8	8	0	0.71	0.38	-0.33	0	0	0	0	0	0	0	0
8/7/2023 0:28	27101 GFLD_T2	1	2	1	0	0	0	0.92	0.93	0	0	0	0	0	0
8/7/2023 0:28	66504 SMAN_T2	0	0	0	0	0	0	-4.46	-4.71	2	2	0	2400	2400	0
8/7/2023 0:28	17805 GILB_T2	0	0	0	0	0	0	0.29	0.26	0	0	0	0	0	0
8/7/2023 0:28	66703 STRA_T1	0	4	4	0	0.15	0.15	-0.19	-0.18	0	0	0	0	0	0
8/7/2023 0:28	45802 HEGI_T2	0	0	0	0	0	0	0.86	0.74	0	0	0	0	0	0
8/7/2023 0:28	22901 HARW_T1	0	0	0	0	0	0	-1.28	-1.26	1	1	0	1200	1200	0
8/7/2023 0:28	62604 ENGL_T1	0	0	0	0	0	0	-2.65	-2.39	1	1	0	600	600	0
8/7/2023 0:28	66504 SMAN_T2	0	0	0	0	0	0	-4.46	-4.71	2	2	0	2400	2400	0
8/7/2023 0:28	42001 MNVL_T2	0	0	0	0	0	0	0.66	0.65	0	0	0	0	0	0
8/7/2023 0:28	60801 BUCK_T1	10	52	42	0.14	0.33	0.19	0	0	0	0	0	0	0	0
8/7/2023 0:28	25501 MADI_T1	0	0	0	0	0	0	0.79	0.75	0	0	0	0	0	0
8/7/2023 0:28	51604 DUKE_T2	0	0	0	0	0	0	-2.73	-2.79	1	1	0	900	900	0
8/7/2023 0:28	58803 COCO_T1	2	2	0	1.4	1.65	0.25	-1.68	-1.71	0	0	0	0	0	0
8/7/2023 0:28	52502 PROG_T2	0	0	0	0	0	0	-1.13	-1.29	2	2	0	1800	1800	0
8/7/2023 0:28	15001 BLMO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8/7/2023 0:28	52403 GRPA_T2	1	0	-1	0.3	0	-0.3	0	0	0	0	0	0	0	0
8/7/2023 0:28	60101 COCA_T1	0	0	0	0	0	0	1.04	1.07	0	0	0	0	0	0
8/7/2023 0:28	57304 MOAL_T2	0	0	0	0	0	0	-0.35	-0.42	0	0	0	0	0	0
8/7/2023 0:28	50701 SMEC_T1	0	0	0	0	0	0	-0.89	-0.98	0	0	0	0	0	0
8/7/2023 0:28	44203 POIN_T2	0	0	0	0	0	0	0.68	0.54	1	1	0	900	900	0
8/7/2023 0:28	25801 SUTR_T2	0	0	0	0	0	0	0.38	0.36	0	0	0	0	0	0
8/7/2023 0:28	65503 MOIO_T2	0	0	0	0	0	0	-2.56	-2.67	2	2	0	1800	1800	0
8/7/2023 0:28	46302 ROHR_T1	2	3	1	0.95	0.7	-0.25	0.51	0.53	0	0	0	0	0	0
8/7/2023 0:28	53601 DALM_T2	2	2	0	4.1	3.85	-0.25	0.08	0.02	0	0	0	0	0	0
8/7/2023 0:28	12701 MACU_T1	0	0	0	0	0	0	-1.94	-1.96	1	1	0	1200	1200	0
8/7/2023 0:28	46702 RENO_T1	0	0	0	0	0	0	-0.02	-0.03	0	0	0	0	0	0
8/7/2023 0:28	65802 RTWN_T2	0	2	2	0	0.1	0.1	-2.45	-2.52	0	0	0	0	0	0
8/7/2023 0:28	64101 REFR_T1	0	0	0	0	0	0	1.83	1.75	0	0	0	0	0	0
8/7/2023 0:28	45302 WBER_T2	0	0	0	0	0	0	2.33	2.32	0	0	0	0	0	0
8/7/2023 0:28	59101 WALK_T2	1	1	0	0	0	0	5.61	6.92	3	3	0	1350	1350	0
8/7/2023 0:32	52403 GRPA_T2	0	0	0	0	0	0	-0.67	-0.69	0	0	0	0	0	0
8/7/2023 0:41	56501 ROCK_T2	0	3	3	0	0.23	0.23	0	0	0	0	0	0	0	0
8/7/2023 0:42	53501 EVIL_T2	1	1	0	0.3	0.3	0	-0.11	-0.12	0	0	0	0	0	0
8/7/2023 0:49	44203 POIN_T2	0	0	0	0	0	0	0.49	0.53	1	1	0	900	900	0
8/7/2023 1:51	53501 EVIL_T2	1	1	0	0.5	0.5	0	-0.2	-0.23	0	0	0	0	0	0
8/7/2023 1:52	53501 EVIL_T2	1	1	0	0.5	0.5	0	-0.2	-0.23	0	0	0	0	0	0
8/7/2023 7:55	45901 AUBU_T1	0	0	0	0	0	0	0.45	0.44	0	0	0	0	0	0
8/7/2023 7:57	45802 HEGI_T2	0	0	0	0	0	0	0.36	0.12	2	2	0	1200	1200	0
8/7/2023 8:05	65503 MOIO_T2	0	0	0	0	0	0	-0.46	-0.31	1	1	0	900	900	0
8/7/2023 8:09	51904 COPA_T1	4	5	1	0.35	0.68	0.33	0	0	0	0	0	0	0	0
8/7/2023 8:10	45902 AUBU_T1	0	0	0	0	0	0	-0.34	-0.35	1	1	0	600	600	0
8/7/2023 8:12	63804 HEMP_T1	1	1	0	6.3	6.2	-0.1	0	0	0	0	0	0	0	0
8/7/2023 8:15	65503 MOIO_T2	0	0	0	0	0	0	-0.46	-0.31	1	1	0	900	900	0
8/7/2023 8:16	58402 MORO_T1	0	0	0	0	0	0	-3.43	-3.44	3	3	0	2400	2400	0
8/7/2023 8:16	50106 HARR_T3	1	1	0	0	0	0	0	0	0	0	0	0	0	0
8/7/2023 8:20	67002 STHI_T2	0	0	0	0	0	0	2.2	2.13	0	0	0	0	0	0
8/7/2023 8:25	45901 AUBU_T1	0	0	0	0	0	0	0.42	0.55	0	0	0	0	0	0
8/7/2023 8:30	63804 HEMP_T1	1	1	0	6.2	6.3	0.1	0	0	0	0	0	0	0	0
8/7/2023 8:42	53601 DALM_T2	1	2	1	0.7	0.1	-0.6	-0.37	-0.38	1	1	0	900	900	0
8/7/2023 8:43	52402 GRPA_T2	2	1	-1	1.8	3.4	1.6	0	0	0	0	0	0	0	0
8/7/2023 8:49	58402 MORO_T1	0	0	0	0	0	0	-3.35	-3.23	3	3	0	2400	2400	0
8/7/2023 9:02	64702 LITI_T2	0	0	0	0	0	0	-0.52	-0.11	0	0	0	0	0	0
8/7/2023 9:08	67204 TEHI_T2	0	0	0	0	0	0	-0.31	-0.34	0	0	0	0	0	0
8/7/2023 9:19	48302 ORWI_T2	2	2	0	1.1	1.15	0.05	0.09	0.11	0	0	0	0	0	0
8/7/2023 9:27	44502 HAMI_T2	1	1	0	1.7	2.1	0.4	-0.87	-0.9	0	0	0	0	0	0
8/7/2023 9:30	42001 MNVL_T2	0	0	0	0	0	0	0.92	0.97	0	0	0	0	0	0
8/7/2023 9:31	45003 LIME_2	5	3	-2	0.62	1.25	0.63	0	0	1	1	0	1200	1200	0
8/7/2023 9:38	59101 WALK_T2	1	2	1	0	0.3	0.3	2.87	3.07	2	2	0	1050	1050	0
8/7/2023 9:46	43202 MVIL_T2	0	2	2	0	0	0	-0.88	-0.84	0	0	0	0	0	0
8/7/2023 9:51	67204 TEHI_T2	0	0	0	0	0	0	-0.27	-0.28	0	0	0	0	0	0
8/7/2023 9:52	20403 ASHF_T2	2	0	-2	0.1	0	-0.1	3.33	3.09	0	0	0	0	0	0
8/7/2023 9:54	43304 WATS_T2	0	0	0	0	0	0	-0.22	-0.14	0	0	0	0	0	0
8/7/2023 10:00	41901 REED_T1	4	2	-2	0.25	0.3	0.05	-1.87	-1.83	1	1	0	900	900	0
8/7/2023 10:00	15604 NSTR_T1	0	0	0	0	0	0	0.51	0.56	0	0	0	0	0	0
8/7/2023 10:00	20401 ASHF_T2	1	0	-1	0.2	0	-0.2	0.27	0.55	1	1	0	600	600	0
8/7/2023 10:00	65903 SAKR_T2	0	1	1	0	0	0	0	0	0	0	0	0	0	0
8/7/2023 10:00	67604 WARW_T1	0	0	0	0	0	0	0.59	0.62	0	0	0	0	0	0
8/7/2023 10:00	52404 GRPA_T2	0	4	4	0	0	0	0	0	0	0	0	0	0	0
8/7/2023 10:00	56601 HAMP_T1	0	0	0	0	0	0	-0.32	-0.51	0	0	0	0	0	0
8/7/2023 10:00	66505 SMAN_T2	1	3	2	0.2	0.35	0.15	0.89	1.16	3	3	0	2100	2100	0
8/7/2023 10:00	58803 COCO_T1	2	2	0	2.6	2.5	-0.1	-1.5	-1.49	0	0	0	0	0	0
8/7/2023 10:00	12604 MACA_T1	0	0	0	0	0	0	1.2	1.23	0	0	0	0	0	0
8/7/2023 10:00	64801 MONE_T2	0	0	0	0	0	0	1.28	1.3	0	0	0	0	0	0
8/7/2023 10:00	53502 EVIL_T2	0	2	2	0	0	0	0	0	0	0	0	0	0	0
8/7/2023 10:00	52503 PROG_T2	0	0	0	0	0	0	-0.77	-0.75	1	1	0	900	900	0
8/7/2023 10:00	10602 BLGI_T2	1	4	3	8.1	4	-4.1	3.38	3.39	0	0	0	0	0	0
8/7/2023 10:01	52401 GRPA_T2	0	0	0	0	0	0	-0.79	-0.75	0	0	0	0	0	0
8/7/2023 10:09	56802 BENV_T2	0	0	0	0	0	0	-0.62	-0.59	0	0	0	0	0	0
8/7/2023 10:09	15001 BLMO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8/7/2023 10:12	63403 HONY_T2	0	0	0	0	0	0	0.93	0.94	1	1	0	600	600	0
8/7/2023 10:14	52403 GRPA_T2	0	7	7	0	0.28	0.28	-0.26	-0.19	0	0	0	0	0	0
8/7/2023 10:14	17804 GILB_T2	0	0	0	0	0	0	-0.9	-0.9	0	0	0	0	0	0
8/7/2023 10:15	13503 MCMI_T2	0	0	0	0	0	0	0.18	0.16	0	0	0	0	0	0
8/7/2023 10:16	45702 LIND_T2	0	0	0	0	0	0	-0.15	-0.03	0	0	0	0	0	0
8/7/2023 10:17	52502 PROG_T2	0	0	0	0	0	0	-0.51	-0.47	1	1	0	900	900	0
8/7/2023 10:19	46301 ROHR_T1	0	1	1	0	0.4	0.4	0	0	0	0	0	0	0	0
8/7/2023 10:22	42701 AUGU_T1	1	2	1	0.3	0.45	0.15	0	0	2	2	0	1800	1800	0
8/7/2023 10:22	56802 BENV_T2	0	0	0	0	0	0	-0.59	-0.58	0	0	0	0	0	0
8/7/2023 10:22	45602 WOOL_T1	0	0	0	0	0	0	1.93	1.93	0	0	0	0	0	0
8/7/2023 10:23	28403 HART_T2	0	0	0	0	0	0	-0.97	-0.94	1	1	0	900	900	0
8/7/2023 10:23	58803 COCO_T1	2	2	0	2.5	2.3	-0.2	-1.31	-1.44	0	0	0	0	0	0
8/7/2023 10:25	15001 BLMO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8/7/2023 10:27	17805 GILB_T2	0	0	0	0	0	0	0.83	0.9	0	0	0	0	0	0
8/7/2023 10:28	47901 HRDG_T1	1	0	-1	0.6	0	-0.6	-0.59	1.47	1	0	-1	1200	0	-1200
8/7/2023 10:29	52404 GRPA_T2	4	0	-4	0.7	0	-0.7	0.85	1.09	0	0	0	0	0	0
8/7/2023 10:32	66505 SMAN_T2	2	1	-1	0.35	0.3	-0.05	0.91	0.41	4	4	0	2300	2300	0
8/7/2023 10:34	59202 THOM_T1	0	5	5

8/7/2023 13:14	11101 EGYP_T1	0	1	1	0	0.3	0.3	0	0	0	1	1	0	0
8/7/2023 13:18	66901 SHIL_T2	0	0	0	0	0	0	-1.56	-1.42	2	2	0	2400	2400	0
8/7/2023 13:24	29401 BELT_T1	18	20	2	0.14	0.16	0.02	0	0	0	0	0	0	0	0
8/7/2023 13:36	47401 PENS_T1	59	105	46	0.46	0.89	0.43	1.86	1.93	0	0	0	0	0	0
8/7/2023 13:37	29401 BELT_T1	20	8	-12	0.16	0.16	0	0	0	0	0	0	0	0	0
8/7/2023 13:50	13704 SCHN_T2	0	0	0	0	0	0	0.83	0.85	0	0	0	0	0	0
8/7/2023 13:55	53501 EVIL_T2	7	6	-1	0.71	0.33	-0.38	-1.47	-1.97	8	8	0	5400	5400	0
8/7/2023 13:57	11102 EGYP_T1	1	3	2	0.7	0.7	0	0	0	0	0	0	0	0	0
8/7/2023 14:03	45003 LIME_2	47	54	7	0.7	0.69	-0.01	0	0	2	2	0	2400	2400	0
8/7/2023 14:16	48302 ORWI_T2	2	6	4	0.4	0.5	0.1	0.62	0.62	0	0	0	0	0	0
8/7/2023 14:17	12701 MACU_T1	0	0	0	0	0	0	-1.51	-1.49	2	2	0	2400	2400	0
8/7/2023 14:17	65602 QVIL_T2	2	2	0	0.4	0.65	0.25	0	0	0	0	0	0	0	0
8/7/2023 14:21	55101 WERT_T1	8	20	12	0.31	0.56	0.25	-1.85	-1.34	8	8	0	6600	6600	0
8/7/2023 14:24	56801 BENV_T1	14	11	-3	0.54	0.67	0.13	0	0	0	0	0	0	0	0
8/7/2023 14:26	49803 UNIV_T1	1	1	0	0.2	0.5	0.3	0	0	0	0	0	0	0	0
8/7/2023 14:26	29401 BELT_T1	1	1	0	0.1	0.1	0	0	0	0	0	0	0	0	0
8/7/2023 14:30	45001 LIME_2	60	65	5	0.54	0.45	-0.09	0	0	0	0	0	0	0	0
8/7/2023 14:31	64801 MONE_T2	0	1	1	0	0.3	0.3	0.24	0.28	0	0	0	0	0	0
8/7/2023 14:31	42902 MIDD_T2	4	27	23	0.6	0.86	0.26	-0.52	-0.52	2	2	0	1200	1200	0
8/7/2023 14:33	65604 QVIL_T2	0	0	0	0	0	0	0.72	0.73	0	0	0	0	0	0
8/7/2023 14:36	67503 WEWI_T2	3	2	-1	0.4	0.3	-0.1	0.71	0.72	0	0	0	0	0	0
8/7/2023 14:37	56803 BENV_T1	5	4	-1	1.68	0.67	-1.01	0.86	0.84	2	2	0	1200	1200	0
8/7/2023 14:39	60803 BUCK_T1	1	1	0	1.2	0.2	-1	-0.82	-0.76	2	2	0	1200	1200	0
8/7/2023 14:39	56802 BENV_T2	0	0	0	0	0	0	-1.21	-1.19	0	0	0	0	0	0
8/7/2023 14:41	53601 DALM_T2	2	4	2	0.5	0.15	-0.35	-0.97	-0.63	4	4	0	3000	3000	0
8/7/2023 14:43	44505 HAMI_T2	42	33	-9	0.71	0.6	-0.11	0	0	0	0	0	0	0	0
8/7/2023 14:46	57303 MOAL_T2	1	1	0	7.2	7.1	-0.1	0	0	0	0	0	0	0	0
8/7/2023 14:47	65902 SAKR_T2	0	0	0	0	0	0	-1.02	-1.03	4	4	0	2400	2400	0
8/7/2023 14:52	55101 WERT_T1	20	2	-18	0.51	0	-0.51	-1.47	-1.64	8	8	0	6600	6600	0
8/7/2023 14:58	56501 ROCK_T2	0	0	0	0	0	0	-2.27	-2.29	0	0	0	0	0	0
8/7/2023 15:01	40901 JESH_T1	1	1	0	0.6	0.6	0	0	0	0	0	0	0	0	0
8/7/2023 15:02	52502 PROG_T2	0	0	0	0	0	0	0.58	0.58	2	2	0	1800	1800	0
8/7/2023 15:04	57303 MOAL_T2	1	1	0	7.3	7	-0.3	0	0	0	0	0	0	0	0
8/7/2023 15:05	46701 RENO_T1	0	1	1	0	0.1	0.1	0	0	0	0	0	0	0	0
8/7/2023 15:08	56504 ROCK_T2	0	0	0	0	0	0	-0.99	1.29	0	0	0	0	0	0
8/7/2023 15:13	60504 NMAN_T2	1	1	0	0.2	0	-0.2	0	0	0	0	0	0	0	0
8/7/2023 15:13	40902 JESH_T1	0	0	0	0	0	0	0.36	0.02	6	6	0	3600	3600	0
8/7/2023 15:15	27102 GFLD_T2	0	1	1	0	0.1	0.1	0	0	0	0	0	0	0	0
8/7/2023 15:30	16402 MOPO_T1	0	0	0	0	0	0	-0.31	-0.17	0	0	0	0	0	0
8/7/2023 15:34	64101 REFR_T1	14	6	-8	0.42	0.65	0.23	0.33	0.33	0	0	0	0	0	0
8/7/2023 15:36	59402 RFLD_T2	0	0	0	0	0	0	-2.93	-2.85	2	2	0	900	900	0
8/7/2023 15:41	62105 ELAN_T1	1	2	1	0.2	0.3	0.1	2.6	2.66	0	0	0	0	0	0
8/7/2023 15:53	40101 HUNT_T2	11	117	106	0.41	0.48	0.07	-2.22	-2.23	0	0	0	0	0	0
8/7/2023 15:54	56801 BENV_T1	9	8	-1	0.38	0.36	-0.02	-0.13	-0.16	2	2	0	1200	1200	0
8/7/2023 16:02	59101 WALK_T2	1	8	7	0	0.47	0.47	0.44	0.74	8	6	-2	4500	3300	-1200
8/7/2023 16:06	60502 NMAN_T2	0	0	0	0	0	0	0.13	-0.05	0	0	0	0	0	0
8/7/2023 16:08	67602 WARW_T2	0	0	0	0	0	0	0.87	0.82	4	4	0	3000	3000	0
8/7/2023 16:23	43304 WATS_T2	22	5	-17	0.65	0.2	-0.45	-0.41	-0.52	2	2	0	1200	1200	0
8/7/2023 16:37	65901 SAKR_T2	0	0	0	0	0	0	-0.51	-0.87	4	4	0	3000	3000	0
8/7/2023 16:50	45302 WBER_T2	3	4	1	0.53	0	-0.53	1.46	1.42	0	0	0	0	0	0
8/7/2023 16:50	53501 EVIL_T2	0	1	1	0	0.1	0.1	-3.96	-4.02	8	8	0	5400	5400	0
8/7/2023 16:51	62605 ENGL_T1	0	0	0	0	0	0	-0.02	-0.02	0	0	0	0	0	0
8/7/2023 16:54	45003 LIME_2	1	9	8	2.6	1.15	-1.45	0	0	2	2	0	2400	2400	0
8/7/2023 17:00	45003 LIME_2	1	2	1	1.1	1.15	0.05	0	0	2	2	0	2400	2400	0
8/7/2023 17:12	61505 EPET_T1	0	0	0	0	0	0	0.38	0.34	0	0	0	0	0	0
8/7/2023 17:16	60604 NCOL_T2	0	0	0	0	0	0	1.03	0.96	0	0	0	0	0	0
8/7/2023 17:20	45302 WBER_T2	3	11	8	0.23	0	-0.23	1.39	1.35	0	0	0	0	0	0
8/7/2023 17:35	57702 PAXT_T1	0	0	0	0	0	0	-0.93	-0.98	0	0	0	0	0	0
8/7/2023 17:48	60801 BUCK_T1	0	79	79	0	0.55	0.55	0	0	0	0	0	0	0	0
8/7/2023 17:51	60801 BUCK_T1	0	79	79	0	0.55	0.55	0	0	0	0	0	0	0	0
8/7/2023 17:55	44502 HAMI_T2	1	1	0	2.5	2.4	-0.1	-0.96	-0.97	0	0	0	0	0	0
8/7/2023 17:58	65603 QVIL_T2	0	4	4	0	7.4	7.4	0	0	0	0	0	0	0	0
8/7/2023 18:00	10602 BLGL_T2	0	0	0	0	0	0	0.82	0.81	0	0	0	0	0	0
8/7/2023 18:01	49804 UNIV_T1	0	1	1	0	0	0	0	0	0	0	0	0	0	0
8/7/2023 18:03	64801 MONE_T2	0	0	0	0	0	0	1.68	-0.01	0	0	0	0	0	0
8/7/2023 18:10	67602 WARW_T2	1	0	-1	0.3	0	-0.3	0.92	1.25	4	0	-4	3000	0	-3000
8/7/2023 19:26	17805 GILB_T2	0	1	1	0	0.7	0.7	-0.4	0.45	0	0	0	0	0	0
8/7/2023 19:26	29402 BELT_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8/7/2023 19:26	17803 GILB_T2	1	1394	1393	0.2	1.1	0.9	0	0	0	0	0	0	0	0
8/7/2023 19:31	59402 RFLD_T2	0	0	0	0	0	0	-0.95	-0.97	1	1	0	450	450	0
8/7/2023 19:40	13704 SCHN_T2	4	0	-4	0.33	0	-0.33	0.39	0.37	0	0	0	0	0	0
8/7/2023 19:43	15001 BLMO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8/7/2023 19:44	15001 BLMO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8/7/2023 20:03	16302 ALPA_T2	0	0	0	0	0	0	-0.07	-0.12	0	0	0	0	0	0
8/7/2023 20:03	41902 REED_T1	0	1	1	0	0	0	0	0	0	0	0	0	0	0
8/7/2023 20:10	56802 BENV_T2	13	12	-1	0.28	0.3	0.02	-0.98	-1	0	0	0	0	0	0
8/7/2023 20:15	63403 HONY_T2	0	0	0	0	0	0	-0.22	-0.1	0	0	0	0	0	0
8/7/2023 20:16	66505 SMAN_T2	0	0	0	0	0	0	0.32	0.31	2	2	0	1500	1500	0
8/7/2023 20:16	52401 GRPA_T2	0	1	1	0	0.2	0.2	0	0	0	0	0	0	0	0
8/7/2023 20:18	45702 LIND_T2	0	0	0	0	0	0	-0.24	-0.26	0	0	0	0	0	0
8/7/2023 20:19	13503 MCMI_T2	0	0	0	0	0	0	0.26	0.26	0	0	0	0	0	0
8/7/2023 20:20	46301 ROHR_T1	0	6	6	0	0.5	0.5	0	0	0	0	0	0	0	0
8/7/2023 20:23	45602 WOOL_T1	0	1	1	0	0.1	0.1	0.97	0.96	0	0	0	0	0	0
8/7/2023 20:24	28403 HART_T2	0	0	0	0	0	0	-0.39	-0.4	1	1	0	900	900	0
8/7/2023 20:26	52404 GRPA_T2	0	1	1	0	0.2	0.2	0.22	0.19	0	0	0	0	0	0
8/7/2023 20:26	42701 AUGU_T1	1	1	0	0.4	0.8	0.4	0	0	2	2	0	1800	1800	0
8/7/2023 20:27	58803 COCO_T1	2	2	0	2.3	2.3	0	-0.66	-0.67	0	0	0	0	0	0
8/7/2023 20:29	47901 HRDG_T1	0	0	0	0	0	0	1.13	1.4	1	1	0	1200	1200	0
8/7/2023 20:34	66703 STRA_T1	0	0	0	0	0	0	0.12	0.1	0	0	0	0	0	0
8/7/2023 20:36	15703 TANN_T2	2	2	0	6.45	6.45	0	0	0	0	0	0	0	0	0
8/7/2023 20:39	59202 THOM_T1	1	2	1	3.4	0.1	-3.3	0	0	0	0	0	0	0	0
8/7/2023 20:40	53502 EVIL_T2	0	1	1	0	0	0	0	0	0	0	0	0	0	0
8/7/2023 20:49	28604 BLYT_T2	26	25	-1	0.18	0.17	-0.01	0.04	0.03	0	0	0	0	0	0
8/7/2023 20:51	11104 EGYP_T1	0	5	5	0	0	0	0.55	0.53	0	0	0	0	0	0
8/7/2023 20:52	55101 WERT_T1	0	0	0	0	0	0	-1.84	-1.76	3	3	0	2400	2400	0
8/7/2023 20:53	15001 BLMO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8/7/2023 20:54	29402 BELT_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8/7/2023 20:59	53501 EVIL_T2	0	0	0	0	0	0	-0.92	-0.91	2	2	0	1200	1200	0
8/7/2023 21:00	11104 EGYP_T1	5	0	-5	0.4	0	-0.4	0.55	0.53	0	0	0	0	0	0
8/7/2023 21:07	10805 CHHI_T2	10	10	0	1.62	1.48	-0.14	-0.42	-0.45	1	1	0	600	600	0
8/7/2023 21:09	40101 HUNT_T2	0	0	0	0	0	0	-0.98	-1	0	0	0	0	0	0
8/7/2023 21:09	10805 CHHI_T2	10	10	0	1.62	1.48	-0.14	-0.42	-0.45	1	1	0	600	600	0
8/7/2023 21:10	55101 WERT_T1	0	0	0	0	0	0	-1.76	-1.82	3	3	0	2400	2400	0
8/7/2023 21:19	52502 PROG_T2	0	0	0	0	0	0	-0.23	-0.25	1	1	0	900	900	0
8/7/2023 21:20	47401 PENS_T1	0	0	0	0	0	0	0.08	0.07	0	0	0	0	0	0
8/7/2023 21:21	59101 WALK_T2	1	1	0	0	0	0	0.77	0.83	2	2	0	1050	1050	0
8/7/2023 21:41	15702 TANN_T2	0	0	0	0	0	0	0.75	0.73	0	0	0	0	0	0
8/7/2023 22:06	45303 WBER_T2	7	8	1	0.2	0.34	0.14	0	0	0	0	0	0	0	0
8/7/2023 22:08	45902 AUBU_T1	0	0	0	0	0	0	-0.76	-0.72	1	1	0	600	600	0
8/7/2023 22:09	40101 HUNT_T2	3	30	27	0.57	0.27	-0.3	-1.04	-1.05	0	0	0	0	0	0
8/7/2023 22:13	65901 SAKR_T2	0	0	0	0	0	0	-0.62	-0.62	1	1	0	900	900	0
8/7/2023 22:14	48302 ORWI_T2	2	2	0	1.75	1.45	-0.3	-0.06	-0.08	0	0	0	0	0	0
8/7/2023 22:15	45302 WBER_T2	0	0	0	0	0	0	1.17	1.18	0	0	0	0	0	0
8/7/2023 22:17	61505 EPET_T1	0	0	0	0	0	0	-0.49	-0.54	0	0	0	0	0	0
8/7/2023 22:18	47401 PENS_T1	0	0	0	0	0	0	-0.03	-0.01	0	0	0	0	0	0
8/7/2023 22:19	42902 MIDD_T2	0	0	0	0	0	0	-0.06	-0.06	0	0	0	0	0	0
8/7/2023 22:19	65902 SAKR_T2	0	0	0	0	0	0	-0.17	-0.5	0	1	1	0	300	300
8/7/2023 22:24	55101 WERT_T1	0	0	0	0	0	0	-1.09	-1.12	2	2	0	1500	1500	0
8/8/2023 0:28	52402 GRPA_T2	1	2	1	3.4	2	-1.4	0	0	0	0	0	0	0	0
8/8/2023 0:28	60101 COCA_T1	0	0	0	0	0	0	0.47	0.46	0	0	0	0	0	0
8/8/2023 0:28	56801 BENV_T1	17	25	8	0.88	1	0.12	-0.65	-0.67	1	1	0	600	600	0
8/8/2023 0:28	52401 GRPA_T2	0	1	1	0.3	0.3	0.3	-0.89	-0.91	0	0	0	0	0	0
8/8/2023 0:28	67503 WEWI_T2	0	0	0	0	0	0	-0.17	-0.22	0	0	0	0	0	0
8/8/2023 0:28	52502 PROG_T2	0	0	0	0	0	0	0.9	0.89	0	0	0	0	0	0
8/8/2023 0:28	53903 HAU_T2	2	2	0	0.85	0.9	0.05	-0.06	-0.07	0	0	0	0	0	0
8/8/2023 0:28	57304 MOAL_T2	0	0	0	0	0	0	-0.8	-0.88	0	0	0	0	0	0
8/8/2023 0:28	42701 AUGU_T1	1	1	0	1.3	0.5	-0.8	0	0	2	2	0	1800	1800	0
8/8/2023 0:28	46702 RENO_T1	0	0	0	0	0	0	-0.02	-0.02	0	0	0	0	0	0
8/8/2023 0:28	64305 LINC_T1	2	2	0	0.15	0.25	0.1	0	0	0	0	0	0	0	0
8/8/2023 0:28	60502 NMAN_T2	1	1	0	0.2	0.5	0.3	-0.36	-0.39	0	0	0	0	0	0
8/8/2023 0:28	56802 BENV_T2	1	1	0	0.1	0.5	0.4	-3.59	-3.65	0	0	0	0	0	0
8/8/2023 0:28	12701 MACU_T1	0	0	0	0	0	0	-1.13	-1.14	1	1	0	1200	1200	0
8/8/2023 0:28	45001 LIME_2	9	9	0	0.18	0.18	0	0	0	0	0	0	0	0	0
8/8/2023 0:28	47401 PENS_T1	0	0	0	0	0	0	2.22	2.2	0	0	0	0	0	0
8/8/2023 0:28	56801 BENV_T1	17	25	8	0.88	1	0.12	-0.65	-0.67	1	1	0	600	600	0
8/8/2023 0:28	43304 WATS_T2	0	0	0	0	0	0	-0.78	-0.8	0	0	0	0	0	0
8/8/2023 0:28	62604 ENGL_T1	0	0	0	0	0	0	-0.59	-0.58	0	0	0	0	0	0
8/8/2023 0:28	55101 WERT_T1	0	0	0	0	0	0	-1.3	-1.3	2	2	0	1500	1500	0
8/8/2023 0:28	57702 PAXT_T1	0	0	0	0	0	0	0.06	0.04	0	0	0	0	0	0
8/8/2023 0:28	59101 WALK_T2	1	1	0	0	0	0	-0.1	-0.05	0	0	0	0	0	0
8/8/2023 0:28	27101 GFLD_T2	1	1	0	0	0	0	0.45	0.45	0	0	0	0	0	0
8/8/2023 0:28	56501 ROCK_T2	3	8	5	0.43	0.44	0.01	-1.41	-1.42	0	0	0	0	0	0
8/8/2023 0:28	65604 QVIL_T2	0	0	0	0	0	0	0.85	0.83	0	0	0	0	0	0
8/8/2023 0:28	25801 SUTR_T2	0	0	0	0	0	0	0.12	0.11	0	0	0	0	0	0
8/8/2023 0:28	60604 NCOL_T2	0	0	0	0	0	0	0.38	0.35	0	0	0	0	0	0
8/8/2023 0:28	53601 DALM_T2	1	1	0	0.5	0.6	0.1	0.33	0.36	1	1	0	600	600	0
8/8/2023 0:28	64101 REFR_T1	0	0	0	0	0	0	0.3	0.29	0	0	0	0	0	0
8/8/2023 0:28	40902 JESH_T1	0	0	0	0	0	0	-0.13	-0.13	1	1	0	600	600	0
8/8/2023 0:28	66505 SMAN_T2	0	0	0	0	0	0	0.47	0.32	1	1	0	900	900	0
8/8/2023 0:28	40101 HUNT_T2	2	28	26	1	0.25	-0.75	-0.5	-0.5	0	0	0	0	0	0
8/8/2023 0:28	58803 COCO_T1	2	2	0	2.3	2.55	0.25	-1.11	-1.12	0	0	0	0	0	0
8/8/2023 0:37	56501 ROCK_T2	7	9	2	0.43	0.48	0.05	0	0	0	0	0	0	0	0
8/8/2023 8:09	51906 COPA_T1	0	0	0	0	0	0	-0.76	-0.83	2	2	0	1500	1500	0
8/8/2023 8:10	45901 AUBU_T1	0	0	0	0	0	0	0.28	0.36	0	0	0	0	0	0
8/8/2023 8:17	13704 SCHN_T2	0	0	0	0	0	0	0.06	0.07	0	0	0	0	0	0
8/8/2023 8:24	45901 AUBU_T1	0	0	0	0	0	0	0.36	0.36	0	0	0	0	0	0
8/8/2023 8:31	64702 LITI_T2	0	0	0	0	0	0	-0.28	-0.29	0	0	0	0	0	0
8/8/2023 8:34	58402 MORO_T1	0	0	0	0	0	0	-1.61	-1.62	3	3	0	2400	2400	0
8/8/2023 8:38	53601 DALM_T2	1	1	0	0.5	0.8	0.3	0.02	-0.76	0	1	1	0	900	900
8/8/2023 8:47	58402 MORO_T1	0	0	0	0	0	0	-1.62	-1.63	3	3	0	2400	2400	0
8/8/2023 8:57	64702 LITI_T2	0	0	0	0	0	0	-0.23	-0.26	0	0	0	0	0	0
8/8/2023 9:05	67204 TEHI_T2	0	0	0	0	0	0	-0.26	-0.25	0	0	0	0	0	0
8/8/2023 9:25	56802 BENV_T2	1	1	0	1.2	1	-0.2	-1.16	-1.15	0	0	0	0	0	0
8/8/2023 9:30	43202 MVIL_T2	0	0	0	0	0	0	-0.54	-0.53	0	0	0	0	0	0
8/8/2023 9:31	42002 MNVL_T2	1	1	0	3.4	3.5	0.1	0	0	0	0	0	0	0	0
8/8/2023 9:36	45902 AUBU_T1	0	0	0	0	0	0	-0.04	-0.07	1	1	0	600	600	0
8/8/2023 9:37	59101 WALK_T2	1	1	0	0	0	0	0.7	1.07	0	0	0	0	0	0
8/8/2023 9:41	56802 BENV_T2	1	1	0	1	0.8	-0.2	-1.15	-1.13	0	0	0	0	0	0
8/8/2023 9:42	40101 HUNT_T2	0	2	2	0	0	0	-0.4	-0.3	0	0	0	0	0	0
8/8/2023 9:44	45802 HEGI_T2	0	1	1	0	0	0	-0.21	0.65	2	2	0	1200	1200	0
8/8/2023 9:46	47901 HRDG_T1	0	0	0	0	0	0	0.61	0.57	1	1	0	1200	1200	0
8/8/2023 9:52	20401 ASHF_T2	1	0	-1	0.1	0	-0.1	0	0	0	0	0	0	0	0
8/8/2023 9:53	58803 COCO_T1	2	2	0	0.85	0.75	-0.1	0.23	0.33	0	0	0	0	0	0
8/8/2023 9:54	56802 BENV_T2	1	1	0	0.8	0.7	-0.1	-1.13	-1.12	0	0	0	0	0	0
8/8/2023 10:00	65901 SAKR_T2	0	0	0	0	0	0	-0.45	-0.48	1	1	0	900	900	0
8/8/2023 10:00	20402 ASHF_T2	3	5	2	0.17	0	-0.17	0	0	0	0	0	0	0	0
8/8/2023 10:00	52503 PROG_T2	0	0	0	0	0	0	-0.46	-0.44	1	1	0	900	900	0
8/8/2023 10:00	58803 COCO_T1	2	2	0	0.75	0.75	0	0.23	0.33	0

8/8/2023 10:53	16302 ALPA_T2	0	0	0	0	0	0	-0.1	-0.1	0	0	0	0	0	0
8/8/2023 10:53	66504 SMAN_T2	0	0	0	0	0	0	-1.98	-2	2	2	0	2400	2400	0
8/8/2023 10:53	67502 WEWI_T2	0	0	0	0	0	0	-0.79	-0.76	1	1	0	900	900	0
8/8/2023 10:54	28604 BLYT_T2	552	561	9	0.6	0.59	-0.01	-0.16	-0.15	0	0	0	0	0	0
8/8/2023 10:54	64801 MONE_T2	0	5	5	0	0.16	0.16	0.54	0.54	0	0	0	0	0	0
8/8/2023 10:55	44802 EDAN_T2	0	0	0	0	0	0	-1.4	-1.39	0	0	0	0	0	0
8/8/2023 10:56	62606 ENGL_T1	0	1	1	0	0	0	0	0	0	0	0	0	0	0
8/8/2023 10:56	60803 BUCK_T1	1	4	3	0.3	0.23	-0.07	-0.48	-0.48	1	1	0	600	600	0
8/8/2023 10:56	29401 BELT_T1	0	1	1	0	0	0	0	0	1	1	0	900	900	0
8/8/2023 10:57	28403 HART_T2	0	66	66	0	0	0	-0.46	-0.46	1	1	0	900	900	0
8/8/2023 10:59	53501 EVIL_T2	1	1	0	0.1	0.2	0.1	-1.14	-1.22	4	4	0	2700	2700	0
8/8/2023 11:00	52401 GRPA_T2	1	1	0	0.5	0.2	-0.3	0	0	0	0	0	0	0	0
8/8/2023 11:02	52502 PROG_T2	0	0	0	0	0	0	-0.38	-0.37	1	1	0	900	900	0
8/8/2023 11:02	10805 CHHI_T2	7	1	-6	1.97	9	7.03	-1.15	-1.13	2	2	0	1800	1800	0
8/8/2023 11:10	67503 WEWI_T2	0	0	0	0	0	0	0.07	0.07	0	0	0	0	0	0
8/8/2023 11:11	11102 EGYP_T1	0	0	0	0	0	0	0.06	0.06	0	0	0	0	0	0
8/8/2023 11:12	58803 COCO_T1	1	1	0	1.3	1.3	0	0.35	0.34	0	0	0	0	0	0
8/8/2023 11:15	62606 ENGL_T1	0	1	-1	8.6	0	-8.6	0	0	0	0	0	0	0	0
8/8/2023 11:29	64301 LINC_T1	0	0	0	0	0	0	-0.49	-0.4	1	1	0	600	600	0
8/8/2023 11:34	43301 WATS_T2	0	1	1	0	0.1	0.1	0	0	0	0	0	0	0	0
8/8/2023 11:34	56802 BENV_T2	44	66	22	0.22	0.2	-0.02	-1.05	-1.03	0	0	0	0	0	0
8/8/2023 11:35	59402 RFLD_T2	0	0	0	0	0	0	-1.06	-1.12	1	1	0	450	450	0
8/8/2023 11:39	60803 BUCK_T1	1	1	0	0.2	0.5	0.3	-0.49	-0.49	1	1	0	600	600	0
8/8/2023 11:39	15001 BLMO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8/8/2023 11:40	61801 EELI_T2	0	5	5	0	0.24	0.24	-0.28	-0.23	1	1	0	600	600	0
8/8/2023 11:43	63402 HONY_T2	1	1	0	0.2	0.3	0.1	0	0	0	0	0	0	0	0
8/8/2023 11:50	47802 MOCA_T2	0	0	0	0	0	0	-0.61	-0.77	0	0	0	0	0	0
8/8/2023 11:52	66703 STRA_T1	0	0	0	0	0	0	0.37	0.37	0	0	0	0	0	0
8/8/2023 11:52	56802 BENV_T2	43	65	22	0.2	0.2	0	-1.02	-1	0	0	0	0	0	0
8/8/2023 11:53	45902 AUBU_T1	0	0	0	0	0	0	-0.13	-0.15	1	1	0	600	600	0
8/8/2023 11:54	28604 BLYT_T2	419	427	8	0.42	0.46	0.04	0	0	0	0	0	0	0	0
8/8/2023 11:55	56803 BENV_T1	1	1	0	1.4	0	-1.4	0	0	0	0	0	0	0	0
8/8/2023 11:58	62604 ENGL_T1	0	0	0	0	0	0	-0.62	-0.54	0	0	0	0	0	0
8/8/2023 12:01	47401 PENS_T1	0	0	0	0	0	0	0.22	0.22	0	0	0	0	0	0
8/8/2023 12:09	67204 TEHI_T2	0	0	0	0	0	0	-0.21	-0.21	0	0	0	0	0	0
8/8/2023 13:04	48302 ORWI_T2	2	2	0	1.15	1.2	0.05	0.12	0.13	0	0	0	0	0	0
8/8/2023 13:13	58803 COCO_T1	2	2	0	0.95	0.75	-0.2	0.34	0.33	0	0	0	0	0	0
8/8/2023 13:50	47401 PENS_T1	0	0	0	0	0	0	0.2	0.29	0	0	0	0	0	0
8/8/2023 13:52	56803 BENV_T1	0	1	1	0	0	0	0	0	0	0	0	0	0	0
8/8/2023 14:02	47403 PENS_T1	1	1	0	1.8	1.7	-0.1	0	0	0	0	0	0	0	0
8/8/2023 14:11	42701 AUGU_T1	0	0	0	0	0	0	0	2	2	0	1800	1800	0	
8/8/2023 14:12	52402 GRPA_T2	1	2	1	1.8	0.9	-0.9	0	0	0	0	0	0	0	0
8/8/2023 14:19	15702 TANN_T2	0	0	0	0	0	0	0.85	0.83	0	0	0	0	0	0
8/8/2023 14:22	55101 WERT_T1	0	0	0	0	0	0	-1.37	-1.33	4	4	0	3300	3300	0
8/8/2023 14:24	15703 TANN_T2	2	2	0	6.95	6.9	-0.05	0	0	0	0	0	0	0	0
8/8/2023 14:25	11102 EGYP_T1	4	4	0	1.4	0	-1.4	0	0	0	0	0	0	0	0
8/8/2023 14:30	42902 MIDD_T2	1	1	0	0.2	0.4	0.2	0.16	0.18	0	0	0	0	0	0
8/8/2023 14:37	15702 TANN_T2	0	0	0	0	0	0	0.8	0.78	0	0	0	0	0	0
8/8/2023 14:40	55101 WERT_T1	0	0	0	0	0	0	-1.33	-1.37	4	4	0	3300	3300	0
8/8/2023 14:41	10805 CHHI_T2	1	1	0	8.4	8.1	-0.3	-1.26	-1.4	2	2	0	1800	1800	0
8/8/2023 14:48	54701 NEBL_T1	1	1	0	8.7	9	0.3	0	0	1	1	0	600	600	0
8/8/2023 14:49	55001 NEWP_T1	0	0	0	0	0	0	-0.13	-0.12	1	1	0	600	600	0
8/8/2023 14:49	55002 NEWP_T1	3	3	0	0.6	0.63	0.03	-0.01	0	0	0	0	0	0	0
8/8/2023 14:51	55101 WERT_T1	0	0	0	0	0	0	-1.37	-2.03	4	4	0	3300	3300	0
8/8/2023 14:52	56801 BENV_T1	1	0	-1	0.4	0	-0.4	0	0	0	0	0	0	0	0
8/8/2023 14:53	67503 WEWI_T2	0	0	0	0	0	0	0.25	0.42	0	0	0	0	0	0
8/8/2023 15:04	55002 NEWP_T1	3	1	-2	0.63	1	0.37	0	0	0	0	0	0	0	0
8/8/2023 15:07	59202 THOM_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8/8/2023 15:10	15001 BLMO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8/8/2023 15:10	42701 AUGU_T1	0	0	0	0	0	0	0	0	2	2	0	1800	1800	0
8/8/2023 15:17	56504 ROCK_T2	0	0	0	0	0	0	0.22	0.22	0	0	0	0	0	0
8/8/2023 15:20	55001 NEWP_T1	0	0	0	0	0	0	-0.11	-0.1	1	1	0	600	600	0
8/8/2023 15:21	60201 ATGL_T2	0	0	0	0	0	0	5.72	5.93	2	2	0	900	900	0
8/8/2023 15:23	56802 BENV_T2	1	1	0	0.6	0.6	0	-0.79	-0.79	0	0	0	0	0	0
8/8/2023 15:26	27502 WEIS_T2	0	0	0	0	0	0	-0.03	-0.07	0	0	0	0	0	0
8/8/2023 15:26	60201 ATGL_T2	0	0	0	0	0	0	5.72	5.93	2	2	0	900	900	0
8/8/2023 15:34	55001 NEWP_T1	0	0	0	0	0	0	-0.11	-0.1	1	1	0	600	600	0
8/8/2023 16:05	55002 NEWP_T1	1	0	-1	0.4	0	-0.4	0	0	0	0	0	0	0	0
8/8/2023 16:08	59101 WALK_T2	14	6	-8	0.42	0.7	0.28	1.21	0.86	3	3	0	1650	1650	0
8/8/2023 16:09	11102 EGYP_T1	4	1	-3	0.43	0.2	-0.23	0	0	0	0	0	0	0	0
8/8/2023 16:18	40902 JESH_T1	0	0	0	0	0	0	0.08	0.06	1	1	0	600	600	0
8/8/2023 16:28	40902 JESH_T1	0	0	0	0	0	0	0.06	0.04	1	1	0	600	600	0
8/8/2023 16:32	49804 UNIV_T1	0	0	0	0	0	0	0.78	0.78	0	0	0	0	0	0
8/8/2023 16:33	65902 SAKR_T2	0	0	0	0	0	0	-0.66	-0.68	2	2	0	1200	1200	0
8/8/2023 16:38	42201 SHEN_T2	0	0	0	0	0	0	0.4	0.4	1	1	0	600	600	0
8/8/2023 16:43	52402 GRPA_T2	1	1	0	3.2	2.9	-0.3	0	0	0	0	0	0	0	0
8/8/2023 17:03	60604 NCOL_T2	0	0	0	0	0	0	0.46	0.43	0	0	0	0	0	0
8/8/2023 17:06	67002 STHI_T2	0	0	0	0	0	0	1.25	1.38	0	0	0	0	0	0
8/8/2023 17:58	61505 EPET_T1	0	1	1	0	0	0	0.06	0.06	0	0	0	0	0	0
8/8/2023 20:02	48302 ORWI_T2	2	2	0	1.4	1.55	0.15	0.01	0	0	0	0	0	0	0
8/8/2023 20:08	44802 EDAN_T2	0	0	0	0	0	0	-1.46	-1.48	0	0	0	0	0	0
8/8/2023 20:08	66505 SMAN_T2	0	0	0	0	0	0	0.04	0	3	3	0	2100	2100	0
8/8/2023 20:09	56802 BENV_T2	1	2	1	0.1	0.2	0.1	-0.91	-0.93	0	0	0	0	0	0
8/8/2023 20:11	15001 BLMO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8/8/2023 20:12	52404 GRPA_T2	0	0	0	0	0	0	0.25	0.21	0	0	0	0	0	0
8/8/2023 20:14	44503 HAMI_T2	1	1	0	2.5	2.5	0	-0.58	-0.59	0	0	0	0	0	0
8/8/2023 20:15	28403 HART_T2	0	0	0	0	0	0	-0.43	-0.43	1	1	0	900	900	0
8/8/2023 20:19	43202 MVIL_T2	0	0	0	0	0	0	-0.6	-0.61	0	0	0	0	0	0
8/8/2023 20:25	56802 BENV_T2	2	2	0	0.15	0.2	0.05	-1.85	-1.88	0	0	0	0	0	0
8/8/2023 20:29	59301 MCAL_T1	2	2	0	1.2	1	-0.2	-1.26	-1.27	0	0	0	0	0	0
8/8/2023 20:29	44201 POIN_T1	14	16	2	0.26	0.14	-0.12	-1.56	-1.53	2	2	0	2100	2100	0
8/8/2023 20:30	17805 GILB_T2	0	0	0	0	0	0	0.25	0.25	0	0	0	0	0	0
8/8/2023 20:32	45702 LIND_T2	0	0	0	0	0	0	-0.24	-0.19	0	0	0	0	0	0
8/8/2023 20:36	59101 WALK_T2	1	1	0	0	0	0	1.24	1.29	1	1	0	450	450	0
8/8/2023 20:39	62604 ENGL_T1	0	0	0	0	0	0	-0.44	-0.48	0	0	0	0	0	0
8/8/2023 20:39	24105 EHAZ_T1	4	4	0	6.23	6.08	-0.15	0	0	0	0	0	0	0	0
8/8/2023 20:40	64802 MONE_T2	0	0	0	0	0	0	0.43	0.41	0	0	0	0	0	0
8/8/2023 20:40	44301 BEAV_T2	0	0	0	0	0	0	0.39	0.23	1	1	0	600	600	0
8/8/2023 20:41	56802 BENV_T2	2	1	-1	0.2	0.2	0	-0.94	-0.96	0	0	0	0	0	0
8/8/2023 20:42	62605 ENGL_T1	0	0	0	0	0	0	-0.01	-0.01	0	0	0	0	0	0
8/8/2023 20:44	53501 EVIL_T2	0	0	0	0	0	0	-0.72	-0.66	2	2	0	1200	1200	0
8/8/2023 20:46	53903 HALI_T2	2	2	0	0.7	0.85	0.15	-0.07	-0.09	0	0	0	0	0	0
8/8/2023 20:50	46702 RENO_T1	1	1	0	0.1	0.1	0	-0.01	-0.02	0	0	0	0	0	0
8/8/2023 20:50	66504 SMAN_T2	0	0	0	0	0	0	-1.77	-1.76	2	2	0	2400	2400	0
8/8/2023 20:50	49804 UNIV_T1	0	0	0	0	0	0	0.66	0.65	0	0	0	0	0	0
8/8/2023 20:51	59101 WALK_T2	1	3	2	0	0	0	1.29	1.42	1	1	0	450	450	0
8/8/2023 20:53	44801 EDAN_T2	1	1	0	0.3	0.5	0.2	0	0	0	0	0	0	0	0
8/8/2023 20:53	64801 MONE_T2	0	1	1	0	0.3	0.3	0.77	0.75	0	0	0	0	0	0
8/8/2023 20:53	16302 ALPA_T2	0	0	0	0	0	0	-0.3	-0.32	0	0	0	0	0	0
8/8/2023 20:54	28601 BLYT_T2	448	630	182	0.45	0.52	0.07	0	0	0	0	0	0	0	0
8/8/2023 20:54	67502 WEWI_T2	0	0	0	0	0	0	-0.91	-0.91	1	1	0	900	900	0
8/8/2023 20:56	60803 BUCK_T1	0	11	11	0	0.25	0.25	-0.96	-1.02	1	1	0	600	600	0
8/8/2023 20:58	53501 EVIL_T2	0	0	0	0	0	0	-0.66	-0.82	2	2	0	1200	1200	0
8/8/2023 20:59	62604 ENGL_T1	0	0	0	0	0	0	-0.48	0.54	0	1	1	0	600	600
8/8/2023 21:01	28403 HART_T2	0	0	0	0	0	0	-0.45	-0.46	1	1	0	900	900	0
8/8/2023 21:03	10805 CHHI_T2	1	10	9	9	9.1	0.1	-0.56	-0.56	1	1	0	600	600	0
8/8/2023 21:09	11102 EGYP_T1	0	0	0	0	0	0	0	-0.02	0	0	0	0	0	0
8/8/2023 21:09	67503 WEWI_T2	0	0	0	0	0	0	0.29	0.26	0	0	0	0	0	0
8/8/2023 21:13	58803 COCO_T1	2	2	0	2.3	2.6	0.3	-0.63	-0.65	0	0	0	0	0	0
8/8/2023 21:14	62604 ENGL_T1	0	0	0	0	0	0	0.54	0.09	1	1	0	600	600	0
8/8/2023 21:15	59402 RFLD_T2	0	2	2	0	0.1	0.1	-1.06	-1.07	1	1	0	450	450	0
8/8/2023 21:23	56802 BENV_T2	4	7	3	0.25	0.33	0.08	-1.03	-1.05	0	0	0	0	0	0
8/8/2023 21:23	43302 WATS_T2	3	4	1	0.13	0.53	0.4	0	0	0	0	0	0	0	0
8/8/2023 21:31	66505 SMAN_T2	2	3	1	0.2	0.4	0.2	-0.09	-0.15	3	3	0	2100	2100	0
8/8/2023 21:40	61801 EELI_T2	1	2	1	0.5	0.5	0	-0.43	-0.47	1	1	0	600	600	0
8/8/2023 21:47	63403 HONY_T2	0	0	0	0	0	0	-0.19	-0.21	0	0	0	0	0	0
8/8/2023 21:48	47802 MOCA_T2	0	0	0	0	0	0	-0.76	-0.76	0	0	0	0	0	0
8/8/2023 21:51	45902 AUBU_T1	0	0	0	0	0	0	-0.8	-0.86	1	1	0	600	600	0
8/8/2023 21:55	52502 PROG_T2	0	0	0	0	0	0	-0.24	-0.26	1	1	0	900	900	0
8/8/2023 21:58	15702 TANN_T2	0	0	0	0	0	0	0.64	0.63	0	0	0	0	0	0
8/8/2023 22:05	47401 PENS_T1	1	0	-1	0.2	0	-0.2	0	-0.04	0	0	0	0	0	0
8/8/2023 22:06	55101 WERT_T1	0	0	0	0	0	0	-0.99	-1.03	2	2	0	1500	1500	0
8/8/2023 22:06	11104 EGYP_T1	0	2	2	0	0.25	0.25	0.47	0.45	0	0	0	0	0	0
8/8/2023 22:07	67204 TEHI_T2	0	0	0	0	0	0	-0.04	-0.06	0	0	0	0	0	0
8/8/2023 22:08	67503 WEWI_T2	0	0	0	0	0	0	0.18	0.16	0	0	0	0	0	0
8/8/2023 22:09	10805 CHHI_T2	2	2	0	5.15	4.8	-0.35	-0.69	-0.67	1	1	0	600	600	0
8/8/2023 22:10	56803 BENV_T1	0	0	0	0	0	0	0.47	0.45	0	0	0	0	0	0
8/8/2023 22:10	56801 BENV_T1	12	14	2	1.16	0.64	-0.52	-0.48	-0.5	1	1	0	600	600	0
8/8/2023 22:10	48302 ORWI_T2	2	2	0	1.85	1.85	0	-0.09	-0.1	0	0	0	0	0	0
8/8/2023 22:11	15702 TANN_T2	0	0	0	0	0	0	0.63	0.63	0	0	0	0	0	0
8/8/2023 22:11	60201 ATGL_T2	0	0	0	0	0	0	4.71	4.87	1	1	0	300	300	0
8/8/2023 22:12	60604 NCOL_T2	0	0	0	0	0	0	0.41	0.42	0	0	0	0	0	0
8/8/2023 22:13	55001 NEWP_T1	0	0	0	0	0	0	-0.31	-0.32	1	1	0	600	600	0
8/8/2023 22:13	49804 UNIV_T1	1	5	4	1.1	0.16	-0.94	0.52	0.72	0	0	0	0	0	0
8/8/2023 22:13	61505 EPET_T1	0	0	0	0	0	0	-0.48	-0.52	0	0	0	0	0	0
8/8/2023 22:16	67002 STHI_T2	0	0	0	0	0	0	1	0.9	0	0	0	0	0	0
8/8/2023 22:19	59202 THOM_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8/8/2023 22:19	42701 AUGU_T1	0	0	0	0	0	0	0	0	2	2	0	1800	1800	0
8/8/2023 22:20	65902 SAKR_T2	0	0	0	0	0	0	-0.5	-0.51	0	1	1	0	300	300
8/8/2023 22:20	11104 EGYP_T1	1	2	1	0.1	0.25	0.15	0.45	0.42	0	0	0	0	0	0
8/8/2023 22:23	42903 MIDD_T2	2	2	0	1.35	1.6	0.25	0	0	0	0	0	0	0	0
8/9/2023 0:28	15001 BLMO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8/9/2023 0:28	47401 PENS_T1	0	0	0	0	0	0	1.09	1.1	0	0	0	0	0	0
8/9/2023 0:28	52403 GRPA_T2	0	0	0	0	0	0	0.2	0.19	0	0	0	0	0	0
8/9/2023 0:28	55002 NEWP_T1	2	3	1	0.55	0.6	0.05	-0.18	-0.19	0	0	0	0	0	0
8/9/2023 0:28	60803 BUCK_T1	10	45	35	0.27	0.31	0.04	-1.5	-1.52	1	1	0	600	600	0
8/9/2023 0:28	64301 LINC_T1	0	0	0	0	0	0	-0.23	-0.24	1	1	0	600	600	0
8/9/2023 0:28	55002 NEWP_T1	2	3	1	0.55	0.6	0.05	-0.18	-0.19	0	0	0	0	0	0
8/9/2023 0:28	54701 NEBL_T1	2	2	0	4.4	5.1	0.7	0	0	1	1	0	600	600	0
8/9/2023 0:28	59101 WALK_T2	1	1	0	0	0	0	1.29	1.16	1	1	0	450	450	0
8/9/2023 0:28	15704 TANN_T1	0	0	0	0	0	0	-1.31	-1.33	0	0	0	0	0	0
8/9/2023 0:28	52502 PROG_T2	0	0	0	0	0	0	-0.49	0.19	1	0	-1	900	0	-900
8/9/2023 0:28	17804 GILB_T2	0	0	0	0	0	0	-0.49	-0.49	0	0	0	0	0	0
8/9/2023 0:28	62604 ENGL_T1	0	0	0	0	0	0	-0.07	-0.03	1	1	0	600	600	0
8/9/2023 0:28	56802 BENV_T2	1	1	0	0.2	0.7	0.5	-2.49	-2.48	0	0	0	0	0	0
8/9/2023 0:28	27502 WEIS_T2	0	0	0	0	0	0	-0.57	-0.53	0	0	0	0	0	0
8/9/2023 0:28	52403 GRPA_T2	0	0	0	0	0	0	0.2	0.19	0	0	0	0	0	0
8/9/2023 0:28	29401 BELT_T1	0	0	0	0	0	0	0	0	1	1	0	900	900	0
8/9/2023 0:28	41901 REED_T1	0	0	0	0	0	0	-1.49	-1.5	1	1	0	900	900	0
8/9/2023 0:28	16302 ALPA_T2	0	0	0	0	0	0	0.75	0.74	0	0	0	0	0	0
8/9/2023 0:28	55101 WERT_T1	0	0	0	0	0	0	-2.63	-2.67	4	4	0	3000	3000	0
8/9/2023 0:28	42201 SHEN_T2	0	0	0	0	0	0	0.13	0.13	1	1	0	600	600	0
8/9/2023 0:28	42701 AUGU_T1	1	1	0	0.3	0.4	0.1	0	0	1	2	1	1200	1800	600
8/9/2023 2:16	40902 JESH_T1	0	0	0	0	0	0	-0.27	-0.26	1	1	0	600	600	0
8/9/2023 7:25	58803 COCO_T1	2	2	0	2.45	2.95	0.5	-1.17	-1.16	0	0	0	0	0	0
8/9/2023 8:16	54701 NEBL_T1	2	2	0	4.65	4.6	-0.05	0	0	1	1	0	600	600	0
8/9/2023 8:17	60305 TWVA_T2	0	0	0	0	0	0	-1.95	-1.95	2	2	0	2400	2400	0
8/9/2023 8:28	50106 HARR_T3	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8/9/2023 8:28	46504 LOHA_T1	2	41	39	1.4	0.37	-1.03

Appendix C - Grid Benefits Achieved in Each Instance of Active Management

8/9/2023 10:22	67502 WEWI_T2	0	0	0	0	0	0	-0.67	-0.65	1	1	0	900	900	0
8/9/2023 10:23	15001 BLMO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8/9/2023 10:23	58803 COCO_T1	2	2	0	2.05	1.75	-0.3	-0.11	-0.03	1	1	0	600	600	0
8/9/2023 10:30	55001 NEWP_T1	0	0	0	0	0	0	-0.15	-0.13	1	1	0	600	600	0
8/9/2023 10:31	62604 ENGL_T1	0	0	0	0	0	0	-1.18	-1.12	1	1	0	600	600	0
8/9/2023 10:33	48302 ORWI_T2	2	2	0	1.3	1.15	-0.15	0.09	0.1	0	0	0	0	0	0
8/9/2023 10:36	66703 STRA_T1	0	0	0	0	0	0	0.43	0.56	0	0	0	0	0	0
8/9/2023 10:38	67503 WEWI_T2	0	0	0	0	0	0	0.13	0.14	0	0	0	0	0	0
8/9/2023 10:38	15701 TANN_T1	1	1	0	4.2	4.2	0	0	0	0	0	0	0	0	0
8/9/2023 10:39	15001 BLMO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8/9/2023 10:39	55101 WERT_T1	5	0	-5	0.34	0	-0.34	-1.4	-1.95	4	4	0	3300	3300	0
8/9/2023 10:40	24101 EHAZ_T1	1	9	8	0.1	0.13	0.03	0.48	0.49	3	3	0	1800	1800	0
8/9/2023 10:43	17804 GILB_T2	1	1	0	1.3	1.4	0.1	0	0	0	0	0	0	0	0
8/9/2023 10:43	44801 EDAN_T2	0	1	1	0	0.3	0.3	0	0	0	0	0	0	0	0
8/9/2023 10:43	62604 ENGL_T1	0	0	0	0	0	0	-1.12	-1.03	1	1	0	600	600	0
8/9/2023 10:46	55002 NEWP_T1	4	5	1	0.78	0.7	-0.08	0	0	0	0	0	0	0	0
8/9/2023 10:47	42001 MNVL_T2	0	0	0	0	0	0	0.39	0.37	0	0	0	0	0	0
8/9/2023 10:47	47403 PENS_T1	2	1	-1	1.2	2.3	1.1	0	0	0	0	0	0	0	0
8/9/2023 10:48	44201 POIN_T1	34	45	11	0.37	0.55	0.18	-0.04	0.04	2	2	0	2100	2100	0
8/9/2023 10:51	44201 POIN_T1	34	45	11	0.37	0.55	0.18	0.04	-0.29	2	2	0	2100	2100	0
8/9/2023 10:51	59101 WALK_T2	1	2	1	0	0.3	0.3	1.47	1.09	2	3	1	1050	1650	600
8/9/2023 10:53	29402 BELT_T1	0	1	1	0.1	0.3	0.2	0	0	0	0	0	0	0	0
8/9/2023 10:57	45702 LIND_T2	0	0	0	0	0	0	-0.06	-0.11	0	0	0	0	0	0
8/9/2023 10:59	62604 ENGL_T1	0	0	0	0	0	0	-1.03	-0.97	1	1	0	600	600	0
8/9/2023 11:01	62605 ENGL_T1	0	0	0	0	0	0	-0.01	-0.01	0	0	0	0	0	0
8/9/2023 11:02	52402 GRPA_T2	1	2	1	2.5	1.1	-1.4	0	0	0	0	0	0	0	0
8/9/2023 11:07	49804 UNIV_T1	0	0	0	0	0	0	1.73	1.59	0	0	0	0	0	0
8/9/2023 11:07	15001 BLMO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8/9/2023 11:08	43105 SMIL_T2	1	0	-1	0.2	0	-0.2	0	0	0	0	0	0	0	0
8/9/2023 11:08	56802 BENV_T2	2	3	1	0.45	0.55	0.1	-0.95	-0.92	0	0	0	0	0	0
8/9/2023 11:08	10805 CHHI_T2	2	3	1	4.7	8.9	4.2	-1.1	-1.02	2	2	0	1800	1800	0
8/9/2023 11:09	59101 WALK_T2	1	2	1	0	0.6	0.6	1.09	1.06	3	3	0	1650	1650	0
8/9/2023 11:12	53502 EVIL_T2	1	0	-1	0.4	0	-0.4	0	0	0	0	0	0	0	0
8/9/2023 11:18	55001 NEWP_T1	0	0	0	0	0	0	-0.08	-0.07	1	1	0	600	600	0
8/9/2023 11:19	60803 BUCK_T1	0	0	0	0	0	0	-1.02	-0.99	1	1	0	600	600	0
8/9/2023 11:20	52502 PROG_T2	0	0	0	0	0	0	-0.08	-0.04	1	1	0	900	900	0
8/9/2023 11:33	28403 HART_T2	0	0	0	0	0	0	-0.56	-0.55	1	1	0	900	900	0
8/9/2023 11:34	56802 BENV_T2	2	2	0	0.5	0.3	-0.2	-0.92	-0.91	0	0	0	0	0	0
8/9/2023 11:35	43304 WATS_T2	0	0	0	0	0	0	-0.14	-0.13	0	0	0	0	0	0
8/9/2023 11:35	53501 EVIL_T2	0	0	0	0	0	0	-1.57	-1.3	4	4	0	2700	2700	0
8/9/2023 11:39	56801 BENV_T1	1	1	0	0.5	0.4	-0.1	-0.43	-0.41	1	1	0	600	600	0
8/9/2023 11:42	60801 BUCK_T1	6	4	-2	0.18	0.18	0	0	0	0	0	0	0	0	0
8/9/2023 11:42	64301 LINC_T1	0	0	0	0	0	0	-0.27	-0.2	1	1	0	600	600	0
8/9/2023 11:45	62604 ENGL_T1	0	0	0	0	0	0	-0.94	-0.93	1	1	0	600	600	0
8/9/2023 11:52	56801 BENV_T1	0	4	4	0	0.63	0.63	0	0	0	0	0	0	0	0
8/9/2023 12:04	47401 PENS_T1	1	2	1	0.5	0.3	-0.2	0.5	0.61	0	0	0	0	0	0
8/9/2023 12:14	44505 HAMI_T2	1	1	0	0.1	0	-0.1	0	0	0	0	0	0	0	0
8/9/2023 12:19	58402 MORO_T1	0	0	0	0	0	0	-1.53	-1.54	3	3	0	2400	2400	0
8/9/2023 12:44	66902 SHIL_T2	1	1	0	0.5	0.4	-0.1	0	0	0	0	0	0	0	0
8/9/2023 13:08	52403 GRPA_T2	1	2	1	0.2	0.3	0.1	-0.53	-0.51	0	0	0	0	0	0
8/9/2023 13:09	59202 THOM_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8/9/2023 13:35	42201 SHEN_T2	2	1	-1	1	1	0	-0.14	-0.13	1	1	0	600	600	0
8/9/2023 13:45	45802 HEGI_T2	0	3	3	0	0	0	-0.16	0.67	2	2	0	1200	1200	0
8/9/2023 13:47	53903 HALI_T2	4	4	0	0.43	0.6	0.17	-0.02	-0.01	0	0	0	0	0	0
8/9/2023 13:50	55101 WERT_T1	5	5	0	0.5	0	-0.5	-1.66	-1.69	4	4	0	3300	3300	0
8/9/2023 14:00	45003 LIME_2	1	1	0	1.4	0.7	-0.7	0	0	1	1	0	1200	1200	0
8/9/2023 14:03	46702 RENO_T1	0	0	0	0	0	0	0.16	0.15	0	0	0	0	0	0
8/9/2023 14:10	52402 GRPA_T2	2	3	1	1.4	2.8	1.4	0	0	0	0	0	0	0	0
8/9/2023 14:10	55101 WERT_T1	5	0	-5	0.36	0	-0.36	-1.69	-1.76	4	4	0	3300	3300	0
8/9/2023 14:13	63402 HONY_T2	1	1	0	0.2	0.4	0.2	0	0	0	0	0	0	0	0
8/9/2023 14:14	40101 HUNT_T2	37	214	177	0.46	0.49	0.03	-0.22	-0.19	0	0	0	0	0	0
8/9/2023 14:24	10805 CHHI_T2	10	17	7	1.3	9.4	8.1	-1.12	-1.13	2	2	0	1800	1800	0
8/9/2023 14:28	53502 EVIL_T2	3	3	0	0.5	0.63	0.13	0	0	0	0	0	0	0	0
8/9/2023 14:29	12701 MACU_T1	0	0	0	0	0	0	-0.72	-0.71	1	1	0	1200	1200	0
8/9/2023 14:29	44502 HAMI_T2	1	1	0	1.1	1.3	0.2	-0.36	-0.36	0	0	0	0	0	0
8/9/2023 14:29	57303 MOAL_T2	1	1	0	7.6	7.6	0	0	0	0	0	0	0	0	0
8/9/2023 14:32	42902 MIDD_T2	1	9	8	0.2	0.4	0.2	-0.3	-0.29	1	1	0	600	600	0
8/9/2023 14:32	57303 MOAL_T2	1	1	0	7.6	7.7	0.1	0	0	0	0	0	0	0	0
8/9/2023 14:33	55002 NEWP_T1	1	1	0	0.7	1	0.3	0	0	0	0	0	0	0	0
8/9/2023 14:34	46702 RENO_T1	0	0	0	0	0	0	0.15	0.14	0	0	0	0	0	0
8/9/2023 14:34	15703 TANN_T2	2	2	0	7.7	7.65	-0.05	0	0	0	0	0	0	0	0
8/9/2023 14:34	56504 ROCK_T2	5	1	-4	0.5	0	-0.5	0.45	0.59	0	0	0	0	0	0
8/9/2023 14:36	64101 REFR_T1	4	6	2	0.53	0.35	-0.18	-0.06	-0.05	0	0	0	0	0	0
8/9/2023 14:37	65602 QVIL_T2	2	2	0	0.3	0	-0.3	0	0	0	0	0	0	0	0
8/9/2023 14:37	55101 WERT_T1	0	0	0	0	0	0	-1.81	-1.58	4	4	0	3300	3300	0
8/9/2023 14:38	16302 ALPA_T2	0	0	0	0	0	0	0.18	0.18	0	0	0	0	0	0
8/9/2023 14:39	10602 BLGL_T2	20	33	13	0.64	0.77	0.13	1.82	1.8	0	0	0	0	0	0
8/9/2023 14:41	61303 EARL_T1	0	0	0	0	0	0	0.34	0.3	0	0	0	0	0	0
8/9/2023 14:42	52403 GRPA_T2	3	4	1	0.7	0.35	-0.35	0	0	0	0	0	0	0	0
8/9/2023 14:44	60101 COCA_T1	1	1	0	0.1	0.3	0.2	1.12	1.12	0	0	0	0	0	0
8/9/2023 14:44	44502 HAMI_T2	1	1	0	1	1.4	0.4	-0.36	-0.36	0	0	0	0	0	0
8/9/2023 14:46	12701 MACU_T1	0	0	0	0	0	0	-0.71	-0.71	1	1	0	1200	1200	0
8/9/2023 14:49	60502 NMAN_T2	0	0	0	0	0	0	0.28	0.27	0	0	0	0	0	0
8/9/2023 14:49	42201 SHEN_T2	2	2	0	0.85	0.3	-0.55	-0.12	-0.12	1	1	0	600	600	0
8/9/2023 14:51	15703 TANN_T2	2	2	0	7.65	7.55	-0.1	0	0	0	0	0	0	0	0
8/9/2023 14:56	52401 GRPA_T2	0	2	2	0	0.3	0.3	0	0	0	0	0	0	0	0
8/9/2023 14:58	45001 LIME_2	0	2	2	0	0.1	0.1	0	0	0	0	0	0	0	0
8/9/2023 15:01	64801 MONE_T2	0	1	1	0	0	0	0.91	0.93	0	0	0	0	0	0
8/9/2023 15:02	56504 ROCK_T2	1	1	0	0.1	0	-0.1	0.43	0.61	0	0	0	0	0	0
8/9/2023 15:06	61102 BERK_T5	0	0	0	0	0	0	1.41	1.53	1	1	0	300	300	0
8/9/2023 15:08	45902 AUBU_T1	7	13	6	0.51	0.68	0.17	0	0	0	0	0	0	0	0
8/9/2023 15:09	61102 BERK_T5	0	0	0	0	0	0	1.41	1.53	1	1	0	300	300	0
8/9/2023 15:16	55001 NEWP_T1	4	6	2	0.38	0.33	-0.05	0.18	0.15	1	1	0	600	600	0
8/9/2023 15:21	64101 REFR_T1	3	1	-2	0.17	0.1	-0.07	-0.04	-0.03	0	0	0	0	0	0
8/9/2023 15:29	46205 DANV_T2	0	1	1	0	0	0	0	0	0	0	0	0	0	0
8/9/2023 15:37	57401 SPAN_T1	0	0	0	0	0	0	-0.24	-0.13	1	1	0	600	600	0
8/9/2023 15:37	52401 GRPA_T2	2	4	2	0.4	0.1	-0.3	-0.17	-0.16	0	0	0	0	0	0
8/9/2023 15:43	45302 WBER_T2	0	0	0	0	0	0	1.41	1.41	0	0	0	0	0	0
8/9/2023 15:54	25801 SUTR_T2	0	19	19	0	0	0	0.24	0.24	0	0	0	0	0	0
8/9/2023 15:56	45902 AUBU_T1	8	6	-2	0.49	0.65	0.16	-0.12	-0.07	1	1	0	600	600	0
8/9/2023 16:08	52401 GRPA_T2	4	61	57	0.33	0.39	0.06	0	0	0	0	0	0	0	0
8/9/2023 17:04	41901 REED_T1	4	8	4	0.33	0.36	0.03	0	0	0	0	0	0	0	0
8/9/2023 17:07	67002 STHI_T2	0	0	0	0	0	0	1.58	1.55	0	0	0	0	0	0
8/9/2023 20:03	48302 ORWI_T2	2	2	0	1.1	1.35	0.25	0.16	0.14	0	0	0	0	0	0
8/9/2023 20:04	67204 TEHI_T2	0	0	0	0	0	0	0.16	0.15	0	0	0	0	0	0
8/9/2023 20:05	47401 PENS_T1	84	7	-77	0.81	0.68	-0.13	0.24	0.29	0	0	0	0	0	0
8/9/2023 20:06	66505 SMAN_T2	0	0	0	0	0	0	0.07	0.23	4	3	-1	2300	2100	-200
8/9/2023 20:07	59101 WALK_T2	1	4	3	0	0.4	0.4	1.18	1.01	2	2	0	1050	1050	0
8/9/2023 20:11	28403 HART_T2	0	0	0	0	0	0	-0.44	-0.45	1	1	0	900	900	0
8/9/2023 20:12	58803 COCO_T1	2	2	0	1.1	1.4	0.3	-0.33	-0.3	0	0	0	0	0	0
8/9/2023 20:12	44801 EDAN_T2	207	200	-7	0.8	0.95	0.15	0	0	0	0	0	0	0	0
8/9/2023 20:13	62604 ENGL_T1	0	0	0	0	0	0	-1.06	-1.03	1	1	0	600	600	0
8/9/2023 20:16	55002 NEWP_T1	2	2	0	0.3	0.55	0.25	0	0	0	0	0	0	0	0
8/9/2023 20:17	40902 JESH_T1	0	0	0	0	0	0	-0.28	0.1	2	1	-1	1200	600	-600
8/9/2023 20:23	15001 BLMO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8/9/2023 20:23	58803 COCO_T1	2	2	0	1.4	1.4	0	-0.3	-0.33	0	0	0	0	0	0
8/9/2023 20:24	67502 WEWI_T2	0	0	0	0	0	0	-1.09	-1.1	1	1	0	900	900	0
8/9/2023 20:27	62607 ENGL_T1	0	1	1	0	0	0	0	0	0	0	0	0	0	0
8/9/2023 20:32	48302 ORWI_T2	2	2	0	1.2	1.4	0.2	0.13	0.11	0	0	0	0	0	0
8/9/2023 20:33	55002 NEWP_T1	2	2	0	0.4	0.55	0.15	0	0	0	0	0	0	0	0
8/9/2023 20:36	67503 WEWI_T2	0	0	0	0	0	0	0.46	0.39	0	0	0	0	0	0
8/9/2023 20:37	55101 WERT_T1	0	0	0	0	0	0	-2.22	-1.39	4	3	-1	3300	2400	-900
8/9/2023 20:37	66703 STRA_T1	0	0	0	0	0	0	0.27	0.23	0	0	0	0	0	0
8/9/2023 20:38	60803 BUCK_T1	0	0	0	0	0	0	-0.78	-0.83	1	1	0	600	600	0
8/9/2023 20:38	15704 TANN_T1	0	0	0	0	0	0	-0.94	-0.81	0	0	0	0	0	0
8/9/2023 20:39	15001 BLMO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8/9/2023 20:41	24102 EHAZ_T1	1	2	1	0.1	0	-0.1	0	0	0	0	0	0	0	0
8/9/2023 20:42	62606 ENGL_T1	0	4	4	0	0.1	0.1	0	0	0	0	0	0	0	0
8/9/2023 20:42	17805 GILB_T2	0	0	0	0	0	0	0.24	0.22	0	0	0	0	0	0
8/9/2023 20:44	44801 EDAN_T2	192	181	-11	1.04	0.63	-0.41	0	0	0	0	0	0	0	0
8/9/2023 20:47	42001 MNVL_T2	0	0	0	0	0	0	0.53	0.5	0	0	0	0	0	0
8/9/2023 20:48	47401 PENS_T1	4	12	8	0.98	1.1	0.12	0.28	0.24	0	0	0	0	0	0
8/9/2023 20:49	55001 NEWP_T1	1	0	-1	0.7	0	-0.7	-0.08	-0.1	1	1	0	600	600	0
8/9/2023 20:54	59101 WALK_T2	1	1	0	0	0	0	0.57	0.69	2	2	0	1050	1050	0
8/9/2023 21:01	62606 ENGL_T1	1	0	-1	0.1	0	-0.1	0	0	0	0	0	0	0	0
8/9/2023 21:03	49804 UNIV_T1	0	2	2	0	0.1	0.1	0.99	0.92	0	0	0	0	0	0
8/9/2023 21:08	43101 SMIL_T2	1	1	0	0.3	0	-0.3	0	0	0	0	0	0	0	0
8/9/2023 21:09	15001 BLMO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8/9/2023 21:09	59101 WALK_T2	1	1	0	0	0	0	0.69	0.68	2	2	0	1050	1050	0
8/9/2023 21:09	10805 CHHI_T2	10	2	-8	1.38	9.1	7.72	-0.33	-0.37	1	1	0	600	600	0
8/9/2023 21:14	53501 EVIL_T2	0	0	0	0	0	0	-1.2	-1.25	3	3	0	1800	1800	0
8/9/2023 21:20	52502 PROG_T2	0	0	0	0	0	0	0.09	0.05	1	1	0	900	900	0
8/9/2023 21:20	55001 NEWP_T1	0	0	0	0	0	0	-0.14	-0.17	1	1	0	600	600	0
8/9/2023 21:21	43304 WATS_T2	0	0	0	0	0	0	-0.27	-0.29	0	0	0	0	0	0
8/9/2023 21:24	60803 BUCK_T1	0	0	0	0	0	0	-0.94	-0.99	1	1	0	600	600	0
8/9/2023 21:25	56802 BENV_T2	1	2	1	0.3	0.35	0.05	-0.85	-0.89	0	0	0	0	0	0
8/9/2023 21:27	53501 EVIL_T2	0	0	0	0	0	0	-1.25	-1.32	3	3	0	1800	1800	0
8/9/2023 21:40	56803 BENV_T1	1	1	0	0.8	0	-0.8	0	0	0	0	0	0	0	0
8/9/2023 21:42	62604 ENGL_T1	0	0	0	0	0	0	-1.1	-1.07	1	1	0	600	600	0
8/9/2023 21:53	56801 BENV_T1	14	18	4	0.73	0.92	0.19	0	0	0	0	0	0	0	0
8/9/2023 21:57	41902 REED_T1	0	1	1	0	0	0	0.29	1.09	1	0	-1	900	0	-900
8/9/2023 22:01	55002 NEWP_T1	3	3	0	1.13	0.8	-0.33	0	0	0	0	0	0	0	0
8/9/2023 22:02	45901 AUBU_T1	0	0	0	0	0	0	0.34	1.65	0	0	0	0	0	0
8/9/2023 22:02	45802 HEGI_T2	0	0	0	0	0	0	0.12	0.24	2	2	0	1200	1200	0
8/9/2023 22:02	55101 WERT_T1	0	0	0	0	0	0	-1.67	-1.65	3	3	0	2400	2400	0
8/9/2023 22:02	44502 HAMI_T2	1	1	0	2.9	3	0.1	-0.59	-0.61	0	0	0	0	0	0
8/9/2023 22:04	46203 DANV_T2	0	0	0	0	0	0	0.52	0.49	0	0	0	0	0	0
8/9/2023 22:04	15702 TANN_T2	0	0	0	0	0	0	0.71	0.7	0	0	0	0	0	0
8/9/2023 22:05	65604 QVIL_T2	0	0	0	0	0	0	0.62	0.6	0	0	0	0	0	0
8/9/2023 22:05	63403 HONY_T2	0	0	0	0	0	0	0.33	0.27	0	0	0	0	0	0
8/9/2023 22:06	42902 MIDD_T2	0	0	0	0	0	0	-0.09	-0.11	0	0	0	0	0	0
8/9/2023 22:07	67001 STHI_T2	1	0	-1	0.7	0	-0.7	0	0	0	0	0	0	0	0
8/9/2023 22:07	64801 MONE_T2	1	0	-1	0.1	0	-0.1	0.67	0.65	0	0	0	0	0	0
8/9/2023 22:07	61303 EARL_T1	0	0	0	0	0	0	0.35	0.3	0	0	0	0	0	0
8/9/2023 22:07	61102 BERK_T5	0	0	0	0	0	0	0.45	0.31	1	1	0	300	300	0
8/9/2023 22:07	42301 SHEN_T2	0	0	0	0	0	0	0.31	0.3	1	1	0	600	600	0
8/9/2023 22:09	56504 ROCK_T2	0	0	0	0	0	0	0.17	0.12	0	0	0	0	0	0
8/9/2023 22:10	52402 GRPA_T2	4	1	-3	1.25	4	2.75	0	0	0	0	0	0	0	0
8/9/2023 22:10	10805 CHHI_T2	1	1	0	9.2	9.4	0.2	-0.43	-0.48	1	1	0	600	600	0
8/9/2023 22:10	55002 NEWP_T1	3	3	0	1.13	0.8	-0.33	0	0	0	0	0	0	0	0
8/9/2023 22:10	28403 HART_T2	0	0	0	0	0	0	-0.5	-0.51	1	1	0	900	900	0
8/9/2023 22:11	59202 THOM_T1	1	0	-1	0.1	0	-0.1	0	0	0	0	0	0	0	0
8/9/2023 22:12	16302 ALPA_T2	0	0	0	0	0	0	0.98	0.93	0	0	0	0	0	0
8/9/2023 22:12	57304 MOAL_T2	1	0	-1	0.4	0	-0.4	-0.02	-0.05	0	0	0	0	0	0
8/9/2023 22:13	40101 HUNT_T2	13	20	7	0.28	0.25	-0.03	-1	-0.43	0	0	0	0	0	0
8/9/2023 22:13	12701 MACU_T1	0	0	0	0	0	0	-1.86	-1.88	2	2	0	2400	2400	0
8/9/2023 22:13	45001 LIME_2	13	21	8	0.22	0.29	0.07	0	0	0	0	0	0	0	0
8/9/2023 22:14	66505 SMAN_T2	0	0	0	0	0	0	-0.12	-0.08	3	3	0	2100	2100	0

Appendix C - Grid Benefits Achieved in Each Instance of Active Management

8/10/2023 9:50	46702 RENO_T1	0	0	0	0	0	0	0.04	0.04	0	0	0	0	0	0
8/10/2023 9:51	20403 ASHF_T2	0	0	0	0	0	0	1.6	1.49	0	0	0	0	0	0
8/10/2023 9:53	56802 BENV_T2	1	27	26	1.3	0.19	-1.11	-1.16	-1.15	0	0	0	0	0	0
8/10/2023 9:55	45902 AUBU_T1	0	0	0	0	0	0	-0.26	-0.26	1	1	0	600	600	0
8/10/2023 9:56	58803 COCO_T1	2	2	0	1.1	0.9	-0.2	0.28	0.27	0	0	0	0	0	0
8/10/2023 10:00	56601 HAMP_T1	0	0	0	0	0	0	-0.19	-0.17	0	0	0	0	0	0
8/10/2023 10:00	55001 NEWP_T1	0	0	0	0	0	0	-0.35	-0.34	1	1	0	600	600	0
8/10/2023 10:00	48302 ORWI_T2	2	2	0	1.45	1.5	0.05	-0.01	0	0	0	0	0	0	0
8/10/2023 10:00	67604 WARW_T1	0	0	0	0	0	0	0.18	0.19	0	0	0	0	0	0
8/10/2023 10:00	64101 REFR_T1	0	0	0	0	0	0	0.07	0.08	0	0	0	0	0	0
8/10/2023 10:00	67204 TEHI_T2	0	0	0	0	0	0	-0.25	-0.25	0	0	0	0	0	0
8/10/2023 10:00	65901 SAKR_T2	0	0	0	0	0	0	-0.5	-0.42	1	1	0	900	900	0
8/10/2023 10:00	64801 MONE_T2	0	0	0	0	0	0	0.46	0.47	0	0	0	0	0	0
8/10/2023 10:00	53903 HALI_T2	2	2	1	0.55	0.7	0.15	-0.07	-0.07	0	0	0	0	0	0
8/10/2023 10:00	12604 MACA_T1	0	0	0	0	0	0	0.48	0.49	0	0	0	0	0	0
8/10/2023 10:00	52503 PROG_T2	0	0	0	0	0	0	-0.52	-0.5	1	1	0	900	900	0
8/10/2023 10:06	66505 SMAN_T2	0	0	0	0	0	0	0.22	0.28	3	3	0	2100	2100	0
8/10/2023 10:08	57403 SPAN_T1	9	1	-8	0.18	0.1	-0.08	0	0	0	0	0	0	0	0
8/10/2023 10:09	59101 WALK_T2	1	1	0	0	0	0	2.14	2.41	0	0	0	0	0	0
8/10/2023 10:09	24102 EHAZ_T1	0	4	4	0	0	0	0	0	0	0	0	0	0	0
8/10/2023 10:10	44802 EDAN_T2	0	0	0	0	0	0	-1.86	-1.86	0	0	0	0	0	0
8/10/2023 10:12	28403 HART_T2	0	0	0	0	0	0	-0.62	-0.62	1	1	0	900	900	0
8/10/2023 10:13	62604 ENGL_T1	0	0	0	0	0	0	-1.15	-1.17	1	1	0	600	600	0
8/10/2023 10:15	44802 EDAN_T2	0	0	0	0	0	0	-1.86	-1.86	0	0	0	0	0	0
8/10/2023 10:15	40901 IESH_T1	1	1	0	0.1	0.1	0	0	0	0	0	0	0	0	0
8/10/2023 10:18	57303 MOAL_T2	1	1	0	6.8	6.8	0	0	0	0	0	0	0	0	0
8/10/2023 10:19	55001 NEWP_T1	0	0	0	0	0	0	-0.34	-0.33	1	1	0	600	600	0
8/10/2023 10:19	41902 REED_T1	0	1	1	0	0	0	0	0	0	0	0	0	0	0
8/10/2023 10:20	67204 TEHI_T2	0	0	0	0	0	0	-0.24	-0.24	0	0	0	0	0	0
8/10/2023 10:20	59101 WALK_T2	1	1	0	0	0	0	2.41	2.26	0	0	0	0	0	0
8/10/2023 10:21	57403 SPAN_T1	0	3	3	0	0.1	0.1	0	0	0	0	0	0	0	0
8/10/2023 10:23	15001 BLMO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8/10/2023 10:23	20403 ASHF_T2	0	0	0	0	0	0	1.48	1.57	0	0	0	0	0	0
8/10/2023 10:25	67502 WEWI_T2	0	0	0	0	0	0	-0.9	-0.85	1	0	-1	900	0	-900
8/10/2023 10:25	62604 ENGL_T1	0	0	0	0	0	0	-1.17	-1.16	1	1	0	600	600	0
8/10/2023 10:26	17805 GILB_T2	0	0	0	0	0	0	0.21	0.22	0	0	0	0	0	0
8/10/2023 10:27	28604 BLYT_T2	0	0	0	0	0	0	-1.29	-1.29	0	0	0	0	0	0
8/10/2023 10:31	52403 GRPA_T2	0	1	1	0	0	0	0.29	0.34	0	0	0	0	0	0
8/10/2023 10:31	56802 BENV_T2	64	82	18	0.2	0.22	0.02	-1.14	-1.13	0	0	0	0	0	0
8/10/2023 10:31	57303 MOAL_T2	1	1	0	6.8	6.9	0.1	0	0	0	0	0	0	0	0
8/10/2023 10:31	60305 TWVA_T2	0	0	0	0	0	0	-1.61	-1.65	2	2	0	2400	2400	0
8/10/2023 10:32	55002 NEWP_T1	6	6	0	1.2	1.22	0.02	0	0	0	0	0	0	0	0
8/10/2023 10:35	56501 ROCK_T2	0	0	0	0	0	0	-0.03	-0.03	0	0	0	0	0	0
8/10/2023 10:36	66504 SMAN_T2	0	0	0	0	0	0	-1.72	-1.76	2	2	0	2400	2400	0
8/10/2023 10:37	59101 WALK_T2	1	1	0	0	0	0	2.26	2.46	0	0	0	0	0	0
8/10/2023 10:39	61202 REIN_T1	13	9	-4	0.28	0.38	0.1	0	0	1	1	0	900	900	0
8/10/2023 10:40	67503 WEWI_T2	0	0	0	0	0	0	0.07	0.08	0	0	0	0	0	0
8/10/2023 10:40	53501 EVIL_T2	1	0	-1	0.1	0	-0.1	-0.36	-0.48	3	3	0	1800	1800	0
8/10/2023 10:41	62607 ENGL_T1	1	1	0	2.5	3.3	0.8	0	0	0	0	0	0	0	0
8/10/2023 10:41	45901 AUBU_T1	0	0	0	0	0	0	1.46	1.69	0	0	0	0	0	0
8/10/2023 10:42	61801 EEU_T2	2	0	-2	0.15	0	-0.15	-0.43	-0.43	1	1	0	600	600	0
8/10/2023 10:42	56802 BENV_T2	64	82	18	0.2	0.22	0.02	-1.13	-1.12	0	0	0	0	0	0
8/10/2023 10:44	52402 GRPA_T2	3	4	1	1.27	1.1	-0.17	0	0	0	0	0	0	0	0
8/10/2023 10:45	45702 LIND_T2	1	1	0	0.2	0.9	0.7	-0.27	-0.27	0	0	0	0	0	0
8/10/2023 10:46	59003 MIFF_T1	0	1	1	0	0	0	-1.08	-0.9	0	0	0	0	0	0
8/10/2023 10:51	56802 BENV_T2	65	100	35	0.2	0.22	0.02	-1.12	-1.12	0	0	0	0	0	0
8/10/2023 10:52	42701 AUGU_T1	0	0	0	0	0	0	0	0	2	2	0	1800	1800	0
8/10/2023 10:58	45802 HEGI_T2	0	0	0	0	0	0	-0.1	-0.18	2	2	0	1200	1200	0
8/10/2023 10:59	62607 ENGL_T1	1	1	0	3.3	3.5	0.2	0	0	0	0	0	0	0	0
8/10/2023 10:59	11104 EGYP_T1	4	4	0	0	0	0	0	0	0	0	0	0	0	0
8/10/2023 11:01	28403 HART_T2	0	0	0	0	0	0	-0.61	-0.6	1	1	0	900	900	0
8/10/2023 11:02	59003 MIFF_T1	0	0	0	0	0	0	-0.9	-0.98	0	0	0	0	0	0
8/10/2023 11:04	57401 SPAN_T1	2	2	0	0.8	0.8	0	0	0	0	0	0	0	0	0
8/10/2023 11:04	59402 RFLD_T2	0	0	0	0	0	0	-1.22	-1.17	1	1	0	450	450	0
8/10/2023 11:06	66505 SMAN_T2	0	0	0	0	0	0	0.37	0.4	3	3	0	2100	2100	0
8/10/2023 11:06	45902 AUBU_T1	0	0	0	0	0	0	-0.21	-0.21	1	1	0	600	600	0
8/10/2023 11:06	67503 WEWI_T2	0	0	0	0	0	0	0.08	0.08	0	0	0	0	0	0
8/10/2023 11:08	10805 CHHI_T2	1	1	0	8.2	8.1	-0.1	-1.32	-1.35	2	2	0	1800	1800	0
8/10/2023 11:09	59101 WALK_T2	1	1	0	0	0	0	2.22	2.09	0	0	0	0	0	0
8/10/2023 11:09	44301 BEAV_T2	0	0	0	0	0	0	-0.21	-0.1	2	2	0	1500	1500	0
8/10/2023 11:09	56802 BENV_T2	79	133	54	0.21	0.23	0.02	-1.12	-1.11	0	0	0	0	0	0
8/10/2023 11:11	67503 WEWI_T2	0	0	0	0	0	0	0.08	0.08	0	0	0	0	0	0
8/10/2023 11:13	44502 HAMI_T2	1	1	0	2	2.1	0.1	-0.64	-0.63	0	0	0	0	0	0
8/10/2023 11:15	55002 NEWP_T1	5	6	1	1.1	1.07	-0.03	-0.17	-0.17	0	0	0	0	0	0
8/10/2023 11:15	42701 AUGU_T1	0	0	0	0	0	0	0	0	2	2	0	1800	1800	0
8/10/2023 11:15	40101 HUNT_T2	1	7	6	0.5	0.37	-0.13	-0.1	-0.04	0	0	0	0	0	0
8/10/2023 11:16	63403 HONY_T2	0	0	0	0	0	0	0.49	0.5	1	1	0	600	600	0
8/10/2023 11:16	54701 NEBL_T1	2	2	0	5.5	5.3	-0.2	0	0	1	1	0	600	600	0
8/10/2023 11:18	55002 NEWP_T1	5	6	1	1.1	1.07	-0.03	-0.17	-0.17	0	0	0	0	0	0
8/10/2023 11:24	43108 SMIL_T2	0	0	0	0	0	0	0.4	0.9	0	0	0	0	0	0
8/10/2023 11:28	62607 ENGL_T1	1	1	0	3.5	3.8	0.3	0	0	0	0	0	0	0	0
8/10/2023 11:31	55002 NEWP_T1	5	6	1	1.24	1.02	-0.22	-0.17	-0.17	0	0	0	0	0	0
8/10/2023 11:33	58402 MORO_T1	0	0	0	0	0	0	-1.7	-1.7	3	3	0	2400	2400	0
8/10/2023 11:34	61202 REIN_T1	6	6	0	0.32	0.35	0.03	0	0	1	1	0	900	900	0
8/10/2023 11:38	56802 BENV_T2	129	102	-27	0.23	0.22	-0.01	-1.1	-1.09	0	0	0	0	0	0
8/10/2023 11:40	62604 ENGL_T1	0	0	0	0	0	0	-1.05	-1.06	1	1	0	600	600	0
8/10/2023 11:45	52403 GRPA_T2	0	0	0	0	0	0	0.32	0.31	0	0	0	0	0	0
8/10/2023 11:46	64802 MONE_T2	0	0	0	0	0	0	0.26	0.23	0	0	0	0	0	0
8/10/2023 11:50	15702 TANN_T2	0	0	0	0	0	0	0.68	0.69	0	0	0	0	0	0
8/10/2023 11:51	66703 STRA_T1	0	0	0	0	0	0	0.38	0.43	0	0	0	0	0	0
8/10/2023 12:22	56802 BENV_T2	42	42	0	0.2	0.2	0	-2.15	-2.13	0	0	0	0	0	0
8/10/2023 12:38	61202 REIN_T1	22	10	-12	0.32	0.23	-0.09	0	0	1	1	0	900	900	0
8/10/2023 13:00	10705 CATA_T2	0	0	0	0	0	0	-1.74	-1.78	1	1	0	900	900	0
8/10/2023 13:30	52403 GRPA_T2	0	0	0	0	0	0	0.28	0.35	0	0	0	0	0	0
8/10/2023 13:31	10705 CATA_T2	0	0	0	0	0	0	-1.82	-1.83	1	1	0	900	900	0
8/10/2023 13:32	64101 REFR_T1	0	0	0	0	0	0	0.14	0.15	0	0	0	0	0	0
8/10/2023 13:51	52502 PROG_T2	0	0	0	0	0	0	-0.35	-0.34	1	1	0	900	900	0
8/10/2023 13:57	63804 HEMP_T1	1	1	0	6.5	6.3	-0.2	0	0	0	0	0	0	0	0
8/10/2023 14:09	58803 COCO_T1	2	2	0	1.2	1.2	0	0.43	0.35	0	0	0	0	0	0
8/10/2023 14:16	52402 GRPA_T2	2	1	-1	1.6	3.3	1.7	0	0	0	0	0	0	0	0
8/10/2023 14:17	52502 PROG_T2	0	0	0	0	0	0	-0.34	-0.33	1	1	0	900	900	0
8/10/2023 14:21	47403 PENS_T1	1	1	0	2.5	1.7	-0.8	0	0	0	0	0	0	0	0
8/10/2023 14:23	10801 CHHI_T1	0	5	5	0	0.1	0.1	-1.5	-1.58	3	3	0	2100	2100	0
8/10/2023 14:24	17804 GILB_T2	0	0	0	0	0	0	-0.46	-0.46	0	0	0	0	0	0
8/10/2023 14:26	28604 BLYT_T2	0	0	0	0	0	0	-1.22	-1.22	0	0	0	0	0	0
8/10/2023 14:27	10805 CHHI_T2	1	1	0	7.9	7.6	-0.3	-1.44	-1.48	2	2	0	1800	1800	0
8/10/2023 14:29	52403 GRPA_T2	1	2	1	0.4	0.3	-0.1	0.33	0.33	0	0	0	0	0	0
8/10/2023 14:31	15703 TANN_T2	2	2	0	6.75	6.7	-0.05	0	0	0	0	0	0	0	0
8/10/2023 14:32	10705 CATA_T2	0	0	0	0	0	0	-1.86	-1.82	1	1	0	900	900	0
8/10/2023 14:32	64801 MONE_T2	0	0	0	0	0	0	0.57	0.57	0	0	0	0	0	0
8/10/2023 14:34	61202 REIN_T1	1	5	4	0.1	0.14	0.04	0	0	1	1	0	900	900	0
8/10/2023 14:37	52502 PROG_T2	0	0	0	0	0	0	-0.32	-0.3	1	1	0	900	900	0
8/10/2023 14:43	61202 REIN_T1	1	5	4	0.1	0.14	0.04	0	0	1	1	0	900	900	0
8/10/2023 14:44	53501 EVIL_T2	1	1	0	0.2	0.2	0	-0.73	-0.74	3	3	0	1800	1800	0
8/10/2023 14:49	66901 SHIL_T2	0	0	0	0	0	0	-1.22	-1.16	1	1	0	1200	1200	0
8/10/2023 14:51	65603 QVIL_T2	1	1	0	9.1	9.4	0.3	0	0	0	0	0	0	0	0
8/10/2023 14:54	61202 REIN_T1	5	4	-1	0.14	0.13	-0.01	0	0	1	1	0	900	900	0
8/10/2023 14:55	67401 WAKE_T2	0	0	0	0	0	0	-0.71	-0.7	0	0	0	0	0	0
8/10/2023 14:55	29401 BELT_T1	2	31	29	0.1	0.17	0.07	0	0	1	1	0	900	900	0
8/10/2023 15:02	10705 CATA_T2	0	0	0	0	0	0	-1.81	-1.82	1	1	0	900	900	0
8/10/2023 15:08	56802 BENV_T2	4	17	13	0.43	0.24	-0.19	-0.99	-0.98	0	0	0	0	0	0
8/10/2023 15:18	46702 RENO_T1	0	0	0	0.1	0	0	0.07	0.07	0	0	0	0	0	0
8/10/2023 15:21	54001 SDLE_T1	4	7	3	0.38	0.29	-0.09	0	0	0	0	0	0	0	0
8/10/2023 15:27	45002 LIME_2	0	0	0	0	0	0	0.01	0.01	0	0	0	0	0	0
8/10/2023 15:36	47401 PENS_T1	0	0	0	0	0	0	0.15	0.13	0	0	0	0	0	0
8/10/2023 15:37	54001 SDLE_T1	7	6	-1	0.23	0.43	0.2	0	0	0	0	0	0	0	0
8/10/2023 15:39	45002 LIME_2	0	0	0	0	0	0	0.01	0.01	0	0	0	0	0	0
8/10/2023 15:39	15001 BLMO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8/10/2023 15:44	61202 REIN_T1	0	1	1	0	0.1	0.1	0	0	1	1	0	900	900	0
8/10/2023 15:51	47403 PENS_T1	1	1	0	2.7	2.6	-0.1	0	0	0	0	0	0	0	0
8/10/2023 16:06	67503 WEWI_T2	0	0	0	0	0	0	0.15	0.16	0	0	0	0	0	0
8/10/2023 16:33	42201 SHEN_T2	0	0	0	0	0	0	0.3	0.3	1	1	0	600	600	0
8/10/2023 16:42	52404 GRPA_T2	0	0	0	0	0	0	0.39	0.36	0	0	0	0	0	0
8/10/2023 16:45	55002 NEWP_T1	4	4	0	0.65	0.53	-0.12	0	0	0	0	0	0	0	0
8/10/2023 16:58	61202 REIN_T1	0	0	0	0	0	0	0	0	1	1	0	900	900	0
8/10/2023 18:41	43402 BENT_T1	0	0	0	0	0	0	-0.87	-0.88	1	1	0	900	900	0
8/10/2023 20:04	55001 NEWP_T1	0	0	0	0	0	0	-0.24	-0.24	1	1	0	600	600	0
8/10/2023 20:04	67204 TEHI_T2	0	0	0	0	0	0	-0.04	-0.05	0	0	0	0	0	0
8/10/2023 20:06	64101 REFR_T1	0	0	0	0	0	0	0.35	0.33	0	0	0	0	0	0
8/10/2023 20:07	48302 ORWI_T2	2	2	0	1.75	1.6	-0.15	-0.03	-0.03	0	0	0	0	0	0
8/10/2023 20:09	59101 WALK_T2	1	1	0	0	0	0	1.24	1.2	1	1	0	450	450	0
8/10/2023 20:11	62607 ENGL_T1	1	1	0	4.5	4.4	-0.1	0	0	0	0	0	0	0	0
8/10/2023 20:17	41902 REED_T1	6	5	-1	1.45	1	-0.45	0	0	0	0	0	0	0	0
8/10/2023 20:22	20402 ASHF_T2	2	1	-1	0.15	0.2	0.05	0	0	0	0	0	0	0	0
8/10/2023 20:24	59101 WALK_T2	1	1	0	0	0	0	1.2	1.3	1	1	0	450	450	0
8/10/2023 20:27	15001 BLMO_T1	1	1	0	1.9	0.2	-1.7	0	0	0	0	0	0	0	0
8/10/2023 20:29	62604 ENGL_T1	0	0	0	0	0	0	-1.15	-1.16	1	1	0	600	600	0
8/10/2023 20:33	55001 NEWP_T1	0	0	0	0	0	0	-0.25	-0.26	1	1	0	600	600	0
8/10/2023 20:34	57303 MOAL_T2	1	1	0	7.2	7.3	0.1	0	0	0	0	0	0	0	0
8/10/2023 20:35	66504 SMAN_T2	0	0	0	0	0	0	-2.02	-1.74	2	2	0	2400	2400	0
8/10/2023 20:36	56802 BENV_T2	1	1	0	0.4	0.4	0	-0.35	-0.36	0	0	0	0	0	0
8/10/2023 20:36	57401 SPAN_T1	1	2	1	0.1	0.6	0.5	-0.74	-0.71	1	1	0	600	600	0
8/10/2023 20:37	45901 AUBU_T1	0	0	0	0	0	0	1.79	1.77	0	0	0	0	0	0
8/10/2023 20:42	61801 EEU_T2	2	2	0	0.6	0.7	0.1	-0.37	-0.33	1	1	0	600	600	0
8/10/2023 20:46	52404 GRPA_T2	1	1	0	0.4	0.8	0.4	0	0	0	0	0	0	0	0
8/10/2023 20:52	56802 BENV_T2	1	1	0	0.2	0.4	0.2	-0.36	-0.37	0	0	0	0	0	0
8/10/2023 20:57	11104 EGYP_T1	5	5	0	0.68	0.7	0.02	0	0	0	0	0	0	0	0
8/10/2023 20:59	28403 HART_T2	0	0	0	0	0	0	-0.47	-0.48	1	1	0	900	900	0
8/10/2023 21:04	59402 RFLD_T2	8	25	17	0.3	0.27	-0.03	-1.15	-1.15	1	1	0	450	450	0
8/10/2023 21:04	66505 SMAN_T2	0	0	0	0	0	0	0.48	0.42	2	2	0	1500	1500	0
8/10/2023 21:07	59101 WALK_T2	1	1	0	0	0	0	1.13	1.28	1	1	0	450	450	0
8/10/2023 21:07	44301 BEAV_T2	0	0	0	0	0	0	-0.08	0.17	1	1	0	600	600	0
8/10/2023 21:11	42701 AUGU_T1	0	1	1	0	0.1	0.1	0	0	2	2	0	1800	1800	0
8/10/2023 21:13	40101 HUNT_T2	0	0	0	0	0	0	-0.48	-0.49	0	0	0	0	0	0
8/10/2023 21:13	61202 REIN_T1	32	56	24	0.37	0.48	0.11	0	0	1	1	0	900	900	0
8/10/2023 21:14	54701 NEBL_T1	5	2	-3	0.32	0.3	-0.02	0	0	1	1	0	600	600	0
8/10/2023 21:14	63403 HONY_T2	0	0	0	0	0	0	-0.26	-0.27	1	1	0	600	600	0
8/10/2023 21:18	61202 REIN_T1	42	58	16	0.38	0.6	0.22	0	0	1	1	0	900	900	0
8/10/2023 21:20	10705 CATA_T2	0	0	0	0	0	0	-1.87	-1.91	1	1	0	900	900	0
8/10/2023 21:32	10705 CATA_T2	0	0	0	0	0	0	-1.87	-1.91	1	1	0	900	900	0
8/10/2023 21:35	55002 NEWP_T1	6	6	0	0.9	1.1	0.2	-0.14	-0.14	0	0	0	0	0	0
8/10/2023 21:41	62607 ENGL_T1	1	1	0	5.6	4.8	-0.8	0	0	0	0	0	0	0	0
8/10/2023 21:49	64801 MONE_T2	0	23	23	0	0.16	0.16	0	0	0	0	0	0	0	0
8/10/2023 21:49	66703 STRA_T1	1	7	6	0.4	0.5	0.1	0	-0.02	0	0	0	0	0	0
8/10/2023 22:07	17804 GILB_T2	0	1	1	0	0	0	0	0	0	0	0	0	0	0
8/10/2023 22:09	67502 WEWI_T2	2	116	114	0.1	0.14	0.04	0	0	0	0	0	0	0	0
8/10/2023 22:09	10801 CHHI_T1	0	0	0	0	0	0	-1.09	-1.1	2	2	0	1500	1500	0
8/10/2023 22:11	65604 QVIL_T2	0	0	0	0	0	0	0.55	0.53	0	0	0	0	0	0
8/10/2023 22:13	61202 REIN_T1	44	51	7	0.32	0.36	0.04	0	0	1	1	0

Appendix C - Grid Benefits Achieved in Each Instance of Active Management

8/11/2023 0:28	28403 HART_T2	0	0	0	0	0	0	-0.53	-0.53	1	1	0	900	900	0
8/11/2023 0:28	55001 NEWP_T1	0	0	0	0	0	0	-0.5	-0.52	1	1	0	600	600	0
8/11/2023 0:28	15001 BLMO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8/11/2023 0:28	56802 BENV_T2	1	1	0	0.3	0.4	0.1	-3.69	-3.72	0	0	0	0	0	0
8/11/2023 0:28	29401 BELT_T1	0	0	0	0	0	0	0	0	1	1	0	900	900	0
8/11/2023 0:28	40902 JESH_T1	0	0	0	0	0	0	-0.87	-0.87	1	1	0	600	600	0
8/11/2023 0:28	59101 WALK_T2	1	1	0	0	0	0	0.75	0.91	1	1	0	450	450	0
8/11/2023 0:28	44502 HAMI_T2	1	1	0	3.4	2.9	-0.5	-0.79	-0.79	0	0	0	0	0	0
8/11/2023 0:28	64801 MONE_T2	0	0	0	0	0	0	0.39	0.37	0	0	0	0	0	0
8/11/2023 3:43	61202 REIN_T1	61	61	0	0.62	0.59	-0.03	0	0	0	0	0	0	0	0
8/11/2023 4:47	61202 REIN_T1	60	55	-5	0.45	0.32	-0.13	0	0	0	0	0	0	0	0
8/11/2023 8:07	45901 AUBU_T1	0	0	0	0	0	0	1.73	1.63	0	0	0	0	0	0
8/11/2023 8:20	67001 STHI_T2	2	1	-1	0.3	0.5	0.2	0	0	0	0	0	0	0	0
8/11/2023 8:28	61202 REIN_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8/11/2023 8:32	54701 NEBL_T1	1	2	1	1.4	0.8	-0.6	0	0	1	1	0	600	600	0
8/11/2023 8:33	55002 NEWP_T1	6	6	0	1.17	0.92	-0.25	-0.13	-0.13	0	0	0	0	0	0
8/11/2023 8:33	61202 REIN_T1	0	4	4	0	0.13	0.13	0	0	0	0	0	0	0	0
8/11/2023 8:41	53601 DALM_T2	1	1	0	0.4	0.5	0.1	-0.24	-0.24	2	2	0	1500	1500	0
8/11/2023 8:42	56802 BENV_T2	13	89	76	0.28	0.18	-0.1	-1.17	-1.15	0	0	0	0	0	0
8/11/2023 8:43	61202 REIN_T1	0	4	4	0	0.13	0.13	0	0	0	1	1	0	900	900
8/11/2023 8:44	40101 HUNT_T2	3	2	-1	0.43	0.15	-0.28	-0.25	-0.24	0	0	0	0	0	0
8/11/2023 8:48	61202 REIN_T1	4	4	0	0	0.18	0.18	0	0	0	1	1	0	900	900
8/11/2023 8:54	51906 COPA_T1	0	0	0	0	0	0	-0.77	-0.77	2	2	0	1500	1500	0
8/11/2023 8:58	61202 REIN_T1	0	4	4	0	0.18	0.18	0	0	1	1	0	900	900	0
8/11/2023 9:06	67204 TEHI_T2	0	0	0	0	0	0	0.07	0.08	0	0	0	0	0	0
8/11/2023 9:16	58402 MORO_T1	0	0	0	0	0	0	-1.52	-1.53	3	3	0	2400	2400	0
8/11/2023 9:16	48302 ORWI_T2	2	2	0	1.15	0.9	-0.25	-0.04	-0.02	0	0	0	0	0	0
8/11/2023 9:21	67204 TEHI_T2	0	0	0	0	0	0	0.08	0.09	0	0	0	0	0	0
8/11/2023 9:22	45901 AUBU_T1	0	0	0	0	0	0	1.69	1.67	0	0	0	0	0	0
8/11/2023 9:28	45802 HEGI_T2	0	0	0	0	0	0	0.77	0.68	1	1	0	300	300	0
8/11/2023 9:31	43202 MVIL_T2	0	0	0	0	0	0	-0.58	-0.57	0	0	0	0	0	0
8/11/2023 9:38	59101 WALK_T2	1	2	-1	0	0	0	1.47	1.8	0	0	0	0	0	0
8/11/2023 9:41	45902 AUBU_T1	0	0	0	0	0	0	-0.37	-0.29	1	1	0	600	600	0
8/11/2023 9:42	40902 JESH_T1	0	0	0	0	0	0	-0.51	-0.58	1	1	0	600	600	0
8/11/2023 9:43	61202 REIN_T1	3	5	2	0.17	0.16	-0.01	0	0	1	1	0	900	900	0
8/11/2023 9:50	55001 NEWP_T1	0	0	0	0	0	0	-0.28	-0.26	1	1	0	600	600	0
8/11/2023 9:50	46701 RENO_T1	1	1	0	1	1.5	0.5	0	0	0	0	0	0	0	0
8/11/2023 9:53	15001 BLMO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8/11/2023 9:56	60101 COCA_T1	0	0	0	0	0	0	0.75	0.78	0	0	0	0	0	0
8/11/2023 9:58	40101 HUNT_T2	8	5	-3	0.79	0.4	-0.39	-0.12	-0.1	0	0	0	0	0	0
8/11/2023 10:00	20403 ASHF_T2	1	1	0	0.1	0.7	0.6	0	0	0	0	0	0	0	0
8/11/2023 10:00	52401 GRPA_T2	1	1	0	0.2	0.2	0	0	0	0	0	0	0	0	0
8/11/2023 10:00	65901 SAKR_T2	0	0	0	0	0	0	-0.4	-0.83	1	2	1	900	1500	600
8/11/2023 10:00	67604 WARW_T1	0	0	0	0	0	0	0.22	0.25	0	0	0	0	0	0
8/11/2023 10:00	52503 PROG_T2	0	0	0	0	0	0	-0.35	-0.32	1	1	0	900	900	0
8/11/2023 10:00	15001 BLMO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8/11/2023 10:00	41901 REED_T1	1	6	5	0.2	0.23	0.03	-1.15	-1.14	1	1	0	900	900	0
8/11/2023 10:00	12604 MACA_T1	0	0	0	0	0	0	0.61	0.63	0	0	0	0	0	0
8/11/2023 10:00	64801 MONE_T2	0	0	0	0	0	0	0.55	0.57	0	0	0	0	0	0
8/11/2023 10:00	56601 HAMP_T1	0	0	0	0	0	0	-0.03	-0.04	0	0	0	0	0	0
8/11/2023 10:01	48302 ORWI_T2	2	2	0	0.9	0.95	0.05	0.01	0.02	0	0	0	0	0	0
8/11/2023 10:05	44201 POIN_T1	47	45	-2	0.58	0.34	-0.24	0.64	0.47	2	2	0	2100	2100	0
8/11/2023 10:07	66505 SMAN_T2	0	0	0	0	0	0	0.29	0.24	3	3	0	2100	2100	0
8/11/2023 10:07	20401 ASHF_T2	1	1	0	0.9	0.4	-0.5	0	0	0	0	0	0	0	0
8/11/2023 10:07	48302 ORWI_T2	2	2	0	0.9	0.95	0.05	0.02	0.03	0	0	0	0	0	0
8/11/2023 10:08	59101 WALK_T2	2	2	0	0.1	0	-0.1	1.91	1.86	0	0	0	0	0	0
8/11/2023 10:09	43304 WATS_T2	0	0	0	0	0	0	-0.38	-0.35	0	0	0	0	0	0
8/11/2023 10:11	53501 EVIL_T2	1	0	-1	0.5	0	-0.5	-0.07	0.03	1	1	0	600	600	0
8/11/2023 10:11	15001 BLMO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8/11/2023 10:11	17804 GILB_T2	0	1	1	0	0.5	0.5	-0.44	-0.44	0	0	0	0	0	0
8/11/2023 10:18	61202 REIN_T1	3	4	1	0.13	0.2	0.07	0	0	1	1	0	900	900	0
8/11/2023 10:19	16402 MOPO_T1	0	0	0	0	0	0	-0.04	0.05	0	0	0	0	0	0
8/11/2023 10:19	66504 SMAN_T2	0	0	0	0	0	0	-1.5	-1.55	2	2	0	2400	2400	0
8/11/2023 10:21	47401 PENS_T1	2	4	2	0.1	0.33	0.23	0.21	0.19	0	0	0	0	0	0
8/11/2023 10:21	52502 PROG_T2	0	0	0	0	0	0	-0.27	-0.25	1	1	0	900	900	0
8/11/2023 10:23	45902 AUBU_T1	0	2	2	0	0	0	-0.21	-0.25	1	1	0	600	600	0
8/11/2023 10:27	17804 GILB_T2	1	1	0	0.5	0.3	-0.2	0	0	0	0	0	0	0	0
8/11/2023 10:31	28403 HART_T2	0	0	0	0	0	0	-0.5	-0.48	1	1	0	900	900	0
8/11/2023 10:31	64802 MONE_T2	0	2	2	0	0.2	0.2	0.17	0.17	0	0	0	0	0	0
8/11/2023 10:32	55002 NEWP_T1	5	5	0	0.84	1.06	0.22	0	0	0	0	0	0	0	0
8/11/2023 10:32	66703 STRA_T1	0	0	0	0	0	0	0.39	0.45	0	0	0	0	0	0
8/11/2023 10:36	55002 NEWP_T1	5	5	0	0.84	1.06	0.22	0	0	0	0	0	0	0	0
8/11/2023 10:36	67502 WEWI_T2	0	0	0	0	0	0	-0.74	-0.73	1	1	0	900	900	0
8/11/2023 10:36	15701 TANN_T1	1	1	0	4.1	4.1	0	0	0	0	0	0	0	0	0
8/11/2023 10:40	59101 WALK_T2	1	1	0	0	0	0	1.59	1.41	1	1	0	450	450	0
8/11/2023 10:41	15001 BLMO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8/11/2023 10:42	53501 EVIL_T2	0	0	0	0	0	0	0	0.04	1	1	0	600	600	0
8/11/2023 10:44	45002 LIME_2	0	0	0	0	0	0	0.01	0.01	0	0	0	0	0	0
8/11/2023 10:44	45702 LIND_T2	0	0	0	0	0	0	-0.14	-0.11	0	0	0	0	0	0
8/11/2023 10:46	55002 NEWP_T1	5	5	0	1.06	0.88	-0.18	0	0	0	0	0	0	0	0
8/11/2023 10:48	57303 MOAL_T2	1	1	0	7.2	7.4	0.2	0	0	0	0	0	0	0	0
8/11/2023 10:52	28604 BLYT_T2	0	0	0	0	0	0	-1.12	-1.11	0	0	0	0	0	0
8/11/2023 10:53	53903 HALI_T2	3	4	1	0.7	0.55	-0.15	0	0.01	0	0	0	0	0	0
8/11/2023 10:53	15001 BLMO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8/11/2023 10:54	45602 WOOL_T1	0	0	0	0	0	0	0.71	0.73	0	0	0	0	0	0
8/11/2023 10:58	62601 ENGL_T1	0	1	1	0	0	0	0	0	0	0	0	0	0	0
8/11/2023 10:58	53903 HALI_T2	3	4	1	0.7	0.55	-0.15	0	0.01	0	0	0	0	0	0
8/11/2023 10:59	53501 EVIL_T2	0	1	1	0	0.1	0.1	0.04	-0.34	1	2	1	600	1500	900
8/11/2023 10:59	28403 HART_T2	0	0	0	0	0	0	-0.47	-0.46	1	1	0	900	900	0
8/11/2023 11:01	52403 GRPA_T2	0	1	1	0	0.8	0.8	-0.2	-0.18	0	0	0	0	0	0
8/11/2023 11:02	55001 NEWP_T1	0	0	0	0	0	0	-0.21	-0.19	1	1	0	600	600	0
8/11/2023 11:03	56802 BENV_T2	1	2	1	1	0.6	-0.4	-0.89	-0.87	0	0	0	0	0	0
8/11/2023 11:04	56803 BENV_T1	1	0	-1	2.7	0	-2.7	0.68	0.68	0	0	0	0	0	0
8/11/2023 11:08	59101 WALK_T2	1	2	1	0	0.6	0.6	1.1	1.31	1	1	0	450	450	0
8/11/2023 11:10	67503 WEWI_T2	0	0	0	0	0	0	0.2	0.22	0	0	0	0	0	0
8/11/2023 11:11	10805 CHHI_T2	1	1	0	9.6	9.7	0.1	-0.8	-0.84	2	2	0	1800	1800	0
8/11/2023 11:12	61801 EELI_T2	0	1	1	0	0	0	-0.14	-0.12	1	1	0	600	600	0
8/11/2023 11:12	29401 BELT_T1	1	52	51	0.2	0.25	0.05	0	0	0	0	0	0	0	0
8/11/2023 11:14	45003 LIME_2	1	1	0	0.9	1	0.1	0	0	0	0	0	0	0	0
8/11/2023 11:16	58402 MORO_T1	0	0	0	0	0	0	-1.69	-1.66	3	3	0	2400	2400	0
8/11/2023 11:19	65604 QVIL_T2	0	0	0	0	0	0	0.69	0.71	0	0	0	0	0	0
8/11/2023 11:21	52502 PROG_T2	0	0	0	0	0	0	-0.16	-0.11	1	1	0	900	900	0
8/11/2023 11:24	43106 SMIL_T2	1	0	-1	0.2	0	-0.2	0	0	0	0	0	0	0	0
8/11/2023 11:24	29402 BELT_T1	6	87	81	0.45	0.48	0.03	0	0	0	0	0	0	0	0
8/11/2023 11:24	10805 CHHI_T2	1	2	1	9.8	9.7	-0.1	-0.84	-0.72	2	2	0	1800	1800	0
8/11/2023 11:27	60803 BUCK_T1	0	0	0	0	0	0	-0.9	-0.91	1	1	0	600	600	0
8/11/2023 11:27	41801 GOCI_T2	2	3	1	0.5	0.77	0.27	0	0	0	0	0	0	0	0
8/11/2023 11:30	44502 HAMI_T2	1	1	0	1.4	1.4	0	-0.5	-0.49	0	0	0	0	0	0
8/11/2023 11:33	56802 BENV_T2	1	2	1	0.6	0.15	-0.45	-0.89	-0.87	0	0	0	0	0	0
8/11/2023 11:36	57401 SPAN_T1	0	1	1	0	0.3	0.3	0	0	0	0	0	0	0	0
8/11/2023 11:36	48302 ORWI_T2	2	2	0	0.55	0.65	0.1	0.09	0.1	0	0	0	0	0	0
8/11/2023 11:37	29401 BELT_T1	52	28	-24	0.25	0.19	-0.06	0	0	0	0	0	0	0	0
8/11/2023 11:44	59003 MIFF_T1	0	2	2	0	0.2	0.2	-0.07	-0.82	0	0	0	0	0	0
8/11/2023 11:46	63402 HONY_T2	1	1	0	0.2	0.3	0.1	0	0	0	0	0	0	0	0
8/11/2023 11:47	56802 BENV_T2	0	2	2	0	0.35	0.35	-0.87	-0.84	0	0	0	0	0	0
8/11/2023 11:48	52403 GRPA_T2	10	4	-6	0.31	0.7	0.39	-0.14	-0.13	0	0	0	0	0	0
8/11/2023 11:48	57304 MOAL_T2	0	2	2	0	0	0	0.13	0.19	0	0	0	0	0	0
8/11/2023 11:50	59101 WALK_T2	2	3	1	0.3	0.15	-0.15	1.47	1.32	1	1	0	450	450	0
8/11/2023 11:51	44203 POIN_T2	7	7	0	0.84	0.82	-0.02	0.32	0.19	2	2	0	2100	2100	0
8/11/2023 11:52	29401 BELT_T1	28	19	-9	0.19	0.17	-0.02	0	0	1	1	0	900	900	0
8/11/2023 11:54	47401 PENS_T1	2	4	2	0.15	0.4	0.25	0.47	0.57	0	0	0	0	0	0
8/11/2023 11:54	11104 EGYP_T1	5	7	2	1.32	1.81	0.49	1.06	1.08	0	0	0	0	0	0
8/11/2023 11:58	62602 ENGL_T1	0	1	1	0	0.2	0.2	0	0	0	0	0	0	0	0
8/11/2023 12:00	59002 MIFF_T1	1	0	-1	0.1	0	-0.1	0	0	0	0	0	0	0	0
8/11/2023 12:08	47401 PENS_T1	1	4	3	0.2	0.4	0.2	0.57	0.52	0	0	0	0	0	0
8/11/2023 12:11	11101 EGYP_T1	1	1	0	0.6	0.5	-0.1	0	0	0	0	0	0	0	0
8/11/2023 12:40	47401 PENS_T1	1	1	0	0.2	0	-0.2	0.5	0.49	0	0	0	0	0	0
8/11/2023 12:59	52404 GRPA_T2	0	0	0	0	0	0	0.38	0.47	0	0	0	0	0	0
8/11/2023 13:01	52403 GRPA_T2	3	0	-3	0.9	0	-0.9	0	0	0	0	0	0	0	0
8/11/2023 13:01	59301 MCAL_T1	0	3	3	0	0.67	0.67	-1.05	-1.69	0	1	1	0	600	600
8/11/2023 13:02	56802 BENV_T2	1	1	0	0.1	0.6	0.5	-0.85	-0.83	0	0	0	0	0	0
8/11/2023 13:07	56802 BENV_T2	1	1	0	0.1	0.6	0.5	-0.83	-0.82	0	0	0	0	0	0
8/11/2023 14:03	64305 LINC_T1	1	1	0	1.2	1.3	0.1	0	0	0	0	0	0	0	0
8/11/2023 14:06	15703 TANN_T2	2	2	0	7.5	7.45	-0.05	0	0	0	0	0	0	0	0
8/11/2023 14:22	42201 SHEN_T2	1	1	0	0.2	0.3	0.1	0.32	0.35	1	1	0	600	600	0
8/11/2023 14:24	55101 WERT_T1	0	0	0	0	0	0	-1.82	-1.89	4	4	0	3300	3300	0
8/11/2023 14:25	16302 ALPA_T2	0	0	0	0	0	0	0.2	0.09	0	0	0	0	0	0
8/11/2023 14:27	52403 GRPA_T2	0	0	0	0	0	0	-0.08	-0.02	0	0	0	0	0	0
8/11/2023 14:27	29402 BELT_T1	15	4	-11	0.29	0.4	0.11	0	0	0	0	0	0	0	0
8/11/2023 14:36	65603 QVIL_T2	0	1	1	8.7	9	0.3	0	0	0	0	0	0	0	0
8/11/2023 14:36	56501 ROCK_T2	0	1	1	0	0.5	0.5	0	0	0	0	0	0	0	0
8/11/2023 14:42	44802 EDAN_T2	0	0	0	0	0	0	-1.54	-1.53	1	1	0	1200	1200	0
8/11/2023 14:46	55002 NEWP_T1	1	1	0	0.8	1.1	0.3	-0.01	0	0	0	0	0	0	0
8/11/2023 14:48	56802 BENV_T2	0	0	0	0	0	0	-0.76	-0.75	0	0	0	0	0	0
8/11/2023 14:49	15703 TANN_T2	2	2	0	7.45	7.4	-0.05	0	0	0	0	0	0	0	0
8/11/2023 14:49	59402 RFLD_T2	0	1	1	0	0	0	-1.01	-1.04	1	1	0	450	450	0
8/11/2023 14:50	64101 REFR_T1	10	10	0	1.54	0.92	-0.62	-0.02	-0.02	0	0	0	0	0	0
8/11/2023 14:56	44802 EDAN_T2	0	0	0	0	0	0	-1.53	-1.52	1	1	0	1200	1200	0
8/11/2023 14:56	41602 CLEV_T1	0	17	17	0	0.77	0.77	0	0	1	1	0	600	600	0
8/11/2023 14:58	52403 GRPA_T2	0	2	2	0	0	0	-0.02	-0.01	0	0	0	0	0	0
8/11/2023 15:01	55001 NEWP_T1	2	3	1	0.6	0.8	0.2	-0.03	-0.02	1	1	0	600	600	0
8/11/2023 15:03	12701 MACU_T1	0	1	1	0	0	0	-0.63	-0.62	1	1	0	1200	1200	0
8/11/2023 15:07	56504 ROCK_T2	9	7	-2	0.43	0.6	0.17	0.44	0.44	0	0	0	0	0	0
8/11/2023 15:12	52404 GRPA_T2	0	0	0	0	0	0	-0.08	-0.08	0	0	0	0	0	0
8/11/2023 15:22	57401 SPAN_T1	0	1	1	0	0.4	0.4	-0.26	-0.17	1	1	0	600	600	0
8/11/2023 15:36	57401 SPAN_T1	1	1	0	0.4	0	-0.4	-0.17	-0.17	1	1	0	600	600	0
8/11/2023 15:48	43101 SMIL_T2	0	1	1	0	0.8	0.8	0	0	0	0	0	0	0	0
8/11/2023 15:52	67602 WARW_T2	0	0	0	0	0	0	0.88	0.91	2	2	0	1500	1500	0
8/11/2023 16:12	58803 COCO_T1	1	1	0	1.7	1.6	-0.1	-0.11	-0.13	0	0	0	0	0	0
8/11/2023 16:15	62604 ENGL_T1	0	0	0	0	0	0	-0.87	-0.86	1	1	0	600	600	0
8/11/2023 16:31	15203 SFAR_T2	1	1	0	0.3	0.4	0.1	0	0	0	0	0	0	0	0
8/11/2023 16:37	55101 WERT_T1	0	2	2	0	0	0	-1.83	-1.84	4	4	0	3300	3300	0
8/11/2023 16:39	10801 CHHI_T1	50	129	79	0.51	0.55	0.04	-1.08	-1.05	3	3	0	2100	2100	0
8/11/2023 16:50	65902 SAKR_T2	0	0	0	0	0	0	-0.96	-1.1	2	2	0	1200	1200	0
8/11/2023 16:51	55101 WERT_T1	2	0	-2	0.15	0	-0.15	-1.84	-1.99	4	4	0	3300	3300	0
8/11/2023 17:01	52402 GRPA_T2	3	3	0	0.7	1.7	1	0	0	0	0	0	0	0	0
8/11/2023 17:01	41602 CLEV_T1	5	22	17	0.24	0.28	0.04	0	0	1	1	0	600	600	0
8/11/2023 17:14	62607 ENGL_T1	1	2	1	7.8	6.8	-1	0	0	0	0	0	0	0	0
8/11/2023 19:01	53903 HALI_T2	2	2	0	0.3	0.6	0.3	0.04	0.03	0	0	0	0	0	0
8/11/2023 20:05	66505 SMAN_T2	0	0	0	0	0	0	0	0	3	3	0	2100	2100	0
8/11/2023 20:06	59101 WALK_T2	1	1	0	0	0	0	0.62	0.8	2	2	0	1050	1050	0
8/11/2023 20:06	48302 ORWI_T2	2	3	1	1.85	2.9	1.05	0.12	0.11	0	0	0	0	0	0
8/11/2023 20:08	43304 WATS_T2	2	1	-1	0.25	0	-0.25	-0.59	-0.25	0	0	0	0	0	0
8/11/2023 20:11	15001 BLMO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8/11/2023 20:13	53501 EVIL_T2	0	0	0	0	0	0	-1.06	-1.09	2	2	0	1200	1200	0
8/11/2023 20:17	16402 MOPO_T1	0	0	0	0	0	0	0.96	0.94	0	0	0	0	0	0
8/11/2023 20:23	66504 SMAN_T2	0	0	0	0	0	0	-1.46	-1.49	2	2	0	2400	2400	0
8/11/2023 20:29	66703 STRA_T1	0	0	0	0	0	0	0.34	0.43	0	0	0	0	0

Appendix C - Grid Benefits Achieved in Each Instance of Active Management

8/11/2023 22:07	44801 EDAN_T2	1	1	0	0.9	0.6	-0.3	0	0	0	0	0	0	0
8/11/2023 22:07	62607 ENGL_T1	1	1	0	6.8	6.6	-0.2	0	0	0	0	0	0	0
8/11/2023 22:07	65604 QVIL_T2	0	1	1	0	0	0	0.61	0.59	0	0	0	0	0
8/11/2023 22:09	58803 COCO_T1	2	2	0	2.95	1.9	-1.05	-0.57	-0.65	0	0	0	0	0
8/11/2023 22:09	42201 SHEN_T2	0	0	0	0	0	0	0.16	0.14	1	1	0	600	600	0
8/11/2023 22:09	56802 BENV_T2	1	2	1	0.5	0.25	-0.25	-1.08	-1.09	0	0	0	0	0	0
8/11/2023 22:10	28403 HART_T2	0	0	0	0	0	0	-0.49	-0.51	1	1	0	900	900	0
8/11/2023 22:11	52402 GRPA_T2	5	4	-1	1.32	1.2	-0.12	0	0	0	0	0	0	0	0
8/11/2023 22:12	62607 ENGL_T1	1	1	0	6.8	6.6	-0.2	0	0	0	0	0	0	0	0
8/11/2023 22:12	52402 GRPA_T2	5	4	-1	1.32	1.2	-0.12	0	0	0	0	0	0	0	0
8/11/2023 22:12	12701 MACU_T1	0	0	0	0	0	0	-0.98	-0.99	1	1	0	1200	1200	0
8/11/2023 22:15	65902 SAKR_T2	0	0	0	0	0	0	-0.11	-0.13	0	0	0	0	0	0
8/11/2023 22:17	55101 WERT_T1	0	0	0	0	0	0	-1.38	-1.39	2	2	0	1800	1800	0
8/11/2023 22:19	52402 GRPA_T2	3	4	1	1.4	1.2	-0.2	0	0	0	0	0	0	0	0
8/11/2023 22:19	44801 EDAN_T2	1	1	0	0.6	0.8	0.2	0	0	0	0	0	0	0	0
8/11/2023 22:22	57401 SPAN_T1	0	0	0	0	0	0	-0.48	-0.31	1	1	0	600	600	0
8/11/2023 22:29	56501 ROCK_T2	2	2	0	0.2	0.2	0	0	0	0	0	0	0	0	0
8/11/2023 22:50	56501 ROCK_T2	0	2	2	0	0.3	0.3	0	0	0	0	0	0	0	0
8/11/2023 0:28	44502 HAMI_T2	1	1	0	3.5	3.6	0.1	-0.81	-0.83	0	0	0	0	0	0
8/11/2023 0:28	41801 GOCI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8/11/2023 0:28	23401 HONE_T2	0	0	0	0	0	0	-0.25	-0.26	0	0	0	0	0	0
8/11/2023 0:28	15702 TANN_T2	0	0	0	0	0	0	1.09	1.08	0	0	0	0	0	0
8/11/2023 0:28	64101 REFR_T1	0	0	0	0	0	0	0.35	0.34	0	0	0	0	0	0
8/11/2023 0:28	11104 EGYP_T1	0	0	0	0	0	0	1.22	1.2	0	0	0	0	0	0
8/11/2023 0:28	17804 GILB_T2	0	0	0	0	0	0	-0.45	-0.45	0	0	0	0	0	0
8/11/2023 0:28	62604 ENGL_T1	0	0	0	0	0	0	-1.34	-1.36	1	1	0	600	600	0
8/11/2023 0:28	20403 ASHF_T2	0	0	0	0	0	0	0.22	0.2	0	0	0	0	0	0
8/11/2023 0:28	67502 WEWI_T2	0	0	0	0	0	0	-1.29	-1.34	1	1	0	900	900	0
8/11/2023 0:28	28604 BLYT_T2	0	0	0	0	0	0	-1.32	-1.33	0	0	0	0	0	0
8/11/2023 0:28	29402 BELT_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8/11/2023 0:28	41901 REED_T1	0	0	0	0	0	0	-2.01	-2.01	1	1	0	900	900	0
8/11/2023 0:28	65604 QVIL_T2	0	0	0	0	0	0	0.45	0.43	0	0	0	0	0	0
8/11/2023 0:28	29402 BELT_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8/11/2023 0:28	45002 LIME_2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8/11/2023 0:28	10801 CHHI_T1	0	0	0	0	0	0	-1.19	-1.22	2	2	0	1500	1500	0
8/11/2023 0:28	45902 AUBU_T1	0	0	0	0	0	0	-0.33	-0.34	0	0	0	0	0	0
8/11/2023 0:28	10805 CHHI_T2	1	1	0	8	8	0	-2.09	-2.13	2	2	0	1200	1200	0
8/11/2023 0:28	64305 LINC_T1	0	3	3	0	0.1	0.1	0	0	0	0	0	0	0	0
8/11/2023 0:28	44201 POIN_T1	0	17	17	0	0	0	-1.46	-1.5	2	2	0	2100	2100	0
8/11/2023 0:28	16302 ALPA_T2	0	0	0	0	0	0	0.74	0.75	0	0	0	0	0	0
8/11/2023 0:28	41602 CLEV_T1	0	0	0	0	0	0	0	0	2	2	0	1200	1200	0
8/11/2023 0:28	57401 SPAN_T1	0	2	2	0	0.1	0.1	-0.4	-0.53	1	1	0	600	600	0
8/11/2023 0:28	15001 BLMO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8/11/2023 0:28	52502 PROG_T2	0	0	0	0	0	0	-0.47	-0.49	1	1	0	900	900	0
8/11/2023 0:28	47401 PENS_T1	0	0	0	0	0	0	1.97	2.03	0	0	0	0	0	0
8/11/2023 0:28	55101 WERT_T1	0	0	0	0	0	0	-1.31	-1.36	2	2	0	1500	1500	0
8/11/2023 0:32	52403 GRPA_T2	0	0	0	0	0	0	-0.18	-0.2	0	0	0	0	0	0
8/11/2023 0:44	67602 WARW_T2	0	0	0	0	0	0	0.54	0.54	1	1	0	1200	1200	0
8/11/2023 7:52	29402 BELT_T1	208	200	-8	0.7	0.71	0.01	0	0	0	0	0	0	0	0
8/11/2023 8:10	29402 BELT_T1	198	134	-64	0.71	0.8	0.09	0	0	0	0	0	0	0	0
8/11/2023 8:16	58402 MORO_T1	0	0	0	0	0	0	-1.16	-1.15	2	2	0	1500	1500	0
8/11/2023 8:21	59101 WALK_T2	1	3	2	0	0	0	1.58	1.56	0	0	0	0	0	0
8/11/2023 8:23	45902 AUBU_T1	0	3	3	0	0	0	0	0	0	0	0	0	0	0
8/11/2023 8:23	67002 STHI_T2	0	0	0	0	0	0	0.77	0.78	0	0	0	0	0	0
8/11/2023 8:28	63804 HEMP_T1	1	1	0	6.5	6.2	-0.3	0	0	0	0	0	0	0	0
8/11/2023 8:32	58402 MORO_T1	0	0	0	0	0	0	-1.15	-1.14	2	2	0	1500	1500	0
8/11/2023 9:01	40101 HUNT_T2	0	0	0	0	0	0	-0.59	-0.56	0	0	0	0	0	0
8/11/2023 9:08	59101 WALK_T2	1	1	0	0	0	0	1.16	1.24	1	1	0	450	450	0
8/11/2023 9:11	52404 GRPA_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8/11/2023 9:14	52402 GRPA_T2	1	1	0	2.3	2.4	0.1	0	0	0	0	0	0	0	0
8/11/2023 9:25	29402 BELT_T1	73	39	-34	0.53	0.3	-0.23	0	0	0	0	0	0	0	0
8/11/2023 9:30	43202 MVIL_T2	0	0	0	0	0	0	-0.66	-0.65	0	0	0	0	0	0
8/11/2023 9:31	48302 ORWI_T2	2	2	0	0.8	0.6	-0.2	-0.09	-0.07	0	0	0	0	0	0
8/11/2023 9:34	42001 MNVL_T2	0	0	0	0	0	0	0.18	0.18	0	0	0	0	0	0
8/11/2023 9:46	40901 JESH_T1	1	1	0	0.4	0.5	0.1	0	0	0	0	0	0	0	0
8/11/2023 9:47	45902 AUBU_T1	0	0	0	0	0	0	-0.78	-0.73	1	1	0	600	600	0
8/11/2023 9:48	61202 REIN_T1	41	31	-10	0.33	0.24	-0.09	0	0	1	1	0	900	900	0
8/11/2023 9:50	41902 REED_T1	0	15	15	0	0.3	0.3	0	0	0	0	0	0	0	0
8/11/2023 10:00	52503 PROG_T2	0	0	0	0	0	0	-0.49	-0.46	1	1	0	900	900	0
8/11/2023 10:00	56601 HAMP_T1	0	0	0	0	0	0	-0.16	-0.13	0	0	0	0	0	0
8/11/2023 10:00	67604 WARW_T1	0	0	0	0	0	0	0.06	0.09	0	0	0	0	0	0
8/11/2023 10:00	65901 SAKR_T2	0	0	0	0	0	0	-0.75	-0.57	1	1	0	900	900	0
8/11/2023 10:00	20401 ASHF_T2	1	1	0	0.3	0	-0.3	-0.02	0.01	1	1	0	600	600	0
8/11/2023 10:00	12604 MACA_T1	0	0	0	0	0	0	0.49	0.51	0	0	0	0	0	0
8/11/2023 10:00	15604 NSTR_T1	0	0	0	0	0	0	0.28	0.29	0	0	0	0	0	0
8/11/2023 10:00	48302 ORWI_T2	2	2	0	0.6	0.55	-0.05	-0.07	-0.05	0	0	0	0	0	0
8/11/2023 10:00	64801 MONE_T2	0	0	0	0	0	0	0.6	0.64	0	0	0	0	0	0
8/11/2023 10:08	56803 BENV_T1	1	1	0	2.7	2.6	-0.1	0.48	0.5	0	0	0	0	0	0
8/11/2023 10:08	29402 BELT_T1	35	33	-2	0.34	0.42	0.08	0	0	0	0	0	0	0	0
8/11/2023 10:11	28403 HART_T2	0	0	0	0	0	0	-0.43	-0.41	1	1	0	900	900	0
8/11/2023 10:12	52403 GRPA_T2	0	0	0	0	0	0	-0.62	-0.59	0	0	0	0	0	0
8/11/2023 10:12	40101 HUNT_T2	0	1	1	0	0	0	-0.45	-0.44	0	0	0	0	0	0
8/11/2023 10:13	46506 LOHA_T1	0	1	1	0	0.1	0.1	-1.46	-1.44	1	1	0	900	900	0
8/11/2023 10:14	17804 GILB_T2	0	0	0	0	0	0	-0.4	-0.39	0	0	0	0	0	0
8/11/2023 10:17	16402 MOPO_T1	0	0	0	0	0	0	-0.41	-0.4	0	0	0	0	0	0
8/11/2023 10:19	66505 SMAN_T2	0	0	0	0	0	0	-0.34	-0.09	3	3	0	2100	2100	0
8/11/2023 10:22	56802 BENV_T2	0	0	0	0	0	0	-1.03	-1.1	0	0	0	0	0	0
8/11/2023 10:24	28604 BLYT_T2	0	0	0	0	0	0	-1.16	-1.14	0	0	0	0	0	0
8/11/2023 10:24	45602 WOOL_T1	0	0	0	0	0	0	0.59	0.61	0	0	0	0	0	0
8/11/2023 10:25	56801 BENV_T1	12	9	-3	0.78	0.41	-0.37	0	0	0	0	0	0	0	0
8/11/2023 10:25	20401 ASHF_T2	0	1	1	0	0.1	0.1	0	0	0	0	0	0	0	0
8/11/2023 10:26	58803 COCO_T1	2	2	0	1.7	1.85	0.15	-0.77	-0.74	0	0	0	0	0	0
8/11/2023 10:26	15001 BLMO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8/11/2023 10:27	61303 EARL_T1	0	0	0	0	0	0	0.12	0.15	0	0	0	0	0	0
8/11/2023 10:33	65604 QVIL_T2	0	0	0	0	0	0	0.65	0.67	0	0	0	0	0	0
8/11/2023 10:37	15001 BLMO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8/11/2023 10:38	58803 COCO_T1	2	2	0	1.85	1.7	-0.15	-0.74	-0.71	0	0	0	0	0	0
8/11/2023 10:39	11104 EGYP_T1	6	5	-1	0.53	0.68	0.15	0.98	1.01	0	0	0	0	0	0
8/11/2023 10:39	53501 EVIL_T2	1	1	0	0.2	0.1	-0.1	-0.26	-0.23	0	0	0	0	0	0
8/11/2023 10:39	43301 WATS_T2	0	0	0	0	0	0	-0.41	-0.39	1	1	0	900	900	0
8/11/2023 10:43	63401 HONY_T1	0	0	0	0	0	0	0.29	0.28	0	0	0	0	0	0
8/11/2023 10:43	17805 GILB_T2	0	0	0	0	0	0	0.55	0.28	0	0	0	0	0	0
8/11/2023 10:43	47901 HRDG_T1	0	0	0	0	0	0	0.11	0.29	1	1	0	1200	1200	0
8/11/2023 10:43	46506 LOHA_T1	0	1	1	0	0.4	0.4	-1.42	-1.4	1	1	0	900	900	0
8/11/2023 10:48	42201 SHEN_T2	0	0	0	0	0	0	0.21	0.22	1	1	0	600	600	0
8/11/2023 10:49	66505 SMAN_T2	0	0	0	0	0	0	0.55	-0.06	2	4	2	1500	2300	800
8/11/2023 10:51	66703 STRA_T1	0	0	0	0	0	0	0.49	0.48	0	0	0	0	0	0
8/11/2023 10:52	60803 BUCK_T1	0	1	1	0	0.2	0.2	-0.88	-0.83	1	1	0	600	600	0
8/11/2023 10:53	54001 SDLE_T1	1	1	0	0.6	0.3	-0.3	0	0	1	1	0	600	600	0
8/11/2023 10:58	62604 ENGL_T1	0	0	0	0	0	0	-1.13	-1.04	1	1	0	600	600	0
8/11/2023 11:00	67503 WEWI_T2	0	0	0	0	0	0	0.15	0.18	0	0	0	0	0	0
8/11/2023 11:03	54701 NEBL_T1	0	0	0	0	0	0	0	0	1	1	0	600	600	0
8/11/2023 11:03	44203 POIN_T2	7	6	-1	0.81	0.84	0.03	0.53	0.51	1	1	0	900	900	0
8/11/2023 11:05	53501 EVIL_T2	0	1	1	0	0.4	0.4	-0.2	-0.18	0	0	0	0	0	0
8/11/2023 11:06	67204 TEHI_T2	0	0	0	0	0	0	-0.02	-0.01	0	0	0	0	0	0
8/11/2023 11:08	10805 CHHI_T2	1	1	0	9.5	8.9	-0.6	-0.83	-0.75	1	1	0	600	600	0
8/11/2023 11:09	29402 BELT_T1	9	29	20	0.28	0.25	-0.03	0	0	0	0	0	0	0	0
8/11/2023 11:14	42903 MIDD_T2	2	2	0	1.95	1.9	-0.05	0	0	0	0	0	0	0	0
8/11/2023 11:15	63403 HONY_T2	0	0	0	0	0	0	-0.29	-0.7	1	1	0	600	600	0
8/11/2023 11:17	64801 MONE_T2	0	1	1	0	0.4	0.4	0.8	0.01	0	0	0	0	0	0
8/11/2023 11:18	64101 REFR_T1	3	8	5	0.17	1.05	0.88	0.37	0.41	0	0	0	0	0	0
8/11/2023 11:20	44203 POIN_T2	6	5	-1	0.73	1.05	0.32	0.53	0.72	1	1	0	900	900	0
8/11/2023 11:21	43304 WATS_T2	0	0	0	0	0	0	-0.42	-0.4	0	0	0	0	0	0
8/11/2023 11:23	45402 WBLO_T2	1	0	-1	1.1	0	-1.1	-0.3	-0.26	0	0	0	0	0	0
8/11/2023 11:25	41602 CLEV_T1	2	3	1	0.85	0.5	-0.35	0	0	1	1	0	600	600	0
8/11/2023 11:26	10805 CHHI_T2	1	2	1	8.9	8.9	0	-0.75	-0.74	1	1	0	600	600	0
8/11/2023 11:27	28403 HART_T2	0	0	0	0	0	0	-0.35	-0.34	1	1	0	900	900	0
8/11/2023 11:32	46504 LOHA_T1	4	4	0	0.35	1.33	0.98	0	0	0	0	0	0	0	0
8/11/2023 11:32	64301 LINC_T1	0	0	0	0	0	0	-0.97	-0.89	1	1	0	600	600	0
8/11/2023 11:33	65902 SAKR_T2	1	1	0	0.1	0	-0.1	-0.26	-0.33	1	1	0	300	300	0
8/11/2023 11:43	53601 DALM_T2	0	1	1	0	0.2	0.2	0.1	0.14	0	0	0	0	0	0
8/11/2023 11:46	64101 REFR_T1	8	10	2	0.78	1.14	0.36	0.44	0.47	0	0	0	0	0	0
8/11/2023 11:46	46503 LOHA_T1	0	1	1	0	0	0	0	0	0	0	0	0	0	0
8/11/2023 12:00	52401 GRPA_T2	1	0	-1	0.1	0	-0.1	0	0	0	0	0	0	0	0
8/11/2023 12:01	45702 LIND_T2	0	0	0	0	0	0	-0.2	-0.18	0	0	0	0	0	0
8/11/2023 12:02	64101 REFR_T1	10	10	0	1.14	2.3	1.16	0.47	0.5	0	0	0	0	0	0
8/11/2023 12:11	11101 EGYP_T1	1	1	0	0.3	0.1	-0.2	0	0	0	0	0	0	0	0
8/11/2023 12:13	52401 GRPA_T2	1	0	-1	0.1	0	-0.1	0	0	0	0	0	0	0	0
8/11/2023 12:17	47401 PENS_T1	5	4	-1	0.82	0.23	-0.59	1.56	0.45	0	0	0	0	0	0
8/11/2023 12:22	59101 WALK_T2	12	10	-2	0.3	0.35	0.05	1.68	1.09	1	2	1	450	1050	600
8/11/2023 12:25	62105 ELAN_T1	0	0	0	0	0	0	0.95	0.98	0	0	0	0	0	0
8/11/2023 12:33	52502 PROG_T2	1	0	-1	0.9	0	-0.9	0.04	0.08	1	1	0	900	900	0
8/11/2023 12:36	47401 PENS_T1	1	4	3	0.1	0.27	0.17	0.47	0.58	0	0	0	0	0	0
8/11/2023 12:40	52401 GRPA_T2	0	4	4	0	0	0	0	0	0	0	0	0	0	0
8/11/2023 12:55	42701 AUGU_T1	0	1	1	0	0	0	0	0	2	2	0	1800	1800	0
8/11/2023 13:05	60501 NMAN_T2	3	3	0	3.63	3.43	-0.2	0	0	0	0	0	0	0	0
8/11/2023 13:07	56501 ROCK_T2	0	5	5	0	0.4	0.4	0	0	0	0	0	0	0	0
8/11/2023 13:08	44302 BEAV_T2	69	62	-7	0.29	0.44	0.15	0.39	0.4	0	0	0	0	0	0
8/11/2023 13:32	47402 PENS_T1	0	1	1	0	0	0	0	0	0	0	0	0	0	0
8/11/2023 13:36	59101 WALK_T2	1	13	12	0	0	0	0.66	0.89	2	2	0	1050	1050	0
8/11/2023 13:39	43304 WATS_T2	1	0	-1	0.1	0	-0.1	-0.64	-0.63	0	0	0	0	0	0
8/11/2023 13:51	47401 PENS_T1	10	15	5	0.47	0.6	0.13	0.61	0.66	0	0	0	0	0	0
8/11/2023 13:58	25402 LAHA_T2	0	0	0	0	0	0	-0.3	-0.25	0	0	0	0	0	0
8/11/2023 13:58	60101 COCA_T1	0	1	1	0	0.4	0.4	-0.23	-0.26	1	1	0	1200	1200	0
8/11/2023 14:03	52401 GRPA_T2	21	47	26	0.54	0.52	-0.02	0	0	0	0	0	0	0	0
8/11/2023 14:03	52502 PROG_T2	0	1	1	0	0	0	0.23	0.26	1	1	0	900	900	0
8/11/2023 14:06	67602 WARW_T2	0	0	0	0	0	0	0.51	0.52	2	2	0	1500	1500	0
8/11/2023 14:13	10801 CHHI_T1	18	134	116	0.68	0.73	0.05	-1.14	-1.11	3	3	0	2100	2100	0
8/11/2023 14:15	12701 MACU_T1	0	0	0	0	0	0	-0.74	-0.73	1	1	0	1200	1200	0
8/11/2023 14:15	45802 HEGI_T2	2	1	-1	1.1	0.8	-0.3	0.31	0.31	1	1	0	300	300	0
8/11/2023 14:20	44505 HAMI_T2	1	7	6	0.2	0.13	-0.07	0	0	0	0	0	0	0	0
8/11/2023 14:22	56501 ROCK_T2	3	9	6	0.17	0.57	0.4	-2.16	-2.14	0	0	0	0	0	0
8/11/2023 14:23	16302 ALPA_T2	0	0	0	0	0	0	-0.02	-0.01	0	0	0	0	0	0
8/11/2023 14:24	10602 BLGL_T2	2	15	13	2.75	1.43	-1.32	0.98	1.04	0	0	0	0	0	0
8/11/2023 14:26	27102 GFLD_T2	1	1	0	0.4	0.6	0.2	0	0	0	0	0	0	0	0
8/11/2023 14:26	43304 WATS_T2	4	5	1	0.23	0.38	0.15	-0.59	-0.57	0	0	0	0	0	0
8/11/2023 14:29	61801 EELI_T2	0	0	0	0	0	0	-0.22	-0.22	1	1	0	600	600	0
8/11/2023 14:35	59402 RFLD_T2	0	0	0	0	0	0	-0.98	-0.98	1	1	0	450	450	0
8/11/2023 14:37	25801 SUTR_T2	0	1	1	0	0	0	0.29	0.3	0	0	0	0	0	0
8/11/2023 14:39	60803 BUCK_T1	0	1	1	0	0	0	-0.33	-0.33	1	1	0	600	600	0
8/11/2023 14:40	44801 EDAN_T2	4	2	-2	0.73	1.5	0.77	0	0	0	0	0	0	0	0
8/11/2023 14:40	16302 ALPA_T2	0	0	0	0	0	0	-0.01	0	0	0	0	0	0	0
8/11/2023 14:40	29402 BELT_T1	152	155	3	1.34	1.29	-0.05	0	0	0	0	0	0	0	0
8/11/2023 14:42	52403 GRPA_T2	4	3	-1	0.65	0.9	0.25	0	0	0	0	0	0	0	0
8/11/2023 14:44	12701 MACU_T1	0	0	0	0	0	0	-0.72	-0.71	1	1	0	1200	1200	0
8/11/2023 14:47	65503 MOJO_T2	0	0	0	0	0	0	-0.1	-0.11	1	1	0	900	900	0
8/11/2023 14:50	46302 ROHR_T1	5	9	4	1.22	1.1	-0.12	0.41	0.39	0	0	0	0	0	0
8/11/2023 14:52	56501 ROCK_T2	7	7	0	0.51	0.26	-0.25	0	0	0	0	0	0	0	0
8/11/2023 14:54	44801 EDAN_T2	1	5	4	1.7	0.8	-0.9	0	0	0	0	0	0	0

8/12/2023 21:44	47401 PENS_T1	1	0	-1	0.3	0	-0.3	0.22	0.17	0	0	0	0	0	0
8/12/2023 21:45	52401 GRPA_T2	0	1	1	0	0.2	0.2	0	0	0	0	0	0	0	0
8/12/2023 21:45	46504 LOHA_T1	2	2	0	1.3	1.4	0.1	0	0	0	0	0	0	0	0
8/12/2023 21:49	59101 WALK_T2	1	1	0	0	0	0	0.69	0.53	2	2	0	1050	1050	0
8/12/2023 21:51	52403 GRPA_T2	1	0	-1	1.3	0	-1.3	0	0	0	0	0	0	0	0
8/12/2023 21:52	65503 MOJO_T2	0	0	0	0	0	0	-0.67	-0.69	1	1	0	900	900	0
8/12/2023 21:53	56501 ROCK_T2	36	1	-35	0.14	0	-0.14	0	0	0	0	0	0	0	0
8/12/2023 21:53	10602 BLGL_T2	1	10	9	8.8	9	0.2	0.54	0.52	0	0	0	0	0	0
8/12/2023 21:54	59101 WALK_T2	1	1	0	0	0	0	0.53	0.62	2	2	0	1050	1050	0
8/12/2023 21:54	45702 LIND_T2	1	1	0	0.2	0.2	0	-0.31	-0.32	0	0	0	0	0	0
8/12/2023 21:55	25801 SUTR_T2	0	0	0	0	0	0	0.18	0.18	0	0	0	0	0	0
8/12/2023 21:55	60803 BUCK_T1	7	7	0	0.26	0.27	0.01	-0.83	-0.23	1	1	0	600	600	0
8/12/2023 21:56	25402 LAHA_T2	0	0	0	0	0	0	-0.66	-0.67	0	0	0	0	0	0
8/12/2023 21:59	43402 BENT_T1	0	0	0	0	0	0	-0.86	-0.86	1	1	0	900	900	0
8/12/2023 21:59	59101 WALK_T2	1	1	0	0	0	0	0.53	0.62	2	2	0	1050	1050	0
8/12/2023 22:00	60101 COCA_T1	0	0	0	0	0	0	0.77	0.76	0	0	0	0	0	0
8/12/2023 22:00	12701 MACU_T1	0	0	0	0	0	0	-0.88	-0.89	1	1	0	1200	1200	0
8/12/2023 22:00	53501 EVIL_T2	0	1	1	0	0.1	0.1	-0.18	-0.22	0	0	0	0	0	0
8/12/2023 22:01	64101 REFR_T1	0	0	0	0	0	0	-0.11	-0.12	0	0	0	0	0	0
8/12/2023 22:01	15001 BLMO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8/12/2023 22:03	43301 WATS_T2	1	1	0	1	1	0	0	0	0	0	0	0	0	0
8/12/2023 22:04	61801 EELI_T2	1	1	0	0.2	0	-0.2	-0.22	-0.25	1	1	0	600	600	0
8/12/2023 22:07	52404 GRPA_T2	0	1	1	0	0.1	0.1	0	0	0	0	0	0	0	0
8/12/2023 22:11	46302 ROHR_T1	3	3	0	0.37	0.9	0.53	0.24	0.23	0	0	0	0	0	0
8/13/2023 0:28	57303 MOAL_T2	1	8	7	7.5	7.4	-0.1	0	0	0	0	0	0	0	0
8/13/2023 0:28	44802 EDAN_T2	0	0	0	0	0	0	-4.62	-4.75	2	2	0	2400	2400	0
8/13/2023 0:28	47401 PENS_T1	0	0	0	0	0	0	4.25	4.31	0	0	0	0	0	0
8/13/2023 0:28	45402 WBLO_T2	2	1	-1	0.25	0.3	0.05	-1.54	-0.62	1	0	-1	900	0	-900
8/13/2023 0:28	44203 POIN_T2	0	1	1	0.2	0	-0.05	-0.09	-0.09	2	2	0	1800	1800	0
8/13/2023 0:28	43301 WATS_T2	1	1	0	0.8	1	0.2	-0.47	-0.48	1	1	0	900	900	0
8/13/2023 0:28	52401 GRPA_T2	0	0	0	0	0	0	0	-0.41	0	0	0	0	0	0
8/13/2023 0:28	12701 MACU_T1	0	0	0	0	0	0	-1.03	-1.04	1	1	0	1200	1200	0
8/13/2023 0:28	65902 SAKR_T2	0	0	0	0	0	0	-0.26	-0.3	1	1	0	300	300	0
8/13/2023 0:28	63404 HONY_T1	2	2	0	8.5	8.65	0.15	0	0	0	0	0	0	0	0
8/13/2023 0:28	53601 DALM_T2	1	1	0	0.4	0.7	0.3	0.03	0.03	0	0	0	0	0	0
8/13/2023 0:28	42903 MIDD_T2	10	24	14	0.61	0.38	-0.23	0	0	0	0	0	0	0	0
8/13/2023 0:28	47901 HRDG_T1	0	0	0	0	0	0	0.32	0.28	1	1	0	1200	1200	0
8/13/2023 0:28	10805 CHHI_T2	1	1	0	8.5	8.5	0	-1.74	-1.8	2	2	0	1200	1200	0
8/13/2023 0:28	29402 BELT_T1	31	57	26	0.33	0.42	0.09	0	0	0	0	0	0	0	0
8/13/2023 0:28	66505 SMAN_T2	0	0	0	0	0	0	0.16	0.64	2	1	-1	1500	900	-600
8/13/2023 0:28	56501 ROCK_T2	0	0	0	0	0	0	-1.23	-1.25	0	0	0	0	0	0
8/13/2023 0:28	48302 ORWI_T2	2	3	1	0.85	1.15	0.3	-0.08	-0.09	0	0	0	0	0	0
8/13/2023 0:28	43301 WATS_T2	1	1	0	0.8	1	0.2	-0.47	-0.48	1	1	0	900	900	0
8/13/2023 0:28	52502 PROG_T2	0	0	0	0	0	0	-0.32	-0.35	1	1	0	900	900	0
8/13/2023 0:28	56501 ROCK_T2	0	0	0	0	0	0	-1.23	-1.25	0	0	0	0	0	0
8/13/2023 0:28	11104 EGYP_T1	0	0	0	0	0	0	0.69	0.63	0	0	0	0	0	0
8/13/2023 0:28	60502 NMAN_T2	0	0	0	0	0	0	-0.08	-0.1	0	0	0	0	0	0
8/13/2023 0:28	64801 MONE_T2	0	0	0	0	0	0	-0.25	-0.26	0	0	0	0	0	0
8/13/2023 0:28	44502 HAMI_T2	1	1	0	2.9	3	0.1	-0.82	-0.76	0	0	0	0	0	0
8/13/2023 0:28	53501 EVIL_T2	0	1	1	0	0.3	0.3	-0.44	-0.46	0	0	0	0	0	0
8/13/2023 0:28	29402 BELT_T1	31	57	26	0.33	0.42	0.09	0	0	0	0	0	0	0	0
8/13/2023 0:28	28604 BLYT_T2	0	0	0	0	0	0	-1.29	-1.3	0	0	0	0	0	0
8/13/2023 0:28	17804 GILB_T2	0	0	0	0	0	0	-0.44	-0.45	0	0	0	0	0	0
8/13/2023 0:28	15001 BLMO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8/13/2023 0:28	16302 ALPA_T2	0	0	0	0	0	0	1.74	1.7	0	0	0	0	0	0
8/13/2023 0:28	67503 WEWI_T2	0	0	0	0	0	0	0.18	0.16	0	0	0	0	0	0
8/13/2023 0:28	67602 WARW_T2	0	0	0	1	0	0	0.51	0.5	1	1	0	1200	1200	0
8/13/2023 0:28	45302 WBER_T2	0	0	0	0	0	0	1.68	1.69	0	0	0	0	0	0
8/13/2023 0:28	56802 BENV_T2	0	0	0	0	0	0	-1.07	-1.06	0	0	0	0	0	0
8/13/2023 0:28	52402 GRPA_T2	2	2	0	1.95	2.05	0.1	0	-0.54	0	0	0	0	0	0
8/13/2023 0:28	20403 ASHF_T2	0	0	0	0	0	0	0.33	0.31	0	0	0	0	0	0
8/13/2023 0:28	10801 CHHI_T1	0	0	0	0	0	0	-1.73	-1.76	3	3	0	2100	2100	0
8/13/2023 0:28	28403 HART_T2	0	0	0	0	0	0	-0.5	-0.51	1	1	0	900	900	0
8/13/2023 0:28	45802 HEGI_T2	0	0	0	0	0	0	0.46	0.39	0	0	0	0	0	0
8/13/2023 0:28	41602 CLEV_T1	0	0	0	0	0	0	0	0	1	1	0	600	600	0
8/13/2023 8:09	29402 BELT_T1	83	74	-9	0.59	0.52	-0.07	0	0	0	0	0	0	0	0
8/13/2023 8:15	58402 MORO_T1	1	1	0	2.1	1.4	-0.7	-0.98	-1	2	2	0	1500	1500	0
8/13/2023 8:30	58402 MORO_T1	1	1	0	1.8	0.9	-0.9	-1	-1.01	2	2	0	1500	1500	0
8/13/2023 8:35	45901 AUBU_T1	0	0	0	0	0	0	0.88	0.88	0	0	0	0	0	0
8/13/2023 8:50	44901 SCOT_T2	0	0	0	0	0	0	-0.18	-0.1	0	0	0	0	0	0
8/13/2023 9:00	40101 HUNT_T2	0	1	1	0	0	0	-0.65	-0.6	0	0	0	0	0	0
8/13/2023 9:19	48302 ORWI_T2	2	2	0	0.75	0.45	-0.3	-0.04	-0.02	0	0	0	0	0	0
8/13/2023 9:24	29402 BELT_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8/13/2023 9:34	43202 MVIL_T2	0	0	0	0	0	0	-0.65	-0.64	0	0	0	0	0	0
8/13/2023 9:35	42201 SHEN_T2	0	0	0	0	0	0	0.18	0.19	1	1	0	600	600	0
8/13/2023 9:38	59101 WALK_T2	2	2	0	0.9	0	-0.9	1.29	0.83	2	2	0	1050	1050	0
8/13/2023 9:39	58803 COCO_T1	2	2	0	0.95	0.95	0	-0.65	-0.57	0	0	0	0	0	0
8/13/2023 9:46	12006 HATF_T1	1	10	9	3.8	0.67	-3.13	-0.11	-0.09	0	0	0	0	0	0
8/13/2023 9:48	41901 REED_T1	0	2	2	0	0.4	0.4	-1.89	-1.88	1	1	0	900	900	0
8/13/2023 9:50	48302 ORWI_T2	2	2	0	0.35	0.25	-0.1	0.03	0.05	0	0	0	0	0	0
8/13/2023 10:00	12604 MACA_T1	0	0	0	0	0	0	0.68	0.71	0	0	0	0	0	0
8/13/2023 10:00	20401 ASHF_T2	0	1	1	0	0.4	0.4	0.14	0.14	1	1	0	600	600	0
8/13/2023 10:00	52503 PROG_T2	0	0	0	0	0	0	-0.33	-0.3	1	1	0	900	900	0
8/13/2023 10:00	64801 MONE_T2	0	0	0	0	0	0	0.74	0.77	0	0	0	0	0	0
8/13/2023 10:00	67604 WARW_T1	0	0	0	0	0	0	0.26	0.28	0	0	0	0	0	0
8/13/2023 10:00	40101 HUNT_T2	1	1	0	0.8	0.7	-0.1	-0.53	-0.5	0	0	0	0	0	0
8/13/2023 10:00	65901 SAKR_T2	0	0	0	0	0	0	-1.06	-1.02	2	2	0	1500	1500	0
8/13/2023 10:00	56601 HAMP_T1	0	0	0	0	0	0	-0.06	-0.07	0	0	0	0	0	0
8/13/2023 10:05	40902 JESH_T1	0	0	0	0	0	0	-0.69	-0.67	1	1	0	600	600	0
8/13/2023 10:07	45902 AUBU_T1	15	5	-10	0.24	0.18	-0.06	-0.84	-0.81	1	1	0	600	600	0
8/13/2023 10:07	20403 ASHF_T2	0	0	0	0	0	0	0.56	0.71	0	0	0	0	0	0
8/13/2023 10:07	66505 SMAN_T2	0	0	0	0	0	0	0.07	0.08	4	4	0	2300	2300	0
8/13/2023 10:12	52401 GRPA_T2	0	0	0	0	0	0	-0.36	-0.36	0	0	0	0	0	0
8/13/2023 10:12	15001 BLMO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8/13/2023 10:14	28403 HART_T2	0	0	0	0	0	0	-0.4	-0.38	1	1	0	900	900	0
8/13/2023 10:19	16402 MOPO_T1	0	0	0	0	0	0	-0.31	-0.31	0	0	0	0	0	0
8/13/2023 10:21	66505 SMAN_T2	0	0	0	0	0	0	0.08	-0.01	4	4	0	2300	2300	0
8/13/2023 10:22	29402 BELT_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8/13/2023 10:23	56801 BENV_T1	9	9	0	0.59	0.63	0.04	0	0	0	0	0	0	0	0
8/13/2023 10:26	52403 GRPA_T2	3	0	-3	0.53	0	-0.53	-0.52	-0.52	0	0	0	0	0	0
8/13/2023 10:27	41602 CLEV_T1	1	5	4	1.6	0.2	-1.4	0	0	1	1	0	600	600	0
8/13/2023 10:28	45802 HEGI_T2	0	0	0	0	0	0	0.52	0.65	0	0	0	0	0	0
8/13/2023 10:32	41902 REED_T1	0	3	3	0	0	0	1.18	1.19	0	0	0	0	0	0
8/13/2023 10:33	66702 STRA_T1	0	0	0	0	0	0	0.33	0.34	0	0	0	0	0	0
8/13/2023 10:34	52502 PROG_T2	0	0	0	0	0	0	-0.17	-0.13	1	1	0	900	900	0
8/13/2023 10:34	47401 PENS_T1	4	8	4	0.73	0.58	-0.15	0.14	0.11	0	0	0	0	0	0
8/13/2023 10:38	28604 BLYT_T2	0	0	0	0	0	0	-1.19	-1.17	0	0	0	0	0	0
8/13/2023 10:41	56801 BENV_T1	6	9	3	0.7	0.62	-0.08	0	0	0	0	0	0	0	0
8/13/2023 10:43	17803 GILB_T2	1	1	0	1.3	0.7	-0.6	0	0	0	0	0	0	0	0
8/13/2023 10:47	56504 ROCK_T2	0	0	0	0	0	0	0.23	0.26	0	0	0	0	0	0
8/13/2023 10:48	47401 PENS_T1	4	17	13	0.58	0.72	0.14	0.11	0.48	0	0	0	0	0	0
8/13/2023 10:51	59101 WALK_T2	5	1	-4	0.3	0	-0.3	0.7	0.76	2	2	0	1050	1050	0
8/13/2023 10:51	52502 PROG_T2	0	0	0	0	0	0	-0.09	-0.04	1	1	0	900	900	0
8/13/2023 10:52	56504 ROCK_T2	0	0	0	0	0	0	0.26	0.28	0	0	0	0	0	0
8/13/2023 10:53	42701 AUGU_T1	2	0	-2	0.85	0	-0.85	0	0	2	2	0	1800	1800	0
8/13/2023 10:54	29401 BELT_T1	0	0	0	0	0	0	0	0	1	1	0	900	900	0
8/13/2023 10:54	41602 CLEV_T1	5	9	4	0.66	0.68	0.02	0	0	1	1	0	600	600	0
8/13/2023 10:56	11102 EGYP_T1	3	6	3	1.03	1.23	0.2	0	0	0	0	0	0	0	0
8/13/2023 10:56	28403 HART_T2	0	0	0	0	0	0	-0.35	-0.34	1	1	0	900	900	0
8/13/2023 10:58	63403 HONY_T2	0	0	0	0	0	0	-0.07	-0.08	0	0	0	0	0	0
8/13/2023 11:01	47401 PENS_T1	8	73	65	0.73	0.45	-0.28	1.48	1.47	0	0	0	0	0	0
8/13/2023 11:01	44502 HAMI_T2	1	1	0	2.1	1.8	-0.3	-0.56	-0.57	0	0	0	0	0	0
8/13/2023 11:03	42903 MIDD_T2	2	3	1	2.35	1.37	-0.98	0	0	0	0	0	0	0	0
8/13/2023 11:04	56501 ROCK_T2	2	4	2	1.7	1.3	-0.4	0	0	0	0	0	0	0	0
8/13/2023 11:04	66504 SMAN_T2	0	0	0	0	0	0	-1.59	-1.21	2	2	0	2400	2400	0
8/13/2023 11:06	60803 BUCK_T1	1	1	0	0.1	0	-0.1	-0.83	-0.82	1	1	0	600	600	0
8/13/2023 11:07	44302 BEAV_T2	143	114	-29	0.38	0.38	0	0.43	0.43	0	0	0	0	0	0
8/13/2023 11:07	42701 AUGU_T1	0	0	0	0	0	0	0	0	2	2	0	1800	1800	0
8/13/2023 11:08	60801 BUCK_T1	24	13	-11	0.24	0.23	-0.01	0	0	0	0	0	0	0	0
8/13/2023 11:08	10805 CHHI_T2	8	29	21	2.69	1.91	-0.78	-0.64	-0.57	1	1	0	600	600	0
8/13/2023 11:09	43304 WATS_T2	0	0	0	0	0	0	-0.71	-0.69	0	0	0	0	0	0
8/13/2023 11:15	17805 GILB_T2	0	1	1	0	0.1	0.1	-0.47	-0.44	0	0	0	0	0	0
8/13/2023 11:20	54701 NEBL_T1	0	0	0	0	0	0	0	0	1	1	0	600	600	0
8/13/2023 11:20	67204 TEHI_T2	0	0	0	0	0	0	0.02	0.03	0	0	0	0	0	0
8/13/2023 11:21	56501 ROCK_T2	3	2	-1	1.13	0.1	-1.03	0	0	0	0	0	0	0	0
8/13/2023 11:22	44302 BEAV_T2	110	97	-13	0.39	0.33	-0.06	0.43	0.43	0	0	0	0	0	0
8/13/2023 11:24	58803 COCO_T1	2	2	0	1.5	1.4	-0.1	-1.03	-1.01	1	1	0	600	600	0
8/13/2023 11:24	45402 WBLO_T2	0	2	2	0	0.75	0.75	-1.11	-1.11	1	1	0	900	900	0
8/13/2023 11:25	10805 CHHI_T2	12	25	13	2.18	0.99	-1.19	-0.57	-0.54	1	1	0	600	600	0
8/13/2023 11:29	52401 GRPA_T2	0	2	2	0	0.1	0.1	0	0	0	0	0	0	0	0
8/13/2023 11:33	45702 LIND_T2	0	1	1	0	0.3	0.3	-0.18	-0.16	0	0	0	0	0	0
8/13/2023 11:33	64301 LINC_T1	0	0	0	0	0	0	-0.8	-0.81	1	1	0	600	600	0
8/13/2023 11:35	43301 WATS_T2	0	1	1	0	0	0	-0.19	-0.17	1	1	0	900	900	0
8/13/2023 11:35	60501 NMAN_T2	3	3	0	3.67	4	0.33	0	0	0	0	0	0	0	0
8/13/2023 11:39	62105 ELAN_T1	0	2	2	0	0.1	0.1	1.02	1.05	0	0	0	0	0	0
8/13/2023 11:57	52402 GRPA_T2	1	4	3	1.9	1.2	-0.7	0	0	0	0	0	0	0	0
8/13/2023 12:02	45003 LIME_2	1	1	0	1.4	1.4	0	0	0	1	1	0	1200	1200	0
8/13/2023 12:12	52402 GRPA_T2	4	3	-1	1.08	0.75	-0.33	0	0	0	0	0	0	0	0
8/13/2023 12:15	45003 LIME_2	1	1	0	1.4	1.1	-0.3	0	0	1	1	0	1200	1200	0
8/13/2023 12:30	52404 GRPA_T2	0	0	0	0	0	0	-0.38	-0.45	0	0	0	0	0	0
8/13/2023 12:55	10801 CHHI_T1	7	8	1	0.49	0.36	-0.13	-1.11	-1.1	3	3	0	2100	2100	0
8/13/2023 13:37	29401 BELT_T1	0	0	0	0	0	0	0	0	1	1	0	900	900	0
8/13/2023 13:38	43304 WATS_T2	8	8	0	0.8	0.65	-0.15	-0.61	-0.6	0	0	0	0	0	0
8/13/2023 13:41	44301 BEAV_T2	3	5	2	0.27	0.3	0.03	0	0	0	0	0	0	0	0
8/13/2023 13:42	53903 HAU_T2	0	0	0	0	0	0	-0.04	-0.03	0	0	0	0	0	0
8/13/2023 13:49	40602 PIGR_T1	1	0	-1	0.1	0	-0.1	-1.1	-1.11	1	1	0	600	600	0
8/13/2023 13:52	64101 REFR_T1	10	11	1	1.43	1.84	0.41	0.01	0.02	0	0	0	0	0	0
8/13/2023 14:03	45003 LIME_2	5	2	-3	0.66	1.15	0.49	0	0	1	1	0	1200	1200	0
8/13/2023 14:13	45003 LIME_2	5	2	-3	0.66	1.15	0.49	0	0	1	1	0	1200	1200	0
8/13/2023 14:15	12701 MACU_T1	0	0	0	0	0	0	-0.71	-0.7	1	1	0	1200	1200	0
8/13/2023 14:17	45001 LIME_2	0	1	1	0	0	0	0	0	0	0	0	0	0	0
8/13/2023 14:21	44203 POIN_T2	9	14	5	1	1.1	0.1	0.51	0.54	1	1	0	900	900	0
8/13/2023 14:23	14404 SSLA_T1	0	1	1	0	5.1	5.1	0	0	0	0	0	0	0	0
8/13/2023 14:25	16302 ALPA_T2	0	0	0	0	0	0	-0.16	-0.17	0	0	0	0	0	0
8/13/2023 14:26	10801 CHHI_T1	13	58	45	0.48	0.52	0.04	-0.92	-1.04	3	3	0	2100	2100	0
8/13/2023 14:27	53601 DALM_T2	1	2	1	0.7	0	-0.7	0.25	0.25	0	0	0	0	0	0
8/13/2023 14:29	45001 LIME_2	0	1	1	0	0	0	0	0	0	0	0	0	0	0
8/13/2023 14:29	53501 EVIL_T2	3	4	1	1.43	0	-1.43	0	0.01	0	0	0	0	0	0
8/13/2023 14:32	59301 MCAL_T1	7	8	1	0.67	0.53	-0.14	-1.73	-1.73	1	1	0	600	600	0
8/13/2023 14:33	44203 POIN_T2	9	12	3	0.99	1.13	0.14	0.51	0.54	1	1	0	900	900	0
8/13/2023 14:34	59402 RFLD_T2	0	1	1	0	0	0	-1	-1	1	1	0	450	450	0
8/13/2023 14:36	47403 PENS_T1	0	1	1	0	2.8	2.8	0	0	0	0	0	0	0	0
8/13/2023 14:38	43301 WATS_T2	0	2	2	0	0	0	0	0	0	0	0	0	0	0
8/13/2023 14:39	29402 BELT_T1	55	1	-54	0.5	0	-0.5	0	0	0	0	0	0	0	0
8/13/2023 14:40	15001 BLMO_T1	7	10	3	0.7	1.03	0.33	0	0	0	0	0	0	0	0
8/13/2023 14:43	41801 GOCI_T2	1	1	0	0.1	0.2	0.1	0	0	0	0	0	0	0	0
8/13/2023 14:43	44802 EDAN_T2	0	0	0	0	0	0	-3.24	-3.25	1	1	0	1200	1200	0
8/13/2023 14:45	53501 EVIL_T2	3	10	7	0.73	0.1	-0.63	0.01	0.05	0	0	0	0	0	0

Appendix C - Grid Benefits Achieved in Each Instance of Active Management

8/14/2023 0:28	43301 WATS_T2	1	1	0	0.1	0.2	0.1	-0.45	-0.47	1	1	0	900	900	0
8/14/2023 0:28	40902 JESH_T1	0	0	0	0	0	0	-0.73	-0.74	1	1	0	600	600	0
8/14/2023 0:28	50701 SMEC_T1	0	0	0	0	0	0	-1.54	-1.59	1	1	0	900	900	0
8/14/2023 0:28	45001 LIME_2	0	12	12	0	0.13	0.13	0	0	0	0	0	0	0	0
8/14/2023 0:28	44901 SCOT_T2	0	0	0	0	0	0	-0.41	-0.42	0	0	0	0	0	0
8/14/2023 0:28	17805 GILB_T2	0	0	0	0	0	0	0.07	0.05	0	0	0	0	0	0
8/14/2023 0:28	52402 GRPA_T2	2	2	0	2.25	2.75	0.5	0	0	0	0	0	0	0	0
8/14/2023 0:28	25402 LAHA_T2	0	0	0	0	0	0	-0.77	-0.77	0	0	0	0	0	0
8/14/2023 0:28	10805 CHHI_T2	1	1	0	8.7	8.8	0.1	-1.22	-1.3	2	2	0	1200	1200	0
8/14/2023 0:28	44502 HAMI_T2	1	1	0	2.6	2.8	0.2	-1.62	-1.69	0	0	0	0	0	0
8/14/2023 0:28	40602 PGR_T1	0	0	0	0	0	0	-2.28	-2.33	2	2	0	1200	1200	0
8/14/2023 0:28	60101 COCA_T1	0	0	0	0	0	0	0.47	0.45	0	0	0	0	0	0
8/14/2023 0:28	16302 ALPA_T2	0	0	0	0	0	0	1.55	1.47	0	0	0	0	0	0
8/14/2023 0:28	56504 ROCK_T2	0	0	0	0	0	0	0.03	0.01	0	0	0	0	0	0
8/14/2023 0:28	62105 ELAN_T1	1	1	0	0.2	0.2	0	0.81	0.78	0	0	0	0	0	0
8/14/2023 0:28	59101 WALK_T2	1	1	0	0	0	0	1.53	1.56	0	0	0	0	0	0
8/14/2023 0:28	41902 REED_T1	0	0	0	0	0	0	0.99	0.98	0	0	0	0	0	0
8/14/2023 0:28	64301 LINC_T1	0	0	0	0	0	0	-0.28	-0.31	1	1	0	600	600	0
8/14/2023 0:28	45402 WILO_T2	2	2	0	0.65	0.7	0.05	-1.53	-0.64	1	0	-1	900	0	-900
8/14/2023 0:28	12701 MACU_T1	0	0	0	0	0	0	-2.03	-2.06	2	2	0	2400	2400	0
8/14/2023 0:28	52401 GRPA_T2	1	1	0	0.2	0.5	0.3	-0.44	-0.45	0	0	0	0	0	0
8/14/2023 0:28	42902 MIDD_T2	6	19	13	0.15	0.22	0.07	-0.44	-0.45	0	0	0	0	0	0
8/14/2023 0:28	63402 HONY_T2	1	1	0	0.8	0.8	0	0	0	0	0	0	0	0	0
8/14/2023 0:28	56801 BENV_T1	10	20	10	0.61	0.63	0.02	0	0	0	0	0	0	0	0
8/14/2023 0:28	63401 HONY_T1	0	0	0	0	0	0	-0.34	-0.33	1	1	0	600	600	0
8/14/2023 0:28	65503 MOJO_T2	0	0	0	0	0	0	-1.59	-1.63	2	2	0	1800	1800	0
8/14/2023 0:28	64801 MONE_T2	0	0	0	0	0	0	0.47	0.45	0	0	0	0	0	0
8/14/2023 0:28	11104 EGYP_T1	0	0	0	0	0	0	0.69	0.68	0	0	0	0	0	0
8/14/2023 0:28	60801 BUCK_T1	182	194	12	0.93	1.03	0.1	0	0	0	0	0	0	0	0
8/14/2023 0:28	66504 SMAN_T2	0	0	0	0	0	0	-2.46	-2.78	2	2	0	2400	2400	0
8/14/2023 0:28	42701 AUGU_T1	1	1	0	0.8	1.2	0.4	0	0	4	4	0	3600	3600	0
8/14/2023 0:28	16402 MOPO_T1	0	0	0	0	0	0	0.65	0.65	0	0	0	0	0	0
8/14/2023 0:28	10801 CHHI_T1	0	0	0	0	0	0	-1.13	-1.15	2	2	0	1500	1500	0
8/14/2023 0:28	60501 NMAN_T2	3	3	0	4	4.37	0.37	0	0	0	0	0	0	0	0
8/14/2023 0:28	52502 PROG_T2	0	0	0	0	0	0	-0.83	-0.88	0	2	2	0	1800	1800
8/14/2023 0:28	41602 CLEV_T1	0	0	0	0	0	0	0	0	2	2	0	1200	1200	0
8/14/2023 0:28	13704 SCHN_T2	0	0	0	0	0	0	-0.26	-0.26	0	0	0	0	0	0
8/14/2023 0:28	51904 COPA_T1	5	5	0	0.34	0.76	0.42	0	0	0	0	0	0	0	0
8/14/2023 0:28	67204 TEHI_T2	0	0	0	0	0	0	0.16	0.15	0	0	0	0	0	0
8/14/2023 0:28	43402 BENT_T1	0	0	0	0	0	0	-0.83	-0.83	1	1	0	900	900	0
8/14/2023 0:28	28403 HART_T2	0	0	0	0	0	0	-1.21	-1.24	2	2	0	1800	1800	0
8/14/2023 0:28	47401 PENS_T1	0	0	0	0	0	0	4.12	4	0	0	0	0	0	0
8/14/2023 0:36	53501 EVIL_T2	1	0	-1	0.5	0	-0.5	-0.35	-0.37	0	0	0	0	0	0
8/14/2023 0:37	53501 EVIL_T2	1	0	-1	0.5	0	-0.5	-0.35	-0.37	0	0	0	0	0	0
8/14/2023 0:37	56501 ROCK_T2	2	5	3	0.15	0.36	0.21	0	0	0	0	0	0	0	0
8/14/2023 0:39	53501 EVIL_T2	1	0	-1	0.5	0	-0.5	-0.35	-0.37	0	0	0	0	0	0
8/14/2023 0:39	56501 ROCK_T2	2	5	3	0.15	0.36	0.21	-1.38	-1.39	0	0	0	0	0	0
8/14/2023 4:04	15001 BLMO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8/14/2023 4:11	15001 BLMO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8/14/2023 8:15	58402 MORO_T1	0	0	0	0	0	0	-1.67	-1.83	3	3	0	2400	2400	0
8/14/2023 8:24	58402 MORO_T1	0	0	0	0	0	0	-1.83	-1.68	3	3	0	2400	2400	0
8/14/2023 8:36	67001 STHI_T2	0	2	2	0	0.5	0.5	0	0	0	0	0	0	0	0
8/14/2023 8:43	53601 DALM_T2	1	1	0	0.2	0.5	0.3	-0.23	-0.23	1	1	0	900	900	0
8/14/2023 8:50	54701 NEBL_T1	6	3	-3	0.42	0.47	0.05	0	0	1	1	0	600	600	0
8/14/2023 9:07	67204 TEHI_T2	0	0	0	0	0	0	-0.19	-0.19	0	0	0	0	0	0
8/14/2023 9:07	65802 RTWN_T2	0	0	0	0	0	0	-1.04	-1.03	0	0	0	0	0	0
8/14/2023 9:10	51906 COPA_T1	0	0	0	0	0	0	-0.82	-0.73	2	2	0	1500	1500	0
8/14/2023 9:20	59101 WALK_T2	1	1	0	0	0	0	2.28	2.11	0	0	0	0	0	0
8/14/2023 9:27	40101 HUNT_T2	0	1	1	0	0.1	0.1	-0.14	-0.14	0	0	0	0	0	0
8/14/2023 9:35	67204 TEHI_T2	0	0	0	0	0	0	-0.23	-0.22	0	0	0	0	0	0
8/14/2023 9:36	59101 WALK_T2	1	1	0	0	0	0	2.11	2.45	0	0	0	0	0	0
8/14/2023 9:41	56802 BENV_T2	1	1	0	0.2	0.8	0.6	-0.46	-0.45	0	0	0	0	0	0
8/14/2023 9:44	58402 MORO_T1	0	1	1	0	0	0	-1.54	-1.53	3	3	0	2400	2400	0
8/14/2023 9:45	40902 JESH_T1	0	0	0	0	0	0	-0.49	-0.38	1	1	0	600	600	0
8/14/2023 9:49	41901 REED_T1	0	0	0	0	0	0	-1.17	-1.16	1	1	0	900	900	0
8/14/2023 9:50	66505 SMAN_T2	1	0	-1	0.2	0	-0.2	0	0	0	0	0	0	0	0
8/14/2023 9:51	20403 ASHF_T2	0	0	0	0	0	0	1.3	1.3	0	0	0	0	0	0
8/14/2023 9:53	45901 AUBU_T1	0	0	0	0	0	0	1.59	1.62	0	0	0	0	0	0
8/14/2023 9:53	59101 WALK_T2	1	1	0	0	0	0	2.45	2.48	0	0	0	0	0	0
8/14/2023 9:54	58803 COCO_T1	2	0	-2	1.1	1.05	-0.05	0.33	0.3	0	0	0	0	0	0
8/14/2023 9:56	56802 BENV_T2	1	1	0	0.5	1	0.5	-0.45	-1.13	0	0	0	0	0	0
8/14/2023 9:58	53501 EVIL_T2	0	1	1	0	0.3	0.3	-0.98	-1.16	4	4	0	2700	2700	0
8/14/2023 10:00	10602 BLGL_T2	1	1	0	8.3	8.8	0.5	1.65	1.57	0	0	0	0	0	0
8/14/2023 10:00	67604 WARW_T1	0	0	0	0	0	0	0.21	0.29	0	0	0	0	0	0
8/14/2023 10:00	52503 PROG_T2	0	0	0	0	0	0	-0.51	-0.5	1	1	0	900	900	0
8/14/2023 10:00	64801 MONE_T2	0	0	0	0	0	0	0.62	0.63	0	0	0	0	0	0
8/14/2023 10:00	65901 SAKR_T2	0	0	0	0	0	0	-0.52	-0.49	1	1	0	900	900	0
8/14/2023 10:00	45802 HEGI_T2	3	0	-3	0.37	0	-0.37	0.68	0.56	2	2	0	1200	1200	0
8/14/2023 10:00	12604 MACA_T1	0	0	0	0	0	0	0.54	0.57	0	0	0	0	0	0
8/14/2023 10:00	20401 ASHF_T2	0	0	0	0	0	0	0.02	0.07	1	1	0	600	600	0
8/14/2023 10:00	66901 SHIL_T2	0	0	0	0	0	0	-0.11	-0.11	1	1	0	1200	1200	0
8/14/2023 10:06	65802 RTWN_T2	0	0	0	0	0	0	-0.87	-0.96	0	0	0	0	0	0
8/14/2023 10:08	43304 WATS_T2	0	0	0	0	0	0	-0.14	-0.16	0	0	0	0	0	0
8/14/2023 10:08	59101 WALK_T2	1	1	0	0	0	0	2.48	2.15	0	1	1	0	600	600
8/14/2023 10:12	17804 GILB_T2	0	0	0	0	0	0	-0.44	-0.44	0	0	0	0	0	0
8/14/2023 10:13	28403 HART_T2	0	0	0	0	0	0	-0.53	-0.51	1	1	0	900	900	0
8/14/2023 10:14	13503 MCMI_T2	0	0	0	0	0	0	0.08	0.09	0	0	0	0	0	0
8/14/2023 10:15	52402 GRPA_T2	1	1	0	2.5	2.5	0	0	0	0	0	0	0	0	0
8/14/2023 10:15	57304 MOAL_T2	0	0	0	0	0	0	-0.26	-0.24	0	0	0	0	0	0
8/14/2023 10:18	54001 SDLE_T1	1	0	-1	0.1	0	-0.1	0	0	0	0	0	0	0	0
8/14/2023 10:20	61202 REIN_T1	17	6	-11	0.34	0.2	-0.14	0	0	0	0	0	0	0	0
8/14/2023 10:22	16301 ALPA_T1	0	0	0	0	0	0	-1.18	-1.15	0	0	0	0	0	0
8/14/2023 10:23	15001 BLMO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8/14/2023 10:23	59101 WALK_T2	1	1	0	0	0	0	2.15	2.09	1	1	0	600	600	0
8/14/2023 10:24	24101 EHAZ_T1	15	32	17	0.37	0.55	0.18	0.42	0.41	3	3	0	1800	1800	0
8/14/2023 10:24	28604 BLYT_T2	0	0	0	0	0	0	-1.09	-1.07	0	0	0	0	0	0
8/14/2023 10:24	10805 CHHI_T2	1	1	0	8.4	7.9	-0.5	-1.19	-1.3	2	2	0	1800	1800	0
8/14/2023 10:29	17805 GILB_T2	0	0	0	0	0	0	0.39	0.4	0	0	0	0	0	0
8/14/2023 10:30	57303 MOAL_T2	1	1	0	7.3	7.3	0	0	0	0	0	0	0	0	0
8/14/2023 10:31	40101 HUNT_T2	1	11	10	0.5	0.53	0.03	-0.19	-0.19	0	0	0	0	0	0
8/14/2023 10:31	43202 MVIL_T2	0	0	0	0	0	0	-0.48	-0.47	0	0	0	0	0	0
8/14/2023 10:34	65604 QVIL_T2	0	0	0	0	0	0	0.72	0.74	0	0	0	0	0	0
8/14/2023 10:35	48302 ORWI_T2	2	2	0	1.15	1.15	0	0.1	0.11	0	0	0	0	0	0
8/14/2023 10:37	15001 BLMO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8/14/2023 10:37	44301 BEAV_T2	1	3	2	1.4	1.6	0.2	0.57	0.61	2	2	0	1500	1500	0
8/14/2023 10:38	66504 SMAN_T2	1	0	-1	3.8	0	-3.8	0	0	0	0	0	0	0	0
8/14/2023 10:39	67502 WEWI_T2	0	0	0	0	0	0	-0.6	-0.56	1	1	0	900	900	0
8/14/2023 10:44	45702 LIND_T2	0	0	0	0	0	0	-0.09	-0.02	0	0	0	0	0	0
8/14/2023 10:45	52402 GRPA_T2	1	2	1	2.5	2.4	-0.1	0	0	0	0	0	0	0	0
8/14/2023 10:46	64305 LINC_T1	0	1	1	0	0	0	0	0	0	0	0	0	0	0
8/14/2023 10:53	56802 BENV_T2	1	1	0	0.8	1	0.2	-1.04	-1.01	0	0	0	0	0	0
8/14/2023 10:53	66505 SMAN_T2	0	0	0	0	0	0	0.32	0.27	4	4	0	2300	2300	0
8/14/2023 10:55	10805 CHHI_T2	1	1	0	8.1	7.9	-0.2	-1.3	-1.2	2	2	0	1800	1800	0
8/14/2023 10:56	15001 BLMO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8/14/2023 10:57	53501 EVIL_T2	1	0	-1	0.1	0	-0.1	-1.16	-0.97	4	4	0	2700	2700	0
8/14/2023 10:57	62607 ENGL_T1	1	1	0	4.8	5.1	0.3	0	0	0	0	0	0	0	0
8/14/2023 11:00	63402 HONY_T2	1	1	0	0.4	0.4	0	0	0	0	0	0	0	0	0
8/14/2023 11:02	47403 PENS_T1	1	1	0	2.4	1.8	-0.6	0	0	0	0	0	0	0	0
8/14/2023 11:05	64101 REFR_T1	0	0	0	0	0	0	-0.31	-0.26	0	0	0	0	0	0
8/14/2023 11:07	60801 BUCK_T1	18	0	-18	0.17	0	-0.17	0	0	0	0	0	0	0	0
8/14/2023 11:07	56801 BENV_T1	0	12	12	0	0.58	0.58	0	0	0	0	0	0	0	0
8/14/2023 11:09	61801 EELI_T2	1	1	0	0.2	0.1	-0.1	-0.25	-0.23	1	1	0	600	600	0
8/14/2023 11:11	60801 BUCK_T1	18	0	-18	0.17	0	-0.17	0	0	0	0	0	0	0	0
8/14/2023 11:12	53502 EVIL_T2	1	1	0	0.2	0	-0.2	0	0	0	0	0	0	0	0
8/14/2023 11:16	54701 NEBL_T1	0	1	1	0	0	0	0	0	1	1	0	600	600	0
8/14/2023 11:19	52502 PROG_T2	0	0	0	0	0	0	-0.33	-0.3	1	1	0	900	900	0
8/14/2023 11:19	48302 ORWI_T2	2	2	0	1.1	1.05	-0.05	0.12	0.13	0	0	0	0	0	0
8/14/2023 11:21	47403 PENS_T1	1	1	0	1.7	2.1	0.4	0	0	0	0	0	0	0	0
8/14/2023 11:21	44301 BEAV_T2	3	2	-1	0.77	1.4	0.63	0.9	0.72	2	2	0	1500	1500	0
8/14/2023 11:22	55101 WERT_T1	0	0	0	0	0	0	-1.54	-1.63	4	4	0	3300	3300	0
8/14/2023 11:27	52402 GRPA_T2	1	1	0	2	2.1	0.1	0	0	0	0	0	0	0	0
8/14/2023 11:31	44203 POIN_T2	3	2	-1	1.13	0.65	-0.48	0.09	0.12	2	2	0	2100	2100	0
8/14/2023 11:32	49803 UNIV_T1	1	1	0	0.5	0.2	-0.3	0	0	0	0	0	0	0	0
8/14/2023 11:32	64802 MONE_T2	1	3	2	0.1	0.3	0.2	0.31	0.2	0	0	0	0	0	0
8/14/2023 11:34	52502 PROG_T2	0	0	0	0	0	0	-0.3	-0.27	1	1	0	900	900	0
8/14/2023 11:36	67503 WEWI_T2	0	0	0	0	0	0	0.26	0.31	0	0	0	0	0	0
8/14/2023 11:37	66703 STRA_T1	0	0	0	0	0	0	0.49	0.54	0	0	0	0	0	0
8/14/2023 11:37	56501 ROCK_T2	2	0	-2	0.2	0	-0.2	-1.15	-1.13	0	0	0	0	0	0
8/14/2023 11:41	10801 CHHI_T1	1	2	1	0.2	0.15	-0.05	-0.94	-0.81	2	2	0	1500	1500	0
8/14/2023 11:45	53903 HALI_T2	2	2	0	0.9	0.8	-0.1	0.04	0.05	0	0	0	0	0	0
8/14/2023 11:49	47403 PENS_T1	1	1	0	2.1	2.4	0.3	0	0	0	0	0	0	0	0
8/14/2023 11:55	46001 BERW_T1	0	0	0	0	0	0	0.28	0.25	0	0	0	0	0	0
8/14/2023 11:56	45902 AUBU_T1	0	0	0	0	0	0	-0.17	-0.23	1	1	0	600	600	0
8/14/2023 11:57	58803 COCO_T1	2	2	0	0.9	2.15	1.25	-0.64	-0.66	0	0	0	0	0	0
8/14/2023 12:19	59402 RFLD_T2	0	0	0	0	0	0	-1.37	-1.4	1	1	0	450	450	0
8/14/2023 12:22	66903 SHIL_T2	0	0	0	0	0	0	-1.09	-1.06	1	1	0	900	900	0
8/14/2023 12:24	60305 TWVA_T2	0	0	0	0	0	0	-1.19	-1.07	2	2	0	2400	2400	0
8/14/2023 12:26	29401 BELT_T1	11	0	-11	0.15	0	-0.15	0	0	0	0	0	0	0	0
8/14/2023 12:36	55101 WERT_T1	0	0	0	0	0	0	-1.99	-1.92	4	4	0	3300	3300	0
8/14/2023 12:40	11102 EGYP_T1	3	3	0	0.7	0.93	0.23	0	0	0	0	0	0	0	0
8/14/2023 12:40	29402 BELT_T1	36	7	-29	0.31	0.37	0.06	0	0	0	0	0	0	0	0
8/14/2023 12:53	45901 AUBU_T1	0	0	0	0	0	0	1.76	1.75	0	0	0	0	0	0
8/14/2023 13:04	44203 POIN_T2	10	27	17	1.41	1.66	0.25	0.48	0.6	2	2	0	2100	2100	0
8/14/2023 13:25	11104 EGYP_T1	7	8	1	1.46	1.15	-0.31	1.13	0.8	0	0	0	0	0	0
8/14/2023 13:32	44203 POIN_T2	7	4	-3	1.73	1.23	-0.5	0.57	-0.56	2	3	1	2100	3300	1200
8/14/2023 13:42	44505 HAMI_T2	8	60	52	0.58	0.81	0.23	0	0	0	0	0	0	0	0
8/14/2023 13:46	60101 COCA_T1	0	0	0	0	0	0	-0.24	-0.23	1	1	0	1200	1200	0
8/14/2023 13:47	52404 GRPA_T2	3	0	-3	0.1	0	-0.1	0	0	0	0	0	0	0	0
8/14/2023 13:56	58803 COCO_T1	2	2	0	1.5	2.15	0.65	-0.5	-0.42	0	0	0	0	0	0
8/14/2023 13:57	44502 HAMI_T2	1	1	0	0.7	0.7	0	-0.32	-0.31	0	0	0	0	0	0
8/14/2023 14:22	46302 ROHR_T1	5	6	1	0.16	0.2	0.04	0.35	0.35	0	0	0	0	0	0
8/14/2023 14:23	16302 ALPA_T2	0	0	0	0	0	0	0.21	0.15	0	0	0	0	0	0
8/14/2023 14:33	65902 SAKR_T2	0	0	0	0	0	0	-0.59	-0.56	2	2	0	1200	1200	0
8/14/2023 14:34	42901 MIDD_T2	3	4	1	0.6	0.57	-0.03	0	0	0	0	0	0	0	0
8/14/2023 14:35	41903 REED_T1	1	1	0	0.2	0	-0.2	0	0	0	0	0	0	0	0
8/14/2023 14:38	16302 ALPA_T2	0	0	0	0	0	0	0.15	0.18	0	0	0	0	0	0
8/14/2023 14:40	62105 ELAN_T1	2	3	1	0.2	0.25	0.05	1.17	1.19	0	0	0	0	0	0
8/14/2023 14:44	47901 HRDG_T1	0	0	0	0	0	0	1.04	1.27	1	1	0	1200	1200	0
8/14/2023 14:48	56504 ROCK_T2	0	0	0	0	0	0	0.22	0.22	0	0	0	0	0	0
8/14/2023 14:51	54001 SDLE_T1	1	0	-1	1.4	1	-0.4	0	0	1	0	-1	600	0	-600
8/14/2023 14:54	43304 WATS_T2	5	7	2	0.44	0.2	-0.24	-0.43	-0.42	1	1	0	600	600	0
8/14/2023 14:59	40101 HUNT_T2	62	94	32	0.48	0.37	-0.11	-0.72	-0.74	0	0	0	0	0	0
8/14/2023 15:00	42902 MIDD_T2	30	22	-8	1.02	0.55	-0.47	0	0	0	0	0	0	0	0
8/14/2023 15:03	12701 MACU_T1	6	3	-3	0.52	0.35	-0.17	-0.57	-0.57	1	1	0	1200	1200	0
8/14/2023 15:09	56801 BENV_T1	12	14	2	0.82	0.83	0.01	-0.33	-0.32	1	1	0	600	600	0
8/14/2023 15:09	29402 BELT_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8/14/2023 15:11	56802 BENV_T2	0	2	2	0	0.35	0.35	-0.84	-0.83	0	0	0	0	0	0
8/14/2023 15:15	64802 MONE_T2	0	1	1	0	0.1	0.1	0	0	0	0	0	0	0	0

8/14/2023 20:51	66505 SMAN_T2	0	1	1	0	0	0	0.17	0.01	3	3	0	2100	2100	0
8/14/2023 20:52	56802 BENV_T2	1	1	0	0.1	0.2	0.1	-0.89	-0.9	0	0	0	0	0	0
8/14/2023 20:54	15001 BLMO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8/14/2023 20:54	10805 CHHI_T2	1	17	16	7.9	1.53	-6.37	-0.25	-0.24	1	1	0	600	600	0
8/14/2023 20:55	53501 EVIL_T2	0	0	0	0	0	0	-1.26	-1.23	3	3	0	1800	1800	0
8/14/2023 21:00	63403 HONY_T2	0	0	0	0	0	0	-0.41	-0.45	0	0	0	0	0	0
8/14/2023 21:07	44203 POIN_T2	0	0	0	0	0	0	-0.07	-0.16	2	2	0	2100	2100	0
8/14/2023 21:12	53501 EVIL_T2	0	0	0	0	0	0	-1.23	-1.11	3	3	0	1800	1800	0
8/14/2023 21:18	52502 PROG_T2	0	0	0	0	0	0	-0.12	-0.13	1	1	0	900	900	0
8/14/2023 21:18	48302 ORWI_T2	2	2	0	1.5	1.7	0.2	-0.44	-0.46	0	0	0	0	0	0
8/14/2023 21:25	29402 BELT_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8/14/2023 21:27	29402 BELT_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8/14/2023 21:33	56501 ROCK_T2	0	0	0	0	0	0	-0.99	-1.01	0	0	0	0	0	0
8/14/2023 21:34	52502 PROG_T2	0	0	0	0	0	0	-0.13	-0.14	1	1	0	900	900	0
8/14/2023 21:38	43302 WATS_T2	0	2	2	0	0.1	0.1	0	0	0	0	0	0	0	0
8/14/2023 21:38	45902 AUBU_T1	1	1	0	0.3	0.4	0.1	-0.77	-0.72	1	1	0	600	600	0
8/14/2023 21:39	42902 MIDD_T2	0	0	0	0	0	0	-0.07	-0.07	0	0	0	0	0	0
8/14/2023 21:39	44203 POIN_T2	0	1	1	0	0	0	-0.12	-0.21	2	2	0	2100	2100	0
8/14/2023 21:39	67503 WEWI_T2	0	0	0	0	0	0	0.41	0.36	0	0	0	0	0	0
8/14/2023 21:44	11102 EGYP_T1	1	1	0	0.2	0	-0.2	0	0	0	0	0	0	0	0
8/14/2023 21:44	64801 MONE_T2	0	2	2	0	0.1	0.1	0.74	0.72	0	0	0	0	0	0
8/14/2023 21:49	44502 HAMI_T2	1	3	2	2.4	2.6	0.2	0	0	0	0	0	0	0	0
8/14/2023 21:49	45303 WBER_T2	0	8	8	0	0.24	0.24	0	0	0	0	0	0	0	0
8/14/2023 21:49	42903 MIDD_T2	2	2	0	1.1	1.15	0.05	0.1	0.19	0	0	0	0	0	0
8/14/2023 21:54	65902 SAKR_T2	0	0	0	0	0	0	0	-0.08	0	0	0	0	0	0
8/14/2023 21:55	16302 ALPA_T2	0	0	0	0	0	0	-0.23	-0.27	0	0	0	0	0	0
8/14/2023 21:59	11102 EGYP_T1	1	3	2	0.2	0	-0.2	0	0	0	0	0	0	0	0
8/14/2023 21:59	40101 HUNT_T2	2	3	1	0.4	0.77	0.37	-0.96	-0.97	0	0	0	0	0	0
8/14/2023 21:59	16302 ALPA_T2	0	0	0	0	0	0	-0.23	-0.27	0	0	0	0	0	0
8/14/2023 21:59	41602 CLEV_T1	0	0	0	0	0	0	0	0	1	1	0	600	600	0
8/14/2023 22:05	56801 BENV_T1	17	19	2	0.71	0.64	-0.07	-0.45	-0.46	1	1	0	600	600	0
8/14/2023 22:10	47901 HRDG_T1	0	1	1	0	0	0	1.4	1.21	1	1	0	1200	1200	0
8/14/2023 22:10	44502 HAMI_T2	1	1	0	2.6	2.8	0.2	-0.58	-0.6	0	0	0	0	0	0
8/15/2023 0:28	66703 STRA_T1	0	0	0	0	0	0	-0.03	-0.05	0	0	0	0	0	0
8/15/2023 0:28	60101 COCA_T1	0	0	0	0	0	0	0.56	0.55	0	0	0	0	0	0
8/15/2023 0:28	53903 HALI_T2	0	1	1	0	0.1	0.1	-0.11	-0.12	0	0	0	0	0	0
8/15/2023 0:28	42002 MNVL_T2	1	1	0	1.7	1.4	-0.3	0	0	0	0	0	0	0	0
8/15/2023 0:28	56803 BENV_T1	0	0	0	0	0	0	0.46	0.45	0	0	0	0	0	0
8/15/2023 0:28	52402 GRPA_T2	2	2	0	2.1	1.7	-0.4	0	0	0	0	0	0	0	0
8/15/2023 0:28	44302 BEAV_T2	99	178	79	0.36	0.5	0.14	0	0	0	0	0	0	0	0
8/15/2023 0:28	42201 SHEN_T2	0	0	0	0	0	0	0.25	0.24	1	1	0	600	600	0
8/15/2023 0:28	47402 PENS_T1	0	1	1	0	0.1	0.1	0	0	0	0	0	0	0	0
8/15/2023 0:28	56801 BENV_T1	23	21	-2	1.14	0.79	-0.35	-1.73	-1.78	3	3	0	1800	1800	0
8/15/2023 0:28	52402 GRPA_T2	2	2	0	2.1	1.7	-0.4	0	0	0	0	0	0	0	0
8/15/2023 0:28	60803 BUCK_T1	0	1	1	0	0.1	0.1	-1.31	-1.36	2	2	0	1200	1200	0
8/15/2023 0:28	43402 BENT_T1	0	0	0	0	0	0	-0.86	-1.5	1	2	1	900	1500	600
8/15/2023 0:28	46001 BERW_T1	0	0	0	0	0	0	1.01	0.96	0	0	0	0	0	0
8/15/2023 0:28	64101 REFR_T1	0	0	0	0	0	0	0.85	0.84	0	0	0	0	0	0
8/15/2023 0:28	45302 WBER_T2	0	0	0	0	0	0	0.99	0.96	0	0	0	0	0	0
8/15/2023 0:28	65604 QVIL_T2	0	0	0	0	0	0	0.54	0.53	0	0	0	0	0	0
8/15/2023 0:28	12202 FOGE_T2	0	0	0	0	0	0	-0.35	-0.36	1	1	0	600	600	0
8/15/2023 0:28	15001 BLMO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8/15/2023 0:28	45001 LIME_2	0	3	3	0	0.1	0.1	0	0	0	0	0	0	0	0
8/15/2023 0:28	63802 HEMP_T1	0	0	0	0	0	0	-0.44	-0.45	0	0	0	0	0	0
8/15/2023 0:28	56501 ROCK_T2	0	2	2	0	0.1	0.1	0	0	0	0	0	0	0	0
8/15/2023 0:28	55101 WERT_T1	0	0	0	0	0	0	-1.99	-2.04	3	3	0	2400	2400	0
8/15/2023 0:28	60305 TWVA_T2	0	0	0	0	0	0	0.24	0.2	2	2	0	2400	2400	0
8/15/2023 0:28	56802 BENV_T2	0	0	0	0	0	0	-1.13	-1.14	0	0	0	0	0	0
8/15/2023 0:28	64301 LINC_T1	0	0	0	0	0	0	-1.01	-1	1	1	0	600	600	0
8/15/2023 0:28	64802 MONE_T2	0	0	0	0	0	0	0.46	0.45	0	0	0	0	0	0
8/15/2023 0:28	12701 MACU_T1	0	0	0	0	0	0	-1.07	-1.09	1	1	0	1200	1200	0
8/15/2023 0:28	46302 ROHR_T1	3	3	0	0.97	1.13	0.16	0.22	0.22	0	0	0	0	0	0
8/15/2023 0:28	41902 REED_T1	0	0	0	0	0	0	2.21	2.21	0	0	0	0	0	0
8/15/2023 0:28	66505 SMAN_T2	0	0	0	0	0	0	0.22	0.18	2	2	0	1500	1500	0
8/15/2023 0:28	54001 SDLE_T1	0	1	1	0	0.5	0.5	0	0	1	1	0	600	600	0
8/15/2023 0:28	25402 LAHA_T2	0	0	0	0	0	0	-0.77	-0.77	0	0	0	0	0	0
8/15/2023 0:28	44502 HAMI_T2	1	1	0	2.9	3	0.1	-0.69	-0.7	0	0	0	0	0	0
8/15/2023 0:28	58803 COCO_T1	2	2	0	1.5	1.9	0.4	-0.99	-1.01	0	0	0	0	0	0
8/15/2023 0:28	49804 UNIV_T1	0	1	1	0	0.4	0.4	0.76	0.75	0	0	0	0	0	0
8/15/2023 0:28	61801 EELI_T2	0	0	0	0	0.2	0.2	-0.41	-0.41	1	1	0	600	600	0
8/15/2023 0:28	62105 ELAN_T1	0	0	0	0	0	0	0.78	0.78	0	0	0	0	0	0
8/15/2023 0:28	17805 GILB_T2	0	0	0	0	0	0	0.07	0.05	0	0	0	0	0	0
8/15/2023 0:58	66901 SHIL_T2	0	0	0	0	0	0	-1.27	-1.28	1	1	0	1200	1200	0
8/15/2023 8:03	65503 MOJO_T2	0	0	0	0	0	0	-0.51	-0.49	1	1	0	900	900	0
8/15/2023 8:05	44502 HAMI_T2	1	1	0	1.6	1.6	0	-0.6	-0.59	0	0	0	0	0	0
8/15/2023 8:19	67002 STHI_T2	0	0	0	0	0	0	1.1	1.17	0	0	0	0	0	0
8/15/2023 8:19	65503 MOJO_T2	0	0	0	0	0	0	-0.49	-0.4	1	1	0	900	900	0
8/15/2023 8:32	46506 LOHA_T1	0	0	0	0	0	0	-1.35	-1.34	1	1	0	900	900	0
8/15/2023 8:44	58402 MORO_T1	0	0	0	0	0	0	-1.64	-1.61	3	3	0	2400	2400	0
8/15/2023 8:46	58402 MORO_T1	0	0	0	0	0	0	-1.64	-1.61	3	3	0	2400	2400	0
8/15/2023 8:50	67204 TEHI_T2	0	0	0	0	0	0	-0.23	-0.22	0	0	0	0	0	0
8/15/2023 8:55	45901 AUBU_T1	0	0	0	0	0	0	1.54	1.56	0	0	0	0	0	0
8/15/2023 8:57	53601 DALM_T2	2	2	0	4.95	4.8	-0.15	-0.82	-0.82	2	2	0	1500	1500	0
8/15/2023 9:05	67204 TEHI_T2	0	0	0	0	0	0	-0.22	-0.21	0	0	0	0	0	0
8/15/2023 9:07	45901 AUBU_T1	0	0	0	0	0	0	1.56	1.65	0	0	0	0	0	0
8/15/2023 9:20	56802 BENV_T2	1	9	8	0.5	0.39	-0.11	-0.29	-0.91	0	0	0	0	0	0
8/15/2023 9:21	59101 WALK_T2	1	3	2	0	0	0	2.13	1.9	1	0	-1	600	0	-600
8/15/2023 9:28	64702 LITI_T2	0	0	0	0	0	0	-0.02	0.03	0	0	0	0	0	0
8/15/2023 9:35	54701 NEBL_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8/15/2023 9:35	56501 ROCK_T2	2	3	1	0.35	0.4	0.05	-1.14	-1.04	0	0	0	0	0	0
8/15/2023 9:36	59101 WALK_T2	2	4	2	0.3	0	-0.3	1.9	2.44	0	0	0	0	0	0
8/15/2023 9:36	56802 BENV_T2	1	9	8	0.9	0.39	-0.51	-0.91	-0.89	0	0	0	0	0	0
8/15/2023 9:38	40902 JESH_T1	0	0	0	0	0	0	-0.28	-0.7	2	3	1	1200	1800	600
8/15/2023 9:38	45902 AUBU_T1	0	0	0	0	0	0	-0.38	-0.31	1	1	0	600	600	0
8/15/2023 9:46	48302 ORWI_T2	2	2	0	1.55	1.35	-0.2	0.15	0.15	0	0	0	0	0	0
8/15/2023 9:49	42002 MNVL_T2	1	1	0	2.6	2.6	0	0	0	0	0	0	0	0	0
8/15/2023 9:49	13503 MCMI_T2	0	0	0	0	0	0	0.01	0.02	0	0	0	0	0	0
8/15/2023 9:50	41902 REED_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8/15/2023 9:51	43202 MVIL_T2	0	0	0	0	0	0	-0.48	-0.47	0	0	0	0	0	0
8/15/2023 9:52	56802 BENV_T2	9	2	-7	0.39	0.9	0.51	-0.89	-0.87	0	0	0	0	0	0
8/15/2023 9:54	59101 WALK_T2	2	4	2	0.1	0.25	0.15	2.44	2.05	0	1	1	0	600	600
8/15/2023 9:54	43001 ALWD_T1	0	1	1	0	0.2	0.2	0	0	0	0	0	0	0	0
8/15/2023 9:54	49804 UNIV_T1	0	0	0	0	0	0	1.8	1.78	0	0	0	0	0	0
8/15/2023 9:55	20401 ASHF_T2	1	1	0	0.2	0	-0.2	0	0	0	0	0	0	0	0
8/15/2023 9:58	53501 EVIL_T2	0	0	0	0	0	0	-1.18	-1.07	4	4	0	2700	2700	0
8/15/2023 10:00	65901 SAKR_T2	0	0	0	0	0	0	-0.69	-0.68	2	2	0	1500	1500	0
8/15/2023 10:00	15604 NSTR_T1	0	0	0	0	0	0	0.26	0.26	0	0	0	0	0	0
8/15/2023 10:00	64801 MONE_T2	0	0	0	0	0	0	0.81	0.84	0	0	0	0	0	0
8/15/2023 10:00	20402 ASHF_T2	0	6	6	0	0.48	0.48	0	0	0	0	0	0	0	0
8/15/2023 10:00	64304 LINC_T2	1	1	0	0	0	0	0	0	0	0	0	0	0	0
8/15/2023 10:00	66505 SMAN_T2	0	0	0	0	0	0	0.38	0.27	3	4	1	2100	2300	200
8/15/2023 10:00	58803 COCO_T1	1	2	1	1.6	1.3	-0.3	0.57	-0.08	0	1	1	0	600	600
8/15/2023 10:00	12604 MACA_T1	0	0	0	0	0	0	0.6	0.61	0	0	0	0	0	0
8/15/2023 10:00	67604 WARW_T1	0	0	0	0	0	0	0.39	0.4	0	0	0	0	0	0
8/15/2023 10:00	52503 PROG_T2	0	0	0	0	0	0	-0.28	-0.25	1	1	0	900	900	0
8/15/2023 10:00	10602 BLGL_T2	4	5	1	2.18	2.7	0.52	1.68	1.69	0	0	0	0	0	0
8/15/2023 10:04	44201 POIN_T1	52	52	0	0.83	0.4	-0.43	-0.5	-0.35	2	2	0	2100	2100	0
8/15/2023 10:08	43304 WATS_T2	0	0	0	0	0	0	-0.14	-0.11	0	0	0	0	0	0
8/15/2023 10:08	44802 EDAN_T2	0	0	0	0	0	0	-1.82	-1.73	0	0	0	0	0	0
8/15/2023 10:09	56802 BENV_T2	1	1	0	0.9	0.7	-0.2	-0.87	-0.85	0	0	0	0	0	0
8/15/2023 10:09	59101 WALK_T2	3	4	1	0.45	1.05	0.6	2.05	2.05	1	1	0	600	600	0
8/15/2023 10:10	44801 EDAN_T2	2	1	-1	0.5	0.1	-0.4	0	0	0	0	0	0	0	0
8/15/2023 10:12	28403 HART_T2	0	0	0	0	0	0	-0.66	-0.65	1	1	0	900	900	0
8/15/2023 10:12	58803 COCO_T1	1	2	1	1.6	1.3	-0.3	-0.08	-0.02	1	1	0	600	600	0
8/15/2023 10:17	12701 MACU_T1	0	0	0	0	0	0	0.29	0.3	0	0	0	0	0	0
8/15/2023 10:18	57304 MOAL_T2	0	0	0	0	0	0	-0.05	-0.01	0	0	0	0	0	0
8/15/2023 10:20	48302 ORWI_T2	2	2	0	1.35	1.25	-0.1	0.14	0.17	0	0	0	0	0	0
8/15/2023 10:20	52502 PROG_T2	0	0	0	0	0	0	-0.21	-0.17	1	1	0	900	900	0
8/15/2023 10:20	47401 PENS_T1	1	0	-1	0.4	0	-0.4	0.38	0.4	0	0	0	0	0	0
8/15/2023 10:21	66505 SMAN_T2	0	1	1	0	0	0	0.1	0.39	4	4	0	2300	2300	0
8/15/2023 10:22	66703 STRA_T1	0	0	0	0	0	0	-0.4	-0.31	0	0	0	0	0	0
8/15/2023 10:25	15001 BLMO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8/15/2023 10:26	28604 BLYT_T2	0	0	0	0	0	0	-1.11	-1.11	0	0	0	0	0	0
8/15/2023 10:30	57303 MOAL_T2	1	1	0	7.4	7.3	-0.1	0	0	0	0	0	0	0	0
8/15/2023 10:33	66903 SHIL_T2	0	29	29	0	0.12	0.12	0	0	0	0	0	0	0	0
8/15/2023 10:34	56501 ROCK_T2	0	0	0	0	0	0	-1.08	-1.06	0	0	0	0	0	0
8/15/2023 10:35	66703 STRA_T1	0	0	0	0	0	0	-0.31	-0.4	0	0	0	0	0	0
8/15/2023 10:38	52401 GRPA_T2	0	1	1	0	0	0	0	0	0	0	0	0	0	0
8/15/2023 10:38	15001 BLMO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8/15/2023 10:39	59101 WALK_T2	3	4	1	1.1	0.4	-0.7	1.65	1.49	2	2	0	1200	1200	0
8/15/2023 10:40	53502 EVIL_T2	2	3	1	1.2	0.55	-0.65	0	0	0	0	0	0	0	0
8/15/2023 10:42	24101 EHAZ_T1	14	27	13	0.43	0.41	-0.02	0.52	0.49	3	3	0	1800	1800	0
8/15/2023 10:45	63403 HONY_T2	0	0	0	0	0	0	0.16	0.17	1	1	0	600	600	0
8/15/2023 10:46	17804 GILB_T2	0	0	0	0	0	0	-0.44	-0.44	0	0	0	0	0	0
8/15/2023 10:47	54701 NEBL_T1	0	0	0	0	0	0	0	0	1	1	0	600	600	0
8/15/2023 10:48	66901 SHIL_T2	16	11	-5	0.15	0.15	0	0	0	0	0	0	0	0	0
8/15/2023 10:51	56802 BENV_T2	1	1	0	0.6	0.3	-0.3	-0.81	-0.79	0	0	0	0	0	0
8/15/2023 10:53	43301 WATS_T2	0	1	1	0	0	0	-0.35	-0.33	1	1	0	900	900	0
8/15/2023 10:55	16302 ALPA_T2	0	0	0	0	0	0	-0.11	-0.09	0	0	0	0	0	0
8/15/2023 10:55	53501 EVIL_T2	0	1	1	0	0.3	0.3	-1.02	-1.1	4	4	0	2700	2700	0
8/15/2023 10:58	28403 HART_T2	0	4	4	0	0	0	-0.64	-0.63	1	1	0	900	900	0
8/15/2023 11:01	17805 GILB_T2	0	0	0	0	0	0	0.35	0.36	0	0	0	0	0	0
8/15/2023 11:01	45702 LIND_T2	0	1	1	0	0.9	0.9	-0.15	-0.14	0	0	0	0	0	0
8/15/2023 11:03	52502 PROG_T2	0	0	0	0	0	0	-0.13	-0.09	1	1	0	900	900	0
8/15/2023 11:05	59202 THOM_T1	0	1	1	0	0	0	0	0	0	0	0	0	0	0
8/15/2023 11:06	43304 WATS_T2	0	0	0	0	0	0	-0.32	-0.05	0	0	0	0	0	0
8/15/2023 11:07	15001 BLMO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8/15/2023 11:08	52404 GRPA_T2	0	0	0	0	0	0	1.13	0.57	0	0	0	0	0	0
8/15/2023 11:11	10805 CHHI_T2	1	1	0	8.8	8.7	-0.1	-0.87	-0.74	2	2	0	1800	1800	0
8/15/2023 11:16	53903 HALI_T2	2	4	2	0.2	0.5	0.3	-0.03	-0.01	0	0	0	0	0	0
8/15/2023 11:22	55101 WERT_T1	0	0	0	0	0	0	-1.83	-1.92	4	4	0	3300	3300	0
8/15/2023 11:25	10805 CHHI_T2	1	1	0	8.7	9.3	0.6	-0.74	-0.51	2	2	0	1800	1800	0
8/15/2023 11:26	60803 BUCK_T1	0	0	0	0	0	0	-0.49	-0.46	1	1	0	600	600	0
8/15/2023 11:27	53903 HALI_T2	2	4	2	0.2	0.5	0.3	0	0	0	0	0	0	0	0
8/15/2023 11:38	43304 WATS_T2	0	2	2	0	0	0	-0.01	-0.04	0	0	0	0	0	0
8/15/2023 11:41	29402 BELT_T1	0	13	13	0	0.18	0.18	0	0	0	0	0	0	0	0
8/15/2023 11:42	47901 HRDG_T1	0	0	0	0	0	0	2.34	2.18	0	0	0	0	0	0
8/15/2023 11:43	45602 WOOL_T1	0	0	0	0	0	0	0.8	0.81	0	0	0	0	0	0
8/15/2023 11:44	62606 ENGL_T1	0	7	7	0	0	0	0	0	0	0	0	0	0	0
8/15/2023 11:45	64305 LINC_T1	1	1	0	0.1	0.2	0.1	0	0	0	0	0	0	0	0
8/15/2023 11:51	52403 GRPA_T2	8	7	-1	0.45	0.1	-0.35	-0.51	0.1	0	0	0	0	0	0
8/15/2023 11:55	29402 BELT_T1	12	38	26	0.18	0.27	0.09	0	0	0	0	0	0	0	0
8/15/2023 12:05	47401 PENS_T1	0	1	1	0	0	0	0.57	0.48	0	0	0	0	0	0
8/15/2023 12:07	52402 GRPA_T2	3	6	3	0.6	0.73	0.13	0	0	0	0	0	0	0	0
8/15/2023 12:07	29402 BELT_T1	12	42	30	0.16	0.27	0.11	0	0	0	0	0	0	0	0
8/15/2023 12:10	11104 EGYP_T1	5	5	0	1.24	1.48	0.24	1.11	1.13	0	0	0	0	0	0
8/15/2023 12:11	52402 GRPA_T2	3	6	3	0.6	0.73	0.13	0	0	0	0	0	0	0	0
8/15/2023 12:18	64101 REFR_T1	11	10	-1	1.84	0.65	-1.19	0.66	0.69	0	0	0	0	0	0
8/15/2023 12:23	29402 BELT_T1	38	36	-2	0.27

Appendix C - Grid Benefits Achieved in Each Instance of Active Management

8/15/2023 16:03	58803 COCO_T1	2	1	-1	1.65	2.1	0.45	-0.68	-0.6	1	1	0	600	600	0
8/15/2023 16:09	10801 CHHI_T1	42	63	21	0.66	0.54	-0.12	-1.09	-1.08	3	3	0	2100	2100	0
8/15/2023 16:26	52403 GRPA_T2	10	6	-4	0.55	0.45	-0.1	0	0	0	0	0	0	0	0
8/15/2023 16:33	47403 PENS_T1	0	1	1	0	2.7	2.7	0	0	0	0	0	0	0	0
8/15/2023 18:01	45001 LIME_2	12	3	-9	0.55	0.1	-0.45	0	0	0	0	0	0	0	0
8/15/2023 20:03	44201 POIN_T1	3	15	12	0.13	0.14	0.01	-1.04	-0.98	2	2	0	2100	2100	0
8/15/2023 20:06	43304 WATS_T2	3	6	3	0.27	0.45	0.18	-0.18	-0.17	0	0	0	0	0	0
8/15/2023 20:07	59101 WALK_T2	1	1	0	0	0	0	0.5	0.45	3	3	0	1650	1650	0
8/15/2023 20:08	56802 BENV_T2	0	0	0	0	0	0	-0.75	-0.79	0	0	0	0	0	0
8/15/2023 20:17	12701 MACU_T1	0	0	0	0	0	0	-0.77	-0.78	1	1	0	1200	1200	0
8/15/2023 20:18	57302 MOAL_T2	0	1	1	0	0	0	0	0	0	0	0	0	0	0
8/15/2023 20:18	52502 PROG_T2	0	0	0	0	0	0	0.3	0.27	1	1	0	900	900	0
8/15/2023 20:18	66505 SMAN_T2	4	7	3	0.28	0	-0.28	0.11	0	4	4	0	2300	2300	0
8/15/2023 20:20	66703 STRA_T1	0	0	0	0	0	0	0.43	0.46	0	0	0	0	0	0
8/15/2023 20:23	15001 BLMO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8/15/2023 20:27	28604 BLYT_T2	0	0	0	0	0	0	-0.91	-0.92	0	0	0	0	0	0
8/15/2023 20:33	57303 MOAL_T2	1	1	0	7.9	7.8	-0.1	0	0	0	0	0	0	0	0
8/15/2023 20:37	52404 GRPA_T2	0	1	1	0	0.3	0.3	0	0	0	0	0	0	0	0
8/15/2023 20:37	59101 WALK_T2	1	1	0	0	0	0	0.5	0.51	3	3	0	1650	1650	0
8/15/2023 20:37	66901 SHIL_T2	154	174	20	0.19	0.23	0.04	-1.83	-1.84	1	1	0	1200	1200	0
8/15/2023 20:40	58803 COCO_T1	2	2	0	1.05	0.85	-0.2	-0.21	-0.31	0	0	0	0	0	0
8/15/2023 20:42	56501 ROCK_T2	5	16	11	0.12	0.23	0.11	-2	-2.02	0	0	0	0	0	0
8/15/2023 20:43	63402 HONY_T2	0	1	1	0	0.2	0.2	0	0	0	0	0	0	0	0
8/15/2023 20:50	56803 BENV_T2	0	0	0	0	0	0	-0.85	-0.87	0	0	0	0	0	0
8/15/2023 20:55	53501 EVIL_T2	1	0	-1	0.5	0	-0.5	-1.11	-1.16	3	3	0	1800	1800	0
8/15/2023 20:57	28403 HART_T2	0	0	0	0	0	0	-0.39	-0.4	1	1	0	900	900	0
8/15/2023 20:59	17805 GILB_T2	0	0	0	0	0	0	0.36	0.34	0	0	0	0	0	0
8/15/2023 20:59	45702 LIND_T2	0	0	0	0	0	0	-0.07	-0.1	0	0	0	0	0	0
8/15/2023 21:04	59201 THOM_T1	1	1	0	0.1	0.1	0	0	0	0	0	0	0	0	0
8/15/2023 21:08	52402 GRPA_T2	4	5	1	1.15	1.16	0.01	0	0	0	0	0	0	0	0
8/15/2023 21:09	43301 WATS_T2	1	1	0	0.6	0.8	0.2	0	0	0	0	0	0	0	0
8/15/2023 21:11	15001 BLMO_T1	0	0	-1	0.7	0	-0.7	0	0	0	0	0	0	0	0
8/15/2023 21:22	55101 WERT_T1	0	0	0	0	0	0	-2.44	-1.72	3	3	0	2700	2700	0
8/15/2023 21:27	60803 BUCK_T1	3	7	4	0.33	0.41	0.08	-0.67	-0.72	1	1	0	600	600	0
8/15/2023 21:41	45602 WOOL_T1	0	0	0	0	0	0	0.8	0.78	0	0	0	0	0	0
8/15/2023 21:42	62604 ENGL_T1	0	0	0	0	0	0	-0.85	-0.83	1	1	0	600	600	0
8/15/2023 21:44	64305 LINC_T1	0	1	1	0	0	0	0	0	0	0	0	0	0	0
8/15/2023 21:47	59402 RFLD_T2	0	4	4	0	0.1	0.1	-1.08	-1.08	1	1	0	450	450	0
8/15/2023 21:54	15601 NSTR_T2	0	1	1	0	0.1	0.1	0	0	0	0	0	0	0	0
8/15/2023 22:00	64101 REFR_T1	0	0	0	0	0	0	0.5	0.51	0	0	0	0	0	0
8/15/2023 22:00	55101 WERT_T1	0	0	0	0	0	0	-1.93	-1.97	3	3	0	2700	2700	0
8/15/2023 22:02	56504 ROCK_T2	0	0	0	0	0	0	0.1	0.07	0	0	0	0	0	0
8/15/2023 22:03	66505 SMAN_T2	0	2	2	0	0	0	0	0	0	0	0	0	0	0
8/15/2023 22:04	47403 PENS_T1	0	1	1	0	2.7	2.7	0	0	0	0	0	0	0	0
8/15/2023 22:04	52402 GRPA_T2	6	2	-4	0.8	4.2	3.4	0	0	0	0	0	0	0	0
8/15/2023 22:05	47401 PENS_T1	0	0	0	0	0	0	0.14	0.02	0	0	0	0	0	0
8/15/2023 22:06	13704 SCHN_T2	0	0	0	0	0	0	-0.47	-0.49	0	0	0	0	0	0
8/15/2023 22:07	56803 BENV_T1	1	0	-1	0.3	0	-0.3	0	0	0	0	0	0	0	0
8/15/2023 22:07	56504 ROCK_T2	0	0	0	0	0	0	0.07	0.05	0	0	0	0	0	0
8/15/2023 22:08	55101 WERT_T1	0	0	0	0	0	0	-1.97	-2.01	3	3	0	2700	2700	0
8/15/2023 22:08	58803 COCO_T1	2	2	0	1.8	1.05	-0.75	-0.5	-0.54	0	0	0	0	0	0
8/15/2023 22:09	56803 BENV_T1	1	0	-1	0.3	0	-0.3	0	0	0	0	0	0	0	0
8/15/2023 22:09	52402 GRPA_T2	6	2	-4	0.8	4.2	3.4	0	0	0	0	0	0	0	0
8/15/2023 22:09	15001 BLMO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8/15/2023 22:10	55101 WERT_T1	0	0	0	0	0	0	-1.97	-2.01	3	3	0	2700	2700	0
8/15/2023 22:10	42902 MIDD_T2	0	0	0	0	0	0	-0.06	-0.08	0	0	0	0	0	0
8/15/2023 22:11	56802 BENV_T2	2	0	-2	0.15	0	-0.15	-0.97	-0.99	0	0	0	0	0	0
8/15/2023 22:14	60101 COCA_T1	5	0	-5	0.1	0	-0.1	0.79	0.76	0	0	0	0	0	0
8/15/2023 22:16	65604 QVIL_T2	2	3	1	0.2	0.2	0	0.8	0.78	0	0	0	0	0	0
8/15/2023 22:17	63403 HONY_T2	0	0	0	0	0	0	-0.52	-0.55	0	0	0	0	0	0
8/15/2023 22:18	65604 QVIL_T2	2	3	1	0.2	0.2	0	0.8	0.78	0	0	0	0	0	0
8/15/2023 22:18	62105 ELAN_T1	1	1	0	0.2	0.4	0.2	1.13	1.11	0	0	0	0	0	0
8/15/2023 22:18	45003 LIME_2	2	2	0	1.95	2	0.05	0	0	2	2	0	2400	2400	0
8/15/2023 22:54	53903 HALI_T2	0	0	0	0	0	0	-0.04	-0.05	0	0	0	0	0	0
8/16/2023 0:28	24105 EHAZ_T1	4	4	0	6.4	5.78	-0.62	0	0	0	0	0	0	0	0
8/16/2023 0:28	42902 MIDD_T2	5	5	0	0.14	0.18	0.04	-0.54	-0.55	0	0	0	0	0	0
8/16/2023 0:28	10801 CHHI_T1	0	0	0	0	0	0	-1.77	-1.81	3	3	0	2100	2100	0
8/16/2023 0:28	65902 SAKR_T2	0	0	0	0	0	0	-0.44	-0.45	1	1	0	300	300	0
8/16/2023 0:28	17804 GILB_T2	0	0	0	0	0	0	-0.49	-0.49	0	0	0	0	0	0
8/16/2023 0:28	42601 TUSC_T1	0	0	0	0	0	0	-0.26	-0.28	2	2	0	1800	1800	0
8/16/2023 0:28	42903 MIDD_T2	2	2	0	1.85	1.85	0	0	0.01	0	0	0	0	0	0
8/16/2023 0:28	44801 EDAN_T2	1	1	0	0.3	0	-0.3	0	0	0	0	0	0	0	0
8/16/2023 0:28	43301 WATS_T2	0	0	0	0	0	0	-0.54	-0.56	1	1	0	900	900	0
8/16/2023 0:28	55101 WERT_T1	0	0	0	0	0	0	-1.68	-1.72	3	3	0	2700	2700	0
8/16/2023 0:28	53501 EVIL_T2	0	0	0	0	0	0	-0.72	-0.74	1	1	0	600	600	0
8/16/2023 0:28	11104 EGYP_T1	0	0	0	0	0	0	0.68	0.61	0	0	0	0	0	0
8/16/2023 0:28	47401 PENS_T1	0	0	0	0	0	0	2.35	1.94	0	0	0	0	0	0
8/16/2023 0:28	16302 ALPA_T2	0	0	0	0	0	0	-0.72	-0.76	0	0	0	0	0	0
8/16/2023 0:28	43301 WATS_T2	0	0	0	0	0	0	-0.54	-0.56	1	1	0	900	900	0
8/16/2023 0:28	48302 ORWI_T2	2	2	0	0.6	0.7	0.1	-0.1	-0.11	0	0	0	0	0	0
8/16/2023 0:28	66505 SMAN_T2	0	0	0	0	0.2	0.2	-0.32	-0.41	3	3	0	2100	2100	0
8/16/2023 0:28	28403 HART_T2	1	0	-1	0.9	0	-0.9	-0.56	-0.57	1	1	0	900	900	0
8/16/2023 0:28	15001 BLMO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8/16/2023 0:28	65901 SAKR_T2	0	0	0	0	0	0	-0.71	-0.75	1	1	0	900	900	0
8/16/2023 0:28	10805 CHHI_T2	1	1	0	9.1	9.1	0	-1.25	-1.25	2	2	0	1200	1200	0
8/16/2023 0:28	64801 MONE_T2	0	0	0	0	0	0	0.58	0.56	0	0	0	0	0	0
8/16/2023 0:28	52402 GRPA_T2	1	1	0	3.2	3.7	0.5	0	0	0	0	0	0	0	0
8/16/2023 0:28	47901 HRDG_T1	0	0	0	0	0	0	0.84	0.68	3	3	0	3600	3600	0
8/16/2023 0:28	44203 POIN_T2	0	0	0	0	0	0	-0.51	-0.64	2	2	0	2100	2100	0
8/16/2023 0:28	29402 BELT_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8/16/2023 0:28	12206 FOGE_T2	0	0	0	0	0	0	-1.24	-1.28	3	3	0	3300	3300	0
8/16/2023 0:28	52502 PROG_T2	0	0	0	0	0	0	0.63	0.6	0	0	0	0	0	0
8/16/2023 1:21	52502 PROG_T2	0	0	0	0	0	0	-0.4	-0.42	1	1	0	900	900	0
8/16/2023 5:54	53501 EVIL_T2	1	0	-1	0.4	0	-0.4	-0.41	-0.31	1	1	0	600	600	0
8/16/2023 6:44	15203 SFAR_T2	1	1	0	0.1	0.1	0	0	0	0	0	0	0	0	0
8/16/2023 8:18	58402 MORO_T1	0	0	0	0	0	0	-1.84	-1.84	3	2	-1	2400	1500	-900
8/16/2023 8:23	67204 TEHI_T2	0	0	0	0	0	0	-0.2	-0.18	0	0	0	0	0	0
8/16/2023 8:23	59101 WALK_T2	1	0	0	0	0	0	1.84	2.08	1	1	0	600	600	0
8/16/2023 8:29	54502 ENOL_T2	0	0	0	0	0	0	-1.8	-1.84	1	1	0	600	600	0
8/16/2023 8:30	58402 MORO_T1	0	0	0	0	0	0	-1.84	-0.84	2	2	0	1500	1500	0
8/16/2023 8:42	53601 DALM_T2	1	1	0	0.6	1.1	0.5	-0.77	-0.83	2	2	0	1500	1500	0
8/16/2023 8:45	40101 HUNT_T2	0	0	0	0	0	0	-0.39	-0.34	0	0	0	0	0	0
8/16/2023 8:54	45901 AUBU_T1	0	0	0	0	0	0	1.59	1.63	0	0	0	0	0	0
8/16/2023 9:39	56802 BENV_T2	1	1	0	0.6	0.8	0.2	-1.02	-0.99	0	0	0	0	0	0
8/16/2023 9:40	67204 TEHI_T2	0	0	0	0	0	0	-0.09	-0.09	0	0	0	0	0	0
8/16/2023 9:42	45802 HEGI_T2	0	0	0	0	0	0	0.55	-0.15	2	2	0	1200	1200	0
8/16/2023 9:45	42002 MNVI_T2	1	1	0	2.1	2.1	0	0	0	0	0	0	0	0	0
8/16/2023 9:46	41901 REED_T1	1	1	0	0.1	0.2	0.1	-1.16	-1.07	1	1	0	900	900	0
8/16/2023 9:48	48302 ORWI_T2	1	1	0	0.3	0.1	-0.2	0.14	0.15	0	0	0	0	0	0
8/16/2023 9:49	43202 MVIL_T2	0	0	0	0	0	0	-0.5	-0.5	0	0	0	0	0	0
8/16/2023 9:50	43304 WATS_T2	0	0	0	0	0	0	0.16	-0.45	1	1	0	600	600	0
8/16/2023 9:50	61202 REIN_T1	2	0	-2	0.1	0	-0.1	0	0	0	0	0	0	0	0
8/16/2023 9:52	56802 BENV_T2	1	1	0	0.8	0.8	0	-0.99	-0.97	0	0	0	0	0	0
8/16/2023 9:53	44203 POIN_T2	4	4	0	0.63	0.35	-0.28	0.28	0.17	2	2	0	2100	2100	0
8/16/2023 9:53	62607 ENGL_T1	1	1	0	6	5.5	-0.5	0	0	0	0	0	0	0	0
8/16/2023 9:53	45003 LIME_2	137	103	-34	1.8	0.77	-1.03	0	0	1	1	0	1200	1200	0
8/16/2023 9:54	20401 ASHF_T2	1	1	0	0.2	0.3	0.1	0	0	0	0	0	0	0	0
8/16/2023 9:54	45901 AUBU_T1	0	0	0	0	0	0	1.5	1.46	0	0	0	0	0	0
8/16/2023 9:57	53501 EVIL_T2	0	0	0	0	0	0	-0.91	-0.89	4	4	0	2700	2700	0
8/16/2023 9:59	40902 JESH_T1	0	1	1	0	0	0	-0.54	-0.53	3	3	0	1800	1800	0
8/16/2023 9:59	49804 UNIV_T1	0	0	0	0	0	0	1.78	1.71	0	0	0	0	0	0
8/16/2023 10:00	15604 NSTR_T1	0	0	0	0	0	0	0.29	0.29	0	0	0	0	0	0
8/16/2023 10:00	58803 COCO_T1	2	2	0	2.2	1.95	-0.25	-0.75	-0.69	0	0	0	0	0	0
8/16/2023 10:00	67604 WARW_T1	0	0	0	0	0	0	0.32	0.36	0	0	0	0	0	0
8/16/2023 10:00	65901 SAKR_T2	0	0	0	0	0	0	-0.72	-0.74	2	2	0	1500	1500	0
8/16/2023 10:00	10602 BLGL_T2	2	11	9	3.95	4	0.05	1.65	1.71	0	0	0	0	0	0
8/16/2023 10:00	64801 MONE_T2	0	0	0	0	0	0	0.64	0.66	0	0	0	0	0	0
8/16/2023 10:00	52503 PROG_T2	0	0	0	0	0	0	-0.3	-0.29	1	1	0	900	900	0
8/16/2023 10:00	41901 REED_T1	0	2	2	0	0.25	0.25	-1.07	-1.15	1	1	0	900	900	0
8/16/2023 10:00	56601 HAMP_T1	0	0	0	0	0	0	-0.08	-0.08	0	0	0	0	0	0
8/16/2023 10:00	12604 MACA_T1	0	0	0	0	0	0	0.66	0.69	0	0	0	0	0	0
8/16/2023 10:06	59101 WALK_T2	1	1	0	0	0	0	2.24	1.46	1	2	1	600	1200	600
8/16/2023 10:07	45902 AUBU_T1	0	0	0	0	0	0	-0.15	-0.18	1	1	0	600	600	0
8/16/2023 10:10	43301 WATS_T2	1	0	-1	0.3	0	-0.3	0	0	0	0	0	0	0	0
8/16/2023 10:11	24105 EHAZ_T1	4	4	0	6.45	6.6	0.15	0	0	0	0	0	0	0	0
8/16/2023 10:11	56802 BENV_T2	1	1	0	0.6	0.8	0.2	-0.97	-0.94	0	0	0	0	0	0
8/16/2023 10:12	44801 EDAN_T2	1	1	0	0.6	0.4	-0.2	0	0	0	0	0	0	0	0
8/16/2023 10:15	40903 JESH_T1	0	1	1	0	0	0	0	0	0	0	0	0	0	0
8/16/2023 10:19	66505 SMAN_T2	0	0	0	0	0	0	0.37	0.26	3	3	0	2100	2100	0
8/16/2023 10:19	52502 PROG_T2	0	0	0	0	0	0	-0.17	-0.14	1	1	0	900	900	0
8/16/2023 10:20	54701 NEBL_T1	2	3	1	0.55	0.4	-0.15	0	0	1	1	0	600	600	0
8/16/2023 10:24	28601 BLYT_T2	1	1	0	0.8	0.3	-0.5	0	0	0	0	0	0	0	0
8/16/2023 10:26	15001 BLMO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8/16/2023 10:28	17805 GILB_T2	0	0	0	0	0	0	0.48	0.51	0	0	0	0	0	0
8/16/2023 10:29	42902 MIDD_T2	0	2	2	0	0	0	0.04	0	1	1	0	600	600	0
8/16/2023 10:29	52402 GRPA_T2	1	1	0	4.1	3.6	-0.5	0	0	0	0	0	0	0	0
8/16/2023 10:30	16402 MOPO_T1	0	0	0	0	0	0	0.99	-0.07	0	0	0	0	0	0
8/16/2023 10:35	67502 WEWI_T2	0	0	0	0	0	0	-0.57	-0.62	1	1	0	900	900	0
8/16/2023 10:39	11102 EGYP_T1	2	1	-1	0.5	0.5	0	0	0	0	0	0	0	0	0
8/16/2023 10:39	55101 WERT_T1	0	0	0	0	0	0	-1.47	-2.18	4	4	0	3300	3300	0
8/16/2023 10:42	28403 HART_T2	0	0	0	0	0	0	-0.46	-0.44	1	1	0	900	900	0
8/16/2023 10:44	54504 ENOL_T2	0	0	0	0	0	0	-0.73	-0.71	1	1	0	600	600	0
8/16/2023 10:44	53501 EVIL_T2	1	0	-1	0.1	0	-0.1	-0.76	-0.9	4	4	0	2700	2700	0
8/16/2023 10:45	52403 GRPA_T2	0	0	0	0	0	0	-0.26	-0.19	0	0	0	0	0	0
8/16/2023 10:49	52502 PROG_T2	0	0	0	0	0	0	-0.11	-0.1	1	1	0	900	900	0
8/16/2023 10:52	29401 BELT_T1	0	10	10	0	0.12	0.12	0	0	1	1	0	900	900	0
8/16/2023 10:53	59101 WALK_T2	1	1	0	0	0	0	1.48	1.61	2	2	0	1200	1200	0
8/16/2023 10:53	15001 BLMO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8/16/2023 10:55	53503 EVIL_T2	1	1	0	0.5	0.1	-0.4	0	0	0	0	0	0	0	0
8/16/2023 10:55	42701 AUGU_T1	0	0	0	0	0	0	0	0	2	2	0	1800	1800	0
8/16/2023 10:55	56802 BENV_T2	1	1	0	0.5	0.7	0.2	-0.91	-0.91	0	0	0	0	0	0
8/16/2023 11:00	65503 MOJO_T2	0	0	0	0	0	0	-0.15	-0.13	1	1	0	900	900	0
8/16/2023 11:02	52403 GRPA_T2	0	0	0	0	0	0	-0.19	-0.29	0	0	0	0	0	0
8/16/2023 11:04	66703 STRA_T1	0	0	0	0	0	0	0.59	0.59	0	0	0	0	0	0
8/16/2023 11:08	10805 CHHI_T2	1	8	7	9.3	9.6	0.3	-0.9	-0.8	2	2	0	1800	1800	0
8/16/2023 11:09	60801 BUCK_T1	2	9	7	0.1	0.17	0.07	0	0	0	0	0	0	0	0
8/16/2023 11:10	56803 BENV_T1	2	2	0	1.7	0.8	-0.9	0.77	0.76	0	0	0	0	0	0
8/16/2023 11:12	15001 BLMO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8/16/2023 11:13	43402 BENT_T1	0	1	1	0	0.4	0.4	-0.68	-1.25	1	2	1	900	1500	600
8/16/2023 11:14	52403 GRPA_T2	0	0	0	0	0	0	-0.29	-0.28	0	0	0	0	0	0
8/16/2023 11:21	66502 SMAN_T2	0	2	2	0	0.3	0.3	0	0	0	0	0	0	0	0
8/16/2023 11:23	29401 BELT_T1	9	62	53	0.12	0.34	0.22	0	0	1	1	0	900	900	0
8/16/2023 11:23	10805 CHHI_T2	2	8	6	4.9	3.47	-1.43	-0.8	-0.89	2	2	0	1800	1800	0
8/16/2023 11:27	61801 EELI_T2	0	0	0	0	0	0	-0.08	-0.07	1	1	0	600	600	0
8/16/2023 11:30	53902 HALI_T2	0	1	1	0	0.6	0.6	0	0	0	0	0	0	0	0
8/16/2023 11:31	40101 HUNT_T2	1	2	1	0.3	0.1	-0.2	-0.25	-0.26	0	0	0	0	0	0
8/16/2023 11:32	64301 LINC_T1	0	0	0	0	0	0	-0.11	-0.11	1	1	0	600	600	0
8/16/2023 11:34	64802 MONE_T2	3	3	0	0.5	0.53	0.03	0.27	0.28	0	0	0	0	0	0
8/16/2023 11:38	29402 BELT_T1	75	12	-63	0.34	0.42	0.08	0

8/16/2023 15:04	52401 GRPA_T2	1	1	0	0.5	0	-0.5	0	0	0	0	0	0	0
8/16/2023 15:05	56501 ROCK_T2	1	1	0	0.5	0.2	-0.3	0	0	0	0	0	0	0
8/16/2023 15:25	44203 POIN_T2	4	7	3	1	1.72	0.72	0.33	0.23	2	2	0	2100	2100
8/16/2023 15:31	47101 MARL_T1	0	6	6	0	0.5	0.5	-0.16	-0.21	0	0	0	0	0
8/16/2023 15:33	14403 SSLA_T1	0	0	0	0	0	0	1.15	1.15	1	1	0	600	600
8/16/2023 15:38	56803 BENV_T1	1	2	1	1.5	0.4	-1.1	0	0	0	0	0	0	0
8/16/2023 15:40	12202 FOGE_T2	0	1	1	0	0.2	0.2	0.11	0.12	1	1	0	600	600
8/16/2023 15:43	63401 HONY_T1	0	0	0	0	0	0	0.6	0.63	1	1	0	600	600
8/16/2023 15:44	47901 HRDG_T1	0	0	0	0	0	0	0.93	1.28	1	1	0	1200	1200
8/16/2023 15:49	47403 PENS_T1	1	1	0	2.1	2	-0.1	0	0	0	0	0	0	0
8/16/2023 15:58	27101 GFLD_T2	2	2	0	1.7	0	-1.7	0.82	0.77	0	0	0	0	0
8/16/2023 16:34	65902 SAKR_T2	0	0	0	0	0	0	-0.52	-0.55	2	2	0	1200	1200
8/16/2023 16:47	47403 PENS_T1	1	1	0	2.1	2.1	0	0	0	0	0	0	0	0
8/16/2023 17:41	45003 LIME_2	137	66	-71	2.39	0.29	-2.1	0	0	1	1	0	1200	1200
8/16/2023 20:05	43304 WATS_T2	5	16	11	0.6	0.37	-0.23	-0.03	-0.05	0	0	0	0	0
8/16/2023 20:05	59101 WALK_T2	1	1	0	0	0	0	0.64	0.59	2	2	0	1050	1050
8/16/2023 20:07	45902 AUBU_T1	1	1	0	0.5	0.1	-0.4	-0.52	-0.55	1	1	0	600	600
8/16/2023 20:12	40901 JESH_T1	1	1	0	0.5	0.5	0	0	0	0	0	0	0	0
8/16/2023 20:12	56802 BENV_T2	2	2	0	0.3	0.25	-0.05	-0.81	-0.82	0	0	0	0	0
8/16/2023 20:13	44802 EDAN_T2	0	0	0	0	0	0	-1.7	-1.72	1	1	0	1200	1200
8/16/2023 20:13	24102 EHAZ_T1	1	14	13	0.2	0.95	0.75	0	0	0	0	0	0	0
8/16/2023 20:17	52502 PROG_T2	0	1	1	0	0	0	0.11	0.08	1	1	0	900	900
8/16/2023 20:20	54701 NEBL_T1	3	2	-1	0.37	0.5	0.13	0	0	1	1	0	600	600
8/16/2023 20:21	66505 SMAN_T2	0	1	1	0	0.6	0.6	0.15	0.22	3	3	0	2100	2100
8/16/2023 20:26	28604 BLYT_T2	0	0	0	0	0	0	-0.88	-0.9	0	0	0	0	0
8/16/2023 20:38	67502 WEWI_T2	0	0	0	0	0	0	-0.82	-0.97	1	1	0	900	900
8/16/2023 20:40	53501 EVIL_T2	0	0	0	0	0	0	-1.17	-1.22	3	3	0	1800	1800
8/16/2023 20:42	11102 EGYP_T1	3	4	1	1.1	0.5	-0.6	0	0	0	0	0	0	0
8/16/2023 20:43	28403 HART_T2	0	0	0	0	0	0	-0.33	-0.35	1	1	0	900	900
8/16/2023 20:47	52502 PROG_T2	0	0	0	0	0	0	0.05	0.02	1	1	0	900	900
8/16/2023 20:48	52403 GRPA_T2	0	0	0	0	0	0	-0.24	-0.26	0	0	0	0	0
8/16/2023 20:52	42701 AUGU_T1	0	0	0	0	0	0	0	0	2	2	0	1800	1800
8/16/2023 20:54	29401 BELT_T1	0	1	1	0	0.1	0.1	0	0	1	1	0	900	900
8/16/2023 20:56	56802 BENV_T2	2	3	1	0.2	0.23	0.03	-0.85	-0.86	0	0	0	0	0
8/16/2023 20:56	15001 BLMO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
8/16/2023 21:08	10805 CHHI_T2	11	24	13	1.27	1.22	-0.05	-0.45	-0.42	1	1	0	600	600
8/16/2023 21:14	43402 BENT_T1	0	0	0	0	0	0	-0.78	-0.78	1	1	0	900	900
8/16/2023 21:16	42903 MIDD_T2	2	2	0	0.65	1.05	0.4	0	0	0	0	0	0	0
8/16/2023 21:23	29401 BELT_T1	0	3	3	0	0.13	0.13	0	0	1	1	0	900	900
8/16/2023 21:27	10805 CHHI_T2	24	21	-3	1.36	0.95	-0.41	-0.42	-0.47	1	1	0	600	600
8/16/2023 21:29	43402 BENT_T1	0	0	0	0	0	0	-0.78	-0.79	1	1	0	900	900
8/16/2023 21:31	64305 LINC_T1	1	2	1	0.8	0.1	-0.7	0	0	0	0	0	0	0
8/16/2023 21:41	29401 BELT_T1	3	0	-3	0.13	0	-0.13	0	0	1	1	0	900	900
8/16/2023 21:42	23401 HONE_T2	0	0	0	0	0	0	-0.02	0.04	0	0	0	0	0
8/16/2023 21:57	44502 HAMI_T2	1	1	0	2.8	2.6	-0.2	-0.59	-0.61	0	0	0	0	0
8/16/2023 22:05	47101 MARL_T1	0	0	0	0	0	0	-0.83	-1.09	0	0	0	0	0
8/16/2023 22:05	64101 REFR_T1	0	0	0	0	0	0	0.32	0.29	0	0	0	0	0
8/16/2023 22:09	17804 GILB_T2	0	0	0	0	0	0	-0.4	-0.4	0	0	0	0	0
8/16/2023 22:10	67602 WARW_T2	0	0	0	0	0	0	0.58	0.57	2	2	0	1500	1500
8/16/2023 22:11	43302 WATS_T2	4	4	0	0.2	0.58	0.38	0	0	0	0	0	0	0
8/16/2023 22:12	41902 REED_T1	3	3	0	0.27	0	-0.27	0	0	0	0	0	0	0
8/16/2023 22:13	47901 HRDG_T1	0	0	0	0	0	0	2.07	1.58	1	1	0	1200	1200
8/16/2023 22:13	41602 CLEV_T1	0	0	0	0	0	0	0	0	1	1	0	600	600
8/16/2023 22:14	43402 BENT_T1	0	0	0	0	0	0	-0.81	-0.81	1	1	0	900	900
8/17/2023 0:28	52403 GRPA_T2	0	0	0	0	0	0	-0.44	-0.46	0	0	0	0	0
8/17/2023 0:28	47403 PENS_T1	1	1	0	2.3	2.7	0.4	0	0	0	0	0	0	0
8/17/2023 0:28	45001 LIME_2	0	21	21	0	0.25	0.25	0	0	0	0	0	0	0
8/17/2023 0:28	60803 BUCK_T1	13	17	4	0.29	0.28	-0.01	-1.44	-1.47	2	2	0	1200	1200
8/17/2023 0:28	55101 WERT_T1	0	0	0	0	0	0	-1.57	-1.58	2	2	0	1800	1800
8/17/2023 0:28	12202 FOGE_T2	0	0	0	0	0	0	-0.35	-0.34	1	1	0	600	600
8/17/2023 0:28	63402 HONY_T2	1	1	0	1.1	0.8	-0.3	0	0	0	0	0	0	0
8/17/2023 0:28	53903 HALI_T2	2	3	1	0.5	0.6	0.1	-0.06	-0.06	0	0	0	0	0
8/17/2023 0:28	63404 HONY_T1	2	2	0	8.4	8.25	-0.15	0	0	0	0	0	0	0
8/17/2023 0:28	66505 SMAN_T2	0	0	0	0	0	0	0.62	0.46	1	1	0	900	900
8/17/2023 0:28	59101 WALK_T2	1	1	0	0	0	0	1.8	2.35	3	3	0	1350	1350
8/17/2023 0:28	56801 BENV_T1	20	22	2	1.04	1.47	0.43	-0.64	-0.67	1	1	0	600	600
8/17/2023 0:28	56504 ROCK_T2	0	0	0	0	0	0	-0.43	-0.45	0	0	0	0	0
8/17/2023 0:28	56801 BENV_T1	20	22	2	1.04	1.47	0.43	-0.64	-0.67	1	1	0	600	600
8/17/2023 0:28	27101 GFLD_T2	1	1	0	0	0	0	0.42	0.41	0	0	0	0	0
8/17/2023 0:28	29402 BELT_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
8/17/2023 0:28	56802 BENV_T2	0	1	1	0	0	0	-2.33	-2.39	0	0	0	0	0
8/17/2023 0:28	45602 WOOL_T1	0	0	0	0	0	0	0.59	0.57	0	0	0	0	0
8/17/2023 0:28	45702 LIND_T2	0	1	1	0	0.1	0.1	-0.32	-0.34	0	0	0	0	0
8/17/2023 0:28	40101 HUNT_T2	2	2	0	0.65	0.9	0.25	-0.48	-0.49	0	0	0	0	0
8/17/2023 0:28	64802 MONE_T2	0	0	0	0	0	0	0.45	0.44	0	0	0	0	0
8/17/2023 0:28	59402 RFLD_T2	0	0	0	0	0	0	-1.17	-1.18	1	1	0	450	450
8/17/2023 0:28	15001 BLMO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
8/17/2023 0:28	53501 EVIL_T2	1	1	0	0.2	0.5	0.3	-1.03	-1.07	2	2	0	1200	1200
8/17/2023 0:28	52502 PROG_T2	0	0	0	0	0	0	0.51	0.5	0	0	0	0	0
8/17/2023 0:28	16402 MOPO_T1	0	0	0	0	0	0	0.72	0.72	0	0	0	0	0
8/17/2023 0:28	67503 WEWI_T2	0	0	0	0	0	0	-0.09	-0.09	0	0	0	0	0
8/17/2023 0:28	44203 POIN_T2	0	0	0	0	0	0	-0.84	-0.91	2	2	0	2100	2100
8/17/2023 0:28	17805 GILB_T2	0	0	0	0	0	0	0.06	0.03	0	0	0	0	0
8/17/2023 0:28	10801 CHHI_T1	0	1	1	0	0	0	-1.79	-1.82	3	3	0	2100	2100
8/17/2023 0:28	59202 THOM_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
8/17/2023 0:28	44801 EDAN_T2	1	1	0	1.1	0.8	-0.3	0	0	0	0	0	0	0
8/17/2023 0:28	66703 STRA_T1	4	4	0	0.25	0.33	0.08	-0.08	-0.09	0	0	0	0	0
8/17/2023 0:28	65503 MOJO_T2	0	0	1	0	0	0	-1.08	-1.13	1	1	0	900	900
8/17/2023 0:28	11104 EGYP_T1	0	0	0	0	0	0	0.73	0.71	0	0	0	0	0
8/17/2023 0:28	14403 SSLA_T1	0	0	0	0	0	0	0.91	0.88	0	0	0	0	0
8/17/2023 0:28	12701 MACU_T1	1	0	-1	1.2	0	-1.2	0.32	0.32	0	0	0	0	0
8/17/2023 0:29	65902 SAKR_T2	0	0	0	0	0	0	-0.32	-0.33	1	1	0	300	300
8/17/2023 0:37	60101 COCA_T1	0	0	0	0	0	0	0.44	0.42	0	0	0	0	0
8/17/2023 0:51	61801 EELI_T2	2	2	0	0.85	1	0.15	-0.55	-0.56	1	1	0	600	600
8/17/2023 0:54	66504 SMAN_T2	0	0	0	0	0	0	-2.53	-2.62	2	2	0	2400	2400
8/17/2023 0:59	52401 GRPA_T2	1	9	8	0.5	0.18	-0.32	0	0	0	0	0	0	0
8/17/2023 1:01	52404 GRPA_T2	0	1	1	0	0.1	0.1	0	0	0	0	0	0	0
8/17/2023 7:57	45802 HEGI_T2	0	0	0	0	0	0	0.51	0.53	2	2	0	1200	1200
8/17/2023 8:04	65503 MOJO_T2	0	0	0	0	0	0	-0.39	-0.26	1	1	0	900	900
8/17/2023 8:19	58402 MORO_T1	0	0	0	0	0	0	-1.89	-1.89	3	3	0	2400	2400
8/17/2023 8:31	58402 MORO_T1	0	0	0	0	0	0	-1.89	-1.86	3	3	0	2400	2400
8/17/2023 8:39	53601 DALM_T2	1	1	0	0.8	0.5	-0.3	-0.04	-0.08	1	1	0	600	600
8/17/2023 8:41	45901 AUBU_T1	0	0	0	0	0	0	1.79	1.86	0	0	0	0	0
8/17/2023 8:43	41502 FAIR_T2	0	0	0	0	0	0	-1.55	-1.55	1	1	0	900	900
8/17/2023 8:44	42902 MIDD_T2	0	0	0	0	0	0	0.44	-0.08	1	1	1	0	600
8/17/2023 8:46	40101 HUNT_T2	1	1	0	0.3	0	-0.3	-0.23	-0.14	0	0	0	0	0
8/17/2023 9:08	67204 TEHI_T2	0	0	0	0	0	0	-0.16	-0.12	0	0	0	0	0
8/17/2023 9:15	13503 MCMI_T2	0	0	0	0	0	0	0.04	0.05	0	0	0	0	0
8/17/2023 9:22	29401 BELT_T1	0	16	16	0	0.16	0.16	0	0	0	0	0	0	0
8/17/2023 9:23	56802 BENV_T2	25	3	-22	0.27	0.57	0.3	-1.08	-1.05	0	0	0	0	0
8/17/2023 9:30	26401 INOR_T1	1	1	0	0	0	0	0	0	0	0	0	0	0
8/17/2023 9:30	42001 MNVL_T2	0	0	0	0	0	0	0.27	0.24	0	0	0	0	0
8/17/2023 9:36	45902 AUBU_T1	0	0	0	0	0	0	-0.33	-0.26	1	1	0	600	600
8/17/2023 9:36	67204 TEHI_T2	0	0	0	0	0	0	-0.09	-0.17	0	0	0	0	0
8/17/2023 9:41	56802 BENV_T2	3	2	-1	0.57	0.65	0.08	-1.05	-1.04	0	0	0	0	0
8/17/2023 9:41	29401 BELT_T1	16	0	-16	0.16	0	-0.16	0	0	0	0	0	0	0
8/17/2023 9:42	44502 HAMI_T2	1	1	0	1.5	1.7	0.2	-0.62	-0.63	0	0	0	0	0
8/17/2023 9:46	42902 MIDD_T2	0	0	0	0	0	0	-0.06	-0.06	1	1	0	600	600
8/17/2023 9:47	48302 ORWI_T2	2	2	0	0.75	0.55	-0.2	0.12	0.09	0	0	0	0	0
8/17/2023 9:50	41901 REED_T1	1	4	3	0.2	0.35	0.15	-1.16	-1.14	1	1	0	900	900
8/17/2023 9:52	20401 ASHF_T2	0	2	2	0	0	0	0	0	0	0	0	0	0
8/17/2023 9:52	45901 AUBU_T1	0	0	0	0	0	0	1.84	1.86	0	0	0	0	0
8/17/2023 9:53	43301 WATS_T2	1	1	0	0.5	0.6	0.1	0	0	0	0	0	0	0
8/17/2023 9:54	59101 WALK_T2	2	2	0	0.2	0.2	0	1.66	1.52	0	0	0	0	0
8/17/2023 9:56	56802 BENV_T2	2	11	9	0.65	0.27	-0.38	-1.04	-1.03	0	0	0	0	0
8/17/2023 9:56	46001 BERW_T1	0	0	0	0	0	0	1.38	1.44	0	0	0	0	0
8/17/2023 9:59	53502 EVIL_T2	2	2	0	0.75	0	-0.75	0	0	0	0	0	0	0
8/17/2023 10:00	60803 BUCK_T1	0	1	1	0	0.1	0.1	-0.35	-0.32	1	1	0	600	600
8/17/2023 10:00	20401 ASHF_T2	0	2	2	0	0.15	0.15	0.27	0.25	1	1	0	600	600
8/17/2023 10:00	64801 MONE_T2	0	0	0	0	0	0	0.63	0.65	0	0	0	0	0
8/17/2023 10:00	10602 BLGI_T2	11	23	12	0.98	1.55	0.57	1.77	1.73	0	0	0	0	0
8/17/2023 10:00	52503 PROG_T2	0	0	0	0	0	0	-0.39	-0.4	1	1	0	900	900
8/17/2023 10:00	52503 PROG_T2	0	0	0	0	0	0	-0.39	-0.4	1	1	0	900	900
8/17/2023 10:00	56601 HAMP_T1	0	0	0	0	0	0	-0.09	-0.09	0	0	0	0	0
8/17/2023 10:00	67604 WARW_T1	0	1	1	0	0	0	0.32	0.38	0	0	0	0	0
8/17/2023 10:00	66505 SMAN_T2	0	1	1	0	0	0	0.43	0.51	3	3	0	2100	2100
8/17/2023 10:00	12604 MACA_T1	0	0	0	0	0	0	0.7	0.72	0	0	0	0	0
8/17/2023 10:08	56802 BENV_T2	2	18	16	0.55	0.26	-0.29	-1.03	-0.95	0	0	0	0	0
8/17/2023 10:12	11104 EGYP_T1	0	5	5	0	0.7	0.7	0.99	1.02	0	0	0	0	0
8/17/2023 10:12	28403 HART_T2	0	0	0	0	0	0	-0.54	-0.53	1	1	0	900	900
8/17/2023 10:13	63402 HONY_T2	1	0	-1	0.1	0	-0.1	0	0	0	0	0	0	0
8/17/2023 10:15	40101 HUNT_T2	3	4	1	0.8	0.7	-0.1	-0.41	-0.42	0	0	0	0	0
8/17/2023 10:19	59302 MCAL_T1	0	1	1	0	0	0	0	0	0	0	0	0	0
8/17/2023 10:19	43202 MVIL_T2	0	0	0	0	0	0	-0.5	-0.5	0	0	0	0	0
8/17/2023 10:20	43304 WATS_T2	0	1	1	0	0	0	-0.28	-0.27	0	0	0	0	0
8/17/2023 10:21	48302 ORWI_T2	2	2	0	0.55	0.65	0.1	0.16	0.19	0	0	0	0	0
8/17/2023 10:22	28604 BLYT_T2	0	0	0	0	0	0	-1.19	-1.18	0	0	0	0	0
8/17/2023 10:25	16302 ALPA_T2	0	0	0	0	0	0	0.06	0.12	0	0	0	0	0
8/17/2023 10:28	24105 EHAZ_T1	4	4	0	5.55	5.73	0.18	0	0	0	0	0	0	0
8/17/2023 10:29	52403 GRPA_T2	2	2	0	0.35	0.4	0.05	0.31	0.32	0	0	0	0	0
8/17/2023 10:29	11102 EGYP_T1	3	4	1	1.03	0.97	-0.06	0	0	0	0	0	0	0
8/17/2023 10:29	43402 BENT_T1	0	0	0	0	0	0	-1.08	-1.09	2	2	0	1500	1500
8/17/2023 10:30	42902 MIDD_T2	0	0	0	0	0	0	-0.05	-0.12	1	1	0	600	600
8/17/2023 10:31	62602 ENGL_T1	1	1	0	0.3	0	-0.3	0	0	0	0	0	0	0
8/17/2023 10:33	64802 MONE_T2	0	2	2	0	0.15	0.15	0.38	0.4	0	0	0	0	0
8/17/2023 10:37	16302 ALPA_T2	0	0	0	0	0	0	0.12	0.14	0	0	0	0	0
8/17/2023 10:37	45902 AUBU_T1	0	0	0	0	0	0	-0.33	-0.16	1	1	0	600	600
8/17/2023 10:38	15001 BLMO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
8/17/2023 10:38	10805 CHHI_T2	3	1	-2	3.43	9.7	6.27	-1.03	-0.93	2	2	0	1800	1800
8/17/2023 10:39	67502 WEWI_T2	0	1	1	0	0.4	0.4	-0.67	-0.64	1	1	0	900	900
8/17/2023 10:39	29402 BELT_T1	0	1	1	0	0.1	0.1	0	0	0	0	0	0	0
8/17/2023 10:40	43301 WATS_T2	1	1	0	0.5	0.4	-0.1	-0.4	-0.38	1	1	0	900	900
8/17/2023 10:40	56802 BENV_T2	15	5	-10	0.26	0.34	0.08	-0.92	-0.89	0	0	0	0	0
8/17/2023 10:45	62604 ENGL_T1	0	0	0	0	0	0	-0.92	-0.78	1	1	0	600	600
8/17/2023 10:47	16402 MOPO_T1	0	0	0	0	0	0	0.04	0.09	0	0	0	0	0
8/17/2023 10:50	44201 POIN_T1	37	52	15	0.41	0.63	0.22	-0.04	-0.07	2	2	0	2100	2100
8/17/2023 10:52	67502 WEWI_T2	0	1	1	0	0.4	0.4	0	0	0	0	0	0	0
8/17/2023 10:52	59101 WALK_T2	1	1	0	0	0	0	1.98	1.76	0	0	0	0	0
8/17/2023 10:53	56802 BENV_T2	4	5	1	0.35	0.32	-0.03	-0.89	-0.86	0	0	0	0	0
8/17/2023 10:53	66505 SMAN_T2	0	5	5	0	0	0	0.41	0.43	4	4	0	2300	2300
8/17/2023 10:54	15001 BLMO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
8/17/2023 10:55	60101 COCA_T1	0	0	0	0	0	0	0.85	0.87	0	0	0	0	0
8/17/2023 10:55	44802 EDAN_T2	0	0	0	0	0	0	-1.75	-1.76	1	1	0	1200	1200
8/17/2023 10:59	44901 SCOT_T2	0	0	0	0	0	0	0.74	0.69	0	0	0	0	0
8/17/2023 11:00	45702 LIND_T2	0	1	1	0	1	1	-0.19	-0.19	0	0	0	0	0
8/17/2023 11:00	62606 ENGL_T1	0	1	1	0	0	0	0	0	0	0	0	0	0
8/17/2023 11:07	60801 BUCK_T1	12	10	-2	0.18	0.19	0.01	0	0	0	0	0	0	0
8/17/2023 11:09	55101 WERT_T1	0	0	0	0	0	0	-1.96	-2.06	4	4	0	3300	3300
8/17/2023 11:09	59101 WALK_T2	1	1	0	0	0	0	1.76	1.84	0	0	0	0	0
8/17/2023 11:10	29401 BELT_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
8/17/2023 11:10	10805 CHHI_T2	1	6	5	9.7	8.7	-1	-1.14	-1.03	2	2	0	1800	1800
8/17/2023 11:12	28403 HART_T2	0	0	0	0	0	0	-0.52	-0.51	1	1	0	900	900
8/17/2023 11:13	44905 SCOT_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
8/17/2023 11:16	62607 ENGL_T1	1	1	0	4	3.7	-0.3	0	0	0	0	0	0	0
8/17/2023 11:21	29402 BELT_T1	3	11	8	0.1	0.17	0.07	0	0	0	0	0	0	0
8/17/2023 11:23	15001 BLMO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
8/17/2023 11:23	45602 WOOL_T1	1	0	-1	0.1	0	-0.1	0.76	0.77	0

Appendix C - Grid Benefits Achieved in Each Instance of Active Management

8/17/2023 14:17	12701 MACU_T1	9	13	4	0.49	0.32	-0.17	-0.65	-0.64	1	1	0	1200	1200	0
8/17/2023 14:18	52502 PROG_T2	0	0	0	0	0	0	0.09	0.12	1	1	0	900	900	0
8/17/2023 14:19	64101 REFR_T1	3	10	7	0.2	0.33	0.13	0.6	0.65	0	0	0	0	0	0
8/17/2023 14:20	47403 PENS_T1	1	1	0	2.6	2.6	2.5	-0.1	0	0	0	0	0	0	0
8/17/2023 14:23	55101 WERT_T1	12	23	11	0.49	0.74	0.25	-1.64	-1.59	4	4	0	3300	3300	0
8/17/2023 14:23	10801 CHHI_T1	37	31	-6	0.58	0.32	-0.26	-0.87	-0.9	3	3	0	2100	2100	0
8/17/2023 14:31	12701 MACU_T1	6	13	7	0.38	0.35	-0.03	-0.64	-0.63	1	1	0	1200	1200	0
8/17/2023 14:31	42902 MIDD_T2	2	1	-1	1.35	1.5	0.15	0.07	0.19	1	1	0	600	600	0
8/17/2023 14:31	46506 LOHA_T1	1	1	0	0.3	0.2	-0.1	-0.15	-0.14	0	0	0	0	0	0
8/17/2023 14:32	64101 REFR_T1	3	10	7	0.33	0.73	0.4	0.65	0.69	0	0	0	0	0	0
8/17/2023 14:37	42701 AUGU_T1	0	0	0	0	0	0	0	0	2	2	0	1800	1800	0
8/17/2023 14:38	59101 WALK_T2	1	1	0	0	0	0	0.66	0.8	2	2	0	1200	1200	0
8/17/2023 14:38	55101 WERT_T1	10	23	13	0.74	0.41	-0.33	-1.59	-1.56	4	4	0	3300	3300	0
8/17/2023 14:41	44802 EDAN_T2	0	0	0	0	0	0	-1.51	-1.52	1	1	0	1200	1200	0
8/17/2023 14:42	15001 BLMO_T1	1	3	2	0.1	0	-0.1	0	0	0	0	0	0	0	0
8/17/2023 14:45	52403 GRPA_T2	4	2	-2	0.85	0.2	-0.65	-0.38	-0.38	0	0	0	0	0	0
8/17/2023 14:47	47401 PENS_T1	13	5	-8	0.52	0.35	-0.17	0.55	0.36	0	0	0	0	0	0
8/17/2023 14:48	65902 SAKR_T2	0	0	0	0	0	0	-0.54	-0.54	2	2	0	1200	1200	0
8/17/2023 14:51	42701 AUGU_T1	0	0	0	0	0	0	0	0	2	2	0	1800	1800	0
8/17/2023 14:57	12206 FOGE_T2	0	0	0	0	0	0	-0.78	-0.78	3	3	0	3300	3300	0
8/17/2023 15:04	44203 POIN_T2	5	5	0	0.3	0.45	0.15	0.3	0.24	2	2	0	2100	2100	0
8/17/2023 15:06	59202 THOM_T1	0	1	1	0	0.1	0.1	0	0	0	0	0	0	0	0
8/17/2023 15:07	55101 WERT_T1	21	24	3	0.58	0.37	-0.21	-1.65	-3.02	4	4	0	3300	3300	0
8/17/2023 15:07	42201 SHEN_T2	0	3	3	0	0.3	0.3	-0.07	-0.11	1	1	0	600	600	0
8/17/2023 15:16	64802 MONE_T2	3	0	-3	0.13	0	-0.13	0	0	0	0	0	0	0	0
8/17/2023 15:17	52403 GRPA_T2	1	4	3	0.2	0.55	0.35	0	0	0	0	0	0	0	0
8/17/2023 15:18	52401 GRPA_T2	6	30	24	0.68	0.53	-0.15	0	0	0	0	0	0	0	0
8/17/2023 15:19	56501 ROCK_T2	4	3	-1	0.1	0.23	0.13	-1.95	-3.82	0	0	0	0	0	0
8/17/2023 15:26	61102 BERK_T5	0	0	0	0	0	0	-0.2	-0.25	2	2	0	1500	1500	0
8/17/2023 15:27	63401 HONY_T1	0	0	0	0	0	0	1.37	1.29	1	1	0	600	600	0
8/17/2023 15:30	52402 GRPA_T2	1	1	0	3.1	2.9	-0.2	0	0	0	0	0	0	0	0
8/17/2023 15:42	47901 HRDG_T1	0	0	0	0	0	0	1.53	1.26	1	1	0	1200	1200	0
8/17/2023 15:47	47403 PENS_T1	1	1	0	2.5	2.4	-0.1	0	0	0	0	0	0	0	0
8/17/2023 15:48	46302 ROHR_T1	2	4	2	0.65	0.35	-0.3	0.69	0.71	0	0	0	0	0	0
8/17/2023 15:51	43304 WATS_T2	1	8	7	0.4	0.4	0	-0.98	-0.87	1	1	0	600	600	0
8/17/2023 16:02	44203 POIN_T2	6	5	-1	1.43	1.45	0.02	0.56	0.59	2	2	0	2100	2100	0
8/17/2023 16:13	52403 GRPA_T2	5	6	1	1.18	1.1	-0.08	0	0	0	0	0	0	0	0
8/17/2023 16:37	14401 SSLA_T1	1	1	0	1.2	0.9	-0.3	0	0	0	0	0	0	0	0
8/17/2023 16:48	25402 LAHA_T2	0	0	0	0	0	0	-1.21	-1.2	0	0	0	0	0	0
8/17/2023 16:52	41901 REED_T1	2	7	5	0.2	0.4	0.2	0	0	0	0	0	0	0	0
8/17/2023 16:59	52404 GRPA_T2	0	0	0	0	0	0	-0.21	-0.25	0	0	0	0	0	0
8/17/2023 19:47	29402 BELT_T1	4	8	4	0.43	0.14	-0.29	0	0	0	0	0	0	0	0
8/17/2023 20:06	66505 SMAN_T2	3	3	0	0.6	0.1	-0.5	0.08	-0.01	4	4	0	2300	2300	0
8/17/2023 20:11	11104 EGYP_T1	0	3	3	0	0.1	0.1	-0.1	-0.13	1	1	0	900	900	0
8/17/2023 20:12	28403 HART_T2	0	0	0	0	0	0	-0.64	-0.65	1	1	0	900	900	0
8/17/2023 20:19	48302 ORWI_T2	2	2	0	0.7	0.75	0.05	-0.75	-0.75	0	0	0	0	0	0
8/17/2023 20:20	52502 PROG_T2	0	0	0	0	0	0	0.35	0.33	1	1	0	900	900	0
8/17/2023 20:22	28604 BLYT_T2	0	0	0	0	0	0	-1.9	-1.93	0	0	0	0	0	0
8/17/2023 20:23	16302 ALPA_T2	0	1	1	0	0	0	0.03	-0.03	0	0	0	0	0	0
8/17/2023 20:27	24102 EHAZ_T1	2	3	1	0.55	0.1	-0.45	0	0	0	0	0	0	0	0
8/17/2023 20:28	11104 EGYP_T1	2	7	5	0.1	0.1	0	-0.13	1.59	1	0	-1	900	0	-900
8/17/2023 20:38	67503 WEWI_T2	1	0	-1	0.1	0	-0.1	0	0	0	0	0	0	0	0
8/17/2023 20:39	56802 BENV_T2	0	0	0	0	0	0	-1.51	-1.57	0	0	0	0	0	0
8/17/2023 20:39	43301 WATS_T2	0	0	0	0	0	0	-0.37	-0.4	1	1	0	900	900	0
8/17/2023 20:40	45902 AUBU_T1	1	1	0	0.2	0.1	-0.1	-0.96	-1.01	1	1	0	600	600	0
8/17/2023 20:40	16302 ALPA_T2	1	0	-1	0.7	0	-0.7	-0.03	-0.09	0	0	0	0	0	0
8/17/2023 20:41	29401 BELT_T1	31	39	8	0.18	0.23	0.05	0	0	0	0	0	0	0	0
8/17/2023 20:42	10805 CHHI_T2	1	6	5	8.2	7.9	-0.3	-2.88	-2.97	2	2	0	1800	1800	0
8/17/2023 20:46	16402 MOPO_T1	0	0	0	0	0	0	1.92	1.9	0	0	0	0	0	0
8/17/2023 20:52	15001 BLMO_T1	1	1	0	0.7	0.2	-0.5	0	0	0	0	0	0	0	0
8/17/2023 21:09	29401 BELT_T1	29	16	-13	0.27	0.16	-0.11	0	0	1	1	0	900	900	0
8/17/2023 21:11	44905 SCOT_T1	2	0	-2	0.55	0	-0.55	0	0	0	0	0	0	0	0
8/17/2023 21:22	43301 WATS_T2	0	1	1	0	0.2	0.2	0	0	0	0	0	0	0	0
8/17/2023 21:51	65601 QVIL_T2	1	1	0	0.2	0.3	0.1	0	0	0	0	0	0	0	0
8/17/2023 21:52	15001 BLMO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8/17/2023 21:55	13704 SCHN_T2	0	0	0	0	0	0	-1	-1.04	0	0	0	0	0	0
8/17/2023 21:58	47403 PENS_T1	1	0	-1	2.8	0	-2.8	0	0	0	0	0	0	0	0
8/17/2023 22:01	17804 GILB_T2	0	0	0	0	0	0	-0.74	-0.77	0	0	0	0	0	0
8/17/2023 22:01	64301 LINC_T1	0	0	0	0	0	0	-1.48	-1.55	1	1	0	600	600	0
8/17/2023 22:06	52401 GRPA_T2	1	0	-1	0.4	0.2	-0.2	0	0	0	0	0	0	0	0
8/17/2023 22:06	47901 HRDG_T1	0	0	0	0	0	0	2.9	2.81	1	1	0	1200	1200	0
8/17/2023 22:08	64101 REFR_T1	0	0	0	0	0	0	0.97	0.89	0	0	0	0	0	0
8/17/2023 22:10	52401 GRPA_T2	1	1	0	0.4	0.2	-0.2	-0.65	-0.68	0	0	0	0	0	0
8/17/2023 22:12	43402 BENT_T1	0	0	0	0	0	0	-1.59	-1.62	1	1	0	900	900	0
8/17/2023 22:29	43402 BENT_T1	0	0	0	0	0	0	-1.62	-1.64	1	1	0	900	900	0
8/17/2023 22:32	56504 ROCK_T2	3	2	-1	0.93	0.15	-0.78	0	0	0	0	0	0	0	0
8/17/2023 23:12	43401 BENT_T1	0	1	1	0	0	0	0	0	0	0	0	0	0	0
8/17/2023 23:29	43401 BENT_T1	1	0	-1	1	0	-1	0	0	0	0	0	0	0	0
8/18/2023 0:12	43402 BENT_T1	0	0	0	0	0	0	-2.93	-2.94	2	2	0	1500	1500	0
8/18/2023 0:28	62607 ENGL_T1	1	1	0	5.8	5.4	-0.4	0	0	0	0	0	0	0	0
8/18/2023 0:28	66503 SMAN_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8/18/2023 0:28	46504 LOHA_T1	2	2	0	1.05	1.15	0.1	0	0	0	0	0	0	0	0
8/18/2023 0:28	64802 MONE_T2	0	0	0	0	0	0	0.95	0.98	0	0	0	0	0	0
8/18/2023 0:28	47401 PENS_T1	0	0	0	0	0	0	0.16	0.21	0	0	0	0	0	0
8/18/2023 0:28	43304 WATS_T2	0	0	0	0	0	0	-2.64	-2.96	0	0	0	0	0	0
8/18/2023 0:28	63402 HONY_T2	1	1	0	0.6	0.3	-0.3	0	0	0	0	0	0	0	0
8/18/2023 0:28	52402 GRPA_T2	1	1	0	2.4	3.2	0.8	0	0	0	0	0	0	0	0
8/18/2023 0:28	64101 REFR_T1	0	0	0	0	0	0	0.87	0.84	0	0	0	0	0	0
8/18/2023 0:28	52403 GRPA_T2	0	0	0	0	0	0	-1.43	-1.47	0	0	0	0	0	0
8/18/2023 0:28	46302 ROHR_T1	3	3	0	0.4	0.77	0.37	0.45	0.48	0	0	0	0	0	0
8/18/2023 0:28	60803 BUCK_T1	0	0	0	0	0	0	-2.15	-2.16	2	2	0	1200	1200	0
8/18/2023 0:28	43202 MVIL_T2	0	0	0	0	0	0	-1.2	-1.23	0	0	0	0	0	0
8/18/2023 0:28	10805 CHHI_T2	7	6	-1	1.91	4.75	2.84	-1.28	-1.29	1	1	0	600	600	0
8/18/2023 0:28	12206 FOGE_T2	0	0	0	0	0	0	-2.35	-2.44	3	3	0	3300	3300	0
8/18/2023 0:28	42201 SHEN_T2	0	0	0	0	0	0	0.8	0.76	2	2	0	1200	1200	0
8/18/2023 0:28	44802 EDAN_T2	0	0	0	0	0	0	-4.61	-4.59	1	1	0	1200	1200	0
8/18/2023 0:28	59402 RFLD_T2	0	0	0	0	0	0	-2.18	-2.19	1	1	0	450	450	0
8/18/2023 0:28	52402 GRPA_T2	1	1	0	2.4	3.2	0.8	0	0	0	0	0	0	0	0
8/18/2023 0:28	64802 MONE_T2	0	0	0	0	0	0	0.95	0.98	0	0	0	0	0	0
8/18/2023 0:28	65902 SAKR_T2	0	0	0	0	0	0	-0.56	-0.54	1	1	0	300	300	0
8/18/2023 0:28	67503 WEWI_T2	1	1	0	4.1	4.3	0.2	0.29	0.25	0	0	0	0	0	0
8/18/2023 0:28	40101 HUNT_T2	0	2	2	0	0.2	0.2	-0.82	-0.87	0	0	0	0	0	0
8/18/2023 0:28	59301 MCAL_T1	0	2	2	0	0.2	0.2	-2.47	-2.49	0	0	0	0	0	0
8/18/2023 0:28	42901 MIDD_T2	1	38	37	0.2	0.14	-0.06	0	0	0	0	0	0	0	0
8/18/2023 0:28	66503 SMAN_T2	0	1	1	0	0	0	0	0	0	0	0	0	0	0
8/18/2023 0:28	25801 SUTR_T2	0	0	0	0	0	0	0.28	0.25	0	0	0	0	0	0
8/18/2023 0:28	55101 WERT_T1	0	0	0	0	0	0	-15.43	-16.11	15	15	0	13500	13500	0
8/18/2023 0:28	28403 HART_T2	0	0	0	0	0	0	-1.31	-1.36	1	1	0	900	900	0
8/18/2023 0:28	59202 THOM_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8/18/2023 0:28	63404 HONY_T1	2	2	0	8.05	7.8	-0.25	0	0	0	0	0	0	0	0
8/18/2023 0:28	44203 POIN_T2	0	0	0	0	0	0	-0.72	-0.64	2	2	0	2100	2100	0
8/18/2023 0:28	17803 GILB_T2	1	1	0	0.2	0.1	-0.1	0	0	0	0	0	0	0	0
8/18/2023 0:28	15001 BLMO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8/18/2023 0:28	65503 MOJO_T2	0	0	0	0	0	0	-1.94	-1.99	1	1	0	900	900	0
8/18/2023 0:28	61801 EELI_T2	0	1	1	0	0.3	0.3	-0.69	-0.68	1	1	0	600	600	0
8/18/2023 0:28	45602 WOOL_T1	0	0	0	0	0	0	1.34	1.34	0	0	0	0	0	0
8/18/2023 0:28	41902 REED_T1	0	0	0	0	0	0	0.29	0.24	1	1	0	900	900	0
8/18/2023 0:28	14403 SSLA_T1	0	0	0	0	0	0	1.85	1.83	0	0	0	0	0	0
8/18/2023 0:28	61102 BERK_T5	0	0	0	0	0	0	-0.4	-0.37	1	1	0	300	300	0
8/18/2023 0:28	40902 JESH_T1	0	0	0	0	0	0	-3.23	-3.2	2	2	0	1200	1200	0
8/18/2023 0:28	56801 BENV_T1	14	23	9	0.34	0.77	0.43	0	0	0	0	0	0	0	0
8/18/2023 0:28	59101 WALK_T2	1	1	0	0	0	0	10.97	9.68	4	4	0	1800	1800	0
8/18/2023 0:28	10801 CHHI_T1	0	0	0	0	0	0	-3.28	-3.29	3	3	0	2100	2100	0
8/18/2023 0:28	49804 UNIV_T1	0	0	0	0	0	0	1.78	1.74	0	0	0	0	0	0
8/18/2023 0:28	25402 LAHA_T2	0	0	0	0	0	0	-1.5	-1.52	0	0	0	0	0	0
8/18/2023 0:28	12701 MACU_T1	0	0	0	0	0	0	-3.98	-4	2	2	0	2400	2400	0
8/18/2023 0:28	44901 SCOT_T2	0	0	0	0	0	0	0.36	0.57	0	0	0	0	0	0
8/18/2023 0:28	44201 POIN_T1	5	0	-5	0.3	0	-0.3	-2.26	-2.21	2	2	0	2100	2100	0
8/18/2023 0:28	42701 AUGU_T1	0	0	0	0	0	0	0	-4	4	4	0	3600	3600	0
8/18/2023 0:28	45003 LIME_2	2	2	0	1.15	1.45	0.3	0	0	0	0	0	0	0	0
8/18/2023 0:29	43402 BENT_T1	0	0	0	0	0	0	-2.94	-1.7	2	1	-1	1500	900	-600
8/18/2023 0:33	56802 BENV_T2	0	1	1	0	0.1	0.1	-2.14	-2.23	0	0	0	0	0	0
8/18/2023 0:39	53501 EVIL_T2	0	1	1	0	0.3	0.3	-2.25	-2.34	2	2	0	1200	1200	0
8/18/2023 1:03	52502 PROG_T2	0	0	0	0	0	0	-0.63	-0.67	1	1	0	900	900	0
8/18/2023 1:12	43402 BENT_T1	0	0	0	0	0	0	-2.95	-2.94	2	2	0	1500	1500	0
8/18/2023 1:29	43402 BENT_T1	0	0	0	0	0	0	-2.94	-1.7	2	1	-1	1500	900	-600
8/18/2023 1:35	60101 COCA_T1	0	0	0	0	0	0	1.01	0.97	0	0	0	0	0	0
8/18/2023 2:12	43402 BENT_T1	0	0	0	0	0	0	-1.74	-2.98	1	2	1	900	1500	600
8/18/2023 2:29	43402 BENT_T1	0	0	0	0	0	0	-2.98	-3.01	2	2	0	1500	1500	0
8/18/2023 3:12	43402 BENT_T1	0	0	0	0	0	0	-1.73	-1.74	1	1	0	900	900	0
8/18/2023 3:29	43402 BENT_T1	0	0	0	0	0	0	-1.74	-1.76	1	1	0	900	900	0
8/18/2023 3:52	43402 BENT_T1	0	0	0	0	0	0	-1.74	-1.73	1	1	0	900	900	0
8/18/2023 8:02	65503 MOJO_T2	0	0	0	0	0	0	-0.91	-0.78	1	1	0	900	900	0
8/18/2023 8:17	58402 MORO_T1	0	0	0	0	0	0	-3.69	-3.69	3	3	0	2400	2400	0
8/18/2023 8:17	65503 MOJO_T2	0	0	0	0	0	0	-0.78	-0.74	1	1	0	900	900	0
8/18/2023 8:20	59101 WALK_T2	1	1	0	0	0	0	2.79	2.88	1	1	0	450	450	0
8/18/2023 8:34	58402 MORO_T1	0	0	0	0	0	0	-3.69	-3.59	3	3	0	2400	2400	0
8/18/2023 8:37	45901 AUBU_T1	0	0	0	0	0	0	3.62	3.56	0	0	0	0	0	0
8/18/2023 8:44	40101 HUNT_T2	0	0	0	0	0	0	-0.43	-0.2	0	0	0	0	0	0
8/18/2023 8:46	54701 NEBL_T1	1	2	1	1.3	0.8	-0.5	0	0	1	1	0	600	600	0
8/18/2023 8:53	53601 DALM_T2	1	1	0	0.4	0.6	0.2	-0.27	-0.4	1	1	0	600	600	0
8/18/2023 9:06	67204 TEHI_T2	0	0	0	0	0	0	-0.57	-0.51	0	0	0	0	0	0
8/18/2023 9:08	59102 WALK_T2	1	1	0	0.1	0.5	0.4	0	0	0	0	0	0	0	0
8/18/2023 9:09	45902 AUBU_T1	0	0	0	0	0	0	-0.66	-0.64	1	1	0	600	600	0
8/18/2023 9:23	56802 BENV_T2	80	8	-72	0.21	0.35	0.14	-2.14	-0.71	0	0	0	0	0	0
8/18/2023 9:34	42002 MNVL_T2	1	1	0	1.4	1.1	-0.3	0	0	0	0	0	0	0	0
8/18/2023 9:45	15001 BLMO_T1	0	1	1	0	0.4	0.4	0	0	0	0	0	0	0	0
8/18/2023 9:47	45003 LIME_2	2	2	0	1.5	1.2	-0.3	0	0	1	1	0	1200	1200	0
8/18/2023 9:48	61202 REIN_T1	38	10	-28	0.34	0.32	-0.02	0	0	1	1	0	900	900	0
8/18/2023 9:48	41901 REED_T1	0	0	0	0	0	0	-3.68	-3.75	1	1	0	900	900	0
8/18/2023 9:54	13704 SCHN_T2	0	0	0	0	0	0	-0.41	-0.29	0	0	0	0	0	0
8/18/2023 9:54	14403 SSLA_T1	6	7	1	5.75	4.44	-1.31	0.99	1.23	1	1	0	600	600	0
8/18/2023 10:00	20401 ASHF_T2	0	0	0	0	0	0	0.21	0.22	1	1	0	600	600	0
8/18/2023 10:00	67604 WARW_T1	0	0	0	0	0	0	0.46	0.48	0	0	0	0	0	0
8/18/2023 10:00	66505 SMAN_T2	0	0	0	0	0	0	1.15	1.37	2	2	0	1500	1500	0
8/18/2023 10:00	52503 PROG_T2	0	0	0	0	0	0	-0.79	-0.7	1	1	0	900	900	0
8/18/2023 10:00	64801 MONE_T2	0	0	0	0	0	0	1.17	1.26	0	0	0	0	0	0
8/18/2023 10:00	12604 MACA_T1	0	0	0	0	0	0	1.24	1.24	0	0	0	0	0	0
8/18/2023 10:00	56601 HAMP_T1	0	0	0	0	0	0	-0.25	-0.27	0	0	0	0	0	0
8/18/2023 10:05	14403 SSLA_T1	6	7	1	5.45	4.44	-1.01	1.23	1.16	1	1	0	600	600	0
8/18/2023 10:07	43301 WATS_T2	1	1	0	0.9	0.8	-0.1	0	0	0	0	0	0	0	0
8/18/2023 10:08	44502 HAMI_T2	1	1	0	2	1.9	-0.1	-1.2	-1.26	0	0	0	0	0	0
8/18/2023 10:10	45901 AUBU_T1	0	0	0	0	0	0	3.43	3.56	0	0	0	0	0	0
8/18/2023 10:11	28403 HART_T2	0	0	0	0	0	0	-1.2	-1.18	1	1	0	900	900	0
8/18/2023 10:17	43202 MVIL_T2	0	0	0	0	0	0	-1.08	-1.05	0	0	0	0	0	0
8/18/2023 10:21	59101 WALK_T2	1	1	0	0	0	0	2.99	3.45	1	1	0	450	450	0
8/18/2023 10:21	66505 SMAN_T2	0	0	0	0	0	0	0.99	0.94	3	3	0	1700	1700	0
8/18/2023 10:22	28604 BLYT_T2	0	0	0	0	0	0	-2.16	-2.15	0	0	0	0	0	0
8/18/2023 10:22	56

8/18/2023 11:55	29402 BELT_T1	7	6	-1	0.4	0.3	-0.1	0	0	0	0	0	0	0
8/18/2023 11:57	47401 PENS_T1	0	2	2	0	0.35	0.35	0.22	0.45	0	0	0	0	0
8/18/2023 12:02	52403 GRPA_T2	3	2	-1	0.4	0.2	-0.2	-0.25	-0.26	0	0	0	0	0
8/18/2023 12:09	59101 WALK_T2	1	2	1	0	0.6	0.6	1.1	1.2	1	1	0	450	450
8/18/2023 12:10	60101 COCA_T1	0	1	1	0	0.7	0.7	0.83	0.84	0	0	0	0	0
8/18/2023 12:12	15001 BLMO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
8/18/2023 12:25	45902 AUBU_T1	0	0	0	0	0	0	-0.31	-0.29	1	1	0	600	600
8/18/2023 12:40	29402 BELT_T1	4	23	19	0.23	0.2	-0.03	0	0	0	0	0	0	0
8/18/2023 12:42	11104 EGYP_T1	5	5	0	1.7	1.56	-0.14	1.1	1.09	0	0	0	0	0
8/18/2023 12:49	56802 BENV_T2	1	1	0	0.4	0.6	0.2	-0.86	-0.91	0	0	0	0	0
8/18/2023 12:56	20403 ASHF_T2	1	3	2	5.3	0.25	-5.05	0.99	0.82	0	0	0	0	0
8/18/2023 13:05	15603 NSTR_T2	0	0	0	0	0	0	-0.4	-0.4	0	0	0	0	0
8/18/2023 13:12	15001 BLMO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
8/18/2023 13:13	41801 GOCI_T2	2	0	-2	0.15	0	-0.15	0	0	0	0	0	0	0
8/18/2023 13:23	48302 ORWI_T2	2	2	0	0.55	0.55	0	0.14	0.12	0	0	0	0	0
8/18/2023 13:45	56802 BENV_T2	1	1	0	0.2	0.2	0	-0.9	-0.91	0	0	0	0	0
8/18/2023 13:47	53501 EVIL_T2	1	1	0	0.6	0.4	-0.2	-1.48	-1.65	3	3	0	2100	2100
8/18/2023 14:05	44203 POIN_T2	5	5	0	1.86	0	-1.86	0.32	0.38	2	2	0	2100	2100
8/18/2023 14:12	11104 EGYP_T1	5	5	0	1.06	0.7	-0.36	1.11	1.14	0	0	0	0	0
8/18/2023 14:21	42201 SHEN_T2	2	1	-1	1	0.2	-0.8	0.28	0.28	1	1	0	600	600
8/18/2023 14:22	56802 BENV_T2	1	1	0	0.2	0.1	-0.1	-0.89	-0.9	0	0	0	0	0
8/18/2023 14:25	29402 BELT_T1	5	5	0	0.38	0.28	-0.1	0	0	0	0	0	0	0
8/18/2023 14:26	64305 LINC_T1	1	1	0	0.4	0.3	-0.1	0	0	0	0	0	0	0
8/18/2023 14:27	61303 EARL_T1	0	0	0	0	0	0	0.88	0.64	0	0	0	0	0
8/18/2023 14:27	62105 ELAN_T1	12	2	-10	0.25	0.2	-0.05	1.03	1.05	0	0	0	0	0
8/18/2023 14:31	52403 GRPA_T2	0	0	0	0	0	0	-0.18	-0.12	0	0	0	0	0
8/18/2023 14:36	52502 PROG_T2	1	1	0	0.1	0.1	0	-0.02	-0.01	1	1	0	900	900
8/18/2023 14:42	64305 LINC_T1	1	1	0	0.3	0.1	-0.2	0	0	0	0	0	0	0
8/18/2023 14:43	61301 EARL_T1	0	0	0	0	0	0	-1.18	-0.22	2	1	-1	1800	900
8/18/2023 14:43	46602 LACR_T1	0	0	0	0	0	0	-0.21	-0.18	0	0	0	0	0
8/18/2023 14:48	59402 RFLD_T2	1	1	0	0.4	0	-0.4	-1.02	-1.01	1	1	0	450	450
8/18/2023 14:50	64101 REFR_T1	0	0	0	0	0	0	0.43	0.44	0	0	0	0	0
8/18/2023 14:53	60701 BREC_T1	0	0	0	0	0	0	-0.13	0.54	2	1	-1	1200	600
8/18/2023 14:56	56802 BENV_T2	0	0	0	0	0	0	-0.89	-0.85	0	0	0	0	0
8/18/2023 14:57	61202 REIN_T1	42	12	-30	0.42	0.39	-0.03	0	0	0	0	0	0	0
8/18/2023 15:03	64101 REFR_T1	0	0	0	0	0	0	0.43	0.44	0	0	0	0	0
8/18/2023 15:03	56501 ROCK_T2	1	1	0	0.6	0.3	-0.3	-0.87	-0.87	0	0	0	0	0
8/18/2023 15:05	66504 SMAN_T2	0	0	0	0	0	0	-1.27	-1.12	2	2	0	2400	2400
8/18/2023 15:07	55101 WERT_T1	0	2	2	0	0.1	0.1	-1.42	-1.36	4	4	0	3300	3300
8/18/2023 15:09	56802 BENV_T2	0	0	0	0	0	0	-0.85	-0.88	0	0	0	0	0
8/18/2023 15:11	44801 EDAN_T2	1	1	0	0.9	0.7	-0.2	0	0	0	0	0	0	0
8/18/2023 15:12	53901 HALI_T2	3	1	-2	0.3	0.3	0	0	0	0	0	0	0	0
8/18/2023 15:19	56501 ROCK_T2	1	0	-1	0.3	0	-0.3	0	0	0	0	0	0	0
8/18/2023 15:23	55101 WERT_T1	2	5	3	0.1	0.15	0.05	-1.36	-1.34	4	4	0	3300	3300
8/18/2023 15:37	42201 SHEN_T2	1	0	-1	0.3	0	-0.3	0.34	0.31	1	1	0	600	600
8/18/2023 15:39	40901 JESH_T1	1	1	0	0.7	0.8	0.1	0	0	0	0	0	0	0
8/18/2023 15:40	55101 WERT_T1	2	5	3	0.4	0	-0.4	-1.34	-1.62	4	4	0	3300	3300
8/18/2023 15:46	47901 HRDG_T1	0	0	0	0	0	0	0.72	0.95	1	1	0	1200	1200
8/18/2023 15:47	12202 FOGE_T2	2	2	0	2.05	1.4	-0.65	0	0	0	0	0	0	0
8/18/2023 16:24	61202 REIN_T1	5	10	5	0.5	0.39	-0.11	0	0	0	0	0	0	0
8/18/2023 20:22	28602 BLYT_T2	2	1	-1	0.35	0.4	0.05	0	0	0	0	0	0	0
8/18/2023 21:41	47401 PENS_T1	0	0	0	0	0	0	1.07	1.13	0	0	0	0	0
8/18/2023 22:02	64101 REFR_T1	0	0	0	0	0	0	0.15	0.14	0	0	0	0	0
8/18/2023 22:05	56501 ROCK_T2	0	0	0	0	0	0	-0.03	-0.05	0	0	0	0	0
8/18/2023 22:07	52404 GRPA_T2	1	1	0	1.3	0.4	-0.9	0	0	0	0	0	0	0
8/18/2023 22:25	20403 ASHF_T2	1	0	-1	0.9	0	-0.9	0	0	0	0	0	0	0
8/19/2023 0:28	15001 BLMO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
8/19/2023 0:28	45802 HEGI_T2	0	0	0	0	0	0	0.63	0.66	1	1	0	300	300
8/19/2023 0:28	66505 SMAN_T2	0	2	2	0	0.15	0.15	-0.14	-0.15	2	2	0	1800	1800
8/19/2023 0:28	55101 WERT_T1	0	9	9	0	0	0	-5.16	-5.25	9	9	0	7200	7200
8/19/2023 0:28	52403 GRPA_T2	0	0	0	0	0	0	0.01	0.01	0	0	0	0	0
8/19/2023 0:28	25404 LAHA_T2	8	265	257	0.1	0.14	0.04	0	0	0	0	0	0	0
8/19/2023 0:28	49804 UNIV_T1	0	1	1	0	0.2	0.2	0.49	0.53	0	0	0	0	0
8/19/2023 0:28	61301 EARL_T1	0	0	0	0	0	0	0.18	0.18	0	0	0	0	0
8/19/2023 0:28	47901 HRDG_T1	0	0	0	0	0	0	0.63	0.64	1	1	0	1200	1200
8/19/2023 0:28	11104 EGYP_T1	0	0	0	0	0	0	1.07	1.01	0	0	0	0	0
8/19/2023 0:28	42902 MIDD_T2	243	311	68	0.54	0.68	0.14	-0.36	-0.36	0	0	0	0	0
8/19/2023 0:28	53901 HALI_T2	2	2	0	0.15	0.35	0.2	0	0	0	0	0	0	0
8/19/2023 0:28	17803 GILB_T2	1	6	5	0.2	0.18	-0.02	0	0	0	0	0	0	0
8/19/2023 0:28	52403 GRPA_T2	0	0	0	0	0	0	0.01	0.01	0	0	0	0	0
8/19/2023 0:28	40902 JESH_T1	0	0	0	0	0	0	-1.57	-1.51	0	0	0	0	0
8/19/2023 0:28	44301 BEAV_T2	13	11	-2	0.52	0.74	0.22	0.19	0.17	0	0	0	0	0
8/19/2023 0:28	29401 BELT_T1	0	0	0	0	0	0	0	0	1	1	0	900	900
8/19/2023 0:28	12202 FOGE_T2	0	2	2	0	0.15	0.15	0	0	0	0	0	0	0
8/19/2023 0:28	64301 LINC_T1	0	0	0	0	0	0	0.22	0.17	0	0	0	0	0
8/19/2023 0:28	29401 BELT_T1	0	0	0	0	0	0	0	0	1	1	0	900	900
8/19/2023 0:28	44505 HAMI_T2	0	0	0	0	0	0	-0.01	-0.01	0	0	0	0	0
8/19/2023 0:28	59302 MCAL_T1	1	1	0	0.5	1	0.5	0	0	0	0	0	0	0
8/19/2023 0:28	64301 LINC_T1	0	0	0	0	0	0	0.22	0.17	0	0	0	0	0
8/19/2023 0:28	56802 BENV_T2	1	1	0	0.4	0.9	0.5	-6.54	-6.56	0	0	0	0	0
8/19/2023 0:28	63403 HONT_T2	0	0	0	0	0	0	0.24	0.22	0	0	0	0	0
8/19/2023 0:28	60801 BUCK_T1	519	610	91	1.11	1.31	0.2	0	0	0	0	0	0	0
8/19/2023 0:28	43304 WATS_T2	0	0	0	0	0	0	-0.66	-0.66	0	0	0	0	0
8/19/2023 0:28	59101 WALK_T2	1	3	2	0	0	0	2.79	2.24	0	0	0	0	0
8/19/2023 0:28	47401 PENS_T1	0	0	0	0	0	0	2.8	2.61	0	0	0	0	0
8/19/2023 0:28	45902 AUBU_T1	0	0	0	0	0	0	-0.42	-0.29	0	0	0	0	0
8/19/2023 0:28	56803 BENV_T1	0	0	0	0	0	0	0.3	0.32	0	0	0	0	0
8/19/2023 0:28	44505 HAMI_T2	0	0	0	0	0	0	-0.01	-0.01	0	0	0	0	0
8/19/2023 0:28	44802 EDAN_T2	0	0	0	0	0	0	-5.14	-5.09	2	2	0	2400	2400
8/19/2023 0:28	17805 GILB_T2	0	0	0	0	0	0	0.15	0.14	0	0	0	0	0
8/19/2023 0:28	45702 LIND_T2	1	1	0	0.7	0.9	0.2	-0.44	-0.42	0	0	0	0	0
8/19/2023 0:28	56501 ROCK_T2	2	3	1	0.45	0.5	0.05	0	0	0	0	0	0	0
8/19/2023 0:28	53502 EVIL_T2	1	1	0	0.3	0.5	0.2	0	0	0	0	0	0	0
8/19/2023 0:28	61303 EARL_T1	0	0	0	0	0	0	0.01	-0.01	0	0	0	0	0
8/19/2023 0:28	10805 CHHI_T2	1	1	0	8.1	7.8	-0.3	-2.3	-2.36	2	2	0	1200	1200
8/19/2023 0:28	43202 MVIL_T2	0	0	0	0	0	0	-0.71	-0.72	0	0	0	0	0
8/19/2023 0:28	45902 AUBU_T1	0	0	0	0	0	0	-0.42	-0.29	0	0	0	0	0
8/19/2023 0:28	12701 MACU_T1	0	0	0	0	0	0	0.07	0.07	0	0	0	0	0
8/19/2023 0:28	67502 WEWI_T2	0	0	0	0	0	0	-1.42	-1.47	1	1	0	900	900
8/19/2023 0:28	66504 SMAN_T2	0	0	0	0	0	0	-0.57	-0.65	0	0	0	0	0
8/19/2023 0:28	44203 POIN_T2	0	0	0	0	0	0	0.15	0.22	1	1	0	900	900
8/19/2023 0:28	67503 WEWI_T2	0	0	0	0	0	0	-0.26	-0.28	0	0	0	0	0
8/19/2023 0:28	52502 PROG_T2	0	0	0	0	0	0	-0.58	-0.6	1	1	0	900	900
8/19/2023 0:28	28403 HART_T2	0	0	0	0	0	0	-1.19	-1.23	2	2	0	1800	1800
8/19/2023 0:28	61801 EELI_T2	2	2	0	0.15	0.75	0.6	-0.79	-0.79	1	1	0	600	600
8/19/2023 0:28	46602 LACR_T1	0	0	0	0	0	0	-0.89	-0.93	0	0	0	0	0
8/19/2023 0:28	60101 COCA_T1	0	0	0	0	0	0	0.26	0.27	0	0	0	0	0
8/19/2023 0:28	16402 MOPO_T1	1	0	-1	0.1	0	-0.1	0.63	0.63	0	0	0	0	0
8/19/2023 0:28	14403 SSLA_T1	0	0	0	0	0	0	0.72	0.72	0	0	0	0	0
8/19/2023 0:28	15603 NSTR_T2	0	0	0	0	0	0	-0.54	-0.55	0	0	0	0	0
8/19/2023 0:28	42201 SHEN_T2	0	0	0	0	0	0	1.28	1.27	0	0	0	0	0
8/19/2023 0:28	59402 RFLD_T2	5	21	16	0.14	0.25	0.11	-1.23	-1.24	1	1	0	450	450
8/19/2023 0:28	42701 AUGU_T1	9	12	3	0.26	0.24	-0.02	0	0	6	6	0	5400	5400
8/19/2023 0:28	46302 ROHR_T1	3	3	0	1.13	1.23	0.1	0.15	0.14	0	0	0	0	0
8/19/2023 0:28	60701 BREC_T1	0	0	0	0	0	0	0.12	0.11	0	0	0	0	0
8/19/2023 0:28	64101 REFR_T1	0	0	0	0	0	0	0.22	0.21	0	0	0	0	0
8/19/2023 0:28	48302 ORWI_T2	2	2	0	0.95	0.6	-0.35	-0.3	-0.28	0	0	0	0	0
8/19/2023 0:28	40101 HUNT_T2	38	137	99	0.35	0.41	0.06	-0.79	-0.78	0	0	0	0	0
8/19/2023 2:47	61202 REIN_T1	61	61	0	1.52	1.78	0.26	0	0	0	0	0	0	0
8/19/2023 5:05	61202 REIN_T1	61	61	0	1.69	1.72	0.03	0	0	0	0	0	0	0
8/19/2023 6:30	61202 REIN_T1	59	60	1	1.07	1.18	0.11	0	0	0	0	0	0	0
8/19/2023 8:11	29402 BELT_T1	143	195	52	0.84	0.77	-0.07	0	0	0	0	0	0	0
8/19/2023 8:20	44901 SCOT_T2	0	0	0	0	0	0	0.05	0.1	0	0	0	0	0
8/19/2023 8:22	59101 WALK_T2	1	1	0	0	0	0	1.44	1.5	0	0	0	0	0
8/19/2023 8:26	44302 BEAV_T2	153	322	169	0.32	0.49	0.17	0.31	0.32	0	0	0	0	0
8/19/2023 8:35	61202 REIN_T1	47	54	7	0.36	0.38	0.02	0	0	0	0	0	0	0
8/19/2023 8:42	40101 HUNT_T2	0	0	0	0	0	0	-0.66	-0.64	0	0	0	0	0
8/19/2023 8:53	44302 BEAV_T2	315	313	-2	0.48	0.44	-0.04	0.32	0.33	0	0	0	0	0
8/19/2023 9:07	59101 WALK_T2	1	1	0	0	0	0	0.81	0.82	1	1	0	450	450
8/19/2023 9:09	45901 AUBU_T1	0	0	0	0	0	0	0.98	0.97	0	0	0	0	0
8/19/2023 9:10	61202 REIN_T1	50	32	-18	0.36	0.27	-0.09	0	0	0	0	0	0	0
8/19/2023 9:25	29401 BELT_T1	0	1	1	0	0.1	0.1	0	0	0	0	0	0	0
8/19/2023 9:32	43202 MVIL_T2	0	0	0	0	0	0	-0.64	-0.63	0	0	0	0	0
8/19/2023 9:45	61202 REIN_T1	58	60	2	0.52	1.17	0.65	0	0	0	0	0	0	0
8/19/2023 9:47	61202 REIN_T1	58	60	2	0.52	1.17	0.65	0	0	0	0	0	0	0
8/19/2023 9:48	41901 REED_T1	0	0	0	0	0	0	-1.99	-1.96	1	1	0	900	900
8/19/2023 9:48	45003 LIME_2	2	2	0	1.5	1.25	-0.25	0	0	0	0	0	0	0
8/19/2023 9:51	66701 STRA_T1	1	1	0	0.5	1.1	0.6	0	0	0	0	0	0	0
8/19/2023 9:51	42201 SHEN_T2	0	0	0	0	0	0	0.77	0.77	0	0	0	0	0
8/19/2023 9:54	20403 ASHF_T2	0	1	1	0	0.2	0.2	0.26	0.47	0	0	0	0	0
8/19/2023 9:55	15001 BLMO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
8/19/2023 10:00	20401 ASHF_T2	0	0	0	0	0	0	-0.15	-0.08	1	1	0	600	600
8/19/2023 10:00	12701 MACU_T1	0	0	0	0	0	0	0.26	0.24	0	0	0	0	0
8/19/2023 10:00	67605 WARW_T1	23	20	-3	0.72	0.85	0.13	0	0	0	0	0	0	0
8/19/2023 10:00	64801 MONE_T2	0	0	0	0	0	0	0.36	0.4	0	0	0	0	0
8/19/2023 10:00	52503 PROG_T2	0	0	0	0	0	0	-0.56	-0.54	1	1	0	900	900
8/19/2023 10:00	56601 HAMP_T1	0	0	0	0	0	0	-0.03	-0.02	0	0	0	0	0
8/19/2023 10:00	12604 MACA_T1	0	0	0	0	0	0	0.41	0.42	0	0	0	0	0
8/19/2023 10:01	42201 SHEN_T2	0	0	0	0	0	0	0.77	0.77	0	0	0	0	0
8/19/2023 10:06	44302 BEAV_T2	169	122	-47	0.39	0.39	0	0.34	0.32	0	0	0	0	0
8/19/2023 10:09	56803 BENV_T1	1	0	-1	1.7	0	-1.7	0.3	0.35	0	0	0	0	0
8/19/2023 10:10	56802 BENV_T2	1	3	2	0.2	0.43	0.23	-1.22	-1.26	0	0	0	0	0
8/19/2023 10:11	28403 HART_T2	0	0	0	0	0	0	-0.49	-0.49	1	1	0	900	900
8/19/2023 10:11	17804 GILB_T2	1	1	0	1	1.3	0.3	-0.46	-0.46	0	0	0	0	0
8/19/2023 10:13	63601 LETO_T1	0	0	0	0	0	0	1.05	1.04	2	2	0	1500	1500
8/19/2023 10:14	45802 HEGI_T2	0	0	0	0	0	0	0.72	0.59	1	1	0	300	300
8/19/2023 10:17	64301 LINC_T1	0	0	0	0	0	0	0.35	0.34	0	0	0	0	0
8/19/2023 10:20	65603 CJVIL_T2	75	13	-62	0.28	0.73	0.45	0	0	0	0	0	0	0
8/19/2023 10:21	59101 WALK_T2	1	1	0	0	0	0	1.22	1.09	1	1	0	450	450
8/19/2023 10:21	66505 SMAN_T2	0	0	0	0	0	0	0.23	0.55	2	2	0	1500	1100
8/19/2023 10:22	28604 BLYT_T2	0	0	0	0	0	0	-1.22	-1.2	0	0	0	0	0
8/19/2023 10:23	56802 BENV_T2	1	3	2	0.5	0.5	0	-1.26	-1.19	0	0	0	0	0
8/19/2023 10:23	15001 BLMO_T1	0	1	1	0	0.2	0.2	0	0	0	0	0	0	0
8/19/2023 10:24	29401 BELT_T1	0	1	1	0	0.1	0.1	0	0	0	0	0	0	0
8/19/2023 10:24	67502 WEWI_T2	1	1	0	0.2	0.5	0.3	-1.28	-1.24	1	1	0	900	900
8/19/2023 10:26	61303 EARL_T1	0	0	0	0	0	0	0.18	0.24	0	0	0	0	0
8/19/2023 10:31	54701 NEBL_T1	0	0	0	0	0	0	0	0	1	1	0	600	600
8/19/2023 10:33	66505 SMAN_T2	0	0	0	0	0	0	0.23	0.55	2	2	0	1500	1100
8/19/2023 10:35	59402 RFLD_T2	3	3	0	0.33	0.37	0.04	-1.14	-1.13	1	1	0	450	450
8/19/2023 10:37	67503 WEWI_T2	0	0	0	0	0	0	-0.01	0.01	0	0	0	0	0
8/19/2023 10:37	16302 ALPA_T2	0	0	0	0	0	0	-0.53	-0.47	0	0	0	0	0
8/19/2023 10:38	15001 BLMO_T1	0	2	2	0	0.2	0.2	0	0	0	0	0	0	0
8/19/2023 10:41	56802 BENV_T2	3	7	4	0.43	0.37	-0.06	-1.19	-1.2	0	0	0	0	0
8/19/2023 10:42	61303 EARL_T1	0	0	0	0	0	0	0.24	0.27	0	0	0	0	0
8/19/2023 10:43	61801 EELI_T2	0	0	0	0	0	0	-0.64	-0.64	1	1	0	600	600
8/19/2023 10:44	52401 GRPA_T2	1	1	0	0.2	0.5	0.3	0	0	0	0	0	0	0
8/19/2023 10:45	17804 GILB_T2	1	2	1	0.2	0.4	0.2	0	0	0	0	0	0	0
8/19/2023 10:46	42902 MIDD_T2	32	102	70	0.28	0.31	0.03	-0.46	-0.46	0	0	0	0	0
8/19/2023 10:51	16301 ALPA_T1	0	0	0	0	0	0	-1.36	-1.35	0	0	0	0	0
8/19/2023 10:51	29402 BELT_T1	62	82	20	0.43	0.51	0.08	0	0	0	0	0	0	0
8/19/2023 10:52	56803 BENV_T1	0	0	0	0	0	0	0.36	0.35	0	0	0	0	0
8/19/2023 10:52	10602 BLGL_T2	0	0	0	0	0	0	0.3	0.34	0	0	0	0	0
8/19/2023 10:54	16302 ALPA_T2	0	0	0	0	0	0	-0.47	-0.5	0	0	0	0	0
8/19/2023 10:55	43001 ALWD_T1	0	1	1	0	0.1	0.1	0	0	0	0	0	0	0
8/19/2023 10:55	56802 BENV_T2	3	8	5	0.4	0.34	-0.06	-1.2	-1.19	0	0	0	0	0
8/19/2023 10:57	60803 BUCK_T1	42	54	12	0.35	0.29	-0.06	-0.65	-0.63	1	1	0	600	600
8/19/2023 10:58	28403 HART_T2	0

8/19/2023 13:40	56801 BENV_T1	4	5	1	0.43	0.38	-0.05	-0.49	-0.46	1	1	0	600	600	0
8/19/2023 13:57	11101 EGYP_T1	1	0	-1	0.1	0	-0.1	0	0	0	0	0	0	0	0
8/19/2023 14:00	61202 REIN_T1	44	53	9	0.33	0.43	0.1	0	0	0	0	0	0	0	0
8/19/2023 14:24	60101 COCA_T1	2	2	0	0.55	0.75	0.2	0.57	0.62	0	0	0	0	0	0
8/19/2023 14:28	29402 BELT_T1	18	17	-1	0.29	0.25	-0.04	0	0	0	0	0	0	0	0
8/19/2023 14:36	64101 REFR_T1	0	0	0	0	0	0	0.33	0.43	0	0	0	0	0	0
8/19/2023 14:40	62607 ENGL_T1	1	1	0	2.5	2.8	0.3	0	0	0	0	0	0	0	0
8/19/2023 14:42	60101 COCA_T1	2	2	0	0.55	0.75	0.2	0.62	0.59	0	0	0	0	0	0
8/19/2023 14:47	59301 MCAL_T1	2	2	0	0.1	0.65	0.55	-1.12	-1.78	0	1	1	0	600	600
8/19/2023 14:50	44203 POIN_T2	2	7	5	0.45	1.43	0.98	0.63	0.47	1	1	0	900	900	0
8/19/2023 14:51	43304 WATS_T2	2	2	0	1.9	1.15	-0.75	0.39	0.4	0	0	0	0	0	0
8/19/2023 14:52	45602 WOOL_T1	0	0	0	0	0	0	0.74	0.78	0	0	0	0	0	0
8/19/2023 14:59	56501 ROCK_T2	1	1	0	0.3	0	-0.3	0	0	0	0	0	0	0	0
8/19/2023 15:08	65901 SAKR_T2	0	0	0	0	0	0	-1.12	-1.25	2	2	0	1500	1500	0
8/19/2023 15:10	11101 EGYP_T1	1	1	0	1	0.2	-0.8	0	0	0	0	0	0	0	0
8/19/2023 15:10	41602 CLEV_T1	1	1	0	1	0	-1	0	0	1	1	0	600	600	0
8/19/2023 15:15	61202 REIN_T1	62	57	-5	0.9	0.55	-0.35	0	0	0	0	0	0	0	0
8/19/2023 15:18	54001 SDLE_T1	1	1	0	0.2	0.7	0.5	0	0	1	1	0	600	600	0
8/19/2023 15:33	44203 POIN_T2	5	5	0	0.76	0	-0.76	0.6	0.66	1	1	0	900	900	0
8/19/2023 15:37	66504 SMAN_T2	0	1	1	0	0	0	-1.76	-1.7	2	2	0	2400	2400	0
8/19/2023 15:40	45902 AUBU_T1	0	0	0	0	0	0	-0.8	-0.78	1	1	0	600	600	0
8/19/2023 15:44	56501 ROCK_T2	0	1	1	0	1.3	1.3	-1.02	-0.99	0	0	0	0	0	0
8/19/2023 15:46	56504 ROCK_T2	5	0	-5	0.42	0	-0.42	0.27	0.3	0	0	0	0	0	0
8/19/2023 15:57	63402 HONY_T2	1	0	-1	0.3	0	-0.3	0	0	0	0	0	0	0	0
8/19/2023 15:58	53501 EVIL_T2	0	0	0	0	0	0	-0.27	-0.26	0	0	0	0	0	0
8/19/2023 16:06	43304 WATS_T2	0	0	0	0	0	0	-0.77	-0.76	0	0	0	0	0	0
8/19/2023 16:14	52401 GRPA_T2	1	5	4	0.3	0	-0.3	-0.25	-0.3	0	0	0	0	0	0
8/19/2023 16:17	45902 AUBU_T1	0	0	0	0	0	0	-0.73	-0.78	1	1	0	600	600	0
8/19/2023 16:24	29401 BELT_T1	0	0	0	0	0	0	0	0	1	1	0	900	900	0
8/19/2023 16:34	62604 ENGL_T1	0	0	0	0	0	0	-1.11	-1.11	1	1	0	600	600	0
8/19/2023 16:42	52403 GRPA_T2	4	2	-2	0.55	0	-0.55	-0.48	-0.47	0	0	0	0	0	0
8/19/2023 17:30	61202 REIN_T1	4	6	2	0.3	0.4	0.1	0	0	0	0	0	0	0	0
8/19/2023 20:11	44301 BEAV_T2	5	4	-1	0.36	0.63	0.27	0	0	0	0	0	0	0	0
8/19/2023 20:13	56802 BENV_T2	0	0	0	0	0	0	-1.21	-1.22	0	0	0	0	0	0
8/19/2023 20:14	17804 GILB_T2	0	0	0	0	0	0	-0.46	-0.44	0	0	0	0	0	0
8/19/2023 20:17	64301 LINC_T1	0	0	0	0	0	0	-0.08	-0.13	1	1	0	600	600	0
8/19/2023 20:19	65601 QVIL_T2	22	27	5	0.16	0.16	0	0	0	0	0	0	0	0	0
8/19/2023 20:23	28602 BLYT_T2	0	1	1	0	0.2	0.2	0	0	0	0	0	0	0	0
8/19/2023 20:23	67502 WEWI_T2	0	0	0	0	0	0	-1.29	-1.29	1	1	0	900	900	0
8/19/2023 20:36	16302 ALPA_T2	0	0	0	0	0	0	-0.51	-0.54	0	0	0	0	0	0
8/19/2023 20:45	56802 BENV_T2	0	0	0	0	0	0	-1.21	-1.22	0	0	0	0	0	0
8/19/2023 20:54	43001 ALWD_T1	0	1	1	0	0	0	0	0	0	0	0	0	0	0
8/19/2023 20:55	29402 BELT_T1	67	86	19	0.45	0.47	0.02	0	0	0	0	0	0	0	0
8/19/2023 21:02	65604 QVIL_T2	3	4	1	0.43	0.48	0.05	0.5	0.53	0	0	0	0	0	0
8/19/2023 21:21	60501 NMAN_T2	3	3	0	4.67	5.1	0.43	0	0	0	0	0	0	0	0
8/19/2023 21:23	56801 BENV_T1	23	23	0	1.2	1.24	0.04	-0.58	-0.6	1	1	0	600	600	0
8/19/2023 21:33	45001 LIME_2	2	2	0	0.1	0.1	0	0	0	0	0	0	0	0	0
8/19/2023 21:56	41801 GOCI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8/19/2023 22:00	64101 REFR_T1	0	0	0	0	0	0	0.16	0.17	0	0	0	0	0	0
8/19/2023 22:00	29401 BELT_T1	0	0	0	0	0	0	0	0	1	1	0	900	900	0
8/19/2023 22:02	45901 AUBU_T1	6	7	1	0.12	0.14	0.02	0	0	0	0	0	0	0	0
8/19/2023 22:07	62604 ENGL_T1	0	0	0	0	0	0	-0.83	-0.73	0	0	0	0	0	0
8/19/2023 22:07	52401 GRPA_T2	1	1	0	0.7	0.8	0.1	-0.48	-0.51	0	0	0	0	0	0
8/19/2023 22:10	56501 ROCK_T2	3	10	7	0.17	0.2	0.03	-1.38	-1.44	0	0	0	0	0	0
8/20/2023 0:28	56504 ROCK_T2	0	0	0	0	0	0	-0.47	-0.65	0	0	0	0	0	0
8/20/2023 0:28	61801 EELI_T2	1	0	-1	0.1	0	-0.1	-0.17	-0.24	0	0	0	0	0	0
8/20/2023 0:28	17805 GILB_T2	0	0	0	0	0	0	0.14	0.12	0	0	0	0	0	0
8/20/2023 0:28	52004 LING_T2	1	1	0	0.2	0	-0.2	0.16	0.12	0	0	0	0	0	0
8/20/2023 0:28	53502 EVIL_T2	1	1	0	0.6	0.4	-0.2	0	0	0	0	0	0	0	0
8/20/2023 0:28	40902 JESH_T1	0	0	0	1	0	0	-0.79	-0.85	0	0	0	0	0	0
8/20/2023 0:28	60801 BUCK_T1	36	169	133	0.24	0.49	0.25	0	0	0	0	0	0	0	0
8/20/2023 0:28	56801 BENV_T1	24	31	7	0.83	0.96	0.13	-3.15	-3.19	4	4	0	2400	2400	0
8/20/2023 0:28	63402 HONY_T2	1	1	0	0.9	1.3	0.4	0	0	0	0	0	0	0	0
8/20/2023 0:28	59101 WALK_T2	1	1	0	0	0	0	1.33	1.16	0	0	0	0	0	0
8/20/2023 0:28	41602 CLEV_T1	0	0	0	0	0	0	0	0	0	1	1	0	600	600
8/20/2023 0:28	54701 NEBL_T1	1	1	0	0.5	1.1	0.6	0	0	1	1	0	600	600	0
8/20/2023 0:28	62604 ENGL_T1	0	0	0	0	0	0	-1.45	-1.51	1	1	0	600	600	0
8/20/2023 0:28	42902 MIDD_T2	252	328	76	0.55	0.71	0.16	-0.6	-0.6	0	0	0	0	0	0
8/20/2023 0:28	11104 EGYP_T1	0	0	0	0	0	0	1.04	0.98	0	0	0	0	0	0
8/20/2023 0:28	28403 HART_T2	0	0	0	0	0	0	-1.39	-1.44	2	2	0	1800	1800	0
8/20/2023 0:28	45902 AUBU_T1	11	0	-11	0.17	0	-0.17	-0.71	-0.72	0	0	0	0	0	0
8/20/2023 0:28	45003 LIME_2	2	2	0	2.7	2.95	0.25	0	0	0	0	0	0	0	0
8/20/2023 0:28	44904 SCOT_T1	0	0	0	0	0	0	-0.17	-0.18	0	0	0	0	0	0
8/20/2023 0:28	65901 SAKR_T2	0	0	0	0	0	0	-1.25	-1.29	1	1	0	900	900	0
8/20/2023 0:28	44203 POIN_T2	0	0	0	0	0	0	-0.3	-0.4	2	2	0	1800	1800	0
8/20/2023 0:28	12701 MACU_T1	1	1	0	3.1	2.1	-1	0.09	0.09	0	0	0	0	0	0
8/20/2023 0:28	48302 ORWI_T2	2	2	0	1.15	0.65	-0.5	-0.25	-0.33	0	0	0	0	0	0
8/20/2023 0:28	52402 GRPA_T2	2	5	3	1.65	1.02	-0.63	0	0	0	0	0	0	0	0
8/20/2023 0:28	67503 WEWI_T2	0	0	0	0	0	0	-0.3	-0.22	0	0	0	0	0	0
8/20/2023 0:28	15601 NSTR_T2	3	3	0	0.23	0.53	0.3	0	0	0	0	0	0	0	0
8/20/2023 0:28	54001 SDLE_T1	1	1	0	0.2	0.7	0.5	0	0	0	1	1	0	600	600
8/20/2023 0:28	29402 BELT_T1	48	93	45	0.52	0.53	0.01	0	0	0	0	0	0	0	0
8/20/2023 0:28	59302 MCAL_T1	1	1	0	0.8	1.2	0.4	0	0	0	0	0	0	0	0
8/20/2023 0:28	45602 WOOL_T1	1	2	1	0.1	0.3	0.2	0.5	0.49	0	0	0	0	0	0
8/20/2023 0:28	15001 BLMO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8/20/2023 0:28	43301 WATS_T2	1	1	0	0.5	0.6	0.1	0	0	0	0	0	0	0	0
8/20/2023 0:28	66504 SMAN_T2	0	0	0	0	0	0	-0.75	-0.79	0	0	0	0	0	0
8/20/2023 0:28	56801 BENV_T1	24	31	7	0.83	0.96	0.13	-3.15	-3.19	4	4	0	2400	2400	0
8/20/2023 0:28	45802 HEGI_T2	0	0	0	0	0	0	0.45	0.42	0	0	0	0	0	0
8/20/2023 0:28	66505 SMAN_T2	3	3	0	0.5	0.13	-0.37	0.11	-0.18	2	2	0	1800	1800	0
8/20/2023 0:28	16402 MOPO_T1	0	0	0	0	0	0	0.54	0.52	0	0	0	0	0	0
8/20/2023 0:28	60101 COCA_T1	0	0	0	0	0	0	0.88	0.79	0	0	0	0	0	0
8/20/2023 0:28	10805 CHHI_T2	1	1	0	7.8	7.6	-0.2	-2.34	-2.42	2	2	0	1200	1200	0
8/20/2023 0:28	58402 MONO_T1	0	0	0	0	0	0	-2.81	-2.72	4	4	0	3000	3000	0
8/20/2023 0:28	56802 BENV_T2	1	1	0	0.2	0.7	0.5	-2.63	-2.64	0	0	0	0	0	0
8/20/2023 0:28	61303 EARL_T1	0	0	0	0	0	0	-0.02	-0.12	0	0	0	0	0	0
8/20/2023 0:28	63203 MGTN_T1	0	0	0	0	0	0	-0.24	-0.25	1	1	0	600	600	0
8/20/2023 0:28	45702 LIND_T2	1	1	0	0.5	1.1	0.6	-0.39	-0.38	0	0	0	0	0	0
8/20/2023 0:28	16302 ALPA_T2	0	0	0	0	0	0	0.61	0.56	0	0	0	0	0	0
8/20/2023 0:28	16301 ALPA_T1	1	100	99	0.4	0.14	-0.26	-1.64	-1.68	0	0	0	0	0	0
8/20/2023 0:39	56801 BENV_T1	24	36	12	1	1.04	0.04	0	0	0	0	0	0	0	0
8/20/2023 1:25	61202 REIN_T1	61	61	0	1.88	2.02	0.14	0	0	0	0	0	0	0	0
8/20/2023 1:45	61202 REIN_T1	61	61	0	2.01	2.19	0.18	0	0	0	0	0	0	0	0
8/20/2023 2:40	61202 REIN_T1	61	61	0	2.19	2.22	0.03	0	0	0	0	0	0	0	0
8/20/2023 5:30	61202 REIN_T1	61	61	0	2.23	2.05	-0.18	0	0	0	0	0	0	0	0
8/20/2023 6:05	61202 REIN_T1	61	60	-1	1.9	1.69	-0.21	0	0	0	0	0	0	0	0
8/20/2023 6:35	61202 REIN_T1	59	60	1	1.37	1.22	-0.15	0	0	0	0	0	0	0	0
8/20/2023 7:15	61202 REIN_T1	57	60	3	0.85	1.25	0.4	0	0	0	0	0	0	0	0
8/20/2023 8:00	61202 REIN_T1	60	61	1	1.08	1.06	-0.02	0	0	0	0	0	0	0	0
8/20/2023 8:12	15603 NSTR_T2	10	0	-10	0.13	0	-0.13	-0.64	-0.62	0	0	0	0	0	0
8/20/2023 8:20	59101 WALK_T2	1	1	0	0	0	0	1.41	1.47	0	0	0	0	0	0
8/20/2023 8:23	44302 BEAV_T2	91	351	260	0.27	0.4	0.13	0.31	0.31	0	0	0	0	0	0
8/20/2023 8:55	61202 REIN_T1	61	61	0	0.79	0.75	-0.04	0	0	0	0	0	0	0	0
8/20/2023 8:57	44302 BEAV_T2	293	247	-46	0.35	0.35	0	0.26	0.31	0	0	0	0	0	0
8/20/2023 9:05	61202 REIN_T1	61	61	0	0.71	0.74	0.03	0	0	0	0	0	0	0	0
8/20/2023 9:12	40101 HUNT_T2	0	0	0	0	0	0	-0.68	-0.67	0	0	0	0	0	0
8/20/2023 9:19	54701 NEBL_T1	1	1	0	0.3	0.1	-0.2	0	0	0	0	0	0	0	0
8/20/2023 9:22	45901 AUBU_T1	0	0	0	0	0	0	0.96	0.96	0	0	0	0	0	0
8/20/2023 9:23	59101 WALK_T2	2	2	0	0.2	0.1	-0.1	1.32	1.36	0	0	0	0	0	0
8/20/2023 9:30	61202 REIN_T1	58	55	-3	0.58	0.5	-0.08	0	0	0	0	0	0	0	0
8/20/2023 9:31	43201 MVIL_T2	0	1	1	0	0	0	0	0	0	0	0	0	0	0
8/20/2023 9:34	42002 MNVL_T2	1	1	0	1.5	1.7	0.2	0	0	0	0	0	0	0	0
8/20/2023 9:35	48302 ORWI_T2	2	2	0	0.7	0.8	0.1	-0.2	-0.16	0	0	0	0	0	0
8/20/2023 9:35	59402 RFLD_T2	9	5	-4	0.24	0.22	-0.02	-1.17	-1.15	0	0	0	0	0	0
8/20/2023 9:39	29402 BELT_T1	93	45	-48	0.58	0.34	-0.24	0	0	0	0	0	0	0	0
8/20/2023 9:40	45902 AUBU_T1	0	0	0	0	0	0	-0.25	-0.29	0	0	0	0	0	0
8/20/2023 9:50	48302 ORWI_T2	2	2	0	0.8	0.75	-0.05	-0.16	-0.11	0	0	0	0	0	0
8/20/2023 9:50	61202 REIN_T1	54	53	-1	0.51	0.39	-0.12	0	0	0	0	0	0	0	0
8/20/2023 9:51	20403 ASHF_T2	0	1	1	0	0.2	0.2	0.25	0.3	0	0	0	0	0	0
8/20/2023 9:52	41901 REED_T1	0	0	0	0	0	0	-1.93	-1.93	0	0	0	0	0	0
8/20/2023 9:53	15001 BLMO_T1	1	1	0	0.8	0.8	0	0	0	0	0	0	0	0	0
8/20/2023 9:55	29402 BELT_T1	44	30	-14	0.34	0.31	-0.03	0	0	0	0	0	0	0	0
8/20/2023 9:56	56802 BENV_T2	2	1	-1	0.4	0.1	-0.3	-1.16	-1.16	0	0	0	0	0	0
8/20/2023 9:59	40101 HUNT_T2	0	0	0	0	0	0	-0.59	-0.58	0	0	0	0	0	0
8/20/2023 10:00	64801 MONE_T2	0	0	0	0	0	0	0.46	0.47	0	0	0	0	0	0
8/20/2023 10:00	66505 SMAN_T2	0	0	0	0	0	0	0.48	0.71	0	0	0	0	0	0
8/20/2023 10:00	20403 ASHF_T2	0	1	1	0	0.2	0.2	0	0	0	0	0	0	0	0
8/20/2023 10:00	56601 HAMP_T1	0	0	0	0	0	0	0	-0.02	0	0	0	0	0	0
8/20/2023 10:00	67604 WARW_T1	0	0	0	0	0	0	-0.01	-0.01	0	0	0	0	0	0
8/20/2023 10:00	12604 MACA_T1	0	0	0	0	0	0	0.52	0.52	0	0	0	0	0	0
8/20/2023 10:00	52503 PROG_T2	0	0	0	0	0	0	-0.55	-0.52	0	0	0	0	0	0
8/20/2023 10:00	10602 BLGI_T2	0	0	0	0	0	0	0.27	0.33	0	0	0	0	0	0
8/20/2023 10:00	56802 BENV_T2	1	0	-1	0.1	0	-0.1	-1.16	-1.16	0	0	0	0	0	0
8/20/2023 10:08	56802 BENV_T2	1	0	-1	0.1	0	-0.1	-1.16	-1.17	0	0	0	0	0	0
8/20/2023 10:12	17804 GILB_T2	1	1	0	1	1.4	0.4	-0.45	-0.44	0	0	0	0	0	0
8/20/2023 10:13	61801 EELI_T2	0	0	0	0	0	0	-0.6	-0.61	0	0	0	0	0	0
8/20/2023 10:14	28403 HART_T2	0	0	0	0	0	0	-0.49	-0.49	0	0	0	0	0	0
8/20/2023 10:14	12701 MACU_T1	1	1	0	5.3	3	-2.3	0.22	0.23	0	0	0	0	0	0
8/20/2023 10:16	45003 LIME_2	2	2	0	1.25	1.2	-0.05	0	0	0	0	0	0	0	0
8/20/2023 10:17	45602 WOOL_T1	0	0	0	0	0	0	0.57	0.55	0	0	0	0	0	0
8/20/2023 10:22	28604 BLYT_T2	0	0	0	0	0	0	-1.2	-1.18	0	0	0	0	0	0
8/20/2023 10:22	29402 BELT_T1	23	36	13	0.32	0.35	0.03	0	0	0	0	0	0	0	0
8/20/2023 10:23	42201 SHEN_T2	0	0	0	0	0	0	0.8	0.83	0	0	0	0	0	0
8/20/2023 10:24	67502 WEWI_T2	0	0	0	0	0	0	-1.15	-1.13	0	0	0	0	0	0
8/20/2023 10:28	17805 GILB_T2	0	0	0	0	0	0	0.1	0.13	0	0	0	0	0	0
8/20/2023 10:37	66701 STRA_T1	1	1	0	0.3	0.6	0.3	0	0	0	0	0	0	0	0
8/20/2023 10:39	16301 ALPA_T1	0	0	0	0	0	0	-1.34	-1.26	0	0	0	0	0	0
8/20/2023 10:39	41602 CLEV_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8/20/2023 10:43	41801 GOCI_T2	0	2	2	0	0.15	0.15	0	0	0	0	0	0	0	0
8/20/2023 10:44	42901 MIDD_T2	71	52	-19	0.21	0.2	-0.01	0	0	0	0	0	0	0	0
8/20/2023 10:44	45702 LIND_T2	0	0	0	0	0	0	-0.29	-0.26	0	0	0	0	0	0
8/20/2023 10:46	52402 GRPA_T2	2	1	-1	1.2	1.7	0.5	0	0	0	0	0	0	0	0
8/20/2023 10:47	64301 LINC_T1	0	0	0	0	0	0	-0.09	-0.1	0	0	0	0	0	0
8/20/2023 10:51	16302 ALPA_T2	0	0	0	0	0	0	-0.5	-0.47	0	0	0	0	0	0
8/20/2023 10:53	41602 CLEV_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8/20/2023 10:54	15001 BLMO_T1	1	2	1	1.5	0.1	-1.4	0	0	0	0	0	0	0	0
8/20/2023 10:55	67503 WEWI_T2	0	0	0	0	0	0	0.06	0.09	0	0	0	0	0	0
8/20/2023 10:55	29401 BELT_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8/20/2023 10:55	10805 CHHI_T2	1	2	1	8.6	8.8	0.2	-0.86	-0.88	0	0	0	0	0	0
8/20/2023 10:57	60803 BUCK_T1	0	0	0	0	0	0	-1.25	-1.21	0	0	0	0	0	0
8/20/2023 10:59	52004 LING_T2	3	2	-1	0.33	0.35	0.02	0.25	0.26	0	0	0	0	0	0
8/20/2023 11:05	61202 REIN_T1	43	59	16	0.31	0.56	0.25	0	0	0	0	0	0	0	0
8/20/2023 11:06	16302 ALPA_T2	0	0	0	0	0	0	-0.47	-0.46	0	0	0	0	0	0
8/20/2023 11:06	66505 SMAN_T2	0	0	0	0	0	0	0	0.15	0	0	0	0	0	0
8/20/2023 11:08	15001 BLMO_T1	2	1	-1	0.65	0.1	-0.55	0	0	0	0	0	0	0	0
8/20/2023 11:08	56802 BENV_T2	1	2	1	0.3	0.1	-0.2	-1.12	-1.12	0	0	0	0	0	0
8/20/2023 11:11	29401 BELT_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8/20/2023 11:12	10805 CHHI_T2	1	3	2	8.8	8.8	0	-0.88	-0.85	0	0	0	0	0	0
8/20/2023 11:14

Appendix C - Grid Benefits Achieved in Each Instance of Active Management

8/20/2023 14:10	42701 AUGU_T1	1	0	-1	0.2	0	-0.2	0	0	0	0	0	0	0	0
8/20/2023 14:10	56803 BENV_T1	6	8	2	0.48	0.64	0.16	0.09	0.14	0	0	0	0	0	0
8/20/2023 14:11	56802 BENV_T2	0	0	0	0	0	0	-0.87	-0.82	0	0	0	0	0	0
8/20/2023 14:12	44301 BEAV_T2	1	1	0	0.5	0	-0.5	0	0	0	0	0	0	0	0
8/20/2023 14:13	52403 GRPA_T2	9	65	56	0.63	0.7	0.07	-0.22	-0.19	0	0	0	0	0	0
8/20/2023 14:13	41801 GOCI_T2	1	0	-1	0.2	0	-0.2	0	0	0	0	0	0	0	0
8/20/2023 14:14	17804 GILB_T2	1	1	0	0.1	0.9	0.8	0	0	0	0	0	0	0	0
8/20/2023 14:17	48302 ORWI_T2	3	2	-1	0.33	0.35	0.02	-0.45	-0.44	0	0	0	0	0	0
8/20/2023 14:22	64101 REFR_T1	10	10	0	2.3	1.41	-0.89	0.56	0.6	0	0	0	0	0	0
8/20/2023 14:23	10805 CHHI_T2	13	16	3	1.03	2.24	1.21	-0.41	-0.39	0	0	0	0	0	0
8/20/2023 14:23	26001 WDAM_T1	1	0	-1	0.7	0	-0.7	-0.24	-0.21	0	0	0	0	0	0
8/20/2023 14:24	56803 BENV_T1	5	8	3	0.64	1.13	0.49	0.14	0.13	0	0	0	0	0	0
8/20/2023 14:24	55101 WERT_T1	0	0	0	0	0	0	-1.06	-1.1	0	0	0	0	0	0
8/20/2023 14:24	59101 WALK_T2	7	6	-1	0.53	0.2	-0.33	1.45	0.85	0	0	0	0	0	0
8/20/2023 14:27	52402 GRPA_T2	1	1	0	2.1	1.8	-0.3	0	0	0	0	0	0	0	0
8/20/2023 14:28	53902 HALI_T2	0	0	0	0	0	0	-0.71	-0.7	0	0	0	0	0	0
8/20/2023 14:28	10805 CHHI_T2	13	16	3	1.03	2.24	1.21	-0.41	-0.39	0	0	0	0	0	0
8/20/2023 14:31	63404 HONY_T1	4	10	6	3.8	3.24	-0.56	0	0	0	0	0	0	0	0
8/20/2023 14:33	45003 LIME_2	3	4	1	1.2	1.17	-0.03	0	0	0	0	0	0	0	0
8/20/2023 14:34	64802 MONE_T2	1	3	2	0.3	0.27	-0.03	0	0	0	0	0	0	0	0
8/20/2023 14:34	65604 QVIL_T2	0	0	0	0	0	0.74	0.69	0	0	0	0	0	0	0
8/20/2023 14:34	46506 LOHA_T1	0	0	0	0	0	-0.19	-0.16	0	0	0	0	0	0	0
8/20/2023 14:36	48302 ORWI_T2	2	1	-1	0.35	0.4	0.05	-0.44	-0.4	0	0	0	0	0	0
8/20/2023 14:38	66504 SMAN_T2	0	1	1	0	0	0	-1.04	-1.08	0	0	0	0	0	0
8/20/2023 14:38	65901 SAKR_T2	0	0	0	0	0	0	-0.87	-0.85	0	0	0	0	0	0
8/20/2023 14:39	10805 CHHI_T2	10	16	6	0.39	0.38	-0.01	-0.39	-0.43	0	0	0	0	0	0
8/20/2023 14:39	59101 WALK_T2	5	4	-1	0.28	0	-0.28	0.85	0.97	0	0	0	0	0	0
8/20/2023 14:39	15001 BLMO_T1	3	1	-2	0.33	0.3	-0.03	0	0	0	0	0	0	0	0
8/20/2023 14:39	55101 WERT_T1	0	0	0	0	0	0	-1.1	-1.09	0	0	0	0	0	0
8/20/2023 14:39	45602 WOOL_T1	1	1	0	0.3	0	-0.3	0.91	0.87	0	0	0	0	0	0
8/20/2023 14:42	52403 GRPA_T2	65	6	-59	0.53	0.7	0.17	0	0	0	0	0	0	0	0
8/20/2023 14:42	61301 EARL_T1	0	0	0	0	0	0	-1.26	-1.26	0	0	0	0	0	0
8/20/2023 14:50	44201 POIN_T1	22	25	3	0.47	0.52	0.05	-1.63	-1.62	0	0	0	0	0	0
8/20/2023 14:51	55105 WERT_T1	0	1	1	0	0	0	0	0	0	0	0	0	0	0
8/20/2023 14:51	56501 ROCK_T2	3	3	0	1.27	2.47	1.2	0	0	0	0	0	0	0	0
8/20/2023 14:53	27502 WEIS_T2	14	19	5	0.53	0.4	-0.13	0.04	-0.09	0	0	0	0	0	0
8/20/2023 14:54	65503 MOJO_T2	0	0	0	0	0	0	-0.04	-0.02	0	0	0	0	0	0
8/20/2023 14:57	53902 HALI_T2	0	0	0	0	0	0	-0.7	-0.65	0	0	0	0	0	0
8/20/2023 15:03	40902 JESH_T1	1	0	-1	2.2	0	-2.2	-1.02	-1.03	0	0	0	0	0	0
8/20/2023 15:13	63402 HONY_T2	1	1	0	0.3	0.2	-0.1	0	0	0	0	0	0	0	0
8/20/2023 15:20	48302 ORWI_T2	0	0	0	0	0	0	-0.36	-0.38	0	0	0	0	0	0
8/20/2023 15:20	44203 POIN_T2	1	7	6	0.5	0.7	0.2	0.52	0.49	0	0	0	0	0	0
8/20/2023 15:21	43304 WATS_T2	3	5	2	0.47	0.1	-0.37	0	0	0	0	0	0	0	0
8/20/2023 15:22	45901 AUBU_T1	0	0	0	0	0	0	1.08	1.08	0	0	0	0	0	0
8/20/2023 15:29	52403 GRPA_T2	1	4	3	0.7	0	-0.7	0	0	0	0	0	0	0	0
8/20/2023 15:32	45003 LIME_2	2	2	0	1.6	1.55	-0.05	0	0	0	0	0	0	0	0
8/20/2023 15:32	48301 ORWI_T1	2	2	0	4.1	4.25	0.15	-0.25	-0.32	0	0	0	0	0	0
8/20/2023 15:42	11104 EGYP_T1	14	16	2	1.26	1.23	-0.03	1.05	1.01	0	0	0	0	0	0
8/20/2023 15:44	45001 LIME_2	0	1	1	0	0.2	0.2	0	0	0	0	0	0	0	0
8/20/2023 15:45	61202 REIN_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8/20/2023 15:46	45001 LIME_2	1	2	1	0.2	0.3	0.1	0	0	0	0	0	0	0	0
8/20/2023 15:46	16402 MOPO_T1	0	0	0	0	0	0	0.13	-1.18	0	0	0	0	0	0
8/20/2023 15:52	43304 WATS_T2	2	4	2	0.2	0.1	-0.1	-0.6	-0.57	0	0	0	0	0	0
8/20/2023 15:52	50701 SMEC_T1	0	2	2	0	0.1	0.1	-1.78	-1.88	0	0	0	0	0	0
8/20/2023 15:54	29401 BELT_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8/20/2023 15:56	60101 COCA_T1	0	0	0	0	0	0.88	-0.35	0	0	0	0	0	0	0
8/20/2023 15:58	52403 GRPA_T2	1	6	5	0.8	1.35	0.55	-0.5	-0.49	0	0	0	0	0	0
8/20/2023 15:59	45001 LIME_2	1	2	1	0.2	0.3	0.1	0	0	0	0	0	0	0	0
8/20/2023 15:59	11104 EGYP_T1	12	16	4	1.2	1.21	0.01	1.01	1.04	0	0	0	0	0	0
8/20/2023 16:01	53902 HALI_T2	0	0	0	0	0	0	-0.63	-0.66	0	0	0	0	0	0
8/20/2023 16:04	56501 ROCK_T2	1	2	1	1.6	0.1	-1.5	0	0	0	0	0	0	0	0
8/20/2023 16:08	42201 SHEN_T2	0	0	0	0	0	0	0.42	0.41	0	0	0	0	0	0
8/20/2023 16:16	52403 GRPA_T2	3	6	3	0.93	0.3	-0.63	0	0	0	0	0	0	0	0
8/20/2023 16:24	25801 SUTR_T2	0	0	0	0	0	0	-0.18	-0.18	0	0	0	0	0	0
8/20/2023 16:53	46004 BERW_T2	4	3	-1	1.05	0.65	-0.4	0.11	0.15	0	0	0	0	0	0
8/20/2023 17:01	52403 GRPA_T2	4	8	4	0.53	1	0.47	0	0	0	0	0	0	0	0
8/20/2023 17:18	47403 PENS_T1	1	1	0	2.4	2.5	0.1	0	0	0	0	0	0	0	0
8/20/2023 17:29	44502 HAMI_T2	1	2	1	1.6	1.4	-0.2	0.28	0.28	0	0	0	0	0	0
8/20/2023 17:33	47402 PENS_T1	1	1	0	1.2	0	-1.2	0	0	0	0	0	0	0	0
8/20/2023 17:59	62606 ENGL_T1	1	9	8	0.1	0	-0.1	0	0	0	0	0	0	0	0
8/20/2023 18:00	44502 HAMI_T2	1	1	0	1.3	1.4	0.1	0.3	0.26	0	0	0	0	0	0
8/20/2023 18:10	61202 REIN_T1	0	3	3	0	0.1	0.1	0	0	0	0	0	0	0	0
8/20/2023 18:20	61202 REIN_T1	3	4	1	0.1	0.23	0.13	0	0	0	0	0	0	0	0
8/20/2023 18:25	61202 REIN_T1	3	4	1	0.1	0.23	0.13	0	0	0	0	0	0	0	0
8/20/2023 18:49	52401 GRPA_T2	0	0	0	0	0	-0.8	-0.84	0	0	0	0	0	0	0
8/20/2023 18:55	61202 REIN_T1	4	8	4	0.23	0.44	0.21	0	0	0	0	0	0	0	0
8/20/2023 20:05	61202 REIN_T1	39	41	2	0.4	0.38	-0.02	0	0	0	0	0	0	0	0
8/20/2023 20:12	56802 BENV_T2	0	1	1	0	1.9	1.9	-0.92	-0.92	0	0	0	0	0	0
8/20/2023 20:22	67502 WEWI_T2	0	0	0	0	0	0	-1.08	-1.11	0	0	0	0	0	0
8/20/2023 20:47	64301 LINC_T1	0	0	0	0	0	0	-0.27	-0.28	0	0	0	0	0	0
8/20/2023 20:50	61202 REIN_T1	57	61	4	0.47	0.89	0.42	0	0	0	0	0	0	0	0
8/20/2023 20:53	15001 BLMO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8/20/2023 21:10	29401 BELT_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8/20/2023 21:13	56802 BENV_T2	0	1	1	0	0.4	0.4	-0.99	-1.07	0	0	0	0	0	0
8/20/2023 21:14	62607 ENGL_T1	1	1	0	4.1	3.8	-0.3	0	0	0	0	0	0	0	0
8/20/2023 21:26	62607 ENGL_T1	1	1	0	3.8	3.9	0.1	0	0	0	0	0	0	0	0
8/20/2023 21:53	27502 WEIS_T2	0	0	0	0	0	0	-0.39	-0.38	0	0	0	0	0	0
8/20/2023 21:54	15601 NSTR_T2	3	4	1	0.3	0.2	-0.1	0	0	0	0	0	0	0	0
8/20/2023 21:54	66504 SMAN_T2	0	0	0	0	0	0	-1.67	-1.79	0	0	0	0	0	0
8/20/2023 21:56	25801 SUTR_T2	0	0	0	0	0	0	-0.1	0.15	0	0	0	0	0	0
8/20/2023 21:56	45901 AUBU_T1	0	0	0	0	0	0	1.06	1.07	0	0	0	0	0	0
8/20/2023 21:56	17805 GILB_T2	0	0	0	0	0	0	0.17	0.16	0	0	0	0	0	0
8/20/2023 21:56	60801 BUCK_T1	59	61	2	0.45	0.45	0	0	0	0	0	0	0	0	0
8/20/2023 21:57	48301 ORWI_T1	2	2	0	5.8	6	0.2	-0.5	-0.54	0	0	0	0	0	0
8/20/2023 21:58	66505 SMAN_T2	0	0	0	0	0	0	-0.03	-0.08	0	0	0	0	0	0
8/20/2023 21:58	52002 LING_T2	1	0	-1	0.3	0	-0.3	0	0	0	0	0	0	0	0
8/20/2023 21:58	63403 HONY_T2	0	0	0	0	0	0	-0.65	0.43	0	0	0	0	0	0
8/20/2023 21:59	56504 ROCK_T2	0	0	0	0	0	0	0.1	0.09	0	0	0	0	0	0
8/20/2023 21:59	50701 SMEC_T1	0	0	0	0	0	0	-0.19	-0.25	0	0	0	0	0	0
8/20/2023 21:59	65503 MOJO_T2	0	0	0	0	0	0	-0.9	-1.03	0	0	0	0	0	0
8/20/2023 22:00	20403 ASHF_T2	0	0	0	0	0	0	0.44	0.42	0	0	0	0	0	0
8/20/2023 22:00	26002 WDAM_T1	0	2	2	0	0.15	0.15	0	0	0	0	0	0	0	0
8/20/2023 22:00	52402 GRPA_T2	5	3	-2	1.18	1.53	0.35	0	0	0	0	0	0	0	0
8/20/2023 22:00	16402 MOPO_T1	0	0	0	0	0	0	-0.3	-0.25	0	0	0	0	0	0
8/20/2023 22:01	45003 LIME_2	2	2	0	1.5	1.5	0	0	0	0	0	0	0	0	0
8/20/2023 22:01	59101 WALK_T2	1	1	0	0	0	0	0.61	0.94	0	0	0	0	0	0
8/20/2023 22:01	29401 BELT_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8/20/2023 22:01	65503 MOJO_T2	0	0	0	0	0	0	-0.9	-1.03	0	0	0	0	0	0
8/20/2023 22:01	67204 TEHI_T2	0	0	0	0	0	0	0.25	0.23	0	0	0	0	0	0
8/20/2023 22:01	62607 ENGL_T1	1	2	1	3.9	3.6	-0.3	0.01	0.01	0	0	0	0	0	0
8/20/2023 22:01	64101 REFR_T1	0	0	0	0	0	0	0.41	0.35	0	0	0	0	0	0
8/20/2023 22:01	41801 GOCI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8/20/2023 22:02	48302 ORWI_T2	2	2	0	1.45	0.95	-0.5	-0.64	-0.05	0	0	0	0	0	0
8/20/2023 22:02	47401 PENS_T1	0	1	1	0	0	0	0.19	0.17	0	0	0	0	0	0
8/20/2023 22:02	60801 BUCK_T1	61	49	-12	0.45	0.36	-0.09	0	0	0	0	0	0	0	0
8/20/2023 22:02	41901 REED_T1	11	4	-7	0.41	0.3	-0.11	-1.42	-1.39	0	0	0	0	0	0
8/20/2023 22:02	56803 BENV_T1	0	1	1	0	0	0	0.55	0.5	0	0	0	0	0	0
8/20/2023 22:04	15001 BLMO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8/20/2023 22:04	45003 LIME_2	19	22	3	0.25	0.34	0.09	0	0	0	0	0	0	0	0
8/20/2023 22:04	52402 GRPA_T2	5	3	-2	1.18	1.53	0.35	0	0	0	0	0	0	0	0
8/20/2023 22:04	60101 COCA_T1	0	0	0	0	0	0	0.75	0.72	0	0	0	0	0	0
8/20/2023 22:05	43304 WATS_T2	1	1	0	0.9	0	-0.9	-0.46	-0.48	0	0	0	0	0	0
8/20/2023 22:05	55101 WERT_T1	0	0	0	0	0	0	-1.94	-1.95	0	0	0	0	0	0
8/20/2023 22:05	45003 LIME_2	2	2	0	1.5	1.5	0	0	0	0	0	0	0	0	0
8/20/2023 22:06	44201 POIN_T1	9	19	10	0.23	0.21	-0.02	-1.75	-1.68	0	0	0	0	0	0
8/20/2023 22:06	42202 SHEN_T2	1	1	0	0	0	0	0	0	0	0	0	0	0	0
8/20/2023 22:06	55101 WERT_T1	0	0	0	0	0	0	-1.94	-1.95	0	0	0	0	0	0
8/20/2023 22:07	43202 MVIL_T2	0	0	0	0	0	0	-0.64	-0.62	0	0	0	0	0	0
8/20/2023 22:08	61801 EELI_T2	0	1	1	0	0.1	0.1	-0.42	-0.5	0	0	0	0	0	0
8/20/2023 22:09	66703 STRA_T1	4	5	1	0.18	0.72	0.54	0.02	0.01	0	0	0	0	0	0
8/20/2023 22:09	40101 HUNT_T2	3	0	-3	0.8	0	-0.8	-0.54	-0.48	0	0	0	0	0	0
8/20/2023 22:10	59101 WALK_T2	1	1	0	0	0	0	0.94	1.01	0	0	0	0	0	0
8/20/2023 23:24	61202 REIN_T1	61	61	0	1.3	1.67	0.37	0	0	0	0	0	0	0	0
8/20/2023 23:50	61202 REIN_T1	61	61	0	1.67	1.72	0.05	0	0	0	0	0	0	0	0
8/21/2023 0:28	29402 BELT_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8/21/2023 0:28	47401 PENS_T1	0	0	0	0	0	0	1.08	1.07	0	0	0	0	0	0
8/21/2023 0:28	11104 EGYP_T1	0	0	0	0	0	0	1.33	1.32	0	0	0	0	0	0
8/21/2023 0:28	12701 MACU_T1	0	0	0	0	0	0	-1.09	-1.08	0	0	0	0	0	0
8/21/2023 0:28	43304 WATS_T2	0	0	0	0	0	0	-0.54	-0.56	0	0	0	0	0	0
8/21/2023 0:28	52402 GRPA_T2	1	2	1	3.7	2.35	-1.35	0	0	0	0	0	0	0	0
8/21/2023 0:28	52402 GRPA_T2	1	2	1	3.7	2.35	-1.35	0	0	0	0	0	0	0	0
8/21/2023 0:28	45003 LIME_2	1	19	18	0.1	0.21	0.11	0	0	0	0	0	0	0	0
8/21/2023 0:28	17803 GILB_T2	0	3	3	0	0.23	0.23	0	0	0	0	0	0	0	0
8/21/2023 0:28	10805 CHHI_T2	1	1	0	8.8	8.4	-0.4	-1.85	-1.83	0	0	0	0	0	0
8/21/2023 0:28	63404 HONY_T1	2	2	0	8.55	8.75	0.2	0	0	0	0	0	0	0	0
8/21/2023 0:28	43301 WATS_T2	1	1	0	0.3	0.5	0.2	-0.54	-0.55	0	0	0	0	0	0
8/21/2023 0:28	16302 ALPA_T2	0	0	0	0	0	0	-1.28	-1.29	0	0	0	0	0	0
8/21/2023 0:28	56803 BENV_T1	0	0	0	0	0	0	0.25	0.29	0	0	0	0	0	0
8/21/2023 0:28	61801 EELI_T2	0	0	0	0	0	0	-1.19	-1.21	0	0	0	0	0	0
8/21/2023 0:28	53902 HALI_T2	0	0	0	0	0	0	-2.77	-2.83	0	0	0	0	0	0
8/21/2023 0:28	63203 MGTN_T1	0	0	0	0	0	0	-0.21	-0.23	0	0	0	0	0	0
8/21/2023 0:28	41602 CLEV_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8/21/2023 0:28	65603 QVIL_T2	1	1	0	5.8	5.9	0.1	0	0	0	0	0	0	0	0
8/21/2023 0:28	61301 EARL_T1	0	0	0	0	0	0	-0.43	-0.45	0	0	0	0	0	0
8/21/2023 0:28	62607 ENGL_T1	1	1	0	5	4.8	-0.2	0	0	0	0	0	0	0	0
8/21/2023 0:28	29401 BELT_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8/21/2023 0:28	56802 BENV_T2	0	0	0	0	0	0	-1.18	-1.24	0	0	0	0	0	0
8/21/2023 0:28	61202 REIN_T1	61	61	0	1.58	1.89	0.31	0	0	0	0	0	0	0	0
8/21/2023 0:28	28403 HART_T2	0	0	0	0	0	0	-0.52	-0.54	0	0	0	0	0	0
8/21/2023 0:28	42201 SHEN_T2	0	0	0	0	0	0	0.18	0.18	0	0	0	0	0	0
8/21/2023 0:28	42901 MIDD_T2	74	150	76	0.18	0.23	0.05	0	0	0	0	0	0	0	0
8/21/2023 0:28	56504 ROCK_T2	0	0	0	0	0	0	-0.03	-0.03	0	0	0	0	0	0
8/21/2023 0:28	40902 JESH_T1	0	0	0	0	0	0	-0.64	-0.67	0	0	0	0	0	0
8/21/2023 0:28	28604 BLYT_T2	0	0	0	0	0	0	-1.27	-1.29	0	0	0	0	0	0
8/21/2023 0:28	48302 ORWI_T2	2	2	0	0.9	0.95	0.05	-0.21	-0.2	0	0	0	0	0	0
8/21/2023 0:28	44502 HAMI_T2	1	1	0	3.4	3.6	0.2	-0.27	-0.36	0	0	0	0	0	0
8/21/2023 0:28	65901 SAKR_T2	0	0	0	0	0	0	-0.97	-1.04	0	0	0	0	0	0
8/21/2023 0:28	66505 SMAN_T2	0	0	0	0	0	0	0.54	0.46	0	0	0	0	0	0
8/21/2023 0:28	46506 LOHA_T1	0	0	0	0	0	0	-0.31	-0.31	0	0	0	0	0	0
8/21/2023 0:28	45702 LIND_T2	0	1	1	0	0.2	0.2	-0.33	-0.34	0	0	0	0	0	0
8/21/2023 0:28	64801 MONE_T2	0	0	0	0	0	0	0.42	0.4	0	0	0	0	0	0
8/21/2023 0:28	59101 WALK_T2	1	1	0	0	0	0	2.6	2.9	0	0	0	0	0	0
8/21/2023 0:28	45602 WOOL_T1	0	0	0	0	0	0	0.55	0.54	0	0	0	0	0	0
8/21/2023 0:28	67503 WEWI_T2	0	0	0	0	0	0	-0.05	-0.1	0	0	0	0	0	0
8/21/2023 0:28	44203 POIN_T2	0	0	0	0	0	0	0.25	0.23	0	0	0	0	0	0
8/21/2023 0:28	55101 WERT_T1	0	0	0	0	0	0	-2.79	-2.76	0	0	0	0	0	0
8/21/2023 0:40	61202 REIN_T1	61	61	0	1.76	1.89	0.13	0	0	0	0	0	0	0	0
8/21/2023 8:01	61202 REIN_T1	53	59	6	0.49	0.76	0.27	0	0	0	0	0	0	0	0
8/21/2023 8:02	15601 NSTR_T2	3	3	0	0.4	0.97	0.57	0	0	0	0	0	0	0

Appendix C - Grid Benefits Achieved in Each Instance of Active Management

8/21/2023 10:20	66505 SMAN_T2	0	0	0	0	0	0	0.48	0.23	0	0	0	0	0	0
8/21/2023 10:21	55101 WERT_T1	0	0	0	0	0	0	-1.46	-1.42	0	0	0	0	0	0
8/21/2023 10:22	61202 REIN_T1	6	6	0	0.22	0.28	0.06	0	0	0	0	0	0	0	0
8/21/2023 10:22	67502 WEWI_T2	0	0	0	0	0	0	-0.61	-0.55	0	0	0	0	0	0
8/21/2023 10:23	16301 ALPA_T1	1	0	-1	0.1	0	-0.1	-1.17	-1.17	0	0	0	0	0	0
8/21/2023 10:25	52202 DEVO_T2	0	0	0	0	0	0	-0.57	-0.98	0	0	0	0	0	0
8/21/2023 10:26	41602 CLEV_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8/21/2023 10:29	43402 BENT_T1	0	0	0	0	0	0	-1.1	-1.14	0	0	0	0	0	0
8/21/2023 11:07	20401 ASHF_T2	1	1	0	0.4	0.6	0.2	0	0	0	0	0	0	0	0
8/21/2023 11:08	15001 BLMO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8/21/2023 11:08	56801 BENV_T1	9	5	-4	0.5	1.54	1.04	0	0	0	0	0	0	0	0
8/21/2023 11:09	45902 AUBU_T1	0	0	0	0	0	0	-0.14	-0.16	0	0	0	0	0	0
8/21/2023 11:10	10805 CHHI_T2	7	13	6	1.96	1.65	-0.31	-0.16	0.07	0	0	0	0	0	0
8/21/2023 11:11	53501 EVIL_T2	1	1	0	0.4	0	-0.4	-1.23	-1.19	0	0	0	0	0	0
8/21/2023 11:12	28604 BLYT_T2	0	0	0	0	0	0	-1.13	-1.1	0	0	0	0	0	0
8/21/2023 11:12	61801 EEU_T2	0	1	1	0	0	0	-0.16	-0.17	0	0	0	0	0	0
8/21/2023 11:13	17805 GILB_T2	0	0	0	0	0	0	0.42	0.45	0	0	0	0	0	0
8/21/2023 11:13	24102 EHAZ_T1	4	2	-2	0.45	0.5	0.05	0	0	0	0	0	0	0	0
8/21/2023 11:13	56802 BENV_T2	1	0	-1	0.1	0	-0.1	-0.31	-0.3	0	0	0	0	0	0
8/21/2023 11:15	28403 HART_T2	0	0	0	0	0	0	-0.55	-0.54	0	0	0	0	0	0
8/21/2023 11:16	61202 REIN_T1	6	6	0	0.28	0.23	-0.05	0	0	0	0	0	0	0	0
8/21/2023 11:16	64301 LINC_T1	0	0	0	0	0	0	-0.3	-0.17	0	0	0	0	0	0
8/21/2023 11:16	52402 GRPA_T2	1	1	0	1.9	1.9	0	0	0	0	0	0	0	0	0
8/21/2023 11:19	45702 LIND_T2	1	1	0	0.5	1.1	0.6	-0.06	-0.08	0	0	0	0	0	0
8/21/2023 13:06	52403 GRPA_T2	1	5	4	0.2	0	-0.2	-0.44	-0.43	0	0	0	0	0	0
8/21/2023 20:02	48302 ORWI_T2	2	2	0	0.35	0.5	0.15	-0.25	-0.28	0	0	0	0	0	0
8/21/2023 20:08	43001 ALWD_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8/21/2023 20:13	40101 HUNT_T2	190	136	-54	0.77	0.52	-0.25	-0.94	-0.97	0	0	0	0	0	0
8/21/2023 20:14	17804 GILB_T2	0	0	0	0	0	0	-0.29	-0.28	0	0	0	0	0	0
8/21/2023 20:18	66505 SMAN_T2	0	0	0	0	0	0	0	0.04	0	0	0	0	0	0
8/21/2023 20:20	61202 REIN_T1	52	60	8	0.61	0.9	0.29	0	0	0	0	0	0	0	0
8/21/2023 20:21	56501 ROCK_T2	5	24	19	0.18	0.19	0.01	-1.86	-1.9	0	0	0	0	0	0
8/21/2023 20:25	55101 WERT_T1	0	0	0	0	0	0	-1.95	-2.05	0	0	0	0	0	0
8/21/2023 20:26	67502 WEWI_T2	0	0	0	0	0	0	-0.87	-0.92	0	0	0	0	0	0
8/21/2023 20:26	52202 DEVO_T2	7	6	-1	0.59	0	-0.59	-1.41	-1.43	0	0	0	0	0	0
8/21/2023 21:11	20402 ASHF_T2	13	7	-6	1.14	1.43	0.29	0	0	0	0	0	0	0	0
8/21/2023 21:11	56802 BENV_T2	1	1	0	0.1	0.2	0.1	-0.78	-0.83	0	0	0	0	0	0
8/21/2023 21:11	41602 CLEV_T1	0	1	1	0	0	0	0	0	0	0	0	0	0	0
8/21/2023 21:12	28604 BLYT_T2	0	0	0	0	0	0	-1.07	-1.08	0	0	0	0	0	0
8/21/2023 21:12	24105 EHAZ_T1	4	4	0	5.53	5.28	-0.25	0	0	0	0	0	0	0	0
8/21/2023 21:12	45902 AUBU_T1	0	2	2	0	0.2	0.2	-0.45	-0.54	0	0	0	0	0	0
8/21/2023 21:14	10805 CHHI_T2	43	33	-10	1.52	1.2	-0.32	-0.29	-0.31	0	0	0	0	0	0
8/21/2023 21:14	28403 HART_T2	0	0	0	0	0	0	-0.33	-0.35	0	0	0	0	0	0
8/21/2023 21:16	64301 LINC_T1	0	0	0	0	0	0	-0.7	-0.68	0	0	0	0	0	0
8/22/2023 0:28	45901 AUBU_T1	0	0	0	0	0	0	1.65	1.75	0	0	0	0	0	0
8/22/2023 0:28	17805 GILB_T2	0	0	0	0	0	0	0.02	0.02	0	0	0	0	0	0
8/22/2023 0:28	53501 EVIL_T2	1	0	-1	0.2	0	-0.2	-0.98	-0.99	2	2	0	1200	1200	0
8/22/2023 0:28	15001 BLMO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8/22/2023 0:28	56801 BENV_T1	0	0	0	0	0	0	0.5	0.53	0	0	0	0	0	0
8/22/2023 0:28	61801 EEU_T2	0	0	0	0	0	0	-0.48	-0.49	1	1	0	600	600	0
8/22/2023 0:28	45702 LIND_T2	0	1	1	0	0.2	0.2	-0.14	-0.16	0	0	0	0	0	0
8/22/2023 8:09	41502 FAIR_T2	0	0	0	0	0	0	-1.6	-1.58	1	1	0	900	900	0
8/22/2023 8:17	58402 MORO_T1	0	0	0	0	0	0	-1.75	-1.74	3	3	0	2400	2400	0
8/22/2023 8:18	54701 NEBL_T1	1	1	0	1.9	1.8	-0.1	0	0	1	1	0	600	600	0
8/22/2023 8:25	45901 AUBU_T1	0	0	0	0	0	0	1.75	1.83	0	0	0	0	0	0
8/22/2023 8:48	58402 MORO_T1	0	2	2	0	0	0	-1.7	-1.69	3	3	0	2400	2400	0
8/22/2023 8:51	45901 AUBU_T1	0	0	0	0	0	0	1.84	1.8	0	0	0	0	0	0
8/22/2023 9:17	50501 MECH_T1	4	4	0	1.5	1.25	-0.25	0	0	0	0	0	0	0	0
8/22/2023 9:30	40101 HUNT_T2	2	2	0	0.35	0.35	0	-0.17	-0.03	0	0	0	0	0	0
8/22/2023 9:32	48302 ORWI_T2	2	2	0	0.85	0.85	0	0.02	0.06	0	0	0	0	0	0
8/22/2023 9:34	43202 MVIL_T2	0	0	0	0	0	0	-0.52	-0.56	0	0	0	0	0	0
8/22/2023 10:00	52503 PROG_T2	0	0	0	0	0	0	-0.37	-0.37	1	1	0	900	900	0
8/22/2023 10:00	56601 HAMP_T1	0	0	0	0	0	0	-0.01	-0.1	0	0	0	0	0	0
8/22/2023 10:00	12604 MACA_T1	0	0	0	0	0	0	0.6	0.62	0	0	0	0	0	0
8/22/2023 10:00	67605 WARW_T1	9	18	9	0.3	0.74	0.44	0	0	0	0	0	0	0	0
8/22/2023 10:00	64801 MONE_T2	1	0	-1	0.2	0	-0.2	0.5	0.51	0	0	0	0	0	0
8/22/2023 10:00	20403 ASHF_T2	2	9	7	0.15	0.4	0.25	0	0	0	0	0	0	0	0
8/22/2023 10:00	10602 BLGI_T2	1	1	0	9.8	9.6	-0.2	1.12	1.17	0	0	0	0	0	0
8/22/2023 10:39	47002 HUGH_T2	0	1	1	0	0	0	0	0	0	0	0	0	0	0
8/22/2023 11:10	14205 EALL_T2	0	0	0	0	0	0	-1.21	-1.21	1	1	0	1200	1200	0
8/22/2023 11:25	10103 ALLE_T3	1	1	0	1.1	0.6	-0.5	0	0	0	0	0	0	0	0
8/22/2023 11:37	10109 ALLE_T3	5	5	0	0.6	0.8	0.2	0	0	0	0	0	0	0	0
8/22/2023 12:04	10103 ALLE_T3	1	1	0	1.1	0.2	-0.9	0	0	0	0	0	0	0	0
8/22/2023 15:05	67503 WEWI_T2	0	0	0	0	0	0	0.46	0.46	0	0	0	0	0	0
8/22/2023 15:31	56803 BENV_T1	0	1	1	0	0	0	0.71	0.68	0	0	0	0	0	0
8/22/2023 16:26	56802 BENV_T2	1	1	0	0.5	0.3	-0.2	-0.83	-0.84	0	0	0	0	0	0
8/22/2023 16:30	15603 NSTR_T2	0	0	0	0	0	0	-0.41	-0.4	0	0	0	0	0	0
8/22/2023 16:40	56802 BENV_T2	1	1	0	0.3	0.4	0.1	-0.84	-0.77	0	0	0	0	0	0
8/22/2023 20:40	47001 HUGH_T2	0	0	0	0	0	0	-0.34	-0.36	0	0	0	0	0	0
8/22/2023 21:11	14204 EALL_T2	1	1	0	0.3	0.5	0.2	0	0	0	0	0	0	0	0
8/22/2023 21:25	10109 ALLE_T3	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8/22/2023 21:54	56803 BENV_T1	0	0	0	0	0	0	0.38	0.35	0	0	0	0	0	0
8/22/2023 21:55	56802 BENV_T2	4	1	-3	0.25	0.9	0.65	-0.49	-1.18	0	0	0	0	0	0
8/22/2023 21:55	67503 WEWI_T2	0	0	0	0	0	0	0.11	0.09	0	0	0	0	0	0
8/23/2023 0:28	15601 NSTR_T2	3	3	0	0.43	0.33	-0.1	0	0	0	0	0	0	0	0
8/23/2023 0:28	56802 BENV_T2	1	1	0	0.7	0.2	-0.5	-1.3	-1.36	0	0	0	0	0	0
8/23/2023 0:28	10203 ALLE_T3	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8/23/2023 8:00	13503 MCMI_T2	0	0	0	0	0	0	-0.01	-0.01	0	0	0	0	0	0
8/23/2023 8:03	64801 MONE_T2	1	1	0	0.4	0.3	-0.1	0	0	0	0	0	0	0	0
8/23/2023 8:11	56802 BENV_T2	1	212	211	0.6	0.35	-0.25	-1.39	-0.64	0	0	0	0	0	0
8/23/2023 8:15	22901 HARW_T1	0	0	0	0	0	0	-0.61	-0.5	1	1	0	1200	1200	0
8/23/2023 8:15	58402 MORO_T1	0	0	0	0	0	0	-1.95	-0.91	3	2	-1	2400	1500	-900
8/23/2023 8:31	58402 MORO_T1	0	0	0	0	0	0	-0.91	-0.86	2	2	0	1500	1500	0
8/23/2023 8:37	59101 WALK_T2	1	1	0	0	0	0	2.51	2.41	0	0	0	0	0	0
8/23/2023 8:41	53601 DALM_T2	1	1	0	0.7	0.7	0	0.01	0.03	1	1	0	600	600	0
8/23/2023 9:03	64802 MONE_T2	0	0	0	0	0	0	0.35	0.38	0	0	0	0	0	0
8/23/2023 9:37	59101 WALK_T2	1	1	0	0	0	0	1.88	2.87	0	1	1	0	600	600
8/23/2023 9:48	61202 REIN_T1	57	59	2	1.06	1.19	0.13	0	0	0	0	0	0	0	0
8/23/2023 9:48	48302 ORWI_T2	2	2	0	0.9	1.15	0.25	-0.13	-0.06	0	0	0	0	0	0
8/23/2023 9:48	66504 SMAN_T2	0	0	0	0	0	0	-2.12	-2.26	2	2	0	2400	2400	0
8/23/2023 9:49	41901 REED_T1	1	0	-1	0.1	0	-0.1	-1.06	-1.05	1	1	0	900	900	0
8/23/2023 9:50	67204 TEHI_T2	0	0	0	0	0	0	0.08	0.07	0	0	0	0	0	0
8/23/2023 9:50	43202 MVIL_T2	0	0	0	0	0	0	-0.57	-0.58	0	0	0	0	0	0
8/23/2023 9:52	45902 AUBU_T1	0	0	0	0	0	0	-0.41	-0.38	1	1	0	600	600	0
8/23/2023 9:52	15001 BLMO_T1	0	1	1	0	0	0	0	0	0	0	0	0	0	0
8/23/2023 9:53	59301 MCAL_T1	2	2	0	0.5	0.1	-0.4	-1.64	-1.64	1	1	0	600	600	0
8/23/2023 9:55	20403 ASHF_T2	0	3	3	0	0.1	0.1	1.46	1.48	0	0	0	0	0	0
8/23/2023 9:55	62604 ENGL_T1	0	0	0	0	0	0	-1.23	-1.18	1	1	0	600	600	0
8/23/2023 9:56	56802 BENV_T2	1	5	4	0.8	0.34	-0.46	-0.57	-0.51	0	0	0	0	0	0
8/23/2023 9:56	53501 EVIL_T2	1	1	0	0.1	0.2	0.1	0.03	-0.02	2	2	0	1200	1200	0
8/23/2023 10:00	52401 GRPA_T2	0	0	0	0	0	0	-0.4	-0.42	0	0	0	0	0	0
8/23/2023 10:00	52503 PROG_T2	0	0	0	0	0	0	-0.56	-0.52	1	1	0	900	900	0
8/23/2023 10:00	15604 NSTR_T1	0	0	0	0	0	0	0.22	0.22	0	0	0	0	0	0
8/23/2023 10:00	20401 ASHF_T2	0	0	0	0	0	0	-0.16	-0.12	1	1	0	600	600	0
8/23/2023 10:00	42902 MIDD_T2	0	0	0	0	0	0	-0.25	-0.14	1	1	0	600	600	0
8/23/2023 10:00	67604 WARW_T1	0	0	0	0	0	0	0.76	0.15	0	0	0	0	0	0
8/23/2023 10:00	64801 MONE_T2	0	0	0	0	0	0	0.37	0.41	0	0	0	0	0	0
8/23/2023 10:00	56601 HAMP_T1	0	0	0	0	0	0	-0.06	-0.06	0	0	0	0	0	0
8/23/2023 10:00	12604 MACA_T1	0	0	0	0	0	0	0.41	0.42	0	0	0	0	0	0
8/23/2023 10:10	44802 EDAN_T2	0	0	0	0	0	0	-1.87	-1.88	1	1	0	1200	1200	0
8/23/2023 10:12	64301 LINC_T1	0	0	0	0	0	0	0.28	0.31	1	1	0	600	600	0
8/23/2023 10:14	40902 JESH_T1	0	0	0	0	0	0	-0.08	0.01	1	1	0	600	600	0
8/23/2023 10:16	63201 MGTN_T2	0	0	0	0	0	0	0.61	0.59	1	1	0	600	600	0
8/23/2023 10:16	12701 MACU_T1	1	2	1	5.3	4.1	-1.2	0.23	0.23	0	0	0	0	0	0
8/23/2023 10:18	56501 ROCK_T2	2	2	0	0.5	0.3	-0.2	-0.13	-0.11	0	0	0	0	0	0
8/23/2023 10:21	66505 SMAN_T2	0	0	0	0	0	0	0.54	0.43	2	2	0	1500	1500	0
8/23/2023 10:22	67502 WEWI_T2	0	0	0	0	0	0	-0.02	0.02	0	0	0	0	0	0
8/23/2023 10:22	44601 SALE_T2	0	0	0	0	0	0	0.26	0.35	1	1	0	600	600	0
8/23/2023 10:22	67204 TEHI_T2	0	0	0	0	0	0	0.05	0.04	0	0	0	0	0	0
8/23/2023 10:23	45901 AUBU_T1	0	0	0	0	0	0	1.79	1.67	0	0	0	0	0	0
8/23/2023 10:24	43301 WATS_T2	1	1	0	0.2	0.2	0	0	0	0	0	0	0	0	0
8/23/2023 10:25	61801 EEU_T2	2	2	0	0.2	0.2	0	-0.4	-0.37	1	1	0	600	600	0
8/23/2023 10:25	15001 BLMO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8/23/2023 10:25	56802 BENV_T2	2	2	0	0.45	0.5	0.05	-0.53	-0.53	0	0	0	0	0	0
8/23/2023 10:30	46503 LOHA_T1	0	2	2	0	0.55	0.55	-0.59	-0.6	0	0	0	0	0	0
8/23/2023 10:30	45001 LIME_2	0	126	126	0	0.39	0.39	0	0	0	0	0	0	0	0
8/23/2023 10:31	45702 LIND_T2	0	0	0	0	0	0	-0.27	-0.27	0	0	0	0	0	0
8/23/2023 10:35	42001 MNVL_T2	0	1	1	0	0.2	0.2	0.21	0.23	0	0	0	0	0	0
8/23/2023 10:35	13101 NHAM_T1	0	1	1	0	0.1	0.1	-1.84	-1.84	2	2	0	2100	2100	0
8/23/2023 10:35	67503 WEWI_T2	0	0	0	0	0	0	0.03	0.06	0	0	0	0	0	0
8/23/2023 10:38	28604 BLYT_T2	0	0	0	0	0	0	-1.26	-1.24	0	0	0	0	0	0
8/23/2023 10:42	53501 EVIL_T2	0	1	1	0	0	0	0	0	0	0	0	0	0	0
8/23/2023 10:42	28403 HART_T2	0	0	0	0	0	0	-0.56	-0.54	1	1	0	900	900	0
8/23/2023 10:44	44802 EDAN_T2	0	0	0	0	0	0	-1.89	-1.87	1	1	0	1200	1200	0
8/23/2023 10:44	40101 HUNT_T2	1	4	3	0.7	0.5	-0.2	-0.08	0	0	0	0	0	0	0
8/23/2023 10:44	13503 MCMI_T2	0	0	0	0	0	0	-0.01	-0.01	0	0	0	0	0	0
8/23/2023 10:51	55101 WERT_T1	0	0	0	0	0	0	-1.84	-1.91	3	4	1	2400	3300	900
8/23/2023 10:52	43301 WATS_T2	0	0	0	0	0	0	-0.47	-0.44	1	1	0	900	900	0
8/23/2023 10:55	44301 BEAV_T2	0	1	1	0	0	0	-0.12	0.25	2	2	0	1500	1500	0
8/23/2023 10:56	60803 BUCK_T1	0	0	0	0	0	0	-1.23	-1.27	1	1	0	600	600	0
8/23/2023 10:57	24102 EHAZ_T1	0	1	1	0	0	0	0	0	0	0	0	0	0	0
8/23/2023 10:57	53501 EVIL_T2	1	0	-1	0.1	0	-0.1	-0.72	-0.71	3	3	0	2100	2100	0
8/23/2023 10:59	28403 HART_T2	0	0	0	0	0	0	-0.54	-0.55	1	1	0	900	900	0
8/23/2023 11:00	52403 GRPA_T2	0	2	2	0	0.2	0.2	0.13	0.18	0	0	0	0	0	0
8/23/2023 11:03	42903 MIDD_T2	0	2	2	0	0.25	0.25	0	0	0	0	0	0	0	0
8/23/2023 11:04	59102 WALK_T2	0	1	1	0	0.2	0.2	0	0	0	0	0	0	0	0
8/23/2023 11:07	56802 BENV_T2	1	1	0	0.7	0.7	0	-0.51	-0.49	0	0	0	0	0	0
8/23/2023 11:08	56801 BENV_T1	21	14	-7	0.69	0.5	-0.19	0	0	0	0	0	0	0	0
8/23/2023 11:10	10805 CHHI_T2	1	1	0	8.7	9	0.3	-0.9	-0.83	2	2	0	1800	1800	0
8/23/2023 11:14	52403 GRPA_T2	0	2	2	0	0.2	0.2	0.18	0.16	0	0	0	0	0	0
8/23/2023 11:14	22101 EDEL_T2	0	1	1	0	0	0	0.72	0.73	1	1	0	1200	1200	0
8/23/2023 11:18	63201 MGTN_T2	0	0	0	0	0	0	0.7	0.71	1	1	0	600	600	0
8/23/2023 11:19	65902 SAKR_T2	0	0	0	0	0	0	-0.13	0.05	1	1	0	300	300	0
8/23/2023 11:20	66703 STRA_T1	0	0	0	0	0	0	0.25	0.41	0	0	0	0	0	0
8/23/2023 11:20	17804 GILB_T2	1	2	1	0.6	0.45	-0.15	0	0	0	0	0	0	0	0
8/23/2023 11:23	56801 BENV_T1	13	15	2	0.53	0.45	-0.08	0	0	0	0	0	0	0	0
8/23/2023 11:23	54001 SDLE_T1	3	5	2	0.97	0.94	-0.03	0	0	1	1	0	600	600	0
8/23/2023 11:25	60803 BUCK_T1	0	0	0	0	0	0	-1.29	-1.2	1	1	0	600	600	0
8/23/2023 11:31	40101 HUNT_T2	0	2	2	0	0.2	0.2	0	-0.06	0	0	0	0	0	0
8/23/2023 11:34	17804 GILB_T2	2	1	-1	0.3	0.4	0.1	-0.48	-0.46	0	0	0	0	0	0
8/23/2023 11:34	47403 PENS_T1	1	0	-1	0.1	0	-0.1	0	0	0	0	0	0	0	0
8/23/2023 11:39	67502 WEWI_T2	2	3	1	0.35	0.4	0.05	0	0	0	0	0	0	0	0
8/23/2023 11:40	56802 BENV_T2	1	1	0	0.6	0.9	0.3	-0.49	-0.54	0	0	0	0	0	0
8/23/2023 11:40	42701 AUGU_T1	0	2	2	0	0.2	0.2	0	0	2	2	0	1800	1800	0
8/23/2023 11:41	52403 GRPA_T2	1	2	1	0.2	0.3	0.1	0.19	0.2	0	0	0	0	0	0
8/23/2023 11:42	11102 EGYP_T1	0	2	2	0	0	0	-0.1	-0.06	0	0	0	0	0	0
8/23/2023 11:50	64101 REFR_T1	0	0	0	0	0	0	0.23	0.19	0	0	0	0	0	0
8/23/2023 11:52	42802 SELL_T1	1	0	-1	0.4	0	-0.4	-1.57	-1.52	1	1	0	900	900	0
8/23/2023 11:54	17902 BART_T2	0	0	0	0	0

8/23/2023 15:54	15001 BLMO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8/23/2023 16:27	45802 HEGI_T2	0	0	0	0	0	0.7	0.79	1	1	0	300	300	0	
8/23/2023 16:30	52402 GRPA_T2	4	4	0	0.8	0.73	-0.07	0	0	0	0	0	0	0	
8/23/2023 16:40	61202 REIN_T1	14	36	22	0.41	0.37	-0.04	0	0	0	0	0	0	0	
8/23/2023 16:58	62607 ENGL_T1	1	1	0	2.7	2.7	0	0.01	0.01	1	1	0	300	300	0
8/23/2023 16:59	47001 HUGH_T2	0	0	0	0	0	0	-0.35	-0.31	0	0	0	0	0	0
8/23/2023 17:00	61202 REIN_T1	35	57	22	0.38	0.56	0.18	0	0	0	0	0	0	0	0
8/23/2023 17:49	41901 REID_T1	3	11	8	0.33	0.65	0.32	0	0	0	0	0	0	0	0
8/23/2023 17:55	61202 REIN_T1	46	54	8	0.39	0.47	0.08	0	0	0	0	0	0	0	0
8/23/2023 18:05	61202 REIN_T1	52	56	4	0.46	0.5	0.04	0	0	0	0	0	0	0	0
8/23/2023 18:10	61202 REIN_T1	52	56	4	0.46	0.5	0.04	0	0	0	0	0	0	0	0
8/23/2023 18:30	61202 REIN_T1	56	59	3	0.48	0.74	0.26	0	0	0	0	0	0	0	0
8/23/2023 19:25	61202 REIN_T1	60	61	1	0.96	1.1	0.14	0	0	0	0	0	0	0	0
8/23/2023 19:30	61202 REIN_T1	61	61	0	0.81	1.1	0.29	0	0	0	0	0	0	0	0
8/23/2023 20:11	44802 EDAN_T2	0	0	0	0	0	0	-1.89	-1.87	1	1	0	1200	1200	0
8/23/2023 20:15	40902 JESH_T1	3	5	2	0.17	0.14	-0.03	-0.41	-0.46	0	0	0	0	0	0
8/23/2023 20:17	63201 MGTN_T2	0	0	0	0	0	0	0.53	0.49	1	1	0	600	600	0
8/23/2023 20:18	12701 MACU_T1	1	1	0	1.2	0.7	-0.5	-0.99	-1.01	1	1	0	1200	1200	0
8/23/2023 20:19	44601 SALE_T2	0	0	0	0	0	0	0.97	0.93	0	0	0	0	0	0
8/23/2023 20:21	56503 ROCK_T2	1	0	-1	0.1	0	-0.1	0	0	0	0	0	0	0	0
8/23/2023 20:23	66505 SMAN_T2	0	0	0	0	0	0	0.2	0.18	2	2	0	1500	1500	0
8/23/2023 20:24	45901 AUBU_T1	0	0	0	0	0	0	1.61	1.64	0	0	0	0	0	0
8/23/2023 20:24	43301 WATS_T2	0	1	1	0	0.2	0.2	0	0	0	0	0	0	0	0
8/23/2023 20:24	67204 TEHI_T2	0	0	0	0	0	0	-0.06	-0.03	0	0	0	0	0	0
8/23/2023 20:26	15001 BLMO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8/23/2023 20:31	45003 LIME_2	2	3	1	1.1	1.2	0.1	0	0	0	0	0	0	0	0
8/23/2023 20:32	45702 LIND_T2	0	1	1	0	0.2	0.2	-0.37	-0.35	0	0	0	0	0	0
8/23/2023 20:33	42001 MNVL_T2	0	0	0	0	0	0	0.36	0.36	0	0	0	0	0	0
8/23/2023 20:35	67503 WEWI_T2	0	0	0	0	0	0	0.17	0.19	0	0	0	0	0	0
8/23/2023 20:37	61801 EELI_T2	1	3	2	0.1	0.25	0.15	-0.53	-0.58	1	1	0	600	600	0
8/23/2023 20:40	44802 EDAN_T2	0	0	0	0	0	0	-0.61	-0.63	0	0	0	0	0	0
8/23/2023 20:44	53501 EVIL_T2	1	0	-1	0.2	0	-0.2	-0.46	-0.37	1	1	0	600	600	0
8/23/2023 20:45	40101 HUNT_T2	0	1	1	0	0	0	-0.26	-0.32	0	0	0	0	0	0
8/23/2023 20:51	55101 WERT_T1	0	0	0	0	0	0	-1.68	-1.75	3	3	0	2400	2400	0
8/23/2023 20:54	44301 BEAV_T2	1	1	0	0.2	0	-0.2	-0.08	-0.01	1	1	0	600	600	0
8/23/2023 20:55	60801 BUCK_T1	36	42	6	0.29	0.32	0.03	0	0	0	0	0	0	0	0
8/23/2023 20:59	28403 HART_T2	0	0	0	0	0	0	-0.55	-0.55	1	1	0	900	900	0
8/23/2023 20:59	53501 EVIL_T2	0	0	0	0	0	0	-0.37	-0.31	1	1	0	600	600	0
8/23/2023 21:01	52403 GRPA_T2	6	0	-6	0.53	0	-0.53	0.22	0.2	0	0	0	0	0	0
8/23/2023 21:07	56802 BENV_T2	1	0	-1	0.2	0	-0.2	-0.48	-0.52	0	0	0	0	0	0
8/23/2023 21:10	56801 BENV_T1	1	14	13	0.6	0.37	-0.23	0	0	0	0	0	0	0	0
8/23/2023 21:19	54001 SDLE_T1	2	2	0	0.8	0.95	0.15	0	0	1	1	0	600	600	0
8/23/2023 21:19	17803 GILB_T2	0	1	1	0	0.2	0.2	0	0	0	0	0	0	0	0
8/23/2023 21:20	66703 STRA_T1	1	4	3	0.3	0.38	0.08	-0.03	-0.06	0	0	0	0	0	0
8/23/2023 21:20	65902 SAKR_T2	0	0	0	0	0	0	-0.16	-0.19	0	0	0	0	0	0
8/23/2023 21:21	59101 WALK_T2	1	1	0	0	0	0	1.73	1.67	0	0	0	0	0	0
8/23/2023 21:24	56803 BENV_T1	0	0	0	0	0	0	0.43	0.45	0	0	0	0	0	0
8/23/2023 21:27	60803 BUCK_T1	0	0	0	0	0	0	-1.23	-1.28	1	1	0	600	600	0
8/23/2023 21:29	40101 HUNT_T2	0	0	0	0	0	0	-0.31	-0.32	0	0	0	0	0	0
8/23/2023 21:31	46602 LACR_T1	0	0	0	0	0	0	0.16	0.15	0	0	0	0	0	0
8/23/2023 21:32	64301 LINC_T1	0	0	0	0	0	0	-0.06	-0.08	1	1	0	600	600	0
8/23/2023 21:32	11104 EGYP_T1	0	2	2	0	0.3	0.3	0	0	0	0	0	0	0	0
8/23/2023 21:34	47403 PENS_T1	1	1	0	2.4	2.7	0.3	0	0	0	0	0	0	0	0
8/23/2023 21:35	13501 MCMI_T1	0	0	0	0	0	0	0.29	0.28	0	0	0	0	0	0
8/23/2023 21:37	42701 AUGU_T1	0	0	0	0	0	0	0	0	2	2	0	1800	1800	0
8/23/2023 21:39	63403 HONY_T2	0	0	0	0	0	0	0.24	0.23	0	0	0	0	0	0
8/23/2023 21:40	64101 REFR_T1	0	0	0	0	0	0	0.17	0.14	0	0	0	0	0	0
8/23/2023 21:41	40901 JESH_T1	6	22	16	0.17	0.2	0.03	0	0	0	0	0	0	0	0
8/23/2023 21:41	67503 WEWI_T2	0	0	0	0	0	0	0.14	0.11	0	0	0	0	0	0
8/23/2023 21:41	56802 BENV_T2	0	3	3	0	0.23	0.23	-0.53	-0.52	0	0	0	0	0	0
8/23/2023 21:42	16402 MOPO_T1	0	0	0	0	0	0	0.85	0.85	0	0	0	0	0	0
8/23/2023 21:42	62607 ENGL_T1	1	1	0	4.8	4.4	-0.4	0.01	0.01	1	1	0	300	300	0
8/23/2023 21:42	60501 NMAN_T2	3	3	0	4	4.7	0.7	0	0	0	0	0	0	0	0
8/23/2023 21:42	59201 THOM_T1	0	7	7	0	0.14	0.14	0	0	0	0	0	0	0	0
8/23/2023 21:43	47002 HUGH_T2	1	0	-1	0.7	0	-0.7	0	0	0	0	0	0	0	0
8/23/2023 21:43	56802 BENV_T2	0	3	3	0	0.23	0.23	-0.53	-0.52	0	0	0	0	0	0
8/23/2023 21:45	56802 BENV_T2	0	3	3	0	0.23	0.23	-0.53	-0.52	0	0	0	0	0	0
8/23/2023 21:45	61801 EELI_T2	2	2	0	0.6	0.7	0.1	-1.19	-1.25	2	2	0	1200	1200	0
8/23/2023 21:46	45802 HEGI_T2	0	0	0	0	0	0	0.97	0.98	1	1	0	300	300	0
8/23/2023 21:46	14403 SSLA_T1	0	0	0	0	0	0	0.99	1.06	0	0	0	0	0	0
8/23/2023 21:47	52403 GRPA_T2	0	0	0	0	0	0	0.21	0.17	0	0	0	0	0	0
8/23/2023 21:47	67503 WEWI_T2	0	0	0	0	0	0	0.14	0.11	0	0	0	0	0	0
8/23/2023 21:47	60101 COCA_T1	0	0	0	0	0	0	0.54	0.63	0	0	0	0	0	0
8/23/2023 21:48	49804 UNIV_T1	0	0	0	0	0	0	0.79	0.79	0	0	0	0	0	0
8/23/2023 21:48	15001 BLMO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8/23/2023 21:49	52402 GRPA_T2	5	5	0	1.18	1.42	0.24	0	0	0	0	0	0	0	0
8/23/2023 21:49	42701 AUGU_T1	0	0	0	0	0	0	0	0	2	2	0	1800	1800	0
8/23/2023 21:50	22101 EDEL_T2	0	0	0	0	0	0	0.86	0.86	1	1	0	1200	1200	0
8/23/2023 21:55	42201 SHEN_T2	0	0	0	0	0	0	0.21	0.21	1	1	0	600	600	0
8/23/2023 22:21	43402 BENT_T1	0	0	0	0	0	0	-0.9	-0.91	1	1	0	900	900	0
8/23/2023 22:29	43402 BENT_T1	0	0	0	0	0	0	-0.9	-0.91	1	1	0	900	900	0
8/23/2023 23:00	61202 REIN_T1	61	61	0	1.24	1.2	-0.04	0	0	0	0	0	0	0	0
8/23/2023 23:21	43402 BENT_T1	0	0	0	0	0	0	-0.91	-0.92	1	1	0	900	900	0
8/23/2023 23:29	43402 BENT_T1	0	0	0	0	0	0	-0.91	-0.92	1	1	0	900	900	0
8/24/2023 0:21	43402 BENT_T1	0	0	0	0	0	0	-1.55	-0.94	2	1	-1	1500	900	-600
8/24/2023 0:28	24101 EHAZ_T1	0	0	0	0	0	0	0.32	0.43	1	1	0	600	600	0
8/24/2023 0:28	28604 BLYT_T2	0	0	0	0	0	0	-1.29	-1.32	0	0	0	0	0	0
8/24/2023 0:28	29402 BELT_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8/24/2023 0:28	48302 ORWI_T2	2	2	0	1	0.85	-0.15	-0.27	-0.25	0	0	0	0	0	0
8/24/2023 0:28	10805 CHHI_T2	1	1	0	8.6	8.5	-0.1	-1.84	-1.77	2	2	0	1200	1200	0
8/24/2023 0:28	13503 MCMI_T2	0	0	0	0	0	0	-0.01	-0.01	0	0	0	0	0	0
8/24/2023 0:28	56803 BENV_T1	1	1	0	0	0	0	0	0	0	0	0	0	0	0
8/24/2023 0:28	67502 WEWI_T2	0	0	0	0	0	0	-1.37	-1.38	1	1	0	900	900	0
8/24/2023 0:28	13101 NHAM_T1	0	0	0	0	0	0	-1.92	-1.95	2	2	0	2100	2100	0
8/24/2023 0:28	16302 ALPA_T2	0	0	0	0	0	0	1.47	1.39	0	0	0	0	0	0
8/24/2023 0:28	43301 WATS_T2	1	1	0	0.4	0.3	-0.1	-0.55	-0.59	1	1	0	900	900	0
8/24/2023 0:28	29402 BELT_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8/24/2023 0:28	43304 WATS_T2	0	0	0	0	0	0	-0.58	-0.59	0	0	0	0	0	0
8/24/2023 0:28	42901 MIDD_T2	134	187	53	0.21	0.31	0.1	0	0	0	0	0	0	0	0
8/24/2023 0:28	45902 AUBU_T1	0	0	0	0	0	0	-0.81	-0.86	1	1	0	600	600	0
8/24/2023 0:28	63401 HONY_T1	0	0	0	0	0	0	0.08	0.17	1	1	0	600	600	0
8/24/2023 0:28	65604 QVIL_T2	0	0	0	0	0	0	0.3	0.29	0	0	0	0	0	0
8/24/2023 0:28	44502 HAMI_T2	1	1	0	3.5	3.6	0.1	-0.33	-0.38	0	0	0	0	0	0
8/24/2023 0:28	17803 GILB_T2	1	2	1	0.2	0.35	0.15	0	0	0	0	0	0	0	0
8/24/2023 0:28	56802 BENV_T2	0	1	1	0	0.5	0.5	-2.78	-2.85	0	0	0	0	0	0
8/24/2023 0:28	28403 HART_T2	0	0	0	0	0	0	-0.62	-0.61	1	1	0	900	900	0
8/24/2023 0:28	47901 HRDG_T1	0	0	0	0	0	0	0.76	0.93	1	1	0	1200	1200	0
8/24/2023 0:28	42802 SELI_T1	1	1	0	1	0.2	-0.8	0.11	0.09	0	0	0	0	0	0
8/24/2023 0:28	14403 SSLA_T1	0	0	0	0	0	0	0.77	0.76	0	0	0	0	0	0
8/24/2023 0:28	52502 PROG_T2	0	0	0	0	0	0	-0.58	0.36	1	0	-1	900	0	-900
8/24/2023 0:37	11104 EGYP_T1	0	0	0	0	0	0	0.55	0.53	0	0	0	0	0	0
8/24/2023 0:44	67602 WARW_T2	0	0	0	0	0	0	0.51	0.48	0	0	0	0	0	0
8/24/2023 0:55	61202 REIN_T1	61	61	0	1.67	1.78	0.11	0	0	0	0	0	0	0	0
8/24/2023 7:45	61202 REIN_T1	54	56	2	0.47	0.74	0.27	0	0	0	0	0	0	0	0
8/24/2023 8:00	45802 HEGI_T2	0	0	0	0	0	0	0.66	0.53	2	2	0	1200	1200	0
8/24/2023 8:03	13503 MCMI_T2	0	0	0	0	0	0	-0.01	-0.01	0	0	0	0	0	0
8/24/2023 8:10	61202 REIN_T1	49	56	7	0.37	0.77	0.4	0	0	0	0	0	0	0	0
8/24/2023 8:20	61202 REIN_T1	56	58	2	0.74	0.86	0.12	0	0	0	0	0	0	0	0
8/24/2023 8:26	41502 FAIR_T2	0	0	0	0	0	0	-1.62	-1.6	1	1	0	900	900	0
8/24/2023 8:40	61202 REIN_T1	55	59	4	0.65	0.85	0.2	0	0	0	0	0	0	0	0
8/24/2023 8:41	56802 BENV_T2	4	63	59	0.48	0.15	-0.33	-1.28	-1.24	0	0	0	0	0	0
8/24/2023 8:45	64801 MONE_T2	1	1	0	0.7	0.2	-0.5	0	0	0	0	0	0	0	0
8/24/2023 8:55	61202 REIN_T1	58	57	-1	0.86	0.78	-0.08	0	0	0	0	0	0	0	0
8/24/2023 8:57	53601 DALM_T2	1	1	0	1.1	1.4	0.3	-0.26	-0.29	1	1	0	900	900	0
8/24/2023 9:09	67204 TEHI_T2	0	0	0	0	0	0	0.01	0.07	0	0	0	0	0	0
8/24/2023 9:21	44601 SALE_T2	0	0	0	0	0	0	1.3	1.23	1	1	0	600	600	0
8/24/2023 9:22	56802 BENV_T2	8	161	153	0.25	0.21	-0.04	-1.25	-1.21	0	0	0	0	0	0
8/24/2023 9:26	44502 HAMI_T2	1	1	0	1.9	1.8	-0.1	0.02	0.01	0	0	0	0	0	0
8/24/2023 9:27	54502 ENOL_T2	1	1	0	0.5	0.9	0.4	-1.9	-1.9	1	1	0	600	600	0
8/24/2023 9:31	43202 MVIL_T2	0	0	0	0	0	0	-0.58	-0.55	0	0	0	0	0	0
8/24/2023 9:33	59301 MCAL_T1	2	2	0	0.5	0.9	0.4	-1.68	-1.68	1	1	0	600	600	0
8/24/2023 9:35	54701 NEBL_T1	6	3	-3	0.42	0.57	0.15	0	0	1	1	0	600	600	0
8/24/2023 9:36	59101 WALK_T2	1	1	0	0	0	0	2.05	2.44	0	0	0	0	0	0
8/24/2023 9:37	43304 WATS_T2	0	0	0	0	0	0	-0.76	-0.76	0	0	0	0	0	0
8/24/2023 9:41	44301 BEAV_T2	1	1	0	0.1	0.1	0	0.77	0.87	2	2	0	1500	1500	0
8/24/2023 9:42	56802 BENV_T2	35	161	126	0.18	0.21	0.03	-1.21	-1.21	0	0	0	0	0	0
8/24/2023 9:42	40101 HUNT_T2	1	1	0	0.2	0.2	0	-0.02	-0.04	0	0	0	0	0	0
8/24/2023 9:44	45003 LIME_2	2	3	1	1.35	1.25	-0.1	0	0	0	1	1	0	1200	1200
8/24/2023 9:48	56501 ROCK_T2	2	2	0	0.8	0.4	-0.4	-1.42	-0.11	0	0	0	0	0	0
8/24/2023 9:49	41901 REID_T1	2	1	-1	0.2	0.1	-0.1	-1.18	-1.19	1	1	0	900	900	0
8/24/2023 9:49	66504 SMAN_T2	0	0	0	0	0	0	-2.37	-2.13	2	2	0	2400	2400	0
8/24/2023 9:49	61202 REIN_T1	58	60	2	0.81	1.02	0.21	0	0	0	0	0	0	0	0
8/24/2023 9:50	48302 ORWI_T2	2	2	0	0.65	0.9	0.25	-0.08	-0.07	0	0	0	0	0	0
8/24/2023 9:54	45902 AUBU_T1	0	0	0	0	0	0	-0.3	-0.3	1	1	0	600	600	0
8/24/2023 9:54	20403 ASHF_T2	0	0	0	0	0	0	1.25	1.19	0	0	0	0	0	0
8/24/2023 9:59	53501 EVIL_T2	0	2	2	0	0.3	0.3	-0.76	-0.44	3	3	0	2100	2100	0
8/24/2023 10:00	13503 MCMI_T2	0	0	0	0	0	0	-0.01	-0.01	0	0	0	0	0	0
8/24/2023 10:00	20401 ASHF_T2	0	0	0	0	0	0	-0.09	-0.08	1	1	0	600	600	0
8/24/2023 10:00	52404 GRPA_T2	1	1	0	0.4	0.5	0.1	0	0	0	0	0	0	0	0
8/24/2023 10:00	64801 MONE_T2	0	0	0	0	0	0	0.39	0.41	0	0	0	0	0	0
8/24/2023 10:00	45702 LIND_T2	0	0	0	0	0	0	-0.27	-0.26	0	0	0	0	0	0
8/24/2023 10:00	15604 NSTR_T1	0	0	0	0	0	0	0.21	0.21	0	0	0	0	0	0
8/24/2023 10:00	10602 BLGL_T2	0	0	0	0	0	0	1.1	1.14	0	0	0	0	0	0
8/24/2023 10:00	43304 WATS_T2	0	0	0	0	0	0	-0.76	-0.77	0	0	0	0	0	0
8/24/2023 10:00	67605 WARW_T1	11	11	0	0.41	0.38	-0.03	0	0	0	0	0	0	0	0
8/24/2023 10:00	52503 PROG_T2	0	0	0	0	0	0	-0.53	-0.52	1	1	0	900	900	0
8/24/2023 10:00	12604 MACA_T1	0	0	0	0	0	0	0.4	0.41	0	0	0	0	0	0
8/24/2023 10:09	56802 BENV_T2	34	127	93	0.18	0.17	-0.01	-1.24	-1.18	0	0	0	0	0	0
8/24/2023 10:11	17804 GILB_T2	0	0	0	0	0	0	-0.51	-0.5	0	0	0	0	0	0
8/24/2023 10:11	28403 HART_T2	0	0	0	0	0	0	-0.55	-0.57	1	1	0	900	900	0
8/24/2023 10:13	11104 EGYP_T1	0	0	0	0	0	0	0.73	0.72	0	0	0	0	0	0
8/24/2023 10:14	12701 MACU_T1	2	2	0	3.15	4.2	1.05	0.2	0.2	0	0	0	0	0	0
8/24/2023 10:16	57301 MOAL_T2	4	10	6	0.18	0.24	0.06	0	0	0	0	0	0	0	0
8/24/2023 10:19	52502 PROG_T2	0	0	0	0	0	0	-0.56	-0.52	1	1	0	900	900	0
8/24/2023 10:21	67503 WEWI_T2	0	0	0	0	0	0	0.02	0.02	0	0	0	0	0	0
8/24/2023 10:23	43301 WATS_T2	1	1	0	0.7	0.6	-0.1	0	0	0	0	0	0	0	0
8/24/2023 10:23	45901 AUBU_T1	0	0	0	0	0	0	1.53	1.43	0	0	0	0	0	0
8/24/2023 10:25	11104 EGYP_T1	0	0	0	0	0	0	0.72	0.76	0	0	0	0	0	0
8/24/2023 10:26	15001 BLMO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8/24/2023 10:26	17805 GILB_T2	0	0	0	0	0	0	0.22	0.19	0	0	0	0	0	0
8/24/2023 10:28	24105 EHAZ_T1	4	4	0	6	5.95	-0.05	0	0	0	0	0	0	0	0
8/24/2023 10:29	52404 GRPA_T2	1	1	0	0.4	0.5	0.1	0	0	0	0	0	0	0	0
8/24/2023 10:29	43402 BENT_T1	0	0	0	0	0	0	-1.26	-1.24	2	2	0	1500	1500	0
8/24/2023 10:29	44802 EDAN_T2	0	0	0	0	0	0	-1.77	-1.81	1	1	0	1200	1200	0
8/24/2023 10:31	64301 LINC_T1	0	0	0	0	0	0	0.3	0.31	1	1	0	600	600	0
8/24/2023 10:32	58402 MORO_T1	0	0	0	0	0	0	-1.71	-1.72	3	3	0	2400	2400	0
8/24/2023 10:37	43301 WATS_T2	1	1	0	0.6	0.7	0.1	-0.53	-0.54	1	1	0	900	900	0
8/24/2023 10:38	56802 BENV_T2	71	49	-22	0.17	0.17	0	-1.16	-1.2	0	0	0	0	0	0
8/24/2023 10:39	45902 AUBU_T1	0	0	0	0	0	0	-0.

8/24/2023 12:07	56802 BENV_T2	176	130	-46	0.31	0.25	-0.06	-2.28	-2.2	0	0	0	0	0	0
8/24/2023 12:09	45901 AUBU_T1	0	0	0	0	0	0	1.87	1.86	0	0	0	0	0	0
8/24/2023 12:09	15001 BLMO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8/24/2023 12:10	57006 WHNI_T2	0	0	0	0	0	0	1.17	1.16	2	2	0	1200	1200	0
8/24/2023 12:20	61202 REIN_T1	60	60	0	0.92	0.82	-0.1	0	0	0	0	0	0	0	0
8/24/2023 12:25	59101 WALK_T2	1	2	1	0	0	0	2.67	2.5	0	0	0	0	0	0
8/24/2023 12:39	11104 EGYP_T1	0	5	5	0	0	0	0	0	0	0	0	0	0	0
8/24/2023 12:40	15001 BLMO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8/24/2023 12:48	54701 NEBL_T1	3	3	0	0.27	0.37	0.1	0	0	1	1	0	600	600	0
8/24/2023 12:57	15001 BLMO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8/24/2023 13:08	13501 MCMI_T1	0	0	0	0	0	0	0.19	0.18	0	0	0	0	0	0
8/24/2023 13:12	52402 GRPA_T2	4	4	0	0.95	1.05	0.1	0	0	0	0	0	0	0	0
8/24/2023 13:27	15001 BLMO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8/24/2023 13:32	42001 MNVL_T2	0	0	0	0	0	0	0.3	0.23	0	0	0	0	0	0
8/24/2023 13:52	67602 WARW_T2	0	0	0	0	0	0	0.69	0.48	1	1	0	300	300	0
8/24/2023 13:54	45901 AUBU_T1	0	0	0	0	0	0	2.1	2.08	0	0	0	0	0	0
8/24/2023 14:05	59101 WALK_T2	1	2	1	0	0.1	0.1	2.56	2.52	0	0	0	0	0	0
8/24/2023 14:09	60101 COCA_T1	0	0	0	0	0	0	0.56	0.59	0	0	0	0	0	0
8/24/2023 14:16	46004 BERW_T2	0	0	0	0	0	0	0.16	0.2	0	0	0	0	0	0
8/24/2023 14:23	60101 COCA_T1	0	0	0	0	0	0	0.59	0.58	0	0	0	0	0	0
8/24/2023 14:29	46506 LOHA_T1	0	1	1	0	0.8	0.8	-0.24	-0.26	0	0	0	0	0	0
8/24/2023 14:34	42201 SHEN_T2	0	0	0	0	0	0	0.25	0.35	1	1	0	600	600	0
8/24/2023 14:35	46004 BERW_T2	0	0	0	0	0	0	0.02	-0.03	0	0	0	0	0	0
8/24/2023 14:41	42701 AUGU_T1	0	0	0	0	0	0	0	0	2	2	0	1800	1800	0
8/24/2023 14:43	40101 HUNT_T2	0	1	1	0	0	0	0.06	0	0	0	0	0	0	0
8/24/2023 14:44	61801 EELI_T2	1	0	-1	4.8	0	-4.8	-0.6	-0.63	2	2	0	1200	1200	0
8/24/2023 14:47	42903 MIDD_T2	2	2	0	0.75	0.75	0	0.38	0.4	1	1	0	1200	1200	0
8/24/2023 14:54	55103 WERT_T1	0	1	1	0	0	0	0	0	0	0	0	0	0	0
8/24/2023 15:01	42701 AUGU_T1	0	0	0	0	0	0	0	0	2	2	0	1800	1800	0
8/24/2023 15:06	59202 THOM_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8/24/2023 15:07	42802 SELI_T1	0	0	0	0	0	0	-1.6	-1.55	1	1	0	900	900	0
8/24/2023 15:16	40901 JESH_T1	1	1	0	0.1	0	-0.1	0	0	0	0	0	0	0	0
8/24/2023 15:27	10801 CHHI_T1	0	0	0	0	0	0	-1.18	-1.11	2	2	0	1500	1500	0
8/24/2023 15:41	62604 ENGL_T1	0	0	0	0	0	0	-1.04	-1.02	1	1	0	600	600	0
8/24/2023 16:05	56504 ROCK_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8/24/2023 16:07	66505 SMAN_T2	0	0	0	0	0	0	0.01	0.07	3	3	0	2100	2100	0
8/24/2023 16:18	42201 SHEN_T2	0	0	0	0	0	0	0.27	0.25	1	1	0	600	600	0
8/24/2023 16:18	13704 SCHN_T2	0	0	0	0	0	0	0.05	0.03	0	0	0	0	0	0
8/24/2023 16:18	47101 MARL_T1	0	0	0	0	0	0	-0.07	0.05	0	0	0	0	0	0
8/24/2023 16:51	59101 WALK_T2	1	1	0	0	0	0	1.69	1.21	1	1	0	450	450	0
8/24/2023 17:27	62607 ENGL_T1	1	1	0	2.8	2.3	-0.5	0.01	0.01	1	1	0	300	300	0
8/24/2023 18:25	14702 TREX_T2	0	0	0	0	0	0	1.22	1.25	0	0	0	0	0	0
8/24/2023 18:25	46004 BERW_T2	0	421	421	0	0	0	-0.04	-0.25	0	0	0	0	0	0
8/24/2023 18:35	14702 TREX_T2	0	0	0	0	0	0	1.25	1.19	0	0	0	0	0	0
8/24/2023 20:09	43304 WATS_T2	0	0	0	0	0	0	-0.35	-0.36	0	0	0	0	0	0
8/24/2023 20:11	56802 BENV_T2	44	53	9	0.19	0.2	0.01	-1.09	-1.07	0	0	0	0	0	0
8/24/2023 20:12	17804 GILB_T2	0	0	0	0	0	0	-0.47	-0.49	0	0	0	0	0	0
8/24/2023 20:15	12704 MACU_T1	0	1	1	0	0	0	0	0	0	0	0	0	0	0
8/24/2023 20:17	52502 PROG_T2	0	0	0	0	0	0	-0.27	-0.31	1	1	0	900	900	0
8/24/2023 20:19	57301 MOAL_T2	3	2	-1	0.13	0.1	-0.03	0	0	0	0	0	0	0	0
8/24/2023 20:21	45901 AUBU_T1	0	0	0	0	0	0	1.78	1.8	0	0	0	0	0	0
8/24/2023 20:24	67503 WEWI_T2	0	0	0	0	0	0	0.17	0.16	0	0	0	0	0	0
8/24/2023 20:24	15001 BLMO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8/24/2023 20:30	52402 GRPA_T2	5	4	-1	0.98	1.08	0.1	0	0	0	0	0	0	0	0
8/24/2023 20:30	17805 GILB_T2	0	0	0	0	0	0	0.05	0.04	0	0	0	0	0	0
8/24/2023 20:31	64301 LINC_T1	0	0	0	0	0	0	-0.07	-0.09	1	1	0	600	600	0
8/24/2023 20:32	58402 MORO_T1	0	0	0	0	0	0	-1.79	-1.76	3	3	0	2400	2400	0
8/24/2023 20:35	60801 BUCK_T1	28	45	17	0.27	0.41	0.14	0	0	0	0	0	0	0	0
8/24/2023 20:40	28601 BLYT_T2	0	1	1	0	0	0	0	0	0	0	0	0	0	0
8/24/2023 20:41	56802 BENV_T2	25	56	31	0.22	0.18	-0.04	-1.14	-1.1	0	0	0	0	0	0
8/24/2023 20:41	45902 AUBU_T1	0	0	0	0	0	0	-0.67	-0.68	1	1	0	600	600	0
8/24/2023 20:41	22101 EDEL_T2	0	0	0	0	0	0	0.69	0.69	1	1	0	1200	1200	0
8/24/2023 20:41	53501 EVIL_T2	1	1	0	0.3	0.2	-0.1	-0.51	-0.48	1	1	0	600	600	0
8/24/2023 20:42	14702 TREX_T2	0	0	0	0	0	0	1.19	1.18	0	0	0	0	0	0
8/24/2023 20:47	58402 MORO_T1	0	0	0	0	0	0	-1.76	-1.82	3	2	-1	2400	1500	-900
8/24/2023 20:51	44901 SCOT_T2	0	0	0	0	0	0	0.29	0.49	0	0	0	0	0	0
8/24/2023 20:54	61801 EELI_T2	0	1	1	0	0.3	0.3	-0.47	-0.47	1	1	0	600	600	0
8/24/2023 20:54	53501 EVIL_T2	1	1	0	0.2	0.1	-0.1	-0.48	-0.5	1	1	0	600	600	0
8/24/2023 20:56	56802 BENV_T2	40	81	41	0.17	0.21	0.04	-1.1	-1.15	0	0	0	0	0	0
8/24/2023 21:01	43302 WATS_T2	4	4	0	0.25	0.5	0.25	0	0	0	0	0	0	0	0
8/24/2023 21:01	47901 HRDG_T1	0	0	0	0	0	0	1.6	1.54	0	0	0	0	0	0
8/24/2023 21:01	28403 HART_T2	0	0	0	0	0	0	-0.49	-0.52	1	1	0	900	900	0
8/24/2023 21:05	15603 NSTR_T2	0	0	0	0	0	0	-0.51	-0.53	0	0	0	0	0	0
8/24/2023 21:05	54001 SDLE_T1	2	2	0	0.85	1.15	0.3	0	0	1	1	0	600	600	0
8/24/2023 21:06	44901 SCOT_T2	0	0	0	0	0	0	0.49	0.45	0	0	0	0	0	0
8/24/2023 21:06	56501 ROCK_T2	0	2	2	0	0.25	0.25	0.14	0.21	0	0	0	0	0	0
8/24/2023 21:08	56802 BENV_T2	50	200	150	0.18	0.35	0.17	-1.15	-1.14	0	0	0	0	0	0
8/24/2023 21:10	29401 BELT_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8/24/2023 21:11	56801 BENV_T1	4	14	10	0.38	0.34	-0.04	-0.54	-0.52	1	1	0	600	600	0
8/24/2023 21:13	14702 TREX_T2	0	0	0	0	0	0	1.11	1.11	0	0	0	0	0	0
8/24/2023 21:13	52402 GRPA_T2	4	5	1	1.08	0.78	-0.3	0	0	0	0	0	0	0	0
8/24/2023 21:21	66703 STRA_T1	0	1	1	0	0.3	0.3	-0.05	-0.02	0	0	0	0	0	0
8/24/2023 21:22	29401 BELT_T1	0	0	0	0	0	0	0	0	0	1	1	0	900	900
8/24/2023 21:22	43302 WATS_T2	4	4	0	0.38	0.73	0.35	0	0	0	0	0	0	0	0
8/24/2023 21:22	56801 BENV_T1	6	18	12	0.3	0.54	0.24	-0.52	-0.56	1	1	0	600	600	0
8/24/2023 21:25	60803 BUCK_T1	0	2	2	0	0.15	0.15	-1.23	-1.24	1	1	0	600	600	0
8/24/2023 21:25	56802 BENV_T2	72	256	184	0.21	0.33	0.12	-1.14	-1.13	0	0	0	0	0	0
8/24/2023 21:27	46004 BERW_T2	0	0	0	0	0	0	-0.3	-0.26	0	0	0	0	0	0
8/24/2023 21:27	13501 MCMI_T1	0	0	0	0	0	0	0.21	0.21	0	0	0	0	0	0
8/24/2023 21:30	42201 SHEN_T2	0	0	0	0	0	0	0.1	0.11	1	1	0	600	600	0
8/24/2023 21:37	13704 SCHN_T2	4	5	1	0.1	0.18	0.08	-0.29	-0.29	0	0	0	0	0	0
8/24/2023 21:37	42001 MNVL_T2	0	0	0	0	0	0	0.26	0.23	0	0	0	0	0	0
8/24/2023 21:38	56802 BENV_T2	200	256	56	0.35	0.32	-0.03	-1.13	-1.14	0	0	0	0	0	0
8/24/2023 21:40	61202 REIN_T1	57	61	4	0.65	0.99	0.34	0	0	0	0	0	0	0	0
8/24/2023 21:41	45902 AUBU_T1	1	10	9	0.2	0.14	-0.06	0	0	0	0	0	0	0	0
8/24/2023 21:41	56801 BENV_T1	14	18	4	0.32	0.86	0.54	0	0	0	0	0	0	0	0
8/24/2023 21:41	15001 BLMO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8/24/2023 21:41	42802 SELI_T1	0	0	0	0	0	0	-1.05	-1.07	0	0	0	0	0	0
8/24/2023 21:41	62604 ENGL_T1	0	0	0	0	0	0	-1.28	-1.24	1	1	0	600	600	0
8/24/2023 21:42	59101 WALK_T2	1	1	0	0	0	0	1.27	1.32	1	1	0	450	450	0
8/24/2023 21:42	56803 BENV_T1	0	0	0	0	0	0	0.49	0.49	0	0	0	0	0	0
8/24/2023 21:42	59202 THOM_T1	22	25	3	0.16	0.2	0.04	0	0	0	0	0	0	0	0
8/24/2023 21:43	42901 MIDD_T2	0	13	13	0	0.1	0.1	0	0	0	0	0	0	0	0
8/24/2023 21:43	42701 AUGU_T1	0	0	0	0	0	0	0	0	2	2	0	1800	1800	0
8/24/2023 21:43	11102 EGYP_T1	0	0	0	0	0	0	0.62	0.6	0	0	0	0	0	0
8/24/2023 21:44	66505 SMAN_T2	0	0	0	0	0	0	0.2	0.17	2	2	0	1500	1500	0
8/24/2023 21:45	15001 BLMO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8/24/2023 21:47	40901 JESH_T1	4	5	1	0.15	0.1	-0.05	0	0	0	0	0	0	0	0
8/24/2023 21:47	15001 BLMO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8/24/2023 21:48	55101 WERT_T1	0	0	0	0	0	0	-1.79	-1.84	3	2	-1	2400	1800	-600
8/24/2023 21:48	40101 HUNT_T2	0	0	0	0	0	0	-0.34	-0.41	0	0	0	0	0	0
8/24/2023 21:50	56504 ROCK_T2	0	0	0	0	0	0	0.02	-0.06	0	0	0	0	0	0
8/24/2023 21:50	60101 COCA_T1	0	0	0	0	0	0	0.55	0.58	0	0	0	0	0	0
8/24/2023 21:51	59101 WALK_T2	1	1	0	0	0	0	1.32	0.76	1	1	0	450	450	0
8/24/2023 21:51	45702 LIND_T2	1	1	0	0.2	0.2	0	-0.39	-0.4	0	0	0	0	0	0
8/24/2023 21:52	56802 BENV_T2	248	175	-73	0.32	0.3	-0.02	-2.29	-2.27	0	0	0	0	0	0
8/24/2023 21:52	46506 LOHA_T1	0	1	1	0	0.2	0.2	-0.27	-0.29	0	0	0	0	0	0
8/24/2023 21:52	59101 WALK_T2	1	1	0	0	0	0	1.32	0.76	1	1	0	450	450	0
8/24/2023 21:57	42201 SHEN_T2	0	0	0	0	0	0	0.1	0.06	1	1	0	600	600	0
8/24/2023 22:05	61202 REIN_T1	61	61	0	0.97	0.66	-0.31	0	0	0	0	0	0	0	0
8/24/2023 22:30	61202 REIN_T1	61	61	0	0.65	1.01	0.36	0	0	0	0	0	0	0	0
8/24/2023 22:40	61202 REIN_T1	61	61	0	0.65	1.01	0.36	0	0	0	0	0	0	0	0
8/24/2023 23:00	61202 REIN_T1	61	61	0	0.96	0.98	0.02	0	0	0	0	0	0	0	0
8/24/2023 23:05	61202 REIN_T1	61	61	0	0.96	0.98	0.02	0	0	0	0	0	0	0	0
8/25/2023 0:10	61202 REIN_T1	61	61	0	1.25	1.28	0.03	0	0	0	0	0	0	0	0
8/25/2023 0:28	10805 CHHI_T2	1	1	0	8.2	8.2	0	-2.11	-2.09	2	2	0	1200	1200	0
8/25/2023 0:28	15001 BLMO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8/25/2023 0:28	67502 WEWI_T2	0	0	0	0	0	0	-1.39	-1.38	1	1	0	900	900	0
8/25/2023 0:28	66505 SMAN_T2	0	0	0	0	0	0	0.47	0.43	1	1	0	900	900	0
8/25/2023 0:28	11104 EGYP_T1	0	0	0	0	0	0	0.98	0.92	0	0	0	0	0	0
8/25/2023 0:28	24105 EHAZ_T1	4	4	0	6.6	6.33	-0.27	0	0	0	0	0	0	0	0
8/25/2023 0:28	47101 MARL_T1	0	0	0	0	0	0	-0.3	-0.31	0	0	0	0	0	0
8/25/2023 0:28	13503 MCMI_T2	0	0	0	0	0	0	-0.01	-0.01	0	0	0	0	0	0
8/25/2023 0:28	61801 EELI_T2	0	1	1	0	0.2	0.2	-1.29	-1.36	2	2	0	1200	1200	0
8/25/2023 0:28	44802 EDAN_T2	0	0	0	0	0	0	-5.01	-5.07	2	2	0	2400	2400	0
8/25/2023 0:28	67502 WEWI_T2	0	0	0	0	0	0	-1.39	-1.38	1	1	0	900	900	0
8/25/2023 0:28	67602 WARW_T2	0	0	0	0	0	0	0.42	0.42	0	0	0	0	0	0
8/25/2023 0:28	28403 HART_T2	0	0	0	0	0	0	-0.62	-0.56	1	1	0	900	900	0
8/25/2023 0:28	42701 AUGU_T1	1	1	0	0.4	0.8	0.4	0	0	2	2	0	1800	1800	0
8/25/2023 0:28	60101 COCA_T1	0	0	0	0	0	0	0.36	0.33	0	0	0	0	0	0
8/25/2023 0:28	10801 CHHI_T1	0	0	0	0	0	0	-1.35	-1.35	2	2	0	1500	1500	0
8/25/2023 0:28	64801 MONE_T2	0	0	0	0	0	0	0.31	0.32	0	0	0	0	0	0
8/25/2023 4:08	14702 TREX_T2	0	0	0	0	0	0	0.55	0.56	0	0	0	0	0	0
8/25/2023 4:55	14702 TREX_T2	0	1	1	0	0	0	0.57	0.6	0	0	0	0	0	0
8/25/2023 6:24	14702 TREX_T2	0	0	0	0	0	0	0.69	0.65	0	0	0	0	0	0
8/25/2023 6:30	61202 REIN_T1	56	61	5	0.48	1.23	0.75	0	0	0	0	0	0	0	0
8/25/2023 6:45	14702 TREX_T2	0	0	0	0	0	0	0.65	0.66	0	0	0	0	0	0
8/25/2023 7:55	61202 REIN_T1	50	23	-27	0.5	0.38	-0.12	0	0	0	0	0	0	0	0
8/25/2023 8:01	13503 MCMI_T2	0	0	0	0	0	0	-0.01	-0.01	0	0	0	0	0	0
8/25/2023 8:06	59101 WALK_T2	1	1	0	0	0	0	1.51	1.54	0	0	0	0	0	0
8/25/2023 8:07	17902 BART_T2	0	0	0	0	0	0	0.09	0.09	0	0	0	0	0	0
8/25/2023 8:15	58402 MORO_T1	0	0	0	0	0	0	-1.78	-1.75	3	3	0	2400	2400	0
8/25/2023 8:33	64802 MONE_T2	0	0	0	0	0	0	0.43	0.44	0	0	0	0	0	0
8/25/2023 8:35	61202 REIN_T1	38	19	-19	0.43	0.38	-0.05	0	0	0	0	0	0	0	0
8/25/2023 8:38	67204 TEHI_T2	0	0	0	0	0	0	0.09	0.11	0	0	0	0	0	0
8/25/2023 8:40	53601 DALM_T2	1	1	0	0.7	0.6	-0.1	-0.16	-0.02	0	0	0	0	0	0
8/25/2023 8:52	67204 TEHI_T2	0	0	0	0	0	0	0.11	0.04	0	0	0	0	0	0
8/25/2023 8:55	56802 BENV_T2	137	121	-16	0.27	0.23	-0.04	-1.29	-1.27	0	0	0	0	0	0
8/25/2023 8:56	45901 AUBU_T1	0	0	0	0	0	0	1.69	1.62	0	0	0	0	0	0
8/25/2023 9:15	61202 REIN_T1	12	27	15	0.43	0.37	-0.06	0	0	0	0	0	0	0	0
8/25/2023 9:21	14702 TREX_T2	0	0	0	0	0	0	0.82	0.83	0	0	0	0	0	0
8/25/2023 9:23	56802 BENV_T2	88	80	-8	0.19	0.18	-0.01	-1.25	-1.22	0	0	0	0	0	0
8/25/2023 9:31	42001 MNVL_T2	0	0	0	0	0	0	0.24	0.29	0	0	0	0	0	0
8/25/2023 9:42	15001 BLMO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8/25/2023 9:47	61202 REIN_T1	27	45	18	0.36	0.38	0.02	0	0	0	0	0	0	0	0
8/25/2023 9:48	41902 REED_T1	0	1	1	0	0	0	0	0	0	0	0	0	0	0
8/25/2023 9:50	61202 REIN_T1	27	45	18	0.36	0.38	0.02	0	0	0	0	0	0	0	0
8/25/2023 9:51	43304 WATS_T2	0	0	0	0	0	0	-0.31	-0.33	0	0	0	0	0	0
8/25/2023 9:52	29401 BELT_T1	7	69	62	0.11	0.27	0.16	0	0	0	0	0	0	0	0
8/25/2023 9:53	45902 AUBU_T1	0	0	0	0	0	0	-0.41	-0.49	1	1	0	600	600	0
8/25/2023 9:53	66504 SMAN_T2	0	0	0	0	0	0	-1.86	-1.85	2	2	0	2400	2400	0
8/25/2023 9:55	56802 BENV_T2	78	6	-72	0.17	0.3	0.13	-1.17	-1.16	0	0	0	0	0	0
8/25/2023 9:59	24105 EHAZ_T1	4	4	0	6.6	6.48	-0.12	0	0	0	0	0	0	0	0
8/25/2023 10:00	56803 BENV_T1	1	0	-1	2.4	0	-2.4	0.61	0.59	0	0	0	0	0	0
8/25/2023 10:00	10602 BLGL_T2	1	1	0	8	7.9	-0.1	1.46	1.56	0	0	0	0	0	0
8/25/2023 10:00	64801 MONE_T2	0	0	0	0	0	0	0.5	0.48	0	0	0	0	0	0
8/25/2023 10:00	67604 WARW_T1	0	0	0	0	0	0	0.19	0.22	0	0	0	0	0	0
8/25/2023 10:00	20401 ASHF_T2	0	0	0	0	0	0	0.04	0.05	1	1	0	600	600	0
8/25/2023 10:00	44502 HAMI_T2	2	1	-1	0.8	1.6	0.8	0.24	0.19	0	0	0	0	0	0
8/25/2023 10:00	56601 HAMP_T1	0	0	0	0	0	0

Appendix C - Grid Benefits Achieved in Each Instance of Active Management

8/25/2023 10:55	53501 EVIL_T2	0	1	1	0	0.1	0.1	-0.49	-0.56	2	2	0	1500	1500	0
8/25/2023 10:56	17805 GILB_T2	0	1	1	0	0	0	0.27	0.27	0	0	0	0	0	0
8/25/2023 11:01	16402 MOPO_T1	0	0	0	0	0	0	-0.07	-0.08	0	0	0	0	0	0
8/25/2023 11:07	56802 BENV_T2	2	5	3	0.65	0.43	-0.22	-1.07	-0.99	0	0	0	0	0	0
8/25/2023 11:10	10805 CHHI_T2	1	1	0	8.4	8.1	-0.3	-1.16	-1.21	2	2	0	1800	1800	0
8/25/2023 11:10	29401 BELT_T1	36	47	11	0.16	0.19	0.03	0	0	1	1	0	900	900	0
8/25/2023 11:13	56802 BENV_T2	2	5	3	0.65	0.43	-0.22	-1.07	-0.99	0	0	0	0	0	0
8/25/2023 11:18	58402 MORO_T1	0	0	0	0	0	0	-1.63	-1.61	3	3	0	2400	2400	0
8/25/2023 11:21	29401 BELT_T1	47	27	-20	0.19	0.19	0	0	0	1	1	0	900	900	0
8/25/2023 11:21	66703 STRA_T1	0	0	0	0	0	0	0.53	0.49	0	0	0	0	0	0
8/25/2023 11:21	65902 SAKR_T2	0	0	0	0	0	0	-0.34	-0.36	2	2	0	1200	1200	0
8/25/2023 11:23	56802 BENV_T2	4	2	-2	0.43	0.6	0.17	-0.99	-1.05	0	0	0	0	0	0
8/25/2023 11:26	10805 CHHI_T2	1	1	0	8.2	8.1	-0.1	-1.21	-1.18	2	2	0	1800	1800	0
8/25/2023 11:26	29402 BELT_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8/25/2023 11:27	45802 HEGI_T2	0	0	0	0	0	0	0.09	0.05	2	2	0	1200	1200	0
8/25/2023 11:29	63403 HONY_T2	0	0	0	0	0	0	0.49	0.53	1	1	0	600	600	0
8/25/2023 11:29	15603 NSTR_T2	0	0	0	0	0	0	-0.52	-0.54	0	0	0	0	0	0
8/25/2023 11:33	48302 ORWI_T2	2	2	0	0.95	0.85	-0.1	0	0	0	0	0	0	0	0
8/25/2023 11:34	43202 MVIL_T2	0	0	0	0	0	0	-0.54	-0.51	0	0	0	0	0	0
8/25/2023 11:37	56801 BENV_T1	1	9	8	0.2	0.44	0.24	0	0	0	0	0	0	0	0
8/25/2023 11:38	43301 WATS_T2	0	0	0	0	0	0	-0.41	-0.42	1	1	0	900	900	0
8/25/2023 11:39	59101 WALK_T2	2	3	1	1.4	0.3	-1.1	0.97	0.82	2	1	-1	1050	450	-600
8/25/2023 11:43	40101 HUNT_T2	1	1	0	0.1	0.4	0.3	-0.23	-0.25	0	0	0	0	0	0
8/25/2023 11:47	63201 MGTN_T2	0	0	0	0	0	0	0.93	1	1	1	0	600	600	0
8/25/2023 11:48	59301 MCAL_T1	2	2	0	0.5	0.6	0.1	-1.73	-1.74	1	1	0	600	600	0
8/25/2023 11:54	65901 SAKR_T2	0	0	0	0	0	0	-0.35	-0.32	2	2	0	1500	1500	0
8/25/2023 12:11	60101 COCA_T1	0	0	0	0	0	0	0.69	0.79	0	0	0	0	0	0
8/25/2023 12:14	52403 GRPA_T2	12	25	13	0.59	0.91	0.32	0.01	0.01	0	0	0	0	0	0
8/25/2023 13:01	54701 NEBL_T1	0	9	9	0	0.43	0.43	0	0	1	1	0	600	600	0
8/25/2023 13:04	14801 TREI_T2	0	0	0	0	0	0	0.74	0.73	0	0	0	0	0	0
8/25/2023 13:45	52403 GRPA_T2	4	3	-1	0.35	0.1	-0.25	0.15	0.13	0	0	0	0	0	0
8/25/2023 13:57	52403 GRPA_T2	4	3	-1	0.35	0.1	-0.25	0.13	-0.46	0	0	0	0	0	0
8/25/2023 14:04	44203 POIN_T2	8	17	9	0.53	0.38	-0.15	0.54	0.59	2	2	0	2100	2100	0
8/25/2023 14:11	45901 AUBU_T1	0	0	0	0	0	0	1.95	2.05	0	0	0	0	0	0
8/25/2023 14:12	62607 ENGL_T1	1	1	0	2.1	1.4	-0.7	0.01	0.01	1	1	0	300	300	0
8/25/2023 14:14	52401 GRPA_T2	0	1	1	0	0	0	-0.25	-0.22	0	0	0	0	0	0
8/25/2023 14:14	47901 HRDG_T1	0	0	0	0	0	0	1.12	0.56	1	1	0	1200	1200	0
8/25/2023 14:21	65602 QVIL_T2	1	2	1	1	0.5	-0.5	0	0	0	0	0	0	0	0
8/25/2023 14:21	43304 WATS_T2	1	1	0	1	0	-1	-0.59	-0.54	0	1	1	0	600	600
8/25/2023 14:24	67602 WARW_T2	0	1	1	0	0.1	0.1	0.69	0.8	2	2	0	1500	1500	0
8/25/2023 14:24	45602 WOOL_T1	0	0	0	0	0	0	0.97	0.97	0	0	0	0	0	0
8/25/2023 14:26	41602 CLEV_T1	0	2	2	0	0	0	0	0	1	1	0	600	600	0
8/25/2023 14:27	47901 HRDG_T1	0	0	0	0	0	0	0.56	0.85	1	1	0	1200	1200	0
8/25/2023 14:30	52401 GRPA_T2	0	1	1	0	0.2	0.2	0	0	0	0	0	0	0	0
8/25/2023 14:30	64801 MONE_T2	0	0	0	0	0	0	-0.01	-0.01	0	0	0	0	0	0
8/25/2023 14:32	56501 ROCK_T2	1	1	0	0.3	0.9	0.6	0	0	0	0	0	0	0	0
8/25/2023 14:34	65604 QVIL_T2	0	0	0	0	0	0	0.45	0.45	0	0	0	0	0	0
8/25/2023 14:35	56504 ROCK_T2	0	0	0	0	0	0	0.43	0.51	0	0	0	0	0	0
8/25/2023 14:36	43304 WATS_T2	1	2	1	0.5	0	-0.5	-0.54	-0.47	1	1	0	600	600	0
8/25/2023 14:40	41602 CLEV_T1	2	0	-2	0.15	0	-0.15	0	0	1	1	0	600	600	0
8/25/2023 14:49	60502 NMAN_T2	0	0	0	0	0	0	-0.01	-0.05	0	0	0	0	0	0
8/25/2023 15:06	65603 QVIL_T2	1	0	-1	2.1	0	-2.1	0	0	0	0	0	0	0	0
8/25/2023 15:11	60803 BUCK_T1	0	0	0	0	0	0	-0.46	-0.46	1	1	0	600	600	0
8/25/2023 15:16	43401 BENT_T1	5	0	-5	0.54	0	-0.54	0	0	0	0	0	0	0	0
8/25/2023 15:24	60701 BREC_T1	4	1	-3	0.5	0	-0.5	0.14	-0.06	2	2	0	1200	1200	0
8/25/2023 15:28	11104 EGYP_T1	8	9	1	1.53	1.58	0.05	1.16	1.19	0	0	0	0	0	0
8/25/2023 15:30	40902 JESH_T1	1	0	-1	0.3	0	-0.3	-0.74	-1.02	3	3	0	1800	1800	0
8/25/2023 15:37	45902 AUBU_T1	3	3	0	0.43	0	-0.43	-0.26	-0.25	1	1	0	600	600	0
8/25/2023 15:38	42201 SHEN_T2	0	0	0	0	0	0	0.23	0.25	1	1	0	600	600	0
8/25/2023 15:38	51107 CARL_T1	0	0	0	0	0	0	-0.49	-0.53	0	0	0	0	0	0
8/25/2023 15:38	59202 THOM_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8/25/2023 15:50	56504 ROCK_T2	0	7	7	0	0	0	0.63	0.42	0	0	0	0	0	0
8/25/2023 16:04	44201 POIN_T1	43	44	1	0.65	0.62	-0.03	-1.24	-1.25	2	2	0	2100	2100	0
8/25/2023 16:05	44703 MUNC_T2	0	1	1	0	0	0	1.17	1.16	0	0	0	0	0	0
8/25/2023 16:15	42701 AUGU_T1	7	36	29	1.03	0.68	-0.35	0	0	2	2	0	1800	1800	0
8/25/2023 16:29	44502 HAMI_T2	1	1	0	0.9	0.9	0	1.2	1.2	0	0	0	0	0	0
8/25/2023 16:36	55101 WERT_T1	22	28	6	0.28	0.34	0.06	-1.45	-1.54	4	4	0	3300	3300	0
8/25/2023 16:40	61202 REIN_T1	2	5	3	0.15	0.46	0.31	0	0	0	0	0	0	0	0
8/25/2023 16:52	55101 WERT_T1	28	26	-2	0.38	0.2	-0.18	-1.54	-1.72	4	4	0	3300	3300	0
8/25/2023 17:13	42701 AUGU_T1	37	38	1	0.66	0.49	-0.17	0	0	2	2	0	1800	1800	0
8/25/2023 17:13	62606 ENGL_T1	1	2	1	0.4	0.7	0.3	0	0	0	0	0	0	0	0
8/25/2023 17:25	55101 WERT_T1	9	17	8	0.2	0	-0.2	-1.59	-1.95	4	4	0	3300	3300	0
8/25/2023 17:30	52402 GRPA_T2	8	6	-2	1.01	1.5	0.49	0	0	0	0	0	0	0	0
8/25/2023 17:40	55101 WERT_T1	17	0	-17	0.34	0	-0.34	-1.95	-1.89	4	4	0	3300	3300	0
8/25/2023 18:25	61202 REIN_T1	19	41	22	0.37	0.51	0.14	0	0	0	0	0	0	0	0
8/25/2023 18:30	61202 REIN_T1	36	47	11	0.4	0.49	0.09	0	0	0	0	0	0	0	0
8/25/2023 20:04	41901 REED_T1	11	11	0	0.86	0.88	0.02	0	0	0	0	0	0	0	0
8/25/2023 20:11	28403 HART_T2	0	0	0	0	0	0	-0.33	-0.33	1	1	0	900	900	0
8/25/2023 20:11	29402 BELT_T1	310	354	44	1.14	1.28	0.14	0	0	0	0	0	0	0	0
8/25/2023 20:12	15001 BLMO_T1	0	1	1	0	0	0	0	0	0	0	0	0	0	0
8/25/2023 20:21	52502 PROG_T2	0	0	0	0	0	0	0.19	0.14	1	1	0	900	900	0
8/25/2023 20:22	20403 ASHF_T2	0	0	0	0	0	0	0.87	0.82	0	0	0	0	0	0
8/25/2023 20:23	66505 SMAN_T2	0	2	2	0	0	0	0.06	0.11	3	3	0	2100	2100	0
8/25/2023 20:24	67502 WEWI_T2	0	3	3	0	0	0	-0.92	-0.9	1	0	-1	900	0	-900
8/25/2023 20:27	41801 GOCI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8/25/2023 20:33	13503 MCMI_T2	0	0	0	0	0	0	0.23	0.22	0	0	0	0	0	0
8/25/2023 20:33	42902 MIDD_T2	0	0	0	0	0	0	-0.23	-0.12	0	0	0	0	0	0
8/25/2023 20:37	16302 ALPA_T2	0	0	0	0	0	0	-0.22	-0.17	0	0	0	0	0	0
8/25/2023 20:39	28604 BLYT_T2	0	0	0	0	0	0	-0.97	-1	0	0	0	0	0	0
8/25/2023 20:42	17804 GILB_T2	0	0	0	0	0	0	-0.39	-0.4	0	0	0	0	0	0
8/25/2023 20:51	16302 ALPA_T2	0	0	0	0	0	0	-0.17	-0.21	0	0	0	0	0	0
8/25/2023 20:52	56802 BENV_T2	1	0	-1	0.1	0	-0.1	-0.87	-0.9	0	0	0	0	0	0
8/25/2023 21:08	29401 BELT_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8/25/2023 21:36	43301 WATS_T2	1	1	0	0.3	0.9	0.6	-0.22	-0.25	1	1	0	900	900	0
8/25/2023 21:42	40101 HUNT_T2	0	2	2	0	0.8	0.8	-1.27	-0.96	0	0	0	0	0	0
8/25/2023 21:46	29402 BELT_T1	18	7	-11	0.29	0.2	-0.09	0	0	0	0	0	0	0	0
8/25/2023 21:50	47901 HRDG_T1	0	0	0	0	0	0	1.92	2.01	1	0	-1	1200	0	-1200
8/25/2023 21:50	60502 NMAN_T2	0	0	0	0	0	0	0.22	0.18	0	0	0	0	0	0
8/25/2023 21:51	44201 POIN_T1	9	3	-6	0.19	0	-0.19	-1.82	-1.69	2	2	0	2100	2100	0
8/25/2023 21:53	47901 HRDG_T1	0	0	0	0	0	0	1.92	2.01	0	0	0	0	0	0
8/25/2023 21:56	67602 WARW_T2	0	0	0	0	0	0	0.57	0.52	2	2	0	1500	1500	0
8/25/2023 21:58	43302 WATS_T2	0	3	3	0	0.13	0.13	0	0	0	0	0	0	0	0
8/25/2023 22:02	41602 CLEV_T1	0	0	0	0	0	0	0	0	1	1	0	600	600	0
8/25/2023 22:15	43402 BENT_T1	0	0	0	0	0	0	-0.82	-0.85	1	1	0	900	900	0
8/25/2023 22:29	43402 BENT_T1	0	0	0	0	0	0	-0.85	-0.86	1	1	0	900	900	0
8/25/2023 23:15	43402 BENT_T1	0	0	0	0	0	0	-0.87	-0.87	1	1	0	900	900	0
8/25/2023 23:29	43402 BENT_T1	0	0	0	0	0	0	-0.87	-0.86	1	1	0	900	900	0
8/26/2023 0:15	43402 BENT_T1	0	0	0	0	0	0	-0.88	-0.87	1	1	0	900	900	0
8/26/2023 0:28	52401 GRPA_T2	0	0	0	0	0	0	-0.41	-0.43	0	0	0	0	0	0
8/26/2023 0:28	59101 WALK_T2	1	1	0	0	0	0	2.13	2.22	2	2	0	900	900	0
8/26/2023 0:28	65901 SAKR_T2	0	0	0	0	0	0	-0.37	-0.41	1	1	0	900	900	0
8/26/2023 0:28	65902 SAKR_T2	0	0	0	0	0	0	-0.07	-0.06	1	1	0	300	300	0
8/26/2023 0:28	52402 GRPA_T2	1	2	1	3.2	1.8	-1.4	0	0	0	0	0	0	0	0
8/26/2023 0:28	56802 BENV_T2	0	1	1	0	0.2	0.2	-1.03	-1.02	0	0	0	0	0	0
8/26/2023 0:28	56801 BENV_T1	5	9	4	0.22	0.56	0.34	0	0	0	0	0	0	0	0
8/26/2023 0:28	45901 AUBU_T1	0	0	0	0	0	0	2	2.04	0	0	0	0	0	0
8/26/2023 0:28	11102 EGYP_T1	0	0	0	0	0	0	-0.19	-0.16	0	0	0	0	0	0
8/26/2023 0:28	67503 WEWI_T2	0	0	0	0	0	0	0.13	0.09	0	0	0	0	0	0
8/26/2023 0:28	44703 MUNC_T2	0	0	0	0	0	0	0.86	0.87	0	0	0	0	0	0
8/26/2023 0:28	62604 ENGL_T1	0	0	0	0	0	0	-1.31	-1.26	1	1	0	600	600	0
8/26/2023 0:28	57303 MOAL_T2	1	1	0	7.9	7.5	-0.4	0	0	0	0	0	0	0	0
8/26/2023 0:28	54001 SDLE_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8/26/2023 0:28	40902 JESH_T1	0	0	0	0	0	0	-0.51	-0.53	0	0	0	0	0	0
8/26/2023 0:28	41602 CLEV_T1	0	0	0	0	0	0	0	0	1	1	0	600	600	0
8/26/2023 0:28	42701 AUGU_T1	1	1	0	1.3	1.5	0.2	0	0	4	4	0	3600	3600	0
8/26/2023 0:28	28403 HART_T2	0	0	0	0	0	0	-0.61	-0.6	1	1	0	900	900	0
8/26/2023 0:28	60803 BUCK_T1	0	0	0	0	0	0	-1.26	-1.31	1	1	0	600	600	0
8/26/2023 0:28	43304 WATS_T2	0	0	0	0	0	0	-0.56	-0.58	0	0	0	0	0	0
8/26/2023 0:28	66505 SMAN_T2	0	0	0	0	0	0	0.16	0.08	2	2	0	1500	1500	0
8/26/2023 0:28	45902 AUBU_T1	0	0	0	0	0	0	-0.32	-0.37	0	0	0	0	0	0
8/26/2023 0:28	42201 SHEN_T2	0	0	0	0	0	0	0.09	0.08	1	1	0	600	600	0
8/26/2023 0:28	29402 BELT_T1	14	48	34	0.21	0.6	0.39	0	0	0	0	0	0	0	0
8/26/2023 0:28	11102 EGYP_T1	0	0	0	0	0	0	-0.19	-0.16	0	0	0	0	0	0
8/26/2023 0:28	65604 QVIL_T2	0	0	0	0	0	0	1.36	1.33	0	0	0	0	0	0
8/26/2023 0:28	44502 HAMI_T2	1	1	0	3	3.3	0.3	-0.09	-0.13	0	0	0	0	0	0
8/26/2023 0:28	64301 LINC_T1	0	0	0	0	0	0	-0.15	-0.22	1	1	0	600	600	0
8/26/2023 0:28	66703 STRA_T1	0	4	4	0	0.2	0.2	-0.05	0.03	0	0	0	0	0	0
8/26/2023 0:28	64801 MONE_T2	0	0	0	0	0	0	-0.33	-0.32	0	0	0	0	0	0
8/26/2023 0:28	59202 THOM_T1	0	6	6	0	0.12	0.12	0	0	0	0	0	0	0	0
8/26/2023 0:28	58402 MORO_T1	0	0	0	0	0	0	-1.86	-1.9	3	3	0	2400	2400	0
8/26/2023 0:28	63403 HONY_T2	0	0	0	0	0	0	0.44	0.43	0	0	0	0	0	0
8/26/2023 0:28	10805 CHHI_T2	1	1	0	8.3	8.4	0.1	-1.73	-1.87	2	2	0	1200	1200	0
8/26/2023 0:28	62604 ENGL_T1	0	0	0	0	0	0	-1.31	-1.26	1	1	0	600	600	0
8/26/2023 0:28	15601 NSTR_T2	0	3	3	0	0.3	0.3	0	0	0	0	0	0	0	0
8/26/2023 0:28	52401 GRPA_T2	0	0	0	0	0	0	-0.41	-0.43	0	0	0	0	0	0
8/26/2023 0:28	55101 WERT_T1	0	0	0	0	0	0	-8.01	-7.84	12	12	0	9600	9600	0
8/26/2023 0:28	45602 WOOL_T1	0	0	0	0	0	0	0.74	0.72	0	0	0	0	0	0
8/26/2023 0:28	44203 POIN_T2	0	0	0	0	0	0	0.32	0.16	1	1	0	900	900	0
8/26/2023 0:28	51107 CARL_T1	0	0	0	0	0	0	-1.2	-1.24	0	0	0	0	0	0
8/26/2023 0:28	48302 ORWI_T2	2	2	0	0.95	0.65	-0.3	-0.28	-0.36	0	0	0	0	0	0
8/26/2023 0:28	12701 MACU_T1	0	0	0	0	0	0	-1.1	0.16	1	0	-1	1200	0	-1200
8/26/2023 0:28	45802 HEGI_T2	0	0	0	0	0	0	0.2	0.09	0	0	0	0	0	0
8/26/2023 0:28	43202 MVIL_T2	0	0	0	0	0	0	-0.62	-0.61	0	0	0	0	0	0
8/26/2023 0:28	13501 MCMI_T1	0	0	0	0	0	0	0.25	0.24	0	0	0	0	0	0
8/26/2023 0:28	63201 MGTN_T2	0	0	0	0	0	0	0.58	0.57	1	1	0	600	600	0
8/26/2023 0:28	15001 BLMO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8/26/2023 0:28	16402 MOPO_T1	0	0	0	0	0	0	0.64	0.63	0	0	0	0	0	0
8/26/2023 0:28	17805 GILB_T2	0	0	0	0	0	0	0	-0.02	0	0	0	0	0	0
8/26/2023 0:29	43402 BENT_T1	0	0	0	0	0	0	-0.87	-0.89	1	1	0	900	900	0
8/26/2023 0:32	60101 COCA_T1	0	0	0	0	0	0	0.52	0.53	0	0	0	0	0	0
8/26/2023 0:37	56504 ROCK_T2	0	0	0	0	0	0	-0.13	-0.28	0	0	0	0	0	0
8/26/2023 0:39	56501 ROCK_T2	0	2	2	0	0.15	0.15	0	0	0	0	0	0	0	0
8/26/2023 0:39	53501 EVIL_T2	1	1	0	0.2	0.4	0.2	-0.56	-0.64	0	0	0	0	0	0
8/26/2023 0:41	56802 BENV_T2	0	1	1	0	0.2	0.2	-1.02	-1.07	0	0	0	0	0	0
8/26/2023 0:42	60701 BREC_T1	0	0	0	0	0	0	0.26	0.26	0	0	0	0	0	0
8/26/2023 0:50	56504 ROCK_T2	0	0	0	0	0	0	-0.28	-0.28	0	0	0	0	0	0
8/26/2023 0:50	56802 BENV_T2	1	1	0	0.2	0.2	0	-2.14	-2.11	0	0	0	0	0	0
8/26/2023 0:58	61202 REIN_T1	61	61	0	0.6	0.87	0.27	0	0	0	0	0	0	0	0
8/26/2023 1:25	61202 REIN_T1	61	61	0	0.87	1.03	0.16	0	0	0	0	0	0	0	0
8/26/2023 1:35	61202 REIN_T1	61	61	0	0.96	1.04	0.08	0	0	0	0	0	0	0	0
8/26/2023 1:37	43402 BENT_T1	0	0	0	0	0	0	-0.88	-0.89	1	1	0	900	900	0
8/26/2023 2:44	53501 EVIL_T2	0	1	1	0	0.1	0.1	-0.47	-0.44	0	0	0	0	0	0
8/26/2023 3:00	61202 REIN_T1	61	61	0	1.43	1.53	0.1	0	0	0	0	0	0	0	0
8/26/2023 6:25	61202 REIN_T1	61	61	0	1.11	1.17	0.06	0	0	0	0	0	0	0	0
8/26/2023 6:40	61202 REIN_T1	61	59	-2	1.16	0.9	-0.26	0	0	0	0	0	0	0	0
8/26/2023 7:30	61202 REIN_T1	48	55	7	0.33	0.43	0.1	0	0	0	0	0	0	0	0
8/26/2023 8:01	45802 HEGI_T2	0	0	0	0	0	0	0.63	0.4	1	1	0	300	300	0
8/26/2023 8:21	59101 WALK_T2	1	1	0	0	0	0	0.29	0.37	2	2	0	1050	1050	0
8/26/2023 8:26	43402 BENT_T1	0	0	0	0	0	0	-0.85	-0.85	1

Appendix C - Grid Benefits Achieved in Each Instance of Active Management

8/26/2023 10:17	63403 HONY_T2	0	0	0	0	0	0	0.32	-0.12	0	0	0	0	0	0
8/26/2023 10:19	58402 MORO_T1	0	0	0	0	0	0	-1.88	-1.83	3	3	0	2400	2400	0
8/26/2023 10:19	66505 SMAN_T2	1	0	-1	0.3	0	-0.3	-0.03	-0.1	3	4	1	2100	2300	200
8/26/2023 10:21	56501 ROCK_T2	0	0	0	0	0	0	-0.97	-1	0	0	0	0	0	0
8/26/2023 10:22	29401 BELT_T1	0	1	1	0	1	1	0	0	1	1	0	900	900	0
8/26/2023 10:24	44301 BEAV_T2	8	8	0	0.34	0.35	0.01	0	0	0	0	0	0	0	0
8/26/2023 10:25	42701 AUGU_T1	0	0	0	0	0	0	0	0	2	2	0	1800	1800	0
8/26/2023 10:26	28604 BLYT_T2	0	0	0	0	0	0	-1.07	-1.09	0	0	0	0	0	0
8/26/2023 10:29	43402 BENT_T1	0	0	0	0	0	0	-0.79	-0.82	1	1	0	900	900	0
8/26/2023 10:32	45001 LIME_2	0	1	1	0	0	0	0	0	0	0	0	0	0	0
8/26/2023 10:33	13503 MCMI_T2	0	0	0	0	0	0	0.21	0.22	0	0	0	0	0	0
8/26/2023 10:36	45601 WOOL_T1	1	0	-1	0.6	0	-0.6	0	0	0	0	0	0	0	0
8/26/2023 10:36	49804 UNIV_T1	0	0	0	0	0	0	1.09	1.05	0	0	0	0	0	0
8/26/2023 10:37	56803 BENV_T1	2	8	6	1.25	0.93	-0.32	0.16	0.24	1	1	0	600	600	0
8/26/2023 10:38	66505 SMAN_T2	0	0	0	0	0	0	-0.1	0.11	4	4	0	2300	2300	0
8/26/2023 10:39	11101 EGYP_T1	4	4	0	0.55	0.8	0.25	0	0	0	0	0	0	0	0
8/26/2023 10:40	60803 BUCK_T1	0	0	0	0	0	0	-0.82	-0.76	1	1	0	600	600	0
8/26/2023 10:41	29401 BELT_T1	0	1	1	0	1	1	0	0	1	1	0	900	900	0
8/26/2023 10:41	44302 BEAV_T2	183	133	-50	0.39	0.31	-0.08	0.4	0.4	0	0	0	0	0	0
8/26/2023 10:48	44201 POIN_T1	12	16	4	0.3	0.43	0.13	-2.12	-2.18	2	2	0	2100	2100	0
8/26/2023 10:49	42903 MIDD_T2	2	3	1	2.05	1.43	-0.62	0	0	0	0	0	0	0	0
8/26/2023 10:49	13501 MCMI_T1	0	0	0	0	0	0	0.39	0.41	0	0	0	0	0	0
8/26/2023 10:51	46302 ROHR_T1	6	6	0	0.27	0.32	0.05	0.31	0.33	0	0	0	0	0	0
8/26/2023 10:52	45902 AUBU_T1	0	0	0	0	0	0	-0.72	-0.7	1	1	0	600	600	0
8/26/2023 10:55	44302 BEAV_T2	122	111	-11	0.31	0.28	-0.03	0.4	0.4	0	0	0	0	0	0
8/26/2023 10:55	42701 AUGU_T1	0	1	1	0	0.1	0.1	0	0	2	2	0	1800	1800	0
8/26/2023 10:55	15001 BLMO_T1	0	2	2	0	0.2	0.2	0	0	0	0	0	0	0	0
8/26/2023 10:56	53601 DALM_T2	1	1	0	0.4	0.3	-0.1	0.14	0.14	0	0	0	0	0	0
8/26/2023 11:00	61202 REIN_T1	49	55	6	0.5	0.51	0.01	0	0	0	0	0	0	0	0
8/26/2023 11:02	64301 LINC_T1	0	0	0	0	0	0	-0.84	-0.77	1	1	0	600	600	0
8/26/2023 11:03	56504 ROCK_T2	0	0	0	0	0	0	0.27	0.3	0	0	0	0	0	0
8/26/2023 11:06	44201 POIN_T1	14	18	4	0.55	0.41	-0.14	-2.11	-1.96	2	2	0	2100	2100	0
8/26/2023 11:08	10805 CHHI_T2	13	29	16	1.47	1.18	-0.29	-0.15	-0.19	1	1	0	600	600	0
8/26/2023 11:10	16302 ALPA_T2	0	0	0	0	0	0	-0.15	-0.15	0	0	0	0	0	0
8/26/2023 11:11	41602 CLEV_T1	7	6	-1	0.84	0.6	-0.24	0	0	1	1	0	600	600	0
8/26/2023 11:17	47403 PENS_T1	0	1	1	0	2.7	2.7	0	0	0	0	0	0	0	0
8/26/2023 11:18	65603 QVIL_T2	1	1	0	8.7	8.2	-0.5	0	0	0	0	0	0	0	0
8/26/2023 11:19	57304 MOAL_T2	0	1	1	0	0	0	-0.47	-0.32	0	0	0	0	0	0
8/26/2023 11:20	56504 ROCK_T2	0	0	0	0	0	0	0.33	0.35	0	0	0	0	0	0
8/26/2023 11:21	16302 ALPA_T2	0	0	0	0	0	0	-0.15	-0.12	0	0	0	0	0	0
8/26/2023 11:25	29401 BELT_T1	1	1	0	0.7	0.5	-0.2	0	0	1	1	0	900	900	0
8/26/2023 11:26	10805 CHHI_T2	24	27	3	0.72	1.36	0.64	-0.19	-0.53	1	1	0	600	600	0
8/26/2023 11:26	62607 ENGL_T1	1	1	0	2.9	2.3	-0.6	0	0	0	0	0	0	0	0
8/26/2023 11:28	53501 EVIL_T2	0	0	0	0	0	0	-0.06	-0.04	0	0	0	0	0	0
8/26/2023 11:30	52402 GRPA_T2	4	4	0	0.78	0.93	0.15	0	0	0	0	0	0	0	0
8/26/2023 11:31	16402 MOPO_T1	3	0	-3	1.43	0	-1.43	-0.15	-0.14	0	0	0	0	0	0
8/26/2023 11:32	47401 PENS_T1	3	2	-1	0.6	0.3	-0.3	0.6	0.53	0	0	0	0	0	0
8/26/2023 11:36	67602 WARW_T2	0	2	2	0	0	0	0.63	0.69	2	2	0	1500	1500	0
8/26/2023 11:37	65603 QVIL_T2	1	1	0	8.3	8.2	-0.1	0	0	0	0	0	0	0	0
8/26/2023 11:45	52403 GRPA_T2	12	33	21	0.49	0.25	-0.24	0	0	0	0	0	0	0	0
8/26/2023 11:48	65205 PRIN_T1	1	1	0	1.8	1.7	-0.1	0	0	0	0	0	0	0	0
8/26/2023 11:53	15001 BLMO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8/26/2023 12:00	44502 HAMI_T2	1	1	0	1.4	1.6	0.2	0.23	0.21	0	0	0	0	0	0
8/26/2023 12:13	52401 GRPA_T2	3	2	-1	0.13	0	-0.13	0	0	0	0	0	0	0	0
8/26/2023 12:14	41801 GOCI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8/26/2023 12:16	47001 HUGH_T2	0	0	0	0	0	0	-1.14	-1.18	1	1	0	900	900	0
8/26/2023 12:39	15001 BLMO_T1	2	2	0	0.35	0.4	0.05	0	0	0	0	0	0	0	0
8/26/2023 12:43	62105 ELAN_T1	0	0	0	0	0	0	1.16	1.17	0	0	0	0	0	0
8/26/2023 13:01	40901 IESH_T1	1	1	0	1.8	1.8	0	0	0	0	0	0	0	0	0
8/26/2023 13:25	10801 CHHI_T1	27	57	30	0.75	0.65	-0.1	-1.15	-1.14	3	3	0	2100	2100	0
8/26/2023 13:30	61202 REIN_T1	5	4	-1	0.36	0.43	0.07	0	0	0	0	0	0	0	0
8/26/2023 13:41	15001 BLMO_T1	1	2	1	0.4	0.5	0.1	0	0	0	0	0	0	0	0
8/26/2023 13:51	65901 SAKR_T2	0	0	0	0	0	0	-0.29	-0.27	2	2	0	1500	1500	0
8/26/2023 13:58	44802 EDAN_T2	0	0	0	0	0	0	-2.88	-2.93	1	1	0	1200	1200	0
8/26/2023 14:00	15603 NSTR_T2	1	0	-1	0.3	0	-0.3	-0.36	-0.37	0	0	0	0	0	0
8/26/2023 14:03	13704 SCHN_T2	0	0	0	0	0	0	-0.16	-0.22	0	0	0	0	0	0
8/26/2023 14:11	61304 EARL_T1	0	1	1	0	0	0	0	0	0	0	0	0	0	0
8/26/2023 14:12	44802 EDAN_T2	0	0	0	0	0	0	-2.93	-2.9	1	1	0	1200	1200	0
8/26/2023 14:22	64101 REFR_T1	10	10	0	1.93	0.77	-1.16	0.7	0.71	0	0	0	0	0	0
8/26/2023 14:22	59101 WALK_T2	18	1	-17	0.44	0	-0.44	0.86	0.95	2	2	0	1050	1050	0
8/26/2023 14:23	43304 WATS_T2	0	3	3	0	0.2	0.2	-0.5	-0.54	0	0	0	0	0	0
8/26/2023 14:28	27102 GFLD_T2	0	1	1	0	0.1	0.1	0	0	0	0	0	0	0	0
8/26/2023 14:28	52402 GRPA_T2	3	9	6	1.93	0.98	-0.95	0	0	0	0	0	0	0	0
8/26/2023 14:28	52401 GRPA_T2	8	7	-1	0.34	0.35	0.01	-0.17	-0.2	0	0	0	0	0	0
8/26/2023 14:28	63401 HONY_T1	0	0	0	0	0	0	0.72	0.7	0	0	0	0	0	0
8/26/2023 14:29	53501 EVIL_T2	2	5	3	2.4	0.6	-1.8	0.06	0.07	0	0	0	0	0	0
8/26/2023 14:33	39601 LNFD_T1	0	19	19	0	1.73	1.73	0	0	1	1	0	900	900	0
8/26/2023 14:33	27502 WEIS_T2	0	731	731	0	1.35	1.35	-0.63	-0.15	0	0	0	0	0	0
8/26/2023 14:35	48302 ORWI_T2	0	1	1	0	0.1	0.1	-0.32	-0.28	0	0	0	0	0	0
8/26/2023 14:37	67204 TEHI_T2	0	0	0	0	0	0	0.24	0.25	0	0	0	0	0	0
8/26/2023 14:38	60803 BUCK_T1	0	1	1	0	0.2	0.2	-0.47	-0.39	1	1	0	600	600	0
8/26/2023 14:39	67503 WEWI_T2	9	30	21	0.16	0.13	-0.03	0.64	0.68	0	0	0	0	0	0
8/26/2023 14:41	53501 EVIL_T2	2	7	5	1.1	0.83	-0.27	0.07	0.03	0	0	0	0	0	0
8/26/2023 14:43	52401 GRPA_T2	6	4	-2	0.4	0.65	0.25	0	0	0	0	0	0	0	0
8/26/2023 14:47	47101 MARL_T1	31	33	2	1.33	0.66	-0.67	-0.22	-0.22	1	1	0	600	600	0
8/26/2023 14:49	57304 MOAL_T2	3	5	2	0.3	0.8	0.5	-0.58	-0.51	0	0	0	0	0	0
8/26/2023 14:49	50701 SMEC_T1	0	0	0	0	0	0	-1.81	-1.83	2	2	0	2100	2100	0
8/26/2023 14:50	44701 MUNC_T2	1	0	-1	0.3	0	-0.3	0	0	0	0	0	0	0	0
8/26/2023 14:52	60604 NCOL_T2	0	0	0	0	0	0	0.5	0.53	0	0	0	0	0	0
8/26/2023 14:53	50701 SMEC_T1	0	0	0	0	0	0	-1.81	-1.83	2	2	0	2100	2100	0
8/26/2023 15:04	13103 NHAM_T2	0	1	1	0	0	0	0	0	0	0	0	0	0	0
8/26/2023 15:11	62607 ENGL_T1	20	24	4	1.71	1.05	-0.66	0.02	0.02	1	1	0	300	300	0
8/26/2023 15:20	60501 NMAN_T2	3	3	0	4.3	4.47	0.17	0	0	0	0	0	0	0	0
8/26/2023 15:30	12701 MACU_T1	0	1	1	0	1	1	-0.7	-0.68	1	1	0	1200	1200	0
8/26/2023 15:44	17805 GILB_T2	0	0	0	0	0	0	-0.17	-0.2	0	0	0	0	0	0
8/26/2023 15:49	43201 MVIL_T2	7	10	3	0.7	0.82	0.12	0	0	0	0	0	0	0	0
8/26/2023 16:00	44505 HAMI_T2	0	4	4	0	0.2	0.2	0	0	0	0	0	0	0	0
8/26/2023 16:08	42701 AUGU_T1	4	6	2	0.73	0.5	-0.23	0	0	2	2	0	1800	1800	0
8/26/2023 16:12	52403 GRPA_T2	72	34	-38	0.63	0.46	-0.17	0	0	0	0	0	0	0	0
8/26/2023 16:30	52403 GRPA_T2	22	35	13	0.55	0.55	0	0	0	0	0	0	0	0	0
8/26/2023 16:45	45002 LIME_2	0	1	1	0	0	0	0.01	0.01	0	0	0	0	0	0
8/26/2023 16:56	55101 WERT_T1	0	0	0	0	0	0	-2.27	-2.34	4	4	0	3300	3300	0
8/26/2023 18:43	43402 BENT_T1	0	0	0	0	0	0	-0.77	-0.78	1	1	0	900	900	0
8/26/2023 19:13	61202 REIN_T1	11	40	29	0.39	0.39	0	0	0	0	0	0	0	0	0
8/26/2023 20:10	56803 BENV_T1	0	0	0	0	0	0	0.15	0.06	1	1	0	600	600	0
8/26/2023 20:14	63403 HONY_T2	0	0	0	0	0	0	-0.61	-0.66	0	0	0	0	0	0
8/26/2023 20:17	58402 MORO_T1	0	0	0	0	0	0	-1.84	-1.95	3	3	0	2400	2400	0
8/26/2023 20:26	28604 BLYT_T2	0	0	0	0	0	0	-1.07	-1.1	0	0	0	0	0	0
8/26/2023 20:30	45001 LIME_2	3	13	10	1.6	0.18	-1.42	0	0	0	0	0	0	0	0
8/26/2023 20:35	45602 WOOL_T1	0	0	0	0	0	0	0.92	0.89	0	0	0	0	0	0
8/26/2023 20:35	49804 UNIV_T1	1	1	0	2	0.7	-1.3	1.1	1.1	0	0	0	0	0	0
8/26/2023 20:38	56501 ROCK_T2	3	0	-3	0.1	0	-0.1	-1.85	-1.94	0	0	0	0	0	0
8/26/2023 20:40	60803 BUCK_T1	0	0	0	0	0	0	-0.81	-0.86	1	1	0	600	600	0
8/26/2023 20:41	29401 BELT_T1	1	0	-1	0.2	0	-0.2	0	0	1	1	0	900	900	0
8/26/2023 20:41	56803 BENV_T1	0	1	1	0	0.1	0.1	0.11	0.04	1	1	0	600	600	0
8/26/2023 20:47	13501 MCMI_T1	0	0	0	0	0	0	0.7	0.67	0	0	0	0	0	0
8/26/2023 20:47	44201 POIN_T1	4	0	-4	0.18	0	-0.18	-0.89	-1	1	1	0	900	900	0
8/26/2023 20:49	46302 ROHR_T1	1	3	2	0.2	0.37	0.17	0.28	0.3	0	0	0	0	0	0
8/26/2023 20:53	44302 BEAV_T2	73	120	47	0.32	0.35	0.03	0.41	0.4	0	0	0	0	0	0
8/26/2023 20:54	15001 BLMO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8/26/2023 20:55	42701 AUGU_T1	0	0	0	0	0	0	0	0	2	2	0	1800	1800	0
8/26/2023 21:01	61202 REIN_T1	34	57	23	0.39	0.65	0.26	0	0	0	0	0	0	0	0
8/26/2023 21:02	64305 LINC_T1	1	1	0	0.7	0.5	-0.2	0	0	0	0	0	0	0	0
8/26/2023 21:06	56501 ROCK_T2	0	10	10	0	0.13	0.13	0	0	0	0	0	0	0	0
8/26/2023 21:14	60101 COCA_T1	0	0	0	0	0	0	-0.55	-0.56	1	1	0	1200	1200	0
8/26/2023 21:25	53501 EVIL_T2	0	1	1	0	0.3	0.3	-0.29	-0.3	0	0	0	0	0	0
8/26/2023 21:26	62607 ENGL_T1	1	2	1	5	4.4	-0.6	0	0	0	0	0	0	0	0
8/26/2023 21:26	29402 BELT_T1	1	4	3	0.1	0.13	0.03	0	0	0	0	0	0	0	0
8/26/2023 21:30	16402 MOPO_T1	0	0	0	0	0	0	-0.53	-0.53	1	1	0	1200	1200	0
8/26/2023 21:31	52402 GRPA_T2	1	2	1	3.7	2.2	-1.5	0	0	0	0	0	0	0	0
8/26/2023 21:32	66505 SMAN_T2	0	0	0	0	0	0	-0.15	-0.14	3	3	0	2100	2100	0
8/26/2023 21:35	47402 PENS_T1	0	1	1	0	0	0	0	0	0	0	0	0	0	0
8/26/2023 21:43	15603 NSTR_T2	0	0	0	0	0	0	-0.43	-0.41	0	0	0	0	0	0
8/26/2023 21:43	27101 GFLD_T2	1	1	0	0	0	0	0.48	0.46	0	0	0	0	0	0
8/26/2023 21:44	60801 BUCK_T1	0	11	11	0	0.22	0.22	0	0	0	0	0	0	0	0
8/26/2023 21:46	15001 BLMO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8/26/2023 21:46	52401 GRPA_T2	0	1	1	0	0.3	0.3	-0.35	-0.35	0	0	0	0	0	0
8/26/2023 21:46	17805 GILB_T2	0	0	0	0	0	0	0.25	0.22	0	0	0	0	0	0
8/26/2023 21:48	60502 NMAN_T2	0	0	0	0	0	0	0.13	0.06	0	0	0	0	0	0
8/26/2023 21:48	55101 WERT_T1	0	0	0	0	0	0	-1.8	-1.77	3	3	0	2400	2400	0
8/26/2023 21:48	61301 EARL_T1	0	0	0	0	0	0	-0.68	-0.66	1	1	0	900	900	0
8/26/2023 21:49	39601 LNFD_T1	0	0	0	0	0	0	0	0	1	1	0	900	900	0
8/26/2023 21:50	15001 BLMO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8/26/2023 21:50	13704 SCHN_T2	0	0	0	0	0	0	0.22	0.22	0	0	0	0	0	0
8/26/2023 21:50	62606 ENGL_T1	5	1	-4	0.32	0.1	-0.22	0	0	0	0	0	0	0	0
8/26/2023 21:50	53601 DALM_T2	1	1	0	1	0.9	-0.1	-0.42	-0.39	0	0	0	0	0	0
8/26/2023 21:51	52404 GRPA_T2	0	0	0	0	0	0	-0.11	-0.13	0	0	0	0	0	0
8/26/2023 21:51	50701 SMEC_T1	0	0	0	0	0	0	-0.21	-0.22	0	0	0	0	0	0
8/26/2023 21:54	52402 GRPA_T2	1	2	1	4.1	2.5	-1.6	0	0	0	0	0	0	0	0
8/26/2023 21:54	57304 MOAL_T2	10	1	-9	0.22	0.5	0.28	-0.44	-0.24	0	0	0	0	0	0
8/26/2023 21:55	47002 HUGH_T2	2	1	-1	0.15	0.1	-0.05	0	0	0	0	0	0	0	0
8/26/2023 21:56	12701 MACU_T1	1	1	0	0.4	1.3	0.9	-0.99	-0.99	1	1	0	1200	1200	0
8/26/2023 21:57	43202 MVIL_T2	0	0	0	0	0	0	-0.57	-0.57	0	0	0	0	0	0
8/26/2023 21:58	52401 GRPA_T2	0	1	1	0	0.3	0.3	-0.35	-0.37	0	0	0	0	0	0
8/26/2023 21:58	52402 GRPA_T2	1	2	1	4.1	2.5	-1.6	0	0	0	0	0	0	0	0
8/26/2023 21:59	43304 WATS_T2	0	1	1	0	0	0	-0.76	-0.79	0	0	0	0	0	0
8/26/2023 22:00	40902 IESH_T1	0	0	0	0	0	0	-1.26	-1.22	1	1	0	600	600	0
8/26/2023 22:01	52401 GRPA_T2	0	1	1	0	0.3	0.3	0	0	0	0	0	0	0	0
8/26/2023 22:01	59101 WALK_T2	1	1	0	0	0	0	0.94	0.84	2	2	0	1050	1050	0
8/26/2023 22:05	53501 EVIL_T2	1	0	-1	0.2	0	-0.2	-0.34	-0.34	0	0	0	0	0	0
8/27/2023 0:28	63404 HONY_T1	2	2	0	8.6	8.9	0.3	0	0	0	0	0	0	0	0
8/27/2023 0:28	66505 SMAN_T2	0	0	0	0	0	0	0.6	0.44	1	1	0	900	900	0
8/27/2023 0:28	44802 EDAN_T2	0	0	0	0	0	0	-4.21	-4.22	0	0	0	0	0	0
8/27/2023 0:28	61202 REIN_T1	61	62	1	1.51	1.68	0.17	0	0	0	0	0	0	0	0
8/27/2023 0:28	41801 GOCI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8/27/2023 0:28	65205 PRIN_T1	1	1	0	1.1	1.4	0.3	0	0	0	0	0	0	0	0
8/27/2023 0:28	27502 WEIS_T2	0	0	0	0	0	0	-0.58	-0.6	0	0	0	0	0	0
8/27/2023 0:28	42902 MIDD_T2	44	106	62	0.26	0.37	0.11	-0.53	-0.56	0	0	0	0	0	0
8/27/2023 0:28	48302 ORWI_T2	2	2	0	0.8	1.1	0.3	-0.12	-0.18	0	0	0	0	0	0
8/27/2023 0:28	15001 BLMO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8/27/2023 0:28	57304 MOAL_T2	24	41	17	0.21	0.39	0.18	-0.76	-0.78	0	0	0	0	0	0
8/27/2023 0:28	29402 BELT_T1	51	99	48	0.55	0.73	0.18	0	0	0	0	0	0	0	0
8/27/2023 0:28	44201 POIN_T1	46	40	-6	0.44	0.24	-0.2	-3.14	-3.13	2	2	0	1800	1800	0
8/27/2023 0:28	47401 PENS_T1	0	0	0	0	0	0	2.34	2.3	0	0	0	0	0	0
8/27/2023 0:28	44502 HAMI_T2	1	1	0	2.7	2.9	0.2	-0.58	-0.67	0	0	0	0	0	0
8/27/2023 0:28	65603 QVIL_T2	1	1	0	7.6	7.6	0	0	0	0	0	0	0	0	0
8/27/2023 0:28	29402 BELT_T1	51	99	48	0.55	0.73	0.18	0	0	0	0	0	0	0	0
8/27/2023 0:28	17803 GILB_T2	0	1	1	0	0.1	0.1	0	0	0	0	0	0	0	0
8/27/2

Appendix C - Grid Benefits Achieved in Each Instance of Active Management

8/27/2023 10:00	52401 GRPA_T2	0	0	0	0	0	0	-0.51	-0.48	0	0	0	0	0	0
8/27/2023 10:00	56601 HAMP_T1	0	0	0	0	0	0	-0.04	-0.05	0	0	0	0	0	0
8/27/2023 10:00	16402 MOPO_T1	0	0	0	0	0	0	-0.37	-0.35	0	0	0	0	0	0
8/27/2023 10:00	10602 BLGL_T2	1	1	0	9.3	9.6	0.3	0.4	0.56	0	0	0	0	0	0
8/27/2023 10:00	15604 NSTR_T1	0	0	0	0	0	0	0.12	0.13	0	0	0	0	0	0
8/27/2023 10:00	67604 WARW_T1	0	0	0	0	0	0	0.19	0.21	0	0	0	0	0	0
8/27/2023 10:00	20401 ASHF_T2	0	0	0	0	0	0	0.03	0.1	1	1	0	600	600	0
8/27/2023 10:00	52503 PROG_T2	0	0	0	0	0	0	-0.4	-0.36	1	1	0	900	900	0
8/27/2023 10:00	12604 MACA_T1	0	0	0	0	0	0	0.61	0.62	0	0	0	0	0	0
8/27/2023 10:07	66505 SMAN_T2	0	0	0	0	0	0	0.16	0.11	3	3	0	2100	2100	0
8/27/2023 10:08	56803 BENV_T1	0	2	2	0	1.65	1.65	0.55	0.56	0	0	0	0	0	0
8/27/2023 10:09	43304 WATS_T2	0	0	0	0	0	0	-0.76	-0.75	0	0	0	0	0	0
8/27/2023 10:10	44802 EDAN_T2	0	0	0	0	0	0	-1.95	-1.93	0	0	0	0	0	0
8/27/2023 10:17	12701 MACU_T1	0	-1	1	0	0	0	0.29	0.29	0	0	0	0	0	0
8/27/2023 10:19	61202 REIN_T1	6	58	52	0.23	0.61	0.38	0	0	0	0	0	0	0	0
8/27/2023 10:21	66505 SMAN_T2	0	0	0	0	0	0	0.11	0.47	3	3	0	2100	2100	0
8/27/2023 10:22	41602 CLEV_T1	0	0	0	0	0	0	0	0	1	1	0	600	600	0
8/27/2023 10:23	67204 TEHI_T2	0	0	0	0	0	0	-0.05	-0.03	0	0	0	0	0	0
8/27/2023 10:24	56801 BENV_T1	1	1	0	0.1	0.6	0.5	0	0	0	0	0	0	0	0
8/27/2023 10:24	28604 BLYT_T2	0	0	0	0	0	0	-1.21	-1.18	0	0	0	0	0	0
8/27/2023 10:25	29401 BELT_T1	0	1	1	0	0.1	0.1	0	0	0	0	0	0	0	0
8/27/2023 10:25	15001 BLMO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8/27/2023 10:28	11104 EGYP_T1	5	6	1	0.26	0.18	-0.08	0.95	0.98	0	0	0	0	0	0
8/27/2023 10:30	28403 HART_T2	0	0	0	0	0	0	-0.45	-0.46	1	1	0	900	900	0
8/27/2023 10:30	52402 GRPA_T2	1	1	0	2.4	2.4	0	0	0	0	0	0	0	0	0
8/27/2023 10:31	40101 HUNT_T2	0	0	0	0	0	0	-0.63	-0.6	0	0	0	0	0	0
8/27/2023 10:38	41602 CLEV_T1	0	0	0	0	0	0	0	0	1	1	0	600	600	0
8/27/2023 10:39	45602 WOOL_T1	0	0	0	0	0	0	0.71	0.69	0	0	0	0	0	0
8/27/2023 10:40	11102 EGYP_T1	3	3	0	1	0.93	-0.07	0	0	0	0	0	0	0	0
8/27/2023 10:41	44802 EDAN_T2	0	0	0	0	0	0	-1.93	-1.9	0	0	0	0	0	0
8/27/2023 10:46	64801 MONE_T2	1	1	0	0.6	0.6	0	-0.22	-0.2	0	0	0	0	0	0
8/27/2023 10:47	54001 SDLE_T1	2	2	0	0.25	0.1	-0.15	0	0	1	1	0	600	600	0
8/27/2023 10:51	48302 ORWI_T2	2	3	1	0.3	0.33	0.03	0.04	0.11	0	0	0	0	0	0
8/27/2023 10:51	54001 SDLE_T1	2	2	0	0.25	0.1	-0.15	0	0	1	1	0	600	600	0
8/27/2023 10:54	42201 SHEN_T2	0	0	0	0	0	0	0.84	0.81	0	0	0	0	0	0
8/27/2023 10:55	29402 BELT_T1	34	137	103	0.34	1.05	0.71	0	0	0	0	0	0	0	0
8/27/2023 10:55	60803 BUCK_T1	0	0	0	0	0	0	-1.05	-1	1	1	0	600	600	0
8/27/2023 10:56	10805 CHHI_T2	2	2	0	4.65	9	4.35	-0.74	-0.76	1	1	0	600	600	0
8/27/2023 10:57	28403 HART_T2	0	0	0	0	0	0	-0.43	-0.44	1	1	0	900	900	0
8/27/2023 10:59	63403 HONY_T2	0	0	0	0	0	0	-0.2	-0.21	1	1	0	600	600	0
8/27/2023 11:06	59101 WALK_T2	1	1	0	0	0	0	0.85	0.87	1	2	1	450	1050	600
8/27/2023 11:06	54001 SDLE_T1	1	2	1	0.1	0.35	0.25	0	0	1	1	0	600	600	0
8/27/2023 11:10	29402 BELT_T1	49	252	203	0.43	1.49	1.06	0	0	0	0	0	0	0	0
8/27/2023 11:11	67503 WEWI_T2	0	0	0	0	0	0	0.25	0.26	0	0	0	0	0	0
8/27/2023 11:12	10805 CHHI_T2	1	2	1	9.1	4.6	-4.5	-0.76	-0.72	1	1	0	600	600	0
8/27/2023 11:12	17804 GILB_T2	1	1	0	1.3	1.1	-0.2	-0.37	-0.36	0	0	0	0	0	0
8/27/2023 11:13	52004 LING_T2	1	2	1	1.2	1.1	-0.1	0.34	0.39	0	0	0	0	0	0
8/27/2023 11:17	42903 MIDD_T2	2	2	0	1.7	1.7	0	0	0	0	0	0	0	0	0
8/27/2023 11:21	63404 HONY_T1	4	2	-2	3.9	7.65	3.75	0	0	0	0	0	0	0	0
8/27/2023 11:22	59101 WALK_T2	1	2	1	0	0	0	0.87	0.86	2	2	0	1050	1050	0
8/27/2023 11:23	60803 BUCK_T1	0	0	0	0	0	0	-0.95	-0.88	1	1	0	600	600	0
8/27/2023 11:24	29401 BELT_T1	1	4	3	0.4	0.35	-0.05	0	0	1	1	0	900	900	0
8/27/2023 11:24	20403 ASHF_T2	0	1	1	0	0.1	0.1	0.55	0.57	0	0	0	0	0	0
8/27/2023 11:25	61301 EARL_T1	0	0	0	0	0	0	-1.33	-1.29	2	2	0	1800	1800	0
8/27/2023 11:27	64305 LINC_T1	0	1	1	0	0	0	0	0	0	0	0	0	0	0
8/27/2023 11:29	17805 GILB_T2	0	0	0	0	0	0	0.31	0.36	0	0	0	0	0	0
8/27/2023 11:29	52403 GRPA_T2	10	3	-7	0.56	0.65	0.09	-0.25	-0.26	0	0	0	0	0	0
8/27/2023 11:38	44904 SCOT_T1	0	0	0	0	0	0	0.08	0.1	0	0	0	0	0	0
8/27/2023 11:39	45302 WBER_T2	1	0	-1	0.2	0	-0.2	1.33	1.33	0	0	0	0	0	0
8/27/2023 11:41	67502 WEWI_T2	0	0	0	0	0	0	-0.89	-0.85	1	1	0	900	900	0
8/27/2023 11:42	60101 COCA_T1	0	0	0	0	0	0	0.76	0.83	0	0	0	0	0	0
8/27/2023 11:49	52403 GRPA_T2	2	9	7	0.65	0.85	0.2	-0.21	-0.26	0	0	0	0	0	0
8/27/2023 11:51	45902 AUBU_T1	0	0	0	0	0	0	-0.79	-0.78	1	1	0	600	600	0
8/27/2023 11:52	43304 WATS_T2	0	2	2	0	0	0	-0.76	-0.75	0	0	0	0	0	0
8/27/2023 11:57	41602 CLEV_T1	1	3	2	0.7	0	-0.7	0	0	1	1	0	600	600	0
8/27/2023 12:23	53601 DALM_T2	0	1	1	0	0.2	0.2	0.12	0.18	0	0	0	0	0	0
8/27/2023 12:25	62105 ELAN_T1	0	2	2	0	0.2	0.2	1.07	1.13	0	0	0	0	0	0
8/27/2023 12:49	67602 WARW_T2	0	1	1	0	0.2	0.2	0.51	0.54	1	1	0	300	300	0
8/27/2023 13:04	65604 QVIL_T2	4	29	25	0.58	0.46	-0.12	0.81	0.8	0	0	0	0	0	0
8/27/2023 13:05	65902 SAKR_T2	0	0	0	0	0	0	-0.14	-0.14	1	1	0	300	300	0
8/27/2023 13:07	24901 WHHA_T1	0	0	0	0	0	0	0.84	0.89	0	0	0	0	0	0
8/27/2023 13:37	67602 WARW_T2	1	0	-1	0.1	0	-0.1	0.56	0.62	1	1	0	300	300	0
8/27/2023 13:37	45003 LIME_2	2	2	0	1.6	1.7	0.1	0	0	1	1	0	1200	1200	0
8/27/2023 13:37	65901 SAKR_T2	0	0	0	0	0	0	-0.32	-0.31	2	2	0	1500	1500	0
8/27/2023 13:39	44301 BEAV_T2	6	7	1	0.82	0.22	-0.6	0	0	0	0	0	0	0	0
8/27/2023 13:41	56504 ROCK_T2	10	8	-2	0.76	0.26	-0.5	0.31	0.32	0	0	0	0	0	0
8/27/2023 13:53	45003 LIME_2	2	1	-1	1.6	3.3	1.7	0	0	1	1	0	1200	1200	0
8/27/2023 14:06	49803 UNIV_T1	1	0	-1	1.2	0	-1.2	0	0	0	0	0	0	0	0
8/27/2023 14:09	42701 AUGU_T1	0	0	0	0	0	0	0	0	2	2	0	1800	1800	0
8/27/2023 14:16	53501 EVIL_T2	0	0	0	0	0	0	-0.05	-0.09	0	0	0	0	0	0
8/27/2023 14:21	52502 PROG_T2	1	0	0	2.4	0	-2.4	0.23	0.25	1	1	0	900	900	0
8/27/2023 14:37	17902 BART_T2	0	0	0	0	0	0	0.12	0.11	0	0	0	0	0	0
8/27/2023 14:44	24105 EHAZ_T1	4	4	0	6.03	6.1	0.07	0	0	0	0	0	0	0	0
8/27/2023 15:03	65205 PRIN_T1	1	1	0	1.8	1.7	-0.1	0	0	0	0	0	0	0	0
8/27/2023 15:43	47901 HRDG_T1	0	0	0	0	0	0	0.59	0.56	1	1	0	1200	1200	0
8/28/2023 0:28	28403 HART_T2	0	0	0	0	0	0	-1.17	-1.16	2	2	0	1800	1800	0
8/28/2023 0:28	44302 BEAV_T2	289	330	41	0.48	0.5	0.02	0.23	0.22	0	0	0	0	0	0
8/28/2023 0:28	20403 ASHF_T2	0	0	0	0	0	0	0.19	0.18	0	0	0	0	0	0
8/28/2023 0:28	46004 BERW_T2	0	0	0	0	0	0	-0.42	-0.42	0	0	0	0	0	0
8/28/2023 0:28	44203 POIN_T2	0	0	0	0	0	0	0.43	0.39	1	1	0	900	900	0
8/28/2023 0:28	56801 BENV_T1	18	23	5	0.46	0.8	0.34	-0.64	-0.64	1	1	0	600	600	0
8/28/2023 0:28	11104 EGYP_T1	0	0	0	0	0	0	1.31	1.19	0	0	0	0	0	0
8/28/2023 0:28	12701 MACU_T1	0	0	0	0	0	0	0.13	0.11	0	0	0	0	0	0
8/28/2023 0:28	55101 WERT_T1	0	0	0	0	0	0	-5.97	-6.45	10	10	0	7500	7500	0
8/28/2023 0:28	44502 HAMI_T2	1	1	0	3.6	3.8	0.2	-0.34	-0.4	0	0	0	0	0	0
8/28/2023 0:28	44201 POIN_T1	0	0	0	0	0	0	-1.43	-1.44	1	1	0	900	900	0
8/28/2023 0:28	29401 BELT_T1	0	0	0	0	0	0	0	0	3	3	0	2700	2700	0
8/28/2023 0:28	29402 BELT_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8/28/2023 0:28	52403 GRPA_T2	0	0	0	0	0	0	-0.99	-0.97	0	0	0	0	0	0
8/28/2023 0:28	45302 WBER_T2	0	0	0	0	0	0	1.08	1.08	0	0	0	0	0	0
8/28/2023 0:28	17804 GILB_T2	0	0	0	0	0	0	-0.49	-0.51	0	0	0	0	0	0
8/28/2023 0:28	44904 SCOT_T1	0	0	0	0	0	0	0.69	0.68	0	0	0	0	0	0
8/28/2023 0:28	52401 GRPA_T2	0	1	1	0	0.5	0.5	-0.52	-0.51	0	0	0	0	0	0
8/28/2023 0:28	47901 HRDG_T1	0	0	0	0	0	0	0.24	0.26	1	1	0	1200	1200	0
8/28/2023 0:28	17804 GILB_T2	0	0	0	0	0	0	-0.49	-0.51	0	0	0	0	0	0
8/28/2023 0:28	45902 AUBU_T1	0	0	0	0	0	0	-0.84	-0.87	1	1	0	600	600	0
8/28/2023 0:28	60701 BREC_T1	0	0	0	0	0	0	-0.38	-0.39	1	1	0	600	600	0
8/28/2023 0:28	48302 ORWI_T2	2	2	0	0.8	0.9	0.1	-0.18	-0.2	0	0	0	0	0	0
8/28/2023 0:28	46302 ROHR_T1	3	3	0	1.47	1.57	0.1	0.15	0.16	0	0	0	0	0	0
8/28/2023 0:28	61202 REIN_T1	61	61	0	0.9	1.09	0.19	0	0	0	0	0	0	0	0
8/28/2023 0:28	65604 QVIL_T2	0	0	0	0	0	0	0.39	0.42	0	0	0	0	0	0
8/28/2023 0:28	52401 GRPA_T2	0	1	1	0	0.5	0.5	-0.52	-0.51	0	0	0	0	0	0
8/28/2023 0:28	65205 PRIN_T1	1	1	0	1.6	1.7	0.1	0	0	0	0	0	0	0	0
8/28/2023 0:28	56801 BENV_T1	18	23	5	0.46	0.8	0.34	-0.64	-0.64	1	1	0	600	600	0
8/28/2023 0:28	17902 BART_T2	0	0	0	0	0	0	0.04	0.04	0	0	0	0	0	0
8/28/2023 0:28	53601 DALM_T2	1	1	0	0.4	0.5	0.1	1.49	1.54	0	0	0	0	0	0
8/28/2023 0:28	56504 ROCK_T2	0	0	0	0	0	0	0.02	0.01	0	0	0	0	0	0
8/28/2023 0:28	65901 SAKR_T2	0	0	0	0	0	0	-0.38	-0.4	1	1	0	900	900	0
8/28/2023 0:28	10805 CHHI_T2	1	1	0	8.5	8.4	-0.1	-1.5	-1.48	2	2	0	1200	1200	0
8/28/2023 0:28	43402 BENT_T1	0	0	0	0	0	0	-0.93	-0.93	1	1	0	900	900	0
8/28/2023 0:28	60803 BUCK_T1	0	0	0	0	0	0	-2.7	-2.76	2	2	0	1200	1200	0
8/28/2023 0:28	42902 MIDD_T2	167	198	31	0.44	0.48	0.04	-0.52	-0.52	0	0	0	0	0	0
8/28/2023 0:28	45003 LIME_2	2	2	0	2.55	2.9	0.35	0	0	0	0	0	0	0	0
8/28/2023 0:28	62607 ENGL_T1	0	0	0	0	0	0	0.01	0.01	1	1	0	300	300	0
8/28/2023 0:28	28604 BLYT_T2	0	0	0	0	0	0	-1.29	-1.31	0	0	0	0	0	0
8/28/2023 0:28	52502 PROG_T2	0	0	0	0	0	0	-0.36	-0.38	1	1	0	900	900	0
8/28/2023 0:28	60101 COCA_T1	0	0	0	0	0	0	0.49	0.47	0	0	0	0	0	0
8/28/2023 0:28	57303 MOAL_T2	1	1	0	8	7.9	-0.1	0	0	0	0	0	0	0	0
8/28/2023 0:28	63402 HONY_T2	1	1	0	0.6	0.8	0.2	0	0	0	0	0	0	0	0
8/28/2023 0:28	67502 WEWI_T2	0	0	0	0	0	0	-1.27	-1.26	1	1	0	900	900	0
8/28/2023 0:28	44801 EDAN_T2	1	1	0	0.4	0	-0.4	0	0	0	0	0	0	0	0
8/28/2023 0:28	65901 SAKR_T2	0	0	0	0	0	0	-0.38	-0.4	1	1	0	900	900	0
8/28/2023 0:28	61301 EARL_T1	0	0	0	0	0	0	-0.73	-0.78	1	1	0	900	900	0
8/28/2023 0:28	64305 LINC_T1	1	0	-1	0.2	0	-0.2	0	0	0	0	0	0	0	0
8/28/2023 0:28	40101 HUNT_T2	76	101	25	0.36	0.36	0	-0.63	-0.63	0	0	0	0	0	0
8/28/2023 0:28	42201 SHEN_T2	0	0	0	0	0	0	0.12	0.12	1	1	0	600	600	0
8/28/2023 0:28	45802 HEGI_T2	0	0	0	0	0	0	0.3	0.3	0	0	0	0	0	0
8/28/2023 0:28	52004 LING_T2	1	1	0	0.2	0	-0.2	-0.04	0	0	0	0	0	0	0
8/28/2023 0:28	59202 THOM_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8/28/2023 0:28	59101 WALK_T2	1	1	0	0	0	0	5.07	5.36	0	0	0	0	0	0
8/28/2023 0:28	41602 CLEV_T1	0	0	0	0	0	0	0	0	2	2	0	1200	1200	0
8/28/2023 0:28	13704 SCHN_T2	0	0	0	0	0	0	-0.26	-0.26	0	0	0	0	0	0
8/28/2023 0:28	45602 WOOL_T1	1	2	1	0.2	0.3	0.1	0.56	0.52	0	0	0	0	0	0
8/28/2023 0:28	55102 WERT_T2	0	0	0	0	0	0	-1.47	-1.46	0	0	0	0	0	0
8/28/2023 0:28	41801 GOCI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8/28/2023 0:28	50701 SMIC_T1	0	0	0	0	0	0	-1.5	-1.57	1	1	0	900	900	0
8/28/2023 0:28	47001 HUGH_T2	0	0	0	0	0	0	-0.65	-0.69	0	0	0	0	0	0
8/28/2023 0:28	64801 MONE_T2	0	0	0	0	0	0	-0.5	-0.51	0	0	0	0	0	0
8/28/2023 0:28	64101 REFR_T1	0	0	0	0	0	0	0.62	0.58	0	0	0	0	0	0
8/28/2023 0:28	28704 HAML_T2	1	1	0	0.6	0.8	0.2	0	0	0	0	0	0	0	0
8/28/2023 0:28	56504 ROCK_T2	0	0	0	0	0	0	0.02	0.01	0	0	0	0	0	0
8/28/2023 0:28	14403 SSLA_T1	0	0	0	0	0	0	1.58	1.56	0	0	0	0	0	0
8/28/2023 0:28	24105 EHAZ_T1	4	4	0	5.9	5.38	-0.52	0	0	0	0	0	0	0	0
8/28/2023 0:28	54001 SDLE_T1	0	4	4	0	0.43	0.43	0	0	3	3	0	1800	1800	0
8/28/2023 0:28	63401 HONY_T1	0	0	0	0	0	0	0.5	0.59	0	0	0	0	0	0
8/28/2023 0:28	43301 WATS_T2	1	1	0	0.8	1	0.2	0	0	0	0	0	0	0	0
8/28/2023 0:28	67503 WEWI_T2	0	0	0	0	0	0	-0.03	-0.06	0	0	0	0	0	0
8/28/2023 0:28	44302 BEAV_T2	289	330	41	0.48	0.5	0.02	0.23	0.22	0	0	0	0	0	0
8/28/2023 0:28	66505 SMAN_T2	0	0	0	0	0	0	-0.02	0.97	4	2	-2	3000	1800	-1200
8/28/2023 0:28	10801 CHHI_T1	0	0	0	0	0	0	-1.27	-1.27	2	2	0	1500	1500	0
8/28/2023 0:28	53501 EVIL_T2	0	1	1	0	0.5	0.5	-0.39	-0.39	0	0	0	0	0	0
8/28/2023 0:28	67602 WARW_T2	0	0	0	0	0	0	0.59	0.59	0	0	0	0	0	0
8/28/2023 0:28	49804 UNIV_T1	1	2	1	0.3	0.7	0.4	0.7	0.58	0	0	0	0	0	0
8/28/2023 0:28	15001 BLMO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8/28/2023 0:28	16402 MOPO_T1	0	0	0	0	0	0	0.78	0.78	0	0	0	0	0	0
8/28/2023 0:33	44302 BEAV_T2	328	306	-22	0.5	0.42	-0.08	0.23	0.22	0	0	0	0	0	0
8/28/2023 0:39	61202 REIN_T1	61	61	0	0.92	1.31	0.39	0	0	0	0	0	0	0	0
8/28/2023 0:59	62607 ENGL_T1	0	0	0	0	0	0	0.01	0.01	1	1	0	300	300	0
8/28/2023 2:19	61202 REIN_T1	61	61	0	1.55	1.63	0.08	0	0	0	0	0	0	0	0
8/28/2023 3:29	61202 REIN_T1	61	61	0	1.62	1.71	0.09	0	0	0	0	0	0	0	0
8/28/2023 4:19	61202 REIN_T1	61	61	0	1.55	1.7	0.15	0	0	0	0	0	0	0	0
8/28/2023 5:18	61202 REIN_T1	61	61	0	1.35	1.26	-0.09	0	0	0	0	0	0	0	0
8/28/2023 6:23	61202 REIN_T1	61	61	0	0.9	0.94	0.04	0	0	0	0	0	0	0	0
8/28/2023 6:58	61202 REIN_T1	61	59	-2	0.94	0.93	-0.01	0	0	0	0	0	0	0	0
8/28/2023 7:53	61202 REIN_T1	42	43	1	0.31	0.31	0	0	0	0	0	0	0	0	0
8/28/2023 8:16	58402 MORO_T1	0	0	0	0	0	0	-1.83	-1.87	3	3	0	2400	2400	0
8/28/2023 8:35	67204 TEHI_T2	0	0	0	0	0	0	0.07	0.08	0	0	0	0	0	0
8/28/2023 8:41	53601 DALM_T2	1	1	0	0.6	0.2	-0.4	-0.11	0.03	0	0	0	0	0	0
8/28/2023 8:52	67204 TEHI_T2	0	0	0	0	0	0	0.08	0.07	0	0	0

8/28/2023 10:21	56501 ROCK_T2	0	0	0	0	0	0	-1.28	-1.24	0	0	0	0	0	0
8/28/2023 10:23	56801 BENV_T1	8	16	8	0.59	0.46	-0.13	0	0	0	0	0	0	0	0
8/28/2023 10:24	56802 BENV_T2	1	1	0	0.9	0.9	0	-1.04	-1.07	0	0	0	0	0	0
8/28/2023 10:24	15001 BLMO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8/28/2023 10:25	24105 EHAZ_T1	4	4	0	6.3	6.5	0.2	0	0	0	0	0	0	0	0
8/28/2023 10:28	17805 GILB_T2	0	0	0	0	0	0	0.29	0.31	0	0	0	0	0	0
8/28/2023 10:29	16301 ALPA_T1	0	0	0	0	0	0	-1.23	-1.19	0	0	0	0	0	0
8/28/2023 10:31	16302 ALPA_T2	0	0	0	0	0	0	-0.16	-0.11	0	0	0	0	0	0
8/28/2023 10:33	48302 ORWI_T2	2	2	0	1.15	0.85	-0.3	0.06	0.09	0	0	0	0	0	0
8/28/2023 10:36	67502 WEWI_T2	0	0	0	0	0	0	-0.84	-0.78	1	1	0	900	900	0
8/28/2023 10:37	59101 WALK_T2	1	1	0	0	0	0	1.59	1.69	1	1	0	450	450	0
8/28/2023 10:39	15001 BLMO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8/28/2023 10:41	60803 BUCK_T1	0	0	0	0	0	0	-1.08	-1.06	1	1	0	600	600	0
8/28/2023 10:41	56802 BENV_T2	1	1	0	0.7	0.9	0.2	-1.07	-1.08	0	0	0	0	0	0
8/28/2023 10:43	16302 ALPA_T2	0	0	0	0	0	0	-0.11	-0.1	0	0	0	0	0	0
8/28/2023 10:45	28403 HART_T2	0	0	0	0	0	0	-0.52	-0.52	1	1	0	900	900	0
8/28/2023 10:46	57303 MOAL_T2	1	1	0	7.3	7.7	0.4	0	0	0	0	0	0	0	0
8/28/2023 10:46	42903 MIDD_T2	0	0	0	0	0	0	1.1	1.29	1	1	0	1200	1200	0
8/28/2023 10:47	64305 LINC_T1	0	1	1	0	0.2	0.2	0	0	0	0	0	0	0	0
8/28/2023 10:51	67503 WEWI_T2	0	0	0	0	0	0	0.13	0.14	0	0	0	0	0	0
8/28/2023 10:56	15001 BLMO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8/28/2023 10:56	52402 GRPA_T2	1	2	1	3.9	2.15	-1.75	0	0	0	0	0	0	0	0
8/28/2023 11:00	63402 HONY_T2	1	1	0	0.3	0.6	0.3	0	0	0	0	0	0	0	0
8/28/2023 11:00	41202 KENM_T2	1	1	0	0.3	0.5	0.2	0	0	0	0	0	0	0	0
8/28/2023 11:11	10805 CHHI_T2	1	1	0	9.2	9.4	0.2	-0.54	-0.55	2	2	0	1800	1800	0
8/28/2023 11:11	60803 BUCK_T1	0	0	0	0	0	0	-1.01	-0.96	1	1	0	600	600	0
8/28/2023 11:12	52403 GRPA_T2	2	2	0	0.2	0.6	0.4	-0.3	-0.33	0	0	0	0	0	0
8/28/2023 11:13	41202 KENM_T2	1	1	0	0.3	0.5	0.2	0	0	0	0	0	0	0	0
8/28/2023 11:13	47901 HRDG_T1	0	0	0	0	0	0	1.09	1.12	1	1	0	1200	1200	0
8/28/2023 11:16	56802 BENV_T2	1	1	0	0.5	0.7	0.2	-1.08	-1.06	0	0	0	0	0	0
8/28/2023 11:19	41202 KENM_T2	1	1	0	0.5	0.3	-0.2	0	0	0	0	0	0	0	0
8/28/2023 11:20	61202 REIN_T1	45	57	12	0.4	0.61	0.21	0	0	0	0	0	0	0	0
8/28/2023 11:23	44301 BEAV_T2	0	2	2	0	0	0	0.49	0.34	2	2	0	1500	1500	0
8/28/2023 11:24	10805 CHHI_T2	1	1	0	9.4	9.4	0	-0.55	-0.53	2	2	0	1800	1800	0
8/28/2023 11:25	15001 BLMO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8/28/2023 11:25	60101 COCA_T1	0	0	0	0	0	0	0.87	0.85	0	0	0	0	0	0
8/28/2023 11:26	44801 EDAN_T2	1	1	0	0.7	0.4	-0.3	0	0	0	0	0	0	0	0
8/28/2023 11:27	40902 JESH_T1	0	0	0	0	0	0	-0.11	0	1	1	0	600	600	0
8/28/2023 11:36	43301 WATS_T2	0	0	0	0	0	0	-0.42	-0.45	1	1	0	900	900	0
8/28/2023 11:37	59202 THOM_T1	0	1	1	0	0	0	0	0	0	0	0	0	0	0
8/28/2023 11:38	59101 WALK_T2	1	1	0	0	0	0	2	2.03	1	1	0	450	450	0
8/28/2023 11:39	41602 CLEV_T1	0	0	0	0	0	0	0	0	1	1	0	600	600	0
8/28/2023 11:59	45802 HEGI_T2	0	0	0	0	0	0	-0.34	-0.17	2	2	0	1200	1200	0
8/28/2023 12:02	54701 NEBL_T1	0	0	0	0	0	0	0	0	1	1	0	600	600	0
8/28/2023 12:03	15601 NSTR_T2	3	3	0	0.83	0.77	-0.06	0	0	0	0	0	0	0	0
8/28/2023 12:11	61202 REIN_T1	50	54	4	0.42	0.49	0.07	0	0	0	0	0	0	0	0
8/28/2023 12:14	40902 JESH_T1	0	0	0	0	0	0	0.25	0.24	1	1	0	600	600	0
8/28/2023 12:16	45003 LIME_2	1	2	1	3.8	2	-1.8	0	0	1	1	0	1200	1200	0
8/28/2023 12:21	60604 NCOL_T2	0	0	0	0	0	0	0.47	0.49	0	0	0	0	0	0
8/28/2023 12:57	47901 HRDG_T1	0	0	0	0	0	0	0.68	0.73	1	1	0	1200	1200	0
8/28/2023 13:01	52403 GRPA_T2	0	2	2	0	0	0	-0.36	-0.35	0	0	0	0	0	0
8/28/2023 13:03	48302 ORWI_T2	2	2	0	0.65	0.75	0.1	0.21	0.17	0	0	0	0	0	0
8/28/2023 13:06	65901 SAKR_T2	0	0	0	0	0	0	0	-0.27	2	2	0	1500	1500	0
8/28/2023 13:12	54504 ENOL_T2	0	0	0	0	0	0	-0.63	-0.63	1	1	0	600	600	0
8/28/2023 13:28	45003 LIME_2	2	3	1	1.8	1.65	-0.15	0	0	1	1	0	1200	1200	0
8/28/2023 13:33	53802 MIBRG_T2	0	0	0	0	0	0	0.97	1.01	0	0	0	0	0	0
8/28/2023 13:51	61202 REIN_T1	8	15	7	0.26	0.19	-0.07	0	0	0	0	0	0	0	0
8/28/2023 13:54	67602 WARW_T2	0	0	0	0	0	0	0.57	0.57	2	2	0	1500	1500	0
8/28/2023 14:02	52403 GRPA_T2	1	2	1	0.9	0	-0.9	-0.27	-0.31	0	0	0	0	0	0
8/28/2023 14:09	45902 AUBU_T1	0	0	0	0	0	0	-0.41	-0.46	1	1	0	600	600	0
8/28/2023 14:11	56802 BENV_T2	1	1	0	0.7	0.8	0.1	-0.93	-0.94	0	0	0	0	0	0
8/28/2023 14:22	41602 CLEV_T1	0	0	0	0	0	0	0	0	1	1	0	600	600	0
8/28/2023 14:24	45901 AUBU_T1	0	0	0	0	0	0	1.84	1.9	0	0	0	0	0	0
8/28/2023 14:24	56802 BENV_T2	1	1	0	0.8	0.9	0.1	-1.89	-1.85	0	0	0	0	0	0
8/28/2023 14:29	61202 REIN_T1	5	5	0	0.2	0.24	0.04	0	0	0	0	0	0	0	0
8/28/2023 14:30	63401 HONY_T1	0	0	0	0	0	0	0.66	0.67	1	1	0	600	600	0
8/28/2023 14:34	53501 EVIL_T2	1	1	0	0.1	0.5	0.4	-1.42	-1.5	4	4	0	2700	2700	0
8/28/2023 14:36	65603 QVIL_T2	1	1	0	7.5	7.4	-0.1	0	0	0	0	0	0	0	0
8/28/2023 14:37	29401 BELT_T1	0	0	0	0	0	0	0	0	1	1	0	900	900	0
8/28/2023 14:39	43304 WATS_T2	0	0	0	0	0	0	-0.18	-0.17	0	0	0	0	0	0
8/28/2023 14:45	53803 MIBRG_T2	0	0	0	0	0	0	0.08	0.08	0	0	0	0	0	0
8/28/2023 14:48	65604 QVIL_T2	0	0	0	0	0	0	0.16	0.19	0	0	0	0	0	0
8/28/2023 14:54	45902 AUBU_T1	0	0	0	0	0	0	-0.49	-0.5	1	1	0	600	600	0
8/28/2023 14:54	41602 CLEV_T1	0	0	0	0	0	0	0	0	1	1	0	600	600	0
8/28/2023 14:57	29401 BELT_T1	0	0	0	0	0	0	0	0	1	1	0	900	900	0
8/28/2023 15:02	49804 UNIV_T1	0	0	0	0	0	0	1.44	1.7	0	0	0	0	0	0
8/28/2023 15:06	65604 QVIL_T2	0	0	0	0	0	0	0.18	0.17	0	0	0	0	0	0
8/28/2023 15:08	42201 SHEN_T2	0	0	0	0	0	0	0.3	0.34	1	1	0	600	600	0
8/28/2023 15:11	11104 EGYP_T1	0	4	4	0	0	0	1	0.99	0	0	0	0	0	0
8/28/2023 15:23	27502 WEIS_T2	0	0	0	0	0	0	-0.25	-0.24	0	0	0	0	0	0
8/28/2023 16:07	42701 AUGU_T1	0	0	0	0	0	0	0	0	2	2	0	1800	1800	0
8/28/2023 16:13	61202 REIN_T1	0	5	5	0	0.34	0.34	0	0	0	0	0	0	0	0
8/28/2023 16:40	55101 WERT_T1	0	0	0	0	0	0	-1.46	-1.58	4	4	0	3300	3300	0
8/28/2023 16:50	64101 REFR_T1	0	0	0	0	0	0	0.46	0.48	0	0	0	0	0	0
8/28/2023 16:55	55101 WERT_T1	0	0	0	0	0	0	-1.58	-1.67	4	4	0	3300	3300	0
8/28/2023 17:00	64702 LITI_T2	0	0	0	0	0	0	0.04	0.03	0	0	0	0	0	0
8/28/2023 17:17	61202 REIN_T1	5	7	2	0.38	0.57	0.19	0	0	0	0	0	0	0	0
8/28/2023 17:38	43801 SWIL_T1	2	13	11	3.45	0.68	-2.77	0	0	0	0	0	0	0	0
8/28/2023 19:17	61202 REIN_T1	25	40	15	0.42	0.49	0.07	0	0	0	0	0	0	0	0
8/28/2023 20:07	59101 WALK_T2	1	1	0	0	0	0	0.98	1.4	1	1	0	450	450	0
8/28/2023 20:12	17804 GILB_T2	0	0	0	0	0	0	-0.42	-0.43	0	0	0	0	0	0
8/28/2023 20:13	44802 EDAN_T2	0	0	0	0	0	0	-0.54	-0.56	0	0	0	0	0	0
8/28/2023 20:14	40101 HUNT_T2	8	12	4	0.56	0.64	0.08	-0.3	-0.31	0	0	0	0	0	0
8/28/2023 20:16	28403 HART_T2	0	0	0	0	0	0	-0.41	-0.44	1	1	0	900	900	0
8/28/2023 20:17	40902 JESH_T1	0	0	0	0	0	0	-0.48	-0.49	0	0	0	0	0	0
8/28/2023 20:17	65902 SAKR_T2	0	0	0	0	0	0	-0.82	-0.79	1	1	0	900	900	0
8/28/2023 20:19	56503 ROCK_T2	1	1	0	0.2	0.1	-0.1	0	0	0	0	0	0	0	0
8/28/2023 20:19	66505 SMAN_T2	0	0	0	0	0	0	0.01	-0.05	3	3	0	2100	2100	0
8/28/2023 20:24	56803 BENV_T1	1	3	2	0.2	0	-0.2	0.65	0.62	0	0	0	0	0	0
8/28/2023 20:25	56802 BENV_T2	0	2	2	0	0.3	0.3	-0.95	-0.96	0	0	0	0	0	0
8/28/2023 20:26	16302 ALPA_T2	0	0	0	0	0	0	-0.3	-0.26	0	0	0	0	0	0
8/28/2023 20:26	28604 BLYT_T2	0	0	0	0	0	0	-1.12	-1.12	0	0	0	0	0	0
8/28/2023 20:28	24101 EHAZ_T1	0	0	0	0	0	0	0.3	0.24	1	1	0	600	600	0
8/28/2023 20:30	16301 ALPA_T1	1	1	0	0.4	0.5	0.1	-1.07	-1.15	0	0	0	0	0	0
8/28/2023 20:32	42903 MIDD_T2	2	2	0	0.45	0.45	0	0	0	0	0	0	0	0	0
8/28/2023 20:39	67502 WEWI_T2	0	0	0	0	0	0	-0.93	-0.96	1	1	0	900	900	0
8/28/2023 20:40	56802 BENV_T2	1	2	1	0.3	0.5	0.2	-0.96	-1	0	0	0	0	0	0
8/28/2023 20:43	16302 ALPA_T2	0	0	0	0	0	0	-0.26	-0.31	0	0	0	0	0	0
8/28/2023 20:46	42902 MIDD_T2	0	5	5	0	0	0	0	0	0	0	0	0	0	0
8/28/2023 20:52	15001 BLMO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8/28/2023 20:54	67503 WEWI_T2	0	0	0	0	0	0	0.3	0.23	0	0	0	0	0	0
8/28/2023 21:07	10805 CHHI_T2	1	1	0	9	8.5	-0.5	-0.38	-0.45	1	1	0	600	600	0
8/28/2023 21:16	47901 HRDG_T1	0	0	0	0	0	0	1.97	1.47	0	0	0	0	0	0
8/28/2023 21:24	10805 CHHI_T2	1	9	8	8.8	8.5	-0.3	-0.45	-0.35	1	1	0	600	600	0
8/28/2023 21:31	27502 WEIS_T2	0	0	0	0	0	0	-0.44	-0.46	0	0	0	0	0	0
8/28/2023 21:35	29401 BELT_T1	8	0	-8	0.13	0	-0.13	0	0	1	1	0	900	900	0
8/28/2023 21:38	43301 WATS_T2	1	1	0	0.6	0.6	0	-0.39	-0.42	1	1	0	900	900	0
8/28/2023 21:41	41602 CLEV_T1	0	0	0	0	0	0	0	0	1	1	0	600	600	0
8/28/2023 21:47	43302 WATS_T2	0	4	4	0	0.18	0.18	0	0	0	0	0	0	0	0
8/28/2023 21:47	45003 LIME_2	4	3	-1	1.13	1.95	0.82	0	0	0	0	0	0	0	0
8/28/2023 21:55	29401 BELT_T1	0	0	0	0	0	0	0	0	1	1	0	900	900	0
8/28/2023 21:58	47901 HRDG_T1	0	0	0	0	0	0	1.57	1.58	0	0	0	0	0	0
8/28/2023 21:59	67602 WARW_T2	0	0	0	0	0	0	1.24	1.23	0	0	0	0	0	0
8/29/2023 0:28	65603 QVIL_T2	1	1	0	6	6	0	0	0	0	0	0	0	0	0
8/29/2023 0:28	49804 UNIV_T1	1	1	0	0.2	0.4	0.2	0.55	0.55	0	0	0	0	0	0
8/29/2023 0:28	44302 BEAV_T2	89	158	69	0.23	0.31	0.08	0	0	0	0	0	0	0	0
8/29/2023 0:28	45902 AUBU_T1	0	0	0	0	0	0	-1.78	-1.93	2	2	0	1200	1200	0
8/29/2023 0:28	11104 EGYP_T1	0	0	0	0	0	0	0.55	0.56	0	0	0	0	0	0
8/29/2023 0:28	64702 LITI_T2	0	0	0	0	0	0	-0.4	-0.45	0	0	0	0	0	0
8/29/2023 0:28	40902 JESH_T1	0	0	0	0	0	0	-0.75	-0.73	0	0	0	0	0	0
8/29/2023 0:28	56801 BENV_T1	9	17	8	0.41	0.89	0.48	0	0	0	0	0	0	0	0
8/29/2023 0:28	48302 ORWI_T2	2	2	0	1.1	0.85	-0.25	-0.39	-0.48	0	0	0	0	0	0
8/29/2023 0:28	45001 LIME_2	18	31	13	0.16	0.45	0.29	0	0	0	0	0	0	0	0
8/29/2023 0:28	45901 AUBU_T1	0	0	0	0	0	0	3.43	3.49	0	0	0	0	0	0
8/29/2023 0:28	63403 HONY_T2	0	0	0	0	0	0	0.28	0.25	0	0	0	0	0	0
8/29/2023 0:28	65901 SAKR_T2	0	0	0	0	0	0	-0.91	-0.96	1	1	0	900	900	0
8/29/2023 0:28	57304 MOAL_T2	0	1	1	0	0.2	0.2	-0.45	-0.44	0	0	0	0	0	0
8/29/2023 0:28	15001 BLMO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8/29/2023 0:28	42201 SHEN_T2	0	0	0	0	0	0	-0.12	-0.1	1	1	0	600	600	0
8/29/2023 0:28	60803 BUCK_T1	0	0	0	0	0	0	-2.91	-2.95	2	2	0	1200	1200	0
8/29/2023 0:28	53501 EVIL_T2	0	0	0	0	0	0	-0.69	-0.69	1	1	0	600	600	0
8/29/2023 0:28	63401 HONY_T1	0	0	0	0	0	0	0.07	0.12	1	1	0	600	600	0
8/29/2023 0:28	42701 AUGU_T1	1	1	0	0.8	1.2	0.4	0	0	2	2	0	1800	1800	0
8/29/2023 0:28	52403 GRPA_T2	0	0	0	0	0	0	-1.55	-1.55	0	0	0	0	0	0
8/29/2023 0:28	60101 COCA_T1	0	0	0	0	0	0	0.37	0.38	0	0	0	0	0	0
8/29/2023 0:28	56802 BENV_T2	1	1	0	0.5	0.2	-0.3	-4.9	-5.05	0	0	0	0	0	0
8/29/2023 0:28	64101 REFR_T1	0	0	0	0	0	0	0.24	0.22	0	0	0	0	0	0
8/29/2023 0:28	45802 HEGI_T2	0	0	0	0	0	0	0.55	0.64	0	0	0	0	0	0
8/29/2023 0:28	64301 LINC_T1	0	0	0	0	0	0	0.45	-0.15	0	1	1	0	600	600
8/29/2023 0:28	17805 GILB_T2	0	0	0	0	0	0	-0.14	-0.14	0	0	0	0	0	0
8/29/2023 0:28	44801 EDAN_T2	1	1	0	0.8	0.3	-0.5	0	0	0	0	0	0	0	0
8/29/2023 0:28	28403 HART_T2	0	0	0	0	0	0	-0.57	-0.61	1	1	0	900	900	0
8/29/2023 0:28	15601 NSTR_T2	3	3	0	0.43	0.5	0.07	0	0	0	0	0	0	0	0
8/29/2023 0:28	54701 NEBL_T1	0	0	0	0	0	0	0	0	1	1	0	600	600	0
8/29/2023 0:28	41602 CLEV_T1	0	0	0	0	0	0	0	0	1	1	0	600	600	0
8/29/2023 0:28	66505 SMAN_T2	0	0	0	0	0	0	0.61	0.53	1	1	0	900	900	0
8/29/2023 0:28	61202 REIN_T1	61	61	0	1.52	1.78	0.26	0	0	0	0	0	0	0	0
8/29/2023 0:28	59101 WALK_T2	1	1	0	0	0	0	2.08	1.26	2	2	0	900	900	0
8/29/2023 0:28	12701 MACU_T1	0	0	0	0	0	0	0.08	0.1	0	0	0	0	0	0
8/29/2023 0:28	41202 KENM_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8/29/2023 0:28	55101 WERT_T1	0	0	0	0	0	0	-3.14	-3	4	4	0	3600	3600	0
8/29/2023 0:28	59202 THOM_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8/29/2023 0:32	43802 SWIL_T1	0	0	0	0	0	0	-0.11	-0.12	1	1	0	600	600	0
8/29/2023 4:33	61202 REIN_T1	61	61	0	1.46	1.47	0.01	0	0	0	0	0	0	0	0
8/29/2023 7:57	61202 REIN_T1	34	56	22	0.25	0.48	0.23	0	0	0	0	0	0	0	0
8/29/2023 8:04	67204 TEHI_T2	0	0	0	0	0	0	0	0.07	0	0	0	0	0	0
8/29/2023 8:07	67204 TEHI_T2	0	0	0	0	0	0	0	0.07	0	0	0	0	0	0
8/29/2023 8:16	58402 MORO_T1	0	0	0	0	0	0	-1.91	-1.79	3	3	0	2400	2400	0
8/29/2023 8:18	58402 MORO_T1	0	0	0	0	0	0	-1.91	-1.79	3	3	0	2400	2400	0
8/29/2023 8:28	46506 LOHA_T1	1	0	-1	0.3	0	-0.3	-0.41	-0.37	0	0	0	0	0	0
8/29/2023 8:31	54701 NEBL_T1	0	0	0	0	0	0	0	0	1	1	0	600	600	0
8/29/2023 8:32	46506 LOHA_T1	0	0	0	0	0	0	-0.41	-0.37	0	0	0	0	0	0
8/29/2023 8:36	46504 LOHA_T1	1	1	0	0.1	0.3	0.2	0	0	0	0	0	0	0	0
8/29/2023 8:40	59101 WALK_T2	1	1	0	0	0	0	2.05	2.12	1	1	0	450	450	0
8/29/2023 8:46	54701 NEBL_T1	0	0	0	0	0	0	0	0	1	1	0	600	600	0
8/29/2023 8:53	61202 REIN_T1	56	59	3	0.61	0.82	0.21	0	0	0	0	0	0	0	0
8/29/2023 8:55	53601 DALM_T2	1	2	1	0.1	0.2	0.1	0.01	0	0	0	0	0	0	0
8/29/2023 9:06	59101 WALK_T2	1	1	0	0	0	0	2.03	2.08	1	1	0	450	450	0
8/29/2023 9:17	54701 NEBL_T1	0	0	0	0	0	0	0	0	1	1	0	600	600	0
8/29/2023 9:31	13503 MCMI_T2	0	0	0	0	0	0	-0.01	-0.01	0	0	0	0	0

Appendix C - Grid Benefits Achieved in Each Instance of Active Management

8/29/2023 10:18	42002 MNVL_T2	1	1	0	3.4	3.6	0.2	0	0	0	0	0	0	0
8/29/2023 10:19	66505 SMAN_T2	0	0	0	0	0	0	0.17	0.1	3	3	0	2100	2100
8/29/2023 10:19	43202 MVIL_T2	0	0	0	0	0	0	-0.52	-0.52	0	0	0	0	0
8/29/2023 10:21	59101 WALK_T2	1	1	0	0	0	0	1.87	1.77	1	1	0	450	450
8/29/2023 10:22	28604 BLYT_T2	0	0	0	0	0	0	-1.24	-1.22	0	0	0	0	0
8/29/2023 10:23	59101 WALK_T2	1	1	0	0	0	0	1.87	1.77	1	1	0	450	450
8/29/2023 10:28	44502 HAMI_T2	1	1	0	1.6	1.7	0.1	0.13	0.26	0	0	0	0	0
8/29/2023 10:29	17805 GILB_T2	0	0	0	0	0	0	0.28	0.33	0	0	0	0	0
8/29/2023 10:29	24105 EHAZ_T1	4	4	0	5.58	5.65	0.07	0	0	0	0	0	0	0
8/29/2023 10:30	59101 WALK_T2	1	1	0	0	0	0	1.87	1.77	1	1	0	450	450
8/29/2023 10:31	52402 GRPA_T2	2	2	0	2.7	2.35	-0.35	0	0	0	0	0	0	0
8/29/2023 10:33	42902 MIDD_T2	0	0	0	0	0	0	-0.53	-0.6	2	2	0	900	900
8/29/2023 10:35	54701 NEBL_T1	0	0	0	0	0	0	0	0	1	1	0	600	600
8/29/2023 10:37	45901 AUBU_T1	0	0	0	0	0	0	1.97	1.98	0	0	0	0	0
8/29/2023 10:38	66504 SMAN_T2	0	0	0	0	0	0	-1.82	-1.84	2	2	0	2400	2400
8/29/2023 10:38	16302 ALPA_T2	0	0	0	0	0	0	-0.17	-0.27	0	0	0	0	0
8/29/2023 10:39	56802 BENV_T2	1	1	0	0.4	0.5	0.1	-0.42	-0.46	0	0	0	0	0
8/29/2023 10:39	59101 WALK_T2	1	1	0	0	0	0	1.77	1.86	1	1	0	450	450
8/29/2023 10:39	16302 ALPA_T2	0	0	0	0	0	0	-0.17	-0.27	0	0	0	0	0
8/29/2023 10:40	56802 BENV_T2	1	1	0	0.4	0.5	0.1	-0.42	-0.46	0	0	0	0	0
8/29/2023 10:40	44802 EDAN_T2	0	0	0	0	0	0	-1.84	-1.81	1	1	0	1200	1200
8/29/2023 10:41	15001 BLMO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
8/29/2023 10:42	45901 AUBU_T1	0	0	0	0	0	0	1.97	1.98	0	0	0	0	0
8/29/2023 10:42	44801 EDAN_T2	0	1	1	0	0.2	0.2	0	0	0	0	0	0	0
8/29/2023 10:44	17804 GILB_T2	0	0	0	0	0	0	-0.46	-0.45	0	0	0	0	0
8/29/2023 10:47	42903 MIDD_T2	0	0	0	0	0	0	1.17	1.02	1	1	0	1200	1200
8/29/2023 10:47	12701 MACU_T1	1	0	-1	0.4	0	-0.4	0.24	0.25	0	0	0	0	0
8/29/2023 10:56	61801 EEU_T2	0	0	0	0	0	0	-0.4	-0.41	1	1	0	600	600
8/29/2023 10:57	10805 CHHI_T2	6	2	-4	2	8.8	6.8	-0.97	-1.03	2	2	0	1800	1800
8/29/2023 10:57	12701 MACU_T1	1	0	-1	0.4	0	-0.4	0.25	0.23	0	1	1	0	1200
8/29/2023 11:00	29401 BELT_T1	25	20	-5	0.14	0.12	-0.02	0	0	1	1	0	900	900
8/29/2023 11:02	43304 WATS_T2	0	1	1	0	0	0	0	0	0	0	0	0	0
8/29/2023 11:02	67502 WEWI_T2	0	0	0	0	0	0	0.13	0.21	0	0	0	0	0
8/29/2023 11:03	10805 CHHI_T2	2	1	-1	4.7	8.8	4.1	-0.97	-1.03	2	2	0	1800	1800
8/29/2023 11:06	67503 WEWI_T2	0	0	0	0	0	0	0.03	0.05	0	0	0	0	0
8/29/2023 11:08	10805 CHHI_T2	2	1	-1	4.7	8.8	4.1	-1.03	-0.96	2	2	0	1800	1800
8/29/2023 11:08	67502 WEWI_T2	0	0	0	0	0	0	0.21	0.16	0	0	0	0	0
8/29/2023 11:09	29401 BELT_T1	25	20	-5	0.14	0.12	-0.02	0	0	1	1	0	900	900
8/29/2023 11:12	63402 HONY_T2	0	1	1	0	0.3	0.3	0	0	0	0	0	0	0
8/29/2023 11:12	47901 HRDG_T1	0	0	0	0	0	0	2.15	2.34	0	0	0	0	0
8/29/2023 11:13	40101 HUNT_T2	8	17	9	0.3	0.46	0.16	-0.14	-0.12	0	0	0	0	0
8/29/2023 11:13	67502 WEWI_T2	0	0	0	0	0	0	0.21	0.16	0	0	0	0	0
8/29/2023 11:13	64702 LITI_T2	0	0	0	0	0	0	-0.18	-0.2	0	0	0	0	0
8/29/2023 11:17	47901 HRDG_T1	0	0	0	0	0	0	2.15	2.34	0	0	0	0	0
8/29/2023 11:18	40101 HUNT_T2	7	15	8	0.41	0.5	0.09	-0.14	-0.12	0	0	0	0	0
8/29/2023 11:19	64702 LITI_T2	0	0	0	0	0	0	-0.2	-0.13	0	0	0	0	0
8/29/2023 11:20	67503 WEWI_T2	0	0	0	0	0	0	0.05	0.08	0	0	0	0	0
8/29/2023 11:22	45901 AUBU_T1	0	0	0	0	0	0	1.99	2.13	0	0	0	0	0
8/29/2023 11:23	67503 WEWI_T2	0	0	0	0	0	0	0.05	0.08	0	0	0	0	0
8/29/2023 11:30	43202 MVIL_T2	0	0	0	0	0	0	-0.5	-0.49	0	0	0	0	0
8/29/2023 11:33	58402 MORO_T1	0	0	0	0	0	0	-1.69	-1.72	3	3	0	2400	2400
8/29/2023 11:34	54701 NEBL_T1	0	0	0	0	0	0	0	0	1	1	0	600	600
8/29/2023 11:36	58402 MORO_T1	0	0	0	0	0	0	-1.72	-1.78	3	3	0	2400	2400
8/29/2023 11:38	45902 AUBU_T1	0	1	1	0	0	0	0	0	0	0	0	0	0
8/29/2023 11:38	66504 SMAN_T2	0	0	0	0	0	0	-1.86	-1.55	2	2	0	2400	2400
8/29/2023 11:38	67204 TEHI_T2	0	0	0	0	0	0	-0.19	-0.13	0	0	0	0	0
8/29/2023 11:39	45901 AUBU_T1	0	0	0	0	0	0	2.13	1.93	0	0	0	0	0
8/29/2023 11:39	43301 WATS_T2	0	0	0	0	0	0	-0.42	-0.44	1	1	0	900	900
8/29/2023 11:39	16302 ALPA_T2	0	0	0	0	0	0	-0.17	-0.12	0	0	0	0	0
8/29/2023 11:40	56802 BENV_T2	1	1	0	0.9	1.1	0.2	-1.11	-1.1	0	0	0	0	0
8/29/2023 11:40	10805 CHHI_T2	1	1	0	9	9	0	-1.06	-0.98	2	2	0	1800	1800
8/29/2023 11:41	60101 COCA_T1	0	0	1	0	0	0	0.68	0.69	0	0	0	0	0
8/29/2023 11:41	28602 BLYT_T2	0	1	1	0	0	0	0	0	0	0	0	0	0
8/29/2023 11:42	28403 HART_T2	0	0	0	0	0	0	-0.59	-0.58	1	1	0	900	900
8/29/2023 11:42	43304 WATS_T2	0	0	0	0	0	0	-0.17	-0.2	0	0	0	0	0
8/29/2023 11:43	40901 JESH_T1	1	1	0	0.2	0.1	-0.1	0	0	0	0	0	0	0
8/29/2023 11:44	45901 AUBU_T1	0	0	0	0	0	0	2.13	1.93	0	0	0	0	0
8/29/2023 11:44	17804 GILB_T2	0	0	0	0	0	0	-0.44	-0.45	0	0	0	0	0
8/29/2023 11:45	67204 TEHI_T2	0	0	0	0	0	0	-0.19	-0.13	0	0	0	0	0
8/29/2023 11:45	10805 CHHI_T2	1	3	-2	9	9.1	0.1	-1.06	-0.98	2	2	0	1800	1800
8/29/2023 11:46	43202 MVIL_T2	0	1	1	0	0	0	-0.49	-0.51	0	0	0	0	0
8/29/2023 11:46	45902 AUBU_T1	0	0	0	0	0	0	-0.31	-0.34	1	1	0	600	600
8/29/2023 11:47	43304 WATS_T2	0	0	0	0	0	0	-0.17	-0.2	0	0	0	0	0
8/29/2023 11:48	60101 COCA_T1	0	0	0	0	0	0	0.68	0.69	0	0	0	0	0
8/29/2023 11:49	17805 GILB_T2	0	0	0	0	0	0	0.41	0.37	0	0	0	0	0
8/29/2023 11:49	54701 NEBL_T1	0	0	0	0	0	0	0	0	1	1	0	600	600
8/29/2023 11:52	43304 WATS_T2	0	0	0	0	0	0	-0.2	-0.2	0	0	0	0	0
8/29/2023 11:54	43301 WATS_T2	0	0	0	0	0	0	-0.44	-0.41	1	1	0	900	900
8/29/2023 11:54	67204 TEHI_T2	0	0	0	0	0	0	-0.13	-0.16	0	0	0	0	0
8/29/2023 11:55	67204 TEHI_T2	0	0	0	0	0	0	-0.13	-0.16	0	0	0	0	0
8/29/2023 11:56	24102 EHAZ_T1	0	1	1	0	0	0	0	0	0	0	0	0	0
8/29/2023 11:56	28602 BLYT_T2	1	0	-1	0.7	0	-0.7	0	0	0	0	0	0	0
8/29/2023 11:56	67502 WEWI_T2	0	0	0	0	0	0	0.12	0.08	0	0	0	0	0
8/29/2023 11:56	10805 CHHI_T2	1	3	-2	9	9.1	0.1	-0.98	-1.06	2	2	0	1800	1800
8/29/2023 11:57	60101 COCA_T1	0	0	0	0	0	0	0.69	0.68	0	0	0	0	0
8/29/2023 11:58	43304 WATS_T2	0	0	0	0	0	0	-0.2	-0.2	0	0	0	0	0
8/29/2023 11:59	40901 JESH_T1	1	1	0	0.3	0.1	-0.2	0	0	0	0	0	0	0
8/29/2023 12:01	67502 WEWI_T2	0	0	0	0	0	0	0.12	0.08	0	0	0	0	0
8/29/2023 12:01	10805 CHHI_T2	1	3	2	9.1	9.3	0.2	-0.98	-1.06	2	2	0	1800	1800
8/29/2023 12:02	43202 MVIL_T2	0	0	0	0	0	0	-0.51	-0.5	0	0	0	0	0
8/29/2023 12:05	54701 NEBL_T1	0	0	0	0	0	0	0	0	1	1	0	600	600
8/29/2023 12:10	67204 TEHI_T2	0	0	0	0	0	0	-0.16	-0.13	0	0	0	0	0
8/29/2023 12:11	43402 BENT_T1	0	0	0	0	0	0	-1.2	-1.19	2	2	0	1500	1500
8/29/2023 12:11	67204 TEHI_T2	0	0	0	0	0	0	-0.16	-0.13	0	0	0	0	0
8/29/2023 12:11	10805 CHHI_T2	1	3	2	9.1	9.3	0.2	-1.06	-1.02	2	2	0	1800	1800
8/29/2023 12:12	24105 EHAZ_T1	4	4	0	5.48	5.48	0	0	0	0	0	0	0	0
8/29/2023 12:17	10805 CHHI_T2	3	2	-1	3.3	9.5	6.2	-1.06	-1.02	2	2	0	1800	1800
8/29/2023 12:30	40902 JESH_T1	0	0	0	0	0	0	-1.22	-1.18	3	3	0	1800	1800
8/29/2023 12:32	45003 LIME_2	1	1	0	2.5	2.1	-0.4	0	0	1	1	0	1200	1200
8/29/2023 12:37	13503 MCMI_T2	0	0	0	0	0	0	-0.01	-0.01	0	0	0	0	0
8/29/2023 12:38	45003 LIME_2	1	1	0	2.5	2.1	-0.4	0	0	1	1	0	1200	1200
8/29/2023 12:49	44601 SALE_T2	0	0	0	0	0	0	0.92	0.92	0	1	1	0	600
8/29/2023 12:57	28604 BLYT_T2	0	0	0	0	0	0	-1.09	-1.11	0	0	0	0	0
8/29/2023 13:03	54701 NEBL_T1	0	0	0	0	0	0	0	0	1	1	0	600	600
8/29/2023 13:05	58402 MORO_T1	0	0	0	0	0	0	-1.62	-1.58	3	3	0	2400	2400
8/29/2023 13:09	11102 EGYP_T1	1	5	4	0.8	0.6	-0.2	0	0	0	0	0	0	0
8/29/2023 13:09	13503 MCMI_T2	0	0	0	0	0	0	-0.01	-0.01	0	0	0	0	0
8/29/2023 13:12	17804 GILB_T2	0	0	0	0	0	0	-0.41	-0.45	0	0	0	0	0
8/29/2023 13:18	58402 MORO_T1	0	0	0	0	0	0	-1.62	-1.58	3	3	0	2400	2400
8/29/2023 13:20	15603 NSTR_T2	0	1	1	0	0.1	0.1	-0.48	-0.46	0	0	0	0	0
8/29/2023 13:21	58402 MORO_T1	0	0	0	0	0	0	-1.58	-1.59	3	3	0	2400	2400
8/29/2023 13:22	43304 WATS_T2	0	0	0	0	0	0	-0.12	-0.14	0	0	0	0	0
8/29/2023 13:23	66703 STRA_T1	0	0	0	0	0	0	0.44	0.49	0	0	0	0	0
8/29/2023 13:24	65902 SAKR_T2	0	0	0	0	0	0	0	-0.76	2	2	0	1200	1200
8/29/2023 13:24	43301 WATS_T2	0	0	0	0	0	0	-0.44	-0.4	1	1	0	900	900
8/29/2023 13:27	43304 WATS_T2	0	0	0	0	0	0	-0.12	-0.14	0	0	0	0	0
8/29/2023 13:50	54701 NEBL_T1	0	0	0	0	0	0	0	0	1	1	0	600	600
8/29/2023 13:53	43304 WATS_T2	0	0	0	0	0	0	-0.15	-0.19	0	0	0	0	0
8/29/2023 14:09	29401 BELT_T1	0	0	0	0	0	0	0	0	1	1	0	900	900
8/29/2023 14:09	43304 WATS_T2	0	0	0	0	0	0	-0.19	-0.18	0	0	0	0	0
8/29/2023 14:10	20403 ASHF_T2	0	0	0	0	0	0	1.05	1.07	0	0	0	0	0
8/29/2023 14:11	29401 BELT_T1	0	0	0	0	0	0	0	0	1	1	0	900	900
8/29/2023 14:11	67204 TEHI_T2	0	0	0	0	0	0	-0.22	-0.2	0	0	0	0	0
8/29/2023 14:15	40901 JESH_T1	1	1	0	0.4	0.2	-0.2	0	0	0	0	0	0	0
8/29/2023 14:16	63402 HONY_T2	1	1	0	0.5	0.5	0	0	0	0	0	0	0	0
8/29/2023 14:16	17804 GILB_T2	0	0	0	0	0	0	-0.42	-0.43	0	0	0	0	0
8/29/2023 14:17	44801 EDAN_T2	1	1	0	0.4	0.4	0	0	0	0	0	0	0	0
8/29/2023 14:18	17805 GILB_T2	0	0	0	0	0	0	0.5	0.53	0	0	0	0	0
8/29/2023 14:18	43202 MVIL_T2	0	0	0	0	0	0	-0.48	-0.5	0	0	0	0	0
8/29/2023 14:20	66703 STRA_T1	0	0	0	0	0	0	0.47	0.46	0	0	0	0	0
8/29/2023 14:21	54701 NEBL_T1	0	0	0	0	0	0	0	0	1	1	0	600	600
8/29/2023 14:21	61202 REIN_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
8/29/2023 14:22	24901 WHHA_T1	0	0	0	0	0	0	0.99	1.02	0	0	0	0	0
8/29/2023 14:23	44802 EDAN_T2	0	0	0	0	0	0	-1.74	-1.7	1	1	0	1200	1200
8/29/2023 14:26	28604 BLYT_T2	0	0	0	0	0	0	-1.08	-1.08	0	0	0	0	0
8/29/2023 14:26	20403 ASHF_T2	0	0	0	0	0	0	1.07	1.05	0	0	0	0	0
8/29/2023 14:27	24901 WHHA_T1	0	0	0	0	0	0	0.99	1.02	0	0	0	0	0
8/29/2023 14:27	54701 NEBL_T1	0	0	0	0	0	0	0	0	1	1	0	600	600
8/29/2023 14:27	43402 BENT_T1	0	0	0	0	0	0	-1.2	-1.19	2	2	0	1500	1500
8/29/2023 14:27	28403 HART_T2	0	0	0	0	0	0	-0.5	-0.52	1	1	0	900	900
8/29/2023 14:28	10805 CHHI_T2	12	7	-5	1.15	1.93	0.78	-0.79	-0.8	2	2	0	1800	1800
8/29/2023 14:28	44801 EDAN_T2	1	1	0	0.4	0.4	0	0	0	0	0	0	0	0
8/29/2023 14:29	17805 GILB_T2	0	0	0	0	0	0	0.53	0.5	0	0	0	0	0
8/29/2023 14:29	60101 COCA_T1	0	0	0	0	0	0	0.78	0.81	0	0	0	0	0
8/29/2023 14:30	40902 JESH_T1	0	0	0	0	0	0	-1.08	-1.1	3	3	0	1800	1800
8/29/2023 14:30	28403 HART_T2	0	0	0	0	0	0	-0.5	-0.52	1	1	0	900	900
8/29/2023 14:32	54701 NEBL_T1	0	0	0	0	0	0	0	0	1	1	0	600	600
8/29/2023 14:33	44802 EDAN_T2	0	0	0	0	0	0	-1.74	-1.7	1	1	0	1200	1200
8/29/2023 14:34	44904 SCOT_T1	4	4	0	0.4	0.1	-0.3	1.19	1.04	0	0	0	0	0
8/29/2023 14:34	43202 MVIL_T2	0	0	0	0	0	0	-0.49	-0.45	0	0	0	0	0
8/29/2023 14:35	48302 ORWI_T2	1	1	0	0.1	0.2	0.1	0.28	0.29	0	0	0	0	0
8/29/2023 14:36	56501 ROCK_T2	0	2	2	0	0.1	0.1	-1.19	-1.17	0	0	0	0	0
8/29/2023 14:36	66703 STRA_T1	0	0	0	0	0	0	0.46	0.46	0	0	0	0	0
8/29/2023 14:36	58402 MORO_T1	0	0	0	0	0	0	-1.58	-1.54	3	3	0	2400	2400
8/29/2023 14:37	48302 ORWI_T2	1	1	0	0.1	0.2	0.1	0.28	0.29	0	0	0	0	0
8/29/2023 14:38	67502 WEWI_T2	0	0	0	0	0	0	-0.65	-0.65	1	1	0	900	900
8/29/2023 14:38	45901 AUBU_T1	0	0	0	0	0	0	1.49	1.55	0	0	0	0	0
8/29/2023 14:39	15001 BLMO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
8/29/2023 14:39	60101 COCA_T1	0	0	0	0	0	0	0.81	0.79	0	0	0	0	0
8/29/2023 14:39	67602 WARW_T2	0	0	0	0	0	0	0.55	0.52	1	1	0	300	300
8/29/2023 14:40	29402 BELT_T1	0	4	4	0	0.15	0.15	0	0	0	0	0	0	0
8/29/2023 14:40	58402 MORO_T1	0	0	0	0	0	0	-1.58	-1.54	3	3	0	2400	2400
8/29/2023 14:41	28604 BLYT_T2	0	0	0	0	0	0	-1.08	-1.07	0	0	0	0	0
8/29/2023 14:41	28403 HART_T2	0	0	0	0	0	0	-0.52	-0.55	1	1	0	900	900
8/29/2023 14:41	20403 ASHF_T2	0	1	1	0	0.1	0.1	1.05	0.79	0	0	0	0	0
8/29/2023 14:41	62606 ENGL_T1	0	1	1	0	0	0	0	0	0	0	0	0	0
8/29/2023 14:42	62606 ENGL_T1	0	1	1	0	0	0	0	0	0	0	0	0	0
8/29/2023 14:42	63402 HONY_T2	1	0	-1	0.5	0	-0.5	0	0	0	0	0	0	0
8/29/2023 14:42	66504 SMAN_T2	0	0	0	0	0	0	-1.2	-1.01	2	2	0	2400	2400
8/29/2023 14:42	29401 BELT_T1	0	17	17	0	0.21	0.21	0	0	1	1	0	900	900
8/29/2023 14:43	63401 HONY_T1	0	0	0	0	0	0	0.53	0.48	1	1	0	600	600
8/29/2023 14:43	56802 BENV_T2	1	1	0	1.1	0.9	-0.2	-0.99	-0.98	0	0	0	0	0
8/29/2023 14:43	67502 WEWI_T2	0	0	0	0	0	0	-0.65	-0.65	1	1	0	900	900
8/29/2023 14:43	15001 BLMO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
8/29/2023 14:44	44801 EDAN_T2	1	1	0	0.5	0.3	-0.2	0	0	0	0	0	0	0
8/29/2023 14:44	62604 ENGL_T1	0	0	0	0	0	0	-0.94	-0.93	1	1	0	600	600
8/29/2023 14:44	10805 CHHI_T2	7	6	-1	1.79	3.37	1.58	-0.8	-0.97	2	2	0	1800	1800
8/29/2023 14:44	45902 AUBU_T1	0	0	0	0	0	0	-0.14	-0.19	1	1	0	600	600
8/29/2023 14:45	17805 GILB_T2	0	1	1	0	0	0	0.5	0.58	0	0	0	0	0
8/29/2023 14:46	62604 ENGL_T1	0	0	0	0	0	0	-0.94	-0.93	1	1	0	600	600
8/29/2023 14:46	40901 JESH_T1	1	0	-1	0.2	0	-0.2	0	0	0	0	0	0	0
8/29/2023 14:46	48302 ORWI_T2	1	1	0	0.2	0.2	0	0.28	0.29	0	0	0	0	0
8/29/2023 14:47	48302 ORWI_T2	1	1	0	0.2	0.2	0	0.28	0.29	0	0	0	0	0
8/29/2023 14:48	54701 NEBL_T1	0	0	0	0	0	0	0	0	1	1	0	600	600
8/29/2023 14:49	44801 EDAN_T2	1	1	0	0.4	0.1	-0.3	0	0	0	0	0	0	0
8/29/2023 14:49	62604 ENGL_T1	0	0	0	0	0	0	-0.93	-0.97	1	1	0	600	600
8/29/2023 14:49	10805 CHHI_T2	6	5	-1	1.95	9.6	7.65	-0.97	-1.01	2	2	0	1800	1800
8/29/2023 14:50	43202 MVIL_T2	0	0	0	0	0	0	-0.45	-0.49	0	0	0	0	0
8/29/2023 14:52	58402 MORO_T1	0	0	0	0

Appendix C - Grid Benefits Achieved in Each Instance of Active Management

8/29/2023 16:03	60301 TWVA_T2	0	0	0	0	0	0	-6.45	-6.48	4	4	0	4200	4200	0
8/29/2023 16:09	15001 BLMO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8/29/2023 16:17	65902 SAKR_T2	0	0	0	0	0	0	-0.69	-0.6	2	2	0	1200	1200	0
8/29/2023 16:22	43402 BENT_T1	0	0	0	0	0	0	-0.63	-0.69	1	1	0	900	900	0
8/29/2023 16:28	56802 BENV_T2	1	1	0	0.8	0.8	0	-0.88	-0.89	0	0	0	0	0	0
8/29/2023 17:22	43402 BENT_T1	0	0	0	0	0	0	-0.82	-0.84	1	1	0	900	900	0
8/29/2023 17:34	52401 GRPA_T2	7	14	7	0.4	0.48	0.08	0	0	0	0	0	0	0	0
8/29/2023 17:35	52404 GRPA_T2	0	0	0	0	0	0	0.34	0.33	0	0	0	0	0	0
8/29/2023 18:15	45802 HEGI_T2	0	1	1	0	0	0	0.13	0.64	1	1	0	300	300	0
8/29/2023 18:22	43402 BENT_T1	0	0	0	0	0	0	-0.84	-0.86	1	1	0	900	900	0
8/29/2023 18:42	43402 BENT_T1	0	0	0	0	0	0	-0.86	-0.86	1	1	0	900	900	0
8/29/2023 19:32	52403 GRPA_T2	2	2	0	0.55	0.3	-0.25	-0.3	-0.31	0	0	0	0	0	0
8/29/2023 19:55	58401 MORO_T1	1	0	-1	0.2	0	-0.2	0	0	0	0	0	0	0	0
8/29/2023 20:44	56802 BENV_T2	2	3	1	0.45	0.3	-0.15	-1.88	-1.95	0	0	0	0	0	0
8/29/2023 21:10	16302 ALPA_T2	0	0	0	0	0	0	-0.25	-0.29	0	0	0	0	0	0
8/29/2023 21:28	10805 CHHI_T2	1	11	10	9	2.47	-6.53	-0.42	-0.51	1	1	0	600	600	0
8/29/2023 21:32	28604 BLYT_T2	0	0	0	0	0	0	-1.06	-1.09	0	0	0	0	0	0
8/29/2023 21:33	29401 BELT_T1	5	0	-5	0.12	0	-0.12	0	0	1	1	0	900	900	0
8/29/2023 21:34	11104 EGYP_T1	0	1	1	0	0.1	0.1	0.53	0.49	0	0	0	0	0	0
8/29/2023 21:36	54701 NEBL_T1	5	7	2	0.24	0.32	0.08	0	0	1	1	0	600	600	0
8/29/2023 21:37	20403 ASHF_T2	0	0	0	0	0	0	0.39	0.38	0	0	0	0	0	0
8/29/2023 21:37	29402 BELT_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8/29/2023 21:38	41602 CLEV_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8/29/2023 21:38	67502 WEWI_T2	0	0	0	0	0	0	-0.99	-0.99	1	1	0	900	900	0
8/29/2023 21:38	47101 MARL_T1	1	1	0	1.7	0	-1.7	0.14	0.1	0	0	0	0	0	0
8/29/2023 21:39	45902 AUBU_T1	0	0	0	0	0	0	-0.7	-0.73	1	1	0	600	600	0
8/29/2023 21:39	56501 ROCK_T2	0	2	2	0	0.15	0.15	-1.09	-1.14	0	0	0	0	0	0
8/29/2023 21:42	42903 MIDD_T2	2	2	0	0.85	1.05	0.2	0	0	0	0	0	0	0	0
8/29/2023 21:43	15001 BLMO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8/29/2023 21:43	10805 CHHI_T2	7	11	4	2.67	9.2	6.53	-0.51	-0.46	1	1	0	600	600	0
8/29/2023 21:44	67602 WARW_T2	0	0	0	0	0	0	1.08	1.09	0	0	0	0	0	0
8/29/2023 21:44	62604 ENGL_T1	0	0	0	0	0	0	-1.13	-1.2	1	1	0	600	600	0
8/29/2023 21:46	29401 BELT_T1	0	0	0	0	0	0	0	0	1	1	0	900	900	0
8/29/2023 21:47	17805 GILB_T2	0	1	1	0	0	0	0	0	0	0	0	0	0	0
8/29/2023 21:48	11104 EGYP_T1	1	2	1	0.1	0.2	0.1	0.53	0.49	0	0	0	0	0	0
8/29/2023 21:49	44502 HAMI_T2	1	3	2	2.7	3	0.3	0.18	0.16	0	0	0	0	0	0
8/29/2023 21:52	41902 REED_T1	0	1	1	0	0	0	0	0	0	0	0	0	0	0
8/29/2023 21:53	43302 WATS_T2	3	4	1	0.17	0.53	0.36	0	0	0	0	0	0	0	0
8/29/2023 21:53	40101 HUNT_T2	0	0	0	0	0	0	-0.66	-0.65	0	0	0	0	0	0
8/29/2023 21:53	47901 HRDG_T1	0	0	0	0	0	0	2.53	2.88	2	2	0	2400	2400	0
8/29/2023 21:56	42903 MIDD_T2	2	2	0	0.9	1.15	0.25	0.09	0.05	0	0	0	0	0	0
8/29/2023 21:57	41602 CLEV_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8/29/2023 21:58	45001 LIME_2	21	28	7	0.29	0.39	0.1	0	0	0	0	0	0	0	0
8/29/2023 22:12	43402 BENT_T1	0	0	0	0	0	0	-0.88	-0.87	1	1	0	900	900	0
8/29/2023 22:29	43402 BENT_T1	0	0	0	0	0	0	-0.87	-0.89	1	1	0	900	900	0
8/29/2023 23:12	43402 BENT_T1	0	0	0	0	0	0	-0.9	-0.89	1	1	0	900	900	0
8/29/2023 23:29	43402 BENT_T1	0	0	0	0	0	0	-0.89	-0.91	1	1	0	900	900	0
8/30/2023 0:12	43402 BENT_T1	0	0	0	0	0	0	-1.53	-1.52	2	2	0	1500	1500	0
8/30/2023 0:28	16302 ALPA_T2	0	0	0	0	0	0	-0.51	-0.46	0	0	0	0	0	0
8/30/2023 0:28	52402 GRPA_T2	2	2	0	1.75	1.7	-0.05	0	0	0	0	0	0	0	0
8/30/2023 0:28	67503 WEWI_T2	0	0	0	0	0	0	-0.4	-0.33	0	0	0	0	0	0
8/30/2023 0:28	17803 GILB_T2	1	1	0	0.2	0.2	0	0	0	0	0	0	0	0	0
8/30/2023 0:28	28403 HART_T2	0	0	0	0	0	0	-1.04	-1.12	2	2	0	1800	1800	0
8/30/2023 0:28	15001 BLMO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8/30/2023 0:28	43301 WATS_T2	1	1	0	0.6	0.7	0.1	0	0	0	0	0	0	0	0
8/30/2023 0:28	52404 GRPA_T2	0	0	0	0	0	0	-0.49	-0.53	0	0	0	0	0	0
8/30/2023 0:28	56802 BENV_T2	1	0	-1	0.3	0	-0.3	-3.42	-3.7	0	0	0	0	0	0
8/30/2023 0:28	67503 WEWI_T2	0	0	0	0	0	0	-0.4	-0.33	0	0	0	0	0	0
8/30/2023 0:28	64301 LINC_T1	0	0	0	0	0	0	-0.08	-0.12	1	1	0	600	600	0
8/30/2023 0:28	64101 REFR_T1	0	0	0	0	0	0	0.51	0.48	0	0	0	0	0	0
8/30/2023 0:28	58402 MORO_T1	0	0	0	0	0	0	-3.39	-3.32	6	6	0	4500	4500	0
8/30/2023 0:28	53601 DALM_T2	1	1	0	1.1	1.1	0	0	0	0	0	0	0	0	0
8/30/2023 0:28	24105 EHAZ_T1	4	4	0	5.58	5.43	-0.15	0	0	0	0	0	0	0	0
8/30/2023 0:28	66505 SMAN_T2	0	0	0	0	0	0	0.43	1.35	4	2	-2	3000	1800	-1200
8/30/2023 0:28	61801 EEU_T2	0	0	0	0	0	0	-0.54	-0.53	1	1	0	600	600	0
8/30/2023 0:28	61202 REIN_T1	34	45	11	0.22	0.28	0.06	0	0	0	0	0	0	0	0
8/30/2023 0:28	42001 MNVL_T2	0	0	0	0	0	0	0.21	0.17	0	0	0	0	0	0
8/30/2023 0:28	60101 COCA_T1	0	0	0	0	0	0	0.83	0.83	0	0	0	0	0	0
8/30/2023 0:28	66504 SMAN_T2	0	0	0	0	0	0	-2.39	-2.36	2	2	0	2400	2400	0
8/30/2023 0:28	59402 RFLD_T2	0	0	0	0	0	0	-1.17	-1.17	1	1	0	450	450	0
8/30/2023 0:28	29402 BELT_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8/30/2023 0:28	47901 HRDG_T1	0	0	0	0	0	0	1.34	1.26	1	1	0	1200	1200	0
8/30/2023 0:28	63402 HONY_T2	1	1	0	0.8	1.3	0.5	0	0	0	0	0	0	0	0
8/30/2023 0:28	48302 ORWI_T2	2	2	0	1.25	0.8	-0.45	-0.33	-0.4	0	0	0	0	0	0
8/30/2023 0:28	40902 JESH_T1	0	0	0	0	0	0	-2.71	-2.84	2	2	0	1200	1200	0
8/30/2023 0:28	62604 ENGL_T1	0	0	0	0	0	0	-5.11	-4.92	4	4	0	2400	2400	0
8/30/2023 0:28	40101 HUNT_T2	2	2	0	0.75	1.35	0.6	-0.47	-0.45	0	0	0	0	0	0
8/30/2023 0:28	15603 NSTR_T2	0	0	0	0	0	0	-0.5	-0.74	0	0	0	0	0	0
8/30/2023 0:28	54701 NEBL_T1	0	0	0	0	0	0	0	0	1	1	0	600	600	0
8/30/2023 0:28	43202 MVIL_T2	0	0	0	0	0	0	-0.66	-0.65	0	0	0	0	0	0
8/30/2023 0:28	63404 HONY_T1	2	2	0	8.45	8.85	0.4	0	0	0	0	0	0	0	0
8/30/2023 0:28	44801 EDAN_T2	1	1	0	1	0.4	-0.6	0	0	0	0	0	0	0	0
8/30/2023 0:28	42201 SHEN_T2	0	0	0	0	0	0	-0.04	-0.04	1	1	0	600	600	0
8/30/2023 0:28	45901 AUBU_T1	0	0	0	0	0	0	5.48	5.47	0	0	0	0	0	0
8/30/2023 0:28	45001 LIME_2	0	2	2	0	0.15	0.15	0	0	0	0	0	0	0	0
8/30/2023 0:28	13503 MCMI_T2	0	0	0	0	0	0	-0.01	-0.01	0	0	0	0	0	0
8/30/2023 0:28	67204 TEHI_T2	0	0	0	0	0	0	-0.41	-0.39	0	0	0	0	0	0
8/30/2023 0:28	45802 HEGI_T2	0	0	0	0	0	0	0.61	-0.11	1	2	1	300	1200	900
8/30/2023 0:28	53501 EVIL_T2	1	1	0	0.2	0.1	-0.1	-1.91	-1.9	3	3	0	1800	1800	0
8/30/2023 0:28	64702 LITI_T2	0	0	0	0	0	0	-0.14	-0.54	0	0	0	0	0	0
8/30/2023 0:28	65902 SAKR_T2	0	0	0	0	0	0	-0.06	-0.07	0	0	0	0	0	0
8/30/2023 0:28	12701 MACU_T1	0	0	0	0	0	0	-2.24	0.22	2	0	-2	2400	0	-2400
8/30/2023 0:28	59101 WALK_T2	1	1	0	0	0	0	3.56	3.78	4	4	0	1800	1800	0
8/30/2023 0:28	66703 STRA_T1	0	4	4	0	0.23	0.23	-0.19	-0.19	0	0	0	0	0	0
8/30/2023 0:28	60301 TWVA_T2	0	0	0	0	0	0	-3.82	-3.88	4	4	0	3000	3000	0
8/30/2023 0:28	44904 SCOT_T1	0	0	0	0	0	0	0.71	0.69	0	0	0	0	0	0
8/30/2023 0:29	43402 BENT_T1	0	0	0	0	0	0	-1.52	-0.9	2	1	-1	1500	900	-600
8/30/2023 1:12	43402 BENT_T1	0	0	0	0	0	0	-0.91	-0.91	1	1	0	900	900	0
8/30/2023 1:16	60101 COCA_T1	0	0	0	0	0	0	0.37	0.4	0	0	0	0	0	0
8/30/2023 1:29	43402 BENT_T1	0	0	0	0	0	0	-0.91	-0.92	1	1	0	900	900	0
8/30/2023 2:12	43402 BENT_T1	0	0	0	0	0	0	-0.91	-0.92	1	1	0	900	900	0
8/30/2023 8:08	59101 WALK_T2	1	1	0	0	0	0	2.03	2.01	1	1	0	450	450	0
8/30/2023 8:17	58402 MORO_T1	0	0	0	0	0	0	-1.8	-1.77	3	3	0	2400	2400	0
8/30/2023 8:19	54701 NEBL_T1	0	0	0	0	0	0	0	0	1	1	0	600	600	0
8/30/2023 8:22	58402 MORO_T1	0	0	0	0	0	0	-1.77	-1.8	3	3	0	2400	2400	0
8/30/2023 8:38	67204 TEHI_T2	0	0	0	0	0	0	-0.25	-0.28	0	0	0	0	0	0
8/30/2023 8:38	45901 AUBU_T1	0	0	0	0	0	0	1.64	1.72	0	0	0	0	0	0
8/30/2023 8:40	45901 AUBU_T1	0	0	0	0	0	0	1.64	1.72	0	0	0	0	0	0
8/30/2023 8:41	53601 DALM_T2	1	0	-1	0.1	0	-0.1	-0.27	-0.26	1	1	0	900	900	0
8/30/2023 8:43	45901 AUBU_T1	0	0	0	0	0	0	1.64	1.72	0	0	0	0	0	0
8/30/2023 8:44	67204 TEHI_T2	0	0	0	0	0	0	-0.25	-0.28	0	0	0	0	0	0
8/30/2023 9:00	58402 MORO_T1	0	0	0	0	0	0	-1.73	-1.63	3	3	0	2400	2400	0
8/30/2023 9:00	40101 HUNT_T2	0	2	2	0	0	0	-0.38	-0.34	0	0	0	0	0	0
8/30/2023 9:05	67204 TEHI_T2	0	0	0	0	0	0	-0.19	-0.22	0	0	0	0	0	0
8/30/2023 9:07	59101 WALK_T2	1	2	1	0	0.5	0.5	1.42	1.56	2	1	-1	1050	450	-600
8/30/2023 9:11	67204 TEHI_T2	0	0	0	0	0	0	-0.19	-0.22	0	0	0	0	0	0
8/30/2023 9:22	56802 BENV_T2	2	1	-1	0.6	1	0.4	-1.04	-1.04	0	0	0	0	0	0
8/30/2023 9:32	42001 MNVL_T2	0	0	0	0	0	0	0.29	0.3	0	0	0	0	0	0
8/30/2023 9:32	48302 ORWI_T2	2	2	0	0.9	0.7	-0.2	0.13	0.13	0	0	0	0	0	0
8/30/2023 9:40	67204 TEHI_T2	0	0	0	0	0	0	-0.22	-0.21	0	0	0	0	0	0
8/30/2023 9:42	23401 HONE_T2	0	0	0	0	0	0	0.03	-0.02	0	0	0	0	0	0
8/30/2023 10:00	66505 SMAN_T2	0	0	0	0	0	0	0.4	0.41	3	3	0	2100	2100	0
8/30/2023 10:00	59101 WALK_T2	1	1	0	0	0	0	1.62	1.96	0	0	0	0	0	0
8/30/2023 10:08	56801 BENV_T1	20	21	1	0.83	0.7	-0.13	0	0	0	0	0	0	0	0
8/30/2023 10:10	24102 EHAZ_T1	1	3	2	0.2	0	-0.2	0	0	0	0	0	0	0	0
8/30/2023 10:18	23401 HONE_T2	0	0	0	0	0	0	0.02	0	0	0	0	0	0	0
8/30/2023 10:23	56803 BENV_T1	1	2	1	0.5	0.4	-0.1	0.71	0.79	0	0	0	0	0	0
8/30/2023 10:23	43304 WATS_T2	0	0	0	0	0	0	-0.43	-0.42	0	0	0	0	0	0
8/30/2023 10:24	56802 BENV_T2	1	1	0	0.6	0.9	0.3	-0.93	-0.96	0	0	0	0	0	0
8/30/2023 10:27	54701 NEBL_T1	0	0	0	0	0	0	0	0	1	1	0	600	600	0
8/30/2023 10:28	53502 EVIL_T2	0	1	1	0	0.4	0.4	0	0	0	0	0	0	0	0
8/30/2023 10:29	43402 BENT_T1	0	1	1	0	0.1	0.1	-1.16	-1.13	2	2	0	1500	1500	0
8/30/2023 14:05	53501 EVIL_T2	0	1	1	0	0.1	0.1	-1.31	-1.32	4	4	0	2700	2700	0
8/30/2023 14:08	53502 EVIL_T2	2	1	-1	0.3	0	-0.3	0	0	0	0	0	0	0	0
8/30/2023 14:13	53501 EVIL_T2	0	1	1	0	0.1	0.1	-1.31	-1.32	4	4	0	2700	2700	0
8/30/2023 14:21	53501 EVIL_T2	0	1	1	0	0.1	0.1	-1.32	-1.48	4	4	0	2700	2700	0
8/30/2023 14:23	53502 EVIL_T2	1	0	-1	0.1	0	-0.1	0	0	0	0	0	0	0	0
8/30/2023 14:29	53501 EVIL_T2	0	1	1	0	0.1	0.1	-1.32	-1.48	4	4	0	2700	2700	0
8/30/2023 14:37	53502 EVIL_T2	0	1	1	0	0	0	0	0	0	0	0	0	0	0
8/30/2023 14:39	53502 EVIL_T2	0	1	1	0	0	0	0	0	0	0	0	0	0	0
8/30/2023 14:43	53501 EVIL_T2	1	1	0	0.1	0.1	0	-1.48	-1.39	4	4	0	2700	2700	0
8/30/2023 15:25	53501 EVIL_T2	0	1	1	0	0.1	0.1	-1.19	-1.4	4	4	0	2700	2700	0
8/30/2023 15:39	56803 BENV_T1	1	1	0	0.4	0.2	-0.2	0.2	0.27	1	1	0	600	600	0
8/30/2023 15:55	56801 BENV_T1	10	8	-2	0.75	0.4	-0.35	0	0	0	0	0	0	0	0
8/30/2023 16:16	65902 SAKR_T2	0	0	0	0	0	0	-0.68	-0.79	2	2	0	1200	1200	0
8/30/2023 16:25	56802 BENV_T2	2	2	0	0.3	0.25	-0.05	-0.8	-0.81	0	0	0	0	0	0
8/30/2023 16:30	56802 BENV_T2	2	2	0	0.25	0.25	0	-0.8	-0.81	0	0	0	0	0	0
8/30/2023 18:37	56801 BENV_T1	1	1	0	1	0.9	-0.1	-0.25	-0.26	1	1	0	600	600	0
8/30/2023 18:40	56801 BENV_T1	1	1	0	1	0.9	-0.1	-0.25	-0.26	1	1	0	600	600	0
8/30/2023 20:04	59101 WALK_T2	0	1	1	0	0	0	1.41	1.44	1	1	0	450	450	0
8/30/2023 20:12	24105 EHAZ_T1	4	4	0	6.28	5.83	-0.45	0	0	0	0	0	0	0	0
8/30/2023 20:15	23401 HONE_T2	0	0	0	0	0	0	-0.05	-0.06	0	0	0	0	0	0
8/30/2023 20:25	54701 NEBL_T1	0	0	0	0	0	0	0	0	1	1	0	600	600	0
8/30/2023 20:27	43304 WATS_T2	1	0	-1	0.3	0	-0.3	-0.33	-0.35	0	0	0	0	0	0
8/30/2023 21:37	56802 BENV_T2	9	177	168	0.2	0.25	0.05	-1.13	-1.14	0	0	0	0	0	0
8/30/2023 21:58	56802 BENV_T2	38	177	139	0.19	0.25	0.06	-1.14	-1.2	0	0	0	0	0	0
8/31/2023 0:28	56801 BENV_T1	12	28	16	0.45	0.6	0.15	0	0	0	0	0	0	0	0
8/31/2023 0:28	53501 EVIL_T2	0	3	3	0	0.1	0.1	-1.11	-1.03	0	0	0	0	0	0
8/31/2023 0:28	65902 SAKR_T2	0	0	0	0	0	0	-0.43	-0.43	1	1	0	300	300	0
8/31/2023 0:28	56802 BENV_T2	0	1	1	0	0.3	0.3	-1.31	-1.36	0	0	0	0	0	0
8/31/2023 8:11	45901 AUBU_T1	0	0	0	0	0	0	1.54	1.57	0	0	0	0	0	0
8/31/2023 8:16	20201 JERM_T1	0	0	0	0	0	0	1.91	1.16	0	1	1	0	1200	1200
8/31/2023 8:19	59101 WALK_T2	1	1	0	0	0	0	1.93	2.16	1	1	0	600	600	0
8/31/2023 8:24	56802 BENV_T2	11	276	265	0.27	0.4	0.13	-1.31	-1.25	0	0	0	0	0	0
8/31/2023 8:26	40101 HUNT_T2	2	2	0	0.55	0.8	0.25	-0.15	-0.22	0	0	0	0	0	0
8/31/2023 8:28	56802 BENV_T2	11	276	265	0.27	0.4	0.13	-1.31	-1.25	0	0	0	0	0	0
8/31/2023 8:29	56802 BENV_T2	11	276	265	0.27	0.4	0.13	-1.31	-1.25	0	0	0	0	0	0
8/31/2023 8:54	53601 DALM_T2	1	1	0	0.4	0.5	0.1	-0.14	-0.06	2	2	0	1500	1500	0
8/31/2023 9:08	67204 TEHI_T2	0	0	0	0	0	0	-0.03	-0.01	0	0	0	0	0	0
8/31/2023 9:08	26603 BROO_T1	0	0	0	0	0	0	0.33	0.38	0	0	0	0	0	0
8/31/2023 9:11	67204 TEHI_T2	0	0	0	0	0	0	-0.03	-0.01	0	0	0	0	0	0
8/31/2023 9:12	58402 MORO_T1	0	0	0	0	0	0	-1.71	-1.69	3	3	0	2400	2400	0
8/31/2023 9:15	58402 MORO_T1	0	0	0	0	0	0	-1.71	-1.69	3	3	0	2400	2400	0
8/31/2023 9:20	44901 SCOT_T2	0	0	0	0	0	0	0.34	0.52	0	0	0	0	0	0
8/31/2023 9:22	59102 WALK_T2	2	1	-1	0.45	0.6	0.15	0	0	0	0	0	0	0	0
8/31/2023 9:24	56802 BENV_T2	353	14	-339	0.32	0.31	-0.01	-1.22	-0.57	0	0	0	0	0	0
8/31/2023 9:31	13503 MCMI_T2	0	0	0	0	0	0	-0.01	-0.01	0	0	0	0	0	0
8/31/2023 9:33	42201 SHEN_T2	0	0	0	0	0	0	-0.06	-0.04	1	1	0	600	600	0
8/31/2023 9:35	13704 SCHN_T2	1	0	-1	0.1	0	-0.1	0.13	0.15	0	0	0

8/31/2023 10:16	44802 EDAN_T2	0	0	0	0	0	0	-1.92	-1.86	1	1	0	1200	1200	0
8/31/2023 10:17	64801 MONE_T2	0	1	1	0	0.3	0.3	0	0	0	0	0	0	0	0
8/31/2023 10:18	52502 PROG_T2	1	1	0	0.1	0.4	0.3	-0.51	-0.49	1	1	0	900	900	0
8/31/2023 10:18	12701 MACU_T1	0	0	0	0	0	0	0.2	0.2	0	0	0	0	0	0
8/31/2023 10:19	43202 MVIL_T2	0	1	1	0	0	0	-0.57	-0.53	0	0	0	0	0	0
8/31/2023 10:19	56802 BENV_T2	1	5	4	0.7	0.24	-0.46	-0.52	-0.47	0	0	0	0	0	0
8/31/2023 10:19	56501 ROCK_T2	2	2	0	0.25	0.2	-0.05	-0.05	-0.05	0	0	0	0	0	0
8/31/2023 10:19	45901 AUBU_T1	0	0	0	0	0	0	1.49	1.48	0	0	0	0	0	0
8/31/2023 10:21	59101 WALK_T2	1	3	2	0	0.25	0.25	1.54	1.99	1	1	0	600	600	0
8/31/2023 10:21	67204 TEHI_T2	0	0	0	0	0	0	0.04	0.05	0	0	0	0	0	0
8/31/2023 10:21	12701 MACU_T1	0	0	0	0	0	0	0.2	0.19	0	0	0	0	0	0
8/31/2023 10:22	66502 SMAN_T2	1	1	0	0.1	0.3	0.2	0	0	0	0	0	0	0	0
8/31/2023 10:23	52502 PROG_T2	1	1	0	0.1	0.4	0.3	-0.49	-0.46	1	1	0	900	900	0
8/31/2023 10:23	59101 WALK_T2	1	3	2	0	0.25	0.25	1.54	1.99	1	1	0	600	600	0
8/31/2023 10:24	59102 WALK_T2	1	2	1	0.2	0.2	0.33	0.13	0	0	0	0	0	0	0
8/31/2023 10:25	67204 TEHI_T2	0	0	0	0	0	0	0.04	0.05	0	0	0	0	0	0
8/31/2023 10:26	17805 GILB_T2	0	0	0	0	0	0	0.23	0.22	0	0	0	0	0	0
8/31/2023 10:27	28403 HART_T2	0	0	0	0	0	0	-0.77	-0.75	1	1	0	900	900	0
8/31/2023 10:28	28604 BLYT_T2	0	0	0	0	0	0	-1.29	-1.25	0	0	0	0	0	0
8/31/2023 10:28	13503 MCMI_T2	0	0	0	0	0	0	-0.01	-0.01	0	0	0	0	0	0
8/31/2023 10:31	59301 MCAL_T1	3	2	-1	0.27	0.25	-0.02	-1.61	-1.59	1	1	0	600	600	0
8/31/2023 10:32	13704 SCHN_T2	0	0	0	0	0	0	0.1	0.2	0	0	0	0	0	0
8/31/2023 10:35	67502 WEWI_T2	1	1	0	0.5	0.4	-0.1	-0.04	-0.04	0	0	0	0	0	0
8/31/2023 10:38	66504 SMAN_T2	2	3	1	0.3	0.57	0.27	0	0	0	0	0	0	0	0
8/31/2023 10:40	67502 WEWI_T2	1	1	0	0.5	0.4	-0.1	-0.04	-0.04	0	0	0	0	0	0
8/31/2023 10:43	24101 EHAZ_T1	0	18	18	0	0.4	0.4	0.51	0.54	3	3	0	1800	1800	0
8/31/2023 10:43	52004 LING_T2	3	3	0	0.67	0.67	0	0.49	0.49	0	0	0	0	0	0
8/31/2023 10:45	67502 WEWI_T2	1	1	0	0.4	0.5	0.1	-0.04	-0.04	0	0	0	0	0	0
8/31/2023 10:49	52502 PROG_T2	1	1	0	0.4	0.4	0	-0.45	-0.42	1	1	0	900	900	0
8/31/2023 10:49	66701 STRA_T1	1	1	0	0.9	0.8	-0.1	0	0	0	0	0	0	0	0
8/31/2023 10:50	67502 WEWI_T2	1	1	0	0.4	0.5	0.1	0	0	0	0	0	0	0	0
8/31/2023 10:51	44301 BEAV_T2	8	9	1	0.31	0.49	0.18	0.12	-0.08	2	2	0	1500	1500	0
8/31/2023 10:53	15001 BLMO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8/31/2023 10:55	29401 BELT_T1	53	72	19	0.22	0.3	0.08	0	0	0	0	0	0	0	0
8/31/2023 10:55	15001 BLMO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8/31/2023 10:56	58402 MORO_T1	0	0	0	0	0	0	-1.71	-1.64	3	3	0	2400	2400	0
8/31/2023 10:56	54502 ENOL_T2	1	3	2	0.5	0.3	-0.2	-1.93	-1.9	1	1	0	600	600	0
8/31/2023 10:56	10805 CHHI_T2	1	1	0	8.6	8.4	-0.2	-0.79	-0.94	2	2	0	1800	1800	0
8/31/2023 10:59	28403 HART_T2	0	0	0	0	0	0	-0.74	-0.71	1	1	0	900	900	0
8/31/2023 11:00	58402 MORO_T1	0	0	0	0	0	0	-1.71	-1.64	3	3	0	2400	2400	0
8/31/2023 11:01	42001 MNVL_T2	2	3	1	0.4	0.5	0.1	0.2	0.23	0	0	0	0	0	0
8/31/2023 11:01	64301 LINC_T1	0	0	0	0	0	0	0.34	0.33	1	1	0	600	600	0
8/31/2023 11:01	54701 NEBL_T1	4	5	1	0.1	0.26	0.16	0	0	1	1	0	600	600	0
8/31/2023 11:02	54505 ENOL_T2	1	1	0	1	0.9	-0.1	0	0	0	0	0	0	0	0
8/31/2023 11:02	52502 PROG_T2	1	2	1	0.4	0.2	-0.2	-0.45	-0.42	1	1	0	900	900	0
8/31/2023 11:03	59402 RFLD_T2	0	0	0	0	0	0	-1.18	-1.13	1	1	0	450	450	0
8/31/2023 11:04	66703 STRA_T1	0	0	0	0	0	0	0.11	0.2	0	0	0	0	0	0
8/31/2023 11:04	42902 MIDD_T2	0	1	1	0	0.3	0.3	0.04	-0.02	0	0	0	0	0	0
8/31/2023 11:05	42201 SHEN_T2	1	2	1	0.6	0.25	-0.35	0.01	0.06	1	1	0	600	600	0
8/31/2023 11:07	49804 UNIV_T1	0	0	0	0	0	0	1.74	1.66	0	0	0	0	0	0
8/31/2023 11:07	29402 BELT_T1	2	4	2	0.35	0.3	-0.05	0	0	0	0	0	0	0	0
8/31/2023 11:07	56801 BENV_T1	44	48	4	0.64	0.66	0.02	-0.6	-0.59	1	1	0	600	600	0
8/31/2023 11:08	60803 BUCK_T1	0	0	0	0	0	0	-0.59	-0.63	1	1	0	600	600	0
8/31/2023 11:08	52502 PROG_T2	1	2	1	0.4	0.2	-0.2	-0.42	-0.41	1	1	0	900	900	0
8/31/2023 11:08	56802 BENV_T2	3	3	0	0.33	0.3	-0.03	-0.49	-0.45	0	0	0	0	0	0
8/31/2023 11:09	67503 WEWI_T2	0	0	0	0	0	0	-0.03	0.01	0	0	0	0	0	0
8/31/2023 11:09	10805 CHHI_T2	1	1	0	8.5	8.4	-0.1	-0.94	-0.88	2	2	0	1800	1800	0
8/31/2023 11:10	56803 BENV_T1	4	6	2	0.45	0.42	-0.03	0	0	0	0	0	0	0	0
8/31/2023 11:10	56802 BENV_T2	3	3	0	0.33	0.3	-0.03	-0.49	-0.45	0	0	0	0	0	0
8/31/2023 11:12	60801 BUCK_T1	5	8	3	0.2	0.18	-0.02	0	0	0	0	0	0	0	0
8/31/2023 11:12	56803 BENV_T1	4	6	2	0.45	0.42	-0.03	0	0	0	0	0	0	0	0
8/31/2023 11:13	29402 BELT_T1	2	4	2	0.35	0.3	-0.05	0	0	0	0	0	0	0	0
8/31/2023 11:13	12701 MACU_T1	0	0	0	0	0	0	0.27	0.2	0	0	0	0	0	0
8/31/2023 11:14	52502 PROG_T2	1	2	1	0.4	0.2	-0.2	-0.42	-0.41	1	1	0	900	900	0
8/31/2023 11:16	15601 NSTR_T2	2	3	1	0.25	0.33	0.08	0	0	0	0	0	0	0	0
8/31/2023 11:18	52403 GRPA_T2	5	10	5	0.44	0.62	0.18	0.17	0.13	0	0	0	0	0	0
8/31/2023 11:20	59101 WALK_T2	1	1	0	0	0	0	1.88	1.76	1	1	0	600	600	0
8/31/2023 11:20	13704 SCHN_T2	0	0	0	0	0	0	0.19	0.2	0	0	0	0	0	0
8/31/2023 11:22	56803 BENV_T1	5	7	2	0.32	0.42	0.1	0	0	0	0	0	0	0	0
8/31/2023 11:22	15001 BLMO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8/31/2023 11:22	16301 ALPA_T1	1	1	0	0.1	0.1	0	-1.31	-1.32	0	0	0	0	0	0
8/31/2023 11:22	42701 AUGU_T1	1	1	0	0.5	0.4	-0.1	0	0	2	2	0	1800	1800	0
8/31/2023 11:23	56803 BENV_T1	5	7	2	0.32	0.42	0.1	0	0	0	0	0	0	0	0
8/31/2023 11:23	42701 AUGU_T1	1	1	0	0.5	0.4	-0.1	0	0	2	2	0	1800	1800	0
8/31/2023 11:23	59102 WALK_T2	1	1	0	0.4	0.6	0.2	0	0	0	0	0	0	0	0
8/31/2023 11:25	16301 ALPA_T1	1	1	0	0.1	0.1	0	-1.31	-1.32	0	0	0	0	0	0
8/31/2023 11:25	62105 ELAN_T1	0	3	3	0	0.47	0.47	0.6	0.58	0	0	0	0	0	0
8/31/2023 11:25	15001 BLMO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8/31/2023 11:26	56803 BENV_T1	5	7	2	0.32	0.42	0.1	0	0	0	0	0	0	0	0
8/31/2023 11:27	15001 BLMO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8/31/2023 11:28	56803 BENV_T1	5	7	2	0.32	0.42	0.1	0	0	0	0	0	0	0	0
8/31/2023 11:29	53902 HALI_T2	1	1	0	0.8	1	0.2	0	0	0	0	0	0	0	0
8/31/2023 11:30	42901 MIDD_T2	0	2	2	0	0.1	0.1	0	0	0	0	0	0	0	0
8/31/2023 11:32	54701 NEBL_T1	5	4	-1	0.26	0.18	-0.08	0	0	1	1	0	600	600	0
8/31/2023 11:33	43201 MVIL_T2	1	0	-1	0.2	0	-0.2	0	0	0	0	0	0	0	0
8/31/2023 11:35	13704 SCHN_T2	0	0	0	0	0	0	0.2	0.22	0	0	0	0	0	0
8/31/2023 11:35	67204 TEHI_T2	0	0	0	0	0	0	0.04	0.06	0	0	0	0	0	0
8/31/2023 11:35	54701 NEBL_T1	5	4	-1	0.26	0.18	-0.08	0	0	1	1	0	600	600	0
8/31/2023 11:36	66703 STRA_T1	0	0	0	0	0	0	0.23	0.23	0	0	0	0	0	0
8/31/2023 11:38	67204 TEHI_T2	0	0	0	0	0	0	0.04	0.06	0	0	0	0	0	0
8/31/2023 11:39	62607 ENGL_T1	1	0	-1	0.1	0	-0.1	0	0	0	0	0	0	0	0
8/31/2023 11:40	10805 CHHI_T2	1	1	0	8.5	8.7	0.2	-0.85	-0.75	2	2	0	1800	1800	0
8/31/2023 11:40	62607 ENGL_T1	1	0	-1	0.1	0	-0.1	0	0	0	0	0	0	0	0
8/31/2023 11:42	62604 ENGL_T1	0	0	0	0	0	0	-1.08	-0.99	1	1	0	600	600	0
8/31/2023 11:43	52401 GRPA_T2	2	2	0	0.25	0.4	0.15	0	0	0	0	0	0	0	0
8/31/2023 11:43	28604 BLYT_T2	0	0	0	0	0	0	-1.24	-1.23	0	0	0	0	0	0
8/31/2023 11:43	10805 CHHI_T2	1	1	0	8.5	8.7	0.2	-0.85	-0.75	2	2	0	1800	1800	0
8/31/2023 11:45	12701 MACU_T1	0	0	0	0	0	0	0.36	0.37	0	0	0	0	0	0
8/31/2023 11:47	42903 MIDD_T2	4	4	0	0.68	0.83	0.15	0	0	0	0	0	0	0	0
8/31/2023 11:47	54701 NEBL_T1	4	2	-2	0.18	0.25	0.07	0	0	1	1	0	600	600	0
8/31/2023 11:48	43202 MVIL_T2	0	0	0	0	0	0	-0.55	-0.54	0	0	0	0	0	0
8/31/2023 11:48	12701 MACU_T1	0	0	0	0	0	0	0.18	0.18	0	0	0	0	0	0
8/31/2023 11:48	59402 RFLD_T2	0	1	1	0	0.1	0.1	-1.09	-1.17	1	1	0	450	450	0
8/31/2023 11:51	67204 TEHI_T2	0	0	0	0	0	0	0.06	0.03	0	0	0	0	0	0
8/31/2023 11:52	42802 SELI_T1	2	5	3	0.6	0.7	0.1	-1.72	-1.78	1	1	0	900	900	0
8/31/2023 11:52	66703 STRA_T1	0	0	0	0	0	0	0.23	0.25	0	0	0	0	0	0
8/31/2023 11:53	42802 SELI_T1	2	5	3	0.6	0.7	0.1	-1.72	-1.78	1	1	0	900	900	0
8/31/2023 11:54	60701 BREC_T1	4	3	-1	0.55	0.47	-0.08	-0.19	0.04	1	2	0	1200	1200	0
8/31/2023 11:54	67204 TEHI_T2	0	0	0	0	0	0	0.06	0.03	0	0	0	0	0	0
8/31/2023 11:54	44301 BEAV_T2	15	12	-3	0.37	0.38	0.01	-0.19	-0.62	2	2	0	1500	1500	0
8/31/2023 11:56	60701 BREC_T1	4	3	-1	0.55	0.47	-0.08	-0.37	0.08	4	4	0	2400	2400	0
8/31/2023 11:57	24101 EHAZ_T1	1	1	0	0.1	1	0.9	0.35	0.31	3	3	0	1800	1800	0
8/31/2023 11:57	62105 ELAN_T1	2	3	1	0.6	0.5	-0.1	0.61	0.62	0	0	0	0	0	0
8/31/2023 11:57	10805 CHHI_T2	1	1	0	8.7	8.7	0	-0.75	-0.81	2	2	0	1800	1800	0
8/31/2023 11:58	10805 CHHI_T2	1	1	0	8.7	8.7	0	-0.75	-0.81	2	2	0	1800	1800	0
8/31/2023 11:59	44302 BEAV_T2	9	17	8	0.49	0.57	0.08	0	0	0	0	0	0	0	0
8/31/2023 12:01	40901 JESH_T1	0	1	1	0	0.2	0.2	0	0	0	0	0	0	0	0
8/31/2023 12:02	10805 CHHI_T2	1	1	0	9.1	8.7	-0.4	-0.75	-0.81	2	2	0	1800	1800	0
8/31/2023 12:02	24104 EHAZ_T1	1	2	1	0.2	0.2	0	0	0	0	0	0	0	0	0
8/31/2023 12:02	44302 BEAV_T2	12	17	5	0.58	0.55	-0.03	0.32	0.35	0	0	0	0	0	0
8/31/2023 12:02	62105 ELAN_T1	3	2	-1	0.5	0.5	0	0.61	0.62	0	0	0	0	0	0
8/31/2023 12:04	10805 CHHI_T2	1	1	0	9.1	8.7	-0.4	-0.81	-0.92	2	2	0	1800	1800	0
8/31/2023 12:07	42902 MIDD_T2	2	1	-1	0.3	0.6	0.3	-0.07	-0.09	0	0	0	0	0	0
8/31/2023 12:09	43201 MVIL_T2	0	1	1	0	0.4	0.4	0	0	0	0	0	0	0	0
8/31/2023 12:09	54701 NEBL_T1	2	2	0	0.25	0.15	-0.1	0	0	1	1	0	600	600	0
8/31/2023 12:11	59301 MCAL_T1	4	4	0	0.15	0.53	0.38	-1.47	-1.49	1	1	0	600	600	0
8/31/2023 12:13	54701 NEBL_T1	2	2	0	0.25	0.15	-0.1	0	0	1	1	0	600	600	0
8/31/2023 12:15	44302 BEAV_T2	17	10	-7	0.55	0.43	-0.12	0	0	0	0	0	0	0	0
8/31/2023 12:18	53901 HALI_T2	5	5	0	0.38	0.52	0.14	0	0	0	0	0	0	0	0
8/31/2023 12:18	28604 BLYT_T2	0	0	0	0	0	0	-1.22	-1.2	0	0	0	0	0	0
8/31/2023 12:21	29401 BELT_T1	38	23	-15	0.17	0.16	-0.01	0	0	1	1	0	900	900	0
8/31/2023 12:25	46506 LOHA_T1	0	1	1	0	0.4	0.4	-1.37	-1.37	1	1	0	900	900	0
8/31/2023 12:29	42701 AUGU_T1	2	2	0	0.45	0.45	0	0	0	2	2	0	1800	1800	0
8/31/2023 12:31	42701 AUGU_T1	2	2	0	0.45	0.35	-0.1	0	0	2	2	0	1800	1800	0
8/31/2023 12:32	42701 AUGU_T1	2	2	0	0.45	0.35	-0.1	0	0	2	2	0	1800	1800	0
8/31/2023 12:38	42902 MIDD_T2	1	1	0	0.4	0.8	0.4	-0.06	-0.11	0	0	0	0	0	0
8/31/2023 12:43	59402 RFLD_T2	0	2	2	0	0.1	0.1	-0.79	-0.48	1	1	0	450	450	0
8/31/2023 12:48	62604 ENGL_T1	0	0	0	0	0	0	-2.17	-1.89	2	2	0	1200	1200	0
8/31/2023 12:48	62607 ENGL_T1	0	0	0	0	0	0	0.01	0.01	1	1	0	300	300	0
8/31/2023 12:49	62604 ENGL_T1	0	0	0	0	0	0	-0.94	-1.05	1	1	0	600	600	0
8/31/2023 12:49	11102 EGYP_T1	0	2	2	0	0	0	0	0	0	0	0	0	0	0
8/31/2023 12:50	11104 EGYP_T1	0	0	0	0	0	0	0.9	0.89	0	0	0	0	0	0
8/31/2023 12:50	62604 ENGL_T1	0	0	0	0	0	0	-0.94	-1.05	1	1	0	600	600	0
8/31/2023 12:51	62604 ENGL_T1	0	0	0	0	0	0	-0.94	-1.05	1	1	0	600	600	0
8/31/2023 12:53	58402 MORO_T1	0	0	0	0	0	0	-1.74	-1.69	3	3	0	2400	2400	0
8/31/2023 12:55	58402 MORO_T1	0	0	0	0	0	0	-1.74	-1.69	3	3	0	2400	2400	0
8/31/2023 12:56	54701 NEBL_T1	0	0	0	0	0	0	0	0	1	1	0	600	600	0
8/31/2023 12:59	67602 WARW_T2	0	0	0	0	0	0	0.82	0.81	1	1	0	1200	1200	0
8/31/2023 12:59	58402 MORO_T1	0	0	0	0	0	0	-1.74	-1.69	3	3	0	2400	2400	0
8/31/2023 12:59	15001 BLMO_T1	1	1	0	0.1	0.2	0.1	0	0	0	0	0	0	0	0
8/31/2023 13:00	15001 BLMO_T1	1	1	0	0.1	0.2	0.1	0	0	0	0	0	0	0	0
8/31/2023 13:01	10805 CHHI_T2	1	1	0	8.7	8.5	-0.2	-0.84	-0.91	2	2	0	1800	1800	0
8/31/2023 13:01	61302 EARL_T1	1	1	0	0.2	0.2	0	0	0	0	0	0	0	0	0
8/31/2023 13:02	15001 BLMO_T1	1	1	0	0.1	0.2	0.1	0	0	0	0	0	0	0	0
8/31/2023 13:03	28604 BLYT_T2	0	0	0	0	0	0	-1.19	-1.17	0	0	0	0	0	0
8/31/2023 13:07	46506 LOHA_T1	1	1	0	0.2	0.7	0.5	-1.39	-1.3	1	1	0	900	900	0
8/31/2023 13:11	46506 LOHA_T1	1	1	0	0.2	0.7	0.5	-1.39	-1.3	1	1	0	900	900	0
8/31/2023 13:15	13704 SCHN_T2	0	0	0	0	0	0	0.3	0.27	0	0	0	0	0	0
8/31/2023 13:17	61303 EARL_T1	0	0	0	0	0	0	0.45	0.54	0	0	0	0	0	0
8/31/2023 13:30	67602 WARW_T2	0	0	0	0	0	0	0.79	0.75	1	1	0	1200	1200	0
8/31/2023 13:33	13503 MCMI_T2	0	0	0	0	0	0	-0.01	-0.01	0	0	0	0	0	0
8/31/2023 13:33	10805 CHHI_T2	1	1	0	8.5	8.2	-0.3	-1.08	-1.05	2	2	0	1800	1800	0
8/31/2023 13:35	62607 ENGL_T1	0	0	0	0	0	0	0.01	0.01	1	1	0	300	300	0
8/31/2023 13:38	46503 LOHA_T1	0	1	1	0	0	0	0	0	0	0	0	0	0	0
8/31/2023 13:41	54701 NEBL_T1	0	4	4	0	0.2	0.2	0	0	1	1	0	600	600	0
8/31/2023 13:42	66703 STRA_T1	0	0	0	0	0	0	0.36	0.46	0	0	0	0	0	0
8/31/2023 13:44	42701 AUGU_T1	2	2	0	0.15	0.35	0.2	0	0	2	2	0	1800	1800	0
8/31/2023 13:44	16301 ALPA_T1	0	0	0	0	0	0	-1.12	-1.13	0	0	0	0	0	0
8/31/2023 13:45	16301 ALPA_T1	0	0	0	0	0	0	-1.12	-1.13	0	0	0	0	0	0
8/31/2023 13:45	42701 AUGU_T1	2	2	0	0.35	0.15	-0.2	0	0	2	2	0	1800	1800	0
8/31/2023 13:46	15001 BLMO_T1	0	0	-1	0.2	0	-0.2	0	0	0	0	0	0	0	0
8/31/2023 13:47	28604 BLYT_T2	0	1	1	0	0	0	-1.15	-1.16	0	0	0	0	0	0
8/31/2023 14:06	40901 JESH_T1	0	1	1	0	0.1	0.1	0	0	0	0	0	0	0	0
8/31/2023 14:07	58401 MORO_T1	0	2	2	0	0.4	0.4	-1.71	-1.72	3	3	0	2400	2400	0
8/31/2023 14:09	58402 MORO_T1	0	2	2	0	0.4	0.4	-1.71	-1.72	3	3	0	2400	2400	0
8/31/2023 14:09	52502 PROG_T2	0	0	0	0	0	0	-0.59	-0.52	2	2	0	1800	1800	0
8/31/2023 14:10	43202 MVIL_T2	0	0	0

Appendix C - Grid Benefits Achieved in Each Instance of Active Management

8/31/2023 14:34	41602 CLEV_T1	0	0	0	0	0	0	0	0	1	1	0	600	600	0
8/31/2023 14:35	11104 EGYP_T1	0	1	1	0	0	0	0.95	0.96	0	0	0	0	0	0
8/31/2023 14:35	15001 BLMO_T1	1	1	0	0.1	0.1	0	0	0	0	0	0	0	0	0
8/31/2023 14:36	10805 CHHI_T2	1	2	1	1	9	0	-0.68	-0.69	2	2	0	1800	1800	0
8/31/2023 14:37	23402 HONE_T2	0	0	0	0	0	0	0.64	0.63	0	0	0	0	0	0
8/31/2023 14:37	40901 JESH_T1	1	0	-1	0.1	0	-0.1	0	0	0	0	0	0	0	0
8/31/2023 14:37	12701 MACU_T1	0	0	0	0	0	0	0.33	0.31	0	0	0	0	0	0
8/31/2023 14:37	57304 MOAL_T2	0	0	0	0	0	0	-0.17	-0.15	0	0	0	0	0	0
8/31/2023 14:37	23401 HONE_T2	1	1	0	0.2	0.2	0	-0.09	-0.13	0	0	0	0	0	0
8/31/2023 14:37	58402 MORO_T1	2	1	-1	0.4	0.5	0.1	-1.71	-1.71	3	3	0	2400	2400	0
8/31/2023 14:38	23401 HONE_T2	1	1	0	0.2	0.2	0	-0.09	-0.13	0	0	0	0	0	0
8/31/2023 14:38	12701 MACU_T1	0	0	0	0	0	0	0.33	0.31	0	0	0	0	0	0
8/31/2023 14:38	63404 HONY_T1	2	2	0	6.7	6.85	0.15	0	0	0	0	0	0	0	0
8/31/2023 14:39	59003 MIFF_T1	0	0	0	0	0	0	0.47	-0.1	0	0	0	0	0	0
8/31/2023 14:39	54701 NEBL_T1	0	1	1	0	0.1	0.1	0	0	1	1	0	600	600	0
8/31/2023 14:39	58402 MORO_T1	2	1	-1	0.4	0.5	0.1	-1.71	-1.71	3	3	0	2400	2400	0
8/31/2023 14:40	58402 MORO_T1	2	1	-1	0.4	0.5	0.1	-1.71	-1.71	3	3	0	2400	2400	0
8/31/2023 14:41	61203 MGTN_T1	0	0	0	0	0	0	-0.51	-0.53	2	2	0	1200	1200	0
8/31/2023 14:42	67204 TEHI_T2	0	0	0	0	0	0	0.1	0.16	0	0	0	0	0	0
8/31/2023 14:42	43202 MVIL_T2	0	0	0	0	0	0	-0.52	-0.53	0	0	0	0	0	0
8/31/2023 14:42	48302 ORWI_T2	2	2	0	0.85	0.95	0.1	0.16	0.15	0	0	0	0	0	0
8/31/2023 14:42	42001 MNVL_T2	1	3	2	0.7	0.37	-0.33	0.41	0.4	0	0	0	0	0	0
8/31/2023 14:42	66505 SMAN_T2	0	0	0	0	0	0	0.76	0.7	2	2	0	1500	1500	0
8/31/2023 14:43	59402 RFLD_T2	1	1	0	0.7	0.3	-0.4	-1.02	-1	1	1	0	450	450	0
8/31/2023 14:43	52403 GRPA_T2	3	3	0	0.73	0.55	-0.18	-0.15	-0.12	0	0	0	0	0	0
8/31/2023 14:43	12701 MACU_T1	0	0	0	0	0	0	0.33	0.31	0	0	0	0	0	0
8/31/2023 14:43	67204 TEHI_T2	0	0	0	0	0	0	0.1	0.16	0	0	0	0	0	0
8/31/2023 14:45	16302 ALPA_T2	0	0	0	0	0	0	-0.13	-0.1	0	0	0	0	0	0
8/31/2023 14:45	20403 ASHF_T2	2	9	7	0.45	0.66	0.21	0.71	0.44	0	0	0	0	0	0
8/31/2023 14:45	56802 BENV_T2	1	1	0	0.4	0.2	-0.2	-0.36	-0.34	0	0	0	0	0	0
8/31/2023 14:45	41602 CLEV_T1	0	0	0	0	0	0	0	0	1	1	0	600	600	0
8/31/2023 14:45	29402 BELT_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8/31/2023 14:46	41602 CLEV_T1	0	0	0	0	0	0	0	0	1	1	0	600	600	0
8/31/2023 14:46	56802 BENV_T2	1	1	0	0.4	0.2	-0.2	-0.72	-0.68	0	0	0	0	0	0
8/31/2023 14:47	10805 CHHI_T2	1	2	1	9.3	9	-0.3	-0.68	-0.69	2	2	0	1800	1800	0
8/31/2023 14:47	60803 BUCK_T1	0	0	0	0	0	0	-1.04	-1.04	1	1	0	600	600	0
8/31/2023 14:48	60803 BUCK_T1	0	0	0	0	0	0	-1.04	-1.04	1	1	0	600	600	0
8/31/2023 14:48	62606 ENGL_T1	0	1	1	0	0	0	0	0	0	0	0	0	0	0
8/31/2023 14:48	29401 BELT_T1	0	0	0	0	0	0	0	0	2	2	0	1800	1800	0
8/31/2023 14:48	16302 ALPA_T2	0	0	0	0	0	0	-0.13	-0.1	0	0	0	0	0	0
8/31/2023 14:49	62604 ENGL_T1	0	0	0	0	0	0	-2.39	-2.11	2	2	0	1200	1200	0
8/31/2023 14:49	56801 BENV_T1	8	10	2	0.21	0.25	0.04	0	0	0	0	0	0	0	0
8/31/2023 14:51	62604 ENGL_T1	0	0	0	0	0	0	-2.39	-2.11	2	2	0	1200	1200	0
8/31/2023 14:55	42903 MIDD_T2	3	2	-1	0.53	0.35	-0.18	0	0	0	0	0	0	0	0
8/31/2023 14:55	58402 MORO_T1	1	0	-1	0.5	0	-0.5	-1.71	-1.69	3	3	0	2400	2400	0
8/31/2023 14:56	48302 ORWI_T2	2	2	0	0.85	0.95	0.1	0.15	0.18	0	0	0	0	0	0
8/31/2023 14:58	44203 POIN_T2	0	0	0	0	0	0	0.1	-0.28	2	2	0	2100	2100	0
8/31/2023 14:59	15001 BLMO_T1	0	1	1	0	0.1	0.1	0	0	0	0	0	0	0	0
8/31/2023 15:00	45901 AUBU_T1	0	0	0	0	0	0	1.47	1.46	0	0	0	0	0	0
8/31/2023 15:00	15001 BLMO_T1	1	1	0	0.1	0.1	0	0	0	0	0	0	0	0	0
8/31/2023 15:02	15001 BLMO_T1	1	1	0	0.1	0.1	0	0	0	0	0	0	0	0	0
8/31/2023 15:02	44302 BEAV_T2	4	4	0	0.45	0.23	-0.22	0	0	0	0	0	0	0	0
8/31/2023 15:04	45902 AUBU_T1	0	0	0	0	0	0	-0.65	-0.74	2	2	0	1200	1200	0
8/31/2023 15:04	45902 AUBU_T1	0	0	0	0	0	0	-0.65	-0.74	2	2	0	1200	1200	0
8/31/2023 15:05	46506 LOHA_T1	1	1	0	0.9	1	0.1	-1.34	-1.34	1	1	0	900	900	0
8/31/2023 15:07	46506 LOHA_T1	1	1	0	0.9	1	0.1	-2.68	-2.68	2	2	0	1800	1800	0
8/31/2023 15:09	59301 MCAL_T1	2	4	2	0.45	0.27	-0.18	-1.6	-1.59	1	1	0	600	600	0
8/31/2023 15:10	43402 BENT_T1	3	5	2	0.77	0.5	-0.27	-0.73	-0.77	1	1	0	900	900	0
8/31/2023 15:13	49803 UNIV_T1	1	1	0	0.9	0.8	-0.1	0	0	0	0	0	0	0	0
8/31/2023 15:17	11104 EGYP_T1	0	5	5	0	0	0	0.97	1.03	0	0	0	0	0	0
8/31/2023 15:21	63402 HONY_T2	0	1	1	0	0.1	0.1	0	0	0	0	0	0	0	0
8/31/2023 15:21	11102 EGYP_T1	1	1	0	0.1	0	-0.1	0	0	0	0	0	0	0	0
8/31/2023 15:22	40902 JESH_T1	0	0	0	0	0	0	-1.11	-1.42	3	3	0	1800	1800	0
8/31/2023 15:30	45902 AUBU_T1	0	0	0	0	0	0	-0.37	-0.39	1	1	0	600	600	0
8/31/2023 15:33	13503 MCMI_T2	0	0	0	0	0	0	-0.01	0.03	0	0	0	0	0	0
8/31/2023 15:34	29402 BELT_T1	48	44	-4	0.4	0.33	-0.07	0	0	0	0	0	0	0	0
8/31/2023 15:46	67502 WEWI_T2	2	2	0	0.4	0.25	-0.15	0	0	0	0	0	0	0	0
8/31/2023 15:46	45902 AUBU_T1	0	0	0	0	0	0	-0.39	-0.43	1	1	0	600	600	0
8/31/2023 15:49	28604 BLYT_T2	0	1	1	0	0	0	-1.12	-1.12	0	0	0	0	0	0
8/31/2023 15:49	60101 COCA_T1	0	0	0	0	0	0	0.87	0.77	0	0	0	0	0	0
8/31/2023 15:52	65901 SAKR_T2	0	0	0	0	0	0	-0.01	-0.17	1	2	1	900	1500	600
8/31/2023 15:56	52402 GRPA_T2	3	4	1	0.93	0.85	-0.08	0	0	0	0	0	0	0	0
8/31/2023 15:58	56803 BENV_T1	0	1	1	0	0	0	0.57	0.58	0	0	0	0	0	0
8/31/2023 16:08	45802 HEGI_T2	1	0	-1	0.4	0	-0.4	0.14	0.29	2	2	0	1200	1200	0
8/31/2023 16:10	52402 GRPA_T2	4	4	0	0.7	0.78	0.08	0	0	0	0	0	0	0	0
8/31/2023 16:12	52402 GRPA_T2	4	4	0	0.7	0.78	0.08	0	0	0	0	0	0	0	0
8/31/2023 16:13	61202 REIN_T1	8	49	41	0.33	0.4	0.07	0	0	0	0	0	0	0	0
8/31/2023 16:17	52402 GRPA_T2	4	4	0	0.78	0.63	-0.15	0	0	0	0	0	0	0	0
8/31/2023 16:17	45902 AUBU_T1	0	0	0	0	0	0	-0.47	-0.47	1	1	0	600	600	0
8/31/2023 16:19	56801 BENV_T1	10	10	0	0.66	0.69	0.03	0	0	0	0	0	0	0	0
8/31/2023 16:20	23401 HONE_T2	0	0	0	0	0	0	-0.05	-0.09	0	0	0	0	0	0
8/31/2023 16:27	42002 MNVL_T2	1	1	0	1.2	0.9	-0.3	0	0	0	0	0	0	0	0
8/31/2023 16:40	48302 ORWI_T2	2	2	0	0.9	0.9	0	0.08	0.08	0	0	0	0	0	0
8/31/2023 16:51	65902 SAKR_T2	0	0	0	0	0	0	-0.12	-0.16	1	1	0	900	900	0
8/31/2023 17:04	45901 AUBU_T1	0	0	0	0	0	0	1.5	1.56	0	0	0	0	0	0
8/31/2023 17:35	62607 ENGL_T1	0	0	0	0	0	0	0.01	0.01	1	1	0	300	300	0
8/31/2023 17:38	63304 GREE_T1	1	1	0	6.9	6.8	-0.1	0	0	0	0	0	0	0	0
8/31/2023 17:38	62607 ENGL_T1	0	0	0	0	0	0	0.01	0.01	1	1	0	300	300	0
8/31/2023 18:33	52404 GRPA_T2	0	1	1	0	0.3	0.3	0	0	0	0	0	0	0	0
8/31/2023 18:58	63305 GREE_T1	5	6	1	0.18	0.2	0.02	-1.2	-1.17	1	1	0	900	900	0
8/31/2023 20:17	53501 EVIL_T2	1	1	0	0.2	0.4	0.2	-0.6	-0.6	1	1	0	600	600	0
8/31/2023 20:22	56503 ROCK_T2	4	0	-4	0.13	0	-0.13	0	0	0	0	0	0	0	0
8/31/2023 20:26	59101 WALK_T2	1	1	0	0	0	0	0.87	0.89	1	1	0	450	450	0
8/31/2023 20:30	63305 GREE_T1	0	2	2	0	0.1	0.1	-1.22	-1.34	1	1	0	900	900	0
8/31/2023 20:46	63304 GREE_T1	1	1	0	6	5.8	-0.2	0	0	0	0	0	0	0	0
8/31/2023 20:58	60801 BUCK_T1	112	157	45	0.53	0.62	0.09	0	0	0	0	0	0	0	0
8/31/2023 21:05	64301 LINC_T1	0	0	0	0	0	0	-0.1	-0.08	1	1	0	600	600	0
8/31/2023 21:17	63304 GREE_T1	1	1	0	5.9	5.7	-0.2	0	0	0	0	0	0	0	0
8/31/2023 21:21	59101 WALK_T2	1	1	0	0	0	0	1.32	1.27	1	1	0	450	450	0
8/31/2023 21:22	59101 WALK_T2	1	1	0	0	0	0	1.32	1.27	1	1	0	450	450	0
8/31/2023 21:23	59402 RFLD_T2	50	125	75	0.36	0.59	0.23	-1.21	-1.21	1	1	0	450	450	0
8/31/2023 21:26	56802 BENV_T2	15	188	173	0.16	0.43	0.27	-0.58	-0.59	0	0	0	0	0	0
8/31/2023 21:26	56801 BENV_T1	17	30	13	0.82	0.9	0.08	-0.67	-0.66	1	1	0	600	600	0
8/31/2023 21:27	56801 BENV_T1	17	30	13	0.82	0.9	0.08	-0.67	-0.66	1	1	0	600	600	0
8/31/2023 21:28	56801 BENV_T1	17	30	13	0.82	0.9	0.08	-0.67	-0.66	1	1	0	600	600	0
8/31/2023 21:29	56801 BENV_T1	17	30	13	0.82	0.9	0.08	-0.67	-0.66	1	1	0	600	600	0
8/31/2023 21:30	16301 ALPA_T1	34	77	43	0.12	0.12	0	-1.48	-1.52	0	0	0	0	0	0
8/31/2023 21:30	56803 BENV_T1	0	3	3	0	0.17	0.17	0	0	0	0	0	0	0	0
8/31/2023 21:32	56801 BENV_T1	28	37	9	0.78	0.96	0.18	-0.67	-0.66	1	1	0	600	600	0
8/31/2023 21:34	63402 HONY_T2	1	1	0	1	1.5	0.5	0	0	0	0	0	0	0	0
8/31/2023 21:35	15601 NSTR_T2	3	3	0	0.63	0.83	0.2	0	0	0	0	0	0	0	0
8/31/2023 21:35	53901 HALI_T2	1	2	1	0.3	0.5	0.2	0	0	0	0	0	0	0	0
8/31/2023 21:36	10805 CHHI_T2	1	1	0	8.7	8.6	-0.1	-0.62	-0.66	1	1	0	600	600	0
8/31/2023 21:37	17805 GILB_T2	0	2	2	0	0.1	0.1	-0.02	0	0	0	0	0	0	0
8/31/2023 21:37	44302 BEAV_T2	6	44	38	0.12	0.18	0.06	0	0	0	0	0	0	0	0
8/31/2023 21:37	45902 AUBU_T1	0	13	13	0	0.18	0.18	0	0	0	0	0	0	0	0
8/31/2023 21:38	66504 SMAN_T2	0	0	0	0	0	0	-0.2	-0.29	0	0	0	0	0	0
8/31/2023 21:38	11104 EGYP_T1	0	0	0	0	0	0	0.65	0.64	0	0	0	0	0	0
8/31/2023 21:38	20403 ASHF_T2	0	0	0	0	0	0	0.25	0.23	0	0	0	0	0	0
8/31/2023 21:38	16302 ALPA_T2	0	0	0	0	0	0	-0.55	-0.43	0	0	0	0	0	0
8/31/2023 21:39	63304 GREE_T1	1	1	0	5.9	5.7	-0.2	0	0	0	0	0	0	0	0
8/31/2023 21:39	65901 SAKR_T2	0	0	0	0	0	0	-0.22	-0.22	1	1	0	900	900	0
8/31/2023 21:39	52004 LING_T2	0	0	0	0	0	0	0.23	0.21	0	0	0	0	0	0
8/31/2023 21:39	16301 ALPA_T1	34	77	43	0.12	0.12	0	-1.52	-1.51	0	0	0	0	0	0
8/31/2023 21:39	48302 ORWI_T2	2	2	0	1.6	1.95	0.35	-0.11	-0.1	0	0	0	0	0	0
8/31/2023 21:39	67204 TEHI_T2	0	0	0	0	0	0	0.15	0.12	0	0	0	0	0	0
8/31/2023 21:39	29402 BELT_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8/31/2023 21:40	62604 ENGL_T1	0	0	0	0	0	0	-0.75	-0.77	0	0	0	0	0	0
8/31/2023 21:40	60701 BREC_T1	0	0	0	0	0	0	-0.11	0.18	1	0	-1	600	0	-600
8/31/2023 21:41	54701 NEBL_T1	6	7	1	0.57	0.77	0.2	0	0	1	1	0	600	600	0
8/31/2023 21:41	15001 BLMO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8/31/2023 21:41	45901 AUBU_T1	0	1	1	0	0.1	0.1	1.54	1.52	0	0	0	0	0	0
8/31/2023 21:41	29402 BELT_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8/31/2023 21:41	62607 ENGL_T1	0	0	0	0	0	0	0.01	0.01	1	1	0	300	300	0
8/31/2023 21:42	60801 BUCK_T1	176	178	2	0.76	0.79	0.03	0	0	0	0	0	0	0	0
8/31/2023 21:42	56802 BENV_T2	123	188	65	0.28	0.43	0.15	-0.59	-0.52	0	0	0	0	0	0
8/31/2023 21:42	42201 SHEN_T2	0	0	0	0	0	0	0.49	0.46	0	0	0	0	0	0
8/31/2023 21:42	45901 AUBU_T1	0	1	1	0	0.1	0.1	0	0	0	0	0	0	0	0
8/31/2023 21:42	67502 WEWI_T2	3	67	64	0.1	0.15	0.05	-2.46	-2.6	2	2	0	1800	1800	0
8/31/2023 21:42	48302 ORWI_T2	2	2	0	1.6	1.95	0.35	-0.11	-0.1	0	0	0	0	0	0
8/31/2023 21:42	67204 TEHI_T2	0	0	0	0	0	0	0.15	0.12	0	0	0	0	0	0
8/31/2023 21:42	58402 MORO_T1	0	0	0	0	0	0	-1	-0.92	2	2	0	1500	1500	0
8/31/2023 21:42	59101 WALK_T2	1	1	0	0	0	0	2.54	2.38	2	2	0	900	900	0
8/31/2023 21:42	62105 ELAN_T1	0	1	1	0	0.2	0.2	0.64	0.66	0	0	0	0	0	0
8/31/2023 21:42	67502 WEWI_T2	3	67	64	0.1	0.15	0.05	-2.46	-2.6	2	2	0	1800	1800	0
8/31/2023 21:42	59302 MCAL_T1	1	1	0	1.1	1.6	0.5	0	0	0	0	0	0	0	0
8/31/2023 21:42	60701 BREC_T1	0	0	0	0	0	0	-0.11	0.18	1	0	-1	600	0	-600
8/31/2023 21:42	66505 SMAN_T2	1	3	2	0.2	0.23	0.03	0.24	0.2	1	1	0	900	900	0
8/31/2023 21:43	13704 SCHN_T2	1	1	0	0.1	0.1	0	-0.28	-0.3	0	0	0	0	0	0
8/31/2023 21:43	62604 ENGL_T1	0	0	0	0	0	0	-0.75	-0.77	0	0	0	0	0	0
8/31/2023 21:43	45901 AUBU_T1	0	1	1	0	0.1	0.1	0	0	0	0	0	0	0	0
8/31/2023 21:43	52502 PROG_T2	0	0	0	0	0	0	-0.45	-0.47	1	1	0	900	900	0
8/31/2023 21:43	12701 MACU_T1	0	0	0	0	0	0	-1.09	-1.1	1	1	0	1200	1200	0
8/31/2023 21:43	44203 POIN_T2	0	0	0	0	0	0	-0.77	-0.81	2	2	0	2100	2100	0
8/31/2023 21:43	62604 ENGL_T1	0	0	0	0	0	0	-0.75	-0.77	0	0	0	0	0	0
8/31/2023 21:44	56801 BENV_T1	28	37	9	0.78	0.96	0.18	0	0	0	0	0	0	0	0
8/31/2023 21:44	62604 ENGL_T1	0	0	0	0	0	0	-0.75	-0.77	0	0	0	0	0	0
8/31/2023 21:44	44801 EDAN_T2	1	1	0	0.7	0.6	-0.1	0	0	0	0	0	0	0	0
8/31/2023 21:44	63404 HONY_T1	2	2	0	8.3	8.4	0.1	0	0	0	0	0	0	0	0
8/31/2023 21:44	52502 PROG_T2	0	0	0	0	0	0	-0.45	-0.47	1	1	0	900	900	0
8/31/2023 21:45	28403 HART_T2	0	0	0	0	0	0	-1.73	-1.71	2	2	0	1800	1800	0
8/31/2023 21:45	45901 AUBU_T1	1	0	-1	0.1	0	-0.1	1.54	1.52	0	0	0	0	0	0
8/31/2023 21:45	26002 WDAM_T1	3	12	9	0.67	0.26	-0.41	0	0	0	0	0	0	0	0
8/31/2023 21:45	60101 COCA_T1	0	1	1	0	0	0	0.44	0.42	0	0	0	0	0	0
8/31/2023 21:45	28604 BLYT_T2	0	0	0	0	0	0	-1.23	-1.24	0	0	0	0	0	0
8/31/2023 21:45	41602 CLEV_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8/31/2023 21:45	56802 BENV_T2	187	100	-87	0.43	0.21	-0.22	-0.59	-0.52	0	0	0	0	0	0
8/31/2023 21:46	52404 GRPA_T2	1	1	0	1.4	1.5	0.1	0	0	0	0	0	0	0	0
8/31/2023 21:46	67502 WEWI_T2	0	71	71	0	0.15	0.15	-1.23	-1.3	1	1	0	900	900	0
8/31/2023 21:46	53501 EVIL_T2	5	4	-1	0.26	0.2	-0.06	-0.79	-0.81	1	0	-1	600	0	-600
8/31/2023 21:46	46501 LOHA_T1	1	1	0	0.4	0.2	-0.2	0	0	0	0	0	0	0	0
8/31/2023 21:46	53601 DALM_T2	1	1	0	0.3	0.5	0.2	-0.39	-0.4	1	1	0	600	600	0
8/31/2023 21:46	62604 ENGL_T1	0	0	0	0	0	0	-0.75	-0.77	0	0	0	0	0	0
8/31/2023 21:46	11104 EGYP_T1	0	0	0	0	0	0	0.65	0.64	0	0	0	0	0	0
8/31/2023 21:46	23401 HONE_T2	0	0	0	0	0	0	-0.27	-0.26	0	0	0	0	0	0
8/31/2023 21:46	63203 MGTN_T1	0	0	0	0	0	0	-0.78	-0.8	2	2	0	1200	1200	0
8/31/2023 21:46	52502 PROG_T2	0	0	0	0	0	0	-0.45	-0.47	1	1	0	900	900	0
8/31/2023 21:46	42701 AUGU_T1	1	1	0	0.2	0.4	0.2	0	0	2	2	0	1

8/31/2023 21:55	58402 MORO_T1	0	1	1	0	0	0	-0.92	-1.03	2	2	0	1500	1500	0
8/31/2023 21:55	53501 EVIL_T2	5	4	-1	0.26	0.2	-0.06	-0.81	-0.48	0	0	0	0	0	0
8/31/2023 21:55	40101 HUNT_T2	2	2	0	0.9	1.35	0.45	-0.48	-0.53	0	0	0	0	0	0
8/31/2023 21:59	44802 EDAN_T2	0	0	0	0	0	0	-0.71	-0.73	0	0	0	0	0	0
8/31/2023 22:02	67502 WEWI_T2	67	34	-33	0.15	0.17	0.02	0	0	0	0	0	0	0	0
8/31/2023 22:15	63305 GREE_T1	0	0	0	0	0	0	-0.4	-0.45	0	0	0	0	0	0
8/31/2023 22:20	29401 BELT_T1	0	0	0	0	0	0	0	0	1	1	0	900	900	0
8/31/2023 22:40	43402 BENT_T1	0	0	0	0	0	0	-0.93	-0.94	1	1	0	900	900	0
8/31/2023 23:37	13503 MCMI_T2	0	0	0	0	0	0	-0.01	-0.01	0	0	0	0	0	0
9/1/2023 0:35	23401 HONE_T2	0	1	1	0	0.1	0.1	-0.04	-0.06	0	0	0	0	0	0
9/1/2023 2:54	63305 GREE_T1	0	1	1	0	0.1	0.1	-1.79	-1.74	1	1	0	900	900	0
9/1/2023 3:20	63305 GREE_T1	1	0	-1	0.1	0	-0.1	-0.81	-0.81	1	0	-1	900	0	-900
9/1/2023 4:38	63305 GREE_T1	0	0	0	0	0	0	-0.83	-0.72	0	0	0	0	0	0
9/1/2023 6:08	63304 GREE_T1	1	1	0	6.7	6.9	0.2	0	0	0	0	0	0	0	0
9/1/2023 6:45	63305 GREE_T1	0	0	1	0	0	0	-1.64	-1.67	1	1	0	900	900	0
9/1/2023 7:00	63305 GREE_T1	0	0	0	0	0	0	-1.67	-0.53	1	0	-1	900	0	-900
9/1/2023 7:32	63304 GREE_T1	1	1	0	6.7	6.4	-0.3	0	0	0	0	0	0	0	0
9/1/2023 7:53	63304 GREE_T1	1	1	0	6.4	6.5	0.1	0	0	0	0	0	0	0	0
9/1/2023 7:57	43001 ALWD_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9/1/2023 8:04	45802 HEGI_T2	0	0	0	0	0	0	0.82	0.91	1	1	0	900	900	0
9/1/2023 8:07	54701 NEBL_T1	0	5	5	0	0.28	0.28	0	0	1	1	0	600	600	0
9/1/2023 8:09	63305 GREE_T1	0	0	0	0	0	0	-0.35	-0.31	0	0	0	0	0	0
9/1/2023 8:12	59101 WALK_T2	1	1	0	0	0	0	1.55	1.45	0	0	0	0	0	0
9/1/2023 8:13	43001 ALWD_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9/1/2023 8:29	43001 ALWD_T1	0	2	2	0	0.3	0.3	0	0	0	0	0	0	0	0
9/1/2023 8:45	43001 ALWD_T1	2	2	0	0.3	0.35	0.05	0	0	0	0	0	0	0	0
9/1/2023 8:46	45802 HEGI_T2	0	1	1	0	0	0	0.68	0.63	1	1	0	900	900	0
9/1/2023 8:47	53601 DALM_T2	1	1	0	1	0.9	-0.1	0	0.02	0	0	0	0	0	0
9/1/2023 8:50	58402 MORO_T1	0	0	0	6.4	6	0	-0.85	-0.79	2	2	0	1500	1500	0
9/1/2023 8:51	40101 HUNT_T2	0	0	0	0	0	0	-0.03	-0.11	0	0	0	0	0	0
9/1/2023 8:53	44901 SCOT_T2	0	0	0	0	0	0	0.07	0.04	0	0	0	0	0	0
9/1/2023 8:53	58402 MORO_T1	0	0	0	0	0	0	-0.85	-0.79	2	2	0	1500	1500	0
9/1/2023 9:04	46506 LOHA_T1	0	0	0	0	0	0	-0.36	-0.31	0	0	0	0	0	0
9/1/2023 9:10	44901 SCOT_T2	0	0	0	0	0	0	0.04	0.11	0	0	0	0	0	0
9/1/2023 9:12	26603 BROO_T1	0	0	0	0	0	0	0.34	0.33	0	0	0	0	0	0
9/1/2023 9:12	59101 WALK_T2	1	4	3	0	0.33	0.33	1.24	1.39	0	0	0	0	0	0
9/1/2023 9:29	28604 BLYT_T2	0	0	0	0	0	0	-1.35	-1.32	0	0	0	0	0	0
9/1/2023 9:34	13503 MCMI_T2	0	0	0	0	0	0	-0.01	-0.01	0	0	0	0	0	0
9/1/2023 9:36	43202 MVIL_T2	0	0	0	0	0	0	-0.65	-0.66	0	0	0	0	0	0
9/1/2023 9:39	66703 STRA_T1	0	0	0	0	0	0	-0.03	0	0	0	0	0	0	0
9/1/2023 9:41	56802 BENV_T2	35	24	-11	0.28	0.36	0.08	-1.33	-1.27	0	0	0	0	0	0
9/1/2023 9:43	56802 BENV_T2	35	24	-11	0.28	0.36	0.08	-1.33	-1.27	0	0	0	0	0	0
9/1/2023 9:45	28604 BLYT_T2	0	0	0	0	0	0	-1.32	-1.32	0	0	0	0	0	0
9/1/2023 9:45	56802 BENV_T2	23	23	0	0.37	0.32	-0.05	-1.33	-1.27	0	0	0	0	0	0
9/1/2023 9:46	15001 BLMO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9/1/2023 9:46	56802 BENV_T2	23	23	0	0.37	0.32	-0.05	-2.66	-2.55	0	0	0	0	0	0
9/1/2023 9:48	23401 HONE_T2	1	1	0	0.2	0.2	0	-0.24	-0.23	0	0	0	0	0	0
9/1/2023 9:54	41901 REED_T1	10	10	0	0.23	0.24	0.01	-1.36	-1.29	1	1	0	900	900	0
9/1/2023 9:54	64101 REFR_T1	0	0	0	0	0	0	-0.08	-0.1	0	0	0	0	0	0
9/1/2023 9:55	67204 TEHI_T2	0	0	0	0	0	0	-0.04	0	0	0	0	0	0	0
9/1/2023 9:57	64101 REFR_T1	0	0	0	0	0	0	-0.04	-0.05	0	0	0	0	0	0
9/1/2023 9:57	29401 BELT_T1	1	1	0	0.1	0.1	0	0	0	0	0	0	0	0	0
9/1/2023 9:57	20403 ASHF_T2	2	3	1	0.45	0.4	-0.05	0.61	0.79	0	0	0	0	0	0
9/1/2023 9:57	67204 TEHI_T2	0	0	0	0	0	0	-0.04	0	0	0	0	0	0	0
9/1/2023 9:59	29402 BELT_T1	0	1	1	0	0.1	0.1	0	0	0	0	0	0	0	0
9/1/2023 10:00	52503 PROG_T2	0	0	0	0	0	0	-0.58	-0.62	1	1	0	900	900	0
9/1/2023 10:00	42902 MIDD_T2	0	3	3	0	0.3	0.3	-0.88	-0.88	1	1	0	600	600	0
9/1/2023 10:00	23401 HONE_T2	1	0	-1	0.2	0	-0.2	-0.23	-0.19	0	0	0	0	0	0
9/1/2023 10:00	20401 ASHF_T2	0	1	1	0	0	0	-0.22	-0.21	1	1	0	600	600	0
9/1/2023 10:00	53501 EVIL_T2	1	1	0	0.2	0.3	0.1	-0.26	-0.43	3	3	0	1800	1800	0
9/1/2023 10:00	15604 NSTR_T1	0	0	0	0	0	0	0.21	0.22	0	0	0	0	0	0
9/1/2023 10:00	45802 HEGI_T2	0	0	0	0	0	0	0.56	0.66	1	1	0	900	900	0
9/1/2023 10:00	67605 WARW_T1	35	31	-4	0.49	0.48	-0.01	0	0	0	0	0	0	0	0
9/1/2023 10:00	56601 HAMP_T1	0	0	0	0	0	0	-0.02	0	0	0	0	0	0	0
9/1/2023 10:00	43402 BENT_T1	2	2	0	0.65	0.7	0.05	-0.54	-0.57	1	1	0	900	900	0
9/1/2023 10:00	12604 MACA_T1	0	0	0	0	0	0	0.4	0.43	0	0	0	0	0	0
9/1/2023 10:00	64801 MONE_T2	0	1	1	0	0.3	0.3	0.35	0.35	0	0	0	0	0	0
9/1/2023 10:00	10602 BLGL_T2	2	1	-1	4.95	9.8	4.85	1.49	1.48	0	0	0	0	0	0
9/1/2023 10:06	44902 SCOT_T2	1	1	0	0.2	0.2	0	0	0	0	0	0	0	0	0
9/1/2023 10:07	43202 MVIL_T2	0	0	0	0	0	0	-0.61	-0.63	0	0	0	0	0	0
9/1/2023 10:07	54701 NEBL_T1	0	0	0	0	0	0	0	0	1	1	0	600	600	0
9/1/2023 10:09	66505 SMAN_T2	0	0	0	0	0	0	0.75	0.63	2	2	0	1100	1100	0
9/1/2023 10:10	67204 TEHI_T2	0	0	0	0	0	0	0	0.01	0	0	0	0	0	0
9/1/2023 10:10	41901 REED_T1	10	6	-4	0.24	0.23	-0.01	-1.29	-1.21	1	1	0	900	900	0
9/1/2023 10:11	43301 WATS_T2	1	1	0	1.1	1	-0.1	0	0	0	0	0	0	0	0
9/1/2023 10:11	59101 WALK_T2	1	3	2	0	0.2	0.2	1.4	1.61	0	0	0	0	0	0
9/1/2023 10:11	65902 SAKR_T2	0	0	0	0	0	0	0	0	1	1	0	300	300	0
9/1/2023 10:11	66505 SMAN_T2	0	0	0	0	0	0	0.75	0.63	2	2	0	1100	1100	0
9/1/2023 10:12	56802 BENV_T2	15	22	7	0.33	0.36	0.03	-2.61	-2.46	0	0	0	0	0	0
9/1/2023 10:12	15001 BLMO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9/1/2023 10:13	59101 WALK_T2	1	3	2	0	0.2	0.2	1.4	1.61	0	0	0	0	0	0
9/1/2023 10:13	20401 ASHF_T2	0	1	1	0	0	0	0	0	0	0	0	0	0	0
9/1/2023 10:13	67204 TEHI_T2	0	0	0	0	0	0	0.01	0	0	0	0	0	0	0
9/1/2023 10:13	56802 BENV_T2	15	22	7	0.33	0.36	0.03	-1.3	-1.23	0	0	0	0	0	0
9/1/2023 10:14	44802 EDAN_T2	0	0	0	0	0	0	-2.02	-1.91	1	1	0	1200	1200	0
9/1/2023 10:15	44802 EDAN_T2	0	0	0	0	0	0	-2.02	-1.91	1	1	0	1200	1200	0
9/1/2023 10:15	15001 BLMO_T1	0	1	1	0	0.2	0.2	0	0	0	0	0	0	0	0
9/1/2023 10:16	28403 HART_T2	0	0	0	0	0	0	-0.75	-0.78	1	1	0	900	900	0
9/1/2023 10:16	45902 AUBU_T1	0	0	0	0	0	0	-0.58	-0.59	1	1	0	600	600	0
9/1/2023 10:17	53601 DALM_T2	1	1	0	0.8	0.6	-0.2	-0.16	-0.14	0	0	0	0	0	0
9/1/2023 10:19	52402 GRPA_T2	2	4	2	1.75	0.93	-0.82	0	0	0	0	0	0	0	0
9/1/2023 10:20	12701 MACU_T1	0	0	0	0	0	0	0.47	0.46	0	0	0	0	0	0
9/1/2023 10:21	64801 MONE_T2	0	1	1	0	0.3	0.3	0	0	0	0	0	0	0	0
9/1/2023 10:23	13503 MCMI_T2	0	0	0	0	0	0	-0.01	-0.01	0	0	0	0	0	0
9/1/2023 10:24	56501 ROCK_T2	3	3	0	0.17	0.1	-0.07	-0.38	-0.36	0	0	0	0	0	0
9/1/2023 10:26	66502 SMAN_T2	0	1	1	0	0.2	0.2	0	0	0	0	0	0	0	0
9/1/2023 10:27	67503 WEWI_T2	2	0	-2	1.35	0	-1.35	0	0	0	0	0	0	0	0
9/1/2023 10:28	13701 SCHN_T2	0	1	1	0	0.1	0.1	0	0	0	0	0	0	0	0
9/1/2023 10:28	15001 BLMO_T1	0	1	1	0	0.2	0.2	0	0	0	0	0	0	0	0
9/1/2023 10:29	67502 WEWI_T2	1	3	2	0.3	0.53	0.23	-0.23	-0.19	0	0	0	0	0	0
9/1/2023 10:29	28604 BLYT_T2	0	0	0	0	0	0	-1.3	-1.29	0	0	0	0	0	0
9/1/2023 10:31	15001 BLMO_T1	0	1	1	0	0.2	0.2	0	0	0	0	0	0	0	0
9/1/2023 10:31	26603 BROO_T1	0	0	0	0	0	0	0.38	0.36	0	0	0	0	0	0
9/1/2023 10:34	17804 GLB_T2	1	1	0	1.1	0.6	-0.5	0	0	0	0	0	0	0	0
9/1/2023 10:34	12701 MACU_T1	0	0	0	0	0	0	0.23	0.22	0	0	0	0	0	0
9/1/2023 10:37	54701 NEBL_T1	0	0	0	0	0	0	0	0	1	1	0	600	600	0
9/1/2023 10:40	59102 WALK_T2	0	1	1	0	0.3	0.3	0	0	0	0	0	0	0	0
9/1/2023 10:41	67503 WEWI_T2	0	0	0	0	0	0	-0.23	-0.26	0	0	0	0	0	0
9/1/2023 10:41	43301 WATS_T2	1	1	0	0.9	0.6	-0.3	-0.59	-0.61	1	1	0	900	900	0
9/1/2023 10:43	59102 WALK_T2	0	1	1	0	0.3	0.3	0	0	0	0	0	0	0	0
9/1/2023 10:44	59102 WALK_T2	0	1	1	0	0.3	0.3	0	0	0	0	0	0	0	0
9/1/2023 10:44	60803 BUCK_T1	0	0	0	0	0	0	-1.53	-1.61	2	2	0	1200	1200	0
9/1/2023 10:44	44301 BEAV_T2	0	0	0	0	0	0	0.87	0.96	1	1	0	600	600	0
9/1/2023 10:45	45902 AUBU_T1	0	0	0	0	0	0	-0.58	-0.54	1	1	0	600	600	0
9/1/2023 10:52	60502 NMAN_T2	0	0	0	0	0	0	0.05	0.15	0	0	0	0	0	0
9/1/2023 10:57	15001 BLMO_T1	1	1	0	0.2	0.3	0.1	0	0	0	0	0	0	0	0
9/1/2023 10:59	29401 BELT_T1	1	1	0	0.1	0.1	0	0	0	0	0	0	0	0	0
9/1/2023 11:00	56802 BENV_T2	10	14	4	0.42	0.36	-0.06	-2.47	-1.04	0	0	0	0	0	0
9/1/2023 11:00	29402 BELT_T1	1	2	1	0.2	0.35	0.15	0	0	0	0	0	0	0	0
9/1/2023 11:01	29402 BELT_T1	1	2	1	0.2	0.35	0.15	0	0	0	0	0	0	0	0
9/1/2023 11:01	56802 BENV_T2	10	14	4	0.42	0.36	-0.06	-1.24	-0.52	0	0	0	0	0	0
9/1/2023 11:02	17803 GLB_T2	1	1	0	0.2	0.1	-0.1	0	0	0	0	0	0	0	0
9/1/2023 11:03	28403 HART_T2	0	0	0	0	0	0	-0.72	-0.72	1	1	0	900	900	0
9/1/2023 11:04	59002 MIFF_T1	0	6	6	0	0.47	0.47	0	0	0	0	0	0	0	0
9/1/2023 11:05	64301 LINC_T1	0	0	0	0	0	0	0.26	0.27	1	1	0	600	600	0
9/1/2023 11:05	52004 LING_T2	4	4	0	0.75	0.88	0.13	0.46	0.46	0	0	0	0	0	0
9/1/2023 11:06	58402 MORO_T1	0	0	0	0	0	0	-0.88	-0.87	2	2	0	1500	1500	0
9/1/2023 11:08	58402 MORO_T1	0	0	0	0	0	0	-0.88	-0.87	2	2	0	1500	1500	0
9/1/2023 11:08	54701 NEBL_T1	0	6	6	0	0.27	0.27	0	0	1	1	0	600	600	0
9/1/2023 11:08	59402 RFLD_T2	0	3	3	0	0.63	0.63	-2.2	-2.29	2	2	0	900	900	0
9/1/2023 11:09	58402 MORO_T1	0	0	0	0	0	0	-0.88	-0.87	2	2	0	1500	1500	0
9/1/2023 11:09	59001 MIFF_T1	3	3	0	0.67	1.43	0.76	0	0	0	0	0	0	0	0
9/1/2023 11:10	15601 NSTR_T2	3	3	0	0.7	0.6	-0.1	0	0	0	0	0	0	0	0
9/1/2023 11:11	54701 NEBL_T1	0	6	6	0	0.27	0.27	0	0	1	1	0	600	600	0
9/1/2023 11:12	59402 RFLD_T2	0	3	3	0	0.63	0.63	-1.1	-1.14	1	1	0	450	450	0
9/1/2023 11:13	66703 STRA_T1	0	0	0	0	0	0	0.14	0.14	0	0	0	0	0	0
9/1/2023 11:20	64301 LINC_T1	0	0	0	0	0	0	0.27	0.27	1	1	0	600	600	0
9/1/2023 11:23	57303 MOAL_T2	1	1	0	7.1	6.5	-0.6	0	0	0	0	0	0	0	0
9/1/2023 11:26	13704 SCHN_T2	1	1	0	0.4	0.3	-0.1	0.06	0.05	0	0	0	0	0	0
9/1/2023 11:27	56802 BENV_T2	10	16	6	0.4	0.39	-0.01	-1.47	-1.43	0	0	0	0	0	0
9/1/2023 11:28	15001 BLMO_T1	1	1	0	0.3	0.2	-0.1	0	0	0	0	0	0	0	0
9/1/2023 11:29	67503 WEWI_T2	0	0	0	0	0	0	-0.09	-0.05	0	0	0	0	0	0
9/1/2023 11:29	15001 BLMO_T1	1	1	0	0.3	0.2	-0.1	0	0	0	0	0	0	0	0
9/1/2023 11:30	15001 BLMO_T1	1	1	0	0.2	0.2	0	0	0	0	0	0	0	0	0
9/1/2023 11:31	56802 BENV_T2	13	14	1	0.35	0.43	0.08	-0.49	-0.48	0	0	0	0	0	0
9/1/2023 11:31	15001 BLMO_T1	1	1	0	0.2	0.2	0	0	0	0	0	0	0	0	0
9/1/2023 11:34	64301 LINC_T1	0	0	0	0	0	0	0.27	0.26	1	1	0	600	600	0
9/1/2023 11:34	42902 MIDD_T2	0	0	0	0	0	0	-0.86	-0.88	1	1	0	600	600	0
9/1/2023 11:34	45802 HEGI_T2	0	0	0	0	0	0	0.52	0.25	2	2	0	1200	1200	0
9/1/2023 11:35	12701 MACU_T1	0	1	1	0	0	0	0.25	0.23	0	0	0	0	0	0
9/1/2023 11:36	12701 MACU_T1	0	1	1	0	0	0	0.25	0.23	0	0	0	0	0	0
9/1/2023 11:36	43202 MVIL_T2	0	0	0	0	0	0	-0.57	-0.57	0	0	0	0	0	0
9/1/2023 11:37	54701 NEBL_T1	6	3	-3	0.27	0.23	-0.04	0	0	1	1	0	600	600	0
9/1/2023 11:37	52402 GRPA_T2	39	23	-16	0.5	0.67	0.17	0	0	0	0	0	0	0	0
9/1/2023 11:38	58402 MORO_T1	0	0	0	0	0	0	-0.88	-0.9	2	2	0	1500	1500	0
9/1/2023 11:39	12701 MACU_T1	0	1	1	0	0	0	0.25	0.23	0	0	0	0	0	0
9/1/2023 11:39	60504 NMAN_T2	3	5	2	0.83	1.17	0.34	0	0	0	0	0	0	0	0
9/1/2023 11:39	58402 MORO_T1	0	0	0	0	0	0	-0.88	-0.9	2	2	0	1500	1500	0
9/1/2023 11:39	54701 NEBL_T1	6	3	-3	0.27	0.23	-0.04	0	0	1	1	0	600	600	0
9/1/2023 11:39	57303 MOAL_T2	2	4	2	0.2	0.1	-0.1	0	0	0	0	0	0	0	0
9/1/2023 11:40	65902 SAKR_T2	0	0	0	0	0	0	-0.02	-0.03	1	1	0	300	300	0
9/1/2023 11:40	58402 MORO_T1	0	0	0	0	0	0	-0.88	-0.9	2	2	0	1500	1500	0
9/1/2023 11:41	44902 SCOT_T2	2	2	0	0.15	0.2	0.05	0	0	0	0	0	0	0	0
9/1/2023 11:42	56501 ROCK_T2	0	0	0	0	0	0	-0.25	-0.13	0	0	0	0	0	0
9/1/2023 11:42	42701 AUGU_T1	1	1	0	0.5	0.6	0.1	0	0	2	2	0	1800	1800	0
9/1/2023 11:42	13704 SCHN_T2	1	2	1	0.3	0.2	-0.1	0.05	0.2	0	0	0	0	0	0
9/1/2023 11:43	44301 BEAV_T2	0	2	2	0	0.2	0.2	0.9	0.69	1	1	0	600	600	0
9/1/2023 11:44	60803 BUCK_T1	0	0	0	0	0	0	-0.74	-0.72	1	1	0	600	600	0
9/1/2023 11:45	28604 BLYT_T2	0	0	0	0	0	0	-1.23	-1.25	0	0	0	0	0	0
9/1/2023 11:46	42701 AUGU_T1	1	1	0	0.5	0.6	0.1	0	0	2	2	0	1800	1800	0
9/1/2023 11:47	20403 ASHF_T2	6	6	0	0.5	0.55	0.05	0.85	0.94	0	0	0	0	0	0
9/1/2023 11:48	60803 BUCK_T1	0	0	0	0	0	0	-0.74	-0.72	1	1	0	600	600	0
9/1/2023 11:49	40101 HUNT_T2	0	1	1	0	0	0	-0.18	-0.17	0	0	0	0	0	0
9/1/2023 11:50	42902 MIDD_T2	0	3	3	0	0.2	0.2	-0.88	-0.83	1	1	0	600	600	0
9/1/2023 11:50	45802 HEGI_T2	0	0	0	0	0	0	0.25	0.43	2	2	0	1200	1200	0
9/1/2023 11:51	58402 MORO_T1	0	0	0	0	0	0	-0.9	-0.96	2	2	0	1500	1500	0
9/1/2023 11:52	54701 NEBL_T1	1	7	6	0.2	0.27	0.07	0	0	1	1	0	600	600	0
9/1/2023 11:52	43202 MVIL_T2	0	0	0	0	0	0	-0.57	-0.6	0	0	0	0	0	0
9/1/2023 11:53	52402 GRPA_T2	23	35	12	0.64

Appendix C - Grid Benefits Achieved in Each Instance of Active Management

9/1/2023 13:01	41801 GOCI_T2	6	8	2	0.5	0.48	-0.02	0	0	0	0	0	0	0
9/1/2023 13:02	40101 HUNT_T2	0	1	1	0	0.4	0.4	-0.2	-0.13	0	0	0	0	0
9/1/2023 13:03	23402 HONE_T2	0	0	0	0	0	0	0.79	0.77	0	0	0	0	0
9/1/2023 13:03	40101 HUNT_T2	0	1	1	0	0.4	0.4	-0.2	-0.13	0	0	0	0	0
9/1/2023 13:03	23401 HONE_T2	2	2	0	0.45	0.5	0.05	-0.13	-0.13	0	0	0	0	0
9/1/2023 13:03	45802 HEGI_T2	2	1	-1	0.15	0	-0.15	0.56	0.63	2	2	0	1200	1200	0
9/1/2023 13:04	24105 EHAZ_T1	4	4	0	6.18	6.23	0.05	0	0	0	0	0	0	0
9/1/2023 13:06	52404 GRPA_T2	1	1	0	0.2	0.3	0.1	0	0	0	0	0	0	0
9/1/2023 13:07	58402 MORO_T1	0	0	0	0	0	0	-0.94	-0.9	2	2	0	1500	1500	0
9/1/2023 13:09	58402 MORO_T1	0	0	0	0	0	0	-1.89	-1.8	4	4	0	3000	3000	0
9/1/2023 13:13	26603 BROO_T1	0	0	0	0	0	0	0.42	0.43	0	0	0	0	0	0
9/1/2023 13:14	15001 BLMO_T1	1	2	1	0.1	0.1	0	0	0	0	0	0	0	0	0
9/1/2023 13:15	15001 BLMO_T1	1	2	1	0.1	0.1	0	0	0	0	0	0	0	0	0
9/1/2023 13:16	15001 BLMO_T1	1	2	1	0.1	0.1	0	0	0	0	0	0	0	0	0
9/1/2023 13:17	40101 HUNT_T2	1	5	4	0.6	0.4	-0.2	-0.13	-0.11	0	0	0	0	0	0
9/1/2023 13:19	24101 EHAZ_T1	1	1	0	0.3	0.7	0.4	0.86	1.15	1	1	0	600	600	0
9/1/2023 13:19	40101 HUNT_T2	1	5	4	0.6	0.4	-0.2	-0.11	-0.15	0	0	0	0	0	0
9/1/2023 13:20	12701 MACU_T1	0	1	1	0	0	0	0.3	0.27	0	0	0	0	0	0
9/1/2023 13:22	12701 MACU_T1	0	1	1	0	0	0	0.3	0.27	0	0	0	0	0	0
9/1/2023 13:23	12701 MACU_T1	0	1	1	0	0	0	0.3	0.27	0	0	0	0	0	0
9/1/2023 13:27	42701 AUGU_T1	1	1	0	0.2	0.1	-0.1	0	0	2	2	0	1800	1800	0
9/1/2023 13:32	42701 AUGU_T1	1	1	-1	0.1	0	-0.1	0	0	2	2	0	1800	1800	0
9/1/2023 13:35	45802 HEGI_T2	0	0	0	0	0	0	0.12	0.19	2	2	0	1200	1200	0
9/1/2023 13:40	60501 NMAN_T2	3	3	0	3.47	3.97	0.5	0	0	0	0	0	0	0	0
9/1/2023 13:44	60101 COCA_T1	1	2	1	0.3	0.15	-0.15	0.72	0.66	0	0	0	0	0	0
9/1/2023 13:50	45802 HEGI_T2	0	0	0	0	0	0	0.19	0.04	2	2	0	1200	1200	0
9/1/2023 13:50	40101 HUNT_T2	5	2	-3	0.42	0.4	-0.02	-0.13	-0.06	0	0	0	0	0	0
9/1/2023 13:50	41801 GOCI_T2	8	8	0	0.44	0.4	-0.04	0	0	0	0	0	0	0	0
9/1/2023 14:02	66505 SMAN_T2	0	0	0	0	0	0	0.62	0.74	2	2	0	1500	1500	0
9/1/2023 14:07	54701 NEBL_T1	2	1	-1	0.15	0.1	-0.05	0	0	1	1	0	600	600	0
9/1/2023 14:08	59402 RFLD_T2	0	0	0	0	0	0	-0.93	-0.94	1	1	0	450	450	0
9/1/2023 14:09	66505 SMAN_T2	0	0	0	0	0	0	0.74	0.6	2	2	0	1500	1500	0
9/1/2023 14:09	43202 MVIL_T2	0	0	0	0	0	0	-0.55	-0.55	0	0	0	0	0	0
9/1/2023 14:10	42802 SEU_T1	0	0	0	0	0	0	-1.59	-1.59	1	1	0	900	900	0
9/1/2023 14:10	59402 RFLD_T2	0	0	0	0	0	0	-0.93	-0.94	1	1	0	450	450	0
9/1/2023 14:11	42802 SEU_T1	0	0	0	0	0	0	-1.59	-1.59	1	1	0	900	900	0
9/1/2023 14:11	59402 RFLD_T2	0	0	0	0	0	0	-0.93	-0.94	1	1	0	450	450	0
9/1/2023 14:12	66502 SMAN_T2	0	1	1	0	0.5	0.5	0	0	0	0	0	0	0	0
9/1/2023 14:12	45901 AUBU_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9/1/2023 14:13	15001 BLMO_T1	0	1	1	0	0	0	0	0	0	0	0	0	0	0
9/1/2023 14:13	60101 COCA_T1	2	2	0	0.15	0.3	0.15	0.66	0.68	0	0	0	0	0	0
9/1/2023 14:14	54701 NEBL_T1	2	1	-1	0.15	0.1	-0.05	0	0	1	1	0	600	600	0
9/1/2023 14:14	20403 ASHF_T2	8	3	-5	0.58	0.4	-0.18	0.67	0.71	0	0	0	0	0	0
9/1/2023 14:16	26603 BROO_T1	0	0	0	0	0	0	0.41	0.38	0	0	0	0	0	0
9/1/2023 14:16	60101 COCA_T1	2	1	-1	0.3	0.4	0.1	0.66	0.68	0	0	0	0	0	0
9/1/2023 14:17	60101 COCA_T1	2	1	-1	0.3	0.4	0.1	0.66	0.68	0	0	0	0	0	0
9/1/2023 14:17	15001 BLMO_T1	0	1	1	0	0.2	0.2	0	0	0	0	0	0	0	0
9/1/2023 14:18	63404 HONY_T1	2	3	1	6.7	7	0.3	0	0	0	0	0	0	0	0
9/1/2023 14:19	46506 LOHA_T1	0	0	0	0	0	0	-0.17	-0.18	0	0	0	0	0	0
9/1/2023 14:20	53901 HALI_T2	2	2	0	0.35	0.5	0.15	0	0	0	0	0	0	0	0
9/1/2023 14:20	40101 HUNT_T2	2	1	-1	0.6	0	-0.6	-0.09	-0.12	0	0	0	0	0	0
9/1/2023 14:21	58402 MORO_T1	0	0	0	0	0	0	-0.69	-0.68	2	2	0	1500	1500	0
9/1/2023 14:21	40901 IESH_T1	1	1	0	0.6	0.2	-0.4	0	0	0	0	0	0	0	0
9/1/2023 14:21	42902 MIDD_T2	1	2	1	0.7	0.4	-0.3	-0.04	-0.22	1	1	0	600	600	0
9/1/2023 14:21	12701 MACU_T1	0	0	0	0	0	0	0.57	-1.86	0	0	0	0	0	0
9/1/2023 14:22	57306 MOAL_T2	1	1	0	9.6	5.4	-4.2	0	0	0	0	0	0	0	0
9/1/2023 14:22	58402 MORO_T1	0	0	0	0	0	0	-0.69	-0.68	2	2	0	1500	1500	0
9/1/2023 14:22	46506 LOHA_T1	0	0	0	0	0	0	-0.35	-0.36	0	0	0	0	0	0
9/1/2023 14:22	40101 HUNT_T2	2	1	-1	0.6	0	-0.6	-0.09	-0.12	0	0	0	0	0	0
9/1/2023 14:22	45802 HEGI_T2	0	0	0	0	0	0	0.19	0.06	2	2	0	1200	1200	0
9/1/2023 14:23	58402 MORO_T1	0	0	0	0	0	0	-0.69	-0.68	2	2	0	1500	1500	0
9/1/2023 14:23	54701 NEBL_T1	1	0	-1	0.1	0	-0.1	0	0	1	1	0	600	600	0
9/1/2023 14:24	66505 SMAN_T2	0	0	0	0	0	0	0.6	0.6	2	2	0	1500	1500	0
9/1/2023 14:25	54701 NEBL_T1	1	0	-1	0.1	0	-0.1	0	0	1	1	0	600	600	0
9/1/2023 14:25	12701 MACU_T1	0	0	0	0	0	0	0.28	-0.93	0	1	1	0	1200	1200
9/1/2023 14:25	42201 SHEN_T2	1	2	1	0.2	0.3	0.1	0.56	0.58	0	0	0	0	0	0
9/1/2023 14:25	43202 MVIL_T2	0	0	0	0	0	0	-0.55	-0.53	0	0	0	0	0	0
9/1/2023 14:26	52403 GRPA_T2	6	5	-1	0.63	0.55	-0.08	0.35	0.31	0	0	0	0	0	0
9/1/2023 14:26	16302 ALPA_T2	0	0	0	0	0	0	-0.18	-0.17	0	0	0	0	0	0
9/1/2023 14:26	56501 ROCK_T2	14	14	0	0.3	0.26	-0.04	-1.27	-1.31	0	0	0	0	0	0
9/1/2023 14:27	26603 BROO_T1	0	0	0	0	0	0	0.38	0.36	0	0	0	0	0	0
9/1/2023 14:28	45901 AUBU_T1	0	0	0	0	0	0	1.68	1.66	0	0	0	0	0	0
9/1/2023 14:28	66505 SMAN_T2	0	0	0	0	0	0	0.6	0.6	2	2	0	1500	1500	0
9/1/2023 14:28	45901 AUBU_T1	0	0	0	0	0	0	1.68	1.66	0	0	0	0	0	0
9/1/2023 14:29	56801 BENV_T1	20	14	-6	0.53	0.46	-0.07	-0.51	-0.5	1	1	0	600	600	0
9/1/2023 14:29	56802 BENV_T2	2	2	0	0.55	0.45	-0.1	-0.65	-0.65	0	0	0	0	0	0
9/1/2023 14:29	60801 BUCK_T1	1	1	0	0.5	0.7	0.2	0	0	0	0	0	0	0	0
9/1/2023 14:30	56802 BENV_T2	2	1	-1	0.45	0.5	0.05	-1.3	-1.3	0	0	0	0	0	0
9/1/2023 14:30	60801 BUCK_T1	1	1	0	0.7	0.3	-0.4	0	0	0	0	0	0	0	0
9/1/2023 14:30	20403 ASHF_T2	2	3	1	0.35	0.33	-0.02	0.71	0.56	0	0	0	0	0	0
9/1/2023 14:30	56801 BENV_T1	13	10	-3	0.47	0.52	0.05	-0.51	-0.5	1	1	0	600	600	0
9/1/2023 14:30	16302 ALPA_T2	0	0	0	0	0	0	-0.18	-0.17	0	0	0	0	0	0
9/1/2023 14:31	45902 AUBU_T1	0	0	0	0	0	0	-0.62	-0.59	1	1	0	600	600	0
9/1/2023 14:31	56801 BENV_T1	13	10	-3	0.47	0.52	0.05	-1.03	-1.01	2	2	0	1200	1200	0
9/1/2023 14:31	45902 AUBU_T1	0	0	0	0	0	0	-0.62	-0.59	1	1	0	600	600	0
9/1/2023 14:31	56802 BENV_T2	2	1	-1	0.45	0.5	0.05	-0.65	-0.65	0	0	0	0	0	0
9/1/2023 14:32	40101 HUNT_T2	1	0	-1	0.3	0	-0.3	-0.09	-0.12	0	0	0	0	0	0
9/1/2023 14:32	56801 BENV_T1	13	10	-3	0.47	0.52	0.05	-0.51	-0.5	1	1	0	600	600	0
9/1/2023 14:32	56803 BENV_T1	1	4	3	3.8	1.5	-2.3	0.53	0.5	0	0	0	0	0	0
9/1/2023 14:32	45802 HEGI_T2	0	0	0	0	0	0	0.19	0.06	2	2	0	1200	1200	0
9/1/2023 14:33	61302 EARL_T1	0	1	1	0	0.2	0.2	0	0	0	0	0	0	0	0
9/1/2023 14:33	56803 BENV_T1	1	4	3	3.8	1.5	-2.3	0	0	0	0	0	0	0	0
9/1/2023 14:34	61302 EARL_T1	0	1	1	0	0.2	0.2	0	0	0	0	0	0	0	0
9/1/2023 14:35	53901 HALI_T2	2	2	0	0.5	0.3	-0.2	0	0	0	0	0	0	0	0
9/1/2023 14:36	58402 MORO_T1	0	0	0	0	0	0	-0.68	-0.77	2	2	0	1500	1500	0
9/1/2023 14:37	42902 MIDD_T2	2	1	-1	0.4	0.8	0.4	-0.22	-0.33	1	1	0	600	600	0
9/1/2023 14:38	57303 MOAL_T2	1	1	0	7.5	7.5	0	0	0	0	0	0	0	0	0
9/1/2023 14:38	59402 RFLD_T2	0	1	1	0	4.2	4.2	-0.93	-1.02	1	1	0	450	450	0
9/1/2023 14:38	58402 MORO_T1	0	0	0	0	0	0	-0.68	-0.77	2	2	0	1500	1500	0
9/1/2023 14:39	66703 STRA_T1	0	0	0	0	0	0	0.39	0.4	0	0	0	0	0	0
9/1/2023 14:39	58402 MORO_T1	0	0	0	0	0	0	-0.68	-0.77	2	2	0	1500	1500	0
9/1/2023 14:40	66505 SMAN_T2	0	0	0	0	0	0	0.6	0.48	2	2	0	1500	1500	0
9/1/2023 14:40	52402 GRPA_T2	5	6	1	0.72	0.55	-0.17	0	0	0	0	0	0	0	0
9/1/2023 14:40	43202 MVIL_T2	0	0	0	0	0	0	-0.53	-0.53	0	0	0	0	0	0
9/1/2023 14:41	56501 ROCK_T2	14	8	-6	0.26	0.3	0.04	-1.31	-1.27	0	0	0	0	0	0
9/1/2023 14:42	26603 BROO_T1	0	0	0	0	0	0	0.36	0.37	0	0	0	0	0	0
9/1/2023 14:42	16302 ALPA_T2	0	0	0	0	0	0	-0.17	-0.18	0	0	0	0	0	0
9/1/2023 14:42	45901 AUBU_T1	0	0	0	0	0	0	1.66	1.8	0	0	0	0	0	0
9/1/2023 14:43	56801 BENV_T1	13	10	-3	0.47	0.52	0.05	0	0	0	0	0	0	0	0
9/1/2023 14:43	15001 BLMO_T1	1	1	0	0.9	0	-0.9	0	0	0	0	0	0	0	0
9/1/2023 14:44	45902 AUBU_T1	0	0	0	0	0	0	-0.59	-0.58	1	1	0	600	600	0
9/1/2023 14:44	66502 SMAN_T2	0	1	1	0	0.1	0.1	0	0	0	0	0	0	0	0
9/1/2023 14:44	28604 BLYT_T2	0	0	0	0	0	0	-1.15	-1.11	0	0	0	0	0	0
9/1/2023 14:44	62604 ENGL_T1	0	0	0	0	0	0	0.09	-0.96	1	1	0	600	600	0
9/1/2023 14:45	29402 BELT_T1	1	102	101	0.2	0.64	0.44	0	0	0	0	0	0	0	0
9/1/2023 14:45	16302 ALPA_T2	0	0	0	0	0	0	-0.17	-0.18	0	0	0	0	0	0
9/1/2023 14:45	56802 BENV_T2	1	3	2	0.5	0.6	0.1	-0.65	-0.63	0	0	0	0	0	0
9/1/2023 14:45	54701 NEBL_T1	0	0	0	0	0	0	0	0	1	1	0	600	600	0
9/1/2023 14:45	10805 CHHI_T2	1	10	9	8.5	8.1	-0.4	-1.18	-1.28	2	2	0	1800	1800	0
9/1/2023 14:45	15001 BLMO_T1	1	0	-1	0.2	0	-0.2	0	0	0	0	0	0	0	0
9/1/2023 14:46	20403 ASHF_T2	3	2	-1	0.3	0.35	0.05	0.56	0.59	0	0	0	0	0	0
9/1/2023 14:46	56802 BENV_T2	1	3	2	0.5	0.6	0.1	-0.32	-0.31	0	0	0	0	0	0
9/1/2023 14:46	60803 BUCK_T1	0	0	0	0	0	0	-1.11	-1.08	1	1	0	600	600	0
9/1/2023 14:46	45902 AUBU_T1	0	1	1	0	0	0	-0.59	-0.58	1	1	0	600	600	0
9/1/2023 14:47	62604 ENGL_T1	0	0	0	0	0	0	0.18	-1.93	2	2	0	1200	1200	0
9/1/2023 14:47	45901 AUBU_T1	0	0	0	0	0	0	1.66	1.8	0	0	0	0	0	0
9/1/2023 14:47	11102 EGYP_T1	0	1	1	0	0	0	0	0	0	0	0	0	0	0
9/1/2023 14:48	40101 HUNT_T2	0	2	2	0	0	0	-0.12	-0.1	0	0	0	0	0	0
9/1/2023 14:48	11102 EGYP_T1	0	1	1	0	0	0	0	0	0	0	0	0	0	0
9/1/2023 14:48	60803 BUCK_T1	0	0	0	0	0	0	-1.11	-1.08	1	1	0	600	600	0
9/1/2023 14:48	62604 ENGL_T1	0	0	0	0	0	0	0.09	-0.96	1	1	0	600	600	0
9/1/2023 14:49	63404 HONY_T1	3	2	-1	4.63	6.6	1.97	0	0	0	0	0	0	0	0
9/1/2023 14:50	53903 HALI_T2	4	3	-1	0.4	0.58	0.18	0.06	0.06	0	0	0	0	0	0
9/1/2023 14:51	64305 LINC_T1	1	0	-1	0.2	0	-0.2	0	0	0	0	0	0	0	0
9/1/2023 14:52	56802 BENV_T2	1	3	2	0.5	0.6	0.1	-0.31	-0.33	0	0	0	0	0	0
9/1/2023 14:53	58402 MORO_T1	0	0	0	0	0	0	-0.77	-0.78	2	2	0	1500	1500	0
9/1/2023 14:53	48302 ORWI_T2	2	2	0	0.6	0.75	0.15	0.15	0.1	0	0	0	0	0	0
9/1/2023 14:54	66703 STRA_T1	0	0	0	0	0	0	0.4	0.33	0	0	0	0	0	0
9/1/2023 14:56	44901 SCOT_T2	0	0	0	0	0	0	0.46	0.62	0	0	0	0	0	0
9/1/2023 14:57	42201 SHEN_T2	2	2	0	0.3	0.3	0	0.6	0.61	0	0	0	0	0	0
9/1/2023 14:58	60101 COCA_T1	0	0	0	0	0	0	0.66	0.7	0	0	0	0	0	0
9/1/2023 15:01	62604 ENGL_T1	0	0	0	0	0	0	-0.96	-0.98	1	1	0	600	600	0
9/1/2023 15:04	61303 EARL_T1	0	1	1	0	0	0	0	0	0	0	0	0	0	0
9/1/2023 15:07	48302 ORWI_T2	2	2	0	0.75	0.9	0.15	0.1	0.12	0	0	0	0	0	0
9/1/2023 15:12	42903 MIDD_T2	3	3	0	0.83	0.9	0.07	-0.76	-0.8	1	1	0	1200	1200	0
9/1/2023 15:14	41602 CLEV_T1	0	0	0	0	0	0	0	0	1	1	0	600	600	0
9/1/2023 15:15	15001 BLMO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9/1/2023 15:16	15001 BLMO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9/1/2023 15:17	41602 CLEV_T1	0	0	0	0	0	0	0	0	1	1	0	600	600	0
9/1/2023 15:18	40101 HUNT_T2	2	0	-2	0.4	0	-0.4	-0.1	-0.11	0	0	0	0	0	0
9/1/2023 15:19	40101 HUNT_T2	2	0	-2	0.4	0	-0.4	-0.11	-0.09	0	0	0	0	0	0
9/1/2023 15:22	65003 NEFF_T2	1	0	-1	0.2	0	-0.2	0	0	0	0	0	0	0	0
9/1/2023 15:22	63403 HONY_T2	0	1	1	0	0	0	-0.35	-0.95	1	1	0	600	600	0
9/1/2023 15:24	56802 BENV_T2	1	1	0	0.6	0.8	0.2	-0.31	-0.39	0	0	0	0	0	0
9/1/2023 15:30	11104 EGYP_T1	6	6	0	0.48	0.5	0.02	0.98	1.01	0	0	0	0	0	0
9/1/2023 15:39	44201 POIN_T1	2	7	5	0.15	0.23	0.08	-1.56	-1.54	2	2	0	2100	2100	0
9/1/2023 15:46	45901 AUBU_T1	0	0	0	0	0	0	1.83	1.67	0	0	0	0	0	0
9/1/2023 15:47	45902 AUBU_T1	0	0	0	0	0	0	-0.56	-0.56	1	1	0	600	600	0
9/1/2023 15:54	42001 MNVL_T2	1	1	0	0.4	0.2	-0.2	0.47	0.57	0	0	0	0	0	0
9/1/2023 15:54	42903 MIDD_T2	2	2	0	1.5	1.6	0.1	-1.1	-1.02	1	1	0	1200	1200	0
9/1/2023 15:54	52403 GRPA_T2	1	3	2	1.1	0.2	-0.9	0.25	0.04	0	0	0	0	0	0
9/1/2023 15:57	65902 SAKR_T2	0	0	0	0	0	0	-0.17	-0.18	1	1	0	900	900	0
9/1/2023 15:59	43301 WATS_T2	1	2	1	0.4	0.35	-0.05	0	0	0	0	0	0	0	0
9/1/2023 16:02	56801 BENV_T1	12	12	0	0.95	0.83	-0.12	0	0	0	0	0	0	0	0
9/1/2023 16:03	23201 HIRU_T2	4	6	2	0.15	0.17	0.02	0	0	0	0	0	0	0	0
9/1/2023 16:05	12701 MACU_T1	0	0	0	0	0	0	-0.85	-0.84	1	1	0	1200	1200	0
9/1/2023 16:06	12701 MACU_T1	0	0	0	0	0	0	-0.85	-0.84	1	1	0	1200	1200	0
9/1/2023 16:07	45003 LIME_T2	1	1	0	2.4	2.6	0.2	0	0	1	1	0	1200	1200	0
9/1/2023 16:16	43001 ALWD_T1	3	3	0	0.5	0.23	-0.27	0	0	0	0	0	0	0	0
9/1/2023 16:20	53501 EVIL_T2	0	0	0	0	0	0	-0.89	-0.86	1	1	0	600	600	0
9/1/2023 16:30	43302 WATS_T2	2	0	-2	0.15	0	-0.15	0	0	0	0	0	0	0	0
9/1/2023 16:43	65901 SAKR_T2	0	0	0	0	0	0	-0.21	-0.14	2	2	0	1500	1500	0
9/1/2023 18:04	62607 ENGL_T1	1	1	0	6	5.5	-0.5	0.01	0.01	1	1	0	300	300	0
9/1/2023 20:39	53903 HALI_T2	2	2	0	1.3	1.7	0.4	-0.03	-0.06	0	0	0	0	0	0
9/1/2023 20:44	59101 WALK_T2	1	1	0	0	0	0	1.32	1.19	1	1	0	450	450	0
9/1/2023 20:47	59101 WALK_T2	1	1	0	0	0	0	2.65	2.38	2	2	0	900	900	0
9/1/2023 21:14	15603 NSTR_T2	0	0	0	0	0	0	-0.52	-0.52	0	0	0	0	0	0
9/1/2023 21:23	59402 RFLD_T2	146	150	4	0.53	0.5	-0.03	-1.23

9/1/2023 21:42	23401 HONE_T2	0	0	0	0	0	0	-0.5	-0.58	0	0	0	0	0	0
9/1/2023 21:43	63404 HONY_T1	2	2	0	7.25	7.7	0.45	0	0	0	0	0	0	0	0
9/1/2023 21:43	56801 BENV_T1	21	26	5	0.87	0.83	-0.04	0	0	0	0	0	0	0	0
9/1/2023 21:43	20403 ASHF_T2	0	0	0	0	0	0	0.25	0.25	0	0	0	0	0	0
9/1/2023 21:43	17804 GILB_T2	0	0	0	0	0	0	-0.49	-0.5	0	0	0	0	0	0
9/1/2023 21:43	61301 EARL_T1	0	0	0	0	0	0	0.21	0.2	0	0	0	0	0	0
9/1/2023 21:43	23402 HONE_T2	0	0	0	0	0	0	0.51	0.62	0	0	0	0	0	0
9/1/2023 21:43	59402 RFLD_T2	120	150	30	0.42	0.5	0.08	-1.24	-1.24	1	1	0	450	450	0
9/1/2023 21:43	56503 ROCK_T2	11	1	-10	0.12	0.1	-0.02	0	0	0	0	0	0	0	0
9/1/2023 21:44	46506 LOHA_T1	0	1	1	0	0.6	0.6	-0.29	-0.3	0	0	0	0	0	0
9/1/2023 21:44	53601 DALM_T2	1	1	0	0.8	0.9	0.1	-0.06	-0.05	0	0	0	0	0	0
9/1/2023 21:44	60101 COCA_T1	0	0	0	0	0	0	0.81	0.74	0	0	0	0	0	0
9/1/2023 21:44	56802 BENV_T2	1	1	0	0.9	1.1	0.2	-0.51	-0.55	0	0	0	0	0	0
9/1/2023 21:44	29401 BELT_T1	0	43	43	0	0.21	0.21	0	0	1	1	0	900	900	0
9/1/2023 21:44	62604 ENGL_T1	0	0	0	0	0	0	-0.72	-0.82	0	0	0	0	0	0
9/1/2023 21:44	41602 CLEV_T1	4	4	0	0.15	0.18	0.03	0	0	1	1	0	600	600	0
9/1/2023 21:44	45901 AUBU_T1	9	83	74	0.16	0.33	0.17	0	0	0	0	0	0	0	0
9/1/2023 21:44	60801 BUCK_T1	102	142	40	0.38	0.51	0.13	0	0	0	0	0	0	0	0
9/1/2023 21:44	56801 BENV_T1	21	26	5	0.87	0.83	-0.04	-0.7	-0.71	1	1	0	600	600	0
9/1/2023 21:44	64301 LINC_T1	0	0	0	0	0	0	-0.28	0.29	1	0	-1	600	0	-600
9/1/2023 21:45	53501 EVIL_T2	1	9	8	0.2	0.38	0.18	-0.59	-0.63	0	0	0	0	0	0
9/1/2023 21:45	56801 BENV_T1	26	18	-8	0.83	0.88	0.05	-0.7	-0.71	1	1	0	600	600	0
9/1/2023 21:45	16302 ALPA_T2	0	0	0	0	0	0	0.73	0.74	0	0	0	0	0	0
9/1/2023 21:45	44801 EDAN_T2	1	1	0	0.4	0.3	-0.1	0	0	0	0	0	0	0	0
9/1/2023 21:45	65001 NEFF_T2	143	152	9	0.2	0.22	0.02	-0.96	-1.01	1	1	0	1200	1200	0
9/1/2023 21:45	42701 AUGU_T1	1	1	0	0.5	0.8	0.3	0	0	2	2	0	1800	1800	0
9/1/2023 21:45	28604 BLYT_T2	0	0	0	0	0	0	-1.21	-1.22	0	0	0	0	0	0
9/1/2023 21:46	28403 HART_T2	0	0	0	0	0	0	-0.71	-0.72	1	1	0	900	900	0
9/1/2023 21:46	62604 ENGL_T1	0	1	1	0	0	0	-0.72	-0.82	0	0	0	0	0	0
9/1/2023 21:46	40101 HUNT_T2	0	0	0	0	0	0	-0.64	-0.65	0	0	0	0	0	0
9/1/2023 21:47	42903 MIDD_T2	2	2	0	0.9	0.9	0	0	0	0	0	0	0	0	0
9/1/2023 21:47	65903 SAKR_T2	2	0	-2	0.1	0	-0.1	0	0	0	0	0	0	0	0
9/1/2023 21:47	42802 SELI_T1	1	1	0	0.2	0.9	0.7	-1.19	-1.17	0	0	0	0	0	0
9/1/2023 21:47	15001 BLMO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9/1/2023 21:47	56802 BENV_T2	1	1	0	1.1	0.8	-0.3	-1.03	-1.1	0	0	0	0	0	0
9/1/2023 21:47	41901 REED_T1	11	10	-1	0.35	0.33	-0.02	-1.49	-1.49	1	1	0	900	900	0
9/1/2023 21:48	64802 MONE_T2	0	0	0	0	0	0	0.13	0.11	0	0	0	0	0	0
9/1/2023 21:48	26603 BROO_T1	0	0	0	0	0	0	0.31	0.29	0	0	0	0	0	0
9/1/2023 21:48	43301 WATS_T2	0	0	0	0	0	0	0.39	0.39	0	0	0	0	0	0
9/1/2023 21:48	56803 BENV_T1	0	0	0	0	0	0	0.3	0.3	0	0	0	0	0	0
9/1/2023 21:48	66703 STRA_T1	6	8	2	0.55	0.55	0	-0.07	-0.07	0	0	0	0	0	0
9/1/2023 21:48	15001 BLMO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9/1/2023 21:48	57301 MOAL_T2	5	8	3	0.16	0.16	0	0	0	0	0	0	0	0	0
9/1/2023 21:48	45802 HEGI_T2	0	0	0	0	0	0	0.86	0.91	0	0	0	0	0	0
9/1/2023 21:48	12701 MACU_T1	0	0	0	0	0	0	-1.12	-1.14	1	1	0	1200	1200	0
9/1/2023 21:49	28403 HART_T2	0	0	0	0	0	0	-0.72	-0.73	1	1	0	900	900	0
9/1/2023 21:49	58402 MORO_T1	0	0	0	0	0	0	-1.05	-1.1	2	2	0	1500	1500	0
9/1/2023 21:49	11104 EGYP_T1	0	0	0	0	0	0	0.63	0.62	0	0	0	0	0	0
9/1/2023 21:49	15001 BLMO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9/1/2023 21:50	43302 WATS_T2	4	4	0	0.23	0.5	0.27	0	0	0	0	0	0	0	0
9/1/2023 21:50	43001 ALWD_T1	13	18	5	0.32	0.37	0.05	0	0	0	0	0	0	0	0
9/1/2023 21:50	46504 LOHA_T1	2	3	1	0.95	1.1	0.15	0	0	0	0	0	0	0	0
9/1/2023 21:50	62604 ENGL_T1	0	1	1	0	0	0	-0.82	-0.87	0	0	0	0	0	0
9/1/2023 21:50	41602 CLEV_T1	4	3	-1	0.15	0.17	0.02	0	0	1	1	0	600	600	0
9/1/2023 21:50	56802 BENV_T2	1	1	0	1.1	0.8	-0.3	-1.1	-1.07	0	0	0	0	0	0
9/1/2023 21:50	56803 BENV_T1	26	18	-8	0.83	0.88	0.05	-0.71	-0.74	1	1	0	600	600	0
9/1/2023 21:51	42001 MNVL_T2	0	0	0	0	0	0	0.19	0.15	0	0	0	0	0	0
9/1/2023 21:51	43202 MVIL_T2	47	62	15	0.21	0.44	0.23	-0.69	-0.68	0	0	0	0	0	0
9/1/2023 21:51	52401 GRPA_T2	1	0	-1	0.1	0	-0.1	0	0	0	0	0	0	0	0
9/1/2023 21:51	42701 AUGU_T1	1	1	0	0.5	0.8	0.3	0	0	2	2	0	1800	1800	0
9/1/2023 21:51	42903 MIDD_T2	2	2	0	0.9	0.9	0	-0.27	-0.31	0	0	0	0	0	0
9/1/2023 21:52	56802 BENV_T2	1	1	0	1.1	0.8	-0.3	-0.55	-0.53	0	0	0	0	0	0
9/1/2023 21:52	40901 IESH_T1	39	60	21	0.2	0.3	0.1	0	0	0	0	0	0	0	0
9/1/2023 21:52	42201 SHEN_T2	0	0	0	0	0	0	0.48	0.45	0	0	0	0	0	0
9/1/2023 21:52	44802 EDAN_T2	0	0	0	0	0	0	-0.72	-0.74	0	0	0	0	0	0
9/1/2023 21:52	59402 RFLD_T2	146	103	-43	0.5	0.44	-0.06	-1.24	-1.23	1	1	0	450	450	0
9/1/2023 21:52	42802 SELI_T1	1	1	0	0.2	0.9	0.7	-1.17	-1.15	0	0	0	0	0	0
9/1/2023 21:53	53501 EVIL_T2	1	9	8	0.2	0.38	0.18	-0.63	-0.66	0	0	0	0	0	0
9/1/2023 21:53	54701 NEBL_T1	7	1	-6	0.23	0.1	-0.13	0	0	1	1	0	600	600	0
9/1/2023 21:53	45001 LIME_2	37	62	25	0.35	0.19	-0.16	0	0	0	0	0	0	0	0
9/1/2023 21:53	56801 BENV_T1	26	18	-8	0.83	0.88	0.05	-0.71	-0.74	1	1	0	600	600	0
9/1/2023 21:53	40101 HUNT_T2	0	0	0	0	0	0	-0.65	-0.68	0	0	0	0	0	0
9/1/2023 21:53	58402 MORO_T1	0	0	0	0	0	0	-1.05	-1.1	2	2	0	1500	1500	0
9/1/2023 21:54	46504 LOHA_T1	2	3	1	0.95	1.1	0.15	0	0	0	0	0	0	0	0
9/1/2023 21:54	56801 BENV_T1	26	18	-8	0.83	0.88	0.05	-0.71	-0.74	1	1	0	600	600	0
9/1/2023 21:54	56802 BENV_T2	1	1	0	1.1	0.8	-0.3	-0.55	-0.53	0	0	0	0	0	0
9/1/2023 21:55	43304 WATS_T2	0	0	0	0	0	0	-0.51	-0.55	0	0	0	0	0	0
9/1/2023 21:56	56802 BENV_T2	1	1	0	1.1	0.8	-0.3	-0.55	-0.53	0	0	0	0	0	0
9/1/2023 21:57	12701 MACU_T1	0	0	0	0	0	0	-1.14	-1.13	1	1	0	1200	1200	0
9/1/2023 22:20	29401 BELT_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9/1/2023 23:10	52404 GRPA_T2	1	1	0	0.7	0.9	0.2	0	0	0	0	0	0	0	0
9/2/2023 0:06	66505 SMAN_T2	3	3	0	0.87	0.97	0.1	-0.34	-0.36	1	1	0	900	900	0
9/2/2023 1:23	53901 HALI_T2	3	77	74	0.37	0.57	0.2	0	0	0	0	0	0	0	0
9/2/2023 8:03	59402 RFLD_T2	50	25	-25	0.28	0.23	-0.05	-1.27	-1.25	1	1	0	450	450	0
9/2/2023 8:20	44902 SCOT_T2	119	6	-113	0.11	0.1	-0.01	0	0	0	0	0	0	0	0
9/2/2023 8:21	59101 WALK_T2	1	1	0	0	0	0	1.36	1.46	0	0	0	0	0	0
9/2/2023 9:00	40101 HUNT_T2	0	0	0	0	0	0	-0.74	-0.69	0	0	0	0	0	0
9/2/2023 9:09	26603 BROO_T1	0	0	0	0	0	0	0.14	0.17	0	0	0	0	0	0
9/2/2023 9:17	64101 REFR_T1	0	0	0	0	0	0	0.21	0.25	0	0	0	0	0	0
9/2/2023 9:20	58003 WCAR_T1	3	24	21	0.7	0.28	-0.42	0.66	0.65	0	0	0	0	0	0
9/2/2023 9:21	64101 REFR_T1	0	0	0	0	0	0	0.5	0.5	0	0	0	0	0	0
9/2/2023 9:21	29402 BELT_T1	114	105	-9	0.99	0.92	-0.07	0	0	0	0	0	0	0	0
9/2/2023 9:26	45802 HEGI_T2	0	0	0	0	0	0	0.52	0.26	0	0	0	0	0	0
9/2/2023 9:29	13503 MCMI_T2	0	0	0	0	0	0	-0.01	-0.01	0	0	0	0	0	0
9/2/2023 9:29	42002 MNVL_T2	1	1	0	1.3	1.2	-0.1	0	0	0	0	0	0	0	0
9/2/2023 9:30	23401 HONE_T2	0	0	0	0	0	0	0.06	0.12	0	0	0	0	0	0
9/2/2023 9:31	48302 ORWI_T2	2	3	1	0.65	0.9	0.25	-0.2	-0.19	0	0	0	0	0	0
9/2/2023 9:35	43202 MVIL_T2	0	0	0	0	0	0	-0.68	-0.67	0	0	0	0	0	0
9/2/2023 9:37	49803 UNIV_T1	0	0	0	0	0	0	-1.05	-1	0	0	0	0	0	0
9/2/2023 9:40	45902 AUBU_T1	0	0	0	0	0	0	-0.26	-0.22	0	0	0	0	0	0
9/2/2023 9:42	45003 LIME_2	1	1	0	3.4	2.9	-0.5	0	0	1	1	0	1200	1200	0
9/2/2023 9:47	54701 NEBL_T1	0	0	0	1	0	0	0	0	1	1	0	600	600	0
9/2/2023 9:47	41901 REED_T1	0	0	0	0	0	0	-2	-1.99	1	1	0	900	900	0
9/2/2023 9:51	56802 BENV_T2	7	5	-2	1.73	0.52	-1.21	-1.25	-1.23	0	0	0	0	0	0
9/2/2023 9:51	42201 SHEN_T2	0	0	0	0	0	0	0.48	0.47	0	0	0	0	0	0
9/2/2023 9:52	56802 BENV_T2	7	5	-2	1.73	0.52	-1.21	-1.25	-1.23	0	0	0	0	0	0
9/2/2023 9:53	66701 STRA_T1	1	1	0	0.3	0.6	0.3	0	0	0	0	0	0	0	0
9/2/2023 9:54	56802 BENV_T2	7	5	-2	1.73	0.52	-1.21	-1.25	-1.23	0	0	0	0	0	0
9/2/2023 9:55	56802 BENV_T2	7	5	-2	1.73	0.52	-1.21	-1.25	-1.23	0	0	0	0	0	0
9/2/2023 9:55	15001 BLMO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9/2/2023 9:58	24101 EHAZ_T1	0	1	1	0	0	0	1.01	0.99	0	0	0	0	0	0
9/2/2023 10:00	67605 WARW_T1	15	16	1	0.58	0.41	-0.17	0	0	0	0	0	0	0	0
9/2/2023 10:00	10602 BLGI_T2	0	0	0	0	0	0	0.11	0.11	0	0	0	0	0	0
9/2/2023 10:00	48302 ORWI_T2	2	2	0	0.9	0.85	-0.05	-0.2	-0.15	0	0	0	0	0	0
9/2/2023 10:00	66505 SMAN_T2	0	0	0	0	0	0	0.58	0.53	2	3	1	1100	1700	600
9/2/2023 10:00	20401 ASHF_T2	0	0	0	0	0	0	-0.19	-0.2	1	1	0	600	600	0
9/2/2023 10:00	23401 HONE_T2	0	0	0	0	0	0	0.1	0.14	0	0	0	0	0	0
9/2/2023 10:00	52503 PROG_T2	0	0	0	0	0	0	-0.64	-0.62	1	1	0	900	900	0
9/2/2023 10:00	56601 HAMP_T1	0	0	0	0	0	0	-0.02	-0.05	0	0	0	0	0	0
9/2/2023 10:00	41901 REED_T1	0	0	0	0	0	0	-1.99	-1.96	1	1	0	900	900	0
9/2/2023 10:00	64101 REFR_T1	0	0	0	0	0	0	0.74	0.79	0	0	0	0	0	0
9/2/2023 10:00	54701 NEBL_T1	0	0	0	0	0	0	0	0	1	1	0	600	600	0
9/2/2023 10:00	59102 WALK_T2	0	1	1	0	0.3	0.3	0	0	0	0	0	0	0	0
9/2/2023 10:00	12606 MACA_T1	1	1	0	7	0	-7	0	0	0	0	0	0	0	0
9/2/2023 10:00	59402 RFLD_T2	14	9	-5	0.24	0.23	-0.01	-1.19	-1.18	1	1	0	450	450	0
9/2/2023 10:00	15001 BLMO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9/2/2023 10:00	64801 MONE_T2	0	1	1	0	0.1	0.1	0.36	0.37	0	0	0	0	0	0
9/2/2023 10:06	59102 WALK_T2	0	1	1	0	0.3	0.3	0	0	0	0	0	0	0	0
9/2/2023 10:06	42201 SHEN_T2	0	0	0	0	0	0	0.47	0.5	0	0	0	0	0	0
9/2/2023 10:07	26603 BROO_T1	0	0	0	0	0	0	0.2	0.18	0	0	0	0	0	0
9/2/2023 10:08	45602 WOOL_T1	0	0	0	0	0	0	0.49	0.47	0	0	0	0	0	0
9/2/2023 10:08	56802 BENV_T2	5	5	0	0.52	0.3	-0.22	-1.23	-1.18	0	0	0	0	0	0
9/2/2023 10:08	29402 BELT_T1	93	96	3	0.82	0.71	-0.11	0	0	0	0	0	0	0	0
9/2/2023 10:09	49803 UNIV_T1	0	0	0	0	0	0	-1.02	-0.9	0	0	0	0	0	0
9/2/2023 10:10	20403 ASHF_T2	1	1	0	0.1	0.5	0.4	0.25	0.25	0	0	0	0	0	0
9/2/2023 10:10	56802 BENV_T2	5	5	0	0.52	0.3	-0.22	-1.23	-1.18	0	0	0	0	0	0
9/2/2023 10:11	56802 BENV_T2	5	5	0	0.52	0.3	-0.22	-1.23	-1.18	0	0	0	0	0	0
9/2/2023 10:11	52402 GRPA_T2	4	4	0	0.9	0.85	-0.05	0	0	0	0	0	0	0	0
9/2/2023 10:11	29402 BELT_T1	93	96	3	0.82	0.71	-0.11	0	0	0	0	0	0	0	0
9/2/2023 10:12	40101 HUNT_T2	0	0	0	0	0	0	-0.67	-0.64	0	0	0	0	0	0
9/2/2023 10:12	28403 HART_T2	0	0	0	0	0	0	-0.74	-0.71	1	1	0	900	900	0
9/2/2023 10:13	40101 HUNT_T2	0	0	0	0	0	0	-0.67	-0.64	0	0	0	0	0	0
9/2/2023 10:14	17804 GILB_T2	1	2	1	1.4	1.7	0.3	-0.5	-0.48	0	0	0	0	0	0
9/2/2023 10:16	43202 MVIL_T2	0	0	0	0	0	0	-0.66	-0.67	0	0	0	0	0	0
9/2/2023 10:16	13503 MCMI_T2	0	0	0	0	0	0	-0.01	-0.01	0	0	0	0	0	0
9/2/2023 10:18	56501 ROCK_T2	0	0	0	0	0	0	-0.37	-0.25	0	0	0	0	0	0
9/2/2023 10:19	66703 STRA_T1	0	0	0	0	0	0	0.05	0.11	0	0	0	0	0	0
9/2/2023 10:19	66505 SMAN_T2	0	0	0	0	0	0	0.69	0.54	3	2	-1	1700	1100	-600
9/2/2023 10:21	42701 AUGU_T1	1	2	1	0.1	0.55	0.45	0	0	4	4	0	3600	3600	0
9/2/2023 10:22	67502 WEWI_T2	0	2	2	0	0.35	0.35	-2.59	-2.54	2	2	0	1800	1800	0
9/2/2023 10:22	42701 AUGU_T1	1	2	1	0.1	0.55	0.45	0	0	4	4	0	3600	3600	0
9/2/2023 10:23	67502 WEWI_T2	0	2	2	0	0.35	0.35	-1.3	-1.27	1	1	0	900	900	0
9/2/2023 10:24	42701 AUGU_T1	1	2	1	0.1	0.55	0.45	0	0	2	2	0	1800	1800	0
9/2/2023 10:25	15001 BLMO_T1	0	1	1	0	0.1	0.1	0	0	0	0	0	0	0	0
9/2/2023 10:25	14403 SSLA_T1	0	0	0	0	0	0	0.96	0.99	0	0	0	0	0	0
9/2/2023 10:26	15001 BLMO_T1	0	1	1	0	0.1	0.1	0	0	0	0	0	0	0	0
9/2/2023 10:26	14403 SSLA_T1	0	0	0	0	0	0	0.96	0.99	0	0	0	0	0	0
9/2/2023 10:37	29402 BELT_T1	83	91	8	0.62	0.61	-0.01	0	0	0	0	0	0	0	0
9/2/2023 10:37	44901 SCOT_T2	0	0	0	0	0	0	0.13	0.29	0	0	0	0	0	0
9/2/2023 10:39	28604 BLYT_T2	0	0	0	0	0	0	-1.19	-1.21	0	0	0	0	0	0
9/2/2023 10:39	56802 BENV_T2	5	2	-3	0.3	0.5	0.2	-3.55	-3.47	0	0	0	0	0	0
9/2/2023 10:40	15001 BLMO_T1	0	1	1	0	0.1	0.1	0	0	0	0	0	0	0	0
9/2/2023 10:42	56802 BENV_T2	5	2	-3	0.3	0.5	0.2	-1.18	-1.16	0	0	0	0	0	0
9/2/2023 10:45	58402 MORO_T1	0	0	0	0	0	0	-0.25	-0.31	1	1	0	600	600	0
9/2/2023 10:47	44201 POIN_T1	0	1	1	0	0	0	-1.43	-1.43	1	1	0	900	900	0
9/2/2023 10:47	65001 NEFF_T2	0	0	0	0	0	0	-0.94	-0.86	1	1	0	1200	1200	0
9/2/2023 10:47	52004 LING_T2	2	2	0	0.4	0.8	0.4	0.23	0.22	0	0	0	0	0	0
9/2/2023 10:49	44201 POIN_T1	0	1	1	0	0	0	-1.43	-1.38	1	1	0	900	900	0
9/2/2023 10:50	44201 POIN_T1	0	1	1	0	0	0	-2.87	-2.76	2	2	0	1800	1800	0
9/2/2023 10:54	59102 WALK_T2	1	2	1	0.2	0.2	0	0	0	0	0	0	0	0	0
9/2/2023 10:55	67502 WEWI_T2	2	2	0	0.35	0.5	0.15	0	0	0	0	0	0	0	0
9/2/2023 10:56	28403 HART_T2	0	0	0	0	0	0	-0.71	-0.67	1	1	0	900	900	0
9/2/2023 11:00	42902 MIDD_T2	0	0	0	0	0	0	-0.61	-0.61	0	0	0	0	0	0
9/2/2023 11:01	40101 HUNT_T2	0	0	0	0	0	0	-0.62	-0.6	0	0	0	0	0	0
9/2/2023 11:03	16402 MOPO_T1	0	0	0	0	0	0	0.67	-0.43	0	0	0	0	0	0
9/2/2023 11:04	16402 MOPO_T1	0	0	0	0	0	0	-0.43	-0.42	0	0	0	0	0	0
9/2/2023 11:08	60801 BUCK_T1	20	23	3	0.21	0.23	0.02	0	0	0	0	0	0	0	0
9/2/2023 11:09	60803 BUCK_T1	0	0	0	0	0	0	-1.37	-1.36	1	1	0	600	600

9/2/2023 11:40	67502 WEWI_T2	2	1	-1	0.35	0.5	0.15	-1.19	-1.12	1	1	0	900	900	0
9/2/2023 11:41	11102 EGYP_T1	1	0	-1	0.4	0	-0.4	0	0	0	0	0	0	0	0
9/2/2023 11:42	56802 BENV_T2	1	1	0	0.9	0.7	-0.2	-2.26	-2.34	0	0	0	0	0	0
9/2/2023 11:42	56801 BENV_T1	11	9	-2	0.55	0.69	0.14	-1.27	-1.27	2	2	0	1200	1200	0
9/2/2023 11:42	41801 GOCI_T2	2	1	-1	0.35	0.2	-0.15	0	0	0	0	0	0	0	0
9/2/2023 11:42	20403 ASHF_T2	3	3	0	0.47	0.27	-0.2	0.3	0.31	0	0	0	0	0	0
9/2/2023 11:43	56803 BENV_T1	1	0	-1	0.2	0	-0.2	0	0	0	0	0	0	0	0
9/2/2023 11:43	46506 LOHA_T1	0	0	0	0	0	0	-2.92	-2.91	2	2	0	1800	1800	0
9/2/2023 11:46	43202 MVIL_T2	0	0	0	0	0	0	-0.65	-0.65	0	0	0	0	0	0
9/2/2023 11:46	60605 NCOL_T2	0	1	1	0	0.2	0.2	0	0	0	0	0	0	0	0
9/2/2023 11:46	52403 GRPA_T2	1	3	2	1.9	2.2	0.3	0	0	0	0	0	0	0	0
9/2/2023 11:48	66701 STRA_T1	1	1	0	0.4	0.4	0	0	0	0	0	0	0	0	0
9/2/2023 11:48	54701 NEBL_T1	0	0	0	0	0	0	0	0	1	1	0	600	600	0
9/2/2023 11:48	44904 SCOT_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9/2/2023 11:52	56501 ROCK_T2	1	2	1	0.2	0.25	0.05	-1.45	-1.43	0	0	0	0	0	0
9/2/2023 11:54	60801 BUCK_T1	1	1	0	0.2	0.3	0.1	0	0	0	0	0	0	0	0
9/2/2023 11:55	10805 CHHI_T2	1	1	0	8.3	8.6	0.3	-0.89	-0.98	1	1	0	600	600	0
9/2/2023 11:56	60801 BUCK_T1	1	1	0	0.2	0.3	0.1	0	0	0	0	0	0	0	0
9/2/2023 11:57	11102 EGYP_T1	0	1	1	0	0	0	0	0	0	0	0	0	0	0
9/2/2023 11:57	41801 GOCI_T2	0	1	1	0	0.2	0.2	0	0	0	0	0	0	0	0
9/2/2023 11:57	20403 ASHF_T2	3	1	-2	0.27	0.1	-0.17	0.31	0.35	0	0	0	0	0	0
9/2/2023 11:59	49803 UNIV_T1	1	0	0	0.2	1.3	1.1	-0.76	-0.81	0	0	0	0	0	0
9/2/2023 11:59	61301 EARL_T1	0	0	0	0	0	0	-1.36	-1.35	2	2	0	1800	1800	0
9/2/2023 12:01	43202 MVIL_T2	0	1	1	0	0	0	-0.65	-0.64	0	0	0	0	0	0
9/2/2023 12:02	52403 GRPA_T2	1	1	0	0.1	0.3	0.2	-0.43	-0.38	0	0	0	0	0	0
9/2/2023 12:03	54701 NEBL_T1	0	0	0	0	0	0	0	0	1	1	0	600	600	0
9/2/2023 12:04	66701 STRA_T1	1	1	0	0.4	0.1	-0.3	0	0	0	0	0	0	0	0
9/2/2023 12:04	44904 SCOT_T1	0	0	0	0	0	0	0	0.01	0	0	0	0	0	0
9/2/2023 12:07	67204 TEHI_T2	0	2	2	0	0.6	0.6	0.25	0.26	0	0	0	0	0	0
9/2/2023 12:08	45602 WOOL_T1	8	13	5	0.28	0.38	0.1	0	0	0	0	0	0	0	0
9/2/2023 12:08	67204 TEHI_T2	0	2	2	0	0.6	0.6	0.25	0.26	0	0	0	0	0	0
9/2/2023 12:09	43301 WATS_T2	0	0	0	0	0	0	-0.58	-0.5	1	1	0	900	900	0
9/2/2023 12:11	10805 CHHI_T2	1	1	0	8.6	8.7	0.1	-0.98	-0.91	1	1	0	600	600	0
9/2/2023 12:15	46506 LOHA_T1	0	1	1	0	0.2	0.2	-1.46	-1.42	1	1	0	900	900	0
9/2/2023 12:16	46506 LOHA_T1	0	1	1	0	0.2	0.2	-1.46	-1.42	1	1	0	900	900	0
9/2/2023 12:17	52403 GRPA_T2	1	1	0	0.3	0.2	-0.1	-0.38	-0.36	0	0	0	0	0	0
9/2/2023 12:24	15001 BLMO_T1	1	0	-1	0.1	0	-0.1	0	0	0	0	0	0	0	0
9/2/2023 12:25	15001 BLMO_T1	1	0	-1	0.1	0	-0.1	0	0	0	0	0	0	0	0
9/2/2023 12:26	15001 BLMO_T1	1	0	-1	0.1	0	-0.1	0	0	0	0	0	0	0	0
9/2/2023 12:27	43402 BENT_T1	3	9	6	1.13	0.69	-0.44	-0.87	-0.86	1	1	0	900	900	0
9/2/2023 12:27	15001 BLMO_T1	1	0	-1	0.1	0	-0.1	0	0	0	0	0	0	0	0
9/2/2023 12:28	40101 HUNT_T2	0	0	0	0	0	0	-0.59	-0.53	0	0	0	0	0	0
9/2/2023 12:29	11102 EGYP_T1	1	2	1	0.3	0.4	0.1	0	0	0	0	0	0	0	0
9/2/2023 12:30	40101 HUNT_T2	0	0	0	0	0	0	-0.59	-0.53	0	0	0	0	0	0
9/2/2023 12:38	60803 BUCK_T1	0	0	0	0	0	0	-2.38	-2.29	2	2	0	1200	1200	0
9/2/2023 12:53	15001 BLMO_T1	0	1	1	0	0.1	0.1	0	0	0	0	0	0	0	0
9/2/2023 12:54	62105 ELAN_T1	3	0	-3	0.13	0	-0.13	0.68	0.72	0	0	0	0	0	0
9/2/2023 12:56	15001 BLMO_T1	0	1	1	0	0.1	0.1	0	0	0	0	0	0	0	0
9/2/2023 12:57	15001 BLMO_T1	0	1	1	0	0.1	0.1	0	0	0	0	0	0	0	0
9/2/2023 13:04	15603 NSTR_T2	1	2	1	0.8	0.55	-0.25	-0.53	-0.48	0	0	0	0	0	0
9/2/2023 13:14	46506 LOHA_T1	0	0	0	0	0	0	-1.35	-1.32	1	1	0	900	900	0
9/2/2023 13:24	66703 STRA_T1	0	0	0	0	0	0	0.38	0.4	0	0	0	0	0	0
9/2/2023 13:26	16301 ALPA_T1	0	0	0	0	0	0	-1.01	-1.06	0	0	0	0	0	0
9/2/2023 13:29	62607 ENGL_T1	1	1	0	1.2	0	-1.2	0.01	0.01	1	1	0	300	300	0
9/2/2023 13:36	15601 NSTR_T2	2	3	1	0.1	0.13	0.03	0	0	0	0	0	0	0	0
9/2/2023 13:42	41801 GOCI_T2	1	3	2	0.1	0.1	0	0	0	0	0	0	0	0	0
9/2/2023 13:48	65902 SAKR_T2	0	0	0	0	0	0	-0.09	-0.07	1	1	0	300	300	0
9/2/2023 13:49	54701 NEBL_T1	0	0	0	0	0	0	0	0	1	1	0	600	600	0
9/2/2023 13:50	66703 STRA_T1	0	2	2	0	0	0	0.47	0.56	0	0	0	0	0	0
9/2/2023 13:52	67204 TEHI_T2	0	0	0	0	0	0	0	-0.01	0	0	0	0	0	0
9/2/2023 13:53	67204 TEHI_T2	0	0	0	0	0	0	0	-0.01	0	0	0	0	0	0
9/2/2023 13:58	52402 GRPA_T2	1	1	0	3.1	2.7	-0.4	0	0	0	0	0	0	0	0
9/2/2023 14:09	56802 BENV_T2	0	0	0	0	0	0	-2.08	-1.96	0	0	0	0	0	0
9/2/2023 14:10	56801 BENV_T1	1	1	0	0.8	0.8	0	0	0	0	0	0	0	0	0
9/2/2023 14:11	41602 CLEV_T1	0	0	0	0	0	0	0	0	2	2	0	1200	1200	0
9/2/2023 14:12	56802 BENV_T2	0	0	0	0	0	0	-3.12	-2.93	0	0	0	0	0	0
9/2/2023 14:13	11104 EGYP_T1	14	11	-3	1.06	1.17	0.11	1.04	1.06	0	0	0	0	0	0
9/2/2023 14:15	56802 BENV_T2	0	0	0	0	0	0	-1.04	-0.98	0	0	0	0	0	0
9/2/2023 14:15	45003 LIME_2	2	2	0	0.7	0.65	-0.05	0	0	1	1	0	1200	1200	0
9/2/2023 14:18	44201 POIN_T1	12	19	7	0.48	0.31	-0.17	-1.22	-1.11	1	1	0	900	900	0
9/2/2023 14:18	43202 MVIL_T2	0	0	0	0	0	0	-0.62	-0.6	0	0	0	0	0	0
9/2/2023 14:18	66505 SMAN_T2	0	0	0	0	0	0	0.13	0.08	3	3	0	2100	2100	0
9/2/2023 14:19	28604 BLYT_T2	0	0	0	0	0	0	-1.01	-1.09	0	0	0	0	0	0
9/2/2023 14:19	44201 POIN_T1	12	19	7	0.48	0.31	-0.17	-2.23	-2.16	2	2	0	1800	1800	0
9/2/2023 14:19	65902 SAKR_T2	0	0	0	0	0	0	-0.08	-0.09	1	1	0	300	300	0
9/2/2023 14:20	43301 WATS_T2	0	0	0	0	0	0	-0.41	-0.38	1	1	0	900	900	0
9/2/2023 14:20	44201 POIN_T1	12	19	7	0.48	0.31	-0.17	-1.11	-1.08	1	1	0	900	900	0
9/2/2023 14:21	66703 STRA_T1	2	0	-2	0.4	0	-0.4	0.48	0.45	0	0	0	0	0	0
9/2/2023 14:21	66504 SMAN_T2	0	3	3	0	0	0	0	0	0	0	0	0	0	0
9/2/2023 14:22	44203 POIN_T2	0	5	5	0	0.5	0.5	0.44	0.42	1	1	0	900	900	0
9/2/2023 14:22	43304 WATS_T2	4	3	-1	0.5	0.7	0.2	0.41	0.4	0	0	0	0	0	0
9/2/2023 14:23	16302 ALPA_T2	0	0	0	0	0	0	-0.22	-0.22	0	0	0	0	0	0
9/2/2023 14:23	60803 BUCK_T1	0	0	0	0	0	0	-0.95	-0.89	1	1	0	600	600	0
9/2/2023 14:24	16302 ALPA_T2	0	0	0	0	0	0	-0.22	-0.22	0	0	0	0	0	0
9/2/2023 14:25	45602 WOOL_T1	9	11	2	0.36	0.31	-0.05	0.14	0.12	0	0	0	0	0	0
9/2/2023 14:26	49803 UNIV_T1	3	2	-1	0.9	1.15	0.25	-0.55	-0.57	0	0	0	0	0	0
9/2/2023 14:26	26603 BROO_T1	0	0	0	0	0	0	0.22	0.25	0	0	0	0	0	0
9/2/2023 14:26	20403 ASHF_T2	0	1	1	0	0.1	0.1	0.59	0.53	0	0	0	0	0	0
9/2/2023 14:29	41801 GOCI_T2	2	1	-1	0.25	0	-0.25	0	0	0	0	0	0	0	0
9/2/2023 14:30	64305 LINC_T1	1	1	0	0.1	0	-0.1	0	0	0	0	0	0	0	0
9/2/2023 14:31	45802 HEGI_T2	0	0	0	0	0	0	0.38	0.33	0	0	0	0	0	0
9/2/2023 14:32	44203 POIN_T2	2	5	3	0.5	1.08	0.58	0.44	0.42	1	1	0	900	900	0
9/2/2023 14:33	66505 SMAN_T2	0	0	0	0	0	0	0.08	0.03	3	3	0	2100	2100	0
9/2/2023 14:34	43202 MVIL_T2	0	0	0	0	0	0	-0.6	-0.59	0	0	0	0	0	0
9/2/2023 14:35	65902 SAKR_T2	0	0	0	0	0	0	-0.09	-0.06	1	1	0	300	300	0
9/2/2023 14:35	44601 SALE_T2	0	0	0	0	0	0	0.16	0.14	0	0	0	0	0	0
9/2/2023 14:35	54001 SDLE_T1	0	0	0	0	0	0	0	0	1	1	0	600	600	0
9/2/2023 14:36	43301 WATS_T2	0	0	0	0	0	0	-0.38	-0.35	1	1	0	900	900	0
9/2/2023 14:36	54001 SDLE_T1	0	0	0	0	0	0	0	0	1	1	0	600	600	0
9/2/2023 14:37	66505 SMAN_T2	0	0	0	0	0	0	0.03	0.12	3	3	0	2100	2100	0
9/2/2023 14:37	54001 SDLE_T1	0	0	0	0	0	0	0	0	1	1	0	600	600	0
9/2/2023 14:37	29402 BELT_T1	1	123	122	0.4	1.23	0.83	0	0	0	0	0	0	0	0
9/2/2023 14:37	66701 STRA_T1	0	1	1	0	0.2	0.2	0	0	0	0	0	0	0	0
9/2/2023 14:37	49803 UNIV_T1	2	1	-1	1.15	2.1	0.95	-0.57	-0.56	0	0	0	0	0	0
9/2/2023 14:38	43304 WATS_T2	3	3	0	0.7	0.8	0.1	0.4	0.45	0	0	0	0	0	0
9/2/2023 14:38	54001 SDLE_T1	0	0	0	0	0	0	0	0	1	1	0	600	600	0
9/2/2023 14:39	67602 WARW_T2	1	0	-1	0.4	0	-0.4	0.48	0.49	1	1	0	300	300	0
9/2/2023 14:39	60803 BUCK_T1	0	0	0	0	0	0	-0.89	-0.83	1	1	0	600	600	0
9/2/2023 14:39	67502 WEWI_T2	0	0	0	0	0	0	-0.96	-0.94	1	1	0	900	900	0
9/2/2023 14:39	16302 ALPA_T2	0	0	0	0	0	0	-0.22	-0.23	0	0	0	0	0	0
9/2/2023 14:39	42701 AUGU_T1	0	0	0	0	0	0	0	0	2	2	0	1800	1800	0
9/2/2023 14:40	16302 ALPA_T2	0	0	0	0	0	0	-0.22	-0.23	0	0	0	0	0	0
9/2/2023 14:40	11104 EGYP_T1	10	7	-3	1.35	1.12	-0.23	2.2	1.46	0	0	0	0	0	0
9/2/2023 14:40	41602 CLEV_T1	0	0	0	0	0	0	0	0	1	1	0	600	600	0
9/2/2023 14:40	67502 WEWI_T2	0	0	0	0	0	0	-0.96	-0.94	1	1	0	900	900	0
9/2/2023 14:41	29401 BELT_T1	0	0	0	0	0	0	0	0	1	1	0	900	900	0
9/2/2023 14:41	45602 WOOL_T1	8	12	4	0.33	0.3	-0.03	0.12	0.15	0	0	0	0	0	0
9/2/2023 14:41	67502 WEWI_T2	0	0	0	0	0	0	-0.96	-0.94	1	1	0	900	900	0
9/2/2023 14:41	41602 CLEV_T1	0	0	0	0	0	0	0	0	1	1	0	600	600	0
9/2/2023 14:42	29401 BELT_T1	0	0	0	0	0	0	0	0	1	1	0	900	900	0
9/2/2023 14:42	20403 ASHF_T2	0	1	1	0	0.1	0.1	0.53	0.54	0	0	0	0	0	0
9/2/2023 14:43	10805 CHHI_T2	1	10	9	0	9.2	0.2	-0.72	-0.71	1	1	0	600	600	0
9/2/2023 14:45	41801 GOCI_T2	0	2	2	0	0.4	0.4	0	0	0	0	0	0	0	0
9/2/2023 14:45	64301 LINC_T1	0	0	0	0	0	0	-0.06	-0.04	1	1	0	600	600	0
9/2/2023 14:46	48302 ORWI_T2	1	2	1	0.3	0.25	-0.05	0.03	0.05	0	0	0	0	0	0
9/2/2023 14:47	57304 MOAL_T2	0	0	0	0	0	0	-0.05	-0.58	0	0	0	0	0	0
9/2/2023 14:47	54701 NEBL_T1	0	0	0	0	0	0	0	0	1	1	0	600	600	0
9/2/2023 14:48	44203 POIN_T2	5	5	0	1.6	1.08	-0.52	0.42	0.44	1	1	0	900	900	0
9/2/2023 14:49	28604 BLYT_T2	0	0	0	0	0	0	-1.06	-1.06	0	0	0	0	0	0
9/2/2023 14:49	44203 POIN_T2	5	5	0	1.6	1.08	-0.52	0.44	0.44	1	1	0	900	900	0
9/2/2023 14:49	43202 MVIL_T2	0	0	0	0	0	0	-0.59	-0.58	0	0	0	0	0	0
9/2/2023 14:51	44601 SALE_T2	0	0	0	0	0	0	0.14	0.15	0	0	0	0	0	0
9/2/2023 14:51	13105 NHAM_T2	85	37	-48	0.54	0.4	-0.14	0.23	-0.68	1	1	0	1200	1200	0
9/2/2023 14:52	29402 BELT_T1	1	271	270	0.4	1.1	0.7	0	0	0	0	0	0	0	0
9/2/2023 15:00	52004 LING_T2	1	1	0	0.9	0.9	0	0	0	0	0	0	0	0	0
9/2/2023 15:00	45003 LIME_2	2	2	0	0.6	0.65	0.05	0	0	2	2	0	2400	2400	0
9/2/2023 15:02	45003 LIME_2	2	2	0	0.6	0.65	0.05	0	0	2	2	0	2400	2400	0
9/2/2023 15:04	56504 ROCK_T2	0	0	0	0	0	0	0.23	0.25	0	0	0	0	0	0
9/2/2023 15:06	56501 ROCK_T2	1	3	2	0.3	0	-0.3	0	0	0	0	0	0	0	0
9/2/2023 15:07	44601 SALE_T2	0	0	0	0	0	0	0.15	0.15	0	0	0	0	0	0
9/2/2023 15:08	56504 ROCK_T2	0	0	0	0	0	0	0.47	0.51	0	0	0	0	0	0
9/2/2023 15:14	61301 EARL_T1	0	0	0	0	0	0	-1.29	-1.29	2	2	0	1800	1800	0
9/2/2023 15:15	46602 LACR_T1	0	0	0	0	0	0	0.39	0.43	0	0	0	0	0	0
9/2/2023 15:16	52401 GRPA_T2	1	4	3	0.2	0.5	0.3	0	0	0	0	0	0	0	0
9/2/2023 15:23	67503 WEWI_T2	0	0	0	0	0	0	-0.37	-0.38	0	0	0	0	0	0
9/2/2023 15:24	53601 DALM_T2	2	1	-1	2	0.1	-1.9	0.1	0.08	0	0	0	0	0	0
9/2/2023 15:28	45003 LIME_2	2	2	0	0.65	0.6	-0.05	0	0	1	1	0	1200	1200	0
9/2/2023 15:29	45003 LIME_2	2	2	0	0.65	0.6	-0.05	0	0	3	3	0	3600	3600	0
9/2/2023 15:32	45003 LIME_2	2	3	1	0.6	0.6	0	0	0	1	1	0	1200	1200	0
9/2/2023 15:34	54701 NEBL_T1	0	1	1	0	0	0	0	0	1	1	0	600	600	0
9/2/2023 15:35	52403 GRPA_T2	1	4	3	0.1	0.3	0.2	0	0	0	0	0	0	0	0
9/2/2023 15:35	65901 SAKR_T2	0	0	0	0	0	0	-0.12	-0.18	2	2	0	1500	1500	0
9/2/2023 15:35	13704 SCHN_T2	0	1	1	0	0	0	0.36	0.37	0	0	0	0	0	0
9/2/2023 15:37	43304 WATS_T2	0	0	0	0	0	0	-0.73	-0.68	0	0	0	0	0	0
9/2/2023 15:40	62607 ENGL_T1	1	1	0	4.5	5	0.5	0.01	0.01	1	1	0	300	300	0
9/2/2023 15:50	63403 HONY_T2	0	2	2	0	0.5	0.5	-0.8	-0.75	1	1	0	600	600	0
9/2/2023 15:56	53601 DALM_T2	1	0	-1	0.1	0	-0.1	0.12	0.16	0	0	0	0	0	0
9/2/2023 16:00	52402 GRPA_T2	1	1	0	1.4	1.6	0.2	0	0	0	0	0	0	0	0
9/2/2023 16:00	45802 HEGI_T2	0	0	0	0	0	0	0.38	0.35	0	0	0	0	0	0
9/2/2023 16:03	52401 GRPA_T2	2	5	3	0.45	0.6	0.15	0	0	0	0	0	0	0	0
9/2/2023 16:05	56504 ROCK_T2	0	1	1	0	0	0	0	0	0	0	0	0	0	0
9/2/2023 16:10	56801 BENV_T1	13	10	-3	0.81	0.7	-0.11	0	0	0	0	0	0	0	0
9/2/2023 16:13	60803 BUCK_T1	0	0	0	0	0	0	-0.71	-0.71	1	1	0	600	600	0
9/2/2023 16:16	52401 GRPA_T2	4	11	7	0.73	0.38	-0.35	0	0	0	0	0	0	0	0
9/2/2023 16:16	56801 BENV_T1	10	9	-1	0.7	0.36	-0.34	0	0	0	0	0	0	0	0
9/2/2023 16:16	45003 LIME_2	2	2	0	1	1.15	0.15	0	0	1	1	0	1200	1200	0
9/2/2023 16:20	54701 NEBL_T1	3	5	2	0.3	0.45	0.15	0	0	1	1	0	600	600	0
9/2/2023 16:27	49803 UNIV_T1	1	0	-1	1.1	0	-1.1	-0.51	-0.49	0	0	0	0	0	0
9/2/2023 16:31	65503 MOJO_T2	0	0	0	0	0	0	-0.42	-0.38	1	1	0	900	900	0
9/2/2023 16:36	54701 NEBL_T1	3	4	1	0.43	0.43	0	0	0	1	1	0	600	600	0
9/2/2023 16:36	65503 MOJO_T2	0	0	0	0	0	0	-0.38	-0.4	1	1	0	900	900	0
9/2/2023 16:43	44505 HAMI_T2	4	1	-3	0.25	0	-0.25	0	0	0	0	0	0	0	0
9/2/2023 16:58	26603 BROO_T1	2	0	-2	0.35	0	-0.35	0.33	0.33	0	0	0	0	0	0
9/2/2023 17:11	62607 ENGL_T1	1	1	0	7.6	8	0.4	0.01	0.01	1	1	0	300	300	0
9/2/2023 17:19	43402 BENT_T1	0	0	0	0	0	0	-0.82	-0.83	1	1	0	900	900	0
9/2/2023 17:25	62607 ENGL_T1	1	2	1	8	8.3	0.3	0.01	0.02	1	1	0	300	300	0
9/2/2023 17:33	54701 NEBL_T1	0	0	0	0	0	0	0	0	1	1	0	600	600	0
9/2/2023 17:43	52401 GRPA_T2	3	9	6	0.53	0.63	0.1	0	0	0	0	0	0	0	0
9/2/2023 20:31	14403 SSLA_T1	0

Appendix C - Grid Benefits Achieved in Each Instance of Active Management

9/2/2023 21:39	59101 WALK_T2	1	1	0	0	0	0	0.89	0.88	2	2	0	1050	1050	0
9/2/2023 21:40	65503 MOJO_T2	0	0	0	0	0	0	-0.99	-1.02	1	1	0	900	900	0
9/2/2023 21:40	64305 LINC_T1	1	1	0	0.6	0.1	-0.5	0	0	0	0	0	0	0	0
9/2/2023 21:40	52403 GRPA_T2	2	2	0	0.2	0.5	0.3	-0.66	-0.68	0	0	0	0	0	0
9/2/2023 21:40	42701 AUGU_T1	0	0	0	0	0	0	0	0	2	2	0	1800	1800	0
9/2/2023 21:40	56504 ROCK_T2	0	0	0	0	0	0	0.07	0	0	0	0	0	0	0
9/2/2023 21:40	45003 LIME_2	1	1	0	2.8	2.9	0.1	0	0	1	1	0	1200	1200	0
9/2/2023 21:40	56802 BENV_T2	1	1	0	0.3	0.5	0.2	-1.15	-1.13	0	0	0	0	0	0
9/2/2023 21:41	56801 BENV_T1	13	19	6	1.02	0.87	-0.15	0	0	0	0	0	0	0	0
9/2/2023 21:41	45001 LIME_2	0	1	1	0	0	0	0	0	0	0	0	0	0	0
9/2/2023 21:41	64101 REFR_T1	0	0	0	0	0	0	0.25	0.22	0	0	0	0	0	0
9/2/2023 21:41	54001 SDLE_T1	1	1	0	0.1	0.2	0.1	0	0	0	0	0	0	0	0
9/2/2023 21:41	44201 POIN_T1	0	0	0	0	0	0	-1.45	-1.55	1	1	0	900	900	0
9/2/2023 21:41	59101 WALK_T2	1	1	0	0	0	0	0.89	0.88	2	2	0	1050	1050	0
9/2/2023 21:42	66703 STRA_T1	6	6	0	0.47	0.65	0.18	0.11	0.06	0	0	0	0	0	0
9/2/2023 21:42	56504 ROCK_T2	0	0	0	0	0	0	0.07	0	0	0	0	0	0	0
9/2/2023 21:43	43301 WATS_T2	1	1	0	0.2	0.5	0.3	0	0	0	0	0	0	0	0
9/2/2023 21:44	45003 LIME_2	1	1	0	2.8	2.9	0.1	0	0	1	1	0	1200	1200	0
9/2/2023 21:44	56802 BENV_T2	1	1	0	0.3	0.5	0.2	-1.15	-1.13	0	0	0	0	0	0
9/2/2023 21:45	52404 GRPA_T2	1	1	0	0.3	0.5	0.2	0	0	0	0	0	0	0	0
9/2/2023 21:45	54701 NEBL_T1	0	0	0	0	0	0	0	0	1	1	0	600	600	0
9/2/2023 21:46	64101 REFR_T1	0	0	0	0	0	0	0.25	0.22	0	0	0	0	0	0
9/2/2023 21:46	56802 BENV_T2	1	1	0	0.5	0.4	-0.1	-1.15	-1.13	0	0	0	0	0	0
9/2/2023 21:47	57303 MOAL_T2	1	1	0	7.1	7.1	0	0	0	0	0	0	0	0	0
9/2/2023 21:47	58402 MORO_T1	0	0	0	0	0	0	-1.96	-0.99	3	2	-1	2400	1500	-900
9/2/2023 21:48	54001 SDLE_T1	0	1	1	0	0.4	0.4	0	0	0	0	0	0	0	0
9/2/2023 21:49	52401 GRPA_T2	1	1	0	0.3	0.8	0.5	0	0	0	0	0	0	0	0
9/2/2023 21:50	56802 BENV_T2	1	1	0	0.5	0.4	-0.1	-1.13	-1.19	0	0	0	0	0	0
9/2/2023 22:09	43402 BENT_T1	0	0	0	0	0	0	-0.88	-0.88	1	1	0	900	900	0
9/2/2023 22:29	43402 BENT_T1	0	0	0	0	0	0	-0.88	-0.88	1	1	0	900	900	0
9/2/2023 23:09	43402 BENT_T1	0	0	0	0	0	0	-0.89	-0.9	1	1	0	900	900	0
9/2/2023 23:29	43401 BENT_T1	0	1	1	0	0	0	0	0	0	0	0	0	0	0
9/3/2023 0:09	43401 BENT_T1	1	0	-1	0.1	0	-0.1	0	0	0	0	0	0	0	0
9/3/2023 0:28	67502 WEWI_T2	0	0	0	0	0	0	-2.7	-2.66	2	2	0	1800	1800	0
9/3/2023 0:28	13105 NHAM_T2	1	1	0	0.4	0.7	0.3	-0.07	-0.09	1	1	0	1200	1200	0
9/3/2023 0:28	65902 SAKR_T2	0	0	0	0	0	0	0.02	0.04	0	0	0	0	0	0
9/3/2023 0:28	29401 BELT_T1	0	0	0	0	0	0	0	0	2	2	0	1800	1800	0
9/3/2023 0:28	67503 WEWI_T2	1	1	0	2.1	1.9	-0.2	-0.37	-0.52	0	0	0	0	0	0
9/3/2023 0:28	26603 BROO_T1	0	0	0	0	0	0	0.07	0.04	0	0	0	0	0	0
9/3/2023 0:28	44601 SALE_T2	0	0	0	0	0	0	-0.03	-0.09	0	0	0	0	0	0
9/3/2023 0:28	42902 MIDD_T2	0	1	1	0	0.1	0.1	-0.67	-0.66	0	0	0	0	0	0
9/3/2023 0:28	65901 SAKR_T2	0	0	0	0	0	0	-0.29	-0.29	1	1	0	900	900	0
9/3/2023 0:28	67204 TEHI_T2	4	0	-4	0.1	0	-0.1	0.07	0.08	0	0	0	0	0	0
9/3/2023 0:28	53601 DALM_T2	1	1	0	1.1	1.5	0.4	-0.01	0.02	0	0	0	0	0	0
9/3/2023 0:28	10805 CHHI_T2	1	1	0	7.8	7.7	-0.1	-1.11	-1.13	1	1	0	600	600	0
9/3/2023 0:28	17804 GILB_T2	0	0	0	0	0	0	-0.51	-0.52	0	0	0	0	0	0
9/3/2023 0:28	23401 HONE_T2	1	1	0	0.8	0.8	0	0.04	0.03	0	0	0	0	0	0
9/3/2023 0:28	14403 SSLA_T1	0	0	0	0	0	0	0.78	0.79	0	0	0	0	0	0
9/3/2023 0:28	48302 ORWI_T2	2	2	0	1.15	0.9	-0.25	-0.25	-0.23	0	0	0	0	0	0
9/3/2023 0:28	40101 HUNT_T2	0	0	0	0	0	0	-0.65	-0.69	0	0	0	0	0	0
9/3/2023 0:28	41801 GOCI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9/3/2023 0:28	42701 AUGU_T1	1	1	0	0.5	1.1	0.6	0	0	8	8	0	7200	7200	0
9/3/2023 0:28	45003 LIME_2	1	1	0	3.8	4	0.2	0	0	1	1	0	1200	1200	0
9/3/2023 0:28	44502 HAMI_T2	1	1	0	3	3.4	0.4	-0.39	-0.37	0	0	0	0	0	0
9/3/2023 0:28	43301 WATS_T2	1	1	0	0.3	0.9	0.6	-1.27	-1.33	2	2	0	1800	1800	0
9/3/2023 0:28	44201 POIN_T1	40	15	-25	0.33	0.2	-0.13	-1.91	-2.05	0	0	0	0	0	0
9/3/2023 0:28	28604 BLYT_T2	0	0	0	0	0	0	-1.37	-1.38	0	0	0	0	0	0
9/3/2023 0:28	56503 ROCK_T2	0	1	1	0	0.1	0.1	0	0	0	0	0	0	0	0
9/3/2023 0:28	65001 NEFF_T2	0	0	0	0	0	0	-1.11	-1.15	1	1	0	1200	1200	0
9/3/2023 0:28	45901 AUBU_T1	75	20	-55	0.31	0.19	-0.12	0	0	0	0	0	0	0	0
9/3/2023 0:28	16402 MOPO_T1	1	0	-1	0.1	0	-0.1	0.56	0.56	0	0	0	0	0	0
9/3/2023 0:28	29402 BELT_T1	31	73	42	0.31	0.51	0.2	0	0	0	0	0	0	0	0
9/3/2023 0:28	44203 POIN_T2	0	0	0	0	0	0	-0.48	-0.56	2	2	0	1800	1800	0
9/3/2023 0:28	20403 ASHF_T2	0	0	0	0	0	0	0.11	0.09	0	0	0	0	0	0
9/3/2023 0:28	11104 EGYP_T1	0	0	0	0	0	0	1.1	1.03	0	0	0	0	0	0
9/3/2023 0:28	41901 REED_T1	0	0	0	0	0	0	-2.03	-2.02	1	1	0	900	900	0
9/3/2023 0:28	54001 SDLE_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9/3/2023 0:28	28403 HART_T2	0	0	0	0	0	0	-0.88	-0.87	1	1	0	900	900	0
9/3/2023 0:28	43301 WATS_T2	1	1	0	0.3	0.9	0.6	-1.27	-1.33	2	2	0	1800	1800	0
9/3/2023 0:28	41602 CLEV_T1	0	0	0	0	0	0	0	0	2	2	0	1200	1200	0
9/3/2023 0:28	56802 BENV_T2	1	1	0	0.2	0.5	0.3	-1.19	-1.27	0	0	0	0	0	0
9/3/2023 0:28	67602 WARW_T2	0	0	0	0	0	0	0.9	0.87	0	0	0	0	0	0
9/3/2023 0:28	45802 HEGI_T2	0	0	0	0	0	0	0.46	0.46	0	0	0	0	0	0
9/3/2023 0:28	16302 ALPA_T2	0	0	0	0	0	0	1.34	1.26	0	0	0	0	0	0
9/3/2023 0:28	66505 SMAN_T2	0	0	0	0	0	0	0.34	0.36	1	1	0	900	900	0
9/3/2023 0:29	43402 BENT_T1	0	0	0	0	0	0	-0.92	-0.92	1	1	0	900	900	0
9/3/2023 0:49	43402 BENT_T1	0	0	0	0	0	0	-0.93	-0.92	1	1	0	900	900	0
9/3/2023 8:20	59101 WALK_T2	1	1	0	0	0	0	1.34	1.41	0	0	0	0	0	0
9/3/2023 8:36	58003 WCAR_T1	2	2	0	0.9	0.95	0.05	0.68	0.67	0	0	0	0	0	0
9/3/2023 8:46	58401 MORO_T1	0	1	1	0	0	0	0	0	0	0	0	0	0	0
9/3/2023 8:58	40101 HUNT_T2	0	0	0	0	0	0	-0.65	-0.63	0	0	0	0	0	0
9/3/2023 9:07	45902 AUBU_T1	11	12	1	0.2	0.23	0.03	0	0	0	0	0	0	0	0
9/3/2023 9:08	45901 AUBU_T1	9	4	-5	0.14	0.13	-0.01	0.16	0.15	0	0	0	0	0	0
9/3/2023 9:09	26603 BROO_T1	0	0	0	0	0	0	0.17	0.17	0	0	0	0	0	0
9/3/2023 9:10	45902 AUBU_T1	11	12	1	0.2	0.23	0.03	0	0	0	0	0	0	0	0
9/3/2023 9:16	48302 ORWI_T2	2	2	0	0.6	0.85	0.25	-0.18	-0.15	0	0	0	0	0	0
9/3/2023 9:18	54701 NEBL_T1	0	0	0	0	0	0	0	0	1	1	0	600	600	0
9/3/2023 9:29	23401 HONE_T2	0	0	0	0	0	0	0.18	0.17	0	0	0	0	0	0
9/3/2023 9:30	29402 BELT_T1	36	51	15	0.29	0.37	0.08	0	0	0	0	0	0	0	0
9/3/2023 9:30	45802 HEGI_T2	1	2	1	1	1.2	0.2	0.61	0.51	0	0	0	0	0	0
9/3/2023 9:33	43202 MVIL_T2	0	0	0	0	0	0	-0.65	-0.65	0	0	0	0	0	0
9/3/2023 9:36	66703 STRA_T1	0	0	0	0	0	0	0	0.06	0	0	0	0	0	0
9/3/2023 9:38	45901 AUBU_T1	1	0	-1	0.1	0	-0.1	0	0	0	0	0	0	0	0
9/3/2023 9:39	45902 AUBU_T1	7	0	-7	0.11	0	-0.11	-0.4	-0.36	0	0	0	0	0	0
9/3/2023 9:42	49803 UNIV_T1	0	0	0	0	0	0	-0.85	-0.77	0	0	0	0	0	0
9/3/2023 9:48	13503 MCMI_T2	0	0	0	0	0	0	-0.01	-0.01	0	0	0	0	0	0
9/3/2023 9:51	41902 REED_T1	1	6	5	0.7	0.2	-0.5	0	0	0	0	0	0	0	0
9/3/2023 9:52	20403 ASHF_T2	0	0	0	0	0	0	0.41	0.43	0	0	0	0	0	0
9/3/2023 9:54	29402 BELT_T1	27	51	24	0.22	0.37	0.15	0	0	0	0	0	0	0	0
9/3/2023 9:55	56802 BENV_T2	1	1	0	0.6	0.3	-0.3	-1.14	-1.12	0	0	0	0	0	0
9/3/2023 9:56	56802 BENV_T2	1	1	0	0.6	0.3	-0.3	-2.28	-2.25	0	0	0	0	0	0
9/3/2023 10:00	43402 BENT_T1	0	1	1	0	0.4	0.4	-0.88	-0.83	1	1	0	900	900	0
9/3/2023 10:00	12604 MACA_T1	0	0	0	0	0	0	0.58	0.64	0	0	0	0	0	0
9/3/2023 10:00	64801 MONE_T2	0	1	1	0	0.2	0.2	0.56	-0.28	0	0	0	0	0	0
9/3/2023 10:00	56601 HAMP_T1	0	0	0	0	0	0	0	-0.01	0	0	0	0	0	0
9/3/2023 10:00	66505 SMAN_T2	0	0	0	0	0	0	-0.16	-0.01	4	4	0	2300	2300	0
9/3/2023 10:00	20403 ASHF_T2	0	1	1	0	0.2	0.2	0	0	0	0	0	0	0	0
9/3/2023 10:00	15604 NSTR_T1	0	0	0	0	0	0	0.28	0.3	0	0	0	0	0	0
9/3/2023 10:00	43304 WATS_T2	0	0	0	0	0	0	0.35	0.33	0	0	0	0	0	0
9/3/2023 10:00	44901 SCOT_T2	0	0	0	0	0	0	0	0.06	0	0	0	0	0	0
9/3/2023 10:00	10602 BLGI_T2	0	0	0	0	0	0	0.34	0.44	0	0	0	0	0	0
9/3/2023 10:00	67604 WARW_T1	0	0	0	0	0	0	0.1	0.19	0	0	0	0	0	0
9/3/2023 10:00	52503 PROG_T2	0	0	0	0	0	0	-0.41	-0.4	1	1	0	900	900	0
9/3/2023 10:06	45602 WOOL_T1	34	33	-1	0.39	0.42	0.03	0.18	0.17	0	0	0	0	0	0
9/3/2023 10:06	56801 BENV_T1	8	1	-7	0.38	0.5	0.12	0	0	0	0	0	0	0	0
9/3/2023 10:06	41902 REED_T1	6	1	-5	0.48	0.2	-0.28	0	0	0	0	0	0	0	0
9/3/2023 10:06	23401 HONE_T2	0	0	0	0	0	0	0.24	0.26	0	0	0	0	0	0
9/3/2023 10:07	29402 BELT_T1	51	4	-47	0.37	0.33	-0.04	0	0	0	0	0	0	0	0
9/3/2023 10:07	66505 SMAN_T2	0	0	0	0	0	0	-0.01	-0.03	4	4	0	2300	2300	0
9/3/2023 10:07	56803 BENV_T1	0	2	2	0	0.8	0.8	0.56	0.57	0	0	0	0	0	0
9/3/2023 10:08	45901 AUBU_T1	0	0	0	0	0	0	0.18	0.2	0	0	0	0	0	0
9/3/2023 10:08	20403 ASHF_T2	0	1	1	0	0.2	0.2	0.43	0.51	0	0	0	0	0	0
9/3/2023 10:08	26603 BROO_T1	0	0	0	0	0	0	0.25	0.26	0	0	0	0	0	0
9/3/2023 10:08	15001 BLMO_T1	0	2	2	0	0.1	0.1	0	0	0	0	0	0	0	0
9/3/2023 10:09	29402 BELT_T1	51	4	-47	0.37	0.33	-0.04	0	0	0	0	0	0	0	0
9/3/2023 10:10	45902 AUBU_T1	0	3	3	0	0.13	0.13	-0.36	-0.34	0	0	0	0	0	0
9/3/2023 10:11	45901 AUBU_T1	0	0	0	0	0	0	0.18	0.2	0	0	0	0	0	0
9/3/2023 10:12	41602 CLEV_T1	0	0	0	0	0	0	0	0	1	1	0	600	600	0
9/3/2023 10:12	17804 GILB_T2	1	1	0	0.7	1	0.3	-0.43	-0.4	0	0	0	0	0	0
9/3/2023 10:12	45802 HEGI_T2	2	2	0	1	0	-1	0.65	0.7	0	0	0	0	0	0
9/3/2023 10:13	63403 HONY_T2	0	0	0	0	0	0	-0.44	-0.29	1	1	0	600	600	0
9/3/2023 10:15	16402 MOPO_T1	0	0	0	0	0	0	-0.76	-0.66	0	0	0	0	0	0
9/3/2023 10:15	28403 HART_T2	0	0	0	0	0	0	-0.42	-0.46	1	1	0	900	900	0
9/3/2023 10:16	48302 ORWI_T2	2	2	0	0.35	0.3	-0.05	-0.05	-0.04	0	0	0	0	0	0
9/3/2023 10:16	52401 GRPA_T2	0	1	1	0	0	0	0	0	0	0	0	0	0	0
9/3/2023 10:18	12701 MACU_T1	0	0	0	0	0	0	0.26	0.26	0	0	0	0	0	0
9/3/2023 10:19	12701 MACU_T1	0	0	0	0	0	0	0.26	0.35	0	0	0	0	0	0
9/3/2023 10:20	43202 MVIL_T2	0	0	0	0	0	0	-0.61	-0.61	0	0	0	0	0	0
9/3/2023 10:21	59101 WALK_T2	1	7	6	0	0.2	0.2	1.66	2.26	4	4	0	2100	2100	0
9/3/2023 10:22	59101 WALK_T2	1	7	6	0	0.2	0.2	0.83	1.13	2	2	0	1050	1050	0
9/3/2023 10:24	59101 WALK_T2	1	7	6	0	0.2	0.2	0.83	1.13	2	2	0	1050	1050	0
9/3/2023 10:25	60101 COCA_T1	0	0	0	0	0	0	0.58	0.7	0	0	0	0	0	0
9/3/2023 10:25	28604 BLYT_T2	0	0	0	0	0	0	-1.09	-1.05	0	0	0	0	0	0
9/3/2023 10:27	62607 ENGI_T1	1	0	-1	9.9	0	-9.9	0.01	0.01	1	1	0	300	300	0
9/3/2023 10:28	17804 GILB_T2	1	1	0	0.5	1	0.5	0	0	0	0	0	0	0	0
9/3/2023 10:30	12701 MACU_T1	0	1	1	0	0	0	0.26	0.35	0	0	0	0	0	0
9/3/2023 10:32	54701 NEBL_T1	1	0	-1	0.1	0	-0.1	0	0	1	1	0	600	600	0
9/3/2023 10:35	49803 UNIV_T1	0	1	1	0	0.4	0.4	-0.61	-0.59	0	0	0	0	0	0
9/3/2023 10:36	67204 TEHI_T2	0	0	0	0	0	0	-0.06	-0.03	0	0	0	0	0	0
9/3/2023 10:36	16302 ALPA_T2	0	0	0	0	0	0	-0.42	-0.42	0	0	0	0	0	0
9/3/2023 10:37	16302 ALPA_T2	0	0	0	0	0	0	-0.42	-0.42	0	0	0	0	0	0
9/3/2023 10:37	67204 TEHI_T2	0	0	0	0	0	0	-0.06	-0.03	0	0	0	0	0	0
9/3/2023 10:37	45902 AUBU_T1	1	1	0	0.1	0.1	0	-0.34	-0.32	0	0	0	0	0	0
9/3/2023 10:41	11102 EGYP_T1	3	4	1	1.13	1.3	0.17	0	0	0	0	0	0	0	0
9/3/2023 10:42	11102 EGYP_T1	3	4	1	1.13	1.3	0.17	0	0	0	0	0	0	0	0
9/3/2023 10:47	44201 POIN_T1	10	15	5	0.24	0.2	-0.04	-1.63	-1.64	1	1	0	900	900	0
9/3/2023 10:47	41602 CLEV_T1	1	10	9	0.5	0.55	0.05	0	0	1	1	0	600	600	0
9/3/2023 10:48	44201 POIN_T1	10	15	5	0.24	0.2	-0.04	-1.63	-1.64	1	1	0	900	900	0
9/3/2023 10:51	44201 POIN_T1	10	15	5	0.24	0.2	-0.04	-3.28	-3.19	2	2	0	1800	1800	0
9/3/2023 10:52	60803 BUCK_T1	0	0	0	0	0	0	-0.99	-1.02	1	1	0	600	600	0
9/3/2023 10:53	29402 BELT_T1	1	0	-1	0.3	0	-0.3	0	0	0	0	0	0	0	0
9/3/2023 10:53	67503 WEWI_T2	0	0	0	0	0	0	0.18	0.22	0	0	0	0	0	0
9/3/2023 10:54	60803 BUCK_T1	0	0	0	0	0	0	-0.99	-1.02	1	1	0	600	600	0
9/3/2023 10:55	29402 BELT_T1	1	0	-1	0.3	0	-0.3	0	0	0	0	0	0	0	0
9/3/2023 10:58	28403 HART_T2	0	0	0	0	0	0	-0.38	-0.37	1	1	0	900	900	0
9/3/2023 11:00	58402 MORO_T1	0	1	1	0	0	0	-0.95	-0.94	2	2	0	1500	1500	0
9/3/2023 11:04	48302 ORWI_T2	2	8	6	0.25	0.3	0.05	0.05	0.07	0	0	0	0	0	0
9/3/2023 11:04	44601 SALE_T2	0	0	0	0	0	0	0.12	0.12	0	0	0	0	0	0
9/3/2023 11:05	66703 STRA_T1	0	0	0	0	0	0	0.32	0.34	0	0	0	0	0	0
9/3/2023 11:06	49803 UNIV_T1	1	1	0	0.2	1.8	1.6	-0.56	-0.51	0	0	0	0	0	0
9/3/2023 11:07	43304 WATS_T2	0	1	1	0	0	0	-2.22	-2.08	0	0	0	0	0	0
9/3/2023 11:08	59101 WALK_T2	14	10	-4	0.55	0.38	-0.17	0.78	0.69	3	3	0	1650	1650	0
9/3/2023 11:13	11102 EGYP_T1	3	4	1	1.33	1.43	0.1	0	0	0	0	0	0	0	0
9/3/2023 11:16	44203 POIN_T2	5	5	0	1.5	0.8	-0.7	0.17	0.35	1	1	0	900	900	0
9/3/2023 11:17	65005 NEFF_T2	1	1	0	0.7	0.5	-0.2	0	0	0	0	0	0	0	0
9/3/2023 11:19	64101 REFR_T1	10	10	0	2.66	2.23	-0.43	0.48	0.5	0	0	0	0	0	0
9/3/2023 11:20	64101 REFR_T1	10	10	0	2.66	2.23	-0.43	0.48	0.5	0	0	0	0	0	0
9/3/2023 11:21	64101 REFR_T1	10	10	0	2.66	2.23	-0.43	0.48	0.5	0	0	0	0	0	0
9/3/2023 11:22	29401 BELT_T1	0	1	1

9/3/2023 11:53	23401 HONE_T2	3	1	-2	0.27	0.1	-0.17	0.34	0.36	0	0	0	0	0	0
9/3/2023 11:54	10805 CHHI_T2	3	14	11	3.47	2.4	-1.07	-0.55	-0.59	1	1	0	600	600	0
9/3/2023 11:54	60803 BUCK_T1	0	0	0	0	0	0	-0.84	-0.79	1	1	0	600	600	0
9/3/2023 11:55	11103 EGYP_T1	1	1	0	0.5	0	-0.5	0	0	0	0	0	0	0	0
9/3/2023 11:55	44301 BEAV_T2	0	0	0	0	0	0	-0.57	-0.56	1	1	0	600	600	0
9/3/2023 11:55	60803 BUCK_T1	0	0	0	0	0	0	-0.84	-0.79	1	1	0	600	600	0
9/3/2023 12:00	52401 GRPA_T2	1	8	7	0.1	0.3	0.2	0	0	0	0	0	0	0	0
9/3/2023 12:01	54701 NEBL_T1	0	1	1	0	0	0	0	0	1	1	0	600	600	0
9/3/2023 12:01	52401 GRPA_T2	1	8	7	0.1	0.3	0.2	-0.34	-0.3	0	0	0	0	0	0
9/3/2023 12:07	45602 WOOL_T1	11	37	26	0.44	0.51	0.07	-0.49	-0.51	1	1	0	900	900	0
9/3/2023 12:09	53601 DALM_T2	0	0	0	0	0	0	0.16	0.24	0	0	0	0	0	0
9/3/2023 12:09	56504 ROCK_T2	0	0	0	0	0	0	0.33	0.32	0	0	0	0	0	0
9/3/2023 12:09	49803 UNIV_T1	1	1	0	1	1.4	0.4	-0.38	-0.41	0	0	0	0	0	0
9/3/2023 12:10	10805 CHHI_T2	10	28	18	1.76	1.63	-0.13	-0.59	-0.49	1	1	0	600	600	0
9/3/2023 12:11	44301 BEAV_T2	0	0	0	0	0	0	-0.56	-0.54	1	1	0	600	600	0
9/3/2023 12:11	41602 CLEV_T1	11	24	13	0.45	0.4	-0.05	0	0	1	1	0	600	600	0
9/3/2023 12:12	41602 CLEV_T1	11	24	13	0.45	0.4	-0.05	0	0	1	1	0	600	600	0
9/3/2023 12:13	17804 GILB_T2	0	1	1	0	0.5	0.5	-0.32	-0.3	0	0	0	0	0	0
9/3/2023 12:13	17804 GILB_T2	0	1	1	0	0.5	0.5	-0.32	-0.3	0	0	0	0	0	0
9/3/2023 12:16	52401 GRPA_T2	1	9	8	0.3	0.54	0.24	0	0	0	0	0	0	0	0
9/3/2023 12:18	52401 GRPA_T2	1	9	8	0.3	0.54	0.24	0	0	0	0	0	0	0	0
9/3/2023 12:20	52402 GRPA_T2	7	9	2	0.83	0.8	-0.03	0	0	0	0	0	0	0	0
9/3/2023 12:24	43402 BENT_T1	3	3	0	0.67	0.6	-0.07	-0.78	-0.79	1	1	0	900	900	0
9/3/2023 12:27	53903 HALI_T2	0	0	0	0	0	0	-0.06	-0.08	0	0	0	0	0	0
9/3/2023 12:29	43402 BENT_T1	3	3	0	0.67	0.6	-0.07	-0.78	-0.79	1	1	0	900	900	0
9/3/2023 12:40	20403 ASHF_T2	5	5	0	0.3	0.5	0.2	0.88	0.91	0	0	0	0	0	0
9/3/2023 12:43	11103 EGYP_T1	0	1	1	0	0	0	0	0	0	0	0	0	0	0
9/3/2023 12:48	65902 SAKR_T2	0	0	0	0	0	0	-0.05	-0.02	1	1	0	300	300	0
9/3/2023 12:53	41602 CLEV_T1	49	44	-5	0.55	0.53	-0.02	0	0	1	1	0	600	600	0
9/3/2023 12:54	41602 CLEV_T1	49	44	-5	0.55	0.53	-0.02	0	0	1	1	0	600	600	0
9/3/2023 12:58	11102 EGYP_T1	9	15	6	0.98	0.69	-0.29	0	0	0	0	0	0	0	0
9/3/2023 12:58	47901 HRDG_T1	0	0	0	0	0	0	0.56	0.25	1	1	0	1200	1200	0
9/3/2023 12:59	11104 EGYP_T1	5	6	1	0.6	1.52	0.92	0.07	0.14	1	1	0	900	900	0
9/3/2023 13:00	60604 NCOL_T2	0	0	0	0	0	0	0.52	0.54	0	0	0	0	0	0
9/3/2023 13:01	47901 HRDG_T1	0	0	0	0	0	0	0.56	0.25	1	1	0	1200	1200	0
9/3/2023 13:02	57303 MOAL_T2	1	1	0	9.2	9.2	0	0	0	0	0	0	0	0	0
9/3/2023 13:02	65604 QVIL_T2	5	14	9	0.2	0.2	0	0.82	0.86	0	0	0	0	0	0
9/3/2023 13:03	57303 MOAL_T2	1	1	0	9.2	9.2	0	0	0	0	0	0	0	0	0
9/3/2023 13:04	54701 NEBL_T1	1	5	4	0.4	0.3	-0.1	0	0	1	1	0	600	600	0
9/3/2023 13:04	41901 REED_T1	0	3	3	0	0.23	0.23	0	0	0	0	0	0	0	0
9/3/2023 13:05	60501 NMAN_T2	4	3	-1	4.43	3.63	-0.8	0	0	0	0	0	0	0	0
9/3/2023 13:05	65602 QVIL_T2	4	6	2	0.68	0.8	0.12	0	0	0	0	0	0	0	0
9/3/2023 13:10	45602 WOOL_T1	12	13	1	0.48	0.38	-0.1	-0.37	-0.42	1	1	0	900	900	0
9/3/2023 13:14	47901 HRDG_T1	0	0	0	0	0	0	0.25	1.33	1	1	0	1200	1200	0
9/3/2023 13:16	47901 HRDG_T1	0	1	1	0	0	0	0.25	1.33	1	1	0	1200	1200	0
9/3/2023 13:27	43402 BENT_T1	3	3	0	0.47	0.47	0	-0.77	-0.76	1	1	0	900	900	0
9/3/2023 13:29	43401 BENT_T1	0	1	1	0	0	0	0	0	0	0	0	0	0	0
9/3/2023 13:31	60604 NCOL_T2	0	0	0	0	0	0	0.55	0.49	0	0	0	0	0	0
9/3/2023 13:33	65901 SAKR_T2	0	0	0	0	0	0	-0.08	-0.1	2	2	0	1500	1500	0
9/3/2023 13:38	49803 UNIV_T1	1	1	0	2.3	1.8	-0.5	-1.57	-1.5	0	0	0	0	0	0
9/3/2023 13:41	41602 CLEV_T1	73	75	2	0.56	0.56	0	0	0	1	1	0	600	600	0
9/3/2023 13:43	10801 CHHI_T1	130	192	62	0.61	0.73	0.12	-1.03	-1.02	3	3	0	2100	2100	0
9/3/2023 13:45	45001 LIME_2	7	9	2	0.23	0.38	0.15	0	0	0	0	0	0	0	0
9/3/2023 13:46	54701 NEBL_T1	11	23	12	0.46	0.2	-0.26	0	0	1	1	0	600	600	0
9/3/2023 13:47	52404 GRPA_T2	0	0	0	0	0	0	0.05	-0.5	0	0	0	0	0	0
9/3/2023 13:47	60502 NMAN_T2	0	0	0	0	0	0	-0.7	-0.74	0	0	0	0	0	0
9/3/2023 13:47	45002 LIME_2	1	1	0	0.7	0.8	0.1	0	0	0	0	0	0	0	0
9/3/2023 13:47	60604 NCOL_T2	0	0	0	0	0	0	0.49	0.51	0	0	0	0	0	0
9/3/2023 13:48	45003 LIME_2	1	4	3	1.1	1.1	0	0	0	4	4	0	3600	3600	0
9/3/2023 13:49	13503 MCMI_T2	0	0	0	0	0	0	0.08	0.09	0	0	0	0	0	0
9/3/2023 13:49	52401 GRPA_T2	25	29	4	0.56	0.51	-0.05	0	0	0	0	0	0	0	0
9/3/2023 13:50	52401 GRPA_T2	25	29	4	0.56	0.51	-0.05	0	0	0	0	0	0	0	0
9/3/2023 13:51	52401 GRPA_T2	25	29	4	0.56	0.51	-0.05	0	0	0	0	0	0	0	0
9/3/2023 13:52	56801 BENV_T1	2	6	4	0.1	0.26	0.16	0	0	0	0	0	0	0	0
9/3/2023 13:54	44801 EDAN_T2	3	1	-2	0.9	1.8	0.9	0	0	0	0	0	0	0	0
9/3/2023 13:55	44801 EDAN_T2	3	1	-2	0.9	1.8	0.9	0	0	0	0	0	0	0	0
9/3/2023 13:56	11102 EGYP_T1	12	10	-2	0.7	0.67	-0.03	0	0	0	0	0	0	0	0
9/3/2023 14:03	46302 ROHR_T1	8	10	2	0.94	0.96	0.02	0.39	0.4	0	0	0	0	0	0
9/3/2023 14:06	42201 SHEN_T2	0	2	2	0	0.35	0.35	0.2	0.19	0	1	1	0	600	600
9/3/2023 14:08	41602 CLEV_T1	72	66	-6	0.67	0.52	-0.15	0	0	1	1	0	600	600	0
9/3/2023 14:08	56803 BENV_T1	10	13	3	1.47	1.43	-0.04	0.22	0.21	1	1	0	600	600	0
9/3/2023 14:10	44802 EDAN_T2	0	0	0	0	0	0	-5.78	-5.87	2	2	0	2400	2400	0
9/3/2023 14:10	49804 UNIV_T1	1	0	-1	0.2	0	-0.2	0	0	0	0	0	0	0	0
9/3/2023 14:10	20403 ASHF_T2	0	5	5	0	0.2	0.2	-0.2	-0.17	0	0	0	0	0	0
9/3/2023 14:11	53501 EVIL_T2	3	4	1	0.57	0.38	-0.19	-0.08	-0.04	0	0	0	0	0	0
9/3/2023 14:12	41602 CLEV_T1	72	66	-6	0.67	0.52	-0.15	0	0	1	1	0	600	600	0
9/3/2023 14:12	53502 EVIL_T2	1	1	0	0.1	0	-0.1	0	0	0	0	0	0	0	0
9/3/2023 14:13	45003 LIME_2	1	4	3	0.9	1.7	0.8	0	0	6	6	0	5400	5400	0
9/3/2023 14:13	45802 HEGI_T2	0	0	0	0	0	0	0.37	0.49	0	0	0	0	0	0
9/3/2023 14:14	53502 EVIL_T2	1	1	0	0.1	0	-0.1	0	0	0	0	0	0	0	0
9/3/2023 14:14	44505 HAMI_T2	5	5	0	0.64	0.2	-0.44	0	0	0	0	0	0	0	0
9/3/2023 14:14	17804 GILB_T2	2	2	0	0.15	0.75	0.6	-0.24	-0.25	0	0	0	0	0	0
9/3/2023 14:14	63403 HONY_T2	0	0	0	0	0	0	-1.65	-1.61	1	1	0	600	600	0
9/3/2023 14:15	45001 LIME_2	8	12	4	0.43	0.2	-0.23	0	0	0	0	0	0	0	0
9/3/2023 14:15	13503 MCMI_T2	0	0	0	0	0	0	0.09	0.1	0	0	0	0	0	0
9/3/2023 14:16	45001 LIME_2	8	12	4	0.43	0.2	-0.23	0	0	0	0	0	0	0	0
9/3/2023 14:18	52403 GRPA_T2	6	8	2	0.32	0.56	0.24	-0.41	-0.43	0	0	0	0	0	0
9/3/2023 14:18	52403 GRPA_T2	6	8	2	0.32	0.56	0.24	-0.41	-0.43	0	0	0	0	0	0
9/3/2023 14:19	45001 LIME_2	8	12	4	0.43	0.2	-0.23	0	0	0	0	0	0	0	0
9/3/2023 14:19	46301 ROHR_T1	0	2	2	0	0.6	0.6	0	0	0	0	0	0	0	0
9/3/2023 14:19	52404 GRPA_T2	0	0	0	0	0	0	-0.54	-0.54	0	0	0	0	0	0
9/3/2023 14:20	16402 MOPO_T1	0	1	1	0	0	0	-0.17	-0.14	0	0	0	0	0	0
9/3/2023 14:20	65901 SAKR_T2	0	0	0	0	0	0	-0.07	-0.06	2	2	0	1500	1500	0
9/3/2023 14:21	52403 GRPA_T2	6	8	2	0.32	0.56	0.24	-0.43	-0.42	0	0	0	0	0	0
9/3/2023 14:21	52402 GRPA_T2	14	57	43	0.47	1.15	0.68	0	0	0	0	0	0	0	0
9/3/2023 14:22	45902 AUBU_T1	1	1	0	0.1	0.1	0	-1.6	-1.56	2	2	0	1200	1200	0
9/3/2023 14:22	52403 GRPA_T2	6	8	2	0.32	0.56	0.24	-0.43	-0.42	0	0	0	0	0	0
9/3/2023 14:22	42201 SHEN_T2	1	2	1	0.1	0.35	0.25	0.19	0.2	1	1	0	600	600	0
9/3/2023 14:23	45601 WOOL_T1	0	2	2	0	0	0	0	0	0	0	0	0	0	0
9/3/2023 14:23	56803 BENV_T1	13	16	3	1.49	1.63	0.14	0.21	0.22	1	1	0	600	600	0
9/3/2023 14:23	45902 AUBU_T1	1	1	0	0.1	0.1	0	0	0	0	0	0	0	0	0
9/3/2023 14:23	52401 GRPA_T2	29	62	33	0.55	0.67	0.12	0	0	0	0	0	0	0	0
9/3/2023 14:23	41602 CLEV_T1	64	79	15	0.56	0.55	-0.01	0	0	1	1	0	600	600	0
9/3/2023 14:24	53502 EVIL_T2	1	1	0	0.2	0	-0.2	0	0	0	0	0	0	0	0
9/3/2023 14:24	60101 COCA_T1	1	1	0	0.3	0.2	-0.1	-0.28	-0.28	1	1	0	1200	1200	0
9/3/2023 14:24	41602 CLEV_T1	64	79	15	0.56	0.55	-0.01	0	0	1	1	0	600	600	0
9/3/2023 14:24	60803 BUCK_T1	2	1	-1	0.5	0.3	-0.2	-0.48	-0.43	1	1	0	600	600	0
9/3/2023 14:25	44801 EDAN_T2	1	3	2	1.8	0.85	-0.95	0	0	0	0	0	0	0	0
9/3/2023 14:25	45902 AUBU_T1	1	1	0	0.1	0.1	0	0	0	0	0	0	0	0	0
9/3/2023 14:25	43402 BENT_T1	1	0	-1	0.3	0	-0.3	-0.76	-0.76	1	1	0	900	900	0
9/3/2023 14:25	10801 CHHI_T1	205	205	0	1.02	0.83	-0.19	-1	-1	3	3	0	2100	2100	0
9/3/2023 14:25	53601 DALM_T2	2	2	0	0.4	0.1	-0.3	-0.34	-0.36	0	0	0	0	0	0
9/3/2023 14:26	53501 EVIL_T2	4	4	0	0.63	0.33	-0.3	-0.04	-0.04	0	0	0	0	0	0
9/3/2023 14:26	20401 ASHF_T2	15	3	-12	0.53	0.6	0.07	0	0	0	0	0	0	0	0
9/3/2023 14:26	44802 EDAN_T2	0	0	0	0	0	0	-2.94	-2.94	1	1	0	1200	1200	0
9/3/2023 14:26	23401 HONE_T2	0	0	0	0	0	0	0.41	0.42	0	0	0	0	0	0
9/3/2023 14:26	49803 UNIV_T1	2	2	0	1.1	0.9	-0.2	-1.58	-1.56	0	0	0	0	0	0
9/3/2023 14:27	11104 EGYP_T1	5	6	1	1.6	0.8	-0.8	0.21	0.2	1	1	0	900	900	0
9/3/2023 14:27	28403 HART_T2	0	0	0	0	0	0	-0.27	-0.26	1	1	0	900	900	0
9/3/2023 14:28	53501 EVIL_T2	4	4	0	0.63	0.33	-0.3	-0.04	-0.04	0	0	0	0	0	0
9/3/2023 14:28	28403 HART_T2	0	0	0	0	0	0	-0.27	-0.26	1	1	0	900	900	0
9/3/2023 14:28	60803 BUCK_T1	2	1	-1	0.5	0.3	-0.2	-0.48	-0.43	1	1	0	600	600	0
9/3/2023 14:29	45003 LIME_2	3	2	-1	0.73	0.65	-0.08	0	0	2	2	0	1800	1800	0
9/3/2023 14:29	43402 BENT_T1	1	0	-1	0.3	0	-0.3	-0.76	-0.76	1	1	0	900	900	0
9/3/2023 14:30	45802 HEGI_T2	0	0	0	0	0	0	0.49	0.44	0	0	0	0	0	0
9/3/2023 14:30	64305 LINC_T1	1	1	0	0.1	0.2	0.1	0	0	0	0	0	0	0	0
9/3/2023 14:30	45002 LIME_2	1	1	0	0.6	0.8	0.2	0	0	0	0	0	0	0	0
9/3/2023 14:31	63404 HONY_T1	29	31	2	0.94	1.01	0.07	0	0	0	0	0	0	0	0
9/3/2023 14:31	13503 MCMI_T2	0	0	0	0	0	0	0.1	0.09	0	0	0	0	0	0
9/3/2023 14:32	43201 MVIL_T2	18	20	2	1.74	1.76	0.02	0	0	0	0	0	0	0	0
9/3/2023 14:33	52403 GRPA_T2	5	19	14	0.56	0.59	0.03	-0.43	-0.42	0	0	0	0	0	0
9/3/2023 14:33	42201 SHEN_T2	2	1	-1	0.35	0.1	-0.25	0.19	0.2	1	1	0	600	600	0
9/3/2023 14:34	43304 WATS_T2	2	14	12	1	0.43	-0.57	-0.48	-0.44	0	0	0	0	0	0
9/3/2023 14:34	52401 GRPA_T2	61	80	19	0.8	0.69	-0.11	-0.15	-0.14	0	0	0	0	0	0
9/3/2023 14:34	43301 WATS_T2	1	2	1	0.3	0.2	-0.1	-0.03	-0.01	1	1	0	900	900	0
9/3/2023 14:34	42901 MIDD_T2	6	4	-2	0.75	0.83	0.08	0	0	0	0	0	0	0	0
9/3/2023 14:34	64101 REFR_T1	13	18	5	3.63	4.35	0.72	0.23	0.42	0	0	0	0	0	0
9/3/2023 14:34	52403 GRPA_T2	5	19	14	0.56	0.59	0.03	-0.42	-0.42	0	0	0	0	0	0
9/3/2023 14:35	52402 GRPA_T2	5	83	78	0.7	0.66	-0.04	0	0	0	0	0	0	0	0
9/3/2023 14:35	46301 ROHR_T1	1	2	1	0.6	0.7	0.1	0	0	0	0	0	0	0	0
9/3/2023 14:35	52402 GRPA_T2	5	83	78	0.7	0.66	-0.04	0	0	0	0	0	0	0	0
9/3/2023 14:35	64101 REFR_T1	13	18	5	3.63	4.35	0.72	0.12	0.21	0	0	0	0	0	0
9/3/2023 14:36	65901 SAKR_T2	0	0	0	0	0	0	-0.06	-0.06	2	2	0	1500	1500	0
9/3/2023 14:36	49803 UNIV_T1	2	1	-1	0.9	1.4	0.5	-1.56	-1.55	0	0	0	0	0	0
9/3/2023 14:36	23401 HONE_T2	0	0	0	0	0	0	0.42	0.39	0	0	0	0	0	0
9/3/2023 14:37	23402 HONE_T2	0	0	0	0	0	0	0.78	0.54	0	0	0	0	0	0
9/3/2023 14:37	52404 GRPA_T2	0	0	0	0	0	0	-0.54	-0.5	0	0	0	0	0	0
9/3/2023 14:37	45902 AUBU_T1	0	1	1	0	0.1	0.1	-0.78	-0.78	1	1	0	600	600	0
9/3/2023 14:38	29402 BELT_T1	43	70	27	0.62	0.47	-0.15	0	0	0	0	0	0	0	0
9/3/2023 14:38	45902 AUBU_T1	0	1	1	0	0.1	0.1	-1.56	-1.56	2	2	0	1200	1200	0
9/3/2023 14:38	52402 GRPA_T2	5	83	78	0.7	0.66	-0.04	0	0	0	0	0	0	0	0
9/3/2023 14:38	60803 BUCK_T1	1	1	0	1.2	0	-1.2	-0.43	-0.41	1	1	0	600	600	0
9/3/2023 14:39	56801 BENV_T1	2	10	8	0.7	0.2	-0.5	0	0	0	0	0	0	0	0
9/3/2023 14:39	41602 CLEV_T1	60	86	26	0.56	1.23	0.67	0	0	1	1	0	600	600	0
9/3/2023 14:39	45601 WOOL_T1	1	1	0	1.1	0.3	-0.8	0	0	0	0	0	0	0	0
9/3/2023 14:40	10801 CHHI_T1	194	206	12	0.86	0.83	-0.03	-1	-0.97	3	3	0	2100	2100	0
9/3/2023 14:40	53502 EVIL_T2	0	2	2	0	0.5	0.5	0	0	0	0	0	0	0	0
9/3/2023 14:40	41602 CLEV_T1	60	86	26	0.56	1.23	0.67	0	0	1	1	0	600	600	0
9/3/2023 14:40	15001 BLMO_T1	2	3	1	0.1	0.3	0.2	0	0	0	0	0	0	0	0
9/3/2023 14:40	29402 BELT_T1	43	70	27	0.62	0.47	-0.15	0	0	0	0	0	0	0	0
9/3/2023 14:40	60101 COCA_T1	1	1	0	0.2	0.2	0	-0.28	-0.24	1	1	0	1200	1200	0
9/3/2023 14:41	44801 EDAN_T2	2	3	1	0.85	1.6	0.75	0	0	0	0	0	0	0	0
9/3/2023 14:41	20402 ASHF_T2	2	1	-1	0.4	0.2	-0.2	0	0	0	0	0	0	0	0
9/3/2023 14:41	44502 HAMI_T2	1	1	0	0.9	0.7	-0.2	0.31	0.32	0	0	0	0	0	0
9/3/2023 14:41	15001 BLMO_T1	2	3	1	0.1	0.3	0.2	0	0	0	0	0	0	0	0
9/3/2023 14:42	10805 CHHI_T2	27	41	14	0.87	0.85	-0.02	-1.37	-1.27	2	2	0	1800	1800	0
9/3/2023 14:43	28403 HART_T2	0	0	0	0	0	0	-0.26	-0.25	1	1	0	900	900	0
9/3/2023 14:43	60803 BUCK_T1	1	1	0	1.2	0	-1.2	-0.43	-0.41	1	1	0	600	600	0
9/3/2023 14:44	53501 EVIL_T2	4	3	-1	0.5	0.8	0.3	-0.04	-0.04	0	0	0	0	0	0
9/3/2023 14:45	17803 GILB_T2	0	1	1	0	0	0	0	0	0	0	0	0	0	0
9/3/2023 14:45	45802 HEGI_T2	0	1	1	0	0	0	0.44	0.4	0	0	0	0	0	0
9/3/2023 14:46	17803 GILB_T2	0	1	1	0	0	0	0	0	0	0	0	0	0	0
9/3/2023 14:47	57306 MOAL_T2	2	3	1	6.25	1.9	-4.35	0	0	0	0	0	0	0	0
9/3/2023 14:47	44801 EDAN_T2	3	5	2	0.67	1.7	1.03	0	0	0	0	0	0	0	0
9/3/2023 14:47	13503 MCMI_T2	0	0	0	0	0	0	0.09	0.1	0	0	0	0	0	0
9/3/2023 14:47	63404 HONY_T1	31	27	-4	0.95	1.23	0.28	0	0	0	0	0	0	0	0
9/3/2023 14:

Appendix C - Grid Benefits Achieved in Each Instance of Active Management

9/3/2023 15:53	61101 BERK_T5	2	0	-2	0.1	0	-0.1	0	0	0	0	0	0	0
9/3/2023 15:54	61103 BERK_T5	0	1	1	0	0	0	0	0	0	0	0	0	0
9/3/2023 15:55	61102 BERK_T5	0	0	0	0	0	0	0.46	0.29	2	2	0	1200	1200	0
9/3/2023 15:56	61102 BERK_T5	0	0	0	0	0	0	0.46	0.29	2	2	0	1200	1200	0
9/3/2023 16:07	66703 STRA_T1	1	1	0	0.4	0.3	-0.1	-0.36	-0.34	0	0	0	0	0	0
9/3/2023 16:13	45002 LIME_2	1	5	4	1.1	0.63	-0.47	0.01	0.01	0	0	0	0	0	0
9/3/2023 16:14	40101 HUNT_T2	14	23	9	0.3	0.35	0.05	-0.2	-0.2	0	0	0	0	0	0
9/3/2023 16:14	45002 LIME_2	1	5	4	1.1	0.63	-0.47	0.01	0.01	0	0	0	0	0	0
9/3/2023 16:15	45001 LIME_2	23	29	6	0.54	0.42	-0.12	0	0	0	0	0	0	0	0
9/3/2023 16:21	13704 SCHN_T2	1	1	0	1.7	1.4	-0.3	0.05	0.05	0	0	0	0	0	0
9/3/2023 16:25	58803 COCO_T1	1	1	0	1.2	0.6	0	-0.63	-0.56	1	1	0	600	600	0
9/3/2023 16:35	55102 WERT_T2	53	20	-33	0.46	0.35	-0.11	-1.41	-1.42	1	1	0	600	600	0
9/3/2023 16:42	53601 DALM_T2	1	1	0	0.3	0.2	-0.1	-0.31	-0.33	0	0	0	0	0	0
9/3/2023 16:48	47401 PENS_T1	0	2	2	0	0.1	0.1	0.67	0.65	0	0	0	0	0	0
9/3/2023 16:50	66902 SHIL_T2	0	1	1	0	0	0	0	0	0	0	0	0	0	0
9/3/2023 16:51	47401 PENS_T1	0	2	2	0	0.1	0.1	0.65	0.74	0	0	0	0	0	0
9/3/2023 16:51	55102 WERT_T2	11	30	19	0.36	0.45	0.09	-1.42	-1.4	1	1	0	600	600	0
9/3/2023 16:52	47401 PENS_T1	0	2	2	0	0.1	0.1	0.65	0.74	0	0	0	0	0	0
9/3/2023 17:04	47401 PENS_T1	2	6	4	0.1	0.1	0	0.74	0.66	0	0	0	0	0	0
9/3/2023 17:07	47402 PENS_T1	0	1	1	0	0	0	0	0	0	0	0	0	0	0
9/3/2023 17:07	55102 WERT_T2	20	34	14	0.43	0.48	0.05	-1.4	-1.42	1	1	0	600	600	0
9/3/2023 17:13	62604 ENGL_T1	8	13	5	0.38	0.35	-0.03	0	0	0	0	0	0	0	0
9/3/2023 17:23	55102 WERT_T2	29	46	17	0.49	0.57	0.08	-1.42	-1.41	1	1	0	600	600	0
9/3/2023 17:23	42701 AUGU_T1	48	53	5	0.61	0.52	-0.09	0	0	2	2	0	1800	1800	0
9/3/2023 17:32	54701 NEBL_T1	143	100	-43	1.12	0.36	-0.76	0	0	1	1	0	600	600	0
9/3/2023 17:39	46002 BERW_T2	0	1	1	0	0	0	0	0	0	0	0	0	0	0
9/3/2023 17:39	42701 AUGU_T1	53	50	-3	0.59	0.31	-0.28	0	0	2	2	0	1800	1800	0
9/3/2023 17:42	52403 GRPA_T2	29	27	-2	0.86	0.61	-0.25	-0.26	-0.26	0	0	0	0	0	0
9/3/2023 17:48	54701 NEBL_T1	98	127	29	0.52	0.39	-0.13	0	0	1	1	0	600	600	0
9/3/2023 17:53	66901 SHIL_T2	4	60	56	0.15	0.16	0.01	-2.89	-2.93	1	1	0	1200	1200	0
9/3/2023 18:03	54701 NEBL_T1	55	127	72	0.4	0.57	0.17	0	0	1	1	0	600	600	0
9/3/2023 18:35	54701 NEBL_T1	34	41	7	0.59	0.31	-0.28	0	0	1	1	0	600	600	0
9/3/2023 18:47	61202 REIN_T1	0	1	1	0	0	0	0	0	0	0	0	0	0	0
9/3/2023 20:52	44901 SCOT_T2	0	0	0	0	0	0	-0.27	-0.3	0	0	0	0	0	0
9/3/2023 21:20	44301 BEAV_T2	0	1	1	0	0	0	-0.64	-0.68	1	1	0	600	600	0
9/3/2023 21:25	28604 BLYT_T2	0	0	0	0	0	0	-1.05	-1.06	0	0	0	0	0	0
9/3/2023 21:30	29401 BELT_T1	0	0	0	0	0	0	0	0	1	1	0	900	900	0
9/3/2023 21:32	17805 GILB_T2	0	0	0	0	0	0	0.36	0.29	0	0	0	0	0	0
9/3/2023 21:32	27502 WEIS_T2	0	0	0	0	0	0	-0.3	-0.3	0	0	0	0	0	0
9/3/2023 21:32	29402 BELT_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9/3/2023 21:33	60803 BUCK_T1	0	0	0	0	0	0	-0.25	-0.28	0	0	0	0	0	0
9/3/2023 21:34	66505 SMAN_T2	0	0	0	0	0	0	0.01	0.02	3	3	0	2100	2100	0
9/3/2023 21:34	44502 HAMI_T2	1	1	0	2.7	3.1	0.4	0.1	0	0	0	0	0	0	0
9/3/2023 21:35	47401 PENS_T1	0	0	0	0	0	0	0.35	0.35	0	0	0	0	0	0
9/3/2023 21:35	45004 LIME_2	1	0	-1	0.1	0	-0.1	0	0	0	0	0	0	0	0
9/3/2023 21:36	15001 BLMO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9/3/2023 21:36	16402 MOPO_T1	0	1	1	0	0	0	0.71	0.68	0	0	0	0	0	0
9/3/2023 21:36	47101 MARL_T1	18	0	-18	0.86	0	-0.86	-0.41	-0.48	0	0	0	0	0	0
9/3/2023 21:37	47101 MARL_T1	18	0	-18	0.86	0	-0.86	-0.41	-0.48	0	0	0	0	0	0
9/3/2023 21:38	52403 GRPA_T2	0	0	0	0	0	0	0	-0.62	0	0	0	0	0	0
9/3/2023 21:38	45901 AUBU_T1	33	80	47	0.27	0.3	0.03	0	0	0	0	0	0	0	0
9/3/2023 21:38	29401 BELT_T1	0	0	0	0	0	0	0	0	1	1	0	900	900	0
9/3/2023 21:38	56501 ROCK_T2	94	105	11	0.18	0.17	-0.01	-1.91	-1.97	0	0	0	0	0	0
9/3/2023 21:39	20402 ASHF_T2	6	0	-6	0.85	0	-0.85	0	0	0	0	0	0	0	0
9/3/2023 21:39	16302 ALPA_T2	0	0	0	0	0	0	-0.37	-0.36	0	0	0	0	0	0
9/3/2023 21:40	64805 UNIC_T1	1	1	0	0.6	0.5	-0.1	0	0	0	0	0	0	0	0
9/3/2023 21:40	41901 REED_T1	11	11	0	0.87	0.77	-0.1	-1.87	-1.86	1	1	0	900	900	0
9/3/2023 21:40	60501 NMAN_T2	3	3	0	3.63	4.27	0.64	0	0	0	0	0	0	0	0
9/3/2023 21:40	42903 MIDD_T2	2	2	0	1	0.1	-0.9	0	0	0	0	0	0	0	0
9/3/2023 21:40	17804 GILB_T2	0	0	0	0	0	0	-0.35	-0.37	0	0	0	0	0	0
9/3/2023 21:40	43304 WATS_T2	2	1	-1	1.3	0.9	-0.4	-1.46	-1.54	0	0	0	0	0	0
9/3/2023 21:40	15001 BLMO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9/3/2023 21:40	62607 ENGL_T1	2	0	-2	0.7	0	-0.7	0.02	0.01	1	1	0	300	300	0
9/3/2023 21:40	61102 BERK_T5	0	0	0	0	0	0	0.38	0.37	1	1	0	300	300	0
9/3/2023 21:40	29401 BELT_T1	0	0	0	0	0	0	0	0	1	1	0	900	900	0
9/3/2023 21:41	45901 AUBU_T1	33	80	47	0.27	0.3	0.03	0.45	0.46	0	0	0	0	0	0
9/3/2023 21:41	13704 SCHN_T2	0	0	0	0	0	0	-0.44	-0.44	0	0	0	0	0	0
9/3/2023 21:41	45002 LIME_2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9/3/2023 21:41	52403 GRPA_T2	0	0	0	0	0	0	0	-0.62	0	0	0	0	0	0
9/3/2023 21:41	52403 GRPA_T2	0	0	0	0	0	0	0	-0.62	0	0	0	0	0	0
9/3/2023 21:41	43001 ALWD_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9/3/2023 21:41	64101 REFR_T1	0	0	0	0	0	0	0.46	0.43	0	0	0	0	0	0
9/3/2023 21:42	43304 WATS_T2	2	1	-1	1.3	0.9	-0.4	-0.73	-0.77	0	0	0	0	0	0
9/3/2023 21:43	61102 BERK_T5	0	0	0	0	0	0	0.38	0.37	1	1	0	300	300	0
9/3/2023 21:43	42201 SHEN_T2	0	0	0	0	0	0	0.02	0.62	1	0	-1	600	0	-600
9/3/2023 21:43	47101 MARL_T1	18	0	-18	0.86	0	-0.86	-0.41	-0.48	0	0	0	0	0	0
9/3/2023 21:44	41602 CLEV_T1	2	1	-1	0.7	0	-0.7	0	0	1	1	0	600	600	0
9/3/2023 21:44	61102 BERK_T5	0	0	0	0	0	0	0.38	0.37	1	1	0	300	300	0
9/3/2023 21:44	66901 SHIL_T2	0	0	0	0	0	0	-2.02	-2.01	1	1	0	1200	1200	0
9/3/2023 21:45	40101 HUNT_T2	14	0	-14	0.24	0	-0.24	-1.09	-0.51	0	0	0	0	0	0
9/3/2023 21:45	47901 HRDG_T1	0	0	0	0	0	0	0.42	0.37	1	1	0	1200	1200	0
9/3/2023 21:45	47403 PENS_T1	0	1	1	0	2.7	2.7	0	0	0	0	0	0	0	0
9/3/2023 21:46	44201 POIN_T1	15	10	-5	0.33	0.28	-0.05	-1.44	-1.57	1	1	0	900	900	0
9/3/2023 21:46	12701 MACU_T1	0	0	0	0	0	0	-0.84	-0.91	1	1	0	1200	1200	0
9/3/2023 21:46	56801 BENV_T1	11	20	9	0.57	0.95	0.38	-0.64	-0.66	2	2	0	1200	1200	0
9/3/2023 21:46	47901 HRDG_T1	0	0	0	0	0	0	0.42	0.37	1	1	0	1200	1200	0
9/3/2023 21:47	42903 MIDD_T2	2	2	0	0.1	0.1	0	-0.11	-0.05	0	0	0	0	0	0
9/3/2023 22:15	43401 BENT_T1	1	0	-1	0.5	0	-0.5	0	0	0	0	0	0	0	0
9/3/2023 22:29	43402 BENT_T1	0	0	0	0	0	0	-0.86	-0.85	1	1	0	900	900	0
9/3/2023 23:15	43402 BENT_T1	0	0	0	0	0	0	-0.85	-0.88	1	1	0	900	900	0
9/3/2023 23:29	43402 BENT_T1	0	0	0	0	0	0	-0.88	-0.88	1	1	0	900	900	0
9/4/2023 0:15	43402 BENT_T1	0	0	0	0	0	0	-0.89	-0.88	1	1	0	900	900	0
9/4/2023 0:28	56803 BENV_T1	0	0	0	0	0	0	0.82	0.84	0	0	0	0	0	0
9/4/2023 0:28	10801 CHHI_T1	0	0	0	0	0	0	-1.77	-1.8	3	3	0	2100	2100	0
9/4/2023 0:28	54701 NEBL_T1	0	0	0	0	0	0	0	0	1	1	0	600	600	0
9/4/2023 0:28	11104 EGYP_T1	0	0	0	0	0	0	1.33	1.31	0	0	0	0	0	0
9/4/2023 0:28	12701 MACU_T1	0	0	0	0	0	0	-2.13	-2.09	2	2	0	2400	2400	0
9/4/2023 0:28	42701 AUGU_T1	1	0	0	0.4	0.6	0.2	0	0	6	6	0	5400	5400	0
9/4/2023 0:28	67503 WEWI_T2	0	0	0	0	0	0	0.04	-0.69	0	0	0	0	0	0
9/4/2023 0:28	56803 BENV_T1	0	0	0	0	0	0	0.82	0.84	0	0	0	0	0	0
9/4/2023 0:28	45902 AUBU_T1	48	15	-33	0.27	0.21	-0.06	-1.18	-1.17	0	0	0	0	0	0
9/4/2023 0:28	65902 SAKR_T2	0	0	0	0	0	0	0	-0.01	1	1	0	300	300	0
9/4/2023 0:28	48302 ORWI_T2	2	2	0	0.55	0.35	-0.2	-0.21	-0.3	0	0	0	0	0	0
9/4/2023 0:28	16402 MOPO_T1	0	0	0	0	0	0	0.62	0.62	0	0	0	0	0	0
9/4/2023 0:28	60801 BUCK_T1	2	17	15	0.1	0.19	0.09	0	0	0	0	0	0	0	0
9/4/2023 0:28	45802 HEGI_T2	0	0	0	0	0	0	0.49	0.45	0	0	0	0	0	0
9/4/2023 0:28	61202 REIN_T1	56	61	5	0.41	0.76	0.35	0	0	0	0	0	0	0	0
9/4/2023 0:28	63404 HONY_T1	2	2	0	7.25	7.2	-0.05	0	0	0	0	0	0	0	0
9/4/2023 0:28	10805 CHNI_T2	1	1	0	8.2	8.4	0.2	-0.89	-0.92	1	1	0	600	600	0
9/4/2023 0:28	44201 POIN_T1	42	29	-13	0.46	0.3	-0.16	-4.19	-4.19	3	3	0	2700	2700	0
9/4/2023 0:28	53601 DALM_T2	1	1	0	0.9	1.2	0.3	0.02	0.09	0	0	0	0	0	0
9/4/2023 0:28	41902 REED_T1	0	0	0	0	0	0	1.91	1.95	0	0	0	0	0	0
9/4/2023 0:28	41602 CLEV_T1	0	0	0	0	0	0	0	0	1	1	0	600	600	0
9/4/2023 0:28	13503 MCMI_T2	0	0	0	0	0	0	-0.01	-0.01	0	0	0	0	0	0
9/4/2023 0:28	65001 NEFF_T2	0	0	0	0	0	0	-1.12	-1.1	1	1	0	1200	1200	0
9/4/2023 0:28	23401 HONE_T2	1	1	0	0.7	0.6	-0.1	0	0	0	0	0	0	0	0
9/4/2023 0:28	52403 GRPA_T2	4	2	-2	0.53	0.6	0.07	-0.62	-0.62	0	0	0	0	0	0
9/4/2023 0:28	29402 BELT_T1	29	34	5	0.31	0.31	0	0	0	0	0	0	0	0	0
9/4/2023 0:28	42902 MIDD_T2	0	0	0	0	0	0	-0.59	-0.61	0	0	0	0	0	0
9/4/2023 0:28	49804 UNIV_T1	0	1	1	0	0.3	0.3	0	0	0	0	0	0	0	0
9/4/2023 0:28	56504 ROCK_T2	0	0	0	0	0	0	-0.51	-0.71	0	0	0	0	0	0
9/4/2023 0:28	44203 POIN_T2	0	0	0	0	0	0	-0.11	-0.27	2	2	0	1800	1800	0
9/4/2023 0:28	43301 WATS_T2	1	1	0	0.5	0.8	0.3	0	0	0	0	0	0	0	0
9/4/2023 0:28	61102 BERK_T5	0	0	0	0	0	0	1.05	1.05	1	1	0	300	300	0
9/4/2023 0:28	24105 EHAZ_T1	4	4	0	6.2	5.63	-0.57	0	0	0	0	0	0	0	0
9/4/2023 0:28	45902 AUBU_T1	48	15	-33	0.27	0.21	-0.06	-1.18	-1.17	0	0	0	0	0	0
9/4/2023 0:28	64101 REFR_T1	0	0	0	0	0	0	0.81	0.73	0	0	0	0	0	0
9/4/2023 0:28	57304 MOAL_T2	0	0	0	0	0	0	-0.13	-0.62	0	0	0	0	0	0
9/4/2023 0:28	46302 ROHR_T1	3	3	0	1.1	0.83	-0.27	0.23	0.21	0	0	0	0	0	0
9/4/2023 0:28	46004 BERW_T2	0	0	0	0	0	0	-0.26	-0.3	0	0	0	0	0	0
9/4/2023 0:28	52404 GRPA_T2	0	0	0	0	0	0	-0.48	-0.53	0	0	0	0	0	0
9/4/2023 0:28	44802 EDAN_T2	0	0	0	0	0	0	-4.7	-4.72	2	2	0	2400	2400	0
9/4/2023 0:28	25402 LAHA_T2	0	0	0	0	0	0	-0.79	-0.8	0	0	0	0	0	0
9/4/2023 0:28	55102 WERT_T2	0	0	0	0	0	0	-0.46	-0.51	0	0	0	0	0	0
9/4/2023 0:28	45002 LIME_2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9/4/2023 0:28	26603 BROO_T1	0	0	0	0	0	0	0.17	0.16	0	0	0	0	0	0
9/4/2023 0:28	45602 WOOL_T1	1	8	7	0.1	0.21	0.11	0	0	0	0	0	0	0	0
9/4/2023 0:28	58803 COCO_T1	2	2	0	1.75	2.15	0.4	-0.83	-0.93	0	0	0	0	0	0
9/4/2023 0:28	65604 QVIL_T2	0	0	0	0	0	0	0.5	0.46	0	0	0	0	0	0
9/4/2023 0:28	43202 MVIL_T2	0	0	0	0	0	0	-0.66	-0.67	0	0	0	0	0	0
9/4/2023 0:28	66505 SMAN_T2	0	0	0	0	0	0	0.24	0.16	2	2	0	1500	1500	0
9/4/2023 0:28	47101 MARL_T1	0	0	0	0	0	0	-0.12	-1.39	0	2	2	0	1200	1200
9/4/2023 0:28	44502 HAMI_T2	1	1	0	2.6	3.2	0.6	-0.4	-0.43	0	0	0	0	0	0
9/4/2023 0:28	45001 LIME_2	1	28	27	0.1	0.27	0.17	0	0	0	0	0	0	0	0
9/4/2023 0:28	60101 COCA_T1	0	0	0	0	0	0	0.48	0.47	0	0	0	0	0	0
9/4/2023 0:28	65902 SAKR_T2	0	0	0	0	0	0	0	-0.01	1	1	0	300	300	0
9/4/2023 0:28	16302 ALPA_T2	0	0	0	0	0	0	0.77	0.83	0	0	0	0	0	0
9/4/2023 0:28	62607 ENGL_T1	0	0	0	0	0	0	0.01	0.01	1	1	0	300	300	0
9/4/2023 0:28	59101 WALK_T2	1	1	0	0	0	0	5.37	5.13	5	5	0	3000	3000	0
9/4/2023 0:28	66703 STRA_T1	3	5	2	0.17	0.4	0.23	-0.21	-0.28	0	0	0	0	0	0
9/4/2023 0:28	63403 HONY_T2	0	0	0	0	0	0	-0.4	-0.41	1	1	0	600	600	0
9/4/2023 0:28	58402 MORO_T1	0	0	0	0	0	0	-1.97	-1.98	3	3	0	2400	2400	0
9/4/2023 0:28	47403 PENS_T1	1	1	0	2.5	2.8	0.3	0	0	0	0	0	0	0	0
9/4/2023 0:28	53501 EVIL_T2	1	6	5	0.1	0.25	0.15	-1.65	-1.7	0	0	0	0	0	0
9/4/2023 0:28	28403 HART_T2	0	0	0	0	0	0	-1.16	-1.23	2	2	0	1800	1800	0
9/4/2023 0:28	44601 SALE_T2	0	0	0	0	0	0	0.07	0.02	0	0	0	0	0	0
9/4/2023 0:29	43402 BENT_T1	0	0	0	0	0	0	-0.88	-0.87	1	1	0	900	900	0
9/4/2023 0:31	23401 HONE_T2	1	1	0	0.6	0.6	0	0.07	0.07	0	0	0	0	0	0
9/4/2023 1:15	43402 BENT_T1	0	0	0	0	0	0	-0.9	-0.9	1	1	0	900	900	0
9/4/2023 1:29	43402 BENT_T1	0	0	0	0	0	0	-0.9	-0.9	1	1	0	900	900	0
9/4/2023 1:33	61202 REIN_T1	61	61	0	1.22	1.4	0.18	0	0	0	0	0	0	0	0
9/4/2023 2:15	43402 BENT_T1	0	0	0	0	0	0	-0.9	-0.92	1	1	0	900	900	0
9/4/2023 2:23	61202 REIN_T1	61	61	0	1.31	1.56	0.25	0	0	0	0	0	0	0	0
9/4/2023 2:29	43402 BENT_T1	0	0	0	0	0	0	-0.92	-0.92	1	1	0	900	900	0
9/4/2023 2:43	61202 REIN_T1	61	61	0	1.54	1.6	0.06	0	0	0	0	0	0	0	0
9/4/2023 2:55	43402 BENT_T1	0	0	0	0	0	0	-0.92	-0.91	1	1	0	900	900	0
9/4/2023 3:18	61202 REIN_T1	61	61	0	1.58	1.7	0.12	0	0	0	0	0	0	0	0
9/4/2023 4:13	61202 REIN_T1	61	61	0	1.67	1.74	0.07	0	0	0	0	0	0	0	0
9/4/2023 6:05	61202 REIN_T1	60	60	0	1.39	1.34	-0.05	0	0	0	0	0	0	0	0
9/4/2023 6:33	61102 BERK_T5	0	0	0	0	0	0	1.05	1.09	1	1	0	300	300	0
9/4/2023 8:18	59402 RFLD_T2	6	37	31	0.15	0.27	0.12	-1.08	-1.08	1	1	0	450	450	0
9/4/2023 8:20	54701 NEBL_T1	0	5	5	0	0.28	0.28	0	0	1	1	0	600	600	0
9/4/2023 8:28	64702 LITI_T2	0	0	0	0	0	0	-0.54	-0.55	0	0	0	0	0	0
9/4/2023 8:41	40101 HUNT_T2	0	0	0	0	0	0	-0.57	-0.49	0	0	0	0	0	0
9/4/2023 8:50	44902 SCOT_T2	31	39	8	0.12	0.12	0	0	0	0	0	0	0	0	0
9/4/2023 8:51	44902 SCOT_T2	31	39	8	0.12	0.12	0	0	0	0	0	0	0	0	0
9/4/2023 8:59	58401 MORO_T1	1	0	-1	0.9	0	-0.9	0	0	0	0	0	0	0	0
9/4/2023 9:01	58402 MORO_T1	1	0	-1	0.6	0	-0.6	-1.81	-1.77	3	3	0	2400	2400	0
9/4/2023 9:05	45902 AUBU_T1	424	323	-101	0.51	0.4	-0.11	-0.52	-0.47	0	0	0

Appendix C - Grid Benefits Achieved in Each Instance of Active Management

9/4/2023 10:00	53903 HALI_T2	1	2	1	0.1	0.8	0.7	-0.01	0.02	0	0	0	0	0	0
9/4/2023 10:00	56601 HAMP_T1	0	0	0	0	0	0	0.01	-0.08	0	0	0	0	0	0
9/4/2023 10:00	15604 NSTR_T1	0	0	0	0	0	0	0.35	0.36	0	0	0	0	0	0
9/4/2023 10:00	10602 BLGL_T2	1	1	0	9.9	8.7	-1.2	0.59	0.62	0	0	0	0	0	0
9/4/2023 10:00	44901 SCOT_T2	0	0	0	0	0	0	0.19	0.1	0	0	0	0	0	0
9/4/2023 10:01	44301 BEAV_T2	9	2	-7	0.82	0.2	-0.62	-0.48	-0.41	1	1	0	600	600	0
9/4/2023 10:06	66505 SMAN_T2	0	2	2	0	0	0	0.26	0.35	4	4	0	2300	2300	0
9/4/2023 10:06	46302 ROHR_T1	5	4	-1	0.72	0.33	-0.39	0.37	0.41	0	0	0	0	0	0
9/4/2023 10:07	43301 WATS_T2	0	1	1	0	0	0	0	0	0	0	0	0	0	0
9/4/2023 10:07	49803 UNIV_T1	0	2	2	0	0.3	0.3	-0.56	-0.47	0	0	0	0	0	0
9/4/2023 10:08	29402 BELT_T1	0	56	56	0	0.58	0.58	0	0	0	0	0	0	0	0
9/4/2023 10:08	45901 AUBU_T1	25	14	-11	0.24	0.16	-0.08	0	0	0	0	0	0	0	0
9/4/2023 10:08	15001 BLMO_T1	0	2	2	0	0.1	0.1	0	0	0	0	0	0	0	0
9/4/2023 10:09	45901 AUBU_T1	25	14	-11	0.24	0.16	-0.08	0	0	0	0	0	0	0	0
9/4/2023 10:09	56802 BENV_T2	2	1	-1	0.5	0.9	0.4	-0.98	-0.87	0	0	0	0	0	0
9/4/2023 10:10	17804 GILB_T2	1	1	0	0.2	0.6	0.4	-0.36	-0.34	0	0	0	0	0	0
9/4/2023 10:10	41602 CLEV_T1	4	3	-1	0.35	0.55	0.2	0	0	1	1	0	600	600	0
9/4/2023 10:10	29402 BELT_T1	0	56	56	0	0.58	0.58	0	0	0	0	0	0	0	0
9/4/2023 10:10	56802 BENV_T2	2	1	-1	0.5	0.9	0.4	-1.96	-1.73	0	0	0	0	0	0
9/4/2023 10:11	45802 HEGI_T2	3	1	-2	0.23	0	-0.23	0.75	0.84	1	1	0	300	300	0
9/4/2023 10:11	45602 WOOL_T1	8	1	-7	0.24	0.2	-0.04	0.27	0.36	0	0	0	0	0	0
9/4/2023 10:12	56802 BENV_T2	2	1	-1	0.5	0.9	0.4	-0.98	-0.87	0	0	0	0	0	0
9/4/2023 10:12	52402 GRPA_T2	1	4	3	2.3	1.7	-0.6	0	0	0	0	0	0	0	0
9/4/2023 10:14	67204 TEHI_T2	0	1	1	0	0	0	-0.01	0.03	0	0	0	0	0	0
9/4/2023 10:14	52401 GRPA_T2	0	20	20	0	0.1	0.1	0	0	0	0	0	0	0	0
9/4/2023 10:15	45002 LIME_2	1	1	0	0.4	0	-0.4	0.01	0.01	0	0	0	0	0	0
9/4/2023 10:15	28403 HART_T2	0	0	0	0	0	0	-0.32	-0.28	1	1	0	900	900	0
9/4/2023 10:16	45001 LIME_2	12	27	15	0.61	0.55	-0.06	0	0	0	0	0	0	0	0
9/4/2023 10:16	54701 NEBL_T1	0	3	3	0	0.25	0.25	0	0	2	2	0	1200	1200	0
9/4/2023 10:16	63403 HONY_T2	0	1	1	0	0	0	-0.67	-0.64	1	1	0	600	600	0
9/4/2023 10:19	43202 MVIL_T2	2	1	-1	0.35	0.4	0.05	-0.43	-0.4	0	0	0	0	0	0
9/4/2023 10:20	65902 SAKR_T2	0	0	0	0	0	0	-0.2	-0.18	2	2	0	1200	1200	0
9/4/2023 10:21	20403 ASHF_T2	1	1	0	0.2	1.5	1.3	0.95	1	0	0	0	0	0	0
9/4/2023 10:24	45902 AUBU_T1	13	12	-1	0.21	0.19	-0.02	0	0	0	0	0	0	0	0
9/4/2023 10:25	45902 AUBU_T1	13	12	-1	0.21	0.19	-0.02	0	0	0	0	0	0	0	0
9/4/2023 10:25	41602 CLEV_T1	3	3	0	0.73	0.35	-0.38	0	0	1	1	0	600	600	0
9/4/2023 10:26	56803 BENV_T1	1	2	1	2.9	0	-2.9	0.77	0.75	0	0	0	0	0	0
9/4/2023 10:26	26603 BROO_T1	1	1	0	3.7	3	-0.7	0.37	0.41	0	0	0	0	0	0
9/4/2023 10:26	17805 GILB_T2	0	0	0	0	0	0	-0.33	-0.27	0	0	0	0	0	0
9/4/2023 10:27	56801 BENV_T1	17	13	-4	0.53	0.32	-0.21	0	0	0	0	0	0	0	0
9/4/2023 10:27	44505 HAMI_T2	0	1	1	0	0	0	0	0	0	0	0	0	0	0
9/4/2023 10:27	53903 HALI_T2	2	2	0	0.8	0.65	-0.15	0.1	0.06	0	0	0	0	0	0
9/4/2023 10:27	53601 DALM_T2	2	2	0	0	0.1	0.1	0.12	0.11	0	0	0	0	0	0
9/4/2023 10:28	44502 HAMI_T2	1	1	0	1.2	0.8	-0.4	0.28	0.26	0	0	0	0	0	0
9/4/2023 10:28	12701 MACU_T1	0	0	0	0	0	0	-0.79	-0.77	1	1	0	1200	1200	0
9/4/2023 10:30	12701 MACU_T1	0	0	0	0	0	0	-0.79	-0.77	1	1	0	1200	1200	0
9/4/2023 10:30	64301 LINC_T1	0	0	0	0	0	0	-0.8	-0.73	1	1	0	600	600	0
9/4/2023 10:31	44502 HAMI_T2	1	1	0	0.8	0.8	0	0.28	0.26	0	0	0	0	0	0
9/4/2023 10:33	12701 MACU_T1	0	0	0	0	0	0	-0.79	-0.77	1	1	0	1200	1200	0
9/4/2023 10:36	44901 SCOT_T2	0	0	0	0	0	0	0.29	0.36	0	0	0	0	0	0
9/4/2023 10:41	60101 COCA_T1	0	0	0	0	0	0	0.83	0.94	0	0	0	0	0	0
9/4/2023 10:46	52403 GRPA_T2	15	57	42	0.67	0.63	-0.04	-0.41	-0.38	0	0	0	0	0	0
9/4/2023 10:47	47401 PENS_T1	2	6	4	0.65	0.5	-0.15	0.6	0.61	0	0	0	0	0	0
9/4/2023 10:47	52403 GRPA_T2	15	57	42	0.67	0.63	-0.04	-0.41	-0.38	0	0	0	0	0	0
9/4/2023 10:48	47403 PENS_T1	1	1	0	1.6	2	0.4	0	0	0	0	0	0	0	0
9/4/2023 10:49	47401 PENS_T1	2	6	4	0.65	0.5	-0.15	0.61	0.67	0	0	0	0	0	0
9/4/2023 10:51	47401 PENS_T1	2	6	4	0.65	0.5	-0.15	0.61	0.67	0	0	0	0	0	0
9/4/2023 10:52	56803 BENV_T1	1	7	6	0.1	0.43	0.33	0	0	0	0	0	0	0	0
9/4/2023 10:52	59101 WALK_T2	7	20	13	0.45	0.45	0	0.4	0.57	0	0	0	0	0	0
9/4/2023 10:52	67503 WEWI_T2	1	0	-1	0.2	0	-0.2	0.49	0.47	0	0	0	0	0	0
9/4/2023 10:53	56803 BENV_T1	1	7	6	0.1	0.43	0.33	0	0	0	0	0	0	0	0
9/4/2023 10:53	59101 WALK_T2	7	20	13	0.45	0.45	0	0.4	0.57	0	0	0	0	0	0
9/4/2023 10:54	66703 STRA_T1	0	0	0	0	0	0	0.54	0.49	0	0	0	0	0	0
9/4/2023 10:54	56803 BENV_T1	1	7	6	0.1	0.43	0.33	0	0	0	0	0	0	0	0
9/4/2023 10:56	56803 BENV_T1	1	7	6	0.1	0.43	0.33	0	0	0	0	0	0	0	0
9/4/2023 10:57	62606 ENGL_T1	1	0	-1	5.1	0	-5.1	0	0	0	0	0	0	0	0
9/4/2023 10:57	40101 HUNT_T2	49	25	-24	0.46	0.93	0.47	-0.72	-0.88	0	0	0	0	0	0
9/4/2023 11:01	40101 HUNT_T2	24	36	12	0.55	0.82	0.27	-0.72	-0.88	0	0	0	0	0	0
9/4/2023 11:03	44601 SALE_T2	0	0	0	0	0	0	0.24	0.27	0	0	0	0	0	0
9/4/2023 11:04	16402 MOPO_T1	0	0	0	0	0	0	-0.14	-0.09	0	0	0	0	0	0
9/4/2023 11:04	43001 ALWD_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9/4/2023 11:05	16402 MOPO_T1	0	0	0	0	0	0	-0.14	-0.09	0	0	0	0	0	0
9/4/2023 11:07	42601 TUSC_T1	8	11	3	0.38	0.17	-0.21	0.68	0.7	2	2	0	1800	1800	0
9/4/2023 11:07	44901 SCOT_T2	0	0	0	0	0	0	0.41	0.43	0	0	0	0	0	0
9/4/2023 11:08	29401 BELT_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9/4/2023 11:09	60803 BUCK_T1	0	0	0	0	0	0	-0.71	-0.67	1	1	0	600	600	0
9/4/2023 11:09	20401 ASHF_T2	2	4	2	0.65	0.43	-0.22	0	0	0	0	0	0	0	0
9/4/2023 11:09	29401 BELT_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9/4/2023 11:09	42601 TUSC_T1	8	11	3	0.38	0.17	-0.21	0.68	0.7	2	2	0	1800	1800	0
9/4/2023 11:10	49804 UNIV_T1	1	1	0	0.2	0	-0.2	0	0	0	0	0	0	0	0
9/4/2023 11:10	29402 BELT_T1	46	49	3	0.5	0.45	-0.05	0	0	0	0	0	0	0	0
9/4/2023 11:11	45902 AUBU_T1	9	11	2	0.17	0.19	0.02	-0.38	-0.38	0	0	0	0	0	0
9/4/2023 11:12	10801 CHHI_T1	9	58	49	0.54	0.54	0	-1.19	-1.14	3	3	0	2100	2100	0
9/4/2023 11:12	60803 BUCK_T1	0	0	0	0	0	0	-0.71	-0.67	1	1	0	600	600	0
9/4/2023 11:13	45004 LIME_2	1	1	0	0.4	0.9	0.5	0	0	0	0	0	0	0	0
9/4/2023 11:13	52401 GRPA_T2	31	23	-8	0.43	0.34	-0.09	0	0	0	0	0	0	0	0
9/4/2023 11:15	45001 LIME_2	9	46	37	0.37	0.57	0.2	0	0	0	0	0	0	0	0
9/4/2023 11:16	57303 MOAL_T2	1	1	0	9.2	8.8	-0.4	0	0	0	0	0	0	0	0
9/4/2023 11:18	61202 REIN_T1	7	6	-1	0.46	0.33	-0.13	0	0	0	0	0	0	0	0
9/4/2023 11:19	60604 NCOL_T2	0	0	0	0	0	0	0.52	0.55	0	0	0	0	0	0
9/4/2023 11:21	49803 UNIV_T1	1	3	2	0.5	0.93	0.43	-0.31	-1.55	0	0	0	0	0	0
9/4/2023 11:22	65602 QVIL_T2	1	2	1	0.6	0.6	0	0	0	0	0	0	0	0	0
9/4/2023 11:23	10805 CHHI_T2	22	44	22	1.22	0.77	-0.45	-0.36	-0.26	1	1	0	600	600	0
9/4/2023 11:24	61301 EARL_T1	0	0	0	0	0	0	-1.27	-1.26	2	2	0	1800	1800	0
9/4/2023 11:24	43301 WATS_T2	0	4	4	0	0.2	0.2	0	0	0	0	0	0	0	0
9/4/2023 11:27	20402 ASHF_T2	11	12	1	1.49	1.14	-0.35	0	0	0	0	0	0	0	0
9/4/2023 11:28	27101 GFLD_T2	2	4	2	0.1	0.75	0.65	0.17	0.21	1	1	0	600	600	0
9/4/2023 11:29	45003 LIME_2	1	3	2	1.6	0.75	-0.85	0	0	2	2	0	1800	1800	0
9/4/2023 11:32	42002 MNVL_T2	1	1	0	2.8	3	0.2	0	0	0	0	0	0	0	0
9/4/2023 11:33	47402 PENS_T1	1	4	3	0.1	0	-0.1	0	0	0	0	0	0	0	0
9/4/2023 11:34	54701 NEBL_T1	81	123	42	0.37	0.37	0	0	0	1	1	0	600	600	0
9/4/2023 11:34	47402 PENS_T1	1	4	3	0.1	0	-0.1	0	0	0	0	0	0	0	0
9/4/2023 11:35	60604 NCOL_T2	0	0	0	0	0	0	0.55	0.55	0	0	0	0	0	0
9/4/2023 11:35	65604 QVIL_T2	3	13	10	0.5	0.1	-0.4	0.85	0.89	0	0	0	0	0	0
9/4/2023 11:35	46302 ROHR_T1	8	7	-1	0.85	0.7	-0.15	0.43	0.47	0	0	0	0	0	0
9/4/2023 11:35	47402 PENS_T1	1	4	3	0.1	0	-0.1	0	0	0	0	0	0	0	0
9/4/2023 11:36	47402 PENS_T1	1	4	3	0.1	0	-0.1	0	0	0	0	0	0	0	0
9/4/2023 11:36	49803 UNIV_T1	1	3	2	0.8	0.93	0.13	-1.55	-1.51	0	0	0	0	0	0
9/4/2023 11:37	56504 ROCK_T2	0	9	9	0	0.37	0.37	0	0	0	0	0	0	0	0
9/4/2023 11:37	45902 AUBU_T1	11	13	2	0.19	0.15	-0.04	-0.69	-0.65	0	0	0	0	0	0
9/4/2023 11:38	45902 AUBU_T1	11	13	2	0.19	0.15	-0.04	-0.34	-0.33	0	0	0	0	0	0
9/4/2023 11:38	65604 QVIL_T2	3	13	10	0.5	0.1	-0.4	1.7	1.77	0	0	0	0	0	0
9/4/2023 11:38	60803 BUCK_T1	0	1	1	0	0	0	-0.59	-0.48	1	1	0	600	600	0
9/4/2023 11:38	45902 AUBU_T1	11	13	2	0.19	0.15	-0.04	-0.34	-0.33	0	0	0	0	0	0
9/4/2023 11:38	60101 COCA_T1	0	0	0	0	0	0	1.06	1.05	0	0	0	0	0	0
9/4/2023 11:39	53501 EVIL_T2	1	2	1	0.3	0.1	-0.2	-0.08	-0.06	0	0	0	0	0	0
9/4/2023 11:39	10801 CHHI_T1	54	56	2	0.6	0.53	-0.07	-1.07	-1.05	3	3	0	2100	2100	0
9/4/2023 11:39	60803 BUCK_T1	0	1	1	0	0	0	-0.59	-0.48	1	1	0	600	600	0
9/4/2023 11:39	44901 SCOT_T2	0	0	0	0	0	0	0.46	0.4	0	0	0	0	0	0
9/4/2023 11:39	42701 AUGU_T1	1	2	1	0.2	0	-0.2	0	0	2	2	0	1800	1800	0
9/4/2023 11:39	10805 CHHI_T2	42	67	25	0.87	0.76	-0.11	-0.26	-0.22	1	1	0	600	600	0
9/4/2023 11:40	45602 WOOL_T1	0	0	0	0	0	0	-0.42	-0.37	1	1	0	900	900	0
9/4/2023 11:41	44505 HAMI_T2	7	8	1	0.33	0.18	-0.15	0	0	0	0	0	0	0	0
9/4/2023 11:41	42701 AUGU_T1	1	2	1	0.2	0	-0.2	0	0	2	2	0	1800	1800	0
9/4/2023 11:42	20402 ASHF_T2	10	13	3	1.98	1.14	-0.84	0	0	0	0	0	0	0	0
9/4/2023 11:43	27102 GFLD_T2	0	1	1	0	0.2	0.2	0	0	0	0	0	0	0	0
9/4/2023 11:44	45003 LIME_2	2	3	1	0.9	0.85	-0.05	0	0	0	0	0	0	0	0
9/4/2023 11:44	53501 EVIL_T2	1	2	1	0.3	0.1	-0.2	-0.08	-0.06	0	0	0	0	0	0
9/4/2023 11:44	44502 HAMI_T2	1	1	0	1.3	1.4	0.1	0.5	0.57	0	0	0	0	0	0
9/4/2023 11:44	17805 GILB_T2	0	0	0	0	0	0	-0.15	-0.11	0	0	0	0	0	0
9/4/2023 11:45	53501 EVIL_T2	1	4	3	0.1	0.75	0.65	-0.08	-0.06	0	0	0	0	0	0
9/4/2023 11:45	45003 LIME_2	3	3	0	0.57	2.4	1.83	0	0	8	8	0	7200	7200	0
9/4/2023 11:45	45002 LIME_2	1	1	0	0.9	0.7	-0.2	0.01	0.01	0	0	0	0	0	0
9/4/2023 11:45	45802 HEGI_T2	3	3	0	0.5	0.6	0.1	0.67	0.63	1	1	0	300	300	0
9/4/2023 11:45	17804 GILB_T2	0	0	0	0	0	0	-0.25	-0.25	0	0	0	0	0	0
9/4/2023 11:46	42901 MIDD_T2	2	5	3	1.05	0.9	-0.15	0	0	0	0	0	0	0	0
9/4/2023 11:46	44505 HAMI_T2	5	8	3	0.2	0.33	0.13	0	0	0	0	0	0	0	0
9/4/2023 11:48	59402 RFLD_T2	3	3	0	0.67	0	-0.67	-0.88	-0.89	1	1	0	450	450	0
9/4/2023 11:48	45003 LIME_2	3	3	0	0.57	2.4	1.83	0	0	4	4	0	3600	3600	0
9/4/2023 11:49	47402 PENS_T1	0	9	9	0	0.35	0.35	0	0	0	0	0	0	0	0
9/4/2023 11:49	28403 HART_T2	0	0	0	0	0	0	-0.26	-0.25	1	1	0	900	900	0
9/4/2023 11:50	54701 NEBL_T1	120	99	-21	0.48	0.33	-0.15	0	0	1	1	0	600	600	0
9/4/2023 11:50	14403 SSLA_T1	1	7	6	1.8	1.17	-0.63	1.15	1.16	1	1	0	600	600	0
9/4/2023 11:50	47401 PENS_T1	3	4	1	0.83	0.75	-0.08	0.49	0.52	0	0	0	0	0	0
9/4/2023 11:51	46302 ROHR_T1	7	8	1	0.97	0.7	-0.27	0.47	0.46	0	0	0	0	0	0
9/4/2023 11:51	47402 PENS_T1	0	9	9	0	0.35	0.35	0	0	0	0	0	0	0	0
9/4/2023 11:52	47401 PENS_T1	3	4	1	0.83	0.75	-0.08	0.49	0.52	0	0	0	0	0	0
9/4/2023 11:52	49803 UNIV_T1	3	2	-1	0.93	1.35	0.42	-1.51	-1.49	0	0	0	0	0	0
9/4/2023 11:53	45901 AUBU_T1	2	2	0	0.1	0.15	0.05	0.5	0.51	0	0	0	0	0	0
9/4/2023 11:53	45901 AUBU_T1	2	2	0	0.1	0.15	0.05	0.5	0.51	0	0	0	0	0	0
9/4/2023 11:53	14403 SSLA_T1	1	7	6	1.8	1.17	-0.63	1.15	1.16	1	1	0	600	600	0
9/4/2023 11:54	45901 AUBU_T1	2	2	0	0.1	0.15	0.05	0.5	0.51	0	0	0	0	0	0
9/4/2023 11:54	60101 COCA_T1	0	0	0	0	0	0	1.05	1.09	0	1	1	0	1200	1200
9/4/2023 11:54	45901 AUBU_T1	2	2	0	0.1	0.15	0.05	0.5	0.51	0	0	0	0	0	0
9/4/2023 11:54	10805 CHHI_T2	36	82	46	1.08	0.95	-0.13	-0.22	-0.17	1	1	0	600	600	0
9/4/2023 11:55	10801 CHHI_T1	47	49	2	0.51	0.72	0.21	-1.05	-1.02	3	3	0	2100	2100	0
9/4/2023 11:55	53501 EVIL_T2	1	4	3	0.1	0.75	0.65	-0.06	-0.02	0	0	0	0	0	0
9/4/2023 11:55	42701 AUGU_T1	0	17	17	0	1.1	1.1	0	0	2	2	0	1800	1800	0
9/4/2023 11:56	53601 DALM_T2	5	6	1	0.48	1	0.52	0.25	-0.27	0	0	0	0	0	0
9/4/2023 11:56	53501 EVIL_T2	1	4	3	0.1	0.75	0.65	-0.06	-0.02	0	0	0	0	0	0
9/4/2023 11:56	20401 ASHF_T2	2	12	10	0.85	0.55	-0.3	0	0	0	0	0	0	0	0
9/4/2023 11:56	42701 AUGU_T1	0	17	17	0	1.1	1.1	0	0	2	2	0	1800	1800	0
9/4/2023 11:57	44502 HAMI_T2	1	1	0	1.4	1.4	0	0.57	0.55	0	0	0	0	0	0
9/4/2023 11:58	40101 HUNT_T2	13	48	35	0.41	0.45	0.04	-0.78	-0.82	0	0	0	0	0	0
9/4/2023 11:58	27101 GFLD_T2	3	5	2	0.8	1.4	0.6	0.21	0.24	1	1	0	600	600	0
9/4/2023 11:58	53501 EVIL_T2	1	4	3	0.1	0.75	0.65	-0.06	-0.02	0	0	0	0	0	0
9/4/2023 12:00	44505 HAMI_T2	8	6	-2	0.26	0.14	-0.12	0	0	0	0	0	0	0	0
9/4/2023 12:00	40101 HUNT_T2	39	110	71	0.54	0.44	-0.1	-0.78	-0.82	0	0	0	0	0	0
9/4/2023 12:02	44502 HAMI_T2	1	1	0	1.3	1.4	0.1	0.57	0.55	0	0	0	0	0	0
9/4/2023 12:03	59402 RFLD_T2	3	2	-1	0.43	0	-0.43	-0.89	-0.87	1	1	0	450	450	0
9/4/2023 12:03	56501 ROCK_T2	0	5	5	0	0.43	0.43	-1.33	-1.3	0	0	0	0	0	0
9/4/2023 12:04	47403 PENS_T1	1	1	0	2.1	1.9	-0.2	0	0	0	0	0	0	0	0
9/4/2023 12:05	14403 SSLA_T1	3	8	5	1.7	0.82	-0.88	1.16	1.24	1	1	0	600	600	0
9/4/2023 12:06	47403 PENS_T1	1	1	0	2.1	1.9	-0.2	0	0	0	0	0	0	0	0
9/4/2023 12:06	54701 NEBL_T1	99	126	27	0.42	0.34	-0.08	0	0	1	1	0	600	600	0
9/4/2023 12:07	47403 PENS_T1	1	1	0	2.1	1.9	-0.2	0	0	0

9/4/2023 14:06	64101 REFR_T1	10	16	6	2.3	3.01	0.71	0.52	0.52	0	0	0	0	0	0
9/4/2023 14:07	56803 BENV_T1	13	15	2	1.14	0.88	-0.26	0	0	0	0	0	0	0	0
9/4/2023 14:07	26601 BROD_T1	10	7	-3	0.5	0.47	-0.03	0	0	0	0	0	0	0	0
9/4/2023 14:07	46301 ROHR_T1	1	2	1	2.3	0	-2.3	0	0	0	0	0	0	0	0
9/4/2023 14:07	67503 WEWI_T2	77	145	68	0.66	0.84	0.18	0.8	0.89	0	0	0	0	0	0
9/4/2023 14:08	56801 BENV_T1	14	14	0	0.51	0.48	-0.03	0.38	0.42	2	2	0	1200	1200	0
9/4/2023 14:09	42701 AUGU_T1	16	24	8	0.46	0.56	0.1	0	0	2	2	0	1800	1800	0
9/4/2023 14:09	49804 UNIV_T1	1	2	1	0.1	0.9	0.8	0	0	0	0	0	0	0	0
9/4/2023 14:09	51107 CARL_T1	0	0	0	0	0	0	-0.81	-0.89	0	0	0	0	0	0
9/4/2023 14:09	45303 WBER_T2	1	4	3	2	0.15	-1.85	0	0	0	0	0	0	0	0
9/4/2023 14:10	56801 BENV_T1	14	14	0	0.51	0.48	-0.03	0.19	0.21	1	1	0	600	600	0
9/4/2023 14:10	20402 ASHF_T2	27	32	5	0.85	0.62	-0.23	0	0	0	0	0	0	0	0
9/4/2023 14:10	42701 AUGU_T1	16	24	8	0.46	0.56	0.1	0	0	2	2	0	1800	1800	0
9/4/2023 14:11	11101 EGYP_T1	1	1	0	0.3	0	-0.3	0	0	0	0	0	0	0	0
9/4/2023 14:11	53502 EVIL_T2	2	3	1	0.3	0.2	-0.1	0	0	0	0	0	0	0	0
9/4/2023 14:11	56802 BENV_T2	0	0	0	0	0	0	-0.51	-0.5	0	0	0	0	0	0
9/4/2023 14:11	10801 CHHI_T1	209	210	1	1.89	1.46	-0.43	-0.8	-0.74	3	3	0	2100	2100	0
9/4/2023 14:12	27102 GFLD_T2	0	1	1	0	0.1	0.1	0	0	0	0	0	0	0	0
9/4/2023 14:12	44801 EDAN_T2	19	18	-1	0.63	0.66	0.03	0	0	0	0	0	0	0	0
9/4/2023 14:12	56802 BENV_T2	0	0	0	0	0	0	-1.02	-1.01	0	0	0	0	0	0
9/4/2023 14:12	53501 EVIL_T2	2	3	1	0.65	0	-0.65	-0.56	-0.5	1	1	0	600	600	0
9/4/2023 14:12	56801 BENV_T1	14	14	0	0.51	0.48	-0.03	0.38	0.42	2	2	0	1200	1200	0
9/4/2023 14:12	61302 EARL_T1	1	0	-1	0.1	0	-0.1	0	0	0	0	0	0	0	0
9/4/2023 14:12	17804 GILB_T2	0	0	0	0	0	0	-0.17	-0.19	0	0	0	0	0	0
9/4/2023 14:13	42701 AUGU_T1	16	24	8	0.46	0.56	0.1	0	0	2	2	0	1800	1800	0
9/4/2023 14:13	44505 HAMI_T2	17	25	8	0.61	0.64	0.03	0	0	0	0	0	0	0	0
9/4/2023 14:13	56801 BENV_T1	14	14	0	0.51	0.48	-0.03	0.19	0.21	1	1	0	600	600	0
9/4/2023 14:13	56803 BENV_T1	13	15	2	1.14	0.88	-0.26	0.43	0.48	1	1	0	600	600	0
9/4/2023 14:13	60101 COCA_T1	0	0	0	0	0	0	-0.07	-0.01	1	2	1	1200	1800	600
9/4/2023 14:13	53501 EVIL_T2	2	3	1	0.65	0	-0.65	-0.56	-0.5	1	1	0	600	600	0
9/4/2023 14:13	44801 EDAN_T2	19	18	-1	0.63	0.66	0.03	0	0	0	0	0	0	0	0
9/4/2023 14:15	52401 GRPA_T2	61	88	27	0.71	0.9	0.19	0	0	0	0	0	0	0	0
9/4/2023 14:15	45004 LIME_2	1	1	0	0.3	0	-0.3	0	0	0	0	0	0	0	0
9/4/2023 14:15	45001 LIME_2	89	123	34	1.11	1.03	-0.08	0	0	0	0	0	0	0	0
9/4/2023 14:16	52401 GRPA_T2	61	88	27	0.71	0.9	0.19	0.07	0.11	0	0	0	0	0	0
9/4/2023 14:16	52401 GRPA_T2	61	88	27	0.71	0.9	0.19	0.07	0.11	0	0	0	0	0	0
9/4/2023 14:16	45001 LIME_2	89	123	34	1.11	1.03	-0.08	0	0	0	0	0	0	0	0
9/4/2023 14:16	17805 GILB_T2	0	1	1	0	0	0	0.16	0.18	0	0	0	0	0	0
9/4/2023 14:17	45002 LIME_2	1	1	0	1.7	1.9	0.2	0	0	0	0	0	0	0	0
9/4/2023 14:17	44505 HAMI_T2	19	29	10	0.79	0.49	-0.3	0	0	0	0	0	0	0	0
9/4/2023 14:17	52404 GRPA_T2	1	1	0	0.2	0	-0.2	0	0	0	0	0	0	0	0
9/4/2023 14:17	58401 MORO_T1	1	1	0	0.2	0	-0.2	-0.24	-0.29	2	2	0	1500	1500	0
9/4/2023 14:17	54701 NEBL_T1	122	158	36	0.76	1.25	0.49	0	0	1	1	0	600	600	0
9/4/2023 14:18	52402 GRPA_T2	56	81	25	0.59	0.77	0.18	0	0	0	0	0	0	0	0
9/4/2023 14:19	13601 RICH_T2	0	11	11	0	0.25	0.25	0	0	0	0	0	0	0	0
9/4/2023 14:19	65902 SAKR_T2	0	1	1	0	1	1	0	0	0	0	0	0	0	0
9/4/2023 14:19	56504 ROCK_T2	37	70	33	0.72	0.72	0	0	0	0	0	0	0	0	0
9/4/2023 14:19	12701 MACU_T1	19	59	40	0.66	0.73	0.07	-0.94	-0.91	2	2	0	2400	2400	0
9/4/2023 14:19	58401 MORO_T1	1	1	0	0.2	0	-0.2	-0.29	-0.22	2	2	0	1500	1500	0
9/4/2023 14:20	44502 HAMI_T2	1	1	0	0.6	0.5	-0.1	0.64	0.71	0	0	0	0	0	0
9/4/2023 14:20	43202 MVIL_T2	4	3	-1	1.18	0.6	-0.58	-0.34	-0.32	0	0	0	0	0	0
9/4/2023 14:20	56504 ROCK_T2	37	70	33	0.72	0.72	0	1.74	1.77	0	0	0	0	0	0
9/4/2023 14:21	65901 SAKR_T2	5	8	3	0.34	0.23	-0.11	0	0	0	0	0	0	0	0
9/4/2023 14:22	56501 ROCK_T2	5	9	4	0.34	0.6	0.26	0	0	0	0	0	0	0	0
9/4/2023 14:22	29402 BELT_T1	2	1	-1	0.2	0	-0.2	0	0	0	0	0	0	0	0
9/4/2023 14:22	59101 WALK_T2	21	42	21	0.7	0.61	-0.09	0.55	0.27	2	2	0	900	900	0
9/4/2023 14:23	60101 COCA_T1	0	0	0	0	0	0	-0.01	0	2	2	0	1800	1800	0
9/4/2023 14:23	59101 WALK_T2	21	42	21	0.7	0.61	-0.09	0.27	0.14	1	1	0	450	450	0
9/4/2023 14:23	29401 BELT_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9/4/2023 14:23	45602 WOOL_T1	1	0	-1	0.5	0	-0.5	-0.12	-0.16	1	1	0	900	900	0
9/4/2023 14:23	56801 BENV_T1	11	20	9	0.38	0.58	0.2	0.63	-1.07	3	6	3	1800	3600	1800
9/4/2023 14:24	62604 ENGL_T1	0	10	10	0	0.9	0.9	0	0	0	0	0	0	0	0
9/4/2023 14:24	56801 BENV_T1	11	20	9	0.38	0.58	0.2	0.42	-0.72	2	4	2	1200	2400	1200
9/4/2023 14:24	26601 BROD_T1	7	15	8	0.46	0.53	0.07	0	0	0	0	0	0	0	0
9/4/2023 14:24	49803 UNIV_T1	3	2	-1	0.53	0.5	-0.03	-1.39	-1.36	0	0	0	0	0	0
9/4/2023 14:25	45303 WBER_T2	1	4	3	1.1	0.15	-0.95	0	0	0	0	0	0	0	0
9/4/2023 14:25	29402 BELT_T1	2	1	-1	0.2	0	-0.2	0	0	0	0	0	0	0	0
9/4/2023 14:25	27502 WEIS_T2	65	160	95	0.9	0.76	-0.14	0.02	0.09	0	0	0	0	0	0
9/4/2023 14:25	51107 CARL_T1	0	0	0	0	0	0	-0.89	-0.87	0	0	0	0	0	0
9/4/2023 14:26	56801 BENV_T1	11	20	9	0.38	0.58	0.2	0.21	-0.36	1	2	1	600	1200	600
9/4/2023 14:26	11102 EGYP_T1	17	29	12	1.13	1.31	0.18	0	0	0	0	0	0	0	0
9/4/2023 14:26	62606 ENGL_T1	13	15	2	1.66	1.8	0.14	0	0	0	0	0	0	0	0
9/4/2023 14:27	28403 HART_T2	0	1	1	0	0	0	-0.28	-0.23	1	1	0	900	900	0
9/4/2023 14:27	17805 GILB_T2	0	1	1	0	0	0	0.18	0.16	0	0	0	0	0	0
9/4/2023 14:27	62607 ENGL_T1	15	23	8	1.27	1.01	-0.26	0.02	0.02	1	1	0	300	300	0
9/4/2023 14:27	44502 HAMI_T2	1	1	0	0.6	0.5	-0.1	0.64	0.71	0	0	0	0	0	0
9/4/2023 14:27	53502 EVIL_T2	3	3	0	0.23	0.2	-0.03	0	0	0	0	0	0	0	0
9/4/2023 14:27	11101 EGYP_T1	0	1	1	0	0.3	0.3	0	0	0	0	0	0	0	0
9/4/2023 14:27	56801 BENV_T1	11	20	9	0.38	0.58	0.2	0.21	-0.36	1	2	1	600	1200	600
9/4/2023 14:27	10801 CHHI_T1	208	216	8	1.49	1.6	0.11	-0.74	-0.7	3	3	0	2100	2100	0
9/4/2023 14:28	56803 BENV_T1	10	15	5	0.91	0.84	-0.07	0.48	0.46	1	1	0	600	600	0
9/4/2023 14:28	53501 EVIL_T2	1	20	19	0.1	0.35	0.25	-1	-1.07	2	2	0	1200	1200	0
9/4/2023 14:28	17804 GILB_T2	0	0	0	0	0	0	-0.19	-0.18	0	0	0	0	0	0
9/4/2023 14:28	44801 EDAN_T2	10	25	15	0.72	0.55	-0.17	0	0	0	0	0	0	0	0
9/4/2023 14:29	44505 HAMI_T2	19	29	10	0.79	0.49	-0.3	0	0	0	0	0	0	0	0
9/4/2023 14:29	12704 MACU_T1	5	5	0	0.54	0.58	0.04	0	0	0	0	0	0	0	0
9/4/2023 14:29	44801 EDAN_T2	10	25	15	0.72	0.55	-0.17	0	0	0	0	0	0	0	0
9/4/2023 14:30	45004 LIME_2	1	0	-1	0.2	0	-0.2	0	0	0	0	0	0	0	0
9/4/2023 14:30	45003 LIME_2	108	102	-6	0.86	0.73	-0.13	0	0	6	6	0	5400	5400	0
9/4/2023 14:30	52402 GRPA_T2	12	88	76	0.62	0.57	-0.05	0	0	0	0	0	0	0	0
9/4/2023 14:30	43202 MVIL_T2	3	1	-2	0.6	0	-0.6	-0.34	-0.32	0	0	0	0	0	0
9/4/2023 14:31	52401 GRPA_T2	79	94	15	0.89	1.05	0.16	0	0	0	0	0	0	0	0
9/4/2023 14:31	45001 LIME_2	96	123	27	1.07	1.03	-0.04	0	0	0	0	0	0	0	0
9/4/2023 14:31	44505 HAMI_T2	25	32	7	0.6	0.47	-0.13	0	0	0	0	0	0	0	0
9/4/2023 14:32	52402 GRPA_T2	12	88	76	0.62	0.57	-0.05	0	0	0	0	0	0	0	0
9/4/2023 14:32	12701 MACU_T1	21	82	61	0.73	0.6	-0.13	-0.47	-0.45	1	1	0	1200	1200	0
9/4/2023 14:32	52402 GRPA_T2	12	88	76	0.62	0.57	-0.05	0	0	0	0	0	0	0	0
9/4/2023 14:32	64101 REFR_T1	12	12	0	3.01	2.58	-0.43	0.52	0.53	0	0	0	0	0	0
9/4/2023 14:33	44601 SALE_T2	0	0	0	0	0	0	0.35	0.33	0	0	0	0	0	0
9/4/2023 14:33	47402 PENS_T1	1	2	1	0.2	0.1	-0.1	0	0	0	0	0	0	0	0
9/4/2023 14:33	52403 GRPA_T2	65	103	38	0.76	0.75	-0.01	0	0	0	0	0	0	0	0
9/4/2023 14:33	58401 MORO_T1	0	9	9	2	0.7	0.7	-0.29	-0.22	2	2	0	1500	1500	0
9/4/2023 14:33	54701 NEBL_T1	155	158	3	1.3	0.86	-0.44	0	0	1	1	0	600	600	0
9/4/2023 14:33	45004 LIME_2	1	0	-1	0.2	0	-0.2	0	0	0	0	0	0	0	0
9/4/2023 14:33	46302 ROHR_T1	12	16	4	1.38	1.19	-0.19	0.54	0.54	0	0	0	0	0	0
9/4/2023 14:34	47403 PENS_T1	1	1	0	2	1.8	-0.2	0	0	0	0	0	0	0	0
9/4/2023 14:34	45003 LIME_2	108	102	-6	0.86	0.73	-0.13	0	0	2	2	0	1800	1800	0
9/4/2023 14:34	56504 ROCK_T2	52	68	16	0.7	0.74	0.04	0.89	0.93	0	0	0	0	0	0
9/4/2023 14:34	61202 REIN_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9/4/2023 14:35	56504 ROCK_T2	52	68	16	0.7	0.74	0.04	0	0	0	0	0	0	0	0
9/4/2023 14:35	14402 SSLA_T1	0	4	4	0	0	0	0	0	0	0	0	0	0	0
9/4/2023 14:35	58401 MORO_T1	0	9	9	0	0.7	0.7	-0.22	-0.24	2	2	0	1500	1500	0
9/4/2023 14:35	64101 REFR_T1	12	12	0	3.01	2.58	-0.43	0.53	0.5	0	0	0	0	0	0
9/4/2023 14:35	65901 SAKR_T2	5	7	2	0.32	0.23	-0.09	0.12	0.12	2	2	0	1500	1500	0
9/4/2023 14:35	27502 WEIS_T2	143	165	22	0.82	0.7	-0.12	0.09	0.01	0	0	0	0	0	0
9/4/2023 14:36	56501 ROCK_T2	8	8	0	0.61	0.6	-0.01	0	0	0	0	0	0	0	0
9/4/2023 14:36	64101 REFR_T1	12	12	0	3.01	2.58	-0.43	0.53	0.5	0	0	0	0	0	0
9/4/2023 14:36	47401 PENS_T1	2	11	9	0.9	0.46	-0.44	0.83	0.69	0	0	0	0	0	0
9/4/2023 14:36	25801 SUTR_T2	10	12	2	0.46	0.4	-0.06	-0.1	-0.1	0	0	0	0	0	0
9/4/2023 14:37	56501 ROCK_T2	8	8	0	0.61	0.6	-0.01	0	0	0	0	0	0	0	0
9/4/2023 14:37	59101 WALK_T2	32	47	15	0.67	0.55	-0.12	0.14	0.12	1	1	0	450	450	0
9/4/2023 14:37	45002 LIME_2	1	1	0	1.9	1.9	0	0.01	0.01	0	0	0	0	0	0
9/4/2023 14:37	14402 SSLA_T1	0	4	4	0	0	0	0	0	0	0	0	0	0	0
9/4/2023 14:37	16302 ALPA_T2	0	0	0	0	0	0	0.07	0.11	0	0	0	0	0	0
9/4/2023 14:37	65902 SAKR_T2	1	1	0	1	0	-1	-0.14	-0.14	2	2	0	1200	1200	0
9/4/2023 14:38	16302 ALPA_T2	0	0	0	0	0	0	0.07	0.11	0	0	0	0	0	0
9/4/2023 14:38	60803 BUCK_T1	7	19	12	0.31	0.27	-0.04	-0.01	0.06	1	1	0	600	600	0
9/4/2023 14:38	42901 MIDD_T2	6	9	3	0.87	0.8	-0.07	0	0	0	0	0	0	0	0
9/4/2023 14:38	45602 WOOL_T1	0	0	0	0	0	0	-0.16	-0.15	1	1	0	900	900	0
9/4/2023 14:39	44802 EDAN_T2	0	0	0	0	0	0	-5.25	-5.26	2	2	0	2400	2400	0
9/4/2023 14:39	59101 WALK_T2	32	47	15	0.67	0.55	-0.12	0.14	0.12	1	1	0	450	450	0
9/4/2023 14:39	42701 AUGU_T1	24	37	13	0.66	0.55	-0.11	0	0	2	2	0	1800	1800	0
9/4/2023 14:39	20401 ASHF_T2	20	39	19	0.58	0.4	-0.18	0	0	0	0	0	0	0	0
9/4/2023 14:39	26601 BROD_T1	6	24	18	0.53	0.66	0.13	0	0	0	0	0	0	0	0
9/4/2023 14:40	45303 WBER_T2	4	2	-2	0.15	0.1	-0.05	0	0	0	0	0	0	0	0
9/4/2023 14:40	62604 ENGL_T1	2	12	10	0.9	0.8	-0.1	0	0	0	0	0	0	0	0
9/4/2023 14:40	42701 AUGU_T1	24	37	13	0.66	0.55	-0.11	0	0	2	2	0	1800	1800	0
9/4/2023 14:40	49804 UNIV_T1	2	4	2	0.85	0.65	-0.2	0	0	0	0	0	0	0	0
9/4/2023 14:40	11102 EGYP_T1	21	29	8	1.31	1.46	0.15	0.75	0.69	0	0	0	0	0	0
9/4/2023 14:40	60101 COCA_T1	0	0	0	0	0	0	0	0	2	2	0	1800	1800	0
9/4/2023 14:41	45303 WBER_T2	4	2	-2	0.15	0.1	-0.05	0	0	0	0	0	0	0	0
9/4/2023 14:41	44503 HAMI_T2	2	8	6	0.35	0	-0.35	0	0	0	0	0	0	0	0
9/4/2023 14:41	62604 ENGL_T1	2	12	10	0.9	0.8	-0.1	0	0	0	0	0	0	0	0
9/4/2023 14:42	11104 EGYP_T1	22	41	19	0.85	0.74	-0.11	0.47	-0.42	1	1	0	900	900	0
9/4/2023 14:42	60803 BUCK_T1	7	19	12	0.31	0.27	-0.04	-0.01	0.06	1	1	0	600	600	0
9/4/2023 14:42	10805 CHHI_T2	127	90	-37	1.03	0.81	-0.22	-1.02	-1.01	2	2	0	1800	1800	0
9/4/2023 14:42	56504 ROCK_T2	52	68	16	0.7	0.74	0.04	0.89	0.93	0	0	0	0	0	0
9/4/2023 14:42	10801 CHHI_T1	210	217	7	1.6	2.16	0.56	-0.7	-0.73	3	3	0	2100	2100	0
9/4/2023 14:42	42701 AUGU_T1	24	37	13	0.66	0.55	-0.11	0	0	2	2	0	1800	1800	0
9/4/2023 14:43	11101 EGYP_T1	1	1	0	0.3	0.8	0.5	0	0	0	0	0	0	0	0
9/4/2023 14:43	44502 HAMI_T2	1	2	1	0.5	0.4	-0.1	0.71	0.7	0	0	0	0	0	0
9/4/2023 14:43	52404 GRPA_T2	0	3	3	0	0	0	0	0	0	0	0	0	0	0
9/4/2023 14:43	62604 ENGL_T1	2	12	10	0.9	0.8	-0.1	0	0	0	0	0	0	0	0
9/4/2023 14:43	53501 EVIL_T2	2	21	19	0.35	0.63	0.28	-1.07	-1.05	2	2	0	1200	1200	0
9/4/2023 14:44	52403 GRPA_T2	65	103	38	0.76	0.75	-0.01	0	0	0	0	0	0	0	0
9/4/2023 14:44	28403 HART_T2	0	1	1	0	0	0	-0.23	-1.08	1	1	0	900	900	0
9/4/2023 14:44	53502 EVIL_T2	2	3	1	0.3	0.5	0.2	0	0	0	0	0	0	0	0
9/4/2023 14:45	12701 MACU_T1	59	83	24	0.67	0.59	-0.08	-0.45	-0.45	1	1	0	1200	1200	0
9/4/2023 14:45	44502 HAMI_T2	1	2	1	0.2	0.4	0.2	0.71	0.7	0	0	0	0	0	0
9/4/2023 14:45	58401 MORO_T1	1	9	8	0.7	0.32	-0.38	0	0	0	0	0	0	0	0
9/4/2023 14:45	45003 LIME_2	102	40	-62	0.98	0.58	-0.4	0	0	2	2	0	1800	1800	0
9/4/2023 14:45	45001 LIME_2	119	126	7	0.97	1.01	0.04	0	0	0	0	0	0	0	0
9/4/2023 14:46	43201 MVIL_T2	30	33	3	0.57	0.64	0.07	0	0	0	0	0	0	0	0
9/4/2023 14:46	45003 LIME_2	102	40	-62	0.98	0.58	-0.4	0	0	4	4	0	3600	3600	0
9/4/2023 14:46	47101 MARL_T1	106	133	27	1.03	1.12	0.09	-0.47	-0.4	1	1	0	600	600	0
9/4/2023 14:46	52404 GRPA_T2	1	4	3	0.1	0.1	0	0	0	0	0	0	0	0	0
9/4/2023 14:47	65602 QVIL_T2	3	12	9	1.33	0.72	-0.61	0	0	0	0	0	0	0	0
9/4/2023 14:47	52402 GRPA_T2	79	88	9	0.58	0.56	-0.02	0	0	0	0	0	0	0	0
9/4/2023 14:47	52401 GRPA_T2	87	91	4	1.11	0.53	-0.58	0.11	0.11	0	0	0	0	0	0
9/4/2023 14:47	12701 MACU_T1	59	83	24	0.67	0.59	-0.08	-0.45	-0.45	1	1	0	1200	1200	0
9/4/2023 14:47	47402 PENS_T1	1	2	1	0.1	0.3	0.2	0	0	0	0	0	0	0	0
9/4/2023 14:48	65602 QVIL_T2	3	12	9	1.33	0.72	-0.61	0	0	0	0	0	0	0	0
9/4/2023 14:48	52401 GRPA_T2	87	91	4	1.11	0.53	-0.58	0	0	0	0	0	0	0	0
9/4/2023 14:48	45003 LIME_2	102	40	-62	0.98	0.58	-0.4	0	0	0	0	0	0	0	0
9/4/2023 14:48	58402 MORO_T1	1	9	8	0.4	0.42	0.02	-1.72	-1.74	4	4	0	2850	2850	0
9/4/2023 14:48	42901 MIDD_T2	5	21	16	0

9/4/2023 15:25	29402 BELT_T1	0	1	1	0	0	0	0	0	0	0	0	0	0
9/4/2023 15:27	44301 BEAV_T2	58	59	1	0.76	0.68	-0.08	-0.14	-0.18	1	1	0	600	600
9/4/2023 15:27	60701 BREC_T1	2	4	2	0.1	0.9	0.8	0.32	-0.19	1	2	1	600	1200
9/4/2023 15:28	40101 HUNT_T2	472	446	-26	1.47	0.92	-0.55	-0.63	-0.82	0	0	0	0	0
9/4/2023 15:30	25402 LAHA_T2	5	11	6	0.3	0.17	-0.13	-0.48	-0.48	0	0	0	0	0
9/4/2023 15:35	52404 GRPA_T2	2	6	4	0.2	0.1	-0.1	0	0	0	0	0	0	0
9/4/2023 15:37	42201 SHEN_T2	0	0	0	0	0	0	0.25	0.27	1	1	0	600	600
9/4/2023 15:38	56801 BENV_T1	6	10	4	0.43	0.23	-0.2	-0.32	-0.29	2	2	0	1200	1200
9/4/2023 15:39	51601 DUKE_T1	0	1	1	0	0	0	0	0	0	0	0	0	0
9/4/2023 15:39	56801 BENV_T1	6	10	4	0.43	0.23	-0.2	-0.32	-0.29	2	2	0	1200	1200
9/4/2023 15:40	52403 GRPA_T2	71	98	27	0.88	0.55	-0.33	-0.33	-0.34	0	0	0	0	0
9/4/2023 15:41	56803 BENV_T1	30	36	6	1.2	1.7	0.5	0.46	0.45	1	1	0	600	600
9/4/2023 15:41	56801 BENV_T1	6	10	4	0.43	0.23	-0.2	-0.64	-0.58	4	4	0	2400	2400
9/4/2023 15:41	62607 ENGL_T1	9	15	6	1.53	1.17	-0.36	0.02	0.02	2	2	0	1500	1500
9/4/2023 15:42	56801 BENV_T1	6	10	4	0.43	0.23	-0.2	-0.32	-0.29	2	2	0	1200	1200
9/4/2023 15:42	56801 BENV_T1	6	10	4	0.43	0.23	-0.2	-0.32	-0.29	2	2	0	1200	1200
9/4/2023 15:43	56801 BENV_T1	6	10	4	0.43	0.23	-0.2	-0.64	-0.58	4	4	0	2400	2400
9/4/2023 15:43	47001 HUGH_T2	0	0	0	0	0	0	-0.6	-0.54	1	1	0	900	900
9/4/2023 15:44	63401 HONY_T1	1	0	-1	0.2	0	-0.2	0.07	0.03	1	1	0	600	600
9/4/2023 15:48	41901 REED_T1	23	34	11	0.61	0.54	-0.07	0	0	0	0	0	0	0
9/4/2023 15:50	52404 GRPA_T2	5	2	-3	0.12	0.3	0.18	0	0	0	0	0	0	0
9/4/2023 15:50	44201 POIN_T1	32	35	3	0.42	0.51	0.09	-1.17	-1.19	2	2	0	2100	2100
9/4/2023 15:50	47403 PENS_T1	1	1	0	2.6	2.5	-0.1	0	0	0	0	0	0	0
9/4/2023 15:51	44201 POIN_T1	32	35	3	0.42	0.51	0.09	-2.35	-2.38	4	4	0	4200	4200
9/4/2023 15:52	47403 PENS_T1	1	1	0	2.6	2.5	-0.1	0	0	0	0	0	0	0
9/4/2023 15:52	44201 POIN_T1	32	35	3	0.42	0.51	0.09	-1.17	-1.19	2	2	0	2100	2100
9/4/2023 15:53	53601 DALM_T2	0	2	2	0	0.1	0.1	-0.21	-0.2	0	0	0	0	0
9/4/2023 15:54	67503 WEWI_T2	336	327	-9	1.12	0.98	-0.14	0.99	1	0	0	0	0	0
9/4/2023 15:57	56801 BENV_T1	1	18	17	0.5	0.21	-0.29	0	0	0	0	0	0	0
9/4/2023 15:58	47901 HRDG_T1	0	0	0	0	0	0	1	0.97	2	2	0	2400	2400
9/4/2023 16:00	64503 LAVI_T1	0	0	0	0	0	0	-1.22	-1.25	1	1	0	1200	1200
9/4/2023 16:00	40101 HUNT_T2	349	376	27	0.91	0.83	-0.08	-0.91	-0.93	0	0	0	0	0
9/4/2023 16:02	47403 PENS_T1	1	1	0	2.5	2.5	0	0	0	0	0	0	0	0
9/4/2023 16:03	47402 PENS_T1	2	3	1	1	1.2	0.2	0	0	0	0	0	0	0
9/4/2023 16:04	41902 REED_T1	141	166	25	0.74	0.6	-0.14	0.73	0.7	1	1	0	900	900
9/4/2023 16:05	62607 ENGL_T1	14	16	2	1.41	0.84	-0.57	0.02	0.02	2	2	0	1500	1500
9/4/2023 16:06	47403 PENS_T1	1	1	0	2.5	2.5	0	0	0	0	0	0	0	0
9/4/2023 16:10	56801 BENV_T1	10	25	15	0.22	0.33	0.11	-0.6	-0.52	4	4	0	2400	2400
9/4/2023 16:10	58803 COCO_T1	2	4	2	0.6	0.75	0.15	-0.31	-0.25	1	1	0	600	600
9/4/2023 16:12	56801 BENV_T1	10	25	15	0.22	0.33	0.11	-0.9	-0.79	6	6	0	3600	3600
9/4/2023 16:13	56803 BENV_T1	22	35	13	1.66	1.39	-0.27	0	0	0	0	0	0	0
9/4/2023 16:20	41901 REED_T1	25	55	30	0.52	0.54	0.02	0	0	0	0	0	0	0
9/4/2023 16:22	66703 STRA_T1	0	2	2	0	0	0	-0.01	-0.02	0	0	0	0	0
9/4/2023 16:36	55105 WERT_T1	6	6	0	0.38	0.4	0.02	0	0	0	0	0	0	0
9/4/2023 16:37	55103 WERT_T1	0	1	1	0	0	0	0	0	0	0	0	0	0
9/4/2023 16:38	55103 WERT_T1	0	1	1	0	0	0	0	0	0	0	0	0	0
9/4/2023 16:41	55103 WERT_T1	0	1	1	0	0	0	0	0	0	0	0	0	0
9/4/2023 16:41	53502 EVIL_T2	6	10	4	0.42	0.77	0.35	0	0	0	0	0	0	0
9/4/2023 16:41	11104 EGYP_T1	7	4	-3	1.13	0.33	-0.8	0	0	0	0	0	0	0
9/4/2023 16:44	40101 HUNT_T2	370	493	123	0.85	0.93	0.08	-0.92	-0.88	0	0	0	0	0
9/4/2023 16:45	11101 EGYP_T1	1	2	1	0.1	0.3	0.2	0	0	0	0	0	0	0
9/4/2023 16:52	65602 QVIL_T2	9	3	-6	0.76	1.8	1.04	0	0	0	0	0	0	0
9/4/2023 16:55	60504 NMAN_T2	0	2	2	0	0.3	0.3	0	0	0	0	0	0	0
9/4/2023 16:55	55102 WERT_T2	63	100	37	0.52	0.56	0.04	-1.1	-1.11	1	1	0	600	600
9/4/2023 16:56	61202 REIN_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
9/4/2023 17:00	46602 LACR_T1	6	5	-1	0.43	0	-0.43	0.75	0.63	0	0	0	0	0
9/4/2023 17:03	47402 PENS_T1	0	12	12	0	0.64	0.64	0	0	0	0	0	0	0
9/4/2023 17:05	47402 PENS_T1	0	12	12	0	0.64	0.64	0	0	0	0	0	0	0
9/4/2023 17:06	47403 PENS_T1	1	1	0	1.9	1.6	-0.3	0	0	0	0	0	0	0
9/4/2023 17:07	55103 WERT_T1	1	0	-1	0.1	0	-0.1	0	0	0	0	0	0	0
9/4/2023 17:08	55103 WERT_T1	1	0	-1	0.1	0	-0.1	0	0	0	0	0	0	0
9/4/2023 17:09	55105 WERT_T1	6	5	-1	0.35	0.45	0.1	0	0	0	0	0	0	0
9/4/2023 17:15	46602 LACR_T1	5	5	0	1.22	0	-1.22	0.63	0.63	0	0	0	0	0
9/4/2023 17:22	43401 BENT_T1	1	2	1	0.4	0	-0.4	0	0	0	0	0	0	0
9/4/2023 17:23	55101 WERT_T1	0	0	0	0	0	0	-1.88	-1.89	4	4	0	3300	3300
9/4/2023 17:24	55101 WERT_T1	0	0	0	0	0	0	-3.76	-3.77	8	8	0	6600	6600
9/4/2023 17:25	55101 WERT_T1	0	0	0	0	0	0	-1.88	-1.89	4	4	0	3300	3300
9/4/2023 18:09	60504 NMAN_T2	1	0	-1	0.1	0	-0.1	0	0	0	0	0	0	0
9/4/2023 18:13	61202 REIN_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
9/4/2023 18:15	43402 BENT_T1	6	3	-3	0.62	0.43	-0.19	-0.66	-0.66	1	1	0	900	900
9/4/2023 18:28	61202 REIN_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
9/4/2023 18:33	52404 GRPA_T2	2	3	1	1	0.6	-0.4	0	0	0	0	0	0	0
9/4/2023 18:33	61202 REIN_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
9/4/2023 19:28	61202 REIN_T1	2	5	3	0.2	0.18	-0.02	0	0	0	0	0	0	0
9/4/2023 20:12	56802 BENV_T2	0	1	1	0	0	0	-0.61	-0.61	0	0	0	0	0
9/4/2023 20:13	61202 REIN_T1	4	7	3	0.3	0.46	0.16	0	0	0	0	0	0	0
9/4/2023 20:33	67502 WEWI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
9/4/2023 21:09	16402 MOPO_T1	0	0	0	0	0	0	0.82	0.81	0	0	0	0	0
9/4/2023 21:22	42601 TUSC_T1	5	6	1	0.66	0.6	-0.06	0.26	0.22	2	2	0	1800	1800
9/4/2023 21:23	42601 TUSC_T1	5	6	1	0.66	0.6	-0.06	0.26	0.22	2	2	0	1800	1800
9/4/2023 21:28	29401 BELT_T1	0	0	0	0	0	0	0	0	1	1	0	900	900
9/4/2023 21:28	29402 BELT_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
9/4/2023 21:30	27502 WEIS_T2	13	7	-6	0.51	0.1	-0.41	-0.02	-0.04	0	0	0	0	0
9/4/2023 21:30	29402 BELT_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
9/4/2023 21:32	16302 ALPA_T2	0	0	0	0	0	0	-0.17	-0.21	0	0	0	0	0
9/4/2023 21:32	44201 POIN_T1	29	28	-1	0.49	0.46	-0.03	-1.56	-1.52	2	2	0	2100	2100
9/4/2023 21:32	11102 EGYP_T1	2	8	6	0.55	0.3	-0.25	0	0	0	0	0	0	0
9/4/2023 21:32	10805 CHHI_T2	19	37	18	1.44	1.06	-0.38	-0.27	-0.34	1	1	0	600	600
9/4/2023 21:33	17805 GILB_T2	0	0	0	0	0	0	-0.35	-0.45	0	0	0	0	0
9/4/2023 21:35	44901 SCOT_T2	0	0	0	0	0	0	-0.14	-0.13	0	0	0	0	0
9/4/2023 21:36	62606 ENGL_T1	10	15	5	1.43	1.69	0.26	0	0	0	0	0	0	0
9/4/2023 21:36	45901 AUBU_T1	28	40	12	0.28	0.31	0.03	0	0	0	0	0	0	0
9/4/2023 21:37	12701 MACU_T1	2	0	-2	0.75	0	-0.75	-0.69	-0.7	1	1	0	1200	1200
9/4/2023 21:37	56802 BENV_T2	1	1	0	0.5	0.5	0	-0.8	-0.16	0	0	0	0	0
9/4/2023 21:38	55102 WERT_T2	1	3	2	0.2	0.45	0.25	0.06	0.06	0	0	0	0	0
9/4/2023 21:38	43304 WATS_T2	33	14	-19	0.82	0.52	-0.3	0	0	0	0	0	0	0
9/4/2023 21:38	16302 ALPA_T2	0	0	0	0	0	0	-0.21	-0.2	0	0	0	0	0
9/4/2023 21:38	60604 NCOL_T2	0	0	0	0	0	0	0.57	0.51	0	0	0	0	0
9/4/2023 21:38	41602 CLEV_T1	0	0	0	0	0	0	0	0	1	1	0	600	600
9/4/2023 21:38	17804 GILB_T2	0	0	0	0	0	0	-0.3	-0.3	0	0	0	0	0
9/4/2023 21:39	23401 HONE_T2	1	1	0	0.4	0.5	0.1	-0.3	-0.37	0	0	0	0	0
9/4/2023 21:39	45002 LIME_2	0	1	1	0	0	0	0	0	0	0	0	0	0
9/4/2023 21:39	29401 BELT_T1	0	0	0	0	0	0	0	0	1	1	0	900	900
9/4/2023 21:40	67602 WARW_T2	0	0	0	0	0	0	1.04	1	0	0	0	0	0
9/4/2023 21:40	44502 HAMI_T2	1	1	0	2.3	2.5	0.2	0.3	0.29	0	0	0	0	0
9/4/2023 21:41	26603 BROO_T1	0	1	1	0	0	0	0.41	0.38	0	0	0	0	0
9/4/2023 21:41	55101 WERT_T1	0	0	0	0	0	0	-1.49	-1.46	3	3	0	2400	2400
9/4/2023 21:42	45002 LIME_2	0	1	1	0	0	0	0.01	0.01	0	0	0	0	0
9/4/2023 21:42	10801 CHHI_T1	40	43	3	0.54	0.34	-0.2	-1.15	-1.22	3	3	0	2100	2100
9/4/2023 21:43	43304 WATS_T2	33	14	-19	0.82	0.52	-0.3	-0.06	-0.11	0	0	0	0	0
9/4/2023 21:43	44201 POIN_T1	29	28	-1	0.49	0.46	-0.03	-1.52	-1.54	2	2	0	2100	2100
9/4/2023 21:43	42902 MIDD_T2	10	5	-5	0.6	0.35	-0.25	-0.96	-1	1	1	0	600	600
9/4/2023 21:43	40101 HUNT_T2	0	3	3	0	0.1	0.1	-1.16	-0.89	0	0	0	0	0
9/4/2023 21:43	41901 REED_T1	11	11	0	0.92	0.82	-0.1	-1.42	-1.41	1	1	0	900	900
9/4/2023 21:43	43001 ALWD_T1	0	6	6	0	0.12	0.12	0	0	0	0	0	0	0
9/4/2023 21:44	11102 EGYP_T1	2	8	6	0.55	0.3	-0.25	0	0	0	0	0	0	0
9/4/2023 21:44	58401 MORO_T1	0	0	0	0	0	0	-0.31	-0.33	1	1	0	600	600
9/4/2023 21:44	47901 HRDG_T1	0	0	0	0	0	0	3.11	3.2	0	0	0	0	0
9/4/2023 21:45	56801 BENV_T1	10	16	6	1.03	0.73	-0.3	-0.11	-0.16	1	1	0	600	600
9/4/2023 21:45	45003 LIME_2	4	2	-2	0.9	2.3	1.4	0	0	0	0	0	0	0
9/4/2023 21:45	40101 HUNT_T2	1	3	2	1	0	-1	-1.16	-0.89	0	0	0	0	0
9/4/2023 21:47	41602 CLEV_T1	0	0	0	0	0	0	0	0	1	1	0	600	600
9/4/2023 21:49	56801 BENV_T1	10	16	6	1.03	0.73	-0.3	-0.16	-0.19	1	1	0	600	600
9/4/2023 22:19	43402 BENT_T1	0	0	0	0	0	0	-0.75	-0.8	1	1	0	900	900
9/4/2023 22:29	43402 BENT_T1	0	0	0	0	0	0	-0.75	-0.8	1	1	0	900	900
9/4/2023 23:19	43402 BENT_T1	0	0	0	0	0	0	-0.8	-0.83	1	1	0	900	900
9/4/2023 23:21	20403 ASHF_T2	0	0	0	0	0	0	0.51	0.5	0	0	0	0	0
9/4/2023 23:29	43402 BENT_T1	0	0	0	0	0	0	-0.8	-0.83	1	1	0	900	900
9/5/2023 0:19	43402 BENT_T1	0	0	0	0	0	0	-0.83	-0.85	1	1	0	900	900
9/5/2023 0:28	56802 BENV_T2	0	0	0	0	0	0	-2.1	-2.16	0	0	0	0	0
9/5/2023 0:28	65902 SAKR_T2	0	0	0	0	0	0	-0.09	-0.07	1	1	0	300	300
9/5/2023 0:28	13606 RICH_T2	0	0	0	0	0	0	0.93	0.9	0	0	0	0	0
9/5/2023 0:28	60501 NMAN_T2	3	3	0	5.13	4.4	-0.73	0	0	0	0	0	0	0
9/5/2023 0:28	52401 GRPA_T2	0	0	0	0	0	0	-0.35	-0.34	0	0	0	0	0
9/5/2023 0:28	28403 HART_T2	0	0	0	0	0	0	-1.26	-1.24	2	2	0	1800	1800
9/5/2023 0:28	66703 STRA_T1	0	4	4	0	0.13	0.13	0.04	0	0	0	0	0	0
9/5/2023 0:28	55101 WERT_T1	0	0	0	0	0	0	-7.22	-7.34	12	12	0	9600	9600
9/5/2023 0:28	60101 COCA_T1	0	0	0	0	0	0	0.68	0.62	0	0	0	0	0
9/5/2023 0:28	67204 TEHI_T2	0	0	0	0	0	0	-0.22	-0.21	0	0	0	0	0
9/5/2023 0:28	45002 LIME_2	0	0	0	0	0	0	0	0	0	0	0	0	0
9/5/2023 0:28	52404 GRPA_T2	0	0	0	0	0	0	-0.5	-0.43	0	0	0	0	0
9/5/2023 0:28	45602 WOOL_T1	0	0	0	0	0	0	0.72	0.72	0	0	0	0	0
9/5/2023 0:28	45902 AUBU_T1	0	0	0	0	0	0	-0.49	-0.5	0	0	0	0	0
9/5/2023 0:28	56801 BENV_T1	9	12	3	0.64	0.88	0.24	-5.57	-6.47	13	13	0	7800	7800
9/5/2023 0:28	47001 HUGH_T2	0	0	0	0	0	0	-0.45	-0.51	0	0	0	0	0
9/5/2023 0:28	56803 BENV_T1	0	0	0	0	0	0	-0.08	-0.12	2	2	0	1200	1200
9/5/2023 0:28	16402 MOPO_T1	1	0	-1	0.7	0	-0.7	-0.23	-0.29	0	0	0	0	0
9/5/2023 0:28	59101 WALK_T2	1	1	0	0	0	0	-0.35	-0.59	0	0	0	0	0
9/5/2023 0:28	43301 WATS_T2	0	1	1	0	0.3	0.3	0	0	0	0	0	0	0
9/5/2023 0:28	56504 ROCK_T2	0	0	0	0	0	0	0.47	0.24	0	0	0	0	0
9/5/2023 0:28	15001 BLMO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
9/5/2023 0:28	12701 MACU_T1	0	0	0	0	0	0	-1.86	-1.9	2	2	0	2400	2400
9/5/2023 0:28	53903 HALI_T2	0	2	2	0	0.1	0.1	-0.12	-0.11	0	0	0	0	0
9/5/2023 0:28	60801 BUCK_T1	0	11	11	0	0.17	0.17	0	0	0	0	0	0	0
9/5/2023 0:28	25801 SUTR_T2	0	0	0	0	0	0	0.18	0.17	0	0	0	0	0
9/5/2023 0:28	40302 TAMA_T3	0	0	0	0	0	0	0.13	0.1	0	0	0	0	0
9/5/2023 0:28	56501 ROCK_T2	1	6	5	0.1	0.17	0.07	-2.08	-1.88	0	0	0	0	0
9/5/2023 0:28	44301 BEAV_T2	0	0	0	0	0	0	-0.07	-0.03	1	1	0	600	600
9/5/2023 0:28	58402 MORO_T1	0	0	0	0	0	0	-1.87	-1.93	3	3	0	2400	2400
9/5/2023 0:28	52403 GRPA_T2	0	0	0	0	0	0	-1.23	-1.26	0	0	0	0	0
9/5/2023 0:28	44201 POIN_T1	7	3	-4	0.33	0.1	-0.23	-3.59	-3.67	4	4	0	4200	4200
9/5/2023 0:28	61301 EARL_T1	0	0	0	0	0	0	-1.36	-1.36	2	2	0	1800	1800
9/5/2023 0:28	47401 PENS_T1	0	0	0	0	0	0	0.98	0.68	0	0	0	0	0
9/5/2023 0:28	45002 LIME_2	0	0	0	0	0	0	0	0	0	0	0	0	0
9/5/2023 0:28	44802 EDAN_T2	0	0	0	0	0	0	-3.91	-3.94	0	0	0	0	0
9/5/2023 0:28	51107 CARL_T1	0	0	0	0	0	0	-1.27	-1.13	0	0	0	0	0
9/5/2023 0:28	45302 WBER_T2	0	0	0	0	0	0	0.97	0.92	0	0	0	0	0
9/5/2023 0:28	11102 EGYP_T1	0	0	0	0	0	0	0.08	0.03	0	0	0	0	0
9/5/2023 0:28	64101 REFR_T1	0	0	0	0	0	0	1.76	1.63	0	0	0	0	0
9/5/2023 0:28	58402 MORO_T1	0	0	0	0	0	0	-1.87	-1.93	3	3	0	2400	2400
9/5/2023 0:28	44703 MUNC_T2	0	0	0	0	0	0	1	0.97	0	0	0	0	0
9/5/2023 0:28	44601 SALE_T2	0	0	0	0	0	0	0.1	0.09	0	0	0	0	0
9/5/2023 0:28	44203 POIN_T2	0	0	0	0	0	0	-0.67	-0.68	2	2	0	2100	2100
9/5/2023 0:28	64501 LAVI_T1	1	0	-1	2.1	0	-2.1	0	0	0	0	0	0	0
9/5/2023 0:28	42001 MNVL_T2	0	0	0	0	0	0	0.34	0.31	0	0	0	0	0
9/5/2023 0:28	44502 HAMI_T2	1	1	0	2.8	3.1	0.3	-0.02	-0.08	0	0	0	0	0
9/5/2023 0:28	49804 UNIV_T1	1	2	1	2	0.1	-1.9	0	0	0	0	0	0	0
9/5/2023 0:28	58803 COCO_T1	2	2	0	1	1.15	0.15	-0.66	-0.69	0	0	0	0	0
9/5/2023 0:28	63402 HONY_T2	1	1	0	1	0.7	-0.3	0	0	0	0	0	0	0
9/5/2023 0:28	62606 ENGL_T1	9	7	-2	0.4	0.37	-0.03	0	0	0	0	0	0	0
9/5/2023 0:28	17805 GILB_T2	0	0	0	0	0	0	0.2	0.18	0	0	0	0	0
9/5/2023 0:28	43202 MVIL_T2	0	0	0	0	0	0	-0.61	-0.61	0	0	0	0	0
9/5/2023 0:28	60701 BREC_T1	0	0	0	0	0	0	-0.18	-0.17	1	1	0	600	600
9/5/2023 0:28	46602 LACR_T1	0	0	0	0	0	0	-0.03	-0.05	0	0	0	0	0
9/5/2023 0:28	51603 DUKE_T1	0	0	0	0	0	0	0.22	0.11	0	0	0	0	0
9/5/2023 0:28	54701 NEBL_T1	0	0	0	0	0	0	0	0	2	2	0	1200	1200
9/5/2023 0:28	40101 HUNT_T2	0	0	0	0

9/5/2023 8:07	45902 AUBU_T1	0	0	0	0	0	0	-0.18	-0.18	1	1	0	600	600	0
9/5/2023 8:07	45902 AUBU_T1	0	0	0	0	0	0	-0.18	-0.18	1	1	0	600	600	0
9/5/2023 8:09	24101 EHAZ_T1	0	13	13	0	0	0	0.19	0.41	3	3	0	1800	1800	0
9/5/2023 8:18	54701 NEBL_T1	0	0	0	0	0	0	0	0	1	1	0	600	600	0
9/5/2023 8:21	67204 TEHI_T2	0	0	0	0	0	0	0.09	0.15	0	0	0	0	0	0
9/5/2023 8:22	67204 TEHI_T2	0	0	0	0	0	0	0.09	0.15	0	0	0	0	0	0
9/5/2023 8:25	43402 BENT_T1	0	0	0	0	0	0	-0.51	-0.53	1	1	0	900	900	0
9/5/2023 8:29	43402 BENT_T1	0	0	0	0	0	0	-0.51	-0.53	1	1	0	900	900	0
9/5/2023 8:37	67204 TEHI_T2	0	0	0	0	0	0	0.3	0.31	0	0	0	0	0	0
9/5/2023 8:42	53601 DALM_T2	1	1	0	0.3	0.6	0.3	-0.21	-0.34	1	1	0	900	900	0
9/5/2023 8:43	64702 LITI_T2	0	0	0	0	0	0	-0.29	-0.25	0	0	0	0	0	0
9/5/2023 8:46	64702 LITI_T2	0	0	0	0	0	0	-0.29	-0.25	0	0	0	0	0	0
9/5/2023 9:06	59101 WALK_T2	1	2	1	0	0	0	1.17	1.42	3	3	0	1650	1650	0
9/5/2023 9:14	45002 LIME_2	1	1	0	0.2	0.2	0	0	0	0	0	0	0	0	0
9/5/2023 9:15	45001 LIME_2	1	1	0	0.5	0.3	-0.2	0	0	0	0	0	0	0	0
9/5/2023 9:17	45002 LIME_2	1	1	0	0.2	0.2	0	0	0	0	0	0	0	0	0
9/5/2023 9:18	45002 LIME_2	1	1	0	0.2	0.2	0	0	0	0	0	0	0	0	0
9/5/2023 9:20	54701 NEBL_T1	0	0	0	0	0	0	0	0	1	1	0	600	600	0
9/5/2023 9:22	41902 REED_T1	0	0	0	0	0	0	0.37	0.34	0	0	0	0	0	0
9/5/2023 9:23	49803 UNIV_T1	0	0	0	0	0	0	-0.66	-0.59	0	0	0	0	0	0
9/5/2023 9:25	43402 BENT_T1	0	0	0	0	0	0	-1	-0.98	2	2	0	1500	1500	0
9/5/2023 9:28	61202 REIN_T1	5	28	23	0.28	0.34	0.06	0	0	0	0	0	0	0	0
9/5/2023 9:29	43402 BENT_T1	0	0	0	0	0	0	-1	-0.98	2	2	0	1500	1500	0
9/5/2023 9:31	11102 EGYP_T1	6	7	1	0.6	0.64	0.04	0	0	0	0	0	0	0	0
9/5/2023 9:45	43402 BENT_T1	0	0	0	0	0	0	-0.98	-0.95	2	2	0	1500	1500	0
9/5/2023 9:53	60101 COCA_T1	0	0	0	0	0	0	-0.32	-0.27	1	1	0	1200	1200	0
9/5/2023 10:00	20401 ASHF_T2	1	1	0	0.6	0	-0.6	0.27	0.33	1	1	0	600	600	0
9/5/2023 10:00	52403 GRPA_T2	3	2	-1	0.23	0.3	0.07	-0.54	-0.53	0	0	0	0	0	0
9/5/2023 10:00	52503 PROG_T2	0	0	0	0	0	0	-0.26	-0.21	1	1	0	900	900	0
9/5/2023 10:00	12606 MACA_T1	1	8	7	0.4	0	-0.4	0	0	0	0	0	0	0	0
9/5/2023 10:00	10602 BLGL_T2	1	1	0	7.5	8.2	0.7	1.91	0.84	0	0	0	0	0	0
9/5/2023 10:00	64801 MONE_T2	0	0	0	0	0	0	0.73	0.79	0	0	0	0	0	0
9/5/2023 10:00	45802 HEGI_T2	1	2	1	0.1	0	-0.1	0.23	0.24	2	2	0	1200	1200	0
9/5/2023 10:00	15604 NSTR_T1	0	0	0	0	0	0	0.33	0.36	0	0	0	0	0	0
9/5/2023 10:00	67604 WARW_T1	0	0	0	0	0	0	0.44	0.45	0	0	0	0	0	0
9/5/2023 10:07	47901 HRDG_T1	0	0	0	0	0	0	2.08	1.95	0	0	0	0	0	0
9/5/2023 10:09	23401 HONE_T2	0	0	0	0	0	0	0.1	0.19	0	0	0	0	0	0
9/5/2023 10:12	52402 GRPA_T2	1	1	0	3.3	3.1	-0.2	0	0	0	0	0	0	0	0
9/5/2023 10:15	52403 GRPA_T2	1	2	1	0.3	1.4	1.1	-0.53	0	0	0	0	0	0	0
9/5/2023 10:15	52404 GRPA_T2	0	0	0	0	0	0	0.44	0.51	0	0	0	0	0	0
9/5/2023 10:15	40101 HUNT_T2	38	66	28	0.44	0.45	0.01	-0.2	-0.26	0	0	0	0	0	0
9/5/2023 10:16	52402 GRPA_T2	1	1	0	3	3.1	0.1	0	0	0	0	0	0	0	0
9/5/2023 10:29	43402 BENT_T1	0	0	0	0	0	0	-1.02	-1.03	2	2	0	1500	1500	0
9/5/2023 10:38	45002 LIME_2	1	1	0	0.6	1.1	0.5	0	0	0	0	0	0	0	0
9/5/2023 10:40	45004 LIME_2	1	1	0	0.4	0	-0.4	0	0	0	0	0	0	0	0
9/5/2023 10:40	64305 LIMC_T1	1	2	1	1.3	0.55	-0.75	0	0	0	0	0	0	0	0
9/5/2023 10:41	45001 LIME_2	3	16	13	0.37	0.4	0.03	0	0	0	0	0	0	0	0
9/5/2023 11:03	56802 BENV_T2	0	0	0	0	0	0	-0.12	-0.15	0	0	0	0	0	0
9/5/2023 11:03	45902 AUBU_T1	0	1	1	0	0.3	0.3	0	0	0	0	0	0	0	0
9/5/2023 11:04	29401 BELT_T1	0	0	0	0	0	0	0	0	1	1	0	900	900	0
9/5/2023 11:04	56801 BENV_T1	2	2	0	0.65	0.45	-0.2	0	0	0	0	0	0	0	0
9/5/2023 11:05	45902 AUBU_T1	0	1	1	0	0.3	0.3	0.01	0.05	1	1	0	600	600	0
9/5/2023 11:05	10805 CHHI_T2	93	150	57	0.84	0.77	-0.07	-0.54	-0.39	2	2	0	1800	1800	0
9/5/2023 11:05	42701 AUGU_T1	0	0	0	0	0	0	0	0	2	2	0	1800	1800	0
9/5/2023 11:06	29401 BELT_T1	0	0	0	0	0	0	0	0	1	1	0	900	900	0
9/5/2023 11:06	24102 EHAZ_T1	3	2	-1	0.5	0.3	-0.2	0	0	0	0	0	0	0	0
9/5/2023 11:06	29401 BELT_T1	0	0	0	0	0	0	0	0	1	1	0	900	900	0
9/5/2023 11:07	53601 DALM_T2	0	1	1	0	0.4	0.4	-0.57	-0.42	2	2	0	1500	1500	0
9/5/2023 11:07	56802 BENV_T2	0	0	0	0	0	0	-0.15	-0.11	0	0	0	0	0	0
9/5/2023 11:07	42701 AUGU_T1	0	0	0	0	0	0	0	0	2	2	0	1800	1800	0
9/5/2023 11:08	53502 EVIL_T2	1	0	-1	1.1	0	-1.1	0	0	0	0	0	0	0	0
9/5/2023 11:08	60101 COCA_T1	0	0	0	0	0	0	-0.19	-0.16	1	1	0	1200	1200	0
9/5/2023 11:08	56802 BENV_T2	0	0	0	0	0	0	-0.6	-0.46	0	0	0	0	0	0
9/5/2023 11:08	45902 AUBU_T1	0	1	1	0	0.3	0.3	0.01	0.05	1	1	0	600	600	0
9/5/2023 11:09	52402 GRPA_T2	3	1	-2	0.9	2.8	1.9	0	0	0	0	0	0	0	0
9/5/2023 11:09	53501 EVIL_T2	2	0	-2	0.1	0	-0.1	-0.7	-0.78	4	4	0	2700	2700	0
9/5/2023 11:09	17804 GILB_T2	0	0	0	0	0	0	-0.31	-0.3	0	0	0	0	0	0
9/5/2023 11:09	56802 BENV_T2	0	0	0	0	0	0	-0.15	-0.11	0	0	0	0	0	0
9/5/2023 11:09	63403 HONY_T2	2	2	0	0.3	0	-0.3	0.35	0.3	1	1	0	600	600	0
9/5/2023 11:10	61304 EARL_T1	1	1	0	0.2	0	-0.2	0	0	0	0	0	0	0	0
9/5/2023 11:10	45004 LIME_2	0	1	1	0	0	0	0	0	0	0	0	0	0	0
9/5/2023 11:10	44502 HAMI_T2	1	1	0	1.3	1.2	-0.1	0.68	0.7	0	0	0	0	0	0
9/5/2023 11:10	52402 GRPA_T2	3	1	-2	0.9	2.8	1.9	0	0	0	0	0	0	0	0
9/5/2023 11:15	66505 SMAN_T2	0	0	0	0	0	0	0.39	0.33	4	4	0	2300	2300	0
9/5/2023 11:15	47101 MARL_T1	0	0	0	0	0	0	-0.18	-0.1	1	1	0	600	600	0
9/5/2023 11:15	64101 REFR_T1	0	3	3	0	0	0	0.01	0.01	0	0	0	0	0	0
9/5/2023 11:18	65902 SAKR_T2	0	0	0	0	0	0	-0.11	-0.08	2	2	0	1200	1200	0
9/5/2023 11:18	42902 MIDD_T2	1	4	3	1.4	0.6	-0.8	-1.2	-1.24	2	2	0	900	900	0
9/5/2023 11:18	42902 MIDD_T2	1	4	3	1.4	0.6	-0.8	-1.2	-1.24	2	2	0	900	900	0
9/5/2023 11:18	54701 NEBL_T1	2	2	0	0.25	0.3	0.05	0	0	1	1	0	600	600	0
9/5/2023 11:19	41903 REED_T1	4	4	0	0.98	1.28	0.3	0	0	0	0	0	0	0	0
9/5/2023 11:19	53501 EVIL_T2	0	1	1	0	0.4	0.4	-0.78	-0.84	4	4	0	2700	2700	0
9/5/2023 11:19	44502 HAMI_T2	1	1	0	1.2	1.1	-0.1	0.7	0.7	0	0	0	0	0	0
9/5/2023 11:19	17804 GILB_T2	0	1	1	0	0.5	0.5	0	0	0	0	0	0	0	0
9/5/2023 11:19	59101 WALK_T2	5	6	1	0.58	0.13	-0.45	0.86	1.41	3	4	1	1650	2250	600
9/5/2023 11:19	64101 REFR_T1	0	3	3	0	0	0	0.01	0.07	0	0	0	0	0	0
9/5/2023 11:19	66505 SMAN_T2	0	0	0	0	0	0	0.33	0.37	4	4	0	2300	2300	0
9/5/2023 11:19	66703 STRA_T1	0	0	0	0	0	0	0.8	0.79	0	0	0	0	0	0
9/5/2023 11:19	43304 WATS_T2	2	0	-2	0.15	0	-0.15	-0.4	-0.35	1	1	0	600	600	0
9/5/2023 11:20	28604 BLYT_T2	0	0	0	0	0	0	-0.89	-0.87	0	0	0	0	0	0
9/5/2023 11:21	16302 ALPA_T2	0	0	0	0	0	0	0.11	0.16	0	0	0	0	0	0
9/5/2023 11:21	43202 MVIL_T2	0	0	0	0	0	0	-0.35	-0.31	0	0	0	0	0	0
9/5/2023 11:21	44505 HAMI_T2	0	5	5	0	0	0	0	0	0	0	0	0	0	0
9/5/2023 11:21	46301 ROHR_T1	0	1	1	0	0	0	0	0	0	0	0	0	0	0
9/5/2023 11:22	59101 WALK_T2	5	6	1	0.58	0.13	-0.45	0.86	1.41	4	3	-1	2250	1650	-600
9/5/2023 11:25	52402 GRPA_T2	1	1	0	2.3	2.8	0.5	0	0	0	0	0	0	0	0
9/5/2023 11:25	59101 WALK_T2	5	6	1	0.58	0.13	-0.45	0.86	1.41	4	3	-1	2250	1650	-600
9/5/2023 11:25	28403 HART_T2	0	0	0	0	0	0	-0.48	-0.43	1	1	0	900	900	0
9/5/2023 11:33	59101 WALK_T2	4	18	14	0.13	0.75	0.62	0.86	1.41	4	3	-1	2250	1650	-600
9/5/2023 11:34	43304 WATS_T2	0	3	3	0	0	0	-0.35	-0.33	1	1	0	600	600	0
9/5/2023 11:34	67204 TEHI_T2	0	0	0	0	0	0	0.38	0.41	0	0	0	0	0	0
9/5/2023 11:34	16302 ALPA_T2	0	0	0	0	0	0	0.16	0.16	0	0	0	0	0	0
9/5/2023 11:34	54701 NEBL_T1	1	2	1	0.3	0.3	0	0	0	1	1	0	600	600	0
9/5/2023 11:35	41602 CLEV_T1	0	1	1	0	0	0	0	0	1	1	0	600	600	0
9/5/2023 11:35	43301 WATS_T2	0	0	0	0	0	0	-0.07	-0.1	1	1	0	900	900	0
9/5/2023 11:35	28604 BLYT_T2	0	0	0	0	0	0	-0.87	-0.83	0	0	0	0	0	0
9/5/2023 11:35	43301 WATS_T2	0	0	0	0	0	0	-0.07	-0.1	1	1	0	900	900	0
9/5/2023 11:35	67204 TEHI_T2	0	0	0	0	0	0	0.38	0.41	0	0	0	0	0	0
9/5/2023 11:35	45602 WOOL_T1	0	1	1	0	0	0	1.09	1.05	0	0	0	0	0	0
9/5/2023 11:35	59101 WALK_T2	4	18	14	0.13	0.75	0.62	4.22	4.11	12	9	-3	6750	4950	-1800
9/5/2023 11:36	26603 BROO_T1	0	1	1	0	0	0	0.5	0.54	0	0	0	0	0	0
9/5/2023 11:36	20402 ASHF_T2	3	6	3	0.1	0.13	0.03	0	0	0	0	0	0	0	0
9/5/2023 11:36	10805 CHHI_T2	149	160	11	0.87	0.77	-0.1	-0.38	-0.38	2	2	0	1800	1800	0
9/5/2023 11:36	41602 CLEV_T1	0	1	1	0	0	0	0	0	1	1	0	600	600	0
9/5/2023 11:37	16302 ALPA_T2	0	0	0	0	0	0	0.16	0.16	0	0	0	0	0	0
9/5/2023 11:39	60101 COCA_T1	0	0	0	0	0	0	-0.06	-0.05	1	1	0	1200	1200	0
9/5/2023 11:40	52404 GRPA_T2	0	1	1	0	0	0	0	0	0	0	0	0	0	0
9/5/2023 11:40	17804 GILB_T2	0	1	1	0	0.5	0.5	-0.29	-0.29	0	0	0	0	0	0
9/5/2023 11:41	17804 GILB_T2	0	1	1	0	0.5	0.5	0	0	0	0	0	0	0	0
9/5/2023 11:41	52404 GRPA_T2	0	1	1	0	0	0	0.19	0.22	0	0	0	0	0	0
9/5/2023 11:41	63402 HONY_T2	0	1	1	0	0.3	0.3	0	0	0	0	0	0	0	0
9/5/2023 11:41	52402 GRPA_T2	1	1	0	2.8	2.1	-0.7	0	0	0	0	0	0	0	0
9/5/2023 11:41	61301 EARL_T1	0	0	0	0	0	0	-1.12	-1.1	2	2	0	1800	1800	0
9/5/2023 11:42	52402 GRPA_T2	1	1	0	2.8	2.1	-0.7	0	0	0	0	0	0	0	0
9/5/2023 11:42	52403 GRPA_T2	3	2	-1	0.37	0.3	-0.07	0.06	0.08	0	0	0	0	0	0
9/5/2023 11:45	66703 STRA_T1	0	0	0	0	0	0	0.79	0.21	0	0	0	0	0	0
9/5/2023 11:45	54701 NEBL_T1	2	2	0	0.85	0.3	-0.55	0	0	1	1	0	600	600	0
9/5/2023 11:45	48302 ORWI_T2	1	1	0	0.2	0.2	0	-0.15	-0.12	0	0	0	0	0	0
9/5/2023 11:46	47401 PENS_T1	3	2	-1	0.73	0.35	-0.38	0.61	0.67	0	0	0	0	0	0
9/5/2023 11:48	45302 WBER_T2	0	0	0	0	0	0	0.58	0.6	0	0	0	0	0	0
9/5/2023 11:49	45302 WBER_T2	0	0	0	0	0	0	0.6	0.62	0	0	0	0	0	0
9/5/2023 11:49	49803 UNIV_T1	1	1	0	0.5	0.6	0.1	-0.21	-0.24	0	0	0	0	0	0
9/5/2023 11:50	45602 WOOL_T1	0	1	1	0	0	0	1.05	1.13	0	0	0	0	0	0
9/5/2023 11:51	20401 ASHF_T2	6	4	-2	0.5	0.35	-0.15	0	0	0	0	0	0	0	0
9/5/2023 11:52	11102 EGYP_T1	12	16	4	1.03	0.66	-0.37	0	0	0	0	0	0	0	0
9/5/2023 11:52	10801 CHHI_T1	106	94	-12	0.58	0.67	0.09	-0.79	-0.76	3	3	0	2100	2100	0
9/5/2023 11:52	10805 CHHI_T2	158	119	-39	0.88	0.76	-0.12	-0.38	-0.77	2	2	0	1800	1800	0
9/5/2023 11:53	53601 DALM_T2	0	2	2	0	0.7	0.7	-0.57	-0.5	2	2	0	1500	1500	0
9/5/2023 11:55	45003 LIME_2	6	6	0	0.33	0.35	0.02	0	0	1	1	0	1200	1200	0
9/5/2023 11:56	17805 GILB_T2	0	0	0	0	0	0	-0.01	0	0	0	0	0	0	0
9/5/2023 11:56	28403 HART_T2	0	0	0	0	0	0	-0.43	-0.41	1	1	0	900	900	0
9/5/2023 11:56	45004 LIME_2	1	0	-1	0.3	0	-0.3	0	0	0	0	0	0	0	0
9/5/2023 11:56	17804 GILB_T2	1	0	-1	0.5	0	-0.5	-0.29	-0.28	0	0	0	0	0	0
9/5/2023 11:57	45002 LIME_2	1	2	1	1.5	1.5	0	0	0	0	0	0	0	0	0
9/5/2023 11:57	47101 MARL_T1	0	0	0	0	0	0	-0.69	-0.65	1	1	0	600	600	0
9/5/2023 11:58	45003 LIME_2	6	6	0	0.33	0.35	0.02	0	0	1	1	0	1200	1200	0
9/5/2023 11:59	45003 LIME_2	6	6	0	0.33	0.35	0.02	0	0	1	1	0	1200	1200	0
9/5/2023 12:00	67204 TEHI_T2	0	0	0	0	0	0	0.41	0.41	0	0	0	0	0	0
9/5/2023 12:00	48302 ORWI_T2	1	1	0	0.1	0.2	0.1	-0.12	-0.1	0	0	0	0	0	0
9/5/2023 12:00	11101 EGYP_T1	4	5	1	0.45	1.2	0.75	0	0	0	0	0	0	0	0
9/5/2023 12:00	54701 NEBL_T1	1	7	6	0.3	0.5	0.2	0	0	2	2	0	1200	1200	0
9/5/2023 12:02	47403 PENS_T1	1	1	0	2	2.6	0.6	0	0	0	0	0	0	0	0
9/5/2023 12:05	28604 BLYT_T2	0	1	1	0	0	0	-0.83	-0.81	0	0	0	0	0	0
9/5/2023 12:06	67204 TEHI_T2	0	0	0	0	0	0	0.41	0.41	0	0	0	0	0	0
9/5/2023 12:08	10801 CHHI_T1	54	98	44	0.7	0.6	-0.1	-0.76	-0.84	3	3	0	2100	2100	0
9/5/2023 12:08	11101 EGYP_T1	4	5	1	0.45	1.2	0.75	0	0	0	0	0	0	0	0
9/5/2023 12:08	10805 CHHI_T2	117	76	-41	0.82	0.69	-0.13	-0.77	-0.65	2	2	0	1800	1800	0
9/5/2023 12:11	13503 MCMI_T2	0	0	0	0	0	0	0.11	0.13	0	0	0	0	0	0
9/5/2023 12:11	11104 EGYP_T1	5	6	1	1.8	1.56	-0.24	1.04	1.07	0	0	0	0	0	0
9/5/2023 12:12	63402 HONY_T2	1	1	0	0.3	0.3	0	0	0	0	0	0	0	0	0
9/5/2023 12:12	28403 HART_T2	0	0	0	0	0	0	-0.41	-0.41	1	1	0	900	900	0
9/5/2023 12:13	47401 PENS_T1	2	3	1	0.5	0.4	-0.1	0.74	0.75	0	0	0	0	0	0
9/5/2023 12:15	48302 ORWI_T2	1	1	0	0.2	0.1	-0.1	-0.1	-0.08	0	0	0	0	0	0
9/5/2023 12:16	54701 NEBL_T1	2	11	9	0.5	0.55	0.05	0	0	1	1	0	600	600	0
9/5/2023 12:18	64101 REFR_T1	3	7	4	0.2	0.93	0.73	0.09	0.1	0	0	0	0	0	0
9/5/2023 12:21	54701 NEBL_T1	2	11	9	0.5	0.55	0.05	0	0	1	1	0	600	600	0
9/5/2023 12:37	28604 BLYT_T2	0	0	0	0	0	0	-0.75	-0.76	0	0	0	0	0	0
9/5/2023 12:37	15001 BLMO_T1	3	5	2	0.37	1.15	0.78	0	0	0	0	0	0	0	0
9/5/2023 12:40	45003 LIME_2	3	40	37	0.47	0.33	-0.14	0	0	2	2	0	2400	2400	0
9/5/2023 12:41	45002 LIME_2	1	1	0	1.5	1.7	0.2	0	0	0	0	0	0	0	0
9/5/2023 12:43	45002 LIME_2	1	1	0	1.5	1.7	0.2	0	0	0	0	0	0	0	0
9/5/2023 12:44	45003 LIME_2	3	40	37	0.47	0.33	-0.14	0	0	1	1	0	1200	1200	0
9/5/2023 12:45	45002 LIME_2	1	1	0	1.7	2.2	0.5	0	0	0	0	0	0	0	0
9/5/2023 12:46	49803 UNIV_T1	1	1	0	0.5	0.5	0	-0.22	-0.15	0	0	0	0	0	0
9/5/2023 12:49	41602 CLEV_T1	2	5	3	0.4	0.2	-0.2	0	0	1	1	0	600	600	0
9/5/2023 12:53	41602 CLEV_T1	2	5	3	0.4	0.2	-0.2	0	0	1	1	0	600	600	0
9/5/2023 12:53	11104 EGYP_T1	5	5	0	1.5	0.86	-0.64	0.27	0.24	1	1	0	900	900	0
9/5/2023 12:54	17804 GILB_T2	0	0	0	0	0	0	-0.26	-0.24	0	0	0	0	0	0
9/5/2023 12:54

9/5/2023 14:12	53902 HALI_T2	0	0	0	0	0	0	-1.16	-1.2	0	0	0	0	0	0
9/5/2023 14:13	45002 LIME_2	2	3	1	1.45	1.3	-0.15	0.01	0.01	0	0	0	0	0	0
9/5/2023 14:13	48302 ORWI_T2	1	3	2	1	0.4	-0.6	0.1	0.12	0	0	0	0	0	0
9/5/2023 14:13	57306 MOAL_T2	1	1	0	8.1	8.3	0.2	0	0	0	0	0	0	0	0
9/5/2023 14:13	45002 LIME_2	2	3	1	1.45	1.3	-0.15	0.01	0.01	0	0	0	0	0	0
9/5/2023 14:14	45002 LIME_2	2	3	1	1.45	1.3	-0.15	0	0	0	0	0	0	0	0
9/5/2023 14:14	44703 MUNC_T2	15	18	3	0.64	0.53	-0.11	1.49	1.51	0	0	0	0	0	0
9/5/2023 14:14	43201 MVIL_T2	5	8	3	0.24	0.4	0.16	0	0	0	0	0	0	0	0
9/5/2023 14:14	56501 ROCK_T2	1	1	0	0.1	0.1	0	0	0	0	0	0	0	0	0
9/5/2023 14:14	46302 ROHR_T1	5	8	3	2.16	1.2	-0.96	0.48	0.48	0	0	0	0	0	0
9/5/2023 14:14	44203 POIN_T2	71	57	-14	0.53	0.43	-0.1	0.05	-0.08	3	3	0	3300	3300	0
9/5/2023 14:14	12701 MACU_T1	86	106	20	0.56	0.49	-0.07	-0.42	-0.43	1	1	0	1200	1200	0
9/5/2023 14:15	48303 ORWI_T2	0	1	1	0	0	0	0	0	0	0	0	0	0	0
9/5/2023 14:15	12704 MACU_T1	0	3	3	0	0	0	0	0	0	0	0	0	0	0
9/5/2023 14:16	65601 QVIL_T2	3	2	-1	0.73	0.5	-0.23	0	0	0	0	0	0	0	0
9/5/2023 14:16	49803 UNIV_T1	1	1	0	1.7	1.8	0.1	-0.01	-0.01	0	0	0	0	0	0
9/5/2023 14:17	45303 WBER_T2	0	1	1	0	0	0	0	0	0	0	0	0	0	0
9/5/2023 14:17	54701 NEBL_T1	83	75	-8	0.42	0.36	-0.06	0	0	1	1	0	600	600	0
9/5/2023 14:17	65902 SAKR_T2	2	2	0	0.4	0.6	0.2	-0.14	-0.07	2	2	0	1200	1200	0
9/5/2023 14:18	56504 ROCK_T2	9	10	1	0.8	0.25	-0.55	0.58	0.61	0	0	0	0	0	0
9/5/2023 14:18	65602 QVIL_T2	5	13	8	1.14	0.9	-0.24	0	0	0	0	0	0	0	0
9/5/2023 14:18	65903 SAKR_T2	1	1	0	0.5	0	-0.5	0	0	0	0	0	0	0	0
9/5/2023 14:18	67204 TEHI_T2	0	0	0	0	0	0	0.36	0.3	0	0	0	0	0	0
9/5/2023 14:18	45901 AUBU_T1	0	0	0	0	0	0	0.5	0.52	0	0	0	0	0	0
9/5/2023 14:19	56504 ROCK_T2	9	10	1	0.8	0.25	-0.55	0.61	0.61	0	0	0	0	0	0
9/5/2023 14:19	53601 DALM_T2	2	2	0	2.35	0.45	-1.9	-0.47	-1.09	2	2	0	1500	1500	0
9/5/2023 14:19	45902 AUBU_T1	0	9	9	0	0.6	0.6	0.09	0.16	2	2	0	1200	1200	0
9/5/2023 14:19	49803 UNIV_T1	1	1	0	1.7	1.8	0.1	0	0	0	0	0	0	0	0
9/5/2023 14:19	60803 BUCK_T1	2	11	9	0.65	0.67	0.02	-0.02	0.06	1	1	0	600	600	0
9/5/2023 14:20	45303 WBER_T2	0	1	1	0	0	0	0	0	0	0	0	0	0	0
9/5/2023 14:22	60701 BREC_T1	17	15	-2	0.72	1.18	0.46	0.41	0.69	2	2	0	1200	1200	0
9/5/2023 14:22	41602 CLEV_T1	57	63	6	0.61	0.37	-0.24	0	0	1	1	0	600	600	0
9/5/2023 14:23	44802 EDAN_T2	0	0	0	0	0	0	-2.62	-2.59	1	1	0	1200	1200	0
9/5/2023 14:23	20402 ASHF_T2	9	46	37	0.89	0.81	-0.08	0	0	0	0	0	0	0	0
9/5/2023 14:23	17804 GILB_T2	1	0	-1	0.1	0	-0.1	0	0	0	0	0	0	0	0
9/5/2023 14:24	40101 HUNT_T2	131	192	61	0.45	0.49	0.04	-1.71	-1.73	0	0	0	0	0	0
9/5/2023 14:24	44802 EDAN_T2	0	0	0	0	0	0	-2.62	-2.59	1	1	0	1200	1200	0
9/5/2023 14:24	45802 HEGI_T2	0	0	0	0	0	0	-0.36	0.52	2	2	0	1200	1200	0
9/5/2023 14:24	41602 CLEV_T1	57	63	6	0.61	0.37	-0.24	0	0	1	1	0	600	600	0
9/5/2023 14:24	60803 BUCK_T1	2	11	9	0.65	0.67	0.02	-0.02	0.06	1	1	0	600	600	0
9/5/2023 14:24	17804 GILB_T2	1	0	-1	0.1	0	-0.1	-0.21	-0.22	0	0	0	0	0	0
9/5/2023 14:25	53601 DALM_T2	2	2	0	2.35	0.45	-1.9	-0.47	-1.09	2	2	0	1500	1500	0
9/5/2023 14:25	45002 LIME_2	3	2	-1	1.23	1.3	0.07	0	0	0	0	0	0	0	0
9/5/2023 14:25	10801 CHHI_T1	117	185	68	0.66	0.66	0	-0.85	-0.77	3	3	0	2100	2100	0
9/5/2023 14:26	45003 LIME_2	47	40	-7	0.57	0.4	-0.17	0	0	1	1	0	1200	1200	0
9/5/2023 14:26	45001 LIME_2	153	129	-24	1.34	1.21	-0.13	0	0	0	0	0	0	0	0
9/5/2023 14:27	23401 HONE_T2	1	1	0	0.6	0.4	-0.2	0.34	0.36	0	0	0	0	0	0
9/5/2023 14:27	54701 NEBL_T1	83	75	-8	0.42	0.36	-0.06	0	0	1	1	0	600	600	0
9/5/2023 14:27	58401 MORO_T1	1	1	0	0.2	0.1	-0.1	0	0	0	0	0	0	0	0
9/5/2023 14:28	42902 MIDD_T2	12	43	31	0.77	0.74	-0.03	-0.13	-0.14	2	2	0	900	900	0
9/5/2023 14:28	42002 MNVL_T2	1	1	0	2.8	2.6	-0.2	0	0	0	0	0	0	0	0
9/5/2023 14:28	45002 LIME_2	3	2	-1	1.23	1.3	0.07	0.01	0.01	0	0	0	0	0	0
9/5/2023 14:28	45002 LIME_2	3	2	-1	1.23	1.3	0.07	0.01	0.01	0	0	0	0	0	0
9/5/2023 14:28	47001 HUGH_T2	0	0	0	0	0	0	-0.53	-0.5	1	1	0	900	900	0
9/5/2023 14:28	47403 PENS_T1	1	1	0	2.6	0.1	-2.5	0	0	0	0	0	0	0	0
9/5/2023 14:28	42901 MIDD_T2	5	3	-2	1	0.95	-0.05	0	0	0	0	0	0	0	0
9/5/2023 14:28	12704 MACU_T1	0	3	3	0	0	0	0	0	0	0	0	0	0	0
9/5/2023 14:28	13503 MCMI_T2	0	0	0	0	0	0	0.08	0.1	0	0	0	0	0	0
9/5/2023 14:28	41903 REED_T1	6	6	0	2.07	1.93	-0.14	0	0	0	0	0	0	0	0
9/5/2023 14:29	65902 SAKR_T2	2	2	0	0.4	0.6	0.2	0	0	0	0	0	0	0	0
9/5/2023 14:29	44702 MUNC_T2	4	4	0	0.48	0	-0.48	0	0	0	0	0	0	0	0
9/5/2023 14:29	12704 MACU_T1	0	3	3	0	0	0	0	0	0	0	0	0	0	0
9/5/2023 14:29	48303 ORWI_T2	0	1	1	0	0	0	0	0	0	0	0	0	0	0
9/5/2023 14:29	57306 MOAL_T2	1	1	0	9.2	7.3	-1.9	0	0	0	0	0	0	0	0
9/5/2023 14:29	45001 LIME_2	153	129	-24	1.34	1.21	-0.13	0	0	0	0	0	0	0	0
9/5/2023 14:29	41901 REED_T1	7	22	15	0.3	0.41	0.11	0	0	0	0	0	0	0	0
9/5/2023 14:29	47403 PENS_T1	1	1	0	2.6	0.1	-2.5	0	0	0	0	0	0	0	0
9/5/2023 14:30	47403 PENS_T1	1	1	0	0.1	2.6	2.5	0	0	0	0	0	0	0	0
9/5/2023 14:30	41902 REED_T1	70	35	-35	0.59	0.48	-0.11	0.81	0.82	0	0	0	0	0	0
9/5/2023 14:30	46301 ROHR_T1	0	1	1	0	0.2	0.2	0	0	0	0	0	0	0	0
9/5/2023 14:30	45001 LIME_2	129	131	2	1.54	1.21	-0.33	0	0	0	0	0	0	0	0
9/5/2023 14:30	43201 MVIL_T2	7	10	3	0.41	0.46	0.05	0	0	0	0	0	0	0	0
9/5/2023 14:30	44203 POIN_T2	54	32	-22	0.43	0.51	0.08	-0.08	0.07	3	3	0	3300	3300	0
9/5/2023 14:30	12704 MACU_T1	0	4	4	0	0.13	0.13	0	0	0	0	0	0	0	0
9/5/2023 14:31	65604 QVIL_T2	54	103	49	0.38	0.42	0.04	0.49	0.51	0	0	0	0	0	0
9/5/2023 14:31	48302 ORWI_T2	3	4	1	0.5	0.5	0	0.12	0.07	0	0	0	0	0	0
9/5/2023 14:31	49804 UNIV_T1	1	1	0	0.4	0	-0.4	0	0	0	0	0	0	0	0
9/5/2023 14:32	45303 WBER_T2	0	1	1	0	0	0	0	0	0	0	0	0	0	0
9/5/2023 14:33	65604 QVIL_T2	54	103	49	0.38	0.42	0.04	0.49	0.51	0	0	0	0	0	0
9/5/2023 14:33	45601 WOOL_T1	0	2	2	0	0	0	0	0	0	0	0	0	0	0
9/5/2023 14:33	65901 SAKR_T2	8	5	-3	0.43	0.43	0	0	0	0	0	0	0	0	0
9/5/2023 14:33	67204 TEHI_T2	0	0	0	0	0	0	0.3	0.35	0	0	0	0	0	0
9/5/2023 14:33	56802 BENV_T2	0	0	0	0	0	0	-0.5	-0.48	0	0	0	0	0	0
9/5/2023 14:34	65601 QVIL_T2	1	2	1	0.5	0	-0.5	0	0	0	0	0	0	0	0
9/5/2023 14:34	43304 WATS_T2	27	57	30	0.56	0.49	-0.07	-1.33	-1.25	2	2	0	1200	1200	0
9/5/2023 14:34	43402 BENT_T1	1	4	3	0.4	0.6	0.2	-0.82	-0.84	2	2	0	1500	1500	0
9/5/2023 14:34	20402 ASHF_T2	44	47	3	0.8	0.73	-0.07	0	0	0	0	0	0	0	0
9/5/2023 14:34	65603 QVIL_T2	8	32	24	0.48	0.27	-0.21	-0.08	-0.23	0	0	0	0	0	0
9/5/2023 14:34	66503 SMAN_T2	5	11	6	0.32	0	-0.32	0	0	0	0	0	0	0	0
9/5/2023 14:34	60803 BUCK_T1	4	34	30	0.63	0.74	0.11	0.06	0.13	1	1	0	600	600	0
9/5/2023 14:35	26603 BROO_T1	0	0	0	0	0	0	0.43	0.45	0	0	0	0	0	0
9/5/2023 14:35	49804 UNIV_T1	1	1	0	0.4	0	-0.4	2.21	2.32	0	0	0	0	0	0
9/5/2023 14:35	60803 BUCK_T1	4	34	30	0.63	0.74	0.11	0.06	0.13	1	1	0	600	600	0
9/5/2023 14:35	10801 CHHI_T1	146	202	56	0.67	0.87	0.2	-0.77	-0.8	3	3	0	2100	2100	0
9/5/2023 14:36	45303 WBER_T2	0	1	1	0	0	0	0	0	0	0	0	0	0	0
9/5/2023 14:37	60101 COCA_T1	0	0	0	0	0	0	0.11	0.14	1	1	0	1200	1200	0
9/5/2023 14:37	29402 BELT_T1	0	2	2	0	0	0	0	0	0	0	0	0	0	0
9/5/2023 14:38	11104 EGYP_T1	6	6	0	1.43	1.25	-0.18	0	0	0	0	0	0	0	0
9/5/2023 14:38	60701 BREC_T1	15	12	-3	1.05	0.72	-0.33	0.69	0.24	2	2	0	1200	1200	0
9/5/2023 14:39	44801 EDAN_T2	5	5	0	0.72	1.27	0.55	0	0	0	0	0	0	0	0
9/5/2023 14:40	10801 CHHI_T2	131	185	54	1.07	1.07	0	-0.38	-0.76	2	2	0	1800	1800	0
9/5/2023 14:40	44802 EDAN_T2	0	0	0	0	0	0	-2.59	-2.58	1	1	0	1200	1200	0
9/5/2023 14:40	53902 HALI_T2	0	0	0	0	0	0	-0.6	-0.6	0	0	0	0	0	0
9/5/2023 14:40	45802 HEGI_T2	0	0	0	0	0	0	0.52	-0.2	2	2	0	1200	1200	0
9/5/2023 14:40	12704 MACU_T1	0	4	4	0	0.13	0.13	0	0	0	0	0	0	0	0
9/5/2023 14:40	45004 LIME_2	0	2	2	0	0	0	0	0	0	0	0	0	0	0
9/5/2023 14:40	64503 LAVI_T1	0	0	0	0	0	0	-1.34	-1.24	2	2	0	2100	2100	0
9/5/2023 14:40	40101 HUNT_T2	165	249	84	0.55	0.5	-0.05	-1.73	-1.73	0	0	0	0	0	0
9/5/2023 14:41	45003 LIME_2	34	20	-14	0.4	0.53	0.13	0	0	3	3	0	3600	3600	0
9/5/2023 14:41	53902 HALI_T2	0	0	0	0	0	0	-0.6	-0.6	0	0	0	0	0	0
9/5/2023 14:42	63401 HONY_T1	0	0	0	0	0	0	0.53	0.49	1	1	0	600	600	0
9/5/2023 14:42	57304 MOAL_T2	12	15	3	0.33	0.3	-0.03	-0.6	-0.54	0	0	0	0	0	0
9/5/2023 14:42	23401 HONE_T2	1	1	0	0.6	0.4	-0.2	0.36	0.32	0	0	0	0	0	0
9/5/2023 14:43	54701 NEBL_T1	73	58	-15	0.36	0.38	0.02	0	0	1	1	0	600	600	0
9/5/2023 14:43	12704 MACU_T1	0	4	4	0	0.13	0.13	0	0	0	0	0	0	0	0
9/5/2023 14:43	53902 HALI_T2	0	0	0	0	0	0	-0.6	-0.6	0	0	0	0	0	0
9/5/2023 14:43	13503 MCMI_T2	0	0	0	0	0	0	0.1	0.09	0	0	0	0	0	0
9/5/2023 14:44	41901 REED_T1	18	14	-4	0.4	0.5	0.1	-0.75	-0.75	1	1	0	900	900	0
9/5/2023 14:44	45004 LIME_2	0	2	2	0	0	0	0	0	0	0	0	0	0	0
9/5/2023 14:44	47401 PENS_T1	3	5	2	0.47	0.7	0.23	1.79	1.72	0	0	0	0	0	0
9/5/2023 14:44	64101 REFR_T1	10	10	0	1.41	0.65	-0.76	0.27	0.31	0	0	0	0	0	0
9/5/2023 14:44	42902 MIDD_T2	16	43	27	0.74	0.65	-0.09	-0.14	-0.03	2	2	0	900	900	0
9/5/2023 14:44	12701 MACU_T1	105	101	-4	0.67	0.52	-0.15	-0.44	-0.49	1	1	0	1200	1200	0
9/5/2023 14:44	56504 ROCK_T2	6	10	4	0.25	0.48	0.23	1.22	1.26	0	0	0	0	0	0
9/5/2023 14:44	44201 POIN_T1	41	48	7	0.71	0.88	0.17	-1.23	-1.14	2	2	0	2100	2100	0
9/5/2023 14:44	45004 LIME_2	0	2	2	0	0	0	0	0	0	0	0	0	0	0
9/5/2023 14:45	43202 MVIL_T2	1	3	2	0.2	0.5	0.3	-0.22	-0.25	0	0	0	0	0	0
9/5/2023 14:45	44201 POIN_T1	48	46	-2	0.95	0.8	-0.15	-2.46	-2.29	4	4	0	4200	4200	0
9/5/2023 14:45	65603 QVIL_T2	31	16	-15	0.34	0.26	-0.08	0	0	0	0	0	0	0	0
9/5/2023 14:45	41903 REED_T1	6	6	0	2.17	1.63	-0.54	0	0	0	0	0	0	0	0
9/5/2023 14:45	44703 MUNC_T2	23	21	-2	0.52	0.45	-0.07	1.53	1.55	0	0	0	0	0	0
9/5/2023 14:45	48302 ORWI_T2	4	3	-1	0.45	0.7	0.25	0.07	0.07	0	0	0	0	0	0
9/5/2023 14:45	45002 LIME_2	0	2	2	0	1.3	1.3	0	0	0	0	0	0	0	0
9/5/2023 14:45	47403 PENS_T1	0	1	1	0	2.6	2.6	0	0	0	0	0	0	0	0
9/5/2023 14:45	56501 ROCK_T2	4	29	25	0.28	0.2	-0.08	0	0	0	0	0	0	0	0
9/5/2023 14:45	65901 SAKR_T2	5	4	-1	0.42	0.2	-0.22	0.16	0.13	2	2	0	1500	1500	0
9/5/2023 14:45	61202 REIN_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9/5/2023 14:46	47401 PENS_T1	5	5	0	0.32	0.7	0.38	0.9	0.86	0	0	0	0	0	0
9/5/2023 14:46	44203 POIN_T2	31	18	-13	0.57	0.67	0.1	0.07	-0.13	3	3	0	3300	3300	0
9/5/2023 14:46	46302 ROHR_T1	3	7	4	1.33	1.3	-0.03	0.45	0.49	0	0	0	0	0	0
9/5/2023 14:46	45303 WBER_T2	1	0	-1	0.2	0	-0.2	0	0	0	0	0	0	0	0
9/5/2023 14:46	48302 ORWI_T2	4	3	-1	0.45	0.7	0.25	0.07	0.07	0	0	0	0	0	0
9/5/2023 14:47	65601 QVIL_T2	2	0	-2	0.45	0	-0.45	0	0	0	0	0	0	0	0
9/5/2023 14:47	59101 WALK_T2	7	3	-4	0.5	0.2	-0.3	0.72	0.63	5	2	-3	2850	1050	-1800
9/5/2023 14:47	49803 UNIV_T1	1	1	0	1.5	1.4	-0.1	-0.05	-0.02	0	0	0	0	0	0
9/5/2023 14:48	65603 QVIL_T2	31	16	-15	0.34	0.26	-0.08	0	0	0	0	0	0	0	0
9/5/2023 14:48	56504 ROCK_T2	10	11	1	0.91	0.53	-0.38	0.61	0.63	0	0	0	0	0	0
9/5/2023 14:48	45302 WBER_T2	7	9	2	0.44	0.25	-0.19	0.73	0.75	0	0	0	0	0	0
9/5/2023 14:48	43301 WATS_T2	1	9	8	0.1	0.4	0.3	0	0	0	0	0	0	0	0
9/5/2023 14:48	15001 BLMO_T1	21	22	1	0.49	0.52	0.03	0	0	0	0	0	0	0	0
9/5/2023 14:49	59101 WALK_T2	7	3	-4	0.5	0.2	-0.3	1.25	2.17	10	4	-6	5700	2100	-3600
9/5/2023 14:49	43301 WATS_T2	1	9	8	0.1	0.4	0.3	0.1	0.13	1	1	0	900	900	0
9/5/2023 14:49	66503 SMAN_T2	0	13	13	0	0.36	0.36	0	0	0	0	0	0	0	0
9/5/2023 14:49	65601 QVIL_T2	2	0	-2	0.45	0	-0.45	0	0	0	0	0	0	0	0
9/5/2023 14:49	43301 WATS_T2	1	9	8	0.1	0.4	0.3	0.1	0.13	1	1	0	900	900	0
9/5/2023 14:49	65902 SAKR_T2	2	3	1	0.7	0.5	-0.2	-0.02	-0.09	2	2	0	1200	1200	0
9/5/2023 14:49	67204 TEHI_T2	0	0	0	0	0	0	0.43	1.07	0	0	0	0	0	0
9/5/2023 14:49	15001 BLMO_T1	21	22	1	0.49	0.52	0.03	0	0	0	0	0	0	0	0
9/5/2023 14:49	67602 WARW_T2	0	6	6	0	0.8	0.8	0.59	0.62	1	1	0	300	300	0
9/5/2023 14:50	59101 WALK_T2	7	3	-4	0.5	0.2	-0.3	0.63	1.08	5	2	-3	2850	1050	-1800
9/5/2023 14:50	66504 SMAN_T2	7	9	2	0.31	0.46	0.15	0	0	0	0	0	0	0	0
9/5/2023 14:50	45902 AUBU_T1	9	4	-5	0.56	0.47	-0.09	0.22	0.46	2	2	0	1200	1200	0
9/5/2023 14:50	43304 WATS_T2	45	58	13	0.52	0.49	-0.03	-1.25	-1.21	2	2	0	1200	1200	0
9/5/2023 14:50	65603 QVIL_T2	31	16	-15	0.34	0.26	-0.08	0	0	0	0	0	0	0	0
9/5/2023 14:50	49803 UNIV_T1	1	1	0	1.5	1.4	-0.1	0	0	0	0	0	0	0	0
9/5/2023 14:53	51107 CARL_T1	0	0	0	0	0	0	-0.17	-0.27	0	0	0	0	0	0
9/5/2023 14:54	53902 HALI_T2	0	0	0	0	0	0	-0.6	-0.56	0	0	0	0	0	0
9/5/2023 14:54	25402 LAHA_T2	5	10	5	0.14	0.31	0.17	-0.49	-0.51	0	0	0	0	0	0
9/5/2023 14:55	61301 EARL_T1	0	0	0	0	0	0	-1.05	-1.04	2	2	0	1800	1800	0
9/5/2023 14:55	63402 HONY_T2	1	1	0	0.2	0.6	0.4	0	0	0	0	0	0	0	0
9/5/2023 14:55	52404 GRPA_T2	9	8	-1	0.42	0	-0.42	0	0	0	0	0	0	0	0
9/5/2023 14:55	52401 GRPA_T2	56	52	-4	0.48	0.55	0.07	-0.02	0	0	0	0	0	0	0
9/5/2023 14:55	17805 GILB_T2	0	0	0	0	0	0	0.19	0.23	0	0	0	0	0	0
9/5/2023 14:55	17805 GILB_T2	0	0	0	0	0	0	0.19	0.23	0	0	0	0	0	0
9/5/2023 14:55	61301 EARL_T1	0	0	0	0	0	0	-1.05	-1.04	2	2	0	1800	1800	0
9/5/2023 14:56	52403 GRPA_T2	86	163	77	0.63	0.56	-0.07	-0.29	-0.3	0	0	0

9/5/2023 16:08	41801 GOCI_T2	1	3	2	1	0.37	-0.63	0	0	1	1	0	900	900	0
9/5/2023 16:09	47901 HRDG_T1	0	0	0	0	0	0	2.09	3.5	2	2	0	2400	2400	0
9/5/2023 16:10	11102 EGYP_T1	35	44	9	0.93	0.93	0	0.8	0.83	0	0	0	0	0	0
9/5/2023 16:14	64101 REFR_T1	11	12	1	1.35	0.53	-0.82	0.36	0.35	0	0	0	0	0	0
9/5/2023 16:14	58402 MORO_T1	1	2	1	2.6	0	-2.6	-1.57	-2	6	6	0	3750	3750	0
9/5/2023 16:15	64101 REFR_T1	10	12	2	0.54	0.61	0.07	0.36	0.35	0	0	0	0	0	0
9/5/2023 16:16	58402 MORO_T1	1	5	4	0.3	0	-0.3	-1.57	-2	6	6	0	3750	3750	0
9/5/2023 16:16	54001 SDLE_T1	2	3	1	0.4	0.4	0	0	0	2	2	0	1200	1200	0
9/5/2023 16:17	64101 REFR_T1	10	12	2	0.54	0.61	0.07	0.36	0.35	0	0	0	0	0	0
9/5/2023 16:19	54001 SDLE_T1	2	3	1	0.4	0.4	0	0	0	1	1	0	600	600	0
9/5/2023 16:32	64101 REFR_T1	12	15	3	0.54	0.72	0.18	0.35	0.35	0	0	0	0	0	0
9/5/2023 16:33	87502 WEWI_T2	45	43	-2	0.8	0.73	-0.07	0	0	0	0	0	0	0	0
9/5/2023 16:33	55105 WERT_T1	1	7	6	0.3	0.3	0	0	0	0	0	0	0	0	0
9/5/2023 16:34	56801 BENV_T1	6	9	3	0.72	1.4	0.68	-0.3	-0.31	2	2	0	1200	1200	0
9/5/2023 16:34	55105 WERT_T1	1	7	6	0.3	0.3	0	0	0	0	0	0	0	0	0
9/5/2023 16:35	56803 BENV_T1	29	35	6	1.3	1.06	-0.24	0	0	0	0	0	0	0	0
9/5/2023 16:35	55102 WERT_T2	158	204	46	0.66	0.62	-0.04	-1.09	-1.08	1	1	0	600	600	0
9/5/2023 16:36	55101 WERT_T1	93	39	-54	0.66	0.62	-0.04	-1.59	-1.63	4	4	0	3300	3300	0
9/5/2023 16:36	56803 BENV_T1	29	35	6	1.3	1.06	-0.24	0	0	0	0	0	0	0	0
9/5/2023 16:39	40101 HUNT_T2	291	481	190	0.75	0.83	0.08	-1.11	-1.04	0	0	0	0	0	0
9/5/2023 16:39	46602 LACR_T1	1	0	-1	0.3	0	-0.3	0.74	0.74	0	0	0	0	0	0
9/5/2023 16:39	55101 WERT_T1	93	39	-54	0.66	0.62	-0.04	-1.59	-1.63	4	4	0	3300	3300	0
9/5/2023 16:43	23401 HONE_T2	4	4	0	0.68	1.4	0.72	0.31	0.33	0	0	0	0	0	0
9/5/2023 16:51	15001 BLMO_T1	50	75	25	0.51	0.46	-0.05	0	0	0	0	0	0	0	0
9/5/2023 16:58	64101 REFR_T1	10	11	1	0.92	0.6	-0.32	0.35	0.33	0	0	0	0	0	0
9/5/2023 17:02	66503 SMAN_T2	53	39	-14	0.65	0.73	0.08	1.53	1.62	0	0	0	0	0	0
9/5/2023 17:02	61202 REIN_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9/5/2023 17:16	47401 PENS_T1	58	57	-1	0.51	0.65	0.14	0.94	0.93	0	0	0	0	0	0
9/5/2023 17:17	47401 PENS_T1	58	57	-1	0.51	0.65	0.14	0.94	0.93	0	0	0	0	0	0
9/5/2023 17:18	47402 PENS_T1	1	10	9	0.4	0.3	-0.1	0	0	0	0	0	0	0	0
9/5/2023 17:28	61202 REIN_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9/5/2023 17:28	43201 MVIL_T2	30	44	14	0.61	0.66	0.05	0	0	0	0	0	0	0	0
9/5/2023 17:35	56803 BENV_T1	47	42	-5	1.07	0.88	-0.19	0	0	0	0	0	0	0	0
9/5/2023 17:44	43201 MVIL_T2	40	54	14	0.77	0.67	-0.1	0	0	0	0	0	0	0	0
9/5/2023 18:18	43401 BENT_T1	1	1	0	3.2	0.8	-2.4	0	0	0	0	0	0	0	0
9/5/2023 18:18	61202 REIN_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9/5/2023 18:29	43401 BENT_T1	1	1	0	3.2	0.8	-2.4	0	0	0	0	0	0	0	0
9/5/2023 18:33	61202 REIN_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9/5/2023 19:08	61202 REIN_T1	0	3	3	0	0.1	0.1	0	0	0	0	0	0	0	0
9/5/2023 19:18	43402 BENT_T1	10	13	3	0.9	0.75	-0.15	-0.68	-0.68	1	1	0	900	900	0
9/5/2023 19:29	43402 BENT_T1	10	13	3	0.9	0.75	-0.15	-0.68	-0.68	1	1	0	900	900	0
9/5/2023 19:39	15001 BLMO_T1	2	0	-2	0.3	0	-0.3	0	0	0	0	0	0	0	0
9/5/2023 20:08	15001 BLMO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9/5/2023 20:18	43402 BENT_T1	13	6	-7	0.55	0.48	-0.07	-0.68	-0.69	1	1	0	900	900	0
9/5/2023 20:20	47901 HRDG_T1	0	0	0	0	0	0	1.64	1.63	1	1	0	1200	1200	0
9/5/2023 20:29	43402 BENT_T1	13	6	-7	0.55	0.48	-0.07	-0.69	-0.7	1	1	0	900	900	0
9/5/2023 20:43	61202 REIN_T1	3	12	9	0.2	0.38	0.18	0	0	0	0	0	0	0	0
9/5/2023 21:08	56802 BENV_T2	0	0	0	0	0	0	-0.66	-0.75	0	0	0	0	0	0
9/5/2023 21:18	43402 BENT_T1	4	1	-3	0.4	0	-0.4	-0.72	-0.73	1	1	0	900	900	0
9/5/2023 21:28	17805 GLB_T2	0	0	0	0	0	0	-0.37	-0.42	0	0	0	0	0	0
9/5/2023 21:28	61303 EARL_T1	0	1	1	0	0	0	0	0	0	0	0	0	0	0
9/5/2023 21:29	48302 ORWI_T2	2	2	0	0.5	0.75	0.25	-0.3	-0.34	0	0	0	0	0	0
9/5/2023 21:29	10805 CHHI_T2	16	16	0	0.66	7.9	7.24	-0.92	-1.12	2	2	0	1800	1800	0
9/5/2023 21:29	63402 HONY_T2	1	1	0	0.1	0.5	0.4	0	0	0	0	0	0	0	0
9/5/2023 21:29	29402 BELT_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9/5/2023 21:31	29401 BELT_T1	2	0	-2	0.1	0	-0.1	0	0	0	0	0	0	0	0
9/5/2023 21:33	56801 BENV_T1	12	20	8	0.38	0.86	0.48	0	0	0	0	0	0	0	0
9/5/2023 21:33	25402 LAHA_T2	71	114	43	0.21	0.4	0.19	-0.64	-0.65	0	0	0	0	0	0
9/5/2023 21:33	45902 AUBU_T1	1	14	13	0.5	0.31	-0.19	0	0	0	0	0	0	0	0
9/5/2023 21:33	65604 QVIL_T2	0	0	0	0	0	0	0.27	0.79	0	0	0	0	0	0
9/5/2023 21:33	60701 BREC_T1	0	1	1	0	0	0	-0.03	-0.1	2	1	-1	1200	600	-600
9/5/2023 21:33	13503 MCMI_T2	0	0	0	0	0	0	0.08	0.07	0	0	0	0	0	0
9/5/2023 21:34	58402 MORO_T1	0	0	0	0	0	0	-1.59	-1.64	4	4	0	2850	2850	0
9/5/2023 21:34	65901 SAKR_T2	0	0	0	0	0	0	-0.1	-0.11	2	2	0	1500	1500	0
9/5/2023 21:34	46602 LACR_T1	0	0	0	0	0	0	0.52	0.42	0	0	0	0	0	0
9/5/2023 21:34	59101 WALK_T2	1	3	2	0	0	0	0.59	0.65	3	3	0	1650	1650	0
9/5/2023 21:34	55101 WERT_T1	0	0	0	0	0	0	-2.18	-2.24	4	4	0	3300	3300	0
9/5/2023 21:34	65603 QVIL_T2	1	0	-1	0.2	0	-0.2	-0.63	-0.61	0	0	0	0	0	0
9/5/2023 21:35	11104 EGYP_T1	0	2	2	0	0.4	0.4	0	0	0	0	0	0	0	0
9/5/2023 21:35	52401 GRPA_T2	1	1	0	0.2	0.2	0	0	0	0	0	0	0	0	0
9/5/2023 21:35	66703 STRA_T1	0	0	0	0	0	0	0.38	0.4	0	0	0	0	0	0
9/5/2023 21:35	61303 EARL_T1	0	1	1	0	0	0	0	0	0	0	0	0	0	0
9/5/2023 21:35	24101 EHAZ_T1	31	35	4	1.21	0.88	-0.33	0.69	0.68	1	1	0	600	600	0
9/5/2023 21:35	59101 WALK_T2	1	3	2	0	0	0	0.59	0.65	3	3	0	1650	1650	0
9/5/2023 21:36	56504 ROCK_T2	2	5	3	0.8	1.2	0.4	0.27	0.26	0	0	0	0	0	0
9/5/2023 21:36	65604 QVIL_T2	0	0	0	0	0	0	0.79	0.77	0	0	0	0	0	0
9/5/2023 21:36	25801 SUTR_T2	0	0	0	0	0	0	-0.23	0.34	0	0	0	0	0	0
9/5/2023 21:37	12701 MACU_T1	0	0	0	0	0	0	-0.74	-0.74	1	1	0	1200	1200	0
9/5/2023 21:38	52403 GRPA_T2	11	7	-4	0.42	0.35	-0.07	-0.21	-0.21	0	0	0	0	0	0
9/5/2023 21:38	52403 GRPA_T2	11	7	-4	0.42	0.35	-0.07	-0.21	-0.21	0	0	0	0	0	0
9/5/2023 21:38	47403 PENS_T1	0	1	1	0	2.7	2.7	0	0	0	0	0	0	0	0
9/5/2023 21:38	56801 BENV_T1	12	20	8	0.38	0.86	0.48	-0.15	-0.16	1	1	0	600	600	0
9/5/2023 21:38	42903 MIDD_T2	2	2	0	0.3	1.2	0.9	0	0	0	0	0	0	0	0
9/5/2023 21:38	45602 WOOL_T1	0	0	0	0	0	0	1.07	1.03	0	0	0	0	0	0
9/5/2023 21:38	53903 HALI_T2	2	2	0	0.15	0.4	0.25	0	0	0	0	0	0	0	0
9/5/2023 21:38	53501 EVIL_T2	0	1	1	0	0	0	-1.13	-0.94	3	3	0	1800	1800	0
9/5/2023 21:39	53902 HALI_T2	0	0	0	0	0	0	-0.82	-0.85	0	0	0	0	0	0
9/5/2023 21:39	45004 LIME_2	0	1	1	0	0	0	0	0	0	0	0	0	0	0
9/5/2023 21:39	53501 EVIL_T2	0	1	1	0	0	0	-1.13	-0.94	3	3	0	1800	1800	0
9/5/2023 21:39	43301 WATS_T2	0	1	1	0	0.7	0.7	0	0	0	0	0	0	0	0
9/5/2023 21:39	54001 SDLE_T1	1	1	0	0.5	0.8	0.3	0	0	0	0	0	0	0	0
9/5/2023 21:39	66505 SMAN_T2	0	2	2	0	0.1	0.1	0.05	0.04	3	3	0	2100	2100	0
9/5/2023 21:39	60701 BREC_T1	0	1	1	0	0	0	-0.1	0.17	1	1	0	600	600	0
9/5/2023 21:40	61303 EARL_T1	0	1	1	0	0	0	0	0	0	0	0	0	0	0
9/5/2023 21:40	52403 GRPA_T2	11	7	-4	0.42	0.35	-0.07	0	0	0	0	0	0	0	0
9/5/2023 21:40	16302 ALPA_T2	0	0	0	0	0	0	-0.06	0.01	0	0	0	0	0	0
9/5/2023 21:40	45003 LIME_2	2	3	1	2.1	2.3	0.2	0	0	2	2	0	2400	2400	0
9/5/2023 21:40	55102 WERT_T2	0	0	0	0	0	0	0.03	0.02	0	0	0	0	0	0
9/5/2023 21:40	60803 BUCK_T1	0	0	0	0	0	0	-0.58	-0.59	1	1	0	600	600	0
9/5/2023 21:40	45902 AUBU_T1	1	14	13	0.5	0.31	-0.19	-0.51	-0.58	1	1	0	600	600	0
9/5/2023 21:40	43304 WATS_T2	32	22	-10	0.56	0.46	-0.1	-0.57	-0.65	0	0	0	0	0	0
9/5/2023 21:40	10801 CHHI_T1	36	8	-28	0.54	0	-0.54	-1.15	-1.15	3	3	0	2100	2100	0
9/5/2023 21:40	23401 HONE_T2	1	1	0	0.5	0	-0.5	0.13	0.08	0	0	0	0	0	0
9/5/2023 21:40	56501 ROCK_T2	29	0	-29	0.21	0	-0.21	0	0	0	0	0	0	0	0
9/5/2023 21:40	64503 LAVI_T1	0	0	0	0	0	0	-1.04	-0.94	1	1	0	1200	1200	0
9/5/2023 21:41	15001 BLMO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9/5/2023 21:41	59101 WALK_T2	1	3	2	0	0	0	0.59	0.65	3	3	0	1650	1650	0
9/5/2023 21:41	53601 DALM_T2	0	1	1	0	0.7	0.7	-0.17	-0.2	1	1	0	600	600	0
9/5/2023 21:42	51107 CARL_T1	0	0	0	0	0	0	0.54	0.48	0	0	0	0	0	0
9/5/2023 21:42	59101 WALK_T2	1	3	2	0	0	0	0.59	0.65	3	3	0	1650	1650	0
9/5/2023 21:43	55101 WERT_T1	0	0	0	0	0	0	-4.37	-4.49	8	8	0	6600	6600	0
9/5/2023 21:43	66504 SMAN_T2	1	0	-1	0.3	0	-0.3	0	0	0	0	0	0	0	0
9/5/2023 21:43	47001 HUGH_T2	24	7	-17	0.29	0.26	-0.03	-1.24	-0.25	1	0	-1	900	0	-900
9/5/2023 21:43	48302 ORWI_T2	2	2	0	0.7	1.15	0.45	-0.34	-0.36	0	0	0	0	0	0
9/5/2023 21:43	54001 SDLE_T1	1	1	0	0.5	0.8	0.3	0	0	0	0	0	0	0	0
9/5/2023 21:43	56501 ROCK_T2	29	0	-29	0.21	0	-0.21	0	0	0	0	0	0	0	0
9/5/2023 21:43	42002 MNVL_T2	1	1	0	1.1	0.9	-0.2	0	0	0	0	0	0	0	0
9/5/2023 21:43	67204 TEHI_T2	0	0	0	0	0	0	0.02	0.03	0	0	0	0	0	0
9/5/2023 21:43	67503 WEWI_T2	0	0	0	0	0	0	0.65	0.62	0	0	0	0	0	0
9/5/2023 21:44	42701 AUGU_T1	1	1	0	0.1	0	-0.1	0	0	2	2	0	1800	1800	0
9/5/2023 21:44	46203 DANV_T2	8	26	18	0.38	0.43	0.05	0	0	0	0	0	0	0	0
9/5/2023 21:44	28403 HART_T2	0	0	0	0	0	0	-0.46	-0.47	1	1	0	900	900	0
9/5/2023 21:44	67204 TEHI_T2	0	0	0	0	0	0	0.02	0.03	0	0	0	0	0	0
9/5/2023 21:44	44601 SALE_T2	0	0	0	0	0	0	0.92	0.78	1	1	0	300	600	300
9/5/2023 21:44	52403 GRPA_T2	11	7	-4	0.42	0.35	-0.07	-0.21	-0.21	0	0	0	0	0	0
9/5/2023 21:44	56801 BENV_T1	12	20	8	0.38	0.86	0.48	-0.15	-0.16	1	1	0	600	600	0
9/5/2023 21:44	57303 MOAI_T2	1	1	0	8	7.8	-0.2	0	0	0	0	0	0	0	0
9/5/2023 21:44	43301 WATS_T2	0	1	1	0	0.7	0.7	0	0	0	0	0	0	0	0
9/5/2023 21:44	45002 LIME_2	0	1	1	0	0	0	0.01	0	0	0	0	0	0	0
9/5/2023 21:44	12701 MACU_T1	0	0	0	0	0	0	-0.74	-0.74	1	1	0	1200	1200	0
9/5/2023 21:44	66703 STRA_T1	0	0	0	0	0	0	0.38	0.4	0	0	0	0	0	0
9/5/2023 21:44	63201 MGTN_T2	0	0	0	0	0	0	0.68	0.64	1	1	0	600	600	0
9/5/2023 21:44	56802 BENV_T2	0	1	1	0	0.2	0.2	-0.81	-0.28	0	0	0	0	0	0
9/5/2023 21:44	11104 EGYP_T1	0	2	2	0	0.4	0.4	-0.12	-0.16	0	0	0	0	0	0
9/5/2023 21:44	43402 BENT_T1	4	0	-4	0.53	0	-0.53	-0.73	-0.75	1	1	0	900	900	0
9/5/2023 21:44	51603 DUKE_T1	0	0	0	0	0	0	0.65	0.66	0	0	0	0	0	0
9/5/2023 21:44	59101 WALK_T2	1	3	2	0	0	0	0.59	0.65	3	3	0	1650	1650	0
9/5/2023 21:44	60803 BUCK_T1	0	0	0	0	0	0	-0.58	-0.59	1	1	0	600	600	0
9/5/2023 21:45	41902 REED_T1	12	6	-6	0.68	0.1	-0.58	0.67	0.7	1	1	0	900	900	0
9/5/2023 21:45	44702 MUNC_T2	12	10	-2	1.35	0.4	-0.95	0	0	0	0	0	0	0	0
9/5/2023 21:45	65604 QVIL_T2	0	0	0	0	0	0	0.79	0.77	0	0	0	0	0	0
9/5/2023 21:45	52404 GRPA_T2	1	7	6	0.8	0.2	-0.6	0	0	0	0	0	0	0	0
9/5/2023 21:45	61301 EARL_T1	0	0	0	0	0	0	-1.23	-1.24	2	2	0	1800	1800	0
9/5/2023 21:45	12701 MACU_T1	0	0	0	0	0	0	-0.74	-0.74	1	1	0	1200	1200	0
9/5/2023 21:45	47101 MARL_T1	46	54	8	1.14	0.99	-0.15	-0.67	-0.7	1	1	0	600	600	0
9/5/2023 21:45	40101 HUNT_T2	4	6	2	0.18	0	-0.18	-1.4	-1.28	0	0	0	0	0	0
9/5/2023 21:45	56803 BENV_T1	0	1	1	0	0.1	0.1	0	0	0	0	0	0	0	0
9/5/2023 21:45	45003 LIME_2	3	2	-1	0.9	2.3	1.4	0	0	1	1	0	1200	1200	0
9/5/2023 21:45	44802 EDAN_T2	0	0	0	0	0	0	-1.67	-1.68	0	0	0	0	0	0
9/5/2023 21:45	61202 REIN_T1	4	12	8	0.18	0.38	0.2	0	0	0	0	0	0	0	0
9/5/2023 21:45	66505 SMAN_T2	0	2	2	0	0.1	0.1	0	0	0	0	0	0	0	0
9/5/2023 21:45	47403 PENS_T1	1	1	0	2.7	2.6	-0.1	0	0	0	0	0	0	0	0
9/5/2023 21:45	43202 MVIL_T2	0	0	0	0	0	0	-0.46	-0.47	0	0	0	0	0	0
9/5/2023 21:45	44201 POIN_T1	40	38	-2	0.49	0.36	-0.13	-3.05	-2.95	4	4	0	4200	4200	0
9/5/2023 21:45	55101 WERT_T1	0	0	0	0	0	0	-2.18	-2.24	4	4	0	3300	3300	0
9/5/2023 21:45	26603 BROO_T1	0	0	0	0	0	0	0.48	0.42	0	0	0	0	0	0
9/5/2023 21:45	44502 HAMI_T2	1	1	0	2.1	2.4	0.3	0.67	0.62	0	0	0	0	0	0
9/5/2023 21:45	41602 CLEV_T1	0	0	0	0	0	0	0	0	1	1	0	600	600	0
9/5/2023 21:45	60701 BREC_T1	1	0	-1	0.2	0	-0.2	-0.1	0.17	1	1	0	600	600	0
9/5/2023 21:45	42701 AUGU_T1	1	1	0	0.2	0	-0.2	0	0	2	2	0	1800	1800	0
9/5/2023 21:45	49804 UNIV_T1	1	1	0	0.9	1	0.1	1.37	1.3	0	0	0	0	0	0
9/5/2023 21:45	64101 REFR_T1	0	0	0	0	0	0	0.05	0.05	0	0	0	0	0	0
9/5/2023 21:46	57304 MOAI_T2	0	4	4	0	0	0	-0.27	0.24	0	0	0	0	0	0
9/5/2023 21:46	46302 ROHR_T1	1	4	3	0.3	0.25	-0.05	0.4	0.38	0	0	0	0	0	0
9/5/2023 21:46	60101 COCA_T1	0	0	0	0	0	0	-0.17	-0.17	1	1	0	1200	1200	0
9/5/2023 21:46	65002 NEFF_T2	2	5	3	0.15	0.28	0.13	0	0	0	0	0	0	0	0
9/5/2023 21:46	46206 DANV_T2	10	6	-4	0.69	0.53	-0.16	0	0	0	0	0	0	0	0
9/5/2023 21:46	44203 POIN_T2	0	0	0	0	0	0	0.06	0.14	2	2	0	2100	2100	0
9/5/2023 21:46	42701 AUGU_T1	1	1	0	0.2	0	-0.2	0	0	4	4	0	3600	3600	0
9/5/2023 21:46	56801 BENV_T1	14	20	6	0.65	0.84	0.19	-0.15	-0.16	1	1	0	600	600	0
9/5/2023 21:47	46203 DANV_T2	13	26	13	0.38	0.43	0.05	0	0	0	0	0	0	0	0
9/5/2023 21:47	45004 LIME_2	1	0	-1	0.1	0	-0.1	0	0	0	0	0	0	0	0
9/5/2023 21:47	58402 MORO_T1	0	1	1	0	0	0	-1.59	-1.64	4	4	0	2850	2850	0
9/5/2023 21:47	45303 WBER_T2	0	1	1	0	0.1	0.1	0	0	0	0	0	0	0	0
9/5/2023 21:47	49804 UNIV_T1	1	1	0	0.9	1	0.1	0	0	0	0	0	0	0	0
9/5/2023 21:47	63401 HONY_T1	0	0	0	0	0	0	-0.36	-0.17	1	1	0	600	600	0
9/5/2023 21:47	60701 BREC_T1	1	0	-1	0.2	0	-0.2	-0.1	0.17	1	1	0	600	600	0
9/5/2023 21:48	53501 EVIL_T2	0	1	1	0

Appendix C - Grid Benefits Achieved in Each Instance of Active Management

9/6/2023 0:28	42903 MIDD_T2	2	2	0	0.65	1.15	0.5	0.24	0.24	0	0	0	0	0	0
9/6/2023 0:28	20403 ASHF_T2	0	0	0	0	0	0	0.46	0.41	0	0	0	0	0	0
9/6/2023 0:28	60701 BREC_T1	0	0	0	0	0	0	0.29	0.25	0	0	0	0	0	0
9/6/2023 0:28	47401 PENS_T1	0	0	0	0	0	0	0.77	0.66	0	0	0	0	0	0
9/6/2023 0:28	41901 REED_T1	0	1	1	0	0.1	0.1	-1.2	-1.21	1	1	0	900	900	0
9/6/2023 0:28	47901 HRDG_T1	0	0	0	0	0	0	0.72	0.73	2	2	0	2400	2400	0
9/6/2023 0:28	15001 BLMO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9/6/2023 0:28	65604 QVIL_T2	0	0	0	0	0	0	1.18	1.11	0	0	0	0	0	0
9/6/2023 0:28	54001 SDLE_T1	1	1	0	0.5	0.7	0.2	0	0	1	1	0	600	600	0
9/6/2023 0:29	43402 BENT_T1	0	0	0	0	0	0	-0.82	-0.83	1	1	0	900	900	0
9/6/2023 0:45	43402 BENT_T1	0	0	0	0	0	0	-0.83	-0.84	1	1	0	900	900	0
9/6/2023 0:48	53902 HALI_T2	0	0	0	0	0	0	-0.9	-0.89	0	0	0	0	0	0
9/6/2023 0:49	56802 BENV_T2	0	1	1	0	0.1	0.1	-2.02	-2.11	0	0	0	0	0	0
9/6/2023 0:50	53902 HALI_T2	0	0	0	0	0	0	-0.89	-0.9	0	0	0	0	0	0
9/6/2023 1:56	56501 ROCK_T2	2	2	0	0.3	0.7	0.4	-1.26	-1.28	0	0	0	0	0	0
9/6/2023 2:23	61202 REIN_T1	61	61	0	1.07	1.05	-0.02	0	0	0	0	0	0	0	0
9/6/2023 4:24	61202 REIN_T1	61	60	-1	1.2	0.74	-0.46	0	0	0	0	0	0	0	0
9/6/2023 8:12	44502 HAMI_T2	1	1	0	1.8	1.6	-0.2	0.29	0.39	0	0	0	0	0	0
9/6/2023 8:12	58402 MORO_T1	1	1	0	0.1	0	-0.1	-1.55	-1.56	3	3	0	2400	2400	0
9/6/2023 8:15	54701 NEBL_T1	0	0	0	0	0	0	0	0	1	1	0	600	600	0
9/6/2023 8:16	58402 MORO_T1	0	1	1	0	0	0	-1.55	-1.56	3	3	0	2400	2400	0
9/6/2023 8:19	59101 WALK_T2	1	0	-1	0	0	0	2.19	1.76	1	1	0	450	450	0
9/6/2023 8:19	45901 AUBU_T1	0	0	0	0	0	0	0.49	0.45	0	0	0	0	0	0
9/6/2023 8:22	45902 AUBU_T1	0	0	0	0	0	0	-0.17	-0.16	1	1	0	600	600	0
9/6/2023 8:37	53601 DALM_T2	0	1	1	1.1	1.1	-0.2	-0.77	-0.77	2	2	0	1500	1500	0
9/6/2023 8:41	45001 LIME_2	0	1	1	0	0	0	0	0	0	0	0	0	0	0
9/6/2023 9:13	54701 NEBL_T1	0	0	0	0	0	0	0	0	1	1	0	600	600	0
9/6/2023 9:16	48302 ORWI_T2	2	2	0	0.2	0.5	0.3	0.24	0.24	0	0	0	0	0	0
9/6/2023 9:20	60101 COCA_T1	0	0	0	0	0	0	-0.4	-0.36	1	1	0	1200	1200	0
9/6/2023 9:22	26603 BROO_T1	0	0	0	0	0	0	0.38	0.32	0	0	0	0	0	0
9/6/2023 9:24	45802 HEGI_T2	0	0	0	0	0	0	0.33	0.4	2	2	0	1200	1200	0
9/6/2023 9:29	54701 NEBL_T1	0	0	0	0	0	0	0	0	1	1	0	600	600	0
9/6/2023 9:31	58402 MORO_T1	2	1	-1	0.3	0	-0.3	-1.36	-1.43	3	3	0	2400	2400	0
9/6/2023 9:32	65902 SAKR_T2	0	0	0	0	0	0	-0.07	-0.06	2	2	0	1200	1200	0
9/6/2023 9:35	49803 UNIV_T1	0	0	0	0	0	0	-0.55	-0.39	0	0	0	0	0	0
9/6/2023 9:39	45003 LIME_2	2	3	1	1.15	0.7	-0.45	0	0	1	1	0	1200	1200	0
9/6/2023 9:41	45001 LIME_2	1	1	0	0.9	0.7	-0.2	0	0	0	0	0	0	0	0
9/6/2023 9:42	45003 LIME_2	2	3	1	1.15	0.7	-0.45	0	0	1	1	0	1200	1200	0
9/6/2023 9:43	45002 LIME_2	1	1	0	0.1	0	-0.1	0	0	0	0	0	0	0	0
9/6/2023 9:45	49803 UNIV_T1	0	0	0	0	0	0	-0.55	-0.39	0	0	0	0	0	0
9/6/2023 9:45	46302 ROHR_T1	2	1	-1	0.2	0.4	0.2	0.3	0.32	0	0	0	0	0	0
9/6/2023 9:46	64101 REFR_T1	0	0	0	0	0	0	0.38	0.38	0	0	0	0	0	0
9/6/2023 9:48	41903 REED_T1	1	4	3	0.1	0.33	0.23	0	0	0	0	0	0	0	0
9/6/2023 9:48	29402 BELT_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9/6/2023 9:49	20402 ASHF_T2	6	6	0	3.05	0.18	-2.87	0	0	0	0	0	0	0	0
9/6/2023 9:52	29402 BELT_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9/6/2023 9:55	23401 HONE_T2	1	1	0	1.8	0	-1.8	0.16	0.27	0	0	0	0	0	0
9/6/2023 10:00	20403 ASHF_T2	2	7	5	0.45	0	-0.45	1.82	1.44	0	0	0	0	0	0
9/6/2023 10:00	60101 COCA_T1	0	0	0	0	0	0	-0.32	-0.22	1	1	0	1200	1200	0
9/6/2023 10:00	26603 BROO_T1	0	0	0	0	0	0	0.34	0.36	0	0	0	0	0	0
9/6/2023 10:00	52502 PROG_T2	0	1	1	0	0	0	0	0	0	0	0	0	0	0
9/6/2023 10:00	20402 ASHF_T2	6	5	-1	0.85	0.1	-0.75	0	0	0	0	0	0	0	0
9/6/2023 10:00	67604 NARW_T1	0	0	0	0	0	0	0.43	0.45	0	0	0	0	0	0
9/6/2023 10:00	41602 CLEV_T1	0	0	0	0	0	0	0	0	1	1	0	600	600	0
9/6/2023 10:00	29401 BELT_T1	0	0	0	0	0	0	0	0	1	0	-1	900	0	-900
9/6/2023 10:00	49803 UNIV_T1	0	0	0	0	0	0	-0.39	-0.41	0	0	0	0	0	0
9/6/2023 10:00	12604 MACA_T1	0	0	0	0	0	0	0.8	0.8	0	0	0	0	0	0
9/6/2023 10:00	10602 BLGL_T2	1	1	0	8.5	8.3	-0.2	0.78	0.76	0	0	0	0	0	0
9/6/2023 10:00	66504 SMAN_T2	3	2	-1	0.33	0.1	-0.23	0	0	0	0	0	0	0	0
9/6/2023 10:00	56801 BENV_T1	2	4	2	0.75	0	-0.75	0.37	0.36	0	0	0	0	0	0
9/6/2023 10:00	48302 ORWI_T2	2	2	0	0.35	0.4	0.05	-0.3	-0.22	0	0	0	0	0	0
9/6/2023 10:00	56601 HAMP_T1	0	0	0	0	0	0	-0.01	-0.04	0	0	0	0	0	0
9/6/2023 10:00	64801 MONE_T2	0	0	0	0	0	0	-0.07	-0.07	0	0	0	0	0	0
9/6/2023 10:00	43304 WATS_T2	0	1	1	0	0	0	-0.49	-0.5	1	1	0	600	600	0
9/6/2023 10:01	11104 EGYP_T1	0	6	6	0	0	0	0	0	0	0	0	0	0	0
9/6/2023 10:01	45802 HEGI_T2	0	0	0	0	0	0	0.38	0.36	2	2	0	1200	1200	0
9/6/2023 10:06	53601 DALM_T2	0	0	0	0	0	0	-0.72	-0.63	2	2	0	1500	1500	0
9/6/2023 10:07	56801 BENV_T1	6	1	-5	0.38	0.5	0.12	0	0	0	0	0	0	0	0
9/6/2023 10:07	53501 EVIL_T2	0	2	2	0	0.4	0.4	-0.93	-1	4	4	0	2700	2700	0
9/6/2023 10:08	29402 BELT_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9/6/2023 10:08	29401 BELT_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9/6/2023 10:09	40101 HUNT_T2	170	144	-26	0.75	0.33	-0.42	-0.08	-0.57	0	0	0	0	0	0
9/6/2023 10:10	53502 EVIL_T2	8	13	5	0.79	0.75	-0.04	0	0	0	0	0	0	0	0
9/6/2023 10:10	23401 HONE_T2	1	0	-1	1.2	0	-1.2	0.27	0.26	0	0	0	0	0	0
9/6/2023 10:10	45002 LIME_2	1	1	0	0.2	0.4	0.2	0	0	0	0	0	0	0	0
9/6/2023 10:11	64301 LINC_T1	0	0	0	0	0	0	-0.13	-0.08	1	1	0	600	600	0
9/6/2023 10:11	58402 MORO_T1	1	1	0	1	0	-1	-1.34	-1.4	3	3	0	2400	2400	0
9/6/2023 10:11	44502 HAMI_T2	1	1	0	0.8	0.9	0.1	0.72	0.69	0	0	0	0	0	0
9/6/2023 10:11	24105 EHAZ_T1	4	4	0	6.13	5.85	-0.28	0	0	0	0	0	0	0	0
9/6/2023 10:11	17804 GILB_T2	1	1	0	0.4	0.9	0.5	-0.35	-0.35	0	0	0	0	0	0
9/6/2023 10:12	47502 NECO_T1	0	0	0	0	0	0	2.53	2.36	0	0	0	0	0	0
9/6/2023 10:13	58402 MORO_T1	1	1	0	1	0	-1	-2.67	-2.81	6	6	0	4800	4800	0
9/6/2023 10:14	61202 REIN_T1	4	7	3	0.33	0.29	-0.04	0	0	0	0	0	0	0	0
9/6/2023 10:14	41902 REED_T1	0	2	2	0	0	0	0	0	0	0	0	0	0	0
9/6/2023 10:14	44504 HAMI_T2	0	1	1	0	8.8	8.8	0	0	0	0	0	0	0	0
9/6/2023 10:14	65902 SAKR_T2	0	0	0	0	0	0	-0.1	-0.04	2	2	0	1200	1200	0
9/6/2023 10:16	54701 NEBL_T1	0	0	0	0	0	0	0	0	1	1	0	600	600	0
9/6/2023 10:16	46302 ROHR_T1	1	1	0	0.4	0.1	-0.3	0.33	0.34	0	0	0	0	0	0
9/6/2023 10:16	47502 NECO_T1	0	0	0	0	0	0	1.26	1.18	0	0	0	0	0	0
9/6/2023 10:17	47401 PENS_T1	2	2	0	0.9	0	-0.9	0.71	0.76	0	0	0	0	0	0
9/6/2023 10:17	59101 WALK_T2	3	8	5	0.65	0.3	-0.35	1.27	1.46	3	3	0	1650	1650	0
9/6/2023 10:18	65001 NEFF_T2	0	1	1	0	0	0	0.55	0.61	1	1	0	1200	1200	0
9/6/2023 10:18	45602 WOOL_T1	0	0	0	0	0	0	0.97	0.97	0	0	0	0	0	0
9/6/2023 10:18	59101 WALK_T2	3	8	5	0.65	0.3	-0.35	1.27	1.46	3	3	0	1650	1650	0
9/6/2023 10:19	66505 SMAN_T2	0	0	0	0	0	0	0.37	0.27	4	4	0	2300	2300	0
9/6/2023 10:19	29402 BELT_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9/6/2023 10:20	11101 EGYP_T1	1	4	3	1.5	0.9	-0.6	0	0	0	0	0	0	0	0
9/6/2023 10:20	45901 AUBU_T1	0	0	0	0	0	0	0.47	0.48	0	0	0	0	0	0
9/6/2023 10:20	59101 WALK_T2	3	8	5	0.65	0.3	-0.35	2.91	2.18	6	6	0	3300	3300	0
9/6/2023 10:21	15001 BLMO_T1	2	3	1	0.3	0.15	-0.15	0	0	0	0	0	0	0	0
9/6/2023 10:22	15001 BLMO_T1	2	3	1	0.3	0.15	-0.15	0	0	0	0	0	0	0	0
9/6/2023 10:22	63403 HONY_T2	0	1	1	0	0.5	0.5	0.17	0.15	1	1	0	600	600	0
9/6/2023 10:23	52404 GRPA_T2	0	0	0	0	0	0	1.14	0.53	0	0	0	0	0	0
9/6/2023 10:23	45902 AUBU_T1	0	0	0	0	0	0	-0.15	-0.09	1	1	0	600	600	0
9/6/2023 10:24	53501 EVIL_T2	1	2	1	0.4	0	-0.4	-1	-1.22	4	4	0	2700	2700	0
9/6/2023 10:25	52404 GRPA_T2	0	0	0	0	0	0	1.14	0.53	0	0	0	0	0	0
9/6/2023 10:31	65901 SAKR_T2	0	0	0	0	0	0	0.05	0.03	2	2	0	1500	1500	0
9/6/2023 10:34	66703 STRA_T1	0	0	0	0	0	0	-0.31	-0.32	0	0	0	0	0	0
9/6/2023 10:35	41602 CLEV_T1	0	0	0	0	0	0	0	0	1	1	0	600	600	0
9/6/2023 10:41	12701 MACU_T1	0	0	0	0	0	0	-1.29	-1.28	2	2	0	2400	2400	0
9/6/2023 10:41	52403 GRPA_T2	0	3	3	0	0.33	0.33	-0.52	-0.49	0	0	0	0	0	0
9/6/2023 10:42	12701 MACU_T1	0	0	0	0	0	0	-0.64	-0.64	1	1	0	1200	1200	0
9/6/2023 10:43	47403 PENS_T1	1	1	0	1.7	2.3	0.6	0	0	0	0	0	0	0	0
9/6/2023 10:46	47401 PENS_T1	0	1	1	0	0	0	1.68	1.89	0	0	0	0	0	0
9/6/2023 10:47	59101 WALK_T2	2	8	6	0.3	0.43	0.13	1.09	1.39	3	3	0	1650	1650	0
9/6/2023 10:47	42701 AUGU_T1	0	0	0	0	0	0	0	0	2	2	0	1800	1800	0
9/6/2023 10:48	42701 AUGU_T1	0	0	0	0	0	0	0	0	2	2	0	1800	1800	0
9/6/2023 10:49	15001 BLMO_T1	3	6	3	0.23	0.6	0.37	0	0	0	0	0	0	0	0
9/6/2023 10:49	17805 GILB_T2	0	0	0	0	0	0	-0.06	-0.02	0	0	0	0	0	0
9/6/2023 10:49	28601 BLYT_T2	1	1	0	1	0	-1	0	0	0	0	0	0	0	0
9/6/2023 10:54	52002 LING_T2	11	11	0	0.55	0	-0.55	0.88	0.09	0	1	1	0	900	900
9/6/2023 10:59	45002 LIME_2	1	1	0	1.7	1.2	-0.5	0	0	0	0	0	0	0	0
9/6/2023 10:59	64101 REFR_T1	0	0	0	0	0	0	-0.11	0.01	0	0	0	0	0	0
9/6/2023 11:01	42601 TUSC_T1	0	3	3	0	0	0	-0.38	-0.45	3	3	0	2400	2400	0
9/6/2023 11:01	43304 WATS_T2	6	7	1	0.78	0.42	-0.36	-0.35	-0.28	1	1	0	600	600	0
9/6/2023 11:02	64101 REFR_T1	0	0	0	0	0	0	-0.06	0.01	0	0	0	0	0	0
9/6/2023 11:03	56802 BENV_T2	0	2	2	0	0.15	0.15	-0.51	-0.86	0	0	0	0	0	0
9/6/2023 11:04	10805 CHHI_T2	79	62	-17	0.7	0.52	-0.18	-0.46	-0.41	2	2	0	1800	1800	0
9/6/2023 11:04	42601 TUSC_T1	0	3	3	0	0	0	-0.45	-0.4	3	3	0	2400	2400	0
9/6/2023 11:04	60803 BUCK_T1	0	0	0	0	0	0	-0.35	-0.29	1	1	0	600	600	0
9/6/2023 11:05	59101 WALK_T2	5	7	2	0.68	0.6	-0.08	0.95	0.98	3	4	1	1650	2250	600
9/6/2023 11:06	29401 BELT_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9/6/2023 11:06	56802 BENV_T2	0	2	2	0	0.15	0.15	-1.73	-1.6	0	0	0	0	0	0
9/6/2023 11:07	60803 BUCK_T1	0	0	0	0	0	0	-0.35	-0.29	1	1	0	600	600	0
9/6/2023 11:08	29401 BELT_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9/6/2023 11:11	40101 HUNT_T2	5	15	10	0.44	0.3	-0.14	-0.53	-0.51	0	0	0	0	0	0
9/6/2023 11:12	42902 MIDD_T2	1	1	0	2.8	2.3	-0.5	-0.58	-0.4	1	1	0	600	600	0
9/6/2023 11:12	52401 GRPA_T2	0	8	8	0	0.4	0.4	-0.14	-0.19	0	0	0	0	0	0
9/6/2023 11:13	52403 GRPA_T2	3	3	0	0.33	0.4	0.07	-0.51	-0.49	0	0	0	0	0	0
9/6/2023 11:17	66703 STRA_T1	0	0	0	0	0	0	-0.21	-0.25	0	0	0	0	0	0
9/6/2023 11:18	44601 SALE_T2	0	0	0	0	0	0	0.53	0.55	1	1	0	600	600	0
9/6/2023 11:18	13601 RICH_T2	0	1	1	0	0	0	0	0	0	0	0	0	0	0
9/6/2023 11:19	53601 DALM_T2	2	1	-1	0.3	0.4	0.1	-0.56	-0.58	2	2	0	1500	1500	0
9/6/2023 11:20	49803 UNIV_T1	1	1	0	0.2	0.5	0.3	-0.14	-0.15	0	0	0	0	0	0
9/6/2023 11:20	59101 WALK_T2	6	7	1	0.62	0.63	0.01	0.98	1.06	4	4	0	2250	2250	0
9/6/2023 11:29	65602 QVIL_T2	3	3	0	0.63	0.75	0.12	0	0	0	0	0	0	0	0
9/6/2023 11:32	43304 WATS_T2	6	4	-2	0.42	0.25	-0.17	-0.79	-0.83	1	1	0	600	600	0
9/6/2023 11:33	43304 WATS_T2	6	4	-2	0.42	0.25	-0.17	-0.79	-0.83	1	1	0	600	600	0
9/6/2023 11:34	60803 BUCK_T1	0	0	0	0	0	0	-0.23	-0.19	1	1	0	600	600	0
9/6/2023 11:36	10805 CHHI_T2	37	113	76	0.52	0.51	-0.01	-0.41	-0.4	2	2	0	1800	1800	0
9/6/2023 11:37	45602 WOOL_T1	0	1	1	0	0	0	1.12	1.13	0	0	0	0	0	0
9/6/2023 11:38	60803 BUCK_T1	0	0	0	0	0	0	-0.23	-0.19	1	1	0	600	600	0
9/6/2023 11:39	11104 EGYP_T1	5	8	3	1.52	1.95	0.43	0.98	1.05	0	0	0	0	0	0
9/6/2023 11:39	60101 COCA_T1	0	0	0	0	0	0	-0.09	-0.04	1	1	0	1200	1200	0
9/6/2023 11:40	45802 HEGI_T2	70	99	29	0.8	0.82	0.02	0.6	0.41	2	2	0	1200	1200	0
9/6/2023 11:40	23401 HONE_T2	1	1	0	4.9	0	-4.9	0.33	0.27	0	0	0	0	0	0
9/6/2023 11:41	12701 MACU_T1	5	8	3	1.34	0.38	-0.96	-0.57	-0.53	1	1	0	1200	1200	0
9/6/2023 11:42	52401 GRPA_T2	8	17	9	0.51	0.43	-0.08	0	0	0	0	0	0	0	0
9/6/2023 11:42	63402 HONY_T2	0	1	1	0	0.3	0.3	0	0	0	0	0	0	0	0
9/6/2023 11:43	13503 MCMI_T2	1	0	-1	0.1	0	-0.1	0.07	0.08	0	0	0	0	0	0
9/6/2023 11:43	52401 GRPA_T2	8	17	9	0.51	0.43	-0.08	-0.22	-0.15	0	0	0	0	0	0
9/6/2023 11:43	47403 PENS_T1	1	1	0	1	1.8	0.8	0	0	0	0	0	0	0	0
9/6/2023 11:44	52402 GRPA_T2	1	3	2	1.9	2.3	0.4	0	0	0	0	0	0	0	0
9/6/2023 11:44	13501 MCMI_T1	0	0	0	0	0	0	0.76	0.04	0	0	0	0	0	0
9/6/2023 11:44	52403 GRPA_T2	1	2	1	0.2	0.4	0.2	-0.92	-0.7	0	0	0	0	0	0
9/6/2023 11:44	52002 LING_T2	2	0	-2	0.1	0	-0.1	0.15	0.17	1	1	0	900	900	0
9/6/2023 11:44	47401 PENS_T1	1	2	1	0.1	0.1	0	0.78	0.78	0	0	0	0	0	0
9/6/2023 11:44	12701 MACU_T1	5	8	3	1.34	0.38	-0.96	-1.15	-1.06	2	2	0	2400	2400	0
9/6/2023 11:45	54701 NEBL_T1	2	4	2	0.75	0.18	-0.57	0	0	1	1	0	600	600	0
9/6/2023 11:45	44702 MUNC_T2	9	9	0	0.74	0.6	-0.14	0	0	0	0	0	0	0	0
9/6/2023 11:46	46302 ROHR_T1	0	1	1	0	0.1	0.1	0.4	0.36	0	0	0	0	0	0
9/6/2023 11:46	47403 PENS_T1	1	2	1	1.4	0.95	-0.45	0	0	0	0	0	0	0	0
9/6/2023 11:46	49804 UNIV_T1	1	2	1	0.7	0.9	0.2	0	0	0	0	0	0	0	0
9/6/2023 11:48	13601 RICH_T2	1	6	5	0.1	0	-0.1	0	0	0	0	0	0	0	0
9/6/2023 11:48	45602 WOOL_T1	1	1	0	0.1	0	-0.1	1.12	1.13	0	0	0	0	0	0
9/6/2023 11:49	28604 BLYT_T2	0	0	0	0	0	0	-0.86	-0.84	0	0	0	0	0	0
9/6/2023 11:52	10805 CHHI_T2	60	114	54	0.51	0.71	0.2	-0.4	-0.48	2	2	0	1800	1800	0
9/6/2023 11:52	17805 GILB_T2	0	0	0	0	0	0	0.07	0.02	0	0	0	0	0	0
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Appendix C - Grid Benefits Achieved in Each Instance of Active Management

9/6/2023 12:16	54701 NEBL_T1	4	4	0	0.18	0.1	-0.08	0	0	1	1	0	600	600	0
9/6/2023 12:17	54701 NEBL_T1	4	4	0	0.18	0.1	-0.08	0	0	1	1	0	600	600	0
9/6/2023 12:18	47403 PENS_T1	2	2	0	0.9	1.8	0.9	0	0	0	0	0	0	0	0
9/6/2023 12:19	28601 BLYT_T2	0	1	1	0	0	0	0	0	0	0	0	0	0	0
9/6/2023 12:19	13606 RICH_T2	12	31	19	1.34	0.35	-0.99	0.82	1.1	0	0	0	0	0	0
9/6/2023 12:21	62602 ENGL_T1	1	1	0	1.8	1	-0.8	0	0	0	0	0	0	0	0
9/6/2023 12:24	62602 ENGL_T1	1	1	0	1.8	1	-0.8	0	0	0	0	0	0	0	0
9/6/2023 12:25	12701 MACU_T1	4	20	16	0.68	0.56	-0.12	-0.55	-0.52	1	1	0	1200	1200	0
9/6/2023 12:26	12701 MACU_T1	4	20	16	0.68	0.56	-0.12	-0.55	-0.52	1	1	0	1200	1200	0
9/6/2023 12:27	12701 MACU_T1	4	20	16	0.68	0.56	-0.12	-0.55	-0.52	1	1	0	1200	1200	0
9/6/2023 12:30	66703 STRA_T1	0	0	0	0	0	0	-0.08	-0.03	0	0	0	0	0	0
9/6/2023 12:31	67204 TEHI_T2	0	0	0	0	0	0	0.18	0.14	0	0	0	0	0	0
9/6/2023 12:35	13503 MCMI_T2	0	0	0	0	0	0	0.07	0.08	0	0	0	0	0	0
9/6/2023 12:36	11104 EGYP_T1	5	5	0	1.12	1.14	0.02	0.26	0.24	1	1	0	900	900	0
9/6/2023 12:50	45302 WBER_T2	0	0	0	0	0	0	0.63	0.67	0	0	0	0	0	0
9/6/2023 12:51	45303 WBER_T2	0	1	1	0	0	0	0	0	0	0	0	0	0	0
9/6/2023 13:02	43301 WATS_T2	0	1	1	0	0	0	0	0	0	0	0	0	0	0
9/6/2023 13:05	49804 UNIV_T1	1	1	0	0.9	1.1	0.2	1.35	1.41	0	0	0	0	0	0
9/6/2023 13:05	49804 UNIV_T1	1	1	0	0.9	1.1	0.2	1.35	1.41	0	0	0	0	0	0
9/6/2023 13:05	60803 BUCK_T1	0	0	0	0	0	0	-0.07	-0.07	1	1	0	600	600	0
9/6/2023 13:06	43301 WATS_T2	0	1	1	0	0	0	0	0	0	0	0	0	0	0
9/6/2023 13:13	61202 REIN_T1	1	0	-1	0.1	0	-0.1	0	0	0	0	0	0	0	0
9/6/2023 13:21	49804 UNIV_T1	1	2	1	1.1	1.2	0.1	0	0	0	0	0	0	0	0
9/6/2023 13:23	20403 ASHF_T2	17	9	-8	0.78	0.1	-0.68	0.84	0.54	0	0	0	0	0	0
9/6/2023 13:30	65602 QVIL_T2	3	4	1	0.8	0.97	0.17	0	0	0	0	0	0	0	0
9/6/2023 13:32	65603 QVIL_T2	0	1	1	0	0	0	0	0	0	0	0	0	0	0
9/6/2023 13:33	42201 SHEN_T2	0	1	1	0	0.1	0.1	-0.14	-0.22	1	1	0	600	600	0
9/6/2023 13:34	65604 QVIL_T2	0	0	0	0	0	0	-0.38	-0.35	0	0	0	0	0	0
9/6/2023 13:35	60803 BUCK_T1	0	0	0	0	0	0	-0.08	-0.06	1	1	0	600	600	0
9/6/2023 13:39	60803 BUCK_T1	0	0	0	0	0	0	-0.08	-0.06	1	1	0	600	600	0
9/6/2023 13:43	52402 GRPA_T2	6	9	3	0.77	1.2	0.43	0	0	0	0	0	0	0	0
9/6/2023 13:44	52402 GRPA_T2	6	9	3	0.77	1.2	0.43	0	0	0	0	0	0	0	0
9/6/2023 13:44	60502 NMAN_T2	0	0	0	0	0	0	0.32	0.38	0	0	0	0	0	0
9/6/2023 13:45	52402 GRPA_T2	2	12	10	1.05	0.69	-0.36	0	0	0	0	0	0	0	0
9/6/2023 13:50	44801 EDAN_T2	14	24	10	0.57	0.47	-0.1	0	0	0	0	0	0	0	0
9/6/2023 13:52	49803 UNIV_T1	1	3	2	0.9	0.7	-0.2	0	0	0	0	0	0	0	0
9/6/2023 13:55	44802 EDAN_T2	0	0	0	0	0	0	-2.6	-2.57	1	1	0	1200	1200	0
9/6/2023 13:55	53903 HALI_T2	0	0	0	0	0	0	0.08	0.1	0	0	0	0	0	0
9/6/2023 13:56	53903 HALI_T2	0	0	0	0	0	0	0.08	0.1	0	0	0	0	0	0
9/6/2023 13:56	40101 HUNT_T2	252	214	-38	0.56	0.46	-0.1	-0.86	-0.85	0	0	0	0	0	0
9/6/2023 13:57	45802 HEGI_T2	5	9	4	0.3	0	-0.3	0.44	0.23	2	2	0	1200	1200	0
9/6/2023 13:58	44203 POIN_T2	60	75	15	0.49	0.52	0.03	0.08	0.09	3	3	0	3300	3300	0
9/6/2023 14:03	44203 POIN_T2	73	47	-26	0.53	0.56	0.03	0.08	0.09	3	3	0	3300	3300	0
9/6/2023 14:04	60701 BREC_T1	11	16	5	1.29	0.93	-0.36	0.65	0.64	2	2	0	1200	1200	0
9/6/2023 14:05	20402 ASHF_T2	6	21	15	0.67	1.14	0.47	0	0	0	0	0	0	0	0
9/6/2023 14:06	44801 EDAN_T2	19	26	7	0.47	0.76	0.29	0	0	0	0	0	0	0	0
9/6/2023 14:09	40101 HUNT_T2	200	200	0	0.49	0.47	-0.02	-0.85	-0.88	0	0	0	0	0	0
9/6/2023 14:09	10801 CHHI_T1	157	200	43	0.7	0.85	0.15	-0.61	-0.62	3	3	0	2100	2100	0
9/6/2023 14:10	52401 GRPA_T2	29	61	32	0.54	0.42	-0.12	-0.07	-0.05	0	0	0	0	0	0
9/6/2023 14:10	13503 MCMI_T2	0	0	0	0	0	0	0.15	0.15	0	0	0	0	0	0
9/6/2023 14:10	44802 EDAN_T2	0	0	0	0	0	0	-2.57	-2.59	1	1	0	1200	1200	0
9/6/2023 14:11	12704 MACU_T1	5	5	0	0.38	0.52	0.14	0	0	0	0	0	0	0	0
9/6/2023 14:11	40101 HUNT_T2	200	200	0	0.49	0.47	-0.02	-0.85	-0.88	0	0	0	0	0	0
9/6/2023 14:11	58401 MORO_T1	1	4	3	0.5	0.6	0.1	-0.33	-0.32	2	2	0	1500	1500	0
9/6/2023 14:11	52404 GRPA_T2	10	23	13	0.52	0.22	-0.3	0	0	0	0	0	0	0	0
9/6/2023 14:12	23401 HONE_T2	0	0	0	0	0	0	0.33	0.32	0	0	0	0	0	0
9/6/2023 14:12	44701 MUNC_T2	0	1	1	0	0	0	0	0	0	0	0	0	0	0
9/6/2023 14:13	43202 MVIL_T2	4	1	-3	0.58	0	-0.58	-0.23	-0.23	0	0	0	0	0	0
9/6/2023 14:13	47402 PENS_T1	0	1	1	0	0	0	0	0	0	0	0	0	0	0
9/6/2023 14:13	45802 HEGI_T2	9	2	-7	0.38	0	-0.38	0.23	0.29	2	2	0	1200	1200	0
9/6/2023 14:13	44203 POIN_T2	73	47	-26	0.53	0.56	0.03	0.09	0.09	3	3	0	3300	3300	0
9/6/2023 14:14	52402 GRPA_T2	9	37	28	0.63	0.67	0.04	0	0	0	0	0	0	0	0
9/6/2023 14:14	58401 MORO_T1	1	4	3	0.5	0.6	0.1	-0.33	-0.32	2	2	0	1500	1500	0
9/6/2023 14:14	58401 MORO_T1	1	4	3	0.5	0.6	0.1	-0.33	-0.32	2	2	0	1500	1500	0
9/6/2023 14:15	42201 SHEN_T2	0	0	0	0	0	0	-0.16	-0.1	1	1	0	600	600	0
9/6/2023 14:15	54701 NEBL_T1	30	140	110	0.43	0.66	0.23	0	0	1	1	0	600	600	0
9/6/2023 14:15	52403 GRPA_T2	68	52	-16	0.56	0.53	-0.03	-0.22	-0.26	0	0	0	0	0	0
9/6/2023 14:16	52403 GRPA_T2	68	52	-16	0.56	0.53	-0.03	0	0	0	0	0	0	0	0
9/6/2023 14:16	47402 PENS_T1	1	0	-1	0.6	0	-0.6	0	0	0	0	0	0	0	0
9/6/2023 14:18	49803 UNIV_T1	3	1	-2	0.7	1.1	0.4	0	0	0	0	0	0	0	0
9/6/2023 14:19	49803 UNIV_T1	3	1	-2	0.7	1.1	0.4	-1.29	-1.3	0	0	0	0	0	0
9/6/2023 14:19	29402 BELT_T1	11	1	-10	0.3	0	-0.3	0	0	0	0	0	0	0	0
9/6/2023 14:20	29402 BELT_T1	11	1	-10	0.3	0	-0.3	0	0	0	0	0	0	0	0
9/6/2023 14:20	45302 WBER_T2	5	20	15	0.3	0.42	0.12	1.39	1.4	0	0	0	0	0	0
9/6/2023 14:20	45602 WOOL_T1	0	0	0	0	0	0	0.47	0.49	1	1	0	900	900	0
9/6/2023 14:20	60701 BREC_T1	10	17	7	0.96	0.7	-0.26	0.64	0.65	2	2	0	1200	1200	0
9/6/2023 14:21	20401 ASHF_T2	12	29	17	0.72	0.88	0.16	0	0	0	0	0	0	0	0
9/6/2023 14:21	26601 BROO_T1	0	12	12	0	0.47	0.47	0	0	0	0	0	0	0	0
9/6/2023 14:21	44801 EDAN_T2	21	34	13	0.76	0.78	0.02	0	0	0	0	0	0	0	0
9/6/2023 14:22	44801 EDAN_T2	21	34	13	0.76	0.78	0.02	0	0	0	0	0	0	0	0
9/6/2023 14:23	29402 BELT_T1	11	1	-10	0.3	0	-0.3	0	0	0	0	0	0	0	0
9/6/2023 14:24	10801 CHHI_T1	186	208	22	0.87	0.93	0.06	-0.62	-0.6	3	3	0	2100	2100	0
9/6/2023 14:24	63403 HONY_T2	1	1	0	0.2	0.6	0.4	-0.61	-0.81	1	1	0	600	600	0
9/6/2023 14:25	45002 LIME_2	6	3	-3	0.88	1.55	0.67	0	0	0	0	0	0	0	0
9/6/2023 14:25	13503 MCMI_T2	0	0	0	0	0	0	0.15	0.14	0	0	0	0	0	0
9/6/2023 14:26	45004 LIME_2	1	1	0	0.4	0.2	-0.2	0	0	0	0	0	0	0	0
9/6/2023 14:26	12704 MACU_T1	5	9	4	0.52	0.84	0.32	0	0	0	0	0	0	0	0
9/6/2023 14:27	45003 LIME_2	23	17	-6	0.48	0.48	0	0	0	1	1	0	1200	1200	0
9/6/2023 14:27	52401 GRPA_T2	21	57	36	0.42	0.52	0.1	0	0	0	0	0	0	0	0
9/6/2023 14:27	12701 MACU_T1	41	118	77	0.59	0.65	0.06	-0.91	-0.9	2	2	0	2400	2400	0
9/6/2023 14:27	57303 MOAL_T2	1	1	0	9	9	0	0	0	0	0	0	0	0	0
9/6/2023 14:27	58401 MORO_T1	2	3	1	0.35	0.4	0.05	-0.32	-0.25	2	2	0	1500	1500	0
9/6/2023 14:28	45802 HEGI_T2	0	3	3	0	0.15	0.15	0.29	0.19	2	2	0	1200	1200	0
9/6/2023 14:28	44701 MUNC_T2	0	2	2	0	0	0	0	0	0	0	0	0	0	0
9/6/2023 14:28	51107 CARL_T1	0	0	0	0	0	0	0.41	0.41	0	0	0	0	0	0
9/6/2023 14:28	23401 HONE_T2	0	0	0	0	0	0	0.32	0.33	0	0	0	0	0	0
9/6/2023 14:29	45004 LIME_2	1	1	0	0.4	0.2	-0.2	0	0	0	0	0	0	0	0
9/6/2023 14:29	56504 ROCK_T2	10	12	2	0.66	0.53	-0.13	1.55	1.35	0	0	0	0	0	0
9/6/2023 14:29	43202 MVIL_T2	0	1	1	0	0.5	0.5	-0.23	-0.23	0	0	0	0	0	0
9/6/2023 14:29	64101 REFR_T1	8	7	-1	0.51	0.13	-0.38	0.4	0.45	0	0	0	0	0	0
9/6/2023 14:29	44203 POIN_T2	43	36	-7	0.51	0.65	0.14	0.09	-0.07	3	3	0	3300	3300	0
9/6/2023 14:30	58401 MORO_T1	3	1	-2	0.33	0.4	0.07	-0.32	-0.25	2	2	0	1500	1500	0
9/6/2023 14:30	64101 REFR_T1	7	3	-4	0.66	0.13	-0.53	0.2	0.22	0	0	0	0	0	0
9/6/2023 14:30	56504 ROCK_T2	10	14	4	0.57	0.51	-0.06	0.78	0.67	0	0	0	0	0	0
9/6/2023 14:31	45002 LIME_2	3	2	-1	1.2	1.65	0.45	0	0	0	0	0	0	0	0
9/6/2023 14:31	54701 NEBL_T1	119	140	21	0.66	0.93	0.27	0	0	1	1	0	600	600	0
9/6/2023 14:31	56504 ROCK_T2	10	14	4	0.57	0.51	-0.06	0.78	0.67	0	0	0	0	0	0
9/6/2023 14:31	66703 STRA_T1	0	0	0	0	0	0	0.16	0.21	0	0	0	0	0	0
9/6/2023 14:31	42201 SHEN_T2	0	0	0	0	0	0	-0.1	-0.06	1	1	0	600	600	0
9/6/2023 14:31	64101 REFR_T1	7	3	-4	0.66	0.13	-0.53	0.2	0.22	0	0	0	0	0	0
9/6/2023 14:32	41902 REED_T1	21	25	4	0.52	0.45	-0.07	0	0	0	0	0	0	0	0
9/6/2023 14:32	56501 ROCK_T2	2	8	6	0.7	0.3	-0.4	-2.26	-2.22	0	0	0	0	0	0
9/6/2023 14:33	41901 REED_T1	10	16	6	0.57	0.39	-0.18	0	0	0	0	0	0	0	0
9/6/2023 14:34	49803 UNIV_T1	1	1	0	1.1	0.7	-0.4	-1.3	-1.33	0	0	0	0	0	0
9/6/2023 14:34	29402 BELT_T1	1	1	0	0.1	0	-0.1	0	0	0	0	0	0	0	0
9/6/2023 14:34	46301 ROHR_T1	2	2	0	1.35	0.5	-0.85	0	0	0	0	0	0	0	0
9/6/2023 14:34	49804 UNIV_T1	1	3	2	0.8	1	0.2	1.36	1.33	0	0	0	0	0	0
9/6/2023 14:34	43304 WATS_T2	32	24	-8	0.52	0.58	0.06	-1.41	-1.32	2	2	0	1200	1200	0
9/6/2023 14:35	45303 WBER_T2	6	11	5	0.27	0.48	0.21	0	0	0	0	0	0	0	0
9/6/2023 14:35	29402 BELT_T1	1	1	0	0.1	0	-0.1	0	0	0	0	0	0	0	0
9/6/2023 14:37	20401 ASHF_T2	17	29	12	0.9	0.76	-0.14	0	0	0	0	0	0	0	0
9/6/2023 14:37	26601 BROO_T1	6	21	15	0.48	0.49	0.01	0	0	0	0	0	0	0	0
9/6/2023 14:37	43304 WATS_T2	32	24	-8	0.52	0.58	0.06	-0.71	-0.66	1	1	0	600	600	0
9/6/2023 14:37	44802 EDAN_T2	0	0	0	0	0	0	-2.64	-2.59	1	1	0	1200	1200	0
9/6/2023 14:38	44802 EDAN_T2	0	0	0	0	0	0	-2.64	-2.59	1	1	0	1200	1200	0
9/6/2023 14:38	47104 MARL_T1	0	5	5	0	0.23	0.23	0	0	0	0	0	0	0	0
9/6/2023 14:40	10801 CHHI_T1	198	210	12	0.93	1.35	0.42	-0.6	-0.6	3	3	0	2100	2100	0
9/6/2023 14:40	40101 HUNT_T2	184	242	58	0.52	0.44	-0.08	-0.88	-0.85	0	0	0	0	0	0
9/6/2023 14:40	10805 CHHI_T2	126	167	41	1.09	1.05	-0.04	-0.47	-0.5	2	2	0	1800	1800	0
9/6/2023 14:40	63403 HONY_T2	1	1	0	0.8	0.1	-0.7	-0.81	-1.26	1	1	0	600	600	0
9/6/2023 14:41	45004 LIME_2	1	1	0	0.3	0.1	-0.2	0	0	0	0	0	0	0	0
9/6/2023 14:41	12701 MACU_T1	39	127	88	0.67	0.64	-0.03	-0.45	-0.42	1	1	0	1200	1200	0
9/6/2023 14:41	13503 MCMI_T2	0	0	0	0	0	0	0.14	0.1	0	0	0	0	0	0
9/6/2023 14:42	45001 LIME_2	132	115	-17	1.1	1.02	-0.08	0	0	0	0	0	0	0	0
9/6/2023 14:42	14402 SSLA_T1	1	0	-1	0.2	0	-0.2	0	0	0	0	0	0	0	0
9/6/2023 14:42	12701 MACU_T1	39	127	88	0.67	0.64	-0.03	-0.9	-0.85	2	2	0	2400	2400	0
9/6/2023 14:43	45003 LIME_2	17	9	-8	0.46	0.55	0.09	0	0	1	1	0	1200	1200	0
9/6/2023 14:43	23401 HONE_T2	0	1	1	0	0	0	0.33	0.27	0	0	0	0	0	0
9/6/2023 14:43	14401 SSLA_T1	1	1	0	0.7	0.6	-0.1	0	0	0	0	0	0	0	0
9/6/2023 14:43	57304 MOAL_T2	4	11	7	0.55	0.38	-0.17	-0.61	-0.5	0	0	0	0	0	0
9/6/2023 14:43	60501 NMAN_T2	3	3	0	2.1	2.5	0.4	0	0	0	0	0	0	0	0
9/6/2023 14:44	45002 LIME_2	3	2	-1	1.2	1.65	0.45	0	0	0	0	0	0	0	0
9/6/2023 14:44	44701 MUNC_T2	1	1	0	0.2	10	9.8	0	0	0	0	0	0	0	0
9/6/2023 14:45	45002 LIME_2	2	2	0	1.8	1.55	-0.25	0	0	0	0	0	0	0	0
9/6/2023 14:45	56504 ROCK_T2	12	17	5	0.56	0.88	0.32	1.35	1.46	0	0	0	0	0	0
9/6/2023 14:45	47401 PENS_T1	3	3	0	0.33	0.53	0.2	0.84	0.87	0	0	0	0	0	0
9/6/2023 14:45	44203 POIN_T2	14	16	2	0.59	0.2	-0.39	-0.07	0.1	3	3	0	3300	3300	0
9/6/2023 14:45	43201 MVIL_T2	25	23	-2	0.54	0.44	-0.1	0	0	0	0	0	0	0	0
9/6/2023 14:45	60605 NCOL_T2	1	0	-1	0.3	0	-0.3	0	0	0	0	0	0	0	0
9/6/2023 14:46	56504 ROCK_T2	12	17	5	0.56	0.88	0.32	0.67	0.73	0	0	0	0	0	0
9/6/2023 14:47	43301 WATS_T2	0	3	3	0	0	0	0	0	0	0	0	0	0	0
9/6/2023 14:47	47403 PENS_T1	1	1	0	2.7	2.5	-0.2	0	0	0	0	0	0	0	0
9/6/2023 14:47	54701 NEBL_T1	140	144	4	1.06	0.92	-0.14	0	0	1	1	0	600	600	0
9/6/2023 14:48	47001 HUGH_T2	0	0	0	0	0	0	-0.73	-0.86	1	1	0	900	900	0
9/6/2023 14:48	41902 REED_T1	25	25	0	0.69	0.46	-0.23	-0.06	-0.18	1	1	0	900	900	0
9/6/2023 14:48	56504 ROCK_T2	12	17	5	0.56	0.88	0.32	0	0	0	0	0	0	0	0
9/6/2023 14:48	47401 PENS_T1	3	3	0	0.33	0.53	0.2	0.84	0.87	0	0	0	0	0	0
9/6/2023 14:48	41901 REED_T1	8	25	17	0.5	0.34	-0.16	-0.73	-0.81	1	1	0	900	900	0
9/6/2023 14:48	43301 WATS_T2	0	3	3	0	0	0	0	0	0	0	0	0	0	0
9/6/2023 14:49	41402 BENT_T1	9	14	5	0.49	0	-0.49	-0.83	-0.81	2	2	0	1500	1500	0
9/6/2023 14:50	49803 UNIV_T1	1	1	0	0.7	0.4	-0.3	0	0	0	0	0	0	0	0
9/6/2023 14:50	43301 WATS_T2	0	3	3	0	0	0	0	0	0	0	0	0	0	0
9/6/2023 14:50	13704 SCHN_T2	1	2	1	0.8	0.3	-0.5	0.32	0.33	0	0	0	0	0	0
9/6/2023 14:51	60701 BREC_T1	7	5	-2	0.7	1.05	0.35	0.5	0.38	2	2	0	1200	1200	0
9/6/2023 14:51	54506 ENOL_T2	1	1	0	0.2	0	-0.2	0	0	0	0	0	0	0	0
9/6/2023 14:51	43304 WATS_T2	13	25	12	0.63	0.61	-0.02	-0.66	-0.69	1	1	0	600	600	0
9/6/2023 14:57	52401 GRPA_T2	46	71	25	0.56	0.59	0.03	-0.02	-0.01	0	0	0	0	0	0
9/6/2023 14:58	52402 GRPA_T2	5	32	27	0.58	0.89	0.31	0	0	0	0	0	0	0	0
9/6/2023 14:58	52402 GRPA_T2	5	32	27	0.58	0.89	0.31	0	0	0	0	0	0	0	0
9/6/2023 14:58	42903 MIDD_T2	0	7	7	0	0.2	0.2	1.76	1.81	1	1	0	1200	1200	0
9/6/2023 14:59	52401 GRPA_T2	46	71	25	0.56	0.59	0.03	0	0	0	0	0	0	0	0
9/6/2023 15:00	13704 SCHN_T2	2	4	2	0.25	0.5	0.25	0.32	0.33	0	0	0	0	0	0
9/6/2023 15:01	57303 MOAL_T2	1	1	0	9.2	9.5	0.3	0	0	0	0	0	0	0	0
9/6/2023 15:02	52403 GRPA_T2	43	69	26	0.59	0.55	-0.04	0	0	0	0	0	0	0	0
9/6/2023 15:02	65602 QVIL_T2	2	3	1	1.1	1.4	0.3	0	0	0	0	0	0	0	0
9/6/2023 15:04	65602 QVIL_T2	2	3	1	1.1	1.4	0.3	0	0	0	0	0	0	0

Appendix C - Grid Benefits Achieved in Each Instance of Active Management

9/6/2023 16:09	17805 GILB_T2	2	6	4	0.25	0.3	0.05	0.37	0.34	0	0	0	0	0	0
9/6/2023 16:10	17805 GILB_T2	2	6	4	0.25	0.3	0.05	0.37	0.34	0	0	0	0	0	0
9/6/2023 16:11	47901 HRDG_T1	0	1	1	0	0	0	0.93	1.13	1	1	0	1200	1200	0
9/6/2023 16:13	58401 MORO_T1	10	12	2	0.49	0.58	0.09	0	0	0	0	0	0	0	0
9/6/2023 16:13	47901 HRDG_T1	0	1	1	0	0	0	0.93	1.13	1	1	0	1200	1200	0
9/6/2023 16:14	42201 SHEN_T2	0	0	0	0	0	0	-0.06	-0.09	1	1	0	600	600	0
9/6/2023 16:15	54001 SDLE_T1	2	2	0	0.2	0.6	0.4	0	0	1	1	0	600	600	0
9/6/2023 16:16	58402 MORO_T1	1	7	6	0.1	0.53	0.43	-1.89	-1.85	6	6	0	3750	3750	0
9/6/2023 16:16	54001 SDLE_T1	2	2	0	0.2	0.6	0.4	0	0	1	1	0	600	600	0
9/6/2023 16:17	14401 SSLA_T1	3	6	3	0.97	1.9	0.93	0	0	0	0	0	0	0	0
9/6/2023 16:19	46302 ROHR_T1	11	41	30	1.09	0.82	-0.27	0.51	0.5	0	0	0	0	0	0
9/6/2023 16:20	54001 SDLE_T1	2	2	0	0.2	0.6	0.4	0	0	1	1	0	600	600	0
9/6/2023 16:22	14402 SSLA_T1	4	4	0	0.33	1.83	1.5	0	0	0	0	0	0	0	0
9/6/2023 16:27	46602 LACR_T1	0	4	4	0	0.3	0.3	0.88	0.83	0	0	0	0	0	0
9/6/2023 16:27	40101 HUNT_T2	255	399	144	0.63	0.7	0.07	-1.1	-1.1	0	0	0	0	0	0
9/6/2023 16:31	47401 PENS_T1	14	11	-3	0.7	0.52	-0.18	0.94	0.96	0	0	0	0	0	0
9/6/2023 16:32	47401 PENS_T1	14	11	-3	0.7	0.52	-0.18	0.94	0.96	0	0	0	0	0	0
9/6/2023 16:32	61202 REIN_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9/6/2023 16:34	55102 WERT_T2	116	155	39	0.5	0.55	0.05	-1.01	-0.99	1	1	0	600	600	0
9/6/2023 16:34	55101 WERT_T1	79	57	-22	0.7	0.69	-0.01	-1.74	-1.65	4	4	0	3300	3300	0
9/6/2023 16:35	67502 WEWI_T2	57	100	43	0.76	0.79	0.03	0	0	0	0	0	0	0	0
9/6/2023 16:36	55105 WERT_T1	2	3	1	0.85	1.5	0.65	0	0	0	0	0	0	0	0
9/6/2023 16:37	55101 WERT_T1	79	57	-22	0.7	0.69	-0.01	-1.74	-1.65	4	4	0	3300	3300	0
9/6/2023 16:38	55101 WERT_T1	79	57	-22	0.7	0.69	-0.01	-1.74	-1.65	4	4	0	3300	3300	0
9/6/2023 16:39	55101 WERT_T1	79	57	-22	0.7	0.69	-0.01	-1.74	-1.65	4	4	0	3300	3300	0
9/6/2023 16:39	54001 SDLE_T1	2	2	0	0.45	1	0.55	0	0	1	1	0	600	600	0
9/6/2023 16:43	47401 PENS_T1	14	11	-3	0.7	0.52	-0.18	1.92	1.88	0	0	0	0	0	0
9/6/2023 16:45	47403 PENS_T1	1	1	0	2.7	2.6	-0.1	0	0	0	0	0	0	0	0
9/6/2023 16:49	55102 WERT_T2	121	152	31	0.55	0.51	-0.04	-0.99	-1.02	1	1	0	600	600	0
9/6/2023 17:05	55102 WERT_T2	148	106	-42	0.59	0.51	-0.08	-1.02	-1	1	1	0	600	600	0
9/6/2023 17:43	40101 HUNT_T2	441	483	42	1.05	0.99	-0.06	-1.1	-1.13	0	0	0	0	0	0
9/6/2023 17:54	22901 HARW_T1	23	23	0	0.62	0.69	0.07	0	0	0	0	0	0	0	0
9/6/2023 18:04	43402 BENT_T1	5	8	3	0.42	0.58	0.16	-0.66	-1.09	1	2	1	900	1500	600
9/6/2023 18:35	13704 SCHN_T2	0	1	1	0	0.3	0.3	0.34	0.36	0	0	0	0	0	0
9/6/2023 20:21	56801 BENV_T1	16	7	-9	0.56	0.29	-0.27	0	0	0	0	0	0	0	0
9/6/2023 20:27	47502 NECO_T1	1	1	0	0.4	0.5	0.1	1.15	1.17	0	0	0	0	0	0
9/6/2023 20:31	47502 NECO_T1	1	1	0	0.4	0.7	0.3	1.15	1.17	0	0	0	0	0	0
9/6/2023 20:51	15001 BLMO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9/6/2023 20:52	15001 BLMO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9/6/2023 21:05	13606 RICH_T2	0	13	13	0	0	0	0.23	1.34	0	0	0	0	0	0
9/6/2023 21:06	56802 BENV_T2	0	0	0	0	0	0	-0.68	-0.76	0	0	0	0	0	0
9/6/2023 21:08	56802 BENV_T2	0	0	0	0	0	0	-0.68	-0.76	0	0	0	0	0	0
9/6/2023 21:09	56802 BENV_T2	0	0	0	0	0	0	-0.68	-0.76	0	0	0	0	0	0
9/6/2023 21:19	42601 TUSC_T1	0	0	0	0	0	0	-0.53	-0.56	2	2	0	1800	1800	0
9/6/2023 21:20	53601 DALM_T2	1	1	0	0.3	0.4	0.1	-0.14	-0.09	0	0	0	0	0	0
9/6/2023 21:24	61303 EARL_T1	0	1	1	0	0.1	0.1	0.55	0.59	0	0	0	0	0	0
9/6/2023 21:26	65604 QVIL_T2	0	0	0	0	0	0	-0.02	-0.03	0	0	0	0	0	0
9/6/2023 21:26	29401 BELT_T1	0	0	0	0	0	0	0	0	1	1	0	900	900	0
9/6/2023 21:27	45901 AUBU_T1	5	11	6	0.14	0.21	0.07	0.51	0.48	0	0	0	0	0	0
9/6/2023 21:27	13501 MCMI_T1	0	0	0	0	0	0	-0.02	-0.07	0	0	0	0	0	0
9/6/2023 21:27	44505 HAMI_T2	0	4	4	0	0	0	0	0	0	0	0	0	0	0
9/6/2023 21:28	14403 SSLA_T1	4	1	-3	0.38	0	-0.38	1.42	1.35	0	0	0	0	0	0
9/6/2023 21:28	65603 QVIL_T2	0	0	0	0	0	0	-0.6	-0.62	0	0	0	0	0	0
9/6/2023 21:29	66505 SMAN_T2	0	1	1	0	0.1	0.1	0.07	0.04	3	3	0	2100	2100	0
9/6/2023 21:29	29402 BELT_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9/6/2023 21:30	45003 LIME_2	90	110	20	0.32	0.52	0.2	0	0	0	0	0	0	0	0
9/6/2023 21:30	13704 SCHN_T2	0	0	0	0	0	0	-0.35	-0.36	0	0	0	0	0	0
9/6/2023 21:30	62606 ENGL_T1	14	15	1	2.66	1.49	-1.17	0	0	0	0	0	0	0	0
9/6/2023 21:30	17805 GILB_T2	0	0	0	0	0	0	-0.17	-0.31	0	0	0	0	0	0
9/6/2023 21:31	47402 PENS_T1	1	2	1	0.2	0	-0.2	0	0	0	0	0	0	0	0
9/6/2023 21:31	60803 BUCK_T1	0	0	0	0	0	0	-0.59	-0.62	1	1	0	600	600	0
9/6/2023 21:31	64301 LINC_T1	0	0	0	0	0	0	-0.6	-0.57	1	1	0	600	600	0
9/6/2023 21:31	64101 REFR_T1	0	0	0	0	0	0	0.07	0.06	0	0	0	0	0	0
9/6/2023 21:32	13503 MCMI_T2	0	0	0	0	0	0	0.1	0.07	0	0	0	0	0	0
9/6/2023 21:32	53501 EVIL_T2	0	0	0	0	0	0	-0.94	-1	3	3	0	1800	1800	0
9/6/2023 21:32	60502 NMAN_T2	0	0	0	0	0	0	0.85	0.79	0	0	0	0	0	0
9/6/2023 21:32	45003 LIME_2	1	2	1	2.4	2.4	0	0	0	1	1	0	1200	1200	0
9/6/2023 21:32	40602 PIGR_T1	0	1	1	0	0	0	-0.21	-0.31	0	0	0	0	0	0
9/6/2023 21:32	54001 SDLE_T1	1	1	0	0.7	0.7	0	0	0	0	0	0	0	0	0
9/6/2023 21:32	56501 ROCK_T2	0	4	4	0	0.23	0.23	-1.58	-1.65	0	0	0	0	0	0
9/6/2023 21:32	15001 BLMO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9/6/2023 21:32	65604 QVIL_T2	0	0	0	0	0	0	-0.02	-0.03	0	0	0	0	0	0
9/6/2023 21:33	42902 MIDD_T2	5	0	-5	0.98	0	-0.98	-0.04	0.16	0	0	0	0	0	0
9/6/2023 21:33	13503 MCMI_T2	0	0	0	0	0	0	0.1	0.07	0	0	0	0	0	0
9/6/2023 21:34	56504 ROCK_T2	0	0	0	0	0	0	0.29	0.23	0	0	0	0	0	0
9/6/2023 21:34	67503 WEWI_T2	0	0	0	0	0	0	0.62	0.6	0	0	0	0	0	0
9/6/2023 21:34	45901 AUBU_T1	11	5	-6	0.21	0.12	-0.09	0	0	0	0	0	0	0	0
9/6/2023 21:34	52401 GRPA_T2	0	1	1	0	0.2	0.2	0	0	0	0	0	0	0	0
9/6/2023 21:34	53501 EVIL_T2	0	0	0	0	0	0	-1	-1.01	3	3	0	1800	1800	0
9/6/2023 21:35	62607 ENGL_T1	2	6	4	2.1	2	-0.1	0.02	0.02	2	2	0	1500	1500	0
9/6/2023 21:35	29401 BELT_T1	0	0	0	0	0	0	0	0	1	1	0	900	900	0
9/6/2023 21:35	43301 WATS_T2	1	1	0	0.2	0.6	0.4	0	0	0	0	0	0	0	0
9/6/2023 21:35	15001 BLMO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9/6/2023 21:35	52401 GRPA_T2	0	1	1	0	0.2	0.2	0	0	0	0	0	0	0	0
9/6/2023 21:36	47403 PENS_T1	1	1	0	2.5	2.7	0.2	0	0	0	0	0	0	0	0
9/6/2023 21:36	55101 WERT_T1	0	0	0	0	0	0	-2.17	-2.29	4	4	0	3300	3300	0
9/6/2023 21:37	52403 GRPA_T2	2	1	-1	0.4	0	-0.4	0	0	0	0	0	0	0	0
9/6/2023 21:37	47401 PENS_T1	3	2	-1	1.07	0	-1.07	0.67	0.62	0	0	0	0	0	0
9/6/2023 21:37	12701 MACU_T1	1	4	3	0.1	0	-0.1	-0.74	-0.75	1	1	0	1200	1200	0
9/6/2023 21:37	47901 HRDG_T1	0	0	0	0	0	0	1.65	1.57	1	1	0	1200	1200	0
9/6/2023 21:37	59101 WALK_T2	1	3	2	0	0	0	0.03	0.77	3	2	-1	1650	1050	-600
9/6/2023 21:37	41901 REED_T1	11	11	0	0.66	0.68	0.02	-1.03	-1.06	1	1	0	900	900	0
9/6/2023 21:38	43301 WATS_T2	1	1	0	0.2	0.6	0.4	0	0	0	0	0	0	0	0
9/6/2023 21:38	55101 WERT_T1	0	0	0	0	0	0	-2.17	-2.29	4	4	0	3300	3300	0
9/6/2023 21:39	47901 HRDG_T1	0	0	0	0	0	0	1.65	1.57	1	1	0	1200	1200	0
9/6/2023 21:39	43304 WATS_T2	19	13	-6	0.52	0.4	-0.12	-0.55	-0.66	0	0	0	0	0	0
9/6/2023 21:39	40101 HUNT_T2	34	21	-13	0.49	0.5	0.01	-1.12	-1.19	0	0	0	0	0	0
9/6/2023 21:40	64101 REFR_T1	0	0	0	0	0	0	0.06	0.65	0	0	0	0	0	0
9/6/2023 21:41	42201 SHEN_T2	0	0	0	0	0	0	0.15	0.12	1	1	0	600	600	0
9/6/2023 21:42	41602 CLEV_T1	0	0	0	0	0	0	0	0	1	1	0	600	600	0
9/6/2023 22:12	43402 BENT_T1	0	0	0	0	0	0	-0.77	-0.78	1	1	0	900	900	0
9/6/2023 22:12	64101 REFR_T1	0	0	0	0	0	0	0.53	0.55	0	0	0	0	0	0
9/6/2023 22:29	43401 BENT_T1	0	1	1	0	0	0	0	0	0	0	0	0	0	0
9/6/2023 22:36	58803 COCO_T1	2	2	0	1.8	1.85	0.05	-1.11	-0.97	1	1	0	600	600	0
9/6/2023 23:12	43402 BENT_T1	1	0	-1	0.2	0	-0.2	-0.81	-0.83	1	1	0	900	900	0
9/6/2023 23:29	43402 BENT_T1	0	0	0	0	0	0	-0.83	-0.82	1	1	0	900	900	0
9/7/2023 0:12	43402 BENT_T1	0	0	0	0	0	0	-1.45	-1.03	1	1	0	900	900	0
9/7/2023 0:28	44703 MUNC_T2	0	0	0	0	0	0	0.99	0.99	0	0	0	0	0	0
9/7/2023 0:28	42701 AUGU_T1	1	1	0	0.7	1.1	0.4	0	0	10	10	0	9000	9000	0
9/7/2023 0:28	48302 ORWI_T2	2	2	0	0.2	0.3	0.1	-0.04	-0.71	0	0	0	0	0	0
9/7/2023 0:28	24101 EHAZ_T1	3	0	-3	0.3	0	-0.3	-0.09	-0.15	2	2	0	1200	1200	0
9/7/2023 0:28	49804 UNIV_T1	0	0	0	0	0	0	0.92	0.81	0	0	0	0	0	0
9/7/2023 0:28	56504 ROCK_T2	0	0	0	0	0	0	-0.07	-0.7	0	0	0	0	0	0
9/7/2023 0:28	57303 MOAL_T2	1	1	0	8.1	7.6	-0.5	0	0	0	0	0	0	0	0
9/7/2023 0:28	12701 MACU_T1	0	0	0	0	0	0	-1.94	-1.93	2	2	0	2400	2400	0
9/7/2023 0:28	45002 LIME_2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9/7/2023 0:28	47101 MARL_T1	0	0	0	0	0	0	-0.54	-1.16	0	1	1	0	600	600
9/7/2023 0:28	64101 REFR_T1	0	0	0	0	0	0	0.45	0.44	0	0	0	0	0	0
9/7/2023 0:28	20403 ASHF_T2	0	0	0	0	0	0	0.42	0.32	0	0	0	0	0	0
9/7/2023 0:28	60801 BUCK_T1	9	45	36	0.17	0.34	0.17	0	0	0	0	0	0	0	0
9/7/2023 0:28	45002 LIME_2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9/7/2023 0:28	60701 BREC_T1	0	0	0	0	0	0	-0.24	-0.3	1	1	0	600	600	0
9/7/2023 0:28	58402 MORO_T1	0	0	0	0	0	0	-4.8	-4.77	9	9	0	7200	7200	0
9/7/2023 0:28	46602 LACR_T1	0	0	0	0	0	0	0.21	0.16	0	0	0	0	0	0
9/7/2023 0:28	46203 DANV_T2	0	0	0	0	0	0	-0.99	-1.04	0	0	0	0	0	0
9/7/2023 0:28	56801 BENV_T1	16	17	1	0.54	0.75	0.21	0	0	0	0	0	0	0	0
9/7/2023 0:28	47502 NECO_T1	0	0	0	0	0	0	0.83	0.83	0	0	0	0	0	0
9/7/2023 0:28	47403 PENS_T1	1	1	0	2.2	2.6	0.4	0	0	0	0	0	0	0	0
9/7/2023 0:28	26401 INOR_T1	1	1	0	0	0	0	0	0	0	0	0	0	0	0
9/7/2023 0:28	54001 SDLE_T1	0	1	1	0	0.6	0.6	0	0	1	1	0	600	600	0
9/7/2023 0:28	46302 ROHR_T1	3	4	1	0.27	0.5	0.23	0.24	0.23	0	0	0	0	0	0
9/7/2023 0:28	43301 WATS_T2	0	1	1	0	0.3	0.3	0	0	0	0	0	0	0	0
9/7/2023 0:28	63403 HONY_T2	0	0	0	0	0	0	-0.15	-0.14	1	1	0	600	600	0
9/7/2023 0:28	17805 GILB_T2	0	0	0	0	0	0	0.12	0.06	0	0	0	0	0	0
9/7/2023 0:28	45602 WOOL_T1	0	0	0	0	0	0	0.72	0.67	0	0	0	0	0	0
9/7/2023 0:28	60604 NCOL_T2	0	0	0	0	0	0	0.47	0.43	0	0	0	0	0	0
9/7/2023 0:28	53601 DALM_T2	1	1	0	0.7	0.9	0.2	-0.07	-0.11	0	0	0	0	0	0
9/7/2023 0:28	14403 SSLA_T1	0	0	0	0	0	0	0.95	0.85	0	0	0	0	0	0
9/7/2023 0:28	41902 REED_T1	0	0	0	0	0	0	0.33	0.33	1	1	0	900	900	0
9/7/2023 0:28	52403 GRPA_T2	0	0	0	0	0	0	-0.72	-0.73	0	0	0	0	0	0
9/7/2023 0:28	52402 GRPA_T2	1	1	0	2.9	3.2	0.3	0	0	0	0	0	0	0	0
9/7/2023 0:28	58402 MORO_T1	0	0	0	0	0	0	-4.8	-4.77	9	9	0	7200	7200	0
9/7/2023 0:28	66703 STRA_T1	0	3	3	0	0.1	0.1	0.05	0.03	0	0	0	0	0	0
9/7/2023 0:28	11102 EGYP_T1	0	0	0	0	0	0	0.01	-0.06	0	0	0	0	0	0
9/7/2023 0:28	41602 CLEV_T1	0	0	0	0	0	0	0	0	1	1	0	600	600	0
9/7/2023 0:28	29402 BELT_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9/7/2023 0:28	23401 HONE_T2	1	1	0	0.3	0.6	0.3	-0.38	-0.42	0	0	0	0	0	0
9/7/2023 0:28	42902 MIDD_T2	0	0	0	0	0	0	-0.23	-0.24	0	0	0	0	0	0
9/7/2023 0:28	49804 UNIV_T1	0	0	0	0	0	0	0.92	0.81	0	0	0	0	0	0
9/7/2023 0:28	55102 WERT_T2	0	0	0	0	0	0	-0.38	-0.43	0	0	0	0	0	0
9/7/2023 0:28	26603 BROO_T1	0	0	0	0	0	0	0.24	0.2	0	0	0	0	0	0
9/7/2023 0:28	22903 HARW_T1	2	1	-1	0.6	0.6	0	0	0	0	0	0	0	0	0
9/7/2023 0:28	61303 EARL_T1	0	0	0	0	0	0	0.28	0.29	0	0	0	0	0	0
9/7/2023 0:28	45802 HEGI_T2	0	0	0	0	0	0	-0.15	-0.14	2	2	0	1200	1200	0
9/7/2023 0:28	47001 HUGH_T2	0	0	0	0	0	0	-0.64	-0.61	0	0	0	0	0	0
9/7/2023 0:28	65901 SAKR_T2	0	0	0	0	0	0	-0.25	-0.06	2	1	-1	1500	900	-600
9/7/2023 0:28	66505 SMAN_T2	0	0	0	0	0	0	0.23	0.19	2	2	0	1500	1500	0
9/7/2023 0:28	40101 HUNT_T2	0	0	0	0	0	0	-0.66	-0.65	0	0	0	0	0	0
9/7/2023 0:28	51107 CARL_T1	0	0	0	0	0	0	0.17	0.13	0	0	0	0	0	0
9/7/2023 0:28	27101 GFLD_T2	1	1	0	0	0	0	0.41	0.38	0	0	0	0	0	0
9/7/2023 0:28	43202 MVIL_T2	0	0	0	0	0	0	-0.58	-0.62	0	0	0	0	0	0
9/7/2023 0:28	65902 SAKR_T2	0	0	0	0	0	0	0.02	0.03	1	1	0	300	300	0
9/7/2023 0:28	42902 MIDD_T2	0	0	0	0	0	0	-0.23	-0.24	0	0	0	0	0	0
9/7/2023 0:28	65001 NEFF_T2	0	0	0	0	0	0	-0.55	-0.6	1	1	0	1200	1200	0
9/7/2023 0:28	44801 EDAN_T2	1	1	0	1.4	0.9	-0.5	0	0	0	0	0	0	0	0
9/7/2023 0:28	10801 CHHI_T1	0	0	0	0	0	0	-1.58	-1.63	3	3	0	2100	2100	0
9/7/2023 0:28	65604 QVIL_T2	0	0	0	0	0	0	0.53	0.58	0	0	0	0	0	0
9/7/2023 0:28	42601 TUSC_T1	6	11	5	0.75	0.94	0.19	0.02	0	2	2	0	1800	1800	0
9/7/2023 0:28	11104 EGYP_T1	0	0	0	0	0	0	0.45	0.39	0	0	0	0	0	0
9/7/2023 0:28	45302 WBER_T2	0	0	0	0	0	0	0.9	0.91	0	0	0	0	0	0
9/7/2023 0:28	43402 BENT_T1	0	0	0	0	0	0	-1.03	-1.45	1	2	1	900	1500	600
9/7/2023 0:28	53501 EVIL_T2	0	0	0	0	0	0	-1.47	-1.56	4	4	0	2400	2400	0
9/7/2023 0:28	54701 NEBL_T1	0	0	0	0	0	0	0	0	1	1	0	600	600	0
9/7/2023 0:28	10805 CHHI_T2	1	1	0	9.3	9.1	-0.2	-0.52	-0.55	1	1	0	600	600	0
9/7/2023 0:28	55101 WERT_T1	0	0	0	0	0	0	-5.5	-5.53	9	9	0	7200	7200	0
9/7/2023 0:28	61202 REIN_T1	52	61	9	0.42	0.71	0.29	0	0	0	0	0	0	0	0
9/7/2023 0:28	15001 BLMO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9/7/2023 0:28	40602 PIGR_T1	0	0	0	0	0	0	-0.17	-0.86	0	1	1	0	600	600
9/7/2023 0:28	44203 POIN_T2	0	0	0	0	0	0	-0.74	-0.72	2

Appendix C - Grid Benefits Achieved in Each Instance of Active Management

9/7/2023 9:43	43202 MVIL_T2	1	0	-1	0.1	0	-0.1	-0.39	-0.4	0	0	0	0	0	0
9/7/2023 9:45	41903 REED_T1	4	4	0	0.25	0.55	0.3	0	0	0	0	0	0	0	0
9/7/2023 9:46	14802 TREI_T2	0	1	1	0	0	0	0	0	0	0	0	0	0	0
9/7/2023 9:46	65902 SAKR_T2	0	0	0	0	0	0	-0.12	-0.05	2	2	0	1200	1200	0
9/7/2023 9:51	52404 GRPA_T2	0	0	0	0	0	0	1.08	1	0	0	0	0	0	0
9/7/2023 9:54	23401 HONE_T2	0	1	1	0	0	0	0.08	0.1	0	0	0	0	0	0
9/7/2023 9:57	58402 MORO_T1	0	1	1	0	0	0	-1.41	-1.41	3	3	0	2400	2400	0
9/7/2023 9:57	57303 MOAL_T2	1	0	0	7.9	8.2	0.3	0	0	0	0	0	0	0	0
9/7/2023 9:57	64802 MONE_T2	0	0	0	0	0	0	0.49	0.3	0	0	0	0	0	0
9/7/2023 9:57	46302 ROHR_T1	2	4	2	1.05	0.4	-0.65	0.29	0.29	0	0	0	0	0	0
9/7/2023 10:00	53502 EVIL_T2	1	7	6	1.6	1.2	-0.4	0	0	0	0	0	0	0	0
9/7/2023 10:00	20403 ASHF_T2	0	15	15	0	0.57	0.57	1.49	1.98	0	0	0	0	0	0
9/7/2023 10:00	29402 BELT_T1	0	1	1	0	0.4	0.4	0	0	0	0	0	0	0	0
9/7/2023 10:00	12606 MACA_T1	10	21	11	0.2	0.16	-0.04	0	0	0	0	0	0	0	0
9/7/2023 10:00	56802 BENV_T2	1	1	0	1.1	0.8	-0.3	-2.7	-2.61	0	0	0	0	0	0
9/7/2023 10:00	20403 ASHF_T2	0	15	15	0	0.57	0.57	1.49	1.98	0	0	0	0	0	0
9/7/2023 10:00	64801 MONE_T2	0	0	0	0	0	0	0.78	0.83	0	0	0	0	0	0
9/7/2023 10:00	41602 CLEV_T1	0	0	0	0	0	0	0	0	1	1	0	600	600	0
9/7/2023 10:00	65901 SAKR_T2	0	0	0	0	0	0	0	0.05	2	2	0	1500	1500	0
9/7/2023 10:00	56601 HAMP_T1	0	0	0	0	0	0	-0.03	-0.1	0	0	0	0	0	0
9/7/2023 10:00	29401 BELT_T1	0	22	22	0	0.13	0.13	0	0	1	1	0	900	900	0
9/7/2023 10:00	43301 WATS_T2	1	0	-1	0.3	0	-0.3	0	0	0	0	0	0	0	0
9/7/2023 10:00	26603 BROO_T1	0	0	0	0	0	0	0.47	0.43	0	0	0	0	0	0
9/7/2023 10:00	67604 WARW_T1	0	0	0	0	0	0	0.44	0.49	0	0	0	0	0	0
9/7/2023 10:00	10602 BLGL_T2	3	2	-1	2.47	7.9	5.43	1.88	1.9	0	0	0	0	0	0
9/7/2023 10:00	52503 PROG_T2	0	0	0	0	1	0	-0.29	-0.26	1	1	0	900	900	0
9/7/2023 10:00	56801 BENV_T1	12	7	-5	0.51	0.51	0	0	0	0	0	0	0	0	0
9/7/2023 10:00	53903 HALI_T2	2	2	0	0.5	0.4	-0.1	0.02	0.08	0	0	0	0	0	0
9/7/2023 10:00	60101 COCA_T1	0	0	0	0	0	0	0.98	1	0	0	0	0	0	0
9/7/2023 10:01	10801 CHHI_T1	0	0	0	0	0	0	-1.22	-1.29	3	3	0	2100	2100	0
9/7/2023 10:07	52404 GRPA_T2	0	1	1	0	0	0	1	1.05	0	0	0	0	0	0
9/7/2023 10:07	56802 BENV_T2	1	1	0	1.1	0.8	-0.3	-0.87	-0.83	0	0	0	0	0	0
9/7/2023 10:08	53601 DALM_T2	1	0	-1	0.1	0	-0.1	-0.34	-0.38	1	1	0	600	600	0
9/7/2023 10:08	53501 EVIL_T2	0	0	0	0	0	0	-2.49	-2.04	8	8	0	5400	5400	0
9/7/2023 10:08	29401 BELT_T1	0	22	22	0	0.13	0.13	0	0	1	1	0	900	900	0
9/7/2023 10:08	17804 GILB_T2	0	0	0	0	0	0	-0.34	-0.35	0	0	0	0	0	0
9/7/2023 10:09	53502 EVIL_T2	1	7	6	1.6	1.2	-0.4	0	0	0	0	0	0	0	0
9/7/2023 10:09	45802 HEGI_T2	0	3	3	0	0	0	0.18	0.33	2	2	0	1200	1200	0
9/7/2023 10:09	12701 MACU_T1	0	0	0	0	0	0	-0.72	-0.7	1	1	0	1200	1200	0
9/7/2023 10:10	43202 MVIL_T2	0	0	0	0	0	0	-0.39	-0.42	0	0	0	0	0	0
9/7/2023 10:10	54701 NEBL_T1	0	0	0	0	0	0	0	0	1	1	0	600	600	0
9/7/2023 10:10	44502 HAMI_T2	2	1	-1	1.2	1.3	0.1	0.62	0.66	0	0	0	0	0	0
9/7/2023 10:11	52404 GRPA_T2	0	1	1	0	0	0	1	1.05	0	0	0	0	0	0
9/7/2023 10:11	12701 MACU_T1	0	0	0	0	0	0	-0.72	-0.7	1	1	0	1200	1200	0
9/7/2023 10:12	41903 REED_T1	4	4	0	0.6	0.55	-0.05	0	0	0	0	0	0	0	0
9/7/2023 10:12	54701 NEBL_T1	0	0	0	0	0	0	0	0	1	1	0	600	600	0
9/7/2023 10:13	66505 SMAN_T2	0	0	0	0	0	0	0.38	0.21	4	4	0	2300	2300	0
9/7/2023 10:13	61202 REIN_T1	7	7	0	0.41	0.31	-0.1	0	0	0	0	0	0	0	0
9/7/2023 10:13	46302 ROHR_T1	2	3	1	0.4	0.33	-0.07	0.29	0.3	0	0	0	0	0	0
9/7/2023 10:13	58402 MORO_T1	0	1	1	0	0	0	-1.41	-1.38	3	3	0	2400	2400	0
9/7/2023 10:17	66504 SMAN_T2	1	1	0	0.3	0	-0.3	0	0	0	0	0	0	0	0
9/7/2023 10:17	45602 WOOL_T1	0	0	0	0	0	0	0.87	0.88	0	0	0	0	0	0
9/7/2023 10:17	59101 WALK_T2	2	5	3	0.2	0.2	0	3.36	2.47	4	6	2	2100	3300	1200
9/7/2023 10:17	45902 AUBU_T1	0	0	0	0	0	0	-0.07	-0.07	1	1	0	600	600	0
9/7/2023 10:17	65902 SAKR_T2	0	0	0	0	0	0	-0.08	-0.11	2	2	0	1200	1200	0
9/7/2023 10:18	29401 BELT_T1	18	37	19	0.13	0.21	0.08	0	0	0	0	0	0	0	0
9/7/2023 10:18	28604 BLYT_T2	0	0	0	0	0	0	-1.04	-1.04	0	0	0	0	0	0
9/7/2023 10:18	45902 AUBU_T1	0	0	0	0	0	0	-0.07	-0.07	1	1	0	600	600	0
9/7/2023 10:19	59101 WALK_T2	2	5	3	0.2	0.2	0	2.47	2.99	4	6	2	2100	3300	1200
9/7/2023 10:19	45901 AUBU_T1	0	0	0	0	0	0	1.22	1.32	0	0	0	0	0	0
9/7/2023 10:21	28403 HART_T2	0	0	0	0	0	0	-0.63	-0.68	1	1	0	900	900	0
9/7/2023 10:21	17805 GILB_T2	0	0	0	0	0	0	-0.23	-0.14	0	0	0	0	0	0
9/7/2023 10:22	45003 LIME_2	1	4	3	1.3	1	-0.3	0	0	1	1	0	1200	1200	0
9/7/2023 10:23	45002 LIME_2	1	1	0	0.4	0.2	-0.2	0	0	0	0	0	0	0	0
9/7/2023 10:23	24102 EHAZ_T1	4	5	1	0.45	0.2	-0.25	0	0	0	0	0	0	0	0
9/7/2023 10:24	45001 LIME_2	2	2	0	0.6	0.3	-0.3	0	0	0	0	0	0	0	0
9/7/2023 10:24	64301 LINC_T1	0	0	0	0	0	0	-0.06	-0.04	1	1	0	600	600	0
9/7/2023 10:24	63403 HONY_T2	0	0	0	0	0	0	-0.15	-0.05	1	1	0	600	600	0
9/7/2023 10:25	45003 LIME_2	1	4	3	1.3	1	-0.3	0	0	2	2	0	2400	2400	0
9/7/2023 10:26	12701 MACU_T1	0	1	1	0	0	0	-0.7	-0.65	1	1	0	1200	1200	0
9/7/2023 10:26	23401 HONE_T2	1	1	0	0.9	0.4	-0.5	0.24	0.16	0	0	0	0	0	0
9/7/2023 10:29	43402 BENT_T1	0	0	0	0	0	0	-1.02	-0.97	2	2	0	1500	1500	0
9/7/2023 10:30	60502 NMAN_T2	0	0	0	0	0	0	0.91	0.07	0	0	0	0	0	0
9/7/2023 10:30	67502 WEWI_T2	0	0	0	0	0	0	-0.52	-0.47	1	1	0	900	900	0
9/7/2023 10:31	44301 BEAV_T2	1	2	1	2.2	0.65	-1.55	0.98	0.84	2	2	0	1500	1500	0
9/7/2023 10:31	14801 TREI_T2	471	472	1	5.4	5.4	0	0.37	0.37	0	0	0	0	0	0
9/7/2023 10:32	67502 WEWI_T2	0	0	0	0	0	0	-0.52	-0.47	1	1	0	900	900	0
9/7/2023 10:32	29402 BELT_T1	0	2	2	0	0.25	0.25	0	0	0	0	0	0	0	0
9/7/2023 10:32	67602 WARW_T2	0	1	1	0	0	0	0.71	0.78	2	2	0	1500	1500	0
9/7/2023 10:32	14801 TREI_T2	471	472	1	5.4	5.4	0	0.37	0.37	0	0	0	0	0	0
9/7/2023 10:32	44301 BEAV_T2	1	2	1	2.2	0.65	-1.55	1.96	1.68	4	4	0	3000	3000	0
9/7/2023 10:33	42601 TUSC_T1	7	2	-5	0.63	0.2	-0.43	0.46	0.49	3	3	0	2400	2400	0
9/7/2023 10:34	67502 WEWI_T2	0	0	0	0	0	0	-0.47	-0.4	1	1	0	900	900	0
9/7/2023 10:39	40101 HUNT_T2	91	27	-64	0.48	0.31	-0.17	0.48	0.46	0	0	0	0	0	0
9/7/2023 10:41	64702 LITI_T2	0	0	0	0	0	0	0.21	0.28	0	0	0	0	0	0
9/7/2023 10:44	42902 MIDD_T2	1	1	0	1	0.7	-0.3	-0.08	0.02	0	1	1	0	600	600
9/7/2023 10:44	64101 REPR_T1	0	3	3	0	0	0	-0.09	0.02	0	0	0	0	0	0
9/7/2023 10:48	49803 UNIV_T1	0	1	1	0	0.5	0.5	-0.35	-0.35	0	0	0	0	0	0
9/7/2023 10:48	60701 BREC_T1	0	6	6	0	0	0	0.32	0.46	2	2	0	1200	1200	0
9/7/2023 10:51	44802 EDAN_T2	0	0	0	0	0	0	-1.88	-1.86	1	1	0	1200	1200	0
9/7/2023 10:52	41602 CLEV_T1	0	0	0	0	0	0	0	0	1	1	0	600	600	0
9/7/2023 10:53	52404 GRPA_T2	1	0	-1	0.3	0	-0.3	0	0	0	0	0	0	0	0
9/7/2023 10:53	40101 HUNT_T2	27	16	-11	0.41	0.21	-0.2	-0.46	-0.42	0	0	0	0	0	0
9/7/2023 10:54	52403 GRPA_T2	0	6	6	0	0.2	0.2	-0.42	-0.48	0	0	0	0	0	0
9/7/2023 10:54	44801 EDAN_T2	1	3	2	1.6	0.8	-0.8	0	0	0	0	0	0	0	0
9/7/2023 10:57	44601 SALE_T2	0	1	1	0	0	0	0.6	0.83	1	1	0	600	600	0
9/7/2023 10:59	60501 NMAN_T2	3	3	0	3.03	3.07	0.04	0	0	0	0	0	0	0	0
9/7/2023 10:59	48302 ORWI_T2	0	0	0	0	0	0	-0.18	-0.19	0	0	0	0	0	0
9/7/2023 11:00	54001 SDLE_T1	1	3	2	0.3	0.5	0.2	0	0	3	3	0	1800	1800	0
9/7/2023 11:00	59101 WALK_T2	3	2	-1	0.4	0	-0.4	0.99	0.73	4	4	0	2250	2250	0
9/7/2023 11:01	54001 SDLE_T1	1	3	2	0.3	0.5	0.2	0	0	1	1	0	600	600	0
9/7/2023 11:02	42701 AUGU_T1	0	0	0	0	0	0	0	0	2	2	0	1800	1800	0
9/7/2023 11:02	29401 BELT_T1	1	0	-1	0.1	0	-0.1	0	0	1	1	0	900	900	0
9/7/2023 11:02	42201 SHEN_T2	0	0	0	0	0	0	-0.38	-0.35	2	2	0	1200	1200	0
9/7/2023 11:03	44301 BEAV_T2	1	3	2	1.3	0.2	-1.1	0.99	1	2	2	0	1500	1500	0
9/7/2023 11:04	49804 UNIV_T1	1	1	0	0.7	0.9	0.2	0	0	0	0	0	0	0	0
9/7/2023 11:04	10805 CHHI_T2	11	78	67	0.43	0.66	0.23	-0.59	-0.49	2	2	0	1800	1800	0
9/7/2023 11:04	59202 THOM_T1	0	2	2	0	0.8	0.8	0	0	0	0	0	0	0	0
9/7/2023 11:05	53601 DALM_T2	2	2	0	0.75	0.9	0.15	-0.5	-0.49	1	1	0	600	600	0
9/7/2023 11:05	42701 AUGU_T1	0	0	0	0	0	0	0	0	2	2	0	1800	1800	0
9/7/2023 11:05	29401 BELT_T1	1	0	-1	0.1	0	-0.1	0	0	1	1	0	900	900	0
9/7/2023 11:09	52402 GRPA_T2	1	1	0	1.6	2.1	0.5	0	0	0	0	0	0	0	0
9/7/2023 11:10	52401 GRPA_T2	0	2	2	0	0	0	0	0	0	0	0	0	0	0
9/7/2023 11:12	44703 MUNC_T2	0	0	0	0	0	0	1.31	1.26	0	0	0	0	0	0
9/7/2023 11:13	53501 EVIL_T2	0	1	1	0	0.4	0.4	-1	-1.05	4	4	0	2700	2700	0
9/7/2023 11:16	43304 WATS_T2	5	7	2	0.54	0.37	-0.17	-0.35	-0.37	1	1	0	600	600	0
9/7/2023 11:18	42701 AUGU_T1	0	0	0	0	0	0	0	0	2	2	0	1800	1800	0
9/7/2023 11:19	49803 UNIV_T1	1	1	0	0.5	1.1	0.6	-0.3	-0.2	0	0	0	0	0	0
9/7/2023 11:21	42701 AUGU_T1	0	0	0	0	0	0	0	0	2	2	0	1800	1800	0
9/7/2023 11:26	46302 ROHR_T1	3	3	0	0.2	0.2	0	-0.23	-0.23	0	0	0	0	0	0
9/7/2023 11:27	61202 REIN_T1	6	25	19	0.28	0.39	0.11	0	0	0	0	0	0	0	0
9/7/2023 11:28	65602 QVIL_T2	2	3	1	1.15	1.05	-0.1	0	0	0	0	0	0	0	0
9/7/2023 11:29	43304 WATS_T2	5	7	2	0.54	0.37	-0.17	-0.37	-0.36	1	1	0	600	600	0
9/7/2023 11:29	44904 SCOT_T1	4	5	1	1.1	1.5	0.4	0.44	0.41	0	0	0	0	0	0
9/7/2023 11:30	49803 UNIV_T1	1	2	1	0.3	1.1	0.8	-0.3	-0.2	0	0	0	0	0	0
9/7/2023 11:31	42601 TUSC_T1	0	0	0	0	0	0	-0.64	-1.23	3	3	0	2400	2400	0
9/7/2023 11:31	43304 WATS_T2	4	14	10	0.38	0.48	0.1	-0.37	-0.36	1	1	0	600	600	0
9/7/2023 11:31	65602 QVIL_T2	2	3	1	1.1	0.9	-0.2	0	0	0	0	0	0	0	0
9/7/2023 11:32	28604 BLYT_T2	0	0	0	0	0	0	-0.93	-0.87	0	0	0	0	0	0
9/7/2023 11:32	43304 WATS_T2	4	14	10	0.38	0.48	0.1	-0.37	-0.36	1	1	0	600	600	0
9/7/2023 11:32	41602 CLEV_T1	0	5	5	0	0.3	0.3	0	0	1	1	0	600	600	0
9/7/2023 11:32	43304 WATS_T2	4	14	10	0.38	0.48	0.1	-0.37	-0.36	1	1	0	600	600	0
9/7/2023 11:33	41602 CLEV_T1	0	5	5	0	0.3	0.3	0	0	1	1	0	600	600	0
9/7/2023 11:34	49803 UNIV_T1	1	2	1	0.3	1.1	0.8	0	0	0	0	0	0	0	0
9/7/2023 11:35	45602 WOOL_T1	0	0	0	0	0	0	1.01	1.06	0	0	0	0	0	0
9/7/2023 11:35	10805 CHHI_T2	74	105	31	0.91	0.77	-0.14	-0.43	-0.4	2	2	0	1800	1800	0
9/7/2023 11:36	20403 ASHF_T2	6	6	0	0.48	0.37	-0.11	0.81	1.98	0	0	0	0	0	0
9/7/2023 11:36	10801 CHHI_T1	34	47	13	0.6	0.63	0.03	-0.95	-0.83	3	3	0	2100	2100	0
9/7/2023 11:36	60701 BREC_T1	8	15	7	0.68	1.48	0.8	0.53	0.55	2	2	0	1200	1200	0
9/7/2023 11:37	61801 EELI_T2	0	0	0	0	0	0	0.02	-0.01	1	1	0	600	600	0
9/7/2023 11:38	63403 HONY_T2	1	1	0	0.4	0.4	0	-1.05	-1.02	1	1	0	600	600	0
9/7/2023 11:38	45002 LIME_2	1	1	0	0.7	1.1	0.4	0	0	0	0	0	0	0	0
9/7/2023 11:38	45802 HEGI_T2	0	0	0	0	0	0	0.15	0.14	2	2	0	1200	1200	0
9/7/2023 11:39	23401 HONE_T2	2	3	1	0.3	0.2	-0.1	0.22	0.23	0	0	0	0	0	0
9/7/2023 11:40	52402 GRPA_T2	1	1	0	2.1	3.3	1.2	0	0	0	0	0	0	0	0
9/7/2023 11:40	52404 GRPA_T2	0	0	0	0	0	0	0.21	0.28	0	0	0	0	0	0
9/7/2023 11:40	28403 HART_T2	0	0	0	0	0	0	-0.58	-0.59	1	1	0	900	900	0
9/7/2023 11:41	52403 GRPA_T2	11	7	-4	0.59	0.9	0.31	-0.91	-0.98	0	0	0	0	0	0
9/7/2023 11:41	52401 GRPA_T2	2	1	-1	0.2	0.3	0.1	0	0	0	0	0	0	0	0
9/7/2023 11:42	54701 NEBL_T1	0	1	1	0	0	0	0	0	1	1	0	600	600	0
9/7/2023 11:42	46301 ROHR_T1	1	2	1	0.2	0	-0.2	0	0	0	0	0	0	0	0
9/7/2023 11:43	43201 MVIL_T2	2	7	5	0.4	0.9	0.5	0	0	0	0	0	0	0	0
9/7/2023 11:44	54701 NEBL_T1	0	1	1	0	0	0	0	0	1	1	0	600	600	0
9/7/2023 11:45	44905 SCOT_T1	4	10	6	0.73	0.73	0	0	0	0	0	0	0	0	0
9/7/2023 11:46	49803 UNIV_T1	1	2	1	1.1	1.1	0	-0.2	-1.42	0	0	0	0	0	0
9/7/2023 11:47	56803 BENV_T1	6	4	-2	0.82	0.53	-0.29	0.07	0.11	1	1	0	600	600	0
9/7/2023 11:47	20403 ASHF_T2	6	25	19	0.47	0.4	-0.07	0.81	1.98	0	0	0	0	0	0
9/7/2023 11:47	56802 BENV_T2	1	1	0	0.3	0.2	-0.1	-0.74	-0.69	0	0	0	0	0	0
9/7/2023 11:48	53602 DALM_T2	0	1	1	0	0	0	0	0	0	0	0	0	0	0
9/7/2023 11:48	41602 CLEV_T1	4	5	1	0.35	0.37	0.02	0	0	1	1	0	600	600	0
9/7/2023 11:49	41602 CLEV_T1	4	5	1	0.35	0.37	0.02	0	0	1	1	0	600	600	0
9/7/2023 11:50	49804 UNIV_T1	1	1	0	0.8	0.6	-0.2	2.11	2.1	0	0	0	0	0	0
9/7/2023 11:50	53601 DALM_T2	1	2	1	6	0.45	-5.55	-0.33	-0.49	1	1	0	600	600	0
9/7/2023 11:50	56802 BENV_T2	1	1	0	0.3	0.2	-0.1	-0.69	-0.66	0	0	0	0	0	0
9/7/2023 11:51	60701 BREC_T1	12	16	4	1.48	1.78	0.3	0.55	0.56	2	2	0	1200	1200	0
9/7/2023 11:51	28403 HART_T2	0	0	0	0	0	0	-0.59	-0.52	1	1	0	900	900	0
9/7/2023 11:51	10805 CHHI_T2	100	164	64	0.96	0.86	-0.1	-0.4	-0.47	2	2	0	1800	1800	0
9/7/2023 11:51	56802 BENV_T2	1	1	0	0.3	0.2	-0.1	-0.69	-0.66	0	0	0	0	0	0
9/7/2023 11:51	45602 WOOL_T1	0	0	0	0	0	0	1.06	1.07	0	0	0	0	0	0
9/7/2023 11:51	10801 CHHI_T1	33	139	106	0.66	0.6	-0.06	-0.83	-0.77	3	3	0	2100	2100	0
9/7/2023 11:52	56802 BENV_T2	1	1	0	0.3	0.2	-0.1	-0.69	-0.66	0	0	0	0	0	0
9/7/2023 11:53	63403 HONY_T2	1	0	-1	0.4	0	-0.4	-1.02	-1.09	1	1	0	600	600	0
9/7/2023 11:53	17805 GILB_T2	0	1	1	0	0	0	0	0	0	0	0	0	0	0
9/7/2023 11:53	40101 HUNT_T2	12	28	16	0.34	0.35	0.01	-0.5	-0.52	0	0	0	0	0	0
9/7/2023 11:53	45802 HEGI_T2	0	1	1	0	0	0	0.14	0.12	2	2	0	1200	1200	0
9/7/2023 11:55	52403 GRPA_T2	3	33	30	0.43	0.95	0.52	-0.49	-0.52	0	0	0	0	0	0
9/7/2023 11:55	52402 GRPA_T2	1	1	0	2.8	3.3	0.5	0	0	0	0	0	0	0	0
9/7/2023 11:55	23401 HONE_

Appendix C - Grid Benefits Achieved in Each Instance of Active Management

9/7/2023 13:00	43304 WATS_T2	5	16	11	0.38	0.44	0.06	-0.79	-0.79	1	1	0	600	600	0
9/7/2023 13:01	43304 WATS_T2	5	16	11	0.38	0.44	0.06	-0.79	-0.79	1	1	0	600	600	0
9/7/2023 13:01	43301 WATS_T2	0	0	0	0	0	0	-0.02	-0.05	1	1	0	900	900	0
9/7/2023 13:02	60701 BREC_T1	12	112	100	1.66	0.57	-1.09	0.59	0.59	2	2	0	1200	1200	0
9/7/2023 13:02	15001 BLMO_T1	7	17	10	0.41	0.32	-0.09	0	0	0	0	0	0	0	0
9/7/2023 13:03	49804 UNIV_T1	1	2	1	1.5	1.2	-0.3	2.26	2.32	0	0	0	0	0	0
9/7/2023 13:03	41602 CLEV_T1	5	22	17	0.32	0.27	-0.05	0	0	1	1	0	600	600	0
9/7/2023 13:04	43304 WATS_T2	5	16	11	0.38	0.44	0.06	-0.79	-0.7	1	1	0	600	600	0
9/7/2023 13:04	49804 UNIV_T1	1	2	1	1.5	1.2	-0.3	0	0	0	0	0	0	0	0
9/7/2023 13:04	60701 BREC_T1	12	112	100	1.66	0.57	-1.09	0.59	0.64	2	2	0	1200	1200	0
9/7/2023 13:05	20401 ASHF_T2	9	16	7	0.76	0.78	0.02	0	0	0	0	0	0	0	0
9/7/2023 13:05	60701 BREC_T1	12	112	100	1.66	0.57	-1.09	1.17	1.29	4	4	0	2400	2400	0
9/7/2023 13:06	60701 BREC_T1	12	112	100	1.66	0.57	-1.09	0.59	0.64	2	2	0	1200	1200	0
9/7/2023 13:07	11101 EGYP_T1	4	5	1	0.63	1.08	0.45	0	0	0	0	0	0	0	0
9/7/2023 13:19	11101 EGYP_T1	5	5	0	1.28	1.1	-0.18	0	0	0	0	0	0	0	0
9/7/2023 13:19	49803 UNIV_T1	1	1	0	1.4	1.8	0.4	0	0	0	0	0	0	0	0
9/7/2023 13:19	41602 CLEV_T1	3	38	35	0.27	0.4	0.13	0	0	1	1	0	600	600	0
9/7/2023 13:20	49803 UNIV_T1	1	1	0	1.4	1.8	0.4	-1.27	-1.15	0	0	0	0	0	0
9/7/2023 13:22	20402 ASHF_T2	49	57	8	0.59	0.47	-0.12	0	0	0	0	0	0	0	0
9/7/2023 13:22	11101 EGYP_T1	5	5	0	1.28	1.1	-0.18	0	0	0	0	0	0	0	0
9/7/2023 13:24	11102 EGYP_T1	30	32	2	0.9	0.96	0.06	0.65	0.68	0	0	0	0	0	0
9/7/2023 13:28	44203 POIN_T2	25	81	56	0.5	0.51	0.01	-0.05	-0.03	3	3	0	3300	3300	0
9/7/2023 13:28	61202 REIN_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9/7/2023 13:50	15001 BLMO_T1	3	1	-2	0.43	0.2	-0.23	0	0	0	0	0	0	0	0
9/7/2023 13:54	45802 HEGI_T2	16	49	33	0.34	0.37	0.03	0.21	0.57	2	2	0	1200	1200	0
9/7/2023 13:54	40101 HUNT_T2	228	253	25	0.51	0.44	-0.07	-1.83	-2.01	0	0	0	0	0	0
9/7/2023 13:56	40101 HUNT_T2	228	253	25	0.51	0.44	-0.07	-0.91	-1	0	0	0	0	0	0
9/7/2023 13:57	52401 GRPA_T2	9	8	-1	0.4	0.1	-0.3	0	0	0	0	0	0	0	0
9/7/2023 13:57	52404 GRPA_T2	3	1	-2	0.23	0	-0.23	0.66	0.66	0	0	0	0	0	0
9/7/2023 13:58	52402 GRPA_T2	1	1	0	2.9	4.2	1.3	0	0	0	0	0	0	0	0
9/7/2023 13:59	46302 ROHR_T1	3	7	4	0.73	0.75	0.02	-0.13	-0.13	0	0	0	0	0	0
9/7/2023 13:59	57303 MOAL_T2	1	1	0	8.9	8.6	-0.3	0	0	0	0	0	0	0	0
9/7/2023 14:00	66703 STRA_T1	1	0	-1	0.2	0	-0.2	0.28	-0.28	0	0	0	0	0	0
9/7/2023 14:03	43301 WATS_T2	3	3	0	0.5	0.2	-0.3	0	0	0	0	0	0	0	0
9/7/2023 14:04	53601 DALM_T2	3	24	21	0.13	0.39	0.26	-1.47	-1.34	2	2	0	1200	1200	0
9/7/2023 14:06	53901 HALI_T2	0	3	3	0	0	0	0	0	0	0	0	0	0	0
9/7/2023 14:08	53901 HALI_T2	0	3	3	0	0	0	0	0	0	0	0	0	0	0
9/7/2023 14:09	53901 HALI_T2	0	3	3	0	0	0	0	0	0	0	0	0	0	0
9/7/2023 14:10	45802 HEGI_T2	19	49	30	0.37	0.56	0.19	0.57	0.38	2	2	0	1200	1200	0
9/7/2023 14:11	53902 HALI_T2	0	0	0	0	0	0	-0.61	-0.63	0	0	0	0	0	0
9/7/2023 14:11	54701 NEBL_T1	1	2	1	0.1	0.25	0.15	0	0	1	1	0	600	600	0
9/7/2023 14:11	44702 MUNC_T2	0	4	4	0	0	0	0	0	0	0	0	0	0	0
9/7/2023 14:12	65603 QVIL_T2	1	1	0	0.1	0	-0.1	0	0	0	0	0	0	0	0
9/7/2023 14:12	47403 PENS_T1	1	1	0	1.5	1.8	0.3	0	0	0	0	0	0	0	0
9/7/2023 14:13	65603 QVIL_T2	1	1	0	0.1	0	-0.1	0	0	0	0	0	0	0	0
9/7/2023 14:14	46302 ROHR_T1	4	7	3	1	0.63	-0.37	-0.13	-0.1	0	0	0	0	0	0
9/7/2023 14:14	13503 MCMI_T2	0	1	1	0	0	0	0.09	0.09	0	0	0	0	0	0
9/7/2023 14:14	54001 SDLE_T1	2	4	2	0.5	0.65	0.15	0	0	0	0	0	0	0	0
9/7/2023 14:14	57304 MOAL_T2	11	13	2	0.52	0.33	-0.19	-0.67	-0.64	0	0	0	0	0	0
9/7/2023 14:15	43202 MVIL_T2	4	2	-2	0.55	0.2	-0.35	-0.29	-0.26	0	0	0	0	0	0
9/7/2023 14:15	65602 QVIL_T2	2	2	0	1.45	1	-0.45	0	0	0	0	0	0	0	0
9/7/2023 14:15	45302 WBER_T2	2	6	4	0.35	0.37	0.02	0.73	0.72	0	0	0	0	0	0
9/7/2023 14:15	54001 SDLE_T1	0	4	4	0	0.7	0.7	0	0	0	0	0	0	0	0
9/7/2023 14:16	65603 QVIL_T2	1	1	0	0.3	0	-0.3	0.12	0.11	0	0	0	0	0	0
9/7/2023 14:16	43304 WATS_T2	20	55	35	0.52	0.57	0.05	-0.69	-0.66	1	1	0	600	600	0
9/7/2023 14:16	56504 ROCK_T2	10	6	-4	0.51	0	-0.51	0.66	0.53	0	0	0	0	0	0
9/7/2023 14:16	54001 SDLE_T1	0	4	4	0	0.7	0.7	0	0	0	0	0	0	0	0
9/7/2023 14:17	45303 WBER_T2	2	4	2	0.95	1.2	0.25	0	0	0	0	0	0	0	0
9/7/2023 14:17	56501 ROCK_T2	1	12	11	0.1	0.2	0.1	0	0	0	0	0	0	0	0
9/7/2023 14:17	49804 UNIV_T1	1	2	1	1.5	1.7	0.2	1.44	1.37	0	0	0	0	0	0
9/7/2023 14:18	56801 BENV_T1	10	9	-1	0.78	0.93	0.15	-0.56	-0.07	2	1	-1	1200	600	-600
9/7/2023 14:18	28604 BLYT_T2	0	0	0	0	0	0	-0.77	-0.74	0	0	0	0	0	0
9/7/2023 14:18	56802 BENV_T2	0	1	1	0	0.4	0.4	-0.67	-0.7	0	0	0	0	0	0
9/7/2023 14:18	49803 UNIV_T1	1	1	0	1.7	1.3	-0.4	-1.29	-1.37	0	0	0	0	0	0
9/7/2023 14:18	60701 BREC_T1	89	24	-65	0.57	1.33	0.76	1.19	1.03	4	4	0	2400	2400	0
9/7/2023 14:19	56803 BENV_T1	6	2	-4	0.53	0.5	-0.03	0.05	0.08	1	1	0	600	600	0
9/7/2023 14:19	43301 WATS_T2	3	2	-1	0.7	0	-0.7	0	0	0	0	0	0	0	0
9/7/2023 14:19	56802 BENV_T2	0	1	1	0	0.4	0.4	-1.4	-1.44	0	0	0	0	0	0
9/7/2023 14:19	53602 DALM_T2	0	11	11	0	0	0	0	0	0	0	0	0	0	0
9/7/2023 14:19	60701 BREC_T1	89	24	-65	0.57	1.33	0.76	1.54	0.83	6	6	0	3600	3600	0
9/7/2023 14:19	56801 BENV_T1	10	9	-1	0.78	0.93	0.15	-0.07	-0.07	2	1	-1	1200	600	-600
9/7/2023 14:20	56803 BENV_T1	6	2	-4	0.53	0.5	-0.03	0	0	0	0	0	0	0	0
9/7/2023 14:20	20403 ASHF_T2	0	0	0	0	0	0	0.6	1.57	0	0	0	0	0	0
9/7/2023 14:20	60701 BREC_T1	89	24	-65	0.57	1.33	0.76	0.51	0.28	2	2	0	1200	1200	0
9/7/2023 14:20	53602 DALM_T2	0	11	11	0	0	0	0	0	0	0	0	0	0	0
9/7/2023 14:21	60701 BREC_T1	89	24	-65	0.57	1.33	0.76	0.51	0.28	2	2	0	1200	1200	0
9/7/2023 14:21	56801 BENV_T1	10	9	-1	0.78	0.93	0.15	-0.07	-0.07	2	1	-1	1200	600	-600
9/7/2023 14:21	41602 CLEV_T1	40	67	27	0.45	0.42	-0.03	0	0	1	1	0	600	600	0
9/7/2023 14:21	44802 EDAN_T2	0	0	0	0	0	0	-2.56	-2.52	1	1	0	1200	1200	0
9/7/2023 14:22	63403 HONY_T2	4	6	2	0.28	0.35	0.07	-1.25	-1.23	1	1	0	600	600	0
9/7/2023 14:22	41602 CLEV_T1	40	67	27	0.45	0.42	-0.03	0	0	1	1	0	600	600	0
9/7/2023 14:22	60701 BREC_T1	89	24	-65	0.57	1.33	0.76	0.51	0.28	2	2	0	1200	1200	0
9/7/2023 14:23	56802 BENV_T2	0	1	1	0	0.4	0.4	-0.7	-0.72	0	0	0	0	0	0
9/7/2023 14:23	10805 CHHI_T2	358	220	-138	1.34	1.26	-0.08	-0.56	-0.55	2	2	0	1800	1800	0
9/7/2023 14:23	23401 HONE_T2	0	6	6	0	0	0	0.21	0.03	0	0	0	0	0	0
9/7/2023 14:23	56801 BENV_T1	10	9	-1	0.78	0.93	0.15	-0.07	-0.07	1	1	0	600	600	0
9/7/2023 14:24	45002 LIME_2	1	1	0	2.9	1.8	-1.1	0	0	0	0	0	0	0	0
9/7/2023 14:24	42901 MIDD_T2	6	5	-1	0.77	0.5	-0.27	0	0	0	0	0	0	0	0
9/7/2023 14:24	44801 EDAN_T2	2	23	21	1.55	0.49	-1.06	0	0	0	0	0	0	0	0
9/7/2023 14:24	13503 MCMI_T2	1	0	-1	0.2	0	-0.2	0.09	0.08	0	0	0	0	0	0
9/7/2023 14:24	57303 MOAL_T2	1	1	0	8.6	8.6	0	0	0	0	0	0	0	0	0
9/7/2023 14:24	56601 HAMP_T1	0	0	0	0	0	0	-0.02	-0.06	0	0	0	0	0	0
9/7/2023 14:24	41801 GOCI_T2	1	2	1	0.4	0.1	-0.3	0	0	1	1	0	900	900	0
9/7/2023 14:24	10801 CHHI_T1	205	206	1	1.05	0.68	-0.37	-0.74	-0.77	3	3	0	2100	2100	0
9/7/2023 14:25	42902 MIDD_T2	47	55	8	1.11	1.32	0.21	0	0	0	0	0	0	0	0
9/7/2023 14:25	43201 MVIL_T2	21	32	11	0.53	0.67	0.14	0	0	0	0	0	0	0	0
9/7/2023 14:25	45003 LIME_2	27	16	-11	0.38	0.3	-0.08	0	0	2	2	0	2400	2400	0
9/7/2023 14:25	40101 HUNT_T2	221	216	-5	0.53	0.65	0.12	-0.86	-0.92	0	0	0	0	0	0
9/7/2023 14:26	47402 PENS_T1	5	3	-2	0.66	0.1	-0.56	0	0	0	0	0	0	0	0
9/7/2023 14:26	45802 HEGI_T2	49	44	-5	0.55	0.5	-0.05	0.38	0.32	2	2	0	1200	1200	0
9/7/2023 14:26	44701 MUNC_T2	0	3	3	0	0	0	0	0	0	0	0	0	0	0
9/7/2023 14:27	45001 LIME_2	126	125	-1	1.2	0.98	-0.22	0	0	0	0	0	0	0	0
9/7/2023 14:27	47401 PENS_T1	6	9	3	0.68	0.74	0.06	2.71	2.94	0	0	0	0	0	0
9/7/2023 14:27	65602 QVIL_T2	2	2	0	1.45	1	-0.45	0	0	0	0	0	0	0	0
9/7/2023 14:28	45002 LIME_2	1	1	0	2.9	1.8	-1.1	0	0	0	0	0	0	0	0
9/7/2023 14:28	41902 REED_T1	33	94	61	0.46	0.55	0.09	0	0	0	0	0	0	0	0
9/7/2023 14:28	52403 GRPA_T2	2	53	51	0.4	0.7	0.3	-0.01	-0.1	0	0	0	0	0	0
9/7/2023 14:29	52402 GRPA_T2	1	1	0	4.2	3.8	-0.4	0	0	0	0	0	0	0	0
9/7/2023 14:29	41901 REED_T1	29	51	22	0.39	0.35	-0.04	0	0	0	0	0	0	0	0
9/7/2023 14:29	42601 TUSC_T1	2	1	-1	0.15	0	-0.15	-1.2	-0.01	3	3	0	2400	2400	0
9/7/2023 14:30	43304 WATS_T2	23	65	42	0.56	0.74	0.18	-0.66	-0.63	1	1	0	600	600	0
9/7/2023 14:30	42601 TUSC_T1	0	4	4	0	0	0	-1.2	-0.01	3	3	0	2400	2400	0
9/7/2023 14:30	52401 GRPA_T2	1	0	-1	0.1	0	-0.1	0	0	0	0	0	0	0	0
9/7/2023 14:30	55101 WERT_T1	37	43	6	0.65	0.52	-0.13	-1.31	-1.27	4	4	0	3300	3300	0
9/7/2023 14:31	65602 QVIL_T2	2	2	0	1.6	1.4	-0.2	0	0	0	0	0	0	0	0
9/7/2023 14:31	66701 STRA_T1	1	0	-1	1.2	0	-1.2	0	0	0	0	0	0	0	0
9/7/2023 14:31	45303 WBER_T2	4	2	-2	0.7	1.9	1.2	0	0	0	0	0	0	0	0
9/7/2023 14:32	43301 WATS_T2	1	1	0	0.2	0	-0.2	0	0	0	0	0	0	0	0
9/7/2023 14:32	65603 QVIL_T2	0	1	1	0	0	0	0.11	0.19	0	0	0	0	0	0
9/7/2023 14:32	55101 WERT_T1	37	43	6	0.65	0.52	-0.13	-3.94	-3.8	12	12	0	9900	9900	0
9/7/2023 14:33	43301 WATS_T2	1	1	0	0.2	0	-0.2	0	0	0	0	0	0	0	0
9/7/2023 14:33	67602 WARW_T2	0	0	0	0	0	0	-0.03	-0.03	2	2	0	1500	1500	0
9/7/2023 14:33	45302 WBER_T2	3	7	4	0.73	0.36	-0.37	0.72	0.73	0	0	0	0	0	0
9/7/2023 14:33	56802 BENV_T2	1	2	1	0.2	0.25	0.05	-0.7	-0.72	0	0	0	0	0	0
9/7/2023 14:34	43301 WATS_T2	1	1	0	0.2	0	-0.2	0	0	0	0	0	0	0	0
9/7/2023 14:34	55101 WERT_T1	37	43	6	0.65	0.52	-0.13	-1.27	-1.3	4	4	0	3300	3300	0
9/7/2023 14:34	45602 WOOL_T1	0	25	25	0	0	0	0.43	1.26	1	1	0	900	900	0
9/7/2023 14:34	60701 BREC_T1	24	15	-9	1.06	1.71	0.65	0.28	0.07	2	2	0	1200	1200	0
9/7/2023 14:34	49803 UNIV_T1	1	1	0	1.1	1.3	0.2	-1.35	-1.41	0	0	0	0	0	0
9/7/2023 14:34	10801 CHHI_T1	206	151	-55	1.09	0.61	-0.48	-0.77	-0.8	3	3	0	2100	2100	0
9/7/2023 14:34	10805 CHHI_T2	218	138	-80	1.22	1.09	-0.13	-0.55	-0.59	2	2	0	1800	1800	0
9/7/2023 14:34	56802 BENV_T2	1	2	1	0.2	0.25	0.05	-1.44	-1.56	0	0	0	0	0	0
9/7/2023 14:34	53601 DALM_T2	7	3	-4	0.39	0.6	0.21	-0.74	-1.08	1	1	0	600	600	0
9/7/2023 14:35	56802 BENV_T2	1	2	1	0.2	0.25	0.05	-0.72	-0.78	0	0	0	0	0	0
9/7/2023 14:35	20401 ASHF_T2	1	2	1	0.4	0.3	-0.1	0	0	0	0	0	0	0	0
9/7/2023 14:35	43304 WATS_T2	23	65	42	0.56	0.74	0.18	-0.63	-0.6	1	1	0	600	600	0
9/7/2023 14:35	56801 BENV_T1	8	9	1	0.68	0.96	0.28	0	0	0	0	0	0	0	0
9/7/2023 14:35	60103 COCA_T2	13	11	-2	0.42	0.47	0.05	-1.55	-1.48	3	3	0	3300	3300	0
9/7/2023 14:35	53601 DALM_T2	7	3	-4	0.39	0.6	0.21	-0.74	-1.08	1	1	0	600	600	0
9/7/2023 14:35	61303 EARL_T1	2	1	-1	0.45	0.7	0.25	-0.13	-0.44	0	0	0	0	0	0
9/7/2023 14:35	59003 MIFF_T1	0	0	0	0	0	0	-0.73	0.39	0	0	0	0	0	0
9/7/2023 14:36	12206 FOGE_T2	0	0	0	0	0	0	-0.44	-0.51	3	3	0	3300	3300	0
9/7/2023 14:37	61303 EARL_T1	2	1	-1	0.45	0.7	0.25	-0.13	-0.44	0	0	0	0	0	0
9/7/2023 14:38	45002 LIME_2	1	1	0	2.5	0.5	-2	0	0	0	0	0	0	0	0
9/7/2023 14:38	23401 HONE_T2	2	0	-2	0.65	0	-0.65	0.03	0.21	0	0	0	0	0	0
9/7/2023 14:38	63403 HONY_T2	6	2	-4	0.42	0.25	-0.17	-1.23	-1.22	1	1	0	600	600	0
9/7/2023 14:39	42001 MNVL_T2	0	0	0	0	0	0	0.45	0.56	0	0	0	0	0	0
9/7/2023 14:40	42902 MIDD_T2	53	54	1	2.68	0.88	-1.8	-0.17	-0.25	2	2	0	900	900	0
9/7/2023 14:40	17805 GILB_T2	0	0	0	0	0	0	0.12	0.11	0	0	0	0	0	0
9/7/2023 14:40	45002 LIME_2	1	1	0	2.5	0.5	-2	0	0	0	0	0	0	0	0
9/7/2023 14:40	13503 MCMI_T2	0	0	0	0	0	0	0.08	0.09	0	0	0	0	0	0
9/7/2023 14:40	41801 GOCI_T2	1	2	1	0.1	0.2	0.1	0	0	1	1	0	900	900	0
9/7/2023 14:41	42901 MIDD_T2	4	2	-2	0.63	0	-0.63	1	0.97	1	1	0	1200	1200	0
9/7/2023 14:41	45802 HEGI_T2	30	44	14	0.57	0.39	-0.18	0.32	0.06	2	2	0	1200	1200	0
9/7/2023 14:41	43202 MVIL_T2	2	4	2	0.25	0.2	-0.05	-0.28	-0.22	0	0	0	0	0	0
9/7/2023 14:41	40101 HUNT_T2	202	106	-96	0.62	0.86	0.24	-0.92	-0.99	0	0	0	0	0	0
9/7/2023 14:41	45002 LIME_2	1	1	0	2.5	0.5	-2	0	0	0	0	0	0	0	0
9/7/2023 14:41	57304 MOAL_T2	13	16	3	0.41	0.74	0.33	-1.25	-1.19	0	0	0	0	0	0
9/7/2023 14:42	47104 MARL_T1	1	0	-1	0.4	0	-0.4	0	0	0	0	0	0	0	0
9/7/2023 14:42	44703 MUNC_T2	11	19	8	0.66	0.64	-0.02	1.56	1.51	0	0	0	0	0	0
9/7/2023 14:42	45003 LIME_2	15	2	-13	0.39	1.6	1.21	0	0	2	2	0	2400	2400	0
9/7/2023 14:42	65603 QVIL_T2	0	1	1	0	0	0	0.19	-0.07	0	0	0	0	0	0
9/7/2023 14:43	65604 QVIL_T2	0	0	0	0	0	0	-0.23	-0.22	0	0	0	0	0	0
9/7/2023 14:44	56504 ROCK_T2	6	0	-6	0.18	0	-0.18	1.01	1.11	0	0	0	0	0	0
9/7/2023 14:44	66503 SMAN_T2	18	33	15	0.59	0.63	0.04	0	0	0	0	0	0	0	0
9/7/2023 14:44	41901 REED_T1	30	61	31	0.38	0.4	0.02	-0.74	-0.76	1	1	0	900	900	0
9/7/2023 14:45	41903 REED_T1	6	6	0	2.2	1.53	-0.67	0	0	0	0	0	0	0	0
9/7/2023 14:45	52401 GRPA_T2	0	1	1	0	0.6	0.6	0	0	0	0	0	0	0	0
9/7/2023 14:46	65604 QVIL_T2	0	0	0	0	0	0	-0.23	-0.22	0	0	0	0	0	0
9/7/2023 14:46	43304 WATS_T2	54	57	3	0.7	0.79	0.09	-0.63	-0.6	1	1	0	600	600	0
9/7/2023 14:46	42701 AUGU_T1	2	3	1	0.45	0.5	0.05	0	0	2	2	0	1800	1800	0
9/7/2023 14:46	54001 SDLE_T1	3	255	252	0.83	0.83	0	0	0	0	0	0	0	0	0
9/7/2023 14:46	46302 ROHR_T1	5	5	0	0.66	0.93	0.27	-0.1	-0.08	0	0	0	0	0	0
9/7/2023 14:46	55101 WERT_T1	40	40	0	0.66	0.4	-0.26	-1.27	-1.3	4	4	0	3300	3300	0
9/7/2023 14:47	56501 ROCK_T2	8	1	-7	0.15	0	-0.15	-2.43	-1.8	0	0	0	0	0	0
9/7/2023

9/7/2023 15:16	52404 GRPA_T2	1	1	0	0.5	0.6	0.1	0	0	0	0	0	0	0	0
9/7/2023 15:17	26603 BROO_T1	0	2	2	0	0	0	0.61	0.58	0	0	0	0	0	0
9/7/2023 15:17	64101 REFR_T1	0	0	0	0	0	0	-0.32	-0.31	0	0	0	0	0	0
9/7/2023 15:18	64101 REFR_T1	0	0	0	0	0	0	-0.32	-0.31	0	0	0	0	0	0
9/7/2023 15:19	41602 CLEV_T1	20	54	34	0.47	0.41	-0.06	0	0	2	2	0	1200	1200	0
9/7/2023 15:20	44801 EDAN_T2	22	116	94	0.61	0.98	0.37	0	0	0	0	0	0	0	0
9/7/2023 15:23	40101 HUNT_T2	10	0	-10	0.52	0	-0.52	-1	-1.05	0	0	0	0	0	0
9/7/2023 15:23	17804 GILB_T2	0	0	0	0	0	0	-0.23	-0.25	0	0	0	0	0	0
9/7/2023 15:29	61202 REIN_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9/7/2023 15:31	67602 WARW_T2	0	0	0	0	0	0	-0.02	-0.07	2	2	0	1500	1500	0
9/7/2023 15:32	52402 GRPA_T2	3	4	1	1.23	0.85	-0.38	0	0	0	0	0	0	0	0
9/7/2023 15:32	66505 SMAN_T2	4	4	0	0.33	0.27	-0.06	-0.2	-0.28	4	4	0	2300	2300	0
9/7/2023 15:32	45902 AUBU_T1	4	0	-4	0.8	0	-0.8	0.09	0.31	1	1	0	600	600	0
9/7/2023 15:33	64101 REFR_T1	0	0	0	0	0	0	-0.31	-0.34	0	0	0	0	0	0
9/7/2023 15:33	56802 BENV_T2	413	419	6	1.27	0.4	-0.87	-0.16	-0.21	0	0	0	0	0	0
9/7/2023 15:34	44301 BEAV_T2	1	0	-1	0.2	0	-0.2	0.37	0.26	1	1	0	600	600	0
9/7/2023 15:34	56801 BENV_T1	12	16	4	1.09	0.99	-0.1	-0.29	-0.25	1	1	0	600	600	0
9/7/2023 15:36	56802 BENV_T2	413	419	6	1.27	0.4	-0.87	-0.21	-0.14	0	0	0	0	0	0
9/7/2023 15:41	44802 EDAN_T2	0	0	0	0	0	0	-2.66	-2.36	1	1	0	1200	1200	0
9/7/2023 15:41	63404 HONY_T1	8	3	-5	1.5	5.15	3.65	0	0	0	0	0	0	0	0
9/7/2023 15:43	13606 RICH_T2	12	23	11	0.57	0.38	-0.19	0.48	0.52	0	0	0	0	0	0
9/7/2023 15:43	66901 SHIL_T2	0	0	0	0	0	0	-2.4	-2.45	1	1	0	1200	1200	0
9/7/2023 15:43	64101 REFR_T1	0	0	0	0	0	0	-0.34	-0.3	0	0	0	0	0	0
9/7/2023 15:44	56801 BENV_T1	12	16	4	1.09	0.99	-0.1	-0.29	-0.25	1	1	0	600	600	0
9/7/2023 15:45	44201 POIN_T1	52	52	0	1.73	1.64	-0.09	-1.15	-1.26	2	2	0	2100	2100	0
9/7/2023 15:45	56802 BENV_T2	258	1	-257	1.6	0	-1.6	-0.21	-0.14	0	0	0	0	0	0
9/7/2023 15:46	56802 BENV_T2	258	1	-257	1.6	0	-1.6	-0.21	-0.14	0	0	0	0	0	0
9/7/2023 15:46	44201 POIN_T1	52	52	0	1.73	1.64	-0.09	-1.15	-1.26	2	2	0	2100	2100	0
9/7/2023 15:47	44201 POIN_T1	52	52	0	1.73	1.64	-0.09	-1.15	-1.26	2	2	0	2100	2100	0
9/7/2023 15:47	60701 BREC_T1	5	6	1	1.2	1.5	0.3	-0.29	-0.33	2	2	0	1200	1200	0
9/7/2023 15:49	56801 BENV_T1	16	11	-5	0.99	0.94	-0.05	0	0	0	0	0	0	0	0
9/7/2023 15:49	26603 BROO_T1	0	2	2	0	0	0	0.4	0.38	0	0	0	0	0	0
9/7/2023 15:51	44802 EDAN_T2	0	0	0	0	0	0	-2.36	-2.41	1	1	0	1200	1200	0
9/7/2023 15:52	56802 BENV_T2	258	1	-257	1.6	0	-1.6	-0.14	-0.07	0	0	0	0	0	0
9/7/2023 15:52	47001 HUGH_T2	0	13	13	0	0.87	0.87	0.06	-0.29	0	0	0	0	0	0
9/7/2023 15:53	47901 HRDG_T1	0	0	0	0	0	0	1.32	1.18	1	1	0	1200	1200	0
9/7/2023 15:55	53903 HALI_T2	2	2	0	0.75	0.65	-0.1	0.02	0.01	0	0	0	0	0	0
9/7/2023 15:56	47901 HRDG_T1	0	0	0	0	0	0	1.32	1.18	1	1	0	1200	1200	0
9/7/2023 15:58	66901 SHIL_T2	0	2	2	0	0.1	0.1	-2.45	-2.49	1	1	0	1200	1200	0
9/7/2023 16:03	56802 BENV_T2	2	0	-2	0.4	0	-0.4	-0.14	-0.07	0	0	0	0	0	0
9/7/2023 16:09	46204 DANV_T2	2	10	8	0.35	0.4	0.05	0	0	0	0	0	0	0	0
9/7/2023 16:14	66901 SHIL_T2	0	4	4	0	0.15	0.15	-2.49	-2.46	1	1	0	1200	1200	0
9/7/2023 16:27	49804 UNIV_T1	1	0	-1	1	0	-1	0	0	0	0	0	0	0	0
9/7/2023 16:28	42201 SHEN_T2	1	2	1	0.1	0.4	0.3	-0.23	-0.32	2	2	0	1200	1200	0
9/7/2023 16:29	13704 SCHN_T2	0	0	0	0	0	0	-0.41	-0.41	0	0	0	0	0	0
9/7/2023 16:30	28602 BLYT_T2	0	1	1	0	0	0	0	0	0	0	0	0	0	0
9/7/2023 16:31	56504 ROCK_T2	0	0	0	0	0	0	0.36	0.35	0	0	0	0	0	0
9/7/2023 16:35	45901 AUBU_T1	0	10	10	0	0.14	0.14	0	0	0	0	0	0	0	0
9/7/2023 16:36	26603 BROO_T1	0	9	9	0	0.13	0.13	0.54	0.49	0	0	0	0	0	0
9/7/2023 16:53	49803 UNIV_T1	0	0	0	0	0	0	-0.51	-0.5	0	0	0	0	0	0
9/7/2023 16:57	26603 BROO_T1	9	3	-6	0.33	0	-0.33	0.49	0.48	0	0	0	0	0	0
9/7/2023 17:01	45901 AUBU_T1	5	10	5	0.14	0.22	0.08	0.73	0.8	0	0	0	0	0	0
9/7/2023 17:06	64101 REFR_T1	0	0	0	0	0	0	-0.02	-0.03	0	0	0	0	0	0
9/7/2023 17:08	48302 ORWI_T2	2	2	0	1.15	1.05	-0.1	-0.26	-0.32	0	0	0	0	0	0
9/7/2023 17:20	14403 SSLA_T1	1	1	0	1.6	0	-1.6	1.38	1.26	0	0	0	0	0	0
9/7/2023 17:24	14403 SSLA_T1	1	1	0	1.6	0	-1.6	1.38	1.26	0	0	0	0	0	0
9/7/2023 17:33	52403 GRPA_T2	0	1	1	0	0	0	-0.25	-0.31	0	0	0	0	0	0
9/7/2023 17:35	15001 BLMO_T1	0	4	4	0	0	0	0	0	0	0	0	0	0	0
9/7/2023 17:36	29402 BELT_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9/7/2023 17:37	15001 BLMO_T1	0	4	4	0	0	0	0	0	0	0	0	0	0	0
9/7/2023 17:40	45602 WOOL_T1	0	0	0	0	0	0	0.91	0.95	0	0	0	0	0	0
9/7/2023 17:42	15001 BLMO_T1	0	4	4	0	0	0	0	0	0	0	0	0	0	0
9/7/2023 17:46	54001 SDLE_T1	2	2	0	0.95	0.6	-0.35	0	0	0	0	0	0	0	0
9/7/2023 17:49	13503 MCMI_T2	0	0	0	0	0	0	0.08	0.06	0	0	0	0	0	0
9/7/2023 17:58	45302 WBER_T2	0	0	0	0	0	0	0.61	0.61	0	0	0	0	0	0
9/7/2023 18:12	48302 ORWI_T2	2	2	0	1.35	1.35	0	-0.36	0.23	0	0	0	0	0	0
9/7/2023 18:12	61202 REIN_T1	38	53	15	0.43	0.58	0.15	0	0	0	0	0	0	0	0
9/7/2023 18:37	60604 NCOL_T2	0	0	0	0	0	0	0.51	0.49	0	0	0	0	0	0
9/7/2023 18:41	42601 TUSC_T1	0	0	0	0	0	0	0.52	0.56	2	2	0	1800	1800	0
9/7/2023 18:53	64101 REFR_T1	0	95	95	0	0	0	0.39	0.37	0	0	0	0	0	0
9/7/2023 18:54	64101 REFR_T1	0	95	95	0	0	0	0.39	0.37	0	0	0	0	0	0
9/7/2023 18:57	61202 REIN_T1	52	60	8	0.58	0.82	0.24	0	0	0	0	0	0	0	0
9/7/2023 18:58	20403 ASHF_T2	0	0	0	0	0	0	0.51	0.49	0	0	0	0	0	0
9/7/2023 19:00	64101 REFR_T1	95	0	-95	0.45	0	-0.45	0.39	0.37	0	0	0	0	0	0
9/7/2023 19:01	60501 NMAN_T2	3	3	0	3.93	3.23	-0.7	0	0	0	0	0	0	0	0
9/7/2023 19:08	66505 SMAN_T2	1	1	0	0.5	0	-0.5	-1.1	0.69	1	1	0	900	900	0
9/7/2023 19:15	14801 TREI_T2	0	0	0	0	0	0	0.84	0.84	0	0	0	0	0	0
9/7/2023 19:17	12206 FOGE_T2	0	0	0	0	0	0	-0.72	-0.72	3	3	0	3300	3300	0
9/7/2023 19:17	14801 TREI_T2	0	0	0	0	0	0	0.84	0.84	0	0	0	0	0	0
9/7/2023 19:23	65902 SAKR_T2	0	0	0	0	0	0	-0.15	-0.16	1	1	0	900	900	0
9/7/2023 19:26	16301 ALPA_T1	0	0	0	0	0	0	-1	-0.99	0	0	0	0	0	0
9/7/2023 19:29	24102 EHAZ_T1	5	12	7	0.58	0	-0.58	0	0	0	0	0	0	0	0
9/7/2023 19:32	65604 QVIL_T2	0	0	0	0	0	0	0.09	0.9	0	0	0	0	0	0
9/7/2023 19:35	64101 REFR_T1	0	0	0	0	0	0	0.37	0.35	0	0	0	0	0	0
9/7/2023 19:35	29401 BELT_T1	0	0	0	0	0	0	0	0	0	1	1	0	900	900
9/7/2023 19:36	66703 STRA_T1	0	0	0	0	0	0	0.18	0.37	0	0	0	0	0	0
9/7/2023 19:39	42601 TUSC_T1	0	0	0	0	0	0	0.49	0.35	2	2	0	1800	1800	0
9/7/2023 19:41	54701 NEBL_T1	6	6	0	0.38	0.35	-0.03	0	0	1	1	0	600	600	0
9/7/2023 19:42	65604 QVIL_T2	0	0	0	0	0	0	0.9	0.83	0	0	0	0	0	0
9/7/2023 19:55	46203 DANV_T2	0	0	0	0	0	0	0.51	0.51	0	0	0	0	0	0
9/7/2023 20:09	12701 MACU_T1	0	0	0	0	0	0	-0.77	-0.8	1	1	0	1200	1200	0
9/7/2023 20:12	23401 HONE_T2	0	0	0	0	0	0	0.09	0.09	0	0	0	0	0	0
9/7/2023 20:13	65604 QVIL_T2	0	0	0	0	0	0	0.84	0.83	0	0	0	0	0	0
9/7/2023 20:20	10805 CHHI_T2	11	21	10	1.42	2.73	1.31	-0.26	-0.35	1	1	0	600	600	0
9/7/2023 20:24	16301 ALPA_T1	1	1	0	0.1	0.3	0.2	-1.04	-1.13	0	0	0	0	0	0
9/7/2023 20:28	11104 EGYP_T1	0	0	0	0	0	0	0.54	0.54	0	0	0	0	0	0
9/7/2023 20:33	17804 GILB_T2	0	0	0	0	0	0	-0.4	-0.38	0	0	0	0	0	0
9/7/2023 20:35	10801 CHHI_T1	0	0	0	0	0	0	-0.4	-0.43	1	1	0	900	900	0
9/7/2023 20:37	29402 BELT_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9/7/2023 20:39	29401 BELT_T1	0	3	3	0	0.1	0.1	0	0	1	1	0	900	900	0
9/7/2023 20:40	29401 BELT_T1	0	3	3	0	0.1	0.1	0	0	1	1	0	900	900	0
9/7/2023 20:50	67502 WEWI_T2	0	0	0	0	0	0	-1.07	-1.11	1	1	0	900	900	0
9/7/2023 20:53	67502 WEWI_T2	0	0	0	0	0	0	-1.07	-1.11	1	1	0	900	900	0
9/7/2023 21:02	67602 WARW_T2	0	0	0	0	0	0	0.52	0.51	2	2	0	1500	1500	0
9/7/2023 21:03	45902 AUBU_T1	0	0	0	0	0	0	0.11	0.01	0	0	0	0	0	0
9/7/2023 21:05	44301 BEAV_T2	2	0	-2	6.8	0	-6.8	-0.03	0.24	1	1	0	600	600	0
9/7/2023 21:09	60104 COCA_T2	4	4	0	0.53	0.33	-0.2	0	0	0	0	0	0	0	0
9/7/2023 21:11	45901 AUBU_T1	18	15	-3	0.18	0.21	0.03	0	0	0	0	0	0	0	0
9/7/2023 21:14	60701 BREC_T1	0	0	0	0	0	0	-0.14	-0.15	1	1	0	600	600	0
9/7/2023 21:14	41602 CLEV_T1	0	0	0	0	0	0	0	0	1	1	0	600	600	0
9/7/2023 21:17	60701 BREC_T1	0	0	0	0	0	0	-0.14	-0.15	1	1	0	600	600	0
9/7/2023 21:21	47901 HRDG_T1	0	0	0	0	0	0	1.38	1.32	1	1	0	1200	1200	0
9/7/2023 21:24	47901 HRDG_T1	0	0	0	0	0	0	1.38	1.32	1	1	0	1200	1200	0
9/7/2023 21:27	45003 LIME_2	1	1	0	3.2	3.6	0.4	0	0	1	1	0	1200	1200	0
9/7/2023 21:27	53901 HALI_T2	0	2	2	0	0.15	0.15	0	0	0	0	0	0	0	0
9/7/2023 21:28	41902 REED_T1	0	1	1	0	0	0	0	0	0	0	0	0	0	0
9/7/2023 21:29	54701 NEBL_T1	0	4	4	0	0.18	0.18	0	0	1	1	0	600	600	0
9/7/2023 21:29	53901 HALI_T2	0	2	2	0	0.15	0.15	0	0	0	0	0	0	0	0
9/7/2023 21:29	53601 DALM_T2	1	1	0	0.3	0.4	0.1	-0.44	-0.46	1	1	0	600	600	0
9/7/2023 21:29	28604 BLYT_T2	0	0	0	0	0	0	-1.05	-1.06	0	0	0	0	0	0
9/7/2023 21:30	56503 ROCK_T2	1	1	0	0.1	0.1	0	0	0	0	0	0	0	0	0
9/7/2023 21:30	41801 GOCI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9/7/2023 21:30	42903 MIDD_T2	2	2	0	0.8	1.05	0.25	0.12	0.11	0	0	0	0	0	0
9/7/2023 21:30	40101 HUNT_T2	12	0	-12	0.29	0	-0.29	-0.21	-0.23	0	0	0	0	0	0
9/7/2023 21:32	44201 POIN_T1	52	52	0	1.72	1.49	-0.23	-1.61	-1.7	2	2	0	2100	2100	0
9/7/2023 21:32	55101 WERT_T1	0	0	0	0	0	0	-1.7	-1.78	3	3	0	2400	2400	0
9/7/2023 21:32	44502 HAMI_T2	1	1	0	2.6	2.8	0.2	0.39	0.42	0	0	0	0	0	0
9/7/2023 21:33	56801 BENV_T1	20	23	3	0.78	1.28	0.5	-0.49	-0.48	1	1	0	600	600	0
9/7/2023 21:35	52402 GRPA_T2	5	5	0	1.08	1.38	0.3	0	0	0	0	0	0	0	0
9/7/2023 21:36	56801 BENV_T1	20	23	3	0.78	1.28	0.5	-0.48	-0.48	1	1	0	600	600	0
9/7/2023 21:37	41602 CLEV_T1	0	0	0	0	0	0	0	0	1	1	0	600	600	0
9/7/2023 21:38	43302 WATS_T2	3	1	-2	0.1	0.1	0	0	0	0	0	0	0	0	0
9/7/2023 21:41	43304 WATS_T2	1	0	-1	0.2	0	-0.2	-0.04	-0.07	0	0	0	0	0	0
9/7/2023 21:41	43302 WATS_T2	3	1	-2	0.1	0.1	0	0	0	0	0	0	0	0	0
9/7/2023 21:43	43302 WATS_T2	3	1	-2	0.1	0.1	0	0	0	0	0	0	0	0	0
9/8/2023 0:28	44802 EDAN_T2	0	0	0	0	0	0	-2.1	-2.1	0	0	0	0	0	0
9/8/2023 0:28	63402 HONY_T2	1	1	0	0.9	0.9	0	0	0	0	0	0	0	0	0
9/8/2023 0:28	56801 BENV_T1	24	27	3	0.98	1.17	0.19	-2.17	-2.14	3	3	0	1800	1800	0
9/8/2023 0:28	56501 ROCK_T2	4	10	6	0.63	0.38	-0.25	0	0	0	0	0	0	0	0
9/8/2023 0:28	46203 DANV_T2	58	0	-58	3.85	0	-3.85	0.11	0	0	0	0	0	0	0
9/8/2023 0:28	52401 GRPA_T2	1	1	0	0.2	0.5	0.3	0	0	0	0	0	0	0	0
9/8/2023 0:28	44203 POIN_T2	0	0	0	0	0	0	-0.9	0.28	2	1	-1	2100	900	-1200
9/8/2023 0:28	42002 MNVL_T2	1	1	0	1.6	1.3	-0.3	0	0	0	0	0	0	0	0
9/8/2023 0:28	52404 GRPA_T2	0	0	0	0	0	0	-0.61	-0.54	0	0	0	0	0	0
9/8/2023 0:28	53601 DALM_T2	1	1	0	1.6	1.2	-0.4	-0.13	-0.21	1	1	0	600	600	0
9/8/2023 0:28	56803 BENV_T1	0	0	0	0	0	0	-0.1	-0.09	0	0	0	0	0	0
9/8/2023 0:28	43301 WATS_T2	0	1	1	0	0.7	0.7	0	0	0	0	0	0	0	0
9/8/2023 0:28	61202 REIN_T1	61	61	0	1.43	1.47	0.04	0	0	0	0	0	0	0	0
9/8/2023 0:28	60801 BUCK_T1	142	181	39	0.47	0.72	0.25	0	0	0	0	0	0	0	0
9/8/2023 0:28	60501 NMAN_T2	3	3	0	4.37	4.83	0.46	0	0	0	0	0	0	0	0
9/8/2023 0:28	66505 SMAN_T2	0	0	0	0	0	0	0.35	0.29	1	1	0	900	900	0
9/8/2023 0:28	65603 QVIL_T2	0	0	0	0	0	0	0.08	0.08	0	0	0	0	0	0
9/8/2023 0:28	52501 PROG_T1	0	0	0	0	0	0	0.59	0.55	1	1	0	300	300	0
9/8/2023 0:28	56802 BENV_T2	0	0	0	0	0	0	-2.55	-2.75	0	0	0	0	0	0
9/8/2023 0:28	67502 WEWI_T2	0	0	0	0	0	0	-1.27	-1.31	1	1	0	900	900	0
9/8/2023 0:28	63404 HONY_T1	4	2	-2	4.05	8	3.95	0	0	0	0	0	0	0	0
9/8/2023 0:28	45303 WBER_T2	5	0	-5	0.16	0	-0.16	0	0	0	0	0	0	0	0
9/8/2023 0:28	12701 MACU_T1	0	0	0	0	0	0	-1.96	0.46	2	0	-2	2400	0	-2400
9/8/2023 0:28	42201 SHEN_T2	3	1	-2	0.17	0.1	-0.07	-0.23	-0.24	2	2	0	1200	1200	0
9/8/2023 0:28	49804 UNIV_T1	0	0	0	0	0	0	0.6	0.6	0	0	0	0	0	0
9/8/2023 0:28	44302 BEAV_T2	129	104	-25	0.34	0.3	-0.04	0	0	0	0	0	0	0	0
9/8/2023 0:28	42901 MIDD_T2	151	101	-50	0.28	0.2	-0.08	0	0	0	0	0	0	0	0
9/8/2023 0:28	55101 WERT_T1	0	0	0	0	0	0	-5.96	-6.14	8	8	0	7200	7200	0
9/8/2023 0:28	42701 AUGU_T1	2	1	-1	0.1	0.2	0.1	0	0	6	6	0	5400	5400	0
9/8/2023 0:28	59101 WALK_T2	1	1	0	0	0	0	4.85	5.25	5	5	0	2250	2250	0
9/8/2023 0:28	45001 LIME_2	22	18	-4	0.19	0.19	0	0	0	0	0	0	0	0	0
9/8/2023 0:28	65901 SAKR_T2	0	0	0	0	0	0	-0.13	-0.17	1	1	0	900	900	0
9/8/2023 0:28	59003 MIFF_T1	0	0	0	0	0	0	-0.41	-0.24	0	0	0	0	0	0
9/8/2023 0:28	49803 UNIV_T1	0	0	0	0	0	0	-1.09	-1.12	0	0	0	0	0	0
9/8/2023 0:28	13606 RICH_T2	0	0	0	0	0	0	0.89	0.88	0	0	0	0	0	0
9/8/2023 0:28	57304 MOAL_T2	1	0	-1	0.1	0	-0.1	-0.84	-0.86	0	0	0	0	0	0
9/8/2023 0:28	45802 HEGI_T2	0	0	0	0	0	0	0.49	0.73	1	1	0	300	300	0
9/8/2023 0:28	44201 POIN_T1	52	52	0	1.04	1	-0.04	-3.61	-3.94	4	4	0	4200	4200	0
9/8/2023 0:28	41903 REED_T1	0	12	12	0	0	0	0	0	0	0	0	0	0	0
9/8/2023 0:28	53901 HALI_T2	1	1	0	0.2	0.2	0	0	0	0	0	0	0	0	0
9/8/2023 0:28	64301 LINC_T1	0	0	0	0	0	0	-0.48	-0.52	0	0	0	0	0	0
9/8/2023 0:28	60701 BREC_T1	0	0	0	0	0	0	-2.47	0.98	6	0	-6	3600	0	-3600
9/8/2023 0:28	61801 EELI_T2	0	0	0	0	0	0	-0.08	-0.06	0	0	0	0	0	0
9/8/2023 0:28	44

Appendix C - Grid Benefits Achieved in Each Instance of Active Management

9/8/2023 8:11	44502 HAMI_T2	1	1	0	2	1.8	-0.2	0.23	0.27	0	0	0	0	0	0
9/8/2023 8:15	54701 NEBL_T1	0	0	0	0	0	0	0	0	1	1	0	600	600	0
9/8/2023 8:16	43402 BENT_T1	0	0	0	0	0	0	-0.77	-0.8	1	1	0	900	900	0
9/8/2023 8:22	59101 WALK_T2	1	1	0	0	0	0	1.72	1.78	1	1	0	450	450	0
9/8/2023 8:29	43402 BENT_T1	0	0	0	0	0	0	-0.8	-0.74	1	1	0	900	900	0
9/8/2023 8:33	44203 POIN_T2	1	0	-1	0.2	0	-0.2	0.57	0.42	2	2	0	2100	2100	0
9/8/2023 9:07	61202 REIN_T1	15	45	30	0.27	0.38	0.11	0	0	0	0	0	0	0	0
9/8/2023 9:08	59101 WALK_T2	1	1	0	0	0	0	1.22	1.25	2	2	0	1050	1050	0
9/8/2023 9:10	26601 BROO_T1	0	1	1	0	0	0	0	0	0	0	0	0	0	0
9/8/2023 9:16	43402 BENT_T1	0	0	0	0	0	0	-0.59	-0.58	1	1	0	900	900	0
9/8/2023 9:20	48302 ORWI_T2	2	2	0	1.2	1	-0.2	0.09	0.14	0	0	0	0	0	0
9/8/2023 9:24	53601 DALM_T2	1	1	0	1	0.7	-0.3	-0.5	-0.93	1	1	0	600	600	0
9/8/2023 9:27	64101 REFR_T1	3	3	0	6.8	6.77	-0.03	0.32	0.13	0	0	0	0	0	0
9/8/2023 9:28	64101 REFR_T1	3	3	0	6.8	6.77	-0.03	0.32	0.13	0	0	0	0	0	0
9/8/2023 9:29	43401 BENT_T1	1	0	-1	0.1	0	-0.1	0	0	0	0	0	0	0	0
9/8/2023 9:29	64101 REFR_T1	3	3	0	6.8	6.77	-0.03	0.32	0.13	0	0	0	0	0	0
9/8/2023 9:30	44502 HAMI_T2	1	1	0	1.8	1.8	0	0.25	0.21	0	0	0	0	0	0
9/8/2023 9:30	45802 HEGI_T2	1	1	0	0.2	0.4	0.2	0.79	0.72	2	2	0	1200	1200	0
9/8/2023 9:34	54701 NEBL_T1	0	2	2	0	0.25	0.25	0	0	1	1	0	600	600	0
9/8/2023 9:36	43402 BENT_T1	0	0	0	0	0	0	-0.53	-0.55	1	1	0	900	900	0
9/8/2023 9:37	45902 AUBU_T1	0	0	0	0	0	0	-0.29	-0.24	1	1	0	600	600	0
9/8/2023 9:38	59101 WALK_T2	1	1	0	0	0	0	1.44	1.23	2	2	0	1050	1050	0
9/8/2023 9:39	45902 AUBU_T1	0	0	0	0	0	0	-0.29	-0.24	1	1	0	600	600	0
9/8/2023 9:44	13503 MCMI_T2	0	0	0	0	0	0	-0.01	-0.01	0	0	0	0	0	0
9/8/2023 9:47	61202 REIN_T1	45	53	8	0.36	0.62	0.26	0	0	0	0	0	0	0	0
9/8/2023 9:49	54701 NEBL_T1	0	2	2	0	0.25	0.25	0	0	1	1	0	600	600	0
9/8/2023 9:50	54701 NEBL_T1	0	2	2	0	0.25	0.25	0	0	1	1	0	600	600	0
9/8/2023 9:52	49803 UNIV_T1	0	0	0	0	0	0	-0.74	-0.69	0	0	0	0	0	0
9/8/2023 9:53	43304 WATS_T2	0	0	0	0	0	0	-0.27	-0.23	0	0	0	0	0	0
9/8/2023 9:54	46001 BERW_T1	0	0	0	0	0	0	1.14	1.22	0	0	0	0	0	0
9/8/2023 9:54	41901 REED_T1	0	1	1	0	0.1	0.1	-1.16	-1.05	1	1	0	900	900	0
9/8/2023 9:55	24102 EHAZ_T1	0	19	19	0	0.2	0.2	0	0	0	0	0	0	0	0
9/8/2023 9:57	64101 REFR_T1	3	3	0	6.77	6.47	-0.3	0.16	0.15	0	0	0	0	0	0
9/8/2023 10:00	15604 NSTR_T1	0	0	0	0	0	0	0.12	0.14	0	0	0	0	0	0
9/8/2023 10:00	10602 BLGI_T2	4	9	5	1.93	1.56	-0.37	2.04	2.08	0	0	0	0	0	0
9/8/2023 10:00	20401 ASHF_T2	0	1	1	0	0	0	0.1	0.14	1	1	0	600	600	0
9/8/2023 10:00	53901 HALI_T2	1	0	-1	0.1	0	-0.1	0	0	0	0	0	0	0	0
9/8/2023 10:00	61202 REIN_T1	46	57	11	0.42	0.65	0.23	0	0	0	0	0	0	0	0
9/8/2023 10:00	48302 ORWI_T2	2	2	0	0.85	0.6	-0.25	0.12	0.14	0	0	0	0	0	0
9/8/2023 10:00	52503 PROG_T2	0	0	0	0	0	0	-0.44	-0.37	1	1	0	900	900	0
9/8/2023 10:00	64801 MONE_T2	0	0	0	0	0	0	0.54	0.54	0	0	0	0	0	0
9/8/2023 10:00	12701 MACU_T1	1	1	0	0.3	0	-0.3	0.81	0.84	0	0	0	0	0	0
9/8/2023 10:00	59301 MCAL_T1	2	1	-1	0.4	0.1	-0.3	-1.69	-1.59	1	1	0	600	600	0
9/8/2023 10:00	12604 MACA_T1	0	0	0	0	0	0	0.49	0.58	0	0	0	0	0	0
9/8/2023 10:00	67604 WARW_T1	0	0	0	0	0	0	0.31	0.25	0	0	0	0	0	0
9/8/2023 10:00	56601 HAMP_T1	0	0	0	0	0	0	-0.01	-0.03	0	0	0	0	0	0
9/8/2023 10:00	66505 SMAN_T2	0	0	0	0	0	0	0.78	0.9	2	2	0	1500	1500	0
9/8/2023 10:00	67502 WEWI_T2	0	0	0	0	0	0	0	0.03	0	0	0	0	0	0
9/8/2023 10:00	47101 MARL_T1	0	5	5	0	0	0	0	0	0	0	0	0	0	0
9/8/2023 10:00	60604 NCOL_T2	0	0	0	0	0	0	0.37	0.41	0	0	0	0	0	0
9/8/2023 10:01	43301 WATS_T2	0	0	0	0	0	0	-1.61	-1.5	1	1	0	900	900	0
9/8/2023 10:06	23401 HONE_T2	0	0	0	0	0	0	0	0.09	0	0	0	0	0	0
9/8/2023 10:07	49803 UNIV_T1	0	0	0	0	0	0	-0.69	-0.75	0	0	0	0	0	0
9/8/2023 10:08	59101 WALK_T2	1	9	8	0	0	0	1.07	1.76	2	1	-1	1050	450	-600
9/8/2023 10:08	42201 SHEN_T2	0	0	0	0	0	0	-0.09	-0.02	1	1	0	600	600	0
9/8/2023 10:09	41901 REED_T1	0	1	1	0	0.1	0.1	-1.05	-1.01	1	1	0	900	900	0
9/8/2023 10:09	46001 BERW_T1	0	0	0	0	0	0	1.22	1.28	0	0	0	0	0	0
9/8/2023 10:09	44801 EDAN_T2	1	1	0	0.8	0.3	-0.5	0	0	0	0	0	0	0	0
9/8/2023 10:09	53601 DALM_T2	1	1	0	0.6	0.2	-0.4	-0.79	-0.6	1	1	0	600	600	0
9/8/2023 10:10	45902 AUBU_T1	0	0	0	0	0	0	-0.31	-0.31	1	1	0	600	600	0
9/8/2023 10:10	20401 ASHF_T2	0	1	1	0	0	0	0	0	0	0	0	0	0	0
9/8/2023 10:11	53503 EVIL_T2	1	0	-1	0.1	0	-0.1	0	0	0	0	0	0	0	0
9/8/2023 10:11	24105 EHAZ_T1	4	4	0	5.88	5.8	-0.08	0	0	0	0	0	0	0	0
9/8/2023 10:11	28403 HART_T2	0	0	0	0	0	0	-0.85	-0.83	1	1	0	900	900	0
9/8/2023 10:11	44502 HAMI_T2	1	1	0	1.8	1.7	-0.1	0.28	0.27	0	0	0	0	0	0
9/8/2023 10:12	45802 HEGI_T2	1	1	0	0.4	0	-0.4	0.81	0.06	2	2	0	1200	1200	0
9/8/2023 10:13	53501 EVIL_T2	0	0	0	0	0.1	0.1	0.07	-0.22	2	2	0	1200	1200	0
9/8/2023 10:14	63403 HONY_T2	0	0	0	0	0	0	0.25	0.36	1	1	0	600	600	0
9/8/2023 10:15	54701 NEBL_T1	2	0	-2	0.15	0	-0.15	0	0	1	1	0	600	600	0
9/8/2023 10:16	13503 MCMI_T2	0	0	0	0	0	0	-0.01	-0.01	0	0	0	0	0	0
9/8/2023 10:16	54701 NEBL_T1	2	0	-2	0.15	0	-0.15	0	0	1	1	0	600	600	0
9/8/2023 10:20	66505 SMAN_T2	0	0	0	0	0	0	0.65	0.6	2	3	1	1500	1700	200
9/8/2023 10:21	67502 WEWI_T2	0	0	0	0	0	0	-1.83	-1.53	0	2	2	0	1800	1800
9/8/2023 10:22	15001 BLMO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9/8/2023 10:23	59101 WALK_T2	1	9	8	0	0.3	0.3	1.76	1.95	1	1	0	450	450	0
9/8/2023 10:24	45902 AUBU_T1	0	0	0	0	0	0	-0.31	-0.23	1	1	0	600	600	0
9/8/2023 10:24	43304 WATS_T2	0	0	0	0	0	0	-0.2	-0.18	0	0	0	0	0	0
9/8/2023 10:25	45602 WOOL_T1	0	0	0	0	0	0	0.72	0.76	0	0	0	0	0	0
9/8/2023 10:25	28601 BLYT_T2	0	1	1	0	0.4	0.4	0	0	0	0	0	0	0	0
9/8/2023 10:25	15001 BLMO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9/8/2023 10:26	44601 SALE_T2	0	127	127	0	0.57	0.57	0.35	-0.74	0	0	0	0	0	0
9/8/2023 10:26	45901 AUBU_T1	0	0	0	0	0	0	0.79	0.77	0	0	0	0	0	0
9/8/2023 10:28	64305 LINC_T1	0	0	-1	0.2	0	-0.2	0	0	0	0	0	0	0	0
9/8/2023 10:29	42903 MIDD_T2	2	2	0	0.25	0.1	-0.15	0	0	0	0	0	0	0	0
9/8/2023 10:29	43401 BENT_T1	0	14	14	0	0	0	0	0	0	0	0	0	0	0
9/8/2023 10:30	12701 MACU_T1	0	0	0	0	0	0	0.42	-0.75	0	1	1	0	1200	1200
9/8/2023 10:36	16302 ALPA_T2	0	0	0	0	0	0	0	0.03	0	0	0	0	0	0
9/8/2023 10:38	17804 GILB_T2	1	0	-1	1	1.1	0.1	0	0	0	0	0	0	0	0
9/8/2023 10:38	53601 DALM_T2	0	1	1	0	0.9	0.9	-0.6	-0.56	1	1	0	600	600	0
9/8/2023 10:38	15001 BLMO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9/8/2023 10:39	26603 BROO_T1	0	0	0	0	0	0	0.32	0.35	0	0	0	0	0	0
9/8/2023 10:41	16302 ALPA_T2	0	0	0	0	0	0	0	0.03	0	0	0	0	0	0
9/8/2023 10:45	52403 GRPA_T2	0	1	1	0	0	0	-0.19	-0.12	0	0	0	0	0	0
9/8/2023 10:46	44203 POIN_T2	0	1	1	0	0.2	0.2	0	0	0	0	0	0	0	0
9/8/2023 10:47	48302 ORWI_T2	2	1	-1	0.25	0.1	-0.15	0.2	0.22	0	0	0	0	0	0
9/8/2023 10:47	61202 REIN_T1	56	49	-7	0.55	0.53	-0.02	0	0	0	0	0	0	0	0
9/8/2023 10:49	57303 MOAL_T2	1	1	0	7.5	7.6	0.1	0	0	0	0	0	0	0	0
9/8/2023 10:49	44203 POIN_T2	0	1	1	0	0.2	0.2	0.29	0.99	4	4	0	4200	4200	0
9/8/2023 10:50	66703 STRA_T1	0	0	0	0	0	0	0.5	0.54	0	0	0	0	0	0
9/8/2023 10:50	67503 WEWI_T2	0	0	0	0	0	0	0.19	0.17	0	0	0	0	0	0
9/8/2023 10:51	44202 POIN_T2	0	0	0	0	0	0	-0.24	-0.33	1	1	0	1200	1200	0
9/8/2023 10:51	44202 POIN_T2	0	0	0	0	0	0	-0.24	-0.33	1	1	0	1200	1200	0
9/8/2023 10:53	29402 BELT_T1	0	2	2	0	0.4	0.4	0	0	0	0	0	0	0	0
9/8/2023 10:53	41602 CLEV_T1	0	0	0	0	0	0	0	0	2	2	0	1200	1200	0
9/8/2023 10:55	59101 WALK_T2	5	3	-2	0.3	0.2	-0.1	1.35	1.08	2	2	0	1050	1050	0
9/8/2023 10:55	29402 BELT_T1	0	2	2	0	0.4	0.4	0	0	0	0	0	0	0	0
9/8/2023 10:59	28403 HART_T2	0	0	0	0	0	0	-0.78	-0.77	1	1	0	900	900	0
9/8/2023 11:01	52403 GRPA_T2	0	3	3	0	0	0	-0.12	-0.33	0	0	0	0	0	0
9/8/2023 11:01	29402 BELT_T1	2	3	1	0.25	0.37	0.12	0	0	0	0	0	0	0	0
9/8/2023 11:02	67204 TEHI_T2	0	0	0	0	0	0	0.21	0.2	0	0	0	0	0	0
9/8/2023 11:02	60803 BUCK_T1	0	3	3	0	0	0	-0.26	-0.23	0	0	0	0	0	0
9/8/2023 11:03	60803 BUCK_T1	0	3	3	0	0	0	-0.26	-0.23	0	0	0	0	0	0
9/8/2023 11:03	67204 TEHI_T2	0	0	0	0	0	0	0.21	0.2	0	0	0	0	0	0
9/8/2023 11:03	58402 MORO_T1	0	0	0	0	0	0	-1.53	-1.68	3	3	0	2400	2400	0
9/8/2023 11:04	58402 MORO_T1	0	0	0	0	0	0	-3.37	-3.23	6	6	0	4800	4800	0
9/8/2023 11:06	43301 WATS_T2	0	2	2	0	0.3	0.3	-2.3	-1.32	1	1	0	900	900	0
9/8/2023 11:07	16302 ALPA_T2	0	0	0	0	0	0	0.17	0.12	0	0	0	0	0	0
9/8/2023 11:07	43001 ALWD_T1	0	0	0	0	0	0	0	0	1	1	0	1200	1200	0
9/8/2023 11:07	29401 BELT_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9/8/2023 11:09	56803 BENV_T1	1	1	0	2.1	0	-2.1	0.27	0.36	0	0	0	0	0	0
9/8/2023 11:11	11101 EGYP_T1	1	1	0	1.2	1	-0.2	0	0	0	0	0	0	0	0
9/8/2023 11:11	29401 BELT_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9/8/2023 11:14	46203 DANV_T2	0	0	0	0	0	0	0.24	0.22	0	0	0	0	0	0
9/8/2023 11:17	65901 SAKR_T2	0	0	0	0	0	0	0.03	0	2	2	0	1500	1500	0
9/8/2023 11:18	44203 POIN_T2	1	2	1	0.4	0	-0.4	0.99	1.31	4	4	0	4200	4200	0
9/8/2023 11:18	44202 POIN_T2	0	0	0	0	0	0	-0.33	-0.33	1	1	0	1200	1200	0
9/8/2023 11:19	54001 SDLE_T1	4	2	-2	0.68	1	0.32	0	0	1	1	0	600	600	0
9/8/2023 11:19	44203 POIN_T2	1	2	1	0.4	0	-0.4	0.65	0.57	2	2	0	2100	2100	0
9/8/2023 11:20	44203 POIN_T2	1	2	1	0.4	0	-0.4	0.65	0.57	2	2	0	2100	2100	0
9/8/2023 11:20	44202 POIN_T2	0	0	0	0	0	0	-0.33	-0.89	1	1	0	1200	1200	0
9/8/2023 11:21	54001 SDLE_T1	4	2	-2	0.68	1	0.32	0	0	1	1	0	600	600	0
9/8/2023 11:21	44203 POIN_T2	1	2	1	0.4	0	-0.4	0.65	0.57	2	2	0	2100	2100	0
9/8/2023 11:22	54001 SDLE_T1	4	2	-2	0.68	1	0.32	0	0	1	1	0	600	600	0
9/8/2023 11:25	43301 WATS_T2	0	2	2	0	0.35	0.35	0	0	0	0	0	0	0	0
9/8/2023 11:26	43202 MVIL_T2	0	0	0	0	0	0	-0.14	-0.17	0	0	0	0	0	0
9/8/2023 11:27	61202 REIN_T1	39	18	-21	0.46	0.42	-0.04	0	0	0	0	0	0	0	0
9/8/2023 11:28	60101 COCA_T1	0	0	0	0	0	0	0.88	0.92	0	0	0	0	0	0
9/8/2023 11:30	17805 GILB_T2	0	0	0	0	0	0	0.68	0.73	0	0	0	0	0	0
9/8/2023 11:31	46506 LOHA_T1	1	1	0	0.6	0.2	-0.4	-0.23	-0.23	0	0	0	0	0	0
9/8/2023 11:32	61202 REIN_T1	18	8	-10	0.42	0.38	-0.04	0	0	0	0	0	0	0	0
9/8/2023 11:33	44203 POIN_T2	2	2	0	0.35	0	-0.35	0.65	0.57	2	2	0	2100	2100	0
9/8/2023 11:33	65901 SAKR_T2	0	0	0	0	0	0	0	0.01	2	2	0	1500	1500	0
9/8/2023 11:34	48302 ORWI_T2	1	2	1	0.2	0.4	0.2	-0.29	-0.26	0	0	0	0	0	0
9/8/2023 11:35	54701 NEBL_T1	0	0	0	0	0	0	0	0	1	1	0	600	600	0
9/8/2023 11:35	44201 POIN_T1	52	52	0	2.06	1.55	-0.51	-0.58	-0.62	2	2	0	2100	2100	0
9/8/2023 11:36	44203 POIN_T2	2	2	0	0.35	0	-0.35	1.13	1.12	4	4	0	4200	4200	0
9/8/2023 11:36	44203 POIN_T2	2	2	0	0.35	0	-0.35	1.13	1.12	4	4	0	4200	4200	0
9/8/2023 11:36	49803 UNIV_T1	1	1	0	0.6	0.2	-0.4	-0.61	-0.6	0	0	0	0	0	0
9/8/2023 11:37	26603 BROO_T1	0	0	0	0	0	0	0.39	0.39	0	0	0	0	0	0
9/8/2023 11:37	44203 POIN_T2	2	2	0	0.35	0	-0.35	0.57	0.56	2	2	0	2100	2100	0
9/8/2023 11:38	16302 ALPA_T2	0	0	0	0	0	0	0.1	0.11	0	0	0	0	0	0
9/8/2023 11:38	45602 WOOL_T1	0	0	0	0	0	0	0.84	0.91	0	0	0	0	0	0
9/8/2023 11:38	44203 POIN_T2	2	2	0	0.35	0	-0.35	0	0	0	0	0	0	0	0
9/8/2023 11:40	28604 BLYT_T2	0	0	0	0	0	0	-1.1	-1.08	0	0	0	0	0	0
9/8/2023 11:40	20401 ASHF_T2	1	1	0	1.2	0.3	-0.9	0	0	0	0	0	0	0	0
9/8/2023 11:43	52402 GRPA_T2	1	1	0	2.4	2.3	-0.1	0	0	0	0	0	0	0	0
9/8/2023 11:43	63403 HONY_T2	0	1	-1	0	0	0	-0.34	-0.39	1	1	0	600	600	0
9/8/2023 11:44	47101 MARL_T1	26	22	-4	0.72	0.46	-0.26	0	0	1	1	0	600	600	0
9/8/2023 11:45	60803 BUCK_T1	0	0	0	0	0	0	-0.12	-0.07	0	0	0	0	0	0
9/8/2023 11:46	54701 NEBL_T1	0	0	0	0	0	0	0	0	1	1	0	600	600	0
9/8/2023 11:47	57303 MOAL_T2	1	1	0	7.7	7.6	-0.1	0	0	0	0	0	0	0	0
9/8/2023 11:47	54001 SDLE_T1	2	1	-1	0.9	1	0.1	0	0	1	1	0	600	600	0
9/8/2023 11:48	54001 SDLE_T1	2	1	-1	0.9	1	0.1	0	0	1	1	0	600	600	0
9/8/2023 11:48	60803 BUCK_T1	0	0	0	0	0	0	-0.12	-0.07	0	0	0	0	0	0
9/8/2023 11:50	48302 ORWI_T2	2	2	0	0.35	0.5	0.15	-0.26	-0.3	0	0	0	0	0	0
9/8/2023 11:51	54001 SDLE_T1	2	1	-1	0.9	1	0.1	0	0	1	1	0	600	600	0
9/8/2023 11:52	49803 UNIV_T1	0	1	1	0	0.2	0.2	-0.6	-0.55	0	0	0	0	0	0
9/8/2023 11:54	60101 COCA_T1	0	1	1	0	0.1	0.1	0.92	0.94	0	0	0	0	0	0
9/8/2023 11:55	28604 BLYT_T2	0	0	0	0	0	0	-1.08	-1.08	0	0	0	0	0	0
9/8/2023 11:55	60701 BREC_T1	0	2	2	0	0	0	0.38	0.4	2	2	0	1200	1200	0
9/8/2023 11:59	52402 GRPA_T2	1	1	0	2.3	1.5	-0.8	0	0	0	0	0	0	0	0
9/8/2023 12:00	47101 MARL_T1	19	41	22	0.68	1.13	0.45	0	0	1	1	0	600	600	0
9/8/2023 12:01	48302 ORWI_T2	2	2	0	0.15	0.5	0.35	-0.26	-0.3	0	0	0	0	0	0
9/8/2023 12:01	54701 NEBL_T1	0	0	0	0	0	0	0	0	1	1	0	600	600	0
9/8/2023 12:02	61202 REIN_T1	5	8	3	0.24	0.39	0.15	0	0	0	0	0	0	0	0
9/8/2023 12:03	54001 SDLE_T1	1	3	2	0.9	0.77	-0.13	0	0	1	1	0	600	600	0
9/8/2023 12:04	54001 SDLE_T1	1	3	2	0.9	0.77	-0.13	0	0	1	1	0	600	600	0
9/8/2023 12:05	44901 SCOT_T2	0	0	0	0	0	0	0.77	0.71	0	0	0	0	0	0
9/8/2023 12:06	54001 SDLE_T1	1	3	2	0.9	0.77	-0.13	0	0	1	1	0	600	600	0

Appendix C - Grid Benefits Achieved in Each Instance of Active Management

9/8/2023 14:19	46302 ROHR_T1	3	3	0	0.37	0.6	0.23	0.34	0.33	0	0	0	0	0	0
9/8/2023 14:21	43001 ALWD_T1	0	0	0	0	0	0	0	0	1	1	0	1200	1200	0
9/8/2023 14:21	45602 WOOL_T1	0	0	0	0	0	0	1.11	1.1	0	0	0	0	0	0
9/8/2023 14:21	43304 WATS_T2	2	4	2	0.25	0.17	-0.08	0	0	0	0	0	0	0	0
9/8/2023 14:22	43304 WATS_T2	2	4	2	0.25	0.17	-0.08	-0.55	-0.55	1	1	0	600	600	0
9/8/2023 14:22	61202 REIN_T1	21	15	-6	0.43	0.45	0.02	0	0	0	0	0	0	0	0
9/8/2023 14:22	60701 BREC_T1	4	7	3	0.4	0.68	0.28	0.54	0.33	2	2	0	1200	1200	0
9/8/2023 14:23	41602 CLEV_T1	0	0	0	0	0	0	0	0	1	1	0	600	600	0
9/8/2023 14:23	43304 WATS_T2	2	4	2	0.25	0.17	-0.08	-0.55	-0.55	1	1	0	600	600	0
9/8/2023 14:25	56802 BENV_T2	0	1	1	0	0.4	0.4	0	0.04	0	0	0	0	0	0
9/8/2023 14:25	26603 BROO_T1	0	0	0	0	0	0	0.47	0.49	0	0	0	0	0	0
9/8/2023 14:26	43304 WATS_T2	2	4	2	0.25	0.17	-0.08	-0.55	-0.55	1	1	0	600	600	0
9/8/2023 14:26	56802 BENV_T2	0	1	1	0	0.4	0.4	-0.01	0.09	0	0	0	0	0	0
9/8/2023 14:26	53903 HALI_T2	2	2	0	0.8	0.5	-0.3	0.13	0.11	0	0	0	0	0	0
9/8/2023 14:27	47101 MARL_T1	0	15	15	0	0.73	0.73	0	0	0	0	0	0	0	0
9/8/2023 14:27	46602 LACR_T1	0	0	0	0	0	0	0.67	0.64	0	0	0	0	0	0
9/8/2023 14:28	41602 CLEV_T1	0	0	0	0	0	0	0	0	1	1	0	600	600	0
9/8/2023 14:28	54701 NEBL_T1	5	6	1	0.26	0.3	0.04	0	0	1	1	0	600	600	0
9/8/2023 14:29	56801 BENV_T1	15	6	-9	0.52	0.33	-0.19	0	0	0	0	0	0	0	0
9/8/2023 14:29	44505 HAMI_T2	1	0	-1	0.1	0	-0.1	0	0	0	0	0	0	0	0
9/8/2023 14:29	56802 BENV_T2	0	1	1	0	0.4	0.4	0	0.04	0	0	0	0	0	0
9/8/2023 14:30	49803 UNIV_T1	1	0	-1	8.4	0	-8.4	-0.59	-0.57	0	0	0	0	0	0
9/8/2023 14:30	47901 HRDG_T1	0	0	0	0	0	0	1.91	2.43	2	2	0	2400	2400	0
9/8/2023 14:32	60803 BUCK_T1	0	0	0	0	0	0	0.36	0.34	0	0	0	0	0	0
9/8/2023 14:33	65901 SAKR_T2	1	3	2	0.3	0.35	0.05	0	0	0	0	0	0	0	0
9/8/2023 14:33	54701 NEBL_T1	6	6	0	0.3	0.32	0.02	0	0	2	2	0	1200	1200	0
9/8/2023 14:33	60803 BUCK_T1	0	0	0	0	0	0	0.36	0.34	0	0	0	0	0	0
9/8/2023 14:34	59402 RFLD_T2	1	0	-1	6	0	-6	-1.08	-1.04	1	1	0	450	450	0
9/8/2023 14:35	46302 ROHR_T1	3	2	-1	0.5	0.8	0.3	0.33	0.35	0	0	0	0	0	0
9/8/2023 14:35	59402 RFLD_T2	1	0	-1	6	0	-6	-1.08	-1.04	1	1	0	450	450	0
9/8/2023 14:36	43301 WATS_T2	0	0	0	0	0	0	-1.29	-1.3	0	0	0	0	0	0
9/8/2023 14:36	59402 RFLD_T2	0	0	-1	6	0	-6	-1.08	-1.04	1	1	0	450	450	0
9/8/2023 14:36	43304 WATS_T2	4	5	1	0.23	0.15	-0.08	-0.55	-0.52	1	1	0	600	600	0
9/8/2023 14:36	43001 ALWD_T1	0	0	0	0	0	0	0	0	1	1	0	1200	1200	0
9/8/2023 14:37	45602 WOOL_T1	0	0	0	0	0	0	1.1	1.12	0	0	0	0	0	0
9/8/2023 14:37	29401 BELT_T1	1	6	5	0.1	0.12	0.02	0	0	1	1	0	900	900	0
9/8/2023 14:37	47101 MARL_T1	8	15	7	0.73	0.42	-0.31	0	0	0	0	0	0	0	0
9/8/2023 14:38	60701 BREC_T1	7	6	-1	0.6	0.8	0.2	0.33	0.15	2	2	0	1200	1200	0
9/8/2023 14:38	20403 ASHF_T2	0	2	2	0	0	0	1.05	1.34	0	0	0	0	0	0
9/8/2023 14:38	10805 CHHI_T2	183	185	2	1.15	1.09	-0.06	-0.65	-0.66	2	2	0	1800	1800	0
9/8/2023 14:39	43304 WATS_T2	4	5	1	0.23	0.15	-0.08	-0.55	-0.52	1	1	0	600	600	0
9/8/2023 14:40	62104 ELAN_T1	0	1	1	0	0	0	0	0	0	0	0	0	0	0
9/8/2023 14:42	63401 HONY_T1	0	0	0	0	0	0	0.51	0.58	1	1	0	600	600	0
9/8/2023 14:44	44505 HAMI_T2	0	7	7	0	0	0	0	0	0	0	0	0	0	0
9/8/2023 14:45	56802 BENV_T2	0	1	1	0	0.4	0.4	0.04	0	0	0	0	0	0	0
9/8/2023 14:45	17805 GILB_T2	1	1	0	0.9	0	-0.9	1	0.19	0	0	0	0	0	0
9/8/2023 14:46	49803 UNIV_T1	0	0	0	0	0	0	-0.57	-0.55	0	0	0	0	0	0
9/8/2023 14:46	42903 MIDD_T2	2	2	0	0.4	0.45	0.05	0	0	0	0	0	0	0	0
9/8/2023 14:47	46602 LACR_T1	0	1	1	0	0	0	0.64	0.46	0	0	0	0	0	0
9/8/2023 14:47	63403 HONY_T2	0	0	0	0	0	0	-1.28	-1.32	1	1	0	600	600	0
9/8/2023 14:47	40101 HUNT_T2	1	4	3	0.8	0	-0.8	-0.08	-0.11	0	0	0	0	0	0
9/8/2023 14:47	52403 GRPA_T2	1	0	-1	0.8	0	-0.8	0.05	0.04	0	0	0	0	0	0
9/8/2023 14:48	60803 BUCK_T1	0	1	1	0	0	0	0.34	0.46	0	0	0	0	0	0
9/8/2023 14:49	60803 BUCK_T1	0	1	1	0	0	0	0.46	0.49	0	0	0	0	0	0
9/8/2023 14:49	54701 NEBL_T1	3	6	3	0.17	0.43	0.26	0	0	2	2	0	1200	1200	0
9/8/2023 14:50	17805 GILB_T2	1	1	0	0.9	0	-0.9	0	0	0	0	0	0	0	0
9/8/2023 14:50	52402 GRPA_T2	1	1	0	3.3	3.2	-0.1	0	0	0	0	0	0	0	0
9/8/2023 14:51	56803 BENV_T1	1	2	1	0.4	0.2	-0.2	0.43	0.47	0	0	0	0	0	0
9/8/2023 14:56	56802 BENV_T2	0	1	1	0	0.4	0.4	0	0.06	0	0	0	0	0	0
9/8/2023 14:57	26603 BROO_T1	0	0	0	0	0	0	0.49	0.55	0	0	0	0	0	0
9/8/2023 14:57	56802 BENV_T2	0	1	1	0	0.4	0.4	0	0.11	0	0	0	0	0	0
9/8/2023 14:57	64101 REFR_T1	11	13	2	2.03	2.84	0.81	0.71	0.7	0	0	0	0	0	0
9/8/2023 14:59	41801 GOCI_T2	2	2	0	0.9	0.4	-0.5	0	0	0	0	0	0	0	0
9/8/2023 15:01	47901 HRDG_T1	0	0	0	0	0	0	2.23	2.08	2	2	0	2400	2400	0
9/8/2023 15:02	58402 MORO_T1	0	0	0	0	0	0	-1.39	-1.41	3	3	0	2400	2400	0
9/8/2023 15:03	16302 ALPA_T2	0	0	0	0	0	0	0.29	0.4	0	0	0	0	0	0
9/8/2023 15:05	44201 POIN_T1	52	52	0	1.29	1.13	-0.16	-1.61	-1.57	2	2	0	2100	2100	0
9/8/2023 15:08	42701 AUGU_T1	0	0	0	0	0	0	0	0	2	2	0	1800	1800	0
9/8/2023 15:09	43304 WATS_T2	4	4	0	0.38	0.35	-0.03	-0.52	-0.7	1	1	0	600	600	0
9/8/2023 15:10	67602 WARW_T2	0	0	0	0	0	0	0.54	0.59	2	2	0	1500	1500	0
9/8/2023 15:10	56501 ROCK_T2	1	0	-1	0.2	0	-0.2	0	0	0	0	0	0	0	0
9/8/2023 15:10	42701 AUGU_T1	0	0	0	0	0	0	0	0	2	2	0	1800	1800	0
9/8/2023 15:10	28604 BLYT_T2	0	0	0	0	0	0	-0.99	-1	0	0	0	0	0	0
9/8/2023 15:11	56504 ROCK_T2	0	0	0	0	0	0	0.21	0.26	0	0	0	0	0	0
9/8/2023 15:12	56501 ROCK_T2	1	0	-1	0.2	0	-0.2	0	0	0	0	0	0	0	0
9/8/2023 15:14	56501 ROCK_T2	1	0	-1	0.2	0	-0.2	0	0	0	0	0	0	0	0
9/8/2023 15:15	40901 IESH_T1	1	1	0	1.7	1.2	-0.5	0	0	0	0	0	0	0	0
9/8/2023 15:15	56802 BENV_T2	1	4	3	0.4	0	-0.4	0.06	0	0	0	0	0	0	0
9/8/2023 15:18	52403 GRPA_T2	0	0	0	0	0	0	0.1	0.11	0	0	0	0	0	0
9/8/2023 15:18	58402 MORO_T1	0	0	0	0	0	0	-1.41	-1.31	3	3	0	2400	2400	0
9/8/2023 15:25	56802 BENV_T2	1	4	3	0.4	0	-0.4	0	0.05	0	0	0	0	0	0
9/8/2023 15:26	60101 COCA_T1	1	0	-1	0.2	0	-0.2	0.11	0.1	1	1	0	1200	1200	0
9/8/2023 15:29	56802 BENV_T2	1	4	3	0.4	0	-0.4	0	0.05	0	0	0	0	0	0
9/8/2023 15:35	55101 WERT_T1	0	0	0	0	0	0	-1.82	-1.69	4	4	0	3300	3300	0
9/8/2023 15:36	48302 ORWI_T2	0	0	0	0	0	0	-0.18	-0.17	0	0	0	0	0	0
9/8/2023 15:37	56803 BENV_T1	5	5	0	1.02	1.34	0.32	0.51	0.5	0	0	0	0	0	0
9/8/2023 15:37	55101 WERT_T1	0	0	0	0	0	0	-1.82	-1.69	4	4	0	3300	3300	0
9/8/2023 15:38	13704 SCHN_T2	0	1	1	0	0	0	0.28	0.29	0	0	0	0	0	0
9/8/2023 15:38	55101 WERT_T1	0	0	0	0	0	0	-1.82	-1.69	4	4	0	3300	3300	0
9/8/2023 15:39	55101 WERT_T1	0	0	0	0	0	0	-1.82	-1.69	4	4	0	3300	3300	0
9/8/2023 15:45	45802 HEGI_T2	1	4	3	0.1	0	-0.1	-0.16	0.79	1	1	0	300	300	0
9/8/2023 15:49	52401 GRPA_T2	3	1	-2	0.23	0	-0.23	0	0	0	0	0	0	0	0
9/8/2023 15:49	65604 QVIL_T2	0	0	0	0	0	0	0.5	0.47	0	0	0	0	0	0
9/8/2023 15:50	52403 GRPA_T2	0	0	0	0	0	0	0.21	0.2	0	0	0	0	0	0
9/8/2023 15:51	55101 WERT_T1	0	0	0	0	0	0	-1.69	-1.68	4	4	0	3300	3300	0
9/8/2023 15:52	56801 BENV_T1	0	1	1	0	0	0	0	0	0	0	0	0	0	0
9/8/2023 15:52	65604 QVIL_T2	0	0	0	0	0	0	0.5	0.47	0	0	0	0	0	0
9/8/2023 15:52	67601 WARW_T2	0	1	1	0	0	0	0	0	0	0	0	0	0	0
9/8/2023 15:53	55101 WERT_T1	0	0	0	0	0	0	-1.69	-1.68	4	4	0	3300	3300	0
9/8/2023 15:53	43202 MVIL_T2	0	0	0	0	0	0	-0.09	-0.39	0	0	0	0	0	0
9/8/2023 15:54	55101 WERT_T1	0	0	0	0	0	0	-3.39	-3.37	8	8	0	6600	6600	0
9/8/2023 15:57	45902 AUBU_T1	0	0	0	0	0	0	-0.18	-0.17	1	1	0	600	600	0
9/8/2023 16:07	55101 WERT_T1	0	0	0	0	0	0	-1.68	-1.8	4	4	0	3300	3300	0
9/8/2023 16:09	55101 WERT_T1	0	0	0	0	0	0	-1.68	-1.8	4	4	0	3300	3300	0
9/8/2023 16:10	55101 WERT_T1	0	0	0	0	0	0	-3.37	-3.61	8	8	0	6600	6600	0
9/8/2023 16:10	11101 EGYP_T1	5	5	0	0.98	0.86	-0.12	0	0	0	0	0	0	0	0
9/8/2023 16:15	49803 UNIV_T1	0	0	0	0	0	0	-0.39	-0.37	0	0	0	0	0	0
9/8/2023 16:17	52403 GRPA_T2	0	0	0	0	0	0	0.1	-0.52	0	0	0	0	0	0
9/8/2023 16:20	57303 MOAL_T2	1	1	0	9	8.7	-0.3	0	0	0	0	0	0	0	0
9/8/2023 16:24	67502 WEWI_T2	5	5	0	0.54	0.65	0.11	0	0	0	0	0	0	0	0
9/8/2023 16:35	13601 RICH_T2	1	1	0	0.9	0	-0.9	0	0	0	0	0	0	0	0
9/8/2023 16:42	64101 REFR_T1	15	15	0	1.93	2.08	0.15	0.71	0.73	0	0	0	0	0	0
9/8/2023 16:42	61202 REIN_T1	0	4	4	0	0.13	0.13	0	0	0	0	0	0	0	0
9/8/2023 16:42	47101 MARL_T1	44	54	10	0.58	1.11	0.53	0	0	1	1	0	600	600	0
9/8/2023 17:47	61202 REIN_T1	4	7	3	0.3	0.46	0.16	0	0	0	0	0	0	0	0
9/8/2023 17:52	61202 REIN_T1	4	7	3	0.3	0.46	0.16	0	0	0	0	0	0	0	0
9/8/2023 17:54	44203 POIN_T2	0	2	2	0	0	0	0.37	-0.07	2	2	0	2100	2100	0
9/8/2023 17:55	44201 POIN_T1	52	51	-1	1.42	0.98	-0.44	-2.04	-0.75	1	1	0	900	900	0
9/8/2023 17:56	44201 POIN_T1	52	51	-1	1.42	0.98	-0.44	-2.04	-0.75	1	1	0	900	900	0
9/8/2023 18:00	44201 POIN_T1	18	51	33	0.98	0	-0.98	-2.04	-0.75	1	1	0	900	900	0
9/8/2023 18:15	44201 POIN_T1	0	0	0	0	0	0	-0.75	-1.72	1	2	1	900	2100	1200
9/8/2023 18:16	44201 POIN_T1	0	0	0	0	0	0	-0.75	-1.72	1	2	1	900	2100	1200
9/8/2023 18:19	44201 POIN_T1	0	0	0	0	0	0	-1.72	-1.77	1	2	1	900	2100	1200
9/8/2023 18:20	44201 POIN_T1	0	0	0	0	0	0	-1.72	-1.77	1	2	1	900	2100	1200
9/8/2023 18:26	43401 BENT_T1	103	1	-102	1.02	0	-1.02	0	0	0	0	0	0	0	0
9/8/2023 18:52	61202 REIN_T1	4	4	0	0.18	0.2	0.02	0	0	0	0	0	0	0	0
9/8/2023 19:07	61202 REIN_T1	4	5	1	0.2	0.3	0.1	0	0	0	0	0	0	0	0
9/8/2023 19:12	43401 BENT_T1	1	0	-1	0.5	0	-0.5	0	0	0	0	0	0	0	0
9/8/2023 19:32	61202 REIN_T1	5	8	3	0.3	0.49	0.19	0	0	0	0	0	0	0	0
9/8/2023 20:12	43402 BENT_T1	0	0	0	0	0	0	-0.78	-0.8	1	1	0	900	900	0
9/8/2023 20:25	53601 DALM_T2	1	1	0	1	0.8	-0.2	-0.56	-0.51	1	1	0	600	600	0
9/8/2023 20:35	12701 MACU_T1	0	0	0	0	0	0	-0.77	-0.79	1	1	0	1200	1200	0
9/8/2023 20:37	61202 REIN_T1	8	38	30	0.49	0.45	-0.04	0	0	0	0	0	0	0	0
9/8/2023 20:40	15001 BLMO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9/8/2023 20:42	15001 BLMO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9/8/2023 20:58	59101 WALK_T2	1	1	0	0	0	0	0.45	0.55	3	3	0	1650	1650	0
9/8/2023 21:10	56802 BENV_T2	2	2	0	0.5	0.3	-0.2	-0.68	-0.05	0	0	0	0	0	0
9/8/2023 21:12	65604 QVIL_T2	0	0	0	0	0	0	0.78	0.76	0	0	0	0	0	0
9/8/2023 21:16	60801 BUCK_T1	49	64	15	0.44	0.63	0.19	0	0	0	0	0	0	0	0
9/8/2023 21:18	53502 EVIL_T2	4	4	0	1.35	1.58	0.23	0	0	0	0	0	0	0	0
9/8/2023 21:19	65604 QVIL_T2	0	0	0	0	0	0	0.76	0.71	0	0	0	0	0	0
9/8/2023 21:20	44901 SCOT_T2	0	0	0	0	0	0	0.32	0.29	0	0	0	0	0	0
9/8/2023 21:21	56501 ROCK_T2	0	3	3	0	0.17	0.17	0	0	0	0	0	0	0	0
9/8/2023 21:21	67503 WEWI_T2	0	0	0	0	0	0	0.52	0.46	0	0	0	0	0	0
9/8/2023 21:22	20403 ASHF_T2	0	0	0	0	0	0	0.76	0.75	0	0	0	0	0	0
9/8/2023 21:22	44202 POIN_T2	0	0	0	0	0	0	-0.7	-0.68	1	1	0	1200	1200	0
9/8/2023 21:22	56501 ROCK_T2	0	3	3	0	0.17	0.17	0	0	0	0	0	0	0	0
9/8/2023 21:23	45902 AUBU_T1	1	8	7	0.5	0.21	-0.29	0	0	0	0	0	0	0	0
9/8/2023 21:24	13606 RICH_T2	0	0	0	0	0	0	1.22	1.23	0	0	0	0	0	0
9/8/2023 21:25	13704 SCHN_T2	0	0	0	0	0	0	-0.43	-0.45	0	0	0	0	0	0
9/8/2023 21:26	45902 AUBU_T1	1	8	7	0.5	0.21	-0.29	-0.57	-0.64	1	1	0	600	600	0
9/8/2023 21:26	67503 WEWI_T2	0	0	0	0	0	0	-1.02	-1.05	1	1	0	900	900	0
9/8/2023 21:26	53903 HALI_T2	2	2	0	0.3	0.9	0.6	-0.04	-0.05	0	0	0	0	0	0
9/8/2023 21:27	66505 SMAN_T2	0	0	0	0	0	0	0.05	-0.02	3	3	0	2100	2100	0
9/8/2023 21:28	41801 GOCI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9/8/2023 21:28	56801 BENV_T1	19	22	3	0.88	1.2	0.32	0	0	0	0	0	0	0	0
9/8/2023 21:28	54701 NEBL_T1	3	6	3	0.17	0.22	0.05	0	0	1	1	0	600	600	0
9/8/2023 21:29	55101 WERT_T1	0	0	0	0	0	0	-1.64	-1.66	3	3	0	2400	2400	0
9/8/2023 21:29	17805 GILB_T2	0	0	0	0	0	0	-0.42	-0.46	0	0	0	0	0	0
9/8/2023 21:29	64301 LINC_T1	0	0	0	0	0	0	-0.84	-0.92	1	1	0	600	600	0
9/8/2023 21:29	57304 MOAL_T2	0	0	0	0	0	0	0	0.08	0	0	0	0	0	0
9/8/2023 21:29	48302 ORWI_T2	2	2	0	1.85	1.45	-0.4	-0.45	0.1	0	0	0	0	0	0
9/8/2023 21:30	56802 BENV_T2	0	0	0	0	0	0	-0.05	-0.06	0	0	0	0	0	0
9/8/2023 21:30	52402 GRPA_T2	4	5	1	1.23	1.26	0.03	0	0	0	0	0	0	0	0
9/8/2023 21:31	56802 BENV_T2	0	0	0	0	0	0	-0.05	-0.06	0	0	0	0	0	0
9/8/2023 21:31	52402 GRPA_T2	4	5	1	1.23	1.26	0.03	0	0	0	0	0	0	0	0
9/8/2023 21:31	40101 HUNT_T2	0	0	0	0	0	0	-0.54	-0.57	0	0	0	0	0	0
9/8/2023 21:32	46602 LACR_T1	0	0	0	0	0	0	0.25	0.22	0	0	0	0	0	0
9/8/2023 21:32	41901 REED_T1	11	11	0	0.67	0.85	0.18	-1.44	-1.44	1	1	0	900	900	0
9/8/2023 21:32	55101 WERT_T1	0	0	0	0	0	0	-1.64	-1.66	3	3	0	2400	2400	0
9/8/2023 21:33	13503 MCMI_T2	0	0	0	0	0	0	0.05	0.04	0	0	0	0	0	0
9/8/2023 21:34	44201 POIN_T1	0	0	0	0	0	0	-2.08	-2.09	2	2	0	2100	2100	0
9/8/2023 21:34	59402 RFLD_T2	10	26	16	0.23	0.26	0.03	-1.12	-1.12	1	1	0	450	450	0
9/8/2023 21:35	44201 POIN_T1	0	0	0	0	0	0	-4.15	-4.18	4	4	0	4200	4200	0
9/8/2023 21:36	44202 POIN_T2	0	0	0	0	0	0	-0.68	-0.69	1	1	0	1200	1200	0
9/8/2023 21:36	42201 SHEN_T2	2	2	0	0.25	0.35	0.1	-0.02	-0.04	1	1	0	600	600	0
9/8/2023 22:02	61202 REIN_T1	59	32	-27	0.78	0.37	-0.41	0	0	0	0	0	0	0	0
9/8/2023 23:01	53903 HALI_T2	0	2	2	0	0.5	0.5	-0.12	-0.13	0	0	0	0	0	0
9/8/2023 23:15	61202 REIN_T1	30	54	24	0.31	0.47

Appendix C - Grid Benefits Achieved in Each Instance of Active Management

9/9/2023 0:28	44601 SALE_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9/9/2023 0:28	43001 ALWD_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9/9/2023 0:28	40902 JESH_T1	0	0	0	0	0	0	-0.59	-0.61	0	0	0	0	0	0
9/9/2023 0:28	41602 CLEV_T1	0	0	0	0	0	0	0	0	2	2	0	1200	1200	0
9/9/2023 0:28	44802 EDAN_T2	0	0	0	0	0	0	-4.77	-4.8	2	2	0	2400	2400	0
9/9/2023 0:28	44201 POIN_T1	0	0	0	0	0	0	-4.5	-4.69	5	5	0	4500	4500	0
9/9/2023 0:28	12701 MACU_T1	0	0	0	0	0	0	-2.08	-2.09	2	2	0	2400	2400	0
9/9/2023 0:28	59301 MCAL_T1	0	3	3	0	0.13	0.13	-1.18	-1.2	0	0	0	0	0	0
9/9/2023 0:28	67602 WARW_T2	0	0	0	0	0	0	0.55	0.55	1	1	0	1200	1200	0
9/9/2023 0:28	45602 WOOL_T1	0	0	0	0	0	0	0.67	0.61	0	0	0	0	0	0
9/9/2023 0:28	60701 BREC_T1	0	0	0	0	0	0	-0.33	-0.33	1	1	0	600	600	0
9/9/2023 0:28	26603 BROO_T1	0	0	0	0	0	0	0.36	0.28	0	0	0	0	0	0
9/9/2023 0:28	67503 WEWI_T2	0	0	0	0	0	0	0.06	0.05	0	0	0	0	0	0
9/9/2023 0:28	23401 HONE_T2	0	0	0	0	0	0	-0.16	-0.17	0	0	0	0	0	0
9/9/2023 0:28	17804 GILB_T2	0	0	0	0	0	0	-0.45	-0.45	0	0	0	0	0	0
9/9/2023 0:28	28403 HART_T2	0	0	0	0	0	0	-1.68	-1.72	2	2	0	1800	1800	0
9/9/2023 0:28	58402 MORO_T1	0	0	0	0	0	0	-5.84	-5.88	9	9	0	7200	7200	0
9/9/2023 0:28	10805 CHHI_T2	1	1	0	8.4	8.4	0	-0.89	-0.93	1	1	0	600	600	0
9/9/2023 0:28	46203 DANV_T2	0	0	0	0	0	0	0.15	0.14	0	0	0	0	0	0
9/9/2023 0:28	54701 NEBL_T1	0	0	0	0	0	0	0	0	1	1	0	600	600	0
9/9/2023 0:28	66703 STRA_T1	0	0	0	0	0	0	-0.05	-0.09	0	0	0	0	0	0
9/9/2023 0:28	44502 HAMI_T2	1	1	0	3.2	3.4	0.2	-0.01	-0.03	0	0	0	0	0	0
9/9/2023 0:28	66505 SMAN_T2	0	0	0	0	0	0	0.2	0.08	2	2	0	1500	1500	0
9/9/2023 5:24	61202 REIN_T1	61	61	0	0.99	0.89	-0.1	0	0	0	0	0	0	0	0
9/9/2023 7:33	61202 REIN_T1	22	8	-14	0.28	0.36	0.08	0	0	0	0	0	0	0	0
9/9/2023 7:58	61202 REIN_T1	7	14	7	0.26	0.32	0.06	0	0	0	0	0	0	0	0
9/9/2023 8:07	29402 BELT_T1	31	68	37	0.24	0.35	0.11	0	0	0	0	0	0	0	0
9/9/2023 8:20	59101 WALK_T2	1	1	0	0	0	0.7	0.72	2	2	0	1050	1050	0	
9/9/2023 8:22	29402 BELT_T1	39	67	28	0.26	0.35	0.09	0	0	0	0	0	0	0	0
9/9/2023 8:26	63304 GREE_T1	1	1	0	6.3	6.4	0.1	0	0	0	0	0	0	0	0
9/9/2023 8:30	54701 NEBL_T1	0	0	0	0	0	0	0	0	1	1	0	600	600	0
9/9/2023 8:30	63304 GREE_T1	1	1	0	6.5	6.4	-0.1	0	0	0	0	0	0	0	0
9/9/2023 8:35	43304 WATS_T2	0	2	2	0	0.6	0.6	-0.46	-0.43	0	0	0	0	0	0
9/9/2023 8:36	63305 GREE_T1	0	0	0	0	0	0	-0.41	-0.42	1	1	0	900	900	0
9/9/2023 8:39	43304 WATS_T2	0	2	2	0	0.6	0.6	-0.46	-0.43	0	0	0	0	0	0
9/9/2023 8:45	54701 NEBL_T1	0	0	0	0	0	0	0	0	1	1	0	600	600	0
9/9/2023 8:56	45901 AUBU_T1	0	0	0	0	0	0	0.98	0.95	0	0	0	0	0	0
9/9/2023 9:08	26603 BROO_T1	0	0	0	0	0	0	0.2	0.19	0	0	0	0	0	0
9/9/2023 9:11	26603 BROO_T1	0	0	0	0	0	0	0.2	0.19	0	0	0	0	0	0
9/9/2023 9:16	58402 MORO_T1	0	0	0	0	0	0	-1.97	-1.92	3	3	0	2400	2400	0
9/9/2023 9:17	58402 MORO_T1	0	0	0	0	0	0	-1.97	-1.92	3	3	0	2400	2400	0
9/9/2023 9:17	54701 NEBL_T1	0	0	0	0	0	0	0	0	1	1	0	600	600	0
9/9/2023 9:18	48302 ORWI_T2	2	2	0	0.55	0.45	-0.1	-0.08	-0.07	0	0	0	0	0	0
9/9/2023 9:18	58402 MORO_T1	0	0	0	0	0	0	-1.97	-1.92	3	3	0	2400	2400	0
9/9/2023 9:26	44502 HAMI_T2	1	1	0	1.9	1.6	-0.3	-0.01	0.01	0	0	0	0	0	0
9/9/2023 9:32	48302 ORWI_T2	2	2	0	0.45	0.25	-0.2	-0.07	-0.04	0	0	0	0	0	0
9/9/2023 9:32	13503 MCMI_T2	0	0	0	0	0	0	-0.01	-0.01	0	0	0	0	0	0
9/9/2023 9:33	54701 NEBL_T1	0	0	0	0	0	0	0	0	1	1	0	600	600	0
9/9/2023 9:35	42201 SHEN_T2	4	4	0	0.43	0.4	-0.03	-0.13	-0.12	1	1	0	600	600	0
9/9/2023 9:35	45902 AUBU_T1	0	0	0	0	0	0	-0.71	-0.71	1	1	0	600	600	0
9/9/2023 9:37	45902 AUBU_T1	0	0	0	0	0	0	-0.71	-0.71	1	1	0	600	600	0
9/9/2023 9:38	67602 WARW_T2	0	0	0	0	0	0	1.42	0.52	1	1	0	300	300	0
9/9/2023 9:44	47101 MARL_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9/9/2023 9:45	43202 MVIL_T2	0	0	0	0	0	0	-0.52	-0.5	0	0	0	0	0	0
9/9/2023 9:47	41901 REED_T1	1	5	4	0.2	0.24	0.04	-1.97	-1.95	1	1	0	900	900	0
9/9/2023 9:50	64101 REFR_T1	3	3	0	6.67	6.33	-0.34	0.2	0.24	0	0	0	0	0	0
9/9/2023 9:50	65902 SAKR_T2	0	0	0	1	1	0	-0.04	-0.03	1	1	0	300	300	0
9/9/2023 9:51	43304 WATS_T2	2	3	1	0.75	0	-0.75	-0.34	-0.73	0	0	0	0	0	0
9/9/2023 9:54	20401 ASHF_T2	0	1	1	0	6.8	6.8	0	0	0	0	0	0	0	0
9/9/2023 9:56	29402 BELT_T1	2	34	32	0.2	0.27	0.07	0	0	0	0	0	0	0	0
9/9/2023 9:57	23401 HONE_T2	0	0	0	0	0	0	0.25	0.28	0	0	0	0	0	0
9/9/2023 10:00	52402 GRPA_T2	1	1	0	2.1	3	0.9	0	0	0	0	0	0	0	0
9/9/2023 10:00	20402 ASHF_T2	0	3	3	0	0	0	0	0	0	0	0	0	0	0
9/9/2023 10:00	60801 BUCK_T1	109	108	-1	0.64	0.64	0	0	0	0	0	0	0	0	0
9/9/2023 10:00	52503 PROG_T2	0	0	0	0	0	0	-0.43	-0.36	1	1	0	900	900	0
9/9/2023 10:00	64801 MONE_T2	0	0	0	0	0	0	0.55	0.57	0	0	0	0	0	0
9/9/2023 10:00	66505 SMAN_T2	0	1	1	0	0	0	0.15	0.15	4	4	0	2300	2300	0
9/9/2023 10:00	59101 WALK_T2	1	2	1	0	0	0	0.9	0.9	2	2	0	1050	1050	0
9/9/2023 10:00	12604 MACA_T1	0	0	0	0	0	0	0.48	0.47	0	0	0	0	0	0
9/9/2023 10:00	67604 WARW_T1	0	0	0	0	0	0	0.25	0.29	0	0	0	0	0	0
9/9/2023 10:00	10602 BLGI_T2	1	1	0	9.6	9.6	0	0.42	0.42	0	0	0	0	0	0
9/9/2023 10:00	41901 REED_T1	3	5	2	0.27	0.24	-0.03	-1.95	-1.96	1	1	0	900	900	0
9/9/2023 10:00	53903 HAU_T2	0	0	0	0	0	0	-0.02	-0.09	0	0	0	0	0	0
9/9/2023 10:00	64101 REFR_T1	3	3	0	6.3	6.33	0.03	0.2	0.24	0	0	0	0	0	0
9/9/2023 10:00	56601 HAMP_T1	0	0	0	0	0	0	-0.06	-0.07	0	0	0	0	0	0
9/9/2023 10:00	54001 SDLE_T1	1	1	0	0.5	0.4	-0.1	0	0	1	1	0	600	600	0
9/9/2023 10:00	15604 NSTR_T1	0	0	0	0	0	0	0.12	0.11	0	0	0	0	0	0
9/9/2023 10:06	56803 BENV_T1	3	1	-2	0.73	0.4	-0.33	0.2	0.22	0	0	0	0	0	0
9/9/2023 10:06	54001 SDLE_T1	1	1	0	0.5	0.4	-0.1	0	0	1	1	0	600	600	0
9/9/2023 10:06	42201 SHEN_T2	4	3	-1	0.3	0.47	0.17	-0.09	-0.07	1	1	0	600	600	0
9/9/2023 10:07	45902 AUBU_T1	0	0	0	0	0	0	-0.74	-0.72	1	1	0	600	600	0
9/9/2023 10:07	54001 SDLE_T1	1	1	0	0.5	0.4	-0.1	0	0	1	1	0	600	600	0
9/9/2023 10:08	59101 WALK_T2	1	2	1	0	0	0	0.9	0.85	2	2	0	1050	1050	0
9/9/2023 10:08	45902 AUBU_T1	0	0	0	0	0	0	-0.74	-0.72	1	1	0	600	600	0
9/9/2023 10:08	66505 SMAN_T2	0	1	1	0	0	0	0.15	-0.06	4	4	0	2300	2300	0
9/9/2023 10:09	20402 ASHF_T2	0	3	3	0	0	0	0	0	0	0	0	0	0	0
9/9/2023 10:09	45903 AUBU_T1	0	0	0	0	0	0	0.92	0.94	0	0	0	0	0	0
9/9/2023 10:09	45602 WOOL_T1	0	0	0	0	0	0	0.73	0.71	0	0	0	0	0	0
9/9/2023 10:10	56803 BENV_T1	3	1	-2	0.73	0.4	-0.33	0.2	0.22	0	0	0	0	0	0
9/9/2023 10:10	67602 WARW_T2	0	0	0	0	0	0	0.53	0.52	1	1	0	300	300	0
9/9/2023 10:12	52402 GRPA_T2	1	1	0	2.1	3	0.9	0	0	0	0	0	0	0	0
9/9/2023 10:12	23401 HONE_T2	0	0	0	0	0	0	0.28	0.32	0	0	0	0	0	0
9/9/2023 10:12	40101 HUNT_T2	0	1	1	0	0	0	-0.23	-0.18	0	0	0	0	0	0
9/9/2023 10:13	44502 HAMI_T2	1	5	4	1.3	0.92	-0.38	0.09	0.13	0	0	0	0	0	0
9/9/2023 10:14	63402 HONY_T2	1	1	0	0.5	0.3	-0.2	0	0	0	0	0	0	0	0
9/9/2023 10:14	13503 MCMI_T2	0	0	0	0	0	0	0.03	-0.01	0	0	0	0	0	0
9/9/2023 10:15	28403 HART_T2	0	0	0	0	0	0	-0.82	-0.81	1	1	0	900	900	0
9/9/2023 10:16	43202 MVIL_T2	0	0	0	0	0	0	-0.49	-0.5	0	0	0	0	0	0
9/9/2023 10:18	48302 ORWI_T2	2	2	0	0.7	0.95	0.25	-0.6	-0.56	0	0	0	0	0	0
9/9/2023 10:21	44901 SCOT_T2	0	0	0	0	0	0	0.47	0.54	0	0	0	0	0	0
9/9/2023 10:22	29402 BELT_T1	29	39	10	0.22	0.35	0.13	0	0	0	0	0	0	0	0
9/9/2023 10:23	29402 BELT_T1	29	39	10	0.22	0.35	0.13	0	0	0	0	0	0	0	0
9/9/2023 10:24	45901 AUBU_T1	0	0	0	0	0	0	0.94	0.93	0	0	0	0	0	0
9/9/2023 10:25	28604 BLYT_T2	0	0	0	0	0	0	-1.12	-1.13	0	0	0	0	0	0
9/9/2023 10:25	29402 BELT_T1	29	39	10	0.22	0.35	0.13	0	0	0	0	0	0	0	0
9/9/2023 10:25	44302 BEAV_T2	0	0	0	0	0	0	0.32	0.32	0	0	0	0	0	0
9/9/2023 10:26	17804 GILB_T2	0	0	0	0	0	0	-0.43	-0.41	0	0	0	0	0	0
9/9/2023 10:26	16402 MOPO_T1	0	0	0	0	0	0	-0.29	-0.38	0	0	0	0	0	0
9/9/2023 10:28	17805 GILB_T2	0	0	0	0	0	0	0.27	0.33	0	0	0	0	0	0
9/9/2023 10:28	45802 HEGI_T2	0	1	1	0	0	0	0.6	0.55	1	1	0	300	300	0
9/9/2023 10:28	16402 MOPO_T1	0	0	0	0	0	0	-0.29	-0.38	0	0	0	0	0	0
9/9/2023 10:28	43304 WATS_T2	0	3	3	0	0	0	-0.67	-0.69	0	0	0	0	0	0
9/9/2023 10:29	43402 BENT_T1	0	4	4	0	0.15	0.15	-0.82	-0.82	1	1	0	900	900	0
9/9/2023 10:31	52402 GRPA_T2	1	2	1	2.9	2.7	-0.2	0	0	0	0	0	0	0	0
9/9/2023 10:31	47101 MARL_T1	0	1	1	0	0	0	0	0	0	0	0	0	0	0
9/9/2023 10:32	65902 SAKR_T2	0	0	0	0	0	0	-0.01	-0.01	1	1	0	300	300	0
9/9/2023 10:33	65604 QVIL_T2	0	0	0	0	0	0	0.58	0.61	0	0	0	0	0	0
9/9/2023 10:37	65604 QVIL_T2	0	0	0	0	0	0	0.61	0.63	0	0	0	0	0	0
9/9/2023 10:39	16302 ALPA_T2	0	0	0	0	0	0	-0.27	-0.27	0	0	0	0	0	0
9/9/2023 10:39	49803 UNIV_T1	0	1	1	0	0.2	0.2	-0.7	-0.63	0	0	0	0	0	0
9/9/2023 10:41	16302 ALPA_T2	0	0	0	0	0	0	-0.27	-0.27	0	0	0	0	0	0
9/9/2023 10:50	67502 WEWI_T2	0	0	0	0	0	0	-0.99	-0.95	1	1	0	900	900	0
9/9/2023 10:51	67502 WEWI_T2	0	0	0	0	0	0	-0.99	-0.95	1	1	0	900	900	0
9/9/2023 10:53	29401 BELT_T1	0	0	0	0	0	0	0	0	1	1	0	900	900	0
9/9/2023 10:54	26603 BROO_T1	0	0	0	0	0	0	0.23	0.21	0	0	0	0	0	0
9/9/2023 10:54	67502 WEWI_T2	0	0	0	0	0	0	-0.99	-0.95	1	1	0	900	900	0
9/9/2023 10:55	29401 BELT_T1	0	0	0	0	0	0	0	0	1	1	0	900	900	0
9/9/2023 10:56	26601 BROO_T1	0	1	1	0	0	0	0	0	0	0	0	0	0	0
9/9/2023 11:00	28403 HART_T2	0	0	0	0	0	0	-0.78	-0.76	1	1	0	900	900	0
9/9/2023 11:02	56504 ROCK_T2	0	6	6	0	0	0	-0.01	0.01	0	0	0	0	0	0
9/9/2023 11:03	47101 MARL_T1	0	1	1	0	0	0	0	0	1	1	0	600	600	0
9/9/2023 11:05	56802 BENV_T2	0	2	2	0	0.55	0.55	-0.71	-0.68	0	0	0	0	0	0
9/9/2023 11:06	59101 WALK_T2	13	10	-3	0.35	0.8	0.45	0.9	1.07	2	2	0	1050	1050	0
9/9/2023 11:06	44601 SALE_T2	0	0	0	0	0	0	0.14	0.13	0	0	0	0	0	0
9/9/2023 11:06	67502 WEWI_T2	0	0	0	0	0	0	-0.95	-0.94	1	1	0	900	900	0
9/9/2023 11:07	56504 ROCK_T2	0	6	6	0	0	0	0	0.07	0	0	0	0	0	0
9/9/2023 11:07	67502 WEWI_T2	0	0	0	0	0	0	-0.95	-0.94	1	1	0	900	900	0
9/9/2023 11:07	44301 BEAV_T2	0	3	3	0	0.33	0.33	0	0	0	0	0	0	0	0
9/9/2023 11:10	46204 DANV_T2	1	2	1	0.5	0	-0.5	0	0	0	0	0	0	0	0
9/9/2023 11:10	67502 WEWI_T2	0	0	0	0	0	0	-0.95	-0.94	1	1	0	900	900	0
9/9/2023 11:10	56504 ROCK_T2	0	6	6	0	0	0	0	0.07	0	0	0	0	0	0
9/9/2023 11:11	60803 BUCK_T1	0	0	0	0	0	0	-0.96	-0.89	1	1	0	600	600	0
9/9/2023 11:13	53601 DALM_T2	1	1	0	0.6	0.8	0.2	-0.49	-0.53	0	0	0	0	0	0
9/9/2023 11:15	42901 MIDD_T2	0	1	1	0	0.1	0.1	0	0	0	0	0	0	0	0
9/9/2023 11:18	54701 NEBL_T1	0	0	0	0	0	0	0	0	1	1	0	600	600	0
9/9/2023 11:18	44203 POIN_T2	3	0	-3	0.27	0	-0.27	0.49	0.53	1	1	0	900	900	0
9/9/2023 11:19	65901 SAKR_T2	0	0	0	0	0	0	-0.06	-0.05	2	2	0	1500	1500	0
9/9/2023 11:19	43402 BENT_T1	1	3	2	1.7	0.5	-1.2	-0.8	-0.82	1	1	0	900	900	0
9/9/2023 11:20	60502 NMAN_T2	0	0	0	0	0	0	-0.25	-0.22	0	0	0	0	0	0
9/9/2023 11:20	44203 POIN_T2	3	0	-3	0.27	0	-0.27	0.53	0.58	1	1	0	900	900	0
9/9/2023 11:23	43304 WATS_T2	0	3	3	0	0	0	-0.71	-0.64	0	0	0	0	0	0
9/9/2023 11:24	16402 MOPO_T1	0	0	0	0	0	0	-0.22	-0.22	0	0	0	0	0	0
9/9/2023 11:25	16402 MOPO_T1	0	0	0	0	0	0	-0.22	-0.22	0	0	0	0	0	0
9/9/2023 11:27	10805 CHHI_T2	1	8	7	9.4	9.5	0.1	-0.67	-0.64	1	1	0	600	600	0
9/9/2023 11:29	64301 LINC_T1	0	0	0	0	0	0	-0.82	-0.86	1	1	0	600	600	0
9/9/2023 11:29	43402 BENT_T1	1	3	2	1.7	0.5	-1.2	-0.8	-0.82	1	1	0	900	900	0
9/9/2023 11:30	57304 MOAL_T2	1	0	-1	0.4	0	-0.4	-0.08	-0.62	0	0	0	0	0	0
9/9/2023 11:32	64303 LINC_T1	0	0	0	0	0	0	-0.79	-0.74	0	0	0	0	0	0
9/9/2023 11:33	44201 POIN_T1	0	0	0	0	0	0	-1.91	-1.91	2	2	0	2100	2100	0
9/9/2023 11:33	65604 QVIL_T2	0	0	0	0	0	0	0.66	0.71	0	0	0	0	0	0
9/9/2023 11:33	54701 NEBL_T1	0	0	0	0	0	0	0	0	1	1	0	600	600	0
9/9/2023 11:34	44203 POIN_T2	0	0	0	0	0	0	0.58	0.59	1	1	0	900	900	0
9/9/2023 11:34	44901 SCOT_T2	0	0	0	0	0	0	0.84	0.79	0	0	0	0	0	0
9/9/2023 11:35	44203 POIN_T2	0	0	0	0	0	0	0.58	0.59	1	1	0	900	900	0
9/9/2023 11:35	65604 QVIL_T2	0	0	0	0	0	0	0.71	0.69	0	0	0	0	0	0
9/9/2023 11:36	59101 WALK_T2	12	16	4	0.77	0.66	-0.11	1.13	1.27	2	2	0	1050	1050	0
9/9/2023 11:37	59101 WALK_T2	12	16	4	0.77	0.66	-0.11	2.26	2.53	4	4	0	2100	2100	0
9/9/2023 11:37	60803 BUCK_T1	0	0	0	0	0	0	-0.88	-0.78	1	1	0	600	600	0
9/9/2023 11:37	49804 UNIV_T1	1	0	-1	0.2	0	-0.2	0	0	0	0	0	0	0	0
9/9/2023 11:37	42701 AUGU_T1	0	0	0	0	0	0	0	0	2	2	0	1800	1800	0
9/9/2023 11:38	20403 ASHF_T2	0	1	1	0	1.6	1.6	0.67	0.71	0	0	0	0	0	0
9/9/2023 11:38	42701 AUGU_T1	0	0	0	0	0	0	0	0	2	2	0	1800	1800	0
9/9/2023 11:38	16302 ALPA_T2	0	0	0	0	0	0	-0.16	-0.08	0	0	0	0	0	0
9/9/2023 11:38	44301 BEAV_T2	3	6	3	0.33	0.43	0.1	0	0	0	0	0	0	0	0
9/9/2023 11:38	59101 WALK_T2	12	16	4	0.77	0.66	-0.11	1.13	1.27	2	2	0	1050	1050	0
9/9/2023 11:38	10805 CHHI_T2	1	22	21	9.5	1.56	-7.94	-0.64	-0.61	1	1	0	600	600	0
9/9/2023 11:39	26603 BROO_T1	0	0	0	0	0	0	0.21	0.24	0	0	0	0	0	0
9/9/2023 11:39	44301 BEAV_T2	3	6	3	0.33	0.43	0.1	0	0	0	0	0	0	0	0
9/9/2023 11:40	28601 BLYT_T2	0	1	1	0	0	0	0	0	0	0	0	0	0	0
9/9/2023 11:40	45602 WOOL_T1	0	0	0	0	0	0	0.78	0.

9/9/2023 11:58	60803 BUCK_T1	0	0	0	0	0	0	-0.78	-0.76	1	1	0	600	600	0
9/9/2023 11:58	64305 LINC_T1	0	1	1	0	0	0	0	0	0	0	0	0	0	0
9/9/2023 11:59	63403 HONY_T2	0	0	0	0	0	0	-0.06	0	0	0	0	0	0	0
9/9/2023 11:59	64305 LINC_T1	0	1	1	0	0	0	0	0	0	0	0	0	0	0
9/9/2023 11:59	28403 HART_T2	0	0	0	0	0	0	-0.72	-0.77	1	1	0	900	900	0
9/9/2023 12:00	44505 HAMI_T2	0	2	2	0	0.15	0.15	0	0	0	0	0	0	0	0
9/9/2023 12:00	28403 HART_T2	0	0	0	0	0	0	-0.72	-0.77	1	1	0	900	900	0
9/9/2023 12:00	52402 GRPA_T2	1	1	0	2.7	2.1	-0.6	0	0	0	0	0	0	0	0
9/9/2023 12:01	57301 MOAI_T2	0	1	1	0	0	0	0	0	0	0	0	0	0	0
9/9/2023 12:02	52403 GRPA_T2	3	2	-1	0.63	0.2	-0.43	-0.24	-0.31	0	0	0	0	0	0
9/9/2023 12:02	44203 POIN_T2	0	7	7	0	0.1	0.1	0.59	0.63	1	1	0	900	900	0
9/9/2023 12:05	54701 NEBL_T1	0	0	0	0	0	0	0	0	1	1	0	600	600	0
9/9/2023 12:05	54001 SDLE_T1	1	4	3	1.5	1.2	-0.3	0	0	1	1	0	600	600	0
9/9/2023 12:06	45602 WOOL_T1	0	0	0	0	0	0	0.77	0.8	0	0	0	0	0	0
9/9/2023 12:06	44203 POIN_T2	0	7	7	0	0.1	0.1	0.63	0.66	1	1	0	900	900	0
9/9/2023 12:07	65604 QVIL_T2	0	0	0	0	0	0	1.41	1.52	0	0	0	0	0	0
9/9/2023 12:07	29402 BELT_T1	20	41	21	0.3	0.97	0.67	0	0	0	0	0	0	0	0
9/9/2023 12:07	54001 SDLE_T1	1	4	3	1.5	1.2	-0.3	0	0	2	2	0	1200	1200	0
9/9/2023 12:07	66703 STRA_T1	0	0	0	0	0	0	-0.53	-0.4	0	0	0	0	0	0
9/9/2023 12:08	49803 UNIV_T1	0	0	0	0	0	0	-0.49	-0.48	0	0	0	0	0	0
9/9/2023 12:08	29402 BELT_T1	20	41	21	0.3	0.97	0.67	0	0	0	0	0	0	0	0
9/9/2023 12:08	29401 BELT_T1	0	0	0	0	0	0	0	0	1	1	0	900	900	0
9/9/2023 12:10	29402 BELT_T1	20	41	21	0.3	0.97	0.67	0	0	0	0	0	0	0	0
9/9/2023 12:12	29403 BELT_T1	20	41	21	0.3	0.97	0.67	0	0	0	0	0	0	0	0
9/9/2023 12:14	64303 LINC_T1	0	0	0	0	0	0	-0.72	-0.7	0	0	0	0	0	0
9/9/2023 12:14	64301 LINC_T1	0	0	0	0	0	0	-0.79	-0.79	1	1	0	600	600	0
9/9/2023 12:14	28403 HART_T2	0	0	0	0	0	0	-0.77	-0.77	1	1	0	900	900	0
9/9/2023 12:15	44505 HAMI_T2	2	3	1	0.15	0	-0.15	0	0	0	0	0	0	0	0
9/9/2023 12:16	28403 HART_T2	0	0	0	0	0	0	-0.77	-0.77	1	1	0	900	900	0
9/9/2023 12:17	43402 BENT_T1	0	0	0	0	0	0	-0.79	-0.81	1	1	0	900	900	0
9/9/2023 12:23	66703 STRA_T1	0	0	0	0	0	0	-0.4	-0.35	0	0	0	0	0	0
9/9/2023 12:24	52403 GRPA_T2	1	12	11	0.2	0.35	0.15	-0.33	-0.31	0	0	0	0	0	0
9/9/2023 12:24	42701 AUGU_T1	0	1	1	0	0	0	0	0	2	2	0	1800	1800	0
9/9/2023 12:26	20402 ASHF_T2	0	6	6	0	0.23	0.23	0	0	0	0	0	0	0	0
9/9/2023 12:26	42701 AUGU_T1	0	1	1	0	0	0	0	0	2	2	0	1800	1800	0
9/9/2023 12:29	43401 BENT_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9/9/2023 12:32	52402 GRPA_T2	1	2	1	2.1	1.2	-0.9	0	0	0	0	0	0	0	0
9/9/2023 12:33	57303 MOAI_T2	1	1	0	8.1	8.1	0	0	0	0	0	0	0	0	0
9/9/2023 12:38	26603 BROO_T1	0	0	0	0	0	0	0.29	0.32	0	0	0	0	0	0
9/9/2023 12:39	46203 DANV_T2	0	3	3	0	0.2	0.2	-0.74	-0.75	0	0	0	0	0	0
9/9/2023 12:41	46203 DANV_T2	0	3	3	0	0.2	0.2	-0.74	-0.75	0	0	0	0	0	0
9/9/2023 12:42	26603 BROO_T1	0	0	0	0	0	0	0.29	0.32	0	0	0	0	0	0
9/9/2023 12:46	63402 HONY_T2	1	1	0	0.1	0.2	0.1	0	0	0	0	0	0	0	0
9/9/2023 12:48	44901 SCOT_T2	0	0	0	0	0	0	0.49	0.55	0	0	0	0	0	0
9/9/2023 12:53	44901 SCOT_T2	0	0	0	0	0	0	0.55	0.77	0	0	0	0	0	0
9/9/2023 12:59	47101 MARL_T1	11	18	7	0.65	0.31	-0.34	0	0	1	1	0	600	600	0
9/9/2023 13:03	47101 MARL_T1	8	33	25	0.29	0.64	0.35	0	0	1	1	0	600	600	0
9/9/2023 13:04	61202 REIN_T1	15	12	-3	0.38	0.38	0	0	0	1	1	0	900	900	0
9/9/2023 13:05	66703 STRA_T1	0	1	1	0	0	0	-0.32	-0.31	0	0	0	0	0	0
9/9/2023 13:08	43001 ALWD_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9/9/2023 13:10	46206 DANV_T2	3	7	4	0.7	0.63	-0.07	0	0	0	0	0	0	0	0
9/9/2023 13:10	29402 BELT_T1	37	43	6	0.96	1.27	0.31	0	0	0	0	0	0	0	0
9/9/2023 13:17	43402 BENT_T1	2	3	1	0.55	0.33	-0.22	-0.78	-0.78	1	1	0	900	900	0
9/9/2023 13:20	47901 HRDG_T1	0	0	0	0	0	0	0.49	0.43	1	1	0	1200	1200	0
9/9/2023 13:25	47901 HRDG_T1	0	0	0	0	0	0	0.49	0.43	1	1	0	1200	1200	0
9/9/2023 13:26	46206 DANV_T2	6	7	1	0.67	0.94	0.27	0	0	0	0	0	0	0	0
9/9/2023 13:29	43402 BENT_T1	2	3	1	0.55	0.33	-0.22	-0.78	-0.77	1	1	0	900	900	0
9/9/2023 13:35	64101 REFR_T1	4	4	0	4.63	6.27	1.64	-0.06	-0.05	0	0	0	0	0	0
9/9/2023 13:41	29402 BELT_T1	38	62	24	1.28	1.67	0.39	0	0	0	0	0	0	0	0
9/9/2023 13:42	44505 HAMI_T2	3	5	2	0.17	0.2	0.03	0	0	0	0	0	0	0	0
9/9/2023 13:45	44505 HAMI_T2	3	5	2	0.2	0.1	-0.1	0	0	0	0	0	0	0	0
9/9/2023 13:48	29402 BELT_T1	51	64	13	1.67	1.73	0.06	0	0	0	0	0	0	0	0
9/9/2023 13:50	54701 NEBL_T1	0	0	0	0	0	0	0	0	1	1	0	600	600	0
9/9/2023 13:53	29402 BELT_T1	51	64	13	1.67	1.73	0.06	0	0	0	0	0	0	0	0
9/9/2023 13:53	49803 UNIV_T1	0	0	0	0	0	0	-0.28	-0.34	0	0	0	0	0	0
9/9/2023 13:53	60801 BUCK_T1	15	29	14	0.23	0.32	0.09	0	0	0	0	0	0	0	0
9/9/2023 13:54	10805 CHHI_T2	107	137	30	0.67	0.65	-0.02	-0.4	-0.42	1	1	0	600	600	0
9/9/2023 13:55	28602 BLYT_T2	0	1	1	0	0	0	0	0	0	0	0	0	0	0
9/9/2023 13:55	60801 BUCK_T1	0	0	0	0	0	0	-0.4	-0.39	1	1	0	600	600	0
9/9/2023 13:59	64303 LINC_T1	0	0	0	0	0	0	-0.67	-0.63	1	1	0	600	600	0
9/9/2023 14:00	60604 NCOL_T2	0	0	0	0	0	0	0.51	0.52	0	0	0	0	0	0
9/9/2023 14:01	47101 MARL_T1	14	14	0	0.53	0.1	-0.43	0	0	1	1	0	600	600	0
9/9/2023 14:03	64101 REFR_T1	3	3	0	6.27	7	0.73	-0.05	-0.04	0	0	0	0	0	0
9/9/2023 14:04	46001 BERW_T1	0	0	0	0	0	0	0.16	0.14	0	0	0	0	0	0
9/9/2023 14:04	64101 REFR_T1	3	3	0	6.27	7	0.73	-0.04	-0.02	0	0	0	0	0	0
9/9/2023 14:07	13704 SCHN_T2	1	1	0	1.5	1	-0.5	-0.07	-0.13	0	0	0	0	0	0
9/9/2023 14:08	16402 MOPO_T1	0	1	1	0	0	0	-0.16	-0.15	0	0	0	0	0	0
9/9/2023 14:09	49804 UNIV_T1	1	3	2	0.4	1.7	1.3	0	0	0	0	0	0	0	0
9/9/2023 14:11	53601 DALM_T2	1	0	-1	0.1	0	-0.1	-0.52	-0.48	0	0	0	0	0	0
9/9/2023 14:12	61303 EARL_T1	1	0	-1	0.6	0	-0.6	-0.13	-0.17	0	0	0	0	0	0
9/9/2023 14:12	17805 GILB_T2	3	1	-2	0.2	0	-0.2	0	0	0	0	0	0	0	0
9/9/2023 14:12	53501 EVIL_T2	2	1	-1	4.35	0.2	-4.15	-0.6	-0.66	1	1	0	600	600	0
9/9/2023 14:13	53501 EVIL_T2	2	1	-1	4.35	0.2	-4.15	-1.21	-1.32	2	2	0	1200	1200	0
9/9/2023 14:13	61303 EARL_T1	1	0	-1	0.6	0	-0.6	-0.13	-0.17	0	0	0	0	0	0
9/9/2023 14:14	64305 LINC_T1	1	2	1	0.4	0.5	0.1	0	0	0	0	0	0	0	0
9/9/2023 14:15	17804 GILB_T2	1	1	0	0.2	0.7	0.5	0	0	0	0	0	0	0	0
9/9/2023 14:16	44502 HAMI_T2	5	1	-4	0.46	0.8	0.34	0.48	0.5	0	0	0	0	0	0
9/9/2023 14:16	63403 HONY_T2	8	0	-8	0.3	0	-0.3	-0.5	-1.61	1	1	0	600	600	0
9/9/2023 14:16	54701 NEBL_T1	0	0	0	0	0	0	0	0	1	1	0	600	600	0
9/9/2023 14:17	64101 REFR_T1	3	3	0	7	7.47	0.47	-0.04	-0.02	0	0	0	0	0	0
9/9/2023 14:17	43202 MVIL_T2	0	1	1	0	0	0	-0.41	-0.4	0	0	0	0	0	0
9/9/2023 14:17	16402 MOPO_T1	0	1	1	0	0	0	-0.16	-0.15	0	0	0	0	0	0
9/9/2023 14:18	57303 MOAI_T2	1	1	0	9.1	9.1	0	0	0	0	0	0	0	0	0
9/9/2023 14:18	47101 MARL_T1	14	9	-5	0.36	0.1	-0.26	0	0	1	1	0	600	600	0
9/9/2023 14:18	44203 POIN_T2	16	43	27	0.66	0.45	-0.21	0.56	0.64	1	1	0	900	900	0
9/9/2023 14:19	46001 BERW_T1	0	0	0	0	0	0	0.14	0.14	0	0	0	0	0	0
9/9/2023 14:23	60801 BUCK_T1	23	23	0	0.3	0.3	0	0	0	0	0	0	0	0	0
9/9/2023 14:23	45602 WOOL_T1	0	0	0	0	0	0	0.95	0.94	0	0	0	0	0	0
9/9/2023 14:24	11102 EGYP_T1	10	10	0	0.82	0.97	0.15	0	0	0	0	0	0	0	0
9/9/2023 14:24	46203 DANV_T2	0	0	0	0	0	0	-0.57	-0.62	0	0	0	0	0	0
9/9/2023 14:24	66703 STRA_T1	0	0	0	0	0	0	-0.15	-0.12	0	0	0	0	0	0
9/9/2023 14:24	29402 BELT_T1	56	70	14	1.76	1.76	0	0	0	0	0	0	0	0	0
9/9/2023 14:24	29402 BELT_T1	56	70	14	1.76	1.76	0	0	0	0	0	0	0	0	0
9/9/2023 14:24	43402 BENT_T1	2	3	1	0.15	0.6	0.45	-0.74	-0.73	1	1	0	900	900	0
9/9/2023 14:24	43304 WATS_T2	2	8	6	0.4	0.23	-0.17	-0.49	-0.49	0	0	0	0	0	0
9/9/2023 14:24	26603 BROO_T1	0	0	0	0	0	0	0.34	0.4	0	0	0	0	0	0
9/9/2023 14:24	13704 SCHN_T2	1	1	0	1.2	1	-0.2	-0.13	0.11	0	0	0	0	0	0
9/9/2023 14:25	49803 UNIV_T1	0	1	1	0	0.1	0.1	-0.26	-0.26	0	0	0	0	0	0
9/9/2023 14:25	29402 BELT_T1	56	70	14	1.76	1.76	0	0	0	0	0	0	0	0	0
9/9/2023 14:26	20402 ASHF_T2	3	10	7	0.33	0.27	-0.06	0	0	0	0	0	0	0	0
9/9/2023 14:27	29402 BELT_T1	56	70	14	1.76	1.76	0	0	0	0	0	0	0	0	0
9/9/2023 14:27	17805 GILB_T2	0	1	1	0	0.4	0.4	0	0	0	0	0	0	0	0
9/9/2023 14:27	60801 BUCK_T1	23	23	0	0.3	0.3	0	0	0	0	0	0	0	0	0
9/9/2023 14:27	26603 BROO_T1	0	0	0	0	0	0	0.34	0.4	0	0	0	0	0	0
9/9/2023 14:28	61303 EARL_T1	0	0	0	0	0	0	-0.17	-0.12	0	0	0	0	0	0
9/9/2023 14:29	45802 HEGI_T2	0	0	0	0	0	0	0.49	0.41	0	0	0	0	0	0
9/9/2023 14:29	63404 HONY_T1	2	2	0	5.45	5.55	0.1	0	0	0	0	0	0	0	0
9/9/2023 14:29	43402 BENT_T1	2	3	1	0.15	0.6	0.45	-0.74	-0.73	1	1	0	900	900	0
9/9/2023 14:29	61303 EARL_T1	0	0	0	0	0	0	-0.17	-0.12	0	0	0	0	0	0
9/9/2023 14:30	17804 GILB_T2	1	1	0	0.3	0.7	0.4	0	0	0	0	0	0	0	0
9/9/2023 14:30	44505 HAMI_T2	7	6	-1	0.44	0.78	0.34	0	0	0	0	0	0	0	0
9/9/2023 14:31	12701 MACU_T1	0	2	2	0	0.2	0.2	-1.25	-1.29	2	2	0	2400	2400	0
9/9/2023 14:32	54701 NEBL_T1	0	0	0	0	0	0	0	0	1	1	0	600	600	0
9/9/2023 14:32	60604 NCOL_T2	0	0	0	0	0	0	0.5	0.5	0	0	0	0	0	0
9/9/2023 14:32	44505 HAMI_T2	7	6	-1	0.44	0.78	0.34	0	0	0	0	0	0	0	0
9/9/2023 14:32	12701 MACU_T1	0	2	2	0	0.2	0.2	-0.63	-0.64	1	1	0	1200	1200	0
9/9/2023 14:33	64101 REFR_T1	3	3	0	6.97	7.47	0.5	-0.02	-0.03	0	0	0	0	0	0
9/9/2023 14:33	47101 MARL_T1	1	12	11	0.1	0.24	0.14	0	0	1	1	0	600	600	0
9/9/2023 14:33	47901 HRDG_T1	0	0	0	0	0	0	0.45	0.68	2	2	0	2400	2400	0
9/9/2023 14:34	42902 MIDD_T2	2	29	27	2.05	0.65	-1.4	-0.27	-0.28	0	0	0	0	0	0
9/9/2023 14:34	13704 SCHN_T2	1	3	2	1	1.7	0.7	0.11	0.22	0	0	0	0	0	0
9/9/2023 14:34	64301 LINC_T1	0	0	0	0	0	0	-0.6	-0.63	1	1	0	600	600	0
9/9/2023 14:34	46001 BERW_T1	0	0	0	0	0	0	0.14	0.13	0	0	0	0	0	0
9/9/2023 14:37	44201 POIN_T1	0	0	0	0	0	0	-2.19	-2.17	2	2	0	2100	2100	0
9/9/2023 14:37	55101 WERT_T1	0	0	0	0	0	0	-2.12	-2.18	4	4	0	3300	3300	0
9/9/2023 14:37	29402 BELT_T1	70	70	0	1.74	1.77	0.03	0	0	0	0	0	0	0	0
9/9/2023 14:38	15001 BLMO_T1	1	2	1	0.2	0.1	-0.1	0	0	0	0	0	0	0	0
9/9/2023 14:38	59101 WALK_T2	4	8	4	0.63	0.5	-0.13	0.95	1.07	8	8	0	4500	4500	0
9/9/2023 14:38	55101 WERT_T1	0	0	0	0	0	0	-2.12	-2.18	4	4	0	3300	3300	0
9/9/2023 14:39	46204 DANV_T2	26	35	9	0.28	0.2	-0.08	0	0	0	0	0	0	0	0
9/9/2023 14:39	45602 WOOL_T1	0	0	0	0	0	0	0.94	1	0	0	0	0	0	0
9/9/2023 14:39	10801 CHHI_T1	54	211	157	0.58	1.53	0.95	-1.06	-0.94	3	3	0	2100	2100	0
9/9/2023 14:39	55101 WERT_T1	0	0	0	0	0	0	-4.24	-4.36	8	8	0	6600	6600	0
9/9/2023 14:40	55101 WERT_T1	0	0	0	0	0	0	-2.12	-2.18	4	4	0	3300	3300	0
9/9/2023 14:40	53601 DALM_T2	0	1	1	0	0.1	0.1	-0.51	-0.53	0	0	0	0	0	0
9/9/2023 14:40	61303 EARL_T1	0	0	0	0	0	0	-0.12	-0.05	0	0	0	0	0	0
9/9/2023 14:40	29402 BELT_T1	70	70	0	1.74	1.77	0.03	0	0	0	0	0	0	0	0
9/9/2023 14:40	43301 WATS_T2	2	0	-2	0.2	0	-0.2	0	0	0	0	0	0	0	0
9/9/2023 14:41	49803 UNIV_T1	0	1	1	0	0.1	0.1	-0.26	-0.31	0	0	0	0	0	0
9/9/2023 14:41	10805 CHHI_T2	63	4	-59	0.72	3.23	2.51	-1.58	-1.48	2	2	0	1800	1800	0
9/9/2023 14:42	20402 ASHF_T2	9	10	1	0.3	0.4	0.1	0	0	0	0	0	0	0	0
9/9/2023 14:42	60803 BUCK_T1	2	3	1	0.4	0.9	0.5	-0.34	-0.32	1	1	0	600	600	0
9/9/2023 14:42	44505 HAMI_T2	7	6	-1	0.44	0.78	0.34	0	0	0	0	0	0	0	0
9/9/2023 14:42	15001 BLMO_T1	1	2	1	0.2	0.1	-0.1	0	0	0	0	0	0	0	0
9/9/2023 14:43	53601 DALM_T2	0	1	1	0	0.1	0.1	-0.51	-0.53	0	0	0	0	0	0
9/9/2023 14:44	60801 BUCK_T1	23	8	-15	0.3	0.15	-0.15	0	0	0	0	0	0	0	0
9/9/2023 14:44	64301 LINC_T1	0	0	0	0	0	0	-0.6	-0.63	1	1	0	600	600	0
9/9/2023 14:44	61303 EARL_T1	0	0	0	0	0	0	0	-0.12	-0.05	0	0	0	0	0
9/9/2023 14:45	63401 HONY_T1	0	0	0	0	0	0	0.78	0.79	0	0	0	0	0	0
9/9/2023 14:46	44502 HAMI_T2	1	1	0	0.6	0.9	0.3	0.45	0.55	0	0	0	0	0	0
9/9/2023 14:47	60604 NCOL_T2	0	1	1	0	0	0	0.5	0.51	0	0	0	0	0	0
9/9/2023 14:48	47101 MARL_T1	9	25	16	0.26	0.21	-0.05	0	0	1	1	0	600	600	0
9/9/2023 14:48	54701 NEBL_T1	0	0	0	0	0	0	0	0	1	1	0	600	600	0
9/9/2023 14:48	27502 WEIS_T2	9	18	9	0.66	0.51	-0.15	-0.56	-0.57	0	0	0	0	0	0
9/9/2023 14:49	44203 POIN_T2	36	50	14	0.59	0.57	-0.02	0.66	0.68	1	1	0	900	900	0
9/9/2023 14:50	44203 POIN_T2	36	50	14	0.59	0.57	-0.02	0.66	0.68	1	1	0	900	900	0
9/9/2023 14:50	56802 BENV_T2	0	0	0	0	0	0	-0.58	-0.62	0	0	0	0	0	0
9/9/2023 14:52	59402 RFLD_T2	0	0	0	0	0	0	-0.96	-0.97	1	1	0	450	450	0
9/9/2023 14:53	56504 ROCK_T2	9	15	6	0.73	0.32	-0.41	-0.49	-0.44	0	0	0	0	0	0
9/9/2023 14:55	56802 BENV_T2	0	0	0	0	0	0	-0.58	-0.62	0	0	0	0	0	0
9/9/2023 14:55	44802 EDAN_T2	0	0	0	0	0	0	2.81	2.79	1	1	0	1200	1200	0
9/9/2023 14:55	13704 SCHN_T2	1	3	2	1.7	0.9	-0.8	0.22	0.06	0	0	0	0	0	0
9/9/2023 14:55	29402 BELT_T1	55	83	28	1.77	1.72	-0.05	0	0	0	0	0	0	0	0
9/9/2023 14:55	43001 ALWD_T1	2	1	-1	0.15	0.2	0.05	0	0	1	1	0	1200	1200	0
9/9/2023 14:56	29402 BELT_T1	55	83	28	1.77	1.72	-0.05	0	0	0	0	0	0	0	0
9/9/2023 14:57	56501 ROCK_T2	0	0	0	0	0	0	-1.3	-1.23	0	0	0	0	0	0
9/9/2023 14:57	44801 EDAN_T2	4	6	2	1.3	1.08	-0.22	0	0	0	0	0	0	0	0
9/9/2023 14:57	45902 AUBU_T1	0	0	0	0	0	0	-0.56	-0.53	1	1	0	600	600	0
9/9/2023 14:59	17805 GILB_T2	1

Appendix C - Grid Benefits Achieved in Each Instance of Active Management

9/9/2023 15:38	67602 WARW_T2	0	0	0	0	0	0	-0.39	-0.37	2	2	0	1500	1500	0
9/9/2023 15:41	53501 EVIL_T2	1	3	2	1.2	0	-1.2	-0.63	-0.61	1	1	0	600	600	0
9/9/2023 15:42	53501 EVIL_T2	1	3	2	1.2	0	-1.2	-1.27	-1.23	2	2	0	1200	1200	0
9/9/2023 15:45	52403 GRPA_T2	4	12	8	0.25	0.3	0.05	-0.82	-0.78	0	0	0	0	0	0
9/9/2023 15:46	52402 GRPA_T2	3	4	1	0.77	1.07	0.3	0	0	0	0	0	0	0	0
9/9/2023 15:48	52403 GRPA_T2	4	12	8	0.25	0.3	0.05	-0.41	-0.39	0	0	0	0	0	0
9/9/2023 15:48	52404 GRPA_T2	5	1	-4	0.54	0	-0.54	0.12	0.2	0	0	0	0	0	0
9/9/2023 15:52	47901 HRDG_T1	0	2	0	0	0	0	2.34	2.62	2	2	0	2400	2400	0
9/9/2023 15:53	29402 BELT_T1	43	53	10	1.78	1.77	-0.01	0	0	0	0	0	0	0	0
9/9/2023 15:54	29402 BELT_T1	43	53	10	1.78	1.77	-0.01	0	0	0	0	0	0	0	0
9/9/2023 15:56	29402 BELT_T1	43	53	10	1.78	1.77	-0.01	0	0	0	0	0	0	0	0
9/9/2023 15:59	45802 HEGI_T2	0	2	2	0	0	0	0.48	0.4	0	0	0	0	0	0
9/9/2023 16:00	43402 BENT_T1	1	1	0	0.8	0.3	-0.5	-0.74	-0.73	1	1	0	900	900	0
9/9/2023 16:01	63403 HONY_T2	1	1	0	0.4	0.5	0.1	-1.47	-1.44	1	1	0	600	600	0
9/9/2023 16:03	43202 MVIL_T2	0	0	0	0	0	0	-0.36	-0.39	0	0	0	0	0	0
9/9/2023 16:05	52403 GRPA_T2	3	15	12	0.37	0.48	0.11	0	0	0	0	0	0	0	0
9/9/2023 16:18	64101 REFR_T1	3	3	0	6.43	6.63	0.2	0.01	0.07	0	0	0	0	0	0
9/9/2023 16:20	64101 REFR_T1	3	3	0	6.43	6.63	0.2	0.13	0.08	0	0	0	0	0	0
9/9/2023 16:21	64101 REFR_T1	3	3	0	6.43	6.63	0.2	0.07	0.04	0	0	0	0	0	0
9/9/2023 16:24	59101 WALK_T2	16	8	-8	0.45	0.65	0.2	0.34	0.49	4	4	0	2250	2250	0
9/9/2023 16:29	45003 LIME_2	2	5	3	0.7	0.45	-0.25	0	0	0	0	0	0	0	0
9/9/2023 16:30	45001 LIME_2	9	16	7	0.28	0.35	0.07	0	0	0	0	0	0	0	0
9/9/2023 16:33	61202 REIN_T1	0	5	5	0	0.14	0.14	0	0	1	1	0	900	900	0
9/9/2023 16:36	45302 WBER_T2	5	3	-2	0.44	1.45	1.01	0.73	0.73	0	0	0	0	0	0
9/9/2023 16:36	59101 WALK_T2	3	52	49	0.65	0.53	-0.12	0.98	1.04	8	8	0	4500	4500	0
9/9/2023 16:38	59101 WALK_T2	3	52	49	0.65	0.53	-0.12	0.49	0.52	4	4	0	2250	2250	0
9/9/2023 16:39	45303 WBER_T2	1	1	0	0.3	0	-0.3	0	0	0	0	0	0	0	0
9/9/2023 16:54	47001 HUGH_T2	5	3	-2	0.58	0	-0.58	-0.99	-1.01	1	1	0	900	900	0
9/9/2023 17:14	10602 BLGL_T2	1	1	0	6.2	7.3	1.1	0.96	0.87	0	0	0	0	0	0
9/9/2023 17:17	52402 GRPA_T2	5	2	-3	0.76	0.7	-0.06	0	0	0	0	0	0	0	0
9/9/2023 17:18	52401 GRPA_T2	28	26	-2	0.45	0.42	-0.03	0	0	0	0	0	0	0	0
9/9/2023 17:20	54701 NEBL_T1	0	1	1	0	0	0	0	0	1	1	0	600	600	0
9/9/2023 17:35	54701 NEBL_T1	0	1	1	0	0	0	0	0	1	1	0	600	600	0
9/9/2023 17:42	63305 GREE_T1	0	0	0	0	0	0	-0.56	-0.61	1	1	0	900	900	0
9/9/2023 18:14	64303 LINC_T1	0	0	0	0	0	0	-0.67	-0.68	0	0	0	0	0	0
9/9/2023 18:38	63304 GREE_T1	1	1	0	6.4	6.3	-0.1	0	0	0	0	0	0	0	0
9/9/2023 19:27	14403 SSLA_T1	0	0	0	0	0	0	0.48	0.46	1	1	0	600	600	0
9/9/2023 20:13	20403 ASHF_T2	0	0	0	0	0	0	0.71	0.62	0	0	0	0	0	0
9/9/2023 20:19	44302 BEAV_T2	101	235	134	0.32	0.4	0.08	0.39	0.39	0	0	0	0	0	0
9/9/2023 20:20	13704 SCHN_T2	0	0	0	0	0	0	-0.48	-0.49	0	0	0	0	0	0
9/9/2023 20:24	27502 WEIS_T2	0	0	0	0	0	0	-0.22	-0.25	0	0	0	0	0	0
9/9/2023 20:30	52401 GRPA_T2	1	1	0	0.3	0.7	0.4	0	0	0	0	0	0	0	0
9/9/2023 20:32	47101 MARL_T1	4	2	-2	0.15	0	-0.15	0	0	0	0	0	2	0	0
9/9/2023 20:33	15001 BLMO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9/9/2023 20:34	44201 POIN_T1	0	0	0	0	0	0	-1.01	-1.12	1	1	0	900	900	0
9/9/2023 20:36	52401 GRPA_T2	1	1	0	0.3	0.7	0.4	-0.41	-0.43	0	0	0	0	0	0
9/9/2023 20:36	47401 PENS_T1	0	0	0	0	0	0	0.25	0.21	0	0	0	0	0	0
9/9/2023 20:37	52401 GRPA_T2	1	1	0	0.3	0.7	0.4	0	0	0	0	0	0	0	0
9/9/2023 20:37	29401 BELT_T1	0	0	0	0	0	0	0	0	1	1	0	900	900	0
9/9/2023 20:39	47401 PENS_T1	0	0	0	0	0	0	0.25	0.21	0	0	0	0	0	0
9/9/2023 20:41	17805 GILB_T2	0	0	0	0	0	0	0.36	0.34	0	0	0	0	0	0
9/9/2023 20:42	17805 GILB_T2	0	0	0	0	0	0	0.36	0.34	0	0	0	0	0	0
9/9/2023 20:47	52402 GRPA_T2	1	4	3	3.6	1.1	-2.5	0	0	0	0	0	0	0	0
9/9/2023 20:47	40101 HUNT_T2	3	5	2	0.37	0.1	-0.27	-1.02	-1.02	0	0	0	0	0	0
9/9/2023 20:48	44502 HAMI_T2	1	1	0	2.5	2.4	-0.1	0.38	0.25	0	0	0	0	0	0
9/9/2023 20:49	42201 SHEN_T2	4	4	0	0.7	0.8	0.1	-0.14	-0.13	1	1	0	600	600	0
9/9/2023 20:50	43301 WATS_T2	1	1	0	0.1	0.4	0.3	0	0	0	0	0	0	0	0
9/9/2023 20:54	28604 BLYT_T2	0	0	0	0	0	0	-1.1	-1.14	0	0	0	0	0	0
9/9/2023 20:54	41901 REED_T1	10	11	1	0.46	0.55	0.09	-1.94	-1.93	1	1	0	900	900	0
9/9/2023 20:55	56802 BENV_T2	0	0	0	0	0	0	-0.87	-0.84	0	0	0	0	0	0
9/9/2023 20:55	45901 AUBU_T1	0	0	0	0	0	0	1.37	0.95	0	0	0	0	0	0
9/9/2023 20:56	17804 GILB_T2	0	0	0	0	0	0	-0.38	-0.4	0	0	0	0	0	0
9/9/2023 20:57	44901 SCOT_T2	0	0	0	0	0	0	0.01	0.03	0	0	0	0	0	0
9/9/2023 21:02	16402 MOPO_T1	0	0	0	0	0	0	-0.66	-0.66	1	1	0	1200	1200	0
9/9/2023 21:04	55101 WERT_T1	0	0	0	0	0	0	-1	-0.96	1	1	0	900	900	0
9/9/2023 21:06	53501 EVIL_T2	0	0	0	0	0	0	-0.44	-0.4	0	0	0	0	0	0
9/9/2023 21:11	56504 ROCK_T2	0	0	0	0	0	0	-0.19	-0.23	0	0	0	0	0	0
9/9/2023 21:11	60801 BUCK_T1	53	61	8	0.59	0.72	0.13	0	0	0	0	0	0	0	0
9/9/2023 21:11	66505 SMAN_T2	0	0	0	0	0	0	-0.26	-0.17	3	3	0	2100	2100	0
9/9/2023 21:12	67502 WEWI_T2	0	0	0	0	0	0	-1.15	-1.11	1	1	0	900	900	0
9/9/2023 21:12	61303 EARL_T1	0	0	0	0	0	0	0.09	0.07	0	0	0	0	0	0
9/9/2023 21:13	64101 REFR_T1	3	3	0	8.7	8.23	-0.47	0.35	0.33	0	0	0	0	0	0
9/9/2023 21:16	45901 AUBU_T1	0	0	0	0	0	0	0.95	0.94	0	0	0	0	0	0
9/9/2023 21:17	60501 NMAN_T2	3	3	0	4.23	4.5	0.27	0	0	0	0	0	0	0	0
9/9/2023 21:19	64301 LINC_T1	0	0	0	0	0	0	-1.08	-1.07	1	1	0	600	600	0
9/9/2023 21:20	66703 STRA_T1	0	0	0	0	0	0	0.21	0.21	0	0	0	0	0	0
9/9/2023 21:21	12701 MACU_T1	1	1	0	5.1	3.3	-1.8	-0.96	-0.98	1	1	0	1200	1200	0
9/10/2023 0:28	61303 EARL_T1	0	0	0	0	0	0	0.08	0.08	0	0	0	0	0	0
9/10/2023 0:28	47901 HRDG_T1	0	0	0	0	0	0	2.67	2.68	0	0	0	0	0	0
9/10/2023 0:28	63403 HONY_T2	0	0	0	0	0	0	0.4	0.37	0	0	0	0	0	0
9/10/2023 0:28	46001 BERW_T1	0	0	0	0	0	0	0.75	0.73	0	0	0	0	0	0
9/10/2023 0:28	45003 LIME_2	2	2	0	2.1	1.95	-0.15	0	0	0	0	0	0	0	0
9/10/2023 0:28	60801 BUCK_T1	141	173	32	0.57	0.69	0.12	0	0	0	0	0	0	0	0
9/10/2023 0:28	42901 MIDD_T2	234	178	-56	0.34	0.33	-0.01	0	0	0	0	0	0	0	0
9/10/2023 0:28	44801 EDAN_T2	1	1	0	1.8	1.4	-0.4	0	0	0	0	0	0	0	0
9/10/2023 0:28	46203 DANV_T2	0	0	0	0	0	0	-2.33	-2.32	0	0	0	0	0	0
9/10/2023 0:28	49803 UNIV_T1	0	0	0	0	0	0	-1.18	-1.17	0	0	0	0	0	0
9/10/2023 0:28	65902 SAKR_T2	0	0	0	0	0	0	-0.02	-0.02	1	1	0	300	300	0
9/10/2023 0:28	56503 ROCK_T2	1	5	4	0.4	0.18	-0.22	0	0	0	0	0	0	0	0
9/10/2023 0:28	54001 SDLE_T1	1	1	0	0.2	0.2	0	0	0	0	0	0	0	0	0
9/10/2023 0:28	60501 NMAN_T2	3	120	117	4.47	4.83	0.36	0	0	0	0	0	0	0	0
9/10/2023 0:28	57304 MOAL_T2	0	0	0	0	0	0	-0.62	-0.91	0	0	0	0	0	0
9/10/2023 0:28	63404 HONY_T1	127	153	26	0.49	0.51	0.02	0	0	0	0	0	0	0	0
9/10/2023 0:28	52403 GRPA_T2	0	0	0	0	0	0	0.08	0.09	0	0	0	0	0	0
9/10/2023 0:28	23401 HONE_T2	1	1	0	0.8	0.8	0	0.12	0.09	0	0	0	0	0	0
9/10/2023 0:28	66505 SMAN_T2	0	0	0	0	0	0	0.42	0.44	1	1	0	900	900	0
9/10/2023 0:28	15001 BLMO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9/10/2023 0:28	52402 GRPA_T2	1	2	1	2.8	1.7	-1.1	0	0	0	0	0	0	0	0
9/10/2023 0:28	63305 GREE_T1	0	0	0	0	0	0	-0.89	-0.86	1	1	0	900	900	0
9/10/2023 0:28	60604 NCOL_T2	0	0	0	0	0	0	0.34	0.32	0	0	0	0	0	0
9/10/2023 0:28	66703 STRA_T1	2	5	3	0.2	0.2	0	-0.26	-0.35	0	0	0	0	0	0
9/10/2023 0:28	16402 MOPO_T1	0	0	0	0	0	0	0.55	0.54	0	0	0	0	0	0
9/10/2023 0:28	44203 POIN_T2	0	0	0	0	0	0	-0.85	-0.94	2	2	0	1800	1800	0
9/10/2023 0:28	58402 MORO_T1	0	0	0	0	0	0	-3.46	-3.43	6	6	0	4500	4500	0
9/10/2023 0:28	47002 HUGH_T2	0	3	3	0	0.13	0.13	0	0	0	0	0	0	0	0
9/10/2023 0:28	17803 GILB_T2	1	4	3	0.2	0.23	0.03	0	0	0	0	0	0	0	0
9/10/2023 0:28	54701 NEBL_T1	0	0	0	0	0	0	0	0	1	1	0	600	600	0
9/10/2023 0:28	24101 EHAZ_T1	0	0	0	0	0	0	0.41	0.44	1	1	0	600	600	0
9/10/2023 0:28	56803 BENV_T1	0	0	0	0	0	0	-0.04	-0.08	0	0	0	0	0	0
9/10/2023 0:28	42701 AUGU_T1	0	0	0	0	0	0	0	0	4	4	0	3600	3600	0
9/10/2023 0:28	45602 WOOL_T1	0	0	0	0	0	0	0.56	0.55	0	0	0	0	0	0
9/10/2023 0:28	67602 WARW_T2	0	0	0	0	0	0	0.72	0.67	0	0	0	0	0	0
9/10/2023 0:28	59402 RFLD_T2	3	14	11	0.1	0.22	0.12	-1.19	-1.22	1	1	0	450	450	0
9/10/2023 0:28	56802 BENV_T2	0	1	1	0	0.2	0.2	-1.66	-1.71	0	0	0	0	0	0
9/10/2023 0:28	44601 SALE_T2	0	0	0	0	0	0	-0.01	-0.05	0	0	0	0	0	0
9/10/2023 0:28	45302 WBER_T2	0	0	0	0	0	0	0.63	0.65	0	0	0	0	0	0
9/10/2023 0:28	67502 WEWI_T2	0	0	0	0	0	0	-2.56	-2.56	2	2	0	1800	1800	0
9/10/2023 0:28	10801 CHHI_T1	0	0	0	0	0	0	-1.33	-1.33	2	2	0	1500	1500	0
9/10/2023 0:28	12701 MACU_T1	1	2	1	4.7	0	-4.7	-2.2	0.27	2	0	-2	2400	0	-2400
9/10/2023 0:28	43202 MVIL_T2	0	0	0	0	0	0	-0.58	-0.6	0	0	0	0	0	0
9/10/2023 0:28	56503 ROCK_T2	1	5	4	0.4	0.18	-0.22	0	0	0	0	0	0	0	0
9/10/2023 0:28	14403 SSLA_T1	0	0	0	0	0	0	0.76	0.75	0	0	0	0	0	0
9/10/2023 0:28	10805 CHHI_T2	1	1	0	8	7.9	-0.1	-1.01	-1.06	1	1	0	600	600	0
9/10/2023 0:28	26603 BROO_T1	0	0	0	0	0	0	0.49	0.63	0	0	0	0	0	0
9/10/2023 0:28	48302 ORWI_T2	2	2	0	0.95	0.65	-0.3	-0.37	-0.41	0	0	0	0	0	0
9/10/2023 0:28	44502 HAMI_T2	1	3	0	3	2.8	-0.2	-0.15	-0.18	0	0	0	0	0	0
9/10/2023 0:28	11104 EGYP_T1	0	0	0	0	0	0	0.64	0.63	0	0	0	0	0	0
9/10/2023 0:28	45902 AUBU_T1	16	0	-16	0.19	0	-0.19	-0.68	-0.67	0	0	0	0	0	0
9/10/2023 0:28	16302 ALPA_T2	0	0	0	0	0	0	1.45	1.43	0	0	0	0	0	0
9/10/2023 0:28	45802 HEGI_T2	0	0	0	0	0	0	0.46	0.51	0	0	0	0	0	0
9/10/2023 0:28	13503 MCMI_T2	0	0	0	0	0	0	0	-0.01	0	0	0	0	0	0
9/10/2023 0:28	59101 WALK_T2	1	1	0	0	0	0	4.81	3.65	4	0	-4	1800	0	-1800
9/10/2023 0:28	53501 EVIL_T2	0	1	1	0	0.6	0.6	-1.29	-1.33	0	0	0	0	0	0
9/10/2023 0:28	64101 REFR_T1	3	3	0	8.97	9.5	0.53	0.97	0.89	0	0	0	0	0	0
9/10/2023 0:28	47101 MARL_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9/10/2023 0:28	47401 PENS_T1	0	0	0	0	0	0	2.44	2.38	0	0	0	0	0	0
9/10/2023 0:28	62105 ELAN_T1	1	1	0	0.2	0.2	0	0.75	0.71	0	0	0	0	0	0
9/10/2023 0:28	65901 SAKR_T2	0	0	0	0	0	0	-0.19	-0.21	1	1	0	900	900	0
9/10/2023 0:28	43001 ALWD_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9/10/2023 0:28	64303 LINC_T1	0	0	0	0	0	0	-0.15	-0.14	0	0	0	0	0	0
9/10/2023 0:28	43304 WATS_T2	0	0	0	0	0	0	-0.63	-0.61	0	0	0	0	0	0
9/10/2023 0:28	55101 WERT_T1	0	0	0	0	0	0	-4.56	-4.8	4	4	0	3600	3600	0
9/10/2023 1:01	61202 REIN_T1	61	61	0	1.18	1.43	0.25	0	0	0	0	0	0	0	0
9/10/2023 1:06	63305 GREE_T1	0	0	0	0	0	0	-0.83	-0.9	1	1	0	900	900	0
9/10/2023 1:21	61202 REIN_T1	61	61	0	1.33	1.51	0.18	0	0	0	0	0	0	0	0
9/10/2023 1:28	29402 BELT_T1	17	56	39	0.14	0.31	0.17	0	0	0	0	0	0	0	0
9/10/2023 1:30	29402 BELT_T1	38	57	19	0.26	0.3	0.04	0	0	0	0	0	0	0	0
9/10/2023 5:10	45902 AUBU_T1	12	4	-8	0.13	0.1	-0.03	-0.66	-0.54	0	0	0	0	0	0
9/10/2023 6:02	63304 GREE_T1	1	1	0	6.6	6.8	0.2	0	0	0	0	0	0	0	0
9/10/2023 7:31	63304 GREE_T1	1	1	0	7.2	7	-0.2	0	0	0	0	0	0	0	0
9/10/2023 7:53	63304 GREE_T1	1	1	0	7.1	7	-0.1	0	0	0	0	0	0	0	0
9/10/2023 8:01	25402 LAHA_T2	106	77	-29	0.27	0.22	-0.05	-0.81	-0.81	0	0	0	0	0	0
9/10/2023 8:03	63304 GREE_T1	1	1	0	7	7	0	0	0	0	0	0	0	0	0
9/10/2023 8:19	63305 GREE_T1	0	0	0	0	0	0	-0.56	-0.65	1	1	0	900	900	0
9/10/2023 8:24	59101 WALK_T2	1	1	0	0	0	0	1.21	1.24	1	1	0	450	450	0
9/10/2023 8:43	46506 LOHA_T1	0	1	1	0	0.4	0.4	-0.45	-0.43	0	0	0	0	0	0
9/10/2023 8:45	63305 GREE_T1	0	0	0	0	0	0	-0.65	-0.65	1	1	0	900	900	0
9/10/2023 8:45	40101 HUNT_T2	0	1	1	0	0	0	-0.7	-0.68	0	0	0	0	0	0
9/10/2023 9:07	45901 AUBU_T1	0	0	0	0	0	0	0.82	0.81	0	0	0	0	0	0
9/10/2023 9:10	45901 AUBU_T1	0	0	0	0	0	0	0.82	0.81	0	0	0	0	0	0
9/10/2023 9:12	26603 BROO_T1	0	0	0	0	0	0	0.17	0.17	0	0	0	0	0	0
9/10/2023 9:14	26603 BROO_T1	0	0	0	0	0	0	0.17	0.17	0	0	0	0	0	0
9/10/2023 9:18	48302 ORWI_T2	2	2	0	0.85	0.65	-0.2	-0.15	-0.14	0	0	0	0	0	0
9/10/2023 9:24	49803 UNIV_T1	0	0	0	0	0	0	-0.86	-0.83	0	0	0	0	0	0
9/10/2023 9:31	13503 MCMI_T2	0	0	0	0	0	0	-0.01	-0.01	0	0	0	0	0	0
9/10/2023 9:32	43202 MVIL_T2	0	0	0	0	0	0	-0.57	-0.53	0	0	0	0	0	0
9/10/2023 9:35	42201 SHEN_T2	4	4	0	0.58	0.55	-0.03	-0.17	-0.13	1	1	0	600	600	0
9/10/2023 9:36	29402 BELT_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9/10/2023 9:38	61202 REIN_T1	42	22	-20	0.27	0.24	-0.03	0	0	0	0	0	0	0	0
9/10/2023 9:38	29402 BELT_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9/10/2023 9:38	45902 AUBU_T1	0	0	0	0	0	0	-0.33	-0.3	0	0	0	0	0	0
9/10/2023 9:45	45003 LIME_2	2	1	-1	1.5	3	1.5	0	0	1	1	0	1200	1200	0
9/10/2023 9:48	64101 REFR_T1	3	3	0	7.1	6.6	-0.5	0.37	0.37	0	0	0	0	0	0
9/10/2023 9:51	41902 REED_T1	0	1	1	0	0	0	0	0	0	0	0	0	0	0
9/10/2023 9:53	29402 BELT_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9/10/2023 9:56	23401 HONE_T2	0	0	0	0	0	0	0.22	0.21	0	0	0	0	0	0
9/10/2023 10:00	61202 REIN_T1	22	38	16	0.23	0.27	0.04	0	0	0	0	0	0	0	0
9/10/2023 10:00	54001 SDLE_T1	1	4	3	0.3	0.68	0.38	0	0	3	3	0	1800	1800	0
9/10/2023 10:00	64101 REFR_T1	3	3	0	6.6	6.33	-0.27	0.37	0.43

9/10/2023 10:32	45003 LIME_2	1	1	0	3.1	2.8	-0.3	0	0	1	1	0	1200	1200	0
9/10/2023 10:33	12701 MACU_T1	1	1	0	2.9	0	-2.9	0.2	0.22	0	0	0	0	0	0
9/10/2023 10:35	67503 WEWI_T2	0	0	0	0	0	0	0.09	0.12	0	0	0	0	0	0
9/10/2023 10:36	59101 WALK_T2	1	1	0	0	0	0	2.82	2.46	2	2	0	900	900	0
9/10/2023 10:37	43304 WATS_T2	0	0	0	0	0	0	-0.47	-0.44	0	0	0	0	0	0
9/10/2023 10:39	29402 BELT_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9/10/2023 10:40	62604 ENGL_T1	0	0	0	0	0	0	-1.11	-1.07	1	1	0	600	600	0
9/10/2023 10:40	28604 BLYT_T2	0	0	0	0	0	0	-1.17	-1.17	0	0	0	0	0	0
9/10/2023 10:42	62604 ENGL_T1	0	0	0	0	0	0	-2.23	-2.14	2	2	0	1200	1200	0
9/10/2023 10:43	62604 ENGL_T1	0	0	0	0	0	0	-1.11	-1.07	1	1	0	600	600	0
9/10/2023 10:44	62604 ENGL_T1	0	0	0	0	0	0	-1.11	-1.07	1	1	0	600	600	0
9/10/2023 10:47	42903 MIDD_T2	2	2	0	1.8	1.7	-0.1	0	0	0	0	0	0	0	0
9/10/2023 10:49	65001 NEFF_T2	0	0	0	0	0	0	-0.79	-0.8	1	1	0	1200	1200	0
9/10/2023 10:50	58402 MORO_T1	0	0	0	0	0	0	-1.04	-1.01	2	2	0	1500	1500	0
9/10/2023 10:52	66703 STRA_T1	0	0	0	0	0	0	-0.2	0.18	0	0	0	0	0	0
9/10/2023 10:53	29401 BELT_T1	0	0	0	0	0	0	0	0	1	1	0	900	900	0
9/10/2023 10:53	60803 BUCK_T1	0	0	0	0	0	0	-0.58	-0.53	1	1	0	600	600	0
9/10/2023 10:54	29401 BELT_T1	0	0	0	0	0	0	0	0	1	1	0	900	900	0
9/10/2023 10:55	60801 BUCK_T1	63	73	10	0.6	0.55	-0.05	0	0	0	0	0	0	0	0
9/10/2023 10:56	17804 GILB_T2	0	0	0	0	0	0	-0.43	-0.44	0	0	0	0	0	0
9/10/2023 10:56	28403 HART_T2	0	0	0	0	0	0	-0.45	-0.45	1	1	0	900	900	0
9/10/2023 10:58	45802 HEGI_T2	0	0	0	0	0	0	0.64	0.76	0	0	0	0	0	0
9/10/2023 11:00	63402 HONY_T2	0	1	1	0	0.2	0.2	0	0	0	0	0	0	0	0
9/10/2023 11:03	54701 NEBL_T1	0	0	0	0	0	0	0	0	1	1	0	600	600	0
9/10/2023 11:03	64101 REFR_T1	3	3	0	6.3	6.4	0.1	0.25	0.3	0	0	0	0	0	0
9/10/2023 11:04	64101 REFR_T1	3	3	0	6.3	6.4	0.1	0.3	0.26	0	0	0	0	0	0
9/10/2023 11:04	29401 BELT_T1	0	0	0	0	0	0	0	0	1	1	0	900	900	0
9/10/2023 11:05	44601 SALE_T2	0	0	0	0	0	0	0.05	0.02	0	0	0	0	0	0
9/10/2023 11:06	56501 ROCK_T2	0	0	0	0	0	0	-1.23	-1.25	0	0	0	0	0	0
9/10/2023 11:08	26603 BROO_T1	0	0	0	0	0	0	0.22	0.23	0	0	0	0	0	0
9/10/2023 11:09	41602 CLEV_T1	0	0	0	0	0	0	0	0	1	1	0	600	600	0
9/10/2023 11:09	49803 UNIV_T1	0	0	0	0	0	0	-0.75	-0.71	0	0	0	0	0	0
9/10/2023 11:10	45902 AUBU_T1	0	0	0	0	0	0	-0.83	-0.83	1	1	0	600	600	0
9/10/2023 11:12	26603 BROO_T1	0	0	0	0	0	0	0.22	0.23	0	0	0	0	0	0
9/10/2023 11:12	41602 CLEV_T1	0	0	0	0	0	0	0	0	1	1	0	600	600	0
9/10/2023 11:15	58402 MORO_T1	0	0	0	0	0	0	-1.01	-0.99	2	2	0	1500	1500	0
9/10/2023 11:17	59402 RFLD_T2	2	0	-2	7.45	0	-7.45	-1.17	-1.12	1	1	0	450	450	0
9/10/2023 11:17	44201 POIN_T1	0	0	0	0	0	0	-1.74	-1.75	1	1	0	900	900	0
9/10/2023 11:18	44201 POIN_T1	0	0	0	0	0	0	-1.74	-1.75	1	1	0	900	900	0
9/10/2023 11:19	44201 POIN_T1	0	0	0	0	0	0	-1.75	-1.74	1	1	0	900	900	0
9/10/2023 11:21	44201 POIN_T1	0	0	0	0	0	0	-1.75	-1.74	1	1	0	900	900	0
9/10/2023 11:21	16302 ALPA_T2	0	0	0	0	0	0	-0.55	-0.51	0	0	0	0	0	0
9/10/2023 11:22	61202 REIN_T1	39	39	0	0.32	0	0	0	0	0	0	0	0	0	0
9/10/2023 11:22	15001 BLMO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9/10/2023 11:23	56802 BENV_T2	0	0	0	0	0	0	-1.52	-1.44	0	0	0	0	0	0
9/10/2023 11:23	20403 ASHF_T2	0	0	0	0	0	0	0.39	0.41	0	0	0	0	0	0
9/10/2023 11:23	45602 WOOL_T1	0	0	0	0	0	0	0.74	0.73	0	0	0	0	0	0
9/10/2023 11:23	15001 BLMO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9/10/2023 11:24	15603 NSTR_T2	0	0	0	0	0	0	-0.56	-0.58	0	0	0	0	0	0
9/10/2023 11:24	56802 BENV_T2	0	0	0	0	0	0	-0.76	-0.72	0	0	0	0	0	0
9/10/2023 11:24	16302 ALPA_T2	0	0	0	0	0	0	-0.55	-0.51	0	0	0	0	0	0
9/10/2023 11:25	61303 EARL_T1	0	0	0	0	0	0	0.21	0.2	0	0	0	0	0	0
9/10/2023 11:25	10805 CHHI_T2	1	9	8	8.5	1.48	-7.02	1.75	1.74	2	2	0	1200	1200	0
9/10/2023 11:26	56802 BENV_T2	0	0	0	0	0	0	-0.76	-0.72	0	0	0	0	0	0
9/10/2023 11:28	61303 EARL_T1	0	0	0	0	0	0	0.21	0.2	0	0	0	0	0	0
9/10/2023 11:31	12701 MACU_T1	2	3	1	1.45	0.35	-1.1	0.21	0.23	0	0	0	0	0	0
9/10/2023 11:31	65001 NEFF_T2	0	0	0	1	0	0	-0.72	-0.7	1	1	0	1200	1200	0
9/10/2023 11:32	12701 MACU_T1	2	3	1	1.45	0.35	-1.1	0.21	0.23	0	0	0	0	0	0
9/10/2023 11:32	43202 MVIL_T2	0	0	0	0	0	0	-0.52	-0.51	0	0	0	0	0	0
9/10/2023 11:34	52402 GRPA_T2	2	0	-1	0.9	2	1.1	0	0	0	0	0	0	0	0
9/10/2023 11:35	44901 SCOT_T2	0	0	0	0	0	0	0.31	0.29	0	0	0	0	0	0
9/10/2023 11:35	54701 NEBL_T1	0	0	0	0	0	0	0	0	1	1	0	600	600	0
9/10/2023 11:35	12701 MACU_T1	2	3	1	1.45	0.35	-1.1	0.23	0.23	0	0	0	0	0	0
9/10/2023 11:37	16302 ALPA_T2	0	0	0	0	0	0	-0.51	-0.49	0	0	0	0	0	0
9/10/2023 11:38	20402 ASHF_T2	0	6	6	0	0	0	0	0	0	0	0	0	0	0
9/10/2023 11:38	44901 SCOT_T2	0	0	0	0	0	0	0.31	0.29	0	0	0	0	0	0
9/10/2023 11:39	45602 WOOL_T1	0	0	0	0	0	0	0.73	0.73	0	0	0	0	0	0
9/10/2023 11:39	60803 BUCK_T1	0	1	1	0	0.1	0.1	-0.53	-1.1	1	1	0	600	600	0
9/10/2023 11:40	16302 ALPA_T2	0	0	0	0	0	0	-0.51	-0.49	0	0	0	0	0	0
9/10/2023 11:41	10805 CHHI_T2	9	8	-1	1.57	1.55	-0.02	0.87	0.83	1	1	0	600	600	0
9/10/2023 11:42	60801 BUCK_T1	50	43	-7	0.5	0.48	-0.02	0	0	0	0	0	0	0	0
9/10/2023 11:42	63403 HONY_T2	0	0	0	0	0	0	-0.41	-0.35	1	1	0	600	600	0
9/10/2023 11:43	67204 TEHI_T2	0	0	0	0	0	0	-0.06	-0.05	0	0	0	0	0	0
9/10/2023 11:43	44502 HAMI_T2	1	1	0	1.8	1.7	-0.1	0.02	0.13	0	0	0	0	0	0
9/10/2023 11:45	54701 NEBL_T1	0	0	0	0	0	0	0	0	1	1	0	600	600	0
9/10/2023 11:45	52402 GRPA_T2	1	2	1	2	1.8	-0.2	0	0	0	0	0	0	0	0
9/10/2023 11:47	65001 NEFF_T2	0	0	0	0	0	0	-0.7	-0.7	1	1	0	1200	1200	0
9/10/2023 11:47	59402 RFLD_T2	0	0	0	0	0	0	-1.15	-1.1	1	1	0	450	450	0
9/10/2023 11:47	67204 TEHI_T2	0	0	0	0	0	0	-0.06	-0.05	0	0	0	0	0	0
9/10/2023 11:47	24901 WHHA_T1	0	0	0	0	0	0	0.66	0.59	0	0	0	0	0	0
9/10/2023 11:48	64101 REFR_T1	3	3	0	6.53	6.7	0.17	0.31	0.29	0	0	0	0	0	0
9/10/2023 11:48	43202 MVIL_T2	0	0	0	0	0	0	-0.51	-0.5	0	0	0	0	0	0
9/10/2023 11:49	65902 SAKR_T2	0	0	0	0	0	0	-0.07	-0.09	1	1	0	300	300	0
9/10/2023 11:51	24901 WHHA_T1	0	0	0	0	0	0	0.59	0.65	0	0	0	0	0	0
9/10/2023 11:52	64101 REFR_T1	3	3	0	6.53	6.7	0.17	0.29	0.34	0	0	0	0	0	0
9/10/2023 11:53	60801 BUCK_T1	26	47	21	0.3	0.47	0.17	0	0	0	0	0	0	0	0
9/10/2023 11:54	26603 BROO_T1	0	0	0	0	0	0	0.22	0.23	0	0	0	0	0	0
9/10/2023 11:54	41602 CLEV_T1	4	4	0	0	0.2	0.2	0	0	1	1	0	600	600	0
9/10/2023 11:54	44901 SCOT_T2	0	0	0	0	0	0	0.29	0.33	0	0	0	0	0	0
9/10/2023 11:55	26603 BROO_T1	0	0	0	0	0	0	0.22	0.23	0	0	0	0	0	0
9/10/2023 11:56	41602 CLEV_T1	4	4	0	0	0.2	0.2	0	0	1	1	0	600	600	0
9/10/2023 11:57	10805 CHHI_T2	6	10	4	1.55	4.4	2.85	-0.83	-0.84	1	1	0	600	600	0
9/10/2023 11:58	63402 HONY_T2	1	1	0	0.5	0.6	0.1	0	0	0	0	0	0	0	0
9/10/2023 11:58	60803 BUCK_T1	1	1	0	0.3	0	-0.3	-1.1	-1.11	1	1	0	600	600	0
9/10/2023 12:01	54701 NEBL_T1	0	0	0	0	0	0	0	0	1	1	0	600	600	0
9/10/2023 12:03	56501 ROCK_T2	0	0	0	0	0	0	-1.21	-1.18	0	0	0	0	0	0
9/10/2023 12:03	43202 MVIL_T2	0	0	0	0	0	0	-0.5	-0.52	0	0	0	0	0	0
9/10/2023 12:04	44901 SCOT_T2	0	0	0	0	0	0	0.33	0.04	0	0	0	0	0	0
9/10/2023 12:09	26603 BROO_T1	0	0	0	0	0	0	0.23	0.24	0	0	0	0	0	0
9/10/2023 12:11	11104 EGYP_T1	5	6	1	0.94	1.02	0.08	0.94	0.95	0	0	0	0	0	0
9/10/2023 12:13	10805 CHHI_T2	8	4	-4	1.85	8.5	6.65	-0.84	-0.76	1	1	0	600	600	0
9/10/2023 12:13	63402 HONY_T2	1	1	0	0.6	0.6	0	0	0	0	0	0	0	0	0
9/10/2023 12:16	52403 GRPA_T2	0	9	9	0	0	0	-0.43	-0.41	0	0	0	0	0	0
9/10/2023 12:16	26603 BROO_T1	0	0	0	0	0	0	0.23	0.24	0	0	0	0	0	0
9/10/2023 12:30	44502 HAMI_T2	1	1	0	1.6	1.5	-0.1	0.08	0.15	0	0	0	0	0	0
9/10/2023 12:34	64101 REFR_T1	3	3	0	5.93	6.13	0.2	0.34	0.36	0	0	0	0	0	0
9/10/2023 12:36	64101 REFR_T1	3	3	0	5.93	6.13	0.2	0.69	0.73	0	0	0	0	0	0
9/10/2023 12:37	20403 ASHF_T2	0	3	3	0	0	0	0.52	0.58	0	0	0	0	0	0
9/10/2023 12:37	59402 RFLD_T2	0	0	0	0	0	0	-1.11	-1.12	1	1	0	450	450	0
9/10/2023 12:41	64101 REFR_T1	3	3	0	5.93	6.13	0.2	0.34	0.36	0	0	0	0	0	0
9/10/2023 12:51	56501 ROCK_T2	0	1	1	0	0	0	-1.12	-1.14	0	0	0	0	0	0
9/10/2023 13:01	63203 MGTN_T1	0	0	0	0	0	0	-0.08	-0.06	1	1	0	600	600	0
9/10/2023 13:04	54701 NEBL_T1	0	0	0	0	0	0	0	0	1	1	0	600	600	0
9/10/2023 13:04	57304 MOAL_T2	2	0	-2	0.4	0	-0.4	-0.62	-0.59	0	0	0	0	0	0
9/10/2023 13:04	52402 GRPA_T2	1	1	0	1.5	2.8	1.3	0	0	0	0	0	0	0	0
9/10/2023 13:07	26603 BROO_T1	3	0	-3	0.53	0	-0.53	0.29	0.3	0	0	0	0	0	0
9/10/2023 13:09	26603 BROO_T1	3	0	-3	0.53	0	-0.53	0.29	0.3	0	0	0	0	0	0
9/10/2023 13:20	57303 MOAL_T2	1	1	0	8.8	9	0.2	0	0	0	0	0	0	0	0
9/10/2023 13:24	20401 ASHF_T2	0	1	1	0	0	0	0	0	0	0	0	0	0	0
9/10/2023 13:32	54701 NEBL_T1	0	0	0	0	0	0	0	0	1	1	0	600	600	0
9/10/2023 13:44	28403 HART_T2	0	0	0	0	0	0	-0.65	-0.63	2	2	0	1800	1800	0
9/10/2023 13:49	56802 BENV_T2	2	2	0	0.45	0	-0.45	-0.63	-0.68	0	0	0	0	0	0
9/10/2023 13:55	45602 WOOL_T1	0	0	0	0	0	0	0.79	0.83	0	0	0	0	0	0
9/10/2023 13:56	11104 EGYP_T1	5	6	1	0.38	0.3	-0.08	0.63	0.68	0	0	0	0	0	0
9/10/2023 13:59	64301 LINC_T1	0	0	0	0	0	0	-0.82	-0.89	1	1	0	600	600	0
9/10/2023 14:05	64101 REFR_T1	3	4	1	6.07	4.98	-1.09	0.44	0.45	0	0	0	0	0	0
9/10/2023 14:05	67503 WEWI_T2	0	0	0	0	0	0	0.28	0.3	0	0	0	0	0	0
9/10/2023 14:06	44905 SCOT_T1	3	8	5	0.53	0.25	-0.28	0	0	0	0	0	0	0	0
9/10/2023 14:07	29401 BELT_T1	0	0	0	0	0	0	0	0	0	1	1	0	900	900
9/10/2023 14:08	67502 WEWI_T2	0	0	0	0	0	0	-0.94	-0.84	1	1	0	900	900	0
9/10/2023 14:09	29402 BELT_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9/10/2023 14:09	67502 WEWI_T2	0	0	0	0	0	0	-0.94	-0.84	1	1	0	900	900	0
9/10/2023 14:09	29402 BELT_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9/10/2023 14:10	67502 WEWI_T2	0	0	0	0	0	0	-0.94	-0.84	1	1	0	900	900	0
9/10/2023 14:10	29402 BELT_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9/10/2023 14:11	29402 BELT_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9/10/2023 14:11	20402 ASHF_T2	2	7	5	0.1	1.84	1.74	0	0	0	0	0	0	0	0
9/10/2023 14:12	45802 HEGI_T2	0	0	0	0	0	0	0.39	0.27	0	0	0	0	0	0
9/10/2023 14:12	45003 LIME_2	1	1	0	1.6	2.3	0.7	0	0	1	1	0	1200	1200	0
9/10/2023 14:15	44502 HAMI_T2	1	1	0	1.3	1.1	-0.2	0.26	0.36	0	0	0	0	0	0
9/10/2023 14:15	28403 HART_T2	0	0	0	0	0	0	-0.3	-0.28	1	1	0	900	900	0
9/10/2023 14:15	17804 GILB_T2	0	0	0	0	0	0	-0.4	-0.4	0	0	0	0	0	0
9/10/2023 14:16	17805 GILB_T2	0	0	0	0	0	0	0.28	0.28	0	0	0	0	0	0
9/10/2023 14:18	52402 GRPA_T2	1	1	0	3.1	2.8	-0.3	0	0	0	0	0	0	0	0
9/10/2023 14:18	48302 ORWI_T2	2	2	0	0.45	0.65	0.2	-0.53	-0.54	0	0	0	0	0	0
9/10/2023 14:19	58402 MORO_T1	0	0	0	0	0	0	-1.93	-1.92	3	3	0	2400	2400	0
9/10/2023 14:19	48302 ORWI_T2	2	2	0	0.45	0.65	0.2	-0.54	-0.53	0	0	0	0	0	0
9/10/2023 14:19	65902 SAKR_T2	0	0	0	0	0	0	-0.07	-0.06	1	1	0	300	300	0
9/10/2023 14:20	56802 BENV_T2	0	5	5	0	0.1	0.1	-0.69	-0.67	0	0	0	0	0	0
9/10/2023 14:20	43304 WATS_T2	0	2	2	0	0.3	0.3	-0.69	-0.65	0	0	0	0	0	0
9/10/2023 14:21	64101 REFR_T1	4	4	0	5	4.9	-0.1	0.45	0.51	0	0	0	0	0	0
9/10/2023 14:21	45602 WOOL_T1	0	0	0	0	0	0	0.85	0.83	0	0	0	0	0	0
9/10/2023 14:21	56802 BENV_T2	0	5	5	0	0.1	0.1	-0.69	-0.67	0	0	0	0	0	0
9/10/2023 14:21	56504 ROCK_T2	4	0	-4	0.83	0	-0.83	0.07	0.07	0	0	0	0	0	0
9/10/2023 14:22	43304 WATS_T2	0	2	2	0	0.3	0.3	-0.69	-0.65	0	0	0	0	0	0
9/10/2023 14:22	56504 ROCK_T2	4	0	-4	0.83	0	-0.83	0.07	0.07	0	0	0	0	0	0
9/10/2023 14:23	60803 BUCK_T1	0	0	0	0	0	0	-0.91	-0.84	1	1	0	600	600	0
9/10/2023 14:23	56504 ROCK_T2	4	0	-4	0.83	0	-0.83	0.15	0.13	0	0	0	0	0	0
9/10/2023 14:24	43304 WATS_T2	0	2	2	0	0.3	0.3	-0.69	-0.65	0	0	0	0	0	0
9/10/2023 14:24	56802 BENV_T2	0	5	5	0	0.1	0.1	-0.69	-0.67	0	0	0	0	0	0
9/10/2023 14:24	56504 ROCK_T2	4	0	-4	0.83	0	-0.83	0	0	0	0	0	0	0	0
9/10/2023 14:25	28604 BLYT_T2	0	0	0	0	0	0	-1	-0.99	0	0	0	0	0	0
9/10/2023 14:25	60801 BUCK_T1	17	15	-2	0.22	0.17	-0.05	0	0	0	0	0	0	0	0
9/10/2023 14:26	17805 GILB_T2	0	0	0	0	0	0	0.28	0.29	0	0	0	0	0	0
9/10/2023 14:26	41602 CLEV_T1	1	2	1	1.7	0.4	-1.3	0	0	1	1	0	600	600	0
9/10/2023 14:26	28403 HART_T2	0	0	0	0	0	0	-0.28	-0.31	1	1	0	900	900	0
9/10/2023 14:29	44901 SCOT_T2	0	0	0	0	0	0	0.46	0.25	0	0	0	0	0	0
9/10/2023 14:31	44502 HAMI_T2	1	1	0	1.1	1.1	0	0.36	0.24	0	0	0	0	0	0
9/10/2023 14:32	56803 BENV_T1	1	2	1	0.2	0.8	0.6	-0.28	-0.31	1	1	0	600	600	0
9/10/2023 14:32	56802 BENV_T2	5	1	-4	0.66	0	-0.66	-0.69	-0.67	0	0	0	0	0	0
9/10/2023 14:33	52402 GRPA_T2	1	1	0	2.8	2.8	0	0	0	0	0	0	0	0	0
9/10/2023 14:35	58402 MORO_T1	0	0	0	0	0	0	-1.92	-1.84	3	3	0	2400	2400	0
9/10/2023 14:35	44601 SALE_T2	0	0	0	0	0	0	0.17	0.12	0	0	0	0	0	0
9/10/2023 14:35	65902 SAKR_T2	0	0	0	0	0	0	-0.06	-0.05	1	1	0	300	300	0
9/10/2023 14:36	67503 WEWI_T2	0	0	0	0	0	0	0.44	0.47	0	0	0	0	0	0
9/10/2023 14:36	64101 REFR_T1	4	4	0	4.85	6.9	2.05	0.51	0.46	0	0	0	0	0	0
9/10/2023 14:36	43304 WATS_T2	1	2	1	0.3	0.1	-0.2	-1.3	-1.21	0	0	0	0	0	0
9/10/2023 14:37	65901 SAKR_T2	0	2	2	2	0	-2	-0.09	-0.11	2	2	0	1500	1500	0
9/10/2023 14:38	46204 DANV_T2	3	5	2	0.27	0.15	-0.12	0	0	0	0	0	0	0	0
9/10/2023 14:38	41602 CLE

Appendix C - Grid Benefits Achieved in Each Instance of Active Management

9/10/2023 14:58	17805 GILB_T2	0	0	0	0	0	0	0.34	0.37	0	0	0	0	0	0
9/10/2023 14:59	40902 JESH_T1	0	0	0	0	0	0	-1.13	-1.1	1	1	0	600	600	0
9/10/2023 15:00	49804 UNIV_T1	1	1	0	0.9	1	0.1	0	0	0	0	0	0	0	0
9/10/2023 15:01	47101 MARL_T1	9	0	-9	0.46	0	-0.46	0	0	1	1	0	600	600	0
9/10/2023 15:03	48302 ORWI_T2	2	2	0	0.55	0.5	-0.05	-0.46	-0.5	0	0	0	0	0	0
9/10/2023 15:04	57303 MOAL_T2	1	1	0	8.6	8.6	0	0	0	0	0	0	0	0	0
9/10/2023 15:04	65604 QVIL_T2	0	0	0	0	0	0	0.76	0.74	0	0	0	0	0	0
9/10/2023 15:05	14403 SSLA_T1	0	0	0	0	0	0	2.58	2.52	0	0	0	0	0	0
9/10/2023 15:07	56501 ROCK_T2	0	0	0	0	0	0	-1.05	-1.02	0	0	0	0	0	0
9/10/2023 15:08	56802 BENV_T2	0	0	0	0	0	0	-0.67	-0.69	0	0	0	0	0	0
9/10/2023 15:08	65604 QVIL_T2	0	0	0	0	0	0	0.76	0.74	0	0	0	0	0	0
9/10/2023 15:10	55101 WERT_T1	0	0	0	0	0	0	-1.2	-1.22	2	2	0	1500	1500	0
9/10/2023 15:11	55101 WERT_T1	0	0	0	0	0	0	-1.2	-1.22	2	2	0	1500	1500	0
9/10/2023 15:13	55101 WERT_T1	0	0	0	0	0	0	-1.2	-1.22	2	2	0	1500	1500	0
9/10/2023 15:15	61404 HONY_T1	2	2	0	6.35	6.3	-0.05	0	0	0	0	0	0	0	0
9/10/2023 15:15	55101 WERT_T1	0	0	0	0	0	0	-2.4	-2.44	4	4	0	3000	3000	0
9/10/2023 15:16	43402 BENT_T1	2	0	-2	0.25	0	-0.25	-0.78	-0.77	1	1	0	900	900	0
9/10/2023 15:17	61402 HONY_T2	0	1	1	0	0.2	0.2	0	0	0	0	0	0	0	0
9/10/2023 15:20	50701 SMEC_T1	0	0	0	0	0	0	-1.07	-1.09	1	1	0	900	900	0
9/10/2023 15:22	47101 MARL_T1	0	0	0	0	0	0	0	0	1	1	0	600	600	0
9/10/2023 15:29	43402 BENT_T1	2	0	-2	0.25	0	-0.25	-0.77	-0.76	1	1	0	900	900	0
9/10/2023 15:31	45802 HEGI_T2	0	0	0	0	0	0	0.28	0.21	0	0	0	0	0	0
9/10/2023 15:36	52401 GRPA_T2	16	11	-5	0.71	0.2	-0.51	0	0	0	0	0	0	0	0
9/10/2023 15:36	56802 BENV_T2	0	1	1	0	0	0	-0.68	-0.71	0	0	0	0	0	0
9/10/2023 15:37	56802 BENV_T2	0	1	1	0	0	0	-0.68	-0.71	0	0	0	0	0	0
9/10/2023 15:40	20403 ASHF_T2	1	0	-1	0.2	0	-0.2	0.75	0.78	0	0	0	0	0	0
9/10/2023 15:41	45802 HEGI_T2	0	0	0	0	0	0	0.21	0.34	0	0	0	0	0	0
9/10/2023 15:44	63403 HONY_T2	0	1	1	0	0	0	-0.62	-0.67	1	1	0	600	600	0
9/10/2023 15:48	61202 REIN_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9/10/2023 15:49	54701 NEBL_T1	0	0	0	0	0	0	0	0	1	1	0	600	600	0
9/10/2023 15:50	44203 POIN_T2	4	11	7	0.2	0.35	0.15	0.14	0.15	1	1	0	900	900	0
9/10/2023 15:51	44203 POIN_T2	4	11	7	0.2	0.35	0.15	0.14	0.15	1	1	0	900	900	0
9/10/2023 15:53	61202 REIN_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9/10/2023 15:54	56504 ROCK_T2	0	0	0	0	0	0	0.08	0.28	0	0	0	0	0	0
9/10/2023 15:54	56803 BENV_T1	1	3	2	0.7	0.6	-0.1	-0.26	-0.29	1	1	0	600	600	0
9/10/2023 15:55	56802 BENV_T2	1	0	-1	0.4	0	-0.4	-0.71	-0.92	0	0	0	0	0	0
9/10/2023 15:56	22905 HARW_T1	2	2	0	0	0	0	-0.46	-0.48	0	0	0	0	0	0
9/10/2023 15:56	56802 BENV_T2	1	0	-1	0.4	0	-0.4	-1.42	-1.85	0	0	0	0	0	0
9/10/2023 15:56	56504 ROCK_T2	0	0	0	0	0	0	0.08	0.28	0	0	0	0	0	0
9/10/2023 15:57	56504 ROCK_T2	0	0	0	0	0	0	0.16	0.55	0	0	0	0	0	0
9/10/2023 16:02	57303 MOAL_T2	1	1	0	9	8.9	-0.1	0	0	0	0	0	0	0	0
9/10/2023 16:05	52403 GRPA_T2	1	9	8	0.3	0.4	0.1	-0.25	-0.22	0	0	0	0	0	0
9/10/2023 16:05	54701 NEBL_T1	0	0	0	0	0	0	0	0	1	1	0	600	600	0
9/10/2023 16:08	52401 GRPA_T2	2	17	15	0.2	0.28	0.08	0	0	0	0	0	0	0	0
9/10/2023 16:10	24101 EHAZ_T1	2	8	6	1.15	0	-1.15	0.91	0.9	0	0	0	0	0	0
9/10/2023 16:10	45902 AUBU_T1	21	0	-21	3.99	0	-3.99	-0.76	-0.8	1	1	0	600	600	0
9/10/2023 16:13	45802 HEGI_T2	0	0	0	0	0	0	0.21	0.2	0	0	0	0	0	0
9/10/2023 16:20	52401 GRPA_T2	8	20	12	0.68	0.43	-0.25	0	0	0	0	0	0	0	0
9/10/2023 16:20	54701 NEBL_T1	0	0	0	0	0	0	0	0	1	1	0	600	600	0
9/10/2023 16:21	29401 BELT_T1	0	0	0	0	0	0	0	0	1	0	-1	900	0	-900
9/10/2023 16:24	14403 SSLA_T1	0	1	1	0	0.2	0.2	1.39	1.36	0	0	0	0	0	0
9/10/2023 16:25	14401 SSLA_T1	1	0	-1	0.2	0	-0.2	0	0	0	0	0	0	0	0
9/10/2023 16:26	41202 MVIL_T2	0	0	0	0	0	0	-0.49	-0.49	0	0	0	0	0	0
9/10/2023 16:31	56803 BENV_T1	2	3	1	1.1	0.5	-0.6	-0.29	-0.27	1	1	0	600	600	0
9/10/2023 16:32	54701 NEBL_T1	0	0	0	0	0	0	0	0	1	1	0	600	600	0
9/10/2023 16:41	41202 MVIL_T2	0	0	0	0	0	0	-0.49	-0.48	0	0	0	0	0	0
9/10/2023 16:46	54701 NEBL_T1	0	1	1	0	0	0	0	0	1	1	0	600	600	0
9/10/2023 17:09	53601 DALM_T2	3	3	0	0.5	0.27	-0.23	0.16	0.13	0	0	0	0	0	0
9/10/2023 17:20	54701 NEBL_T1	0	1	1	0	0	0	0	0	1	1	0	600	600	0
9/10/2023 17:23	43402 BENT_T1	0	0	0	0	0	0	-0.78	-0.79	1	1	0	900	900	0
9/10/2023 17:29	43401 BENT_T1	1	5	4	0.1	0	-0.1	0	0	0	0	0	0	0	0
9/10/2023 17:43	43401 BENT_T1	0	5	5	0	0.8	0.8	0	0	0	0	0	0	0	0
9/10/2023 17:57	45901 AUBU_T1	0	0	0	0	0	0	0.86	0.91	0	0	0	0	0	0
9/10/2023 17:58	45003 LIME_2	1	2	1	2.2	2.5	0.3	0	0	1	1	0	1200	1200	0
9/10/2023 18:08	45901 AUBU_T1	0	0	0	0	0	0	0.91	0.88	0	0	0	0	0	0
9/10/2023 18:10	43402 BENT_T1	0	0	0	0	0	0	-0.79	-0.78	1	1	0	900	900	0
9/10/2023 18:29	41401 BENT_T1	5	1	-4	0.56	0.6	0.04	0	0	0	0	0	0	0	0
9/10/2023 18:34	41901 REED_T1	4	7	3	0.35	0.33	-0.02	0	0	0	0	0	0	0	0
9/10/2023 19:06	61202 REIN_T1	17	25	8	0.36	0.32	-0.04	0	0	0	0	0	0	0	0
9/10/2023 19:10	43402 BENT_T1	0	0	0	0	0	0	-0.77	-0.78	1	1	0	900	900	0
9/10/2023 19:29	43402 BENT_T1	0	0	0	0	0	0	-0.78	-0.8	1	1	0	900	900	0
9/10/2023 19:37	29402 BELT_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9/10/2023 19:41	59402 RFLD_T2	0	0	0	0	0	0	-1.12	-1.11	1	1	0	450	450	0
9/10/2023 20:01	29402 BELT_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9/10/2023 20:10	29401 BELT_T1	0	0	0	0	0	0	0	0	1	1	0	900	900	0
9/10/2023 20:10	43402 BENT_T1	0	0	0	0	0	0	-0.81	-0.8	1	1	0	900	900	0
9/10/2023 20:25	46302 ROHR_T1	4	6	2	0.65	1.3	0.65	0.3	0.3	0	0	0	0	0	0
9/10/2023 20:27	43304 WATS_T2	5	0	-5	0.3	0	-0.3	-0.34	-0.37	0	0	0	0	0	0
9/10/2023 20:29	60801 BUCK_T1	56	101	45	0.66	0.74	0.08	0	0	0	0	0	0	0	0
9/10/2023 20:29	20403 ASHF_T2	0	0	0	0	0	0	0.55	0.43	0	0	0	0	0	0
9/10/2023 20:29	43402 BENT_T1	0	0	0	0	0	0	-0.8	-0.82	1	1	0	900	900	0
9/10/2023 20:29	43304 WATS_T2	5	0	-5	0.3	0	-0.3	-0.34	-0.37	0	0	0	0	0	0
9/10/2023 20:31	10805 CHNI_T2	1	1	0	8.7	8.3	-0.4	-0.69	-0.76	1	1	0	600	600	0
9/10/2023 20:42	14403 SSLA_T1	0	1	1	0	0	0	1.07	1.04	0	0	0	0	0	0
9/10/2023 20:43	29401 BELT_T1	0	1	1	0	0.1	0.1	0	0	0	0	0	0	0	0
9/10/2023 20:45	42903 MIDD_T2	3	2	-1	1.3	1.6	0.3	0	0	0	0	0	0	0	0
9/10/2023 20:48	15603 NSTR_T2	0	0	0	0	0	0	-0.49	-0.52	0	0	0	0	0	0
9/10/2023 20:51	55101 WERT_T1	0	0	0	0	0	0	-1.07	-1.12	2	2	0	1500	1500	0
9/10/2023 20:55	29401 BELT_T1	0	11	11	0	0.1	0.1	0	0	1	1	0	900	900	0
9/10/2023 20:58	63402 HONY_T2	1	1	0	0.6	0.8	0.2	0	0	0	0	0	0	0	0
9/10/2023 20:58	29401 BELT_T1	0	11	11	0	0.1	0.1	0	0	1	1	0	900	900	0
9/10/2023 20:58	13503 MCMI_T2	0	0	0	0	0	0	0.03	0.04	0	0	0	0	0	0
9/10/2023 20:59	61303 EARL_T1	0	0	0	0	0	0	-0.02	0.01	0	0	0	0	0	0
9/10/2023 20:59	12701 MACU_T1	0	1	1	0	0.2	0.2	-0.94	-0.96	1	1	0	1200	1200	0
9/10/2023 21:00	44203 POIN_T2	0	0	0	0	0	0	-0.2	-0.15	1	1	0	900	900	0
9/10/2023 21:01	67503 WEWI_T2	0	0	0	0	0	0	0.2	0.19	0	0	0	0	0	0
9/10/2023 21:02	63404 HONY_T1	2	2	0	7.15	7.35	0.2	0	0	0	0	0	0	0	0
9/10/2023 21:02	16302 ALPA_T2	0	0	0	0	0	0	-0.46	-0.45	0	0	0	0	0	0
9/10/2023 21:02	55101 WERT_T1	0	0	0	0	0	0	-2.15	-2.24	4	4	0	3000	3000	0
9/10/2023 21:03	67502 WEWI_T2	0	0	0	0	0	0	-1.02	-1.04	1	1	0	900	900	0
9/10/2023 21:05	43301 WATS_T2	1	1	0	0.5	0.7	0.2	0	0	0	0	0	0	0	0
9/10/2023 21:05	54001 SDLE_T1	1	2	1	1.2	0.7	-0.5	0	0	2	2	0	1200	1200	0
9/10/2023 21:05	63203 MGTN_T1	0	0	0	0	0	0	-0.19	-0.2	1	1	0	600	600	0
9/10/2023 21:06	44203 POIN_T2	0	0	0	0	0	0	-0.15	-0.18	1	1	0	900	900	0
9/10/2023 21:06	44201 POIN_T1	0	0	0	0	0	0	-1.76	-1.78	1	1	0	900	900	0
9/10/2023 21:07	45003 LIME_2	1	2	1	2.8	3.4	0.6	0	0	1	1	0	1200	1200	0
9/10/2023 21:07	49804 UNIV_T1	1	0	-1	0.2	0	-0.2	0	0	0	0	0	0	0	0
9/10/2023 21:07	54001 SDLE_T1	1	2	1	1.2	0.7	-0.5	0	0	1	1	0	600	600	0
9/10/2023 21:07	16302 ALPA_T2	0	0	0	0	0	0	-0.45	-0.5	0	0	0	0	0	0
9/10/2023 21:07	67502 WEWI_T2	0	0	0	0	0	0	-1.04	-1.11	1	1	0	900	900	0
9/10/2023 21:07	50701 SMEC_T1	0	0	0	0	0	0	-0.36	-0.36	0	0	0	0	0	0
9/10/2023 21:08	43301 WATS_T2	1	1	0	0.5	0.7	0.2	0	0	0	0	0	0	0	0
9/10/2023 21:09	48302 ORWI_T2	2	2	0	0.65	0.85	0.2	-0.06	-0.02	0	0	0	0	0	0
9/10/2023 21:09	47101 MARL_T1	0	3	3	0	0	0	0	0	0	0	0	0	0	0
9/10/2023 21:09	12701 MACU_T1	1	1	0	0.2	1.1	0.9	-0.96	-1	1	1	0	1200	1200	0
9/10/2023 21:09	44201 POIN_T1	0	0	0	0	0	0	-1.76	-1.78	1	1	0	900	900	0
9/10/2023 21:09	14403 SSLA_T1	1	0	-1	0.5	0	-0.5	0.99	0.92	0	0	0	0	0	0
9/10/2023 21:10	44502 HAMI_T2	1	1	0	2.5	2.6	0.1	0.12	0.08	0	0	0	0	0	0
9/10/2023 21:10	56802 BENV_T2	0	0	0	0	0	0	-1.13	-1.2	0	0	0	0	0	0
9/10/2023 21:11	28403 HART_T2	0	0	0	0	0	0	-0.53	-0.43	1	1	0	900	900	0
9/10/2023 21:11	41602 CLEV_T1	0	0	0	0	0	0	0	0	1	1	0	600	600	0
9/10/2023 21:12	56803 BENV_T1	0	0	0	0	0	0	-0.46	-0.48	1	1	0	600	600	0
9/10/2023 21:12	55101 WERT_T1	0	0	0	0	0	0	-1.12	-1.13	2	2	0	1500	1500	0
9/10/2023 21:12	44801 EDAN_T2	1	3	2	1.3	1.1	-0.2	0	0	0	0	0	0	0	0
9/10/2023 21:13	46203 DANV_T2	19	0	-19	0.29	0	-0.29	-0.8	0.34	0	0	0	0	0	0
9/10/2023 21:13	62604 ENGL_T1	0	0	0	0	0	0	-1.11	-1.12	1	1	0	600	600	0
9/10/2023 21:14	43202 MVIL_T2	0	0	0	0	0	0	-0.53	-0.56	0	0	0	0	0	0
9/10/2023 21:14	44901 SCOT_T2	0	0	0	0	0	0	-0.27	-0.28	0	0	0	0	0	0
9/10/2023 21:14	23401 HONE_T2	1	1	0	0.7	0.7	0	0.27	0.26	0	0	0	0	0	0
9/10/2023 21:14	43304 WATS_T2	3	2	-1	0.43	0.2	-0.23	-0.39	-0.42	0	0	0	0	0	0
9/10/2023 21:15	41901 REED_T1	9	10	1	0.33	0.38	0.05	-1.53	-1.59	1	1	0	900	900	0
9/10/2023 21:15	43301 WATS_T2	1	1	0	0.6	0.7	0.1	0	0	0	0	0	0	0	0
9/10/2023 21:15	24101 EHAZ_T1	0	8	8	0	0.35	0.35	0.92	0.88	0	0	0	0	0	0
9/10/2023 21:15	28604 BLYT_T2	0	0	0	0	0	0	-1.07	-1.08	0	0	0	0	0	0
9/10/2023 21:15	17804 GILB_T2	0	0	0	0	0	0	-0.4	-0.42	0	0	0	0	0	0
9/10/2023 21:15	15001 BLMO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9/10/2023 21:16	59101 WALK_T2	1	1	0	0	0	0	0.78	0.7	2	2	0	1050	1050	0
9/10/2023 21:16	56504 ROCK_T2	0	0	0	0	0	0	0.14	0.12	0	0	0	0	0	0
9/10/2023 21:16	62604 ENGL_T1	0	0	0	0	0	0	-1.11	-1.12	1	1	0	600	600	0
9/10/2023 21:16	15001 BLMO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9/10/2023 21:17	65001 NEFF_T2	0	0	0	0	0	0	-0.87	-0.93	1	1	0	1200	1200	0
9/10/2023 21:17	43304 WATS_T2	2	1	-1	0.45	0	-0.45	-0.39	-0.42	0	0	0	0	0	0
9/10/2023 21:17	45802 HEGI_T2	0	0	0	0	0	0	0.43	0.45	0	0	0	0	0	0
9/10/2023 21:17	22903 HARW_T1	1	1	0	0.8	0	-0.8	0	0	0	0	0	0	0	0
9/10/2023 21:17	56501 ROCK_T2	20	0	-20	0.17	0	-0.17	0	0	0	0	0	0	0	0
9/10/2023 21:17	57303 MOAL_T2	1	1	0	8.2	8	-0.2	0	0	0	0	0	0	0	0
9/10/2023 21:17	59101 WALK_T2	1	1	0	0	0	0	0.78	0.7	2	2	0	1050	1050	0
9/10/2023 21:17	56802 BENV_T2	0	0	0	0	0	0	-1.13	-1.2	0	0	0	0	0	0
9/10/2023 21:17	40902 JESH_T1	0	0	0	0	0	0	-0.58	-0.59	0	0	0	0	0	0
9/10/2023 21:17	26603 BROO_T1	0	0	0	0	0	0	0.3	0.29	0	0	0	0	0	0
9/10/2023 21:18	44802 EDAN_T2	0	0	0	0	0	0	-1.97	-1.96	0	0	0	0	0	0
9/10/2023 21:18	59101 WALK_T2	1	1	0	0	0	0	0.78	0.7	2	2	0	1050	1050	0
9/10/2023 21:19	56501 ROCK_T2	20	0	-20	0.17	0	-0.17	0	0	0	0	0	0	0	0
9/10/2023 21:19	61202 REIN_T1	59	61	2	0.53	0.8	0.27	0	0	0	0	0	0	0	0
9/10/2023 21:19	48302 ORWI_T2	2	2	0	0.75	0.85	0.1	-0.02	-0.08	0	0	0	0	0	0
9/10/2023 21:20	66505 SMAN_T2	0	0	0	0	0	0	0.31	0.22	2	2	0	1500	1500	0
9/10/2023 21:20	56802 BENV_T2	0	0	0	0	0	0	-1.2	-1.21	0	0	0	0	0	0
9/10/2023 21:20	67602 WARW_T2	0	0	0	0	0	0	0.84	0.85	0	0	0	0	0	0
9/10/2023 21:20	44601 SALE_T2	0	0	0	0	0	0	0.1	0.07	0	0	0	0	0	0
9/10/2023 21:20	26603 BROO_T1	0	0	0	0	0	0	0.29	0.29	0	0	0	0	0	0
9/10/2023 21:21	40101 HUNT_T2	231	102	-129	0.62	0.35	-0.27	-1.12	-0.54	0	0	0	0	0	0
9/10/2023 21:21	41902 REED_T1	1	0	-1	0.2	0	-0.2	1.07	1.06	0	0	0	0	0	0
9/10/2023 21:21	65901 SAKR_T2	0	0	0	0	0	0	-0.15	-0.15	1	1	0	900	900	0
9/10/2023 21:21	41602 CLEV_T1	0	0	0	0	0	0	0	0	1	1	0	600	600	0
9/10/2023 21:21	44201 POIN_T1	0	0	0	0	0	0	-1.78	-1.8	1	1	0	900	900	0
9/10/2023 21:21	64101 REFR_T1	3	3	0	7.9	8.73	0.83	0.23	0.22	0	0	0	0	0	0
9/10/2023 21:21	28403 HART_T2	0	0	0	0	0	0	-0.43	-0.42	1	1	0	900	900	0
9/10/2023 21:22	66703 STRA_T1	5	6	1	0.44	0.77	0.33	-0.07	-0.1	0	0	0	0	0	0
9/10/2023 21:22	56802 BENV_T2	0	0	0	0	0	0	-1.2	-1.21	0	0	0	0	0	0
9/10/2023 21:22	45902 AUBU_T1	25	6	-19	0.25	0.12	-0.13	-0.97	-0.93	1	1	0	600	600	0
9/10/2023 21:22	61202 REIN_T1	59	61	2	0.53	0.8	0.27	0	0	0	0	0	0	0	0
9/10/2023 21:23	60801 BUCK_T1	160	182	22	0.85	1.07	0.22	0	0	0	0	0	0	0	0
9/10/2023 21:23	54701 NEBL_T1	0	0	0	0	0	0	0	0	1	1	0	600	600	0
9/10/2023 21:23	59101 WALK_T2	1	1	0	0	0	0	0.7	0.69	2	2	0	1050	1050	0
9/10/2023 21:23	56802 BENV_T2	0	0	0	0	0	0	-1.2	-1.21	0	0	0	0	0	0
9/10/2023 21:23	62604 ENGL_T1	0	0	0	0	0	0	-1.12	-1.11	1	1	0	600	600	0
9/10/2023 21:24	56504 ROCK_T2	0	0	0	0	0	0	0.12	0.08	0	0	0	0	0	0
9/10/2023 21:24	45902 AUBU_T1	25	6	-19	0.25	0.12	-0.13	-0.97	-0.93	1	1	0	600	600	0
9/10/2023 21:24	43401 BENT_T1	1	1	0	1.6	0	-1.6	0	0	0	0	0	0	0	0
9/10/2023 21:24	65902 SAKR_T2	0	0	0	0	0	0	-0.09	-0.1	1

9/11/2023 6:03	61202 REIN_T1	0	48	48	0	0.34	0.34	0	0	0	0	0	0	0	0
9/11/2023 7:42	61202 REIN_T1	2	7	5	0.15	0.29	0.14	0	0	0	0	0	0	0	0
9/11/2023 8:17	58402 MORO_T1	0	0	0	0	0	0	-1.8	-1.74	3	3	0	2400	2400	0
9/11/2023 8:19	54701 NEBL_T1	0	0	0	0	0	0	0	0	1	1	0	600	600	0
9/11/2023 8:19	58402 MORO_T1	0	0	0	0	0	0	-1.74	-1.67	3	3	0	2400	2400	0
9/11/2023 8:27	40101 HUNT_T2	0	0	0	0	0	0	-0.36	-0.35	0	0	0	0	0	0
9/11/2023 8:39	53601 DALM_T2	1	1	0	0.3	0.4	0.1	-0.15	-0.15	0	0	0	0	0	0
9/11/2023 8:43	44502 HAMI_T2	1	1	0	1.9	1.9	0	0.21	0.22	0	0	0	0	0	0
9/11/2023 8:51	54701 NEBL_T1	0	0	0	0	0	0	0	0	1	1	0	600	600	0
9/11/2023 8:53	45901 AUBU_T1	0	0	0	0	0	0	1.47	1.48	0	0	0	0	0	0
9/11/2023 8:55	45901 AUBU_T1	0	0	0	0	0	0	1.47	1.48	0	0	0	0	0	0
9/11/2023 9:04	67204 TEHI_T2	0	0	0	0	0	0	0.06	0.06	0	0	0	0	0	0
9/11/2023 9:06	26603 BROO_T1	0	0	0	0	0	0	0.37	0.28	0	0	0	0	0	0
9/11/2023 9:06	67204 TEHI_T2	0	0	0	0	0	0	0.06	0.06	0	0	0	0	0	0
9/11/2023 9:06	54701 NEBL_T1	0	0	0	0	0	0	0	0	1	1	0	600	600	0
9/11/2023 9:08	59101 WALK_T2	2	5	3	0.1	0.2	0.1	1.28	1.45	2	2	0	1050	1050	0
9/11/2023 9:09	26603 BROO_T1	0	0	0	0	0	0	0.37	0.28	0	0	0	0	0	0
9/11/2023 9:19	48302 ORWI_T2	2	2	0	0.4	0.4	0	0.11	0.13	0	0	0	0	0	0
9/11/2023 9:20	59101 WALK_T2	5	2	-3	0.2	0.4	0.2	2.89	2.36	4	4	0	2100	2100	0
9/11/2023 9:25	43402 BENT_T1	0	0	0	0	0	0	-0.72	-0.71	1	1	0	900	900	0
9/11/2023 9:29	13503 MCMI_T2	0	0	0	0	0	0	-0.01	-0.01	0	0	0	0	0	0
9/11/2023 9:29	43402 BENT_T1	0	0	0	0	0	0	-0.72	-0.71	1	1	0	900	900	0
9/11/2023 9:30	58402 MORO_T1	0	0	0	0	0	0	-1.63	-1.51	3	3	0	2400	2400	0
9/11/2023 9:31	56802 BENV_T2	1	2	1	1.4	0.6	-0.8	-3.49	-3.36	0	0	0	0	0	0
9/11/2023 9:32	58402 MORO_T1	0	0	0	0	0	0	-1.63	-1.51	3	3	0	2400	2400	0
9/11/2023 9:35	56802 BENV_T2	1	2	1	1.4	0.6	-0.8	-1.12	-1.08	0	0	0	0	0	0
9/11/2023 9:37	29402 BELT_T1	0	77	77	0	0.39	0.39	0	0	0	0	0	0	0	0
9/11/2023 9:38	49803 UNIV_T1	0	0	0	0	0	0	-0.71	-0.67	0	0	0	0	0	0
9/11/2023 9:40	29402 BELT_T1	0	77	77	0	0.39	0.39	0	0	0	0	0	0	0	0
9/11/2023 9:45	43202 MVIL_T2	0	0	0	0	0	0	-0.46	-0.43	0	0	0	0	0	0
9/11/2023 9:46	44502 HAMI_T2	1	1	0	1.6	1.6	0	0.39	0.38	0	0	0	0	0	0
9/11/2023 9:46	64101 REFR_T1	3	3	0	7.5	7.43	-0.07	0.09	0.07	0	0	0	0	0	0
9/11/2023 9:47	44203 POIN_T2	0	0	0	0	0	0	0.11	0.11	4	4	0	4200	4200	0
9/11/2023 9:47	42001 MNVL_T2	0	0	0	0	0	0	0.37	0.36	0	0	0	0	0	0
9/11/2023 9:47	44202 POIN_T2	0	0	0	0	0	0	-0.13	-0.17	1	1	0	1200	1200	0
9/11/2023 9:48	44202 POIN_T2	0	0	0	0	0	0	-0.26	-0.33	2	2	0	2400	2400	0
9/11/2023 9:50	44202 POIN_T2	0	0	0	0	0	0	-0.17	-0.19	1	1	0	1200	1200	0
9/11/2023 9:50	44203 POIN_T2	0	0	0	0	0	0	0.11	0.1	4	4	0	4200	4200	0
9/11/2023 9:51	41902 REED_T1	1	0	-1	0.1	0	-0.1	0	0	0	0	0	0	0	0
9/11/2023 9:51	43304 WATS_T2	0	0	0	0	0	0	-0.32	-0.17	0	0	0	0	0	0
9/11/2023 9:52	44203 POIN_T2	0	0	0	0	0	0	0.05	0.05	2	2	0	2100	2100	0
9/11/2023 9:52	45902 AUBU_T1	0	0	0	0	0	0	-0.22	-0.21	1	1	0	600	600	0
9/11/2023 9:53	59101 WALK_T2	2	1	-1	0.4	0	-0.4	2.07	1.79	1	2	1	450	1050	600
9/11/2023 9:55	20403 ASHF_T2	0	0	0	0	0	0	1.52	1.41	0	0	0	0	0	0
9/11/2023 9:56	53502 EVIL_T2	1	1	0	1.4	0.6	-0.8	0	0	0	0	0	0	0	0
9/11/2023 9:56	29402 BELT_T1	25	116	91	0.24	0.43	0.19	0	0	0	0	0	0	0	0
9/11/2023 9:57	23401 HONE_T2	0	0	0	0	0	0	0.04	0	0	0	0	0	0	0
9/11/2023 9:58	53502 EVIL_T2	1	1	0	1.4	0.6	-0.8	0	0	0	0	0	0	0	0
9/11/2023 9:59	45802 HEGI_T2	0	0	0	0	0	0	0.15	0.35	1	1	0	300	300	0
9/11/2023 9:59	53501 EVIL_T2	2	0	-2	0.5	0	-0.5	-1.35	-1.32	4	4	0	2700	2700	0
9/11/2023 10:00	20401 ASHF_T2	0	0	0	0	0	0	0.11	0.26	1	1	0	600	600	0
9/11/2023 10:00	67604 WARW_T1	0	4	0	0	0	0	0.27	0.26	0	0	0	0	0	0
9/11/2023 10:00	12604 MACA_T1	0	0	0	0	0	0	0.56	0.54	0	0	0	0	0	0
9/11/2023 10:00	56601 HAMP_T1	0	0	0	0	0	0	-0.12	-0.08	0	0	0	0	0	0
9/11/2023 10:00	57303 MOAL_T2	1	1	0	7.1	7.2	0.1	0	0	0	0	0	0	0	0
9/11/2023 10:00	52503 PROG_T2	0	0	0	0	0	0	-0.39	-0.3	1	1	0	900	900	0
9/11/2023 10:00	54701 NEBL_T1	0	0	0	1	0	0	0	0	1	1	0	600	600	0
9/11/2023 10:00	15604 NSTR_T1	0	0	0	0	0	0	0.11	0.11	0	0	0	0	0	0
9/11/2023 10:00	56801 BENV_T1	16	20	4	0.21	0.62	0.41	0	0	0	0	0	0	0	0
9/11/2023 10:00	43402 BENT_T1	0	0	0	0	0	0	-0.69	-0.7	1	1	0	900	900	0
9/11/2023 10:00	10602 BLGI_T2	1	3	2	8.7	8.7	0	1.09	1.32	0	0	0	0	0	0
9/11/2023 10:00	41901 REED_T1	0	1	1	0	0.2	0.2	-1.14	-1.16	1	1	0	900	900	0
9/11/2023 10:00	64802 MONE_T2	0	1	1	0	0	0	0	0	0	0	0	0	0	0
9/11/2023 10:00	63402 HONY_T2	1	1	0	0.5	0.3	-0.2	0	0	0	0	0	0	0	0
9/11/2023 10:01	43301 WATS_T2	1	1	0	0.3	0.3	0	0	0	0	0	0	0	0	0
9/11/2023 10:06	45901 AUBU_T1	0	0	0	0	0	0	1.49	1.48	0	0	0	0	0	0
9/11/2023 10:06	47101 MARL_T1	0	0	0	0	0	0	0	0	1	1	0	600	600	0
9/11/2023 10:06	29402 BELT_T1	77	118	41	0.39	0.43	0.04	0	0	0	0	0	0	0	0
9/11/2023 10:06	42701 AUGU_T1	1	1	0	1.5	1.4	-0.1	0	0	2	2	0	1800	1800	0
9/11/2023 10:07	42701 AUGU_T1	1	1	0	1.5	1.4	-0.1	0	0	2	2	0	1800	1800	0
9/11/2023 10:08	59101 WALK_T2	1	3	2	0	0.4	0.4	1.79	1.75	2	2	0	1050	1050	0
9/11/2023 10:08	45902 AUBU_T1	0	0	0	0	0	0	-0.21	-0.25	1	1	0	600	600	0
9/11/2023 10:09	45902 AUBU_T1	0	0	0	0	0	0	-0.21	-0.25	1	1	0	600	600	0
9/11/2023 10:09	44801 EDAN_T2	1	1	0	1.1	0.9	-0.2	0	0	0	0	0	0	0	0
9/11/2023 10:09	29402 BELT_T1	77	118	41	0.39	0.43	0.04	0	0	0	0	0	0	0	0
9/11/2023 10:09	45902 AUBU_T1	0	0	0	0	0	0	-0.21	-0.25	1	1	0	600	600	0
9/11/2023 10:10	44801 EDAN_T2	1	1	0	1.1	0.9	-0.2	0	0	0	0	0	0	0	0
9/11/2023 10:10	20403 ASHF_T2	0	0	0	0	0	0	1.41	1.43	0	0	0	0	0	0
9/11/2023 10:10	49803 UNIV_T1	0	0	0	0	0	0	-0.69	-0.71	0	0	0	0	0	0
9/11/2023 10:12	53501 EVIL_T2	0	0	0	0	0	0	-1.32	-1.21	4	4	0	2700	2700	0
9/11/2023 10:12	44502 HAMI_T2	1	1	0	1.5	1.6	0.1	0.4	0.45	0	0	0	0	0	0
9/11/2023 10:12	17804 GILB_T2	0	0	0	0	0	0	-0.46	-0.45	0	0	0	0	0	0
9/11/2023 10:12	23401 HONE_T2	0	0	0	0	0	0	0	0.11	0	0	0	0	0	0
9/11/2023 10:13	53502 EVIL_T2	1	1	0	0.9	0.4	-0.5	0	0	0	0	0	0	0	0
9/11/2023 10:13	28403 HART_T2	0	0	0	0	0	0	-0.62	-0.6	1	1	0	900	900	0
9/11/2023 10:14	12701 MACU_T1	0	1	1	0	2.7	2.7	0.22	0.24	0	0	0	0	0	0
9/11/2023 10:14	53501 EVIL_T2	0	0	0	0	0	0	-1.32	-1.21	4	4	0	2700	2700	0
9/11/2023 10:16	13503 MCMI_T2	0	0	0	0	0	0	-0.01	-0.01	0	0	0	0	0	0
9/11/2023 10:16	43202 MVIL_T2	0	0	0	0	0	0	-0.48	-0.48	0	0	0	0	0	0
9/11/2023 10:17	12701 MACU_T1	1	1	0	2.7	1.5	-1.2	0.22	0.24	0	0	0	0	0	0
9/11/2023 10:17	40902 JESH_T1	0	0	0	0	0	0	-0.33	-0.22	2	2	0	1200	1200	0
9/11/2023 10:18	65604 QVIL_T2	0	0	0	0	0	0	0.6	0.61	0	0	0	0	0	0
9/11/2023 10:18	56501 ROCK_T2	4	4	0	1.38	0.33	-1.05	-1.25	-1.25	0	0	0	0	0	0
9/11/2023 10:18	64101 REFR_T1	3	3	0	7.27	7.07	-0.2	0.19	0.2	0	0	0	0	0	0
9/11/2023 10:19	52502 PROG_T2	0	1	1	0	0	0	-0.32	-0.28	1	1	0	900	900	0
9/11/2023 10:19	48302 ORWI_T2	2	1	-1	0.1	0.3	0.2	0.23	0.17	0	0	0	0	0	0
9/11/2023 10:19	64101 REFR_T1	3	3	0	7.27	7.07	-0.2	0.1	0.14	0	0	0	0	0	0
9/11/2023 10:20	65604 QVIL_T2	0	0	0	0	0	0	0.61	0.64	0	0	0	0	0	0
9/11/2023 10:20	67204 TEHI_T2	0	0	0	0	0	0	0.15	0.17	0	0	0	0	0	0
9/11/2023 10:21	67502 WEWI_T2	0	0	0	0	0	0	-0.87	-0.84	0	1	1	0	900	900
9/11/2023 10:21	64101 REFR_T1	3	3	0	7.27	7.07	-0.2	0.1	0.14	0	0	0	0	0	0
9/11/2023 10:22	66505 SMAN_T2	0	6	6	0	0	0	0.68	0.4	6	6	0	4200	4200	0
9/11/2023 10:23	43301 WATS_T2	1	1	0	0.2	0.3	0.1	0	0	0	0	0	0	0	0
9/11/2023 10:23	67204 TEHI_T2	0	0	0	0	0	0	0.15	0.17	0	0	0	0	0	0
9/11/2023 10:23	15001 BLMO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9/11/2023 10:23	67502 WEWI_T2	0	0	0	0	0	0	-0.87	-0.84	1	1	0	900	900	0
9/11/2023 10:23	29402 BELT_T1	112	93	-19	0.43	0.42	-0.01	0	0	0	0	0	0	0	0
9/11/2023 10:24	15001 BLMO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9/11/2023 10:24	28604 BLYT_T2	0	0	0	0	0	0	-1.18	-1.17	0	0	0	0	0	0
9/11/2023 10:25	67502 WEWI_T2	0	0	0	0	0	0	-0.87	-0.84	1	1	0	900	900	0
9/11/2023 10:27	17805 GILB_T2	0	0	0	0	0	0	0.5	0.44	0	0	0	0	0	0
9/11/2023 10:29	64301 LINC_T1	0	0	0	0	0	0	-0.46	-0.47	1	1	0	600	600	0
9/11/2023 10:30	56802 BENV_T2	1	22	21	1.4	0.25	-1.15	-2.04	-2.02	0	0	0	0	0	0
9/11/2023 10:31	52403 GRPA_T2	0	4	4	0	0.68	0.68	-0.15	-0.16	0	0	0	0	0	0
9/11/2023 10:31	56802 BENV_T2	1	22	21	1.4	0.25	-1.15	-1.02	-1.01	0	0	0	0	0	0
9/11/2023 10:31	12701 MACU_T1	1	1	0	4.4	1.2	-3.2	0.24	0.25	0	0	0	0	0	0
9/11/2023 10:32	56802 BENV_T2	1	22	21	1.4	0.25	-1.15	-1.02	-1.01	0	0	0	0	0	0
9/11/2023 10:32	48302 ORWI_T2	1	0	-1	0.3	0	-0.3	0.23	0.17	0	0	0	0	0	0
9/11/2023 10:33	54701 NEBL_T1	0	2	2	0	0.3	0.3	0	0	1	1	0	600	600	0
9/11/2023 10:33	56802 BENV_T2	1	22	21	1.4	0.25	-1.15	-1.02	-1.01	0	0	0	0	0	0
9/11/2023 10:33	54001 SDLE_T1	1	4	3	0.3	0.28	-0.02	0	0	0	0	0	0	0	0
9/11/2023 10:34	54001 SDLE_T1	1	4	3	0.3	0.28	-0.02	0	0	0	0	0	0	0	0
9/11/2023 10:34	56802 BENV_T2	1	22	21	1.4	0.25	-1.15	-3.03	-2.88	0	0	0	0	0	0
9/11/2023 10:35	56802 BENV_T2	1	22	21	1.4	0.25	-1.15	-2.02	-1.92	0	0	0	0	0	0
9/11/2023 10:35	55101 WERT_T1	0	0	0	0	0	0	-3.11	-3.08	8	8	0	6600	6600	0
9/11/2023 10:36	54001 SDLE_T1	1	4	3	0.3	0.28	-0.02	0	0	0	0	0	0	0	0
9/11/2023 10:36	55101 WERT_T1	0	0	0	0	0	0	-1.55	-1.54	4	4	0	3300	3300	0
9/11/2023 10:37	40301 TAMA_T3	1	1	0	0	0	0	0.44	0.43	2	2	0	1800	1800	0
9/11/2023 10:38	59101 WALK_T2	3	2	-1	0.4	0.3	-0.1	1.92	2.07	2	1	-1	1050	450	-600
9/11/2023 10:39	59102 WALK_T2	1	1	0	0.2	0.1	-0.1	0	0	0	0	0	0	0	0
9/11/2023 10:39	55101 WERT_T1	0	0	0	0	0	0	-1.55	-1.54	4	4	0	3300	3300	0
9/11/2023 10:39	15001 BLMO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9/11/2023 10:41	53601 DALM_T2	1	1	0	0.4	0.2	-0.2	-0.35	-0.2	1	1	0	900	900	0
9/11/2023 10:46	58402 MORO_T1	0	0	0	0	0	0	-1.54	-1.53	3	3	0	2400	2400	0
9/11/2023 10:47	45802 HEGI_T2	0	0	0	0	0	0	0.26	0.35	1	1	0	300	300	0
9/11/2023 10:49	58402 MORO_T1	0	0	0	0	0	0	-1.53	-1.44	3	3	0	2400	2400	0
9/11/2023 10:52	60803 BUCK_T1	1	3	2	0.1	0.23	0.13	-1.16	-1.1	1	1	0	600	600	0
9/11/2023 10:52	67503 WEWI_T2	0	0	0	0	0	0	0.14	0.14	0	0	0	0	0	0
9/11/2023 10:54	60801 BUCK_T1	163	177	14	0.65	0.8	0.15	0	0	0	0	0	0	0	0
9/11/2023 10:55	45902 AUBU_T1	0	0	0	0	0	0	-0.18	-0.17	1	1	0	600	600	0
9/11/2023 10:55	56803 BENV_T1	1	4	3	2	0.43	-1.57	0	0	0	0	0	0	0	0
9/11/2023 10:55	24101 EHAZ_T1	5	22	17	0.16	0.2	0.04	0.22	0.25	3	3	0	1800	1800	0
9/11/2023 10:56	56803 BENV_T1	1	4	3	2	0.43	-1.57	0	0	0	0	0	0	0	0
9/11/2023 10:56	56802 BENV_T2	10	23	13	0.3	0.25	-0.05	-0.96	-0.99	0	0	0	0	0	0
9/11/2023 10:56	45901 AUBU_T1	0	0	0	0	0	0	1.52	1.53	0	0	0	0	0	0
9/11/2023 10:57	53903 HALI_T2	2	3	1	0.8	0.9	0.1	0.06	0.06	0	0	0	0	0	0
9/11/2023 10:57	56801 BENV_T1	23	22	-1	0.98	0.69	-0.29	0	-0.85	2	2	0	1200	1200	0
9/11/2023 10:58	52502 PROG_T2	0	0	0	0	0	0	-0.28	-0.2	1	1	0	900	900	0
9/11/2023 10:58	56801 BENV_T1	23	22	-1	0.98	0.69	-0.29	0	-0.42	1	1	0	600	600	0
9/11/2023 10:59	56803 BENV_T1	1	4	3	2	0.43	-1.57	0	0	0	0	0	0	0	0
9/11/2023 11:03	48302 ORWI_T2	0	2	2	0	0.35	0.35	-0.18	-0.16	0	0	0	0	0	0
9/11/2023 11:04	54701 NEBL_T1	2	2	0	0.3	0.25	-0.05	0	0	1	1	0	600	600	0
9/11/2023 11:05	44203 POIN_T2	0	3	3	0	1.17	1.17	0.27	0.06	2	2	0	2100	2100	0
9/11/2023 11:06	55101 WERT_T1	0	0	0	0	0	0	-1.94	-2.05	4	4	0	3300	3300	0
9/11/2023 11:06	45902 AUBU_T1	0	0	0	0	0	0	-0.17	-0.19	1	1	0	600	600	0
9/11/2023 11:07	55101 WERT_T1	0	0	0	0	0	0	-3.88	-4.1	8	8	0	6600	6600	0
9/11/2023 11:08	55101 WERT_T1	0	0	0	0	0	0	-1.94	-2.05	4	4	0	3300	3300	0
9/11/2023 11:10	62604 ENGI_T1	0	0	0	0	0	0	-0.89	-0.91	1	1	0	600	600	0
9/11/2023 11:10	55101 WERT_T1	0	0	0	0	0	0	-1.94	-2.05	4	4	0	3300	3300	0
9/11/2023 11:11	62602 ENGL_T1	0	1	1	0	0.1	0.1	0	0	0	0	0	0	0	0
9/11/2023 11:12	56802 BENV_T2	21	15	-6	0.24	0.29	0.05	-0.99	-0.9	0	0	0	0	0	0
9/11/2023 11:13	46206 DANV_T2	1	1	0	1.2	1	-0.2	0	0	0	0	0	0	0	0
9/11/2023 11:13	62602 ENGL_T1	0	1	1	0	0.1	0.1	0	0	0	0	0	0	0	0
9/11/2023 11:15	62604 ENGL_T1	0	0	0	0	0	0	-0.89	-0.91	1	1	0	600	600	0
9/11/2023 11:15	52402 GRPA_T2	2	3	1	1.85	1.33	-0.52	0	0	0	0	0	0	0	0
9/11/2023 11:17	52004 LING_T2	0	1	1	0	0.2	0.2	0.71	0.72	0	0	0	0	0	0
9/11/2023 11:19	13901 SEID_T1	0	0	0	0	0	0	-0.69	-0.69	1	1	0	1200	1200	0
9/11/2023 11:20	43301 WATS_T2	0	1	1	0	0.1	0.1	0	0	0	0	0	0	0	0
9/11/2023 11:22	45901 AUBU_T1	0	0	0	0	0	0	1.5	1.47	0	0	0	0	0	0
9/11/2023 11:22	66703 STRA_T1	0	0	0	0	0	0	0.55	0.49	0	0	0	0	0	0
9/11/2023 11:22	45902 AUBU_T1	0	0	0	0	0	0	-0.19	-0.18	1	1	0	600	600	0
9/11/2023 11:23	64503 LAVI_T1	1	1	0	0	0	0	-1.35	-1.02	2	1	-1	2100	1200	-900
9/11/2023 11:23	59101 WALK_T2	1	2	1	0	5.6	5.6	1.97	2.41	1	2	1	450	1050	600
9/11/2023 11:25	29402 BELT_T1	0	1	1	0	0.6	0.6	0	0	0	0	0	0	0	0
9/11/2023 11:27	53903 HALI_T2	2	2	0	0.7	0.5	-0.2	0.03	0.07	0	0	0	0	0	0
9/11/2023 11:27	43402 BENT_T1	0	0	0	0	0	0	-1.34	-0.73	2	1	-1	1500	900	-600
9/11/2023 11:29	29401 BELT_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9/11/2023 11:29	43402 BENT_T1	0	0	0	0	0	0	-1.34	-0.73	2	1	-1	1500	900	-600
9/11/2023

9/11/2023 11:55	55101 WERT_T1	0	0	0	0	0	0	-3.94	-4.24	8	8	0	6600	6600	0
9/11/2023 11:57	24102 EHAZ_T1	3	3	0	1.43	0.5	-0.93	0	0	0	0	0	0	0	0
9/11/2023 11:57	29402 BELT_T1	1	1	0	0.6	0.5	-0.1	0	0	0	0	0	0	0	0
9/11/2023 11:57	47101 MARL_T1	0	1	1	0	0	0	0	0	1	1	0	600	600	0
9/11/2023 11:59	52403 GRPA_T2	2	4	2	0.85	0.7	-0.15	-0.1	0	0	0	0	0	0	0
9/11/2023 12:02	43202 MVIL_T2	0	0	0	0	0	0	-0.43	-0.46	0	0	0	0	0	0
9/11/2023 12:02	52403 GRPA_T2	2	9	7	0.75	0.75	0	-0.1	0	0	0	0	0	0	0
9/11/2023 12:03	64101 REFR_T1	3	3	0	7.1	7.07	-0.03	0.26	0.25	0	0	0	0	0	0
9/11/2023 12:04	54701 NEBL_T1	2	0	-2	0.1	0	-0.1	0	0	1	1	0	600	600	0
9/11/2023 12:05	52502 PROG_T2	0	0	0	0	0	0	-0.12	-0.16	1	1	0	900	900	0
9/11/2023 12:07	29402 BELT_T1	1	1	0	0.5	0.2	-0.3	0	0	0	0	0	0	0	0
9/11/2023 12:07	52502 PROG_T2	0	0	0	0	0	0	-0.12	-0.16	1	1	0	900	900	0
9/11/2023 12:07	29401 BELT_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9/11/2023 12:07	54701 NEBL_T1	2	0	-2	0.1	0	-0.1	0	0	1	1	0	600	600	0
9/11/2023 12:08	29402 BELT_T1	1	1	0	0.5	0.2	-0.3	0	0	0	0	0	0	0	0
9/11/2023 12:09	29402 BELT_T1	1	1	0	0.5	0.2	-0.3	0	0	0	0	0	0	0	0
9/11/2023 12:10	29402 BELT_T1	1	1	0	0.5	0.2	-0.3	0	0	0	0	0	0	0	0
9/11/2023 12:11	11104 EGYP_T1	5	8	3	1.88	1.43	-0.45	1.06	1.11	0	0	0	0	0	0
9/11/2023 12:12	17805 GILB_T2	0	1	1	0	0.3	0.3	0.64	0.68	0	0	0	0	0	0
9/11/2023 12:13	60801 BUCK_T1	137	118	-19	0.65	0.58	-0.07	0	0	0	0	0	0	0	0
9/11/2023 12:13	17804 GILB_T2	0	0	0	0	0	0	-0.4	-0.37	0	0	0	0	0	0
9/11/2023 12:13	24105 EHAZ_T1	4	4	0	5.55	5.48	-0.07	0	0	0	0	0	0	0	0
9/11/2023 12:16	52402 GRPA_T2	1	2	1	2.8	1.35	-1.45	0	0	0	0	0	0	0	0
9/11/2023 12:16	45802 HEGI_T2	0	0	0	0	0	0	0.93	1.1	1	1	0	300	300	0
9/11/2023 12:18	65902 SAKR_T2	0	0	0	0	0	0	-0.16	-0.18	2	2	0	1200	1200	0
9/11/2023 12:18	52402 GRPA_T2	1	2	1	2.8	1.35	-1.45	0	0	0	0	0	0	0	0
9/11/2023 12:19	65603 QVIL_T2	1	1	0	6.8	6.6	-0.2	0	0	0	0	0	0	0	0
9/11/2023 12:21	65603 QVIL_T2	1	1	0	6.8	6.6	-0.2	0	0	0	0	0	0	0	0
9/11/2023 12:23	26603 BROO_T1	0	0	0	0	0	0	0.31	0.32	0	0	0	0	0	0
9/11/2023 12:26	26603 BROO_T1	0	0	0	0	0	0	0.31	0.32	0	0	0	0	0	0
9/11/2023 12:28	43402 BENT_T1	0	0	0	0	0	0	-0.69	-0.72	1	1	0	900	900	0
9/11/2023 12:29	43402 BENT_T1	0	0	0	0	0	0	-0.69	-0.72	1	1	0	900	900	0
9/11/2023 12:50	59101 WALK_T2	1	2	1	0	0.4	0.4	1.29	1.47	2	2	0	1050	1050	0
9/11/2023 12:51	55101 WERT_T1	0	0	0	0	0	0	-2.04	-1.98	4	4	0	3300	3300	0
9/11/2023 12:52	55101 WERT_T1	0	0	0	0	0	0	-4.08	-3.97	8	8	0	6600	6600	0
9/11/2023 12:53	59101 WALK_T2	1	2	1	0	0.4	0.4	1.29	1.47	2	1	-1	1050	450	-600
9/11/2023 12:53	20403 ASHF_T2	0	3	3	0	0.1	0.1	0.82	1.25	0	0	0	0	0	0
9/11/2023 12:54	59101 WALK_T2	1	2	1	0	0.4	0.4	1.29	1.47	2	1	-1	1050	450	-600
9/11/2023 12:55	59101 WALK_T2	1	2	1	0	0.4	0.4	1.29	1.47	2	1	-1	1050	450	-600
9/11/2023 13:02	54701 NEBL_T1	0	0	0	0	0	0	0	0	1	1	0	600	600	0
9/11/2023 13:04	54701 NEBL_T1	0	0	0	0	0	0	0	0	1	1	0	600	600	0
9/11/2023 13:07	29402 BELT_T1	0	1	1	0	0	0	0	0	0	0	0	0	0	0
9/11/2023 13:10	28604 BLYT_T2	0	0	0	0	0	0	-1.05	-1.03	0	0	0	0	0	0
9/11/2023 13:11	56803 BENV_T1	1	4	3	0.8	0.87	0.07	0	0	0	0	0	0	0	0
9/11/2023 13:20	54701 NEBL_T1	0	0	0	0	0	0	0	0	1	1	0	600	600	0
9/11/2023 13:31	43402 BENT_T1	1	0	-1	0.2	0	-0.2	-0.7	-0.59	1	1	0	900	900	0
9/11/2023 13:34	47101 MARL_T1	0	0	0	0	0	0	0	0	1	1	0	600	600	0
9/11/2023 13:34	65901 SAKR_T2	0	0	0	0	0	0	-0.02	-0.07	2	2	0	1500	1500	0
9/11/2023 13:34	44203 POIN_T2	3	1	-2	0.5	0	-0.5	0	0	0	0	0	0	0	0
9/11/2023 13:35	44203 POIN_T2	3	1	-2	0.5	0	-0.5	-0.15	-0.14	2	2	0	2100	2100	0
9/11/2023 13:36	44202 POIN_T2	0	0	0	0	0	0	-0.78	-0.7	2	2	0	1800	1800	0
9/11/2023 13:41	28604 BLYT_T2	0	0	0	0	0	0	-1.02	-1.03	0	0	0	0	0	0
9/11/2023 13:45	47901 HRDG_T1	0	0	0	0	0	0	1.12	0.8	1	1	0	1200	1200	0
9/11/2023 13:46	42902 MIDD_T2	0	3	3	0	0.5	0.5	-0.05	-0.09	1	1	0	600	600	0
9/11/2023 13:47	54701 NEBL_T1	0	0	0	0	0	0	0	0	1	1	0	600	600	0
9/11/2023 13:51	42802 SELI_T1	0	0	0	0	0	0	-1.48	-1.53	1	1	0	900	900	0
9/11/2023 13:52	42802 SELI_T1	0	0	0	0	0	0	-1.48	-1.53	1	1	0	900	900	0
9/11/2023 13:52	29402 BELT_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9/11/2023 13:58	63403 HONY_T2	0	0	0	0	0	0	0.29	0.26	1	1	0	600	600	0
9/11/2023 13:58	11102 EGYP_T1	6	3	-3	0.63	0.8	0.17	0	0	0	0	0	0	0	0
9/11/2023 13:59	63404 HONY_T1	2	2	0	5.85	5.8	-0.05	0	0	0	0	0	0	0	0
9/11/2023 13:59	45802 HEGI_T2	0	0	0	0	0	0	0.99	0.76	1	1	0	300	300	0
9/11/2023 14:01	47901 HRDG_T1	0	0	0	0	0	0	0.8	0.76	1	1	0	1200	1200	0
9/11/2023 14:06	59101 WALK_T2	1	3	2	0	0	0	1.68	1.5	2	2	0	1050	1050	0
9/11/2023 14:08	20403 ASHF_T2	0	0	0	0	0	0	0.61	0.59	0	0	0	0	0	0
9/11/2023 14:08	29402 BELT_T1	0	8	8	0	0.13	0.13	0	0	0	0	0	0	0	0
9/11/2023 14:10	56802 BENV_T2	1	1	0	0.6	0.4	-0.2	-0.76	-0.89	0	0	0	0	0	0
9/11/2023 14:11	56802 BENV_T2	1	1	0	0.6	0.4	-0.2	-0.76	-0.89	0	0	0	0	0	0
9/11/2023 14:11	47101 MARL_T1	0	1	1	0	0	0	0	0	1	1	0	600	600	0
9/11/2023 14:12	56801 BENV_T1	0	8	8	0	0.74	0.74	-0.35	-0.33	1	1	0	600	600	0
9/11/2023 14:12	56801 BENV_T1	0	8	8	0	0.74	0.74	-0.35	-0.33	1	1	0	600	600	0
9/11/2023 14:12	56802 BENV_T2	1	1	0	0.6	0.4	-0.2	-3.04	-3.56	0	0	0	0	0	0
9/11/2023 14:12	47901 HRDG_T1	0	0	0	0	0	0	0.76	0.96	1	1	0	1200	1200	0
9/11/2023 14:13	56802 BENV_T2	1	1	0	0.6	0.4	-0.2	-1.52	-1.78	0	0	0	0	0	0
9/11/2023 14:13	52401 GRPA_T2	1	0	-1	0.1	0	-0.1	0	0	0	0	0	0	0	0
9/11/2023 14:13	56801 BENV_T1	0	8	8	0	0.74	0.74	-1.05	-1	3	3	0	1800	1800	0
9/11/2023 14:14	24105 EHAZ_T1	4	4	0	5.78	5.68	-0.1	0	0	0	0	0	0	0	0
9/11/2023 14:14	56803 BENV_T1	3	4	1	1.53	0.63	-0.9	0	0	0	0	0	0	0	0
9/11/2023 14:14	56802 BENV_T2	1	1	0	0.6	0.4	-0.2	-1.52	-1.78	0	0	0	0	0	0
9/11/2023 14:15	52403 GRPA_T2	4	6	2	0.73	2.1	1.37	0.03	0.01	0	0	0	0	0	0
9/11/2023 14:15	45802 HEGI_T2	0	0	0	0	0	0	0.76	0.88	1	1	0	300	300	0
9/11/2023 14:15	56803 BENV_T1	3	5	2	0.63	0.6	-0.03	0	0	0	0	0	0	0	0
9/11/2023 14:16	28403 HART_T2	0	0	0	0	0	0	-0.46	-0.47	1	1	0	900	900	0
9/11/2023 14:17	47901 HRDG_T1	0	0	0	0	0	0	0.76	0.96	1	1	0	1200	1200	0
9/11/2023 14:18	43202 MVIL_T2	0	0	0	0	0	0	-0.42	-0.46	0	0	0	0	0	0
9/11/2023 14:19	56504 ROCK_T2	2	0	-2	0.45	0	-0.45	0.29	0.31	0	0	0	0	0	0
9/11/2023 14:19	42201 SHEN_T2	1	2	1	0.1	0.4	0.3	-0.41	-0.44	2	2	0	1200	1200	0
9/11/2023 14:19	54701 NEBL_T1	0	1	1	0	0	0	0	0	1	1	0	600	600	0
9/11/2023 14:21	14403 SSLA_T1	0	0	0	0	0	0	0.9	0.79	1	1	0	600	600	0
9/11/2023 14:21	56504 ROCK_T2	2	0	-2	0.45	0	-0.45	0.58	0.62	0	0	0	0	0	0
9/11/2023 14:21	59202 THOM_T1	3	1	-2	0.87	0.3	-0.57	0	0	0	0	0	0	0	0
9/11/2023 14:21	59101 WALK_T2	2	2	0	0.2	0	-0.2	1.5	1.51	2	2	0	1050	1050	0
9/11/2023 14:23	59101 WALK_T2	2	2	0	0.2	0	-0.2	1.5	1.51	2	2	0	1050	1050	0
9/11/2023 14:24	29401 BELT_T1	1	1	0	0.1	0.1	0	0	0	0	0	0	0	0	0
9/11/2023 14:24	44301 BEAV_T2	0	0	0	0	0	0	-0.43	-0.2	2	1	-1	1500	600	-900
9/11/2023 14:24	16302 ALPA_T2	0	0	0	0	0	0	0.39	0.44	0	0	0	0	0	0
9/11/2023 14:24	20403 ASHF_T2	0	0	0	0	0	0	0.59	0.53	0	0	0	0	0	0
9/11/2023 14:25	28601 BLYT_T2	1	1	0	2.1	0.4	-1.7	0	0	0	0	0	0	0	0
9/11/2023 14:25	14403 SSLA_T1	0	0	0	0	0	0	0.9	0.79	1	1	0	600	600	0
9/11/2023 14:26	62105 ELAN_T1	0	1	1	0	0.2	0.2	0.94	0.91	0	0	0	0	0	0
9/11/2023 14:27	28403 HART_T2	0	0	0	0	0	0	-0.47	-0.45	1	1	0	900	900	0
9/11/2023 14:27	47101 MARL_T1	0	1	-1	0.1	0	-0.1	0	0	1	1	0	600	600	0
9/11/2023 14:27	56802 BENV_T2	1	1	0	0.2	0.4	0.2	-2.67	-2.54	0	0	0	0	0	0
9/11/2023 14:27	47901 HRDG_T1	0	0	0	0	0	0	1.93	2.29	2	2	0	2400	2400	0
9/11/2023 14:28	56802 BENV_T2	1	1	0	0.2	0.4	0.2	-1.78	-1.7	0	0	0	0	0	0
9/11/2023 14:28	52004 LING_T2	1	1	0	0.7	0.7	0	0.53	0.54	0	0	0	0	0	0
9/11/2023 14:28	56803 BENV_T1	3	5	2	0.63	0.6	-0.03	0.45	0.42	0	0	0	0	0	0
9/11/2023 14:28	17805 GILB_T2	0	0	0	0	0	0	-0.27	-0.36	0	0	0	0	0	0
9/11/2023 14:29	56802 BENV_T2	1	1	0	0.2	0.4	0.2	-0.89	-0.85	0	0	0	0	0	0
9/11/2023 14:29	63403 HONY_T2	0	0	0	0	0	0	0.33	0.27	1	1	0	600	600	0
9/11/2023 14:30	24105 EHAZ_T1	4	4	0	5.68	5.73	0.05	0	0	0	0	0	0	0	0
9/11/2023 14:30	56802 BENV_T2	1	1	0	0.4	0.4	0	-0.89	-0.85	0	0	0	0	0	0
9/11/2023 14:30	52402 GRPA_T2	1	1	0	1.8	1.5	-0.3	0	0	0	0	0	0	0	0
9/11/2023 14:31	45802 HEGI_T2	0	0	0	0	0	0	0.88	1	1	1	0	300	300	0
9/11/2023 14:31	63404 HONY_T1	2	2	0	5.85	6.25	0.4	0	0	0	0	0	0	0	0
9/11/2023 14:33	42902 MIDD_T2	0	2	2	0	0	0	-0.08	-0.06	1	1	0	600	600	0
9/11/2023 14:34	43202 MVIL_T2	0	0	0	0	0	0	-0.43	-0.45	0	0	0	0	0	0
9/11/2023 14:35	42201 SHEN_T2	1	2	1	0.1	0.4	0.3	-0.44	-0.35	2	2	0	1200	1200	0
9/11/2023 14:35	54701 NEBL_T1	0	1	1	0	0	0	0	0	1	1	0	600	600	0
9/11/2023 14:35	56504 ROCK_T2	0	0	0	0	0	0	0.31	0.26	0	0	0	0	0	0
9/11/2023 14:36	56504 ROCK_T2	0	0	0	0	0	0	0.62	0.52	0	0	0	0	0	0
9/11/2023 14:36	59101 WALK_T2	2	1	-1	0	0.1	-0.1	1.51	1.54	2	2	0	1050	1050	0
9/11/2023 14:37	47101 MARL_T1	0	0	0	0	0	0	0	0	1	1	0	600	600	0
9/11/2023 14:37	59202 THOM_T1	1	1	0	0.3	0	-0.3	0	0	0	0	0	0	0	0
9/11/2023 14:37	56504 ROCK_T2	0	0	0	0	0	0	0.31	0.26	0	0	0	0	0	0
9/11/2023 14:39	43304 WATS_T2	0	0	0	0	0	0	-0.7	-0.68	1	1	0	600	600	0
9/11/2023 14:39	59101 WALK_T2	2	1	-1	0.1	0	-0.1	1.51	1.54	2	2	0	1050	1050	0
9/11/2023 14:39	29401 BELT_T1	1	0	-1	0.1	0	-0.1	0	0	1	1	0	900	900	0
9/11/2023 14:39	20403 ASHF_T2	0	0	0	0	0	0	0.53	0.5	0	0	0	0	0	0
9/11/2023 14:40	24105 EHAZ_T1	4	4	0	5.68	5.73	0.05	0	0	0	0	0	0	0	0
9/11/2023 14:40	29401 BELT_T1	1	0	-1	0.1	0	-0.1	0	0	1	1	0	900	900	0
9/11/2023 14:40	29401 BELT_T1	1	0	-1	0.1	0	-0.1	0	0	1	1	0	900	900	0
9/11/2023 14:40	16302 ALPA_T2	0	0	0	0	0	0	0.22	0.24	0	0	0	0	0	0
9/11/2023 14:43	56802 BENV_T2	1	1	0	0.4	0.4	0	-0.85	-0.87	0	0	0	0	0	0
9/11/2023 14:43	47901 HRDG_T1	0	0	0	0	0	0	2.29	2.35	2	2	0	2400	2400	0
9/11/2023 14:44	64305 LINC_T1	3	2	-1	1	0.2	-0.8	0	0	0	0	0	0	0	0
9/11/2023 14:44	16302 ALPA_T2	0	0	0	0	0	0	0.22	0.24	0	0	0	0	0	0
9/11/2023 14:44	56803 BENV_T1	4	4	0	0.85	0.83	-0.02	0.42	0.49	0	0	0	0	0	0
9/11/2023 14:44	42902 MIDD_T2	0	2	2	0	0	0	-0.06	0.14	1	1	0	600	600	0
9/11/2023 14:45	52403 GRPA_T2	5	2	-3	0.74	0.95	0.21	0.13	0.02	0	0	0	0	0	0
9/11/2023 14:45	56802 BENV_T2	1	1	0	0.4	0.5	0.1	-0.85	-0.87	0	0	0	0	0	0
9/11/2023 14:46	63404 HONY_T1	2	2	0	6.05	6.4	0.35	0	0	0	0	0	0	0	0
9/11/2023 14:47	45802 HEGI_T2	0	0	0	0	0	0	1	0.74	1	1	0	300	300	0
9/11/2023 14:48	56802 BENV_T2	1	1	0	0.4	0.5	0.1	-0.85	-0.87	0	0	0	0	0	0
9/11/2023 14:49	43202 MVIL_T2	0	1	1	0	0	0	-0.45	-0.43	0	0	0	0	0	0
9/11/2023 14:49	44201 POIN_T1	0	0	0	0	0	0	-1.56	-1.53	2	2	0	2100	2100	0
9/11/2023 14:50	54701 NEBL_T1	0	0	0	0	0	0	0	0	1	1	0	600	600	0
9/11/2023 14:51	14403 SSLA_T1	0	0	0	0	0	0	0.74	0.72	1	1	0	600	600	0
9/11/2023 14:51	55101 WERT_T1	0	0	0	0	0	0	-5.33	-5.25	12	12	0	9900	9900	0
9/11/2023 14:52	65802 RTWN_T2	0	0	0	0	0	0	-0.83	0.06	0	0	0	0	0	0
9/11/2023 14:53	14403 SSLA_T1	0	0	0	0	0	0	0.74	0.72	1	0	-1	600	0	-600
9/11/2023 14:55	28601 BLYT_T2	1	1	0	0.4	0	-0.4	0	0	0	0	0	0	0	0
9/11/2023 14:55	55101 WERT_T1	0	0	0	0	0	0	-1.78	-1.75	4	4	0	3300	3300	0
9/11/2023 14:56	55101 WERT_T1	0	0	0	0	0	0	-1.78	-1.75	4	4	0	3300	3300	0
9/11/2023 14:56	56802 BENV_T2	1	1	0	0.4	0.5	0.1	-0.87	-0.86	0	0	0	0	0	0
9/11/2023 14:57	56802 BENV_T2	1	1	0	0.4	0.5	0.1	-0.87	-0.86	0	0	0	0	0	0
9/11/2023 14:58	28403 HART_T2	0	0	0	0	0	0	-0.52	-0.53	1	1	0	900	900	0
9/11/2023 15:00	56802 BENV_T2	1	1	0	0.2	0.6	0.4	-0.87	-0.86	0	0	0	0	0	0
9/11/2023 15:00	41801 GOCI_T2	0	1	1	0	0.2	0.2	0	0	0	0	0	0	0	0
9/11/2023 15:01	65001 NEFF_T2	0	0	0	0	0	0	0.24	0.44	1	1	0	1200	1200	0
9/11/2023 15:01	63403 HONY_T2	0	0	0	0	0	0	0.3	0.23	1	1	0	600	600	0
9/11/2023 15:06	59101 WALK_T2	1	1	0	0	0	0	1.59	1.4	2	2	0	1050	1050	0
9/11/2023 15:08	60801 BUCK_T1	53	59	6	0.56	0.65	0.09	0	0	0	0	0	0	0	0
9/11/2023 15:14	56802 BENV_T2	1	1	0	0.2	0.6	0.4	-0.86	-0.89	0	0	0	0	0	0
9/11/2023 15:14	60801 BUCK_T1	53	59	6	0.56	0.65	0.09	0	0	0	0	0	0	0	0
9/11/2023 15:15	17805 GILB_T2	0	0	0	0	0	0	-0.41	0.46	0	0	0	0	0	0
9/11/2023 15:21	44601 SALE_T2	0	0	0	0	0	0	0.68	0.68	1	1	0	600	600	0
9/11/2023 15:22	65902 SAKR_T2	0	0	0	0	0	0	0.02	0	2	2	0	1200	1200	0
9/11/2023 15:25	67503 WEWI_T2	0	0	0	0	0	0	0.47	0.48	0	0	0	0	0	0
9/11/2023 15:34	59402 RFLD_T2	0	0	0	0	0	0	-1.42	-0.86	1	1	0	450	450	0
9/11/2023 15:36	59101 WALK_T2	1	3	2	0	0.3	0.3	1.58	1.68	2	2	0	1050	1050	0
9/11/2023 15:38	13704 SCHN_T2	0	0	0	0	0	0	0.33	0.34	0	0	0	0	0	0
9/11/2023 15:42	56803 BENV_T1	3	5	2	1.2	0.45	-0.75	0.48	0.48	0	0	0	0	0	0
9/11/2023 15:54	40301 TAMA_T3	1	1	0	0	0	0	0.52	0.57	2	2	0	1800	1800	0
9/11/2023 15:58	56803 BENV_T1	4	10	6	0.45	0.56	0.11	0.48	0.5	0	0	0	0	0	0
9/11/2023 15:58	65603 QVIL_T2	1	1	0	7.5	7.3	-0.2	0	0	0	0	0	0	0	0
9/11/2023 16:03	65604 QVIL_T2	0	0	0	0	0	0	0.85	0.86	0	0	0	0	0	0
9/11/2023 16:04	52402 GRPA_T2	1	1	0	2.1	1.8	-0.3	0	0	0	0	0	0	0	0
9/11/2023 16:22

9/11/2023 21:23	49803 UNIV_T1	0	0	0	0	0	0	-0.8	-0.82	0	0	0	0	0	0
9/11/2023 21:23	45902 AUBU_T1	1	29	28	0.4	0.24	-0.16	-0.8	-0.77	1	1	0	600	600	0
9/11/2023 21:23	52004 LING_T2	1	1	0	0.3	0	-0.3	0.04	0	0	0	0	0	0	0
9/11/2023 21:23	66505 SMAN_T2	2	0	-2	0.3	0	-0.3	0.52	0.82	2	2	0	1500	1500	0
9/11/2023 21:24	23401 HONE_T2	0	0	0	0	0	0	-0.09	-0.14	0	0	0	0	0	0
9/11/2023 21:24	44802 EDAN_T2	0	0	0	0	0	0	-0.62	-0.64	0	0	0	0	0	0
9/11/2023 21:24	56801 BENV_T1	11	19	8	1.15	0.89	-0.26	-0.44	-0.45	1	1	0	600	600	0
9/11/2023 21:24	64501 LAVI_T1	1	1	0	7	7.1	0.1	0	0	0	0	0	0	0	0
9/11/2023 21:24	67502 WEWI_T2	0	0	0	0	0	0	-0.96	-0.95	1	1	0	900	900	0
9/11/2023 21:24	44601 SALE_T2	1	0	-1	0.2	0	-0.2	1	1.15	0	0	0	0	0	0
9/11/2023 21:24	42701 AUGU_T1	0	1	1	0	0.4	0.4	0	0	2	2	0	1800	1800	0
9/11/2023 21:24	16302 ALPA_T2	0	0	0	0	0	0	1.01	1	0	0	0	0	0	0
9/11/2023 21:25	53501 EVIL_T2	1	2	1	0.2	0.5	0.3	-0.8	-0.97	2	2	0	1200	1200	0
9/11/2023 21:25	12701 MACU_T1	1	0	-1	0.1	0	-0.1	-0.98	-0.99	1	1	0	1200	1200	0
9/11/2023 21:25	56801 BENV_T1	11	19	8	1.15	0.89	-0.26	-0.44	-0.45	1	1	0	600	600	0
9/11/2023 21:25	67502 WEWI_T2	0	0	0	0	0	0	-0.96	-0.95	1	1	0	900	900	0
9/11/2023 21:25	53601 DALM_T2	1	1	0	0.8	0.6	-0.2	-0.67	-0.69	2	2	0	1500	1500	0
9/11/2023 21:26	59101 WALK_T2	1	1	0	0	0	0	1.34	1.25	1	1	0	450	450	0
9/11/2023 21:26	17804 GILB_T2	0	0	0	0	0	0	-0.45	-0.45	0	0	0	0	0	0
9/11/2023 21:26	56501 ROCK_T2	6	39	33	0.28	0.17	-0.11	0	0	0	0	0	0	0	0
9/11/2023 21:26	26603 BROO_T1	0	0	0	0	0	0	0.23	0.18	0	0	0	0	0	0
9/11/2023 21:26	65001 NEFF_T2	0	0	0	0	0	0	-0.36	-0.39	1	1	0	1200	1200	0
9/11/2023 21:26	44203 POIN_T2	0	0	0	0	0	0	-0.79	-0.84	2	2	0	2100	2100	0
9/11/2023 21:26	65802 RTWN_T2	0	0	0	0	0	0	-0.04	-0.06	0	0	0	0	0	0
9/11/2023 21:27	56802 BENV_T2	0	1	1	0	0.5	0.5	-0.82	-0.81	0	0	0	0	0	0
9/11/2023 21:27	44502 HAMI_T2	1	1	0	2.6	2.9	0.3	0.13	0.14	0	0	0	0	0	0
9/11/2023 21:27	62604 ENGL_T1	0	0	0	0	0	0	-1.09	-1.17	1	1	0	600	600	0
9/11/2023 21:27	59202 THOM_T1	1	11	10	0.1	0.15	0.05	0	0	0	0	0	0	0	0
9/11/2023 21:27	28403 HART_T2	0	0	0	0	0	0	-0.53	-0.55	1	1	0	900	900	0
9/11/2023 21:27	47901 HRDG_T1	0	0	0	0	0	0	1.41	1.4	1	1	0	1200	1200	0
9/11/2023 21:28	43302 WATS_T2	4	4	0	0.4	0.55	0.15	0	0	0	0	0	0	0	0
9/11/2023 21:28	64801 MONE_T2	0	1	1	0	0.3	0.3	0	0	0	0	0	0	0	0
9/11/2023 21:28	42901 MIDD_T2	0	1	1	0	4.9	4.9	0	0	0	0	0	0	0	0
9/11/2023 21:29	43402 BENT_T1	0	0	0	0	0	0	-0.87	-0.87	1	1	0	900	900	0
9/11/2023 21:29	40901 JESH_T1	0	8	8	0	0.14	0.14	0	0	0	0	0	0	0	0
9/11/2023 21:29	44802 EDAN_T2	0	0	0	0	0	0	-0.62	-0.64	0	0	0	0	0	0
9/11/2023 21:29	65902 SAKR_T2	0	0	0	0	0	0	-0.07	-0.07	1	1	0	300	300	0
9/11/2023 21:29	63404 HONY_T1	2	2	0	7.2	7.25	0.05	0	0	0	0	0	0	0	0
9/11/2023 21:29	46203 DANV_T2	0	0	0	0	0	0	0.31	0.29	0	0	0	0	0	0
9/11/2023 21:30	62604 ENGL_T1	0	0	0	0	0	0	-1.09	-1.17	1	1	0	600	600	0
9/11/2023 21:30	56801 BENV_T1	10	21	11	0.75	1.05	0.3	-0.88	-0.91	2	2	0	1200	1200	0
9/11/2023 21:30	14403 SSLA_T1	0	0	0	0	0	0	1.02	0.98	0	0	0	0	0	0
9/11/2023 21:30	56802 BENV_T2	1	2	1	0.3	0.45	0.15	-0.41	-0.4	0	0	0	0	0	0
9/11/2023 21:30	55101 WERT_T1	0	0	0	0	0	0	-1.75	-1.84	3	3	0	2400	2400	0
9/11/2023 21:31	45802 HEGI_T2	0	0	0	0	0	0	0.83	1.02	0	0	0	0	0	0
9/11/2023 21:31	54701 NEBL_T1	5	6	1	0.26	0.62	0.36	0	0	1	1	0	600	600	0
9/11/2023 21:31	56801 BENV_T1	10	21	11	0.75	1.05	0.3	-0.88	-0.91	2	2	0	1200	1200	0
9/11/2023 21:32	64101 REFR_T1	3	3	0	8.6	9.07	0.47	0.28	0.26	0	0	0	0	0	0
9/11/2023 21:33	64303 LINC_T1	0	0	0	0	0	0	-0.16	-0.15	0	0	0	0	0	0
9/11/2023 21:33	56801 BENV_T1	10	21	11	0.75	1.05	0.3	-0.44	-0.45	1	1	0	600	600	0
9/11/2023 22:04	29401 BELT_T1	7	0	-7	0.1	0	-0.1	0	0	1	1	0	900	900	0
9/11/2023 22:19	43402 BENT_T1	0	0	0	0	0	0	-0.89	-0.9	1	1	0	900	900	0
9/11/2023 22:29	43402 BENT_T1	0	0	0	0	0	0	-0.89	-0.9	1	1	0	900	900	0
9/11/2023 23:19	43402 BENT_T1	0	0	0	0	0	0	-0.89	-0.91	1	1	0	900	900	0
9/11/2023 23:29	43402 BENT_T1	0	0	0	0	0	0	-0.89	-0.91	1	1	0	900	900	0
9/12/2023 0:19	43402 BENT_T1	0	0	0	0	0	0	-0.92	-0.94	1	1	0	900	900	0
9/12/2023 0:28	45902 AUBU_T1	0	0	0	0	0	0	-1.63	-1.74	2	2	0	1200	1200	0
9/12/2023 0:28	56504 ROCK_T2	0	0	0	0	0	0	-1.21	-1.25	0	0	0	0	0	0
9/12/2023 0:28	56501 ROCK_T2	2	3	1	0.4	0.53	0.13	-0.13	-0.12	0	0	0	0	0	0
9/12/2023 0:28	66505 SMAN_T2	0	0	0	0	0	0	0.36	0.46	1	1	0	900	900	0
9/12/2023 0:28	53502 EVIL_T2	0	1	1	0	0	0	0	0	0	0	0	0	0	0
9/12/2023 0:28	54001 SDLE_T1	1	1	0	0.1	0.4	0.3	0	0	0	0	0	0	0	0
9/12/2023 0:28	53903 HALI_T2	2	2	0	0.7	1	0.3	-0.15	-0.18	0	0	0	0	0	0
9/12/2023 0:28	28602 BLYT_T2	1	0	-1	0.1	0	-0.1	0	0	0	0	0	0	0	0
9/12/2023 0:28	43301 WATS_T2	0	1	1	0	0.3	0.3	0	0	0	0	0	0	0	0
9/12/2023 0:28	60803 BUCK_T1	1	8	7	0.3	0.2	-0.1	-1.66	-1.78	2	2	0	1200	1200	0
9/12/2023 0:28	42701 AUGU_T1	0	0	0	0	0	0	0	0	1	1	0	600	600	0
9/12/2023 0:28	44202 POIN_T2	0	0	0	0	0	0	-2.54	-2.58	3	3	0	3600	3600	0
9/12/2023 0:28	13704 SCHN_T2	0	0	0	0	0	0	-0.29	-0.29	0	0	0	0	0	0
9/12/2023 0:28	41901 REED_T1	0	0	0	0	0	0	-1.35	-1.47	1	1	0	900	900	0
9/12/2023 0:28	13901 SEID_T1	0	0	0	0	0	0	-0.86	0.39	1	0	-1	1200	0	-1200
9/12/2023 0:28	44301 BEAV_T2	2	2	0	0.25	0.35	0.1	-0.02	-0.01	1	1	0	600	600	0
9/12/2023 0:28	67503 WEWI_T2	0	0	0	0	0	0	-0.25	-0.27	0	0	0	0	0	0
9/12/2023 0:28	41801 GOCI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9/12/2023 0:28	52402 GRPA_T2	2	2	0	2.05	2.8	0.75	0	0	0	0	0	0	0	0
9/12/2023 0:28	64101 REFR_T1	3	4	1	9.47	9.4	-0.07	0.44	0.4	0	0	0	0	0	0
9/12/2023 0:28	40301 TAMA_T3	1	1	0	0	0	0	0.8	0.7	1	1	0	1200	1200	0
9/12/2023 0:28	12701 MACU_T1	1	1	0	1.9	1	-0.9	0.23	0.19	0	0	0	0	0	0
9/12/2023 0:28	20403 ASHF_T2	0	0	0	0	0	0	0.19	0.18	0	0	0	0	0	0
9/12/2023 0:28	56801 BENV_T1	12	32	20	0.72	0.66	-0.06	-0.74	-0.77	1	1	0	600	600	0
9/12/2023 0:28	67502 WEWI_T2	0	0	0	0	0	0	1.33	1.39	1	1	0	900	900	0
9/12/2023 0:28	59101 WALK_T2	1	1	0	0	0	0	1.06	0.97	1	1	0	450	450	0
9/12/2023 0:28	42201 SHEN_T2	0	0	0	0	0	0	0.06	0.06	1	1	0	600	600	0
9/12/2023 0:28	42002 MNVL_T2	1	1	0	1.5	1.1	-0.4	0	0	0	0	0	0	0	0
9/12/2023 0:28	55101 WERT_T1	0	0	0	0	0	0	-4.6	-4.66	6	6	0	5400	5400	0
9/12/2023 0:28	42802 SELI_T1	1	1	0	0.3	0.1	-0.2	0	0	0	0	0	0	0	0
9/12/2023 0:28	56801 BENV_T1	12	32	20	0.72	0.66	-0.06	-0.74	-0.77	1	1	0	600	600	0
9/12/2023 0:28	43202 MVIL_T2	0	0	0	0	0	0	-0.69	-0.7	0	0	0	0	0	0
9/12/2023 0:28	17805 GILB_T2	1	0	-1	0.1	0	-0.1	-0.14	-0.1	0	0	0	0	0	0
9/12/2023 0:28	56802 BENV_T2	1	1	0	0.4	0.8	0.4	-7.5	-7.77	0	0	0	0	0	0
9/12/2023 0:28	13503 MCMI_T2	0	0	0	0	0	0	0	-0.01	0	0	0	0	0	0
9/12/2023 0:28	14403 SSLA_T1	0	0	0	0	0	0	0.69	0.66	0	0	0	0	0	0
9/12/2023 0:28	66703 STRA_T1	4	9	5	0.2	0.36	0.16	-0.24	-0.2	0	0	0	0	0	0
9/12/2023 0:28	29401 BELT_T1	0	0	0	0	0	0	0	0	1	1	0	900	900	0
9/12/2023 0:28	15001 BLMO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9/12/2023 0:28	45902 AUBU_T1	0	0	0	0	0	0	-1.63	-1.74	2	2	0	1200	1200	0
9/12/2023 0:28	65604 QVIL_T2	0	0	0	0	0	0	0.76	0.77	0	0	0	0	0	0
9/12/2023 0:28	64301 LINC_T1	0	0	0	0	0	0	-0.19	-0.25	1	1	0	600	600	0
9/12/2023 0:28	62604 ENGL_T1	0	0	0	0	0	0	-3.79	-3.91	3	3	0	1800	1800	0
9/12/2023 0:28	48302 ORWI_T2	2	2	0	1.05	1	-0.05	-0.03	-0.03	0	0	0	0	0	0
9/12/2023 0:28	40103 HUNT_T2	84	89	5	0.37	0.39	0.02	-0.63	-0.62	0	0	0	0	0	0
9/12/2023 0:29	43402 BENT_T1	0	0	0	0	0	0	-0.92	-0.94	1	1	0	900	900	0
9/12/2023 1:19	43402 BENT_T1	0	0	0	0	0	0	-0.93	-0.91	1	1	0	900	900	0
9/12/2023 1:29	43402 BENT_T1	0	0	0	0	0	0	-0.93	-0.91	1	1	0	900	900	0
9/12/2023 2:19	43402 BENT_T1	0	0	0	0	0	0	-0.94	-0.94	1	1	0	900	900	0
9/12/2023 2:29	43402 BENT_T1	0	0	0	0	0	0	-0.94	-0.94	1	1	0	900	900	0
9/12/2023 3:19	43402 BENT_T1	0	0	0	0	0	0	-0.94	-0.95	1	1	0	900	900	0
9/12/2023 3:29	43402 BENT_T1	0	0	0	0	0	0	-0.94	-0.95	1	1	0	900	900	0
9/12/2023 4:19	43402 BENT_T1	0	0	0	0	0	0	-0.94	-0.93	1	1	0	900	900	0
9/12/2023 4:29	43402 BENT_T1	0	0	0	0	0	0	-0.94	-0.93	1	1	0	900	900	0
9/12/2023 4:59	43402 BENT_T1	0	0	0	0	0	0	-0.95	-0.95	1	1	0	900	900	0
9/12/2023 8:05	44203 POIN_T2	0	1	1	0	0	0	0.17	0.41	2	2	0	2100	2100	0
9/12/2023 8:11	45802 HEGI_T2	0	0	0	0	0	0	1.02	1.2	1	1	0	300	300	0
9/12/2023 8:15	58402 MORO_T1	0	0	0	0	0	0	-1.74	-1.82	3	3	0	2400	2400	0
9/12/2023 8:17	54701 NEBL_T1	0	0	0	0	0	0	0	0	1	1	0	600	600	0
9/12/2023 8:17	58402 MORO_T1	0	0	0	0	0	0	-1.74	-1.82	3	3	0	2400	2400	0
9/12/2023 8:37	13901 SEID_T1	0	0	0	0	0	0	0.35	0.36	0	0	0	0	0	0
9/12/2023 8:39	59101 WALK_T2	1	1	0	0	0	0	2.42	2.4	0	0	0	0	0	0
9/12/2023 8:39	53601 DALM_T2	1	2	1	1.2	1.5	0.3	-0.42	-0.46	1	1	0	900	900	0
9/12/2023 8:47	42902 MIDD_T2	0	0	0	0	0	0	-0.52	-0.49	2	2	0	1200	1200	0
9/12/2023 9:01	40103 HUNT_T2	0	0	0	0	0	0	-0.45	-0.33	0	0	0	0	0	0
9/12/2023 9:02	58402 MORO_T1	0	0	0	0	0	0	-1.77	-1.74	3	3	0	2400	2400	0
9/12/2023 9:09	26603 BROO_T1	0	0	0	0	0	0	0.18	0.14	0	0	0	0	0	0
9/12/2023 9:11	26603 BROO_T1	0	0	0	0	0	0	0.18	0.14	0	0	0	0	0	0
9/12/2023 9:13	14403 SSLA_T1	0	0	0	0	0	0	1.01	1.13	0	0	0	0	0	0
9/12/2023 9:16	15603 NSTR_T2	0	0	0	0	0	0	-0.57	-0.56	0	0	0	0	0	0
9/12/2023 9:22	59101 WALK_T2	1	1	0	0	0	0	2.36	2.11	0	0	0	0	0	0
9/12/2023 9:24	59102 WALK_T2	1	3	2	0.2	0.33	0.13	0	0	0	0	0	0	0	0
9/12/2023 9:32	48302 ORWI_T2	2	2	0	0.55	0.75	0.2	0.23	0.24	0	0	0	0	0	0
9/12/2023 9:33	13503 MCMI_T2	0	0	0	0	0	0	-0.01	-0.01	0	0	0	0	0	0
9/12/2023 9:33	43202 MVIL_T2	0	0	0	0	0	0	-0.56	-0.56	0	0	0	0	0	0
9/12/2023 9:36	59101 WALK_T2	1	1	0	0	0	0	2.11	2.06	0	0	0	0	0	0
9/12/2023 9:42	56802 BENV_T2	6	8	5	1.5	0.4	-1.1	-1.25	-1.24	0	0	0	0	0	0
9/12/2023 9:46	54701 NEBL_T1	0	0	0	0	0	0	0	0	1	1	0	600	600	0
9/12/2023 9:49	40901 JESH_T1	1	1	0	0.1	0	-0.1	0	0	0	0	0	0	0	0
9/12/2023 9:51	41901 REED_T1	0	0	0	0	0	0	-1.05	-1.04	1	1	0	900	900	0
9/12/2023 9:52	15001 BLMO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9/12/2023 9:53	20403 ASHF_T2	2	2	0	0.35	0	-0.35	1.58	1.43	0	0	0	0	0	0
9/12/2023 9:55	45902 AUBU_T1	0	0	0	0	0	0	-0.22	-0.22	1	1	0	600	600	0
9/12/2023 9:55	53501 EVIL_T2	1	2	1	0.2	0.2	0	-1.37	-2.64	9	9	0	5400	5400	0
9/12/2023 9:57	23401 HONE_T2	0	0	0	0	0	0	-0.11	-0.08	0	0	0	0	0	0
9/12/2023 10:00	52503 PROG_T2	0	0	0	0	0	0	-0.46	-0.45	1	1	0	900	900	0
9/12/2023 10:00	10602 BLGI_T2	1	1	0	8.9	8.7	-0.2	1.36	1.42	0	0	0	0	0	0
9/12/2023 10:00	48302 ORWI_T2	2	2	0	0.65	0.6	-0.05	0.26	0.3	0	0	0	0	0	0
9/12/2023 10:00	40901 JESH_T1	0	0	0	0	0	0	-0.5	-0.65	2	2	0	1200	1200	0
9/12/2023 10:00	66505 SMAN_T2	0	0	0	0	0	0	0.81	0.92	2	2	0	1500	1500	0
9/12/2023 10:00	56601 HAMP_T1	0	0	0	0	0	0	-0.07	-0.04	0	0	0	0	0	0
9/12/2023 10:00	53901 HALI_T2	2	2	0	0.2	0.15	-0.05	0	0	0	0	0	0	0	0
9/12/2023 10:00	12604 MACA_T1	0	0	0	0	0	0	0.55	0.53	0	0	0	0	0	0
9/12/2023 10:00	64801 MONE_T2	0	6	6	0	0.1	0.1	0.49	0.52	0	0	0	0	0	0
9/12/2023 10:00	54701 NEBL_T1	0	0	0	0	0	0	0	0	2	2	0	1200	1200	0
9/12/2023 10:00	41901 REED_T1	0	0	0	0	0	0	-1.05	-1.04	1	1	0	900	900	0
9/12/2023 10:00	15001 BLMO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9/12/2023 10:00	59102 WALK_T2	1	1	0	0.1	0.2	0.1	0	0	0	0	0	0	0	0
9/12/2023 10:00	67604 WARW_T1	0	0	0	0	0	0	0.32	0.4	0	0	0	0	0	0
9/12/2023 10:00	15604 NSTR_T1	0	0	0	0	0	0	0	0.04	0	0	0	0	0	0
9/12/2023 10:00	20403 ASHF_T2	2	1	-1	0.2	0.2	0	0	0	0	0	0	0	0	0
9/12/2023 10:07	56802 BENV_T2	6	29	23	0.4	0.17	-0.23	-1.21	-0.5	0	0	0	0	0	0
9/12/2023 10:08	43301 WATS_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9/12/2023 10:08	53601 DALM_T2	1	1	0	0.2	0.5	0.3	-0.33	-0.47	1	1	0	900	900	0
9/12/2023 10:08	56802 BENV_T2	6	29	23	0.4	0.17	-0.23	-1.21	-0.5	0	0	0	0	0	0
9/12/2023 10:08	59102 WALK_T2	1	1	0	0.1	0.2	0.1	0	0	0	0	0	0	0	0
9/12/2023 10:08	45902 AUBU_T1	0	0	0	0	0	0	-0.22	-0.3	1	1	0	600	600	0
9/12/2023 10:09	40902 JESH_T1	0	0	0	0	0	0	-0.65	-0.7	2	2	0	1200	1200	0
9/12/2023 10:09	59102 WALK_T2	1	1	0	0.1	0.2	0.1	0	0	0	0	0	0	0	0
9/12/2023 10:09	56802 BENV_T2	6	29	23	0.4	0.17	-0.23	-1.21	-0.5	0	0	0	0	0	0
9/12/2023 10:09	45901 AUBU_T1	0	0	0	0	0	0	1.54	1.55	0	0	0	0	0	0
9/12/2023 10:09	20403 ASHF_T2	2	1	-1	0.2	0.2	0	1.43	1.68	0	0	0	0	0	0
9/12/2023 10:10	43304 WATS_T2	0	0	0	0	0	0	-0.95	-0.84	0	0	0	0	0	0
9/12/2023 10:10	45902 AUBU_T1	0	0	0	0	0	0	-0.22	-0.3	1	1	0	600	600	0
9/12/2023 10:10	53501 EVIL_T2	1	1	0	0.2	0.2	0	-1.76	-1.05	6	6	0	3600	3600	0
9/12/2023 10:10	56802 BENV_T2	6	29	23	0.4	0.17	-0.23	-1.21	-0.5	0	0	0	0	0	0
9/12/2023 10:10	49803 UNIV_T1	0	0	0	0	0	0	-0.83	-0.85	0	0	0	0	0	0
9/12/2023 10:11	24105 EHAZ_T1	4	4	0	5.68	5.6	-0.08	0	0	0	0	0	0	0	0
9/12/2023 10:11	53501 EVIL_T2	1	1	0	0.2	0.2	0	-0.88	-0.52	3	3	0	1800	1800	0
9/12/2023 10:11	56802 BENV_T2	6	29	23	0.4	0.17	-0.23	-1.21	-0.5	0	0	0	0	0	0
9/12/2023 10:12	45802 HEGI_T2	0	0	0	0	0	0	0.86	0.86	1	1	0	300	300	0
9/12/2023 10:12	56802 BENV_T2	6	29	23	0.4	0.17	-0.23	-1.21	-0.5	0	0	0	0	0	0
9/12/2023 10:13	28403 HART_T2	0	0

Appendix C - Grid Benefits Achieved in Each Instance of Active Management

9/12/2023 10:59	44801 EDAN_T2	1	1	0	0.7	0.1	-0.6	0	0	0	0	0	0	0
9/12/2023 11:02	64301 LINC_T1	0	0	0	0	0	0	-0.35	-0.35	1	1	0	600	600	0
9/12/2023 11:02	52004 LING_T2	0	2	2	0	0.15	0.15	0.49	0.55	0	0	0	0	0	0
9/12/2023 11:02	58402 MORO_T1	0	0	0	0	0	0	-1.58	-1.73	3	3	0	2400	2400	0
9/12/2023 11:03	58402 MORO_T1	0	0	0	0	0	0	-1.58	-1.73	3	3	0	2400	2400	0
9/12/2023 11:05	58402 MORO_T1	0	0	0	0	0	0	-1.73	-1.64	3	3	0	2400	2400	0
9/12/2023 11:06	43301 WATS_T2	0	7	7	0	0.19	0.19	0	0	0	0	0	0	0	0
9/12/2023 11:06	67503 WEWI_T2	0	0	0	0	0	0	0.1	0.15	0	0	0	0	0	0
9/12/2023 11:06	42601 TUSC_T1	6	6	0	1.97	1.56	-0.41	1.35	-0.05	3	3	0	2400	2400	0
9/12/2023 11:07	43301 WATS_T2	0	7	7	0	0.19	0.19	0	0	0	0	0	0	0	0
9/12/2023 11:07	45901 AUBU_T1	0	0	0	0	0	0	1.77	1.74	0	0	0	0	0	0
9/12/2023 11:07	55101 WERT_T1	0	0	0	0	0	0	-1.74	-1.63	4	4	0	3300	3300	0
9/12/2023 11:08	56801 BENV_T1	28	34	6	0.66	0.66	0	-0.59	-0.55	1	1	0	600	600	0
9/12/2023 11:08	44301 BEAV_T2	1	6	5	1.6	0.82	-0.78	0.59	0.42	2	2	0	1500	1500	0
9/12/2023 11:08	45902 AUBU_T1	0	0	0	0	0	0	-0.11	-0.29	1	1	0	600	600	0
9/12/2023 11:08	43304 WATS_T2	0	0	0	0	0	0	-1.13	-1.16	0	0	0	0	0	0
9/12/2023 11:08	42601 TUSC_T1	6	6	0	1.97	1.56	-0.41	1.35	-0.05	3	3	0	2400	2400	0
9/12/2023 11:08	55101 WERT_T1	0	0	0	0	0	0	-1.48	-1.26	8	8	0	6600	6600	0
9/12/2023 11:09	44301 BEAV_T2	1	6	5	1.6	0.82	-0.78	1.76	1.25	6	6	0	4500	4500	0
9/12/2023 11:09	56803 BENV_T1	1	2	1	0.3	0.1	-0.2	0	0	0	0	0	0	0	0
9/12/2023 11:09	43304 WATS_T2	0	0	0	0	0	0	-0.76	-0.77	0	0	0	0	0	0
9/12/2023 11:09	56802 BENV_T2	2	8	6	0.5	0.36	-0.14	-1.11	-1.03	0	0	0	0	0	0
9/12/2023 11:09	55101 WERT_T1	0	0	0	0	0	0	-1.74	-1.63	4	4	0	3300	3300	0
9/12/2023 11:10	56801 BENV_T1	28	34	6	0.66	0.66	0	-0.59	-0.55	1	1	0	600	600	0
9/12/2023 11:10	55101 WERT_T1	0	0	0	0	0	0	-1.74	-1.63	4	4	0	3300	3300	0
9/12/2023 11:11	56801 BENV_T1	28	34	6	0.66	0.66	0	-0.59	-0.55	1	1	0	600	600	0
9/12/2023 11:11	43304 WATS_T2	0	0	0	0	0	0	-0.38	-0.39	0	0	0	0	0	0
9/12/2023 11:19	65902 SAKR_T2	0	0	0	0	0	0	-0.2	-0.21	2	2	0	1200	1200	0
9/12/2023 11:21	56501 ROCK_T2	0	0	0	0	0	0	-1.19	-1.21	0	0	0	0	0	0
9/12/2023 11:21	59101 WALK_T2	3	2	-1	0.75	0.1	-0.65	2.14	2.04	1	0	-1	600	0	-600
9/12/2023 11:21	42201 SHEN_T2	1	1	0	0.3	1	0.7	-0.34	-0.35	2	2	0	1200	1200	0
9/12/2023 11:22	66703 STRA_T1	0	0	0	0	0	0	0.49	0.55	0	0	0	0	0	0
9/12/2023 11:22	59102 WALK_T2	1	0	-1	0.3	0	-0.3	0	0	0	0	0	0	0	0
9/12/2023 11:24	56803 BENV_T1	2	2	0	0.4	0.1	-0.3	0	0	0	0	0	0	0	0
9/12/2023 11:24	67503 WEWI_T2	0	0	0	0	0	0	0.15	0.18	0	0	0	0	0	0
9/12/2023 11:24	46203 DANV_T2	0	2	2	0	0.2	0.2	0.2	0.17	0	0	0	0	0	0
9/12/2023 11:25	56801 BENV_T1	30	29	-1	0.7	0.67	-0.03	-1.64	-1.52	3	3	0	1800	1800	0
9/12/2023 11:25	60101 COCA_T1	1	1	0	0.8	0.9	0.1	0.79	0.78	0	0	0	0	0	0
9/12/2023 11:26	56801 BENV_T1	30	29	-1	0.7	0.67	-0.03	-0.55	-0.51	1	1	0	600	600	0
9/12/2023 11:27	56803 BENV_T1	2	2	0	0.4	0.1	-0.3	0	0	0	0	0	0	0	0
9/12/2023 11:28	10805 CHHI_T2	6	11	5	0.48	0.45	-0.03	-0.46	-0.41	2	2	0	1800	1800	0
9/12/2023 11:29	42902 MIDD_T2	0	0	0	0	0	0	-0.16	-0.09	1	1	0	600	600	0
9/12/2023 11:30	42902 MIDD_T2	0	0	0	0	0	0	-0.32	-0.18	2	2	0	1200	1200	0
9/12/2023 11:31	54701 NEBL_T1	0	0	0	0	0	0	0	0	1	1	0	600	600	0
9/12/2023 11:31	58402 MORO_T1	0	0	0	0	0	0	-1.64	-1.7	3	3	0	2400	2400	0
9/12/2023 11:33	43202 MVIL_T2	0	0	0	0	0	0	-0.45	-0.49	0	0	0	0	0	0
9/12/2023 11:34	60101 COCA_T1	1	1	0	0.6	0.9	0.3	0.78	0.8	0	0	0	0	0	0
9/12/2023 11:34	48302 ORWI_T2	1	2	1	0.2	0.2	0	0.4	0.51	0	0	0	0	0	0
9/12/2023 11:34	40902 JESH_T1	0	0	0	0	0	0	-0.86	-0.92	4	4	0	2400	2400	0
9/12/2023 11:34	42902 MIDD_T2	0	0	0	0	0	0	-0.09	-0.21	1	1	0	600	600	0
9/12/2023 11:34	58402 MORO_T1	0	0	0	0	0	0	-1.7	-1.65	3	3	0	2400	2400	0
9/12/2023 11:35	58402 MORO_T1	0	0	0	0	0	0	-1.7	-1.65	3	3	0	2400	2400	0
9/12/2023 11:36	42802 SELI_T1	0	2	2	0	0.15	0.15	-0.27	-0.34	1	1	0	900	900	0
9/12/2023 11:36	59101 WALK_T2	1	3	2	0	0.3	0.3	2.04	2.04	0	1	1	0	600	600
9/12/2023 11:36	43301 WATS_T2	7	20	13	0.19	0.32	0.13	0	0	0	0	0	0	0	0
9/12/2023 11:36	48302 ORWI_T2	1	2	1	0.2	0.2	0	0.4	0.51	0	0	0	0	0	0
9/12/2023 11:37	42802 SELI_T1	0	2	2	0	0.15	0.15	-0.27	-0.34	1	1	0	900	900	0
9/12/2023 11:38	59101 WALK_T2	1	3	2	0	0.3	0.3	4.08	4.07	2	2	0	1200	1200	0
9/12/2023 11:38	66703 STRA_T1	0	0	0	0	0	0	0.55	0.53	0	0	0	0	0	0
9/12/2023 11:38	16302 ALPA_T2	0	0	0	0	0	0	-0.06	0.02	0	0	0	0	0	0
9/12/2023 11:38	56802 BENV_T2	4	2	-2	0.53	0.65	0.12	-2.13	-2.04	0	0	0	0	0	0
9/12/2023 11:39	20401 ASHF_T2	1	0	-1	0.2	0	-0.2	0	0	0	0	0	0	0	0
9/12/2023 11:39	43301 WATS_T2	7	20	13	0.19	0.32	0.13	0	0	0	0	0	0	0	0
9/12/2023 11:39	46001 BERW_T1	0	0	0	0	0	0	1.59	1.53	0	0	0	0	0	0
9/12/2023 11:39	49803 UNIV_T1	1	1	0	0.4	0.6	0.2	-0.77	-0.77	0	0	0	0	0	0
9/12/2023 11:39	10805 CHHI_T2	5	10	5	0.58	0.7	0.12	-0.41	-1	2	2	0	1800	1800	0
9/12/2023 11:39	56802 BENV_T2	4	2	-2	0.53	0.65	0.12	-1.07	-1.02	0	0	0	0	0	0
9/12/2023 11:40	56802 BENV_T2	4	2	-2	0.53	0.65	0.12	-2.13	-2.04	0	0	0	0	0	0
9/12/2023 11:40	56801 BENV_T1	29	11	-18	0.67	0.98	0.31	-2.03	-1.91	4	4	0	2400	2400	0
9/12/2023 11:40	28604 BLYT_T2	0	0	0	0	0	0	-1.18	-1.16	0	0	0	0	0	0
9/12/2023 11:40	43304 WATS_T2	0	0	0	0	0	0	-0.37	-0.38	0	0	0	0	0	0
9/12/2023 11:40	16302 ALPA_T2	0	0	0	0	0	0	-0.06	0.02	0	0	0	0	0	0
9/12/2023 11:41	56802 BENV_T2	4	2	-2	0.53	0.65	0.12	-1.07	-1.02	0	0	0	0	0	0
9/12/2023 11:41	56803 BENV_T1	1	1	0	0.1	0	-0.1	0	0	0	0	0	0	0	0
9/12/2023 11:41	43304 WATS_T2	0	0	0	0	0	0	-0.37	-0.38	0	0	0	0	0	0
9/12/2023 11:42	56801 BENV_T1	29	11	-18	0.67	0.98	0.31	-0.51	-0.48	1	1	0	600	600	0
9/12/2023 11:42	56802 BENV_T2	4	2	-2	0.53	0.65	0.12	-1.07	-1.02	0	0	0	0	0	0
9/12/2023 11:43	40101 HUNT_T2	0	0	0	0	0	0	-0.57	-0.51	0	0	0	0	0	0
9/12/2023 11:43	28403 HART_T2	0	0	0	0	0	0	-0.62	-0.58	1	1	0	900	900	0
9/12/2023 11:46	52402 GRPA_T2	8	6	-2	0.63	0.6	-0.03	0	0	0	0	0	0	0	0
9/12/2023 11:46	45003 LIME_2	1	1	0	1.8	2.2	0.4	0	0	1	1	0	1200	1200	0
9/12/2023 11:47	54701 NEBL_T1	0	0	0	0	0	0	0	0	1	1	0	600	600	0
9/12/2023 11:47	45802 HEGI_T2	0	0	0	0	0	0	0.73	0.42	1	1	0	300	300	0
9/12/2023 11:47	23401 HONE_T2	0	0	0	0	0	0	0.07	0.04	0	0	0	0	0	0
9/12/2023 11:48	61404 SLIT_T1	0	0	0	0	0	0	-0.79	-0.71	0	0	0	0	0	0
9/12/2023 11:49	43202 MVIL_T2	0	0	0	0	0	0	-0.49	-0.47	0	0	0	0	0	0
9/12/2023 11:49	52502 PROG_T2	0	0	0	0	0	0	-0.25	-0.19	1	1	0	900	900	0
9/12/2023 11:50	65902 SAKR_T2	0	0	0	0	0	0	-0.23	-0.21	2	2	0	1200	1200	0
9/12/2023 11:51	44904 SCOT_T1	4	4	0	0.1	0	-0.1	1.06	1.08	0	0	0	0	0	0
9/12/2023 11:53	29402 BELT_T1	1	26	25	0.2	0.37	0.17	0	0	0	0	0	0	0	0
9/12/2023 11:53	42201 SHEN_T2	1	1	0	1	0.8	-0.2	-0.66	-0.69	4	4	0	2400	2400	0
9/12/2023 11:53	44302 BEAV_T2	0	3	3	0	0.2	0.2	0	0	0	0	0	0	0	0
9/12/2023 11:53	56802 BENV_T2	1	2	1	1	0.65	-0.35	-2.04	-1.9	0	0	0	0	0	0
9/12/2023 11:55	56802 BENV_T2	1	2	1	1	0.65	-0.35	-2.04	-1.9	0	0	0	0	0	0
9/12/2023 11:55	60101 COCA_T1	1	1	0	0.9	0.9	0	0.8	0.75	0	0	0	0	0	0
9/12/2023 11:55	56801 BENV_T1	11	9	-2	0.98	0.51	-0.47	-0.48	-0.49	1	1	0	600	600	0
9/12/2023 11:55	29402 BELT_T1	1	26	25	0.2	0.37	0.17	0	0	0	0	0	0	0	0
9/12/2023 11:55	62604 ENGL_T1	0	0	0	0	0	0	-0.91	-0.84	1	1	0	600	600	0
9/12/2023 11:55	49804 UNIV_T1	0	1	1	0	0.3	0.3	0	0	0	0	0	0	0	0
9/12/2023 11:55	56803 BENV_T1	1	2	1	0.4	0	-0.4	0.29	0.36	0	0	0	0	0	0
9/12/2023 11:55	29402 BELT_T1	1	26	25	0.2	0.37	0.17	0	0	0	0	0	0	0	0
9/12/2023 11:56	29401 BELT_T1	0	1	1	0	0.3	0.3	0	0	0	0	0	0	0	0
9/12/2023 11:56	44302 BEAV_T2	0	3	3	0	0.2	0.2	0	0	0	0	0	0	0	0
9/12/2023 11:56	62604 ENGL_T1	0	0	0	0	0	0	-1.81	-1.68	2	2	0	1200	1200	0
9/12/2023 11:56	60101 COCA_T1	1	1	0	0.9	0.9	0	0.8	0.75	0	0	0	0	0	0
9/12/2023 11:56	56802 BENV_T2	1	2	1	1	0.65	-0.35	-2.04	-1.9	0	0	0	0	0	0
9/12/2023 11:56	56803 BENV_T1	1	2	1	0.4	0	-0.4	0	0	0	0	0	0	0	0
9/12/2023 11:57	56803 BENV_T1	1	2	1	0.4	0	-0.4	0	0	0	0	0	0	0	0
9/12/2023 11:57	56802 BENV_T2	1	2	1	1	0.65	-0.35	-2.04	-1.9	0	0	0	0	0	0
9/12/2023 11:57	62604 ENGL_T1	0	0	0	0	0	0	-0.91	-0.84	1	1	0	600	600	0
9/12/2023 11:58	56803 BENV_T1	1	2	1	0.4	0	-0.4	0	0	0	0	0	0	0	0
9/12/2023 11:59	62604 ENGL_T1	0	0	0	0	0	0	-0.91	-0.84	1	1	0	600	600	0
9/12/2023 12:00	42902 MIDD_T2	0	0	0	0	0	0	-0.21	-0.23	1	1	0	600	600	0
9/12/2023 12:01	42902 MIDD_T2	0	0	0	0	0	0	-0.62	-0.68	3	3	0	1800	1800	0
9/12/2023 12:02	54701 NEBL_T1	0	0	0	0	0	0	0	0	1	1	0	600	600	0
9/12/2023 12:02	52403 GRPA_T2	6	8	2	0.63	0.39	-0.24	-0.15	-0.17	0	0	0	0	0	0
9/12/2023 12:02	45003 LIME_2	1	1	0	1.6	2.4	0.8	0	0	1	1	0	1200	1200	0
9/12/2023 12:06	65902 SAKR_T2	0	0	0	0	0	0	-0.21	-0.21	2	2	0	1200	1200	0
9/12/2023 12:06	52502 PROG_T2	0	0	0	0	0	0	-0.19	-0.13	1	1	0	900	900	0
9/12/2023 12:10	56801 BENV_T1	9	13	4	0.51	0.42	-0.09	0	0	0	0	0	0	0	0
9/12/2023 12:10	10805 CHHI_T2	2	2	0	5	4.85	-0.15	-1.16	-1.05	2	2	0	1800	1800	0
9/12/2023 12:11	49803 UNIV_T1	1	1	0	0.6	1.5	0.9	-0.76	-0.74	0	0	0	0	0	0
9/12/2023 12:11	56801 BENV_T1	9	13	4	0.51	0.42	-0.09	-0.49	-0.41	1	1	0	600	600	0
9/12/2023 12:12	56803 BENV_T1	0	3	3	0	1.65	1.65	0	0	0	0	0	0	0	0
9/12/2023 12:13	56803 BENV_T1	0	3	3	0	1.65	1.65	0	0	0	0	0	0	0	0
9/12/2023 12:14	56803 BENV_T1	0	3	3	0	1.65	1.65	0	0	0	0	0	0	0	0
9/12/2023 12:14	47101 MARL_T1	0	0	0	0	0	0	0	0	1	1	0	600	600	0
9/12/2023 12:17	52402 GRPA_T2	1	3	2	2.1	1.65	-0.45	0	0	0	0	0	0	0	0
9/12/2023 12:17	45003 LIME_2	1	1	0	2.2	2.4	0.2	0	0	1	1	0	1200	1200	0
9/12/2023 12:20	59102 WALK_T2	1	0	-1	0.5	0	-0.5	0	0	0	0	0	0	0	0
9/12/2023 12:21	40901 JESH_T1	1	1	0	0.8	0.3	-0.5	0	0	0	0	0	0	0	0
9/12/2023 12:22	40902 JESH_T1	0	0	0	0	0	0	-0.36	-0.28	2	2	0	1200	1200	0
9/12/2023 12:22	59102 WALK_T2	1	0	-1	0.5	0	-0.5	0	0	0	0	0	0	0	0
9/12/2023 12:25	59101 WALK_T2	4	5	1	0.6	0.2	-0.4	4.62	4.96	0	2	2	0	1200	1200
9/12/2023 12:28	45003 LIME_2	1	1	0	2.2	2.4	0.2	0	0	1	1	0	1200	1200	0
9/12/2023 12:30	45003 LIME_2	1	1	0	2.4	2	-0.4	0	0	1	1	0	1200	1200	0
9/12/2023 12:35	66703 STRA_T1	2	0	-2	0.1	0	-0.1	0.66	0.77	0	0	0	0	0	0
9/12/2023 12:43	11102 EGYP_T1	8	4	-4	0.95	1.1	0.15	0	0	0	0	0	0	0	0
9/12/2023 12:44	52403 GRPA_T2	7	4	-3	0.44	0.3	-0.14	-0.13	-0.11	0	0	0	0	0	0
9/12/2023 12:47	43201 MVIL_T2	0	1	1	0	0	0	0	0	0	0	0	0	0	0
9/12/2023 12:48	48303 ORWI_T2	0	1	1	0	0	0	0	0	0	0	0	0	0	0
9/12/2023 13:04	65902 SAKR_T2	0	0	0	0	0	0	-0.13	-0.11	2	2	0	1200	1200	0
9/12/2023 13:06	42201 SHEN_T2	1	1	0	0.4	0.7	0.3	-0.31	-0.23	2	2	0	1200	1200	0
9/12/2023 13:07	66703 STRA_T1	0	0	0	0	0	0	0.77	-0.38	0	0	0	0	0	0
9/12/2023 13:10	56803 BENV_T1	3	5	2	0.77	0.35	-0.42	0	0	0	0	0	0	0	0
9/12/2023 13:19	65902 SAKR_T2	0	0	0	0	0	0	-0.11	-0.15	2	2	0	1200	1200	0
9/12/2023 13:20	44904 SCOT_T1	0	0	0	0	0	0	1.18	1.13	0	0	0	0	0	0
9/12/2023 13:23	42204 SHEN_T2	0	1	1	0	0	0	0	0	0	0	0	0	0	0
9/12/2023 13:25	20403 ASHF_T2	7	9	2	0.47	0.55	0.08	1.71	1.74	0	0	0	0	0	0
9/12/2023 13:34	56501 ROCK_T2	0	0	0	0	0	0	-1.02	-1	0	0	0	0	0	0
9/12/2023 13:38	43301 WATS_T2	0	1	1	0	0.4	0.4	0	0	0	0	0	0	0	0
9/12/2023 13:45	58402 MORO_T1	0	0	0	0	0	0	-1.49	-1.44	3	3	0	2400	2400	0
9/12/2023 13:46	58402 MORO_T1	0	0	0	0	0	0	-1.49	-1.44	3	3	0	2400	2400	0
9/12/2023 13:47	54701 NEBL_T1	0	0	0	0	0	0	0	0	1	1	0	600	600	0
9/12/2023 13:49	11102 EGYP_T1	1	2	1	0.4	0.45	0.05	0	0	0	0	0	0	0	0
9/12/2023 13:50	65901 SAKR_T2	0	0	0	0	0	0	-0.04	-0.02	2	2	0	1500	1500	0
9/12/2023 13:53	42201 SHEN_T2	1	1	0	1	0.9	-0.1	-0.24	-0.23	2	2	0	1200	1200	0
9/12/2023 13:53	44301 BEAV_T2	4	6	2	0.7	0.64	-0.06	0.8	0.49	2	2	0	1500	1500	0
9/12/2023 13:54	56802 BENV_T2	2	2	0	0.55	1	0.45	-0.8	-0.83	0	0	0	0	0	0
9/12/2023 13:55	56802 BENV_T2	2	2	0	0.55	1	0.45	-0.8	-0.83	0	0	0	0	0	0
9/12/2023 13:56	29402 BELT_T1	2	8	6	0.35	0.46	0.11	0	0	0	0	0	0	0	0
9/12/2023 13:56	44301 BEAV_T2	4	6	2	0.7	0.64	-0.06	0.8	0.49	2	2	0	1500	1500	0
9/12/2023 13:57	56802 BENV_T2	2	2	0	0.55	1	0.45	-4.02	-4.16	0	0	0	0	0	0
9/12/2023 13:57	44301 BEAV_T2	4	6	2	0.7	0.64	-0.06	0.8	0.49	2	2	0	1500	1500	0
9/12/2023 13:57	56803 BENV_T1	5	6	1	0.46	0.74	0.28	0	0	0	0	0	0	0	0
9/12/2023 13:57	29402 BELT_T1	2	8	6	0.35	0.46	0.11	0	0	0	0	0	0	0	0
9/12/2023 14:10	62601 ENGL_T1	0	1	1	0	0	0	0	0	0	0	0	0	0	0
9/12/2023 14:11	56803 BENV_T1	5	6	1	0.94	0.95	0.01	0.42	0.5	0	0	0	0	0	0
9/12/2023 14:12	62601 ENGL_T1	0	1	1	0	0	0	0	0	0	0	0	0	0	0
9/12/2023 14:13	62604 ENGL_T1	0	0	0	0	0	0	-0.77	-0.67	1	1	0	600	600	0
9/12/2023 14:14	45802 HEGI_T2	0	1	1	0	0	0	0.72	0.8	2	2	0	1200	1200	0
9/12/2023 14:15	46506 LOHA_T1	0	0	0	0	0	0	-0.14	-0.12	0	0	0	0	0	0
9/12/2023 14:15	28403 HART_T2	0	0	0	0	0	0	-0.45	-0.45	1	1	0	900	900	0
9/12/2023 14:17	44301 BEAV_T2	5	4	-1	0.64	0.53	-0.11	0.49	0.32	2	2	0	1500	1500	0
9/12/2023 14:18	52403 GRPA_T2	6	5	-1	0.4	0.77	0.37	-0.07	-0.07	0	0	0	0	0	0
9/12/2023 14:18	52502 PROG_T2	0	0	0	0	0	0	0.03	0.04	1	1	0	900	900	0
9/12/2023 14:18	47403 PENS_T1	4	5	1	1	0.86	-0.14	0	0	0	0	0	0	0	0
9/12/2023 14:19	47401 PENS_T1	0	0	0

Appendix C - Grid Benefits Achieved in Each Instance of Active Management

9/12/2023 14:35	52401 GRPA_T2	0	0	0	0	0	0	-0.32	-0.29	0	0	0	0	0	0
9/12/2023 14:35	58402 MORO_T1	0	0	0	0	0	0	-1.4	-1.43	3	3	0	2400	2400	0
9/12/2023 14:36	59101 WALK_T2	3	4	1	0.35	0.25	-0.1	5.91	5.56	3	3	0	1800	1800	0
9/12/2023 14:36	56501 ROCK_T2	1	0	-1	0.2	0	-0.2	0	0	0	0	0	0	0	0
9/12/2023 14:37	16302 ALPA_T2	0	0	0	0	0	0	0.15	0.11	0	0	0	0	0	0
9/12/2023 14:37	52403 GRPA_T2	5	2	-3	0.76	0.6	-0.16	-0.06	-0.04	0	0	0	0	0	0
9/12/2023 14:37	29401 BELT_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9/12/2023 14:37	59101 WALK_T2	3	4	1	0.35	0.25	-0.1	1.97	1.85	1	1	0	600	600	0
9/12/2023 14:38	40902 JESH_T1	0	0	0	0	0	0	-0.6	-1.24	2	2	0	1200	1200	0
9/12/2023 14:38	43304 WATS_T2	0	0	0	0	0	0	-0.36	-0.3	0	0	0	0	0	0
9/12/2023 14:38	16302 ALPA_T2	0	0	0	0	0	0	0.15	0.11	0	0	0	0	0	0
9/12/2023 14:38	65902 SARR_T2	0	0	0	0	0	0	-0.13	-0.11	2	2	0	1200	1200	0
9/12/2023 14:39	49803 UNIV_T1	1	1	0	0.6	0.6	0	0	0	0	0	0	0	0	0
9/12/2023 14:39	29402 BELT_T1	3	3	0	0.23	0.25	0.02	0	0	0	0	0	0	0	0
9/12/2023 14:39	59101 WALK_T2	3	4	1	0.35	0.25	-0.1	1.97	1.85	1	1	0	600	600	0
9/12/2023 14:39	59202 THOM_T1	0	1	1	0	0	0	0	0	0	0	0	0	0	0
9/12/2023 14:39	56802 BENV_T2	2	2	0	0.75	0.9	0.15	-1.71	-1.69	0	0	0	0	0	0
9/12/2023 14:40	28604 BLYT_T2	0	0	0	0	0	0	-1.03	-1.02	0	0	0	0	0	0
9/12/2023 14:41	65901 SARR_T2	0	0	0	0	0	0	-0.01	-0.05	2	2	0	1500	1500	0
9/12/2023 14:41	29401 BELT_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9/12/2023 14:42	56803 BENV_T1	6	3	-3	1.03	1.1	0.07	0.51	0.47	0	0	0	0	0	0
9/12/2023 14:42	56802 BENV_T2	2	2	0	0.75	0.9	0.15	-1.71	-1.69	0	0	0	0	0	0
9/12/2023 14:42	10805 CHHI_T2	13	12	-1	1.28	1.38	0.1	-1.02	-0.98	2	2	0	1800	1800	0
9/12/2023 14:42	23401 HONE_T2	0	0	0	0	0	0	0.17	0.14	0	0	0	0	0	0
9/12/2023 14:43	63401 HONY_T1	0	0	0	0	0	0	0.59	0.45	1	1	0	600	600	0
9/12/2023 14:43	29402 BELT_T1	3	3	0	0.23	0.25	0.02	0	0	0	0	0	0	0	0
9/12/2023 14:43	20401 ASHF_T2	0	2	2	0	0.15	0.15	0	0	0	0	0	0	0	0
9/12/2023 14:44	59302 MCAL_T1	2	2	0	0.25	0.4	0.15	0	0	0	0	0	0	0	0
9/12/2023 14:45	47101 MARL_T1	0	4	4	0	0	0	0	0	1	1	0	600	600	0
9/12/2023 14:45	45802 HEGI_T2	0	2	2	0	0	0	0.51	0.77	2	2	0	1200	1200	0
9/12/2023 14:47	28403 HART_T2	0	0	0	0	0	0	-0.45	-0.46	1	1	0	900	900	0
9/12/2023 14:47	59302 MCAL_T1	2	6	4	0.4	0.6	0.2	0	0	0	0	0	0	0	0
9/12/2023 14:48	59302 MCAL_T1	2	6	4	0.4	0.6	0.2	0	0	0	0	0	0	0	0
9/12/2023 14:48	48302 ORWI_T2	1	1	0	0.3	0.2	-0.1	0.57	0.56	0	0	0	0	0	0
9/12/2023 14:48	42902 MIDD_T2	1	7	6	1.2	1.35	0.15	0	-0.04	1	1	0	600	600	0
9/12/2023 14:49	44905 SCOT_T1	0	1	1	0	0	0	0	0	0	0	0	0	0	0
9/12/2023 14:50	48302 ORWI_T2	1	1	0	0.3	0.2	-0.1	0.56	0.54	0	0	0	0	0	0
9/12/2023 14:51	60803 BUCK_T1	1	1	0	0.2	0.1	-0.1	-0.72	-0.69	1	1	0	600	600	0
9/12/2023 14:51	54701 NEBL_T1	0	0	0	0	0	0	0	0	1	1	0	600	600	0
9/12/2023 14:52	42201 SHEN_T2	1	2	1	1.4	0.8	-0.6	-0.2	-0.2	2	2	0	1200	1200	0
9/12/2023 14:54	40901 JESH_T1	1	1	0	0.8	0.4	-0.4	0	0	0	0	0	0	0	0
9/12/2023 14:54	45902 AUBU_T1	0	0	0	0	0	0	-0.22	-0.32	1	1	0	600	600	0
9/12/2023 14:54	45902 AUBU_T1	0	0	0	0	0	0	-0.22	-0.32	1	1	0	600	600	0
9/12/2023 14:54	56802 BENV_T2	2	2	0	0.9	0.65	-0.25	-0.85	-0.85	0	0	0	0	0	0
9/12/2023 14:55	56802 BENV_T2	2	2	0	0.9	0.65	-0.25	-0.85	-0.85	0	0	0	0	0	0
9/12/2023 14:55	62604 ENGL_T1	0	0	0	0	0	0	-0.68	-0.61	1	1	0	600	600	0
9/12/2023 14:56	60801 BUCK_T1	61	63	2	0.75	0.71	-0.04	0	0	0	0	0	0	0	0
9/12/2023 14:57	56802 BENV_T2	2	2	0	0.9	0.65	-0.25	-0.85	-0.85	0	0	0	0	0	0
9/12/2023 14:57	62604 ENGL_T1	0	0	0	0	0	0	-0.68	-0.61	1	1	0	600	600	0
9/12/2023 14:58	62604 ENGL_T1	0	0	0	0	0	0	-0.68	-0.61	1	1	0	600	600	0
9/12/2023 14:59	49803 UNIV_T1	1	1	0	0.6	1.1	0.5	-0.54	-0.5	0	0	0	0	0	0
9/12/2023 14:59	62604 ENGL_T1	0	0	0	0	0	0	-1.35	-1.23	2	2	0	1200	1200	0
9/12/2023 15:09	56803 BENV_T1	2	4	2	1.1	0.93	-0.17	0.45	0.45	0	0	0	0	0	0
9/12/2023 15:09	29402 BELT_T1	1	1	0	0.2	0.2	0	0	0	0	0	0	0	0	0
9/12/2023 15:10	29402 BELT_T1	1	1	0	0.2	0.2	0	0	0	0	0	0	0	0	0
9/12/2023 15:21	59101 WALK_T2	2	1	-1	0.3	0	-0.3	1.27	1.91	1	2	1	600	1050	450
9/12/2023 15:25	56801 BENV_T1	1	1	0	0.5	0.2	-0.3	0	0	0	0	0	0	0	0
9/12/2023 15:37	52403 GRPA_T2	1	1	0	0.1	0	-0.1	-0.01	0.01	0	0	0	0	0	0
9/12/2023 15:41	59101 WALK_T2	1	1	0	0	0	0	1.91	1.89	1	1	0	450	450	0
9/12/2023 15:44	44502 HAMI_T2	1	1	0	1.6	1.5	-0.1	0.66	0.68	0	0	0	0	0	0
9/12/2023 15:48	52401 GRPA_T2	1	1	0	0.9	0.3	-0.6	0	0	0	0	0	0	0	0
9/12/2023 15:57	56803 BENV_T1	3	2	-1	1.07	0.6	-0.47	-0.07	-0.08	1	1	0	600	600	0
9/12/2023 16:01	40101 HUNT_T2	50	98	48	0.35	0.43	0.08	0.03	0	0	0	0	0	0	0
9/12/2023 16:06	42201 SHEN_T2	0	0	0	0	0	0	0.47	0.46	1	1	0	600	600	0
9/12/2023 16:09	26603 BROO_T1	0	0	0	0	0	0	0.28	0.28	0	0	0	0	0	0
9/12/2023 16:11	26603 BROO_T1	0	0	0	0	0	0	0.28	0.28	0	0	0	0	0	0
9/12/2023 16:20	52402 GRPA_T2	1	3	2	2.5	1.8	-0.7	0	0	0	0	0	0	0	0
9/12/2023 16:22	52401 GRPA_T2	1	2	1	0.6	1.1	0.5	0	0	0	0	0	0	0	0
9/12/2023 16:35	54701 NEBL_T1	0	0	0	0	0	0	0	0	1	1	0	600	600	0
9/12/2023 16:47	64101 REFR_T1	3	5	2	6	6.13	0.13	-0.12	-0.1	0	0	0	0	0	0
9/12/2023 17:06	52403 GRPA_T2	5	8	3	0.62	0.63	0.01	0	0	0	0	0	0	0	0
9/12/2023 17:07	52402 GRPA_T2	1	1	0	2.5	2.6	0.1	0	0	0	0	0	0	0	0
9/12/2023 17:12	46801 HEPB_T2	2	3	1	0.95	0.73	-0.22	0.3	0.31	0	0	0	0	0	0
9/12/2023 17:17	45003 LIME_2	1	3	2	1.8	2.6	0.8	0	0	1	1	0	1200	1200	0
9/12/2023 17:17	54701 NEBL_T1	0	0	0	0	0	0	0	0	1	1	0	600	600	0
9/12/2023 17:32	52403 GRPA_T2	4	16	12	1.13	0.78	-0.35	-0.13	-0.15	0	0	0	0	0	0
9/12/2023 17:33	54701 NEBL_T1	0	0	0	0	0	0	0	0	1	1	0	600	600	0
9/12/2023 17:49	54701 NEBL_T1	0	1	1	0	0.1	0.1	0	0	1	1	0	600	600	0
9/12/2023 17:58	43401 BENT_T1	2	1	-1	0.55	0	-0.55	0	0	0	0	0	0	0	0
9/12/2023 20:22	43304 WATS_T2	16	1	-15	0.41	0.1	-0.31	0	0	0	0	0	0	0	0
9/13/2023 0:28	29402 BELT_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9/13/2023 0:28	28403 HART_T2	0	0	0	0	0	0	-0.35	-0.35	1	1	0	900	900	0
9/13/2023 0:28	17805 GILB_T2	0	0	0	0	0	0	-0.29	-0.29	0	0	0	0	0	0
9/13/2023 0:28	24105 EHAZ_T1	4	4	0	5.8	5.93	0.13	0	0	0	0	0	0	0	0
9/13/2023 0:28	59202 THOM_T1	0	1	1	0	0.1	0.1	0	0	0	0	0	0	0	0
9/13/2023 0:28	42601 TUSC_T1	1	1	0	2.8	3	0.2	0.9	0.9	4	4	0	3600	3600	0
9/13/2023 0:28	44502 HAMI_T2	1	1	0	3.1	3.2	0.1	0.62	0.62	0	0	0	0	0	0
9/13/2023 0:28	44201 POIN_T1	0	0	0	0	0	0	-1.54	-1.54	2	2	0	2100	2100	0
9/13/2023 0:28	52403 GRPA_T2	0	0	0	0	0	0	0.9	0.9	0	0	0	0	0	0
9/13/2023 0:28	67503 WEWI_T2	0	0	0	0	0	0	1.11	1.11	0	0	0	0	0	0
9/13/2023 0:28	42903 MIDD_T2	2	2	0	2.05	2.4	0.35	0	0	0	0	0	0	0	0
9/13/2023 0:28	29401 BELT_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9/13/2023 0:28	56801 BENV_T1	11	14	3	0.75	0.91	0.16	-1.05	-1.05	7	7	0	4200	4200	0
9/13/2023 0:28	46506 LOHA_T1	0	1	1	0	0.1	0.1	-0.15	-0.15	0	0	0	0	0	0
9/13/2023 0:28	45901 AUBU_T1	0	0	0	0	0	0	4.76	4.76	0	0	0	0	0	0
9/13/2023 0:28	42201 SHEN_T2	0	0	0	0	0	0	0.72	0.72	2	2	0	1200	1200	0
9/13/2023 0:28	45001 LIME_2	11	27	16	0.12	0.33	0.21	0	0	0	0	0	0	0	0
9/13/2023 0:28	49804 UNIV_T1	0	1	1	0	0.3	0.3	1.12	1.12	0	0	0	0	0	0
9/13/2023 0:28	62604 ENGL_T1	0	0	0	0	0	0	-3.04	-3.04	4	4	0	2400	2400	0
9/13/2023 0:28	53501 EVIL_T2	5	0	-5	0.28	0	-0.28	-1.88	-1.88	6	6	0	3600	3600	0
9/13/2023 0:28	56802 BENV_T2	1	1	0	0.4	0.7	0.3	-0.88	-0.88	0	0	0	0	0	0
9/13/2023 0:28	40902 JESH_T1	0	0	0	0	0	0	-2.06	-2.06	2	2	0	1200	1200	0
9/13/2023 0:28	40101 HUNT_T2	8	16	8	0.4	0.28	-0.12	-2.22	-2.22	0	0	0	0	0	0
9/13/2023 0:28	44801 EDAN_T2	1	1	0	1.6	0.6	-1	0	0	0	0	0	0	0	0
9/13/2023 0:28	17803 GILB_T2	1	0	-1	0.2	0	-0.2	0	0	0	0	0	0	0	0
9/13/2023 0:28	52403 GRPA_T2	0	0	0	0	0	0	0.9	0.9	0	0	0	0	0	0
9/13/2023 0:28	28604 BLYT_T2	0	0	0	0	0	0	-0.97	-0.97	0	0	0	0	0	0
9/13/2023 0:28	54701 NEBL_T1	0	0	0	0	0	0	0	0	1	1	0	600	600	0
9/13/2023 0:28	56803 BENV_T1	0	0	0	0	0	0	-0.38	-0.38	2	2	0	1200	1200	0
9/13/2023 0:28	53601 DALM_T2	1	1	0	0.5	0.8	0.3	-0.34	-0.34	1	1	0	600	600	0
9/13/2023 0:28	12701 MACU_T1	0	0	0	0	0	0	-2.22	-2.22	3	3	0	3600	3600	0
9/13/2023 0:28	16302 ALPA_T2	0	0	0	0	0	0	0.1	0.1	0	0	0	0	0	0
9/13/2023 0:28	65901 SARR_T2	0	0	0	0	0	0	-0.08	-0.08	2	2	0	1500	1500	0
9/13/2023 0:28	65901 SARR_T2	0	0	0	0	0	0	-0.08	-0.08	2	2	0	1500	1500	0
9/13/2023 0:28	61404 SLIT_T1	0	0	0	0	0	0	-0.54	-0.54	0	0	0	0	0	0
9/13/2023 0:28	46801 HEPB_T2	0	2	2	0	0.2	0.2	0.26	0.26	0	0	0	0	0	0
9/13/2023 0:28	43304 WATS_T2	0	0	0	0	0	0	-1.46	-1.46	0	0	0	0	0	0
9/13/2023 0:28	23401 HONE_T2	0	1	1	0	0.1	0.1	0.1	0.1	0	0	0	0	0	0
9/13/2023 0:28	45802 HEGI_T2	1	2	1	0.3	0.3	0	0.82	0.82	1	1	0	300	300	0
9/13/2023 0:28	13901 SEID_T1	0	0	0	0	0	0	-0.34	-0.34	1	1	0	1200	1200	0
9/13/2023 0:28	20403 ASHF_T2	0	0	0	0	0	0	0.96	0.96	0	0	0	0	0	0
9/13/2023 0:28	44601 SALE_T2	0	0	0	0	0	0	0.66	0.66	1	1	0	600	600	0
9/13/2023 0:28	44904 SCOT_T1	0	0	0	0	0	0	0.98	0.98	0	0	0	0	0	0
9/13/2023 0:28	56504 ROCK_T2	0	0	0	0	0	0	1.25	1.25	0	0	0	0	0	0
9/13/2023 0:28	13704 SCHN_T2	0	0	0	0	0	0	-0.34	-0.34	0	0	0	0	0	0
9/13/2023 0:28	41901 REED_T1	0	0	0	0	0	0	1.15	1.15	1	1	0	900	900	0
9/13/2023 0:28	52004 LING_T2	0	0	0	0	0	0	0.15	0.15	0	0	0	0	0	0
9/13/2023 0:28	64101 REFR_T1	3	3	0	9.33	9.7	0.37	-0.1	-0.1	0	0	0	0	0	0
9/13/2023 0:28	66703 STRA_T1	1	5	4	0.1	0.48	0.38	-0.68	-0.68	0	0	0	0	0	0
9/13/2023 0:28	47402 PENS_T1	1	1	0	0.1	0.2	0.1	0	0	0	0	0	0	0	0
9/13/2023 0:28	59302 MCAL_T1	1	1	0	0.2	0.5	0.3	0	0	0	0	0	0	0	0
9/13/2023 0:28	56504 ROCK_T2	0	0	0	0	0	0	1.25	1.25	0	0	0	0	0	0
9/13/2023 0:28	61801 EELI_T2	0	0	0	0	0	0	-0.27	-0.27	1	1	0	600	600	0
9/13/2023 0:28	46203 DANV_T2	0	0	0	0	0	0	0.45	0.45	0	0	0	0	0	0
9/13/2023 0:28	48302 ORWI_T2	2	2	0	0.9	0.35	-0.55	-0.16	-0.16	0	0	0	0	0	0
9/13/2023 0:28	60803 BUCK_T1	1	5	4	0.1	0.16	0.06	-1.06	-1.06	2	2	0	1200	1200	0
9/13/2023 0:28	11104 EGYP_T1	0	0	0	0	0	0	0.01	0.01	1	1	0	900	900	0
9/13/2023 0:28	49803 UNIV_T1	0	0	0	0	0	0	-0.49	-0.49	0	0	0	0	0	0
9/13/2023 0:28	66505 SMAN_T2	0	0	0	0	0	0	0.5	0.5	8	8	0	4600	4600	0
9/13/2023 0:28	15001 BLMO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9/13/2023 0:28	44302 BEAV_T2	5	21	16	0.12	0.14	0.02	0	0	0	0	0	0	0	0
9/13/2023 0:28	59101 WALK_T2	1	1	0	0	0	0	4.8	4.8	10	10	0	5250	5250	0
9/13/2023 0:28	45902 AUBU_T1	0	0	0	0	0	0	-1.17	-1.17	2	2	0	1200	1200	0
9/13/2023 0:28	67502 WEWI_T2	0	0	0	0	0	0	-1.52	-1.52	2	2	0	1800	1800	0
9/13/2023 0:28	63404 HONY_T1	155	164	9	0.56	0.54	-0.02	0	0	0	0	0	0	0	0
9/13/2023 0:28	42802 SILI_T1	1	1	0	1.1	1.6	0.5	-2.96	-2.96	2	2	0	1800	1800	0
9/13/2023 0:28	55101 WERT_T1	0	0	0	0	0	0	-11.61	-11.61	20	20	0	16500	16500	0
9/13/2023 0:28	26603 BROO_T1	0	0	0	0	0	0	0.62	0.62	0	0	0	0	0	0
9/13/2023 0:28	58402 MORO_T1	0	0	0	0	0	0	-5.82	-5.82	15	15	0	10350	10350	0
9/13/2023 0:28	60101 COCA_T1	0	0	0	0	0	0	2.12	2.12	0	0	0	0	0	0
9/13/2023 0:28	47101 MARL_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9/13/2023 0:28	10805 CHHI_T2	1	1	0	8.7	8.6	-0.1	-1.31	-1.31	2	2	0	1800	1800	0
9/13/2023 0:29	43402 BENT_T1	0	0	0	0	0	0	-0.78	-0.78	1	1	0	900	900	0
9/13/2023 0:30	56802 BENV_T2	1	1	0	0.5	0.7	0.2	-0.44	-0.44	0	0	0	0	0	0
9/13/2023 0:37	56802 BENV_T2	1	1	0	0.5	0.7	0.2	-0.22	-0.22	0	0	0	0	0	0
9/13/2023 0:38	62604 ENGL_T1	0	0	0	0	0	0	-0.76	-0.76	1	1	0	600	600	0
9/13/2023 0:42	56802 BENV_T2	1	1	0	0.5	0.7	0.2	-0.22	-0.22	0	0	0	0	0	0
9/13/2023 0:44	52502 PROG_T2	0	0	0	0	0	0	0.12	0.12	1	1	0	900	900	0
9/13/2023 0:56	67502 WEWI_T2	0	0	0	0	0	0	-0.76	-1.03	1	1	0	900	900	0
9/13/2023 0:57	52401 GRPA_T2	1	1	0	0.3	0.6	0.3	0	0	0	0	0	0	0	0
9/13/2023 1:07	64301 LINC_T1	0	0	0	0	0	0	-0.37	-0.54	0	0	0	0	0	0
9/13/2023 1:09	52401 GRPA_T2	1	1	0	0.6	0.4	-0.2	-0.44	-0.55	0	0	0	0	0	0
9/13/2023 1:11	59301 MCAL_T1	2	2	0	0.85	0.7	-0.15	-1.16	-1.27	0	0	0	0	0	0
9/13/2023 1:29	43402 BENT_T1	0	0	0	0	0	0	-0.92	-0.92	1	1	0	900	900	0
9/13/2023 2:22	43402 BENT_T1	0	0	0	0	0	0	-0.92	-0.93	1	1	0	900	900	0
9/13/2023 2:29	43402 BENT_T1	0	0	0	0	0	0	-0.92	-0.93	1	1	0	900	900	0
9/13/2023 3:14	43402 BENT_T1	0	0	0	0	0	0	-0.92	-0.92	1	1	0	900	900	0
9/13/2023 8:09	59101 WALK_T2	1	1	0	0	0	0	1	1	0	0	0	0	0	0
9/13/2023 8:42	53601 DALM_T2	1	1	0	0.9	1	0.1	0.25	-0.19	1	1	0	600	600	0
9/13/2023 8:42	44202 POIN_T2	0	0	0	0	0	0	-3.46	-3.73	4	8	4	4800	7200	2400
9/13/2023 8:42	54701 NEBL_T1	0	0	0	0	0	0	0	0	1	1	0	600	600	0
9/13/2023 8:42	44203 POIN_T2	0	0	0	0	0	0	1.57	1.41	10	10	0	10500	10500	0
9/13/2023 8:42	13901 SEID_T1	0	0	0	0	0	0	0.3	-0.89	0	1	1	0	1200	1200
9/13/2023 8:44	42902 MIDD_T2	0	0	0	0	0	0	-0.48	-0.29	0	1	1	0	600	600
9/13/2023 8:45	42902 MIDD_T2	0	0	0	0	0	0	-0.48	-0.29	0	1	1	0	600	600
9/13/2023 8:46	15603 NSTR_T2	0	0	0	0	0	0	-0.58	-0.58	0	0	0	0	0	0
9/13/2023 9:07	26603 BROO_T1	0	0	0	0	0	0	0.46	0.44	0	0	0	0	0	0
9/13/2023 9:08	26603 BROO_T1	0	0	0	0	0	0	0.46	0.44	0	0	0	0	0	0
9/13/2023 9:16

9/13/2023 10:00	52503 PROG_T2	0	0	0	0	0	0	-0.53	-0.5	1	1	0	900	900	0
9/13/2023 10:02	57303 MOAL_T2	1	1	0	7.5	7	-0.5	0	0	0	0	0	0	0	0
9/13/2023 10:02	23401 HONE_T2	0	0	0	0	0	0	-0.08	-0.05	0	0	0	0	0	0
9/13/2023 10:07	43304 WATS_T2	0	0	0	0	0	0	-0.29	-0.25	0	0	0	0	0	0
9/13/2023 10:07	45902 AUBU_T1	0	0	0	0	0	0	-0.25	-0.21	1	1	0	600	600	0
9/13/2023 10:07	20403 ASHF_T2	0	0	0	0	0	0	1.16	1.15	0	0	0	0	0	0
9/13/2023 10:11	45902 AUBU_T1	0	0	0	0	0	0	-0.25	-0.21	1	1	0	600	600	0
9/13/2023 10:12	56802 BENV_T2	2	112	110	0.7	0.24	-0.46	-1.12	-1.09	0	0	0	0	0	0
9/13/2023 10:13	56802 BENV_T2	2	112	110	0.7	0.24	-0.46	-1.12	-1.09	0	0	0	0	0	0
9/13/2023 10:13	46203 DANV_T2	0	0	0	0	0	0	0.08	0.14	0	0	0	0	0	0
9/13/2023 10:14	56802 BENV_T2	2	112	110	0.7	0.24	-0.46	-2.24	-2.18	0	0	0	0	0	0
9/13/2023 10:14	24101 EHAZ_T1	0	0	0	0	0	0	0.84	0.8	2	2	0	1200	1200	0
9/13/2023 10:15	45802 HEGI_T2	0	0	0	0	0	0	0.7	1.42	1	1	0	300	300	0
9/13/2023 10:15	53502 EVIL_T2	1	1	0	0.1	0.4	0.3	0	0	0	0	0	0	0	0
9/13/2023 10:15	56802 BENV_T2	11	112	101	0.35	0.24	-0.11	-3.36	-3.26	0	0	0	0	0	0
9/13/2023 10:16	26603 BROO_T1	0	0	0	0	0	0	1.02	1.16	0	0	0	0	0	0
9/13/2023 10:16	44502 HAMI_T2	1	1	0	1.6	1.7	0.1	0.15	0.2	0	0	0	0	0	0
9/13/2023 10:18	28403 HART_T2	0	0	0	0	0	0	-0.67	-0.67	1	1	0	900	900	0
9/13/2023 10:18	12704 MACU_T1	0	1	1	0	0	0	0	0	0	0	0	0	0	0
9/13/2023 10:18	40101 HUNT_T2	0	0	0	0	0	0	-0.34	-0.3	0	0	0	0	0	0
9/13/2023 10:18	53501 EVIL_T2	1	1	0	0.2	0.1	-0.1	-0.95	-0.89	3	3	0	1800	1800	0
9/13/2023 10:19	52401 GRPA_T2	1	1	0	0.5	0.5	0	0	0	0	0	0	0	0	0
9/13/2023 10:19	47101 MARL_T1	0	0	0	0	0	0	0	0	1	1	0	600	600	0
9/13/2023 10:19	40101 HUNT_T2	0	0	0	0	0	0	-0.3	-0.31	0	0	0	0	0	0
9/13/2023 10:22	40902 JESH_T1	0	0	0	0	0	0	-0.09	-0.4	1	2	1	600	1200	600
9/13/2023 10:23	54701 NEBL_T1	0	0	0	0	0	0	0	0	1	1	0	600	600	0
9/13/2023 10:25	59102 WALK_T2	0	1	1	0	0.1	0.1	0	0	0	0	0	0	0	0
9/13/2023 10:25	43202 MVIL_T2	0	0	0	0	0	0	-0.5	-0.48	0	0	0	0	0	0
9/13/2023 10:25	66505 SMAN_T2	0	0	0	0	0	0	0.69	0.7	2	2	0	1500	1500	0
9/13/2023 10:25	54701 NEBL_T1	0	0	0	0	0	0	0	0	1	1	0	600	600	0
9/13/2023 10:26	28604 BLYT_T2	0	0	1	0	0	0	-1.26	-1.26	0	0	0	0	0	0
9/13/2023 10:26	59102 WALK_T2	0	1	1	0	0.1	0.1	0	0	0	0	0	0	0	0
9/13/2023 10:26	56501 ROCK_T2	2	5	3	0.9	0.44	-0.46	-1.33	-1.29	0	0	0	0	0	0
9/13/2023 10:28	53601 DALM_T2	1	1	0	1.3	1	-0.3	-0.77	-0.89	2	2	0	1500	1500	0
9/13/2023 10:28	59101 WALK_T2	1	2	1	0	0.1	0.1	1.65	1.34	0	0	0	0	0	0
9/13/2023 10:29	61803 EELI_T2	0	1	1	0	0.6	0.6	0	0	0	0	0	0	0	0
9/13/2023 10:29	43402 BENT_T1	0	0	0	0	0	0	-1.13	-1.11	2	2	0	1500	1500	0
9/13/2023 10:29	67502 WEWI_T2	0	0	0	0	0	0	0.12	0.14	0	0	0	0	0	0
9/13/2023 10:30	65604 QVIL_T2	0	0	0	0	0	0	0.58	0.63	0	0	0	0	0	0
9/13/2023 10:31	17805 GILB_T2	0	0	0	0	0	0	0.25	0.3	0	0	0	0	0	0
9/13/2023 10:32	65604 QVIL_T2	0	0	0	0	0	0	0.58	0.63	0	0	0	0	0	0
9/13/2023 10:33	67502 WEWI_T2	0	0	0	0	0	0	0.12	0.14	0	0	0	0	0	0
9/13/2023 10:34	12701 MACU_T1	0	0	0	0	0	0	0.26	0.25	0	0	0	0	0	0
9/13/2023 10:35	48302 ORWI_T2	2	2	0	0.55	0.25	-0.3	0.32	0.35	0	0	0	0	0	0
9/13/2023 10:35	42901 MIDD_T2	0	1	1	0	0	0	0	0	0	0	0	0	0	0
9/13/2023 10:35	59301 MCAL_T1	4	3	-1	0.45	0.4	-0.05	-1.54	-1.5	1	1	0	600	600	0
9/13/2023 10:36	54701 NEBL_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9/13/2023 10:40	52502 PROG_T2	0	0	0	0	0	0	-0.44	-0.43	1	1	0	900	900	0
9/13/2023 10:44	67503 WEWI_T2	0	0	0	0	0	0	0.06	0.1	0	0	0	0	0	0
9/13/2023 10:45	45901 AUBU_T1	0	0	0	0	0	0	1.52	1.59	0	0	0	0	0	0
9/13/2023 10:48	28403 HART_T2	0	0	0	0	0	0	-0.64	-0.66	1	1	0	900	900	0
9/13/2023 10:49	46801 HEPB_T2	2	2	0	0.2	0.2	0	0.92	0.99	0	0	0	0	0	0
9/13/2023 10:50	40902 JESH_T1	0	0	0	0	0	0	-0.38	-0.55	2	2	0	1200	1200	0
9/13/2023 10:51	59003 MIFF_T1	0	0	0	0	0	0	-0.7	-0.23	0	0	0	0	0	0
9/13/2023 10:52	52004 LING_T2	1	1	0	0.1	0.2	0.1	0.65	0.61	0	0	0	0	0	0
9/13/2023 10:53	64303 LINC_T1	0	1	1	0	0	0	0	0	0	0	0	0	0	0
9/13/2023 10:54	66703 STRA_T1	0	0	0	0	0	0	0.42	0.4	0	0	0	0	0	0
9/13/2023 10:54	44201 POIN_T1	0	0	0	0	0	0	-0.97	-1	2	2	0	2100	2100	0
9/13/2023 10:55	64101 REFR_T1	3	3	0	6.77	6.47	-0.3	0.22	0.15	0	0	0	0	0	0
9/13/2023 10:55	44203 POIN_T2	2	3	1	0.1	0	-0.1	0.44	0.39	2	2	0	2100	2100	0
9/13/2023 10:56	29401 BELT_T1	21	38	17	0.15	0.18	0.03	0	0	1	1	0	900	900	0
9/13/2023 10:56	64101 REFR_T1	3	3	0	6.77	6.47	-0.3	0.22	0.15	0	0	0	0	0	0
9/13/2023 10:58	56802 BENV_T2	13	19	6	0.31	0.29	-0.02	-1.1	-1.06	0	0	0	0	0	0
9/13/2023 10:58	29401 BELT_T1	21	38	17	0.15	0.18	0.03	0	0	1	1	0	900	900	0
9/13/2023 11:00	62604 ENGL_T1	0	0	0	0	0	0	-2.01	-2.04	2	2	0	1200	1200	0
9/13/2023 11:01	62604 ENGL_T1	0	0	0	0	0	0	-1.01	-1.02	1	1	0	600	600	0
9/13/2023 11:01	63403 HONY_T2	0	0	0	0	0	0	0.13	0.14	1	1	0	600	600	0
9/13/2023 11:03	62604 ENGL_T1	0	0	0	0	0	0	-1.01	-1.02	1	1	0	600	600	0
9/13/2023 11:03	13503 MCMI_T2	0	0	0	0	0	0	-0.01	-0.01	0	0	0	0	0	0
9/13/2023 11:04	41801 GOCI_T2	0	2	2	0	0.25	0.25	0	0	0	0	0	0	0	0
9/13/2023 11:04	58402 MORO_T1	0	0	0	0	0	0	-1.59	-1.65	3	3	0	2400	2400	0
9/13/2023 11:05	58402 MORO_T1	0	0	0	0	0	0	-1.59	-1.65	3	3	0	2400	2400	0
9/13/2023 11:06	47101 MARL_T1	0	3	3	0	0	0	0	0	1	1	0	600	600	0
9/13/2023 11:10	67204 TEHI_T2	0	0	0	0	0	0	0.09	0.14	0	0	0	0	0	0
9/13/2023 11:10	46001 BERW_T1	0	0	0	0	0	0	1.35	1.25	0	0	0	0	0	0
9/13/2023 11:12	15001 BLMO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9/13/2023 11:13	59101 WALK_T2	2	1	-1	0.5	0	-0.5	1.45	1.5	0	0	0	0	0	0
9/13/2023 11:13	67204 TEHI_T2	0	0	0	0	0	0	0.09	0.14	0	0	0	0	0	0
9/13/2023 11:15	15001 BLMO_T1	0	1	1	0	0	0	0	0	0	0	0	0	0	0
9/13/2023 11:15	11102 EGYP_T1	0	0	0	0	0	0	-0.07	-0.15	0	0	0	0	0	0
9/13/2023 11:19	58402 MORO_T1	0	0	0	0	0	0	-1.65	-1.64	3	3	0	2400	2400	0
9/13/2023 11:20	58402 MORO_T1	0	0	0	0	0	0	-1.65	-1.64	3	3	0	2400	2400	0
9/13/2023 11:21	15603 NSTR_T2	0	0	0	0	0	0	-0.59	-0.57	0	0	0	0	0	0
9/13/2023 11:21	52403 GRPA_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9/13/2023 11:22	47101 MARL_T1	0	5	5	0	0.15	0.15	0	0	1	1	0	600	600	0
9/13/2023 11:24	58402 MORO_T1	0	0	0	0	0	0	-1.65	-1.64	3	3	0	2400	2400	0
9/13/2023 11:26	43303 WATS_T2	0	2	2	0	0.5	0.5	0	0	0	0	0	0	0	0
9/13/2023 11:27	60803 BUCK_T1	1	0	-1	0.1	0	-0.1	-0.42	-0.38	1	1	0	600	600	0
9/13/2023 11:28	59101 WALK_T2	1	1	0	0	0	0	1.5	1.77	0	0	0	0	0	0
9/13/2023 11:28	44301 BEAV_T2	2	6	4	0.85	0.52	-0.33	1.39	0.9	4	4	0	3000	3000	0
9/13/2023 11:28	66505 SMAN_T2	0	0	0	0	0	0	0.66	0.22	4	3	-1	2300	2100	-200
9/13/2023 11:29	67204 TEHI_T2	0	0	0	0	0	0	0.14	0.19	0	0	0	0	0	0
9/13/2023 11:30	41801 GOCI_T2	2	1	-1	0.25	0.2	-0.05	0	0	0	0	0	0	0	0
9/13/2023 11:30	11102 EGYP_T1	0	2	2	0	0	0	-0.15	-0.1	0	0	0	0	0	0
9/13/2023 11:30	67204 TEHI_T2	0	0	0	0	0	0	0.14	0.19	0	0	0	0	0	0
9/13/2023 11:31	44301 BEAV_T2	4	6	2	0.65	0.56	-0.09	0.7	0.45	2	2	0	1500	1500	0
9/13/2023 11:31	60801 BUCK_T1	164	162	-2	0.69	0.57	-0.12	0	0	0	0	0	0	0	0
9/13/2023 11:32	40901 JESH_T1	1	1	0	0.2	0.2	0	0	0	0	0	0	0	0	0
9/13/2023 11:32	40101 HUNT_T2	0	1	1	0	0.1	0.1	-0.28	-0.3	0	0	0	0	0	0
9/13/2023 11:34	52402 GRPA_T2	7	9	2	0.64	0.74	0.1	0	0	0	0	0	0	0	0
9/13/2023 11:34	12701 MACU_T1	0	0	0	0	0	0	0.26	0.27	0	0	0	0	0	0
9/13/2023 11:34	44502 HAMI_T2	1	1	0	1	1.6	0.6	0.36	0.35	0	0	0	0	0	0
9/13/2023 11:34	45802 HEGI_T2	0	0	0	0	0	0	0.85	0.56	1	1	0	300	300	0
9/13/2023 11:35	23401 HONE_T2	0	0	0	0	0	0	-0.01	-0.04	0	0	0	0	0	0
9/13/2023 11:36	40901 JESH_T1	1	1	0	0.2	0.2	0	0	0	0	0	0	0	0	0
9/13/2023 11:36	10801 CHHI_T1	0	0	0	0	0	0	-0.84	-0.84	2	2	0	1500	1500	0
9/13/2023 11:36	12701 MACU_T1	0	0	0	0	0	0	0.26	0.27	0	0	0	0	0	0
9/13/2023 11:37	12701 MACU_T1	0	0	0	0	0	0	0.26	0.27	0	0	0	0	0	0
9/13/2023 11:37	52403 GRPA_T2	3	5	2	0.6	0.82	0.22	-0.44	-0.39	0	0	0	0	0	0
9/13/2023 11:37	40101 HUNT_T2	0	1	1	0	0.1	0.1	-0.3	-0.28	0	0	0	0	0	0
9/13/2023 11:37	60801 BUCK_T1	164	162	-2	0.69	0.57	-0.12	0	0	0	0	0	0	0	0
9/13/2023 11:38	43202 MVIL_T2	0	0	0	0	0	0	-0.5	-0.47	0	0	0	0	0	0
9/13/2023 11:38	52502 PROG_T2	0	0	0	0	0	0	-0.37	-0.32	1	1	0	900	900	0
9/13/2023 11:39	54701 NEBL_T1	0	0	0	0	0	0	0	0	1	1	0	600	600	0
9/13/2023 11:39	65601 QVIL_T2	0	1	1	0	0.2	0.2	0	0	0	0	0	0	0	0
9/13/2023 11:39	42201 SHEN_T2	0	0	0	0	0	0	0.28	0.21	1	1	0	600	600	0
9/13/2023 11:40	56501 ROCK_T2	2	0	-2	0.2	0	-0.2	-1.22	-1.2	0	0	0	0	0	0
9/13/2023 11:40	65604 QVIL_T2	0	1	1	0	0	0	0.67	0.66	0	0	0	0	0	0
9/13/2023 11:41	48302 ORWI_T2	2	2	0	0.35	0.4	0.05	0.39	0.39	0	0	0	0	0	0
9/13/2023 11:41	45902 AUBU_T1	0	0	0	0	0	0	-0.06	-0.23	1	1	0	600	600	0
9/13/2023 11:42	45901 AUBU_T1	0	0	0	0	0	0	1.69	1.78	0	0	0	0	0	0
9/13/2023 11:42	46001 BERW_T1	0	0	0	0	0	0	1.21	1.22	0	0	0	0	0	0
9/13/2023 11:43	43202 MVIL_T2	0	0	0	0	0	0	-0.5	-0.47	0	0	0	0	0	0
9/13/2023 11:43	24101 EHAZ_T1	0	22	22	0	0	0	0.57	0.76	2	2	0	1200	1200	0
9/13/2023 11:45	45902 AUBU_T1	0	0	0	0	0	0	-0.06	-0.23	1	1	0	600	600	0
9/13/2023 11:46	20403 ASHF_T2	3	3	0	0.1	0.1	1.27	1.29	0	0	0	0	0	0	0
9/13/2023 11:47	46801 HEPB_T2	2	2	0	0.15	0.2	0.05	0.99	1.03	0	0	0	0	0	0
9/13/2023 11:47	11102 EGYP_T1	0	2	2	0	0	0	-0.1	-0.07	0	0	0	0	0	0
9/13/2023 11:48	40901 JESH_T1	1	1	0	0.2	0.4	0.2	0	0	0	0	0	0	0	0
9/13/2023 11:48	54505 ENOS_T2	0	1	1	0	0.3	0.3	0	0	0	0	0	0	0	0
9/13/2023 11:50	45802 HEGI_T2	0	0	0	0	0	0	0.56	0.58	1	1	0	300	300	0
9/13/2023 11:51	48302 ORWI_T2	2	2	0	0.4	0.45	0.05	0.78	0.78	0	0	0	0	0	0
9/13/2023 11:51	40901 JESH_T1	1	2	1	0.2	0.4	0.2	0	0	0	0	0	0	0	0
9/13/2023 11:53	52502 PROG_T2	0	0	0	0	0	0	-0.32	-0.3	1	1	0	900	900	0
9/13/2023 11:55	65604 QVIL_T2	0	2	2	0	8.9	8.9	0.66	0.71	0	0	0	0	0	0
9/13/2023 11:55	64101 REFR_T1	3	3	0	6.73	6.67	-0.06	0.19	0.23	0	0	0	0	0	0
9/13/2023 11:55	67204 TEHI_T2	0	0	0	0	0	0	0.19	0.16	0	0	0	0	0	0
9/13/2023 11:56	65601 QVIL_T2	0	1	1	0	0.2	0.2	0	0	0	0	0	0	0	0
9/13/2023 11:57	67204 TEHI_T2	0	0	0	0	0	0	0.19	0.16	0	0	0	0	0	0
9/13/2023 11:58	46001 BERW_T1	0	0	0	0	0	0	1.22	1.14	0	0	0	0	0	0
9/13/2023 11:59	24101 EHAZ_T1	0	22	22	0	1.53	1.53	0.76	0.82	2	2	0	1200	1200	0
9/13/2023 12:01	41801 GOCI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9/13/2023 12:01	44502 HAMI_T2	1	1	0	1.5	1.6	0.1	0.35	0.43	0	0	0	0	0	0
9/13/2023 12:04	40902 JESH_T1	0	0	0	0	0	0	-0.45	-0.39	2	2	0	1200	1200	0
9/13/2023 12:07	40902 JESH_T1	0	0	0	0	0	0	-0.45	-0.39	2	2	0	1200	1200	0
9/13/2023 12:09	52502 PROG_T2	0	0	0	0	0	0	-0.3	-0.26	1	1	0	900	900	0
9/13/2023 12:10	65604 QVIL_T2	1	2	1	4.7	0	-4.7	0.71	0.68	0	0	0	0	0	0
9/13/2023 12:11	65604 QVIL_T2	1	2	1	4.7	0	-4.7	0.71	0.68	0	0	0	0	0	0
9/13/2023 12:11	67204 TEHI_T2	0	1	1	0	0.1	0.1	0.16	0.14	0	0	0	0	0	0
9/13/2023 12:13	59402 RFLD_T2	0	1	1	0	0.3	0.3	-1.49	-0.84	1	1	0	450	450	0
9/13/2023 12:13	67204 TEHI_T2	0	1	1	0	0.1	0.1	0.16	0.14	0	0	0	0	0	0
9/13/2023 12:14	46506 LOHA_T1	0	1	1	0	0.2	0.2	-0.31	-0.26	0	0	0	0	0	0
9/13/2023 12:18	52403 GRPA_T2	3	2	-1	0.57	0.8	0.23	-0.44	-0.39	0	0	0	0	0	0
9/13/2023 12:20	59301 MCAL_T1	3	3	0	0.37	0.33	-0.04	-1.25	-1.3	1	1	0	600	600	0
9/13/2023 12:21	52403 GRPA_T2	3	2	-1	0.57	0.8	0.23	-0.78	-0.82	0	0	0	0	0	0
9/13/2023 12:26	29401 BELT_T1	2	1	-1	0.15	0.1	-0.05	0	0	1	1	0	900	900	0
9/13/2023 12:28	20401 ASHF_T2	2	1	-1	0.85	0	-0.85	0	0	0	0	0	0	0	0
9/13/2023 12:29	11104 EGYP_T1	0	5	5	0	0	0	0	0	0	0	0	0	0	0
9/13/2023 12:31	20403 ASHF_T2	0	0	0	0	0	0	1.36	1.33	0	0	0	0	0	0
9/13/2023 12:32	67502 WEWI_T2	0	0	0	0	0	0	-0.8	-0.73	1	1	0	900	900	0
9/13/2023 12:37	13704 SCHN_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9/13/2023 12:52	43202 MVIL_T2	0	0	0	0	0	0	-0.48	-0.46	0	0	0	0	0	0
9/13/2023 12:53	43202 MVIL_T2	0	0	0	0	0	0	-0.48	-0.46	0	0	0	0	0	0
9/13/2023 13:01	20403 ASHF_T2	0	1	1	0	0	0	1.37	1.29	0	0	0	0	0	0
9/13/2023 13:02	23401 HONE_T2	0	0	0	0	0	0	0	-0.03	0	0	0	0	0	0
9/13/2023 13:04	45802 HEGI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9/13/2023 13:05	40901 JESH_T1	1	1	0	0.4	0.2	-0.2	0	0	0	0	0	0	0	0
9/13/2023 13:08	41902 REED_T1	2	1	-1	0.75	0	-0.75	1.21	1.26	0	0	0	0	0	0
9/13/2023 13:10	11102 EGYP_T1	2	5	3	0.6	0.4	-0.2	0.13	0.13	0	0	0	0	0	0
9/13/2023 13:12	20403 ASHF_T2	0	1	1	0	0	0	1.29	1.35	0	0	0	0	0	0
9/13/2023 13:19	45802 HEGI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9/13/2023 13:30	56501 ROCK_T2	0	0	0	0	0	0	-1.06	-1.03	0	0	0	0	0	0
9/13/2023 13:32	46801 HEPB_T2	2	2	0	0.2	0.3	0.1	1.13	1.09	0	0	0	0	0	0
9/13/2023 13:34	45802 HEGI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9/13/2023 13:36	40902 JESH_T1	0	0	0	0	0	0	-0.49	-0.43	2	2	0	1200	1200	0
9/13/2023 13:36	52403 GRPA_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9/13/2023 13:37	54701 NEBL_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9/13/2023 13:40	67602 WARW_T2	0	0	0	0	0	0	0.54	0.55	2	2	0	1500	1500	0
9/13/2023 13:42	60801 BUCK_T1	104	114	10	0.56	0.59	0.03	0	0	0

Appendix C - Grid Benefits Achieved in Each Instance of Active Management

9/13/2023 14:26	55101 WERT_T1	0	0	0	0	0	0	-1.36	-2.06	4	4	0	3300	3300	0
9/13/2023 14:27	26603 BROO_T1	0	0	0	0	0	0	0.4	0.41	0	0	0	0	0	0
9/13/2023 14:27	16302 ALPA_T2	0	0	0	0	0	0	0.14	0.13	0	0	0	0	0	0
9/13/2023 14:28	45902 AUBU_T1	0	0	0	0	0	0	-0.36	-0.37	1	1	0	600	600	0
9/13/2023 14:28	49803 UNIV_T1	0	1	1	0	1.8	1.8	0	0	0	0	0	0	0	0
9/13/2023 14:28	56801 BENV_T1	11	12	1	0.58	0.78	0.2	0	0	0	0	0	0	0	0
9/13/2023 14:28	26603 BROO_T1	0	0	0	0	0	0	0.4	0.41	0	0	0	0	0	0
9/13/2023 14:28	55101 WERT_T1	0	0	0	0	0	0	-4.08	-6.19	12	12	0	9900	9900	0
9/13/2023 14:29	20403 ASHF_T2	1	1	0	0.2	0.1	-0.1	1.37	1.39	0	0	0	0	0	0
9/13/2023 14:30	60803 BUCK_T1	0	0	0	0	0	0	-0.83	-0.79	1	1	0	600	600	0
9/13/2023 14:30	62604 ENGL_T1	0	0	0	0	0	0	-0.87	-0.78	1	1	0	600	600	0
9/13/2023 14:30	55101 WERT_T1	0	0	0	0	0	0	-1.36	-2.06	4	4	0	3300	3300	0
9/13/2023 14:30	10801 CHHI_T1	4	3	-1	0.33	0.3	-0.03	-1.32	-1.43	3	3	0	2100	2100	0
9/13/2023 14:30	16302 ALPA_T2	0	0	0	0	0	0	0.14	0.13	0	0	0	0	0	0
9/13/2023 14:30	53601 DALM_T2	1	1	0	0.3	0.6	0.3	-0.74	-0.74	2	2	0	1500	1500	0
9/13/2023 14:31	24101 EHAZ_T1	1	1	0	0.3	0	-0.3	0.99	0.77	1	1	0	600	600	0
9/13/2023 14:31	20403 ASHF_T2	0	1	1	0	0.1	0.1	1.37	1.39	0	0	0	0	0	0
9/13/2023 14:31	45902 AUBU_T1	0	0	0	0	0	0	3.57	3.46	0	0	0	0	0	0
9/13/2023 14:32	60803 BUCK_T1	0	0	0	0	0	0	-0.83	-0.79	1	1	0	600	600	0
9/13/2023 14:32	62604 ENGL_T1	0	0	0	0	0	0	-0.87	-0.78	1	1	0	600	600	0
9/13/2023 14:32	60803 BUCK_T1	0	0	0	0	0	0	-0.83	-0.79	1	1	0	600	600	0
9/13/2023 14:33	52402 GRPA_T2	1	3	2	2.3	0.93	-1.37	0	0	0	0	0	0	0	0
9/13/2023 14:33	44502 HAMI_T2	1	1	0	1.2	1.5	0.3	0.44	0.35	0	0	0	0	0	0
9/13/2023 14:33	45802 HEGI_T2	0	0	0	0	0	0	1.28	0.69	1	1	0	300	300	0
9/13/2023 14:33	62604 ENGL_T1	0	0	0	0	0	0	-1.74	-1.57	2	2	0	1200	1200	0
9/13/2023 14:33	56803 BENV_T1	1	2	1	1.2	0	-1.2	0.34	0.35	0	0	0	0	0	0
9/13/2023 14:36	47101 MARL_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9/13/2023 14:36	42902 MIDD_T2	2	2	0	0.55	0.25	-0.3	-0.03	-0.06	0	1	1	0	600	600
9/13/2023 14:36	52403 GRPA_T2	1	0	-1	0.6	0	-0.6	-0.33	-0.32	0	0	0	0	0	0
9/13/2023 14:37	43202 MVIL_T2	0	0	0	0	0	0	-0.44	-0.42	0	0	0	0	0	0
9/13/2023 14:37	54701 NEBL_T1	0	0	0	0	0	0	0	0	1	1	0	600	600	0
9/13/2023 14:38	43202 MVIL_T2	0	0	0	0	0	0	-0.44	-0.42	0	0	0	0	0	0
9/13/2023 14:39	44201 POIN_T1	0	0	0	0	0	0	-0.44	-0.48	2	2	0	2100	2100	0
9/13/2023 14:40	44904 SCOT_T1	4	4	0	0.45	0	-0.45	1.17	1.14	0	0	0	0	0	0
9/13/2023 14:41	45901 AUBU_T1	0	0	0	0	0	0	5.2	5.21	0	0	0	0	0	0
9/13/2023 14:42	29401 BELT_T1	0	1	1	0	0.2	0.2	0	0	1	0	-1	900	0	-900
9/13/2023 14:42	44201 POIN_T1	0	0	0	0	0	0	-0.87	-0.96	4	4	0	4200	4200	0
9/13/2023 14:42	64101 REFR_T1	3	3	0	6.23	6.93	0.7	0.35	0.36	0	0	0	0	0	0
9/13/2023 14:43	67602 WARW_T2	0	0	0	0	0	0	0.58	0.62	2	2	0	1500	1500	0
9/13/2023 14:43	16302 ALPA_T2	0	0	0	0	0	0	0.13	0.05	0	0	0	0	0	0
9/13/2023 14:43	56803 BENV_T1	1	2	1	1.2	0	-1.2	0.7	0.72	0	0	0	0	0	0
9/13/2023 14:43	49803 UNIV_T1	1	1	0	0.5	1.8	1.3	0	0	0	0	0	0	0	0
9/13/2023 14:43	26603 BROO_T1	0	0	0	0	0	0	0.41	0.43	0	0	0	0	0	0
9/13/2023 14:44	45902 AUBU_T1	0	0	0	0	0	0	-0.73	-0.7	2	2	0	1200	1200	0
9/13/2023 14:44	29401 BELT_T1	0	1	1	0	0.2	0.2	0	0	1	0	-1	900	0	-900
9/13/2023 14:45	20401 ASHF_T2	0	1	1	0	0	0	0	0	0	0	0	0	0	0
9/13/2023 14:45	45902 AUBU_T1	0	0	0	0	0	0	-0.37	-0.35	1	1	0	600	600	0
9/13/2023 14:45	10805 CHHI_T2	12	10	-2	1.03	0	-1.03	-0.46	-0.6	2	2	0	1800	1800	0
9/13/2023 14:46	52403 GRPA_T2	0	1	1	0	0.1	0.1	-0.33	-0.32	0	0	0	0	0	0
9/13/2023 14:46	20401 ASHF_T2	0	1	1	0	0	0	0	0	0	0	0	0	0	0
9/13/2023 14:46	10801 CHHI_T1	3	3	0	0.3	0.23	-0.07	-1.43	-1.48	3	3	0	2100	2100	0
9/13/2023 14:46	16302 ALPA_T2	0	0	0	0	0	0	0.13	0.05	0	0	0	0	0	0
9/13/2023 14:46	43001 ALWD_T1	0	0	0	0	0	0	0	0	1	1	0	1200	1200	0
9/13/2023 14:46	46001 BERW_T1	0	0	0	0	0	0	1.28	1.33	0	0	0	0	0	0
9/13/2023 14:46	60801 BUCK_T1	47	51	4	0.29	0.42	0.13	0.09	0.11	0	0	0	0	0	0
9/13/2023 14:46	53601 DALM_T2	1	1	0	0.6	0.4	-0.2	-0.74	-0.73	2	2	0	1500	1500	0
9/13/2023 14:48	23401 HONE_T2	0	0	0	0	0	0	0.01	0.01	0	0	0	0	0	0
9/13/2023 14:48	45802 HEGI_T2	0	0	0	0	0	0	0.69	0.67	1	1	0	300	300	0
9/13/2023 14:49	44502 HAMI_T2	1	1	0	1.4	1.5	0.1	0.43	0.34	0	0	0	0	0	0
9/13/2023 14:49	26603 BROO_T1	0	0	0	0	0	0	0.43	0.4	0	0	0	0	0	0
9/13/2023 14:51	62604 ENGL_T1	0	0	0	0	0	0	-0.78	-0.79	1	1	0	600	600	0
9/13/2023 14:52	65901 SAKR_T2	0	0	0	0	0	0	-0.09	-0.1	2	2	0	1500	1500	0
9/13/2023 14:55	49803 UNIV_T1	1	1	0	1.8	1.3	-0.5	-0.61	-0.59	0	0	0	0	0	0
9/13/2023 14:55	48302 ORWI_T2	1	2	1	0.4	0.5	0.1	-0.11	-0.08	0	0	0	0	0	0
9/13/2023 14:58	44802 EDAN_T2	0	0	0	0	0	0	-1.61	-1.6	1	1	0	1200	1200	0
9/13/2023 14:58	29401 BELT_T1	1	0	-1	0.2	0	-0.2	0	0	0	0	0	0	0	0
9/13/2023 14:59	44802 EDAN_T2	0	0	0	0	0	0	-1.61	-1.6	1	1	0	1200	1200	0
9/13/2023 15:02	44801 EDAN_T2	1	1	0	1.4	1	-0.4	0	0	0	0	0	0	0	0
9/13/2023 15:07	52402 GRPA_T2	1	2	1	2.3	1.15	-1.15	0	0	0	0	0	0	0	0
9/13/2023 15:08	42902 MIDD_T2	2	2	0	0.25	0.1	-0.15	-0.49	-0.59	1	1	0	600	600	0
9/13/2023 15:10	65902 SAKR_T2	0	0	0	0	0	0	-0.14	-0.12	2	2	0	1200	1200	0
9/13/2023 15:13	56802 BENV_T2	1	1	0	0.6	0.5	-0.1	-0.92	-0.94	0	0	0	0	0	0
9/13/2023 15:14	62604 ENGL_T1	0	0	0	0	0	0	-0.79	-0.78	1	1	0	600	600	0
9/13/2023 15:14	56802 BENV_T2	1	1	0	0.6	0.5	-0.1	-1.83	-1.89	0	0	0	0	0	0
9/13/2023 15:15	62604 ENGL_T1	0	0	0	0	0	0	-0.79	-0.78	1	1	0	600	600	0
9/13/2023 15:17	60803 BUCK_T1	0	0	0	0	0	0	-1.57	-1.64	2	2	0	1200	1200	0
9/13/2023 15:17	62604 ENGL_T1	0	0	0	0	0	0	-1.58	-1.56	2	2	0	1200	1200	0
9/13/2023 15:17	28403 HART_T2	0	0	0	0	0	0	-0.55	-0.55	1	1	0	900	900	0
9/13/2023 15:18	62604 ENGL_T1	0	0	0	0	0	0	-0.79	-0.78	1	1	0	600	600	0
9/13/2023 15:26	45902 AUBU_T1	0	0	0	0	0	0	-0.38	-0.31	1	1	0	600	600	0
9/13/2023 15:27	15001 BLMO_T1	1	1	0	1	0	-1	0	0	0	0	0	0	0	0
9/13/2023 15:30	15001 BLMO_T1	1	0	-1	0.6	0	-0.6	0	0	0	0	0	0	0	0
9/13/2023 15:32	40902 JESH_T1	0	0	0	0	0	0	-0.55	-0.62	2	2	0	1200	1200	0
9/13/2023 15:32	15001 BLMO_T1	1	0	-1	0.6	0	-0.6	0	0	0	0	0	0	0	0
9/13/2023 15:34	40101 HUNT_T2	5	20	15	0.26	0.32	0.06	-0.09	-0.25	0	0	0	0	0	0
9/13/2023 15:35	52403 GRPA_T2	0	3	3	0	0.2	0.2	-0.31	-0.29	0	0	0	0	0	0
9/13/2023 15:37	54001 SDLE_T1	2	2	0	0.65	0.5	-0.15	0	0	1	1	0	600	600	0
9/13/2023 15:37	64101 REFR_T1	3	3	0	6.67	6.7	0.03	0.43	0.45	0	0	0	0	0	0
9/13/2023 15:38	64101 REFR_T1	3	3	0	6.67	6.7	0.03	0.43	0.45	0	0	0	0	0	0
9/13/2023 15:38	12701 MACU_T1	1	0	-1	0.3	0	-0.3	-1.57	-1.39	2	2	0	2400	2400	0
9/13/2023 15:39	25801 SUTR_T2	0	0	0	0	0	0	0.21	0.2	0	0	0	0	0	0
9/13/2023 15:39	12701 MACU_T1	1	0	-1	0.3	0	-0.3	-0.78	-0.69	1	1	0	1200	1200	0
9/13/2023 15:39	64101 REFR_T1	3	3	0	6.67	6.7	0.03	0.43	0.45	0	0	0	0	0	0
9/13/2023 15:41	54001 SDLE_T1	2	2	0	0.65	0.5	-0.15	0	0	1	1	0	600	600	0
9/13/2023 15:42	54001 SDLE_T1	2	2	0	0.65	0.5	-0.15	0	0	1	1	0	600	600	0
9/13/2023 15:42	45902 AUBU_T1	0	0	0	0	0	0	-0.31	-0.34	1	1	0	600	600	0
9/13/2023 15:43	24105 EHAZ_T1	4	4	0	6.63	6.6	-0.03	0	0	0	0	0	0	0	0
9/13/2023 15:43	42201 SHEN_T2	0	0	0	0	0	0	0.37	0.46	1	1	0	600	600	0
9/13/2023 15:45	56501 ROCK_T2	0	0	0	0	0	0	-0.91	-0.92	0	0	0	0	0	0
9/13/2023 15:48	46602 LACR_T1	0	0	0	0	0	0	0.29	0.29	0	0	0	0	0	0
9/13/2023 15:51	46602 LACR_T1	0	0	0	0	0	0	0.29	0.29	0	0	0	0	0	0
9/13/2023 15:53	41901 REED_T1	0	11	11	0	0.23	0.23	0	0	0	0	0	0	0	0
9/13/2023 15:59	43001 ALWD_T1	0	0	0	0	0	0	0	0	1	1	0	1200	1200	0
9/13/2023 16:04	17804 GILB_T2	0	0	0	0	0	0	-0.38	-0.36	0	0	0	0	0	0
9/13/2023 16:07	52402 GRPA_T2	1	2	1	2	2.1	0.1	0	0	0	0	0	0	0	0
9/13/2023 16:10	49803 UNIV_T1	1	1	0	0.8	0.2	-0.6	-0.58	-0.63	0	0	0	0	0	0
9/13/2023 16:11	49803 UNIV_T1	1	1	0	0.8	0.2	-0.6	-0.58	-0.63	0	0	0	0	0	0
9/13/2023 16:18	64301 LINC_T1	0	0	0	0	0	0	-0.36	-0.45	1	1	0	600	600	0
9/13/2023 16:21	52403 GRPA_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9/13/2023 16:22	52403 GRPA_T2	6	3	-3	0.52	0	-0.52	-0.26	-0.28	0	0	0	0	0	0
9/13/2023 16:22	64305 LINC_T1	1	1	0	0.8	0.6	-0.2	0	0	0	0	0	0	0	0
9/13/2023 16:23	46302 ROHR_T1	4	180	176	0.3	0.6	0.3	0.32	0.32	0	0	0	0	0	0
9/13/2023 16:30	10801 CHHI_T1	2	1	-1	0.25	0	-0.25	-1.37	-1.33	3	3	0	2100	2100	0
9/13/2023 16:36	26401 INOR_T1	1	1	0	0	0	0	0.79	0.73	0	0	0	0	0	0
9/13/2023 16:49	20401 ASHF_T2	1	3	2	0.2	0	-0.2	0	0	0	0	0	0	0	0
9/13/2023 16:50	20401 ASHF_T2	1	3	2	0.2	0	-0.2	0	0	0	0	0	0	0	0
9/13/2023 17:20	52402 GRPA_T2	1	1	0	1.5	1.8	0.3	0	0	0	0	0	0	0	0
9/13/2023 17:39	11102 EGYP_T1	5	9	4	1.46	0.47	-0.99	0.27	0.32	0	0	0	0	0	0
9/13/2023 17:41	11102 EGYP_T1	5	9	4	1.46	0.47	-0.99	0.27	0.32	0	0	0	0	0	0
9/13/2023 20:22	13704 SCHN_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9/13/2023 20:24	45802 HEGI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9/13/2023 20:27	54701 NEBL_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9/13/2023 20:27	43301 WATS_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9/13/2023 20:31	52403 GRPA_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9/13/2023 20:42	54701 NEBL_T1	1	3	2	0.4	0.2	-0.2	0	0	1	1	0	600	600	0
9/13/2023 20:58	56802 BENV_T2	1	46	45	0.5	0.21	-0.29	-1.18	-1.07	0	0	0	0	0	0
9/13/2023 21:08	13503 MCMI_T2	0	0	0	0	0	0	-0.01	-0.01	0	0	0	0	0	0
9/13/2023 21:09	13901 SEID_T1	0	0	0	0	0	0	-0.76	-0.74	1	1	0	1200	1200	0
9/13/2023 21:09	62601 ENGL_T1	1	0	-1	3.3	0	-3.3	0	0	0	0	0	0	0	0
9/13/2023 21:09	15603 NSTR_T2	0	0	0	0	0	0	-0.5	-0.5	0	0	0	0	0	0
9/13/2023 21:14	60801 BUCK_T1	176	194	18	0.99	1.15	0.16	0	0	0	0	0	0	0	0
9/13/2023 21:14	17805 GILB_T2	0	0	0	0	0	0	0.18	0.11	0	0	0	0	0	0
9/13/2023 21:15	55101 WERT_T1	0	0	0	0	0	0	-1.8	-1.3	3	2	-1	2400	1800	-600
9/13/2023 21:15	45901 AUBU_T1	0	0	0	0	0	0	1.55	1.56	0	0	0	0	0	0
9/13/2023 21:15	25801 SUTR_T2	0	0	0	0	0	0	0.2	0.17	0	0	0	0	0	0
9/13/2023 21:16	29402 BELT_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9/13/2023 21:16	66505 SMAN_T2	0	3	3	0	0.17	0.17	0.15	0.22	2	2	0	1500	1500	0
9/13/2023 21:16	63403 HONY_T2	0	0	0	0	0	0	-0.22	0.4	0	0	0	0	0	0
9/13/2023 21:17	24101 EHAZ_T1	0	0	0	0	0	0	0.29	0.33	1	1	0	600	600	0
9/13/2023 21:17	11104 EGYP_T1	0	2	2	0	0.2	0.2	0	0	0	0	0	0	0	0
9/13/2023 21:17	46602 LACR_T1	0	1	1	0	0.3	0.3	0.03	0.03	0	0	0	0	0	0
9/13/2023 21:17	26603 BROO_T1	0	0	0	0	0	0	0.31	0.32	0	0	0	0	0	0
9/13/2023 21:17	42201 SHEN_T2	0	0	0	0	0	0	0.18	0.15	1	1	0	600	600	0
9/13/2023 21:17	48302 ORWI_T2	2	2	0	1.1	1.2	0.1	0.14	0.13	0	0	0	0	0	0
9/13/2023 21:18	45902 AUBU_T1	1	0	-1	0.2	0	-0.2	-0.81	-0.92	1	1	0	600	600	0
9/13/2023 21:18	23401 HONE_T2	0	0	0	0	0	0	-0.06	-0.12	0	0	0	0	0	0
9/13/2023 21:19	48302 ORWI_T2	2	2	0	1.1	1.2	0.1	0.13	0.12	0	0	0	0	0	0
9/13/2023 21:19	58402 MORO_T1	0	0	0	0	0	0	-0.88	-0.88	2	2	0	1500	1500	0
9/13/2023 21:19	12701 MACU_T1	0	0	0	0	0	0	-1.05	-1.07	1	1	0	1200	1200	0
9/13/2023 21:19	67502 WEWI_T2	6	9	3	0.13	0.29	0.16	0	0	0	0	0	0	0	0
9/13/2023 21:19	44802 EDAN_T2	0	0	0	0	0	0	-0.66	-0.65	0	0	0	0	0	0
9/13/2023 21:19	10801 CHHI_T1	0	0	0	0	0	0	-1.64	-1.1	3	3	0	2100	2100	0
9/13/2023 21:20	67502 WEWI_T2	6	9	3	0.13	0.29	0.16	-1.08	-1.09	1	1	0	900	900	0
9/13/2023 21:20	65901 SAKR_T2	0	0	0	0	0	0	-0.13	-0.1	1	1	0	900	900	0
9/13/2023 21:20	45902 AUBU_T1	1	0	-1	0.2	0	-0.2	0	0	0	0	0	0	0	0
9/13/2023 21:20	57303 MOAL_T2	1	1	0	7.9	7.7	-0.2	0	0	0	0	0	0	0	0
9/13/2023 21:20	26401 INOR_T1	1	1	0	0	0	0	0.3	0.3	0	0	0	0	0	0
9/13/2023 21:21	52404 GRPA_T2	1	1	0	0.7	0.7	0	0	0	0	0	0	0	0	0
9/13/2023 21:21	53501 EVIL_T2	1	1	0	0.4	0.2	-0.2	-1.22	-1.21	2	2	0	1200	1200	0
9/13/2023 21:21	59101 WALK_T2	1	1	0	0	0	0	1.17	1.36	0	0	0	0	0	0
9/13/2023 21:21	44801 EDAN_T2	3	2	-1	1.7	0.6	-1.1	0	0	0	0	0	0	0	0
9/13/2023 21:21	23401 HONE_T2	0	0	0	0	0	0	-0.12	-0.13	0	0	0	0	0	0
9/13/2023 21:22	59101 WALK_T2	1	1	0	0	0	0	1.17	1.36	0	0	0	0	0	0
9/13/2023 21:22	52004 LING_T2	0	0	0	0	0	0	0.3	0.28	0	0	0	0	0	0
9/13/2023 21:22	56801 BENV_T1	19	26	7	0.82	0.73	-0.09	0	0	0	0	0	0	0	0
9/13/2023 21:23	15001 BLMO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9/13/2023 21:23	45902 AUBU_T1	1	0	-1	0.2	0	-0.2	0	0	0	0	0	0	0	0
9/13/2023 21:23	56802 BENV_T2	14	69	55	0.18	0.19	0.01	-1.1	-1.14	0	0	0	0	0	0
9/13/2023 21:23	58402 MORO_T1	0	0	0	0	0	0	-0.88	-0.88	2	2	0	1500	1500	0
9/13/2023 21:24	44904 SCOT_T1	0	0	0	0	0	0	0.65	0.66	0	0	0	0	0	0
9/13/2023 21:24	12701 MACU_T1	0	0	0	0	0	0	-1.05	-1.07	1	1	0	1200	1200	0
9/13/2023 21:24	28403 HART_T2	0	0	0	0	0	0	-0.57	-0.6	1	1	0	900	900	0
9/13/2023 21:24	53601 DALM_T2	1	1	0	0.7	0.8	0.1	-0.38	-0.18	1	1	0	600	600	0
9/13/2023 21:24	44201 POIN_T1	0	0	0	0	0	0	-2.04	-2.09	2	2	0	2100	2100	0
9/13/2023 21:25	44301 BEAV_T2	0	0	0	0	0	0	0.13	0.16	1	1	0	600	600	0
9/13/2023 21:25	16302 ALPA_T2	0	0	0	0	0	0	1.01	0.92	0	0	0	0	0	0
9/13/2023 21:25	40902 JESH_T1	0	5	5	0	0.14	0.14	-0.61	-0.57	0	0	0	0	0	0
9/13/2023 21:25	46203 DANV_T2	0	0	0	0	0	0	0.16	0.1	0	0	0	0	0	0
9/13/2023 21:25

9/13/2023 21:34	41902 REED_T1	0	0	0	0	0	0	1.12	1.18	0	0	0	0	0	0
9/13/2023 21:42	60803 BUCK_T1	57	129	72	0.31	0.41	0.1	-0.61	-0.6	1	1	0	600	600	0
9/14/2023 0:28	49803 UNIV_T1	0	0	0	0	0	0	-1.26	-1.25	0	0	0	0	0	0
9/14/2023 0:28	56501 ROCK_T2	2	7	5	0.5	0.31	-0.19	-0.16	-0.21	0	0	0	0	0	0
9/14/2023 0:28	11104 EGYP_T1	0	0	0	0	0	0	0.48	0.45	0	0	0	0	0	0
9/14/2023 0:28	64101 REFR_T1	3	3	0	9.1	9.43	0.33	0.18	0.16	0	0	0	0	0	0
9/14/2023 0:28	40101 HUNT_T2	74	164	90	0.33	0.45	0.12	-0.59	-0.65	0	0	0	0	0	0
9/14/2023 0:28	45902 AUBU_T1	0	0	0	0	0	0	-1.75	-1.71	2	2	0	1200	1200	0
9/14/2023 0:28	52402 GRPA_T2	2	3	1	1.7	1.53	-0.17	0	0	0	0	0	0	0	0
9/14/2023 0:28	29401 BELT_T1	0	0	0	0	0	0	0	0	3	3	0	2700	2700	0
9/14/2023 0:28	41901 REED_T1	0	0	0	0	0	0	-1.49	-1.5	1	1	0	900	900	0
9/14/2023 0:28	60801 BUCK_T1	192	192	0	1.59	1.76	0.17	-0.4	-0.41	0	0	0	0	0	0
9/14/2023 0:28	44201 POIN_T1	0	0	0	0	0	0	-4.49	-4.46	4	4	0	4200	4200	0
9/14/2023 0:28	43001 ALWD_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9/14/2023 0:28	26603 BROO_T1	0	0	0	0	0	0	0.17	0.16	0	0	0	0	0	0
9/14/2023 0:28	43301 WATS_T2	1	1	0	0.1	0.5	0.4	0	0	0	0	0	0	0	0
9/14/2023 0:28	28604 BLYT_T2	0	0	0	0	0	0	-1.34	-1.34	0	0	0	0	0	0
9/14/2023 0:28	47101 MARL_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9/14/2023 0:28	59003 MIFF_T1	0	0	0	0	0	0	0.66	0.76	0	0	0	0	0	0
9/14/2023 0:28	11102 EGYP_T1	0	0	0	0	0	0	-0.43	-0.43	0	0	0	0	0	0
9/14/2023 0:28	67502 WEWI_T2	0	0	0	0	0	0	-2.86	-2.97	2	2	0	1800	1800	0
9/14/2023 0:28	54001 SDLE_T1	1	1	0	0.4	0.7	0.3	0	0	1	1	0	600	600	0
9/14/2023 0:28	15001 BLMO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9/14/2023 0:28	16302 ALPA_T2	0	0	0	0	0	0	0.72	0.68	0	0	0	0	0	0
9/14/2023 0:28	42901 MIDD_T2	160	254	94	0.28	0.38	0.1	0	0	0	0	0	0	0	0
9/14/2023 0:28	17804 GILB_T2	0	0	0	0	0	0	-0.56	-0.56	0	0	0	0	0	0
9/14/2023 0:28	55101 WERT_T1	0	0	0	0	0	0	-1.67	-1.63	3	3	0	2400	2400	0
9/14/2023 0:28	41801 GOCI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9/14/2023 0:28	10805 CHHI_T2	1	1	0	8.3	8.2	-0.1	-0.91	-0.97	1	1	0	600	600	0
9/14/2023 0:28	44502 HAMI_T2	1	1	0	3.5	3.6	0.1	-0.38	-0.4	0	0	0	0	0	0
9/14/2023 0:28	20401 ASHF_T2	0	1	1	0	0	0	0	0	0	0	0	0	0	0
9/14/2023 0:28	67602 WARW_T2	0	0	0	0	0	0	0.49	0.49	1	1	0	1200	1200	0
9/14/2023 0:28	56802 BENV_T2	1	1	0	0.7	0.8	0.1	-4.01	-4.15	0	0	0	0	0	0
9/14/2023 0:28	62604 ENGL_T1	0	0	0	0	0	0	-1.39	-1.31	1	1	0	600	600	0
9/14/2023 0:28	43202 MVIL_T2	0	0	0	0	0	0	-0.71	-0.71	0	0	0	0	0	0
9/14/2023 1:06	52403 GRPA_T2	0	0	0	0	0	0	0.03	0.01	0	0	0	0	0	0
9/14/2023 2:23	64301 LINC_T1	0	0	0	0	0	0	0.24	0.2	0	0	0	0	0	0
9/14/2023 3:17	52402 GRPA_T2	1	1	0	3.2	3.3	0.1	0	0	0	0	0	0	0	0
9/14/2023 3:18	52403 GRPA_T2	0	0	0	0	0	0	0.01	-0.03	0	0	0	0	0	0
9/14/2023 3:44	20403 ASHF_T2	0	0	0	0	0	0	0.15	0.01	0	0	0	0	0	0
9/14/2023 3:45	20403 ASHF_T2	0	0	0	0	0	0	0.15	0.01	0	0	0	0	0	0
9/14/2023 6:56	20403 ASHF_T2	0	2	2	0	0.2	0.2	1.44	1.47	0	0	0	0	0	0
9/14/2023 6:57	20403 ASHF_T2	0	2	2	0	0.2	0.2	1.44	1.47	0	0	0	0	0	0
9/14/2023 7:17	54701 NEBL_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9/14/2023 8:08	56802 BENV_T2	2	169	167	0.55	0.28	-0.27	-1.36	-1.34	0	0	0	0	0	0
9/14/2023 8:09	56802 BENV_T2	2	169	167	0.55	0.28	-0.27	-1.36	-1.34	0	0	0	0	0	0
9/14/2023 8:14	42903 MIDD_T2	2	2	0	0.25	0.3	0.05	0	0	0	0	0	0	0	0
9/14/2023 8:15	42902 MIDD_T2	0	0	0	0	0	0	-0.23	-0.29	1	1	0	600	600	0
9/14/2023 8:18	54701 NEBL_T1	0	0	0	0	0	0	0	0	1	1	0	600	600	0
9/14/2023 8:20	59101 WALK_T2	1	1	0	0	0	0	2.17	2.15	1	1	0	600	600	0
9/14/2023 8:33	13901 SEID_T1	0	0	0	0	0	0	0.24	0.24	0	0	0	0	0	0
9/14/2023 8:41	53601 DALM_T2	1	1	0	0.8	0.7	-0.1	-0.45	-0.4	2	2	0	1500	1500	0
9/14/2023 8:49	13901 SEID_T1	0	0	0	0	0	0	-1.06	-1.05	1	1	1	0	1200	1200
9/14/2023 8:54	46203 DANV_T2	0	3	3	0	0.27	0.27	-0.05	-0.04	0	0	0	0	0	0
9/14/2023 8:59	45802 HEGI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9/14/2023 9:01	52403 GRPA_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9/14/2023 9:12	40101 HUNT_T2	0	0	0	0	0	0	-0.51	-0.47	0	0	0	0	0	0
9/14/2023 9:16	49803 UNIV_T1	1	1	0	0.5	0.2	-0.3	-1.14	-1.07	0	0	0	0	0	0
9/14/2023 9:18	14401 SSLA_T1	0	1	1	0	0.2	0.2	0	0	0	0	0	0	0	0
9/14/2023 9:22	14402 SSLA_T1	1	2	1	0.1	0.15	0.05	0	0	0	0	0	0	0	0
9/14/2023 9:23	56802 BENV_T2	162	137	-25	0.28	0.25	-0.03	-1.31	-1.27	0	0	0	0	0	0
9/14/2023 9:25	60801 BUCK_T1	196	196	0	1.9	2.03	0.13	-0.09	-0.19	0	0	0	0	0	0
9/14/2023 9:25	26603 BROO_T1	0	0	0	0	0	0	0.13	0.12	0	0	0	0	0	0
9/14/2023 9:27	26603 BROO_T1	0	0	0	0	0	0	0.13	0.12	0	0	0	0	0	0
9/14/2023 9:28	46504 LOHA_T1	2	2	0	0.85	0.55	-0.3	0	0	0	0	0	0	0	0
9/14/2023 9:31	52403 GRPA_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9/14/2023 9:32	43202 MVIL_T2	0	0	0	0	0	0	-0.6	-0.58	0	0	0	0	0	0
9/14/2023 9:33	43202 MVIL_T2	0	0	0	0	0	0	-0.6	-0.58	0	0	0	0	0	0
9/14/2023 9:35	66701 STRA_T1	0	1	1	0	0.2	0.2	0	0	0	0	0	0	0	0
9/14/2023 9:36	65902 SAAR_T2	0	0	0	0	0	0	0.05	0.04	1	1	0	300	300	0
9/14/2023 9:36	13704 SCHN_T2	0	0	0	0	0	0	-0.24	-0.19	0	0	0	0	0	0
9/14/2023 9:37	56802 BENV_T2	115	216	101	0.23	0.43	0.2	-1.27	-1.24	0	0	0	0	0	0
9/14/2023 9:38	56802 BENV_T2	115	216	101	0.23	0.43	0.2	-1.27	-1.24	0	0	0	0	0	0
9/14/2023 9:40	56802 BENV_T2	115	216	101	0.23	0.43	0.2	-1.27	-1.24	0	0	0	0	0	0
9/14/2023 9:46	46801 HEPB_T2	2	2	0	0.55	0.4	-0.15	0.76	0.77	0	0	0	0	0	0
9/14/2023 9:48	57304 MOAL_T2	1	3	2	0.5	0.33	-0.17	-0.47	-0.45	0	0	0	0	0	0
9/14/2023 9:49	42001 MNVL_T2	0	1	1	0	0.2	0.2	0.15	0.15	0	0	0	0	0	0
9/14/2023 9:49	41901 REED_T1	0	0	0	0	0	0	-1.2	-1.24	1	1	0	900	900	0
9/14/2023 9:54	20403 ASHF_T2	2	1	-1	0.5	0.9	0.4	0.71	0.74	0	0	0	0	0	0
9/14/2023 9:54	43001 ALWD_T1	0	0	0	0	0	0	0	0	1	1	0	1200	1200	0
9/14/2023 9:55	53501 EVIL_T2	1	1	0	0.4	0.1	-0.3	-0.24	-0.16	2	2	0	1200	1200	0
9/14/2023 9:55	20403 ASHF_T2	2	1	-1	0.5	0.9	0.4	0.71	0.74	0	0	0	0	0	0
9/14/2023 9:55	45902 AUBU_T1	0	0	0	0	0	0	-0.25	-0.28	1	1	0	600	600	0
9/14/2023 9:56	53501 EVIL_T2	1	1	0	0.4	0.1	-0.3	-0.24	-0.16	2	2	0	1200	1200	0
9/14/2023 9:56	10801 CHHI_T1	0	0	0	0	0	0	-0.33	-0.61	1	1	0	900	900	0
9/14/2023 9:56	23401 HONE_T2	0	0	0	0	0	0	-0.19	-0.12	0	0	0	0	0	0
9/14/2023 9:57	53501 EVIL_T2	1	1	0	0.4	0.1	-0.3	-0.24	-0.16	2	2	0	1200	1200	0
9/14/2023 10:00	64802 MONE_T2	3	4	1	0.2	0.45	0.25	0	0	0	0	0	0	0	0
9/14/2023 10:00	15604 NSTR_T1	0	0	0	0	0	0	0.03	0	0	0	0	0	0	0
9/14/2023 10:00	59301 MCAL_T1	3	6	3	0.4	0.47	0.07	-1.48	-1.51	1	1	0	600	600	0
9/14/2023 10:00	56601 HAMP_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9/14/2023 10:00	12604 MACA_T1	0	0	0	0	0	0	0.49	0.49	0	0	0	0	0	0
9/14/2023 10:00	64101 REFR_T1	3	3	0	7.27	7.23	-0.04	0.01	0.03	0	0	0	0	0	0
9/14/2023 10:00	52401 GRPA_T2	0	1	1	0	0.2	0.2	0	0	0	0	0	0	0	0
9/14/2023 10:00	20401 ASHF_T2	0	0	0	0	0	0	-0.16	-0.09	1	1	0	600	600	0
9/14/2023 10:00	49803 UNIV_T1	1	1	0	0.1	0.4	0.3	-1.02	-0.98	0	0	0	0	0	0
9/14/2023 10:00	45901 AUBU_T1	0	0	0	0	0	0	1.68	1.67	0	0	0	0	0	0
9/14/2023 10:00	45802 HEGI_T2	0	0	0	0	0	0	1.52	1.34	1	1	0	300	300	0
9/14/2023 10:00	54701 NEBL_T1	0	7	7	0	0.36	0.36	0	0	0	1	1	0	600	600
9/14/2023 10:00	52503 PROG_T2	0	0	0	0	0	0	-0.55	-0.55	1	1	0	900	900	0
9/14/2023 10:00	10602 BLGL_T2	0	0	0	0	0	0	1.08	0.98	0	0	0	0	0	0
9/14/2023 10:00	67604 WARW_T1	0	0	0	0	0	0	0.75	0.78	0	0	0	0	0	0
9/14/2023 10:01	60801 BUCK_T1	196	195	-1	1.89	1.89	0	0	0	0	0	0	0	0	0
9/14/2023 10:07	56802 BENV_T2	216	120	-96	0.43	0.21	-0.22	-1.09	-1.04	0	0	0	0	0	0
9/14/2023 10:08	56802 BENV_T2	216	120	-96	0.43	0.21	-0.22	-0.55	-0.52	0	0	0	0	0	0
9/14/2023 10:09	56802 BENV_T2	216	120	-96	0.43	0.21	-0.22	-1.09	-1.04	0	0	0	0	0	0
9/14/2023 10:09	43001 ALWD_T1	0	0	0	0	0	0	0	0	1	1	0	1200	1200	0
9/14/2023 10:10	20403 ASHF_T2	1	1	0	0.9	0.8	-0.1	1.48	1.63	0	0	0	0	0	0
9/14/2023 10:10	44801 EDAN_T2	0	1	1	0	0	0	0	0	0	0	0	0	0	0
9/14/2023 10:10	60803 BUCK_T1	32	35	3	0.3	0.36	0.06	0	0	0	0	0	0	0	0
9/14/2023 10:10	53601 DALM_T2	1	1	0	0.4	0.3	-0.1	-0.37	-0.38	2	2	0	1500	1500	0
9/14/2023 10:10	15001 BLMO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9/14/2023 10:10	56802 BENV_T2	216	120	-96	0.43	0.21	-0.22	-1.09	-1.04	0	0	0	0	0	0
9/14/2023 10:11	15001 BLMO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9/14/2023 10:11	56802 BENV_T2	216	120	-96	0.43	0.21	-0.22	-0.55	-0.52	0	0	0	0	0	0
9/14/2023 10:11	53501 EVIL_T2	1	0	-1	0.1	0	-0.1	-0.31	-0.27	4	4	0	2400	2400	0
9/14/2023 10:12	13901 SEID_T1	0	0	0	0	0	0	-0.9	-0.93	1	1	0	1200	1200	0
9/14/2023 10:12	23401 HONE_T2	0	0	0	0	0	0	-0.12	-0.1	0	0	0	0	0	0
9/14/2023 10:12	46203 DANV_T2	2	6	4	0.3	0.43	0.13	-0.03	-0.03	0	0	0	0	0	0
9/14/2023 10:12	10801 CHHI_T1	0	0	0	0	0	0	-0.61	-0.55	1	1	0	900	900	0
9/14/2023 10:13	44801 EDAN_T2	0	1	1	0	0	0	0	0	0	0	0	0	0	0
9/14/2023 10:13	28403 HART_T2	0	0	0	0	0	0	-0.57	-0.59	1	1	0	900	900	0
9/14/2023 10:13	53501 EVIL_T2	1	0	-1	0.1	0	-0.1	-0.16	-0.14	2	2	0	1200	1200	0
9/14/2023 10:15	40101 HUNT_T2	0	1	1	0	4.5	4.5	-0.43	-0.46	0	0	0	0	0	0
9/14/2023 10:15	17804 GILB_T2	1	2	1	1.3	1.15	-0.15	-0.52	-0.5	0	0	0	0	0	0
9/14/2023 10:17	58402 MORO_T1	0	0	0	0	0	0	-0.81	-0.77	2	2	0	1500	1500	0
9/14/2023 10:17	47101 MARL_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9/14/2023 10:17	40101 HUNT_T2	0	1	1	0	4.5	4.5	-0.43	-0.46	0	0	0	0	0	0
9/14/2023 10:18	58401 MORO_T1	2	2	0	0.25	0.4	0.15	0	0	0	0	0	0	0	0
9/14/2023 10:18	64301 LINC_T1	0	0	0	0	0	0	0.4	0.38	1	1	0	600	600	0
9/14/2023 10:18	44201 POIN_T1	0	0	0	0	0	0	-0.5	-0.41	2	2	0	2100	2100	0
9/14/2023 10:19	54701 NEBL_T1	7	5	-2	0.36	0.18	-0.18	0	0	1	1	0	600	600	0
9/14/2023 10:19	56501 ROCK_T2	3	2	-1	0.5	0.7	0.2	-0.1	-0.09	0	0	0	0	0	0
9/14/2023 10:19	44201 POIN_T1	0	0	0	0	0	0	-0.82	-2.13	4	4	0	4200	4200	0
9/14/2023 10:19	58401 MORO_T1	2	2	0	0.25	0.4	0.15	0	0	0	0	0	0	0	0
9/14/2023 10:19	57304 MOAL_T2	3	1	-2	0.33	0.6	0.27	-0.45	-0.43	0	0	0	0	0	0
9/14/2023 10:19	64802 MONE_T2	4	5	1	0.4	0.34	-0.06	0.43	0.43	0	0	0	0	0	0
9/14/2023 10:20	67204 TEHI_T2	0	0	0	0	0	0	0.04	0.05	0	0	0	0	0	0
9/14/2023 10:20	41901 REED_T1	0	0	0	0	0	0	-1.22	-1.17	1	1	0	900	900	0
9/14/2023 10:21	44201 POIN_T1	0	0	0	0	0	0	-0.41	-1.06	2	2	0	2100	2100	0
9/14/2023 10:21	59101 WALK_T2	2	2	0	0.6	0.2	-0.4	2.29	2.34	0	0	0	0	0	0
9/14/2023 10:22	26603 BROO_T1	0	0	0	0	0	0	0.16	0.18	0	0	0	0	0	0
9/14/2023 10:22	59101 WALK_T2	2	2	0	0.6	0.2	-0.4	2.29	2.34	0	0	0	0	0	0
9/14/2023 10:22	66505 SMAN_T2	0	0	0	0	0	0	0.82	0.86	2	2	0	1100	1100	0
9/14/2023 10:23	67502 WEWI_T2	0	1	1	0	0.5	0.5	-0.03	-0.02	0	0	0	0	0	0
9/14/2023 10:23	59101 WALK_T2	2	2	0	0.6	0.2	-0.4	2.29	2.34	0	0	0	0	0	0
9/14/2023 10:23	66505 SMAN_T2	0	0	0	0	0	0	0.82	0.86	2	2	0	1100	1100	0
9/14/2023 10:23	67204 TEHI_T2	0	0	0	0	0	0	0.04	0.05	0	0	0	0	0	0
9/14/2023 10:24	67502 WEWI_T2	0	1	1	0	0.5	0.5	-0.03	-0.02	0	0	0	0	0	0
9/14/2023 10:24	26603 BROO_T1	0	0	0	0	0	0	0.16	0.18	0	0	0	0	0	0
9/14/2023 10:25	43304 WATS_T2	0	0	0	0	0	0	-0.14	-0.26	0	0	0	0	0	0
9/14/2023 10:25	24101 EHAZ_T1	0	1	1	0	0	0	0.56	0.72	2	2	0	1200	1200	0
9/14/2023 10:25	28604 BLYT_T2	0	0	0	0	0	0	-1.34	-1.32	0	0	0	0	0	0
9/14/2023 10:25	15001 BLMO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9/14/2023 10:25	67502 WEWI_T2	0	1	1	0	0.5	0.5	-0.03	-0.02	0	0	0	0	0	0
9/14/2023 10:28	61802 EELI_T2	1	1	0	0.8	1.3	0.5	0	0	0	0	0	0	0	0
9/14/2023 10:28	40902 JESH_T1	0	0	0	0	0	0	-0.25	-0.27	1	1	0	600	600	0
9/14/2023 10:28	52402 GRPA_T2	7	7	0	1.04	0.96	-0.08	0	0	0	0	0	0	0	0
9/14/2023 10:29	17804 GILB_T2	1	2	1	1.3	1.15	-0.15	0	0	0	0	0	0	0	0
9/14/2023 10:29	12701 MACU_T1	0	0	0	0	0	0	0.2	0.18	0	0	0	0	0	0
9/14/2023 10:29	43402 BENT_T1	2	3	1	0.4	0.53	0.13	-1.2	-1.21	2	2	0	1500	1500	0
9/14/2023 10:32	12701 MACU_T1	0	0	0	0	0	0	0.2	0.18	0	0	0	0	0	0
9/14/2023 10:32	42902 MIDD_T2	2	0	-2	0.35	0	-0.35	-0.34	-0.26	1	1	0	600	600	0
9/14/2023 10:33	12701 MACU_T1	0	0	0	0	0	0	0.2	0.18	0	0	0	0	0	0
9/14/2023 10:33	43202 MVIL_T2	0	1	1	0	0.1	0.1	-0.58	-0.57	0	0	0	0	0	0
9/14/2023 10:34	65604 QVIL_T2	0	0	0	0	0	0	0.56	0.57	0	0	0	0	0	0
9/14/2023 10:35	65604 QVIL_T2	0	0	0	0	0	0	0.56	0.57	0	0	0	0	0	0
9/14/2023 10:35	43202 MVIL_T2	0	1	1	0	0.1	0.1	-0.57	-0.55	0	0	0	0	0	0
9/14/2023 10:37	59101 WALK_T2	2	4	2	0.1	0.5	0.4	2.34	1.99	0	0	0	0	0	0
9/14/2023 10:39	15001 BLMO_T1	0	1	1	0	0.1	0.1	0	0	0	0	0	0	0	0
9/14/2023 10:39	59101 WALK_T2	2	4	2	0.1	0.5	0.4	2.34	1.99	0	0	0	0	0	0
9/14/2023 10:41	46001 BERW_T1	0	0	0	0	0	0	1.06	1.09	0	0	0	0	0	0
9/14/2023 10:42	15001 BLMO_T1	0	1	1	0	0.1	0.1	0	0	0	0	0	0	0	0
9/14/2023 10:42	53501 EVIL_T2	0	1	1	0	0.2	0.2	-0.1	-0.19	2	2	0	1200	1200	0
9/14/2023 10:43	52004 LING_T2	2	2	0	0.3	0.55	0.25	0.44	0.44	0	0	0	0	0	0
9/14/2023 10:44	46803 HEPB_T2	0	1	1	0	0.3	0.3	0	0	0	0	0	0	0	0
9/14/2023 10:44	42902 MIDD_T2	2	0	-2	0.35	0	-0.35	-0.26	-0.18	1	1	0	600	600	0
9/14/2023 10:50	67503 WEWI_T2	0	0	0	0	0

9/14/2023 11:40	53601 DALM_T2	1	1	0	0.3	0.5	0.2	-0.35	-0.43	2	2	0	1500	1500	0
9/14/2023 11:41	52403 GRPA_T2	2	7	5	0.9	0.47	-0.43	0.16	0.25	0	0	0	0	0	0
9/14/2023 11:41	23401 HONE_T2	1	1	0	0.4	0.7	0.3	-0.14	-0.17	0	0	0	0	0	0
9/14/2023 11:41	26603 BROO_T1	0	0	0	0	0	0	0.17	0.18	0	0	0	0	0	0
9/14/2023 11:42	40902 JESH_T1	0	0	0	0	0	0	-0.12	-0.17	1	1	0	600	600	0
9/14/2023 11:45	52402 GRPA_T2	18	23	5	0.64	0.61	-0.03	0	0	0	0	0	0	0	0
9/14/2023 11:46	41801 GOCI_T2	1	6	5	0.3	0.33	0.03	0	0	0	0	0	0	0	0
9/14/2023 11:46	47402 PENS_T1	0	1	1	0	0.1	0.1	0	0	0	0	0	0	0	0
9/14/2023 11:47	47402 PENS_T1	0	1	1	0	0.1	0.1	0	0	0	0	0	0	0	0
9/14/2023 11:48	47403 PENS_T1	1	3	2	2.1	0.87	-1.23	0	0	0	0	0	0	0	0
9/14/2023 11:48	44202 POIN_T2	0	0	0	0	0	0	-0.34	-0.41	2	2	0	2400	2400	0
9/14/2023 11:48	44203 POIN_T2	0	0	0	0	0	0	-0.52	-0.64	4	4	0	4200	4200	0
9/14/2023 11:49	44203 POIN_T2	0	0	0	0	0	0	-0.32	-0.16	2	2	0	2100	2100	0
9/14/2023 11:49	57303 MOAL_T2	1	1	0	7.3	7.5	0.2	0	0	0	0	0	0	0	0
9/14/2023 11:50	47401 PENS_T1	0	1	1	0	0.3	0.3	1.25	1.37	0	0	0	0	0	0
9/14/2023 11:50	53501 EVIL_T2	0	1	1	0	0.6	0.6	-0.16	-0.34	2	2	0	1200	1200	0
9/14/2023 11:50	42802 SELI_T1	0	1	1	0	0.1	0.1	-1.11	-1.11	2	2	0	1800	1800	0
9/14/2023 11:50	44202 POIN_T2	0	0	0	0	0	0	-0.21	-0.23	1	1	0	1200	1200	0
9/14/2023 11:51	44203 POIN_T2	0	0	0	0	0	0	-0.32	-0.16	2	2	0	2100	2100	0
9/14/2023 11:51	44203 POIN_T2	0	0	0	0	0	0	-0.32	-0.16	2	2	0	2100	2100	0
9/14/2023 11:51	47403 PENS_T1	1	3	2	2.1	0.87	-1.23	0	0	0	0	0	0	0	0
9/14/2023 11:52	66505 SMAN_T2	0	0	0	0	0	0	1.28	1.55	4	4	0	3000	3000	0
9/14/2023 11:52	26603 BROO_T1	0	0	0	0	0	0	0.18	0.18	0	0	0	0	0	0
9/14/2023 11:52	44203 POIN_T2	0	0	0	0	0	0	-0.32	-0.16	2	2	0	2100	2100	0
9/14/2023 11:52	29401 BELT_T1	36	44	8	0.19	0.22	0.03	0	0	2	2	0	1800	1800	0
9/14/2023 11:54	44203 POIN_T2	0	0	0	0	0	0	-0.64	-0.31	4	4	0	4200	4200	0
9/14/2023 11:54	26603 BROO_T1	0	0	0	0	0	0	0.18	0.18	0	0	0	0	0	0
9/14/2023 11:55	46001 BERW_T1	0	0	0	0	0	0	1.1	1.08	0	0	0	0	0	0
9/14/2023 11:55	53601 DALM_T2	0	1	1	0	1	1	-0.43	-0.54	2	2	0	1500	1500	0
9/14/2023 11:56	44302 BEAV_T2	0	6	6	0	0.33	0.33	0	0	0	0	0	0	0	0
9/14/2023 11:57	41801 GOCI_T2	1	6	5	0.3	0.33	0.03	0	0	0	0	0	0	0	0
9/14/2023 11:58	40902 JESH_T1	0	0	0	0	0	0	-0.17	0	1	1	0	600	600	0
9/14/2023 12:02	47401 PENS_T1	0	1	1	0	0.3	0.3	1.25	1.37	0	0	0	0	0	0
9/14/2023 12:03	47401 PENS_T1	0	1	1	0	0.3	0.3	1.25	1.37	0	0	0	0	0	0
9/14/2023 12:04	47403 PENS_T1	3	1	-2	0.87	1.9	1.03	0	0	0	0	0	0	0	0
9/14/2023 12:04	66901 SHIL_T2	3	8	5	0.13	0.15	0.02	-1.25	-1.25	1	1	0	1200	1200	0
9/14/2023 12:06	47402 PENS_T1	1	0	-1	0.1	0	-0.1	0	0	0	0	0	0	0	0
9/14/2023 12:07	26603 BROO_T1	0	0	0	0	0	0	0.18	0.17	0	0	0	0	0	0
9/14/2023 12:08	44302 BEAV_T2	0	6	6	0	0.45	0.45	0.27	0.28	0	0	0	0	0	0
9/14/2023 12:08	29402 BELT_T1	4	3	-1	0.45	0.6	0.15	0	0	0	0	0	0	0	0
9/14/2023 12:09	26603 BROO_T1	0	0	0	0	0	0	0.18	0.17	0	0	0	0	0	0
9/14/2023 12:12	44302 BEAV_T2	0	6	6	0	0.45	0.45	0	0	0	0	0	0	0	0
9/14/2023 12:12	41801 GOCI_T2	1	8	7	0.2	0.34	0.14	0	0	0	0	0	0	0	0
9/14/2023 12:13	40902 JESH_T1	0	0	0	0	0	0	0	-0.1	1	1	0	600	600	0
9/14/2023 12:16	52403 GRPA_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9/14/2023 12:33	47402 PENS_T1	0	1	1	0	0.3	0.3	0	0	0	0	0	0	0	0
9/14/2023 12:34	47403 PENS_T1	1	1	0	1.8	1.9	0.1	0	0	0	0	0	0	0	0
9/14/2023 12:35	47402 PENS_T1	0	1	1	0	0.3	0.3	0	0	0	0	0	0	0	0
9/14/2023 12:52	42701 AUGU_T1	2	1	-1	0.15	0.1	-0.05	0	0	4	4	0	3600	3600	0
9/14/2023 12:55	29402 BELT_T1	2	2	0	0.55	0.75	0.2	0	0	0	0	0	0	0	0
9/14/2023 13:02	57303 MOAL_T2	1	1	0	7.4	7.5	0.1	0	0	0	0	0	0	0	0
9/14/2023 13:15	52402 GRPA_T2	23	10	-13	0.54	0.66	0.12	0	0	0	0	0	0	0	0
9/14/2023 13:16	52403 GRPA_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9/14/2023 13:20	42802 SELI_T1	2	2	0	0.35	0.95	0.6	-3.39	-3.34	2	2	0	1800	1800	0
9/14/2023 13:21	65902 SAKR_T2	0	0	0	0	0	0	0.06	0.1	1	1	0	300	300	0
9/14/2023 13:25	53601 DALM_T2	1	1	0	0.8	1.1	0.3	-0.51	-0.5	2	2	0	1500	1500	0
9/14/2023 13:31	52403 GRPA_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9/14/2023 13:42	52403 GRPA_T2	2	2	0	0.55	0.6	0.05	-0.17	-0.14	0	0	0	0	0	0
9/14/2023 13:43	48302 ORWI_T2	2	2	0	0.55	0.45	-0.1	0.33	0.36	0	0	0	0	0	0
9/14/2023 13:45	52403 GRPA_T2	4	2	-2	0.6	0.38	-0.22	-0.17	-0.14	0	0	0	0	0	0
9/14/2023 13:46	52403 GRPA_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9/14/2023 13:47	54701 NEBL_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9/14/2023 13:55	46001 BERW_T1	0	0	0	0	0	0	1.17	1.17	0	0	0	0	0	0
9/14/2023 13:57	46001 BERW_T1	0	0	0	0	0	0	1.17	1.17	0	0	0	0	0	0
9/14/2023 14:04	42802 SELI_T1	1	4	3	1	0.45	-0.55	-1.64	-1.66	1	1	0	900	900	0
9/14/2023 14:05	42802 SELI_T1	1	4	3	1	0.45	-0.55	-1.64	-1.66	1	1	0	900	900	0
9/14/2023 14:07	45802 HEGI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9/14/2023 14:07	20403 ASHF_T2	3	5	2	0.13	0.46	0.33	0.74	0.68	0	0	0	0	0	0
9/14/2023 14:07	67503 WEWI_T2	0	0	0	0	0	0	0.14	0.11	0	0	0	0	0	0
9/14/2023 14:09	15001 BLMO_T1	1	1	0	0.1	0.2	0.1	0	0	0	0	0	0	0	0
9/14/2023 14:09	67502 WEWI_T2	1	2	1	0.3	0.25	-0.05	0.18	0.15	0	0	0	0	0	0
9/14/2023 14:09	67502 WEWI_T2	1	2	1	0.3	0.25	-0.05	0.18	0.15	0	0	0	0	0	0
9/14/2023 14:10	67502 WEWI_T2	1	2	1	0.3	0.25	-0.05	0.37	0.3	0	0	0	0	0	0
9/14/2023 14:10	15001 BLMO_T1	1	1	0	0.1	0.2	0.1	0	0	0	0	0	0	0	0
9/14/2023 14:10	42701 AUGU_T1	1	1	0	0.2	0.1	-0.1	0	0	2	2	0	1800	1800	0
9/14/2023 14:10	20403 ASHF_T2	3	5	2	0.13	0.46	0.33	0.74	0.68	0	0	0	0	0	0
9/14/2023 14:11	62602 ENGL_T1	1	1	0	0.4	0.5	0.1	0	0	0	0	0	0	0	0
9/14/2023 14:11	24101 EHAZ_T1	0	2	2	0	0	0	0.92	0.91	2	2	0	1200	1200	0
9/14/2023 14:11	42701 AUGU_T1	1	1	0	0.2	0.1	-0.1	0	0	2	2	0	1800	1800	0
9/14/2023 14:11	15001 BLMO_T1	1	1	0	0.1	0.2	0.1	0	0	0	0	0	0	0	0
9/14/2023 14:11	46001 BERW_T1	0	0	0	0	0	0	1.17	1.2	0	0	0	0	0	0
9/14/2023 14:12	53601 DALM_T2	1	1	0	0.7	1.2	0.5	-0.55	-0.69	2	2	0	1500	1500	0
9/14/2023 14:12	15001 BLMO_T1	1	1	0	0.1	0.2	0.1	0	0	0	0	0	0	0	0
9/14/2023 14:13	62604 ENGL_T1	0	0	0	0	0	0	-2.17	-1.92	2	2	0	1200	1200	0
9/14/2023 14:14	52403 GRPA_T2	0	4	4	0	0.38	0.38	-0.14	-0.15	0	0	0	0	0	0
9/14/2023 14:16	52402 GRPA_T2	4	6	2	1.15	0.75	-0.4	0	0	0	0	0	0	0	0
9/14/2023 14:16	53901 HALI_T2	3	3	0	0.63	0.63	0	0	0	0	0	0	0	0	0
9/14/2023 14:18	42201 SHEN_T2	0	2	2	1	0.15	0.15	0.23	0.28	1	1	0	600	600	0
9/14/2023 14:19	65902 SAKR_T2	0	0	0	0	0	0	0.02	0.06	1	1	0	300	300	0
9/14/2023 14:21	26002 WDAM_T1	3	2	-1	0.33	0.5	0.17	0	0	0	0	0	0	0	0
9/14/2023 14:21	55101 WERT_T1	0	0	0	0	0	0	-1.49	-1.48	3	3	0	2400	2400	0
9/14/2023 14:21	45901 AUBU_T1	0	0	0	0	0	0	1.59	1.65	0	0	0	0	0	0
9/14/2023 14:22	55101 WERT_T1	0	0	0	0	0	0	-1.49	-1.48	3	3	0	2400	2400	0
9/14/2023 14:23	53601 DALM_T2	1	1	0	0.4	1.2	0	-0.69	-0.78	2	2	0	1500	1500	0
9/14/2023 14:23	43402 BENT_T1	2	3	1	0.4	0.27	-0.13	-1.16	-1.2	2	2	0	1500	1500	0
9/14/2023 14:23	45902 AUBU_T1	0	0	0	0	0	0	-0.49	-0.4	1	1	0	600	600	0
9/14/2023 14:23	66505 SMAN_T2	0	0	0	0	0	0	0.64	0.63	2	2	0	1500	1500	0
9/14/2023 14:24	55101 WERT_T1	0	0	0	0	0	0	-2.97	-2.97	6	6	0	4800	4800	0
9/14/2023 14:25	66505 SMAN_T2	0	0	0	0	0	0	0.64	0.63	2	2	0	1500	1500	0
9/14/2023 14:25	45901 AUBU_T1	0	0	0	0	0	0	1.59	1.65	0	0	0	0	0	0
9/14/2023 14:25	55101 WERT_T1	0	0	0	0	0	0	-1.49	-1.48	3	3	0	2400	2400	0
9/14/2023 14:25	60803 BUCK_T1	8	5	-3	0.26	0.3	0.04	-0.39	-0.41	1	1	0	600	600	0
9/14/2023 14:26	62602 ENGL_T1	1	1	0	0.5	0.1	-0.4	0	0	0	0	0	0	0	0
9/14/2023 14:26	46001 BERW_T1	0	0	0	0	0	0	1.2	1.21	0	0	0	0	0	0
9/14/2023 14:26	60803 BUCK_T1	180	180	0	0.98	1.09	0.11	0	0	0	0	0	0	0	0
9/14/2023 14:26	45902 AUBU_T1	0	0	0	0	0	0	-0.49	-0.4	1	1	0	600	600	0
9/14/2023 14:27	24101 EHAZ_T1	0	2	2	0	0	0	0.91	0.93	2	2	0	1200	1200	0
9/14/2023 14:27	40101 HUNT_T2	0	0	0	0	0	0	-0.23	-0.21	0	0	0	0	0	0
9/14/2023 14:27	62604 ENGL_T1	0	0	0	0	0	0	-0.96	-0.98	1	1	0	600	600	0
9/14/2023 14:28	45003 LIME_2	1	1	0	2.4	2.6	0.2	0	0	1	1	0	1200	1200	0
9/14/2023 14:28	62602 ENGL_T1	1	1	0	0.5	0.1	-0.4	0	0	0	0	0	0	0	0
9/14/2023 14:29	62602 ENGL_T1	1	1	0	0.5	0.1	-0.4	0	0	0	0	0	0	0	0
9/14/2023 14:29	40101 HUNT_T2	0	0	0	0	0	0	-0.23	-0.21	0	0	0	0	0	0
9/14/2023 14:29	23401 HONE_T2	0	0	0	0	0	0	-0.15	-0.12	0	0	0	0	0	0
9/14/2023 14:30	52404 GRPA_T2	0	4	4	0	0	0	0	0	0	0	0	0	0	0
9/14/2023 14:30	42902 MIDD_T2	5	8	3	0.7	0.39	-0.31	-0.1	-0.15	1	1	0	600	600	0
9/14/2023 14:30	45003 LIME_2	1	1	0	2.4	3	0.6	0	0	1	1	0	1200	1200	0
9/14/2023 14:30	62602 ENGL_T1	1	0	-1	0.1	0	-0.1	0	0	0	0	0	0	0	0
9/14/2023 14:31	12701 MACU_T1	0	0	0	0	0	0	0.29	0.31	0	0	0	0	0	0
9/14/2023 14:31	10801 CHHI_T1	6	18	12	0.75	0.47	-0.28	-0.85	-0.86	2	2	0	1500	1500	0
9/14/2023 14:31	64802 MONE_T2	4	2	-2	0.4	0.4	0	0.37	0.39	0	0	0	0	0	0
9/14/2023 14:31	52402 GRPA_T2	6	6	0	0.73	0.73	0	0	0	0	0	0	0	0	0
9/14/2023 14:31	64802 MONE_T2	4	2	-2	0.4	0.4	0	0.37	0.39	0	0	0	0	0	0
9/14/2023 14:32	46506 LOHA_T1	0	1	1	0	9.5	9.5	-0.24	-0.23	0	0	0	0	0	0
9/14/2023 14:32	54701 NEBL_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9/14/2023 14:32	12701 MACU_T1	0	0	0	0	0	0	0.29	0.31	0	0	0	0	0	0
9/14/2023 14:33	54701 NEBL_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9/14/2023 14:34	44601 SALE_T2	0	0	0	0	0	0	1.26	0.17	1	2	1	600	900	300
9/14/2023 14:34	12701 MACU_T1	0	0	0	0	0	0	0.31	0.32	0	0	0	0	0	0
9/14/2023 14:34	44201 POIN_T1	0	0	0	0	0	0	-0.62	-0.68	2	2	0	2100	2100	0
9/14/2023 14:34	42902 MIDD_T2	5	8	3	0.7	0.39	-0.31	-0.15	-0.05	1	1	0	600	600	0
9/14/2023 14:35	44201 POIN_T1	0	0	0	0	0	0	-0.62	-0.68	2	2	0	2100	2100	0
9/14/2023 14:35	65902 SAKR_T2	0	0	0	0	0	0	0.06	0.07	1	1	0	300	300	0
9/14/2023 14:36	45902 AUBU_T1	0	0	0	0	0	0	-0.4	-0.52	1	1	0	600	600	0
9/14/2023 14:37	15001 BLMO_T1	0	1	1	0	0.1	0.1	0	0	0	0	0	0	0	0
9/14/2023 14:37	55101 WERT_T1	0	0	0	0	0	0	-2.97	-3.06	6	6	0	4800	4800	0
9/14/2023 14:37	44201 POIN_T1	0	0	0	0	0	0	-0.62	-0.68	2	2	0	2100	2100	0
9/14/2023 14:37	45901 AUBU_T1	0	0	0	0	0	0	3.3	3.33	0	0	0	0	0	0
9/14/2023 14:38	20403 ASHF_T2	4	3	-1	0.28	0.4	0.12	0.71	0.51	0	0	0	0	0	0
9/14/2023 14:39	53601 DALM_T2	1	1	0	1.2	1.2	0	-0.78	-0.57	2	2	0	1500	1500	0
9/14/2023 14:39	45902 AUBU_T1	0	0	0	0	0	0	-0.4	-0.52	1	1	0	600	600	0
9/14/2023 14:40	62602 ENGL_T1	1	0	-1	0.1	0	-0.1	0	0	0	0	0	0	0	0
9/14/2023 14:40	20403 ASHF_T2	4	3	-1	0.28	0.4	0.12	0.71	0.51	0	0	0	0	0	0
9/14/2023 14:40	55101 WERT_T1	0	0	0	0	0	0	-1.48	-1.53	3	3	0	2400	2400	0
9/14/2023 14:40	66505 SMAN_T2	0	1	1	0	0	0	1.26	1.34	4	4	0	3000	3000	0
9/14/2023 14:40	15001 BLMO_T1	0	1	1	0	0.1	0.1	0	0	0	0	0	0	0	0
9/14/2023 14:40	45902 AUBU_T1	0	0	0	0	0	0	-0.4	-0.52	1	1	0	600	600	0
9/14/2023 14:41	62602 ENGL_T1	1	0	-1	0.1	0	-0.1	0	0	0	0	0	0	0	0
9/14/2023 14:41	55101 WERT_T1	0	0	0	0	0	0	-2.97	-3.06	6	6	0	4800	4800	0
9/14/2023 14:41	60801 BUCK_T1	178	180	2	1.08	1.02	-0.06	0	0	0	0	0	0	0	0
9/14/2023 14:41	29401 BELT_T1	1	4	3	0.5	0.15	-0.35	0	0	2	2	0	1800	1800	0
9/14/2023 14:42	15001 BLMO_T1	0	1	1	0	0.1	0.1	0	0	0	0	0	0	0	0
9/14/2023 14:42	24101 EHAZ_T1	4	4	0	6.38	6.2	-0.18	0	0	0	0	0	0	0	0
9/14/2023 14:43	46001 BERW_T1	0	0	0	0	0	0	1.21	1.2	0	0	0	0	0	0
9/14/2023 14:43	40101 HUNT_T2	0	0	0	0	0	0	-0.21	-0.21	0	0	0	0	0	0
9/14/2023 14:43	62604 ENGL_T1	0	0	0	0	0	0	-0.98	-0.94	1	1	0	600	600	0
9/14/2023 14:43	40902 JESH_T1	0	0	0	0	0	0	-0.91	-1.01	1	1	0	600	600	0
9/14/2023 14:44	44904 SCOT_T1	4	0	-4	0.15	0	-0.15	0.98	0.92	0	0	0	0	0	0
9/14/2023 14:44	42903 MIDD_T2	2	2	0	0.3	0.5	0.2	0	0	0	0	0	0	0	0
9/14/2023 14:44	62604 ENGL_T1	0	0	0	0	0	0	-0.98	-0.94	1	1	0	600	600	0
9/14/2023 14:44	52004 LING_T2	0	0	0	0	0	0	0.52	0.49	0	0	0	0	0	0
9/14/2023 14:44	40101 HUNT_T2	0	0	0	0	0	0	-0.21	-0.21	0	0	0	0	0	0
9/14/2023 14:46	52404 GRPA_T2	0	4	4	0	0	0	0	0	0	0	0	0	0	0
9/14/2023 14:47	64802 MONE_T2	2	2	0	0.4	0.4	0	0	0	0	0	0	0	0	0
9/14/2023 14:47	57303 MOAL_T2	1	1	0	7.6	7.7	0.1	0	0	0	0	0	0	0	0
9/14/2023 14:47	59402 RFLD_T2	0	0	0	3	0	0	-1.05	-1.19	1	1	0	450	450	0
9/14/2023 14:47	10805 CHHI_T2	1	4	3	9	8.9	-0.1	-0.95	-0.72	2	2	0	1800	1800	0
9/14/2023 14:47	10801 CHHI_T1	8	18	10	0.69	0.47	-0.22	-0.86	-1.01	2	2	0	1500	1500	0
9/14/2023 14:47	54701 NEBL_T1	0	0	0	0	0	0	0	0	1	1	0	600	600	0
9/14/2023 14:47	12701 MACU_T1	0	0	0	0	0	0	0.62	0.64	0	0	0	0	0	0
9/14/2023 14:49	12701 MACU_T1	0	0	0	0	0	0	0.32	0.31	0	0	0	0	0	0
9/14/2023 14:52	64101 REFR_T1	4	3	-1	4.95	6.53	1.58	0.18	0.2	0	0	0	0	0	0
9/14/2023 14:52	45902 AUBU_T1	0	0	0	0	0	0	-0.52	-0.52	1	1	0	600	600	0
9/14/2023 14:52	15001 BLMO_T1	0	1	1	0	0.1	0.1	0	0	0	0	0	0	0	0
9/14/2023 14:59	26401 INOR_T1	2	31	29	0.15	0.14	-0.01	0	0	0	0	0	0	0	0
9/14/2023 14:59	23401 HONE_T2	0	1	1	0	0.2	0.2	-0.13	-0.16	0	0	0	0	0	0
9/14/2023 15:03	45802 HEGI_T2	0	0	0	0	0	0	0.65	0.57	1	1	0	300	300	0
9/14/2023 15:17	45802 HEGI_T2	0	0	0	0	0	0	0	0

9/14/2023 20:57	16302 ALPA_T2	0	0	0	0	0	0	0.86	0.87	0	0	0	0	0	0
9/14/2023 21:12	24105 EHAZ_T1	4	4	0	5.3	5.28	-0.02	0	0	0	0	0	0	0	0
9/14/2023 21:12	26402 INOR_T1	0	0	0	0	0	0	-0.34	-0.35	0	0	0	0	0	0
9/14/2023 21:14	65901 SAKR_T2	0	0	0	0	0	0	-0.2	-0.21	0	0	0	0	0	0
9/14/2023 21:15	29401 BELT_T1	24	7	-17	0.14	0.1	-0.04	0	0	0	0	0	0	0	0
9/14/2023 21:15	44201 POIN_T1	0	0	0	0	0	0	-2.14	-2.21	0	0	0	0	0	0
9/14/2023 21:16	60101 COCA_T1	0	0	0	0	0	0	0.38	0.43	0	0	0	0	0	0
9/14/2023 21:16	67503 WEWI_T2	0	0	0	0	0	0	0.02	0.03	0	0	0	0	0	0
9/14/2023 21:16	67502 WEWI_T2	5	0	-5	0.1	0	-0.1	-1.29	-1.25	0	0	0	0	0	0
9/14/2023 21:17	15001 BLMO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9/14/2023 21:17	43402 BENT_T1	0	0	0	0	0	0	-0.9	-0.93	0	0	0	0	0	0
9/14/2023 21:17	10805 CHHI_T2	1	1	0	8.5	8.3	-0.2	-0.7	-0.72	0	0	0	0	0	0
9/14/2023 21:18	45902 AUBU_T1	9	89	80	0.12	0.19	0.07	-0.85	-0.85	0	0	0	0	0	0
9/14/2023 21:18	47101 MARL_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9/14/2023 21:19	20403 ASHF_T2	0	0	0	0	0	0	0.25	0.28	0	0	0	0	0	0
9/14/2023 21:19	12701 MACU_T1	0	0	0	0	0	0	-1.12	-1.13	0	0	0	0	0	0
9/14/2023 21:19	23401 HONE_T2	0	0	0	0	0	0	-0.33	-0.32	0	0	0	0	0	0
9/14/2023 21:19	44203 POIN_T2	0	0	0	0	0	0	-1.06	-1.05	0	0	0	0	0	0
9/14/2023 21:19	45902 AUBU_T1	9	89	80	0.12	0.19	0.07	-0.85	-0.94	0	0	0	0	0	0
9/14/2023 21:20	26603 BROO_T1	0	0	0	0	0	0	0.12	0.2	0	0	0	0	0	0
9/14/2023 21:20	67502 WEWI_T2	5	0	-5	0.1	0	-0.1	-1.25	-0.25	0	0	0	0	0	0
9/14/2023 21:21	60101 COCA_T1	0	0	0	0	0	0	0.43	0.4	0	0	0	0	0	0
9/14/2023 21:22	45003 LIME_2	2	2	0	2.3	2.7	0.4	0	0	0	0	0	0	0	0
9/14/2023 21:22	41802 GOCI_T2	14	20	6	0.23	0.23	0	0	0	0	0	0	0	0	0
9/14/2023 21:22	64801 MONE_T2	0	0	0	0	0	0	0.38	0.36	0	0	0	0	0	0
9/14/2023 21:22	10801 CHHI_T1	0	0	0	0	0	0	-1.25	-1.25	0	0	0	0	0	0
9/14/2023 21:22	56802 BENV_T2	128	262	134	0.25	0.43	0.18	-1.26	-1.28	0	0	0	0	0	0
9/14/2023 21:22	28604 BLYT_T2	0	0	0	0	0	0	-1.31	-1.3	0	0	0	0	0	0
9/14/2023 21:23	62604 ENGL_T1	0	0	0	0	0	0	-0.78	-0.83	0	0	0	0	0	0
9/14/2023 21:23	26603 BROO_T1	0	0	0	0	0	0	0.12	0.2	0	0	0	0	0	0
9/14/2023 21:24	44601 SALE_T2	0	0	0	0	0	0	0.92	0.98	0	0	0	0	0	0
9/14/2023 21:24	29401 BELT_T1	24	7	-17	0.14	0.1	-0.04	0	0	0	0	0	0	0	0
9/14/2023 21:24	42901 MIDD_T2	1	47	46	0.1	0.21	0.11	0	0	0	0	0	0	0	0
9/14/2023 21:24	60803 BUCK_T1	83	145	62	0.4	0.49	0.09	0	0	0	0	0	0	0	0
9/14/2023 21:25	41901 REED_T1	10	11	1	0.3	0.32	0.02	-1.58	-1.54	0	0	0	0	0	0
9/14/2023 21:25	17804 GILB_T2	0	0	0	0	0	0	-0.51	-0.52	0	0	0	0	0	0
9/14/2023 21:25	28403 HART_T2	0	0	0	0	0	0	-0.55	-0.56	0	0	0	0	0	0
9/14/2023 21:26	44202 POIN_T2	0	0	0	0	0	0	-0.46	-0.58	0	0	0	0	0	0
9/14/2023 21:26	43302 WATS_T2	1	4	3	0.1	0.4	0.3	0	0	0	0	0	0	0	0
9/14/2023 21:26	62604 ENGL_T1	0	0	0	0	0	0	-0.78	-0.83	0	0	0	0	0	0
9/14/2023 21:27	43301 WATS_T2	1	1	0	1.1	1.3	0.2	0	0	0	0	0	0	0	0
9/14/2023 21:27	20403 ASHF_T2	0	0	0	0	0	0	0.25	0.28	0	0	0	0	0	0
9/14/2023 21:28	42901 MIDD_T2	1	47	46	0.1	0.21	0.11	0	0	0	0	0	0	0	0
9/14/2023 21:28	43202 MVIL_T2	0	0	0	0	0	0	-0.71	-0.7	0	0	0	0	0	0
9/14/2023 21:29	43402 BENT_T1	0	0	0	0	0	0	-0.93	-0.93	0	0	0	0	0	0
9/14/2023 21:30	65902 SAKR_T2	0	0	0	0	0	0	-0.03	-0.05	0	0	0	0	0	0
9/14/2023 21:30	44201 POIN_T1	0	0	0	0	0	0	-2.21	-1.81	0	0	0	0	0	0
9/14/2023 21:30	55101 WERT_T1	0	0	0	0	0	0	-1.23	-1.19	0	0	0	0	0	0
9/14/2023 21:30	64101 REPR_T1	3	3	0	7.73	8.7	0.97	0.04	0.02	0	0	0	0	0	0
9/14/2023 21:30	43001 ALWD_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9/14/2023 21:31	40101 HUNT_T2	0	0	0	0	0	0	-0.46	-0.43	0	0	0	0	0	0
9/14/2023 21:36	52404 GRPA_T2	1	1	0	0.2	0.5	0.3	0	0	0	0	0	0	0	0
9/14/2023 22:17	43402 BENT_T1	0	0	0	0	0	0	-0.94	-0.95	0	0	0	0	0	0
9/14/2023 22:29	43402 BENT_T1	0	0	0	0	0	0	-0.95	-0.93	0	0	0	0	0	0
9/14/2023 23:17	43402 BENT_T1	0	0	0	0	0	0	-0.95	-0.94	0	0	0	0	0	0
9/14/2023 23:29	43402 BENT_T1	0	0	0	0	0	0	-0.94	-0.95	0	0	0	0	0	0
9/15/2023 0:17	43402 BENT_T1	0	0	0	0	0	0	-0.96	-0.96	0	0	0	0	0	0
9/15/2023 0:28	60803 BUCK_T1	78	148	70	0.34	0.32	-0.02	-2.05	-2.04	0	0	0	0	0	0
9/15/2023 0:28	64302 LINC_T2	0	0	0	0	0	0	0.97	0.99	0	0	0	0	0	0
9/15/2023 0:28	46001 BERW_T1	0	0	0	0	0	0	0.7	0.67	0	0	0	0	0	0
9/15/2023 0:28	59402 RFLD_T2	12	11	-1	0.23	0.17	-0.06	-1.28	-1.3	0	0	0	0	0	0
9/15/2023 0:28	67503 WEWI_T2	0	0	0	0	0	0	-0.39	-0.4	0	0	0	0	0	0
9/15/2023 0:28	45003 LIME_2	28	35	7	0.34	0.53	0.19	0	0	0	0	0	0	0	0
9/15/2023 0:28	56501 ROCK_T2	11	11	0	0.46	0.72	0.26	-0.42	-0.44	0	0	0	0	0	0
9/15/2023 0:28	59101 WALK_T2	1	1	0	0	0	0	4.5	4.87	0	0	0	0	0	0
9/15/2023 0:28	44202 POIN_T2	0	0	0	0	0	0	-2.77	-2.87	0	0	0	0	0	0
9/15/2023 0:28	46506 IOHA_T1	1	1	0	0.2	0.3	0.1	-0.49	-0.48	0	0	0	0	0	0
9/15/2023 0:28	28403 HART_T2	0	0	0	0	0	0	-0.68	-0.67	0	0	0	0	0	0
9/15/2023 0:28	61801 EELI_T2	2	2	0	0.45	0.2	-0.25	-0.33	-0.35	0	0	0	0	0	0
9/15/2023 0:28	67502 WEWI_T2	0	0	0	0	0	0	-1.61	-1.58	0	0	0	0	0	0
9/15/2023 0:28	57304 MOAL_T2	1	0	-1	0.4	0	-0.4	-0.57	-0.6	0	0	0	0	0	0
9/15/2023 0:28	49804 UNIV_T1	1	4	3	0.5	0.43	-0.07	0	0	0	0	0	0	0	0
9/15/2023 0:28	44201 POIN_T1	0	0	0	0	0	0	-3.87	-3.77	0	0	0	0	0	0
9/15/2023 0:28	42802 SELL_T1	0	0	0	0	0	0	-0.12	-0.11	0	0	0	0	0	0
9/15/2023 0:28	17805 GILB_T2	0	0	0	0	0	0	0.08	0.02	0	0	0	0	0	0
9/15/2023 0:28	26002 WDAM_T1	14	14	0	0.24	0.24	0	0	0	0	0	0	0	0	0
9/15/2023 0:28	44202 POIN_T2	0	0	0	0	0	0	-2.77	-2.87	0	0	0	0	0	0
9/15/2023 0:28	55101 WERT_T1	0	0	0	0	0	0	-5.65	-5.87	0	0	0	0	0	0
9/15/2023 0:28	52006 LING_T2	1	2	1	0.1	0.1	0	0	0	0	0	0	0	0	0
9/15/2023 0:28	40101 HUNT_T2	0	2	2	0	0.15	0.15	-0.6	-0.61	0	0	0	0	0	0
9/15/2023 0:28	45901 AUBU_T1	0	0	0	0	0	0	4.84	4.99	0	0	0	0	0	0
9/15/2023 0:28	13901 SEID_T1	0	0	0	0	0	0	-1.1	-1.11	0	0	0	0	0	0
9/15/2023 0:28	58402 MORO_T1	0	0	0	0	0	0	-3.84	-3.86	0	0	0	0	0	0
9/15/2023 0:28	53601 DALM_T2	1	1	0	0.9	1	0.1	0.7	0.7	0	0	0	0	0	0
9/15/2023 0:28	62604 ENGL_T1	0	0	0	0	0	0	-2.63	-2.68	0	0	0	0	0	0
9/15/2023 0:28	52402 GRPA_T2	2	2	0	2.05	1.95	-0.1	0	0	0	0	0	0	0	0
9/15/2023 0:28	65603 QVIL_T2	157	263	106	0.21	0.22	0.01	0	0	0	0	0	0	0	0
9/15/2023 0:28	40902 JESH_T1	0	0	0	0	0	0	-0.9	-0.89	0	0	0	0	0	0
9/15/2023 0:28	53903 HAU_T2	2	2	0	1.25	1.3	0.05	-0.31	-0.31	0	0	0	0	0	0
9/15/2023 0:28	43202 MVIL_T2	0	0	0	0	0	0	-0.75	-0.76	0	0	0	0	0	0
9/15/2023 0:28	46203 DANV_T2	0	0	0	0	0	0	-0.21	-0.21	0	0	0	0	0	0
9/15/2023 0:28	15001 BLMO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9/15/2023 0:28	64802 MONE_T2	0	0	0	0	0	0	0.17	0.16	0	0	0	0	0	0
9/15/2023 0:28	12701 MACU_T1	0	0	0	0	0	0	0.02	0.01	0	0	0	0	0	0
9/15/2023 0:28	59302 MCAL_T1	1	1	0	0.5	0.5	0	0	0	0	0	0	0	0	0
9/15/2023 0:28	13503 MCMI_T2	0	0	0	0	0	0	-0.01	-0.01	0	0	0	0	0	0
9/15/2023 0:28	66505 SMAN_T2	3	3	0	0.5	0.8	0.3	-0.57	-0.71	0	0	0	0	0	0
9/15/2023 0:28	53501 EVIL_T2	3	7	4	0.1	0.14	0.04	-0.8	-1.18	0	0	0	0	0	0
9/15/2023 0:28	10801 CHHI_T1	0	0	0	0	0	0	-0.89	-0.89	0	0	0	0	0	0
9/15/2023 0:28	64305 LINC_T1	2	2	0	0.25	0.45	0.2	0	0	0	0	0	0	0	0
9/15/2023 0:28	44802 EDAN_T2	0	0	0	0	0	0	-2.73	-2.69	0	0	0	0	0	0
9/15/2023 0:28	45802 HEGI_T2	0	0	0	0	0	0	0.63	0.76	0	0	0	0	0	0
9/15/2023 0:28	66703 STRA_T1	0	4	4	0	0.1	0.1	-0.44	-0.4	0	0	0	0	0	0
9/15/2023 0:28	42701 AUGU_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9/15/2023 0:28	48302 ORWI_T2	2	2	0	1.05	1.1	0.05	-0.13	-0.15	0	0	0	0	0	0
9/15/2023 0:28	44904 SCOT_T1	0	0	0	0	0	0	0.56	0.52	0	0	0	0	0	0
9/15/2023 0:28	42001 MNVL_T2	0	0	0	0	0	0	-0.07	-0.08	0	0	0	0	0	0
9/15/2023 0:28	54701 NEBL_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9/15/2023 0:28	56802 BENV_T2	1	1	0	1	0.8	-0.2	-10.17	-10.04	0	0	0	0	0	0
9/15/2023 0:28	45901 AUBU_T1	0	0	0	0	0	0	4.84	4.99	0	0	0	0	0	0
9/15/2023 0:28	42201 SHEN_T2	0	0	0	0	0	0	0.54	0.54	0	0	0	0	0	0
9/15/2023 0:28	46801 HEPB_T2	2	2	0	0.55	0.75	0.2	0.47	0.47	0	0	0	0	0	0
9/15/2023 0:28	43304 WATS_T2	0	0	0	0	0	0	-2.18	-2.21	0	0	0	0	0	0
9/15/2023 0:29	43402 BENT_T1	0	0	0	0	0	0	-0.96	-0.96	0	0	0	0	0	0
9/15/2023 0:44	43402 BENT_T1	0	0	0	0	0	0	-0.96	-0.96	0	0	0	0	0	0
9/15/2023 0:46	44203 POIN_T2	0	0	0	0	0	0	-0.02	0	0	0	0	0	0	0
9/15/2023 1:39	43304 WATS_T2	0	0	0	0	0	0	-0.76	-0.77	0	0	0	0	0	0
9/15/2023 2:07	52403 GRPA_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9/15/2023 2:25	52403 GRPA_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9/15/2023 3:04	20403 ASHF_T2	0	0	0	0	0	0	0.17	0.01	0	0	0	0	0	0
9/15/2023 3:22	20403 ASHF_T2	0	0	0	0	0	0	0.01	0.03	0	0	0	0	0	0
9/15/2023 3:25	52402 GRPA_T2	2	2	0	2.05	2.15	0.1	0	0	0	0	0	0	0	0
9/15/2023 3:26	52401 GRPA_T2	0	1	1	0	0.1	0.1	0	0	0	0	0	0	0	0
9/15/2023 3:37	45802 HEGI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9/15/2023 3:38	45802 HEGI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9/15/2023 4:04	20403 ASHF_T2	0	0	0	0	0	0	0	0.07	0	0	0	0	0	0
9/15/2023 4:07	15001 BLMO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9/15/2023 4:19	43202 MVIL_T2	74	66	-8	0.23	0.27	0.04	-0.76	-0.76	0	0	0	0	0	0
9/15/2023 4:20	15001 BLMO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9/15/2023 4:20	43202 MVIL_T2	74	66	-8	0.23	0.27	0.04	-0.76	-0.76	0	0	0	0	0	0
9/15/2023 4:28	20403 ASHF_T2	0	0	0	0	0	0	0.07	0.09	0	0	0	0	0	0
9/15/2023 4:36	52403 GRPA_T2	0	0	0	0	0	0	0.02	0.02	0	0	0	0	0	0
9/15/2023 4:37	52402 GRPA_T2	2	2	0	1.85	1.6	-0.25	0	0	0	0	0	0	0	0
9/15/2023 5:20	20403 ASHF_T2	0	0	0	0	0	0	0.03	0.01	0	0	0	0	0	0
9/15/2023 5:25	20403 ASHF_T2	0	0	0	0	0	0	0.03	0.01	0	0	0	0	0	0
9/15/2023 5:42	20403 ASHF_T2	0	0	0	0	0	0	0.01	0.04	0	0	0	0	0	0
9/15/2023 5:53	20403 ASHF_T2	0	0	0	0	0	0	0.04	0.08	0	0	0	0	0	0
9/15/2023 7:04	54701 NEBL_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9/15/2023 8:00	42902 MIDD_T2	0	0	0	0	0	0	0.39	0.38	0	0	0	0	0	0
9/15/2023 8:02	54701 NEBL_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9/15/2023 8:16	42903 MIDD_T2	2	2	0	0.95	1.15	0.2	0	0	0	0	0	0	0	0
9/15/2023 8:21	59102 WALK_T2	0	2	2	0	0.25	0.25	0	0	0	0	0	0	0	0
9/15/2023 8:22	56802 BENV_T2	239	588	349	0.49	0.41	-0.08	-1.39	-1.38	0	0	0	0	0	0
9/15/2023 8:23	56802 BENV_T2	239	588	349	0.49	0.41	-0.08	-1.39	-1.38	0	0	0	0	0	0
9/15/2023 8:24	56802 BENV_T2	239	588	349	0.49	0.41	-0.08	-1.39	-1.38	0	0	0	0	0	0
9/15/2023 8:27	45802 HEGI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9/15/2023 8:32	40101 HUNT_T2	0	0	0	0	0	0	-0.47	-0.46	0	0	0	0	0	0
9/15/2023 8:38	53601 DALM_T2	1	1	0	1	0.9	-0.1	0.27	0.24	0	0	0	0	0	0
9/15/2023 8:41	46801 HEPB_T2	3	2	-1	0.67	0.9	0.23	0.56	0.62	0	0	0	0	0	0
9/15/2023 8:47	52403 GRPA_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9/15/2023 8:52	60801 BUCK_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9/15/2023 8:53	46203 DANV_T2	0	0	0	0	0	0	-0.13	-0.12	0	0	0	0	0	0
9/15/2023 9:06	55101 WERT_T1	0	0	0	0	0	0	-0.87	-0.73	0	0	0	0	0	0
9/15/2023 9:06	59101 WALK_T2	4	4	0	0.3	0.33	0.03	1.46	1.91	0	0	0	0	0	0
9/15/2023 9:07	55101 WERT_T1	0	0	0	0	0	0	-1.73	-1.46	0	0	0	0	0	0
9/15/2023 9:09	55101 WERT_T1	0	0	0	0	0	0	-1.73	-1.46	0	0	0	0	0	0
9/15/2023 9:11	26603 BROO_T1	0	0	0	0	0	0	0.92	0.84	0	0	0	0	0	0
9/15/2023 9:12	60801 BUCK_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9/15/2023 9:20	59102 WALK_T2	2	1	-1	0.55	0.4	-0.15	0	0	0	0	0	0	0	0
9/15/2023 9:21	13704 SCHN_T2	0	1	1	0	0	0	-0.28	-0.29	0	0	0	0	0	0
9/15/2023 9:22	60803 BUCK_T1	166	162	-4	0.54	0.46	-0.08	0	0	0	0	0	0	0	0
9/15/2023 9:23	14404 SSLA_T1	3	3	0	0.2	0.23	0.03	0	0	0	0	0	0	0	0
9/15/2023 9:24	56802 BENV_T2	291	199	-92	0.46	0.36	-0.1	-1.38	-1.35	0	0	0	0	0	0
9/15/2023 9:24	14401 SSLA_T1	2	1	-1	0.15	0.8	0.65	0	0	0	0	0	0	0	0
9/15/2023 9:25	59102 WALK_T2	2	1	-1	0.55	0.4	-0.15	0	0	0	0	0	0	0	0
9/15/2023 9:27	45802 HEGI_T2	0	0	0	0	0	0	1.12	1.03	0	0	0	0	0	0
9/15/2023 9:27	52402 GRPA_T2	7	3	-4	0.87	1.23	0.36	0	0	0	0	0	0	0	0
9/15/2023 9:29	13503 MCMI_T2	0	0	0	0	0	0	-0.01	-0.01	0	0	0	0	0	0
9/15/2023 9:32	43202 MVIL_T2	0	1	1	0	0.6	0.6	-0.69	-0.65	0	0	0	0	0	0
9/15/2023 9:34	43202 MVIL_T2	0	1	1	0	0.6	0.6	-0.65	-0.67	0	0	0	0	0	0
9/15/2023 9:35	42201 SHEN_T2	0	0	0	0	0	0	-0.02	-0.02	0	0	0	0	0	0
9/15/2023 9:38	42001 MNVL_T2	3	1	-2	0.33	0.3	-0.03	0.08	0.07	0	0	0	0	0	0
9/15/2023 9:40	40201 BEGA_T2	2	2	0	0.45	0.55	0.1	0	0	0	0	0	0	0	0
9/15/2023 9:47	41901 REED_T1	0	0	0	0	0	0	-1.4	-1.37	0	0	0	0	0	0
9/15/2023 9:47	47101 MARL_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9/15/2023 9:52	20403 ASHF_T2	4	4	0	0.33	0.48	0.15	1.06	0.99	0	0	0	0	0	0
9/15/2023 9:53	15001 BLMO_T1	0	2	2	0	0.1	0.1	0	0	0	0	0	0	0	0
9/15/2023 9:54	20401 ASHF_T2	0	2	2	0	0.4	0.4	0	0	0	0	0	0	0	0
9/15/2023 9:54	60803 BUCK_T1	159	168	9	0.46	0.49	0.03	-0.78	-0.83	0	0	0	0	0	0
9/15/2023 9:56	60801 BUCK_T1	210	232	22	2.7

9/15/2023 10:11	60801 BUCK_T1	229	227	-2	2.37	2.44	0.07	0	0	0	0	0	0	0	0
9/15/2023 10:12	53501 EVIL_T2	8	8	0	0.63	1.1	0.47	-0.09	-0.02	0	0	0	0	0	0
9/15/2023 10:13	23401 HONE_T2	0	0	0	0	0	0	-0.19	-0.22	0	0	0	0	0	0
9/15/2023 10:13	56802 BENV_T2	72	144	72	0.18	0.27	0.09	-1.32	-1.3	0	0	0	0	0	0
9/15/2023 10:13	46203 DANV_T2	3	6	3	0.33	0.65	0.32	-0.01	-0.02	0	0	0	0	0	0
9/15/2023 10:14	47101 MARL_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9/15/2023 10:15	45802 HEGI_T2	0	0	0	0	0	0	0.94	1.17	0	0	0	0	0	0
9/15/2023 10:15	28403 HART_T2	0	0	0	0	0	0	-0.66	-0.68	0	0	0	0	0	0
9/15/2023 10:16	46803 HEPB_T2	1	1	0	0.1	0.2	0.1	0	0	0	0	0	0	0	0
9/15/2023 10:17	13503 MCMI_T2	0	0	0	0	0	0	-0.01	-0.01	0	0	0	0	0	0
9/15/2023 10:17	46801 HEPB_T2	2	2	0	1	1.05	0.05	0	0	0	0	0	0	0	0
9/15/2023 10:17	12701 MACU_T1	0	0	0	0	0	0	0.15	0.2	0	0	0	0	0	0
9/15/2023 10:18	54701 NEBL_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9/15/2023 10:19	43202 MVIL_T2	1	1	0	0.8	0.8	0	-1.28	-1.32	0	0	0	0	0	0
9/15/2023 10:20	67502 WEWI_T2	1	5	4	0.2	0.38	0.18	-0.14	-0.26	0	0	0	0	0	0
9/15/2023 10:20	42002 MNVL_T2	1	1	0	2.7	2.8	0.1	0	0	0	0	0	0	0	0
9/15/2023 10:21	59101 WALK_T2	1	3	2	0	0.95	0.95	1.59	1.59	0	0	0	0	0	0
9/15/2023 10:21	66505 SMAN_T2	0	0	0	0	0	0	0.7	0.64	0	0	0	0	0	0
9/15/2023 10:22	44301 BEAV_T2	0	0	0	0	0	0	0.14	0.12	0	0	0	0	0	0
9/15/2023 10:22	59102 WALK_T2	0	2	2	0	0.45	0.45	0	0	0	0	0	0	0	0
9/15/2023 10:23	67502 WEWI_T2	1	5	4	0.2	0.38	0.18	-0.14	-0.26	0	0	0	0	0	0
9/15/2023 10:23	12701 MACU_T1	0	0	0	0	0	0	0.2	0.18	0	0	0	0	0	0
9/15/2023 10:23	28604 BLYT_T2	0	0	0	0	0	0	-1.38	-1.35	0	0	0	0	0	0
9/15/2023 10:24	15001 BLMO_T1	1	1	0	0.1	0.2	0.1	0	0	0	0	0	0	0	0
9/15/2023 10:24	67502 WEWI_T2	1	5	4	0.2	0.38	0.18	-0.14	-0.26	0	0	0	0	0	0
9/15/2023 10:25	61803 EELI_T2	1	1	0	1	1.7	0.7	0	0	0	0	0	0	0	0
9/15/2023 10:26	17803 GILB_T2	0	1	1	0	0.2	0.2	0	0	0	0	0	0	0	0
9/15/2023 10:26	17803 GILB_T2	0	1	1	0	0.2	0.2	0	0	0	0	0	0	0	0
9/15/2023 10:26	15001 BLMO_T1	1	1	0	0.1	0.2	0.1	0	0	0	0	0	0	0	0
9/15/2023 10:27	52402 GRPA_T2	4	4	0	0.9	1.23	0.33	0	0	0	0	0	0	0	0
9/15/2023 10:27	40101 HUNT_T2	0	0	0	0	0	0	-0.44	-0.46	0	0	0	0	0	0
9/15/2023 10:27	15001 BLMO_T1	1	1	0	0.1	0.2	0.1	0	0	0	0	0	0	0	0
9/15/2023 10:28	44802 EDAN_T2	0	0	0	0	0	0	-4.05	-4.02	0	0	0	0	0	0
9/15/2023 10:28	53601 DALM_T2	1	1	0	1	1	0	-0.56	-0.51	0	0	0	0	0	0
9/15/2023 10:29	44802 EDAN_T2	0	0	0	0	0	0	-2.02	-2.01	0	0	0	0	0	0
9/15/2023 10:29	42903 MIDD_T2	2	2	0	1.25	1.35	0.1	0	0	0	0	0	0	0	0
9/15/2023 10:29	43402 BENT_T1	1	2	1	0.5	0.3	-0.2	-0.64	-1.25	0	0	0	0	0	0
9/15/2023 10:30	40101 HUNT_T2	0	1	1	0	0.2	0.2	-0.44	-0.46	0	0	0	0	0	0
9/15/2023 10:30	17805 GILB_T2	1	1	0	0.5	0.4	-0.1	0.31	0.31	0	0	0	0	0	0
9/15/2023 10:31	12701 MACU_T1	0	0	0	0	0	0	0.2	0.18	0	0	0	0	0	0
9/15/2023 10:32	45003 LIME_2	1	1	0	4	3.7	-0.3	0	0	0	0	0	0	0	0
9/15/2023 10:32	42903 MIDD_T2	2	2	0	1.35	1.05	-0.3	0	0	0	0	0	0	0	0
9/15/2023 10:33	56501 ROCK_T2	6	3	-3	0.22	0.1	-0.12	-0.43	-0.4	0	0	0	0	0	0
9/15/2023 10:35	49804 UNIV_T1	1	1	0	0.5	0.3	-0.2	0	0	0	0	0	0	0	0
9/15/2023 10:35	67502 WEWI_T2	4	5	1	0.33	0.32	-0.01	0	0	0	0	0	0	0	0
9/15/2023 10:36	45902 AUBU_T1	0	0	0	0	0	0	-0.25	-0.28	0	0	0	0	0	0
9/15/2023 10:36	67502 WEWI_T2	4	5	1	0.33	0.32	-0.01	0	0	0	0	0	0	0	0
9/15/2023 10:37	65604 QVIL_T2	4	4	0	0.43	0.45	0.02	0	0	0	0	0	0	0	0
9/15/2023 10:38	66701 STRA_T1	1	1	0	1.1	1.2	0.1	0	0	0	0	0	0	0	0
9/15/2023 10:38	15001 BLMO_T1	1	1	0	0.2	0.1	-0.1	0	0	0	0	0	0	0	0
9/15/2023 10:39	61302 EARL_T1	1	1	0	0.6	0.5	-0.1	0	0	0	0	0	0	0	0
9/15/2023 10:42	40902 JESH_T1	0	0	0	0	0	0	0.09	0.04	0	0	0	0	0	0
9/15/2023 10:47	65003 NEFF_T2	2	2	0	0.3	0.3	0	0	0	0	0	0	0	0	0
9/15/2023 10:48	42903 MIDD_T2	2	2	0	1	1.05	0.05	0	0	0	0	0	0	0	0
9/15/2023 10:48	42201 SHEN_T2	0	1	1	0	0.4	0.4	0	0	0	0	0	0	0	0
9/15/2023 10:51	65604 QVIL_T2	3	4	1	0.47	0.35	-0.12	0.62	0.63	0	0	0	0	0	0
9/15/2023 10:51	43304 WATS_T2	0	0	0	0	0	0	-0.46	-0.42	0	0	0	0	0	0
9/15/2023 10:53	45902 AUBU_T1	0	0	0	0	0	0	-0.28	-0.37	0	0	0	0	0	0
9/15/2023 10:55	67402 WAKE_T2	2	3	1	0.4	0.33	-0.07	0	0	0	0	0	0	0	0
9/15/2023 10:55	29402 BELT_T1	0	1	1	0	0.1	0.1	0	0	0	0	0	0	0	0
9/15/2023 10:59	28403 HART_T2	0	0	0	0	0	0	-0.69	-0.64	0	0	0	0	0	0
9/15/2023 10:59	52002 LING_T2	0	1	1	0	0.1	0.1	0	0	0	0	0	0	0	0
9/15/2023 11:00	45003 LIME_2	1	1	0	3.5	3.9	0.4	0	0	0	0	0	0	0	0
9/15/2023 11:02	64801 MONE_T2	2	0	-2	0.15	0	-0.15	0.31	0.32	0	0	0	0	0	0
9/15/2023 11:02	44201 POIN_T1	0	0	0	0	0	0	-0.72	-0.53	0	0	0	0	0	0
9/15/2023 11:04	59101 WALK_T2	3	2	-1	0.95	0.1	-0.85	1.83	1.75	0	0	0	0	0	0
9/15/2023 11:04	15603 NSTR_T2	1	1	0	0.4	0.8	0.4	-0.61	-0.59	0	0	0	0	0	0
9/15/2023 11:05	59101 WALK_T2	3	2	-1	0.95	0.1	-0.85	1.83	1.75	0	0	0	0	0	0
9/15/2023 11:06	46001 BERW_T1	0	0	0	0	0	0	1.01	1.05	0	0	0	0	0	0
9/15/2023 11:06	13704 SCHN_T2	1	1	0	0.1	0.3	0.2	-0.25	-0.23	0	0	0	0	0	0
9/15/2023 11:06	59101 WALK_T2	3	2	-1	0.95	0.1	-0.85	1.83	1.75	0	0	0	0	0	0
9/15/2023 11:06	67503 WEWI_T2	0	0	0	0	0	0	0.05	-0.07	0	0	0	0	0	0
9/15/2023 11:06	42701 AUGU_T1	0	2	2	0	0.3	0.3	0	0	0	0	0	0	0	0
9/15/2023 11:07	43301 WATS_T2	1	2	1	0.3	0.35	0.05	0	0	0	0	0	0	0	0
9/15/2023 11:08	49803 UNIV_T1	2	3	1	0.55	0.6	0.05	-1.06	-1.02	0	0	0	0	0	0
9/15/2023 11:08	56802 BENV_T2	63	46	-17	0.25	0.34	0.09	-2.64	-2.57	0	0	0	0	0	0
9/15/2023 11:09	15001 BLMO_T1	1	1	0	0.1	0.2	0.1	0	0	0	0	0	0	0	0
9/15/2023 11:11	56802 BENV_T2	63	46	-17	0.25	0.34	0.09	-1.32	-1.28	0	0	0	0	0	0
9/15/2023 11:12	41801 GOCI_T2	12	13	1	0.45	0.63	0.18	0	0	0	0	0	0	0	0
9/15/2023 11:20	49804 UNIV_T1	0	0	0	0	0	0	1.39	1.37	0	0	0	0	0	0
9/15/2023 11:20	55105 WERT_T1	2	2	0	0.3	0.3	0	0	0	0	0	0	0	0	0
9/15/2023 11:22	55101 WERT_T1	0	0	0	0	0	0	-2.83	-2.82	0	0	0	0	0	0
9/15/2023 11:22	29401 BELT_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9/15/2023 11:22	46001 BERW_T1	0	0	0	0	0	0	1.05	1.02	0	0	0	0	0	0
9/15/2023 11:23	55105 WERT_T1	2	2	0	0.3	0.3	0	0	0	0	0	0	0	0	0
9/15/2023 11:25	29401 BELT_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9/15/2023 11:26	55105 WERT_T1	2	2	0	0.3	0.3	0	0	0	0	0	0	0	0	0
9/15/2023 11:28	43402 BENT_T1	3	3	0	0.3	0.87	0.57	-1.24	-0.62	0	0	0	0	0	0
9/15/2023 11:29	43402 BENT_T1	3	3	0	0.3	0.87	0.57	-1.24	-0.62	0	0	0	0	0	0
9/15/2023 11:30	58402 MORO_T1	0	0	0	0	0	0	-0.81	-0.86	0	0	0	0	0	0
9/15/2023 11:30	42902 MIDD_T2	4	9	5	0.33	0.46	0.13	0.67	0.75	0	0	0	0	0	0
9/15/2023 11:32	42902 MIDD_T2	4	9	5	0.33	0.46	0.13	0.33	0.37	0	0	0	0	0	0
9/15/2023 11:32	47101 MARL_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9/15/2023 11:34	65003 NEFF_T2	1	2	1	0.5	0.55	0.05	0	0	0	0	0	0	0	0
9/15/2023 11:34	14403 SSLA_T1	3	3	0	0.23	0.27	0.04	1.08	1.05	0	0	0	0	0	0
9/15/2023 11:34	58401 MORO_T1	2	3	1	0.45	0.33	-0.12	0	0	0	0	0	0	0	0
9/15/2023 11:35	14404 SSLA_T1	2	2	0	0.45	0.45	0	0	0	0	0	0	0	0	0
9/15/2023 11:35	42902 MIDD_T2	4	9	5	0.33	0.46	0.13	0.37	0.4	0	0	0	0	0	0
9/15/2023 11:36	67204 TEHI_T2	1	2	1	0.5	0.45	-0.05	0	0	0	0	0	0	0	0
9/15/2023 11:36	42201 SHEN_T2	1	2	1	0.8	0.7	-0.1	0.02	0	0	0	0	0	0	0
9/15/2023 11:36	67502 WEWI_T2	2	4	2	0.4	0.5	0.1	-0.24	-0.26	0	0	0	0	0	0
9/15/2023 11:37	15001 BLMO_T1	1	1	0	0.2	0.3	0.1	0	0	0	0	0	0	0	0
9/15/2023 11:37	67502 WEWI_T2	2	4	2	0.4	0.5	0.1	-0.24	-0.26	0	0	0	0	0	0
9/15/2023 11:38	26603 BROO_T1	0	0	0	0	0	0	0.64	0.64	0	0	0	0	0	0
9/15/2023 11:38	46001 BERW_T1	0	0	0	0	0	0	1.02	1.09	0	0	0	0	0	0
9/15/2023 11:38	67502 WEWI_T2	2	4	2	0.4	0.5	0.1	0	0	0	0	0	0	0	0
9/15/2023 11:38	67204 TEHI_T2	1	2	1	0.5	0.45	-0.05	0	0	0	0	0	0	0	0
9/15/2023 11:38	60101 COCA_T1	2	3	1	0.4	0.7	0.3	0.42	0.42	0	0	0	0	0	0
9/15/2023 11:38	42701 AUGU_T1	2	3	1	0.3	0.43	0.13	0	0	0	0	0	0	0	0
9/15/2023 11:39	66504 SMAN_T2	1	2	1	0.6	0.9	0.3	0	0	0	0	0	0	0	0
9/15/2023 11:39	67503 WEWI_T2	0	1	1	0	0.1	0.1	-0.08	0.02	0	0	0	0	0	0
9/15/2023 11:39	15001 BLMO_T1	1	1	0	0.2	0.3	0.1	0	0	0	0	0	0	0	0
9/15/2023 11:40	66504 SMAN_T2	1	2	1	0.6	0.9	0.3	0	0	0	0	0	0	0	0
9/15/2023 11:40	67502 WEWI_T2	2	4	2	0.4	0.5	0.1	-0.24	-0.26	0	0	0	0	0	0
9/15/2023 11:40	15001 BLMO_T1	1	1	0	0.2	0.3	0.1	0	0	0	0	0	0	0	0
9/15/2023 11:40	60101 COCA_T1	2	3	1	0.4	0.7	0.3	0.42	0.42	0	0	0	0	0	0
9/15/2023 11:41	56501 ROCK_T2	0	2	2	0	0.1	0.1	-0.41	-0.42	0	0	0	0	0	0
9/15/2023 11:42	61302 EARL_T1	1	1	0	0.5	0.8	0.3	0	0	0	0	0	0	0	0
9/15/2023 11:42	28601 BLYT_T2	0	0	-1	0.1	0	-0.1	0	0	0	0	0	0	0	0
9/15/2023 11:42	15001 BLMO_T1	1	1	0	0.2	0.3	0.1	0	0	0	0	0	0	0	0
9/15/2023 11:43	61304 EARL_T1	1	3	2	0.2	0.43	0.23	0	0	0	0	0	0	0	0
9/15/2023 11:43	15001 BLMO_T1	1	1	0	0.2	0.3	0.1	0	0	0	0	0	0	0	0
9/15/2023 11:43	41801 GOCI_T2	13	11	-2	0.63	0.61	-0.02	0	0	0	0	0	0	0	0
9/15/2023 11:46	45001 LIME_2	3	7	4	0.3	0.3	0	0	0	0	0	0	0	0	0
9/15/2023 11:47	45003 LIME_2	2	2	0	2	2.1	0.1	0	0	0	0	0	0	0	0
9/15/2023 11:48	45003 LIME_2	2	2	0	2	2.1	0.1	0	0	0	0	0	0	0	0
9/15/2023 11:48	43402 BENT_T1	3	4	1	0.87	0.53	-0.34	-0.62	-1.26	0	0	0	0	0	0
9/15/2023 11:49	13701 SCHN_T2	3	2	-1	0.17	0.15	-0.02	0	0	0	0	0	0	0	0
9/15/2023 11:50	14401 SSLA_T1	0	1	1	0	0.3	0.3	0	0	0	0	0	0	0	0
9/15/2023 11:51	14401 SSLA_T1	0	1	1	0	0.3	0.3	0	0	0	0	0	0	0	0
9/15/2023 11:52	44301 BEAV_T2	2	4	2	0.1	0.25	0.15	-0.02	0.28	0	0	0	0	0	0
9/15/2023 11:52	44302 BEAV_T2	15	18	3	0.56	0.64	0.08	0.33	0.31	0	0	0	0	0	0
9/15/2023 11:52	55101 WERT_T1	0	0	0	0	0	0	-3.11	-2.97	0	0	0	0	0	0
9/15/2023 11:53	26603 BROO_T1	0	0	0	0	0	0	0.32	0.33	0	0	0	0	0	0
9/15/2023 11:53	55101 WERT_T1	0	0	0	0	0	0	-1.56	-1.48	0	0	0	0	0	0
9/15/2023 11:53	15001 BLMO_T1	1	1	0	0.3	0.3	0	0	0	0	0	0	0	0	0
9/15/2023 11:54	55105 WERT_T1	2	3	1	0.3	0.65	0.35	0	0	0	0	0	0	0	0
9/15/2023 11:54	26603 BROO_T1	0	0	0	0	0	0	0.32	0.33	0	0	0	0	0	0
9/15/2023 11:54	42701 AUGU_T1	2	4	2	0.4	0.5	0.1	0	0	0	0	0	0	0	0
9/15/2023 11:55	66502 SMAN_T2	4	5	1	0.53	0.48	-0.05	0	0	0	0	0	0	0	0
9/15/2023 11:55	55105 WERT_T1	2	3	1	0.3	0.65	0.35	0	0	0	0	0	0	0	0
9/15/2023 11:55	15001 BLMO_T1	1	1	0	0.3	0.3	0	0	0	0	0	0	0	0	0
9/15/2023 11:57	15001 BLMO_T1	1	1	0	0.3	0.3	0	0	0	0	0	0	0	0	0
9/15/2023 11:59	41801 GOCI_T2	11	53	42	0.58	0.35	-0.23	0	0	0	0	0	0	0	0
9/15/2023 11:59	47101 MARL_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9/15/2023 12:01	42902 MIDD_T2	8	9	1	0.46	0.47	0.01	0.8	0.3	0	0	0	0	0	0
9/15/2023 12:01	45003 LIME_2	1	2	1	3.9	2.15	-1.75	0	0	0	0	0	0	0	0
9/15/2023 12:01	40902 JESH_T1	0	0	0	0	0	0	0.08	0.12	0	0	0	0	0	0
9/15/2023 12:02	42903 MIDD_T2	2	2	0	1.3	1.5	0.2	0	0	0	0	0	0	0	0
9/15/2023 12:03	45003 LIME_2	1	2	1	3.9	2.15	-1.75	0	0	0	0	0	0	0	0
9/15/2023 12:04	42901 MIDD_T2	0	1	1	0	0.1	0.1	0	0	0	0	0	0	0	0
9/15/2023 12:05	66504 SMAN_T2	2	1	-1	0.9	1	0.1	0	0	0	0	0	0	0	0
9/15/2023 12:05	13701 SCHN_T2	2	0	-2	0.15	0	-0.15	0	0	0	0	0	0	0	0
9/15/2023 12:06	66501 SMAN_T2	2	2	0	0.75	0.55	-0.2	0	0	0	0	0	0	0	0
9/15/2023 12:08	55105 WERT_T1	2	3	1	0.45	0.65	0.2	0	0	0	0	0	0	0	0
9/15/2023 12:08	15001 BLMO_T1	1	1	0	0.3	0.3	0	0	0	0	0	0	0	0	0
9/15/2023 12:08	67502 WEWI_T2	4	9	5	0.45	0.42	-0.03	-0.52	-0.36	0	0	0	0	0	0
9/15/2023 12:09	55105 WERT_T1	2	3	1	0.45	0.65	0.2	0	0	0	0	0	0	0	0
9/15/2023 12:09	15001 BLMO_T1	1	1	0	0.3	0.3	0	0	0	0	0	0	0	0	0
9/15/2023 12:09	67503 WEWI_T2	0	0	0	0	0	0	-0.06	-0.13	0	0	0	0	0	0
9/15/2023 12:10	55105 WERT_T1	2	3	1	0.45	0.65	0.2	0	0	0	0	0	0	0	0
9/15/2023 12:10	15001 BLMO_T1	1	1	0	0.3	0.3	0	0	0	0	0	0	0	0	0
9/15/2023 12:10	42701 AUGU_T1	3	4	1	0.4	0.5	0.1	0	0	0	0	0	0	0	0
9/15/2023 12:11	67502 WEWI_T2	4	9	5	0.45	0.42	-0.03	-0.26	-0.18	0	0	0	0	0	0
9/15/2023 12:11	15001 BLMO_T1	1	1	0	0.3	0.3	0	0	0	0	0	0	0	0	0
9/15/2023 12:11	67503 WEWI_T2	0	0	0	0	0	0	-0.06	-0.13	0	0	0	0	0	0
9/15/2023 12:12	15001 BLMO_T1	1	1	0	0.3	0.3	0	0	0	0	0	0	0	0	0
9/15/2023 12:16	11104 EGYP_T1	0	0	0	0	0	0	0.68	0.69	0	0	0	0	0	0
9/15/2023 12:20	13704 SCHN_T2	1	1	0	0.2	0.2	0	-0.76	-0.68	0	0	0	0	0	0
9/15/2023 12:27	40902 JESH_T1	0	0	0	0	0	0	0.06	-0.01	0	0	0	0	0	0
9/15/2023 12:38	46001 BERW_T1	0	0	0	0	0	0	1.02	1.12	0	0	0	0	0	0
9/15/2023 12:39	44301 BEAV_T2	0	0	0	0	0	0	0.88	1.14	0	0	0	0	0	0
9/15/2023 12:41	46005 BERW_T1	1	1	0	0.2	0.2	0	0	0	0	0	0	0	0	0
9/15/2023 12:44	13701 SCHN_T2	0	3	3	0	0.17	0.17	0	0	0	0	0	0	0	0
9/15/2023 12:46	41801 GOCI_T2	32	103	71	0.39	0.35	-0.04	0	0	0	0	0	0	0	0
9/15/2023 12:49	52401 GRPA_T2	1	1	0	0.3	0.4	0.1	0	0	0	0	0	0	0	0
9/15/2023 12:51	67502 WEWI_T2	4	5	1	0.5	0.42	-0.08	0	0	0	0	0	0	0	0
9/15/2023 12:53	67503 WEWI_T2	0	0	0	0	0	0	0.05	-0.07

9/15/2023 14:12	15001 BLMO_T1	2	2	0	0.25	0.2	-0.05	0	0	0	0	0	0	0
9/15/2023 14:13	44801 EDAN_T2	1	1	0	0.2	0.2	0	0	0	0	0	0	0	0
9/15/2023 14:14	44801 EDAN_T2	1	1	0	0.2	0.2	0	0	0	0	0	0	0	0
9/15/2023 14:14	45003 LIME_2	1	1	0	3.5	3.8	0.3	0	0	0	0	0	0	0
9/15/2023 14:15	61303 EARL_T1	0	0	0	0	0	0	0.91	0.93	0	0	0	0	0
9/15/2023 14:16	45802 HEGI_T2	0	0	0	0	0	0	0.45	0.84	0	0	0	0	0
9/15/2023 14:16	41801 GOCI_T2	13	14	1	0.62	0.59	-0.03	0	0	0	0	0	0	0
9/15/2023 14:16	42001 MNVL_T2	1	1	0	0.2	0.1	-0.1	0.18	0.21	0	0	0	0	0
9/15/2023 14:17	64301 LINC_T1	0	0	0	0	0	0	0.23	0.24	0	0	0	0	0
9/15/2023 14:19	65901 SAKR_T2	0	0	0	0	0	0	-0.07	-0.12	0	0	0	0	0
9/15/2023 14:19	42201 SHEN_T2	2	4	2	1.45	1.03	-0.42	0.05	0.06	0	0	0	0	0
9/15/2023 14:21	43304 WATS_T2	0	0	0	0	0	0	-0.35	0.15	0	0	0	0	0
9/15/2023 14:21	55101 WERT_T1	0	0	0	0	0	0	-1.21	-1.05	0	0	0	0	0
9/15/2023 14:21	66501 SMAN_T2	1	1	0	0.1	0.2	0.1	0	0	0	0	0	0	0
9/15/2023 14:21	49804 UNIV_T1	2	3	1	0.45	0.47	0.02	0	0	0	0	0	0	0
9/15/2023 14:21	13704 SCHN_T2	2	1	-1	3.45	0.3	-3.15	0.16	0.14	0	0	0	0	0
9/15/2023 14:22	45902 AUBU_T1	0	0	0	0	0	0	-0.41	-0.38	0	0	0	0	0
9/15/2023 14:22	14402 SSLA_T1	2	1	-1	0.25	0.5	0.25	0	0	0	0	0	0	0
9/15/2023 14:22	55103 WERT_T1	0	1	1	0	2.1	2.1	0	0	0	0	0	0	0
9/15/2023 14:22	43301 WATS_T2	2	1	-1	0.35	0.5	0.15	0.47	0.48	0	0	0	0	0
9/15/2023 14:22	67502 WEWI_T2	2	1	-1	0.45	0.6	0.15	-0.21	-0.22	0	0	0	0	0
9/15/2023 14:23	45901 AUBU_T1	0	0	0	0	0	0	3.61	3.6	0	0	0	0	0
9/15/2023 14:23	49803 UNIV_T1	3	3	0	1.47	1.27	-0.2	-0.93	-0.95	0	0	0	0	0
9/15/2023 14:23	55101 WERT_T1	0	0	0	0	0	0	-1.21	-1.05	0	0	0	0	0
9/15/2023 14:23	66501 SMAN_T2	1	1	0	0.1	0.2	0.1	0	0	0	0	0	0	0
9/15/2023 14:23	45901 AUBU_T1	0	0	0	0	0	0	3.61	3.6	0	0	0	0	0
9/15/2023 14:23	15001 BLMO_T1	2	2	0	0.2	0.3	0.1	0	0	0	0	0	0	0
9/15/2023 14:23	44801 EDAN_T2	1	1	0	0.2	0.2	0	0	0	0	0	0	0	0
9/15/2023 14:23	49803 UNIV_T1	3	3	0	1.47	1.27	-0.2	-0.93	-0.95	0	0	0	0	0
9/15/2023 14:24	44802 EDAN_T2	2	1	-1	0.15	0.2	0.05	-1.87	-1.77	0	0	0	0	0
9/15/2023 14:24	55103 WERT_T1	0	1	1	0	2.1	2.1	0	0	0	0	0	0	0
9/15/2023 14:24	67502 WEWI_T2	2	1	-1	0.45	0.6	0.15	-0.21	-0.22	0	0	0	0	0
9/15/2023 14:24	56501 ROCK_T2	1	1	0	0.2	0.2	0	-0.13	-0.13	0	0	0	0	0
9/15/2023 14:25	67502 WEWI_T2	2	1	-1	0.45	0.6	0.15	-0.21	-0.22	0	0	0	0	0
9/15/2023 14:25	55101 WERT_T1	0	0	0	0	0	0	-1.21	-1.05	0	0	0	0	0
9/15/2023 14:26	42701 AUGU_T1	1	2	1	0.3	0.45	0.15	0	0	0	0	0	0	0
9/15/2023 14:26	44802 EDAN_T2	2	1	-1	0.15	0.2	0.05	-1.87	-1.77	0	0	0	0	0
9/15/2023 14:26	26603 BROO_T1	0	0	0	0	0	0	0.66	0.72	0	0	0	0	0
9/15/2023 14:26	15001 BLMO_T1	2	2	0	0.2	0.3	0.1	0	0	0	0	0	0	0
9/15/2023 14:27	67502 WEWI_T2	2	1	-1	0.45	0.6	0.15	0	0	0	0	0	0	0
9/15/2023 14:28	40902 JESH_T1	0	0	0	0	0	0	-0.04	0	0	0	0	0	0
9/15/2023 14:29	52403 GRPA_T2	4	6	2	0.58	0.32	-0.26	-0.23	-0.26	0	0	0	0	0
9/15/2023 14:30	45003 LIME_2	1	2	1	3.8	2.2	-1.6	0	0	0	0	0	0	0
9/15/2023 14:30	23401 HONE_T2	2	1	-1	0.45	0.4	-0.05	-0.18	-0.18	0	0	0	0	0
9/15/2023 14:31	52401 GRPA_T2	5	4	-1	0.26	0.28	0.02	0	0	0	0	0	0	0
9/15/2023 14:32	58402 MORO_T1	0	0	0	0	0	0	-0.94	-0.9	0	0	0	0	0
9/15/2023 14:32	47802 MOCA_T2	2	2	0	0.8	0.9	0.1	-0.8	-0.84	0	0	0	0	0
9/15/2023 14:33	64301 LINC_T1	0	0	0	0	0	0	0.24	0.2	0	0	0	0	0
9/15/2023 14:34	42903 MIDD_T2	2	2	0	1.3	1.25	-0.05	0	0	0	0	0	0	0
9/15/2023 14:35	45003 LIME_2	1	2	1	3.8	2.2	-1.6	0	0	0	0	0	0	0
9/15/2023 14:35	67204 TEHI_T2	1	1	0	0.3	0.3	0	-0.01	0.01	0	0	0	0	0
9/15/2023 14:36	41801 GOCI_T2	11	20	9	0.68	0.44	-0.24	0	0	0	0	0	0	0
9/15/2023 14:36	42201 SHEN_T2	4	4	0	1	1	0	0.06	0.06	0	0	0	0	0
9/15/2023 14:36	67204 TEHI_T2	1	1	0	0.3	0.3	0	-0.01	0.01	0	0	0	0	0
9/15/2023 14:37	49804 UNIV_T1	2	3	1	0.45	0.43	-0.02	0	0	0	0	0	0	0
9/15/2023 14:37	55101 WERT_T1	0	0	0	0	0	0	-1.05	-1.14	0	0	0	0	0
9/15/2023 14:37	43304 WATS_T2	0	0	0	0	0	0	0.15	-0.1	0	0	0	0	0
9/15/2023 14:37	42701 AUGU_T1	2	2	0	0.35	0.4	0.05	0	0	0	0	0	0	0
9/15/2023 14:37	59402 RFLD_T2	0	1	1	0	0.1	0.1	-1.13	-1.16	0	0	0	0	0
9/15/2023 14:37	43304 WATS_T2	0	0	0	0	0	0	0.15	-0.1	0	0	0	0	0
9/15/2023 14:38	67502 WEWI_T2	1	3	2	0.3	0.5	0.2	-0.22	-0.16	0	0	0	0	0
9/15/2023 14:38	55101 WERT_T1	0	0	0	0	0	0	-2.11	-2.28	0	0	0	0	0
9/15/2023 14:38	66501 SMAN_T2	2	0	-2	0.6	0	-0.6	1.06	0.9	0	0	0	0	0
9/15/2023 14:38	45902 AUBU_T1	0	0	0	0	0	0	-0.38	-0.32	0	0	0	0	0
9/15/2023 14:38	15001 BLMO_T1	1	2	1	0.3	0.25	-0.05	0	0	0	0	0	0	0
9/15/2023 14:38	49804 UNIV_T1	2	3	1	0.45	0.43	-0.02	0	0	0	0	0	0	0
9/15/2023 14:39	26001 WOAM_T1	0	0	0	0	0	0	-0.7	-0.7	0	0	0	0	0
9/15/2023 14:40	44802 EDAN_T2	1	1	0	0.2	0.1	-0.1	-1.77	-1.81	0	0	0	0	0
9/15/2023 14:40	67502 WEWI_T2	1	3	2	0.3	0.5	0.2	-0.44	-0.33	0	0	0	0	0
9/15/2023 14:40	55101 WERT_T1	0	0	0	0	0	0	-1.05	-1.14	0	0	0	0	0
9/15/2023 14:41	44802 EDAN_T2	1	1	0	0.2	0.1	-0.1	-3.54	-3.62	0	0	0	0	0
9/15/2023 14:41	55101 WERT_T1	0	0	0	0	0	0	-1.05	-1.14	0	0	0	0	0
9/15/2023 14:41	15001 BLMO_T1	1	2	1	0.3	0.25	-0.05	0	0	0	0	0	0	0
9/15/2023 14:41	10805 CHNI_T2	1	3	2	9	9	0	-0.86	-0.88	0	0	0	0	0
9/15/2023 14:42	41801 GOCI_T2	11	20	9	0.68	0.44	-0.24	0	0	0	0	0	0	0
9/15/2023 14:42	28603 BLYT_T2	1	0	-1	0.1	0	-0.1	0	0	0	0	0	0	0
9/15/2023 14:42	26603 BROO_T1	0	0	0	0	0	0	0.72	0.68	0	0	0	0	0
9/15/2023 14:42	55101 WERT_T1	0	0	0	0	0	0	-1.05	-1.14	0	0	0	0	0
9/15/2023 14:42	42701 AUGU_T1	2	2	0	0.35	0.4	0.05	0	0	0	0	0	0	0
9/15/2023 14:42	60101 COCA_T1	2	2	0	0.75	0.65	-0.1	1.14	1.01	0	0	0	0	0
9/15/2023 14:44	52402 GRPA_T2	9	10	1	0.76	0.66	-0.1	0	0	0	0	0	0	0
9/15/2023 14:45	12701 MACU_T1	0	0	0	0	0	0	0.2	0.22	0	0	0	0	0
9/15/2023 14:46	52402 GRPA_T2	10	7	-3	0.64	0.7	0.06	0	0	0	0	0	0	0
9/15/2023 14:47	12701 MACU_T1	0	0	0	0	0	0	0.2	0.22	0	0	0	0	0
9/15/2023 14:48	65005 NEFF_T2	1	0	-1	0.2	0	-0.2	0	0	0	0	0	0	0
9/15/2023 14:48	12701 MACU_T1	0	0	0	0	0	0	0.2	0.22	0	0	0	0	0
9/15/2023 14:48	47802 MOCA_T2	2	2	0	0.9	0.7	-0.2	-0.84	-0.9	0	0	0	0	0
9/15/2023 14:48	64301 LINC_T1	0	0	0	0	0	0	0.2	0.23	0	0	0	0	0
9/15/2023 14:49	42902 MIDD_T2	4	3	-1	0.38	0.4	0.02	0.41	0.5	0	0	0	0	0
9/15/2023 14:49	23401 HONE_T2	1	1	0	0.4	0.5	0.1	-0.17	-0.18	0	0	0	0	0
9/15/2023 14:50	66703 STRA_T1	0	0	0	0	0	0	0.22	0.19	0	0	0	0	0
9/15/2023 14:52	67502 WEWI_T2	1	18	17	0.6	0.33	-0.27	0	0	0	0	0	0	0
9/15/2023 14:53	67502 WEWI_T2	1	18	17	0.6	0.33	-0.27	0	0	0	0	0	0	0
9/15/2023 14:54	45902 AUBU_T1	0	0	0	0	0	0	-0.32	-0.34	0	0	0	0	0
9/15/2023 14:54	15001 BLMO_T1	2	2	0	0.25	0.5	0.25	0	0	0	0	0	0	0
9/15/2023 14:57	46001 BERW_T1	0	0	0	0	0	0	1.08	1.11	0	0	0	0	0
9/15/2023 14:57	52401 GRPA_T2	4	2	-2	0.28	0.15	-0.13	0	0	0	0	0	0	0
9/15/2023 14:57	15001 BLMO_T1	2	2	0	0.25	0.5	0.25	0	0	0	0	0	0	0
9/15/2023 14:57	61303 EARL_T1	0	0	0	0	0	0	0.75	0.46	0	0	0	0	0
9/15/2023 15:00	58402 MORO_T1	0	0	0	0	0	0	-0.89	-0.85	0	0	0	0	0
9/15/2023 15:01	63404 HONY_T1	2	2	0	7.5	7.5	0	0	0	0	0	0	0	0
9/15/2023 15:01	45003 LIME_2	2	2	0	2.2	2.2	0	0	0	0	0	0	0	0
9/15/2023 15:02	45003 LIME_2	2	2	0	2.2	2.2	0	0	0	0	0	0	0	0
9/15/2023 15:04	59402 RFLD_T2	1	2	1	0.1	0.15	0.05	-1.2	-0.88	0	0	0	0	0
9/15/2023 15:04	65902 SAKR_T2	0	1	1	0	0	0	0.01	0	0	0	0	0	0
9/15/2023 15:04	58402 MORO_T1	0	0	0	0	0	0	-0.85	-0.86	0	0	0	0	0
9/15/2023 15:05	14401 SSLA_T1	1	1	0	1	1.2	0.2	0	0	0	0	0	0	0
9/15/2023 15:05	59402 RFLD_T2	1	2	1	0.1	0.15	0.05	-1.2	-0.88	0	0	0	0	0
9/15/2023 15:07	29401 BELT_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
9/15/2023 15:09	14403 SSLA_T1	1	1	0	0.3	0.2	-0.1	1.18	1.18	0	0	0	0	0
9/15/2023 15:10	45902 AUBU_T1	0	0	0	0	0	0	-0.34	-0.46	0	0	0	0	0
9/15/2023 15:11	52401 GRPA_T2	2	1	-1	0.15	0.1	-0.05	0	0	0	0	0	0	0
9/15/2023 15:12	61303 EARL_T1	0	0	0	0	0	0	0.46	0.45	0	0	0	0	0
9/15/2023 15:12	29402 BELT_T1	102	119	17	0.64	0.66	0.02	0	0	0	0	0	0	0
9/15/2023 15:13	52402 GRPA_T2	7	6	-1	0.66	0.68	0.02	0	0	0	0	0	0	0
9/15/2023 15:13	61303 EARL_T1	0	0	0	0	0	0	0.46	0.45	0	0	0	0	0
9/15/2023 15:15	40902 JESH_T1	0	0	0	0	0	0	-0.1	-0.14	0	0	0	0	0
9/15/2023 15:16	45801 HEGI_T1	0	0	0	0	0	0	-0.06	-0.05	0	0	0	0	0
9/15/2023 15:19	46504 LOHA_T1	2	0	-2	0.15	0	-0.15	0	0	0	0	0	0	0
9/15/2023 15:22	65901 SAKR_T2	0	0	0	0	0	0	-0.04	-0.09	0	0	0	0	0
9/15/2023 15:22	67401 WAKE_T2	3	1	-2	0.27	0.4	0.13	-0.85	-0.87	0	0	0	0	0
9/15/2023 15:25	45902 AUBU_T1	0	0	0	0	0	0	-0.46	-0.46	0	0	0	0	0
9/15/2023 15:27	45901 AUBU_T1	0	0	0	0	0	0	1.82	1.87	0	0	0	0	0
9/15/2023 15:43	52402 GRPA_T2	4	4	0	0.78	0.8	0.02	0	0	0	0	0	0	0
9/15/2023 15:44	64702 LITI_T2	0	0	0	0	0	0	-0.17	-0.21	0	0	0	0	0
9/15/2023 15:44	47101 MARL_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
9/15/2023 15:45	42001 MNVL_T2	0	0	0	0	0	0	0.21	0.34	0	0	0	0	0
9/15/2023 15:46	64702 LITI_T2	0	0	0	0	0	0	-0.17	-0.21	0	0	0	0	0
9/15/2023 15:48	40101 HUNT_T2	0	0	0	0	0	0	-0.34	-0.36	0	0	0	0	0
9/15/2023 15:55	62604 ENGL_T1	0	0	0	0	0	0	0.1	0.17	0	0	0	0	0
9/15/2023 15:56	62604 ENGL_T1	0	0	0	0	0	0	0.05	0.09	0	0	0	0	0
9/15/2023 15:57	62604 ENGL_T1	0	0	0	0	0	0	0.05	0.09	0	0	0	0	0
9/15/2023 15:59	52403 GRPA_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
9/15/2023 16:06	13704 SCHN_T2	0	0	0	0	0	0	0.15	0.21	0	0	0	0	0
9/15/2023 16:08	13704 SCHN_T2	0	0	0	0	0	0	0.15	0.21	0	0	0	0	0
9/15/2023 16:34	52402 GRPA_T2	4	3	-1	0.93	0.9	-0.03	0	0	0	0	0	0	0
9/15/2023 16:50	48302 ORWI_T2	2	2	0	1	0.95	-0.05	0.19	0.21	0	0	0	0	0
9/15/2023 17:03	52402 GRPA_T2	3	4	1	0.8	0.88	0.08	0	0	0	0	0	0	0
9/15/2023 18:18	52403 GRPA_T2	0	0	0	0	0	0	-0.48	-0.47	0	0	0	0	0
9/15/2023 18:19	52403 GRPA_T2	0	0	0	0	0	0	-0.47	-0.48	0	0	0	0	0
9/15/2023 20:14	56802 BENV_T2	102	0	-102	0.21	0	-0.21	-0.53	-0.53	0	0	0	0	0
9/15/2023 20:25	45802 HEGI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
9/15/2023 20:26	54701 NEBL_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
9/15/2023 20:29	60801 BUCK_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
9/15/2023 20:34	52403 GRPA_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
9/15/2023 20:38	65603 CIVIL_T2	370	631	261	0.49	0.65	0.16	-0.01	0	0	0	0	0	0
9/15/2023 21:07	17805 GILB_T2	1	4	3	0.1	0.13	0.03	-0.03	-0.04	0	0	0	0	0
9/15/2023 21:07	56802 BENV_T2	1	2	1	1.1	0.7	-0.4	-0.56	-0.62	0	0	0	0	0
9/15/2023 21:09	43402 BENT_T1	0	0	0	0	0	0	-0.92	-0.93	0	0	0	0	0
9/15/2023 21:11	61304 EARL_T1	4	1	-3	0.1	0.1	0	0	0	0	0	0	0	0
9/15/2023 21:12	65603 CIVIL_T2	629	676	47	0.65	0.73	0.08	0	0	0	0	0	0	0
9/15/2023 21:12	15001 BLMO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
9/15/2023 21:13	20401 ASHF_T2	1	0	-1	0.1	0	-0.1	0	0	0	0	0	0	0
9/15/2023 21:13	45902 AUBU_T1	69	321	252	0.22	0.38	0.16	0	0	0	0	0	0	0
9/15/2023 21:13	17805 GILB_T2	1	4	3	0.1	0.13	0.03	-0.03	-0.04	0	0	0	0	0
9/15/2023 21:14	41801 GOCI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
9/15/2023 21:14	44201 POIN_T1	0	0	0	0	0	0	-1.77	-1.87	0	0	0	0	0
9/15/2023 21:17	45902 AUBU_T1	205	444	239	0.23	0.45	0.22	-0.95	-1.02	0	0	0	0	0
9/15/2023 21:17	14403 SSLA_T1	0	0	0	0	0	0	0.85	0.81	0	0	0	0	0
9/15/2023 21:17	10801 CHNI_T1	0	0	0	0	0	0	-0.71	-0.77	0	0	0	0	0
9/15/2023 21:18	60801 BUCK_T1	476	580	104	1.1	1.04	-0.06	0	0	0	0	0	0	0
9/15/2023 21:18	47101 MARL_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
9/15/2023 21:18	45902 AUBU_T1	205	444	239	0.23	0.45	0.22	0	0	0	0	0	0	0
9/15/2023 21:19	13704 SCHN_T2	0	0	0	0	0	0	-0.34	-0.35	0	0	0	0	0
9/15/2023 21:19	28604 BLYT_T2	0	0	0	0	0	0	-1.33	-1.34	0	0	0	0	0
9/15/2023 21:20	52404 GRPA_T2	1	1	0	0.5	0.7	0.2	0	0	0	0	0	0	0
9/15/2023 21:21	64301 LINC_T1	0	0	0	0	0	0	0.29	0.2	0	0	0	0	0
9/15/2023 21:21	12701 MACU_T1	0	0	0	0	0	0	0.1	0.08	0	0	0	0	0
9/15/2023 21:22	29402 BELT_T1	243	243	0	0.85	0.8	-0.05	0	0	0	0	0	0	0
9/15/2023 21:22	67502 WEWI_T2	0	0	0	0	0	0	-0.42	-0.38	0	0	0	0	0
9/15/2023 21:22	65601 CIVIL_T2	430	579	149	0.64	0.63	-0.01	0	0	0	0	0	0	0
9/15/2023 21:22	45003 LIME_2	2	2	0	2.2	2.3	0.1	0	0	0	0	0	0	0
9/15/2023 21:22	41901 REED_T1	11	10	-1	0.42	0.25	-0.17	-1.65	-1.63	0	0	0	0	0
9/15/2023 21:22	15001 BLMO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
9/15/2023 21:23	53501 EVIL_T2	2	1	-1	0.2	0.4	0.2	-0.41	-0.39	0	0	0	0	0
9/15/2023 21:24	56503 ROCK_T2	41	80	39	0.17	0.19	0.02	0	0	0	0	0	0	0
9/15/2023 21:24	43302 WATS_T2	4	4	0	0.33	0.33	0	0	0	0	0	0	0	0
9/15/2023 21:24	55101 WERT_T1	0	0	0	0	0	0	-0.77	-0.73	0	0	0	0	0
9/15/2023 21:24	42201 SHEN_T2	1	0	-1	0.2	0	-0.2	0.58	0.6	0	0	0	0	0
9/15/2023 21:24	62604 ENGL_T1	0	0	0	0	0	0	-0.26	-0.18	0	0	0	0	0
9/15/2023 21:24	17805 GILB_T2	4	0	-4	0.13	0	-0.13	0	0	0	0	0	0	0
9/15/2023 21:28	43001 ALWD_T1	2	0	-2	0.1	0	-0.1	0	0	0	0	0	0	0
9/15/2023 21:28	56802 BENV_T2	1	6	5	1.1	0.33	-0.77	-0.62	-0.61	0	0	0	0	0
9/15/2023 21:29	43402 BENT_T1	0	0	0	0	0	0	-0.93	-0.92	0	0	0	0	0
9/15/2023 21:29	40101 HUNT_T2	0	0	0	0	0	0	-0.61	-0.63	0	0	0	0	0
9/15/2023 21:29	59402 RFLD_T2	188	229	41	0.54	0.61	0.07	-1.27	-1.27	0	0	0	0	0
9/15/2023 21:31	56802 BENV_T2	2	100	98	0.7	0.2

9/16/2023 0:28	42701 AUGU_T1	1	1	0	1	1.1	0.1	0	0	4	4	0	3600	3600	0
9/16/2023 0:28	24901 WHHA_T1	0	0	0	0	0	0	0.85	0.82	0	0	0	0	0	0
9/16/2023 0:28	67204 TEHI_T2	0	0	0	0	0	0	-0.58	-0.62	0	0	0	0	0	0
9/16/2023 0:28	64802 MONE_T2	1	0	-1	0.6	0	-0.6	0.17	0.15	1	0	0	0	0	0
9/16/2023 0:28	14403 SSLA_T1	0	0	0	0	0	0	0.58	0.59	0	0	0	0	0	0
9/16/2023 0:28	45001 LIME_2	0	1	1	0	0.1	0.1	0	0	0	0	0	0	0	0
9/16/2023 0:28	42002 MNVL_T2	1	1	0	2.1	2	-0.1	0	0	0	0	0	0	0	0
9/16/2023 0:28	13503 MCMI_T2	0	0	0	0	0	0	-0.01	-0.01	0	0	0	0	0	0
9/16/2023 0:28	66703 STRA_T1	13	185	172	0.32	0.23	-0.09	-0.42	-0.32	0	0	0	0	0	0
9/16/2023 0:28	26603 BROO_T1	0	1	1	0	0.1	0.1	0.7	0.68	0	0	0	0	0	0
9/16/2023 0:28	43304 WATS_T2	0	0	0	0	0	0	-0.8	-0.79	0	0	0	0	0	0
9/16/2023 0:28	53501 EVIL_T2	21	21	0	1.04	1.21	0.17	-1.59	-1.64	0	0	0	0	0	0
9/16/2023 0:28	55101 WERT_T1	0	0	0	0	0	0	-4.65	-4.85	5	5	0	4500	4500	0
9/16/2023 0:28	44802 EDAN_T2	0	0	0	0	0	0	-2.66	-2.67	0	0	0	0	0	0
9/16/2023 0:28	53601 DALM_T2	1	1	0	1.3	1.5	0.2	-0.03	-0.02	0	0	0	0	0	0
9/16/2023 0:28	60803 BUCK_T1	183	197	14	0.69	1	0.31	-1.04	-1.04	1	1	0	600	600	0
9/16/2023 0:28	45801 HEGI_T1	0	0	0	0	0	0	-0.48	-0.5	1	1	0	900	900	0
9/16/2023 0:28	15001 BLMO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9/16/2023 0:28	67401 WAKE_T2	2	45	43	0.1	0.13	0.03	-0.91	-0.92	0	0	0	0	0	0
9/16/2023 0:28	59402 RFLD_T2	16	17	1	0.18	0.19	0.01	-2.61	-2.63	2	2	0	900	900	0
9/16/2023 0:28	61801 EELI_T2	2	2	0	1	1.15	0.15	-1	-1.02	1	1	0	600	600	0
9/16/2023 0:28	10805 CHHI_T2	1	1	0	7.2	7.3	0.1	-1.25	-1.3	1	1	0	600	600	0
9/16/2023 0:28	64801 MONE_T2	0	0	0	0	0	0	0.3	0.29	0	0	0	0	0	0
9/16/2023 0:28	29402 BELT_T1	171	251	80	0.86	0.87	0.01	0	0	0	0	0	0	0	0
9/16/2023 0:28	59101 WALK_T2	1	1	0	0	0	0	6.56	5.94	0	0	0	0	0	0
9/16/2023 0:28	28403 HART_T2	0	0	0	0	0	0	-1.34	-1.38	2	2	0	1800	1800	0
9/16/2023 0:28	12701 MACU_T1	0	0	0	0	0	0	0.06	0.04	0	0	0	0	0	0
9/16/2023 0:28	45902 AUBU_T1	0	0	0	0	0	0	-0.26	-0.26	0	0	0	0	0	0
9/16/2023 0:28	43202 MVIL_T2	95	97	2	0.59	0.96	0.37	-1.46	-1.46	0	0	0	0	0	0
9/16/2023 0:28	46203 DANV_T2	37	170	133	0.18	0.33	0.15	-0.18	-0.2	0	0	0	0	0	0
9/16/2023 0:28	23401 HONE_T2	0	0	0	0	0	0	-0.09	-0.07	0	0	0	0	0	0
9/16/2023 0:28	60101 COCA_T1	0	0	0	0	0	0	0.3	0.3	0	0	0	0	0	0
9/16/2023 0:28	46801 HEPB_T2	2	2	0	0.45	0.65	0.2	0.47	0.46	0	0	0	0	0	0
9/16/2023 0:28	48302 ORWI_T2	2	2	0	0.75	0.65	-0.1	-0.16	-0.16	0	0	0	0	0	0
9/16/2023 0:30	42201 SHEN_T2	0	0	0	0	0	0	0.51	0.53	0	0	0	0	0	0
9/16/2023 0:38	54701 NEBL_T1	0	0	0	0	0	0	0	0	1	1	0	600	600	0
9/16/2023 1:05	29401 BELT_T1	0	0	0	0	0	0	0	0	1	1	0	900	900	0
9/16/2023 8:04	15601 NSTR_T2	7	4	-3	0.36	0.8	0.44	0	0	0	0	0	0	0	0
9/16/2023 8:09	29401 BELT_T1	0	2	2	0	0.1	0.1	0	0	0	0	0	0	0	0
9/16/2023 8:09	17902 BART_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9/16/2023 8:10	44302 BEAV_T2	475	447	-28	0.53	0.5	-0.03	0	0	0	0	0	0	0	0
9/16/2023 8:11	29402 BELT_T1	70	298	228	0.39	1.16	0.77	0	0	0	0	0	0	0	0
9/16/2023 8:12	46801 HEPB_T2	2	2	0	0.45	0.4	-0.05	0	0	0	0	0	0	0	0
9/16/2023 8:18	54701 NEBL_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9/16/2023 8:21	59101 WALK_T2	1	1	0	0	0	0	0	0	0	0	0	0	0	0
9/16/2023 8:23	44301 BEAV_T2	14	11	-3	0.42	0.44	0.02	0	0	0	0	0	0	0	0
9/16/2023 8:25	44301 BEAV_T2	14	11	-3	0.42	0.44	0.02	0	0	0	0	0	0	0	0
9/16/2023 8:26	44302 BEAV_T2	432	407	-25	0.48	0.46	-0.02	0	0	0	0	0	0	0	0
9/16/2023 8:35	44901 SCOT_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9/16/2023 8:55	60801 BUCK_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9/16/2023 9:02	40101 HUNT_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9/16/2023 9:08	26603 BROO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9/16/2023 9:11	26603 BROO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9/16/2023 9:17	54701 NEBL_T1	0	0	0	0	0	0	0	0	1	1	0	600	600	0
9/16/2023 9:18	58402 MORO_T1	0	0	0	0	0	0	0	0	2	2	0	1200	1200	0
9/16/2023 9:19	59402 RFLD_T2	14	49	35	0.22	0.26	0.04	0	0	1	1	0	450	450	0
9/16/2023 9:20	58402 MORO_T1	0	0	0	0	0	0	0	0	1	1	0	600	600	0
9/16/2023 9:22	14403 SSLA_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9/16/2023 9:23	44301 BEAV_T2	8	10	2	0.41	0.33	-0.08	0	0	0	0	0	0	0	0
9/16/2023 9:23	14403 SSLA_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9/16/2023 9:24	60801 BUCK_T1	265	281	16	1.08	1.1	0.02	0	0	0	0	0	0	0	0
9/16/2023 9:24	49803 UNIV_T1	1	1	0	0.7	1.2	0.5	0	0	0	0	0	0	0	0
9/16/2023 9:32	13503 MCMI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9/16/2023 9:34	43202 MVIL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9/16/2023 9:34	42201 SHEN_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9/16/2023 9:38	56802 BENV_T2	16	17	1	0.39	0.34	-0.05	0	0	0	0	0	0	0	0
9/16/2023 9:39	56802 BENV_T2	16	17	1	0.39	0.34	-0.05	0	0	0	0	0	0	0	0
9/16/2023 9:45	41801 GOCI_T2	87	81	-6	0.24	0.26	0.02	0	0	0	0	0	0	0	0
9/16/2023 9:48	41901 REED_T1	1	1	0	0.1	0.1	0	0	0	1	1	0	900	900	0
9/16/2023 9:49	42201 SHEN_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9/16/2023 9:53	20402 ASHF_T2	0	3	3	0	0	0	0	0	0	0	0	0	0	0
9/16/2023 9:54	67503 WEWI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9/16/2023 9:54	43001 ALWD_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9/16/2023 9:54	15001 BLMO_T1	2	2	0	0.25	0.4	0.15	0	0	0	0	0	0	0	0
9/16/2023 9:55	20403 ASHF_T2	1	1	0	0.2	0.8	0.6	0	0	0	0	0	0	0	0
9/16/2023 9:56	45902 AUBU_T1	1	0	-1	0.1	0	-0.1	0	0	1	1	0	600	600	0
9/16/2023 9:57	40101 HUNT_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9/16/2023 9:57	23401 HONE_T2	0	1	1	0	0	0	0	0	0	0	0	0	0	0
9/16/2023 10:00	12604 MACA_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9/16/2023 10:00	42201 SHEN_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9/16/2023 10:00	20403 ASHF_T2	1	2	1	0.5	0.65	0.15	0	0	0	0	0	0	0	0
9/16/2023 10:00	64801 MONE_T2	0	1	1	0	0.5	0.5	0	0	0	0	0	0	0	0
9/16/2023 10:00	59102 WALK_T2	1	4	3	0.2	0.33	0.13	0	0	0	0	0	0	0	0
9/16/2023 10:00	43402 BENT_T1	2	6	4	0.4	0.48	0.08	0	0	1	1	0	900	900	0
9/16/2023 10:00	10602 BLGI_T2	1	1	0	9.3	9.3	0	0	0	0	0	0	0	0	0
9/16/2023 10:00	41901 REED_T1	1	0	-1	0.1	0	-0.1	0	0	1	1	0	900	900	0
9/16/2023 10:00	60801 BUCK_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9/16/2023 10:00	14403 SSLA_T1	0	1	1	0	0.1	0.1	0	0	0	0	0	0	0	0
9/16/2023 10:00	66703 STRA_T1	0	3	3	0	0.1	0.1	0	0	0	0	0	0	0	0
9/16/2023 10:00	56601 HAMP_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9/16/2023 10:00	52403 GRPA_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9/16/2023 10:00	54701 NEBL_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9/16/2023 10:00	44901 SCOT_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9/16/2023 10:00	67604 WARW_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9/16/2023 10:00	52503 PROG_T2	0	0	0	0	0	0	0	0	1	1	0	900	900	0
9/16/2023 10:02	65602 QVIL_T2	30	64	34	0.25	0.27	0.02	0	0	0	0	0	0	0	0
9/16/2023 10:05	65603 QVIL_T2	447	610	163	0.42	0.52	0.1	0	0	0	0	0	0	0	0
9/16/2023 10:05	64101 REFR_T1	3	3	0	7.3	7.87	0.57	0	0	0	0	0	0	0	0
9/16/2023 10:07	56802 BENV_T2	16	56	40	0.3	0.26	-0.04	0	0	0	0	0	0	0	0
9/16/2023 10:08	20403 ASHF_T2	1	2	1	0.5	0.65	0.15	0	0	0	0	0	0	0	0
9/16/2023 10:08	29402 BELT_T1	235	249	14	0.78	0.94	0.16	0	0	0	0	0	0	0	0
9/16/2023 10:09	60803 BUCK_T1	146	168	22	0.45	0.56	0.11	0	0	1	1	0	600	600	0
9/16/2023 10:09	26603 BROO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9/16/2023 10:09	10801 CHHI_T1	0	0	0	0	0	0	0	0	1	1	0	900	900	0
9/16/2023 10:09	60803 BUCK_T1	146	168	22	0.45	0.56	0.11	0	0	1	1	0	600	600	0
9/16/2023 10:09	43001 ALWD_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9/16/2023 10:09	61303 EARL_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9/16/2023 10:10	44302 BEAV_T2	351	338	-13	0.45	0.49	0.04	0	0	0	0	0	0	0	0
9/16/2023 10:10	67502 WEWI_T2	10	53	43	0.28	0.23	-0.05	0	0	0	0	0	0	0	0
9/16/2023 10:10	56802 BENV_T2	16	56	40	0.3	0.26	-0.04	0	0	0	0	0	0	0	0
9/16/2023 10:10	60803 BUCK_T1	146	168	22	0.45	0.56	0.11	0	0	1	1	0	600	600	0
9/16/2023 10:10	15001 BLMO_T1	2	2	0	0.4	0.25	-0.15	0	0	0	0	0	0	0	0
9/16/2023 10:11	44302 BEAV_T2	351	338	-13	0.45	0.49	0.04	0	0	0	0	0	0	0	0
9/16/2023 10:11	56802 BENV_T2	16	56	40	0.3	0.26	-0.04	0	0	0	0	0	0	0	0
9/16/2023 10:11	20403 ASHF_T2	1	2	1	0.5	0.65	0.15	0	0	0	0	0	0	0	0
9/16/2023 10:11	26603 BROO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9/16/2023 10:12	46803 HEPB_T2	1	0	-1	0.2	0	-0.2	0	0	0	0	0	0	0	0
9/16/2023 10:12	56802 BENV_T2	16	56	40	0.3	0.26	-0.04	0	0	0	0	0	0	0	0
9/16/2023 10:12	29402 BELT_T1	235	249	14	0.78	0.94	0.16	0	0	0	0	0	0	0	0
9/16/2023 10:13	23401 HONE_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9/16/2023 10:15	28403 HART_T2	0	0	0	0	0	0	0	0	1	1	0	900	900	0
9/16/2023 10:15	58401 MORO_T1	0	1	1	0	0.3	0.3	0	0	0	0	0	0	0	0
9/16/2023 10:15	46801 HEPB_T2	2	2	0	0.55	0.3	-0.25	0	0	0	0	0	0	0	0
9/16/2023 10:15	13503 MCMI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9/16/2023 10:15	54701 NEBL_T1	0	0	0	0	0	0	0	0	1	1	0	600	600	0
9/16/2023 10:15	64801 MONE_T2	1	1	0	0.5	0.7	0.2	0	0	0	0	0	0	0	0
9/16/2023 10:15	17804 GILB_T2	5	4	-1	0.26	0.35	0.09	0	0	0	0	0	0	0	0
9/16/2023 10:16	65003 NEFF_T2	0	1	1	0	0.2	0.2	0	0	0	0	0	0	0	0
9/16/2023 10:16	43202 MVIL_T2	1	1	0	0.5	0.5	0	0	0	0	0	0	0	0	0
9/16/2023 10:17	66505 SMAN_T2	0	1	1	0	0.3	0.3	0	0	1	1	0	900	900	0
9/16/2023 10:17	65602 QVIL_T2	64	48	-16	0.27	0.23	-0.04	0	0	0	0	0	0	0	0
9/16/2023 10:17	58401 MORO_T1	0	1	1	0	0.3	0.3	0	0	0	0	0	0	0	0
9/16/2023 10:17	13503 MCMI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9/16/2023 10:18	65601 QVIL_T2	410	365	-45	0.44	0.41	-0.03	0	0	0	0	0	0	0	0
9/16/2023 10:18	59402 RFLD_T2	87	76	-11	0.44	0.34	-0.1	0	0	1	1	0	450	450	0
9/16/2023 10:19	65602 QVIL_T2	64	48	-16	0.27	0.23	-0.04	0	0	0	0	0	0	0	0
9/16/2023 10:19	43202 MVIL_T2	1	1	0	0.5	0.5	0	0	0	0	0	0	0	0	0
9/16/2023 10:20	15601 NSTR_T2	3	3	0	0.37	0.33	-0.04	0	0	0	0	0	0	0	0
9/16/2023 10:20	66701 STRA_T1	1	1	0	1.8	1.6	-0.2	0	0	0	0	0	0	0	0
9/16/2023 10:20	59402 RFLD_T2	87	76	-11	0.44	0.34	-0.1	0	0	2	2	0	900	900	0
9/16/2023 10:20	67502 WEWI_T2	52	42	-10	0.23	0.25	0.02	0	0	1	1	0	900	900	0
9/16/2023 10:22	59101 WALK_T2	3	1	-2	0.5	0	-0.5	0	0	0	0	0	0	0	0
9/16/2023 10:22	45902 AUBU_T1	0	1	1	0	0.5	0.5	0	0	1	1	0	600	600	0
9/16/2023 10:23	44301 BEAV_T2	9	7	-2	0.38	0.33	-0.05	0	0	0	0	0	0	0	0
9/16/2023 10:24	28604 BLYT_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9/16/2023 10:25	15001 BLMO_T1	2	1	-1	0.25	0.1	-0.15	0	0	0	0	0	0	0	0
9/16/2023 10:25	17805 GILB_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9/16/2023 10:25	67502 WEWI_T2	52	42	-10	0.23	0.25	0.02	0	0	2	2	0	1800	1800	0
9/16/2023 10:26	17804 GILB_T2	5	4	-1	0.26	0.35	0.09	0	0	0	0	0	0	0	0
9/16/2023 10:26	15001 BLMO_T1	2	1	-1	0.25	0.1	-0.15	0	0	0	0	0	0	0	0
9/16/2023 10:27	46203 DANV_T2	0	2	2	0	0.65	0.65	0	0	0	0	0	0	0	0
9/16/2023 10:28	45003 LIME_2	1	1	0	3.2	3.1	-0.1	0	0	0	0	0	0	0	0
9/16/2023 10:28	12701 MACU_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9/16/2023 10:28	61801 EELI_T2	2	2	0	0.7	0.7	0	0	0	1	1	0	600	600	0
9/16/2023 10:29	12701 MACU_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9/16/2023 10:30	45003 LIME_2	1	1	0	3.1	3.3	0.2	0	0	0	0	0	0	0	0
9/16/2023 10:31	40101 HUNT_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9/16/2023 10:31	15001 BLMO_T1	1	1	0	0.1	0.2	0.1	0	0	0	0	0	0	0	0
9/16/2023 10:32	45003 LIME_2	1	1	0	3.1	3.3	0.2	0	0	0	0	0	0	0	0
9/16/2023 10:33	12701 MACU_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9/16/2023 10:36	59101 WALK_T2	1	1	0	0	0	0	0	0	0	0	0	0	0	0
9/16/2023 10:37	67502 WEWI_T2	38	39	1	0.24	0.27	0.03	0	0	0	0	0	0	0	0
9/16/2023 10:37	29401 BELT_T1	17	42	25	0.11	0.18	0.07	0	0	1	1	0	900	900	0
9/16/2023 10:37	15001 BLMO_T1	1	1	0	0.1	0.2	0.1	0	0	0	0	0	0	0	0
9/16/2023 10:40	29402 BELT_T1	248	262	14	0.93	0.88	-0.05	0	0	0	0	0	0	0	0
9/16/2023 10:41	29401 BELT_T1	17	42	25	0.11	0.18	0.07	0	0	0	0	0	0	0	0
9/16/2023 10:41	52402 GRPA_T2	5	7	2	0.92	0.91	-0.01	0	0	0	0	0	0	0	0
9/16/2023 10:45	52401 GRPA_T2	1	1	0	0.5	0.8	0.3	0	0	0	0	0	0	0	0
9/16/2023 10:48	42902 MIDD_T2	138	207	69	0.38	0.49	0.11	0	0	0	0	0	0	0	0
9/16/2023 10:50	56501 ROCK_T2	2	2	0	0.45	0.1	-0.35	0	0	0	0	0	0	0	0
9/16/2023 10:51	65802 RTWN_T2	3	3	0	0.63	0.8	0.17	0	0	0	0	0	0	0	0
9/16/2023 10:51	54001 SDLE_T1	4	4	0	0.58	0.85	0.27	0	0	1	1	0	600	600	0
9/16/2023 10:51	59102 WALK_T2	2	2	0	0.45	0.75	0.3	0	0	0	0	0	0	0	0
9/16/2023 10:52	54001 SDLE_T1	4	4	0	0.58	0.85	0.27	0	0	1	1	0	600	600	0
9/16/2023 10:53	67402 WAKE_T2	2	2	0	0.35	0.55	0.2	0	0	0	0	0	0	0	0
9/16/2023 10:53	59101 WALK_T2	1	1	0	0	0	0	0	0	0	0	0	0	0	0
9/16/2023 10:58	52002 LING_T2	0	1	1	0	0.5	0.5	0	0	0	0	0	0	0	0
9/16/2023 11:00	54001 SDLE_T1	4	5	1	0.7	0.74	0.04	0	0	1	1	0	600	600	0
9/16/2023 11:01	64802 MONE_T2	5	4	-1	0.38	0.55	0.17	0	0	0	0	0	0	0	0
9/16/2023 11:02	46501 LOHA_T1	1	0	-1	0.9	0	-0.9	0	0	1	1	0	1200	1200	0
9/16/2023 11:04	54701 NEBL_T1	0	0	0	0	0	0	0	0	1	1	0	600	600	0
9/16/2023 11:04	44601 SAL

9/16/2023 11:38	45902 AUBU_T1	1	3	2	0.8	0.6	-0.2	0	0	1	1	0	600	600	0
9/16/2023 11:39	45901 AUBU_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9/16/2023 11:39	67502 WEWI_T2	17	13	-4	0.43	0.44	0.01	0	0	1	1	0	900	900	0
9/16/2023 11:39	28602 BLYT_T2	1	1	0	0.2	0.1	-0.1	0	0	0	0	0	0	0	0
9/16/2023 11:39	14404 SSLA_T1	1	0	-1	0.2	0	-0.2	0	0	0	0	0	0	0	0
9/16/2023 11:39	67503 WEWI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9/16/2023 11:40	46001 BERW_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9/16/2023 11:40	26603 BROO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9/16/2023 11:40	46203 DANV_T2	2	2	0	0.6	0.6	0	0	0	0	0	0	0	0	0
9/16/2023 11:40	67503 WEWI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9/16/2023 11:41	67501 WEWI_T1	4	4	0	0.73	0.6	-0.13	0	0	2	2	0	1200	1200	0
9/16/2023 11:41	66505 SMAN_T2	1	1	0	0.6	0.7	0.1	0	0	1	1	0	900	900	0
9/16/2023 11:41	40101 HUNT_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9/16/2023 11:41	45902 AUBU_T1	1	3	2	0.8	0.6	-0.2	0	0	1	1	0	600	600	0
9/16/2023 11:43	54505 ENOL_T2	1	1	0	0.4	0.2	-0.2	0	0	0	0	0	0	0	0
9/16/2023 11:45	44502 HAMI_T2	1	1	0	2	1.9	-0.1	0	0	0	0	0	0	0	0
9/16/2023 11:46	64301 LINC_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9/16/2023 11:49	66703 STRA_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9/16/2023 11:49	54001 SDLE_T1	3	4	1	0.9	0.83	-0.07	0	0	1	1	0	600	600	0
9/16/2023 11:50	64101 REFR_T1	4	4	0	5.85	5.58	-0.27	0	0	0	0	0	0	0	0
9/16/2023 11:50	66701 STRA_T1	0	1	1	0	0.5	0.5	0	0	0	0	0	0	0	0
9/16/2023 11:51	65003 NEFF_T2	1	1	0	0.7	0.8	0.1	0	0	0	0	0	0	0	0
9/16/2023 11:52	44302 BEAV_T2	242	257	15	0.48	0.43	-0.05	0	0	0	0	0	0	0	0
9/16/2023 11:52	66504 SMAN_T2	1	1	0	0.6	0.5	-0.1	0	0	0	0	0	0	0	0
9/16/2023 11:52	54001 SDLE_T1	3	4	1	0.9	0.83	-0.07	0	0	1	1	0	600	600	0
9/16/2023 11:53	26603 BROO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9/16/2023 11:53	54001 SDLE_T1	3	4	1	0.9	0.83	-0.07	0	0	1	1	0	600	600	0
9/16/2023 11:54	10801 CHHI_T1	1	4	3	0.1	0.5	0.4	0	0	1	1	0	900	900	0
9/16/2023 11:55	44301 BEAV_T2	6	7	1	0.28	0.31	0.03	0	0	0	0	0	0	0	0
9/16/2023 11:56	10805 CHHI_T2	1	1	0	8.3	8.2	-0.1	0	0	1	1	0	600	600	0
9/16/2023 11:56	26603 BROO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9/16/2023 11:56	46203 DANV_T2	2	3	1	0.6	0.43	-0.17	0	0	0	0	0	0	0	0
9/16/2023 12:03	54001 SDLE_T1	3	6	3	1.07	0.52	-0.55	0	0	2	2	0	1200	1200	0
9/16/2023 12:03	64101 REFR_T1	4	4	0	5.58	5.43	-0.15	0	0	0	0	0	0	0	0
9/16/2023 12:05	54001 SDLE_T1	3	6	3	1.07	0.52	-0.55	0	0	1	1	0	600	600	0
9/16/2023 12:06	66703 STRA_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9/16/2023 12:06	64101 REFR_T1	4	4	0	5.58	5.43	-0.15	0	0	0	0	0	0	0	0
9/16/2023 12:07	66504 SMAN_T2	1	1	0	0.3	0.5	0.2	0	0	0	0	0	0	0	0
9/16/2023 12:07	64101 REFR_T1	4	4	0	5.58	5.43	-0.15	0	0	0	0	0	0	0	0
9/16/2023 12:09	28602 BLYT_T2	0	1	1	0	0.2	0.2	0	0	0	0	0	0	0	0
9/16/2023 12:09	10801 CHHI_T1	3	5	2	0.2	0.5	0.3	0	0	1	1	0	900	900	0
9/16/2023 12:12	46203 DANV_T2	2	3	1	0.6	0.67	0.07	0	0	0	0	0	0	0	0
9/16/2023 12:12	43402 BENT_T1	9	9	0	0.66	0.63	-0.03	0	0	1	1	0	900	900	0
9/16/2023 12:12	10805 CHHI_T2	1	1	0	8.2	8.3	0.1	0	0	1	1	0	600	600	0
9/16/2023 12:13	40101 HUNT_T2	3	3	0	0.37	0.47	0.1	0	0	0	0	0	0	0	0
9/16/2023 12:29	43402 BENT_T1	9	9	0	0.62	0.64	0.02	0	0	1	1	0	900	900	0
9/16/2023 12:38	26603 BROO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9/16/2023 12:40	26603 BROO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9/16/2023 12:53	46001 BERW_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9/16/2023 12:55	40101 HUNT_T2	2	3	1	0.3	0.43	0.13	0	0	0	0	0	0	0	0
9/16/2023 13:00	63203 MGTN_T1	1	1	0	0.1	0.2	0.1	0	0	1	1	0	600	600	0
9/16/2023 13:01	26603 BROO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9/16/2023 13:04	26603 BROO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9/16/2023 13:08	66703 STRA_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9/16/2023 13:09	66701 STRA_T1	1	1	0	1.1	0.9	-0.2	0	0	0	0	0	0	0	0
9/16/2023 13:11	40101 HUNT_T2	2	3	1	0.4	0.43	0.03	0	0	0	0	0	0	0	0
9/16/2023 13:12	43402 BENT_T1	8	9	1	0.68	0.68	0	0	0	1	1	0	900	900	0
9/16/2023 13:15	45802 HEGI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9/16/2023 13:20	64101 REFR_T1	4	3	-1	5.23	6.97	1.74	0	0	0	0	0	0	0	0
9/16/2023 13:23	46001 BERW_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9/16/2023 13:29	43402 BENT_T1	9	10	1	0.68	0.73	0.05	0	0	1	1	0	900	900	0
9/16/2023 13:51	64101 REFR_T1	3	4	1	6.63	5.13	-1.5	0	0	0	0	0	0	0	0
9/16/2023 13:52	67501 WEWI_T1	1	1	0	0.3	0.2	-0.1	0	0	1	1	0	600	600	0
9/16/2023 13:55	67502 WEWI_T2	3	2	-1	0.57	0.5	-0.07	0	0	3	3	0	2700	2700	0
9/16/2023 13:56	67502 WEWI_T2	3	2	-1	0.57	0.5	-0.07	0	0	0	0	0	0	0	0
9/16/2023 13:57	41801 GOCI_T2	68	9	-59	0.28	0.52	0.24	0	0	0	0	0	0	0	0
9/16/2023 13:57	67501 WEWI_T1	1	1	0	0.3	0.2	-0.1	0	0	1	1	0	600	600	0
9/16/2023 14:01	47104 MARL_T1	1	2	1	0.2	0.15	-0.05	0	0	0	0	0	0	0	0
9/16/2023 14:03	54001 SDLE_T1	2	2	0	1	1	0	0	0	1	1	0	600	600	0
9/16/2023 14:04	54001 SDLE_T1	2	2	0	1	1	0	0	0	1	1	0	600	600	0
9/16/2023 14:06	54001 SDLE_T1	2	2	0	1	1	0	0	0	1	1	0	600	600	0
9/16/2023 14:10	42701 AUGU_T1	0	0	0	0	0	0	0	0	2	2	0	1800	1800	0
9/16/2023 14:10	10801 CHHI_T1	1	4	3	0.1	0.38	0.28	0	0	2	2	0	1500	1500	0
9/16/2023 14:12	43402 BENT_T1	9	9	0	0.54	0.7	0.16	0	0	1	1	0	900	900	0
9/16/2023 14:12	46203 DANV_T2	1	2	1	0.3	0.85	0.55	0	0	0	0	0	0	0	0
9/16/2023 14:13	41801 GOCI_T2	8	9	1	0.56	0.51	-0.05	0	0	0	0	0	0	0	0
9/16/2023 14:14	46503 LOHA_T1	0	14	14	0	0.4	0.4	0	0	0	0	0	0	0	0
9/16/2023 14:14	45003 LIME_2	1	1	0	3.6	3.8	0.2	0	0	1	1	0	1200	1200	0
9/16/2023 14:14	40101 HUNT_T2	2	2	0	0.3	0.35	0.05	0	0	0	0	0	0	0	0
9/16/2023 14:15	46505 LOHA_T1	10	26	16	0.33	0.47	0.14	0	0	0	0	0	0	0	0
9/16/2023 14:16	45003 LIME_2	1	1	0	3.7	3.9	0.2	0	0	1	1	0	1200	1200	0
9/16/2023 14:16	47101 MARL_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9/16/2023 14:16	46505 LOHA_T1	10	26	16	0.33	0.47	0.14	0	0	0	0	0	0	0	0
9/16/2023 14:18	13704 SCHN_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9/16/2023 14:18	46503 LOHA_T1	6	15	9	0.52	0.44	-0.08	0	0	0	0	0	0	0	0
9/16/2023 14:18	45802 HEGI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9/16/2023 14:18	45003 LIME_2	1	1	0	3.7	3.9	0.2	0	0	1	1	0	1200	1200	0
9/16/2023 14:19	54001 SDLE_T1	2	2	0	1	0.9	-0.1	0	0	1	1	0	600	600	0
9/16/2023 14:20	54001 SDLE_T1	2	2	0	1	0.9	-0.1	0	0	1	1	0	600	600	0
9/16/2023 14:20	13704 SCHN_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9/16/2023 14:20	66505 SMAN_T2	0	0	0	0	0	0	0	0	1	3	2	900	1700	800
9/16/2023 14:21	65803 RTWN_T2	1	0	-1	0.2	0	-0.2	0	0	0	0	0	0	0	0
9/16/2023 14:21	43001 ALWD_T1	0	1	1	0	0.1	0.1	0	0	0	0	0	0	0	0
9/16/2023 14:22	54001 SDLE_T1	2	2	0	1	0.9	-0.1	0	0	1	1	0	600	600	0
9/16/2023 14:22	20403 ASHF_T2	2	0	-2	0.1	0	-0.1	0	0	0	0	0	0	0	0
9/16/2023 14:22	14403 SSLA_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9/16/2023 14:22	67503 WEWI_T2	0	1	1	0	0	0	0	0	0	0	0	0	0	0
9/16/2023 14:23	44302 BEAV_T2	69	84	15	0.48	0.44	-0.04	0	0	0	0	0	0	0	0
9/16/2023 14:23	42701 AUGU_T1	0	0	0	0	0	0	0	0	2	2	0	1800	1800	0
9/16/2023 14:23	66703 STRA_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9/16/2023 14:24	28602 BLYT_T2	1	1	0	0.2	0.1	-0.1	0	0	0	0	0	0	0	0
9/16/2023 14:24	66505 SMAN_T2	0	0	0	0	0	0	0	0	1	3	2	900	1700	800
9/16/2023 14:24	20403 ASHF_T2	2	0	-2	0.1	0	-0.1	0	0	0	0	0	0	0	0
9/16/2023 14:26	67502 WEWI_T2	2	2	0	0.5	0.4	-0.1	0	0	1	1	0	900	900	0
9/16/2023 14:26	42701 AUGU_T1	0	0	0	0	0	0	0	0	2	2	0	1800	1800	0
9/16/2023 14:26	10801 CHHI_T1	4	4	0	0.23	0.38	0.15	0	0	2	2	0	1500	1500	0
9/16/2023 14:27	67502 WEWI_T2	2	2	0	0.5	0.4	-0.1	0	0	1	1	0	900	900	0
9/16/2023 14:27	42701 AUGU_T1	0	0	0	0	0	0	0	0	2	2	0	1800	1800	0
9/16/2023 14:28	52004 LING_T2	5	3	-2	0.24	0.33	0.09	0	0	0	0	0	0	0	0
9/16/2023 14:28	41801 GOCI_T2	9	8	-1	0.41	0.55	0.14	0	0	0	0	0	0	0	0
9/16/2023 14:29	43402 BENT_T1	9	9	0	0.7	0.51	-0.19	0	0	1	1	0	900	900	0
9/16/2023 14:31	47101 MARL_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9/16/2023 14:31	64301 LINC_T1	0	0	0	0	0	0	0	0	1	1	0	600	600	0
9/16/2023 14:33	65902 SAKR_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9/16/2023 14:33	64101 REFR_T1	4	3	-1	5.08	6.7	1.62	0	0	0	0	0	0	0	0
9/16/2023 14:34	65003 NEFF_T2	1	1	0	1	0.9	-0.1	0	0	0	0	0	0	0	0
9/16/2023 14:34	64101 REFR_T1	4	3	-1	5.08	6.7	1.62	0	0	0	0	0	0	0	0
9/16/2023 14:35	64101 REFR_T1	4	3	-1	5.08	6.7	1.62	0	0	0	0	0	0	0	0
9/16/2023 14:36	66505 SMAN_T2	0	0	0	0	0	0	0	0	1	3	2	900	1700	800
9/16/2023 14:37	42701 AUGU_T1	0	0	0	0	0	0	0	0	2	2	0	1800	1800	0
9/16/2023 14:38	56801 BENV_T1	13	14	1	0.55	0.34	-0.21	0	0	1	1	0	600	600	0
9/16/2023 14:38	46001 BERW_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9/16/2023 14:38	20403 ASHF_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9/16/2023 14:38	45902 AUBU_T1	10	3	-7	0.28	0.43	0.15	0	0	1	1	0	600	600	0
9/16/2023 14:39	45902 AUBU_T1	10	3	-7	0.28	0.43	0.15	0	0	1	1	0	600	600	0
9/16/2023 14:39	46203 DANV_T2	2	2	0	0.75	0.35	-0.4	0	0	0	0	0	0	0	0
9/16/2023 14:39	66703 STRA_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9/16/2023 14:39	20403 ASHF_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9/16/2023 14:40	40101 HUNT_T2	1	1	0	0.5	0.1	-0.4	0	0	0	0	0	0	0	0
9/16/2023 14:40	66505 SMAN_T2	0	0	0	0	0	0	0	0	3	3	0	1700	1700	0
9/16/2023 14:42	56803 BENV_T1	1	0	-1	0.8	0	-0.8	0	0	0	0	0	0	0	0
9/16/2023 14:44	41801 GOCI_T2	8	8	0	0.55	0.39	-0.16	0	0	0	0	0	0	0	0
9/16/2023 14:44	52004 LING_T2	3	1	-2	0.33	0.2	-0.13	0	0	0	0	0	0	0	0
9/16/2023 14:47	47101 MARL_T1	0	1	1	0	0	0	0	0	0	0	0	0	0	0
9/16/2023 14:48	65902 SAKR_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9/16/2023 14:49	26603 BROO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9/16/2023 14:52	26603 BROO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9/16/2023 14:52	67502 WEWI_T2	2	2	0	0.35	0.35	0	0	0	1	1	0	900	900	0
9/16/2023 14:53	67602 WARW_T2	0	0	0	0	0	0	0	0	1	1	0	300	300	0
9/16/2023 14:53	67502 WEWI_T2	2	2	0	0.35	0.35	0	0	0	2	2	0	1800	1800	0
9/16/2023 14:54	64101 REFR_T1	3	3	0	6.7	6.53	-0.17	0	0	0	0	0	0	0	0
9/16/2023 15:04	58402 MORO_T1	0	0	0	0	0	0	0	0	1	2	1	600	1500	900
9/16/2023 15:04	47101 MARL_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9/16/2023 15:08	45902 AUBU_T1	3	4	1	0.3	0.3	0	0	0	1	1	0	600	600	0
9/16/2023 15:09	56801 BENV_T1	10	8	-2	0.36	0.38	0.02	0	0	1	1	0	600	600	0
9/16/2023 15:10	45901 AUBU_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9/16/2023 15:10	56801 BENV_T1	10	8	-2	0.36	0.38	0.02	0	0	2	2	0	1200	1200	0
9/16/2023 15:12	43402 BENT_T1	5	4	-1	0.72	0.68	-0.04	0	0	1	1	0	900	900	0
9/16/2023 15:14	47101 MARL_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9/16/2023 15:16	45702 LIND_T2	1	1	0	0.3	0.3	0	0	0	0	0	0	0	0	0
9/16/2023 15:18	10801 CHHI_T1	3	0	-3	0.23	0	-0.23	0	0	2	2	0	1500	1500	0
9/16/2023 15:18	65901 SAKR_T2	0	0	0	0	0	0	0	0	1	1	0	900	900	0
9/16/2023 15:29	43402 BENT_T1	4	3	-1	0.68	0.6	-0.08	0	0	1	1	0	900	900	0
9/16/2023 15:29	52403 GRPA_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9/16/2023 15:29	28604 BLYT_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9/16/2023 15:32	43402 BENT_T1	3	2	-1	0.6	0.35	-0.25	0	0	1	1	0	900	900	0
9/16/2023 15:36	58402 MORO_T1	0	0	0	0	0	0	0	0	2	2	0	1500	1500	0
9/16/2023 15:41	56801 BENV_T1	3	1	-2	0.43	0.4	-0.03	0	0	0	0	0	0	0	0
9/16/2023 15:52	65902 SAKR_T2	0	0	0	0	0	0	0	0	1	1	0	300	300	0
9/16/2023 15:57	41602 CLEV_T1	0	0	0	0	0	0	0	0	1	1	0	600	600	0
9/16/2023 15:58	11101 EGYP_T1	0	1	1	0	0	0	0	0	0	0	0	0	0	0
9/16/2023 15:58	56803 BENV_T1	1	1	0	1	0	-1	0	0	0	0	0	0	0	0
9/16/2023 15:59	61301 EARL_T1	0	0	0	0	0	0	0	0	2	2	0	1800	1800	0
9/16/2023 16:07	43304 WATS_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9/16/2023 16:08	43304 WATS_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9/16/2023 16:11	24101 EHAZ_T1	0	1	1	0	0	0	0	0	1	1	0	600	600	0
9/16/2023 16:34	45003 LIME_2	1	1	0	2.9	3.2	0.3	0	0	1	1	0	1200	1200	0
9/16/2023 16:46	46501 LOHA_T1	0	1	1	0	0	0	0	0	0	0	0	0	0	0
9/16/2023 16:49	65503 MOJO_T2	0	0	0	0	0	0	0	0	2	2	0	1800	1800	0
9/16/2023 16:56	49803 UNIV_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9/16/2023 19:14	29401 BELT_T1	0	3	3	0	0.1	0.1	0	0	1	1	0	900	900	0
9/16/2023 20:04	42201 SHEN_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9/16/2023 20:06	65601 QVIL_T2	83	178	95	0.2	0.22	0.02	0	0	0	0	0	0	0	0
9/16/2023 20:12	61304 EARL_T1	0	30	30	0	0.19	0.19	0	0	0	0	0	0	0	0
9/16/2023 20:18	54701 NEBL_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9/16/2023 20:19	65902 SAKR_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9/16/2023 20:20	45802 HEGI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9/16/2023 20:25	60801 BUCK_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9/16/2023 20:29	52403 GRPA_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9/16/2023 20:51	59101 WALK_T2	1	1	0	0	0	0	1.04	0.96	1	1	0	450	450	0
9/16/2023 20:52	56802 BENV_T2	124	122	-2	0.23	0.21	-0.02	-1.31	-1.28	0	0	0	0	0	0
9/16/2023 20:57	59101 WALK_T2	1	1	0	0	0	0	1.04	0.96	1	1	0	450	450	0
9/16/2023 21:01	46803 HEPB_T2	0	0	0

9/16/2023 21:18	67501 WEWI_T1	0	0	0	0	0	0	-1.18	-1.14	1	1	0	600	600	0
9/16/2023 21:18	15001 BLMO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9/16/2023 21:18	46001 BERW_T1	0	0	0	0	0	0	0.58	0.55	0	0	0	0	0	0
9/16/2023 21:18	64101 REFR_T1	3	3	0	8.53	8.73	0.2	0	-0.01	0	0	0	0	0	0
9/16/2023 21:19	60801 BUCK_T1	328	428	100	1.01	0.99	-0.02	0	0	0	0	0	0	0	0
9/16/2023 21:19	40101 HUNT_T2	0	0	0	0	0	0	-0.68	-0.68	0	0	0	0	0	0
9/16/2023 21:20	13704 SCHN_T2	4	5	1	0.2	0.18	-0.02	-0.34	-0.33	0	0	0	0	0	0
9/16/2023 21:20	12701 MACU_T1	0	0	0	0	0	0	0.1	0.08	0	0	0	0	0	0
9/16/2023 21:21	54001 SDLE_T1	1	3	2	1.4	0.63	-0.77	0	0	1	1	0	600	600	0
9/16/2023 21:22	43304 WATS_T2	0	0	0	0	0	0	-0.63	-0.67	0	0	0	0	0	0
9/16/2023 21:22	52402 GRPA_T2	4	5	1	1.38	1.3	-0.08	0	0	0	0	0	0	0	0
9/16/2023 21:22	43202 MVIL_T2	0	0	0	0	0	0	-0.73	-0.69	0	0	0	0	0	0
9/16/2023 21:23	13704 SCHN_T2	4	5	1	0.2	0.18	-0.02	-0.34	-0.33	0	0	0	0	0	0
9/16/2023 21:23	56802 BENV_T2	113	112	-1	0.19	0.2	0.01	-3.96	-4.08	0	0	0	0	0	0
9/16/2023 21:23	46801 HEPB_T2	2	2	0	0.7	0.75	0.05	0.7	0.61	0	0	0	0	0	0
9/16/2023 21:23	66703 STRA_T1	3	15	12	0.23	0.33	0.1	-0.15	-0.19	0	0	0	0	0	0
9/16/2023 21:23	67401 WAKE_T2	2	21	19	0.1	0.12	0.02	-0.8	-0.82	0	0	0	0	0	0
9/16/2023 21:24	64101 REFR_T1	3	3	0	8.53	8.73	0.2	0	-0.01	0	0	0	0	0	0
9/16/2023 21:24	61801 EEU_T2	2	2	0	0.75	0.95	0.2	-0.88	-0.92	1	1	0	600	600	0
9/16/2023 21:27	58402 MORO_T1	0	0	0	0	0	0	-0.5	-0.55	1	1	0	600	600	0
9/16/2023 21:29	44302 BEAV_T2	346	442	96	0.51	0.56	0.05	0.28	0.29	0	0	0	0	0	0
9/16/2023 21:29	43402 BENT_T1	0	0	0	0	0	0	-0.92	-0.93	1	1	0	900	900	0
9/16/2023 22:14	43402 BENT_T1	0	0	0	0	0	0	-0.92	-0.93	1	1	0	900	900	0
9/16/2023 22:29	43402 BENT_T1	0	0	0	0	0	0	-0.93	-0.93	1	1	0	900	900	0
9/16/2023 23:14	43402 BENT_T1	0	0	0	0	0	0	-0.95	-0.95	1	1	0	900	900	0
9/16/2023 23:29	43402 BENT_T1	0	0	0	0	0	0	-0.95	-0.95	1	1	0	900	900	0
9/17/2023 0:14	43402 BENT_T1	3	0	-3	0.1	0	-0.1	-0.96	-0.97	1	1	0	900	900	0
9/17/2023 0:28	64801 MONE_T2	0	0	0	0	0	0	0.3	0.29	0	0	0	0	0	0
9/17/2023 0:28	10805 CHHI_T2	1	1	0	7.9	8.1	0.2	-0.73	-0.75	0	0	0	0	0	0
9/17/2023 0:28	43202 MVIL_T2	0	0	0	0	0	0	-0.76	-0.76	0	0	0	0	0	0
9/17/2023 0:28	41901 REED_T1	0	0	0	0	0	0	-1.14	-1.16	0	0	0	0	0	0
9/17/2023 0:28	61301 EARL_T1	0	0	0	0	0	0	0.15	0.14	0	0	0	0	0	0
9/17/2023 0:28	17804 GILB_T2	0	0	0	0	0	0	-0.58	-0.59	0	0	0	0	0	0
9/17/2023 0:28	65602 QVIL_T2	212	480	268	0.24	0.36	0.12	0	0	0	0	0	0	0	0
9/17/2023 0:28	46504 LOHA_T1	2	2	0	0.15	0.6	0.45	0	0	0	0	0	0	0	0
9/17/2023 0:28	43304 WATS_T2	0	0	0	0	0	0	-0.74	-0.79	0	0	0	0	0	0
9/17/2023 0:28	46203 DANV_T2	0	0	0	0	0	0	-0.22	-0.25	0	0	0	0	0	0
9/17/2023 0:28	65001 NEFF_T2	173	0	-173	0.16	0	-0.16	-1.39	-1.44	1	1	0	1200	1200	0
9/17/2023 0:28	45001 LIME_2	14	27	13	0.12	0.22	0.1	0	0	0	0	0	0	0	0
9/17/2023 0:28	65902 SAKR_T2	0	0	0	0	0	0	0	0.01	0	0	0	0	0	0
9/17/2023 0:28	65902 SAKR_T2	0	0	0	0	0	0	0	0.01	0	0	0	0	0	0
9/17/2023 0:28	58402 MORO_T1	0	0	0	0	0	0	-1	-1.04	2	2	0	1200	1200	0
9/17/2023 0:28	59101 WALK_T2	1	36	35	0	0.17	0.17	-0.45	-0.54	0	0	0	0	0	0
9/17/2023 0:28	65603 QVIL_T2	608	773	165	0.68	0.8	0.12	-0.13	-0.13	0	0	0	0	0	0
9/17/2023 0:28	45802 HEGI_T2	0	0	0	0	0	0	0.17	0.13	0	0	0	0	0	0
9/17/2023 0:28	54001 SDLE_T1	1	1	0	0.5	0.5	0	0	0	2	2	0	1200	1200	0
9/17/2023 0:28	24105 EHAZ_T1	4	4	0	6.4	6.3	-0.1	0	0	0	0	0	0	0	0
9/17/2023 0:28	67503 WEWI_T2	0	0	0	0	0	0	-0.86	-0.92	0	0	0	0	0	0
9/17/2023 0:28	64802 MONE_T2	0	0	0	0	0	0	0.16	0.14	0	0	0	0	0	0
9/17/2023 0:28	61301 EARL_T1	0	0	0	0	0	0	0.15	0.14	0	0	0	0	0	0
9/17/2023 0:28	67501 WEWI_T1	0	0	0	0	0	0	-1.38	-1.36	1	1	0	600	600	0
9/17/2023 0:28	29402 BELT_T1	228	241	13	0.92	0.94	0.02	0	0	0	0	0	0	0	0
9/17/2023 0:28	56802 BENV_T2	1	1	0	0.6	0.7	0.1	8.82	-9.18	0	0	0	0	0	0
9/17/2023 0:28	56801 BENV_T1	34	35	1	0.72	0.79	0.07	-7.36	-7.52	8	8	0	4800	4800	0
9/17/2023 0:28	45901 AUBU_T1	8	0	-8	0.13	0	-0.13	0	0	0	0	0	0	0	0
9/17/2023 0:28	66505 SMAN_T2	3	3	0	0.87	1	0.13	-0.35	-0.35	1	1	0	900	900	0
9/17/2023 0:28	43001 ALWD_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9/17/2023 0:28	12701 MACU_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9/17/2023 0:28	67503 WEWI_T2	0	0	0	0	0	0	-0.86	-0.92	0	0	0	0	0	0
9/17/2023 0:28	29402 BELT_T1	228	241	13	0.92	0.94	0.02	0	0	0	0	0	0	0	0
9/17/2023 0:28	46506 LOHA_T1	1	1	0	0.2	0.2	0	-0.94	-0.98	0	0	0	0	0	0
9/17/2023 0:28	47101 MARL_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9/17/2023 0:28	49803 UNIV_T1	0	1	1	0	0.2	0.2	0.04	-0.02	0	0	0	0	0	0
9/17/2023 0:28	11104 EGYP_T1	0	0	0	0	0	0	0.36	0.35	0	0	0	0	0	0
9/17/2023 0:28	41801 GOCI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9/17/2023 0:28	60801 BUCK_T1	418	563	145	1.35	1.24	-0.11	-0.42	-0.45	0	0	0	0	0	0
9/17/2023 0:28	44301 BEAV_T2	13	13	0	0.45	0.59	0.14	0	0	0	0	0	0	0	0
9/17/2023 0:28	52402 GRPA_T2	1	1	0	4.5	4.2	-0.3	0	0	0	0	0	0	0	0
9/17/2023 0:28	28602 BLYT_T2	0	1	1	0	0.2	0.2	0	0	0	0	0	0	0	0
9/17/2023 0:28	20403 ASHF_T2	0	0	0	0	0	0	0.04	0.79	0	0	0	0	0	0
9/17/2023 0:28	41602 CLEV_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9/17/2023 0:28	45702 LIND_T2	0	0	0	0	0	0	-0.5	-0.5	0	0	0	0	0	0
9/17/2023 0:28	59402 RFLD_T2	72	103	31	0.29	0.35	0.06	-1.3	-1.33	1	1	0	450	450	0
9/17/2023 0:28	63203 MGTN_T1	0	0	0	0	0	0	-0.26	-0.26	1	1	0	600	600	0
9/17/2023 0:28	54701 NEBL_T1	0	0	0	0	0	0	0	0	1	1	0	600	600	0
9/17/2023 0:28	67602 WARW_T2	0	0	0	0	0	0	0.25	1.47	0	0	0	0	0	0
9/17/2023 0:28	42901 MIDD_T2	510	604	94	0.55	0.61	0.06	0	0	0	0	0	0	0	0
9/17/2023 0:28	40101 HUNT_T2	0	0	0	0	0	0	-0.84	-0.84	0	0	0	0	0	0
9/17/2023 0:28	44601 SALE_T2	1	1	0	0.2	0.3	0.1	-0.21	-0.23	0	0	0	0	0	0
9/17/2023 0:28	23401 HONE_T2	1	1	0	1.6	1.6	0	-0.15	-0.17	0	0	0	0	0	0
9/17/2023 0:28	14403 SSLA_T1	0	0	0	0	0	0	0.6	0.56	0	0	0	0	0	0
9/17/2023 0:28	56801 BENV_T1	34	35	1	0.72	0.79	0.07	-7.36	-7.52	8	8	0	4800	4800	0
9/17/2023 0:28	43304 WATS_T2	0	0	0	0	0	0	-0.74	-0.79	0	0	0	0	0	0
9/17/2023 0:28	26603 BROO_T1	1	0	-1	0.2	0	-0.2	0.85	1.12	0	0	0	0	0	0
9/17/2023 0:28	28403 HART_T2	0	0	0	0	0	0	-0.69	-0.68	1	1	0	900	900	0
9/17/2023 0:28	15001 BLMO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9/17/2023 0:28	65802 RTWN_T2	0	0	0	0	0	0	-0.48	-0.48	0	0	0	0	0	0
9/17/2023 0:28	42701 AUGU_T1	1	1	0	0.6	0.7	0.1	0	0	6	6	0	5400	5400	0
9/17/2023 0:28	64101 REFR_T1	3	3	0	9.7	9.63	-0.07	0.03	0	0	0	0	0	0	0
9/17/2023 0:29	43402 BENT_T1	0	0	0	0	0	0	-0.97	-0.95	1	1	0	900	900	0
9/17/2023 1:14	43402 BENT_T1	0	0	0	0	0	0	-0.97	-0.96	1	1	0	900	900	0
9/17/2023 1:29	43402 BENT_T1	0	0	0	0	0	0	-0.96	-0.97	1	1	0	900	900	0
9/17/2023 1:54	43402 BENT_T1	0	0	0	0	0	0	-0.98	-0.99	1	1	0	900	900	0
9/17/2023 4:24	52403 GRPA_T2	0	0	0	0	0	0	-0.03	-0.01	0	0	0	0	0	0
9/17/2023 4:25	52401 GRPA_T2	1	1	0	0.1	0.2	0.1	0	0	0	0	0	0	0	0
9/17/2023 7:41	52402 GRPA_T2	2	4	2	1.9	1.2	-0.7	0	0	0	0	0	0	0	0
9/17/2023 8:03	15602 NSTR_T2	184	37	-147	0.18	0.1	-0.08	0	0	0	0	0	0	0	0
9/17/2023 8:09	44302 BEAV_T2	505	474	-31	0.67	0.59	-0.08	0.26	0.27	0	0	0	0	0	0
9/17/2023 8:10	44301 BEAV_T2	13	13	0	0.62	0.5	-0.12	0	0	0	0	0	0	0	0
9/17/2023 8:11	44302 BEAV_T2	505	474	-31	0.67	0.59	-0.08	0.26	0.27	0	0	0	0	0	0
9/17/2023 8:14	46801 HEPB_T2	2	2	0	0.55	0.55	0	0.54	0.51	0	0	0	0	0	0
9/17/2023 8:23	29401 BELT_T1	48	79	31	0.23	0.3	0.07	0	0	0	0	0	0	0	0
9/17/2023 8:25	29402 BELT_T1	276	316	40	1.11	1.43	0.32	0	0	0	0	0	0	0	0
9/17/2023 8:25	44302 BEAV_T2	467	438	-29	0.58	0.51	-0.07	0.27	0.21	0	0	0	0	0	0
9/17/2023 8:25	59101 WALK_T2	1	1	0	0	0	0	1.2	1.24	0	0	0	0	0	0
9/17/2023 8:28	52402 GRPA_T2	4	1	-3	1.03	3.5	2.47	0	0	0	0	0	0	0	0
9/17/2023 8:47	40101 HUNT_T2	0	0	0	0	0	0	-0.77	-0.78	0	0	0	0	0	0
9/17/2023 8:55	60801 BUCK_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9/17/2023 8:59	52403 GRPA_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9/17/2023 9:09	26603 BROO_T1	0	0	0	0	0	0	0.12	0.13	0	0	0	0	0	0
9/17/2023 9:11	26603 BROO_T1	0	0	0	0	0	0	0.12	0.13	0	0	0	0	0	0
9/17/2023 9:20	14403 SSLA_T1	0	0	0	0	0	0	0.74	0.81	0	0	0	0	0	0
9/17/2023 9:21	59101 WALK_T2	1	1	0	0	0	0	1.01	1.01	0	0	0	0	0	0
9/17/2023 9:22	14403 SSLA_T1	0	0	0	0	0	0	0.74	0.81	0	0	0	0	0	0
9/17/2023 9:23	49804 UNIV_T1	0	1	1	0	0	0	0	0	0	0	0	0	0	0
9/17/2023 9:24	60803 BUCK_T1	152	140	-12	0.33	0.33	0	0	0	0	0	0	0	0	0
9/17/2023 9:28	43401 BENT_T1	2	0	-2	0.2	0	-0.2	0	0	0	0	0	0	0	0
9/17/2023 9:31	47101 MARL_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9/17/2023 9:33	42201 SHEN_T2	0	0	0	0	0	0	0.62	0.62	0	0	0	0	0	0
9/17/2023 9:36	58001 WCAR_T1	10	12	2	0.8	0.75	-0.05	0	0	0	0	0	0	0	0
9/17/2023 9:38	45902 AUBU_T1	0	0	0	0	0	0	-0.36	-0.39	0	0	0	0	0	0
9/17/2023 9:40	29401 BELT_T1	12	0	-11	0.12	0.1	-0.02	0	0	0	0	0	0	0	0
9/17/2023 9:40	15001 BLMO_T1	0	1	1	0	0.2	0.2	0	0	0	0	0	0	0	0
9/17/2023 9:41	13503 MCMI_T2	0	0	0	0	0	0	-0.01	-0.01	0	0	0	0	0	0
9/17/2023 9:45	23401 HONE_T2	0	0	0	0	0	0	-0.09	-0.08	0	0	0	0	0	0
9/17/2023 9:47	41901 REED_T1	1	2	1	0.2	0.25	0.05	-2.09	-2.05	1	1	0	900	900	0
9/17/2023 9:48	43202 MVIL_T2	0	0	0	0	0	0	-0.71	-0.71	0	0	0	0	0	0
9/17/2023 9:49	13704 SCHN_T2	0	0	0	0	0	0	-0.32	-0.3	0	0	0	0	0	0
9/17/2023 9:49	43202 MVIL_T2	0	0	0	0	0	0	-0.71	-0.71	0	0	0	0	0	0
9/17/2023 9:51	56802 BENV_T2	1	1	0	0.5	0.7	0.2	-1.35	-1.41	0	0	0	0	0	0
9/17/2023 9:51	65604 QVIL_T2	5	4	-1	0.38	0.43	0.05	0	0	0	0	0	0	0	0
9/17/2023 9:54	15001 BLMO_T1	1	1	0	0.1	0.2	0.1	0	0	0	0	0	0	0	0
9/17/2023 9:55	56802 BENV_T2	1	1	0	0.5	0.7	0.2	-1.35	-1.41	0	0	0	0	0	0
9/17/2023 9:56	56802 BENV_T2	1	1	0	0.5	0.7	0.2	-1.35	-1.41	0	0	0	0	0	0
9/17/2023 9:57	10801 CHHI_T1	0	0	0	0	0	0	-0.83	-0.86	1	1	0	900	900	0
9/17/2023 9:58	52402 GRPA_T2	2	2	0	1.65	1.65	0	0	0	0	0	0	0	0	0
9/17/2023 10:00	65601 QVIL_T2	149	68	-81	0.2	0.19	-0.01	0	0	0	0	0	0	0	0
9/17/2023 10:00	40101 HUNT_T2	0	0	0	0	0	0	-0.73	-0.74	0	0	0	0	0	0
9/17/2023 10:00	60801 BUCK_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9/17/2023 10:00	52503 PROG_T2	0	1	1	0	0	0	-0.74	-0.74	1	1	0	900	900	0
9/17/2023 10:00	10602 BLGL_T2	1	1	0	8.8	8.9	0.1	0.27	0.31	0	0	0	0	0	0
9/17/2023 10:00	67604 WARW_T1	0	0	0	0	0	0	0.55	0.56	0	0	0	0	0	0
9/17/2023 10:00	42201 SHEN_T2	0	0	0	0	0	0	0.62	0.62	0	0	0	0	0	0
9/17/2023 10:00	52403 GRPA_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9/17/2023 10:00	56601 HAMP_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9/17/2023 10:00	43402 BENT_T1	0	0	0	0	0	0	-0.93	-0.94	1	1	0	900	900	0
9/17/2023 10:00	12604 MACA_T1	0	0	0	0	0	0	0.33	0.38	0	0	0	0	0	0
9/17/2023 10:00	41901 REED_T1	2	1	-1	0.25	0.1	-0.15	-2.09	-2.05	1	1	0	900	900	0
9/17/2023 10:00	20403 ASHF_T2	1	1	0	0.3	0.3	0	0	0	0	0	0	0	0	0
9/17/2023 10:00	64801 MONE_T2	0	0	0	0	0	0	0.23	0.22	0	0	0	0	0	0
9/17/2023 10:08	10801 CHHI_T1	0	0	0	0	0	0	-0.86	-0.83	1	1	0	900	900	0
9/17/2023 10:08	58003 WCAR_T1	23	22	-1	0.22	0.24	0.02	0.56	0.58	0	0	0	0	0	0
9/17/2023 10:09	26603 BROO_T1	0	0	0	0	0	0	0.12	0.13	0	0	0	0	0	0
9/17/2023 10:09	60801 BUCK_T1	280	250	-30	1.14	1.16	0.02	-0.35	-0.36	0	0	0	0	0	0
9/17/2023 10:09	15001 BLMO_T1	1	0	-1	0.2	0	-0.2	0	0	0	0	0	0	0	0
9/17/2023 10:09	29402 BELT_T1	225	143	-82	0.91	0.76	-0.15	0	0	0	0	0	0	0	0
9/17/2023 10:10	29402 BELT_T1	225	143	-82	0.91	0.76	-0.15	0	0	0	0	0	0	0	0
9/17/2023 10:10	44301 BEAV_T2	6	4	-2	0.37	0.48	0.11	0	0	0	0	0	0	0	0
9/17/2023 10:12	29402 BELT_T1	225	143	-82	0.91	0.76	-0.15	0	0	0	0	0	0	0	0
9/17/2023 10:12	26603 BROO_T1	0	0	0	0	0	0	0.12	0.13	0	0	0	0	0	0
9/17/2023 10:13	46803 HEPB_T2	0	0	0	0	0	0	0.4	0.41	0	0	0	0	0	0
9/17/2023 10:14	23401 HONE_T2	0	0	0	0	0	0	-0.07	-0.07	0	0	0	0	0	0
9/17/2023 10:14	12701 MACU_T1	0	0	0	0	0	0	0.09	0.08	0	0	0	0	0	0
9/17/2023 10:15	46801 HEPB_T2	2	2	0	0.15	0.65	0.5	0.56	0.63	0	0	0	0	0	0
9/17/2023 10:17	12701 MACU_T1	0	0	0	0	0	0	0.08	0.09	0	0	0	0	0	0
9/17/2023 10:18	13503 MCMI_T2	0	0	0	0	0	0	-0.01	-0.01	0	0	0	0	0	0
9/17/2023 10:19	43202 MVIL_T2	0	0	0	0	0	0	-0.72	-0.73	0	0	0	0	0	0
9/17/2023 10:19	47101 MARL_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9/17/2023 10:20	43202 MVIL_T2	0	0	0	0	0	0	-0.72	-0.73	0	0	0	0	0	0
9/17/2023 10:20	59101 WALK_T2	1	1	0	0	0	0	0.99	1.37	0	0	0	0	0	0
9/17/2023 10:21	59101 WALK_T2	1	1	0	0	0	0	0.99	1.37	0	0	0	0	0	0
9/17/2023 10:21	66505 SMAN_T2	0	0	0	0	0	0	0.14	0.12	2	2	0	1500	1500	0
9/17/2023 10:22	66505 SMAN_T2	0	0	0	0	0	0	0.14	0.12	2	2	0	1500	1500	0
9/17/2023 10:23	43001 ALWD_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9/17/2023 10:24	15001 BLMO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9/17/2023 10:24	20403 ASHF_T2	0	1	1	0	0.3	0.3	0.27	0.29	0	0	0	0	0	0
9/17/2023 10:25	20403 ASHF_T2	0	1	1	0	0.3	0.3	0.27	0.29	0	0	0	0	0	0
9/17/2023 10:25	15001 BLMO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9/17/2023 10:26	28403 HART_T2	0	0	0	0	0	0	-0.62	-0.59	1	1	0	900	900	0
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Appendix C - Grid Benefits Achieved in Each Instance of Active Management

9/17/2023 11:02	44201 POIN_T1	0	0	0	0	0	0	-1.92	-2.01	1	1	0	900	900	0
9/17/2023 11:02	44601 SALE_T2	0	0	0	0	0	0	-0.11	-0.16	0	0	0	0	0	0
9/17/2023 11:05	58001 WCAR_T1	4	4	0	1.68	1.63	-0.05	0	0	0	0	0	0	0	0
9/17/2023 11:05	54701 NEBL_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9/17/2023 11:06	44201 POIN_T1	0	0	0	0	0	0	-3.83	-4.02	2	2	0	1800	1800	0
9/17/2023 11:07	42701 AUGU_T1	0	0	0	0	0	0	0	0	2	2	0	1800	1800	0
9/17/2023 11:07	44302 BEAV_T2	237	232	-5	0.52	0.49	-0.03	0.14	0.16	0	0	0	0	0	0
9/17/2023 11:07	44201 POIN_T1	0	0	0	0	0	0	-1.92	-2.01	1	1	0	900	900	0
9/17/2023 11:08	49803 UNIV_T1	0	0	0	0	0	0	-2.13	-2.04	0	0	0	0	0	0
9/17/2023 11:12	46203 DANV_T2	0	0	0	0	0	0	-0.09	-0.08	0	0	0	0	0	0
9/17/2023 11:13	45402 WILO_T2	1	0	-1	1	0	-1	0	0	1	1	0	900	900	0
9/17/2023 11:18	64101 REFR_T1	3	3	0	7.5	7.7	0.2	0.57	0.52	0	0	0	0	0	0
9/17/2023 11:19	13704 SCHN_T2	0	0	0	0	0	0	-0.27	-0.27	0	0	0	0	0	0
9/17/2023 11:22	66703 STRA_T1	0	0	0	0	0	0	-0.25	-0.22	0	0	0	0	0	0
9/17/2023 11:24	45902 AUBU_T1	0	0	0	0	0	0	-0.23	-0.75	0	1	1	0	600	600
9/17/2023 11:27	43402 BENT_T1	0	0	0	0	0	0	-0.92	-0.91	1	1	0	900	900	0
9/17/2023 11:29	12701 MACU_T1	0	0	0	0	0	0	0.11	0.11	0	0	0	0	0	0
9/17/2023 11:29	43402 BENT_T1	0	0	0	0	0	0	-0.92	-0.91	1	1	0	900	900	0
9/17/2023 11:31	64801 MONE_T2	0	0	0	0	0	0	0.28	0.27	0	0	0	0	0	0
9/17/2023 11:32	47101 MARL_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9/17/2023 11:32	54701 NEBL_T1	0	0	0	0	0	0	0	0	1	1	0	600	600	0
9/17/2023 11:34	65001 NEFF_T2	0	0	0	0	0	0	-1.08	-1.2	1	1	0	1200	1200	0
9/17/2023 11:35	66505 SMAN_T2	0	0	0	0	0	0	0.26	0.14	2	2	0	1500	1500	0
9/17/2023 11:36	66505 SMAN_T2	0	0	0	0	0	0	0.26	0.14	2	2	0	1500	1500	0
9/17/2023 11:37	24901 WHHA_T1	0	0	0	0	0	0	0.55	0.57	0	0	0	0	0	0
9/17/2023 11:38	46203 DANV_T2	0	0	0	0	0	0	-0.08	-0.08	0	0	0	0	0	0
9/17/2023 11:39	60801 BUCK_T1	190	178	-12	0.93	0.77	-0.16	-0.32	-0.31	0	0	0	0	0	0
9/17/2023 11:39	60803 BUCK_T1	33	27	-6	0.27	0.28	0.01	-0.85	-0.83	1	1	0	600	600	0
9/17/2023 11:39	46001 BERW_T1	0	0	0	0	0	0	0.53	0.53	0	0	0	0	0	0
9/17/2023 11:40	24901 WHHA_T1	0	0	0	0	0	0	0.55	0.57	0	0	0	0	0	0
9/17/2023 11:40	28604 BLYT_T2	0	0	0	0	0	0	-1.34	-1.32	0	0	0	0	0	0
9/17/2023 11:43	60801 BUCK_T1	190	178	-12	0.93	0.77	-0.16	0	0	0	0	0	0	0	0
9/17/2023 11:45	12701 MACU_T1	0	0	0	0	0	0	0.11	0.12	0	0	0	0	0	0
9/17/2023 11:46	12701 MACU_T1	0	0	0	0	0	0	0.11	0.12	0	0	0	0	0	0
9/17/2023 11:48	47101 MARL_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9/17/2023 11:49	12701 MACU_T1	0	0	0	0	0	0	0.12	0.12	0	0	0	0	0	0
9/17/2023 11:50	66505 SMAN_T2	0	0	0	0	0	0	0.14	0.11	2	2	0	1500	1500	0
9/17/2023 11:50	65001 NEFF_T2	0	0	0	0	0	0	-1.2	-1.21	1	1	0	1200	1200	0
9/17/2023 11:51	20403 ASHF_T2	0	0	0	0	0	0	0.3	0.34	0	0	0	0	0	0
9/17/2023 11:52	66505 SMAN_T2	0	0	0	0	0	0	0.14	0.11	2	2	0	1500	1500	0
9/17/2023 11:52	56802 BENV_T2	1	1	0	0.6	0.6	0	-1.34	-1.31	0	0	0	0	0	0
9/17/2023 11:53	56802 BENV_T2	1	1	0	0.6	0.6	0	-1.34	-1.31	0	0	0	0	0	0
9/17/2023 11:53	60803 BUCK_T1	21	23	2	0.27	0.29	0.02	-0.83	-0.84	1	1	0	600	600	0
9/17/2023 11:53	43001 ALWD_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9/17/2023 11:53	56501 ROCK_T2	0	0	0	0	0	0	-0.4	-0.39	0	0	0	0	0	0
9/17/2023 11:54	60803 BUCK_T1	21	23	2	0.27	0.29	0.02	-0.83	-0.84	1	1	0	600	600	0
9/17/2023 11:54	20403 ASHF_T2	0	0	0	0	0	0	0.3	0.34	0	0	0	0	0	0
9/17/2023 11:54	60801 BUCK_T1	165	178	13	0.79	0.73	-0.06	-0.31	-0.33	0	0	0	0	0	0
9/17/2023 11:54	56803 BENV_T1	0	0	0	0	0	0	0.32	0.4	0	0	0	0	0	0
9/17/2023 11:56	56802 BENV_T2	1	1	0	0.6	0.6	0	-1.34	-1.31	0	0	0	0	0	0
9/17/2023 12:02	64301 LINC_T1	0	0	0	0	0	0	-0.41	0	1	1	0	600	600	0
9/17/2023 12:02	13704 SCHN_T2	0	0	0	0	0	0	-0.27	0	0	0	0	0	0	0
9/17/2023 12:03	47101 MARL_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9/17/2023 12:03	50506 MECH_T1	0	0	0	0	0	0	-0.18	0	0	0	0	0	0	0
9/17/2023 12:04	54701 NEBL_T1	0	0	0	0	0	0	0	0	1	1	0	600	600	0
9/17/2023 12:05	54701 NEBL_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9/17/2023 12:08	56802 BENV_T2	1	1	0	0.6	0.3	-0.3	-1.31	0	0	0	0	0	0	0
9/17/2023 12:08	43001 ALWD_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9/17/2023 12:10	20403 ASHF_T2	0	0	0	0	0	0	0.34	0	0	0	0	0	0	0
9/17/2023 12:11	56802 BENV_T2	1	1	0	0.6	0.3	-0.3	-1.31	0	0	0	0	0	0	0
9/17/2023 12:11	20403 ASHF_T2	0	0	0	0	0	0	0.34	0	0	0	0	0	0	0
9/17/2023 12:13	56802 BENV_T2	1	1	0	0.6	0.3	-0.3	-1.31	0	0	0	0	0	0	0
9/17/2023 12:22	66505 SMAN_T2	0	0	0	0	0	0	0	0	2	2	0	1500	1500	0
9/17/2023 12:23	43401 BENT_T1	0	1	1	0	0	0	0	0	0	0	0	0	0	0
9/17/2023 12:24	66505 SMAN_T2	0	0	0	0	0	0	0	0	2	2	0	1500	1500	0
9/17/2023 12:25	28604 BLYT_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9/17/2023 12:29	43402 BENT_T1	0	0	0	0	0	0	0	0	1	1	0	900	900	0
9/17/2023 12:29	45001 LIME_2	0	14	14	0	0.11	0.11	0	0	0	0	0	0	0	0
9/17/2023 12:33	45003 LIME_2	1	1	0	3.2	3.2	0	0	0	0	0	0	0	0	0
9/17/2023 12:42	11104 EGYP_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9/17/2023 12:42	46001 BERW_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9/17/2023 12:52	20403 ASHF_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9/17/2023 12:57	46204 DANV_T2	0	1	1	0	0	0	0	0	0	0	0	0	0	0
9/17/2023 13:01	42001 MNVL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9/17/2023 13:02	63203 MGTN_T1	0	0	0	0	0	0	0	0	1	1	0	600	600	0
9/17/2023 13:02	54701 NEBL_T1	0	0	0	0	0	0	0	0	1	1	0	600	600	0
9/17/2023 13:04	13704 SCHN_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9/17/2023 13:10	43402 BENT_T1	0	0	0	0	0	0	0	0	1	1	0	900	900	0
9/17/2023 13:11	62104 ELAN_T1	1	0	-1	1.6	0	-1.6	0	0	0	0	0	0	0	0
9/17/2023 13:21	20403 ASHF_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9/17/2023 13:24	20403 ASHF_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9/17/2023 13:25	60801 BUCK_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9/17/2023 13:29	43402 BENT_T1	0	0	0	0	0	0	0	0	1	1	0	900	900	0
9/17/2023 13:30	45003 LIME_2	1	1	0	3	2.9	-0.1	0	0	0	0	0	0	0	0
9/17/2023 13:32	45003 LIME_2	1	1	0	3	2.9	-0.1	0	0	0	0	0	0	0	0
9/17/2023 13:33	54701 NEBL_T1	0	0	0	0	0	0	0	0	1	1	0	600	600	0
9/17/2023 13:34	13704 SCHN_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9/17/2023 13:39	46203 DANV_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9/17/2023 13:40	60801 BUCK_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9/17/2023 13:51	13704 SCHN_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9/17/2023 13:53	56801 BENV_T1	12	13	1	1.32	1.08	-0.24	0	0	2	2	0	1200	1200	0
9/17/2023 13:54	56801 BENV_T1	12	13	1	1.32	1.08	-0.24	0	0	2	2	0	1200	1200	0
9/17/2023 13:54	43001 ALWD_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9/17/2023 13:55	56803 BENV_T1	1	1	0	1.4	1.2	-0.2	0	0	0	0	0	0	0	0
9/17/2023 13:56	11104 EGYP_T1	0	1	1	0	0	0	0	0	0	0	0	0	0	0
9/17/2023 13:57	56803 BENV_T1	1	1	0	1.4	1.2	-0.2	0	0	0	0	0	0	0	0
9/17/2023 13:58	56803 BENV_T1	1	1	0	1.4	1.2	-0.2	0	0	0	0	0	0	0	0
9/17/2023 14:08	29402 BELT_T1	68	6	-62	0.28	0.13	-0.15	0	0	0	0	0	0	0	0
9/17/2023 14:08	29402 BELT_T1	68	6	-62	0.28	0.13	-0.15	0	0	0	0	0	0	0	0
9/17/2023 14:08	26603 BROO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9/17/2023 14:09	43001 ALWD_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9/17/2023 14:09	56802 BENV_T2	1	1	0	0.1	0.2	0.1	0	0	0	0	0	0	0	0
9/17/2023 14:09	29402 BELT_T1	68	6	-62	0.28	0.13	-0.15	0	0	0	0	0	0	0	0
9/17/2023 14:11	56801 BENV_T1	12	12	0	1.13	0.9	-0.23	0	0	0	0	0	0	0	0
9/17/2023 14:11	29402 BELT_T1	68	6	-62	0.28	0.13	-0.15	0	0	0	0	0	0	0	0
9/17/2023 14:11	20403 ASHF_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9/17/2023 14:11	26603 BROO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9/17/2023 14:11	46203 DANV_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9/17/2023 14:12	45003 LIME_2	1	1	0	2.9	2.9	0	0	0	0	0	0	0	0	0
9/17/2023 14:12	29402 BELT_T1	68	6	-62	0.28	0.13	-0.15	0	0	0	0	0	0	0	0
9/17/2023 14:12	56802 BENV_T2	1	1	0	0.1	0.2	0.1	0	0	0	0	0	0	0	0
9/17/2023 14:12	20403 ASHF_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9/17/2023 14:14	47101 MARL_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9/17/2023 14:14	45003 LIME_2	1	1	0	2.9	2.9	0	0	0	0	0	0	0	0	0
9/17/2023 14:17	65603 QVIL_T2	97	153	56	0.28	0.23	-0.05	0	0	0	0	0	0	0	0
9/17/2023 14:17	64301 LINC_T1	0	0	0	0	0	0	0	0	1	1	0	600	600	0
9/17/2023 14:19	13704 SCHN_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9/17/2023 14:20	27502 WEIS_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9/17/2023 14:20	65603 QVIL_T2	97	153	56	0.28	0.23	-0.05	0	0	0	0	0	0	0	0
9/17/2023 14:20	56501 ROCK_T2	0	1	1	0	0	0	0	0	0	0	0	0	0	0
9/17/2023 14:21	56801 BENV_T1	12	13	1	0.88	0.98	0.1	0	0	0	0	0	0	0	0
9/17/2023 14:22	66505 SMAN_T2	0	0	0	0	0	0	0	0	1	1	0	900	900	0
9/17/2023 14:22	45902 AUBU_T1	344	265	-79	0.38	0.29	-0.09	0	0	1	1	0	600	600	0
9/17/2023 14:22	20403 ASHF_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9/17/2023 14:22	13704 SCHN_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9/17/2023 14:23	45901 AUBU_T1	40	20	-20	0.2	0.14	-0.06	0	0	0	0	0	0	0	0
9/17/2023 14:23	45901 AUBU_T1	40	20	-20	0.2	0.14	-0.06	0	0	0	0	0	0	0	0
9/17/2023 14:23	26603 BROO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9/17/2023 14:23	43402 BENT_T1	0	0	0	0	0	0	0	0	1	1	0	900	900	0
9/17/2023 14:24	60803 BUCK_T1	68	74	6	0.32	0.29	-0.03	0	0	0	0	0	0	0	0
9/17/2023 14:24	45901 AUBU_T1	40	20	-20	0.2	0.14	-0.06	0	0	0	0	0	0	0	0
9/17/2023 14:25	43001 ALWD_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9/17/2023 14:25	60801 BUCK_T1	210	188	-22	0.87	0.84	-0.03	0	0	0	0	0	0	0	0
9/17/2023 14:25	41602 CLEV_T1	0	1	1	0	0	0	0	0	1	1	0	600	600	0
9/17/2023 14:25	28604 BLYT_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9/17/2023 14:26	60801 BUCK_T1	210	188	-22	0.87	0.84	-0.03	0	0	0	0	0	0	0	0
9/17/2023 14:26	41602 CLEV_T1	0	1	1	0	0	0	0	0	1	1	0	600	600	0
9/17/2023 14:27	26603 BROO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9/17/2023 14:27	20403 ASHF_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9/17/2023 14:29	43401 BENT_T1	0	8	8	0	0.2	0.2	0	0	0	0	0	0	0	0
9/17/2023 14:29	12701 MACU_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9/17/2023 14:32	65601 QVIL_T2	6	105	99	0.27	0.19	-0.08	0	0	0	0	0	0	0	0
9/17/2023 14:32	64301 LINC_T1	0	0	0	0	0	0	0	0	1	1	0	600	600	0
9/17/2023 14:32	44601 SALE_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9/17/2023 14:32	65001 NEFF_T2	0	0	0	0	0	0	0	0	1	1	0	1200	1200	0
9/17/2023 14:33	12701 MACU_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9/17/2023 14:34	12701 MACU_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9/17/2023 14:35	65604 QVIL_T2	2	2	0	0.25	0.5	0.25	0	0	0	0	0	0	0	0
9/17/2023 14:36	47101 MARL_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9/17/2023 14:36	43301 WATS_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9/17/2023 14:36	56501 ROCK_T2	0	1	1	0	0	0	0	0	0	0	0	0	0	0
9/17/2023 14:36	56801 BENV_T1	10	15	5	0.95	0.99	0.04	0	0	1	1	0	600	600	0
9/17/2023 14:37	67401 WAKE_T2	0	8	8	0	0.1	0.1	0	0	0	0	0	0	0	0
9/17/2023 14:37	20403 ASHF_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9/17/2023 14:37	26603 BROO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9/17/2023 14:38	45902 AUBU_T1	246	228	-18	0.29	0.25	-0.04	0	0	1	1	0	600	600	0
9/17/2023 14:39	56801 BENV_T1	10	15	5	0.95	0.99	0.04	0	0	2	2	0	1200	1200	0
9/17/2023 14:39	60803 BUCK_T1	63	87	24	0.3	0.35	0.05	0	0	1	1	0	600	600	0
9/17/2023 14:39	60803 BUCK_T1	63	87	24	0.3	0.35	0.05	0	0	1	1	0	600	600	0
9/17/2023 14:39	26603 BROO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9/17/2023 14:39	45901 AUBU_T1	20	5	-15	0.14	0.13	-0.01	0	0	0	0	0	0	0	0
9/17/2023 14:39	66505 SMAN_T2	0	0	0	0	0	0	0	0	1	1	0	900	900	0
9/17/2023 14:40	45902 AUBU_T1	246	228	-18	0.29	0.25	-0.04	0	0	0	0	0	0	0	0
9/17/2023 14:40	56801 BENV_T1	10	15	5	0.95	0.99	0.04	0	0	2	2	0	1200	1200	0
9/17/2023 14:40	28604 BLYT_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9/17/2023 14:41	56803 BENV_T1	1	0	-1	1	0	-1	0	0	0	0	0	0	0	0
9/17/2023 14:41	41602 CLEV_T1	0	1	1	0	0.4	0.4	0	0	2	2	0	1200	1200	0
9/17/2023 14:41	60801 BUCK_T1	182	223	41	0.79	0.86	0.07	0	0	0	0	0	0	0	0
9/17/2023 14:41	20403 ASHF_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9/17/2023 14:42	56801 BENV_T1	10	15	5	0.95	0.99	0.04	0	0	0	0	0	0	0	0
9/17/2023 14:42	46203 DANV_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9/17/2023 14:42	45901 AUBU_T1	20	5	-15	0.14	0.13	-0.01	0	0	0	0	0	0	0	0
9/17/2023 14:43	56803 BENV_T1	1	0	-1	1	0	-1	0	0	0	0	0	0	0	0
9/17/2023 14:44	45003 LIME_2	1	1	0	2.6	3.4	0.8	0	0	0	0	0	0	0	0
9/17/2023 14:44	12701 MACU_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9/17/2023 14:45	45003 LIME_2	1	1	0	3.1	3.5	0.4	0	0	0	0	0	0	0	0
9/17/2023 14:45	12701 MACU_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9/17/2023 14:46	47101 MARL_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9/17/2023 14:48	65001 NEFF_T2	0	0	0	0	0	0	0	0	1	1	0	1200	1200	0
9/17/2023 14:48	44601 SALE_T2	0	1	1	0	0.3	0.3	0	0	0	0	0	0	0	0
9/17/2023 14:48	65604 QVIL_T2	2	2	0	0.35	0.5	0.15	0	0	0	0	0	0	0	0
9/17/2023 14:49	12701 MACU_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9/17/2023 14:52	67503 WEWI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9/17/2023 14:53	67401 WAKE_T2	0	8	8	0	0.1	0.1	0

9/17/2023 20:06	52403 GRPA_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9/17/2023 20:07	27502 WEIS_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9/17/2023 20:08	29402 BELT_T1	121	175	54	0.56	0.55	-0.01	0	0	0	0	0	0	0	0
9/17/2023 20:08	29401 BELT_T1	33	21	-12	0.15	0.14	-0.01	0	0	0	33	0	0	0	0
9/17/2023 20:11	13503 MCMI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9/17/2023 20:11	44901 SCOT_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9/17/2023 20:20	16402 MOPO_T1	0	0	0	0	0	0	0	0	1	0	-1	1200	0	-1200
9/17/2023 20:20	41602 CLEV_T1	0	0	0	0	0	0	0	0	1	1	0	600	600	0
9/17/2023 20:20	56802 BENV_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9/17/2023 20:21	29402 BELT_T1	153	166	13	0.56	0.56	0	0	0	0	0	0	0	0	0
9/17/2023 20:22	45902 AUBU_T1	0	9	9	0	0.13	0.13	0	0	0	0	0	0	0	0
9/17/2023 20:22	15603 NSTR_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9/17/2023 20:22	47101 MARL_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9/17/2023 20:23	63203 MGTN_T1	0	0	0	0	0	0	0	0	1	1	0	600	600	0
9/17/2023 20:24	17805 GILB_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9/17/2023 20:24	49803 UNIV_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9/17/2023 20:25	42002 MNVL_T2	1	1	0	2.4	2.4	0	0	0	0	0	0	0	0	0
9/17/2023 20:25	28403 HART_T2	0	0	0	1	0	0	0	0	1	1	0	900	900	0
9/17/2023 20:26	20403 ASHF_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9/17/2023 20:27	29401 BELT_T1	12	20	8	0.12	0.14	0.02	0	0	0	0	0	0	0	0
9/17/2023 20:29	67502 WEWI_T2	0	3	3	0	0.13	0.13	0	0	0	0	0	0	0	0
9/17/2023 20:29	45902 AUBU_T1	0	9	9	0	0.13	0.13	0	0	0	0	0	0	0	0
9/17/2023 20:34	59101 WALK_T2	1	1	0	0	0	0	0	0	0	0	0	0	0	0
9/17/2023 20:35	15001 BLMO_T1	1	1	0	0.4	0.2	-0.2	0	0	0	0	0	0	0	0
9/17/2023 20:36	56802 BENV_T2	0	1	1	0	0.5	0.5	0	0	0	0	0	0	0	0
9/17/2023 20:37	67502 WEWI_T2	0	3	3	0	0.13	0.13	0	0	1	1	0	900	900	0
9/17/2023 20:37	65901 SAKR_T2	0	0	0	0	0	0	0	0	1	1	0	900	900	0
9/17/2023 20:39	60803 BUCK_T1	72	81	9	0.29	0.34	0.05	0	0	0	0	0	0	0	0
9/17/2023 20:39	56801 BENV_T1	19	21	2	0.72	1.56	0.84	0	0	1	1	0	600	600	0
9/17/2023 20:40	61304 EARL_T1	0	2	2	0	0.1	0.1	0	0	0	0	0	0	0	0
9/17/2023 20:40	56803 BENV_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9/17/2023 20:41	44601 SALE_T2	1	1	0	0.3	0.5	0.2	0	0	0	0	0	0	0	0
9/17/2023 20:41	40101 HUNT_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9/17/2023 20:42	56801 BENV_T1	19	21	2	0.72	1.56	0.84	0	0	1	1	0	600	600	0
9/17/2023 20:43	56801 BENV_T1	19	21	2	0.72	1.56	0.84	0	0	2	2	0	1200	1200	0
9/17/2023 20:43	43301 WATS_T2	0	1	1	0	0.1	0.1	0	0	0	0	0	0	0	0
9/17/2023 20:43	64801 MONE_T2	0	1	1	0	0.5	0.5	0	0	0	0	0	0	0	0
9/17/2023 20:44	43202 MVIL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9/17/2023 20:44	44201 POIN_T1	0	0	0	0	0	0	0	0	1	1	0	900	900	0
9/17/2023 20:44	15001 BLMO_T1	1	1	0	0.4	0.2	-0.2	0	0	0	0	0	0	0	0
9/17/2023 20:44	12701 MACU_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9/17/2023 20:45	26603 BROO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9/17/2023 20:45	17805 GILB_T2	0	1	1	0	0	0	0	0	0	0	0	0	0	0
9/17/2023 20:45	67401 WAKE_T2	0	2	2	0	0.1	0.1	0	0	0	0	0	0	0	0
9/17/2023 20:46	45902 AUBU_T1	9	0	-9	0.13	0	-0.13	0	0	0	0	0	0	0	0
9/17/2023 20:47	67502 WEWI_T2	3	36	33	0.13	0.14	0.01	0	0	1	1	0	900	900	0
9/17/2023 20:47	12701 MACU_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9/17/2023 20:47	13704 SCHN_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9/17/2023 20:48	45003 LIME_2	1	2	1	4.7	2.35	-2.35	0	0	1	1	0	1200	1200	0
9/17/2023 20:48	58001 WCAR_T1	4	4	0	1.48	1.73	0.25	0	0	0	0	0	0	0	0
9/17/2023 20:48	56802 BENV_T2	0	1	1	0	0.6	0.6	0	0	0	0	0	0	0	0
9/17/2023 20:49	44302 BEAV_T2	121	71	-50	0.31	0.23	-0.08	0	0	0	0	0	0	0	0
9/17/2023 20:49	45902 AUBU_T1	9	0	-9	0.13	0	-0.13	0	0	0	0	0	0	0	0
9/17/2023 20:49	43202 MVIL_T2	0	3	3	0	0.13	0.13	0	0	0	0	0	0	0	0
9/17/2023 20:49	42701 AUGU_T1	1	1	0	0.6	0.7	0.1	0	0	2	2	0	1800	1800	0
9/17/2023 20:50	44201 POIN_T1	0	0	0	0	0	0	0	0	1	1	0	900	900	0
9/17/2023 20:50	60803 BUCK_T1	68	143	75	0.32	0.36	0.04	0	0	1	1	0	600	600	0
9/17/2023 20:50	67503 WEWI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9/17/2023 20:50	28604 BLYT_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9/17/2023 20:51	43301 WATS_T2	0	1	1	0	0.5	0.5	0	0	0	0	0	0	0	0
9/17/2023 20:51	65003 NEFF_T2	0	1	1	0	0.1	0.1	0	0	0	0	0	0	0	0
9/17/2023 20:51	66505 SMAN_T2	0	0	0	0	0	0	0	0	1	1	0	900	900	0
9/17/2023 20:52	23401 HONE_T2	1	1	0	0.7	1.1	0.4	0	0	0	0	0	0	0	0
9/17/2023 20:52	56501 ROCK_T2	0	4	4	0	0.1	0.1	0	0	0	0	0	0	0	0
9/17/2023 20:53	41901 REED_T1	0	0	0	0	0	0	0	0	1	1	0	900	900	0
9/17/2023 20:53	42701 AUGU_T1	1	1	0	0.6	0.7	0.1	0	0	2	2	0	1800	1800	0
9/17/2023 20:53	43001 ALWD_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9/17/2023 20:53	49803 UNIV_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9/17/2023 20:54	58402 MORO_T1	0	0	0	0	0	0	0	0	1	1	0	600	600	0
9/17/2023 20:54	41602 CLEV_T1	0	0	0	0	0	0	0	0	1	1	0	600	600	0
9/17/2023 20:55	59101 WALK_T2	1	1	0	0	0	0	0	0	0	0	0	0	0	0
9/17/2023 20:55	56801 BENV_T1	19	21	2	1.26	1.56	0.3	0	0	2	2	0	1200	1200	0
9/17/2023 20:55	45402 WBLO_T2	1	1	0	0.4	0.7	0.3	0	0	0	0	0	0	0	0
9/17/2023 20:56	46203 DANV_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9/17/2023 20:56	42901 MIDD_T2	145	163	18	0.26	0.3	0.04	0	0	0	0	0	0	0	0
9/17/2023 20:56	40101 HUNT_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9/17/2023 20:56	44201 POIN_T1	0	0	0	0	0	0	0	0	1	1	0	900	900	0
9/17/2023 20:57	56801 BENV_T1	19	21	2	1.26	1.56	0.3	0	0	1	1	0	600	600	0
9/17/2023 20:58	56801 BENV_T1	19	21	2	1.26	1.56	0.3	0	0	1	1	0	600	600	0
9/17/2023 20:58	28403 HART_T2	0	0	0	0	0	0	0	0	1	1	0	900	900	0
9/17/2023 21:00	54701 NEBL_T1	0	0	0	0	0	0	0	0	1	1	0	600	600	0
9/17/2023 21:00	56801 BENV_T1	21	21	0	1.56	1.75	0.19	0	0	1	1	0	600	600	0
9/17/2023 21:00	66703 STRA_T1	1	5	4	0.1	0.2	0.1	0	0	0	0	0	0	0	0
9/17/2023 21:02	26603 BROO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9/17/2023 21:03	52402 GRPA_T2	1	1	0	3.5	4	0.5	0	0	0	0	0	0	0	0
9/17/2023 21:04	64101 REFR_T1	3	3	0	7.13	7.53	0.4	0	0	0	0	0	0	0	0
9/17/2023 21:05	52403 GRPA_T2	1	1	1	0	0	0	0	0	0	0	0	0	0	0
9/17/2023 21:05	64101 REFR_T1	3	3	0	7.13	7.53	0.4	0	0	0	0	0	0	0	0
9/17/2023 21:08	45001 LIME_2	7	267	260	0.13	1.64	1.51	0	0	0	0	0	0	0	0
9/17/2023 21:08	61801 EELI_T2	2	2	0	0.6	0.75	0.15	0	0	1	1	0	600	600	0
9/17/2023 21:09	52402 GRPA_T2	1	1	0	3.5	4	0.5	0	0	0	0	0	0	0	0
9/17/2023 21:10	45001 LIME_2	7	267	260	0.13	1.64	1.51	0	0	0	0	0	0	0	0
9/17/2023 21:11	43402 BENT_T1	0	0	0	0	0	0	0	0	1	1	0	900	900	0
9/17/2023 21:29	43402 BENT_T1	0	0	0	0	0	0	0	0	1	1	0	900	900	0
9/17/2023 21:49	61304 EARL_T1	0	22	22	0	0.13	0.13	0	0	0	0	0	0	0	0
9/17/2023 22:11	43402 BENT_T1	0	3	3	0	0.23	0.23	-0.95	-0.95	1	1	0	900	900	0
9/17/2023 22:29	43402 BENT_T1	1	3	2	0.1	0.23	0.13	-0.95	-0.96	1	1	0	900	900	0
9/17/2023 23:11	43402 BENT_T1	3	6	3	0.43	0.37	-0.06	-0.94	-0.96	1	1	0	900	900	0
9/17/2023 23:29	43402 BENT_T1	4	7	3	0.4	0.33	-0.07	-0.96	-0.95	1	1	0	900	900	0
9/18/2023 0:11	43402 BENT_T1	4	0	-4	0.45	0	-0.45	-0.97	-0.96	1	1	0	900	900	0
9/18/2023 0:28	16402 MOPO_T1	0	0	0	0	0	0	0.62	0.6	0	0	0	0	0	0
9/18/2023 0:28	65604 CIVIL_T2	3	4	1	0.17	0.3	0.13	0.42	0.48	0	0	0	0	0	0
9/18/2023 0:28	52401 GRPA_T2	1	0	-1	0.4	0	-0.4	0	0	0	0	0	0	0	0
9/18/2023 0:28	64101 REFR_T1	3	3	0	9.03	9.57	0.54	0.06	0.05	0	0	0	0	0	0
9/18/2023 0:28	10801 CHHI_T1	0	0	0	0	0	0	-0.84	-0.83	1	1	0	900	900	0
9/18/2023 0:28	13704 SCHN_T2	0	0	0	0	0	0	-0.42	-0.41	0	0	0	0	0	0
9/18/2023 0:28	61303 EARL_T1	0	0	0	0	0	0	-0.08	-0.08	0	0	0	0	0	0
9/18/2023 0:28	46801 HEPB_T2	2	2	0	0.35	0.5	0.15	0.49	0.54	0	0	0	0	0	0
9/18/2023 0:28	15001 BLMO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9/18/2023 0:28	64301 LINC_T1	0	0	0	0	0	0	0.09	-0.01	0	0	0	0	0	0
9/18/2023 0:28	60801 BUCK_T1	233	345	112	1.24	1.19	-0.05	0	0	0	0	0	0	0	0
9/18/2023 0:28	17805 GILB_T2	0	0	0	0	0	0	0.01	0.03	0	0	0	0	0	0
9/18/2023 0:28	44201 POIN_T1	0	0	0	0	0	0	-1.74	-1.74	1	1	0	900	900	0
9/18/2023 0:28	56803 BENV_T1	0	0	0	0	0	0	0.11	0.09	0	0	0	0	0	0
9/18/2023 0:28	66505 SMAN_T2	3	3	0	0.33	0.5	0.17	-0.11	-0.07	1	1	0	900	900	0
9/18/2023 0:28	59101 WALK_T2	1	1	0	0	0	0	0.9	1.06	0	0	0	0	0	0
9/18/2023 0:28	42201 SHEN_T2	0	0	0	0	0	0	-0.02	-0.02	1	1	0	600	600	0
9/18/2023 0:28	46801 HEPB_T2	2	2	0	0.35	0.5	0.15	0.49	0.54	0	0	0	0	0	0
9/18/2023 0:28	12701 MACU_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9/18/2023 0:28	67502 WEWI_T2	0	0	0	0	0	0	-1.59	-1.61	1	1	0	900	900	0
9/18/2023 0:28	45901 AUBU_T1	0	0	0	0	0	0	1.08	1.16	0	0	0	0	0	0
9/18/2023 0:29	43402 BENT_T1	0	0	0	0	0	0	-0.96	-0.96	1	1	0	900	900	0
9/18/2023 0:51	43402 BENT_T1	0	0	0	0	0	0	-0.96	-0.97	1	1	0	900	900	0
9/18/2023 7:18	54701 NEBL_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9/18/2023 7:55	43001 ALWD_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9/18/2023 8:18	54701 NEBL_T1	0	0	0	0	0	0	0	0	1	1	0	600	600	0
9/18/2023 8:23	59101 WALK_T2	1	1	0	0	0	0	1.72	1.72	1	1	0	600	600	0
9/18/2023 8:32	45802 HEGI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9/18/2023 8:40	53601 DALM_T2	1	1	0	0.9	1.4	0.5	-0.24	-0.31	1	1	0	900	900	0
9/18/2023 8:45	40101 HUNT_T2	0	0	0	0	0	0	-0.54	-0.5	0	0	0	0	0	0
9/18/2023 8:52	43001 ALWD_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9/18/2023 9:10	26603 BROO_T1	0	0	0	0	0	0	0.22	0.21	0	0	0	0	0	0
9/18/2023 9:16	26603 BROO_T1	0	0	0	0	0	0	0.21	0.21	0	0	0	0	0	0
9/18/2023 9:20	65902 SAKR_T2	0	0	0	0	0	0	0.05	0.03	1	1	0	300	300	0
9/18/2023 9:23	49803 UNIV_T1	0	0	0	0	0	0	0.24	-1.07	0	0	0	0	0	0
9/18/2023 9:24	60803 BUCK_T1	66	22	-44	0.23	0.21	-0.02	0	0	0	0	0	0	0	0
9/18/2023 9:24	43001 ALWD_T1	0	3	3	0	0.2	0.2	0	0	0	0	0	0	0	0
9/18/2023 9:29	13503 MCMI_T2	0	0	0	0	0	0	-0.01	-0.01	0	0	0	0	0	0
9/18/2023 9:31	43202 MVIL_T2	0	0	0	0	0	0	-0.58	-0.58	0	0	0	0	0	0
9/18/2023 9:31	45802 HEGI_T2	0	0	0	0	0	0	0.56	0.33	0	0	0	0	0	0
9/18/2023 9:34	15603 NSTR_T2	0	0	0	0	0	0	-0.61	-0.61	0	0	0	0	0	0
9/18/2023 9:35	43202 MVIL_T2	0	0	0	0	0	0	-0.58	-0.58	0	0	0	0	0	0
9/18/2023 9:37	45902 AUBU_T1	0	0	0	0	0	0	-0.42	-0.4	1	1	0	600	600	0
9/18/2023 9:38	49804 UNIV_T1	1	1	0	0.2	0.5	0.3	0	0	0	0	0	0	0	0
9/18/2023 9:38	29402 BELT_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9/18/2023 9:47	41901 REED_T1	10	11	1	0.38	0.37	-0.01	-1.64	-1.71	1	1	0	900	900	0
9/18/2023 9:52	10801 CHHI_T1	0	0	0	0	0	0	-0.58	-0.58	1	1	0	900	900	0
9/18/2023 9:56	64101 REFR_T1	3	3	0	6.83	6.43	-0.4	-0.1	-0.09	0	0	0	0	0	0
9/18/2023 9:56	47101 MARL_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9/18/2023 9:58	52402 GRPA_T2	3	9	6	1.53	0.83	-0.7	0	0	0	0	0	0	0	0
9/18/2023 9:58	20403 ASHF_T2	0	0	0	0	0	0	0.68	0.63	0	0	0	0	0	0
9/18/2023 9:58	23401 HONE_T2	0	0	0	0	0	0	-0.19	-0.24	0	0	0	0	0	0
9/18/2023 9:59	52403 GRPA_T2	0	7	7	0	0.65	0.65	0.2	0.17	0	0	0	0	0	0
9/18/2023 9:59	20403 ASHF_T2	0	0	0	0	0	0	0.68	0.63	0	0	0	0	0	0
9/18/2023 10:00	42002 MNVL_T2	1	1	0	2.8	2.7	-0.1	0	0	0	0	0	0	0	0
9/18/2023 10:00	12604 MACA_T1	0	0	0	0	0	0	0.38	0.39	0	0	0	0	0	0
9/18/2023 10:00	41901 REED_T1	11	11	0	0.35	0.34	-0.01	-1.71	-1.64	1	1	0	900	900	0
9/18/2023 10:00	67605 WARW_T1	0	1	1	0	0	0	0	0	0	0	0	0	0	0
9/18/2023 10:00	54701 NEBL_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9/18/2023 10:00	52402 GRPA_T2	6	11	5	0.98	0.83	-0.15	0	0	0	0	0	0	0	0
9/18/2023 10:00	60801 BUCK_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9/18/2023 10:00	10602 BLGI_T2	1	1	0	9.4	9.8	0.4	1.47	1.42	0	0	0	0	0	0
9/18/2023 10:00	52503 PROG_T2	0	0	0	0	0	0	-0.66	-0.67	1	1	0	900	900	0
9/18/2023 10:00	56601 HAMP_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9/18/2023 10:00	45802 HEGI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9/18/2023 10:00	65902 SAKR_T2	0	0	0	0	0	0	0.05	0.07	1	1	0	300	300	0
9/18/2023 10:00	13704 SCHN_T2	6	4	-2	0.2	0.15	-0.05	0.05	0.03	0	0	0	0	0	0
9/18/2023 10:00	64801 MONE_T2	1	2	1	0.6	0.5	-0.1	0.33	0.31	0	0	0	0	0	0
9/18/2023 10:00	20401 ASHF_T2	0	0	0	0	0	0	-0.19	-0.12	1	1	0	600	600	0
9/18/2023 10:04	59301 MCAL_T1	2	5	3	0.6	0.52	-0.08	-1.37	-1.39	1	1	0	600	600	0
9/18/2023 10:05	59101 WALK_T2	1	1	0	0	0	0	2.55	2.14	0	0	0	0	0	0
9/18/2023 10:06	60803 BUCK_T1	10	46	36	0.25	0.28	0.03	0	0	0	0	0	0	0	0
9/18/2023 10:07	43304 WATS_T2	0	0	0	0	0	0	-0.47	-0.46	0	0	0	0	0	0
9/18/2023 10:07	26603 BROO_T1	0	0	0	0	0	0	0.22	0.25	0	0	0	0	0	0
9/18/2023 10:07	13704 SCHN_T2	6	4	-2	0.2	0.15	-0.05	0.05	0.03	0	0	0	0	0	0
9/18/2023 10:07	45901 AUBU_T1	0	0	0	0	0	0	1.83	1.69	0	0	0	0	0	0
9/18/2023 10:08	20403 ASHF_T2	0	0	0	0	0	0	0.68	0.63	0	0	0	0	0	0
9/18/2023 10:08	59101 WALK_T2	1	1	0	0	0	0	2.55	2.14	0	0	0	0	0	0
9/18/2023 10:08	10801 CHHI_T1	0	0	0	0	0	0	-0.58	-0.66	1	1	0	900	900	0
9/18/2023 10:08	67503 WEWI_T2	0	0	0	0	0	0	-0.33	-0.32	0	0	0	0	0	0
9/18/2023 10:08	29401 BELT_T1	94	100	6	0.28	0.29	0.01	0	0	0	0	0	0	0	0
9/18/2023 10:08	43001 ALWD_T1	1	3	2	0.2	0.33	0.13	0	0	0	0	0

Appendix C - Grid Benefits Achieved in Each Instance of Active Management

9/18/2023 10:24	15001 BLMO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9/18/2023 10:25	67502 WEWI_T2	0	0	0	0	0	0	-0.16	-0.22	0	0	0	0	0	0
9/18/2023 10:26	67502 WEWI_T2	0	0	0	0	0	0	-0.22	-0.19	0	0	0	0	0	0
9/18/2023 10:28	61803 EEU_T2	0	1	1	0	0.5	0.5	0	0	0	0	0	0	0	0
9/18/2023 10:28	17805 GILB_T2	0	0	0	0	0	0	0.4	0.42	0	0	0	0	0	0
9/18/2023 10:29	12701 MACU_T1	0	0	0	0	0	0	0.17	0.15	0	0	0	0	0	0
9/18/2023 10:29	15603 NSTR_T2	0	0	0	0	0	0	-0.61	-0.61	0	0	0	0	0	0
9/18/2023 10:29	43402 BENT_T1	0	3	3	0	0.8	0.8	-0.71	-0.77	1	1	0	900	900	0
9/18/2023 10:29	40101 HUNT_T2	0	0	0	0	0	0	-0.33	-0.35	0	0	0	0	0	0
9/18/2023 10:30	17805 GILB_T2	0	0	0	0	0	0	0.4	0.42	0	0	0	0	0	0
9/18/2023 10:32	64101 REFR_T1	3	3	0	6.63	6.57	-0.06	-0.09	-0.09	0	0	0	0	0	0
9/18/2023 10:33	44202 POIN_T2	0	0	0	0	0	0	-0.38	-0.41	1	1	0	1200	1200	0
9/18/2023 10:34	65604 QVIL_T2	2	3	1	0.2	0.17	-0.03	0.68	0.69	0	0	0	0	0	0
9/18/2023 10:34	44203 POIN_T2	0	0	0	0	0	0	-0.15	-0.13	4	4	0	4200	4200	0
9/18/2023 10:34	64101 REFR_T1	3	3	0	6.63	6.57	-0.06	-0.19	-0.18	0	0	0	0	0	0
9/18/2023 10:35	44202 POIN_T2	0	0	0	0	0	0	-0.38	-0.41	1	1	0	1200	1200	0
9/18/2023 10:35	44203 POIN_T2	0	0	0	0	0	0	-0.07	-0.06	2	2	0	2100	2100	0
9/18/2023 10:36	44202 POIN_T2	0	0	0	0	0	0	-0.38	-0.41	1	1	0	1200	1200	0
9/18/2023 10:37	65603 QVIL_T2	1	1	0	0.2	0.1	-0.1	0	0	0	0	0	0	0	0
9/18/2023 10:38	16302 ALPA_T2	0	0	0	0	0	0	0.73	0.71	0	0	0	0	0	0
9/18/2023 10:39	66703 STRA_T1	0	0	0	0	0	0	0	0.02	0	0	0	0	0	0
9/18/2023 10:39	59101 WALK_T2	1	1	0	0	0	0	2.38	2.25	0	0	0	0	0	0
9/18/2023 10:40	16302 ALPA_T2	0	0	0	0	0	0	0.73	0.71	0	0	0	0	0	0
9/18/2023 10:40	67503 WEWI_T2	0	0	0	0	0	0	-0.32	-0.32	0	0	0	0	0	0
9/18/2023 10:45	42902 MIDD_T2	0	2	2	0	0.25	0.25	-0.33	-0.32	1	1	0	600	600	0
9/18/2023 10:45	52004 LING_T2	0	1	1	0	0.8	0.8	0.38	0.41	0	0	0	0	0	0
9/18/2023 10:46	46801 HEPB_T2	2	2	0	0.75	0.7	-0.05	0.69	0.71	0	0	0	0	0	0
9/18/2023 10:48	44203 POIN_T2	0	0	0	0	0	0	-0.06	-0.21	2	2	0	2100	2100	0
9/18/2023 10:49	64802 MONE_T2	0	0	0	0	0	0	0.33	0.36	0	0	0	0	0	0
9/18/2023 10:50	44203 POIN_T2	0	0	0	0	0	0	-0.13	-0.42	4	4	0	4200	4200	0
9/18/2023 10:50	67204 TEHI_T2	0	0	0	0	0	0	-0.02	0	0	0	0	0	0	0
9/18/2023 10:50	44202 POIN_T2	0	0	0	0	0	0	-0.41	-0.41	1	1	0	1200	1200	0
9/18/2023 10:51	58402 MORO_T1	0	0	0	0	0	0	-0.88	-0.86	2	2	0	1500	1500	0
9/18/2023 10:51	67204 TEHI_T2	0	0	0	0	0	0	-0.02	0	0	0	0	0	0	0
9/18/2023 10:53	49803 UNIV_T1	0	3	3	0	0.77	0.77	-1.09	-1.04	0	0	0	0	0	0
9/18/2023 10:53	60803 BUCK_T1	43	44	1	0.29	0.28	-0.01	-0.87	-0.82	1	1	0	600	600	0
9/18/2023 10:53	42201 SHEN_T2	0	0	0	0	0	0	-0.17	-0.16	1	1	0	600	600	0
9/18/2023 10:55	56802 BENV_T2	3	47	44	0.57	0.17	-0.4	-0.64	-0.59	0	0	0	0	0	0
9/18/2023 10:55	58402 MORO_T1	0	0	0	0	0	0	-1.76	-1.72	4	4	0	3000	3000	0
9/18/2023 10:56	15001 BLMO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9/18/2023 10:57	53501 EVIL_T2	0	2	2	0	0.5	0.5	-0.73	-0.76	3	3	0	1800	1800	0
9/18/2023 10:57	56802 BENV_T2	3	47	44	0.57	0.17	-0.4	-0.59	-0.62	0	0	0	0	0	0
9/18/2023 10:58	56802 BENV_T2	3	47	44	0.57	0.17	-0.4	-0.59	-0.62	0	0	0	0	0	0
9/18/2023 11:02	45802 HEGI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9/18/2023 11:06	59101 WALK_T2	1	1	0	0	0	0	2.29	2.19	0	0	0	0	0	0
9/18/2023 11:06	13701 SCHN_T2	0	1	1	0	0.1	0.1	0	0	0	0	0	0	0	0
9/18/2023 11:06	52403 GRPA_T2	5	20	15	0.58	0.61	0.03	0.14	0.14	0	0	0	0	0	0
9/18/2023 11:06	59402 RFLD_T2	0	2	2	0	0.1	0.1	-1.13	-1.09	1	1	0	450	450	0
9/18/2023 11:06	28403 HART_T2	0	0	0	0	0	0	-0.65	-0.64	1	1	0	900	900	0
9/18/2023 11:07	58402 MORO_T1	0	0	0	0	0	0	-0.86	-0.83	2	2	0	1500	1500	0
9/18/2023 11:07	52403 GRPA_T2	5	20	15	0.58	0.61	0.03	0.14	0.14	0	0	0	0	0	0
9/18/2023 11:07	43202 MVIL_T2	1	1	0	0.6	0.3	-0.3	-0.57	-0.57	0	0	0	0	0	0
9/18/2023 11:07	59402 RFLD_T2	0	2	2	0	0.1	0.1	-2.27	-2.18	2	2	0	900	900	0
9/18/2023 11:08	49803 UNIV_T1	0	3	3	0	0.77	0.77	-1.04	-0.98	0	0	0	0	0	0
9/18/2023 11:08	56803 BENV_T1	3	5	2	0.4	0.24	-0.16	0	0	0	0	0	0	0	0
9/18/2023 11:08	47802 MOCA_T2	0	0	0	0	0	0	-0.88	-0.89	0	0	0	0	0	0
9/18/2023 11:08	56802 BENV_T2	3	68	65	0.6	0.19	-0.41	-1.19	-1.24	0	0	0	0	0	0
9/18/2023 11:08	43202 MVIL_T2	1	1	0	0.6	0.3	-0.3	-0.57	-0.57	0	0	0	0	0	0
9/18/2023 11:09	57301 MOAL_T2	3	3	0	0.13	0.13	0	0	0	0	0	0	0	0	0
9/18/2023 11:09	56802 BENV_T2	3	68	65	0.6	0.19	-0.41	-1.78	-1.86	0	0	0	0	0	0
9/18/2023 11:10	56802 BENV_T2	3	68	65	0.6	0.19	-0.41	-0.59	-0.62	0	0	0	0	0	0
9/18/2023 11:11	42902 MIDD_T2	2	0	-2	0.25	0	-0.25	-0.22	-0.3	1	1	0	600	600	0
9/18/2023 11:11	52403 GRPA_T2	5	20	15	0.58	0.61	0.03	0	0	0	0	0	0	0	0
9/18/2023 11:11	66703 STRA_T1	0	0	0	0	0	0	-0.06	0	0	0	0	0	0	0
9/18/2023 11:11	56803 BENV_T1	3	5	2	0.4	0.24	-0.16	0	0	0	0	0	0	0	0
9/18/2023 11:12	64801 MONE_T2	1	1	0	0.6	0.9	0.3	0.32	0.31	0	0	0	0	0	0
9/18/2023 11:12	56801 BENV_T1	52	53	1	1.07	1.26	0.19	-0.74	-0.73	1	1	0	600	600	0
9/18/2023 11:12	53601 DALM_T2	1	1	0	0.8	1.4	0.6	-0.48	-0.26	1	1	0	900	900	0
9/18/2023 11:12	56802 BENV_T2	3	68	65	0.6	0.19	-0.41	-0.62	-0.58	0	0	0	0	0	0
9/18/2023 11:12	41801 GOCI_T2	1	23	22	0.1	0.19	0.09	0	0	0	0	0	0	0	0
9/18/2023 11:12	64101 REFR_T1	3	3	0	6.57	6.73	0.16	-0.08	-0.06	0	0	0	0	0	0
9/18/2023 11:15	53501 EVIL_T2	2	3	1	0.5	0.5	0	-0.76	-0.8	3	3	0	1800	1800	0
9/18/2023 11:17	64101 REFR_T1	3	3	0	6.67	6.73	0.06	-0.08	-0.06	0	0	0	0	0	0
9/18/2023 11:18	60504 NMAN_T2	0	2	2	0	0.65	0.65	0	0	0	0	0	0	0	0
9/18/2023 11:18	54001 SDLE_T1	7	9	2	0.91	0.91	0	0	0	0	0	0	0	0	0
9/18/2023 11:21	14802 TREI_T2	5	4	-1	0.16	0.2	0.04	0	0	0	0	0	0	0	0
9/18/2023 11:21	46001 BERW_T1	0	0	0	0	0	0	1.02	0.99	0	0	0	0	0	0
9/18/2023 11:21	65001 NEFF_T2	0	0	0	0	0	0	-0.12	0.01	1	1	0	1200	1200	0
9/18/2023 11:23	67204 TEHI_T2	0	0	0	0	0	0	-0.02	0	0	0	0	0	0	0
9/18/2023 11:23	14802 TREI_T2	5	4	-1	0.16	0.2	0.04	0	0	0	0	0	0	0	0
9/18/2023 11:23	56803 BENV_T1	2	5	3	0.2	0.28	0.08	0	0	0	0	0	0	0	0
9/18/2023 11:23	56802 BENV_T2	47	60	13	0.17	0.19	0.02	-0.62	-0.58	0	0	0	0	0	0
9/18/2023 11:23	15001 BLMO_T1	0	2	2	0	0.25	0.25	0	0	0	0	0	0	0	0
9/18/2023 11:24	15001 BLMO_T1	0	2	2	0	0.25	0.25	0	0	0	0	0	0	0	0
9/18/2023 11:24	56801 BENV_T1	52	51	-1	1.21	1.15	-0.06	-0.74	-0.73	1	1	0	600	600	0
9/18/2023 11:24	51604 DUKE_T2	4	7	3	0.35	0.41	0.06	-1.57	-1.56	1	1	0	900	900	0
9/18/2023 11:25	67503 WEWI_T2	0	0	0	0	0	0	-0.22	-0.25	0	0	0	0	0	0
9/18/2023 11:25	56802 BENV_T2	47	60	13	0.17	0.19	0.02	-0.62	-0.58	0	0	0	0	0	0
9/18/2023 11:27	56803 BENV_T1	2	5	3	0.2	0.28	0.08	0	0	0	0	0	0	0	0
9/18/2023 11:27	15001 BLMO_T1	0	2	2	0	0.25	0.25	0	0	0	0	0	0	0	0
9/18/2023 11:28	56801 BENV_T1	52	51	-1	1.21	1.15	-0.06	-0.73	-0.76	1	1	0	600	600	0
9/18/2023 11:29	51604 DUKE_T2	4	7	3	0.35	0.41	0.06	-1.56	-1.57	1	1	0	900	900	0
9/18/2023 11:30	53901 HAU_T2	3	4	1	0.3	0.48	0.18	0	0	0	0	0	0	0	0
9/18/2023 11:32	45802 HEGI_T2	0	4	4	0	0.1	0.1	0.6	0.61	1	1	0	300	300	0
9/18/2023 11:32	64101 REFR_T1	3	3	0	6.73	6.63	-0.1	-0.06	-0.07	0	0	0	0	0	0
9/18/2023 11:33	42002 MNVL_T2	1	1	0	3.4	3	-0.4	0	0	0	0	0	0	0	0
9/18/2023 11:33	64101 REFR_T1	3	3	0	6.73	6.63	-0.1	-0.06	-0.07	0	0	0	0	0	0
9/18/2023 11:34	47101 MARL_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9/18/2023 11:34	60501 NMAN_T2	3	3	0	4.87	4.5	-0.37	0	0	0	0	0	0	0	0
9/18/2023 11:35	49803 UNIV_T1	0	3	3	0	0.73	0.73	0	0	0	0	0	0	0	0
9/18/2023 11:35	52502 PROG_T2	2	1	-1	0.3	0.2	-0.1	-0.62	-0.62	1	1	0	900	900	0
9/18/2023 11:36	56501 ROCK_T2	8	11	3	0.23	0.28	0.05	-0.41	-0.4	0	0	0	0	0	0
9/18/2023 11:37	65604 QVIL_T2	2	3	1	0.1	0.27	0.17	1.36	1.42	0	0	0	0	0	0
9/18/2023 11:37	65001 NEFF_T2	0	0	0	0	0	0	0.01	0.02	1	1	0	1200	1200	0
9/18/2023 11:37	46001 BERW_T1	0	0	0	0	0	0	0.99	1.01	0	0	0	0	0	0
9/18/2023 11:37	64101 REFR_T1	3	3	0	6.73	6.63	-0.1	-0.06	-0.07	0	0	0	0	0	0
9/18/2023 11:37	43304 WATS_T2	0	0	0	0	0	0	-0.36	-0.36	0	0	0	0	0	0
9/18/2023 11:37	16302 ALPA_T2	0	0	0	0	0	0	0.76	0.74	0	0	0	0	0	0
9/18/2023 11:38	67502 WEWI_T2	0	0	0	0	0	0	-0.15	-0.19	0	0	0	0	0	0
9/18/2023 11:38	42701 AUGU_T1	0	1	1	0	0.9	0.9	0	0	4	4	0	3600	3600	0
9/18/2023 11:38	49803 UNIV_T1	0	3	3	0	0.73	0.73	-1.89	-1.77	0	0	0	0	0	0
9/18/2023 11:38	45902 AUBU_T1	0	0	0	0	0	0	-0.66	-0.63	2	2	0	1200	1200	0
9/18/2023 11:38	64101 REFR_T1	3	3	0	6.73	6.63	-0.1	-0.06	-0.07	0	0	0	0	0	0
9/18/2023 11:38	67503 WEWI_T2	0	0	0	0	0	0	-0.25	-0.28	0	0	0	0	0	0
9/18/2023 11:38	66505 SMAN_T2	0	0	0	0	0	0	0.51	0.62	2	2	0	1100	1100	0
9/18/2023 11:38	45902 AUBU_T1	0	0	0	0	0	0	-0.66	-0.63	2	2	0	1200	1200	0
9/18/2023 11:39	43301 WATS_T2	1	2	1	0.2	0.4	0.2	0.48	0.5	0	0	0	0	0	0
9/18/2023 11:39	67502 WEWI_T2	0	0	0	0	0	0	-0.15	-0.19	0	0	0	0	0	0
9/18/2023 11:39	45901 AUBU_T1	0	0	0	0	0	0	1.54	1.69	0	0	0	0	0	0
9/18/2023 11:39	16302 ALPA_T2	0	0	0	0	0	0	0.76	0.74	0	0	0	0	0	0
9/18/2023 11:40	67502 WEWI_T2	0	0	0	0	0	0	-0.15	-0.19	0	0	0	0	0	0
9/18/2023 11:40	67502 WEWI_T2	0	0	0	0	0	0	-0.15	-0.19	0	0	0	0	0	0
9/18/2023 11:42	28604 BLYT_T2	0	0	0	0	0	0	-1.3	-1.31	0	0	0	0	0	0
9/18/2023 11:43	67503 WEWI_T2	0	0	0	0	0	0	-0.28	-0.29	0	0	0	0	0	0
9/18/2023 11:43	41802 GOCI_T2	20	20	0	0	0.22	0.22	0	0	0	0	0	0	0	0
9/18/2023 11:44	59302 MCAL_T1	2	1	-1	1.25	0	-1.25	0	0	0	0	0	0	0	0
9/18/2023 11:44	47101 MARL_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9/18/2023 11:46	12701 MACU_T1	0	0	0	0	0	0	0.14	0.15	0	0	0	0	0	0
9/18/2023 11:47	65603 QVIL_T2	1	345	344	0.1	0.28	0.18	0	0	0	0	0	0	0	0
9/18/2023 11:48	65604 QVIL_T2	2	4	2	0.25	0.5	0.25	0.71	0.71	0	0	0	0	0	0
9/18/2023 11:48	12701 MACU_T1	0	0	0	0	0	0	0.14	0.15	0	0	0	0	0	0
9/18/2023 11:48	42901 MIDD_T2	0	1	1	0	0.1	0.1	0	0	0	0	0	0	0	0
9/18/2023 11:49	44401 SALE_T2	1	35	34	0.3	7.56	7.26	0.75	0.98	2	1	-1	900	600	-300
9/18/2023 11:49	13704 SCHN_T2	1	4	3	0.4	0.25	-0.15	0.41	0.13	0	0	0	0	0	0
9/18/2023 11:51	56501 ROCK_T2	1	11	10	0.2	0.31	0.11	-0.4	-0.39	0	0	0	0	0	0
9/18/2023 11:53	46001 BERW_T1	0	0	0	0	0	0	1.01	1.09	0	0	0	0	0	0
9/18/2023 11:53	24901 WHHA_T1	0	0	0	0	0	0	1	0.87	0	0	0	0	0	0
9/18/2023 11:54	66503 SMAN_T2	0	1	1	0	0	0	0	0	0	0	0	0	0	0
9/18/2023 11:54	24105 EHAZ_T1	4	4	0	6.18	5.8	-0.38	0	0	0	0	0	0	0	0
9/18/2023 11:54	24901 WHHA_T1	0	0	0	0	0	0	1	0.87	0	0	0	0	0	0
9/18/2023 11:58	53901 HAU_T2	3	4	1	0.43	0.38	-0.05	0	0	0	0	0	0	0	0
9/18/2023 11:59	46801 HEPB_T2	2	2	0	0.45	1	0.55	0.87	0.75	0	0	0	0	0	0
9/18/2023 11:59	41802 GOCI_T2	0	22	22	0	0.24	0.24	0	0	0	0	0	0	0	0
9/18/2023 11:59	47101 MARL_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9/18/2023 12:00	45001 LIME_2	10	29	19	0.18	0.34	0.16	0	0	0	0	0	0	0	0
9/18/2023 12:00	59302 MCAL_T1	6	8	2	0.65	0.65	0	-1.33	-1.3	1	1	0	600	600	0
9/18/2023 12:00	53902 HAU_T2	1	1	0	0.7	0.4	-0.3	0	0	0	0	0	0	0	0
9/18/2023 12:01	64301 LINC_T1	0	0	0	0	0	0	0.31	0.34	1	1	0	600	600	0
9/18/2023 12:04	42903 MIDD_T2	2	2	0	0.5	0.35	-0.15	0	0	0	0	0	0	0	0
9/18/2023 12:04	45802 HEGI_T2	4	0	-4	0.1	0	-0.1	0.7	0.83	1	1	0	300	300	0
9/18/2023 12:05	60504 NMAN_T2	2	0	-2	0.5	0	-0.5	0	0	0	0	0	0	0	0
9/18/2023 12:07	42701 AUGU_T1	1	3	2	0.9	0.2	-0.7	0	0	2	2	0	1800	1800	0
9/18/2023 12:08	43301 WATS_T2	2	2	0	0.4	0.5	0.1	0	0	0	0	0	0	0	0
9/18/2023 12:09	15001 BLMO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9/18/2023 12:09	24901 WHHA_T1	0	0	0	0	0	0	0.87	1.01	0	0	0	0	0	0
9/18/2023 12:09	42701 AUGU_T1	1	3	2	0.9	0.2	-0.7	0	0	6	6	0	5400	5400	0
9/18/2023 12:10	24101 EHAZ_T1	0	0	0	0	0	0	0.42	1.06	2	1	-1	1200	600	-600
9/18/2023 12:10	43301 WATS_T2	2	2	0	0.4	0.5	0.1	0.5	0.51	0	0	0	0	0	0
9/18/2023 12:10	42701 AUGU_T1	1	3	2	0.9	0.2	-0.7	0	0	2	2	0	1800	1800	0
9/18/2023 12:10	24901 WHHA_T1	0	0	0	0	0	0	0.87	1.01	0	0	0	0	0	0
9/18/2023 12:11	44301 BEAV_T2	1	0	-1	0.2	0	-0.2	0	0	0	0	0	0	0	0
9/18/2023 12:12	52403 GRPA_T2	8	18	10	0.33	0.38	0.05	0.05	-0.31	0	0	0	0	0	0
9/18/2023 12:14	41801 GOCI_T2	214	271	57	0.4	0.44	0.04	0	0	0	0	0	0	0	0
9/18/2023 12:14	53903 HAU_T2	6	6	0	0.72	0.67	-0.05	0	0	0	0	0	0	0	0
9/18/2023 12:14	45001 LIME_2	10	29	19	0.18	0.34	0.16	0	0	0	0	0	0	0	0
9/18/2023 12:15	45003 LIME_2	1	1	0	3.7	3.7	0	0	0	1	1	0	1200	1200	0
9/18/2023 12:16	59301 MCAL_T1	7	7	0	0.67	0.59	-0.08	-1.3	-1.3	1	1	0	600	600	0
9/18/2023 12:19	64101 REFR_T1	3	3	0	6.87	6.73	-0.14	-0.04	-0.07	0	0	0	0	0	0
9/18/2023 12:20	64101 REFR_T1	3	3	0	6.87	6.73	-0.14	-0.12	-0.21	0	0	0	0	0	0
9/18/2023 12:20	66505 SMAN_T2	0	0	0	0	0	0	0.39	0.35	2	1	-1	1500	900	-600
9/18/2023 12:22	60803 BUCK_T1	157	160	3	0.58	0.52	-0.06	-0.87	-0.84	1	1	0	600	600	0
9/18/2023 12:25	15001 BLMO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9/18/2023 12:27	60801 BUCK_T1	378	362	-16	1.13	1.12	-0.01	0	0	0	0	0	0	0	0
9/18/2023 12:33	52502 PROG_T2	0	0	0	0	0	0	-0.6	-0.58	1	1	0	900	900	0
9/18/2023 12:46	45802 HEGI_T2	0	0	0	0	0	0	0.69	0.69	1	1	0	300	300	0
9/18/2023 12:47	65603 QVIL_T2	47	67	20	0.13	0.13	0	0	0	0	0	0	0	0	0
9/18/2023 12:51	65604 QVIL_T2	3	3	0	0.33	0.43	0.1	0.68	0.68	0	0	0	0	0	0
9/18/2023 12:56	46001 BERW_T1

Appendix C - Grid Benefits Achieved in Each Instance of Active Management

9/18/2023 14:24	42701 AUGU_T1	0	1	1	0	0.6	0.6	0	0	2	2	0	1800	1800	0
9/18/2023 14:24	43301 WATS_T2	1	1	0	0.6	0.4	-0.2	0	0	0	0	0	0	0	0
9/18/2023 14:24	56501 ROCK_T2	7	5	-2	0.21	0.24	0.03	-0.36	-0.36	0	0	0	0	0	0
9/18/2023 14:25	46001 BERW_T1	0	0	0	0	0	0	1.1	1.12	0	0	0	0	0	0
9/18/2023 14:25	42701 AUGU_T1	0	1	1	0	0.6	0.6	0	0	2	2	0	1800	1800	0
9/18/2023 14:26	42701 AUGU_T1	0	1	1	0	0.6	0.6	0	0	2	2	0	1800	1800	0
9/18/2023 14:26	16301 ALPA_T1	2	7	5	0.3	0.19	-0.11	-0.13	-0.09	0	0	0	0	0	0
9/18/2023 14:27	42701 AUGU_T1	0	1	1	0	0.6	0.6	0	0	2	2	0	1800	1800	0
9/18/2023 14:27	44301 BEAV_T2	0	0	0	0	0	0	0.47	0.39	2	1	-1	1500	600	-900
9/18/2023 14:27	24105 EHAZ_T1	4	4	0	6.03	6.08	0.05	0	0	0	0	0	0	0	0
9/18/2023 14:30	53903 HALI_T2	2	5	3	1.2	0.5	-0.7	-0.08	-0.08	0	0	0	0	0	0
9/18/2023 14:31	64801 MONE_T2	5	1	-4	0.32	0.8	0.48	0	0	0	0	0	0	0	0
9/18/2023 14:31	42902 MIDD_T2	0	0	0	0	0	0	-0.18	-0.14	1	1	0	600	600	0
9/18/2023 14:31	45802 HEGI_T2	0	0	0	0	0	0	0.86	0.81	1	1	0	300	300	0
9/18/2023 14:31	40101 HUNT_T2	0	0	0	0	0	0	-0.81	-0.84	0	0	0	0	0	0
9/18/2023 14:31	64301 LINC_T1	0	0	0	0	0	0	0.26	0.26	1	1	0	600	600	0
9/18/2023 14:31	12701 MACU_T1	0	0	0	0	0	0	0.3	0.24	0	0	0	0	0	0
9/18/2023 14:34	64801 MONE_T2	5	1	-4	0.32	0.8	0.48	0.36	0.35	0	0	0	0	0	0
9/18/2023 14:35	56501 ROCK_T2	4	4	0	0.18	0.25	0.07	-0.36	-0.23	0	0	0	0	0	0
9/18/2023 14:36	16301 ALPA_T1	5	5	0	0.18	0.2	0.02	-0.13	-0.09	0	0	0	0	0	0
9/18/2023 14:36	49804 UNIV_T1	0	1	1	0	0.1	0.1	0	0	0	0	0	0	0	0
9/18/2023 14:37	13704 SCHN_T2	1	1	0	0.5	0.4	-0.1	0.44	0.45	0	0	0	0	0	0
9/18/2023 14:37	59402 RFLD_T2	0	0	0	0	0	0	-1.12	-1.14	1	1	0	450	450	0
9/18/2023 14:37	42701 AUGU_T1	1	1	0	0.3	0.6	0.3	0	0	2	2	0	1800	1800	0
9/18/2023 14:37	16302 ALPA_T2	0	0	0	0	0	0	0.77	0.88	0	0	0	0	0	0
9/18/2023 14:37	44601 SALE_T2	0	0	0	0	0	0	0.92	1.04	1	2	1	600	900	300
9/18/2023 14:37	66505 SMAN_T2	0	0	0	0	0	0	0.44	0.57	2	2	0	1500	1500	0
9/18/2023 14:38	66505 SMAN_T2	0	0	0	0	0	0	0.44	0.57	2	2	0	1500	1500	0
9/18/2023 14:38	49803 UNIV_T1	1	0	-1	0.2	0	-0.2	-0.94	-0.88	0	0	0	0	0	0
9/18/2023 14:38	16301 ALPA_T1	5	5	0	0.18	0.2	0.02	-0.13	-0.09	0	0	0	0	0	0
9/18/2023 14:38	43301 WATS_T2	1	2	1	0.4	0.5	0.1	0.5	0.52	0	0	0	0	0	0
9/18/2023 14:39	52403 GRPA_T2	2	2	0	0.6	0.85	0.25	-0.25	-0.22	0	0	0	0	0	0
9/18/2023 14:40	42701 AUGU_T1	1	1	0	0.3	0.6	0.3	0	0	2	2	0	1800	1800	0
9/18/2023 14:40	43301 WATS_T2	1	2	1	0.4	0.5	0.1	0	0	0	0	0	0	0	0
9/18/2023 14:41	45902 AUBU_T1	0	0	0	0	0	0	-0.43	-0.43	1	1	0	600	600	0
9/18/2023 14:41	15001 BLMO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9/18/2023 14:41	16302 ALPA_T2	0	0	0	0	0	0	0.88	0.87	0	0	0	0	0	0
9/18/2023 14:41	42701 AUGU_T1	1	1	0	0.3	0.6	0.3	0	0	2	2	0	1800	1800	0
9/18/2023 14:41	10805 CHHI_T2	1	1	0	7.3	7.4	0.1	-1.39	-1.56	2	2	0	1800	1800	0
9/18/2023 14:42	28604 BLYT_T2	0	0	0	0	0	0	-1.31	-1.3	0	0	0	0	0	0
9/18/2023 14:42	24101 EHAZ_T1	0	0	0	0	0	0	0.98	0.79	1	1	0	600	600	0
9/18/2023 14:42	42701 AUGU_T1	1	1	0	0.3	0.6	0.3	0	0	2	2	0	1800	1800	0
9/18/2023 14:45	53902 HALI_T2	0	1	1	0	0.6	0.6	0	0	0	0	0	0	0	0
9/18/2023 14:46	55101 WERT_T1	0	0	0	0	0	0	-2.99	-3.53	9	9	0	7200	7200	0
9/18/2023 14:46	64301 LINC_T1	0	0	0	0	0	0	0.26	0.27	1	1	0	600	600	0
9/18/2023 14:46	12701 MACU_T1	0	0	0	0	0	0	0.12	0.15	0	0	0	0	0	0
9/18/2023 14:47	12701 MACU_T1	0	0	0	0	0	0	0.12	0.15	0	0	0	0	0	0
9/18/2023 14:47	46801 HEPB_T2	2	2	0	0.55	0.85	0.3	0.82	0.79	0	0	0	0	0	0
9/18/2023 14:47	41802 GOCI_T2	14	22	8	0.19	0.18	-0.01	0	0	0	0	0	0	0	0
9/18/2023 14:47	64801 MONE_T2	1	1	0	0.5	0.8	0.3	0	0	0	0	0	0	0	0
9/18/2023 14:47	47101 MARL_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9/18/2023 14:47	64101 REFR_T1	3	3	0	7.13	7.27	0.14	0	0.03	0	0	0	0	0	0
9/18/2023 14:47	55101 WERT_T1	0	0	0	0	0	0	-1	-1.18	3	3	0	2400	2400	0
9/18/2023 14:48	58402 MORO_T1	0	0	0	0	0	0	-0.9	-0.92	2	2	0	1500	1500	0
9/18/2023 14:48	59301 MCAL_T1	5	5	0	0.62	0.5	-0.12	-1.28	-1.3	1	1	0	600	600	0
9/18/2023 14:49	12701 MACU_T1	0	0	0	0	0	0	0.12	0.15	0	0	0	0	0	0
9/18/2023 14:49	14402 SSLA_T1	10	9	-1	0.33	0.23	-0.1	0	0	0	0	0	0	0	0
9/18/2023 14:49	55101 WERT_T1	0	0	0	0	0	0	-1	-1.18	3	3	0	2400	2400	0
9/18/2023 14:51	65001 NEFF_T2	0	0	0	0	0	0	-0.24	-0.3	1	1	0	1200	1200	0
9/18/2023 14:52	14403 SSLA_T1	1	0	-1	0.1	0	-0.1	1.16	1.17	0	0	0	0	0	0
9/18/2023 14:52	58402 MORO_T1	0	0	0	0	0	0	-0.9	-0.92	2	2	0	1500	1500	0
9/18/2023 14:54	65603 QVIL_T2	4	76	72	0.1	0.17	0.07	0	0	0	0	0	0	0	0
9/18/2023 14:54	67503 WEWI_T2	0	0	0	0	0	0	-0.25	-0.21	0	0	0	0	0	0
9/18/2023 14:57	67503 WEWI_T2	0	0	0	0	0	0	-0.43	-0.34	0	0	0	0	0	0
9/18/2023 14:57	10805 CHHI_T2	1	1	0	7.4	7.6	0.2	-1.56	-0.7	2	1	-1	1800	600	-1200
9/18/2023 14:57	40101 HUNT_T2	0	0	0	0	0	0	-0.39	-0.39	0	0	0	0	0	0
9/18/2023 14:57	64802 MONE_T2	3	27	24	0.1	0.14	0.04	0	0	0	0	0	0	0	0
9/18/2023 14:58	40101 HUNT_T2	0	0	0	0	0	0	-0.39	-0.39	0	0	0	0	0	0
9/18/2023 15:02	42903 MIDD_T2	2	2	0	0.7	0.95	0.25	0	0	0	0	0	0	0	0
9/18/2023 15:06	43301 WATS_T2	2	1	-1	0.5	0.7	0.2	0	0	0	0	0	0	0	0
9/18/2023 15:07	43301 WATS_T2	2	1	-1	0.5	0.7	0.2	0	0	0	0	0	0	0	0
9/18/2023 15:07	46302 ROHR_T1	4	5	1	1.68	1.74	0.06	0.19	0.2	0	0	0	0	0	0
9/18/2023 15:08	67204 TEHI_T2	0	1	1	0	0.2	0.2	0.03	0.02	0	0	0	0	0	0
9/18/2023 15:08	45902 AUBU_T1	0	0	0	0	0	0	-0.43	-0.46	1	1	0	600	600	0
9/18/2023 15:09	67204 TEHI_T2	0	1	1	0	0.2	0.2	0.03	0.02	0	0	0	0	0	0
9/18/2023 15:10	15001 BLMO_T1	0	2	2	0	0.25	0.25	0	0	0	0	0	0	0	0
9/18/2023 15:11	67502 WEWI_T2	0	1	1	0	0.1	0.1	-0.12	-0.14	0	0	0	0	0	0
9/18/2023 15:11	65603 QVIL_T2	84	27	-57	0.15	0.15	0	0	0	0	0	0	0	0	0
9/18/2023 15:13	15001 BLMO_T1	0	2	2	0	0.25	0.25	0	0	0	0	0	0	0	0
9/18/2023 15:13	67502 WEWI_T2	0	1	1	0	0.1	0.1	-0.12	-0.14	0	0	0	0	0	0
9/18/2023 15:13	61301 EARL_T1	0	0	0	0	0	0	-1.36	-1.36	2	2	0	1800	1800	0
9/18/2023 15:13	46001 BERW_T1	0	0	0	0	0	0	1.08	1.06	0	0	0	0	0	0
9/18/2023 15:15	16901 MECK_T1	9	5	-4	0.34	0.12	-0.22	0	0.04	0	0	0	0	0	0
9/18/2023 15:18	65901 SAKR_T2	0	0	0	0	0	0	-0.06	-0.09	1	1	0	900	900	0
9/18/2023 15:23	42201 SHEN_T2	3	2	-1	0.2	0.1	-0.1	-0.06	-0.03	1	1	0	600	600	0
9/18/2023 15:24	42701 AUGU_T1	0	0	0	0	0	0	0	0	2	2	0	1800	1800	0
9/18/2023 15:25	24902 WHHA_T1	70	30	-40	0.18	0.14	-0.04	0	0	0	0	0	0	0	0
9/18/2023 15:27	24902 WHHA_T1	70	30	-40	0.18	0.14	-0.04	0	0	0	0	0	0	0	0
9/18/2023 15:28	67502 WEWI_T2	0	3	3	0	0.23	0.23	-0.14	-0.18	0	0	0	0	0	0
9/18/2023 15:47	45802 HEGI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9/18/2023 15:55	15001 BLMO_T1	1	0	-1	0.4	0	-0.4	0	0	0	0	0	0	0	0
9/18/2023 16:15	45802 HEGI_T2	0	1	1	0	0.1	0.1	0.71	0.55	1	1	0	300	300	0
9/18/2023 16:15	26401 INOR_T1	0	1	1	0	0.1	0.1	0.81	0.66	0	0	0	0	0	0
9/18/2023 16:37	13503 MCWE_T2	0	0	0	0	0	0	-0.01	-0.01	0	0	0	0	0	0
9/18/2023 16:38	45901 AUBU_T1	0	0	0	0	0	0	3.46	3.47	0	0	0	0	0	0
9/18/2023 16:41	66703 STRA_T1	0	0	0	0	0	0	-0.01	0.01	0	0	0	0	0	0
9/18/2023 16:42	45902 AUBU_T1	0	0	0	0	0	0	-0.61	-0.74	1	1	0	600	600	0
9/18/2023 16:52	49803 UNIV_T1	0	0	0	0	0	0	-0.89	-0.87	0	0	0	0	0	0
9/18/2023 17:01	54701 NEBL_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9/18/2023 17:02	54701 NEBL_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9/18/2023 17:03	15603 NSTR_T2	0	0	0	0	0	0	-0.61	-0.61	0	0	0	0	0	0
9/18/2023 17:33	53901 HALI_T2	1	0	-1	3.9	0	-3.9	0	0	0	0	0	0	0	0
9/18/2023 18:30	52402 GRPA_T2	2	4	2	1.65	1.33	-0.32	0	0	0	0	0	0	0	0
9/18/2023 19:28	54701 NEBL_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9/18/2023 20:12	46203 DANV_T2	0	0	0	0	0	0	-0.06	-0.05	0	0	0	0	0	0
9/18/2023 20:13	62604 ENGL_T1	0	0	0	0	0	0	-0.79	-0.78	0	0	0	0	0	0
9/18/2023 20:17	62601 ENGL_T1	1	0	-1	1.1	0	-1.1	0	0	0	0	0	0	0	0
9/18/2023 20:18	62601 ENGL_T1	1	0	-1	1.1	0	-1.1	0	0	0	0	0	0	0	0
9/18/2023 20:18	60801 BUCK_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9/18/2023 20:23	54701 NEBL_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9/18/2023 20:26	52403 GRPA_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9/18/2023 20:33	54701 NEBL_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9/18/2023 20:35	54701 NEBL_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9/18/2023 20:49	29402 BELT_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9/18/2023 20:49	44203 POIN_T2	0	0	0	0	0	0	-0.93	-0.91	2	2	0	2100	2100	0
9/18/2023 20:51	44203 POIN_T2	0	0	0	0	0	0	-1.85	-1.82	4	4	0	4200	4200	0
9/18/2023 20:52	59402 RFLD_T2	65	140	75	0.43	0.48	0.05	-1.22	-1.25	1	1	0	450	450	0
9/18/2023 20:54	29401 BELT_T1	0	30	30	0	0.15	0.15	0	0	0	0	0	0	0	0
9/18/2023 20:54	44203 POIN_T2	0	0	0	0	0	0	-0.93	-0.91	2	2	0	2100	2100	0
9/18/2023 20:58	61301 EARL_T1	0	0	0	0	0	0	0.18	0.19	0	0	0	0	0	0
9/18/2023 20:59	14801 TREI_T2	0	0	0	0	0	0	0.42	0.42	0	0	0	0	0	0
9/18/2023 20:59	15601 NSTR_T2	3	3	0	0.6	0.93	0.33	0	0	0	0	0	0	0	0
9/18/2023 21:00	29401 BELT_T1	19	33	14	0.13	0.14	0.01	0	0	0	0	0	0	0	0
9/18/2023 21:01	26401 INOR_T1	0	0	0	0	0	0	0.22	0.22	0	0	0	0	0	0
9/18/2023 21:01	16301 ALPA_T1	166	2	-164	0.18	0.4	0.22	-0.29	-0.28	0	0	0	0	0	0
9/18/2023 21:04	10805 CHHI_T2	1	1	0	8.2	8.2	0	-0.72	-0.73	1	1	0	600	600	0
9/18/2023 21:05	67502 WEWI_T2	27	150	123	0.16	0.2	0.04	-1.33	-1.39	1	1	0	900	900	0
9/18/2023 21:06	24104 EHAZ_T1	0	1	1	0	0	0	0	0	0	0	0	0	0	0
9/18/2023 21:06	67204 TEHI_T2	0	0	0	0	0	0	0.21	0.14	0	0	0	0	0	0
9/18/2023 21:06	59101 WALK_T2	1	1	0	0	0	0	1.38	1.5	0	0	0	0	0	0
9/18/2023 21:06	16302 ALPA_T2	0	0	0	0	0	0	0.7	0.71	0	0	0	0	0	0
9/18/2023 21:07	59101 WALK_T2	1	1	0	0	0	0	1.38	1.5	0	0	0	0	0	0
9/18/2023 21:07	67502 WEWI_T2	27	150	123	0.16	0.2	0.04	-1.33	-1.39	1	1	0	900	900	0
9/18/2023 21:08	14802 TREI_T2	1	0	-1	0.1	0	-0.1	0	0	0	0	0	0	0	0
9/18/2023 21:08	24902 WHHA_T1	7	24	17	0.13	0.15	0.02	0	0	0	0	0	0	0	0
9/18/2023 21:09	65901 SAKR_T2	0	0	0	0	0	0	-0.22	-0.22	1	1	0	900	900	0
9/18/2023 21:09	16301 ALPA_T1	166	2	-164	0.18	0.4	0.22	-0.29	-0.28	0	0	0	0	0	0
9/18/2023 21:09	65001 NEFF_T2	10	0	-10	0.1	0	-0.1	-0.68	-0.69	1	1	0	1200	1200	0
9/18/2023 21:09	59102 WALK_T2	3	1	-2	0.13	0.2	0.07	0	0	0	0	0	0	0	0
9/18/2023 21:09	15001 BLMO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9/18/2023 21:10	41801 GOCI_T2	58	78	20	0.17	0.22	0.05	0	0	0	0	0	0	0	0
9/18/2023 21:10	67503 WEWI_T2	0	0	0	0	0	0	-0.28	-0.21	0	0	0	0	0	0
9/18/2023 21:10	45901 AUBU_T1	3	20	17	0.13	0.15	0.02	0	0	0	0	0	0	0	0
9/18/2023 21:10	44203 POIN_T2	0	0	0	0	0	0	-0.91	-1.02	2	2	0	2100	2100	0
9/18/2023 21:10	59402 RFLD_T2	87	164	77	0.43	0.55	0.12	-1.25	-1.26	1	1	0	450	450	0
9/18/2023 21:10	56802 BENV_T2	44	92	48	0.17	0.2	0.03	-1.39	-1.32	0	0	0	0	0	0
9/18/2023 21:10	66505 SMAN_T2	0	0	0	0	0	0	0.11	0.02	1	1	0	900	900	0
9/18/2023 21:10	47101 MARL_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9/18/2023 21:10	42701 AUGU_T1	1	1	0	0.8	0.7	-0.1	0	0	2	2	0	1800	1800	0
9/18/2023 21:11	60801 BUCK_T1	282	374	92	1.03	1.17	0.14	-0.37	-0.36	0	0	0	0	0	0
9/18/2023 21:11	28403 HART_T2	0	0	0	0	0	0	-0.59	-0.62	1	1	0	900	900	0
9/18/2023 21:12	52006 LING_T2	0	2	2	0	0.1	0.1	0	0	0	0	0	0	0	0
9/18/2023 21:12	47802 MOCA_T2	0	0	0	0	0	0	0.32	0.28	0	0	0	0	0	0
9/18/2023 21:12	28602 BLYT_T2	2	0	-2	2	0	-2	0	0	0	0	0	0	0	0
9/18/2023 21:12	56803 BENV_T1	0	2	2	0	0.1	0.1	0	0	0	0	0	0	0	0
9/18/2023 21:12	67502 WEWI_T2	27	150	123	0.16	0.2	0.04	0	0	0	0	0	0	0	0
9/18/2023 21:12	55101 WERT_T1	0	0	0	0	0	0	-1.19	-1.24	2	2	0	1500	1500	0
9/18/2023 21:12	24901 WHHA_T1	0	0	0	0	0	0	0.53	0.48	0	0	0	0	0	0
9/18/2023 21:13	12701 MACU_T1	0	0	0	0	0	0	0.09	0.06	0	0	0	0	0	0
9/18/2023 21:13	60801 BUCK_T1	282	374	92	1.03	1.17	0.14	0	0	0	0	0	0	0	0
9/18/2023 21:13	42201 SHEN_T2	0	0	0	0	0	0	0.71	0.76	0	0	0	0	0	0
9/18/2023 21:13	59102 WALK_T2	3	1	-2	0.13	0.2	0.07	0	0	0	0	0	0	0	0
9/18/2023 21:14	17804 GLB_T2	0	0	0	0	0	0	-0.53	-0.53	0	0	0	0	0	0
9/18/2023 21:14	20403 ASHF_T2	0	0	0	0	0	0	0.14	0.11	0	0	0	0	0	0
9/18/2023 21:14	66703 STRA_T1	1	5	4	0.2	0.28	0.08	-0.26	-0.27	0	0	0	0	0	0
9/18/2023 21:15	28403 HART_T2	0	0	0	0	0	0	-0.59	-0.62	1	1	0	900	900	0
9/18/2023 21:15	44801 EDAN_T2	1	2	1	0.9	0.9	0	0	0	0	0	0	0	0	0
9/18/2023 21:15	45902 AUBU_T1	64	105	41	0.17	0.17	0	-0.88	-0.83	1	1	0	600	600	0
9/18/2023 21:15	10805 CHHI_T2	1	1	0	8.2	8.3	0.1	-0.73	-0.75	1	1	0	600	600	0
9/18/2023 21:15	16302 ALPA_T2	0	0	0	0	0	0	0.71	0.73	0	0	0	0	0	0
9/18/2023 21:15	26603 BROO_T1	0	0	0	0	0	0	0.17	0.16	0	0	0	0	0	0
9/18/2023 21:15	56802 BENV_T2	77	85	8	0.19	0.19	0	-0.66	-0.73	0	0	0	0	0	0
9/18/2023 21:15	49803 UNIV_T1	0	0	0	0	0	0	-1.01	-1.05	0	0	0	0	0	0
9/18/2023 21:15	44202 POIN_T2	0	0	0	0	0	0	0.81	0.85	1	1	0	1200	1200	0
9/18/2023 21:15	42001 MNVL_T2	1	0	-1	0.1	0	-0.1	0.08	0.05	0	0	0	0	0	0
9/18/2023 21:15	40101 HUNT_T2	0	0	0	0	0	0	-0.53	-0.54	0	0	0	0	0	0
9/18/2023 21:15	42701 AUGU_T1	1	1	0	0.7	0.6	-0.1	0	0	2	2	0	1800	1800	0
9/18/2023 21:15	43402 BENT_T1	0	0	0	0	0	0	-0.93	-0.95	1	1	0	900	900	0
9/18/2023 21:15	23401 HONE_T2	0	0	0	0

9/18/2023 21:26	53902 HALI_T2	0	0	0	0	0	0	-0.21	-0.22	0	0	0	0	0	0
9/18/2023 21:26	58402 MORO_T1	0	0	0	0	0	0	-0.84	-0.91	2	2	0	1200	1200	0
9/18/2023 21:29	43402 BENT_T1	0	0	0	0	0	0	-0.95	-0.96	1	1	0	900	900	0
9/18/2023 21:38	52404 GRPA_T2	1	1	0	0.5	0.7	0.2	0	0	0	0	0	0	0	0
9/18/2023 22:14	41901 REED_T1	10	1	-9	0.26	0.2	-0.06	-1.84	-1.91	1	1	0	900	900	0
9/18/2023 22:15	43402 BENT_T1	0	0	0	0	0	0	-0.96	-0.94	1	1	0	900	900	0
9/18/2023 22:23	62607 ENGL_T1	11	174	163	0.12	0.18	0.06	0	0	0	0	0	0	0	0
9/18/2023 22:29	43402 BENT_T1	0	0	0	0	0	0	-0.94	-1	1	1	0	900	900	0
9/18/2023 23:15	43402 BENT_T1	0	0	0	0	0	0	-0.97	-0.97	1	1	0	900	900	0
9/18/2023 23:29	43402 BENT_T1	0	0	0	0	0	0	-0.97	-0.96	1	1	0	900	900	0
9/19/2023 0:15	43402 BENT_T1	0	0	0	0	0	0	-0.97	-0.97	1	1	0	900	900	0
9/19/2023 0:28	61303 EARL_T1	0	0	0	0	0	0	-0.02	-0.03	0	0	0	0	0	0
9/19/2023 0:28	17805 GILB_T2	0	0	0	0	0	0	0.01	0	0	0	0	0	0	0
9/19/2023 0:28	65602 QVIL_T2	14	18	4	0.35	0.36	0.01	0	0	0	0	0	0	0	0
9/19/2023 0:28	56802 BENV_T2	1	1	0	0.6	0.8	0.2	-7.58	-7.44	0	0	0	0	0	0
9/19/2023 0:28	45901 AUBU_T1	0	0	0	0	0	0	2.93	3.04	0	0	0	0	0	0
9/19/2023 0:28	55101 WERT_T1	0	0	0	0	0	0	-3.15	-3.05	4	4	0	3000	3000	0
9/19/2023 0:28	15001 BLMO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9/19/2023 0:28	53501 EVIL_T2	0	1	1	0	0.3	0.3	-0.06	-0.06	0	0	0	0	0	0
9/19/2023 0:28	13704 SCHN_T2	0	0	0	0	0	0	-1.19	-1.21	0	0	0	0	0	0
9/19/2023 0:28	44802 EDAN_T2	0	0	0	0	0	0	-1.36	-1.38	0	0	0	0	0	0
9/19/2023 0:28	54701 NEBL_T1	0	0	0	0	0	0	0	0	1	1	0	600	600	0
9/19/2023 0:28	44202 POIN_T2	0	0	0	0	0	0	-1.9	-1.95	2	2	0	2400	2400	0
9/19/2023 0:28	14403 SSLA_T1	0	0	0	0	0	0	0.51	0.52	0	0	0	0	0	0
9/19/2023 0:28	53903 HALI_T2	2	2	0	1.15	1	-0.15	-0.37	-0.39	0	0	0	0	0	0
9/19/2023 0:28	56801 BENV_T1	29	29	0	0.75	1.01	0.26	-0.93	-0.93	1	1	0	600	600	0
9/19/2023 0:28	10801 CHHI_T1	0	0	0	0	0	0	-1.02	-1.03	1	1	0	900	900	0
9/19/2023 0:28	59101 WALK_T2	1	1	0	0	0	0	0.98	0.93	0	0	0	0	0	0
9/19/2023 0:28	67503 WEWI_T2	0	0	0	0	0	0	-0.45	-0.46	0	0	0	0	0	0
9/19/2023 0:28	46801 HEPB_T2	1	2	1	0.1	0.25	0.15	0.49	0.52	0	0	0	0	0	0
9/19/2023 0:28	56501 ROCK_T2	11	11	0	0.61	0.59	-0.02	-0.54	-0.5	0	0	0	0	0	0
9/19/2023 0:28	59402 RFLD_T2	1	5	4	0.1	0.16	0.06	-1.3	-1.32	1	1	0	450	450	0
9/19/2023 0:28	44301 BEAV_T2	2	2	0	0.7	0.6	-0.1	0.47	0.46	0	0	0	0	0	0
9/19/2023 0:28	66505 SMAN_T2	3	3	0	0.4	0.57	0.17	-0.25	-0.34	1	1	0	900	900	0
9/19/2023 0:28	67204 TEHI_T2	1	63	62	0.1	0.13	0.03	0.01	0	0	0	0	0	0	0
9/19/2023 0:28	52402 GRPA_T2	2	2	0	1.75	1.8	0.05	0	0	0	0	0	0	0	0
9/19/2023 0:28	12701 MACU_T1	0	0	0	0	0	0	0	-0.01	0	0	0	0	0	0
9/19/2023 0:28	60803 BUCK_T1	167	171	4	0.47	0.52	0.05	-1.04	-1.05	1	1	0	600	600	0
9/19/2023 0:28	54001 SDLE_T1	1	1	0	0.5	0.6	0.1	0	0	1	1	0	600	600	0
9/19/2023 0:28	62604 ENGL_T1	0	0	0	0	0	0	-0.32	-0.33	1	1	0	600	600	0
9/19/2023 0:28	67503 WEWI_T2	0	0	0	0	0	0	-0.45	-0.46	0	0	0	0	0	0
9/19/2023 0:28	64101 REFR_T1	3	3	0	9.03	8.97	-0.06	-0.01	-0.01	0	0	0	0	0	0
9/19/2023 0:28	43301 WATS_T2	1	1	0	0.1	0.4	0.3	0	0	0	0	0	0	0	0
9/19/2023 0:28	64301 LINC_T1	0	0	0	0	0	0	0.27	0.19	0	0	0	0	0	0
9/19/2023 0:28	60501 NMAN_T2	3	3	0	4.77	4.9	0.13	0	0	0	0	0	0	0	0
9/19/2023 0:28	42201 SHEN_T2	0	0	0	0	0	0	0.57	0.59	0	0	0	0	0	0
9/19/2023 0:28	46001 BERW_T1	0	0	0	0	0	0	0.6	0.6	0	0	0	0	0	0
9/19/2023 0:29	43402 BENT_T1	0	0	0	0	0	0	-0.97	-0.97	1	1	0	900	900	0
9/19/2023 1:08	52402 GRPA_T2	2	2	0	2.1	1.9	-0.2	0	0	0	0	0	0	0	0
9/19/2023 1:15	43402 BENT_T1	0	0	0	0	0	0	-0.96	-0.98	1	1	0	900	900	0
9/19/2023 1:29	43402 BENT_T1	0	0	0	0	0	0	-0.98	-0.97	1	1	0	900	900	0
9/19/2023 2:15	43402 BENT_T1	0	0	0	0	0	0	-0.98	-0.97	1	1	0	900	900	0
9/19/2023 7:50	54701 NEBL_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9/19/2023 8:06	59101 WALK_T2	1	1	0	0	0	0	1.3	1.89	1	0	-1	600	0	-600
9/19/2023 8:12	46501 LOHA_T1	1	1	0	0.9	0.9	0	-0.5	-0.48	1	1	0	1200	1200	0
9/19/2023 8:12	46801 HEPB_T2	3	3	0	0.77	0.73	-0.04	0.56	0.55	0	0	0	0	0	0
9/19/2023 8:15	46503 LOHA_T1	0	0	0	0	0	0	-0.61	-0.62	0	0	0	0	0	0
9/19/2023 8:22	56802 BENV_T2	183	158	-25	0.34	0.27	-0.07	-1.45	-1.41	0	0	0	0	0	0
9/19/2023 8:24	56802 BENV_T2	183	158	-25	0.34	0.27	-0.07	-1.45	-1.41	0	0	0	0	0	0
9/19/2023 8:27	56802 BENV_T2	183	158	-25	0.34	0.27	-0.07	-1.41	-1.45	0	0	0	0	0	0
9/19/2023 8:37	43001 ALWD_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9/19/2023 8:38	45802 HEGI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9/19/2023 8:38	60801 BUCK_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9/19/2023 8:42	56603 HAMP_T1	2	0	-2	0.1	0	-0.1	0	0	0	0	0	0	0	0
9/19/2023 8:46	65902 SAKR_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9/19/2023 8:47	52403 GRPA_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9/19/2023 8:49	54701 NEBL_T1	0	0	0	0	0	0	0	0	1	1	0	600	600	0
9/19/2023 8:53	53601 DALM_T2	1	1	0	0.6	0.9	0.3	-0.32	-0.33	1	1	0	900	900	0
9/19/2023 9:08	59102 WALK_T2	2	1	-1	0.15	0.5	0.35	0	0	0	0	0	0	0	0
9/19/2023 9:09	46203 DANV_T2	0	3	3	0	0.13	0.13	-0.14	-0.15	0	0	0	0	0	0
9/19/2023 9:15	40101 HUNT_T2	0	1	1	0	0.1	0.1	-0.57	-0.55	0	0	0	0	0	0
9/19/2023 9:19	13704 SCHN_T2	0	0	0	0	0	0	-0.27	-0.26	0	0	0	0	0	0
9/19/2023 9:21	65902 SAKR_T2	0	0	0	0	0	0	0	0.01	1	1	0	300	300	0
9/19/2023 9:25	26603 BROO_T1	0	0	0	0	0	0	0.34	0.35	0	0	0	0	0	0
9/19/2023 9:26	60801 BUCK_T1	267	269	2	1.45	1.45	0	-0.01	0.03	0	0	0	0	0	0
9/19/2023 9:26	26603 BROO_T1	0	0	0	0	0	0	0.35	0.28	0	0	0	0	0	0
9/19/2023 9:29	41801 GOCI_T2	1	2	1	0.3	0.3	0	0	0	0	0	0	0	0	0
9/19/2023 9:31	42002 MNVL_T2	1	1	0	3	2.9	-0.1	0	0	0	0	0	0	0	0
9/19/2023 9:32	59402 RFLD_T2	1	0	-1	0.1	0	-0.1	-1.32	-0.76	1	1	0	450	450	0
9/19/2023 9:32	43202 MVIL_T2	0	0	0	0	0	0	-0.59	-0.62	0	0	0	0	0	0
9/19/2023 9:33	43202 MVIL_T2	0	0	0	0	0	0	-0.59	-0.62	0	0	0	0	0	0
9/19/2023 9:36	14403 SSLA_T1	2	11	9	0.25	0.3	0.05	0.94	0.91	0	0	0	0	0	0
9/19/2023 9:37	65604 QVIL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9/19/2023 9:37	14403 SSLA_T1	2	11	9	0.25	0.3	0.05	0.94	0.91	0	0	0	0	0	0
9/19/2023 9:40	45802 HEGI_T2	0	0	0	0	0	0	0.97	0.98	0	0	0	0	0	0
9/19/2023 9:40	15001 BLMO_T1	0	1	1	0	0.1	0.1	0	0	0	0	0	0	0	0
9/19/2023 9:42	10801 CHHI_T1	0	2	2	0	0.2	0.2	-0.7	-0.74	1	1	0	900	900	0
9/19/2023 9:43	52402 GRPA_T2	1	6	5	3.4	0.65	-2.75	0	0	0	0	0	0	0	0
9/19/2023 9:44	47101 MARL_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9/19/2023 9:46	13503 MCMI_T2	0	0	0	0	0	0	-0.01	-0.01	0	0	0	0	0	0
9/19/2023 9:48	41901 REED_T1	0	0	0	0	0	0	-0.69	-0.71	0	0	0	0	0	0
9/19/2023 9:49	60803 BUCK_T1	156	182	26	0.44	0.58	0.14	-0.84	-0.88	1	1	0	600	600	0
9/19/2023 9:51	67502 WEWI_T2	1	16	15	0.4	0.26	-0.14	0	0	0	0	0	0	0	0
9/19/2023 9:51	43001 ALWD_T1	0	6	6	0	0.35	0.35	0	0	0	0	0	0	0	0
9/19/2023 9:53	60803 BUCK_T1	156	182	26	0.44	0.58	0.14	-0.84	-0.88	1	1	0	600	600	0
9/19/2023 9:53	15001 BLMO_T1	1	1	0	0.1	0.1	0	0	0	0	0	0	0	0	0
9/19/2023 9:55	62604 ENGL_T1	0	0	0	0	0	0	-0.68	-0.58	0	0	0	0	0	0
9/19/2023 9:56	45902 AUBU_T1	0	0	0	0	0	0	-0.53	-0.52	1	1	0	600	600	0
9/19/2023 9:56	62604 ENGL_T1	0	0	0	0	0	0	-0.58	-0.68	0	0	0	0	0	0
9/19/2023 9:56	53501 EVIL_T2	1	1	0	0.4	0.2	-0.2	-0.12	0.02	1	1	0	900	900	0
9/19/2023 9:57	62605 ENGL_T1	1	1	0	0.2	0.6	0.4	0	0	0	0	0	0	0	0
9/19/2023 9:57	24105 EHAZ_T1	4	4	0	5.98	5.95	-0.03	0	0	0	0	0	0	0	0
9/19/2023 9:58	62605 ENGL_T1	1	1	0	0.2	0.6	0.4	0	0	0	0	0	0	0	0
9/19/2023 9:58	53501 EVIL_T2	1	1	0	0.4	0.2	-0.2	-0.12	0.02	1	1	0	900	900	0
9/19/2023 9:59	53501 EVIL_T2	1	1	0	0.4	0.2	-0.2	-0.12	0.02	1	1	0	900	900	0
9/19/2023 10:00	59402 RFLD_T2	0	0	0	0	0	0	-1.2	-1.26	1	1	0	450	450	0
9/19/2023 10:00	53902 HALI_T2	1	1	0	0.3	0.5	0.2	0	0	0	0	0	0	0	0
9/19/2023 10:00	20401 ASHF_T2	1	1	0	0.6	0.1	-0.5	-0.21	-0.09	1	1	0	600	600	0
9/19/2023 10:00	14401 SSLA_T1	2	1	-1	0.6	1.3	0.7	0	0	0	0	0	0	0	0
9/19/2023 10:00	54701 NEBL_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9/19/2023 10:00	52503 PROG_T2	0	0	0	0	0	0	-0.65	-0.64	1	1	0	900	900	0
9/19/2023 10:00	66701 STRA_T1	1	1	0	0.5	0.4	-0.1	0	0	0	0	0	0	0	0
9/19/2023 10:00	52403 GRPA_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9/19/2023 10:00	65604 QVIL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9/19/2023 10:00	12604 MACA_T1	0	0	0	0	0	0	0.35	0.34	0	0	0	0	0	0
9/19/2023 10:00	67604 WARW_T1	0	0	0	0	0	0	0.62	0.67	0	0	0	0	0	0
9/19/2023 10:00	64301 LINC_T1	0	0	0	0	0	0	0	0.23	1	1	0	600	600	0
9/19/2023 10:00	15604 NSTR_T1	0	8	8	0	0.1	0.1	0	0	0	0	0	0	0	0
9/19/2023 10:00	45802 HEGI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9/19/2023 10:00	23401 HONE_T2	0	0	0	0	0	0	-0.26	-0.29	0	0	0	0	0	0
9/19/2023 10:00	56601 HAMP_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9/19/2023 10:00	64801 MONE_T2	4	24	20	0.38	0.22	-0.16	0.32	0.3	0	0	0	0	0	0
9/19/2023 10:00	10602 BLGL_T2	0	0	0	0	0	0	1.32	1.36	0	0	0	0	0	0
9/19/2023 10:00	41901 REED_T1	0	0	0	0	0	0	-0.71	-0.68	0	0	0	0	0	0
9/19/2023 10:00	60801 BUCK_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9/19/2023 10:06	15001 BLMO_T1	0	1	1	0	0.1	0.1	0	0	0	0	0	0	0	0
9/19/2023 10:06	45802 HEGI_T2	0	0	0	0	0	0	1.07	0.98	0	0	0	0	0	0
9/19/2023 10:07	67502 WEWI_T2	11	40	29	0.28	0.21	-0.07	0	0	0	0	0	0	0	0
9/19/2023 10:07	14402 SSLA_T1	7	8	1	0.29	0.29	0	0	0	0	0	0	0	0	0
9/19/2023 10:07	13701 SCHN_T2	0	1	1	0	0.2	0.2	0	0	0	0	0	0	0	0
9/19/2023 10:07	26603 BROO_T1	0	0	0	0	0	0	0.38	0.32	0	0	0	0	0	0
9/19/2023 10:07	56802 BENV_T2	182	183	1	0.29	0.32	0.03	-1.4	-1.33	0	0	0	0	0	0
9/19/2023 10:08	60803 BUCK_T1	173	183	10	0.59	0.54	-0.05	-0.88	-0.87	1	1	0	600	600	0
9/19/2023 10:08	59102 WALK_T2	0	1	1	0	0.3	0.3	0	0	0	0	0	0	0	0
9/19/2023 10:08	26603 BROO_T1	0	0	0	0	0	0	0.38	0.32	0	0	0	0	0	0
9/19/2023 10:08	66505 SMAN_T2	0	0	0	0	0	0	0.52	0.59	1	1	0	900	900	0
9/19/2023 10:08	56802 BENV_T2	182	183	1	0.29	0.32	0.03	-1.4	-1.33	0	0	0	0	0	0
9/19/2023 10:09	15001 BLMO_T1	0	1	1	0	0.1	0.1	0	0	0	0	0	0	0	0
9/19/2023 10:09	60801 BUCK_T1	237	221	-16	1.59	1.52	-0.07	0	0	0	0	0	0	0	0
9/19/2023 10:09	53501 EVIL_T2	1	0	-1	0.2	0	-0.2	-0.12	0.02	1	1	0	900	900	0
9/19/2023 10:09	56802 BENV_T2	182	183	1	0.29	0.32	0.03	-2.8	-2.67	0	0	0	0	0	0
9/19/2023 10:11	17805 GILB_T2	1	1	0	0.2	0.4	0.2	0	0	0	0	0	0	0	0
9/19/2023 10:11	56802 BENV_T2	182	183	1	0.29	0.32	0.03	-4	-4.06	0	0	0	0	0	0
9/19/2023 10:11	62607 ENGL_T1	212	201	-11	0.16	0.17	0.01	0	0	0	0	0	0	0	0
9/19/2023 10:11	60801 BUCK_T1	237	221	-16	1.59	1.52	-0.07	0.18	0.17	0	0	0	0	0	0
9/19/2023 10:11	44802 EDAN_T2	0	0	0	0	0	0	-1.96	-2.01	1	1	0	1200	1200	0
9/19/2023 10:11	41801 GOCI_T2	2	13	11	0.25	0.21	-0.04	0	0	0	0	0	0	0	0
9/19/2023 10:12	44802 EDAN_T2	0	0	0	0	0	0	-1.96	-2.01	1	1	0	1200	1200	0
9/19/2023 10:12	62605 ENGL_T1	1	1	0	0.3	0.6	0.3	0	0	0	0	0	0	0	0
9/19/2023 10:12	46206 DANV_T2	0	1	1	0	0	0	0	0	0	0	0	0	0	0
9/19/2023 10:12	52402 GRPA_T2	6	5	-1	0.65	0.64	-0.01	0	0	0	0	0	0	0	0
9/19/2023 10:12	46801 HEPB_T2	30	16	-14	0.29	0.3	0.01	0.64	0.7	0	0	0	0	0	0
9/19/2023 10:12	53501 EVIL_T2	1	0	-1	0.2	0	-0.2	0.02	0.12	1	1	0	900	900	0
9/19/2023 10:12	53601 DALM_T2	1	1	0	0.8	0.9	0.1	-0.36	-0.58	1	1	0	900	900	0
9/19/2023 10:13	56802 BENV_T2	182	183	1	0.29	0.32	0.03	-1.33	-1.35	0	0	0	0	0	0
9/19/2023 10:13	62604 ENGL_T1	0	0	0	0	0	0	-1.36	-1.18	0	0	0	0	0	0
9/19/2023 10:13	24105 EHAZ_T1	4	4	0	5.95	5.95	0	0	0	0	0	0	0	0	0
9/19/2023 10:13	10801 CHHI_T1	2	6	4	0.2	0.48	0.28	-0.79	-0.65	1	1	0	900	900	0
9/19/2023 10:13	53501 EVIL_T2	1	0	-1	0.2	0	-0.2	0.02	0.12	1	1	0	900	900	0
9/19/2023 10:14	28403 HART_T2	0	0	0	0	0	0	-0.68	-0.65	1	1	0	900	900	0
9/19/2023 10:14	43202 MVIL_T2	0	1	1	0	0.5	0.5	-0.59	-0.57	0	0	0	0	0	0
9/19/2023 10:15	47101 MARL_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9/19/2023 10:15	52402 GRPA_T2	4	6	2	0.75	0.67	-0.08	0	0	0	0	0	0	0	0
9/19/2023 10:16	54701 NEBL_T1	0	0	0	0	0	0	0	0	1	1	0	600	600	0
9/19/2023 10:17	43202 MVIL_T2	1	0	-1	0.5	0	-0.5	-0.59	-0.57	0	0	0	0	0	0
9/19/2023 10:18	54001 SDLE_T1	6	8	2	0.53	0.55	0.02	0	0	1	1	0	600	600	0
9/19/2023 10:18	13503 MCMI_T2	0	0	0	0	0	0	-0.01	-0.01	0	0	0	0	0	0
9/19/2023 10:18	44203 POIN_T2	0	0	0	0	0	0	0.08	0.18	2	2	0	2100	2100	0
9/19/2023 10:18	64801 MONE_T2	9	24	15	0.27	0.21	-0.06	0	0	0	0	0	0	0	0
9/19/2023 10:19	54701 NEBL_T1	0	0	0	0	0	0	0	0	1	1	0	600	600	0
9/19/2023 10:19	44802 EDAN_T2	0	0	0	0	0	0	-1.96	-2.01	1	1	0	1200	1200	0
9/19/2023 10:21	20403 ASHF_T2	1	0	-1	0.4	0	-0.4	1.17	1.27	0	0	0	0	0	0
9/19/2023 10:21	65601 QVIL_T2	381	454	73	0.54	0.51	-0.03	0	0	0	0	0	0	0	0
9/19/2023 10:21	43304 WATS_T2	0	0	0	0	0	0	-0.6	-0.52	0	0	0	0	0	0
9/19/2023 10:22	65603 QVIL_T2	346	438	92	0.25	0.28	0.03	0	0	0	0	0	0	0	0
9/19/2023 10:22	28604 BLYT_T2	0	0	0	0	0	0	-1.39	-1.38	0	0	0	0	0	0
9/19/2023 10:22	20403 ASHF_T2	1	0	-1	0.4	0	-0.4	1.17	1.27	0	0	0	0	0	0
9/19/2023 10:23	66505 SMAN_T2	0	0	0	0	0	0	0.59	0.42	1	1	0	900	900	0
9/19/2023 10:23	67503 WEWI_T2	3	0	-3	0

9/19/2023 10:55	44301 BEAV_T2	1	11	10	2.6	0.37	-2.23	0.22	0.04	2	2	0	1500	1500	0
9/19/2023 10:56	56802 BENV_T2	172	161	-11	0.28	0.25	-0.03	-1.19	-1.25	0	0	0	0	0	0
9/19/2023 10:56	45901 AUBU_T1	0	0	0	0	0	0	1.59	1.63	0	0	0	0	0	0
9/19/2023 10:57	56803 BENV_T1	1	6	5	0.8	0.58	-0.22	0	0	0	0	0	0	0	0
9/19/2023 10:57	28403 HART_T2	0	0	0	0	0	0	-0.68	-0.66	1	1	0	900	900	0
9/19/2023 10:58	52004 LING_T2	2	2	0	0.5	0.45	-0.05	0.4	0.4	0	0	0	0	0	0
9/19/2023 10:58	60101 COCA_T1	3	2	-1	0.33	0.5	0.17	1.04	0.76	0	0	0	0	0	0
9/19/2023 10:58	49803 UNIV_T1	2	2	0	0.6	0.45	-0.15	-1.05	-0.98	0	0	0	0	0	0
9/19/2023 11:01	59003 MIFF_T1	0	1	1	0	0	0	-0.28	-0.31	0	0	0	0	0	0
9/19/2023 11:02	59001 MIFF_T1	3	1	-2	0.47	0.8	0.33	0	0	0	0	0	0	0	0
9/19/2023 11:03	59001 MIFF_T1	3	1	-2	0.47	0.8	0.33	0	0	0	0	0	0	0	0
9/19/2023 11:04	64801 MONE_T2	4	6	2	0.28	0.26	-0.02	0.3	0.32	0	0	0	0	0	0
9/19/2023 11:04	59003 MIFF_T1	0	1	1	0	0	0	-0.28	-0.31	0	0	0	0	0	0
9/19/2023 11:04	13704 SCHN_T2	0	1	1	0	0.3	0.3	-0.2	-0.15	0	0	0	0	0	0
9/19/2023 11:05	59003 MIFF_T1	0	1	1	0	0	0	-0.56	-0.61	0	0	0	0	0	0
9/19/2023 11:05	59402 RFLD_T2	4	2	-2	0.28	0.25	-0.03	-1.85	-2.47	2	2	0	900	900	0
9/19/2023 11:05	44203 POIN_T2	0	0	0	0	0	0	0.19	0.29	2	2	0	2100	2100	0
9/19/2023 11:06	43301 WATS_T2	1	1	0	0.8	0.9	0.1	0.37	0.4	0	0	0	0	0	0
9/19/2023 11:06	44601 SALE_T2	0	0	0	0	0	0	0.33	0.77	1	2	1	600	900	300
9/19/2023 11:06	65601 QVIL_T2	341	345	4	0.47	0.46	-0.01	0	0	0	0	0	0	0	0
9/19/2023 11:06	43301 WATS_T2	1	1	0	0.8	0.9	0.1	0.37	0.4	0	0	0	0	0	0
9/19/2023 11:07	59101 WALK_T2	3	1	-2	0.6	0	-0.6	1.01	2.46	0	0	0	0	0	0
9/19/2023 11:07	67502 WEWI_T2	5	3	-2	0.38	0.6	0.22	0	0	0	0	0	0	0	0
9/19/2023 11:07	44202 POIN_T2	0	0	0	0	0	0	-0.42	-0.41	1	1	0	1200	1200	0
9/19/2023 11:07	42201 SHEN_T2	0	0	0	0	0	0	0.1	0.09	1	1	0	600	600	0
9/19/2023 11:08	56801 BENV_T1	54	61	7	1.09	1.17	0.08	-0.77	-0.76	1	1	0	600	600	0
9/19/2023 11:08	59102 WALK_T2	5	2	-3	0.46	0.2	-0.26	0	0	0	0	0	0	0	0
9/19/2023 11:09	43304 WATS_T2	0	0	0	0	0	0	-0.49	-0.47	0	0	0	0	0	0
9/19/2023 11:09	65601 QVIL_T2	341	345	4	0.47	0.46	-0.01	0	0	0	0	0	0	0	0
9/19/2023 11:09	56803 BENV_T1	4	5	1	0.73	0.44	-0.29	0	0	0	0	0	0	0	0
9/19/2023 11:10	56801 BENV_T1	54	61	7	1.09	1.17	0.08	-2.32	-2.29	3	3	0	1800	1800	0
9/19/2023 11:10	49803 UNIV_T1	1	2	1	0.1	0.45	0.35	-1.05	-0.98	0	0	0	0	0	0
9/19/2023 11:11	56801 BENV_T1	54	61	7	1.09	1.17	0.08	-0.76	-0.77	1	1	0	600	600	0
9/19/2023 11:14	59001 MIFF_T1	3	1	-2	0.47	0.8	0.33	0	0	0	0	0	0	0	0
9/19/2023 11:15	59003 MIFF_T1	0	1	1	0	0	0	-0.61	-0.12	0	0	0	0	0	0
9/19/2023 11:15	13503 MCMI_T2	0	0	0	0	0	0	-0.01	-0.01	0	0	0	0	0	0
9/19/2023 11:18	59003 MIFF_T1	0	1	1	0	0	0	-0.61	-0.12	0	0	0	0	0	0
9/19/2023 11:18	47101 MARL_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9/19/2023 11:19	59001 MIFF_T1	0	1	1	0	0	0	-0.31	-0.06	0	0	0	0	0	0
9/19/2023 11:20	54701 NEBL_T1	2	3	1	0.45	0.3	-0.15	0	0	1	1	0	600	600	0
9/19/2023 11:22	29401 BELT_T1	0	38	38	0	0.17	0.17	0	0	0	1	1	0	900	900
9/19/2023 11:25	61803 EELI_T2	1	1	0	2	2.2	0.2	0	0	0	0	0	0	0	0
9/19/2023 11:25	29401 BELT_T1	0	38	38	0	0.17	0.17	0	0	0	1	1	0	900	900
9/19/2023 11:30	59003 MIFF_T1	0	0	0	0	0	0	-0.06	-0.45	0	0	0	0	0	0
9/19/2023 11:30	13503 MCMI_T2	0	0	0	0	0	0	-0.01	-0.01	0	0	0	0	0	0
9/19/2023 11:31	59001 MIFF_T1	1	3	2	0.8	1.27	0.47	0	0	0	0	0	0	0	0
9/19/2023 11:32	59001 MIFF_T1	1	3	2	0.8	1.27	0.47	0	0	0	0	0	0	0	0
9/19/2023 11:32	59402 RFLD_T2	0	2	2	0	0.35	0.35	-1.22	-1.21	1	1	0	450	450	0
9/19/2023 11:33	44202 POIN_T2	0	0	0	0	0	0	-0.39	-0.44	1	1	0	1200	1200	0
9/19/2023 11:33	44202 POIN_T2	0	0	0	0	0	0	-0.39	-0.44	1	1	0	1200	1200	0
9/19/2023 11:33	54701 NEBL_T1	3	2	-1	0.3	0.5	0.2	0	0	1	1	0	600	600	0
9/19/2023 11:33	47802 MOCA_T2	1	2	1	0.2	0.55	0.35	-1.01	-1	0	0	0	0	0	0
9/19/2023 11:33	59001 MIFF_T1	1	3	2	0.8	1.27	0.47	0	0	0	0	0	0	0	0
9/19/2023 11:34	59003 MIFF_T1	0	0	0	0	0	0	-0.06	-0.45	0	0	0	0	0	0
9/19/2023 11:35	65005 NEFF_T2	1	1	0	0.1	0.1	0	0	0	0	0	0	0	0	0
9/19/2023 11:35	44203 POIN_T2	0	0	0	0	0	0	0.61	0.32	4	4	0	4200	4200	0
9/19/2023 11:35	54701 NEBL_T1	3	2	-1	0.3	0.5	0.2	0	0	1	1	0	600	600	0
9/19/2023 11:35	44203 POIN_T2	0	0	0	0	0	0	0.61	0.32	4	4	0	4200	4200	0
9/19/2023 11:35	59001 MIFF_T1	1	3	2	0.8	1.27	0.47	0	0	0	0	0	0	0	0
9/19/2023 11:36	66504 SMAN_T2	0	0	0	0.1	0	-0.1	0	0	0	0	0	0	0	0
9/19/2023 11:36	44202 POIN_T2	0	0	0	0	0	0	-0.77	-0.88	2	2	0	2400	2400	0
9/19/2023 11:36	47901 HRDG_T1	0	0	0	0	0	0	2.21	1.92	0	0	0	0	0	0
9/19/2023 11:36	44202 POIN_T2	0	0	0	0	0	0	-0.77	-0.88	2	2	0	2400	2400	0
9/19/2023 11:37	65603 QVIL_T2	209	232	23	0.18	0.18	0	0	0	0	0	0	0	0	0
9/19/2023 11:37	64101 REFR_T1	3	3	0	6.5	6.53	0.03	-0.1	-0.07	0	0	0	0	0	0
9/19/2023 11:37	44203 POIN_T2	0	0	0	0	0	0	1.23	0.63	8	8	0	8400	8400	0
9/19/2023 11:37	44302 BEAV_T2	0	5	5	0	0.3	0.3	0	0	0	0	0	0	0	0
9/19/2023 11:37	59402 RFLD_T2	0	2	2	0	0.35	0.35	-2.45	-2.42	2	2	0	900	900	0
9/19/2023 11:38	15001 BLMO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9/19/2023 11:38	24902 WHHA_T1	6	50	44	0.13	0.18	0.05	0	0	0	0	0	0	0	0
9/19/2023 11:38	29402 BELT_T1	1	4	3	0.2	0.43	0.23	0	0	0	0	0	0	0	0
9/19/2023 11:38	66502 SMAN_T2	0	1	1	0	0.2	0.2	0	0	0	0	0	0	0	0
9/19/2023 11:38	44202 POIN_T2	0	0	0	0	0	0	-0.77	-0.88	2	2	0	2400	2400	0
9/19/2023 11:38	54001 SDLE_T1	8	9	1	0.8	0.84	0.04	0	0	0	0	0	0	0	0
9/19/2023 11:39	52401 GRPA_T2	2	2	0	0.15	0.35	0.2	0	0	0	0	0	0	0	0
9/19/2023 11:39	15001 BLMO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9/19/2023 11:39	24901 WHHA_T1	1	4	3	0.6	0.4	-0.2	0.86	0.59	0	0	0	0	0	0
9/19/2023 11:40	65602 QVIL_T2	10	10	0	0.24	0.31	0.07	0	0	0	0	0	0	0	0
9/19/2023 11:40	53601 DALM_T2	1	1	0	1.2	0.6	-0.6	-0.4	-0.23	1	1	0	900	900	0
9/19/2023 11:41	53501 EVIL_T2	1	2	1	0.2	0.3	0.1	-0.19	-0.23	1	1	0	900	900	0
9/19/2023 11:41	46001 BERW_T1	1	0	-1	8.8	0	-8.8	1.01	1.01	0	0	0	0	0	0
9/19/2023 11:41	15001 BLMO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9/19/2023 11:41	65602 QVIL_T2	10	10	0	0.24	0.31	0.07	0	0	0	0	0	0	0	0
9/19/2023 11:42	65601 QVIL_T2	333	340	7	0.39	0.45	0.06	0	0	0	0	0	0	0	0
9/19/2023 11:42	28604 BLYT_T2	0	0	0	0	0	0	-1.36	-1.37	0	0	0	0	0	0
9/19/2023 11:43	53501 EVIL_T2	1	2	1	0.2	0.3	0.1	-0.19	-0.23	1	1	0	900	900	0
9/19/2023 11:44	53501 EVIL_T2	1	2	1	0.2	0.3	0.1	-0.37	-0.46	2	2	0	1800	1800	0
9/19/2023 11:45	45901 AUBU_T1	0	0	0	0	0	0	1.62	1.65	0	0	0	0	0	0
9/19/2023 11:46	45902 AUBU_T1	0	0	0	0	0	0	-0.47	-0.46	1	1	0	600	600	0
9/19/2023 11:46	15001 BLMO_T1	0	1	1	0	0.3	0.3	0	0	0	0	0	0	0	0
9/19/2023 11:47	45902 AUBU_T1	0	0	0	0	0	0	-0.47	-0.46	1	1	0	600	600	0
9/19/2023 11:47	15001 BLMO_T1	0	1	1	0	0.3	0.3	0	0	0	0	0	0	0	0
9/19/2023 11:47	46001 BERW_T1	0	0	0	0	0	0	1.01	1.01	0	0	0	0	0	0
9/19/2023 11:48	45901 AUBU_T1	0	0	0	0	0	0	3.24	3.3	0	0	0	0	0	0
9/19/2023 11:48	53501 EVIL_T2	1	1	0	0.3	0.4	0.1	-0.19	-0.23	1	1	0	900	900	0
9/19/2023 11:49	53501 EVIL_T2	1	1	0	0.3	0.4	0.1	-0.37	-0.46	2	2	0	1800	1800	0
9/19/2023 11:49	52401 GRPA_T2	2	1	-1	0.35	0.2	-0.15	0	0	0	0	0	0	0	0
9/19/2023 11:49	15001 BLMO_T1	0	1	1	0	0.3	0.3	0	0	0	0	0	0	0	0
9/19/2023 11:50	61303 EARL_T1	0	0	0	0	0	0	0.91	0.87	0	0	0	0	0	0
9/19/2023 11:51	41802 GOCI_T2	2	10	8	0.1	0.16	0.06	0	0	0	0	0	0	0	0
9/19/2023 11:51	53501 EVIL_T2	1	1	0	0.3	0.4	0.1	-0.19	-0.23	1	1	0	900	900	0
9/19/2023 11:51	61303 EARL_T1	0	0	0	0	0	0	0.91	0.87	0	0	0	0	0	0
9/19/2023 11:51	23401 HONE_T2	1	0	-1	0.9	0	-0.9	-0.27	-0.22	0	0	0	0	0	0
9/19/2023 11:52	52403 GRPA_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9/19/2023 11:52	47901 HRDG_T1	0	0	0	0	0	0	1.92	1.81	0	0	0	0	0	0
9/19/2023 11:52	40101 HUNT_T2	1	0	-1	0.3	0	-0.3	-0.55	-0.51	0	0	0	0	0	0
9/19/2023 11:53	52402 GRPA_T2	16	13	-3	0.76	0.96	0.2	0	0	0	0	0	0	0	0
9/19/2023 11:53	40101 HUNT_T2	1	0	-1	0.3	0	-0.3	-0.55	-0.51	0	0	0	0	0	0
9/19/2023 11:55	47101 MARL_T1	0	1	1	0	0	0	0	0	0	0	0	0	0	0
9/19/2023 11:56	58401 MORO_T1	0	1	1	0	0.2	0.2	0	0	0	0	0	0	0	0
9/19/2023 11:57	15601 NSTR_T2	3	3	0	0.63	0.93	0.3	0	0	0	0	0	0	0	0
9/19/2023 11:57	67204 TEHI_T2	1	1	0	0.3	0.3	0	-0.06	-0.05	0	0	0	0	0	0
9/19/2023 11:58	58402 MORO_T1	1	1	0	2.6	0	-2.6	-1.93	-2.08	4	4	0	3000	3000	0
9/19/2023 12:00	44301 BEAV_T2	13	7	-6	0.38	0.31	-0.07	0	0	0	0	0	0	0	0
9/19/2023 12:00	67204 TEHI_T2	1	1	0	0.2	0.3	0.1	-0.06	-0.05	0	0	0	0	0	0
9/19/2023 12:01	24901 WHHA_T1	4	2	-2	0.4	0.55	0.15	0.57	0.59	0	0	0	0	0	0
9/19/2023 12:02	54001 SDLE_T1	9	8	-1	0.83	0.99	0.16	0	0	0	0	0	0	0	0
9/19/2023 12:02	28604 BLYT_T2	0	0	0	0	0	0	-1.37	-1.35	0	0	0	0	0	0
9/19/2023 12:02	46001 BERW_T1	0	0	0	0	0	0	1.01	0.97	0	0	0	0	0	0
9/19/2023 12:03	24902 WHHA_T1	49	40	-9	0.17	0.19	0.02	0	0	0	0	0	0	0	0
9/19/2023 12:03	44302 BEAV_T2	5	21	16	0.3	0.4	0.1	0	0	0	0	0	0	0	0
9/19/2023 12:06	41801 GOCI_T2	2	223	221	0.25	0.34	0.09	0	0	0	0	0	0	0	0
9/19/2023 12:07	15603 NSTR_T2	1	4	3	0.5	0.53	0.03	-0.37	-0.57	0	0	0	0	0	0
9/19/2023 12:07	45003 LIME_2	1	1	0	2.9	3.8	0.9	0	0	1	1	0	1200	1200	0
9/19/2023 12:09	45002 LIME_2	0	1	1	0	0.6	0.6	0	0	0	0	0	0	0	0
9/19/2023 12:15	15001 BLMO_T1	1	3	2	0.3	0.3	0	0	0	0	0	0	0	0	0
9/19/2023 12:15	59202 THOM_T1	8	9	1	0.44	0.44	0	0	0	0	0	0	0	0	0
9/19/2023 12:16	15001 BLMO_T1	1	3	2	0.3	0.3	0	0	0	0	0	0	0	0	0
9/19/2023 12:17	46001 BERW_T1	0	0	0	0	0	0	0.97	0.93	0	0	0	0	0	0
9/19/2023 12:17	15001 BLMO_T1	1	3	2	0.3	0.3	0	0	0	0	0	0	0	0	0
9/19/2023 12:18	45303 WBER_T2	32	25	-7	0.5	0.47	-0.03	-1.56	-1.49	0	0	0	0	0	0
9/19/2023 12:18	15001 BLMO_T1	1	3	2	0.3	0.3	0	0	0	0	0	0	0	0	0
9/19/2023 12:21	45303 WBER_T2	32	25	-7	0.5	0.47	-0.03	-0.78	-0.74	0	0	0	0	0	0
9/19/2023 12:24	59301 MCAL_T1	6	3	-3	0.38	0.27	-0.11	-0.94	-0.94	0	0	0	0	0	0
9/19/2023 12:24	58402 MORO_T1	0	0	0	0	0	0	-1.04	-1.04	2	2	0	1500	1500	0
9/19/2023 12:25	58401 MORO_T1	1	0	-1	0.2	0	-0.2	0	0	0	0	0	0	0	0
9/19/2023 12:27	58401 MORO_T1	1	0	-1	0.2	0	-0.2	0	0	0	0	0	0	0	0
9/19/2023 12:28	14801 TREI_T2	3	66	63	0.4	0.22	-0.18	0.44	0.47	0	0	0	0	0	0
9/19/2023 12:28	60502 NMAN_T2	0	0	0	0	0	0	-0.01	-0.03	0	0	0	0	0	0
9/19/2023 12:29	24901 WHHA_T1	2	10	8	0.35	0.32	-0.03	0.61	0.57	0	0	0	0	0	0
9/19/2023 12:29	64101 REFR_T1	3	3	0	6.27	6.2	-0.07	-0.07	-0.07	0	0	0	0	0	0
9/19/2023 12:30	15001 BLMO_T1	3	2	-1	0.3	0.5	0.2	0	0	0	0	0	0	0	0
9/19/2023 12:31	15001 BLMO_T1	3	2	-1	0.3	0.5	0.2	0	0	0	0	0	0	0	0
9/19/2023 12:31	24901 WHHA_T1	1	12	11	0.9	0.28	-0.62	0.61	0.57	0	0	0	0	0	0
9/19/2023 12:32	11104 EGYP_T1	0	0	0	0	0	0	0.64	0.65	0	0	0	0	0	0
9/19/2023 12:33	15001 BLMO_T1	3	2	-1	0.3	0.5	0.2	0	0	0	0	0	0	0	0
9/19/2023 12:34	15001 BLMO_T1	3	2	-1	0.3	0.5	0.2	0	0	0	0	0	0	0	0
9/19/2023 12:39	13503 MCMI_T2	1	0	-1	0.1	0	-0.1	-0.01	-0.01	0	0	0	0	0	0
9/19/2023 12:45	66501 SMAN_T2	0	2	2	0	0.4	0.4	0	0	0	0	0	0	0	0
9/19/2023 12:46	65902 SAKR_T2	0	0	0	0	0	0	0	0	1	1	0	300	300	0
9/19/2023 12:48	61303 EARL_T1	0	0	0	0	0	0	0.83	0.96	0	0	0	0	0	0
9/19/2023 12:49	61303 EARL_T1	0	0	0	0	0	0	0.83	0.96	0	0	0	0	0	0
9/19/2023 12:49	47901 HRDG_T1	0	0	0	0	0	0	1.79	1.81	0	0	0	0	0	0
9/19/2023 12:51	52403 GRPA_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9/19/2023 12:51	45003 LIME_2	1	1	0	3	2	-1	0	0	1	1	0	1200	1200	0
9/19/2023 12:51	64301 LINC_T1	0	0	0	0	0	0	0.26	0.29	1	1	0	600	600	0
9/19/2023 12:52	52403 GRPA_T2	3	7	4	0.53	0.61	0.08	0.1	0.11	0	0	0	0	0	0
9/19/2023 12:53	52403 GRPA_T2	3	7	4	0.53	0.61	0.08	0.1	0.11	0	0	0	0	0	0
9/19/2023 12:55	45003 LIME_2	1	1	0	3	2	-1	0	0	1	1	0	1200	1200	0
9/19/2023 13:02	28604 BLYT_T2	0	0	0	0	0	0	-1.35	-1.34	0	0	0	0	0	0
9/19/2023 13:04	53601 DALM_T2	1	1	0	0.5	0.7	0.2	-0.29	-0.26	1	1	0	900	900	0
9/19/2023 13:06	52403 GRPA_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9/19/2023 13:13	65604 QVIL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9/19/2023 13:13	54701 NEBL_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9/19/2023 13:25	53601 DALM_T2	1	1	0	0.7	0.4	-0.3	-0.26	-0.24	1	1	0	900	900	0
9/19/2023 13:27	59402 RFLD_T2	0	0	0	0	0	0	-3.66	-3.65	3	3	0	1350	1350	0
9/19/2023 13:28	54701 NEBL_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9/19/2023 13:30	45901 AUBU_T1	0	0	0	0	0	0	1.77	1.84	0	0	0	0	0	0
9/19/2023 13:31	45902 AUBU_T1	0	0	0	0	0	0	-0.38	-0.46	1	1	0	600	600	0
9/19/2023 13:32	45901 AUBU_T1	0	0	0	0	0	0	1.77	1.84	0	0	0	0	0	0
9/19/2023 13:33	45901 AUBU_T1	0	0	0	0	0	0	1.77	1.84	0	0	0	0	0	0
9/19/2023 13:35	41802 GOCI_T2	0	12	12	0	0.17	0.17	0	0	0	0	0	0	0	0
9/19/2023 13:36	52403 GRPA_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9/19/2023 13:42	13503 MCMI_T2	0	0	0	0	0	0	-0.01	-0.01	0	0	0	0	0	0
9/19/2023 13:43	58402 MORO_T1	1	0	-1	0.1	0	-0.1	-1.01	-0.92	2	2	0	1500	1500	0
9/19/2023 13:43	53601 DALM_T2	1	1	0	0.4	0.4	0	-0.21	-0.26	1	1	0	900	900	0
9/19/2023 13:43	54701 NEBL_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9/19/2023 13:47	15001 BLMO_T1	2	1	-1	0.3	0.1	-0.2

9/19/2023 14:18	61304 EARL_T1	0	1	1	0	0.2	0.2	0	0	0	0	0	0	0	0
9/19/2023 14:19	53601 DALM_T2	1	1	0	0.8	0.8	0	-0.22	-0.2	1	1	0	900	900	0
9/19/2023 14:19	67502 WEWI_T2	0	2	2	0	0.3	0.3	0	0	0	0	0	0	0	0
9/19/2023 14:19	45902 AUBU_T1	0	0	0	0	0	0	-0.49	-0.5	1	1	0	600	600	0
9/19/2023 14:19	53501 EVIL_T2	1	1	0	0.1	0.8	0.7	-0.06	-0.18	1	1	0	900	900	0
9/19/2023 14:19	46001 BERW_T1	0	0	0	0	0	0	1.36	1	0	0	0	0	0	0
9/19/2023 14:20	17804 GILB_T2	2	1	-1	0.3	0.1	-0.2	0	0	0	0	0	0	0	0
9/19/2023 14:20	44301 BEAV_T2	8	9	1	0.36	0.28	-0.08	-0.33	-1	2	2	0	1500	1500	0
9/19/2023 14:21	26401 INOR_T1	0	0	0	0	0	0	0.86	0.8	0	0	0	0	0	0
9/19/2023 14:22	53501 EVIL_T2	1	1	0	0.1	0.8	0.7	-0.06	-0.18	1	1	0	900	900	0
9/19/2023 14:22	64301 LINC_T1	0	0	0	0	0	0	0.18	0.19	1	1	0	600	600	0
9/19/2023 14:22	17804 GILB_T2	2	1	-1	0.3	0.1	-0.2	0	0	0	0	0	0	0	0
9/19/2023 14:23	23401 HONE_T2	1	0	-1	10	0	-10	-0.13	-0.23	0	0	0	0	0	0
9/19/2023 14:23	46503 LOHA_T1	0	1	1	0	0.2	0.2	0	0	0	0	0	0	0	0
9/19/2023 14:23	17804 GILB_T2	2	1	-1	0.3	0.1	-0.2	-0.53	-0.54	0	0	0	0	0	0
9/19/2023 14:24	42902 MIDD_T2	4	4	0	0.2	0.68	0.48	0.45	0.41	0	0	0	0	0	0
9/19/2023 14:24	47901 HRDG_T1	0	0	0	0	0	0	1.97	1.99	0	0	0	0	0	0
9/19/2023 14:25	59301 MCAL_T1	3	2	-1	0.43	0.55	0.12	-1.56	-1.57	1	1	0	600	600	0
9/19/2023 14:26	54701 NEBL_T1	2	6	4	0.35	0.18	-0.17	0	0	2	2	0	1200	1200	0
9/19/2023 14:27	59402 RFLD_T2	0	1	1	0	0.4	0.4	-1.21	-1.23	1	1	0	450	450	0
9/19/2023 14:28	58402 MORO_T1	0	0	0	0	0	0	-0.97	-0.96	2	2	0	1500	1500	0
9/19/2023 14:29	66701 STRA_T1	1	1	0	0.4	0.9	0.5	0	0	0	0	0	0	0	0
9/19/2023 14:29	20401 ASHF_T2	1	0	-1	0.1	0	-0.1	0	0	0	0	0	0	0	0
9/19/2023 14:29	67401 WAKE_T2	5	5	0	0.42	0.38	-0.04	-0.99	-1.02	0	0	0	0	0	0
9/19/2023 14:29	59101 WALK_T2	2	2	0	0.8	0.9	0.1	4.3	3.93	0	0	0	0	0	0
9/19/2023 14:29	59402 RFLD_T2	0	1	1	0	0.4	0.4	-1.21	-1.23	1	1	0	450	450	0
9/19/2023 14:30	59402 RFLD_T2	1	2	1	0.4	0.45	0.05	-1.21	-1.23	1	1	0	450	450	0
9/19/2023 14:30	59101 WALK_T2	2	2	0	0.9	0.3	-0.6	2.15	1.97	0	0	0	0	0	0
9/19/2023 14:30	66505 SMAN_T2	0	0	0	0	0	0	1.67	1.91	2	2	0	1800	1800	0
9/19/2023 14:31	20403 ASHF_T2	0	3	3	0	0.67	0.67	1.19	1.22	0	0	0	0	0	0
9/19/2023 14:31	54001 SDLE_T1	8	8	0	0.66	0.79	0.13	0	0	0	0	0	0	0	0
9/19/2023 14:32	59101 WALK_T2	2	2	0	0.9	0.3	-0.6	2.15	1.97	0	0	0	0	0	0
9/19/2023 14:32	46005 BERW_T1	0	1	1	0	0.2	0.2	0	0	0	0	0	0	0	0
9/19/2023 14:32	44302 BEAV_T2	32	16	-16	0.2	0.26	0.06	0.34	0.3	0	0	0	0	0	0
9/19/2023 14:33	61302 EARL_T1	0	1	1	0	0.2	0.2	0	0	0	0	0	0	0	0
9/19/2023 14:33	28602 BLYT_T2	1	1	0	0.4	0.1	-0.3	0	0	0	0	0	0	0	0
9/19/2023 14:33	59101 WALK_T2	2	2	0	0.9	0.3	-0.6	2.15	1.97	0	0	0	0	0	0
9/19/2023 14:34	61303 EARL_T1	1	0	-1	0.1	0	-0.1	0.76	0.41	0	0	0	0	0	0
9/19/2023 14:34	61304 EARL_T1	1	0	-1	0.2	0	-0.2	0	0	0	0	0	0	0	0
9/19/2023 14:34	53601 DALM_T2	1	1	0	0.4	1.3	0.9	-0.2	-0.26	1	1	0	900	900	0
9/19/2023 14:34	46005 BERW_T1	0	1	1	0	0.2	0.2	0	0	0	0	0	0	0	0
9/19/2023 14:36	46503 LOHA_T1	1	0	-1	0.3	0	-0.3	0	0	0	0	0	0	0	0
9/19/2023 14:36	17805 GILB_T2	0	0	0	0	0	0	0.13	0.18	0	0	0	0	0	0
9/19/2023 14:36	23401 HONE_T2	0	0	0	0	0	0	-0.23	-0.29	0	0	0	0	0	0
9/19/2023 14:37	52403 GRPA_T2	6	5	-1	0.42	0.7	0.28	0.07	0.06	0	0	0	0	0	0
9/19/2023 14:37	12202 FOGE_T2	1	2	1	0.8	0.45	-0.35	0	0	0	0	0	0	0	0
9/19/2023 14:38	59001 MIFF_T1	0	1	1	0	1	1	0	0	0	0	0	0	0	0
9/19/2023 14:38	63203 MGTN_T1	0	0	0	0	0	0	-0.64	-0.63	2	2	0	1200	1200	0
9/19/2023 14:38	17804 GILB_T2	1	1	0	0.1	0.5	0.4	0	0	0	0	0	0	0	0
9/19/2023 14:39	59001 MIFF_T1	0	1	1	0	1	1	0	0	0	0	0	0	0	0
9/19/2023 14:40	46504 LOHA_T1	30	2	-28	0.23	1	0.77	0	0	0	0	0	0	0	0
9/19/2023 14:40	13503 MCMI_T2	0	0	0	0	0	0	-0.01	-0.01	0	0	0	0	0	0
9/19/2023 14:40	63404 HONY_T1	2	2	0	7.6	7.55	-0.05	0	0	0	0	0	0	0	0
9/19/2023 14:40	42902 MIDD_T2	4	3	-1	0.3	0.63	0.33	0.41	0.34	0	0	0	0	0	0
9/19/2023 14:41	54701 NEBL_T1	4	5	1	0.23	0.24	0.01	0	0	2	2	0	1200	1200	0
9/19/2023 14:41	59002 MIFF_T2	0	4	4	0	0.1	0.1	0	0	0	0	0	0	0	0
9/19/2023 14:42	52402 GRPA_T2	7	5	-2	0.61	1.08	0.47	0	0	0	0	0	0	0	0
9/19/2023 14:42	59402 RFLD_T2	1	2	1	0.4	0.45	0.05	-1.23	-1.26	1	1	0	450	450	0
9/19/2023 14:42	65602 QVIL_T2	6	9	3	0.22	0.29	0.07	0	0	0	0	0	0	0	0
9/19/2023 14:42	54001 SDLE_T1	8	8	0	0.66	0.79	0.13	0	0	0	0	0	0	0	0
9/19/2023 14:42	64301 LINC_T1	0	0	0	0	0	0	0.21	0.22	1	1	0	600	600	0
9/19/2023 14:43	59101 WALK_T2	2	2	0	0.9	0.3	-0.6	1.97	1.68	0	0	0	0	0	0
9/19/2023 14:44	65601 QVIL_T2	248	337	89	0.25	0.45	0.2	0	0	0	0	0	0	0	0
9/19/2023 14:44	58402 MORO_T1	0	0	0	0	0	0	-0.96	-0.95	2	2	0	1500	1500	0
9/19/2023 14:44	59101 WALK_T2	2	2	0	0.9	0.3	-0.6	1.97	1.68	0	0	0	0	0	0
9/19/2023 14:44	65001 NEFF_T2	0	0	0	0	0	0	-0.18	-0.19	1	1	0	1200	1200	0
9/19/2023 14:44	46302 ROHR_T1	5	3	-2	1.38	2.03	0.65	0	0	0	0	0	0	0	0
9/19/2023 14:44	17804 GILB_T2	1	1	0	0.1	0.5	0.4	-0.52	-0.54	0	0	0	0	0	0
9/19/2023 14:44	20403 ASHF_T2	0	3	3	0	0.67	0.67	1.22	0.94	0	0	0	0	0	0
9/19/2023 14:45	45902 AUBU_T1	0	0	0	0	0	0	-0.54	-0.55	1	1	0	600	600	0
9/19/2023 14:45	67502 WEWI_T2	2	0	-2	0.3	0	-0.3	-0.09	-0.03	0	0	0	0	0	0
9/19/2023 14:45	67502 WEWI_T2	2	0	-2	0.3	0	-0.3	-0.09	-0.03	0	0	0	0	0	0
9/19/2023 14:45	59402 RFLD_T2	1	2	1	0.4	0.45	0.05	-1.23	-1.26	1	1	0	450	450	0
9/19/2023 14:45	66505 SMAN_T2	0	0	0	0	0	0	0.96	0.95	1	1	0	900	900	0
9/19/2023 14:45	59101 WALK_T2	2	4	2	0.2	0.17	-0.03	1.97	1.68	0	0	0	0	0	0
9/19/2023 14:46	26001 WDAM_T1	0	0	0	0	0	0	-0.72	-0.72	0	0	0	0	0	0
9/19/2023 14:46	20403 ASHF_T2	1	5	4	0.1	0.58	0.48	1.22	0.94	0	0	0	0	0	0
9/19/2023 14:46	59402 RFLD_T2	1	2	1	0.4	0.45	0.05	-1.23	-1.26	1	1	0	450	450	0
9/19/2023 14:46	44302 BEAV_T2	16	3	-13	0.26	0.27	0.01	0	0	0	0	0	0	0	0
9/19/2023 14:46	59101 WALK_T2	2	4	2	0.2	0.17	-0.03	1.97	1.68	0	0	0	0	0	0
9/19/2023 14:47	28602 BLYT_T2	1	1	0	0.1	0.1	0	0	0	0	0	0	0	0	0
9/19/2023 14:47	15001 BLMO_T1	0	1	1	0	0.4	0.4	0	0	0	0	0	0	0	0
9/19/2023 14:47	67502 WEWI_T2	2	0	-2	0.3	0	-0.3	-0.19	-0.06	0	0	0	0	0	0
9/19/2023 14:47	53501 EVIL_T2	1	2	1	0.8	0.5	-0.3	-0.37	-0.37	1	1	0	900	900	0
9/19/2023 14:48	15001 BLMO_T1	0	1	1	0	0.4	0.4	0	0	0	0	0	0	0	0
9/19/2023 14:48	67502 WEWI_T2	2	0	-2	0.3	0	-0.3	0	0	0	0	0	0	0	0
9/19/2023 14:48	53501 EVIL_T2	1	2	1	0.8	0.5	-0.3	-0.37	-0.37	1	1	0	900	900	0
9/19/2023 14:50	46001 BERW_T1	0	0	0	0	0	0	1.02	1	0	0	0	0	0	0
9/19/2023 14:50	15001 BLMO_T1	0	1	1	0	0.4	0.4	0	0	0	0	0	0	0	0
9/19/2023 14:50	53601 DALM_T2	1	1	0	0.8	1.3	0.5	-0.26	-0.35	1	1	0	900	900	0
9/19/2023 14:50	53501 EVIL_T2	1	2	1	0.8	0.5	-0.3	-0.37	-0.37	1	1	0	900	900	0
9/19/2023 14:50	10805 CHHI_T2	1	1	0	7.9	7.6	-0.3	-1.36	-1.32	2	2	0	1800	1800	0
9/19/2023 14:51	40101 HUNT_T2	0	0	0	0	0	0	-0.58	-0.49	0	0	0	0	0	0
9/19/2023 14:51	15001 BLMO_T1	0	1	1	0	0.4	0.4	0	0	0	0	0	0	0	0
9/19/2023 14:52	53901 HALI_T2	2	3	1	0.3	0.4	0.1	0	0	0	0	0	0	0	0
9/19/2023 14:53	46503 LOHA_T1	1	0	-1	0.2	0	-0.2	-0.6	-0.59	0	0	0	0	0	0
9/19/2023 14:54	41801 GOCI_T2	3	186	183	0.13	0.32	0.19	0	0	0	0	0	0	0	0
9/19/2023 14:56	46503 LOHA_T1	1	0	-1	0.2	0	-0.2	-0.59	-0.6	0	0	0	0	0	0
9/19/2023 14:56	64101 REFR_T1	3	3	0	6.43	6.67	0.24	-0.03	-0.06	0	0	0	0	0	0
9/19/2023 14:56	42902 MIDD_T2	3	1	-2	0.63	0.1	-0.53	0.31	-0.13	0	0	0	0	0	0
9/19/2023 14:56	58402 MORO_T1	1	0	-1	0.4	0	-0.4	-0.95	-0.95	2	2	0	1500	1500	0
9/19/2023 14:59	67204 TEHI_T2	0	1	1	0	0.2	0.2	-0.05	-0.03	0	0	0	0	0	0
9/19/2023 15:00	66703 STRA_T1	0	0	0	0	0	0	0.06	0.03	0	0	0	0	0	0
9/19/2023 15:01	56803 BENV_T1	3	1	-2	0.43	1.1	0.67	0.39	0.47	0	0	0	0	0	0
9/19/2023 15:01	67401 WAKE_T2	6	6	0	0.5	0.4	-0.1	-1.06	-0.98	0	0	0	0	0	0
9/19/2023 15:01	67204 TEHI_T2	0	1	1	0	0.2	0.2	-0.05	-0.03	0	0	0	0	0	0
9/19/2023 15:02	46001 BERW_T1	0	0	0	0	0	0	-1	1.04	0	0	0	0	0	0
9/19/2023 15:04	61303 EARL_T1	0	0	0	0	0	0	0.57	0.3	0	0	0	0	0	0
9/19/2023 15:05	61303 EARL_T1	0	0	0	0	0	0	0.57	0.3	0	0	0	0	0	0
9/19/2023 15:07	59301 MCAL_T1	2	3	1	0.65	0.6	-0.05	-1.62	-1.58	1	1	0	600	600	0
9/19/2023 15:09	63201 MGTN_T2	0	0	0	0	0	0	1.54	1.47	2	2	0	1200	1200	0
9/19/2023 15:12	63201 MGTN_T2	0	0	0	0	0	0	0.74	0.82	1	1	0	600	600	0
9/19/2023 15:14	64303 LINC_T1	0	0	0	0	0	0	-0.06	-0.06	0	0	0	0	0	0
9/19/2023 15:15	42201 SHEN_T2	1	1	0	0.2	0.2	0	0.16	0.15	1	1	0	600	600	0
9/19/2023 15:16	66701 STRA_T1	1	1	0	0.3	0.1	-0.2	0	0	0	0	0	0	0	0
9/19/2023 15:16	45902 AUBU_T1	0	0	0	0	0	0	-0.54	-0.59	1	1	0	600	600	0
9/19/2023 15:17	58402 MORO_T1	0	0	0	0	0	0	-0.95	-1	2	2	0	1500	1500	0
9/19/2023 15:18	56802 BENV_T2	25	18	-7	0.32	0.48	0.16	-1.14	-1.08	0	0	0	0	0	0
9/19/2023 15:22	47901 HRDG_T1	0	0	0	0	0	0	2.19	1.88	0	0	0	0	0	0
9/19/2023 15:24	64702 LITI_T2	0	0	0	0	0	0	-0.29	-0.29	0	0	0	0	0	0
9/19/2023 15:25	64702 LITI_T2	0	0	0	0	0	0	-0.29	-0.29	0	0	0	0	0	0
9/19/2023 15:28	66505 SMAN_T2	0	0	0	0	0	0	0.8	0.92	1	1	0	900	900	0
9/19/2023 15:29	43301 WATS_T2	3	1	-2	1.1	0.8	-0.3	0.45	0.49	0	0	0	0	0	0
9/19/2023 15:30	49804 UNIV_T1	0	0	0	0	0	0	1.44	1.34	0	0	0	0	0	0
9/19/2023 15:31	43301 WATS_T2	1	1	0	0.6	0.8	0.2	0	0	0	0	0	0	0	0
9/19/2023 15:32	43304 WATS_T2	0	0	0	0	0	0	-0.76	-0.68	0	0	0	0	0	0
9/19/2023 15:32	28604 BLYT_T2	0	0	0	0	0	0	-1.33	-1.31	0	0	0	0	0	0
9/19/2023 15:36	53903 HALI_T2	3	6	3	1.17	0.73	-0.44	-0.06	-0.06	0	0	0	0	0	0
9/19/2023 15:42	66701 STRA_T1	1	0	-1	0.1	0	-0.1	0	0	0	0	0	0	0	0
9/19/2023 15:47	61301 EARL_T1	0	0	0	0	0	0	-0.44	-0.41	1	1	0	900	900	0
9/19/2023 15:48	45902 AUBU_T1	0	0	0	0	0	0	-0.56	-0.6	1	1	0	600	600	0
9/19/2023 15:53	47101 MARL_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9/19/2023 15:57	56501 ROCK_T2	3	3	0	0.43	0.5	0.07	-0.06	-0.09	0	0	0	0	0	0
9/19/2023 16:07	52403 GRPA_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9/19/2023 16:20	40101 HUNT_T2	0	0	0	0	0	0	-0.5	-0.48	0	0	0	0	0	0
9/19/2023 16:22	40902 JESH_T1	0	0	0	0	0	0	-0.53	-0.5	0	0	0	0	0	0
9/19/2023 16:23	53903 HALI_T2	3	2	-1	0.93	1.45	0.52	-0.08	-0.06	0	0	0	0	0	0
9/19/2023 16:24	40902 JESH_T1	0	0	0	0	0	0	-0.53	-0.5	0	0	0	0	0	0
9/19/2023 16:26	23401 HONE_T2	1	1	0	0.5	0.1	-0.4	-0.19	-0.21	0	0	0	0	0	0
9/19/2023 16:37	26401 INOR_T1	21	34	13	0.13	0.16	0.03	0.82	0.69	0	0	0	0	0	0
9/19/2023 16:45	45902 AUBU_T1	0	1	1	0	0	0	-0.62	-0.65	1	1	0	600	600	0
9/19/2023 16:47	45901 AUBU_T1	0	0	0	0	0	0	1.59	1.58	0	0	0	0	0	0
9/19/2023 16:48	44301 BEAV_T2	1	2	1	0.2	0.2	0	0	0	0	0	0	0	0	0
9/19/2023 16:49	45901 AUBU_T1	0	0	0	0	0	0	3.18	3.16	0	0	0	0	0	0
9/19/2023 16:49	46501 LOHA_T1	1	1	0	0.2	0.2	0	-0.39	-0.41	1	1	0	1200	1200	0
9/19/2023 16:52	40101 HUNT_T2	0	0	0	0	0	0	-0.45	-0.47	0	0	0	0	0	0
9/19/2023 17:01	65902 SAKR_T2	0	0	0	0	0	0	0	0	1	1	0	300	300	0
9/19/2023 17:47	44302 BEAV_T2	150	244	94	0.35	0.45	0.1	0.3	0.3	0	0	0	0	0	0
9/19/2023 18:16	43402 BENT_T1	0	0	0	0	0	0	-0.93	-0.92	1	1	0	900	900	0
9/19/2023 20:02	65604 QVIL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9/19/2023 20:09	56802 BENV_T2	2	58	56	0.2	0.16	-0.04	-0.64	-0.68	0	0	0	0	0	0
9/19/2023 20:11	56802 BENV_T2	2	58	56	0.2	0.16	-0.04	-0.68	-0.66	0	0	0	0	0	0
9/19/2023 20:14	54701 NEBL_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9/19/2023 20:15	56802 BENV_T2	5	166	161	0.28	0.26	-0.02	-0.68	-0.66	0	0	0	0	0	0
9/19/2023 20:17	59402 RFLD_T2	85	124	39	0.47	0.47	0	-1.26	-1.26	1	1	0	450	450	0
9/19/2023 20:18	45802 HEGI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9/19/2023 20:18	60801 BUCK_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9/19/2023 20:22	52403 GRPA_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9/19/2023 20:54	46302 ROHR_T1	4	4	0	1.33	1.25	-0.08	0.18	0.16	0	0	0	0	0	0
9/19/2023 20:54	44801 EDAN_T2	1	2	1	0.9	1.1	0.2	0	0	0	0	0	0	0	0
9/19/2023 20:55	63201 MGTN_T2	0	0	0	0	0	0	0.48	0.47	1	1	0	600	600	0
9/19/2023 20:57	44802 EDAN_T2	0	0	0	0	0	0	-1.66	-1.58	0	0	0	0	0	0
9/19/2023 20:59	56802 BENV_T2	164	166	2	0.26	0.25	-0.01	-0.66	-0.59	0	0	0	0	0	0
9/19/2023 20:59	26401 INOR_T1	0	42	42	0	0.21	0.21	0.25	0.23	0	0	0	0	0	0
9/19/2023 20:59	44502 HAMI_T2	1	1	0	3.3	3.4	0.1	-0.2	-0.25	0	0	0	0	0	0
9/19/2023 21:00	63201 MGTN_T2	0	0	0	0	0	0	0.47	0.43	1	1	0	600	600	0
9/19/2023 21:01	65602 QVIL_T2	0	5	5	0	0.16	0.16	0	0	0	0	0	0	0	0
9/19/2023 21:02	44203 POIN_T2	0	0	0	0	0	0	-0.74	-0.7	2	2	0	2100	2100	0
9/19/2023 21:02	61304 EARL_T1	0	3	3	0	0.1	0.1	0	0	0	0	0	0	0	0
9/19/2023 21:03	15603 NSTR_T2	4	4	0	0.1	0.18	0.08	-0.6	-0.55	0	0	0	0	0	0
9/19/2023 21:03	29401 IELT_T1	99	138	39	0.4	0.39	-0.01	0	0	0	0	0	0	0	0
9/19/2023 21:03	10805 CHHI_T2	1	1	0	8.2	7.9	-0.3	-0.69	-0.74	1	1	0	600	600	0
9/19/2023 21:03	46504 LOHA_T1	2	29	27	0.4	0.24	-0.16	0	0	0	0	0	0	0	0
9/19/2023 21:03	17804 GILB_T2	1	14	13	0.1	0.12	0.02	0	0	0	0	0	0	0	0
9/19/2023 21:04	65602 QVIL_T2	0	5	5	0	0.16	0.16	0	0	0	0	0	0	0	0
9/19/2023 21:04	24105 EHAZ_T1	4	4	0	5.7	5.65	-0.05	0	0	0	0	0	0	0	0
9/19/2023 21:04	44301 BEAV_T2	5	6	1	0.42	0.47	0.05	-0

9/19/2023 21:11	53501 EVIL_T2	0	0	0	0	0	0	-0.54	-0.48	0	0	0	0	0	0
9/19/2023 21:11	56803 BENV_T1	7	7	0	0.13	0.17	0.04	0	0	0	0	0	0	0	0
9/19/2023 21:11	53903 HALI_T2	2	2	0	1	0.8	-0.2	-0.18	-0.18	0	0	0	0	0	0
9/19/2023 21:11	52004 LING_T2	0	0	0	0	0	0	0.18	0.13	0	0	0	0	0	0
9/19/2023 21:11	28403 HART_T2	0	0	0	0	0	0	-0.62	-0.61	1	1	0	900	900	0
9/19/2023 21:11	44203 POIN_T2	0	0	0	0	0	0	-0.7	-0.85	2	2	0	2100	2100	0
9/19/2023 21:11	56802 BENV_T2	138	159	21	0.23	0.24	0.01	-0.59	-0.67	0	0	0	0	0	0
9/19/2023 21:11	49804 UNIV_T1	0	0	0	0	0	0	0.54	0.54	0	0	0	0	0	0
9/19/2023 21:12	44203 POIN_T2	0	0	0	0	0	0	-0.7	-0.85	2	2	0	2100	2100	0
9/19/2023 21:12	61304 EARL_T1	0	3	3	0	0.1	0.1	0	0	0	0	0	0	0	0
9/19/2023 21:12	45902 AUBU_T1	1	0	-1	0.1	0	-0.1	0	0	0	0	0	0	0	0
9/19/2023 21:12	12701 MACU_T1	0	0	0	0	0	0	0.05	0.06	0	0	0	0	0	0
9/19/2023 21:12	64702 LITI_T2	0	0	0	0	0	0	-0.6	-0.66	0	0	0	0	0	0
9/19/2023 21:12	28403 HART_T2	0	0	0	0	0	0	-0.62	-0.61	1	1	0	900	900	0
9/19/2023 21:12	64301 LINC_T1	0	0	0	0	0	0	0.33	0.29	0	0	0	0	0	0
9/19/2023 21:12	43301 WATS_T2	1	1	0	1.2	1.1	-0.1	0	0	0	0	0	0	0	0
9/19/2023 21:12	67204 TEHI_T2	6	11	5	0.1	0.1	0	0.07	0.06	0	0	0	0	0	0
9/19/2023 21:12	60101 COCA_T1	0	0	0	0	0	0	0.3	0.27	0	0	0	0	0	0
9/19/2023 21:12	42701 AUGU_T1	0	0	0	0	0	0	0	0	1	1	0	600	600	0
9/19/2023 21:12	58402 MORO_T1	0	0	0	0	0	0	-0.41	-0.43	2	1	-1	1500	600	-900
9/19/2023 21:12	65001 NEFF_T2	0	0	0	0	0	0	-0.84	-0.76	1	1	0	1200	1200	0
9/19/2023 21:13	59102 WALK_T2	0	21	21	0	0.13	0.13	0	0	0	0	0	0	0	0
9/19/2023 21:13	65602 QVIL_T2	0	5	5	0	0.16	0.16	0	0	0	0	0	0	0	0
9/19/2023 21:13	59402 RFLD_T2	140	178	38	0.52	0.57	0.05	-1.27	-1.29	1	1	0	450	450	0
9/19/2023 21:13	43302 WATS_T2	0	2	2	0	0.1	0.1	0	0	0	0	0	0	0	0
9/19/2023 21:13	40902 JESH_T1	0	0	0	0	0	0	-0.82	-0.85	0	0	0	0	0	0
9/19/2023 21:13	59001 MIFF_T1	2	10	8	0.1	0.15	0.05	0	0	0	0	0	0	0	0
9/19/2023 21:13	64801 MONE_T2	0	2	2	0	0.4	0.4	0.24	0.23	0	0	0	0	0	0
9/19/2023 21:13	53501 EVIL_T2	0	0	0	0	0	0	-0.27	-0.24	0	0	0	0	0	0
9/19/2023 21:13	60803 BUCK_T1	9	26	17	0.22	0.31	0.09	-0.87	-0.88	1	1	0	600	600	0
9/19/2023 21:13	46302 ROHR_T1	4	4	0	1.2	1.28	0.08	0	0	0	0	0	0	0	0
9/19/2023 21:13	46001 BERW_T1	0	0	0	0	0	0	0.89	0.88	0	0	0	0	0	0
9/19/2023 21:13	67401 WAKE_T2	0	21	21	0	0.14	0.14	-0.85	-0.85	0	0	0	0	0	0
9/19/2023 21:14	46803 HEPB_T2	1	2	1	0.1	0.15	0.05	0	0	0	0	0	0	0	0
9/19/2023 21:14	59102 WALK_T2	0	21	21	0	0.13	0.13	0	0	0	0	0	0	0	0
9/19/2023 21:14	13701 SCHN_T2	0	2	2	0	0.1	0.1	0	0	0	0	0	0	0	0
9/19/2023 21:14	56803 BENV_T1	7	7	0	0.13	0.17	0.04	0	0	0	0	0	0	0	0
9/19/2023 21:14	63404 HONY_T1	30	109	79	0.74	0.36	-0.38	0	0	0	0	0	0	0	0
9/19/2023 21:14	42903 MIDD_T2	2	53	51	2.25	0.3	-1.95	0	0	0	0	0	0	0	0
9/19/2023 21:14	62607 ENGL_T1	0	60	60	0	0.14	0.14	0	0	0	0	0	0	0	0
9/19/2023 21:14	46501 LOHA_T1	1	1	0	0.9	1.1	0.2	0	0	0	0	0	0	0	0
9/19/2023 21:14	46203 DANV_T2	0	0	0	0	0	0	-0.06	-0.1	0	0	0	0	0	0
9/19/2023 21:14	15001 BLMO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9/19/2023 21:14	45303 WBER_T2	8	8	0	0.91	0.99	0.08	-0.94	-0.93	0	0	0	0	0	0
9/19/2023 21:14	42701 AUGU_T1	0	0	0	0	0	0	0	0	1	1	0	600	600	0
9/19/2023 21:14	40101 HUNT_T2	0	0	0	0	0	0	-0.59	-0.64	0	0	0	0	0	0
9/19/2023 21:14	66505 SMAN_T2	3	3	0	0.33	0.5	0.17	0	0.05	1	1	0	900	900	0
9/19/2023 21:14	56802 BENV_T2	138	159	21	0.23	0.24	0.01	-0.59	-0.67	0	0	0	0	0	0
9/19/2023 21:14	23401 HONE_T2	0	0	0	0	0	0	0.28	0.2	0	0	0	0	0	0
9/19/2023 21:15	26603 BROO_T1	0	0	0	0	0	0	0.28	0.28	0	0	0	0	0	0
9/19/2023 21:15	56802 BENV_T2	137	221	84	0.25	0.43	0.18	-1.18	-1.33	0	0	0	0	0	0
9/19/2023 21:15	12701 MACU_T1	0	0	0	0	0	0	0.05	0.06	0	0	0	0	0	0
9/19/2023 21:16	61802 EEU_T2	0	58	58	0	0.12	0.12	0	0	0	0	0	0	0	0
9/19/2023 21:16	46504 LOHA_T1	2	33	31	1.05	0.25	-0.8	0	0	0	0	0	0	0	0
9/19/2023 21:16	42802 SELI_T1	0	0	0	0	0	0	0.05	0.06	0	0	0	0	0	0
9/19/2023 21:16	59002 MIFF_T1	5	8	3	0.16	0.4	0.24	0	0	0	0	0	0	0	0
9/19/2023 21:16	20401 ASHF_T2	5	9	4	0.2	0.3	0.1	0	0	0	0	0	0	0	0
9/19/2023 21:16	44202 POIN_T2	0	0	0	0	0	0	-0.81	-0.89	2	2	0	2400	2400	0
9/19/2023 21:16	46001 BERW_T1	0	0	0	0	0	0	0.89	0.88	0	0	0	0	0	0
9/19/2023 21:16	56801 BENV_T1	39	40	1	0.82	0.93	0.11	-0.78	-0.8	1	1	0	600	600	0
9/19/2023 21:16	40901 JESH_T1	1	21	20	0.1	0.2	0.1	0	0	0	0	0	0	0	0
9/19/2023 21:16	15001 BLMO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9/19/2023 21:16	43202 MVIL_T2	0	0	0	0	0	0	-0.71	-0.72	1	1	0	0	0	0
9/19/2023 21:16	67502 WEWI_T2	0	5	5	0	0.12	0.12	0	0	0	0	0	0	0	0
9/19/2023 21:17	28602 BLYT_T2	1	1	0	0.1	0.3	0.2	0	0	0	0	0	0	0	0
9/19/2023 21:17	11104 EGYP_T1	0	0	0	0	0	0	0.55	0.5	0	0	0	0	0	0
9/19/2023 21:17	42201 SHEN_T2	2	2	0	0.5	0.5	0	0.04	0.05	1	1	0	600	600	0
9/19/2023 21:18	66703 STRA_T1	6	18	12	0.62	0.39	-0.23	-0.29	-0.31	0	0	0	0	0	0
9/19/2023 21:18	65604 QVIL_T2	0	0	0	0	0	0	0.64	0.54	0	0	0	0	0	0
9/19/2023 21:18	59001 MIFF_T1	9	33	24	0.16	0.27	0.11	0	0	0	0	0	0	0	0
9/19/2023 21:18	43302 WATS_T2	0	2	2	0	0.1	0.1	0	0	0	0	0	0	0	0
9/19/2023 21:18	45303 WBER_T2	8	8	0	0.99	0.95	-0.04	-0.94	-0.93	0	0	0	0	0	0
9/19/2023 21:18	53501 EVIL_T2	0	1	1	0	0.1	0.1	-0.27	-0.24	0	0	0	0	0	0
9/19/2023 21:18	42802 SELI_T1	0	0	0	0	0	0	0.05	0.06	0	0	0	0	0	0
9/19/2023 21:18	65902 SAKR_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9/19/2023 21:18	56803 BENV_T1	7	7	0	0.17	0.16	-0.01	0	0	0	0	0	0	0	0
9/19/2023 21:18	45802 HEGI_T2	0	0	0	0	0	0	1.23	1.09	0	0	0	0	0	0
9/19/2023 21:18	63201 MGTN_T2	0	0	0	0	0	0	0.43	0.42	1	1	0	600	600	0
9/19/2023 21:18	59101 WALK_T2	1	2	1	0	0.1	0.1	0.97	0.87	0	0	0	0	0	0
9/19/2023 21:19	56801 BENV_T1	39	40	1	0.82	0.93	0.11	-0.78	-0.8	1	1	0	600	600	0
9/19/2023 21:19	44202 POIN_T2	0	0	0	0	0	0	-0.41	-0.44	1	1	0	1200	1200	0
9/19/2023 21:19	14401 SSLA_T1	2	8	6	0.2	0.24	0.04	0	0	0	0	0	0	0	0
9/19/2023 21:19	58402 MORO_T1	0	0	0	0	0	0	-0.41	-0.43	1	1	0	600	600	0
9/19/2023 21:19	44203 POIN_T2	0	0	0	0	0	0	-0.7	-0.85	2	2	0	2100	2100	0
9/19/2023 21:19	62604 ENGL_T1	0	0	0	0	0	0	-0.94	-0.57	0	0	0	0	0	0
9/19/2023 21:19	13701 SCHN_T2	0	2	2	0	0.1	0.1	0	0	0	0	0	0	0	0
9/19/2023 21:19	59002 MIFF_T1	5	8	3	0.16	0.4	0.24	0	0	0	0	0	0	0	0
9/19/2023 21:19	59402 RFLD_T2	173	255	82	0.57	0.7	0.13	-1.27	-1.29	1	1	0	450	450	0
9/19/2023 21:20	52402 GRPA_T2	5	5	0	1.86	2.04	0.18	0	0	0	0	0	0	0	0
9/19/2023 21:20	58402 MORO_T1	0	0	0	0	0	0	-0.41	-0.43	1	1	0	600	600	0
9/19/2023 21:20	64801 MONE_T2	1	1	0	0.3	0.5	0.2	0	0	0	0	0	0	0	0
9/19/2023 21:20	56803 BENV_T1	7	7	0	0.17	0.16	-0.01	0	0	0	0	0	0	0	0
9/19/2023 21:20	54701 NEBI_T1	7	7	0	0.63	0.5	-0.13	0	0	1	1	0	600	600	0
9/19/2023 21:21	59101 WALK_T2	1	2	1	0	0.1	0.1	0.97	0.87	0	0	0	0	0	0
9/19/2023 21:21	12701 MACU_T1	0	0	0	0	0	0	0.05	0.06	0	0	0	0	0	0
9/19/2023 21:21	64303 LINC_T1	0	0	0	0	0	0	-0.24	-0.25	0	0	0	0	0	0
9/19/2023 21:24	43302 WATS_T2	0	2	2	0	0.1	0.1	0	0	0	0	0	0	0	0
9/19/2023 21:27	24902 WHHA_T1	83	171	88	0.17	0.22	0.05	0	0	0	0	0	0	0	0
9/19/2023 21:27	53903 HALI_T2	0	2	2	0	1	1	-0.18	-0.16	0	0	0	0	0	0
9/19/2023 21:43	52403 GRPA_T2	10	10	0	0.64	0.57	-0.07	-0.06	-0.09	0	0	0	0	0	0
9/19/2023 21:59	24902 WHHA_T1	64	221	157	0.14	0.23	0.09	0	0	0	0	0	0	0	0
9/19/2023 22:12	56802 BENV_T2	140	80	-60	0.25	0.16	-0.09	-1.38	-1.44	0	0	0	0	0	0
9/19/2023 23:25	53601 DALM_T2	1	1	0	0.2	0.9	0.7	0.71	0.63	0	0	0	0	0	0
9/20/2023 0:28	44301 BEAV_T2	11	10	-1	0.51	0.45	-0.06	0	0	0	0	0	0	0	0
9/20/2023 0:28	41901 REED_T1	0	0	0	0	0	0	-1.46	-1.46	1	1	0	900	900	0
9/20/2023 0:28	52401 GRPA_T2	1	1	0	0.1	0.2	0.1	0	0	0	0	0	0	0	0
9/20/2023 0:28	42901 MIDD_T2	477	472	-5	0.49	0.48	-0.01	0	0	0	0	0	0	0	0
9/20/2023 0:28	44203 POIN_T2	0	0	0	0	0	0	-1.17	-1.09	2	2	0	2100	2100	0
9/20/2023 0:28	46503 LOHA_T1	0	0	0	0	0	0	-0.61	-0.61	0	0	0	0	0	0
9/20/2023 0:28	56503 ROCK_T2	9	4	-5	0.12	0.13	0.01	0	0	0	0	0	0	0	0
9/20/2023 0:28	43202 MVIL_T2	0	0	0	0	0	0	-0.77	-0.78	0	0	0	0	0	0
9/20/2023 0:28	63203 MGTN_T1	0	0	0	0	0	0	-0.17	-0.18	1	1	0	600	600	0
9/20/2023 0:28	56801 BENV_T1	28	31	3	0.8	0.92	0.12	-0.95	-0.96	1	1	0	600	600	0
9/20/2023 0:28	40101 HUNT_T2	0	0	0	0	0	0	-0.74	-0.76	0	0	0	0	0	0
9/20/2023 0:28	44203 POIN_T2	0	0	0	0	0	0	-1.17	-1.09	2	2	0	2100	2100	0
9/20/2023 0:28	17804 GILB_T2	0	0	0	0	0	0	-0.61	-0.61	0	0	0	0	0	0
9/20/2023 0:28	12202 FOGE_T2	0	72	72	0	0.14	0.14	0	0	0	0	0	0	0	0
9/20/2023 0:28	54701 NEBI_T1	0	0	0	0	0	0	0	0	1	1	0	600	600	0
9/20/2023 0:28	43304 WATS_T2	0	1	1	0	0	0	-0.67	-0.68	0	0	0	0	0	0
9/20/2023 0:28	43001 ALWD_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9/20/2023 0:28	43304 WATS_T2	0	1	1	0	0	0	-0.67	-0.68	0	0	0	0	0	0
9/20/2023 0:28	62604 ENGL_T1	0	0	0	0	0	0	-0.35	-0.4	1	1	0	600	600	0
9/20/2023 0:28	28602 BLYT_T2	1	1	0	0.2	0.5	0.3	0	0	0	0	0	0	0	0
9/20/2023 0:28	49803 UNIV_T1	0	0	0	0	0	0	-1.38	-1.36	0	0	0	0	0	0
9/20/2023 0:28	60801 BUCK_T1	6	6	0	0.13	0.12	-0.01	-0.28	-0.26	0	0	0	0	0	0
9/20/2023 0:28	20403 ASHF_T2	0	0	0	0	0	0	-0.03	-0.01	0	0	0	0	0	0
9/20/2023 0:28	47101 MARL_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9/20/2023 0:28	41801 GOCI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9/20/2023 0:28	64101 REPB_T1	3	3	0	9.63	9.37	-0.26	-0.01	-0.01	0	0	0	0	0	0
9/20/2023 0:28	45902 AUBU_T1	0	0	0	0	0	0	-0.93	-1.03	1	1	0	600	600	0
9/20/2023 0:28	56802 BENV_T2	1	1	0	0.7	0.9	0.2	-6.14	-6.1	0	0	0	0	0	0
9/20/2023 0:28	29401 BELT_T1	0	0	0	0	0	0	0	0	2	2	0	1800	1800	0
9/20/2023 7:02	54701 NEBI_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9/20/2023 7:54	43001 ALWD_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9/20/2023 8:00	54701 NEBI_T1	0	1	1	0	0	0	0	0	1	1	0	600	600	0
9/20/2023 8:05	46501 LOHA_T1	1	1	0	1.4	1.1	-0.3	0	0	0	0	0	0	0	0
9/20/2023 8:06	56802 BENV_T2	3	185	182	0.37	0.34	-0.03	0	0	0	0	0	0	0	0
9/20/2023 8:09	56802 BENV_T2	3	185	182	0.37	0.34	-0.03	0	0	0	0	0	0	0	0
9/20/2023 8:16	46506 LOHA_T1	0	1	1	0	0.2	0.2	0	0	0	0	0	0	0	0
9/20/2023 8:17	59402 RFLD_T2	0	0	0	0	0	0	0	0	1	1	0	450	450	0
9/20/2023 8:18	46504 LOHA_T1	2	2	0	0.65	0.75	0.1	0	0	0	0	0	0	0	0
9/20/2023 8:20	59101 WALK_T2	1	1	0	0	0	0	0	0	0	0	0	0	0	0
9/20/2023 8:22	56802 BENV_T2	148	199	51	0.28	0.39	0.11	0	0	0	0	0	0	0	0
9/20/2023 8:25	56802 BENV_T2	148	199	51	0.28	0.39	0.11	0	0	0	0	0	0	0	0
9/20/2023 8:26	46801 HEPB_T2	5	3	-2	0.58	0.83	0.25	0	0	0	0	0	0	0	0
9/20/2023 8:26	56802 BENV_T2	148	199	51	0.28	0.39	0.11	0	0	0	0	0	0	0	0
9/20/2023 8:30	42902 MIDD_T2	0	0	0	0	0	0	0	0	1	1	0	600	600	0
9/20/2023 8:31	42903 MIDD_T2	2	2	0	0.2	0.35	0.15	0	0	0	0	0	0	0	0
9/20/2023 8:31	58402 MORO_T1	0	0	0	0	0	0	0	0	2	2	0	1500	1500	0
9/20/2023 8:35	58402 MORO_T1	0	0	0	0	0	0	0	0	2	2	0	1500	1500	0
9/20/2023 8:41	53601 DALM_T2	1	1	0	0.9	0.7	-0.2	0	0	1	1	0	900	900	0
9/20/2023 8:58	40101 HUNT_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9/20/2023 9:07	66902 SHIL_T2	0	1	1	0	0	0	0	0	0	0	0	0	0	0
9/20/2023 9:07	26603 BROO_T1	0	1	1	0	0.2	0.2	0	0	0	0	0	0	0	0
9/20/2023 9:08	26603 BROO_T1	0	1	1	0	0.2	0.2	0	0	0	0	0	0	0	0
9/20/2023 9:13	45002 LIME_2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9/20/2023 9:18	49803 UNIV_T1	0	2	2	0	0.4	0.4	0	0	0	0	0	0	0	0
9/20/2023 9:20	45802 HEGI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9/20/2023 9:21	52403 GRPA_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9/20/2023 9:21	45802 HEGI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9/20/2023 9:24	46203 DANV_T2	0	4	4	0	0.33	0.33	0	0	0	0	0	0	0	0
9/20/2023 9:29	42001 MNVL_T2	3	3	0	0.4	0.6	0.2	0	0	0	0	0	0	0	0
9/20/2023 9:31	43202 MVIL_T2	1	1	0	0.2	1	0.8	0	0	0	0	0	0	0	0
9/20/2023 9:32	13701 SCHN_T2	0	1	1	0	0.1	0.1	0	0	0	0	0	0	0	0
9/20/2023 9:32	43202 MVIL_T2	1	1	0	0.2	1	0.8	0	0	0	0	0	0	0	0
9/20/2023 9:34	67401 WAKE_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9/20/2023 9:36	44201 POIN_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9/20/2023 9:38	59101 WALK_T2	1	33	32	0	0.24	0.24	0	0	0	0	0	0	0	0
9/20/2023 9:39	61303 EARL_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9/20/2023 9:39	29401 BELT_T1	89	96	7	0.26	0.29	0.03	0	0	0	0	0	0	0	0
9/20/2023 9:45	14402 SSLA_T1	6	6	0	0.18	0.17	-0.01	0	0	0	0	0	0	0	0
9/20/2023 9:45	53903 HALI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9/20/2023 9:45	45003 LIME_2	1	1	0	2.5	2.6	0.1	0	0	1	1	0	1200	1200	0
9/20/2023 9:46	47101 MARL_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9/20/2023 9:46	45802 HEGI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9/20/2023 9:46	23401 HONE_T2	0	1	1	0	0.1	0.1	0	0	0	0	0	0	0	0
9/20/2023 9:47	14401 SSLA_T1	2	2	0	0.35	0.45	0.1	0	0	0	0	0	0	0	0
9/20/2023 9:49	40902 JESH_T1	0	0	0	0	0	0	0	0	1	1	0	600	600	0
9/20/2023 9:49	59402 RFLD_T2	0	0	0	0	0	0	0	0	1	1	0	450	450	0
9/20/2023 9:49	64101 REPB_T1	3	3	0	7.67	7.7	0.03	0	0	0	0	0	0	0	0
9/20/2023 9:50

Appendix C - Grid Benefits Achieved in Each Instance of Active Management

9/20/2023 10:07	56802 BENV_T2	223	201	-22	0.4	0.28	-0.12	0	0	0	0	0	0	0	0
9/20/2023 10:07	42701 AUGU_T1	1	1	0	1.1	1.1	0	0	0	2	2	0	1800	1800	0
9/20/2023 10:08	15001 BLMO_T1	0	1	1	0	0.1	0.1	0	0	0	0	0	0	0	0
9/20/2023 10:08	56802 BENV_T2	223	201	-22	0.4	0.28	-0.12	0	0	0	0	0	0	0	0
9/20/2023 10:08	67204 TEHI_T2	1	1	0	0.1	0.2	0.1	0	0	0	0	0	0	0	0
9/20/2023 10:08	42701 AUGU_T1	1	1	0	1.1	1.1	0	0	0	2	2	0	1800	1800	0
9/20/2023 10:09	60801 BUCK_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9/20/2023 10:09	20403 ASHF_T2	2	3	1	0.5	0.37	-0.13	0	0	0	0	0	0	0	0
9/20/2023 10:09	56802 BENV_T2	223	201	-22	0.4	0.28	-0.12	0	0	0	0	0	0	0	0
9/20/2023 10:09	67204 TEHI_T2	1	1	0	0.1	0.2	0.1	0	0	0	0	0	0	0	0
9/20/2023 10:10	43301 WATS_T2	1	1	0	0.8	0.8	0	0	0	0	0	0	0	0	0
9/20/2023 10:10	53501 EVIL_T2	1	1	0	0.3	0.3	0	0	0	1	1	0	600	600	0
9/20/2023 10:10	56802 BENV_T2	223	201	-22	0.4	0.28	-0.12	0	0	0	0	0	0	0	0
9/20/2023 10:10	15001 BLMO_T1	0	1	1	0	0.1	0.1	0	0	0	0	0	0	0	0
9/20/2023 10:10	44802 EDAN_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9/20/2023 10:10	26603 BROO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9/20/2023 10:11	13704 SCHN_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9/20/2023 10:11	20403 ASHF_T2	2	3	1	0.5	0.37	-0.13	0	0	0	0	0	0	0	0
9/20/2023 10:11	56802 BENV_T2	223	201	-22	0.4	0.28	-0.12	0	0	0	0	0	0	0	0
9/20/2023 10:11	26603 BROO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9/20/2023 10:11	46203 DANV_T2	2	4	2	0.6	0.68	0.08	0	0	0	0	0	0	0	0
9/20/2023 10:12	10801 CHHI_T1	0	0	0	0	0	0	0	0	1	1	0	900	900	0
9/20/2023 10:14	42401 GIMA_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9/20/2023 10:16	52401 GRPA_T2	0	1	1	0	0.2	0.2	0	0	0	0	0	0	0	0
9/20/2023 10:16	64801 MONE_T2	1	1	0	0.2	0.2	0	0	0	0	0	0	0	0	0
9/20/2023 10:16	23401 HONE_T2	1	1	0	0.1	0.8	0.7	0	0	0	0	0	0	0	0
9/20/2023 10:17	54701 NEBL_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9/20/2023 10:17	43202 MVIL_T2	0	1	1	0	1	1	0	0	0	0	0	0	0	0
9/20/2023 10:20	17804 GILB_T2	1	3	2	1.8	0.83	-0.97	0	0	0	0	0	0	0	0
9/20/2023 10:21	44802 EDAN_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9/20/2023 10:21	52401 GRPA_T2	0	1	1	0	0.2	0.2	0	0	0	0	0	0	0	0
9/20/2023 10:21	53501 EVIL_T2	1	1	0	0.1	0.4	0.3	0	0	2	2	0	1200	1200	0
9/20/2023 10:21	66505 SMAN_T2	0	0	0	0	0	0	0	0	2	2	0	1100	1100	0
9/20/2023 10:21	28403 HART_T2	0	0	0	0	0	0	0	0	1	1	0	900	900	0
9/20/2023 10:22	56501 ROCK_T2	7	6	-1	0.34	0.37	0.03	0	0	0	0	0	0	0	0
9/20/2023 10:22	44202 POIN_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9/20/2023 10:22	56802 BENV_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9/20/2023 10:23	58402 MORO_T1	0	0	0	0	0	0	0	0	2	2	0	1500	1500	0
9/20/2023 10:23	56802 BENV_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9/20/2023 10:23	44203 POIN_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9/20/2023 10:24	61801 EEU_T2	5	6	1	0.9	0.83	-0.07	0	0	1	1	0	600	600	0
9/20/2023 10:25	54701 NEBL_T1	0	0	0	0	0	0	0	0	1	1	0	600	600	0
9/20/2023 10:25	53501 EVIL_T2	1	1	0	0.1	0.4	0.3	0	0	1	1	0	600	600	0
9/20/2023 10:25	47101 MARL_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9/20/2023 10:26	45902 AUBU_T1	0	0	0	0	0	0	0	0	1	1	0	600	600	0
9/20/2023 10:26	53601 DALM_T2	1	1	0	0.4	0.5	0.1	0	0	1	1	0	900	900	0
9/20/2023 10:27	54701 NEBL_T1	0	0	0	0	0	0	0	0	1	1	0	600	600	0
9/20/2023 10:27	58401 MORO_T1	1	3	2	0.1	0.37	0.27	0	0	0	0	0	0	0	0
9/20/2023 10:27	14402 SSLA_T1	3	20	17	0.2	0.23	0.03	0	0	0	0	0	0	0	0
9/20/2023 10:27	40101 HUNT_T2	0	1	1	0	0.4	0.4	0	0	0	0	0	0	0	0
9/20/2023 10:27	43202 MVIL_T2	0	1	1	0	1	1	0	0	0	0	0	0	0	0
9/20/2023 10:27	46801 HEPB_T2	30	32	2	0.28	0.28	0	0	0	0	0	0	0	0	0
9/20/2023 10:27	15001 BLMO_T1	0	1	1	0	0.5	0.5	0	0	0	0	0	0	0	0
9/20/2023 10:29	43402 BENT_T1	2	3	1	0.45	0.6	0.15	0	0	2	2	0	1500	1500	0
9/20/2023 10:29	41801 GOCI_T2	4	77	73	0.5	0.27	-0.23	0	0	0	0	0	0	0	0
9/20/2023 10:31	47901 HRDG_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9/20/2023 10:32	42902 MIDD_T2	4	4	0	0.18	0.4	0.22	0	0	2	2	0	1200	1200	0
9/20/2023 10:32	64101 REFR_T1	3	3	0	7.57	7.37	-0.2	0	0	0	0	0	0	0	0
9/20/2023 10:32	42002 MNVL_T2	1	1	0	3	2.7	-0.3	0	0	0	0	0	0	0	0
9/20/2023 10:32	44201 POIN_T1	0	0	0	0	0	0	0	0	4	4	0	4200	4200	0
9/20/2023 10:33	44201 POIN_T1	0	0	0	0	0	0	0	0	4	4	0	4200	4200	0
9/20/2023 10:33	14401 SSLA_T1	1	6	5	0.8	0.38	-0.42	0	0	0	0	0	0	0	0
9/20/2023 10:36	45902 AUBU_T1	0	0	0	0	0	0	0	0	1	1	0	600	600	0
9/20/2023 10:36	65604 QVIL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9/20/2023 10:36	59101 WALK_T2	1	1	0	0	0	0	0	0	0	0	0	0	0	0
9/20/2023 10:37	29402 BELT_T1	4	6	2	0.33	0.6	0.27	0	0	0	0	0	0	0	0
9/20/2023 10:37	67502 WEWI_T2	1	9	8	0.7	0.31	-0.39	0	0	0	0	0	0	0	0
9/20/2023 10:37	42701 AUGU_T1	1	2	1	1	0.85	-0.15	0	0	2	2	0	1800	1800	0
9/20/2023 10:37	59101 WALK_T2	1	1	0	0	0	0	0	0	0	0	0	0	0	0
9/20/2023 10:38	44301 BEAV_T2	1	2	1	0.6	0.35	-0.25	0	0	4	4	0	3000	3000	0
9/20/2023 10:38	42701 AUGU_T1	1	2	1	1	0.85	-0.15	0	0	2	2	0	1800	1800	0
9/20/2023 10:38	67502 WEWI_T2	1	9	8	0.7	0.31	-0.39	0	0	0	0	0	0	0	0
9/20/2023 10:40	44301 BEAV_T2	1	2	1	0.6	0.35	-0.25	0	0	2	2	0	1500	1500	0
9/20/2023 10:41	53901 HAU_T2	2	3	1	0.55	0.57	0.02	0	0	0	0	0	0	0	0
9/20/2023 10:41	15001 BLMO_T1	1	1	0	0.1	0.5	0.4	0	0	0	0	0	0	0	0
9/20/2023 10:42	17803 GILB_T2	1	3	2	0.2	0.27	0.07	0	0	0	0	0	0	0	0
9/20/2023 10:43	17804 GILB_T2	2	3	1	0.9	0.53	-0.37	0	0	0	0	0	0	0	0
9/20/2023 10:45	59003 MIFF_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9/20/2023 10:46	46501 LOHA_T1	1	1	0	0.3	0.3	0	0	0	1	1	0	1200	1200	0
9/20/2023 10:47	59001 MIFF_T1	0	1	1	0	0.6	0.6	0	0	0	0	0	0	0	0
9/20/2023 10:47	52004 LING_T2	2	2	0	0.6	0.65	0.05	0	0	0	0	0	0	0	0
9/20/2023 10:50	15604 NSTR_T1	1	0	-1	0.2	0	-0.2	0	0	0	0	0	0	0	0
9/20/2023 10:51	66701 STRA_T1	1	1	0	0.3	0.7	0.4	0	0	0	0	0	0	0	0
9/20/2023 10:52	15001 BLMO_T1	1	1	0	0.5	0.3	-0.2	0	0	0	0	0	0	0	0
9/20/2023 10:52	42201 SHEN_T2	0	0	0	0	0	0	0	0	1	1	0	600	600	0
9/20/2023 10:52	54001 SDLE_T1	7	8	1	0.44	0.57	0.13	0	0	1	1	0	600	600	0
9/20/2023 10:52	67401 WAKE_T2	1	3	2	0.2	0.63	0.43	0	0	0	0	0	0	0	0
9/20/2023 10:52	46001 BERW_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9/20/2023 10:54	62605 ENGL_T1	0	2	2	0	0.3	0.3	0	0	0	0	0	0	0	0
9/20/2023 10:54	28602 BLYT_T2	2	1	-1	0.1	0.2	0.1	0	0	0	0	0	0	0	0
9/20/2023 10:55	62606 ENGL_T1	0	2	2	0	0.15	0.15	0	0	0	0	0	0	0	0
9/20/2023 10:56	62601 ENGL_T1	0	1	1	0	0.1	0.1	0	0	0	0	0	0	0	0
9/20/2023 10:57	53902 HAU_T2	1	1	0	0.7	0.8	0.1	0	0	0	0	0	0	0	0
9/20/2023 10:58	24101 EHAZ_T1	4	19	15	0.25	0	-0.25	0	0	1	1	0	600	600	0
9/20/2023 10:58	62602 ENGL_T1	0	1	1	0	0.1	0.1	0	0	0	0	0	0	0	0
9/20/2023 10:58	45702 LIND_T2	0	1	1	0	1.2	1.2	0	0	0	0	0	0	0	0
9/20/2023 10:59	62601 ENGL_T1	0	1	1	0	0.1	0.1	0	0	0	0	0	0	0	0
9/20/2023 11:00	41801 GOCI_T2	61	133	72	0.28	0.3	0.02	0	0	0	0	0	0	0	0
9/20/2023 11:01	53902 HAU_T2	1	1	0	0.7	0.8	0.1	0	0	0	0	0	0	0	0
9/20/2023 11:01	60803 BUCK_T1	0	1	1	0	0.1	0.1	0	0	1	1	0	600	600	0
9/20/2023 11:02	60803 BUCK_T1	0	1	1	0	0.1	0.1	0	0	1	1	0	600	600	0
9/20/2023 11:03	13701 SCHN_T2	0	1	1	0	0.6	0.6	0	0	0	0	0	0	0	0
9/20/2023 11:03	67001 STHI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9/20/2023 11:04	47802 MOCA_T2	1	1	0	0.8	0.2	-0.6	0	0	0	0	0	0	0	0
9/20/2023 11:05	49804 UNIV_T1	1	1	0	0.2	0.5	0.3	0	0	0	0	0	0	0	0
9/20/2023 11:07	66703 STRA_T1	0	1	1	0	0	0	0	0	0	0	0	0	0	0
9/20/2023 11:08	45902 AUBU_T1	0	0	0	0	0	0	0	0	1	1	0	600	600	0
9/20/2023 11:09	67502 WEWI_T2	9	14	5	0.31	0.45	0.14	0	0	0	0	0	0	0	0
9/20/2023 11:09	29401 BELT_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9/20/2023 11:14	28403 HART_T2	0	0	0	0	0	0	0	0	1	1	0	900	900	0
9/20/2023 11:15	64801 MONE_T2	8	5	-3	0.3	0.36	0.06	0	0	0	0	0	0	0	0
9/20/2023 11:16	65003 NEFF_T2	2	2	0	0.2	0.4	0.2	0	0	0	0	0	0	0	0
9/20/2023 11:18	44203 POIN_T2	0	3	3	0	0	0	0	0	8	8	0	8400	8400	0
9/20/2023 11:19	44202 POIN_T2	0	0	0	0	0	0	0	0	1	1	0	1200	1200	0
9/20/2023 11:19	44202 POIN_T2	0	0	0	0	0	0	0	0	1	1	0	1200	1200	0
9/20/2023 11:20	46301 ROHR_T1	0	2	2	0	0.4	0.4	0	0	0	0	0	0	0	0
9/20/2023 11:21	44203 POIN_T2	0	3	3	0	0	0	0	0	0	0	0	0	0	0
9/20/2023 11:22	15604 NSTR_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9/20/2023 11:23	66701 STRA_T1	1	1	0	0.7	0.6	-0.1	0	0	0	0	0	0	0	0
9/20/2023 11:23	56802 BENV_T2	177	186	9	0.29	0.32	0.03	0	0	0	0	0	0	0	0
9/20/2023 11:24	56803 BENV_T1	1	4	3	0.8	0.4	-0.4	0	0	0	0	0	0	0	0
9/20/2023 11:24	67502 WEWI_T2	13	14	1	0.45	0.38	-0.07	0	0	0	0	0	0	0	0
9/20/2023 11:25	56803 BENV_T1	1	4	3	0.8	0.4	-0.4	0	0	0	0	0	0	0	0
9/20/2023 11:29	59001 MIFF_T1	1	1	0	0.6	1.1	0.5	0	0	0	0	0	0	0	0
9/20/2023 11:30	12701 MACU_T1	1	1	0	2	0.6	-1.4	0	0	0	0	0	0	0	0
9/20/2023 11:31	12701 MACU_T1	1	1	0	2	0.6	-1.4	0	0	0	0	0	0	0	0
9/20/2023 11:32	65001 NEFF_T2	0	0	0	0	0	0	0	0	1	1	0	1200	1200	0
9/20/2023 11:33	66703 STRA_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9/20/2023 11:33	52403 GRPA_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9/20/2023 11:34	40902 JESH_T1	0	0	0	0	0	0	0	0	1	1	0	600	600	0
9/20/2023 11:34	47101 MARL_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9/20/2023 11:35	66502 SMAN_T2	1	2	1	0.1	0.7	0.6	0	0	0	0	0	0	0	0
9/20/2023 11:35	40902 JESH_T1	0	0	0	0	0	0	0	0	1	1	0	600	600	0
9/20/2023 11:38	15001 BLMO_T1	2	3	1	0.25	0.43	0.18	0	0	0	0	0	0	0	0
9/20/2023 11:39	67503 WEWI_T2	1	1	0	0.1	0.3	0.2	0	0	0	0	0	0	0	0
9/20/2023 11:39	15001 BLMO_T1	2	3	1	0.25	0.43	0.18	0	0	0	0	0	0	0	0
9/20/2023 11:39	28602 BLYT_T2	1	0	-1	0.2	0	-0.2	0	0	0	0	0	0	0	0
9/20/2023 11:39	42701 AUGU_T1	1	4	3	0.2	0.33	0.13	0	0	4	4	0	3600	3600	0
9/20/2023 11:40	15001 BLMO_T1	2	3	1	0.25	0.43	0.18	0	0	0	0	0	0	0	0
9/20/2023 11:40	67502 WEWI_T2	11	32	21	0.36	0.38	0.02	0	0	0	0	0	0	0	0
9/20/2023 11:40	46001 BERW_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9/20/2023 11:40	42701 AUGU_T1	1	4	3	0.2	0.33	0.13	0	0	2	2	0	1800	1800	0
9/20/2023 11:41	67503 WEWI_T2	1	1	0	0.1	0.3	0.2	0	0	0	0	0	0	0	0
9/20/2023 11:41	42701 AUGU_T1	1	4	3	0.2	0.33	0.13	0	0	2	2	0	1800	1800	0
9/20/2023 11:41	67503 WEWI_T2	1	1	0	0.1	0.3	0.2	0	0	0	0	0	0	0	0
9/20/2023 11:41	15001 BLMO_T1	2	3	1	0.25	0.43	0.18	0	0	0	0	0	0	0	0
9/20/2023 11:42	41801 GOCI_T2	39	74	35	0.26	0.3	0.04	0	0	0	0	0	0	0	0
9/20/2023 11:44	14404 SSLA_T1	9	5	-4	0.38	0.56	0.18	0	0	0	0	0	0	0	0
9/20/2023 11:45	59001 MIFF_T1	1	2	1	0.6	1.05	0.45	0	0	0	0	0	0	0	0
9/20/2023 11:46	66502 SMAN_T2	2	2	0	0.5	0.8	0.3	0	0	0	0	0	0	0	0
9/20/2023 11:46	14404 SSLA_T1	5	4	-1	0.48	0.73	0.25	0	0	0	0	0	0	0	0
9/20/2023 11:46	52402 GRPA_T2	15	10	-5	0.67	0.98	0.31	0	0	0	0	0	0	0	0
9/20/2023 11:46	58402 MORO_T1	0	0	0	0	0	0	0	0	4	4	0	3000	3000	0
9/20/2023 11:46	43202 MVIL_T2	1	1	0	1.2	1.4	0.2	0	0	0	0	0	0	0	0
9/20/2023 11:46	64301 LINC_T1	0	0	0	0	0	0	0	0	1	1	0	600	600	0
9/20/2023 11:47	67503 WEWI_T2	1	1	0	0.2	0.3	0.1	0	0	0	0	0	0	0	0
9/20/2023 11:47	52402 GRPA_T2	15	10	-5	0.67	0.98	0.31	0	0	0	0	0	0	0	0
9/20/2023 11:47	43201 MVIL_T2	0	1	1	0	0.4	0.4	0	0	0	0	0	0	0	0
9/20/2023 11:48	58402 MORO_T1	0	0	0	0	0	0	0	0	2	2	0	1500	1500	0
9/20/2023 11:49	46506 LOHA_T1	0	1	1	0	0.5	0.5	0	0	0	0	0	0	0	0
9/20/2023 11:49	47101 MARL_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9/20/2023 11:49	66701 STRA_T1	1	1	0	0.6	0.8	0.2	0	0	0	0	0	0	0	0
9/20/2023 11:51	66502 SMAN_T2	2	2	0	0.5	0.8	0.3	0	0	0	0	0	0	0	0
9/20/2023 11:51	64101 REFR_T1	4	3	-1	6.43	7.07	0.64	0	0	0	0	0	0	0	0
9/20/2023 11:51	67502 WEWI_T2	13	32	19	0.36	0.41	0.05	0	0	0	0	0	0	0	0
9/20/2023 11:52	66502 SMAN_T2	2	2	0	0.5	0.8	0.3	0	0	0	0	0	0	0	0
9/20/2023 11:52	52401 GRPA_T2	3	2	-1	0.2	0.3	0.1	0	0	0	0	0	0	0	0
9/20/2023 11:55	15001 BLMO_T1	2	3	1	0.25	0.43	0.18	0	0	0	0	0	0	0	0
9/20/2023 11:55	45902 AUBU_T1	0	0	0	0	0	0	0	0	1	1	0	600	600	0
9/20/2023 11:55	46001 BERW_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9/20/2023 11:56	46001 BERW_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9/20/2023 11:56	15001 BLMO_T1	2	3	1	0.25	0.43	0.18	0	0	0	0	0	0	0	0
9/20/2023 11:58	41802 GOCI_T2	0	1	1	0	0.2	0.2	0	0	0	0	0	0	0	0
9/20/2023 12:00	14403 SSLA_T1	4	4	0	0.93	0.85	-0.08	0	0	0	0	0	0	0	0
9/20/2023 12:01	14403 SSLA_T1	4	4	0	0.93	0.85	-0.08	0	0	0	0	0	0	0	0
9/20/2023 12:01	48302 ORWI_T2	2	2	0	0.2	0.25	0.05	0	0	0	0	0	0	0	0
9/20/2023 12:04	15604 NSTR_T1	6	0	-6	0.1	0	-0.1	0	0	0	0	0	0	0	0
9/20/2023 12:05	67001 STHI_T2	10	9	-1	0.3	0.37	0.07	0	0	0	0	0	0	0	0
9/20/2023 12:06	66504 SMAN_T2	2	1	-1	0.45	0.8	0.35	0	0	0	0	0	0	0	0
9/20/2023 12:07	67002 STHI_T2	14	12	-2	0.31	0.32	0.01	0	0	0	0	0	0	0	0
9/20/2023 12:07	66504 SMAN_T2	2	1	-1	0.45	0.8	0.35	0	0	0	0	0	0	0	0
9/20/2023 12:07	42601 TUSC_T1	0	0	0	0	0

9/20/2023 13:22	44201 POIN_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9/20/2023 13:23	15001 BLMO_T1	3	0	-3	0.4	0	-0.4	0	0	0	0	0	0	0	0
9/20/2023 13:24	15001 BLMO_T1	3	0	-3	0.4	0	-0.4	0	0	0	0	0	0	0	0
9/20/2023 13:25	15001 BLMO_T1	3	0	-3	0.4	0	-0.4	0	0	0	0	0	0	0	0
9/20/2023 13:26	15001 BLMO_T1	3	0	-3	0.4	0	-0.4	0	0	0	0	0	0	0	0
9/20/2023 13:27	41801 GOCI_T2	46	17	-29	0.32	0.35	0.03	0	0	0	0	0	0	0	0
9/20/2023 13:30	63401 HONY_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9/20/2023 13:33	52403 GRPA_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9/20/2023 13:37	46302 ROHR_T1	5	5	0	1.28	1.3	0.02	0	0	0	0	0	0	0	0
9/20/2023 13:46	46506 LOHA_T1	1	2	1	0.8	0.45	-0.35	0	0	0	0	0	0	0	0
9/20/2023 13:46	63401 HONY_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9/20/2023 13:47	45003 LIME_2	1	1	0	2.8	2.9	0.1	0	0	0	2	2	0	2400	2400	0
9/20/2023 13:47	59003 MIFF_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9/20/2023 13:47	46506 LOHA_T1	1	2	1	0.8	0.45	-0.35	0	0	0	0	0	0	0	0	0
9/20/2023 13:52	42701 AUGU_T1	3	2	-1	0.3	0.55	0.25	0	0	0	2	2	0	1800	1800	0
9/20/2023 13:56	45902 AUBU_T1	0	0	0	0	0	0	0	0	0	1	1	0	600	600	0
9/20/2023 13:56	46001 BERW_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9/20/2023 13:56	42701 AUGU_T1	3	2	-1	0.3	0.55	0.25	0	0	0	2	2	0	1800	1800	0
9/20/2023 13:57	15001 BLMO_T1	0	2	2	0	0.35	0.35	0	0	0	0	0	0	0	0	0
9/20/2023 14:02	59001 MIFF_T1	1	1	0	0.1	1	0.9	0	0	0	0	0	0	0	0	0
9/20/2023 14:06	45902 AUBU_T1	0	0	0	0	0	0	0	0	0	1	1	0	600	600	0
9/20/2023 14:06	42701 AUGU_T1	2	2	0	0.55	0.35	-0.2	0	0	0	2	2	0	1800	1800	0
9/20/2023 14:06	15601 NSTR_T2	3	3	0	0.8	0.43	-0.37	0	0	0	0	0	0	0	0	0
9/20/2023 14:06	66703 STRA_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9/20/2023 14:07	42701 AUGU_T1	2	2	0	0.55	0.35	-0.2	0	0	0	2	2	0	1800	1800	0
9/20/2023 14:08	44301 BEAV_T2	1	1	0	1.7	0.1	-1.6	0	0	0	2	2	0	1500	1500	0
9/20/2023 14:08	42701 AUGU_T1	2	2	0	0.55	0.35	-0.2	0	0	0	4	4	0	3600	3600	0
9/20/2023 14:08	15001 BLMO_T1	0	2	2	0	0.35	0.35	0	0	0	0	0	0	0	0	0
9/20/2023 14:08	60803 BUCK_T1	0	0	0	0	0	0	0	0	0	1	1	0	600	600	0
9/20/2023 14:10	60803 BUCK_T1	0	0	0	0	0	0	0	0	0	1	1	0	600	600	0
9/20/2023 14:10	60803 BUCK_T1	0	0	0	0	0	0	0	0	0	1	1	0	600	600	0
9/20/2023 14:11	42701 AUGU_T1	2	2	0	0.55	0.35	-0.2	0	0	0	2	2	0	1800	1800	0
9/20/2023 14:11	44302 BEAV_T2	0	11	11	0	0.45	0.45	0	0	0	0	0	0	0	0	0
9/20/2023 14:11	46001 BERW_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9/20/2023 14:11	43402 BENT_T1	7	3	-4	0.56	0.67	0.11	0	0	0	1	1	0	900	900	0
9/20/2023 14:13	45003 LIME_2	1	0	-1	0.1	0	-0.1	0	0	0	0	0	0	0	0	0
9/20/2023 14:13	52402 GRPA_T2	5	8	3	0.84	0.76	-0.08	0	0	0	0	0	0	0	0	0
9/20/2023 14:13	45802 HEGI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9/20/2023 14:13	40101 HUNT_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9/20/2023 14:15	52403 GRPA_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9/20/2023 14:16	53902 HAU_T2	1	1	0	0.6	0.2	-0.4	0	0	0	0	0	0	0	0	0
9/20/2023 14:16	52403 GRPA_T2	0	5	5	0	0.52	0.52	0	0	0	0	0	0	0	0	0
9/20/2023 14:17	13503 MCMI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9/20/2023 14:18	45003 LIME_2	1	1	0	2.9	1.9	-1	0	0	0	1	1	0	1200	1200	0
9/20/2023 14:19	44201 POIN_T1	0	0	0	0	0	0	0	0	0	2	2	0	2100	2100	0
9/20/2023 14:19	59402 RFLD_T2	0	1	1	0	0	0	0	0	0	1	1	0	450	450	0
9/20/2023 14:20	24901 WHHA_T1	2	3	1	0.7	0.6	-0.1	0	0	0	0	0	0	0	0	0
9/20/2023 14:21	44202 POIN_T2	0	0	0	0	0	0	0	0	0	1	1	0	1200	1200	0
9/20/2023 14:21	66703 STRA_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9/20/2023 14:22	45902 AUBU_T1	0	0	0	0	0	0	0	0	0	1	1	0	600	600	0
9/20/2023 14:22	20403 ASHF_T2	2	4	2	0.6	0.55	-0.05	0	0	0	0	0	0	0	0	0
9/20/2023 14:22	44203 POIN_T2	0	0	0	0	0	0	0	0	0	6	6	0	6300	6300	0
9/20/2023 14:22	67401 WAKE_T2	3	4	1	0.47	0.33	-0.14	0	0	0	0	0	0	0	0	0
9/20/2023 14:23	60803 BUCK_T1	0	0	0	0	0	0	0	0	0	1	1	0	600	600	0
9/20/2023 14:23	44302 BEAV_T2	1	11	10	0.1	0.45	0.35	0	0	0	0	0	0	0	0	0
9/20/2023 14:23	24902 WHHA_T1	6	8	2	0.23	0.31	0.08	0	0	0	0	0	0	0	0	0
9/20/2023 14:23	66502 SMAN_T2	1	0	-1	0.2	0	-0.2	0	0	0	0	0	0	0	0	0
9/20/2023 14:23	20403 ASHF_T2	2	4	2	0.6	0.55	-0.05	0	0	0	0	0	0	0	0	0
9/20/2023 14:23	15001 BLMO_T1	2	2	0	0.35	0.15	-0.2	0	0	0	0	0	0	0	0	0
9/20/2023 14:23	44203 POIN_T2	0	0	0	0	0	0	0	0	0	2	2	0	2100	2100	0
9/20/2023 14:24	60801 BUCK_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9/20/2023 14:25	60803 BUCK_T1	0	0	0	0	0	0	0	0	0	1	1	0	600	600	0
9/20/2023 14:26	17804 GILB_T2	6	3	-3	0.33	0.33	0	0	0	0	0	0	0	0	0	0
9/20/2023 14:27	46001 BERW_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9/20/2023 14:27	60101 COCA_T1	0	2	2	0	0.7	0.7	0	0	0	0	0	0	0	0	0
9/20/2023 14:27	17805 GILB_T2	1	1	0	0.3	0.2	-0.1	0	0	0	0	0	0	0	0	0
9/20/2023 14:27	24101 EHAZ_T1	2	18	16	0.95	0.4	-0.55	0	0	0	1	1	0	600	600	0
9/20/2023 14:28	17805 GILB_T2	1	1	0	0.3	0.2	-0.1	0	0	0	0	0	0	0	0	0
9/20/2023 14:29	43402 BENT_T1	3	1	-2	0.67	0.2	-0.47	0	0	0	1	1	0	900	900	0
9/20/2023 14:29	52402 GRPA_T2	7	5	-2	0.73	0.98	0.25	0	0	0	0	0	0	0	0	0
9/20/2023 14:30	63401 HONY_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9/20/2023 14:31	64301 LINC_T1	0	0	0	0	0	0	0	0	0	1	1	0	600	600	0
9/20/2023 14:32	43202 MVIL_T2	1	1	0	0.5	0.6	0.1	0	0	0	0	0	0	0	0	0
9/20/2023 14:33	42903 MIDD_T2	2	2	0	0.75	1.1	0.35	0	0	0	0	0	0	0	0	0
9/20/2023 14:33	13503 MCMI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9/20/2023 14:34	43202 MVIL_T2	1	1	0	0.5	0.6	0.1	0	0	0	0	0	0	0	0	0
9/20/2023 14:35	59402 RFLD_T2	1	1	0	0.2	0	-0.2	0	0	0	1	1	0	450	450	0
9/20/2023 14:37	20403 ASHF_T2	2	4	2	0.4	0.6	0.2	0	0	0	0	0	0	0	0	0
9/20/2023 14:37	52402 GRPA_T2	5	8	3	0.94	0.74	-0.2	0	0	0	0	0	0	0	0	0
9/20/2023 14:37	55101 WERT_T1	0	0	0	0	0	0	0	0	0	3	3	0	2400	2400	0
9/20/2023 14:38	55101 WERT_T1	0	0	0	0	0	0	0	0	0	3	3	0	2400	2400	0
9/20/2023 14:38	20403 ASHF_T2	2	4	2	0.4	0.6	0.2	0	0	0	0	0	0	0	0	0
9/20/2023 14:38	60101 COCA_T1	2	2	0	0.6	0.7	0.1	0	0	0	0	0	0	0	0	0
9/20/2023 14:38	42701 AUGU_T1	2	2	0	0.15	0.2	0.05	0	0	0	2	2	0	1800	1800	0
9/20/2023 14:38	60803 BUCK_T1	0	0	0	0	0	0	0	0	0	1	1	0	600	600	0
9/20/2023 14:38	15001 BLMO_T1	2	2	0	0.15	0.25	0.1	0	0	0	0	0	0	0	0	0
9/20/2023 14:38	45902 AUBU_T1	0	0	0	0	0	0	0	0	0	1	1	0	600	600	0
9/20/2023 14:38	66501 SMAN_T2	0	1	1	0	0.1	0.1	0	0	0	0	0	0	0	0	0
9/20/2023 14:39	60801 BUCK_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9/20/2023 14:39	28604 BLYT_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9/20/2023 14:39	55101 WERT_T1	0	0	0	0	0	0	0	0	0	9	9	0	7200	7200	0
9/20/2023 14:39	15001 BLMO_T1	2	2	0	0.15	0.25	0.1	0	0	0	0	0	0	0	0	0
9/20/2023 14:39	42701 AUGU_T1	2	2	0	0.15	0.2	0.05	0	0	0	2	2	0	1800	1800	0
9/20/2023 14:41	60803 BUCK_T1	0	0	0	0	0	0	0	0	0	1	1	0	600	600	0
9/20/2023 14:43	17804 GILB_T2	2	3	1	0.45	0.5	0.05	0	0	0	0	0	0	0	0	0
9/20/2023 14:43	60101 COCA_T1	2	2	0	0.6	0.7	0.1	0	0	0	0	0	0	0	0	0
9/20/2023 14:43	42201 SHEN_T2	2	2	0	0.25	0.9	0.65	0	0	0	1	1	0	600	600	0
9/20/2023 14:43	46001 BERW_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9/20/2023 14:44	17805 GILB_T2	1	1	0	0.2	0.1	-0.1	0	0	0	0	0	0	0	0	0
9/20/2023 14:44	17805 GILB_T2	1	1	0	0.2	0.1	-0.1	0	0	0	0	0	0	0	0	0
9/20/2023 14:44	40101 HUNT_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9/20/2023 14:45	40101 HUNT_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9/20/2023 14:45	63404 HONY_T1	2	2	0	7.4	7.55	0.15	0	0	0	0	0	0	0	0	0
9/20/2023 14:45	43202 MVIL_T2	1	0	-1	0.6	0	-0.6	0	0	0	0	0	0	0	0	0
9/20/2023 14:46	41801 GOCI_T2	2	15	13	0.6	0.21	-0.39	0	0	0	0	0	0	0	0	0
9/20/2023 14:46	46001 BERW_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9/20/2023 14:46	64301 LINC_T1	0	0	0	0	0	0	0	0	0	1	1	0	600	600	0
9/20/2023 14:46	58402 MORO_T1	0	0	0	0	0	0	0	0	0	4	4	0	3000	3000	0
9/20/2023 14:47	43202 MVIL_T2	1	0	-1	0.6	0	-0.6	0	0	0	0	0	0	0	0	0
9/20/2023 14:49	42903 MIDD_T2	2	2	0	1.1	0.55	-0.55	0	0	0	0	0	0	0	0	0
9/20/2023 14:50	58402 MORO_T1	0	0	0	0	0	0	0	0	0	2	2	0	1500	1500	0
9/20/2023 14:54	45902 AUBU_T1	0	0	0	0	0	0	0	0	0	1	1	0	600	600	0
9/20/2023 14:55	45901 AUBU_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9/20/2023 14:57	61301 EARL_T1	0	0	0	0	0	0	0	0	0	2	2	0	1800	1800	0
9/20/2023 14:59	42903 MIDD_T2	2	2	0	1.1	0.55	-0.55	0	0	0	0	0	0	0	0	0
9/20/2023 14:59	13503 MCMI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9/20/2023 15:00	40101 HUNT_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9/20/2023 15:01	46501 LOHA_T1	0	1	1	0	0.5	0.5	0	0	0	0	0	0	0	0	0
9/20/2023 15:03	59003 MIFF_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9/20/2023 15:05	46504 LOHA_T1	2	3	1	0.5	0.37	-0.13	0	0	0	0	0	0	0	0	0
9/20/2023 15:09	14404 SSLA_T1	3	2	-1	0.6	0.6	0	0	0	0	0	0	0	0	0	0
9/20/2023 15:09	67502 WEWI_T2	1	1	0	0.5	0	-0.5	0	0	0	0	0	0	0	0	0
9/20/2023 15:10	67502 WEWI_T2	1	1	0	0.5	0	-0.5	0	0	0	0	0	0	0	0	0
9/20/2023 15:10	14403 SSLA_T1	2	2	0	0.35	0.4	0.05	0	0	0	0	0	0	0	0	0
9/20/2023 15:10	46001 BERW_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9/20/2023 15:11	43402 BENT_T1	0	2	2	0	0.15	0.15	0	0	0	1	1	0	900	900	0
9/20/2023 15:15	44202 POIN_T2	0	0	0	0	0	0	0	0	0	1	1	0	1200	1200	0
9/20/2023 15:15	45802 HEGI_T2	0	0	0	0	0	0	0	0	0	1	1	0	300	300	0
9/20/2023 15:16	52401 GRPA_T2	1	1	0	0.4	0.2	-0.2	0	0	0	0	0	0	0	0	0
9/20/2023 15:18	47101 MARL_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9/20/2023 15:18	45003 LIME_2	2	1	-1	2.35	4.3	1.95	0	0	0	1	1	0	1200	1200	0
9/20/2023 15:19	46506 LOHA_T1	1	0	-1	0.5	0	-0.5	0	0	0	0	0	0	0	0	0
9/20/2023 15:21	48302 ORWI_T2	2	2	0	0.45	0.45	0	0	0	0	0	0	0	0	0	0
9/20/2023 15:22	67204 TEHI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9/20/2023 15:25	67204 TEHI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9/20/2023 15:26	11102 EGYP_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9/20/2023 15:29	52401 GRPA_T2	1	1	0	0.4	0.2	-0.2	0	0	0	0	0	0	0	0	0
9/20/2023 15:29	43402 BENT_T1	2	2	0	0.1	0.35	0.25	0	0	0	1	2	1	900	1500	600
9/20/2023 15:36	64101 REPR_T1	3	3	0	6.97	6.83	-0.14	0	0	0	0	0	0	0	0	0
9/20/2023 15:36	67503 WEWI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9/20/2023 15:37	16302 ALPA_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9/20/2023 15:39	10805 CHHI_T2	1	2	1	8.5	8.2	-0.3	0	0	0	2	1	-1	1800	600	-1200
9/20/2023 15:41	16302 ALPA_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9/20/2023 15:41	42701 AUGU_T1	0	0	0	0	0	0	0	0	0	4	4	0	3600	3600	0
9/20/2023 15:45	52403 GRPA_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9/20/2023 16:11	43401 BENT_T1	0	2	2	0	0	0	0	0	0	0	0	0	0	0	0
9/20/2023 16:13	53901 HAU_T2	1	1	0	0.6	0.5	-0.1	0	0	0	0	0	0	0	0	0
9/20/2023 16:17	47101 MARL_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9/20/2023 16:29	43401 BENT_T1	2	0	-2	0.6	0	-0.6	0	0	0	0	0	0	0	0	0
9/20/2023 16:31	43402 BENT_T1	7	2	-5	0.23	0.25	0.02	0	0	0	1	1	0	900	900	0
9/20/2023 16:44	52403 GRPA_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9/20/2023 17:06	65902 SAKR_T2	0	0	0	0	0	0	0	0	0	1	1	0	900	300	-600
9/20/2023 17:53	13704 SCHN_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9/20/2023 18:09	43402 BENT_T1	0	0	0	0	0	0	0	0	0	1	1	0	900	900	0
9/20/2023 18:29	43402 BENT_T1	0	0	0	0	0	0	0	0	0	1	1	0	900	900	0
9/20/2023 19:05	60801 BUCK_T1	12	9	-3	0.14	0.18	0.04	0	0	0	0	0	0	0	0	0
9/20/2023 19:09	43402 BENT_T1	0	0	0	0	0	0	0	0	0	1	1	0	900	900	0
9/20/2023 19:29	43401 BENT_T1	0	1	1	0	1.1	1.1	0	0	0	0	0	0	0	0	0
9/20/2023 19:43	61303 EARL_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9/20/2023 20:03	15604 NSTR_T1	26	87	61	0.14	0.19	0.05	0	0	0	0	0	0	0	0	0
9/20/2023 20:07	52004 LING_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9/20/2023 20:09	56802 BENV_T2	2	43	41	0.55	0.16	-0.39	0	0	0	0	0	0	0	0	0
9/20/2023 20:09	43402 BENT_T1	0	0	0	0	0	0	0	0	0	1	1	0	900	900	0
9/20/2023 20:10	42601 TUSC_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9/20/2023 20:11	56802 BENV_T2	2	43	41	0.55	0.16	-0.39	0	0	0	0	0	0	0	0	0
9/20/2023 20:12	42401 GIMA_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9/20/2023 20:14	56802 BENV_T2	2	43	41	0.55	0.16	-0.39	0	0	0	0	0	0	0	0	0
9/20/2023 20:14	67401 WAKE_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9/20/2023 20:14	63401 HONY_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9/20/2023 20:15	45802 HEGI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9/20/2023 20:15	44203 POIN_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9/20/2023 20:15	54701 NEBL_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9/20/2023 20:16	44202 POIN_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9/20/2023 20:16	46302 ROHR_T1	3	4	1	1.57	1.55	-0.02	0	0	0	0	0	0	0	0	0
9/20/2023 20:16	44201 POIN_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9/20/2023 20:17	47101 MARL_T1	0	0	0	0	0	0	0	0

9/20/2023 21:11	67401 WAKE_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9/20/2023 21:12	67503 WEWI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9/20/2023 21:12	44302 BEAV_T2	30	23	-7	0.15	0.15	0	0	0	0	0	0	0	0	0
9/20/2023 21:12	15001 BLMO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9/20/2023 21:12	56802 BENV_T2	34	35	1	0.15	0.13	-0.02	0	0	0	0	0	0	0	0
9/20/2023 21:12	59102 WALK_T2	3	0	-3	0.17	0	-0.17	0	0	0	0	0	0	0	0
9/20/2023 21:12	62604 ENGL_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9/20/2023 21:12	45902 AUBU_T1	0	0	0	0	0	0	0	0	1	1	0	600	600	0
9/20/2023 21:12	49803 UNIV_T1	1	19	18	0.1	0.12	0.02	0	0	0	0	0	0	0	0
9/20/2023 21:12	45901 AUBU_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9/20/2023 21:12	58402 MORO_T1	0	0	0	0	0	0	0	0	2	2	0	1500	1500	0
9/20/2023 21:13	42002 MNVL_T2	1	1	0	1	0.9	-0.1	0	0	0	0	0	0	0	0
9/20/2023 21:13	40101 HUNT_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9/20/2023 21:13	44302 BEAV_T2	30	23	-7	0.15	0.15	0	0	0	0	0	0	0	0	0
9/20/2023 21:13	46504 LOHA_T1	2	2	0	0.15	0.5	0.35	0	0	0	0	0	0	0	0
9/20/2023 21:13	56801 BENV_T1	29	36	7	0.65	0.86	0.21	0	0	2	2	0	1200	1200	0
9/20/2023 21:13	45001 LIME_2	34	26	-8	0.44	0.33	-0.11	0	0	0	0	0	0	0	0
9/20/2023 21:14	41801 GOCI_T2	18	27	-11	0.18	0.19	0.01	0	0	0	0	0	0	0	0
9/20/2023 21:15	42701 AUGU_T1	0	0	0	0	0	0	0	0	1	1	0	600	600	0
9/20/2023 21:15	41901 REED_T1	1	2	1	0.1	0.2	0.1	0	0	1	1	0	900	900	0
9/20/2023 21:15	62604 ENGL_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9/20/2023 21:16	52401 GRPA_T2	1	2	1	0.2	0.3	0.1	0	0	0	0	0	0	0	0
9/20/2023 21:16	67502 WEWI_T2	12	234	222	0.16	0.22	0.06	0	0	1	1	0	900	900	0
9/20/2023 21:16	46001 BERW_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9/20/2023 21:16	44301 BEAV_T2	1	0	-1	0.1	0	-0.1	0	0	1	1	0	600	600	0
9/20/2023 21:16	12701 MACU_T1	1	1	0	6.5	1.5	-5	0	0	0	0	0	0	0	0
9/20/2023 21:16	56802 BENV_T2	1	89	88	0.5	0.16	-0.34	0	0	0	0	0	0	0	0
9/20/2023 21:16	55101 WERT_T1	0	0	0	0	0	0	0	0	1	1	0	900	900	0
9/20/2023 21:16	44202 POIN_T2	0	0	0	0	0	0	0	0	1	1	0	1200	1200	0
9/20/2023 21:16	66703 STRA_T1	6	7	1	0.4	0.64	0.24	0	0	0	0	0	0	0	0
9/20/2023 21:17	46803 HEPB_T2	1	9	8	0.2	0.16	-0.04	0	0	0	0	0	0	0	0
9/20/2023 21:17	44202 POIN_T2	0	0	0	0	0	0	0	0	1	1	0	1200	1200	0
9/20/2023 21:17	13704 SCHN_T2	2	4	2	0.1	0.2	0.1	0	0	0	0	0	0	0	0
9/20/2023 21:17	56801 BENV_T1	27	38	11	0.56	0.9	0.34	0	0	1	1	0	600	600	0
9/20/2023 21:17	42201 SHEN_T2	0	0	0	0	0	0	0	0	1	1	0	600	600	0
9/20/2023 21:17	61801 EEL_T2	2	16	14	1.2	0.35	-0.85	0	0	1	1	0	600	600	0
9/20/2023 21:17	12701 MACU_T1	1	1	0	6.5	1.5	-5	0	0	0	0	0	0	0	0
9/20/2023 21:17	56802 BENV_T2	1	89	88	0.5	0.16	-0.34	0	0	0	0	0	0	0	0
9/20/2023 21:18	45003 LIME_2	2	2	0	2.5	2.55	0.05	0	0	1	1	0	1200	1200	0
9/20/2023 21:18	40901 JESH_T1	2	38	36	0.1	0.2	0.1	0	0	0	0	0	0	0	0
9/20/2023 21:18	46504 LOHA_T1	2	2	0	0.25	1.05	0.8	0	0	0	0	0	0	0	0
9/20/2023 21:18	43304 WATS_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9/20/2023 21:18	44301 BEAV_T2	1	0	-1	0.1	0	-0.1	0	0	1	1	0	600	600	0
9/20/2023 21:18	64802 MONE_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9/20/2023 21:18	56801 BENV_T1	27	38	11	0.56	0.9	0.34	0	0	1	1	0	600	600	0
9/20/2023 21:18	59002 MIFF_T1	1	5	4	0.1	0.28	0.18	0	0	0	0	0	0	0	0
9/20/2023 21:18	40101 HUNT_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9/20/2023 21:18	55101 WERT_T1	0	48	48	0	0.21	0.21	0	0	2	2	0	1800	1800	0
9/20/2023 21:18	43202 MVIL_T2	0	48	48	0	0.21	0.21	0	0	0	0	0	0	0	0
9/20/2023 21:20	56801 BENV_T1	27	38	11	0.56	0.9	0.34	0	0	1	1	0	600	600	0
9/20/2023 21:20	58402 MORO_T1	0	0	0	0	0	0	0	0	4	2	-2	3000	1200	-1800
9/20/2023 21:23	59402 RFLD_T2	22	59	37	0.22	0.32	0.1	0	0	1	1	0	450	450	0
9/20/2023 21:24	56802 BENV_T2	1	89	88	0.5	0.16	-0.34	0	0	0	0	0	0	0	0
9/20/2023 21:24	54701 NEBL_T1	0	4	4	0	0.23	0.23	0	0	1	1	0	600	600	0
9/20/2023 21:25	53501 EVIL_T2	1	4	3	0.2	0.23	0.03	0	0	1	1	0	600	600	0
9/20/2023 21:25	56802 BENV_T2	1	89	88	0.5	0.16	-0.34	0	0	0	0	0	0	0	0
9/20/2023 21:26	53501 EVIL_T2	1	4	3	0.2	0.23	0.03	0	0	1	1	0	600	600	0
9/20/2023 21:27	56802 BENV_T2	1	89	88	0.5	0.16	-0.34	0	0	0	0	0	0	0	0
9/20/2023 21:27	53903 HALI_T2	1	2	1	0.5	1.45	0.95	0	0	0	0	0	0	0	0
9/20/2023 21:28	43402 BENT_T1	0	0	0	0	0	0	0	0	1	1	0	900	900	0
9/20/2023 21:29	43402 BENT_T1	0	0	0	0	0	0	0	0	1	1	0	900	900	0
9/20/2023 21:29	56802 BENV_T2	1	89	88	0.5	0.16	-0.34	0	0	0	0	0	0	0	0
9/20/2023 21:38	53903 HALI_T2	2	2	0	1	1.5	0.5	0	0	0	0	0	0	0	0
9/20/2023 21:39	53501 EVIL_T2	4	5	1	0.23	0.22	-0.01	0	0	1	1	0	600	600	0
9/20/2023 21:49	52402 GRPA_T2	5	5	0	1.84	2	0.16	0	0	0	0	0	0	0	0
9/20/2023 21:56	61301 EARL_T1	0	0	0	0	0	0	0	0	1	1	0	900	900	0
9/20/2023 22:28	43402 BENT_T1	0	0	0	0	0	0	0	0	1	1	0	900	900	0
9/20/2023 22:29	43402 BENT_T1	0	0	0	0	0	0	0	0	1	1	0	900	900	0
9/20/2023 23:28	43402 BENT_T1	0	0	0	0	0	0	0	0	1	1	0	900	900	0
9/20/2023 23:29	43402 BENT_T1	0	0	0	0	0	0	0	0	1	1	0	900	900	0
9/21/2023 0:08	43402 BENT_T1	0	0	0	0	0	0	0	0	1	1	0	900	900	0
9/21/2023 0:11	28403 HART_T2	0	0	0	0	0	0	0	0	1	1	0	900	900	0
9/21/2023 0:28	60803 BUCK_T1	0	2	2	0	0.15	0.15	0	0	0	0	0	0	0	0
9/21/2023 0:28	60101 COCA_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9/21/2023 0:28	47802 MOCA_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9/21/2023 0:28	63404 HONY_T1	269	295	26	0.85	1.05	0.2	0	0	0	0	0	0	0	0
9/21/2023 0:28	56802 BENV_T2	1	1	0	0.8	0.8	0	0	0	0	0	0	0	0	0
9/21/2023 0:28	42201 SHEN_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9/21/2023 0:28	42903 MIDD_T2	11	34	23	0.59	0.31	-0.28	0	0	0	0	0	0	0	0
9/21/2023 0:28	53501 EVIL_T2	6	9	3	0.18	0.26	0.08	0	0	0	0	0	0	0	0
9/21/2023 0:28	17804 GLIB_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9/21/2023 0:28	62604 ENGL_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9/21/2023 0:28	49803 UNIV_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9/21/2023 0:28	14403 SSLA_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9/21/2023 0:28	59003 MIFF_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9/21/2023 0:28	28403 HART_T2	0	0	0	0	0	0	0	0	1	1	0	900	900	0
9/21/2023 0:28	52404 GRPA_T2	1	0	-1	0.1	0	-0.1	0	0	0	0	0	0	0	0
9/21/2023 0:28	47101 MARL_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9/21/2023 0:28	28602 BLYT_T2	1	1	0	0.6	0.5	-0.1	0	0	0	0	0	0	0	0
9/21/2023 0:28	42701 AUGU_T1	1	1	0	0.5	0.7	0.2	0	0	8	8	0	7200	7200	0
9/21/2023 0:28	67502 WEWI_T2	1	1	0	0	0	0	0	0	2	2	0	1800	1800	0
9/21/2023 0:28	67503 WEWI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9/21/2023 0:28	45802 HEGI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9/21/2023 0:28	46203 DANV_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9/21/2023 0:28	55101 WERT_T1	0	0	0	0	0	0	0	0	2	2	0	1500	1500	0
9/21/2023 0:28	12701 MACU_T1	1	1	0	2.5	5.4	2.9	0	0	0	0	0	0	0	0
9/21/2023 0:28	24105 EHAZ_T1	4	4	0	5.48	5.3	-0.18	0	0	0	0	0	0	0	0
9/21/2023 0:28	43202 MVIL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9/21/2023 0:28	53601 DALM_T2	1	1	0	1.3	1.6	0.3	0	0	0	0	0	0	0	0
9/21/2023 0:28	64101 REFR_T1	3	3	0	9.17	9.4	0.23	0	0	0	0	0	0	0	0
9/21/2023 0:28	44203 POIN_T2	0	0	0	0	0	0	0	0	12	12	0	12600	12600	0
9/21/2023 0:28	44801 EDAN_T2	1	1	0	0.5	0.7	0.2	0	0	0	0	0	0	0	0
9/21/2023 0:28	65903 SAKR_T2	2	2	0	0.35	0.35	0	0	0	0	0	0	0	0	0
9/21/2023 0:28	45902 AUBU_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9/21/2023 0:28	29401 BELT_T1	0	0	0	0	0	0	0	0	1	1	0	900	900	0
9/21/2023 0:28	29401 BELT_T1	0	0	0	0	0	0	0	0	1	1	0	900	900	0
9/21/2023 0:28	20403 ASHF_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9/21/2023 0:28	26603 BROO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9/21/2023 0:28	44201 POIN_T1	0	0	0	0	0	0	0	0	4	4	0	4200	4200	0
9/21/2023 0:28	67204 TEHI_T2	12	99	87	0.11	0.21	0.1	0	0	0	0	0	0	0	0
9/21/2023 0:28	16302 ALPA_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9/21/2023 0:28	45003 LIME_2	1	1	0	4.5	4.8	0.3	0	0	0	0	0	0	0	0
9/21/2023 0:28	65001 NEFF_T2	0	0	0	0	0	0	0	0	1	1	0	1200	1200	0
9/21/2023 0:28	10805 CHHI_T2	1	1	0	7.6	7.4	-0.2	0	0	1	1	0	600	600	0
9/21/2023 0:28	66505 SMAN_T2	3	3	0	0.47	0.7	0.23	0	0	1	1	0	900	900	0
9/21/2023 0:28	64801 MONE_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9/21/2023 1:09	60101 COCA_T1	0	1	1	0	0.4	0.4	0	0	0	0	0	0	0	0
9/21/2023 1:45	23401 HONE_T2	1	1	0	0.8	0.1	-0.7	0	0	0	0	0	0	0	0
9/21/2023 4:28	53903 HALI_T2	2	2	0	1.2	1	-0.2	0	0	0	0	0	0	0	0
9/21/2023 4:32	53901 HALI_T2	2	2	0	0.5	0.5	0	0	0	0	0	0	0	0	0
9/21/2023 7:52	43001 ALWD_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9/21/2023 8:02	54701 NEBL_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9/21/2023 8:02	46501 LOHA_T1	1	1	0	0.8	0.9	0.1	0	0	1	1	0	1200	1200	0
9/21/2023 8:03	54701 NEBL_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9/21/2023 8:03	46503 LOHA_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9/21/2023 8:05	59402 RFLD_T2	0	0	0	0	0	0	0	0	1	1	0	450	450	0
9/21/2023 8:08	56802 BENV_T2	2	616	614	0.7	0.4	-0.3	0	0	0	0	0	0	0	0
9/21/2023 8:08	58001 WCAR_T1	4	4	0	0.95	1.33	0.38	0	0	0	0	0	0	0	0
9/21/2023 8:09	56802 BENV_T2	2	616	614	0.7	0.4	-0.3	0	0	0	0	0	0	0	0
9/21/2023 8:15	46801 HEPB_T2	4	17	13	0.65	0.26	-0.39	0	0	0	0	0	0	0	0
9/21/2023 8:23	46203 DANV_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9/21/2023 8:23	59101 WALK_T2	1	1	0	0	0	0	0	0	0	0	0	0	0	0
9/21/2023 8:25	56802 BENV_T2	569	673	104	0.33	0.42	0.09	0	0	0	0	0	0	0	0
9/21/2023 8:28	59003 MIFF_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9/21/2023 8:30	40101 HUNT_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9/21/2023 8:32	47101 MARL_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9/21/2023 8:32	59003 MIFF_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9/21/2023 8:33	54701 NEBL_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9/21/2023 8:34	46506 LOHA_T1	1	0	-1	0.6	0	-0.6	0	0	0	0	0	0	0	0
9/21/2023 8:35	46504 LOHA_T1	13	2	-11	0.21	0.55	0.34	0	0	0	0	0	0	0	0
9/21/2023 8:43	52403 GRPA_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9/21/2023 8:44	54505 ENOL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9/21/2023 8:46	46801 HEPB_T2	16	30	14	0.26	0.33	0.07	0	0	0	0	0	0	0	0
9/21/2023 8:50	55101 WERT_T1	0	0	0	0	0	0	0	0	4	4	0	3000	3000	0
9/21/2023 8:51	55101 WERT_T1	0	0	0	0	0	0	0	0	2	2	0	1500	1500	0
9/21/2023 8:52	55101 WERT_T1	0	0	0	0	0	0	0	0	2	2	0	1500	1500	0
9/21/2023 8:54	56802 BENV_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9/21/2023 8:55	55101 WERT_T1	0	0	0	0	0	0	0	0	2	2	0	1500	1500	0
9/21/2023 8:55	53601 DALM_T2	1	1	0	1.1	1.3	0.2	0	0	1	1	0	900	900	0
9/21/2023 8:57	56802 BENV_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9/21/2023 9:01	58402 MORO_T1	0	0	0	0	0	0	0	0	2	2	0	1500	1500	0
9/21/2023 9:02	59003 MIFF_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9/21/2023 9:02	54701 NEBL_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9/21/2023 9:03	54701 NEBL_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9/21/2023 9:03	58402 MORO_T1	0	0	0	0	0	0	0	0	2	2	0	1500	1500	0
9/21/2023 9:04	59003 MIFF_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9/21/2023 9:04	58402 MORO_T1	0	0	0	0	0	0	0	0	2	2	0	1500	1500	0
9/21/2023 9:08	26603 BROO_T1	0	1	1	0	0.2	0.2	0	0	0	0	0	0	0	0
9/21/2023 9:11	26603 BROO_T1	0	1	1	0	0.2	0.2	0	0	0	0	0	0	0	0
9/21/2023 9:20	13704 SCHN_T2	1	1	0	0.3	0.3	0	0	0	0	0	0	0	0	0
9/21/2023 9:21	14401 SSLA_T1	1	2	1	0.2	0.1	-0.1	0	0	0	0	0	0	0	0
9/21/2023 9:22	14401 SSLA_T1	1	2	1	0.2	0.1	-0.1	0	0	0	0	0	0	0	0
9/21/2023 9:27	49803 UNIV_T1	1	1	0	0.6	0.9	0.3	0	0	0	0	0	0	0	0
9/21/2023 9:32	43202 MVIL_T2	1	1	0	0.8	0.6	-0.2	0	0	0	0	0	0	0	0
9/21/2023 9:33	43202 MVIL_T2	1	1	0	0.8	0.6	-0.2	0	0	0	0	0	0	0	0
9/21/2023 9:33	42002 MNVL_T2	1	1	0	3.1	3.3	0.2	0	0	0	0	0	0	0	0
9/21/2023 9:33	44601 SALE_T2	0	0	0	0	0	0	0	0	1	2	1	600	900	300
9/21/2023 9:33	13503 MCMI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9/21/2023 9:34	47101 MARL_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9/21/2023 9:37	45902 AUBU_T1	0	0	0	0	0	0	0	0	1	1	0	600	600	0
9/21/2023 9:37	15001 BLMO_T1	2	2	0	0.2	0.25	0.05	0	0	0	0	0	0	0	0
9/21/2023 9:37	40902 JESH_T1	0	0	0	0	0	0	0	0	2	2	0	1200	1200	0
9/21/2023 9:38	42701 AUGU_T1	2	2	0	0.5	0.55	0.05	0	0	2	2	0	1800	1800	0
9/21/2023 9:39	42701 AUGU_T1	2	2	0	0.5	0.55	0.05	0	0	2	2	0	1800	1800	0
9/21/2023 9:41	10801 CHHI_T1	1	1	0	0.1	0.3	0.2	0	0	1	1	0	900	900	0
9/21/2023 9:42	56603 HAMP_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9/21/2023 9:46	41901 REED_T1	2	0	-2	0.2	0	-0.2	0	0	1	1	0	900	900	0
9/21/2023 9:47	56503 ROCK_T2	1	2	1	0.1	0.15	0.05	0	0	0	0	0	0	0	0
9/21/2023 9:49	40902 JESH_T1	0	0	0	0	0	0	0	0	2	2	0	1200	1200	0
9/21/2023 9:50	67204 TEHI_T2	0	1	1	0	0.2	0.2	0	0	0	0	0	0	0	0
9/21/2023 9:51	52402 GRPA_T2	6	7	1	1.1	0.96	-0.14	0	0	0	0	0	0	0	0
9/21/2023 9:51	67204 TEHI_T2	0	1	1	0	0.2	0.2	0	0	0	0	0	0	0	0
9/21/2023 9:51	56802 BENV_T2	577	509	-68	0.41	0.43	0.02	0	0	0	0	0	0	0	0
9/21/2023 9:52	15001 BLMO_T1	2	2	0

9/21/2023 10:07	66501 SMAN_T2	0	1	1	0	0.1	0.1	0	0	0	0	0	0	0	0
9/21/2023 10:07	59102 WALK_T2	0	1	1	0	0.3	0.3	0	0	0	0	0	0	0	0
9/21/2023 10:08	56802 BENV_T2	348	539	191	0.48	0.5	0.02	0	0	0	0	0	0	0	0
9/21/2023 10:08	45402 WBLO_T2	3	2	-1	0.6	0.7	0.1	0	0	0	0	0	0	0	0
9/21/2023 10:08	15001 BLMO_T1	2	2	0	0.25	0.35	0.1	0	0	0	0	0	0	0	0
9/21/2023 10:08	59102 WALK_T2	0	1	1	0	0.3	0.3	0	0	0	0	0	0	0	0
9/21/2023 10:08	14402 SSLA_T1	2	4	2	0.3	0.25	-0.05	0	0	0	0	0	0	0	0
9/21/2023 10:08	42701 AUGU_T1	2	2	0	0.35	0.2	-0.15	0	0	2	2	0	1800	1800	0
9/21/2023 10:08	46203 DANV_T2	2	4	2	0.4	0.63	0.23	0	0	0	0	0	0	0	0
9/21/2023 10:08	26603 BROO_T1	0	1	1	0	0.1	0.1	0	0	0	0	0	0	0	0
9/21/2023 10:09	53601 DALM_T2	1	1	0	0.6	0.8	0.2	0	0	1	1	0	900	900	0
9/21/2023 10:09	60801 BUCK_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9/21/2023 10:09	56802 BENV_T2	348	539	191	0.48	0.5	0.02	0	0	0	0	0	0	0	0
9/21/2023 10:09	67502 WEWI_T2	9	13	4	0.18	0.27	0.09	0	0	0	0	0	0	0	0
9/21/2023 10:09	42701 AUGU_T1	2	2	0	0.35	0.2	-0.15	0	0	2	2	0	1800	1800	0
9/21/2023 10:10	42701 AUGU_T1	2	2	0	0.35	0.2	-0.15	0	0	2	2	0	1800	1800	0
9/21/2023 10:10	56802 BENV_T2	348	539	191	0.48	0.5	0.02	0	0	0	0	0	0	0	0
9/21/2023 10:11	26603 BROO_T1	0	1	1	0	0.1	0.1	0	0	0	0	0	0	0	0
9/21/2023 10:11	17804 GILB_T2	5	5	0	0.54	0.44	-0.1	0	0	0	0	0	0	0	0
9/21/2023 10:12	52403 GRPA_T2	0	3	3	0	0.17	0.17	0	0	0	0	0	0	0	0
9/21/2023 10:12	56802 BENV_T2	348	539	191	0.48	0.5	0.02	0	0	0	0	0	0	0	0
9/21/2023 10:12	28403 HART_T2	0	0	0	0	0	0	0	0	1	1	0	900	900	0
9/21/2023 10:13	56802 BENV_T2	348	539	191	0.48	0.5	0.02	0	0	0	0	0	0	0	0
9/21/2023 10:13	23401 HONE_T2	2	2	0	0.1	0.3	0.2	0	0	0	0	0	0	0	0
9/21/2023 10:14	59003 MIFF_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9/21/2023 10:14	42903 MIDD_T2	2	2	0	0.3	0.55	0.25	0	0	0	0	0	0	0	0
9/21/2023 10:14	45802 HEGI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9/21/2023 10:15	46801 HEPB_T2	3	2	-1	0.77	1.15	0.38	0	0	0	0	0	0	0	0
9/21/2023 10:15	13503 MCMI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9/21/2023 10:15	64802 MONE_T2	3	36	33	0.23	0.36	0.13	0	0	0	0	0	0	0	0
9/21/2023 10:16	47101 MARL_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9/21/2023 10:16	43202 MVIL_T2	1	1	0	0.7	1	0.3	0	0	0	0	0	0	0	0
9/21/2023 10:17	58401 MORO_T1	3	3	0	0.17	0.47	0.3	0	0	0	0	0	0	0	0
9/21/2023 10:17	59001 MIFF_T1	1	1	0	0.5	1	0.5	0	0	0	0	0	0	0	0
9/21/2023 10:17	43202 MVIL_T2	1	1	0	0.7	1	0.3	0	0	0	0	0	0	0	0
9/21/2023 10:17	41902 REID_T1	0	1	1	0	0	0	0	0	0	0	0	0	0	0
9/21/2023 10:19	40902 JESH_T1	0	0	0	0	0	0	0	0	2	0	-2	1200	0	-1200
9/21/2023 10:19	59402 RFLD_T2	0	1	1	0	0.4	0.4	0	0	1	0	-1	450	0	-450
9/21/2023 10:20	66502 SMAN_T2	0	1	1	0	0.3	0.3	0	0	0	0	0	0	0	0
9/21/2023 10:20	58402 MORO_T1	0	0	0	0	0	0	0	0	2	0	-2	1500	0	-1500
9/21/2023 10:20	55101 WERT_T1	0	0	0	0	0	0	0	0	2	0	-2	1500	0	-1500
9/21/2023 10:20	43301 WATS_T2	1	1	0	0.9	0.8	-0.1	0	0	0	0	0	0	0	0
9/21/2023 10:20	52502 PROG_T2	1	2	1	0.3	0.5	0.2	0	0	1	0	-1	900	0	-900
9/21/2023 10:20	44601 SALE_T2	0	1	1	0	0.2	0.2	0	0	2	0	-2	900	0	-900
9/21/2023 10:20	59402 RFLD_T2	0	1	1	0	0.4	0.4	0	0	2	0	-2	900	0	-900
9/21/2023 10:21	67502 WEWI_T2	7	13	6	0.2	0.33	0.13	0	0	0	0	0	0	0	0
9/21/2023 10:22	20403 ASHF_T2	1	6	5	0.4	0.42	0.02	0	0	0	0	0	0	0	0
9/21/2023 10:22	15001 BLMO_T1	2	2	0	0.35	0.35	0	0	0	0	0	0	0	0	0
9/21/2023 10:24	24105 EHAZ_T1	4	4	0	6.25	6.18	-0.07	0	0	0	0	0	0	0	0
9/21/2023 10:24	56802 BENV_T2	504	439	-65	0.42	0.58	0.16	0	0	0	0	0	0	0	0
9/21/2023 10:24	20401 ASHF_T2	1	1	0	0.5	0.7	0.2	0	0	0	0	0	0	0	0
9/21/2023 10:24	67502 WEWI_T2	7	13	6	0.2	0.33	0.13	0	0	0	0	0	0	0	0
9/21/2023 10:24	15001 BLMO_T1	2	2	0	0.35	0.35	0	0	0	0	0	0	0	0	0
9/21/2023 10:25	67502 WEWI_T2	7	13	6	0.2	0.33	0.13	0	0	0	0	0	0	0	0
9/21/2023 10:25	49804 UNIV_T1	1	1	0	0.1	0.2	0.1	0	0	0	0	0	0	0	0
9/21/2023 10:26	41801 GOCI_T2	4	16	12	0.55	0.38	-0.17	0	0	0	0	0	0	0	0
9/21/2023 10:27	56802 BENV_T2	504	439	-65	0.42	0.58	0.16	0	0	0	0	0	0	0	0
9/21/2023 10:28	17805 GILB_T2	2	2	0	0.45	0.35	-0.1	0	0	0	0	0	0	0	0
9/21/2023 10:28	61803 EELI_T2	1	1	0	0.5	1.4	0.9	0	0	0	0	0	0	0	0
9/21/2023 10:29	59301 MCAL_T1	1	4	3	0.4	0.3	-0.1	0	0	1	0	-1	600	0	-600
9/21/2023 10:30	52401 GRPA_T2	2	3	1	0.35	0.23	-0.12	0	0	0	0	0	0	0	0
9/21/2023 10:30	17805 GILB_T2	2	1	-1	0.35	0.4	0.05	0	0	0	0	0	0	0	0
9/21/2023 10:31	59301 MCAL_T1	4	4	0	0.3	0.25	-0.05	0	0	0	0	0	0	0	0
9/21/2023 10:31	64301 LINC_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9/21/2023 10:32	59301 MCAL_T1	4	4	0	0.3	0.25	-0.05	0	0	0	0	0	0	0	0
9/21/2023 10:35	56501 ROCK_T2	9	9	0	0.5	0.38	-0.12	0	0	0	0	0	0	0	0
9/21/2023 10:35	67401 WAKE_T2	0	1	-1	0	0.2	0.2	0	0	0	0	0	0	0	0
9/21/2023 10:38	59101 WALK_T2	1	2	1	0	0.7	0.7	0	0	0	0	0	0	0	0
9/21/2023 10:39	10801 CHHI_T1	6	6	0	0.28	0.45	0.17	0	0	0	0	0	0	0	0
9/21/2023 10:39	53501 EVIL_T2	1	1	0	0.2	0.3	0.1	0	0	0	0	0	0	0	0
9/21/2023 10:40	67502 WEWI_T2	12	8	-4	0.28	0.36	0.08	0	0	0	0	0	0	0	0
9/21/2023 10:40	15001 BLMO_T1	2	2	0	0.3	0.35	0.05	0	0	0	0	0	0	0	0
9/21/2023 10:40	53501 EVIL_T2	1	1	0	0.2	0.3	0.1	0	0	0	0	0	0	0	0
9/21/2023 10:41	46001 BERW_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9/21/2023 10:42	52004 LING_T2	2	2	0	0.3	0.55	0.25	0	0	0	0	0	0	0	0
9/21/2023 10:43	53902 HALI_T2	1	1	0	1	1.1	0.1	0	0	0	0	0	0	0	0
9/21/2023 10:44	53501 EVIL_T2	1	1	0	0.2	0.3	0.1	0	0	0	0	0	0	0	0
9/21/2023 10:46	46302 ROHR_T1	5	5	0	1.54	1.38	-0.16	0	0	0	0	0	0	0	0
9/21/2023 10:51	54701 NEBL_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9/21/2023 10:56	56801 BENV_T1	42	46	4	0.62	0.75	0.13	0	0	0	0	0	0	0	0
9/21/2023 10:58	61301 EARL_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9/21/2023 10:59	42201 SHEN_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9/21/2023 10:59	66701 STRA_T1	1	1	0	0.3	1	0.7	0	0	0	0	0	0	0	0
9/21/2023 10:59	55101 WERT_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9/21/2023 11:00	56801 BENV_T1	34	46	12	0.7	0.78	0.08	0	0	0	0	0	0	0	0
9/21/2023 11:00	56802 BENV_T2	367	631	264	0.59	0.45	-0.14	0	0	0	0	0	0	0	0
9/21/2023 11:02	46503 LOHA_T1	0	1	1	0	0.5	0.5	0	0	0	0	0	0	0	0
9/21/2023 11:02	55101 WERT_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9/21/2023 11:03	46503 LOHA_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9/21/2023 11:03	56803 BENV_T1	3	2	-1	0.43	0.75	0.32	0	0	0	0	0	0	0	0
9/21/2023 11:03	55101 WERT_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9/21/2023 11:04	64801 MONE_T2	5	6	1	0.2	0.27	0.07	0	0	0	0	0	0	0	0
9/21/2023 11:04	56803 BENV_T1	3	2	-1	0.43	0.75	0.32	0	0	0	0	0	0	0	0
9/21/2023 11:05	13704 SCHN_T2	1	1	0	0.1	0.5	0.4	0	0	0	0	0	0	0	0
9/21/2023 11:05	54001 SDLE_T1	2	9	7	0.65	0.97	0.32	0	0	0	0	0	0	0	0
9/21/2023 11:05	56803 BENV_T1	3	2	-1	0.43	0.75	0.32	0	0	0	0	0	0	0	0
9/21/2023 11:06	67502 WEWI_T2	4	8	4	0.23	0.3	0.07	0	0	0	0	0	0	0	0
9/21/2023 11:06	28604 BLYT_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9/21/2023 11:06	54701 NEBL_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9/21/2023 11:06	52401 GRPA_T2	3	8	5	0.23	0.4	0.17	0	0	0	0	0	0	0	0
9/21/2023 11:08	60701 BREC_T1	0	2	2	0	0.6	0.6	0	0	0	0	0	0	0	0
9/21/2023 11:08	55101 WERT_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9/21/2023 11:08	61103 BERK_T5	0	1	1	0	0.2	0.2	0	0	0	0	0	0	0	0
9/21/2023 11:09	55101 WERT_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9/21/2023 11:09	60803 BUCK_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9/21/2023 11:10	46001 BERW_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9/21/2023 11:10	60803 BUCK_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9/21/2023 11:10	60701 BREC_T1	0	2	2	0	0.6	0.6	0	0	0	0	0	0	0	0
9/21/2023 11:10	51604 DUKE_T2	4	5	1	0.5	0.48	-0.02	0	0	0	0	0	0	0	0
9/21/2023 11:10	54701 NEBL_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9/21/2023 11:11	60701 BREC_T1	0	2	2	0	0.6	0.6	0	0	0	0	0	0	0	0
9/21/2023 11:11	29402 BELT_T1	3	4	1	0.3	0.3	0	0	0	0	0	0	0	0	0
9/21/2023 11:11	54701 NEBL_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9/21/2023 11:12	45402 WBLO_T2	3	3	0	0.53	0.77	0.24	0	0	0	0	0	0	0	0
9/21/2023 11:13	53903 HALI_T2	6	8	2	0.55	0.68	0.13	0	0	0	0	0	0	0	0
9/21/2023 11:15	45802 HEGI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9/21/2023 11:15	42401 GIMA_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9/21/2023 11:15	28403 HART_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9/21/2023 11:16	59003 MIFF_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9/21/2023 11:16	53901 HALI_T2	4	4	0	0.63	0.73	0.1	0	0	0	0	0	0	0	0
9/21/2023 11:17	59003 MIFF_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9/21/2023 11:18	65001 NEFF_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9/21/2023 11:19	59001 MIFF_T1	3	2	-1	0.53	0.8	0.27	0	0	0	0	0	0	0	0
9/21/2023 11:20	59101 WALK_T2	2	2	0	1.1	1	-0.1	0	0	0	0	0	0	0	0
9/21/2023 11:20	42201 SHEN_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9/21/2023 11:23	41602 CLEV_T1	0	1	1	0	0.5	0.5	0	0	0	0	0	0	0	0
9/21/2023 11:25	60101 COCA_T1	3	3	0	0.3	0.5	0.2	0	0	0	0	0	0	0	0
9/21/2023 11:25	10805 CHHI_T2	1	1	0	8.5	8.3	-0.2	0	0	0	0	0	0	0	0
9/21/2023 11:26	60101 COCA_T1	3	3	0	0.3	0.5	0.2	0	0	0	0	0	0	0	0
9/21/2023 11:28	53902 HALI_T2	2	2	0	0.6	0.75	0.15	0	0	0	0	0	0	0	0
9/21/2023 11:29	59003 MIFF_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9/21/2023 11:30	64303 LINC_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9/21/2023 11:32	52502 PROG_T2	3	4	1	0.2	0.3	0.1	0	0	0	0	0	0	0	0
9/21/2023 11:32	46501 LOHA_T1	1	1	0	0.1	0.1	0	0	0	0	0	0	0	0	0
9/21/2023 11:32	59003 MIFF_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9/21/2023 11:32	54701 NEBL_T1	4	4	0	0.18	0.15	-0.03	0	0	0	0	0	0	0	0
9/21/2023 11:33	46501 LOHA_T1	1	1	0	0.1	0.1	0	0	0	0	0	0	0	0	0
9/21/2023 11:33	47101 MARL_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9/21/2023 11:33	59402 RFLD_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9/21/2023 11:34	56501 ROCK_T2	4	5	1	0.48	0.42	-0.06	0	0	0	0	0	0	0	0
9/21/2023 11:35	56501 ROCK_T2	4	5	1	0.48	0.42	-0.06	0	0	0	0	0	0	0	0
9/21/2023 11:35	40902 JESH_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9/21/2023 11:35	66701 STRA_T1	1	1	0	1	0.9	-0.1	0	0	0	0	0	0	0	0
9/21/2023 11:35	59402 RFLD_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9/21/2023 11:36	66502 SMAN_T2	0	1	1	0	0.3	0.3	0	0	0	0	0	0	0	0
9/21/2023 11:36	54001 SDLE_T1	9	10	1	0.92	0.81	-0.11	0	0	0	0	0	0	0	0
9/21/2023 11:37	59402 RFLD_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9/21/2023 11:37	15001 BLMO_T1	3	3	0	0.3	0.4	0.1	0	0	0	0	0	0	0	0
9/21/2023 11:37	67502 WEWI_T2	6	10	4	0.33	0.36	0.03	0	0	0	0	0	0	0	0
9/21/2023 11:38	67503 WEWI_T2	0	1	1	0	0.1	0.1	0	0	0	0	0	0	0	0
9/21/2023 11:38	40901 JESH_T1	0	1	1	0	0.1	0.1	0	0	0	0	0	0	0	0
9/21/2023 11:39	46203 DANV_T2	8	8	0	0.61	0.54	-0.07	0	0	0	0	0	0	0	0
9/21/2023 11:39	67503 WEWI_T2	0	1	1	0	0.1	0.1	0	0	0	0	0	0	0	0
9/21/2023 11:40	15001 BLMO_T1	3	3	0	0.3	0.4	0.1	0	0	0	0	0	0	0	0
9/21/2023 11:41	67502 WEWI_T2	6	10	4	0.33	0.36	0.03	0	0	0	0	0	0	0	0
9/21/2023 11:41	67503 WEWI_T2	0	1	1	0	0.1	0.1	0	0	0	0	0	0	0	0
9/21/2023 11:41	24105 EHAZ_T1	4	4	0	6.23	6.3	0.07	0	0	0	0	0	0	0	0
9/21/2023 11:41	15001 BLMO_T1	3	3	0	0.3	0.4	0.1	0	0	0	0	0	0	0	0
9/21/2023 11:42	15001 BLMO_T1	3	3	0	0.3	0.4	0.1	0	0	0	0	0	0	0	0
9/21/2023 11:44	41801 GOCI_T2	43	119	76	0.31	0.35	0.04	0	0	0	0	0	0	0	0
9/21/2023 11:46	42903 MIDD_T2	2	2	0	0.25	0.85	0.6	0	0	0	0	0	0	0	0
9/21/2023 11:47	52502 PROG_T2	2	4	2	0.4	0.4	0	0	0	0	0	0	0	0	0
9/21/2023 11:47	47101 MARL_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9/21/2023 11:47	54701 NEBL_T1	3	5	2	0.17	0.16	-0.01	0	0	0	0	0	0	0	0
9/21/2023 11:48	46506 LOHA_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9/21/2023 11:48	59402 RFLD_T2	0	6	6	0	0.33	0.33	0	0	0	0	0	0	0	0
9/21/2023 11:49	54701 NEBL_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9/21/2023 11:49	46501 LOHA_T1	0	1	1	0	0.1	0.1	0	0	0	0	0	0	0	0
9/21/2023 11:51	59402 RFLD_T2	0	6	6	0	0.33	0.33	0	0	0	0	0	0	0	0
9/21/2023 11:51	66703 STRA_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9/21/2023 11:51	45902 AUBU_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9/21/2023 11:51	54701 NEBL_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9/21/2023 11:52	66501 SMAN_T2	0	1	1	0	0.2	0.2	0	0	0	0	0	0	0	0
9/21/2023 11:52	46001 BERW_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9/21/2023 11:52	54001 SDLE_T1	8	10	2	0.9	0.87	-0.03	0	0	0	0	0	0	0	0
9/21/2023 11:53	59402 RFLD_T2	0	6	6	0	0.33	0.33	0	0	0	0	0	0	0	0
9/21/2023 11:54	20403 ASHF_T2	5	7	2	0.5	0.47	-0.03	0	0	0	0	0	0	0	0
9/21/2023 11:56	20403 ASHF_T2	5	7	2	0.5	0.47	-0.03	0	0	0	0	0	0	0	0
9/21/2023 11:59	41801 GOCI_T2	101	209	108	0.33	0.38	0.05	0	0	0	0	0	0	0	0
9/21/2023 12:00	44902 SCOT_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9/21/2023 12:00	46501 LOHA_T1	1	1	0	0.1	0.1	0	0	0	0	0	0	0	0	0
9/21/2023 12:02	45001 LIME_2	0	2	2	0	0.2	0

Appendix C - Grid Benefits Achieved in Each Instance of Active Management

9/21/2023 12:52	54701 NEBL_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9/21/2023 12:53	14801 TREI_T2	5	4	-1	0.72	0.8	0.08	0	0	0	0	0	0	0	0
9/21/2023 12:53	20403 ASHF_T2	6	11	5	0.53	0.65	0.12	0	0	0	0	0	0	0	0
9/21/2023 12:53	15001 BLMO_T1	2	2	0	0.55	0.5	-0.05	0	0	0	0	0	0	0	0
9/21/2023 12:54	20403 ASHF_T2	6	11	5	0.53	0.65	0.12	0	0	0	0	0	0	0	0
9/21/2023 12:56	15001 BLMO_T1	2	2	0	0.55	0.5	-0.05	0	0	0	0	0	0	0	0
9/21/2023 13:00	40101 HUNT_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9/21/2023 13:01	47401 PENS_T1	0	1	1	0	0	0	0	0	0	0	0	0	0	0
9/21/2023 13:02	47403 PENS_T1	1	1	0	2.2	2.1	-0.1	0	0	0	0	0	0	0	0
9/21/2023 13:03	47403 PENS_T1	1	1	0	2.2	2.1	-0.1	0	0	0	0	0	0	0	0
9/21/2023 13:03	41902 REED_T1	1	1	0	0.5	0.6	0.1	0	0	0	0	0	0	0	0
9/21/2023 13:04	47402 PENS_T1	1	1	0	0.4	0.3	-0.1	0	0	0	0	0	0	0	0
9/21/2023 13:04	15604 NSTR_T1	1	4	3	0.1	0.33	0.23	0	0	0	0	0	0	0	0
9/21/2023 13:04	59001 MIFF_T1	1	1	0	0.8	1.3	0.5	0	0	0	0	0	0	0	0
9/21/2023 13:05	47403 PENS_T1	1	1	0	2.2	2.1	-0.1	0	0	0	0	0	0	0	0
9/21/2023 13:06	47401 PENS_T1	0	1	1	0	0	0	0	0	0	0	0	0	0	0
9/21/2023 13:07	46302 ROHR_T1	3	3	0	1.63	1.47	-0.16	0	0	0	0	0	0	0	0
9/21/2023 13:07	52502 PROG_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9/21/2023 13:10	56802 BENV_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9/21/2023 13:13	52401 GRPA_T2	5	1	-4	0.36	0.3	-0.06	0	0	0	0	0	0	0	0
9/21/2023 13:14	42401 GIMA_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9/21/2023 13:18	54701 NEBL_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9/21/2023 13:18	42302 MOWR_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9/21/2023 13:20	54701 NEBL_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9/21/2023 13:23	46302 ROHR_T1	3	4	1	1.47	1.28	-0.19	0	0	0	0	0	0	0	0
9/21/2023 13:25	56802 BENV_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9/21/2023 13:26	56802 BENV_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9/21/2023 13:30	52403 GRPA_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9/21/2023 13:30	41801 GOCI_T2	11	23	12	0.59	0.41	-0.18	0	0	0	0	0	0	0	0
9/21/2023 13:31	40101 HUNT_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9/21/2023 13:34	54701 NEBL_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9/21/2023 13:36	54701 NEBL_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9/21/2023 13:37	65902 SAKR_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9/21/2023 13:41	56802 BENV_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9/21/2023 13:42	56802 BENV_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9/21/2023 13:45	42401 GIMA_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9/21/2023 13:46	52403 GRPA_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9/21/2023 13:48	59402 RFLD_T2	0	2	2	0	0.15	0.15	0	0	0	0	0	0	0	0
9/21/2023 13:49	46301 ROHR_T1	2	5	3	0.45	0.6	0.15	0	0	0	0	0	0	0	0
9/21/2023 13:50	54701 NEBL_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9/21/2023 13:51	45902 AUBU_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9/21/2023 13:52	59402 RFLD_T2	0	2	2	0	0.15	0.15	0	0	0	0	0	0	0	0
9/21/2023 13:52	66703 STRA_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9/21/2023 13:52	20401 ASHF_T2	1	1	0	0.3	0.1	-0.2	0	0	0	0	0	0	0	0
9/21/2023 13:52	46001 BERW_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9/21/2023 13:52	15001 BLMO_T1	1	3	2	0.5	0.33	-0.17	0	0	0	0	0	0	0	0
9/21/2023 13:53	24901 WHHA_T1	1	1	0	0.7	0.8	0.1	0	0	0	0	0	0	0	0
9/21/2023 13:54	20403 ASHF_T2	5	5	0	0.5	0.44	-0.06	0	0	0	0	0	0	0	0
9/21/2023 13:57	47901 HRDG_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9/21/2023 13:58	15001 BLMO_T1	1	3	2	0.5	0.33	-0.17	0	0	0	0	0	0	0	0
9/21/2023 14:03	54001 SDLE_T1	5	6	1	0.88	0.87	-0.01	0	0	0	0	0	0	0	0
9/21/2023 14:07	45902 AUBU_T1	0	1	1	0	0	0	0	0	0	0	0	0	0	0
9/21/2023 14:08	20401 ASHF_T2	1	0	-1	0.1	0	-0.1	0	0	0	0	0	0	0	0
9/21/2023 14:08	46001 BERW_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9/21/2023 14:09	20403 ASHF_T2	3	6	3	0.47	0.33	-0.14	0	0	0	0	0	0	0	0
9/21/2023 14:09	15001 BLMO_T1	3	2	-1	0.33	0.3	-0.03	0	0	0	0	0	0	0	0
9/21/2023 14:09	56802 BENV_T2	227	329	102	0.42	0.33	-0.09	0	0	0	0	0	0	0	0
9/21/2023 14:10	56802 BENV_T2	227	329	102	0.42	0.33	-0.09	0	0	0	0	0	0	0	0
9/21/2023 14:11	56802 BENV_T2	227	329	102	0.42	0.33	-0.09	0	0	0	0	0	0	0	0
9/21/2023 14:12	56802 BENV_T2	227	329	102	0.42	0.33	-0.09	0	0	0	0	0	0	0	0
9/21/2023 14:12	10805 CHHI_T2	8	2	-6	1.2	3.85	2.65	0	0	0	0	0	0	0	0
9/21/2023 14:13	10801 CHHI_T1	6	6	0	0.75	0.77	0.02	0	0	0	0	0	0	0	0
9/21/2023 14:13	10805 CHHI_T2	8	2	-6	1.2	3.85	2.65	0	0	0	0	0	0	0	0
9/21/2023 14:13	56802 BENV_T2	227	329	102	0.42	0.33	-0.09	0	0	0	0	0	0	0	0
9/21/2023 14:14	62607 ENGL_T1	0	2	2	0	0.15	0.15	0	0	0	0	0	0	0	0
9/21/2023 14:14	12701 MACU_T1	1	1	0	2.2	2.6	0.4	0	0	0	0	0	0	0	0
9/21/2023 14:15	62604 ENGL_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9/21/2023 14:17	59301 MCAL_T1	4	6	2	0.35	0.4	0.05	0	0	0	0	0	0	0	0
9/21/2023 14:18	59301 MCAL_T1	4	6	2	0.35	0.4	0.05	0	0	0	0	0	0	0	0
9/21/2023 14:19	54701 NEBL_T1	2	1	-1	0.1	0.1	0	0	0	0	0	0	0	0	0
9/21/2023 14:19	59301 MCAL_T1	4	6	2	0.35	0.4	0.05	0	0	0	0	0	0	0	0
9/21/2023 14:19	12701 MACU_T1	1	1	0	2.6	2	-0.6	0	0	0	0	0	0	0	0
9/21/2023 14:19	54001 SDLE_T1	6	5	-1	0.85	0.88	0.03	0	0	0	0	0	0	0	0
9/21/2023 14:20	46505 LOMA_T1	0	1	1	0	0.1	0.1	0	0	0	0	0	0	0	0
9/21/2023 14:22	66505 SMAN_T2	1	1	0	0.1	0.5	0.4	0	0	0	0	0	0	0	0
9/21/2023 14:22	40902 JESH_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9/21/2023 14:23	10805 CHHI_T2	2	1	-1	3.85	7.2	3.35	0	0	0	0	0	0	0	0
9/21/2023 14:24	20403 ASHF_T2	5	3	-2	0.38	0.33	-0.05	0	0	0	0	0	0	0	0
9/21/2023 14:24	46001 BERW_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9/21/2023 14:24	15001 BLMO_T1	2	2	0	0.3	0.25	-0.05	0	0	0	0	0	0	0	0
9/21/2023 14:24	62607 ENGL_T1	1	1	0	0.1	0.2	0.1	0	0	0	0	0	0	0	0
9/21/2023 14:24	56802 BENV_T2	323	188	-135	0.33	0.34	0.01	0	0	0	0	0	0	0	0
9/21/2023 14:25	62604 ENGL_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9/21/2023 14:25	56802 BENV_T2	323	188	-135	0.33	0.34	0.01	0	0	0	0	0	0	0	0
9/21/2023 14:26	45902 AUBU_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9/21/2023 14:26	56802 BENV_T2	323	188	-135	0.33	0.34	0.01	0	0	0	0	0	0	0	0
9/21/2023 14:28	45701 LIND_T2	1	1	0	0.3	0.1	-0.2	0	0	0	0	0	0	0	0
9/21/2023 14:28	10801 CHHI_T1	4	6	2	0.85	0.88	0.03	0	0	0	0	0	0	0	0
9/21/2023 14:28	52401 GRPA_T2	1	2	1	0.2	0.15	-0.05	0	0	0	0	0	0	0	0
9/21/2023 14:28	56802 BENV_T2	323	188	-135	0.33	0.34	0.01	0	0	0	0	0	0	0	0
9/21/2023 14:28	11102 EGYP_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9/21/2023 14:29	62604 ENGL_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9/21/2023 14:29	52403 GRPA_T2	1	3	2	1.3	1.8	0.5	0	0	0	0	0	0	0	0
9/21/2023 14:29	56802 BENV_T2	323	188	-135	0.33	0.34	0.01	0	0	0	0	0	0	0	0
9/21/2023 14:30	62604 ENGL_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9/21/2023 14:31	42902 MIDD_T2	5	5	0	0.46	0.38	-0.08	0	0	0	0	0	0	0	0
9/21/2023 14:31	52401 GRPA_T2	1	3	2	0.2	0.3	0.1	0	0	0	0	0	0	0	0
9/21/2023 14:31	52004 LING_T2	1	1	0	0.7	0.4	-0.3	0	0	0	0	0	0	0	0
9/21/2023 14:32	58402 MORO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9/21/2023 14:33	40902 JESH_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9/21/2023 14:33	58402 MORO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9/21/2023 14:34	58402 MORO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9/21/2023 14:34	59402 RFLD_T2	1	0	-1	0.2	0	-0.2	0	0	0	0	0	0	0	0
9/21/2023 14:35	54701 NEBL_T1	1	1	0	0.1	0.2	0.1	0	0	0	0	0	0	0	0
9/21/2023 14:35	54001 SDLE_T1	5	5	0	0.8	0.9	0.1	0	0	0	0	0	0	0	0
9/21/2023 14:36	59402 RFLD_T2	1	0	-1	0.2	0	-0.2	0	0	0	0	0	0	0	0
9/21/2023 14:38	66505 SMAN_T2	1	0	-1	0.5	0	-0.5	0	0	0	0	0	0	0	0
9/21/2023 14:38	59402 RFLD_T2	1	0	-1	0.2	0	-0.2	0	0	0	0	0	0	0	0
9/21/2023 14:38	49803 UNIV_T1	2	1	-1	0.6	0.6	0	0	0	0	0	0	0	0	0
9/21/2023 14:38	56802 BENV_T2	188	11	-177	0.34	0.37	0.03	0	0	0	0	0	0	0	0
9/21/2023 14:39	66501 SMAN_T2	0	1	1	0	0.2	0.2	0	0	0	0	0	0	0	0
9/21/2023 14:39	67502 WEWI_T2	8	4	-4	0.23	0.15	-0.08	0	0	0	0	0	0	0	0
9/21/2023 14:39	10801 CHHI_T1	6	8	2	0.77	0.79	0.02	0	0	0	0	0	0	0	0
9/21/2023 14:39	56802 BENV_T2	188	11	-177	0.34	0.37	0.03	0	0	0	0	0	0	0	0
9/21/2023 14:39	10805 CHHI_T2	1	1	0	7.7	7.2	-0.5	0	0	0	0	0	0	0	0
9/21/2023 14:39	15001 BLMO_T1	2	2	0	0.25	0.35	0.1	0	0	0	0	0	0	0	0
9/21/2023 14:39	67502 WEWI_T2	8	4	-4	0.23	0.15	-0.08	0	0	0	0	0	0	0	0
9/21/2023 14:39	64305 LINC_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9/21/2023 14:39	13105 NHAM_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9/21/2023 14:39	20403 ASHF_T2	3	2	-1	0.33	0.3	-0.03	0	0	0	0	0	0	0	0
9/21/2023 14:40	56802 BENV_T2	188	11	-177	0.34	0.37	0.03	0	0	0	0	0	0	0	0
9/21/2023 14:40	62604 ENGL_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9/21/2023 14:40	55101 WERT_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9/21/2023 14:40	67502 WEWI_T2	8	4	-4	0.23	0.15	-0.08	0	0	0	0	0	0	0	0
9/21/2023 14:40	46001 BERW_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9/21/2023 14:40	15001 BLMO_T1	2	2	0	0.25	0.35	0.1	0	0	0	0	0	0	0	0
9/21/2023 14:41	62607 ENGL_T1	1	1	0	0.2	0.3	0.1	0	0	0	0	0	0	0	0
9/21/2023 14:41	67503 WEWI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9/21/2023 14:41	45902 AUBU_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9/21/2023 14:41	56802 BENV_T2	188	11	-177	0.34	0.37	0.03	0	0	0	0	0	0	0	0
9/21/2023 14:43	67502 WEWI_T2	8	4	-4	0.23	0.15	-0.08	0	0	0	0	0	0	0	0
9/21/2023 14:43	41801 GOCI_T2	6	47	41	0.28	0.27	-0.01	0	0	0	0	0	0	0	0
9/21/2023 14:43	45702 LIND_T2	2	2	0	0.75	0.85	0.1	0	0	0	0	0	0	0	0
9/21/2023 14:43	46203 DANV_T2	9	8	-1	0.66	0.39	-0.27	0	0	0	0	0	0	0	0
9/21/2023 14:43	47901 HRDG_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9/21/2023 14:44	62607 ENGL_T1	1	1	0	0.2	0.3	0.1	0	0	0	0	0	0	0	0
9/21/2023 14:45	42903 MIDD_T2	2	2	0	0.7	0.85	0.15	0	0	0	0	0	0	0	0
9/21/2023 14:46	52004 LING_T2	1	0	-1	0.4	0	-0.4	0	0	0	0	0	0	0	0
9/21/2023 14:47	52403 GRPA_T2	1	3	2	1.8	0.2	-1.6	0	0	0	0	0	0	0	0
9/21/2023 14:47	58401 MORO_T1	1	0	-1	0.3	0	-0.3	0	0	0	0	0	0	0	0
9/21/2023 14:49	54001 SDLE_T1	5	5	0	0.84	0.86	0.02	0	0	0	0	0	0	0	0
9/21/2023 14:49	13105 NHAM_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9/21/2023 14:49	58401 MORO_T1	1	0	-1	0.3	0	-0.3	0	0	0	0	0	0	0	0
9/21/2023 14:50	66703 STRA_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9/21/2023 14:50	58401 MORO_T1	1	0	-1	0.3	0	-0.3	0	0	0	0	0	0	0	0
9/21/2023 14:51	54701 NEBL_T1	0	2	2	0	0.2	0.2	0	0	0	0	0	0	0	0
9/21/2023 14:54	44801 EDAN_T2	1	1	0	0.7	0.7	0	0	0	0	0	0	0	0	0
9/21/2023 14:54	42503 ALTA_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9/21/2023 14:55	67503 WEWI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9/21/2023 14:55	56802 BENV_T2	8	9	1	0.35	0.38	0.03	0	0	0	0	0	0	0	0
9/21/2023 14:55	66501 SMAN_T2	1	1	0	0.2	0.1	-0.1	0	0	0	0	0	0	0	0
9/21/2023 14:56	15001 BLMO_T1	2	2	0	0.25	0.35	0.1	0	0	0	0	0	0	0	0
9/21/2023 14:56	44601 SALE_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9/21/2023 14:56	44802 EDAN_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9/21/2023 14:56	56802 BENV_T2	8	9	1	0.35	0.38	0.03	0	0	0	0	0	0	0	0
9/21/2023 14:59	64305 LINC_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9/21/2023 15:00	52403 GRPA_T2	3	2	-1	0.57	0.2	-0.37	0	0	0	0	0	0	0	0
9/21/2023 15:00	67401 WAKE_T2	1	0	-1	0.2	0	-0.2	0	0	0	0	0	0	0	0
9/21/2023 15:00	64301 LINC_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9/21/2023 15:00	52004 LING_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9/21/2023 15:01	41801 GOCI_T2	47	182	135	0.27	0.36	0.09	0	0	0	0	0	0	0	0
9/21/2023 15:01	63401 HONY_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9/21/2023 15:02	55101 WERT_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9/21/2023 15:03	59003 MIFF_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9/21/2023 15:03	67203 TEHI_T1	2	2	0	0.4	1	0.6	0	0	0	0	0	0	0	0
9/21/2023 15:03	58402 MORO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9/21/2023 15:04	59003 MIFF_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9/21/2023 15:06	58102 NEKI_T1	6	7	1	0.77	0.73	-0.04	0	0	0	0	0	0	0	0
9/21/2023 15:07	59202 THOM_T1	1	8	7	0.1	0.34	0.24	0	0	0	0	0	0	0	0
9/21/2023 15:12	45902 AUBU_T1	1	0	-1	0.2	0	-0.2	0	0	0	0	0	0	0	0
9/21/2023 15:18	42902 MIDD_T2	1	0	-1	0.7	0	-0.7	0	0	0	0	0	0	0	0
9/21/2023 15:19	58402 MORO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9/21/2023 15:26	56801 BENV_T1	21	14	-7	0.49	0.36	-0.13	0	0	0	0	0	0	0	0
9/21/2023 15:30	67502 WEWI_T2	1	1	0	0.2	0.3	0.1	0	0	0	0	0	0	0	0
9/21/2023 15:31	52402 GRPA_T2	7	6	-1	0.84	0.92	0.08	0	0	0	0	0	0	0	0
9/21/2023 15:33	47101 MARL_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9/21/2023 15:36	40901 JESH_T1	0	1	1	0	0.1	0.1	0	0	0	0	0	0	0	0
9/21/2023 15:45	45003 LIME_2	1	1	0	3.9	3.8	-0.1	0	0	0	0	0	0	0	0
9/21/2023 15:46	59003 MIFF_T1	0	1	1	0	0	0	0	0	0	0	0	0	0	0
9/21/2023 15:47	59001 MIFF_T1	3	3	0	0.9	0.6	-0.3	0	0	0	0	0	0	0	0
9/21/2023 15:49	48302 ORWI_T2	2	2	0	0.55	0.65	0.1	0	0	0	0	0	0	0	0
9/21/2023 15:49	45003 LIME_2	1	1	0	3.9	3.8	-0.1	0	0	0	0	0	0	0	0
9/21/2023 15:50	59003 MIFF_T1	0	1	1

9/21/2023 21:01	10805 CHHI_T2	1	1	0	8.6	8.4	-0.2	0	0	0	0	0	0	0
9/21/2023 21:02	56803 BENV_T1	3	8	5	0.1	0.3	0.2	0	0	0	0	0	0	0
9/21/2023 21:04	56801 BENV_T1	34	43	9	0.76	1.12	0.36	0	0	0	0	0	0	0
9/21/2023 21:05	29401 BELT_T1	55	35	-20	0.24	0.15	-0.09	0	0	0	0	0	0	0
9/21/2023 21:05	24105 EHAZ_T1	4	4	0	6.18	5.8	-0.38	0	0	0	0	0	0	0
9/21/2023 21:08	46501 LOHA_T1	1	1	0	0.6	0.7	0.1	0	0	0	0	0	0	0
9/21/2023 21:08	58402 MORO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
9/21/2023 21:08	20403 ASHF_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
9/21/2023 21:08	42701 AUGU_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
9/21/2023 21:09	45902 AUBU_T1	0	12	12	0	0.18	0.18	0	0	0	0	0	0	0
9/21/2023 21:09	59202 THOM_T1	296	342	46	0.41	0.62	0.21	0	0	0	0	0	0	0
9/21/2023 21:09	42701 AUGU_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
9/21/2023 21:09	64801 MONE_T2	0	1	1	0	0.2	0.2	0	0	0	0	0	0	0
9/21/2023 21:10	59101 WALK_T2	1	1	0	0	0	0	0	0	0	0	0	0	0
9/21/2023 21:11	59402 RFLD_T2	151	216	65	0.54	0.55	0.01	0	0	0	0	0	0	0
9/21/2023 21:11	59101 WALK_T2	1	1	0	0	0	0	0	0	0	0	0	0	0
9/21/2023 21:11	23401 HONE_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
9/21/2023 21:12	67502 WEWI_T2	147	453	306	0.22	0.3	0.08	0	0	0	0	0	0	0
9/21/2023 21:12	11102 EGYP_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
9/21/2023 21:12	60801 BUCK_T1	3	66	63	0.1	0.19	0.09	0	0	0	0	0	0	0
9/21/2023 21:12	26603 BROO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
9/21/2023 21:13	67502 WEWI_T2	147	453	306	0.22	0.3	0.08	0	0	0	0	0	0	0
9/21/2023 21:13	10805 CHHI_T2	1	1	0	8.6	8.4	-0.2	0	0	0	0	0	0	0
9/21/2023 21:13	28403 HART_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
9/21/2023 21:13	47901 HRDG_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
9/21/2023 21:13	49803 UNIV_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
9/21/2023 21:13	66504 SMAN_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
9/21/2023 21:13	65901 SAKR_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
9/21/2023 21:13	44601 SALE_T2	0	1	1	0	0.2	0.2	0	0	0	0	0	0	0
9/21/2023 21:14	60101 COCA_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
9/21/2023 21:14	45001 LIME_2	27	37	10	0.25	0.58	0.33	0	0	0	0	0	0	0
9/21/2023 21:14	67502 WEWI_T2	147	453	306	0.22	0.3	0.08	0	0	0	0	0	0	0
9/21/2023 21:14	41801 GOCI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
9/21/2023 21:14	44601 SALE_T2	0	1	1	0	0.2	0.2	0	0	0	0	0	0	0
9/21/2023 21:14	47101 MARL_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
9/21/2023 21:14	60701 BREC_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
9/21/2023 21:14	43402 BENT_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
9/21/2023 21:14	45902 AUBU_T1	0	12	12	0	0.18	0.18	0	0	0	0	0	0	0
9/21/2023 21:15	62604 ENGL_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
9/21/2023 21:15	43202 MVIL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
9/21/2023 21:15	58402 MORO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
9/21/2023 21:15	46001 BERW_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
9/21/2023 21:15	41801 GOCI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
9/21/2023 21:15	12701 MACU_T1	1	1	0	2.8	3.5	0.7	0	0	0	0	0	0	0
9/21/2023 21:15	26603 BROO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
9/21/2023 21:15	44801 EDAN_T2	2	1	-1	1.05	1.2	0.15	0	0	0	0	0	0	0
9/21/2023 21:15	56802 BENV_T2	172	229	57	0.33	0.44	0.11	0	0	0	0	0	0	0
9/21/2023 21:15	66505 SMAN_T2	0	3	3	0	0.1	0.1	0	0	0	0	0	0	0
9/21/2023 21:16	41601 CLEV_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
9/21/2023 21:16	67204 TEHI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
9/21/2023 21:16	67502 WEWI_T2	156	472	316	0.22	0.29	0.07	0	0	0	0	0	0	0
9/21/2023 21:16	64305 LINC_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
9/21/2023 21:16	28604 BLYT_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
9/21/2023 21:16	59003 MIFF_T1	0	1	1	0	0.1	0.1	0	0	0	0	0	0	0
9/21/2023 21:16	62604 ENGL_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
9/21/2023 21:16	42302 MOWR_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
9/21/2023 21:17	40101 HUNT_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
9/21/2023 21:17	42901 MIDD_T2	154	188	34	0.24	0.31	0.07	0	0	0	0	0	0	0
9/21/2023 21:17	59301 MCAL_T1	73	80	7	0.36	0.51	0.15	0	0	0	0	0	0	0
9/21/2023 21:17	45402 WILO_T2	2	19	17	0.5	0.26	-0.24	0	0	0	0	0	0	0
9/21/2023 21:17	52402 GRPA_T2	26	7	-19	0.63	1.41	0.78	0	0	0	0	0	0	0
9/21/2023 21:17	40902 JESH_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
9/21/2023 21:17	53601 DALM_T2	1	1	0	0.8	0.8	0	0	0	0	0	0	0	0
9/21/2023 21:17	52004 LING_T2	0	1	1	0	0.1	0.1	0	0	0	0	0	0	0
9/21/2023 21:17	56802 BENV_T2	172	229	57	0.33	0.44	0.11	0	0	0	0	0	0	0
9/21/2023 21:17	61304 EARL_T1	37	43	6	0.2	0.19	-0.01	0	0	0	0	0	0	0
9/21/2023 21:17	59001 MIFF_T1	4	5	1	0.13	0.16	0.03	0	0	0	0	0	0	0
9/21/2023 21:17	17804 GILB_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
9/21/2023 21:17	47101 MARL_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
9/21/2023 21:17	51604 DUKE_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
9/21/2023 21:17	28403 HART_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
9/21/2023 21:18	59002 MIFF_T1	4	5	1	0.13	0.16	0.03	0	0	0	0	0	0	0
9/21/2023 21:18	42903 MIDD_T2	2	2	0	2.45	2.65	0.2	0	0	0	0	0	0	0
9/21/2023 21:18	47101 MARL_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
9/21/2023 21:18	52002 LING_T2	1	1	0	1	1	0	0	0	0	0	0	0	0
9/21/2023 21:18	64101 REFR_T1	3	3	0	7.53	8.43	0.9	0	0	0	0	0	0	0
9/21/2023 21:18	65003 NEFF_T2	4	4	0	0.25	0.28	0.03	0	0	0	0	0	0	0
9/21/2023 21:18	45702 LIND_T2	1	2	1	0.6	0.45	-0.15	0	0	0	0	0	0	0
9/21/2023 21:18	41901 REED_T1	2	3	1	0.2	0.23	0.03	0	0	0	0	0	0	0
9/21/2023 21:18	44801 EDAN_T2	2	1	-1	1.05	1.2	0.15	0	0	0	0	0	0	0
9/21/2023 21:18	14404 SSLA_T1	0	1	1	0	0.2	0.2	0	0	0	0	0	0	0
9/21/2023 21:18	45902 AUBU_T1	12	1	-11	0.18	0.1	-0.08	0	0	0	0	0	0	0
9/21/2023 21:18	64303 LINC_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
9/21/2023 21:18	49804 UNIV_T1	0	1	1	0	0.2	0.2	0	0	0	0	0	0	0
9/21/2023 21:18	54001 SDLE_T1	2	3	1	0.95	0.7	-0.25	0	0	0	0	0	0	0
9/21/2023 21:18	43202 MVIL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
9/21/2023 21:18	41304 WATS_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
9/21/2023 21:18	51604 DUKE_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
9/21/2023 21:18	55101 WERT_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
9/21/2023 21:18	13105 NHAM_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
9/21/2023 21:18	56801 BENV_T1	38	45	7	0.89	1.08	0.19	0	0	0	0	0	0	0
9/21/2023 21:19	45003 LIME_2	2	2	0	2.2	2.6	0.4	0	0	0	0	0	0	0
9/21/2023 21:19	52404 GRPA_T2	1	1	0	0.8	0.8	0	0	0	0	0	0	0	0
9/21/2023 21:19	46203 DANV_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
9/21/2023 21:19	64802 MONE_T2	0	1	1	0	0.6	0.6	0	0	0	0	0	0	0
9/21/2023 21:19	65902 SAKR_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
9/21/2023 21:19	56802 BENV_T2	172	229	57	0.33	0.44	0.11	0	0	0	0	0	0	0
9/21/2023 21:19	67503 WEWI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
9/21/2023 21:19	60803 BUCK_T1	11	22	11	0.27	0.38	0.11	0	0	0	0	0	0	0
9/21/2023 21:19	53501 EVIL_T2	6	10	4	0.1	0.41	0.31	0	0	0	0	0	0	0
9/21/2023 21:19	62604 ENGL_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
9/21/2023 21:19	46503 LOHA_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
9/21/2023 21:19	58102 NEKI_T1	71	267	196	0.19	0.25	0.06	0	0	0	0	0	0	0
9/21/2023 21:19	60701 BREC_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
9/21/2023 21:19	42201 SHEN_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
9/21/2023 21:19	67203 TEHI_T1	1	1	0	0	0	0	0	0	0	0	0	0	0
9/21/2023 21:19	41801 GOCI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
9/21/2023 21:19	20403 ASHF_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
9/21/2023 21:19	55101 WERT_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
9/21/2023 21:20	60101 COCA_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
9/21/2023 21:20	40902 JESH_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
9/21/2023 21:20	55101 WERT_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
9/21/2023 21:21	59003 MIFF_T1	0	1	1	0	0.1	0.1	0	0	0	0	0	0	0
9/21/2023 21:21	53501 EVIL_T2	6	10	4	0.1	0.41	0.31	0	0	0	0	0	0	0
9/21/2023 21:21	66504 SMAN_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
9/21/2023 21:21	56802 BENV_T2	172	229	57	0.33	0.44	0.11	0	0	0	0	0	0	0
9/21/2023 21:21	45802 HEGI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
9/21/2023 21:28	43402 BENT_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
9/21/2023 21:29	43402 BENT_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
9/21/2023 22:28	43402 BENT_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
9/21/2023 22:29	43402 BENT_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
9/21/2023 23:28	43402 BENT_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
9/21/2023 23:29	43402 BENT_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
9/22/2023 0:28	56801 BENV_T1	28	34	6	0.93	1.21	0.28	0	0	0	0	0	0	0
9/22/2023 0:28	59101 WALK_T2	1	1	0	0	0	0	0	0	0	0	0	0	0
9/22/2023 0:28	53901 HALI_T2	7	95	88	0.19	0.16	-0.03	0	0	0	0	0	0	0
9/22/2023 0:28	53901 HALI_T2	7	95	88	0.19	0.16	-0.03	0	0	0	0	0	0	0
9/22/2023 0:28	44301 BEAV_T2	8	8	0	0.53	0.65	0.12	0	0	0	0	0	0	0
9/22/2023 0:28	62604 ENGL_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
9/22/2023 0:28	56803 BENV_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
9/22/2023 0:28	45901 AUBU_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
9/22/2023 0:28	67502 WEWI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
9/22/2023 0:28	60803 BUCK_T1	1	1	0	0	0.1	0.1	0	0	0	0	0	0	0
9/22/2023 0:28	67503 WEWI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
9/22/2023 0:28	15001 BLMO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
9/22/2023 0:28	13704 SCHN_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
9/22/2023 0:28	55101 WERT_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
9/22/2023 0:28	48302 ORWI_T2	2	2	0	1.2	1.2	0	0	0	0	0	0	0	0
9/22/2023 0:28	59002 MIFF_T1	0	6	6	0	0.42	0.42	0	0	0	0	0	0	0
9/22/2023 0:28	54701 NEBL_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
9/22/2023 0:28	44801 EDAN_T2	1	1	0	1.3	1.4	0.1	0	0	0	0	0	0	0
9/22/2023 0:28	46001 BERW_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
9/22/2023 0:28	56802 BENV_T2	1	103	102	0.8	0.19	-0.61	0	0	0	0	0	0	0
9/22/2023 0:28	64301 LINC_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
9/22/2023 0:28	46801 HEPB_T2	2	2	0	0.55	0.75	0.2	0	0	0	0	0	0	0
9/22/2023 0:28	12701 MACU_T1	1	1	0	2.9	2.4	-0.5	0	0	0	0	0	0	0
9/22/2023 0:28	67204 TEHI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
9/22/2023 0:28	53501 EVIL_T2	15	18	3	1.06	1.08	0.02	0	0	0	0	0	0	0
9/22/2023 0:28	14403 SSLA_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
9/22/2023 0:28	59302 MCAL_T1	1	1	0	0.2	0.7	0.5	0	0	0	0	0	0	0
9/22/2023 0:28	17805 GILB_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
9/22/2023 0:28	28801 LAKE_T1	802	828	26	0.83	0.81	-0.02	0	0	0	0	0	0	0
9/22/2023 0:28	43402 BENT_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
9/22/2023 0:28	42201 SHEN_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
9/22/2023 0:28	58402 MORO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
9/22/2023 0:28	52403 GRPA_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
9/22/2023 0:28	10801 CHHI_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
9/22/2023 0:28	54601 SUMM_T2	10	12	2	0.18	0.43	0.25	0	0	0	0	0	0	0
9/22/2023 0:28	13503 MCMI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
9/22/2023 0:28	60701 BREC_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
9/22/2023 0:28	66505 SMAN_T2	3	3	0	0.5	0.77	0.27	0	0	0	0	0	0	0
9/22/2023 0:28	61801 EEU_T2	2	2	0	0.15	0.35	0.2	0	0	0	0	0	0	0
9/22/2023 0:28	59402 RFLD_T2	7	56	49	0.17	0.23	0.06	0	0	0	0	0	0	0
9/22/2023 0:28	44502 HAMI_T2	1	1	0	4.1	4.1	0	0	0	0	0	0	0	0
9/22/2023 0:29	43402 BENT_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
9/22/2023 0:52	54001 SDLE_T1	2	3	1	0.5	0.43	-0.07	0	0	0	0	0	0	0
9/22/2023 1:28	43402 BENT_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
9/22/2023 1:29	43402 BENT_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
9/22/2023 1:58	56501 ROCK_T2	12	16	4	0.62	0.63	0.01	0	0	0	0	0	0	0
9/22/2023 2:08	43402 BENT_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
9/22/2023 7:04	54701 NEBL_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
9/22/2023 7:20	54701 NEBL_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
9/22/2023 8:05	59402 RFLD_T2	0	4	4	0	0.15	0.15	0	0	0	0	0	0	0
9/22/2023 8:15	46801 HEPB_T2	19	21	2	0.25	0.28	0.03	0	0	0	0	0	0	0
9/22/2023 8:15	58402 MORO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
9/22/2023 8:18	58402 MORO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
9/22/2023 8:24	56802 BENV_T2	212	269	57	0.43	0.41	-0.02	0	0	0	0	0	0	0
9/22/2023 8:26	56802 BENV_T2	212	269	57	0.43	0.41	-0.02	0	0	0	0	0	0	0
9/22/2023 8:27	56802 BENV_T2	212	269	57	0.43	0.41	-0.02	0	0	0	0	0	0	0
9/22/2023 8:31	46503 LOHA_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
9/22/2023 8:32	46506 LOHA_T1	0	1	1	0	0.4	0.4	0	0	0	0	0	0	0
9/22/2023 8:33	54202 PENN_T2	68	36	-32	0.11	0.11	0	0	0	0	0	0	0	0
9/22/2023 8:37	43001 ALWD_T1	0	1	1	0	0	0	0	0	0	0	0	0	0
9/22/2023 8:37	56802 BENV_T2	231	246	15	0.46	0.3	-0.16	0	0	0	0	0	0	0
9/22/2023 8:39	56802 BENV_T2	231	246	15	0.46	0.3	-0.16	0	0	0	0	0	0	0
9/22/2023 8:39	53601 DALM_T2	1	1	0	0.7	0.6	-0.1	0	0	0	0	0	0	0
9/22/2023 8:41	56802 BENV_T2	231	246	15	0.46	0.3	-0.16	0	0	0	0	0	0	0
9/22/2023 8:46	47101 MARL_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
9/22/2023 8:54	59101 WALK_T2	2	1	-1	0.1	0	-0.1	0	0	0	0	0	0	0
9/22/2023 9:06	59101 WALK_T2	1	1	0	0	0	0	0	0	0	0	0	0	0
9/22/2023 9:09	26603 BROO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
9/22/2023 9:11	40101 HUNT_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
9/22/2023 9:12	26603 BROO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
9/22/2023 9:16	42902 MIDD_T2	0	0	0	0	0	0	0

9/22/2023 10:00	53903 HALI_T2	2	2	0	1	0.9	-0.1	0	0	0	0	0	0	0	0
9/22/2023 10:00	67604 WARW_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9/22/2023 10:00	66505 SMAN_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9/22/2023 10:00	66502 SMAN_T2	1	1	0	0.1	0.2	0.1	0	0	0	0	0	0	0	0
9/22/2023 10:00	12604 MACA_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9/22/2023 10:00	64802 MONE_T2	2	8	6	0.1	0.23	0.13	0	0	0	0	0	0	0	0
9/22/2023 10:00	52403 GRPA_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9/22/2023 10:00	47101 MARL_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9/22/2023 10:00	42401 GIMA_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9/22/2023 10:00	56802 BENV_T2	114	119	5	0.2	0.2	0	0	0	0	0	0	0	0	0
9/22/2023 10:00	53901 HALI_T2	1	1	0	0.3	0.3	0	0	0	0	0	0	0	0	0
9/22/2023 10:00	52503 PROG_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9/22/2023 10:00	15001 BLMO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9/22/2023 10:00	15604 NSTR_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9/22/2023 10:00	41901 REED_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9/22/2023 10:00	54701 NEBL_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9/22/2023 10:00	59202 THOM_T1	9	5	-4	0.31	0.42	0.11	0	0	0	0	0	0	0	0
9/22/2023 10:00	20403 ASHF_T2	2	7	5	0.15	0.49	0.34	0	0	0	0	0	0	0	0
9/22/2023 10:00	61303 EARL_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9/22/2023 10:00	56601 HAMP_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9/22/2023 10:01	44802 EDAN_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9/22/2023 10:01	42701 AUGU_T1	1	1	0	0.3	0.2	-0.1	0	0	0	0	0	0	0	0
9/22/2023 10:01	42201 SHEN_T2	0	1	1	0	0.1	0.1	0	0	0	0	0	0	0	0
9/22/2023 10:04	67201 TEHI_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9/22/2023 10:05	67203 TEHI_T1	5	4	-1	0.6	0.5	-0.1	0	0	0	0	0	0	0	0
9/22/2023 10:06	59101 WALK_T2	1	1	0	0	0	0	0	0	0	0	0	0	0	0
9/22/2023 10:06	20401 ASHF_T2	1	2	1	0.2	0.45	0.25	0	0	0	0	0	0	0	0
9/22/2023 10:06	66502 SMAN_T2	1	1	0	0.1	0.2	0.1	0	0	0	0	0	0	0	0
9/22/2023 10:06	15001 BLMO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9/22/2023 10:07	26601 BROO_T1	1	0	-1	0.3	0	-0.3	0	0	0	0	0	0	0	0
9/22/2023 10:08	67503 WEWI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9/22/2023 10:09	53601 DALM_T2	1	1	0	0.2	1.7	1.5	0	0	0	0	0	0	0	0
9/22/2023 10:10	28604 BLYT_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9/22/2023 10:11	10801 CHHI_T1	1	4	3	0.1	0.3	0.2	0	0	0	0	0	0	0	0
9/22/2023 10:11	60801 BUCK_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9/22/2023 10:11	41801 GOCI_T2	80	17	-63	0.23	0.26	0.03	0	0	0	0	0	0	0	0
9/22/2023 10:11	20403 ASHF_T2	2	7	5	0.15	0.49	0.34	0	0	0	0	0	0	0	0
9/22/2023 10:13	45802 HEGI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9/22/2023 10:13	15604 NSTR_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9/22/2023 10:14	49803 UNIV_T1	0	2	2	0	0.9	0.9	0	0	0	0	0	0	0	0
9/22/2023 10:15	13503 MCMI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9/22/2023 10:15	47101 MARL_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9/22/2023 10:15	45702 LIND_T2	1	1	0	1.1	0.8	-0.3	0	0	0	0	0	0	0	0
9/22/2023 10:15	28403 HART_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9/22/2023 10:16	52402 GRPA_T2	1	6	5	3.3	0.93	-2.37	0	0	0	0	0	0	0	0
9/22/2023 10:16	46803 HEPB_T2	6	3	-3	0.28	0.3	0.02	0	0	0	0	0	0	0	0
9/22/2023 10:16	46501 LOHA_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9/22/2023 10:16	64801 MONE_T2	3	4	1	0.3	0.4	0.1	0	0	0	0	0	0	0	0
9/22/2023 10:16	64301 LINC_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9/22/2023 10:17	42001 MINVI_T2	2	4	2	0.45	0.6	0.15	0	0	0	0	0	0	0	0
9/22/2023 10:17	13704 SCHN_T2	0	1	1	0	0.2	0.2	0	0	0	0	0	0	0	0
9/22/2023 10:17	47101 MARL_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9/22/2023 10:18	14402 SSLA_T1	5	5	0	0.3	0.36	0.06	0	0	0	0	0	0	0	0
9/22/2023 10:18	42201 SHEN_T2	1	1	0	0.1	0.1	0	0	0	0	0	0	0	0	0
9/22/2023 10:18	47101 MARL_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9/22/2023 10:18	43202 MVIL_T2	1	1	0	0.7	0.9	0.2	0	0	0	0	0	0	0	0
9/22/2023 10:19	40901 JESH_T1	0	1	1	0	0	0	0	0	0	0	0	0	0	0
9/22/2023 10:20	14403 SSLA_T1	2	3	1	0.35	0.6	0.25	0	0	0	0	0	0	0	0
9/22/2023 10:20	54701 NEBL_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9/22/2023 10:21	43202 MVIL_T2	1	1	0	0.7	0.9	0.2	0	0	0	0	0	0	0	0
9/22/2023 10:21	45902 AUBU_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9/22/2023 10:21	13704 SCHN_T2	0	1	1	0	0.2	0.2	0	0	0	0	0	0	0	0
9/22/2023 10:22	56802 BENV_T2	108	122	14	0.19	0.22	0.03	0	0	0	0	0	0	0	0
9/22/2023 10:22	15001 BLMO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9/22/2023 10:22	46302 ROHR_T1	4	5	1	1.55	1.18	-0.37	0	0	0	0	0	0	0	0
9/22/2023 10:22	40901 JESH_T1	0	1	1	0	0	0	0	0	0	0	0	0	0	0
9/22/2023 10:23	67503 WEWI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9/22/2023 10:23	26603 BROO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9/22/2023 10:24	56802 BENV_T2	108	122	14	0.19	0.22	0.03	0	0	0	0	0	0	0	0
9/22/2023 10:24	46203 DANV_T2	0	2	2	0	0.25	0.25	0	0	0	0	0	0	0	0
9/22/2023 10:24	15001 BLMO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9/22/2023 10:25	56802 BENV_T2	108	122	14	0.19	0.22	0.03	0	0	0	0	0	0	0	0
9/22/2023 10:25	45902 AUBU_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9/22/2023 10:25	15001 BLMO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9/22/2023 10:26	28602 BLYT_T2	0	1	1	0	0.1	0.1	0	0	0	0	0	0	0	0
9/22/2023 10:26	62606 ENGL_T1	1	4	3	0.2	0.13	-0.07	0	0	0	0	0	0	0	0
9/22/2023 10:26	44301 BEAV_T2	0	1	1	0	0	0	0	0	0	0	0	0	0	0
9/22/2023 10:26	61801 EEU_T2	2	2	0	0.95	1.1	0.15	0	0	0	0	0	0	0	0
9/22/2023 10:26	56802 BENV_T2	108	122	14	0.19	0.22	0.03	0	0	0	0	0	0	0	0
9/22/2023 10:27	62605 ENGL_T1	1	0	-1	0.1	0	-0.1	0	0	0	0	0	0	0	0
9/22/2023 10:27	56802 BENV_T2	108	122	14	0.19	0.22	0.03	0	0	0	0	0	0	0	0
9/22/2023 10:27	45802 HEGI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9/22/2023 10:29	43402 BENT_T1	3	3	0	0.5	0.6	0.1	0	0	0	0	0	0	0	0
9/22/2023 10:30	42903 MIDD_T2	2	2	0	0.85	0.85	0	0	0	0	0	0	0	0	0
9/22/2023 10:30	40101 HUNT_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9/22/2023 10:31	42903 MIDD_T2	2	2	0	0.85	0.85	0	0	0	0	0	0	0	0	0
9/22/2023 10:31	23401 HONE_T2	1	1	0	0.3	0.4	0.1	0	0	0	0	0	0	0	0
9/22/2023 10:34	46301 ROHR_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9/22/2023 10:37	45902 AUBU_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9/22/2023 10:37	43301 WATS_T2	1	0	-1	0.8	0	-0.8	0	0	0	0	0	0	0	0
9/22/2023 10:37	46001 BERW_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9/22/2023 10:38	43301 WATS_T2	1	0	-1	0.8	0	-0.8	0	0	0	0	0	0	0	0
9/22/2023 10:38	46001 BERW_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9/22/2023 10:39	59101 WALK_T2	1	1	0	0	0	0	0	0	0	0	0	0	0	0
9/22/2023 10:42	17803 GILB_T2	1	1	0	0.2	0.3	0.1	0	0	0	0	0	0	0	0
9/22/2023 10:44	64305 LINC_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9/22/2023 10:44	52403 GRPA_T2	5	6	1	0.28	0.33	0.05	0	0	0	0	0	0	0	0
9/22/2023 10:44	59003 MIFF_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9/22/2023 10:46	59001 MIFF_T1	3	3	0	0.83	0.8	-0.03	0	0	0	0	0	0	0	0
9/22/2023 10:46	42902 MIDD_T2	1	0	-1	0.1	0	-0.1	0	0	0	0	0	0	0	0
9/22/2023 10:46	65003 NEFF_T2	1	1	0	0.3	0.2	-0.1	0	0	0	0	0	0	0	0
9/22/2023 10:47	58401 MORO_T1	0	1	1	0	0.1	0.1	0	0	0	0	0	0	0	0
9/22/2023 10:47	40901 JESH_T1	1	1	0	0.1	0	-0.1	0	0	0	0	0	0	0	0
9/22/2023 10:47	46506 LOHA_T1	1	2	1	0.2	0.35	0.15	0	0	0	0	0	0	0	0
9/22/2023 10:47	45003 LIME_2	1	1	0	3.9	4	0.1	0	0	0	0	0	0	0	0
9/22/2023 10:48	46503 LOHA_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9/22/2023 10:48	45003 LIME_2	1	1	0	3.9	4	0.1	0	0	0	0	0	0	0	0
9/22/2023 10:48	13105 NHAM_T2	0	1	1	0	0	0	0	0	0	0	0	0	0	0
9/22/2023 10:50	58401 MORO_T1	0	1	1	0	0.1	0.1	0	0	0	0	0	0	0	0
9/22/2023 10:51	42203 SHEN_T2	0	1	1	0	0	0	0	0	0	0	0	0	0	0
9/22/2023 10:51	67502 WEWI_T2	4	3	-1	0.38	0.4	0.02	0	0	0	0	0	0	0	0
9/22/2023 10:52	43304 WATS_T2	0	1	1	0	0	0	0	0	0	0	0	0	0	0
9/22/2023 10:53	43304 WATS_T2	0	1	1	0	0	0	0	0	0	0	0	0	0	0
9/22/2023 10:54	15001 BLMO_T1	0	1	1	0	0.3	0.3	0	0	0	0	0	0	0	0
9/22/2023 10:55	59101 WALK_T2	1	1	0	0	0	0	0	0	0	0	0	0	0	0
9/22/2023 10:55	56802 BENV_T2	108	167	59	0.22	0.32	0.1	0	0	0	0	0	0	0	0
9/22/2023 10:56	53501 EVIL_T2	0	1	1	0	0.1	0.1	0	0	0	0	0	0	0	0
9/22/2023 10:57	53501 EVIL_T2	0	1	1	0	0.1	0.1	0	0	0	0	0	0	0	0
9/22/2023 10:58	53501 EVIL_T2	0	1	1	0	0.1	0.1	0	0	0	0	0	0	0	0
9/22/2023 10:58	28403 HART_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9/22/2023 11:02	59402 RFLD_T2	1	1	0	0.2	0.1	-0.1	0	0	0	0	0	0	0	0
9/22/2023 11:03	64801 MONE_T2	2	3	1	0.45	0.43	-0.02	0	0	0	0	0	0	0	0
9/22/2023 11:03	46504 LOHA_T1	2	1	-1	1	0.5	-0.5	0	0	0	0	0	0	0	0
9/22/2023 11:03	49804 UNIV_T1	0	1	1	0	0.4	0.4	0	0	0	0	0	0	0	0
9/22/2023 11:04	66505 SMAN_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9/22/2023 11:04	46503 LOHA_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9/22/2023 11:04	66504 SMAN_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9/22/2023 11:04	59402 RFLD_T2	1	1	0	0.2	0.1	-0.1	0	0	0	0	0	0	0	0
9/22/2023 11:04	45003 LIME_2	1	1	0	4	3.8	-0.2	0	0	0	0	0	0	0	0
9/22/2023 11:05	59102 WALK_T2	0	1	1	0	0.2	0.2	0	0	0	0	0	0	0	0
9/22/2023 11:06	59101 WALK_T2	1	1	0	0	0	0	0	0	0	0	0	0	0	0
9/22/2023 11:08	67503 WEWI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9/22/2023 11:08	56802 BENV_T2	166	144	-22	0.32	0.27	-0.05	0	0	0	0	0	0	0	0
9/22/2023 11:08	66703 STRA_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9/22/2023 11:08	24902 WHHA_T1	51	75	24	0.18	0.22	0.04	0	0	0	0	0	0	0	0
9/22/2023 11:08	43304 WATS_T2	0	1	1	0	0	0	0	0	0	0	0	0	0	0
9/22/2023 11:09	24901 WHHA_T1	2	6	4	0.7	0.6	-0.1	0	0	0	0	0	0	0	0
9/22/2023 11:09	43304 WATS_T2	0	1	1	0	0	0	0	0	0	0	0	0	0	0
9/22/2023 11:11	28604 BLYT_T2	0	1	1	0	0.1	0.1	0	0	0	0	0	0	0	0
9/22/2023 11:12	40101 HUNT_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9/22/2023 11:13	61801 EEU_T2	2	2	0	1.05	1.1	0.05	0	0	0	0	0	0	0	0
9/22/2023 11:13	54701 NEBL_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9/22/2023 11:14	45003 LIME_2	1	1	0	4	3.8	-0.2	0	0	0	0	0	0	0	0
9/22/2023 11:16	40101 HUNT_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9/22/2023 11:18	56501 ROCK_T2	3	4	1	0.27	0.35	0.08	0	0	0	0	0	0	0	0
9/22/2023 11:19	44601 SALE_T2	0	3	3	0	0.4	0.4	0	0	0	0	0	0	0	0
9/22/2023 11:19	13701 SCHN_T2	1	8	7	0.1	0.2	0.1	0	0	0	0	0	0	0	0
9/22/2023 11:20	56501 ROCK_T2	3	4	1	0.27	0.35	0.08	0	0	0	0	0	0	0	0
9/22/2023 11:20	13704 SCHN_T2	1	5	4	0.4	0.28	-0.12	0	0	0	0	0	0	0	0
9/22/2023 11:20	61303 EARL_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9/22/2023 11:20	59402 RFLD_T2	1	2	1	0.1	0.1	0	0	0	0	0	0	0	0	0
9/22/2023 11:23	67001 STHI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9/22/2023 11:24	24901 WHHA_T1	3	6	3	0.67	0.57	-0.1	0	0	0	0	0	0	0	0
9/22/2023 11:24	60803 BUCK_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9/22/2023 11:24	24902 WHHA_T1	58	74	16	0.22	0.21	-0.01	0	0	0	0	0	0	0	0
9/22/2023 11:25	56802 BENV_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9/22/2023 11:25	24902 WHHA_T1	58	74	16	0.22	0.21	-0.01	0	0	0	0	0	0	0	0
9/22/2023 11:25	10805 CHHI_T2	1	1	0	8.5	8.4	-0.1	0	0	0	0	0	0	0	0
9/22/2023 11:26	17805 GILB_T2	1	2	1	0.2	0.3	0.1	0	0	0	0	0	0	0	0
9/22/2023 11:26	60803 BUCK_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9/22/2023 11:28	15601 NSTR_T2	3	7	4	0.7	1.23	0.53	0	0	0	0	0	0	0	0
9/22/2023 11:29	17805 GILB_T2	1	2	1	0.2	0.3	0.1	0	0	0	0	0	0	0	0
9/22/2023 11:30	63201 MGTN_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9/22/2023 11:33	58402 MORO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9/22/2023 11:34	65004 NEFF_T2	0	1	1	0	0.2	0.2	0	0	0	0	0	0	0	0
9/22/2023 11:34	14404 SSLA_T1	5	13	8	0.38	0.35	-0.03	0	0	0	0	0	0	0	0
9/22/2023 11:34	63201 MGTN_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9/22/2023 11:35	43301 WATS_T2	0	3	3	0	0.3	0.3	0	0	0	0	0	0	0	0
9/22/2023 11:35	43304 WATS_T2	0	1	1	0	0.4	0.4	0	0	0	0	0	0	0	0
9/22/2023 11:35	13105 NHAM_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9/22/2023 11:35	46301 ROHR_T1	2	4	2	0.4	0.35	-0.05	0	0	0	0	0	0	0	0
9/22/2023 11:35	67203 TEHI_T1	2	1	-1	0.1	0	-0.1	0	0	0	0	0	0	0	0
9/22/2023 11:36	29402 BELT_T1	1	3	2	0.4	0.33	-0.07	0	0	0	0	0	0	0	0
9/22/2023 11:37	67503 WEWI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9/22/2023 11:37	14403 SSLA_T1	2	8	6	0.45	0.33	-0.12	0	0	0	0	0	0	0	0
9/22/2023 11:37	14403 SSLA_T1	2	8	6	0.45	0.33	-0.12	0	0	0	0	0	0	0	0
9/22/2023 11:37	67503 WEWI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9/22/2023 11:37	56802 BENV_T2	135	170	35	0.26	0.32	0.06	0	0	0	0	0	0	0	0
9/22/2023 11:37	14802 TREI_T2	11	23	12	0.14	0.24	0.1	0	0	0	0	0	0	0	0
9/22/2023 11:38	14401 SSLA_T1	1	6	5	0.5	0.38	-0.12	0	0	0	0	0	0	0	0
9/22/2023 11:38	67502 WEWI_T2	7	7	0	0.31	0.21	-0.1	0	0	0	0	0	0	0	0
9/22/2023 11:38	56802 BENV_T2	135	170	35	0.26	0.32	0.06	0	0	0	0	0	0	0	0
9/22/2023 11:39	14404 SSLA_T1	5	13	8	0.38	0.35	-0.03	0	0	0	0	0	0	0	0
9/22/2023 11:39	67203 TEHI_T1	2	1	-1

9/22/2023 11:57	15001 BLMO_T1	3	2	-1	0.4	0.3	-0.1	0	0	0	0	0	0	0
9/22/2023 12:00	58402 MORO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
9/22/2023 12:08	13105 NHAM_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
9/22/2023 12:09	15001 BLMO_T1	1	2	1	0.3	0.3	0	0	0	0	0	0	0	0
9/22/2023 12:10	58402 MORO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
9/22/2023 12:11	15001 BLMO_T1	1	2	1	0.3	0.3	0	0	0	0	0	0	0	0
9/22/2023 12:12	54701 NEBL_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
9/22/2023 12:12	15001 BLMO_T1	1	2	1	0.3	0.3	0	0	0	0	0	0	0	0
9/22/2023 12:12	58402 MORO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
9/22/2023 12:12	63404 HONY_T1	44	161	117	0.59	0.57	-0.02	0	0	0	0	0	0	0
9/22/2023 12:17	60501 NMAN_T2	5	4	-1	3.18	3.6	0.42	0	0	0	0	0	0	0
9/22/2023 12:17	15001 BLMO_T1	2	2	0	0.3	0.4	0.1	0	0	0	0	0	0	0
9/22/2023 12:18	59002 MIFF_T1	6	6	0	0.43	0.45	0.02	0	0	0	0	0	0	0
9/22/2023 12:19	59003 MIFF_T1	1	2	1	0.2	0.25	0.05	0	0	0	0	0	0	0
9/22/2023 12:19	40601 PIGR_T1	331	329	-2	0.81	0.83	0.02	0	0	0	0	0	0	0
9/22/2023 12:20	46301 ROHR_T1	3	5	2	0.17	0.44	0.27	0	0	0	0	0	0	0
9/22/2023 12:22	67001 STHI_T2	6	9	3	0.17	0.3	0.13	0	0	0	0	0	0	0
9/22/2023 12:22	14404 SSLA_T1	8	25	17	0.25	0.33	0.08	0	0	0	0	0	0	0
9/22/2023 12:22	56802 BENV_T2	191	235	44	0.4	0.44	0.04	0	0	0	0	0	0	0
9/22/2023 12:23	14402 SSLA_T1	14	59	45	0.29	0.21	-0.08	0	0	0	0	0	0	0
9/22/2023 12:23	14404 SSLA_T1	8	25	17	0.25	0.33	0.08	0	0	0	0	0	0	0
9/22/2023 12:23	56802 BENV_T2	191	235	44	0.4	0.44	0.04	0	0	0	0	0	0	0
9/22/2023 12:25	56802 BENV_T2	191	235	44	0.4	0.44	0.04	0	0	0	0	0	0	0
9/22/2023 12:26	56802 BENV_T2	191	235	44	0.4	0.44	0.04	0	0	0	0	0	0	0
9/22/2023 12:29	56802 BENV_T2	191	235	44	0.4	0.44	0.04	0	0	0	0	0	0	0
9/22/2023 12:31	44902 SCOT_T2	0	2	2	0	0.4	0.4	0	0	0	0	0	0	0
9/22/2023 12:31	53902 HAU_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
9/22/2023 12:33	56802 BENV_T2	216	220	4	0.42	0.44	0.02	0	0	0	0	0	0	0
9/22/2023 12:34	56802 BENV_T2	216	220	4	0.42	0.44	0.02	0	0	0	0	0	0	0
9/22/2023 12:35	43301 WATS_T2	2	1	-1	1	0.1	-0.9	0	0	0	0	0	0	0
9/22/2023 12:35	14404 SSLA_T1	24	17	-7	0.29	0.39	0.1	0	0	0	0	0	0	0
9/22/2023 12:35	56802 BENV_T2	216	220	4	0.42	0.44	0.02	0	0	0	0	0	0	0
9/22/2023 12:36	43304 WATS_T2	1	1	0	0.2	0.5	0.3	0	0	0	0	0	0	0
9/22/2023 12:36	15001 BLMO_T1	1	2	1	0.1	0.4	0.3	0	0	0	0	0	0	0
9/22/2023 12:39	15001 BLMO_T1	1	2	1	0.1	0.4	0.3	0	0	0	0	0	0	0
9/22/2023 12:39	46005 BERW_T1	0	2	2	0	0.25	0.25	0	0	0	0	0	0	0
9/22/2023 12:46	54701 NEBL_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
9/22/2023 12:55	61103 BERK_T5	0	0	0	0	0	0	0	0	0	0	0	0	0
9/22/2023 12:57	61103 BERK_T5	0	0	0	0	0	0	0	0	0	0	0	0	0
9/22/2023 13:02	47401 PENS_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
9/22/2023 13:04	47402 PENS_T1	0	1	1	0	0.3	0.3	0	0	0	0	0	0	0
9/22/2023 13:06	47403 PENS_T1	1	1	0	2.1	2	-0.1	0	0	0	0	0	0	0
9/22/2023 13:12	56802 BENV_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
9/22/2023 13:17	54701 NEBL_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
9/22/2023 13:18	46301 ROHR_T1	3	8	5	0.4	0.51	0.11	0	0	0	0	0	0	0
9/22/2023 13:21	14801 TREI_T2	84	70	-14	0.31	0.23	-0.08	0	0	0	0	0	0	0
9/22/2023 13:22	14801 TREI_T2	84	70	-14	0.31	0.23	-0.08	0	0	0	0	0	0	0
9/22/2023 13:28	56802 BENV_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
9/22/2023 13:32	63201 MGTN_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
9/22/2023 13:33	54701 NEBL_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
9/22/2023 13:34	46301 ROHR_T1	6	8	2	0.55	0.44	-0.11	0	0	0	0	0	0	0
9/22/2023 13:36	46301 ROHR_T1	6	8	2	0.55	0.44	-0.11	0	0	0	0	0	0	0
9/22/2023 13:36	54701 NEBL_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
9/22/2023 13:38	56802 BENV_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
9/22/2023 13:40	15001 BLMO_T1	2	1	-1	0.5	0.4	-0.1	0	0	0	0	0	0	0
9/22/2023 13:41	60801 BUCK_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
9/22/2023 13:45	42401 GIMA_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
9/22/2023 13:48	54701 NEBL_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
9/22/2023 13:59	56802 BENV_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
9/22/2023 14:01	28604 BLYT_T2	0	1	1	0	0.5	0.5	0	0	0	0	0	0	0
9/22/2023 14:04	46001 BERW_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
9/22/2023 14:05	58102 NEKI_T1	10	12	2	0.51	0.48	-0.03	0	0	0	0	0	0	0
9/22/2023 14:05	67203 TEHI_T1	1	1	0	0	0	0	0	0	0	0	0	0	0
9/22/2023 14:06	67204 TEHI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
9/22/2023 14:08	15001 BLMO_T1	0	1	1	0	0.2	0.2	0	0	0	0	0	0	0
9/22/2023 14:08	56802 BENV_T2	180	176	-4	0.33	0.29	-0.04	0	0	0	0	0	0	0
9/22/2023 14:09	28604 BLYT_T2	0	1	1	0	0.5	0.5	0	0	0	0	0	0	0
9/22/2023 14:09	15001 BLMO_T1	0	1	1	0	0.2	0.2	0	0	0	0	0	0	0
9/22/2023 14:09	56802 BENV_T2	180	176	-4	0.33	0.29	-0.04	0	0	0	0	0	0	0
9/22/2023 14:09	67204 TEHI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
9/22/2023 14:09	60701 BREC_T1	0	2	2	0	0.15	0.15	0	0	0	0	0	0	0
9/22/2023 14:10	56802 BENV_T2	180	176	-4	0.33	0.29	-0.04	0	0	0	0	0	0	0
9/22/2023 14:10	60701 BREC_T1	0	2	2	0	0.15	0.15	0	0	0	0	0	0	0
9/22/2023 14:10	15001 BLMO_T1	0	1	1	0	0.2	0.2	0	0	0	0	0	0	0
9/22/2023 14:11	60801 BUCK_T1	1	2	1	0.1	0.4	0.3	0	0	0	0	0	0	0
9/22/2023 14:11	60701 BREC_T1	0	2	2	0	0.15	0.15	0	0	0	0	0	0	0
9/22/2023 14:11	15001 BLMO_T1	0	1	1	0	0.2	0.2	0	0	0	0	0	0	0
9/22/2023 14:11	28604 BLYT_T2	0	1	1	0	0.5	0.5	0	0	0	0	0	0	0
9/22/2023 14:11	56802 BENV_T2	180	176	-4	0.33	0.29	-0.04	0	0	0	0	0	0	0
9/22/2023 14:12	56802 BENV_T2	180	176	-4	0.33	0.29	-0.04	0	0	0	0	0	0	0
9/22/2023 14:14	46504 LOHA_T1	2	2	0	0.5	0.3	-0.2	0	0	0	0	0	0	0
9/22/2023 14:14	61303 EARL_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
9/22/2023 14:15	61304 EARL_T1	0	1	1	0	0.1	0.1	0	0	0	0	0	0	0
9/22/2023 14:15	42001 MNVL_T2	2	4	2	0.7	0.48	-0.22	0	0	0	0	0	0	0
9/22/2023 14:16	58402 MORO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
9/22/2023 14:17	46506 LOHA_T1	1	2	1	0.6	0.55	-0.05	0	0	0	0	0	0	0
9/22/2023 14:17	58402 MORO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
9/22/2023 14:19	13704 SCHN_T2	1	1	0	0.4	0.3	-0.1	0	0	0	0	0	0	0
9/22/2023 14:19	46501 LOHA_T1	1	1	0	0.7	0.8	0.1	0	0	0	0	0	0	0
9/22/2023 14:20	65001 NEFF_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
9/22/2023 14:20	66501 SMAN_T2	0	1	1	0	0.1	0.1	0	0	0	0	0	0	0
9/22/2023 14:21	66501 SMAN_T2	0	1	1	0	0.1	0.1	0	0	0	0	0	0	0
9/22/2023 14:21	13704 SCHN_T2	1	1	0	0.4	0.3	-0.1	0	0	0	0	0	0	0
9/22/2023 14:21	58402 MORO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
9/22/2023 14:22	66502 SMAN_T2	0	1	1	0	0.3	0.3	0	0	0	0	0	0	0
9/22/2023 14:22	66505 SMAN_T2	0	1	1	0	0.6	0.6	0	0	0	0	0	0	0
9/22/2023 14:22	46001 BERW_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
9/22/2023 14:22	67502 WEWI_T2	6	6	0	0.33	0.33	0	0	0	0	0	0	0	0
9/22/2023 14:24	61303 EARL_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
9/22/2023 14:24	56802 BENV_T2	175	98	-77	0.29	0.2	-0.09	0	0	0	0	0	0	0
9/22/2023 14:24	46203 DANV_T2	7	8	1	0.37	0.59	0.22	0	0	0	0	0	0	0
9/22/2023 14:25	49803 UNIV_T1	2	2	0	1.1	0.85	-0.25	0	0	0	0	0	0	0
9/22/2023 14:25	67502 WEWI_T2	6	6	0	0.33	0.33	0	0	0	0	0	0	0	0
9/22/2023 14:25	60803 BUCK_T1	3	2	-1	0.13	0.1	-0.03	0	0	0	0	0	0	0
9/22/2023 14:25	56802 BENV_T2	175	98	-77	0.29	0.2	-0.09	0	0	0	0	0	0	0
9/22/2023 14:25	61303 EARL_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
9/22/2023 14:25	15001 BLMO_T1	1	0	-1	0.2	0	-0.2	0	0	0	0	0	0	0
9/22/2023 14:25	60101 COCA_T1	1	0	-1	0.1	0	-0.1	0	0	0	0	0	0	0
9/22/2023 14:26	67502 WEWI_T2	6	6	0	0.33	0.33	0	0	0	0	0	0	0	0
9/22/2023 14:26	60801 BUCK_T1	0	2	2	0	0.3	0.3	0	0	0	0	0	0	0
9/22/2023 14:26	28604 BLYT_T2	0	1	1	0	0.5	0.5	0	0	0	0	0	0	0
9/22/2023 14:26	56802 BENV_T2	175	98	-77	0.29	0.2	-0.09	0	0	0	0	0	0	0
9/22/2023 14:26	60101 COCA_T1	1	0	-1	0.1	0	-0.1	0	0	0	0	0	0	0
9/22/2023 14:26	15001 BLMO_T1	1	0	-1	0.2	0	-0.2	0	0	0	0	0	0	0
9/22/2023 14:27	15001 BLMO_T1	1	0	-1	0.2	0	-0.2	0	0	0	0	0	0	0
9/22/2023 14:27	60803 BUCK_T1	3	2	-1	0.13	0.1	-0.03	0	0	0	0	0	0	0
9/22/2023 14:27	56802 BENV_T2	175	98	-77	0.29	0.2	-0.09	0	0	0	0	0	0	0
9/22/2023 14:28	60801 BUCK_T1	0	2	2	0	0.3	0.3	0	0	0	0	0	0	0
9/22/2023 14:30	46501 LOHA_T1	1	1	0	0.3	1	0.7	0	0	0	0	0	0	0
9/22/2023 14:30	42902 MIDD_T2	1	2	1	0.3	0.2	-0.1	0	0	0	0	0	0	0
9/22/2023 14:30	12701 MACU_T1	1	1	0	6.2	2.4	-3.8	0	0	0	0	0	0	0
9/22/2023 14:31	42902 MIDD_T2	1	2	1	0.3	0.2	-0.1	0	0	0	0	0	0	0
9/22/2023 14:31	58402 MORO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
9/22/2023 14:31	58102 NEKI_T1	12	7	-5	0.48	0.51	0.03	0	0	0	0	0	0	0
9/22/2023 14:32	12701 MACU_T1	1	1	0	6.2	2.4	-3.8	0	0	0	0	0	0	0
9/22/2023 14:32	58402 MORO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
9/22/2023 14:32	46504 LOHA_T1	0	3	3	0	0.53	0.53	0	0	0	0	0	0	0
9/22/2023 14:32	56802 BENV_T2	97	111	14	0.19	0.19	0	0	0	0	0	0	0	0
9/22/2023 14:33	46504 LOHA_T1	0	3	3	0	0.53	0.53	0	0	0	0	0	0	0
9/22/2023 14:33	46503 LOHA_T1	1	1	0	0.5	0.5	0	0	0	0	0	0	0	0
9/22/2023 14:33	12701 MACU_T1	1	1	0	6.2	2.4	-3.8	0	0	0	0	0	0	0
9/22/2023 14:33	13105 NHAM_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
9/22/2023 14:34	13701 SCHN_T2	0	3	3	0	0.2	0.2	0	0	0	0	0	0	0
9/22/2023 14:35	46506 LOHA_T1	1	2	1	0.8	0.5	-0.3	0	0	0	0	0	0	0
9/22/2023 14:35	46301 ROHR_T1	7	9	2	0.49	0.5	0.01	0	0	0	0	0	0	0
9/22/2023 14:35	59402 RFLD_T2	4	4	3	0.4	0.25	-0.15	0	0	0	0	0	0	0
9/22/2023 14:36	13701 SCHN_T2	0	3	3	0	0.2	0.2	0	0	0	0	0	0	0
9/22/2023 14:36	46301 ROHR_T1	7	9	2	0.49	0.5	0.01	0	0	0	0	0	0	0
9/22/2023 14:36	66501 SMAN_T2	0	1	1	0	0.1	0.1	0	0	0	0	0	0	0
9/22/2023 14:36	65003 NEFF_T2	5	6	1	0.18	0.28	0.1	0	0	0	0	0	0	0
9/22/2023 14:36	66504 SMAN_T2	1	0	-1	7.7	0	-7.7	0	0	0	0	0	0	0
9/22/2023 14:37	44302 BEAV_T2	14	30	16	0.63	0.41	-0.22	0	0	0	0	0	0	0
9/22/2023 14:37	46001 BERW_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
9/22/2023 14:37	15001 BLMO_T1	0	1	1	0	0.3	0.3	0	0	0	0	0	0	0
9/22/2023 14:37	67203 TEHI_T1	1	2	1	0	0	0	0	0	0	0	0	0	0
9/22/2023 14:37	46301 ROHR_T1	7	9	2	0.49	0.5	0.01	0	0	0	0	0	0	0
9/22/2023 14:37	67502 WEWI_T2	6	4	-2	0.33	0.28	-0.05	0	0	0	0	0	0	0
9/22/2023 14:38	66504 SMAN_T2	1	0	-1	7.7	0	-7.7	0	0	0	0	0	0	0
9/22/2023 14:38	66501 SMAN_T2	0	1	1	0	0.1	0.1	0	0	0	0	0	0	0
9/22/2023 14:38	60803 BUCK_T1	1	4	3	0.1	0.1	0	0	0	0	0	0	0	0
9/22/2023 14:38	56802 BENV_T2	97	111	14	0.19	0.19	0	0	0	0	0	0	0	0
9/22/2023 14:39	15001 BLMO_T1	0	1	1	0	0.3	0.3	0	0	0	0	0	0	0
9/22/2023 14:40	46203 DANV_T2	7	9	2	0.41	0.51	0.1	0	0	0	0	0	0	0
9/22/2023 14:40	67503 WEWI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
9/22/2023 14:40	56802 BENV_T2	97	111	14	0.19	0.19	0	0	0	0	0	0	0	0
9/22/2023 14:41	67502 WEWI_T2	6	4	-2	0.33	0.28	-0.05	0	0	0	0	0	0	0
9/22/2023 14:41	49804 UNIV_T1	0	1	1	0	0.5	0.5	0	0	0	0	0	0	0
9/22/2023 14:41	56802 BENV_T2	97	111	14	0.19	0.19	0	0	0	0	0	0	0	0
9/22/2023 14:41	60801 BUCK_T1	1	1	0	0.4	0.2	-0.2	0	0	0	0	0	0	0
9/22/2023 14:41	67502 WEWI_T2	6	4	-2	0.33	0.28	-0.05	0	0	0	0	0	0	0
9/22/2023 14:41	28604 BLYT_T2	1	0	-1	0.5	0	-0.5	0	0	0	0	0	0	0
9/22/2023 14:41	51604 DUKE_T2	9	9	0	0.32	0.29	-0.03	0	0	0	0	0	0	0
9/22/2023 14:42	56802 BENV_T2	97	111	14	0.19	0.19	0	0	0	0	0	0	0	0
9/22/2023 14:42	67502 WEWI_T2	6	4	-2	0.33	0.28	-0.05	0	0	0	0	0	0	0
9/22/2023 14:42	60801 BUCK_T1	1	1	0	0.4	0.2	-0.2	0	0	0	0	0	0	0
9/22/2023 14:43	56802 BENV_T2	97	111	14	0.19	0.19	0	0	0	0	0	0	0	0
9/22/2023 14:43	41801 GOCI_T2	1	48	47	0.6	0.19	-0.41	0	0	0	0	0	0	0
9/22/2023 14:46	63804 HEMP_T1	1	1	0	6.3	6.1	-0.2	0	0	0	0	0	0	0
9/22/2023 14:46	42901 MIDD_T2	3	3	0	0.37	0.33	-0.04	0	0	0	0	0	0	0
9/22/2023 14:46	12701 MACU_T1	1	1	0	3	2.4	-0.6	0	0	0	0	0	0	0
9/22/2023 14:47	42902 MIDD_T2	1	1	0	0.1	0.6	0.5	0	0	0	0	0	0	0
9/22/2023 14:47	58402 MORO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
9/22/2023 14:47	58101 NEKI_T1	1	1	0	0.2	0.1	-0.1	0	0	0	0	0	0	0
9/22/2023 14:48	13704 SCHN_T2	1	2	1	0.3	0.35	0.05	0	0	0	0	0	0	0
9/22/2023 14:48	58402 MORO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
9/22/2023 14:48	12701 MACU_T1	1	1	0	3	2.4	-0.6	0	0	0	0	0	0	0
9/22/2023 14:49	13105 NHAM_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
9/22/2023 14:50	14401 SSLA_T1	2	3	1	0.35	0.47	0.12	0	0	0	0	0	0	0
9/22/2023 14:51	14401 SSLA_T1	2	3	1	0.35	0.47	0.12	0	0	0	0	0	0	0
9/22/2023 14:51	13704 SCHN_T2	1	2	1	0.3	0.35	0.05	0	0	0	0	0	0	0
9/22/2023 14:51	53903 HAU_T2	2	2	0	0.8	0.8	0	0	0	0	0	0	0	0
9/22/2023 14:51	67204 TEHI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
9/22/2023 14:51	67201 TEHI_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
9/22/2023 14:52	14404 SSLA_T1	6	10	4	0.25	0.28	0.03	0	0	0	0	0	0	0
9/22/2023 14:52	13704 SCHN_T2	1	2	1	0.3	0.35	0.05	0	0	0	0	0	0	0
9/22/2023 14:53	67204 TEHI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
9/22/2023 14:53	12701 MACU_T1	1	1	0	3	2.4	-0.6	0	0	0	0	0	0	0
9/22/2023 14:54	14404 SSLA_T1	6	10	4	0.25	0.28	0.03	0	0	0	0	0	0	0
9/22/2023 14:54	67502 WEWI_T2	4	4	0	0.25	0.25	0	0	0	0	0	0	0	0
9/22/2023 14:54	12701 MACU_T1	1	1	0	3	2.4	-0.6	0	0	0	0	0	0	0
9/22/2023 14:

Appendix C - Grid Benefits Achieved in Each Instance of Active Management

9/22/2023 15:14	62101 ELAN_T1	1	1	0	0.1	0.1	0	0	0	0	0	0	0	0	0
9/22/2023 15:18	63201 MGTN_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9/22/2023 15:23	42002 MNVL_T2	1	1	0	2.1	1.8	-0.3	0	0	0	0	0	0	0	0
9/22/2023 15:27	28602 BLYT_T2	0	1	1	0	0.1	0.1	0	0	0	0	0	0	0	0
9/22/2023 15:32	63401 HONY_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9/22/2023 15:34	42901 MIDD_T2	3	79	76	0.43	0.19	-0.24	0	0	0	0	0	0	0	0
9/22/2023 15:38	43301 WATS_T2	2	2	0	0.75	0.8	0.05	0	0	0	0	0	0	0	0
9/22/2023 15:39	43301 WATS_T2	2	2	0	0.75	0.8	0.05	0	0	0	0	0	0	0	0
9/22/2023 15:40	43301 WATS_T2	2	2	0	0.75	0.8	0.05	0	0	0	0	0	0	0	0
9/22/2023 15:40	43301 WATS_T2	2	2	0	0.75	0.8	0.05	0	0	0	0	0	0	0	0
9/22/2023 15:44	62604 ENGL_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9/22/2023 15:45	56803 BENV_T1	0	1	1	0	0	0	0	0	0	0	0	0	0	0
9/22/2023 15:46	46503 LOHA_T1	0	1	1	0	0.5	0.5	0	0	0	0	0	0	0	0
9/22/2023 15:49	42902 MIDD_T2	64	94	30	0.3	0.27	-0.03	0	0	0	0	0	0	0	0
9/22/2023 15:54	44302 BEAV_T2	63	145	82	0.22	0.35	0.13	0	0	0	0	0	0	0	0
9/22/2023 15:54	28602 BLYT_T2	1	2	1	0.1	0.2	0.1	0	0	0	0	0	0	0	0
9/22/2023 15:54	61404 SLIT_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9/22/2023 15:55	44302 BEAV_T2	63	145	82	0.22	0.35	0.13	0	0	0	0	0	0	0	0
9/22/2023 15:56	44302 BEAV_T2	63	145	82	0.22	0.35	0.13	0	0	0	0	0	0	0	0
9/22/2023 16:10	44301 BEAV_T2	0	2	2	0	0.4	0.4	0	0	0	0	0	0	0	0
9/22/2023 16:11	15001 BLMO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9/22/2023 16:12	44302 BEAV_T2	68	214	146	0.19	0.39	0.2	0	0	0	0	0	0	0	0
9/22/2023 16:16	52402 GRPA_T2	4	4	0	1.43	1.5	0.07	0	0	0	0	0	0	0	0
9/22/2023 16:35	14401 SSLA_T1	5	8	3	0.18	0.21	0.03	0	0	0	0	0	0	0	0
9/22/2023 16:36	14401 SSLA_T1	5	8	3	0.18	0.21	0.03	0	0	0	0	0	0	0	0
9/22/2023 16:37	44301 BEAV_T2	2	6	4	0.4	0.35	-0.05	0	0	0	0	0	0	0	0
9/22/2023 16:38	44302 BEAV_T2	206	325	119	0.39	0.4	0.01	0	0	0	0	0	0	0	0
9/22/2023 16:41	13503 MCMI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9/22/2023 16:42	44301 BEAV_T2	2	6	4	0.4	0.35	-0.05	0	0	0	0	0	0	0	0
9/22/2023 16:52	49803 UNIV_T1	0	1	1	0	0.1	0.1	0	0	0	0	0	0	0	0
9/22/2023 16:53	56803 BENV_T1	1	1	0	1	0	-1	0	0	0	0	0	0	0	0
9/22/2023 17:04	40903 JESH_T1	0	3	3	0	0.1	0.1	0	0	0	0	0	0	0	0
9/22/2023 17:34	12206 FOGE_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9/22/2023 19:54	15604 NSTR_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9/22/2023 20:14	42401 GIMA_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9/22/2023 20:15	63401 HONY_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9/22/2023 20:16	46302 ROHR_T1	5	5	0	1.72	1.92	0.2	0	0	0	0	0	0	0	0
9/22/2023 20:16	60801 BUCK_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9/22/2023 20:17	56802 BENV_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9/22/2023 20:17	46301 ROHR_T1	21	44	23	0.11	0.15	0.04	0	0	0	0	0	0	0	0
9/22/2023 20:20	45802 HEGI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9/22/2023 20:21	47101 MARL_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9/22/2023 20:22	52403 GRPA_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9/22/2023 20:22	54701 NEBL_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9/22/2023 20:25	54701 NEBL_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9/22/2023 20:53	67503 WEWI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9/22/2023 20:53	14801 TREI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9/22/2023 20:54	12206 FOGE_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9/22/2023 20:55	60101 COCA_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9/22/2023 20:55	24902 WHHA_T1	172	296	124	0.24	0.31	0.07	0	0	0	0	0	0	0	0
9/22/2023 20:55	62604 ENGL_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9/22/2023 20:55	12701 MACU_T1	1	1	0	1.3	2.6	1.3	0	0	0	0	0	0	0	0
9/22/2023 20:55	15001 BLMO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9/22/2023 20:56	67502 WEWI_T2	1	0	-1	0.1	0	-0.1	0	0	0	0	0	0	0	0
9/22/2023 20:58	24902 WHHA_T1	172	296	124	0.24	0.31	0.07	0	0	0	0	0	0	0	0
9/22/2023 20:59	60701 BREC_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9/22/2023 20:59	65003 NEFF_T2	0	2	2	0	0.1	0.1	0	0	0	0	0	0	0	0
9/22/2023 20:59	56802 BENV_T2	254	289	35	0.45	0.59	0.14	0	0	0	0	0	0	0	0
9/22/2023 20:59	10805 CHHI_T2	1	1	0	8.1	8	-0.1	0	0	0	0	0	0	0	0
9/22/2023 21:00	46301 ROHR_T1	80	69	-11	0.17	0.16	-0.01	0	0	0	0	0	0	0	0
9/22/2023 21:01	12701 MACU_T1	1	1	0	2.6	2.8	0.2	0	0	0	0	0	0	0	0
9/22/2023 21:01	60801 BUCK_T1	25	45	20	0.12	0.2	0.08	0	0	0	0	0	0	0	0
9/22/2023 21:02	51604 DUKE_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9/22/2023 21:03	61303 EARL_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9/22/2023 21:05	67503 WEWI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9/22/2023 21:07	47101 MARL_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9/22/2023 21:09	29401 BELT_T1	9	9	0	0.1	0.13	0.03	0	0	0	0	0	0	0	0
9/22/2023 21:10	20403 ASHF_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9/22/2023 21:11	45902 AUBU_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9/22/2023 21:11	24901 WHHA_T1	52	21	-31	0.16	0.14	-0.02	0	0	0	0	0	0	0	0
9/22/2023 21:11	26603 BROO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9/22/2023 21:12	44902 SCOT_T2	228	234	6	0.26	0.22	-0.04	0	0	0	0	0	0	0	0
9/22/2023 21:12	23401 HONE_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9/22/2023 21:12	67502 WEWI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9/22/2023 21:14	67503 WEWI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9/22/2023 21:14	67204 TEHI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9/22/2023 21:14	45902 AUBU_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9/22/2023 21:14	60101 COCA_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9/22/2023 21:14	17804 GILB_T2	1	5	4	0.1	0.12	0.02	0	0	0	0	0	0	0	0
9/22/2023 21:15	20403 ASHF_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9/22/2023 21:15	66504 SMAN_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9/22/2023 21:15	64802 MONE_T2	0	1	1	0	0.3	0.3	0	0	0	0	0	0	0	0
9/22/2023 21:15	56802 BENV_T2	270	435	165	0.58	0.53	-0.05	0	0	0	0	0	0	0	0
9/22/2023 21:15	14403 SSLA_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9/22/2023 21:15	15001 BLMO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9/22/2023 21:15	67201 TEHI_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9/22/2023 21:15	46001 BERW_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9/22/2023 21:15	28403 HART_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9/22/2023 21:15	14403 SSLA_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9/22/2023 21:15	42201 SHEN_T2	1	1	0	0.1	0.2	0.1	0	0	0	0	0	0	0	0
9/22/2023 21:15	58101 NEKI_T1	142	115	-27	0.2	0.15	-0.05	0	0	0	0	0	0	0	0
9/22/2023 21:15	44601 SALE_T2	1	1	0	0.5	0.9	0.4	0	0	0	0	0	0	0	0
9/22/2023 21:15	59201 THOM_T1	11	19	8	0.32	0.51	0.19	0	0	0	0	0	0	0	0
9/22/2023 21:16	63802 HEMP_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9/22/2023 21:16	60801 BUCK_T1	2	127	125	0.1	0.29	0.19	0	0	0	0	0	0	0	0
9/22/2023 21:16	60701 BREC_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9/22/2023 21:16	44902 SCOT_T2	148	232	84	0.22	0.24	0.02	0	0	0	0	0	0	0	0
9/22/2023 21:16	44601 SALE_T2	1	1	0	0.5	0.9	0.4	0	0	0	0	0	0	0	0
9/22/2023 21:16	45902 AUBU_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9/22/2023 21:16	41801 GOCI_T2	79	141	62	0.19	0.31	0.12	0	0	0	0	0	0	0	0
9/22/2023 21:17	60501 NMAN_T2	3	3	0	4.3	4.77	0.47	0	0	0	0	0	0	0	0
9/22/2023 21:17	41802 GOCI_T2	19	26	7	0.21	0.29	0.08	0	0	0	0	0	0	0	0
9/22/2023 21:17	66504 SMAN_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9/22/2023 21:17	62607 ENGL_T1	0	105	105	0	0.15	0.15	0	0	0	0	0	0	0	0
9/22/2023 21:17	66504 SMAN_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9/22/2023 21:17	13105 NHAM_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9/22/2023 21:17	26603 BROO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9/22/2023 21:17	67203 TEHI_T1	1	1	0	0	0	0	0	0	0	0	0	0	0	0
9/22/2023 21:18	47101 MARL_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9/22/2023 21:19	42903 MIDD_T2	34	151	117	0.39	0.5	0.11	0	0	0	0	0	0	0	0
9/22/2023 21:19	44301 BEAV_T2	13	15	2	0.62	0.87	0.25	0	0	0	0	0	0	0	0
9/22/2023 21:19	43302 WATS_T2	4	4	0	0.23	0.53	0.3	0	0	0	0	0	0	0	0
9/22/2023 21:19	59002 MIFF_T1	1	15	14	0.1	0.29	0.19	0	0	0	0	0	0	0	0
9/22/2023 21:19	28602 BLYT_T2	1	2	1	0.2	0.25	0.05	0	0	0	0	0	0	0	0
9/22/2023 21:19	56503 ROCK_T2	14	123	109	0.11	0.16	0.05	0	0	0	0	0	0	0	0
9/22/2023 21:19	42902 MIDD_T2	179	277	98	0.47	0.67	0.2	0	0	0	0	0	0	0	0
9/22/2023 21:20	43202 MVIL_T2	100	97	-3	0.85	0.75	-0.1	0	0	0	0	0	0	0	0
9/22/2023 21:20	49803 UNIV_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9/22/2023 21:20	43304 WATS_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9/22/2023 21:20	44302 BEAV_T2	477	565	88	0.71	0.91	0.2	0	0	0	0	0	0	0	0
9/22/2023 21:20	42901 MIDD_T2	384	564	180	0.48	0.63	0.15	0	0	0	0	0	0	0	0
9/22/2023 21:20	41801 GOCI_T2	79	141	62	0.19	0.31	0.12	0	0	0	0	0	0	0	0
9/22/2023 21:20	64305 LINC_T1	0	1	1	0	0.2	0.2	0	0	0	0	0	0	0	0
9/22/2023 21:20	41901 REED_T1	11	0	-11	0.23	0	-0.23	0	0	0	0	0	0	0	0
9/22/2023 21:20	40101 HUNT_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9/22/2023 21:21	42902 MIDD_T2	179	277	98	0.47	0.67	0.2	0	0	0	0	0	0	0	0
9/22/2023 21:21	43302 WATS_T2	4	4	0	0.23	0.53	0.3	0	0	0	0	0	0	0	0
9/22/2023 21:21	45001 LIME_2	15	1	-14	0.2	0.1	-0.1	0	0	0	0	0	0	0	0
9/22/2023 21:21	46506 LOHA_T1	0	2	2	0	0.15	0.15	0	0	0	0	0	0	0	0
9/22/2023 21:21	56802 BENV_T2	270	435	165	0.58	0.53	-0.05	0	0	0	0	0	0	0	0
9/22/2023 21:21	44301 BEAV_T2	13	15	2	0.62	0.87	0.25	0	0	0	0	0	0	0	0
9/22/2023 21:22	44301 BEAV_T2	13	15	2	0.62	0.87	0.25	0	0	0	0	0	0	0	0
9/22/2023 21:22	40903 JESH_T1	0	17	17	0	0.11	0.11	0	0	0	0	0	0	0	0
9/22/2023 21:25	42903 MIDD_T2	34	151	117	0.39	0.5	0.11	0	0	0	0	0	0	0	0
9/22/2023 21:25	52401 GRPA_T2	1	1	0	0.1	0.8	0.7	0	0	0	0	0	0	0	0
9/22/2023 21:25	46504 LOHA_T1	2	2	0	0.55	0.4	-0.15	0	0	0	0	0	0	0	0
9/22/2023 21:25	42903 MIDD_T2	34	151	117	0.39	0.5	0.11	0	0	0	0	0	0	0	0
9/22/2023 21:26	44301 BEAV_T2	13	15	2	0.62	0.87	0.25	0	0	0	0	0	0	0	0
9/22/2023 21:57	47101 MARL_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9/23/2023 0:01	28604 BLYT_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9/23/2023 0:28	42903 MIDD_T2	214	209	-5	0.51	0.53	0.02	0	0	0	0	0	0	0	0
9/23/2023 0:28	46504 LOHA_T1	2	2	0	0.45	0.85	0.4	0	0	0	0	0	0	0	0
9/23/2023 0:28	15601 NSTR_T2	3	3	0	0.8	0.63	-0.17	0	0	0	0	0	0	0	0
9/23/2023 0:28	40601 PIGR_T1	310	283	-27	0.84	0.74	-0.1	0	0	0	0	0	0	0	0
9/23/2023 0:28	28604 BLYT_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9/23/2023 0:28	66703 STRA_T1	221	120	-101	0.31	0.19	-0.12	0	0	0	0	0	0	0	0
9/23/2023 0:28	46503 LOHA_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9/23/2023 0:28	43304 WATS_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9/23/2023 0:28	45702 LIND_T2	1	0	-1	0.2	0	-0.2	0	0	0	0	0	0	0	0
9/23/2023 0:28	61404 SLIT_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9/23/2023 0:28	45003 LIME_2	1	1	0	4.6	4.6	0	0	0	0	0	0	0	0	0
9/23/2023 0:28	44802 EDAN_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9/23/2023 0:28	53501 EVIL_T2	18	22	4	1.17	1.16	-0.01	0	0	0	0	0	0	0	0
9/23/2023 0:28	46302 ROHR_T1	4	4	0	2.3	2.18	-0.12	0	0	0	0	0	0	0	0
9/23/2023 0:28	67503 WEWI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9/23/2023 0:28	46801 HEPB_T2	2	2	0	0.4	0.35	-0.05	0	0	0	0	0	0	0	0
9/23/2023 0:28	10801 CHHI_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9/23/2023 0:28	12701 MACU_T1	1	1	0	3.1	2	-1.1	0	0	0	0	0	0	0	0
9/23/2023 0:28	45802 HEGI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9/23/2023 0:28	56801 BENV_T1	29	31	2	0.99	1	0.01	0	0	0	0	0	0	0	0
9/23/2023 0:28	14403 SSLA_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9/23/2023 0:28	14403 SSLA_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9/23/2023 0:28	59002 MIFF_T1	2	6	4	0.1	0.23	0.13	0	0	0	0	0	0	0	0
9/23/2023 0:28	67204 TEHI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9/23/2023 0:28	43202 MVIL_T2	41	64	23	0.16	0.3	0.14	0	0	0	0	0	0	0	0
9/23/2023 0:28	52404 GRPA_T2	1	1	0	0.2	0.3	0.1	0	0	0	0	0	0	0	0
9/23/2023 0:28	60701 BREC_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9/23/2023 0:28	28403 HART_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9/23/2023 0:28	61306 EARL_T1	1	4	3	0.1	0.15	0.05	0	0	0	0	0	0	0	0
9/23/2023 0:28	61304 EARL_T1	39	237	198	0.16	0.15	-0.01	0	0	0	0	0	0	0	0
9/23/2023 0:28	46001 BERW_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9/23/2023 0:28	44302 BEAV_T2	566	567	1	0.83	0.88	0.05	0	0	0	0	0	0	0	0
9/23/2023 0:28	54701 NEBL_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9/23/2023 0:28	46504 LOHA_T1	2	2	0	0.45	0.85	0.4	0	0	0	0	0	0	0	0
9/23/2023 0:28	59402 RFLD_T2	44	83	39	0.24	0.33	0.09	0	0	0	0	0	0	0	0
9/23/2023 0:28	62604 ENGL_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9/23/2023 0:28	40902 JESH_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9/23/2023 0:28	40101 HUNT_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9/23/2023 0:28	64301 LINC_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9/23/2023 0:28	60803 BUCK_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9/23/2023 0:28	67502 WEWI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9/23/2023 0:28	66505 SMAN_T2	3	3	0	0.5	1	0.5	0	0	0	0	0	0	0	0
9/23/2023 0:28	51604 DUKE_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9/23/2023 0:28	61801 EELI_T2	2	2	0

9/23/2023 9:24	29401 BELT_T1	0	68	68	0	0.29	0.29	0	0	0	0	0	0	0	0
9/23/2023 9:24	49803 UNIV_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9/23/2023 9:27	56802 BENV_T2	1	1	0	1.3	1.1	-0.2	0	0	0	0	0	0	0	0
9/23/2023 9:29	13503 MCMI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9/23/2023 9:29	23401 HONE_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9/23/2023 9:30	25404 LAHA_T2	2	27	25	0.1	0.1	0	0	0	0	0	0	0	0	0
9/23/2023 9:30	52403 GRPA_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9/23/2023 9:31	43202 MVIL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9/23/2023 9:34	42201 SHEN_T2	1	1	0	0.2	0.1	-0.1	0	0	0	0	0	0	0	0
9/23/2023 9:35	43202 MVIL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9/23/2023 9:35	59202 THOM_T1	0	3	3	0	0.1	0.1	0	0	0	0	0	0	0	0
9/23/2023 9:35	48302 ORWI_T2	2	2	0	0.3	0.25	-0.05	0	0	0	0	0	0	0	0
9/23/2023 9:35	49803 UNIV_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9/23/2023 9:36	45902 AUBU_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9/23/2023 9:37	56802 BENV_T2	1	7	6	1.1	0.23	-0.87	0	0	0	0	0	0	0	0
9/23/2023 9:39	45902 AUBU_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9/23/2023 9:39	56802 BENV_T2	1	7	6	1.1	0.23	-0.87	0	0	0	0	0	0	0	0
9/23/2023 9:40	67503 WEWI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9/23/2023 9:41	56802 BENV_T2	1	7	6	1.1	0.23	-0.87	0	0	0	0	0	0	0	0
9/23/2023 9:43	47101 MARL_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9/23/2023 9:47	47101 MARL_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9/23/2023 9:51	66504 SMAN_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9/23/2023 9:51	41901 REED_T1	2	0	-2	0.15	0	-0.15	0	0	0	0	0	0	0	0
9/23/2023 9:55	29401 BELT_T1	65	98	33	0.3	0.21	-0.09	0	0	0	0	0	0	0	0
9/23/2023 9:56	60801 BUCK_T1	0	1	-1	0	0	0	0	0	0	0	0	0	0	0
9/23/2023 9:57	40101 HUNT_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9/23/2023 9:58	12701 MACU_T1	1	1	0	1.7	2.5	0.8	0	0	0	0	0	0	0	0
9/23/2023 10:00	63401 HONY_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9/23/2023 10:00	42201 SHEN_T2	1	1	0	0.1	0.3	0.2	0	0	0	0	0	0	0	0
9/23/2023 10:00	60801 BUCK_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9/23/2023 10:00	45902 AUBU_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9/23/2023 10:00	59402 RFLD_T2	7	3	-4	0.13	0.1	-0.03	0	0	0	0	0	0	0	0
9/23/2023 10:00	56601 HAMP_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9/23/2023 10:00	29402 BELT_T1	279	268	-11	1.12	1	-0.12	0	0	0	0	0	0	0	0
9/23/2023 10:00	47101 MARL_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9/23/2023 10:00	67604 WARW_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9/23/2023 10:00	52403 GRPA_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9/23/2023 10:00	52503 PROG_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9/23/2023 10:00	64801 MONE_T2	1	1	0	0.6	0.5	-0.1	0	0	0	0	0	0	0	0
9/23/2023 10:00	12701 MACU_T1	1	1	0	2.5	2.5	0	0	0	0	0	0	0	0	0
9/23/2023 10:00	54701 NEBL_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9/23/2023 10:00	61303 EARL_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9/23/2023 10:00	15001 BLMO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9/23/2023 10:00	20401 ASHF_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9/23/2023 10:00	56802 BENV_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9/23/2023 10:00	12604 MACA_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9/23/2023 10:00	43304 WATS_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9/23/2023 10:06	67503 WEWI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9/23/2023 10:06	49803 UNIV_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9/23/2023 10:07	59202 THOM_T1	3	1	-2	0.1	0.1	0	0	0	0	0	0	0	0	0
9/23/2023 10:07	56802 BENV_T2	7	1	-6	0.23	0.9	0.67	0	0	0	0	0	0	0	0
9/23/2023 10:07	44302 BEAV_T2	79	97	18	0.32	0.29	-0.03	0	0	0	0	0	0	0	0
9/23/2023 10:07	66504 SMAN_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9/23/2023 10:07	41901 REED_T1	0	1	1	0	0.1	0.1	0	0	0	0	0	0	0	0
9/23/2023 10:08	15001 BLMO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9/23/2023 10:08	56802 BENV_T2	7	1	-6	0.23	0.9	0.67	0	0	0	0	0	0	0	0
9/23/2023 10:09	26603 BROO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9/23/2023 10:09	43401 BENT_T1	3	2	-1	0.57	0	-0.57	0	0	0	0	0	0	0	0
9/23/2023 10:09	56802 BENV_T2	7	1	-6	0.23	0.9	0.67	0	0	0	0	0	0	0	0
9/23/2023 10:10	56802 BENV_T2	7	1	-6	0.23	0.9	0.67	0	0	0	0	0	0	0	0
9/23/2023 10:10	15001 BLMO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9/23/2023 10:11	56802 BENV_T2	7	1	-6	0.23	0.9	0.67	0	0	0	0	0	0	0	0
9/23/2023 10:11	41801 GOCI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9/23/2023 10:11	26603 BROO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9/23/2023 10:11	61303 EARL_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9/23/2023 10:12	61303 EARL_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9/23/2023 10:12	15001 BLMO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9/23/2023 10:12	23401 HONE_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9/23/2023 10:12	46801 HEPB_T2	2	2	0	0.3	0.25	-0.05	0	0	0	0	0	0	0	0
9/23/2023 10:12	28403 HART_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9/23/2023 10:13	47101 MARL_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9/23/2023 10:13	40101 HUNT_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9/23/2023 10:13	52403 GRPA_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9/23/2023 10:13	45003 LIME_2	1	1	0	3.2	3.3	0.1	0	0	0	0	0	0	0	0
9/23/2023 10:14	41801 GOCI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9/23/2023 10:15	47101 MARL_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9/23/2023 10:16	45003 LIME_2	1	1	0	3	3.5	0.5	0	0	0	0	0	0	0	0
9/23/2023 10:16	13503 MCMI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9/23/2023 10:17	64301 LINC_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9/23/2023 10:17	43202 MVIL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9/23/2023 10:17	65001 NEFF_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9/23/2023 10:18	47101 MARL_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9/23/2023 10:18	12701 MACU_T1	1	1	0	2.8	2.4	-0.4	0	0	0	0	0	0	0	0
9/23/2023 10:19	43202 MVIL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9/23/2023 10:19	66505 SMAN_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9/23/2023 10:19	56501 ROCK_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9/23/2023 10:20	66505 SMAN_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9/23/2023 10:20	59101 WALK_T2	1	1	0	0	0	0	0	0	0	0	0	0	0	0
9/23/2023 10:21	42601 TUSC_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9/23/2023 10:22	56501 ROCK_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9/23/2023 10:22	67502 WEWI_T2	0	3	3	0	0.13	0.13	0	0	0	0	0	0	0	0
9/23/2023 10:22	60801 BUCK_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9/23/2023 10:22	45902 AUBU_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9/23/2023 10:22	59101 WALK_T2	1	1	0	0	0	0	0	0	0	0	0	0	0	0
9/23/2023 10:23	45902 AUBU_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9/23/2023 10:24	67203 TEHI_T1	1	1	0	0	0	0	0	0	0	0	0	0	0	0
9/23/2023 10:24	67502 WEWI_T2	0	3	3	0	0.13	0.13	0	0	0	0	0	0	0	0
9/23/2023 10:25	67502 WEWI_T2	0	3	3	0	0.13	0.13	0	0	0	0	0	0	0	0
9/23/2023 10:26	28604 BLYT_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9/23/2023 10:26	67502 WEWI_T2	0	3	3	0	0.13	0.13	0	0	0	0	0	0	0	0
9/23/2023 10:27	46801 HEPB_T2	2	2	0	0.2	0.25	0.05	0	0	0	0	0	0	0	0
9/23/2023 10:28	43401 BENT_T1	0	4	4	0	0	0	0	0	0	0	0	0	0	0
9/23/2023 10:29	12701 MACU_T1	1	1	0	2.8	2.4	-0.4	0	0	0	0	0	0	0	0
9/23/2023 10:29	46801 HEPB_T2	2	2	0	0.2	0.25	0.05	0	0	0	0	0	0	0	0
9/23/2023 10:29	17803 GILB_T2	0	1	1	0	0.3	0.3	0	0	0	0	0	0	0	0
9/23/2023 10:31	29402 BELT_T1	220	263	43	0.84	1	0.16	0	0	0	0	0	0	0	0
9/23/2023 10:33	29401 BELT_T1	35	52	17	0.19	0.23	0.04	0	0	0	0	0	0	0	0
9/23/2023 10:33	12701 MACU_T1	1	1	0	2.5	2.4	-0.1	0	0	0	0	0	0	0	0
9/23/2023 10:37	56803 BENV_T1	1	1	0	0.1	0	-0.1	0	0	0	0	0	0	0	0
9/23/2023 10:38	56803 BENV_T1	1	1	0	0.1	0	-0.1	0	0	0	0	0	0	0	0
9/23/2023 10:38	20403 ASHF_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9/23/2023 10:39	58001 WCAR_T1	4	4	0	1.33	1.45	0.12	0	0	0	0	0	0	0	0
9/23/2023 10:39	59101 WALK_T2	1	1	0	0	0	0	0	0	0	0	0	0	0	0
9/23/2023 10:39	20403 ASHF_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9/23/2023 10:39	10801 CHHI_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9/23/2023 10:43	52403 GRPA_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9/23/2023 10:44	61301 EARL_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9/23/2023 10:45	16402 MOPO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9/23/2023 10:45	42902 MIDD_T2	50	66	16	0.3	0.3	0	0	0	0	0	0	0	0	0
9/23/2023 10:47	58402 MORO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9/23/2023 10:48	16402 MOPO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9/23/2023 10:48	61801 EELI_T2	2	2	0	0.65	0.6	-0.05	0	0	0	0	0	0	0	0
9/23/2023 10:48	64801 MONE_T2	1	1	0	0.1	0.2	0.1	0	0	0	0	0	0	0	0
9/23/2023 10:49	46302 ROHR_T1	4	4	0	1.08	1.3	0.22	0	0	0	0	0	0	0	0
9/23/2023 10:50	48302 ORWI_T2	1	1	0	0.2	0.2	0	0	0	0	0	0	0	0	0
9/23/2023 10:50	44901 SCOT_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9/23/2023 10:50	66504 SMAN_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9/23/2023 10:51	44901 SCOT_T2	0	3	3	0	0	0	0	0	0	0	0	0	0	0
9/23/2023 10:53	67503 WEWI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9/23/2023 10:53	51604 DUKE_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9/23/2023 10:53	45901 AUBU_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9/23/2023 10:55	45901 AUBU_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9/23/2023 10:56	45902 AUBU_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9/23/2023 10:56	60803 BUCK_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9/23/2023 10:58	17805 GILB_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9/23/2023 10:58	51604 DUKE_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9/23/2023 10:59	17803 GILB_T2	0	1	1	0	0.2	0.2	0	0	0	0	0	0	0	0
9/23/2023 11:01	28403 HART_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9/23/2023 11:02	64305 LINC_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9/23/2023 11:05	46302 ROHR_T1	4	4	0	1.25	1.65	0.4	0	0	0	0	0	0	0	0
9/23/2023 11:05	54701 NEBL_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9/23/2023 11:08	46203 DANV_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9/23/2023 11:10	44301 BEAV_T2	2	2	0	0.55	0.5	-0.05	0	0	0	0	0	0	0	0
9/23/2023 11:10	56803 BENV_T1	1	1	0	0.1	0.8	0.7	0	0	0	0	0	0	0	0
9/23/2023 11:10	49803 UNIV_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9/23/2023 11:11	56802 BENV_T2	1	1	0	0.9	0.8	-0.1	0	0	0	0	0	0	0	0
9/23/2023 11:11	15001 BLMO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9/23/2023 11:14	63401 HONY_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9/23/2023 11:21	44601 SALE_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9/23/2023 11:22	45602 WOOL_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9/23/2023 11:23	16302 ALPA_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9/23/2023 11:23	67503 WEWI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9/23/2023 11:24	16302 ALPA_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9/23/2023 11:24	45602 WOOL_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9/23/2023 11:25	45602 WOOL_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9/23/2023 11:27	63401 HONY_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9/23/2023 11:35	66703 STRA_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9/23/2023 11:35	13105 NHAM_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9/23/2023 11:36	20601 GRWO_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9/23/2023 11:36	46001 BERW_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9/23/2023 11:38	45602 WOOL_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9/23/2023 11:38	67502 WEWI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9/23/2023 11:39	67503 WEWI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9/23/2023 11:39	67502 WEWI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9/23/2023 11:39	45602 WOOL_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9/23/2023 11:40	67503 WEWI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9/23/2023 11:40	67502 WEWI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9/23/2023 11:40	45602 WOOL_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9/23/2023 11:41	67503 WEWI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9/23/2023 11:43	67503 WEWI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9/23/2023 11:43	63401 HONY_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9/23/2023 11:45	45001 LIME_2	5	32	27	0.1	0.24	0.14	0	0	0	0	0	0	0	0
9/23/2023 11:46	12701 MACU_T1	0	1	1	0	0.7	0.7	0	0	0	0	0	0	0	0
9/23/2023 11:46	63404 HONY_T1	123	147	24	0.51	0.58	0.07	0	0	0	0	0	0	0	0
9/23/2023 11:47	12701 MACU_T1	0	1	1	0	0.7	0.7	0	0	0	0	0	0	0	0
9/23/2023 11:48	12701 MACU_T1	0	1	1	0	0.7	0.7	0	0	0	0	0	0	0	0
9/23/2023 11:48	45001 LIME_2	5	32	27	0.1	0.24	0.14	0	0	0	0	0	0	0	0
9/23/2023 11:49	42201 SHEN_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9/23/2023 11:52	46001 BERW_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9/23/2023 11:53	67203 TEHI_T1	1	1	0	0	0	0	0	0	0	0	0	0	0	0
9/23/2023 11:55	13102 NHAM_T2	0	1	1	0	0	0	0	0	0	0	0	0	0	0
9/23/2023 11:56	46001 BERW_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9/23/2023 11:59	45001 LIME_2	5	32	27	0.1	0.24	0.14	0	0	0	0	0	0	0	0
9/23/2023 12:01	13105 NHAM_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9/23/2023 12:01	45001 LIME_2	32	25	-7	0.24	0.18	-0.06	0	0	0	0	0	0	0	0
9/23/2023 12:03	45001 LIME_2	32	25	-7	0.24	0.18	-0.06	0	0	0	0	0	0	0	0
9/23/2023 12:06	42201 SHEN_T

9/23/2023 13:43	45001 LIME_2	0	3	3	0	0.1	0.1	0	0	0	0	0	0	0	0
9/23/2023 13:46	45001 LIME_2	1	27	26	0.1	0.21	0.11	0	0	0	0	0	0	0	0
9/23/2023 13:50	63401 HONY_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9/23/2023 13:51	14403 SSLA_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9/23/2023 13:52	14403 SSLA_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9/23/2023 14:07	45402 WBLO_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9/23/2023 14:08	49804 UNIV_T1	1	1	0	0.2	0.3	0.1	0	0	0	0	0	0	0	0
9/23/2023 14:08	56802 BENV_T2	1	2	1	0.9	0.6	-0.3	0	0	0	0	0	0	0	0
9/23/2023 14:09	56803 BENV_T1	1	0	-1	0.6	0	-0.6	0	0	0	0	0	0	0	0
9/23/2023 14:09	56802 BENV_T2	1	2	1	0.9	0.6	-0.3	0	0	0	0	0	0	0	0
9/23/2023 14:10	56802 BENV_T2	1	2	1	0.9	0.6	-0.3	0	0	0	0	0	0	0	0
9/23/2023 14:12	56802 BENV_T2	1	2	1	0.9	0.6	-0.3	0	0	0	0	0	0	0	0
9/23/2023 14:15	45003 LIME_2	1	1	0	4.8	5	0.2	0	0	0	0	0	0	0	0
9/23/2023 14:17	58402 MORO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9/23/2023 14:18	45001 LIME_2	27	41	14	0.21	0.41	0.2	0	0	0	0	0	0	0	0
9/23/2023 14:21	16302 ALPA_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9/23/2023 14:22	65001 NEFF_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9/23/2023 14:22	16302 ALPA_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9/23/2023 14:23	49803 UNIV_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9/23/2023 14:23	45901 AUBU_T1	2	22	20	0.1	0.18	0.08	0	0	0	0	0	0	0	0
9/23/2023 14:23	16302 ALPA_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9/23/2023 14:23	66703 STRA_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9/23/2023 14:24	67605 WARW_T1	15	16	1	0.61	0.67	0.06	0	0	0	0	0	0	0	0
9/23/2023 14:24	46001 BERW_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9/23/2023 14:24	44302 BEAV_T2	155	208	53	0.33	0.42	0.09	0	0	0	0	0	0	0	0
9/23/2023 14:24	56802 BENV_T2	1	4	3	1	0.4	-0.6	0	0	0	0	0	0	0	0
9/23/2023 14:24	45901 AUBU_T1	2	22	20	0.1	0.18	0.08	0	0	0	0	0	0	0	0
9/23/2023 14:24	56801 BENV_T1	3	3	0	0.17	0.13	-0.04	0	0	0	0	0	0	0	0
9/23/2023 14:25	45901 AUBU_T1	2	22	20	0.1	0.18	0.08	0	0	0	0	0	0	0	0
9/23/2023 14:25	58003 WCAR_T1	1	6	5	1.9	0.42	-1.48	0	0	0	0	0	0	0	0
9/23/2023 14:25	46001 BERW_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9/23/2023 14:25	56802 BENV_T2	1	4	3	1	0.4	-0.6	0	0	0	0	0	0	0	0
9/23/2023 14:26	45901 AUBU_T1	2	22	20	0.1	0.18	0.08	0	0	0	0	0	0	0	0
9/23/2023 14:26	56802 BENV_T2	1	4	3	1	0.4	-0.6	0	0	0	0	0	0	0	0
9/23/2023 14:26	41801 GOCI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9/23/2023 14:28	56802 BENV_T2	1	4	3	1	0.4	-0.6	0	0	0	0	0	0	0	0
9/23/2023 14:28	45001 LIME_2	27	41	14	0.21	0.41	0.2	0	0	0	0	0	0	0	0
9/23/2023 14:29	41801 GOCI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9/23/2023 14:29	12701 MACU_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9/23/2023 14:31	12701 MACU_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9/23/2023 14:31	45003 LIME_2	1	1	0	4.7	5	0.3	0	0	0	0	0	0	0	0
9/23/2023 14:32	65001 NEFF_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9/23/2023 14:33	12701 MACU_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9/23/2023 14:33	29402 BELT_T1	234	267	33	0.77	0.99	0.22	0	0	0	0	0	0	0	0
9/23/2023 14:33	58402 MORO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9/23/2023 14:33	13105 NHAM_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9/23/2023 14:34	64801 MONE_T2	1	1	0	1	0.8	-0.2	0	0	0	0	0	0	0	0
9/23/2023 14:34	29401 BELT_T1	8	110	102	0.11	0.31	0.2	0	0	0	0	0	0	0	0
9/23/2023 14:34	65604 QVIL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9/23/2023 14:34	29402 BELT_T1	234	267	33	0.77	0.99	0.22	0	0	0	0	0	0	0	0
9/23/2023 14:34	42201 SHEN_T2	1	1	0	0.1	0.2	0.1	0	0	0	0	0	0	0	0
9/23/2023 14:34	12701 MACU_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9/23/2023 14:35	29402 BELT_T1	234	267	33	0.77	0.99	0.22	0	0	0	0	0	0	0	0
9/23/2023 14:36	67203 TEHI_T1	1	1	0	0	0	0	0	0	0	0	0	0	0	0
9/23/2023 14:36	64101 REFR_T1	3	3	0	7.2	7.2	0	0	0	0	0	0	0	0	0
9/23/2023 14:37	65603 QVIL_T2	1	96	95	8.7	5.05	-4.65	0	0	0	0	0	0	0	0
9/23/2023 14:37	16302 ALPA_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9/23/2023 14:37	67502 WEWI_T2	9	8	-1	0.13	0.16	0.03	0	0	0	0	0	0	0	0
9/23/2023 14:37	15001 BLMO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9/23/2023 14:38	16302 ALPA_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9/23/2023 14:38	56802 BENV_T2	2	4	2	0.6	0.4	-0.2	0	0	0	0	0	0	0	0
9/23/2023 14:38	67502 WEWI_T2	9	8	-1	0.13	0.16	0.03	0	0	0	0	0	0	0	0
9/23/2023 14:39	67605 WARW_T1	16	16	0	0.64	0.68	0.04	0	0	0	0	0	0	0	0
9/23/2023 14:39	45901 AUBU_T1	2	22	20	0.2	0.18	-0.02	0	0	0	0	0	0	0	0
9/23/2023 14:39	16302 ALPA_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9/23/2023 14:39	45901 AUBU_T1	2	22	20	0.2	0.18	-0.02	0	0	0	0	0	0	0	0
9/23/2023 14:39	28604 BLYT_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9/23/2023 14:39	66703 STRA_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9/23/2023 14:39	56802 BENV_T2	2	4	2	0.6	0.4	-0.2	0	0	0	0	0	0	0	0
9/23/2023 14:40	67502 WEWI_T2	9	8	-1	0.13	0.16	0.03	0	0	0	0	0	0	0	0
9/23/2023 14:40	45902 AUBU_T1	86	283	197	0.19	0.33	0.14	0	0	0	0	0	0	0	0
9/23/2023 14:40	49803 UNIV_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9/23/2023 14:40	15001 BLMO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9/23/2023 14:40	56802 BENV_T2	2	4	2	0.6	0.4	-0.2	0	0	0	0	0	0	0	0
9/23/2023 14:40	67503 WEWI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9/23/2023 14:40	56803 BENV_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9/23/2023 14:40	27502 WEIS_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9/23/2023 14:41	29402 BELT_T1	234	267	33	0.77	0.99	0.22	0	0	0	0	0	0	0	0
9/23/2023 14:41	28604 BLYT_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9/23/2023 14:41	61302 EARL_T1	0	1	1	0	0.4	0.4	0	0	0	0	0	0	0	0
9/23/2023 14:41	45902 AUBU_T1	86	283	197	0.19	0.33	0.14	0	0	0	0	0	0	0	0
9/23/2023 14:41	15001 BLMO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9/23/2023 14:41	56802 BENV_T2	2	4	2	0.6	0.4	-0.2	0	0	0	0	0	0	0	0
9/23/2023 14:42	67503 WEWI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9/23/2023 14:42	67503 WEWI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9/23/2023 14:42	56802 BENV_T2	2	4	2	0.6	0.4	-0.2	0	0	0	0	0	0	0	0
9/23/2023 14:42	41801 GOCI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9/23/2023 14:44	40101 HUNT_T2	0	0	0	0	0	0	0	-0.66	0	0	0	0	0	0
9/23/2023 14:45	12701 MACU_T1	0	1	1	0	0	0	0	0.07	0	0	0	0	0	0
9/23/2023 14:45	41801 GOCI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9/23/2023 14:45	63203 MGTN_T1	0	0	0	0	0	0	0	-0.22	0	1	1	0	600	600
9/23/2023 14:46	40101 HUNT_T2	0	0	0	0	0	0	0	-0.66	0	0	0	0	0	0
9/23/2023 14:46	12701 MACU_T1	0	1	1	0	0	0	0	0.07	0	0	0	0	0	0
9/23/2023 14:47	12701 MACU_T1	0	1	1	0	0	0	0	0.07	0	0	0	0	0	0
9/23/2023 14:48	12701 MACU_T1	0	1	1	0	0	0	0	0.07	0	0	0	0	0	0
9/23/2023 14:48	13503 MCMI_T2	0	0	0	0	0	0	0	-0.01	0	0	0	0	0	0
9/23/2023 14:48	58402 MORO_T1	0	0	0	0	0	0	0	-0.56	0	1	1	0	600	600
9/23/2023 14:48	42201 SHEN_T2	1	1	0	0.2	0.1	-0.1	0	0.42	0	0	0	0	0	0
9/23/2023 14:49	42902 MIDD_T2	171	196	25	0.45	0.44	-0.01	0	-0.66	0	0	0	0	0	0
9/23/2023 14:49	29402 BELT_T1	267	245	-22	0.98	0.87	-0.11	0	0	0	0	0	0	0	0
9/23/2023 14:49	29402 BELT_T1	267	245	-22	0.98	0.87	-0.11	0	0	0	0	0	0	0	0
9/23/2023 14:49	13105 NHAM_T2	0	0	0	0	0	0	0	-0.22	0	1	1	0	1200	1200
9/23/2023 14:50	29402 BELT_T1	267	245	-22	0.98	0.87	-0.11	0	0	0	0	0	0	0	0
9/23/2023 14:50	64801 MONE_T2	1	1	0	0.6	0.8	0.2	0	0.22	0	0	0	0	0	0
9/23/2023 14:51	44601 SALE_T2	0	0	0	0	0	0	0	-0.38	0	0	0	0	0	0
9/23/2023 14:51	42002 MNVL_T2	1	1	0	2.6	2.6	0	0	0	0	0	0	0	0	0
9/23/2023 14:51	15603 NSTR_T2	22	0	-22	0.16	0	-0.16	0	-0.53	0	0	0	0	0	0
9/23/2023 14:52	29402 BELT_T1	267	245	-22	0.98	0.87	-0.11	0	0	0	0	0	0	0	0
9/23/2023 14:54	15001 BLMO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9/23/2023 14:54	16301 ALPA_T1	1	1	0	0.4	0.3	-0.1	0	-0.62	0	0	0	0	0	0
9/23/2023 14:55	24101 EHAZ_T1	0	0	0	0	0	0	0	0.36	0	1	1	0	600	600
9/23/2023 14:55	16301 ALPA_T1	1	1	0	0.4	0.3	-0.1	0	-0.31	0	0	0	0	0	0
9/23/2023 14:55	15001 BLMO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9/23/2023 14:56	44302 BEAV_T2	201	210	9	0.42	0.43	0.01	0	0.3	0	0	0	0	0	0
9/23/2023 14:57	15001 BLMO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9/23/2023 14:59	63804 HEMP_T1	1	5	4	5.3	1.12	-4.18	0	0	0	0	0	0	0	0
9/23/2023 15:00	13503 MCMI_T2	0	0	0	0	0	0	-0.01	-0.01	0	0	0	0	0	0
9/23/2023 15:05	64101 REFR_T1	3	3	0	7.03	7.03	0	-0.3	-0.3	0	0	0	0	0	0
9/23/2023 15:06	64101 REFR_T1	3	3	0	7.03	7.03	0	-0.1	-0.1	0	0	0	0	0	0
9/23/2023 15:07	45402 WBLO_T2	0	1	1	0	0.9	0.9	-0.79	-0.83	0	0	0	0	0	0
9/23/2023 15:07	64101 REFR_T1	3	3	0	7.03	7.03	0	-0.2	-0.2	0	0	0	0	0	0
9/23/2023 15:07	58001 WCAR_T1	4	5	1	1.6	1.73	0.13	0	0	0	0	0	0	0	0
9/23/2023 15:07	60803 BUCK_T1	0	1	1	0	0.1	0.1	0	0	0	0	0	0	0	0
9/23/2023 15:11	20601 GRWO_T2	0	0	0	0	0	0	0.82	0.86	0	0	0	0	0	0
9/23/2023 15:11	16302 ALPA_T2	0	0	0	0	0	0	0.51	0.56	0	0	0	0	0	0
9/23/2023 15:16	45003 LIME_2	1	1	0	4.8	5.1	0.3	0	0	1	1	0	1200	1200	0
9/23/2023 15:17	45003 LIME_2	1	1	0	4.8	5.1	0.3	0	0	1	1	0	1200	1200	0
9/23/2023 15:18	63404 HONY_T1	177	180	3	0.66	0.57	-0.09	0	0	0	0	0	0	0	0
9/23/2023 15:20	61404 SLIT_T1	0	0	0	0	0	-1.17	-1.2	0	0	0	0	0	0	0
9/23/2023 15:22	49804 UNIV_T1	0	1	1	0	0.1	0.1	0	0	0	0	0	0	0	0
9/23/2023 15:26	56802 BENV_T2	2	3	1	0.55	0.5	-0.05	-2.88	-2.94	0	0	0	0	0	0
9/23/2023 15:29	45003 LIME_2	1	1	0	4.8	5.1	0.3	0	0	1	1	0	1200	1200	0
9/23/2023 15:29	40101 HUNT_T2	0	0	0	0	0	0	-0.64	-0.64	0	0	0	0	0	0
9/23/2023 15:30	45802 HEGI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9/23/2023 15:33	45003 LIME_2	1	1	0	5.1	4.9	-0.2	0	0	1	1	0	1200	1200	0
9/23/2023 15:37	56801 BENV_T1	12	5	-7	0.29	0.24	-0.05	-0.83	-0.85	1	1	0	600	600	0
9/23/2023 15:39	56801 BENV_T1	12	5	-7	0.29	0.24	-0.05	0	0	0	0	0	0	0	0
9/23/2023 15:39	15001 BLMO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9/23/2023 15:41	15001 BLMO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9/23/2023 15:44	40101 HUNT_T2	0	0	0	0	0	0	-0.64	-0.67	0	0	0	0	0	0
9/23/2023 15:48	59402 RFLD_T2	67	67	0	0.27	0.37	0.1	-1.27	-1.28	1	1	0	450	450	0
9/23/2023 15:48	52403 GRPA_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9/23/2023 15:49	59402 RFLD_T2	67	67	0	0.27	0.37	0.1	-1.27	-1.28	1	1	0	450	450	0
9/23/2023 15:50	54001 SDLE_T1	1	1	0	1.2	1.2	0	0	0	1	1	0	600	600	0
9/23/2023 15:51	54001 SDLE_T1	1	1	0	1.2	1.2	0	0	0	2	2	0	1200	1200	0
9/23/2023 15:56	11104 EGYP_T1	0	0	0	0	0	0	0.56	0.55	0	0	0	0	0	0
9/23/2023 16:00	11104 EGYP_T1	0	0	0	0	0	0	0.55	0.54	0	0	0	0	0	0
9/23/2023 16:00	45003 LIME_2	1	1	0	4.8	4.7	-0.1	0	0	1	1	0	1200	1200	0
9/23/2023 16:09	49803 UNIV_T1	0	0	0	0	0	0	-1.07	-1.11	0	0	0	0	0	0
9/23/2023 16:09	56801 BENV_T1	1	8	7	0.4	0.2	-0.2	-2.4	-2.49	3	3	0	1800	1800	0
9/23/2023 16:10	56801 BENV_T1	1	8	7	0.4	0.2	-0.2	-1.6	-1.66	2	2	0	1200	1200	0
9/23/2023 16:10	56801 BENV_T1	1	8	7	0.4	0.2	-0.2	-1.6	-1.66	2	2	0	1200	1200	0
9/23/2023 16:12	56801 BENV_T1	1	8	7	0.4	0.2	-0.2	-0.8	-0.83	1	1	0	600	600	0
9/23/2023 16:13	56801 BENV_T1	1	8	7	0.4	0.2	-0.2	-0.8	-0.83	1	1	0	600	600	0
9/23/2023 16:29	45802 HEGI_T2	0	0	0	0	0	0	0.33	0.34	0	0	0	0	0	0
9/23/2023 16:31	40101 HUNT_T2	0	0	0	0	0	0	-0.65	-0.64	0	0	0	0	0	0
9/23/2023 16:47	40101 HUNT_T2	0	0	0	0	0	0	-0.64	-0.64	0	0	0	0	0	0
9/23/2023 16:51	49803 UNIV_T1	0	0	0	0	0	0	-1.09	-1.08	0	0	0	0	0	0
9/23/2023 17:51	28604 BLYT_T2	0	0	0	0	0	0	-1.34	-1.34	0	0	0	0	0	0
9/23/2023 19:29	54701 NEBL_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9/23/2023 19:29	56802 BENV_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9/23/2023 19:46	47101 MARL_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9/23/2023 19:50	56802 BENV_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9/23/2023 19:50	46302 ROHR_T1	4	4	0	1.05	1.3	0.25	0	0	0	0	0	0	0	0
9/23/2023 19:50	42601 TUSC_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9/23/2023 19:53	61303 EARL_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9/23/2023 19:54	52403 GRPA_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9/23/2023 19:55	60803 BUCK_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9/23/2023 19:58	63401 HONY_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9/23/2023 19:58	45802 HEGI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9/23/2023 20:02	45402 WBLO_T2	0	1	1	0	0.4	0.4	0	0	0	0	0	0	0	0
9/23/2023 20:02	56802 BENV_T2	8	72	64	0.21	0.17	-0.04	-1.48	-1.46	0	0	0	0	0	0
9/23/2023 20:09	63404 HONY_T1	57	26	-31	0.54	0.77	0.23	0	0	0	0	0	0	0	0
9/23/2023 20:16	61303 EARL_T1	0	0	0	0	0	0	0.01	0.05	0	0	0	0	0	0
9/23/2023 20:20	16301 ALPA_T1	1	1	0	0.3	0.4	0.1	-0.37	-0.39	0	0	0	0	0	0
9/23/2023 20:21	64101 REFR_T1	3	3	0	7.23	7.27	0.04	-0.13	-0.12	0	0	0	0	0	0
9/23/2023 20:23	16402 MOPO_T1	0	0	0	0	0	0	0.55	0.56	0	0	0	0	0	0
9/23/2023 20:25	10801 CHHI_T1	0	0	0	1	0	0	-0.92	-0.95	1	1	0	900	900	0
9/23/2023 20:26	12701 MACU_T1	1	1	0	1.2	0.9	-0.3	0.06	0.05	0	0	0	0	0	0
9/23/2023 20:26	64101 REFR_T1	3	3	0	7.23	7.27	0.04	-0.13	-0.12	0	0	0	0	0	0
9/23/2023 20:26	41801 GOCI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9/23/2023 20:30	29402 BELT_T1	276	296	20	0.98	1.05	0.07	0	0

9/23/2023 20:47	15001 BLMO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
9/23/2023 20:47	41901 REED_T1	11	11	0	0.68	0.79	0.11	-2.15	-2.15	1	1	0	900	900	0
9/23/2023 20:48	46001 BERW_T1	0	0	0	0	0	0	0.48	0.44	0	0	0	0	0	0
9/23/2023 20:48	60801 BUCK_T1	0	7	7	0	0.11	0.11	-0.17	-0.19	0	0	0	0	0	0
9/23/2023 20:48	20403 ASHF_T2	0	0	0	0	0	0	0.12	0.13	0	0	0	0	0	0
9/23/2023 20:48	56501 ROCK_T2	1	5	4	0.1	0.22	0.12	-0.46	-0.47	0	0	0	0	0	0
9/23/2023 20:49	15001 BLMO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9/23/2023 20:49	47101 MARL_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9/23/2023 20:50	23401 HONE_T2	1	1	0	0.8	0.7	-0.1	-0.08	-0.07	0	0	0	0	0	0
9/23/2023 20:50	26603 BROO_T1	0	0	0	0	0	0	0.24	0.24	0	0	0	0	0	0
9/23/2023 20:51	64301 LINC_T1	0	0	0	0	0	0	0.22	0.14	0	0	0	0	0	0
9/23/2023 20:51	15001 BLMO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9/23/2023 20:51	13105 NHAM_T2	0	0	0	0	0	0	-0.26	-0.25	1	1	0	1200	1200	0
9/23/2023 20:51	56802 BENV_T2	40	172	132	0.15	0.24	0.09	-3.04	-3.04	0	0	0	0	0	0
9/23/2023 20:52	65603 OVIL_T2	1	1	0	9.7	9.2	-0.5	0	0	0	0	0	0	0	0
9/23/2023 20:52	67603 WARW_T1	0	1	1	0	0	0	0	0	0	0	0	0	0	0
9/23/2023 20:52	45601 WOOL_T1	0	3	3	0	0.1	0.1	0	0	0	0	0	0	0	0
9/23/2023 20:52	56801 BENV_T1	21	26	5	0.5	0.63	0.13	-0.85	-0.83	1	1	0	600	600	0
9/23/2023 20:52	67502 WEWI_T2	158	452	294	0.22	0.35	0.13	-1.52	-1.52	1	0	-1	900	0	-900
9/23/2023 20:53	67203 TEHI_T1	1	1	0	0	0	0	0.91	0.91	1	1	0	900	900	0
9/23/2023 20:53	66504 SMAN_T2	0	0	0	0	0	0	-0.64	-0.67	0	0	0	0	0	0
9/23/2023 20:54	11104 EGYP_T1	0	0	0	0	0	0	0.44	0.42	0	0	0	0	0	0
9/23/2023 20:54	67502 WEWI_T2	158	452	294	0.22	0.35	0.13	0	0	0	0	0	0	0	0
9/23/2023 20:54	43402 BENT_T1	0	0	0	0	0	0	-0.95	-0.97	1	1	0	900	900	0
9/23/2023 20:54	43202 MVIL_T2	0	37	37	0	0.17	0.17	-0.71	-0.73	0	0	0	0	0	0
9/23/2023 20:54	45402 WBLO_T2	1	1	0	0.8	1.1	0.3	-0.86	-0.85	0	0	0	0	0	0
9/23/2023 20:57	45602 WOOL_T1	45	109	64	0.3	0.25	-0.05	0.43	0.42	0	0	0	0	0	0
9/23/2023 20:57	40103 HUNT_T2	0	0	0	0	0	0	-0.73	-0.74	0	0	0	0	0	0
9/23/2023 20:58	49803 UNIV_T1	8	20	-8	0.1	0	-0.1	-1.12	0.18	0	0	0	0	0	0
9/23/2023 21:00	17804 GILB_T2	0	0	0	0	0	0	-0.57	-0.56	0	0	0	0	0	0
9/23/2023 21:00	41801 GOCI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9/23/2023 21:00	64305 LINC_T1	0	0	0	0	0	0	-0.67	-0.69	0	0	0	0	0	0
9/23/2023 21:05	61304 EARL_T1	10	15	5	0.14	0.17	0.03	-1.02	-1.03	1	1	0	600	600	0
9/23/2023 21:17	43401 BENT_T1	1	4	3	0.7	0	-0.7	0	0	0	0	0	0	0	0
9/23/2023 21:29	43402 BENT_T1	0	0	0	0	0	0	-0.97	-0.97	1	1	0	900	900	0
9/23/2023 22:17	43401 BENT_T1	0	1	1	0	0	0	0	0	0	0	0	0	0	0
9/23/2023 22:29	43401 BENT_T1	0	1	1	0	0	0	0	0	0	0	0	0	0	0
9/23/2023 23:17	43401 BENT_T1	0	2	2	0	0	0	0	0	0	0	0	0	0	0
9/23/2023 23:29	43402 BENT_T1	0	0	0	0	0	0	-0.97	-0.98	1	1	0	900	900	0
9/24/2023 0:17	43401 BENT_T1	8	2	-6	0.66	0.5	-0.16	0	0	0	0	0	0	0	0
9/24/2023 0:28	28602 BLYT_T2	1	1	0	0.3	0.7	0.4	0	0	0	0	0	0	0	0
9/24/2023 0:28	24105 EHAZ_T1	4	4	0	6.25	6.15	-0.1	0	0	0	0	0	0	0	0
9/24/2023 0:28	64101 REFR_T1	3	3	0	9.07	9.23	0.16	-0.01	-0.01	0	0	0	0	0	0
9/24/2023 0:28	61303 EARL_T1	0	0	0	0	0	0	-0.15	-0.13	0	0	0	0	0	0
9/24/2023 0:28	28403 HART_T2	0	0	0	0	0	0	-1.44	-1.42	2	2	0	1800	1800	0
9/24/2023 0:28	48302 ORWI_T2	2	2	0	0.9	0.6	-0.3	-0.16	-0.2	0	0	0	0	0	0
9/24/2023 0:28	59001 MIFF_T1	6	24	18	0.1	0.25	0.15	0	0	0	0	0	0	0	0
9/24/2023 0:28	45902 AUBU_T1	129	39	-90	0.28	0.18	-0.1	-0.73	-0.78	0	0	0	0	0	0
9/24/2023 0:28	46803 HEPB_T2	0	0	0	0	0	0	0.44	0.42	0	0	0	0	0	0
9/24/2023 0:28	11104 EGYP_T1	0	0	0	0	0	0	0.32	0.32	0	0	0	0	0	0
9/24/2023 0:28	15601 NSTR_T2	3	3	0	0.87	1.03	0.16	0	0	0	0	0	0	0	0
9/24/2023 0:28	46001 BERW_T1	0	0	0	0	0	0	0.74	0.72	0	0	0	0	0	0
9/24/2023 0:28	65001 NEFF_T2	109	220	111	0.13	0.18	0.05	-1.42	-1.41	1	1	0	1200	1200	0
9/24/2023 0:28	43202 MVIL_T2	40	73	33	0.19	0.33	0.14	-0.76	-0.75	0	0	0	0	0	0
9/24/2023 0:28	49804 UNIV_T1	2	2	0	0.35	0.4	0.05	0	0	0	0	0	0	0	0
9/24/2023 0:28	44601 SALE_T2	0	0	0	0	0	0	-0.2	-0.21	0	0	0	0	0	0
9/24/2023 0:28	61404 SLIT_T1	0	0	0	0	0	0	-1.26	-1.27	0	0	0	0	0	0
9/24/2023 0:28	46203 DANV_T2	0	0	0	0	0	0	-0.14	-0.22	0	0	0	0	0	0
9/24/2023 0:28	45602 WOOL_T1	1	1	0	0.1	0.2	0.1	0.34	0.32	0	0	0	0	0	0
9/24/2023 0:28	45003 LIME_2	1	1	0	4.2	4.4	0.2	0	0	0	0	0	0	0	0
9/24/2023 0:28	45901 AUBU_T1	1	0	-1	0.2	0	-0.2	1.85	1.8	0	0	0	0	0	0
9/24/2023 0:28	54001 SOLE_T1	1	1	0	0.6	0.8	0.2	0	0	2	2	0	1200	1200	0
9/24/2023 0:28	43304 WATS_T2	0	0	0	0	0	0	-0.75	-0.77	0	0	0	0	0	0
9/24/2023 0:28	56802 BENV_T2	1	1	0	0.9	1	0.1	-10.57	-10.64	0	0	0	0	0	0
9/24/2023 0:28	66505 SMAN_T2	3	3	0	0.7	0.8	0.1	-0.71	-0.64	2	2	0	1800	1800	0
9/24/2023 0:28	67503 WEWI_T2	0	0	0	0	0	0	-1.06	-1.12	0	0	0	0	0	0
9/24/2023 0:28	16402 MOPO_T1	0	0	0	0	0	0	0.47	0.47	0	0	0	0	0	0
9/24/2023 0:28	42001 MNVL_T2	0	0	0	0	0	0	-0.05	-0.06	0	0	0	0	0	0
9/24/2023 0:28	58402 MORO_T1	0	0	0	0	0	0	-0.58	-0.59	1	1	0	600	600	0
9/24/2023 0:28	45802 HEGI_T2	0	0	0	0	0	0	0.22	0.14	0	0	0	0	0	0
9/24/2023 0:28	14403 SSLA_T1	0	0	0	0	0	0	1.06	1.16	0	0	0	0	0	0
9/24/2023 0:28	56801 BENV_T1	27	29	2	0.8	0.88	0.08	-4.75	-4.8	5	5	0	3000	3000	0
9/24/2023 0:28	15001 BLMO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9/24/2023 0:28	51604 DUKE_T2	0	0	0	0	0	0	-3.45	-3.5	2	2	0	1800	1800	0
9/24/2023 0:28	56803 BENV_T1	0	0	0	0	0	0	0.18	0.2	0	0	0	0	0	0
9/24/2023 0:28	66703 STRA_T1	1	2	1	0.1	0.25	0.15	-0.44	-0.5	0	0	0	0	0	0
9/24/2023 0:28	61801 EELI_T2	2	2	0	0.75	1	0.25	-1.01	-1.01	1	1	0	600	600	0
9/24/2023 0:28	12701 MACU_T1	1	1	0	2	0	-2	0	0	0	0	0	0	0	0
9/24/2023 0:28	26603 BROO_T1	0	0	0	0	0	0	0.55	0.51	0	0	0	0	0	0
9/24/2023 0:28	40101 HUNT_T2	0	0	0	0	0	0	-0.84	-0.85	0	0	0	0	0	0
9/24/2023 0:28	59101 WALK_T2	1	1	0	0	0	0	2.79	2.7	0	0	0	0	0	0
9/24/2023 0:28	61303 EARL_T1	0	0	0	0	0	0	-0.15	-0.13	0	0	0	0	0	0
9/24/2023 0:28	42201 SHEN_T2	2	1	-1	0.25	0.1	-0.15	0.56	0.54	0	0	0	0	0	0
9/24/2023 0:28	46801 HEPB_T2	2	2	0	0.75	0.75	0	0.48	0.48	0	0	0	0	0	0
9/24/2023 0:28	60803 BUCK_T1	0	1	1	0	0.1	0.1	-2.24	-2.22	2	2	0	1200	1200	0
9/24/2023 0:28	64801 MONE_T2	0	0	0	0	0	0	0.28	0.27	0	0	0	0	0	0
9/24/2023 0:28	20403 ASHF_T2	0	0	0	0	0	0	-0.01	-0.05	0	0	0	0	0	0
9/24/2023 0:28	67502 WEWI_T2	0	0	1	0	0	0	-1.64	-1.68	1	1	0	900	900	0
9/24/2023 0:28	44901 SCOT_T2	0	0	0	0	0	0	-0.47	-0.3	0	0	0	0	0	0
9/24/2023 0:28	52403 GRPA_T2	0	0	0	0	0	0	-0.07	-0.08	0	0	0	0	0	0
9/24/2023 0:28	59402 RFLD_T2	81	139	58	0.3	0.35	0.05	-1.97	-1.97	3	3	0	1350	1350	0
9/24/2023 0:28	17805 GILB_T2	0	0	0	0	0	0	0	0.02	0	0	0	0	0	0
9/24/2023 0:28	29401 BELT_T1	0	0	0	0	0	0	0	0	2	2	0	1800	1800	0
9/24/2023 0:29	43402 BENT_T1	0	0	0	0	0	0	-0.98	-0.97	1	1	0	900	900	0
9/24/2023 0:35	67502 WEWI_T2	0	0	0	0	0	0	-1.68	-1.66	1	1	0	900	900	0
9/24/2023 0:50	15001 BLMO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9/24/2023 0:53	13503 MCMI_T2	0	0	0	0	0	0	-0.01	-0.01	0	0	0	0	0	0
9/24/2023 1:17	43402 BENT_T1	0	0	0	0	0	0	-0.99	-0.98	1	1	0	900	900	0
9/24/2023 1:29	43402 BENT_T1	0	0	0	0	0	0	-0.99	-0.98	1	1	0	900	900	0
9/24/2023 2:17	43402 BENT_T1	0	0	0	0	0	0	-0.97	-0.98	1	1	0	900	900	0
9/24/2023 2:29	43402 BENT_T1	0	0	0	0	0	0	-0.97	-0.98	1	1	0	900	900	0
9/24/2023 2:37	43402 BENT_T1	0	0	0	0	0	0	-0.98	-0.99	1	1	0	900	900	0
9/24/2023 7:02	54701 NEBL_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9/24/2023 7:50	58001 WCAR_T1	4	4	0	1.98	1.98	0	0	0	0	0	0	0	0	0
9/24/2023 7:56	43402 BENT_T1	0	0	0	0	0	0	-0.97	-0.97	1	1	0	900	900	0
9/24/2023 8:06	59402 RFLD_T2	56	54	-2	0.39	0.27	-0.12	-1.3	-1.29	1	1	0	450	450	0
9/24/2023 8:10	43402 BENT_T1	0	0	0	0	0	0	-0.97	-0.97	1	1	0	900	900	0
9/24/2023 8:10	44302 BEAV_T2	508	470	-38	0.69	0.66	-0.03	0.46	0.5	0	0	0	0	0	0
9/24/2023 8:11	44301 BEAV_T2	14	12	-2	0.62	0.63	0.01	0	0	0	0	0	0	0	0
9/24/2023 8:13	46801 HEPB_T2	2	2	0	0.45	0.65	0.2	0.58	0.52	0	0	0	0	0	0
9/24/2023 8:16	46801 HEPB_T2	2	2	0	0.5	0.65	0.15	0.52	0.55	0	0	0	0	0	0
9/24/2023 8:18	44301 BEAV_T2	10	12	2	0.55	0.63	0.08	0	0	0	0	0	0	0	0
9/24/2023 8:19	59101 WALK_T2	1	1	0	0	0	0	1.15	0.98	0	0	0	0	0	0
9/24/2023 8:22	65902 SAKR_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9/24/2023 8:24	44302 BEAV_T2	424	475	51	0.56	0.65	0.09	0.25	0.23	0	0	0	0	0	0
9/24/2023 8:29	43402 BENT_T1	0	0	0	0	0	0	-0.97	-0.97	1	1	0	900	900	0
9/24/2023 8:42	56802 BENV_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9/24/2023 8:45	47101 MARL_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9/24/2023 8:58	40101 HUNT_T2	0	0	0	0	0	0	-0.78	-0.67	0	0	0	0	0	0
9/24/2023 9:10	43401 BENT_T1	0	6	6	0	1.1	1.1	0	0	0	0	0	0	0	0
9/24/2023 9:23	49804 UNIV_T1	0	1	1	0	0	0	0	0	0	0	0	0	0	0
9/24/2023 9:24	26603 BROO_T1	0	0	0	0	0	0	0.08	0.1	0	0	0	0	0	0
9/24/2023 9:25	26603 BROO_T1	0	0	0	0	0	0	0.08	0.1	0	0	0	0	0	0
9/24/2023 9:26	23401 HONE_T2	0	1	1	0	0.2	0.2	0	-0.01	0	0	0	0	0	0
9/24/2023 9:29	43402 BENT_T1	0	0	0	0	0	0	-0.95	-0.96	1	1	0	900	900	0
9/24/2023 9:31	43202 MVIL_T2	0	0	0	0	0	0	-0.7	-0.72	0	0	0	0	0	0
9/24/2023 9:33	43202 MVIL_T2	0	0	0	0	0	0	-0.7	-0.72	0	0	0	0	0	0
9/24/2023 9:33	13503 MCMI_T2	0	0	0	0	0	0	-0.01	-0.01	0	0	0	0	0	0
9/24/2023 9:34	59202 THOM_T1	30	30	0	0.23	0.2	-0.03	0	0	0	0	0	0	0	0
9/24/2023 9:34	42201 SHEN_T2	1	2	1	0.4	0.35	-0.05	0.34	0.34	0	0	0	0	0	0
9/24/2023 9:36	48302 ORWI_T2	2	2	0	0.5	0.55	0.05	-0.09	-0.07	0	0	0	0	0	0
9/24/2023 9:37	42001 MNVL_T2	0	0	0	0	0	0	0.02	0.05	0	0	0	0	0	0
9/24/2023 9:38	56802 BENV_T2	1	1	0	0.8	0.8	0	-1.52	-1.51	0	0	0	0	0	0
9/24/2023 9:39	56802 BENV_T2	1	1	0	0.8	0.8	0	-1.52	-1.51	0	0	0	0	0	0
9/24/2023 9:40	56802 BENV_T2	1	1	0	0.8	0.8	0	-3.04	-3.02	0	0	0	0	0	0
9/24/2023 9:41	45902 AUBU_T1	0	0	0	0	0	0	-0.51	-0.34	0	0	0	0	0	0
9/24/2023 9:42	10801 CHHI_T1	0	0	0	0	0	0	-0.82	-0.9	1	1	0	900	900	0
9/24/2023 9:43	29401 BELT_T1	0	26	26	0	0.15	0.15	0	0	0	0	0	0	0	0
9/24/2023 9:45	47101 MARL_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9/24/2023 9:46	47101 MARL_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9/24/2023 9:49	41901 REED_T1	7	11	4	0.27	0.38	0.11	-2.09	-2.13	1	1	0	900	900	0
9/24/2023 9:49	66504 SMAN_T2	0	0	0	0	0	0	-1.73	-1.79	1	1	0	1200	1200	0
9/24/2023 9:49	59402 RFLD_T2	14	15	1	0.31	0.26	-0.05	-1.27	-1.27	1	1	0	450	450	0
9/24/2023 9:49	47101 MARL_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9/24/2023 9:50	43301 WATS_T2	1	1	0	0.1	0.9	0.8	0	0	0	0	0	0	0	0
9/24/2023 9:50	59402 RFLD_T2	14	15	1	0.31	0.26	-0.05	-1.27	-1.27	1	1	0	450	450	0
9/24/2023 9:53	43304 WATS_T2	0	0	0	0	0	0	-0.93	-0.58	0	0	0	0	0	0
9/24/2023 9:53	60801 BUCK_T1	0	0	0	0	0	0	-0.19	-0.16	0	0	0	0	0	0
9/24/2023 9:54	29401 BELT_T1	0	26	26	0	0.15	0.15	0	0	0	0	0	0	0	0
9/24/2023 9:54	49803 UNIV_T1	0	0	0	0	0	0	-1.06	-1.05	0	0	0	0	0	0
9/24/2023 9:55	43302 WATS_T2	0	1	1	0	0.1	0.1	0	0	0	0	0	0	0	0
9/24/2023 9:57	41801 GOCI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9/24/2023 9:58	29401 BELT_T1	0	26	26	0	0.15	0.15	0	0	0	0	0	0	0	0
9/24/2023 9:58	12701 MACU_T1	1	1	0	1.5	1.8	0.3	0.06	0.06	0	0	0	0	0	0
9/24/2023 9:59	41801 GOCI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9/24/2023 10:00	59402 RFLD_T2	15	6	-9	0.26	0.28	0.02	-3.81	-3.78	3	3	0	1350	1350	0
9/24/2023 10:00	54701 NEBL_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9/24/2023 10:00	40103 HUNT_T2	0	0	0	0	0	0	-0.75	-0.69	0	0	0	0	0	0
9/24/2023 10:00	42203 SHEN_T2	0	1	1	0	0	0	0	0	0	0	0	0	0	0
9/24/2023 10:00	66504 SMAN_T2	0	0	0	0	0	0	-1.79	-1.72	1	1	0	1200	1200	0
9/24/2023 10:00	49803 UNIV_T1	0	0	0	0	0	0	-1.05	-1.1	0	0	0	0	0	0
9/24/2023 10:00	12701 MACU_T1	1	1	0	1.9	1.8	-0.1	0.06	0.06	0	0	0	0	0	0
9/24/2023 10:00	56802 BENV_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9/24/2023 10:00	52403 GRPA_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9/24/2023 10:00	43401 BENT_T1	0	8	8	0	0	0	0	0	0	0	0	0	0	0
9/24/2023 10:00	42001 MNVL_T2	0	0	0	0	0	0	0.07	0.06	0	0	0	0	0	0
9/24/2023 10:00	67605 WARW_T1	247	15	-232	5.16	0.53	-4.63	0	0	0	0	0	0	0	0
9/24/2023 10:00	52503 PROG_T2	0	0	0	0	0	0	-0.74	-0.71	1	1	0	900	900	0
9/24/2023 10:00	64801 MONE_T2	1	1	0	0.9	1	0.1	0.21	0.21	0	0	0	0	0	0
9/24/2023 10:00	12604 MACA_T1	0	0	0	0	0	0	0.3	0.28	0	0	0	0	0	0
9/24/2023 10:00	20401 ASHF_T2	0	0	0	0	0	0	-0.32	-0.27	1	1	0	600	600	0
9/24/2023 10:00	56601 HAMP_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9/24/2023 10:00	47101 MARL_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9/24/2023 10:00	45902 AUBU_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9/24/2023 10:00	64301 LINC_T1	0	0	0	0	0	0	-0.39	-0.35	1	1	0	600	600	0
9/24/2023 10:00	41901 REED_T1	11	7	-4	0.38	0.29	-0.09	-2.13	-2.12	1	1	0	900	900	0
9/24/2023 10:04	13704 SCHN_T2	0	0	0	0	0	0	-0.3	-0.3	0	0	0	0	0	0
9/24/2023 10:05	13704 SCHN_T2	0	0	0	0	0	0	-0.3	-0.3	0	0	0	0	0	0
9/24/2023 10:05	46302 ROHR_T1	4	4	0	1.3	1.4	0.1	0	0	0	0	0	0	0	0
9/24/2023 10:06	15001 BLMO_T1	0	0	0

9/24/2023 10:20	43304 WATS_T2	0	0	0	0	0	0	-0.57	-0.55	0	0	0	0	0	0
9/24/2023 10:20	64101 REFR_T1	3	3	0	7.4	7.27	-0.13	-0.14	-0.16	0	0	0	0	0	0
9/24/2023 10:20	67502 WEWI_T2	0	0	0	0	0	0	-1.51	-1.5	1	1	0	900	900	0
9/24/2023 10:20	43202 MVIL_T2	1	1	0	0.2	0.1	-0.1	-0.71	-0.69	0	0	0	0	0	0
9/24/2023 10:20	59101 WALK_T2	2	1	-1	0.2	0	-0.2	1.43	1.35	0	0	0	0	0	0
9/24/2023 10:21	48302 ORWI_T2	2	2	0	0.35	0.35	0	-0.06	-0.07	0	0	0	0	0	0
9/24/2023 10:21	43304 WATS_T2	0	0	0	0	0	0	-0.57	-0.55	0	0	0	0	0	0
9/24/2023 10:21	59101 WALK_T2	2	1	-1	0.2	0	-0.2	1.43	1.35	0	0	0	0	0	0
9/24/2023 10:21	59202 THOM_T1	13	13	0	0.11	0.11	0	0	0	0	0	0	0	0	0
9/24/2023 10:22	58001 WCAR_T1	4	4	0	1.38	1.25	-0.13	0	0	0	0	0	0	0	0
9/24/2023 10:22	45003 LIME_2	1	1	0	3.9	3.8	-0.1	0	0	0	0	0	0	0	0
9/24/2023 10:22	43301 WATS_T2	1	1	0	0.9	0.6	-0.3	0	0	0	0	0	0	0	0
9/24/2023 10:23	67503 WEWI_T2	0	0	0	0	0	0	-0.27	-0.28	0	0	0	0	0	0
9/24/2023 10:23	15001 BLMO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9/24/2023 10:23	59101 WALK_T2	2	1	-1	0.2	0	-0.2	1.43	1.35	0	0	0	0	0	0
9/24/2023 10:23	67502 WEWI_T2	0	0	0	0	0	0	-3.02	-3	2	2	0	1800	1800	0
9/24/2023 10:23	66505 SMAN_T2	0	0	0	0	0	0	0.56	0.48	2	2	0	1100	1100	0
9/24/2023 10:23	43402 BENT_T1	0	0	0	0	0	0	-0.93	-0.95	1	1	0	900	900	0
9/24/2023 10:25	15001 BLMO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9/24/2023 10:26	59101 WALK_T2	2	1	-1	0.2	0	-0.2	1.43	1.35	0	0	0	0	0	0
9/24/2023 10:26	28601 BLYT_T2	0	1	1	0	0	0	0	0	0	0	0	0	0	0
9/24/2023 10:26	41801 GOCI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9/24/2023 10:26	61801 EEU_T2	2	2	0	0.5	0.9	0.4	-0.99	-0.98	1	1	0	600	600	0
9/24/2023 10:28	41801 GOCI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9/24/2023 10:28	52402 GRPA_T2	1	1	0	2.3	2.6	0.3	0	0	0	0	0	0	0	0
9/24/2023 10:32	12701 MACU_T1	1	1	0	4.2	2.6	-1.6	0.07	0.07	0	0	0	0	0	0
9/24/2023 10:33	12701 MACU_T1	1	1	0	4.2	2.6	-1.6	0.07	0.07	0	0	0	0	0	0
9/24/2023 10:35	66703 STRA_T1	0	0	0	0	0	0	-0.28	-0.28	0	0	0	0	0	0
9/24/2023 10:36	67503 WEWI_T2	0	0	0	0	0	0	-0.28	-0.28	0	0	0	0	0	0
9/24/2023 10:36	43301 WATS_T2	1	1	0	0.5	0.7	0.2	0	0	0	0	0	0	0	0
9/24/2023 10:37	51107 CARL_T1	0	0	0	0	0	0	-0.86	-0.71	0	0	0	0	0	0
9/24/2023 10:38	45902 AUBU_T1	0	0	0	0	0	0	-0.33	-0.24	0	0	0	0	0	0
9/24/2023 10:38	45901 AUBU_T1	0	0	0	0	0	0	0.9	0.9	0	0	0	0	0	0
9/24/2023 10:39	15001 BLMO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9/24/2023 10:41	28604 BLYT_T2	0	0	0	0	0	0	-1.37	-1.33	0	0	0	0	0	0
9/24/2023 10:46	42903 MIDD_T2	36	45	9	0.38	0.35	-0.03	0	0	0	0	0	0	0	0
9/24/2023 10:46	13105 NHAM_T2	0	0	0	0	0	0	-0.26	-0.25	1	1	0	1200	1200	0
9/24/2023 10:47	40101 HUNT_T2	0	0	0	0	0	0	-0.64	-0.72	0	0	0	0	0	0
9/24/2023 10:48	63203 MGTN_T1	0	19	19	0	0.12	0.12	-0.87	-0.87	2	2	0	1200	1200	0
9/24/2023 10:49	45003 LIME_2	1	1	0	3.8	4	0.2	0	0	0	0	0	0	0	0
9/24/2023 10:50	44901 SCOT_T2	0	0	0	0	0	0	-0.54	-0.56	0	0	0	0	0	0
9/24/2023 10:53	20403 ASHF_T2	0	0	0	0	0	0	0.48	0.38	0	0	0	0	0	0
9/24/2023 10:54	17805 GILB_T2	0	0	0	0	0	0	0.48	0.48	0	0	0	0	0	0
9/24/2023 10:55	66505 SMAN_T2	0	0	0	0	0	0	0.3	0.42	2	2	0	1100	1100	0
9/24/2023 10:56	51604 DUKE_T2	0	0	0	0	0	0	-1.64	-1.65	1	1	0	900	900	0
9/24/2023 10:56	29402 BELT_T1	228	191	-37	0.79	0.71	-0.08	0	0	0	0	0	0	0	0
9/24/2023 10:57	51604 DUKE_T2	0	0	0	0	0	0	-1.64	-1.65	1	1	0	900	900	0
9/24/2023 10:59	29401 BELT_T1	11	1	-10	0.14	0.1	-0.04	0	0	1	1	0	900	900	0
9/24/2023 11:00	41801 GOCI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9/24/2023 11:01	28403 HART_T2	0	0	0	0	0	0	-0.63	-0.62	1	1	0	900	900	0
9/24/2023 11:02	42903 MIDD_T2	37	39	2	0.36	0.38	0.02	0	0	0	0	0	0	0	0
9/24/2023 11:06	54701 NEBL_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9/24/2023 11:07	66703 STRA_T1	0	0	0	0	0	0	-0.23	-0.25	0	0	0	0	0	0
9/24/2023 11:07	45902 AUBU_T1	0	0	0	0	0	0	-0.34	-0.23	0	0	0	0	0	0
9/24/2023 11:08	45902 AUBU_T1	0	0	0	0	0	0	-0.34	-0.23	0	0	0	0	0	0
9/24/2023 11:08	67503 WEWI_T2	0	0	0	0	0	0	-0.27	-0.28	0	0	0	0	0	0
9/24/2023 11:08	43001 ALWD_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9/24/2023 11:09	46001 BERW_T1	0	0	0	0	0	0	0.96	0.94	0	0	0	0	0	0
9/24/2023 11:09	59101 WALK_T2	1	1	0	0	0	0	1.09	1.07	0	0	0	0	0	0
9/24/2023 11:10	60803 BUCK_T1	0	0	0	0	0	0	-0.92	-0.95	1	1	0	600	600	0
9/24/2023 11:12	60803 BUCK_T1	0	0	0	0	0	0	-0.92	-0.95	1	1	0	600	600	0
9/24/2023 11:12	46203 DANV_T2	0	0	0	0	0	0	-0.06	-0.05	0	0	0	0	0	0
9/24/2023 11:18	64801 MONE_T2	0	1	1	0	0.3	0.3	0.22	0.24	0	0	0	0	0	0
9/24/2023 11:19	46302 ROHR_T1	4	4	0	1.43	1.58	0.15	0	0	0	0	0	0	0	0
9/24/2023 11:19	44601 SALE_T2	0	0	0	0	0	0	-0.34	-0.38	0	0	0	0	0	0
9/24/2023 11:22	49804 UNIV_T1	1	1	0	0.7	0	-0.7	0	0	0	0	0	0	0	0
9/24/2023 11:22	45602 WOOL_T1	0	0	0	0	0	0	0.4	0.4	0	0	0	0	0	0
9/24/2023 11:23	45602 WOOL_T1	0	0	0	0	0	0	0.8	0.8	0	0	0	0	0	0
9/24/2023 11:24	46001 BERW_T1	0	0	0	0	0	0	0.47	0.49	0	0	0	0	0	0
9/24/2023 11:25	46001 BERW_T1	0	0	0	0	0	0	0.47	0.49	0	0	0	0	0	0
9/24/2023 11:26	43401 BENT_T1	8	8	0	0.75	0	-0.75	0	0	0	0	0	0	0	0
9/24/2023 11:29	43402 BENT_T1	1	0	-1	1.9	0	-1.9	-0.95	-0.94	1	1	0	900	900	0
9/24/2023 11:30	44701 MUNC_T2	0	0	0	0	0	0	-1.53	-1.52	0	0	0	0	0	0
9/24/2023 11:32	59301 MCAL_T1	2	2	0	0.2	0.1	-0.1	0	0	0	0	0	0	0	0
9/24/2023 11:32	64101 REFR_T1	3	3	0	6.67	6.5	-0.17	-0.12	-0.08	0	0	0	0	0	0
9/24/2023 11:33	64101 REFR_T1	3	3	0	6.67	6.5	-0.17	-0.12	-0.08	0	0	0	0	0	0
9/24/2023 11:33	65001 NEFF_T2	0	0	0	0	0	0	-1.19	-1.21	1	1	0	1200	1200	0
9/24/2023 11:33	13105 NHAM_T2	1	3	2	0.2	0.93	0.73	-0.22	-0.23	1	1	0	1200	1200	0
9/24/2023 11:34	13704 SCHN_T2	0	0	0	0	0	0	-0.6	-0.62	0	0	0	0	0	0
9/24/2023 11:35	64101 REFR_T1	3	3	0	6.67	6.5	-0.17	-0.24	-0.16	0	0	0	0	0	0
9/24/2023 11:35	45003 LIME_2	1	1	0	3.7	3.3	-0.4	0	0	0	0	0	0	0	0
9/24/2023 11:36	45003 LIME_2	1	1	0	3.7	3.3	-0.4	0	0	0	0	0	0	0	0
9/24/2023 11:36	64101 REFR_T1	3	3	0	6.67	6.5	-0.17	-0.36	-0.24	0	0	0	0	0	0
9/24/2023 11:46	44703 MUNC_T2	3	3	0	0.5	0.63	0.13	0	0	0	0	0	0	0	0
9/24/2023 11:48	64101 REFR_T1	3	3	0	6.5	6.33	-0.17	-0.16	-0.18	0	0	0	0	0	0
9/24/2023 11:49	13704 SCHN_T2	0	0	0	0	0	0	-0.31	-0.3	0	0	0	0	0	0
9/24/2023 11:49	13105 NHAM_T2	3	3	0	1.07	0.35	-0.72	-0.23	-0.21	1	1	0	1200	1200	0
9/24/2023 11:49	65001 NEFF_T2	0	0	0	0	0	0	-1.21	-1.17	1	1	0	1200	1200	0
9/24/2023 11:50	64101 REFR_T1	3	3	0	6.5	6.33	-0.17	-0.16	-0.18	0	0	0	0	0	0
9/24/2023 11:50	13704 SCHN_T2	0	0	0	0	0	0	-0.31	-0.3	0	0	0	0	0	0
9/24/2023 11:50	42201 SHEN_T2	1	0	-1	0.2	0	-0.2	0.39	0.39	0	0	0	0	0	0
9/24/2023 11:51	64101 REFR_T1	3	3	0	6.5	6.33	-0.17	-0.16	-0.18	0	0	0	0	0	0
9/24/2023 11:52	45003 LIME_2	1	1	0	3.3	3.2	-0.1	0	0	0	0	0	0	0	0
9/24/2023 11:52	60803 BUCK_T1	0	0	0	0	0	0	-0.93	-0.93	1	1	0	600	600	0
9/24/2023 11:52	64101 REFR_T1	3	3	0	6.5	6.33	-0.17	-0.08	-0.09	0	0	0	0	0	0
9/24/2023 11:54	51107 CARL_T1	0	0	0	0	0	0	-0.71	-0.83	0	0	0	0	0	0
9/24/2023 11:54	60801 BUCK_T1	0	0	0	0	0	0	-0.12	-0.15	0	0	0	0	0	0
9/24/2023 11:55	29402 BELT_T1	101	145	44	0.57	0.67	0.1	0	0	0	0	0	0	0	0
9/24/2023 11:55	29402 BELT_T1	101	145	44	0.57	0.67	0.1	0	0	0	0	0	0	0	0
9/24/2023 11:56	29402 BELT_T1	101	145	44	0.57	0.67	0.1	0	0	0	0	0	0	0	0
9/24/2023 11:56	60803 BUCK_T1	0	0	0	0	0	0	-0.93	-0.93	1	1	0	600	600	0
9/24/2023 11:57	29402 BELT_T1	101	145	44	0.57	0.67	0.1	0	0	0	0	0	0	0	0
9/24/2023 11:57	29402 BELT_T1	101	145	44	0.57	0.67	0.1	0	0	0	0	0	0	0	0
9/24/2023 12:02	44703 MUNC_T2	3	3	0	0.63	0.5	-0.13	0	0	0	0	0	0	0	0
9/24/2023 12:03	64101 REFR_T1	3	3	0	5.9	6.4	0.5	-0.09	-0.09	0	0	0	0	0	0
9/24/2023 12:04	64101 REFR_T1	3	3	0	5.9	6.4	0.5	-0.09	-0.09	0	0	0	0	0	0
9/24/2023 12:05	51102 CARL_T1	0	1	1	0	0.1	0.1	0	0	0	0	0	0	0	0
9/24/2023 12:05	13105 NHAM_T2	3	2	-1	0.97	0	-0.97	-0.21	-0.18	1	1	0	1200	1200	0
9/24/2023 12:05	13704 SCHN_T2	0	0	0	0	0	0	-0.3	-0.3	0	0	0	0	0	0
9/24/2023 12:06	46302 ROHR_T1	2	4	2	2.05	1.73	-0.32	0	0	0	0	0	0	0	0
9/24/2023 12:06	64101 REFR_T1	3	3	0	5.9	6.4	0.5	-0.18	-0.18	0	0	0	0	0	0
9/24/2023 12:07	45003 LIME_2	1	1	0	3.2	3.2	0	0	0	0	0	0	0	0	0
9/24/2023 12:07	64101 REFR_T1	3	3	0	5.9	6.4	0.5	-0.18	-0.18	0	0	0	0	0	0
9/24/2023 12:08	45003 LIME_2	1	1	0	3.2	3.2	0	0	0	0	0	0	0	0	0
9/24/2023 12:11	13704 SCHN_T2	0	0	0	0	0	0	-0.3	-0.3	0	0	0	0	0	0
9/24/2023 12:22	46302 ROHR_T1	4	4	0	1.65	1.7	0.05	0	0	0	0	0	0	0	0
9/24/2023 12:22	42201 SHEN_T2	0	0	0	0	0	0	0.4	0.41	0	0	0	0	0	0
9/24/2023 12:26	43402 BENT_T1	0	0	0	0	0	0	-0.94	-0.93	1	1	0	900	900	0
9/24/2023 12:29	43401 BENT_T1	1	9	8	1.3	0.53	-0.77	0	0	0	0	0	0	0	0
9/24/2023 12:36	64101 REFR_T1	3	3	0	6.37	6.43	0.06	-0.12	-0.1	0	0	0	0	0	0
9/24/2023 12:38	29402 BELT_T1	113	158	45	0.6	0.64	0.04	0	0	0	0	0	0	0	0
9/24/2023 12:55	65902 SAKR_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9/24/2023 13:01	11104 EGYP_T1	1	1	0	0.5	0	-0.5	0.65	0.66	0	0	0	0	0	0
9/24/2023 13:01	67605 WARW_T1	10	11	1	0.27	0.43	0.16	-1.29	-1.31	0	0	0	0	0	0
9/24/2023 13:02	11103 EGYP_T1	95	1292	1197	0.59	0	-0.59	0	0	0	0	0	0	0	0
9/24/2023 13:03	64101 REFR_T1	3	3	0	6.37	6.37	0	-0.1	-0.09	0	0	0	0	0	0
9/24/2023 13:04	46302 ROHR_T1	4	4	0	1.05	1.3	0.25	0	0	0	0	0	0	0	0
9/24/2023 13:10	56802 BENV_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9/24/2023 13:12	56802 BENV_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9/24/2023 13:19	54701 NEBL_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9/24/2023 13:19	46302 ROHR_T1	4	4	0	0.75	1.45	0.7	0	0	0	0	0	0	0	0
9/24/2023 13:21	65902 SAKR_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9/24/2023 13:26	43402 BENT_T1	0	0	0	0	0	0	-0.92	-0.92	1	1	0	900	900	0
9/24/2023 13:29	43401 BENT_T1	5	6	1	1.66	0.2	-1.46	0	0	0	0	0	0	0	0
9/24/2023 13:31	59001 MIFF_T1	13	13	0	0.18	0.16	-0.02	0	0	0	0	0	0	0	0
9/24/2023 13:32	60604 NCOL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9/24/2023 13:33	59302 MCAL_T1	1	1	0	1	0.8	-0.2	-0.5	-0.47	1	1	0	600	600	0
9/24/2023 13:35	54701 NEBL_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9/24/2023 13:37	65902 SAKR_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9/24/2023 13:38	60801 BUCK_T1	0	0	0	0	0	0	-0.14	-0.12	0	0	0	0	0	0
9/24/2023 13:40	42601 TUSC_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9/24/2023 13:41	60803 BUCK_T1	0	0	0	0	0	0	-0.91	-0.91	1	1	0	600	600	0
9/24/2023 13:43	60803 BUCK_T1	0	0	0	0	0	0	-0.91	-0.91	1	1	0	600	600	0
9/24/2023 13:50	42601 TUSC_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9/24/2023 13:52	45003 LIME_2	1	1	0	3.4	3.4	0	0	0	0	0	0	0	0	0
9/24/2023 13:53	45003 LIME_2	1	1	0	3.4	3.4	0	0	0	0	0	0	0	0	0
9/24/2023 13:56	53903 HALI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9/24/2023 14:02	64101 REFR_T1	3	3	0	6.4	6.13	-0.27	-0.11	-0.07	0	0	0	0	0	0
9/24/2023 14:03	64101 REFR_T1	3	3	0	6.4	6.13	-0.27	-0.22	-0.14	0	0	0	0	0	0
9/24/2023 14:04	64101 REFR_T1	3	3	0	6.4	6.13	-0.27	-0.11	-0.07	0	0	0	0	0	0
9/24/2023 14:06	57601 RUTH_T2	0	0	0	0	0	0	-0.36	-0.38	1	1	0	900	900	0
9/24/2023 14:07	64101 REFR_T1	3	3	0	6.4	6.13	-0.27	-0.22	-0.14	0	0	0	0	0	0
9/24/2023 14:07	56802 BENV_T2	1	1	0	0.7	0.6	-0.1	-1.42	-1.45	0	0	0	0	0	0
9/24/2023 14:08	41602 CLEV_T1	0	0	0	0	0	0	0	0	1	1	0	600	600	0
9/24/2023 14:08	56802 BENV_T2	1	1	0	0.7	0.6	-0.1	-2.84	-2.9	0	0	0	0	0	0
9/24/2023 14:09	60801 BUCK_T1	0	0	0	0	0	0	-0.13	-0.1	0	0	0	0	0	0
9/24/2023 14:09	56802 BENV_T2	1	1	0	0.7	0.6	-0.1	-1.42	-1.45	0	0	0	0	0	0
9/24/2023 14:09	56801 BENV_T1	20	20	0	1.37	1.65	0.28	-2.4	-2.28	3	3	0	1800	1800	0
9/24/2023 14:10	56801 BENV_T1	20	20	0	1.37	1.65	0.28	-2.4	-2.28	3	3	0	1800	1800	0
9/24/2023 14:10	11104 EGYP_T1	1	1	0	2.2	0	-2.2	0.65	0.59	0	0	0	0	0	0
9/24/2023 14:10	56802 BENV_T2	1	1	0	0.7	0.6	-0.1	-1.42	-1.45	0	0	0	0	0	0
9/24/2023 14:10	56803 BENV_T1	0	0	0	0	0	0	0.31	0.3	0	0	0	0	0	0
9/24/2023 14:11	56801 BENV_T1	20	20	0	1.37	1.65	0.28	-0.8	-0.76	1	1	0	600	600	0
9/24/2023 14:11	56802 BENV_T2	1	1	0	0.7	0.6	-0.1	-1.42	-1.45	0	0	0	0	0	0
9/24/2023 14:12	56802 BENV_T2	1	1	0	0.7	0.6	-0.1	-1.42	-1.45	0	0	0	0	0	0
9/24/2023 14:16	58402 MORO_T1	0	0	0	0	0	0	-0.54	-0.5	1	1	0	600	600	0
9/24/2023 14:17	58402 MORO_T1	0	0	0	0	0	0	-0.54	-0.5	1	1	0	600	600	0
9/24/2023 14:18	58402 MORO_T1	0	0	0	0	0	0	-0.54	-0.5	1	1	0	600	600	0
9/24/2023 14:19	56501 ROCK_T2	0	0	0	0	0	0	-0.41	-0.39	0	0	0	0	0	0
9/24/2023 14:19	42201 SHEN_T2	0	0	0	0	0	0	0.44	0.44	0	0	0	0	0	0
9/24/2023 14:20	56501 ROCK_T2	0	0	0	0	0	0	-0.41	-0.39	0	0	0	0	0	0
9/24/2023 14:21	53903 HALI_T2	2	2	0	0.2	0.2	0	0	0	0	0	0	0	0	0
9/24/2023 14:21	48302 ORWI_T2	1	1	0	0.1	0.3	0.2	-0.05	-0.01	0	0	0	0	0	0
9/24/2023 14:21	14403 SSLA_T1	0	0	0	0	0	0	0.8	0.79	0	0	0	0	0	0
9/24/2023 14:22	64101 REFR_T1	3	3	0	5.97	6.13	0.16	-0.07	-0.09	0	0	0	0	0	0
9/24/2023 14:22	14403 SSLA_T1	0	0	0	0	0	0	0.8	0.79	0	0	0	0	0	0
9/24/2023 14:22	42201 SHEN_T2	0	0	0	0	0	0	0.44	0.44	0	0	0	0	0	0
9/24/2023 14:23	27502 WEIS_T2	0	0	0	0	0	0	-0.63	-0.46	0	0	0	0	0	0
9/24/2023 14:23	58003 WCAR_T1	32	42	10	0.21	0.2

9/24/2023 14:48	45902 AUBU_T1	0	0	0	0	0	0	-0.98	-0.88	0	0	0	0	0	0
9/24/2023 14:48	65001 NEFF_T2	0	0	0	0	0	0	-1.21	-1.23	1	1	0	1200	1200	0
9/24/2023 14:49	45901 AUBU_T1	0	0	0	0	0	0	0.89	0.92	0	0	0	0	0	0
9/24/2023 14:49	64101 REFR_T1	3	3	0	6	6.07	0.07	-0.22	-0.22	0	0	0	0	0	0
9/24/2023 14:49	58402 MORO_T1	0	0	0	0	0	0	-0.5	-0.51	1	1	0	600	600	0
9/24/2023 14:50	53903 HAU_T2	2	2	0	0.2	0.25	0.05	0	0	0	0	0	0	0	0
9/24/2023 14:50	64101 REFR_T1	3	3	0	6	6.07	0.07	-0.33	-0.33	0	0	0	0	0	0
9/24/2023 14:50	58402 MORO_T1	0	0	0	0	0	0	-0.5	-0.51	1	1	0	600	600	0
9/24/2023 14:51	48302 ORWI_T2	1	2	1	0.3	0.25	-0.05	-0.01	-0.01	0	0	0	0	0	0
9/24/2023 14:51	64101 REFR_T1	3	3	0	6	6.07	0.07	-0.11	-0.11	0	0	0	0	0	0
9/24/2023 14:52	53903 HAU_T2	2	2	0	0.2	0.25	0.05	0	0	0	0	0	0	0	0
9/24/2023 14:53	53903 HAU_T2	2	2	0	0.2	0.25	0.05	0	0	0	0	0	0	0	0
9/24/2023 14:54	29401 BELT_T1	0	0	0	0	0	0	0	0	1	1	0	900	900	0
9/24/2023 14:54	53903 HAU_T2	2	2	0	0.2	0.25	0.05	0	0	0	0	0	0	0	0
9/24/2023 14:54	59201 THOM_T1	10	13	3	0.37	0.45	0.08	0	0	0	0	0	0	0	0
9/24/2023 14:55	53901 HAU_T2	1	1	0	0.7	4.4	3.7	0.97	1.09	0	0	0	0	0	0
9/24/2023 14:55	41602 CLEV_T1	0	0	0	0	0	0	0	0	1	1	0	600	600	0
9/24/2023 14:56	29402 BELT_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9/24/2023 14:56	53903 HAU_T2	2	2	0	0.2	0.25	0.05	-0.13	-0.16	0	0	0	0	0	0
9/24/2023 14:57	41602 CLEV_T1	0	0	0	0	0	0	0	0	1	1	0	600	600	0
9/24/2023 14:58	29401 BELT_T1	0	0	0	0	0	0	0	0	1	1	0	900	900	0
9/24/2023 15:03	45902 AUBU_T1	0	0	0	0	0	0	-0.44	-0.49	0	0	0	0	0	0
9/24/2023 15:06	53901 HAU_T2	0	0	0	0	0	0	0.73	0.67	0	0	0	0	0	0
9/24/2023 15:08	53903 HAU_T2	2	2	0	0.25	0.15	-0.1	0	0	0	0	0	0	0	0
9/24/2023 15:08	56802 BENV_T2	1	1	0	0.7	0.8	0.1	-2.82	-2.84	0	0	0	0	0	0
9/24/2023 15:09	56802 BENV_T2	1	1	0	0.7	0.8	0.1	-1.41	-1.42	0	0	0	0	0	0
9/24/2023 15:10	56802 BENV_T2	1	1	0	0.7	0.8	0.1	-2.82	-2.84	0	0	0	0	0	0
9/24/2023 15:10	53901 HAU_T2	0	0	0	0	0	0	0.36	0.33	0	0	0	0	0	0
9/24/2023 15:11	53901 HAU_T2	0	0	0	0	0	0	0.36	0.33	0	0	0	0	0	0
9/24/2023 15:11	60801 BUCK_T1	0	0	0	0	0	0	-0.13	-0.11	0	0	0	0	0	0
9/24/2023 15:11	56802 BENV_T2	1	1	0	0.7	0.8	0.1	-2.82	-2.84	0	0	0	0	0	0
9/24/2023 15:13	63401 HONY_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9/24/2023 15:14	53903 HAU_T2	2	2	0	0.25	0.15	-0.1	-0.13	-0.17	0	0	0	0	0	0
9/24/2023 15:17	55001 NEWP_T1	0	0	0	0	0	0	-0.08	0	0	0	0	0	0	0
9/24/2023 15:19	14403 SSLA_T1	0	0	0	0	0	0	0.8	0.81	0	0	0	0	0	0
9/24/2023 15:20	54701 NEBL_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9/24/2023 15:20	14403 SSLA_T1	0	0	0	0	0	0	0.8	0.81	0	0	0	0	0	0
9/24/2023 15:22	42701 AUGU_T1	0	1	1	0	0.8	0.8	0	0	2	2	0	1800	1800	0
9/24/2023 15:22	55001 NEWP_T1	0	0	0	0	0	0	-0.08	0	0	0	0	0	0	0
9/24/2023 15:25	42701 AUGU_T1	0	1	1	0	0.8	0.8	0	0	2	2	0	1800	1800	0
9/24/2023 15:26	55001 NEWP_T1	0	0	0	0	0	0	-0.08	0	0	0	0	0	0	0
9/24/2023 15:26	43402 BENT_T1	0	0	0	0	0	0	-0.95	-0.95	1	1	0	900	900	0
9/24/2023 15:28	63401 HONY_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9/24/2023 15:29	43402 BENT_T1	0	0	0	0	0	0	-0.95	-0.95	1	1	0	900	900	0
9/24/2023 15:30	45902 AUBU_T1	0	0	0	0	0	0	-1.04	-0.9	0	0	0	0	0	0
9/24/2023 15:32	47802 MOCA_T2	0	0	0	0	0	0	-1.04	-1.03	0	0	0	0	0	0
9/24/2023 15:36	54701 NEBL_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9/24/2023 15:37	42201 SHEN_T2	0	0	0	0	0	0	0.42	0.42	0	0	0	0	0	0
9/24/2023 15:42	29401 BELT_T1	0	0	0	0	0	0	0	0	1	1	0	900	900	0
9/24/2023 15:52	45003 LIME_2	1	1	0	3.5	3.7	0.2	0	0	0	0	0	0	0	0
9/24/2023 15:53	45003 LIME_2	1	1	0	3.5	3.7	0.2	0	0	0	0	0	0	0	0
9/24/2023 15:53	17802 GILB_T1	0	0	0	0	0	0	0.03	0.03	0	0	0	0	0	0
9/24/2023 16:01	28604 BLYT_T2	0	0	0	0	0	0	-1.3	-1.29	0	0	0	0	0	0
9/24/2023 16:17	45902 AUBU_T1	0	0	0	0	0	0	-0.88	-0.79	0	0	0	0	0	0
9/24/2023 16:23	59201 THOM_T1	14	8	-6	0.3	0.21	-0.09	0	0	0	0	0	0	0	0
9/24/2023 16:24	67203 TEHI_T1	1	1	0	0.8	0.82	0	0.82	0.82	1	1	0	900	900	0
9/24/2023 16:26	43401 BENT_T1	0	1	1	0	0	0	0	0	0	0	0	0	0	0
9/24/2023 16:29	43401 BENT_T1	0	1	1	0	0	0	0	0	0	0	0	0	0	0
9/24/2023 16:33	45902 AUBU_T1	0	0	0	0	0	0	-0.79	-0.92	0	0	0	0	0	0
9/24/2023 16:34	59402 RFLD_T2	9	17	8	0.29	0.21	-0.08	-1.25	-1.27	1	1	0	450	450	0
9/24/2023 16:37	59402 RFLD_T2	9	17	8	0.29	0.21	-0.08	-1.25	-1.27	1	1	0	450	450	0
9/24/2023 16:39	59201 THOM_T1	8	7	-1	0.16	0.21	0.05	0	0	0	0	0	0	0	0
9/24/2023 17:26	43401 BENT_T1	2	1	-1	0.7	0	-0.7	0	0	0	0	0	0	0	0
9/24/2023 17:29	43402 BENT_T1	0	0	0	0	0	0	-0.94	-0.95	1	1	0	900	900	0
9/24/2023 17:46	43402 BENT_T1	0	0	0	0	0	0	-0.92	-0.94	1	1	0	900	900	0
9/24/2023 18:03	53901 HAU_T2	0	4	4	0	0.28	0.28	0	0	0	0	0	0	0	0
9/24/2023 18:10	44301 BEAV_T2	14	15	1	0.75	0.72	-0.03	0	0	0	0	0	0	0	0
9/24/2023 19:17	52401 GRPA_T2	4	0	-4	1.33	0	-1.33	0	0	0	0	0	0	0	0
9/24/2023 19:37	42401 GIMA_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9/24/2023 19:37	42601 TUSC_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9/24/2023 19:40	63401 HONY_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9/24/2023 19:40	47101 MARL_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9/24/2023 19:52	46302 ROHR_T1	6	6	0	1.03	0.78	-0.25	0	0	0	0	0	0	0	0
9/24/2023 19:53	61303 EARL_T1	0	0	0	0	0	0	0.03	0.06	0	0	0	0	0	0
9/24/2023 19:56	60803 BUCK_T1	0	1	1	0	0	0	-1.5	-1.52	1	1	0	600	600	0
9/24/2023 20:00	65902 SAXR_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9/24/2023 20:00	54701 NEBL_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9/24/2023 20:01	60604 NCOL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9/24/2023 20:03	52403 GRPA_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9/24/2023 20:04	40101 HUNT_T2	0	0	0	0	0	0	-0.68	-0.68	0	0	0	0	0	0
9/24/2023 20:04	56802 BENV_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9/24/2023 20:07	56802 BENV_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9/24/2023 20:09	53903 HAU_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9/24/2023 20:09	61303 EARL_T1	0	0	0	0	0	0	0.06	0.01	0	0	0	0	0	0
9/24/2023 20:11	64301 LINC_T1	0	0	0	0	0	0	-0.32	-0.35	1	1	0	600	600	0
9/24/2023 20:11	10801 CHHI_T1	0	1	1	0	0.2	0.2	-0.84	-0.85	1	1	0	900	900	0
9/24/2023 20:12	12701 MACU_T1	1	1	0	3	2.3	-0.7	0.09	0.08	0	0	0	0	0	0
9/24/2023 20:15	45901 AUBU_T1	0	0	0	0	0	0	0.91	0.94	0	0	0	0	0	0
9/24/2023 20:17	66505 SMAN_T2	0	0	0	0	0	0	0	-0.04	1	1	0	900	900	0
9/24/2023 20:18	14403 SSLA_T1	0	0	0	0	0	0	0.78	0.79	0	0	0	0	0	0
9/24/2023 20:21	17805 GILB_T2	0	0	0	0	0	0	-0.06	-0.08	0	0	0	0	0	0
9/24/2023 20:22	11104 EGYP_T1	0	0	0	0	0	0	0.53	0.51	0	0	0	0	0	0
9/24/2023 20:24	29402 BELT_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9/24/2023 20:25	17802 GILB_T1	0	0	0	0	0	0	0.04	0.02	0	0	0	0	0	0
9/24/2023 20:26	12701 MACU_T1	1	1	0	2.3	0.9	-1.4	0.08	0.07	0	0	0	0	0	0
9/24/2023 20:27	29402 BELT_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9/24/2023 20:27	67605 WARW_T1	0	1	1	0	0.2	0.2	-1.23	-1.22	0	0	0	0	0	0
9/24/2023 20:28	15001 BLMO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9/24/2023 20:29	12701 MACU_T1	1	1	0	2.3	0.9	-1.4	0.07	0.06	0	0	0	0	0	0
9/24/2023 20:29	14403 SSLA_T1	0	0	0	0	0	0	0.79	0.79	0	0	0	0	0	0
9/24/2023 20:29	43202 MVIL_T2	0	0	0	0	0	0	-0.7	-0.68	0	0	0	0	0	0
9/24/2023 20:29	45902 AUBU_T1	0	0	0	0	0	0	-0.47	-0.47	0	0	0	0	0	0
9/24/2023 20:31	28403 HART_T2	0	0	0	0	0	0	-0.59	-0.59	1	1	0	900	900	0
9/24/2023 20:35	45901 AUBU_T1	0	0	0	0	0	0	0.94	0.94	0	0	0	0	0	0
9/24/2023 20:36	15001 BLMO_T1	0	1	1	0	0	0	0	0	0	0	0	0	0	0
9/24/2023 20:36	47802 MOCA_T2	0	0	0	0	0	0	-1.04	-1.04	0	0	0	0	0	0
9/24/2023 20:36	41602 CLEV_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9/24/2023 20:37	15001 BLMO_T1	0	1	1	0	0	0	0	0	0	0	0	0	0	0
9/24/2023 20:37	42201 SHEN_T2	0	0	0	0	0	0	0.4	0.41	0	0	0	0	0	0
9/24/2023 20:38	61301 EARL_T1	0	0	0	0	0	0	-0.51	-0.51	1	1	0	900	900	0
9/24/2023 20:38	44901 SCOT_T2	0	0	0	0	0	0	-0.55	-0.59	0	0	0	0	0	0
9/24/2023 20:39	45902 AUBU_T1	0	0	0	0	0	0	-0.47	-0.47	0	0	0	0	0	0
9/24/2023 20:39	67503 WEWI_T2	0	0	0	0	0	0	-0.35	-0.33	0	0	0	0	0	0
9/24/2023 20:39	13503 MCMI_T2	0	0	0	0	0	0	-0.01	-0.01	0	0	0	0	0	0
9/24/2023 20:39	59101 WALK_T2	1	1	0	0	0	0	0.92	1.09	1	1	0	450	450	0
9/24/2023 20:41	20403 ASHF_T2	0	0	0	0	0	0	0.2	0.23	0	0	0	0	0	0
9/24/2023 20:42	15001 BLMO_T1	0	1	1	0	0	0	0	0	0	0	0	0	0	0
9/24/2023 20:42	51604 DUKE_T2	4	21	17	0.15	0.2	0.05	-1.61	-1.64	1	1	0	900	900	0
9/24/2023 20:43	11104 EGYP_T1	0	0	0	0	0	0	0.51	0.48	0	0	0	0	0	0
9/24/2023 20:44	65001 NEFF_T2	0	0	0	0	0	0	-1.19	-1.21	1	1	0	1200	1200	0
9/24/2023 20:44	51107 CARL_T1	0	1	1	0	0.1	0.1	-0.23	-0.32	0	0	0	0	0	0
9/24/2023 20:46	59402 RFLD_T2	34	53	19	0.29	0.3	0.01	-1.27	-1.27	1	1	0	450	450	0
9/24/2023 20:46	48302 ORWI_T2	2	2	0	0.5	0.7	0.2	-0.07	-0.07	0	0	0	0	0	0
9/24/2023 20:47	58001 WCAR_T1	4	6	2	1.6	1.22	-0.38	0	0	0	0	0	0	0	0
9/24/2023 20:47	60803 BUCK_T1	1	7	6	0.1	1	0.9	-1.58	-1.55	1	1	0	600	600	0
9/24/2023 20:48	67503 WEWI_T2	0	0	0	0	0	0	-0.33	-0.36	0	0	0	0	0	0
9/24/2023 20:48	67503 WEWI_T2	0	0	0	0	0	0	-0.33	-0.36	0	0	0	0	0	0
9/24/2023 20:49	15001 BLMO_T1	0	1	1	0	0	0	0	0	0	0	0	0	0	0
9/24/2023 20:50	67503 WEWI_T2	0	0	0	0	0	0	-0.33	-0.36	0	0	0	0	0	0
9/24/2023 20:50	64801 MONE_T2	0	40	40	0	0.5	0.5	0.29	0.28	0	0	0	0	0	0
9/24/2023 20:50	67502 WEWI_T2	0	0	0	0	0	0	-1.47	-1.44	1	1	0	900	900	0
9/24/2023 20:50	49804 UNIV_T1	0	1	1	0	0.1	0.1	0	0	0	0	0	0	0	0
9/24/2023 20:51	58402 MORO_T1	0	0	0	0	0	0	-0.59	-0.6	1	1	0	600	600	0
9/24/2023 20:51	26603 BROO_T1	0	0	0	0	0	0	0.14	0.12	0	0	0	0	0	0
9/24/2023 20:51	43304 WATS_T2	0	0	0	0	0	0	-1.18	-1.25	0	0	0	0	0	0
9/24/2023 20:51	42201 SHEN_T2	0	0	0	0	0	0	0.41	0.42	0	0	0	0	0	0
9/24/2023 20:51	59101 WALK_T2	1	1	0	0	0	0	1.09	1.01	1	1	0	450	450	0
9/24/2023 20:51	64101 REFR_T1	3	3	0	7.33	7.47	0.14	-0.07	-0.07	0	0	0	0	0	0
9/24/2023 20:52	56801 BENV_T1	20	22	2	1.03	1.61	0.58	-0.76	-0.79	1	1	0	600	600	0
9/24/2023 20:52	59101 WALK_T2	1	1	0	0	0	0	1.09	1.01	1	1	0	450	450	0
9/24/2023 20:53	56801 BENV_T1	20	22	2	1.03	1.61	0.58	0	0	0	0	0	0	0	0
9/24/2023 20:53	67502 WEWI_T2	0	0	0	0	0	0	-1.47	-1.44	1	1	0	900	900	0
9/24/2023 20:53	60803 BUCK_T1	1	7	6	0.1	1	0.9	0	0	0	0	0	0	0	0
9/24/2023 20:53	23401 HONE_T2	0	2	2	0	0.7	0.7	0	0.01	0	0	0	0	0	0
9/24/2023 20:53	47101 MARL_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9/24/2023 20:54	42001 MNVL_T2	0	0	0	0	0	0	0.05	0.05	0	0	0	0	0	0
9/24/2023 20:54	43202 MVIL_T2	0	1	1	0	0	0	-0.68	-0.7	0	0	0	0	0	0
9/24/2023 20:54	45602 WOOL_T1	2	3	1	0.2	0.33	0.13	0.48	0.48	0	0	0	0	0	0
9/24/2023 20:54	64101 REFR_T1	3	3	0	7.33	7.47	0.14	-0.07	-0.07	0	0	0	0	0	0
9/24/2023 20:54	43304 WATS_T2	0	0	0	0	0	0	-0.59	-0.62	0	0	0	0	0	0
9/24/2023 20:54	49804 UNIV_T1	0	1	1	0	0.1	0.1	0	0	0	0	0	0	0	0
9/24/2023 20:55	61801 EEIU_T2	2	2	0	0.9	0.85	-0.05	-0.89	-0.91	1	1	0	600	600	0
9/24/2023 20:55	43304 WATS_T2	0	0	0	0	0	0	-0.59	-0.62	0	0	0	0	0	0
9/24/2023 20:56	46203 DANV_T2	0	0	0	0	0	0	-0.01	0.02	0	0	0	0	0	0
9/24/2023 20:56	66504 SMAN_T2	0	0	0	0	0	0	-1.68	-1.77	1	1	0	1200	1200	0
9/24/2023 20:56	53903 HAU_T2	0	2	2	0	0.8	0.8	0	0	0	0	0	0	0	0
9/24/2023 20:56	67503 WEWI_T2	0	0	0	0	0	0	-0.33	-0.36	0	0	0	0	0	0
9/24/2023 20:56	59101 WALK_T2	1	1	0	0	0	0	1.09	1.01	1	1	0	450	450	0
9/24/2023 20:57	53901 HAU_T2	1	2	1	0.4	0.2	-0.2	0.18	0.2	0	0	0	0	0	0
9/24/2023 20:57	58402 MORO_T1	0	0	0	0	0	0	-0.59	-0.6	1	1	0	600	600	0
9/24/2023 20:57	51604 DUKE_T2	21	22	1	0.19	0.19	0	-1.64	-1.63	1	1	0	900	900	0
9/24/2023 20:57	46001 BERW_T1	0	0	0	0	0	0	0.53	0.5	0	0	0	0	0	0
9/24/2023 20:57	59101 WALK_T2	1	1	0	0	0	0	1.09	1.01	1	1	0	450	450	0
9/24/2023 20:58	42701 AUGU_T1	0	0	0	0	0	0	0	0	2	2	0	1800	1800	0
9/24/2023 20:58	56801 BENV_T1	20	22	2	1.03	1.61	0.58	-1.52	-1.58	2	2	0	1200	1200	0
9/24/2023 20:58	66505 SMAN_T2	0	0	0	0	0	0	0.05	0.05	1	1	0	900	900	0
9/24/2023 20:59	26603 BROO_T1	0	0	0	0	0	0	0.12	0.13	0	0	0	0	0	0
9/24/2023 21:00	60604 NCOL_T2	0	0	0	0	0	0	0.35	0.38	0	0	0	0	0	0
9/24/2023 21:00	56801 BENV_T1	20	22	2	1.31	1.77	0.46	-0.79	-0.79	1	1	0	600	600	0
9/24/2023 21:00	53901 HAU_T2	1	3	2	0.3	0.2	-0.1	0.2	0.18	0	0	0	0	0	0
9/24/2023 21:00	66703 STRA_T1	1	1	0	0.1	0.2	0.1	-0.38	-0.36	0	0	0	0	0	0
9/24/2023 21:00	64101 REFR_T1	3	3	0	7.47	7.5	0.03	-0.07	-0.1	0	0	0	0	0	0
9/24/2023 21:01	53901 HAU_T2	1	3	2	0.3	0.2	-0.1	0.2	0.18	0	0	0	0	0	0
9/24/2023 21:01	28604 BLYT_T2	0	0	0	0	0	0	-1.31	-1.31	0	0	0	0	0	0
9/24/2023 21:01	45602 WOOL_T1	2	11	9	0.4	0.22	-0.18	0.48	0.47	0	0	0	0	0	0
9/24/2023 21:01	53901 HAU_T2	1	3	2	0.3	0.2	-0.1	0.2	0.18	0	0	0	0	0	0
9/24/2023 21:02	56802 BENV_T2	1	1	0	0.8	1	0.2	-4.32	-4.32	0	0	0	0	0	0
9/24/2023 21:02	56803 BENV_T1	0	0	0	0	0	0	0.26	0.24	0	0	0	0	0	0
9/24/2023 21:02	44601 SALE_T2	0	0	0	0	0	0	-0.19	-0.15	0	0	0	0	0	0
9/24/2023 21:03	56801 BENV_T1	20	22	2	1.31	1.77	0.46	-0.79	-0.79	1	1	0	600	600	0
9/24/2023 21:

Appendix C - Grid Benefits Achieved in Each Instance of Active Management

9/25/2023 0:28	43402 BENT_T1	0	0	0	0	0	0	-0.96	-0.96	1	1	0	900	900	0
9/25/2023 0:28	41801 GOCI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9/25/2023 0:28	17803 GILB_T2	1	0	-1	0.2	0	-0.2	0	0	0	0	0	0	0	0
9/25/2023 0:28	29402 BELT_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9/25/2023 0:28	59201 THOM_T1	0	2	2	0	0.1	0.1	0	0	0	0	0	0	0	0
9/25/2023 0:28	45902 AUBU_T1	0	0	0	0	0	0	-0.66	-0.77	0	0	0	0	0	0
9/25/2023 0:28	46001 BERW_T1	0	0	0	0	0	0	0.41	0.39	0	0	0	0	0	0
9/25/2023 0:28	12701 MACU_T1	1	1	0	4.5	1.4	-3.1	0	0	0	0	0	0	0	0
9/25/2023 0:28	42902 MIDD_T2	290	318	28	0.77	0.88	0.11	-0.64	-0.65	0	0	0	0	0	0
9/25/2023 0:28	63203 MGTN_T1	0	0	0	0	0	0	-0.3	-0.29	1	1	0	600	600	0
9/25/2023 0:28	56802 BENV_T2	1	2	1	0.8	0.55	-0.25	-4.44	-4.44	0	0	0	0	0	0
9/25/2023 0:28	64101 REFR_T1	3	3	0	9.4	9.5	0.1	0.05	-0.01	0	0	0	0	0	0
9/25/2023 0:28	27502 WEIS_T2	0	0	0	0	0	0	-0.22	-0.22	0	0	0	0	0	0
9/25/2023 0:28	41602 CLEV_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9/25/2023 0:28	13105 NHAM_T2	0	0	0	0	0	0	-0.36	-0.35	1	1	0	1200	1200	0
9/25/2023 0:28	45602 WOOL_T1	0	1	1	0	0.1	0.1	0.33	0.32	0	0	0	0	0	0
9/25/2023 0:28	47101 MARL_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9/25/2023 0:28	44901 SCOT_T2	0	0	0	0	0	0	-0.58	-0.52	0	0	0	0	0	0
9/25/2023 0:28	67203 TEHI_T1	1	1	0	0	0	0	0.98	1.42	2	2	0	1500	1500	0
9/25/2023 0:28	41901 REED_T1	0	0	0	0	0	0	-1.6	-1.59	1	1	0	900	900	0
9/25/2023 0:29	43402 BENT_T1	0	0	0	0	0	0	-0.96	-0.96	1	1	0	900	900	0
9/25/2023 1:16	43402 BENT_T1	0	1	1	0	0	0	-0.95	-0.96	1	1	0	900	900	0
9/25/2023 5:07	57601 RUTH_T2	0	0	0	0	0	0	-0.51	-0.49	1	1	0	900	900	0
9/25/2023 5:07	15001 BLMO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9/25/2023 5:08	15001 BLMO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9/25/2023 5:08	57601 RUTH_T2	0	0	0	0	0	0	-0.51	-0.49	1	1	0	900	900	0
9/25/2023 7:17	54701 NEBL_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9/25/2023 7:55	45802 HEGI_T2	0	0	0	0	0	0	1.06	0.83	0	1	1	0	300	300
9/25/2023 8:15	46801 HEPB_T2	13	8	-5	0.29	0.41	0.12	0.6	0.63	0	0	0	8	0	0
9/25/2023 8:26	43001 ALWD_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9/25/2023 8:26	43402 BENT_T1	0	0	0	0	0	0	-0.82	-0.71	1	1	0	900	900	0
9/25/2023 8:27	43402 BENT_T1	0	0	0	0	0	0	-0.82	-0.71	1	1	0	900	900	0
9/25/2023 8:28	45802 HEGI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9/25/2023 8:29	47101 MARL_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9/25/2023 8:29	43402 BENT_T1	0	0	0	0	0	0	-0.82	-0.71	1	1	0	900	900	0
9/25/2023 8:32	40101 HUNT_T2	0	0	0	0	0	0	-0.62	-0.67	0	0	0	0	0	0
9/25/2023 8:39	56802 BENV_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9/25/2023 8:41	56802 BENV_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9/25/2023 8:46	54701 NEBL_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9/25/2023 8:50	42902 MIDD_T2	0	0	0	0	0	0	-0.37	-0.46	1	1	0	600	600	0
9/25/2023 8:52	42902 MIDD_T2	0	0	0	0	0	0	-0.37	-0.46	1	1	0	600	600	0
9/25/2023 8:58	53601 DALM_T2	1	1	0	1.3	1.4	0.1	-0.61	-0.67	1	1	0	900	900	0
9/25/2023 9:09	26603 BROO_T1	0	0	0	0	0	0	0.36	0.3	0	0	0	0	0	0
9/25/2023 9:11	26603 BROO_T1	0	0	0	0	0	0	0.36	0.3	0	0	0	0	0	0
9/25/2023 9:14	46803 HEPB_T2	1	2	1	0.2	0.2	0	0.32	0.28	0	0	0	0	0	0
9/25/2023 9:21	59101 WALK_T2	1	1	0	0	0	0	2.08	1.76	0	0	0	0	0	0
9/25/2023 9:25	41801 GOCI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9/25/2023 9:25	59101 WALK_T2	1	1	0	0	0	0	2.08	1.76	0	0	0	0	0	0
9/25/2023 9:26	43402 BENT_T1	0	0	0	0	0	0	-0.66	-0.59	1	1	0	900	900	0
9/25/2023 9:27	54505 ENOL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9/25/2023 9:29	43402 BENT_T1	0	0	0	0	0	0	-0.66	-0.59	1	1	0	900	900	0
9/25/2023 9:29	47101 MARL_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9/25/2023 9:30	47101 MARL_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9/25/2023 9:30	45802 HEGI_T2	0	0	0	0	0	0	1.25	1.4	1	0	-1	300	0	-300
9/25/2023 9:30	41801 GOCI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9/25/2023 9:31	47101 MARL_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9/25/2023 9:33	13503 MCMI_T2	0	0	0	0	0	0	-0.01	-0.01	0	0	0	0	0	0
9/25/2023 9:34	54701 NEBL_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9/25/2023 9:35	59101 WALK_T2	1	2	1	0	0	0	1.76	2	0	0	0	0	0	0
9/25/2023 9:36	54701 NEBL_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9/25/2023 9:38	42201 SHEN_T2	0	0	0	0	0	0	-0.21	-0.2	1	1	0	600	600	0
9/25/2023 9:39	56802 BENV_T2	331	370	39	0.42	0.52	0.1	-4.26	-4.2	0	0	0	0	0	0
9/25/2023 9:39	49803 UNIV_T1	0	0	0	0	0	0	0.35	-1.01	0	0	0	0	0	0
9/25/2023 9:40	56802 BENV_T2	331	370	39	0.42	0.52	0.1	-1.42	-1.4	0	0	0	0	0	0
9/25/2023 9:41	56802 BENV_T2	331	370	39	0.42	0.52	0.1	-1.42	-1.4	0	0	0	0	0	0
9/25/2023 9:41	10801 CHHI_T1	0	0	0	0	0	0	-0.65	-0.66	1	1	0	900	900	0
9/25/2023 9:42	46302 ROHR_T1	2	2	0	2.45	2.8	0.35	0	0	0	0	0	0	0	0
9/25/2023 9:43	61303 EARL_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9/25/2023 9:46	46801 HEPB_T2	9	3	-6	0.34	0.77	0.43	0	0	0	0	0	0	0	0
9/25/2023 9:46	43202 MVIL_T2	0	2	2	0	0.1	0.1	-0.6	-0.6	0	0	0	0	0	0
9/25/2023 9:46	45802 HEGI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9/25/2023 9:48	66505 SMAN_T2	0	1	1	0	0	0	0	0	0	0	0	0	0	0
9/25/2023 9:49	43202 MVIL_T2	0	2	2	0	0.1	0.1	-0.6	-0.6	0	0	0	0	0	0
9/25/2023 9:50	43304 WATS_T2	0	0	0	0	0	0	-0.51	-0.5	0	0	0	0	0	0
9/25/2023 9:50	41901 REED_T1	3	3	0	0.33	0.17	-0.16	-1.19	-1.18	1	1	0	900	900	0
9/25/2023 9:51	45902 AUBU_T1	0	0	0	0	0	0	-0.41	-0.42	1	1	0	600	600	0
9/25/2023 9:51	29401 BELT_T1	11	62	51	0.11	0.23	0.12	0	0	0	0	0	0	0	0
9/25/2023 9:51	20403 ASHF_T2	0	0	0	0	0	0	1.04	1.05	0	0	0	0	0	0
9/25/2023 9:52	29402 BELT_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9/25/2023 9:53	45902 AUBU_T1	0	0	0	0	0	0	-0.41	-0.42	1	1	0	600	600	0
9/25/2023 9:54	60801 BUCK_T1	0	0	0	0	0	0	0.16	0.14	0	0	0	0	0	0
9/25/2023 9:54	20403 ASHF_T2	0	0	0	0	0	0	1.04	1.05	0	0	0	0	0	0
9/25/2023 9:55	40902 JESH_T1	0	0	0	0	0	0	0.19	0.24	0	0	0	0	0	0
9/25/2023 9:55	15001 BLMO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9/25/2023 9:55	53501 EVIL_T2	0	1	1	0	0.4	0.4	-0.31	-0.98	4	4	0	2400	2400	0
9/25/2023 9:56	62601 ENGL_T1	0	1	1	0	0	0	0	0	0	0	0	0	0	0
9/25/2023 9:56	53501 EVIL_T2	0	1	1	0	0.4	0.4	-0.15	-0.49	2	2	0	1200	1200	0
9/25/2023 9:57	62601 ENGL_T1	0	1	1	0	0	0	0	0	0	0	0	0	0	0
9/25/2023 9:57	15001 BLMO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9/25/2023 9:58	62604 ENGL_T1	0	0	0	0	0	0	-1.68	-1.3	0	0	0	0	0	0
9/25/2023 9:59	64301 LINC_T1	0	0	0	0	0	0	0.13	0.14	1	1	0	600	600	0
9/25/2023 10:00	56802 BENV_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9/25/2023 10:00	46302 ROHR_T1	2	2	0	2.8	3.25	0.45	0	0	0	0	0	0	0	0
9/25/2023 10:00	61303 EARL_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9/25/2023 10:00	52403 GRPA_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9/25/2023 10:00	66505 SMAN_T2	0	1	1	0	0.8	0.8	1.19	1.28	4	4	0	2200	2200	0
9/25/2023 10:00	20401 ASHF_T2	0	0	0	0	0	0	-0.21	-0.17	1	1	0	600	600	0
9/25/2023 10:00	45802 HEGI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9/25/2023 10:00	56603 HAMP_T1	0	18	18	0	0.12	0.12	0	0	0	0	0	0	0	0
9/25/2023 10:00	40101 HUNT_T2	0	0	0	0	0	0	-0.47	-0.46	0	0	0	0	0	0
9/25/2023 10:00	41901 REED_T1	2	3	1	0.2	0.2	0	-1.18	-1.22	1	1	0	900	900	0
9/25/2023 10:00	49803 UNIV_T1	0	1	1	0	0	0	-1	-1.01	0	0	0	0	0	0
9/25/2023 10:00	54505 ENOL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9/25/2023 10:00	12701 MACU_T1	1	1	0	1	1.2	0.2	0.13	0.15	0	0	0	0	0	0
9/25/2023 10:00	54701 NEBL_T1	0	3	3	0	0.13	0.13	0	0	1	1	0	600	600	0
9/25/2023 10:00	42401 GIMA_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9/25/2023 10:00	47101 MARL_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9/25/2023 10:00	42002 MNYL_T2	1	1	0	3.1	3.2	0.1	0	0	0	0	0	0	0	0
9/25/2023 10:00	52503 PROG_T2	0	0	0	0	0	0	-0.68	-0.67	1	1	0	900	900	0
9/25/2023 10:00	64801 MONE_T2	1	1	0	0.2	0.5	0.3	0.31	0.3	0	0	0	0	0	0
9/25/2023 10:00	23401 HONE_T2	0	0	0	0	0	0	-0.26	-0.21	0	0	0	0	0	0
9/25/2023 10:00	67603 WARW_T1	1	0	-1	2.7	0	-2.7	0	0	0	0	0	0	0	0
9/25/2023 10:00	58402 MORO_T1	0	0	0	0	0	0	-0.94	-0.98	2	2	0	1500	1500	0
9/25/2023 10:00	53903 HAU_T2	2	2	0	0.8	0.9	0.1	-0.14	-0.09	0	0	0	0	0	0
9/25/2023 10:00	43304 WATS_T2	0	0	0	0	0	0	-0.5	-0.52	0	0	0	0	0	0
9/25/2023 10:00	12604 MACA_T1	0	0	0	0	0	0	0.32	0.33	0	0	0	0	0	0
9/25/2023 10:01	53901 HAU_T2	0	1	1	0	0.2	0.2	0.05	0.07	0	0	0	0	0	0
9/25/2023 10:01	42902 MIDD_T2	0	0	0	0	0	0	-0.29	-0.26	1	1	0	600	600	0
9/25/2023 10:04	54206 PENN_T2	0	3	3	0	0.13	0.13	0.11	0.13	0	0	0	0	0	0
9/25/2023 10:06	12701 MACU_T1	1	1	0	1	1.2	0.2	0.13	0.15	0	0	0	0	0	0
9/25/2023 10:06	56802 BENV_T2	202	316	114	0.33	0.45	0.12	-1.38	-1.36	0	0	0	0	0	0
9/25/2023 10:06	58402 MORO_T1	0	0	0	0	0	0	-0.94	-0.98	2	2	0	1500	1500	0
9/25/2023 10:06	20403 ASHF_T2	0	0	0	0	0	0	1.05	1.16	0	0	0	0	0	0
9/25/2023 10:07	56802 BENV_T2	202	316	114	0.33	0.45	0.12	-1.38	-1.36	0	0	0	0	0	0
9/25/2023 10:07	26603 BROO_T1	0	0	0	0	0	0	0.39	0.33	0	0	0	0	0	0
9/25/2023 10:07	45902 AUBU_T1	0	0	0	0	0	0	-0.42	-0.39	1	1	0	600	600	0
9/25/2023 10:09	42902 MIDD_T2	0	0	0	0	0	0	-0.29	-0.26	1	1	0	600	600	0
9/25/2023 10:09	54206 PENN_T2	0	3	3	0	0.13	0.13	0	0	0	0	0	0	0	0
9/25/2023 10:09	26603 BROO_T1	0	0	0	0	0	0	0.39	0.33	0	0	0	0	0	0
9/25/2023 10:09	56802 BENV_T2	202	316	114	0.33	0.45	0.12	-1.38	-1.36	0	0	0	0	0	0
9/25/2023 10:09	45902 AUBU_T1	0	0	0	0	0	0	-0.42	-0.39	1	1	0	600	600	0
9/25/2023 10:10	20403 ASHF_T2	0	0	0	0	0	0	1.05	1.16	0	0	0	0	0	0
9/25/2023 10:10	60801 BUCK_T1	0	0	0	0	0	0	0.14	0.27	0	0	0	0	0	0
9/25/2023 10:10	40902 JESH_T1	0	4	4	0	0	0	0.24	-0.09	0	1	1	0	600	600
9/25/2023 10:10	67502 WEWI_T2	0	15	15	0	0	0	0	0	0	0	0	0	0	0
9/25/2023 10:10	44802 EDAN_T2	0	0	0	0	0	0	-4.08	-4.08	2	2	0	2400	2400	0
9/25/2023 10:10	56802 BENV_T2	202	316	114	0.33	0.45	0.12	-4.14	-4.08	0	0	0	0	0	0
9/25/2023 10:10	53501 EVIL_T2	1	1	0	0.4	0.3	-0.1	-0.98	-1.38	4	4	0	2400	2400	0
9/25/2023 10:11	15001 BLMO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9/25/2023 10:11	28403 HART_T2	0	0	0	0	0	0	-0.7	-0.69	1	1	0	900	900	0
9/25/2023 10:11	40902 JESH_T1	0	4	4	0	0	0	0.24	-0.09	0	1	1	0	600	600
9/25/2023 10:11	56802 BENV_T2	202	316	114	0.33	0.45	0.12	-1.38	-1.36	0	0	0	0	0	0
9/25/2023 10:12	45802 HEGI_T2	0	0	0	0	0	0	1.64	0.78	0	0	0	0	0	0
9/25/2023 10:12	46801 HEPB_T2	3	3	0	0.77	0.77	0	0	0	0	0	0	0	0	0
9/25/2023 10:12	53501 EVIL_T2	1	1	0	0.4	0.3	-0.1	-0.49	-0.69	2	2	0	1200	1200	0
9/25/2023 10:12	56802 BENV_T2	202	316	114	0.33	0.45	0.12	-1.38	-1.36	0	0	0	0	0	0
9/25/2023 10:12	10801 CHHI_T1	0	0	0	0	0	0	-0.74	-0.78	1	1	0	900	900	0
9/25/2023 10:12	56603 HAMP_T1	0	18	18	0	0.12	0.12	0	0	0	0	0	0	0	0
9/25/2023 10:12	44802 EDAN_T2	0	0	0	0	0	0	-2.04	-2.04	1	1	0	1200	1200	0
9/25/2023 10:14	66505 SMAN_T2	0	1	1	0	0.8	0.8	0	0	0	0	0	0	0	0
9/25/2023 10:15	64301 LINC_T1	0	0	0	0	0	0	0.14	0.12	1	1	0	600	600	0
9/25/2023 10:15	46803 HEPB_T2	1	1	0	0.2	0.1	-0.1	0	0	0	0	0	0	0	0
9/25/2023 10:16	47101 MARL_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9/25/2023 10:17	47101 MARL_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9/25/2023 10:17	40101 HUNT_T2	0	0	0	0	0	0	-0.46	-0.43	0	0	0	0	0	0
9/25/2023 10:17	43202 MVIL_T2	2	82	80	0.1	0.65	0.55	-0.59	-0.59	0	0	0	0	0	0
9/25/2023 10:18	17804 GILB_T2	0	0	0	0	0	0	-0.56	-0.57	0	0	0	0	0	0
9/25/2023 10:19	67203 TEHI_T1	7	8	1	0.37	0.73	0.36	1.97	2.01	2	2	0	1500	1500	0
9/25/2023 10:20	59101 WALK_T2	1	1	0	0	0	0	2.13	2.31	0	0	0	0	0	0
9/25/2023 10:20	43202 MVIL_T2	2	82	80	0.1	0.65	0.55	-0.59	-0.59	0	0	0	0	0	0
9/25/2023 10:21	59101 WALK_T2	1	1	0	0	0	0	2.13	2.31	0	0	0	0	0	0
9/25/2023 10:22	65902 SAKR_T2	0	0	0	0	0	0	0	0	1	1	0	900	900	0
9/25/2023 10:22	67502 WEWI_T2	0	0	0	0	0	0	-0.32	-0.26	0	0	0	0	0	0
9/25/2023 10:22	43304 WATS_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9/25/2023 10:23	56802 BENV_T2	297	361	64	0.45	0.49	0.04	-1.36	-1.37	0	0	0	0	0	0
9/25/2023 10:23	67502 WEWI_T2	0	0	0	0	0	0	-0.32	-0.26	0	0	0	0	0	0
9/25/2023 10:24	42902 MIDD_T2	0	0	0	0	0	0	-0.26	-0.23	1	1	0	600	600	0
9/25/2023 10:24	15001 BLMO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9/25/2023 10:24	67502 WEWI_T2	0	0	0	0	0	0	-0.32	-0.26	0	0	0	0	0	0
9/25/2023 10:25	56802 BENV_T2	297	361	64	0.45	0.49	0.04	-1.36	-1.37	0	0	0	0	0	0
9/25/2023 10:25	28604 BLYT_T2	0	0	0	0	0	0	-1.36	-1.36	0	0	0	0	0	0
9/25/2023 10:26	15001 BLMO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9/25/2023 10:26	28602 BLYT_T2	0	1	1	0	0.1	0.1	0	0	0	0	0	0	0	0
9/25/2023 10:26	46301 ROHR_T1	0	135	135	0	0.23	0.23	0	0	0	0	0	0	0	0
9/25/2023 10:27	15001 BLMO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9/25/2023 10:27	56802 BENV_T2	297	361	64	0.45	0.49	0.04	-1.36	-1.37	0	0	0	0	0	0
9/25/2023 10:27	12202 FOGE_T2	1	0	-1	0.1	0	-0.1	-0.58	-0.6	1	1	0	600	600	0
9/25/2023 10:27	61801 EELI_T2	2	2	0	1.1	1.1	0	-0.74	-0.68	1	1	0	600	600	0
9/25/2023 10:29	67201 TEHI_T1	0	0	0	0	0	0	0.3	0.34	2	2	0	1500	1500	0
9/25/2023 10:29	43402 BENT_T1	0	0	0	0	0	0	-0.64	-0.57	1	1	0	900	900	0
9/25/2023 10:31	12701 MACU_T1	1	1	0	5.3	0.9	-4.4	0.16	0.13	0	0	0	0	0	0

9/25/2023 10:55	29402 BELT_T1	1	1	0	0.2	0.1	-0.1	0	0	0	0	0	0	0
9/25/2023 10:55	60803 BUCK_T1	0	0	0	0	0	0	-0.9	-0.92	1	1	0	600	600	0
9/25/2023 10:56	29401 BELT_T1	136	135	-1	0.34	0.34	0	0	0	1	1	0	900	900	0
9/25/2023 10:56	44904 SCOT_T1	0	0	0	0	0	0	0.46	0.58	0	0	0	0	0	0
9/25/2023 10:57	28403 HART_T2	0	0	0	0	0	0	-0.69	-0.72	1	1	0	900	900	0
9/25/2023 10:58	40901 JESH_T1	0	1	1	0	0	0	0	0	0	0	0	0	0	0
9/25/2023 10:59	64801 MONE_T2	1	1	0	0.2	0.8	0.6	0.31	0.32	0	0	0	0	0	0
9/25/2023 11:00	52402 GRPA_T2	3	6	3	1.13	0.97	-0.16	0	0	0	0	0	0	0	0
9/25/2023 11:01	64305 LINC_T1	0	0	0	0	0	0	0.19	0.15	0	0	0	0	0	0
9/25/2023 11:01	40101 HUNT_T2	0	0	0	0	0	0	-0.41	-0.42	0	0	0	0	0	0
9/25/2023 11:01	59301 MCAL_T1	2	1	-1	0.1	0.1	0	-1.36	-1.34	1	1	0	600	600	0
9/25/2023 11:02	43202 MVIL_T2	82	68	-14	0.61	0.63	0.02	0	0	0	0	0	0	0	0
9/25/2023 11:05	55101 WERT_T1	0	0	0	0	0	0	-0.62	-0.57	2	2	0	1500	1500	0
9/25/2023 11:06	55101 WERT_T1	0	0	0	0	0	0	-1.24	-1.14	4	4	0	3000	3000	0
9/25/2023 11:08	55101 WERT_T1	0	0	0	0	0	0	-0.62	-0.57	2	2	0	1500	1500	0
9/25/2023 11:09	45202 DELA_T1	0	0	0	0	0	0	-1.01	-1.06	1	1	0	1200	1200	0
9/25/2023 11:09	56802 BENV_T2	438	569	131	0.28	0.36	0.08	-1.34	-1.39	0	0	0	0	0	0
9/25/2023 11:09	55101 WERT_T1	0	0	0	0	0	0	-0.62	-0.57	2	2	0	1500	1500	0
9/25/2023 11:10	55101 WERT_T1	0	0	0	0	0	0	-0.62	-0.57	2	2	0	1500	1500	0
9/25/2023 11:11	52402 GRPA_T2	3	6	3	1.13	0.97	-0.16	0	0	0	0	0	0	0	0
9/25/2023 11:11	41801 GOCI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9/25/2023 11:12	49803 UNIV_T1	0	0	0	0	0	0	-1.03	-0.97	0	0	0	0	0	0
9/25/2023 11:12	61303 EARL_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9/25/2023 11:16	60502 NMAN_T2	0	0	0	0	0	0	-0.01	-0.05	0	0	0	0	0	0
9/25/2023 11:16	47101 MARL_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9/25/2023 11:19	42203 SHEN_T2	0	0	0	0	0	0	0.06	0.15	0	0	0	0	0	0
9/25/2023 11:20	43301 WATS_T2	0	1	1	0	0.2	0.2	0.41	0.39	0	0	0	0	0	0
9/25/2023 11:20	43301 WATS_T2	0	1	1	0	0.2	0.2	0.41	0.39	0	0	0	0	0	0
9/25/2023 11:20	15601 NSTR_T2	3	3	0	0.53	0.5	-0.03	0	0	0	0	0	0	0	0
9/25/2023 11:20	59101 WALK_T2	1	1	0	0	0	0	2.16	2.25	0	0	0	0	0	0
9/25/2023 11:20	66504 SMAN_T2	0	0	0	0	0	0	-1.5	-1.51	1	1	0	1200	1200	0
9/25/2023 11:20	67503 WEWI_T2	0	0	0	0	0	0	-0.34	-0.34	0	0	0	0	0	0
9/25/2023 11:21	29402 BELT_T1	1	1	0	0.1	0.3	0.2	0	0	0	0	0	0	0	0
9/25/2023 11:22	10805 CHHI_T2	1	1	0	8.1	8.2	0.1	-0.86	-1.01	2	2	0	1800	1800	0
9/25/2023 11:22	60101 COCA_T1	0	0	0	0	0	0	0.41	0.4	0	0	0	0	0	0
9/25/2023 11:23	46001 BERW_T1	0	0	0	0	0	0	0.94	0.99	0	0	0	0	0	0
9/25/2023 11:23	13704 SCHN_T2	0	0	0	0	0	0	-0.26	-0.25	0	0	0	0	0	0
9/25/2023 11:23	60101 COCA_T1	0	0	0	0	0	0	0.41	0.4	0	0	0	0	0	0
9/25/2023 11:23	15001 BLMO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9/25/2023 11:23	67503 WEWI_T2	0	0	0	0	0	0	-0.34	-0.34	0	0	0	0	0	0
9/25/2023 11:24	15001 BLMO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9/25/2023 11:24	66703 STRA_T1	0	0	0	0	0	0	0.05	-0.03	0	0	0	0	0	0
9/25/2023 11:25	29402 BELT_T1	1	1	0	0.1	0.3	0.2	0	0	0	0	0	0	0	0
9/25/2023 11:26	15001 BLMO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9/25/2023 11:27	15001 BLMO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9/25/2023 11:27	60101 COCA_T1	0	0	0	0	0	0	0.41	0.4	0	0	0	0	0	0
9/25/2023 11:29	58402 MORO_T1	0	0	0	0	0	0	-2.08	-2.16	4	4	0	3000	3000	0
9/25/2023 11:32	42001 MNVL_T2	0	0	0	0	0	0	0.1	0.11	0	0	0	0	0	0
9/25/2023 11:33	65001 NEFF_T2	0	0	0	0	0	0	-0.24	-0.12	1	1	0	1200	1200	0
9/25/2023 11:34	42802 SELI_T1	0	0	0	0	0	0	-1.96	-1.94	0	0	0	0	0	0
9/25/2023 11:35	13704 SCHN_T2	0	0	0	0	0	0	-0.25	-0.26	0	0	0	0	0	0
9/25/2023 11:35	58402 MORO_T1	0	0	0	0	0	0	-1.04	-1.08	2	2	0	1500	1500	0
9/25/2023 11:35	42802 SELI_T1	0	0	0	0	0	0	-0.98	-0.97	0	0	0	0	0	0
9/25/2023 11:36	65902 SAKR_T2	0	0	0	0	0	0	0	0	2	1	-1	1200	900	-300
9/25/2023 11:38	42802 SELI_T1	0	0	0	0	0	0	-0.98	-0.97	0	0	0	0	0	0
9/25/2023 11:42	12202 FOGE_T2	0	1	1	0	0.4	0.4	-0.51	-0.5	1	1	0	600	600	0
9/25/2023 11:48	59301 MCAL_T1	0	3	3	0	0.53	0.53	-1.31	-1.37	1	1	0	600	600	0
9/25/2023 11:49	44905 SCOT_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9/25/2023 11:49	44904 SCOT_T1	0	0	0	0	0	0	0.49	0.56	0	0	0	0	0	0
9/25/2023 11:49	13704 SCHN_T2	0	1	1	0	0.2	0.2	-0.26	-0.25	0	0	0	0	0	0
9/25/2023 11:50	45202 DELA_T1	0	0	0	0	0	0	-1.05	-1.05	1	1	0	1200	1200	0
9/25/2023 11:51	65902 SAKR_T2	0	0	1	0	0	0	0	0	1	1	0	900	300	-600
9/25/2023 11:52	13704 SCHN_T2	0	1	1	0	0.2	0.2	-0.26	-0.25	0	0	0	0	0	0
9/25/2023 11:53	44905 SCOT_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9/25/2023 11:53	15001 BLMO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9/25/2023 11:54	60101 COCA_T1	0	0	0	0	0	0	0.4	0.41	0	0	0	0	0	0
9/25/2023 11:55	15001 BLMO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9/25/2023 11:56	15001 BLMO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9/25/2023 11:56	53601 DALM_T2	1	1	0	1.1	1.3	0.2	-0.64	-0.61	1	1	0	900	900	0
9/25/2023 11:57	56603 HAMP_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9/25/2023 12:04	59301 MCAL_T1	2	2	0	0.35	0.7	0.35	-1.37	-1.38	1	1	0	600	600	0
9/25/2023 12:04	13704 SCHN_T2	0	1	1	0	0.2	0.2	-0.25	-0.26	0	0	0	0	0	0
9/25/2023 12:06	13704 SCHN_T2	0	1	1	0	0.2	0.2	-0.25	-0.26	0	0	0	0	0	0
9/25/2023 12:08	44301 BEAV_T2	0	1	1	0	0	0	0	0	0	0	0	0	0	0
9/25/2023 12:09	58001 WCAR_T1	4	4	0	0.98	0.93	-0.05	0	0	0	0	0	0	0	0
9/25/2023 12:09	15001 BLMO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9/25/2023 12:10	60101 COCA_T1	0	0	0	0	0	0	0.41	0.39	0	0	0	0	0	0
9/25/2023 12:10	15001 BLMO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9/25/2023 12:11	15001 BLMO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9/25/2023 12:12	60101 COCA_T1	0	0	0	0	0	0	0.41	0.39	0	0	0	0	0	0
9/25/2023 12:12	15001 BLMO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9/25/2023 12:12	56603 HAMP_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9/25/2023 12:13	45003 LIME_2	1	1	0	2.2	1.7	1.5	0	0	1	1	0	1200	1200	0
9/25/2023 12:16	45003 LIME_2	206	201	-5	0.97	0.76	-0.21	0	0	0	0	0	0	0	0
9/25/2023 12:19	59301 MCAL_T1	2	2	0	0.5	0.7	0.2	-1.38	-1.39	1	1	0	600	600	0
9/25/2023 12:19	59202 THOM_T1	2	3	1	0.15	0.1	-0.05	0	0	0	0	0	0	0	0
9/25/2023 12:20	13704 SCHN_T2	1	1	0	0.2	0.2	0	-0.52	-0.5	0	0	0	0	0	0
9/25/2023 12:22	13704 SCHN_T2	1	1	0	0.2	0.2	0	-0.26	-0.25	0	0	0	0	0	0
9/25/2023 12:26	12202 FOGE_T2	2	1	-1	0.45	0.6	0.15	-0.45	-0.48	1	1	0	600	600	0
9/25/2023 12:29	59003 MIFF_T1	0	0	0	0	0	0	0.49	0.71	0	0	0	0	0	0
9/25/2023 12:33	59002 MIFF_T1	1	0	-1	0.2	0	-0.2	0	0	0	0	0	0	0	0
9/25/2023 12:35	42802 SELI_T1	0	0	0	0	0	0	-1.98	-1.86	0	0	0	0	0	0
9/25/2023 12:36	13704 SCHN_T2	1	0	-1	0.2	0	-0.2	-0.5	-0.58	0	0	0	0	0	0
9/25/2023 12:36	42802 SELI_T1	0	0	0	0	0	0	-0.99	-0.93	0	0	0	0	0	0
9/25/2023 12:37	42802 SELI_T1	0	0	0	0	0	0	-0.99	-0.93	0	0	0	0	0	0
9/25/2023 12:38	13704 SCHN_T2	1	0	-1	0.2	0	-0.2	-0.25	-0.29	0	0	0	0	0	0
9/25/2023 13:01	52403 GRPA_T2	0	1	1	0	0	0	0.06	0.09	0	0	0	0	0	0
9/25/2023 13:05	65902 SAKR_T2	0	0	0	0	0	0	0	0	1	1	0	900	900	0
9/25/2023 13:08	15001 BLMO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9/25/2023 13:09	15001 BLMO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9/25/2023 13:10	53601 DALM_T2	1	1	0	0.6	0.5	-0.1	-0.62	-0.59	1	1	0	900	900	0
9/25/2023 13:11	15001 BLMO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9/25/2023 13:12	15001 BLMO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9/25/2023 13:19	54701 NEBL_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9/25/2023 13:22	54701 NEBL_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9/25/2023 13:25	15001 BLMO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9/25/2023 13:26	60101 COCA_T1	0	0	0	0	0	0	0.4	0.45	0	0	0	0	0	0
9/25/2023 13:30	58401 MORO_T1	0	1499	1499	0	0	0	0	0	0	0	0	0	0	0
9/25/2023 13:31	52403 GRPA_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9/25/2023 13:31	58402 MORO_T1	0	1	1	0	0	0	-1.12	-1.09	2	2	0	1500	1500	0
9/25/2023 13:32	54701 NEBL_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9/25/2023 13:35	54701 NEBL_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9/25/2023 13:44	60803 BUCK_T1	0	1	1	0	0	0	-0.94	-0.91	1	1	0	600	600	0
9/25/2023 13:46	58402 MORO_T1	0	1	1	0	0	0	-1.09	-1.21	2	2	0	1500	1500	0
9/25/2023 13:47	52403 GRPA_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9/25/2023 13:48	54701 NEBL_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9/25/2023 13:49	44905 SCOT_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9/25/2023 13:49	44905 SCOT_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9/25/2023 13:49	59202 THOM_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9/25/2023 13:50	13704 SCHN_T2	0	0	0	0	0	0	-0.26	-0.29	0	0	0	0	0	0
9/25/2023 13:50	54701 NEBL_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9/25/2023 13:54	44905 SCOT_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9/25/2023 14:07	55101 WERT_T1	0	0	0	0	0	0	-2.93	-3.02	4	6	2	3000	4800	1800
9/25/2023 14:08	46001 BERW_T1	0	0	0	0	0	0	0.98	0.94	0	0	0	0	0	0
9/25/2023 14:09	55101 WERT_T1	0	0	0	0	0	0	-4.39	-4.54	6	9	3	4500	7200	2700
9/25/2023 14:10	55101 WERT_T1	0	0	0	0	0	0	-1.46	-1.51	2	3	1	1500	2400	900
9/25/2023 14:10	53501 EVIL_T2	1	1	0	0.6	0.4	-0.2	-0.49	-0.47	2	2	0	1200	1200	0
9/25/2023 14:11	46001 BERW_T1	0	0	0	0	0	0	0.98	0.94	0	0	0	0	0	0
9/25/2023 14:12	53501 EVIL_T2	1	1	0	0.6	0.4	-0.2	-0.49	-0.47	2	2	0	1200	1200	0
9/25/2023 14:13	53501 EVIL_T2	1	1	0	0.6	0.4	-0.2	-0.49	-0.47	2	2	0	1200	1200	0
9/25/2023 14:13	53601 DALM_T2	1	1	0	0.6	0.8	0.2	-0.59	-0.61	1	1	0	900	900	0
9/25/2023 14:15	42001 MNVL_T2	0	2	2	0	0.1	0.1	0.12	0.1	0	0	0	0	0	0
9/25/2023 14:15	63401 HONY_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9/25/2023 14:16	60801 BUCK_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9/25/2023 14:17	65001 NEFF_T2	0	0	0	0	0	0	-0.56	-0.38	1	1	0	1200	1200	0
9/25/2023 14:18	54701 NEBL_T1	7	6	-1	0.24	0.28	0.04	0	0	1	1	0	600	600	0
9/25/2023 14:18	46501 LOHA_T1	1	1	0	1	1.1	0.1	-0.61	-0.59	1	1	0	1200	1200	0
9/25/2023 14:18	13704 SCHN_T2	0	1	1	0	0.2	0.2	-0.27	-0.26	0	0	0	0	0	0
9/25/2023 14:19	46503 LOHA_T1	0	0	0	0	0	0	-0.61	-0.61	0	0	0	0	0	0
9/25/2023 14:21	45902 AUBU_T1	0	0	0	0	0	0	-0.67	-0.57	1	1	0	600	600	0
9/25/2023 14:21	13704 SCHN_T2	0	1	1	0	0.2	0.2	-0.27	-0.26	0	0	0	0	0	0
9/25/2023 14:21	42902 MIDD_T2	0	0	0	0	0	0	-0.62	-0.68	2	2	0	1200	1200	0
9/25/2023 14:22	46001 BERW_T1	0	0	0	0	0	0	0.94	0.97	0	0	0	0	0	0
9/25/2023 14:22	20403 ASHF_T2	0	0	0	0	0	0	1.03	0.92	0	0	0	0	0	0
9/25/2023 14:22	46503 LOHA_T1	0	0	0	0	0	0	-0.61	-0.61	0	0	0	0	0	0
9/25/2023 14:22	42902 MIDD_T2	0	0	0	0	0	0	-0.31	-0.34	1	1	0	600	600	0
9/25/2023 14:23	53601 DALM_T2	1	1	0	0.8	0.9	0.1	-0.61	-0.61	1	1	0	900	900	0
9/25/2023 14:23	46001 BERW_T1	0	0	0	0	0	0	0.94	0.97	0	0	0	0	0	0
9/25/2023 14:23	42903 MIDD_T2	0	2	2	0	1.25	1.25	0	0	0	0	0	0	0	0
9/25/2023 14:23	20403 ASHF_T2	0	0	0	0	0	0	1.03	0.92	0	0	0	0	0	0
9/25/2023 14:24	45902 AUBU_T1	0	0	0	0	0	0	-0.67	-0.57	1	1	0	600	600	0
9/25/2023 14:24	60101 COCA_T1	0	0	0	0	0	0	0.39	0.44	0	0	0	0	0	0
9/25/2023 14:25	49803 UNIV_T1	0	0	0	0	0	0	-1.02	-0.98	0	0	0	0	0	0
9/25/2023 14:25	46506 LOHA_T1	1	1	0	1.2	1.2	0	-0.38	-0.35	0	0	0	0	0	0
9/25/2023 14:25	53501 EVIL_T2	1	10	9	0.2	0.18	-0.02	-0.47	-0.66	2	2	0	1200	1200	0
9/25/2023 14:27	52402 GRPA_T2	4	5	1	1.1	1.2	0.1	0	0	0	0	0	0	0	0
9/25/2023 14:27	49803 UNIV_T1	0	0	0	0	0	0	-1.02	-0.98	0	0	0	0	0	0
9/25/2023 14:28	58402 MORO_T1	0	0	0	0	0	0	-1.12	-1.15	2	2	0	1500	1500	0
9/25/2023 14:28	53501 EVIL_T2	1	10	9	0.2	0.18	-0.02	-0.47	-0.66	2	2	0	1200	1200	0
9/25/2023 14:29	64301 LINC_T1	0	0	0	0	0	0	0.15	0.22	1	1	0	600	600	0
9/25/2023 14:29	58402 MORO_T1	0	0	0	0	0	0	-1.15	-1.14	2	2	0	1500	1500	0
9/25/2023 14:29	53501 EVIL_T2	1	10	9	0.2	0.18	-0.02	-0.66	-0.68	2	2	0	1200	1200	0
9/25/2023 14:30	52401 GRPA_T2	22	0	-22	0.11	0	-0.11	0	0	0	0	0	0	0	0
9/25/2023 14:31	52402 GRPA_T2	5	5	0	1.04	1.28	0.24	0	0	0	0	0	0	0	0
9/25/2023 14:31	64303 LINC_T1	0	0	0	0	0	0	-0.2	-0.22	0	0	0	0	0	0
9/25/2023 14:32	13105 NHAM_T2	0	0	0	0	0	0	-0.24	-0.27	1	1	0	1200	1200	0
9/25/2023 14:32	64305 LINC_T1	0	0	0	0	0	0	0.11	0.07	0	0	0	0	0	0
9/25/2023 14:32	66505 SMAN_T2	0	0	0	0	0	0	0.14	0.79	2	1	-1	1500	900	-600
9/25/2023 14:33	65003 NEFF_T2	3	3	0	0.1	0.13	0.03	0	0	0	0	0	0	0	0
9/25/2023 14:33	54701 NEBL_T1	5	6	1	0.18	0.3	0.12	0	0	1	1	0	600	600	0
9/25/2023 14:33	59402 RFLD_T2	0	0	0	0	0	0	-1.21	-1.16	1	1	0	450	450	0
9/25/2023 14:34	66505 SMAN_T2	0	0	0	0	0	0	0.14	0.79	2	1	-1	1500	900	-600
9/25/2023 14:34	66505 SMAN_T2	0	0	0	0	0	0	0.14	0.79	2	1	-1	1500	900	-600
9/25/2023 14:34	59402 RFLD_T2	0	0	0	0	0	0	-1.21	-1.16	1	1	0	450	450	0
9/25/2023 14:36	65902 SAKR_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9/25/2023 14:37	15001 BLMO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9/25/2023 14:37	45902 AUBU_T1	0	0	0	0	0	0	-0.57	-0.61	1	1	0	600	600	0
9/25/2023 14:37	56801 BENV_T1	48	46	-2	0.88	0.7	-0.18	-0.8	-0.8	1	1	0	600	600	0
9/25/2023 14:37	46001 BERW_T1	0	0	0	0	0	0	0.97	0.96	0	0	0	0	0	0
9/25/2023 14:38	20403 ASHF_T2	0	0	0	0	0	0	0.92	0.56	0	0	0	0	0	0
9/25/2023 14:38	60803 BUCK_T1

9/25/2023 14:59	64301 LINC_T1	0	0	0	0	0	0	0.18	0.03	1	1	0	600	600	0
9/25/2023 15:00	43402 BENT_T1	0	0	0	0	0	0	-0.6	-0.66	1	1	0	900	900	0
9/25/2023 15:02	64303 LINC_T1	0	0	0	0	0	0	-0.22	-0.2	0	0	0	0	0	0
9/25/2023 15:02	42002 MNVL_T2	1	1	0	2.6	2.5	-0.1	0	0	0	0	0	0	0	0
9/25/2023 15:03	64305 LINC_T1	0	0	0	0	0	0	0.19	0.08	0	0	0	0	0	0
9/25/2023 15:05	64801 MONE_T2	1	1	0	0.5	0.6	0.1	0	0	0	0	0	0	0	0
9/25/2023 15:05	65001 NEFF_T2	0	0	0	0	0	0	-0.5	-0.56	1	1	0	1200	1200	0
9/25/2023 15:07	24902 WHHA_T1	0	180	180	0	0.25	0.25	0	0	0	0	0	0	0	0
9/25/2023 15:08	67204 TEHI_T2	0	0	0	0	0	0	-0.05	-0.08	0	0	0	0	0	0
9/25/2023 15:09	42902 MIDD_T2	1	1	0	0.2	0	-0.2	-0.15	-0.19	1	1	0	600	600	0
9/25/2023 15:09	67204 TEHI_T2	0	0	0	0	0	0	-0.05	-0.08	0	0	0	0	0	0
9/25/2023 15:13	52401 GRPA_T2	0	45	45	0	0.15	0.15	0	0	0	0	0	0	0	0
9/25/2023 15:16	63404 HONY_T1	5	17	12	3.14	1.08	-2.06	0	0	0	0	0	0	0	0
9/25/2023 15:16	60801 BUCK_T1	0	2	2	0	0.1	0.1	-0.12	-0.11	0	0	0	0	0	0
9/25/2023 15:16	13501 MCMI_T1	0	0	0	0	0	0	0.26	0.25	0	0	0	0	0	0
9/25/2023 15:16	13503 MCMI_T2	0	0	0	0	0	0	-0.01	-0.01	0	0	0	0	0	0
9/25/2023 15:21	56801 BENV_T1	39	40	1	0.8	0.72	-0.08	-0.8	-0.77	1	1	0	600	600	0
9/25/2023 15:22	56803 BENV_T1	1	1	0	0.1	0	-0.1	0.39	0.36	0	0	0	0	0	0
9/25/2023 15:22	56803 BENV_T1	1	1	0	0.1	0	-0.1	0.39	0.36	0	0	0	0	0	0
9/25/2023 15:23	56801 BENV_T1	39	40	1	0.8	0.72	-0.08	-1.6	-1.54	2	2	0	1200	1200	0
9/25/2023 15:24	56801 BENV_T1	39	40	1	0.8	0.72	-0.08	-0.8	-0.77	1	1	0	600	600	0
9/25/2023 15:29	16402 MOPO_T1	0	0	0	0	0	0	0.67	0.73	0	0	0	0	0	0
9/25/2023 15:31	64101 REFR_T1	3	3	0	7.03	6.97	-0.06	-0.11	-0.09	0	0	0	0	0	0
9/25/2023 15:31	13704 SCHN_T2	4	1	-3	0.18	0.1	-0.08	-0.29	-0.31	0	0	0	0	0	0
9/25/2023 15:32	64101 REFR_T1	3	3	0	7.03	6.97	-0.06	-0.11	-0.09	0	0	0	0	0	0
9/25/2023 15:33	64101 REFR_T1	3	3	0	7.03	6.97	-0.06	-0.11	-0.09	0	0	0	0	0	0
9/25/2023 15:33	59101 WALK_T2	1	1	0	0	0	0	2.22	1.99	0	0	0	0	0	0
9/25/2023 15:33	16402 MOPO_T1	0	1	1	0	0	0	0.67	0.73	0	0	0	0	0	0
9/25/2023 15:33	65604 QVIL_T2	0	0	0	0	0	0	1.24	1.1	0	0	0	0	0	0
9/25/2023 15:33	59202 THOM_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9/25/2023 15:34	59101 WALK_T2	1	1	0	0	0	0	2.22	1.99	0	0	0	0	0	0
9/25/2023 15:34	64101 REFR_T1	3	3	0	7.03	6.97	-0.06	-0.11	-0.09	0	0	0	0	0	0
9/25/2023 15:34	13704 SCHN_T2	4	1	-3	0.18	0.1	-0.08	-0.29	-0.31	0	0	0	0	0	0
9/25/2023 15:35	64101 REFR_T1	3	3	0	7.03	6.97	-0.06	-0.11	-0.09	0	0	0	0	0	0
9/25/2023 15:36	24902 WHHA_T1	179	122	-57	0.25	0.19	-0.06	0.52	0.48	0	0	0	0	0	0
9/25/2023 15:36	64101 REFR_T1	3	3	0	7.03	6.97	-0.06	-0.11	-0.09	0	0	0	0	0	0
9/25/2023 15:38	59101 WALK_T2	1	1	0	0	0	0	4.44	3.98	0	0	0	0	0	0
9/25/2023 15:39	28601 BLYT_T2	0	1	1	0	0	0	0	0	0	0	0	0	0	0
9/25/2023 15:42	10805 CHHI_T2	1	1	0	8	7.8	-0.2	-0.77	-0.75	1	1	0	600	600	0
9/25/2023 15:47	64101 REFR_T1	3	3	0	6.7	7.07	0.37	-0.09	-0.1	0	0	0	0	0	0
9/25/2023 15:49	59202 THOM_T1	0	1	1	0	0.1	0.1	0	0	0	0	0	0	0	0
9/25/2023 15:57	45003 LIME_2	2	3	1	2.5	2.45	-0.05	0	0	1	1	0	1200	1200	0
9/25/2023 16:00	45003 LIME_2	2	3	1	2.35	2.45	0.1	0	0	1	1	0	1200	1200	0
9/25/2023 16:02	42803 SELI_T1	0	1	1	0	0	0	0	0	0	0	0	0	0	0
9/25/2023 16:05	42802 SELI_T1	0	0	0	0	0	0	-0.96	-0.89	0	0	0	0	0	0
9/25/2023 16:06	42803 SELI_T1	0	1	1	0	0	0	0	0	0	0	0	0	0	0
9/25/2023 16:07	42802 SELI_T1	0	0	0	0	0	0	-0.96	-0.89	0	0	0	0	0	0
9/25/2023 16:07	58302 NOTT_T1	0	0	0	0	0	0	1.06	0.96	0	0	0	0	0	0
9/25/2023 16:21	49803 UNIV_T1	0	0	0	0	0	0	-1.02	-1.14	0	0	0	0	0	0
9/25/2023 16:29	40101 HUNT_T2	0	0	0	0	0	0	-0.55	-0.52	0	0	0	0	0	0
9/25/2023 16:30	23401 HONE_T2	0	0	0	0	0	0	-0.27	-0.23	0	0	0	0	0	0
9/25/2023 16:32	48302 ORWI_T2	2	2	0	1.15	1.1	-0.05	0.05	0.02	0	0	0	0	0	0
9/25/2023 16:51	49803 UNIV_T1	0	0	0	0	0	0	-1.1	-1.14	0	0	0	0	0	0
9/25/2023 16:52	59201 THOM_T1	4	10	6	0.15	0.17	0.02	0	0	0	0	0	0	0	0
9/25/2023 16:56	40101 HUNT_T2	0	0	0	0	0	0	-0.52	-0.54	0	0	0	0	0	0
9/25/2023 17:22	43001 ALWD_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9/25/2023 18:57	62607 ENGL_T1	32	20	-12	0.12	0.1	-0.02	0	0	0	0	0	0	0	0
9/25/2023 19:36	46302 ROHR_T1	4	4	0	2.23	1.98	-0.25	0	0	0	0	0	0	0	0
9/25/2023 19:44	56802 BENV_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9/25/2023 19:46	42401 GIMA_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9/25/2023 19:48	56802 BENV_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9/25/2023 19:48	46302 ROHR_T1	4	4	0	1.83	2.23	0.4	0	0	0	0	0	0	0	0
9/25/2023 19:50	45802 HEGI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9/25/2023 19:51	63401 HONY_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9/25/2023 19:52	47101 MARL_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9/25/2023 19:54	60801 BUCK_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9/25/2023 19:55	43301 WATS_T2	0	1	1	0	0.1	0.1	0	0	0	0	0	0	0	0
9/25/2023 19:56	59402 RFLD_T2	66	76	10	0.48	0.56	0.08	-1.25	-1.25	1	1	0	450	450	0
9/25/2023 19:56	65902 SAKR_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9/25/2023 19:57	54701 NEBL_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9/25/2023 19:59	52403 GRPA_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9/25/2023 20:01	54701 NEBL_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9/25/2023 20:08	54204 PENN_T2	3	3	0	0.6	0.63	0.03	0	0	0	0	0	0	0	0
9/25/2023 20:11	56802 BENV_T2	251	284	33	0.34	0.27	-0.07	-1.32	-1.34	0	0	0	0	0	0
9/25/2023 20:12	56802 BENV_T2	251	284	33	0.34	0.27	-0.07	-1.32	-1.34	0	0	0	0	0	0
9/25/2023 20:15	46801 HEPB_T2	2	2	0	0.65	0.65	0	0	0	0	0	0	0	0	0
9/25/2023 20:15	56802 BENV_T2	227	378	151	0.28	0.34	0.06	-1.34	-1.32	0	0	0	0	0	0
9/25/2023 20:17	56802 BENV_T2	227	378	151	0.28	0.34	0.06	-1.34	-1.32	0	0	0	0	0	0
9/25/2023 20:22	17805 GILB_T2	0	5	5	0	0.14	0.14	-0.09	-0.1	0	0	0	0	0	0
9/25/2023 20:24	17805 GILB_T2	0	5	5	0	0.14	0.14	-0.09	-0.1	0	0	0	0	0	0
9/25/2023 20:27	15603 NSTR_T2	3	1	-2	0.13	0.1	-0.03	-0.57	-0.55	0	0	0	0	0	0
9/25/2023 20:28	16402 MOPO_T1	0	0	0	0	0	0	0.77	0.72	0	0	0	0	0	0
9/25/2023 20:29	10805 CHHI_T2	1	1	0	7.9	7.8	-0.1	-0.83	-0.89	1	1	0	600	600	0
9/25/2023 20:30	54701 NEBL_T1	7	7	0	0.56	0.84	0.28	0	0	1	1	0	600	600	0
9/25/2023 20:31	13501 MCMI_T1	0	0	0	0	0	0	0.29	0.27	0	0	0	0	0	0
9/25/2023 20:32	12701 MACU_T1	0	1	1	0	0	0	0.06	0.06	0	0	0	0	0	0
9/25/2023 20:33	16402 MOPO_T1	0	0	0	0	0	0	0.72	0.69	0	0	0	0	0	0
9/25/2023 20:34	44801 EDAN_T2	1	1	0	0.9	1	0.1	0	0	0	0	0	0	0	0
9/25/2023 20:35	61304 EARL_T1	0	6	6	0	0.13	0.13	0	0	0	0	0	0	0	0
9/25/2023 20:35	42201 SHEN_T2	0	0	0	0	0	0	0.42	0.41	0	0	0	0	0	0
9/25/2023 20:35	46301 ROHR_T1	45	54	9	0.14	0.16	0.02	0.21	0.21	0	0	0	0	0	0
9/25/2023 20:36	56802 BENV_T2	257	547	290	0.27	0.4	0.13	-1.32	-1.35	0	0	0	0	0	0
9/25/2023 20:36	43402 BENT_T1	0	0	0	0	0	0	-0.95	-0.95	1	1	0	900	900	0
9/25/2023 20:37	46301 ROHR_T1	45	54	9	0.14	0.16	0.02	0.21	0.21	0	0	0	0	0	0
9/25/2023 20:37	45902 AUBU_T1	0	0	0	0	0	0	-0.91	-0.89	1	1	0	600	600	0
9/25/2023 20:37	44904 SCOT_T1	0	0	0	0	0	0	0.44	0.53	0	0	0	0	0	0
9/25/2023 20:38	44905 SCOT_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9/25/2023 20:38	49803 UNIV_T1	0	0	0	0	0	0	-1.14	-1.17	0	0	0	0	0	0
9/25/2023 20:39	23401 HONE_T2	0	0	0	0	0	0	-0.24	-0.24	0	0	0	0	0	0
9/25/2023 20:40	53501 EVIL_T2	3	4	1	0.1	0.15	0.05	-0.77	-0.79	1	1	0	600	600	0
9/25/2023 20:41	28403 HART_T2	0	0	0	0	0	0	-0.61	-0.62	1	1	0	900	900	0
9/25/2023 20:41	60801 BUCK_T1	10	22	12	0.13	0.17	0.04	0	0	0	0	0	0	0	0
9/25/2023 20:41	46001 BERW_T1	0	0	0	0	0	0	0.8	0.78	0	0	0	0	0	0
9/25/2023 20:41	46302 ROHR_T1	5	5	0	1.56	2.04	0.48	0.17	0.16	0	0	0	0	0	0
9/25/2023 20:41	13503 MCMI_T2	0	0	0	0	0	0	-0.01	-0.01	0	0	0	0	0	0
9/25/2023 20:41	61304 EARL_T1	0	6	6	0	0.13	0.13	0	0	0	0	0	0	0	0
9/25/2023 20:41	12701 MACU_T1	0	1	1	0	0	0	0.06	0.06	0	0	0	0	0	0
9/25/2023 20:41	10801 CHHI_T1	0	0	0	0	0	0	-0.92	-0.93	1	1	0	900	900	0
9/25/2023 20:41	42903 MIDD_T2	2	2	0	2.2	2.2	0	0	0	0	0	0	0	0	0
9/25/2023 20:41	53501 EVIL_T2	3	4	1	0.1	0.15	0.05	-0.77	-0.79	1	1	0	600	600	0
9/25/2023 20:41	45901 AUBU_T1	0	0	0	0	0	0	2.02	1.96	0	0	0	0	0	0
9/25/2023 20:42	62604 ENGL_T1	0	0	0	0	0	0	-0.84	-0.92	0	0	0	0	0	0
9/25/2023 20:42	65604 QVIL_T2	0	0	0	0	0	0	0.28	0.29	0	0	0	0	0	0
9/25/2023 20:42	46501 LOHA_T1	0	0	0	0	0	0	0.59	0.54	0	0	0	0	0	0
9/25/2023 20:42	47101 MARL_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9/25/2023 20:43	67503 WEWI_T2	0	0	0	0	0	0	-0.36	-0.37	0	0	0	0	0	0
9/25/2023 20:43	29402 BELT_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9/25/2023 20:43	43202 MVIL_T2	77	108	31	0.77	0.74	-0.03	-0.73	-0.74	0	0	0	0	0	0
9/25/2023 20:44	42902 MIDD_T2	48	69	21	0.31	0.32	0.01	-0.5	-0.48	0	0	0	0	0	0
9/25/2023 20:44	42802 SELI_T1	3	7	4	0.1	0.16	0.06	-1.32	-1.26	0	0	0	0	0	0
9/25/2023 20:44	44905 SCOT_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9/25/2023 20:45	67503 WEWI_T2	0	0	0	0	0	0	-0.37	-0.36	0	0	0	0	0	0
9/25/2023 20:45	44801 EDAN_T2	1	1	0	1	1.2	0.2	0	0	0	0	0	0	0	0
9/25/2023 20:45	42903 MIDD_T2	2	2	0	2.2	2.15	-0.05	0	0	0	0	0	0	0	0
9/25/2023 20:45	66505 SMAN_T2	3	3	0	0.2	0.4	0.2	0.04	0.03	1	1	0	900	900	0
9/25/2023 20:45	67502 WEWI_T2	168	371	203	0.2	0.25	0.05	-1.49	-1.47	1	1	0	900	900	0
9/25/2023 20:45	40101 HUNT_T2	0	0	0	0	0	0	-0.62	-0.61	0	0	0	0	0	0
9/25/2023 20:45	26603 BROO_T1	0	0	0	0	0	0	0.29	0.28	0	0	0	0	0	0
9/25/2023 20:46	46301 ROHR_T1	33	83	50	0.12	0.17	0.05	0	0	0	0	0	0	0	0
9/25/2023 20:46	40903 JESH_T1	4	48	44	0.13	0.14	0.01	0	0	0	0	0	0	0	0
9/25/2023 20:46	56801 BENV_T1	41	35	-6	0.47	0.71	0.24	-0.77	-0.76	1	1	0	600	600	0
9/25/2023 20:46	42201 SHEN_T2	0	0	0	0	0	0	0.82	0.86	0	0	0	0	0	0
9/25/2023 20:46	12202 FOGE_T2	0	0	0	0	0	0	-0.58	-0.58	1	1	0	600	600	0
9/25/2023 20:46	12701 MACU_T1	0	1	1	0	0.4	0.4	0.06	0.07	0	0	0	0	0	0
9/25/2023 20:46	53601 DALM_T2	1	1	0	1	1	0	0.07	-0.08	0	0	0	0	0	0
9/25/2023 20:46	45902 AUBU_T1	0	0	0	0	0	0	-0.89	-0.94	1	1	0	600	600	0
9/25/2023 20:46	10805 CHHI_T2	1	1	0	8.1	7.9	-0.2	-0.89	-0.87	1	1	0	600	600	0
9/25/2023 20:46	45202 DELA_T1	0	0	0	0	0	0	0.13	0.12	0	0	0	0	0	0
9/25/2023 20:46	42201 SHEN_T2	0	0	0	0	0	0	0.82	0.86	0	0	0	0	0	0
9/25/2023 20:46	20403 ASHF_T2	0	0	0	0	0	0	0.18	0.16	0	0	0	0	0	0
9/25/2023 20:47	58402 MORO_T1	0	0	0	0	0	0	-0.21	-0.16	1	1	0	600	600	0
9/25/2023 20:47	56801 BENV_T1	41	35	-6	0.47	0.71	0.24	-0.77	-0.76	1	1	0	600	600	0
9/25/2023 20:47	48302 ORWI_T2	2	2	0	1.35	1.5	0.15	-0.07	-0.08	0	0	0	0	0	0
9/25/2023 20:47	56801 BENV_T1	41	35	-6	0.47	0.71	0.24	-0.77	-0.76	1	1	0	600	600	0
9/25/2023 20:47	26603 BROO_T1	0	0	0	0	0	0	0.29	0.28	0	0	0	0	0	0
9/25/2023 20:47	15001 BLMO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9/25/2023 20:47	55101 WERT_T1	0	0	0	0	0	0	-0.7	-0.69	1	1	0	900	900	0
9/25/2023 20:47	56802 BENV_T2	371	576	205	0.34	0.45	0.11	-1.35	-1.36	0	0	0	0	0	0
9/25/2023 20:48	41801 GOCI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9/25/2023 20:48	56503 ROCK_T2	69	209	140	0.21	0.26	0.05	0	0	0	0	0	0	0	0
9/25/2023 20:48	44302 BEAV_T2	88	66	-22	0.3	0.18	-0.12	0.25	0.26	0	0	0	0	0	0
9/25/2023 20:48	45802 HEGI_T2	0	1	1	0	0	0	1.28	1.23	0	0	0	0	0	0
9/25/2023 20:48	64301 LINC_T1	0	0	0	0	0	0	0.26	0.24	0	0	0	0	0	0
9/25/2023 20:49	60801 BUCK_T1	21	40	19	0.17	0.2	0.03	-0.2	-0.18	0	0	0	0	0	0
9/25/2023 20:49	47101 MARL_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9/25/2023 20:49	42002 MNVL_T2	1	2	1	1.1	0.5	-0.6	0	0	0	0	0	0	0	0
9/25/2023 20:49	56803 BENV_T1	3	0	-3	0.17	0	-0.17	0	0	0	0	0	0	0	0
9/25/2023 20:49	43202 MVIL_T2	76	114	38	0.61	0.78	0.17	0	0	0	0	0	0	0	0
9/25/2023 20:49	60101 COCA_T1	0	0	0	0	0	0	0.24	0.23	0	0	0	0	0	0
9/25/2023 20:49	65604 QVIL_T2	0	0	0	0	0	0	0.29	0.3	0	0	0	0	0	0
9/25/2023 20:49	67502 WEWI_T2	168	371	203	0.2	0.25	0.05	-1.49	-1.47	1	1	0	900	900	0
9/25/2023 20:50	29401 BELT_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9/25/2023 20:50	54204 PENN_T2	3	4	1	0.63	0.55	-0.08	0	0	0	0	0	0	0	0
9/25/2023 20:50	15001 BLMO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9/25/2023 20:50	62604 ENGL_T1	0	0	0	0	0	0	-0.92	-0.99	0	0	0	0	0	0
9/25/2023 20:50	67502 WEWI_T2	168	371	203	0.2	0.25	0.05	0	0	0	0	0	0	0	0
9/25/2023 20:50	63401 HONY_T1	0	0	0	0	0	0	0.63	0.63	0	0	0	0	0	0
9/25/2023 20:50	13704 SCHN_T2	0	0	0	0	0	0	-0.37	-0.4	0	0	0	0	0	0
9/25/2023 20:50	28403 HART_T2	0	0	0	0	0	0	-0.62	-0.62	1	1	0	900	900	0
9/25/2023 20:50	56802 BENV_T2	371	576	205	0.34	0.45	0.11	-1.35	-1.36	0	0	0	0	0	0
9/25/2023 20:51	65001 NEFF_T2	15	19	4	0.11	0.15	0.04	-0.81	-0.75	1	1	0	1200	1200	0
9/25/2023 20:51	56802 BENV_T2	371	576	205	0.34	0.45	0.11	-2.7	-2.72	0	0	0	0	0	0
9/25/2023 20:51	56801 BENV_T1	41	35	-6	0.47	0.71	0.24	-0.77	-0.76	1	1	0	600	600	0
9/25/2023 20:51	28604 BLYT_T2	0	0	0	0	0	0	-1.31	-1.32	0	0	0	0	0	0
9/25/2023 20:51	59402 RFLD_T2	108	161	53	0.55	0.56	0.01	-1.27	-1.29	1	1	0	450	450	0
9/25/2023 20:51	58402 MORO_T1	0	0	0	0	0	0	-0.21	-0.16	1	1	0	600	600	0
9/25/2023 20:51	42802 SELI_T1	4	6	2	0.18	0.17	-0.01	-1.32	-1.26	0	0	0	0	0	0
9/25/2023 20:51	64101 REFR_T1	3	4	1	7.37	7.77	0.4	-0.09	-0.13	0	0	0	0	0	0
9/25/2023 20:51	41901 REED_T1	11	11	0

Appendix C - Grid Benefits Achieved in Each Instance of Active Management

9/25/2023 20:58	46506 LOHA_T1	0	1	1	0	0.5	0.5	-0.44	-0.43	0	0	0	0	0	0
9/25/2023 20:58	64101 REFR_T1	3	4	1	7.37	7.77	0.4	-0.09	-0.13	0	0	0	0	0	0
9/25/2023 20:58	59102 WALK_T2	0	2	2	0	0.1	0.1	0	0	0	0	0	0	0	0
9/25/2023 20:59	15001 BLMO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9/25/2023 20:59	55101 WERT_T1	0	0	0	0	0	0	-0.69	-0.77	1	1	0	900	900	0
9/25/2023 21:02	59402 RFLD_T2	124	184	60	0.57	0.55	-0.02	-1.29	-1.29	1	1	0	450	450	0
9/25/2023 21:20	43402 BENT_T1	0	0	0	0	0	0	-0.94	-0.95	1	1	0	900	900	0
9/25/2023 21:29	43402 BENT_T1	0	0	0	0	0	0	-0.94	-0.95	1	1	0	900	900	0
9/25/2023 22:20	43402 BENT_T1	0	0	0	0	0	0	-0.94	-0.96	1	1	0	900	900	0
9/25/2023 22:29	43402 BENT_T1	0	0	0	0	0	0	-0.94	-0.96	1	1	0	900	900	0
9/25/2023 23:04	52401 GRPA_T2	0	1	1	0	0.3	0.3	0	0	0	0	0	0	0	0
9/25/2023 23:20	43402 BENT_T1	0	0	0	0	0	0	-0.95	-0.97	1	1	0	900	900	0
9/25/2023 23:29	43402 BENT_T1	0	0	0	0	0	0	-0.95	-0.97	1	1	0	900	900	0
9/26/2023 0:20	43402 BENT_T1	1	0	-1	1.8	0	-1.8	-0.97	-0.96	1	1	0	900	900	0
9/26/2023 0:28	15001 BLMO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9/26/2023 0:28	46001 BERW_T1	0	0	0	0	0	0	0.59	0.58	0	0	0	0	0	0
9/26/2023 0:28	46506 LOHA_T1	1	7	6	1.1	0.3	-0.8	0	0	0	0	0	0	0	0
9/26/2023 0:28	17804 GILB_T2	0	0	0	0	0	0	-0.6	-0.61	0	0	0	0	0	0
9/26/2023 0:28	64305 LINC_T1	0	1	1	0	0.1	0.1	-0.71	-0.7	0	0	0	0	0	0
9/26/2023 0:28	67203 TEHI_T1	1	1	0	0	0	0	2.18	2.22	2	2	0	1500	1500	0
9/26/2023 0:28	60501 NMAN_T2	3	3	0	4.5	4.73	0.23	0	0	0	0	0	0	0	0
9/26/2023 0:28	42901 MIDD_T2	501	543	42	0.64	0.72	0.08	0	0	0	0	0	0	0	0
9/26/2023 0:28	56503 ROCK_T2	169	59	-110	0.21	0.13	-0.08	0	0	0	0	0	0	0	0
9/26/2023 0:28	42201 SHEN_T2	0	0	0	0	0	0	0.33	0.34	0	0	0	0	0	0
9/26/2023 0:28	49803 UNIV_T1	0	1	1	0	0.2	0.2	-1.39	-1.37	0	0	0	0	0	0
9/26/2023 0:28	24902 WHHA_T1	0	0	0	0	0	0	0.36	0.38	0	0	0	0	0	0
9/26/2023 0:28	43202 MVIL_T2	1	19	18	0.1	0.14	0.04	-0.76	-0.77	0	0	0	0	0	0
9/26/2023 0:28	28604 BLYT_T2	0	0	0	0	0	0	-1.44	-1.44	0	0	0	0	0	0
9/26/2023 0:28	29401 BELT_T1	0	0	0	0	0	0	0	0	1	1	0	900	900	0
9/26/2023 0:28	12701 MACU_T1	1	1	0	2	0.2	-1.8	0	-0.01	0	0	0	0	0	0
9/26/2023 0:28	40901 JESH_T1	46	93	47	0.25	0.34	0.09	0	0	0	0	0	0	0	0
9/26/2023 0:28	56801 BENV_T1	25	35	10	1.01	1	-0.01	-1.84	-1.9	2	2	0	1200	1200	0
9/26/2023 0:28	43304 WATS_T2	0	0	0	0	0	0	-0.68	-0.7	0	0	0	0	0	0
9/26/2023 0:28	43001 ALWD_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9/26/2023 0:28	46506 LOHA_T1	1	7	6	1.1	0.3	-0.8	0	0	0	0	0	0	0	0
9/26/2023 0:28	55101 WERT_T1	0	0	0	0	0	0	-0.92	-1.55	2	2	0	1500	1500	0
9/26/2023 0:28	64101 REFR_T1	3	3	0	9.3	9.73	0.43	-0.01	-0.01	0	0	0	0	0	0
9/26/2023 0:28	43402 BENT_T1	1	0	-1	1.8	0	-1.8	-0.97	-0.96	1	1	0	900	900	0
9/26/2023 0:28	60801 BUCK_T1	0	0	0	0	0	0	-0.25	-0.26	0	0	0	0	0	0
9/26/2023 0:28	45902 AUBU_T1	0	0	0	0	0	0	-1	-1.04	1	1	0	600	600	0
9/26/2023 0:28	67201 TEHI_T1	0	0	0	0	0	0	0.17	0.07	0	0	0	0	0	0
9/26/2023 0:28	40101 HUNT_T2	1	4	3	0.2	0.23	0.03	-0.7	-0.71	0	0	0	0	0	0
9/26/2023 0:28	45001 LIME_2	37	42	5	0.51	0.61	0.1	0	0	0	0	0	0	0	0
9/26/2023 0:28	66504 SMAN_T2	0	0	0	0	0	0	-0.62	-0.61	0	0	0	0	0	0
9/26/2023 0:28	60801 BUCK_T1	0	0	0	0	0	0	-0.25	-0.26	0	0	0	0	0	0
9/26/2023 0:28	47101 MARL_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9/26/2023 0:28	13105 NHAM_T2	0	0	0	0	0	0	-0.37	-0.38	1	1	0	1200	1200	0
9/26/2023 0:28	29402 BELT_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9/26/2023 0:28	42802 SELU_T1	4	0	-4	0.1	0	-0.1	-0.11	-0.1	0	0	0	0	0	0
9/26/2023 0:28	43304 WATS_T2	0	0	0	0	0	0	-0.68	-0.7	0	0	0	0	0	0
9/26/2023 0:28	56802 BENV_T2	1	2	1	0.8	0.55	-0.25	-4.53	-4.53	0	0	0	0	0	0
9/26/2023 0:28	41801 GOCI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9/26/2023 0:29	43402 BENT_T1	1	0	-1	1.8	0	-1.8	-0.97	-0.96	1	1	0	900	900	0
9/26/2023 0:35	59202 THOM_T1	0	1	1	0	0	0	0	0	0	0	0	0	0	0
9/26/2023 1:20	43402 BENT_T1	0	0	0	0	0	0	-0.97	-0.97	1	1	0	900	900	0
9/26/2023 1:29	43402 BENT_T1	0	0	0	0	0	0	-0.97	-0.97	1	1	0	900	900	0
9/26/2023 2:20	43402 BENT_T1	0	0	0	0	0	0	-0.99	-0.99	1	1	0	900	900	0
9/26/2023 2:29	43402 BENT_T1	0	0	0	0	0	0	-0.99	-0.99	1	1	0	900	900	0
9/26/2023 2:46	13503 MCMI_T2	0	0	0	0	0	0	-0.01	-0.01	0	0	0	0	0	0
9/26/2023 2:51	64101 REFR_T1	3	3	0	9.6	9.63	0.03	-0.01	-0.01	0	0	0	0	0	0
9/26/2023 3:00	43402 BENT_T1	0	0	0	0	0	0	-0.99	-0.99	1	1	0	900	900	0
9/26/2023 7:16	15001 BLMO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9/26/2023 7:17	15001 BLMO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9/26/2023 7:17	54701 NEBL_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9/26/2023 7:54	43402 BENT_T1	0	0	0	0	0	0	-0.74	-0.74	1	1	0	900	900	0
9/26/2023 8:07	56802 BENV_T2	7	205	198	0.23	0.37	0.14	-1.57	-1.44	0	0	0	0	0	0
9/26/2023 8:08	43001 ALWD_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9/26/2023 8:08	56802 BENV_T2	7	205	198	0.23	0.37	0.14	-1.57	-1.44	0	0	0	0	0	0
9/26/2023 8:10	56802 BENV_T2	7	205	198	0.23	0.37	0.14	-1.57	-1.44	0	0	0	0	0	0
9/26/2023 8:13	46803 HEPB_T2	0	1	1	0	0.1	0.1	0	0	0	0	0	0	0	0
9/26/2023 8:19	58402 MORO_T1	0	0	0	0	0	0	-1.31	-0.99	3	2	-1	2400	1500	-900
9/26/2023 8:20	58402 MORO_T1	0	0	0	0	0	0	-1.31	-0.99	3	2	-1	2400	1500	-900
9/26/2023 8:43	53601 DALM_T2	1	1	0	0.2	0.5	0.3	0.09	0.04	0	0	0	0	0	0
9/26/2023 8:43	40101 HUNT_T2	0	0	0	0	0	0	-0.62	-0.6	0	0	0	0	0	0
9/26/2023 8:45	42902 MIDD_T2	0	0	0	0	0	0	-0.42	-0.49	1	1	0	600	600	0
9/26/2023 8:48	47101 MARL_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9/26/2023 8:48	42902 MIDD_T2	0	0	0	0	0	0	-0.42	-0.49	1	1	0	600	600	0
9/26/2023 8:53	28801 LAKE_T1	534	242	-292	0.45	0.45	0	0	0	0	0	0	0	0	0
9/26/2023 8:55	28805 LAKE_T1	21	0	-21	0.5	0	-0.5	-0.55	0	0	0	0	0	0	0
9/26/2023 8:56	56802 BENV_T2	82	221	139	0.17	0.43	0.26	-1.48	-1.46	0	0	0	0	0	0
9/26/2023 8:57	13905 SEID_T1	0	1	1	0	0	0	0	0	0	0	0	0	0	0
9/26/2023 8:58	13905 SEID_T1	0	1	1	0	0	0	0	0	0	0	0	0	0	0
9/26/2023 9:05	59101 WALK_T2	1	1	0	0	0	0	1.41	1.41	0	0	0	0	0	0
9/26/2023 9:12	56802 BENV_T2	200	220	20	0.39	0.43	0.04	-2.92	-2.86	0	0	0	0	0	0
9/26/2023 9:13	23301 JEFF_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9/26/2023 9:28	43402 BENT_T1	0	0	0	0	0	0	-0.71	-0.64	1	2	1	900	1500	600
9/26/2023 9:29	43402 BENT_T1	0	0	0	0	0	0	-0.71	-0.64	1	2	1	900	1500	600
9/26/2023 9:30	59302 MCAL_T1	1	0	-1	0.2	0	-0.2	0	0	0	0	0	0	0	0
9/26/2023 9:31	53903 HAU_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9/26/2023 9:32	13503 MCMI_T2	0	0	0	0	0	0	-0.01	-0.01	0	0	0	0	0	0
9/26/2023 9:33	43202 MVIL_T2	35	11	-24	0.14	0.15	0.01	-0.61	-0.59	0	0	0	0	0	0
9/26/2023 9:34	42201 SHEN_T2	0	0	0	0	0	0	0.44	0.46	0	0	0	0	0	0
9/26/2023 9:34	58402 MORO_T1	0	0	0	0	0	0	-1.01	-0.98	2	2	0	1500	1500	0
9/26/2023 9:34	43202 MVIL_T2	35	11	-24	0.14	0.15	0.01	-0.61	-0.59	0	0	0	0	0	0
9/26/2023 9:36	13704 SCHN_T2	4	4	0	0.1	0.1	0	-0.33	-0.34	0	0	0	0	0	0
9/26/2023 9:36	29401 BELT_T1	156	160	4	0.45	0.49	0.04	0	0	0	0	0	0	0	0
9/26/2023 9:37	26601 BROO_T1	0	2	2	0	0.1	0.1	0	0	0	0	0	0	0	0
9/26/2023 9:37	67503 WEWI_T2	0	0	0	0	0	0	-0.29	-0.31	0	0	0	0	0	0
9/26/2023 9:38	49803 UNIV_T1	0	0	0	0	0	0	0.29	0.29	0	0	0	0	0	0
9/26/2023 9:39	26601 BROO_T1	0	2	2	0	0.1	0.1	0	0	0	0	0	0	0	0
9/26/2023 9:46	47101 MARL_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9/26/2023 9:47	47101 MARL_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9/26/2023 9:49	47101 MARL_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9/26/2023 9:49	41901 REED_T1	4	4	0	0.25	0.28	0.03	-1.19	-1.18	1	1	0	900	900	0
9/26/2023 9:51	67502 WEWI_T2	0	41	41	0	0.15	0.15	-0.33	-0.29	0	0	0	0	0	0
9/26/2023 9:51	10801 CHHI_T1	0	0	0	0	0	0	-0.85	-0.87	1	1	0	900	900	0
9/26/2023 9:53	20403 ASHF_T2	0	2	2	0	0	0	0.9	0.89	0	0	0	0	0	0
9/26/2023 9:54	15001 BLMO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9/26/2023 9:55	53501 EVIL_T2	2	2	0	0.3	0.2	-0.1	-0.48	-0.38	2	2	0	1200	1200	0
9/26/2023 9:55	67502 WEWI_T2	0	41	41	0	0.15	0.15	-0.33	-0.29	0	0	0	0	0	0
9/26/2023 9:55	20403 ASHF_T2	0	2	2	0	0	0	0.9	0.89	0	0	0	0	0	0
9/26/2023 9:56	62607 ENGL_T1	397	627	230	0.19	0.29	0.1	0	0	0	0	0	0	0	0
9/26/2023 9:57	62601 ENGL_T1	0	1	1	0	0	0	0	0	0	0	0	0	0	0
9/26/2023 9:57	42903 MIDD_T2	2	0	-2	0.4	0	-0.4	0	0	0	0	0	0	0	0
9/26/2023 9:59	53501 EVIL_T2	2	2	0	0.3	0.2	-0.1	-0.76	-1	4	4	0	2400	2400	0
9/26/2023 9:59	23401 HONE_T2	0	0	0	0	0	0	-0.21	-0.25	0	0	0	0	0	0
9/26/2023 10:00	10801 CHHI_T1	0	0	0	0	0	0	-0.87	-0.87	1	1	0	900	900	0
9/26/2023 10:00	67604 WARW_T1	0	0	0	0	0	0	0.62	0.65	0	0	0	0	0	0
9/26/2023 10:00	47101 MARL_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9/26/2023 10:00	56603 HAMP_T1	11	2	-9	0.1	0.1	0	0	0	0	0	0	0	0	0
9/26/2023 10:00	45802 HEGI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9/26/2023 10:00	64802 MONE_T2	1	1	0	0.1	0.1	0	0	0	0	0	0	0	0	0
9/26/2023 10:00	13503 MCMI_T2	0	0	0	0	0	0	-0.01	-0.01	0	0	0	0	0	0
9/26/2023 10:00	12604 MACA_T1	0	0	0	0	0	0	0.28	0.29	0	0	0	0	0	0
9/26/2023 10:00	40902 JESH_T1	0	0	0	0	0	0	-0.2	0.42	1	0	-1	600	0	-600
9/26/2023 10:00	53901 HAU_T2	1	1	0	0.4	0.6	0.2	0	0	0	0	0	0	0	0
9/26/2023 10:00	41901 REED_T1	4	3	-1	0.28	0.2	-0.08	-1.18	-1.22	1	1	0	900	900	0
9/26/2023 10:00	52503 PROG_T2	0	0	0	0	0	0	-0.71	-0.72	1	1	0	900	900	0
9/26/2023 10:00	23301 JEFF_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9/26/2023 10:00	20401 ASHF_T2	0	0	0	0	0	0	-0.3	-0.23	1	1	0	600	600	0
9/26/2023 10:00	12701 MACU_T1	1	1	0	2.8	2.4	-0.4	0.24	0.24	0	0	0	0	0	0
9/26/2023 10:00	41801 GOCI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9/26/2023 10:00	42002 MNVL_T2	1	1	0	3	2.6	-0.4	0	0	0	0	0	0	0	0
9/26/2023 10:00	54701 NEBL_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9/26/2023 10:00	13903 SEID_T1	0	0	0	0	0	0	0	0	2	2	0	1200	1200	0
9/26/2023 10:00	56802 BENV_T2	114	357	243	0.19	0.4	0.21	-1.39	-1.42	0	0	0	0	0	0
9/26/2023 10:01	56503 ROCK_T2	0	1	1	0	0.2	0.2	0	0	0	0	0	0	0	0
9/26/2023 10:01	67502 WEWI_T2	40	13	-27	0.15	0.11	-0.04	-0.29	-0.22	0	0	0	0	0	0
9/26/2023 10:07	42201 SHEN_T2	0	0	0	0	0	0	0.46	0.46	0	0	0	0	0	0
9/26/2023 10:07	61404 SLIT_T1	0	0	0	0	0	0	-1.2	-1.21	0	0	0	0	0	0
9/26/2023 10:07	56802 BENV_T2	114	357	243	0.19	0.4	0.21	-2.78	-2.84	0	0	0	0	0	0
9/26/2023 10:07	15001 BLMO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9/26/2023 10:08	29401 BELT_T1	149	125	-24	0.42	0.35	-0.07	0	0	0	0	0	0	0	0
9/26/2023 10:08	26601 BROO_T1	2	0	-2	0.1	0	-0.1	0	0	0	0	0	0	0	0
9/26/2023 10:09	56802 BENV_T2	114	357	243	0.19	0.4	0.21	-2.78	-2.84	0	0	0	0	0	0
9/26/2023 10:09	49803 UNIV_T1	0	0	0	0	0	0	0.3	0.26	0	0	0	0	0	0
9/26/2023 10:09	15001 BLMO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9/26/2023 10:10	56802 BENV_T2	114	357	243	0.19	0.4	0.21	-1.39	-1.42	0	0	0	0	0	0
9/26/2023 10:10	59101 WALK_T2	1	1	0	0	0	0	1.4	1.67	0	0	0	0	0	0
9/26/2023 10:10	26601 BROO_T1	3	0	-3	0.1	0	-0.1	0.35	0.4	0	0	0	0	0	0
9/26/2023 10:10	53501 EVIL_T2	2	2	0	0.2	0.7	0.5	-0.76	-1	4	4	0	2400	2400	0
9/26/2023 10:11	46501 LOHA_T1	1	1	0	0.5	0.4	-0.1	-0.72	-0.73	1	1	0	1200	1200	0
9/26/2023 10:11	53501 EVIL_T2	2	2	0	0.2	0.7	0.5	-0.38	-0.5	2	2	0	1200	1200	0
9/26/2023 10:11	45802 HEGI_T2	0	0	0	0	0	0	0.89	0.64	0	0	0	0	0	0
9/26/2023 10:12	62606 ENGL_T1	6	3	-3	0.25	0.13	-0.12	0	0	0	0	0	0	0	0
9/26/2023 10:12	56802 BENV_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9/26/2023 10:12	60803 BUCK_T1	4	1	-3	0.15	0.1	-0.05	0	0	0	0	0	0	0	0
9/26/2023 10:13	42902 MIDD_T2	0	0	0	0	0	0	-0.49	-0.44	1	0	-1	600	0	-600
9/26/2023 10:13	17802 GILB_T1	0	0	0	0	0	0	0.11	0.1	0	0	0	0	0	0
9/26/2023 10:13	53601 DALM_T2	1	1	0	0.3	0.6	0.3	0.27	0.25	0	0	0	0	0	0
9/26/2023 10:13	17804 GILB_T2	0	0	0	0	0	0	-0.57	-0.47	0	0	0	0	0	0
9/26/2023 10:14	62606 ENGL_T1	6	3	-3	0.25	0.13	-0.12	0	0	0	0	0	0	0	0
9/26/2023 10:14	46803 HEPB_T2	0	5	5	0	0.14	0.14	0	0	0	0	0	0	0	0
9/26/2023 10:15	58402 MORO_T1	0	0	0	0	0	0	-1.96	-1.98	4	4	0	3000	3000	0
9/26/2023 10:15	23401 HONE_T2	0	0	0	0	0	0	-0.25	-0.19	0	0	0	0	0	0
9/26/2023 10:16	43202 MVIL_T2	1	2	1	0.1	0.1	0	-0.58	-0.59	0	0	0	0	0	0
9/26/2023 10:16	48302 ORWI_T2	2	2	0	0.55	0.55	0	0.1	0.11	0	0	0	0	0	0
9/26/2023 10:18	13704 SCHN_T2	0	0	0	0	0	0	-0.29	-0.28	0	0	0	0	0	0
9/26/2023 10:18	65604 CVIL_T2	0	0	0	0	0	0	0.86	0.9	0	0	0	0	0	0
9/26/2023 10:19	64101 REFR_T1	3	3	0	6.3	6.93	0.63	-0.14	-0.13	0	0	0	0	0	0
9/26/2023 10:20	43304 WATS_T2	0	0	0	0	0	0	-0.58	-0.58	0	0	0	0	0	0
9/26/2023 10:20	28403 HART_T2	0	0	0	0	0	0	-0.75	-0.7	1	1	0	900	900	0
9/26/2023 10:20	13704 SCHN_T2	0	0	0	0	0	0	-0.29	-0.28	0	0	0	0	0	0
9/26/2023 10:21	67502 WEWI_T2	13	10	-3	0.11	0.1	-0.01	-0.22	-0.13	0	0	0	0	0	0
9/26/2023 10:21	66505 SMAN_T2	0	0	0	0	0	0	0.76	0.58	4	4	0	2200	2200	0
9/26/2023 10:21	43202 MVIL_T2	1	2	1	0.1	0.1	0	-0.58	-0.59	0	0	0	0	0	0
9/26/2023 10:22	29401 BELT_T1	124	73	-51	0.35	0.26	-0.09	0	0	0	0	0	0	0	0
9/26/2023 10:22	59101 WALK_T2	1	1	0	0	0	0	3.33	3.18	0	0	0	0	0	0
9/26/2023 10:22	67502 WEWI_T2	13	10	-3	0.11	0.1	-0.01	-0.22	-0.13	0	0	0	0	0	0
9/26/2023 10:23	15001 BLMO_T1	0	0	0	0	0	0	0	0	0

9/26/2023 10:41	56503 ROCK_T2	1	1	0	0.2	0.2	0	0	0	0	0	0	0	0
9/26/2023 10:41	15001 BLMO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
9/26/2023 10:43	40101 HUNT_T2	0	0	0	0	0	0	-0.43	-0.54	0	0	0	0	0
9/26/2023 10:46	13105 NHAM_T2	0	0	0	0	0	0	-0.33	-0.26	1	1	0	1200	1200
9/26/2023 10:46	65001 NEFF_T2	0	0	0	0	0	0	-0.5	-0.51	1	1	0	1200	1200
9/26/2023 10:47	64802 MONE_T2	0	0	0	0	0	0	0.32	0.32	0	0	0	0	0
9/26/2023 10:47	58402 MORO_T1	0	0	0	0	0	0	-0.92	-0.93	2	2	0	1500	1500
9/26/2023 10:47	64303 LINC_T1	0	0	0	0	0	0	-0.24	-0.26	0	0	0	0	0
9/26/2023 10:50	67605 WARW_T1	10	10	0	0.22	0.25	0.03	-1.15	-1.11	0	0	0	0	0
9/26/2023 10:52	66703 STRA_T1	0	0	0	0	0	0	-0.1	-0.11	0	0	0	0	0
9/26/2023 10:54	42902 MIDD_T2	0	0	0	0	0	0	0.16	0.22	0	0	0	0	0
9/26/2023 10:54	28805 LAKE_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
9/26/2023 10:55	42902 MIDD_T2	0	0	0	0	0	0	0.16	0.22	0	0	0	0	0
9/26/2023 10:56	28805 LAKE_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
9/26/2023 10:56	61802 EELI_T2	0	1	0	0	0	0	0	0	0	0	0	0	0
9/26/2023 10:57	42903 MIDD_T2	2	0	-2	0.2	0	-0.2	0	0	0	0	0	0	0
9/26/2023 10:59	40101 HUNT_T2	0	0	0	0	0	0	-0.56	-0.46	0	0	0	0	0
9/26/2023 10:59	53501 EVIL_T2	1	1	0	0.2	0.7	0.5	-0.14	-0.4	2	2	0	1200	1200
9/26/2023 11:00	28403 HART_T2	0	0	0	0	0	0	-0.72	-0.73	1	1	0	900	900
9/26/2023 11:00	64801 MONE_T2	1	1	0	0.9	0.6	-0.3	0.24	0.29	0	0	0	0	0
9/26/2023 11:01	40101 HUNT_T2	0	0	0	0	0	0	-0.56	-0.46	0	0	0	0	0
9/26/2023 11:02	13503 MCMI_T2	0	0	0	0	0	0	-0.01	-0.01	0	0	0	0	0
9/26/2023 11:02	40902 JESH_T1	0	0	0	0	0	0	0	0.03	1	1	0	600	600
9/26/2023 11:02	58402 MORO_T1	0	0	0	0	0	0	-1.87	-2	4	4	0	3000	3000
9/26/2023 11:02	59402 RFLD_T2	0	0	0	0	0	0	-1.2	-1.12	1	1	0	450	450
9/26/2023 11:05	13704 SCHN_T2	0	0	0	0	0	0	-0.28	-0.27	0	0	0	0	0
9/26/2023 11:07	44601 SALE_T2	0	0	0	0	0	0	0.28	0.3	0	0	0	0	0
9/26/2023 11:08	44601 SALE_T2	0	0	0	0	0	0	0.28	0.3	0	0	0	0	0
9/26/2023 11:08	46001 BERW_T1	0	0	0	0	0	0	0.9	0.98	0	0	0	0	0
9/26/2023 11:08	60803 BUCK_T1	4	7	3	0.1	0.14	0.04	-0.93	-0.97	1	1	0	600	600
9/26/2023 11:08	56802 BENV_T2	304	364	60	0.5	0.49	-0.01	-4.05	-4.2	0	0	0	0	0
9/26/2023 11:09	67503 WEWI_T2	0	0	0	0	0	0	-0.31	-0.3	0	0	0	0	0
9/26/2023 11:09	59101 WALK_T2	1	1	0	0	0	0	1.44	1.3	0	0	0	0	0
9/26/2023 11:09	51604 DUKE_T2	5	0	-5	0.1	0	-0.1	-1.69	-1.67	1	1	0	900	900
9/26/2023 11:11	46001 BERW_T1	0	0	0	0	0	0	0.9	0.98	0	0	0	0	0
9/26/2023 11:11	61303 EARL_T1	0	0	0	0	0	0	1.06	1	0	0	0	0	0
9/26/2023 11:11	51604 DUKE_T2	5	0	-5	0.1	0	-0.1	-1.69	-1.67	1	1	0	900	900
9/26/2023 11:12	41801 GOCI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
9/26/2023 11:12	56802 BENV_T2	304	364	60	0.5	0.49	-0.01	-4.05	-4.2	0	0	0	0	0
9/26/2023 11:12	60803 BUCK_T1	4	7	3	0.1	0.14	0.04	-0.93	-0.97	1	1	0	600	600
9/26/2023 11:14	41801 GOCI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
9/26/2023 11:16	52402 GRPA_T2	4	5	1	1.15	1.5	0.35	0	0	0	0	0	0	0
9/26/2023 11:17	42802 SELI_T1	0	0	0	0	0	0	-0.98	-0.96	0	0	0	0	0
9/26/2023 11:18	59402 RFLD_T2	0	0	0	0	0	0	-2.24	-2.45	2	2	0	900	900
9/26/2023 11:19	42802 SELI_T1	0	0	0	0	0	0	-1.96	-1.93	0	0	0	0	0
9/26/2023 11:19	66505 SMAN_T2	0	0	0	0	0	0	0.5	0.34	2	2	0	1100	1100
9/26/2023 11:21	42802 SELI_T1	0	0	0	0	0	0	-0.98	-0.96	0	0	0	0	0
9/26/2023 11:22	42802 SELI_T1	0	0	0	0	0	0	-1.96	-1.93	0	0	0	0	0
9/26/2023 11:22	46001 BERW_T1	0	0	0	0	0	0	0.98	0.97	0	0	0	0	0
9/26/2023 11:22	49803 UNIV_T1	0	0	0	0	0	0	-0.95	-1.03	0	0	0	0	0
9/26/2023 11:23	56803 BENV_T1	1	0	-1	0.1	0	-0.1	0	0	0	0	0	0	0
9/26/2023 11:23	46001 BERW_T1	0	0	0	0	0	0	0.98	0.97	0	0	0	0	0
9/26/2023 11:24	59101 WALK_T2	1	1	0	0	0	0	1.3	1.25	0	0	0	0	0
9/26/2023 11:24	42802 SELI_T1	0	0	0	0	0	0	-0.98	-0.96	0	0	0	0	0
9/26/2023 11:25	53501 EVIL_T2	1	1	0	0.7	0.7	0	-0.4	-0.45	2	2	0	1200	1200
9/26/2023 11:25	46503 LOHA_T1	0	0	0	0	0	0	-0.63	-0.61	0	0	0	0	0
9/26/2023 11:26	17802 GILB_T1	0	0	0	0	0	0	0.24	0.2	0	0	0	0	0
9/26/2023 11:26	10805 CHHI_T2	1	1	0	7.6	7.5	-0.1	-1.4	-1.25	2	2	0	1800	1800
9/26/2023 11:28	46501 LOHA_T1	1	1	0	0.5	0.7	0.2	0	0	0	0	0	0	0
9/26/2023 11:31	48302 ORWI_T2	2	2	0	0.65	0.85	0.2	0.09	0.08	0	0	0	0	0
9/26/2023 11:32	54206 PENN_T2	2	5	3	0.1	0.18	0.08	0	0	0	0	0	0	0
9/26/2023 11:32	66504 SMAN_T2	0	0	0	0	0	0	-0.26	-0.39	0	0	0	0	0
9/26/2023 11:33	65604 QVIL_T2	0	0	0	0	0	0	0.41	0.43	0	0	0	0	0
9/26/2023 11:33	65001 NEFF_T2	0	0	0	0	0	0	-0.34	-0.52	1	1	0	1200	1200
9/26/2023 11:33	46302 ROHR_T1	4	4	0	2	2.1	0.1	0	0	0	0	0	0	0
9/26/2023 11:33	13105 NHAM_T2	0	0	0	0	0	0	-0.29	-0.26	1	1	0	1200	1200
9/26/2023 11:33	66504 SMAN_T2	0	0	0	0	0	0	-0.26	-0.39	0	0	0	0	0
9/26/2023 11:34	54001 SDLE_T1	7	7	0	0.74	0.89	0.15	0	0	0	0	0	0	0
9/26/2023 11:34	54701 NEBL_T1	2	7	5	0.35	0.39	0.04	0	0	1	1	0	600	600
9/26/2023 11:35	66505 SMAN_T2	0	0	0	0	0	0	0.68	0.99	4	4	0	2200	2200
9/26/2023 11:35	59101 WALK_T2	1	1	0	0	0	0	1.25	1.3	0	0	0	0	0
9/26/2023 11:35	60501 NMAN_T2	14	30	16	1.19	0.61	-0.58	0	0	0	0	0	0	0
9/26/2023 11:36	65604 QVIL_T2	0	0	0	0	0	0	0.41	0.43	0	0	0	0	0
9/26/2023 11:36	58003 WCAR_T1	1	3	2	1.5	0.7	-0.8	0.14	0.16	1	1	0	600	600
9/26/2023 11:36	59101 WALK_T2	1	1	0	0	0	0	1.25	1.3	0	0	0	0	0
9/26/2023 11:38	67502 WEWI_T2	1	8	7	0.1	0.14	0.04	0	0	0	0	0	0	0
9/26/2023 11:39	60803 BUCK_T1	7	10	3	0.14	0.18	0.04	-0.96	-0.98	1	1	0	600	600
9/26/2023 11:40	54701 NEBL_T1	2	7	5	0.35	0.39	0.04	0	0	1	1	0	600	600
9/26/2023 11:40	67503 WEWI_T2	0	0	0	0	0	0	-0.29	-0.29	0	0	0	0	0
9/26/2023 11:40	67502 WEWI_T2	1	8	7	0.1	0.14	0.04	-0.39	-0.56	0	0	0	0	0
9/26/2023 11:41	60801 BUCK_T1	0	0	0	0	0	0	0.19	0.28	0	0	0	0	0
9/26/2023 11:42	61303 EARL_T1	0	0	0	0	0	0	0.74	0.66	0	0	0	0	0
9/26/2023 11:42	52403 GRPA_T2	0	23	23	0	0.14	0.14	-0.04	-0.01	0	0	0	0	0
9/26/2023 11:42	60803 BUCK_T1	7	10	3	0.14	0.18	0.04	-0.96	-0.98	1	1	0	600	600
9/26/2023 11:42	67502 WEWI_T2	1	8	7	0.1	0.14	0.04	-0.19	-0.28	0	0	0	0	0
9/26/2023 11:43	61303 EARL_T1	0	0	0	0	0	0	0.74	0.66	0	0	0	0	0
9/26/2023 11:44	56603 HAMP_T1	64	113	49	0.19	0.43	0.24	0	0	0	0	0	0	0
9/26/2023 11:46	52403 GRPA_T2	23	1	-22	0.14	0	-0.14	-0.02	-0.12	0	0	0	0	0
9/26/2023 11:47	65602 QVIL_T2	0	4	4	0	0.25	0.25	0	0	0	0	0	0	0
9/26/2023 11:48	65601 QVIL_T2	0	1	1	0	0.1	0.1	0	0	0	0	0	0	0
9/26/2023 11:48	40902 JESH_T1	0	0	0	0	0	0	0.13	0.02	1	1	0	600	600
9/26/2023 11:49	64101 REFR_T1	3	3	0	7.03	7.03	0	-0.14	-0.15	0	0	0	0	0
9/26/2023 11:49	59101 WALK_T2	1	1	0	0	0	0	1.3	1.43	0	0	0	0	0
9/26/2023 11:49	54001 SDLE_T1	7	8	1	0.84	0.83	-0.01	0	0	0	0	0	0	0
9/26/2023 11:49	40902 JESH_T1	0	0	0	0	0	0	0.26	0.04	2	2	0	1200	1200
9/26/2023 11:49	44601 SALE_T2	0	0	0	0	0	0	0.29	0.32	0	0	0	0	0
9/26/2023 11:50	58402 MORO_T1	0	0	0	0	0	0	-1.98	-2	4	4	0	3000	3000
9/26/2023 11:50	44601 SALE_T2	0	0	0	0	0	0	0.29	0.32	0	0	0	0	0
9/26/2023 11:50	54001 SDLE_T1	7	8	1	0.84	0.83	-0.01	0	0	0	0	0	0	0
9/26/2023 11:51	28601 BLYT_T2	0	1	1	0	0	0	0	0	0	0	0	0	0
9/26/2023 11:51	59102 WALK_T2	0	1	1	0	0.1	0.1	0	0	0	0	0	0	0
9/26/2023 11:52	58003 WCAR_T1	3	1	-2	0.7	1.8	1.1	0.16	0.17	1	1	0	600	600
9/26/2023 11:52	15001 BLMO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
9/26/2023 11:52	59102 WALK_T2	0	1	1	0	0.1	0.1	0	0	0	0	0	0	0
9/26/2023 11:53	46001 BERW_T1	0	0	0	0	0	0	0.96	0.87	0	0	0	0	0
9/26/2023 11:53	15001 BLMO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
9/26/2023 11:54	53501 EVIL_T2	1	1	0	0.7	0.6	-0.1	-0.34	-0.58	2	2	0	1200	1200
9/26/2023 11:54	15001 BLMO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
9/26/2023 11:55	15001 BLMO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
9/26/2023 11:55	46001 BERW_T1	0	0	0	0	0	0	0.96	0.87	0	0	0	0	0
9/26/2023 11:55	42902 MIDD_T2	0	0	0	0	0	0	0.24	0.19	0	0	0	0	0
9/26/2023 11:55	53501 EVIL_T2	1	1	0	0.7	0.6	-0.1	-0.68	-1.16	4	4	0	2400	2400
9/26/2023 11:57	53501 EVIL_T2	1	1	0	0.7	0.6	-0.1	-0.34	-0.58	2	2	0	1200	1200
9/26/2023 11:57	42903 MIDD_T2	2	2	0	0.6	1.3	0.7	0	0	0	0	0	0	0
9/26/2023 11:58	42903 MIDD_T2	2	2	0	0.6	1.3	0.7	0	0	0	0	0	0	0
9/26/2023 11:58	61303 EARL_T1	0	0	0	0	0	0	0.66	0.66	0	0	0	0	0
9/26/2023 11:58	52402 GRPA_T2	5	5	0	1.5	1.4	-0.1	0	0	0	0	0	0	0
9/26/2023 11:59	61303 EARL_T1	0	0	0	0	0	0	0.66	0.71	0	0	0	0	0
9/26/2023 12:01	52402 GRPA_T2	5	5	0	1.4	1.24	-0.16	0	0	0	0	0	0	0
9/26/2023 12:02	65602 QVIL_T2	0	5	5	0	0.22	0.22	0	0	0	0	0	0	0
9/26/2023 12:03	52402 GRPA_T2	5	5	0	1.4	1.24	-0.16	0	0	0	0	0	0	0
9/26/2023 12:03	65604 QVIL_T2	0	0	0	0	0	0	0.38	0.37	0	0	0	0	0
9/26/2023 12:05	64101 REFR_T1	3	3	0	7.03	6.93	-0.1	-0.15	-0.13	0	0	0	0	0
9/26/2023 12:05	46302 ROHR_T1	4	4	0	1.98	1.98	0	0	0	0	0	0	0	0
9/26/2023 12:07	44302 BEAV_T2	0	29	29	0	0.14	0.14	0.24	0.26	0	0	0	0	0
9/26/2023 12:10	42903 MIDD_T2	2	2	0	1.3	1	-0.3	0	0	0	0	0	0	0
9/26/2023 12:12	54505 ENOL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
9/26/2023 12:13	42903 MIDD_T2	2	2	0	1.3	1	-0.3	0	0	0	0	0	0	0
9/26/2023 12:14	42903 MIDD_T2	2	2	0	1.3	1	-0.3	0	0	0	0	0	0	0
9/26/2023 12:14	46302 ROHR_T1	4	4	0	1.98	1.98	0	0	0	0	0	0	0	0
9/26/2023 12:15	46302 ROHR_T1	4	4	0	1.98	2.1	0.12	0	0	0	0	0	0	0
9/26/2023 12:17	50502 MECH_T1	1	1	0	2.1	2.2	0.1	0	0	0	0	0	0	0
9/26/2023 12:20	13105 NHAM_T2	0	0	0	0	0	0	-0.28	-0.25	1	1	0	1200	1200
9/26/2023 12:21	14801 TREI_T2	79	89	10	0.33	0.4	0.07	0.28	0.28	0	0	0	0	0
9/26/2023 12:23	15001 BLMO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
9/26/2023 12:23	42701 AUGU_T1	1	1	0	0.5	0.6	0.1	0	0	2	2	0	1800	1800
9/26/2023 12:24	15001 BLMO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
9/26/2023 12:25	42701 AUGU_T1	1	1	0	0.5	0.6	0.1	0	0	2	2	0	1800	1800
9/26/2023 12:25	15001 BLMO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
9/26/2023 12:26	15001 BLMO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
9/26/2023 12:36	54001 SDLE_T1	7	7	0	0.9	0.83	-0.07	0	0	0	0	0	0	0
9/26/2023 12:37	54001 SDLE_T1	7	7	0	0.9	0.83	-0.07	0	0	0	0	0	0	0
9/26/2023 12:38	43001 ALWD_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
9/26/2023 12:46	40902 JESH_T1	0	0	0	0	0	0	0.06	0.1	1	1	0	600	600
9/26/2023 12:47	40902 JESH_T1	0	0	0	0	0	0	0.12	0.2	2	2	0	1200	1200
9/26/2023 12:47	58402 MORO_T1	0	0	0	0	0	0	-2.12	-2.1	4	4	0	3000	3000
9/26/2023 12:47	59302 MCAL_T1	0	0	0	0	0	0	-0.15	-0.16	1	1	0	600	600
9/26/2023 12:52	60803 BUCK_T1	53	9	-44	0.23	0.16	-0.07	-0.93	-0.95	1	1	0	600	600
9/26/2023 12:52	46302 ROHR_T1	4	4	0	2.1	1.98	-0.12	0	0	0	0	0	0	0
9/26/2023 12:52	51302 WIND_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
9/26/2023 12:53	60801 BUCK_T1	80	0	-80	0.27	0	-0.27	0	0	0	0	0	0	0
9/26/2023 12:55	60801 BUCK_T1	80	0	-80	0.27	0	-0.27	-0.16	0.23	0	0	0	0	0
9/26/2023 12:59	23301 JEFF_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
9/26/2023 13:03	64101 REFR_T1	3	3	0	7.13	7.13	0	-0.12	-0.15	0	0	0	0	0
9/26/2023 13:03	58402 MORO_T1	0	0	0	0	0	0	-1.05	-1.02	2	2	0	1500	1500
9/26/2023 13:04	58402 MORO_T1	0	0	0	0	0	0	-1.05	-1.02	2	2	0	1500	1500
9/26/2023 13:14	23301 JEFF_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
9/26/2023 13:15	54504 ENOL_T2	0	0	0	0	0	0	-2.08	-2.08	1	1	0	600	600
9/26/2023 13:15	65001 NEFF_T2	0	0	0	0	0	0	-0.43	-0.52	1	1	0	1200	1200
9/26/2023 13:15	63401 HONY_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
9/26/2023 13:17	53903 HALI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
9/26/2023 13:18	42201 SHEN_T2	0	0	0	0	0	0	0.5	0.48	0	0	0	0	0
9/26/2023 13:22	59202 THOM_T1	0	1	1	0	1.2	1.2	0	0	0	0	0	0	0
9/26/2023 13:30	58402 MORO_T1	0	0	0	0	0	0	-1.02	-0.99	2	2	0	1500	1500
9/26/2023 13:35	58402 MORO_T1	0	0	0	0	0	0	-1.02	-0.99	2	2	0	1500	1500
9/26/2023 13:40	45003 LIME_2	1	1	0	2.5	2.5	0	0	0	0	0	0	0	0
9/26/2023 13:40	54701 NEBL_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
9/26/2023 13:40	43401 BENT_T1	0	1	1	0	0	0	0	0	0	0	0	0	0
9/26/2023 13:41	45002 LIME_2	0	0	0	0	0	0	0	0	0	0	0	0	0
9/26/2023 13:42	45002 LIME_2	0	0	0	0	0	0	0	0	0	0	0	0	0
9/26/2023 13:43	52403 GRPA_T2	0	7	7	0	0.1	0.1	-0.02	-0.01	0	0	0	0	0
9/26/2023 13:45	45003 LIME_2	1	1	0	2.3	2.5	0.2	0	0	0	0	0	0	0
9/26/2023 13:45	40902 JESH_T1	0	0	0	0	0	0	0.13	0.13	1	1	0	600	600
9/26/2023 13:45	58402 MORO_T1	0	0	0	0	0	0	-0.99	-0.98	2	2	0	1500	1500
9/26/2023 13:46	52401 GRPA_T2	0	1	1	0	0	0	0	0	0	0	0	0	0
9/26/2023 13:47	52402 GRPA_T2	5	5	0	1.28	1.4	0.12	0	0	0	0	0	0	0
9/26/2023 13:50	59101 WALK_T2	1	1	0	0	0	0	1.32	1.34	0	0	0	0	0
9/26/2023 13:51	51302 WIND_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
9/26/2023 13:52	59101 WALK_T2	1	1	0	0	0	0	1.32	1.34	0	0	0	0	0
9/26/2023 13:53	59101 WALK_T2	1	1	0	0	0	0	1.32	1.34	0	0	0	0	0
9/26/2023 13:55	67002 STHI_T2	0	0	0	0	0	0	0.74	0.74	0	0	0	0	0
9/26/2023 13:57	60803 BUCK_T1	0	4	4	0	0.13	0.13	0	0	0	0	0	0	0
9/26/2023 13:58	52401 GRPA_T2	0	1	1	0	0	0	0	0	0	0	0	0	0
9/26/2023 14:06	49803 UNIV_T1	0	1	1	0	0	0	-1	-1.06	0	0	0	0	0
9/26/2023 14:06	54001 SDLE_T1	9	9	0	0.8	0.86	0.06	0	0	0	0	0	0	0
9/26/2023 14:07	13903 SEID_T1	0	0	0	0	0	0	0	0	1	1	0	600	600
9/26/2023 14:08	60803 BUCK_T1	0	4	4	0	0.13	0.13	0	0	0	0	0	0	0
9/26/2023 14:09	67203 TEHI_T1	1	1	0	0	0	0	2.12	2.2	2	2	0	1500	1500
9/26/2023 14:09	67201 TEHI_T1	0

9/26/2023 19:55	47101 MARL_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9/26/2023 19:56	56802 BENV_T2	3	2	-1	0.43	0.65	0.22	-0.64	-0.68	0	0	0	0	0	0
9/26/2023 19:56	53903 HALI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9/26/2023 19:57	46302 ROHR_T1	4	4	0	1.28	1.8	0.52	0	0	0	0	0	0	0	0
9/26/2023 20:07	42201 SHEN_T2	0	0	0	0	0	0	0.47	0.43	0	0	0	0	0	0
9/26/2023 20:07	10801 CHHI_T1	0	0	0	0	0	0	-0.89	-0.88	1	1	0	900	900	0
9/26/2023 20:09	61404 SLIT_T1	0	0	0	0	0	0	-1.17	-1.17	0	0	0	0	0	0
9/26/2023 20:19	67503 WEWI_T2	0	0	0	0	0	0	-0.28	-0.3	0	0	0	0	0	0
9/26/2023 20:22	67502 WEWI_T2	0	1	1	0	0.1	0.1	0	0	0	0	0	0	0	0
9/26/2023 20:22	59402 RFLD_T2	123	170	47	0.52	0.6	0.08	-1.26	-1.29	1	1	0	450	450	0
9/26/2023 20:29	59101 WALK_T2	1	1	0	0	0	0	0.8	0.05	0	0	0	0	0	0
9/26/2023 20:29	67502 WEWI_T2	0	1	1	0	0.1	0.1	-0.45	-0.48	0	0	0	0	0	0
9/26/2023 20:31	67502 WEWI_T2	0	2	2	0	0.1	0.1	-0.9	-0.96	0	0	0	0	0	0
9/26/2023 20:32	60801 BUCK_T1	0	33	33	0	0.18	0.18	-0.17	-0.2	0	0	0	0	0	0
9/26/2023 20:32	62607 ENGL_T1	21	283	262	0.11	0.2	0.09	0	0	0	0	0	0	0	0
9/26/2023 20:33	65001 NEFF_T2	0	1	1	0	0.1	0.1	-0.82	-0.77	1	1	0	1200	1200	0
9/26/2023 20:34	59402 RFLD_T2	135	175	40	0.54	0.6	0.06	-1.29	-1.27	1	1	0	450	450	0
9/26/2023 20:36	17805 GILB_T2	0	0	0	0	0	0	0.19	0.19	0	0	0	0	0	0
9/26/2023 20:37	42802 SELI_T1	0	2	2	0	0.1	0.1	-1.27	-1.3	0	0	0	0	0	0
9/26/2023 20:37	17805 GILB_T2	0	0	0	0	0	0	0.19	0.19	0	0	0	0	0	0
9/26/2023 20:38	62606 ENGL_T1	0	5	5	0	0.14	0.14	0	0	0	0	0	0	0	0
9/26/2023 20:38	53901 HALI_T2	2	1	-1	0.4	0.5	0.1	0.03	0.04	0	0	0	0	0	0
9/26/2023 20:38	29401 BELT_T1	129	132	3	0.41	0.38	-0.03	0	0	0	0	0	0	0	0
9/26/2023 20:39	59202 THOM_T1	310	361	51	0.58	0.69	0.11	0	0	0	0	0	0	0	0
9/26/2023 20:39	53903 HALI_T2	2	2	0	1.4	1.4	0	0	0	0	0	0	0	0	0
9/26/2023 20:39	56603 HAMP_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9/26/2023 20:39	51604 DUKE_T2	0	0	0	0	0	0	-0.6	-0.61	0	0	0	0	0	0
9/26/2023 20:39	56802 BENV_T2	2	49	47	0.5	0.16	-0.34	-1.28	-1.34	0	0	0	0	0	0
9/26/2023 20:40	40901 JESH_T1	5	19	14	0.1	0.16	0.06	0	0	0	0	0	0	0	0
9/26/2023 20:40	58402 MORO_T1	0	0	0	0	0	0	-0.39	-0.41	1	1	0	600	600	0
9/26/2023 20:40	54001 SDLE_T1	2	2	0	0.55	0.65	0.1	0	0	0	0	0	0	0	0
9/26/2023 20:40	28403 HART_T2	0	0	0	0	0	0	-0.61	-0.61	1	1	0	900	900	0
9/26/2023 20:41	62604 ENGL_T1	0	0	0	0	0	0	-0.41	-0.39	1	1	0	600	600	0
9/26/2023 20:41	66505 SMAN_T2	3	3	0	0.6	0.8	0.2	-0.22	-0.21	2	2	0	1100	1100	0
9/26/2023 20:41	56802 BENV_T2	2	49	47	0.5	0.16	-0.34	-0.64	-0.67	0	0	0	0	0	0
9/26/2023 20:42	59101 WALK_T2	1	2	1	0	0.3	0.3	0.8	0.05	0	0	0	0	0	0
9/26/2023 20:42	58003 WCAR_T1	2	5	3	1	0.5	-0.5	0.54	0.55	0	0	0	0	0	0
9/26/2023 20:42	45902 AUBU_T1	0	0	0	0	0	0	-0.33	-0.23	0	0	0	0	0	0
9/26/2023 20:43	53901 HALI_T2	2	1	-1	0.4	0.5	0.1	0	0	0	0	0	0	0	0
9/26/2023 20:43	61303 EARL_T1	0	0	0	0	0	0	0.39	0.36	0	0	0	0	0	0
9/26/2023 20:43	45902 AUBU_T1	0	0	0	0	0	0	-0.33	-0.23	0	0	0	0	0	0
9/26/2023 20:43	14801 TREI_T2	75	92	17	0.29	0.41	0.12	0.39	0.35	0	0	0	0	0	0
9/26/2023 20:44	66504 SMAN_T2	0	0	0	0	0	0	-0.41	-0.45	0	0	0	0	0	0
9/26/2023 20:44	45901 AUBU_T1	0	0	0	0	0	0	1.69	1.68	0	0	0	0	0	0
9/26/2023 20:44	10805 CHHI_T2	1	1	0	7.4	7.2	-0.2	-1.07	-1.08	1	1	0	600	600	0
9/26/2023 20:45	56801 BENV_T1	31	33	2	0.72	0.7	-0.02	-0.78	-0.82	1	1	0	600	600	0
9/26/2023 20:45	58402 MORO_T1	0	0	0	0	0	0	-0.41	-0.45	1	1	0	600	600	0
9/26/2023 20:45	53501 EVIL_T2	1	1	0	0.2	0.2	0	-0.72	-0.7	1	1	0	600	600	0
9/26/2023 20:45	56802 BENV_T2	49	2	-47	0.15	0.7	0.55	-0.67	-0.69	0	0	0	0	0	0
9/26/2023 20:45	15001 BLMO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9/26/2023 20:46	64301 LINC_T1	0	0	0	0	0	0	0.26	0.3	0	0	0	0	0	0
9/26/2023 20:46	52402 GRPA_T2	5	5	0	1.66	1.4	-0.26	0	0	0	0	0	0	0	0
9/26/2023 20:46	45002 LIME_2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9/26/2023 20:46	13903 SEID_T1	0	0	0	0	0	0	0	0	1	1	0	600	600	0
9/26/2023 20:46	67502 WEWI_T2	1	3	2	0.1	0.1	0	-0.48	-0.5	0	0	0	0	0	0
9/26/2023 20:46	51604 DUKE_T2	0	0	0	0	0	0	-0.61	-0.6	0	0	0	0	0	0
9/26/2023 20:46	56802 BENV_T2	49	2	-47	0.15	0.7	0.55	-0.67	-0.69	0	0	0	0	0	0
9/26/2023 20:47	62604 ENGL_T1	0	0	0	0	0	0	-0.39	-0.45	1	1	0	600	600	0
9/26/2023 20:47	45002 LIME_2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9/26/2023 20:47	41801 GOCI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9/26/2023 20:47	29401 BELT_T1	126	121	-5	0.38	0.36	-0.02	0	0	0	0	0	0	0	0
9/26/2023 20:47	53501 EVIL_T2	1	1	0	0.2	0.2	0	-0.72	-0.7	1	1	0	600	600	0
9/26/2023 20:48	13704 SCHN_T2	0	0	0	0	0	0	-0.33	-0.34	0	0	0	0	0	0
9/26/2023 20:48	54001 SDLE_T1	2	2	0	0.65	0.5	-0.15	0	0	0	0	0	0	0	0
9/26/2023 20:48	28403 HART_T2	0	0	0	0	0	0	-0.61	-0.62	1	1	0	900	900	0
9/26/2023 20:48	53601 DALM_T2	1	1	0	1.1	0.8	-0.3	-0.07	0.06	0	0	0	0	0	0
9/26/2023 20:48	56802 BENV_T2	49	2	-47	0.15	0.7	0.55	-1.34	-1.38	0	0	0	0	0	0
9/26/2023 20:48	64801 MONE_T2	1	1	0	0.4	0.6	0.2	0.23	0.24	0	0	0	0	0	0
9/26/2023 20:48	12701 MACU_T1	1	1	0	2.6	2	-0.6	0.05	0.04	0	0	0	0	0	0
9/26/2023 20:48	53903 HALI_T2	2	2	0	1.4	1	-0.4	0	0	0	0	0	0	0	0
9/26/2023 20:48	13503 MCMI_T2	0	0	0	0	0	0	-0.01	-0.01	0	0	0	0	0	0
9/26/2023 20:48	61304 EARL_T1	21	36	15	0.15	0.18	0.03	0	0	0	0	0	0	0	0
9/26/2023 20:48	40101 HUNT_T2	0	0	0	0	0	0	-0.57	-0.58	0	0	0	0	0	0
9/26/2023 20:49	17802 GILB_T1	0	0	0	0	0	0	-0.03	-0.04	0	0	0	0	0	0
9/26/2023 20:49	67502 WEWI_T2	1	3	2	0.1	0.1	0	0	0	0	0	0	0	0	0
9/26/2023 20:49	56503 ROCK_T2	54	4	-50	0.16	0.13	-0.03	0	0	0	0	0	0	0	0
9/26/2023 20:49	46001 BERW_T1	0	0	0	0	0	0	0.78	0.83	0	0	0	0	0	0
9/26/2023 20:49	12701 MACU_T1	1	1	0	2.6	2	-0.6	0.05	0.04	0	0	0	0	0	0
9/26/2023 20:49	46801 HEPB_T2	2	2	0	0.5	0.75	0.25	0.6	0.61	0	0	0	0	0	0
9/26/2023 20:49	42802 SELI_T1	2	0	-2	0.1	0	-0.1	-1.3	-1.29	0	0	0	0	0	0
9/26/2023 20:50	59402 RFLD_T2	168	202	34	0.6	0.59	-0.01	-1.27	-1.29	1	1	0	450	450	0
9/26/2023 20:50	45002 LIME_2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9/26/2023 20:50	15001 BLMO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9/26/2023 20:50	44601 SALE_T2	0	0	0	0	0	0	1.62	1.66	0	0	0	0	0	0
9/26/2023 20:50	49803 UNIV_T1	0	0	0	0	0	0	-0.94	0.2	0	0	0	0	0	0
9/26/2023 20:50	42802 SELI_T1	2	0	-2	0.1	0	-0.1	-2.6	-2.58	0	0	0	0	0	0
9/26/2023 20:50	46001 BERW_T1	0	0	0	0	0	0	0.78	0.83	0	0	0	0	0	0
9/26/2023 20:51	53501 EVIL_T2	1	1	0	0.2	0.2	0	-0.72	-0.7	1	1	0	600	600	0
9/26/2023 20:51	43202 MVIL_T2	8	54	46	0.11	0.27	0.16	-0.75	-0.73	0	0	0	0	0	0
9/26/2023 20:51	12701 MACU_T1	1	1	0	2.6	2	-0.6	0.05	0.04	0	0	0	0	0	0
9/26/2023 20:51	13503 MCMI_T2	0	0	0	0	0	0	-0.01	-0.01	0	0	0	0	0	0
9/26/2023 20:51	45901 AUBU_T1	0	0	0	0	0	0	1.69	1.68	0	0	0	0	0	0
9/26/2023 20:52	42001 MNVL_T2	0	0	0	0	0	0	0.09	0.07	0	0	0	0	0	0
9/26/2023 20:52	42802 SELI_T1	2	0	-2	0.1	0	-0.1	-1.9	-1.87	0	0	0	0	0	0
9/26/2023 20:52	52403 GRPA_T2	6	0	-6	0.2	0	-0.2	-0.05	-0.06	0	0	0	0	0	0
9/26/2023 20:52	67502 WEWI_T2	1	3	2	0.1	0.1	0	-0.48	-0.5	0	0	0	0	0	0
9/26/2023 20:52	15001 BLMO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9/26/2023 20:52	45002 LIME_2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9/26/2023 20:52	61801 EEU_T2	2	10	8	1.35	1.35	0	-0.33	-0.35	0	0	0	0	0	0
9/26/2023 20:53	59101 WALK_T2	1	3	2	0	0.2	0.2	0.05	-0.04	0	0	0	0	0	0
9/26/2023 20:53	28604 BLYT_T2	0	0	0	0	0	0	-1.35	-1.35	0	0	0	0	0	0
9/26/2023 20:53	13704 SCHN_T2	0	0	0	0	0	0	-0.33	-0.34	0	0	0	0	0	0
9/26/2023 20:53	17802 GILB_T1	0	0	0	0	0	0	-0.06	-0.08	0	0	0	0	0	0
9/26/2023 20:54	64801 MONE_T2	1	1	0	0.4	0.6	0.2	0	0	0	0	0	0	0	0
9/26/2023 20:54	46506 LOHA_T1	0	1	1	0	0.2	0.2	0	0	0	0	0	0	0	0
9/26/2023 20:54	54202 PENN_T2	461	27	-434	0.25	0.13	-0.12	0	0	0	0	0	0	0	0
9/26/2023 20:54	49803 UNIV_T1	0	0	0	0	0	0	-0.94	0.2	0	0	0	0	0	0
9/26/2023 20:54	42802 SELI_T1	2	0	-2	0.1	0	-0.1	-1.3	-1.29	0	0	0	0	0	0
9/26/2023 20:54	66505 SMAN_T2	3	3	0	0.73	0.87	0.14	0	0	0	0	0	0	0	0
9/26/2023 20:55	13704 SCHN_T2	0	0	0	0	0	0	-0.33	-0.34	0	0	0	0	0	0
9/26/2023 20:55	41801 GOCI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9/26/2023 20:55	45002 LIME_2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9/26/2023 20:55	53501 EVIL_T2	1	1	0	0.2	0.2	0	-0.72	-0.7	1	1	0	600	600	0
9/26/2023 20:55	48302 ORWI_T2	2	2	0	1.1	1.25	0.15	-0.05	-0.07	0	0	0	0	0	0
9/26/2023 20:56	58402 MORO_T1	0	0	0	0	0	0	-0.41	-0.45	1	1	0	600	600	0
9/26/2023 20:56	67502 WEWI_T2	1	3	2	0.1	0.1	0	0	0	0	0	0	0	0	0
9/26/2023 20:56	53903 HALI_T2	2	2	0	1.4	1	-0.4	-0.18	-0.21	0	0	0	0	0	0
9/26/2023 20:56	64303 LINC_T1	0	0	0	0	0	0	-0.25	-0.25	0	0	0	0	0	0
9/26/2023 20:56	47101 MARL_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9/26/2023 20:56	20403 ASHF_T2	0	0	0	0	0	0	0.17	0.14	0	0	0	0	0	0
9/26/2023 20:56	15001 BLMO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9/26/2023 20:56	40101 HUNT_T2	0	0	0	0	0	0	-0.57	-0.58	0	0	0	0	0	0
9/26/2023 20:57	43202 MVIL_T2	8	54	46	0.11	0.27	0.16	-0.75	-0.73	0	0	0	0	0	0
9/26/2023 20:57	23401 HONE_T2	0	0	0	0	0	0	-0.24	-0.31	0	0	0	0	0	0
9/26/2023 20:57	45802 HEGI_T2	0	0	0	0	0	0	0.72	0.57	0	0	0	0	0	0
9/26/2023 20:57	54701 NEBL_T1	7	7	0	0.66	0.49	-0.17	0	0	1	1	0	600	600	0
9/26/2023 20:58	64305 LINC_T1	0	0	0	0	0	0	-0.51	-0.46	0	0	0	0	0	0
9/26/2023 20:58	52404 GRPA_T2	1	1	0	0.5	0.4	-0.1	0	0	0	0	0	0	0	0
9/26/2023 20:58	47101 MARL_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9/26/2023 20:58	28805 LAKE_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9/26/2023 20:58	26603 BROO_T1	0	0	0	0	0	0	0.31	0.31	0	0	0	0	0	0
9/26/2023 21:01	43304 WATS_T2	1	2	1	1.4	0.9	-0.5	-0.62	-0.26	0	0	0	0	0	0
9/26/2023 21:02	66504 SMAN_T2	0	8	8	0	0	0	0	0	0	0	0	0	0	0
9/26/2023 21:03	67201 TEHI_T1	0	0	0	0	0	0	-0.01	0	1	1	0	900	900	0
9/26/2023 21:06	66703 STRA_T1	1	1	0	0.3	0.4	0.1	-0.32	-0.34	0	0	0	0	0	0
9/26/2023 21:15	67605 WARW_T1	16	46	30	0.54	0.5	-0.04	-1.23	-1.21	0	0	0	0	0	0
9/26/2023 21:27	43402 BENT_T1	0	0	0	0	0	0	-0.95	-0.96	1	1	0	900	900	0
9/26/2023 21:29	43402 BENT_T1	0	0	0	0	0	0	-0.95	-0.96	1	1	0	900	900	0
9/26/2023 21:31	56802 BENV_T2	24	1	-23	0.16	1.1	0.94	-0.67	-0.73	0	0	0	0	0	0
9/26/2023 22:27	43402 BENT_T1	0	0	0	0	0	0	-0.97	-0.95	1	1	0	900	900	0
9/26/2023 22:29	43402 BENT_T1	0	0	0	0	0	0	-0.97	-0.95	1	1	0	900	900	0
9/26/2023 23:27	43402 BENT_T1	0	0	0	0	0	0	-0.96	-0.96	1	1	0	900	900	0
9/26/2023 23:29	43402 BENT_T1	0	0	0	0	0	0	-0.96	-0.96	1	1	0	900	900	0
9/27/2023 0:27	43402 BENT_T1	0	0	0	0	0	0	-0.99	-0.97	1	1	0	900	900	0
9/27/2023 0:28	56802 BENV_T2	0	1	1	0	0.2	0.2	-2.49	-2.55	0	0	0	0	0	0
9/27/2023 0:28	56503 ROCK_T2	1	1	0	0.1	0.2	0.1	0	0	0	0	0	0	0	0
9/27/2023 0:28	42901 MIDD_T2	386	484	98	0.46	0.62	0.16	0	0	0	0	0	0	0	0
9/27/2023 0:28	54701 NEBL_T1	0	0	0	0	0	0	0	0	1	1	0	600	600	0
9/27/2023 0:28	64101 REFR_T1	3	3	0	9.57	9.63	0.06	-0.01	-0.01	0	0	0	0	0	0
9/27/2023 0:28	28801 LAKE_T1	360	408	48	0.89	1.16	0.27	0	0	0	0	0	0	0	0
9/27/2023 0:28	45001 LIME_2	0	19	19	0	0.16	0.16	0	0	0	0	0	0	0	0
9/27/2023 0:28	17803 GILB_T2	0	2	2	0	0.3	0.3	0	0	0	0	0	0	0	0
9/27/2023 0:28	53902 HALI_T2	0	0	0	0	0	0	-1	-1.02	0	0	0	0	0	0
9/27/2023 0:28	47101 MARL_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9/27/2023 0:28	29402 BELT_T1	0	1	1	0	0.1	0.1	0	0	0	0	0	0	0	0
9/27/2023 0:28	12701 MACU_T1	1	1	0	0.7	0.3	-0.4	0	-0.02	0	0	0	0	0	0
9/27/2023 0:28	45902 AUBU_T1	0	0	0	0	0	0	-0.34	-0.32	0	0	0	0	0	0
9/27/2023 0:28	20403 ASHF_T2	0	0	0	0	0	0	0.02	0	0	0	0	0	0	0
9/27/2023 0:28	60503 NMAN_T2	0	0	0	0	0	0	-0.6	-0.66	0	0	0	0	0	0
9/27/2023 0:28	40101 HUNT_T2	0	2	2	0	0.25	0.25	-0.68	-0.68	0	0	0	0	0	0
9/27/2023 0:28	43402 BENT_T1	0	0	0	0	0	0	-0.99	-0.97	1	1	0	900	900	0
9/27/2023 0:28	67203 TEHI_T1	1	1	0	0	0	0	1.97	2.04	2	2	0	1500	1500	0
9/27/2023 0:28	42802 SELI_T1	11	12	1	0.18	0.27	0.09	-4.17	-4.2	0	0	0	0	0	0
9/27/2023 0:28	41901 REID_T1	0	0	0	0	0	0	-1.4	-1.53	1	1	0	900	900	0
9/27/2023 0:29	43402 BENT_T1	0	0	0	0	0	0	-0.99	-0.97	1	1	0	900	900	0
9/27/2023 1:27	43402 BENT_T1	0	0	0	0	0	0	-0.99	-0.96	1	1	0	900	900	0
9/27/2023 1:29	43402 BENT_T1	0	0	0	0	0	0	-0.99	-0.96	1	1	0	900	900	0
9/27/2023 2:27	43402 BENT_T1	0	0	0	0	0	0	-0.96	-0.98	1	1	0	900	900	0
9/27/2023 2:29	43402 BENT_T1	0	0	0	0	0	0	-0.96	-0.98	1	1	0	900	900	0
9/27/2023 3:27	43402 BENT_T1	0	0	0	0	0	0	-0.98	-0.98	1	1	0	900	900	0
9/27/2023 3:29	43402 BENT_T1	0	0	0	0	0	0	-0.98	-0.98	1	1	0	900	900	0
9/27/2023 4:07	43402 BENT_T1	0	0	0	0	0	0	-0.98	-0.98	1	1	0	900	900	0
9/27/2023 4:36	65001 NEFF_T2	0	0	0	0	0	0	-1.12	-1.17	1	1	0	1200	1200	0
9/27/2023 6:34	15001 BLMO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9/27/2023 7:35	54701 NEBL_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9/27/2023 7:53	41602 CLEV_T1	0	0	0	0	0	0	0	0	3	3	0	1800	1800	0
9/27/2023 8:11	46801 HEPB_T2	2	24	22	0.85	0.25	-0.6	0.57	0.59	0	0	0	0	0	0
9/27/2023 8:17	44601 SALE_T2	0	0	0	0	0	0	0.26	1.29	1	1	0	600	600	0
9/27/2023 8:18	13903 SEID_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9/27/2023 8:18	44601 SALE

Appendix C - Grid Benefits Achieved in Each Instance of Active Management

9/27/2023 9:45	42001 MNVL_T2	14	9	-5	0.29	0.34	0.05	0.04	0.05	0	0	0	0	0	0
9/27/2023 9:45	43202 MVIL_T2	1	1	0	0.6	0.3	-0.3	-1.28	-1.32	0	0	0	0	0	0
9/27/2023 9:46	42903 MIDD_T2	2	0	-2	0.2	0	-0.2	0	0	0	0	0	0	0	0
9/27/2023 9:48	42201 SHEN_T2	0	0	0	0	0	0	0.39	0.39	0	0	0	0	0	0
9/27/2023 9:49	41901 REED_T1	3	5	2	0.23	0.22	-0.01	-1.33	-1.21	1	1	0	900	900	0
9/27/2023 9:49	14402 SSLA_T1	1	4	3	0.1	0.23	0.13	0	0	0	0	0	0	0	0
9/27/2023 9:50	67401 WAKE_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9/27/2023 9:50	20403 ASHF_T2	2	0	-2	0.2	0	-0.2	1.31	1.36	0	0	0	0	0	0
9/27/2023 9:51	66504 SMAN_T2	0	0	0	0	0	0	-0.43	-0.48	0	0	0	0	0	0
9/27/2023 9:52	20403 ASHF_T2	2	0	-2	0.2	0	-0.2	1.31	1.36	0	0	0	0	0	0
9/27/2023 9:54	53501 EVIL_T2	2	2	0	0.4	0.7	0.3	0.88	0.33	2	2	0	1200	1200	0
9/27/2023 9:56	46506 LOHA_T1	3	46	43	0.57	0.2	-0.37	-0.41	-0.41	0	0	0	0	0	0
9/27/2023 9:56	46001 BERW_T1	0	0	0	0	0	0	0.92	1.01	0	0	0	0	0	0
9/27/2023 9:56	53501 EVIL_T2	2	2	0	0.4	0.7	0.3	0.44	0.16	1	1	0	600	600	0
9/27/2023 9:56	40101 HUNT_T2	0	0	0	0	0	0	-0.43	-0.46	0	0	0	0	0	0
9/27/2023 9:59	46504 LOHA_T1	49	57	8	0.57	0.67	0.1	0	0	0	0	0	0	0	0
9/27/2023 10:00	67502 WEWI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9/27/2023 10:00	12701 MACU_T1	1	1	0	8	1.8	-6.2	0.22	0.16	0	0	0	0	0	0
9/27/2023 10:00	41901 REED_T1	2	5	3	0.2	0.22	0.02	-1.21	-1.17	1	1	0	900	900	0
9/27/2023 10:00	49804 UNIV_T1	0	1	1	0	0.1	0.1	0	0	0	0	0	0	0	0
9/27/2023 10:00	54206 PENN_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9/27/2023 10:00	45902 AUBU_T1	0	0	0	0	0	0	-0.48	-0.44	1	1	0	600	600	0
9/27/2023 10:00	44301 BEAV_T2	1	1	0	1.1	0.6	-0.5	0	0	0	0	0	0	0	0
9/27/2023 10:00	67604 WARW_T1	0	0	0	0	0	0	0.66	0.67	0	0	0	0	0	0
9/27/2023 10:00	53901 HALI_T2	2	25	23	0.45	0.5	0.05	-0.02	-0.01	0	0	0	0	0	0
9/27/2023 10:00	59102 WALK_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9/27/2023 10:00	67401 WAKE_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9/27/2023 10:00	64802 MONE_T2	1	1	0	0.1	0.2	0.1	0	0	0	0	0	0	0	0
9/27/2023 10:00	52402 GRPA_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9/27/2023 10:00	56802 BENV_T2	1	1	0	1	1.1	0.1	-0.76	-0.67	0	0	0	0	0	0
9/27/2023 10:00	13701 SCHN_T2	1	5	4	0.3	0.4	0.1	0	0	0	0	0	0	0	0
9/27/2023 10:00	67001 STHI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9/27/2023 10:00	12604 MACA_T1	0	0	0	0	0	0	0.32	0.27	0	0	0	0	0	0
9/27/2023 10:00	56603 HAMP_T1	22	0	-22	0.13	0	-0.13	0	0	0	0	0	0	0	0
9/27/2023 10:00	23401 HONE_T2	0	2	2	0	0.6	0.6	-0.15	-0.28	0	0	0	0	0	0
9/27/2023 10:00	13903 SEID_T1	0	0	0	0	0	0	0	0	1	1	0	600	600	0
9/27/2023 10:00	54701 NEBL_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9/27/2023 10:00	46203 DANV_T2	2	7	5	0.1	0.24	0.14	0	0	0	0	0	0	0	0
9/27/2023 10:00	23301 JEFF_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9/27/2023 10:00	53903 HALI_T2	2	2	0	1.4	1.2	-0.2	-0.16	-0.2	0	0	0	0	0	0
9/27/2023 10:00	42201 SHEN_T2	0	0	0	0	0	0	0.39	0.4	0	0	0	0	0	0
9/27/2023 10:00	64301 LINC_T1	0	0	0	0	0	0	0.09	0.03	1	1	0	600	600	0
9/27/2023 10:00	47101 MARL_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9/27/2023 10:00	66504 SMAN_T2	0	0	0	0	0	0	-0.48	-0.43	0	0	0	0	0	0
9/27/2023 10:00	13503 MCMI_T2	0	0	0	0	0	0	-0.01	-0.01	0	0	0	0	0	0
9/27/2023 10:00	15001 BLMO_T1	1	2	1	0.2	0.35	0.15	0	0	0	0	0	0	0	0
9/27/2023 10:00	45802 HEGI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9/27/2023 10:03	44902 SCOT_T2	0	3	3	0	0.27	0.27	-0.91	-0.87	0	0	0	0	0	0
9/27/2023 10:03	44901 SCOT_T2	0	0	0	0	0	0	0.44	0.29	0	0	0	0	0	0
9/27/2023 10:04	44901 SCOT_T2	0	0	0	0	0	0	0.44	0.29	0	0	0	0	0	0
9/27/2023 10:04	52502 PROG_T2	0	0	0	0	0	0	-0.8	-0.75	1	1	0	900	900	0
9/27/2023 10:06	44901 SCOT_T2	0	0	0	0	0	0	0.44	0.29	0	0	0	0	0	0
9/27/2023 10:06	67503 WEWI_T2	0	0	0	0	0	0	-0.28	-0.3	0	0	0	0	0	0
9/27/2023 10:06	20403 ASHF_T2	0	9	9	0	0.31	0.31	1.36	1.26	0	0	0	0	0	0
9/27/2023 10:06	59101 WALK_T2	1	1	0	0	0	0	2.2	2.55	0	0	0	0	0	0
9/27/2023 10:06	13903 SEID_T1	0	0	0	0	0	0	0	0	1	1	0	600	600	0
9/27/2023 10:06	66505 SMAN_T2	0	0	0	0	0	0	0.43	0.56	2	2	0	1100	1100	0
9/27/2023 10:07	59101 WALK_T2	1	1	0	0	0	0	2.2	2.55	0	0	0	0	0	0
9/27/2023 10:07	46302 ROHR_T1	5	4	-1	1.24	1.3	0.06	0	0	0	0	0	0	0	0
9/27/2023 10:07	26603 BROO_T1	3	1	-2	3.03	0.8	-2.23	0.4	0.39	0	0	0	0	0	0
9/27/2023 10:08	56801 BENV_T1	48	50	2	0.87	0.97	0.1	-0.83	-0.84	1	1	0	600	600	0
9/27/2023 10:08	20403 ASHF_T2	0	9	9	0	0.31	0.31	1.36	1.26	0	0	0	0	0	0
9/27/2023 10:08	59101 WALK_T2	0	0	0	0	0	0	2.2	2.55	0	0	0	0	0	0
9/27/2023 10:09	59101 WALK_T2	1	1	0	0	0	0	2.2	2.55	0	0	0	0	0	0
9/27/2023 10:10	17802 GILB_T1	4	4	0	0.5	0.75	0.25	0.09	0.11	0	0	0	0	0	0
9/27/2023 10:10	53501 EVIL_T2	2	1	-1	0.4	0.5	0.1	0.33	-0.05	2	2	0	1200	1200	0
9/27/2023 10:10	45802 HEGI_T2	0	0	0	0	0	0	0.91	1.02	0	0	0	0	0	0
9/27/2023 10:10	46501 LOHA_T1	1	0	-1	1	0	-1	0	0	0	0	0	0	0	0
9/27/2023 10:10	42701 AUGU_T1	1	1	0	0.7	0.6	-0.1	0	0	4	4	0	3600	3600	0
9/27/2023 10:10	26603 BROO_T1	3	1	-2	3.03	0.8	-2.23	0.4	0.39	0	0	0	0	0	0
9/27/2023 10:11	46503 LOHA_T1	11	0	-11	0.2	0	-0.2	-0.62	-0.6	0	0	0	0	0	0
9/27/2023 10:11	41602 CLEV_T1	0	0	0	0	0	0	0	0	3	0	-3	1800	0	-1800
9/27/2023 10:11	41801 GOCI_T2	0	2	2	0	0.15	0.15	0	0	0	0	0	0	0	0
9/27/2023 10:11	56801 BENV_T1	48	50	2	0.87	0.97	0.1	-0.83	-0.84	1	1	0	600	600	0
9/27/2023 10:11	17804 GILB_T2	3	5	2	0.77	0.6	-0.17	-0.57	-0.56	0	0	0	0	0	0
9/27/2023 10:11	53501 EVIL_T2	2	1	-1	0.4	0.5	0.1	0.16	-0.03	1	1	0	600	600	0
9/27/2023 10:12	40101 HUNT_T2	0	0	0	0	0	0	-0.92	-0.46	0	0	0	0	0	0
9/27/2023 10:12	60803 BUCK_T1	3	4	1	0.1	0.13	0.03	0	0	0	0	0	0	0	0
9/27/2023 10:13	53601 DALM_T2	1	1	0	0.2	0.6	0.4	-0.21	-0.23	0	0	0	0	0	0
9/27/2023 10:13	28403 HART_T2	0	0	0	0	0	0	-0.74	-0.73	1	1	0	900	900	0
9/27/2023 10:13	65604 QVIL_T2	0	0	0	0	0	0	0.38	0.38	0	0	0	0	0	0
9/27/2023 10:13	52402 GRPA_T2	1	5	4	3	1	-2	0	0	0	0	0	0	0	0
9/27/2023 10:15	46503 LOHA_T1	0	0	0	0	0	0	-0.6	-0.62	0	0	0	0	0	0
9/27/2023 10:15	64802 MONE_T2	1	1	0	0.2	0.1	-0.1	0.3	0.3	0	0	0	0	0	0
9/27/2023 10:15	40902 JESH_T1	0	0	0	0	0	0	0.23	0.35	1	1	0	600	600	0
9/27/2023 10:16	54206 PENN_T2	0	0	0	0	0	0	0.04	0.03	0	0	0	0	0	0
9/27/2023 10:16	65604 QVIL_T2	0	0	0	0	0	0	0.38	0.39	0	0	0	0	0	0
9/27/2023 10:16	56503 ROCK_T2	1	2	1	0.1	0.15	0.05	0	0	0	0	0	0	0	0
9/27/2023 10:16	43202 MVIL_T2	1	1	0	0.3	0.2	-0.1	-0.65	-0.64	0	0	0	0	0	0
9/27/2023 10:16	54701 NEBL_T1	2	5	3	0.15	0.18	0.03	0	0	1	1	0	600	600	0
9/27/2023 10:16	52403 GRPA_T2	0	2	2	0	0.25	0.25	-0.02	-0.02	0	0	0	0	0	0
9/27/2023 10:16	47101 MARL_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9/27/2023 10:17	42001 MNVL_T2	2	4	2	0.65	0.48	-0.17	0.03	0.06	0	0	0	0	0	0
9/27/2023 10:17	50506 MECH_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9/27/2023 10:17	43202 MVIL_T2	1	1	0	0.3	0.2	-0.1	-0.65	-0.64	0	0	0	0	0	0
9/27/2023 10:19	14404 SSLA_T1	6	6	0	0.38	0.35	-0.03	0	0	0	0	0	0	0	0
9/27/2023 10:20	43304 WATS_T2	0	0	0	0	0	0	-0.62	-0.51	0	0	0	0	0	0
9/27/2023 10:21	43301 WATS_T2	1	1	0	0.4	0.3	-0.1	0	0	0	0	0	0	0	0
9/27/2023 10:21	14402 SSLA_T1	4	3	-1	0.23	0.3	0.07	0	0	0	0	0	0	0	0
9/27/2023 10:21	56802 BENV_T2	1	1	0	1.1	1.2	0.1	-0.67	-0.74	0	0	0	0	0	0
9/27/2023 10:21	44301 BEAV_T2	1	1	0	0.6	0.6	0	0.79	0.81	2	2	0	1500	1500	0
9/27/2023 10:21	67502 WEWI_T2	8	29	21	0.13	0.17	0.04	-0.28	-0.28	0	0	0	0	0	0
9/27/2023 10:21	67001 STHI_T2	11	9	-2	0.22	0.27	0.05	0.07	0.06	0	0	0	0	0	0
9/27/2023 10:22	67001 STHI_T2	11	9	-2	0.22	0.27	0.05	0	0	0	0	0	0	0	0
9/27/2023 10:22	60801 BUCK_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9/27/2023 10:22	44301 BEAV_T2	1	1	0	0.6	0.6	0	0.79	0.81	2	2	0	1500	1500	0
9/27/2023 10:22	67502 WEWI_T2	8	29	21	0.13	0.17	0.04	-0.28	-0.28	0	0	0	0	0	0
9/27/2023 10:22	56501 ROCK_T2	7	7	0	0.4	0.43	0.03	-0.47	-0.48	0	0	0	0	0	0
9/27/2023 10:22	56802 BENV_T2	1	1	0	1.1	1.2	0.1	-1.34	-1.48	0	0	0	0	0	0
9/27/2023 10:24	43301 WATS_T2	1	1	0	0.4	0.3	-0.1	0	0	0	0	0	0	0	0
9/27/2023 10:24	67502 WEWI_T2	8	29	21	0.13	0.17	0.04	-0.28	-0.28	0	0	0	0	0	0
9/27/2023 10:24	56802 BENV_T2	1	1	0	1.1	1.2	0.1	-0.67	-0.74	0	0	0	0	0	0
9/27/2023 10:25	46501 LOHA_T1	0	0	0	0	0	0	0.5	0.52	0	0	0	0	0	0
9/27/2023 10:25	17802 GILB_T1	4	4	0	0.58	0.9	0.32	0.22	0.18	0	0	0	0	0	0
9/27/2023 10:25	67502 WEWI_T2	8	29	21	0.13	0.17	0.04	0	0	0	0	0	0	0	0
9/27/2023 10:26	60101 COCA_T1	0	0	0	0	0	0	0.35	0.34	0	0	0	0	0	0
9/27/2023 10:26	46504 LOHA_T1	0	3	3	0	0.2	0.2	0	0	0	0	0	0	0	0
9/27/2023 10:26	67502 WEWI_T2	8	29	21	0.13	0.17	0.04	-0.57	-0.57	0	0	0	0	0	0
9/27/2023 10:26	61801 EELI_T2	2	2	0	1.75	1.65	-0.1	-0.82	-0.8	1	1	0	600	600	0
9/27/2023 10:26	56802 BENV_T2	1	1	0	1.1	1.2	0.1	-0.67	-0.74	0	0	0	0	0	0
9/27/2023 10:26	44301 BEAV_T2	1	1	0	0.6	0.6	0	0.79	0.81	2	2	0	1500	1500	0
9/27/2023 10:27	53903 HALI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9/27/2023 10:27	28604 BLYT_T2	0	0	0	0	0	0	-1.42	-1.41	0	0	0	0	0	0
9/27/2023 10:27	56802 BENV_T2	1	1	0	1.1	1.2	0.1	-1.34	-1.48	0	0	0	0	0	0
9/27/2023 10:29	41601 CLEV_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9/27/2023 10:29	43402 BENT_T1	1	2	1	0.3	0.45	0.15	-0.86	-0.81	1	1	0	900	900	0
9/27/2023 10:30	64305 LINC_T1	0	0	0	0	0	0	0.12	-0.01	0	0	0	0	0	0
9/27/2023 10:31	45702 LIND_T2	0	1	1	0	0.3	0.3	-0.35	-0.35	0	0	0	0	0	0
9/27/2023 10:32	44601 SALE_T2	0	0	0	0	0	0	0.32	0.56	4	2	-2	1800	1200	-600
9/27/2023 10:32	12701 MACU_T1	1	1	0	1.8	2	0.2	0.22	0.16	0	0	0	0	0	0
9/27/2023 10:33	58402 MORO_T1	0	0	0	0	0	0	-1.04	-1.05	2	2	0	1500	1500	0
9/27/2023 10:33	50506 MECH_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9/27/2023 10:36	42201 SHEN_T2	0	1	1	0	0.1	0.1	0.43	0.39	0	0	0	0	0	0
9/27/2023 10:36	56801 BENV_T1	48	53	5	0.91	1.37	0.46	-0.84	-0.82	1	1	0	600	600	0
9/27/2023 10:36	28604 BLYT_T2	0	0	0	0	0	0	-1.41	-1.41	0	0	0	0	0	0
9/27/2023 10:36	66504 SMAN_T2	0	0	0	0	0	0	-0.42	-0.43	0	0	0	0	0	0
9/27/2023 10:37	56803 BENV_T1	0	4	4	0	0.18	0.18	0	0	0	0	0	0	0	0
9/27/2023 10:37	42201 SHEN_T2	0	1	1	0	0.1	0.1	0.43	0.39	0	0	0	0	0	0
9/27/2023 10:37	29402 BELT_T1	5	6	1	0.54	0.57	0.03	0	0	0	0	0	0	0	0
9/27/2023 10:37	61001 DONV_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9/27/2023 10:38	59101 WALK_T2	1	1	0	0	0	0	1.44	2.33	1	0	-1	600	0	-600
9/27/2023 10:38	56803 BENV_T1	0	4	4	0	0.18	0.18	0	0	0	0	0	0	0	0
9/27/2023 10:41	46801 HEPB_T2	2	2	0	1	1	0	0.64	0.67	0	0	0	0	0	0
9/27/2023 10:42	56803 BENV_T1	0	4	4	0	0.18	0.18	0	0	0	0	0	0	0	0
9/27/2023 10:42	67502 WEWI_T2	13	140	127	0.17	0.2	0.03	0	0	0	0	0	0	0	0
9/27/2023 10:43	28805 LAKE_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9/27/2023 10:44	28801 LAKE_T1	260	250	-10	0.66	0.51	-0.15	0	0	0	0	0	0	0	0
9/27/2023 10:47	65001 NEFF_T2	0	0	0	0	0	0	-0.4	-0.34	1	1	0	1200	1200	0
9/27/2023 10:47	59402 RFLD_T2	0	0	0	0	0	0	-1.23	-1.18	1	1	0	450	450	0
9/27/2023 10:48	58402 MORO_T1	0	0	0	0	0	0	-1.05	-0.98	2	2	0	1500	1500	0
9/27/2023 10:49	15604 NSTR_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9/27/2023 10:49	66505 SMAN_T2	0	0	0	0	0	0	0.49	0.59	2	2	0	1100	1100	0
9/27/2023 10:50	58402 MORO_T1	0	0	0	0	0	0	-1.05	-0.98	2	2	0	1500	1500	0
9/27/2023 10:52	67402 WAKE_T2	1	1	0	6.8	7.2	0.4	0	0	0	0	0	0	0	0
9/27/2023 10:52	66701 STRA_T1	0	1	1	0	0.3	0.3	0	0	0	0	0	0	0	0
9/27/2023 10:52	45902 AUBU_T1	0	0	0	0	0	0	-0.36	-0.34	1	1	0	600	600	0
9/27/2023 10:55	45902 AUBU_T1	0	0	0	0	0	0	-0.36	-0.34	1	1	0	600	600	0
9/27/2023 10:57	17805 GILB_T2	0	2	2	0	0.45	0.45	0.32	0.32	0	0	0	0	0	0
9/27/2023 10:57	40101 HUNT_T2	0	0	0	0	0	0	-0.42	-0.43	0	0	0	0	0	0
9/27/2023 10:58	52402 GRPA_T2	5	9	4	0.94	1.09	0.15	0	0	0	0	0	0	0	0
9/27/2023 10:58	17804 GILB_T2	5	5	0	0.44	0.66	0.22	0	0	0	0	0	0	0	0
9/27/2023 10:58	64303 LINC_T1	0	0	0	0	0	0	-0.26	-0.25	0	0	0	0	0	0
9/27/2023 10:59	28403 HART_T2	0	0	0	0	0	0	-0.71	-0.69	1	1	0	900	900	0
9/27/2023 11:00	42903 MIDD_T2	0	2	2	0	0.2	0.2	0	0	0	0	0	0	0	0
9/27/2023 11:03	54001 SDLE_T1	8	11	3	0.41	1.13	0.72	0	0	0	0	0	0	0	0
9/27/2023 11:03	67204 TEHI_T2	0	0	0	0	0	0	-0.05	-0.07	0	0	0	0	0	0
9/27/2023 11:03	64801 MONE_T2	3	8	5	0.33	0.26	-0.07	0.25	0.24	0	0	0	0	0	0
9/27/2023 11:03	59402 RFLD_T2	0	0	0	0	0	0	-1.18	-1.14	1	1	0	450	450	0
9/27/2023 11:04	54001 SDLE_T1	8	11	3	0.41	1.13	0.72	0	0	0	0	0	0	0	0
9/27/2023 11:06	59402 RFLD_T2	0	0	0	0	0	0	-1.18	-1.14	1	1	0	450	450	0
9/27/2023 11:07	13701 SCHN_T2	5	7	2	0.34	0.4	0.06	0	0	0	0	0	0	0	0
9/27/2023 11:07	67203 TEHI_T1	1	2	1	0	0.1	0.1	2.42	2.43	2	2	0	1500	1500	0
9/27/2023 11:07	56803 BENV_T1	4	5	1	0.18	0.24	0.06	0	0	0	0	0	0	0	0
9/27/2023 11:08	56803 BENV_T1	4	5	1	0.18	0.24	0.06	0	0	0	0	0	0	0	0
9/27/2023 11:08	49803 UNIV_T1	0	0	0	0	0	0	-1.13	-1.11	0	0	0	0	0	0
9/27/2023 11:08	56802 BENV_T2	135	172	37	0.23	0.28	0.05	-2.76	-2.8	0	0	0	0	0	0
9/27/2023 11:09	56803 BENV_T1	4	5	1	0.18	0.24	0.06	0.23	0.2	0	0	0	0	0	0
9/27/2023 11:09	28602 BLYT_T2	0	0	0	0	0	0	0.15	0.12	0	0	0	0	0	0
9/27/2023 11:09	56803 B

9/27/2023 11:40	28604 BLYT_T2	0	0	1	0	0	0	-1.41	-1.42	0	0	0	0	0	0
9/27/2023 11:40	67503 WEWI_T2	0	0	0	0	0	0	-0.28	-0.28	0	0	0	0	0	0
9/27/2023 11:40	67503 WEWI_T2	0	0	0	0	0	0	-0.28	-0.28	0	0	0	0	0	0
9/27/2023 11:41	67503 WEWI_T2	0	0	0	0	0	0	-0.28	-0.28	0	0	0	0	0	0
9/27/2023 11:41	28604 BLYT_T2	0	0	0	0	0	0	-1.41	-1.42	0	0	0	0	0	0
9/27/2023 11:42	65601 QVIL_T2	1	1	0	0.1	0.3	0.2	0	0	0	0	0	0	0	0
9/27/2023 11:42	67502 WEWI_T2	25	67	42	0.2	0.19	-0.01	-0.24	-0.25	0	0	0	0	0	0
9/27/2023 11:43	52402 GRPA_T2	9	11	2	0.97	1.08	0.11	0	0	0	0	0	0	0	0
9/27/2023 11:44	67502 WEWI_T2	25	67	42	0.2	0.19	-0.01	0	0	0	0	0	0	0	0
9/27/2023 11:45	65604 QVIL_T2	0	0	0	0	0	0	0.45	0.41	0	0	0	0	0	0
9/27/2023 11:45	67502 WEWI_T2	41	82	41	0.2	0.21	0.01	0	0	0	0	0	0	0	0
9/27/2023 11:45	42902 MIDD_T2	3	7	4	0.37	0.53	0.16	-0.32	-0.41	1	0	-1	600	0	-600
9/27/2023 11:45	41602 CLEV_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9/27/2023 11:45	45802 HEGI_T2	0	0	0	0	0	0	1.07	0.77	0	0	0	0	0	0
9/27/2023 11:45	52402 GRPA_T2	9	11	2	1.22	1	-0.22	0	0	0	0	0	0	0	0
9/27/2023 11:46	52401 GRPA_T2	2	5	3	0.65	0.32	-0.33	0	0	0	0	0	0	0	0
9/27/2023 11:46	13105 NHAM_T2	0	0	0	0	0	0	-0.25	-0.27	1	1	0	1200	1200	0
9/27/2023 11:47	42902 MIDD_T2	3	7	4	0.37	0.53	0.16	-0.32	-0.41	1	0	-1	600	0	-600
9/27/2023 11:47	13903 SEID_T1	0	1	1	0	0	0	0	0	1	1	0	600	600	0
9/27/2023 11:48	67002 STHI_T2	7	16	9	0.14	0.23	0.09	0.83	0.82	0	0	0	0	0	0
9/27/2023 11:49	67002 STHI_T2	7	16	9	0.14	0.23	0.09	0.83	0.82	0	0	0	0	0	0
9/27/2023 11:49	67203 TEHI_T1	1	3	2	0	0	0	1.8	1.7	2	2	0	1500	1500	0
9/27/2023 11:50	67002 STHI_T2	7	16	9	0.14	0.23	0.09	0.83	0.82	0	0	0	0	0	0
9/27/2023 11:50	67001 STHI_T2	10	70	60	0.3	0.14	-0.16	0.07	0.09	0	0	0	0	0	0
9/27/2023 11:51	67204 TEHI_T2	0	1	1	0	0.1	0.1	-0.08	-0.08	0	0	0	0	0	0
9/27/2023 11:52	67204 TEHI_T2	0	1	1	0	0.1	0.1	-0.08	-0.08	0	0	0	0	0	0
9/27/2023 11:52	67002 STHI_T2	7	16	9	0.14	0.23	0.09	0.83	0.82	0	0	0	0	0	0
9/27/2023 11:55	67503 WEWI_T2	0	1	1	0	0.2	0.2	0	0	0	0	0	0	0	0
9/27/2023 11:57	52402 GRPA_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9/27/2023 11:57	67503 WEWI_T2	0	1	1	0	0.2	0.2	-0.56	-0.56	0	0	0	0	0	0
9/27/2023 11:57	41602 CLEV_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9/27/2023 11:58	65604 QVIL_T2	0	0	0	0	0	0	0.45	0.41	0	0	0	0	0	0
9/27/2023 11:58	67503 WEWI_T2	0	1	1	0	0.2	0.2	0	0	0	0	0	0	0	0
9/27/2023 11:59	53903 HAU_T2	2	6	4	1.2	0.58	-0.62	0	0	0	0	0	0	0	0
9/27/2023 12:00	67503 WEWI_T2	0	2	2	0	0.15	0.15	-0.56	-0.58	0	0	0	0	0	0
9/27/2023 12:00	53901 HAU_T2	3	3	0	0.37	0.57	0.2	0.01	-0.01	0	0	0	0	0	0
9/27/2023 12:00	59003 MIFF_T1	0	1	1	0	0.2	0.2	-0.34	-0.35	0	0	0	0	0	0
9/27/2023 12:00	67503 WEWI_T2	0	2	2	0	0.15	0.15	-0.56	-0.58	0	0	0	0	0	0
9/27/2023 12:01	42902 MIDD_T2	6	5	1	0.55	0.3	-0.25	-0.41	0.23	0	0	0	0	0	0
9/27/2023 12:01	65604 QVIL_T2	0	0	0	0	0	0	0.41	0.41	0	0	0	0	0	0
9/27/2023 12:01	53903 HAU_T2	6	7	1	0.53	0.67	0.14	0	0	0	0	0	0	0	0
9/27/2023 12:02	59001 MIFF_T1	1	3	2	0.1	0.7	0.6	0	0	0	0	0	0	0	0
9/27/2023 12:03	42903 MIDD_T2	2	2	0	0.7	1.4	0.7	0	0	0	0	0	0	0	0
9/27/2023 12:03	52502 PROG_T2	1	2	1	0.2	0.15	-0.05	-0.74	-0.71	1	1	0	900	900	0
9/27/2023 12:09	65604 QVIL_T2	0	0	0	0	0	0	0.41	0.41	0	0	0	0	0	0
9/27/2023 12:11	65604 QVIL_T2	0	0	0	0	0	0	0.41	0.41	0	0	0	0	0	0
9/27/2023 12:13	45003 LIME_2	1	1	0	3.2	4.7	1.5	0	0	1	1	0	1200	1200	0
9/27/2023 12:13	41602 CLEV_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9/27/2023 12:15	53903 HAU_T2	6	7	1	0.57	0.7	0.13	-0.12	-0.13	0	0	0	0	0	0
9/27/2023 12:16	67904 WNHO_T1	0	0	0	0	0	0	-2.02	-2.09	2	2	0	2100	2100	0
9/27/2023 12:17	42903 MIDD_T2	2	2	0	1.4	1.35	-0.05	0	0	0	0	0	0	0	0
9/27/2023 12:18	45001 LIME_2	19	27	8	0.25	0.3	0.05	0	0	0	0	0	0	0	0
9/27/2023 12:18	67904 WNHO_T1	0	0	0	0	0	0	-2.02	-2.09	2	2	0	2100	2100	0
9/27/2023 12:19	67904 WNHO_T1	0	0	0	0	0	0	-2.02	-2.09	2	2	0	2100	2100	0
9/27/2023 12:19	42902 MIDD_T2	5	2	-3	0.3	0.35	0.05	0.23	0.22	0	0	0	0	0	0
9/27/2023 12:21	67605 WARW_T1	11	16	5	0.32	0.55	0.23	-1.04	-1.08	0	0	0	0	0	0
9/27/2023 12:32	59301 MCAL_T1	28	5	-23	0.28	0.24	-0.04	-1.51	-1.45	1	1	0	600	600	0
9/27/2023 12:33	13105 NHAM_T2	0	0	0	0	0	0	-0.25	-0.24	1	1	0	1200	1200	0
9/27/2023 12:33	59301 MCAL_T1	28	5	-23	0.28	0.24	-0.04	-3.02	-2.9	2	2	0	1200	1200	0
9/27/2023 12:45	42902 MIDD_T2	1	6	5	0.5	0.6	0.1	-0.44	-0.4	0	1	1	0	600	600
9/27/2023 12:59	52403 GRPA_T2	2	11	9	1	0.18	-0.82	0.04	0.06	0	0	0	0	0	0
9/27/2023 12:59	52401 GRPA_T2	1	1	0	0.1	0.2	0.1	-0.51	-0.51	0	0	0	0	0	0
9/27/2023 13:00	45001 LIME_2	0	1	1	0	0.2	0.2	0	0	0	0	0	0	0	0
9/27/2023 13:03	57304 MOAL_T2	3	6	3	0.2	0.18	-0.02	-0.59	-0.58	0	0	0	0	0	0
9/27/2023 13:05	15604 NSTR_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9/27/2023 13:10	42903 MIDD_T2	2	2	0	0.55	0.65	0.1	0	0	0	0	0	0	0	0
9/27/2023 13:12	11104 EGYP_T1	0	0	0	0	0	0	0.51	0.5	0	0	0	0	0	0
9/27/2023 13:14	59301 MCAL_T1	3	5	2	0.3	0.26	-0.04	0	0	0	0	0	0	0	0
9/27/2023 13:21	15604 NSTR_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9/27/2023 13:22	45902 AUBU_T1	0	0	0	0	0	0	-0.41	-0.46	1	1	0	600	600	0
9/27/2023 13:23	45902 AUBU_T1	0	0	0	0	0	0	-0.41	-0.46	1	1	0	600	600	0
9/27/2023 13:23	13503 MCMI_T2	0	0	0	0	0	0	-0.01	-0.01	0	0	0	0	0	0
9/27/2023 13:26	61303 EARL_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9/27/2023 13:26	45902 AUBU_T1	0	0	0	0	0	0	-0.41	-0.46	1	1	0	600	600	0
9/27/2023 13:27	61001 DONV_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9/27/2023 13:30	42401 GIMA_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9/27/2023 13:30	59301 MCAL_T1	1	4	3	0.2	0.25	0.05	0	0	0	0	0	0	0	0
9/27/2023 13:31	45802 HEGI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9/27/2023 13:34	50506 MECH_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9/27/2023 13:34	43301 WATS_T2	1	0	-1	0.1	0	-0.1	0	0	0	0	0	0	0	0
9/27/2023 13:37	15604 NSTR_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9/27/2023 13:42	52401 GRPA_T2	4	3	-1	0.35	0.53	0.18	0	0	0	0	0	0	0	0
9/27/2023 13:42	61303 EARL_T1	0	0	0	0	0	0	0.99	0.83	0	0	0	0	0	0
9/27/2023 13:42	41602 CLEV_T1	1	1	0	0.6	0.7	0.1	0	0	0	0	0	0	0	0
9/27/2023 13:44	52401 GRPA_T2	4	3	-1	0.35	0.53	0.18	0	0	0	0	0	0	0	0
9/27/2023 13:46	65902 SAKR_T2	0	0	0	0	0	0	0.05	-0.01	1	1	0	300	300	0
9/27/2023 13:46	42401 GIMA_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9/27/2023 13:47	23301 JEFF_T1	1	2	1	0.1	0.4	0.3	0	0	0	0	0	0	0	0
9/27/2023 13:47	42903 MIDD_T2	2	2	0	0.45	1.1	0.65	0	0	0	0	0	0	0	0
9/27/2023 13:49	59402 RFLD_T2	0	0	0	0	0	0	-0.5	-0.49	1	1	0	450	450	0
9/27/2023 13:50	60502 NMAN_T2	0	0	0	0	0	0	-0.15	-0.21	0	0	0	0	0	0
9/27/2023 13:51	59402 RFLD_T2	0	0	0	0	0	0	-0.5	-0.49	1	1	0	450	450	0
9/27/2023 13:52	59402 RFLD_T2	0	0	0	0	0	0	-0.5	-0.49	1	1	0	450	450	0
9/27/2023 13:53	56604 HAMP_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9/27/2023 14:03	15604 NSTR_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9/27/2023 14:06	45303 WBER_T2	70	187	117	0.5	0.62	0.12	-0.72	-0.72	0	0	0	0	0	0
9/27/2023 14:06	42701 AUGU_T1	1	2	1	0.2	0.4	0.2	0	0	2	2	0	1800	1800	0
9/27/2023 14:07	45902 AUBU_T1	0	3	3	0	0.27	0.27	-0.56	-0.66	2	1	0	600	600	0
9/27/2023 14:07	42701 AUGU_T1	1	2	1	0.2	0.4	0.2	0	0	2	2	0	1800	1800	0
9/27/2023 14:08	45302 WBER_T2	1	2	1	0.1	0.45	0.35	0	0	0	0	0	0	0	0
9/27/2023 14:09	45302 WBER_T2	1	2	1	0.1	0.45	0.35	0	0	0	0	0	0	0	0
9/27/2023 14:09	45902 AUBU_T1	0	3	3	0	0.27	0.27	-0.56	-0.66	2	1	0	600	600	0
9/27/2023 14:11	46001 BERW_T1	0	0	0	0	0	0	2.06	2.1	0	0	0	0	0	0
9/27/2023 14:12	65902 SAKR_T2	0	0	0	0	0	0	-0.01	0.01	1	1	0	300	300	0
9/27/2023 14:12	67502 WEWI_T2	9	9	0	0.21	0.26	0.05	-0.59	-0.34	0	0	0	0	0	0
9/27/2023 14:13	67502 WEWI_T2	9	9	0	0.21	0.26	0.05	0	0	0	0	0	0	0	0
9/27/2023 14:13	61303 EARL_T1	0	0	0	0	0	0	0.67	0.64	0	0	0	0	0	0
9/27/2023 14:14	40101 HUNT_T2	0	0	0	0	0	0	-0.6	-0.42	0	0	0	0	0	0
9/27/2023 14:15	40101 HUNT_T2	0	0	0	0	0	0	-0.3	-0.21	0	0	0	0	0	0
9/27/2023 14:15	67502 WEWI_T2	8	9	1	0.25	0.28	0.03	-0.11	-0.23	0	0	0	0	0	0
9/27/2023 14:16	59001 MIFF_T1	3	3	0	0.53	0.57	0.04	0	0	0	0	0	0	0	0
9/27/2023 14:18	42001 MNVL_T2	1	1	0	3.2	3.3	0.1	0	0	0	0	0	0	0	0
9/27/2023 14:18	52502 PROG_T2	1	1	0	0.1	0.1	0	-0.72	-0.7	1	1	0	900	900	0
9/27/2023 14:19	52502 PROG_T2	1	1	0	0.1	0.1	0	-0.72	-0.7	1	1	0	900	900	0
9/27/2023 14:20	52502 PROG_T2	1	1	0	0.1	0.1	0	-0.72	-0.7	1	1	0	900	900	0
9/27/2023 14:21	44301 BEAV_T2	2	1	-1	0.1	0.2	0.1	-0.05	-0.41	2	1	-1	1500	600	-900
9/27/2023 14:21	13503 MCMI_T2	1	1	0	0.2	0.1	-0.1	-0.01	-0.01	0	0	0	0	0	0
9/27/2023 14:22	67605 WARW_T1	10	15	5	0.57	0.49	-0.08	-1.04	-1.06	0	0	0	0	0	0
9/27/2023 14:22	45301 WBER_T2	1	0	-1	0.1	0	-0.1	0	0	0	0	0	0	0	0
9/27/2023 14:23	44301 BEAV_T2	2	1	-1	0.1	0.2	0.1	-0.1	-0.82	4	2	-2	3000	1200	-1800
9/27/2023 14:23	44302 BEAV_T2	8	119	111	0.26	0.41	0.15	0.56	0.58	0	0	0	0	0	0
9/27/2023 14:23	45902 AUBU_T1	3	0	-3	0.27	0	-0.27	-0.66	-0.53	1	1	0	600	600	0
9/27/2023 14:24	45301 WBER_T2	1	0	-1	0.1	0	-0.1	0	0	0	0	0	0	0	0
9/27/2023 14:24	67502 WEWI_T2	8	9	1	0.25	0.28	0.03	-0.11	-0.23	0	0	0	0	0	0
9/27/2023 14:24	61303 EARL_T1	0	0	0	0	0	0	1.28	1.09	0	0	0	0	0	0
9/27/2023 14:25	45902 AUBU_T1	3	0	-3	0.27	0	-0.27	-0.66	-0.53	1	1	0	600	600	0
9/27/2023 14:25	44302 BEAV_T2	8	119	111	0.26	0.41	0.15	0	0	0	0	0	0	0	0
9/27/2023 14:26	44302 BEAV_T2	8	119	111	0.26	0.41	0.15	0	0	0	0	0	0	0	0
9/27/2023 14:27	44302 BEAV_T2	8	119	111	0.26	0.41	0.15	0.28	0.29	0	0	0	0	0	0
9/27/2023 14:27	67503 WEWI_T2	0	0	0	0	0	0	-0.54	-0.56	0	0	0	0	0	0
9/27/2023 14:27	67503 WEWI_T2	0	0	0	0	0	0	-0.54	-0.56	0	0	0	0	0	0
9/27/2023 14:27	46005 BERW_T1	0	1	1	0	0.2	0.2	0	0	0	0	0	0	0	0
9/27/2023 14:28	65904 SAKR_T2	3	3	0	0.17	0.2	0.03	0	0	0	0	0	0	0	0
9/27/2023 14:28	45802 HEGI_T2	0	0	0	0	0	0	1.3	1.42	1	1	0	300	300	0
9/27/2023 14:28	67502 WEWI_T2	8	9	1	0.25	0.28	0.03	-0.11	-0.23	0	0	0	0	0	0
9/27/2023 14:29	53903 HAU_T2	4	5	1	0.55	0.48	-0.07	0	0	0	0	0	0	0	0
9/27/2023 14:29	67503 WEWI_T2	0	0	0	0	0	0	-0.28	-0.27	0	0	0	0	0	0
9/27/2023 14:29	61303 EARL_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9/27/2023 14:29	42001 MNVL_T2	2	3	1	0.65	0.47	-0.18	0.08	0.11	0	0	0	0	0	0
9/27/2023 14:30	42902 MIDD_T2	22	7	-15	0.37	0.26	-0.11	-0.25	-0.23	0	0	0	0	0	0
9/27/2023 14:30	47802 MOCA_T2	5	2	-3	0.5	1.05	0.55	-1	-1	0	0	0	0	0	0
9/27/2023 14:30	67502 WEWI_T2	9	18	9	0.22	0.23	0.01	-0.23	-0.24	0	0	0	0	0	0
9/27/2023 14:32	13503 MCMI_T2	1	0	-1	0.1	0	-0.1	-0.01	-0.01	0	0	0	0	0	0
9/27/2023 14:33	40902 JESH_T1	0	0	0	0	0	0	0.49	0.34	0	0	0	0	0	0
9/27/2023 14:34	13105 NHAM_T2	0	0	0	0	0	0	-0.21	-0.21	1	1	0	1200	1200	0
9/27/2023 14:34	58402 MORO_T1	0	0	0	0	0	0	-1.03	-1.03	2	2	0	1500	1500	0
9/27/2023 14:35	58401 MORO_T1	0	1	1	0	0.1	0.1	0	0	0	0	0	0	0	0
9/27/2023 14:37	66703 STRA_T1	0	0	0	0	0	0	0.01	-0.02	0	0	0	0	0	0
9/27/2023 14:37	44301 BEAV_T2	1	0	-1	0.2	0	-0.2	0	0	0	0	0	0	0	0
9/27/2023 14:37	67203 TEHI_T1	1	1	0	0	0	0	2.02	1.95	2	2	0	1500	1500	0
9/27/2023 14:38	28602 BLYT_T2	1	1	0	0.2	0.2	0	0	0	0	0	0	0	0	0
9/27/2023 14:38	44302 BEAV_T2	118	62	-56	0.42	0.42	0	0.58	0.58	0	0	0	0	0	0
9/27/2023 14:39	27502 WEIS_T2	0	1	1	0	0.2	0.2	-0.38	-0.38	0	0	0	0	0	0
9/27/2023 14:39	44302 BEAV_T2	118	62	-56	0.42	0.42	0	0.29	0.29	0	0	0	0	0	0
9/27/2023 14:41	28604 BLYT_T2	1	0	-1	0.2	0	-0.2	-1.37	-1.38	0	0	0	0	0	0
9/27/2023 14:41	41802 GOCJ_T2	0	2	2	0	0.1	0.1	0	0	0	0	0	0	0	0
9/27/2023 14:42	61701 ELIZ_T1	1	1	0	4.7	4.7	0	1.5	1.57	0	0	0	0	0	0
9/27/2023 14:42	52402 GRPA_T2	14	10	-4	0.71	1	0.29	0	0	0	0	0	0	0	0
9/27/2023 14:43	67503 WEWI_T2	0	0	0	0	0	0	-0.28	-0.27	0	0	0	0	0	0
9/27/2023 14:43	67503 WEWI_T2	0	0	0	0	0	0	-0.28	-0.27	0	0	0	0	0	0
9/27/2023 14:44	52402 GRPA_T2	14	10	-4	0.71	1	0.29	0	0	0	0	0	0	0	0
9/27/2023 14:44	42903 MIDD_T2	3	2	-1	1.27	1.75	0.48	0.33	0.42	1	1	0	1200	1200	0
9/27/2023 14:44	67502 WEWI_T2	9	18	9	0.22	0.23	0.01	-0.24	-0.25	0	0	0	0	0	0
9/27/2023 14:44	67502 WEWI_T2	9	18	9	0.22	0.23	0.01	-0.24	-0.25	0	0	0	0	0	0
9/27/2023 14:44	65904 SAKR_T2	3	3	0	0.17	0.2	0.03	0	0	0	0	0	0	0	0
9/27/2023 14:45	67502 WEWI_T2	8	107	99	0.28	0.2	-0.08	0	0	0	0	0	0	0	0
9/27/2023 14:46	47802 MOCA_T2	2	2	0	1.05	0.75	-0.3	-1	0.32	0	0	0	0	0	0
9/27/2023 14:46	42903 MIDD_T2	2	2	0	1.75	1.45	-0.3	0	0	0	0	0	0	0	0
9/27/2023 14:46	58402 MORO_T1	0	0	0	0	0	0	-1.03	-0.98	2	2	0	1500	1500	0
9/27/2023 14:46	67502 WEWI_T2	8	107	99	0.28	0.2	-0.08	-0.24	-0.25	0	0	0	0	0	0
9/27/2023 14:48	10805 CHHI_T2	2	2	0	3.95	7.5	3.55	-1.29	-0.26	2	1	-1	1800	600	-1200
9/27/2023 14:48	57304 MOAL_T2	14	58	44	0.19	0.48	0.29	-0.52	-0.61	0	0	0	0	0	0
9/27/2023 14:48	40902 JESH_T1	0	0	0	0	0	0	0.34	0.51	0	0	0	0	0	0
9/27/2023 14:48	65001 NEFF_T2	0	0	0	0	0	0	0.45	0.37	1	1	0	1200	1200	0
9/27/2023 14:49	42903 MIDD_T2	2	2	0	1.75	1.45	-0.3	0	0	0	0	0	0	0	0
9/27/2023 14:50	58402 MORO_T1	0	0	0	0	0	0	-1.03	-0.98	2	2	0	1500	1500	0
9/27/2023 14:50	13105 NHAM_T2	0	0	0	0	0	0	-0.21	-0.19	1	1	0	1200

Appendix C - Grid Benefits Achieved in Each Instance of Active Management

9/27/2023 15:10	60101 COCA_T1	0	0	0	0	0	0	0.32	0.31	0	0	0	0	0	0
9/27/2023 15:10	45902 AUBU_T1	0	0	0	0	0	0	-0.57	-0.57	1	1	0	600	600	0
9/27/2023 15:11	15001 BLMO_T1	2	6	4	0.3	0.32	0.02	0	0	0	0	0	0	0	0
9/27/2023 15:11	54701 NEBL_T1	7	7	0	0.67	0.7	0.03	0	0	1	1	0	600	600	0
9/27/2023 15:11	46001 BERW_T1	0	0	0	0	0	0	1.08	1.07	0	0	0	0	0	0
9/27/2023 15:11	45901 AUBU_T1	0	0	0	0	0	0	1.63	1.87	0	0	0	0	0	0
9/27/2023 15:12	45902 AUBU_T1	0	0	0	0	0	0	-0.57	-0.57	1	1	0	600	600	0
9/27/2023 15:16	63401 HONY_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9/27/2023 15:25	60101 COCA_T1	0	0	0	0	0	0	0.31	0.34	0	0	0	0	0	0
9/27/2023 15:26	61303 EARL_T1	0	1	1	0	0	0	0.23	0.28	0	0	0	0	0	0
9/27/2023 15:27	61303 EARL_T1	0	1	1	0	0	0	0.23	0.28	0	0	0	0	0	0
9/27/2023 15:27	45003 LIME_2	2	2	0	2.3	2.1	-0.2	0	0	1	1	0	1200	1200	0
9/27/2023 15:27	61304 EARL_T1	1	0	-1	0.1	0	-0.1	0	0	0	0	0	0	0	0
9/27/2023 15:28	23901 EFMO_T2	4	0	-4	0.18	0	-0.18	0	0	0	0	0	0	0	0
9/27/2023 15:30	47101 MARL_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9/27/2023 15:32	16402 MOPO_T1	0	0	0	0	0	0	0.71	0.85	0	0	0	0	0	0
9/27/2023 15:32	45001 LIME_2	0	1	1	0	0.1	0.1	0	0	0	0	0	0	0	0
9/27/2023 15:34	61404 SLIT_T1	0	0	0	0	0	0	-1.16	-1.07	0	0	0	0	0	0
9/27/2023 15:34	47101 MARL_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9/27/2023 15:34	16402 MOPO_T1	0	0	0	0	0	0	0.71	0.85	0	0	0	0	0	0
9/27/2023 15:35	60501 NMAN_T2	3	3	0	4.6	4.5	-0.1	0	0	0	0	0	0	0	0
9/27/2023 15:42	59201 THOM_T1	1	1	0	0	0.2	0.2	0	0	0	0	0	0	0	0
9/27/2023 15:52	43001 ALWD_T1	0	1	1	0	0.2	0.2	0	0	0	0	0	0	0	0
9/27/2023 15:52	42701 AUGU_T1	0	0	0	0	0	0	0	0	2	2	0	1800	1800	0
9/27/2023 15:55	65604 QVIL_T2	0	0	0	0	0	0	0.32	0.34	0	0	0	0	0	0
9/27/2023 15:56	65604 QVIL_T2	0	0	0	0	0	0	0.32	0.34	0	0	0	0	0	0
9/27/2023 15:57	45802 HEGI_T2	0	0	0	0	0	0	0.96	1.23	0	0	0	0	0	0
9/27/2023 16:01	40902 JESH_T1	1	1	0	0.1	0.2	0.1	-0.6	-0.56	0	0	0	0	0	0
9/27/2023 16:02	40902 JESH_T1	1	1	0	0.1	0.2	0.1	-0.6	-0.56	0	0	0	0	0	0
9/27/2023 16:05	65001 NEFF_T2	0	0	0	0	0	0	-0.47	-0.69	1	1	0	1200	1200	0
9/27/2023 16:08	45902 AUBU_T1	0	0	0	0	0	0	-0.66	-0.63	1	1	0	600	600	0
9/27/2023 16:08	65001 NEFF_T2	0	0	0	0	0	0	-0.47	-0.69	1	1	0	1200	1200	0
9/27/2023 16:08	43001 ALWD_T1	1	1	0	0.2	0.1	-0.1	0	0	0	0	0	0	0	0
9/27/2023 16:10	45902 AUBU_T1	0	0	0	0	0	0	-0.66	-0.63	1	1	0	600	600	0
9/27/2023 16:15	50506 MECH_T1	9	0	-9	0.11	0	-0.11	-0.13	-0.13	0	0	0	0	0	0
9/27/2023 16:21	59402 RFLD_T2	10	11	1	0.27	0.19	-0.08	-1.08	-1.16	1	1	0	450	450	0
9/27/2023 16:22	59402 RFLD_T2	10	11	1	0.27	0.19	-0.08	-1.08	-1.16	1	1	0	450	450	0
9/27/2023 16:24	59402 RFLD_T2	10	11	1	0.27	0.19	-0.08	-1.08	-1.16	1	1	0	450	450	0
9/27/2023 16:24	41602 CLEV_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9/27/2023 16:24	45902 AUBU_T1	0	0	0	0	0	0	-0.63	-0.65	1	1	0	600	600	0
9/27/2023 16:25	45902 AUBU_T1	0	0	0	0	0	0	-0.63	-0.65	1	1	0	600	600	0
9/27/2023 16:40	56803 BENV_T1	0	0	0	0	0	0	0.24	0.21	0	0	0	0	0	0
9/27/2023 16:40	43001 ALWD_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9/27/2023 17:39	65001 NEFF_T2	0	0	0	0	0	0	-0.72	-0.81	1	1	0	1200	1200	0
9/27/2023 17:49	65001 NEFF_T2	0	0	0	0	0	0	-0.81	-0.62	1	1	0	1200	1200	0
9/27/2023 18:09	43001 ALWD_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9/27/2023 18:24	65001 NEFF_T2	0	0	0	0	0	0	-0.69	-0.65	1	1	0	1200	1200	0
9/27/2023 18:39	53903 HAU_T2	2	2	0	1	0.9	-0.1	0	0	0	0	0	0	0	0
9/27/2023 18:43	65001 NEFF_T2	0	0	0	0	0	0	-0.65	-0.71	1	1	0	1200	1200	0
9/27/2023 18:49	52403 GRPA_T2	26	22	-4	0.13	0.14	0.01	-0.02	-0.06	0	0	0	0	0	0
9/27/2023 19:49	23301 JEFF_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9/27/2023 19:50	15604 NSTR_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9/27/2023 19:54	56802 BENV_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9/27/2023 19:54	67001 STHI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9/27/2023 19:55	56802 BENV_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9/27/2023 19:57	54701 NEBL_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9/27/2023 19:59	63401 HONY_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9/27/2023 20:00	42401 GIMA_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9/27/2023 20:00	45802 HEGI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9/27/2023 20:03	61303 EARL_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9/27/2023 20:03	46203 DANV_T2	35	66	31	0.2	0.2	0	0	0	0	0	0	0	0	0
9/27/2023 20:03	60801 BUCK_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9/27/2023 20:04	67401 WAKE_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9/27/2023 20:04	46302 ROHR_T1	4	6	2	1.83	1.83	0	0	0	0	0	0	0	0	0
9/27/2023 20:05	42903 MIDD_T2	2	2	0	1.7	1.9	0.2	0	0	0	0	0	0	0	0
9/27/2023 20:05	54701 NEBL_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9/27/2023 20:05	61001 DONV_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9/27/2023 20:05	47101 MARL_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9/27/2023 20:05	53903 HAU_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9/27/2023 20:24	13903 SEID_T1	0	0	0	0	0	0	0	0	1	1	0	600	600	0
9/27/2023 20:34	43301 WATS_T2	1	1	0	0.3	0.6	0.3	0	0	0	0	0	0	0	0
9/27/2023 20:39	43301 WATS_T2	1	1	0	0.3	0.6	0.3	0	0	0	0	0	0	0	0
9/27/2023 20:43	59101 WALK_T2	1	1	0	0	0	0	1.1	1.02	1	1	0	450	450	0
9/27/2023 20:45	17805 GILB_T2	0	0	0	0	0	0	0.2	0.2	0	0	0	0	0	0
9/27/2023 20:45	46803 HEPB_T2	0	1	1	0	0.1	0.1	0	0	0	0	0	0	0	0
9/27/2023 20:47	56801 BENV_T1	53	39	-14	0.52	1.05	0.53	0	0	0	0	0	0	0	0
9/27/2023 20:48	61303 EARL_T1	0	0	0	0	0	0	0.35	0.29	0	0	0	0	0	0
9/27/2023 20:48	67001 STHI_T2	43	227	184	0.11	0.14	0.03	0	0	0	0	0	0	0	0
9/27/2023 20:49	44301 BEAV_T2	0	0	0	0	0	0	0.21	0.21	1	1	0	600	600	0
9/27/2023 20:49	60101 COCA_T1	0	0	0	0	0	0	0.19	0.18	0	0	0	0	0	0
9/27/2023 20:50	16402 MOPO_T1	0	0	0	0	0	0	0.67	0.65	0	0	0	0	0	0
9/27/2023 20:50	45902 AUBU_T1	8	1	-7	0.15	0	-0.15	0	0	0	0	0	0	0	0
9/27/2023 20:50	24901 WHHA_T1	0	3	3	0	0.13	0.13	0.49	0.52	0	0	0	0	0	0
9/27/2023 20:50	67001 STHI_T2	43	227	184	0.11	0.14	0.03	0	0	0	0	0	0	0	0
9/27/2023 20:50	67503 WEWI_T2	0	0	0	0	0	0	-0.28	-0.28	0	0	0	0	0	0
9/27/2023 20:50	67503 WEWI_T2	0	0	0	0	0	0	-0.28	-0.28	0	0	0	0	0	0
9/27/2023 20:50	47101 MARL_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9/27/2023 20:50	53501 EVIL_T2	1	1	0	0.3	0.6	0.3	-0.17	-0.14	0	0	0	0	0	0
9/27/2023 20:50	60101 COCA_T1	0	0	0	0	0	0	0.19	0.18	0	0	0	0	0	0
9/27/2023 20:51	46504 LOHA_T1	2	24	22	0.6	0.22	-0.38	0	0	0	0	0	0	0	0
9/27/2023 20:51	56801 BENV_T1	53	39	-14	0.52	1.05	0.53	0	0	0	0	0	0	0	0
9/27/2023 20:51	66504 SMAN_T2	0	1	1	0	0	0	-0.47	-0.53	0	0	0	0	0	0
9/27/2023 20:51	10801 CHHI_T1	0	0	0	0	0	0	-0.96	-0.95	1	1	0	900	900	0
9/27/2023 20:51	41801 GOCI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9/27/2023 20:51	17805 GILB_T2	0	0	0	0	0	0	0.2	0.2	0	0	0	0	0	0
9/27/2023 20:51	29401 BELT_T1	101	123	22	0.36	0.41	0.05	0	0	0	0	0	0	0	0
9/27/2023 20:51	45902 AUBU_T1	8	1	-7	0.15	0	-0.15	-0.85	-0.28	1	1	0	600	600	0
9/27/2023 20:51	56802 BENV_T2	194	242	48	0.27	0.39	0.12	-1.56	-1.44	0	0	0	0	0	0
9/27/2023 20:51	12701 MACU_T1	1	2	1	2.2	1.9	-0.3	0.06	0.05	0	0	0	0	0	0
9/27/2023 20:52	60803 BUCK_T1	3	10	7	0.13	0.21	0.08	0	0	0	0	0	0	0	0
9/27/2023 20:52	67503 WEWI_T2	0	0	0	0	0	0	-0.51	-0.49	0	0	0	0	0	0
9/27/2023 20:52	67204 TEHI_T2	1	26	25	0.1	0.11	0.01	0.06	0.04	0	0	0	0	0	0
9/27/2023 20:52	59201 THOM_T1	16	17	1	0.58	0.67	0.09	0	0	0	0	0	0	0	0
9/27/2023 20:52	61301 EARL_T1	0	0	0	0	0	0	0.15	0.14	0	0	0	0	0	0
9/27/2023 20:52	28805 LAKE_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9/27/2023 20:52	56803 BENV_T1	3	5	2	0.2	0.3	0.1	0.18	0.17	0	0	0	0	0	0
9/27/2023 20:52	67503 WEWI_T2	0	0	0	0	0	0	-0.28	-0.28	0	0	0	0	0	0
9/27/2023 20:52	56801 BENV_T1	53	39	-14	0.52	1.05	0.53	-0.81	-0.79	1	1	0	600	600	0
9/27/2023 20:52	66504 SMAN_T2	0	1	1	0	0	0	0	0	0	0	0	0	0	0
9/27/2023 20:52	67001 STHI_T2	43	227	184	0.11	0.14	0.03	0	0	0	0	0	0	0	0
9/27/2023 20:53	59101 WALK_T2	1	1	0	0	0	0	1.02	0.93	1	1	0	450	450	0
9/27/2023 20:53	28805 LAKE_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9/27/2023 20:53	56803 BENV_T1	3	5	2	0.2	0.3	0.1	0	0	0	0	0	0	0	0
9/27/2023 20:53	60801 BUCK_T1	0	5	5	0	0.1	0.1	0	0	0	0	0	0	0	0
9/27/2023 20:53	47802 MOCA_T2	0	0	0	0	0	0	0.29	0.28	0	0	0	0	0	0
9/27/2023 20:53	65001 NEFF_T2	0	0	0	0	0	0	-0.84	-0.73	1	1	0	1200	1200	0
9/27/2023 20:53	16402 MOPO_T1	0	0	0	0	0	0	0.67	0.65	0	0	0	0	0	0
9/27/2023 20:53	56802 BENV_T2	194	242	48	0.27	0.39	0.12	-0.78	-0.72	0	0	0	0	0	0
9/27/2023 20:54	61303 EARL_T1	0	0	0	0	0	0	0.35	0.29	0	0	0	0	0	0
9/27/2023 20:54	53903 HAU_T2	2	2	0	1.3	1.4	0.1	-0.18	-0.14	0	0	0	0	0	0
9/27/2023 20:54	59102 WALK_T2	0	7	7	0	0.11	0.11	0	0	0	0	0	0	0	0
9/27/2023 20:54	14403 SSLA_T1	0	0	0	0	0	0	0.75	0.75	0	0	0	0	0	0
9/27/2023 20:54	49804 UNIV_T1	2	3	1	0.3	0.4	0.1	0	0	0	0	0	0	0	0
9/27/2023 20:54	13704 SCHN_T2	0	0	0	0	0	0	-0.33	-0.35	0	0	0	0	0	0
9/27/2023 20:54	59402 RFLD_T2	128	207	79	0.5	0.63	0.13	-2.5	-2.52	2	2	0	900	900	0
9/27/2023 20:54	28403 HART_T2	0	0	0	0	0	0	-0.62	-0.62	1	1	0	900	900	0
9/27/2023 20:55	40903 JESH_T1	0	44	44	0	0.15	0.15	0	0	0	0	0	0	0	0
9/27/2023 20:55	42201 SHEN_T2	2	4	2	0.25	0.28	0.03	0.37	0.39	0	0	0	0	0	0
9/27/2023 20:55	46504 LOHA_T1	2	24	22	0.6	0.22	-0.38	0	0	0	0	0	0	0	0
9/27/2023 20:55	56802 BENV_T2	194	242	48	0.27	0.39	0.12	-0.78	-0.72	0	0	0	0	0	0
9/27/2023 20:55	23401 HONE_T2	0	0	0	0	0	0	-0.27	-0.33	0	0	0	0	0	0
9/27/2023 20:55	44302 BEAV_T2	0	6	6	0	0.1	0.1	0.24	0.25	0	0	0	0	0	0
9/27/2023 20:55	15001 BLMO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9/27/2023 20:55	59402 RFLD_T2	128	207	79	0.5	0.63	0.13	-1.25	-1.26	1	1	0	450	450	0
9/27/2023 20:55	60701 BREC_T1	0	0	0	0	0	0	0.06	0.05	0	0	0	0	0	0
9/27/2023 20:55	56803 BENV_T1	3	5	2	0.2	0.3	0.1	0	0	0	0	0	0	0	0
9/27/2023 20:55	46001 BERW_T1	0	0	0	0	0	0	0.75	0.8	0	0	0	0	0	0
9/27/2023 20:56	46506 LOHA_T1	0	1	1	0	0.7	0.7	0	0	0	0	0	0	0	0
9/27/2023 20:56	67502 WEWI_T2	0	0	0	0	0	0	-0.51	-0.49	0	0	0	0	0	0
9/27/2023 20:56	60101 COCA_T1	0	0	0	0	0	0	0.19	0.18	0	0	0	0	0	0
9/27/2023 20:56	59101 WALK_T2	1	1	0	0	0	0	2.04	1.86	2	2	0	900	900	0
9/27/2023 20:56	53501 EVIL_T2	1	1	0	0.3	0.6	0.3	-0.17	-0.14	0	0	0	0	0	0
9/27/2023 20:56	64801 MONE_T2	0	0	0	0	0	0	0.22	0.21	0	0	0	0	0	0
9/27/2023 20:56	56803 BENV_T1	3	5	2	0.2	0.3	0.1	0	0	0	0	0	0	0	0
9/27/2023 20:56	44302 BEAV_T2	0	6	6	0	0.1	0.1	0.24	0.25	0	0	0	0	0	0
9/27/2023 20:56	60803 BUCK_T1	3	10	7	0.13	0.21	0.08	-0.91	-0.95	1	1	0	600	600	0
9/27/2023 20:56	13503 MCMI_T2	0	0	0	0	0	0	-0.01	-0.01	0	0	0	0	0	0
9/27/2023 20:56	26603 BROO_T1	0	0	0	0	0	0	0.25	0.23	0	0	0	0	0	0
9/27/2023 20:56	67904 WNHO_T1	0	0	0	0	0	0	-1.18	-1.19	1	1	0	1200	1200	0
9/27/2023 20:56	28604 BLYT_T2	0	0	0	0	0	0	-1.37	-1.35	0	0	0	0	0	0
9/27/2023 20:57	56802 BENV_T2	194	242	48	0.27	0.39	0.12	-1.56	-1.44	0	0	0	0	0	0
9/27/2023 20:57	24902 WHHA_T1	15	120	105	0.13	0.21	0.08	0.48	0.49	0	0	0	0	0	0
9/27/2023 20:57	67503 WEWI_T2	0	0	0	0	0	0	-0.28	-0.28	0	0	0	0	0	0
9/27/2023 20:57	24902 WHHA_T1	15	120	105	0.13	0.21	0.08	0.48	0.49	0	0	0	0	0	0
9/27/2023 20:57	45902 AUBU_T1	8	1	-7	0.15	0	-0.15	0	0	0	0	0	0	0	0
9/27/2023 20:57	42901 MIDD_T2	0	18	18	0	0.13	0.13	0	0	0	0	0	0	0	0
9/27/2023 20:57	45303 WBER_T2	8	10	2	0.75	0.83	0.08	0.37	0.37	0	0	0	0	0	0
9/27/2023 20:57	59301 MCAL_T1	41	82	41	0.26	0.57	0.31	0	0	0	0	0	0	0	0
9/27/2023 20:57	58402 MORO_T1	0	0	0	0	0	0	-1.37	-0.42	2	2	0	1500	1500	0
9/27/2023 20:57	44601 SALE_T2	0	0	0	0	0	0	1.66	1.62	0	0	0	0	0	0
9/27/2023 20:57	45003 LIME_2	1	2	1	4	2.3	-1.7	0	0	1	1	0	1200	1200	0
9/27/2023 20:57	52502 PROG_T2	0	0	0	0	0	0	-1.36	-1.39	2	2	0	1800	1800	0
9/27/2023 20:57	42701 AUGU_T1	0	1	1	0	0.3	0.3	0	0	2	2	0	1800	1800	0
9/27/2023 20:57	67204 TEHI_T2	1	26	25	0.1	0.11	0.01	0.06	0.04	0	0	0	0	0	0
9/27/2023 20:57	12701 MACU_T1	1	2	1	2.2	1.9	-0.3	0.06	0.05	0	0	0	0	0	0
9/27/2023 20:57	64303 LINC_T1	0	0	0	0	0	0	-0.27	-0.26	0	0	0	0	0	0
9/27/2023 20:58	42002 MNVL_T2	1	2	1	1.3	0.6	-0.7	0	0	0	1	0	0	0	0
9/27/2023 20:58	56603 HAMP_T1	0	7	7	0	0.1	0.1	0	0	0	0	0	0	0	0
9/27/2023 20:58	50504 MECH_T1	0	2	2	0	0.1	0.1	0	0	0	0	0	0	0	0
9/27/2023 20:58	43202 MVIL_T2	0	0	0	0	0	0	-0.74	-0.74	0	0	0	0	0	0
9/27/2023 20:58	67904 WNHO_T1	0	0	0	0	0	0	1.18	1.19	1	1	0	1200	1200	0
9/27/2023 20:58	56801 BENV_T1	53	39	-14	0.52	1.05	0.53	-0.81	-0.79	1	1	0	600	600	0
9/27/2023 20:58	45902 AUBU_T1	8	1	-7	0.15	0	-0.15	-0.85	-0.28	1	0	-1	600	0	-600
9/27/2023 20:58	66504 SMAN_T2	0	1	1	0	0	0	0	0	0	0	0	0	0	0
9/27/2023 20:58	12701 MACU_T1	1	2	1	2.2	1.9	-0.3	0.06	0.05	0	0	0	0	0	0
9/27/2023 20:58	42901 MIDD_T2	0	18	18	0	0.13	0.13	0	0	0	0	0	0	0	0
9/27/2023 20:58	45901 AUBU_T1	0	0	0	0	0	0	1.33	1.27	0	0	0	0	0	0
9/27/2023 20:58	56802 BENV_T2	194	242	48	0.27	0.39	0.12	-2.34	-2.16	0	0	0	0	0	0
9/27/2023 20:58	45001 LIME_2	0	18	18	0	0.18	0.18	0	0	0	0	0	0	0	0
9/27/2023 20:58	28403 HART_T2	0	0	0	0	0	0	-0.62	-0.62	1	1	0	900	900	0

Appendix C - Grid Benefits Achieved in Each Instance of Active Management

9/27/2023 21:01	45303 WBER_T2	8	10	2	0.6	0.85	0.25	0.37	0.34	0	0	0	0	0	0
9/27/2023 21:01	13704 SCHN_T2	0	0	0	0	0	0	-0.35	-0.36	0	0	0	0	0	0
9/27/2023 21:01	59402 RFLD_T2	146	269	123	0.54	0.66	0.12	-1.26	-1.29	1	1	0	450	450	0
9/27/2023 21:01	66703 STRA_T1	1	1	0	0.3	0.4	0.1	-0.29	-0.34	0	0	0	0	0	0
9/27/2023 21:01	42701 AUGU_T1	1	1	0	0.1	0.3	0.2	0	0	2	2	0	1800	1800	0
9/27/2023 21:01	42201 SHEN_T2	4	4	0	0.28	0.23	-0.05	0.39	0.38	0	0	0	0	0	0
9/27/2023 21:01	10805 CHHI_T2	1	1	0	7.9	7.7	-0.2	-0.82	-0.76	1	1	0	600	600	0
9/27/2023 21:02	49803 UNIV_T1	12	39	27	0.1	0.22	0.12	-1.14	-1.13	0	0	0	0	0	0
9/27/2023 21:02	41802 GOCI_T2	0	3	3	0	0.1	0.1	0	0	0	0	0	0	0	0
9/27/2023 21:02	43202 MVIL_T2	0	0	0	0	0	0	-0.74	-0.74	0	0	0	0	0	0
9/27/2023 21:02	47101 MARL_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9/27/2023 21:02	53902 HALI_T2	0	0	0	0	0	0	-0.9	-0.9	0	0	0	0	0	0
9/27/2023 21:02	44302 BEAV_T2	0	7	7	0	0.1	0.1	0.25	0.25	0	0	0	0	0	0
9/27/2023 21:02	46503 LOHA_T1	0	0	-2	0	0	0	-0.61	-0.61	0	0	0	0	0	0
9/27/2023 21:02	56801 BENV_T1	37	41	4	0.91	1.12	0.21	-1.58	-1.62	2	2	0	1200	1200	0
9/27/2023 21:02	40101 HUNT_T2	0	0	0	0	0	0	-0.63	-0.66	0	0	0	0	0	0
9/27/2023 21:02	20403 ASHF_T2	0	0	0	0	0	0	0.15	0.15	0	0	0	0	0	0
9/27/2023 21:03	23901 EFMO_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9/27/2023 21:03	45303 WBER_T2	8	10	2	0.6	0.85	0.25	0.37	0.34	0	0	0	0	0	0
9/27/2023 21:03	56803 BENV_T1	5	6	1	0.28	0.38	0.1	0	0	0	0	0	0	0	0
9/27/2023 21:03	43301 WATS_T2	1	1	0	0.6	1.2	0.6	0	0	0	0	0	0	0	0
9/27/2023 21:03	58402 MORO_T1	0	0	0	0	0	0	-0.42	-0.42	2	1	-1	1500	600	-900
9/27/2023 21:04	61802 EEU_T2	0	12	12	0	0.13	0.13	0	0	0	0	0	0	0	0
9/27/2023 21:04	56801 BENV_T1	37	41	4	0.91	1.12	0.21	-0.79	-0.81	1	1	0	600	600	0
9/27/2023 21:04	56604 HAMP_T2	0	1	1	0	0.2	0.2	0	0	0	0	0	0	0	0
9/27/2023 21:04	53901 HALI_T2	2	2	0	0.3	0.55	0.25	0.01	-0.01	0	0	0	0	0	0
9/27/2023 21:05	56803 BENV_T1	5	6	1	0.28	0.38	0.1	0	0	0	0	0	0	0	0
9/27/2023 21:05	13704 SCHN_T2	0	0	0	0	0	0	-0.35	-0.36	0	0	0	0	0	0
9/27/2023 21:06	57304 MOAL_T2	7	3	-4	0.24	0.3	0.06	-0.49	-0.55	0	0	0	0	0	0
9/27/2023 21:06	40901 JESH_T1	72	179	107	0.18	0.44	0.26	0	0	0	0	0	0	0	0
9/27/2023 21:06	42201 SHEN_T2	4	4	0	0.28	0.23	-0.05	0.39	0.38	0	0	0	0	0	0
9/27/2023 21:06	54701 NEBL_T1	7	7	0	0.57	0.79	0.22	0	0	1	1	0	600	600	0
9/27/2023 21:06	56803 BENV_T1	5	6	1	0.28	0.38	0.1	0	0	0	0	0	0	0	0
9/27/2023 21:07	46501 LOHA_T1	0	1	1	0	0.3	0.3	0	0	0	0	0	0	0	0
9/27/2023 21:07	54206 PENN_T2	2	79	77	0.2	0.19	-0.01	0	0	0	0	0	0	0	0
9/27/2023 21:07	43001 ALWD_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9/27/2023 21:08	58402 MORO_T1	0	0	0	0	0	0	-0.42	-0.42	2	1	-1	1500	600	-900
9/27/2023 21:09	67605 WARW_T1	36	41	5	0.66	0.55	-0.11	-1.25	-1.23	0	0	0	0	0	0
9/27/2023 21:12	67502 WEWI_T2	0	1	1	0	0.1	0.1	-0.49	-0.53	0	0	0	0	0	0
9/27/2023 21:13	13105 NHAM_T2	0	0	0	0	0	0	-0.26	-0.26	1	1	0	1200	1200	0
9/27/2023 21:29	52404 GRPA_T2	1	1	0	0.7	0.8	0.1	0	0	0	0	0	0	0	0
9/27/2023 21:31	65001 NEFF_T2	0	0	0	0	0	0	-0.83	-0.87	1	1	0	1200	1200	0
9/27/2023 21:41	65001 NEFF_T2	0	0	0	0	0	0	-0.83	-0.87	1	1	0	1200	1200	0
9/28/2023 0:28	60501 NMAN_T2	3	3	0	5.37	5.4	0.03	0	0	0	0	0	0	0	0
9/28/2023 0:28	27502 WEIS_T2	0	0	0	0	0	0	-0.24	-0.27	0	0	0	0	0	0
9/28/2023 0:28	44301 BEAV_T2	13	15	2	0.68	0.74	0.06	-0.31	-0.38	1	1	0	600	600	0
9/28/2023 0:28	56803 BENV_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9/28/2023 0:28	56801 BENV_T1	25	29	4	0.6	0.71	0.11	-0.93	-0.94	1	1	0	600	600	0
9/28/2023 0:28	42902 MIDD_T2	298	286	-12	0.71	0.82	0.11	0	0	0	0	0	0	0	0
9/28/2023 0:28	44302 BEAV_T2	494	534	40	0.76	0.86	0.1	0.28	0.27	0	0	0	0	0	0
9/28/2023 0:28	56503 ROCK_T2	32	35	3	0.13	0.11	-0.02	0	0	0	0	0	0	0	0
9/28/2023 0:28	64301 LINC_T1	0	0	0	0	0	0	0.13	0.05	0	0	0	0	0	0
9/28/2023 0:28	54701 NEBL_T1	0	0	0	0	0	0	0	0	1	1	0	600	600	0
9/28/2023 0:28	67502 WEWI_T2	0	0	0	0	0	0	-1.68	-1.72	1	1	0	900	900	0
9/28/2023 0:28	28602 BLYT_T2	0	1	1	0	0.2	0.2	0	0	0	0	0	0	0	0
9/28/2023 0:28	64101 REPR_T1	3	3	0	9.8	9.7	-0.1	-0.01	-0.01	0	0	0	0	0	0
9/28/2023 0:28	54001 SDLE_T1	1	1	0	0.6	0.6	0	0	0	1	1	0	600	600	0
9/28/2023 0:28	45902 AUBU_T1	0	0	0	0	0	0	-0.98	-1	1	1	0	600	600	0
9/28/2023 0:28	20403 ASHF_T2	0	0	0	0	0	0	0	-0.01	0	0	0	0	0	0
9/28/2023 0:28	47101 MARL_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9/28/2023 0:28	29401 BELT_T1	71	60	-11	0.22	0.18	-0.04	0	0	2	2	0	1800	1800	0
9/28/2023 0:28	17804 GILB_T2	0	0	0	0	0	0	-0.6	-0.61	0	0	0	0	0	0
9/28/2023 0:28	56802 BENV_T2	0	1	1	0	0.2	0.2	-2.46	-2.55	0	0	0	0	0	0
9/28/2023 0:28	41901 REED_T1	0	2	2	0	0.1	0.1	-1.36	-1.4	1	1	0	900	900	0
9/28/2023 0:28	41801 GOCI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9/28/2023 0:28	40101 HUNT_T2	3	4	1	0.3	0.25	-0.05	-0.69	-0.71	0	0	0	0	0	0
9/28/2023 0:28	67203 TEHI_T1	1	1	0	0	0	0	2.05	2.08	1	1	0	600	600	0
9/28/2023 0:28	65604 QVIL_T2	0	0	0	0	0	0	0.32	0.32	0	0	0	0	0	0
9/28/2023 0:28	52502 PROG_T2	0	0	0	0	0	0	0.11	0.17	0	0	0	0	0	0
9/28/2023 0:28	67001 STHI_T2	1	0	-1	0.1	0	-0.1	0.01	0	0	0	0	0	0	0
9/28/2023 6:53	46203 DANV_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9/28/2023 7:20	54701 NEBL_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9/28/2023 7:42	45802 HEGI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9/28/2023 8:12	46801 HEPB_T2	3	2	-1	0.77	0.85	0.08	0.55	0.62	0	0	0	0	0	0
9/28/2023 8:18	54701 NEBL_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9/28/2023 8:19	59101 WALK_T2	1	1	0	0	0	0	2.03	2.12	0	0	0	0	0	0
9/28/2023 8:25	56802 BENV_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9/28/2023 8:26	56603 HAMP_T1	110	113	3	0.28	0.39	0.11	0	0	0	0	0	0	0	0
9/28/2023 8:26	40101 HUNT_T2	0	0	0	0	0	0	-0.58	-0.62	0	0	0	0	0	0
9/28/2023 8:35	54204 PENN_T2	1	0	-1	0.1	0	-0.1	0	0	0	0	0	0	0	0
9/28/2023 8:43	54206 PENN_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9/28/2023 8:45	47101 MARL_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9/28/2023 8:45	45802 HEGI_T2	0	0	0	0	0	0	1.55	1.19	0	0	0	0	0	0
9/28/2023 8:54	59102 WALK_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9/28/2023 8:54	67502 WEWI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9/28/2023 8:57	41801 GOCI_T2	2	1	-1	0.15	0.1	-0.05	0	0	0	0	0	0	0	0
9/28/2023 8:59	41801 GOCI_T2	2	1	-1	0.15	0.1	-0.05	0	0	0	0	0	0	0	0
9/28/2023 9:08	26603 BROO_T1	1	1	0	0.2	0.6	0.4	0.21	0.18	0	0	0	0	0	0
9/28/2023 9:11	26603 BROO_T1	1	1	0	0.2	0.6	0.4	0.21	0.18	0	0	0	0	0	0
9/28/2023 9:17	58402 MORO_T1	0	0	0	0	0	0	-0.97	-0.94	2	2	0	1500	1500	0
9/28/2023 9:18	58402 MORO_T1	0	0	0	0	0	0	-0.97	-0.94	2	2	0	1500	1500	0
9/28/2023 9:19	44902 SCOT_T2	4	4	0	0.4	0.5	0.1	0	0	0	0	0	0	0	0
9/28/2023 9:21	49804 UNIV_T1	2	2	0	0.7	0.65	-0.05	0	0	0	0	0	0	0	0
9/28/2023 9:22	56802 BENV_T2	1	1	0	0.9	0.7	-0.2	-0.9	-0.84	0	0	0	0	0	0
9/28/2023 9:22	44901 SCOT_T2	4	0	-4	0.1	0	-0.1	0.29	0.25	0	0	0	0	0	0
9/28/2023 9:23	56802 BENV_T2	1	1	0	0.9	0.7	-0.2	-1.8	-1.68	0	0	0	0	0	0
9/28/2023 9:24	60801 BUCK_T1	0	0	0	0	0	0	0	0.1	0	0	0	0	0	0
9/28/2023 9:29	42001 MNVL_T2	2	3	1	0.45	0.37	-0.08	0.02	0.03	0	0	0	0	0	0
9/28/2023 9:32	13503 MCMI_T2	0	0	0	0	0	0	-0.01	-0.01	0	0	0	0	0	0
9/28/2023 9:39	67503 WEWI_T2	0	0	0	0	0	0	-0.29	-0.29	0	0	0	0	0	0
9/28/2023 9:40	60801 BUCK_T1	0	0	0	0	0	0	0.1	0.09	0	0	0	0	0	0
9/28/2023 9:43	45802 HEGI_T2	0	0	0	0	0	0	0.67	1.34	0	0	0	0	0	0
9/28/2023 9:44	47101 MARL_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9/28/2023 9:45	47101 MARL_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9/28/2023 9:48	43202 MVIL_T2	1	1	0	0.9	0.2	-0.7	-0.66	-0.66	0	0	0	0	0	0
9/28/2023 9:49	43202 MVIL_T2	1	1	0	0.9	0.2	-0.7	-0.66	-0.66	0	0	0	0	0	0
9/28/2023 9:52	41901 REED_T1	3	6	3	0.3	0.3	0	-1.24	-1.24	1	1	0	900	900	0
9/28/2023 9:52	20403 ASHF_T2	1	0	-1	1.3	0	-1.3	0.53	0.58	0	0	0	0	0	0
9/28/2023 9:53	40901 JESH_T1	0	1	1	0	0	0	0	0	0	0	0	0	0	0
9/28/2023 9:54	10801 CHHI_T1	0	0	0	0	0	0	-0.91	-0.92	1	1	0	900	900	0
9/28/2023 9:55	20403 ASHF_T2	1	0	-1	1.3	0	-1.3	0.53	0.58	0	0	0	0	0	0
9/28/2023 9:55	53601 DALM_T2	1	1	0	0.6	0.8	0.2	-0.14	-0.18	0	0	0	0	0	0
9/28/2023 9:55	56802 BENV_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9/28/2023 9:57	52403 GRPA_T2	0	0	0	0	0	0	0	0.02	0	0	0	0	0	0
9/28/2023 9:57	28801 LAKE_T1	270	262	-8	0.65	0.54	-0.11	0	0	0	0	0	0	0	0
9/28/2023 9:57	53501 EVIL_T2	0	1	1	0	0.2	0.2	0.33	0.22	2	2	0	1200	1200	0
9/28/2023 9:58	53502 EVIL_T2	0	1	1	0	0	0	0	0	0	0	0	0	0	0
9/28/2023 9:59	42902 MIDD_T2	0	1	1	0	0	0	-0.18	-0.15	0	0	0	0	0	0
9/28/2023 9:59	52004 LING_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9/28/2023 10:00	56803 BENV_T1	0	3	3	0	0.33	0.33	0.2	0.18	0	0	0	0	0	0
9/28/2023 10:00	64801 MONE_T2	1	2	1	0.5	0.3	-0.2	0.22	0.24	0	0	0	0	0	0
9/28/2023 10:00	54701 NEBL_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9/28/2023 10:00	66505 SMAN_T2	0	0	0	0	0	0	0.63	0.65	2	2	0	1100	1100	0
9/28/2023 10:00	67604 WARW_T1	0	0	0	0	0	0	0.65	0.63	0	0	0	0	0	0
9/28/2023 10:00	60504 NMAN_T2	0	2	2	0	0.25	0.25	0	0	0	0	0	0	0	0
9/28/2023 10:00	59001 MIFF_T1	0	1	1	0	0.3	0.3	0	0	0	0	0	0	0	0
9/28/2023 10:00	52503 PROG_T2	1	0	-1	9.5	0	-9.5	-0.73	-0.73	1	1	0	900	900	0
9/28/2023 10:00	47101 MARL_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9/28/2023 10:00	28801 LAKE_T1	255	253	-2	0.54	0.52	-0.02	0	0	0	0	0	0	0	0
9/28/2023 10:00	56802 BENV_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9/28/2023 10:00	44901 SCOT_T2	0	0	0	0	0	0	0.52	0.3	0	0	0	0	0	0
9/28/2023 10:00	28604 BLYT_T2	0	0	0	0	0	0	-1.42	-1.41	0	0	0	0	0	0
9/28/2023 10:00	45802 HEGI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9/28/2023 10:00	12604 MACA_T1	0	0	0	0	0	0	0.28	0.28	0	0	0	0	0	0
9/28/2023 10:00	52502 PROG_T2	0	1	1	0	0.1	0.1	-0.74	-0.75	1	1	0	900	900	0
9/28/2023 10:00	46203 DANV_T2	9	6	-3	0.44	0.63	0.19	0	0	0	0	0	0	0	0
9/28/2023 10:00	67502 WEWI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9/28/2023 10:00	52004 LING_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9/28/2023 10:00	23301 JEFF_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9/28/2023 10:00	56601 HAMP_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9/28/2023 10:00	20401 ASHF_T2	0	0	0	0	0	0	-0.35	-0.27	1	1	0	600	600	0
9/28/2023 10:00	64301 LINC_T1	0	0	0	0	0	0	-0.01	0.04	1	1	0	600	600	0
9/28/2023 10:00	13704 SCHN_T2	0	0	0	0	0	0	-0.29	-0.3	0	0	0	0	0	0
9/28/2023 10:00	53903 HALI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9/28/2023 10:01	47101 MARL_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9/28/2023 10:05	23401 HONE_T2	0	1	1	0	0.4	0.4	-0.25	-0.21	0	0	0	0	0	0
9/28/2023 10:06	26603 BROO_T1	1	3	2	0.7	0.27	-0.43	0.37	0.36	0	0	0	0	0	0
9/28/2023 10:07	44902 SCOT_T2	4	1	-3	0.3	0.1	-0.2	0	0	0	0	0	0	0	0
9/28/2023 10:07	15001 BLMO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9/28/2023 10:07	13704 SCHN_T2	0	0	0	0	0	0	-0.29	-0.3	0	0	0	0	0	0
9/28/2023 10:08	60101 COCA_T1	0	0	0	0	0	0	0.34	0.32	0	0	0	0	0	0
9/28/2023 10:09	40902 JESH_T1	0	0	0	0	0	0	-0.41	-0.46	2	2	0	1200	1200	0
9/28/2023 10:09	49803 UNIV_T1	0	0	0	0	0	0	-1.06	-1.09	0	0	0	0	0	0
9/28/2023 10:09	56802 BENV_T2	1	1	0	0.9	0.7	-0.2	-0.77	-0.7	0	0	0	0	0	0
9/28/2023 10:09	29402 BELT_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9/28/2023 10:09	26603 BROO_T1	1	3	2	0.7	0.27	-0.43	0.37	0.36	0	0	0	0	0	0
9/28/2023 10:09	28604 BLYT_T2	0	0	0	0	0	0	-1.42	-1.41	0	0	0	0	0	0
9/28/2023 10:09	41901 REED_T1	4	6	2	0.3	0.3	0	-1.24	-1.2	1	1	0	900	900	0
9/28/2023 10:10	10801 CHHI_T1	0	0	0	0	0	0	-0.92	-0.94	1	1	0	900	900	0
9/28/2023 10:10	67503 WEWI_T2	0	0	0	0	0	0	-0.3	-0.3	0	0	0	0	0	0
9/28/2023 10:10	56802 BENV_T2	1	1	0	0.9	0.7	-0.2	-1.54	-1.4	0	0	0	0	0	0
9/28/2023 10:11	60801 BUCK_T1	0	0	0	0	0	0	0.1	0.14	0	0	0	0	0	0
9/28/2023 10:11	53501 EVIL_T2	1	1	0	0.2	0.3	0.1	0.11	0.15	1	1	0	600	600	0
9/28/2023 10:11	29401 BELT_T1	81	86	5	0.31	0.32	0.01	0	0	0	0	0	0	0	0
9/28/2023 10:11	60101 COCA_T1	0	0	0	0	0	0	0.34	0.32	0	0	0	0	0	0
9/28/2023 10:12	46803 HEPB_T2	0	0	0	0	0	0	0.47	0.45	0	0	0	0	0	0
9/28/2023 10:13	52403 GRPA_T2	0	0	0	0	0	0	0.02	0.02	0	0	0	0	0	0
9/28/2023 10:13	28805 LAKE_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9/28/2023 10:13	28403 HART_T2	0	0	0	0	0	0	-0.81	-0.78	1	1	0	900	900	0
9/28/2023 10:13	53501 EVIL_T2	1	1	0	0.2	0.3	0.1	0.11	0.15	1	1	0	600	600	0
9/28/2023 10:14	17804 GILB_T2	0	0	0	0	0	0	-0.57	-0.58	0	0	0	0	0	0
9/28/2023 10:14	53502 EVIL_T2	0	1	1	0	0.2	0.2	0	0	0	0	0	0	0	0
9/28/2023 10:14	13503 MCMI_T2	0	0	0	0	0	0	-0.01	-0.01	0	0	0	0	0	0
9/28/2023 10:14	46801 HEPB_T2	2	2	0	1	1.05	0.05	0.6	0.6	0	0	0	0	0	0
9/28/2023 10:14	17802 GILB_T1	0	0	0	0	0	0	0.11	0.1	0	0	0	0	0	0
9/28/2023 10:15	58402 MORO_T1	0	0	0	0	0	0	-1.01	-0.96	2	2	0	1500	1500	0
9/28/2023 10:15	47101 MARL_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9/28/2023 10:16	52402 GRPA_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9/28/2023 10:16	43202 MVIL_T2	1	1	0	0.1	0.7	0.6	-0.65	-0.64	0	0	0	0	0	0
9/28/2023 10:16	54701 NEBL_T1	0	0	0	0	0	0	0

Appendix C - Grid Benefits Achieved in Each Instance of Active Management

9/28/2023 10:36	43301 WATS_T2	1	1	0	0.6	0.6	0	0.34	0.32	0	0	0	0	0	0
9/28/2023 10:36	56503 ROCK_T2	1	1	0	0.1	0.1	0	0	0	0	0	0	0	0	0
9/28/2023 10:36	64101 REFR_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9/28/2023 10:37	43301 WATS_T2	1	1	0	0.6	0.6	0	0	0	0	0	0	0	0	0
9/28/2023 10:37	15001 BLMO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9/28/2023 10:38	60101 COCA_T1	0	0	0	0	0	0	0.32	0.36	0	0	0	0	0	0
9/28/2023 10:38	56802 BENV_T2	1	2	1	0.7	0.65	-0.05	-1.42	-1.4	0	0	0	0	0	0
9/28/2023 10:39	61803 EELI_T2	1	0	-1	0.3	0	-0.3	0	0	0	0	0	0	0	0
9/28/2023 10:39	56802 BENV_T2	1	2	1	0.7	0.65	-0.05	-0.71	-0.7	0	0	0	0	0	0
9/28/2023 10:39	15001 BLMO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9/28/2023 10:40	67503 WEWI_T2	0	0	0	0	0	0	-0.28	-0.31	0	0	0	0	0	0
9/28/2023 10:40	53502 EVIL_T2	1	1	0	0.2	0	-0.2	0	0	0	0	0	0	0	0
9/28/2023 10:41	56802 BENV_T2	1	2	1	0.7	0.65	-0.05	-1.42	-1.4	0	0	0	0	0	0
9/28/2023 10:41	15001 BLMO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9/28/2023 10:41	45802 HEGI_T2	0	1	1	0	0	0	1.55	1.62	0	0	0	0	0	0
9/28/2023 10:44	40101 HUNT_T2	0	0	0	0	0	0	-0.4	-0.33	0	0	0	0	0	0
9/28/2023 10:46	13501 MCMI_T1	0	0	0	0	0	0	0.22	0.21	0	0	0	0	0	0
9/28/2023 10:47	42001 MNVL_T2	2	23	21	0.4	0.2	-0.2	0	0	0	0	0	0	0	0
9/28/2023 10:47	46301 ROHR_T1	2	0	-2	0.2	0	-0.2	0	0	0	0	0	0	0	0
9/28/2023 10:47	44201 POIN_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9/28/2023 10:48	13503 MCMI_T2	0	0	0	0	0	0	-0.01	-0.01	0	0	0	0	0	0
9/28/2023 10:51	67001 STHI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9/28/2023 10:52	67002 STHI_T2	1	0	-1	0.1	0	-0.1	0.73	0.76	0	0	0	0	0	0
9/28/2023 10:52	29401 BELT_T1	109	98	-11	0.36	0.32	-0.04	0	0	0	0	0	0	0	0
9/28/2023 10:53	56801 BENV_T1	43	49	6	0.87	0.96	0.09	-3.28	-3.28	4	4	0	2400	2400	0
9/28/2023 10:53	55101 WERT_T1	0	0	0	0	0	0	-0.84	-0.82	2	2	0	1500	1500	0
9/28/2023 10:53	60803 BUCK_T1	0	0	0	0	0	0	-0.94	-0.94	1	1	0	600	600	0
9/28/2023 10:53	43001 ALWD_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9/28/2023 10:54	56801 BENV_T1	43	49	6	0.87	0.96	0.09	-0.82	-0.82	1	1	0	600	600	0
9/28/2023 10:55	56501 ROCK_T2	8	9	1	0.3	0.31	0.01	-0.43	-0.43	0	0	0	0	0	0
9/28/2023 10:56	60803 BUCK_T1	0	0	0	0	0	0	-0.94	-0.94	1	1	0	600	600	0
9/28/2023 10:56	56801 BENV_T1	43	49	6	0.87	0.96	0.09	-1.64	-1.64	2	2	0	1200	1200	0
9/28/2023 10:57	28403 HART_T2	0	0	0	0	0	0	-0.76	-0.69	1	1	0	900	900	0
9/28/2023 10:59	53902 HAU_T2	1	0	-1	0.1	0	-0.1	0	0	0	0	0	0	0	0
9/28/2023 11:00	45702 LIND_T2	0	1	1	0	1.9	1.9	-0.29	-0.4	0	0	0	0	0	0
9/28/2023 11:01	64802 MONE_T2	1	1	0	0.1	0.1	0	0	0	0	0	0	0	0	0
9/28/2023 11:01	44203 POIN_T2	0	0	0	0	0	0	-0.1	-0.16	2	2	0	2100	2100	0
9/28/2023 11:01	42902 MIDD_T2	0	1	1	0	1	1	-0.2	-0.16	0	0	0	0	0	0
9/28/2023 11:03	65001 NEFF_T2	0	0	0	0	0	0	-0.37	-0.34	1	1	0	1200	1200	0
9/28/2023 11:04	13105 NHAM_T2	0	0	0	0	0	0	-0.28	-0.3	1	1	0	1200	1200	0
9/28/2023 11:04	54001 SDLE_T1	5	6	1	0.62	0.65	0.03	0	0	1	0	-1	600	0	-600
9/28/2023 11:05	55101 WERT_T1	0	0	0	0	0	0	-1.64	-1.5	4	4	0	3000	3000	0
9/28/2023 11:05	67203 TEHI_T1	1	3	2	0	0	0	2.41	2.5	2	2	0	1500	1500	0
9/28/2023 11:05	13704 SCHN_T2	0	0	0	0	0	0	-0.29	-0.29	0	0	0	0	0	0
9/28/2023 11:05	54001 SDLE_T1	5	6	1	0.62	0.65	0.03	0	0	1	0	-1	600	0	-600
9/28/2023 11:06	46001 BERW_T1	0	1	1	0	0	0	0.89	0.9	0	0	0	0	0	0
9/28/2023 11:06	55101 WERT_T1	0	0	0	0	0	0	-0.82	-0.75	2	2	0	1500	1500	0
9/28/2023 11:06	59402 RFLD_T2	0	0	0	0	0	0	-1.18	-1.24	1	1	0	450	450	0
9/28/2023 11:07	46504 LOHA_T1	2	2	0	0.25	0.7	0.45	0	0	0	0	0	0	0	0
9/28/2023 11:07	15001 BLMO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9/28/2023 11:07	64101 REFR_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9/28/2023 11:08	46504 LOHA_T1	2	2	0	0.25	0.7	0.45	0	0	0	0	0	0	0	0
9/28/2023 11:08	45902 AUBU_T1	0	0	0	0	0	0	-0.65	-0.64	1	1	0	600	600	0
9/28/2023 11:08	49804 UNIV_T1	1	1	0	0.3	0.5	0.2	0	0	0	0	0	0	0	0
9/28/2023 11:08	29401 BELT_T1	93	88	-5	0.32	0.28	-0.04	0	0	1	1	0	900	900	0
9/28/2023 11:08	55101 WERT_T1	0	0	0	0	0	0	-1.64	-1.5	4	4	0	3000	3000	0
9/28/2023 11:09	45902 AUBU_T1	0	0	0	0	0	0	-0.65	-0.64	1	1	0	600	600	0
9/28/2023 11:10	46001 BERW_T1	0	1	1	0	0	0	0.89	0.9	0	0	0	0	0	0
9/28/2023 11:10	45902 AUBU_T1	0	0	0	0	0	0	-0.65	-0.64	1	1	0	600	600	0
9/28/2023 11:11	52402 GRPA_T2	6	9	3	0.7	0.94	0.24	0	0	0	0	0	0	0	0
9/28/2023 11:11	29401 BELT_T1	93	88	-5	0.32	0.28	-0.04	0	0	1	1	0	900	900	0
9/28/2023 11:11	56802 BENV_T2	2	4	2	0.65	0.38	-0.27	-0.74	-0.7	0	0	0	0	0	0
9/28/2023 11:13	52002 LING_T2	1	1	0	0.3	0.2	-0.1	0	0	0	0	0	0	0	0
9/28/2023 11:13	67502 WEWI_T2	1	1	0	0.4	0.4	0	0	0	0	0	0	0	0	0
9/28/2023 11:13	61303 EARL_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9/28/2023 11:14	65001 NEFF_T2	0	0	0	0	0	0	-0.34	-0.2	1	1	0	1200	1200	0
9/28/2023 11:15	41801 GOCI_T2	20	21	1	0.34	0.37	0.03	0	0	0	0	0	0	0	0
9/28/2023 11:15	59301 MCAL_T1	3	2	-1	0.3	0.2	-0.1	-1.43	-1.43	1	1	0	600	600	0
9/28/2023 11:16	59402 RFLD_T2	0	0	0	0	0	0	-1.24	-1.19	1	1	0	450	450	0
9/28/2023 11:18	54701 NEBL_T1	3	5	2	0.23	0.24	0.01	0	0	1	1	0	600	600	0
9/28/2023 11:18	44601 SALE_T2	0	0	0	0	0	0	1.18	0.9	1	1	0	600	600	0
9/28/2023 11:18	46302 ROHR_T1	4	4	0	1.83	2	0.17	0	0	0	0	0	0	0	0
9/28/2023 11:19	44601 SALE_T2	0	0	0	0	0	0	1.18	0.9	1	1	0	600	600	0
9/28/2023 11:19	59402 RFLD_T2	0	0	0	0	0	0	-1.24	-1.19	1	1	0	450	450	0
9/28/2023 11:20	59402 RFLD_T2	0	0	0	0	0	0	-1.24	-1.19	1	1	0	450	450	0
9/28/2023 11:21	55101 WERT_T1	0	0	0	0	0	0	-0.75	-0.78	2	2	0	1500	1500	0
9/28/2023 11:22	16302 ALPA_T2	0	0	0	0	0	0	0.69	0.65	0	0	0	0	0	0
9/28/2023 11:23	16302 ALPA_T2	0	0	0	0	0	0	0.69	0.65	0	0	0	0	0	0
9/28/2023 11:24	16302 ALPA_T2	0	0	0	0	0	0	0.69	0.65	0	0	0	0	0	0
9/28/2023 11:24	28604 BLYT_T2	1	1	0	0.1	0.2	0.1	0	0	0	0	0	0	0	0
9/28/2023 11:25	16302 ALPA_T2	0	0	0	0	0	0	0.69	0.65	0	0	0	0	0	0
9/28/2023 11:27	61701 ELIZ_T1	1	1	0	4.8	4.8	0	1.39	1.49	0	0	0	0	0	0
9/28/2023 11:29	58402 MORO_T1	0	0	0	0	0	0	-1.02	-1.1	2	2	0	1500	1500	0
9/28/2023 11:30	58402 MORO_T1	0	0	0	0	0	0	-1.02	-1.1	2	2	0	1500	1500	0
9/28/2023 11:33	64101 REFR_T1	3	3	0	7.53	7.53	0	0.19	0.27	0	0	0	0	0	0
9/28/2023 11:34	64101 REFR_T1	3	3	0	7.53	7.53	0	0.1	0.14	0	0	0	0	0	0
9/28/2023 11:35	58402 MORO_T1	0	0	0	0	0	0	-1.02	-1.1	2	2	0	1500	1500	0
9/28/2023 11:35	52502 PROG_T2	0	1	1	0	0.3	0.3	-0.73	-0.74	1	1	0	900	900	0
9/28/2023 11:36	52502 PROG_T2	0	1	1	0	0.3	0.3	-0.73	-0.74	1	1	0	900	900	0
9/28/2023 11:36	44902 SCOT_T2	0	1	1	0	0.1	0.1	0	0	0	0	0	0	0	0
9/28/2023 11:36	42701 AUGU_T1	1	3	2	0.5	0.8	0.3	0	0	2	2	0	1800	1800	0
9/28/2023 11:36	65001 NEFF_T2	0	0	0	0	0	0	-0.2	-0.3	1	1	0	1200	1200	0
9/28/2023 11:36	64101 REFR_T1	3	3	0	7.53	7.53	0	0.05	0.07	0	0	0	0	0	0
9/28/2023 11:37	54001 SDLE_T1	6	7	1	0.57	0.59	0.02	0	0	0	0	0	0	0	0
9/28/2023 11:37	46001 BERW_T1	0	0	0	0	0	0	1.9	1.92	0	0	0	0	0	0
9/28/2023 11:38	67502 WEWI_T2	1	1	0	0.1	0.2	0.1	-0.25	-0.17	0	0	0	0	0	0
9/28/2023 11:38	42701 AUGU_T1	1	1	0	0.5	0.8	0.3	0	0	2	2	0	1800	1800	0
9/28/2023 11:39	67502 WEWI_T2	1	1	0	0.1	0.2	0.1	0	0	0	0	0	0	0	0
9/28/2023 11:39	40901 JESH_T1	0	1	1	0	1.2	1.2	0	0	0	0	0	0	0	0
9/28/2023 11:40	67502 WEWI_T2	1	1	0	0.1	0.2	0.1	-0.25	-0.17	0	0	0	0	0	0
9/28/2023 11:40	65001 NEFF_T2	0	0	0	0	0	0	-0.2	-0.3	1	1	0	1200	1200	0
9/28/2023 11:41	41801 GOCI_T2	21	6	-15	0.37	0.37	0	0	0	0	0	0	0	0	0
9/28/2023 11:41	67502 WEWI_T2	1	1	0	0.1	0.2	0.1	-0.25	-0.17	0	0	0	0	0	0
9/28/2023 11:42	41801 GOCI_T2	21	6	-15	0.37	0.37	0	0	0	0	0	0	0	0	0
9/28/2023 11:42	67502 WEWI_T2	1	1	0	0.1	0.2	0.1	-0.25	-0.17	0	0	0	0	0	0
9/28/2023 11:43	45802 HEGI_T2	1	0	-1	0.4	0	-0.4	1.55	1.39	0	0	0	0	0	0
9/28/2023 11:44	61701 ELIZ_T1	1	1	0	4.8	4.7	-0.1	1.41	1.53	0	0	0	0	0	0
9/28/2023 11:44	42902 MIDD_T2	1	1	0	1	0.8	-0.2	-0.2	-0.17	0	0	0	0	0	0
9/28/2023 11:44	67503 WEWI_T2	0	0	0	0	0	0	-0.87	-0.87	0	0	0	0	0	0
9/28/2023 11:44	67502 WEWI_T2	1	1	0	0.1	0.2	0.1	-0.17	-0.24	0	0	0	0	0	0
9/28/2023 11:45	59302 MCAL_T1	0	0	0	0	0	0	-0.14	-0.14	1	1	0	600	600	0
9/28/2023 11:45	58402 MORO_T1	0	0	0	0	0	0	-3.3	-3.39	6	6	0	4500	4500	0
9/28/2023 11:45	41801 GOCI_T2	6	55	49	0.35	0.28	-0.07	0	0	0	0	0	0	0	0
9/28/2023 11:46	59301 MCAL_T1	2	3	1	0.2	0.23	0.03	-1.44	-1.47	1	1	0	600	600	0
9/28/2023 11:48	44902 SCOT_T2	1	0	-1	0.1	0	-0.1	0	0	0	0	0	0	0	0
9/28/2023 11:48	54001 SDLE_T1	6	7	1	0.62	0.57	-0.05	0	0	0	0	0	0	0	0
9/28/2023 11:48	64101 REFR_T1	3	3	0	7.53	7.33	-0.2	0.07	0.05	0	0	0	0	0	0
9/28/2023 11:48	59402 RFLD_T2	0	1	1	0	0.2	0.2	-1.23	-1.28	1	1	0	450	450	0
9/28/2023 11:49	66703 STRA_T1	0	0	0	0	0	0	-0.06	-0.13	0	0	0	0	0	0
9/28/2023 11:49	59402 RFLD_T2	0	1	1	0	0.2	0.2	-1.23	-1.28	1	1	0	450	450	0
9/28/2023 11:49	44203 POIN_T2	0	0	0	0	0	0	-0.17	-0.28	2	2	0	2100	2100	0
9/28/2023 11:49	64101 REFR_T1	3	3	0	7.53	7.33	-0.2	0.21	0.14	0	0	0	0	0	0
9/28/2023 11:49	54001 SDLE_T1	6	7	1	0.62	0.57	-0.05	0	0	0	0	0	0	0	0
9/28/2023 11:49	44201 POIN_T1	0	0	0	0	0	0	-0.8	-1.8	2	2	0	2100	2100	0
9/28/2023 11:50	67001 STHI_T2	196	71	-125	0.11	0.11	0	0	0	0	0	0	0	0	0
9/28/2023 11:50	64101 REFR_T1	3	3	0	7.53	7.33	-0.2	0.07	0.05	0	0	0	0	0	0
9/28/2023 11:50	67204 TEHI_T2	0	0	0	0	0	0	-0.04	-0.16	0	0	0	0	0	0
9/28/2023 11:51	64101 REFR_T1	3	3	0	7.53	7.33	-0.2	0.07	0.05	0	0	0	0	0	0
9/28/2023 11:51	59402 RFLD_T2	0	1	1	0	0.2	0.2	-1.23	-1.28	1	1	0	450	450	0
9/28/2023 11:52	67002 STHI_T2	0	0	0	0	0	0	0.73	0.76	0	0	0	0	0	0
9/28/2023 11:52	67203 TEHI_T1	1	2	1	0	0	0	1.81	2.76	2	1	-1	1500	600	-900
9/28/2023 11:52	44901 SCOT_T2	0	0	0	0	0	0	0.49	0.54	0	0	0	0	0	0
9/28/2023 11:52	64101 REFR_T1	3	3	0	7.53	7.33	-0.2	0.07	0.05	0	0	0	0	0	0
9/28/2023 11:53	44302 BEAV_T2	0	7	7	0	0.43	0.43	0	0	0	0	0	0	0	0
9/28/2023 11:53	67002 STHI_T2	0	0	0	0	0	0	1.46	1.52	0	0	0	0	0	0
9/28/2023 11:53	59402 RFLD_T2	0	1	1	0	0.2	0.2	-1.23	-1.28	1	1	0	450	450	0
9/28/2023 11:54	61803 EELI_T2	0	1	1	0	0.7	0.7	0	0	0	0	0	0	0	0
9/28/2023 11:55	40901 JESH_T1	1	1	0	1.2	0	-1.2	0	0	0	0	0	0	0	0
9/28/2023 11:55	44302 BEAV_T2	0	7	7	0	0.43	0.43	0	0	0	0	0	0	0	0
9/28/2023 11:56	41801 GOCI_T2	6	55	49	0.35	0.28	-0.07	0	0	0	0	0	0	0	0
9/28/2023 11:58	41801 GOCI_T2	6	55	49	0.35	0.28	-0.07	0	0	0	0	0	0	0	0
9/28/2023 12:01	58402 MORO_T1	0	0	0	0	0	0	-3.39	-3.54	6	6	0	4500	4500	0
9/28/2023 12:01	59302 MCAL_T1	0	1	1	0	0.1	0.1	-0.14	-0.13	1	1	0	600	600	0
9/28/2023 12:02	52502 PROG_T2	1	0	-1	0.3	0	-0.3	-0.71	-0.71	1	1	0	900	900	0
9/28/2023 12:03	59301 MCAL_T1	3	3	0	0.23	0.27	0.04	-1.47	-1.44	1	1	0	600	600	0
9/28/2023 12:03	44901 SCOT_T2	0	0	0	0	0	0	0.54	0.66	0	0	0	0	0	0
9/28/2023 12:04	54001 SDLE_T1	7	7	0	0.57	0.53	-0.04	0	0	0	0	0	0	0	0
9/28/2023 12:04	44901 SCOT_T2	0	0	0	0	0	0	0.54	0.66	0	0	0	0	0	0
9/28/2023 12:04	64101 REFR_T1	3	3	0	7.33	7.23	-0.1	0.05	0.05	0	0	0	0	0	0
9/28/2023 12:05	46301 ROHR_T1	0	1	1	0	0.1	0.1	0	0	0	0	0	0	0	0
9/28/2023 12:05	64101 REFR_T1	3	3	0	7.33	7.23	-0.1	0.1	0.1	0	0	0	0	0	0
9/28/2023 12:05	54001 SDLE_T1	7	7	0	0.57	0.53	-0.04	0	0	0	0	0	0	0	0
9/28/2023 12:06	46504 LOHA_T1	14	7	-7	0.26	0.43	0.17	0	0	0	0	0	0	0	0
9/28/2023 12:06	67001 STHI_T2	49	147	98	0.12	0.11	-0.01	0.07	0.07	0	0	0	0	0	0
9/28/2023 12:06	64101 REFR_T1	3	3	0	7.33	7.23	-0.1	0.14	0.14	0	0	0	0	0	0
9/28/2023 12:07	40201 BEGA_T2	1	1	0	0.6	0.2	-0.4	0	0	0	0	0	0	0	0
9/28/2023 12:07	52502 PROG_T2	1	0	-1	0.3	0	-0.3	-0.71	-0.71	1	1	0	900	900	0
9/28/2023 12:08	64101 REFR_T1	3	3	0	7.33	7.23	-0.1	0.05	0.05	0	0	0	0	0	0
9/28/2023 12:09	40201 BEGA_T2	1	1	0	0.6	0.2	-0.4	0	0	0	0	0	0	0	0
9/28/2023 12:10	46504 LOHA_T1	14	7	-7	0.26	0.43	0.17	0	0	0	0	0	0	0	0
9/28/2023 12:10	61701 ELIZ_T1	1	1	0	4.7	4.6	-0.1	1.53	1.45	0	0	0	0	0	0
9/28/2023 12:11	41801 GOCI_T2	5	56	51	0.26	0.29	0.03	0	0	0	0	0	0	0	0
9/28/2023 12:11	40902 JESH_T1	0	1	1	0	0	0	-0.31	-0.37	2	2	0	1200	1200	0
9/28/2023 12:13	45003 LIME_2	1	1	0	3.3	4.5	1.2	0	0	1	1	0	1200	1200	0
9/28/2023 12:14	41801 GOCI_T2	5	56	51	0.26	0.29	0.03	0	0	0	0	0	0	0	0
9/28/2023 12:17	45003 LIME_2	1	1	0	4.3	4.5	0.2	0	0	1	1	0	1200	1200	0
9/28/2023 12:18	41801 GOCI_T2	55	38	-17	0.28	0.28	0	0	0	0	0	0	0	0	0
9/28/2023 12:25	65001 NEFF_T2	0	0	0	0	0	0	-0.43	-0.37	1	1	0	1200	1200	0
9/28/2023 12:29	59301 MCAL_T1	3	3	0	0.2	0.27	0.07	-1.47	-1.43	1	1	0	600	600	0
9/28/2023 12:32	59302 MCAL_T1	1	0	-1	0.1	0	-0.1	-0.2	-0.08	1	1	0	600	600	0
9/28/2023 12:48	51602 DUKE_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9/28/2023 12:50	59402 RFLD_T2	0	0	0	0	0	0	-0.48	-1.16	1	1	0	450	450	0
9/28/2023 12:51	59402 RFLD_T2	0	0	0	0	0	0	-0.48	-1.16	1	1	0	450	450	0
9/28/2023 12:52	59402 RFLD_T2	0	0	0	0	0	0	-0.48	-1.16	1	1	0	450	450	0
9/28/2023 12:54	59402 RFLD_T2	0	0	0	0	0	0	-0.48	-1.16	1	1	0	450	450	0
9/28/2023 12:59	46302 ROHR_T1	4	4	0	1.88	1.98	0.1	0	0	0	0	0	0	0	0
9/28/2023 12:59	45003 LIME_2	1	1	0	3.5	3	-0.5	0	0	1	1	0	1200	1200	0
9/28/2023 13:01	58402 MORO_T1	0	0	0	0	0	0	-1.11	-1.13	2	2	0

Appendix C - Grid Benefits Achieved in Each Instance of Active Management

9/28/2023 14:07	15001 BLMO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9/28/2023 14:08	44301 BEAV_T2	1	0	-1	1.5	0	-1.5	0.44	-0.03	2	2	0	1500	1500	0
9/28/2023 14:08	55101 WERT_T1	0	0	0	0	0	0	-1.72	-1.7	3	3	0	2400	2400	0
9/28/2023 14:09	61303 EARL_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9/28/2023 14:09	52402 GRPA_T2	8	10	2	0.84	0.87	0.03	0	0	0	0	0	0	0	0
9/28/2023 14:09	15001 BLMO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9/28/2023 14:09	55101 WERT_T1	0	0	0	0	0	0	-1.72	-1.7	3	3	0	2400	2400	0
9/28/2023 14:10	67502 WEWI_T2	1	1	0	0.1	0.1	0	0	0	0	0	0	0	0	0
9/28/2023 14:10	40902 JESH_T1	0	0	0	0	0	0	-0.56	-0.56	2	2	0	1200	1200	0
9/28/2023 14:11	67502 WEWI_T2	1	1	0	0.1	0.1	0	-0.4	-0.31	0	0	0	0	0	0
9/28/2023 14:11	67503 WEWI_T2	0	0	0	0	0	0	-0.54	-0.56	0	0	0	0	0	0
9/28/2023 14:11	55101 WERT_T1	0	0	0	0	0	0	-1.72	-1.7	3	3	0	2400	2400	0
9/28/2023 14:11	40902 JESH_T1	0	0	0	0	0	0	-0.56	-0.56	2	2	0	1200	1200	0
9/28/2023 14:11	15001 BLMO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9/28/2023 14:12	41801 GOCI_T2	1	2	1	0.4	0.2	-0.2	0	0	0	0	0	0	0	0
9/28/2023 14:12	67503 WEWI_T2	0	0	0	0	0	0	-0.27	-0.28	0	0	0	0	0	0
9/28/2023 14:12	67503 WEWI_T2	0	0	0	0	0	0	-0.27	-0.28	0	0	0	0	0	0
9/28/2023 14:13	67502 WEWI_T2	1	1	0	0.1	0.1	0	-0.2	-0.15	0	0	0	0	0	0
9/28/2023 14:14	15001 BLMO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9/28/2023 14:14	67502 WEWI_T2	1	1	0	0.1	0.1	0	-0.15	-0.23	0	0	0	0	0	0
9/28/2023 14:14	41801 GOCI_T2	1	2	1	0.4	0.2	-0.2	0	0	0	0	0	0	0	0
9/28/2023 14:17	42002 MNVL_T2	3	6	3	3.2	3	-0.2	0	0	0	0	0	0	0	0
9/28/2023 14:17	58402 MORO_T1	0	1	1	0	0.5	0.5	-1.22	-1.25	2	2	0	1500	1500	0
9/28/2023 14:18	13105 NHAM_T2	0	0	0	0	0	0	-0.28	-0.27	1	1	0	1200	1200	0
9/28/2023 14:18	58402 MORO_T1	0	1	1	0	0.5	0.5	-1.22	-1.25	2	2	0	1500	1500	0
9/28/2023 14:19	52502 PROG_T2	0	0	0	0	0	0	-0.74	-0.7	1	1	0	900	900	0
9/28/2023 14:19	67203 TEHI_T1	1	1	0	0	0	0	1.98	1.82	2	2	0	1500	1500	0
9/28/2023 14:20	58402 MORO_T1	0	1	1	0	0.5	0.5	-1.22	-1.25	2	2	0	1500	1500	0
9/28/2023 14:20	43402 BENT_T1	0	0	0	0	0	0	-0.66	-0.57	1	1	0	900	900	0
9/28/2023 14:21	42701 AUGU_T1	1	1	0	0.3	0.1	-0.2	0	0	2	2	0	1800	1800	0
9/28/2023 14:21	65902 SAKR_T2	0	0	0	0	0	0	0	0.03	1	1	0	300	300	0
9/28/2023 14:21	64101 REFR_T1	3	3	0	6.77	6.87	0.1	0.05	0.07	0	0	0	0	0	0
9/28/2023 14:22	45901 AUBU_T1	0	0	0	0	0	0	1.67	1.81	0	0	0	0	0	0
9/28/2023 14:22	52502 PROG_T2	0	0	0	0	0	0	-0.74	-0.7	1	1	0	900	900	0
9/28/2023 14:23	45902 AUBU_T1	0	0	0	0	0	0	-1.42	-1.4	2	2	0	1200	1200	0
9/28/2023 14:23	24902 WHHA_T1	2	3	-1	0.1	0.1	0	0.46	0.43	0	0	0	0	0	0
9/28/2023 14:23	15001 BLMO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9/28/2023 14:23	20403 ASHF_T2	0	6	6	0	0.15	0.15	0.82	0.56	0	0	0	0	0	0
9/28/2023 14:24	42701 AUGU_T1	1	1	0	0.3	0.1	-0.2	0	0	2	2	0	1800	1800	0
9/28/2023 14:24	61801 EEU_T2	4	3	-1	1.13	1.13	0	-0.69	-0.68	1	1	0	600	600	0
9/28/2023 14:24	20403 ASHF_T2	0	6	6	0	0.15	0.15	0.82	0.56	0	0	0	0	0	0
9/28/2023 14:25	45902 AUBU_T1	0	0	0	0	0	0	-0.71	-0.7	1	1	0	600	600	0
9/28/2023 14:25	42701 AUGU_T1	1	2	1	0.3	0.1	-0.2	0	0	2	2	0	1800	1800	0
9/28/2023 14:25	46001 BERW_T1	0	0	0	0	0	0	0.98	0.96	0	0	0	0	0	0
9/28/2023 14:25	15001 BLMO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9/28/2023 14:26	45802 HEGI_T2	0	0	0	0	0	0	1.23	1.28	0	0	0	0	0	0
9/28/2023 14:26	67502 WEWI_T2	1	0	-1	0.1	0	-0.1	0	0	0	0	0	0	0	0
9/28/2023 14:26	45901 AUBU_T1	0	0	0	0	0	0	1.67	1.81	0	0	0	0	0	0
9/28/2023 14:27	46001 BERW_T1	0	0	0	0	0	0	0.98	0.96	0	0	0	0	0	0
9/28/2023 14:27	15001 BLMO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9/28/2023 14:27	67503 WEWI_T2	0	0	0	0	0	0	-0.28	-0.3	0	0	0	0	0	0
9/28/2023 14:27	40902 JESH_T1	0	0	0	0	0	0	-1.12	-1.38	4	4	0	2400	2400	0
9/28/2023 14:27	67503 WEWI_T2	0	0	0	0	0	0	-0.28	-0.3	0	0	0	0	0	0
9/28/2023 14:28	67503 WEWI_T2	0	0	0	0	0	0	-0.28	-0.3	0	0	0	0	0	0
9/28/2023 14:28	40101 HUNT_T2	0	0	0	0	0	0	-1.2	-0.98	0	0	0	0	0	0
9/28/2023 14:28	67502 WEWI_T2	1	0	-1	0.1	0	-0.1	-0.15	-0.23	0	0	0	0	0	0
9/28/2023 14:29	67502 WEWI_T2	1	0	-1	0.1	0	-0.1	-0.23	-0.25	0	0	0	0	0	0
9/28/2023 14:30	67502 WEWI_T2	0	0	0	0	0	0	-0.23	-0.25	0	0	0	0	0	0
9/28/2023 14:30	40101 HUNT_T2	0	0	0	0	0	0	-0.49	-0.48	0	0	0	0	0	0
9/28/2023 14:30	53903 HALI_T2	2	3	1	0.95	0.27	-0.68	-0.17	-0.16	0	0	0	0	0	0
9/28/2023 14:31	63401 HONY_T1	0	0	0	0	0	0	1.1	1	0	0	0	0	0	0
9/28/2023 14:31	58402 MORO_T1	1	1	0	0.3	0.5	0.2	-1.25	-1.19	2	2	0	1500	1500	0
9/28/2023 14:31	45802 HEGI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9/28/2023 14:31	44201 POIN_T1	0	0	0	0	0	0	-0.14	-0.39	2	2	0	2100	2100	0
9/28/2023 14:32	44201 POIN_T1	0	0	0	0	0	0	-0.28	-0.78	4	4	0	4200	4200	0
9/28/2023 14:33	42002 MNVL_T2	1	1	0	3	2.9	-0.1	0	0	0	0	0	0	0	0
9/28/2023 14:33	58402 MORO_T1	1	2	1	0.3	0.5	0.2	-2.5	-2.38	4	4	0	3000	3000	0
9/28/2023 14:33	47802 MOCA_T2	1	2	1	0.2	0.75	0.55	-1.02	-1.03	0	0	0	0	0	0
9/28/2023 14:34	52502 PROG_T2	0	0	0	0	0	0	-0.7	-0.71	1	1	0	900	900	0
9/28/2023 14:34	13105 NHAM_T2	0	0	0	0	0	0	-0.27	-0.27	1	1	0	1200	1200	0
9/28/2023 14:35	14402 SSLA_T1	297	325	28	0.35	0.35	0	0	0	0	0	0	0	0	0
9/28/2023 14:35	14402 SSLA_T1	297	325	28	0.35	0.35	0	0	0	0	0	0	0	0	0
9/28/2023 14:35	59102 WALK_T2	0	2	2	0	0.25	0.25	0	0	0	0	0	0	0	0
9/28/2023 14:36	42201 SHEN_T2	0	0	0	0	0	0	0.39	0.34	0	0	0	0	0	0
9/28/2023 14:36	44201 POIN_T1	0	0	0	0	0	0	-0.14	-0.39	2	2	0	2100	2100	0
9/28/2023 14:36	59402 RFLD_T2	1	0	-1	0.2	0	-0.2	-1.19	-1.19	1	1	0	450	450	0
9/28/2023 14:37	14402 SSLA_T1	297	325	28	0.35	0.35	0	0	0	0	0	0	0	0	0
9/28/2023 14:37	16302 ALPA_T2	0	0	0	0	0	0	1.32	1.22	0	0	0	0	0	0
9/28/2023 14:37	65902 SAKR_T2	0	0	0	0	0	0	0.03	0	1	1	0	300	300	0
9/28/2023 14:37	52502 PROG_T2	0	0	0	0	0	0	-0.7	-0.71	1	1	0	900	900	0
9/28/2023 14:37	64101 REFR_T1	3	3	0	6.7	6.87	0.17	0.07	0.07	0	0	0	0	0	0
9/28/2023 14:38	14402 SSLA_T1	297	325	28	0.35	0.35	0	0	0	0	0	0	0	0	0
9/28/2023 14:38	45902 AUBU_T1	0	0	0	0	0	0	-0.7	-0.7	1	1	0	600	600	0
9/28/2023 14:38	16302 ALPA_T2	0	0	0	0	0	0	0.66	0.61	0	0	0	0	0	0
9/28/2023 14:39	20403 ASHF_T2	0	8	8	0	0.16	0.16	0.56	0.64	0	0	0	0	0	0
9/28/2023 14:39	61801 EEU_T2	3	2	-1	1.03	1.7	0.67	-0.68	-0.7	1	1	0	600	600	0
9/28/2023 14:39	45902 AUBU_T1	0	0	0	0	0	0	-0.7	-0.7	1	1	0	600	600	0
9/28/2023 14:40	59102 WALK_T2	0	2	2	0	0.25	0.25	0	0	0	0	0	0	0	0
9/28/2023 14:40	56801 BENV_T1	52	51	-1	0.95	1.05	0.1	0	0	0	0	0	0	0	0
9/28/2023 14:40	67605 WARW_T1	13	13	0	0.38	0.52	0.14	-1.06	-1.04	0	0	0	0	0	0
9/28/2023 14:40	40902 JESH_T1	0	0	0	0	0	0	-0.69	-0.7	2	2	0	1200	1200	0
9/28/2023 14:40	20403 ASHF_T2	0	8	8	0	0.16	0.16	0.56	0.64	0	0	0	0	0	0
9/28/2023 14:41	41801 GOCI_T2	1	41	40	0.2	0.2	0	0	0	0	0	0	0	0	0
9/28/2023 14:42	46302 ROHR_T1	4	4	0	1.95	1.75	-0.2	0.17	0.16	0	0	0	0	0	0
9/28/2023 14:42	63404 HONY_T1	4	2	-2	3.88	7.5	3.62	0	0	0	0	0	0	0	0
9/28/2023 14:42	40902 JESH_T1	0	0	0	0	0	0	-0.69	-0.7	2	2	0	1200	1200	0
9/28/2023 14:42	60101 COCA_T1	0	0	0	0	0	0	0.32	0.3	0	0	0	0	0	0
9/28/2023 14:42	67503 WEWI_T2	0	0	0	0	0	0	-0.3	-0.29	0	0	0	0	0	0
9/28/2023 14:43	67503 WEWI_T2	0	0	0	0	0	0	-0.3	-0.29	0	0	0	0	0	0
9/28/2023 14:43	40902 JESH_T1	0	0	0	0	0	0	-0.69	-0.7	2	2	0	1200	1200	0
9/28/2023 14:43	41801 GOCI_T2	1	41	40	0.2	0.2	0	0	0	0	0	0	0	0	0
9/28/2023 14:43	67502 WEWI_T2	0	0	0	0	0	0	-0.46	-0.5	0	0	0	0	0	0
9/28/2023 14:44	52502 PROG_T2	0	0	0	0	0	0	-0.71	-0.72	1	1	0	900	900	0
9/28/2023 14:44	67502 WEWI_T2	0	0	0	0	0	0	-0.25	-0.3	0	0	0	0	0	0
9/28/2023 14:44	53903 HALI_T2	2	3	1	0.95	0.27	-0.68	-0.16	-0.13	0	0	0	0	0	0
9/28/2023 14:44	67502 WEWI_T2	0	0	0	0	0	0	-0.25	-0.3	0	0	0	0	0	0
9/28/2023 14:44	47802 MOCA_T2	1	2	1	0.2	0.75	0.55	-1.03	-0.99	0	0	0	0	0	0
9/28/2023 14:46	41801 GOCI_T2	41	22	-19	0.2	0.14	-0.06	0	0	0	0	0	0	0	0
9/28/2023 14:46	46302 ROHR_T1	4	4	0	1.58	1.65	0.07	0.16	0.17	0	0	0	0	0	0
9/28/2023 14:46	67502 WEWI_T2	0	1	1	0	0.1	0.1	-0.5	-0.6	0	0	0	0	0	0
9/28/2023 14:47	67502 WEWI_T2	0	1	1	0	0.1	0.1	0	0	0	0	0	0	0	0
9/28/2023 14:48	53903 HALI_T2	3	2	-1	0.27	0.9	0.63	-0.16	-0.13	0	0	0	0	0	0
9/28/2023 14:48	59301 MCAL_T1	5	3	-2	0.42	0.33	-0.09	0	0	0	0	0	0	0	0
9/28/2023 14:48	44201 POIN_T1	0	0	0	0	0	0	-1.56	-3.94	8	8	0	8400	8400	0
9/28/2023 14:49	54601 SUMM_T2	7	10	3	0.23	0.3	0.07	-1.78	-1.78	2	2	0	2100	2100	0
9/28/2023 14:50	54601 SUMM_T2	7	10	3	0.23	0.3	0.07	-3.56	-3.56	4	4	0	4200	4200	0
9/28/2023 14:50	65004 NEFF_T2	0	1	1	0	0	0	0	0	0	0	0	0	0	0
9/28/2023 14:50	61404 SLIT_T1	0	0	0	0	0	0	-1.17	-1.16	0	0	0	0	0	0
9/28/2023 14:50	13105 NHAM_T2	0	0	0	0	0	0	-0.27	-0.25	1	1	0	1200	1200	0
9/28/2023 14:51	54601 SUMM_T2	7	10	3	0.23	0.3	0.07	-1.78	-1.78	2	2	0	2100	2100	0
9/28/2023 14:52	44201 POIN_T1	0	0	0	0	0	0	-0.39	-0.98	2	2	0	2100	2100	0
9/28/2023 14:53	15001 BLMO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9/28/2023 14:54	61301 EARL_T1	0	0	0	0	0	0	-1.44	-1.46	2	2	0	1800	1800	0
9/28/2023 14:55	15001 BLMO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9/28/2023 14:56	15001 BLMO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9/28/2023 14:57	15001 BLMO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9/28/2023 14:58	45802 HEGI_T2	0	0	0	0	0	0	1.3	1.09	1	1	0	300	300	0
9/28/2023 14:58	63804 HEMP_T1	1	1	0	6	6	0	0	0	0	0	0	0	0	0
9/28/2023 14:59	42001 MNVL_T2	9	47	38	0.21	0.18	-0.03	0.1	0.08	0	0	0	0	0	0
9/28/2023 15:00	47101 MARL_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9/28/2023 15:01	11801 FRAN_T2	0	0	0	0	0	0	0.15	0.21	0	0	0	0	0	0
9/28/2023 15:01	47101 MARL_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9/28/2023 15:04	67204 TEHI_T2	0	0	0	0	0	0	-0.02	-0.06	0	0	0	0	0	0
9/28/2023 15:05	24902 WHHA_T1	30	204	174	0.12	0.24	0.12	0	0	0	0	0	0	0	0
9/28/2023 15:05	67204 TEHI_T2	0	0	0	0	0	0	-0.02	-0.06	0	0	0	0	0	0
9/28/2023 15:06	14402 SSLA_T1	275	352	77	0.31	0.33	0.02	0	0	0	0	0	0	0	0
9/28/2023 15:06	59402 RFLD_T2	0	1	1	0	0.1	0.1	-1.14	-1.24	1	1	0	450	450	0
9/28/2023 15:07	67203 TEHI_T1	1	2	1	0	0	0	1.67	2.39	2	1	-1	1500	600	-900
9/28/2023 15:07	46001 BERW_T1	0	0	0	0	0	0	0.97	0.98	0	0	0	0	0	0
9/28/2023 15:08	14801 TREI_T2	96	102	6	0.54	0.54	0	0.26	0.27	0	0	0	0	0	0
9/28/2023 15:08	14402 SSLA_T1	275	352	77	0.31	0.33	0.02	0	0	0	0	0	0	0	0
9/28/2023 15:08	46001 BERW_T1	0	0	0	0	0	0	0.97	0.98	0	0	0	0	0	0
9/28/2023 15:08	46503 LOHA_T1	1	0	-1	0.4	0	-0.4	-0.61	-0.61	0	0	0	0	0	0
9/28/2023 15:09	61301 EARL_T1	0	0	0	0	0	0	-1.46	-1.46	2	2	0	1800	1800	0
9/28/2023 15:10	46506 LOHA_T1	0	1	1	0	0.1	0.1	0	0	0	0	0	0	0	0
9/28/2023 15:10	24901 WHHA_T1	0	14	14	0	0.14	0.14	0.6	0.57	0	0	0	0	0	0
9/28/2023 15:10	24901 WHHA_T1	0	14	14	0	0.14	0.14	0.6	0.57	0	0	0	0	0	0
9/28/2023 15:12	61303 EARL_T1	0	0	0	0	0	0	0.19	0.13	0	0	0	0	0	0
9/28/2023 15:12	56803 BENV_T1	1	0	-1	0.5	0	-0.5	0.33	0.36	0	0	0	0	0	0
9/28/2023 15:13	45001 LIME_2	0	1	1	0	0.1	0.1	0	0	0	0	0	0	0	0
9/28/2023 15:13	45802 HEGI_T2	0	0	0	0	0	0	1.09	0.53	1	1	0	300	300	0
9/28/2023 15:13	42902 MIDD_T2	11	1	-10	0.29	0.1	-0.19	-0.21	-0.27	0	0	0	0	0	0
9/28/2023 15:15	58402 MORO_T1	0	0	0	0	0	0	-2.46	-2.3	4	4	0	3000	3000	0
9/28/2023 15:16	45001 LIME_2	0	15	15	0	0.12	0.12	0	0	0	0	0	0	0	0
9/28/2023 15:16	40101 HUNT_T2	0	0	0	0	0	0	-0.57	-0.43	0	0	0	0	0	0
9/28/2023 15:17	45003 LIME_2	1	1	0	4.7	5	0.3	0	0	1	1	0	1200	1200	0
9/28/2023 15:17	58402 MORO_T1	0	0	0	0	0	0	-1.23	-1.15	2	2	0	1500	1500	0
9/28/2023 15:22	56801 BENV_T1	47	46	-1	0.93	0.87	-0.06	0	0	0	0	0	0	0	0
9/28/2023 15:22	16402 MOPO_T1	0	0	0	0	0	0	0.78	0.67	0	0	0	0	0	0
9/28/2023 15:22	40101 HUNT_T2	0	0	0	0	0	0	-0.57	-0.43	0	0	0	0	0	0
9/28/2023 15:23	43301 WATS_T2	1	1	0	0.7	0.8	0.1	0	0	0	0	0	0	0	0
9/28/2023 15:23	16302 ALPA_T2	0	0	0	0	0	0	0.69	0.67	0	0	0	0	0	0
9/28/2023 15:24	46503 LOHA_T1	0	0	0	0	0	0	-0.61	-0.6	0	0	0	0	0	0
9/28/2023 15:24	43301 WATS_T2	1	1	0	0.7	0.8	0.1	0	0	0	0	0	0	0	0
9/28/2023 15:24	67401 WAKE_T2	2	3	1	0.25	0.27	0.02	-1.15	-1.12	0	0	0	0	0	0
9/28/2023 15:24	16402 MOPO_T1	0	0	0	0	0	0	0.78	0.67	0	0	0	0	0	0
9/28/2023 15:25	43304 WATS_T2	0	0	0	0	0	0	-0.53	-0.47	0	0	0	0	0	0
9/28/2023 15:25	40101 HUNT_T2	0	0	0	0	0	0	-0.57	-0.43	0	0	0	0	0	0
9/28/2023 15:25	61303 EARL_T1	0	0	0	0	0	0	0.13	0.07	0	0	0	0	0	0
9/28/2023 15:26	46506 LOHA_T1	0	1	1	0	0.1	0.1	0	0	0	0	0	0	0	0
9/28/2023 15:27	52401 GRPA_T2	0	1	1	0	0.2	0.2	0	0	0	0	0	0	0	0
9/28/2023 15:29	53903 HALI_T2	2	2	0	0.9	0.9	0	-0.13	-0.08	0	0	0	0	0	0
9/28/2023 15:31	65503 MOJO_T2	0	0	0	0	0	0	-0.7	-0.74	1	1	0	900	900	0
9/28/2023 15:32	65604 QVIL_T2	0	0	0	0	0	0	0.38	0.37	0	0	0	0	0	0
9/28/2023 15:33	65503 MOJO_T2	0	0	0	0	0	0	-0.7	-0.74	1	1	0	900	900	0
9/28/2023 15:36	65604 QVIL_T2	0	0	0	0	0	0	0.38	0.37	0	0	0	0	0	0
9/28/2023 15:36	46504 LOHA_T1	18	25	7	0.2	0.2	0	0	0	0	0	0	0	0	0
9/28/2023 15:36	42201 SHEN_T2	1	1	0	0.1	0.2	0.1	0.38	0.37	0	0	0	0	0	0
9/28/2023 15:40	46506 LOHA_T1	1	0	-1	0.1	0	-0.1	0

9/28/2023 20:04	52402 GRPA_T2	0	0	0	0	0	0	0	0	0	1	0	0	0	0
9/28/2023 20:04	54701 NEBL_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9/28/2023 20:09	45902 AUBU_T1	0	0	0	0	0	0	-0.37	-0.39	0	0	0	0	0	0
9/28/2023 20:12	16402 MOPO_T1	0	0	0	0	0	0	0.74	0.7	0	0	0	0	0	0
9/28/2023 20:15	29401 BELT_T1	61	70	9	0.22	0.26	0.04	0	0	0	0	0	0	0	0
9/28/2023 20:16	65604 QVIL_T2	0	0	0	0	0	0	0.31	0.29	0	0	0	0	0	0
9/28/2023 20:16	14403 SSLA_T1	13	16	3	0.35	0.42	0.07	0	0	0	0	0	0	0	0
9/28/2023 20:17	17805 GILB_T2	0	0	0	0	0	0	-0.06	-0.1	0	0	0	0	0	0
9/28/2023 20:18	17805 GILB_T2	0	0	0	0	0	0	-0.06	-0.1	0	0	0	0	0	0
9/28/2023 20:19	29401 BELT_T1	61	70	9	0.22	0.26	0.04	0	0	0	0	0	0	0	0
9/28/2023 20:19	61304 EARL_T1	0	1	1	0	0.1	0.1	0	0	0	0	0	0	0	0
9/28/2023 20:19	60803 BUCK_T1	3	10	7	0.1	0.27	0.17	-0.9	-0.92	1	1	0	600	600	0
9/28/2023 20:21	59402 RFLD_T2	27	59	32	0.33	0.35	0.02	-1.24	-1.24	1	1	0	450	450	0
9/28/2023 20:22	48302 ORWI_T2	2	2	0	0.95	1.1	0.15	0	0	0	0	0	0	0	0
9/28/2023 20:22	13503 MCMI_T2	0	0	0	0	0	0	-0.01	-0.01	0	0	0	0	0	0
9/28/2023 20:23	67002 STHI_T2	0	0	0	0	0	0	0.66	0.64	0	0	0	0	0	0
9/28/2023 20:24	10801 CHHI_T1	0	0	0	0	0	0	-0.91	-0.85	1	1	0	900	900	0
9/28/2023 20:24	24902 WHHA_T1	36	85	49	0.15	0.18	0.03	0	0	0	0	0	0	0	0
9/28/2023 20:24	17802 GILB_T1	0	0	0	0	0	0	-0.03	-0.03	0	0	0	0	0	0
9/28/2023 20:25	11801 FRAN_T2	0	0	0	0	0	0	-0.01	-0.01	0	0	0	0	0	0
9/28/2023 20:25	67002 STHI_T2	0	0	0	0	0	0	0.66	0.64	0	0	0	0	0	0
9/28/2023 20:27	16402 MOPO_T1	0	0	0	0	0	0	0.7	0.69	0	0	0	0	0	0
9/28/2023 20:27	13704 SCHN_T2	0	0	0	0	0	0	-0.39	-0.4	0	0	0	0	0	0
9/28/2023 20:28	67502 WEWI_T2	177	442	265	0.2	0.28	0.08	0	0	0	0	0	0	0	0
9/28/2023 20:29	45901 AUBU_T1	0	0	0	0	0	0	1.37	1.35	0	0	0	0	0	0
9/28/2023 20:31	14802 TREI_T2	18	31	13	0.31	0.41	0.1	0	0	0	0	0	0	0	0
9/28/2023 20:31	60803 BUCK_T1	5	12	7	0.14	0.4	0.26	0	0	0	0	0	0	0	0
9/28/2023 20:32	15001 BLMO_T1	0	1	1	0	0	0	0	0	0	0	0	0	0	0
9/28/2023 20:32	65604 QVIL_T2	0	0	0	0	0	0	0.29	0.29	0	0	0	0	0	0
9/28/2023 20:33	13503 MCMI_T2	0	0	0	0	0	0	-0.01	-0.01	0	0	0	0	0	0
9/28/2023 20:34	16302 ALPA_T2	0	0	0	0	0	0	0.63	0.6	0	0	0	0	0	0
9/28/2023 20:34	17802 GILB_T1	0	0	0	0	0	0	-0.06	-0.06	0	0	0	0	0	0
9/28/2023 20:34	67502 WEWI_T2	223	468	245	0.19	0.27	0.08	-1.5	-1.46	1	1	0	900	900	0
9/28/2023 20:35	67503 WEWI_T2	0	0	0	0	0	0	-0.28	-0.3	0	0	0	0	0	0
9/28/2023 20:35	61306 EARL_T1	0	1	1	0	0.1	0.1	0	0	0	0	0	0	0	0
9/28/2023 20:35	14403 SSLA_T1	13	18	5	0.42	0.48	0.06	0	0	0	0	0	0	0	0
9/28/2023 20:35	67503 WEWI_T2	0	0	0	0	0	0	-0.28	-0.3	0	0	0	0	0	0
9/28/2023 20:35	64101 REFR_T1	3	3	0	6.7	7.27	0.57	-0.14	-0.14	0	0	0	0	0	0
9/28/2023 20:35	60101 COCA_T1	0	0	0	0	0	0	0.22	0.22	0	0	0	0	0	0
9/28/2023 20:35	63305 GREE_T1	0	0	0	0	0	0	-1.05	-0.82	1	1	0	900	900	0
9/28/2023 20:36	15001 BLMO_T1	0	1	1	0	0	0	0	0	0	0	0	0	0	0
9/28/2023 20:36	12701 MACU_T1	0	0	0	0	0	0	0.07	0.06	0	0	0	0	0	0
9/28/2023 20:37	67502 WEWI_T2	223	468	245	0.19	0.27	0.08	-1.5	-1.46	1	1	0	900	900	0
9/28/2023 20:37	61303 EARL_T1	0	0	0	0	0	0	0.28	0.27	0	0	0	0	0	0
9/28/2023 20:37	63401 HONY_T1	0	0	0	0	0	0	0.6	0.66	0	0	0	0	0	0
9/28/2023 20:37	64101 REFR_T1	3	3	0	6.7	7.27	0.57	-0.14	-0.14	0	0	0	0	0	0
9/28/2023 20:37	65503 MOJO_T2	0	0	0	0	0	0	-0.02	-0.05	0	0	0	0	0	0
9/28/2023 20:37	47101 MARL_T1	1	1	0	4.3	0	-4.3	-0.27	-0.28	0	0	0	0	0	0
9/28/2023 20:38	67502 WEWI_T2	223	468	245	0.19	0.27	0.08	-1.5	-1.46	1	1	0	900	900	0
9/28/2023 20:38	28403 HART_T2	0	0	0	0	0	0	-0.62	-0.62	1	1	0	900	900	0
9/28/2023 20:39	26603 BROO_T1	0	3	3	0	0.1	0.1	0.29	0.27	0	0	0	0	0	0
9/28/2023 20:39	12701 MACU_T1	0	0	0	0	0	0	0.07	0.06	0	0	0	0	0	0
9/28/2023 20:39	63401 HONY_T1	0	0	0	0	0	0	0.6	0.66	0	0	0	0	0	0
9/28/2023 20:39	47101 MARL_T1	1	1	0	4.3	0	-4.3	-0.27	-0.28	0	0	0	0	0	0
9/28/2023 20:39	60101 COCA_T1	0	0	0	0	0	0	0.22	0.22	0	0	0	0	0	0
9/28/2023 20:39	17802 GILB_T1	0	0	0	0	0	0	-0.03	-0.03	0	0	0	0	0	0
9/28/2023 20:40	42201 SHEN_T2	1	1	0	0.1	0.2	0.1	0.36	0.35	0	0	0	0	0	0
9/28/2023 20:40	15001 BLMO_T1	0	1	1	0	0	0	0	0	0	0	0	0	0	0
9/28/2023 20:40	67204 TEHI_T2	0	0	0	0	0	0	0.07	0.07	0	0	0	0	0	0
9/28/2023 20:40	60803 BUCK_T1	5	12	7	0.14	0.4	0.26	-0.92	-0.91	1	1	0	600	600	0
9/28/2023 20:40	66504 SMAN_T2	0	0	0	0	0	0	-0.44	-0.47	0	0	0	0	0	0
9/28/2023 20:41	12701 MACU_T1	0	0	0	0	0	0	0.07	0.06	0	0	0	0	0	0
9/28/2023 20:41	67204 TEHI_T2	0	0	0	0	0	0	0.07	0.07	0	0	0	0	0	0
9/28/2023 20:41	20403 ASHF_T2	0	0	0	0	0	0	0.11	0.15	0	0	0	0	0	0
9/28/2023 20:41	64301 LINC_T1	0	0	0	0	0	0	-0.32	0.24	1	0	-1	600	0	-600
9/28/2023 20:41	65003 NEFF_T2	102	125	23	0.19	0.25	0.06	0	0	0	0	0	0	0	0
9/28/2023 20:41	66505 SMAN_T2	3	3	0	0.27	0.33	0.06	0.06	0.05	2	2	0	1100	1100	0
9/28/2023 20:41	61404 SLIT_T1	0	0	0	0	0	0	-1.19	-1.17	0	0	0	0	0	0
9/28/2023 20:43	14404 SSLA_T1	144	193	49	0.26	0.31	0.05	0	0	0	0	0	0	0	0
9/28/2023 20:43	46302 ROHR_T1	4	4	0	1.58	1.6	0.02	0.14	0.14	0	0	0	0	0	0
9/28/2023 20:43	28805 LAKE_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9/28/2023 20:43	60101 COCA_T1	0	0	0	0	0	0	0.22	0.22	0	0	0	0	0	0
9/28/2023 20:43	13704 SCHN_T2	0	0	0	0	0	0	-0.4	-0.41	0	0	0	0	0	0
9/28/2023 20:43	67502 WEWI_T2	223	468	245	0.19	0.27	0.08	-1.5	-1.46	1	1	0	900	900	0
9/28/2023 20:44	61703 ELIZ_T1	80	222	142	0.18	0.31	0.13	0	0	0	0	0	0	0	0
9/28/2023 20:44	23401 HONE_T2	0	0	0	0	0	0	-0.24	-0.28	0	0	0	0	0	0
9/28/2023 20:44	67503 WEWI_T2	0	0	0	0	0	0	-0.3	-0.28	0	0	0	0	0	0
9/28/2023 20:44	67002 STHI_T2	0	6	6	0	0.1	0.1	0.67	0.62	0	0	0	0	0	0
9/28/2023 20:44	64801 MONE_T2	0	0	0	0	0	0	0.23	0.23	0	0	0	0	0	0
9/28/2023 20:44	67402 WAKE_T2	1	1	0	6.6	6.8	0.2	0	0	0	0	0	0	0	0
9/28/2023 20:44	64802 MONE_T2	0	0	0	0	0	0	0.23	0.2	0	0	0	0	0	0
9/28/2023 20:44	16302 ALPA_T2	0	0	0	0	0	0	0.6	0.62	0	0	0	0	0	0
9/28/2023 20:45	28403 HART_T2	0	0	0	0	0	0	-0.62	-0.61	1	1	0	900	900	0
9/28/2023 20:45	28604 BLYT_T2	0	0	0	0	0	0	-1.38	-1.38	0	0	0	0	0	0
9/28/2023 20:46	46001 BERW_T1	0	0	0	0	0	0	0.8	0.82	0	0	0	0	0	0
9/28/2023 20:46	52002 LING_T2	1	1	0	0.6	0.8	0.2	0	0	0	0	0	0	0	0
9/28/2023 20:46	47101 MARL_T1	1	0	-1	3.9	0	-3.9	-0.28	-0.32	0	0	0	0	0	0
9/28/2023 20:46	40201 BEGA_T2	0	1	1	0	0.1	0.1	0	0	0	0	0	0	0	0
9/28/2023 20:46	65503 MOJO_T2	0	1	1	0	0	0	-0.05	-0.03	0	0	0	0	0	0
9/28/2023 20:46	67503 WEWI_T2	0	0	0	0	0	0	-0.3	-0.28	0	0	0	0	0	0
9/28/2023 20:46	64303 LINC_T1	0	0	0	0	0	0	-0.25	-0.24	0	0	0	0	0	0
9/28/2023 20:46	66505 SMAN_T2	3	3	0	0.2	0.53	0.33	0.05	0	2	2	0	1100	1100	0
9/28/2023 20:48	15001 BLMO_T1	0	2	2	0	0	0	0	0	0	0	0	0	0	0
9/28/2023 20:48	14802 TREI_T2	28	31	3	0.34	0.41	0.07	0	0	0	0	0	0	0	0
9/28/2023 20:48	67605 WARW_T1	14	15	1	0.48	0.49	0.01	-1.17	-1.19	0	0	0	0	0	0
9/28/2023 20:49	46001 BERW_T1	0	0	0	0	0	0	1.6	1.64	0	0	0	0	0	0
9/28/2023 20:49	13704 SCHN_T2	0	0	0	0	0	0	-0.41	-0.41	0	0	0	0	0	0
9/28/2023 20:49	53501 EVIL_T2	0	2	2	0	0.4	0.4	-0.54	-0.64	0	0	0	0	0	0
9/28/2023 20:49	61802 EEU_T2	1	45	44	0.1	0.11	0.01	0	0	0	0	0	0	0	0
9/28/2023 20:49	42201 SHEN_T2	1	1	0	0.1	0.2	0.1	0.35	0.37	0	0	0	0	0	0
9/28/2023 20:49	66504 SMAN_T2	0	0	0	0	0	0	-0.47	-0.5	0	0	0	0	0	0
9/28/2023 20:49	66703 STRA_T1	1	3	2	0.2	0.27	0.07	-0.27	-0.31	0	0	0	0	0	0
9/28/2023 20:49	61404 SLIT_T1	0	0	0	0	0	0	-1.17	-1.18	0	0	0	0	0	0
9/28/2023 20:50	65901 SAKR_T2	0	1	1	0	0	0	0	0	0	0	0	0	0	0
9/28/2023 20:50	52502 PROG_T2	0	0	0	0	0	0	-0.71	0.24	1	0	-1	900	0	-900
9/28/2023 20:51	47802 MOCA_T2	0	0	0	0	0	0	-1.05	-1.06	0	0	0	0	0	0
9/28/2023 20:51	43202 MVIL_T2	0	0	0	0	0	0	-0.75	-0.75	0	0	0	0	0	0
9/28/2023 20:51	44601 SALE_T2	1	1	0	0.3	0.3	0	0.04	0.04	0	0	0	0	0	0
9/28/2023 20:51	63804 HEMP_T1	1	1	0	5.5	5.5	0	0	0	0	0	0	0	0	0
9/28/2023 20:51	26603 BROO_T1	0	6	6	0	0.1	0.1	0.27	0.25	0	0	0	0	0	0
9/28/2023 20:51	52502 PROG_T2	0	0	0	0	0	0	-0.71	0.24	1	0	-1	900	0	-900
9/28/2023 20:51	42002 MNVI_T2	1	3	2	1.3	0.47	-0.83	0	0	0	0	0	0	0	0
9/28/2023 20:52	64305 LINC_T1	0	0	0	0	0	0	-0.52	-0.51	0	0	0	0	0	0
9/28/2023 20:52	24902 WHHA_T1	83	149	66	0.18	0.23	0.05	0	0	0	0	0	0	0	0
9/28/2023 20:52	40201 BEGA_T2	0	1	1	0	0.1	0.1	0	0	0	0	0	0	0	0
9/28/2023 20:52	42701 AUGU_T1	0	0	0	0	0	0	0	0	2	2	0	1800	1800	0
9/28/2023 20:53	56803 BENV_T1	0	0	0	0	0	0	0.26	0.18	0	0	0	0	0	0
9/28/2023 20:54	43302 WATS_T2	4	4	0	0.18	0.18	0	0	0	0	0	0	0	0	0
9/28/2023 20:54	49804 UNIV_T1	2	2	0	0.25	0.3	0.05	0	0	0	0	0	0	0	0
9/28/2023 20:54	42701 AUGU_T1	0	0	0	0	0	0	0	0	4	4	0	3600	3600	0
9/28/2023 20:54	53903 HALI_T2	2	2	0	1.1	1.3	0.2	-0.1	-0.1	0	0	0	0	0	0
9/28/2023 20:54	53501 EVIL_T2	0	2	2	0	0.4	0.4	-0.27	-0.32	0	0	0	0	0	0
9/28/2023 20:55	42701 AUGU_T1	0	0	0	0	0	0	0	0	4	4	0	3600	3600	0
9/28/2023 20:55	45802 HEGI_T2	1	0	-1	0.4	0	-0.4	1.23	1	0	0	0	0	0	0
9/28/2023 20:55	40902 JESH_T1	50	185	135	0.12	0.19	0.07	-0.83	-0.88	0	0	0	0	0	0
9/28/2023 20:55	55101 WERT_T1	0	0	0	0	0	0	-1.35	-1.28	2	2	0	1500	1500	0
9/28/2023 20:55	40101 HUNT_T2	0	0	0	0	0	0	-0.64	-0.63	0	0	0	0	0	0
9/28/2023 20:55	59102 WALK_T2	5	0	-5	0.14	0	-0.14	0	0	0	0	0	0	0	0
9/28/2023 20:55	44203 POIN_T2	0	0	0	0	0	0	-1.02	-0.96	2	2	0	2100	2100	0
9/28/2023 20:55	56801 BENV_T1	18	28	10	0.5	0.7	0.2	-1.6	-1.64	2	2	0	1200	1200	0
9/28/2023 20:55	45001 LIME_2	29	26	-3	0.42	0.43	0.01	0	0	0	0	0	0	0	0
9/28/2023 20:55	44201 POIN_T1	0	0	0	0	0	0	-1.99	-2.13	2	2	0	2100	2100	0
9/28/2023 20:55	46302 ROHR_T1	4	5	1	1.45	1.63	0.18	0.14	0.13	0	0	0	0	0	0
9/28/2023 20:56	49803 UNIV_T1	6	8	2	0.1	0.1	0	-1.11	-1.11	0	0	0	0	0	0
9/28/2023 20:56	46503 LOHA_T1	0	0	0	0	0	0	-0.61	-0.61	0	0	0	0	0	0
9/28/2023 20:56	56802 BENV_T2	1	1	0	0.5	0.8	0.3	-0.8	-0.78	0	0	0	0	0	0
9/28/2023 20:56	58402 MORO_T1	8	0	-8	0.1	0	-0.1	-0.63	-0.46	2	1	-1	1500	600	-900
9/28/2023 20:56	43202 MVIL_T2	0	0	0	0	0	0	-0.75	-0.75	0	0	0	0	0	0
9/28/2023 20:56	53601 DALM_T2	1	1	0	0.6	0.7	0.1	-0.14	-0.14	0	0	0	0	0	0
9/28/2023 20:56	44201 POIN_T1	0	0	0	0	0	0	-1.99	-2.13	2	2	0	2100	2100	0
9/28/2023 20:57	53501 EVIL_T2	0	2	2	0	0.4	0.4	-0.27	-0.32	0	0	0	0	0	0
9/28/2023 20:57	54603 SUMM_T2	0	1	1	0	0.1	0.1	0	0	0	0	0	0	0	0
9/28/2023 20:57	40101 HUNT_T2	0	0	0	0	0	0	-0.64	-0.63	0	0	0	0	0	0
9/28/2023 20:57	44301 BEAV_T2	0	0	0	0	0	0	0.45	0.31	1	1	0	600	600	0
9/28/2023 20:57	59102 WALK_T2	5	0	-5	0.14	0	-0.14	0	0	0	0	0	0	0	0
9/28/2023 20:57	56802 BENV_T2	1	1	0	0.5	0.8	0.3	-0.8	-0.78	0	0	0	0	0	0
9/28/2023 20:58	45003 LIME_2	1	2	1	4.1	2.45	-1.65	0	0	1	1	0	1200	1200	0
9/28/2023 20:58	56801 BENV_T1	18	28	10	0.5	0.7	0.2	-1.6	-1.64	2	2	0	1200	1200	0
9/28/2023 20:58	55101 WERT_T1	0	0	0	0	0	0	-1.35	-1.28	2	2	0	1500	1500	0
9/28/2023 20:58	43301 WATS_T2	1	1	0	0.4	0.6	0.2	0	0	0	0	0	0	0	0
9/28/2023 20:58	44302 BEAV_T2	19	2	-17	0.14	0.1	-0.04	0	0	0	0	0	0	0	0
9/28/2023 20:58	56802 BENV_T2	1	1	0	0.5	0.8	0.3	-0.8	-0.78	0	0	0	0	0	0
9/28/2023 20:59	43301 WATS_T2	1	1	0	0.4	0.6	0.2	0	0	0	0	0	0	0	0
9/28/2023 20:59	54603 SUMM_T2	0	1	1	0	0.1	0.1	0	0	0	0	0	0	0	0
9/28/2023 20:59	45001 LIME_2	29	26	-3	0.42	0.43	0.01	0	0	0	0	0	0	0	0
9/28/2023 20:59	59101 WALK_T2	1	1	0	0	0	0	1.38	1.45	0	0	0	0	0	0
9/28/2023 20:59	44201 POIN_T1	0	0	0	0	0	0	-2.13	-1.97	2	2	0	2100	2100	0
9/28/2023 20:59	46801 HEPB_T2	2	2	0	0.65	0.75	0.1	0.6	0.59	0	0	0	0	0	0
9/28/2023 21:00	44302 BEAV_T2	2	0	-2	0.1	0	-0.1	0	0	0	0	0	0	0	0
9/28/2023 21:00	40901 JESH_T1	116	164	48	0.33	0.45	0.12	0	0	0	0	0	0	0	0
9/28/2023 21:00	56802 BENV_T2	1	4	3	0.7	0.33	-0.37	-0.78	-0.75	0	0	0	0	0	0
9/28/2023 21:00	43302 WATS_T2	0	4	4	0	0.18	0.18	0	0	0	0	0	0	0	0
9/28/2023 21:00	45702 LIND_T2	1	1	0	0.2	0.2	0	-0.5	-0.53	0	0	0	0	0	0
9/28/2023 21:01	55101 WERT_T1	0	0	0	0	0	0	-2.55	-2.76	4	4	0	3000	3000	0
9/28/2023 21:01	56801 BENV_T1	27	31	4	0.51	0.84	0.33	-0.82	-0.81	1	1	0	600	600	0
9/28/2023 21:02	59101 WALK_T2	1	1	0	0	0	0	1.38	1.45	0	0	0	0	0	0
9/28/2023 21:02	54602 SUMM_T2	0	15	15	0	0.32	0.32	0	0	0	0	0	0	0	0
9/28/2023 21:02	58402 MORO_T1	0	0	0	0	0	0	-0.46	-0.47	1	1	0	600	600	0
9/28/2023 21:02	56802 BENV_T2	1	4	3	0.7	0.33	-0.37	-0.78	-0.75	0	0	0	0	0	0
9/28/2023 21:02	55101 WERT_T1	0	0	0	0	0	0	-2.55	-2.76	4	4	0	3000	3000	0
9/28/2023 21:03	58402 MORO_T1	0	0	0	0	0	0	-0.46	-0.47	1	1	0	600	600	0
9/28/2023 21:03	54701 NEBL_T1	0	4	4	0	0.25	0.25	0	0	1	1	0	600	600	0
9/28/2023 21:04	52404 GRPA_T2	0	1	1	0	0.2	0.2	0	0	0	0	0	0	0	0
9/28/2023 21:05	52402 GRPA_T2	5	5	0	1.02	1.4	0.38	0	0	0	0	0	0	0	0
9/28/2023 21:10	53901 HALI_T2	2	2	0	0.35	0.55	0.2	0	0	0	0	0	0	0	0
9/28/2023 21:10	43402 BENT_T1	0	0	0	0	0	0	-0.96	-0.95	1	1	0	900	900	0
9/28/2023 21:23	13501 MCMI_T1	0	0	0	0	0	0	0.26	0.26	0	0	0	0	0	0
9/28/2023 21:29	43402 BENT_T1	0	0	0	0	0	0	-0.95	-0.95	1	1	0	900	900	0
9/28/2023 22:10	43402 BENT_T1	0	0	0	0

Appendix C - Grid Benefits Achieved in Each Instance of Active Management

9/29/2023 0:28	46001 BERW_T1	0	0	0	0	0	0	0.59	0.57	0	0	0	0	0	0
9/29/2023 0:28	47101 MARL_T1	0	0	0	0	0	0	-1.84	-1.72	0	0	0	0	0	0
9/29/2023 0:28	56802 BENV_T2	1	1	0	0.2	0.3	0.1	-3.2	-3.32	0	0	0	0	0	0
9/29/2023 0:28	15001 BLMO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9/29/2023 0:28	59003 MIFF_T1	0	0	0	0	0	0	1.12	0.78	0	0	0	0	0	0
9/29/2023 0:28	20403 ASHF_T2	0	0	0	0	0	0	-0.03	-0.05	0	0	0	0	0	0
9/29/2023 0:28	24902 WHHA_T1	0	0	0	0	0	0	0.37	0.37	0	0	0	0	0	0
9/29/2023 0:28	13105 NHAM_T2	0	0	0	0	0	0	-0.38	-0.34	1	1	0	1200	1200	0
9/29/2023 0:52	65003 NEFF_T2	0	1	1	0	0	0	0	0	0	0	0	0	0	0
9/29/2023 1:27	63305 GREE_T1	0	0	0	0	0	0	-1.33	-1.36	1	1	0	900	900	0
9/29/2023 1:35	65001 NEFF_T2	1	6	5	0.1	0.15	0.05	-1.15	-1.21	1	1	0	1200	1200	0
9/29/2023 2:20	63301 GREE_T1	2	0	-2	0.1	0	-0.1	0	0	0	0	0	0	0	0
9/29/2023 2:31	63305 GREE_T1	0	0	0	0	0	0	-1.34	-1.36	1	1	0	900	900	0
9/29/2023 2:41	63305 GREE_T1	0	0	0	0	0	0	-1.34	-1.36	1	1	0	900	900	0
9/29/2023 6:16	63305 GREE_T1	0	0	0	0	0	0	-1.27	-1.21	1	1	0	900	900	0
9/29/2023 6:58	46206 DANV_T2	0	1	1	0	0.2	0.2	0	0	0	0	0	0	0	0
9/29/2023 7:17	54701 NEBL_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9/29/2023 7:30	45802 HEGI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9/29/2023 7:46	63305 GREE_T1	0	0	0	0	0	0	-0.54	-0.62	1	1	0	900	900	0
9/29/2023 8:12	46801 HEPB_T2	2	3	1	0.95	0.85	-0.1	0.56	0.57	0	0	0	0	0	0
9/29/2023 8:13	42902 MIDD_T2	0	0	0	0	0	0	0.07	0.36	0	0	0	0	0	0
9/29/2023 8:17	42902 MIDD_T2	0	0	0	0	0	0	0.36	0.38	0	0	0	0	0	0
9/29/2023 8:17	63305 GREE_T1	0	0	0	0	0	0	-0.62	-0.53	1	1	0	900	900	0
9/29/2023 8:19	54701 NEBL_T1	0	0	0	0	0	0	0	0	1	1	0	600	600	0
9/29/2023 8:20	59101 WALK_T2	1	1	0	0	0	0	1.8	1.93	0	0	0	0	0	0
9/29/2023 8:24	56603 HAMP_T1	4	29	25	0.1	0.13	0.03	0	0	0	0	0	0	0	0
9/29/2023 8:28	45802 HEGI_T2	0	0	0	0	0	0	1.49	0.69	0	0	0	0	0	0
9/29/2023 8:28	63305 GREE_T1	0	0	0	0	0	0	-0.62	-0.53	1	1	0	900	900	0
9/29/2023 8:29	63305 GREE_T1	0	0	0	0	0	0	-0.53	-0.56	1	1	0	900	900	0
9/29/2023 8:30	40101 HUNT_T2	0	0	0	0	0	0	-0.63	-0.63	0	0	0	0	0	0
9/29/2023 8:33	63305 GREE_T1	0	0	0	0	0	0	-0.53	-0.56	1	1	0	900	900	0
9/29/2023 8:39	56802 BENV_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9/29/2023 8:40	53601 DALM_T2	1	1	0	1.1	1.2	0.1	-0.52	-0.51	1	1	0	900	900	0
9/29/2023 8:51	43001 ALWD_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9/29/2023 9:04	44201 POIN_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9/29/2023 9:05	64101 REFR_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9/29/2023 9:06	26603 BROO_T1	0	0	0	0	0	0	0.17	0.15	0	0	0	0	0	0
9/29/2023 9:09	65001 NEFF_T2	0	0	0	0	0	0	-0.44	-0.48	1	1	0	1200	1200	0
9/29/2023 9:10	26603 BROO_T1	0	0	0	0	0	0	0.17	0.15	0	0	0	0	0	0
9/29/2023 9:19	65001 NEFF_T2	0	0	0	0	0	0	-0.48	-0.37	1	1	0	1200	1200	0
9/29/2023 9:20	49803 UNIV_T1	30	23	-7	0.13	0.12	-0.01	-1.03	-1.03	0	0	0	0	0	0
9/29/2023 9:22	59101 WALK_T2	1	1	0	0	0	0	1.45	1.58	0	0	0	0	0	0
9/29/2023 9:25	45802 HEGI_T2	0	0	0	0	0	0	0	0.62	0	0	0	0	0	0
9/29/2023 9:30	13503 MCMI_T2	0	0	0	0	0	0	-0.01	-0.01	0	0	0	0	0	0
9/29/2023 9:32	42002 MNVL_T2	1	1	0	2.6	2.8	0.2	0	0	0	0	0	0	0	0
9/29/2023 9:32	43202 MVIL_T2	0	0	0	0	0	0	-0.68	-0.65	0	0	0	0	0	0
9/29/2023 9:33	43202 MVIL_T2	0	0	0	0	0	0	-0.68	-0.65	0	0	0	0	0	0
9/29/2023 9:35	49803 UNIV_T1	23	0	-23	0.12	0	-0.12	-1.03	-1.05	0	0	0	0	0	0
9/29/2023 9:36	56802 BENV_T2	1	1	0	0.9	1	0.1	-0.74	-0.72	0	0	0	0	0	0
9/29/2023 9:36	42201 SHEN_T2	0	0	0	0	0	0	0.29	0.39	0	0	0	0	0	0
9/29/2023 9:37	67503 WEWI_T2	0	0	0	0	0	0	-0.27	-0.27	0	0	0	0	0	0
9/29/2023 9:37	56802 BENV_T2	1	1	0	0.9	1	0.1	-0.74	-0.72	0	0	0	0	0	0
9/29/2023 9:37	59202 THOM_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9/29/2023 9:41	56802 BENV_T2	1	1	0	0.9	1	0.1	-0.74	-0.72	0	0	0	0	0	0
9/29/2023 9:47	41901 REED_T1	9	11	2	0.23	0.65	0.42	-1.25	-1.25	1	1	0	900	900	0
9/29/2023 9:51	45902 AUBU_T1	0	0	0	0	0	0	-0.67	-0.64	1	1	0	600	600	0
9/29/2023 9:53	20403 ASHF_T2	0	0	0	0	0	0	0.66	0.75	0	0	0	0	0	0
9/29/2023 9:54	45902 AUBU_T1	0	0	0	0	0	0	-0.67	-0.64	1	1	0	600	600	0
9/29/2023 9:56	60801 BUCK_T1	0	0	0	0	0	0	0.11	0.14	0	0	0	0	0	0
9/29/2023 9:56	23401 HONE_T2	0	0	0	0	0	0	-0.28	-0.19	0	0	0	0	0	0
9/29/2023 9:56	20403 ASHF_T2	0	0	0	0	0	0	0.66	0.75	0	0	0	0	0	0
9/29/2023 9:57	10801 CHHI_T1	0	1	1	0	0.1	0.1	-0.86	-0.92	1	1	0	900	900	0
9/29/2023 9:58	52404 GRPA_T2	0	0	0	0	0	0	1.24	1.24	0	0	0	0	0	0
9/29/2023 9:59	40902 JESH_T1	0	0	0	0	0	0	-0.08	-0.05	1	1	0	600	600	0
9/29/2023 9:59	52402 GRPA_T2	2	1	-1	1.3	2.7	1.4	0	0	0	0	0	0	0	0
9/29/2023 10:00	26401 INOR_T1	1	4	3	0.1	0.13	0.03	0	0	0	0	0	0	0	0
9/29/2023 10:00	56503 ROCK_T2	0	3	3	0	0.2	0.2	0	0	0	0	0	0	0	0
9/29/2023 10:00	66504 SMAN_T2	0	0	0	0	0	0	-0.39	-0.32	0	0	0	0	0	0
9/29/2023 10:00	20401 ASHF_T2	0	0	0	0	0	0	-0.28	-0.24	1	1	0	600	600	0
9/29/2023 10:00	67605 WARW_T1	6	12	6	0.32	0.35	0.03	0	0	0	0	0	0	0	0
9/29/2023 10:00	64801 MONE_T2	1	0	-1	0.1	0	-0.1	0.27	0.28	0	0	0	0	0	0
9/29/2023 10:00	64101 REFR_T1	3	3	0	6.53	6.8	0.27	-0.77	-0.71	0	0	0	0	0	0
9/29/2023 10:00	52503 PROG_T2	0	0	0	0	0	0	-0.7	-0.7	1	1	0	900	900	0
9/29/2023 10:00	43304 WATS_T2	0	0	0	0	0	0	-0.29	-0.24	0	0	0	0	0	0
9/29/2023 10:00	56802 BENV_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9/29/2023 10:00	46803 HEPB_T2	0	0	0	0	0	0	0.44	0.44	0	0	0	0	0	0
9/29/2023 10:00	54701 NEBL_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9/29/2023 10:00	23301 JEFF_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9/29/2023 10:00	12604 MACA_T1	0	0	0	0	0	0	0.32	0.31	0	0	0	0	0	0
9/29/2023 10:00	42902 MIDD_T2	0	0	0	0	0	0	0.32	0.37	0	0	0	0	0	0
9/29/2023 10:00	45802 HEGI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9/29/2023 10:00	20401 ASHF_T2	0	0	0	0	0	0	-0.28	-0.24	1	1	0	600	600	0
9/29/2023 10:00	61303 EARL_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9/29/2023 10:00	46203 DANV_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9/29/2023 10:00	52503 PROG_T2	0	0	0	0	0	0	-0.7	-0.7	1	1	0	900	900	0
9/29/2023 10:00	44301 BEAV_T2	0	0	0	0	0	0	0.48	0.34	1	1	0	600	600	0
9/29/2023 10:00	44201 POIN_T1	0	0	0	0	0	0	-0.55	-0.57	2	2	0	2100	2100	0
9/29/2023 10:00	59102 WALK_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9/29/2023 10:00	56601 HAMP_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9/29/2023 10:00	41901 REED_T1	11	11	0	0.47	0.8	0.33	-1.25	-1.27	1	1	0	900	900	0
9/29/2023 10:01	15001 BLMO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9/29/2023 10:01	64301 LINC_T1	0	0	0	0	0	0	0.04	0.1	1	1	0	600	600	0
9/29/2023 10:03	52501 PROG_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9/29/2023 10:04	47802 MOCA_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9/29/2023 10:06	64101 REFR_T1	3	3	0	6.53	6.8	0.27	-0.15	-0.14	0	0	0	0	0	0
9/29/2023 10:06	45402 WILO_T2	1	2	1	0.2	0.35	0.15	0	0	0	0	0	0	0	0
9/29/2023 10:07	67203 TEHI_T1	3	2	-1	0.55	0.4	-0.15	2.27	2.27	2	2	0	1500	1500	0
9/29/2023 10:07	67201 TEHI_T1	0	0	0	0	0	0	0.9	-0.02	1	2	1	900	1800	900
9/29/2023 10:07	26603 BROO_T1	0	0	0	0	0	0	0.16	0.18	0	0	0	0	0	0
9/29/2023 10:07	56802 BENV_T2	1	1	0	0.5	0.9	0.4	-0.74	-0.73	0	0	0	0	0	0
9/29/2023 10:07	45902 AUBU_T1	0	0	0	0	0	0	-0.64	-0.67	1	1	0	600	600	0
9/29/2023 10:07	64101 REFR_T1	3	3	0	6.53	6.8	0.27	-0.15	-0.14	0	0	0	0	0	0
9/29/2023 10:08	10801 CHHI_T1	0	2	2	0	0.2	0.2	-0.92	-0.85	1	1	0	900	900	0
9/29/2023 10:08	67204 TEHI_T2	0	0	0	0	0	0	-0.09	-0.09	0	0	0	0	0	0
9/29/2023 10:08	56802 BENV_T2	1	1	0	0.5	0.9	0.4	-0.74	-0.73	0	0	0	0	0	0
9/29/2023 10:09	56802 BENV_T2	1	1	0	0.5	0.9	0.4	-0.74	-0.73	0	0	0	0	0	0
9/29/2023 10:09	44802 EDAN_T2	0	0	0	0	0	0	-2.05	-2.06	1	1	0	1200	1200	0
9/29/2023 10:09	26603 BROO_T1	0	0	0	0	0	0	0.16	0.18	0	0	0	0	0	0
9/29/2023 10:09	53601 DALM_T2	1	1	0	1.1	1.1	0	-0.52	-0.51	1	1	0	900	900	0
9/29/2023 10:09	20403 ASHF_T2	0	0	0	0	0	0	0.75	0.66	0	0	0	0	0	0
9/29/2023 10:09	67204 TEHI_T2	0	0	0	0	0	0	-0.09	-0.09	0	0	0	0	0	0
9/29/2023 10:10	52404 GRPA_T2	0	0	0	0	0	0	1.24	1.2	0	0	0	0	0	0
9/29/2023 10:10	45902 AUBU_T1	0	0	0	0	0	0	-0.64	-0.67	1	1	0	600	600	0
9/29/2023 10:10	60101 COCA_T1	0	0	0	0	0	0	0.33	0.31	0	0	0	0	0	0
9/29/2023 10:11	28403 HART_T2	0	0	0	0	0	0	-0.66	-0.68	1	1	0	900	900	0
9/29/2023 10:12	44802 EDAN_T2	0	0	0	0	0	0	-4.1	-4.12	2	2	0	2400	2400	0
9/29/2023 10:12	46801 HEPB_T2	2	2	0	0.8	1	0.2	0.6	0.64	0	0	0	0	0	0
9/29/2023 10:12	17805 GILB_T2	0	6	6	0	0	0	0	0	0	0	0	0	0	0
9/29/2023 10:12	60801 BUCK_T1	0	0	0	0	0	0	0.14	0.11	0	0	0	0	0	0
9/29/2023 10:13	42903 MIDD_T2	2	2	0	0.7	0.9	0.2	0	0	0	0	0	0	0	0
9/29/2023 10:13	40101 HUNT_T2	0	0	0	0	0	0	-0.55	-0.58	0	0	0	0	0	0
9/29/2023 10:14	52403 GRPA_T2	1	0	-1	0.8	0.1	-0.7	0	0	0	0	0	0	0	0
9/29/2023 10:14	43202 MVIL_T2	0	0	0	0	0	0	-0.67	-0.68	0	0	0	0	0	0
9/29/2023 10:14	40902 JESH_T1	0	0	0	0	0	0	-0.05	0	1	1	0	600	600	0
9/29/2023 10:14	42902 MIDD_T2	0	0	0	0	0	0	0.37	0.32	0	0	0	0	0	0
9/29/2023 10:14	12701 MACU_T1	0	0	0	0	0	0	0.26	0.24	0	0	0	0	0	0
9/29/2023 10:15	43202 MVIL_T2	0	0	0	0	0	0	-0.67	-0.68	0	0	0	0	0	0
9/29/2023 10:15	40101 HUNT_T2	0	0	0	0	0	0	-0.58	-0.52	0	0	0	0	0	0
9/29/2023 10:17	48302 ORWI_T2	2	2	0	0.4	0.55	0.15	0.12	0.1	0	0	0	0	0	0
9/29/2023 10:17	13704 SCHN_T2	1	6	5	0.1	0.18	0.08	-0.28	-0.28	0	0	0	0	0	0
9/29/2023 10:17	42201 SHEN_T2	0	0	0	0	0	0	0.31	0.32	0	0	0	0	0	0
9/29/2023 10:17	13503 MCMI_T2	0	0	0	0	0	0	-0.01	-0.01	0	0	0	0	0	0
9/29/2023 10:19	56501 ROCK_T2	10	7	-3	0.53	0.39	-0.14	-0.83	-0.83	0	0	0	0	0	0
9/29/2023 10:20	54701 NEBL_T1	0	2	2	0	0.1	0.1	0	0	1	1	0	600	600	0
9/29/2023 10:20	66505 SMAN_T2	0	0	0	0	0	0	1.06	0.97	4	4	0	2200	2200	0
9/29/2023 10:20	46302 ROHR_T1	4	4	0	1.43	1.7	0.27	0	0	0	0	0	0	0	0
9/29/2023 10:21	65001 NEFF_T2	0	0	0	0	0	0	-0.45	-0.4	1	1	0	1200	1200	0
9/29/2023 10:21	59101 WALK_T2	1	1	0	0	0	0	2.69	3.15	0	0	0	0	0	0
9/29/2023 10:21	13701 SCHN_T2	0	1	1	0	0.1	0.1	0	0	0	0	0	0	0	0
9/29/2023 10:21	67502 WEWI_T2	0	0	0	0	0	0	-0.31	-0.34	0	0	0	0	0	0
9/29/2023 10:22	59101 WALK_T2	1	1	0	0	0	0	1.35	1.58	0	0	0	0	0	0
9/29/2023 10:22	15001 BLMO_T1	0	1	1	0	0	0	0	0	0	0	0	0	0	0
9/29/2023 10:23	67502 WEWI_T2	0	0	0	0	0	0	-0.31	-0.34	0	0	0	0	0	0
9/29/2023 10:23	29402 BELT_T1	2	0	-2	0.25	0	-0.25	0	0	0	0	0	0	0	0
9/29/2023 10:24	67503 WEWI_T2	0	0	0	0	0	0	-0.29	-0.27	0	0	0	0	0	0
9/29/2023 10:24	29402 BELT_T1	2	0	-2	0.25	0	-0.25	0	0	0	0	0	0	0	0
9/29/2023 10:24	61801 EELI_T2	2	2	0	0.95	1.35	0.4	-0.66	-0.69	1	1	0	600	600	0
9/29/2023 10:24	67503 WEWI_T2	0	0	0	0	0	0	-0.29	-0.27	0	0	0	0	0	0
9/29/2023 10:24	28604 BLYT_T2	0	1	1	0	0	0	-1.4	-1.4	0	0	0	0	0	0
9/29/2023 10:24	65003 NEFF_T2	0	4	4	0	0.23	0.23	0	0	0	0	0	0	0	0
9/29/2023 10:25	29402 BELT_T1	2	0	-2	0.25	0	-0.25	0	0	0	0	0	0	0	0
9/29/2023 10:25	67503 WEWI_T2	0	0	0	0	0	0	-0.29	-0.27	0	0	0	0	0	0
9/29/2023 10:25	15001 BLMO_T1	0	1	1	0	0	0	0	0	0	0	0	0	0	0
9/29/2023 10:26	61001 DONV_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9/29/2023 10:27	52403 GRPA_T2	1	2	1	0.3	0.1	-0.2	0.06	0.08	0	0	0	0	0	0
9/29/2023 10:27	17805 GILB_T2	0	0	0	0	0	0	0.29	0.27	0	0	0	0	0	0
9/29/2023 10:27	46801 HEPB_T2	2	2	0	1	0.95	-0.05	0.64	0.66	0	0	0	0	0	0
9/29/2023 10:27	28604 BLYT_T2	0	1	1	0	0	0	-1.4	-1.4	0	0	0	0	0	0
9/29/2023 10:28	17804 GILB_T2	1	1	0	0.2	0.1	-0.1	0	0	0	0	0	0	0	0
9/29/2023 10:28	23401 HONE_T2	0	0	0	0	0	0	-0.21	-0.23	0	0	0	0	0	0
9/29/2023 10:28	13503 MCMI_T2	0	0	0	0	0	0	-0.01	-0.01	0	0	0	0	0	0
9/29/2023 10:28	40902 JESH_T1	0	0	0	0	0	0	-0.05	0	1	2	1	600	1200	600
9/29/2023 10:29	45802 HEGI_T2	1	0	-1	0.1	0	-0.1	1.22	1.25	0	0	0	0	0	0
9/29/2023 10:29	52403 GRPA_T2	1	2	1	0.3	0.1	-0.2	0.16	0.3	0	0	0	0	0	0
9/29/2023 10:29	43402 BENT_T1	0	0	0	0	0	0	-0.66	-0.69	1	1	0	900	900	0
9/29/2023 10:29	17802 GILB_T1	0	0	0	0	0	0	0.09	0.07	0	0	0	0	0	0
9/29/2023 10:30	17802 GILB_T1	0	0	0	0	0	0	0.09	0.07	0	0	0	0	0	0
9/29/2023 10:30	47802 MOCA_T2	0	0	0	0	0	0	-0.92	-0.93	0	0	0	0	0	0
9/29/2023 10:30	12701 MACU_T1	0	1	1	0	0	0	0.12	0.13	0	0	0	0	0	0
9/29/2023 10:33	60501 NMAN_T2	3	3	0	5.03	5.2	0.17	0	0	0	0	0	0	0	0
9/29/2023 10:34	12701 MACU_T1	0	1	1	0	0	0	0.12	0.13	0	0	0	0	0	0
9/29/2023 10:35	56501 ROCK_T2	9	10	1	0.4	0.37	-0.03	0	0	0	0	0	0	0	0
9/29/2023 10:37	45902 AUBU_T1	0	0	0	0	0	0	-0.65	-0.65	1	1	0	600	600	0
9/29/2023 10:38	45901 AUBU_T1	0	0	0	0	0	0	1.94	1.91	0	0	0	0	0	0
9/29/2023 10:38	66504 SMAN_T2	0	0	0	0	0	0	-0.29	-0.41	0	0	0	0	0	0
9/29/2023 10:38	46001 BERW_T1	1	1	0	0.4	0	-0.4	2.8	2.84	0	0	0	0	0	0
9/29/2023 10:39	15001 BLMO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9/29/2023 10:39	67503 WEWI_T2	0	0	0	0	0	0	-0.27	-0.29	0	0	0	0	0	0
9/29/2023 10:40	15001 BLMO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9/29/2023 10:40	41801 GOCI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9/29/2023 10:40	45901 AUBU_T1	0	0	0	0	0	0

Appendix C - Grid Benefits Achieved in Each Instance of Active Management

9/29/2023 11:22	60803 BUCK_T1	0	3	3	0	0.1	0.1	-0.89	-0.89	1	1	0	600	600	0
9/29/2023 11:22	56801 BENV_T1	32	37	5	0.7	0.69	-0.01	-0.87	-0.85	1	1	0	600	600	0
9/29/2023 11:22	59101 WALK_T2	1	1	0	0	0	0	1.37	1.24	0	0	0	0	0	0
9/29/2023 11:22	46004 BERW_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9/29/2023 11:23	56801 BENV_T1	32	37	5	0.7	0.69	-0.01	-0.87	-0.85	1	1	0	600	600	0
9/29/2023 11:23	44601 SALE_T2	1	1	0	0.3	0.8	0.5	0.22	0.17	0	0	0	0	0	0
9/29/2023 11:24	56801 BENV_T1	32	37	5	0.7	0.69	-0.01	-1.74	-1.7	2	2	0	1200	1200	0
9/29/2023 11:26	28601 BLYT_T2	0	1	1	0	0	0	0	0	0	0	0	0	0	0
9/29/2023 11:26	64101 REFR_T1	3	3	0	6.9	7.8	0.9	-0.15	-0.14	0	0	0	0	0	0
9/29/2023 11:26	60803 BUCK_T1	0	3	3	0	0.1	0.1	-0.89	-0.89	1	1	0	600	600	0
9/29/2023 11:28	56801 BENV_T1	32	37	5	0.7	0.69	-0.01	-0.87	-0.85	1	1	0	600	600	0
9/29/2023 11:30	58402 MORO_T1	0	0	0	0	0	0	-1.04	-1.1	2	2	0	1500	1500	0
9/29/2023 11:31	64801 MONE_T2	0	1	1	0	0.6	0.6	0.29	0.29	0	0	0	0	0	0
9/29/2023 11:31	58402 MORO_T1	0	0	0	0	0	0	-1.04	-1.1	2	2	0	1500	1500	0
9/29/2023 11:32	64802 MONE_T2	0	0	0	0	0	0	0.21	0.23	0	0	0	0	0	0
9/29/2023 11:32	54206 PENN_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9/29/2023 11:32	13105 NHAM_T2	0	0	0	0	0	0	-0.27	-0.27	1	1	0	1200	1200	0
9/29/2023 11:33	66505 SMAN_T2	0	0	0	0	0	0	0.5	0.47	2	2	0	1100	1100	0
9/29/2023 11:33	42002 MNVL_T2	1	1	0	2.7	2.6	-0.1	0	0	0	0	0	0	0	0
9/29/2023 11:33	58402 MORO_T1	0	0	0	0	0	0	-1.04	-1.1	2	2	0	1500	1500	0
9/29/2023 11:34	65604 QVIL_T2	0	0	0	0	0	0	0.43	0.45	0	0	0	0	0	0
9/29/2023 11:36	67201 TEHI_T1	0	0	0	0	0	0	-0.27	0.77	2	1	-1	1800	900	-900
9/29/2023 11:36	67201 TEHI_T1	0	0	0	0	0	0	-0.27	0.77	2	1	-1	1800	900	-900
9/29/2023 11:36	58402 RFLD_T2	0	0	0	0	0	0	-1.11	-1.1	1	1	0	450	450	0
9/29/2023 11:36	65604 QVIL_T2	0	0	0	0	0	0	0.43	0.45	0	0	0	0	0	0
9/29/2023 11:36	66504 SMAN_T2	0	0	0	0	0	0	-0.33	-0.33	0	0	0	0	0	0
9/29/2023 11:38	60101 COCA_T1	0	0	0	0	0	0	0.35	0.36	0	0	0	0	0	0
9/29/2023 11:38	66504 SMAN_T2	0	0	0	0	0	0	-0.33	-0.33	0	0	0	0	0	0
9/29/2023 11:38	67204 TEHI_T2	0	0	0	0	0	0	-0.18	0	0	0	0	0	0	0
9/29/2023 11:38	20403 ASHF_T2	0	2	2	0	0.15	0.15	0.49	0.5	0	0	0	0	0	0
9/29/2023 11:39	60101 COCA_T1	0	0	0	0	0	0	0.7	0.72	0	0	0	0	0	0
9/29/2023 11:39	67503 WEWI_T2	0	0	0	0	0	0	-0.27	-0.28	0	0	0	0	0	0
9/29/2023 11:39	66505 SMAN_T2	0	0	0	0	0	0	0.5	0.47	2	2	0	1100	1100	0
9/29/2023 11:40	67502 WEWI_T2	0	0	0	0	0	0	-0.36	-0.26	0	0	0	0	0	0
9/29/2023 11:40	20403 ASHF_T2	0	2	2	0	0.15	0.15	0.49	0.5	0	0	0	0	0	0
9/29/2023 11:40	64101 REFR_T1	3	3	0	7.1	7.8	0.7	-0.43	-0.43	0	0	0	0	0	0
9/29/2023 11:41	67502 WEWI_T2	0	0	0	0	0	0	-0.36	-0.26	0	0	0	0	0	0
9/29/2023 11:41	64101 REFR_T1	3	3	0	7.1	7.8	0.7	-0.14	-0.14	0	0	0	0	0	0
9/29/2023 11:42	67503 WEWI_T2	0	0	0	0	0	0	-0.27	-0.28	0	0	0	0	0	0
9/29/2023 11:42	64101 REFR_T1	3	3	0	7.1	7.8	0.7	-0.14	-0.14	0	0	0	0	0	0
9/29/2023 11:43	67503 WEWI_T2	0	0	0	0	0	0	-0.54	-0.56	0	0	0	0	0	0
9/29/2023 11:43	64101 REFR_T1	3	3	0	7.1	7.8	0.7	-0.29	-0.29	0	0	0	0	0	0
9/29/2023 11:43	67503 WEWI_T2	0	0	0	0	0	0	-0.54	-0.56	0	0	0	0	0	0
9/29/2023 11:49	67002 STHI_T2	0	1	1	0	0.1	0.1	0.76	0.8	0	0	0	0	0	0
9/29/2023 11:51	67002 STHI_T2	0	1	1	0	0.1	0.1	0.76	0.8	0	0	0	0	0	0
9/29/2023 11:51	65604 QVIL_T2	0	0	0	0	0	0	0.9	0.92	0	0	0	0	0	0
9/29/2023 11:52	67002 STHI_T2	0	1	1	0	0.1	0.1	0.76	0.8	0	0	0	0	0	0
9/29/2023 11:52	15001 BLMO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9/29/2023 11:52	67203 TEHI_T1	1	1	0	0	0	0	1.71	1.84	2	2	0	1500	1500	0
9/29/2023 11:53	15001 BLMO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9/29/2023 11:53	67001 STHI_T2	1	107	106	0.4	0.11	-0.29	0	0	0	0	0	0	0	0
9/29/2023 11:53	67204 TEHI_T2	0	0	0	0	0	0	0	-0.12	0	0	0	0	0	0
9/29/2023 11:54	51302 WIND_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9/29/2023 11:54	15001 BLMO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9/29/2023 11:55	15001 BLMO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9/29/2023 11:55	67204 TEHI_T2	0	0	0	0	0	0	0	-0.12	0	0	0	0	0	0
9/29/2023 11:56	15001 BLMO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9/29/2023 11:56	61303 EARL_T1	0	0	0	0	0	0	0.82	0.75	0	0	0	0	0	0
9/29/2023 11:58	53903 HALI_T2	2	4	2	1.15	0.88	-0.27	0	0	0	0	0	0	0	0
9/29/2023 11:59	53903 HALI_T2	2	4	2	1.15	0.88	-0.27	-0.13	-0.12	0	0	0	0	0	0
9/29/2023 11:59	58402 MORO_T1	0	0	0	0	0	0	-1.15	-1.13	2	2	0	1500	1500	0
9/29/2023 12:01	58402 MORO_T1	0	0	0	0	0	0	-1.15	-1.13	2	2	0	1500	1500	0
9/29/2023 12:02	45001 LIME_2	19	34	15	0.23	0.58	0.35	0	0	0	0	0	0	0	0
9/29/2023 12:03	13105 NHAM_T2	0	0	0	0	0	0	-0.23	-0.27	1	1	0	1200	1200	0
9/29/2023 12:04	67001 STHI_T2	95	127	32	0.11	0.11	0	0	0	0	0	0	0	0	0
9/29/2023 12:04	58402 MORO_T1	0	0	0	0	0	0	-1.15	-1.13	2	2	0	1500	1500	0
9/29/2023 12:05	67001 STHI_T2	95	127	32	0.11	0.11	0	0.06	0.07	0	0	0	0	0	0
9/29/2023 12:05	67002 STHI_T2	1	1	0	0.1	0.1	0	0.8	0.74	0	0	0	0	0	0
9/29/2023 12:05	14802 TREI_T2	14	23	9	0.24	0.37	0.13	0.46	0.46	0	0	0	0	0	0
9/29/2023 12:06	67002 STHI_T2	1	1	0	0.1	0.1	0	0.8	0.74	0	0	0	0	0	0
9/29/2023 12:06	65604 QVIL_T2	0	0	0	0	0	0	0.92	0.9	0	0	0	0	0	0
9/29/2023 12:06	14801 TREI_T2	88	96	8	0.33	0.42	0.09	0.3	0.31	0	0	0	0	0	0
9/29/2023 12:07	15001 BLMO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9/29/2023 12:08	67002 STHI_T2	1	1	0	0.1	0.1	0	1.6	1.49	0	0	0	0	0	0
9/29/2023 12:09	15001 BLMO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9/29/2023 12:09	64101 REFR_T1	3	3	0	7.67	7.57	-0.1	-0.13	-0.15	0	0	0	0	0	0
9/29/2023 12:09	14801 TREI_T2	88	96	8	0.33	0.42	0.09	0	0	0	0	0	0	0	0
9/29/2023 12:10	15001 BLMO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9/29/2023 12:11	64101 REFR_T1	3	3	0	7.67	7.57	-0.1	-0.26	-0.31	0	0	0	0	0	0
9/29/2023 12:11	15001 BLMO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9/29/2023 12:12	45001 LIME_2	19	34	15	0.23	0.58	0.35	0	0	0	0	0	0	0	0
9/29/2023 12:12	52401 GRPA_T2	27	2	-25	1.09	0.35	-0.74	0	0	0	0	0	0	0	0
9/29/2023 12:12	64101 REFR_T1	3	3	0	7.67	7.57	-0.1	-0.26	-0.31	0	0	0	0	0	0
9/29/2023 12:12	15001 BLMO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9/29/2023 12:13	64101 REFR_T1	3	3	0	7.67	7.57	-0.1	-0.13	-0.15	0	0	0	0	0	0
9/29/2023 12:14	45003 LIME_2	1	2	1	3.3	2.3	-1	0	0	1	1	0	1200	1200	0
9/29/2023 12:14	53901 HALI_T2	1	1	0	0.2	0.8	0.6	0	0	0	0	0	0	0	0
9/29/2023 12:14	64101 REFR_T1	3	3	0	7.67	7.57	-0.1	-0.15	-0.14	0	0	0	0	0	0
9/29/2023 12:14	53901 HALI_T2	1	1	0	0.2	0.8	0.6	0	0	0	0	0	0	0	0
9/29/2023 12:15	59302 MCAL_T1	1	1	0	0.4	0.6	0.2	-0.65	-0.66	1	1	0	600	600	0
9/29/2023 12:16	45003 LIME_2	1	2	1	4.5	2.2	-2.3	0	0	1	1	0	1200	1200	0
9/29/2023 12:22	44902 SCOT_T2	0	1	1	0	0.1	0.1	-0.76	-0.79	0	0	0	0	0	0
9/29/2023 12:24	46503 LOHA_T1	0	0	0	0	0	0	-0.62	-0.61	0	0	0	0	0	0
9/29/2023 12:25	53901 HALI_T2	1	1	0	0.8	0.8	0	0	0	0	0	0	0	0	0
9/29/2023 12:26	46503 LOHA_T1	0	0	0	0	0	0	-0.62	-0.61	0	0	0	0	0	0
9/29/2023 12:33	54206 PENN_T2	0	0	0	0	0	0	0.1	0.13	0	0	0	0	0	0
9/29/2023 12:35	13105 NHAM_T2	0	0	0	0	0	0	-0.24	-0.24	1	1	0	1200	1200	0
9/29/2023 12:44	26401 INOR_T1	3	0	-3	0.13	0	-0.13	0	0	0	0	0	0	0	0
9/29/2023 12:44	45001 LIME_2	33	30	-3	0.57	0.39	-0.18	0	0	0	0	0	0	0	0
9/29/2023 12:45	42401 GIMA_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9/29/2023 12:46	58401 MORO_T1	0	1	1	0	0	0	0	0	0	0	0	0	0	0
9/29/2023 12:49	58402 MORO_T1	0	0	0	0	0	0	-1.15	-1.16	2	2	0	1500	1500	0
9/29/2023 12:50	13105 NHAM_T2	0	0	0	0	0	0	-0.24	-0.21	1	1	0	1200	1200	0
9/29/2023 12:51	15001 BLMO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9/29/2023 12:53	15001 BLMO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9/29/2023 13:01	13105 NHAM_T2	0	0	0	0	0	0	-0.21	-0.23	1	1	0	1200	1200	0
9/29/2023 13:01	63203 MGTN_T1	0	0	0	0	0	0	-0.74	-0.71	2	2	0	1200	1200	0
9/29/2023 13:02	58402 MORO_T1	0	0	0	0	0	0	-1.16	-1.04	2	2	0	1500	1500	0
9/29/2023 13:04	58402 MORO_T1	0	0	0	0	0	0	-1.16	-1.04	2	2	0	1500	1500	0
9/29/2023 13:06	59402 RFLD_T2	0	0	0	0	0	0	-0.51	-0.48	1	1	0	450	450	0
9/29/2023 13:08	15001 BLMO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9/29/2023 13:10	15001 BLMO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9/29/2023 13:15	26401 INOR_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9/29/2023 13:17	65902 SAKR_T2	0	0	0	0	0	0	-0.07	-0.08	1	1	0	300	300	0
9/29/2023 13:18	53903 HALI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9/29/2023 13:18	58402 MORO_T1	0	1	1	0	0	0	-1.04	-1.09	2	2	0	1500	1500	0
9/29/2023 13:21	51306 WIND_T2	0	0	0	0	0	0	0.36	0.39	0	0	0	0	0	0
9/29/2023 13:22	66504 SMAN_T2	0	0	0	0	0	0	-0.31	-0.3	0	0	0	0	0	0
9/29/2023 13:23	66505 SMAN_T2	0	0	0	0	0	0	0.6	0.53	2	2	0	1100	1100	0
9/29/2023 13:23	56802 BENV_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9/29/2023 13:23	45902 AUBU_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9/29/2023 13:23	60803 BUCK_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9/29/2023 13:23	13704 SCHN_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9/29/2023 13:23	66505 SMAN_T2	0	0	0	0	0	0	0.6	0.53	2	2	0	1100	1100	0
9/29/2023 13:24	67502 WEWI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9/29/2023 13:24	15001 BLMO_T1	0	37	37	0	0	0	0	0	0	0	0	0	0	0
9/29/2023 13:24	51306 WIND_T2	0	0	0	0	0	0	0.12	0.13	0	0	0	0	0	0
9/29/2023 13:25	15001 BLMO_T1	0	9	9	0	0	0	0	0	0	0	0	0	0	0
9/29/2023 13:25	51306 WIND_T2	0	0	0	0	0	0	0.12	0.13	0	0	0	0	0	0
9/29/2023 13:25	61303 EARL_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9/29/2023 13:26	15001 BLMO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9/29/2023 13:27	42401 GIMA_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9/29/2023 13:28	23301 JEFF_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9/29/2023 13:28	53903 HALI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9/29/2023 13:28	56802 BENV_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9/29/2023 13:31	26401 INOR_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9/29/2023 13:34	54701 NEBL_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9/29/2023 13:35	54701 NEBL_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9/29/2023 13:38	60801 BUCK_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9/29/2023 13:38	56802 BENV_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9/29/2023 13:38	67401 WAKE_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9/29/2023 13:39	56802 BENV_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9/29/2023 13:39	42503 ALTA_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9/29/2023 13:41	61303 EARL_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9/29/2023 13:41	67502 WEWI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9/29/2023 13:43	64101 REFR_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9/29/2023 13:44	52402 GRPA_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9/29/2023 13:44	23301 JEFF_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9/29/2023 13:46	58402 MORO_T1	0	0	0	0	0	0	-1.14	-1.08	2	2	0	1500	1500	0
9/29/2023 13:47	26401 INOR_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9/29/2023 13:47	58402 MORO_T1	0	0	0	0	0	0	-1.14	-1.08	2	2	0	1500	1500	0
9/29/2023 13:49	66504 SMAN_T2	0	0	0	0	0	0	-0.4	-0.38	0	0	0	0	0	0
9/29/2023 13:49	58402 MORO_T1	0	0	0	0	0	0	-1.14	-1.08	2	2	0	1500	1500	0
9/29/2023 13:50	54701 NEBL_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9/29/2023 13:50	66505 SMAN_T2	0	0	0	0	0	0	0.63	0.58	2	2	0	1100	1100	0
9/29/2023 13:51	15001 BLMO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9/29/2023 13:52	15001 BLMO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9/29/2023 13:52	59102 WALK_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9/29/2023 13:53	42701 AUGU_T1	1	1	0	0.8	0.8	0	0	0	2	2	0	1800	1800	0
9/29/2023 13:53	15103 UPHA_T2	0	1	1	0	0	0	0.42	0.41	0	0	0	0	0	0
9/29/2023 13:54	42701 AUGU_T1	1	1	0	0.8	0.8	0	0	0	2	2	0	1800	1800	0
9/29/2023 13:55	15001 BLMO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9/29/2023 13:55	59202 THOM_T1	2	2	0	0.15	0.1	-0.05	0	0	0	0	0	0	0	0
9/29/2023 13:58	42401 GIMA_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9/29/2023 13:59	53903 HALI_T2	6	6	0	0.8	0.62	-0.18	0	0	0	0	0	0	0	0
9/29/2023 14:00	53903 HALI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9/29/2023 14:05	54001 SDLE_T1	8	9	1	0.8	0.73	-0.07	0	0	0	0	0	0	0	0
9/29/2023 14:05	67001 STHI_T2	76	207	131	0.11	0.11	0	0	0	0	0	0	0	0	0
9/29/2023 14:05	59202 THOM_T1	2	0	-2	0.1	0	-0.1	0	0	0	0	0	0	0	0
9/29/2023 14:06	29401 BELT_T1	0	55	55	0	0.18	0.18	0	0	0	0	0	0	0	0
9/29/2023 14:06	42701 AUGU_T1	1	1	0	0.8	0.8	0	0	0	2	2	0	1800	1800	0
9/29/2023 14:07	13704 SCHN_T2	1	1	0	0.2	0.3	0.1	-0.27	-0.27	0	0	0	0	0	0
9/29/2023 14:07	67001 STHI_T2	76	207	131	0.11	0.11	0	0	0	0	0	0	0	0	0
9/29/2023 14:08	44301 BEAV_T2	2	3	1	0.3	0.63	0.33	-0.41	-0.67	1	1	0	600	600	0
9/29/2023 14:08	67001 STHI_T2	76	207	131	0.11	0.11	0	0	0	0	0	0	0	0	0
9/29/2023 14:09	67002 STHI_T2	1	1	0	0.1	0.1	0	0.8	0.83	0	0	0	0	0	0
9/29/2023 14:09	42701 AUGU_T1	1	1	0	0.8	0.8	0	0	0	2	2	0	1800	1800	0
9/29/2023 14:09	13704 SCHN_T2	1	1	0	0.2	0.3	0.1	-0.27	-0.27	0	0	0	0	0	0
9/29/2023 14:09	44302 BEAV_T2	82	210	128	0.23	0.48	0.25	0.3	0.32	0	0	0	0	0	0
9/29/2023 14:10	42701 AUGU_T1	1	1	0	0.8	0.8	0	0	0	2	2	0	1800	1800	0
9/29/2023 14:10	64101 REFR_T1	3	3	0	7.53	7.87	0.34	-0.12	-0.14	0	0	0	0	0	0
9/29/2023

Appendix C - Grid Benefits Achieved in Each Instance of Active Management

9/29/2023 14:21	56802 BENV_T2	8	42	34	0.29	0.16	-0.13	-1.36	-1.32	0	0	0	0	0	0
9/29/2023 14:21	59202 THOM_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9/29/2023 14:22	56801 BENV_T1	43	40	-3	1.09	1.07	-0.02	-0.83	-0.82	1	1	0	600	600	0
9/29/2023 14:22	42201 SHEN_T2	0	0	0	0	0	0	0.35	0.39	0	0	0	0	0	0
9/29/2023 14:22	42701 AUGU_T1	1	1	0	0.8	0.8	0	0	0	4	4	0	3600	3600	0
9/29/2023 14:22	65702 RVIL_T2	0	0	0	0	0	0	-1.4	-0.77	1	0	-1	600	0	-600
9/29/2023 14:22	56802 BENV_T2	8	42	34	0.29	0.16	-0.13	-2.04	-1.98	0	0	0	0	0	0
9/29/2023 14:22	14801 TREI_T2	81	94	13	0.23	0.38	0.15	0	0	0	0	0	0	0	0
9/29/2023 14:22	60701 BREC_T1	0	0	0	0	0	0	-0.56	-0.31	4	4	0	2400	2400	0
9/29/2023 14:23	56803 BENV_T1	0	0	0	0	0	0	0.35	0.38	0	0	0	0	0	0
9/29/2023 14:23	56801 BENV_T1	43	40	-3	1.09	1.07	-0.02	-1.66	-1.64	2	2	0	1200	1200	0
9/29/2023 14:23	60803 BUCK_T1	27	53	26	0.27	0.25	-0.02	0	0	0	0	0	0	0	0
9/29/2023 14:23	45902 AUBU_T1	14	0	-14	0.11	0	-0.11	-0.92	-0.82	1	1	0	600	600	0
9/29/2023 14:23	67605 WARW_T1	17	18	1	0.65	0.59	-0.06	-1.07	-1.04	0	0	0	0	0	0
9/29/2023 14:23	13704 SCHN_T2	1	1	0	0.3	0.1	-0.2	-0.27	-0.27	0	0	0	0	0	0
9/29/2023 14:23	44301 BEAV_T2	2	3	1	0.4	0.63	0.23	0	0	0	0	0	0	0	0
9/29/2023 14:24	60803 BUCK_T1	27	53	26	0.27	0.25	-0.02	0	0	0	0	0	0	0	0
9/29/2023 14:24	56802 BENV_T2	8	42	34	0.29	0.16	-0.13	-0.68	-0.66	0	0	0	0	0	0
9/29/2023 14:24	67201 TEHI_T1	0	0	0	0	0	0	0.88	0.85	1	1	0	900	900	0
9/29/2023 14:24	67201 TEHI_T1	0	0	0	0	0	0	0.88	0.85	1	1	0	900	900	0
9/29/2023 14:24	45902 AUBU_T1	14	0	-14	0.11	0	-0.11	-0.92	-0.82	1	1	0	600	600	0
9/29/2023 14:24	45901 AUBU_T1	0	0	0	0	0	0	1.66	1.86	0	0	0	0	0	0
9/29/2023 14:25	44301 BEAV_T2	2	3	1	0.4	0.63	0.23	0	0	0	0	0	0	0	0
9/29/2023 14:25	56802 BENV_T2	8	42	34	0.29	0.16	-0.13	-1.36	-1.32	0	0	0	0	0	0
9/29/2023 14:25	60802 BUCK_T2	0	0	0	0	0	0	0.23	0.2	0	0	0	0	0	0
9/29/2023 14:25	42701 AUGU_T1	1	1	0	0.8	0.8	0	0	0	2	2	0	1800	1800	0
9/29/2023 14:25	56803 BENV_T1	0	0	0	0	0	0	0.35	0.38	0	0	0	0	0	0
9/29/2023 14:25	56801 BENV_T1	43	40	-3	1.09	1.07	-0.02	-0.83	-0.82	1	1	0	600	600	0
9/29/2023 14:25	60701 BREC_T1	0	0	0	0	0	0	-0.28	-0.15	2	2	0	1200	1200	0
9/29/2023 14:25	60801 BUCK_T1	82	119	37	0.25	0.28	0.03	0	0	0	0	0	0	0	0
9/29/2023 14:26	42701 AUGU_T1	1	1	0	0.8	0.8	0	0	0	2	2	0	1800	1800	0
9/29/2023 14:26	60801 BUCK_T1	82	119	37	0.25	0.28	0.03	0	0	0	0	0	0	0	0
9/29/2023 14:26	67502 WEWI_T2	53	131	78	0.16	0.18	0.02	-0.35	-0.38	0	0	0	0	0	0
9/29/2023 14:26	56801 BENV_T1	43	40	-3	1.09	1.07	-0.02	-2.49	-2.46	3	3	0	1800	1800	0
9/29/2023 14:26	29401 BELT_T1	25	54	29	0.14	0.19	0.05	0	0	0	0	0	0	0	0
9/29/2023 14:26	44302 BEAV_T2	120	221	101	0.31	0.46	0.15	0.32	0.27	0	0	0	0	0	0
9/29/2023 14:26	56802 BENV_T2	8	42	34	0.29	0.16	-0.13	-1.36	-1.32	0	0	0	0	0	0
9/29/2023 14:26	61303 EARL_T1	0	0	0	0	0	0	0.6	0.37	0	0	0	0	0	0
9/29/2023 14:27	60101 COCA_T1	0	0	0	0	0	0	0.7	0.68	0	0	0	0	0	0
9/29/2023 14:28	53903 HAU_T2	5	4	-1	0.44	0.9	0.46	0	0	0	0	0	0	0	0
9/29/2023 14:28	52401 GRPA_T2	1	1	0	0.2	0.5	0.3	0	0	0	0	0	0	0	0
9/29/2023 14:28	61303 EARL_T1	0	0	0	0	0	0	0.6	0.37	0	0	0	0	0	0
9/29/2023 14:28	67502 WEWI_T2	53	131	78	0.16	0.18	0.02	-0.35	-0.38	0	0	0	0	0	0
9/29/2023 14:29	46801 HEPB_T2	2	2	0	0.1	0.2	0.1	0.64	0.66	0	0	0	0	0	0
9/29/2023 14:29	53903 HAU_T2	5	4	-1	0.44	0.9	0.46	-0.13	-0.13	0	0	0	0	0	0
9/29/2023 14:29	53903 HAU_T2	5	4	-1	0.44	0.9	0.46	-0.13	-0.13	0	0	0	0	0	0
9/29/2023 14:30	52404 GRPA_T2	1	1	0	0.5	0.8	0.3	0	0	0	0	0	0	0	0
9/29/2023 14:30	42903 MIDD_T2	2	2	0	2.4	2.35	-0.05	0	0	0	0	0	0	0	0
9/29/2023 14:31	42902 MIDD_T2	19	22	3	0.23	0.26	0.03	0.31	0.46	0	0	0	0	0	0
9/29/2023 14:31	58402 MORO_T1	0	0	0	0	0	0	-1.13	-1.13	2	2	0	1500	1500	0
9/29/2023 14:31	54701 NEBL_T1	1	4	3	0.1	0.18	0.08	0	0	1	1	0	600	600	0
9/29/2023 14:32	42902 MIDD_T2	19	22	3	0.23	0.26	0.03	0	0	0	0	0	0	0	0
9/29/2023 14:32	63404 HONY_T1	22	23	1	0.88	0.9	0.02	0	0	0	0	0	23	0	0
9/29/2023 14:32	54701 NEBL_T1	1	4	3	0.1	0.18	0.08	0	0	1	1	0	600	600	0
9/29/2023 14:33	67002 STHI_T2	1	5	4	0.1	0.12	0.02	0.82	0.8	0	0	0	0	0	0
9/29/2023 14:33	65004 NEFF_T2	0	1	1	0	0.1	0.1	0	0	0	0	0	0	0	0
9/29/2023 14:33	40601 PIGR_T1	348	364	16	0.7	0.63	-0.07	0	0	0	0	0	0	0	0
9/29/2023 14:33	42201 SHEN_T2	0	1	1	0	0.1	0.1	0.39	0.38	0	0	0	0	0	0
9/29/2023 14:34	67203 TEHI_T1	1	2	1	0	0	0	1.67	2.44	2	1	-1	1500	600	-900
9/29/2023 14:34	58402 MORO_T1	0	0	0	0	0	0	-1.13	-1.13	2	2	0	1500	1500	0
9/29/2023 14:35	13704 SCHN_T2	1	0	-1	0.1	0	-0.1	-0.27	-0.28	0	0	0	0	0	0
9/29/2023 14:35	58402 MORO_T1	0	0	0	0	0	0	-1.13	-1.13	2	2	0	1500	1500	0
9/29/2023 14:35	13105 NHAM_T2	0	0	0	0	0	0	-0.2	-0.18	1	1	0	1200	1200	0
9/29/2023 14:35	67401 WAKE_T2	16	37	21	0.14	0.16	0.02	-1.14	-1.11	0	0	0	0	0	0
9/29/2023 14:35	66504 SMAN_T2	0	0	0	0	0	0	-0.3	-0.29	0	0	0	0	0	0
9/29/2023 14:35	59402 RFLD_T2	0	0	0	0	0	0	-0.54	-0.57	1	1	0	450	450	0
9/29/2023 14:35	16302 ALPA_T2	0	0	0	0	0	0	0.69	0.65	0	0	0	0	0	0
9/29/2023 14:35	67001 STHI_T2	191	331	140	0.11	0.17	0.06	0	0	0	0	0	0	0	0
9/29/2023 14:35	66703 STRA_T1	0	0	0	0	0	0	-0.05	-0.01	0	0	0	0	0	0
9/29/2023 14:36	66504 SMAN_T2	0	0	0	0	0	0	-0.3	-0.29	0	0	0	0	0	0
9/29/2023 14:36	42201 SHEN_T2	0	1	1	0	0.1	0.1	0.39	0.38	0	0	0	0	0	0
9/29/2023 14:36	65902 SAKR_T2	0	0	0	0	0	0	-0.04	-0.05	1	1	0	300	300	0
9/29/2023 14:37	60801 BUCK_T1	75	115	40	0.27	0.29	0.02	0	0	0	0	0	0	0	0
9/29/2023 14:37	16302 ALPA_T2	0	0	0	0	0	0	0.69	0.65	0	0	0	0	0	0
9/29/2023 14:37	56801 BENV_T1	38	39	1	1.01	1.08	0.07	-0.82	-0.81	1	1	0	600	600	0
9/29/2023 14:37	56802 BENV_T2	37	78	41	0.16	0.16	0	-1.32	-1.34	0	0	0	0	0	0
9/29/2023 14:37	15001 BLMO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9/29/2023 14:37	66505 SMAN_T2	0	0	0	0	0	0	1.15	1.28	4	4	0	2200	2200	0
9/29/2023 14:37	67002 STHI_T2	1	5	4	0.1	0.12	0.02	0.82	0.8	0	0	0	0	0	0
9/29/2023 14:37	45902 AUBU_T1	0	0	0	0	0	0	-0.82	-0.92	1	1	0	600	600	0
9/29/2023 14:37	67204 TEHI_T2	0	0	0	0	0	0	-0.22	-0.24	0	0	0	0	0	0
9/29/2023 14:37	20403 ASHF_T2	0	1	1	0	0	0	0.45	0.47	0	0	0	0	0	0
9/29/2023 14:38	42701 AUGU_T1	1	0	-1	0.8	0	-0.8	0	0	4	4	0	3600	3600	0
9/29/2023 14:38	56802 BENV_T2	37	78	41	0.16	0.16	0	-1.32	-1.34	0	0	0	0	0	0
9/29/2023 14:38	56801 BENV_T1	38	39	1	1.01	1.08	0.07	-1.64	-1.62	2	2	0	1200	1200	0
9/29/2023 14:38	20403 ASHF_T2	0	1	1	0	0	0	0.45	0.47	0	0	0	0	0	0
9/29/2023 14:38	67605 WARW_T1	15	19	4	0.55	0.57	0.02	-1.04	-1.07	0	0	0	0	0	0
9/29/2023 14:38	16301 ALPA_T1	1	1	0	0.1	0.1	0	-0.28	-0.29	0	0	0	0	0	0
9/29/2023 14:38	60101 COCA_T1	0	0	0	0	0	0	0.34	0.34	0	0	0	0	0	0
9/29/2023 14:39	56801 BENV_T1	38	39	1	1.01	1.08	0.07	-0.82	-0.81	1	1	0	600	600	0
9/29/2023 14:39	56801 BENV_T1	38	39	1	1.01	1.08	0.07	-0.82	-0.81	1	1	0	600	600	0
9/29/2023 14:39	29401 BELT_T1	54	57	3	0.19	0.19	0	0	0	1	1	0	900	900	0
9/29/2023 14:39	56802 BENV_T2	37	78	41	0.16	0.16	0	-0.66	-0.67	0	0	0	0	0	0
9/29/2023 14:39	16301 ALPA_T1	1	1	0	0.1	0.1	0	-0.28	-0.29	0	0	0	0	0	0
9/29/2023 14:39	13704 SCHN_T2	1	0	-1	0.1	0	-0.1	-0.27	-0.28	0	0	0	0	0	0
9/29/2023 14:39	60801 BUCK_T1	75	115	40	0.27	0.29	0.02	-0.28	-0.26	0	0	0	0	0	0
9/29/2023 14:39	61303 EARL_T1	0	0	0	0	0	0	0.37	0.34	0	0	0	0	0	0
9/29/2023 14:40	45902 AUBU_T1	0	0	0	0	0	0	-0.82	-0.92	1	1	0	600	600	0
9/29/2023 14:40	15001 BLMO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9/29/2023 14:40	67502 WEWI_T2	69	128	59	0.17	0.18	0.01	-0.38	-0.31	0	0	0	0	0	0
9/29/2023 14:40	61304 EARL_T1	0	0	0	0	0	0	-0.72	-0.7	1	1	0	600	600	0
9/29/2023 14:40	56802 BENV_T2	37	78	41	0.16	0.16	0	-1.32	-1.34	0	0	0	0	0	0
9/29/2023 14:40	16302 ALPA_T2	0	0	0	0	0	0	0.69	0.65	0	0	0	0	0	0
9/29/2023 14:40	42701 AUGU_T1	1	0	-1	0.8	0	-0.8	0	0	2	2	0	1800	1800	0
9/29/2023 14:41	61701 ELIZ_T1	1	1	0	5.1	5	-0.1	1.57	1.64	0	0	0	0	0	0
9/29/2023 14:41	56801 BENV_T1	38	39	1	1.01	1.08	0.07	-0.82	-0.81	1	1	0	600	600	0
9/29/2023 14:41	60803 BUCK_T1	35	52	17	0.28	0.24	-0.04	-0.95	-0.91	1	1	0	600	600	0
9/29/2023 14:41	16301 ALPA_T1	1	1	0	0.1	0.1	0	-0.28	-0.29	0	0	0	0	0	0
9/29/2023 14:41	29402 BELT_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9/29/2023 14:41	56802 BENV_T2	37	78	41	0.16	0.16	0	-1.98	-2.01	0	0	0	0	0	0
9/29/2023 14:41	53903 HAU_T2	4	4	0	0.83	0.88	0.05	-0.13	-0.13	0	0	0	0	0	0
9/29/2023 14:41	64101 REFR_T1	3	3	0	7.87	8.17	0.3	-0.46	-0.4	0	0	0	0	0	0
9/29/2023 14:41	67502 WEWI_T2	69	128	59	0.17	0.18	0.01	-0.38	-0.31	0	0	0	0	0	0
9/29/2023 14:42	29401 BELT_T1	54	57	3	0.19	0.19	0	0	0	1	1	0	900	900	0
9/29/2023 14:42	67503 WEWI_T2	0	0	0	0	0	0	-0.78	-0.78	0	0	0	0	0	0
9/29/2023 14:42	61303 EARL_T1	0	0	0	0	0	0	0.37	0.34	0	0	0	0	0	0
9/29/2023 14:42	15001 BLMO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9/29/2023 14:42	61303 EARL_T1	0	0	0	0	0	0	0.37	0.34	0	0	0	0	0	0
9/29/2023 14:42	56801 BENV_T1	38	39	1	1.01	1.08	0.07	-1.64	-1.62	2	2	0	1200	1200	0
9/29/2023 14:42	67502 WEWI_T2	69	128	59	0.17	0.18	0.01	-0.38	-0.31	0	0	0	0	0	0
9/29/2023 14:42	42701 AUGU_T1	1	0	-1	0.8	0	-0.8	0	0	2	2	0	1800	1800	0
9/29/2023 14:42	56802 BENV_T2	37	78	41	0.16	0.16	0	-0.66	-0.67	0	0	0	0	0	0
9/29/2023 14:43	60101 COCA_T1	0	0	0	0	0	0	0.34	0.34	0	0	0	0	0	0
9/29/2023 14:43	64101 REFR_T1	3	3	0	7.87	8.17	0.3	-0.15	-0.13	0	0	0	0	0	0
9/29/2023 14:43	67502 WEWI_T2	69	128	59	0.17	0.18	0.01	-0.38	-0.31	0	0	0	0	0	0
9/29/2023 14:44	52402 GRPA_T2	6	6	0	1.45	1.53	0.08	0	0	0	0	0	0	0	0
9/29/2023 14:44	67502 WEWI_T2	69	128	59	0.17	0.18	0.01	-0.31	-0.38	0	0	0	0	0	0
9/29/2023 14:44	64101 REFR_T1	3	3	0	7.87	8.17	0.3	-0.26	-0.29	0	0	0	0	0	0
9/29/2023 14:45	64801 MONE_T2	14	9	-5	0.16	0.23	0.07	0	0	0	0	0	0	0	0
9/29/2023 14:45	64101 REFR_T1	3	3	0	8.17	8.07	-0.1	-0.13	-0.14	0	0	0	0	0	0
9/29/2023 14:45	46801 HEPB_T2	2	2	0	0.15	0.35	0.2	0.66	0.68	0	0	0	0	0	0
9/29/2023 14:46	64801 MONE_T2	14	9	-5	0.16	0.23	0.07	0.27	0.31	0	0	0	0	0	0
9/29/2023 14:46	61203 MGTN_T1	0	0	0	0	0	0	-0.73	-0.68	2	2	0	1200	1200	0
9/29/2023 14:46	52403 GRPA_T2	10	10	0	0.21	0.15	-0.06	0.03	0.01	0	0	0	0	0	0
9/29/2023 14:46	42903 MIDD_T2	2	2	0	2.35	2.55	0.2	0	0	0	0	0	0	0	0
9/29/2023 14:46	13105 NHAM_T2	0	0	0	0	0	0	-0.18	-0.22	1	1	0	1200	1200	0
9/29/2023 14:46	67503 WEWI_T2	0	1	1	0	0	0	-0.26	-0.27	0	0	0	0	0	0
9/29/2023 14:47	42002 MNVL_T2	1	1	0	3	2.6	-0.4	0	0	0	0	0	0	0	0
9/29/2023 14:47	54701 NEBL_T1	4	4	0	0.18	0.28	0.1	0	0	2	2	0	1200	1200	0
9/29/2023 14:47	64303 LINC_T1	0	1	1	0	0	0	-0.23	-0.24	0	0	0	0	0	0
9/29/2023 14:47	42903 MIDD_T2	2	2	0	2.35	2.55	0.2	0	0	0	0	0	0	0	0
9/29/2023 14:48	65004 NEFF_T2	1	0	-1	0.1	0	-0.1	0	0	0	0	0	0	0	0
9/29/2023 14:49	65601 QVIL_T2	6	11	5	0.12	0.11	-0.01	0	0	0	0	0	0	0	0
9/29/2023 14:49	40601 PIGR_T1	345	398	53	0.59	0.75	0.16	0	0	0	0	0	0	0	0
9/29/2023 14:50	67203 TEHI_T1	1	2	1	0	0	0	0	0	0	0	0	0	0	0
9/29/2023 14:51	65604 QVIL_T2	0	1	1	0	0.1	0.1	0.47	0.44	0	0	0	0	0	0
9/29/2023 14:54	45902 AUBU_T1	0	1	1	0	0.2	0.2	-0.92	-0.86	1	1	0	600	600	0
9/29/2023 14:57	64101 REFR_T1	3	3	0	8.17	8.07	-0.1	-0.13	-0.14	0	0	0	0	0	0
9/29/2023 14:59	53903 HAU_T2	3	4	1	1.1	0.73	-0.37	-0.09	-0.1	0	0	0	0	0	0
9/29/2023 15:00	58402 MORO_T1	0	0	0	0	0	0	-1.18	-1.11	2	2	0	1500	1500	0
9/29/2023 15:02	42902 MIDD_T2	20	66	46	0.26	0.35	0.09	0	0	0	0	0	0	0	0
9/29/2023 15:02	44701 MUNC_T2	1	1	0	0.1	0.2	0.1	-1.49	-1.45	0	0	0	0	0	0
9/29/2023 15:03	58402 MORO_T1	0	0	0	0	0	0	-1.18	-1.11	2	2	0	1500	1500	0
9/29/2023 15:03	47101 MARL_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9/29/2023 15:06	16301 ALPA_T1	1	1	0	0.1	0.2	0.1	-0.25	-0.27	0	0	0	0	0	0
9/29/2023 15:06	58402 MORO_T1	0	0	0	0	0	0	-1.18	-1.11	2	2	0	1500	1500	0
9/29/2023 15:07	44301 BEAV_T2	3	6	3	0.6	0.48	-0.12	0	0	0	0	0	0	0	0
9/29/2023 15:08	44302 BEAV_T2	207	249	42	0.46	0.62	0.16	0.28	0.3	0	0	0	0	0	0
9/29/2023 15:08	59202 THOM_T1	0	24	24	0	0.16	0.16	0	0	0	0	0	0	0	0
9/29/2023 15:09	16301 ALPA_T1	1	1	0	0.1	0.2	0.1	-0.5	-0.54	0	0	0	0	0	0
9/29/2023 15:10	27502 WEIS_T2	0	0	0	0	0	0	-0.32	-0.31	0	0	0	0	0	0
9/29/2023 15:11	44302 BEAV_T2	207	249	42	0.46	0.62	0.16	0.28	0.3	0	0	0	0	0	0
9/29/2023 15:12	53903 HAU_T2	4	2	-2	0.73	1.15	0.42	-0.09	-0.1	0	0	0	0	0	0
9/29/2023 15:12	63401 HONY_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9/29/2023 15:13	52401 GRPA_T2	1	1	0	0.1	0.4	0.3	0	0	0	0	0	0	0	0
9/29/2023 15:14	40101 HUNT_T2	0	0	0	0	0	0	-0.6	-0.61	0	0	0	0	0	0
9/29/2023 15:17	42903 MIDD_T2	2	59	57	2.55	0.33	-2.22	-0.26	-0.25	0	0	0	0	0	0
9/29/2023 15:17	16302 ALPA_T2	0	0	0	0	0	0	0.68	0.7	0	0	0	0	0	0
9/29/2023 15:20	61404 SLIT_T1	0	0	0	0	0	0	-1.15	-1.08	0	0	0	0	0	0
9/29/2023 15:20	13704 SCHN_T2	0	0	0	0	0	0	-0.29	-0.27	0	0	0	0	0	0
9/29/2023 15:22	44302 BEAV_T2	224	405	181	0.51	0.54	0.03	0.3	0.28	0	0	0	0	0	0
9/29/2023 15:22	13704 SCHN_T2	0	0	0	0	0	0	-0.29	-0.27	0	0	0	0	0	0
9/29/2023 15:24	59202 THOM_T1	24	21	-3	0.14	0.14	0	0	0	0	0	0	0	0	0
9/29/2023 15:26	41502 FAIR_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9/29/2023 15:33	63201 MGTN_T2	0	0	0	0	0	0	0.56	0.57	1	1	0	600	600	0
9/29/2023 15:34	59201 THOM_T1	0	1	1	0	0.1	0.1	0	0	0	0	0	0	0	0
9/29/2023 15:37	44301 BEAV_T2	6	11

9/29/2023 19:46	23301 JEFF_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9/29/2023 19:47	47802 MOCA_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9/29/2023 19:48	67001 STHI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9/29/2023 19:48	41502 FAIR_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9/29/2023 19:48	60801 BUCK_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9/29/2023 19:49	63401 HONY_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9/29/2023 19:51	67401 WAKE_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9/29/2023 19:51	56802 BENV_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9/29/2023 19:52	52402 GRPA_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9/29/2023 19:52	56802 BENV_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9/29/2023 19:53	45402 WILO_T2	31	33	2	0.29	0.3	0.01	0	0	0	0	0	0	0	0
9/29/2023 19:55	45802 HEGI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9/29/2023 19:57	13704 SCHN_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9/29/2023 19:59	61303 EARL_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9/29/2023 19:59	54701 NEBL_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9/29/2023 20:00	46203 DANV_T2	1	4	3	0.1	0.15	0.05	0	0	0	0	0	0	0	0
9/29/2023 20:01	46302 ROHR_T1	4	4	0	1.18	1.7	0.52	0	0	0	0	0	0	0	0
9/29/2023 20:02	53903 HALI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9/29/2023 20:02	54701 NEBL_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9/29/2023 20:04	61001 DONV_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9/29/2023 20:06	42902 MIDD_T2	264	314	50	0.68	0.76	0.08	0	0	0	0	0	0	0	0
9/29/2023 20:06	59102 WALK_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9/29/2023 20:15	40603 PIGR_T1	0	3	3	0	0.1	0.1	0.38	0.4	0	0	0	0	0	0
9/29/2023 20:21	65601 QVIL_T2	1	9	8	0.1	0.11	0.01	0	0	0	0	0	0	0	0
9/29/2023 20:27	67502 WEWI_T2	0	4	4	0	0.1	0.1	0	0	0	0	0	0	0	0
9/29/2023 20:29	60801 BUCK_T1	9	54	45	0.13	0.19	0.06	0	0	0	0	0	0	0	0
9/29/2023 20:32	64801 MONE_T2	1	1	0	0.2	0.6	0.4	0.22	0.24	0	0	0	0	0	0
9/29/2023 20:33	64101 REFR_T1	3	3	0	7.63	7.47	-0.16	-0.13	-0.14	0	0	0	0	0	0
9/29/2023 20:33	13503 MCMI_T2	0	0	0	0	0	0	-0.01	-0.01	0	0	0	0	0	0
9/29/2023 20:34	56801 BENV_T1	28	36	8	0.94	1.02	0.08	0	0	0	0	0	0	0	0
9/29/2023 20:34	67502 WEWI_T2	3	6	3	0.1	0.1	0	0	0	0	0	0	0	0	0
9/29/2023 20:35	42201 SHEN_T2	1	1	0	0.2	0.2	0	0.36	0.36	0	0	0	0	0	0
9/29/2023 20:35	59402 RFLD_T2	108	141	33	0.5	0.55	0.05	-1.25	-1.27	1	1	0	450	450	0
9/29/2023 20:36	65604 QVIL_T2	0	1	1	0	0.1	0.1	0.29	0.28	0	0	0	0	0	0
9/29/2023 20:37	17805 GILB_T2	0	0	0	0	0	0	-0.08	-0.08	0	0	0	0	0	0
9/29/2023 20:38	67502 WEWI_T2	3	6	3	0.1	0.1	0	-0.51	-0.52	0	0	0	0	0	0
9/29/2023 20:39	60101 COCA_T1	0	0	0	0	0	0	0.21	0.2	0	0	0	0	0	0
9/29/2023 20:40	60803 BUCK_T1	15	24	9	0.28	0.28	0	-0.94	-0.92	1	1	0	600	600	0
9/29/2023 20:41	58402 MORO_T1	10	13	3	0.12	0.13	0.01	-1.08	-1.08	2	2	0	1500	1500	0
9/29/2023 20:41	42201 SHEN_T2	1	1	0	0.2	0.2	0	0.36	0.36	0	0	0	0	0	0
9/29/2023 20:41	67002 STHI_T2	126	254	128	0.16	0.2	0.04	0.68	0.7	0	0	0	0	0	0
9/29/2023 20:41	28403 HART_T2	0	0	0	0	0	0	-0.61	-0.63	1	1	0	900	900	0
9/29/2023 20:41	17804 GILB_T2	0	2	2	0	0.1	0.1	0	0	0	0	0	0	0	0
9/29/2023 20:42	64101 REFR_T1	3	3	0	7.63	7.47	-0.16	-0.13	-0.14	0	0	0	0	0	0
9/29/2023 20:42	40303 TAMA_T3	2	2	0	0.25	0.15	-0.1	0	0	0	0	0	0	0	0
9/29/2023 20:42	65702 RVIL_T2	0	0	0	0	0	0	-0.78	-0.75	0	0	0	0	0	0
9/29/2023 20:43	10801 CHHI_T1	0	0	0	0	0	0	-0.94	-0.96	1	1	0	900	900	0
9/29/2023 20:43	67401 WAKE_T2	8	35	27	0.15	0.18	0.03	-0.89	-0.9	0	0	0	0	0	0
9/29/2023 20:44	59102 WALK_T2	0	2	2	0	0.1	0.1	0	0	0	0	0	0	0	0
9/29/2023 20:44	61304 EARL_T1	93	0	-93	0.22	0	-0.22	0	0	0	0	0	0	0	0
9/29/2023 20:45	56802 BENV_T2	31	102	71	0.15	0.19	0.04	-0.68	-0.63	0	0	0	0	0	0
9/29/2023 20:45	60101 COCA_T1	0	0	0	0	0	0	0.2	0.17	0	0	0	0	0	0
9/29/2023 20:46	27502 WEIS_T2	0	1	1	0	0	0	-0.73	-0.11	0	0	0	0	0	0
9/29/2023 20:46	64101 REFR_T1	3	3	0	7.4	7.43	0.03	-0.14	-0.14	0	0	0	0	0	0
9/29/2023 20:46	46001 BERW_T1	0	0	0	0	0	0	0.7	0.7	0	0	0	0	0	0
9/29/2023 20:46	67502 WEWI_T2	3	4	1	0.1	0.1	0	-0.52	-0.51	0	0	0	0	0	0
9/29/2023 20:47	44302 BEAV_T2	432	488	56	0.68	0.76	0.08	0	0	0	0	0	0	0	0
9/29/2023 20:47	44801 EDAN_T2	1	1	0	0.4	0.1	-0.3	0	0	0	0	0	0	0	0
9/29/2023 20:47	64802 MONE_T2	0	0	0	0	0	0	0.22	0.2	0	0	0	0	0	0
9/29/2023 20:47	45901 AUBU_T1	0	0	0	0	0	0	1.85	1.86	0	0	0	0	0	0
9/29/2023 20:47	46001 BERW_T1	0	0	0	0	0	0	0.7	0.7	0	0	0	0	0	0
9/29/2023 20:48	28801 LAKE_T1	202	231	29	0.21	0.32	0.11	0	0	0	0	0	0	0	0
9/29/2023 20:49	67502 WEWI_T2	3	4	1	0.1	0.1	0	-0.52	-0.51	0	0	0	0	0	0
9/29/2023 20:49	67002 STHI_T2	172	252	80	0.17	0.2	0.03	0.7	0.63	0	0	0	0	0	0
9/29/2023 20:49	54001 SDLE_T1	1	2	1	0.8	0.55	-0.25	0	0	0	0	0	0	0	0
9/29/2023 20:49	67502 WEWI_T2	3	4	1	0.1	0.1	0	-0.52	-0.51	0	0	0	0	0	0
9/29/2023 20:49	61301 EARL_T1	0	0	0	0	0	0	0.15	0.15	0	0	0	0	0	0
9/29/2023 20:49	42001 MNVL_T2	0	2	2	0	0.15	0.15	0.09	0.08	0	0	0	0	0	0
9/29/2023 20:49	67204 TEHI_T2	79	32	-47	0.17	0.11	-0.06	0.09	0.06	0	0	0	0	0	0
9/29/2023 20:49	44801 EDAN_T2	1	1	0	0.4	0.1	-0.3	0	0	0	0	0	0	0	0
9/29/2023 20:49	53901 HALI_T2	1	1	0	0.1	0.4	0.3	0	0	0	0	0	0	0	0
9/29/2023 20:49	17802 GILB_T1	0	0	0	0	0	0	0.08	0.05	0	0	0	0	0	0
9/29/2023 20:49	28403 HART_T2	0	0	0	0	0	0	-0.63	-0.62	1	1	0	900	900	0
9/29/2023 20:49	56802 BENV_T2	31	102	71	0.15	0.19	0.04	-0.68	-0.63	0	0	0	0	0	0
9/29/2023 20:49	49804 UNIV_T1	2	2	0	0.3	0.6	0.3	0	0	0	0	0	0	0	0
9/29/2023 20:49	45901 AUBU_T1	0	0	0	0	0	0	1.85	1.86	0	0	0	0	0	0
9/29/2023 20:50	12701 MACU_T1	0	0	0	0	0	0	0.03	0.03	0	0	0	0	0	0
9/29/2023 20:50	67002 STHI_T2	172	252	80	0.17	0.2	0.03	0.7	0.63	0	0	0	0	0	0
9/29/2023 20:50	56503 ROCK_T2	0	2	2	0	0.1	0.1	0	0	0	0	0	0	0	0
9/29/2023 20:50	58402 MORO_T1	13	0	-13	0.13	0	-0.13	-1.08	-1.12	2	2	0	1500	1500	0
9/29/2023 20:51	59101 WALK_T2	1	1	0	0	0	0	1.32	1.12	0	0	0	0	0	0
9/29/2023 20:51	14802 TREI_T2	28	15	-13	0.33	0.21	-0.12	0	0	0	0	0	0	0	0
9/29/2023 20:51	56801 BENV_T1	33	37	4	1.03	1.01	-0.02	0	0	0	0	0	0	0	0
9/29/2023 20:51	61303 EARL_T1	0	0	0	0	0	0	0.26	0.29	0	0	0	0	0	0
9/29/2023 20:51	45902 AUBU_T1	0	0	0	0	0	0	-0.48	-0.46	0	0	0	0	0	0
9/29/2023 20:51	41801 GOCI_T2	1	25	24	0.1	0.15	0.05	0	0	0	0	0	0	0	0
9/29/2023 20:51	56802 BENV_T2	31	102	71	0.15	0.19	0.04	-1.36	-1.26	0	0	0	0	0	0
9/29/2023 20:52	53901 HALI_T2	1	1	0	0.1	0.4	0.3	0.1	0.12	0	0	0	0	0	0
9/29/2023 20:52	15001 BLMO_T1	0	1	1	0	0	0	0	0	0	0	0	0	0	0
9/29/2023 20:52	52401 GRPA_T2	0	1	1	0	0.3	0.3	0	0	0	0	0	0	0	0
9/29/2023 20:52	61201 MGTN_T2	0	0	0	0	0	0	0.34	0.47	1	1	0	600	600	0
9/29/2023 20:52	13704 SCHN_T2	0	4	4	0	0.15	0.15	-0.39	-0.36	0	0	0	0	0	0
9/29/2023 20:53	46001 BERW_T1	0	0	0	0	0	0	0.7	0.7	0	0	0	0	0	0
9/29/2023 20:53	44302 BEAV_T2	432	488	56	0.68	0.76	0.08	0.25	0.25	0	0	0	0	0	0
9/29/2023 20:53	42903 MIDD_T2	181	213	32	0.74	0.72	-0.02	0	0	0	0	0	0	0	0
9/29/2023 20:53	56802 BENV_T2	31	102	71	0.15	0.19	0.04	-1.36	-1.26	0	0	0	0	0	0
9/29/2023 20:53	56801 BENV_T1	33	37	4	1.03	1.01	-0.02	-0.83	-0.81	1	1	0	600	600	0
9/29/2023 20:53	42201 SHEN_T2	0	1	1	0	0.2	0.2	0.36	0.35	0	0	0	0	0	0
9/29/2023 20:54	59101 WALK_T2	1	1	0	0	0	0	1.32	1.12	0	0	0	0	0	0
9/29/2023 20:54	56802 BENV_T2	31	102	71	0.15	0.19	0.04	-0.68	-0.63	0	0	0	0	0	0
9/29/2023 20:54	43202 MVIL_T2	0	1	1	0	0.1	0.1	-0.74	-0.72	0	0	0	0	0	0
9/29/2023 20:54	42701 AUGU_T1	1	0	-1	0.6	0	-0.6	0	0	2	2	0	1800	1800	0
9/29/2023 20:54	56501 ROCK_T2	3	5	2	0.43	0.38	-0.05	-0.17	-0.37	0	0	0	0	0	0
9/29/2023 20:54	56503 ROCK_T2	0	2	2	0	0.1	0.1	0	0	0	0	0	0	0	0
9/29/2023 20:54	66505 SMAN_T2	3	3	0	0.43	0.37	-0.06	0.08	0.08	2	2	0	1100	1100	0
9/29/2023 20:54	61802 EELI_T2	0	7	7	0	0.1	0.1	0	0	0	0	0	0	0	0
9/29/2023 20:54	15001 BLMO_T1	0	1	1	0	0	0	0	0	0	0	0	0	0	0
9/29/2023 20:54	12701 MACU_T1	0	0	0	0	0	0	0.03	0.03	0	0	0	0	0	0
9/29/2023 20:54	56801 BENV_T1	33	37	4	1.03	1.01	-0.02	-1.66	-1.62	2	2	0	1200	1200	0
9/29/2023 20:54	67204 TEHI_T2	79	32	-47	0.17	0.11	-0.06	0.09	0.06	0	0	0	0	0	0
9/29/2023 20:55	46503 LOHA_T1	0	0	0	0	0	0	-0.62	-0.62	0	0	0	0	0	0
9/29/2023 20:55	42902 MIDD_T2	314	359	45	0.79	0.8	0.01	0	0	0	0	0	0	0	0
9/29/2023 20:55	56801 BENV_T1	33	37	4	1.03	1.01	-0.02	-0.83	-0.81	1	1	0	600	600	0
9/29/2023 20:55	61404 SLIT_T1	0	0	0	0	0	0	-1.12	-1.14	0	0	0	0	0	0
9/29/2023 20:55	40903 JESH_T1	0	2	2	0	0.1	0.1	0	0	0	0	0	0	0	0
9/29/2023 20:55	53601 DALM_T2	1	1	0	1	1.1	0.1	0.07	0.02	0	0	0	0	0	0
9/29/2023 20:55	44601 SALE_T2	1	1	0	0.3	0.4	0.1	-0.04	-0.03	0	0	0	0	0	0
9/29/2023 20:55	56802 BENV_T2	31	102	71	0.15	0.19	0.04	-1.36	-1.26	0	0	0	0	0	0
9/29/2023 20:55	45901 AUBU_T1	0	0	0	0	0	0	1.85	1.86	0	0	0	0	0	0
9/29/2023 20:55	42701 AUGU_T1	1	0	-1	0.6	0	-0.6	0	0	2	2	0	1800	1800	0
9/29/2023 20:55	54701 NEBL_T1	2	6	4	0.3	0.6	0.3	0	0	1	1	0	600	600	0
9/29/2023 20:56	43001 ALWD_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9/29/2023 20:56	52404 GRPA_T2	1	1	0	1.2	1.3	0.1	0	0	0	0	0	0	0	0
9/29/2023 20:56	42701 AUGU_T1	1	0	-1	0.6	0	-0.6	0	0	2	2	0	1800	1800	0
9/29/2023 20:56	64301 LINC_T1	0	0	0	0	0	0	0.25	0.26	0	0	0	0	0	0
9/29/2023 20:56	65001 NEFF_T2	217	234	17	0.26	0.37	0.11	-1.17	-1.17	1	1	0	1200	1200	0
9/29/2023 20:56	48302 ORWI_T2	2	2	0	1.1	1.15	0.05	0	-0.01	0	0	0	0	0	0
9/29/2023 20:56	56801 BENV_T1	33	37	4	1.03	1.01	-0.02	-0.83	-0.81	1	1	0	600	600	0
9/29/2023 20:57	59101 WALK_T2	1	1	0	0	0	0	2.64	2.24	0	0	0	0	0	0
9/29/2023 20:57	15001 BLMO_T1	0	1	1	0	0	0	0	0	0	0	0	0	0	0
9/29/2023 20:57	58402 MORO_T1	13	0	-13	0.13	0	-0.13	-1.08	-1.12	2	2	0	1500	1500	0
9/29/2023 20:57	13704 SCHN_T2	0	4	4	0	0.15	0.15	-0.39	-0.36	0	0	0	0	0	0
9/29/2023 20:58	45802 HEGI_T2	0	0	0	0	0	0	0.82	0.9	0	0	0	0	0	0
9/29/2023 20:58	59102 WALK_T2	0	4	4	0	0.13	0.13	0	0	0	0	0	0	0	0
9/29/2023 20:58	13704 SCHN_T2	0	4	4	0	0.15	0.15	-0.39	-0.36	0	0	0	0	0	0
9/29/2023 20:58	46801 HEPB_T2	2	2	0	0.45	0.6	0.15	0.66	0.65	0	0	0	0	0	0
9/29/2023 20:58	42701 AUGU_T1	1	0	-1	0.6	0	-0.6	0	0	2	2	0	1800	1800	0
9/29/2023 20:58	40901 JESH_T1	43	92	49	0.23	0.26	0.03	0	0	0	0	0	0	0	0
9/29/2023 20:58	53903 HALI_T2	2	2	0	0.95	1.05	0.1	0	0	0	0	0	0	0	0
9/29/2023 20:58	44802 EDAN_T2	0	0	0	0	0	0	-0.83	-0.79	0	0	0	0	0	0
9/29/2023 20:58	45702 LIND_T2	1	1	0	0.9	0.8	-0.1	-0.5	-0.49	0	0	0	0	0	0
9/29/2023 20:58	66703 STRA_T1	0	0	0	0	0	0	-0.24	-0.27	0	0	0	0	0	0
9/29/2023 20:58	40101 HUNT_T2	0	0	0	0	0	0	-0.72	-0.72	0	0	0	0	0	0
9/29/2023 20:59	45003 LIME_2	1	1	0	2.9	3.1	0.2	0	0	0	0	0	0	0	0
9/29/2023 20:59	65702 RVIL_T2	0	0	0	0	0	0	-0.82	-0.88	0	0	0	0	0	0
9/29/2023 20:59	65902 SAKR_T2	0	0	0	0	0	0	-0.05	-0.07	0	0	0	0	0	0
9/29/2023 21:00	66505 SMAN_T2	3	3	0	0.2	0.73	0.53	0.08	-0.03	2	2	0	1100	1100	0
9/29/2023 21:00	40101 HUNT_T2	0	0	0	0	0	0	-0.72	-0.75	0	0	0	0	0	0
9/29/2023 21:01	43302 WATS_T2	4	4	0	0.55	1.1	0.55	0	0	0	0	0	0	0	0
9/29/2023 21:01	28604 BLYT_T2	1	0	-1	0.4	0	-0.4	-1.37	-1.4	0	0	0	0	0	0
9/29/2023 21:02	44301 BEAV_T2	11	9	-2	0.64	0.58	-0.06	0	0	0	0	0	0	0	0
9/29/2023 21:04	53903 HALI_T2	2	2	0	0.95	1.3	0.35	-0.13	-0.18	0	0	0	0	0	0
9/29/2023 21:04	52402 GRPA_T2	5	5	0	1.78	2.14	0.36	0	0	0	0	0	0	0	0
9/29/2023 21:05	64303 LINC_T1	0	0	0	0	0	0	-0.22	-0.23	0	0	0	0	0	0
9/29/2023 21:05	54701 NEBL_T1	5	7	2	0.58	0.56	-0.02	0	0	1	1	0	600	600	0
9/29/2023 21:07	44301 BEAV_T2	11	9	-2	0.64	0.58	-0.06	0	0	0	0	0	0	0	0
9/29/2023 21:08	52402 GRPA_T2	5	5	0	1.78	2.14	0.36	0	0	0	0	0	0	0	0
9/29/2023 21:34	67502 WEWI_T2	14	63	49	0.11	0.15	0.04	-0.4	-0.51	0	0	0	0	0	0
9/30/2023 0:28	46503 LOHA_T1	0	0	0	0	0	0	-0.62	-0.62	0	0	0	0	0	0
9/30/2023 0:28	53901 HALI_T2	13	117	104	0.18	0.17	-0.01	0.04	0.04	0	0	0	0	0	0
9/30/2023 0:28	28801 LAKE_T1	100	248	148	0.13	0.39	0.26	0	0	0	0	0	0	0	0
9/30/2023 0:28	67203 TEHI_T1	1	1	0	0	0	0	1.53	1.46	1	1	0	900	900	0
9/30/2023 0:28	54001 SDLE_T1	1	1	0	0.4	0.7	0.3	0	0	1	1	0	600	600	0
9/30/2023 0:28	43001 ALWD_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9/30/2023 0:28	52402 GRPA_T2	1	4	3	3.5	1.15	-2.35	0	0	0	0	0	0	0	0
9/30/2023 0:28	42902 MIDD_T2	466	517	51	0.88	0.94	0.06	-2.13	-2.19	0	0	0	0	0	0
9/30/2023 0:28	40902 JESH_T1	0	0	0	0	0	0	-0.97	-0.97	0	0	0	0	0	0
9/30/2023 0:28	67001 STHI_T2	1	1	0	0.1	0.2	0.1	0.02	0	0	0	0	0	0	0
9/30/2023 0:28	52502 PROG_T2	0	0	0	0	0	0	0.21	0.23	0	0	0	0	0	0
9/30/2023 0:28	61203 MGTN_T1	0	0	0	0	0	0	-0.29	-0.3	1	1	0	600	600	0
9/30/2023 0:28	49804 UNIV_T1	2	1	-1	1.15	0.2	-0.95	0	0	0	0	0	0	0	0
9/30/2023 0:28	67502 WEWI_T2	0	0	0	0	0	0	-1.6	-1.65	1	1	0	900	900	0
9/30/2023 0:28	67201 TEHI_T1	0	0	0	0	0	0	0.18	0.22	0	0	0	0	0	0
9/30/2023 0:28	47802 MOCA_T2	0	0	0	0	0	0	-1.08	-1.09	0	0	0	0	0	0
9/30/2023 0:28	12701 MACU_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9/30/2023 0:28	43202 MVIL_T2	0	0	0	0	0	0	-0.77	-0.75	0	0	0	0	0	0
9/30/2023 0:28	15001 BLMO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9/30/2023 0:28	44201 POIN_T1	0	0	0	0	0	0	-0.74	-0.75	1	1	0	900	900	0
9/30/2023 0:28

9/30/2023 0:28	66504 SMAN_T2	0	0	0	0	0	0	-1.12	-0.92	0	0	0	0	0	0
9/30/2023 0:28	17803 GILB_T2	0	14	14	0	0.18	0.18	0	0	0	0	0	0	0	0
9/30/2023 0:28	56802 BENV_T2	0	1	1	0	0.2	0.2	-1.68	-1.76	0	0	0	0	0	0
9/30/2023 0:28	47101 MARL_T1	0	1	1	0	0	0	-1.32	-1.41	0	0	0	0	0	0
9/30/2023 0:28	56801 BENV_T1	24	25	1	0.73	0.98	0.25	-1.84	-1.84	2	2	0	1200	1200	0
9/30/2023 2:28	13503 MCMI_T2	0	0	0	0	0	0	-0.04	-0.04	0	0	0	0	0	0
9/30/2023 4:13	65003 NEFF_T2	4	4	0	0.2	0.25	0.05	0	0	0	0	0	0	0	0
9/30/2023 5:55	65001 NEFF_T2	24	0	-24	0.12	0	-0.12	-1.38	-1.38	1	1	0	1200	1200	0
9/30/2023 7:31	54701 NEBL_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9/30/2023 8:11	44302 BEAV_T2	282	278	-4	0.56	0.59	0.03	0.28	0.31	0	0	0	0	0	0
9/30/2023 8:12	63305 GREE_T1	0	0	0	0	0	0	-1.77	-1.84	1	1	0	900	900	0
9/30/2023 8:13	46801 HEPB_T2	2	1	-1	0.25	0.1	-0.15	0.54	0.53	0	0	0	0	0	0
9/30/2023 8:24	59101 WALK_T2	1	1	0	0	0	0	1.06	1.26	0	0	0	0	0	0
9/30/2023 8:30	58402 MORO_T1	1	0	-1	0.6	0	-0.6	-0.56	-0.55	1	1	0	600	600	0
9/30/2023 8:30	54701 NEBL_T1	0	0	0	0	0	0	0	0	1	1	0	600	600	0
9/30/2023 8:33	58402 MORO_T1	1	0	-1	0.6	0	-0.6	-0.56	-0.55	1	1	0	600	600	0
9/30/2023 8:36	44302 BEAV_T2	251	256	5	0.57	0.58	0.01	0.28	0.27	0	0	0	0	0	0
9/30/2023 8:41	46203 DANV_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9/30/2023 8:47	64101 REFR_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9/30/2023 8:57	63401 HONY_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9/30/2023 9:00	40101 HUNT_T2	0	0	0	0	0	0	-0.78	-0.78	0	0	0	0	0	0
9/30/2023 9:07	59101 WALK_T2	1	1	0	0	0	0	1.27	1.38	0	0	0	0	0	0
9/30/2023 9:08	45901 AUBU_T1	0	0	0	0	0	0	0.94	0.99	0	0	0	0	0	0
9/30/2023 9:08	26603 BROO_T1	0	0	0	0	0	0	0.08	0.06	0	0	0	0	0	0
9/30/2023 9:10	45901 AUBU_T1	0	0	0	0	0	0	0.94	0.99	0	0	0	0	0	0
9/30/2023 9:15	26603 BROO_T1	0	0	0	0	0	0	0.06	0.07	0	0	0	0	0	0
9/30/2023 9:19	49803 UNIV_T1	0	0	0	0	0	0	-1.03	-1.01	0	0	0	0	0	0
9/30/2023 9:21	14403 SSLA_T1	0	0	0	0	0	0	0.7	0.68	0	0	0	0	0	0
9/30/2023 9:22	14403 SSLA_T1	0	0	0	0	0	0	0.7	0.68	0	0	0	0	0	0
9/30/2023 9:28	13503 MCMI_T2	0	0	0	0	0	0	-0.04	-0.01	0	0	0	0	0	0
9/30/2023 9:29	28805 LAKE_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9/30/2023 9:30	23401 HONE_T2	0	0	0	0	0	0	0	0.01	0	0	0	0	0	0
9/30/2023 9:31	54701 NEBL_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9/30/2023 9:31	28805 LAKE_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9/30/2023 9:34	67203 TEHI_T1	1	1	0	0	0	0	1.3	1.05	1	1	0	600	600	0
9/30/2023 9:36	45902 AUBU_T1	0	0	0	0	0	0	-0.39	-0.26	0	0	0	0	0	0
9/30/2023 9:37	59202 THOM_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9/30/2023 9:39	45902 AUBU_T1	0	0	0	0	0	0	-0.39	-0.26	0	0	0	0	0	0
9/30/2023 9:47	43202 MVIL_T2	5	1	-4	0.18	1.2	1.02	-0.7	-0.68	0	0	0	0	0	0
9/30/2023 9:47	64101 REFR_T1	3	3	0	7.63	7.47	-0.16	0.06	0.08	0	0	0	0	0	0
9/30/2023 9:48	42001 MNVL_T2	0	2	2	0	0.2	0.2	0.03	0.06	0	0	0	0	0	0
9/30/2023 9:48	64101 REFR_T1	3	3	0	7.63	7.47	-0.16	0.12	0.16	0	0	0	0	0	0
9/30/2023 9:48	43202 MVIL_T2	5	1	-4	0.18	1.2	1.02	-0.7	-0.68	0	0	0	0	0	0
9/30/2023 9:49	64101 REFR_T1	3	3	0	7.63	7.47	-0.16	0.12	0.16	0	0	0	0	0	0
9/30/2023 9:50	41901 REED_T1	0	1	1	0	0.1	0.1	-2.09	-2.1	1	1	0	900	900	0
9/30/2023 9:51	64101 REFR_T1	3	3	0	7.63	7.47	-0.16	0.12	0.16	0	0	0	0	0	0
9/30/2023 9:51	67503 WEWI_T2	0	1	1	0	0	0	-0.26	-0.26	0	0	0	0	0	0
9/30/2023 9:54	41602 CLEV_T1	0	0	0	0	0	0	0	0	3	3	0	1800	1800	0
9/30/2023 9:55	60801 BUCK_T1	0	0	0	0	0	0	-0.2	-0.2	0	0	0	0	0	0
9/30/2023 9:57	41801 GOCI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9/30/2023 9:58	43402 BENT_T1	2	9	7	0.4	0.59	0.19	-0.94	-0.93	1	1	0	900	900	0
9/30/2023 9:58	51602 DUKE_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9/30/2023 9:59	41801 GOCI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9/30/2023 10:00	56601 HAMP_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9/30/2023 10:00	52503 PROG_T2	0	0	0	0	0	0	-0.71	-0.73	1	1	0	900	900	0
9/30/2023 10:00	53903 HALI_T2	2	2	0	0.55	0.5	-0.05	0	0	0	0	0	0	0	0
9/30/2023 10:00	61303 EARL_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9/30/2023 10:00	67604 WARW_T1	0	0	0	0	0	0	0.61	0.59	0	0	0	0	0	0
9/30/2023 10:00	67502 WEWI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9/30/2023 10:00	13503 MCMI_T2	0	0	0	0	0	0	-0.01	-0.01	0	0	0	0	0	0
9/30/2023 10:00	12701 MACU_T1	0	0	0	0	0	0	0.14	0.14	0	0	0	0	0	0
9/30/2023 10:00	66505 SMAN_T2	0	0	0	0	0	0	0.53	0.58	2	2	0	1100	1100	0
9/30/2023 10:00	56802 BENV_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9/30/2023 10:00	54701 NEBL_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9/30/2023 10:00	46203 DANV_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9/30/2023 10:00	64801 MONE_T2	1	1	0	0.4	0.3	-0.1	0.23	0.22	0	0	0	0	0	0
9/30/2023 10:00	41901 REED_T1	1	1	0	0.1	0.1	0	-2.1	-2.07	1	1	0	900	900	0
9/30/2023 10:00	63401 HONY_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9/30/2023 10:00	51602 DUKE_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9/30/2023 10:00	40101 HUNT_T2	0	0	0	0	0	0	-0.77	-0.73	0	0	0	0	0	0
9/30/2023 10:00	64101 REFR_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9/30/2023 10:00	12604 MACA_T1	0	0	0	0	0	0	0.26	0.23	0	0	0	0	0	0
9/30/2023 10:00	23301 JEFF_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9/30/2023 10:00	45902 AUBU_T1	0	0	0	0	0	0	-0.36	-0.34	0	0	0	0	0	0
9/30/2023 10:00	20401 ASHF_T2	0	1	1	0	0	0	-0.29	-0.27	1	1	0	600	600	0
9/30/2023 10:00	26401 INOR_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9/30/2023 10:01	44301 BEAV_T2	4	3	-1	0.53	0.53	0	0	0	0	0	0	0	0	0
9/30/2023 10:01	64801 MONE_T2	1	1	0	0.4	0.3	-0.1	0	0	0	0	0	0	0	0
9/30/2023 10:07	67503 WEWI_T2	0	1	1	0	3.2	3.2	-0.26	-0.26	0	0	0	0	0	0
9/30/2023 10:07	56803 BENV_T1	0	2	2	0	0.1	0.1	0.31	0.28	0	0	0	0	0	0
9/30/2023 10:07	59203 THOM_T1	0	3	3	0	0.15	0.15	0	0	0	0	0	0	0	0
9/30/2023 10:08	26603 BROO_T1	0	0	0	0	0	0	0.11	0.1	0	0	0	0	0	0
9/30/2023 10:08	45902 AUBU_T1	0	0	0	0	0	0	-0.36	-0.34	0	0	0	0	0	0
9/30/2023 10:08	58001 WCAR_T1	4	4	0	1.4	1.48	0.08	0	0	0	0	0	0	0	0
9/30/2023 10:09	41602 CLEV_T1	0	0	0	0	0	0	0	0	3	3	0	1800	1800	0
9/30/2023 10:10	60801 BUCK_T1	0	0	0	0	0	0	-0.2	-0.21	0	0	0	0	0	0
9/30/2023 10:10	45902 AUBU_T1	0	0	0	0	0	0	-0.36	-0.34	0	0	0	0	0	0
9/30/2023 10:11	28805 LAKE_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9/30/2023 10:11	41602 CLEV_T1	0	0	0	0	0	0	0	0	1	1	0	600	600	0
9/30/2023 10:11	26603 BROO_T1	0	0	0	0	0	0	0.11	0.1	0	0	0	0	0	0
9/30/2023 10:12	56803 BENV_T1	0	2	2	0	0.1	0.1	0.31	0.28	0	0	0	0	0	0
9/30/2023 10:12	23401 HONE_T2	0	0	0	0	0	0	0.02	0.02	0	0	0	0	0	0
9/30/2023 10:13	40101 HUNT_T2	0	0	0	0	0	0	-0.77	-0.73	0	0	0	0	0	0
9/30/2023 10:13	45003 LIME_2	1	1	0	3.3	3.6	0.3	0	0	0	0	0	0	0	0
9/30/2023 10:13	28805 LAKE_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9/30/2023 10:14	46801 HEPB_T2	2	2	0	0.15	0.15	0	0.65	0.65	0	0	0	0	0	0
9/30/2023 10:15	58402 MORO_T1	0	0	0	0	0	0	-0.64	-0.62	1	1	0	600	600	0
9/30/2023 10:15	28403 HART_T2	0	0	0	0	0	0	-0.63	-0.62	1	1	0	900	900	0
9/30/2023 10:15	52402 GRPA_T2	1	1	0	1.4	2.4	1	0	0	0	0	0	0	0	0
9/30/2023 10:17	42903 MIDD_T2	84	90	6	0.44	0.38	-0.06	0	0	0	0	0	0	0	0
9/30/2023 10:17	17802 GILB_T1	0	0	0	0	0	0	0.06	0.08	0	0	0	0	0	0
9/30/2023 10:17	64101 REFR_T1	3	3	0	7.23	7.2	-0.03	0.09	0.11	0	0	0	0	0	0
9/30/2023 10:17	42802 SELI_T1	1	1	0	0.8	0.7	-0.1	-1.13	-1.1	0	0	0	0	0	0
9/30/2023 10:18	17802 GILB_T1	0	0	0	0	0	0	0.06	0.08	0	0	0	0	0	0
9/30/2023 10:19	64101 REFR_T1	3	3	0	7.23	7.2	-0.03	0.18	0.22	0	0	0	0	0	0
9/30/2023 10:19	42001 MNVL_T2	2	1	-1	0.2	0.3	0.1	0.07	0.06	0	0	0	0	0	0
9/30/2023 10:19	59101 WALK_T2	1	2	1	0	0	0	1.45	1.6	0	0	0	0	0	0
9/30/2023 10:19	42802 SELI_T1	1	1	0	0.8	0.7	-0.1	-2.26	-2.2	0	0	0	0	0	0
9/30/2023 10:19	43202 MVIL_T2	1	1	0	0.3	0.3	0	-1.28	-1.28	0	0	0	0	0	0
9/30/2023 10:20	59101 WALK_T2	1	2	1	0	0	0	1.45	1.6	0	0	0	0	0	0
9/30/2023 10:20	64101 REFR_T1	3	3	0	7.23	7.2	-0.03	0.09	0.11	0	0	0	0	0	0
9/30/2023 10:20	42802 SELI_T1	1	1	0	0.8	0.7	-0.1	-1.13	-1.1	0	0	0	0	0	0
9/30/2023 10:20	54701 NEBL_T1	0	0	0	0	0	0	0	0	1	1	0	600	600	0
9/30/2023 10:21	67502 WEWI_T2	0	0	0	0	0	0	-1.45	-1.42	1	1	0	900	900	0
9/30/2023 10:21	67203 TEHI_T1	1	1	0	0	0	0	1.02	1.54	1	0	-1	600	0	-600
9/30/2023 10:21	59101 WALK_T2	1	2	1	0	0	0	2.9	3.2	0	0	0	0	0	0
9/30/2023 10:21	64101 REFR_T1	3	3	0	7.23	7.2	-0.03	0.09	0.11	0	0	0	0	0	0
9/30/2023 10:21	42201 SHEN_T2	0	0	0	0	0	0	0.34	0.36	0	0	0	0	0	0
9/30/2023 10:22	67502 WEWI_T2	0	0	0	0	0	0	-1.45	-1.42	1	1	0	900	900	0
9/30/2023 10:22	43401 BENT_T1	1	0	-1	6.3	0	-6.3	0	0	0	0	0	0	0	0
9/30/2023 10:22	59101 WALK_T2	1	2	1	0	0	0	2.9	3.2	0	0	0	0	0	0
9/30/2023 10:22	49803 UNIV_T1	0	0	0	0	0	0	-0.98	-1	0	0	0	0	0	0
9/30/2023 10:23	28604 BLYT_T2	0	0	0	0	0	0	-1.37	-1.36	0	0	0	0	0	0
9/30/2023 10:23	10801 CHHI_T1	0	0	0	0	0	0	-0.93	-0.9	1	1	0	900	900	0
9/30/2023 10:23	66504 SMAN_T2	0	0	0	0	0	0	-0.27	-0.3	0	0	0	0	0	0
9/30/2023 10:23	42601 TUSC_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9/30/2023 10:24	28604 BLYT_T2	0	0	0	0	0	0	-1.37	-1.36	0	0	0	0	0	0
9/30/2023 10:24	15001 BLMO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9/30/2023 10:25	15001 BLMO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9/30/2023 10:26	67502 WEWI_T2	0	0	0	0	0	0	-1.45	-1.42	1	1	0	900	900	0
9/30/2023 10:26	15001 BLMO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9/30/2023 10:26	41801 GOCI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9/30/2023 10:26	61001 DONV_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9/30/2023 10:27	64101 REFR_T1	3	3	0	7.23	7.2	-0.03	0.09	0.11	0	0	0	0	0	0
9/30/2023 10:29	17802 GILB_T1	0	0	0	0	0	0	0.16	0.2	0	0	0	0	0	0
9/30/2023 10:29	41801 GOCI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9/30/2023 10:34	56501 ROCK_T2	0	0	0	0	0	0	-0.41	-0.41	0	0	0	0	0	0
9/30/2023 10:34	52502 PROG_T2	0	0	0	0	0	0	-0.67	-0.65	1	1	0	900	900	0
9/30/2023 10:36	20403 ASHF_T2	0	0	0	0	0	0	0.16	0.19	0	0	0	0	0	0
9/30/2023 10:36	46302 ROHR_T1	4	4	0	1.65	1.53	-0.12	0	0	0	0	0	0	0	0
9/30/2023 10:36	44301 BEAV_T2	2	3	1	0.7	0.5	-0.2	0	0	0	0	0	0	0	0
9/30/2023 10:36	67605 WARW_T1	14	14	0	0.53	0.56	0.03	-1.29	-1.31	0	0	0	0	0	0
9/30/2023 10:36	56501 ROCK_T2	0	0	0	0	0	0	-0.41	-0.41	0	0	0	0	0	0
9/30/2023 10:37	20403 ASHF_T2	0	0	0	0	0	0	0.16	0.19	0	0	0	0	0	0
9/30/2023 10:37	15001 BLMO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9/30/2023 10:38	15001 BLMO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9/30/2023 10:38	44302 BEAV_T2	231	240	9	0.53	0.55	0.02	0.6	0.56	0	0	0	0	0	0
9/30/2023 10:38	60801 BUCK_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9/30/2023 10:38	66703 STRA_T1	0	0	0	0	0	0	-0.08	-0.07	0	0	0	0	0	0
9/30/2023 10:40	61303 EARL_T1	0	0	0	0	0	0	0.03	0.1	0	0	0	0	0	0
9/30/2023 10:41	61303 EARL_T1	0	0	0	0	0	0	0.03	0.1	0	0	0	0	0	0
9/30/2023 10:41	44301 BEAV_T2	2	3	1	0.7	0.5	-0.2	0	0	0	0	0	0	0	0
9/30/2023 10:42	41602 CLEV_T1	0	0	0	0	0	0	0	0	1	1	0	600	600	0
9/30/2023 10:43	46801 HEPB_T2	2	3	1	0.15	0.15	0	0.65	0.68	0	0	0	0	0	0
9/30/2023 10:44	42903 MIDD_T2	78	86	8	0.39	0.36	-0.03	0	0	0	0	0	0	0	0
9/30/2023 10:44	46801 HEPB_T2	0	0	0	0	0	0	0.43	0.47	0	0	0	0	0	0
9/30/2023 10:44	63401 HONY_T1	0	0	0	0	0	0	0.24	0.19	0	0	0	0	0	0
9/30/2023 10:45	52004 LING_T2	1	1	0	0.5	1.1	0.6	0.12	0.14	0	0	0	0	0	0
9/30/2023 10:48	64801 MONE_T2	1	1	0	0.2	0.2	0	0.25	0.24	0	0	0	0	0	0
9/30/2023 10:48	45702 LIND_T2	0	1	1	0	0.5	0.5	-0.45	-0.43	0	0	0	0	0	0
9/30/2023 10:51	65001 NEFF_T2	0	0	0	0	0	0	-1.1	-1.01	1	1	0	1200	1200	0
9/30/2023 10:51	64101 REFR_T1	3	3	0	7.2	7.37	0.17	0.14	0.13	0	0	0	0	0	0
9/30/2023 10:51	44902 SCOT_T2	4	0	-4	0.3	0	-0.3	0	0	0	0	0	0	0	0
9/30/2023 10:51	59402 RFLD_T2	1	1	0	0.5	0.3	-0.2	-1.18	-1.19	1	1	0	450	450	0
9/30/2023 10:53	67502 WEWI_T2	0	0	0	0	0	0	-1.42	-1.45	1	1	0	900	900	0
9/30/2023 10:53	56802 BENV_T2	0	1	1	0	0.3	0.3	-1.46	-2.86	0	0	0	0	0	0
9/30/2023 10:53	44902 SCOT_T2	4	0	-4	0.3	0	-0.3	0	0	0	0	0	0	0	0
9/30/2023 10:53	67503 WEWI_T2	0	0	0	0	0	0	-0.26	-0.26	0	0	0	0	0	0
9/30/2023 10:54	51604 DUKE_T2	3	5	2	0.23	0.4	0.17	0	0	0	0	0	0	0	0
9/30/2023 10:54	67503 WEWI_T2	0	0	0	0	0	0	-0.26	-0.26	0	0	0	0	0	0
9/30/2023 10:54	67503 WEWI_T2	0	0	0	0	0	0	-0.26	-0.26	0	0	0	0	0	0
9/30/2023 10:54	56802 BENV_T2	0	1	1	0	0.3	0.3	-1.46	-2.86	0	0	0	0	0	0
9/30/2023 10:55	51604 DUKE_T2	3	5	2	0.23	0.4	0.17	0	0	0	0	0	0	0	0
9/30/2023 10:55	60801 BUCK_T1	0	0	0	0	0	0	-0.93	-0.92	1	1	0	600	600	0
9/30/2023 10:56	51604 DUKE_T2	3	5	2	0.23	0.4	0.17	0	0	0	0	0	0	0	0
9/30/2023 10:56	56802 BENV_T2	0	1	1	0	0.3	0.3	-1.46	-2.86	0	0	0	0	0	0
9/30/2023 10:56	60801 BUCK_T1	0	0	0	0	0	0	-0.93	-0.92	1	1	0	600	600	0
9/30/2023 10:56	43402 BENT_T1	4	5	1	0.38	0.36	-0.02	-0.93	-0.93	1	1	0	900	900	0
9/30/2023 10:57	42401 GIMA_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9/30/2023 11:00	40101 HUNT_T2	0	1	1	0	0	0	-0.73	-0.72	0	0	0	0	0	0
9/30/2023 11:01	28403 HART_T2

9/30/2023 11:35	13103 NHAM_T2	0	3	3	0	0	0	0	0	0	0	0	0	0
9/30/2023 11:35	64101 REFR_T1	3	3	0	7	6.87	-0.13	0.26	0.18	0	0	0	0	0
9/30/2023 11:36	64101 REFR_T1	3	3	0	7	6.87	-0.13	0.13	0.09	0	0	0	0	0
9/30/2023 11:37	60803 BUCK_T1	0	0	0	0	0	0	-0.96	-0.91	1	1	0	600	600
9/30/2023 11:38	64101 REFR_T1	3	3	0	7	6.87	-0.13	0.13	0.09	0	0	0	0	0
9/30/2023 11:39	27502 WEIS_T2	0	1	1	0	0	0	-0.63	-0.6	0	0	0	0	0
9/30/2023 11:39	52403 GRPA_T2	0	12	12	0	1.54	1.54	0.1	0.06	0	0	0	0	0
9/30/2023 11:39	60803 BUCK_T1	0	0	0	0	0	0	-0.18	-0.15	0	0	0	0	0
9/30/2023 11:39	67502 WEWI_T2	0	0	0	0	0	0	-1.37	-1.4	1	1	0	900	900
9/30/2023 11:40	46001 BERW_T1	0	0	0	0	0	0	1.14	1.16	0	0	0	0	0
9/30/2023 11:40	67503 WEWI_T2	0	0	0	0	0	0	-0.27	-0.26	0	0	0	0	0
9/30/2023 11:40	67502 WEWI_T2	0	0	0	0	0	0	-1.37	-1.4	1	1	0	900	900
9/30/2023 11:41	67502 WEWI_T2	0	0	0	0	0	0	-1.37	-1.4	1	1	0	900	900
9/30/2023 11:41	60803 BUCK_T1	0	0	0	0	0	0	-0.96	-0.91	1	1	0	600	600
9/30/2023 11:41	67502 WEWI_T2	0	0	0	0	0	0	-1.37	-1.4	1	1	0	900	900
9/30/2023 11:41	44302 BEAV_T2	237	193	-44	0.46	0.41	-0.05	0.31	0.3	0	0	0	0	0
9/30/2023 11:42	67502 WEWI_T2	0	0	0	0	0	0	-1.37	-1.4	1	1	0	900	900
9/30/2023 11:42	67503 WEWI_T2	0	0	0	0	0	0	-0.27	-0.26	0	0	0	0	0
9/30/2023 11:47	52502 PROG_T2	0	0	0	0	0	0	-0.57	-0.59	1	1	0	900	900
9/30/2023 11:48	44901 SCOT_T2	5	1	-4	0.1	0.1	0	-0.16	0.13	0	0	0	0	0
9/30/2023 11:50	54701 NEBL_T1	0	0	0	0	0	0	0	0	1	1	0	600	600
9/30/2023 11:51	44904 SCOT_T1	0	0	0	0	0	0	-0.14	-0.15	0	0	0	0	0
9/30/2023 11:51	46001 BERW_T1	0	0	0	0	0	0	0.58	0.59	0	0	0	0	0
9/30/2023 11:51	13105 NHAM_T2	0	0	0	0	0	0	-0.28	-0.28	1	1	0	1200	1200
9/30/2023 11:51	44901 SCOT_T2	5	1	-4	0.1	0.1	0	-0.16	0.13	0	0	0	0	0
9/30/2023 11:52	15001 BLMO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
9/30/2023 11:53	15001 BLMO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
9/30/2023 11:54	15001 BLMO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
9/30/2023 11:54	27502 WEIS_T2	0	1	1	0	7.2	7.2	-0.6	-0.66	0	0	0	0	0
9/30/2023 11:54	67605 WARW_T1	10	14	4	0.22	0.33	0.11	-1.28	-1.29	0	0	0	0	0
9/30/2023 11:55	15001 BLMO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
9/30/2023 11:55	46001 BERW_T1	0	0	0	0	0	0	1.16	1.18	0	0	0	0	0
9/30/2023 11:56	46204 DANV_T2	0	1	1	0	0	0	0	0	0	0	0	0	0
9/30/2023 11:56	46001 BERW_T1	0	0	0	0	0	0	0.58	0.59	0	0	0	0	0
9/30/2023 12:01	47101 MARL_T1	0	0	0	0	0	0	-0.28	-0.29	0	0	0	0	0
9/30/2023 12:01	13105 NHAM_T2	0	0	0	0	0	0	-0.28	-0.28	1	1	0	1200	1200
9/30/2023 12:03	52502 PROG_T2	0	0	0	0	0	0	-0.59	-0.56	1	1	0	900	900
9/30/2023 12:03	47101 MARL_T1	0	0	0	0	0	0	-0.56	-0.58	0	0	0	0	0
9/30/2023 12:04	44901 SCOT_T2	1	0	-1	0.1	0	-0.1	0.13	-0.03	0	0	0	0	0
9/30/2023 12:05	27502 WEIS_T2	0	0	0	0	0	0	-0.66	-0.52	0	0	0	0	0
9/30/2023 12:05	54701 NEBL_T1	0	0	0	0	0	0	0	0	1	1	0	600	600
9/30/2023 12:06	44901 SCOT_T2	1	0	-1	0.1	0	-0.1	0.13	-0.03	0	0	0	0	0
9/30/2023 12:08	44904 SCOT_T1	0	0	0	0	0	0	-0.15	-0.14	0	0	0	0	0
9/30/2023 12:14	47101 MARL_T1	0	0	0	0	0	0	-0.29	-0.25	0	0	0	0	0
9/30/2023 12:15	65003 NEFF_T2	1	1	0	0.3	0.6	0.3	0	0	0	0	0	0	0
9/30/2023 12:17	47101 MARL_T1	0	0	0	0	0	0	-0.29	-0.25	0	0	0	0	0
9/30/2023 12:18	64101 REFR_T1	3	3	0	7.2	7.23	0.03	0.06	0.13	0	0	0	0	0
9/30/2023 12:18	47101 MARL_T1	0	0	0	0	0	0	-0.29	-0.25	0	0	0	0	0
9/30/2023 12:20	64101 REFR_T1	3	3	0	7.2	7.23	0.03	0.17	0.4	0	0	0	0	0
9/30/2023 12:21	64101 REFR_T1	3	3	0	7.2	7.23	0.03	0.06	0.13	0	0	0	0	0
9/30/2023 12:22	64101 REFR_T1	3	3	0	7.2	7.23	0.03	0.12	0.26	0	0	0	0	0
9/30/2023 12:22	46001 BERW_T1	0	0	0	0	0	0	0.59	0.6	0	0	0	0	0
9/30/2023 12:23	46001 BERW_T1	0	0	0	0	0	0	0.59	0.6	0	0	0	0	0
9/30/2023 12:25	46001 BERW_T1	0	0	0	0	0	0	0.59	0.6	0	0	0	0	0
9/30/2023 12:27	46001 BERW_T1	0	0	0	0	0	0	0.59	0.6	0	0	0	0	0
9/30/2023 12:27	46204 DANV_T2	0	1	1	0	0	0	0	0	0	0	0	0	0
9/30/2023 12:30	17802 GILB_T1	0	0	0	0	0	0	0.06	0.09	0	0	0	0	0
9/30/2023 12:31	17802 GILB_T1	0	0	0	0	0	0	0.12	0.18	0	0	0	0	0
9/30/2023 12:32	17804 GILB_T2	0	1	1	0	0.3	0.3	-0.55	-0.56	0	0	0	0	0
9/30/2023 12:33	17804 GILB_T2	0	1	1	0	0.3	0.3	0	0	0	0	0	0	0
9/30/2023 12:34	17802 GILB_T1	0	0	0	0	0	0	0.06	0.09	0	0	0	0	0
9/30/2023 12:34	17805 GILB_T2	0	0	0	0	0	0	0.28	0.32	0	0	0	0	0
9/30/2023 12:39	67502 WEWI_T2	1	2	1	0.4	0.3	-0.1	-2.9	-2.82	0	2	2	0	1800
9/30/2023 12:39	67502 WEWI_T2	1	2	1	0.4	0.3	-0.1	-2.9	-2.82	0	2	2	0	1800
9/30/2023 12:40	67503 WEWI_T2	0	0	0	0	0	0	-0.24	-0.23	0	0	0	0	0
9/30/2023 12:41	67502 WEWI_T2	1	2	1	0.4	0.3	-0.1	-1.45	-1.41	0	1	1	0	900
9/30/2023 12:43	67503 WEWI_T2	0	0	0	0	0	0	-0.24	-0.23	0	0	0	0	0
9/30/2023 12:43	67502 WEWI_T2	1	2	1	0.4	0.3	-0.1	-1.45	-1.41	1	1	0	900	900
9/30/2023 12:47	46302 ROHR_T1	4	4	0	1.95	1.7	-0.25	0	0	0	0	0	0	0
9/30/2023 12:50	42503 ALTA_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
9/30/2023 12:58	63401 HONY_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
9/30/2023 13:00	63203 MGTN_T1	0	0	0	0	0	0	-0.23	-0.22	1	1	0	600	600
9/30/2023 13:01	17802 GILB_T1	0	0	0	0	0	0	0.08	0.08	0	0	0	0	0
9/30/2023 13:02	17802 GILB_T1	0	0	0	0	0	0	0.16	0.16	0	0	0	0	0
9/30/2023 13:04	52502 PROG_T2	0	0	0	0	0	0	-0.6	-0.62	1	1	0	900	900
9/30/2023 13:08	61303 EARL_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
9/30/2023 13:09	67502 WEWI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
9/30/2023 13:18	54701 NEBL_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
9/30/2023 13:19	48302 ORWI_T2	2	2	0	0.4	0.45	0.05	-0.6	-0.6	0	0	0	0	0
9/30/2023 13:20	67401 WAKE_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
9/30/2023 13:24	67502 WEWI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
9/30/2023 13:32	59302 MCAL_T1	0	0	0	0	0	0	-0.33	-0.35	1	1	0	600	600
9/30/2023 13:32	23301 JEFF_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
9/30/2023 13:33	54701 NEBL_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
9/30/2023 13:36	44201 POIN_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
9/30/2023 13:40	67502 WEWI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
9/30/2023 13:41	42701 AUGU_T1	0	0	0	0	0	0	0	0	2	2	0	1800	1800
9/30/2023 13:42	23301 JEFF_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
9/30/2023 13:49	54701 NEBL_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
9/30/2023 13:50	67605 WARW_T1	13	11	-2	0.27	0.31	0.04	-1.25	-1.26	0	0	0	0	0
9/30/2023 13:51	44201 POIN_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
9/30/2023 13:52	42701 AUGU_T1	0	1	1	0	0	0	0	0	2	2	0	1800	1800
9/30/2023 13:53	42701 AUGU_T1	0	1	1	0	0	0	0	0	2	2	0	1800	1800
9/30/2023 13:57	46206 DANV_T2	1	0	-1	0.5	0	-0.5	0	0	0	0	0	0	0
9/30/2023 14:01	63401 HONY_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
9/30/2023 14:02	64802 MONE_T2	1	0	-1	0.8	0	-0.8	0	0	0	0	0	0	0
9/30/2023 14:03	63404 HONY_T1	151	188	37	0.49	0.73	0.24	0	0	0	0	0	0	0
9/30/2023 14:05	49804 UNIV_T1	1	1	0	0.3	0.4	0.1	0	0	0	0	0	0	0
9/30/2023 14:05	64101 REFR_T1	3	3	0	6.9	7.1	0.2	0.09	0.13	0	0	0	0	0
9/30/2023 14:06	43304 WATS_T2	0	0	0	0	0	0	0.14	0.18	0	0	0	0	0
9/30/2023 14:07	46001 BERW_T1	0	0	0	0	0	0	0.66	0.63	0	0	0	0	0
9/30/2023 14:08	49804 UNIV_T1	1	1	0	0.3	0.4	0.1	0	0	0	0	0	0	0
9/30/2023 14:09	67503 WEWI_T2	0	0	0	0	0	0	-0.1	-0.08	0	0	0	0	0
9/30/2023 14:09	61303 EARL_T1	0	0	0	0	0	0	0.09	0.09	0	0	0	0	0
9/30/2023 14:10	44802 EDAN_T2	0	0	0	0	0	0	-2.02	-1.98	1	1	0	1200	1200
9/30/2023 14:11	52403 GRPA_T2	0	1	1	0	0.2	0.2	-0.51	-0.47	0	0	0	0	0
9/30/2023 14:11	41801 GOCI_T2	2	3	1	0.15	0.13	-0.02	0	0	0	0	0	0	0
9/30/2023 14:11	67502 WEWI_T2	0	1	1	0	0.2	0.2	-2.78	-2.78	2	2	0	1800	1800
9/30/2023 14:11	61303 EARL_T1	0	0	0	0	0	0	0.09	0.09	0	0	0	0	0
9/30/2023 14:12	44904 SCOT_T1	0	0	0	0	0	0	-0.11	-0.13	0	0	0	0	0
9/30/2023 14:12	44801 EDAN_T2	1	1	0	0.5	0.6	0.1	0	0	0	0	0	0	0
9/30/2023 14:12	46001 BERW_T1	0	0	0	0	0	0	0.66	0.63	0	0	0	0	0
9/30/2023 14:13	44801 EDAN_T2	1	1	0	0.5	0.6	0.1	0	0	0	0	0	0	0
9/30/2023 14:13	67502 WEWI_T2	0	1	1	0	0.2	0.2	-2.78	-2.78	2	2	0	1800	1800
9/30/2023 14:14	67502 WEWI_T2	0	1	1	0	0.2	0.2	-1.39	-1.37	1	1	0	900	900
9/30/2023 14:14	40101 HUNT_T2	0	2	2	0	0.15	0.15	-1.4	-1.36	0	0	0	0	0
9/30/2023 14:14	41801 GOCI_T2	2	3	1	0.15	0.13	-0.02	0	0	0	0	0	0	0
9/30/2023 14:14	17802 GILB_T1	0	0	0	0	0	0	0.09	0.06	0	0	0	0	0
9/30/2023 14:15	52403 GRPA_T2	0	1	1	0	0.2	0.2	-0.47	-0.47	0	0	0	0	0
9/30/2023 14:15	40101 HUNT_T2	2	0	-2	0.15	0	-0.15	-0.7	-0.68	0	0	0	0	0
9/30/2023 14:15	45003 LIME_2	1	1	0	4.3	4.3	0	0	0	2	2	0	2400	2400
9/30/2023 14:16	40101 HUNT_T2	2	0	-2	0.15	0	-0.15	-0.7	-0.68	0	0	0	0	0
9/30/2023 14:16	17802 GILB_T1	0	1	1	0	0.2	0.2	0.18	0.12	0	0	0	0	0
9/30/2023 14:16	54701 NEBL_T1	0	0	0	0	0	0	0	0	1	1	0	600	600
9/30/2023 14:17	52502 PROG_T2	0	0	0	0	0	0	-0.54	-0.52	1	1	0	900	900
9/30/2023 14:17	17805 GILB_T2	0	0	0	0	0	0	0.32	0.32	0	0	0	0	0
9/30/2023 14:18	17804 GILB_T2	1	0	-1	0.3	0	-0.3	-0.54	-0.56	0	0	0	0	0
9/30/2023 14:19	17802 GILB_T1	0	1	1	0	0.2	0.2	0.09	0.06	0	0	0	0	0
9/30/2023 14:19	17805 GILB_T2	0	0	0	0	0	0	0.32	0.32	0	0	0	0	0
9/30/2023 14:20	67602 WARW_T2	0	0	0	0	0	0	0.52	0.51	1	1	0	1200	1200
9/30/2023 14:21	52502 PROG_T2	0	0	0	0	0	0	-0.54	-0.52	1	1	0	900	900
9/30/2023 14:22	43304 WATS_T2	0	0	0	0	0	0	0.18	0.17	0	0	0	0	0
9/30/2023 14:22	44904 SCOT_T1	0	0	0	0	0	0	-0.13	-0.11	0	0	0	0	0
9/30/2023 14:23	67402 WAKE_T2	1	1	0	7.3	7.3	0	0	0	0	0	0	0	0
9/30/2023 14:24	67503 WEWI_T2	0	0	0	0	0	0	-0.08	-0.1	0	0	0	0	0
9/30/2023 14:25	44801 EDAN_T2	1	1	0	0.6	0.4	-0.2	0	0	0	0	0	0	0
9/30/2023 14:25	67502 WEWI_T2	0	1	1	0	0.2	0.2	-1.39	-1.37	1	1	0	900	900
9/30/2023 14:27	67501 WEWI_T1	0	0	0	0	0	0	-0.57	-0.62	0	0	0	0	0
9/30/2023 14:27	67502 WEWI_T2	0	1	1	0	0.2	0.2	-2.78	-2.74	2	2	0	1800	1800
9/30/2023 14:28	67503 WEWI_T2	0	0	0	0	0	0	-0.08	-0.1	0	0	0	0	0
9/30/2023 14:28	67501 WEWI_T1	0	0	0	0	0	0	-0.57	-0.62	0	0	0	0	0
9/30/2023 14:28	44802 EDAN_T2	0	0	0	0	0	0	-3.96	-3.94	2	2	0	2400	2400
9/30/2023 14:28	67503 WEWI_T2	0	0	0	0	0	0	-0.08	-0.1	0	0	0	0	0
9/30/2023 14:29	40101 HUNT_T2	2	0	-2	0.15	0	-0.15	-1.36	-1.36	0	0	0	0	0
9/30/2023 14:29	67502 WEWI_T2	0	1	1	0	0.2	0.2	0	0	0	0	0	0	0
9/30/2023 14:30	17805 GILB_T2	0	0	0	0	0	0	0.32	0.3	0	0	0	0	0
9/30/2023 14:30	67502 WEWI_T2	1	0	-1	0.2	0	-0.2	-1.37	-1.38	1	1	0	900	900
9/30/2023 14:31	17802 GILB_T1	0	2	2	0	0.5	0.5	0.12	0.14	0	0	0	0	0
9/30/2023 14:31	40101 HUNT_T2	0	0	0	0	0	0	-0.68	-0.68	0	0	0	0	0
9/30/2023 14:32	54701 NEBL_T1	0	0	0	0	0	0	0	0	1	1	0	600	600
9/30/2023 14:33	17804 GILB_T2	0	0	0	0	0	0	-0.56	-0.56	0	0	0	0	0
9/30/2023 14:33	44901 SCOT_T2	0	1	1	0	0.1	0.1	-0.06	0.05	0	0	0	0	0
9/30/2023 14:33	44201 POIN_T1	0	0	0	0	0	0	-5.18	-4.84	4	4	0	4200	4200
9/30/2023 14:33	52503 PROG_T2	1	0	-1	0.2	0	-0.2	0	0	0	0	0	0	0
9/30/2023 14:34	17805 GILB_T2	0	0	0	0	0	0	0.32	0.3	0	0	0	0	0
9/30/2023 14:34	44201 POIN_T1	0	0	0	0	0	0	-2.59	-2.42	2	2	0	2100	2100
9/30/2023 14:34	13105 NHAM_T2	0	0	0	0	0	0	-0.21	-0.21	1	1	0	1200	1200
9/30/2023 14:35	52502 PROG_T2	0	0	0	0	0	0	-0.52	-0.46	1	1	0	900	900
9/30/2023 14:35	65802 RTWN_T2	0	0	0	0	0	0	-1.34	-1.34	0	0	0	0	0
9/30/2023 14:35	44201 POIN_T1	0	0	0	0	0	0	-2.59	-2.42	2	2	0	2100	2100
9/30/2023 14:36	49804 UNIV_T1	1	1	0	0.4	0.5	0.1	0	0	0	0	0	0	0
9/30/2023 14:36	44901 SCOT_T2	0	1	1	0	0.1	0.1	-0.06	0.05	0	0	0	0	0
9/30/2023 14:36	44201 POIN_T1	0	0	0	0	0	0	-2.59	-2.42	2	2	0	2100	2100
9/30/2023 14:37	52502 PROG_T2	0	0	0	0	0	0	-0.52	-0.46	1	1	0	900	900
9/30/2023 14:37	15001 BLMO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
9/30/2023 14:37	67605 WARW_T1	4	10	6	0.15	0.29	0.14	-1.24	-1.24	0	0	0	0	0
9/30/2023 14:38	46001 BERW_T1	0	0	0	0	0	0	0.67	0.66	0	0	0	0	0
9/30/2023 14:38	60803 BUCK_T1	0	0	0	0	0	0	-0.13	-0.15	0	0	0	0	0
9/30/2023 14:39	43301 WATS_T2	0	0	0	0	0	0	0.44	0.45	0	0	0	0	0
9/30/2023 14:39	67401 WAKE_T2	1	1	0	0.7	0.2	-0.5	-0.84	-0.88	0	0	0	0	0
9/30/2023 14:39	61703 ELIZ_T1	2	1	-1	0.45	0.3	-0.15	0	0	0	0	0	0	0
9/30/2023 14:39	46001 BERW_T1	0	0	0	0	0	0	0.67	0.66	0	0	0	0	0
9/30/2023 14:40	49804 UNIV_T1	1	1	0	0.4	0.5	0.1	0	0	0	0	0	0	0
9/30/2023 14:40	67502 WEWI_T2	1	0	-1	0.2	0	-0.2	-1.37	-1.38	1	1	0	900	900
9/30/2023 14:41	60803 BUCK_T1	0	0	0	0	0	0	-1.68	-1.56	2	2	0	1200	1200
9/30/2023 14:42	67502 WEWI_T2	1	0	-1	0.2	0	-0.2	-1.37	-1.38	1	1	0	900	900
9/30/2023 14:43	67502 WEWI_T2	1	0	-1	0.2	0	-0.2	-1.37	-1.38	1	1	0	900	900
9/30/2023 14:44	67502 WEWI_T2	1	0	-1	0.2	0	-0.2	-1.38	-1.39	1	1	0	900	900
9/30/2023 14:44	67503 WEWI_T2	0	0	0	0	0	0	-0.11	-0.23	0	0	0	0	0
9/30/2023 14:45	63203 MGTN_T1	0	0	0	0	0	0	-0.22	-0.21	1	1	0	600	600
9/30/2023 14:45	67503 WEWI_T2	0	1	1	0	0	0	-0.22	-0.45	0	0	0	0	0
9/30/2023 14:45	40101 HUNT_T2	0	0	0	0	0	0	-1.36	-1.38	0	0	0	0	0
9/30/2023 14:45	17805 GILB_T2	0	0	0	0	0	0	0.3	0.33	0	0	0	0	0
9/30/2023 14:45	67503 WEWI_T2	0	1	1	0	0	0	-0.22	-0.45	0	0	0	0	0
9/30/2023 14:45	17802 GILB_T1	1	2	1	0.2	0.55	0.35	0.07	0.09	0	0	0	0	0
9/30/2023 14:46	67502 WEWI_T2	0	2	2	0	0.2	0.2	0	0	0	0	0	0	0
9/30/2023 14:46	17802 GILB_T1	1	2	1	0.2	0.55	0.35	0.07	0.09	0	0	0	0	0
9/30/2023 14:47	44201 POIN_T1	0	0	0	0	0	0	-2.42	-2.63	2	2	0	2100	2100

9/30/2023 15:25	15001 BLMO_T1	1	1	0	0.2	0.1	-0.1	0	0	0	0	0	0	0	0
9/30/2023 15:26	42701 AUGU_T1	0	0	0	0	0	0	0	0	2	2	0	1800	1800	0
9/30/2023 15:28	61301 EARL_T1	0	0	0	0	0	0	-1.46	-1.43	2	2	0	1800	1800	0
9/30/2023 15:29	41801 GOCI_T2	1	1	0	0.1	0.1	0	0	0	0	0	0	0	0	0
9/30/2023 15:30	52402 GRPA_T2	1	1	0	4.2	4.3	0.1	0	0	0	0	0	0	0	0
9/30/2023 15:30	15001 BLMO_T1	1	0	-1	0.1	0	-0.1	0	0	0	0	0	0	0	0
9/30/2023 15:37	59202 THOM_T1	0	2	2	0	0.1	0.1	0	0	0	0	0	0	0	0
9/30/2023 15:38	45901 AUBU_T1	0	0	0	0	0	0	0.98	0.95	0	0	0	0	0	0
9/30/2023 15:41	45901 AUBU_T1	0	0	0	0	0	0	0.98	0.95	0	0	0	0	0	0
9/30/2023 15:53	56801 BENV_T1	17	20	3	1.01	0.85	-0.16	0	0	0	0	0	0	0	0
9/30/2023 15:54	56801 BENV_T1	0	1	1	0	0	0	0.41	0.39	0	0	0	0	0	0
9/30/2023 15:56	44502 HAMI_T2	1	1	0	2.1	2.1	0	-0.66	-0.66	0	0	0	0	0	0
9/30/2023 15:57	52403 GRPA_T2	1	0	-1	0.2	0	-0.2	-0.41	-0.45	0	0	0	0	0	0
9/30/2023 16:01	52402 GRPA_T2	1	1	0	3.7	3.4	-0.3	0	0	0	0	0	0	0	0
9/30/2023 16:06	61404 SLIT_T1	0	0	0	0	0	0	-1.06	-0.97	0	0	0	0	0	0
9/30/2023 16:21	14403 SSLA_T1	0	0	0	0	0	0	0.78	0.8	0	0	0	0	0	0
9/30/2023 16:22	14402 SSLA_T1	0	1	1	0	0.2	0.2	0	0	0	0	0	0	0	0
9/30/2023 16:52	49803 UNIV_T1	0	0	0	0	0	0	-0.86	-0.9	0	0	0	0	0	0
9/30/2023 18:01	58402 MORO_T1	1	0	-1	0.1	0	-0.1	-1.36	-1.41	2	2	0	1500	1500	0
9/30/2023 18:04	58401 MORO_T1	1	1	0	0.3	0.4	0.1	0	0	0	0	0	0	0	0
9/30/2023 18:47	65001 NEFF_T2	0	0	0	0	0	0	-1.1	-1.11	1	1	0	1200	1200	0
9/30/2023 19:30	45901 AUBU_T1	0	0	0	0	0	0	0.99	0.99	0	0	0	0	0	0
9/30/2023 19:40	67502 WEWI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9/30/2023 19:45	42503 ALTA_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9/30/2023 19:50	42601 TUSC_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9/30/2023 19:50	23301 JEFF_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9/30/2023 19:50	64101 REFR_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9/30/2023 19:54	26401 INOR_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9/30/2023 19:54	63401 HONY_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9/30/2023 19:55	67401 WAKE_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9/30/2023 19:57	65902 SAKR_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9/30/2023 19:57	56802 BENV_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9/30/2023 19:57	61001 DONV_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9/30/2023 19:57	54701 NEBL_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9/30/2023 19:57	60801 BUCK_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9/30/2023 19:58	61303 EARL_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9/30/2023 19:59	46203 DANV_T2	0	1	1	0	0	0	0	0	0	0	0	0	0	0
9/30/2023 19:59	44201 POIN_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9/30/2023 20:02	46302 ROHR_T1	4	4	0	1.58	1.55	-0.03	0	0	0	0	0	0	0	0
9/30/2023 20:22	42802 SELI_T1	1	1	0	0.2	0.5	0.3	-2.32	-2.3	0	0	0	0	0	0
9/30/2023 20:23	42802 SELI_T1	1	1	0	0.2	0.5	0.3	-1.16	-1.15	0	0	0	0	0	0
9/30/2023 20:27	60803 BUCK_T1	0	3	3	0	0.13	0.13	-0.91	-0.91	1	1	0	600	600	0
9/30/2023 20:35	67501 WEWI_T1	0	0	0	0	0	0	-0.7	-0.69	0	0	0	0	0	0
9/30/2023 20:37	17802 GILB_T1	0	0	0	0	0	0	0.1	0.08	0	0	0	0	0	0
9/30/2023 20:37	10801 CHHI_T1	0	0	0	0	0	0	-0.85	-0.7	1	1	0	900	900	0
9/30/2023 20:39	56501 ROCK_T2	0	0	0	0	0	0	-0.15	-0.41	0	0	0	0	0	0
9/30/2023 20:40	56501 ROCK_T2	0	0	0	0	0	0	-0.15	-0.41	0	0	0	0	0	0
9/30/2023 20:40	12701 MACU_T1	0	0	0	0	0	0	0.06	0.05	0	0	0	0	0	0
9/30/2023 20:41	17805 GILB_T2	0	0	0	0	0	0	0.23	0.22	0	0	0	0	0	0
9/30/2023 20:41	13503 MCMI_T2	0	0	0	0	0	0	-0.01	-0.01	0	0	0	0	0	0
9/30/2023 20:42	17805 GILB_T2	0	0	0	0	0	0	0.23	0.22	0	0	0	0	0	0
9/30/2023 20:42	15001 BLMO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9/30/2023 20:42	61203 MGTN_T1	0	0	0	0	0	0	-0.25	-0.26	1	1	0	600	600	0
9/30/2023 20:43	17802 GILB_T1	0	0	0	0	0	0	0.1	0.08	0	0	0	0	0	0
9/30/2023 20:43	44901 SCOT_T2	0	0	0	0	0	0	-0.42	-0.41	0	0	0	0	0	0
9/30/2023 20:44	13704 SCHN_T2	0	0	0	0	0	0	-0.33	-0.34	0	0	0	0	0	0
9/30/2023 20:44	17802 GILB_T1	0	0	0	0	0	0	0.16	0.14	0	0	0	0	0	0
9/30/2023 20:44	41801 GOCI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9/30/2023 20:45	13704 SCHN_T2	0	0	0	0	0	0	-0.33	-0.34	0	0	0	0	0	0
9/30/2023 20:45	20403 ASHF_T2	0	0	0	0	0	0	0.15	0.15	0	0	0	0	0	0
9/30/2023 20:46	45901 AUBU_T1	0	0	0	0	0	0	1.01	1.03	0	0	0	0	0	0
9/30/2023 20:46	45902 AUBU_T1	5	0	-5	0.1	0	-0.1	-0.62	-0.64	0	0	0	0	0	0
9/30/2023 20:46	64301 LIMC_T1	0	0	0	0	0	0	-0.45	-0.42	1	1	0	600	600	0
9/30/2023 20:46	66505 SMAN_T2	0	0	0	0	0	0	0.28	0.31	1	1	0	900	900	0
9/30/2023 20:46	44802 EDAN_T2	0	0	0	0	0	0	-2.07	-2.11	1	1	0	1200	1200	0
9/30/2023 20:47	52006 LING_T2	2	2	0	0.45	0.5	0.05	0	0	0	0	0	0	0	0
9/30/2023 20:47	44201 POIN_T1	0	0	0	0	0	0	-1.9	-1.81	1	1	0	900	900	0
9/30/2023 20:47	66504 SMAN_T2	0	0	0	0	0	0	-1.56	-1.67	1	1	0	1200	1200	0
9/30/2023 20:48	29401 BELT_T1	0	0	0	0	0	0	0	0	1	1	0	900	900	0
9/30/2023 20:48	41801 GOCI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9/30/2023 20:48	61303 EARL_T1	0	0	0	0	0	0	0.08	0.08	0	0	0	0	0	0
9/30/2023 20:48	67503 WEWI_T2	0	0	0	0	0	0	-0.09	-0.25	0	0	0	0	0	0
9/30/2023 20:48	44601 SALE_T2	1	1	0	0.3	0.2	-0.1	-0.08	-0.07	0	0	0	0	0	0
9/30/2023 20:48	28805 LAKE_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9/30/2023 20:49	67502 WEWI_T2	153	164	11	0.24	0.22	-0.02	-1.44	-1.43	1	1	0	900	900	0
9/30/2023 20:49	15001 BLMO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9/30/2023 20:50	28805 LAKE_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9/30/2023 20:50	67605 WARW_T1	0	0	0	0	0	0	-1.16	-1.18	0	0	0	0	0	0
9/30/2023 20:50	64101 REFR_T1	3	3	0	7.07	6.83	-0.24	-0.06	-0.08	0	0	0	0	0	0
9/30/2023 20:51	41901 REED_T1	0	1	1	0	0.1	0.1	-2.07	-2.09	1	1	0	900	900	0
9/30/2023 20:51	45902 AUBU_T1	5	0	-5	0.1	0	-0.1	-0.62	-0.64	0	0	0	0	0	0
9/30/2023 20:51	64101 REFR_T1	3	3	0	7.07	6.83	-0.24	-0.06	-0.08	0	0	0	0	0	0
9/30/2023 20:51	17804 GILB_T2	0	0	0	0	0	0	-0.56	-0.56	0	0	0	0	0	0
9/30/2023 20:51	46001 BERW_T1	0	1	1	0	0	0	0.55	0.51	0	0	0	0	0	0
9/30/2023 20:51	44904 SCOT_T1	0	0	0	0	0	0	-0.17	-0.15	0	0	0	0	0	0
9/30/2023 20:51	15001 BLMO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9/30/2023 20:51	52502 PROG_T2	0	0	0	0	0	0	-0.52	-0.53	1	1	0	900	900	0
9/30/2023 20:52	44302 BEAV_T2	271	331	60	0.6	0.63	0.03	0.6	0.58	0	0	0	0	0	0
9/30/2023 20:52	28604 BLYT_T2	0	0	0	0	0	0	-1.34	-1.36	0	0	0	0	0	0
9/30/2023 20:52	40101 HUNT_T2	0	0	0	0	0	0	-0.76	-0.77	0	0	0	0	0	0
9/30/2023 20:52	56802 BENV_T2	1	1	0	0.4	0.4	0	-1.38	-1.36	0	0	0	0	0	0
9/30/2023 20:53	45001 LIME_2	0	8	8	0	0.16	0.16	0	0	0	0	0	0	0	0
9/30/2023 20:53	44201 POIN_T1	0	0	0	0	0	0	-1.9	-1.81	1	1	0	900	900	0
9/30/2023 20:53	63404 HONY_T1	48	124	76	0.55	0.43	-0.12	0	0	0	0	0	0	0	0
9/30/2023 20:53	12701 MACU_T1	0	0	0	0	0	0	0.05	0.05	0	0	0	0	0	0
9/30/2023 20:53	13103 NHAM_T2	0	1	1	0	0	0	0	0	0	0	0	0	0	0
9/30/2023 20:53	15001 BLMO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9/30/2023 20:54	64101 REFR_T1	3	3	0	7.07	6.83	-0.24	-0.06	-0.08	0	0	0	0	0	0
9/30/2023 20:54	41602 CLEV_T1	0	0	0	0	0	0	0	0	1	1	0	600	600	0
9/30/2023 20:54	15001 BLMO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9/30/2023 20:54	28604 BLYT_T2	0	0	0	0	0	0	-1.34	-1.36	0	0	0	0	0	0
9/30/2023 20:55	59201 THOM_T1	0	2	2	0	0.1	0.1	0	0	0	0	0	0	0	0
9/30/2023 20:55	67602 WARW_T2	0	0	0	0	0	0	0.34	0.34	1	1	0	1200	1200	0
9/30/2023 20:55	52502 PROG_T2	0	0	0	0	0	0	-0.52	-0.53	1	1	0	900	900	0
9/30/2023 20:56	64101 REFR_T1	3	3	0	7.07	6.83	-0.24	-0.06	-0.08	0	0	0	0	0	0
9/30/2023 20:56	67203 TEHI_T1	1	1	0	0	0	0	0.9	0.92	0	0	0	0	0	0
9/30/2023 20:56	44201 POIN_T1	0	0	0	0	0	0	-1.9	-1.81	1	1	0	900	900	0
9/30/2023 20:56	46001 BERW_T1	0	1	1	0	0	0	0.55	0.51	0	0	0	0	0	0
9/30/2023 20:56	42201 SHEN_T2	0	0	0	0	0	0	0.34	0.33	0	0	0	0	0	0
9/30/2023 20:57	56802 BENV_T2	1	1	0	0.4	0.4	0	-1.38	-1.36	0	0	0	0	0	0
9/30/2023 20:57	43301 WATS_T2	0	1	1	0	0.4	0.4	0.41	0.38	0	0	0	0	0	0
9/30/2023 20:58	56802 BENV_T2	1	1	0	0.4	0.4	0	-2.76	-2.72	0	0	0	0	0	0
9/30/2023 20:58	56803 BENV_T1	0	0	0	0	0	0	0.3	0.21	0	0	0	0	0	0
9/30/2023 20:59	44201 POIN_T1	0	0	0	0	0	0	-1.81	-2.06	1	1	0	900	900	0
9/30/2023 20:59	59101 WALK_T2	1	1	0	0	0	0	0.86	0.92	1	1	0	450	450	0
9/30/2023 21:00	46801 HEPB_T2	2	2	0	0.45	0.65	0.2	0.7	0.64	0	0	0	0	0	0
9/30/2023 21:00	40101 HUNT_T2	0	0	0	0	0	0	-0.77	-0.76	0	0	0	0	0	0
9/30/2023 21:00	56802 BENV_T2	1	1	0	0.4	0.7	0.3	-1.36	-1.37	0	0	0	0	0	0
9/30/2023 21:00	41402 BENT_T1	0	0	0	0	0	0	-0.94	-0.94	1	1	0	900	900	0
9/30/2023 21:01	41801 GOCI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9/30/2023 21:01	44302 BEAV_T2	300	458	158	0.65	0.61	-0.04	0.29	0.28	0	0	0	0	0	0
9/30/2023 21:03	44301 BEAV_T2	8	13	5	0.59	0.6	0.01	0	0	0	0	0	0	0	0
9/30/2023 21:07	59101 WALK_T2	1	1	0	0	0	0	0.86	0.92	1	1	0	450	450	0
9/30/2023 21:28	43402 BENT_T1	0	0	0	0	0	0	-0.94	-0.95	1	1	0	900	900	0
10/1/2023 0:01	65001 NEFF_T2	0	21	21	0	0.12	0.12	-1.37	-1.41	1	1	0	1200	1200	0
10/1/2023 0:04	65003 NEFF_T2	0	4	4	0	0.18	0.18	0	0	0	0	0	0	0	0
10/1/2023 0:28	61301 EARL_T1	0	0	0	0	0	0	0.14	0.13	0	0	0	0	0	0
10/1/2023 0:28	46001 BERW_T1	0	0	0	0	0	0	0.8	0.82	0	0	0	0	0	0
10/1/2023 0:28	65902 SAKR_T2	0	0	0	0	0	0	0.01	0	0	0	0	0	0	0
10/1/2023 0:28	42001 MNVL_T2	0	0	0	0	0	0	-0.07	-0.07	0	0	0	0	0	0
10/1/2023 0:28	52403 GRPA_T2	0	0	0	0	0	0	-0.22	-0.2	0	0	0	0	0	0
10/1/2023 0:28	54701 NEBL_T1	0	0	0	0	0	0	0	0	1	1	0	600	600	0
10/1/2023 0:28	40101 HUNT_T2	0	0	0	0	0	0	-1.7	-1.7	0	0	0	0	0	0
10/1/2023 0:28	65902 SAKR_T2	0	0	0	0	0	0	0.01	0	0	0	0	0	0	0
10/1/2023 0:28	42902 MIDD_T2	436	504	68	0.81	0.87	0.06	-0.74	-0.72	0	0	0	0	0	0
10/1/2023 0:28	67503 WEWI_T2	0	0	0	0	0	0	-0.97	-1.03	0	0	0	0	0	0
10/1/2023 0:28	64801 MONE_T2	0	0	0	0	0	0	0.28	0.28	0	0	0	0	0	0
10/1/2023 0:28	67401 WAKE_T2	0	0	0	0	0	0	-0.96	-1	0	0	0	0	0	0
10/1/2023 0:28	67501 WEWI_T1	0	0	0	0	0	0	-0.87	-0.9	0	0	0	0	0	0
10/1/2023 0:28	44801 EDAN_T2	1	1	0	0.6	0.2	-0.4	0	0	0	0	0	0	0	0
10/1/2023 0:28	42802 SELI_T1	7	10	3	0.14	0.17	0.03	-1.33	-1.34	0	0	0	0	0	0
10/1/2023 0:28	52004 LING_T2	0	1	1	0	0.1	0.1	0.09	0.09	0	0	0	0	0	0
10/1/2023 0:28	43202 MVIL_T2	52	53	1	0.22	0.2	-0.02	-1.48	-1.52	0	0	0	0	0	0
10/1/2023 0:28	44601 SALE_T2	0	0	0	0	0	0	-0.18	-0.21	0	0	0	0	0	0
10/1/2023 0:28	15001 BLMO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/1/2023 0:28	45702 LIND_T2	1	1	0	0.6	0.6	0	-0.52	-0.52	0	0	0	0	0	0
10/1/2023 0:28	43301 WATS_T2	1	1	0	0.2	0.5	0.3	0	0	0	0	0	0	0	0
10/1/2023 0:28	59101 WALK_T2	1	1	0	0	0	0	4.6	4.72	0	0	0	0	0	0
10/1/2023 0:28	52502 PROG_T2	0	0	0	0	0	0	0.24	0.27	0	0	0	0	0	0
10/1/2023 0:28	56802 BENV_T2	1	1	0	0.6	0.8	0.2	-1.43	-1.47	0	0	0	0	0	0
10/1/2023 0:28	67502 WEWI_T2	0	0	0	0	0	0	-6.24	-6.36	4	4	0	3600	3600	0
10/1/2023 0:28	60803 BUCK_T1	4	7	3	0.25	0.26	0.01	-1.1	-1.05	1	1	0	600	600	0
10/1/2023 0:28	61703 ELIZ_T1	0	58	58	0	0.12	0.12	0	0	0	0	0	0	0	0
10/1/2023 0:28	65003 NEFF_T2	4	4	0	0.18	0.15	-0.03	0	0	0	0	0	0	0	0
10/1/2023 0:28	26603 BROO_T1	0	0	0	0	0	0	0.66	0.66	0	0	0	0	0	0
10/1/2023 0:28	61304 EARL_T1	15	45	30	0.12	0.16	0.04	0	0	0	0	0	0	0	0
10/1/2023 0:28	48302 ORWI_T2	2	2	0	0.65	0.65	0	-0.15	-0.12	0	0	0	0	0	0
10/1/2023 0:28	44302 BEAV_T2	538	580	42	0.87	1.02	0.15	0.26	0.24	0	0	0	0	0	0
10/1/2023 0:28	46506 LOHA_T1	0	0	0	0	0	0	-0.5	-0.5	0	0	0	0	0	0
10/1/2023 0:28	20403 ASHF_T2	0	0	0	0	0	0	0.09	0.07	0	0	0	0	0	0
10/1/2023 0:28	44201 POIN_T1	0	0	0	0	0	0	-1.05	-1.11	0	0	0	0	0	0
10/1/2023 0:28	45902 AUBU_T1	143	68	-75	0.2	0.22	0.02	-0.76	-0.78	0	0	0	0	0	0
10/1/2023 0:28	44501 HAMI_T2	20	17	-3	0.14	0.1	-0.04	0	0	0	0	0	0	0	0
10/1/2023 0:28	44901 SCOT_T2	3	0	-3	0.1	0	-0.1	-0.38	-0.53	0	0	0	0	0	0
10/1/2023 0:28	58402 MORO_T1	0	0	0	0	0	0	-4.62	-4.56	6	6	0	4500	4500	0
10/1/2023 0:28	60803 BUCK_T1	4	7	3	0.25	0.26	0.01	-1.1	-1.05	1	1	0	600	600	0
10/1/2023 0:28	61801 EELI_T2	0	2	2	0	0.35	0.35	-0.84	-0.87	0	0	0	0	0	0
10/1/2023 0:28	65802 RTWN_T2	0	0	0	0	0	0	-0.49	-0.51	0	0	0	0	0	0
10/1/2023 0:28	56801 BENV_T1	28	37	9	0.64	0.77	0.13	0	0	0	0	0	0	0	0
10/1/2023 0:28	12701 MACU_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/1/2023 0:28	23401 HONE_T2	1	1	0	0.9	1.3	0.4	-0.06	-0.08	0	0	0	0	0	0
10/1/2023 0:28	45003 LIME_2	1	1	0	4	4.4	0.4	0	0	0	0	0	0	0	0
10/1/2023 0:28	28403 HART_T2	0	0	0	0	0	0	-1.5	-1.46	2	2	0	1800	1800	0
10/1/2023 0:28	64101 REFR_T1	3	3	0	8.93	9.43	0.5	0.08	-0.02	0	0	0	0	0	0
10/1/2023 0:28	49803 UNIV_T1	1	0	-1	0.2	0	-0.2	-2.58	-2.66	0	0	0	0	0	0
10/1/2023 0:28	41602 CLEV_T1	0	0	0	0	0	0	0	0	4	4	0	2400	2400	0
10/1/2023 0:28	42701 AUGU_T1	1	1	0	0.2	0.5	0.3	0	0	6	6	0	5400	5400	0
10/1/2023 0:28	66505 SMAN_T2	3	3	0	0.83	0.97	0.14	-0.23	-0.15	1	1	0	900	900	0
10/1/2023 0:28	59402 RFLD_T2	10	40	30	0.18	0.21	0.03	-1.27	-1.29	1	1	0	450	450	0
10/1/2023 0:28	66703 STRA_T1	1	1	0	0.1	0.2	0.1	-0.43	-0.37	0	0	0	0	0

Appendix C - Grid Benefits Achieved in Each Instance of Active Management

10/1/2023 10:00	59101 WALK_T2	1	1	0	0	0	0	1.38	1.33	0	0	0	0	0	0
10/1/2023 10:00	53901 HAU_T2	0	1	1	0	0.8	0.8	0	0	0	0	0	0	0	0
10/1/2023 10:00	64101 REFR_T1	3	3	0	7.5	7.33	-0.17	0.09	0.06	0	0	0	0	0	0
10/1/2023 10:00	23301 JEFF_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/1/2023 10:00	26401 INOR_T1	1	30	29	0.2	0.18	-0.02	0	0	0	0	0	0	0	0
10/1/2023 10:00	12604 MACA_T1	0	0	0	0	0	0	0.28	0.36	0	0	0	0	0	0
10/1/2023 10:00	56601 HAMP_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/1/2023 10:00	42401 GIMA_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/1/2023 10:00	13503 MCMI_T2	0	0	0	0	0	0	-0.01	-0.01	0	0	0	0	0	0
10/1/2023 10:00	54701 NEBL_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/1/2023 10:07	26603 BROO_T1	0	0	0	0	0	0	0.09	0.08	0	0	0	0	0	0
10/1/2023 10:07	60801 BUCK_T1	0	0	0	0	0	0	-0.16	-0.16	0	0	0	0	0	0
10/1/2023 10:07	59102 WALK_T2	0	1	1	0	0.3	0.3	0	0	0	0	0	0	0	0
10/1/2023 10:08	59102 WALK_T2	0	1	1	0	0.3	0.3	0	0	0	0	0	0	0	0
10/1/2023 10:08	67502 WEWI_T2	3	3	0	0.27	0.13	-0.14	0	0	0	0	0	0	0	0
10/1/2023 10:08	67401 WAKE_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/1/2023 10:08	56802 BENV_T2	0	0	0	0	0	0	-0.77	-0.79	0	0	0	0	0	0
10/1/2023 10:10	26603 BROO_T1	0	0	0	0	0	0	0.09	0.08	0	0	0	0	0	0
10/1/2023 10:10	20403 ASHF_T2	0	0	0	0	0	0	0.16	0.17	0	0	0	0	0	0
10/1/2023 10:10	56802 BENV_T2	0	0	0	0	0	0	-0.77	-0.79	0	0	0	0	0	0
10/1/2023 10:12	23401 HONE_T2	0	0	0	0	0	0	0	-0.03	0	0	0	0	0	0
10/1/2023 10:12	40101 HUNT_T2	0	0	0	0	0	0	-0.78	-0.77	0	0	0	0	0	0
10/1/2023 10:13	46801 HEPB_T2	2	2	0	0.4	0.25	-0.15	0.68	0.6	0	0	0	0	0	0
10/1/2023 10:13	61302 EARL_T1	1	1	0	0.2	0.6	0.4	0	0	0	0	0	0	0	0
10/1/2023 10:14	17804 GILB_T2	1	1	0	0.8	1	0.2	-0.54	-0.55	0	0	0	0	0	0
10/1/2023 10:14	28805 LAKE_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/1/2023 10:15	28805 LAKE_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/1/2023 10:15	46801 HEPB_T2	2	2	0	0.25	0.15	-0.1	0.6	0.62	0	0	0	0	0	0
10/1/2023 10:17	42002 MNVL_T2	1	1	0	3	3.2	0.2	0	0	0	0	0	0	0	0
10/1/2023 10:17	43202 MVIL_T2	17	27	10	0.21	0.21	0	-0.7	-0.7	0	0	0	0	0	0
10/1/2023 10:19	43202 MVIL_T2	17	27	10	0.21	0.21	0	-0.7	-0.7	0	0	0	0	0	0
10/1/2023 10:20	46302 ROHR_T1	3	5	-2	2	1.54	-0.46	0	0	0	0	0	0	0	0
10/1/2023 10:20	67502 WEWI_T2	2	4	2	0.1	0.18	0.08	-1.5	-1.45	1	1	0	900	900	0
10/1/2023 10:21	15001 BLMO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/1/2023 10:22	56803 BENV_T1	1	1	0	1	0	-1	0.23	0.24	0	0	0	0	0	0
10/1/2023 10:22	58003 WCAR_T1	1	2	0	1.6	1.6	0	0.55	0.56	0	0	0	0	0	0
10/1/2023 10:22	67502 WEWI_T2	2	4	2	0.1	0.18	0.08	-1.5	-1.45	1	1	0	900	900	0
10/1/2023 10:23	45902 AUBU_T1	0	1	1	0	0.3	0.3	-0.66	-0.64	0	0	0	0	0	0
10/1/2023 10:23	59201 THOM_T1	2	1	-1	0.45	0.7	0.25	0	0	0	0	0	0	0	0
10/1/2023 10:23	66505 SMAN_T2	0	0	0	0	0	0	0.47	0.59	2	2	0	1100	1100	0
10/1/2023 10:23	56501 ROCK_T2	3	1	-2	0.2	0.2	0	-0.36	-0.36	0	0	0	0	0	0
10/1/2023 10:24	45902 AUBU_T1	0	1	1	0	0.3	0.3	-0.66	-0.64	0	0	0	0	0	0
10/1/2023 10:24	15001 BLMO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/1/2023 10:25	15001 BLMO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/1/2023 10:26	17802 GILB_T1	0	0	0	0	0	0	0.14	0.18	0	0	0	0	0	0
10/1/2023 10:26	56801 BENV_T1	14	25	11	0.51	0.54	0.03	0	0	0	0	0	0	0	0
10/1/2023 10:27	17802 GILB_T1	0	0	0	0	0	0	0.07	0.09	0	0	0	0	0	0
10/1/2023 10:28	45003 LIME_2	1	1	0	3.1	3.1	0	0	0	0	0	0	0	0	0
10/1/2023 10:29	43402 BENT_T1	3	7	4	0.53	0.5	-0.03	-0.95	-0.94	1	1	0	900	900	0
10/1/2023 10:29	45003 LIME_2	1	1	0	3.1	3.1	0	0	0	0	0	0	0	0	0
10/1/2023 10:30	52403 GRPA_T2	3	4	1	0.5	0.8	0.3	0.02	0	0	0	0	0	0	0
10/1/2023 10:31	28403 HART_T2	0	0	0	0	0	0	-0.65	-0.64	1	1	0	900	900	0
10/1/2023 10:32	45702 LIND_T2	0	0	0	0	0	0	-0.53	-0.52	0	0	0	0	0	0
10/1/2023 10:34	45402 WBLO_T2	0	1	1	0	0.7	0.7	0	0	0	0	0	0	0	0
10/1/2023 10:39	49803 UNIV_T1	0	1	1	0	0.1	0.1	-1.07	-1.05	0	0	0	0	0	0
10/1/2023 10:39	28602 BLYT_T2	0	1	1	0	0.1	0.1	0	0	0	0	0	0	0	0
10/1/2023 10:39	15001 BLMO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/1/2023 10:43	41801 GOCI_T2	26	28	2	0.3	0.3	0	0	0	0	0	0	0	0	0
10/1/2023 10:44	40101 HUNT_T2	0	0	0	0	0	0	-0.73	-0.71	0	0	0	0	0	0
10/1/2023 10:45	41801 GOCI_T2	27	41	14	0.26	0.29	0.03	0	0	0	0	0	0	0	0
10/1/2023 10:47	42903 MIDD_T2	36	33	-3	0.37	0.39	0.02	0	0	0	0	0	0	0	0
10/1/2023 10:48	52502 PROG_T2	0	0	0	0	0	0	-0.6	-0.55	1	1	0	900	900	0
10/1/2023 10:49	66504 SMAN_T2	0	0	0	0	0	0	-0.3	-0.33	0	0	0	0	0	0
10/1/2023 10:49	54701 NEBL_T1	0	0	0	0	0	0	0	0	1	1	0	600	600	0
10/1/2023 10:51	44902 SCOT_T2	4	4	0	0.45	0.48	0.03	0	0	0	0	0	0	0	0
10/1/2023 10:53	56802 BENV_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/1/2023 10:54	67502 WEWI_T2	0	0	0	0	0	0	-0.25	-0.24	0	0	0	0	0	0
10/1/2023 10:54	61302 EARL_T1	1	3	2	0.6	1.13	0.53	0	0	0	0	0	0	0	0
10/1/2023 10:54	44801 EDAN_T2	2	2	0	0.95	0.5	-0.45	0	0	0	0	0	0	0	0
10/1/2023 10:54	56802 BENV_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/1/2023 10:55	44801 EDAN_T2	2	2	0	0.95	0.5	-0.45	0	0	0	0	0	0	0	0
10/1/2023 10:55	56802 BENV_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/1/2023 10:59	52006 LING_T2	2	2	0	0.2	0.15	-0.05	0	0	0	0	0	0	0	0
10/1/2023 10:59	44801 EDAN_T2	2	2	0	0.95	0.5	-0.45	0	0	0	0	0	0	0	0
10/1/2023 11:01	58402 MORO_T1	0	0	0	0	0	0	-2.96	-2.96	4	4	0	3000	3000	0
10/1/2023 11:03	46301 ROHR_T1	1	1	0	0.4	0.3	-0.1	0	0	0	0	0	0	0	0
10/1/2023 11:04	65803 RTWN_T2	0	1	1	0	0.3	0.3	0	0	0	0	0	0	0	0
10/1/2023 11:05	44601 SALE_T2	1	0	-1	0.1	0	-0.1	-0.22	-0.06	0	0	0	0	0	0
10/1/2023 11:06	67402 WAKE_T2	1	1	0	5.8	6.7	0.9	0	0	0	0	0	0	0	0
10/1/2023 11:07	49803 UNIV_T1	1	0	-1	0.1	0	-0.1	-1.03	-0.94	0	0	0	0	0	0
10/1/2023 11:07	67502 WEWI_T2	2	7	5	0.25	0.23	-0.02	0	0	0	0	0	0	0	0
10/1/2023 11:07	45901 AUBU_T1	0	0	0	0	0	0	0.94	0.97	0	0	0	0	0	0
10/1/2023 11:07	42002 MNVL_T2	1	1	0	2.6	3.3	0.7	-0.69	-0.95	0	0	0	0	0	0
10/1/2023 11:09	58003 WCAR_T1	1	5	4	1.6	0.48	-1.12	0.57	0.62	0	0	0	0	0	0
10/1/2023 11:09	40702 FLD_T1	0	0	0	0	0	0	-1.23	0	1	1	0	1200	1200	0
10/1/2023 11:10	44302 BEAV_T2	191	203	12	0.45	0.39	-0.06	0.84	0.9	0	0	0	0	0	0
10/1/2023 11:12	61001 DONV_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/1/2023 11:19	46302 ROHR_T1	5	5	0	1.36	1.26	-0.1	0	0	0	0	0	0	0	0
10/1/2023 11:19	28403 HART_T2	0	0	0	0	0	0	-0.6	-0.59	1	1	0	900	900	0
10/1/2023 11:39	67503 WEWI_T2	0	0	0	0	0	0	-0.22	-0.1	0	0	0	0	0	0
10/1/2023 11:39	29402 BELT_T1	0	103	103	0	0.64	0.64	0	0	0	0	0	0	0	0
10/1/2023 11:40	28601 BLYT_T2	0	1	1	0	1.4	1.4	0	0	0	0	0	0	0	0
10/1/2023 11:40	59301 MCAL_T1	3	5	2	0.7	0.62	-0.08	0	0	0	0	0	0	0	0
10/1/2023 11:42	24901 WHHS_T1	1	2	1	0.7	0.4	-0.3	0.57	0.57	0	0	0	0	0	0
10/1/2023 11:42	10801 CHHI_T1	5	5	0	0.52	0.72	0.2	-1.35	-1.31	2	2	0	1500	1500	0
10/1/2023 11:45	52402 GRPA_T2	1	1	0	3.1	3.5	0.4	0	0	0	0	0	0	0	0
10/1/2023 11:45	61801 EELI_T2	2	2	0	0.45	0.5	0.05	-0.62	-0.63	1	1	0	600	600	0
10/1/2023 11:45	66701 STRA_T1	1	1	0	0.6	0.6	0	0	0	0	0	0	0	0	0
10/1/2023 11:45	29402 BELT_T1	103	83	-20	0.62	0.54	-0.08	0	0	0	0	0	0	0	0
10/1/2023 11:46	52402 GRPA_T2	1	1	0	3.1	3.5	0.4	0	0	0	0	0	0	0	0
10/1/2023 11:46	40702 FLD_T1	0	0	0	0	0	0	0	0	1	1	0	1200	1200	0
10/1/2023 11:46	48302 ORWI_T2	2	2	0	0.6	0.7	0.1	0.01	0.05	0	0	0	0	0	0
10/1/2023 11:46	23401 HONE_T2	2	4	2	0.1	0.3	0.2	0.01	0	0	0	0	0	0	0
10/1/2023 11:46	65003 NEFF_T2	0	1	1	0	0.5	0.5	0	0	0	0	0	0	0	0
10/1/2023 11:47	65003 NEFF_T2	0	1	1	0	0.5	0.5	0	0	0	0	0	0	0	0
10/1/2023 11:49	59202 THOM_T1	10	10	0	0.43	0.33	-0.1	0	0	0	0	0	0	0	0
10/1/2023 11:50	59402 RFLD_T2	5	7	2	0.48	0.41	-0.07	-1.22	-1.22	1	1	0	450	450	0
10/1/2023 11:50	52502 PROG_T2	0	0	0	0	0	0	-1.01	-0.99	2	2	0	1800	1800	0
10/1/2023 11:50	41901 REED_T1	0	1	1	0	0.1	0.1	-2.03	-2.02	1	1	0	900	900	0
10/1/2023 11:51	46001 BERW_T1	0	0	0	0	0	0	0.57	0.58	0	0	0	0	0	0
10/1/2023 11:52	44301 BEAV_T2	18	19	1	0.44	0.5	0.06	-0.3	-0.28	0	0	0	0	0	0
10/1/2023 11:52	44301 BEAV_T2	18	19	1	0.44	0.5	0.06	-0.3	-0.28	0	0	0	0	0	0
10/1/2023 11:52	46001 BERW_T1	0	0	0	0	0	0	0.57	0.58	0	0	0	0	0	0
10/1/2023 11:53	44301 BEAV_T2	18	19	1	0.44	0.5	0.06	0	0	0	0	0	0	0	0
10/1/2023 11:53	56802 BENV_T2	2	3	1	0.35	0.3	-0.05	-1.34	-1.33	0	0	0	0	0	0
10/1/2023 11:54	44302 BEAV_T2	411	444	33	0.5	0.57	0.07	0.31	0.32	0	0	0	0	0	0
10/1/2023 11:54	44302 BEAV_T2	411	444	33	0.5	0.57	0.07	0.31	0.32	0	0	0	0	0	0
10/1/2023 11:54	56803 BENV_T1	1	0	-1	0.1	0	-0.1	0.33	0.34	0	0	0	0	0	0
10/1/2023 11:54	56802 BENV_T2	2	3	1	0.35	0.3	-0.05	-1.34	-1.33	0	0	0	0	0	0
10/1/2023 11:55	28601 BLYT_T2	1	1	0	1.4	1.3	-0.1	0	0	0	0	0	0	0	0
10/1/2023 11:55	56802 BENV_T2	2	3	1	0.35	0.3	-0.05	-1.34	-1.33	0	0	0	0	0	0
10/1/2023 11:55	20403 ASHF_T2	0	0	0	0	0	0	0.3	0.38	0	0	0	0	0	0
10/1/2023 11:56	26603 BROO_T1	0	0	0	0	0	0	0.14	0.1	0	0	0	0	0	0
10/1/2023 11:56	23401 HONE_T2	2	4	2	0.1	0.3	0.2	0.01	0	0	0	0	0	0	0
10/1/2023 11:56	44302 BEAV_T2	411	444	33	0.5	0.57	0.07	0	0	0	0	0	0	0	0
10/1/2023 11:56	56802 BENV_T2	2	3	1	0.35	0.3	-0.05	-1.34	-1.33	0	0	0	0	0	0
10/1/2023 11:57	56802 BENV_T2	2	3	1	0.35	0.3	-0.05	-1.34	-1.33	0	0	0	0	0	0
10/1/2023 11:58	26603 BROO_T1	0	2	0	0	0.3	0	0.14	0.1	0	0	1	0	0	450
10/1/2023 12:01	42401 GIMA_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/1/2023 12:02	41902 REED_T1	0	0	0	0	0	0	0.88	0.9	0	0	0	0	0	0
10/1/2023 12:03	41902 REED_T1	0	0	0	0	0	0	0.88	0.9	0	0	0	0	0	0
10/1/2023 12:04	59201 THOM_T1	1	1	0	0.3	1.1	0.8	0	0	0	0	0	0	0	0
10/1/2023 12:04	41901 REED_T1	1	1	0	0.1	0.1	0	0	0	0	0	0	0	0	0
10/1/2023 12:06	65003 NEFF_T2	1	1	0	0.3	0.5	0.2	0	0	0	0	0	0	0	0
10/1/2023 12:06	46302 ROHR_T1	5	5	0	1.22	1.3	0.08	0	0	0	0	0	0	0	0
10/1/2023 12:07	40702 FLD_T1	0	0	0	0	0	0	0	0	1	1	0	1200	1200	0
10/1/2023 12:07	41901 REED_T1	1	1	0	0.1	0.1	0	-2.02	-2.03	1	1	0	900	900	0
10/1/2023 12:09	26603 BROO_T1	0	0	0	0	0	0	0.1	0.11	0	0	0	0	0	0
10/1/2023 12:12	23401 HONE_T2	0	4	4	0	0.45	0.45	0	0	0	0	0	0	0	0
10/1/2023 12:12	26603 BROO_T1	0	0	0	0	0	0	0.1	0.11	0	0	0	0	0	0
10/1/2023 12:19	60305 TWVA_T2	0	0	0	0	0	0	-1.68	-1.68	2	2	0	2400	2400	0
10/1/2023 12:23	46001 BERW_T1	0	0	0	0	0	0	0.61	0.62	0	0	0	0	0	0
10/1/2023 12:24	46001 BERW_T1	0	0	0	0	0	0	0.61	0.62	0	0	0	0	0	0
10/1/2023 12:27	54504 ENOL_T2	0	0	0	0	0	0	-1.45	-1.5	1	1	0	600	600	0
10/1/2023 12:31	65001 NEFF_T2	0	0	0	0	0	0	-0.92	-0.87	1	1	0	1200	1200	0
10/1/2023 12:31	48302 ORWI_T2	1	1	0	0.2	0.4	0.2	0.05	0.07	0	0	0	0	0	0
10/1/2023 12:43	52401 GRPA_T2	0	0	0	0	0	0	-0.41	-0.4	0	0	0	0	0	0
10/1/2023 12:43	52402 GRPA_T2	1	1	0	2.6	2.7	0.1	0	0	0	0	0	0	0	0
10/1/2023 12:44	52402 GRPA_T2	1	1	0	2.6	2.7	0.1	0	0	0	0	0	0	0	0
10/1/2023 12:46	48302 ORWI_T2	1	1	0	0.4	0.2	-0.2	0.07	0.08	0	0	0	0	0	0
10/1/2023 12:48	46302 ROHR_T1	5	4	-1	1.48	1.1	-0.38	0	0	0	0	0	0	0	0
10/1/2023 12:49	14801 TREI_T2	0	1	1	0	0.4	0.4	0	0	0	0	0	0	0	0
10/1/2023 12:51	65001 NEFF_T2	0	0	0	0	0	0	-0.87	-0.87	1	1	0	1200	1200	0
10/1/2023 12:51	14802 TREI_T2	0	4	4	0	0.4	0.4	0.49	0.51	0	0	0	0	0	0
10/1/2023 12:52	46004 BERW_T2	1	1	0	1.4	1.4	0	0	0	0	0	0	0	0	0
10/1/2023 12:53	28604 BLYT_T2	0	0	0	0	0	0	-1.32	-1.31	0	0	0	0	0	0
10/1/2023 13:00	61203 MGTN_T1	0	0	0	0	0	0	-0.18	-0.2	1	1	0	600	600	0
10/1/2023 13:01	65001 NEFF_T2	0	0	0	0	0	0	-0.87	-0.81	1	1	0	1200	1200	0
10/1/2023 13:04	41902 REED_T1	0	1	1	0	0	0	0	0	0	0	0	0	0	0
10/1/2023 13:08	29402 BELT_T1	88	86	-2	0.43	0.42	-0.01	0	0	0	0	0	0	0	0
10/1/2023 13:10	26603 BROO_T1	0	0	0	0	0	0	0.16	0.13	0	0	0	0	0	0
10/1/2023 13:11	26601 BROO_T1	0	1	1	0	0	0	0	0	0	0	0	0	0	0
10/1/2023 13:11	43402 BENT_T1	3	3	0	0.7	0.6	-0.1	-0.89	-0.9	1	1	0	900	900	0
10/1/2023 13:11	65001 NEFF_T2	0	0	0	0	0	0	-0.87	-0.81	1	1	0	1200	1200	0
10/1/2023 13:14	53903 HAU_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/1/2023 13:15	66701 STRA_T1	1	1	0	0.8	0.9	0.1	0	0	0	0	0	0	0	0
10/1/2023 13:18	54701 NEBL_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/1/2023 13:20	46302 ROHR_T1	4	4	0	1.05	1.15	0.1	0	0	0	0	0	0	0	0
10/1/2023 13:20	41901 REED_T1	0	0	0	0	0	0	-2.03	-2.02	1	1	0	900	900	0
10/1/2023 13:21	65001 NEFF_T2	0	0	0	0	0	0	-0.81	-0.78	1	1	0	1200	1200	0
10/1/2023 13:22	45902 AUBU_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/1/2023 13:23	61001 DONV_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/1/2023 13:25	28604 BLYT_T2	0	0	0	0	0	0	-1.3	-1.28	0	0	0	0	0	0
10/1/2023 13:27	43402 BENT_T1	3	3	0	0.57	0.53	-0.04	-0.9	-0.88	1	1	0	900	900	0
10/1/2023 13:29	61303 EARL_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/1/2023 13:29	46506 LOHA_T1	1	1	0	0.8	0.6	-0.2	-0.43	-0.33	0	0	0	0	0	0
10/1/2023 13:29	53903 HAU_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/1/2023 13:30	23301 JEFF_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/1/2023 13:30	46506 LOHA_T1	1	1	0	0.6	0.5	-0.1	-0.43	-0.33	0	0	0	0	0	0
10/1/2023 13:31	48302 ORWI_T2

10/1/2023 14:23	56802 BENV_T2	1	1	0	0.2	0.2	0	-2.48	-2.46	0	0	0	0	0	0
10/1/2023 14:24	43304 WATS_T2	0	0	0	0	0	0	0.22	0.25	0	0	0	0	0	0
10/1/2023 14:24	60803 BUCK_T1	0	0	0	0	0	0	-0.7	-0.71	1	1	0	600	600	0
10/1/2023 14:24	29402 BELT_T1	42	20	-22	0.32	0.27	-0.05	0	0	0	0	0	0	0	0
10/1/2023 14:24	45902 AUBU_T1	1	1	0	0.1	0.1	0	-0.68	-0.68	0	0	0	0	0	0
10/1/2023 14:24	61303 EARL_T1	0	0	0	0	0	0	0.22	0.29	0	0	0	0	0	0
10/1/2023 14:24	26603 BROO_T1	0	0	0	0	0	0	0.12	0.13	0	0	0	0	0	0
10/1/2023 14:24	56802 BENV_T2	1	1	0	0.2	0.2	0	-1.24	-1.23	0	0	0	0	0	0
10/1/2023 14:25	17805 GILB_T2	0	0	0	0	0	0	0.05	0.1	0	0	0	0	0	0
10/1/2023 14:25	45902 AUBU_T1	1	1	0	0.1	0.1	0	0	0	0	0	0	0	0	0
10/1/2023 14:26	45902 AUBU_T1	1	1	0	0.1	0.1	0	-0.68	-0.68	0	0	0	0	0	0
10/1/2023 14:26	61303 EARL_T1	0	0	0	0	0	0	0.22	0.29	0	0	0	0	0	0
10/1/2023 14:26	56803 BENV_T1	1	1	0	2.1	2.3	0.2	0.4	0.41	0	0	0	0	0	0
10/1/2023 14:26	45902 AUBU_T1	1	1	0	0.1	0.1	0	-0.68	-0.68	0	0	0	0	0	0
10/1/2023 14:26	17802 GILB_T1	0	0	0	0	0	0	0.3	0.32	0	0	0	0	0	0
10/1/2023 14:27	61301 EARL_T1	0	0	0	0	0	0	-0.41	-0.42	1	1	0	900	900	0
10/1/2023 14:27	17804 GILB_T2	1	1	0	0.9	1.3	0.4	0	0	0	0	0	0	0	0
10/1/2023 14:27	53903 HALI_T2	2	2	0	0.5	0.3	-0.2	-0.04	-0.04	0	0	0	0	0	0
10/1/2023 14:27	62604 ENGL_T1	0	0	0	0	0	0	-1.33	-1.25	1	1	0	600	600	0
10/1/2023 14:27	28601 BLYT_T2	1	1	0	0.6	2.1	1.5	0	0	0	0	0	0	0	0
10/1/2023 14:27	60803 BUCK_T1	0	0	0	0	0	0	-0.7	-0.71	1	1	0	600	600	0
10/1/2023 14:27	17802 GILB_T1	0	0	0	0	0	0	0.15	0.16	0	0	0	0	0	0
10/1/2023 14:28	66701 STRA_T1	1	0	-1	0.2	0	-0.2	0	0	0	0	0	0	0	0
10/1/2023 14:28	52402 GRPA_T2	1	1	0	2.6	2.4	-0.2	0	0	0	0	0	0	0	0
10/1/2023 14:29	17804 GILB_T2	1	1	0	0.9	1.3	0.4	-0.51	-0.51	0	0	0	0	0	0
10/1/2023 14:30	62604 ENGL_T1	0	0	0	0	0	0	-2.51	-2.62	2	2	0	1200	1200	0
10/1/2023 14:30	65001 NEFF_T2	0	0	0	0	0	0	-0.74	-0.72	1	1	0	1200	1200	0
10/1/2023 14:34	44201 POIN_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/1/2023 14:34	41902 REID_T1	0	2	2	0	0.4	0.4	0	0	0	0	0	0	0	0
10/1/2023 14:34	62604 ENGL_T1	0	0	0	0	0	0	-1.25	-1.31	1	1	0	600	600	0
10/1/2023 14:34	59402 RFLD_T2	2	1	-1	0.25	0.3	0.05	-1.18	-1.17	1	1	0	450	450	0
10/1/2023 14:37	59101 WALK_T2	2	1	-1	0.3	0	-0.3	0.95	0.91	1	1	0	450	450	0
10/1/2023 14:38	56802 BENV_T2	1	0	-1	0.2	0	-0.2	-1.23	-1.16	0	0	0	0	0	0
10/1/2023 14:38	20403 ASHF_T2	0	1	1	0	0.2	0.2	0.29	0.34	0	0	0	0	0	0
10/1/2023 14:38	59101 WALK_T2	2	1	-1	0.3	0	-0.3	0.95	0.91	1	1	0	450	450	0
10/1/2023 14:38	66505 SMAN_T2	0	0	0	0	0	0	0.79	0.22	2	3	1	1100	1700	600
10/1/2023 14:39	45902 AUBU_T1	1	0	-1	0.1	0	-0.1	-1.36	-1.4	0	0	0	0	0	0
10/1/2023 14:39	61302 EARL_T1	3	3	0	0.93	0.73	-0.2	0	0	0	0	0	0	0	0
10/1/2023 14:39	20403 ASHF_T2	0	1	1	0	0.2	0.2	0.29	0.34	0	0	0	0	0	0
10/1/2023 14:39	59101 WALK_T2	2	1	-1	0.3	0	-0.3	0.95	0.91	1	1	0	450	450	0
10/1/2023 14:39	29402 BELT_T1	17	16	-1	0.28	0.3	0.02	0	0	0	0	0	0	0	0
10/1/2023 14:39	56802 BENV_T2	1	0	-1	0.2	0	-0.2	-1.23	-1.16	0	0	0	0	0	0
10/1/2023 14:40	29402 BELT_T1	17	16	-1	0.28	0.3	0.02	0	0	0	0	0	0	0	0
10/1/2023 14:40	56802 BENV_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/1/2023 14:40	61302 EARL_T1	3	3	0	0.93	0.73	-0.2	0	0	0	0	0	0	0	0
10/1/2023 14:41	17805 GILB_T2	0	0	0	0	0	0	0.1	0.07	0	0	0	0	0	0
10/1/2023 14:41	29402 BELT_T1	17	16	-1	0.28	0.3	0.02	0	0	0	0	0	0	0	0
10/1/2023 14:41	17802 GILB_T1	0	0	0	0	0	0	0.16	0.2	0	0	0	0	0	0
10/1/2023 14:41	17805 GILB_T2	0	0	0	0	0	0	0.1	0.07	0	0	0	0	0	0
10/1/2023 14:41	45902 AUBU_T1	1	0	-1	0.1	0	-0.1	0	0	0	0	0	0	0	0
10/1/2023 14:41	61303 EARL_T1	0	0	0	0	0	0	0.29	0.31	0	0	0	0	0	0
10/1/2023 14:41	28601 BLYT_T2	1	1	0	2.6	0.3	-2.3	0	0	0	0	0	0	0	0
10/1/2023 14:41	56802 BENV_T2	1	0	-1	0.2	0	-0.2	-1.23	-1.16	0	0	0	0	0	0
10/1/2023 14:41	10801 CHHI_T1	3	2	-1	0.17	0.4	0.23	-1.19	-1.16	2	2	0	1500	1500	0
10/1/2023 14:41	62604 ENGL_T1	0	0	0	0	0	0	-1.25	-1.31	1	1	0	600	600	0
10/1/2023 14:42	56803 BENV_T1	1	2	1	2.3	2.8	0.5	0.41	0.4	0	0	0	0	0	0
10/1/2023 14:42	45902 AUBU_T1	1	0	-1	0.1	0	-0.1	-0.68	-0.7	0	0	0	0	0	0
10/1/2023 14:42	17802 GILB_T1	0	0	0	0	0	0	0.48	0.6	0	0	0	0	0	0
10/1/2023 14:43	61301 EARL_T1	0	0	0	0	0	0	-0.42	-0.34	1	1	0	900	900	0
10/1/2023 14:43	52403 GRPA_T2	1	1	0	0.5	0.3	-0.2	-0.29	-0.3	0	0	0	0	0	0
10/1/2023 14:43	29402 BELT_T1	17	16	-1	0.28	0.3	0.02	0	0	0	0	0	0	0	0
10/1/2023 14:43	17803 GILB_T2	0	1	1	0	0	0	0	0	0	0	0	0	0	0
10/1/2023 14:44	12701 MACU_T1	0	0	0	0	0	0	0.12	0.15	0	0	0	0	0	0
10/1/2023 14:45	26603 BROO_T1	0	0	0	0	0	0	0.14	0.12	0	0	0	0	0	0
10/1/2023 14:45	62605 ENGL_T1	0	1	1	0	0	0	0	0	0	0	0	0	0	0
10/1/2023 14:45	52403 GRPA_T2	1	1	0	0.3	0.1	-0.2	-0.3	-0.29	0	0	0	0	0	0
10/1/2023 14:45	45003 LIME_2	1	1	0	3.3	3.6	0.3	0	0	1	1	0	1200	1200	0
10/1/2023 14:46	48302 ORWI_T2	1	1	0	0.1	0.3	0.2	0.11	0.13	0	0	0	0	0	0
10/1/2023 14:46	42902 MIDD_T2	25	41	16	0.2	0.24	0.04	-0.51	-0.51	0	0	0	0	0	0
10/1/2023 14:46	46803 HEPB_T2	0	0	0	0	0	0	0.46	0.48	0	0	0	0	0	0
10/1/2023 14:46	12701 MACU_T1	0	0	0	0	0	0	0.12	0.15	0	0	0	0	0	0
10/1/2023 14:46	63203 MGTN_T1	0	0	0	0	0	0	-0.16	-0.17	1	1	0	600	600	0
10/1/2023 14:48	12701 MACU_T1	0	0	0	0	0	0	0.12	0.15	0	0	0	0	0	0
10/1/2023 14:49	58401 MORO_T1	1	0	-1	0.1	0	-0.1	0	0	0	0	0	0	0	0
10/1/2023 14:49	54701 NEBL_T1	0	0	0	0	0	0	0	0	1	1	0	600	600	0
10/1/2023 14:50	41902 REID_T1	1	4	3	0.4	0.5	0.1	0	0	0	0	0	0	0	0
10/1/2023 14:50	62605 ENGL_T1	0	1	1	0	0	0	0	0	0	0	0	0	0	0
10/1/2023 14:52	12701 MACU_T1	0	0	0	0	0	0	0.12	0.15	0	0	0	0	0	0
10/1/2023 14:53	26603 BROO_T1	0	0	0	0	0	0	0.14	0.12	0	0	0	0	0	0
10/1/2023 14:56	11104 EGYP_T1	5	5	0	0.7	0.8	0.1	0.79	0.83	0	0	0	0	0	0
10/1/2023 14:56	43401 BENT_T1	1	0	-1	1.5	0	-1.5	0	0	0	0	0	0	0	0
10/1/2023 14:59	11102 EGYP_T1	0	2	2	0	0	0	0	0	0	0	0	0	0	0
10/1/2023 15:00	66703 STRA_T1	0	0	0	0	0	0	-0.05	0.05	0	0	0	0	0	0
10/1/2023 15:01	64301 LINC_T1	0	0	0	0	0	0	-0.09	-0.16	1	1	0	600	600	0
10/1/2023 15:04	52502 PROG_T2	0	0	0	0	0	0	-0.23	-0.26	1	1	0	900	900	0
10/1/2023 15:09	15001 BLMO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/1/2023 15:09	11104 EGYP_T1	5	6	1	0.86	0	-0.86	0.83	0.8	0	0	0	0	0	0
10/1/2023 15:10	28601 BLYT_T2	1	0	-1	0.3	0	-0.3	0	0	0	0	0	0	0	0
10/1/2023 15:14	63401 HONY_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/1/2023 15:16	43402 BENT_T1	1	2	1	0.2	0.35	0.15	-0.89	-0.88	1	1	0	900	900	0
10/1/2023 15:20	27502 WEIS_T2	2	0	-2	0.15	0	-0.15	-0.58	-0.57	0	0	0	0	0	0
10/1/2023 15:22	44301 BEAV_T2	2	10	8	0.5	0.5	0	0	0	0	0	0	0	0	0
10/1/2023 15:23	44301 BEAV_T2	2	10	8	0.5	0.5	0	0	0	0	0	0	0	0	0
10/1/2023 15:23	59101 WALK_T2	1	2	1	0	0.1	0.1	1.21	1.28	1	1	0	450	450	0
10/1/2023 15:24	44301 BEAV_T2	2	10	8	0.5	0.5	0	0	0	0	0	0	0	0	0
10/1/2023 15:26	44302 BEAV_T2	145	423	278	0.34	0.56	0.22	0.7	0.74	0	0	0	0	0	0
10/1/2023 15:31	48302 ORWI_T2	1	0	-1	0.1	0	-0.1	0.15	0.12	0	0	0	0	0	0
10/1/2023 15:32	23401 HONE_T2	2	1	-1	0.65	0.9	0.25	0	-0.01	0	0	0	0	0	0
10/1/2023 15:33	56501 ROCK_T2	0	0	0	0	0	0	-1.38	-1.38	0	0	0	0	0	0
10/1/2023 15:36	44201 POIN_T1	0	0	0	0	0	0	-1.72	-1.73	1	1	0	900	900	0
10/1/2023 15:38	59101 WALK_T2	1	2	1	0	0.2	0.2	1.28	1.21	1	1	0	450	450	0
10/1/2023 15:38	56802 BENV_T2	1	2	1	0.1	0.55	0.45	-1.18	-1.21	0	0	0	0	0	0
10/1/2023 15:40	56802 BENV_T2	1	2	1	0.1	0.55	0.45	-2.36	-2.42	0	0	0	0	0	0
10/1/2023 15:42	56802 BENV_T2	1	2	1	0.1	0.55	0.45	-1.18	-1.21	0	0	0	0	0	0
10/1/2023 15:45	40101 HUNT_T2	1	0	-1	0.1	0	-0.1	-0.61	-0.61	0	0	0	0	0	0
10/1/2023 15:50	59201 THOM_T1	5	2	-3	0.16	0.1	-0.06	0	0	0	0	0	0	0	0
10/1/2023 15:52	67201 TEHI_T1	0	0	0	0	0	0	-1.34	-1.33	2	2	0	1800	1800	0
10/1/2023 15:53	59101 WALK_T2	2	2	0	0.1	0.5	0.4	1.21	0.9	1	1	0	450	450	0
10/1/2023 15:59	46801 HEPB_T2	0	2	2	0	0.75	0.75	0	0	0	0	0	0	0	0
10/1/2023 16:00	46801 HEPB_T2	2	2	0	0.25	0.75	0.5	-0.04	-0.04	0	0	0	0	0	0
10/1/2023 16:01	46801 HEPB_T2	2	2	0	0.25	0.75	0.5	-0.04	-0.04	0	0	0	0	0	0
10/1/2023 16:07	56803 BENV_T1	1	1	0	0.1	0.1	0	0.46	0.48	0	0	0	0	0	0
10/1/2023 16:11	41602 CLEV_T1	0	0	0	0	0	0	0	0	1	1	0	600	600	0
10/1/2023 16:16	43402 BENT_T1	0	0	0	0	0	0	-0.86	-0.9	1	1	0	900	900	0
10/1/2023 16:17	46801 HEPB_T2	2	2	0	0.75	0.7	-0.05	-0.04	0	0	0	0	0	0	0
10/1/2023 16:18	52402 GRPA_T2	1	1	0	3.1	3	-0.1	0	0	0	0	0	0	0	0
10/1/2023 16:23	59101 WALK_T2	2	1	-1	0.5	0	-0.5	0.7	1.06	1	1	0	450	450	0
10/1/2023 16:30	52401 GRPA_T2	0	1	1	0	0	0	0	0	0	0	0	0	0	0
10/1/2023 16:50	49803 UNIV_T1	1	0	-1	0.3	0	-0.3	-0.66	-0.69	0	0	0	0	0	0
10/1/2023 16:59	46801 HEPB_T2	2	2	0	0.6	1	0.4	-0.01	0.02	0	0	0	0	0	0
10/1/2023 17:16	43402 BENT_T1	0	0	0	0	0	0	-0.87	-0.91	1	1	0	900	900	0
10/1/2023 17:22	49803 UNIV_T1	0	0	0	0	0	0	-0.64	-0.66	0	0	0	0	0	0
10/1/2023 18:16	43402 BENT_T1	0	0	0	0	0	0	-0.89	-0.9	1	1	0	900	900	0
10/1/2023 19:16	43402 BENT_T1	0	0	0	0	0	0	-0.89	-0.89	1	1	0	900	900	0
10/1/2023 19:48	23301 JEFF_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/1/2023 19:49	26401 INOR_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/1/2023 19:52	61303 EARL_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/1/2023 19:54	56802 BENV_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/1/2023 19:57	46203 DANV_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/1/2023 19:57	54701 NEBL_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/1/2023 19:58	63401 HONY_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/1/2023 19:59	44301 BEAV_T2	4	7	3	0.48	0.5	0.02	-0.32	-0.32	0	0	0	0	0	0
10/1/2023 19:59	56802 BENV_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/1/2023 19:59	46302 ROHR_T1	4	4	0	1.33	1.55	0.22	0	0	0	0	0	0	0	0
10/1/2023 20:00	61001 DONV_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/1/2023 20:00	45402 WILO_T2	1	1	0	1.2	1.2	0	0	0	0	0	0	0	0	0
10/1/2023 20:00	44201 POIN_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/1/2023 20:00	67401 WAKE_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/1/2023 20:02	61303 EARL_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/1/2023 20:03	53903 HALI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/1/2023 20:19	59402 RFLD_T2	8	19	11	0.16	0.25	0.09	-1.21	-1.21	1	1	0	450	450	0
10/1/2023 20:21	60803 BUCK_T1	0	4	4	0	0.15	0.15	-1.45	-1.47	1	1	0	600	600	0
10/1/2023 20:41	29402 BELT_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/1/2023 20:43	17805 GILB_T2	0	0	0	0	0	0	0.04	0	0	0	0	0	0	0
10/1/2023 20:43	61303 EARL_T1	0	0	0	0	0	0	0.17	0.08	0	0	0	0	0	0
10/1/2023 20:44	56802 BENV_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/1/2023 20:45	17805 GILB_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/1/2023 20:45	29401 BELT_T1	0	0	0	0	0	0	0	0	1	1	0	900	900	0
10/1/2023 20:45	27502 WEIS_T2	0	0	0	0	0	0	-0.62	-0.66	0	0	0	0	0	0
10/1/2023 20:46	48302 ORWI_T2	2	2	0	0.4	0.75	0.35	0	0	0	0	0	0	0	0
10/1/2023 20:46	60803 BUCK_T1	4	8	4	0.15	0.33	0.18	-1.41	-1.43	1	1	0	600	600	0
10/1/2023 20:47	29402 BELT_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/1/2023 20:48	13503 MCMI_T2	0	0	0	0	0	0	-0.01	-0.01	0	0	0	0	0	0
10/1/2023 20:48	45901 AUBU_T1	0	0	0	0	0	0	0.99	1	0	0	0	0	0	0
10/1/2023 20:49	52006 LING_T2	0	2	2	0	0.2	0.2	0	0	0	0	0	0	0	0
10/1/2023 20:49	44802 EDAN_T2	0	0	0	0	0	0	-2.01	-2.02	1	1	0	1200	1200	0
10/1/2023 20:49	10801 CHHI_T1	0	0	0	0	0	0	-1.36	-1.38	2	2	0	1500	1500	0
10/1/2023 20:50	28805 LAKE_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/1/2023 20:50	66505 SMAN_T2	0	0	0	0	0	0	0.44	0.49	1	1	0	900	900	0
10/1/2023 20:50	11104 EGYP_T1	0	2	2	0	0.3	0.3	0.29	0.26	0	0	0	0	0	0
10/1/2023 20:51	23401 HONE_T2	1	1	0	0.4	1.2	0.8	0	-0.01	0	0	0	0	0	0
10/1/2023 20:51	20403 ASHF_T2	0	0	0	0	0	0	0.3	0.29	0	0	0	0	0	0
10/1/2023 20:51	49803 UNIV_T1	0	0	0	0	0	0	-1.03	-1.08	0	0	0	0	0	0
10/1/2023 20:51	67503 WEWI_T2	0	0	0	0	0	0	-0.18	-0.25	0	0	0	0	0	0
10/1/2023 20:51	42002 MNVL_T2	1	1	0	2.7	2.6	-0.1	0	0	0	0	0	0	0	0
10/1/2023 20:51	67503 WEWI_T2	0	0	0	0	0	0	-0.18	-0.25	0	0	0	0	0	0
10/1/2023 20:51	48302 ORWI_T2	2	2	0	0.4	0.75	0.35	0	0	0	0	0	0	0	0
10/1/2023 20:51	61301 EARL_T1	0	0	0	0	0	0	-0.45	-0.45	1	1	0	900	900	0
10/1/2023 20:52	28403 HART_T2	0	0	0	0	0	0	-0.57	-0.57	1	1	0	900	900	0
10/1/2023 20:52	62604 ENGL_T1	0	0	0	0	0	0	-1.3	-1.4	1	1	0	600	600	0
10/1/2023 20:52	56501 ROCK_T2	10	123	113	0.16	0.2	0.04	-1.47	-1.47	0	0	0	0	0	0
10/1/2023 20:52	61303 EARL_T1	0	0	0	0	0	0	0.08	0.06	0	0	0	0	0	0
10/1/2023 20:52	44601 SALE_T2	0	1	1	0	0.1	0.1	-0.01	-0.07	0	0	0	0	0	0
10/1/2023 20:52	59101 WALK_T2	1	2	1	0	0.5	0.5	0.55	0.97	1	0	-1	450	0	-450
10/1/2023 20:53	28403 HART_T2	0	0	0	0	0	0	-0.57	-0.57	1	1	0	900	900	0
10/1/2023 20:53	12701 MACU_T1	0	0	0	0	0	0	0.14	0.13	0	0	0	0	0	0
10/1/2023 20:53	45902 AUBU_T1	32	41	9	0.26	0.28	0.02	0	0	0	0	0	0	0	0
10/1/2023 20:53	17802 GILB_T1	0	0	0	0	0	0	0.17	0.18	0	0	0	0	0	0
10/1/2023 20:53	26603 BROO_T1	0	0	0	0	0	0	0.15	0.13	0	0	0	0	0	0
10/1/2023 20:53	53901 HALI_T2	0	1	1	0

Appendix C - Grid Benefits Achieved in Each Instance of Active Management

10/1/2023 20:59	46803 HEPB_T2	0	0	0	0	0	0	0.53	0.57	0	0	0	0	0	0
10/1/2023 20:59	56802 BENV_T2	1	5	4	0.8	0.3	-0.5	-1.3	-1.29	0	0	0	0	0	0
10/1/2023 20:59	45702 LIND_T2	0	1	1	0	0.2	0.2	-0.45	-0.45	0	0	0	0	0	0
10/1/2023 21:00	12701 MACU_T1	0	0	0	0	0	0	0.26	0.24	0	0	0	0	0	0
10/1/2023 21:00	61801 EELI_T2	2	2	0	0.5	0.9	0.4	-0.72	-0.8	1	1	0	600	600	0
10/1/2023 21:00	46506 LOHA_T1	0	0	0	0	0	0	-0.34	-0.36	0	0	0	0	0	0
10/1/2023 21:01	40101 HUNT_T2	0	0	0	0	0	0	-0.65	-0.69	0	0	0	0	0	0
10/1/2023 21:01	59101 WALK_T2	2	2	0	0.5	0	-0.5	0.97	1.17	0	0	0	0	0	0
10/1/2023 21:02	46504 LOHA_T1	2	28	26	0.85	0.29	-0.56	0	0	0	0	0	0	0	0
10/1/2023 21:02	58401 MORO_T1	0	1	1	0	0	0	0	0	0	0	0	0	0	0
10/1/2023 21:02	56802 BENV_T2	1	87	86	1.1	0.17	-0.93	-2.6	-2.58	0	0	0	0	0	0
10/1/2023 21:02	66703 STRA_T1	0	1	1	0	0.3	0.3	-0.26	-0.25	0	0	0	0	0	0
10/1/2023 21:02	54701 NEBL_T1	0	0	0	0	0	0	0	0	1	1	0	600	600	0
10/1/2023 21:03	45003 LIME_2	1	2	1	4.2	2.5	-1.7	0	0	1	1	0	1200	1200	0
10/1/2023 21:03	56802 BENV_T2	1	87	86	1.1	0.17	-0.93	-2.6	-2.58	0	0	0	0	0	0
10/1/2023 21:03	42002 MNVL_T2	1	1	0	2.7	2.6	-0.1	-0.79	-0.7	0	0	0	0	0	0
10/1/2023 21:07	44302 BEAV_T2	233	397	164	0.52	0.56	0.04	0.29	0.28	0	0	0	0	0	0
10/1/2023 21:28	43402 BENT_T1	0	0	0	0	0	0	-0.92	-0.93	1	1	0	900	900	0
10/1/2023 21:29	43402 BENT_T1	0	0	0	0	0	0	-0.92	-0.93	1	1	0	900	900	0
10/1/2023 22:28	43402 BENT_T1	0	0	0	0	0	0	-0.95	-0.92	1	1	0	900	900	0
10/1/2023 22:29	43402 BENT_T1	0	0	0	0	0	0	-0.95	-0.92	1	1	0	900	900	0
10/1/2023 23:01	65001 NEFF_T2	34	180	146	0.12	0.17	0.05	-1.26	-1.29	1	1	0	1200	1200	0
10/1/2023 23:06	65003 NEFF_T2	3	43	40	0.17	0.13	-0.04	0	0	0	0	0	0	0	0
10/1/2023 23:16	65003 NEFF_T2	4	53	49	0.33	0.16	-0.17	0	0	0	0	0	0	0	0
10/1/2023 23:28	43402 BENT_T1	0	0	0	0	0	0	-0.95	-0.96	1	1	0	900	900	0
10/1/2023 23:29	43402 BENT_T1	0	0	0	0	0	0	-0.95	-0.96	1	1	0	900	900	0
10/2/2023 0:28	44601 SALE_T2	0	0	0	0	0	0	-0.17	-0.23	0	0	0	0	0	0
10/2/2023 0:28	46001 BERW_T1	0	0	0	0	0	0	0.41	0.41	0	0	0	0	0	0
10/2/2023 0:28	59301 MCAL_T1	0	2	2	0	0.2	0.2	0	0	0	0	0	0	0	0
10/2/2023 0:28	52502 PROG_T2	0	0	0	0	0	0	0.29	0.27	0	0	0	0	0	0
10/2/2023 0:28	67203 TEHI_T1	1	1	0	0	0	0	1.34	1.4	1	1	0	600	600	0
10/2/2023 0:28	28604 BLYT_T2	0	0	0	0	0	0	-2.9	-2.9	1	0	0	0	0	0
10/2/2023 0:28	43402 BENT_T1	0	0	0	0	0	0	-0.96	-0.98	1	1	0	900	900	0
10/2/2023 0:28	12701 MACU_T1	0	0	0	0	0	0	0.01	0	0	0	0	0	0	0
10/2/2023 0:28	11104 EGYP_T1	0	0	0	0	0	0	0.44	0.4	0	0	0	0	0	0
10/2/2023 0:28	41801 GOCI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/2/2023 0:28	59202 THOM_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/2/2023 0:28	45902 AUBU_T1	0	0	0	0	0	0	-1.1	-0.96	0	0	0	0	0	0
10/2/2023 0:28	43202 MVIL_T2	53	90	37	0.26	0.47	0.21	-0.74	-0.75	0	0	0	0	0	0
10/2/2023 0:28	56501 ROCK_T2	11	16	5	0.8	0.64	-0.16	-0.45	-0.44	0	0	0	0	0	0
10/2/2023 0:28	29401 BELT_T1	0	0	0	0	0	0	0	0	1	1	0	900	900	0
10/2/2023 0:28	29402 BELT_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/2/2023 0:28	67503 WEWI_T2	0	0	0	0	0	0	-0.41	-0.41	0	0	0	0	0	0
10/2/2023 0:28	67203 TEHI_T1	1	1	0	0	0	0	1.34	1.4	1	1	0	600	600	0
10/2/2023 0:28	66505 SMAN_T2	3	3	0	0.5	0.77	0.27	0	0	0	0	0	0	0	0
10/2/2023 0:28	67502 WEWI_T2	0	0	0	0	0	0	-1.56	-1.54	1	1	0	900	900	0
10/2/2023 0:28	44301 BEAV_T2	7	8	1	0.39	0.49	0.1	0.46	0.42	0	0	0	0	0	0
10/2/2023 0:28	60803 BUCK_T1	0	4	4	0	0.13	0.13	0	0	0	0	0	0	0	0
10/2/2023 0:28	28805 LAKE_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/2/2023 0:28	44901 SCOT_T2	0	0	0	0	0	0	-0.39	-0.55	0	0	0	0	0	0
10/2/2023 0:28	26603 BROO_T1	0	0	0	0	0	0	0.01	-0.03	0	0	0	0	0	0
10/2/2023 0:28	45003 LIME_2	1	1	0	4.2	4.5	0.3	0	0	0	0	0	0	0	0
10/2/2023 0:28	61304 EARL_T1	65	0	-65	0.14	0	-0.14	-1.11	-1.08	1	1	0	600	600	0
10/2/2023 0:28	42903 MIDD_T2	143	180	37	0.55	0.65	0.1	0	0	0	0	0	0	0	0
10/2/2023 0:28	15001 BLMO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/2/2023 0:28	44301 BEAV_T2	7	8	1	0.39	0.49	0.1	0.46	0.42	0	0	0	0	0	0
10/2/2023 0:28	49804 UNIV_T1	1	11	10	0.5	0.25	-0.25	0	0	0	0	0	0	0	0
10/2/2023 0:28	17804 GILB_T2	0	0	0	0	0	0	-0.59	-0.6	0	0	0	0	0	0
10/2/2023 0:28	46801 HEPB_T2	2	2	0	0.25	0.45	0.2	0.5	0.5	0	0	0	0	0	0
10/2/2023 0:28	63203 MGTN_T1	0	0	0	0	0	0	-0.27	-0.25	1	1	0	600	600	0
10/2/2023 0:28	52402 GRPA_T2	1	1	0	2.8	3.2	0.4	0	0	0	0	0	0	0	0
10/2/2023 0:28	17802 GILB_T1	0	0	0	0	0	0	-0.03	-0.06	0	0	0	0	0	0
10/2/2023 0:28	56802 BENV_T2	1	1	0	0.4	0.6	0.2	-3.08	-3.18	0	0	0	0	0	0
10/2/2023 0:28	44201 POIN_T1	0	0	0	0	0	0	-0.72	-0.78	0	0	0	0	0	0
10/2/2023 0:28	40101 HUNT_T2	0	1	1	0	0.4	0.4	-0.66	-0.65	0	0	0	0	0	0
10/2/2023 0:29	43402 BENT_T1	0	0	0	0	0	0	-0.96	-0.98	1	1	0	900	900	0
10/2/2023 1:28	43402 BENT_T1	0	0	0	0	0	0	-0.98	-0.98	1	1	0	900	900	0
10/2/2023 1:29	43402 BENT_T1	0	0	0	0	0	0	-0.98	-0.98	1	1	0	900	900	0
10/2/2023 1:45	64101 REFR_T1	3	3	0	9.23	9.43	0.2	-0.01	-0.01	0	0	0	0	0	0
10/2/2023 2:28	43402 BENT_T1	0	0	0	0	0	0	-0.97	-0.97	1	1	0	900	900	0
10/2/2023 2:29	43402 BENT_T1	0	0	0	0	0	0	-0.97	-0.97	1	1	0	900	900	0
10/2/2023 2:48	43402 BENT_T1	0	0	0	0	0	0	-0.98	-0.99	1	1	0	900	900	0
10/2/2023 4:41	65001 NEFF_T2	127	67	-60	0.13	0.11	-0.02	-1.3	-1.28	1	1	0	1200	1200	0
10/2/2023 5:31	65001 NEFF_T2	0	0	0	0	0	0	-1.22	-1.19	1	1	0	1200	1200	0
10/2/2023 5:51	53903 HALI_T2	2	2	0	0.5	0.35	-0.15	-0.21	-0.21	0	0	0	0	0	0
10/2/2023 5:56	53901 HALI_T2	1	1	0	0.3	0.3	0	0	0	0	0	0	0	0	0
10/2/2023 6:26	65002 NEFF_T2	0	3	3	0	0.1	0.1	0	0	0	0	0	0	0	0
10/2/2023 7:09	46203 DANV_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/2/2023 7:19	54701 NEBL_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/2/2023 7:55	43001 ALWD_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/2/2023 8:18	42903 MIDD_T2	0	2	2	0	0.15	0.15	0	0	0	0	0	0	0	0
10/2/2023 8:19	54701 NEBL_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/2/2023 8:29	56603 HAMP_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/2/2023 8:38	56802 BENV_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/2/2023 8:38	59101 WALK_T2	1	1	0	0	0	0	2.28	2.28	0	0	0	0	0	0
10/2/2023 8:41	56802 BENV_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/2/2023 8:42	53601 DALM_T2	1	1	0	0.8	1.1	0.3	-0.34	-0.46	1	1	0	900	900	0
10/2/2023 8:52	67401 WAKE_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/2/2023 8:54	43001 ALWD_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/2/2023 9:00	40101 HUNT_T2	0	1	1	0	0	0	-0.43	-0.4	0	0	0	0	0	0
10/2/2023 9:06	67204 TEHI_T2	0	0	0	0	0	0	-0.1	-0.06	0	0	0	0	0	0
10/2/2023 9:07	67204 TEHI_T2	0	0	0	0	0	0	-0.1	-0.06	0	0	0	0	0	0
10/2/2023 9:08	26603 BROO_T1	0	0	0	0	0	0	0.1	0.09	0	0	0	0	0	0
10/2/2023 9:11	26603 BROO_T1	0	0	0	0	0	0	0.1	0.09	0	0	0	0	0	0
10/2/2023 9:12	56801 BENV_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/2/2023 9:17	54701 NEBL_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/2/2023 9:22	49803 UNIV_T1	0	0	0	0	0	0	-1.01	-1.01	0	0	0	0	0	0
10/2/2023 9:27	41801 GOCI_T2	2	5	3	0.45	0.38	-0.07	0	0	0	0	0	0	0	0
10/2/2023 9:28	45802 HEGI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/2/2023 9:28	54505 ENOL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/2/2023 9:28	52402 GRPA_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/2/2023 9:29	41801 GOCI_T2	2	5	3	0.45	0.38	-0.07	0	0	0	0	0	0	0	0
10/2/2023 9:30	13503 MCMI_T2	0	0	0	0	0	0	-0.01	-0.01	0	0	0	0	0	0
10/2/2023 9:30	17802 GILB_T1	0	1	1	0	0.2	0.2	0.18	0.24	0	0	0	0	0	0
10/2/2023 9:31	58401 MORO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/2/2023 9:32	14404 SSLA_T1	3	3	0	0.17	0.2	0.03	0	0	0	0	0	0	0	0
10/2/2023 9:32	42001 MNVL_T2	5	2	-3	0.34	0.55	0.21	0.02	0.04	0	0	0	0	0	0
10/2/2023 9:34	60305 TWVA_T2	0	0	0	0	0	0	-1.45	-1.45	2	2	0	2400	2400	0
10/2/2023 9:38	56802 BENV_T2	17	3	-14	0.24	0.5	0.26	-2.16	-2.01	0	0	0	0	0	0
10/2/2023 9:38	45902 AUBU_T1	0	0	0	0	0	0	-0.7	-0.66	1	1	0	600	600	0
10/2/2023 9:39	45902 AUBU_T1	0	0	0	0	0	0	-0.7	-0.66	1	1	0	600	600	0
10/2/2023 9:39	56802 BENV_T2	17	3	-14	0.24	0.5	0.26	-0.72	-0.67	0	0	0	0	0	0
10/2/2023 9:39	67401 WAKE_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/2/2023 9:40	56802 BENV_T2	17	3	-14	0.24	0.5	0.26	-0.72	-0.67	0	0	0	0	0	0
10/2/2023 9:40	10801 CHHI_T1	1	4	-3	0.4	0.27	-0.13	-0.66	-0.64	1	1	0	900	900	0
10/2/2023 9:45	43202 MVIL_T2	1	0	-1	0.4	0	-0.4	-0.57	-0.54	0	0	0	0	0	0
10/2/2023 9:47	43202 MVIL_T2	1	0	-1	0.4	0	-0.4	-0.57	-0.54	0	0	0	0	0	0
10/2/2023 9:47	64101 REFR_T1	3	3	0	7.03	7.1	0.07	0.07	0.07	0	0	0	0	0	0
10/2/2023 9:51	29402 BELT_T1	0	1	1	0	0	0	0	0	0	0	0	0	0	0
10/2/2023 9:51	60801 BUCK_T1	0	1	1	0	0	0	-0.12	-0.1	0	0	0	0	0	0
10/2/2023 9:51	59102 WALK_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/2/2023 9:52	59102 WALK_T2	0	1	1	0	0.2	0.2	0	0	0	0	0	0	0	0
10/2/2023 9:53	20403 ASHF_T2	2	15	13	0.2	0.26	0.06	1.26	1.56	0	0	0	0	0	0
10/2/2023 9:53	43304 WATS_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/2/2023 9:53	41901 REED_T1	4	8	4	0.28	0.26	-0.02	-1.34	-1.25	1	1	0	900	900	0
10/2/2023 9:54	29402 BELT_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/2/2023 9:54	15001 BLMO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/2/2023 9:58	40101 HUNT_T2	0	0	0	0	0	0	-0.36	-0.07	0	0	0	0	0	0
10/2/2023 9:58	23401 HONE_T2	0	0	0	0	0	0	-0.24	-0.21	0	0	0	0	0	0
10/2/2023 10:00	26401 INOR_T1	1	2	1	0.4	0.5	0.1	0	0	0	0	0	0	0	0
10/2/2023 10:00	59102 WALK_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/2/2023 10:00	41901 REED_T1	7	6	-1	0.24	0.27	0.03	-1.25	-1.21	1	1	0	900	900	0
10/2/2023 10:00	52402 GRPA_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/2/2023 10:00	54505 ENOL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/2/2023 10:00	45802 HEGI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/2/2023 10:00	56601 HAMP_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/2/2023 10:00	64802 MONE_T2	1	1	0	0.4	0.6	0.2	0	0	0	0	0	0	0	0
10/2/2023 10:00	53903 HALI_T2	0	2	2	0	0.4	0.4	-0.06	-0.06	0	0	0	0	0	0
10/2/2023 10:00	56801 BENV_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/2/2023 10:00	12604 MACA_T1	0	0	0	0	0	0	0.37	0.38	0	0	0	0	0	0
10/2/2023 10:00	58401 MORO_T1	1	2	1	0.1	0.3	0.2	0	0	0	0	0	0	0	0
10/2/2023 10:00	20403 ASHF_T2	15	8	-7	0.25	0.31	0.06	0	0	0	0	0	0	0	0
10/2/2023 10:00	67605 WARW_T1	6	6	0	0.35	0.12	-0.23	0	0	0	0	0	0	0	0
10/2/2023 10:00	66505 SMAN_T2	0	0	0	0	0	0	0.87	0.84	2	2	0	1100	1100	0
10/2/2023 10:00	46203 DANV_T2	4	6	2	0.2	0.5	0.3	0	0	0	0	0	0	0	0
10/2/2023 10:00	45702 LIND_T2	2	1	-1	0.55	0.8	0.25	-0.39	-0.4	0	0	0	0	0	0
10/2/2023 10:00	43301 WATS_T2	1	2	1	0.6	0.6	0	0	0	0	0	0	0	0	0
10/2/2023 10:00	56802 BENV_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/2/2023 10:00	23301 JEFF_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/2/2023 10:00	61303 EARL_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/2/2023 10:00	54701 NEBL_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/2/2023 10:00	67401 WAKE_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/2/2023 10:00	58402 MORO_T1	0	0	0	0	0	0	-1.69	-1.67	3	3	0	2400	2400	0
10/2/2023 10:00	52503 PROG_T2	0	0	0	0	0	0	-0.62	-0.61	1	1	0	900	900	0
10/2/2023 10:00	42401 GIMA_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/2/2023 10:00	48302 ORWI_T2	1	1	0	0.4	0.1	-0.3	-0.47	-0.44	0	0	0	0	0	0
10/2/2023 10:01	60502 NMAN_T2	0	0	0	0	0	0	0.03	0.06	0	0	0	0	0	0
10/2/2023 10:01	43202 MVIL_T2	0	0	0	0	0	0	-0.54	-0.55	0	0	0	0	0	0
10/2/2023 10:06	58401 MORO_T1	1	2	1	0.1	0.3	0.2	0	0	0	0	0	0	0	0
10/2/2023 10:06	44203 POIN_T2	0	0	0	0	0	0	-0.54	-0.68	2	2	0	2100	2100	0
10/2/2023 10:06	60305 TWVA_T2	0	0	0	0	0	0	-1.43	-1.38	2	2	0	2400	2400	0
10/2/2023 10:07	59101 WALK_T2	1	1	0	0	0	0	2.19	2.26	0	0	0	0	0	0
10/2/2023 10:07	56802 BENV_T2	1	5	4	1	0.4	-0.6	-0.63	-0.62	0	0	0	0	0	0
10/2/2023 10:07	56803 BENV_T1	0	3	3	0	0.35	0.35	0	0	0	0	0	0	0	0
10/2/2023 10:08	56803 BENV_T1	0	3	3	0	0.35	0.35	0	0	0	0	0	0	0	0
10/2/2023 10:08	20403 ASHF_T2	15	8	-7	0.25	0.31	0.06	0.78	0.87	0	0	0	0	0	0
10/2/2023 10:08	56802 BENV_T2	1	5	4	1	0.4	-0.6	-1.89	-1.86	0	0	0	0	0	0
10/2/2023 10:09	49803 UNIV_T1	0	0	0	0	0	0	-1.01	-0.98	0	0	0	0	0	0
10/2/2023 10:09	20403 ASHF_T2	15	8	-7	0.25	0.31	0.06	0.78	0.87	0	0	0	0	0	0
10/2/2023 10:09	56803 BENV_T1	0	3	3	0	0.35	0.35	0	0	0	0	0	0	0	0
10/2/2023 10:09	56802 BENV_T2	1	5	4	1	0.4	-0.6	-1.89	-1.86	0	0	0	0	0	0
10/2/2023 10:09	26603 BROO_T1	0	0	0	0	0	0	0.16	0.15	0	0	0	0	0	0
10/2/2023 10:10	56802 BENV_T2	1	5	4	1	0.4	-0.6	-1.26	-1.24	0	0	0	0	0	0
10/2/2023 10:10	62604 ENGL_T1	0	0	0	0	0	0	-1.32	-1.29	1	1	0	600	600	0
10/2/2023 10:10	56803 BENV_T1	0	3	3	0	0.35	0.35	0	0	0	0	0	0	0	0
10/2/2023 10:11	56802 BENV_T2	1	5	4	1	0.4	-0.6	-1.26	-1.24	0	0	0	0	0	0
10/2/2023 10:11	53601 DALM_T2	1	1	0	0.2	0.6	0.4	-0.31	-0.35	1	1	0	900	900	0
10/2/2023 10:11	41801 GOCI_T2	4	3	-1	0.45	0.53	0.08	0	0	0	0	0	0	0	0
10/2/2023 10:11	62604 ENGL_T1	0	0	0	0	0	0	-1.32	-1.29	1	1	0	600	600	0
10/2/2023 10:11	26603 BROO_T1	0	0	0	0	0	0	0.16	0.15	0	0	0	0	0	0
10/2/2023 10:11	10801 CHHI_T1	1

10/2/2023 10:27	13702 SCHN_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
10/2/2023 10:28	17804 GILB_T2	1	1	0	0.8	1.6	0.8	0	0	0	0	0	0	0
10/2/2023 10:28	54505 ENOL_T2	1	1	0	0.6	0.8	0.2	0	0	0	0	0	0	0
10/2/2023 10:28	56603 HAMP_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
10/2/2023 10:28	17802 GILB_T1	1	2	1	0.3	0.2	-0.1	0.16	0.24	0	0	0	0	0
10/2/2023 10:29	17805 GILB_T2	0	1	1	0	0.2	0.2	0.18	0.13	0	0	0	0	0
10/2/2023 10:29	17802 GILB_T1	1	2	1	0.3	0.2	-0.1	0.12	0.14	0	0	0	0	0
10/2/2023 10:29	17805 GILB_T2	0	1	1	0	0.2	0.2	0.18	0.13	0	0	0	0	0
10/2/2023 10:29	12701 MACU_T1	0	0	0	0	0	0	0.16	0.17	0	0	0	0	0
10/2/2023 10:31	52403 GRPA_T2	3	5	2	0.2	0.36	0.16	0.14	0.11	0	0	0	0	0
10/2/2023 10:31	42001 MNVL_T2	2	74	72	0.3	0.19	-0.11	0	0	0	0	0	0	0
10/2/2023 10:31	12701 MACU_T1	0	0	0	0	0	0	0.16	0.17	0	0	0	0	0
10/2/2023 10:31	45802 HEGI_T2	0	0	0	0	0	0	1.01	1.08	0	0	0	0	0
10/2/2023 10:32	58401 MORO_T1	2	1	-1	0.3	0.6	0.3	-0.45	-0.39	1	1	0	600	600
10/2/2023 10:33	58401 MORO_T1	2	1	-1	0.3	0.6	0.3	-0.45	-0.39	1	1	0	600	600
10/2/2023 10:35	64101 REFR_T1	3	3	0	7.1	7.03	-0.07	0.09	0.17	0	0	0	0	0
10/2/2023 10:36	15001 BLMO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
10/2/2023 10:36	65902 SAKR_T2	0	0	0	0	0	0	0.04	0.03	1	1	0	300	300
10/2/2023 10:37	15001 BLMO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
10/2/2023 10:37	56802 BENV_T2	3	5	2	0.57	0.4	-0.17	-1.77	-1.74	0	0	0	0	0
10/2/2023 10:39	56803 BENV_T1	3	4	1	0.3	0.35	0.05	0.41	0.45	0	0	0	0	0
10/2/2023 10:40	56801 BENV_T1	51	54	3	1.09	0.94	-0.15	-1.44	-1.44	2	2	0	1200	1200
10/2/2023 10:40	61001 DONV_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
10/2/2023 10:40	15001 BLMO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
10/2/2023 10:41	15001 BLMO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
10/2/2023 10:41	56801 BENV_T1	51	54	3	1.09	0.94	-0.15	-0.72	-0.72	1	1	0	600	600
10/2/2023 10:42	61803 EEU_T2	1	1	0	0.7	0.8	0.1	0	0	0	0	0	0	0
10/2/2023 10:43	46803 HEPB_T2	0	0	0	0	0	0	0.29	0.29	0	0	0	0	0
10/2/2023 10:45	42002 MNVL_T2	1	2	1	3.8	3.7	-0.1	0	0	0	0	0	0	0
10/2/2023 10:50	13701 SCHN_T2	2	2	0	0.25	0.3	0.05	0	0	0	0	0	0	0
10/2/2023 10:51	13701 SCHN_T2	2	2	0	0.25	0.3	0.05	0	0	0	0	0	0	0
10/2/2023 10:51	67503 WEWI_T2	0	0	0	0	0	0	-0.25	-0.14	0	0	0	0	0
10/2/2023 10:52	59101 WALK_T2	1	1	0	0	0	0	2.3	2.37	0	0	0	0	0
10/2/2023 10:52	45902 AUBU_T1	0	0	0	0	0	0	-1.28	-1.29	2	2	0	1200	1200
10/2/2023 10:52	43304 WATS_T2	0	0	0	0	0	0	-0.29	-0.86	0	0	0	0	0
10/2/2023 10:52	43301 WATS_T2	1	0	-1	0.2	0	-0.2	0.45	0.43	0	0	0	0	0
10/2/2023 10:53	43301 WATS_T2	1	0	-1	0.2	0	-0.2	0	0	0	0	0	0	0
10/2/2023 10:56	52402 GRPA_T2	5	10	5	1.22	1.05	-0.17	0	0	0	0	0	0	0
10/2/2023 10:57	28403 HART_T2	0	0	0	0	0	0	-0.7	-0.7	1	1	0	900	900
10/2/2023 10:58	12701 MACU_T1	0	0	0	0	0	0	0.34	0.32	0	0	0	0	0
10/2/2023 10:58	52004 LING_T2	1	1	0	0.8	0.9	0.1	0.45	0.44	0	0	0	0	0
10/2/2023 11:00	59001 MIFF_T1	1	1	0	0.7	0.8	0.1	0	0	0	0	0	0	0
10/2/2023 11:01	59001 MIFF_T1	1	1	0	0.7	0.8	0.1	0	0	0	0	0	0	0
10/2/2023 11:01	42902 MIDD_T2	0	2	2	0	0.4	0.4	-0.32	-0.31	1	1	0	600	600
10/2/2023 11:02	59001 MIFF_T1	1	1	0	0.7	0.8	0.1	0	0	0	0	0	0	0
10/2/2023 11:03	59001 MIFF_T1	1	1	0	0.7	0.8	0.1	0	0	0	0	0	0	0
10/2/2023 11:03	54001 SDLE_T1	2	8	6	0.9	0.76	-0.14	0	0	0	0	0	0	0
10/2/2023 11:03	64802 MONE_T2	1	5	4	0.7	0.53	-0.17	0.37	0.42	0	0	0	0	0
10/2/2023 11:06	54001 SDLE_T1	2	8	6	0.9	0.76	-0.14	0	0	0	0	0	0	0
10/2/2023 11:07	42503 ALTA_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
10/2/2023 11:07	45902 AUBU_T1	0	0	0	0	0	0	-0.65	-0.68	1	1	0	600	600
10/2/2023 11:08	29401 BELT_T1	0	0	0	0	0	0	0	0	1	1	0	900	900
10/2/2023 11:08	60801 BLCK_T1	1	0	-1	3.6	0	-3.6	0	0	0	0	0	0	0
10/2/2023 11:08	45902 AUBU_T1	0	0	0	0	0	0	-0.65	-0.68	1	1	0	600	600
10/2/2023 11:08	10805 CHHI_T2	6	8	2	2.5	2.4	-0.1	-0.81	-0.7	2	2	0	1800	1800
10/2/2023 11:09	67503 WEWI_T2	2	1	-1	0.25	0.5	0.25	0	0	0	0	0	0	0
10/2/2023 11:09	67203 TEHI_T1	8	6	-2	0.63	0.57	-0.06	2.44	1.94	2	2	0	1500	1500
10/2/2023 11:10	56801 BENV_T1	53	52	-1	0.93	1.06	0.13	-0.71	-0.7	1	1	0	600	600
10/2/2023 11:10	60101 COCA_T1	1	2	1	0.4	0.45	0.05	0.47	0.51	0	0	0	0	0
10/2/2023 11:11	54505 ENOL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
10/2/2023 11:11	60801 BLCK_T1	1	0	-1	3.6	0	-3.6	0	0	0	0	0	0	0
10/2/2023 11:11	60101 COCA_T1	1	2	1	0.4	0.45	0.05	0.47	0.51	0	0	0	0	0
10/2/2023 11:12	52403 GRPA_T2	5	8	3	0.36	0.66	0.3	0	0	0	0	0	0	0
10/2/2023 11:14	23301 JEFF_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
10/2/2023 11:15	40101 HUNT_T2	0	0	0	0	0	0	-0.41	-0.16	0	0	0	0	0
10/2/2023 11:17	63201 MGTN_T2	0	0	0	0	0	0	1.02	1.05	1	1	0	600	600
10/2/2023 11:18	42001 MNVL_T2	1	1	0	3.7	4	0.3	-1.37	-1.31	0	0	0	0	0
10/2/2023 11:19	59102 WALK_T2	1	1	0	0.4	0.8	0.4	0	0	0	0	0	0	0
10/2/2023 11:19	42201 SHEN_T2	0	0	0	0	0	0	0.51	0.51	0	0	0	0	0
10/2/2023 11:20	59101 WALK_T2	1	1	0	0	0	0	1.99	2.18	0	0	0	0	0
10/2/2023 11:21	59102 WALK_T2	1	1	0	0.4	0.8	0.4	0	0	0	0	0	0	0
10/2/2023 11:22	59101 WALK_T2	1	1	0	0	0	0	1.99	2.18	0	0	0	0	0
10/2/2023 11:22	67401 WAKE_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
10/2/2023 11:23	66701 STRA_T1	0	1	1	0	1.5	1.5	0	0	0	0	0	0	0
10/2/2023 11:23	56803 BENV_T1	3	5	2	0.53	0.43	-0.1	0.44	0.49	0	0	0	0	0
10/2/2023 11:24	13705 SCHN_T1	1	1	0	0.2	0.5	0.3	0	0	0	0	0	0	0
10/2/2023 11:24	56801 BENV_T1	48	54	6	0.85	1.04	0.19	0	0	0	0	0	0	0
10/2/2023 11:25	56803 BENV_T1	3	5	2	0.53	0.43	-0.1	0.88	0.98	0	0	0	0	0
10/2/2023 11:26	13705 SCHN_T1	1	1	0	0.2	0.5	0.3	0	0	0	0	0	0	0
10/2/2023 11:27	56801 BENV_T1	48	54	6	0.85	1.04	0.19	0	0	0	0	0	0	0
10/2/2023 11:27	52403 GRPA_T2	7	8	1	0.6	0.69	0.09	0.1	0.09	0	0	0	0	0
10/2/2023 11:28	13702 SCHN_T1	1	1	0	2	1.3	-0.7	0.27	0.25	0	0	0	0	0
10/2/2023 11:30	43202 MVIL_T2	0	0	0	0	0	0	-0.55	-0.54	0	0	0	0	0
10/2/2023 11:30	58401 MORO_T1	1	2	1	0.6	0.4	-0.2	0	0	0	0	0	0	0
10/2/2023 11:32	43202 MVIL_T2	0	0	0	0	0	0	-0.55	-0.54	0	0	0	0	0
10/2/2023 11:33	64101 REFR_T1	3	3	0	6.3	6.27	-0.03	-0.04	-0.03	0	0	0	0	0
10/2/2023 11:33	42001 MNVL_T2	6	4	-2	0.52	0.58	0.06	0.25	0.24	0	0	0	0	0
10/2/2023 11:33	58401 MORO_T1	1	2	1	0.6	0.4	-0.2	0	0	0	0	0	0	0
10/2/2023 11:34	64801 MONE_T2	0	1	1	0	0.1	0.1	0	0	0	0	0	0	0
10/2/2023 11:34	42001 MNVL_T2	6	4	-2	0.52	0.58	0.06	0	0	0	0	0	0	0
10/2/2023 11:34	44601 SALE_T2	0	0	0	0	0	0	0.47	1.54	1	1	0	600	600
10/2/2023 11:35	44601 SALE_T2	0	0	0	0	0	0	0.47	1.54	1	1	0	600	600
10/2/2023 11:38	13701 SCHN_T2	2	2	0	0.2	0.3	0.1	0	0	0	0	0	0	0
10/2/2023 11:38	49803 UNIV_T1	1	1	0	0.3	0.9	0.6	-0.87	-0.83	0	0	0	0	0
10/2/2023 11:39	13701 SCHN_T2	2	2	0	0.2	0.3	0.1	0	0	0	0	0	0	0
10/2/2023 11:43	52403 GRPA_T2	8	7	-1	0.6	0.69	0.09	0.26	0.23	0	0	0	0	0
10/2/2023 11:43	52401 GRPA_T2	1	2	1	0.3	0.35	0.05	-0.42	-0.41	0	0	0	0	0
10/2/2023 11:43	13702 SCHN_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
10/2/2023 11:44	52402 GRPA_T2	14	29	15	0.73	0.57	-0.16	0	0	0	0	0	0	0
10/2/2023 11:45	46801 HEPB_T2	2	2	0	0.6	0.5	-0.1	0.77	0.74	0	0	0	0	0
10/2/2023 11:46	58402 MORO_T1	0	0	0	0	0	0	-1.74	-1.73	3	3	0	2400	2400
10/2/2023 11:48	64101 REFR_T1	3	3	0	6.23	6.3	0.07	-0.03	-0.03	0	0	0	0	0
10/2/2023 11:49	45303 WBER_T2	8	78	70	0.79	0.49	-0.3	-0.63	-0.7	0	0	0	0	0
10/2/2023 11:49	58402 MORO_T1	0	0	0	0	0	0	-1.74	-1.73	3	3	0	2400	2400
10/2/2023 11:50	43304 WATS_T2	0	0	0	0	0	0	-0.47	-0.42	0	0	0	0	0
10/2/2023 11:50	43304 WATS_T2	0	0	0	0	0	0	-0.47	-0.42	0	0	0	0	0
10/2/2023 11:50	45303 WBER_T2	8	78	70	0.79	0.49	-0.3	-0.63	-0.7	0	0	0	0	0
10/2/2023 11:51	43301 WATS_T2	1	1	0	0.1	0.5	0.4	0	0	0	0	0	0	0
10/2/2023 11:51	43304 WATS_T2	0	0	0	0	0	0	-0.47	-0.42	0	0	0	0	0
10/2/2023 11:51	46001 BERW_T1	0	0	0	0	0	0	1.08	1.11	0	0	0	0	0
10/2/2023 11:54	49803 UNIV_T1	1	1	0	0.4	0.9	0.5	-0.83	-0.77	0	0	0	0	0
10/2/2023 11:54	43402 BENT_T1	0	0	0	0	0	0	-0.61	-0.6	1	1	0	900	900
10/2/2023 11:54	43301 WATS_T2	1	1	0	0.1	0.5	0.4	0	0	0	0	0	0	0
10/2/2023 11:55	43301 WATS_T2	1	1	0	0.1	0.5	0.4	0	0	0	0	0	0	0
10/2/2023 11:55	61001 DONV_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
10/2/2023 11:55	62604 ENGL_T1	0	0	0	0	0	0	-1.19	-1.24	1	1	0	600	600
10/2/2023 11:59	52402 GRPA_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
10/2/2023 11:59	53501 EVIL_T2	1	1	0	0.7	0.6	-0.1	-0.15	0.18	1	1	0	600	600
10/2/2023 12:03	43402 BENT_T1	3	3	0	0	0.23	0.23	-0.6	-1.22	1	2	1	900	1500
10/2/2023 12:03	46001 BERW_T1	0	0	0	0	0	0	1.11	1	0	0	0	0	0
10/2/2023 12:05	23401 HONE_T2	0	0	0	0	0	0	-0.35	-0.38	0	0	0	0	0
10/2/2023 12:05	49803 UNIV_T1	1	0	-1	0.9	0	-0.9	-0.77	-0.93	0	0	0	0	0
10/2/2023 12:05	53501 EVIL_T2	1	2	1	0.2	0.6	0.4	-0.31	0.37	2	2	0	1200	1200
10/2/2023 12:06	42201 SHEN_T2	0	0	0	0	0	0	0.5	0.51	0	0	0	0	0
10/2/2023 12:09	64101 REFR_T1	3	3	0	6.23	6.77	0.54	-0.03	0.03	0	0	0	0	0
10/2/2023 12:10	42503 ALTA_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
10/2/2023 12:11	42901 MIDD_T2	0	1	1	0	0.1	0.1	0	0	0	0	0	0	0
10/2/2023 12:11	52403 GRPA_T2	7	22	15	0.56	0.32	-0.24	0.18	0.27	0	0	0	0	0
10/2/2023 12:11	52402 GRPA_T2	16	15	-1	0.72	0.77	0.05	0	0	0	0	0	0	0
10/2/2023 12:13	52402 GRPA_T2	16	15	-1	0.72	0.77	0.05	0	0	0	0	0	0	0
10/2/2023 12:16	52402 GRPA_T2	10	15	5	0.79	0.76	-0.03	0	0	0	0	0	0	0
10/2/2023 12:16	23401 HONE_T2	0	0	0	0	0	0	-0.38	-0.5	0	0	0	0	0
10/2/2023 12:17	42902 MIDD_T2	5	4	-1	0.56	0.58	0.02	-0.38	-0.44	1	1	0	600	600
10/2/2023 12:17	45003 LIME_2	1	1	0	2.7	2.6	-0.1	0	0	1	1	0	1200	1200
10/2/2023 12:32	64802 MONE_T2	2	2	0	0.5	0.6	0.1	0.28	0.3	0	0	0	0	0
10/2/2023 12:36	24901 WHHA_T1	1	4	3	0.3	0.25	-0.05	1.18	1.08	0	0	0	0	0
10/2/2023 12:38	46001 BERW_T1	0	0	0	0	0	0	1	1.06	0	0	0	0	0
10/2/2023 12:41	46001 BERW_T1	0	0	0	0	0	0	1	1.06	0	0	0	0	0
10/2/2023 12:42	23401 HONE_T2	0	0	0	0	0	0	-0.25	-0.2	0	0	0	0	0
10/2/2023 12:42	13704 SCHN_T2	1	1	0	0.3	0.3	0	0.22	0.22	0	0	0	0	0
10/2/2023 12:42	13702 SCHN_T1	1	1	0	2.8	2.2	-0.6	0.25	0.26	0	0	0	0	0
10/2/2023 12:49	14802 TREI_T2	0	0	0	0	0	0	0.61	0.64	0	0	0	0	0
10/2/2023 12:50	14801 TREI_T2	3	3	0	0.67	0.73	0.06	0.53	0.55	0	0	0	0	0
10/2/2023 12:53	14802 TREI_T2	0	0	0	0	0	0	0.61	0.64	0	0	0	0	0
10/2/2023 12:57	52401 GRPA_T2	1	0	-1	0.4	0	-0.4	0	0	0	0	0	0	0
10/2/2023 12:59	52402 GRPA_T2	11	9	-2	0.73	0.76	0.03	0	0	0	0	0	0	0
10/2/2023 12:59	52401 GRPA_T2	1	0	-1	0.4	0	-0.4	-0.4	-0.4	0	0	0	0	0
10/2/2023 12:59	23301 JEFF_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
10/2/2023 12:59	53901 HALI_T2	3	2	-1	0.53	0.85	0.32	0	0	0	0	0	0	0
10/2/2023 13:00	52402 GRPA_T2	9	8	-1	0.73	0.71	-0.02	0	0	0	0	0	0	0
10/2/2023 13:06	46302 ROHR_T1	4	4	0	1.05	1.5	0.45	0	0	0	0	0	0	0
10/2/2023 13:08	43001 ALWD_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
10/2/2023 13:09	43001 ALWD_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
10/2/2023 13:12	13702 SCHN_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
10/2/2023 13:14	45003 LIME_2	1	1	0	1.6	1.7	0.1	0	0	1	1	0	1200	1200
10/2/2023 13:16	53903 HALI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
10/2/2023 13:17	61303 EARL_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
10/2/2023 13:27	42503 ALTA_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
10/2/2023 13:30	52401 GRPA_T2	0	0	0	0	0	0	-0.4	-0.4	0	0	0	0	0
10/2/2023 13:32	60604 NCOL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
10/2/2023 13:33	61303 EARL_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
10/2/2023 13:34	58401 MORO_T1	0	1	1	0	0.4	0.4	0	0	0	0	0	0	0
10/2/2023 13:39	45402 WBLO_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
10/2/2023 13:44	44502 HAMI_T2	1	1	0	1	1.6	0.6	-0.56	-0.51	0	0	0	0	0
10/2/2023 13:45	52402 GRPA_T2	2	1	-1	1.7	3.1	1.4	0	0	0	0	0	0	0
10/2/2023 13:48	61303 EARL_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
10/2/2023 13:48	60604 NCOL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
10/2/2023 13:48	64101 REFR_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
10/2/2023 13:50	43202 MVIL_T2	0	0	0	0	0	0	-1	-1.02	0	0	0	0	0
10/2/2023 13:51	13704 SCHN_T2	0	0	0	0	0	0	0.22	0.23	0	0	0	0	0
10/2/2023 14:01	23401 HONE_T2	0	0	0	0	0	0	-0.3	-0.25	0	0	0	0	0
10/2/2023 14:01	59301 MCAL_T1	4	5	1	0.53	0.46	-0.07	0	0	0	0	0	0	0
10/2/2023 14:02	46801 HEPB_T2	0	0	0	0	0	0	0.87	0.9	0	0	0	0	0
10/2/2023 14:05	42802 SELI_T1	0	0	0	0	0	0	-0.72	-0.66	0	0	0	0	0
10/2/2023 14:06	42802 SELI_T1	0	0	0	0	0	0	-0.72	-0.66	0	0	0	0	0
10/2/2023 14:06	45902 AUBU_T1	0	0	0	0	0	0	-1.67	-1.65	2	2	0	1200	1200
10/2/2023 14:08	46001 BERW_T1	0	0	0	0	0	0	1.1	1.15	0	0	0	0	0
10/2/2023 14:08	15001 BLMO_T1	0	1	1	0	0	0	0	0	0	0	0	0	0
10/2/2023 14:08	45902 AUBU_T1	0	0	0	0	0	0	-0.83	-0.83	1	1	0	600	600
10/2/2023 14:08	45902 AUBU_T1	0	0	0	0	0	0	-0.83	-0.83	1	1	0	600	600
10/2/2023 14:09	15001 BLMO_T1	0	1	1	0	0	0	0	0	0	0	0	0	0
10/2/2023 14:10	53502 EVIL_T2	0	1	1	0	0	0	0	0	0	0	0	0	0
10/2/2023 14:11	13702 SCHN_T1	1	1	0	1.5	0.6	-0.9	0.25	0.27	0	0	0	0	0
10/2/2023 14:11	53502 EVIL_T2	0	1	1	0	0	0	0	0	0	0	0	0	0
10/2/2023 14:11	15001 BLMO_T1	0	1	1	0	0	0	0	0	0	0	0	0	0
10/2/2023 14:11	46001 BERW_T1	0	0	0	0	0	0	1.1	1.15	0	0	0	0	0
10/2/2023 14:12	53902 HALI_T2	1	0	-1	0.1	0	-0.1	0	0	0	0	0	0	0
10/2/2023 14:12	15001 BLMO

Appendix C - Grid Benefits Achieved in Each Instance of Active Management

10/2/2023 14:34	60604 NCOL_T2	0	0	0	0	0	0	-0.3	-0.26	0	0	0	0	0	0
10/2/2023 14:35	65402 MARI_T1	0	0	0	0	0	0	-0.01	-0.01	0	0	0	0	0	0
10/2/2023 14:36	59101 WALK_T2	1	1	0	0	0	0	1.75	1.86	1	1	0	600	600	0
10/2/2023 14:37	43001 ALWD_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/2/2023 14:37	45902 AUBU_T1	0	0	0	0	0	0	-0.74	-0.77	1	1	0	600	600	0
10/2/2023 14:37	59101 WALK_T2	1	1	0	0	0	0	1.75	1.86	1	1	0	600	600	0
10/2/2023 14:38	45902 AUBU_T1	0	0	0	0	0	0	-0.74	-0.77	1	1	0	600	600	0
10/2/2023 14:38	45901 AUBU_T1	0	0	0	0	0	0	0.43	0.28	0	0	0	0	0	0
10/2/2023 14:38	43001 ALWD_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/2/2023 14:38	49804 UNIV_T1	1	1	0	0.6	0.4	-0.2	0	0	0	0	0	0	0	0
10/2/2023 14:38	13702 SCHN_T1	1	1	0	3.4	2.8	-0.6	0.29	0.27	0	0	0	0	0	0
10/2/2023 14:38	45402 WBLO_T2	2	1	-1	0.7	1	0.3	-0.51	-0.48	0	0	0	0	0	0
10/2/2023 14:38	42201 SHEN_T2	0	0	0	0	0	0	0.26	0.17	1	1	0	600	600	0
10/2/2023 14:39	45902 AUBU_T1	0	0	0	0	0	0	-0.74	-0.77	1	1	0	600	600	0
10/2/2023 14:40	15001 BLMO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/2/2023 14:42	13702 SCHN_T1	1	1	0	3.4	2.8	-0.6	0.29	0.27	0	0	0	0	0	0
10/2/2023 14:42	23401 HONE_T2	0	1	1	0	0.3	0.3	-0.24	-0.26	0	0	0	0	0	0
10/2/2023 14:42	44502 HAMI_T2	1	1	0	1.6	1.9	0.3	-0.51	-0.54	0	0	0	0	0	0
10/2/2023 14:42	52402 GRPA_T2	1	1	0	2.6	2.9	0.3	0	0	0	0	0	0	0	0
10/2/2023 14:43	23401 HONE_T2	0	1	1	0	0.3	0.3	-0.24	-0.26	0	0	0	0	0	0
10/2/2023 14:44	52402 GRPA_T2	1	1	0	2.6	2.9	0.3	0	0	0	0	0	0	0	0
10/2/2023 14:44	15001 BLMO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/2/2023 14:45	15001 BLMO_T1	1	0	-1	8.4	0	-8.4	0	0	0	0	0	0	0	0
10/2/2023 14:45	65402 MARI_T1	0	0	0	0	0	0	-0.01	-0.01	0	0	0	0	0	0
10/2/2023 14:46	40901 IESH_T1	1	1	0	0.2	0	-0.2	0	0	0	0	0	0	0	0
10/2/2023 14:46	52403 GRPA_T2	2	2	0	0.2	0	-0.2	0.11	0.12	0	0	0	0	0	0
10/2/2023 14:46	64101 REFR_T1	3	3	0	6.4	6.6	0.2	0.2	0.26	0	0	0	0	0	0
10/2/2023 14:47	43202 MVIL_T2	0	0	0	0	0	0	-0.5	-0.5	0	0	0	0	0	0
10/2/2023 14:47	65401 MARI_T1	8	0	-8	0.28	0	-0.28	0	0	0	0	0	0	0	0
10/2/2023 14:47	64101 REFR_T1	3	3	0	6.4	6.6	0.2	0.2	0.26	0	0	0	0	0	0
10/2/2023 14:48	42002 MNVL_T2	1	1	0	5.5	5	-0.5	-0.84	-0.95	0	0	0	0	0	0
10/2/2023 14:48	43202 MVIL_T2	0	0	0	0	0	0	-0.5	-0.5	0	0	0	0	0	0
10/2/2023 14:48	64101 REFR_T1	3	3	0	6.4	6.6	0.2	0.1	0.13	0	0	0	0	0	0
10/2/2023 14:48	65402 MARI_T1	0	0	0	0	0	0	-0.01	-0.01	0	0	0	0	0	0
10/2/2023 14:49	60604 NCOL_T2	0	0	0	0	0	0	-0.26	-0.28	0	0	0	0	0	0
10/2/2023 14:49	42902 MIDD_T2	1	3	2	0.8	0.75	-0.05	-0.19	-0.19	1	1	0	600	600	0
10/2/2023 14:49	59302 MCAL_T1	0	0	0	0	0	0	0.06	0.11	1	1	0	600	600	0
10/2/2023 14:50	65402 MARI_T1	0	0	0	0	0	0	-0.01	-0.01	0	0	0	0	0	0
10/2/2023 14:52	16302 ALPA_T2	0	0	0	0	0	0	-0.12	-0.16	0	0	0	0	0	0
10/2/2023 14:52	67204 TEHI_T2	0	0	0	0	0	0	0.05	0.07	0	0	0	0	0	0
10/2/2023 14:53	16302 ALPA_T2	0	0	0	0	0	0	-0.24	-0.32	0	0	0	0	0	0
10/2/2023 14:53	66703 STRA_T1	0	0	0	0	0	0	0.25	0.29	0	0	0	0	0	0
10/2/2023 14:53	67204 TEHI_T2	0	0	0	0	0	0	0.05	0.07	0	0	0	0	0	0
10/2/2023 14:53	46001 BERW_T1	0	0	0	0	0	0	1.13	1.17	0	0	0	0	0	0
10/2/2023 14:55	16302 ALPA_T2	0	0	0	0	0	0	-0.12	-0.16	0	0	0	0	0	0
10/2/2023 14:55	64101 REFR_T1	3	3	0	6.4	6.6	0.2	0.1	0.13	0	0	0	0	0	0
10/2/2023 14:56	64101 REFR_T1	3	3	0	6.4	6.6	0.2	0.1	0.13	0	0	0	0	0	0
10/2/2023 14:56	46001 BERW_T1	0	0	0	0	0	0	1.13	1.17	0	0	0	0	0	0
10/2/2023 15:03	44601 SALE_T2	0	0	0	0	0	0	0.41	1	1	2	1	600	900	300
10/2/2023 15:04	65802 RTWN_T2	0	1	1	0	0.8	0.8	-0.17	-0.19	0	0	0	0	0	0
10/2/2023 15:04	44601 SALE_T2	0	0	0	0	0	0	0.41	1	1	2	1	600	900	300
10/2/2023 15:05	42002 MNVL_T2	1	1	0	5.3	4.5	-0.8	0	0	0	0	0	0	0	0
10/2/2023 15:06	59101 WALK_T2	1	2	1	0	0	0	1.85	1.68	1	1	0	600	600	0
10/2/2023 15:09	60305 TWVA_T2	0	0	0	0	0	0	-1.41	-1.42	2	2	0	2400	2400	0
10/2/2023 15:09	24901 WHHA_T1	2	4	2	0.4	0.35	-0.05	0	0	0	0	0	0	0	0
10/2/2023 15:09	67401 WAKE_T2	0	0	0	0	0	0	-0.9	-0.92	0	0	0	0	0	0
10/2/2023 15:15	62604 ENGL_T1	0	0	0	1	0	0	-1.09	-1.05	1	1	0	600	600	0
10/2/2023 15:15	46801 HEPB_T2	0	0	0	0	0	0	0.89	0.91	0	0	0	0	0	0
10/2/2023 15:19	64802 MONE_T2	2	0	-2	0.2	0	-0.2	0.18	0.21	0	0	0	0	0	0
10/2/2023 15:21	52502 PROG_T2	0	0	0	0	0	0	-0.22	-0.23	1	1	0	900	900	0
10/2/2023 15:23	42503 ALTA_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/2/2023 15:30	64305 LINC_T1	0	0	0	0	0	0	-0.63	-0.68	0	0	0	0	0	0
10/2/2023 15:30	26401 INOR_T1	0	0	0	0	0	0	0.63	0.66	0	0	0	0	0	0
10/2/2023 15:31	61301 EARL_T1	0	0	0	0	0	0	-1.3	-1.33	2	2	0	1800	1800	0
10/2/2023 15:33	64101 REFR_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/2/2023 15:36	43304 WATS_T2	0	0	0	0	0	0	-0.37	-0.37	0	0	0	0	0	0
10/2/2023 15:37	59101 WALK_T2	2	2	0	0.9	0.4	-0.5	1.83	1.81	1	1	0	600	600	0
10/2/2023 15:40	53501 EVIL_T2	1	0	-1	0.3	0	-0.3	-3.44	-3.6	6	6	0	4500	4500	0
10/2/2023 15:43	52403 GRPA_T2	1	1	0	1.6	1.2	-0.4	0.2	0.17	0	0	0	0	0	0
10/2/2023 15:45	64303 LINC_T1	0	0	0	0	0	0	-0.16	-0.14	0	0	0	0	0	0
10/2/2023 15:50	59102 WALK_T2	0	1	1	0	0.2	0.2	0	0	0	0	0	0	0	0
10/2/2023 15:50	42201 SHEN_T2	0	2	2	0	0.1	0.1	0.18	0.18	1	1	0	600	600	0
10/2/2023 15:51	59102 WALK_T2	0	1	1	0	0.2	0.2	0	0	0	0	0	0	0	0
10/2/2023 15:52	59101 WALK_T2	2	3	1	0.8	0	-0.8	1.81	1.71	1	1	0	600	600	0
10/2/2023 16:07	59102 WALK_T2	0	1	1	0	0.2	0.2	0	0	0	0	0	0	0	0
10/2/2023 16:12	52402 GRPA_T2	1	3	2	2.9	1.2	-1.7	0	0	0	0	0	0	0	0
10/2/2023 16:19	59302 MCAL_T1	0	1	1	0	0	0	0	0	0	0	0	0	0	0
10/2/2023 16:31	64101 REFR_T1	3	3	0	6.6	7.17	0.57	0.14	0.22	0	0	0	0	0	0
10/2/2023 16:32	64101 REFR_T1	3	3	0	6.6	7.17	0.57	0.07	0.11	0	0	0	0	0	0
10/2/2023 16:33	64101 REFR_T1	3	3	0	6.6	7.17	0.57	0.07	0.11	0	0	0	0	0	0
10/2/2023 16:34	64101 REFR_T1	3	3	0	6.6	7.17	0.57	0.07	0.11	0	0	0	0	0	0
10/2/2023 16:35	64101 REFR_T1	3	3	0	6.6	7.17	0.57	0.07	0.11	0	0	0	0	0	0
10/2/2023 16:41	52403 GRPA_T2	2	2	0	0.65	1.1	0.45	0.2	0.23	0	0	0	0	0	0
10/2/2023 16:49	65902 SAKR_T2	0	0	0	0	0	0	0.11	0.03	1	1	0	300	300	0
10/2/2023 16:54	49803 UNIV_T1	0	0	0	0	0	0	-0.8	-0.8	0	0	0	0	0	0
10/2/2023 17:21	59102 WALK_T2	0	1	1	0	0.1	0.1	0	0	0	0	0	0	0	0
10/2/2023 17:21	45901 AUBU_T1	0	0	0	0	0	0	0.09	0.06	0	0	0	0	0	0
10/2/2023 17:24	45901 AUBU_T1	0	0	0	0	0	0	0.09	0.06	0	0	0	0	0	0
10/2/2023 17:41	43402 BENT_T1	0	0	0	0	0	0	-1.5	-0.88	1	1	0	900	900	0
10/2/2023 18:20	43402 BENT_T1	0	0	0	0	0	0	-0.9	-0.89	1	1	0	900	900	0
10/2/2023 18:29	43402 BENT_T1	0	0	0	0	0	0	-0.9	-0.89	1	1	0	900	900	0
10/2/2023 18:58	26603 BROO_T1	0	0	0	0	0	0	0.28	0.32	0	0	0	0	0	0
10/2/2023 19:00	26603 BROO_T1	0	0	0	0	0	0	0.32	0.3	0	0	0	0	0	0
10/2/2023 19:14	56801 BENV_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/2/2023 19:20	43402 BENT_T1	0	1	1	0	0	0	-0.89	-0.9	1	1	0	900	900	0
10/2/2023 19:29	43402 BENT_T1	0	1	1	0	0	0	-0.89	-0.9	1	1	0	900	900	0
10/2/2023 19:40	43402 BENT_T1	1	0	-1	1.1	0	-1.1	-0.9	-0.89	1	1	0	900	900	0
10/2/2023 19:45	54701 NEBL_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/2/2023 19:47	23301 JEFF_T1	0	1	1	0	0	0	0	0	0	0	0	0	0	0
10/2/2023 19:47	26401 INOR_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/2/2023 19:48	61303 EARL_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/2/2023 19:50	42503 ALTA_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/2/2023 19:50	56802 BENV_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/2/2023 19:51	13702 SCHN_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/2/2023 19:52	42401 GIMA_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/2/2023 19:54	56802 BENV_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/2/2023 19:55	64101 REFR_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/2/2023 19:55	46203 DANV_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/2/2023 19:56	42002 MNVL_T2	1	1	0	3.1	2.7	-0.4	0	0	0	0	0	0	0	0
10/2/2023 19:56	45802 HEGI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/2/2023 19:56	46301 ROHR_T1	1	1	0	0.4	0	-0.4	0	0	0	0	0	0	0	0
10/2/2023 19:56	60604 NCOL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/2/2023 19:57	54701 NEBL_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/2/2023 19:57	43301 WATS_T2	1	0	-1	0.2	0	-0.2	0	0	0	0	0	0	0	0
10/2/2023 19:59	53903 HALI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/2/2023 20:01	45402 WBLO_T2	0	18	18	0	0.12	0.12	0	0	0	0	0	0	0	0
10/2/2023 20:19	59003 MIFF_T1	0	0	0	0	0	0	0.84	0.71	0	0	0	0	0	0
10/2/2023 20:29	56802 BENV_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/2/2023 20:40	56802 BENV_T2	1	1	0	0.3	0.3	0	-0.53	-0.58	0	0	0	0	0	0
10/2/2023 20:42	29401 BELT_T1	0	0	0	0	0	0	0	0	2	2	0	1800	1800	0
10/2/2023 20:44	16302 ALPA_T2	0	0	0	0	0	0	0.79	0.79	0	0	0	0	0	0
10/2/2023 20:45	28805 LAKE_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/2/2023 20:45	45902 AUBU_T1	0	0	0	0	0	0	-1.04	-1.02	1	1	0	600	600	0
10/2/2023 20:45	17802 GILB_T1	0	0	0	0	0	0	0.02	0.03	0	0	0	0	0	0
10/2/2023 20:45	24902 WHHA_T1	0	0	0	0	0	0	0.48	0.47	0	0	0	0	0	0
10/2/2023 20:45	60305 TWVA_T2	0	0	0	0	0	0	-1.28	-0.82	2	2	0	2400	2400	0
10/2/2023 20:46	20403 ASHF_T2	0	0	0	0	0	0	0.22	0.23	0	0	0	0	0	0
10/2/2023 20:47	64101 REFR_T1	3	3	0	8.3	8.2	-0.1	0.07	0.05	0	0	0	0	0	0
10/2/2023 20:47	10801 CHHI_T1	0	0	0	0	0	0	-1.78	-1.82	3	3	0	2100	2100	0
10/2/2023 20:47	12701 MACU_T1	0	0	0	0	0	0	0.14	0.12	0	0	0	0	0	0
10/2/2023 20:47	13704 SCHN_T2	0	0	0	0	0	0	-0.3	-0.31	0	0	0	0	0	0
10/2/2023 20:47	15001 BLMO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/2/2023 20:48	28601 BLYT_T2	0	1	1	0	0.4	0.4	0	0	0	0	0	0	0	0
10/2/2023 20:48	54701 NEBL_T1	0	1	1	0	0.1	0.1	0	0	1	1	0	600	600	0
10/2/2023 20:49	64301 LINC_T1	0	0	0	0	0	0	-0.25	-0.15	1	1	0	600	600	0
10/2/2023 20:49	16302 ALPA_T2	0	0	0	0	0	0	0.79	0.79	0	0	0	0	0	0
10/2/2023 20:50	46001 BERW_T1	0	0	0	0	0	0	0.95	0.99	0	0	0	0	0	0
10/2/2023 20:50	41801 GOCI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/2/2023 20:50	15001 BLMO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/2/2023 20:50	44601 SALE_T2	0	0	0	0	0	0	0.95	0.92	0	0	0	0	0	0
10/2/2023 20:50	44502 HAMI_T2	1	1	0	2.8	3	0.2	-0.67	-0.68	0	0	0	0	0	0
10/2/2023 20:50	56802 BENV_T2	1	1	0	0.3	0.5	0.2	-1.16	-1.22	0	0	0	0	0	0
10/2/2023 20:50	29401 BELT_T1	0	0	0	0	0	0	0	0	1	1	0	900	900	0
10/2/2023 20:51	66504 SMAN_T2	0	0	0	0	0	0	-1.35	-1.38	1	1	0	1200	1200	0
10/2/2023 20:51	54001 SDLE_T1	3	5	2	0.37	0.58	0.21	0	0	0	0	0	0	0	0
10/2/2023 20:51	59302 MCAL_T1	0	0	0	0	0	0	-0.33	-0.31	1	1	0	600	600	0
10/2/2023 20:51	29401 BELT_T1	0	0	0	0	0	0	0	0	1	1	0	900	900	0
10/2/2023 20:51	67502 WEWI_T2	0	0	0	0	0	0	-1.2	-1.23	1	1	0	900	900	0
10/2/2023 20:51	45902 AUBU_T1	0	0	0	0	0	0	-1.04	-1.02	1	1	0	600	600	0
10/2/2023 20:51	56801 BENV_T1	21	22	1	1.18	1.4	0.22	-0.68	-0.72	1	1	0	600	600	0
10/2/2023 20:51	60803 BUCK_T1	10	14	4	0.3	0.34	0.04	0	0	0	0	0	0	0	0
10/2/2023 20:51	52502 PROG_T2	0	0	0	0	0	0	-0.41	-0.44	1	1	0	900	900	0
10/2/2023 20:51	43301 WATS_T2	1	1	0	0.5	0.8	0.3	0.48	0.48	0	0	0	0	0	0
10/2/2023 20:51	13702 SCHN_T1	0	0	0	0	0	0	0.26	0.25	0	0	0	0	0	0
10/2/2023 20:51	29402 BELT_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/2/2023 20:52	60604 NCOL_T2	0	0	0	0	0	0	0.04	0.01	0	0	0	0	0	0
10/2/2023 20:52	64101 REFR_T1	3	3	0	8.3	8.2	-0.1	0.07	0.05	0	0	0	0	0	0
10/2/2023 20:52	15001 BLMO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/2/2023 20:53	56802 BENV_T2	1	1	0	0.3	0.5	0.2	-0.58	-0.61	0	0	0	0	0	0
10/2/2023 20:53	52402 GRPA_T2	4	5	1	1.23	1.28	0.05	0	0	0	0	0	0	0	0
10/2/2023 20:54	62606 ENGL_T1	0	1	1	0	0	0	0	0	0	0	0	0	0	0
10/2/2023 20:54	28601 BLYT_T2	0	1	1	0	0.4	0.4	0	0	0	0	0	0	0	0
10/2/2023 20:54	17802 GILB_T1	0	0	0	0	0	0	0.04	0.06	0	0	0	0	0	0
10/2/2023 20:55	43202 MVIL_T2	0	0	0	0	0	0	-0.68	-0.69	0	0	0	0	0	0
10/2/2023 20:55	59003 MIFF_T1	0	0	0	0	0	0	1.48	1.67	0	0	0	0	0	0
10/2/2023 20:55	43301 WATS_T2	1	1	0	0.5	0.8	0.3	0	0	0	0	0	0	0	0
10/2/2023 20:55	67203 TEHI_T1	1	1	0	0	0	0	2.37	2.42	1	1	0	600	600	0
10/2/2023 20:55	17804 GILB_T2	0	0	0	0	0	0	-0.52	-0.52	0	0	0	0	0	0
10/2/2023 20:56	60502 NMAN_T2	0	0	0	0	0	0	-0.06	-0.07	0	0	0	0	0	0
10/2/2023 20:56	43301 WATS_T2	1	1	0	0.5	0.8	0.3	0	0	0	0	0	0	0	0
10/2/2023 20:56	56802 BENV_T2	1	1	0	0.3	0.5	0.2	-0.58	-0.61	0	0	0	0	0	0
10/2/2023 20:56	64101 REFR_T1	3	3	0	8.3	8.2	-0.1	0.07	0.05	0	0	0	0	0	0
10/2/2023 20:56	49803 UNIV_T1	0	0	0	0	0	0	-0.95	-0.95	0	0	0	0	0	0
10/2/2023 20:56	13702 SCHN_T1	0	0	0	0	0	0	0.26	0.25	0	0	0	0	0	0
10/2/2023 20:56	41901 REED_T1	11	11	0	0.69	0.81	0.12	-1.45	-1.37	1	1	0	900	900	0
10/2/2023 20:57	59101 WALK_T2	1	1	0	0	0	0	1.26	1.11	1	1	0	450	450	0
10/2/2023 20:57	56802 BENV_T2	1	1	0	0.3	0.5	0.2	-0.58	-0.61	0	0	0	0	0	0
10/2/2023 20:58	43402 BENT_T1	0	0	0	0	0	0	-0.91	-0.91	1	1	0	900	900	0
10/2/2023 20:58	54001 SDLE_T1	3	5	2	0.37	0.58	0.21	0	0	0	0	0	0	0	0
10/2/2023 20:59	64101 REFR_T1	3	3	0	8.3	8.2	-0.1	0.05	0.03	0	0	0	0	0	0
10/2/2023 21:00	52404 GRPA_T2	1	1

Appendix C - Grid Benefits Achieved in Each Instance of Active Management

10/1/2023 0:28	56802 BENV_T2	1	1	0	0.1	0.1	0	-4.32	-4.62	0	0	0	0	0	0
10/1/2023 0:28	45303 WBER_T2	8	8	0	0.73	0.66	-0.07	-2.14	-2.2	0	0	0	0	0	0
10/1/2023 0:28	59301 MCAL_T1	2	1	-1	0.1	0.1	0	-1.05	-1.09	0	0	0	0	0	0
10/1/2023 0:28	45702 LIND_T2	1	1	0	0.5	1	0.5	-0.49	-0.5	0	0	0	0	0	0
10/1/2023 0:28	49803 UNIV_T1	0	0	0	0	0	0	-1.32	-1.33	0	0	0	0	0	0
10/1/2023 0:28	44601 SALE_T2	0	0	0	0	0	0	1.08	0.89	0	0	0	0	0	0
10/1/2023 0:28	28403 HART_T2	0	0	0	0	0	0	-1.44	-1.42	2	2	0	1800	1800	0
10/1/2023 0:28	43202 MVIL_T2	0	0	0	0	0	0	-0.77	-0.77	0	0	0	0	0	0
10/1/2023 0:28	42002 MNVL_T2	1	1	0	2.8	2.4	-0.4	-1.11	-1.3	0	0	0	0	0	0
10/1/2023 0:28	20403 ASHF_T2	0	0	0	0	0	0	-0.02	-0.06	0	0	0	0	0	0
10/1/2023 0:28	16302 ALPA_T2	0	0	0	0	0	0	0.64	0.6	0	0	0	0	0	0
10/1/2023 0:28	62604 ENGL_T1	0	0	0	0	0	0	-6.05	-6.27	4	4	0	2400	2400	0
10/1/2023 0:28	54701 NEBL_T1	0	0	0	0	0	0	0	0	1	1	0	600	600	0
10/1/2023 0:28	46801 HEPB_T2	1	2	1	0.1	0.2	0.1	0.5	0.53	0	0	0	0	0	0
10/1/2023 0:28	44802 EDAN_T2	0	0	0	0	0	0	-7.8	-7.98	3	3	0	3600	3600	0
10/1/2023 0:28	67204 TEHI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/1/2023 0:28	53901 HALI_T2	2	42	40	0.6	0.15	-0.45	0	0	0	0	0	0	0	0
10/1/2023 0:28	67402 WAKE_T2	1	1	0	6.4	6.6	0.2	0	0	0	0	0	0	0	0
10/1/2023 0:28	65902 SAKR_T2	0	0	0	0	0	0	0.02	0.02	0	0	0	0	0	0
10/1/2023 0:28	10805 CHHI_T2	1	1	0	8.2	8.5	0.3	-0.92	-0.89	1	1	0	600	600	0
10/1/2023 0:28	42802 SELI_T1	11	0	-11	0.26	0	-0.26	-2.64	-0.13	0	0	0	0	0	0
10/1/2023 0:28	45802 HEGI_T2	0	0	0	0	0	0	0.59	0.51	0	0	0	0	0	0
10/1/2023 0:28	66703 STRA_T1	5	8	3	0.4	0.4	0	-0.38	-0.37	0	0	0	0	0	0
10/1/2023 0:28	43001 ALWD_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/1/2023 0:28	48302 ORWI_T2	2	2	0	0.95	0.65	-0.3	-0.12	-0.14	0	0	0	0	0	0
10/1/2023 0:28	60803 BUCK_T1	0	0	0	0	0	0	-2.06	-2.08	2	2	0	1200	1200	0
10/1/2023 0:28	13503 MCMI_T2	0	0	0	0	0	0	-0.01	-0.01	0	0	0	0	0	0
10/1/2023 0:28	53601 DALM_T2	1	1	0	1	1.2	0.2	0.68	0.66	0	0	0	0	0	0
10/1/2023 0:28	17802 GILB_T1	0	0	0	0	0	0	0	-0.02	0	0	0	0	0	0
10/1/2023 0:28	12701 MACU_T1	0	0	0	0	0	0	0.06	0.03	0	0	0	0	0	0
10/1/2023 0:28	42201 SHEN_T2	0	0	0	0	0	0	-0.06	-0.08	2	2	0	1200	1200	0
10/1/2023 0:28	64802 MONE_T2	0	0	0	0	0	0	0.14	0.16	0	0	0	0	0	0
10/1/2023 0:28	15001 BLMO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/1/2023 0:28	44203 POIN_T2	0	0	0	0	0	0	-0.02	-0.07	1	1	0	900	900	0
10/1/2023 0:32	67204 TEHI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/1/2023 0:32	63201 MGTN_T2	0	0	0	0	0	0	0.46	0.41	1	1	0	600	600	0
10/1/2023 1:08	56802 BENV_T2	1	1	0	0.5	0.5	0	-2.98	-2.98	0	0	0	0	0	0
10/1/2023 3:09	43402 BENT_T1	0	0	0	0	0	0	-0.98	-0.99	1	1	0	900	900	0
10/1/2023 7:16	56802 BENV_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/1/2023 8:07	56802 BENV_T2	1	29	28	0.7	0.16	-0.54	-1.56	-0.72	0	0	0	0	0	0
10/1/2023 8:11	56802 BENV_T2	1	29	28	0.7	0.16	-0.54	-1.56	-0.72	0	0	0	0	0	0
10/1/2023 8:12	46203 DANV_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/1/2023 8:14	46801 HEPB_T2	2	3	1	0.7	2.2	1.5	0.62	0.6	0	0	0	0	0	0
10/1/2023 8:18	58402 MORO_T1	0	0	0	0	0	0	-1.87	-1.91	3	3	0	2400	2400	0
10/1/2023 8:19	58402 MORO_T1	0	0	0	0	0	0	-1.87	-1.91	3	3	0	2400	2400	0
10/1/2023 8:24	56802 BENV_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/1/2023 8:25	56802 BENV_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/1/2023 8:25	54502 ENOL_T2	1	1	0	0.8	0.8	0	-2.07	-2.01	1	1	0	600	600	0
10/1/2023 8:26	56603 HAMP_T1	3	25	22	0.1	0.14	0.04	0	0	0	0	0	0	0	0
10/1/2023 8:29	54502 ENOL_T2	1	1	0	0.8	0.8	0	-2.01	-2.05	1	1	0	600	600	0
10/1/2023 8:29	40101 HUNT_T2	0	0	0	0	0	0	-0.3	-0.28	0	0	0	0	0	0
10/1/2023 8:39	53601 DALM_T2	1	1	0	0.8	1.4	0.6	-0.09	-0.05	0	0	0	0	0	0
10/1/2023 8:46	52004 LING_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/1/2023 8:49	54504 ENOL_T2	0	1	1	0	0	0	0	0	0	0	0	0	0	0
10/1/2023 8:49	54701 NEBL_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/1/2023 8:54	67401 WAKE_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/1/2023 8:55	53601 DALM_T2	1	1	0	1.4	1.3	-0.1	-0.05	-0.01	0	0	0	0	0	0
10/1/2023 9:00	61001 DONV_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/1/2023 9:02	56802 BENV_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/1/2023 9:05	43001 ALWD_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/1/2023 9:05	54701 NEBL_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/1/2023 9:06	59102 WALK_T2	0	3	3	0	0.2	0.2	0	0	0	0	0	0	0	0
10/1/2023 9:07	26603 BROO_T1	0	0	0	0	0	0	0.14	0.15	0	0	0	0	0	0
10/1/2023 9:08	67001 STHI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/1/2023 9:10	26603 BROO_T1	0	0	0	0	0	0	0.14	0.15	0	0	0	0	0	0
10/1/2023 9:15	46203 DANV_T2	0	0	0	0	0	0	-0.05	-0.04	0	0	0	0	0	0
10/1/2023 9:20	59402 RFLD_T2	0	0	0	0	0	0	-1.25	-1.29	1	1	0	450	450	0
10/1/2023 9:21	43001 ALWD_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/1/2023 9:23	60801 BUCK_T1	0	0	0	0	0	0	0.11	0.13	0	0	0	0	0	0
10/1/2023 9:25	41801 GOCI_T2	5	4	-1	0.36	0.33	-0.03	0	0	0	0	0	0	0	0
10/1/2023 9:25	56802 BENV_T2	2	1	-1	0.75	1.2	0.45	-0.74	-0.73	0	0	0	0	0	0
10/1/2023 9:26	56802 BENV_T2	2	1	-1	0.75	1.2	0.45	-2.22	-2.19	0	0	0	0	0	0
10/1/2023 9:27	41801 GOCI_T2	5	4	-1	0.36	0.33	-0.03	0	0	0	0	0	0	0	0
10/1/2023 9:29	53501 EVIL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/1/2023 9:31	13503 MCMI_T2	0	0	0	0	0	0	-0.01	-0.01	0	0	0	0	0	0
10/1/2023 9:33	42001 MNVL_T2	2	96	94	0.2	0.19	-0.01	0.02	0.02	0	0	0	0	0	0
10/1/2023 9:36	14402 SSLA_T1	4	36	32	0.2	0.17	-0.03	0	0	0	0	0	0	0	0
10/1/2023 9:36	43001 ALWD_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/1/2023 9:36	59101 WALK_T2	1	3	2	0	0.6	0.6	1.7	1.59	1	1	0	450	450	0
10/1/2023 9:37	29402 BELT_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/1/2023 9:38	14402 SSLA_T1	4	36	32	0.2	0.17	-0.03	0	0	0	0	0	0	0	0
10/1/2023 9:38	10801 CHHI_T1	0	1	1	0	0.2	0.2	-0.7	-0.72	1	1	0	900	900	0
10/1/2023 9:38	43001 ALWD_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/1/2023 9:41	17802 GILB_T1	0	3	3	0	0.4	0.4	0.16	0.16	0	0	0	0	0	0
10/1/2023 9:45	54701 NEBL_T1	0	0	0	0	0	0	0	0	0	1	1	0	600	600
10/1/2023 9:48	43202 MVIL_T2	1	1	0	0.5	0.3	-0.2	-0.56	-0.56	0	0	0	0	0	0
10/1/2023 9:49	41901 REED_T1	2	1	-1	0.1	0.1	0	-1.32	-1.26	1	1	0	900	900	0
10/1/2023 9:50	60604 NCOL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/1/2023 9:51	45902 AUBU_T1	0	0	0	0	0	0	-0.48	-0.5	1	1	0	600	600	0
10/1/2023 9:52	20401 ASHF_T2	0	1	1	0	0	0	0	0	0	0	0	0	0	0
10/1/2023 9:52	43202 MVIL_T2	1	1	0	0.5	0.3	-0.2	-0.56	-0.56	0	0	0	0	0	0
10/1/2023 9:53	45902 AUBU_T1	0	0	0	0	0	0	-0.48	-0.5	1	1	0	600	600	0
10/1/2023 9:54	20401 ASHF_T2	0	1	1	0	0	0	0	0	0	0	0	0	0	0
10/1/2023 9:54	15001 BLMO_T1	0	2	2	0	0.3	0.3	0	0	0	0	0	0	0	0
10/1/2023 9:56	40101 HUNT_T2	0	0	0	0	0	0	-0.27	-0.18	0	0	0	0	0	0
10/1/2023 9:57	23401 HONE_T2	0	0	0	0	0	0	-0.22	-0.25	0	0	0	0	0	0
10/1/2023 10:00	64301 LINC_T1	0	0	0	0	0	0	0.2	0.25	1	1	0	600	600	0
10/1/2023 10:00	52503 PROG_T2	1	1	0	0	0	0	-0.66	-0.66	1	1	0	900	900	0
10/1/2023 10:00	54001 SDLE_T1	8	8	0	0.73	0.7	-0.03	0	0	2	2	0	1200	1200	0
10/1/2023 10:00	23301 JEFF_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/1/2023 10:00	52502 PROG_T2	0	0	0	0	0	0	-0.65	-0.68	1	1	0	900	900	0
10/1/2023 10:00	67001 STHI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/1/2023 10:00	60604 NCOL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/1/2023 10:00	46203 DANV_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/1/2023 10:00	20401 ASHF_T2	0	1	1	0	0	0	-0.2	-0.19	1	1	0	600	600	0
10/1/2023 10:00	12601 MACA_T1	0	1	1	0	0	0	0	0	0	0	0	0	0	0
10/1/2023 10:00	64802 MONE_T2	1	1	0	0.3	0.7	0.4	0	0	0	0	0	0	0	0
10/1/2023 10:00	67204 TEHI_T2	0	0	0	0	0	0	-0.06	-0.03	0	0	0	0	0	0
10/1/2023 10:00	49804 UNIV_T1	1	1	0	0.2	0.1	-0.1	0	0	0	0	0	0	0	0
10/1/2023 10:00	41901 REED_T1	0	1	1	0	0.1	0.1	-1.26	-1.19	1	1	0	900	900	0
10/1/2023 10:00	56802 BENV_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/1/2023 10:00	53501 EVIL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/1/2023 10:00	45802 HEGI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/1/2023 10:00	61303 EARL_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/1/2023 10:00	53903 HALI_T2	2	2	0	0.55	0.4	-0.15	-0.07	-0.05	0	0	0	0	0	0
10/1/2023 10:00	43304 WATS_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/1/2023 10:00	67604 WARW_T1	0	0	0	0	0	0	0.83	0.78	0	0	0	0	0	0
10/1/2023 10:00	54701 NEBL_T1	0	0	0	0	0	0	0	0	2	2	0	1200	1200	0
10/1/2023 10:00	26401 INOR_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/1/2023 10:01	62607 ENGL_T1	0	4	4	0	0.13	0.13	0	0	0	0	0	0	0	0
10/1/2023 10:06	59101 WALK_T2	3	1	-2	0.6	0	-0.6	2.06	2.67	1	0	-1	450	0	-450
10/1/2023 10:06	45402 WILO_T2	4	1	-3	0.6	0.35	-0.25	0	0	0	0	0	0	0	0
10/1/2023 10:06	45902 AUBU_T1	0	0	0	0	0	0	-0.5	-0.53	1	1	0	600	600	0
10/1/2023 10:08	67001 STHI_T2	74	7	-67	0.12	0.27	0.15	0.1	0.12	0	0	0	0	0	0
10/1/2023 10:08	26603 BROO_T1	0	0	0	0	0	0	0.16	0.17	0	0	0	0	0	0
10/1/2023 10:08	43001 ALWD_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/1/2023 10:08	67204 TEHI_T2	0	0	0	0	0	0	-0.06	-0.03	0	0	0	0	0	0
10/1/2023 10:09	15001 BLMO_T1	0	3	3	0	0.23	0.23	0	0	0	0	0	0	0	0
10/1/2023 10:09	43001 ALWD_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/1/2023 10:09	43304 WATS_T2	0	0	0	0	0	0	0.11	-0.15	1	0	-1	600	0	-600
10/1/2023 10:09	20403 ASHF_T2	0	0	0	0	0	0	1.18	1.23	0	0	0	0	0	0
10/1/2023 10:09	45902 AUBU_T1	0	0	0	0	0	0	-0.5	-0.53	1	1	0	600	600	0
10/1/2023 10:10	60801 BUCK_T1	0	0	0	0	0	0	0.31	0.4	0	0	0	0	0	0
10/1/2023 10:10	26603 BROO_T1	0	0	0	0	0	0	0.16	0.17	0	0	0	0	0	0
10/1/2023 10:11	10801 CHHI_T1	1	4	3	0.2	0.28	0.08	-0.82	-0.64	1	1	0	900	900	0
10/1/2023 10:12	41801 GOCI_T2	4	4	0	0.43	0.35	-0.08	0	0	0	0	0	0	0	0
10/1/2023 10:13	20401 ASHF_T2	0	1	1	0	0	0	0	0	0	0	0	0	0	0
10/1/2023 10:13	23401 HONE_T2	0	0	0	0	0	0	-0.25	-0.22	0	0	0	0	0	0
10/1/2023 10:14	28403 HART_T2	0	0	0	0	0	0	-0.72	-0.7	1	1	0	900	900	0
10/1/2023 10:14	41801 GOCI_T2	4	4	0	0.43	0.35	-0.08	0	0	0	0	0	0	0	0
10/1/2023 10:14	45802 HEGI_T2	0	1	1	0	0	0	1.26	1.25	1	1	0	300	300	0
10/1/2023 10:15	42002 MNVL_T2	1	1	0	3.5	4	0.5	0	0	0	0	0	0	0	0
10/1/2023 10:15	17805 GILB_T2	3	3	0	0.57	0.3	-0.27	0	0	0	0	0	0	0	0
10/1/2023 10:15	12701 MACU_T1	0	0	0	0	0	0	0.07	0.04	0	0	0	0	0	0
10/1/2023 10:15	42002 MNVL_T2	1	1	0	3.5	4	0.5	0	0	0	0	0	0	0	0
10/1/2023 10:16	58402 MORO_T1	0	2	2	0	0.3	0.3	0	0	0	0	0	0	0	0
10/1/2023 10:18	44601 SALE_T2	0	0	0	0	0	0	0.43	1.22	1	1	0	600	600	0
10/1/2023 10:18	43202 MVIL_T2	1	1	0	0.3	1	0.7	-0.56	-0.56	0	0	0	0	0	0
10/1/2023 10:18	13503 MCMI_T2	1	1	0	0.2	0.3	0.1	-0.01	-0.01	0	0	0	0	0	0
10/1/2023 10:19	44601 SALE_T2	0	0	0	0	0	0	0.43	1.22	1	1	0	600	600	0
10/1/2023 10:19	58402 MORO_T1	0	0	0	0	0	0	-1.75	-1.74	3	3	0	2400	2400	0
10/1/2023 10:19	43202 MVIL_T2	1	1	0	0.3	1	0.7	-0.56	-0.56	0	0	0	0	0	0
10/1/2023 10:19	64802 MONE_T2	1	2	1	0.5	0.4	-0.1	0.34	0.34	0	0	0	0	0	0
10/1/2023 10:21	15001 BLMO_T1	2	3	1	0.3	0.23	-0.07	0	0	0	0	0	0	0	0
10/1/2023 10:22	66505 SMAN_T2	0	0	0	0	0	0	0.78	0.25	2	2	0	1100	1100	0
10/1/2023 10:22	67502 WEWI_T2	0	1	1	0	0.5	0.5	-0.21	-0.17	0	0	0	0	0	0
10/1/2023 10:22	15001 BLMO_T1	2	3	1	0.3	0.23	-0.07	0	0	0	0	0	0	0	0
10/1/2023 10:22	46203 DANV_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/1/2023 10:22	56802 BENV_T2	1	1	0	1.2	1.2	0	-0.69	-0.7	0	0	0	0	0	0
10/1/2023 10:23	28602 BLYT_T2	1	1	0	0.3	0.2	-0.1	0	0	0	0	0	0	0	0
10/1/2023 10:23	66505 SMAN_T2	0	0	0	0	0	0	0.78	0.25	2	2	0	1100	1100	0
10/1/2023 10:23	12701 MACU_T1	0	0	0	0	0	0	0.07	0.04	0	0	0	0	0	0
10/1/2023 10:23	56802 BENV_T2	1	1	0	1.2	1.2	0	-1.38	-1.4	0	0	0	0	0	0
10/1/2023 10:24	56802 BENV_T2	1	1	0	1.2	1.2	0	-1.38	-1.4	0	0	0	0	0	0
10/1/2023 10:24	62607 ENGL_T1	0	4	4	0	0.13	0.13	0	0	0	0	0	0	0	0
10/1/2023 10:24	28602 BLYT_T2	1	1	0	0.3	0.2	-0.1	0	0	0	0	0	0	0	0
10/1/2023 10:24	24902 WHHA_T1	0	0	0	0	0	0	0.44	0.46	0	0	0	0	0	0
10/1/2023 10:24	46203 DANV_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/1/2023 10:24	15001 BLMO_T1	2	3	1	0.3	0.23	-0.07	0	0	0	0	0	0	0	0
10/1/2023 10:25	53501 EVIL_T2	0	0	0	0	0	0	0.41	0.43	2	2	0	1200	1200	0
10/1/2023 10:25	62604 ENGL_T1	0	0	0	0	0	0	-1.38	-1.26	1	1	0	600	600	0
10/1/2023 10:25	67502 WEWI_T2	0	1	1	0	0.5	0.5	-0.1	-0.08	0	0	0	0	0	0
10/1/2023 10:25	56802 BENV_T2	1	1	0	1.2	1.2	0	-0.69	-0.7	0	0	0	0	0	0
10/1/2023 10:26	52402 GRPA_T2	4	3	-1	1.15	1.67	0.52	0	0	0	0	0	0	0	0
10/1/2023 10:26	17804 GILB_T2	6	5	-1	0.58	0.78	0.2	0	0	0	0	0	0	0	0
10/1/2023 10:26	62607 ENGL_T1	0	4	4	0	0.13	0.13	0	0	0	0	0	0	0	0
10/1/2023 10:26	56802 BENV_T2	1	1	0	1.2	1.2	0	-1.38	-1.4	0	0	0	0	0	0
10/1/2023 10:26	15001 BLMO_T1	2	3	1	0.3	0.23	-0.07	0	0	0	0	0	0	0	0
10/1/2023 10:27	52402 GRPA_T2	4	3	-1	1.15	1.67	0.52	0	0	0	0	0	0	0	0
10/1/2023 10:27	53502 EVIL_T2	1	1	0	0.7	0.4	-0.3	0	0	0	0	0	0	0	0
10/1/2023 10:28	62604 ENGL_T1	0	0	0

Appendix C - Grid Benefits Achieved in Each Instance of Active Management

10/3/2023 10:59	64801 MONE_T2	0	0	0	0	0	0	0.38	0.37	0	0	0	0	0	0
10/3/2023 11:00	40101 HUNT_T2	0	0	0	0	0	0	-0.15	-0.12	0	0	0	0	0	0
10/3/2023 11:01	58401 MORO_T1	1	1	0	0.2	0.3	0.1	0	0	0	0	0	0	0	0
10/3/2023 11:01	40101 HUNT_T2	0	0	0	0	0	0	-0.15	-0.12	0	0	0	0	0	0
10/3/2023 11:02	23301 JEFF_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/3/2023 11:04	67201 TEHI_T1	0	0	0	0	0	0	0.36	0.61	2	2	0	1500	1500	0
10/3/2023 11:05	59402 RFLD_T2	0	0	0	0	0	0	-1.17	-1.07	1	1	0	450	450	0
10/3/2023 11:05	67203 TEHI_T1	6	12	6	0.54	0.55	0.01	2.56	2.52	2	2	0	1500	1500	0
10/3/2023 11:06	59101 WALK_T2	1	3	2	0	0.25	0.25	4.46	5.16	0	0	0	0	0	0
10/3/2023 11:06	49804 UNIV_T1	1	1	0	0.6	0.5	-0.1	0	0	0	0	0	0	0	0
10/3/2023 11:06	66505 SMAN_T2	0	1	1	0	0.1	0.1	0	0	0	0	0	0	0	0
10/3/2023 11:06	67503 WEWI_T2	0	0	0	0	0	0	-0.26	-0.23	0	0	0	0	0	0
10/3/2023 11:07	56803 BENV_T1	3	3	0	0.57	0.4	-0.17	0	0	0	0	0	0	0	0
10/3/2023 11:07	45402 WILO_T2	4	4	0	0.43	0.93	0.5	-0.64	-0.61	0	0	0	0	0	0
10/3/2023 11:07	10805 CHHI_T2	1	5	4	9	9.1	0.1	-0.72	-0.75	2	2	0	1800	1800	0
10/3/2023 11:08	56803 BENV_T1	3	3	0	0.57	0.4	-0.17	0	0	0	0	0	0	0	0
10/3/2023 11:11	56801 BENV_T1	54	55	1	0.81	0.77	-0.04	-1.58	-1.66	2	2	0	1200	1200	0
10/3/2023 11:11	56802 BENV_T2	3	3	0	0.5	0.5	0	-0.65	-0.64	0	0	0	0	0	0
10/3/2023 11:12	56801 BENV_T1	54	55	1	0.81	0.77	-0.04	-0.79	-0.83	1	1	0	600	600	0
10/3/2023 11:14	64702 LITI_T2	1	1	0	0	0	0	-0.5	-0.39	0	0	0	0	0	0
10/3/2023 11:15	64702 LITI_T2	1	0	-1	0	0	0	-0.5	-0.39	0	0	0	0	0	0
10/3/2023 11:16	64702 LITI_T2	1	0	-1	0	0	0	-0.5	-0.39	0	0	0	0	0	0
10/3/2023 11:17	58402 MORO_T1	0	0	0	0	0	0	-1.7	-1.77	3	3	0	2400	2400	0
10/3/2023 11:17	64305 LINC_T1	0	0	0	0	0	0	0.27	0.25	0	0	0	0	0	0
10/3/2023 11:18	23301 JEFF_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/3/2023 11:20	42201 SHEN_T2	0	0	0	0	0	0	0.18	0.04	1	1	0	600	600	0
10/3/2023 11:21	59101 WALK_T2	1	3	2	0	0.45	0.45	2.58	1.78	0	1	1	0	600	600
10/3/2023 11:21	55101 WERT_T1	1	0	-1	0.2	0	-0.2	-1.07	-1.09	3	3	0	2400	2400	0
10/3/2023 11:22	66703 STRA_T1	0	0	0	0	0	0	0.04	0.22	0	0	0	0	0	0
10/3/2023 11:22	55101 WERT_T1	1	0	-1	0.2	0	-0.2	-2.15	-2.19	6	6	0	4800	4800	0
10/3/2023 11:22	56803 BENV_T1	3	3	0	0.4	0.35	-0.05	0	0	0	0	0	0	0	0
10/3/2023 11:23	55101 WERT_T1	1	0	-1	0.2	0	-0.2	-1.07	-1.09	3	3	0	2400	2400	0
10/3/2023 11:23	56803 BENV_T1	3	3	0	0.4	0.35	-0.05	0	0	0	0	0	0	0	0
10/3/2023 11:24	55101 WERT_T1	1	0	-1	0.2	0	-0.2	-1.07	-1.09	3	3	0	2400	2400	0
10/3/2023 11:25	46203 DANV_T2	4	6	2	0.35	0.32	-0.03	0	0	0	0	0	0	0	0
10/3/2023 11:25	28804 BLYT_T2	1	1	0	0.2	0.1	-0.1	-1.39	-1.36	0	0	0	0	0	0
10/3/2023 11:25	55101 WERT_T1	1	0	-1	0.2	0	-0.2	-1.07	-1.09	3	3	0	2400	2400	0
10/3/2023 11:26	60101 COCA_T1	0	2	2	0	0.45	0.45	0.92	1.06	0	0	0	0	0	0
10/3/2023 11:27	53902 HALI_T2	1	1	0	0.2	0.4	0.2	-0.81	-0.71	0	0	0	0	0	0
10/3/2023 11:27	56803 BENV_T1	3	3	0	0.4	0.35	-0.05	0	0	0	0	0	0	0	0
10/3/2023 11:28	53903 HALI_T2	2	2	0	0.6	0.5	-0.1	-0.03	-0.03	0	0	0	0	0	0
10/3/2023 11:29	53903 HALI_T2	2	2	0	0.6	0.5	-0.1	-0.03	-0.04	0	0	0	0	0	0
10/3/2023 11:30	60604 NCOL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/3/2023 11:32	54001 SDLE_T1	6	4	-2	0.6	0.83	0.23	0	0	0	0	0	0	0	0
10/3/2023 11:33	54001 SDLE_T1	6	4	-2	0.6	0.83	0.23	0	0	0	0	0	0	0	0
10/3/2023 11:37	66701 STRA_T1	1	1	0	0.7	0.8	0.1	0	0	0	0	0	0	0	0
10/3/2023 11:38	16302 ALPA_T2	0	1	1	0	0.2	0.2	-0.46	-0.35	0	0	0	0	0	0
10/3/2023 11:40	16302 ALPA_T2	0	1	1	0	0.2	0.2	-0.46	-0.35	0	0	0	0	0	0
10/3/2023 11:41	16302 ALPA_T2	0	1	1	0	0.2	0.2	-0.46	-0.35	0	0	0	0	0	0
10/3/2023 11:45	65401 MARI_T1	1	8	7	0.2	0	-0.2	0	0	0	0	0	0	0	0
10/3/2023 11:46	60604 NCOL_T2	0	0	0	0	0	0	-0.49	-0.41	0	0	0	0	0	0
10/3/2023 11:47	65402 MARI_T1	0	1	1	0	0.1	0.1	-0.01	-0.01	0	0	0	0	0	0
10/3/2023 11:48	65402 MARI_T1	0	1	1	0	0.1	0.1	-0.01	-0.01	0	0	0	0	0	0
10/3/2023 11:48	54001 SDLE_T1	4	6	2	0.8	0.66	-0.14	0	0	0	0	0	0	0	0
10/3/2023 11:49	65402 MARI_T1	0	1	1	0	0.1	0.1	-0.01	-0.01	0	0	0	0	0	0
10/3/2023 11:49	54001 SDLE_T1	4	6	2	0.8	0.66	-0.14	0	0	0	0	0	0	0	0
10/3/2023 11:50	59402 RFLD_T2	0	0	0	0	0	0	-1.06	-1.14	1	1	0	450	450	0
10/3/2023 11:50	55101 WERT_T1	0	0	0	0	0	0	-1.94	-2	4	4	0	3300	3300	0
10/3/2023 11:51	59102 WALK_T2	0	4	4	0	0.43	0.43	0	0	0	0	0	0	0	0
10/3/2023 11:51	55101 WERT_T1	0	0	0	0	0	0	-1.94	-2	4	4	0	3300	3300	0
10/3/2023 11:52	42701 AUGU_T1	0	0	0	0	0	0	0	0	2	2	0	1800	1800	0
10/3/2023 11:53	46203 DANV_T2	0	4	4	0	0.75	0.75	0.07	0.12	0	0	0	0	0	0
10/3/2023 11:53	59101 WALK_T2	3	2	-1	0.45	0.5	0.05	1.91	2.01	1	1	0	600	600	0
10/3/2023 11:53	43304 WATS_T2	0	0	0	0	0	0	-0.38	-0.37	0	0	0	0	0	0
10/3/2023 11:53	55101 WERT_T1	0	0	0	0	0	0	-3.88	-4	8	8	0	6600	6600	0
10/3/2023 11:53	42701 AUGU_T1	0	0	0	0	0	0	0	0	4	4	0	3600	3600	0
10/3/2023 11:54	43304 WATS_T2	0	0	0	0	0	0	-0.75	-0.73	0	0	0	0	0	0
10/3/2023 11:54	43304 WATS_T2	0	0	0	0	0	0	-0.75	-0.73	0	0	0	0	0	0
10/3/2023 11:54	55101 WERT_T1	0	0	0	0	0	0	-1.94	-2	4	4	0	3300	3300	0
10/3/2023 11:54	51604 DUKE_T2	3	2	-1	0.4	0.5	0.1	-1.52	-1.5	1	1	0	900	900	0
10/3/2023 11:55	42701 AUGU_T1	0	0	0	0	0	0	0	0	2	2	0	1800	1800	0
10/3/2023 11:55	55101 WERT_T1	0	0	0	0	0	0	-1.94	-2	4	4	0	3300	3300	0
10/3/2023 11:56	42701 AUGU_T1	0	0	0	0	0	0	0	0	2	2	0	1800	1800	0
10/3/2023 11:57	46206 DANV_T2	0	1	1	0	0	0	0	0	0	0	0	0	0	0
10/3/2023 12:02	51604 DUKE_T2	2	3	1	0.5	0.4	-0.1	-1.5	-1.52	1	1	0	900	900	0
10/3/2023 12:04	54001 SDLE_T1	4	6	2	0.8	0.88	0.08	0	0	0	0	0	0	0	0
10/3/2023 12:05	59402 RFLD_T2	0	0	0	0	0	0	-1.14	-0.93	1	1	0	450	450	0
10/3/2023 12:05	54001 SDLE_T1	4	6	2	0.8	0.88	0.08	0	0	0	0	0	0	0	0
10/3/2023 12:06	55101 WERT_T1	0	0	0	0	0	0	-2	-1.93	4	4	0	3300	3300	0
10/3/2023 12:07	55101 WERT_T1	0	0	0	0	0	0	-2	-1.93	4	4	0	3300	3300	0
10/3/2023 12:09	55101 WERT_T1	0	0	0	0	0	0	-5.99	-5.79	12	12	0	9900	9900	0
10/3/2023 12:09	61001 DONV_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/3/2023 12:10	44502 HAMI_T2	1	1	0	1.5	1.8	0.3	-0.57	-0.57	0	0	0	0	0	0
10/3/2023 12:10	55101 WERT_T1	0	0	0	0	0	0	-2	-1.93	4	4	0	3300	3300	0
10/3/2023 12:13	45003 LIME_2	1	1	0	2.1	2.9	0.8	0	0	1	1	0	1200	1200	0
10/3/2023 12:17	45003 LIME_2	1	1	0	2.9	2.9	0	0	0	1	1	0	1200	1200	0
10/3/2023 12:19	14802 TREI_T2	0	1	1	0	0.6	0.6	0.56	0.57	0	0	0	0	0	0
10/3/2023 12:23	46203 DANV_T2	3	4	1	0.8	0.53	-0.27	0.07	0.07	0	0	0	0	0	0
10/3/2023 12:23	14801 TREI_T2	4	4	0	0.6	0.63	0.03	0.45	0.49	0	0	0	0	0	0
10/3/2023 12:24	14802 TREI_T2	0	1	1	0	0.6	0.6	0.56	0.57	0	0	0	0	0	0
10/3/2023 12:25	46203 DANV_T2	3	4	1	0.8	0.53	-0.27	0.07	0.07	0	0	0	0	0	0
10/3/2023 12:26	21901 HUMB_T1	0	0	0	0	0	0	-2.2	-2.22	0	0	0	0	0	0
10/3/2023 12:29	59301 MCAL_T1	6	1	-5	0.35	0.6	0.25	-1.35	-1.31	1	1	0	600	600	0
10/3/2023 12:29	23401 HONE_T2	2	1	-1	0.35	0.5	0.15	-0.21	-0.2	0	0	0	0	0	0
10/3/2023 12:30	65402 MARI_T1	0	2	2	0	0.3	0.3	-0.01	-0.01	0	0	0	0	0	0
10/3/2023 12:30	59301 MCAL_T1	1	1	0	0.6	0.3	-0.3	0	0	0	0	0	0	0	0
10/3/2023 12:31	65401 MARI_T1	8	8	0	0.46	0.33	-0.13	0	0	0	0	0	0	0	0
10/3/2023 12:33	65401 MARI_T1	8	8	0	0.46	0.33	-0.13	0	0	0	0	0	0	0	0
10/3/2023 12:34	60604 NCOL_T2	0	0	0	0	0	0	-0.39	-0.36	0	0	0	0	0	0
10/3/2023 12:34	65401 MARI_T1	8	8	0	0.46	0.33	-0.13	0	0	0	0	0	0	0	0
10/3/2023 12:41	65402 MARI_T1	0	2	2	0	0.3	0.3	-0.01	-0.01	0	0	0	0	0	0
10/3/2023 12:41	54504 ENOL_T2	0	1	1	0	0	0	-1.27	-1.28	1	1	0	600	600	0
10/3/2023 12:46	23401 HONE_T2	1	2	1	0.2	0.4	0.2	-0.2	-0.18	0	0	0	0	0	0
10/3/2023 12:53	42701 AUGU_T1	0	0	0	0	0	0	0	0	2	2	0	1800	1800	0
10/3/2023 12:54	42701 AUGU_T1	0	0	0	0	0	0	0	0	2	2	0	1800	1800	0
10/3/2023 12:55	56801 BENV_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/3/2023 12:55	42701 AUGU_T1	0	0	0	0	0	0	0	0	2	2	0	1800	1800	0
10/3/2023 12:56	42701 AUGU_T1	0	0	0	0	0	0	0	0	6	6	0	5400	5400	0
10/3/2023 12:56	23401 HONE_T2	1	2	1	0.2	0.4	0.2	-0.2	-0.18	0	0	0	0	0	0
10/3/2023 12:58	21901 HUMB_T1	0	1	1	0	0	0	-2.19	-2.22	0	0	0	0	0	0
10/3/2023 13:01	23401 HONE_T2	1	1	0	0.4	0	-0.4	-0.18	-0.12	0	0	0	0	0	0
10/3/2023 13:04	64101 REFR_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/3/2023 13:05	60604 NCOL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/3/2023 13:08	56802 BENV_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/3/2023 13:09	16302 ALPA_T2	1	2	1	0.2	0.25	0.05	-0.52	-0.4	0	0	0	0	0	0
10/3/2023 13:10	16302 ALPA_T2	1	2	1	0.2	0.25	0.05	-0.26	-0.2	0	0	0	0	0	0
10/3/2023 13:11	56801 BENV_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/3/2023 13:11	56802 BENV_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/3/2023 13:12	61303 EARL_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/3/2023 13:13	23301 JEFF_T1	0	1	1	0	0	0	0	0	0	0	0	0	0	0
10/3/2023 13:13	56802 BENV_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/3/2023 13:14	42401 GIMA_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/3/2023 13:14	53501 EVIL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/3/2023 13:16	64802 MONE_T2	2	1	-1	0.15	0.1	-0.05	0	0	0	0	0	0	0	0
10/3/2023 13:20	60604 NCOL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/3/2023 13:20	59402 RFLD_T2	0	0	0	0	0	0	-1.09	-1.13	1	1	0	450	450	0
10/3/2023 13:21	59101 WALK_T2	3	3	0	0.6	0.6	0	1.74	1.56	1	1	0	450	450	0
10/3/2023 13:21	46001 BERW_T1	0	0	0	0	0	0	2.32	2.23	0	0	0	0	0	0
10/3/2023 13:22	59101 WALK_T2	3	3	0	0.6	0.6	0	1.74	1.56	1	1	0	450	450	0
10/3/2023 13:23	46001 BERW_T1	0	0	0	0	0	0	2.32	2.23	0	0	0	0	0	0
10/3/2023 13:24	56802 BENV_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/3/2023 13:25	61001 DONV_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/3/2023 13:27	56802 BENV_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/3/2023 13:29	23301 JEFF_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/3/2023 13:30	53501 EVIL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/3/2023 13:32	44201 POIN_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/3/2023 13:36	60604 NCOL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/3/2023 13:39	56802 BENV_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/3/2023 13:39	61303 EARL_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/3/2023 13:44	23301 JEFF_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/3/2023 13:46	53501 EVIL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/3/2023 13:50	67204 TEHI_T2	0	0	0	0	0	0	0.09	0.09	0	0	0	0	0	0
10/3/2023 13:51	59101 WALK_T2	2	2	0	0.2	0	-0.2	1.98	1.79	1	1	0	450	450	0
10/3/2023 13:52	60604 NCOL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/3/2023 13:54	46206 DANV_T2	1	1	0	1.5	0.9	-0.6	0	0	0	0	0	0	0	0
10/3/2023 13:54	15103 UPHA_T2	1	1	0	0.6	0.5	-0.1	-0.58	-0.55	0	0	0	0	0	0
10/3/2023 13:54	56803 BENV_T1	1	1	0	1.1	0	-1.1	0	0	0	0	0	0	0	0
10/3/2023 13:54	46001 BERW_T1	0	1	1	0	0.1	0.1	1.54	1.51	0	0	0	0	0	0
10/3/2023 13:54	67204 TEHI_T2	0	0	0	0	0	0	0.09	0.09	0	0	0	0	0	0
10/3/2023 13:55	46206 DANV_T2	1	1	0	1.5	0.9	-0.6	0	0	0	0	0	0	0	0
10/3/2023 13:55	56801 BENV_T1	7	12	5	0.6	0.43	-0.17	-1.95	-1.8	3	3	0	1800	1800	0
10/3/2023 13:55	45902 AUBU_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/3/2023 13:56	56801 BENV_T1	7	12	5	0.6	0.43	-0.17	-1.3	-1.2	2	2	0	1200	1200	0
10/3/2023 13:56	46001 BERW_T1	0	1	1	0	0.1	0.1	1.54	1.51	0	0	0	0	0	0
10/3/2023 14:00	65401 MARI_T1	3	5	2	0.3	0.1	-0.2	0	0	0	0	0	0	0	0
10/3/2023 14:02	64101 REFR_T1	3	3	0	6.73	7.07	0.34	0.14	0.11	0	0	0	0	0	0
10/3/2023 14:02	65402 MARI_T1	0	1	1	0	0.1	0.1	-0.01	-0.01	0	0	0	0	0	0
10/3/2023 14:02	52403 GRPA_T2	4	7	3	0.53	0.31	-0.22	-0.22	-0.23	0	0	0	0	0	0
10/3/2023 14:03	64101 REFR_T1	3	3	0	6.73	7.07	0.34	0.43	0.33	0	0	0	0	0	0
10/3/2023 14:03	65402 MARI_T1	0	1	1	0	0.1	0.1	-0.01	-0.01	0	0	0	0	0	0
10/3/2023 14:04	67204 TEHI_T2	0	0	0	0	0	0	0.09	0.13	0	0	0	0	0	0
10/3/2023 14:05	65402 MARI_T1	0	1	1	0	0.1	0.1	-0.01	-0.01	0	0	0	0	0	0
10/3/2023 14:05	64101 REFR_T1	3	3	0	6.73	7.07	0.34	0.14	0.11	0	0	0	0	0	0
10/3/2023 14:06	42701 AUGU_T1	0	0	0	0	0	0	0	0	2	2	0	1800	1800	0
10/3/2023 14:06	64101 REFR_T1	3	3	0	6.73	7.07	0.34	0.14	0.11	0	0	0	0	0	0
10/3/2023 14:06	65402 MARI_T1	0	1	1	0	0.1	0.1	-0.01	-0.01	0	0	0	0	0	0
10/3/2023 14:06	67204 TEHI_T2	0	0	0	0	0	0	0.09	0.13	0	0	0	0	0	0
10/3/2023 14:06	45902 AUBU_T1	0	0	0	0	0	0	-0.66	-0.61	1	1	0	600	600	0
10/3/2023 14:07	64101 REFR_T1	3	3	0	6.73	7.07	0.34	0.14	0.11	0	0	0	0	0	0
10/3/2023 14:07	56802 BENV_T2	2	3	1	0.4	0.6	0.2	-0.57	-0.54	0	0	0	0	0	0
10/3/2023 14:08	56802 BENV_T2	2	3	1	0.4	0.6	0.2	-1.14	-1.08	0	0	0	0	0	0
10/3/2023 14:08	45902 AUBU_T1	0	0	0	0	0	0	-0.66	-0.61	1	1	0	600	600	0
10/3/2023 14:09	15103 UPHA_T2	1	1	0	0.5	0.5	0	-0.55	-0.54	0	0	0	0	0	0
10/3/2023 14:09	42701 AUGU_T1	0	0	0	0	0	0	0	0	2	2	0	1800	1800	0
10/3/2023 14:09	56802 BENV_T2	2	3	1	0.4	0.6	0.2	-0.57	-0.54	0	0	0	0	0	0
10/3/2023 14:09	53501 EVIL_T2	4	7	3	0.2	0.41	0.21	-0.22	-0.23	2	2	0	1200	1200	0
10/3/2023 14:10	62604 ENGL_T1	0	0	0	0	0	0	-1.99	-1.97	2	2	0	1200	1200	0
10/3/2023 14:10	56801 BENV_T1	7	11	4	0.49	0.46	-0.03	-1.8	-1.8	3	3	0	1800	1800	0
10/3/2023 14:10	41801 GOCI_T2	0	1	1	0	0.6	0.6	0	0	0	0

Appendix C - Grid Benefits Achieved in Each Instance of Active Management

10/3/2023 14:26	60803 BUCK_T1	0	0	0	0	0	0	-1.12	-1.08	1	1	0	600	600	0
10/3/2023 14:26	41801 GOCI_T2	1	0	-1	0.6	0	-0.6	0	0	0	0	0	0	0	0
10/3/2023 14:26	56802 BENV_T2	2	4	2	0.4	0.58	0.18	-1.08	-1	0	0	0	0	0	0
10/3/2023 14:26	53501 EVIL_T2	7	6	-1	0.37	0.52	0.15	-0.23	-0.43	2	2	0	1200	1200	0
10/3/2023 14:26	46001 BERW_T1	0	0	0	0	0	0	1.25	1.29	0	0	0	0	0	0
10/3/2023 14:27	23401 HONE_T2	0	0	0	0	0	0	-0.13	-0.09	0	0	0	0	0	0
10/3/2023 14:27	17805 GILB_T2	0	0	0	0	0	0	0.37	0.38	0	0	0	0	0	0
10/3/2023 14:28	52403 GRPA_T2	4	6	2	0.5	0.38	-0.12	-0.23	-0.21	0	0	0	0	0	0
10/3/2023 14:28	56802 BENV_T2	2	4	2	0.4	0.58	0.18	-1.08	-1	0	0	0	0	0	0
10/3/2023 14:28	53501 EVIL_T2	7	6	-1	0.37	0.52	0.15	-0.23	-0.43	2	2	0	1200	1200	0
10/3/2023 14:29	17804 GILB_T2	1	1	0	0.2	1.2	1	-0.5	-0.49	0	0	0	0	0	0
10/3/2023 14:29	52403 GRPA_T2	4	6	2	0.5	0.38	-0.12	-0.21	-0.13	0	0	0	0	0	0
10/3/2023 14:29	41801 GOCI_T2	1	0	-1	0.6	0	-0.6	0	0	0	0	0	0	0	0
10/3/2023 14:30	52402 GRPA_T2	2	3	1	1.35	1	-0.35	0	0	0	0	0	0	0	0
10/3/2023 14:30	53501 EVIL_T2	5	6	1	0.48	0.5	0.02	-0.43	-0.41	2	2	0	1200	1200	0
10/3/2023 14:30	17802 GILB_T1	0	3	3	0	0.6	0.6	0.87	0.39	0	0	0	0	0	0
10/3/2023 14:31	59302 MCAL_T1	0	0	0	0	0	0	-0.53	-0.54	1	1	0	600	600	0
10/3/2023 14:31	52402 GRPA_T2	2	3	1	1.35	1	-0.35	0	0	0	0	0	0	0	0
10/3/2023 14:31	52401 GRPA_T2	0	0	0	0	0	0	-0.46	-0.45	0	0	0	0	0	0
10/3/2023 14:31	17802 GILB_T1	0	3	3	0	0.6	0.6	0.29	0.13	0	0	0	0	0	0
10/3/2023 14:32	65401 MARI_T1	2	1	-1	0.15	0	-0.15	0	0	0	0	0	0	0	0
10/3/2023 14:33	52402 GRPA_T2	2	3	1	1.35	1	-0.35	0	0	0	0	0	0	0	0
10/3/2023 14:34	65401 MARI_T1	2	1	-1	0.15	0	-0.15	0	0	0	0	0	0	0	0
10/3/2023 14:34	44201 POIN_T1	0	0	0	0	0	0	-0.02	-0.19	2	2	0	2100	2100	0
10/3/2023 14:35	65402 MARI_T1	1	2	1	0.1	0.2	0.1	-0.01	-0.01	0	0	0	0	0	0
10/3/2023 14:35	67204 TEHI_T2	0	0	0	0	0	0	0.12	0.16	0	0	0	0	0	0
10/3/2023 14:35	44201 POIN_T1	0	0	0	0	0	0	-0.04	-0.38	4	4	0	4200	4200	0
10/3/2023 14:35	67203 TEHI_T1	2	3	1	0.4	1.1	0.7	2.11	2.05	2	2	0	1500	1500	0
10/3/2023 14:35	59101 WALK_T2	1	1	0	0	0	0	1.97	1.87	1	1	0	450	450	0
10/3/2023 14:36	60501 NMAN_T2	3	3	0	4.9	4.73	-0.17	0	0	0	0	0	0	0	0
10/3/2023 14:36	44201 POIN_T1	0	0	0	0	0	0	-0.04	-0.38	4	4	0	4200	4200	0
10/3/2023 14:36	65402 MARI_T1	1	2	1	0.1	0.2	0.1	-0.02	-0.02	0	0	0	0	0	0
10/3/2023 14:36	45901 AUBU_T1	0	0	0	0	0	0	0.47	0.49	0	0	0	0	0	0
10/3/2023 14:36	59101 WALK_T2	1	1	0	0	0	0	1.97	1.87	1	1	0	450	450	0
10/3/2023 14:37	46001 BERW_T1	0	0	0	0	0	0	1.29	1.25	0	0	0	0	0	0
10/3/2023 14:38	16302 ALPA_T2	0	0	0	0	0	0	-0.4	-0.3	0	0	0	0	0	0
10/3/2023 14:38	67204 TEHI_T2	0	0	0	0	0	0	0.12	0.16	0	0	0	0	0	0
10/3/2023 14:38	45902 AUBU_T1	0	0	0	0	0	0	-0.6	-0.56	1	1	0	600	600	0
10/3/2023 14:38	46001 BERW_T1	0	0	0	0	0	0	1.29	1.25	0	0	0	0	0	0
10/3/2023 14:39	53501 EVIL_T2	5	6	1	0.48	0.5	0.02	-0.43	-0.41	2	2	0	1200	1200	0
10/3/2023 14:39	15001 BLMO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/3/2023 14:39	16302 ALPA_T2	0	0	0	0	0	0	-0.4	-0.3	0	0	0	0	0	0
10/3/2023 14:40	56802 BENV_T2	4	6	2	0.6	0.5	-0.1	-0.5	-0.49	0	0	0	0	0	0
10/3/2023 14:40	46001 BERW_T1	0	0	0	0	0	0	1.29	1.25	0	0	0	0	0	0
10/3/2023 14:41	52401 GRPA_T2	0	0	0	0	0	0	-0.46	-0.45	0	0	0	0	0	0
10/3/2023 14:41	17802 GILB_T1	0	3	3	0	0.6	0.6	0.29	0.13	0	0	0	0	0	0
10/3/2023 14:41	56802 BENV_T2	3	4	1	0.6	0.5	-0.1	-1.5	-1.47	0	0	0	0	0	0
10/3/2023 14:41	11104 EGYP_T1	5	5	0	0.24	0.44	0.2	0.85	0.85	0	0	0	0	0	0
10/3/2023 14:41	46001 BERW_T1	0	0	0	0	0	0	1.29	1.25	0	0	0	0	0	0
10/3/2023 14:41	45902 AUBU_T1	0	0	0	0	0	0	-0.6	-0.56	1	1	0	600	600	0
10/3/2023 14:42	11104 EGYP_T1	5	5	0	0.24	0.44	0.2	0.85	0.85	0	0	0	0	0	0
10/3/2023 14:42	41801 GOCI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/3/2023 14:43	21901 HUMB_T1	0	0	0	0	0	0	-2.16	-2.11	0	0	0	0	0	0
10/3/2023 14:43	56802 BENV_T2	3	4	1	0.6	0.5	-0.1	-0.5	-0.49	0	0	0	0	0	0
10/3/2023 14:43	23401 HONE_T2	0	0	0	0	0	0	-0.09	-0.16	0	0	0	0	0	0
10/3/2023 14:43	53501 EVIL_T2	5	6	1	0.48	0.5	0.02	-0.43	-0.41	2	2	0	1200	1200	0
10/3/2023 14:44	53501 EVIL_T2	5	6	1	0.48	0.5	0.02	-0.41	-0.4	2	2	0	1200	1200	0
10/3/2023 14:44	56802 BENV_T2	3	4	1	0.6	0.5	-0.1	-0.49	-0.5	0	0	0	0	0	0
10/3/2023 14:44	52403 GRPA_T2	6	4	-2	0.35	0.4	0.05	-0.26	-0.42	0	0	0	0	0	0
10/3/2023 14:45	41801 GOCI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/3/2023 14:45	17804 GILB_T2	1	1	0	1.2	0.4	-0.8	-0.49	-0.5	0	0	0	0	0	0
10/3/2023 14:45	63203 MGTN_T1	0	0	0	0	0	0	-0.54	-0.54	2	2	0	1200	1200	0
10/3/2023 14:46	17802 GILB_T1	0	3	3	0	0.6	0.6	0.13	0.15	0	0	0	0	0	0
10/3/2023 14:46	17802 GILB_T1	0	3	3	0	0.6	0.6	0.26	0.3	0	0	0	0	0	0
10/3/2023 14:46	42002 MNVL_T2	1	1	0	5	4.2	-0.8	-1.67	-1.87	0	0	0	0	0	0
10/3/2023 14:46	59302 MCAL_T1	0	0	0	0	0	0	-0.54	-0.5	1	1	0	600	600	0
10/3/2023 14:48	52502 PROG_T2	0	0	0	0	0	0	-0.28	-0.24	1	1	0	900	900	0
10/3/2023 14:48	65402 MARI_T1	2	3	1	0.2	0.2	0	-0.01	-0.01	0	0	0	0	0	0
10/3/2023 14:50	65402 MARI_T1	2	3	1	0.2	0.2	0	-0.01	-0.01	0	0	0	0	0	0
10/3/2023 14:51	66703 STRA_T1	0	0	0	0	0	0	0.44	0.41	0	0	0	0	0	0
10/3/2023 14:51	65401 MARI_T1	0	7	7	0	0.1	0.1	0	0	0	0	0	0	0	0
10/3/2023 14:52	65401 MARI_T1	0	7	7	0	0.1	0.1	0	0	0	0	0	0	0	0
10/3/2023 14:52	45901 AUBU_T1	0	0	0	0	0	0	0.49	0.45	0	0	0	0	0	0
10/3/2023 14:52	43304 WATS_T2	0	1	1	0	0	0	-0.37	-0.26	0	0	0	0	0	0
10/3/2023 14:53	43301 WATS_T2	0	0	0	0	0	0	0.54	0.56	0	0	0	0	0	0
10/3/2023 14:53	45901 AUBU_T1	0	0	0	0	0	0	0.49	0.45	0	0	0	0	0	0
10/3/2023 14:54	45902 AUBU_T1	0	0	0	0	0	0	-0.56	-0.57	1	1	0	600	600	0
10/3/2023 14:55	60604 NCOL_T2	0	0	0	0	0	0	-0.22	-0.21	0	0	0	0	0	0
10/3/2023 14:56	17802 GILB_T1	0	3	3	0	0.6	0.6	0.26	0.3	0	0	0	0	0	0
10/3/2023 14:56	46206 DANV_T2	1	1	0	0.7	0.7	0	0	0	0	0	0	0	0	0
10/3/2023 14:57	46203 DANV_T2	0	0	0	0	0	0	0.2	0.28	0	0	0	0	0	0
10/3/2023 14:57	11102 EGYP_T1	1	1	0	0.5	0.6	0.1	0	0	0	0	0	0	0	0
10/3/2023 14:58	26401 INOR_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/3/2023 14:58	11104 EGYP_T1	5	5	0	0.44	0.4	-0.04	0.85	0.9	0	0	0	0	0	0
10/3/2023 15:01	64303 LINC_T1	0	0	0	0	0	0	-0.04	-0.02	0	0	0	0	0	0
10/3/2023 15:06	59101 WALK_T2	1	1	0	0	0	0	2.17	2.2	1	1	0	450	450	0
10/3/2023 15:07	43001 ALWD_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/3/2023 15:08	24902 WHHA_T1	0	2	2	0	0.15	0.15	0	0	0	0	0	0	0	0
10/3/2023 15:08	45902 AUBU_T1	0	0	0	0	0	0	-0.57	-0.62	1	1	0	600	600	0
10/3/2023 15:08	43001 ALWD_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/3/2023 15:09	60902 DONG_T2	0	0	0	0	0	0	0.28	0.31	0	0	0	0	0	0
10/3/2023 15:09	45902 AUBU_T1	0	0	0	0	0	0	-1.13	-1.24	2	2	0	1200	1200	0
10/3/2023 15:11	24902 WHHA_T1	0	2	2	0	0.15	0.15	0	0	0	0	0	0	0	0
10/3/2023 15:12	28805 LAKE_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/3/2023 15:18	56501 ROCK_T2	1	0	-1	0.1	0	-0.1	-1.19	-1.18	0	0	0	0	0	0
10/3/2023 15:23	45902 AUBU_T1	0	0	0	0	0	0	-0.62	-0.64	1	1	0	600	600	0
10/3/2023 15:24	53601 DALM_T2	1	1	0	0.2	0.7	0.5	0.1	0	0	0	0	0	0	0
10/3/2023 15:24	62604 ENGL_T1	0	0	0	0	0	0	-0.93	-0.91	1	1	0	600	600	0
10/3/2023 15:25	45901 AUBU_T1	0	0	0	0	0	0	0.49	0.43	0	0	0	0	0	0
10/3/2023 15:25	45902 AUBU_T1	0	0	0	0	0	0	-0.62	-0.64	1	1	0	600	600	0
10/3/2023 15:26	52401 GRPA_T2	1	0	-1	0.1	0	-0.1	0	0	0	0	0	0	0	0
10/3/2023 15:31	52403 GRPA_T2	59	63	4	0.28	0.35	0.07	-0.21	-0.2	0	0	0	0	0	0
10/3/2023 15:36	64101 REFR_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/3/2023 15:39	60803 BUCK_T1	0	1	1	0	0	0	0	0	0	0	0	0	0	0
10/3/2023 15:39	60701 BREC_T1	0	0	0	0	0	0	-0.48	-0.75	4	4	0	2400	2400	0
10/3/2023 15:40	11102 EGYP_T1	1	1	0	0.7	0.2	-0.5	0	0	0	0	0	0	0	0
10/3/2023 15:42	52402 GRPA_T2	5	5	0	1.16	1.24	0.08	0	0	0	0	0	0	0	0
10/3/2023 15:42	60701 BREC_T1	0	0	0	0	0	0	-0.24	-0.37	2	2	0	1200	1200	0
10/3/2023 15:44	52403 GRPA_T2	59	63	4	0.28	0.35	0.07	-0.2	-0.07	0	0	0	0	0	0
10/3/2023 15:44	59001 MIFF_T1	1	1	0	0.3	0.6	0.3	0	0	0	0	0	0	0	0
10/3/2023 15:47	52402 GRPA_T2	5	5	0	1.12	1.3	0.18	0	0	0	0	0	0	0	0
10/3/2023 15:52	59202 THOM_T1	2	1	-1	0.15	0.2	0.05	0	0	0	0	0	0	0	0
10/3/2023 15:54	62105 ELAN_T1	1	2	1	0.1	0.15	0.05	0.76	0.74	0	0	0	0	0	0
10/3/2023 15:58	62105 ELAN_T1	1	2	1	0.1	0.15	0.05	0.76	0.74	0	0	0	0	0	0
10/3/2023 16:06	59101 WALK_T2	1	1	0	0	0	0	1.84	1.84	1	1	0	450	450	0
10/3/2023 16:07	42701 AUGU_T1	0	0	0	0	0	0	0	0	2	2	0	1800	1800	0
10/3/2023 16:12	23401 HONE_T2	0	0	0	0	0	0	-0.04	-0.07	0	0	0	0	0	0
10/3/2023 16:15	42701 AUGU_T1	0	0	0	0	0	0	0	0	2	2	0	1800	1800	0
10/3/2023 16:18	41902 REED_T1	12	5	-7	0.75	0.2	-0.55	1.35	1.27	0	0	0	0	0	0
10/3/2023 16:20	41901 REED_T1	0	1	1	0	0.1	0.1	0	0	0	0	0	0	0	0
10/3/2023 16:21	42201 SHEN_T2	0	0	0	0	0	0	0.18	0.18	1	1	0	600	600	0
10/3/2023 16:22	41902 REED_T1	12	5	-7	0.75	0.2	-0.55	1.35	1.27	0	0	0	0	0	0
10/3/2023 16:26	49803 UNIV_T1	0	0	0	0	0	0	-0.66	-0.64	0	0	0	0	0	0
10/3/2023 16:28	28805 LAKE_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/3/2023 16:33	64101 REFR_T1	3	4	1	6.57	6.53	-0.04	0.18	0.21	0	0	0	0	0	0
10/3/2023 16:35	64101 REFR_T1	3	4	1	6.57	6.53	-0.04	0.55	0.62	0	0	0	0	0	0
10/3/2023 16:36	64101 REFR_T1	3	4	1	6.57	6.53	-0.04	0.18	0.21	0	0	0	0	0	0
10/3/2023 16:36	42201 SHEN_T2	0	0	0	0	0	0	0.18	0.17	1	1	0	600	600	0
10/3/2023 17:13	44505 HAMI_T2	0	3	3	0	0.2	0.2	0	0	0	0	0	0	0	0
10/3/2023 17:27	56802 BENV_T2	1	1	0	0.3	0.2	-0.1	-0.4	-0.35	0	0	0	0	0	0
10/3/2023 17:44	44502 HAMI_T2	1	1	0	1.9	2.3	0.4	-0.47	-0.49	0	0	0	0	0	0
10/3/2023 18:54	59202 THOM_T1	0	1	1	0	0.1	0.1	0	0	0	0	0	0	0	0
10/3/2023 19:44	26401 INOR_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/3/2023 19:46	61303 EARL_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/3/2023 19:47	23301 JEFF_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/3/2023 19:50	54701 NEBL_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/3/2023 19:50	56802 BENV_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/3/2023 19:50	42503 ALTA_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/3/2023 19:52	56802 BENV_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/3/2023 19:53	53501 EVIL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/3/2023 19:54	45402 WBLO_T2	7	3	-4	0.1	0.1	0	0	0	0	0	0	0	0	0
10/3/2023 19:54	60604 NCOL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/3/2023 19:54	64101 REFR_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/3/2023 19:55	45802 HEGI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/3/2023 19:55	43304 WATS_T2	0	2	2	0	0	0	0	0	0	0	0	0	0	0
10/3/2023 19:55	56801 BENV_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/3/2023 19:56	54701 NEBL_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/3/2023 19:57	42001 MNVL_T2	1	2	1	0.1	0.1	0	0	0	0	0	0	0	0	0
10/3/2023 19:57	46203 DANV_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/3/2023 19:58	53903 HALI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/3/2023 19:59	61001 DONV_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/3/2023 19:59	44201 POIN_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/3/2023 20:00	51604 DUKE_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/3/2023 20:14	62604 ENGL_T1	0	0	0	0	0	0	-1.24	-1.23	1	1	0	600	600	0
10/3/2023 20:28	24902 WHHA_T1	0	0	0	0	0	0	0.52	0.51	0	0	0	0	0	0
10/3/2023 20:37	26401 INOR_T1	38	22	-16	0.2	0.13	-0.07	0.3	0.35	0	0	0	0	0	0
10/3/2023 20:38	44201 POIN_T1	0	0	0	0	0	0	-1.43	-1.41	2	2	0	2100	2100	0
10/3/2023 20:39	29402 BELT_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/3/2023 20:39	10805 CHHI_T2	15	13	-2	1.56	9	7.44	-0.27	-0.39	1	1	0	600	600	0
10/3/2023 20:40	12701 MACU_T1	0	0	0	0	0	0	-1.06	-1.08	1	1	0	1200	1200	0
10/3/2023 20:41	29401 BELT_T1	0	0	0	0	0	0	0	0	1	1	0	900	900	0
10/3/2023 20:42	67502 WEWI_T2	0	1	1	0	0	0	0	0	0	0	0	0	0	0
10/3/2023 20:42	45902 AUBU_T1	1	1	0	0.3	0.3	0	-0.89	-0.83	1	1	0	600	600	0
10/3/2023 20:43	29402 BELT_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/3/2023 20:43	17802 GILB_T1	0	0	0	0	0	0	0.11	0.09	0	0	0	0	0	0
10/3/2023 20:43	13503 MCMI_T2	0	0	0	0	0	0	-0.01	-0.01	0	0	0	0	0	0
10/3/2023 20:43	28805 LAKE_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/3/2023 20:44	17805 GILB_T2	0	0	0	0	0	0	0.08	0.04	0	0	0	0	0	0
10/3/2023 20:44	45901 AUBU_T1	0	0	0	0	0	0	0.46	0.4	0	0	0	0	0	0
10/3/2023 20:44	45901 AUBU_T1	0	0	0	0	0	0	0.46	0.4	0	0	0	0	0	0
10/3/2023 20:44	56802 BENV_T2	0	2	2	0	0.4	0.4	-0.55	-0.57	0	0	0	0	0	0
10/3/2023 20:44	16302 ALPA_T2	0	0	0	0	0	0	-0.39	-0.44	0	0	0	0	0	0
10/3/2023 20:45	15001 BLMO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/3/2023 20:45	45902 AUBU_T1	1	0	-1	0.3	0	-0.3	0	0	0	0	0	0	0	0
10/3/2023 20:45	20403 ASHF_T2	0	0	0	0	0	0	0.39	0.36	0	0	0	0	0	0
10/3/2023 20:45	28805 LAKE_T1	0	1	1	0	0	0	0	0	0	0	0	0	0	0
10/3/2023 20:46	16302 ALPA_T2	0	0	0	0	0	0	-0.39	-0.44	0	0	0	0	0	0
10/3/2023 20:46	55101 WERT_T1	0	0	0	0	0	0	-1.77	-1.9	3	3	0	2400	2400	0
10/3/2023 20:46	21901 HUMB_T1	1	0	-1	8.9	0	-8.9	-2.11	-2.14	0	0	0	0	0	0
10/3/2023 20:47	60101 COCA_T1	0	0	0	0	0	0	0.47	0.45	0	0	0	0

10/3/2023 20:50	67204 TEHI_T2	0	0	0	0	0	0	-0.13	-0.12	0	0	0	0	0	0
10/3/2023 20:50	29401 BELT_T1	0	0	0	0	0	0	0	0	2	2	0	1800	1800	0
10/3/2023 20:50	53501 EVIL_T2	1	1	0	0.3	0.3	0	-1.18	-1.17	2	2	0	1200	1200	0
10/3/2023 20:50	42701 AUGU_T1	1	0	-1	0.1	0	-0.1	0	0	2	2	0	1800	1800	0
10/3/2023 20:50	12701 MACU_T1	0	0	0	0	0	0	-1.08	-1.08	1	1	0	1200	1200	0
10/3/2023 20:50	46001 BERW_T1	0	0	0	0	0	0	1.04	1.05	0	0	0	0	0	0
10/3/2023 20:50	28403 HART_T2	0	0	0	0	0	0	-0.52	-0.54	1	1	0	900	900	0
10/3/2023 20:51	64101 REFR_T1	0	0	0	0	0	0	0.1	0.08	0	0	0	0	0	0
10/3/2023 20:51	59101 WALK_T2	1	1	0	0	0	0	0.92	0.86	1	1	0	450	450	0
10/3/2023 20:51	16302 ALPA_T2	0	0	0	0	0	0	-0.39	-0.44	0	0	0	0	0	0
10/3/2023 20:51	45902 AUBU_T1	1	0	-1	0.3	0	-0.3	-0.83	-0.83	1	1	0	600	600	0
10/3/2023 20:52	15001 BLMO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/3/2023 20:52	23901 EFMO_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/3/2023 20:52	44201 POIN_T1	0	0	0	0	0	0	-1.41	-1.5	2	2	0	2100	2100	0
10/3/2023 20:52	67502 WEWI_T2	0	2	2	0	0	0	-1.15	-1.15	1	1	0	900	900	0
10/3/2023 20:52	64101 REFR_T1	0	0	0	0	0	0	0.1	0.08	0	0	0	0	0	0
10/3/2023 20:52	65401 MARI_T1	0	6	6	0	0	0	0	0	0	0	0	0	0	0
10/3/2023 20:52	60604 NCOL_T2	0	0	0	0	0	0	-0.51	-0.58	0	0	0	0	0	0
10/3/2023 20:52	53501 EVIL_T2	1	1	0	0.3	0.3	0	-1.18	-1.17	2	2	0	1200	1200	0
10/3/2023 20:52	46203 DANV_T2	0	0	0	0	0	0	0.18	0.09	0	0	0	0	0	0
10/3/2023 20:52	56802 BENV_T2	2	21	19	0.4	0.15	-0.25	-0.55	-0.57	0	0	0	0	0	0
10/3/2023 20:52	20403 ASHF_T2	0	0	0	0	0	0	0.39	0.36	0	0	0	0	0	0
10/3/2023 20:52	17804 GILB_T2	0	0	0	0	0	0	-0.51	-0.53	0	0	0	0	0	0
10/3/2023 20:53	26603 BROO_T1	0	0	0	0	0	0	0.16	0.15	0	0	0	0	0	0
10/3/2023 20:53	42701 AUGU_T1	1	0	-1	0.1	0	-0.1	0	0	2	2	0	1800	1800	0
10/3/2023 20:53	67503 WEWI_T2	0	0	0	0	0	0	0.07	0.05	0	0	0	0	0	0
10/3/2023 20:53	66505 SMAN_T2	3	0	-3	0.1	0	-0.1	0.35	0.18	2	2	0	1500	1500	0
10/3/2023 20:53	60701 BREC_T1	0	0	0	0	0	0	-0.16	-0.22	1	1	0	600	600	0
10/3/2023 20:53	43202 MVIL_T2	0	0	0	0	0	0	-0.68	-0.65	0	0	0	0	0	0
10/3/2023 20:53	17802 GILB_T1	0	0	0	0	0	0	0.18	0.14	0	0	0	0	0	0
10/3/2023 20:53	56802 BENV_T2	2	21	19	0.4	0.15	-0.25	-0.55	-0.57	0	0	0	0	0	0
10/3/2023 20:53	65401 MARI_T1	0	6	6	0	0	0	0	0	0	0	0	0	0	0
10/3/2023 20:53	40101 HUNT_T2	1	1	0	0.6	0	-0.6	-0.4	-0.43	0	0	0	0	0	0
10/3/2023 20:53	46001 BERW_T1	0	0	0	0	0	0	2.08	2.1	0	0	0	0	0	0
10/3/2023 20:53	45702 LIND_T2	0	0	0	0	0	0	-0.37	-0.33	0	0	0	0	0	0
10/3/2023 20:53	44201 POIN_T1	0	0	0	0	0	0	-1.41	-1.5	2	2	0	2100	2100	0
10/3/2023 20:53	67203 TEHI_T1	1	2	1	0	0	0	2.44	2.42	2	2	0	1500	1500	0
10/3/2023 20:54	56802 BENV_T2	2	21	19	0.4	0.15	-0.25	-0.55	-0.57	0	0	0	0	0	0
10/3/2023 20:54	49803 UNIV_T1	0	0	0	0	0	0	-0.82	-0.83	0	0	0	0	0	0
10/3/2023 20:54	11104 EGYP_T1	2	2	0	0.2	0.2	0	0.37	0.35	0	0	0	0	0	0
10/3/2023 20:54	44201 POIN_T1	0	0	0	0	0	0	-1.41	-1.5	2	2	0	2100	2100	0
10/3/2023 20:54	43304 WATS_T2	1	0	-1	0.4	0	-0.4	-0.64	-0.82	0	0	0	0	0	0
10/3/2023 20:54	41901 REED_T1	4	8	4	0.3	0.31	0.01	0	0	0	0	0	0	0	0
10/3/2023 20:54	12701 MACU_T1	0	0	0	0	0	0	-1.08	-1.08	1	1	0	1200	1200	0
10/3/2023 20:54	46801 HEPB_T2	15	20	5	0.35	0.34	-0.01	-0.06	-0.12	0	0	0	0	0	0
10/3/2023 20:54	65902 SARR_T2	0	0	0	0	0	0	0.01	0	0	0	0	0	0	0
10/3/2023 20:54	59002 MIFF_T1	2	5	3	0.1	0.36	0.26	0	0	0	0	0	0	0	0
10/3/2023 20:54	15103 UPHA_T2	0	0	0	0	0	0	0.67	0.67	0	0	0	0	0	0
10/3/2023 20:54	46203 DANV_T2	0	0	0	0	0	0	0.18	0.09	0	0	0	0	0	0
10/3/2023 20:54	42701 AUGU_T1	1	0	-1	0.1	0	-0.1	0	0	2	2	0	1800	1800	0
10/3/2023 20:54	64802 MONE_T2	0	0	0	0	0	0	0.15	0.13	0	0	0	0	0	0
10/3/2023 20:54	51604 DUKE_T2	0	0	0	0	0	0	-1.44	-1.41	1	1	0	900	900	0
10/3/2023 20:54	53601 DALM_T2	1	1	0	0.8	0.5	-0.3	-0.51	0	0	0	0	0	0	0
10/3/2023 20:54	60701 BREC_T1	0	0	0	0	0	0	-0.16	-0.22	1	1	0	600	600	0
10/3/2023 20:54	56501 ROCK_T2	0	2	2	0	0.2	0.2	-0.04	-0.05	0	0	0	0	0	0
10/3/2023 20:55	64101 REFR_T1	0	0	0	0	0	0	0.1	0.08	0	0	0	0	0	0
10/3/2023 20:55	45802 HEGI_T2	9	0	-9	0.42	0	-0.42	1.22	0.99	0	0	0	0	0	0
10/3/2023 20:55	65402 MARI_T1	66	84	18	0.65	0.76	0.11	-0.01	-0.01	0	0	0	0	0	0
10/3/2023 20:55	45402 WBLO_T2	14	25	11	0.21	0.23	0.02	-0.61	-0.6	0	0	0	0	0	0
10/3/2023 20:55	43301 WATS_T2	1	1	0	0.4	1	0.6	0.5	0.47	0	0	0	0	0	0
10/3/2023 20:55	41901 REED_T1	4	8	4	0.3	0.31	0.01	-1.24	-1.25	1	1	0	900	900	0
10/3/2023 20:55	43202 MVIL_T2	0	0	0	0	0	0	-0.68	-0.65	0	0	0	0	0	0
10/3/2023 20:55	28604 BLYT_T2	0	0	0	0	0	0	-1.28	-1.27	0	0	0	0	0	0
10/3/2023 20:55	55101 WERT_T1	0	0	0	0	0	0	-1.77	-1.9	3	3	0	2400	2400	0
10/3/2023 20:56	41901 REED_T1	4	8	4	0.3	0.31	0.01	0	0	0	0	0	0	0	0
10/3/2023 20:56	62604 ENGL_T1	0	0	0	0	0	0	-1.28	-1.34	1	1	0	600	600	0
10/3/2023 20:56	56801 BENV_T1	21	26	5	1.22	0.89	-0.33	-1.24	-1.32	2	2	0	1200	1200	0
10/3/2023 20:56	60902 DONG_T2	0	0	0	0	0	0	-0.16	0.7	0	0	0	0	0	0
10/3/2023 20:57	41801 GOCI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/3/2023 20:57	54701 NEBL_T1	3	6	3	0.27	0.4	0.13	0	0	1	1	0	600	600	0
10/3/2023 20:57	64101 REFR_T1	0	0	0	0	0	0	0.1	0.08	0	0	0	0	0	0
10/3/2023 20:57	44201 POIN_T1	0	0	0	0	0	0	-1.41	-1.5	2	2	0	2100	2100	0
10/3/2023 20:58	41902 REED_T1	0	0	0	0	0	0	1.07	1.12	0	0	0	0	0	0
10/3/2023 20:58	61801 EELI_T2	2	2	0	0.55	0.9	0.35	-0.61	-0.62	1	1	0	600	600	0
10/3/2023 20:58	64101 REFR_T1	0	0	0	0	0	0	0.2	0.16	0	0	0	0	0	0
10/3/2023 20:58	64303 LINC_T1	0	0	0	0	0	0	-0.17	-0.2	0	0	0	0	0	0
10/3/2023 20:59	64301 LINC_T1	0	1	1	0	0	0	0	0	0	0	0	0	0	0
10/3/2023 20:59	67203 TEHI_T1	1	2	1	0	0	0	0	0	0	0	0	0	0	0
10/3/2023 20:59	56801 BENV_T1	21	26	5	1.22	0.89	-0.33	-0.66	-0.66	1	1	0	600	600	0
10/3/2023 20:59	53501 EVIL_T2	1	1	0	0.3	0.3	0	-1.17	-1.23	2	2	0	1200	1200	0
10/3/2023 20:59	58402 MORO_T1	0	0	0	0	0	0	-1.63	-1.75	4	4	0	3000	3000	0
10/3/2023 20:59	66703 STRA_T1	4	7	3	0.43	0.86	0.43	-0.05	-0.13	0	0	0	0	0	0
10/3/2023 20:59	43001 ALWD_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/3/2023 21:00	56801 BENV_T1	18	27	9	0.94	0.77	-0.17	-0.66	-0.66	1	1	0	600	600	0
10/3/2023 21:00	56802 BENV_T2	1	26	25	0.1	0.17	0.07	-0.57	-0.53	0	0	0	0	0	0
10/3/2023 21:00	40101 HUNT_T2	0	1	1	0	0	0	-0.43	-0.48	0	0	0	0	0	0
10/3/2023 21:01	59101 WALK_T2	1	1	0	0	0	0	0.86	1.09	1	1	0	450	450	0
10/3/2023 21:01	52403 GRPA_T2	1	2	1	0.2	0.15	-0.05	0.08	0.1	0	0	0	0	0	0
10/3/2023 21:02	52401 GRPA_T2	1	2	1	0.2	0.5	0.3	0	0	0	0	0	0	0	0
10/3/2023 21:29	42002 MNVL_T2	1	1	0	3	2.5	-0.5	-0.55	-0.67	0	0	0	0	0	0
10/4/2023 0:28	64101 REFR_T1	0	0	0	0	0	0	0.08	0.08	0	0	0	0	0	0
10/4/2023 0:28	54701 NEBL_T1	0	0	0	0	0	0	0	0	1	1	0	600	600	0
10/4/2023 0:28	52403 GRPA_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/4/2023 0:28	60803 BUCK_T1	0	4	4	0	0.13	0.13	-1.65	-1.68	1	1	0	600	600	0
10/4/2023 0:28	62604 ENGL_T1	0	0	0	0	0	0	-1.33	-1.5	1	1	0	600	600	0
10/4/2023 0:28	52404 GRPA_T2	1	1	0	0.2	0.5	0.3	0	0	0	0	0	0	0	0
10/4/2023 0:28	65402 MARI_T1	0	0	0	0	0	0	-0.01	-0.01	0	0	0	0	0	0
10/4/2023 0:28	42201 SHEN_T2	0	0	0	0	0	0	0	-0.02	1	1	0	600	600	0
10/4/2023 0:28	43001 ALWD_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/4/2023 0:28	51604 DUKE_T2	0	0	0	0	0	0	-1.67	-1.69	1	1	0	900	900	0
10/4/2023 0:28	56801 BENV_T1	30	35	5	0.79	0.93	0.14	-0.87	-0.89	1	1	0	600	600	0
10/4/2023 0:28	40101 HUNT_T2	0	0	0	0	0	0	-0.54	-0.56	0	0	0	0	0	0
10/4/2023 0:28	55101 WERT_T1	0	0	0	0	0	0	-1.46	-1.47	2	2	0	1500	1500	0
10/4/2023 0:28	12701 MACU_T1	0	0	0	0	0	0	0.03	0.02	0	0	0	0	0	0
10/4/2023 0:28	67502 WEWI_T2	0	0	0	0	0	0	-1.54	-1.54	1	1	0	900	900	0
10/4/2023 0:28	56802 BENV_T2	0	1	1	0	0.3	0.3	-2.49	-2.46	0	0	0	0	0	0
10/4/2023 0:28	60701 BREC_T1	0	0	0	0	0	0	-0.01	0	0	0	0	0	0	0
10/4/2023 0:28	17802 GILB_T1	0	0	0	0	0	0	0	-0.03	0	0	0	0	0	0
10/4/2023 0:28	52502 PROG_T2	0	0	0	0	0	0	0.29	0.3	0	0	0	0	0	0
10/4/2023 0:28	66505 SMAN_T2	0	3	3	0	0.17	0.17	0.13	0.01	1	1	0	900	900	0
10/4/2023 0:28	10801 CHHI_T1	0	0	0	0	0	0	-0.91	-0.93	1	1	0	900	900	0
10/4/2023 0:28	17805 GILB_T2	0	0	0	0	0	0	0.07	0.06	0	0	0	0	0	0
10/4/2023 0:28	64301 LINC_T1	1	0	-1	2.5	0	-2.5	-0.28	-0.3	1	0	-1	600	0	-600
10/4/2023 0:28	15001 BLMO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/4/2023 0:28	53601 DALM_T2	1	1	0	1.1	1.2	0.1	0.11	0.12	0	0	0	0	0	0
10/4/2023 0:28	45901 AUBU_T1	0	0	0	0	0	0	0.21	0.2	0	0	0	0	0	0
10/4/2023 1:24	52401 GRPA_T2	1	1	0	0.5	0.5	0	0	0	0	0	0	0	0	0
10/4/2023 5:03	15001 BLMO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/4/2023 5:04	15001 BLMO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/4/2023 7:16	56802 BENV_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/4/2023 7:23	46203 DANV_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/4/2023 7:39	46206 DANV_T2	1	2	1	0.4	0.2	-0.2	0	0	0	0	0	0	0	0
10/4/2023 8:08	56802 BENV_T2	142	133	-9	0.24	0.2	-0.04	-1.53	-0.78	0	0	0	0	0	0
10/4/2023 8:10	56802 BENV_T2	142	133	-9	0.24	0.2	-0.04	-1.53	-0.78	0	0	0	0	0	0
10/4/2023 8:16	46501 LOHA_T1	1	1	0	0.5	0.4	-0.1	0	0	0	0	0	0	0	0
10/4/2023 8:20	44601 SALE_T2	0	0	0	0	0	0	1.54	0.52	1	1	0	600	600	0
10/4/2023 8:21	44601 SALE_T2	0	0	0	0	0	0	1.54	0.52	1	1	0	600	600	0
10/4/2023 8:26	46203 DANV_T2	0	0	0	0	0	0	-0.08	0.01	0	0	0	0	0	0
10/4/2023 8:29	40101 HUNT_T2	0	0	0	0	0	0	-0.53	-0.43	0	0	0	0	0	0
10/4/2023 8:36	29401 BELT_T1	3	0	-3	0.1	0	-0.1	0	0	1	1	0	900	900	0
10/4/2023 8:41	53601 DALM_T2	1	1	0	0.8	0.7	-0.1	-0.11	-0.03	0	0	0	0	0	0
10/4/2023 8:42	46206 DANV_T2	0	1	1	0	0.7	0.7	0	0	0	0	0	0	0	0
10/4/2023 8:42	29401 BELT_T1	3	0	-3	0.1	0	-0.1	0	0	1	1	0	900	900	0
10/4/2023 9:02	54701 NEBL_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/4/2023 9:07	67401 WAKE_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/4/2023 9:10	26603 BROO_T1	0	2	2	0	0.25	0.25	0.92	0.98	0	0	0	0	0	0
10/4/2023 9:12	41801 GOCI_T2	2	3	1	0.35	0.2	-0.15	0	0	0	0	0	0	0	0
10/4/2023 9:13	41801 GOCI_T2	2	3	1	0.35	0.2	-0.15	0	0	0	0	0	0	0	0
10/4/2023 9:24	60803 BUCK_T1	2	0	-2	0.1	0	-0.1	0	0	0	0	0	0	0	0
10/4/2023 9:29	42001 MNVL_T2	28	19	-9	0.14	0.15	0.01	0.05	0.1	0	0	0	0	0	0
10/4/2023 9:32	13503 MCMI_T2	0	1	1	0	0.1	0.1	-0.01	-0.01	0	0	0	0	0	0
10/4/2023 9:38	56802 BENV_T2	1	11	10	0.9	0.2	-0.7	-0.77	-0.78	0	0	0	0	0	0
10/4/2023 9:39	29402 BELT_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/4/2023 9:39	45902 AUBU_T1	0	0	0	0	0	0	-1.26	-1.23	2	2	0	1200	1200	0
10/4/2023 9:40	46206 DANV_T2	1	1	0	0.2	0.4	0.2	0	0	0	0	0	0	0	0
10/4/2023 9:40	29401 BELT_T1	0	0	0	0	0	0	0	0	1	1	0	900	900	0
10/4/2023 9:44	29401 BELT_T1	0	0	0	0	0	0	0	0	1	1	0	900	900	0
10/4/2023 9:47	59302 MCAL_T1	0	1	1	0	0	0	0	0	0	0	0	0	0	0
10/4/2023 9:47	41901 REED_T1	3	2	-1	0.2	0.15	-0.05	-1.31	-1.23	1	1	0	900	900	0
10/4/2023 9:48	43202 MVIL_T2	1	1	0	0.4	0.5	0.1	-0.53	-0.55	0	0	0	0	0	0
10/4/2023 9:50	43202 MVIL_T2	1	1	0	0.4	0.5	0.1	-0.53	-0.55	0	0	0	0	0	0
10/4/2023 9:51	14402 SSLA_T1	10	20	10	0.17	0.22	0.05	0	0	0	0	0	0	0	0
10/4/2023 9:51	46004 BERW_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/4/2023 9:51	59102 WALK_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/4/2023 9:52	20403 ASHF_T2	0	2	2	0	0	0	1.23	1.23	0	0	0	0	0	0
10/4/2023 9:52	14403 SSLA_T1	0	2	2	0	0.5	0.5	1.03	1.08	0	0	0	0	0	0
10/4/2023 9:52	10801 CHHI_T1	1	2	1	0.2	0.2	0	-0.55	-0.7	1	1	0	900	900	0
10/4/2023 9:53	20403 ASHF_T2	0	2	2	0	0	0	1.23	1.23	0	0	0	0	0	0
10/4/2023 9:54	62607 ENGL_T1	0	1	1	0	0.1	0.1	0	0	0	0	0	0	0	0
10/4/2023 9:55	15001 BLMO_T1	0	3	3	0	0.2	0.2	0	0	0	0	0	0	0	0
10/4/2023 9:56	62604 ENGL_T1	0	0	0	0	0	0	-1.1	-0.95	0	0	0	0	0	0
10/4/2023 9:56	49803 UNIV_T1	0	1	1	0	0.1	0.1	-1.06	-0.98	0	0	0	0	0	0
10/4/2023 9:58	62605 ENGL_T1	0	1	1	0	0.1	0.1	0	0	0	0	0	0	0	0
10/4/2023 9:59	62605 ENGL_T1	0	1	1	0	0.1	0.1	0	0	0	0	0	0	0	0
10/4/2023 10:00	56802 BENV_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/4/2023 10:00	64702 LITI_T2	0	0	0	0	0	0	-0.5	-0.5	0	0	0	0	0	0
10/4/2023 10:00	64802 MONE_T2	1	1	0	0.4	0.6	0.2	0	0	0	0	0	0	0	0
10/4/2023 10:00	42002 MNVL_T2	1	1	0	4	4.2	0.2	0	0	0	0	0	0	0	0
10/4/2023 10:00	67203 TEHI_T1	5	2	-3	0.63	0.6	-0.03	2.56	2.49	2	2	0	1500	1500	0
10/4/2023 10:00	20401 ASHF_T2	0	1	1	0	0	0	-0.15	-0.08	1	1	0	600	600	0
10/4/2023 10:00	23301 JEFF_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/4/2023 10:00	12604 MACA_T1	0	0	0	0	0	0	0.45	0.44	0	0	0	0	0	0
10/4/2023 10:00	46206 DANV_T2	1	1	0	0.4	0.2	-0.2	0	0	0	0	0	0	0	0
10/4/2023 10:00	54701 NEBL_T1	0	0	0	0	0	0	0	0	1	1	0	600	600	0
10/4/2023 10:00	67203 TEHI_T1	5	2	-3	0.63	0.6	-0.03	2.56	2.49	2	2	0	1500	1500	0
10/4/2023 10:00	67605 WARW_T1	1	1	0	0.1	0.1	0	0	0	0	0	0	0	0	0
10/4/2023 10:00	53501 EVIL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/4/2023 10:00	59102 WALK_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/4/2023 10:00	15001 BLMO_T1	0	2	2	0	0.25	0.25	0	0	0	0	0	0	0	0
10/4/2023 10:00	67401 WAKE_T2	0	0	0	0

Appendix C - Grid Benefits Achieved in Each Instance of Active Management

10/4/2023 10:14	64301 LINC_T1	0	0	0	0	0	0	0.31	0.36	1	1	0	600	600	0
10/4/2023 10:14	17802 GILB_T1	0	3	3	0	0.7	0.7	0.18	0.17	0	0	0	0	0	0
10/4/2023 10:14	40101 HUNT_T2	0	1	1	0	0.1	0.1	-0.3	-0.03	0	0	0	0	0	0
10/4/2023 10:15	64801 MONE_T2	1	0	-1	0.1	0	-0.1	0	0	0	0	0	0	0	0
10/4/2023 10:16	42002 MNVL_T2	1	1	0	4.4	4.2	-0.2	0	0	0	0	0	0	0	0
10/4/2023 10:16	43202 MVIL_T2	1	1	0	0.3	0.8	0.5	-0.52	-0.52	0	0	0	0	0	0
10/4/2023 10:17	49804 UNIV_T1	1	2	1	0.6	0.6	0	0	0	0	0	0	0	0	0
10/4/2023 10:19	66504 SMAN_T2	1	1	0	0.1	0.3	0.2	0	0	0	0	0	0	0	0
10/4/2023 10:19	65402 MARI_T1	4	2	-2	0.28	0.55	0.27	-0.01	-0.01	0	0	0	0	0	0
10/4/2023 10:20	66504 SMAN_T2	1	1	0	0.1	0.3	0.2	-1.15	-1.19	1	1	0	1200	1200	0
10/4/2023 10:20	43202 MVIL_T2	1	1	0	0.3	0.8	0.5	-0.52	-0.52	0	0	0	0	0	0
10/4/2023 10:20	59101 WALK_T2	2	2	0	0.5	0.4	-0.1	0.91	1.07	0	0	0	0	0	0
10/4/2023 10:21	43304 WATS_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/4/2023 10:21	64101 REFR_T1	0	0	0	0	0	0	0.1	-0.03	0	0	0	0	0	0
10/4/2023 10:21	67502 WEWI_T2	1	2	1	0.2	0.3	0.1	-0.09	-0.07	0	0	0	0	0	0
10/4/2023 10:21	29402 BELT_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/4/2023 10:21	67204 TEHI_T2	0	0	0	0	0	0	-0.01	0.01	0	0	0	0	0	0
10/4/2023 10:22	59101 WALK_T2	2	2	0	0.5	0.4	-0.1	0.91	1.07	0	0	0	0	0	0
10/4/2023 10:23	28604 BLYT_T2	1	1	0	0.2	0.1	-0.1	-2.78	-2.78	0	0	0	0	0	0
10/4/2023 10:23	67204 TEHI_T2	0	0	0	0	0	0	-0.01	0.01	0	0	0	0	0	0
10/4/2023 10:23	42701 AUGU_T1	1	1	0	0.4	0.9	0.5	0	0	2	2	0	1800	1800	0
10/4/2023 10:24	15001 BLMO_T1	2	1	-1	0.2	0.4	0.2	0	0	0	0	0	0	0	0
10/4/2023 10:24	67502 WEWI_T2	1	2	1	0.2	0.3	0.1	-0.04	-0.04	0	0	0	0	0	0
10/4/2023 10:25	17802 GILB_T1	2	3	1	0.35	0.7	0.35	0.18	0.17	0	0	0	0	0	0
10/4/2023 10:25	42701 AUGU_T1	1	1	0	0.4	0.9	0.5	0	0	2	2	0	1800	1800	0
10/4/2023 10:26	28801 LAKE_T1	164	211	47	0.17	0.2	0.03	0	0	0	0	0	0	0	0
10/4/2023 10:26	45802 HEGI_T2	0	0	0	0	0	0	0.73	0.74	2	2	0	1200	1200	0
10/4/2023 10:26	52402 GRPA_T2	3	6	3	1.53	0.87	-0.66	0	0	0	0	0	0	0	0
10/4/2023 10:28	17802 GILB_T1	2	3	1	0.35	0.7	0.35	0.36	0.35	0	0	0	0	0	0
10/4/2023 10:28	21901 HUMB_T1	0	0	0	0	0	0	-2.26	-2.26	0	0	0	0	0	0
10/4/2023 10:29	28805 LAKE_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/4/2023 10:29	17805 GILB_T2	1	1	0	0.3	0.5	0.2	0.16	0.13	0	0	0	0	0	0
10/4/2023 10:29	45702 LIND_T2	1	1	0	0.6	0.1	-0.5	-0.29	-0.25	0	0	0	0	0	0
10/4/2023 10:32	54701 NEBL_T1	0	0	0	0	0	0	0	0	1	1	0	600	600	0
10/4/2023 10:38	14801 TREI_T2	95	70	-25	0.42	0.24	-0.18	0.39	0.41	0	0	0	0	0	0
10/4/2023 10:38	15001 BLMO_T1	1	0	-1	0.4	0	-0.4	0	0	0	0	0	0	0	0
10/4/2023 10:41	52402 GRPA_T2	6	6	0	0.82	0.92	0.1	0	0	0	0	0	0	0	0
10/4/2023 10:42	46801 HEPB_T2	2	2	0	0.65	0.5	-0.15	0.76	0.81	0	0	0	0	0	0
10/4/2023 10:44	42902 MIDD_T2	0	0	0	0	0	0	-0.22	-0.27	0	0	0	0	0	0
10/4/2023 10:45	60604 NCOL_T2	0	0	0	0	0	0	-0.39	-0.49	0	0	0	0	0	0
10/4/2023 10:45	52004 LING_T2	2	2	0	0.55	0.7	0.15	0.57	0.55	0	0	0	0	0	0
10/4/2023 10:46	53903 HALI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/4/2023 10:52	67502 WEWI_T2	2	2	0	0.3	0.3	0	0	0	0	0	0	0	0	0
10/4/2023 10:52	49804 UNIV_T1	2	2	0	0.6	0.4	-0.2	0	0	0	0	0	0	0	0
10/4/2023 10:54	13702 SCHN_T1	0	1	1	0	0.4	0.4	0.26	0.27	0	0	0	0	0	0
10/4/2023 10:54	60101 COCA_T1	0	0	0	0	0	0	0.47	0.55	0	0	0	0	0	0
10/4/2023 10:55	56802 BENV_T2	7	7	0	0.27	0.27	0	-1.46	-1.44	0	0	0	0	0	0
10/4/2023 10:55	60101 COCA_T1	0	0	0	0	0	0	0.47	0.55	0	0	0	0	0	0
10/4/2023 10:56	13702 SCHN_T1	0	1	1	0	0.4	0.4	0.26	0.27	0	0	0	0	0	0
10/4/2023 10:57	56801 BENV_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/4/2023 11:00	58402 MORO_T1	0	0	0	0	0	0	-0.93	-0.89	2	2	0	1500	1500	0
10/4/2023 11:01	46803 HEPB_T2	0	0	0	0	0	0	0.48	0.51	0	0	0	0	0	0
10/4/2023 11:02	26401 INOR_T1	1	1	0	0.3	0.6	0.3	0	0	0	0	0	0	0	0
10/4/2023 11:04	58401 MORO_T1	0	1	1	0	0.1	0.1	0	0	0	0	0	0	0	0
10/4/2023 11:04	59402 RFLD_T2	0	0	0	0	0	0	-1.05	-1.05	1	1	0	450	450	0
10/4/2023 11:05	55101 WERT_T1	0	0	0	0	0	0	-1.09	-1.75	3	3	0	2400	2400	0
10/4/2023 11:06	55101 WERT_T1	0	0	0	0	0	0	-1.09	-1.75	3	3	0	2400	2400	0
10/4/2023 11:07	55101 WERT_T1	0	0	0	0	0	0	-1.09	-1.75	3	3	0	2400	2400	0
10/4/2023 11:07	42701 AUGU_T1	1	2	1	1.1	0.5	-0.6	0	0	4	4	0	3600	3600	0
10/4/2023 11:07	58402 MORO_T1	0	0	0	0	0	0	-0.93	-0.89	2	2	0	1500	1500	0
10/4/2023 11:07	56802 BENV_T2	7	4	-3	0.27	0.33	0.06	-0.72	-0.62	0	0	0	0	0	0
10/4/2023 11:08	55101 WERT_T1	0	0	0	0	0	0	-1.09	-1.75	3	3	0	2400	2400	0
10/4/2023 11:09	46206 DANV_T2	1	1	0	0.8	0.6	-0.2	0	0	0	0	0	0	0	0
10/4/2023 11:09	67502 WEWI_T2	2	2	0	0.3	0.1	-0.2	0	0	0	0	0	0	0	0
10/4/2023 11:09	60305 TWVA_T2	0	0	0	0	0	0	-1.13	-1.34	0	2	2	0	2400	2400
10/4/2023 11:10	55101 WERT_T1	0	0	0	0	0	0	-1.09	-1.75	3	3	0	2400	2400	0
10/4/2023 11:10	61803 EEU_T2	1	1	0	0.3	0.7	0.4	0	0	0	0	0	0	0	0
10/4/2023 11:11	10805 CHHI_T2	4	6	2	2.7	2.45	-0.25	-0.62	-0.77	2	2	0	1800	1800	0
10/4/2023 11:11	55101 WERT_T1	0	0	0	0	0	0	-1.09	-1.75	3	3	0	2400	2400	0
10/4/2023 11:14	41801 GOCI_T2	9	7	-2	0.56	0.53	-0.03	0	0	0	0	0	0	0	0
10/4/2023 11:14	12701 MACU_T1	0	0	0	0	0	0	0.17	0.18	0	0	0	0	0	0
10/4/2023 11:15	28403 HART_T2	0	0	0	0	0	0	-0.63	-0.61	1	1	0	900	900	0
10/4/2023 11:16	65402 MARI_T1	1	0	-1	0.1	0	-0.1	-0.01	-0.01	0	0	0	0	0	0
10/4/2023 11:16	12701 MACU_T1	0	0	0	0	0	0	0.34	0.36	0	0	0	0	0	0
10/4/2023 11:17	12701 MACU_T1	0	0	0	0	0	0	0.17	0.18	0	0	0	0	0	0
10/4/2023 11:18	42002 MNVL_T2	1	1	0	4	4.3	0.3	-1.22	-1.22	0	0	0	0	0	0
10/4/2023 11:18	65402 MARI_T1	1	0	-1	0.1	0	-0.1	-0.01	-0.01	0	0	0	0	0	0
10/4/2023 11:18	64101 REFR_T1	0	0	0	0	0	0	-0.01	0.02	0	0	0	0	0	0
10/4/2023 11:19	65402 MARI_T1	1	0	-1	0.1	0	-0.1	-0.01	-0.01	0	0	0	0	0	0
10/4/2023 11:20	65402 MARI_T1	1	0	-1	0.1	0	-0.1	-0.01	-0.01	0	0	0	0	0	0
10/4/2023 11:21	46001 BERW_T1	0	0	0	0	0	0	0.97	0.97	0	0	0	0	0	0
10/4/2023 11:23	27503 WEIS_T2	2	1	-1	0.45	0.7	0.25	0	0	0	0	0	0	0	0
10/4/2023 11:23	42701 AUGU_T1	2	3	1	0.5	0.37	-0.13	0	0	2	2	0	1800	1800	0
10/4/2023 11:24	46001 BERW_T1	0	0	0	0	0	0	0.97	0.97	0	0	0	0	0	0
10/4/2023 11:25	43304 WATS_T2	0	0	0	0	0	0	-0.73	-0.69	0	0	0	0	0	0
10/4/2023 11:25	43301 WATS_T2	1	1	0	0.6	0.7	0.1	0.4	0.43	0	0	0	0	0	0
10/4/2023 11:26	11102 EGYP_T1	0	0	0	0	0	0	-0.24	-0.23	0	0	0	0	0	0
10/4/2023 11:29	52402 GRPA_T2	8	11	3	0.84	0.68	-0.16	0	0	0	0	0	0	0	0
10/4/2023 11:30	59301 MCAL_T1	1	1	0	0.3	0.4	0.1	0	0	0	0	0	0	0	0
10/4/2023 11:31	40101 HUNT_T2	0	2	2	0	0.3	0.3	-0.09	-0.15	0	0	0	0	0	0
10/4/2023 11:33	67201 TEHI_T1	0	1	1	0	0.2	0.2	0	0	0	0	0	0	0	0
10/4/2023 11:33	64802 MONE_T2	3	5	2	0.53	0.5	-0.03	0.31	0.34	0	0	0	0	0	0
10/4/2023 11:34	59402 RFLD_T2	0	0	0	0	0	0	-1	-1.05	1	1	0	450	450	0
10/4/2023 11:34	67201 TEHI_T1	0	1	1	0	0.2	0.2	0.46	0.45	2	2	0	1500	1500	0
10/4/2023 11:35	66703 STRA_T1	0	0	0	0	0	0	0.3	0.4	0	0	0	0	0	0
10/4/2023 11:35	65902 SAKR_T2	0	0	0	0	0	0	0.08	0	1	1	0	300	300	0
10/4/2023 11:37	42201 SHEN_T2	0	0	0	0	0	0	0.09	0.07	1	1	0	600	600	0
10/4/2023 11:38	60803 BUCK_T1	0	0	0	0	0	0	-0.64	-0.6	1	1	0	600	600	0
10/4/2023 11:39	44301 BEAV_T2	1	0	-1	0.4	0	-0.4	0.46	0.51	2	2	0	1500	1500	0
10/4/2023 11:41	60101 COCA_T1	0	1	1	0	0.1	0.1	0.55	0.55	0	0	0	0	0	0
10/4/2023 11:41	60801 BUCK_T1	0	0	0	0	0	0	-0.27	-0.33	1	1	0	600	600	0
10/4/2023 11:41	60803 BUCK_T1	0	0	0	0	0	0	-0.64	-0.6	1	1	0	600	600	0
10/4/2023 11:42	60101 COCA_T1	0	1	1	0	0.1	0.1	0.55	0.55	0	0	0	0	0	0
10/4/2023 11:44	53901 HALI_T2	5	11	6	0.42	0.37	-0.05	0	0	0	0	0	0	0	0
10/4/2023 11:44	45802 HEGI_T2	0	0	0	0	0	0	0.59	0.54	2	2	0	1200	1200	0
10/4/2023 11:44	26401 INOR_T1	1	2	1	0.6	0.45	-0.15	0.65	0.35	0	0	0	0	0	0
10/4/2023 11:45	23402 HONE_T2	1	1	0	6.3	0	-6.3	0	0	0	0	0	0	0	0
10/4/2023 11:45	65401 MARI_T1	0	8	8	0	0.1	0.1	0	0	0	0	0	0	0	0
10/4/2023 11:46	65401 MARI_T1	0	8	8	0	0.1	0.1	0	0	0	0	0	0	0	0
10/4/2023 11:46	23401 HONE_T2	0	0	0	0	0	0	-0.03	-0.03	0	0	0	0	0	0
10/4/2023 11:46	58401 MORO_T1	0	1	1	0	0.1	0.1	0	0	0	0	0	0	0	0
10/4/2023 11:47	53903 HALI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/4/2023 11:48	60604 NCOL_T2	0	0	0	0	0	0	-0.39	-0.4	0	0	0	0	0	0
10/4/2023 11:48	58402 MORO_T1	0	0	0	0	0	0	-0.91	-0.9	2	2	0	1500	1500	0
10/4/2023 11:48	26401 INOR_T1	2	26	24	0.3	0.21	-0.09	0	0	0	0	0	0	0	0
10/4/2023 11:49	64802 MONE_T2	5	3	-2	0.5	0.3	-0.2	0.34	0.35	0	0	0	0	0	0
10/4/2023 11:49	65401 MARI_T1	0	8	8	0	0.1	0.1	0	0	0	0	0	0	0	0
10/4/2023 11:50	64101 REFR_T1	0	0	0	0	0	0	0.05	0.05	0	0	0	0	0	0
10/4/2023 11:50	65401 MARI_T1	0	8	8	0	0.1	0.1	0	0	0	0	0	0	0	0
10/4/2023 11:51	29402 BELT_T1	0	1	1	0	0.2	0.2	0	0	0	0	0	0	0	0
10/4/2023 11:52	56801 BENV_T1	41	29	-12	0.7	0.61	-0.09	-2.16	-2.07	3	3	0	1800	1800	0
10/4/2023 11:52	56802 BENV_T2	2	1	-1	0.4	0.5	0.1	-0.54	-0.51	0	0	0	0	0	0
10/4/2023 11:53	60101 COCA_T1	1	1	0	0.1	0.3	0.2	0.55	0.54	0	0	0	0	0	0
10/4/2023 11:53	56802 BENV_T2	2	1	-1	0.4	0.5	0.1	-1.62	-1.53	0	0	0	0	0	0
10/4/2023 11:54	46203 DANV_T2	5	5	0	0.7	0.52	-0.18	0.05	0.06	0	0	0	0	0	0
10/4/2023 11:54	13702 SCHN_T1	0	1	1	0.3	0.3	0.3	0.26	0.25	0	0	0	0	0	0
10/4/2023 11:54	56802 BENV_T2	2	1	-1	0.4	0.5	0.1	-0.54	-0.51	0	0	0	0	0	0
10/4/2023 11:55	44301 BEAV_T2	0	0	0	0	0	0	0.51	0.01	2	2	0	1500	1500	0
10/4/2023 11:55	56801 BENV_T1	2	3	1	0.3	0.2	-0.1	0	0	0	0	0	0	0	0
10/4/2023 11:55	45902 AUBU_T1	0	0	0	0	0	0	-0.47	-0.54	1	1	0	600	600	0
10/4/2023 11:55	56802 BENV_T2	2	1	-1	0.4	0.5	0.1	-1.08	-1.02	0	0	0	0	0	0
10/4/2023 11:55	49803 UNIV_T1	3	1	-2	0.6	0.9	0.3	-0.75	-0.85	0	0	0	0	0	0
10/4/2023 11:56	29401 BELT_T1	0	0	0	0	0	0	0	0	1	1	0	900	900	0
10/4/2023 11:56	56802 BENV_T2	2	1	-1	0.4	0.5	0.1	-1.08	-1.02	0	0	0	0	0	0
10/4/2023 11:56	29402 BELT_T1	0	1	1	0	0.2	0.2	0	0	0	0	0	0	0	0
10/4/2023 11:56	45902 AUBU_T1	0	0	0	0	0	0	-0.47	-0.54	1	1	0	600	600	0
10/4/2023 11:56	49804 UNIV_T1	0	1	1	0	0.2	0.2	0	0	0	0	0	0	0	0
10/4/2023 11:56	46203 DANV_T2	5	5	0	0.7	0.52	-0.18	0.05	0.06	0	0	0	0	0	0
10/4/2023 11:56	56803 BENV_T1	2	3	1	0.3	0.2	-0.1	0	0	0	0	0	0	0	0
10/4/2023 11:57	56801 BENV_T1	41	29	-12	0.7	0.61	-0.09	-0.72	-0.69	1	1	0	600	600	0
10/4/2023 11:57	60101 COCA_T1	1	1	0	0.1	0.3	0.2	0.55	0.54	0	0	0	0	0	0
10/4/2023 11:57	53901 HALI_T2	11	6	-5	0.37	0.38	0.01	0	0	0	0	0	0	0	0
10/4/2023 11:57	13702 SCHN_T1	0	1	1	0	0.3	0.3	0.26	0.25	0	0	0	0	0	0
10/4/2023 11:57	45802 HEGI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/4/2023 11:58	52401 GRPA_T2	0	0	0	0	0	0	-0.4	-0.4	0	0	0	0	0	0
10/4/2023 11:58	52401 GRPA_T2	0	0	0	0	0	0	-0.4	-0.4	0	0	0	0	0	0
10/4/2023 12:00	45003 LIME_2	1	1	0	2.7	3.3	0.6	0	0	1	1	0	1200	1200	0
10/4/2023 12:00	26401 INOR_T1	2	42	40	0.45	0.27	-0.18	0.35	0.36	0	0	0	0	0	0
10/4/2023 12:00	52402 GRPA_T2	8	6	-2	0.79	1	0.21	0	0	0	0	0	0	0	0
10/4/2023 12:02	46506 LOHA_T1	1	1	0	0.1	0.1	0	-0.46	-0.44	0	0	0	0	0	0
10/4/2023 12:03	58401 MORO_T1	1	0	-1	0.1	0	-0.1	0	0	0	0	0	0	0	0
10/4/2023 12:04	58402 MORO_T1	0	0	0	0	0	0	-0.9	-0.93	2	2	0	1500	1500	0
10/4/2023 12:06	64101 REFR_T1	0	0	0	0	0	0	0.05	0.07	0	0	0	0	0	0
10/4/2023 12:07	13702 SCHN_T1	1	1	0	0.3	0	-0.3	0.25	0.25	0	0	0	0	0	0
10/4/2023 12:07	60101 COCA_T1	1	1	0	0.1	0.8	0.7	0.54	0.57	0	0	0	0	0	0
10/4/2023 12:08	56801 BENV_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/4/2023 12:08	60101 COCA_T1	1	1	0	0.1	0.8	0.7	0.54	0.57	0	0	0	0	0	0
10/4/2023 12:08	44302 BEAV_T2	4	16	12	0.4	0.51	0.11	0.35	0.34	0	0	0	0	0	0
10/4/2023 12:09	46206 DANV_T2	1	1	0	1.1	0.9	-0.2	0	0	0	0	0	0	0	0
10/4/2023 12:10	13702 SCHN_T1	1	1	0	0.3	0	-0.3	0.25	0.25	0	0	0	0	0	0
10/4/2023 12:11	44302 BEAV_T2	4	16	12	0.4	0.51	0.11	0	0	0	0	0	0	0	0
10/4/2023 12:11	49804 UNIV_T1	1	1	0	0.2	0.2	0	0	0	0	0	0	0	0	0
10/4/2023 12:12	46203 DANV_T2	4	5	1	0.6	0.54	-0.06	0.06	0.1	0	0	0	0	0	0
10/4/2023 12:12	40101 HUNT_T2	1	1	0	0.2	0.2	0	-0.09	-0.1	0	0	0	0	0	0
10/4/2023 12:12	49803 UNIV_T1	1	1	0	0.7	1.2	0.5	-0.85	-0.81	0	0	0	0	0	0
10/4/2023 12:12	64702 LITI_T2	0	0	0	0	0	0	-0.33	-0.33	0	0	0	0	0	0
10/4/2023 12:13	40101 HUNT_T2	1	1	0	0.2	0.2	0	-0.09	-0.1	0	0	0	0	0	0
10/4/2023 12:15	59001 MIFF_T1	1	1	0	0.9	0.9	0	0	0	0	0	0	0	0	0
10/4/2023 12:15	40101 HUNT_T2	1	2	1	0.2	0	-0.2	-0.1	-0.1	0	0	0	0	0	0
10/4/2023 12:18	45001 LIME_2	2	0	-2	0.2	0	-0.2	0	0	0	0	0	0	0	0
10/4/2023 12:20	64702 LITI_T2	0	0	0	0	0	0	-0.33	-0.33	0	0	0	0	0	0
10/4/2023 12:20	59001 MIFF_T1	1	1	0	0.9	0.9	0	0	0	0	0	0	0	0	0
10/4/2023 12:24	42902 MIDD_T2	1	1	0	0.8	0.3	-0.5	-0.09	-0.08	0	0	0	0	0	0
10/4/2023 12:24	59001 MIFF_T1	1	1	0	0.9	0.9	0	0	0	0	0	0	0	0	0
10/4/2023 12:24	45902 AUBU_T1	0	0	0	0	0	0	-0.46	-0.45	1	1	0	600	600	0
10/4/2023 12:29	45001 LIME_2	2	0	-2	0.2	0	-0.2	0	0	0	0	0	0	0	0
10/4/2023 12:30	58402 MORO_T1	0	0	0	0	0	0	-0.91	-0.86	2	2	0	1500	1500	0
10/4/2023 12:30	45003 LIME_2	1	3

Appendix C - Grid Benefits Achieved in Each Instance of Active Management

10/4/2023 13:59	44502 HAMI_T2	1	1	0	1.8	1.9	0.1	-0.44	-0.41	0	0	0	0	0	0
10/4/2023 13:59	45802 HEGI_T2	0	0	0	0	0	0	0.67	0.53	2	2	0	1200	1200	0
10/4/2023 13:59	56802 BENV_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/4/2023 14:04	65902 SAKR_T2	0	0	0	0	0	0	0.13	0.1	1	1	0	300	300	0
10/4/2023 14:04	56802 BENV_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/4/2023 14:06	67503 WEWI_T2	0	0	0	0	0	0	0.16	0.15	0	0	0	0	0	0
10/4/2023 14:06	67502 WEWI_T2	3	2	-1	0.43	0.3	-0.13	-1.15	-1.42	2	2	0	1800	1800	0
10/4/2023 14:08	45901 AUBU_T1	0	0	0	0	0	0	0.46	0.51	0	0	0	0	0	0
10/4/2023 14:09	46206 DANV_T2	3	7	4	0.93	2.2	1.27	0	0	0	0	0	0	0	0
10/4/2023 14:09	27502 WEIS_T2	0	0	0	0	0	0	-0.05	-0.06	0	0	0	0	0	0
10/4/2023 14:09	45902 AUBU_T1	0	0	0	0	0	0	-0.54	-0.62	1	1	0	600	600	0
10/4/2023 14:09	20403 ASHF_T2	5	1	-4	0.32	0.2	-0.12	0.12	0.39	0	0	0	0	0	0
10/4/2023 14:09	60801 BUCK_T1	2	0	-2	0.1	0	-0.1	-0.44	-0.39	1	1	0	600	600	0
10/4/2023 14:10	45902 AUBU_T1	0	0	0	0	0	0	-0.54	-0.62	1	1	0	600	600	0
10/4/2023 14:10	67502 WEWI_T2	3	2	-1	0.43	0.3	-0.13	0	0	0	0	0	0	0	0
10/4/2023 14:10	46203 DANV_T2	2	0	-2	0.5	0	-0.5	0.21	0.25	0	0	0	0	0	0
10/4/2023 14:10	45902 AUBU_T1	0	0	0	0	0	0	-0.54	-0.62	1	1	0	600	600	0
10/4/2023 14:10	20403 ASHF_T2	5	1	-4	0.32	0.2	-0.12	0.12	0.39	0	0	0	0	0	0
10/4/2023 14:11	45902 AUBU_T1	0	0	0	0	0	0	-0.54	-0.62	1	1	0	600	600	0
10/4/2023 14:12	21901 HUMB_T1	0	0	0	0	0	0	-2.04	-2	0	0	0	0	0	0
10/4/2023 14:14	26401 INOR_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/4/2023 14:14	11102 EGYP_T1	1	1	0	0.4	0	-0.4	0	0	0	0	0	0	0	0
10/4/2023 14:15	59302 MCAL_T1	3	2	-1	0.7	0	-0.7	0.14	0.12	1	1	0	600	600	0
10/4/2023 14:15	45802 HEGI_T2	0	0	0	0	0	0	0.53	1.01	2	2	0	1200	1200	0
10/4/2023 14:20	55101 WERT_T1	2	0	-2	0.2	0	-0.2	-1.91	-2.08	4	4	0	3300	3300	0
10/4/2023 14:20	67502 WEWI_T2	2	1	-1	0.3	0.4	0.1	-0.71	-0.72	1	1	0	900	900	0
10/4/2023 14:21	67502 WEWI_T2	2	1	-1	0.3	0.4	0.1	0	0	0	0	0	0	0	0
10/4/2023 14:21	55101 WERT_T1	2	0	-2	0.2	0	-0.2	-3.83	-4.16	8	8	0	6600	6600	0
10/4/2023 14:21	67502 WEWI_T2	2	1	-1	0.3	0.4	0.1	-1.42	-1.43	2	2	0	1800	1800	0
10/4/2023 14:23	45602 WOOL_T1	2	0	-2	0.35	0	-0.35	0.6	-0.21	0	1	1	0	900	900
10/4/2023 14:23	56802 BENV_T2	4	4	0	0.68	0.63	-0.05	-0.45	-0.44	0	0	0	0	0	0
10/4/2023 14:24	55101 WERT_T1	2	0	-2	0.2	0	-0.2	-1.91	-2.08	4	4	0	3300	3300	0
10/4/2023 14:25	45901 AUBU_T1	0	0	0	0	0	0	0.51	0.49	0	0	0	0	0	0
10/4/2023 14:25	46206 DANV_T2	1	9	8	2.2	0.83	-1.37	0	0	0	0	0	0	0	0
10/4/2023 14:25	55101 WERT_T1	2	0	-2	0.2	0	-0.2	-1.91	-2.08	4	4	0	3300	3300	0
10/4/2023 14:25	45901 AUBU_T1	0	0	0	0	0	0	0.51	0.49	0	0	0	0	0	0
10/4/2023 14:25	45602 WOOL_T1	2	0	-2	0.35	0	-0.35	1.2	-0.42	0	2	2	0	1800	1800
10/4/2023 14:25	60801 BUCK_T1	0	0	0	0	0	0	-0.39	-0.36	1	1	0	600	600	0
10/4/2023 14:26	44302 BEAV_T2	0	3	3	0	0.3	0.3	0	0	0	0	0	0	0	0
10/4/2023 14:26	42503 ALTA_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/4/2023 14:26	55101 WERT_T1	2	0	-2	0.2	0	-0.2	-1.91	-2.08	4	4	0	3300	3300	0
10/4/2023 14:26	20403 ASHF_T2	1	0	-1	0.2	0	-0.2	0.78	0.75	0	0	0	0	0	0
10/4/2023 14:26	52403 GRPA_T2	2	3	1	0.15	0.2	0.05	0.23	0.24	0	0	0	0	0	0
10/4/2023 14:26	56802 BENV_T2	4	4	0	0.68	0.63	-0.05	-0.45	-0.44	0	0	0	0	0	0
10/4/2023 14:26	45902 AUBU_T1	0	0	0	0	0	0	-0.62	-0.52	1	1	0	600	600	0
10/4/2023 14:27	45902 AUBU_T1	0	0	0	0	0	0	-0.62	-0.52	1	1	0	600	600	0
10/4/2023 14:27	52403 GRPA_T2	2	3	1	0.15	0.2	0.05	0.23	0.24	0	0	0	0	0	0
10/4/2023 14:29	40101 HUNT_T2	0	0	0	0	0	0	-0.57	-0.5	1	1	0	300	300	0
10/4/2023 14:30	44502 HAMI_T2	1	2	1	1.6	1.5	-0.1	-0.43	-0.32	0	0	0	0	0	0
10/4/2023 14:30	65401 MARI_T1	8	9	1	0.94	0.98	0.04	0	0	0	0	0	0	0	0
10/4/2023 14:30	23401 HONE_T2	0	0	0	0	0	0	-0.02	0	0	0	0	0	0	0
10/4/2023 14:30	23402 HONE_T2	0	0	0	0	0	0	0.77	0.63	0	0	0	0	0	0
10/4/2023 14:31	45802 HEGI_T2	0	3	3	0	0	0	1.01	0.7	2	2	0	1200	1200	0
10/4/2023 14:31	60604 NCOL_T2	0	0	0	0	0	0	-0.14	-0.07	0	0	0	0	0	0
10/4/2023 14:32	41902 REED_T1	0	6	6	0	0.55	0.55	2.52	2.42	0	0	0	0	0	0
10/4/2023 14:32	65402 MARI_T1	0	0	0	0	0	0	-0.02	-0.02	0	0	0	0	0	0
10/4/2023 14:32	64802 MONE_T2	1	2	1	0.4	0.2	-0.2	0.23	0.23	0	0	0	0	0	0
10/4/2023 14:33	65402 MARI_T1	0	0	0	0	0	0	-0.01	-0.01	0	0	0	0	0	0
10/4/2023 14:34	65402 MARI_T1	0	0	0	0	0	0	-0.01	-0.01	0	0	0	0	0	0
10/4/2023 14:34	59402 RFLD_T2	0	1	1	0	0.1	0.1	-3.38	-3.34	3	3	0	1350	1350	0
10/4/2023 14:35	65901 SAKR_T2	1	0	-1	9.4	0	-9.4	0	0	0	0	0	0	0	0
10/4/2023 14:36	41901 REED_T1	0	0	0	0	0	0	-0.94	-1.12	1	1	0	900	900	0
10/4/2023 14:36	41902 REED_T1	0	6	6	0	0.55	0.55	1.26	1.21	0	0	0	0	0	0
10/4/2023 14:36	67203 TEHI_T1	2	1	-1	0.9	0	-0.9	2.32	2.28	2	2	0	1500	1500	0
10/4/2023 14:36	59402 RFLD_T2	0	1	1	0	0.1	0.1	-1.13	-1.11	1	1	0	450	450	0
10/4/2023 14:36	20403 ASHF_T2	0	0	0	0	0	0	0.75	0.74	0	0	0	0	0	0
10/4/2023 14:36	29401 BELT_T1	0	0	0	0	0	0	0	0	1	1	0	900	900	0
10/4/2023 14:36	45902 AUBU_T1	0	0	0	0	0	0	-0.52	-0.5	1	1	0	600	600	0
10/4/2023 14:37	67503 WEWI_T2	0	0	0	0	0	0	0.16	0.15	0	0	0	0	0	0
10/4/2023 14:37	45902 AUBU_T1	0	0	0	0	0	0	-0.52	-0.5	1	1	0	600	600	0
10/4/2023 14:37	56802 BENV_T2	4	2	-2	0.63	0.85	0.22	-0.44	-0.43	0	0	0	0	0	0
10/4/2023 14:40	45902 AUBU_T1	0	0	0	0	0	0	-0.52	-0.5	1	1	0	600	600	0
10/4/2023 14:40	11104 EGYP_T1	5	6	1	0.8	0.64	-0.16	1.9	1.92	0	0	0	0	0	0
10/4/2023 14:40	29401 BELT_T1	0	0	0	0	0	0	0	0	1	1	0	900	900	0
10/4/2023 14:40	56802 BENV_T2	4	2	-2	0.63	0.85	0.22	-0.44	-0.43	0	0	0	0	0	0
10/4/2023 14:40	17802 GILB_T1	1	1	0	0.3	0.5	0.2	0.4	0.36	0	0	0	0	0	0
10/4/2023 14:41	60803 BUCK_T1	0	1	1	0	0	0	0	0	0	0	0	0	0	0
10/4/2023 14:41	46206 DANV_T2	7	7	0	0.73	1.3	0.57	0	0	0	0	0	0	0	0
10/4/2023 14:41	65401 MARI_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/4/2023 14:42	52403 GRPA_T2	1	4	3	1	0.5	-0.5	0.24	0	0	0	0	0	0	0
10/4/2023 14:42	23401 HONE_T2	0	0	0	0	0	0	-0.02	0	0	0	0	0	0	0
10/4/2023 14:42	45901 AUBU_T1	0	0	0	0	0	0	0.49	0.46	0	0	0	0	0	0
10/4/2023 14:43	52403 GRPA_T2	1	4	3	1	0.5	-0.5	0.24	0	0	0	0	0	0	0
10/4/2023 14:43	56802 BENV_T2	4	2	-2	0.63	0.85	0.22	-0.44	-0.43	0	0	0	0	0	0
10/4/2023 14:44	21901 HUMB_T1	0	0	0	0	0	0	-2.01	-1.98	0	0	0	0	0	0
10/4/2023 14:44	59001 MIFF_T1	3	1	-2	0.67	1.3	0.63	0	0	0	0	0	0	0	0
10/4/2023 14:45	65402 MARI_T1	0	0	0	0	0	0	-0.01	-0.01	0	0	0	0	0	0
10/4/2023 14:45	23401 HONE_T2	0	0	0	0	0	0	0	-0.03	0	0	0	0	0	0
10/4/2023 14:45	44502 HAMI_T2	1	1	0	1.5	1.7	0.2	-0.32	-0.4	0	0	0	0	0	0
10/4/2023 14:46	59001 MIFF_T1	1	1	0	1.3	0.7	-0.6	0	0	0	0	0	0	0	0
10/4/2023 14:47	59001 MIFF_T1	1	1	0	1.3	0.7	-0.6	0	0	0	0	0	0	0	0
10/4/2023 14:47	45802 HEGI_T2	0	0	0	0	0	0	0.7	0.02	2	2	0	1200	1200	0
10/4/2023 14:48	65402 MARI_T1	0	0	0	0	0	0	-0.02	-0.02	0	0	0	0	0	0
10/4/2023 14:48	56802 BENV_T2	2	2	0	0.85	0.6	-0.25	-0.43	-0.43	0	0	0	0	0	0
10/4/2023 14:50	14403 SSLA_T1	1	1	0	0.2	1.1	0.9	1.39	1.38	0	0	0	0	0	0
10/4/2023 14:51	41901 REED_T1	0	0	0	0	0	0	-1.12	-1.1	1	1	0	900	900	0
10/4/2023 14:51	55101 WERT_T1	0	0	0	0	0	0	-4.04	-4.07	8	8	0	6600	6600	0
10/4/2023 14:52	45402 WILO_T2	1	1	0	0.5	0.5	0	-0.32	-0.3	0	0	0	0	0	0
10/4/2023 14:52	15001 BLMO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/4/2023 14:52	55101 WERT_T1	0	0	0	0	0	0	-4.04	-4.07	8	8	0	6600	6600	0
10/4/2023 14:53	56802 BENV_T2	2	2	0	0.85	0.6	-0.25	-0.86	-0.86	0	0	0	0	0	0
10/4/2023 14:53	55101 WERT_T1	0	0	0	0	0	0	-4.04	-4.07	8	8	0	6600	6600	0
10/4/2023 14:54	56802 BENV_T2	2	2	0	0.85	0.6	-0.25	-0.86	-0.86	0	0	0	0	0	0
10/4/2023 14:56	63403 HONY_T2	0	0	0	0	0	0	0.47	0.4	1	1	0	600	600	0
10/4/2023 14:56	11104 EGYP_T1	5	6	1	0.72	0.6	-0.12	1.92	1.94	0	0	0	0	0	0
10/4/2023 14:56	13702 SCHN_T1	1	1	0	0.1	1.2	1.1	0.25	0.26	0	0	0	0	0	0
10/4/2023 14:57	46206 DANV_T2	6	5	-1	0.7	1.35	0.65	0	0	0	0	0	0	0	0
10/4/2023 14:57	15001 BLMO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/4/2023 14:57	45802 HEGI_T2	0	3	3	0	0	0	0.7	0.02	2	2	0	1200	1200	0
10/4/2023 14:58	56802 BENV_T2	2	2	0	0.85	0.6	-0.25	-0.43	-0.43	0	0	0	0	0	0
10/4/2023 14:58	13702 SCHN_T1	1	1	0	0.1	1.2	1.1	0.25	0.26	0	0	0	0	0	0
10/4/2023 15:02	41902 REED_T1	5	12	7	0.72	1	0.28	1.28	1.27	0	0	0	0	0	0
10/4/2023 15:03	41902 REED_T1	5	12	7	0.72	1	0.28	2.56	2.54	0	0	0	0	0	0
10/4/2023 15:03	59302 MCAL_T1	1	3	2	0.1	0.4	0.3	0.12	0.07	1	1	0	600	600	0
10/4/2023 15:06	64101 REFR_T1	0	0	0	0	0	0	0.17	0.23	0	0	0	0	0	0
10/4/2023 15:06	67204 TEHI_T2	0	0	0	0	0	0	0.15	0.17	0	0	0	0	0	0
10/4/2023 15:06	66703 STRA_T1	0	0	0	0	0	0	0.71	0.55	0	0	0	0	0	0
10/4/2023 15:08	67204 TEHI_T2	0	0	0	0	0	0	0.15	0.17	0	0	0	0	0	0
10/4/2023 15:09	43302 WATS_T2	0	1	1	0	4.2	4.2	0	0	0	0	0	0	0	0
10/4/2023 15:12	11102 EGYP_T1	1	1	0	0.3	0.6	0.3	0	0	0	0	0	0	0	0
10/4/2023 15:17	26401 INOR_T1	0	2	2	0	0	0	0	0	0	0	0	0	0	0
10/4/2023 15:18	48302 ORWI_T2	0	0	0	0	0	0	-0.2	-0.19	0	0	0	0	0	0
10/4/2023 15:29	63402 HONY_T2	1	1	0	0.1	0.2	0.1	0	0	0	0	0	0	0	0
10/4/2023 15:29	64305 LINC_T1	0	0	0	0	0	0	-0.55	-0.57	0	0	0	0	0	0
10/4/2023 15:30	56802 BENV_T2	1	1	0	0.4	0.1	-0.3	-0.39	-0.44	0	0	0	0	0	0
10/4/2023 15:38	45901 AUBU_T1	0	0	0	0	0	0	0.48	0.4	0	0	0	0	0	0
10/4/2023 15:52	59202 THOM_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/4/2023 15:55	15001 BLMO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/4/2023 15:56	15001 BLMO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/4/2023 16:01	64802 MONE_T2	0	0	0	0	0	0	0.2	0.17	0	0	0	0	0	0
10/4/2023 16:07	43304 WATS_T2	1	3	2	1.7	0	-1.7	-0.41	-0.39	0	0	0	0	0	0
10/4/2023 16:09	62604 ENGL_T1	0	0	0	0	0	0	-1.01	-0.95	1	1	0	600	600	0
10/4/2023 16:10	62604 ENGL_T1	0	0	0	0	0	0	-1.01	-0.95	1	1	0	600	600	0
10/4/2023 16:10	15001 BLMO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/4/2023 16:11	15001 BLMO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/4/2023 16:12	62604 ENGL_T1	0	0	0	0	0	0	-2.01	-1.89	2	2	0	1200	1200	0
10/4/2023 16:13	23401 HONE_T2	0	0	0	0	0	0	0.06	0.03	0	0	0	0	0	0
10/4/2023 16:14	62604 ENGL_T1	0	0	0	0	0	0	-0.95	-0.97	1	1	0	600	600	0
10/4/2023 16:14	64303 LINC_T1	0	0	0	0	0	0	0.04	0.12	0	0	0	0	0	0
10/4/2023 16:16	26401 INOR_T1	0	5	5	0	0.12	0.12	0.82	0.7	0	0	0	0	0	0
10/4/2023 16:16	52401 GRPA_T2	1	1	0	0.3	0	-0.3	0	0	0	0	0	0	0	0
10/4/2023 16:26	60604 NCOL_T2	0	0	0	0	0	0	-0.12	-0.18	0	0	0	0	0	0
10/4/2023 16:31	52402 GRPA_T2	1	1	0	2.5	2.5	0	0	0	0	0	0	0	0	0
10/4/2023 16:47	59301 MCAL_T1	2	0	-2	0.1	0	-0.1	-1.49	-1.49	1	1	0	600	600	0
10/4/2023 16:47	13503 MCMI_T2	0	0	0	0	0	0	-0.01	-0.01	0	0	0	0	0	0
10/4/2023 17:07	45802 HEGI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/4/2023 17:14	49803 UNIV_T1	0	0	0	0	0	0	-0.52	-0.51	0	0	0	0	0	0
10/4/2023 17:45	63203 MGTN_T1	0	0	0	0	0	0	-0.67	-0.65	2	2	0	1200	1200	0
10/4/2023 18:01	45802 HEGI_T2	0	0	0	0	0	0	0.43	0.15	2	2	0	1200	1200	0
10/4/2023 19:38	26401 INOR_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/4/2023 19:39	23301 JEFF_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/4/2023 19:43	61303 EARL_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/4/2023 19:43	42503 ALTA_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/4/2023 19:44	42401 GIMA_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/4/2023 19:45	46002 BERW_T2	2	0	-2	0.1	0	-0.1	0	0	0	0	0	0	0	0
10/4/2023 19:48	43304 WATS_T2	1	0	-1	0.2	0	-0.2	0	0	0	0	0	0	0	0
10/4/2023 19:48	60604 NCOL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/4/2023 19:48	42002 MNVL_T2	1	1	0	3.2	2.7	-0.5	0	0	0	0	0	0	0	0
10/4/2023 19:49	45802 HEGI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/4/2023 19:50	65402 MARI_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/4/2023 19:50	54701 NEBL_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/4/2023 19:51	46206 DANV_T2	1	1	0	0.5	0	-0.5	0	0	0	0	0	0	0	0
10/4/2023 19:52	45402 WILO_T2	1	7	6	0.8	0.2	-0.6	0	0	0	0	0	0	0	0
10/4/2023 19:53	67401 WAKE_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/4/2023 19:54	60801 BUCK_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/4/2023 19:58	53903 HALI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/4/2023 19:58	56802 BENV_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/4/2023 20:00	53501 EVIL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/4/2023 20:09	14801 TREI_T2	2	0	-2	0.25	0	-0.25	0.7	0.65	0	0	0	0	0	0
10/4/2023 20:13	59402 RFLD_T2	11	9	-2	0.23	0.26	0.03	-1.17	-1.16	1	1	0	450	450	0
10/4/2023 20:30	56802 BENV_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/4/2023 20:32	26401 INOR_T1	1	11	10	0.2	0.12	-0.08	0.31	0.3	0	0	0	0	0	0
10/4/2023 20:33	17805 GILB_T2	0	0	0	0	0	0	0.13	0.1	0	0	0	0	0	0
10/4/2023 20:36	64702 LITI_T2	0	0	0	0	0	0	-0.44	-0.55	0	0	0	0	0	0
10/4/2023 20:37	60101 COCA_T1	0	0	0	0	0	0	0.46	0.45	0	0	0	0	0	0
10/4/2023 20:38	10801 CHHI_T1	0	0	0	0	0	0	-1.67	-1.7	3	3	0	2100	2100	0
10/4/2023 20:38	52004 LING_T2	1	1	0	0.4	0.1	-0.3	0.44	0.47	0	0	0	0	0	0
10/4/2023 20:38	67502 WEWI_T2	1	35	34	0.1	0.15	0.05	0	0	0	0	0	0	0	0
10/4/2023 20:38	10805 CHHI_T2	2	2	0	4.65	9	4.35	-0.42	-0.45	1	1	0	600	600	0
10/4/2023 20:38	63403

Appendix C - Grid Benefits Achieved in Each Instance of Active Management

10/4/2023 20:44	53601 DALM_T2	1	1	0	0.2	0.6	0.4	0.05	0	0	0	0	0	0	0
10/4/2023 20:44	66505 SMAN_T2	0	0	0	0	0	0	0.36	0.19	2	2	0	1500	1500	0
10/4/2023 20:44	67204 TEHI_T2	0	0	0	0	0	0	-0.16	-0.17	0	0	0	0	0	0
10/4/2023 20:44	23401 HONE_T2	0	0	0	0	0	0	-0.12	-0.11	0	0	0	0	0	0
10/4/2023 20:45	52402 GRPA_T2	4	5	1	1.58	1.66	0.08	0	0	0	0	0	0	0	0
10/4/2023 20:45	65402 MARI_T1	84	82	-2	0.55	0.62	0.07	-0.01	-0.01	0	0	0	0	0	0
10/4/2023 20:45	42701 AUGU_T1	0	0	0	0	0	0	0	0	2	2	0	1800	1800	0
10/4/2023 20:45	67502 WEWI_T2	0	68	68	0	0.18	0.18	0	0	0	0	0	0	0	0
10/4/2023 20:45	64101 REFR_T1	0	0	0	0	0	0	0.07	0.06	0	0	0	0	0	0
10/4/2023 20:45	56801 BENV_T1	20	31	11	1.09	1.24	0.15	-0.63	-0.67	1	1	0	600	600	0
10/4/2023 20:45	62604 ENGL_T1	0	0	0	0	0	0	-0.66	-0.61	0	0	0	0	0	0
10/4/2023 20:46	40101 HUNT_T2	0	0	0	0	0	0	-0.72	-0.74	1	1	0	300	300	0
10/4/2023 20:46	45602 WOOL_T1	0	1	1	0	0	0	0.57	0.57	0	0	0	0	0	0
10/4/2023 20:46	59003 MIFF_T1	0	0	0	0	0	0	0.47	0.62	0	0	0	0	0	0
10/4/2023 20:46	56802 BENV_T2	1	31	30	0.2	0.12	-0.08	-0.55	-0.53	0	0	0	0	0	0
10/4/2023 20:47	45901 AUBU_T1	0	0	0	0	0	0	0.22	0.24	0	0	0	0	0	0
10/4/2023 20:47	42701 AUGU_T1	0	0	0	0	0	0	0	0	2	2	0	1800	1800	0
10/4/2023 20:47	65402 MARI_T1	84	82	-2	0.55	0.62	0.07	-0.01	-0.01	0	0	0	0	0	0
10/4/2023 20:48	46001 BERW_T1	0	0	0	0	0	0	1.03	1.06	0	0	0	0	0	0
10/4/2023 20:48	46203 DANV_T2	0	4	4	0	0.2	0.2	0.1	0.11	0	0	0	0	0	0
10/4/2023 20:48	20403 ASHF_T2	0	0	0	0	0	0	0.32	0.32	0	0	0	0	0	0
10/4/2023 20:48	15001 BLMO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/4/2023 20:48	17802 GILB_T1	0	0	0	0	0	0	0.14	0.06	0	0	0	0	0	0
10/4/2023 20:49	28403 HART_T2	0	0	0	0	0	0	-0.61	-0.63	1	1	0	900	900	0
10/4/2023 20:49	55101 WERT_T1	0	0	0	0	0	0	-3.5	-3.76	6	6	0	4800	4800	0
10/4/2023 20:49	42701 AUGU_T1	0	0	0	0	0	0	0	0	2	2	0	1800	1800	0
10/4/2023 20:49	61801 EEU_T2	2	4	2	1.1	0.85	-0.25	-0.64	-0.67	1	1	0	600	600	0
10/4/2023 20:49	45702 LIND_T2	0	1	1	0	0.2	0.2	-0.39	-0.38	0	0	0	0	0	0
10/4/2023 20:49	62604 ENGL_T1	0	0	0	0	0	0	-0.66	-0.61	0	0	0	0	0	0
10/4/2023 20:49	56801 BENV_T1	20	31	11	1.09	1.24	0.15	-0.63	-0.67	1	1	0	600	600	0
10/4/2023 20:49	59402 RFLD_T2	14	49	35	0.19	0.32	0.13	-1.18	-1.18	1	1	0	450	450	0
10/4/2023 20:49	45802 HEGI_T2	0	3	3	0	0.13	0.13	0.38	0.24	1	1	0	900	900	0
10/4/2023 20:50	43304 WATS_T2	0	0	0	0	0	0	-0.64	-0.72	0	0	0	0	0	0
10/4/2023 20:50	43202 MVIL_T2	0	3	3	0	0.1	0.1	-0.69	-0.65	0	0	0	0	0	0
10/4/2023 20:50	64801 MONE_T2	0	1	1	0	0.2	0.2	0	0	0	0	0	0	0	0
10/4/2023 20:50	12701 MACU_T1	0	0	0	0	0	0	-2.18	-2.16	2	2	0	2400	2400	0
10/4/2023 20:50	41901 REED_T1	11	11	0	0.49	0.64	0.15	0	0	0	0	0	0	0	0
10/4/2023 20:50	65401 MARI_T1	4	4	0	0.25	0	-0.25	0	0	0	0	0	0	0	0
10/4/2023 20:51	42002 MNVL_T2	1	1	0	2.9	2.5	-0.4	-0.47	-0.51	0	0	0	0	0	0
10/4/2023 20:51	58402 MORO_T1	0	0	0	0	0	0	-0.91	-0.91	2	2	0	1500	1500	0
10/4/2023 20:52	64303 LINC_T1	0	0	0	0	0	0	-0.18	-0.21	0	0	0	0	0	0
10/4/2023 20:52	62604 ENGL_T1	0	0	0	0	0	0	-0.66	-0.61	0	0	0	0	0	0
10/4/2023 20:52	66703 STRA_T1	8	14	6	0.78	0.6	-0.18	-0.02	-0.09	0	0	0	0	0	0
10/4/2023 20:53	52402 GRPA_T2	4	5	1	1.58	1.66	0.08	0	0	0	0	0	0	0	0
10/4/2023 20:53	56802 BENV_T2	1	31	30	0.2	0.12	-0.08	-0.55	-0.53	0	0	0	0	0	0
10/4/2023 20:53	56801 BENV_T1	20	31	11	1.09	1.24	0.15	-1.26	-1.34	2	2	0	1200	1200	0
10/4/2023 20:53	54701 NEBL_T1	3	4	1	0.23	0.3	0.07	0	0	1	1	0	600	600	0
10/4/2023 20:53	59402 RFLD_T2	14	49	35	0.19	0.32	0.13	-1.18	-1.18	1	1	0	450	450	0
10/4/2023 20:53	64101 REFR_T1	0	0	0	0	0	0	0.07	0.06	0	0	0	0	0	0
10/4/2023 20:53	65902 SAKR_T2	0	0	0	0	0	0	-0.1	-0.03	1	0	-1	300	0	-300
10/4/2023 20:53	55101 WERT_T1	0	0	0	0	0	0	-1.75	-1.88	3	3	0	2400	2400	0
10/4/2023 20:54	59003 MIFF_T1	0	0	0	0	0	0	0.47	0.62	0	0	0	0	0	0
10/4/2023 20:54	43302 WATS_T2	4	4	0	0.18	0.25	0.07	0	0	0	0	0	0	0	0
10/4/2023 20:54	58402 MORO_T1	0	0	0	0	0	0	-0.91	-0.91	2	2	0	1500	1500	0
10/4/2023 20:55	59101 WALK_T2	1	1	0	0	0	0	0.93	1.17	1	1	0	450	450	0
10/4/2023 20:57	56802 BENV_T2	1	31	30	0.2	0.12	-0.08	-1.65	-1.59	0	0	0	0	0	0
10/4/2023 20:57	53501 EVIL_T2	2	8	6	1	0.69	-0.31	-0.94	-0.9	2	2	0	1200	1200	0
10/4/2023 21:02	46801 HEPB_T2	41	39	-2	0.29	0.34	0.05	0.86	0.82	0	0	0	0	0	0
10/4/2023 21:29	53501 EVIL_T2	6	8	2	0.75	0.65	-0.1	-0.59	-0.55	1	1	0	600	600	0
10/5/2023 0:28	21901 HUMB_T1	0	0	0	0	0	0	-2.3	-2.33	0	0	0	0	0	0
10/5/2023 0:28	53902 HALI_T2	0	0	0	0	0	0	-0.97	-0.97	0	0	0	0	0	0
10/5/2023 0:28	56802 BENV_T2	1	1	0	0.2	0.3	0.1	-1.38	-1.48	0	0	0	0	0	0
10/5/2023 0:28	43301 WATS_T2	1	1	0	0.3	0.4	0.1	0.3	0.31	0	0	0	0	0	0
10/5/2023 0:28	55101 WERT_T1	0	0	0	0	0	0	-2.94	-2.83	4	4	0	3000	3000	0
10/5/2023 0:28	52403 GRPA_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/5/2023 0:28	17802 GILB_T1	0	0	0	0	0	0	0.01	-0.03	0	0	0	0	0	0
10/5/2023 0:28	41901 REED_T1	0	0	0	0	0	0	-1.45	-1.45	1	1	0	900	900	0
10/5/2023 0:28	26603 BROO_T1	0	0	0	0	0	0	0.02	0	0	0	0	0	0	0
10/5/2023 0:28	43301 WATS_T2	1	1	0	0.3	0.4	0.1	0.3	0.31	0	0	0	0	0	0
10/5/2023 0:28	66504 SMAN_T2	0	0	0	0	0	0	-0.46	-0.41	0	0	0	0	0	0
10/5/2023 0:28	14403 SSLA_T1	0	0	0	0	0	0	0.64	0.59	0	0	0	0	0	0
10/5/2023 0:28	28805 LAKE_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/5/2023 0:28	60801 BUCK_T1	0	0	0	0	0	0	-0.24	-0.24	0	0	0	0	0	0
10/5/2023 0:28	27502 WEIS_T2	0	0	0	0	0	0	-0.14	-0.14	0	0	0	0	0	0
10/5/2023 0:28	41801 GOCI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/5/2023 0:28	59301 MCAL_T1	0	1	1	0	0.1	0.1	0	0	0	0	0	0	0	0
10/5/2023 0:28	59003 MIFF_T1	0	0	0	0	0	0	1.69	1.37	0	0	0	0	0	0
10/5/2023 0:28	41902 REED_T1	0	0	0	0	0	0	1.76	1.78	0	0	0	0	0	0
10/5/2023 0:28	64305 LINC_T1	2	2	0	0.35	0.25	-0.1	-0.59	-0.5	0	0	0	0	0	0
10/5/2023 0:28	29401 BELT_T1	14	40	26	0.11	0.16	0.05	0	0	2	2	0	1800	1800	0
10/5/2023 0:28	11104 EGYP_T1	0	0	0	0	0	0	0.44	0.39	0	0	0	0	0	0
10/5/2023 0:28	45602 WOOL_T1	0	0	0	0	0	0	0.72	0.68	0	0	0	0	0	0
10/5/2023 0:28	44502 HAMI_T2	1	1	0	3.7	3.7	0	-0.9	-0.94	0	0	0	0	0	0
10/5/2023 0:28	56801 BENV_T1	27	36	9	0.54	0.66	0.12	-0.88	-0.88	1	1	0	600	600	0
10/5/2023 0:28	67203 TEHI_T1	1	1	0	0	0	0	1.82	1.75	1	1	0	600	600	0
10/5/2023 0:28	67201 TEHI_T1	0	0	0	0	0	0	0.24	0.25	0	0	0	0	0	0
10/5/2023 0:28	28604 BLYT_T2	0	0	0	0	0	0	-2.84	-2.84	0	0	0	0	0	0
10/5/2023 0:28	17804 GILB_T2	0	0	0	0	0	0	-0.58	-0.58	0	0	0	0	0	0
10/5/2023 0:28	12701 MACU_T1	0	0	0	0	0	0	0.01	0	0	0	0	0	0	0
10/5/2023 0:28	45402 WBLO_T2	1	2	1	0.9	0.7	-0.2	-0.88	-0.86	0	0	0	0	0	0
10/5/2023 0:28	67502 WEWI_T2	0	0	0	0	0	0	-1.55	-1.59	1	1	0	900	900	0
10/5/2023 0:28	40101 HUNT_T2	0	0	0	0	0	0	-1.22	-1.26	0	0	0	0	0	0
10/5/2023 0:28	64101 REFR_T1	0	0	0	0	0	0	0.08	-0.02	0	0	0	0	0	0
10/5/2023 0:28	65402 MARI_T1	0	0	0	0	0	0	-0.01	-0.01	0	0	0	0	0	0
10/5/2023 0:28	20403 ASHF_T2	0	0	0	0	0	0	0.02	0	0	0	0	0	0	0
10/5/2023 0:28	63203 MGTN_T1	0	0	0	0	0	0	-0.15	-0.16	1	1	0	600	600	0
10/5/2023 0:28	46001 BERW_T1	0	0	0	0	0	0	0.62	0.55	0	0	0	0	0	0
10/5/2023 0:28	15001 BLMO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/5/2023 0:28	64702 LITI_T2	0	0	0	0	0	0	-0.61	-0.68	0	0	0	0	0	0
10/5/2023 0:28	45902 AUBU_T1	0	0	0	0	0	0	-2.17	-2.62	3	3	0	1800	1800	0
10/5/2023 0:28	13702 SCHN_T1	0	0	0	0	0	0	0.48	0.46	0	0	0	0	0	0
10/5/2023 0:28	60604 NCOL_T2	0	0	0	0	0	0	0.12	0.09	0	0	0	0	0	0
10/5/2023 0:28	43202 MVIL_T2	0	0	0	0	0	0	-0.73	-0.75	0	0	0	0	0	0
10/5/2023 0:36	59202 THOM_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/5/2023 0:44	64101 REFR_T1	0	0	0	0	0	0	-0.01	-0.01	0	0	0	0	0	0
10/5/2023 1:10	43301 WATS_T2	1	1	0	0.5	0.5	0	0	0	0	0	0	0	0	0
10/5/2023 5:09	15001 BLMO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/5/2023 5:10	15001 BLMO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/5/2023 6:21	53903 HALI_T2	0	1	1	0	0.1	0.1	-0.14	-0.09	0	0	0	0	0	0
10/5/2023 6:53	46203 DANV_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/5/2023 7:02	54701 NEBL_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/5/2023 7:55	45802 HEGI_T2	0	0	0	0	0	0	0.55	0.84	0	0	0	0	0	0
10/5/2023 8:01	54701 NEBL_T1	0	2	2	0	0.15	0.15	0	0	1	1	0	600	600	0
10/5/2023 8:07	43402 BENT_T1	0	0	0	0	0	0	-1.52	-0.87	2	1	-1	1500	900	-600
10/5/2023 8:10	43402 BENT_T1	0	0	0	0	0	0	-1.52	-0.87	2	1	-1	1500	900	-600
10/5/2023 8:15	65402 MARI_T1	59	73	14	0.19	0.4	0.21	-0.01	-0.01	0	0	0	0	0	0
10/5/2023 8:20	59101 WALK_T2	1	1	0	0	0	0	2.31	2.32	0	0	0	0	0	0
10/5/2023 8:24	56802 BENV_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/5/2023 8:26	56603 HAMP_T1	21	105	84	0.13	0.3	0.17	0	0	0	0	0	0	0	0
10/5/2023 8:27	54501 ENOL_T2	4	4	0	0.25	0.53	0.28	0	0	0	0	0	0	0	0
10/5/2023 8:30	47101 MARL_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/5/2023 8:31	45802 HEGI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/5/2023 8:38	53601 DALM_T2	1	1	0	0.4	0.6	0.2	-0.31	-0.34	1	1	0	900	900	0
10/5/2023 8:41	40101 HUNT_T2	0	0	0	0	0	0	-0.55	-0.53	0	0	0	0	0	0
10/5/2023 8:45	60604 NCOL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/5/2023 8:57	53501 EVIL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/5/2023 9:00	58402 MORO_T1	0	0	0	0	0	0	-0.94	-0.9	2	2	0	1500	1500	0
10/5/2023 9:03	58401 MORO_T1	0	1	1	0	0	0	0	0	0	0	0	0	0	0
10/5/2023 9:04	58402 MORO_T1	0	0	0	0	0	0	-0.94	-0.9	2	2	0	1500	1500	0
10/5/2023 9:07	41601 CLEV_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/5/2023 9:08	26603 BROO_T1	0	0	0	0	0	0	0.16	0.12	0	0	0	0	0	0
10/5/2023 9:13	54505 ENOL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/5/2023 9:14	41801 GOCI_T2	0	3	3	0	0.4	0.4	0	0	0	0	0	0	0	0
10/5/2023 9:15	41801 GOCI_T2	2	6	4	0.4	0.47	0.07	0	0	0	0	0	0	0	0
10/5/2023 9:16	26603 BROO_T1	0	0	0	0	0	0	0.12	0.12	0	0	0	0	0	0
10/5/2023 9:22	41601 CLEV_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/5/2023 9:22	56802 BENV_T2	2	3	1	0.5	0.47	-0.03	-0.7	-0.68	0	0	0	0	0	0
10/5/2023 9:23	56802 BENV_T2	2	3	1	0.5	0.47	-0.03	-0.7	-0.68	0	0	0	0	0	0
10/5/2023 9:24	49803 UNIV_T1	0	1	1	0	0.1	0.1	-1.08	-0.96	0	0	0	0	0	0
10/5/2023 9:24	56802 BENV_T2	2	3	1	0.5	0.47	-0.03	-0.7	-0.68	0	0	0	0	0	0
10/5/2023 9:26	46801 HEPB_T2	2	3	1	0.7	0.63	-0.07	0.66	0.66	0	0	0	0	0	0
10/5/2023 9:28	47101 MARL_T1	0	0	0	0	0	0	-0.07	-0.1	0	0	0	0	0	0
10/5/2023 9:29	47104 MARL_T1	0	1	1	0	0	0	0	0	0	0	0	0	0	0
10/5/2023 9:30	42001 MNVL_T2	9	118	109	0.31	0.22	-0.09	0.06	0.09	0	0	0	0	0	0
10/5/2023 9:30	45802 HEGI_T2	0	0	0	0	0	0	0.8	0.85	0	0	0	0	0	0
10/5/2023 9:31	65402 MARI_T1	2	84	82	0.2	0.48	0.28	-0.01	-0.01	0	0	0	0	0	0
10/5/2023 9:31	47101 MARL_T1	0	0	0	0	0	0	-0.1	-0.06	0	0	0	0	0	0
10/5/2023 9:34	65402 MARI_T1	2	84	82	0.2	0.48	0.28	-0.01	-0.01	0	0	0	0	0	0
10/5/2023 9:36	59101 WALK_T2	1	1	0	0	0	0	1.48	1.94	0	0	0	0	0	0
10/5/2023 9:36	43304 WATS_T2	1	0	-1	0.4	0	-0.4	0.29	-0.87	0	0	0	0	0	0
10/5/2023 9:36	60305 TWVA_T2	0	0	0	0	0	0	-1.76	-1.74	2	2	0	2400	2400	0
10/5/2023 9:38	41601 CLEV_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/5/2023 9:41	28805 LAKE_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/5/2023 9:41	10801 CHHI_T1	0	4	4	0	0.13	0.13	-0.72	-0.66	1	1	0	900	900	0
10/5/2023 9:44	65402 MARI_T1	2	84	82	0.2	0.48	0.28	-0.01	-0.01	0	0	0	0	0	0
10/5/2023 9:44	64503 LAVI_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/5/2023 9:45	40902 JESH_T1	1	1	0	0	0	0	-0.36	-0.37	2	2	0	1200	1200	0
10/5/2023 9:46	28805 LAKE_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/5/2023 9:46	43202 MVIL_T2	0	0	0	0	0	0	-0.58	-0.55	0	0	0	0	0	0
10/5/2023 9:46	60604 NCOL_T2	0	0	0	0	0	0	-0.65	-0.72	0	0	0	0	0	0
10/5/2023 9:48	43202 MVIL_T2	0	0	0	0	0	0	-0.58	-0.55	0	0	0	0	0	0
10/5/2023 9:48	65402 MARI_T1	66	84	18	0.23	0.48	0.25	-0.01	-0.01	0	0	0	0	0	0
10/5/2023 9:51	29401 BELT_T1	0	1	1	0	0.1	0.1	0	0	0	0	0	0	0	0
10/5/2023 9:51	46001 BERW_T1	0	0	0	0	0	0	1.17	1.18	0	0	0	0	0	0
10/5/2023 9:51	59102 WALK_T2	2	0	-2	0.4	0	-0.4	0	0	0	0	0	0	0	0
10/5/2023 9:51	41901 REED_T1	3	3	0	0.17	0.27	0.1	-1.17	-1.19	1	1	0	900	900	0
10/5/2023 9:52	20403 ASHF_T2	0	0	0	0	0	0	1.23	1.24	0	0	0	0	0	0
10/5/2023 9:52	45902 AUBU_T1	0	0	0	0	0	0	-0.49	-0.48	1	1	0	600	600	0
10/5/2023 9:52	29401 BELT_T1	0	1	1	0	0.1	0.1	0	0	0	0	0	0	0	0
10/5/2023 9:53	46001 BERW_T1	0	0	0	0	0	0	1.17	1.18	0	0	0	0	0	0
10/5/2023 9:53	45902 AUBU_T1	0	0	0	0	0	0	-0.49	-0.48	1	1	0	600	600	0
10/5/2023 9:53	20403 ASHF_T2	0	0	0	0	0	0	1.23	1.24	0	0	0	0	0	0
10/5/2023 9:54	62604 ENGL_T1	0	0	0	0	0	0	-0.64	-0.64	0	0	0	0	0	0
10/5/2023 9:54	53501 EVIL_T2	1	2	1	0.3	0.1	-0.2	0.29	0.26	1	1	0	600	600	0
10/5/2023 9:55	60801 BUCK_T1	0	0	0	0	0	0	0.27	0.24	0	0	0	0	0	0
10/5/2023 9:55	62606 ENGL_T1	1	6	5	0.1	0.14	0.04	0	0	0	0	0	0	0	0
10/5/2023 9:55	29401 BELT_T1	0	1	1	0	0.1	0.1	0	0	2	2	0	1800	1800	0
10/5/2023 9:55	28604 BLYT_T2	0	0	0	0	0	0	-1.44	-1.43	0	0	0	0	0	0
10/5/2023 9:57	62605 ENGL_T1	1	1	0	0.2	0.2	0	0	0	0	0	0	0	0	0
10/5/2023 9:58	62605 ENGL_T1	1	1	0	0.2	0.2	0

10/5/2023 10:08	26603 BROO_T1	0	2	2	0	0	0	0.17	0.17	0	0	0	0	0	0
10/5/2023 10:08	41601 CLEV_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/5/2023 10:09	53502 EVIL_T2	0	1	1	0	0.5	0.5	0	0	0	0	0	0	0	0
10/5/2023 10:09	45902 AUBU_T1	0	0	0	0	0	0	-0.48	-0.5	1	1	0	600	600	0
10/5/2023 10:09	20403 ASHF_T2	0	0	0	0	0	0	1.24	1.3	0	0	0	0	0	0
10/5/2023 10:10	53502 EVIL_T2	0	1	1	0	0.5	0.5	0	0	0	0	0	0	0	0
10/5/2023 10:11	26603 BROO_T1	0	2	2	0	0	0	0.17	0.17	0	0	0	0	0	0
10/5/2023 10:11	44802 EDAN_T2	0	0	0	0	0	0	-1.96	-1.9	1	1	0	1200	1200	0
10/5/2023 10:12	28403 HART_T2	0	0	0	0	0	0	-0.67	-0.65	1	1	0	900	900	0
10/5/2023 10:12	53601 DALM_T2	1	1	0	0.2	0.5	0.3	-0.21	-0.28	1	1	0	900	900	0
10/5/2023 10:12	10801 CHHI_T1	4	4	0	0.13	0.43	0.3	-0.82	-0.77	1	1	0	900	900	0
10/5/2023 10:12	23401 HONE_T2	0	0	0	0	0	0	-0.19	-0.15	0	0	0	0	0	0
10/5/2023 10:12	17804 GILB_T2	1	1	0	0.6	1.5	0.9	-0.56	-0.57	0	0	0	0	0	0
10/5/2023 10:12	44802 EDAN_T2	0	0	0	0	0	0	-3.92	-3.81	2	2	0	2400	2400	0
10/5/2023 10:12	41801 GOCI_T2	5	6	1	0.3	0.42	0.12	0	0	0	0	0	0	0	0
10/5/2023 10:12	28801 LAKE_T1	135	168	33	0.14	0.16	0.02	0	0	0	0	0	0	0	0
10/5/2023 10:13	54505 ENOL_T2	1	1	0	0.7	0.9	0.2	0	0	0	0	0	0	0	0
10/5/2023 10:13	28805 LAKE_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/5/2023 10:13	46803 HEPB_T2	2	1	-1	0.2	0.1	-0.1	0.47	0.45	0	0	0	0	0	0
10/5/2023 10:13	41801 GOCI_T2	5	6	1	0.3	0.42	0.12	0	0	0	0	0	0	0	0
10/5/2023 10:14	40101 HUNT_T2	0	0	0	0	0	0	-0.34	-0.06	0	0	0	0	0	0
10/5/2023 10:14	54502 ENOL_T2	1	1	0	0.1	0.4	0.3	0	0	0	0	0	0	0	0
10/5/2023 10:14	56603 HAMP_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/5/2023 10:14	52402 GRPA_T2	7	7	0	0.77	0.87	0.1	0	0	0	0	0	0	0	0
10/5/2023 10:14	46803 HEPB_T2	2	1	-1	0.2	0.1	-0.1	0	0	0	0	0	0	0	0
10/5/2023 10:14	64301 LINC_T1	0	0	0	0	0	0	0.25	0.26	1	1	0	600	600	0
10/5/2023 10:15	40101 HUNT_T2	0	0	0	0	0	0	-0.34	-0.06	0	0	0	0	0	0
10/5/2023 10:15	52402 GRPA_T2	6	7	1	0.83	0.87	0.04	0	0	0	0	0	0	0	0
10/5/2023 10:15	53502 EVIL_T2	1	1	0	0.5	0.1	-0.4	0	0	0	0	0	0	0	0
10/5/2023 10:16	42001 MNVL_T2	2	3	1	0.45	0.67	0.22	0	0	0	0	0	0	0	0
10/5/2023 10:16	65402 MARI_T1	67	70	3	0.43	0.32	-0.11	-0.01	-0.01	0	0	0	0	0	0
10/5/2023 10:16	48302 ORWI_T2	0	1	1	0	0.2	0.2	0.37	0.37	0	0	0	0	0	0
10/5/2023 10:17	54701 NEBL_T1	0	0	0	0	0	0	0	0	1	1	0	600	600	0
10/5/2023 10:17	60604 NCOL_T2	0	0	0	0	0	0	-0.64	-0.59	0	0	0	0	0	0
10/5/2023 10:17	42001 MNVL_T2	2	3	1	0.45	0.67	0.22	0.15	0.08	0	0	0	0	0	0
10/5/2023 10:18	43202 MVIL_T2	0	1	1	0	1.2	1.2	-0.48	-0.5	0	0	0	0	0	0
10/5/2023 10:18	56503 ROCK_T2	1	1	0	0.3	0.1	-0.2	0	0	0	0	0	0	0	0
10/5/2023 10:18	52501 PROG_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/5/2023 10:20	43202 MVIL_T2	0	1	1	0	1.2	1.2	-0.48	-0.5	0	0	0	0	0	0
10/5/2023 10:20	65402 MARI_T1	67	70	3	0.43	0.32	-0.11	-0.01	-0.01	0	0	0	0	0	0
10/5/2023 10:21	65402 MARI_T1	67	70	3	0.43	0.32	-0.11	-0.01	-0.01	0	0	0	0	0	0
10/5/2023 10:21	59101 WALK_T2	1	1	0	0	0	0	2.22	2.24	0	0	0	0	0	0
10/5/2023 10:22	67503 WEWI_T2	0	1	1	0	0.1	0.1	0	0	0	0	0	0	0	0
10/5/2023 10:22	29401 BELT_T1	0	0	0	0	0	0	0	0	1	1	0	900	900	0
10/5/2023 10:22	44301 BEAV_T2	1	1	0	1.8	1.4	-0.4	0.69	0.76	2	2	0	1500	1500	0
10/5/2023 10:22	15001 BLMO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/5/2023 10:22	56802 BENV_T2	1	1	0	0.5	0.8	0.3	-0.62	-0.57	0	0	0	0	0	0
10/5/2023 10:23	28602 BLYT_T2	0	1	1	0	0.3	0.3	0	0	0	0	0	0	0	0
10/5/2023 10:23	66501 SMAN_T2	1	2	1	0.2	0.25	0.05	0	0	0	0	0	0	0	0
10/5/2023 10:23	15001 BLMO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/5/2023 10:23	44301 BEAV_T2	1	1	0	1.8	1.4	-0.4	0.69	0.76	2	2	0	1500	1500	0
10/5/2023 10:23	29402 BELT_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/5/2023 10:23	60305 TWVA_T2	0	2	2	0	0	0	-1.76	-1.72	2	2	0	2400	2400	0
10/5/2023 10:24	43304 WATS_T2	0	0	0	0	0	0	-0.79	-0.7	0	0	0	0	0	0
10/5/2023 10:24	67502 WEWI_T2	1	2	1	0.1	0.3	0.2	-0.18	-0.16	0	0	0	0	0	0
10/5/2023 10:24	59101 WALK_T2	1	1	0	0	0	0	2.22	2.24	0	0	0	0	0	0
10/5/2023 10:24	15001 BLMO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/5/2023 10:24	56802 BENV_T2	1	1	0	0.5	0.8	0.3	-0.62	-0.57	0	0	0	0	0	0
10/5/2023 10:25	56802 BENV_T2	1	1	0	0.5	0.8	0.3	-0.62	-0.57	0	0	0	0	0	0
10/5/2023 10:26	44301 BEAV_T2	1	1	0	1.8	1.4	-0.4	0.69	0.76	2	2	0	1500	1500	0
10/5/2023 10:26	29401 BELT_T1	0	0	0	0	0	0	0	0	1	1	0	900	900	0
10/5/2023 10:26	56802 BENV_T2	1	1	0	0.5	0.8	0.3	-1.24	-1.14	0	0	0	0	0	0
10/5/2023 10:26	28604 BLYT_T2	0	1	1	0	0.1	0.1	-1.4	-1.41	0	0	0	0	0	0
10/5/2023 10:27	29401 BELT_T1	0	0	0	0	0	0	0	0	1	1	0	900	900	0
10/5/2023 10:27	56802 BENV_T2	1	1	0	0.5	0.8	0.3	-0.62	-0.57	0	0	0	0	0	0
10/5/2023 10:28	45802 HEGI_T2	0	0	0	0	0	0	1.54	0.94	0	0	0	0	0	0
10/5/2023 10:29	64802 MONE_T2	1	1	0	0.6	0.8	0.2	0.35	0.36	0	0	0	0	0	0
10/5/2023 10:30	53902 HALI_T2	1	1	0	0.2	0.3	0.1	0	0	0	0	0	0	0	0
10/5/2023 10:31	64305 LINC_T1	0	0	0	0	0	0	0.11	0.21	0	0	0	0	0	0
10/5/2023 10:31	26401 INOR_T1	0	0	0	0	0	0	0.73	0.78	0	0	0	0	0	0
10/5/2023 10:34	13704 SCHN_T2	0	1	1	0	0.2	0.2	-0.25	-0.24	0	0	0	0	0	0
10/5/2023 10:34	67204 TEHI_T2	0	0	0	0	0	0	-0.04	-0.04	0	0	0	0	0	0
10/5/2023 10:37	67503 WEWI_T2	1	0	-1	0.1	0	-0.1	-0.18	-0.25	0	0	0	0	0	0
10/5/2023 10:37	15001 BLMO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/5/2023 10:37	67204 TEHI_T2	0	0	0	0	0	0	-0.04	-0.04	0	0	0	0	0	0
10/5/2023 10:37	13704 SCHN_T2	0	1	1	0	0.2	0.2	-0.25	-0.24	0	0	0	0	0	0
10/5/2023 10:39	15001 BLMO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/5/2023 10:39	46206 DANV_T2	1	1	0	0.6	0.5	-0.1	0	0	0	0	0	0	0	0
10/5/2023 10:41	61803 EEU_T2	1	0	-1	0.9	0	-0.9	0	0	0	0	0	0	0	0
10/5/2023 10:41	17802 GILB_T1	1	2	1	0.2	0.35	0.15	0.11	0.09	0	0	0	0	0	0
10/5/2023 10:41	15001 BLMO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/5/2023 10:42	17805 GILB_T2	0	0	0	0	0	0	0.06	0.19	0	0	0	0	0	0
10/5/2023 10:42	64101 REFR_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/5/2023 10:42	64503 LAVI_T1	0	0	0	0	0	0	-0.83	-0.96	1	1	0	1200	1200	0
10/5/2023 10:43	67503 WEWI_T2	1	0	-1	0.1	0	-0.1	-0.18	-0.25	0	0	0	0	0	0
10/5/2023 10:43	52004 LING_T2	1	3	2	0.1	0.4	0.3	0.42	0.36	0	0	0	0	0	0
10/5/2023 10:43	64503 LAVI_T1	0	0	0	0	0	0	-0.83	-0.96	1	1	0	1200	1200	0
10/5/2023 10:43	17802 GILB_T1	1	2	1	0.2	0.35	0.15	0.22	0.18	0	0	0	0	0	0
10/5/2023 10:43	17805 GILB_T2	0	0	0	0	0	0	0.06	0.19	0	0	0	0	0	0
10/5/2023 10:45	64503 LAVI_T1	0	0	0	0	0	0	-0.96	-0.77	1	1	0	1200	1200	0
10/5/2023 10:47	52502 PROG_T2	0	1	1	0	0.1	0.1	-0.65	-0.66	1	1	0	900	900	0
10/5/2023 10:48	52502 PROG_T2	0	1	1	0	0.1	0.1	-0.65	-0.66	1	1	0	900	900	0
10/5/2023 10:49	58402 MORO_T1	0	0	0	0	0	0	-0.93	-0.94	2	2	0	1500	1500	0
10/5/2023 10:49	65902 SAKR_T2	0	0	0	0	0	0	0.09	0.01	1	1	0	300	300	0
10/5/2023 10:52	67201 TEHI_T1	0	0	0	0	0	0	0.45	0.53	2	2	0	1500	1500	0
10/5/2023 10:52	66703 STRA_T1	0	0	0	0	0	0	0.18	0.16	0	0	0	0	0	0
10/5/2023 10:54	51302 WIND_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/5/2023 10:54	42701 AUGU_T1	1	1	0	0.7	0.7	0	0	0	2	2	0	1800	1800	0
10/5/2023 10:54	43001 ALWD_T1	3	3	0	0.5	0.57	0.07	0	0	0	0	0	0	0	0
10/5/2023 10:55	67401 WAKE_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/5/2023 10:55	67503 WEWI_T2	0	0	0	0	0	0	-0.25	-0.12	0	0	0	0	0	0
10/5/2023 10:55	60803 BUCK_T1	0	0	0	0	0	0	-1.5	-1.58	2	2	0	1200	1200	0
10/5/2023 10:55	60101 COCA_T1	2	1	-1	0.2	0.8	0.6	0.47	0.49	0	0	0	0	0	0
10/5/2023 10:55	43001 ALWD_T1	3	3	0	0.5	0.57	0.07	0	0	0	0	0	0	0	0
10/5/2023 10:55	42701 AUGU_T1	1	1	0	0.7	0.7	0	0	0	2	2	0	1800	1800	0
10/5/2023 10:56	21901 HUMB_T1	0	1	1	0	0	0	-2.25	-2.25	0	0	0	0	0	0
10/5/2023 10:57	52401 GRPA_T2	0	0	0	0	0	0	-0.45	-0.46	0	0	0	0	0	0
10/5/2023 10:58	60101 COCA_T1	2	1	-1	0.2	0.8	0.6	0.47	0.49	0	0	0	0	0	0
10/5/2023 11:00	28403 HART_T2	0	0	0	0	0	0	-0.65	-0.64	1	1	0	900	900	0
10/5/2023 11:00	54501 ENOL_T2	0	0	0	0	0	0	-0.54	-0.54	1	1	0	600	600	0
10/5/2023 11:03	64101 REFR_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/5/2023 11:06	67503 WEWI_T2	0	0	0	0	0	0	-0.12	-0.16	0	0	0	0	0	0
10/5/2023 11:06	54001 SDLE_T1	7	6	-1	0.44	0.4	-0.04	0	0	1	0	-1	600	0	-600
10/5/2023 11:07	54001 SDLE_T1	7	6	-1	0.44	0.4	-0.04	0	0	1	0	-1	600	0	-600
10/5/2023 11:09	56802 BENV_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/5/2023 11:09	66703 STRA_T1	0	0	0	0	0	0	0.16	0.12	0	0	0	0	0	0
10/5/2023 11:10	56802 BENV_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/5/2023 11:10	41801 GOCI_T2	6	6	0	0.58	0.57	-0.01	0	0	0	0	0	0	0	0
10/5/2023 11:10	49803 UNIV_T1	1	1	0	0.8	0.9	0.1	-0.87	-0.82	0	0	0	0	0	0
10/5/2023 11:11	56802 BENV_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/5/2023 11:13	61001 DONV_T1	0	0	0	0	0	0	0.22	0.29	0	0	0	0	0	0
10/5/2023 11:13	40101 HUNT_T2	0	0	0	0	0	0	-0.32	-0.31	0	0	0	0	0	0
10/5/2023 11:15	17802 GILB_T1	3	2	-1	0.47	0.25	-0.22	0.13	0.16	0	0	0	0	0	0
10/5/2023 11:15	64801 MONE_T2	0	1	1	0	0.1	0.1	0.36	0.37	0	0	0	0	0	0
10/5/2023 11:15	13503 MCMI_T2	1	1	0	0.9	0.2	-0.7	-0.01	-0.01	0	0	0	0	0	0
10/5/2023 11:16	58402 MORO_T1	0	0	0	0	0	0	-0.87	-0.99	2	2	0	1500	1500	0
10/5/2023 11:17	42002 MNVL_T2	1	1	0	5.2	5	-0.2	-1.02	-0.97	0	0	0	0	0	0
10/5/2023 11:19	13701 SCHN_T2	1	1	0	0.2	0.2	0	0	0	0	0	0	0	0	0
10/5/2023 11:19	59402 RFLD_T2	0	-1	-1	0	0	0	-1.25	-1.1	1	1	0	450	450	0
10/5/2023 11:20	52502 PROG_T2	1	0	-1	0.1	0	-0.1	-0.64	-0.62	1	1	0	900	900	0
10/5/2023 11:20	67401 WAKE_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/5/2023 11:20	66505 SMAN_T2	0	1	1	0	0.2	0.2	0	0	0	0	0	0	0	0
10/5/2023 11:22	13701 SCHN_T2	1	1	0	0.2	0.2	0	0	0	0	0	0	0	0	0
10/5/2023 11:24	56802 BENV_T2	1	1	0	0.8	0.7	-0.1	-1.24	-1.26	0	0	0	0	0	0
10/5/2023 11:25	10805 CHHI_T2	1	2	1	7.7	3.85	-3.85	-1.37	-1.35	2	2	0	1800	1800	0
10/5/2023 11:29	54505 ENOL_T2	1	1	0	0.6	0.8	0.2	0	0	0	0	0	0	0	0
10/5/2023 11:31	58402 MORO_T1	0	0	0	0	0	0	-1.98	-1.8	4	4	0	3000	3000	0
10/5/2023 11:31	45702 LIND_T2	1	1	0	1.4	1.3	-0.1	-0.37	-0.43	0	0	0	0	0	0
10/5/2023 11:32	64101 REFR_T1	0	0	0	0	0	0	-0.12	-0.05	0	0	0	0	0	0
10/5/2023 11:33	58402 MORO_T1	0	0	0	0	0	0	-0.99	-0.9	2	2	0	1500	1500	0
10/5/2023 11:33	64101 REFR_T1	0	0	0	0	0	0	-0.06	-0.03	0	0	0	0	0	0
10/5/2023 11:34	64101 REFR_T1	0	0	0	0	0	0	-0.06	-0.03	0	0	0	0	0	0
10/5/2023 11:38	28602 BLYT_T2	1	1	0	0.3	0.2	-0.1	0	0	0	0	0	0	0	0
10/5/2023 11:38	54001 SDLE_T1	4	4	0	0.28	0.4	0.12	0	0	0	0	0	0	0	0
10/5/2023 11:38	64101 REFR_T1	0	0	0	0	0	0	-0.06	-0.03	0	0	0	0	0	0
10/5/2023 11:39	42201 SHEN_T2	0	0	0	0	0	0	0.08	0.09	1	1	0	600	600	0
10/5/2023 11:40	45902 AUBU_T1	0	0	0	0	0	0	-0.46	-0.55	1	1	0	600	600	0
10/5/2023 11:40	66703 STRA_T1	0	0	0	0	0	0	0.32	0.21	0	0	0	0	0	0
10/5/2023 11:41	54001 SDLE_T1	4	4	0	0.28	0.4	0.12	0	0	0	0	0	0	0	0
10/5/2023 11:41	28604 BLYT_T2	0	0	0	0	0	0	-1.38	-1.37	0	0	0	0	0	0
10/5/2023 11:42	14801 TREI_T2	73	51	-22	0.25	0.2	-0.05	0.39	0.4	0	0	0	0	0	0
10/5/2023 11:42	64101 REFR_T1	0	0	0	0	0	0	-0.06	-0.03	0	0	0	0	0	0
10/5/2023 11:43	64101 REFR_T1	0	0	0	0	0	0	-0.06	-0.03	0	0	0	0	0	0
10/5/2023 11:43	59102 WALK_T2	1	3	2	0.4	0.37	-0.03	0	0	0	0	0	0	0	0
10/5/2023 11:44	21901 HUMB_T1	0	0	0	0	0	0	-2.2	-2.15	0	0	0	0	0	0
10/5/2023 11:44	45902 AUBU_T1	0	0	0	0	0	0	-0.55	-0.63	1	1	0	600	600	0
10/5/2023 11:45	23401 HONE_T2	0	0	0	0	0	0	-0.06	-0.06	0	0	0	0	0	0
10/5/2023 11:45	45902 AUBU_T1	0	0	0	0	0	0	-0.55	-0.63	1	1	0	600	600	0
10/5/2023 11:48	54505 ENOL_T2	1	1	0	0.8	0.8	0	0	0	0	0	0	0	0	0
10/5/2023 11:48	13704 SCHN_T2	1	1	0	0.4	0.3	-0.1	-0.22	-0.11	0	0	0	0	0	0
10/5/2023 11:48	64101 REFR_T1	0	0	0	0	0	0	-0.03	-0.06	0	0	0	0	0	0
10/5/2023 11:49	54001 SDLE_T1	4	4	0	0.35	0.48	0.13	0	0	0	0	0	0	0	0
10/5/2023 11:49	13701 SCHN_T2	1	1	0	0.2	0	-0.2	0	0	0	0	0	0	0	0
10/5/2023 11:49	58001 WCAR_T1	4	3	-1	0.75	0.57	-0.18	0	0	0	0	0	0	0	0
10/5/2023 11:49	64101 REFR_T1	0	0	0	0	0	0	-0.08	-0.17	0	0	0	0	0	0
10/5/2023 11:50	67201 TEHI_T1	1	0	-1	0.2	0	-0.2	0	0	0	0	0	0	0	0
10/5/2023 11:50	13704 SCHN_T2	1	1	0	0.4	0.3	-0.1	-0.22	-0.11	0	0	0	0	0	0
10/5/2023 11:50	64101 REFR_T1	0	0	0	0	0	0	-0.03	-0.06	0	0	0	0	0	0
10/5/2023 11:51	67203 TEHI_T1	1	2	1	0	0.3	0.3	0	0	0	0	0	0	0	0
10/5/2023 11:51	67502 WEWI_T2	0	2	2	0	0.15	0.15	0.03	-0.08	0	0	0	0	0	0
10/5/2023 11:51	67503 WEWI_T2	0	0	0	0	0	0	-0.17	-0.17	0	0	0	0	0	0
10/5/2023 11:51	67204 TEHI_T2	0	0	0	0	0	0	0.01	-0.01	0	0	0	0	0	0
10/5/2023 11:52	64101 REFR_T1	0	0	0	0	0	0	-0.03	-0.06	0	0	0	0	0	0
10/5/2023 11:52	14801 TREI_T2	51	3	-48	0.2	0.47	0.27	0.4	0.44	0	0	0	0	0	0
10/5/2023 11:52	56802 BENV_T2	1	1	0	0.7	0.8	0.1	-1.3	-1.26	0	0	0	0	0	0
10/5/2023 11:52	54001 SDLE_T1	4	4	0	0.35	0.48	0.13	0	0	0	0	0	0	0	0
10/5/2023 11:53	46005 BERW_T1	1	1	0	0.2	0.2	0	0	0	0	0	0	0	0	0
10/5/2023 11:53	67503 WEWI_T2	0	0	0	0	0	0	-0.17	-0.17	0	0	0	0	0	0
10/5/2023 11:53	56802 BENV_T2	1	1	0	0.7

10/5/2023 12:45	23401 HONE_T2	0	0	0	0	0	0	-0.17	-0.05	0	0	0	0	0	0
10/5/2023 12:53	28602 BLYT_T2	1	1	0	0.4	0.2	-0.2	0	0	0	0	0	0	0	0
10/5/2023 12:56	28604 BLYT_T2	0	1	1	0	0	0	-1.36	-1.36	0	0	0	0	0	0
10/5/2023 13:01	63203 MGTN_T1	0	0	0	0	0	0	0	-0.51	-0.5	2	2	0	1200	1200	0
10/5/2023 13:02	42903 MIDD_T2	1	0	-1	0.1	0	-0.1	0	0	0	0	0	0	0	0	0
10/5/2023 13:07	56802 BENV_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/5/2023 13:08	56801 BENV_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/5/2023 13:10	61303 EARL_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/5/2023 13:10	56802 BENV_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/5/2023 13:11	56802 BENV_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/5/2023 13:12	13702 SCHN_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/5/2023 13:12	61303 EARL_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/5/2023 13:15	52004 LING_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/5/2023 13:16	26401 INOR_T1	33	19	-14	0.19	0.17	-0.02	0	0	0	0	0	0	0	0	0
10/5/2023 13:17	54206 PENN_T2	1	0	-1	0.1	0	-0.1	0.47	0.45	0	0	0	0	0	0	0
10/5/2023 13:19	59301 MCAL_T1	1	1	0	0.8	0.7	-0.1	0	0	0	0	0	0	0	0	0
10/5/2023 13:22	46004 BERW_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/5/2023 13:23	13704 SCHN_T2	1	1	0	0.1	0.4	0.3	0.08	0.2	0	0	0	0	0	0	0
10/5/2023 13:23	56802 BENV_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/5/2023 13:24	45902 AUBU_T1	0	0	0	0	0	0	-0.44	-0.49	1	1	0	600	600	0	
10/5/2023 13:24	28602 BLYT_T2	1	1	0	0.2	0.2	0	0	0	0	0	0	0	0	0	0
10/5/2023 13:25	56802 BENV_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/5/2023 13:26	56802 BENV_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/5/2023 13:27	61303 EARL_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/5/2023 13:27	58402 MORO_T1	0	0	0	0	0	0	-0.86	-0.81	2	2	0	1500	1500	0	
10/5/2023 13:32	26401 INOR_T1	19	18	-1	0.17	0.14	-0.03	0	0	0	0	0	0	0	0	0
10/5/2023 13:33	42001 MNVL_T2	1	0	-1	0.2	0	-0.2	0	0	0	0	0	0	0	0	0
10/5/2023 13:36	67503 WEWI_T2	0	0	0	0	0	0	0	-0.01	0	0	0	0	0	0	0
10/5/2023 13:37	56802 BENV_T2	1	3	2	0.8	0.33	-0.47	-0.6	-0.6	0	0	0	0	0	0	0
10/5/2023 13:37	46004 BERW_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/5/2023 13:38	67503 WEWI_T2	0	0	0	0	0	0	0	-0.01	0	0	0	0	0	0	0
10/5/2023 13:38	56802 BENV_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/5/2023 13:38	67502 WEWI_T2	0	0	0	0	0	0	0.12	0.12	0	0	0	0	0	0	0
10/5/2023 13:38	56801 BENV_T1	25	21	-4	0.37	0.3	-0.07	-0.74	-0.74	1	1	0	600	600	0	
10/5/2023 13:39	56801 BENV_T1	0	1	1	0	0.7	0.7	0	0	0	0	0	0	0	0	0
10/5/2023 13:39	56802 BENV_T2	1	3	2	0.8	0.33	-0.47	-0.6	-0.6	0	0	0	0	0	0	0
10/5/2023 13:39	67502 WEWI_T2	0	0	0	0	0	0	0.12	0.12	0	0	0	0	0	0	0
10/5/2023 13:39	67503 WEWI_T2	0	0	0	0	0	0	0	-0.02	0	0	0	0	0	0	0
10/5/2023 13:40	56802 BENV_T2	1	3	2	0.8	0.33	-0.47	-1.2	-1.2	0	0	0	0	0	0	0
10/5/2023 13:42	23401 HONE_T2	1	0	-1	0.1	0	-0.1	-0.12	-0.09	0	0	0	0	0	0	0
10/5/2023 13:43	53903 HAU_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/5/2023 13:46	59301 MCAL_T1	1	1	0	0.5	0.9	0.4	0	0	0	0	0	0	0	0	0
10/5/2023 13:47	26401 INOR_T1	6	17	11	0.17	0.15	-0.02	0	0	0	0	0	0	0	0	0
10/5/2023 13:47	23401 HONE_T2	0	0	0	0	0	0	-0.09	-0.07	0	0	0	0	0	0	0
10/5/2023 13:57	60801 BUCK_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/5/2023 13:57	56802 BENV_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/5/2023 13:58	56603 HAMP_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/5/2023 14:05	59101 WALK_T2	1	1	0	0	0	0	1.91	1.84	0	0	0	0	0	0	0
10/5/2023 14:05	64101 REFR_T1	0	0	0	0	0	0	0.04	0.02	0	0	0	0	0	0	0
10/5/2023 14:06	42701 AUGU_T1	1	1	0	0.5	0.6	0.1	0	0	2	2	0	1800	1800	0	
10/5/2023 14:06	59101 WALK_T2	1	1	0	0	0	0	1.91	1.84	0	0	0	0	0	0	0
10/5/2023 14:07	16702 MACK_T1	0	0	0	0	0	0	-0.98	-0.98	0	0	0	0	0	0	0
10/5/2023 14:07	45902 AUBU_T1	0	0	0	0	0	0	-1.32	-1.25	2	2	0	1200	1200	0	
10/5/2023 14:07	56802 BENV_T2	3	1	-2	0.3	0.5	0.2	-0.59	-0.57	0	0	0	0	0	0	0
10/5/2023 14:08	16702 MACK_T1	0	0	0	0	0	0	-0.98	-0.98	0	0	0	0	0	0	0
10/5/2023 14:08	43001 ALWD_T1	3	1	-2	0.23	0.1	-0.13	0	0	0	0	0	0	0	0	0
10/5/2023 14:09	61302 EARL_T1	1	0	-1	0.4	0	-0.4	0	0	0	0	0	0	0	0	0
10/5/2023 14:09	56802 BENV_T2	3	1	-2	0.3	0.5	0.2	-0.59	-0.57	0	0	0	0	0	0	0
10/5/2023 14:09	59101 WALK_T2	1	1	0	0	0	0	1.91	1.84	0	0	0	0	0	0	0
10/5/2023 14:09	42701 AUGU_T1	2	1	-1	0.5	0.6	0.1	0	0	2	2	0	1800	1800	0	
10/5/2023 14:10	43301 WATS_T2	2	0	-2	0.1	0	-0.1	0	0	0	0	0	0	0	0	0
10/5/2023 14:10	42701 AUGU_T1	1	1	0	0.5	0.6	0.1	0	0	2	2	0	1800	1800	0	
10/5/2023 14:10	56802 BENV_T2	3	1	-2	0.3	0.5	0.2	-0.59	-0.57	0	0	0	0	0	0	0
10/5/2023 14:11	42503 ALTA_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/5/2023 14:11	13702 SCHN_T1	1	1	0	0.8	0	-0.8	0.54	0.56	0	0	0	0	0	0	0
10/5/2023 14:11	56802 BENV_T2	3	1	-2	0.3	0.5	0.2	-0.59	-0.57	0	0	0	0	0	0	0
10/5/2023 14:11	45902 AUBU_T1	0	0	0	0	0	0	-0.66	-0.62	1	1	0	600	600	0	
10/5/2023 14:12	56802 BENV_T2	3	1	-2	0.3	0.5	0.2	-0.59	-0.57	0	0	0	0	0	0	0
10/5/2023 14:12	13705 SCHN_T1	1	0	-1	0.1	0	-0.1	0	0	0	0	0	0	0	0	0
10/5/2023 14:12	16702 MACK_T1	0	0	0	0	0	0	-0.98	-0.98	0	0	0	0	0	0	0
10/5/2023 14:12	42701 AUGU_T1	1	1	0	0.5	0.6	0.1	0	0	2	2	0	1800	1800	0	
10/5/2023 14:14	52403 GRPA_T2	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0
10/5/2023 14:14	26401 INOR_T1	17	3	-14	0.15	0.3	0.15	0.37	0.32	0	0	0	0	0	0	0
10/5/2023 14:14	61302 EARL_T1	1	0	-1	0.4	0	-0.4	0	0	0	0	0	0	0	0	0
10/5/2023 14:14	23401 HONE_T2	0	0	0	0	0	0	-0.01	-0.06	0	0	0	0	0	0	0
10/5/2023 14:15	52402 GRPA_T2	2	5	3	1.7	0.86	-0.84	0	0	0	0	0	0	0	0	0
10/5/2023 14:15	63203 MGTN_T1	0	0	0	0	0	0	-0.5	-0.45	2	2	0	1200	1200	0	
10/5/2023 14:15	42902 MIDD_T2	0	0	0	0	0	0	-0.11	0	0	0	0	0	0	0	0
10/5/2023 14:16	43202 MVIL_T2	0	1	1	0	0.2	0.2	-0.49	-0.52	0	0	0	0	0	0	0
10/5/2023 14:16	52403 GRPA_T2	0	4	4	0	0.33	0.33	0.21	0.2	0	0	0	0	0	0	0
10/5/2023 14:17	43202 MVIL_T2	0	1	1	0	0.2	0.2	-0.49	-0.52	0	0	0	0	0	0	0
10/5/2023 14:18	66703 STRA_T1	0	0	0	0	0	0	0.44	0.44	0	0	0	0	0	0	0
10/5/2023 14:18	46506 LOHA_T1	1	1	0	0.5	0.3	-0.2	-0.38	-0.36	0	0	0	0	0	0	0
10/5/2023 14:18	65902 SAKR_T2	0	0	0	0	0	0	-0.26	-0.22	2	2	0	1200	1200	0	
10/5/2023 14:19	58402 MORO_T1	0	0	0	0	0	0	-0.85	-0.8	2	2	0	1500	1500	0	
10/5/2023 14:21	44302 BEAV_T2	0	20	20	0	0.39	0.39	0	0	0	0	0	0	0	0	0
10/5/2023 14:21	45402 WBLO_T2	1	1	0	0.8	0.6	-0.2	0	0	0	0	0	0	0	0	0
10/5/2023 14:21	59101 WALK_T2	1	1	0	0	0	0	1.84	2	0	0	0	0	0	0	0
10/5/2023 14:21	16302 ALPA_T2	0	0	0	0	0	0	-0.58	-0.44	0	0	0	0	0	0	0
10/5/2023 14:22	44301 BEAV_T2	0	0	0	0	0	0	0.29	-0.35	2	2	0	1500	1500	0	
10/5/2023 14:22	45902 AUBU_T1	0	0	0	0	0	0	-0.62	-0.62	1	1	0	600	600	0	
10/5/2023 14:22	42701 AUGU_T1	1	1	0	0.6	0.4	-0.2	0	0	2	2	0	1800	1800	0	
10/5/2023 14:23	44302 BEAV_T2	0	20	20	0	0.39	0.39	0	0	0	0	0	0	0	0	0
10/5/2023 14:23	45902 AUBU_T1	0	0	0	0	0	0	-0.62	-0.62	1	1	0	600	600	0	
10/5/2023 14:24	16302 ALPA_T2	0	0	0	0	0	0	-0.29	-0.22	0	0	0	0	0	0	0
10/5/2023 14:24	59101 WALK_T2	1	1	0	0	0	0	1.84	2	0	0	0	0	0	0	0
10/5/2023 14:24	67503 WEWI_T2	0	0	0	0	0	0	0.01	0.02	0	0	0	0	0	0	0
10/5/2023 14:25	56801 BENV_T1	16	31	15	0.29	0.38	0.09	-0.76	-0.77	1	1	0	600	600	0	
10/5/2023 14:25	56802 BENV_T2	1	1	0	0.5	0.6	0.1	-0.57	-0.57	0	0	0	0	0	0	0
10/5/2023 14:26	56802 BENV_T2	1	1	0	0.5	0.6	0.1	-1.14	-1.14	0	0	0	0	0	0	0
10/5/2023 14:26	16302 ALPA_T2	0	0	0	0	0	0	-0.29	-0.22	0	0	0	0	0	0	0
10/5/2023 14:26	28403 HART_T2	0	0	1	1	0	0	-0.55	-0.56	1	1	0	900	900	0	
10/5/2023 14:26	42701 AUGU_T1	1	1	0	0.6	0.4	-0.2	0	0	2	2	0	1800	1800	0	
10/5/2023 14:27	56802 BENV_T2	1	1	0	0.5	0.6	0.1	-1.14	-1.14	0	0	0	0	0	0	0
10/5/2023 14:27	45902 AUBU_T1	0	0	0	0	0	0	-0.62	-0.62	1	1	0	600	600	0	
10/5/2023 14:27	28403 HART_T2	0	0	0	0	0	0	-0.55	-0.56	1	1	0	900	900	0	
10/5/2023 14:28	23401 HONE_T2	0	0	0	0	0	0	-0.01	-0.06	0	0	0	0	0	0	0
10/5/2023 14:29	54505 ENOL_T2	1	1	0	0.7	0.6	-0.1	0	0	0	0	0	0	0	0	0
10/5/2023 14:29	52402 GRPA_T2	2	5	3	1.7	0.86	-0.84	0	0	0	0	0	0	0	0	0
10/5/2023 14:31	42002 MNVL_T2	1	1	0	5.2	4.3	-0.9	0	0	0	0	0	0	0	0	0
10/5/2023 14:31	52403 GRPA_T2	1	3	2	0.2	0.33	0.13	0.41	-0.52	0	0	0	0	0	0	0
10/5/2023 14:32	43202 MVIL_T2	0	1	1	0	0.3	0.3	-0.52	-0.5	0	0	0	0	0	0	0
10/5/2023 14:33	43202 MVIL_T2	0	1	1	0	0.3	0.3	-0.52	-0.5	0	0	0	0	0	0	0
10/5/2023 14:34	46506 LOHA_T1	1	1	0	0.3	0.2	-0.1	-0.36	-0.3	0	0	0	0	0	0	0
10/5/2023 14:35	58402 MORO_T1	0	0	0	0	0	0	-0.8	-0.86	2	2	0	1500	1500	0	
10/5/2023 14:36	56801 BENV_T1	6	32	26	0.27	0.4	0.13	-1.54	-1.52	2	2	0	1200	1200	0	
10/5/2023 14:36	28604 BLYT_T2	0	0	0	0	0	0	-1.3	-1.31	0	0	0	0	0	0	0
10/5/2023 14:36	43304 WATS_T2	0	0	0	0	0	0	-0.21	-0.27	0	0	0	0	0	0	0
10/5/2023 14:36	59101 WALK_T2	1	1	0	0	0	0	2	2.07	0	0	0	0	0	0	0
10/5/2023 14:36	67502 WEWI_T2	0	0	0	0	0	0	0.22	-0.01	0	0	0	0	0	0	0
10/5/2023 14:37	42701 AUGU_T1	1	1	0	0.4	0.4	0	0	0	2	2	0	1800	1800	0	
10/5/2023 14:37	16302 ALPA_T2	0	0	0	0	0	0	-0.22	-0.28	0	0	0	0	0	0	0
10/5/2023 14:37	44302 BEAV_T2	12	17	5	0.31	0.41	0.1	0.35	0.32	0	0	0	0	0	0	0
10/5/2023 14:37	45902 AUBU_T1	0	0	0	0	0	0	-0.62	-0.62	1	1	0	600	600	0	
10/5/2023 14:37	56801 BENV_T1	6	32	26	0.27	0.4	0.13	-1.54	-1.52	2	2	0	1200	1200	0	
10/5/2023 14:38	16302 ALPA_T2	0	0	0	0	0	0	-0.22	-0.28	0	0	0	0	0	0	0
10/5/2023 14:38	10805 CHHI_T2	7	4	-3	1.73	4.9	3.17	-0.73	-0.77	2	2	0	1800	1800	0	
10/5/2023 14:38	67402 WAKE_T2	1	1	0	6.9	6.9	0	0	0	0	0	0	0	0	0	0
10/5/2023 14:38	43301 WATS_T2	0	0	0	0	0	0	0.5	0.51	0	0	0	0	0	0	0
10/5/2023 14:38	67203 TEHI_T1	3	3	0	1.1	0.6	-0.5	2.21	2.17	2	3	1	1500	2400	900	
10/5/2023 14:39	59101 WALK_T2	1	1	0	0	0	0	2	2.07	0	0	0	0	0	0	0
10/5/2023 14:39	45902 AUBU_T1	0	0	0	0	0	0	-0.62	-0.62	1	1	0	600	600	0	
10/5/2023 14:39	67503 WEWI_T2	0	0	0	0	0	0	0.02	0.05	0	0	0	0	0	0	0
10/5/2023 14:39	66703 STRA_T1	0	0	0	0	0	0	0.44	0.41	0	0	0	0	0	0	0
10/5/2023 14:40	16302 ALPA_T2	0	0	0	0	0	0	-0.22	-0.28	0	0	0	0	0	0	0
10/5/2023 14:41	56802 BENV_T2	1	1	0	0.4	0.6	0.2	-0.57	-0.64	0	0	0	0	0	0	0
10/5/2023 14:41	28604 BLYT_T2	0	0	0	0	0	0	-1.3	-1.31	0	0	0	0	0	0	0
10/5/2023 14:41	42701 AUGU_T1	1	1	0	0.4	0.4	0	0	0	2	2	0	1800	1800	0	
10/5/2023 14:42	21901 HUMB_T1	0	0	0	0	0	0	-2.14	-2.13	0	0	0	0	0	0	0
10/5/2023 14:42	56801 BENV_T1	6	32	26	0.27	0.4	0.13	-2.31	-2.28	3	3	0	1800	1800	0	
10/5/2023 14:42	56802 BENV_T2	1	1	0	0.4	0.6	0.2	-0.57	-0.64	0	0	0	0	0	0	0
10/5/2023 14:43	28403 HART_T2	0	0	0	0	0	0	-1.12	-1.14	2	2	0	1800	1800	0	
10/5/2023 14:45	23401 HONE_T2	0	0	0	0	0	0	-0.03	-0.14	0	0	0	0	0	0	0
10/5/2023 14:47	52004 LING_T2	1	2	1	0.5	0.35	-0.15	0.51	0.49	0	0	0	0	0	0	0
10/5/2023 14:47	42902 MIDD_T2	0	1	1	0	0.3	0.3	-0.06	-0.12	0	0	0	0	0	0	0
10/5/2023 14:47	43202 MVIL_T2	1	1	0	0.2	0.3	0.1	-0.5	-0.51	0	0	0	0	0	0	0
10/5/2023 14:48	43202 MVIL_T2	1	1	0	0.2	0.3	0.1	-0.5	-0.51	0	0	0	0	0	0	0
10/5/2023 14:52	56802 BENV_T2	1	1	0	0.6	0.5	-0.1	-0.64	-0.63	0	0	0	0	0	0	0
10/5/2023 14:53	67503 WEWI_T2	0	0	0	0	0	0	0.05	0.05	0	0	0	0	0	0	0
10/5/2023 14:53	46001 BERW_T1	0	0	0	0	0	0	2.59	2.51	0	0	0	0	0	0	0
10/5/2023 14:53	56802 BENV_T2	1	1	0	0.6	0.5	-0.1	-1.28	-1.26	0	0	0	0	0	0	0
10/5/2023 14:54	56802 BENV_T2	1	1	0	0.6	0.5	-0.1	-1.28	-1.26	0	0	0	0	0	0	0
10/5/2023 14:55	60603 NCOL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/5/2023 14:57	56802 BENV_T2	1	1	0	0.6	0.5	-0.1	-1.28	-1.26	0	0	0	0	0	0	0
10/5/2023 14:57	52403 GRPA_T2	3	1	-2	0.33	0.2	-0.13	-0.26	-0.12	0	0	0	0	0	0	0
10/5/2023 14:58	52402 GRPA_T2	5	8	3	0.86	0.74	-0.12	0	0	0	0	0	0	0	0	0
10/5/2023 15:03	42001 MNVL_T2	0	0	0	0	0	0	0.29	0.31	0	0	0	0	0	0	0
10/5/2023 15:07	42701 AUGU_T1	1	0	-1	0.4	0	-0.4	0	0	2	2	0	1800	1800	0	
10/5/2023 15:08	64101 REFR_T1	0	0	0	0	0	0	0.05	0.04	0	0	0	0	0	0	0
10/5/2023 15:08	59101 WALK_T2	1	1	0	0	0	0	2.05	1.96	0	0	0	0	0	0	0
10/5/2023 15:08	45402 WBLO_T2	1	1	0	0.7	0.8	0.1	-0.43	-0.46	0	0	0	0	0	0	0
10/5/2023 15:09	13702 SCHN_T1	1	1	0	1.2	0	-1.2	0.56	0.56	0	0	0	0	0	0	0
10/5/2023 15:09	28604 BLYT_T2	0	0	0	0	0	0	-1.31	-1.28	0	0	0	0	0	0	0
10/5/2023 15:10	45902 AUBU_T1	0	0	0	0	0	0	-0.59	-0.59	1	1	0	600	600	0	
10/5/2023 15:14	42701 AUGU_T1	1	0	-1	0.4	0	-0.4	0	0	2	2	0	1800	1800	0	
10/5/2023 15:15	16302 ALPA_T2	0	0	0	0	0	0	-0.15	-0.14	0	0	0	0	0	0	0
10/5/2023 15:16	67502 WEWI_T2	0	0	0	0	0	0	0.01	-0.05	0	0	0	0	0	0	0
10/5/2023 15:18	64101 REFR_T1	0	0	0	0	0	0	0.04	0.06	0	0	0	0	0	0	0
10/5/2023 15:18	65604 QVIL_T2	0	0	0	0	0	0	0.53	0.54	0	0	0	0	0	0	0
10/5/2023 15:18	59402 RFLD_T2	0	0	0	0	0	0	-1.37	-1.04	1	1	0	450	450	0	
10/5/2023 15:21	59402 RFLD_T2	0	0	0	0	0	0	-1.37	-1.04	1	1	0	450	450	0	
10/5/2023 15:22	65604 QVIL_T2	0	0	0	0	0	0	0.53	0.54	0	0	0	0	0	0	0
10/5/2023 15:22	59402 RFLD_T2	0	0	0

Appendix C - Grid Benefits Achieved in Each Instance of Active Management

10/5/2023 19:45	45402 WBLO_T2	0	8	8	0	0.29	0.29	0	0	0	0	0	0	0	0
10/5/2023 19:45	13702 SCHN_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/5/2023 19:45	54701 NEBL_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/5/2023 19:46	53903 HALI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/5/2023 19:47	61303 EARL_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/5/2023 19:47	60801 BUCK_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/5/2023 20:09	59402 RFLD_T2	0	27	27	0	0.21	0.21	-1.19	-1.2	1	1	0	450	450	0
10/5/2023 20:24	59302 MCAL_T1	1	1	0	0.2	0.5	0.3	0	0	0	0	0	0	0	0
10/5/2023 20:25	29402 BELT_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/5/2023 20:26	67503 WEWI_T2	0	0	0	0	0	0	0.07	0.04	0	0	0	0	0	0
10/5/2023 20:28	61001 DONV_T1	0	0	0	0	0	0	0.72	0.64	0	0	0	0	0	0
10/5/2023 20:28	59101 WALK_T2	1	1	0	0	0	0	0.04	0	0	0	0	0	0	0
10/5/2023 20:29	42201 SHEN_T2	0	0	0	0	0	0	0.04	0.07	1	1	0	600	600	0
10/5/2023 20:30	66504 SMAN_T2	0	0	0	0	0	0	-1.15	-1.25	1	1	0	1200	1200	0
10/5/2023 20:31	65402 MARI_T1	0	0	1	0	0	0	-0.03	-0.07	0	0	0	0	0	0
10/5/2023 20:31	41801 GOCI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/5/2023 20:33	59101 WALK_T2	1	1	0	0	0	0	0	0.21	0	0	0	0	0	0
10/5/2023 20:34	21901 HUMB_T1	0	0	0	0	0	0	-2.12	-2.14	0	0	0	0	0	0
10/5/2023 20:34	52502 PROG_T2	0	0	0	0	0	0	-0.46	-0.47	1	1	0	900	900	0
10/5/2023 20:34	64503 LAVI_T1	0	0	0	0	0	0	-0.05	0	1	1	0	1200	1200	0
10/5/2023 20:34	60801 BUCK_T1	0	3	3	0	0.1	0.1	-0.76	-0.77	1	1	0	600	600	0
10/5/2023 20:34	45902 AUBU_T1	0	0	0	0	0	0	-0.77	0	1	1	0	600	600	0
10/5/2023 20:34	59202 THOM_T1	33	45	12	0.19	0.21	0.02	0	0	0	0	0	0	0	0
10/5/2023 20:35	14801 TREI_T2	1	5	4	0.2	0.16	-0.04	0.5	0.48	0	0	0	0	0	0
10/5/2023 20:35	43301 WATS_T2	0	0	0	0	0	0	0.46	0.49	0	0	0	0	0	0
10/5/2023 20:35	29402 BELT_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/5/2023 20:35	60604 NCOL_T2	0	0	0	0	0	0	0.43	0.43	0	0	0	0	0	0
10/5/2023 20:35	66505 SMAN_T2	0	0	0	0	0	0	0.19	0.46	2	2	0	1500	1500	0
10/5/2023 20:35	10805 CHHI_T2	1	1	0	8.5	8.1	-0.4	-0.77	-0.81	1	1	0	600	600	0
10/5/2023 20:35	56802 BENV_T2	1	1	0	0.1	0.4	0.3	-0.62	-0.63	0	0	0	0	0	0
10/5/2023 20:35	53501 EVIL_T2	2	2	0	0.5	0.6	0.1	-0.7	-0.64	1	1	0	600	600	0
10/5/2023 20:36	45902 AUBU_T1	0	0	0	0	0	0	-1.54	0	2	2	0	1200	1200	0
10/5/2023 20:36	60101 COCA_T1	0	0	0	0	0	0	0.39	0.35	0	0	0	0	0	0
10/5/2023 20:36	46001 BERW_T1	0	0	0	0	0	0	0.98	0.94	0	0	0	0	0	0
10/5/2023 20:36	67502 WEWI_T2	0	0	0	0	0	0	-1.19	-1.21	1	1	0	900	900	0
10/5/2023 20:37	52402 GRPA_T2	4	4	0	0.93	1.35	0.42	0	0	0	0	0	0	0	0
10/5/2023 20:37	48302 ORWI_T2	0	2	2	0	0.5	0.5	-0.5	-0.54	0	0	0	0	0	0
10/5/2023 20:37	17802 GILB_T1	0	0	0	0	0	0	0.08	0.07	0	0	0	0	0	0
10/5/2023 20:37	65402 MARI_T1	0	1	1	0	0	0	-0.03	-0.07	0	0	0	0	0	0
10/5/2023 20:37	55101 WERT_T1	0	0	0	0	0	0	-1.23	-1.32	2	2	0	1800	1800	0
10/5/2023 20:37	54501 ENOL_T2	0	1	1	0	0.1	0.1	-0.4	-0.44	1	1	0	600	600	0
10/5/2023 20:37	59402 RFLD_T2	27	48	21	0.21	0.27	0.06	-1.21	-1.24	1	1	0	450	450	0
10/5/2023 20:38	67502 WEWI_T2	0	0	0	0	0	0	-1.19	-1.21	1	1	0	900	900	0
10/5/2023 20:38	41801 GOCI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/5/2023 20:38	61303 EARL_T1	0	0	0	0	0	0	0.28	0.23	0	0	0	0	0	0
10/5/2023 20:38	67503 WEWI_T2	0	0	0	0	0	0	0.04	0.02	0	0	0	0	0	0
10/5/2023 20:38	67204 TEHI_T2	0	0	0	0	0	0	0.21	0.17	0	0	0	0	0	0
10/5/2023 20:38	63203 MGTN_T1	0	0	0	0	0	0	-0.77	-0.78	2	2	0	1200	1200	0
10/5/2023 20:38	15001 BLMO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/5/2023 20:38	29401 BELT_T1	0	0	0	0	0	0	0	0	1	1	0	900	900	0
10/5/2023 20:39	44301 BEAV_T2	2	2	0	0.65	0.5	-0.15	0	0	0	0	0	0	0	0
10/5/2023 20:39	16302 ALPA_T2	0	0	0	0	0	0	-1.02	-0.95	0	0	0	0	0	0
10/5/2023 20:39	67503 WEWI_T2	0	0	0	0	0	0	0.04	0.02	0	0	0	0	0	0
10/5/2023 20:39	67502 WEWI_T2	0	0	0	0	0	0	-1.19	-1.21	1	1	0	900	900	0
10/5/2023 20:39	42903 MIDD_T2	2	2	0	2.15	2.45	0.3	0	0	0	0	0	0	0	0
10/5/2023 20:39	28403 HART_T2	0	0	0	0	0	0	-0.52	-0.55	1	1	0	900	900	0
10/5/2023 20:39	52502 PROG_T2	0	0	1	0	0	0	-0.46	-0.47	1	1	0	900	900	0
10/5/2023 20:39	20403 ASHF_T2	0	0	0	0	0	0	0.36	0.38	0	0	0	0	0	0
10/5/2023 20:39	64801 MONE_T2	0	0	0	0	0	0	0.44	0.41	0	0	0	0	0	0
10/5/2023 20:39	56802 BENV_T2	1	1	0	0.1	0.4	0.3	-0.62	-0.63	0	0	0	0	0	0
10/5/2023 20:39	56801 BENV_T1	8	11	3	1.23	0.84	-0.39	-0.72	-0.74	1	1	0	600	600	0
10/5/2023 20:40	23401 HONE_T2	0	0	0	0	0	0	-0.12	-0.09	0	0	0	0	0	0
10/5/2023 20:40	29402 BELT_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/5/2023 20:40	42701 AUGU_T1	0	0	0	0	0	0	0	0	2	2	0	1800	1800	0
10/5/2023 20:40	44802 EDAN_T2	0	0	0	0	0	0	-1.99	-0.69	1	0	-1	1200	0	-1200
10/5/2023 20:40	59301 MCAL_T1	5	23	18	0.32	0.15	-0.17	0	0	0	0	0	0	0	0
10/5/2023 20:40	41601 CLEV_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/5/2023 20:40	64305 LINC_T1	0	0	0	0	0	0	-0.08	-0.19	0	0	0	0	0	0
10/5/2023 20:41	28801 LAKE_T1	183	195	12	0.18	0.21	0.03	0	0	0	0	0	0	0	0
10/5/2023 20:41	53601 DALM_T2	1	1	0	0.3	0.4	0.1	-0.03	-0.04	0	0	0	0	0	0
10/5/2023 20:41	67203 TEHI_T1	2	1	-1	0.1	0	-0.1	2.53	2.47	1	1	0	600	600	0
10/5/2023 20:41	60101 COCA_T1	0	0	0	0	0	0	0.39	0.35	0	0	0	0	0	0
10/5/2023 20:42	41901 REED_T1	11	11	0	0.62	0.78	0.16	-1.28	-1.29	1	1	0	900	900	0
10/5/2023 20:42	16302 ALPA_T2	0	0	0	0	0	0	-0.51	-0.48	0	0	0	0	0	0
10/5/2023 20:42	56802 BENV_T2	1	1	0	0.1	0.4	0.3	-0.62	-0.63	0	0	0	0	0	0
10/5/2023 20:42	29401 BELT_T1	0	0	0	0	0	0	0	0	1	1	0	900	900	0
10/5/2023 20:42	42002 MNVL_T2	1	1	0	2.2	2.2	0	-0.83	-0.76	0	0	0	0	0	0
10/5/2023 20:43	10805 CHHI_T2	1	1	0	8.5	8.1	-0.4	-0.77	-0.81	1	1	0	600	600	0
10/5/2023 20:43	26603 BROO_T1	0	1	1	0	0	0	0.14	0.14	0	0	0	0	0	0
10/5/2023 20:43	17804 GILB_T2	0	2	2	0	0.1	0.1	-0.51	-0.51	0	0	0	0	0	0
10/5/2023 20:43	54506 ENOL_T2	0	1	1	0	0.1	0.1	0	0	0	0	0	0	0	0
10/5/2023 20:43	42701 AUGU_T1	0	0	0	0	0	0	0	0	2	2	0	1800	1800	0
10/5/2023 20:43	56802 BENV_T2	1	1	0	0.1	0.4	0.3	-0.62	-0.63	0	0	0	0	0	0
10/5/2023 20:44	45402 WBLO_T2	15	27	12	0.17	0.21	0.04	-0.61	-0.64	0	0	0	0	0	0
10/5/2023 20:44	42901 MIDD_T2	88	140	52	0.19	0.28	0.09	0	0	0	0	0	0	0	0
10/5/2023 20:44	15001 BLMO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/5/2023 20:44	13702 SCHN_T1	0	0	0	0	0	0	0.52	0.5	0	0	0	0	0	0
10/5/2023 20:44	17802 GILB_T1	0	0	0	0	0	0	0.14	0.14	0	0	0	0	0	0
10/5/2023 20:44	41801 GOCI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/5/2023 20:45	64503 LAVI_T1	0	0	0	0	0	0	0	-0.04	1	1	0	1200	1200	0
10/5/2023 20:45	29401 BELT_T1	0	0	0	0	0	0	0	0	1	1	0	900	900	0
10/5/2023 20:45	46001 BERW_T1	0	0	0	0	0	0	0.94	0.9	0	0	0	0	0	0
10/5/2023 20:45	20403 ASHF_T2	0	0	0	0	0	0	0.38	0.33	0	0	0	0	0	0
10/5/2023 20:45	28604 BLYT_T2	0	0	0	0	0	0	-1.3	-1.31	0	0	0	0	0	0
10/5/2023 20:45	44802 EDAN_T2	0	0	0	0	0	0	-0.69	-0.67	0	0	0	0	0	0
10/5/2023 20:45	42701 AUGU_T1	0	0	0	0	0	0	0	0	2	2	0	1800	1800	0
10/5/2023 20:45	11104 EGYP_T1	0	0	0	0	0	0	0.65	0.66	0	0	0	0	0	0
10/5/2023 20:45	40101 HUNT_T2	0	0	0	0	0	0	-0.45	-0.46	0	0	0	0	0	0
10/5/2023 20:45	13702 SCHN_T1	0	0	0	0	0	0	0.26	0.25	0	0	0	0	0	0
10/5/2023 20:46	28604 BLYT_T2	0	0	0	0	0	0	-1.3	-1.31	0	0	0	0	0	0
10/5/2023 20:46	65902 SAKR_T2	0	0	0	0	0	0	-0.12	-0.02	1	0	-1	300	0	-300
10/5/2023 20:46	26603 BROO_T1	0	1	1	0	0.3	0.3	0.14	0.09	0	0	0	0	0	0
10/5/2023 20:46	45802 HEGI_T2	0	0	0	0	0	0	0.72	0.82	1	0	-1	300	0	-300
10/5/2023 20:47	52402 GRPA_T2	4	4	0	0.88	1.43	0.55	0	0	0	0	0	0	0	0
10/5/2023 20:47	43202 MVIL_T2	0	1	1	0	0	0	-0.69	-0.67	0	0	0	0	0	0
10/5/2023 20:47	49803 UNIV_T1	0	0	0	0	0	0	-0.9	-0.94	0	0	0	0	0	0
10/5/2023 20:47	43001 ALWD_T1	11	14	3	0.15	0.29	0.14	0	0	0	0	0	0	0	0
10/5/2023 20:47	67203 TEHI_T1	1	1	0	0	0	0	0	0	0	0	0	0	0	0
10/5/2023 20:47	16302 ALPA_T2	0	0	0	0	0	0	-0.48	-0.52	0	0	0	0	0	0
10/5/2023 20:47	23401 HONE_T2	0	1	1	0	0	0	-0.09	-0.13	0	0	0	0	0	0
10/5/2023 20:48	40101 HUNT_T2	0	0	0	0	0	0	-0.45	-0.46	0	0	0	0	0	0
10/5/2023 20:49	64101 REFR_T1	0	1	1	0	0	0	0.03	0	0	0	0	0	0	0
10/5/2023 20:49	56801 BENV_T1	8	12	4	0.99	0.91	-0.08	-0.74	-0.72	1	1	0	600	600	0
10/5/2023 20:54	56501 ROCK_T2	0	1	1	0	0.1	0.1	-0.06	-0.09	0	0	0	0	0	0
10/5/2023 22:10	65402 MARI_T1	0	0	0	0	0	0	-0.12	-0.09	0	0	0	0	0	0
10/5/2023 22:59	53901 HALI_T2	0	1	1	0	0.1	0.1	0	0	0	0	0	0	0	0
10/6/2023 0:28	42002 MNVL_T2	1	1	0	3.7	3.4	-0.3	0	0	0	0	0	0	0	0
10/6/2023 0:28	43001 ALWD_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/6/2023 0:28	44802 EDAN_T2	0	0	0	0	0	0	-2.6	-2.6	1	1	0	1200	1200	0
10/6/2023 0:28	52401 GRPA_T2	0	1	1	0	0.1	0.1	0	0	0	0	0	0	0	0
10/6/2023 0:28	64503 LAVI_T1	0	0	0	0	0	0	-0.06	-0.1	1	1	0	1200	1200	0
10/6/2023 0:28	56603 HAMP_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/6/2023 0:28	64301 LINC_T1	0	0	0	0	0	0	-0.34	-0.34	1	1	0	600	600	0
10/6/2023 0:28	43301 WATS_T2	0	1	1	0	0.2	0.2	0	0	0	0	0	0	0	0
10/6/2023 0:28	26402 INOR_T1	42	67	25	0.16	0.19	0.03	0	0	0	0	0	0	0	0
10/6/2023 0:28	64802 MONE_T2	0	0	0	0	0	0	0.17	0.18	0	0	0	0	0	0
10/6/2023 0:28	28403 HART_T2	0	0	0	0	0	0	-0.68	-0.7	1	1	0	900	900	0
10/6/2023 0:28	61306 EARL_T1	0	2	2	0	0.1	0.1	0	0	0	0	0	0	0	0
10/6/2023 0:28	59402 RFLD_T2	1	9	8	0.1	0.16	0.06	-2.54	-2.61	2	2	0	900	900	0
10/6/2023 0:28	61801 EEU_T2	2	2	0	0.65	0.35	-0.3	-0.82	-0.82	1	1	0	600	600	0
10/6/2023 0:28	52502 PROG_T2	0	0	0	0	0	0	0.28	0.28	0	0	0	0	0	0
10/6/2023 0:28	49803 UNIV_T1	0	0	0	0	0	0	-1.21	0.1	0	0	0	0	0	0
10/6/2023 0:28	66703 STRA_T1	0	0	0	0	0	0	-0.32	-0.31	0	0	0	0	0	0
10/6/2023 0:28	46801 HEPB_T2	2	2	0	0.1	0.35	0.25	0.61	0.54	0	0	0	0	0	0
10/6/2023 0:28	46506 LOHA_T1	0	0	0	0	0	0	-0.47	-0.49	0	0	0	0	0	0
10/6/2023 0:28	67503 WEWI_T2	0	0	0	0	0	0	-0.35	-0.36	0	0	0	0	0	0
10/6/2023 0:28	56801 BENV_T1	28	34	6	0.7	0.89	0.19	-5.16	-5.34	6	6	0	3600	3600	0
10/6/2023 0:28	67401 WAKE_T2	0	0	0	0	0	0	-0.96	-0.96	0	0	0	0	0	0
10/6/2023 0:28	42701 AUGU_T1	0	0	0	0	0	0	0	0	2	2	0	1800	1800	0
10/6/2023 0:28	53501 EVIL_T2	17	20	3	0.66	0.76	0.1	-0.67	-0.64	0	0	0	0	0	0
10/6/2023 0:28	45702 LIND_T2	1	1	0	0.9	1	0.1	-0.45	-0.47	0	0	0	0	0	0
10/6/2023 0:28	40101 HUNT_T2	0	0	0	0	0	0	-0.51	-0.57	0	0	0	0	0	0
10/6/2023 0:28	13503 MCMI_T2	0	0	0	0	0	0	-0.01	-0.01	0	0	0	0	0	0
10/6/2023 0:28	54701 NEBL_T1	0	0	0	0	0	0	0	0	1	1	0	600	600	0
10/6/2023 0:28	44302 BEAV_T2	188	274	86	0.43	0.5	0.07	0	0	0	0	0	0	0	0
10/6/2023 0:28	46001 BERW_T1	0	0	0	0	0	0	1.37	1.14	0	0	0	0	0	0
10/6/2023 0:28	60803 BUCK_T1	0	0	0	0	0	0	-1.61	-1.64	1	1	0	600	600	0
10/6/2023 0:28	65402 MARI_T1	0	0	0	0	0	0	-0.45	-0.49	0	0	0	0	0	0
10/6/2023 0:28	17805 GILB_T2	0	0	0	0	0	0	0.22	0.12	0	0	0	0	0	0
10/6/2023 0:28	48302 ORWI_T2	2	0	-2	0.35	0	-0.35	-0.14	-0.16	0	0	0	0	0	0
10/6/2023 0:28	56802 BENV_T2	0	1	1	0	0.2	0.2	-4.05	-4.05	0	0	0	0	0	0
10/6/2023 0:28	46801 HEPB_T2	2	2	0	0.1	0.35	0.25	0.61	0.54	0	0	0	0	0	0
10/6/2023 0:28	58402 MORO_T1	0	0	0	0	0	0	-3.61	-3.63	6	6	0	4500	4500	0
10/6/2023 0:28	53903 HALI_T2	2	2	0	0.45	0.7	0.25	-0.07	-0.09	0	0	0	0	0	0
10/6/2023 0:28	15001 BLMO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/6/2023 0:28	46201 DANV_T2	0	0	0	0	0	0	-0.2	-0.23	0	0	0	0	0	0
10/6/2023 0:28	14801 TREI_T2	0	0	0	0	0	0	0.28	0.26	0	0	0	0	0	0
10/6/2023 0:28	52004 LING_T2	0	0	0	0	0	0	0.08	0.09	0	0	0	0	0	0
10/6/2023 0:28	60305 TWVA_T2	0	0	0	0	0	0	-1.95	-1.95	2	2	0	2400	2400	0
10/6/2023 0:28	45901 AUBU_T1	0	0	0	0	0	0	4.27	4.01	0	0	0	0	0	0
10/6/2023 0:28	59101 WALK_T2	1	1	0	0	0	0	2.55	2.8	4	4	0	2400	2400	0
10/6/2023 0:28	28805 LAKE_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/6/2023 0:28	17802 GILB_T1	0	0	0	0	0	0	0.02	0.01	0	0	0	0	0	0
10/6/2023 0:28	66505 SMAN_T2	0	0	0	0	0	0	0.33	0.26	1	1	0	900	900	0
10/6/2023 0:28	43202 MVIL_T2	0	0	0	0	0	0	-0.73	-0.75	0	0	0	0	0	0
10/6/2023 0:28	10801 CHHI_T1	0	0	0	0	0	0	-0.77	-0.78	1	1	0	900	900	0
10/6/2023 0:28	65604 QVIL_T2	0	0	0	0	0	0	0.54	0.54	0	0	0	0	0	0
10/6/2023 0:28	67204 TEHI_T2	0	0	0	0	0	0	-0.3	-0.29	0	0	0	0	0	0
10/6/2023 0:28	55101 WERT_T1	0	0	0	0	0	0	-1.47	-1.43	2	2	0	1500	1500	0
10/6/2023 0:32	15001 BLMO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/6/2023 7:19	54701 NEBL_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/6/2023 8:11	46801 HEPB_T2	3	3	0	0.63	0.8	0.17	0.7	0.66	0	0	0	0	0	0
10/6/2023 8:18	54701 NEBL_T1	0	0	0	0	0	0	0	0	1	1	0	600	600	0
10/6/2023 8:25	56603 HAMP_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/6/2023 8:27	64702 LITI_T2	0	0	0	0	0	0	-0.55	-0.5	0	0	0	0	0	0
10/6/2023 8:27	45802 HEGI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/6/2023 8:29	64702 LITI_T2	0	0	0	0	0	0	-0.5	-0.45	0	0	0	0	0	0
10/6/2023 8:29	54505 ENOL_T2	1	1	0	0.8	0.8	0	0	0	0	0	0	0	0	0
10/6/2023 8:30	64702 LITI_T2	0	0	0	0	0	0	-0.5	-0.45	0	0	0	0	0	0
10/6/2023 8:31	40101 HUNT_T2	0	0	0	0	0	0	-0.5	-0.34	0	0	0	0	0	0
10/6/2023 8:35	66902 SHIL_T2	0	0	0	0

Appendix C - Grid Benefits Achieved in Each Instance of Active Management

10/6/2023 10:00	67604 WARW_T1	0	0	0	0	0	0	0.71	0.74	0	0	0	0	0	0
10/6/2023 10:00	54701 NEBL_T1	0	2	2	0	0.15	0.15	0	0	1	1	0	600	600	0
10/6/2023 10:00	46004 BERW_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/6/2023 10:06	26603 BROO_T1	0	0	0	0	0	0	0.15	0.16	0	0	0	0	0	0
10/6/2023 10:06	43304 WATS_T2	0	0	0	0	0	0	-0.46	-0.44	0	0	0	0	0	0
10/6/2023 10:06	65902 SAKR_T2	0	1	1	0	0	0	0.09	0.03	1	1	0	300	300	0
10/6/2023 10:07	49804 UNIV_T1	0	1	1	0	0.4	0.4	0	0	0	0	0	0	0	0
10/6/2023 10:07	20403 ASHF_T2	0	0	0	0	0	0	0.23	0.19	0	0	0	0	0	0
10/6/2023 10:08	44802 EDAN_T2	0	0	0	0	0	0	-3.9	-3.87	2	2	0	2400	2400	0
10/6/2023 10:08	20403 ASHF_T2	0	0	0	0	0	0	0.23	0.19	0	0	0	0	0	0
10/6/2023 10:08	46203 DANV_T2	0	0	0	0	0	0	0.06	0.14	0	0	0	0	0	0
10/6/2023 10:09	53601 DALM_T2	1	1	0	0.2	0.5	0.3	-0.05	-0.02	0	0	0	0	0	0
10/6/2023 10:09	44802 EDAN_T2	0	0	0	0	0	0	-1.95	-1.93	1	1	0	1200	1200	0
10/6/2023 10:10	10801 CHHI_T1	0	0	0	0	0	0	-0.58	-0.59	1	1	0	900	900	0
10/6/2023 10:10	45402 WBLO_T2	1	1	0	1.5	1.2	-0.3	0	0	0	0	0	0	0	0
10/6/2023 10:10	45902 AUBU_T1	0	0	0	0	0	0	-0.43	-0.46	1	1	0	600	600	0
10/6/2023 10:11	61303 EARL_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/6/2023 10:12	52402 GRPA_T2	1	4	3	3.4	0.85	-2.55	0	0	0	0	0	0	0	0
10/6/2023 10:12	40101 HUNT_T2	1	1	0	0.2	0.2	0	-0.02	-0.06	0	0	0	0	0	0
10/6/2023 10:12	46801 HEPB_T2	2	2	0	0.55	0.8	0.25	0.79	0.8	0	0	0	0	0	0
10/6/2023 10:13	46203 DANV_T2	0	0	0	0	0	0	0.06	0.14	0	0	0	0	0	0
10/6/2023 10:13	28403 HART_T2	0	0	0	0	0	0	-0.78	-0.77	1	1	0	900	900	0
10/6/2023 10:14	45802 HEGI_T2	0	0	0	0	0	0	0.71	0.8	0	0	0	0	0	0
10/6/2023 10:15	43202 MVIL_T2	0	0	0	0	0	0	-0.6	-0.59	0	0	0	0	0	0
10/6/2023 10:15	46803 HEPB_T2	0	1	1	0	0.1	0.1	0.46	0.49	0	0	0	0	0	0
10/6/2023 10:16	48302 ORWI_T2	0	0	0	0	0	0	-0.5	-0.5	0	0	0	0	0	0
10/6/2023 10:18	43202 MVIL_T2	0	0	0	0	0	0	-0.6	-0.59	0	0	0	0	0	0
10/6/2023 10:19	66505 SMAN_T2	0	0	0	0	0	0	0.58	0.52	2	2	0	1500	1500	0
10/6/2023 10:19	54701 NEBL_T1	0	2	2	0	0.15	0.15	0	0	1	1	0	600	600	0
10/6/2023 10:21	43301 WATS_T2	1	1	0	0.2	0.3	0.1	0	0	0	0	0	0	0	0
10/6/2023 10:22	28601 BLYT_T2	0	1	1	0	0.3	0.3	0	0	0	0	0	0	0	0
10/6/2023 10:22	15001 BLMO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/6/2023 10:22	67502 WEWI_T2	0	0	0	0	0	0	-0.2	-0.21	0	0	0	0	0	0
10/6/2023 10:23	67502 WEWI_T2	0	0	0	0	0	0	-0.2	-0.21	0	0	0	0	0	0
10/6/2023 10:23	15001 BLMO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/6/2023 10:24	15001 BLMO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/6/2023 10:25	67502 WEWI_T2	0	0	0	0	0	0	-0.2	-0.21	0	0	0	0	0	0
10/6/2023 10:25	15001 BLMO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/6/2023 10:26	17804 GILB_T2	0	0	0	0	0	0	-0.54	-0.54	0	0	0	0	0	0
10/6/2023 10:27	17802 GILB_T1	0	0	0	0	0	0	0.11	0.11	0	0	0	0	0	0
10/6/2023 10:29	64305 LINC_T1	0	0	0	0	0	0	-0.13	-0.11	0	0	0	0	0	0
10/6/2023 10:29	45702 LIND_T2	1	1	0	0.7	1.2	0.5	-0.29	-0.26	0	0	0	0	0	0
10/6/2023 10:30	23401 HONE_T2	1	1	0	0.4	0.2	-0.2	-0.31	-0.41	0	0	0	0	0	0
10/6/2023 10:32	64301 LINC_T1	0	0	0	0	0	0	0.3	0.24	1	1	0	600	600	0
10/6/2023 10:33	54001 SDLE_T1	2	6	4	1.1	0.53	-0.57	0	0	1	1	0	600	600	0
10/6/2023 10:34	42002 MNVL_T2	1	1	0	4.7	4.7	0	0	0	0	0	0	0	0	0
10/6/2023 10:35	54001 SDLE_T1	2	6	4	1.1	0.53	-0.57	0	0	1	1	0	600	600	0
10/6/2023 10:35	66504 SMAN_T2	0	0	0	0	0	0	-1.25	-1.33	1	1	0	1200	1200	0
10/6/2023 10:37	26603 BROO_T1	0	0	0	0	0	0	0.16	0.14	0	0	0	0	0	0
10/6/2023 10:37	43001 ALWD_T1	0	6	6	0	0.13	0.13	0	0	0	0	0	0	0	0
10/6/2023 10:38	56802 BENV_T2	1	1	0	0.8	0.9	0.1	-0.54	-0.57	0	0	0	0	0	0
10/6/2023 10:40	15001 BLMO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/6/2023 10:40	60801 BUCK_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/6/2023 10:41	60801 BUCK_T1	0	0	0	0	0	0	-0.06	-0.07	0	0	0	0	0	0
10/6/2023 10:42	17805 GILB_T2	0	0	0	0	0	0	0.32	0.43	0	0	0	0	0	0
10/6/2023 10:42	26401 INOR_T1	0	0	0	0	0	0	0.72	0.71	0	0	0	0	0	0
10/6/2023 10:42	41801 GOCI_T2	0	1	1	0	0.1	0.1	0	0	0	0	0	0	0	0
10/6/2023 10:42	44502 HAMI_T2	1	1	0	1.9	1.9	0	-0.64	-0.58	0	0	0	0	0	0
10/6/2023 10:43	61001 DONV_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/6/2023 10:44	41801 GOCI_T2	0	1	1	0	0.1	0.1	0	0	0	0	0	0	0	0
10/6/2023 10:46	59301 MCAL_T1	3	3	0	0.53	0.43	-0.1	0	0	0	0	0	0	0	0
10/6/2023 10:48	13704 SCHN_T2	0	1	1	0	0.1	0.1	-0.02	-0.1	0	0	0	0	0	0
10/6/2023 10:49	13704 SCHN_T2	0	1	1	0	0.1	0.1	-0.02	-0.1	0	0	0	0	0	0
10/6/2023 10:49	56802 BENV_T2	1	1	0	0.9	0.9	0	-0.57	-0.53	0	0	0	0	0	0
10/6/2023 10:51	56802 BENV_T2	1	1	0	0.9	0.9	0	-0.57	-0.53	0	0	0	0	0	0
10/6/2023 10:52	56803 BENV_T1	1	1	0	1.3	0	-1.3	0	0	0	0	0	0	0	0
10/6/2023 10:52	66703 STRA_T1	0	0	0	0	0	0	0.13	0.08	0	0	0	0	0	0
10/6/2023 10:52	67503 WEWI_T2	0	0	0	0	0	0	-0.17	-0.17	0	0	0	0	0	0
10/6/2023 10:53	16302 ALPA_T2	0	0	0	0	0	0	-0.3	-0.36	0	0	0	0	0	0
10/6/2023 10:54	16302 ALPA_T2	0	0	0	0	0	0	-0.3	-0.36	0	0	0	0	0	0
10/6/2023 10:55	56801 BENV_T1	26	37	11	0.55	0.69	0.14	-0.76	-0.72	1	1	0	600	600	0
10/6/2023 10:55	16302 ALPA_T2	0	0	0	0	0	0	-0.3	-0.36	0	0	0	0	0	0
10/6/2023 10:57	28403 HART_T2	0	0	0	0	0	0	-0.77	-0.75	1	1	0	900	900	0
10/6/2023 10:57	21901 HUMB_T1	0	0	0	0	0	0	-2.18	-2.22	0	0	0	0	0	0
10/6/2023 10:59	58402 MORO_T1	0	0	0	0	0	0	-1.74	-1.78	3	3	0	2400	2400	0
10/6/2023 11:01	59001 MIFF_T1	1	1	0	0.4	0.5	0.1	0	0	0	0	0	0	0	0
10/6/2023 11:03	66505 SMAN_T2	0	0	0	0	0	0	0.19	0.12	2	3	1	1500	2100	600
10/6/2023 11:03	44601 SALE_T2	1	1	0	0.2	0.1	-0.1	0.24	0.3	0	0	0	0	0	0
10/6/2023 11:03	44901 SCOT_T2	0	0	0	0	0	0	0.62	0.73	0	0	0	0	0	0
10/6/2023 11:04	58402 MORO_T1	0	0	0	0	0	0	-1.74	-1.78	3	3	0	2400	2400	0
10/6/2023 11:05	58402 MORO_T1	0	0	0	0	0	0	-1.74	-1.78	3	3	0	2400	2400	0
10/6/2023 11:05	44901 SCOT_T2	0	0	0	0	0	0	0.62	0.73	0	0	0	0	0	0
10/6/2023 11:05	64101 REFR_T1	0	0	0	0	0	0	-0.05	-0.03	0	0	0	0	0	0
10/6/2023 11:05	67204 TEHI_T2	0	0	0	0	0	0	0.02	-0.01	0	0	0	0	0	0
10/6/2023 11:06	45402 WBLO_T2	1	1	0	1.3	1.6	0.3	-0.61	-0.58	0	0	0	0	0	0
10/6/2023 11:06	44601 SALE_T2	1	1	0	0.2	0.1	-0.1	0.24	0.3	0	0	0	0	0	0
10/6/2023 11:07	42201 SHEN_T2	0	0	0	0	0	0	-0.16	-0.23	1	1	0	600	600	0
10/6/2023 11:07	67204 TEHI_T2	0	0	0	0	0	0	0.02	-0.01	0	0	0	0	0	0
10/6/2023 11:08	67203 TEHI_T1	6	5	-1	0.52	0.2	-0.32	2.6	2.06	2	2	0	1500	1500	0
10/6/2023 11:09	61303 EARL_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/6/2023 11:09	59101 WALK_T2	1	1	0	0	0	0	2.61	2.67	0	0	0	0	0	0
10/6/2023 11:10	56802 BENV_T2	1	1	0	0.9	0.8	-0.1	-0.53	-0.57	0	0	0	0	0	0
10/6/2023 11:10	61001 DONV_T1	0	0	0	0	0	0	0.29	0.33	0	0	0	0	0	0
10/6/2023 11:11	28601 BLYT_T2	0	1	1	0.7	0	-0.7	0	0	0	0	0	0	0	0
10/6/2023 11:11	67503 WEWI_T2	0	0	0	0	0	0	-0.17	-0.16	0	0	0	0	0	0
10/6/2023 11:12	61801 EELI_T2	2	2	0	0.5	0.45	-0.05	-0.43	-0.42	1	1	0	600	600	0
10/6/2023 11:12	10805 CHHI_T2	1	1	0	8.9	9.2	0.3	-0.77	-0.71	2	2	0	1800	1800	0
10/6/2023 11:12	52402 GRPA_T2	4	4	0	1.1	1.2	0.1	0	0	0	0	0	0	0	0
10/6/2023 11:14	64303 LINC_T1	0	0	0	0	0	0	-0.22	-0.22	0	0	0	0	0	0
10/6/2023 11:15	67204 TEHI_T2	0	0	0	0	0	0	-0.01	0.04	0	0	0	0	0	0
10/6/2023 11:15	58402 MORO_T1	0	0	0	0	0	0	-1.78	-1.75	3	3	0	2400	2400	0
10/6/2023 11:16	58402 MORO_T1	0	0	0	0	0	0	-1.78	-1.75	3	3	0	2400	2400	0
10/6/2023 11:16	60501 NMAN_T2	3	3	0	4.6	4.77	0.17	0	0	0	0	0	0	0	0
10/6/2023 11:18	67204 TEHI_T2	0	0	0	0	0	0	-0.01	0.04	0	0	0	0	0	0
10/6/2023 11:20	59101 WALK_T2	1	1	0	0	0	0	1.34	1.53	0	0	0	0	0	0
10/6/2023 11:21	59101 WALK_T2	1	1	0	0	0	0	1.34	1.53	0	0	0	0	0	0
10/6/2023 11:21	29401 BELT_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/6/2023 11:21	42201 SHEN_T2	0	0	0	0	0	0	-0.46	-0.46	2	2	0	1200	1200	0
10/6/2023 11:22	59101 WALK_T2	1	1	0	0	0	0	1.34	1.53	0	0	0	0	0	0
10/6/2023 11:22	42201 SHEN_T2	0	0	0	0	0	0	-0.23	-0.23	1	1	0	600	600	0
10/6/2023 11:23	29402 BELT_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/6/2023 11:23	43304 WATS_T2	0	0	0	0	0	0	-0.35	-0.32	0	0	0	0	0	0
10/6/2023 11:23	46001 BERW_T1	0	0	0	0	0	0	1.07	1.15	0	0	0	0	0	0
10/6/2023 11:24	60803 BUCK_T1	0	0	0	0	0	0	-1.39	-1.4	1	1	0	600	600	0
10/6/2023 11:24	59101 WALK_T2	1	1	0	0	0	0	1.34	1.53	0	0	0	0	0	0
10/6/2023 11:25	60803 BUCK_T1	0	0	0	0	0	0	-1.39	-1.4	1	1	0	600	600	0
10/6/2023 11:25	52402 GRPA_T2	3	4	1	1.23	1.2	-0.03	0	0	0	0	0	0	0	0
10/6/2023 11:25	29401 BELT_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/6/2023 11:25	59101 WALK_T2	1	1	0	0	0	0	1.34	1.53	0	0	0	0	0	0
10/6/2023 11:25	56802 BENV_T2	1	2	1	0.8	0.4	-0.4	-1.14	-1	0	0	0	0	0	0
10/6/2023 11:26	46001 BERW_T1	0	0	0	0	0	0	1.07	1.15	0	0	0	0	0	0
10/6/2023 11:27	52402 GRPA_T2	3	4	1	1.23	1.2	-0.03	0	0	0	0	0	0	0	0
10/6/2023 11:29	40101 HUNT_T2	0	0	0	0	0	0	-0.17	-0.13	0	0	0	0	0	0
10/6/2023 11:31	52403 GRPA_T2	0	3	3	0	0	0	0.16	0.14	0	0	0	0	0	0
10/6/2023 11:32	44904 SCOT_T1	0	0	0	0	0	0	0.97	1	0	0	0	0	0	0
10/6/2023 11:33	54001 SDLE_T1	3	3	0	0.53	0.37	-0.16	0	0	0	0	0	0	0	0
10/6/2023 11:34	48302 ORWI_T2	0	0	0	0	0	0	-0.49	-0.49	0	0	0	0	0	0
10/6/2023 11:35	44901 SCOT_T2	0	0	0	0	0	0	0.68	0.67	0	0	0	0	0	0
10/6/2023 11:35	59101 WALK_T2	1	2	1	0	0	0	1.53	1.6	0	0	0	0	0	0
10/6/2023 11:35	13704 SCHN_T2	0	0	0	0	0	0	-0.1	-0.11	0	0	0	0	0	0
10/6/2023 11:36	59101 WALK_T2	1	2	1	0	0	0	3.06	3.2	0	0	0	0	0	0
10/6/2023 11:36	54001 SDLE_T1	3	3	0	0.53	0.37	-0.16	0	0	0	0	0	0	0	0
10/6/2023 11:37	59101 WALK_T2	1	2	1	0	0	0	3.06	3.2	0	0	0	0	0	0
10/6/2023 11:37	13704 SCHN_T2	0	0	0	0	0	0	-0.1	-0.11	0	0	0	0	0	0
10/6/2023 11:37	44901 SCOT_T2	0	0	0	0	0	0	0.68	0.67	0	0	0	0	0	0
10/6/2023 11:37	60801 BUCK_T1	0	0	0	0	0	0	-0.05	-0.07	0	0	0	0	0	0
10/6/2023 11:38	14802 TREI_T2	17	16	-1	0.27	0.29	0.02	0	0	0	0	0	0	0	0
10/6/2023 11:39	60801 BUCK_T1	0	0	0	0	0	0	-0.05	-0.07	0	0	0	0	0	0
10/6/2023 11:39	60801 BUCK_T1	0	0	0	0	0	0	-0.05	-0.07	0	0	0	0	0	0
10/6/2023 11:39	59101 WALK_T2	1	2	1	0	0	0	1.53	1.6	0	0	0	0	0	0
10/6/2023 11:39	43001 ALWD_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/6/2023 11:40	60801 BUCK_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/6/2023 11:40	43001 ALWD_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/6/2023 11:41	60803 BUCK_T1	0	0	0	0	0	0	-1.4	-1.34	1	1	0	600	600	0
10/6/2023 11:42	61001 DONV_T1	0	0	0	0	0	0	0.4	0.27	0	0	0	0	0	0
10/6/2023 11:45	64303 LINC_T1	0	0	0	0	0	0	-0.23	-0.21	0	0	0	0	0	0
10/6/2023 11:47	64305 LINC_T1	0	0	0	0	0	0	-0.06	-0.08	0	0	0	0	0	0
10/6/2023 11:47	64305 LINC_T1	0	0	0	0	0	0	-0.06	-0.08	0	0	0	0	0	0
10/6/2023 11:48	59302 MCAL_T1	1	1	0	0	0	0	0	0	0	0	0	0	0	0
10/6/2023 11:49	59302 MCAL_T1	1	1	0	0	0	0	-0.36	-0.41	1	1	0	600	600	0
10/6/2023 11:49	54001 SDLE_T1	3	4	1	0.37	0.35	-0.02	0	0	0	0	0	0	0	0
10/6/2023 11:51	66703 STRA_T1	0	0	0	0	0	0	0.2	0.25	0	0	0	0	0	0
10/6/2023 11:51	59101 WALK_T2	1	1	0	0	0	0	4.8	5.25	0	0	0	0	0	0
10/6/2023 11:52	59101 WALK_T2	1	1	0	0	0	0	1.6	1.75	0	0	0	0	0	0
10/6/2023 11:52	54001 SDLE_T1	3	4	1	0.37	0.35	-0.02	0	0	0	0	0	0	0	0
10/6/2023 11:52	52403 GRPA_T2	3	0	-3	0.63	0	-0.63	0.14	0.18	0	0	0	0	0	0
10/6/2023 11:53	59101 WALK_T2	1	1	0	0	0	0	1.6	1.75	0	0	0	0	0	0
10/6/2023 11:54	59101 WALK_T2	1	1	0	0	0	0	1.6	1.75	0	0	0	0	0	0
10/6/2023 11:55	43001 ALWD_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/6/2023 11:58	52402 GRPA_T2	4	1	-3	1.13	4.2	3.07	0	0	0	0	0	0	0	0
10/6/2023 11:58	61001 DONV_T1	0	0	0	0	0	0	0.27	0.34	0	0	0	0	0	0
10/6/2023 12:03	44905 SCOT_T1	0	1	1	0	0	0	0	0	0	0	0	0	0	0
10/6/2023 12:03	44901 SCOT_T2	0	0	0	0	0	0	0.54	0.66	0	0	0	0	0	0
10/6/2023 12:05	54001 SDLE_T1	3	4	1	0.3	0.35	0.05	0	0	0	0	0	0	0	0
10/6/2023 12:06	43001 ALWD_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/6/2023 12:06	59101 WALK_T2	1	1	0	0	0	0	3.5	3.03	0	0	0	0	0	0
10/6/2023 12:07	44901 SCOT_T2	0	0	0	0	0	0	0.54	0.66	0	0	0	0	0	0
10/6/2023 12:07	54001 SDLE_T1	3	4	1	0.3	0.35	0.05	0	0	0	0	0	0	0	0
10/6/2023 12:07	59101 WALK_T2	1	1	0	0	0	0	1.75	1.52	0	0	0	0	0	0
10/6/2023 12:07	13704 SCHN_T2	0	0	0	0	0	0	-0.1	-0.1	0	0	0	0	0	0
10/6/2023 12:08	59101 WALK_T2	1	1	0	0	0	0	3.5	3.03	0	0	0	0	0	0
10/6/2023 12:08	13704 SCHN_T2	0	0	0	0	0	0	-0.1	-0.1	0	0	0	0	0	0
10/6/2023 12:09	59101 WALK_T2	1	1	0	0	0	0	1.75	1.52	0	0	0	0	0	0
10/6/2023 12:11	43001 ALWD_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/6/2023 12:19	59402 RFLD_T2	0	0	0	0	0	0	-0.99	-1.02	1	1	0	450	450	0
10/6/2023 12:24	60305 TWVA_T2	0	0	0	0	0	0	-1.47	-1.36	2	2	0	2400	2400	0
10/6/2023 12:28	40101 HUNT_T2	0	0	0	0	0	0	-0.17	-0.09	0	0	0	0	0	0
10/6/2023 12:28	21901 HUMB_T1	0	0	0	0	0	0	-2.23	-2.24	0	0	0	0	0	0
10/6/2023 12:29	64305 LINC_T1	0	0	0	0	0	0	-0.17	-0.02	0	0	0	0	0	0
10/6/2023 12:29	40101 HUNT_T2	0	0	0	0	0	0	-0.09	-0.13	0	0	0	0	0	0
10/6/2023 12:30	40101 HUNT_T2	0	0	0	0	0	0

Appendix C - Grid Benefits Achieved in Each Instance of Active Management

10/6/2023 14:17	67203 TEHI_T1	2	2	0	0.5	0	-0.5	1.7	1.87	2	2	0	1500	1500	0
10/6/2023 14:17	64301 LINC_T1	0	0	0	0	0	0	0.1	0.13	1	1	0	600	600	0
10/6/2023 14:18	12701 MACU_T1	0	0	0	0	0	0	0.21	0.17	0	0	0	0	0	0
10/6/2023 14:18	52402 GRPA_T2	3	3	0	1.17	1.07	-0.1	0	0	0	0	0	0	0	0
10/6/2023 14:19	64802 MONE_T2	1	1	0	0.1	0.4	0.3	0.16	0.18	0	0	0	0	0	0
10/6/2023 14:19	67204 TEHI_T2	0	0	0	0	0	0	0.01	0.02	0	0	0	0	0	0
10/6/2023 14:21	66504 SMAN_T2	0	0	0	0	0	0	-1.11	-1.16	1	1	0	1200	1200	0
10/6/2023 14:21	66505 SMAN_T2	0	0	0	0	0	0	0.66	0.69	2	2	0	1500	1500	0
10/6/2023 14:21	45902 AUBU_T1	0	0	0	0	0	0	-0.67	-0.62	1	1	0	600	600	0
10/6/2023 14:22	45903 AUBU_T1	0	0	0	0	0	0	-0.67	-0.62	1	1	0	600	600	0
10/6/2023 14:22	59101 WALK_T2	2	2	0	0.6	0	-0.6	1.7	1.56	0	0	0	0	0	0
10/6/2023 14:22	56802 BENV_T2	1	0	-1	0.4	0	-0.4	-0.54	-0.55	0	0	0	0	0	0
10/6/2023 14:22	43301 WATS_T2	1	1	0	0.4	0.3	-0.1	0	0	0	0	0	0	0	0
10/6/2023 14:23	43301 WATS_T2	1	1	0	0.4	0.3	-0.1	0	0	0	0	0	0	0	0
10/6/2023 14:23	16302 ALPA_T2	0	0	0	0	0	0	-0.23	-0.23	0	0	0	0	0	0
10/6/2023 14:24	16302 ALPA_T2	0	0	0	0	0	0	-0.45	-0.46	0	0	0	0	0	0
10/6/2023 14:24	59101 WALK_T2	2	2	0	0.6	0	-0.6	1.7	1.56	0	0	0	0	0	0
10/6/2023 14:25	53903 HALI_T2	2	2	0	0.6	0.5	-0.1	0.02	0.02	0	0	0	0	0	0
10/6/2023 14:25	44802 EDAN_T2	0	0	0	0	0	0	-1.81	-1.83	1	1	0	1200	1200	0
10/6/2023 14:25	56802 BENV_T2	1	0	-1	0.4	0	-0.4	-0.54	-0.55	0	0	0	0	0	0
10/6/2023 14:26	56802 BENV_T2	1	0	-1	0.4	0	-0.4	-0.54	-0.55	0	0	0	0	0	0
10/6/2023 14:26	45902 AUBU_T1	0	0	0	0	0	0	-0.67	-0.62	1	1	0	600	600	0
10/6/2023 14:26	44302 BEAV_T2	0	2	2	0	0.1	0.1	0	0	0	0	0	0	0	0
10/6/2023 14:26	60101 COCA_T1	0	0	0	0	0	0	0.51	0.49	0	0	0	0	0	0
10/6/2023 14:26	16302 ALPA_T2	0	0	0	0	0	0	-0.23	-0.23	0	0	0	0	0	0
10/6/2023 14:26	44802 EDAN_T2	0	0	0	0	0	0	-1.81	-1.83	1	1	0	1200	1200	0
10/6/2023 14:27	60101 COCA_T1	0	0	0	0	0	0	0.51	0.49	0	0	0	0	0	0
10/6/2023 14:27	56802 BENV_T2	1	0	-1	0.4	0	-0.4	-0.54	-0.55	0	0	0	0	0	0
10/6/2023 14:27	44802 EDAN_T2	0	0	0	0	0	0	-1.81	-1.83	1	1	0	1200	1200	0
10/6/2023 14:27	61001 DONV_T1	0	0	0	0	0	0	0.18	0.22	0	0	0	0	0	0
10/6/2023 14:28	52403 GRPA_T2	1	1	0	0.1	0	-0.1	0.21	0.2	0	0	0	0	0	0
10/6/2023 14:28	56802 BENV_T2	1	0	-1	0.4	0	-0.4	-0.54	-0.55	0	0	0	0	0	0
10/6/2023 14:28	28801 LAKE_T1	215	269	54	0.24	0.58	0.34	0	0	0	0	0	0	0	0
10/6/2023 14:29	52402 GRPA_T2	3	3	0	1.17	1.07	-0.1	0	0	0	0	0	0	0	0
10/6/2023 14:29	67204 TEHI_T2	0	0	0	0	0	0	0.02	0.05	0	0	0	0	0	0
10/6/2023 14:29	40101 HUNT_T2	0	0	0	0	0	0	-0.19	-0.17	0	0	0	0	0	0
10/6/2023 14:29	21901 HUMB_T1	0	0	0	0	0	0	-2.19	-2.16	0	0	0	0	0	0
10/6/2023 14:30	40101 HUNT_T2	0	0	0	0	0	0	-0.19	-0.17	0	0	0	0	0	0
10/6/2023 14:30	13503 MCMI_T2	0	0	0	0	0	0	-0.01	-0.01	0	0	0	0	0	0
10/6/2023 14:30	64305 LINC_T1	0	0	0	0	0	0	0.03	-0.05	0	0	0	0	0	0
10/6/2023 14:31	40101 HUNT_T2	0	0	0	0	0	0	-0.19	-0.17	0	0	0	0	0	0
10/6/2023 14:31	59302 MCAL_T1	1	1	0	0	0	0	-0.47	-0.48	1	1	0	600	600	0
10/6/2023 14:31	56802 BENV_T2	0	0	0	0	0	0	-0.55	-0.51	0	0	0	0	0	0
10/6/2023 14:31	52402 GRPA_T2	3	3	0	1.07	1.07	0	0	0	0	0	0	0	0	0
10/6/2023 14:32	67204 TEHI_T2	0	0	0	0	0	0	0.02	0.05	0	0	0	0	0	0
10/6/2023 14:33	64301 LINC_T1	0	0	0	0	0	0	0.13	0.11	1	1	0	600	600	0
10/6/2023 14:34	56501 ROCK_T2	0	1	1	0	0	0	-0.08	-0.09	0	0	0	0	0	0
10/6/2023 14:34	59402 RFLD_T2	0	0	0	0	0	0	-1.2	-1.14	1	1	0	450	450	0
10/6/2023 14:34	64802 MONE_T2	1	4	3	0.4	0.1	-0.3	0.18	0.17	0	0	0	0	0	0
10/6/2023 14:37	45902 AUBU_T1	0	0	0	0	0	0	-1.85	-1.76	3	3	0	1800	1800	0
10/6/2023 14:37	45901 AUBU_T1	0	0	0	0	0	0	0.26	0.14	0	0	0	0	0	0
10/6/2023 14:37	66505 SMAN_T2	0	0	0	0	0	0	0.69	0.58	2	2	0	1500	1500	0
10/6/2023 14:38	59101 WALK_T2	2	1	-1	0.6	0	-0.6	1.56	1.22	0	0	0	0	0	0
10/6/2023 14:38	49803 UNIV_T1	0	0	0	0	0	0	-0.72	-0.7	0	0	0	0	0	0
10/6/2023 14:39	16302 ALPA_T2	0	0	0	0	0	0	-0.46	-0.5	0	0	0	0	0	0
10/6/2023 14:39	56802 BENV_T2	0	0	0	0	0	0	-0.55	-0.51	0	0	0	0	0	0
10/6/2023 14:39	59101 WALK_T2	2	1	-1	0.6	0	-0.6	1.56	1.22	0	0	0	0	0	0
10/6/2023 14:40	56802 BENV_T2	0	0	0	0	0	0	-0.55	-0.51	0	0	0	0	0	0
10/6/2023 14:40	16302 ALPA_T2	0	0	0	0	0	0	-0.23	-0.25	0	0	0	0	0	0
10/6/2023 14:41	44802 EDAN_T2	0	0	0	0	0	0	-1.83	-1.82	1	1	0	1200	1200	0
10/6/2023 14:41	56802 BENV_T2	0	0	0	0	0	0	-0.55	-0.51	0	0	0	0	0	0
10/6/2023 14:41	16302 ALPA_T2	0	0	0	0	0	0	-0.23	-0.25	0	0	0	0	0	0
10/6/2023 14:42	61001 DONV_T1	0	0	0	0	0	0	0.22	0.2	0	0	0	0	0	0
10/6/2023 14:42	60101 COCA_T1	0	0	0	0	0	0	0.99	1.04	0	0	0	0	0	0
10/6/2023 14:42	44802 EDAN_T2	0	0	0	0	0	0	-3.66	-3.64	2	2	0	2400	2400	0
10/6/2023 14:44	29401 BELT_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/6/2023 14:44	21901 HUMB_T1	0	0	0	0	0	0	-2.16	-2.14	0	0	0	0	0	0
10/6/2023 14:45	52402 GRPA_T2	3	4	1	1.07	0.8	-0.27	0	0	0	0	0	0	0	0
10/6/2023 14:45	56802 BENV_T2	0	0	0	0	0	0	-0.51	-0.56	0	0	0	0	0	0
10/6/2023 14:45	28801 LAKE_T1	261	238	-23	0.56	0.36	-0.2	0	0	0	0	0	0	0	0
10/6/2023 14:45	59301 MCAL_T1	6	4	-2	0.37	0.53	0.16	-3.24	-3.16	2	2	0	1200	1200	0
10/6/2023 14:45	67204 TEHI_T2	0	0	0	0	0	0	0.05	0.04	0	0	0	0	0	0
10/6/2023 14:46	64305 LINC_T1	0	0	0	0	0	0	-0.05	-0.07	0	0	0	0	0	0
10/6/2023 14:46	59301 MCAL_T1	6	4	-2	0.37	0.53	0.16	-1.62	-1.58	1	1	0	600	600	0
10/6/2023 14:46	13503 MCMI_T2	0	0	0	0	0	0	-0.01	-0.01	0	0	0	0	0	0
10/6/2023 14:47	59301 MCAL_T1	6	4	-2	0.37	0.53	0.16	0	0	0	0	0	0	0	0
10/6/2023 14:47	64301 LINC_T1	0	1	1	0	0	0	0.11	0.1	1	1	0	600	600	0
10/6/2023 14:47	59003 MIFF_T1	0	0	0	0	0	0	0.01	-0.2	0	0	0	0	0	0
10/6/2023 14:48	67204 TEHI_T2	0	0	0	0	0	0	0.05	0.04	0	0	0	0	0	0
10/6/2023 14:49	59002 MIFF_T1	1	5	4	0.1	0.12	0.02	0	0	0	0	0	0	0	0
10/6/2023 14:50	43301 WATS_T2	1	1	0	0.2	0.2	0	0	0	0	0	0	0	0	0
10/6/2023 14:50	65001 NEFF_T2	0	0	0	0	0	0	-0.24	-0.16	1	1	0	1200	1200	0
10/6/2023 14:50	64802 MONE_T2	1	1	0	0.1	0.5	0.4	0.17	0.2	0	0	0	0	0	0
10/6/2023 14:52	67402 WAKE_T2	1	1	0	6.1	6.3	0.2	0	0	0	0	0	0	0	0
10/6/2023 14:53	60801 BUCK_T1	0	0	0	0	0	0	-0.02	-0.02	0	0	0	0	0	0
10/6/2023 15:01	52402 GRPA_T2	3	4	1	1.03	0.75	-0.28	0	0	0	0	0	0	0	0
10/6/2023 15:02	60501 NMAN_T2	3	3	0	4.4	4.8	0.4	0	0	0	0	0	0	0	0
10/6/2023 15:03	59402 RFLD_T2	0	0	1	0	0	0	-1.18	-1.31	1	1	0	450	450	0
10/6/2023 15:03	66504 SMAN_T2	0	0	0	0	0	0	-1.05	-1.05	1	1	0	1200	1200	0
10/6/2023 15:04	66703 STRA_T1	0	0	0	0	0	0	0.34	0.23	0	0	0	0	0	0
10/6/2023 15:04	67203 TEHI_T1	1	3	2	0	0.2	0.2	2.33	2.24	1	1	0	600	600	0
10/6/2023 15:04	59402 RFLD_T2	0	0	0	0	0	0	-2.36	-2.63	2	2	0	900	900	0
10/6/2023 15:08	44301 BEAV_T2	2	2	0	0.1	0.35	0.25	-0.49	-0.84	1	1	0	600	600	0
10/6/2023 15:10	44301 BEAV_T2	0	2	2	0.1	0.35	0.25	0	0	0	0	0	0	0	0
10/6/2023 15:11	28801 LAKE_T1	236	210	-26	0.35	0.25	-0.1	0	0	0	0	0	0	0	0
10/6/2023 15:13	52402 GRPA_T2	3	4	1	1.03	0.75	-0.28	0	0	0	0	0	0	0	0
10/6/2023 15:19	65604 QVIL_T2	0	0	0	0	0	0	0.56	0.56	0	0	0	0	0	0
10/6/2023 15:20	65604 QVIL_T2	0	0	0	0	0	0	0.56	0.56	0	0	0	0	0	0
10/6/2023 15:23	60305 TWVA_T2	0	0	0	0	0	0	-1.45	-1.45	2	2	0	2400	2400	0
10/6/2023 15:24	56802 BENV_T2	0	0	0	0	0	0	-0.56	-0.55	0	0	0	0	0	0
10/6/2023 15:29	56802 BENV_T2	0	0	0	0	0	0	-0.55	-0.61	0	0	0	0	0	0
10/6/2023 15:40	56802 BENV_T2	0	0	0	0	0	0	-0.55	-0.61	0	0	0	0	0	0
10/6/2023 15:46	48302 ORWI_T2	2	2	0	0.3	0.85	0.55	-0.46	-0.47	0	0	0	0	0	0
10/6/2023 15:46	59003 MIFF_T1	0	0	0	0	0	0	0.06	1.64	0	0	0	0	0	0
10/6/2023 15:48	42902 MIDD_T2	0	0	0	0	0	0	-0.18	-0.26	0	0	0	0	0	0
10/6/2023 15:53	10805 CHHI_T2	1	4	3	7.8	7.9	0.1	-1.57	-0.47	2	1	-1	1800	600	-1200
10/6/2023 15:53	43301 WATS_T2	1	0	-1	0.3	0	-0.3	0	0	0	0	0	0	0	0
10/6/2023 15:57	62604 ENGL_T1	0	0	0	0	0	0	-1.17	-1.12	1	1	0	600	600	0
10/6/2023 15:58	62604 ENGL_T1	0	0	0	0	0	0	-2.34	-2.24	2	2	0	1200	1200	0
10/6/2023 15:58	20603 GRWO_T2	0	69	69	0	0.22	0.22	-0.5	-0.51	1	1	0	900	900	0
10/6/2023 15:59	62604 ENGL_T1	0	0	0	0	0	0	-1.12	-1.08	1	1	0	600	600	0
10/6/2023 15:59	52403 GRPA_T2	2	2	0	0.55	0.55	0	0.14	0.21	0	0	0	0	0	0
10/6/2023 16:00	52401 GRPA_T2	0	1	1	0	0	0	0	0	0	0	0	0	0	0
10/6/2023 16:02	52402 GRPA_T2	1	4	3	2.9	0.93	-1.97	0	0	0	0	0	0	0	0
10/6/2023 16:03	52403 GRPA_T2	2	2	0	0.7	0	-0.7	0.14	0.21	0	0	0	0	0	0
10/6/2023 16:09	29401 BELT_T1	0	27	27	0	0.16	0.16	0	0	0	0	0	0	0	0
10/6/2023 16:09	65001 NEFF_T2	0	0	0	0	0	0	-0.36	-0.31	1	1	0	1200	1200	0
10/6/2023 16:10	29402 BELT_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/6/2023 16:14	20603 GRWO_T2	17	76	59	0.16	0.21	0.05	-0.56	-0.54	1	1	0	900	900	0
10/6/2023 16:22	59101 WALK_T2	1	1	0	0	0	0	1.59	1.63	0	0	0	0	0	0
10/6/2023 16:23	59101 WALK_T2	1	1	0	0	0	0	1.59	1.63	0	0	0	0	0	0
10/6/2023 16:45	40101 HUNT_T2	0	0	0	0	0	0	-0.37	-0.37	0	0	0	0	0	0
10/6/2023 17:01	62607 ENGL_T1	0	1	1	0	0	0	0	0	0	0	0	0	0	0
10/6/2023 17:02	65001 NEFF_T2	0	0	0	0	0	0	-0.27	-0.44	1	1	0	1200	1200	0
10/6/2023 17:06	62604 ENGL_T1	0	0	0	0	0	0	-1.16	-1.11	1	1	0	600	600	0
10/6/2023 17:07	59101 WALK_T2	2	1	-1	0	0	0	1.49	1.36	0	0	0	0	0	0
10/6/2023 18:51	53901 HALI_T2	0	1	1	0	0.2	0.2	0	0	0	0	0	0	0	0
10/6/2023 19:15	65001 NEFF_T2	0	0	0	0	0	0	-0.65	-0.65	1	1	0	1200	1200	0
10/6/2023 19:36	43301 WATS_T2	1	1	0	0.4	0.5	0.1	0	0	0	0	0	0	0	0
10/6/2023 19:36	45402 WBLO_T2	50	74	24	0.42	0.44	0.02	0	0	0	0	0	0	0	0
10/6/2023 19:40	46004 BERW_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/6/2023 19:41	59102 WALK_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/6/2023 19:43	45802 HEGI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/6/2023 19:44	26401 INOR_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/6/2023 19:45	56802 BENV_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/6/2023 19:45	46203 DANV_T2	25	46	21	0.14	0.13	-0.01	0	0	0	0	0	0	0	0
10/6/2023 19:46	54701 NEBL_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/6/2023 19:49	53903 HALI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/6/2023 19:50	61001 DONV_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/6/2023 19:52	60801 BUCK_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/6/2023 19:56	59402 RFLD_T2	12	36	24	0.16	0.27	0.11	-1.23	-1.23	1	1	0	450	450	0
10/6/2023 20:19	46801 HEPB_T2	48	43	-5	0.39	0.37	-0.02	0	0	0	0	0	0	0	0
10/6/2023 20:20	45702 LIND_T2	1	1	0	1.3	0.8	-0.5	-0.47	-0.48	0	0	0	0	0	0
10/6/2023 20:21	44901 SCOT_T2	0	0	0	0	0	0	0.07	0	0	0	0	0	0	0
10/6/2023 20:24	42002 MNVL_T2	1	1	0	1.3	1.4	0.1	0	0	0	0	0	0	0	0
10/6/2023 20:25	59101 WALK_T2	1	1	0	0	0	0	1.51	1.24	0	0	0	0	0	0
10/6/2023 20:26	44301 BEAV_T2	15	12	-3	0.65	0.73	0.08	-0.97	-1	1	1	0	600	600	0
10/6/2023 20:26	59301 MCAL_T1	3	5	2	0.53	0.44	-0.09	-1.06	-0.94	0	0	0	0	0	0
10/6/2023 20:26	44801 EDAN_T2	0	1	1	0	0	0	0	0	0	0	0	0	0	0
10/6/2023 20:26	44904 SCOT_T1	0	0	0	0	0	0	0.54	0.55	0	0	0	0	0	0
10/6/2023 20:26	46803 HEPB_T2	72	32	-40	0.23	0.25	0.02	0	0	0	0	0	0	0	0
10/6/2023 20:27	44801 EDAN_T2	0	1	1	0	0	0	0	0	0	0	0	0	0	0
10/6/2023 20:29	44801 EDAN_T2	0	1	1	0	0	0	0	0	0	0	0	0	0	0
10/6/2023 20:32	49804 UNIV_T1	1	0	-1	0.1	0	-0.1	0	0	0	0	0	0	0	0
10/6/2023 20:32	59101 WALK_T2	1	1	0	0	0	0	1.24	1.22	0	0	0	0	0	0
10/6/2023 20:35	59402 RFLD_T2	40	51	11	0.27	0.27	0	-1.25	-1.23	1	1	0	450	450	0
10/6/2023 20:36	43301 WATS_T2	1	1	0	0.7	1	0.3	0	0	0	0	0	0	0	0
10/6/2023 20:37	52402 GRPA_T2	4	4	0	1.15	1.38	0.23	0	0	0	0	0	0	0	0
10/6/2023 20:37	45901 AUBU_T1	7	8	1	0.13	0.14	0.01	1.2	1.2	0	0	0	0	0	0
10/6/2023 20:37	59302 MCAL_T1	2	2	0	0.4	0.4	0	0	0	0	0	0	0	0	0
10/6/2023 20:37	46001 BERW_T1	0	0	0	0	0	0	0.92	0.93	0	0	0	0	0	0
10/6/2023 20:37	53601 DALM_T2	1	1	0	0.9	1.1	0.2	-0.5	-0.5	0	0	0	0	0	0
10/6/2023 20:38	26401 INOR_T1	0	0	0	0	0	0	0.26	0.24	0	0	0	0	0	0
10/6/2023 20:39	58402 MORO_T1	0	0	0	0	0	0	-0.9	-0.97	2	2	0	1500	1500	0
10/6/2023 20:40	56801 BENV_T1	3	12	9	0.47	0.28	-0.19	-0.72	-0.74	1	1	0	600	600	0
10/6/2023 20:40	59101 WALK_T2	1	1	0	0	0	0	1.24	1.22	0	0	0	0	0	0
10/6/2023 20:40	13503 MCMI_T2	0	0	0	0	0	0	-0.01	-0.01	0	0	0	0	0	0
10/6/2023 20:40	46203 DANV_T2	0	0	0	0	0	0	-0.01	0	0	0	0	0	0	0
10/6/2023 20:41	43202 MVIL_T2	42	55	13	0.18	0.29	0.11	-0.69	-0.68	0	0	0	0	0	0
10/6/2023 20:41	53901 HALI_T2	1	3	2	0.4	0.3	-0.1	0	0	0	0	0	0	0	0
10/6/2023 20:42	59402 RFLD_T2	40	51	11	0.27	0.27	0	-1.25	-1.23	1	1	0	450	450	0
10/6/2023 20:42	40101 HUNT_T2	0	0	0	0	0	0	-0.66	-0.63	0	0	0	0	0	0
10/6/2023 20:42	43304 WATS_T2	0	0	0	0	0	0	-0.74	-0.73	0	0	0	0	0	0
10/6/2023 20:42	58402 MORO_T1	0	0	0	0	0	0	-0.9	-0.97	2	2	0	1500	1500	0
10/6/2023 20:42	60305 TWVA_T2	0	0	0	0	0	0	-1.45	-1.43	2	2	0	2400	2400	0
10/6/2023 20:42	46203 DANV_T2	0	0	0	0	0	0	-0.01	0	0	0	0	0	0	0
10/6/2023 20:42	56802 BENV_T2	1	1	0	0.5	0.6	0.1	-1.1	-1.2	0	0	0	0	0	0
10/6/2023 20:43	56802 BENV_T2	1	1	0	0.5	0.6	0.1	-1.1	-1.2	0	0	0	0	0	0
10/6/2023 20:44	42201 SHEN_T2	0	0	0	0	0	0	0.41	0.38	0	0	0	0	0	0
10/6/2023 20:45	43304

10/7/2023 0:28	53903 HALI_T2	2	2	0	1.1	1.1	0	0	0	0	0	0	0	0
10/7/2023 0:28	59301 MCAL_T1	1	0	-1	0.1	0	-0.1	-1.03	-1.06	0	0	0	0	0
10/7/2023 0:28	59302 MCAL_T1	1	1	0	0.1	0.1	0	-0.45	-0.46	1	1	0	600	600
10/7/2023 0:28	44501 HAMI_T2	18	26	8	0.14	0.18	0.04	0	0	0	0	0	0	0
10/7/2023 0:28	43202 MVIL_T2	1	0	-1	0.1	0	-0.1	-0.71	-0.72	0	0	0	0	0
10/7/2023 0:28	49803 UNIV_T1	0	0	0	0	0	0	-1.13	-1.18	0	0	0	0	0
10/7/2023 0:28	45402 WBLO_T2	1	1	0	0.2	0.8	0.6	-0.85	-0.87	0	0	0	0	0
10/7/2023 0:28	52402 GRPA_T2	2	2	0	2.1	2.3	0.2	0	0	0	0	0	0	0
10/7/2023 0:28	17802 GILB_T1	0	0	0	0	0	0	0.07	0.05	0	0	0	0	0
10/7/2023 0:28	15001 BLMO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
10/7/2023 0:28	64305 LINC_T1	0	0	0	0	0	0	-0.49	-0.52	0	0	0	0	0
10/7/2023 0:28	46001 BERW_T1	0	0	0	0	0	0	0.85	0.73	0	0	0	0	0
10/7/2023 0:28	42201 SHEN_T2	0	0	0	0	0	0	0.33	0.33	0	0	0	0	0
10/7/2023 0:28	28601 BLYT_T2	0	1	1	0	0.2	0.2	0	0	0	0	0	0	0
10/7/2023 0:28	41801 GOCI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
10/7/2023 0:28	16302 ALPA_T2	0	0	0	0	0	0	2.88	2.84	0	0	0	0	0
10/7/2023 0:28	60101 COCA_T1	0	0	0	0	0	0	0.46	0.44	0	0	0	0	0
10/7/2023 0:28	29402 BELT_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
10/7/2023 0:28	28403 HART_T2	0	0	0	0	0	0	-0.67	-0.69	1	1	0	900	900
10/7/2023 0:28	64101 REFR_T1	0	0	0	0	0	0	0.16	0.12	0	0	0	0	0
10/7/2023 0:28	23401 HONE_T2	1	1	0	0.8	0.7	-0.1	-0.55	-0.57	0	0	0	0	0
10/7/2023 0:28	40101 HUNT_T2	0	0	0	0	0	0	-1.44	-1.46	0	0	0	0	0
10/7/2023 0:28	44901 SCOT_T2	0	0	0	0	0	0	0.03	-0.07	0	0	0	0	0
10/7/2023 0:28	67502 WEWI_T2	0	0	0	0	0	0	-3	-2.84	2	2	0	1800	1800
10/7/2023 0:28	45902 AUBU_T1	0	0	0	0	0	0	-1.03	-0.62	3	3	0	1800	1800
10/7/2023 0:28	28805 LAKE_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
10/7/2023 0:28	10805 CHHI_T2	1	1	0	8.5	8.3	-0.2	-2.1	-2.16	2	2	0	1200	1200
10/7/2023 0:28	20403 ASHF_T2	0	0	0	0	0	0	0.16	0.12	0	0	0	0	0
10/7/2023 0:28	42903 MIDD_T2	210	248	38	0.79	0.77	-0.02	0	0	0	0	0	0	0
10/7/2023 0:28	17804 GILB_T2	0	0	0	0	0	0	-0.55	-0.57	0	0	0	0	0
10/7/2023 0:28	48302 ORWI_T2	2	1	-1	0.35	0.2	-0.15	-0.08	-0.11	0	0	0	0	0
10/7/2023 0:28	67502 WEWI_T2	0	0	0	0	0	0	-3	-2.84	2	2	0	1800	1800
10/7/2023 0:28	29401 BELT_T1	0	0	0	0	0	0	0	0	1	1	0	900	900
10/7/2023 0:28	26603 BROO_T1	0	0	0	0	0	0	0.04	0.04	0	0	0	0	0
10/7/2023 0:28	20603 GRWO_T2	18	0	-18	0.16	0	-0.16	0.37	0.36	0	0	0	0	0
10/7/2023 0:28	62604 ENGL_T1	0	0	0	0	0	0	-3.06	-2.84	2	2	0	1200	1200
10/7/2023 0:28	43301 WATS_T2	0	1	1	0	0.1	0.1	0	0	0	0	0	0	0
10/7/2023 0:28	67204 TEHI_T2	4	78	74	0.1	0.15	0.05	-0.27	-0.29	0	0	0	0	0
10/7/2023 0:28	44601 SALE_T2	0	0	0	0	0	0	0	-0.16	0	0	0	0	0
10/7/2023 0:28	21901 HUMB_T1	0	0	0	0	0	0	-2.29	-2.25	0	0	0	0	0
10/7/2023 0:28	60801 BUCK_T1	0	0	0	0	0	0	-0.19	-0.2	0	0	0	0	0
10/7/2023 0:28	41901 REED_T1	0	0	0	0	0	0	-2.09	-2.11	1	1	0	900	900
10/7/2023 0:28	59003 MIFF_T1	0	0	0	0	0	0	0.9	0.72	0	0	0	0	0
10/7/2023 0:28	24901 WHHA_T1	0	0	0	0	0	0	0.92	0.8	0	0	0	0	0
10/7/2023 0:28	65902 SAKR_T2	0	0	0	0	0	0	0.02	0.03	0	0	0	0	0
10/7/2023 0:28	67203 TEHI_T1	1	1	0	0	0	0	1.12	1.13	0	0	0	0	0
10/7/2023 0:28	61001 DONV_T1	0	0	0	0	0	0	1.38	1.42	0	0	0	0	0
10/7/2023 1:20	52402 GRPA_T2	3	3	0	1.43	1.63	0.2	0	0	0	0	0	0	0
10/7/2023 2:25	65001 NEFF_T2	2	4	2	0.1	0.1	0	-1.22	-1.25	1	1	0	1200	1200
10/7/2023 2:53	65001 NEFF_T2	4	4	0	0.1	0.1	0	-1.28	-1.24	1	1	0	1200	1200
10/7/2023 6:42	65001 NEFF_T2	0	0	0	0	0	0	-1.28	-1.23	1	1	0	1200	1200
10/7/2023 8:03	54701 NEBL_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
10/7/2023 8:15	46801 HEPB_T2	2	2	0	0.55	0.45	-0.1	0.59	0.6	0	0	0	0	0
10/7/2023 8:30	52403 GRPA_T2	0	0	0	0	0	0	-0.62	-0.62	0	0	0	0	0
10/7/2023 8:37	56802 BENV_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
10/7/2023 8:40	42503 ALTA_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
10/7/2023 8:42	63401 HONY_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
10/7/2023 8:42	46203 DANV_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
10/7/2023 8:44	46801 HEPB_T2	2	2	0	0.45	0.4	-0.05	0.55	0.6	0	0	0	0	0
10/7/2023 8:45	46801 HEPB_T2	2	2	0	0.3	0.4	0.1	0	0	0	0	0	0	0
10/7/2023 9:02	40101 HUNT_T2	0	0	0	0	0	0	-0.63	-0.72	0	0	0	0	0
10/7/2023 9:03	54701 NEBL_T1	0	0	0	0	0	0	0	0	1	1	0	600	600
10/7/2023 9:06	59101 WALK_T2	1	1	0	0	0	0	0.8	1.2	0	0	0	0	0
10/7/2023 9:07	59402 RFLD_T2	33	39	6	0.24	0.26	0.02	-1.3	-1.31	1	1	0	450	450
10/7/2023 9:08	43402 BENT_T1	0	0	0	0	0	0	-0.93	-0.92	1	1	0	900	900
10/7/2023 9:15	22901 HARW_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
10/7/2023 9:18	48303 ORWI_T2	0	176	176	0	0	0	0	0	0	0	0	0	0
10/7/2023 9:20	67502 WEWI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
10/7/2023 9:22	26603 BROO_T1	0	0	0	0	0	0	0.2	0.21	0	0	0	0	0
10/7/2023 9:22	59101 WALK_T2	1	1	0	0	0	0	1.2	1.29	0	0	0	0	0
10/7/2023 9:23	43402 BENT_T1	0	0	0	0	0	0	-0.92	-0.93	1	1	0	900	900
10/7/2023 9:23	49803 UNIV_T1	0	0	0	0	0	0	-1.17	-1.12	0	0	0	0	0
10/7/2023 9:24	23401 HONE_T2	0	0	0	0	0	0	0.06	0.05	0	0	0	0	0
10/7/2023 9:27	28805 LAKE_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
10/7/2023 9:28	28805 LAKE_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
10/7/2023 9:32	54701 NEBL_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
10/7/2023 9:32	42001 MNVL_T2	0	0	0	0	0	0	0.01	0.05	0	0	0	0	0
10/7/2023 9:32	13503 MCMI_T2	0	0	0	0	0	0	-0.04	-0.01	0	0	0	0	0
10/7/2023 9:36	59202 THOM_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
10/7/2023 9:37	56802 BENV_T2	1	1	0	0.9	0.8	-0.1	-1.47	-1.49	0	0	0	0	0
10/7/2023 9:37	10801 CHHI_T1	0	0	0	0	0	0	-1.29	-1.2	2	2	0	1500	1500
10/7/2023 9:38	45902 AUBU_T1	0	0	0	0	0	0	-0.68	-0.8	1	1	0	600	600
10/7/2023 9:39	46206 DANV_T2	0	1	1	0	0	0	0	0	0	0	0	0	0
10/7/2023 9:39	56802 BENV_T2	1	0	-1	0.9	0.8	-0.1	-1.47	-1.49	0	0	0	0	0
10/7/2023 9:40	41502 FAIR_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
10/7/2023 9:40	45902 AUBU_T1	0	0	0	0	0	0	-0.68	-0.8	1	1	0	600	600
10/7/2023 9:41	56802 BENV_T2	1	1	0	0.9	0.8	-0.1	-1.47	-1.49	0	0	0	0	0
10/7/2023 9:42	44502 HAMI_T2	1	1	0	2.4	2.4	0	-0.8	-0.8	0	0	0	0	0
10/7/2023 9:43	52402 GRPA_T2	1	1	0	2.6	3	0.4	0	0	0	0	0	0	0
10/7/2023 9:43	45003 LIME_2	1	1	0	4.3	4.1	-0.2	0	0	1	1	0	1200	1200
10/7/2023 9:47	43402 BENT_T1	0	0	0	0	0	0	-0.95	-0.94	1	1	0	900	900
10/7/2023 9:48	66504 SMAN_T2	0	0	0	0	0	0	-1.5	-1.5	1	1	0	1200	1200
10/7/2023 9:48	41901 REED_T1	2	4	2	0.2	0.3	0.1	-2.1	-2.1	1	1	0	900	900
10/7/2023 9:48	54701 NEBL_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
10/7/2023 9:49	43202 MVIL_T2	0	0	0	0	0	0	-0.71	-0.72	0	0	0	0	0
10/7/2023 9:50	43202 MVIL_T2	0	0	0	0	0	0	-0.71	-0.72	0	0	0	0	0
10/7/2023 9:53	42201 SHEN_T2	0	0	0	0	0	0	0.33	0.34	0	0	0	0	0
10/7/2023 9:54	61303 EARL_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
10/7/2023 9:56	60801 BUCK_T1	0	0	0	0	0	0	-0.18	-0.17	0	0	0	0	0
10/7/2023 9:59	52403 GRPA_T2	0	0	0	0	0	0	-0.05	-0.06	0	0	0	0	0
10/7/2023 10:00	26401 INOR_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
10/7/2023 10:00	12604 MACA_T1	0	0	0	0	0	0	0.29	0.33	0	0	0	0	0
10/7/2023 10:00	67604 WARW_T1	0	0	0	0	0	0	0.59	0.58	0	0	0	0	0
10/7/2023 10:00	42201 SHEN_T2	0	0	0	0	0	0	0.34	0.34	0	0	0	0	0
10/7/2023 10:00	64801 MONE_T2	0	1	1	0	0.5	0.5	0.3	0.31	0	0	0	0	0
10/7/2023 10:00	41502 FAIR_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
10/7/2023 10:00	20403 ASHF_T2	0	4	4	0	0	0	0	0	0	0	0	0	0
10/7/2023 10:00	59101 WALK_T2	1	1	0	0	0	0	3.81	4.32	0	0	0	0	0
10/7/2023 10:00	54701 NEBL_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
10/7/2023 10:00	41901 REED_T1	3	9	6	0.23	0.27	0.04	-2.1	-2.11	1	1	0	900	900
10/7/2023 10:00	56601 HAMP_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
10/7/2023 10:00	63401 HONY_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
10/7/2023 10:00	64101 REFR_T1	0	0	0	0	0	0	0.13	0.08	0	0	0	0	0
10/7/2023 10:00	42503 ALTA_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
10/7/2023 10:00	46203 DANV_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
10/7/2023 10:00	53903 HALI_T2	2	2	0	0.35	0.3	-0.05	-0.11	-0.07	0	0	0	0	0
10/7/2023 10:00	67502 WEWI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
10/7/2023 10:00	59102 WALK_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
10/7/2023 10:00	56802 BENV_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
10/7/2023 10:00	52503 PROG_T2	0	0	0	0	0	0	-0.69	-0.71	1	1	0	900	900
10/7/2023 10:00	46004 BERW_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
10/7/2023 10:00	22901 HARW_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
10/7/2023 10:00	60801 BUCK_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
10/7/2023 10:00	59402 RFLD_T2	19	24	5	0.22	0.21	-0.01	-0.79	-0.76	0	0	0	0	0
10/7/2023 10:00	61303 EARL_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
10/7/2023 10:01	10805 CHHI_T2	1	1	0	7.6	7.9	0.3	-1.12	-1.2	1	1	0	600	600
10/7/2023 10:01	53902 HALI_T2	0	0	0	0	0	0	-0.9	-0.87	0	0	0	0	0
10/7/2023 10:06	45902 AUBU_T1	0	0	0	0	0	0	-0.75	-0.81	1	1	0	600	600
10/7/2023 10:06	56802 BENV_T2	1	1	0	0.6	0.7	0.1	-2.9	-2.84	0	0	0	0	0
10/7/2023 10:06	40101 HUNT_T2	0	0	0	0	0	0	-0.71	-0.71	0	0	0	0	0
10/7/2023 10:06	64301 LINC_T1	0	0	0	0	0	0	-0.41	-0.47	1	1	0	600	600
10/7/2023 10:08	43001 ALWD_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
10/7/2023 10:08	48302 ORWI_T2	2	2	0	0.35	0.3	0.1	-0.05	-0.02	0	0	0	0	0
10/7/2023 10:08	59101 WALK_T2	1	1	0	0	0	0	1.27	1.44	0	0	0	0	0
10/7/2023 10:08	56802 BENV_T2	1	1	0	0.6	0.7	0.1	-2.9	-2.84	0	0	0	0	0
10/7/2023 10:09	60701 BREC_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
10/7/2023 10:09	60803 BUCK_T1	0	1	1	0	0.1	0.1	0	0	0	0	0	0	0
10/7/2023 10:09	45902 AUBU_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
10/7/2023 10:09	46203 DANV_T2	0	0	0	0	0	0	-0.11	-0.11	0	0	0	0	0
10/7/2023 10:09	43001 ALWD_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
10/7/2023 10:09	10801 CHHI_T1	0	0	0	0	0	0	-1.44	-1.47	2	2	0	1500	1500
10/7/2023 10:09	45602 WOOL_T1	0	0	0	0	0	0	0.78	0.86	0	0	0	0	0
10/7/2023 10:10	20403 ASHF_T2	0	4	4	0	0	0	0.16	0.21	0	0	0	0	0
10/7/2023 10:10	44301 BEAV_T2	2	2	0	0.45	0.5	0.05	0	0	0	0	0	0	0
10/7/2023 10:10	56802 BENV_T2	1	1	0	0.6	0.7	0.1	-1.45	-1.42	0	0	0	0	0
10/7/2023 10:10	59101 WALK_T2	1	1	0	0	0	0	1.27	1.44	0	0	0	0	0
10/7/2023 10:10	45902 AUBU_T1	0	0	0	0	0	0	-0.75	-0.81	1	1	0	600	600
10/7/2023 10:10	45602 WOOL_T1	0	0	0	0	0	0	0.39	0.43	0	0	0	0	0
10/7/2023 10:11	56802 BENV_T2	1	1	0	0.6	0.7	0.1	-1.45	-1.42	0	0	0	0	0
10/7/2023 10:11	60803 BUCK_T1	0	1	1	0	0.1	0.1	0	0	0	0	0	0	0
10/7/2023 10:11	20403 ASHF_T2	0	4	4	0	0	0	0.16	0.21	0	0	0	0	0
10/7/2023 10:11	46203 DANV_T2	0	0	0	0	0	0	-0.11	-0.11	0	0	0	0	0
10/7/2023 10:11	23401 HONE_T2	1	0	-1	0.8	0	-0.8	0.03	0.07	0	0	0	0	0
10/7/2023 10:12	26603 BROO_T1	0	1	1	0	0	0	0.24	0.24	0	0	0	0	0
10/7/2023 10:13	52403 GRPA_T2	0	0	0	0	0	0	-0.05	-0.06	0	0	0	0	0
10/7/2023 10:13	17804 GILB_T2	0	0	0	0	0	0	-0.55	-0.56	0	0	0	0	0
10/7/2023 10:13	28403 HART_T2	0	0	0	0	0	0	-0.65	-0.64	1	1	0	900	900
10/7/2023 10:14	52402 GRPA_T2	1	1	0	2	1.3	-0.7	0	0	0	0	0	0	0
10/7/2023 10:14	28805 LAKE_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
10/7/2023 10:14	13503 MCMI_T2	0	0	0	0	0	0	-0.01	-0.01	0	0	0	0	0
10/7/2023 10:15	46803 HEPB_T2	0	0	0	0	0	0	0.4	0.42	0	0	0	0	0
10/7/2023 10:15	52402 GRPA_T2	1	1	0	1.3	1.8	0.5	0	0	0	0	0	0	0
10/7/2023 10:15	43202 MVIL_T2	0	0	0	0	0	0	-0.73	-0.72	0	0	0	0	0
10/7/2023 10:15	40101 HUNT_T2	0	0	0	0	0	0	-0.71	-0.71	0	0	0	0	0
10/7/2023 10:16	46801 HEPB_T2	2	2	0	0.2	0.3	0.1	0.58	0.64	0	0	0	0	0
10/7/2023 10:16	43202 MVIL_T2	0	0	0	0	0	0	-0.73	-0.72	0	0	0	0	0
10/7/2023 10:16	28801 LAKE_T1	0	216	216	0	0.23	0.23	0	0	0	0	0	0	0
10/7/2023 10:17	13503 MCMI_T2	0	0	0	0	0	0	-0.01	-0.01	0	0	0	0	0
10/7/2023 10:17	54701 NEBL_T1	0	0	0	0	0	0	0	0	1	1	0	600	600
10/7/2023 10:18	52501 PROG_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
10/7/2023 10:18	56501 ROCK_T2	0	0	0	0	0	0	-0.45	-0.44	0	0	0	0	0
10/7/2023 10:20	67502 WEWI_T2	0	0	0	0	0	0	-1.49	-1.44	1	1	0	900	900
10/7/2023 10:20	66504 SMAN_T2	0	0	0	0	0	0	-1.63	-1.52	1	1	0	1200	1200
10/7/2023 10:20	65001 NEFF_T2	0	0	0	0	0	0	-1.06	-1.11	1	1	0	1200	1200
10/7/2023 10:21	67503 WEWI_T2	0	0	0	0	0	0	-0.33	-0.29	0	0	0	0	0
10/7/2023 10:21	67503 WEWI_T2	0	0	0	0	0	0	-0.33	-0.29	0	0	0	0	0
10/7/2023 10:21	28604 BLYT_T2	0	0	0	0	0	0	-1.31	-1.31	0	0	0	0	0
10/7/2023 10:21	66505 SMAN_T2	0	0	0	0	0	0	0.49	0.46	1	1	0	900	900
10/7/2023 10:22	67502 WEWI_T2	0	0	0	0	0	0	-2.98	-2.88	2	2	0	1800	1800
10/7/2023 10:22	49804 UNIV_T1	0	1	1	0	0.2	0.2	0	0	0	0	0	0	0
10/7/2023 10:22	44901 SCOT_T2	0	0	0	0	0	0	-0.07	-0.24	0	0	0	0	0
10/7/2023 10:23	67503 WEWI_T2	0	0	0	0	0	0	-0.33	-0.29	0	0	0	0	0
10/7/2023 10:24	15001 BLMO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
10/7/2023 10:25	62607 ENGL_T1	0	3	3	0	0.1	0.1	0	0	0	0	0	0	0
10/7/2023 10:25	43301 WATS_T2	0	1	1	0	0.5	0.5	0	0	0	0	0	0	0
10/7/2023 10:25	15001 BLMO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
10/7/2023 10:25	17805 GILB_T2	0	0	0	0	0	0	0.26	0.31	0	0	0	0	0
10/7/2023 10:26	62604 ENGL_T1	0	0	0	0	0	0	-2.82	-2.8	2	2	0	1200	1200
10/7/2023 10:27	15001 BLMO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
10/7/2023 10:28	45003 LIME_2	1	1	0	3.7	4.3	0.6	0	0

10/7/2023 10:40	46001 BERW_T1	0	0	0	0	0	0	0.79	0.8	0	0	0	0	0	0
10/7/2023 10:41	41502 FAIR_T2	0	0	0	0	0	0	-1.66	-1.67	1	1	0	900	900	0
10/7/2023 10:41	46001 BERW_T1	0	0	0	0	0	0	0.79	0.8	0	0	0	0	0	0
10/7/2023 10:42	61301 EARL_T1	0	0	0	0	0	0	-1.43	-1.48	2	2	0	1800	1800	0
10/7/2023 10:42	23901 EFMO_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/7/2023 10:42	40101 HUNT_T2	0	0	0	0	0	0	-0.71	-0.62	0	0	0	0	0	0
10/7/2023 10:43	26401 INOR_T1	0	0	0	0	0	0	0.28	0.27	0	0	0	0	0	0
10/7/2023 10:45	58402 MORO_T1	0	1	1	0	0	0	1.12	1.15	2	2	0	1500	1500	0
10/7/2023 10:46	42903 MIDD_T2	16	9	-7	0.45	0.67	0.22	0	0	0	0	0	0	0	0
10/7/2023 10:46	45003 LIME_2	1	1	0	4.3	4.1	-0.2	0	0	1	1	0	1200	1200	0
10/7/2023 10:47	13501 MCMI_T1	0	0	0	0	0	0	0.28	0.29	0	0	0	0	0	0
10/7/2023 10:48	13701 SCHN_T2	1	1	0	0.1	0.1	0	0	0	0	0	0	0	0	0
10/7/2023 10:48	12701 MACU_T1	0	0	0	0	0	0	0.08	0.09	0	0	0	0	0	0
10/7/2023 10:51	66703 STRA_T1	5	4	-1	0.26	0.3	0.04	-0.12	-0.01	0	0	0	0	0	0
10/7/2023 10:52	13704 SCHN_T2	6	6	0	0.2	0.2	0	-0.31	-0.32	0	0	0	0	0	0
10/7/2023 10:52	67503 WEWI_T2	0	0	0	0	0	0	-0.32	-0.32	0	0	0	0	0	0
10/7/2023 10:52	44901 SCOT_T2	0	0	0	0	0	0	-0.34	-0.38	0	0	0	0	0	0
10/7/2023 10:53	29401 BELT_T1	0	0	0	0	0	0	0	0	1	1	0	900	900	0
10/7/2023 10:54	67203 TEHI_T1	1	1	0	0	0	0	1.05	1.17	1	1	0	900	900	0
10/7/2023 10:56	61303 EARL_T1	0	0	0	0	0	0	0.01	0.1	0	0	0	0	0	0
10/7/2023 10:56	15001 BLMO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/7/2023 10:57	61304 EARL_T1	6	1	-5	0.13	0.1	-0.03	0	0	0	0	0	0	0	0
10/7/2023 10:57	29401 BELT_T1	0	0	0	0	0	0	0	0	1	1	0	900	900	0
10/7/2023 10:57	28403 HART_T2	0	0	0	0	0	0	-0.62	-0.64	1	1	0	900	900	0
10/7/2023 10:57	21901 HUMB_T1	0	0	0	0	0	0	-2.23	-2.23	0	0	0	0	0	0
10/7/2023 11:00	63404 HONY_T1	171	171	0	0.67	0.73	0.06	0	0	0	0	0	0	0	0
10/7/2023 11:00	58402 MORO_T1	0	1	1	0	0	0	-1.15	-1.26	2	2	0	1500	1500	0
10/7/2023 11:01	64305 LINC_T1	0	0	0	0	0	0	-0.38	-0.38	0	0	0	0	0	0
10/7/2023 11:01	46801 HEPB_T2	2	2	0	0.3	0.3	0	0.63	0.63	0	0	0	0	0	0
10/7/2023 11:02	42002 MNVL_T2	1	1	0	1.4	1.4	0	0	0	0	0	0	0	0	0
10/7/2023 11:02	64503 LAVI_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/7/2023 11:02	15604 NSTR_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/7/2023 11:03	58402 MORO_T1	0	1	1	0	0	0	-1.15	-1.26	2	2	0	1500	1500	0
10/7/2023 11:03	13701 SCHN_T2	0	7	7	0	0.11	0.11	0	0	0	0	0	0	0	0
10/7/2023 11:04	44901 SCOT_T2	0	0	0	0	0	0	-0.19	-0.07	0	0	0	0	0	0
10/7/2023 11:06	44601 SALE_T2	0	0	0	0	0	0	-0.06	-0.04	0	0	0	0	0	0
10/7/2023 11:07	60701 BREC_T1	0	0	0	0	0	0	-0.48	-0.48	1	1	0	600	600	0
10/7/2023 11:07	27502 WEIS_T2	0	0	0	0	0	0	-0.62	-0.58	0	0	0	0	0	0
10/7/2023 11:08	67503 WEWI_T2	0	0	0	0	0	0	-0.32	-0.31	0	0	0	0	0	0
10/7/2023 11:08	44601 SALE_T2	0	0	0	0	0	0	-0.06	-0.04	0	0	0	0	0	0
10/7/2023 11:08	59101 WALK_T2	1	1	0	0	0	0	1.18	1.18	0	0	0	0	0	0
10/7/2023 11:08	45902 AUBU_T1	0	0	0	0	0	0	-0.79	-0.8	1	1	0	600	600	0
10/7/2023 11:09	61001 DONV_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/7/2023 11:12	41504 FAIR_T2	0	1	1	0	0	0	0	0	0	0	0	0	0	0
10/7/2023 11:13	61001 DONV_T1	0	0	0	0	0	0	-0.16	-0.06	0	0	0	0	0	0
10/7/2023 11:14	41504 FAIR_T2	0	1	1	0	0	0	0	0	0	0	0	0	0	0
10/7/2023 11:15	63802 HEMP_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/7/2023 11:15	22901 HARW_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/7/2023 11:16	64801 MONE_T2	1	1	0	0.2	0.1	-0.1	0.32	0.32	0	0	0	0	0	0
10/7/2023 11:16	63203 MGTN_T1	0	0	0	0	0	0	-0.18	-0.14	1	1	0	600	600	0
10/7/2023 11:17	60701 BREC_T1	0	0	0	0	0	0	-0.48	-0.48	1	1	0	600	600	0
10/7/2023 11:20	49803 UNIV_T1	15	1	-14	0.11	0.1	-0.01	-1.07	-1.03	0	0	0	0	0	0
10/7/2023 11:20	66504 SMAN_T2	0	0	0	0	0	0	-1.6	-1.64	1	1	0	1200	1200	0
10/7/2023 11:22	56803 BENV_T1	1	1	0	0.5	0	-0.5	0	0	0	0	0	0	0	0
10/7/2023 11:23	66703 STRA_T1	4	2	-2	0.3	0.25	-0.05	-0.07	-0.05	0	0	0	0	0	0
10/7/2023 11:23	59101 WALK_T2	1	1	0	0	0	0	1.18	1.35	0	0	0	0	0	0
10/7/2023 11:23	56803 BENV_T1	1	1	0	0.5	0	-0.5	0	0	0	0	0	0	0	0
10/7/2023 11:24	56801 BENV_T1	11	7	-4	0.36	0.34	-0.02	-1.68	-1.64	2	2	0	1200	1200	0
10/7/2023 11:24	56802 BENV_T2	1	1	0	0.8	0.8	0	-1.45	-1.44	0	0	0	0	0	0
10/7/2023 11:24	60701 BREC_T1	0	1	1	0	0	0	-0.48	-0.48	1	1	0	600	600	0
10/7/2023 11:25	56803 BENV_T1	1	1	0	0.5	0	-0.5	0	0	0	0	0	0	0	0
10/7/2023 11:26	63404 HONY_T1	163	168	5	0.63	0.74	0.11	0	0	0	0	0	0	0	0
10/7/2023 11:26	56801 BENV_T1	11	7	-4	0.36	0.34	-0.02	-0.84	-0.82	1	1	0	600	600	0
10/7/2023 11:27	51604 DUKE_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/7/2023 11:27	56801 BENV_T1	11	7	-4	0.36	0.34	-0.02	-0.84	-0.82	1	1	0	600	600	0
10/7/2023 11:28	25402 LAHA_T2	0	0	0	0	0	0	-0.83	-0.76	0	0	0	0	0	0
10/7/2023 11:29	52403 GRPA_T2	0	0	0	0	0	0	-0.04	-0.04	0	0	0	0	0	0
10/7/2023 11:30	45802 HEGI_T2	0	0	0	0	0	0	0.72	0.53	0	0	0	0	0	0
10/7/2023 11:30	64503 LAVI_T1	0	0	0	0	0	0	-0.74	-0.75	1	1	0	1200	1200	0
10/7/2023 11:31	64503 LAVI_T1	0	0	0	0	0	0	-0.74	-0.75	1	1	0	1200	1200	0
10/7/2023 11:32	64503 LAVI_T1	0	0	0	0	0	0	-0.74	-0.75	1	1	0	1200	1200	0
10/7/2023 11:32	64801 MONE_T2	1	1	0	0.1	0.2	0.1	0.32	0.34	0	0	0	0	0	0
10/7/2023 11:33	42002 MNVL_T2	1	1	0	1.4	1.4	0	0	0	0	0	0	0	0	0
10/7/2023 11:33	65602 QVIL_T2	0	8	8	0	0.3	0.3	0	0	0	0	0	0	0	0
10/7/2023 11:37	56802 BENV_T2	1	1	0	0.8	0.8	0	-1.44	-1.43	0	0	0	0	0	0
10/7/2023 11:38	46001 BERW_T1	0	0	0	0	0	0	0.79	0.75	0	0	0	0	0	0
10/7/2023 11:38	56802 BENV_T2	1	1	0	0.8	0.8	0	-2.88	-2.86	0	0	0	0	0	0
10/7/2023 11:39	56801 BENV_T1	6	14	8	0.23	0.44	0.21	-1.64	-1.68	2	2	0	1200	1200	0
10/7/2023 11:39	56802 BENV_T2	1	1	0	0.8	0.8	0	-1.44	-1.43	0	0	0	0	0	0
10/7/2023 11:39	61001 DONV_T1	0	0	0	0	0	0	0.02	-0.08	0	0	0	0	0	0
10/7/2023 11:40	56802 BENV_T2	1	1	0	0.8	0.8	0	-1.44	-1.43	0	0	0	0	0	0
10/7/2023 11:41	56801 BENV_T1	6	14	8	0.23	0.44	0.21	-0.82	-0.84	1	1	0	600	600	0
10/7/2023 11:41	46001 BERW_T1	0	0	0	0	0	0	0.79	0.75	0	0	0	0	0	0
10/7/2023 11:41	56802 BENV_T2	1	1	0	0.8	0.8	0	-2.88	-2.86	0	0	0	0	0	0
10/7/2023 11:41	61801 EELI_T2	2	2	0	0.35	0.7	0.35	-0.77	-0.82	1	1	0	600	600	0
10/7/2023 11:42	52403 GRPA_T2	0	0	0	0	0	0	-0.04	-0.04	0	0	0	0	0	0
10/7/2023 11:42	23901 EFMO_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/7/2023 11:44	52403 GRPA_T2	0	0	0	0	0	0	-0.08	-0.16	0	0	0	0	0	0
10/7/2023 11:44	21901 HUMB_T1	0	0	0	0	0	0	-2.17	-2.22	0	0	0	0	0	0
10/7/2023 11:44	45001 LIME_2	0	3	3	0	0.1	0.1	0	0	0	0	0	0	0	0
10/7/2023 11:44	40101 HUNT_T2	0	0	0	0	0	0	-0.65	-0.68	0	0	0	0	0	0
10/7/2023 11:45	25402 LAHA_T2	0	0	0	0	0	0	-0.8	-0.8	0	0	0	0	0	0
10/7/2023 11:45	40101 HUNT_T2	0	0	0	0	0	0	-0.65	-0.68	0	0	0	0	0	0
10/7/2023 11:46	45001 LIME_2	0	5	5	0	0.1	0.1	0	0	0	0	0	0	0	0
10/7/2023 11:46	58402 MORO_T1	0	0	0	0	0	0	-1.2	-1.2	2	2	0	1500	1500	0
10/7/2023 11:46	40101 HUNT_T2	0	0	0	0	0	0	-0.65	-0.68	0	0	0	0	0	0
10/7/2023 11:47	58402 MORO_T1	0	0	0	0	0	0	-1.2	-1.2	2	2	0	1500	1500	0
10/7/2023 11:48	65602 QVIL_T2	6	18	12	0.33	0.23	-0.1	0	0	0	0	0	0	0	0
10/7/2023 11:49	42002 MNVL_T2	1	1	0	1.4	1.4	0	0	0	0	0	0	0	0	0
10/7/2023 11:49	58402 MORO_T1	0	0	0	0	0	0	-1.2	-1.2	2	2	0	1500	1500	0
10/7/2023 11:50	15103 UPHA_T2	0	0	0	0	0	0	0.48	0.43	0	0	0	0	0	0
10/7/2023 11:50	67204 TEHI_T2	0	0	0	0	0	0	-0.16	-0.17	0	0	0	0	0	0
10/7/2023 11:51	67204 TEHI_T2	0	0	0	0	0	0	-0.16	-0.17	0	0	0	0	0	0
10/7/2023 11:51	64101 REFR_T1	0	0	0	0	0	0	0.06	0.09	0	0	0	0	0	0
10/7/2023 11:52	67203 TEHI_T1	1	1	0	0	0	0	0.92	0.92	1	1	0	900	900	0
10/7/2023 11:57	25402 LAHA_T2	0	0	0	0	0	0	-0.8	-0.8	0	0	0	0	0	0
10/7/2023 11:59	64503 LAVI_T1	0	0	0	0	0	0	-0.72	-0.85	1	1	0	1200	1200	0
10/7/2023 12:00	59301 MCAL_T1	104	260	156	0.88	0.62	-0.26	0	0	0	0	0	0	0	0
10/7/2023 12:00	21901 HUMB_T1	0	0	0	0	0	0	-2.22	-2.24	0	0	0	0	0	0
10/7/2023 12:01	64503 LAVI_T1	0	0	0	0	0	0	-0.72	-0.85	1	1	0	1200	1200	0
10/7/2023 12:02	65602 QVIL_T2	8	28	20	0.3	0.26	-0.04	0	0	0	0	0	0	0	0
10/7/2023 12:03	64503 LAVI_T1	0	0	0	0	0	0	-0.72	-0.85	1	1	0	1200	1200	0
10/7/2023 12:04	65602 QVIL_T2	8	28	20	0.3	0.26	-0.04	0	0	0	0	0	0	0	0
10/7/2023 12:05	14802 TREI_T2	0	0	0	0	0	0	0.34	0.35	0	0	0	0	0	0
10/7/2023 12:05	42002 MNVL_T2	1	1	0	1.4	1.3	-0.1	0	0	0	0	0	0	0	0
10/7/2023 12:08	14802 TREI_T2	0	0	0	0	0	0	0.34	0.35	0	0	0	0	0	0
10/7/2023 12:10	61001 DONV_T1	0	0	0	0	0	0	-0.16	-0.12	0	0	0	0	0	0
10/7/2023 12:13	25402 LAHA_T2	0	0	0	0	0	0	-0.8	-0.78	0	0	0	0	0	0
10/7/2023 12:14	63801 HEMP_T1	20	86	66	0.13	0.15	0.02	0	0	0	0	0	0	0	0
10/7/2023 12:14	52403 GRPA_T2	0	2	2	0	0.2	0.2	-0.09	-0.07	0	0	0	0	0	0
10/7/2023 12:15	63803 HEMP_T1	31	37	6	0.14	0.16	0.02	0	0	0	0	0	0	0	0
10/7/2023 12:15	52403 GRPA_T2	0	2	2	0	0.2	0.2	-0.09	-0.07	0	0	0	0	0	0
10/7/2023 12:16	52403 GRPA_T2	0	2	2	0	0.2	0.2	-0.18	-0.14	0	0	0	0	0	0
10/7/2023 12:16	21901 HUMB_T1	0	0	0	0	0	0	-2.24	-2.18	0	0	0	0	0	0
10/7/2023 12:20	42002 MNVL_T2	1	1	0	1.4	1.3	-0.1	0	0	0	0	0	0	0	0
10/7/2023 12:22	46004 BERW_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/7/2023 12:22	60305 TWVA_T2	0	0	0	0	0	0	-1.43	-1.43	2	2	0	2400	2400	0
10/7/2023 12:27	54505 ENOL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/7/2023 12:28	51604 DUKE_T2	0	0	0	0	0	0	-1.64	-1.66	1	1	0	900	900	0
10/7/2023 12:31	58402 MORO_T1	0	1	1	0	0.2	0.2	-1.33	-1.29	2	2	0	1500	1500	0
10/7/2023 12:32	52401 GRPA_T2	0	0	0	0	0	0	-0.59	-0.58	0	0	0	0	0	0
10/7/2023 12:33	58401 MORO_T1	0	1	1	0	0.6	0.6	0	0	0	0	0	0	0	0
10/7/2023 12:35	58401 MORO_T1	0	1	1	0	0.6	0.6	0	0	0	0	0	0	0	0
10/7/2023 12:36	66901 SHIL_T2	0	0	0	0	0	0	-1.53	-1.58	1	1	0	1200	1200	0
10/7/2023 12:37	44301 BEAV_T2	2	8	6	0.85	0.39	-0.46	0	0	0	0	0	0	0	0
10/7/2023 12:40	54505 ENOL_T2	1	1	0	0.5	0.6	0.1	0	0	0	0	0	0	0	0
10/7/2023 12:41	63803 HEMP_T1	37	0	-37	0.16	0	-0.16	0	0	0	0	0	0	0	0
10/7/2023 12:43	45003 LIME_2	1	1	0	4	4	0	0	0	1	1	0	1200	1200	0
10/7/2023 12:47	45001 LIME_2	6	25	19	0.13	0.12	-0.01	0	0	0	0	0	0	0	0
10/7/2023 12:51	64101 REFR_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/7/2023 12:53	44302 BEAV_T2	229	364	135	0.53	0.55	0.02	0.78	0.84	0	0	0	0	0	0
10/7/2023 12:54	44301 BEAV_T2	3	10	7	0.63	0.36	-0.27	0	0	0	0	0	0	0	0
10/7/2023 12:54	56802 BENV_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/7/2023 12:57	56603 HAMP_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/7/2023 12:58	40101 HUNT_T2	0	0	0	0	0	0	-1.32	-1.38	0	0	0	0	0	0
10/7/2023 12:58	52402 GRPA_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/7/2023 13:00	22901 HARW_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/7/2023 13:00	40101 HUNT_T2	0	0	0	0	0	0	-0.69	-0.7	0	0	0	0	0	0
10/7/2023 13:01	42002 MNVL_T2	1	1	0	1.4	1.3	-0.1	-0.78	-0.78	0	0	0	0	0	0
10/7/2023 13:02	42002 MNVL_T2	1	1	0	1.4	1.3	-0.1	0	0	0	0	0	0	0	0
10/7/2023 13:02	63203 MGTN_T1	0	0	0	0	0	0	-0.17	-0.19	1	1	0	600	600	0
10/7/2023 13:04	15604 NSTR_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/7/2023 13:05	67203 TEHI_T1	1	2	1	0	1.1	1.1	0.8	0.75	1	1	0	900	900	0
10/7/2023 13:12	46203 DANV_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/7/2023 13:17	42002 MNVL_T2	1	1	0	1.3	1.3	0	-0.78	-0.79	0	0	0	0	0	0
10/7/2023 13:18	42001 MNVL_T2	0	0	0	0	0	0	0.09	0.1	0	0	0	0	0	0
10/7/2023 13:19	64101 REFR_T1	0	0	0	0	0	0	0.09	0.14	0	0	0	0	0	0
10/7/2023 13:21	66901 SHIL_T2	0	1	1	0	0.1	0.1	-1.58	-1.6	1	1	0	1200	1200	0
10/7/2023 13:24	46001 BERW_T1	0	0	0	0	0	0	0.72	0.73	0	0	0	0	0	0
10/7/2023 13:26	46001 BERW_T1	0	0	0	0	0	0	0.72	0.73	0	0	0	0	0	0
10/7/2023 13:26	61001 DONV_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/7/2023 13:28	54505 ENOL_T2	1	1	0	0.6	0.7	0.1	0	0	0	0	0	0	0	0
10/7/2023 13:28	51604 DUKE_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/7/2023 13:29	54504 ENOL_T2	0	1	1	0	0.8	0.8	0	0	0	0	0	0	0	0
10/7/2023 13:29	64503 LAVI_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/7/2023 13:29	45802 HEGI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/7/2023 13:30	56802 BENV_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/7/2023 13:30	63601 LETO_T1	0	0	0	0	0	0	1.5	1.42	1	1	0	900	900	0
10/7/2023 13:30	53903 HAU_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/7/2023 13:33	64101 REFR_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/7/2023 13:33	52501 PROG_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/7/2023 13:36	46004 BERW_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/7/2023 13:37	67203 TEHI_T1	2	1	-1	1.1	0	-1.1	0.77	0.81	1	1	0	900	900	0
10/7/2023 13:38	67401 WAKE_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/7/2023 13:40	44301 BEAV_T2	10	10	0	0.46	0.44	-0.02	0	0	0	0	0	0	0	0
10/7/2023 13:41	56802 BENV_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/7/2023 13:41	44302 BEAV_T2	438	427	-11	0.58	0.6	0.02	0.54	0.56	0	0	0	0	0	0
10/7/2023 13:42	41502 FAIR_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/7/2023 13:42	61801 EELI_T2	2	2	0	0.5	0.5	0	-0.17	-0.15	0	0	0	0	0	0
10/7/2023 13:43	51604 DUKE_T2	2	2	0	0.45	0.55	0.1	-1.65	-1.67	1	1	0	900	900	0
10/7/2023 13:44	45003 LIME_2	1	1

Appendix C - Grid Benefits Achieved in Each Instance of Active Management

10/7/2023 14:11	43001 ALWD_T1	2	2	0	0.25	0.25	0	0	0	0	0	0	0	0	0
10/7/2023 14:11	41502 FAIR_T2	0	0	0	0	0	0	-3.38	-3.38	2	2	0	1800	1800	0
10/7/2023 14:12	44302 BEAV_T2	390	427	37	0.55	0.6	0.05	0.84	0.9	0	0	0	0	0	0
10/7/2023 14:12	52401 GRPA_T2	2	3	1	0.15	0.1	-0.05	-0.58	-0.59	0	0	0	0	0	0
10/7/2023 14:12	46203 DANV_T2	0	0	0	0	0	0	-0.15	-0.16	0	0	0	0	0	0
10/7/2023 14:12	41501 FAIR_T2	0	0	0	0	0	0	-1.68	-1.67	1	1	0	600	600	0
10/7/2023 14:14	52403 GRPA_T2	3	1	-2	0.37	0.4	0.03	-0.01	-0.01	0	0	0	0	0	0
10/7/2023 14:14	41801 GOCI_T2	0	151	151	0	0.28	0.28	0	0	0	0	0	0	0	0
10/7/2023 14:14	64702 LITI_T2	0	0	0	0	0	0	-0.74	-0.74	0	0	0	0	0	0
10/7/2023 14:15	58402 MORO_T1	0	0	0	0	0	0	-1.3	-1.32	2	2	0	1500	1500	0
10/7/2023 14:15	64701 LITI_T1	0	0	0	0	0	0	-1.19	-1.19	0	0	0	0	0	0
10/7/2023 14:15	41801 GOCI_T2	1	152	151	0.4	0.27	-0.13	0	0	0	0	0	0	0	0
10/7/2023 14:16	46203 DANV_T2	0	4	4	0	0.38	0.38	-0.16	-0.15	0	0	0	0	0	0
10/7/2023 14:16	52402 GRPA_T2	5	8	3	0.82	0.63	-0.19	0	0	0	0	0	0	0	0
10/7/2023 14:16	42002 MNVL_T2	1	1	0	1.6	1.5	-0.1	0	0	0	0	0	0	0	0
10/7/2023 14:17	64702 LITI_T2	0	0	0	0	0	0	-0.74	-0.74	0	0	0	0	0	0
10/7/2023 14:17	64701 LITI_T1	0	0	0	0	0	0	-1.19	-1.19	0	0	0	0	0	0
10/7/2023 14:18	64702 LITI_T2	0	0	0	0	0	0	-0.74	-0.74	0	0	0	0	0	0
10/7/2023 14:19	58402 MORO_T1	0	0	0	0	0	0	-1.3	-1.32	2	2	0	1500	1500	0
10/7/2023 14:20	58402 MORO_T1	0	0	0	0	0	0	-1.3	-1.32	2	2	0	1500	1500	0
10/7/2023 14:20	59101 WALK_T2	3	3	0	0.3	0.35	0.05	1.33	1.37	0	0	0	0	0	0
10/7/2023 14:20	54001 SDLE_T1	2	2	0	1	1.1	0.1	0	0	1	1	0	600	600	0
10/7/2023 14:21	45602 WOOL_T1	0	0	0	0	0	0	0.86	0.88	0	0	0	0	0	0
10/7/2023 14:21	54001 SDLE_T1	2	2	0	1	1.1	0.1	0	0	1	1	0	600	600	0
10/7/2023 14:21	59101 WALK_T2	3	3	0	0.3	0.35	0.05	1.33	1.37	0	0	0	0	0	0
10/7/2023 14:22	45602 WOOL_T1	0	0	0	0	0	0	0.43	0.44	0	0	0	0	0	0
10/7/2023 14:22	44302 BEAV_T2	412	401	-11	0.58	0.59	0.01	0.3	0.29	0	0	0	0	0	0
10/7/2023 14:22	59102 WALK_T2	1	3	2	0.5	0.5	0	0	0	0	0	0	0	0	0
10/7/2023 14:22	66901 SHIL_T2	1	15	14	0.1	0.12	0.02	-1.62	-1.63	1	1	0	1200	1200	0
10/7/2023 14:23	56801 BENV_T1	44	46	2	0.82	0.87	0.05	-1.6	-1.56	2	2	0	1200	1200	0
10/7/2023 14:23	44301 BEAV_T2	11	11	0	0.4	0.39	-0.01	0	0	0	0	0	0	0	0
10/7/2023 14:23	59102 WALK_T2	1	3	2	0.5	0.5	0	0	0	0	0	0	0	0	0
10/7/2023 14:23	15104 UPHA_T2	1	0	-1	9	0	-9	0	0	0	0	0	0	0	0
10/7/2023 14:23	56802 BENV_T2	1	1	0	1.1	1.1	0	-2.62	-2.64	0	0	0	0	0	0
10/7/2023 14:24	56802 BENV_T2	1	1	0	1.1	1.1	0	-1.31	-1.32	0	0	0	0	0	0
10/7/2023 14:24	51604 DUKE_T2	2	4	2	0.55	0.4	-0.15	-1.66	-1.65	1	1	0	900	900	0
10/7/2023 14:24	56801 BENV_T1	44	46	2	0.82	0.87	0.05	-0.8	-0.78	1	1	0	600	600	0
10/7/2023 14:25	56802 BENV_T2	1	1	0	1.1	1.1	0	-2.62	-2.64	0	0	0	0	0	0
10/7/2023 14:25	56801 BENV_T1	0	2	2	0	0.1	0.1	0	0	0	0	0	0	0	0
10/7/2023 14:25	51604 DUKE_T2	2	4	2	0.55	0.4	-0.15	-1.66	-1.65	1	1	0	900	900	0
10/7/2023 14:26	41801 GOCI_T2	1	152	151	0.4	0.27	-0.13	0	0	0	0	0	0	0	0
10/7/2023 14:26	61803 EELI_T2	1	1	0	0.6	0.9	0.3	0	0	0	0	0	0	0	0
10/7/2023 14:26	56801 BENV_T1	44	46	2	0.82	0.87	0.05	-0.8	-0.78	1	1	0	600	600	0
10/7/2023 14:27	52401 GRPA_T2	1	2	1	0.1	0.15	0.05	-0.59	-0.58	0	0	0	0	0	0
10/7/2023 14:27	52403 GRPA_T2	1	2	1	0.4	0.45	0.05	-0.01	-0.01	0	0	0	0	0	0
10/7/2023 14:27	41801 GOCI_T2	1	152	151	0.4	0.27	-0.13	0	0	0	0	0	0	0	0
10/7/2023 14:27	44301 BEAV_T2	11	11	0	0.4	0.39	-0.01	0	0	0	0	0	0	0	0
10/7/2023 14:27	56802 BENV_T2	1	1	0	1.1	1.1	0	-1.31	-1.32	0	0	0	0	0	0
10/7/2023 14:27	61001 DONV_T1	0	0	0	0	0	0	-0.06	-0.04	0	0	0	0	0	0
10/7/2023 14:27	56801 BENV_T1	44	46	2	0.82	0.87	0.05	-1.6	-1.56	2	2	0	1200	1200	0
10/7/2023 14:28	40702 FFLD_T1	205	214	9	0.51	0.54	0.03	-1.29	-1.28	1	1	0	1200	1200	0
10/7/2023 14:28	45802 HEGI_T2	0	0	0	0	0	0	0.44	0.51	0	0	0	0	0	0
10/7/2023 14:28	23901 EFMO_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/7/2023 14:29	64503 LAVI_T1	0	0	0	0	0	0	-0.83	-0.82	1	1	0	1200	1200	0
10/7/2023 14:30	41801 GOCI_T2	150	129	-21	0.28	0.42	0.14	0	0	0	0	0	0	0	0
10/7/2023 14:30	64502 LAVI_T1	0	2	2	0	0.35	0.35	0	0	0	0	0	0	0	0
10/7/2023 14:31	52004 LING_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/7/2023 14:31	53901 HALI_T2	1	2	1	0.8	0.55	-0.25	0	0	0	0	0	0	0	0
10/7/2023 14:31	64503 LAVI_T1	0	0	0	0	0	0	-0.83	-0.82	1	1	0	1200	1200	0
10/7/2023 14:31	58402 MORO_T1	0	0	0	0	0	0	-1.32	-1.33	2	2	0	1500	1500	0
10/7/2023 14:32	52401 GRPA_T2	2	3	1	0.1	0.3	0.2	0	0	0	0	0	0	0	0
10/7/2023 14:32	42002 MNVL_T2	1	1	0	1.5	1.5	0	0	0	0	0	0	0	0	0
10/7/2023 14:33	52004 LING_T2	4	2	-2	0.78	0.4	-0.38	0.18	0.19	0	0	0	0	0	0
10/7/2023 14:33	64101 REFR_T1	2	2	0	0.75	0.85	0.1	0.13	0.14	0	0	0	0	0	0
10/7/2023 14:34	52503 PROG_T2	0	1	1	0	0.2	0.2	0	0	0	0	0	0	0	0
10/7/2023 14:34	58401 MORO_T1	1	1	0	0.1	0.8	0.7	0	0	0	0	0	0	0	0
10/7/2023 14:34	64101 REFR_T1	2	2	0	0.75	0.85	0.1	0.4	0.43	0	0	0	0	0	0
10/7/2023 14:35	64101 REFR_T1	2	2	0	0.75	0.85	0.1	0.13	0.14	0	0	0	0	0	0
10/7/2023 14:35	52403 GRPA_T2	1	2	1	0.2	0.4	0.2	-0.01	-0.02	0	0	0	0	0	0
10/7/2023 14:35	58402 MORO_T1	0	0	0	0	0	0	-1.32	-1.33	2	2	0	1500	1500	0
10/7/2023 14:36	44902 SCOT_T2	0	1	1	0	0.1	0.1	-0.89	-0.91	0	0	0	0	0	0
10/7/2023 14:37	52503 PROG_T2	0	1	1	0	0.2	0.2	0	0	0	0	0	0	0	0
10/7/2023 14:37	23401 HONE_T2	0	1	1	0	0.1	0.1	0.01	-0.03	0	0	0	0	0	0
10/7/2023 14:37	56803 BENV_T1	0	2	2	0	0.35	0.35	0	0	0	0	0	0	0	0
10/7/2023 14:37	64101 REFR_T1	2	2	0	0.75	0.85	0.1	0.26	0.29	0	0	0	0	0	0
10/7/2023 14:38	60803 BUCK_T1	1	0	-1	0.1	0	-0.1	-1	-0.92	1	1	0	600	600	0
10/7/2023 14:38	56802 BENV_T2	1	1	0	1.1	1.1	0	-3.96	-3.99	0	0	0	0	0	0
10/7/2023 14:38	56803 BENV_T1	0	2	2	0	0.35	0.35	0	0	0	0	0	0	0	0
10/7/2023 14:38	44302 BEAV_T2	392	352	-40	0.59	0.57	-0.02	0.29	0.3	0	0	0	0	0	0
10/7/2023 14:38	15103 UPHA_T2	0	0	0	0	0	0	0.37	0.41	0	0	0	0	0	0
10/7/2023 14:39	67401 WAKE_T2	2	1	-1	0.3	0.4	0.1	-0.88	-0.89	0	0	0	0	0	0
10/7/2023 14:39	56802 BENV_T2	1	1	0	1.1	1.1	0	-2.64	-2.66	0	0	0	0	0	0
10/7/2023 14:39	60803 BUCK_T1	1	0	-1	0.1	0	-0.1	-1	-0.92	1	1	0	600	600	0
10/7/2023 14:39	56801 BENV_T1	46	39	-7	0.86	0.84	-0.02	-0.78	-0.78	1	1	0	600	600	0
10/7/2023 14:40	56803 BENV_T1	0	2	2	0	0.35	0.35	0	0	0	0	0	0	0	0
10/7/2023 14:40	56802 BENV_T2	1	1	0	1.1	1.1	0	-1.32	-1.33	0	0	0	0	0	0
10/7/2023 14:40	23401 HONE_T2	0	1	1	0	0.1	0.1	0.01	-0.03	0	0	0	0	0	0
10/7/2023 14:41	61304 EARL_T1	17	36	19	0.15	0.21	0.06	-0.87	-0.86	1	1	0	600	600	0
10/7/2023 14:41	61803 EELI_T2	1	1	0	0.9	0.6	-0.3	0	0	0	0	0	0	0	0
10/7/2023 14:41	46001 BERW_T1	0	0	0	0	0	0	0.71	0.74	0	0	0	0	0	0
10/7/2023 14:41	56801 BENV_T1	46	39	-7	0.86	0.84	-0.02	-0.78	-0.78	1	1	0	600	600	0
10/7/2023 14:42	41801 GOCI_T2	150	129	-21	0.28	0.42	0.14	0	0	0	0	0	0	0	0
10/7/2023 14:42	63203 MGTN_T1	0	0	0	0	0	0	-0.16	-0.18	1	1	0	600	600	0
10/7/2023 14:42	23901 EFMO_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/7/2023 14:42	52403 GRPA_T2	1	2	1	0.2	0.4	0.2	-0.01	-0.02	0	0	0	0	0	0
10/7/2023 14:42	46001 BERW_T1	0	0	0	0	0	0	0.71	0.74	0	0	0	0	0	0
10/7/2023 14:42	56803 BENV_T1	0	2	2	0	0.35	0.35	0	0	0	0	0	0	0	0
10/7/2023 14:42	56802 BENV_T2	1	1	0	1.1	1.1	0	-1.32	-1.33	0	0	0	0	0	0
10/7/2023 14:43	40101 HUNT_T2	0	0	-1	0.3	0	-0.3	-1.26	-1.34	0	0	0	0	0	0
10/7/2023 14:43	61001 DONV_T1	0	0	0	0	0	0	-0.04	-0.06	0	0	0	0	0	0
10/7/2023 14:44	41501 FAIR_T2	0	5	5	0	0.1	0.1	-1.67	-1.66	1	1	0	600	600	0
10/7/2023 14:44	63601 LETO_T1	0	0	0	0	0	0	1.3	1.41	1	1	0	900	900	0
10/7/2023 14:44	40701 FFLD_T1	53	43	-10	0.37	0.44	0.07	0	0	0	0	0	0	0	0
10/7/2023 14:44	64502 LAVI_T1	0	2	2	0	0.35	0.35	0	0	0	0	0	0	0	0
10/7/2023 14:45	42802 SELI_T1	0	0	0	0	0	0	-1.18	-1.1	0	0	0	0	0	0
10/7/2023 14:45	42903 MIDD_T2	90	84	-6	0.39	0.38	-0.01	0	0	0	0	0	0	0	0
10/7/2023 14:45	41801 GOCI_T2	13	128	115	0.14	0.43	0.29	0	0	0	0	0	0	0	0
10/7/2023 14:45	64503 LAVI_T1	0	0	0	0	0	0	-0.82	-0.83	1	1	0	1200	1200	0
10/7/2023 14:45	40101 HUNT_T2	0	1	1	0	0.1	0.1	-0.67	-0.68	0	0	0	0	0	0
10/7/2023 14:46	12701 MACU_T1	0	0	0	0	0	0	0.06	0.06	0	0	0	0	0	0
10/7/2023 14:46	53903 HALI_T2	3	2	-1	0.5	0.75	0.25	-0.05	-0.04	0	0	0	0	0	0
10/7/2023 14:46	42001 MNVL_T2	2	3	1	0.1	0.47	0.37	0	0	0	0	0	0	0	0
10/7/2023 14:46	52401 GRPA_T2	2	3	1	0.15	0.3	0.15	0	0	0	0	0	0	0	0
10/7/2023 14:46	42801 SELI_T1	1	0	-1	0.1	0	-0.1	0	0	0	0	0	0	0	0
10/7/2023 14:47	64503 LAVI_T1	0	0	0	0	0	0	-0.82	-0.83	1	1	0	1200	1200	0
10/7/2023 14:47	42002 MNVL_T2	1	1	0	1.5	1.5	0	0	0	0	0	0	0	0	0
10/7/2023 14:47	42801 SELI_T1	1	0	-1	0.1	0	-0.1	0	0	0	0	0	0	0	0
10/7/2023 14:47	52502 PROG_T2	0	0	0	0	0	0	-0.68	-0.65	1	1	0	900	900	0
10/7/2023 14:47	64101 REFR_T1	2	1	-1	0.85	1.4	0.55	0.14	0.15	0	0	0	0	0	0
10/7/2023 14:48	66901 SHIL_T2	14	131	117	0.12	0.18	0.06	-1.61	-1.67	1	1	0	1200	1200	0
10/7/2023 14:48	13704 SCHN_T2	6	6	0	0.33	0.23	-0.1	-0.36	-0.35	0	0	0	0	0	0
10/7/2023 14:48	42801 SELI_T1	1	0	-1	0.1	0	-0.1	0	0	0	0	0	0	0	0
10/7/2023 14:48	44802 EDAN_T2	0	0	0	0	0	0	-2.07	-2.06	1	1	0	1200	1200	0
10/7/2023 14:49	52502 PROG_T2	0	0	0	0	0	0	-0.68	-0.65	1	1	0	900	900	0
10/7/2023 14:49	44802 EDAN_T2	0	0	0	0	0	0	-4.14	-4.12	2	2	0	2400	2400	0
10/7/2023 14:49	64101 REFR_T1	2	1	-1	0.85	1.4	0.55	0.43	0.46	0	0	0	0	0	0
10/7/2023 14:50	66504 SMAN_T2	0	1	1	0	0	0	0	0	0	0	0	0	0	0
10/7/2023 14:50	67201 TEHI_T1	0	1	1	0	0.1	0.1	0	0	0	0	0	0	0	0
10/7/2023 14:50	64101 REFR_T1	2	1	-1	0.85	1.4	0.55	0.14	0.15	0	0	0	0	0	0
10/7/2023 14:51	65002 NEFF_T2	0	1	1	0	0	0	0	0	0	0	0	0	0	0
10/7/2023 14:51	64101 REFR_T1	2	1	-1	0.85	1.4	0.55	0.14	0.15	0	0	0	0	0	0
10/7/2023 14:52	66703 STRA_T1	5	12	7	0.36	0.38	0.02	-0.07	-0.09	0	0	0	0	0	0
10/7/2023 14:52	64101 REFR_T1	2	1	-1	0.85	1.4	0.55	0.14	0.15	0	0	0	0	0	0
10/7/2023 14:53	67501 WEWI_T1	1	0	-1	0.2	0	-0.2	-1.04	-0.9	0	0	0	0	0	0
10/7/2023 14:54	67605 WARW_T1	15	14	-1	0.43	0.4	-0.03	-1.16	-1.1	0	0	0	0	0	0
10/7/2023 14:58	64305 LINC_T1	2	2	0	0.2	0.35	0.15	0	0	0	0	0	0	0	0
10/7/2023 14:59	52006 LING_T2	2	3	1	0.5	0.53	0.03	0	0	0	0	0	0	0	0
10/7/2023 14:59	21901 HUMB_T1	0	0	0	0	0	0	-2.16	-2.21	0	0	0	0	0	0
10/7/2023 14:59	40101 HUNT_T2	0	1	1	0	0.1	0.1	-0.68	-0.67	0	0	0	0	0	0
10/7/2023 15:04	49803 UNIV_T1	2	1	-1	0.2	0.2	0	0.29	0.26	0	0	0	0	0	0
10/7/2023 15:05	64101 REFR_T1	1	1	0	0.2	1.4	1.2	0.15	0.1	0	0	0	0	0	0
10/7/2023 15:07	65003 NEFF_T2	16	17	1	0.23	0.21	-0.02	0	0	0	0	0	0	0	0
10/7/2023 15:08	66703 STRA_T1	8	11	3	0.44	0.38	-0.06	-0.09	-0.13	0	0	0	0	0	0
10/7/2023 15:09	46203 DANV_T2	6	4	-2	0.6	0.3	-0.3	-0.14	-0.13	0	0	0	0	0	0
10/7/2023 15:10	46203 DANV_T2	6	4	-2	0.6	0.3	-0.3	-0.14	-0.13	0	0	0	0	0	0
10/7/2023 15:14	45001 LIME_2	1	0	-1	0.1	0	-0.1	0	0	0	0	0	0	0	0
10/7/2023 15:14	41801 GOCI_T2	128	91	-37	0.43	0.24	-0.19	0	0	0	0	0	0	0	0
10/7/2023 15:14	40101 HUNT_T2	0	1	1	0	0.1	0.1	-0.67	-0.67	0	0	0	0	0	0
10/7/2023 15:14	64305 LINC_T1	2	2	0	0.35	0.2	-0.15	0	0	0	0	0	0	0	0
10/7/2023 15:16	45003 LIME_2	1	1	0	4	4.3	0.3	0	0	1	1	0	1200	1200	0
10/7/2023 15:19	64801 MONE_T2	1	1	0	0.7	0.5	-0.2	0.33	0.3	0	0	0	0	0	0
10/7/2023 15:20	13701 SCHN_T2	0	1	1	0	0.1	0.1	0	0	0	0	0	0	0	0
10/7/2023 15:22	59101 WALK_T2	1	1	0	0	0	0	1.37	1.38	0	0	0	0	0	0
10/7/2023 15:24	52402 GRPA_T2	5	4	-1	0.82	0.95	0.13	0	0	0	0	0	0	0	0
10/7/2023 15:25	59101 WALK_T2	1	1	0	0	0	0	1.37	1.38	0	0	0	0	0	0
10/7/2023 15:29	52402 GRPA_T2	5	4	-1	0.82	0.95	0.13	0	0	0	0	0	0	0	0
10/7/2023 15:29	45003 LIME_2	1	1	0	4	4.3	0.3	0	0	1	1	0	1200	1200	0
10/7/2023 15:31	52402 GRPA_T2	4	3	-1	0.9	1.27	0.37	0	0	0	0	0	0	0	0
10/7/2023 15:32	45003 LIME_2	1	1	0	4.3	4.3	0	0	0	1	1	0	1200	1200	0
10/7/2023 15:35	59101 WALK_T2	1	1	0	0	0	0	1.38	1.41	0	0	0	0	0	0
10/7/2023 15:36	59101 WALK_T2	1	1	0	0	0	0	1.38	1.41	0	0	0	0	0	0
10/7/2023 15:37	59101 WALK_T2	1	1	0	0	0	0	1.38	1.41	0	0	0	0	0	0
10/7/2023 15:39	59101 WALK_T2	1	1	0	0	0	0	1.38	1.41	0	0	0	0	0	0
10/7/2023 15:39	43001 ALWD_T1	1	0	-1	0.1	0	-0.1	0	0	0	0	0	0	0	0
10/7/2023 15:40	43001 ALWD_T1	1	0	-1	0.1	0	-0.1	0	0	0	0	0	0	0	0
10/7/2023 15:45	64303 LINC_T1	0	0	0	0	0	0	-0.17	-0.17	0	0	0	0	0	0
10/7/2023 15:46	45003 LIME_2	1	1	0	4	4.3	0.3	0	0	1	1	0	1200	1200	0
10/7/2023 15:52	64101 REFR_T1	1	1	0	1.5	0.2	-1.3	0.15	0.11	0	0	0	0	0	0
10/7/2023 15:53	23401 HONE_T2	1	0	-1	0.2	0	-0.2	0.01	-0.02	0	0	0	0	0	0
10/7/2023 16:02	64802 MONE_T2	0	0	0	0	0	0	0.26	0.25	0	0	0	0	0	0
10/7/2023 16:15	40101 HUNT_T2	0	0	0	0	0	0	-0.69	-0.67	0	0	0	0	0	0
10/7/2023 16:23	14401 SSLA_T1	1	1	0	1.1	0.3	-0.8	0	0	0	0	0	0	0	0
10/7/2023 16:24	14403 SSLA_T1	0	0	0	0	0	0	0.78	0.76	0	0	0	0	0	0
10/7/2023 16:28	52402 GRPA_T2	3	5	2	1.27	0.92	-0.35	0	0	0	0	0	0	0	0
10/7/2023 16:32	59402 RFLD_T2	68	96	28	0.42	0.45	0.03	-1.59	-1.61	0	0	0	0	0	0
10/7/2023 16:36	27502 WEIS_T2	0	0	0	0	0	0	-0.06	-0.1	0	0	0	0	0	0
10/7/2023 16:37	59402 RFLD_T2	68	96	28	0.42	0.45	0.03	-1.59	-1.61	0	0	0	0	0

Appendix C - Grid Benefits Achieved in Each Instance of Active Management

10/7/2023 20:34	45602 WOOL_T1	0	3	3	0	0.13	0.13	0.4	0.4	0	0	0	0	0	0
10/7/2023 20:34	44902 SCOT_T2	37	182	145	0.12	0.19	0.07	0	0	0	0	0	0	0	0
10/7/2023 20:34	26401 INOR_T1	0	0	0	0	0	0	0.23	0.23	0	0	0	0	0	0
10/7/2023 20:34	41502 FAIR_T2	0	0	0	0	0	0	-0.68	-0.69	0	0	0	0	0	0
10/7/2023 20:34	13501 MCMI_T1	0	0	0	0	0	0	0.3	0.29	0	0	0	0	0	0
10/7/2023 20:34	61304 EARL_T1	19	144	125	0.17	0.27	0.1	0	0	0	0	0	0	0	0
10/7/2023 20:34	61001 DONV_T1	0	1	1	0	0	0	-0.24	-0.16	0	0	0	0	0	0
10/7/2023 20:35	45902 AUBU_T1	0	0	0	0	0	0	-0.56	-0.57	0	0	0	0	0	0
10/7/2023 20:35	16302 ALPA_T2	0	0	0	0	0	0	0.5	0.51	0	0	0	0	0	0
10/7/2023 20:35	49804 UNIV_T1	1	2	1	0.2	0.1	-0.1	0	0	0	0	0	0	0	0
10/7/2023 20:35	12701 MACU_T1	0	0	0	0	0	0	0.04	0.03	0	0	0	0	0	0
10/7/2023 20:36	44802 EDAN_T2	0	0	0	0	0	0	-0.89	-0.88	0	0	0	0	0	0
10/7/2023 20:36	12701 MACU_T1	0	0	0	0	0	0	0.08	0.06	0	0	0	0	0	0
10/7/2023 20:36	45901 AUBU_T1	0	0	0	0	0	0	0.93	0.99	0	0	0	0	0	0
10/7/2023 20:36	64503 LAVI_T1	0	0	0	0	0	0	-0.83	-0.88	1	1	0	1200	1200	0
10/7/2023 20:36	45901 AUBU_T1	0	0	0	0	0	0	0.93	0.99	0	0	0	0	0	0
10/7/2023 20:36	44901 SCOT_T2	14	38	24	0.2	0.22	0.02	-0.55	-0.54	0	0	0	0	0	0
10/7/2023 20:36	67502 WEWI_T2	222	304	82	0.26	0.31	0.05	-1.54	-1.55	1	1	0	900	900	0
10/7/2023 20:37	64702 LITI_T2	0	0	0	0	0	0	-1.76	-1.62	0	0	0	0	0	0
10/7/2023 20:38	43001 ALWD_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/7/2023 20:38	56603 HAMP_T1	51	93	42	0.15	0.25	0.1	0	0	0	0	0	0	0	0
10/7/2023 20:38	64503 LAVI_T1	0	0	0	0	0	0	-0.83	-0.88	1	1	0	1200	1200	0
10/7/2023 20:38	23401 HONE_T2	0	0	0	0	0	0	-0.01	0	0	0	0	0	0	0
10/7/2023 20:38	13503 MCMI_T2	0	0	0	0	0	0	-0.04	-0.01	0	0	0	0	0	0
10/7/2023 20:38	66505 SMAN_T2	3	3	0	0.67	1.1	0.43	-0.35	-0.22	1	1	0	900	900	0
10/7/2023 20:38	60701 BREC_T1	0	0	0	0	0	0	0.07	0.06	0	0	0	0	0	0
10/7/2023 20:38	16301 ALPA_T1	7	188	181	0.2	0.2	0	-0.45	-0.46	0	0	0	0	0	0
10/7/2023 20:39	61304 EARL_T1	19	144	125	0.17	0.27	0.1	0	0	0	0	0	0	0	0
10/7/2023 20:39	14403 SSLA_T1	0	0	0	0	0	0	0.7	0.71	0	0	0	0	0	0
10/7/2023 20:39	67502 WEWI_T2	222	304	82	0.26	0.31	0.05	0	0	0	0	0	0	0	0
10/7/2023 20:39	45702 LIND_T2	0	1	1	0	0.3	0.3	-0.54	-0.56	0	0	0	0	0	0
10/7/2023 20:39	16302 ALPA_T2	0	0	0	0	0	0	0.5	0.51	0	0	0	0	0	0
10/7/2023 20:39	45602 WOOL_T1	0	3	3	0	0.13	0.13	0.4	0.4	0	0	0	0	0	0
10/7/2023 20:39	46001 BERW_T1	0	0	0	0	0	0	0.6	0.59	0	0	0	0	0	0
10/7/2023 20:40	66504 SMAN_T2	0	0	0	0	0	0	-0.6	-0.49	0	0	0	0	0	0
10/7/2023 20:40	60801 BUCK_T1	0	17	17	0	0.12	0.12	0	0	0	0	0	0	0	0
10/7/2023 20:40	44802 EDAN_T2	0	0	0	0	0	0	-0.89	-0.88	0	0	0	0	0	0
10/7/2023 20:40	62604 ENGL_T1	0	0	0	0	0	0	-0.41	-0.48	1	1	0	600	600	0
10/7/2023 20:40	28805 LAKE_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/7/2023 20:40	16301 ALPA_T1	7	188	181	0.2	0.2	0	-0.45	-0.46	0	0	0	0	0	0
10/7/2023 20:40	44601 SALE_T2	1	1	0	0.8	1	0.2	-0.09	-0.08	0	0	0	0	0	0
10/7/2023 20:40	21901 HUMB_T1	0	0	0	0	0	0	-2.22	-2.19	0	0	0	0	0	0
10/7/2023 20:40	67502 WEWI_T2	222	304	82	0.26	0.31	0.05	-3.08	-3.11	2	2	0	1800	1800	0
10/7/2023 20:40	15001 BLMO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/7/2023 20:41	46001 BERW_T1	0	0	0	0	0	0	0.6	0.59	0	0	0	0	0	0
10/7/2023 20:41	58003 WCAR_T1	275	441	166	0.18	0.26	0.08	0.56	0.56	0	0	0	0	0	0
10/7/2023 20:41	52002 LING_T2	1	1	0	1.4	1.8	0.4	0	0	0	0	0	0	0	0
10/7/2023 20:41	14403 SSLA_T1	0	0	0	0	0	0	0.7	0.71	0	0	0	0	0	0
10/7/2023 20:41	63401 HONY_T1	1	1	0	0.1	0.1	0	0.21	0.23	0	0	0	0	0	0
10/7/2023 20:41	23401 HONE_T2	0	0	0	0	0	0	-0.01	0	0	0	0	0	0	0
10/7/2023 20:41	15001 BLMO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/7/2023 20:41	46203 DANV_T2	0	3	3	0	0.1	0.1	-0.16	-0.19	0	0	0	0	0	0
10/7/2023 20:42	28403 HART_T2	0	0	0	0	0	0	-0.66	-0.65	1	1	0	900	900	0
10/7/2023 20:42	67502 WEWI_T2	222	304	82	0.26	0.31	0.05	0	0	0	0	0	0	0	0
10/7/2023 20:42	53903 HALI_T2	2	2	0	0.6	0.55	-0.05	-0.09	-0.09	0	0	0	0	0	0
10/7/2023 20:42	40101 HUNT_T2	0	0	0	0	0	0	-0.76	-0.78	0	0	0	0	0	0
10/7/2023 20:42	66505 SMAN_T2	3	3	1	0.67	1.1	0.43	-0.35	-0.22	1	1	0	900	900	0
10/7/2023 20:42	63601 LETO_T1	0	0	0	0	0	0	1.08	1.04	1	1	0	900	900	0
10/7/2023 20:42	66901 SHIL_T2	32	41	9	0.15	0.15	0	-1.77	-1.75	1	1	0	1200	1200	0
10/7/2023 20:42	41801 GOCI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/7/2023 20:42	56802 BENV_T2	1	14	13	1	0.19	-0.81	-1.51	-1.54	0	0	0	0	0	0
10/7/2023 20:42	26603 BROO_T1	0	0	0	0	0	0	0.12	0.12	0	0	0	0	0	0
10/7/2023 20:43	65003 NEFF_T2	22	4	-18	0.13	0.3	0.17	0	0	0	0	0	0	0	0
10/7/2023 20:43	62605 ENGL_T1	0	1	1	0	0.1	0.1	0	0	0	0	0	0	0	0
10/7/2023 20:43	64101 REFR_T1	0	0	0	0	0	0	0.03	-0.01	0	0	0	0	0	0
10/7/2023 20:43	46801 HEPB_T2	2	3	1	0.95	0.63	-0.32	0.56	0.59	0	0	0	0	0	0
10/7/2023 20:43	60803 BUCK_T1	0	2	2	0	0.1	0.1	-0.99	-0.94	1	1	0	600	600	0
10/7/2023 20:43	48302 ORWI_T2	2	2	0	0.35	0.45	0.1	-0.11	-0.11	0	0	0	0	0	0
10/7/2023 20:43	60801 BUCK_T1	0	17	17	0	0.12	0.12	-0.19	-0.22	0	0	0	0	0	0
10/7/2023 20:43	67502 WEWI_T2	222	304	82	0.26	0.31	0.05	0	0	0	0	0	0	0	0
10/7/2023 20:43	59202 THOM_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/7/2023 20:43	44902 SCOT_T2	37	182	145	0.12	0.19	0.07	-0.86	-0.91	0	0	0	0	0	0
10/7/2023 20:43	58402 MORO_T1	0	0	0	0	0	0	-1.32	-1.35	2	2	0	1500	1500	0
10/7/2023 20:43	15001 BLMO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/7/2023 20:44	67502 WEWI_T2	222	304	82	0.26	0.31	0.05	-1.55	-0.57	1	0	-1	900	0	-900
10/7/2023 20:44	42001 MNVL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/7/2023 20:44	63404 HONY_T1	206	241	35	0.94	0.87	-0.07	0	0	0	0	0	0	0	0
10/7/2023 20:44	60801 BUCK_T1	0	17	17	0	0.12	0.12	-0.22	-0.21	0	0	0	0	0	0
10/7/2023 20:44	42802 SELI_T1	0	1	1	0	0.1	0.1	-1.39	-1.35	0	0	0	0	0	0
10/7/2023 20:44	64101 REFR_T1	0	0	0	0	0	0	-0.01	0.04	0	0	0	0	0	0
10/7/2023 20:44	67501 WEWI_T1	0	0	0	0	0	0	-0.6	-0.62	0	0	0	0	0	0
10/7/2023 20:44	56801 BENV_T1	20	31	11	0.52	0.81	0.29	-0.84	-0.85	1	1	0	600	600	0
10/7/2023 20:44	41501 FAIR_T2	0	0	0	0	0	0	-1.73	-1.73	1	1	0	600	600	0
10/7/2023 20:44	59402 RFLD_T2	64	147	83	0.41	0.5	0.09	-0.83	-0.82	0	0	0	0	0	0
10/7/2023 20:44	64801 MONE_T2	1	1	0	0.3	0.6	0.3	0.28	0.28	0	0	0	0	0	0
10/7/2023 20:45	43202 MVIL_T2	62	61	-1	0.32	0.35	0.03	-0.73	-0.74	0	0	0	0	0	0
10/7/2023 20:45	67503 WEWI_T2	0	0	0	0	0	0	-0.43	-0.42	0	0	0	0	0	0
10/7/2023 20:45	20401 ASHF_T2	1	2	1	0.1	0.15	0.05	0	0	0	0	0	0	0	0
10/7/2023 20:45	67605 WARW_T1	14	16	2	0.37	0.46	0.09	-1.24	-1.26	0	0	0	0	0	0
10/7/2023 20:45	62606 ENGL_T1	4	0	-4	0.13	0	-0.13	0	0	0	0	0	0	0	0
10/7/2023 20:45	59101 WALK_T2	1	1	0	0	0	0	1.25	1.09	0	0	0	0	0	0
10/7/2023 20:45	61304 EARL_T1	52	143	91	0.24	0.27	0.03	0	0	0	0	0	0	0	0
10/7/2023 20:45	60701 BREC_T1	0	0	0	0	0	0	0.06	0.07	0	0	0	0	0	0
10/7/2023 20:45	23401 HONE_T2	0	0	0	0	0	0	0	-0.01	0	0	0	0	0	0
10/7/2023 20:45	46803 HEPB_T2	0	1	1	0	0.1	0.1	0	0	0	0	0	0	0	0
10/7/2023 20:45	59301 MCAL_T1	135	309	174	0.68	0.63	-0.05	0	0	0	0	0	0	0	0
10/7/2023 20:45	56801 BENV_T1	26	35	9	0.6	0.94	0.34	-1.68	-1.7	2	2	0	1200	1200	0
10/7/2023 20:45	12701 MACU_T1	0	0	0	0	0	0	0.03	0.03	0	0	0	0	0	0
10/7/2023 20:45	46203 DANV_T2	1	5	4	0.1	0.1	0	-0.19	-0.17	0	0	0	0	0	0
10/7/2023 20:45	67501 WEWI_T1	0	0	0	0	0	0	-0.6	-0.62	0	0	0	0	0	0
10/7/2023 20:46	13704 SCHN_T2	13	5	-8	0.18	0.3	0.12	-0.83	-0.83	0	0	0	0	0	0
10/7/2023 20:46	44302 BEAV_T2	329	386	57	0.69	0.76	0.07	0.24	0.23	0	0	0	0	0	0
10/7/2023 20:46	56802 BENV_T2	8	66	58	0.24	0.16	-0.08	-1.54	-1.52	0	0	0	0	0	0
10/7/2023 20:46	40701 FFLD_T1	71	73	2	0.63	0.71	0.08	0	0	0	0	0	0	0	0
10/7/2023 20:46	64101 REFR_T1	0	0	0	0	0	0	-0.01	0.04	0	0	0	0	0	0
10/7/2023 20:46	67401 WAKE_T2	0	0	0	0	0	0	-0.92	-0.91	0	0	0	0	0	0
10/7/2023 20:46	45802 HEGI_T2	0	4	4	0	0.2	0.2	0.28	0.27	0	0	0	0	0	0
10/7/2023 20:46	15103 UPHA_T2	5	118	113	0.1	0.13	0.03	0.36	0.36	0	0	0	0	0	0
10/7/2023 20:46	43202 MVIL_T2	62	61	-1	0.32	0.35	0.03	-0.73	-0.74	0	0	0	0	0	0
10/7/2023 20:47	66505 SMAN_T2	3	3	0	1.07	1.33	0.26	0	0	0	0	0	0	0	0
10/7/2023 20:47	59101 WALK_T2	1	1	0	0	0	0	1.25	1.09	0	0	0	0	0	0
10/7/2023 20:47	64101 REFR_T1	0	0	0	0	0	0	-0.01	0.04	0	0	0	0	0	0
10/7/2023 20:47	51604 DUKE_T2	18	23	5	0.18	0.19	0.01	-1.72	-1.73	1	1	0	900	900	0
10/7/2023 20:47	49803 UNIV_T1	2	4	2	0.1	0.1	0	0.17	0.17	0	0	0	0	0	0
10/7/2023 20:47	61801 EELI_T2	2	2	0	0.95	1.15	0.2	-0.41	-0.42	0	0	0	0	0	0
10/7/2023 20:47	23901 EFMD_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/7/2023 20:47	52502 PROG_T2	0	0	0	0	0	0	-0.77	0.23	1	0	-1	900	0	-900
10/7/2023 20:47	42802 SELI_T1	0	5	5	0	0.16	0.16	-1.39	-1.35	0	0	0	0	0	0
10/7/2023 20:48	42802 SELI_T1	0	5	5	0	0.16	0.16	-2.78	-2.7	0	0	0	0	0	0
10/7/2023 20:48	64501 LAVI_T1	1	1	0	9.8	10	0.2	0	0	0	0	0	0	0	0
10/7/2023 20:48	56801 BENV_T1	26	35	9	0.6	0.94	0.34	-0.84	-0.85	1	1	0	600	600	0
10/7/2023 20:49	56801 BENV_T1	26	35	9	0.6	0.94	0.34	-0.84	-0.85	1	1	0	600	600	0
10/7/2023 20:49	42903 MIDD_T2	119	142	23	0.56	0.63	0.07	0	0	0	0	0	0	0	0
10/7/2023 20:49	66703 STRA_T1	23	169	146	0.36	0.25	-0.11	-0.36	-0.38	0	0	0	0	0	0
10/7/2023 20:49	43304 WATS_T2	0	0	0	0	0	0	-0.73	-0.73	0	0	0	0	0	0
10/7/2023 20:49	41801 GOCI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/7/2023 20:49	64101 REFR_T1	0	0	0	0	0	0	-0.01	0.04	0	0	0	0	0	0
10/7/2023 20:49	64305 LINC_T1	0	0	0	0	0	0	-0.63	-0.66	0	0	0	0	0	0
10/7/2023 20:49	42802 SELI_T1	0	5	5	0	0.16	0.16	-1.39	-1.35	0	0	0	0	0	0
10/7/2023 20:49	61304 EARL_T1	52	143	91	0.24	0.27	0.03	-1.02	-1.03	1	1	0	600	600	0
10/7/2023 20:50	42002 MNVL_T2	1	1	0	1.6	1.5	-0.1	0.17	0.17	0	0	0	0	0	0
10/7/2023 20:50	44802 EDAN_T2	0	0	0	0	0	0	-0.88	-0.86	0	0	0	0	0	0
10/7/2023 20:50	42802 SELI_T1	0	5	5	0	0.16	0.16	-2.78	-2.7	0	0	0	0	0	0
10/7/2023 20:50	56801 BENV_T1	26	35	9	0.6	0.94	0.34	-1.68	-1.7	2	2	0	1200	1200	0
10/7/2023 20:50	54505 ENOL_T2	1	1	0	1.1	1	-0.1	0	0	0	0	0	0	0	0
10/7/2023 20:50	45001 LIME_2	4	11	7	0.13	0.12	-0.01	0	0	0	0	0	0	0	0
10/7/2023 20:50	15001 BLMO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/7/2023 20:50	64303 LINC_T1	0	0	0	0	0	0	-0.26	-0.28	0	0	0	0	0	0
10/7/2023 20:50	59101 WALK_T2	1	1	0	0	0	0	1.25	1.09	0	0	0	0	0	0
10/7/2023 20:51	56803 BENV_T1	0	1	1	0	0.1	0.1	0	0	0	0	0	0	0	0
10/7/2023 20:51	56503 ROCK_T2	16	131	115	0.11	0.17	0.06	0	0	0	0	0	0	0	0
10/7/2023 20:51	59101 WALK_T2	1	1	0	0	0	0	1.25	1.09	0	0	0	0	0	0
10/7/2023 20:51	40101 HUNT_T2	0	0	0	0	0	0	-0.78	-0.74	0	0	0	0	0	0
10/7/2023 20:51	64801 MONE_T2	1	1	0	0.6	0.6	0	0	0	0	0	0	0	0	0
10/7/2023 20:52	54701 NEBL_T1	0	0	0	0	0	0	0	0	1	1	0	600	600	0
10/7/2023 20:52	42903 MIDD_T2	244	273	29	0.71	0.76	0.05	-0.71	-0.69	0	0	0	0	0	0
10/7/2023 20:52	52403 GRPA_T2	0	0	0	0	0	0	-0.07	-0.07	0	0	0	0	0	0
10/7/2023 20:52	56802 BENV_T2	8	66	58	0.24	0.16	-0.08	-1.54	-1.52	0	0	0	0	0	0
10/7/2023 20:52	56801 BENV_T1	26	35	9	0.6	0.94	0.34	-0.84	-0.85	1	1	0	600	600	0
10/7/2023 20:52	59402 RFLD_T2	115	175	60	0.4	0.53	0.13	-0.83	-0.82	0	0	0	0	0	0
10/7/2023 20:52	58402 MORO_T1	0	0	0	0	0	0	-1.35	-1.32	2	2	0	1500	1500	0
10/7/2023 20:53	56802 BENV_T2	8	66	58	0.24	0.16	-0.08	-1.54	-1.52	0	0	0	0	0	0
10/7/2023 20:53	56803 BENV_T1	0	1	1	0	0.1	0.1	0	0	0	0	0	0	0	0
10/7/2023 20:54	42802 SELI_T1	0	5	5	0	0.16	0.16	-1.39	-1.35	0	0	0	0	0	0
10/7/2023 20:54	52403 GRPA_T2	0	0	0	0	0	0	-0.07	-0.07	0	0	0	0	0	0
10/7/2023 20:54	54001 SDLE_T1	1	2	1	1.3	0.8	-0.5	0	0	1	1	0	600	600	0
10/7/2023 20:55	59101 WALK_T2	1	1	0	0	0	0	1.25	1.09	0	0	0	0	0	0
10/7/2023 20:55	58402 MORO_T1	0	0	0	0	0	0	-1.35	-1.32	2	2	0	1500	1500	0
10/7/2023 20:58	65003 NEFF_T2	4	2	-2	0.3	0.1	-0.2	0	0	0	0	0	0	0	0
10/7/2023 20:59	53903 HALI_T2	1	1	0	0.1	0.4	0.3	0	0	0	0	0	0	0	0
10/7/2023 21:15	43402 BENT_T1	0	0	0	0	0	0	-0.96	-0.95	1	1	0	900	900	0
10/7/2023 21:29	43402 BENT_T1	0	0	0	0	0	0	-0.96	-0.95	1	1	0	900	900	0
10/7/2023 22:15	43402 BENT_T1	0	0	0	0	0	0	-0.96	-0.96	1	1	0	900	900	0
10/7/2023 22:25	62607 ENGL_T1	536	183	-353	0.27	0.17	-0.1	0	0	0	0	0	0	0	0
10/7/2023 22:29	43402 BENT_T1	0	0	0	0	0	0	-0.96	-0.96	1	1	0	900	900	0
10/7/2023 23:15	43402 BENT_T1	0	3	3	0	0.4	0.4	-0.98	-0.98	1	1	0	900	900	0
10/7/2023 23:29	43402 BENT_T1	0	3	3	0	0.4	0.4	-0.98	-0.98	1	1	0	900	900	0
10/8/2023 0:15	43402 BENT_T1	0	0	0	0	0	0	-0.99	-0.99	1	1	0	900	900	0
10/8/2023 0:28	45001 LIME_2	3	20	17	0.1	0.17	0.07	0	0	0	0	0	0	0	0
10/8/2023 0:28	46801 HEPB_T2	2	2	0	0.5	0.65	0.15	0	0	0	0	0	0	0	0
10/8/2023 0:28	52502 PROG_T2	0	0	0	0	0	0	0.12	0.18	0	0	0	0	0	0
10/8/2023 0:28	28805 LAKE_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/8/2023 0:28	15001 BLMO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/8/2023 0:28	52403 GRPA_T2	3	5	2	1.4	1	-0.4	0	0	0	0	0	0	0	0
10/8/2023 0:28	29402 BELT_T1	286	288	2	1.15	1.2	0.05	0	0	0	0	0	0	0	0
10/8/2023 0:28	20403 ASHF_T2	0	0	0	0	0	0	0.02	0	0	0	0	0	0	0
10/8/2023 0:28	45902 AUBU_T1	120	121	1	0.21	0.23	0.02	-0.79	-0.78	0	0	0	0	0	0
10/8/2023 0:28	40101 HUNT_T2	0	0	0	0	0	0	-1.72	-1.74	0	0	0	0	0	0
10/8/2023 0:28

10/8/2023 8:29	61303 EARL_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/8/2023 8:39	56802 BENV_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/8/2023 8:39	59101 WALK_T2	1	1	0	0	0	0	1.25	1.28	0	0	0	0	0	0
10/8/2023 8:42	46203 DANV_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/8/2023 8:47	64101 REFR_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/8/2023 8:54	61303 EARL_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/8/2023 9:08	26603 BROO_T1	0	0	0	0	0	0	0.14	0.08	0	0	0	0	0	0
10/8/2023 9:11	41801 GOCI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/8/2023 9:12	41801 GOCI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/8/2023 9:23	29402 BELT_T1	160	175	15	0.72	0.83	0.11	0	0	0	0	0	0	0	0
10/8/2023 9:23	49804 UNIV_T1	1	1	0	0.3	0	-0.3	0	0	0	0	0	0	0	0
10/8/2023 9:26	28805 LAKE_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/8/2023 9:26	61304 EARL_T1	128	146	18	0.33	0.35	0.02	0	0	0	0	0	0	0	0
10/8/2023 9:27	28805 LAKE_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/8/2023 9:28	47101 MARL_T1	0	0	0	0	0	0	-0.34	-0.34	0	0	0	0	0	0
10/8/2023 9:28	23401 HONE_T2	0	1	1	0	0	0	-0.02	-0.05	0	0	0	0	0	0
10/8/2023 9:29	47101 MARL_T1	0	0	0	0	0	0	-0.34	-0.34	0	0	0	0	0	0
10/8/2023 9:30	58402 MORO_T1	0	0	0	0	0	0	-1.37	-1.35	2	2	0	1500	1500	0
10/8/2023 9:31	42002 MNVL_T2	1	1	0	2.7	2.8	0.1	0	0	0	0	0	0	0	0
10/8/2023 9:31	58402 MORO_T1	0	0	0	0	0	0	-1.37	-1.35	2	2	0	1500	1500	0
10/8/2023 9:31	13503 MCMI_T2	0	0	0	0	0	0	-0.01	-0.01	0	0	0	0	0	0
10/8/2023 9:32	54701 NEBL_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/8/2023 9:33	48302 ORWI_T2	1	0	-1	0.2	0	-0.2	-0.04	0.01	0	0	0	0	0	0
10/8/2023 9:33	58402 MORO_T1	0	0	0	0	0	0	-1.37	-1.35	2	2	0	1500	1500	0
10/8/2023 9:34	47101 MARL_T1	0	0	0	0	0	0	-0.34	-0.34	0	0	0	0	0	0
10/8/2023 9:36	42201 SHEN_T2	0	0	0	0	0	0	0.31	0.33	0	0	0	0	0	0
10/8/2023 9:37	59101 WALK_T2	1	1	0	0	0	0	5.12	5.04	0	0	0	0	0	0
10/8/2023 9:37	46302 ROHR_T1	2	4	2	3.2	2.25	-0.95	0	0	0	0	0	0	0	0
10/8/2023 9:37	10801 CHHI_T1	0	0	0	0	0	0	-0.96	-0.98	1	1	0	900	900	0
10/8/2023 9:38	45902 AUBU_T1	0	0	0	0	0	0	-0.42	-0.41	0	0	0	0	0	0
10/8/2023 9:40	45902 AUBU_T1	0	0	0	0	0	0	-0.42	-0.41	0	0	0	0	0	0
10/8/2023 9:41	56802 BENV_T2	1	2	1	0.7	0.5	-0.2	-1.52	-1.39	0	0	0	0	0	0
10/8/2023 9:42	46203 DANV_T2	0	0	0	0	0	0	-0.1	-0.11	0	0	0	0	0	0
10/8/2023 9:42	40101 HUNT_T2	0	0	0	0	0	0	-0.76	-0.73	0	0	0	0	0	0
10/8/2023 9:43	56802 BENV_T2	1	2	1	0.7	0.5	-0.2	-1.52	-1.39	0	0	0	0	0	0
10/8/2023 9:46	41901 REED_T1	2	2	0	0.1	0.1	0	-2.12	-2.14	1	1	0	900	900	0
10/8/2023 9:47	43202 MVIL_T2	38	49	11	0.23	0.29	0.06	-0.72	-0.73	0	0	0	0	0	0
10/8/2023 9:47	46302 ROHR_T1	4	4	0	1.68	2.25	0.57	0.18	0.19	0	0	0	0	0	0
10/8/2023 9:48	43202 MVIL_T2	38	49	11	0.23	0.29	0.06	-0.72	-0.73	0	0	0	0	0	0
10/8/2023 9:48	64101 REFR_T1	0	0	0	0	0	0	-0.01	-0.01	0	0	0	0	0	0
10/8/2023 9:49	64101 REFR_T1	0	0	0	0	0	0	-0.01	-0.01	0	0	0	0	0	0
10/8/2023 9:49	46302 ROHR_T1	4	4	0	1.68	2.25	0.57	0.18	0.19	0	0	0	0	0	0
10/8/2023 9:51	64101 REFR_T1	0	0	0	0	0	0	-0.02	-0.02	0	0	0	0	0	0
10/8/2023 9:51	43001 ALWD_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/8/2023 9:52	44302 BEAV_T2	280	448	168	0.65	0.71	0.06	0.23	0.25	0	0	0	0	0	0
10/8/2023 9:52	64101 REFR_T1	0	0	0	0	0	0	-0.01	-0.01	0	0	0	0	0	0
10/8/2023 9:52	29402 BELT_T1	137	134	-3	0.81	0.89	0.08	0	0	0	0	0	0	0	0
10/8/2023 9:53	44302 BEAV_T2	280	448	168	0.65	0.71	0.06	0.92	1	0	0	0	0	0	0
10/8/2023 9:53	43001 ALWD_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/8/2023 9:54	56802 BENV_T2	2	1	-1	0.45	0.9	0.45	-1.39	-1.47	0	0	0	0	0	0
10/8/2023 9:55	60801 BUCK_T1	0	0	0	0	0	0	-0.22	-0.2	0	0	0	0	0	0
10/8/2023 9:57	46803 HEPB_T2	0	0	0	0	0	0	0.44	0.44	0	0	0	0	0	0
10/8/2023 9:58	26401 INOR_T1	1	2	1	0.1	0.2	0.1	0.27	0.24	0	0	0	0	0	0
10/8/2023 9:58	52403 GRPA_T2	0	0	0	0	0	0	-0.12	-0.1	0	0	0	0	0	0
10/8/2023 9:59	45003 LIME_2	1	1	0	4.2	4.7	0.5	0	0	2	2	0	2400	2400	0
10/8/2023 10:00	52402 GRPA_T2	1	1	0	1.4	1.4	0	0	0	0	0	0	0	0	0
10/8/2023 10:00	56802 BENV_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/8/2023 10:00	64801 MONE_T2	1	1	0	0.1	0.6	0.5	0.2	0.2	0	0	0	0	0	0
10/8/2023 10:00	64101 REFR_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/8/2023 10:00	20401 ASHF_T2	2	2	0	0.3	0.3	0	-0.38	-0.39	1	1	0	600	600	0
10/8/2023 10:00	46302 ROHR_T1	4	4	0	2.25	2.1	-0.15	0.38	0.36	0	0	0	0	0	0
10/8/2023 10:00	67502 WEWI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/8/2023 10:00	42503 ALTA_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/8/2023 10:00	13503 MCMI_T2	0	0	0	0	0	0	-0.01	-0.01	0	0	0	0	0	0
10/8/2023 10:00	46004 BERW_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/8/2023 10:00	52503 PROG_T2	0	0	0	0	0	0	-0.78	-0.77	1	1	0	900	900	0
10/8/2023 10:00	61303 EARL_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/8/2023 10:00	41901 REED_T1	0	3	3	0	0.3	0.3	-2.14	-2.13	1	1	0	900	900	0
10/8/2023 10:00	67605 WARW_T1	4	0	-4	0.13	0	-0.13	0	0	0	0	0	0	0	0
10/8/2023 10:00	46203 DANV_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/8/2023 10:00	59101 WALK_T2	1	1	0	0	0	0	1.14	1.08	0	0	0	0	0	0
10/8/2023 10:00	12601 MACA_T1	1	0	-1	0.6	0	-0.6	0	0	0	0	0	0	0	0
10/8/2023 10:00	46302 ROHR_T1	4	4	0	2.25	2.1	-0.15	0.38	0.36	0	0	0	0	0	0
10/8/2023 10:00	54001 SOLE_T1	1	1	0	1	0.9	-0.1	0	0	1	1	0	600	600	0
10/8/2023 10:00	56601 HAMP_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/8/2023 10:00	53903 HALI_T2	2	0	-2	0.5	0	-0.5	-0.08	-0.08	0	0	0	0	0	0
10/8/2023 10:00	42802 SELI_T1	2	0	-2	0.1	0	-0.1	-1.36	-1.33	0	0	0	0	0	0
10/8/2023 10:00	26401 INOR_T1	1	1	0	0.1	0.2	0.1	0	0	0	0	0	0	0	0
10/8/2023 10:00	45001 LIME_2	32	32	0	0.49	0.37	-0.12	0	0	0	0	0	0	0	0
10/8/2023 10:00	22901 HARW_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/8/2023 10:00	54701 NEBL_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/8/2023 10:01	58402 MORO_T1	0	0	0	0	0	0	-1.36	-1.38	2	2	0	1500	1500	0
10/8/2023 10:06	42802 SELI_T1	2	0	-2	0.1	0	-0.1	-4.08	-3.99	0	0	0	0	0	0
10/8/2023 10:07	46203 DANV_T2	0	0	0	0	0	0	-0.13	-0.11	0	0	0	0	0	0
10/8/2023 10:07	64301 LINC_T1	0	0	0	0	0	0	0.05	0.05	0	0	0	0	0	0
10/8/2023 10:07	59101 WALK_T2	1	1	0	0	0	0	1.14	1.08	0	0	0	0	0	0
10/8/2023 10:07	42701 AUGU_T1	1	0	-1	0.1	0	-0.1	0	0	2	2	0	1800	1800	0
10/8/2023 10:07	45602 WOOL_T1	0	0	0	0	0	0	0.41	0.39	0	0	0	0	0	0
10/8/2023 10:07	66703 STRA_T1	0	2	2	0	0.1	0.1	-0.33	-0.28	0	0	0	0	0	0
10/8/2023 10:07	56802 BENV_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/8/2023 10:08	10801 CHHI_T1	0	0	0	0	0	0	-0.95	-0.94	1	1	0	900	900	0
10/8/2023 10:08	46203 DANV_T2	0	0	0	0	0	0	-0.13	-0.11	0	0	0	0	0	0
10/8/2023 10:08	20403 ASHF_T2	1	0	-1	0.1	0	-0.1	0.1	0.14	0	0	0	0	0	0
10/8/2023 10:08	44302 BEAV_T2	439	430	-9	0.69	0.69	0	0.25	0.21	0	0	0	0	0	0
10/8/2023 10:08	45602 WOOL_T1	0	0	0	0	0	0	0.82	0.78	0	0	0	0	0	0
10/8/2023 10:08	42701 AUGU_T1	1	0	-1	0.1	0	-0.1	0	0	2	2	0	1800	1800	0
10/8/2023 10:08	43001 ALWD_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/8/2023 10:09	59101 WALK_T2	1	2.1	1	0	0	0	2.27	2.17	0	0	0	0	0	0
10/8/2023 10:09	20401 ASHF_T2	2	2	0	0.3	0.3	0	0	0	0	0	0	0	0	0
10/8/2023 10:09	44302 BEAV_T2	439	430	-9	0.69	0.69	0	1.25	1.05	0	0	0	0	0	0
10/8/2023 10:09	56802 BENV_T2	1	1	0	0.9	0.9	0	-1.47	-1.49	0	0	0	0	0	0
10/8/2023 10:09	49803 UNIV_T1	0	0	0	0	0	0	-1.18	-1.25	0	0	0	0	0	0
10/8/2023 10:09	43001 ALWD_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/8/2023 10:10	29402 BELT_T1	134	195	61	0.86	0.93	0.07	0	0	0	0	0	0	0	0
10/8/2023 10:10	60801 BUCK_T1	0	0	0	0	0	0	-0.2	-0.19	0	0	0	0	0	0
10/8/2023 10:10	56802 BENV_T2	1	1	0	0.9	0.9	0	-1.47	-1.49	0	0	0	0	0	0
10/8/2023 10:11	26603 BROO_T1	0	0	0	0	0	0	0.12	0.09	0	0	0	0	0	0
10/8/2023 10:11	29402 BELT_T1	134	195	61	0.86	0.93	0.07	0	0	0	0	0	0	0	0
10/8/2023 10:12	46801 HEPB_T2	2	2	0	0.25	0.35	0.1	0.51	0.52	0	0	0	0	0	0
10/8/2023 10:12	56802 BENV_T2	1	1	0	0.9	0.9	0	-1.47	-1.49	0	0	0	0	0	0
10/8/2023 10:12	17804 GILB_T2	0	0	0	0	0	0	-0.54	-0.54	0	0	0	0	0	0
10/8/2023 10:13	46803 HEPB_T2	0	0	0	0	0	0	0.44	0.43	0	0	0	0	0	0
10/8/2023 10:13	52402 GRPA_T2	1	1	0	1.4	1.4	0	0	0	0	0	0	0	0	0
10/8/2023 10:13	28805 LAKE_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/8/2023 10:13	60801 BUCK_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/8/2023 10:14	45003 LIME_2	1	1	0	4.7	4.5	-0.2	0	0	1	1	0	1200	1200	0
10/8/2023 10:14	28805 LAKE_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/8/2023 10:14	46801 HEPB_T2	2	2	0	0.25	0.35	0.1	0.52	0.51	0	0	0	0	0	0
10/8/2023 10:15	23401 HONE_T2	0	1	1	0	0	0	-0.02	-0.04	0	0	0	0	0	0
10/8/2023 10:15	12701 MACU_T1	0	0	0	0	0	0	0.02	0.04	0	0	0	0	0	0
10/8/2023 10:16	12701 MACU_T1	0	0	0	0	0	0	0.02	0.04	0	0	0	0	0	0
10/8/2023 10:16	54701 NEBL_T1	0	0	0	0	0	0	0	0	1	1	0	600	600	0
10/8/2023 10:17	44202 POIN_T2	0	0	0	0	0	0	-0.99	-0.99	1	1	0	1200	1200	0
10/8/2023 10:17	65001 NEFF_T2	0	0	0	0	0	0	-1.23	-1.19	1	1	0	1200	1200	0
10/8/2023 10:17	64101 REFR_T1	0	0	0	0	0	0	0.03	0.03	0	0	0	0	0	0
10/8/2023 10:18	44202 POIN_T2	0	0	0	0	0	0	-0.99	-0.99	1	1	0	1200	1200	0
10/8/2023 10:18	64101 REFR_T1	0	0	0	0	0	0	0.08	0.08	0	0	0	0	0	0
10/8/2023 10:19	66501 SMAN_T2	1	0	-1	0.1	0	-0.1	0	0	0	0	0	0	0	0
10/8/2023 10:19	43202 MVIL_T2	21	63	42	0.19	0.52	0.33	-0.73	-0.71	0	0	0	0	0	0
10/8/2023 10:19	64101 REFR_T1	0	0	0	0	0	0	0.03	0.03	0	0	0	0	0	0
10/8/2023 10:20	64101 REFR_T1	0	0	0	0	0	0	0.05	0.05	0	0	0	0	0	0
10/8/2023 10:20	67503 WEWI_T2	1	1	0	1.2	1.5	0.3	0	0	0	0	0	0	0	0
10/8/2023 10:20	56501 ROCK_T2	8	8	0	0.33	0.31	-0.02	-0.47	-0.46	0	0	0	0	0	0
10/8/2023 10:20	43202 MVIL_T2	21	63	42	0.19	0.52	0.33	-0.73	-0.71	0	0	0	0	0	0
10/8/2023 10:21	44202 POIN_T2	0	0	0	0	0	0	-0.99	-0.99	1	1	0	1200	1200	0
10/8/2023 10:21	59202 THOM_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/8/2023 10:22	56803 BENV_T1	0	1	1	0	0	0	0	0	0	0	0	0	0	0
10/8/2023 10:22	67503 WEWI_T2	1	1	0	1.2	1.5	0.3	-0.6	-0.67	0	0	0	0	0	0
10/8/2023 10:22	46301 ROHR_T1	0	16	16	0	0.11	0.11	0	0	0	0	0	0	0	0
10/8/2023 10:22	28604 BLYT_T2	0	0	0	0	0	0	-1.38	-1.36	0	0	0	0	0	0
10/8/2023 10:23	67502 WEWI_T2	5	7	2	0.3	0.3	0	-3.1	-3.16	2	2	0	1800	1800	0
10/8/2023 10:23	29402 BELT_T1	111	250	139	0.92	1.08	0.16	0	0	0	0	0	0	0	0
10/8/2023 10:23	66501 SMAN_T2	1	0	-1	0.1	0	-0.1	0	0	0	0	0	0	0	0
10/8/2023 10:23	56802 BENV_T2	1	1	0	0.8	0.9	0.1	-1.49	-1.46	0	0	0	0	0	0
10/8/2023 10:23	56801 BENV_T1	1	1	0	0.2	0.6	0.4	-0.83	-0.82	1	1	0	600	600	0
10/8/2023 10:23	15001 BLMO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/8/2023 10:24	56802 BENV_T2	1	1	0	0.8	0.9	0.1	-1.49	-1.46	0	0	0	0	0	0
10/8/2023 10:24	61303 EARL_T1	0	0	0	0	0	0	0.02	-0.22	0	0	0	0	0	0
10/8/2023 10:24	56801 BENV_T1	1	1	0	0.2	0.6	0.4	-0.83	-0.82	1	1	0	600	600	0
10/8/2023 10:24	61303 EARL_T1	0	0	-1	0.6	0	-0.6	0	0	0	0	0	0	0	0
10/8/2023 10:25	56801 BENV_T1	1	1	0	0.2	0.6	0.4	-0.83	-0.82	1	1	0	600	600	0
10/8/2023 10:25	67502 WEWI_T2	5	7	2	0.3	0.3	0	-1.55	-1.58	1	1	0	900	900	0
10/8/2023 10:25	51604 DUKE_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/8/2023 10:25	41801 GOCI_T2	0	27	27	0	0.23	0.23	0	0	0	0	0	0	0	0
10/8/2023 10:25	15001 BLMO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/8/2023 10:26	56801 BENV_T1	1	1	0	0.2	0.6	0.4	-1.66	-1.64	2	2	0	1200	1200	0
10/8/2023 10:26	41801 GOCI_T2	0	27	27	0	0.23	0.23	0	0	0	0	0	0	0	0
10/8/2023 10:26	56802 BENV_T2	1	1	0	0.8	0.9	0.1	-1.49	-1.46	0	0	0	0	0	0
10/8/2023 10:27	61001 DONV_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/8/2023 10:28	52401 GRPA_T2	0	1	1	0	0	0	0	0	0	0	0	0	0	0
10/8/2023 10:28	63404 HONY_T1	184	204	20	0.74	0.74	0	0	0	0	0	0	0	0	0
10/8/2023 10:28	28403 HART_T2	0	0	0	0	0	0	-0.64	-0.63	1	1	0	900	900	0
10/8/2023 10:28	21901 HUMB_T1	0	0	0	0	0	0	-0.89	-0.84	0	0	0	0	0	0
10/8/2023 10:29	23401 HONE_T2	0	1	1	0	0	0	-0.04	-0.01	0	0	0	0	0	0
10/8/2023 10:29	43402 BENT_T1	0	4	4	0	0.28	0.28	-0.97	-0.97	1	1	0	900	900	0
10/8/2023 10:30	45001 LIME_2	32	32	0	0.33	0.45	0.12	0	0	0	0	0	0	0	0
10/8/2023 10:30	12701 MACU_T1	0	0	0	0	0	0	0.04	0.02	0	0	0	0	0	0
10/8/2023 10:31	12701 MACU_T1	0	0	0	0	0	0	0.04	0.02	0	0	0	0	0	0
10/8/2023 10:31	23401 HONE_T2	0	1	1	0	0	0	-0.04	-0.01	0	0	0	0	0	0
10/8/2023 10:34	42001 MNVL_T2	0	0	0	0	0	0	0	0.04	0	0	0	0	0	0
10/8/2023 10:34	46302 ROHR_T1	4	5	1	2.1	1.8	-0.3	0	0	0	0	0	0	0	0
10/8/2023 10:39	67503 WEWI_T2	1	1	0	1.5	0	-1.5	-0.33	-0.33	0	0	0	0	0	0
10/8/2023 10:42	61803 EELI_T2	1	1	0	1.2	0.8	-0.4	0	0	0	0	0	0	0	0
10/8/2023 10:42	41801 GOCI_T2	1	27	26	0.1	0.23	0.13	0	0	0	0	0	0	0	0
10/8/2023 10:44	42901 MIDD_T2	520	523	3	0.76	0.68	-0.08	0	0	0	0	0	0	0	0
10/8/2023 10:44	58402 MORO_T1	0	0	0	0	0	0	-1.41	-1.38	2	2	0	1500	1500	0
10/8/2023 10:48	65001 NEFF_T2	0	0	0	0	0	0	-1.2	-1.28	1	1	0	1200	1200	0
10/8/2023 10:48	48302 ORWI_T2	0	0	0	0	0	0	0.12	0.03	0	0	0	0	0	0
10/8/2023 10:48	42201 SHEN_T2	0	0	0	0	0	0	0.32	0.34	0	0	0	0	0	0
10/8/2023 10:51	44901 SCOT_T2	0	8	8	0	0.15	0.15	-0.48	-0.36	0	0	0	0

10/8/2023 11:21	46301 ROHR_T1	4	3	-1	0.15	0.23	0.08	0.19	0.2	0	0	0	0	0	0
10/8/2023 11:22	42802 SELI_T1	4	4	0	0.1	0.1	0	-2.66	-2.6	0	0	0	0	0	0
10/8/2023 11:22	13704 SCHN_T2	1	1	0	0.2	0.3	0.1	-0.35	-0.35	0	0	0	0	0	0
10/8/2023 11:22	42701 ALIGU_T1	0	0	0	0	0	0	0	0	4	4	0	3600	3600	0
10/8/2023 11:22	56801 BENV_T1	17	24	7	0.54	0.5	-0.04	-0.82	-0.82	1	1	0	600	600	0
10/8/2023 11:22	59101 WALK_T2	1	1	0	0	0	0	0.98	0.93	0	0	0	0	0	0
10/8/2023 11:23	56802 BENV_T2	1	1	0	0.9	0.9	0	-1.49	-1.42	0	0	0	0	0	0
10/8/2023 11:23	56801 BENV_T1	17	24	7	0.54	0.5	-0.04	-1.64	-1.64	2	2	0	1200	1200	0
10/8/2023 11:23	59101 WALK_T2	1	1	0	0	0	0	0.98	0.93	0	0	0	0	0	0
10/8/2023 11:24	56801 BENV_T1	17	24	7	0.54	0.5	-0.04	-1.64	-1.64	2	2	0	1200	1200	0
10/8/2023 11:24	51604 DUKE_T2	1	2	1	0.1	0.15	0.05	-1.73	-1.72	1	1	0	900	900	0
10/8/2023 11:25	56801 BENV_T1	17	24	7	0.54	0.5	-0.04	-0.82	-0.82	1	1	0	600	600	0
10/8/2023 11:26	56801 BENV_T1	17	24	7	0.54	0.5	-0.04	-2.46	-2.46	3	3	0	1800	1800	0
10/8/2023 11:27	40101 HUNT_T2	0	0	0	0	0	0	-0.73	-0.73	0	0	0	0	0	0
10/8/2023 11:28	40101 HUNT_T2	0	0	0	0	0	0	-0.73	-0.73	0	0	0	0	0	0
10/8/2023 11:29	51604 DUKE_T2	1	2	1	0.1	0.15	0.05	-1.72	-1.73	1	1	0	900	900	0
10/8/2023 11:29	40101 HUNT_T2	0	0	0	0	0	0	-0.73	-0.73	0	0	0	0	0	0
10/8/2023 11:30	65001 NEFF_T2	0	0	0	0	0	0	-1.22	-1.22	1	1	0	1200	1200	0
10/8/2023 11:32	45702 LIND_T2	0	0	0	0	0	0	-0.54	-0.56	0	0	0	0	0	0
10/8/2023 11:32	64801 MONE_T2	0	1	1	0	0.4	0.4	0.23	0.22	0	0	0	0	0	0
10/8/2023 11:34	14802 TREI_T2	0	0	0	0	0	0	0.36	0.36	0	0	0	0	0	0
10/8/2023 11:35	43301 WATS_T2	0	0	0	0	0	0	0.31	0.3	0	0	0	0	0	0
10/8/2023 11:36	67502 WEWI_T2	13	4	-9	0.15	0.13	-0.02	-1.53	-1.55	1	1	0	900	900	0
10/8/2023 11:36	65001 NEFF_T2	0	0	0	-1	0	0	-1.22	-1.22	1	1	0	1200	1200	0
10/8/2023 11:37	67502 WEWI_T2	13	4	-9	0.15	0.13	-0.02	-1.53	-1.55	1	1	0	900	900	0
10/8/2023 11:37	67503 WEWI_T2	0	0	0	0	0	0	-0.32	-0.31	0	0	0	0	0	0
10/8/2023 11:37	20401 ASHF_T2	1	2	1	0.1	0.1	0	0	0	0	0	0	0	0	0
10/8/2023 11:38	67502 WEWI_T2	13	4	-9	0.15	0.13	-0.02	-1.53	-1.55	1	1	0	900	900	0
10/8/2023 11:38	67502 WEWI_T2	13	4	-9	0.15	0.13	-0.02	-1.53	-1.55	1	1	0	900	900	0
10/8/2023 11:38	40601 PIGR_T1	5	47	42	0.2	0.18	-0.02	0	0	0	0	0	0	0	0
10/8/2023 11:38	14802 TREI_T2	0	0	0	0	0	0	0.36	0.36	0	0	0	0	0	0
10/8/2023 11:39	20403 ASHF_T2	0	0	0	0	0	0	0.14	0.11	0	0	0	0	0	0
10/8/2023 11:39	67502 WEWI_T2	13	4	-9	0.15	0.13	-0.02	-1.53	-1.55	1	1	0	900	900	0
10/8/2023 11:40	26603 BROO_T1	0	0	0	0	0	0	0.1	0.13	0	0	0	0	0	0
10/8/2023 11:40	67502 WEWI_T2	13	4	-9	0.15	0.13	-0.02	-1.53	-1.55	1	1	0	900	900	0
10/8/2023 11:41	67503 WEWI_T2	0	0	0	0	0	0	-0.64	-0.62	0	0	0	0	0	0
10/8/2023 11:42	46203 DANV_T2	0	0	0	0	0	0	-0.09	-0.12	0	0	0	0	0	0
10/8/2023 11:42	52403 GRPA_T2	4	6	2	0.63	0.5	-0.13	-0.13	-0.13	0	0	0	0	0	0
10/8/2023 11:43	41801 GOCI_T2	0	25	25	0	0.25	0.25	0	0	0	0	0	0	0	0
10/8/2023 11:43	52403 GRPA_T2	4	6	2	0.63	0.5	-0.13	-0.13	-0.13	0	0	0	0	0	0
10/8/2023 11:44	41801 GOCI_T2	0	25	25	0	0.25	0.25	0	0	0	0	0	0	0	0
10/8/2023 11:45	64305 LINC_T1	0	0	0	0	0	0	-0.63	-0.61	0	0	0	0	0	0
10/8/2023 11:45	52403 GRPA_T2	6	5	-1	0.48	0.48	0	-0.13	-0.13	0	0	0	0	0	0
10/8/2023 11:45	41801 GOCI_T2	25	0	-25	0.25	0	-0.25	0	0	0	0	0	0	0	0
10/8/2023 11:46	64301 LINC_T1	0	0	0	0	0	0	0.04	0.06	0	0	0	0	0	0
10/8/2023 11:46	52403 GRPA_T2	6	5	-1	0.48	0.48	0	-0.13	-0.13	0	0	0	0	0	0
10/8/2023 11:47	13503 MCMI_T2	0	0	0	0	0	0	-0.01	-0.01	0	0	0	0	0	0
10/8/2023 11:47	58402 MORO_T1	0	0	0	0	0	0	-1.45	-1.47	2	2	0	1500	1500	0
10/8/2023 11:49	13704 SCHN_T2	1	0	-1	0.3	0	-0.3	-1.06	-1.09	0	0	0	0	0	0
10/8/2023 11:49	64101 REFR_T1	0	0	0	0	0	0	0.04	0.04	0	0	0	0	0	0
10/8/2023 11:50	24902 WHHA_T1	1	2	1	0.1	0.1	0	0	0	0	0	0	0	0	0
10/8/2023 11:50	58402 MORO_T1	0	0	0	0	0	0	-1.45	-1.47	2	2	0	1500	1500	0
10/8/2023 11:52	43001 ALWD_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/8/2023 11:53	20401 ASHF_T2	2	1	-1	0.1	0.1	0	0	0	0	0	0	0	0	0
10/8/2023 11:54	20403 ASHF_T2	0	0	0	0	0	0	0.11	0.13	0	0	0	0	0	0
10/8/2023 11:54	40603 PIGR_T1	0	1	1	0	0.3	0.3	0	0	0	0	0	0	0	0
10/8/2023 11:54	43001 ALWD_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/8/2023 11:55	24901 WHHA_T1	0	0	0	0	0	0	0.58	0.56	0	0	0	0	0	0
10/8/2023 11:56	26603 BROO_T1	0	0	0	0	0	0	0.13	0.13	0	0	0	0	0	0
10/8/2023 12:07	64101 REFR_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/8/2023 12:08	43001 ALWD_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/8/2023 12:10	40601 PIGR_T1	38	4	-34	0.2	0.2	0	0	0	0	0	0	0	0	0
10/8/2023 12:10	43001 ALWD_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/8/2023 12:11	26603 BROO_T1	0	1	1	0	0	0	0.13	0.14	0	0	0	0	0	0
10/8/2023 12:13	59302 MCAL_T1	22	20	-2	0.27	0.31	0.04	0.15	0.19	0	0	0	0	0	0
10/8/2023 12:16	58402 MORO_T1	0	0	0	0	0	0	-1.42	-1.45	2	2	0	1500	1500	0
10/8/2023 12:17	58402 MORO_T1	0	0	0	0	0	0	-1.42	-1.45	2	2	0	1500	1500	0
10/8/2023 12:18	60803 BUCK_T1	0	0	0	0	0	0	-1.01	-0.96	1	1	0	600	600	0
10/8/2023 12:18	58402 MORO_T1	0	0	0	0	0	0	-1.42	-1.45	2	2	0	1500	1500	0
10/8/2023 12:19	13704 SCHN_T2	0	1	1	0	0.2	0.2	-0.34	-0.35	0	0	0	0	0	0
10/8/2023 12:20	13704 SCHN_T2	0	1	1	0	0.2	0.2	-0.34	-0.35	0	0	0	0	0	0
10/8/2023 12:21	13704 SCHN_T2	0	1	1	0	0.2	0.2	-0.34	-0.35	0	0	0	0	0	0
10/8/2023 12:23	67503 WEWI_T2	0	0	0	0	0	0	-0.31	-0.31	0	0	0	0	0	0
10/8/2023 12:23	67502 WEWI_T2	9	0	-9	0.11	0	-0.11	-1.56	-1.49	1	1	0	900	900	0
10/8/2023 12:24	67502 WEWI_T2	9	0	-9	0.11	0	-0.11	-1.56	-1.49	1	1	0	900	900	0
10/8/2023 12:24	67502 WEWI_T2	9	0	-9	0.11	0	-0.11	-1.56	-1.49	1	1	0	900	900	0
10/8/2023 12:24	46203 DANV_T2	0	4	4	0	0.4	0.4	-0.12	-0.16	0	0	0	0	0	0
10/8/2023 12:25	67502 WEWI_T2	9	0	-9	0.11	0	-0.11	-1.56	-1.49	1	1	0	900	900	0
10/8/2023 12:25	67503 WEWI_T2	0	0	0	0	0	0	-0.31	-0.31	0	0	0	0	0	0
10/8/2023 12:26	67502 WEWI_T2	9	0	-9	0.11	0	-0.11	-1.56	-1.49	1	1	0	900	900	0
10/8/2023 12:27	67502 WEWI_T2	9	0	-9	0.11	0	-0.11	-1.56	-1.49	1	1	0	900	900	0
10/8/2023 12:37	64101 REFR_T1	0	0	0	0	0	0	0.03	0.03	0	0	0	0	0	0
10/8/2023 12:41	41801 GOCI_T2	2	1	-1	0.1	0.2	0.1	0	0	0	0	0	0	0	0
10/8/2023 12:42	41801 GOCI_T2	2	1	-1	0.1	0.2	0.1	0	0	0	0	0	0	0	0
10/8/2023 12:43	41801 GOCI_T2	2	1	-1	0.1	0.2	0.1	0	0	0	0	0	0	0	0
10/8/2023 12:45	63203 MGTN_T1	0	2	2	0	0.15	0.15	-0.2	-0.21	1	1	0	600	600	0
10/8/2023 12:49	64101 REFR_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/8/2023 12:53	26603 BROO_T1	0	0	0	0	0	0	0.14	0.11	0	0	0	0	0	0
10/8/2023 13:01	64801 MONE_T2	0	1	1	0	0.4	0.4	0.22	0.21	0	0	0	0	0	0
10/8/2023 13:02	64101 REFR_T1	0	0	0	0	0	0	-0.01	0.07	0	0	0	0	0	0
10/8/2023 13:03	64101 REFR_T1	0	0	0	0	0	0	0	0.04	0	0	0	0	0	0
10/8/2023 13:05	64101 REFR_T1	0	0	0	0	0	0	-0.01	0.07	0	0	0	0	0	0
10/8/2023 13:06	64101 REFR_T1	0	0	0	0	0	0	-0.01	0.07	0	0	0	0	0	0
10/8/2023 13:08	67502 WEWI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/8/2023 13:09	26603 BROO_T1	0	0	0	0	0	0	0.11	0.18	0	0	0	0	0	0
10/8/2023 13:13	26401 INOR_T1	45	42	-3	0.28	0.27	-0.01	0	0	0	0	0	0	0	0
10/8/2023 13:23	60801 BUCK_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/8/2023 13:28	40101 HUNT_T2	0	0	0	0	0	0	-1.3	-1.36	0	0	0	0	0	0
10/8/2023 13:28	52403 GRPA_T2	0	1	1	0	0	0	-0.1	-0.1	0	0	0	0	0	0
10/8/2023 13:29	24101 EHAZ_T1	0	2	2	0	0	0	0	0	0	0	0	0	0	0
10/8/2023 13:29	26401 INOR_T1	1	45	44	0.2	0.29	0.09	0	0	0	0	0	0	0	0
10/8/2023 13:30	40101 HUNT_T2	0	0	0	0	0	0	-0.68	-0.68	0	0	0	0	0	0
10/8/2023 13:32	52403 GRPA_T2	0	1	1	0	0	0	-0.1	-0.11	0	0	0	0	0	0
10/8/2023 13:36	45402 WBLO_T2	1	1	0	0.9	1.2	0.3	0	0	0	0	0	0	0	0
10/8/2023 13:41	67503 WEWI_T2	0	0	0	0	0	0	-0.29	-0.3	0	0	0	0	0	0
10/8/2023 13:41	46203 DANV_T2	3	4	1	0.37	0.25	-0.12	0	0	0	0	0	0	0	0
10/8/2023 13:43	61303 EARL_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/8/2023 13:44	26401 INOR_T1	42	46	4	0.27	0.28	0.01	0	0	0	0	0	0	0	0
10/8/2023 13:47	64101 REFR_T1	1	1	0	1.3	1.1	-0.2	0.04	0.03	0	0	0	0	0	0
10/8/2023 13:48	52501 PROG_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/8/2023 13:48	64101 REFR_T1	1	1	0	1.3	1.1	-0.2	0.04	0.03	0	0	0	0	0	0
10/8/2023 13:49	44202 POIN_T2	0	1	1	0	0.1	0.1	0	0	0	0	0	0	0	0
10/8/2023 13:50	64101 REFR_T1	1	1	0	1.3	1.1	-0.2	0.07	0.05	0	0	0	0	0	0
10/8/2023 13:50	66901 SHIL_T2	3	23	20	0.33	0.18	-0.15	-1.72	-1.69	1	1	0	1200	1200	0
10/8/2023 13:51	64101 REFR_T1	1	1	0	1.3	1.1	-0.2	0.04	0.03	0	0	0	0	0	0
10/8/2023 13:53	43001 ALWD_T1	0	1	1	0	0.1	0.1	0	0	0	0	0	0	0	0
10/8/2023 13:54	59102 WALK_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/8/2023 13:54	67502 WEWI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/8/2023 13:55	43001 ALWD_T1	0	1	1	0	0.1	0.1	0	0	0	0	0	0	0	0
10/8/2023 13:56	41801 GOCI_T2	11	3	-8	0.16	0.23	0.07	0	0	0	0	0	0	0	0
10/8/2023 13:57	64101 REFR_T1	1	1	0	1.3	1.1	-0.2	0.07	0.05	0	0	0	0	0	0
10/8/2023 13:59	52402 GRPA_T2	4	4	0	0.7	1.03	0.33	0	0	0	0	0	0	0	0
10/8/2023 14:02	52403 GRPA_T2	0	1	1	0	0	0	-0.1	-0.1	0	0	0	0	0	0
10/8/2023 14:04	44904 SCOT_T1	0	0	0	0	0	0	-0.21	-0.18	0	0	0	0	0	0
10/8/2023 14:05	67203 TEHI_T1	1	1	0	0	0	0	0.77	0.76	1	1	0	900	900	0
10/8/2023 14:06	64101 REFR_T1	1	1	0	1.3	1.1	0.03	-0.01	0	0	0	0	0	0	0
10/8/2023 14:08	45902 AUBU_T1	0	3	3	0	0.27	0.27	-0.61	-0.56	0	0	0	0	0	0
10/8/2023 14:09	45602 WOOL_T1	0	0	0	0	0	0	0.76	0.76	0	0	0	0	0	0
10/8/2023 14:09	67502 WEWI_T2	0	1	1	0	0.2	0.2	-2.88	-3.06	2	2	0	1800	1800	0
10/8/2023 14:09	15001 BLMO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/8/2023 14:10	45602 WOOL_T1	0	0	0	0	0	0	0.38	0.38	0	0	0	0	0	0
10/8/2023 14:11	45901 AUBU_T1	0	1	1	0	0.4	0.4	0	0	0	0	0	0	0	0
10/8/2023 14:11	41801 GOCI_T2	3	0	-3	0.23	0	-0.23	0	0	0	0	0	0	0	0
10/8/2023 14:11	15001 BLMO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/8/2023 14:12	40101 HUNT_T2	0	0	0	0	0	0	-0.7	-0.69	0	0	0	0	0	0
10/8/2023 14:12	67503 WEWI_T2	0	0	0	0	0	0	-0.3	-0.3	0	0	0	0	0	0
10/8/2023 14:14	52402 GRPA_T2	4	4	0	0.98	1	0.02	0	0	0	0	0	0	0	0
10/8/2023 14:14	59302 MCAL_T1	13	10	-3	0.47	0.56	0.09	0.13	0.15	0	0	0	0	0	0
10/8/2023 14:15	52403 GRPA_T2	1	0	-1	0.4	0	-0.4	-0.1	-0.09	0	0	0	0	0	0
10/8/2023 14:15	40101 HUNT_T2	0	0	0	0	0	0	-0.69	-0.68	0	0	0	0	0	0
10/8/2023 14:16	41801 GOCI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/8/2023 14:17	52403 GRPA_T2	1	0	-1	0.4	0	-0.4	-0.1	-0.09	0	0	0	0	0	0
10/8/2023 14:17	58402 MORO_T1	0	0	0	0	0	0	-0.58	-0.55	1	1	0	600	600	0
10/8/2023 14:17	52402 GRPA_T2	4	4	0	1	0.98	-0.02	0	0	0	0	0	0	0	0
10/8/2023 14:17	56503 ROCK_T2	1	1	0	0.3	0.2	-0.1	0	0	0	0	0	0	0	0
10/8/2023 14:17	65604 QVIL_T2	0	0	0	0	0	0	0.28	0.27	0	0	0	0	0	0
10/8/2023 14:18	58402 MORO_T1	0	0	0	0	0	0	-0.58	-0.55	1	1	0	600	600	0
10/8/2023 14:18	64101 REFR_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/8/2023 14:19	59402 RFLD_T2	1	3	2	0.6	0.57	-0.03	-1.09	-1.12	0	0	0	0	0	0
10/8/2023 14:19	58402 MORO_T1	0	0	0	0	0	0	-0.58	-0.55	1	1	0	600	600	0
10/8/2023 14:20	65604 QVIL_T2	0	0	0	0	0	0	0.28	0.27	0	0	0	0	0	0
10/8/2023 14:21	20403 ASHF_T2	0	0	0	0	0	0	0.12	0.13	0	0	0	0	0	0
10/8/2023 14:21	45902 AUBU_T1	0	5	5	0	0.2	0.2	-0.56	-0.58	0	0	0	0	0	0
10/8/2023 14:21	67203 TEHI_T1	1	1	0	0	0	0	0.76	0.78	1	1	0	900	900	0
10/8/2023 14:21	56501 ROCK_T2	12	10	-2	0.28	0.21	-0.07	-0.37	-0.44	0	0	0	0	0	0
10/8/2023 14:21	59402 RFLD_T2	1	3	2	0.6	0.57	-0.03	-0.36	-0.37	0	0	0	0	0	0
10/8/2023 14:22	60801 BUCK_T1	0	0	0	0	0	0	-0.18	-0.18	0	0	0	0	0	0
10/8/2023 14:22	56503 ROCK_T2	1	1	0	0.3	0.2	-0.1	0	0	0	0	0	0	0	0
10/8/2023 14:22	64101 REFR_T1	1	1	0	1.1	0.9	-0.2	-0.01	0.04	0	0	0	0	0	0
10/8/2023 14:22	67605 WARW_T1	0	0	0	0	0	0	-1.24	-1.22	0	0	0	0	0	0
10/8/2023 14:22	28604 BLYT_T2	0	0	0	0	0	0	-1.39	-1.36	0	0	0	0	0	0
10/8/2023 14:23	56503 ROCK_T2	1	1	0	0.3	0.2	-0.1	0	0	0	0	0	0	0	0
10/8/2023 14:23	60803 BUCK_T1	0	0	0	0	0	0	-1	-0.99	1	1	0	600	600	0
10/8/2023 14:23	45902 AUBU_T1	0	5	5	0	0.2	0.2	-0.56	-0.58	0	0	0	0	0	0
10/8/2023 14:24	28604 BLYT_T2	0	0	0	0	0	0	-1.39	-1.36	0	0	0	0	0	0
10/8/2023 14:24	67502 WEWI_T2	1	0	-1	0.2	0	-0.2	0	0	0	0	0	0	0	0
10/8/2023 14:25	20401 ASHF_T2	0	2	2	0	0.1	0.1	0	0	0	0	0	0	0	0
10/8/2023 14:25	60803 BUCK_T1	0	0	0	0	0	0	-1	-0.99	1	1	0	600	600	0
10/8/2023 14:26	41801 GOCI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/8/2023 14:26	67502 WEWI_T2	1	0	-1	0.2	0	-0.2	-1.53	-1.54	1	1	0	900	900	0
10/8/2023 14:27	52402 GRPA_T2	4	4	0	1	0.98	-0.02	0	0	0	0	0	0	0	0
10/8/2023 14:27	41801 GOCI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/8/2023 14:27	67502 WEWI_T2	1	0	-1	0.2	0	-0.2	-1.53	-1.54	1	1	0	900	900	0
10/8/2023 14:28	52403 GRPA_T2	1	0	-1	0.4	0	-0.4	-0.1	-0.09	0	0	0	0	0	0
10/8/2023 14:28	67502 WEWI_T2	1	0	-1	0.2	0	-0.2	-1.53	-1.54	1	1	0	900	900	0
10/8/2023 14:28	67503 WEWI_T2	0	0	0	0	0	0	-0.3	-0.3	0	0	0	0	0	0
10/8/2023 14:28	40101 HUNT_T2	0	0	0	0	0	0	-0.69	-0.68	0	0	0	0	0	0
10/8/2023 14:29	52403 GRPA_T2	1	0	-1	0.4	0	-0.4	-0.09	-0.09	0	0	0	0	0	0
10/8/2023 14:30	59

Appendix C - Grid Benefits Achieved in Each Instance of Active Management

10/8/2023 14:45	52403 GRPA_T2	0	0	0	0	0	0	-0.09	-0.11	0	0	0	0	0	0
10/8/2023 14:46	64801 MONE_T2	1	1	0	0.1	0.3	0.2	0.2	0.23	0	0	0	0	0	0
10/8/2023 14:46	52402 GRPA_T2	4	4	0	0.95	1.03	0.08	0	0	0	0	0	0	0	0
10/8/2023 14:46	58402 MORO_T1	0	0	0	0	0	0	-0.57	-0.56	1	1	0	600	600	0
10/8/2023 14:46	52401 GRPA_T2	0	0	0	0	0	0	-0.55	-0.52	0	0	0	0	0	0
10/8/2023 14:46	64301 LINC_T1	0	0	0	0	0	0	0.06	0.07	0	0	0	0	0	0
10/8/2023 14:46	13503 MCMI_T2	0	0	0	0	0	0	-0.01	-0.01	0	0	0	0	0	0
10/8/2023 14:46	40101 HUNT_T2	0	0	0	0	0	0	-0.69	-0.69	0	0	0	0	0	0
10/8/2023 14:47	40101 HUNT_T2	0	0	0	0	0	0	-0.69	-0.69	0	0	0	0	0	0
10/8/2023 14:47	44202 POIN_T2	1	0	-1	0.1	0	-0.1	-1.01	-1	1	1	0	1200	1200	0
10/8/2023 14:48	64305 LINC_T1	0	0	0	0	0	0	-0.64	-0.68	0	0	0	0	0	0
10/8/2023 14:50	44901 SCOT_T2	7	111	104	0.2	0.27	0.07	0	0	0	0	0	0	0	0
10/8/2023 14:50	65002 NEFF_T2	0	1	1	0	0	0	0	0	0	0	0	0	0	0
10/8/2023 14:51	44202 POIN_T2	1	0	-1	0.1	0	-0.1	-1.01	-1	1	1	0	1200	1200	0
10/8/2023 14:51	20401 ASHF_T2	2	2	0	0.1	0.5	0.4	0	0	0	0	0	0	0	0
10/8/2023 14:52	56503 ROCK_T2	1	1	0	0.2	0.2	0	0	0	0	0	0	0	0	0
10/8/2023 14:52	59402 RFLD_T2	3	2	-1	0.47	0.4	-0.07	-0.35	-0.33	0	0	0	0	0	0
10/8/2023 14:53	15001 BLMO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/8/2023 14:53	20403 ASHF_T2	0	0	0	0	0	0	0.11	0.14	0	0	0	0	0	0
10/8/2023 14:53	44902 SCOT_T2	7	19	12	0.47	0.33	-0.14	0	0	0	0	0	0	0	0
10/8/2023 14:53	67605 WARW_T1	0	5	5	0	0.2	0.2	-1.26	-1.28	0	0	0	0	0	0
10/8/2023 14:53	45902 AUBU_T1	4	0	-4	0.1	0	-0.1	-0.59	-0.59	0	0	0	0	0	0
10/8/2023 14:54	44802 EDAN_T2	0	0	0	0	0	0	-2.15	-2.15	1	1	0	1200	1200	0
10/8/2023 14:55	41603 CLEV_T1	0	0	0	0	0	0	0	0	1	1	0	600	600	0
10/8/2023 14:55	67503 WEWI_T2	1	1	0	0	0	0	-0.6	-0.58	0	0	0	0	0	0
10/8/2023 14:55	45902 AUBU_T1	4	0	-4	0.1	0	-0.1	-0.59	-0.59	0	0	0	0	0	0
10/8/2023 14:56	67502 WEWI_T2	0	0	0	0	0	0	-3.08	-3.06	2	2	0	1800	1800	0
10/8/2023 14:56	15001 BLMO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/8/2023 14:56	44802 EDAN_T2	0	0	0	0	0	0	-4.3	-4.3	2	2	0	2400	2400	0
10/8/2023 14:56	67503 WEWI_T2	0	1	1	0	0	0	-0.3	-0.29	0	0	0	0	0	0
10/8/2023 14:57	41602 CLEV_T1	0	0	0	0	0	0	0	0	1	1	0	600	600	0
10/8/2023 14:57	40101 HUNT_T2	0	0	0	0	0	0	-0.69	-0.69	0	0	0	0	0	0
10/8/2023 14:58	67503 WEWI_T2	0	1	1	0	0	0	-0.3	-0.29	0	0	0	0	0	0
10/8/2023 14:58	67503 WEWI_T2	0	1	1	0	0	0	-0.3	-0.29	0	0	0	0	0	0
10/8/2023 14:59	65001 NEFF_T2	0	0	0	0	0	0	-1.21	-1.22	1	1	0	1200	1200	0
10/8/2023 14:59	67502 WEWI_T2	0	0	0	0	0	0	-1.53	-1.55	1	1	0	900	900	0
10/8/2023 15:03	65604 QVIL_T2	0	0	0	0	0	0	0.24	0.24	0	0	0	0	0	0
10/8/2023 15:06	43001 ALWD_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/8/2023 15:07	65604 QVIL_T2	0	0	0	0	0	0	0.24	0.24	0	0	0	0	0	0
10/8/2023 15:07	15001 BLMO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/8/2023 15:08	40201 BEGA_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/8/2023 15:08	43001 ALWD_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/8/2023 15:08	67203 TEHI_T1	1	1	0	0	0	0.74	0.8	1	1	1	0	900	900	0
10/8/2023 15:09	15001 BLMO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/8/2023 15:10	45902 AUBU_T1	0	0	0	0	0	0	-0.59	-0.56	0	0	0	0	0	0
10/8/2023 15:10	40201 BEGA_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/8/2023 15:11	15001 BLMO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/8/2023 15:12	41502 FAIR_T2	0	0	0	0	0	0	-1.7	-0.69	1	0	-1	900	0	-900
10/8/2023 15:12	40201 BEGA_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/8/2023 15:12	15001 BLMO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/8/2023 15:13	40101 HUNT_T2	0	0	0	0	0	0	-0.69	-0.68	0	0	0	0	0	0
10/8/2023 15:15	40603 PIGR_T1	1	0	-1	0.2	0	-0.2	0.36	0.34	0	0	0	0	0	0
10/8/2023 15:15	65001 NEFF_T2	0	0	0	0	0	0	-1.22	-1.27	1	1	0	1200	1200	0
10/8/2023 15:18	64101 REFR_T1	0	0	0	0	0	0	0.03	0.04	0	0	0	0	0	0
10/8/2023 15:19	64101 REFR_T1	0	0	0	0	0	0	0.05	0.07	0	0	0	0	0	0
10/8/2023 15:20	64101 REFR_T1	0	0	0	0	0	0	0.03	0.04	0	0	0	0	0	0
10/8/2023 15:20	46302 ROHR_T1	8	9	1	1.45	1.24	-0.21	0	0	0	0	0	0	0	0
10/8/2023 15:21	64101 REFR_T1	0	0	0	0	0	0	0.03	0.04	0	0	0	0	0	0
10/8/2023 15:22	15001 BLMO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/8/2023 15:22	64101 REFR_T1	0	0	0	0	0	0	0.05	0.07	0	0	0	0	0	0
10/8/2023 15:28	52403 GRPA_T2	0	0	0	0	0	0	-0.09	-0.11	0	0	0	0	0	0
10/8/2023 15:39	15001 BLMO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/8/2023 15:40	66901 SHIL_T2	30	15	-15	0.14	0.16	0.02	-1.74	-1.74	1	1	0	1200	1200	0
10/8/2023 15:41	15001 BLMO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/8/2023 15:43	45002 LIME_2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/8/2023 15:44	52402 GRPA_T2	4	4	0	1.05	1	-0.05	0	0	0	0	0	0	0	0
10/8/2023 15:45	45003 LIME_2	2	2	0	2.2	2.4	0.2	0	0	1	1	0	1200	1200	0
10/8/2023 15:45	42901 MIDD_T2	724	707	-17	0.75	0.7	-0.05	0	0	0	0	0	0	0	0
10/8/2023 15:45	45001 LIME_2	34	33	-1	0.44	0.51	0.07	0	0	0	0	0	0	0	0
10/8/2023 15:46	45003 LIME_2	2	2	0	2.2	2.4	0.2	0	0	1	1	0	1200	1200	0
10/8/2023 15:47	64101 REFR_T1	0	0	0	0	0	0	-0.01	0.04	0	0	0	0	0	0
10/8/2023 15:48	42802 SELI_T1	11	9	-2	0.22	0.21	-0.01	-1.3	-1.3	0	0	0	0	0	0
10/8/2023 15:50	48302 ORWI_T2	2	2	0	0.8	0.8	0	-0.63	-0.62	0	0	0	0	0	0
10/8/2023 15:51	42802 SELI_T1	11	9	-2	0.22	0.21	-0.01	-1.3	-1.3	0	0	0	0	0	0
10/8/2023 15:51	59101 WALK_T2	1	1	0	0	0	0	1	1.01	0	0	0	0	0	0
10/8/2023 15:53	42802 SELI_T1	11	9	-2	0.22	0.21	-0.01	-2.6	-2.6	0	0	0	0	0	0
10/8/2023 15:55	59101 WALK_T2	1	1	0	0	0	0	1	1.01	0	0	0	0	0	0
10/8/2023 16:00	40101 HUNT_T2	1	0	-1	1.6	0	-1.6	-0.67	-0.66	0	0	0	0	0	0
10/8/2023 16:00	23401 HONE_T2	4	3	-1	0.45	0.27	-0.18	-0.01	-0.03	0	0	0	0	0	0
10/8/2023 16:16	52403 GRPA_T2	0	0	0	0	0	0	-0.06	-0.03	0	0	0	0	0	0
10/8/2023 16:17	45003 LIME_2	2	2	0	2.25	2.55	0.3	0	0	1	1	0	1200	1200	0
10/8/2023 16:23	56501 ROCK_T2	1	6	5	0.2	0.13	-0.07	-0.45	-0.45	0	0	0	0	0	0
10/8/2023 16:31	52402 GRPA_T2	1	1	0	3.4	3.8	0.4	0	0	0	0	0	0	0	0
10/8/2023 16:51	59101 WALK_T2	1	1	0	0	0	0	0.84	0.66	0	0	0	0	0	0
10/8/2023 17:47	29402 BELT_T1	1	1	0	7.2	7	-0.2	0	0	0	0	0	0	0	0
10/8/2023 18:31	45602 WOOL_T1	0	0	0	0	0	0	0.41	0.43	0	0	0	0	0	0
10/8/2023 19:25	42503 ALTA_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/8/2023 19:27	56501 ROCK_T2	1	1	0	2.4	0	-2.4	0	0	0	0	0	0	0	0
10/8/2023 19:28	46003 BERW_T2	1	1	0	0.3	0.9	0.6	0	0	0	0	0	0	0	0
10/8/2023 19:32	56501 ROCK_T2	1	0	-1	0.8	0	-0.8	0	0	0	0	0	0	0	0
10/8/2023 19:34	67502 WEWI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/8/2023 19:34	61303 EARL_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/8/2023 19:35	46301 ROHR_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/8/2023 19:39	52501 PROG_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/8/2023 19:41	61303 EARL_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/8/2023 19:41	56802 BENV_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/8/2023 19:42	45402 WILO_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/8/2023 19:42	22901 HARW_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/8/2023 19:43	64101 REFR_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/8/2023 19:44	46302 ROHR_T1	4	4	0	1.28	1.6	0.32	0	0	0	0	0	0	0	0
10/8/2023 19:44	56802 BENV_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/8/2023 19:45	26401 INOR_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/8/2023 19:46	54701 NEBL_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/8/2023 19:48	60801 BUCK_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/8/2023 19:48	61001 DONV_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/8/2023 19:49	51604 DUKE_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/8/2023 19:51	46203 DANV_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/8/2023 19:51	44202 POIN_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/8/2023 20:16	65001 NEFF_T2	0	0	0	0	0	0	-1.32	-1.33	1	1	0	1200	1200	0
10/8/2023 20:16	59402 RFLD_T2	0	0	0	0	0	0	-0.36	-0.35	0	0	0	0	0	0
10/8/2023 20:20	44901 SCOT_T2	0	0	0	0	0	0	-0.59	-0.61	0	0	0	0	0	0
10/8/2023 20:25	29402 BELT_T1	1	1	0	8.7	8.7	0	0	0	0	0	0	0	0	0
10/8/2023 20:26	28805 LAKE_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/8/2023 20:27	61001 DONV_T1	0	0	0	0	0	0	-0.14	-0.18	0	0	0	0	0	0
10/8/2023 20:27	44601 SALE_T2	0	0	0	0	0	0	-0.17	-0.19	0	0	0	0	0	0
10/8/2023 20:28	44601 SALE_T2	0	0	0	0	0	0	-0.17	-0.19	0	0	0	0	0	0
10/8/2023 20:29	41801 GOCI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/8/2023 20:31	28403 HART_T2	0	0	0	0	0	0	-0.61	-0.63	1	1	0	900	900	0
10/8/2023 20:31	12701 MACU_T1	0	0	0	0	0	0	0.05	0.05	0	0	0	0	0	0
10/8/2023 20:31	21901 HUMB_T1	0	0	0	0	0	0	-0.27	-0.28	0	0	0	0	0	0
10/8/2023 20:32	51604 DUKE_T2	0	1	1	0	0.1	0.1	-1.67	-1.68	1	1	0	900	900	0
10/8/2023 20:32	40201 BEGA_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/8/2023 20:32	44801 EDAN_T2	1	1	0	1.2	0.5	-0.7	0	0	0	0	0	0	0	0
10/8/2023 20:32	13503 MCMI_T2	0	0	0	0	0	0	-0.01	-0.01	0	0	0	0	0	0
10/8/2023 20:32	44901 SCOT_T2	0	0	0	0	0	0	-0.61	-0.61	0	0	0	0	0	0
10/8/2023 20:32	67502 WEWI_T2	21	124	103	0.15	0.21	0.06	-1.57	-1.51	1	1	0	900	900	0
10/8/2023 20:32	45602 WOOL_T1	0	0	0	0	0	0	0.38	0.37	0	0	0	0	0	0
10/8/2023 20:32	67503 WEWI_T2	0	1	1	0	0	0	-0.32	-0.31	0	0	0	0	0	0
10/8/2023 20:33	41602 CLEV_T1	0	0	0	0	0	0	0	0	1	1	0	600	600	0
10/8/2023 20:33	61301 EARL_T1	0	0	0	0	0	0	-0.53	-0.54	1	1	0	900	900	0
10/8/2023 20:33	48302 ORWI_T2	2	2	0	0.4	0.65	0.25	-0.68	-0.65	0	0	0	0	0	0
10/8/2023 20:34	45902 AUBU_T1	0	0	0	0	0	0	-0.52	-0.59	0	0	0	0	0	0
10/8/2023 20:34	29402 BELT_T1	1	1	0	8.7	8	-0.7	0	0	0	0	0	0	0	0
10/8/2023 20:34	15001 BLMO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/8/2023 20:34	29402 BELT_T1	1	1	0	8.7	8	-0.7	0	0	0	0	0	0	0	0
10/8/2023 20:34	24101 EHAZ_T1	17	26	9	0.44	0.44	0	0	0	0	0	0	0	0	0
10/8/2023 20:34	28601 BLYT_T2	0	1	1	0	0	0	0	0	0	0	0	0	0	0
10/8/2023 20:34	67502 WEWI_T2	21	124	103	0.15	0.21	0.06	-1.57	-1.51	1	1	0	900	900	0
10/8/2023 20:35	28801 LAKE_T1	0	3	3	0	0.1	0.1	0	0	0	0	0	0	0	0
10/8/2023 20:35	40201 BEGA_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/8/2023 20:35	41801 GOCI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/8/2023 20:35	40603 PIGR_T1	0	0	0	0	0	0	0.35	0.33	0	0	0	0	0	0
10/8/2023 20:35	23401 HONE_T2	1	1	0	0.2	0.6	0.4	-0.05	-0.01	0	0	0	0	0	0
10/8/2023 20:36	45902 AUBU_T1	0	0	0	0	0	0	-0.52	-0.59	0	0	0	0	0	0
10/8/2023 20:36	58402 MORO_T1	0	0	0	0	0	0	-0.67	-0.7	1	1	0	600	600	0
10/8/2023 20:37	23401 HONE_T2	1	1	0	0.2	0.6	0.4	-0.05	-0.01	0	0	0	0	0	0
10/8/2023 20:37	63401 HONY_T1	0	0	0	0	0	0	0.62	0.54	0	0	0	0	0	0
10/8/2023 20:37	56802 BENV_T2	1	1	0	0.5	0.6	0.1	-1.44	-1.49	0	0	0	0	0	0
10/8/2023 20:37	64801 MONE_T2	0	1	1	0	0.5	0.5	0.31	0.28	0	0	0	0	0	0
10/8/2023 20:37	42002 MNVL_T2	1	1	0	2.7	2.4	-0.3	0	0	0	0	0	0	0	0
10/8/2023 20:37	64101 REFR_T1	0	0	0	0	0	0	0.08	0.04	0	0	0	0	0	0
10/8/2023 20:37	28403 HART_T2	0	0	0	0	0	0	-0.61	-0.63	1	1	0	900	900	0
10/8/2023 20:37	15001 BLMO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/8/2023 20:38	56801 BENV_T1	8	13	5	0.54	0.65	0.11	-1.54	-1.64	2	2	0	1200	1200	0
10/8/2023 20:38	46302 ROHR_T1	4	4	0	2.03	2.08	0.05	0	0	0	0	0	0	0	0
10/8/2023 20:38	66505 SMAN_T2	3	3	0	0.63	0.87	0.24	0	0	0	0	0	0	0	0
10/8/2023 20:38	48302 ORWI_T2	2	2	0	0.4	0.65	0.25	-0.68	-0.65	0	0	0	0	0	0
10/8/2023 20:38	23401 HONE_T2	1	1	0	0.2	0.6	0.4	-0.05	-0.01	0	0	0	0	0	0
10/8/2023 20:38	29402 BELT_T1	1	1	0	8.7	8	-0.7	0	0	0	0	0	0	0	0
10/8/2023 20:38	52402 GRPA_T2	1	4	3	3.1	1.08	-2.02	0	0	0	0	0	0	0	0
10/8/2023 20:38	61303 EARL_T1	0	0	0	0	0	0	-0.09	-0.07	0	0	0	0	0	0
10/8/2023 20:39	67502 WEWI_T2	21	124	103	0.15	0.21	0.06	-1.57	-1.51	1	1	0	900	900	0
10/8/2023 20:39	20403 ASHF_T2	0	0	0	0	0	0	0.18	0.19	0	0	0	0	0	0
10/8/2023 20:39	41801 GOCI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/8/2023 20:39	56802 BENV_T2	1	1	0	0.5	0.6	0.1	-1.44	-1.49	0	0	0	0	0	0
10/8/2023 20:39	67503 WEWI_T2	0	0	0	0	0	0	-0.64	-0.62	0	0	0	0	0	0
10/8/2023 20:39	67203 TEHI_T1	1	1	0	0	0	0	0.77	0.79	1	1	0	900	900	0
10/8/2023 20:39	56801 BENV_T1	8	13	5	0.54	0.65	0.11	-0.77	-0.82	1	1	0	600	600	0
10/8/2023 20:40	56802 BENV_T2	1	1	0	0.5	0.6	0.1	-2.88	-2.98	0	0	0	0	0	0
10/8/2023 20:40	60801 BUCK_T1	8	8	0	0.1	0.11	0.01	-0.21	-0.2	0	0	0	0	0	0
10/8/2023 20:40	56801 BENV_T1	8	13	5	0.54	0.65	0.11	-1.54	-1.64	2	2	0	1200	1200	0
10/8/2023 20:40	26603 BROD_T1	0	0	0	0	0	0	0.15	0.15	0	0	0	0	0	0
10/8/2023 20:40	12701 MACU_T1	0	0	0	0	0	0	0.05	0.05	0	0	0	0	0	0
10/8/2023 20:40	58402 MORO_T1	0	0	0	0	0	0	-0.67	-0.7	1	1	0	600	600	0
10/8/2023 20:40	45902 AUBU_T1	0	0	0	0	0	0	-0.52	-0.59	0	0	0	0	0	0
10/8/2023 20:40	63601 LETO_T1	0	0	0	0	0	0	0.95	0.91	1	1	0	900	900	0
10/8/2023 20:40	10805 CHNI_T2	1	1	0	7.5	7.6	0.1	-1.32	-1.24	1	1	0	600	600	0
10/8/2023 20:41	56501 ROCK_T2	1	7	6	0.2	0.29	0.09	-0.45	-0.47	0	0	0	0	0	0
10/8/2023 20:41	40101 HUNT_T2	0	0	0	0	0	0	-0.62	-0.68	0	0	0	0	0	0
10/8/2023 20:41	67502 WEWI_T2	21	124	103	0.15	0.21	0.06	0	0	0	0	0	0	0	0
10/8/2023 20:42	64101 REFR_T1	0	0	0	0	0	0	0.08	0.04	0	0	0	0

10/8/2023 20:47	44801 EDAN_T2	1	1	0	0.8	0.4	-0.4	0	0	0	0	0	0	0
10/8/2023 20:47	42802 SELI_T1	0	0	0	0	0	0	-1.39	-1.35	0	0	0	0	0
10/8/2023 20:47	44202 POIN_T2	0	0	0	0	0	0	-1.02	-1.02	1	1	0	1200	1200	0
10/8/2023 20:47	64101 REFR_T1	0	0	0	0	0	0	0.04	0.07	0	0	0	0	0	0
10/8/2023 20:47	49803 UNIV_T1	0	0	0	0	0	0	-1.31	-1.26	0	0	0	0	0	0
10/8/2023 20:48	56501 ROCK_T2	4	13	9	0.23	0.25	0.02	0	0	0	0	0	0	0	0
10/8/2023 20:48	59301 MCAL_T1	58	82	24	0.36	0.56	0.2	0	0	0	0	0	0	0	0
10/8/2023 20:48	44301 BEAV_T2	2	2	0	0.5	0.8	0.3	0	0	0	0	0	0	0	0
10/8/2023 20:48	45702 LIND_T2	0	0	0	0	0	0	-0.57	-0.57	0	0	0	0	0	0
10/8/2023 20:48	42802 SELI_T1	0	0	0	0	0	0	-4.18	-4.06	0	0	0	0	0	0
10/8/2023 20:48	56801 BENV_T1	9	17	8	0.72	0.57	-0.15	-0.82	-0.82	1	1	0	600	600	0
10/8/2023 20:48	64101 REFR_T1	0	0	0	0	0	0	0.04	0.07	0	0	0	0	0	0
10/8/2023 20:48	59402 RFLD_T2	0	1	1	0	0.2	0.2	-0.35	-0.36	0	0	0	0	0	0
10/8/2023 20:48	58402 MORO_T1	0	0	0	0	0	0	-0.7	-0.68	1	1	0	600	600	0
10/8/2023 20:48	56802 BENV_T2	1	1	0	0.6	0.5	-0.1	-1.49	-1.45	0	0	0	0	0	0
10/8/2023 20:48	42903 MIDD_T2	7	27	20	0.8	0.38	-0.42	0	0	0	0	0	0	0	0
10/8/2023 20:48	59101 WALK_T2	1	1	0	0	0	0	0.95	0.52	1	1	0	450	450	0
10/8/2023 20:48	44202 POIN_T2	0	0	0	0	0	0	-1.02	-1.02	1	1	0	1200	1200	0
10/8/2023 20:49	43001 ALWD_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/8/2023 20:49	56802 BENV_T2	1	1	0	0.6	0.5	-0.1	-1.49	-1.45	0	0	0	0	0	0
10/8/2023 20:49	44302 BEAV_T2	116	168	52	0.36	0.45	0.09	0.4	0.42	0	0	0	0	0	0
10/8/2023 20:49	42802 SELI_T1	0	0	0	0	0	0	-2.78	-2.71	0	0	0	0	0	0
10/8/2023 20:49	40101 HUNT_T2	0	0	0	0	0	0	-0.68	-0.71	0	0	0	0	0	0
10/8/2023 20:49	56801 BENV_T1	9	17	8	0.72	0.57	-0.15	-1.64	-1.64	2	2	0	1200	1200	0
10/8/2023 20:50	42901 MIDD_T2	201	270	69	0.33	0.42	0.09	0	0	0	0	0	0	0	0
10/8/2023 20:50	45003 LIME_2	1	1	0	3	3.5	0.5	0	0	3	3	0	3600	3600	0
10/8/2023 20:50	49803 UNIV_T1	0	0	0	0	0	0	-1.31	-1.26	0	0	0	0	0	0
10/8/2023 20:50	44302 BEAV_T2	116	168	52	0.36	0.45	0.09	0.2	0.21	0	0	0	0	0	0
10/8/2023 20:50	44901 SCOT_T2	0	5	5	0	0.1	0.1	-0.61	-0.62	0	0	0	0	0	0
10/8/2023 20:50	42802 SELI_T1	0	0	0	0	0	0	-1.39	-1.35	0	0	0	0	0	0
10/8/2023 20:50	64305 LINC_T1	0	0	0	0	0	0	-0.7	-0.73	0	0	0	0	0	0
10/8/2023 20:50	44202 POIN_T2	0	0	0	0	0	0	-1.02	-1.02	1	1	0	1200	1200	0
10/8/2023 20:50	56801 BENV_T1	9	17	8	0.72	0.57	-0.15	-0.82	-0.82	1	1	0	600	600	0
10/8/2023 20:50	43304 WATS_T2	0	0	0	0	0	0	-0.74	-0.75	0	0	0	0	0	0
10/8/2023 20:50	59402 RFLD_T2	0	1	1	0	0.2	0.2	-0.35	-0.36	0	0	0	0	0	0
10/8/2023 20:50	59101 WALK_T2	1	1	0	0	0	0	0.95	0.52	1	1	0	450	450	0
10/8/2023 20:50	64101 REFR_T1	0	0	0	0	0	0	0.04	0.07	0	0	0	0	0	0
10/8/2023 20:51	52403 GRPA_T2	0	0	0	0	0	0	-0.1	-0.11	0	0	0	0	0	0
10/8/2023 20:51	46206 DANV_T2	0	1	1	0	0	0	0	0	0	0	0	0	0	0
10/8/2023 20:51	45004 LIME_2	0	1	1	0	0	0	0	0	0	0	0	0	0	0
10/8/2023 20:51	52401 GRPA_T2	0	1	1	0	0.1	0.1	-0.6	-0.59	0	0	0	0	0	0
10/8/2023 20:51	54701 NEBL_T1	0	0	0	0	0	0	0	0	1	1	0	600	600	0
10/8/2023 20:51	44301 BEAV_T2	2	2	0	0.5	0.8	0.3	0	0	0	0	0	0	0	0
10/8/2023 20:51	42802 SELI_T1	0	0	0	0	0	0	-1.39	-1.35	0	0	0	0	0	0
10/8/2023 20:51	59101 WALK_T2	1	1	0	0	0	0	0.95	0.52	1	1	0	450	450	0
10/8/2023 20:51	42802 SELI_T1	0	0	0	0	0	0	-1.39	-1.35	0	0	0	0	0	0
10/8/2023 20:51	44202 POIN_T2	0	0	0	0	0	0	-1.02	-1.02	1	1	0	1200	1200	0
10/8/2023 20:51	44802 EDAN_T2	0	0	0	0	0	0	-1.3	-1.31	0	0	0	0	0	0
10/8/2023 20:51	56801 BENV_T1	9	17	8	0.72	0.57	-0.15	-3.28	-3.28	4	4	0	2400	2400	0
10/8/2023 20:52	42802 SELI_T1	0	0	0	0	0	0	-2.78	-2.71	0	0	0	0	0	0
10/8/2023 20:52	56801 BENV_T1	9	17	8	0.72	0.57	-0.15	-0.82	-0.82	1	1	0	600	600	0
10/8/2023 20:52	43301 WATS_T2	0	0	0	0	0	0	0.29	0.3	0	0	0	0	0	0
10/8/2023 20:53	59101 WALK_T2	1	1	0	0	0	0	0.95	0.52	1	1	0	450	450	0
10/8/2023 20:53	52403 GRPA_T2	0	0	0	0	0	0	-0.2	-0.22	0	0	0	0	0	0
10/8/2023 20:53	42802 SELI_T1	0	0	0	0	0	0	-4.18	-4.06	0	0	0	0	0	0
10/8/2023 21:04	46504 LOHA_T1	0	1	1	0	0.1	0.1	0	0	0	0	0	0	0	0
10/8/2023 21:13	56501 ROCK_T2	6	55	49	0.32	0.17	-0.15	0	0	0	0	0	0	0	0
10/8/2023 22:05	28604 BLYT_T2	0	0	0	0	0	0	-1.38	-1.38	0	0	0	0	0	0
10/9/2023 0:28	42802 SELI_T1	5	5	0	0.1	0.18	0.08	-2.9	-2.9	0	0	0	0	0	0
10/9/2023 0:28	64101 REFR_T1	0	0	0	0	0	0	-0.01	0	0	0	0	0	0	0
10/9/2023 0:28	66505 SMAN_T2	0	3	3	0	0.27	0.27	-0.42	-0.51	1	1	0	900	200	-700
10/9/2023 0:28	44301 BEAV_T2	2	2	0	0.5	0.6	0.1	0	0	0	0	0	0	0	0
10/9/2023 0:28	66901 SHIL_T2	1	1	0	1	1.1	0.1	-1.89	-1.87	1	1	0	1200	1200	0
10/9/2023 0:28	15001 BLMO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/9/2023 0:28	56501 ROCK_T2	14	33	19	0.64	0.35	-0.29	0	0	0	0	0	0	0	0
10/9/2023 0:28	44902 SCOT_T2	0	0	0	0	0	0	-1.01	-1.01	0	0	0	0	0	0
10/9/2023 0:28	59402 RFLD_T2	1	1	0	1.3	1.4	0.1	-0.41	-0.4	0	0	0	0	0	0
10/9/2023 0:28	13503 MCMI_T2	0	0	0	0	0	0	-0.01	-0.01	0	0	0	0	0	0
10/9/2023 0:28	10801 CHHI_T1	0	0	0	0	0	0	-1.07	-1.1	1	1	0	900	900	0
10/9/2023 0:28	12701 MACU_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/9/2023 0:28	46302 ROHR_T1	4	5	1	2.18	1.86	-0.32	0.13	0.12	0	0	0	0	0	0
10/9/2023 0:28	42802 SELI_T1	5	5	0	0.1	0.18	0.08	-2.9	-2.9	0	0	0	0	0	0
10/9/2023 0:28	61306 EARL_T1	19	34	15	0.12	0.12	0	0	0	0	0	0	0	0	0
10/9/2023 0:28	17805 GILB_T2	0	0	0	0	0	0	0.08	0.02	0	0	0	0	0	0
10/9/2023 0:28	64301 LINC_T1	0	0	0	0	0	0	0.03	0.04	0	0	0	0	0	0
10/9/2023 0:28	42301 SHEN_T2	0	0	0	0	0	0	0.35	0.34	0	0	0	0	0	0
10/9/2023 0:28	56802 BENV_T2	3	1	-2	0.43	0.7	0.27	-1.46	-1.46	0	0	0	0	0	0
10/9/2023 0:28	44904 SCOT_T1	0	0	0	0	0	0	0.45	0.47	0	0	0	0	0	0
10/9/2023 0:28	43001 ALWD_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/9/2023 0:39	46803 HEPB_T2	0	0	0	0	0	0	0.38	0.38	0	0	0	0	0	0
10/9/2023 0:40	46801 HEPB_T2	2	2	0	0.45	0.45	0	0.42	0.48	0	0	0	0	0	0
10/9/2023 1:01	65604 QVIL_T2	0	0	0	0	0	0	0.15	0.15	0	0	0	0	0	0
10/9/2023 1:01	67502 WEWI_T2	0	0	0	0	0	0	-1.7	-1.72	1	1	0	900	900	0
10/9/2023 1:02	65603 QVIL_T2	0	1	1	0	0.2	0.2	0	0	0	0	0	0	0	0
10/9/2023 1:04	60803 BUCK_T1	0	0	0	0	0	0	-2.16	-2.28	2	2	0	1200	1200	0
10/9/2023 7:04	54701 NEBL_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/9/2023 7:10	46203 DANV_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/9/2023 7:26	46203 DANV_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/9/2023 7:55	43402 BENT_T1	0	0	0	0	0	0	-0.93	-0.9	1	1	0	900	900	0
10/9/2023 8:02	54701 NEBL_T1	0	2	2	0	0.25	0.25	0	0	1	1	0	600	600	0
10/9/2023 8:07	43001 ALWD_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/9/2023 8:10	43001 ALWD_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/9/2023 8:11	46803 HEPB_T2	3	3	0	0.1	0.2	0.1	0.26	0.26	0	0	0	0	0	0
10/9/2023 8:11	46801 HEPB_T2	13	12	-1	0.25	0.25	0	0.53	0.55	0	0	0	0	0	0
10/9/2023 8:11	46203 DANV_T2	0	0	0	0	0	0	-0.18	-0.14	0	0	0	0	0	0
10/9/2023 8:16	46801 HEPB_T2	12	3	-9	0.21	0.67	0.46	0.55	0.57	0	0	0	0	0	0
10/9/2023 8:24	59102 WALK_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/9/2023 8:27	46203 DANV_T2	0	0	0	0	0	0	-0.14	-0.1	0	0	0	0	0	0
10/9/2023 8:33	54701 NEBL_T1	2	6	4	0.25	0.38	0.13	0	0	1	1	0	600	600	0
10/9/2023 8:35	59102 WALK_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/9/2023 8:38	59101 WALK_T2	1	2	1	0	0.1	0.1	1.86	1.48	1	0	-1	600	0	-600
10/9/2023 8:38	45901 AUBU_T1	0	0	0	0	0	0	0.43	0.33	0	0	0	0	0	0
10/9/2023 8:42	52404 GRPA_T2	0	1	1	0	0	0	0	0	0	0	0	0	0	0
10/9/2023 8:46	40101 HUNT_T2	0	0	0	0	0	0	-0.4	-0.14	0	0	0	0	0	0
10/9/2023 8:55	54502 ENOL_T2	1	1	0	0.6	0.9	0.3	-4.06	-4.18	2	2	0	1200	1200	0
10/9/2023 8:58	22901 HARW_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/9/2023 8:59	56603 HAMP_T1	0	39	39	0	0.12	0.12	0	0	0	0	0	0	0	0
10/9/2023 9:06	59101 WALK_T2	2	17	15	0.1	0.19	0.09	0.98	0.55	0	0	0	0	0	0
10/9/2023 9:08	43001 ALWD_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/9/2023 9:09	26603 BROO_T1	1	0	-1	1.7	0	-1.7	0.21	0.18	0	0	0	0	0	0
10/9/2023 9:10	43001 ALWD_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/9/2023 9:10	54701 NEBL_T1	6	0	-6	0.38	0	-0.38	0	0	1	0	-1	600	0	-600
10/9/2023 9:10	53501 EVIL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/9/2023 9:10	54505 ENOL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/9/2023 9:13	52004 LING_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/9/2023 9:14	45802 HEGI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/9/2023 9:15	53903 HAU_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/9/2023 9:16	58402 MORO_T1	0	0	0	0	0	0	-1.01	-1	2	2	0	1500	1500	0
10/9/2023 9:18	58402 MORO_T1	0	0	0	0	0	0	-2.02	-2	4	4	0	3000	3000	0
10/9/2023 9:19	14403 SSLA_T1	0	0	0	0	0	0	0.92	0.99	0	0	0	0	0	0
10/9/2023 9:20	14404 SSLA_T1	1	3	2	0.2	0.3	0.1	0	0	0	0	0	0	0	0
10/9/2023 9:21	67001 STHI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/9/2023 9:21	54206 PENN_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/9/2023 9:22	59102 WALK_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/9/2023 9:22	49803 UNIV_T1	0	0	0	0	0	0	-1.07	-1.09	0	0	0	0	0	0
10/9/2023 9:23	43001 ALWD_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/9/2023 9:25	43001 ALWD_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/9/2023 9:26	54505 ENOL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/9/2023 9:26	25801 SUTR_T2	0	0	0	0	0	0	-0.04	-0.04	0	0	0	0	0	0
10/9/2023 9:27	52402 GRPA_T2	6	7	1	1.18	0.7	-0.48	0	0	0	0	0	0	0	0
10/9/2023 9:28	41801 GOCI_T2	4	7	3	0.23	0.46	0.23	0	0	0	0	0	0	0	0
10/9/2023 9:29	52402 GRPA_T2	6	7	1	1.18	0.7	-0.48	0	0	0	0	0	0	0	0
10/9/2023 9:29	12205 FOGE_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/9/2023 9:30	45802 HEGI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/9/2023 9:30	52402 GRPA_T2	7	9	2	0.69	0.63	-0.06	0	0	0	0	0	0	0	0
10/9/2023 9:30	41801 GOCI_T2	4	7	3	0.53	0.46	-0.07	0	0	0	0	0	0	0	0
10/9/2023 9:30	15001 BLMO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/9/2023 9:31	47802 MOCA_T2	0	1	1	0	0.3	0.3	-0.96	-0.96	0	0	0	0	0	0
10/9/2023 9:34	42001 MNVL_T2	1	2	1	0.1	0.25	0.15	0.02	0.03	0	0	0	0	0	0
10/9/2023 9:34	54701 NEBL_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/9/2023 9:36	43304 WATS_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/9/2023 9:36	58401 MORO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/9/2023 9:37	67001 STHI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/9/2023 9:37	67503 WEWI_T2	0	0	0	0	0	0	-0.28	-0.28	0	0	0	0	0	0
10/9/2023 9:38	10801 CHHI_T1	0	0	0	0	0	0	-0.91	-0.7	1	1	0	900	900	0
10/9/2023 9:38	53601 DALM_T2	1	1	0	0.8	0.2	-0.6	-0.23	-0.26	1	1	0	600	600	0
10/9/2023 9:43	41502 FAIR_T2	0	0	0	0	0	0	-0.68	-0.68	0	0	0	0	0	0
10/9/2023 9:45	52403 GRPA_T2	1	6	5	0.1	0.38	0.28	0.02	0.04	0	0	0	0	0	0
10/9/2023 9:46	43202 MVIL_T2	1	1	0	0.1	0.7	0.6	-0.59	-0.56	0	0	0	0	0	0
10/9/2023 9:47	43202 MVIL_T2	1	1	0	0.1	0.7	0.6	-0.59	-0.56	0	0	0	0	0	0
10/9/2023 9:49	41901 REED_T1	9	11	2	0.49	0.53	0.04	-1.36	-1.36	1	1	0	900	900	0
10/9/2023 9:50	20401 ASHF_T2	0	1	1	0	0.5	0.5	0	0	0	0	0	0	0	0
10/9/2023 9:51	20401 ASHF_T2	0	1	1	0	0.5	0.5	0	0	0	0	0	0	0	0
10/9/2023 9:52	13701 SCHN_T2	5	7	2	0.12	0.27	0.15	0	0	0	0	0	0	0	0
10/9/2023 9:53	60801 BUCK_T1	0	0	0	0	0	0	-0.05	-0.02	0	0	0	0	0	0
10/9/2023 9:58	64301 LINC_T1	0	0	0	0	0	0	-0.01	-0.01	1	1	0	600	600	0
10/9/2023 10:00	46003 BERV_T2	1	1	0	0.4	0	-0.4	0	0	0	0	0	0	0	0
10/9/2023 10:00	41901 REED_T1	11	11	0	0.52	0.57	0.05	-1.36	-1.34	1	1	0	900	900	0
10/9/2023 10:00	20403 ASHF_T2	10	9	-1	0.27	0.39	0.12	0	0	0	0	0	0	0	0
10/9/2023 10:00	15003 BLMO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/9/2023 10:00	64801 MONE_T2	0	0	0	0	0	0	0.29	0.31	0	0	0	0	0	0
10/9/2023 10:00	53903 HAU_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/9/2023 10:00	45802 HEGI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/9/2023 10:00	64303 LINC_T1	0	0	0	0	0	0	-0.24	-0.23	0	0	0	0	0	0
10/9/2023 10:00	12604 MACA_T1	0	0	0	0	0	0	0.35	0.32	0	0	0	0	0	0
10/9/2023 10:00	43402 BENT_T1	3	2	-1	0.4	0.2	-0.2	-0.83	-0.82	1	1	0	900	900	0
10/9/2023 10:00	56601 HAMP_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/9/2023 10:00	67001 STHI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/9/2023 10:00	44902 SCOT_T2	10	21	11	0.11	0.34	0.23	0	0	0	0	0	0	0	0
10/9/2023 10:00	52004 LING_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/9/2023 10:00	59102 WALK_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/9/2023 10:00	58401 MORO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/9/2023 10:00	53501 EVIL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/9/2023 10:00	12205 FOGE_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/9/2023 10:00	56802 BENV_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/9/2023 10:00	52402 GRPA_T2	7	8	1	0.74	0.86	0.12	0	0	0	0	0	0	0	0
10/9/2023 10:00	13704 SCHN_T2	4	6	2	0.2	0.32	0.12	-0.62	-0.67	0	0	0	0	0	0
10/9/2023 10:00	52503 PROG_T2	0	0	0	0	0	0	-0.69	-0.69	1	1	0	900	900	0
10/9/2023 10:00	46203 DANV_T2	4	8	4	0.45	0.51	0.06	-0.06	-0.05	0	0	0	0	0	0
10/9/2023 10:00	43304 WATS_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/9/2023 10:00	22901 HARW_T1	0	0	0	0	0	0	0	0	0

Appendix C - Grid Benefits Achieved in Each Instance of Active Management

10/9/2023 10:13	45802 HEGI_T2	0	0	0	0	0	0	1.01	1.06	0	0	0	0	0	0
10/9/2023 10:13	12701 MACU_T1	1	1	0	0.4	0.1	-0.3	0.06	0.11	0	0	0	0	0	0
10/9/2023 10:13	54505 ENOL_T2	1	1	0	0.9	1.2	0.3	-1.34	-1.31	1	1	0	600	600	0
10/9/2023 10:13	53502 EVIL_T2	1	0	-1	0.7	0	-0.7	0	0	0	0	0	0	0	0
10/9/2023 10:13	56603 HAMP_T1	0	18	18	0	0.12	0.12	0	0	0	0	0	0	0	0
10/9/2023 10:13	64301 LINC_T1	0	0	0	0	0	0	-0.01	-0.01	1	1	0	600	600	0
10/9/2023 10:14	53903 HALI_T2	2	2	0	0.95	0.9	-0.05	-0.08	-0.11	0	0	0	0	0	0
10/9/2023 10:14	54502 ENOL_T2	1	3	2	0.7	0.47	-0.23	-2.08	-2.1	1	1	0	600	600	0
10/9/2023 10:14	53502 EVIL_T2	1	0	-1	0.7	0	-0.7	0	0	0	0	0	0	0	0
10/9/2023 10:14	12701 MACU_T1	1	1	0	0.4	0.1	-0.3	0.11	0.15	0	0	0	0	0	0
10/9/2023 10:14	28403 HART_T2	0	0	0	0	0	0	-0.94	-1	1	1	0	900	900	0
10/9/2023 10:15	54505 ENOL_T2	1	1	0	1	1.3	0.3	-1.31	-1.34	1	1	0	600	600	0
10/9/2023 10:15	41801 GOCI_T2	0	7	7	0	0.41	0.41	0	0	0	0	0	0	0	0
10/9/2023 10:18	13701 SCHN_T2	7	14	7	0.27	0.21	-0.06	0	0	0	0	0	0	0	0
10/9/2023 10:18	56503 ROCK_T2	2	3	1	0.25	0.23	-0.02	0	0	0	0	0	0	0	0
10/9/2023 10:18	54701 NEBL_T1	3	6	3	0.13	0.2	0.07	0	0	1	1	0	600	600	0
10/9/2023 10:18	43202 MVIL_T2	1	1	0	0.2	0.2	0	-1.22	-1.18	0	0	0	0	0	0
10/9/2023 10:19	65001 NEFF_T2	1	0	-1	0.1	0	-0.1	-0.32	-0.37	1	1	0	1200	1200	0
10/9/2023 10:19	52502 PROG_T2	1	1	0	0.3	0.5	0.2	-0.68	-0.67	1	1	0	900	900	0
10/9/2023 10:19	42802 SELI_T1	0	0	0	0	0	0	-1.21	-1.2	0	0	0	0	0	0
10/9/2023 10:19	67001 STHI_T2	501	610	109	0.21	0.3	0.09	0	0	0	0	0	0	0	0
10/9/2023 10:20	52502 PROG_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/9/2023 10:20	60504 NMAN_T2	0	2	2	0	0.55	0.55	0	0	0	0	0	0	0	0
10/9/2023 10:20	67001 STHI_T2	501	610	109	0.21	0.3	0.09	0	0	0	0	0	0	0	0
10/9/2023 10:20	42802 SELI_T1	0	0	0	0	0	0	-1.21	-1.2	0	0	0	0	0	0
10/9/2023 10:21	42802 SELI_T1	0	0	0	0	0	0	-1.21	-1.2	0	0	0	0	0	0
10/9/2023 10:21	67502 WEWI_T2	7	16	9	0.21	0.34	0.13	-0.17	-0.19	0	0	0	0	0	0
10/9/2023 10:21	42002 MNVL_T2	1	1	0	3.3	3	-0.3	0	0	0	0	0	0	0	0
10/9/2023 10:21	44902 SCOT_T2	12	22	10	0.38	0.35	-0.03	-0.97	-0.93	0	0	0	0	0	0
10/9/2023 10:21	52502 PROG_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/9/2023 10:21	59101 WALK_T2	1	1	0	0	0	0	0.48	0.55	0	0	0	0	0	0
10/9/2023 10:22	67503 WEWI_T2	0	1	1	0	0.1	0.1	0	0	0	0	0	0	0	0
10/9/2023 10:22	42802 SELI_T1	0	0	0	0	0	0	-1.21	-1.2	0	0	0	0	0	0
10/9/2023 10:22	56802 BENV_T2	3	12	9	0.57	0.29	-0.28	-1.46	-1.44	0	0	0	0	0	0
10/9/2023 10:22	67002 STHI_T2	97	317	220	0.19	0.18	-0.01	0	0	0	0	0	0	0	0
10/9/2023 10:22	46001 BERW_T1	0	0	0	0	0	0	1.02	1.03	0	0	0	0	0	0
10/9/2023 10:23	66504 SMAN_T2	0	1	1	0	0.2	0.2	0	0	0	0	0	0	0	0
10/9/2023 10:23	46001 BERW_T1	0	0	0	0	0	0	1.02	1.03	0	0	0	0	0	0
10/9/2023 10:23	67503 WEWI_T2	0	1	1	0	0.1	0.1	-0.27	-0.26	0	0	0	0	0	0
10/9/2023 10:23	67001 STHI_T2	501	610	109	0.21	0.3	0.09	0	0	0	0	0	0	0	0
10/9/2023 10:24	67503 WEWI_T2	0	1	1	0	0.1	0.1	-0.27	-0.26	0	0	0	0	0	0
10/9/2023 10:24	67503 WEWI_T2	0	1	1	0	0.1	0.1	-0.27	-0.26	0	0	0	0	0	0
10/9/2023 10:25	54505 ENOL_T2	1	2	1	1	1.3	0.3	0	0	0	0	0	0	0	0
10/9/2023 10:25	41502 FAIR_T2	0	0	0	0	0	0	-0.68	-0.69	0	0	0	0	0	0
10/9/2023 10:25	56802 BENV_T2	3	12	9	0.57	0.29	-0.28	-0.73	-0.72	0	0	0	0	0	0
10/9/2023 10:26	61803 EELI_T2	1	2	1	0.6	0.6	0	0	0	0	0	0	0	0	0
10/9/2023 10:26	56603 HAMP_T1	4	31	27	0.1	0.13	0.03	0	0	0	0	0	0	0	0
10/9/2023 10:26	52402 GRPA_T2	7	8	1	0.59	0.85	0.26	0	0	0	0	0	0	0	0
10/9/2023 10:26	29402 BELT_T1	4	5	1	2.63	2.44	-0.19	0	0	0	0	0	0	0	0
10/9/2023 10:27	23401 HONE_T2	0	0	0	0	0	0	-0.39	-0.41	0	0	0	0	0	0
10/9/2023 10:27	65004 NEFF_T2	1	0	-1	0.1	0	-0.1	0	0	0	0	0	0	0	0
10/9/2023 10:27	17804 GILB_T2	1	3	2	1.4	0.67	-0.73	0	0	0	0	0	0	0	0
10/9/2023 10:27	56802 BENV_T2	3	12	9	0.57	0.29	-0.28	-0.73	-0.72	0	0	0	0	0	0
10/9/2023 10:28	17802 GILB_T1	0	2	2	0	0.55	0.55	0.14	0.16	0	0	0	0	0	0
10/9/2023 10:28	46801 HEPB_T2	2	3	1	0.75	0.67	-0.08	0.56	0.59	0	0	0	0	0	0
10/9/2023 10:28	54504 ENOL_T2	0	1	1	0	0.2	0.2	0	0	0	0	0	0	0	0
10/9/2023 10:28	21901 HUMB_T1	0	0	0	0	0	0	-1.47	-1.53	0	0	0	0	0	0
10/9/2023 10:28	12205 FOGE_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/9/2023 10:28	17805 GILB_T2	1	3	2	0.7	0.33	-0.37	0.03	0	0	0	0	0	0	0
10/9/2023 10:29	17805 GILB_T2	1	3	2	0.7	0.33	-0.37	0	0	0	0	0	0	0	0
10/9/2023 10:29	42903 MIDD_T2	0	2	2	0	0.2	0.2	0	0	0	0	0	0	0	0
10/9/2023 10:30	52402 GRPA_T2	8	7	-1	0.85	0.87	0.02	0	0	0	0	0	0	0	0
10/9/2023 10:30	58401 MORO_T1	0	0	0	0	0	0	-1.9	-1.92	2	2	0	1200	1200	0
10/9/2023 10:30	64305 LINC_T1	0	0	0	0	0	0	-0.13	-0.11	0	0	0	0	0	0
10/9/2023 10:30	12202 FOGE_T2	4	5	1	0.9	0.96	0.06	-0.29	-0.37	1	1	0	600	600	0
10/9/2023 10:31	39601 LNFD_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/9/2023 10:32	58402 MORO_T1	0	0	0	0	0	0	-0.87	-0.88	2	2	0	1500	1500	0
10/9/2023 10:33	58401 MORO_T1	0	0	0	0	0	0	-1.9	-1.92	2	2	0	1200	1200	0
10/9/2023 10:33	54001 SDLE_T1	6	9	3	0.85	0.79	-0.06	0	0	1	1	0	600	600	0
10/9/2023 10:33	48302 ORWI_T2	2	2	0	0.2	0.25	0.05	0.04	0.05	0	0	0	0	0	0
10/9/2023 10:33	64802 MONE_T2	4	7	3	0.4	0.37	-0.03	0.26	0.24	0	0	0	0	0	0
10/9/2023 10:33	65604 QVIL_T2	0	0	0	0	0	0	0.37	0.32	0	0	0	0	0	0
10/9/2023 10:34	54001 SDLE_T1	6	9	3	0.85	0.79	-0.06	0	0	1	1	0	600	600	0
10/9/2023 10:34	65604 QVIL_T2	0	0	0	0	0	0	0.37	0.32	0	0	0	0	0	0
10/9/2023 10:34	16402 MOPO_T1	0	0	0	0	0	0	1.62	1.56	0	0	0	0	0	0
10/9/2023 10:35	43301 WATS_T2	1	1	0	1	1.2	0.2	0	0	0	0	0	0	0	0
10/9/2023 10:36	42701 AUGU_T1	0	0	0	0	0	0	0	0	4	4	0	3600	3600	0
10/9/2023 10:36	43304 WATS_T2	0	0	0	0	0	0	-0.58	-0.5	0	0	0	0	0	0
10/9/2023 10:36	43304 WATS_T2	0	0	0	0	0	0	-0.58	-0.5	0	0	0	0	0	0
10/9/2023 10:36	59101 WALK_T2	1	1	0	0	0	0	0.55	0.38	0	0	0	0	0	0
10/9/2023 10:36	16302 ALPA_T2	0	1	1	0	0.4	0.4	0.63	0.64	0	0	0	0	0	0
10/9/2023 10:36	16301 ALPA_T1	5	11	6	0.22	0.17	-0.05	-0.42	-0.45	0	0	0	0	0	0
10/9/2023 10:37	16302 ALPA_T2	0	1	1	0	0.4	0.4	1.26	1.28	0	0	0	0	0	0
10/9/2023 10:37	16301 ALPA_T1	5	11	6	0.22	0.17	-0.05	-0.42	-0.45	0	0	0	0	0	0
10/9/2023 10:38	67502 WEWI_T2	10	16	6	0.36	0.35	-0.01	-0.37	-0.34	0	0	0	0	0	0
10/9/2023 10:38	61102 BERK_T5	1	3	2	0.2	0.23	0.03	0	0	0	0	0	0	0	0
10/9/2023 10:38	16302 ALPA_T2	0	1	1	0	0.4	0.4	0.63	0.64	0	0	0	0	0	0
10/9/2023 10:39	45902 AUBU_T1	0	0	0	0	0	0	-0.55	-0.46	1	1	0	600	600	0
10/9/2023 10:39	67503 WEWI_T2	0	1	1	0	0.1	0.1	-0.26	-0.3	0	0	0	0	0	0
10/9/2023 10:39	43304 WATS_T2	0	0	0	0	0	0	-0.58	-0.5	0	0	0	0	0	0
10/9/2023 10:40	29401 BELT_T1	103	0	-103	0.3	0	-0.3	0	0	0	0	0	0	0	0
10/9/2023 10:40	61001 DONV_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/9/2023 10:40	45902 AUBU_T1	0	0	0	0	0	0	-0.55	-0.46	1	1	0	600	600	0
10/9/2023 10:41	16301 ALPA_T1	5	11	6	0.22	0.17	-0.05	-0.42	-0.45	0	0	0	0	0	0
10/9/2023 10:41	45902 AUBU_T1	0	0	0	0	0	0	-0.55	-0.46	1	1	0	600	600	0
10/9/2023 10:42	29401 BELT_T1	103	0	-103	0.3	0	-0.3	0	0	0	0	0	0	0	0
10/9/2023 10:42	40101 HUNT_T2	1	1	0	0.1	0.3	0.2	-0.34	-0.3	0	0	0	0	0	0
10/9/2023 10:43	13105 NHAM_T2	0	0	0	0	0	0	-0.36	-0.37	1	1	0	1200	1200	0
10/9/2023 10:43	46801 HEPB_T2	2	3	1	0.85	0.67	-0.18	0.59	0.58	0	0	0	0	0	0
10/9/2023 10:43	15001 BLMO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/9/2023 10:44	15001 BLMO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/9/2023 10:44	12701 MACU_T1	0	-1	-1	0.1	0	-0.1	0.13	0.12	0	0	0	0	0	0
10/9/2023 10:45	58402 MORO_T1	0	0	0	0	0	0	-0.88	-0.88	2	2	0	1500	1500	0
10/9/2023 10:45	40101 HUNT_T2	1	1	0	0.3	0.1	-0.2	-0.15	-0.13	0	0	0	0	0	0
10/9/2023 10:46	15001 BLMO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/9/2023 10:47	52502 PROG_T2	1	2	1	0.5	0.4	-0.1	-0.69	-0.66	1	1	0	900	900	0
10/9/2023 10:47	58402 MORO_T1	0	0	0	0	0	0	-0.88	-0.88	2	2	0	1500	1500	0
10/9/2023 10:47	12701 MACU_T1	0	0	0	0	0	0	0.13	0.12	0	0	0	0	0	0
10/9/2023 10:47	61202 REIN_T1	63	63	0	1.58	1.78	0.2	0	0	0	0	0	0	0	0
10/9/2023 10:51	45901 AUBU_T1	0	0	0	0	0	0	0.28	0.22	0	0	0	0	0	0
10/9/2023 10:52	28604 BLYT_T2	0	0	0	0	0	0	-1.35	-1.36	0	0	0	0	0	0
10/9/2023 10:56	28805 LAKE_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/9/2023 11:00	47802 MOCA_T2	1	1	0	0.2	0.6	0.4	-0.96	-0.95	0	0	0	0	0	0
10/9/2023 11:00	28805 LAKE_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/9/2023 11:00	52002 LING_T2	1	1	0	1	0.8	-0.2	0	0	0	0	0	0	0	0
10/9/2023 11:00	53903 HALI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/9/2023 11:01	13503 MCMI_T2	1	1	0	0.1	0.3	0.2	-0.01	-0.01	0	0	0	0	0	0
10/9/2023 11:01	28403 HART_T2	0	0	0	0	0	0	-1.01	-1	1	1	0	900	900	0
10/9/2023 11:03	67001 STHI_T2	618	634	16	0.3	0.29	-0.01	0.09	0.09	0	0	0	0	0	0
10/9/2023 11:04	44902 SCOT_T2	5	6	1	0.66	0.5	-0.16	0	0	0	0	0	0	0	0
10/9/2023 11:04	64101 REFR_T1	0	0	0	0	0	0	-0.33	-0.26	0	0	0	0	0	0
10/9/2023 11:05	67203 TEHI_T1	1	1	0	0	0	0	1.85	1.76	2	2	0	1500	1500	0
10/9/2023 11:05	64101 REFR_T1	0	0	0	0	0	0	-0.49	-0.4	0	0	0	0	0	0
10/9/2023 11:06	13704 SCHN_T2	7	6	-1	0.37	0.32	-0.05	-0.33	-0.33	0	0	0	0	0	0
10/9/2023 11:06	64101 REFR_T1	0	0	0	0	0	0	-0.16	-0.13	0	0	0	0	0	0
10/9/2023 11:06	49803 UNIV_T1	1	2	1	0.2	0.45	0.25	-1.1	-1.09	0	0	0	0	0	0
10/9/2023 11:07	59102 WALK_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/9/2023 11:08	66504 SMAN_T2	1	1	0	0.4	1	0.6	-0.34	-0.35	0	0	0	0	0	0
10/9/2023 11:08	60801 BUCK_T1	0	0	0	0	0	0	-0.02	-0.02	0	0	0	0	0	0
10/9/2023 11:08	60803 BUCK_T1	0	1	1	0	0.4	0.4	-1.84	-1.88	0	0	0	0	0	0
10/9/2023 11:09	44802 EDAN_T2	0	0	0	0	0	0	-0.84	-0.84	0	0	0	0	0	0
10/9/2023 11:09	44901 SCOT_T2	0	0	0	0	0	0	0.62	0.61	0	0	0	0	0	0
10/9/2023 11:09	67503 WEWI_T2	1	1	0	0.1	0.2	0.1	-0.29	-0.31	0	0	0	0	0	0
10/9/2023 11:09	61001 DONV_T1	0	0	0	0	0	0	-0.06	-0.1	0	0	0	0	0	0
10/9/2023 11:10	44801 EDAN_T2	1	2	1	0.1	0.35	0.25	0	0	0	0	0	0	0	0
10/9/2023 11:10	67502 WEWI_T2	8	10	2	0.44	0.41	-0.03	-0.38	-0.38	0	0	0	0	0	0
10/9/2023 11:12	61301 EARL_T1	0	0	0	0	0	0	-1.43	-1.38	2	2	0	1800	1800	0
10/9/2023 11:12	53902 HALI_T2	1	1	0	0.7	0.6	-0.1	-0.92	-0.94	0	0	0	0	0	0
10/9/2023 11:13	51604 DUKE_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/9/2023 11:14	41801 GOCI_T2	9	33	24	0.37	0.34	-0.03	0	0	0	0	0	0	0	0
10/9/2023 11:14	23401 HONE_T2	0	5	5	0	0.3	0.3	-0.38	-0.44	0	0	0	0	0	0
10/9/2023 11:15	23401 HONE_T2	3	5	2	0.23	0.28	0.05	-0.76	-0.88	0	0	0	0	0	0
10/9/2023 11:15	15001 BLMO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/9/2023 11:16	47402 PENS_T1	1	0	-1	4.3	0	-4.3	0	0	0	0	0	0	0	0
10/9/2023 11:16	52502 PROG_T2	2	1	-1	0.4	0.2	-0.2	-0.69	-0.69	1	1	0	900	900	0
10/9/2023 11:17	52502 PROG_T2	2	1	-1	0.4	0.2	-0.2	-0.69	-0.69	1	1	0	900	900	0
10/9/2023 11:18	52502 PROG_T2	2	1	-1	0.4	0.2	-0.2	-1.39	-1.38	2	2	0	1800	1800	0
10/9/2023 11:19	64802 MONE_T2	2	4	2	0.45	0.3	-0.15	0	0	0	0	0	0	0	0
10/9/2023 11:19	44601 SALE_T2	0	0	0	0	0	0	0.39	0.31	1	1	0	600	600	0
10/9/2023 11:20	52502 PROG_T2	2	1	-1	0.4	0.2	-0.2	-1.39	-1.38	2	2	0	1800	1800	0
10/9/2023 11:20	44601 SALE_T2	0	0	0	0	0	0	0.39	0.31	1	1	0	600	600	0
10/9/2023 11:20	64101 REFR_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/9/2023 11:21	59102 WALK_T2	1	0	-1	0.3	0	-0.3	0	0	0	0	0	0	0	0
10/9/2023 11:21	47403 PENS_T1	1	1	0	1.8	2.3	0.5	0	0	0	0	0	0	0	0
10/9/2023 11:21	52502 PROG_T2	2	1	-1	0.4	0.2	-0.2	-1.39	-1.38	2	2	0	1800	1800	0
10/9/2023 11:22	29402 BELT_T1	2	2	0	4.4	4.15	-0.25	0	0	0	0	0	0	0	0
10/9/2023 11:22	66701 STRA_T1	1	1	0	0.2	0.3	0.1	0	0	0	0	0	0	0	0
10/9/2023 11:22	56802 BENV_T2	6	9	3	0.32	0.29	-0.03	-0.77	-0.72	0	0	0	0	0	0
10/9/2023 11:23	56802 BENV_T2	6	9	3	0.32	0.29	-0.03	-0.77	-0.72	0	0	0	0	0	0
10/9/2023 11:23	56801 BENV_T1	46	47	1	0.98	0.94	-0.04	-1.6	-1.62	2	2	0	1200	1200	0
10/9/2023 11:23	67401 WAKE_T2	0	1	1	0	0.7	0.7	-1.13	-1.15	0	0	0	0	0	0
10/9/2023 11:24	56801 BENV_T1	46	47	1	0.98	0.94	-0.04	-0.8	-0.81	1	1	0	600	600	0
10/9/2023 11:24	56802 BENV_T2	6	9	3	0.32	0.29	-0.03	-0.77	-0.72	0	0	0	0	0	0
10/9/2023 11:25	56803 BENV_T1	4	3	-1	0.8	0.47	-0.33	0	0	0	0	0	0	0	0
10/9/2023 11:25	56802 BENV_T2	6	9	3	0.32	0.29	-0.03	-0.77	-0.72	0	0	0	0	0	0
10/9/2023 11:26	10805 CHHI_T2	1	4	3	8.9	4.1	-4.8	-0.25	-0.98	1	2	1	600	1800	1200
10/9/2023 11:27	29401 BELT_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/9/2023 11:27	45802 HEGI_T2	0	0	0	0	0	0	1.23	0.74	0	1	1	0	300	300
10/9/2023 11:28	52402 GRPA_T2	1	9	8	2.8	1.11	-1.69	0	0	0	0	0	0	0	0
10/9/2023 11:30	23401 HONE_T2	5	2	-3	0.28	0.4	0.12	-0.44	-0.44	0	0	0	0	0	0
10/9/2023 11:30	45702 LIND_T2	6	49	43	0.5	0.2	-0.3	-0.41	-0.37	0	0	0	0	0	0
10/9/2023 11:30	40902 JESH_T1	0	0	0	0	0	0	-0.15	-0.15	1	1	0	600	600	0
10/9/2023 11:30	58402 MORO_T1	0	0	0	0	0	0	-0.97	-1.01	2	2	0	1500	1500	0
10/9/2023 11:31	52403 GRPA_T2	106	8	-98	0.27	0.15	-0.12	-0.3	0.08	0	0	0	0	0	0
10/9/2023 11:32	65604 QVIL_T2	0	0	0	0	0	0	0.3	0.29	0	0	0	0	0	0
10/9/2023 11:32	58402 MORO_T1	0	0	0	0	0	0	-0.97	-1.01	2	2	0	1500	1500	0
10/9/2023 11:33	66501 SMAN_T2	0	1	1	0	0.1	0.1	0	0	0	0	0	0	0	0
10/9/2023 11:33	64101 REFR_T1	0	0	0	0	0	0	-0.29	-0.29

10/9/2023 11:48	42802 SELI_T1	0	0	0	0	0	0	-1.17	-1.19	0	0	0	0	0	0
10/9/2023 11:48	54001 SDLE_T1	6	8	2	0.72	0.78	0.06	0	0	0	0	0	0	0	0
10/9/2023 11:48	65604 QVIL_T2	0	0	0	0	0	0	0.29	0.3	0	0	0	0	0	0
10/9/2023 11:48	58402 MORO_T1	0	0	0	0	0	0	-1.01	-1.06	2	2	0	1500	1500	0
10/9/2023 11:48	48302 ORWI_T2	0	2	2	0	0.25	0.25	0.08	0.09	0	0	0	0	0	0
10/9/2023 11:49	59101 WALK_T2	1	1	0	0	0	0	0.99	0.91	0	0	0	0	0	0
10/9/2023 11:50	58401 MORO_T1	0	2	2	0	0.35	0.35	-1	-1	1	1	0	600	600	0
10/9/2023 11:50	42802 SELI_T1	0	0	0	0	0	0	-3.52	-3.57	0	0	0	0	0	0
10/9/2023 11:50	58401 MORO_T1	0	2	2	0	0.35	0.35	-1	-1	1	1	0	600	600	0
10/9/2023 11:51	54202 PENN_T2	0	0	0	0	0	0	0.63	0.63	0	0	0	0	0	0
10/9/2023 11:51	42802 SELI_T1	0	0	0	0	0	0	-2.34	-2.38	0	0	0	0	0	0
10/9/2023 11:51	20401 ASHF_T2	1	1	0	0.5	0.2	-0.3	0	0	0	0	0	0	0	0
10/9/2023 11:51	59101 WALK_T2	1	1	0	0	0	0	0.99	0.91	0	0	0	0	0	0
10/9/2023 11:51	42701 AUGU_T1	0	2	2	0	0.2	0.2	0	0	2	2	0	1800	1800	0
10/9/2023 11:52	61103 BERK_T5	15	23	8	0.27	0.22	-0.05	0.31	0.18	0	0	0	0	0	0
10/9/2023 11:52	64101 REFR_T1	0	0	0	0	0	0	-0.14	-0.13	0	0	0	0	0	0
10/9/2023 11:52	20402 ASHF_T2	6	0	-6	1.12	0	-1.12	0	0	0	0	0	0	0	0
10/9/2023 11:52	54001 SDLE_T1	6	8	2	0.72	0.78	0.06	0	0	0	0	0	0	0	0
10/9/2023 11:52	26601 BROO_T1	0	1	1	0	0	0	0	0	0	0	0	0	0	0
10/9/2023 11:52	59101 WALK_T2	1	1	0	0	0	0	0.99	0.91	0	0	0	0	0	0
10/9/2023 11:53	51304 WIND_T2	0	2	2	0	0.1	0.1	0	0	0	0	0	0	0	0
10/9/2023 11:55	41502 FAIR_T2	0	0	0	0	0	0	-0.67	-0.66	0	0	0	0	0	0
10/9/2023 11:55	42701 AUGU_T1	0	2	2	0	0.2	0.2	0	0	4	4	0	3600	3600	0
10/9/2023 11:56	61103 BERK_T5	6	6	0	0.38	0.38	0	0	0	0	0	0	0	0	0
10/9/2023 11:56	42701 AUGU_T1	0	2	2	0	0.2	0.2	0	0	2	2	0	1800	1800	0
10/9/2023 11:57	61102 BERK_T5	6	6	0	0.38	0.38	0	0	0	0	0	0	0	0	0
10/9/2023 11:59	53901 HALI_T2	0	3	3	0	0.17	0.17	0	0	0	0	0	0	0	0
10/9/2023 11:59	61301 EARL_T1	0	0	0	0	0	0	-1.43	-1.43	2	2	0	1800	1800	0
10/9/2023 12:03	42902 MIDD_T2	2	0	-2	0.75	0	-0.75	-0.34	-0.29	0	0	0	0	0	0
10/9/2023 12:03	65604 QVIL_T2	0	0	0	0	0	0	0.6	0.54	0	0	0	0	0	0
10/9/2023 12:03	47402 PENS_T1	1	1	0	0.5	0.5	0	0	0	0	0	0	0	0	0
10/9/2023 12:05	67401 WAKE_T2	3	1	-2	0.37	0.2	-0.17	-1.14	-1.18	0	0	0	0	0	0
10/9/2023 12:06	44901 SCOT_T2	0	0	0	0	0	0	0.35	0.51	0	0	0	0	0	0
10/9/2023 12:06	59102 WALK_T2	0	4	4	0	0.28	0.28	0	0	0	0	0	0	0	0
10/9/2023 12:07	61103 BERK_T5	23	7	-16	0.21	0.3	0.09	0.09	0.1	0	0	0	0	0	0
10/9/2023 12:07	44902 SCOT_T2	1	5	4	0.1	0.64	0.54	0	0	0	0	0	0	0	0
10/9/2023 12:08	59102 WALK_T2	0	4	4	0	0.28	0.28	0	0	0	0	0	0	0	0
10/9/2023 12:08	61101 BERK_T5	7	5	-2	0.37	0.32	-0.05	0	0	0	0	0	0	0	0
10/9/2023 12:08	26603 BROO_T1	0	0	0	0	0	0	0.19	0.24	0	0	0	0	0	0
10/9/2023 12:09	44302 BEAV_T2	3	4	1	0.23	0.3	0.07	0.21	0.28	0	0	0	0	0	0
10/9/2023 12:10	59102 WALK_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/9/2023 12:10	61301 EARL_T1	0	0	0	0	0	0	-1.43	-1.43	2	2	0	1800	1800	0
10/9/2023 12:10	41502 FAIR_T2	0	1	1	0	0	0	-0.66	-0.65	0	0	0	0	0	0
10/9/2023 12:13	45003 LIME_2	1	1	0	2.8	4.3	1.5	0	0	1	1	0	1200	1200	0
10/9/2023 12:13	51604 DUKE_T2	4	4	0	0.43	0.43	0	-3.39	-3.39	2	2	0	1800	1800	0
10/9/2023 12:13	59302 MCAL_T1	0	1	1	0	0.2	0.2	0	0	0	0	0	0	0	0
10/9/2023 12:14	59301 MCAL_T1	5	37	32	0.82	0.28	-0.54	0	0	0	0	0	0	0	0
10/9/2023 12:15	45003 LIME_2	1	1	0	4.3	4.2	-0.1	0	0	1	1	0	1200	1200	0
10/9/2023 12:17	54206 PENN_T2	3	7	4	0.2	0.31	0.11	0	0	0	0	0	0	0	0
10/9/2023 12:17	64101 REFR_T1	0	0	0	0	0	0	-0.31	-0.26	0	0	0	0	0	0
10/9/2023 12:18	54001 SDLE_T1	7	6	-1	0.64	0.77	0.13	0	0	0	0	0	0	0	0
10/9/2023 12:18	64101 REFR_T1	0	0	0	0	0	0	-0.46	-0.4	0	0	0	0	0	0
10/9/2023 12:20	64101 REFR_T1	0	0	0	0	0	0	-0.15	-0.13	0	0	0	0	0	0
10/9/2023 12:20	54001 SDLE_T1	7	6	-1	0.64	0.77	0.13	0	0	0	0	0	0	0	0
10/9/2023 12:21	42701 AUGU_T1	1	0	-1	0.2	0	-0.2	0	0	2	2	0	1800	1800	0
10/9/2023 12:21	64101 REFR_T1	0	0	0	0	0	0	-0.15	-0.13	0	0	0	0	0	0
10/9/2023 12:22	42701 AUGU_T1	1	0	-1	0.2	0	-0.2	0	0	4	4	0	3600	3600	0
10/9/2023 12:23	14802 TREI_T2	3	26	23	0.13	0.24	0.11	0	0	0	0	0	0	0	0
10/9/2023 12:23	42701 AUGU_T1	1	0	-1	0.2	0	-0.2	0	0	2	2	0	1800	1800	0
10/9/2023 12:28	45802 HEGI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/9/2023 12:32	57601 RUTH_T2	0	0	0	0	0	0	0.79	0.79	0	0	0	0	0	0
10/9/2023 12:32	58402 MORO_T1	1	4	3	0.1	0.4	0.3	-1.06	-1.08	2	2	0	1500	1500	0
10/9/2023 12:33	58401 MORO_T1	3	5	2	0.3	0.34	0.04	0	0	0	0	0	0	0	0
10/9/2023 12:34	47403 PENS_T1	1	1	0	2.5	2	-0.5	0	0	0	0	0	0	0	0
10/9/2023 12:35	58402 MORO_T1	1	4	3	0.1	0.4	0.3	-1.06	-1.08	2	2	0	1500	1500	0
10/9/2023 12:35	67904 WNHO_T1	0	0	0	0	0	0	-2.11	-2.1	2	2	0	2100	2100	0
10/9/2023 12:45	42902 MIDD_T2	0	5	5	0	0.44	0.44	-0.29	-0.27	0	0	0	0	0	0
10/9/2023 12:46	61001 DONV_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/9/2023 12:49	67204 TEHI_T2	1	1	0	0.5	0.8	0.3	-0.09	-0.08	0	0	0	0	0	0
10/9/2023 12:50	67203 TEHI_T1	1	1	0	0	0	0	2.08	1.94	2	2	0	1500	1500	0
10/9/2023 12:53	67204 TEHI_T2	1	1	0	0.5	0.8	0.3	-0.09	-0.08	0	0	0	0	0	0
10/9/2023 12:54	20401 ASHF_T2	4	0	-4	0.95	0	-0.95	0	0	0	0	0	0	0	0
10/9/2023 12:55	20403 ASHF_T2	6	3	-3	0.55	0.37	-0.18	1.09	1.21	0	0	0	0	0	0
10/9/2023 13:02	41902 REED_T1	0	0	0	0	0	0	2.04	2	0	0	0	0	0	0
10/9/2023 13:04	41901 REED_T1	11	10	-1	0.45	0.37	-0.08	0	0	0	0	0	0	0	0
10/9/2023 13:05	59101 WALK_T2	2	1	-1	0.3	0	-0.3	0.99	1.52	0	0	0	0	0	0
10/9/2023 13:06	14404 SSLA_T1	9	14	5	0.42	0.46	0.04	0	0	0	0	0	0	0	0
10/9/2023 13:06	59101 WALK_T2	2	1	-1	0.3	0	-0.3	0.99	1.52	0	0	0	0	0	0
10/9/2023 13:06	46004 BERW_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/9/2023 13:07	28604 BLYT_T2	0	0	0	0	0	0	-1.37	-1.37	0	0	0	0	0	0
10/9/2023 13:08	59101 WALK_T2	2	1	-1	0.3	0	-0.3	0.99	1.52	0	0	0	0	0	0
10/9/2023 13:10	14404 SSLA_T1	9	14	5	0.42	0.46	0.04	0	0	0	0	0	0	0	0
10/9/2023 13:10	67502 WEWI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/9/2023 13:16	53903 HALI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/9/2023 13:17	42802 SELI_T1	0	0	0	0	0	0	-1.18	-1.2	0	0	0	0	0	0
10/9/2023 13:20	42802 SELI_T1	0	0	0	0	0	0	-3.54	-3.6	0	0	0	0	0	0
10/9/2023 13:21	14402 SSLA_T1	11	24	13	0.46	0.25	-0.21	0	0	0	0	0	0	0	0
10/9/2023 13:22	14402 SSLA_T1	11	24	13	0.46	0.25	-0.21	0	0	0	0	0	0	0	0
10/9/2023 13:25	67502 WEWI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/9/2023 13:28	15001 BLMO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/9/2023 13:28	45802 HEGI_T2	0	0	0	0	0	0	0.83	0.76	1	1	0	300	300	0
10/9/2023 13:29	15001 BLMO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/9/2023 13:29	13105 NHAM_T2	0	0	0	0	0	0	-0.35	-0.37	1	1	0	1200	1200	0
10/9/2023 13:31	15001 BLMO_T1	0	1	1	0	0.1	0.1	0	0	0	0	0	0	0	0
10/9/2023 13:32	15001 BLMO_T1	0	1	1	0	0.1	0.1	0	0	0	0	0	0	0	0
10/9/2023 13:34	58402 MORO_T1	0	2	2	0	0.2	0.2	0	0	0	0	0	0	0	0
10/9/2023 13:35	24902 WHHA_T1	8	11	3	0.15	0.14	-0.01	0	0	0	0	0	0	0	0
10/9/2023 13:36	20401 ASHF_T2	0	1	1	0	0.1	0.1	0	0	0	0	0	0	0	0
10/9/2023 13:37	20403 ASHF_T2	3	2	-1	0.6	0.6	0	1.02	1.17	0	0	0	0	0	0
10/9/2023 13:41	61001 DONV_T1	0	0	0	0	0	0	-0.02	0.08	0	0	0	0	0	0
10/9/2023 13:41	67502 WEWI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/9/2023 13:43	46801 HEPB_T2	11	9	-2	0.31	0.36	0.05	0	0	0	0	0	0	0	0
10/9/2023 13:43	60801 BUCK_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/9/2023 13:45	25402 LAHA_T2	0	0	0	0	0	0	-0.75	-0.76	0	0	0	0	0	0
10/9/2023 13:48	47802 MOCA_T2	1	0	-1	0.7	0	-0.7	-0.93	-0.94	0	0	0	0	0	0
10/9/2023 13:48	53903 HALI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/9/2023 13:49	54505 ENOL_T2	1	1	0	0.9	0.8	-0.1	0	0	0	0	0	0	0	0
10/9/2023 13:52	46004 BERW_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/9/2023 13:52	15103 UPHA_T2	2	2	0	0.45	0.4	-0.05	0.37	0.38	0	0	0	0	0	0
10/9/2023 13:57	45802 HEGI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/9/2023 13:58	15001 BLMO_T1	0	1	1	0	0.1	0.1	0	0	0	0	0	0	0	0
10/9/2023 14:07	59101 WALK_T2	1	1	0	0	0	0	1.7	1.6	1	1	0	600	600	0
10/9/2023 14:08	46001 BERW_T1	0	0	0	0	0	0	2.08	1.92	0	0	0	0	0	0
10/9/2023 14:08	20401 ASHF_T2	0	2	2	0	0.45	0.45	0	0	0	0	0	0	0	0
10/9/2023 14:09	67503 WEWI_T2	0	0	0	0	0	0	-0.27	-0.28	0	0	0	0	0	0
10/9/2023 14:10	26603 BROO_T1	0	1	1	0	0	0	0.21	0.2	0	0	0	0	0	0
10/9/2023 14:10	67502 WEWI_T2	26	117	91	0.21	0.22	0.01	-0.27	-0.23	0	0	0	0	0	0
10/9/2023 14:10	67503 WEWI_T2	0	0	0	0	0	0	-0.27	-0.28	0	0	0	0	0	0
10/9/2023 14:12	67503 WEWI_T2	0	0	0	0	0	0	-0.27	-0.28	0	0	0	0	0	0
10/9/2023 14:12	21901 HUMB_T1	0	0	0	0	0	0	-1.53	-1.62	0	0	0	0	0	0
10/9/2023 14:12	63802 HEMP_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/9/2023 14:12	67503 WEWI_T2	0	0	0	0	0	0	-0.27	-0.28	0	0	0	0	0	0
10/9/2023 14:13	67502 WEWI_T2	26	117	91	0.21	0.22	0.01	-0.27	-0.23	0	0	0	0	0	0
10/9/2023 14:13	40902 JESH_T1	0	0	0	0	0	0	-0.16	-0.26	1	1	0	600	600	0
10/9/2023 14:13	15001 BLMO_T1	1	0	-1	0.1	0	-0.1	0	0	0	0	0	0	0	0
10/9/2023 14:14	67503 WEWI_T2	0	0	0	0	0	0	-0.28	-0.29	0	0	0	0	0	0
10/9/2023 14:15	58401 MORO_T1	0	2	2	0	0.3	0.3	0	0	0	0	0	0	0	0
10/9/2023 14:16	25402 LAHA_T2	0	0	0	0	0	0	-0.78	-0.78	0	0	0	0	0	0
10/9/2023 14:17	58402 MORO_T1	2	6	4	0.4	0.27	-0.13	-1.96	-2	4	4	0	3000	3000	0
10/9/2023 14:18	53901 HALI_T2	0	2	2	0	0.5	0.5	0	0	0	0	0	0	0	0
10/9/2023 14:20	67203 TEHI_T1	1	1	0	0	0	0	1.89	1.78	2	2	0	1500	1500	0
10/9/2023 14:22	66505 SMAN_T2	0	3	3	0	0.3	0.3	0.23	0.26	2	2	0	1100	1100	0
10/9/2023 14:22	66505 SMAN_T2	0	3	3	0	0.3	0.3	0.23	0.26	2	2	0	1100	1100	0
10/9/2023 14:23	24902 WHHA_T1	13	47	34	0.15	0.15	0	0.49	0.5	0	0	0	0	0	0
10/9/2023 14:23	60701 BREC_T1	0	3	3	0	0.3	0.3	-0.2	-0.21	1	1	0	600	600	0
10/9/2023 14:23	60801 BUCK_T1	0	1	1	0	0.2	0.2	0	0	0	0	0	0	0	0
10/9/2023 14:23	46001 BERW_T1	0	0	0	0	0	0	0.96	0.97	0	0	0	0	0	0
10/9/2023 14:23	42002 MNVL_T2	1	1	0	3.6	3.4	-0.2	0	0	0	0	0	0	0	0
10/9/2023 14:23	20403 ASHF_T2	0	6	6	0	0.38	0.38	1.26	0.72	0	0	0	0	0	0
10/9/2023 14:23	60801 BUCK_T1	0	1	1	0	0.2	0.2	0	0	0	0	0	0	0	0
10/9/2023 14:23	42701 AUGU_T1	0	0	0	0	0	0	0	0	4	4	0	3600	3600	0
10/9/2023 14:24	20403 ASHF_T2	0	6	6	0	0.38	0.38	1.26	0.72	0	0	0	0	0	0
10/9/2023 14:24	66502 SMAN_T2	0	4	4	0	0.18	0.18	0	0	0	0	0	0	0	0
10/9/2023 14:24	61303 EARL_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/9/2023 14:24	42503 ALTA_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/9/2023 14:24	60701 BREC_T1	0	3	3	0	0.3	0.3	-0.39	-0.41	2	2	0	1200	1200	0
10/9/2023 14:24	46001 BERW_T1	0	0	0	0	0	0	0.96	0.97	0	0	0	0	0	0
10/9/2023 14:25	67503 WEWI_T2	0	0	0	0	0	0	-0.28	-0.29	0	0	0	0	0	0
10/9/2023 14:25	26603 BROO_T1	0	1	1	0	0.2	0.2	0.2	0.2	0	0	0	0	0	0
10/9/2023 14:25	67503 WEWI_T2	0	0	0	0	0	0	-0.28	-0.29	0	0	0	0	0	0
10/9/2023 14:26	54505 ENOL_T2	1	1	0	0.8	1.1	0.3	0	0	0	0	0	0	0	0
10/9/2023 14:28	67502 WEWI_T2	36	121	85	0.24	0.22	-0.02	-0.46	-0.54	0	0	0	0	0	0
10/9/2023 14:28	60803 BUCK_T1	0	2	2	0	0.55	0.55	-0.95	-0.95	0	0	0	0	0	0
10/9/2023 14:28	61001 DONV_T1	0	0	0	0	0	0	-0.12	1.44	0	0	0	0	0	0
10/9/2023 14:28	67502 WEWI_T2	36	121	85	0.24	0.22	-0.02	-0.46	-0.54	0	0	0	0	0	0
10/9/2023 14:28	52402 GRPA_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/9/2023 14:28	25402 LAHA_T2	0	0	0	0	0	0	-0.78	-0.78	0	0	0	0	0	0
10/9/2023 14:29	52002 LING_T2	1	1	0	0.5	0.8	0.3	0	0	0	0	0	0	0	0
10/9/2023 14:29	67502 WEWI_T2	36	121	85	0.24	0.22	-0.02	-0.27	-0.23	0	0	0	0	0	0
10/9/2023 14:30	42903 MIDD_T2	2	2	0	1.9	1.3	-0.6	0	0	0	0	0	0	0	0
10/9/2023 14:30	47802 MOCA_T2	0	0	0	0	0	0	-1.04	-1.04	0	0	0	0	0	0
10/9/2023 14:31	67503 WEWI_T2	0	0	0	0	0	0	-0.58	-0.56	0	0	0	0	0	0
10/9/2023 14:31	58402 MORO_T1	5	6	1	0.3	0.2	-0.1	-1	-0.95	2	2	0	1500	1500	0
10/9/2023 14:32	58402 MORO_T1	5	6	1	0.3	0.2	-0.1	-1	-0.95	2	2	0	1500	1500	0
10/9/2023 14:32	65604 QVIL_T2	0	0	0	0	0	0	0.26	0.25	0	0	0	0	0	0
10/9/2023 14:32	47802 MOCA_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/9/2023 14:33	42802 SELI_T1	0	0	0	0	0	0	-2.36	-2.4	0	0	0	0	0	0
10/9/2023 14:34	42002 MNVL_T2	1	1	0	3.4	3.1	-0.3	0	0	0	0	0	0	0	0
10/9/2023 14:34	65604 QVIL_T2	0	0	0	0	0	0	0.26	0.25	0	0	0	0	0	0
10/9/2023 14:34	58401 MORO_T1	2	1	-1	0.3	0.1	-0.2	0	0	0	0	0	0	0	0
10/9/2023 14:34	67204 TEHI_T2	1	2	1	0.9	0.45	-0.45	-0.1	-0.08	0	0	0	0	0	0
10/9/2023 14:35	42802 SELI_T1	0	0	0	0	0	0	-1.18	-1.2	0	0	0	0	0	0
10/9/2023 14:35	43301 WATS_T2	1	1	0	1.3	1.3	0	0	0	0	0	0	0	0	0
10/9/2023 14:35	67203 TEHI_T1	1	1	0	0	0	0	1.78	1.66	2	2	0	1500	1500	0
10/9/2023 14:36	45902 AUBU_T1	0	0	0	0	0	0	-0.56	-0.59	1	1	0	600	600	0
10/9/2023 14:36	59101 WALK_T2	1	1	0	0	0	0	1.64	1.67	1	1	0	600	600	0
10/9/2023 14:37	43304 WATS_T2	0	0	0	0	0	0	-0.91	-1.03	0	0	0	0	0	0
10/9/2023 14:37	67204 TEHI_T2	1	2	1	0.9	0.45	-0.45	-0.1	-0.08	0	0	0	0	0	0
10/9/2023 14:37	42802 SELI_T1	0	0	0	0	0	0	-1.18	-1.2	0	0	0	0	0	0
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Appendix C - Grid Benefits Achieved in Each Instance of Active Management

10/9/2023 14:49	42001 MNVL_T2	0	0	0	0	0	0	0.04	0.01	0	0	0	0	0	0
10/9/2023 14:49	42802 SELI_T1	0	0	0	0	0	0	-3.6	-3.57	0	0	0	0	0	0
10/9/2023 14:50	65601 CIVIL_T2	0	1	1	0	0.4	0.4	0	0	0	0	0	0	0	0
10/9/2023 14:51	42201 SHEN_T2	0	0	0	0	0	0	0.52	0.52	0	0	0	0	0	0
10/9/2023 14:51	59101 WALK_T2	1	1	0	0	0	0	1.67	1.62	1	1	0	600	600	0
10/9/2023 14:51	42802 SELI_T1	0	0	0	0	0	0	-2.4	-2.38	0	0	0	0	0	0
10/9/2023 14:52	42802 SELI_T1	0	0	0	0	0	0	-1.2	-1.19	0	0	0	0	0	0
10/9/2023 14:53	42802 SELI_T1	0	0	0	0	0	0	-1.2	-1.19	0	0	0	0	0	0
10/9/2023 14:55	44802 EDAN_T2	0	0	0	0	0	0	-0.87	-0.85	0	0	0	0	0	0
10/9/2023 14:57	45802 HEGI_T2	0	0	0	0	0	0	0.65	0.71	0	0	0	0	0	0
10/9/2023 14:57	26401 INOR_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/9/2023 14:58	44802 EDAN_T2	0	0	0	0	0	0	-0.87	-0.85	0	0	0	0	0	0
10/9/2023 14:58	63401 HONY_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/9/2023 14:58	25402 LAHA_T2	0	0	0	0	0	0	-0.73	-0.84	0	0	0	0	0	0
10/9/2023 15:02	58402 MORO_T1	4	2	-2	0.2	0.15	-0.05	-1	-0.99	2	2	0	1500	1500	0
10/9/2023 15:04	58402 MORO_T1	4	2	-2	0.2	0.15	-0.05	-1	-0.99	2	2	0	1500	1500	0
10/9/2023 15:04	44802 EDAN_T2	0	0	0	0	0	0	-0.85	-0.87	0	0	0	0	0	0
10/9/2023 15:06	42201 SHEN_T2	0	0	0	0	0	0	0.52	0.51	0	0	0	0	0	0
10/9/2023 15:06	56803 BENV_T1	4	4	0	0.45	0.28	-0.17	0	0	0	0	0	0	0	0
10/9/2023 15:06	59101 WALK_T2	1	2	1	0	0.4	0.4	1.62	1.3	1	1	0	600	600	0
10/9/2023 15:07	56801 BENV_T1	35	33	-2	0.64	0.81	0.17	-0.17	-0.17	0	0	0	0	0	0
10/9/2023 15:08	46001 BERW_T1	0	0	0	0	0	0	1.01	1.01	0	0	0	0	0	0
10/9/2023 15:09	29402 BELT_T1	1	1	0	8.6	8.6	0	0	0	0	0	0	0	0	0
10/9/2023 15:10	56801 BENV_T1	35	33	-2	0.64	0.81	0.17	-0.34	-0.34	0	0	0	0	0	0
10/9/2023 15:10	46001 BERW_T1	0	0	0	0	0	0	1.01	1.01	0	0	0	0	0	0
10/9/2023 15:11	46001 BERW_T1	0	0	0	0	0	0	2.02	2.02	0	0	0	0	0	0
10/9/2023 15:11	56801 BENV_T1	35	33	-2	0.64	0.81	0.17	-0.51	-0.51	0	0	0	0	0	0
10/9/2023 15:12	56801 BENV_T1	35	33	-2	0.64	0.81	0.17	-0.17	-0.17	0	0	0	0	0	0
10/9/2023 15:13	59302 MCAL_T1	0	1	1	0	0.4	0.4	0.11	0.13	1	1	0	600	600	0
10/9/2023 15:14	15001 BLMO_T1	0	2	2	0	0.3	0.3	0	0	0	0	0	0	0	0
10/9/2023 15:14	23401 HONE_T2	0	0	0	0	0	0	-0.36	-0.31	0	0	0	0	0	0
10/9/2023 15:16	63804 HEMP_T1	1	1	0	5.8	5.8	0	0	0	0	0	0	0	0	0
10/9/2023 15:16	15001 BLMO_T1	2	2	0	0.3	0.15	-0.15	0	0	0	0	0	0	0	0
10/9/2023 15:17	15001 BLMO_T1	2	2	0	0.3	0.15	-0.15	0	0	0	0	0	0	0	0
10/9/2023 15:18	40603 PIGR_T1	0	2	2	0	0.1	0.1	0.35	0.37	0	0	0	0	0	0
10/9/2023 15:19	63801 HEMP_T1	2	2	0	0.15	0.3	0.15	0	0	0	0	0	0	0	0
10/9/2023 15:21	59101 WALK_T2	1	3	2	0	0.55	0.55	1.3	1.61	1	1	0	600	600	0
10/9/2023 15:22	56801 BENV_T1	33	33	0	0.73	0.82	0.09	-0.51	-0.57	0	0	0	0	0	0
10/9/2023 15:23	45902 AUBU_T1	0	1	1	0	0	0	-1.21	-1.36	2	2	0	1200	1200	0
10/9/2023 15:23	56803 BENV_T1	2	9	7	0.4	0.13	-0.27	0	0	0	0	0	0	0	0
10/9/2023 15:24	66703 STRA_T1	0	0	0	0	0	0	-0.14	-0.15	0	0	0	0	0	0
10/9/2023 15:24	56803 BENV_T1	2	9	7	0.4	0.13	-0.27	0	0	0	0	0	0	0	0
10/9/2023 15:26	61303 EARL_T1	0	0	0	0	0	0	0.49	0.57	0	0	0	0	0	0
10/9/2023 15:27	61202 REIN_T1	59	62	3	1.02	1.05	0.03	0	0	0	0	0	0	0	0
10/9/2023 15:28	61302 EARL_T1	1	1	0	0.2	0.4	0.2	0	0	0	0	0	0	0	0
10/9/2023 15:29	65002 NEFF_T2	0	1	1	0	0.1	0.1	0	0	0	0	0	0	0	0
10/9/2023 15:37	28604 BLYT_T2	0	0	0	0	0	0	-1.37	-1.36	0	0	0	0	0	0
10/9/2023 15:37	66504 SMAN_T2	1	0	-1	0.3	0	-0.3	0	0	0	0	0	0	0	0
10/9/2023 15:40	61304 EARL_T1	2	2	0	0.65	0.45	-0.2	0	0	0	0	0	0	0	0
10/9/2023 15:44	26401 INOR_T1	0	0	0	0	0	0	0.77	0.71	0	0	0	0	0	0
10/9/2023 15:46	52402 GRPA_T2	26	37	11	0.52	0.51	-0.01	0	0	0	0	0	0	0	0
10/9/2023 15:58	45003 LIME_2	2	2	0	2.2	2.4	0.2	0	0	1	1	0	1200	1200	0
10/9/2023 16:01	45001 LIME_2	26	26	0	0.36	0.32	-0.04	0	0	0	0	0	0	0	0
10/9/2023 16:06	59101 WALK_T2	3	1	-2	0.2	0	-0.2	1	1.44	1	0	-1	600	0	-600
10/9/2023 16:07	59402 RFLD_T2	49	46	-3	0.38	0.32	-0.06	-0.71	-0.73	0	0	0	0	0	0
10/9/2023 16:14	15001 BLMO_T1	2	0	-2	0.2	0	-0.2	0	0	0	0	0	0	0	0
10/9/2023 16:28	23401 HONE_T2	0	0	0	0	0	0	-0.3	-0.32	0	0	0	0	0	0
10/9/2023 16:39	65003 NEFF_T2	18	6	-12	0.2	0.28	0.08	0	0	0	0	0	0	0	0
10/9/2023 16:50	59102 WALK_T2	1	0	-1	0.1	0	-0.1	0	0	0	0	0	0	0	0
10/9/2023 16:51	59101 WALK_T2	1	1	0	0	0	0	2.61	2.59	0	0	0	0	0	0
10/9/2023 16:59	52401 GRPA_T2	1	1	0	0.5	0.3	-0.2	0	0	0	0	0	0	0	0
10/9/2023 17:01	52401 GRPA_T2	1	2	1	0.3	0.15	-0.15	0	0	0	0	0	0	0	0
10/9/2023 18:38	53903 HALI_T2	2	2	0	0.8	1	0.2	-0.05	-0.04	0	0	0	0	0	0
10/9/2023 18:42	61202 REIN_T1	60	61	1	1.03	1.05	0.02	0	0	0	0	0	0	0	0
10/9/2023 19:02	61202 REIN_T1	60	61	1	0.86	0.9	0.04	0	0	0	0	0	0	0	0
10/9/2023 19:05	67502 WEWI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/9/2023 19:12	61202 REIN_T1	60	61	1	0.86	0.9	0.04	0	0	0	0	0	0	0	0
10/9/2023 19:16	52403 GRPA_T2	0	0	0	0	0	0	0.02	0	0	0	0	0	0	0
10/9/2023 19:20	54505 ENOL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/9/2023 19:21	56802 BENV_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/9/2023 19:23	56802 BENV_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/9/2023 19:23	61303 EARL_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/9/2023 19:25	56802 BENV_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/9/2023 19:25	63401 HONY_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/9/2023 19:25	54206 PENN_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/9/2023 19:27	12205 FOGE_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/9/2023 19:28	67001 STHI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/9/2023 19:29	67002 STHI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/9/2023 19:29	46801 HEPB_T2	2	2	0	0.55	0.6	0.05	0	0	0	0	0	0	0	0
10/9/2023 19:30	46203 DANV_T2	25	12	-13	0.16	0.15	-0.01	0	0	0	0	0	0	0	0
10/9/2023 19:30	53501 EVIL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/9/2023 19:30	42503 ALTA_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/9/2023 19:31	26401 INOR_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/9/2023 19:33	45802 HEGI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/9/2023 19:34	46003 BERW_T2	1	2	1	0.5	0.25	-0.25	0	0	0	0	0	0	0	0
10/9/2023 19:34	47802 MOCA_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/9/2023 19:34	58401 MORO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/9/2023 19:35	43304 WATS_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/9/2023 19:35	53903 HALI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/9/2023 19:35	52501 PROG_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/9/2023 19:36	64101 REFR_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/9/2023 19:37	45402 WBLO_T2	49	57	8	0.37	0.32	-0.05	0	0	0	0	0	0	0	0
10/9/2023 19:39	22901 HARW_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/9/2023 19:40	54701 NEBL_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/9/2023 19:40	61001 DONV_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/9/2023 19:42	60801 BUCK_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/9/2023 19:49	52402 GRPA_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/9/2023 19:49	54701 NEBL_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/9/2023 19:51	52004 LING_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/9/2023 20:00	56802 BENV_T2	0	46	46	0	0.15	0.15	-0.71	-0.73	0	0	0	0	0	0
10/9/2023 20:04	67502 WEWI_T2	0	103	103	0	0.2	0.2	-0.47	-1.47	0	1	1	0	900	900
10/9/2023 20:05	67502 WEWI_T2	0	103	103	0	0.2	0.2	-0.94	-2.94	0	2	2	0	1800	1800
10/9/2023 20:06	67502 WEWI_T2	0	103	103	0	0.2	0.2	0	0	0	0	0	0	0	0
10/9/2023 20:09	65001 NEFF_T2	0	4	4	0	0.15	0.15	-0.84	-0.85	1	1	0	1200	1200	0
10/9/2023 20:11	61306 EARL_T1	3	32	29	0.17	0.13	-0.04	0	0	0	0	0	0	0	0
10/9/2023 20:12	63802 HEMP_T1	0	0	0	0	0	0	-0.58	-0.54	0	0	0	0	0	0
10/9/2023 20:13	66505 SMAN_T2	1	3	2	0.1	0.9	0.8	-0.12	-0.32	2	2	0	1100	1100	0
10/9/2023 20:13	67502 WEWI_T2	0	103	103	0	0.2	0.2	-0.47	-1.47	1	1	0	900	900	0
10/9/2023 20:14	66505 SMAN_T2	1	3	2	0.1	0.9	0.8	0	0	0	0	0	0	0	0
10/9/2023 20:15	67502 WEWI_T2	25	103	78	0.16	0.2	0.04	0	0	0	0	0	0	0	0
10/9/2023 20:16	61303 EARL_T1	0	0	0	0	0	0	0.23	0.25	0	0	0	0	0	0
10/9/2023 20:16	59101 WALK_T2	1	1	0	0	0	0	1.05	1.05	0	0	0	0	0	0
10/9/2023 20:17	54701 NEBL_T1	2	3	1	0.15	0.33	0.18	0	0	1	1	0	600	600	0
10/9/2023 20:17	59302 MCAL_T1	1	1	0	0.2	0.2	0	0.34	0.28	0	0	0	0	0	0
10/9/2023 20:17	64301 LINC_T1	0	0	0	0	0	0	0.29	0.35	0	0	0	0	0	0
10/9/2023 20:17	56603 HAMP_T1	5	52	47	0.1	0.2	0.1	0	0	0	0	0	0	0	0
10/9/2023 20:18	61301 EARL_T1	0	0	0	0	0	0	0.15	0.15	0	0	0	0	0	0
10/9/2023 20:18	56801 BENV_T1	26	36	10	0.55	0.67	0.12	-0.83	-0.79	1	1	0	600	600	0
10/9/2023 20:19	67204 TEHI_T2	0	3	3	0	0.1	0.1	0.06	0.06	0	0	0	0	0	0
10/9/2023 20:19	67502 WEWI_T2	25	103	78	0.16	0.2	0.04	0	0	0	0	0	0	0	0
10/9/2023 20:19	56803 BENV_T1	2	4	2	0.15	0.4	0.25	0	0	0	0	0	0	0	0
10/9/2023 20:20	54206 PENN_T2	2	27	25	0.1	0.13	0.03	0	0	0	0	0	0	0	0
10/9/2023 20:20	42002 MNVL_T2	1	1	0	1.5	1.4	-0.1	0	0	0	0	0	0	0	0
10/9/2023 20:21	52502 PROG_T2	0	0	0	0	0	0	0.23	0.25	0	0	0	0	0	0
10/9/2023 20:21	59101 WALK_T2	1	1	0	0	0	0	1.05	1.05	0	0	0	0	0	0
10/9/2023 20:21	56801 BENV_T1	26	36	10	0.55	0.67	0.12	-1.66	-1.58	2	2	0	1200	1200	0
10/9/2023 20:21	56802 BENV_T2	2	140	138	0.6	0.28	-0.32	-0.73	-0.71	0	0	0	0	0	0
10/9/2023 20:22	56603 HAMP_T1	5	52	47	0.1	0.2	0.1	0	0	0	0	0	0	0	0
10/9/2023 20:22	56802 BENV_T2	2	140	138	0.6	0.28	-0.32	-0.73	-0.71	0	0	0	0	0	0
10/9/2023 20:22	56803 BENV_T1	2	4	2	0.15	0.4	0.25	0	0	0	0	0	0	0	0
10/9/2023 20:22	67502 WEWI_T2	25	103	78	0.16	0.2	0.04	-1.47	-1.49	1	1	0	900	900	0
10/9/2023 20:23	45902 AUBU_T1	0	0	0	0	0	0	-0.94	-0.95	1	1	0	600	600	0
10/9/2023 20:24	16301 ALPA_T1	2	15	13	0.35	0.15	-0.2	-0.46	-0.46	0	0	0	0	0	0
10/9/2023 20:24	49803 UNIV_T1	27	0	-27	0.14	0	-0.14	-1.19	-1.18	0	0	0	0	0	0
10/9/2023 20:24	67001 STHI_T2	637	851	214	0.43	0.42	-0.01	0	0	0	0	0	0	0	0
10/9/2023 20:24	60803 BUCK_T1	6	6	0	0.22	0.33	0.11	-1.62	-0.97	1	1	0	600	600	0
10/9/2023 20:24	42701 AUGU_T1	0	0	0	0	0	0	0	0	2	2	0	1800	1800	0
10/9/2023 20:25	56802 BENV_T2	2	140	138	0.6	0.28	-0.32	-2.92	-2.84	0	0	0	0	0	0
10/9/2023 20:26	61101 BERK_T5	1	1	0	0.1	0.2	0.1	0	0	0	0	0	0	0	0
10/9/2023 20:26	54505 ENOL_T2	1	1	0	1	1.2	0.2	0	0	0	0	0	0	0	0
10/9/2023 20:26	52004 LING_T2	0	0	0	0	0	0	0.25	0.25	0	0	0	0	0	0
10/9/2023 20:26	17805 GILB_T2	0	0	0	0	0	0	-0.08	-0.07	0	0	0	0	0	0
10/9/2023 20:26	67204 TEHI_T2	0	3	3	0	0.1	0.1	0.06	0.06	0	0	0	0	0	0
10/9/2023 20:27	53903 HALI_T2	2	2	0	0.9	1.2	0.3	-0.08	-0.09	0	0	0	0	0	0
10/9/2023 20:27	67002 STHI_T2	330	502	172	0.19	0.25	0.06	0.67	0.65	0	0	0	0	0	0
10/9/2023 20:27	43402 BENT_T1	0	0	0	0	0	0	-0.96	-0.96	1	1	0	900	900	0
10/9/2023 20:27	65604 CIVIL_T2	0	0	0	0	0	0	0.27	0.24	0	0	0	0	0	0
10/9/2023 20:27	60801 BUCK_T1	0	0	0	0	0	0	-0.17	-0.2	0	0	0	0	0	0
10/9/2023 20:27	64305 LINC_T1	0	0	0	0	0	0	-0.55	-0.57	0	0	0	0	0	0
10/9/2023 20:27	10801 CHHI_T1	0	0	0	0	0	0	-0.94	-0.95	1	1	0	900	900	0
10/9/2023 20:28	42802 SELI_T1	0	1	1	0	0.9	0.9	-1.33	-1.4	0	0	0	0	0	0
10/9/2023 20:28	45901 AUBU_T1	0	0	0	0	0	0	1.66	1.65	0	0	0	0	0	0
10/9/2023 20:28	53501 EVIL_T2	0	0	0	0	0	0	-0.62	-0.69	1	1	0	600	600	0
10/9/2023 20:28	28403 HART_T2	0	0	0	0	0	0	-0.81	-0.82	1	1	0	900	900	0
10/9/2023 20:29	45901 AUBU_T1	0	0	0	0	0	0	1.65	1.67	0	0	0	0	0	0
10/9/2023 20:29	42802 SELI_T1	0	1	1	0	0.9	0.9	-1.4	-1.34	0	0	0	0	0	0
10/9/2023 20:29	61202 REIN_T1	61	61	0	0.98	1.32	0.34	0	0	0	0	0	0	0	0
10/9/2023 20:29	43304 WATS_T2	0	0	0	0	0	0	-0.19	-0.16	0	0	0	0	0	0
10/9/2023 20:29	29401 BELT_T1	0	11	11	0	0.12	0.12	0	0	0	0	0	0	0	0
10/9/2023 20:29	44802 EDAN_T2	0	0	0	0	0	0	-0.93	-0.92	0	0	0	0	0	0
10/9/2023 20:29	64303 LINC_T1	0	0	0	0	0	0	-0.28	-0.27	0	0	0	0	0	0
10/9/2023 20:29	67001 STHI_T2	637	851	214	0.43	0.42	-0.01	0	0	0	0	0	0	0	0
10/9/2023 20:29	53601 DALM_T2	1	1	0	0.2	0.5	0.3	-0.2	-0.22	0	0	0	0	0	0
10/9/2023 20:29	25402 LAHA_T2	0	0	0	0	0	0	-0.84	-0.87	0	0	0	0	0	0
10/9/2023 20:29	53501 EVIL_T2	0	0	0	0	0	0	-0.69	-0.7	1	1	0	600	600	0
10/9/2023 20:29	43402 BENT_T1	0	0	0	0	0	0	-0.96	-0.96	1	1	0	900	900	0
10/9/2023 20:30	40901 JESH_T1	0	3	3	0	0.1	0.1	0	0	0	0	0	0	0	0
10/9/2023 20:30	61101 BERK_T5	1	2	1	0.1	0.2	0.1	0	0	0	0	0	0	0	0
10/9/2023 20:30	42701 AUGU_T1	0	1	1	0	0.1	0.1	0	0	2	2	0	1800	1800	0
10/9/2023 20:30	43001 ALWD_T1	19	19	0	0.41	0.42	0.01	0	0	0	0	0	0	0	0
10/9/2023 20:30	42802 SELI_T1	1	1	0	0.2	0.9	0.7	-2.8	-2.67	0	0	0	0	0	0
10/9/2023 20:31	66505 SMAN_T2	3	3	0	0.9	0.37	-0.53	-0.23	0	2	1	-1	1100	900	-200
10/9/2023 20:31	16402 MOPO_T1	0	0	0	0	0	0	0.68	0.63	0	0	0	0	0	0
10/9/2023 20:31	52401 GRPA_T2	0	2	2	0	0.4	0.4	0	0	0	0	0	0	0	0
10/9/2023 20:31	43304 WATS_T2	0	0	0	0	0	0	-0.19	-0.16	0	0	0	0	0	0
10/9/2023 20:31	61101 BERK_T5	1	2	1	0.1	0.2	0.1	0	0	0	0	0	0	0	0
10/9/2023 20:31	44801 EDAN_T2	1	2	1	0.4	0.1	-0.3	0	0	0	0	0	0	0	0
10/9/2023 20:31	42701 AUGU_T1	0	1	1	0	0.1	0.1	0	0	2	2	0	1800	1800	0
10/9/2023 20:31	46801 HEPB_T2	3	3	0	0.53	0.5	-0.03	1.16	1.19	0	0	0	0	0	0
10/9/2023 20:31	45001 LIME_2	0	6	6	0	0.12	0.12	0	0	0	0	0	0	0

10/9/2023 20:36	46801 HEPB_T2	3	3	0	0.53	0.5	-0.03	0.58	0.55	0	0	0	0	0	0
10/9/2023 20:36	64101 REFR_T1	0	0	0	0	0	0	-0.15	-0.2	0	0	0	0	0	0
10/9/2023 20:36	42201 SHEN_T2	0	0	0	0	0	0	0.45	0.44	0	0	0	0	0	0
10/9/2023 20:36	64801 MONE_T2	0	0	0	0	0	0	0.32	0.29	0	0	0	0	0	0
10/9/2023 20:36	15001 BLMO_T1	228	325	97	0.52	0.63	0.11	0	0	0	0	0	0	0	0
10/9/2023 20:36	16302 ALPA_T2	0	0	0	0	0	0	0.62	0.57	0	0	0	0	0	0
10/9/2023 20:36	28801 LAKE_T1	194	50	-144	0.24	0.11	-0.13	0	0	0	0	0	0	0	0
10/9/2023 20:36	56801 BENV_T1	26	48	22	0.48	0.63	0.15	-1.58	-1.68	2	2	0	1200	1200	0
10/9/2023 20:36	42701 AUGU_T1	0	1	1	0	0.1	0.1	0	0	2	2	0	1800	1800	0
10/9/2023 20:36	42802 SELI_T1	1	1	0	0.2	0.9	0.7	-2.8	-2.67	0	0	0	0	0	0
10/9/2023 20:36	23401 HONE_T2	0	0	0	0	0	0	-0.31	-0.27	0	0	0	0	0	0
10/9/2023 20:36	43304 WATS_T2	0	0	0	0	0	0	-0.19	-0.16	0	0	0	0	0	0
10/9/2023 20:36	64801 MONE_T2	0	0	0	0	0	0	0.32	0.29	0	0	0	0	0	0
10/9/2023 20:36	28604 BLYT_T2	0	0	0	0	0	0	-1.34	-1.33	0	0	0	0	0	0
10/9/2023 20:36	45702 LIND_T2	2	1	-1	1.05	0.8	-0.25	-0.51	-0.51	0	0	0	0	0	0
10/9/2023 20:36	46001 BERW_T1	0	1	1	0	0.1	0.1	0.84	0.81	0	0	0	0	0	0
10/9/2023 20:37	58402 MORO_T1	0	0	0	0	0	0	-1.13	-1.16	2	2	0	1500	1500	0
10/9/2023 20:37	43304 WATS_T2	0	0	0	0	0	0	-0.19	-0.16	0	0	0	0	0	0
10/9/2023 20:37	65604 QVIL_T2	0	0	0	0	0	0	0.24	0.25	0	0	0	0	0	0
10/9/2023 20:37	15001 BLMO_T1	228	325	97	0.52	0.63	0.11	0	0	0	0	0	0	0	0
10/9/2023 20:37	60801 BUCK_T1	0	0	0	0	0	0	-0.2	-0.19	0	0	0	0	0	0
10/9/2023 20:37	46001 BERW_T1	0	1	1	0	0.1	0.1	0.84	0.81	0	0	0	0	0	0
10/9/2023 20:37	13701 SCHN_T2	3	0	-3	0.1	0	-0.1	0	0	0	0	0	0	0	0
10/9/2023 20:38	56803 BENV_T1	3	8	5	0.47	0.38	-0.09	0	0	0	0	0	0	0	0
10/9/2023 20:38	42201 SHEN_T2	0	0	0	0	0	0	0.45	0.44	0	0	0	0	0	0
10/9/2023 20:38	54206 PENN_T2	8	30	22	0.15	0.12	-0.03	0	0	0	0	0	0	0	0
10/9/2023 20:38	58402 MORO_T1	0	0	0	0	0	0	-1.13	-1.16	2	2	0	1500	1500	0
10/9/2023 20:38	12701 MACU_T1	0	0	0	0	0	0	0.1	0.08	0	0	0	0	0	0
10/9/2023 20:38	42802 SELI_T1	1	1	0	0.2	0.9	0.7	-1.4	-1.34	0	0	0	0	0	0
10/9/2023 20:38	43304 WATS_T2	0	0	0	0	0	0	-0.19	-0.16	0	0	0	0	0	0
10/9/2023 20:38	60803 BUCK_T1	6	3	-3	0.33	0.13	-0.2	-0.97	-1	1	1	0	600	600	0
10/9/2023 20:38	64101 REFR_T1	0	0	0	0	0	0	-0.15	-0.2	0	0	0	0	0	0
10/9/2023 20:39	58401 MORO_T1	0	0	0	0	0	0	-1.14	-1.15	1	1	0	600	600	0
10/9/2023 20:39	44801 EDAN_T2	1	2	1	0.4	0.1	-0.3	0	0	0	0	0	0	0	0
10/9/2023 20:39	16301 ALPA_T1	8	15	7	0.19	0.15	-0.04	-0.46	-0.5	0	0	0	0	0	0
10/9/2023 20:40	66501 SMAN_T2	0	7	7	0	0.1	0.1	0	0	0	0	0	0	0	0
10/9/2023 20:40	59101 WALK_T2	1	1	0	0	0	0	1.05	1.08	0	0	0	0	0	0
10/9/2023 20:40	53901 HAU_T2	0	1	1	0	0.1	0.1	0	0	0	0	0	0	0	0
10/9/2023 20:41	58402 MORO_T1	0	0	0	0	0	0	-1.13	-1.16	2	2	0	1500	1500	0
10/9/2023 20:41	20403 ASHF_T2	0	0	0	0	0	0	0.17	0.18	0	0	0	0	0	0
10/9/2023 20:41	52404 GRPA_T2	1	1	0	1.2	1.5	0.3	0	0	0	0	0	0	0	0
10/9/2023 20:41	40101 HUNT_T2	1	0	-1	0.6	0	-0.6	-0.49	-0.52	0	0	0	0	0	0
10/9/2023 20:41	61801 EELI_T2	2	6	4	1.05	0.52	-0.53	-0.33	-0.36	0	0	0	0	0	0
10/9/2023 20:41	24901 WHHA_T1	0	0	0	0	0	0	0.54	0.56	0	0	0	0	0	0
10/9/2023 20:42	64101 REFR_T1	0	0	0	0	0	0	-0.15	-0.2	0	0	0	0	0	0
10/9/2023 20:42	10805 CHNI_T2	1	1	0	7.3	7.4	0.1	-0.92	-1	1	1	0	600	600	0
10/9/2023 20:42	56503 ROCK_T2	1	41	40	0.1	0.16	0.06	0	0	0	0	0	0	0	0
10/9/2023 20:42	26603 BROO_T1	0	0	0	0	0	0	0.12	0.09	0	0	0	0	0	0
10/9/2023 20:43	28403 HART_T2	0	0	0	0	0	0	-0.82	-0.82	1	1	0	900	900	0
10/9/2023 20:43	52402 GRPA_T2	4	4	0	1.68	1.95	0.27	0	0	0	0	0	0	0	0
10/9/2023 20:43	13704 SCHN_T2	4	4	0	0.25	0.2	-0.05	-0.4	-0.4	0	0	0	0	0	0
10/9/2023 20:43	64101 REFR_T1	0	0	0	0	0	0	-0.15	-0.2	0	0	0	0	0	0
10/9/2023 20:44	66703 STRA_T1	2	3	1	0.4	0.3	-0.1	-0.36	-0.37	0	0	0	0	0	0
10/9/2023 20:44	58401 MORO_T1	0	0	0	0	0	0	-1.15	-1.19	1	1	0	600	600	0
10/9/2023 20:45	56801 BENV_T1	35	50	15	0.67	0.65	-0.02	-0.84	-0.8	1	1	0	600	600	0
10/9/2023 20:46	56803 BENV_T1	4	8	4	0.35	0.44	0.09	0	0	0	0	0	0	0	0
10/9/2023 20:47	56803 BENV_T1	4	8	4	0.35	0.44	0.09	0	0	0	0	0	0	0	0
10/9/2023 20:48	56801 BENV_T1	35	50	15	0.67	0.65	-0.02	-0.84	-0.8	1	1	0	600	600	0
10/9/2023 20:50	52401 GRPA_T2	2	2	0	0.3	0.45	0.15	0	0	0	0	0	0	0	0
10/9/2023 20:50	54701 NEBL_T1	3	7	4	0.33	0.36	0.03	0	0	1	1	0	600	600	0
10/9/2023 20:53	52401 GRPA_T2	2	2	0	0.3	0.45	0.15	0	0	0	0	0	0	0	0
10/9/2023 21:27	43402 BENT_T1	0	0	0	0	0	0	-0.95	-0.96	1	1	0	900	900	0
10/9/2023 21:29	43402 BENT_T1	0	0	0	0	0	0	-0.95	-0.96	1	1	0	900	900	0
10/9/2023 22:27	43402 BENT_T1	0	0	0	0	0	0	-0.97	-0.96	1	1	0	900	900	0
10/9/2023 22:29	43402 BENT_T1	0	0	0	0	0	0	-0.97	-0.96	1	1	0	900	900	0
10/9/2023 23:27	43402 BENT_T1	0	1	1	0	0.1	0.1	-0.98	-0.97	1	1	0	900	900	0
10/9/2023 23:29	43402 BENT_T1	0	1	1	0	0.1	0.1	-0.98	-0.97	1	1	0	900	900	0
10/10/2023 0:27	43402 BENT_T1	0	0	0	0	0	0	-0.98	-0.98	1	1	0	900	900	0
10/10/2023 0:28	15103 UPHA_T2	0	0	0	0	0	0	0.22	0.21	0	0	0	0	0	0
10/10/2023 0:28	28602 BLYT_T2	1	1	0	0.1	0.3	0.2	0	0	0	0	0	0	0	0
10/10/2023 0:28	24902 WHHA_T1	0	0	0	0	0	0	0.4	0.38	0	0	0	0	0	0
10/10/2023 0:28	29402 BELT_T1	1	1	0	7.6	7.8	0.2	0	0	0	0	0	0	0	0
10/10/2023 0:28	29401 BELT_T1	0	0	0	0	0	0	0	0	3	3	0	2700	2700	0
10/10/2023 0:28	43304 WATS_T2	0	0	0	0	0	0	-2.4	-2.79	0	0	0	0	0	0
10/10/2023 0:28	45001 LIME_2	33	39	6	0.51	0.58	0.07	0	0	0	0	0	0	0	0
10/10/2023 0:28	42802 SELI_T1	11	16	5	0.23	0.33	0.1	-2.86	-2.94	0	0	0	0	0	0
10/10/2023 0:28	60501 NMAN_T2	3	3	0	5.4	5.53	0.13	0	0	0	0	0	0	0	0
10/10/2023 0:28	42902 MIDD_T2	218	268	50	0.54	0.67	0.13	-0.55	-0.59	0	0	0	0	0	0
10/10/2023 0:28	12701 MACU_T1	0	0	0	0	0	0	0	-0.01	0	0	0	0	0	0
10/10/2023 0:28	53901 HAU_T2	1	1	0	0.3	0.5	0.2	0	0	0	0	0	0	0	0
10/10/2023 0:28	28805 LAKE_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/10/2023 0:28	40601 PIGR_T1	43	11	-32	0.15	0.15	0	0	0	0	0	0	0	0	0
10/10/2023 0:28	43304 WATS_T2	0	0	0	0	0	0	-2.4	-2.79	0	0	0	0	0	0
10/10/2023 0:28	20403 ASHF_T2	0	0	0	0	0	0	0.01	0.02	0	0	0	0	0	0
10/10/2023 0:28	46001 BERW_T1	0	0	0	0	0	0	0.64	0.63	0	0	0	0	0	0
10/10/2023 0:28	58401 MORO_T1	0	0	0	0	0	0	-2.56	-2.58	2	2	0	1200	1200	0
10/10/2023 0:28	44301 BEAV_T2	6	11	5	0.62	0.47	-0.15	0	0	0	0	0	0	0	0
10/10/2023 0:28	15001 BLMO_T1	905	906	1	3.04	2.92	-0.12	0	0	0	0	0	0	0	0
10/10/2023 0:28	67203 TEHI_T1	1	1	0	0	0	0	2.1	2.1	2	2	0	1500	1500	0
10/10/2023 0:28	45902 AUBU_T1	0	0	0	0	0	0	-2.12	-1.91	2	2	0	1200	1200	0
10/10/2023 0:28	21901 HUMB_T1	0	0	0	0	0	0	-2.34	-2.31	0	0	0	0	0	0
10/10/2023 0:28	64101 REFR_T1	0	0	0	0	0	0	-0.01	-0.01	0	0	0	0	0	0
10/10/2023 0:28	40101 HUNT_T2	0	1	1	0	0.1	0.1	-0.68	-0.68	0	0	0	0	0	0
10/10/2023 0:28	52502 PROG_T2	0	0	0	0	0	0	0.18	0.15	0	0	0	0	0	0
10/10/2023 0:28	27502 WEIS_T2	0	0	0	0	0	0	-0.21	-0.23	0	0	0	0	0	0
10/10/2023 0:28	43402 BENT_T1	0	0	0	0	0	0	-0.98	-0.98	1	1	0	900	900	0
10/10/2023 0:28	43001 ALWD_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/10/2023 0:28	41901 REED_T1	0	0	0	0	0	0	-1.34	-1.38	1	1	0	900	900	0
10/10/2023 0:28	56801 BENV_T1	30	36	6	0.86	0.95	0.09	-1.8	-1.84	2	2	0	1200	1200	0
10/10/2023 0:28	16302 ALPA_T2	0	0	0	0	0	0	0.96	0.96	0	0	0	0	0	0
10/10/2023 0:28	13105 NHAM_T2	0	0	0	0	0	0	-0.39	-0.42	1	1	0	1200	1200	0
10/10/2023 0:28	41801 GOCI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/10/2023 0:28	17804 GILB_T2	0	0	0	0	0	0	-0.59	-0.61	0	0	0	0	0	0
10/10/2023 0:28	67001 STHI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/10/2023 0:28	61001 DONV_T1	0	0	0	0	0	0	1.04	1.06	0	0	0	0	0	0
10/10/2023 0:28	61103 BERK_T5	0	0	0	0	0	0	-0.01	-0.01	0	0	0	0	0	0
10/10/2023 0:28	44601 SALE_T2	0	0	0	0	0	0	-0.19	-0.2	0	0	0	0	0	0
10/10/2023 0:28	56802 BENV_T2	1	1	0	0.4	0.3	-0.1	-4.8	-4.71	0	0	0	0	0	0
10/10/2023 0:28	59101 WALK_T2	1	1	0	0	0	0	0.66	0.64	0	0	0	0	0	0
10/10/2023 0:29	43402 BENT_T1	0	0	0	0	0	0	-0.98	-0.98	1	1	0	900	900	0
10/10/2023 0:36	61202 REIN_T1	61	61	0	1.25	1.18	-0.07	0	0	0	0	0	0	0	0
10/10/2023 1:27	43402 BENT_T1	0	0	0	0	0	0	-0.97	-0.98	1	1	0	900	900	0
10/10/2023 1:29	43402 BENT_T1	0	0	0	0	0	0	-0.97	-0.98	1	1	0	900	900	0
10/10/2023 1:37	42802 SELI_T1	0	0	0	0	0	0	-1.48	-1.53	0	0	0	0	0	0
10/10/2023 2:27	43402 BENT_T1	0	0	0	0	0	0	-0.99	-1	1	1	0	900	900	0
10/10/2023 2:29	43402 BENT_T1	0	0	0	0	0	0	-0.99	-1	1	1	0	900	900	0
10/10/2023 3:27	43402 BENT_T1	0	0	0	0	0	0	-0.97	-0.99	1	1	0	900	900	0
10/10/2023 3:29	43402 BENT_T1	0	0	0	0	0	0	-0.97	-0.99	1	1	0	900	900	0
10/10/2023 3:47	43402 BENT_T1	0	0	0	0	0	0	-1	-0.98	1	1	0	900	900	0
10/10/2023 3:47	61202 REIN_T1	61	61	0	1.25	1.1	-0.15	0	0	0	0	0	0	0	0
10/10/2023 4:27	61202 REIN_T1	61	61	0	1.09	1.02	-0.07	0	0	0	0	0	0	0	0
10/10/2023 4:47	65002 NEFF_T2	0	1	1	0	0	0	0	0	0	0	0	0	0	0
10/10/2023 5:12	61202 REIN_T1	61	60	-1	0.78	0.73	-0.05	0	0	0	0	0	0	0	0
10/10/2023 5:27	61202 REIN_T1	60	59	-1	0.72	0.6	-0.12	0	0	0	0	0	0	0	0
10/10/2023 6:49	53903 HAU_T2	2	0	-2	0.1	0	-0.1	-0.14	-0.15	0	0	0	0	0	0
10/10/2023 7:00	53903 HAU_T2	0	0	0	0	0	0	-0.15	-0.14	0	0	0	0	0	0
10/10/2023 7:13	46203 DANV_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/10/2023 7:16	54701 NEBL_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/10/2023 7:17	61202 REIN_T1	58	60	2	0.62	0.79	0.17	0	0	0	0	0	0	0	0
10/10/2023 7:47	61202 REIN_T1	55	59	4	0.4	0.66	0.26	0	0	0	0	0	0	0	0
10/10/2023 7:57	61202 REIN_T1	55	59	4	0.4	0.66	0.26	0	0	0	0	0	0	0	0
10/10/2023 8:09	46206 DANV_T2	1	0	-1	0.2	0	-0.2	0	0	0	0	0	0	0	0
10/10/2023 8:15	58402 MORO_T1	0	0	0	0	0	0	-2.18	-1.09	3	2	-1	2400	1500	-900
10/10/2023 8:16	58402 MORO_T1	0	0	0	0	0	0	-2.18	-1.09	3	2	-1	2400	1500	-900
10/10/2023 8:16	54701 NEBL_T1	0	2	2	0	0.2	0.2	0	0	1	1	0	600	600	0
10/10/2023 8:28	56802 BENV_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/10/2023 8:32	56802 BENV_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/10/2023 8:38	53601 DALM_T2	1	1	0	0.5	0.7	0.2	-0.37	-0.34	1	1	0	900	900	0
10/10/2023 8:42	61202 REIN_T1	58	57	-1	0.71	0.68	-0.03	0	0	0	0	0	0	0	0
10/10/2023 8:47	44601 SALE_T2	0	0	0	0	0	0	0.09	0.74	1	2	1	600	900	300
10/10/2023 8:51	45802 HEGI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/10/2023 8:51	44601 SALE_T2	0	0	0	0	0	0	0.09	0.74	1	2	1	600	900	300
10/10/2023 8:55	43001 ALWD_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/10/2023 8:56	52402 GRPA_T2	8	21	13	0.69	0.46	-0.23	0	0	0	0	0	0	0	0
10/10/2023 9:08	26603 BROO_T1	0	1	1	0	0	0	0.2	0.2	0	0	0	0	0	0
10/10/2023 9:11	43001 ALWD_T1	0	12	12	0	0	0	0	0	0	0	0	0	0	0
10/10/2023 9:26	25801 SUTR_T2	0	0	0	0	0	0	-0.07	-0.07	0	0	0	0	0	0
10/10/2023 9:26	49803 UNIV_T1	1	1	0	0.8	0.8	0	-1.1	-1.07	0	0	0	0	0	0
10/10/2023 9:27	56802 BENV_T2	29	92	63	0.19	0.18	-0.01	-1.6	-1.6	0	0	0	0	0	0
10/10/2023 9:28	56802 BENV_T2	29	92	63	0.19	0.18	-0.01	-1.6	-1.6	0	0	0	0	0	0
10/10/2023 9:28	28604 BLYT_T2	0	0	0	0	0	0	-1.4	-1.39	0	0	0	0	0	0
10/10/2023 9:29	10801 CHNI_T1	2	0	-2	0.1	0	-0.1	-0.72	-0.75	1	1	0	900	900	0
10/10/2023 9:33	40902 JESH_T1	0	14	14	0	0	0	-0.72	-0.74	2	2	0	1200	1200	0
10/10/2023 9:33	26401 INOR_T1	0	1	1	0	0	0	0.67	0.81	0	0	0	0	0	0
10/10/2023 9:35	43202 MVIL_T2	1	1	0	0.6	0.4	-0.2	-0.64	-0.68	0	0	0	0	0	0
10/10/2023 9:37	40101 HUNT_T2	0	1	1	0	0.2	0.2	-0.23	-0.2	0	0	0	0	0	0
10/10/2023 9:38	13704 SCHN_T2	1	1	0	0.2	0.1	-0.1	-0.35	-0.36	0	0	0	0	0	0
10/10/2023 9:38	42201 SHEN_T2	0	0	0	0	0	0	-0.18	-0.16	1	1	0	600	600	0
10/10/2023 9:38	42001 MNVL_T2	3	0	-3	0.3	0	-0.3	0	-0.04	0	0	0	0	0	0
10/10/2023 9:38	43202 MVIL_T2	1	1	0	0.6	0.4	-0.2	-0.64	-0.68	0	0	0	0	0	0
10/10/2023 9:41	45902 AUBU_T1	0	0	0	0	0	0	-0.57	-0.57	1	1	0	600	600	0
10/10/2023 9:42	29402 BELT_T1	1	1	0	7.8	7.9	0.1	0	0	0	0	0	0	0	0
10/10/2023 9:42	45901 AUBU_T1	0	0	0	0	0	0	0.37	0.36	0	0	0	0	0	0
10/10/2023 9:43	45901 AUBU_T1	0	0	0	0	0	0	0.37	0.36	0	0	0	0	0	0
10/10/2023 9:44	67502 WEWI_T2	1	32	31	0.1	0.15	0.05	0	0	0	0	0	0	0	0
10/10/2023 9:44	43001 ALWD_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/10/2023 9:44	45902 AUBU_T1	0	0	0	0	0	0	-0.57	-0.54	1	1	0	600	600	0
10/10/2023 9:45	45902 AUBU_T1	0	0	0	0	0	0	-0.57	-0.54	1	1	0	600	600	0
10/10/2023 9:46	45901 AUBU_T1	0	0	0	0	0	0	0.36	0.41	0	0	0	0	0	0
10/10/2023 9:47	64301 LINC_T1	0	0	0	0	0	0	-0.01	-0.01	1	1	0	600	600	0
10/10/2023 9:49	52402 GRPA_T2	7	10	3	0.84	0.93	0.09	0	0	0	0	0	0	0	0
10/10/2023 9:50	52401 GRPA_T2	0	1	1	0	0.3	0.3	0	0	0	0	0	0	0	0
10/10/2023 9:51	45802 HEGI_T2	0	0	0	0	0	0	1.38	1.42	0	0	0	0	0	0
10/10/2023 9:51	23401 HONE_T2	0	0	0	0	0	0	-0.23	-0.23	0	0	0	0	0	0
10/10/2023 9:52	15001 BLMO_T1	337	387	50	3.97	3.67	-0.3	0	0	0	0	0	0	0	0
10/10/2023 9:53	41902 REED_T1	0	1	1	0	0	0	0	0	0	0	0	0	0	0
10/10/2023 9:53	66502 SMAN_T2	0	1	1	0	0.2	0.2	0	0	0	0	0	0	0	0
10/10/2023 9:54	15001 BLMO_T1	337	387	50	3.97	3.67	-0.3	0	0	0	0	0	0	0	0
10/10/2023 9:55	15001 BLMO_T1	337	387	50	3.97	3.67	-0.3	0	0	0	0	0	0	0	0
10/10/2023 9:56	59102 WALK_T2	1

10/10/2023 10:07	58402 MORO_T1	0	0	0	0	0	0	-2.1	-2.06	4	4	0	3000	3000	0
10/10/2023 10:07	12701 MACU_T1	0	0	0	0	0	0	0.11	0.1	0	0	0	0	0	0
10/10/2023 10:07	53903 HALI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/10/2023 10:07	64101 REFR_T1	0	0	0	0	0	0	-0.16	-0.16	0	0	0	0	0	0
10/10/2023 10:07	64301 LINC_T1	0	0	0	0	0	0	-0.01	-0.01	1	1	0	600	600	0
10/10/2023 10:08	41901 REED_T1	2	3	1	0.2	0.2	0	-1.27	-1.15	1	1	0	900	900	0
10/10/2023 10:08	64101 REFR_T1	0	0	0	0	0	0	-0.16	-0.16	0	0	0	0	0	0
10/10/2023 10:08	12701 MACU_T1	0	0	0	0	0	0	0.11	0.1	0	0	0	0	0	0
10/10/2023 10:08	54701 NEBL_T1	0	0	0	0	0	0	0	0	1	1	0	600	600	0
10/10/2023 10:09	54701 NEBL_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/10/2023 10:10	64101 REFR_T1	0	0	0	0	0	0	-0.33	-0.33	0	0	0	0	0	0
10/10/2023 10:10	66501 SMAN_T2	0	2	2	0	0.2	0.2	0	0	0	0	0	0	0	0
10/10/2023 10:10	43202 MVIL_T2	1	1	0	0.2	0.7	0.5	-0.67	-0.66	0	0	0	0	0	0
10/10/2023 10:11	45902 AUBU_T1	0	0	0	0	0	0	-0.54	-0.53	1	1	0	600	600	0
10/10/2023 10:11	43304 WATS_T2	0	0	0	0	0	0	-1.71	-1.65	0	0	0	0	0	0
10/10/2023 10:11	64101 REFR_T1	0	0	0	0	0	0	-0.16	-0.16	0	0	0	0	0	0
10/10/2023 10:11	45402 WILO_T2	3	4	1	0.4	0.43	0.03	0	0	0	0	0	0	0	0
10/10/2023 10:11	59102 WALK_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/10/2023 10:11	48302 ORWI_T2	2	2	0	0.35	0.55	0.2	-0.54	-0.57	0	0	0	0	0	0
10/10/2023 10:12	46004 BERW_T2	1	3	2	0.1	0.27	0.17	0	0	0	0	0	0	0	0
10/10/2023 10:12	64101 REFR_T1	0	0	0	0	0	0	-0.16	-0.16	0	0	0	0	0	0
10/10/2023 10:12	45901 AUBU_T1	0	0	0	0	0	0	0.41	0.43	0	0	0	0	0	0
10/10/2023 10:12	66703 STRA_T1	0	0	0	0	0	0	-0.15	-0.06	0	0	0	0	0	0
10/10/2023 10:13	45901 AUBU_T1	0	0	0	0	0	0	0.41	0.43	0	0	0	0	0	0
10/10/2023 10:13	66505 SMAN_T2	0	0	0	0	0	0	0.05	0.13	2	2	0	1100	1100	0
10/10/2023 10:13	29402 BELT_T1	1	1	0	7.9	8.3	0.4	0	0	0	0	0	0	0	0
10/10/2023 10:13	53601 DALM_T2	1	1	0	1.2	1.1	-0.1	-0.36	-0.39	1	1	0	900	900	0
10/10/2023 10:13	49803 UNIV_T1	1	1	0	1.1	1.6	0.5	-1.05	-1.15	0	0	0	0	0	0
10/10/2023 10:13	56802 BENV_T2	10	11	1	0.26	0.32	0.06	-2.37	-2.04	0	0	0	0	0	0
10/10/2023 10:13	25801 SUTR_T2	0	1	1	0	0	0	-0.11	-0.09	0	0	0	0	0	0
10/10/2023 10:14	29402 BELT_T1	1	1	0	7.9	8.3	0.4	0	0	0	0	0	0	0	0
10/10/2023 10:14	60801 BUCK_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/10/2023 10:14	43001 ALWD_T1	0	2	2	0	0.2	0.2	0	0	0	0	0	0	0	0
10/10/2023 10:14	43301 WATS_T2	1	1	0	0.9	0.9	0	0	0	0	0	0	0	0	0
10/10/2023 10:14	56802 BENV_T2	10	11	1	0.26	0.32	0.06	-0.68	-0.68	0	0	0	0	0	0
10/10/2023 10:15	43001 ALWD_T1	1	3	2	0.2	0.67	0.47	0	0	0	0	0	0	0	0
10/10/2023 10:15	43304 WATS_T2	0	0	0	0	0	0	-0.55	-0.53	0	0	0	0	0	0
10/10/2023 10:15	56802 BENV_T2	11	5	-6	0.3	0.4	0.1	-2.72	-2.72	0	0	0	0	0	0
10/10/2023 10:15	46203 DANV_T2	4	8	4	0.33	0.43	0.1	-0.16	-0.16	0	0	0	0	0	0
10/10/2023 10:15	67502 WEWI_T2	31	31	0	0.18	0.22	0.04	0	0	0	0	0	0	0	0
10/10/2023 10:16	67502 WEWI_T2	31	31	0	0.18	0.22	0.04	-0.4	-0.41	0	0	0	0	0	0
10/10/2023 10:16	46203 DANV_T2	4	8	4	0.33	0.43	0.1	-0.16	-0.16	0	0	0	0	0	0
10/10/2023 10:16	56802 BENV_T2	11	5	-6	0.3	0.4	0.1	-0.68	-0.68	0	0	0	0	0	0
10/10/2023 10:16	61801 EEU_T2	2	2	0	0.95	0.95	0	-0.14	-0.13	0	0	0	0	0	0
10/10/2023 10:16	26603 BROD_T1	1	1	0	0.4	0.5	0.1	0.18	0.18	0	0	0	0	0	0
10/10/2023 10:16	17802 GILB_T1	0	0	0	0	0	0	0.13	0.15	0	0	0	0	0	0
10/10/2023 10:17	10801 CHHI_T1	0	0	0	0	0	0	-0.87	-0.73	1	1	0	900	900	0
10/10/2023 10:17	17804 GILB_T2	0	0	0	0	0	0	-0.57	-0.59	0	0	0	0	0	0
10/10/2023 10:17	23401 HONE_T2	0	0	0	0	0	0	-0.16	-0.19	0	0	0	0	0	0
10/10/2023 10:18	61303 EARL_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/10/2023 10:20	42002 MNVL_T2	1	1	0	3.9	3.9	0	0	0	0	0	0	0	0	0
10/10/2023 10:20	28403 HART_T2	0	0	0	0	0	0	-0.92	-0.93	1	1	0	900	900	0
10/10/2023 10:20	40902 JESH_T1	0	0	0	0	0	0	-0.94	0.09	2	1	-1	1200	600	-600
10/10/2023 10:21	65003 NEFF_T2	5	7	2	0.12	0.23	0.11	0	0	0	0	0	0	0	0
10/10/2023 10:21	52402 GRPA_T2	9	10	1	0.87	0.93	0.06	0	0	0	0	0	0	0	0
10/10/2023 10:23	16402 MOPO_T1	0	0	0	0	0	0	0.8	0.84	0	0	0	0	0	0
10/10/2023 10:24	66504 SMAN_T2	1	0	-1	0.2	0	-0.2	-0.42	-0.4	0	0	0	0	0	0
10/10/2023 10:24	16402 MOPO_T1	0	0	0	0	0	0	0.8	0.84	0	0	0	0	0	0
10/10/2023 10:26	59101 WALK_T2	1	1	0	0	0	0	2.36	2.02	0	0	0	0	0	0
10/10/2023 10:26	20403 ASHF_T2	17	19	2	0.19	0.29	0.1	1.01	1.03	0	0	0	0	0	0
10/10/2023 10:27	28604 BLYT_T2	0	1	1	0	0.2	0.2	-1.4	-1.41	0	0	0	0	0	0
10/10/2023 10:27	29402 BELT_T1	1	2	1	8	4.35	-3.65	0	0	0	0	0	0	0	0
10/10/2023 10:29	43402 BENT_T1	2	3	1	0.35	0.67	0.32	-0.85	-0.82	1	2	1	900	1500	600
10/10/2023 10:29	59101 WALK_T2	1	1	0	0	0	0	2.02	2.18	0	0	0	0	0	0
10/10/2023 10:30	29401 BELT_T1	28	17	-11	0.15	0.12	-0.03	0	0	1	1	0	900	900	0
10/10/2023 10:31	46803 HEPB_T2	2	2	0	0.25	0.3	0.05	0	0	0	0	0	0	0	0
10/10/2023 10:31	28604 BLYT_T2	0	1	1	0	0.2	0.2	-1.41	-1.38	0	0	0	0	0	0
10/10/2023 10:31	17805 GILB_T2	0	0	0	0	0	0	0.04	0	0	0	0	0	0	0
10/10/2023 10:32	64305 LINC_T1	0	0	0	0	0	0	-0.12	-0.08	0	0	0	0	0	0
10/10/2023 10:34	52402 GRPA_T2	8	11	3	0.91	0.96	0.05	0	0	0	0	0	0	0	0
10/10/2023 10:34	42401 GIMA_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/10/2023 10:35	12701 MACU_T1	0	1	1	0	0.4	0.4	0.22	0.18	0	0	0	0	0	0
10/10/2023 10:36	17805 GILB_T2	0	0	0	0	0	0	0.04	0	0	0	0	0	0	0
10/10/2023 10:36	45702 LIND_T2	1	1	0	1.1	1.4	0.3	-0.36	-0.32	0	0	0	0	0	0
10/10/2023 10:36	15001 BLMO_T1	321	344	23	4.53	4.09	-0.44	0	0	0	0	0	0	0	0
10/10/2023 10:36	46803 HEPB_T2	2	2	0	0.25	0.3	0.05	0.45	0.44	0	0	0	0	0	0
10/10/2023 10:37	42902 MIDD_T2	2	1	-1	0.15	0.6	0.45	-0.31	-0.27	0	0	0	0	0	0
10/10/2023 10:37	15001 BLMO_T1	321	344	23	4.53	4.09	-0.44	0	0	0	0	0	0	0	0
10/10/2023 10:37	56504 ROCK_T2	1	0	-1	0.2	0	-0.2	0	0	0	0	0	0	0	0
10/10/2023 10:38	54001 SDLE_T1	7	9	2	0.64	0.78	0.14	0	0	1	1	0	600	600	0
10/10/2023 10:38	65002 NEFF_T2	0	4	4	0	0.1	0.1	0	0	0	0	0	0	0	0
10/10/2023 10:39	13105 NHAM_T2	0	0	0	0	0	0	-0.32	-0.36	1	1	0	1200	1200	0
10/10/2023 10:39	15001 BLMO_T1	321	344	23	4.53	4.09	-0.44	0	0	0	0	0	0	0	0
10/10/2023 10:42	29401 BELT_T1	28	17	-11	0.15	0.12	-0.03	0	0	0	0	0	0	0	0
10/10/2023 10:43	67502 WEWI_T2	5	127	122	0.3	0.2	-0.1	0	0	0	0	0	0	0	0
10/10/2023 10:43	54001 SDLE_T1	7	9	2	0.64	0.78	0.14	0	0	1	1	0	600	600	0
10/10/2023 10:45	53501 EVIL_T2	9	7	-2	0.43	0.3	-0.13	0.26	0.27	1	1	0	600	600	0
10/10/2023 10:46	51604 DUKE_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/10/2023 10:48	53501 EVIL_T2	9	7	-2	0.43	0.3	-0.13	0.26	0.27	1	1	0	600	600	0
10/10/2023 10:49	53501 EVIL_T2	9	7	-2	0.43	0.3	-0.13	0.26	0.27	1	1	0	600	600	0
10/10/2023 10:49	45802 HEGI_T2	1	1	0	0.3	0.1	-0.2	1.42	1.51	0	0	0	0	0	0
10/10/2023 10:52	44601 SALE_T2	0	0	0	0	0	0	1.06	0.08	1	1	0	600	600	0
10/10/2023 10:53	44601 SALE_T2	0	0	0	0	0	0	1.06	0.08	1	1	0	600	600	0
10/10/2023 10:54	49804 UNIV_T1	0	1	1	0	0.6	0.6	0	0	0	0	0	0	0	0
10/10/2023 10:55	10504 CRAC_T1	0	0	0	0	0	0	0.07	0.05	0	0	0	0	0	0
10/10/2023 10:57	64802 MONE_T2	12	36	24	0.32	0.24	-0.08	0	0	0	0	0	0	0	0
10/10/2023 11:00	54505 ENOL_T2	1	1	0	1	1	0	0	0	0	0	0	0	0	0
10/10/2023 11:00	67502 WEWI_T2	126	198	72	0.2	0.26	0.06	0	0	0	0	0	0	0	0
10/10/2023 11:01	56603 HAMP_T1	33	50	17	0.12	0.14	0.02	0	0	0	0	0	0	0	0
10/10/2023 11:01	54504 ENOL_T2	1	1	0	0.5	0.7	0.2	0	0	0	0	0	0	0	0
10/10/2023 11:03	53903 HALI_T2	4	3	-1	0.6	0.7	0.1	-0.05	-0.05	0	0	0	0	0	0
10/10/2023 11:03	56603 HAMP_T1	33	50	17	0.12	0.14	0.02	0	0	0	0	0	0	0	0
10/10/2023 11:04	56603 HAMP_T1	33	50	17	0.12	0.14	0.02	0	0	0	0	0	0	0	0
10/10/2023 11:04	54502 ENOL_T2	1	1	0	0.5	0.6	0.1	0	0	0	0	0	0	0	0
10/10/2023 11:04	28403 HART_T2	0	0	0	0	0	0	-0.93	-0.91	1	1	0	900	900	0
10/10/2023 11:04	54503 ENOL_T2	0	0	0	0	0	0	-0.42	-0.43	1	1	0	600	600	0
10/10/2023 11:05	53901 HALI_T2	2	3	1	0.25	0.2	-0.05	0	0	0	0	0	0	0	0
10/10/2023 11:05	54502 ENOL_T2	1	1	0	0.5	0.6	0.1	0	0	0	0	0	0	0	0
10/10/2023 11:05	39601 LNFD_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/10/2023 11:05	53901 HALI_T2	2	3	1	0.25	0.2	-0.05	0	0	0	0	0	0	0	0
10/10/2023 11:05	59302 MCAL_T1	0	0	0	0	0	0	-0.06	-0.02	1	1	0	600	600	0
10/10/2023 11:08	64101 REFR_T1	0	8	8	0	0.29	0.29	-0.18	-0.16	0	0	0	0	0	0
10/10/2023 11:09	67203 TEHI_T1	1	1	0	0	0	0	2.05	2.18	2	2	0	1500	1500	0
10/10/2023 11:10	54202 PENN_T2	0	0	0	0	0	0	0.6	0.84	0	0	0	0	0	0
10/10/2023 11:10	54202 PENN_T2	0	0	0	0	0	0	0.6	0.84	0	0	0	0	0	0
10/10/2023 11:11	59101 WALK_T2	1	1	0	0	0	0	1.93	1.86	0	0	0	0	0	0
10/10/2023 11:11	54701 NEBL_T1	0	0	0	0	0	0	0	0	1	1	0	600	600	0
10/10/2023 11:11	56802 BENV_T2	15	19	4	0.34	0.43	0.09	-0.65	-0.72	0	0	0	0	0	0
10/10/2023 11:12	42201 SHEN_T2	0	1	1	0	0.7	0.7	-0.13	-0.2	1	1	0	600	600	0
10/10/2023 11:12	56802 BENV_T2	15	19	4	0.34	0.43	0.09	-1.3	-1.44	0	0	0	0	0	0
10/10/2023 11:12	43001 ALWD_T1	2	3	1	0.9	0.27	-0.63	0	0	0	0	0	0	0	0
10/10/2023 11:12	60803 BUCK_T1	0	3	3	0	0.37	0.37	-0.86	-0.9	1	1	0	600	600	0
10/10/2023 11:12	67605 WARW_T1	14	17	3	0.42	0.47	0.05	-1.14	-1.12	0	0	0	0	0	0
10/10/2023 11:13	43001 ALWD_T1	2	3	1	0.9	0.27	-0.63	0	0	0	0	0	0	0	0
10/10/2023 11:13	60803 BUCK_T1	0	3	3	0	0.37	0.37	-0.86	-0.9	1	1	0	600	600	0
10/10/2023 11:13	45402 WILO_T2	2	4	2	0.75	0.68	-0.07	-0.77	-0.81	0	0	0	0	0	0
10/10/2023 11:14	67501 WEWI_T1	7	41	34	0.4	0.23	-0.17	-0.49	-0.54	0	0	0	0	0	0
10/10/2023 11:14	61303 EARL_T1	0	0	0	0	0	0	0.82	0.75	0	0	0	0	0	0
10/10/2023 11:16	63802 HEMP_T1	13	36	23	0.22	0.27	0.05	-0.43	-0.43	0	0	0	0	0	0
10/10/2023 11:17	67503 WEWI_T2	0	3	3	0	0.27	0.27	-0.29	-0.29	0	0	0	0	0	0
10/10/2023 11:17	51604 DUKE_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/10/2023 11:17	56802 BENV_T2	16	22	6	0.38	0.41	0.03	-1.44	-1.32	0	0	0	0	0	0
10/10/2023 11:18	67505 WEWI_T1	1	1	0	0.1	0.3	0.2	0	0	0	0	0	0	0	0
10/10/2023 11:24	64101 REFR_T1	7	3	-4	0.3	0.23	-0.07	-0.16	-0.14	0	0	0	0	0	0
10/10/2023 11:24	42201 SHEN_T2	0	1	1	0	1.3	1.3	-0.2	-0.19	1	1	0	600	600	0
10/10/2023 11:24	64801 MONE_T2	7	7	0	0.3	0.33	0.03	0	0	0	0	0	0	0	0
10/10/2023 11:26	66701 STRA_T1	1	1	0	0.5	0.2	-0.3	0	0	0	0	0	0	0	0
10/10/2023 11:26	45902 AUBU_T1	0	1	1	0	0.1	0.1	-0.55	-0.54	1	1	0	600	600	0
10/10/2023 11:29	20401 ASHF_T2	1	2	1	0.2	0.35	0.15	0	0	0	0	0	0	0	0
10/10/2023 11:29	67501 WEWI_T1	32	33	1	0.26	0.24	-0.02	-0.54	-0.52	0	0	0	0	0	0
10/10/2023 11:30	67503 WEWI_T2	0	3	3	0	0.27	0.27	-0.29	-0.3	0	0	0	0	0	0
10/10/2023 11:30	45902 AUBU_T1	0	1	1	0	0.1	0.1	-0.54	-0.51	1	1	0	600	600	0
10/10/2023 11:31	42201 SHEN_T2	1	1	0	0.7	1.3	0.6	-0.19	-0.21	1	1	0	600	600	0
10/10/2023 11:31	67502 WEWI_T2	194	161	-33	0.26	0.23	-0.03	-0.2	-0.2	0	0	0	0	0	0
10/10/2023 11:32	67503 WEWI_T2	0	3	3	0	0.27	0.27	-0.29	-0.3	0	0	0	0	0	0
10/10/2023 11:32	67502 WEWI_T2	194	161	-33	0.26	0.23	-0.03	-0.2	-0.2	0	0	0	0	0	0
10/10/2023 11:33	53902 HALI_T2	1	1	0	0.6	0.5	-0.1	0	0	0	0	0	0	0	0
10/10/2023 11:33	40902 JESH_T1	0	0	0	0	0	0	0.01	0.11	1	1	0	600	600	0
10/10/2023 11:33	67503 WEWI_T2	0	3	3	0	0.27	0.27	-0.29	-0.3	0	0	0	0	0	0
10/10/2023 11:33	64303 LINC_T1	0	0	0	0	0	0	-0.24	-0.26	0	0	0	0	0	0
10/10/2023 11:33	67502 WEWI_T2	194	161	-33	0.26	0.23	-0.03	-0.2	-0.2	0	0	0	0	0	0
10/10/2023 11:34	67502 WEWI_T2	194	161	-33	0.26	0.23	-0.03	-0.4	-0.39	0	0	0	0	0	0
10/10/2023 11:34	67501 WEWI_T1	33	0	-33	0.24	0	-0.24	-0.54	-0.52	0	0	0	0	0	0
10/10/2023 11:34	67502 WEWI_T2	194	161	-33	0.26	0.23	-0.03	-0.4	-0.39	0	0	0	0	0	0
10/10/2023 11:35	64305 LINC_T1	0	0	0	0	0	0	-0.06	-0.03	0	0	0	0	0	0
10/10/2023 11:37	64301 LINC_T1	0	0	0	0	0	0	0.04	-0.01	1	1	0	600	600	0
10/10/2023 11:38	42201 SHEN_T2	1	1	0	0.7	1.3	0.6	-0.19	-0.21	1	1	0	600	600	0
10/10/2023 11:41	59101 WALK_T2	1	1	0	0	0	0	1.99	2.08	0	0	0	0	0	0
10/10/2023 11:43	59102 WALK_T2	1	3	2	0.6	0.53	-0.07	0	0	0	0	0	0	0	0
10/10/2023 11:43	43001 ALWD_T1	3	3	0	0.27	1.27	1	0	0	0	0	0	0	0	0
10/10/2023 11:44	43001 ALWD_T1	3	3	0	0.27	1.27	1	0	0	0	0	0	0	0	0
10/10/2023 11:44	46001 BERW_T1	0	0	0	0	0	0	0.83	0.9	0	0	0	0	0	0
10/10/2023 11:45	46001 BERW_T1	0	0	0	0	0	0	0.83	0.9	0	0	0	0	0	0
10/10/2023 11:45	56603 HAMP_T1	67	85	18	0.19	0.22	0.03	0	0	0	0	0	0	0	0
10/10/2023 11:46	54502 ENOL_T2	2	2	0	0.35	0.4	0.05	0	0	0	0	0	0	0	0
10/10/2023 11:46	56603 HAMP_T1	67	85	18	0.19	0.22	0.03	0	0	0	0	0	0	0	0
10/10/2023 11:46	51602 DUKE_T2	1	1	0	0.1	0.2	0.1	0	0	0	0	0	0	0	0
10/10/2023 11:47	54505 ENOL_T2	1	1	0	1.1	1.1	0	0	0	0	0	0	0	0	0
10/10/2023 11:48	42401 GIMA_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/10/2023 11:49	40902 JESH_T1	0	0	0	0	0	0	0.11	0.09	1	1	0	600	600	0
10/10/2023 11:51	42201 SHEN_T2	1	2	1	1.3	0.7	-0.6	-0.21	-0.23	1	1	0	600	600	0
10/10/2023 11:51	15001 BLMO_T1	405	570	165	3.76	2.52	-1.24	0	0	0	0	0	0	0	0
10/10/2023 11:52	16401 MOPO_T1	1	1	0	0.2	0.4	0.2	0	0	0	0	0	0	0	0
10/10/2023 11:52	53903 HALI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/10/2023 11:52	15001 BLMO_T1	405	570	165	3.76	2.52	-1.24	0	0	0	0	0	0	0	0
10/10/2023 11:53	13105 NHAM_T2	0	0	0	0	0	0	-0.38	-0.35	1	1	0	1200	1200	0
10/10/2023 11:53	10504 CRAC_T1	0	0	0	0	0	0	0.15	0.23	0	0	0	0	0	0
10/10/2023 11:54	14401 SSLA_T1	1	2	1	1	0.65

Appendix C - Grid Benefits Achieved in Each Instance of Active Management

10/10/2023 13:03	67501 WEWI_T1	0	1	1	0	0.1	0.1	-0.51	-0.5	0	0	0	0	0	0
10/10/2023 13:04	67501 WEWI_T1	0	1	1	0	0.1	0.1	-0.51	-0.5	0	0	0	0	0	0
10/10/2023 13:05	58402 MORO_T1	0	0	0	0	0	0	-2.26	-2.18	4	4	0	3000	3000	0
10/10/2023 13:09	58402 MORO_T1	0	0	0	0	0	0	-1.13	-1.09	2	2	0	1500	1500	0
10/10/2023 13:10	64101 REFR_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/10/2023 13:13	43001 ALWD_T1	2	2	0	0.25	0.3	0.05	0	0	0	0	0	0	0	0
10/10/2023 13:14	43001 ALWD_T1	2	2	0	0.25	0.3	0.05	0	0	0	0	0	0	0	0
10/10/2023 13:15	67502 WEWI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/10/2023 13:17	61303 EARL_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/10/2023 13:19	22901 HARW_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/10/2023 13:24	13704 SCHN_T2	5	6	1	0.3	0.23	-0.07	-0.35	-0.33	0	0	0	0	0	0
10/10/2023 13:26	13704 SCHN_T2	5	6	1	0.3	0.23	-0.07	-0.71	-0.67	0	0	0	0	0	0
10/10/2023 13:27	45902 AUBU_T1	3	3	0	0.23	0.33	0.1	-0.61	-0.67	1	1	0	600	600	0
10/10/2023 13:27	46004 BERW_T2	2	2	0	0.15	0.4	0.25	0	0	0	0	0	0	0	0
10/10/2023 13:28	45902 AUBU_T1	3	3	0	0.23	0.33	0.1	0	0	0	0	0	0	0	0
10/10/2023 13:29	45902 AUBU_T1	3	3	0	0.23	0.33	0.1	-0.67	-0.73	1	1	0	600	600	0
10/10/2023 13:30	45902 AUBU_T1	3	1	-2	0.33	0.2	-0.13	-0.67	-0.73	1	1	0	600	600	0
10/10/2023 13:33	64303 LINC_T1	0	0	0	0	0	0	-0.22	-0.24	0	0	0	0	0	0
10/10/2023 13:35	22901 HARW_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/10/2023 13:35	64305 LINC_T1	0	0	0	0	0	0	-0.01	-0.05	0	0	0	0	0	0
10/10/2023 13:37	64301 LINC_T1	0	0	0	0	0	0	-0.01	0.02	1	1	0	600	600	0
10/10/2023 13:37	53903 HALI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/10/2023 13:39	45901 AUBU_T1	0	0	0	0	0	0	0.4	0.3	0	0	0	0	0	0
10/10/2023 13:42	46004 BERW_T2	2	2	0	0.3	0.45	0.15	0	0	0	0	0	0	0	0
10/10/2023 13:42	46005 BERW_T1	0	1	1	0	0.3	0.3	0	0	0	0	0	0	0	0
10/10/2023 13:45	46005 BERW_T1	1	1	0	0.2	0.3	0.1	0	0	0	0	0	0	0	0
10/10/2023 13:46	46001 BERW_T1	0	0	0	0	0	0	0.94	0.87	0	0	0	0	0	0
10/10/2023 13:46	61302 EARL_T1	1	0	-1	0.1	0	-0.1	0	0	0	0	0	0	0	0
10/10/2023 13:48	42401 GIMA_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/10/2023 13:52	58402 MORO_T1	0	0	0	0	0	0	-1.02	-1.02	2	2	0	1500	1500	0
10/10/2023 13:56	42802 SELI_T1	0	1	1	0	0.1	0.1	-2.34	-2.19	0	0	0	0	0	0
10/10/2023 14:07	64101 REFR_T1	0	2	2	0	0.2	0.2	-0.15	-0.14	0	0	0	0	0	0
10/10/2023 14:08	64301 LINC_T1	0	0	0	0	0	0	0.07	-0.01	1	1	0	600	600	0
10/10/2023 14:08	58401 MORO_T1	0	3	3	0	0.33	0.33	0	0	0	0	0	0	0	0
10/10/2023 14:08	64101 REFR_T1	0	2	2	0	0.2	0.2	-0.31	-0.29	0	0	0	0	0	0
10/10/2023 14:08	47401 PENS_T1	0	3	3	0	0.2	0.2	1.99	2.02	0	0	0	0	0	0
10/10/2023 14:09	60504 NMAN_T2	2	0	-2	0.35	0	-0.35	0	0	0	0	0	0	0	0
10/10/2023 14:09	64101 REFR_T1	0	2	2	0	0.2	0.2	-0.15	-0.14	0	0	0	0	0	0
10/10/2023 14:09	42201 SHEN_T2	1	0	-1	1.9	0	-1.9	-0.18	-0.18	1	1	0	600	600	0
10/10/2023 14:10	64101 REFR_T1	0	2	2	0	0.2	0.2	-0.15	-0.14	0	0	0	0	0	0
10/10/2023 14:10	47401 PENS_T1	0	3	3	0	0.2	0.2	0.99	1.01	0	0	0	0	0	0
10/10/2023 14:11	59102 WALK_T2	1	0	-1	0.2	0	-0.2	0	0	0	0	0	0	0	0
10/10/2023 14:12	46001 BERW_T1	0	0	0	0	0	0	1.74	1.68	0	0	0	0	0	0
10/10/2023 14:12	64101 REFR_T1	0	2	2	0	0.2	0.2	-0.31	-0.29	0	0	0	0	0	0
10/10/2023 14:12	45902 AUBU_T1	0	0	0	0	0	0	-0.67	-0.67	1	1	0	600	600	0
10/10/2023 14:12	43001 ALWD_T1	2	2	0	0.25	0.15	-0.1	0	0	0	0	0	0	0	0
10/10/2023 14:13	46001 BERW_T1	0	0	0	0	0	0	0.87	0.84	0	0	0	0	0	0
10/10/2023 14:14	45902 AUBU_T1	0	0	0	0	0	0	-0.67	-0.71	1	1	0	600	600	0
10/10/2023 14:15	43001 ALWD_T1	2	0	-2	0.15	0	-0.15	0	0	0	0	0	0	0	0
10/10/2023 14:16	67503 WEWI_T2	0	0	0	0	0	0	-0.56	-0.52	0	0	0	0	0	0
10/10/2023 14:16	46005 BERW_T1	1	1	0	0.1	0.4	0.3	0	0	0	0	0	0	0	0
10/10/2023 14:17	61303 EARL_T1	0	0	0	0	0	0	0.71	0.46	0	0	0	0	0	0
10/10/2023 14:17	60801 BUCK_T1	1	2	1	0.1	0.15	0.05	0.01	0	0	0	0	0	0	0
10/10/2023 14:17	67502 WEWI_T2	14	15	1	0.23	0.21	-0.02	-0.37	-0.4	0	0	0	0	0	0
10/10/2023 14:18	40802 EXCH_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/10/2023 14:18	67502 WEWI_T2	14	15	1	0.23	0.21	-0.02	0	0	0	0	0	0	0	0
10/10/2023 14:18	61302 EARL_T1	0	1	1	0	0.2	0.2	0	0	0	0	0	0	0	0
10/10/2023 14:19	67502 WEWI_T2	14	15	1	0.23	0.21	-0.02	-0.37	-0.4	0	0	0	0	0	0
10/10/2023 14:20	67502 WEWI_T2	14	15	1	0.23	0.21	-0.02	0	0	0	0	0	0	0	0
10/10/2023 14:20	63803 HEMP_T1	1	1	0	0.1	0.3	0.2	0	0	0	0	0	0	0	0
10/10/2023 14:21	65003 NEFF_T2	59	39	-20	0.16	0.21	0.05	0	0	0	0	0	0	0	0
10/10/2023 14:21	67502 WEWI_T2	14	15	1	0.23	0.21	-0.02	-0.19	-0.2	0	0	0	0	0	0
10/10/2023 14:22	64305 LINC_T1	0	0	0	0	0	0	0.05	0.03	0	0	0	0	0	0
10/10/2023 14:22	64301 LINC_T1	0	0	0	0	0	0	-0.01	-0.01	1	1	0	600	600	0
10/10/2023 14:22	15001 BLMO_T1	887	877	-10	2.25	2.2	-0.05	0	0	0	0	0	0	0	0
10/10/2023 14:23	15001 BLMO_T1	887	877	-10	2.25	2.2	-0.05	0	0	0	0	0	0	0	0
10/10/2023 14:24	56503 ROCK_T2	1	3	2	0.2	0.2	0	0	0	0	0	0	0	0	0
10/10/2023 14:24	16402 MOPO_T1	0	0	0	0	0	0	0.78	0.75	0	0	0	0	0	0
10/10/2023 14:25	16402 MOPO_T1	0	0	0	0	0	0	0.78	0.75	0	0	0	0	0	0
10/10/2023 14:25	13105 NHAM_T2	0	0	0	0	0	0	-0.36	-0.32	1	1	0	1200	1200	0
10/10/2023 14:25	59101 WALK_T2	1	1	0	0	0	0	2.07	2.14	0	0	0	0	0	0
10/10/2023 14:25	42201 SHEN_T2	0	1	1	0	0.9	0.9	-0.18	-0.16	1	1	0	600	600	0
10/10/2023 14:25	15001 BLMO_T1	887	877	-10	2.25	2.2	-0.05	0	0	0	0	0	0	0	0
10/10/2023 14:26	14403 SSLA_T1	3	3	0	0.53	0.73	0.2	0.68	0.66	0	0	0	0	0	0
10/10/2023 14:26	56503 ROCK_T2	1	3	2	0.2	0.2	0	0	0	0	0	0	0	0	0
10/10/2023 14:26	59101 WALK_T2	1	1	0	0	0	0	2.07	2.14	0	0	0	0	0	0
10/10/2023 14:27	27503 WEIS_T2	0	1	1	0	0.1	0.1	0	0	0	0	0	0	0	0
10/10/2023 14:27	46005 BERW_T1	1	1	0	0.1	0.4	0.3	0	0	0	0	0	0	0	0
10/10/2023 14:27	43001 ALWD_T1	2	0	-2	0.15	0	-0.15	0	0	0	0	0	0	0	0
10/10/2023 14:28	46005 BERW_T1	1	1	0	0.1	0.4	0.3	0	0	0	0	0	0	0	0
10/10/2023 14:28	60801 BUCK_T1	1	2	1	0.1	0.15	0.05	0	0	0	0	0	0	0	0
10/10/2023 14:28	44302 BEAV_T2	5	18	13	0.38	0.59	0.21	0.19	0.2	0	0	0	0	0	0
10/10/2023 14:28	45902 AUBU_T1	0	5	5	0	0.34	0.34	-0.67	-0.71	1	1	0	600	600	0
10/10/2023 14:29	60803 BUCK_T1	1	0	-1	0.3	0	-0.3	0	0	0	0	0	0	0	0
10/10/2023 14:30	42503 ALTA_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/10/2023 14:30	45902 AUBU_T1	0	6	6	0	0.43	0.43	-0.71	-0.71	1	1	0	600	600	0
10/10/2023 14:31	67502 WEWI_T2	15	4	-11	0.21	0.15	-0.06	0	0	0	0	0	0	0	0
10/10/2023 14:31	56603 HAMP_T1	55	73	18	0.13	0.22	0.09	0	0	0	0	0	0	0	0
10/10/2023 14:32	54503 ENOL_T2	0	0	0	0	0	0	-0.42	-0.42	1	1	0	600	600	0
10/10/2023 14:32	60803 BUCK_T1	0	0	0	0	0	0	-0.89	-0.84	1	1	0	600	600	0
10/10/2023 14:32	43001 ALWD_T1	0	1	1	0	0.1	0.1	0	0	0	0	0	0	0	0
10/10/2023 14:32	22901 HARW_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/10/2023 14:33	54505 ENOL_T2	1	1	0	1.1	1.1	0	0	0	0	0	0	0	0	0
10/10/2023 14:33	52401 GRPA_T2	2	2	0	0.25	0.5	0.25	0	0	0	0	0	0	0	0
10/10/2023 14:33	67502 WEWI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/10/2023 14:34	67503 WEWI_T2	0	0	0	0	0	0	-0.26	-0.27	0	0	0	0	0	0
10/10/2023 14:34	52401 GRPA_T2	2	2	0	0.25	0.5	0.25	0	0	0	0	0	0	0	0
10/10/2023 14:34	56603 HAMP_T1	55	73	18	0.13	0.22	0.09	0	0	0	0	0	0	0	0
10/10/2023 14:35	67502 WEWI_T2	15	4	-11	0.21	0.15	-0.06	-0.4	-0.46	0	0	0	0	0	0
10/10/2023 14:35	54504 ENOL_T2	1	1	0	0.2	0.4	0.2	0	0	0	0	0	0	0	0
10/10/2023 14:35	52403 GRPA_T2	3	2	-1	0.27	0.45	0.18	-0.02	-0.06	0	0	0	0	0	0
10/10/2023 14:36	67502 WEWI_T2	15	4	-11	0.21	0.15	-0.06	-0.2	-0.23	0	0	0	0	0	0
10/10/2023 14:36	13105 NHAM_T2	0	0	0	0	0	0	-0.32	-0.36	1	1	0	1200	1200	0
10/10/2023 14:36	16402 MOPO_T1	0	0	0	0	0	0	0.75	0.77	0	0	0	0	0	0
10/10/2023 14:37	65002 NEFF_T2	10	15	5	0.13	0.17	0.04	0	0	0	0	0	0	0	0
10/10/2023 14:37	64301 LINC_T1	0	0	0	0	0	0	-0.01	0.04	1	1	0	600	600	0
10/10/2023 14:38	58402 MORO_T1	0	0	0	0	0	0	-1.09	-1.03	2	2	0	1500	1500	0
10/10/2023 14:38	53901 HALI_T2	1	3	2	0.1	0.23	0.13	0	0	0	0	0	0	0	0
10/10/2023 14:38	64305 LINC_T1	0	0	0	0	0	0	0.03	0.06	0	0	0	0	0	0
10/10/2023 14:38	15001 BLMO_T1	872	847	-25	2.2	2.28	0.08	0	0	0	0	0	0	0	0
10/10/2023 14:39	15001 BLMO_T1	872	847	-25	2.2	2.28	0.08	0	0	0	0	0	0	0	0
10/10/2023 14:39	67203 TEHI_T1	1	1	0	0	0	0	1.74	1.66	2	2	0	1500	1500	0
10/10/2023 14:39	65604 QVIL_T2	0	0	0	0	0	0	0.31	0.28	0	0	0	0	0	0
10/10/2023 14:40	58402 MORO_T1	0	0	0	0	0	0	-2.18	-2.06	4	4	0	3000	3000	0
10/10/2023 14:40	16402 MOPO_T1	0	0	0	0	0	0	0.75	0.77	0	0	0	0	0	0
10/10/2023 14:40	15001 BLMO_T1	872	847	-25	2.2	2.28	0.08	0	0	0	0	0	0	0	0
10/10/2023 14:41	42201 SHEN_T2	0	2	2	0	0.9	0.9	-0.16	-0.16	1	1	0	600	600	0
10/10/2023 14:41	59101 WALK_T2	1	1	0	0	0	0	2.14	1.79	0	0	0	0	0	0
10/10/2023 14:41	65604 QVIL_T2	0	0	0	0	0	0	0.31	0.28	0	0	0	0	0	0
10/10/2023 14:42	67401 WAKE_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/10/2023 14:42	42901 MIDD_T2	2	2	0	0.3	0.4	0.1	0	0	0	0	0	0	0	0
10/10/2023 14:42	59101 WALK_T2	1	1	0	0	0	0	2.14	1.79	0	0	0	0	0	0
10/10/2023 14:42	43001 ALWD_T1	0	1	1	0	0.1	0.1	0	0	0	0	0	0	0	0
10/10/2023 14:43	43301 WATS_T2	1	1	0	0.8	1	0.2	0.32	0.35	0	0	0	0	0	0
10/10/2023 14:43	46005 BERW_T1	0	1	1	0	0.4	0.4	0	0	0	0	0	0	0	0
10/10/2023 14:43	27502 WEIS_T2	0	0	0	0	0	0	-0.52	-0.48	0	0	0	0	0	0
10/10/2023 14:43	20403 ASHF_T2	8	9	1	0.39	0.44	0.05	1.5	1.9	0	0	0	0	0	0
10/10/2023 14:43	10805 CHHI_T2	3	4	1	2.7	1.98	-0.72	-1.48	-1.48	2	2	0	1800	1800	0
10/10/2023 14:44	46001 BERW_T1	0	0	0	0	0	0	1.27	1.06	0	0	0	0	0	0
10/10/2023 14:44	45902 AUBU_T1	0	6	6	0	0.43	0.43	-0.71	-0.72	1	1	0	600	600	0
10/10/2023 14:44	43001 ALWD_T1	0	1	1	0	0.1	0.1	0	0	0	0	0	0	0	0
10/10/2023 14:45	44802 EDAN_T2	0	0	0	0	0	0	-1.66	-1.72	0	0	0	0	0	0
10/10/2023 14:45	60801 BUCK_T1	0	1	1	0	0.1	0.1	-0.01	0	0	0	0	0	0	0
10/10/2023 14:46	45902 AUBU_T1	5	6	1	0.34	0.43	0.09	-0.71	-0.72	1	1	0	600	600	0
10/10/2023 14:47	67502 WEWI_T2	1	48	47	0.2	0.16	-0.04	0	0	0	0	0	0	0	0
10/10/2023 14:48	67503 WEWI_T2	0	0	0	0	0	0	-0.27	-0.29	0	0	0	0	0	0
10/10/2023 14:49	67503 WEWI_T2	0	0	0	0	0	0	-0.27	-0.29	0	0	0	0	0	0
10/10/2023 14:49	44801 EDAN_T2	0	1	1	0	0.1	0.1	0	0	0	0	0	0	0	0
10/10/2023 14:49	56603 HAMP_T1	73	87	14	0.22	0.28	0.06	0	0	0	0	0	0	0	0
10/10/2023 14:51	67502 WEWI_T2	1	48	47	0.2	0.16	-0.04	-0.46	-0.46	0	0	0	0	0	0
10/10/2023 14:52	67503 WEWI_T2	0	0	0	0	0	0	-0.27	-0.29	0	0	0	0	0	0
10/10/2023 14:52	67503 WEWI_T2	0	0	0	0	0	0	-0.27	-0.29	0	0	0	0	0	0
10/10/2023 14:54	64101 REFR_T1	2	3	1	0.25	0.57	0.32	-0.18	-0.15	0	0	0	0	0	0
10/10/2023 14:54	42201 SHEN_T2	1	2	1	0.9	0.9	0	-0.16	-0.15	1	1	0	600	600	0
10/10/2023 14:56	64101 REFR_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/10/2023 14:57	60801 BUCK_T1	0	1	1	0	0.1	0.1	0	0	0	0	0	0	0	0
10/10/2023 14:57	56801 BENV_T1	38	29	-9	0.83	0.82	-0.01	-0.44	-0.44	0	0	0	0	0	0
10/10/2023 14:58	56801 BENV_T1	38	29	-9	0.83	0.82	-0.01	-0.44	-0.44	0	0	0	0	0	0
10/10/2023 14:58	60801 BUCK_T1	0	1	1	0	0.1	0.1	0	0	0	0	0	0	0	0
10/10/2023 15:00	56801 BENV_T1	29	36	7	0.71	0.7	-0.01	-0.44	-0.4	0	0	0	0	0	0
10/10/2023 15:01	52401 GRPA_T2	2	2	0	0.5	0.9	0.4	0	0	0	0	0	0	0	0
10/10/2023 15:01	56801 BENV_T1	29	36	7	0.71	0.7	-0.01	-0.44	-0.4	0	0	0	0	0	0
10/10/2023 15:01	41801 GOCI_T2	71	34	-37	0.27	0.22	-0.05	0	0	0	0	0	0	0	0
10/10/2023 15:02	23401 HONE_T2	1	0	-1	0.4	0	-0.4	-0.38	-0.31	0	0	0	0	0	0
10/10/2023 15:03	23401 HONE_T2	1	0	-1	0.4	0	-0.4	-0.38	-0.31	0	0	0	0	0	0
10/10/2023 15:03	40902 JESH_T1	0	0	0	0	0	0	-0.09	-0.14	1	1	0	600	600	0
10/10/2023 15:04	45003 LIME_2	1	1	0	4.6	4.8	0.2	0	0	0	0	0	0	0	0
10/10/2023 15:04	52004 LING_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/10/2023 15:04	52401 GRPA_T2	2	2	0	0.5	0.9	0.4	0	0	0	0	0	0	0	0
10/10/2023 15:05	45003 LIME_2	1	1	0	4.6	4.8	0.2	0	0	0	0	0	0	0	0
10/10/2023 15:05	23401 HONE_T2	1	0	-1	0.4	0	-0.4	-0.38	-0.31	0	0	0	0	0	0
10/10/2023 15:05	47802 MOCA_T2	1	1	0	0.4	0.5	0.1	-1.05	-1.06	0	0	0	0	0	0
10/10/2023 15:06	45003 LIME_2	1	1	0	4.6	4.8	0.2	0	0	1	1	0	1200	1200	0
10/10/2023 15:07	52401 GRPA_T2	2	2	0	0.5	0.9	0.4	0	0	0	0	0	0	0	0
10/10/2023 15:07	45003 LIME_2	1	1	0	4.6	4.8	0.2	0	0	1	1	0	1200	1200	0
10/10/2023 15:07	65503 MOJO_T2	1	0	-1	0.1	0	-0.1	-0.76	0.2	1	0	-1	900	0	-900
10/10/2023 15:08	45003 LIME_2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/10/2023 15:08	42201 SHEN_T2	2	1	-1	0.9	0.2	-0.7	-0.15	-0.15	1	1	0	600	600	0
10/10/2023 15:08	64303 LINC_T1	0	0	0	0	0	0	-0.23	-0.2	0	0	0	0	0	0
10/10/2023 15:09	67204 TEHI_T2	0	1	1	0	0.9	0.9	0	-0.05	0	0	0	0	0	0
10/10/2023 15:10	65503 MOJO_T2	1	0	-1	0.1	0	-0.1	-0.76	0.2	1	0	-1	900	0	-900
10/10/2023 15:12	67204 TEHI_T2	0	1	1	0	0.9	0.9	0	-0.05	0	0	0	0	0	0
10/10/2023 15:13	53902 HALI_T2	0	2	2	0	0.5	0.5	0	0	0	0	0	0	0	0
10/10/2023 15:17	40802 EXCH_T2	123	173	50	0.15	0.16	0.01	-0.95	-0.95	0	0	0	0	0	0
10/10/2023 15:18	64303 LINC_T1	0	0	0	0	0	0	-0.2	-0.22	0	0	0	0	0	0
10/10/2023 15:20	26401 INOR_T1	0	0	0	0	0	0	0.84	0.85	0	0	0	0	0	0
10/10/2023 15:20	52404 GRPA_T2	0	1	1	0	0.1	0.1	0	0	0	0	0	0	0	0
10/10/2023 15:21	23401 HONE_T2	0	0	0	0	0	0	-0.31	-0.3	0	0	0	0	0	0
10/10/2023 15:23	56503 ROCK_T2

Appendix C - Grid Benefits Achieved in Each Instance of Active Management

10/10/2023 19:39	43301 WATS_T2	1	1	0	0.1	0.5	0.4	0	0	0	0	0	0	0	0
10/10/2023 19:40	46203 DANV_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/10/2023 19:40	56802 BENV_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/10/2023 19:41	54701 NEBL_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/10/2023 19:41	56802 BENV_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/10/2023 19:42	22901 HARW_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/10/2023 19:42	45802 HEGI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/10/2023 19:42	42503 ALTA_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/10/2023 19:43	65001 NEFF_T2	0	0	0	0	0	0	-0.89	-0.84	1	1	0	1200	1200	0
10/10/2023 19:44	54701 NEBL_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/10/2023 19:44	64101 REFR_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/10/2023 19:45	61303 EARL_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/10/2023 19:46	67401 WAKE_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/10/2023 19:47	54206 PENN_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/10/2023 19:49	51604 DUKE_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/10/2023 19:49	53903 HAU_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/10/2023 20:07	59402 RFLD_T2	27	27	0	0.24	0.25	0.01	-0.79	-0.8	0	0	0	0	0	0
10/10/2023 20:18	56802 BENV_T2	111	111	100	0.16	0.2	0.04	-0.74	-0.76	0	0	0	0	0	0
10/10/2023 20:19	56802 BENV_T2	11	111	100	0.16	0.2	0.04	-0.74	-0.76	0	0	0	0	0	0
10/10/2023 20:27	56802 BENV_T2	11	111	100	0.16	0.2	0.04	-0.74	-0.76	0	0	0	0	0	0
10/10/2023 20:28	29402 BELT_T1	1	1	0	8.6	8.5	-0.1	0	0	0	0	0	0	0	0
10/10/2023 20:29	44601 SALE_T2	0	0	0	0	0	0	0.87	0.86	0	0	0	0	0	0
10/10/2023 20:30	12701 MACU_T1	0	0	0	0	0	0	0.04	0.02	0	0	0	0	0	0
10/10/2023 20:30	28801 LAKE_T1	157	190	33	0.15	0.2	0.05	0	0	0	0	0	0	0	0
10/10/2023 20:30	45902 AUBU_T1	0	0	0	0	0	0	-0.97	-0.92	1	1	0	600	600	0
10/10/2023 20:30	16402 MOPO_T1	0	0	0	0	0	0	0.64	0.61	0	0	0	0	0	0
10/10/2023 20:31	29402 BELT_T1	1	1	0	8.3	8.5	0.2	0	0	0	0	0	0	0	0
10/10/2023 20:33	43301 WATS_T2	1	1	0	0.8	1.1	0.3	0	0	0	0	0	0	0	0
10/10/2023 20:33	29401 BELT_T1	84	98	14	0.31	0.34	0.03	0	0	1	1	0	900	900	0
10/10/2023 20:33	29402 BELT_T1	1	1	0	8.3	8.5	0.2	0	0	0	0	0	0	0	0
10/10/2023 20:33	47403 PENS_T1	1	1	0	2.5	2.6	0.1	0	0	0	0	0	0	0	0
10/10/2023 20:33	49804 UNIV_T1	1	1	0	0.4	0.1	-0.3	0	0	0	0	0	0	0	0
10/10/2023 20:33	23401 HONE_T2	0	0	0	0	0	0	-0.34	-0.28	0	0	0	0	0	0
10/10/2023 20:34	42001 MNVL_T2	0	0	0	0	0	0	0.03	0	0	0	0	0	0	0
10/10/2023 20:34	52402 GRPA_T2	4	4	0	0.93	1.5	0.57	0	0	0	0	0	0	0	0
10/10/2023 20:34	46001 BERW_T1	0	0	0	0	0	0	0.84	0.86	0	0	0	0	0	0
10/10/2023 20:34	28403 HART_T2	0	0	0	0	0	0	-0.86	-0.9	1	1	0	900	900	0
10/10/2023 20:34	42902 MIDD_T2	6	7	1	0.12	0.16	0.04	-0.49	-0.37	0	0	0	0	0	0
10/10/2023 20:35	51604 DUKE_T2	25	21	-4	0.2	0.2	0	-1.71	-1.74	1	1	0	900	900	0
10/10/2023 20:35	17802 GILB_T1	0	0	0	0	0	0	0.04	0.01	0	0	0	0	0	0
10/10/2023 20:35	54505 ENOL_T2	1	1	0	1	1.2	0.2	0	0	0	0	0	0	0	0
10/10/2023 20:35	44601 SALE_T2	0	0	0	0	0	0	0.87	0.86	0	0	0	0	0	0
10/10/2023 20:35	56803 BENV_T1	4	8	4	0.13	0.36	0.23	0	0	0	0	0	0	0	0
10/10/2023 20:35	67502 WEWI_T2	1	1	0	0.7	0	-0.7	-0.52	-0.49	0	0	0	0	0	0
10/10/2023 20:35	20401 ASHF_T2	1	7	6	0.1	0.33	0.23	0	0	0	0	0	0	0	0
10/10/2023 20:35	58402 MORO_T1	0	0	0	0	0	0	-1.34	-0.41	2	2	0	1500	1500	0
10/10/2023 20:35	29402 BELT_T1	1	1	0	8.3	8.5	0.2	0	0	0	0	0	0	0	0
10/10/2023 20:35	12701 MACU_T1	0	0	0	0	0	0	0.04	0.02	0	0	0	0	0	0
10/10/2023 20:35	15001 BLMO_T1	395	642	247	3.64	2.61	-1.03	0	0	0	0	0	0	0	0
10/10/2023 20:35	27502 WEIS_T2	0	0	0	0	0	0	-0.69	-0.75	0	0	0	0	0	0
10/10/2023 20:35	59101 WALK_T2	1	1	0	0	0	0	1.41	1.46	0	0	0	0	0	0
10/10/2023 20:35	56802 BENV_T2	50	123	73	0.16	0.23	0.07	-0.76	-0.81	0	0	0	0	0	0
10/10/2023 20:36	52402 GRPA_T2	4	4	0	0.93	1.5	0.57	0	0	0	0	0	0	0	0
10/10/2023 20:36	47802 MOCA_T2	0	0	0	0	0	0	-1.06	-1.07	0	0	0	0	0	0
10/10/2023 20:36	44801 EDAN_T2	1	1	0	0.3	0	-0.3	0	0	0	0	0	0	0	0
10/10/2023 20:36	67502 WEWI_T2	1	1	0	0.7	0	-0.7	-0.52	-0.49	0	0	0	0	0	0
10/10/2023 20:36	67502 WEWI_T2	1	1	0	0.7	0	-0.7	-0.52	-0.49	0	0	0	0	0	0
10/10/2023 20:36	61306 EARL_T1	20	0	-20	0.13	0	-0.13	0	0	0	0	0	0	0	0
10/10/2023 20:36	56802 BENV_T2	50	123	73	0.16	0.23	0.07	-0.76	-0.81	0	0	0	0	0	0
10/10/2023 20:36	59101 WALK_T2	1	1	0	0	0	0	1.41	1.46	0	0	0	0	0	0
10/10/2023 20:36	56801 BENV_T1	30	38	8	0.58	0.79	0.21	-1.58	-1.66	2	2	0	1200	1200	0
10/10/2023 20:36	56603 HAMP_T1	33	100	67	0.12	0.3	0.18	0	0	0	0	0	0	0	0
10/10/2023 20:36	48302 ORWI_T2	2	2	0	0.45	1.1	0.65	-0.67	-0.69	0	0	0	0	0	0
10/10/2023 20:36	10504 CRAC_T1	0	0	0	0	0	0	-0.94	-0.83	0	0	0	0	0	0
10/10/2023 20:37	40101 HUNT_T2	0	0	0	0	0	0	-0.48	-0.5	0	0	0	0	0	0
10/10/2023 20:37	52006 LING_T2	3	3	0	0.93	1.17	0.24	0	0	0	0	0	0	0	0
10/10/2023 20:37	26402 INOR_T1	0	0	0	0	0	0	-0.39	-0.39	0	0	0	0	0	0
10/10/2023 20:37	41801 GOCI_T2	0	3	3	0	0.13	0.13	0	0	0	0	0	0	0	0
10/10/2023 20:37	15001 BLMO_T1	395	642	247	3.64	2.61	-1.03	0	0	0	0	0	0	0	0
10/10/2023 20:37	59302 MCAL_T1	1	1	0	0.9	1.2	0.3	0.29	0.29	0	0	0	0	0	0
10/10/2023 20:37	26603 BROO_T1	0	1	1	0	0	0	0.12	0.15	0	0	0	0	0	0
10/10/2023 20:38	28604 BLYT_T2	0	0	0	0	0	0	-1.38	-1.37	0	0	0	0	0	0
10/10/2023 20:38	45902 AUBU_T1	0	0	0	0	0	0	-0.97	-0.92	1	1	0	600	600	0
10/10/2023 20:38	53501 EVIL_T2	1	5	4	0.2	0.52	0.32	-0.67	-0.71	1	1	0	600	600	0
10/10/2023 20:38	45003 LIME_2	1	1	0	4.2	4.9	0.7	0	0	2	2	0	2400	2400	0
10/10/2023 20:38	53601 DALM_T2	1	1	0	0.3	0.9	0.6	-0.1	-0.17	0	0	0	0	0	0
10/10/2023 20:38	41801 GOCI_T2	0	3	3	0	0.13	0.13	0	0	0	0	0	0	0	0
10/10/2023 20:38	67204 TEHI_T2	30	80	50	0.13	0.18	0.05	0.04	0.04	0	0	0	0	0	0
10/10/2023 20:38	43301 WATS_T2	1	1	0	0.8	1.1	0.3	0	0	0	0	0	0	0	0
10/10/2023 20:38	56802 BENV_T2	50	123	73	0.16	0.23	0.07	-0.76	-0.81	0	0	0	0	0	0
10/10/2023 20:38	66504 SMAN_T2	0	0	0	0	0	0	-0.57	-0.6	0	0	0	0	0	0
10/10/2023 20:38	54505 ENOL_T2	1	1	0	1	1.2	0.2	0	0	0	0	0	0	0	0
10/10/2023 20:38	17804 GILB_T2	0	0	0	0	0	0	-0.54	-0.54	0	0	0	0	0	0
10/10/2023 20:38	64101 REFR_T1	0	0	0	0	0	0	-0.2	-0.18	0	0	0	0	0	0
10/10/2023 20:38	42201 SHEN_T2	0	0	0	0	0	0	0.42	0.38	0	0	0	0	0	0
10/10/2023 20:39	65001 NEFF_T2	2	4	2	0.1	0.1	0	-0.85	-0.89	1	1	0	1200	1200	0
10/10/2023 20:39	63305 GREE_T1	0	0	0	0	0	0	-1.18	-1.1	0	0	0	0	0	0
10/10/2023 20:39	67502 WEWI_T2	1	1	0	0.7	0	-0.7	-0.52	-0.49	0	0	0	0	0	0
10/10/2023 20:39	14404 SSLA_T1	1	33	32	0.6	0.14	-0.46	0	0	0	0	0	0	0	0
10/10/2023 20:39	45702 LIND_T2	1	1	0	0.1	0.3	0.2	-0.54	-0.56	0	0	0	0	0	0
10/10/2023 20:39	43202 MVIL_T2	0	0	0	0	0	0	-0.75	-0.76	0	0	0	0	0	0
10/10/2023 20:39	40902 JESH_T1	0	0	0	0	0	0	-0.78	-0.79	0	0	0	0	0	0
10/10/2023 20:39	64802 MONE_T2	0	1	1	0	1.2	1.2	0	0	0	0	0	0	0	0
10/10/2023 20:39	56802 BENV_T2	50	123	73	0.16	0.23	0.07	-1.52	-1.62	0	0	0	0	0	0
10/10/2023 20:40	46001 BERW_T1	0	0	0	0	0	0	0.84	0.86	0	0	0	0	0	0
10/10/2023 20:40	54501 ENOL_T2	0	1	1	0	0.1	0.1	0	0	0	0	0	0	0	0
10/10/2023 20:40	43402 BENT_T1	0	0	0	0	0	0	-0.95	-0.97	1	1	0	900	900	0
10/10/2023 20:40	28604 BLYT_T2	0	0	0	0	0	0	-1.38	-1.37	0	0	0	0	0	0
10/10/2023 20:40	43301 WATS_T2	1	1	0	0.8	1.1	0.3	0.31	0.28	0	0	0	0	0	0
10/10/2023 20:40	43301 WATS_T2	1	1	0	0.8	1.1	0.3	0.31	0.28	0	0	0	0	0	0
10/10/2023 20:40	10805 CHHI_T2	1	1	0	7.2	7.3	0.1	-1.05	-1.01	1	1	0	600	600	0
10/10/2023 20:40	45902 AUBU_T1	0	0	0	0	0	0	-0.97	-0.92	1	1	0	600	600	0
10/10/2023 20:40	67502 WEWI_T2	1	1	0	0.7	0	-0.7	-0.52	-0.49	0	0	0	0	0	0
10/10/2023 20:40	46203 DANV_T2	0	0	0	0	0	0	-0.15	-0.13	0	0	0	0	0	0
10/10/2023 20:40	66505 SMAN_T2	3	3	0	1.1	1.07	-0.03	-0.33	-0.3	2	2	0	1100	1100	0
10/10/2023 20:40	28403 HART_T2	0	0	0	0	0	0	-0.86	-0.9	1	1	0	900	900	0
10/10/2023 20:41	42902 MIDD_T2	6	7	1	0.12	0.16	0.04	-0.49	-0.37	0	0	0	0	0	0
10/10/2023 20:41	56501 ROCK_T2	4	15	11	0.13	0.21	0.08	-0.21	-0.48	2	0	0	0	0	0
10/10/2023 20:41	56802 BENV_T2	50	123	73	0.16	0.23	0.07	-0.76	-0.81	0	0	0	0	0	0
10/10/2023 20:41	43304 WATS_T2	0	0	0	0	0	0	-1.07	-0.96	0	0	0	0	0	0
10/10/2023 20:41	67203 TEHI_T1	1	1	0	0	0	0	2.15	2.22	1	1	0	600	600	0
10/10/2023 20:41	43202 MVIL_T2	0	0	0	0	0	0	-0.75	-0.76	0	0	0	0	0	0
10/10/2023 20:41	67605 WARW_T1	15	34	19	0.27	0.41	0.14	-1.18	-1.23	0	0	0	0	0	0
10/10/2023 20:42	45802 HEGI_T2	0	0	0	0	0	0	0.66	0.74	0	0	0	0	0	0
10/10/2023 20:42	20403 ASHF_T2	0	1	1	0	0.1	0.1	0.11	0.17	0	0	0	0	0	0
10/10/2023 20:42	61306 EARL_T1	20	0	-20	0.13	0	-0.13	0	0	0	0	0	0	0	0
10/10/2023 20:42	49804 UNIV_T1	1	1	0	0.4	0.1	-0.3	0	0	0	0	0	0	0	0
10/10/2023 20:42	46001 BERW_T1	0	0	0	0	0	0	0.84	0.86	0	0	0	0	0	0
10/10/2023 20:42	29401 BELT_T1	84	98	14	0.31	0.34	0.03	0	0	1	1	0	900	900	0
10/10/2023 20:42	56802 BENV_T2	50	123	73	0.16	0.23	0.07	-1.52	-1.62	0	0	0	0	0	0
10/10/2023 20:42	58402 MORO_T1	0	0	0	0	0	0	-1.34	-0.41	2	2	0	1500	1500	0
10/10/2023 20:43	44801 EDAN_T2	1	1	0	0.3	0	-0.3	0	0	0	0	0	0	0	0
10/10/2023 20:43	56802 BENV_T2	50	123	73	0.16	0.23	0.07	-0.76	-0.81	0	0	0	0	0	0
10/10/2023 20:43	60502 NMAN_T2	0	0	0	0	0	0	-0.39	-0.36	0	0	0	0	0	0
10/10/2023 20:43	54501 ENOL_T2	0	1	1	0	0.1	0.1	0.13	0.1	0	0	0	0	0	0
10/10/2023 20:43	53501 EVIL_T2	1	5	4	0.2	0.52	0.32	-0.67	-0.71	1	1	0	600	600	0
10/10/2023 20:43	63804 HEMP_T1	1	1	0	5.4	5.4	0	0	0	0	0	0	0	0	0
10/10/2023 20:43	66505 SMAN_T2	3	3	0	1.1	1.07	-0.03	0	0	0	0	0	0	0	0
10/10/2023 20:43	64101 REFR_T1	0	0	0	0	0	0	-0.2	-0.18	0	0	0	0	0	0
10/10/2023 20:43	40101 HUNT_T2	0	0	0	0	0	0	-0.48	-0.5	0	0	0	0	0	0
10/10/2023 20:44	41901 REED_T1	8	10	2	0.38	0.97	0.59	-1.3	-1.3	1	1	0	900	900	0
10/10/2023 20:44	67503 WEWI_T2	0	0	0	0	0	0	-0.6	-0.64	0	0	0	0	0	0
10/10/2023 20:44	56801 BENV_T1	30	38	8	0.58	0.79	0.21	-0.83	-0.84	1	1	0	600	600	0
10/10/2023 20:44	54701 NEBL_T1	0	1	1	0	0.1	0.1	0	0	1	1	0	600	600	0
10/10/2023 20:45	52403 GRPA_T2	0	0	0	0	0	0	-0.07	-0.08	0	0	0	0	0	0
10/10/2023 20:45	56803 BENV_T1	5	9	4	0.12	0.44	0.32	0	0	0	0	0	0	0	0
10/10/2023 20:45	64802 MONE_T2	1	0	-1	1.2	0	-1.2	0.21	0.21	0	0	0	0	0	0
10/10/2023 20:45	43001 ALWD_T1	13	15	2	0.25	0.35	0.1	0	0	0	0	0	0	0	0
10/10/2023 20:45	45402 WBLO_T2	0	14	14	0	0.1	0.1	-0.77	-0.79	0	0	0	0	0	0
10/10/2023 20:45	64101 REFR_T1	0	0	0	0	0	0	-0.18	-0.2	0	0	0	0	0	0
10/10/2023 20:46	54502 ENOL_T2	1	1	0	0.2	0.5	0.3	0	0	0	0	0	0	0	0
10/10/2023 20:46	52402 GRPA_T2	4	4	0	1.2	1.68	0.48	0	0	0	0	0	0	0	0
10/10/2023 20:46	64101 REFR_T1	0	0	0	0	0	0	-0.18	-0.2	0	0	0	0	0	0
10/10/2023 20:46	51604 DUKE_T2	21	0	-21	0.2	0	-0.2	-1.74	-0.66	1	0	-1	900	0	-900
10/10/2023 20:46	54701 NEBL_T1	0	7	7	0	0.29	0.29	0	0	1	1	0	600	600	0
10/10/2023 20:47	54501 ENOL_T2	0	0	0	0	0	0	-0.43	-0.44	1	1	0	600	600	0
10/10/2023 20:47	56803 BENV_T1	5	9	4	0.12	0.44	0.32	0	0	0	0	0	0	0	0
10/10/2023 20:47	41802 GOCI_T2	0	5	5	0	0.1	0.1	0	0	0	0	0	0	0	0
10/10/2023 20:47	54204 PENN_T2	3	4	1	0.37	0.38	0.01	0	0	0	0	0	0	0	0
10/10/2023 20:47	13105 NHAM_T2	0	0	0	0	0	0	-0.33	-0.3	1	1	0	1200	1200	0
10/10/2023 20:47	12701 MACU_T1	0	0	0	0	0	0	0.02	0.03	0	0	0	0	0	0
10/10/2023 20:48	53903 HAU_T2	2	2	0	0.9	1.2	0.3	0	0	0	0	0	0	0	0
10/10/2023 20:49	64305 LINC_T1	0	0	0	0	0	0	-0.56	-0.56	0	0	0	0	0	0
10/10/2023 20:49	64101 REFR_T1	0	0	0	0	0	0	-0.18	-0.2	0	0	0	0	0	0
10/10/2023 20:49	64305 LINC_T1	0	0	0	0	0	0	-0.56	-0.56	0	0	0	0	0	0
10/10/2023 21:11	43402 BENT_T1	0	0	0	0	0	0	-0.96	-0.97	1	1	0	900	900	0
10/10/2023 21:29	43402 BENT_T1	0	0	0	0	0	0	-0.97	-0.97	1	1	0	900	900	0
10/10/2023 21:33	56503 ROCK_T2	93	181	88	0.17	0.23	0.06	0	0	0	0	0	0	0	0
10/10/2023 21:35	63305 GREE_T1	0	0	0	0	0	0	-1.08	-1.11	0	0	0	0	0	0
10/10/2023 22:11	43402 BENT_T1	0	0	0	0	0	0	-0.97	-0.98	1	1	0	900	900	0
10/10/2023 22:24	60801 BUCK_T1	24	52	28	0.15	0.23	0.08	-0.24	-0.25	0	0	0	0	0	0
10/10/2023 22:29	43402 BENT_T1	0	0	0	0	0	0	-0.98	-0.97	1	1	0	900	900	0
10/10/2023 23:11	43402 BENT_T1	0	0	0	0	0	0	-0.98	-0.97	1	1	0	900	900	0
10/10/2023 23:29	43402 BENT_T1	0	0	0	0	0	0	-0.97	-0.99	1	1	0	900	900	0
10/11/2023 0:11	43402 BENT_T1	0	0	0	0	0	0	-0.98	-0.98	1	1	0	900	900	0
10/11/2023 0:28	16402 MOPO_T1	0	0	0	0	0	0	0.59	0.63	0	0	0	0	0	0
10/11/2023 0:28	46801 HEPB_T2	2	2	0	0.45	0.7	0.25	0	0.43	0	0	0	0	0	0
10/11/2023 0:28	42201 SHEN_T2	0	0	0	0	0	0	0.32	0.31	0	0	0	0	0	0
10/11/2023 0:28	56501 ROCK_T2	38	11	-27	0.27	0.55	0.28	0	0	0	0	0	0	0	0
10/11/2023 0:28	13704 SCHN_T2	0	0	0	0	0	0	-0.94	-0.94	0	0	0	0	0	0
10/11/2023 0:28	43301 WATS_T2	1	1	0	0.2	0.2	0	0	0	0	0	0	0	0	0
10/11/2023 0:28	17805 GILB_T2	0	0	0	0	0	0	0	-0.02	0	0	0	0	0	0
10/11/2023 0:28	12701 MACU_T1	0	0	0	0	0	0	-0.02	-0.03	0	0	0	0	0	0
10/11/2023 0:28	10801 CHHI_T1	0	0	0	0	0	0	-1.12	-1.12	1	1	0	900	900	0
10/11/2023 0:28	23401 HONE_T2	0	0	0	0	0	0	-0.86	-0.86	0	0	0	0	0	0
10/11/2023 0:28	26401 INOR_T1	0	21	21	0	0.15	0.15	0.08	0.09	0	0	0	0	0	0
10/11/2023 0:28	28801 LAKE_T1	165	240	75	0.16	0.33	0.17	0	0	0	0	0	0	0	0
10/11/2023 0:28	66703 STRA_T1	0	0	0	0	0	0	-0.53	-0.52	0	0	0	0	0	0
10/11/2023 0:28	61303 EARL_T1	0	0	0	0	0	0	-0.14	-0.06	0	0	0	0

10/11/2023 4:59	63305 GREE_T1	0	1	1	0	0.2	0.2	-2.42	-2.39	1	1	0	900	900	0
10/11/2023 5:10	63305 GREE_T1	1	0	-1	0.2	0	-0.2	-2.42	-2.39	1	1	0	900	900	0
10/11/2023 5:43	65001 NEFF_T2	0	0	0	0	0	0	-1.08	-1.12	1	1	0	1200	1200	0
10/11/2023 5:46	63305 GREE_T1	0	0	0	0	0	0	-2.41	-2.41	1	1	0	900	900	0
10/11/2023 6:54	46206 DANV_T2	2	1	-1	0.5	0.2	-0.3	0	0	0	0	0	0	0	0
10/11/2023 7:11	24701 FLND_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/11/2023 7:31	63305 GREE_T1	0	0	0	0	0	0	-1.15	-1.1	0	0	0	0	0	0
10/11/2023 7:33	54701 NEBL_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/11/2023 7:47	63305 GREE_T1	0	0	0	0	0	0	-1.1	-1.08	0	0	0	0	0	0
10/11/2023 7:48	54701 NEBL_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/11/2023 8:10	24701 FLND_T2	0	0	0	0	0	0	0.4	0.43	0	0	0	0	0	0
10/11/2023 8:12	24702 FLND_T2	0	0	0	0	0	0	0.77	0.53	2	2	0	2400	2400	0
10/11/2023 8:12	46801 HEPB_T2	3	3	0	0.77	0.73	-0.04	0.53	0.52	0	0	0	0	0	0
10/11/2023 8:14	24702 FLND_T2	0	0	0	0	0	0	0.53	0.34	2	2	0	2400	2400	0
10/11/2023 8:24	29402 BELT_T1	1	2	1	8.7	4.6	-4.1	0	0	0	0	0	0	0	0
10/11/2023 8:24	59101 WALK_T2	1	2	1	0	0.1	0.1	2.08	2.12	0	0	0	0	0	0
10/11/2023 8:24	43402 BENT_T1	0	0	0	0	0	0	-1.35	-1.34	2	2	0	1500	1500	0
10/11/2023 8:25	29401 BELT_T1	45	46	1	0.17	0.16	-0.01	0	0	1	1	0	900	900	0
10/11/2023 8:27	40101 HUNT_T2	0	0	0	0	0	0	-0.59	-0.58	0	0	0	0	0	0
10/11/2023 8:29	58402 MORO_T1	0	0	0	0	0	0	-1.19	-1.24	2	2	0	1500	1500	0
10/11/2023 8:31	58402 MORO_T1	0	0	0	0	0	0	-1.19	-1.24	2	2	0	1500	1500	0
10/11/2023 8:35	54701 NEBL_T1	0	2	2	0	0.2	0.2	0	0	1	1	0	600	600	0
10/11/2023 8:37	53601 DALM_T2	1	1	0	0.7	1.1	0.4	-0.37	-0.44	1	1	0	900	900	0
10/11/2023 8:39	46203 DANV_T2	0	0	0	0	0	0	-0.17	-0.15	0	0	0	0	0	0
10/11/2023 8:39	56802 BENV_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/11/2023 8:40	20603 GRWO_T2	0	3	3	0	0.47	0.47	-0.73	-0.75	1	1	0	900	900	0
10/11/2023 8:42	56802 BENV_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/11/2023 8:46	54701 NEBL_T1	0	4	4	0	0.23	0.23	0	0	1	1	0	600	600	0
10/11/2023 8:56	56603 HAMP_T1	14	68	54	0.11	0.19	0.08	0	0	0	0	0	0	0	0
10/11/2023 9:01	24701 FLND_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/11/2023 9:06	43001 ALWD_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/11/2023 9:10	26603 BROO_T1	0	0	0	0	0	0	0.32	0.34	0	0	0	0	0	0
10/11/2023 9:19	59102 WALK_T2	1	2	1	0.3	0.2	-0.1	0	0	0	0	0	0	0	0
10/11/2023 9:19	49804 UNIV_T1	1	1	0	0.4	0.3	-0.1	0	0	0	0	0	0	0	0
10/11/2023 9:20	59101 WALK_T2	1	2	1	0	0.4	0.4	2.38	1.76	0	0	0	0	0	0
10/11/2023 9:21	56802 BENV_T2	17	61	44	0.26	0.19	-0.07	-0.84	-0.88	0	0	0	0	0	0
10/11/2023 9:22	59102 WALK_T2	1	2	1	0.3	0.2	-0.1	0	0	0	0	0	0	0	0
10/11/2023 9:22	25801 SUTR_T2	0	0	0	0	0	0	-0.12	-0.11	0	0	0	0	0	0
10/11/2023 9:27	26401 INOR_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/11/2023 9:29	13503 MCMI_T2	0	0	0	0	0	0	-0.01	-0.01	0	0	0	0	0	0
10/11/2023 9:31	43202 MVIL_T2	0	0	0	0	0	0	-0.66	-0.63	0	0	0	0	0	0
10/11/2023 9:31	52402 GRPA_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/11/2023 9:32	15001 BLMO_T1	328	506	178	4.28	2.92	-1.36	0	0	0	0	0	0	0	0
10/11/2023 9:33	42201 SHEN_T2	0	0	0	0	0	0	-0.2	-0.2	1	1	0	600	600	0
10/11/2023 9:34	66703 STRA_T1	0	0	0	0	0	0	-0.15	-0.12	0	0	0	0	0	0
10/11/2023 9:34	43202 MVIL_T2	0	0	0	0	0	0	-0.66	-0.63	0	0	0	0	0	0
10/11/2023 9:36	43304 WATS_T2	0	11	11	0	0	0	0.07	-0.51	1	0	-1	600	0	-600
10/11/2023 9:37	67203 TEHI_T1	1	1	0	0	0	0	2.38	2.5	2	2	0	1500	1500	0
10/11/2023 9:37	43001 ALWD_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/11/2023 9:38	10801 CHHI_T1	0	0	0	0	0	0	-0.8	-0.83	1	1	0	900	900	0
10/11/2023 9:39	56802 BENV_T2	58	14	-44	0.18	0.29	0.11	-0.88	-0.84	0	0	0	0	0	0
10/11/2023 9:40	56802 BENV_T2	58	14	-44	0.18	0.29	0.11	-1.76	-1.68	0	0	0	0	0	0
10/11/2023 9:41	56802 BENV_T2	58	14	-44	0.18	0.29	0.11	-0.88	-0.84	0	0	0	0	0	0
10/11/2023 9:43	52403 GRPA_T2	0	1	1	0	0.2	0.2	-0.03	0	0	0	0	0	0	0
10/11/2023 9:43	26401 INOR_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/11/2023 9:46	41901 REID_T1	1	2	1	0.2	0.15	-0.05	-1.25	-1.23	1	1	0	900	900	0
10/11/2023 9:46	42002 MNVL_T2	1	1	0	3.9	3.9	0	0	0	0	0	0	0	0	0
10/11/2023 9:49	56503 ROCK_T2	1	3	2	0.2	0.17	-0.03	0	0	0	0	0	0	0	0
10/11/2023 9:49	59101 WALK_T2	2	1	-1	0.1	0	-0.1	1.96	2.01	0	0	0	0	0	0
10/11/2023 9:49	47101 MARL_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/11/2023 9:56	41801 GOCI_T2	6	15	9	0.38	0.35	-0.03	0	0	0	0	0	0	0	0
10/11/2023 9:56	61303 EARL_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/11/2023 9:57	64301 LINC_T1	0	0	0	0	0	0	-0.01	0.03	1	1	0	600	600	0
10/11/2023 9:57	41801 GOCI_T2	6	15	9	0.38	0.35	-0.03	0	0	0	0	0	0	0	0
10/11/2023 9:58	23401 HONE_T2	0	0	0	0	0	0	-0.27	-0.25	0	0	0	0	0	0
10/11/2023 9:58	26401 INOR_T1	0	0	0	0	0	0	0.73	0.73	0	0	0	0	0	0
10/11/2023 10:00	15001 BLMO_T1	469	391	-78	2.83	3.62	0.79	0	0	0	0	0	0	0	0
10/11/2023 10:00	43301 WATS_T2	1	1	0	0.8	0.9	0.1	0	0	0	0	0	0	0	0
10/11/2023 10:00	40101 HUNT_T2	0	0	0	0	0	0	-0.41	-0.49	0	0	0	0	0	0
10/11/2023 10:00	41901 REID_T1	1	2	1	0.2	0.15	-0.05	-1.23	-1.22	1	1	0	900	900	0
10/11/2023 10:00	54701 NEBL_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/11/2023 10:00	52503 PROG_T2	0	0	0	0	0	0	-0.67	-0.75	1	1	0	900	900	0
10/11/2023 10:00	47101 MARL_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/11/2023 10:00	20401 ASHF_T2	6	5	-1	0.13	0.18	0.05	-0.36	-0.37	1	1	0	600	600	0
10/11/2023 10:00	13701 SCHN_T2	1	4	3	0.2	0.3	0.1	0	0	0	0	0	0	0	0
10/11/2023 10:00	20401 ASHF_T2	6	5	-1	0.13	0.18	0.05	-0.36	-0.37	1	1	0	600	600	0
10/11/2023 10:00	64801 MONE_T2	2	2	0	0.3	0.3	0	0.24	0.26	0	0	0	0	0	0
10/11/2023 10:00	39601 LNFD_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/11/2023 10:00	61303 EARL_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/11/2023 10:00	26401 INOR_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/11/2023 10:00	52401 GRPA_T2	1	2	1	0.5	0.45	-0.05	0	0	0	0	0	0	0	0
10/11/2023 10:00	53501 EVIL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/11/2023 10:00	52402 GRPA_T2	7	8	1	1.03	1.16	0.13	0	0	0	0	0	0	0	0
10/11/2023 10:00	45802 HEGI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/11/2023 10:00	46004 BERW_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/11/2023 10:00	56802 BENV_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/11/2023 10:00	56603 HAMP_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/11/2023 10:00	46203 DANV_T2	1	6	5	0.2	0.72	0.52	-0.14	-0.14	0	0	0	0	0	0
10/11/2023 10:00	67605 WARW_T1	14	11	-3	0.49	0.39	-0.1	0	0	0	0	0	0	0	0
10/11/2023 10:00	59101 WALK_T2	1	1	0	0	0	0	2.01	2.09	0	0	0	0	0	0
10/11/2023 10:00	12604 MACA_T1	0	0	0	0	0	0	0.28	0.26	0	0	0	0	0	0
10/11/2023 10:00	56501 ROCK_T2	10	10	0	0.49	0.36	-0.13	-0.45	-0.47	0	0	0	0	0	0
10/11/2023 10:00	42401 GIMA_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/11/2023 10:01	53501 EVIL_T2	0	2	2	0	0.1	0.1	0.36	0.29	1	1	0	600	600	0
10/11/2023 10:01	65003 NEFF_T2	1	1	0	0.1	0.1	0	0	0	0	0	0	0	0	0
10/11/2023 10:02	58401 MORO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/11/2023 10:03	54206 PENN_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/11/2023 10:06	29402 BELT_T1	2	4	2	4.55	2.7	-1.85	0	0	0	0	0	0	0	0
10/11/2023 10:06	67502 WEWI_T2	5	2	-3	0.32	0.6	0.28	0	0	0	0	0	0	0	0
10/11/2023 10:06	56802 BENV_T2	5	35	30	0.36	0.21	-0.15	-0.71	-0.67	0	0	0	0	0	0
10/11/2023 10:07	56802 BENV_T2	5	35	30	0.36	0.21	-0.15	-0.71	-0.67	0	0	0	0	0	0
10/11/2023 10:07	16402 MOPO_T1	0	0	0	0	0	0	0.72	0.73	0	0	0	0	0	0
10/11/2023 10:07	45402 WBLO_T2	2	3	1	0.4	0.8	0.4	0	0	0	0	0	0	0	0
10/11/2023 10:07	43304 WATS_T2	0	0	0	0	0	0	-0.57	-0.57	0	0	0	0	0	0
10/11/2023 10:08	25801 SUTR_T2	0	0	0	0	0	0	-0.11	-0.11	0	0	0	0	0	0
10/11/2023 10:08	43304 WATS_T2	0	0	0	0	0	0	-0.57	-0.57	0	0	0	0	0	0
10/11/2023 10:08	56802 BENV_T2	5	35	30	0.36	0.21	-0.15	-1.42	-1.34	0	0	0	0	0	0
10/11/2023 10:09	43001 ALWD_T1	0	1	1	0	0.2	0.2	0	0	0	0	0	0	0	0
10/11/2023 10:09	26603 BROO_T1	0	0	0	0	0	0	0.36	0.37	0	0	0	0	0	0
10/11/2023 10:09	56802 BENV_T2	5	35	30	0.36	0.21	-0.15	-0.71	-0.67	0	0	0	0	0	0
10/11/2023 10:09	20403 ASHF_T2	12	25	13	0.21	0.33	0.12	0.13	0.23	0	0	0	0	0	0
10/11/2023 10:09	46203 DANV_T2	1	6	5	0.2	0.72	0.52	-0.14	-0.14	0	0	0	0	0	0
10/11/2023 10:10	10801 CHHI_T1	0	0	0	0	0	0	-0.95	-0.95	1	1	0	900	900	0
10/11/2023 10:10	51604 DUKE_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/11/2023 10:10	56802 BENV_T2	5	35	30	0.36	0.21	-0.15	-1.42	-1.34	0	0	0	0	0	0
10/11/2023 10:10	54505 ENOL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/11/2023 10:11	53601 DALM_T2	1	1	0	1	0.7	-0.3	-0.44	-0.34	1	1	0	900	900	0
10/11/2023 10:11	28801 LAKE_T1	56	187	131	0.12	0.18	0.06	0	0	0	0	0	0	0	0
10/11/2023 10:12	29401 BELT_T1	23	27	4	0.15	0.17	0.02	0	0	0	0	0	0	0	0
10/11/2023 10:11	56802 BENV_T2	5	35	30	0.36	0.21	-0.15	-1.42	-1.34	0	0	0	0	0	0
10/11/2023 10:12	46801 HEPB_T2	2	2	0	0.6	0.8	0.2	0.58	0.54	0	0	0	0	0	0
10/11/2023 10:12	46803 HEPB_T2	0	0	0	0	0	0	0.45	0.45	0	0	0	0	0	0
10/11/2023 10:12	41801 GOCI_T2	15	9	-6	0.35	0.39	0.04	0	0	0	0	0	0	0	0
10/11/2023 10:12	17804 GILB_T2	0	1	1	0	0.1	0.1	-0.58	-0.59	0	0	0	0	0	0
10/11/2023 10:12	64301 LINC_T1	0	0	0	0	0	0	0.03	-0.01	1	1	0	600	600	0
10/11/2023 10:12	53501 EVIL_T2	0	2	2	0	0.1	0.1	0.36	0.29	1	1	0	600	600	0
10/11/2023 10:13	41801 GOCI_T2	15	9	-6	0.35	0.39	0.04	0	0	0	0	0	0	0	0
10/11/2023 10:13	26401 INOR_T1	0	0	0	0	0	0	0.73	0.78	0	0	0	0	0	0
10/11/2023 10:13	53501 EVIL_T2	0	2	2	0	0.1	0.1	0.36	0.29	1	1	0	600	600	0
10/11/2023 10:14	28801 LAKE_T1	56	187	131	0.12	0.18	0.06	0	0	0	0	0	0	0	0
10/11/2023 10:14	46801 HEPB_T2	2	2	0	0.6	0.8	0.2	0.54	0.6	0	0	0	0	0	0
10/11/2023 10:14	23401 HONE_T2	0	0	0	0	0	0	-0.19	-0.11	0	0	0	0	0	0
10/11/2023 10:14	28403 HART_T2	0	0	0	0	0	0	-1.03	-1.04	1	1	0	900	900	0
10/11/2023 10:15	13503 MCMI_T2	0	0	0	0	0	0	-0.01	-0.01	0	0	0	0	0	0
10/11/2023 10:15	58402 MORO_T1	0	0	0	0	0	0	-2.38	-2.06	4	4	0	3000	3000	0
10/11/2023 10:16	45802 HEGI_T2	0	0	0	0	0	0	1.45	1.47	0	0	0	0	0	0
10/11/2023 10:16	52401 GRPA_T2	1	2	1	0.5	0.45	-0.05	0	0	0	0	0	0	0	0
10/11/2023 10:16	43202 MVIL_T2	0	0	0	0	0	0	-0.65	-0.69	0	0	0	0	0	0
10/11/2023 10:18	66504 SMAN_T2	1	1	0	0.1	0.4	0.3	0	0	0	0	0	0	0	0
10/11/2023 10:18	54701 NEBL_T1	0	4	4	0	0.25	0.25	0	0	1	1	0	600	600	0
10/11/2023 10:18	43202 MVIL_T2	0	0	0	0	0	0	-0.65	-0.69	0	0	0	0	0	0
10/11/2023 10:19	66505 SMAN_T2	0	0	0	0	0	0	0.39	0.39	2	2	0	1100	1100	0
10/11/2023 10:19	59101 WALK_T2	1	1	0	0	0	0	2.09	2.45	0	0	0	0	0	0
10/11/2023 10:20	56503 ROCK_T2	1	1	0	0.1	0.1	0	0	0	0	0	0	0	0	0
10/11/2023 10:20	52503 PROG_T2	0	1	1	0	0.4	0.4	-0.75	-0.76	1	1	0	900	900	0
10/11/2023 10:21	14403 SSLA_T1	0	3	3	0	0.67	0.67	0.73	0.75	0	0	0	0	0	0
10/11/2023 10:21	54701 NEBL_T1	0	4	4	0	0.25	0.25	0	0	1	1	0	600	600	0
10/11/2023 10:23	52403 GRPA_T2	5	5	0	0.24	0.46	0.22	-0.02	0.11	0	0	0	0	0	0
10/11/2023 10:23	29402 BELT_T1	1	4	3	9.1	2.7	-6.4	0	0	0	0	0	0	0	0
10/11/2023 10:25	29401 BELT_T1	24	28	4	0.16	0.15	-0.01	0	0	0	0	0	0	0	0
10/11/2023 10:26	29402 BELT_T1	1	4	3	9.1	2.7	-6.4	0	0	0	0	0	0	0	0
10/11/2023 10:26	17802 GILB_T1	0	2	2	0	0.35	0.35	0.08	0.11	0	0	0	0	0	0
10/11/2023 10:28	61803 EELI_T2	1	1	0	0.6	1	0.4	0	0	0	0	0	0	0	0
10/11/2023 10:28	64305 LINC_T1	0	0	0	0	0	0	-0.03	0	0	0	0	0	0	0
10/11/2023 10:29	17804 GILB_T2	0	1	1	0	0.2	0.2	0	0	0	0	0	0	0	0
10/11/2023 10:30	17804 GILB_T2	1	1	0	0.1	0.2	0.1	0	0	0	0	0	0	0	0
10/11/2023 10:32	28604 BLYT_T2	0	0	0	0	0	0	-1.42	-1.42	0	0	0	0	0	0
10/11/2023 10:33	60501 NMAN_T2	3	3	0	4.57	5.43	0.86	0	0	0	0	0	0	0	0
10/11/2023 10:33	56501 ROCK_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/11/2023 10:34	66501 SMAN_T2	0	2	2	0	0.25	0.25	0	0	0	0	0	0	0	0
10/11/2023 10:34	14404 SSLA_T1	3	5	2	0.1	0.36	0.26	0	0	0	0	0	0	0	0
10/11/2023 10:34	67203 TEHI_T1	1	1	0	0	0	0	0	0	0	0	0	0	0	0
10/11/2023 10:35	49803 UNIV_T1	2	4	2	0.6	0.6	0	-1.15	-1.14	0	0	0	0	0	0
10/11/2023 10:35	15001 BLMO_T1	390	586	196	3.29	2.44	-0.85	0	0	0	0	0	0	0	0
10/11/2023 10:35	41601 CLEV_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/11/2023 10:35	67203 TEHI_T1	1	1	0	0	0	0	2.52	2.45	2	2	0	1500	1500	0
10/11/2023 10:36	46001 BERW_T1	0	0	0	0	0	0	1.1	0.99	0	0	0	0	0	0
10/11/2023 10:37	66701 STRA_T1	1	1	0	0.8	1.1	0.3	0	0	0	0	0	0	0	0
10/11/2023 10:37	14401 SSLA_T1	1	2	1	0.2	0.3	0.1	0	0	0	0	0	0	0	0
10/11/2023 10:37	56802 BENV_T2	34	19	-15	0.21	0.36	0.15	-1.42	-1.38	0	0	0	0	0	0
10/11/2023 10:37	67503 WEWI_T2	0	0	0	0	0	0	-0.29	-0.29	0	0	0	0	0	0
10/11/2023 10:37	67503 WEWI_T2	0	0	0	0	0	0	-0.29	-0.29	0	0	0	0	0	0
10/11/2023 10:38	67502 WEWI_T2	2	11	9	0.6	0.27	-0.33	-0.28	-0.18	0	0	0	0	0	0
10/11/2023 10:38	56802 BENV_T2	34	19	-15	0.21	0.36	0.15	-1.42	-1.38	0	0	0	0	0	0
10/11/2023 10:39	67503 WEWI_T2	0	0	0	0	0	0	-0.29	-0.29	0	0	0	0	0	0
10/11/2023 10:39	67502 WEWI_T2	2	11	9	0.6	0.27	-0.33	-0.28	-0.18	0	0	0	0	0	0
10/11/2023 10:40	20401 ASHF_T2	5	6	1	0.16	0.2	0.04	0	0	0	0	0	0	0	0
10/11/2023 10:40	46001 BERW_T1	0	0	0	0	0	0	1.1	0.99	0	0	0	0	0	0
10/11/2023 10:44	42002 MNVL_T2	1	1	0	3.9	4.1	0.2	0	0	0	0	0	0	0	0
10/11/2023 10:44	47101 MARL_T1	1

10/11/2023 11:10	42701 AUGU_T1	1	1	0	0.1	0.5	0.4	0	0	2	2	0	1800	1800	0
10/11/2023 11:10	67502 WEWI_T2	11	8	-3	0.27	0.33	0.06	0	0	0	0	0	0	0	0
10/11/2023 11:10	56801 BENV_T1	42	44	2	0.86	0.88	0.02	-0.2	-0.19	0	0	0	0	0	0
10/11/2023 11:11	56803 BENV_T3	5	5	0	0.42	0.92	0.5	0	0	0	0	0	0	0	0
10/11/2023 11:12	56603 HAMP_T1	0	11	11	0	0.1	0.1	0	0	0	0	0	0	0	0
10/11/2023 11:12	56802 BENV_T2	19	63	44	0.35	0.26	-0.09	-0.67	-0.71	0	0	0	0	0	0
10/11/2023 11:14	56603 HAMP_T1	0	11	11	0	0.1	0.1	0	0	0	0	0	0	0	0
10/11/2023 11:15	46801 HEPB_T2	2	2	0	0.95	1	0.05	0	0	0	0	0	0	0	0
10/11/2023 11:15	39601 LNFD_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/11/2023 11:15	40101 HUNT_T2	0	0	0	0	0	0	-0.1	-0.11	0	0	0	0	0	0
10/11/2023 11:17	45702 LIND_T2	1	1	0	0.6	1.9	1.3	-0.56	-0.57	0	0	0	0	0	0
10/11/2023 11:18	44601 SALE_T2	0	0	0	0	0	0	0.05	1.17	1	1	0	600	600	0
10/11/2023 11:18	42201 SHEN_T2	1	0	-1	0.1	0	-0.1	-0.21	-0.2	1	1	0	600	600	0
10/11/2023 11:21	67204 TEHI_T2	1	2	1	0.5	0.55	0.05	-0.11	-0.1	0	0	0	0	0	0
10/11/2023 11:21	59102 WALK_T2	6	12	6	0.62	0.55	-0.07	0	0	0	0	0	0	0	0
10/11/2023 11:22	67204 TEHI_T2	1	2	1	0.5	0.55	0.05	-0.11	-0.1	0	0	0	0	0	0
10/11/2023 11:22	44601 SALE_T2	0	0	0	0	0	0	0.05	1.17	1	1	0	600	600	0
10/11/2023 11:23	42201 SHEN_T2	1	0	-1	0.1	0	-0.1	-0.21	-0.2	1	1	0	600	600	0
10/11/2023 11:23	45902 AUBU_T1	0	1	1	0	0.1	0.1	-0.87	-0.91	2	2	0	1200	1200	0
10/11/2023 11:24	59102 WALK_T2	6	12	6	0.62	0.55	-0.07	0	0	0	0	0	0	0	0
10/11/2023 11:25	20402 ASHF_T2	4	3	-1	0.2	0.2	0	0	0	0	0	0	0	0	0
10/11/2023 11:26	56801 BENV_T1	44	50	6	0.88	0.89	0.01	-0.38	-0.3	0	0	0	0	0	0
10/11/2023 11:31	15001 BLMO_T1	857	877	20	1.75	1.94	0.19	0	0	0	0	0	0	0	0
10/11/2023 11:32	15001 BLMO_T1	857	877	20	1.75	1.94	0.19	0	0	0	0	0	0	0	0
10/11/2023 11:33	56501 ROCK_T2	14	14	0	0.66	0.64	-0.02	0	0	0	0	0	0	0	0
10/11/2023 11:33	41602 CLEV_T1	0	1	1	0	0.2	0.2	0	0	0	0	0	0	0	0
10/11/2023 11:33	42201 SHEN_T2	0	1	1	0	0.3	0.3	-0.2	-0.2	1	1	0	600	600	0
10/11/2023 11:33	15001 BLMO_T1	857	877	20	1.75	1.94	0.19	0	0	0	0	0	0	0	0
10/11/2023 11:34	52403 GRPA_T2	5	17	12	0.52	0.55	0.03	0.13	0.17	0	0	0	0	0	0
10/11/2023 11:34	56503 ROCK_T2	4	5	1	0.18	0.22	0.04	0	0	0	0	0	0	0	0
10/11/2023 11:34	65601 QVIL_T2	0	1	1	0	0.1	0.1	0	0	0	0	0	0	0	0
10/11/2023 11:35	14403 SSLA_T1	5	4	-1	0.82	0.95	0.13	0.79	0.78	0	0	0	0	0	0
10/11/2023 11:35	52402 GRPA_T2	16	47	31	0.86	0.54	-0.32	0	0	0	0	0	0	0	0
10/11/2023 11:36	56504 ROCK_T2	0	1	1	0	0	0	0	0	0	0	0	0	0	0
10/11/2023 11:36	67204 TEHI_T2	1	2	1	0.5	0.6	0.1	-0.1	-0.08	0	0	0	0	0	0
10/11/2023 11:37	56503 ROCK_T2	4	5	1	0.18	0.22	0.04	0	0	0	0	0	0	0	0
10/11/2023 11:37	14401 SSLA_T1	3	2	-1	0.47	1	0.53	0	0	0	0	0	0	0	0
10/11/2023 11:37	60801 BUCK_T1	0	1	1	0	0.4	0.4	0	0	0	0	0	0	0	0
10/11/2023 11:37	65604 QVIL_T2	0	0	0	0	0	0	0.48	0.46	0	0	0	0	0	0
10/11/2023 11:37	59102 WALK_T2	6	12	6	0.68	0.55	-0.13	0	0	0	0	0	0	0	0
10/11/2023 11:37	67203 TEHI_T1	1	1	0	0	0	0	0	0	0	0	0	0	0	0
10/11/2023 11:38	67203 TEHI_T1	1	1	0	0	0	0	2.24	2.13	2	1	-1	1500	600	-900
10/11/2023 11:38	59101 WALK_T2	3	4	1	0.2	0.37	0.17	2.15	2.05	0	0	0	0	0	0
10/11/2023 11:38	67204 TEHI_T2	1	2	1	0.5	0.6	0.1	-0.1	-0.08	0	0	0	0	0	0
10/11/2023 11:38	56504 ROCK_T2	0	1	1	0	0	0	0	0	0	0	0	0	0	0
10/11/2023 11:39	59101 WALK_T2	3	4	1	0.2	0.37	0.17	2.15	2.05	0	0	0	0	0	0
10/11/2023 11:39	60803 BUCK_T1	0	2	2	0	0.3	0.3	-0.93	-0.94	1	1	0	600	600	0
10/11/2023 11:39	13105 NHAM_T2	0	0	0	0	0	0	-0.35	-0.38	1	1	0	1200	1200	0
10/11/2023 11:39	15001 BLMO_T1	857	877	20	1.75	1.94	0.19	0	0	0	0	0	0	0	0
10/11/2023 11:39	56504 ROCK_T2	0	1	1	0	0	0	0	0	0	0	0	0	0	0
10/11/2023 11:42	17805 GILB_T2	2	3	1	0.35	0.6	0.25	0	0	0	0	0	0	0	0
10/11/2023 11:43	23401 HONE_T2	0	0	0	0	0	0	-0.25	-0.19	0	0	0	0	0	0
10/11/2023 11:44	17805 GILB_T2	2	3	1	0.35	0.6	0.25	0	0.04	0	0	0	0	0	0
10/11/2023 11:44	53903 HALI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/11/2023 11:44	17802 GILB_T1	7	5	-2	0.67	0.52	-0.15	0.04	0.09	0	0	0	0	0	0
10/11/2023 11:45	45003 LIME_2	4	35	31	0.25	0.47	0.22	0	0	0	0	0	0	0	0
10/11/2023 11:45	47101 MARL_T1	1	1	0	0.5	0.6	0.1	-0.16	-0.22	0	0	0	0	0	0
10/11/2023 11:46	47101 MARL_T1	1	1	0	0.5	0.6	0.1	-0.16	-0.22	0	0	0	0	0	0
10/11/2023 11:46	59302 MCAL_T1	0	4	4	0	0.53	0.53	0.24	0.22	1	1	0	600	600	0
10/11/2023 11:47	47101 MARL_T1	1	1	0	0.5	0.6	0.1	-0.08	-0.11	0	0	0	0	0	0
10/11/2023 11:48	43202 MVIL_T2	1	1	0	1	1.2	0.2	-0.66	-0.67	0	0	0	0	0	0
10/11/2023 11:48	60801 BUCK_T1	1	5	4	0.4	0.26	-0.14	0	-0.15	0	0	0	0	0	0
10/11/2023 11:48	47101 MARL_T1	1	1	0	0.5	0.6	0.1	-0.08	-0.11	0	0	0	0	0	0
10/11/2023 11:49	52402 GRPA_T2	17	47	30	0.96	0.54	-0.42	0	0	0	0	0	0	0	0
10/11/2023 11:49	65601 QVIL_T2	0	1	1	0	0.3	0.3	0	0	0	0	0	0	0	0
10/11/2023 11:49	59301 MCAL_T1	19	67	48	0.51	0.48	-0.03	-1.46	-0.87	1	0	-1	600	0	-600
10/11/2023 11:50	52502 PROG_T2	0	0	0	0	0	0	0.22	0.22	0	0	0	0	0	0
10/11/2023 11:50	42701 AUGU_T1	1	1	0	0.2	0.4	0.2	0	0	2	2	0	1800	1800	0
10/11/2023 11:51	43304 WATS_T2	0	0	0	0	0	0	-0.43	-0.47	0	0	0	0	0	0
10/11/2023 11:51	52403 GRPA_T2	14	17	3	0.39	0.52	0.13	0.17	0.14	0	0	0	0	0	0
10/11/2023 11:51	43202 MVIL_T2	1	1	0	1	1.2	0.2	-0.66	-0.67	0	0	0	0	0	0
10/11/2023 11:51	42701 AUGU_T1	1	1	0	0.2	0.4	0.2	0	0	2	2	0	1800	1800	0
10/11/2023 11:52	65601 QVIL_T2	0	1	1	0	0.3	0.3	0	0	0	0	0	0	0	0
10/11/2023 11:52	42701 AUGU_T1	1	1	0	0.2	0.4	0.2	0	0	2	2	0	1800	1800	0
10/11/2023 11:53	43301 WATS_T2	1	2	1	1.1	0.7	-0.4	0	0	0	0	0	0	0	0
10/11/2023 11:53	42701 AUGU_T1	1	1	0	0.2	0.4	0.2	0	0	2	2	0	1800	1800	0
10/11/2023 11:54	15103 UPHA_T2	2	2	0	0.2	0.5	0.3	0.38	0.36	0	0	0	0	0	0
10/11/2023 11:54	43001 ALWD_T1	5	8	3	0.56	0.51	-0.05	0	0	0	0	0	0	0	0
10/11/2023 11:55	51604 DUKE_T2	5	9	4	0.64	0.49	-0.15	-1.71	-1.71	1	1	0	900	900	0
10/11/2023 11:55	42701 AUGU_T1	1	1	0	0.2	0.4	0.2	0	0	2	2	0	1800	1800	0
10/11/2023 11:56	53601 DALM_T2	1	1	0	0.9	1.2	0.3	-0.32	-0.3	1	1	0	900	900	0
10/11/2023 12:00	51604 DUKE_T2	9	8	-1	0.48	0.54	0.06	-1.71	-1.68	1	1	0	900	900	0
10/11/2023 12:01	47101 MARL_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/11/2023 12:02	59301 MCAL_T1	58	67	9	0.35	0.47	0.12	0	0	0	0	0	0	0	0
10/11/2023 12:04	59101 WALK_T2	4	2	-2	0.37	0.6	0.23	1.98	1.86	0	0	0	0	0	0
10/11/2023 12:04	65604 QVIL_T2	0	0	0	0	0	0	0.51	0.53	0	0	0	0	0	0
10/11/2023 12:05	52402 GRPA_T2	46	27	-19	0.54	0.72	0.18	0	0	0	0	0	0	0	0
10/11/2023 12:06	52503 PROG_T2	0	1	1	0	0.1	0.1	0	0	0	0	0	0	0	0
10/11/2023 12:07	43304 WATS_T2	0	0	0	0	0	0	-0.47	-0.47	0	0	0	0	0	0
10/11/2023 12:07	52401 GRPA_T2	3	2	-1	0.47	0.7	0.23	0	0	0	0	0	0	0	0
10/11/2023 12:07	65604 QVIL_T2	0	0	0	0	0	0	0.51	0.53	0	0	0	0	0	0
10/11/2023 12:09	43304 WATS_T2	0	0	0	0	0	0	-0.47	-0.47	0	0	0	0	0	0
10/11/2023 12:09	59101 WALK_T2	4	2	-2	0.37	0.6	0.23	3.96	3.72	0	0	0	0	0	0
10/11/2023 12:09	67401 WAKE_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/11/2023 12:10	54501 ENOL_T2	2	3	1	0.15	0.13	-0.02	0.08	0.07	0	0	0	0	0	0
10/11/2023 12:10	54502 ENOL_T2	2	4	2	0.2	0.23	0.03	0	0	0	0	0	0	0	0
10/11/2023 12:11	44302 BEAV_T2	17	38	21	0.68	0.74	0.06	0.26	0.29	0	0	0	0	0	0
10/11/2023 12:11	54502 ENOL_T2	2	4	2	0.2	0.23	0.03	0	0	0	0	0	0	0	0
10/11/2023 12:13	54502 ENOL_T2	2	4	2	0.2	0.23	0.03	0	0	0	0	0	0	0	0
10/11/2023 12:13	54502 ENOL_T2	2	4	2	0.2	0.23	0.03	0	0	0	0	0	0	0	0
10/11/2023 12:14	54501 ENOL_T2	2	3	1	0.15	0.13	-0.02	0.07	0.08	0	0	0	0	0	0
10/11/2023 12:15	54206 PENN_T2	4	6	2	0.23	0.37	0.14	0	0	0	0	0	0	0	0
10/11/2023 12:16	47403 PENS_T1	1	1	0	0.1	2.1	2	0	0	0	0	0	0	0	0
10/11/2023 12:17	43202 MVIL_T2	1	2	1	1.2	0.8	-0.4	-0.69	-0.67	0	0	0	0	0	0
10/11/2023 12:18	47403 PENS_T1	1	1	0	0.1	2.1	2	0	0	0	0	0	0	0	0
10/11/2023 12:19	54501 ENOL_T2	2	4	2	0.15	0.23	0.08	0.07	0.08	0	0	0	0	0	0
10/11/2023 12:19	43201 MVIL_T2	1	1	0	0.2	0.2	0	0	0	0	0	0	0	0	0
10/11/2023 12:21	14802 TREI_T2	9	26	17	0.23	0.33	0.1	0.58	0.78	0	0	0	0	0	0
10/11/2023 12:22	59402 RFLD_T2	45	48	3	0.33	0.33	0	-1.03	-0.98	1	1	0	450	450	0
10/11/2023 12:24	14801 TREI_T2	49	83	34	0.19	0.29	0.1	0.23	0.21	0	0	0	0	0	0
10/11/2023 12:28	45003 LIME_2	1	1	0	4.5	4.7	0.2	0	0	1	1	0	1200	1200	0
10/11/2023 12:31	45002 LIME_2	1	2	1	0.5	0.2	-0.3	0	0	0	0	0	0	0	0
10/11/2023 12:32	45002 LIME_2	1	2	1	0.5	0.2	-0.3	0	0	0	0	0	0	0	0
10/11/2023 12:33	59302 MCAL_T1	1	1	0	0.6	0.3	-0.3	0.17	0.23	1	1	0	600	600	0
10/11/2023 12:41	53903 HALI_T2	6	7	1	0.65	0.69	0.04	-0.07	-0.06	0	0	0	0	0	0
10/11/2023 12:44	53901 HALI_T2	2	3	1	0.55	0.5	-0.05	0	0	0	0	0	0	0	0
10/11/2023 12:46	23401 HONE_T2	2	1	-1	0.25	1.1	0.85	-0.31	-0.26	0	0	0	0	0	0
10/11/2023 12:47	59402 RFLD_T2	7	1	-6	0.46	0.2	-0.26	-0.82	-0.75	1	1	0	450	450	0
10/11/2023 12:51	43001 ALWD_T1	9	7	-2	0.77	0.81	0.04	0	0	0	0	0	0	0	0
10/11/2023 12:52	15103 UPHA_T2	2	2	0	0.6	0.45	-0.15	0.39	0.36	0	0	0	0	0	0
10/11/2023 12:53	44302 BEAV_T2	19	19	0	0.85	0.66	-0.19	0.25	0.24	0	0	0	0	0	0
10/11/2023 12:59	47104 MARL_T1	2	0	-2	0.15	0	-0.15	0	0	0	0	0	0	0	0
10/11/2023 13:01	47101 MARL_T1	1	1	0	0.6	0.3	-0.3	-0.09	-0.12	0	0	0	0	0	0
10/11/2023 13:01	15001 BLMO_T1	303	138	-165	0.64	0.42	-0.22	0	0	0	0	0	0	0	0
10/11/2023 13:03	41902 REED_T1	3	3	0	0.3	0.47	0.17	1.87	1.9	0	0	0	0	0	0
10/11/2023 13:03	15001 BLMO_T1	303	138	-165	0.64	0.42	-0.22	0	0	0	0	0	0	0	0
10/11/2023 13:03	13105 NHAM_T2	0	0	0	0	0	0	-0.36	-0.3	1	1	0	1200	1200	0
10/11/2023 13:04	41901 REED_T1	2	2	0	0.2	0.2	0	0	0	0	0	0	0	0	0
10/11/2023 13:05	65004 NEFF_T2	3	2	-1	0.43	0.65	0.22	-0.51	-0.51	0	0	0	0	0	0
10/11/2023 13:05	47101 MARL_T1	1	1	0	0.6	0.3	-0.3	-0.09	-0.12	0	0	0	0	0	0
10/11/2023 13:05	41901 REED_T1	2	2	0	0.2	0.2	0	0	0	0	0	0	0	0	0
10/11/2023 13:06	41902 REED_T1	3	3	0	0.3	0.47	0.17	0.93	0.95	0	0	0	0	0	0
10/11/2023 13:07	59102 WALK_T2	2	2	0	0.4	0.15	-0.25	0	0	0	0	0	0	0	0
10/11/2023 13:09	59102 WALK_T2	2	2	0	0.4	0.15	-0.25	0	0	0	0	0	0	0	0
10/11/2023 13:10	15604 NSTR_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/11/2023 13:14	53903 HALI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/11/2023 13:21	46002 BERW_T2	1	3	2	0.5	0.3	-0.2	0	0	0	0	0	0	0	0
10/11/2023 13:22	42701 AUGU_T1	1	1	0	0.2	0.3	0.1	0	0	2	2	0	1800	1800	0
10/11/2023 13:24	42701 AUGU_T1	1	1	0	0.2	0.3	0.1	0	0	2	2	0	1800	1800	0
10/11/2023 13:24	56802 BENV_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/11/2023 13:24	51604 DUKE_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/11/2023 13:25	56802 BENV_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/11/2023 13:27	42701 AUGU_T1	1	1	0	0.2	0.3	0.1	0	0	2	2	0	1800	1800	0
10/11/2023 13:30	53903 HALI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/11/2023 13:35	14403 SSLA_T1	8	6	-2	0.54	0.53	-0.01	0	0	0	0	0	0	0	0
10/11/2023 13:37	14403 SSLA_T1	5	3	-2	0.88	0.97	0.09	0.87	0.91	0	0	0	0	0	0
10/11/2023 13:37	46002 BERW_T2	2	3	1	0.2	0.3	0.1	0	0	0	0	0	0	0	0
10/11/2023 13:40	56802 BENV_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/11/2023 13:41	56801 BENV_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/11/2023 13:41	56802 BENV_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/11/2023 13:41	42701 AUGU_T1	1	1	0	0.2	0.3	0.1	0	0	4	4	0	3600	3600	0
10/11/2023 13:44	45001 LIME_2	1	2	1	0.2	0.15	-0.05	0	0	0	0	0	0	0	0
10/11/2023 13:45	53901 HALI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/11/2023 13:47	45003 LIME_2	1	1	0	3.2	2.9	-0.3	0	0	1	1	0	1200	1200	0
10/11/2023 13:47	15001 BLMO_T1	187	228	41	0.39	0.49	0.1	0	0	0	0	0	0	0	0
10/11/2023 13:47	59302 MCAL_T1	1	1	0	0.1	0.3	0.2	0.25	0.35	1	1	0	600	600	0
10/11/2023 13:48	15001 BLMO_T1	187	228	41	0.39	0.49	0.1	0	0	0	0	0	0	0	0
10/11/2023 13:49	15001 BLMO_T1	187	228	41	0.39	0.49	0.1	0	0	0	0	0	0	0	0
10/11/2023 13:50	15001 BLMO_T1	187	228	41	0.39	0.49	0.1	0	0	0	0	0	0	0	0
10/11/2023 13:50	43301 WATS_T2	1	1	0	0.7	0.9	0.2	0	0	0	0	0	0	0	0
10/11/2023 13:52	42701 AUGU_T1	1	1	0	0.3	0.1	-0.2	0	0	2	2	0	1800	1800	0
10/11/2023 13:53	43304 WATS_T2	0	0	0	0	0	0	-0.67	-0.48	0	0	0	0	0	0
10/11/2023 13:54	42701 AUGU_T1	1	1	0	0.3	0.1	-0.2	0	0	2	2	0	1800	1800	0
10/11/2023 13:54	59102 WALK_T2	0	1	1	0	0.1	0.1	0	0	0	0	0	0	0	0
10/11/2023 13:55	43304 WATS_T2	0	0	0	0	0	0	-0.67	-0.48	0	0	0	0	0	0
10/11/2023 13:58	23401 HONE_T2	1	1	0	0.4	0.8	0.4	-0.23	-0.23	0	0	0	0	0	0
10/11/2023 13:59	22901 HARW_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/11/2023 14:05	42802 SELI_T1	1	1	0	0.3	0.3	0	-1.13	-1.12	0	0	0	0	0	0
10/11/2023 14:05	15103 UPHA_T2	2	2	0	0.4	0.45	0.05	0.36	0.38	0	0	0	0	0	0
10/11/2023 14:06	42802 SELI_T1	1	1	0	0.3	0.3	0	-1.13	-1.12	0	0	0	0	0	0
10/11/2023 14:07	52403 GRPA_T2	1	9	8	0.1	0.16	0.06	0	0	0	0	0	0	0	0
10/11/2023 14:08	42701 AUGU_T1	0	1	1	0	0.1	0.1	0	0	2	2	0	1800	1800	0
10/11/2023 14:09	59101 WALK_T2	1	1	0	0	0	0	1.98	2.13	0	0	0	0	0	0
10/11/2023 14:09	67401 WAKE_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/11/2023 14:10	42701 AUGU_T1	0	1	1	0	0.1	0.1	0	0	2	2	0	1800	1800	0
10/11/2023 14:11	52403 GRPA_T2	1	9	8	0.1	0.16	0.06	0.14	0.14	0	0	0	0	0	0
10/11/2023 14:13	23401 HONE_T2	0	2	2	0	0.5	0.5	-0.23	-0.29

10/11/2023 14:29	26401 INOR_T1	0	0	0	0	0	0	0.72	0.69	0	0	0	0	0	0
10/11/2023 14:29	59302 MCAL_T1	1	1	0	0.3	0.3	0	0.2	0.34	1	1	0	600	600	0
10/11/2023 14:29	51602 DUKE_T2	0	1	1	0	0.1	0.1	0	0	0	0	0	0	0	0
10/11/2023 14:30	64305 LINC_T1	0	0	0	0	0	0	0.15	0.05	0	0	0	0	0	0
10/11/2023 14:30	23401 HONE_T2	1	1	0	0.2	0.9	0.7	-0.39	-0.32	0	0	0	0	0	0
10/11/2023 14:30	43202 MVIL_T2	1	1	0	1	1	0	-0.68	-0.66	0	0	0	0	0	0
10/11/2023 14:31	17804 GILB_T2	1	2	1	0.1	0.35	0.25	0	0	0	0	0	0	0	0
10/11/2023 14:31	42902 MIDD_T2	5	3	-2	0.78	0.63	-0.15	0	0	0	0	0	0	0	0
10/11/2023 14:31	47802 MOCA_T2	1	1	0	0.7	0.6	-0.1	-1.01	-1.02	0	0	0	0	0	0
10/11/2023 14:33	42901 MIDD_T2	3	2	-1	0.6	0.25	-0.35	0	0	0	0	0	0	0	0
10/11/2023 14:33	43202 MVIL_T2	1	1	0	1	1	0	-0.68	-0.66	0	0	0	0	0	0
10/11/2023 14:33	52004 LING_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/11/2023 14:33	64301 LINC_T1	0	0	0	0	0	0	-0.01	-0.01	1	1	0	600	600	0
10/11/2023 14:35	14401 SSLA_T1	2	3	1	0.65	0.77	0.12	0	0	0	0	0	0	0	0
10/11/2023 14:35	66502 SMAN_T2	0	2	2	0	0.15	0.15	0	0	0	0	0	0	0	0
10/11/2023 14:36	43301 WATS_T2	1	1	0	0.9	1.1	0.2	0.36	0.36	0	0	0	0	0	0
10/11/2023 14:36	42701 AUGU_T1	0	1	1	0	0.3	0.3	0	0	2	2	0	1800	1800	0
10/11/2023 14:36	43302 WATS_T2	0	1	1	0	0.1	0.1	0	0	0	0	0	0	0	0
10/11/2023 14:36	43001 ALWD_T1	4	7	3	0.83	0.67	-0.16	0	0	0	0	0	0	0	0
10/11/2023 14:36	67201 TEHI_T1	1	2	1	0.1	0.1	0	0	0	0	0	0	0	0	0
10/11/2023 14:37	56803 BENV_T1	4	4	0	0.75	0.83	0.08	0	0	0	0	0	0	0	0
10/11/2023 14:37	46001 BERW_T1	0	0	0	0	0	0	0.91	1.23	0	0	0	0	0	0
10/11/2023 14:37	45902 AUBU_T1	2	3	1	0.45	0.4	-0.05	0	0	1	1	0	600	600	0
10/11/2023 14:38	14401 SSLA_T1	2	3	1	0.65	0.77	0.12	0	0	0	0	0	0	0	0
10/11/2023 14:38	52401 GRPA_T2	2	2	0	0.5	0.5	0	0	0	0	0	0	0	0	0
10/11/2023 14:38	56803 BENV_T1	4	4	0	0.75	0.83	0.08	0	0	0	0	0	0	0	0
10/11/2023 14:38	56802 BENV_T2	87	310	223	0.24	0.25	0.01	-0.69	-0.64	0	0	0	0	0	0
10/11/2023 14:38	60803 BUCK_T1	0	0	0	0	0	0	-0.87	-0.83	1	1	0	600	600	0
10/11/2023 14:38	45902 AUBU_T1	2	3	1	0.45	0.4	-0.05	0	0	1	1	0	600	600	0
10/11/2023 14:39	59101 WALK_T2	1	1	0	0	0	0	2.24	2.26	0	0	0	0	0	0
10/11/2023 14:39	56802 BENV_T2	87	310	223	0.24	0.25	0.01	-4.14	-3.84	0	0	0	0	0	0
10/11/2023 14:40	42701 AUGU_T1	0	1	1	0	0.3	0.3	0	0	2	2	0	1800	1800	0
10/11/2023 14:40	60803 BUCK_T1	0	0	0	0	0	0	-0.87	-0.83	1	1	0	600	600	0
10/11/2023 14:40	56803 BENV_T1	4	4	0	0.75	0.83	0.08	0	0	0	0	0	0	0	0
10/11/2023 14:40	43001 ALWD_T1	4	7	3	0.83	0.67	-0.16	0	0	0	0	0	0	0	0
10/11/2023 14:41	29402 BELT_T1	6	6	0	1.83	1.85	0.02	0	0	0	0	0	0	0	0
10/11/2023 14:41	56801 BENV_T1	45	47	2	0.96	0.88	-0.08	-0.9	-0.85	0	0	0	0	0	0
10/11/2023 14:41	56802 BENV_T2	87	310	223	0.24	0.25	0.01	-3.45	-3.2	0	0	0	0	0	0
10/11/2023 14:42	17805 GILB_T2	2	3	1	0.3	0.37	0.07	0.26	0.12	0	0	0	0	0	0
10/11/2023 14:42	46001 BERW_T1	0	0	0	0	0	0	0.91	1.23	0	0	0	0	0	0
10/11/2023 14:42	56802 BENV_T2	87	310	223	0.24	0.25	0.01	-1.38	-1.28	0	0	0	0	0	0
10/11/2023 14:43	45002 LIME_2	1	0	-1	0.4	0	-0.4	0	0	0	0	0	0	0	0
10/11/2023 14:43	52401 GRPA_T2	2	2	0	0.5	0.5	0	-0.55	-0.52	0	0	0	0	0	0
10/11/2023 14:43	17805 GILB_T2	2	3	1	0.3	0.37	0.07	0	0	0	0	0	0	0	0
10/11/2023 14:43	52402 GRPA_T2	15	11	-4	0.75	0.93	0.18	0	0	0	0	0	0	0	0
10/11/2023 14:43	17802 GILB_T1	3	3	0	0.43	0.7	0.27	0.08	0.09	0	0	0	0	0	0
10/11/2023 14:43	41802 GOCI_T2	1	1	0	0.4	0.2	-0.2	0	0	0	0	0	0	0	0
10/11/2023 14:43	56801 BENV_T1	45	47	2	0.96	0.88	-0.08	-0.18	-0.17	0	0	0	0	0	0
10/11/2023 14:45	40101 HUNT_T2	0	0	0	0	0	0	-0.13	-0.12	0	0	0	0	0	0
10/11/2023 14:45	59302 MCAL_T1	0	0	0	0	0	0	0.34	0.3	1	1	0	600	600	0
10/11/2023 14:45	64305 LINC_T1	0	0	0	0	0	0	0.05	0.07	0	0	0	0	0	0
10/11/2023 14:46	53901 HALI_T2	1	1	0	0.1	0.2	0.1	0	0	0	0	0	0	0	0
10/11/2023 14:46	43202 MVIL_T2	1	1	0	1	0.9	-0.1	-0.66	-0.65	0	0	0	0	0	0
10/11/2023 14:47	63203 MGTN_T1	0	0	0	0	0	0	-0.8	-0.75	2	2	0	1200	1200	0
10/11/2023 14:47	64802 MONE_T2	11	12	1	0.48	0.53	0.05	0.21	0.2	0	0	0	0	0	0
10/11/2023 14:47	42201 SHEN_T2	4	7	3	0.8	0.46	-0.34	-0.15	-0.18	1	1	0	600	600	0
10/11/2023 14:47	13701 SCHN_T2	7	8	1	0.34	0.33	-0.01	0	0	0	0	0	0	0	0
10/11/2023 14:48	13701 SCHN_T2	7	8	1	0.34	0.33	-0.01	0	0	0	0	0	0	0	0
10/11/2023 14:48	64301 LINC_T1	0	0	0	0	0	0	-0.01	0.03	1	1	0	600	600	0
10/11/2023 14:49	43202 MVIL_T2	1	1	0	1	0.9	-0.1	-0.66	-0.65	0	0	0	0	0	0
10/11/2023 14:51	14404 SSLA_T1	4	6	2	0.58	0.48	-0.1	0	0	0	0	0	0	0	0
10/11/2023 14:51	59102 WALK_T2	2	0	-2	0.2	0	-0.2	0	0	0	0	0	0	0	0
10/11/2023 14:53	13704 SCHN_T2	1	5	4	0.3	0.2	-0.1	-0.33	-0.35	0	0	0	0	0	0
10/11/2023 14:53	60101 COCA_T1	4	5	1	0.38	0.3	-0.08	0.3	0.3	0	0	0	0	0	0
10/11/2023 14:54	14404 SSLA_T1	4	6	2	0.58	0.48	-0.1	0	0	0	0	0	0	0	0
10/11/2023 14:54	60101 COCA_T1	4	5	1	0.38	0.3	-0.08	0.3	0.3	0	0	0	0	0	0
10/11/2023 14:54	59102 WALK_T2	2	0	-2	0.2	0	-0.2	0	0	0	0	0	0	0	0
10/11/2023 14:57	60801 BUCK_T1	0	0	0	0	0	0	-0.01	-0.02	0	0	0	0	0	0
10/11/2023 14:57	15001 BLMO_T1	3	2	-1	0.2	0.35	0.15	0	0	0	0	0	0	0	0
10/11/2023 14:58	15001 BLMO_T1	3	2	-1	0.2	0.35	0.15	0	0	0	0	0	0	0	0
10/11/2023 14:59	15001 BLMO_T1	3	2	-1	0.2	0.35	0.15	0	0	0	0	0	0	0	0
10/11/2023 15:00	15001 BLMO_T1	1	2	1	0.4	0.35	-0.05	0	0	0	0	0	0	0	0
10/11/2023 15:01	23401 HONE_T2	1	0	-1	0.9	0	-0.9	-0.27	-0.25	0	0	0	0	0	0
10/11/2023 15:02	23401 HONE_T2	1	0	-1	0.9	0	-0.9	-0.27	-0.25	0	0	0	0	0	0
10/11/2023 15:03	47802 MOCA_T2	1	1	0	0.6	0.6	0	-1.01	-1.03	0	0	0	0	0	0
10/11/2023 15:03	13701 SCHN_T2	7	8	1	0.33	0.33	0	0	0	0	0	0	0	0	0
10/11/2023 15:03	42201 SHEN_T2	6	6	0	0.5	0.42	-0.08	-0.18	-0.14	1	1	0	600	600	0
10/11/2023 15:03	23401 HONE_T2	1	0	-1	0.9	0	-0.9	-0.27	-0.25	0	0	0	0	0	0
10/11/2023 15:06	67204 TEHI_T2	1	1	0	0.1	0.3	0.2	-0.04	-0.07	0	0	0	0	0	0
10/11/2023 15:08	46001 BERW_T1	0	0	0	0	0	0	2.08	2.1	0	0	0	0	0	0
10/11/2023 15:08	24901 WHHA_T1	2	5	3	0.8	0.4	-0.4	1.2	1.1	0	0	0	0	0	0
10/11/2023 15:08	27503 WEIS_T2	0	1	1	0	0.1	0.1	0	0	0	0	0	0	0	0
10/11/2023 15:08	67204 TEHI_T2	1	1	0	0.1	0.3	0.2	-0.04	-0.07	0	0	0	0	0	0
10/11/2023 15:08	59101 WALK_T2	1	1	0	0	0	0	2.32	2.31	0	0	0	0	0	0
10/11/2023 15:09	59101 WALK_T2	1	1	0	0	0	0	2.32	2.31	0	0	0	0	0	0
10/11/2023 15:09	61303 EARL_T1	0	0	0	0	0	0	0.88	0.65	0	0	0	0	0	0
10/11/2023 15:09	24902 WHHA_T1	23	67	44	0.15	0.19	0.04	0.48	0.44	0	0	0	0	0	0
10/11/2023 15:10	43301 WATS_T2	1	2	1	0.8	0.75	-0.05	0	0	0	0	0	0	0	0
10/11/2023 15:13	23401 HONE_T2	1	0	-1	0.9	0	-0.9	-0.27	-0.25	0	0	0	0	0	0
10/11/2023 15:14	45002 LIME_2	0	1	1	0	0.3	0.3	0	0	0	0	0	0	0	0
10/11/2023 15:14	41502 FAIR_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/11/2023 15:17	45002 LIME_2	1	1	0	0.3	0.2	-0.1	0	0	0	0	0	0	0	0
10/11/2023 15:17	64303 LINC_T1	0	0	0	0	0	0	-0.08	-0.09	0	0	0	0	0	0
10/11/2023 15:18	56301 NEBL_T1	4	4	0	0.25	0.3	0.05	0	0	1	1	0	600	600	0
10/11/2023 15:22	56801 BENV_T1	49	43	-6	0.96	0.75	-0.21	-0.34	-0.32	0	0	0	0	0	0
10/11/2023 15:23	56803 BENV_T1	9	4	-5	0.43	0.48	0.05	0	0	0	0	0	0	0	0
10/11/2023 15:24	59101 WALK_T2	1	1	0	0	0	0	2.31	2.38	0	0	0	0	0	0
10/11/2023 15:25	56801 BENV_T1	49	43	-6	0.96	0.75	-0.21	-0.17	-0.16	0	0	0	0	0	0
10/11/2023 15:26	56803 BENV_T1	9	4	-5	0.43	0.48	0.05	0	0	0	0	0	0	0	0
10/11/2023 15:30	58402 MORO_T1	0	0	0	0	0	0	-1.13	-1.09	2	2	0	1500	1500	0
10/11/2023 15:31	46602 LACR_T1	0	1	1	0	0	0	-0.19	-0.12	0	0	0	0	0	0
10/11/2023 15:35	65604 QVIL_T2	0	0	0	0	0	0	0.41	0.33	0	0	0	0	0	0
10/11/2023 15:37	65604 QVIL_T2	0	0	0	0	0	0	0.41	0.33	0	0	0	0	0	0
10/11/2023 15:37	29401 BELT_T1	51	18	-33	0.18	0.12	-0.06	0	0	0	0	0	0	0	0
10/11/2023 15:37	59402 RFLD_T2	10	34	24	0.26	0.28	0.02	-1.12	-0.66	1	1	0	450	450	0
10/11/2023 15:46	16402 MOPO_T1	0	0	0	0	0	0	0.74	0.73	0	0	0	0	0	0
10/11/2023 15:46	42903 MIDD_T2	2	3	1	1.85	1.47	-0.38	0	0	0	0	0	0	0	0
10/11/2023 15:48	16402 MOPO_T1	0	0	0	0	0	0	0.74	0.73	0	0	0	0	0	0
10/11/2023 15:52	14401 SSLA_T1	2	2	0	0.65	0.75	0.1	0	0	0	0	0	0	0	0
10/11/2023 15:52	66703 STRA_T1	0	0	0	0	0	0	0.01	-0.1	0	0	0	0	0	0
10/11/2023 16:07	42701 AUGU_T1	1	1	0	0.3	0.4	0.1	0	0	2	2	0	1800	1800	0
10/11/2023 16:08	43302 WATS_T2	4	4	0	0.38	0.73	0.35	0	0	0	0	0	0	0	0
10/11/2023 16:08	42701 AUGU_T1	1	1	0	0.3	0.4	0.1	0	0	2	2	0	1800	1800	0
10/11/2023 16:43	20603 GRWO_T2	8	10	2	0.16	0.16	0	0.37	0.36	0	0	0	0	0	0
10/11/2023 16:49	58402 MORO_T1	0	0	0	0	0	0	-1.09	-1.09	2	2	0	1500	1500	0
10/11/2023 17:09	59101 WALK_T2	1	1	0	0	0	0	1.57	1.56	0	0	0	0	0	0
10/11/2023 17:14	44301 BEAV_T2	0	1	1	0	0.4	0.4	0	0	0	0	0	0	0	0
10/11/2023 17:25	43402 BENT_T1	0	0	0	0	0	0	-0.95	-0.94	1	1	0	900	900	0
10/11/2023 17:26	43402 BENT_T1	0	0	0	0	0	0	-0.95	-0.94	1	1	0	900	900	0
10/11/2023 17:36	52404 GRPA_T2	1	1	0	0.4	0	-0.4	0	0	0	0	0	0	0	0
10/11/2023 19:25	26401 INOR_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/11/2023 19:27	52004 LING_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/11/2023 19:28	15604 NSTR_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/11/2023 19:34	61303 EARL_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/11/2023 19:34	40602 PIGR_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/11/2023 19:36	54701 NEBL_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/11/2023 19:36	42401 GIMA_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/11/2023 19:36	56802 BENV_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/11/2023 19:37	54505 ENOL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/11/2023 19:37	21606 EYNO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/11/2023 19:37	46004 BERW_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/11/2023 19:37	45902 AUBU_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/11/2023 19:37	46203 DANV_T2	2	1	-1	0.15	0.1	-0.05	0	0	0	0	0	0	0	0
10/11/2023 19:37	53501 EVIL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/11/2023 19:37	56802 BENV_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/11/2023 19:38	41502 FAIR_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/11/2023 19:38	56802 BENV_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/11/2023 19:40	67401 WAKE_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/11/2023 19:41	45802 HEGI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/11/2023 19:41	53501 EVIL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/11/2023 19:41	22901 HARW_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/11/2023 19:41	41601 CLEV_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/11/2023 19:41	54701 NEBL_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/11/2023 19:42	51604 DUKE_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/11/2023 19:42	53903 HALI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/11/2023 19:43	42902 MIDD_T2	35	56	21	0.29	0.31	0.02	0	0	0	0	0	0	0	0
10/11/2023 19:43	46203 DANV_T2	2	1	-1	0.15	0.1	-0.05	0	0	0	0	0	0	0	0
10/11/2023 19:43	43301 WATS_T2	0	1	1	0	0.2	0.2	0	0	0	0	0	0	0	0
10/11/2023 19:44	40602 PIGR_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/11/2023 19:44	56801 BENV_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/11/2023 19:44	61303 EARL_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/11/2023 19:44	45402 WBLO_T2	23	21	-2	0.17	0.13	-0.04	0	0	0	0	0	0	0	0
10/11/2023 20:01	59402 RFLD_T2	72	72	0	0.49	0.49	0	-0.79	-0.8	0	0	0	0	0	0
10/11/2023 20:14	56802 BENV_T2	5	139	134	0.44	0.2	-0.24	-0.76	-0.78	0	0	0	0	0	0
10/11/2023 20:18	28805 LAKE_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/11/2023 20:22	26401 INOR_T1	0	0	0	0	0	0	0.23	0.22	0	0	0	0	0	0
10/11/2023 20:24	61303 EARL_T1	0	0	0	0	0	0	0.23	0.2	0	0	0	0	0	0
10/11/2023 20:25	65604 QVIL_T2	0	0	0	0	0	0	0.27	0.23	0	0	0	0	0	0
10/11/2023 20:26	29401 BELT_T1	83	94	11	0.25	0.29	0.04	0	0	0	0	0	0	0	0
10/11/2023 20:27	56802 BENV_T2	95	144	49	0.19	0.2	0.01	-0.76	-0.78	0	0	0	0	0	0
10/11/2023 20:28	29401 BELT_T1	83	94	11	0.25	0.29	0.04	0	0	0	0	0	0	0	0
10/11/2023 20:28	60101 COCA_T1	0	0	0	0	0	0	0.28	0.21	0	0	0	0	0	0
10/11/2023 20:28	17805 GILB_T2	0	0	0	0	0	0	-0.22	-0.22	0	0	0	0	0	0
10/11/2023 20:28	66505 SMAN_T2	3	3	0	0.17	0.83	0.66	-0.25	-0.26	2	2	0	1100	1100	0
10/11/2023 20:29	60803 BUCK_T1	0	0	0	0	0	0	-0.95	-0.95	1	1	0	600	600	0
10/11/2023 20:29	10801 CHHI_T1	0	0	0	0	0	0	-1	-1.01	1	1	0	900	900	0
10/11/2023 20:30	67502 WEWI_T2	108	0	-108	0.21	0	-0.21	0	0	0	0	0	0	0	0
10/11/2023 20:30	13503 MCMI_T2	0	0	0	0	0	0	-0.04	-0.01	0	0	0	0	0	0
10/11/2023 20:30	61303 EARL_T1	0	0	0	0	0	0	0.2	0.16	0	0	0	0	0	0
10/11/2023 20:31	60803 BUCK_T1	0	0	0	0	0	0	-0.95	-0.95	1	1	0	600	600	0
10/11/2023 20:31	56603 HAMP_T1	67	97	30	0.22	0.24	0.02	0	0	0	0	0	0	0	0
10/11/2023 20:31	16402 MOPO_T1	0	0	0	0	0	0	0.69	0.68	0	0	0	0	0	0
10/11/2023 20:31	52006 LING_T2	3	3	0	1.1	1.23	0.13	0	0	0	0	0	0	0	0
10/11/2023 20:31	67502 WEWI_T2	108	0	-108	0.21	0	-0.21	0	0	0	0	0	0	0	0
10/11/2023 20:31	15001 BLMO_T1	1	1	0	0.4	1.5	1.1	0	0	0	0	0	0	0	0
10/11/2023 20:31	51604 DUKE_T2	20	32	12	0.18	0.2	0.02	-1.73	-1.71	1	1	0	900	900	0
10/11/2023 20:32	25801 SUTR_T2	0	0	0	0	0	0	-0.04	-0.04	0	0	0	0	0	0
10/11/2023 20:32	53903 HALI_T2	2	2	0	1.2	1.2	0	-0.18	-0.11	0	0	0	0	0	0
10/11/2023 20:32	14404 SSLA_T1	0	1	1	0	0.2	0.2	0	0	0	0	0	0	0	0
10/11/2023 20:32	39601 LNFD

10/11/2023 20:39	15001 BLMO_T1	1	1	0	0.4	1.5	1.1	0	0	0	0	0	0	0	0
10/11/2023 20:39	64802 MONE_T2	0	0	0	0	0	0	0.22	0.23	0	0	0	0	0	0
10/11/2023 20:39	46203 DANV_T2	5	27	22	0.2	0.2	0	-0.13	-0.11	0	0	0	0	0	0
10/11/2023 20:39	59101 WALK_T2	1	1	0	0	0	0	2.2	2.54	0	0	0	0	0	0
10/11/2023 20:40	49803 UNIV_T1	3	0	-3	0.1	0	-0.1	-1.22	0.15	0	0	0	0	0	0
10/11/2023 20:40	42802 SELI_T1	1	1	0	0.6	1	0.4	-1.36	-1.36	0	0	0	0	0	0
10/11/2023 20:40	43304 WATS_T2	0	0	0	0	0	0	-0.18	-0.17	0	0	0	0	0	0
10/11/2023 20:40	58402 MORO_T1	0	0	0	0	0	0	-2.2	-2.28	4	4	0	3000	3000	0
10/11/2023 20:40	13704 SCHN_T2	3	4	1	0.1	0.18	0.08	-0.45	-0.43	0	0	0	0	0	0
10/11/2023 20:40	14404 SSLA_T1	0	1	1	0	0.2	0.2	0	0	0	0	0	0	0	0
10/11/2023 20:40	42701 AUGU_T1	1	1	0	0.3	0.5	0.2	0	0	2	2	0	1800	1800	0
10/11/2023 20:40	45802 HEGI_T2	0	0	0	0	0	0	1.16	1.02	0	0	0	0	0	0
10/11/2023 20:40	61802 EEU_T2	3	29	26	0.1	0.12	0.02	0	0	0	0	0	0	0	0
10/11/2023 20:40	46001 BERW_T1	0	0	0	0	0	0	0.79	0.81	0	0	0	0	0	0
10/11/2023 20:40	46602 LACR_T1	0	0	0	0	0	0	-0.22	-0.16	0	0	0	0	0	0
10/11/2023 20:40	20603 GRWO_T2	12	18	6	0.13	0.16	0.03	0.36	0.33	0	0	0	0	0	0
10/11/2023 20:40	40101 HUNT_T2	0	0	0	0	0	0	-0.47	-0.5	0	0	0	0	0	0
10/11/2023 20:41	52401 GRPA_T2	1	2	1	0.1	0.65	0.55	-0.48	-0.48	0	0	0	0	0	0
10/11/2023 20:41	42701 AUGU_T1	1	1	0	0.3	0.5	0.2	0	0	4	4	0	3600	3600	0
10/11/2023 20:41	20403 ASHF_T2	0	0	0	0	0	0	0.08	0.1	0	0	0	0	0	0
10/11/2023 20:41	66703 STRA_T1	1	0	-1	0.2	0	-0.2	-0.37	-0.35	0	0	0	0	0	0
10/11/2023 20:41	53601 DALM_T2	1	1	0	0.8	0.9	0.1	-0.07	-0.13	0	0	0	0	0	0
10/11/2023 20:41	56802 BENV_T2	128	173	45	0.2	0.28	0.08	-1.56	-1.64	0	0	0	0	0	0
10/11/2023 20:42	46801 HEPB_T2	2	2	0	0.65	0.75	0.1	0	0	0	0	0	0	0	0
10/11/2023 20:42	54701 NEBL_T1	4	7	3	0.4	0.56	0.16	0	0	1	1	0	600	600	0
10/11/2023 20:42	56801 BENV_T1	41	49	8	1.09	0.99	-0.1	-1.64	-1.68	2	2	0	1200	1200	0
10/11/2023 20:42	56603 HAMP_T1	67	97	30	0.22	0.24	0.02	0	0	0	0	0	0	0	0
10/11/2023 20:42	56802 BENV_T2	128	173	45	0.2	0.28	0.08	-0.78	-0.82	0	0	0	0	0	0
10/11/2023 20:43	43302 WATS_T2	4	4	0	0.48	0.3	-0.18	0	0	0	0	0	0	0	0
10/11/2023 20:43	42701 AUGU_T1	1	1	0	0.3	0.5	0.2	0	0	2	2	0	1800	1800	0
10/11/2023 20:43	46801 HEPB_T2	2	2	0	0.65	0.75	0.1	0.52	0.55	0	0	0	0	0	0
10/11/2023 20:43	43202 MVIL_T2	0	0	0	0	0	0	-0.76	-0.73	0	0	0	0	0	0
10/11/2023 20:43	64303 LINC_T1	0	0	0	0	0	0	-0.28	-0.27	0	0	0	0	0	0
10/11/2023 20:43	56803 BENV_T1	6	9	3	0.42	0.68	0.26	0	0	0	0	0	0	0	0
10/11/2023 20:44	46001 BERW_T1	0	0	0	0	0	0	0.81	0.82	0	0	0	0	0	0
10/11/2023 20:44	15001 BLMO_T1	1	1	0	0.4	1.5	1.1	0	0	0	0	0	0	0	0
10/11/2023 20:44	45702 LIND_T2	1	1	0	0.9	1.2	0.3	-0.55	-0.55	0	0	0	0	0	0
10/11/2023 20:44	56503 ROCK_T2	27	61	34	0.11	0.16	0.05	0	0	0	0	0	0	0	0
10/11/2023 20:44	45003 LIME_2	2	2	0	2.3	2.55	0.25	0	0	1	1	0	1200	1200	0
10/11/2023 20:44	56802 BENV_T2	128	173	45	0.2	0.28	0.08	-1.64	-1.56	0	0	0	0	0	0
10/11/2023 20:44	46801 HEPB_T2	2	2	0	0.65	0.75	0.1	0.55	0.54	0	0	0	0	0	0
10/11/2023 20:45	56803 BENV_T1	8	10	2	0.55	0.72	0.17	0	0	0	0	0	0	0	0
10/11/2023 20:45	42201 SHEN_T2	0	0	0	0	0	0	0.8	0.82	0	0	0	0	0	0
10/11/2023 20:45	41902 REED_T1	0	0	0	0	0	0	1.03	0.97	0	0	0	0	0	0
10/11/2023 20:45	42802 SELI_T1	1	1	0	1	1	0	-1.36	-1.4	0	0	0	0	0	0
10/11/2023 20:45	54701 NEBL_T1	7	7	0	0.44	0.57	0.13	0	0	1	1	0	600	600	0
10/11/2023 20:45	58402 MORO_T1	0	0	0	0	0	0	-1.14	-1.17	2	2	0	1500	1500	0
10/11/2023 20:46	56801 BENV_T1	48	42	-6	0.95	1.2	0.25	-0.84	-0.85	1	1	0	600	600	0
10/11/2023 20:46	42701 AUGU_T1	1	1	0	0.5	0.5	0	0	0	2	2	0	1800	1800	0
10/11/2023 20:46	45003 LIME_2	2	2	0	2.5	2.4	-0.1	0	0	1	1	0	1200	1200	0
10/11/2023 20:48	53501 EVIL_T2	0	1	1	0	0.1	0.1	-0.79	-0.75	1	1	0	600	600	0
10/11/2023 20:48	59101 WALK_T2	1	1	0	0	0	0	1.27	1.28	0	0	0	0	0	0
10/11/2023 20:50	43302 WATS_T2	4	4	0	0.28	0.48	0.2	0	0	0	0	0	0	0	0
10/11/2023 22:52	65001 NEFF_T2	0	0	0	0	0	0	-1.04	-1.11	1	1	0	1200	1200	0
10/12/2023 0:28	42901 MIDD_T2	210	284	74	0.29	0.31	0.02	0	0	0	0	0	0	0	0
10/12/2023 0:28	64305 LINC_T1	0	0	0	0	0	0	-0.74	-0.73	0	0	0	0	0	0
10/12/2023 0:28	27502 WEIS_T2	0	0	0	0	0	0	-0.37	-0.27	0	0	0	0	0	0
10/12/2023 0:28	60502 NMAN_T2	0	0	0	0	0	0	-0.71	0	0	0	0	0	0	0
10/12/2023 0:28	63203 MGTN_T1	0	0	0	0	0	0	-0.31	-0.29	1	1	0	600	600	0
10/12/2023 0:28	45003 LIME_2	1	5	4	3.8	4	0.2	0	0	0	0	0	0	0	0
10/12/2023 0:28	47802 MOCA_T2	0	0	0	0	0	0	-1.14	-1.13	0	0	0	0	0	0
10/12/2023 0:28	52402 GRPA_T2	2	2	0	1.95	1.9	-0.05	0	0	0	0	0	0	0	0
10/12/2023 0:28	17804 GILB_T2	0	0	0	0	0	0	0	-0.63	0	0	0	0	0	0
10/12/2023 0:28	24901 WHHA_T1	0	0	0	0	0	0	0.7	0.76	0	0	0	0	0	0
10/12/2023 0:28	56503 ROCK_T2	185	194	9	0.24	0.3	0.06	0	0	0	0	0	0	0	0
10/12/2023 0:28	67201 TEHI_T1	0	0	0	0	0	0	0.2	0.18	0	0	0	0	0	0
10/12/2023 0:28	17802 GILB_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/12/2023 0:28	66504 SMAN_T2	0	0	0	0	0	0	-0.66	-0.6	0	0	0	0	0	0
10/12/2023 0:28	28604 BLYT_T2	0	0	0	0	0	0	-2.94	-3	0	0	0	0	0	0
10/12/2023 0:28	23401 HONE_T2	0	0	0	0	0	0	-0.77	-0.78	0	0	0	0	0	0
10/12/2023 0:28	56802 BENV_T2	1	1	0	0.3	0.2	-0.1	-2.55	-2.52	0	0	0	0	0	0
10/12/2023 0:28	67201 TEHI_T1	0	0	0	0	0	0	0.2	0.18	0	0	0	0	0	0
10/12/2023 0:28	41901 REED_T1	0	0	0	0	0	0	-1.44	-1.4	1	1	0	900	900	0
10/12/2023 0:28	45902 AUBU_T1	0	0	0	0	0	0	0	0	2	2	0	1200	1200	0
10/12/2023 0:28	16402 MOPO_T1	0	0	0	0	0	0	0.52	0.54	0	0	0	0	0	0
10/12/2023 0:28	43202 MVIL_T2	0	0	0	0	0	0	-0.8	-0.79	0	0	0	0	0	0
10/12/2023 0:28	67502 WEWI_T2	0	0	0	0	0	0	-1.65	-1.67	1	1	0	900	900	0
10/12/2023 0:28	29401 BELT_T1	0	0	0	0	0	0	0	0	3	3	0	2700	2700	0
10/12/2023 0:28	43301 WATS_T2	0	0	0	0	0	0	0.2	0.23	0	0	0	0	0	0
10/12/2023 0:28	44601 SALE_T2	0	0	0	0	0	0	-0.19	-0.18	0	0	0	0	0	0
10/12/2023 0:28	24901 WHHA_T1	0	0	0	0	0	0	0.7	0.76	0	0	0	0	0	0
10/12/2023 0:28	40101 HUNT_T2	0	0	0	0	0	0	-1.34	-1.4	0	0	0	0	0	0
10/12/2023 0:28	42903 MIDD_T2	24	18	-6	0.37	0.44	0.07	-0.49	-0.38	0	0	0	0	0	0
10/12/2023 0:28	15103 UPHA_T2	0	0	0	0	0	0	0.23	0.22	0	0	0	0	0	0
10/12/2023 0:28	67502 WEWI_T2	0	0	0	0	0	0	-1.65	-1.67	1	1	0	900	900	0
10/12/2023 0:28	60801 BUCK_T1	0	0	0	0	0	0	-0.26	-0.29	0	0	0	0	0	0
10/12/2023 0:28	41901 REED_T1	0	0	0	0	0	0	-1.44	-1.4	1	1	0	900	900	0
10/12/2023 0:28	29401 BELT_T1	0	0	0	0	0	0	0	0	3	3	0	2700	2700	0
10/12/2023 0:28	15001 BLMO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/12/2023 0:28	43301 WATS_T2	0	0	0	0	0	0	0.2	0.23	0	0	0	0	0	0
10/12/2023 0:28	59302 MCAL_T1	1	1	0	1.8	1.8	0	0.21	0.21	0	0	0	0	0	0
10/12/2023 0:28	45402 WBLO_T2	1	1	0	0.8	1.2	0.4	-0.95	-0.94	0	0	0	0	0	0
10/12/2023 0:28	44302 BEAV_T2	98	117	19	0.21	0.24	0.03	0.46	0.48	0	0	0	0	0	0
10/12/2023 0:28	43402 BENT_T1	0	0	0	0	0	0	-0.99	-1.63	2	2	0	1500	1500	0
10/12/2023 0:28	49804 UNIV_T1	1	2	1	0.5	0.7	0.2	0	0	0	0	0	0	0	0
10/12/2023 0:28	43001 ALWD_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/12/2023 0:28	56801 BENV_T1	23	23	0	0.84	0.94	0.1	-0.87	-0.93	0	0	0	0	0	0
10/12/2023 0:28	41801 GOCI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/12/2023 0:28	26603 BROO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/12/2023 0:28	46001 BERW_T1	0	0	0	0	0	0	0.63	0.64	0	0	0	0	0	0
10/12/2023 0:51	66504 SMAN_T2	0	0	0	0	0	0	-0.66	-0.64	0	0	0	0	0	0
10/12/2023 0:56	28805 LAKE_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/12/2023 1:15	20403 ASHF_T2	0	0	0	0	0	0	-0.07	-0.06	0	0	0	0	0	0
10/12/2023 1:18	14403 SSLA_T1	0	0	0	0	0	0	0.53	0.52	0	0	0	0	0	0
10/12/2023 1:28	65001 NEFF_T2	0	4	4	0	0.13	0.13	-1.28	-1.27	1	1	0	1200	1200	0
10/12/2023 6:49	65003 NEFF_T2	0	2	2	0	0.1	0.1	0	0	0	0	0	0	0	0
10/12/2023 7:11	46203 DANV_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/12/2023 7:20	54701 NEBL_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/12/2023 8:03	65001 NEFF_T2	0	0	0	0	0	0	-0.59	-0.55	1	1	0	1200	1200	0
10/12/2023 8:13	46203 DANV_T2	0	0	0	0	0	0	-0.12	-0.13	0	0	0	0	0	0
10/12/2023 8:18	58402 MORO_T1	0	0	0	0	0	0	-4.16	-4.12	6	6	0	4800	4800	0
10/12/2023 8:20	54701 NEBL_T1	0	0	0	0	0	0	0	0	1	1	0	600	600	0
10/12/2023 8:27	45802 HEGI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/12/2023 8:37	67401 WAKE_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/12/2023 8:40	43304 WATS_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/12/2023 8:40	53601 DALM_T2	1	1	0	0.5	1.1	0.6	-0.27	-0.11	0	0	0	0	0	0
10/12/2023 8:46	47101 MARL_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/12/2023 8:49	64101 REFR_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/12/2023 8:49	47101 MARL_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/12/2023 8:51	44203 POIN_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/12/2023 8:54	56802 BENV_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/12/2023 8:54	59101 WALK_T2	1	3	2	0.2	0	0	2.37	2.36	0	0	0	0	0	0
10/12/2023 8:55	56802 BENV_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/12/2023 8:56	56802 BENV_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/12/2023 8:57	56802 BENV_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/12/2023 8:57	45902 AUBU_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/12/2023 9:03	44601 SALE_T2	0	0	0	0	0	0	1.17	0.98	1	1	0	600	600	0
10/12/2023 9:05	44201 POIN_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/12/2023 9:05	44601 SALE_T2	0	0	0	0	0	0	1.17	0.98	1	1	0	600	600	0
10/12/2023 9:07	45902 AUBU_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/12/2023 9:11	26603 BROO_T1	0	2	2	0	0.3	0.3	0.33	0.32	0	0	0	0	0	0
10/12/2023 9:13	46801 HEPB_T2	2	2	0	0.65	0.75	0.1	0.6	0.56	0	0	0	0	0	0
10/12/2023 9:14	53501 EVIL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/12/2023 9:17	40602 PIGR_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/12/2023 9:18	13701 SCHN_T2	5	8	3	0.14	0.15	0.01	0	0	0	0	0	0	0	0
10/12/2023 9:19	25801 SUTR_T2	0	0	0	0	0	0	-0.1	-0.09	0	0	0	0	0	0
10/12/2023 9:19	14401 SSLA_T1	1	3	2	0.2	0.23	0.03	0	0	0	0	0	0	0	0
10/12/2023 9:20	67502 WEWI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/12/2023 9:21	14401 SSLA_T1	1	3	2	0.2	0.23	0.03	0	0	0	0	0	0	0	0
10/12/2023 9:21	40602 PIGR_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/12/2023 9:21	43301 WATS_T2	1	1	0	0.6	0.5	-0.1	0	0	0	0	0	0	0	0
10/12/2023 9:25	56802 BENV_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/12/2023 9:27	45802 HEGI_T2	0	0	0	0	0	0	1.47	1.57	0	0	0	0	0	0
10/12/2023 9:29	42001 MNVL_T2	1	0	-1	0.2	0	-0.2	0.01	0.01	0	0	0	0	0	0
10/12/2023 9:31	49803 UNIV_T1	0	0	0	0	0	0	-1.11	-1.15	0	0	0	0	0	0
10/12/2023 9:32	66703 STRA_T1	0	0	0	0	0	0	-0.16	-0.15	0	0	0	0	0	0
10/12/2023 9:34	43202 MVIL_T2	0	0	0	0	0	0	-0.66	-0.63	0	0	0	0	0	0
10/12/2023 9:35	43202 MVIL_T2	0	0	0	0	0	0	-0.66	-0.63	0	0	0	0	0	0
10/12/2023 9:35	43304 WATS_T2	0	0	0	0	0	0	0.11	-0.51	1	0	-1	600	0	-600
10/12/2023 9:37	29402 BELT_T1	4	3	-1	2.48	3.07	0.59	0	0	0	0	0	0	0	0
10/12/2023 9:37	42201 SHEN_T2	0	0	0	0	0	0	-0.18	-0.15	1	1	0	600	600	0
10/12/2023 9:37	29402 BELT_T1	4	3	-1	2.48	3.07	0.59	0	0	0	0	0	0	0	0
10/12/2023 9:37	15001 BLMO_T1	0	3	3	0	0.17	0.17	0	0	0	0	0	0	0	0
10/12/2023 9:38	29401 BELT_T1	109	120	11	0.31	0.33	0.02	0	0	1	1	0	900	900	0
10/12/2023 9:42	10801 CHHI_T1	1	2	1	0.1	0.1	0	-0.94	-0.93	1	1	0	900	900	0
10/12/2023 9:42	46203 DANV_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/12/2023 9:43	47101 MARL_T1	0	0	0	0	0	0	-0.14	-0.15	0	0	0	0	0	0
10/12/2023 9:43	26401 INOR_T1	3	1	-2	0.13	0	-0.13	0.29	0.44	0	0	0	0	0	0
10/12/2023 9:44	40101 HUNT_T2	0	0	0	0	0	0	-0.16	-0.23	0	0	0	0	0	0
10/12/2023 9:44	41801 GOCI_T2	0	2	2	0	0.25	0.25	0	0	0	0	0	0	0	0
10/12/2023 9:45	47101 MARL_T1	0	0	0	0	0	0	-0.15	0.01	0	0	0	0	0	0
10/12/2023 9:45	41801 GOCI_T2	2	2	0	0.25	0.15	-0.1	0	0	0	0	0	0	0	0
10/12/2023 9:45	53903 HAU_T2	2	5	3	1.6	0.78	-0.82	-0.08	-0.06	0	0	0	0	0	0
10/12/2023 9:46	40902 JESH_T1	0	2	2	0	0	0	0.12	0.16	1	1	0	600	600	0
10/12/2023 9:48	64101 REFR_T1	0	0	0	0	0	0	0.06	0	0	0	0	0	0	0
10/12/2023 9:48	47101 MARL_T1	0	0	0	0	0	0	-0.15	0.01	0	0	0	0	0	0
10/12/2023 9:49	44203 POIN_T2	0	2	2	0	0	0	0	-0.21	2	2	0	2100	2100	0
10/12/2023 9:49	64101 REFR_T1	0	0	0	0	0	0	0.06	0	0	0	0	0	0	0
10/12/2023 9:49	41901 REED_T1	3	3	0	0.33	0.27	-0.06	-1.32	-1.28	1	1	0	900	900	0
10/12/2023 9:50	67203 TEHI_T1	1	1	0	0	0	0	2.34	2.41	3	3	0	2400	2400	0
10/12/2023 9:51	64101 REFR_T1	0	0	0	0	0	0	0.03	0	0	0	0	0	0	0
10/12/2023 9:51	45902 AUBU_T1	0	0	0	0	0	0	0	0	1	1	0	600	600	0
10/12/2023 9:52	29401 BELT_T1	120	16	-104	0.33	0.13	-0.2	0	0	0	0	0	0	0	0
10/12/2023 9:52	56802 BENV_T2	13	2	-11	0.35	0.5	0.15	-1.72	-1.64	0	0	0	0	0	0
10/12/2023 9:53	56802 BENV_T2	13	2	-11	0.35	0.5	0.15	-0.86	-0.82	0	0	0	0	0	0
10/12/2023 9:54	56802 BENV_T2	13	2	-11	0.35	0.5	0.15	-0.86	-0.82	0	0	0	0	0	0
10/12/2023 9:54	20403 ASHF_T2	0	6	6	0	0.28	0.28	1.28	1.24	0	0	0	0	0	0
10/12/2023 9:55	56802 BENV_T2	13	2	-11	0.35	0.5	0.15	-0.86	-0.82	0	0	0	0	0	0
10/12/2023 9:55	15001 BLMO_T1	3	0	-3	0.17	0	-0.17	0	0	0	0	0	0	0	0
10/12/2023 9:55	45902 AUBU_T1	0	0	0	0	0	0	0	0	1	1	0	600	600

10/12/2023 10:03	44201 POIN_T1	0	0	0	0	0	0	-0.77	-0.79	2	2	0	2100	2100	0
10/12/2023 10:05	64101 REFR_T1	0	0	0	0	0	0	0	0.07	0	0	0	0	0	0
10/12/2023 10:06	43304 WATS_T2	0	0	0	0	0	0	-0.52	-0.54	0	0	0	0	0	0
10/12/2023 10:06	45902 AUBU_T1	0	0	0	0	0	0	0	0	1	1	0	600	600	0
10/12/2023 10:06	52403 GRPA_T2	0	0	0	0	0	0	-0.01	0.02	0	0	0	0	0	0
10/12/2023 10:07	64101 REFR_T1	0	0	0	0	0	0	0	0.07	0	0	0	0	0	0
10/12/2023 10:07	45902 AUBU_T1	0	0	0	0	0	0	0	0	1	1	0	600	600	0
10/12/2023 10:07	60801 BUCK_T1	1	0	-1	0.1	0	-0.1	0.12	0.21	0	0	0	0	0	0
10/12/2023 10:08	10801 CHHI_T1	1	5	4	0.1	0.3	0.2	-0.94	-0.96	1	1	0	900	900	0
10/12/2023 10:08	15001 BLMO_T1	0	2	2	0	0.15	0.15	0	0	0	0	0	0	0	0
10/12/2023 10:08	29401 BELT_T1	16	0	-16	0.13	0	-0.13	0	0	0	0	0	0	0	0
10/12/2023 10:09	56803 BENV_T1	1	1	0	0.2	0.1	-0.1	0	0	0	0	0	0	0	0
10/12/2023 10:09	20403 ASHF_T2	0	9	9	0	0.49	0.49	1.24	1.19	0	0	0	0	0	0
10/12/2023 10:09	26603 BROO_T1	1	1	0	0.2	0	-0.2	0.34	0.31	0	0	0	0	0	0
10/12/2023 10:09	44802 EDAN_T2	0	0	0	0	0	0	-4.22	-4.38	2	2	0	2400	2400	0
10/12/2023 10:09	29402 BELT_T1	2	2	0	4.5	4.35	-0.15	0	0	0	0	0	0	0	0
10/12/2023 10:09	59101 WALK_T2	1	1	0	0	0	0	2.36	1.93	0	0	0	0	0	0
10/12/2023 10:10	20403 ASHF_T2	0	9	9	0	0.49	0.49	1.24	1.19	0	0	0	0	0	0
10/12/2023 10:10	53502 EVIL_T2	0	1	1	0	0.1	0.1	0	0	0	0	0	0	0	0
10/12/2023 10:10	15001 BLMO_T1	0	2	2	0	0.15	0.15	0	0	0	0	0	0	0	0
10/12/2023 10:10	45402 WBLO_T2	1	1	0	1.2	1.6	0.4	0	0	0	0	0	0	0	0
10/12/2023 10:11	46801 HEPB_T2	2	2	0	0.55	0.55	0	0.53	0.55	0	0	0	0	0	0
10/12/2023 10:11	53502 EVIL_T2	0	1	1	0	0.1	0.1	0	0	0	0	0	0	0	0
10/12/2023 10:11	56801 BENV_T1	44	48	4	0.9	0.74	-0.16	-0.86	-0.86	1	1	0	600	600	0
10/12/2023 10:12	46203 DANV_T2	0	0	0	0	0	0	-0.16	-0.12	0	0	0	0	0	0
10/12/2023 10:12	28403 HART_T2	0	0	0	0	0	0	-1.03	-1.03	1	1	0	900	900	0
10/12/2023 10:13	53501 EVIL_T2	1	2	1	0.1	0.1	0	0.33	0.22	1	1	0	600	600	0
10/12/2023 10:13	44802 EDAN_T2	0	0	0	0	0	0	-2.11	-2.19	1	1	0	1200	1200	0
10/12/2023 10:13	49804 UNIV_T1	0	1	1	0	0.2	0.2	0	0	0	0	0	0	0	0
10/12/2023 10:13	23401 HONE_T2	0	0	0	0	0	0	-0.18	-0.23	0	0	0	0	0	0
10/12/2023 10:13	64301 LINC_T1	0	0	0	0	0	0	-0.01	-0.01	1	1	0	600	600	0
10/12/2023 10:13	46203 DANV_T2	0	0	0	0	0	0	-0.16	-0.12	0	0	0	0	0	0
10/12/2023 10:14	45802 HEGI_T2	0	1	1	0	0	0	1.43	1.49	0	0	0	0	0	0
10/12/2023 10:14	53903 HAU_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/12/2023 10:16	42001 MNVL_T2	0	0	0	0	0	0	0.03	0.04	0	0	0	0	0	0
10/12/2023 10:16	51201 MTON_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/12/2023 10:16	64303 LINC_T1	0	0	0	0	0	0	-0.23	-0.25	0	0	0	0	0	0
10/12/2023 10:16	46803 HEPB_T2	0	0	0	0	0	0	0.44	0.41	0	0	0	0	0	0
10/12/2023 10:16	43202 MVIL_T2	0	0	0	0	0	0	-0.65	-0.66	0	0	0	0	0	0
10/12/2023 10:16	54701 NEBL_T1	0	0	0	0	0	0	0	0	1	1	0	600	600	0
10/12/2023 10:17	43202 MVIL_T2	0	0	0	0	0	0	-0.65	-0.66	0	0	0	0	0	0
10/12/2023 10:17	64801 MONE_T2	2	2	0	0.1	0.2	0.1	0	0	0	0	0	0	0	0
10/12/2023 10:18	66501 SMAN_T2	2	2	0	0.3	0.35	0.05	0	0	0	0	0	0	0	0
10/12/2023 10:18	65604 QVIL_T2	0	0	0	0	0	0	0.33	0.33	0	0	0	0	0	0
10/12/2023 10:19	14404 SSLA_T1	6	18	12	0.15	0.29	0.14	0	0	0	0	0	0	0	0
10/12/2023 10:19	17805 GILB_T2	0	1	1	0	0.6	0.6	0	0	0	0	0	0	0	0
10/12/2023 10:20	65604 QVIL_T2	0	0	0	0	0	0	0.33	0.33	0	0	0	0	0	0
10/12/2023 10:21	66501 SMAN_T2	2	2	0	0.3	0.35	0.05	0	0	0	0	0	0	0	0
10/12/2023 10:21	67502 WEWI_T2	13	16	3	0.23	0.33	0.1	-0.47	-0.47	0	0	0	0	0	0
10/12/2023 10:21	66701 STRA_T1	1	1	0	1.3	1.6	0.3	0	0	0	0	0	0	0	0
10/12/2023 10:21	67502 WEWI_T2	13	16	3	0.23	0.33	0.1	-0.47	-0.47	0	0	0	0	0	0
10/12/2023 10:21	56802 BENV_T2	1	1	0	0.8	1	0.2	-0.83	-0.81	0	0	0	0	0	0
10/12/2023 10:21	42204 SHEN_T2	0	7	7	0	0	0	0	0	0	0	0	0	0	0
10/12/2023 10:22	56802 BENV_T2	1	1	0	0.8	1	0.2	-0.83	-0.81	0	0	0	0	0	0
10/12/2023 10:22	67503 WEWI_T2	0	1	1	0	0	0	0	0	0	0	0	0	0	0
10/12/2023 10:23	14401 SSLA_T1	2	4	2	0.15	0.43	0.28	0	0	0	0	0	0	0	0
10/12/2023 10:23	15001 BLMO_T1	0	4	4	0	0.35	0.35	0	0	0	0	0	0	0	0
10/12/2023 10:24	56802 BENV_T2	1	1	0	0.8	1	0.2	-1.66	-1.62	0	0	0	0	0	0
10/12/2023 10:24	67502 WEWI_T2	13	16	3	0.23	0.33	0.1	-0.16	-0.16	0	0	0	0	0	0
10/12/2023 10:24	61801 EELI_T2	2	3	1	1.1	0.77	-0.33	-0.23	-0.21	0	0	0	0	0	0
10/12/2023 10:25	53601 DALM_T2	1	1	0	0.4	0.8	0.4	-0.26	-0.25	0	0	0	0	0	0
10/12/2023 10:26	15001 BLMO_T1	0	4	4	0	0.35	0.35	0	0	0	0	0	0	0	0
10/12/2023 10:26	56802 BENV_T2	1	1	0	0.8	1	0.2	-1.66	-1.62	0	0	0	0	0	0
10/12/2023 10:28	46801 HEPB_T2	2	2	0	0.55	0.5	-0.05	0.55	0.58	0	0	0	0	0	0
10/12/2023 10:28	17805 GILB_T2	0	1	1	0	0.6	0.6	-0.14	-0.1	0	0	0	0	0	0
10/12/2023 10:28	17802 GILB_T1	0	1	1	0	0.1	0.1	0.08	0.08	0	0	0	0	0	0
10/12/2023 10:29	52403 GRPA_T2	0	0	0	0	0	0	0.02	0	0	0	0	0	0	0
10/12/2023 10:29	43402 BENT_T1	0	0	0	0	0	0	-1.29	-1.28	2	2	0	1500	1500	0
10/12/2023 10:29	39601 LNFD_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/12/2023 10:30	12701 MACU_T1	0	0	0	0	0	0	0.08	0.07	0	0	0	0	0	0
10/12/2023 10:31	12701 MACU_T1	0	0	0	0	0	0	0.08	0.07	0	0	0	0	0	0
10/12/2023 10:34	54001 SDLE_T1	4	4	0	0.35	0.35	0	0	0	0	0	0	0	0	0
10/12/2023 10:35	56501 ROCK_T2	6	6	0	0.32	0.48	0.16	-0.43	-0.41	0	0	0	0	0	0
10/12/2023 10:35	65005 NEFF_T2	1	1	0	0.2	0.4	0.2	0	0	0	0	0	0	0	0
10/12/2023 10:35	54001 SDLE_T1	4	4	0	0.35	0.35	0	0	0	0	0	0	0	0	0
10/12/2023 10:36	42701 AUGU_T1	1	1	0	0.4	0.5	0.1	0	0	2	2	0	1800	1800	0
10/12/2023 10:37	54001 SDLE_T1	4	4	0	0.35	0.35	0	0	0	0	0	0	0	0	0
10/12/2023 10:39	56802 BENV_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/12/2023 10:40	42701 AUGU_T1	1	1	0	0.4	0.5	0.1	0	0	2	2	0	1800	1800	0
10/12/2023 10:41	56801 BENV_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/12/2023 10:42	41801 GOCI_T2	0	3	3	0	0.17	0.17	0	0	0	0	0	0	0	0
10/12/2023 10:43	65001 NEFF_T2	0	0	0	0	0	0	-0.29	-0.53	1	1	0	1200	1200	0
10/12/2023 10:45	58401 MORO_T1	0	1	1	0	0.2	0.2	0	0	0	0	0	0	0	0
10/12/2023 10:46	52004 LING_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/12/2023 10:48	64305 LINC_T1	0	0	0	0	0	0	-0.05	0.02	0	0	0	0	0	0
10/12/2023 10:49	13105 NHAM_T2	0	0	0	0	0	0	-0.41	-0.35	1	1	0	1200	1200	0
10/12/2023 10:51	67503 WEWI_T2	0	1	1	0	0.1	0.1	-0.27	-0.29	0	0	0	0	0	0
10/12/2023 10:52	28604 BLYT_T2	0	1	1	0	0.2	0.2	-1.45	-1.41	0	0	0	0	0	0
10/12/2023 10:53	28604 BLYT_T2	0	1	1	0	0.2	0.2	-1.45	-1.41	0	0	0	0	0	0
10/12/2023 10:54	15001 BLMO_T1	4	2	-2	0.35	0.15	-0.2	0	0	0	0	0	0	0	0
10/12/2023 10:55	15001 BLMO_T1	4	2	-2	0.35	0.15	-0.2	0	0	0	0	0	0	0	0
10/12/2023 10:56	60803 BUCK_T1	0	0	0	0	0	0	-1.92	-1.92	2	2	0	1200	1200	0
10/12/2023 10:57	28403 HART_T2	0	1	1	0	0.1	0.1	-1.05	-1.08	1	1	0	900	900	0
10/12/2023 10:58	40103 HUNT_T2	0	1	1	0	0	0	-0.2	-0.16	0	0	0	0	0	0
10/12/2023 10:59	40902 JESH_T1	0	0	0	0	0	0	0.06	0.01	1	1	0	600	600	0
10/12/2023 10:59	64801 MONE_T2	2	3	1	0.2	0.13	-0.07	0.22	0.27	0	0	0	0	0	0
10/12/2023 11:00	45702 LIND_T2	0	3	3	0	0.83	0.83	-0.41	-0.52	0	0	0	0	0	0
10/12/2023 11:01	46801 HEPB_T2	2	6	4	0.55	0.5	-0.05	0.58	0.62	0	0	0	0	0	0
10/12/2023 11:01	49803 UNIV_T1	0	2	2	0	1.05	1.05	-1.11	-1.09	0	0	0	0	0	0
10/12/2023 11:02	40101 HUNT_T2	0	1	1	0	0	0	-0.16	-0.12	0	0	0	0	0	0
10/12/2023 11:02	58402 MORO_T1	2	0	-2	0.1	0	-0.1	-1.98	-1.99	3	3	0	2400	2400	0
10/12/2023 11:03	59301 MCAL_T1	5	2	-3	0.52	0.7	0.18	0	0	0	0	0	0	0	0
10/12/2023 11:03	51604 DUKE_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/12/2023 11:04	44601 SALE_T2	0	0	0	0	0	0	1.09	1.2	1	1	0	600	600	0
10/12/2023 11:05	66502 SMAN_T2	1	1	0	0.2	0.2	0	0	0	0	0	0	0	0	0
10/12/2023 11:05	67503 WEWI_T2	0	1	1	0	0.1	0.1	-0.29	-0.28	0	0	0	0	0	0
10/12/2023 11:05	59101 WALK_T2	1	1	0	0	0	0	2.25	2.2	0	0	0	0	0	0
10/12/2023 11:05	24902 WHHA_T1	0	144	144	0	0.22	0.22	0.47	0.42	0	0	0	0	0	0
10/12/2023 11:06	44601 SALE_T2	0	0	0	0	0	0	1.09	1.2	1	1	0	600	600	0
10/12/2023 11:07	46001 BERW_T1	0	0	0	0	0	0	0.94	0.93	0	0	0	0	0	0
10/12/2023 11:07	29401 BELT_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/12/2023 11:07	45402 WBLO_T2	4	3	-1	0.48	0.5	0.02	-0.83	-0.78	0	0	0	0	0	0
10/12/2023 11:08	24902 WHHA_T1	0	144	144	0	0.22	0.22	0	0	0	0	0	0	0	0
10/12/2023 11:09	24902 WHHA_T1	0	144	144	0	0.22	0.22	0	0	0	0	0	0	0	0
10/12/2023 11:09	59101 WALK_T2	1	1	0	0	0	0	4.5	4.4	0	0	0	0	0	0
10/12/2023 11:10	46001 BERW_T1	0	0	0	0	0	0	0.94	0.93	0	0	0	0	0	0
10/12/2023 11:10	29402 BELT_T1	3	6	3	3.23	1.73	-1.5	0	0	0	0	0	0	0	0
10/12/2023 11:14	53903 HAU_T2	2	3	1	1	0.7	-0.3	0	0	0	0	0	0	0	0
10/12/2023 11:14	54505 ENOL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/12/2023 11:15	46801 HEPB_T2	3	10	7	0.73	0.36	-0.37	0.62	0.58	0	0	0	0	0	0
10/12/2023 11:15	53903 HAU_T2	2	3	1	0.95	0.7	-0.25	-0.06	-0.08	0	0	0	0	0	0
10/12/2023 11:17	52404 GRPA_T2	0	1	1	0	0.2	0.2	0	0	0	0	0	0	0	0
10/12/2023 11:17	52004 LING_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/12/2023 11:18	52404 GRPA_T2	0	1	1	0	0.2	0.2	0	0	0	0	0	0	0	0
10/12/2023 11:18	12701 MACU_T1	0	0	0	0	0	0	0.16	0.12	0	0	0	0	0	0
10/12/2023 11:19	13704 SCHN_T2	5	5	0	0.28	0.28	0	-0.3	-0.34	0	0	0	0	0	0
10/12/2023 11:19	64101 REFR_T1	0	0	0	0	0	0	0.04	0.05	0	0	0	0	0	0
10/12/2023 11:20	24902 WHHA_T1	118	136	18	0.21	0.22	0.01	0	0	0	0	0	0	0	0
10/12/2023 11:21	24902 WHHA_T1	118	136	18	0.21	0.22	0.01	0.42	0.46	0	0	0	0	0	0
10/12/2023 11:21	43001 ALWD_T1	19	27	8	0.33	0.48	0.15	0	0	1	1	0	1200	1200	0
10/12/2023 11:23	67401 WAKE_T2	7	6	-1	0.27	0.38	0.11	-1.09	-1.12	0	0	0	0	0	0
10/12/2023 11:24	54504 ENOL_T2	1	1	0	0.3	0.5	0.2	0	0	0	0	0	0	0	0
10/12/2023 11:24	16103 BING_T2	1	1	0	1.1	1.2	0.1	0	0	0	0	0	0	0	0
10/12/2023 11:25	43001 ALWD_T1	19	27	8	0.33	0.48	0.15	0	0	1	1	0	1200	1200	0
10/12/2023 11:30	23402 HONE_T2	0	0	0	0	0	0	0.68	0.59	0	0	0	0	0	0
10/12/2023 11:33	52402 GRPA_T2	12	31	19	0.62	0.56	-0.06	0	0	0	0	0	0	0	0
10/12/2023 11:33	52401 GRPA_T2	0	2	2	0	0.3	0.3	0	0	0	0	0	0	0	0
10/12/2023 11:33	64101 REFR_T1	0	0	0	0	0	0	0.1	0.12	0	0	0	0	0	0
10/12/2023 11:33	54001 SDLE_T1	7	6	-1	0.79	0.82	0.03	0	0	0	0	0	0	0	0
10/12/2023 11:34	42802 SELI_T1	1	1	0	0.4	0.5	0.1	-1.14	-1.13	0	0	0	0	0	0
10/12/2023 11:34	64101 REFR_T1	0	0	0	0	0	0	0.14	0.17	0	0	0	0	0	0
10/12/2023 11:34	54206 PENN_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/12/2023 11:35	14402 SSLA_T1	9	13	4	0.42	0.36	-0.06	0	0	0	0	0	0	0	0
10/12/2023 11:35	54001 SDLE_T1	7	6	-1	0.79	0.82	0.03	0	0	0	0	0	0	0	0
10/12/2023 11:35	65604 QVIL_T2	0	0	0	0	0	0	0.37	0.4	0	0	0	0	0	0
10/12/2023 11:36	52403 GRPA_T2	3	4	1	1.3	0.83	-0.47	0	0	0	0	0	0	0	0
10/12/2023 11:36	40301 TAMA_T3	1	1	0	0	0	0	0	0	0	0	0	0	0	0
10/12/2023 11:36	64101 REFR_T1	0	0	0	0	0	0	0.05	0.06	0	0	0	0	0	0
10/12/2023 11:36	42802 SELI_T1	1	1	0	0.4	0.5	0.1	-1.14	-1.13	0	0	0	0	0	0
10/12/2023 11:36	65604 QVIL_T2	0	0	0	0	0	0	0.37	0.4	0	0	0	0	0	0
10/12/2023 11:37	14402 SSLA_T1	9	13	4	0.42	0.36	-0.06	0	0	0	0	0	0	0	0
10/12/2023 11:37	54001 SDLE_T1	7	6	-1	0.79	0.82	0.03	0	0	0	0	0	0	0	0
10/12/2023 11:37	56802 BENV_T2	5	13	8	0.32	0.35	0.03	-1.58	-1.6	0	0	0	0	0	0
10/12/2023 11:38	56803 BENV_T1	4	4	0	0.7	0.9	0.2	0	0	0	0	0	0	0	0
10/12/2023 11:38	64101 REFR_T1	0	0	0	0	0	0	0.05	0.06	0	0	0	0	0	0
10/12/2023 11:39	56801 BENV_T1	55	55	0	1.21	1.24	0.03	-1.64	-1.66	2	2	0	1200	1200	0
10/12/2023 11:39	56802 BENV_T2	5	13	8	0.32	0.35	0.03	-1.58	-1.6	0	0	0	0	0	0
10/12/2023 11:40	56802 BENV_T2	5	13	8	0.32	0.35	0.03	-0.79	-0.8	0	0	0	0	0	0
10/12/2023 11:40	56803 BENV_T1	4	4	0	0.7	0.9	0.2	0	0	0	0	0	0	0	0
10/12/2023 11:41	56803 BENV_T1	4	4	0	0.7	0.9	0.2	0	0	0	0	0	0	0	0
10/12/2023 11:42	56802 BENV_T2	5	13	8	0.32	0.35	0.03	-1.58	-1.6	0	0	0	0	0	0
10/12/2023 11:42	56801 BENV_T1	55	55	0	1.21	1.24	0.03	-0.82	-0.83	1	1	0	600	600	0
10/12/2023 11:43	39601 LNFD_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/12/2023 11:47	65604 QVIL_T2	0	0	0	0	0	0	0.4	0.35	0	0	0	0	0	0
10/12/2023 11:47	40902 JESH_T1	0	0	0	0	0	0	0.2	0.13	1	1	0	600	600	0
10/12/2023 11:48	54001 SDLE_T1	5	7	2	0.72	0.77	0.05	0	0	0	0	0	0	0	0
10/12/2023 11:48	52402 GRPA_T2	24	41	17	0.53	0.48	-0.05	0	0	0	0	0	0	0	0
10/12/2023 11:48	64101 REFR_T1	0	0	0	0	0	0	0.06	0.05	0	0	0	0	0	0
10/12/2023 11:49	52404 GRPA_T2	1	1	0	0.2	0.3	0.1	0	0	0	0	0	0	0	0
10/12/2023 11:49	64101 REFR_T1	0	0	0	0	0	0	0.12	0.09	0	0	0	0	0	0
10/12/2023 11:50	54001 SDLE_T1	5	7	2	0.72	0.77	0.05	0	0	0	0	0	0	0	0
10/12/2023 11:50	64101 REFR_T1	0	0	0	0	0	0	0.17	0.14	0	0	0	0	0	0
10/12/2023 11:50	65604 QVIL_T2	0	0	0	0	0	0	0.4	0.35	0	0	0	0	0	0
10/12/2023 11:51	14801 TREI_T2	85	92	7	0.31	0.3	-0.01	0.24	0.24	0	0	0	0	0	0
10/12/2023 11:51	24901 WHHA_T1	4	7	3	0.35	0.39	0.04	0.51	0.47	0	0	0	0	0	0
10/12/2023 11:51	64101 REFR_T1	0	0	0	0	0	0	0.06	0.05	0	0	0	0	0	0
10/12/2023 11:51	54001 SDLE_T1	5	7	2	0.72	0.77	0.05	0	0	0	0	0	0	0	0
10/12/2023 12:02	65601 QVIL_T2	0	1	1	0	0.1	0.1	0	0	0	0	0	0	0	0
10/12/2023 12:03	51604 DUKE_T2	3	10	7	0.

Appendix C - Grid Benefits Achieved in Each Instance of Active Management

10/12/2023 13:22	14401 SSLA_T1	4	4	0	0.4	0.63	0.23	0	0	0	0	0	0	0	0
10/12/2023 13:23	64101 REFR_T1	0	1	1	0	1	1	0.04	0.07	0	0	0	0	0	0
10/12/2023 13:23	56801 BENV_T1	26	23	-3	0.67	0.87	0.2	-0.46	-0.48	0	0	0	0	0	0
10/12/2023 13:24	56802 BENV_T2	21	17	-4	0.19	0.25	0.06	-0.74	-0.7	0	0	0	0	0	0
10/12/2023 13:26	56801 BENV_T1	26	23	-3	0.67	0.87	0.2	-0.69	-0.72	0	0	0	0	0	0
10/12/2023 13:26	53501 EVIL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/12/2023 13:28	53501 EVIL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/12/2023 13:30	42401 GIMA_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/12/2023 13:30	54505 ENOL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/12/2023 13:32	26401 INOR_T1	0	1	1	0	0.5	0.5	0	0	0	0	0	0	0	0
10/12/2023 13:32	40902 JESH_T1	0	0	1	0	0	0	0.13	0.06	1	1	0	600	600	0
10/12/2023 13:35	46302 ROHR_T1	4	4	0	1.83	1.9	0.07	0	0	0	0	0	0	0	0
10/12/2023 13:36	51604 DUKE_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/12/2023 13:36	67401 WAKE_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/12/2023 13:37	56802 BENV_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/12/2023 13:40	56802 BENV_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/12/2023 13:43	53501 EVIL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/12/2023 13:43	23401 HONE_T2	1	3	2	0.2	0.27	0.07	-0.25	-0.24	0	0	0	0	0	0
10/12/2023 13:43	56802 BENV_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/12/2023 13:43	26401 INOR_T1	0	1	1	0	0.5	0.5	0	0	0	0	0	0	0	0
10/12/2023 13:44	53501 EVIL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/12/2023 13:44	52004 LING_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/12/2023 13:46	23401 HONE_T2	3	2	-1	0.27	0.25	-0.02	0	0	0	0	0	0	0	0
10/12/2023 13:48	15103 UPHA_T2	2	2	0	0.5	0.4	-0.1	0.37	0.39	0	0	0	0	0	0
10/12/2023 13:50	65802 RTWN_T2	3	3	0	0.87	0.83	-0.04	-0.46	-0.47	0	0	0	0	0	0
10/12/2023 13:50	13302 ORVI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/12/2023 13:51	60305 TWVA_T2	0	0	0	0	0	0	0.52	-0.45	2	2	0	2400	2400	0
10/12/2023 13:51	46302 ROHR_T1	4	4	0	1.63	2	0.37	0	0	0	0	0	0	0	0
10/12/2023 13:52	65802 RTWN_T2	3	3	0	0.87	0.83	-0.04	-0.46	-0.47	0	0	0	0	0	0
10/12/2023 13:54	45902 AUBU_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/12/2023 13:55	56802 BENV_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/12/2023 13:57	56603 HAMP_T1	59	100	41	0.16	0.29	0.13	0	0	0	0	0	0	0	0
10/12/2023 13:58	40902 JESH_T1	0	0	0	0	0	0	0.06	0.12	1	1	0	600	600	0
10/12/2023 13:59	54501 ENOL_T2	4	4	0	0.23	0.63	0.4	-0.54	-0.58	1	1	0	600	600	0
10/12/2023 14:00	56603 HAMP_T1	96	101	5	0.25	0.29	0.04	0	0	0	0	0	0	0	0
10/12/2023 14:07	16103 BING_T2	2	1	-1	0.8	1.5	0.7	0	0	0	0	0	0	0	0
10/12/2023 14:11	61303 EARL_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/12/2023 14:11	56603 HAMP_T1	96	101	5	0.25	0.29	0.04	0	0	0	0	0	0	0	0
10/12/2023 14:12	53501 EVIL_T2	3	10	7	0.5	0.87	0.37	0.31	0.42	2	2	0	1200	1200	0
10/12/2023 14:14	40902 JESH_T1	0	0	0	0	0	0	0.1	-0.03	1	1	0	600	600	0
10/12/2023 14:14	53501 EVIL_T2	3	10	7	0.5	0.87	0.37	0.21	-0.07	1	1	0	600	600	0
10/12/2023 14:15	53903 HALI_T2	3	4	1	1	0.78	-0.22	-0.07	-0.06	0	0	0	0	0	0
10/12/2023 14:15	22901 HARW_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/12/2023 14:16	54501 ENOL_T2	4	4	0	0.63	0.5	-0.13	0	0	0	0	0	0	0	0
10/12/2023 14:19	51604 DUKE_T2	4	13	9	0.45	0.33	-0.12	-1.74	-1.71	1	1	0	900	900	0
10/12/2023 14:19	15103 UPHA_T2	2	2	0	0.4	0.35	-0.05	0.37	0.38	0	0	0	0	0	0
10/12/2023 14:19	66505 SMAN_T2	0	0	0	0	0	0	0.73	0.76	2	2	0	1100	1100	0
10/12/2023 14:19	13105 NHAM_T2	0	0	0	0	0	0	-0.33	-0.33	1	1	0	1200	1200	0
10/12/2023 14:19	59101 WALK_T2	1	1	0	0	0	0	1.72	1.89	0	0	0	0	0	0
10/12/2023 14:20	66501 SMAN_T2	2	2	0	0.45	0.25	-0.2	0	0	0	0	0	0	0	0
10/12/2023 14:21	52403 GRPA_T2	5	3	-2	0.3	0.3	0	0.09	0.07	0	0	0	0	0	0
10/12/2023 14:22	66501 SMAN_T2	2	2	0	0.45	0.25	-0.2	0	0	0	0	0	0	0	0
10/12/2023 14:23	66505 SMAN_T2	0	0	0	0	0	0	0.73	0.76	2	2	0	1100	1100	0
10/12/2023 14:23	59101 WALK_T2	1	1	0	0	0	0	1.72	1.89	0	0	0	0	0	0
10/12/2023 14:23	51604 DUKE_T2	4	13	9	0.45	0.33	-0.12	-1.74	-1.71	1	1	0	900	900	0
10/12/2023 14:24	59101 WALK_T2	1	1	0	0	0	0	1.72	1.89	0	0	0	0	0	0
10/12/2023 14:26	54503 ENOL_T2	1	0	-1	0.2	0	-0.2	0	0	0	0	0	0	0	0
10/12/2023 14:27	56603 HAMP_T1	95	99	4	0.28	0.27	-0.01	0	0	0	0	0	0	0	0
10/12/2023 14:27	42503 ALTA_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/12/2023 14:27	23401 HONE_T2	2	2	0	0.2	0.3	0.1	-0.35	-0.38	0	0	0	0	0	0
10/12/2023 14:27	53501 EVIL_T2	10	10	0	0.54	0.78	0.24	0.21	-0.07	1	1	0	600	600	0
10/12/2023 14:28	53501 EVIL_T2	10	10	0	0.54	0.78	0.24	0.42	-0.15	2	2	0	1200	1200	0
10/12/2023 14:28	23401 HONE_T2	2	2	0	0.2	0.3	0.1	-0.35	-0.38	0	0	0	0	0	0
10/12/2023 14:29	40902 JESH_T1	0	0	0	0	0	0	-0.03	-0.07	1	1	0	600	600	0
10/12/2023 14:30	54504 ENOL_T2	1	2	1	0.7	0.45	-0.25	0	0	0	0	0	0	0	0
10/12/2023 14:30	23401 HONE_T2	2	1	-1	0.3	0.4	0.1	-0.38	-0.31	0	0	0	0	0	0
10/12/2023 14:31	58401 MORO_T1	2	4	2	0.1	0.2	0.1	0	0	0	0	0	0	0	0
10/12/2023 14:31	54504 ENOL_T2	1	2	1	0.7	0.45	-0.25	0	0	0	0	0	0	0	0
10/12/2023 14:31	56603 HAMP_T1	99	69	-30	0.27	0.18	-0.09	0	0	0	0	0	0	0	0
10/12/2023 14:33	66504 SMAN_T2	0	1	1	0	0.3	0.3	0	0	0	0	0	0	0	0
10/12/2023 14:34	51604 DUKE_T2	12	14	2	0.35	0.33	-0.02	-1.71	-1.72	1	1	0	900	900	0
10/12/2023 14:34	13704 SCHN_T2	5	5	0	0.26	0.32	0.06	-0.64	-0.6	0	0	0	0	0	0
10/12/2023 14:34	13105 NHAM_T2	0	0	0	0	0	0	-0.33	-0.34	1	1	0	1200	1200	0
10/12/2023 14:34	14801 TREI_T2	91	102	11	0.34	0.49	0.15	0.25	0.25	0	0	0	0	0	0
10/12/2023 14:35	66505 SMAN_T2	0	0	0	0	0	0	0.76	0.66	2	2	0	1100	1100	0
10/12/2023 14:35	66501 SMAN_T2	0	2	2	0	0.3	0.3	0	0	0	0	0	0	0	0
10/12/2023 14:35	51604 DUKE_T2	12	14	2	0.35	0.33	-0.02	-1.71	-1.72	1	1	0	900	900	0
10/12/2023 14:35	65604 QVIL_T2	0	0	0	0	0	0	0.72	0.66	0	0	0	0	0	0
10/12/2023 14:36	13704 SCHN_T2	5	5	0	0.26	0.32	0.06	-0.32	-0.3	0	0	0	0	0	0
10/12/2023 14:36	14802 TREI_T2	5	25	20	0.26	0.26	0	0.31	0.31	0	0	0	0	0	0
10/12/2023 14:37	52403 GRPA_T2	3	1	-2	0.1	0.7	0.6	0.07	0.03	0	0	0	0	0	0
10/12/2023 14:37	14802 TREI_T2	5	25	20	0.26	0.26	0	0.31	0.37	0	0	0	0	0	0
10/12/2023 14:37	56802 BENV_T2	5	35	30	0.4	0.19	-0.21	-2.76	-2.72	0	0	0	0	0	0
10/12/2023 14:38	43301 WATS_T2	1	1	0	0.9	1	0.1	0	0	0	0	0	0	0	0
10/12/2023 14:38	56802 BENV_T2	5	35	30	0.4	0.19	-0.21	-0.69	-0.68	0	0	0	0	0	0
10/12/2023 14:39	43301 WATS_T2	1	1	0	0.9	1	0.1	0.31	0.34	0	0	0	0	0	0
10/12/2023 14:39	56802 BENV_T2	5	35	30	0.4	0.19	-0.21	-0.69	-0.68	0	0	0	0	0	0
10/12/2023 14:40	56802 BENV_T2	5	35	30	0.4	0.19	-0.21	-0.69	-0.68	0	0	0	0	0	0
10/12/2023 14:41	56802 BENV_T2	5	35	30	0.4	0.19	-0.21	-1.38	-1.36	0	0	0	0	0	0
10/12/2023 14:42	53501 EVIL_T2	10	9	-1	0.77	0.91	0.14	-0.07	-0.06	1	1	0	600	600	0
10/12/2023 14:43	56802 BENV_T2	5	35	30	0.4	0.19	-0.21	-1.38	-1.36	0	0	0	0	0	0
10/12/2023 14:43	23401 HONE_T2	2	1	-1	0.3	0.4	0.1	-0.38	-0.31	0	0	0	0	0	0
10/12/2023 14:44	23401 HONE_T2	2	1	-1	0.3	0.4	0.1	-0.31	-0.28	0	0	0	0	0	0
10/12/2023 14:44	53501 EVIL_T2	10	9	-1	0.77	0.91	0.14	-0.06	-0.03	1	1	0	600	600	0
10/12/2023 14:46	23401 HONE_T2	1	1	0	0.4	0.3	-0.1	-0.31	-0.28	0	0	0	0	0	0
10/12/2023 14:46	57304 MOAL_T2	34	39	5	0.26	0.27	0.01	-0.67	-0.67	0	0	0	0	0	0
10/12/2023 14:48	66501 SMAN_T2	2	2	0	0.25	0.3	0.05	0	0	0	0	0	0	0	0
10/12/2023 14:49	46301 ROHR_T1	0	0	0	0	0	0	0.19	0.13	0	0	0	0	0	0
10/12/2023 14:49	13704 SCHN_T2	5	6	1	0.32	0.28	-0.04	-0.3	-0.37	0	0	0	0	0	0
10/12/2023 14:49	67204 TEHI_T2	1	2	1	0.3	0.15	-0.15	-0.06	-0.04	0	0	0	0	0	0
10/12/2023 14:50	65604 QVIL_T2	0	0	0	0	0	0	0.66	0.68	0	0	0	0	0	0
10/12/2023 14:50	13704 SCHN_T2	5	6	1	0.32	0.28	-0.04	-0.3	-0.37	0	0	0	0	0	0
10/12/2023 14:50	13105 NHAM_T2	0	0	0	0	0	0	-0.34	-0.3	1	1	0	1200	1200	0
10/12/2023 14:51	59101 WALK_T2	1	1	0	0	0	0	1.97	2.3	0	0	0	0	0	0
10/12/2023 14:52	67201 TEHI_T1	0	2	2	0	0.35	0.35	0.21	0.16	1	1	0	900	900	0
10/12/2023 14:52	52402 GRPA_T2	13	20	7	0.81	0.79	-0.02	0	0	0	0	0	0	0	0
10/12/2023 14:52	67204 TEHI_T2	1	2	1	0.3	0.15	-0.15	-0.06	-0.04	0	0	0	0	0	0
10/12/2023 14:52	42201 SHEN_T2	1	1	0	0.6	0.1	-0.5	-0.17	-0.18	1	1	0	600	600	0
10/12/2023 14:52	13701 SCHN_T2	8	6	-2	0.33	0.33	0	0	0	0	0	0	0	0	0
10/12/2023 14:54	22002 BOHE_T1	7	7	0	0.16	0.21	0.05	0	0	0	0	0	0	0	0
10/12/2023 14:55	56802 BENV_T2	9	101	92	0.36	0.17	-0.19	-1.36	-1.38	0	0	0	0	0	0
10/12/2023 14:55	45901 AUBU_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/12/2023 14:56	54502 ENOL_T2	2	2	0	0.3	0.2	-0.1	0	0	0	0	0	0	0	0
10/12/2023 14:57	54504 ENOL_T2	2	1	-1	0.45	0.6	0.15	0	0	0	0	0	0	0	0
10/12/2023 14:57	54501 ENOL_T2	4	4	0	0.48	0.5	0.02	0	0	0	0	0	0	0	0
10/12/2023 14:57	56603 HAMP_T1	69	60	-9	0.17	0.16	-0.01	0	0	0	0	0	0	0	0
10/12/2023 14:58	54504 ENOL_T2	2	1	-1	0.45	0.6	0.15	0	0	0	0	0	0	0	0
10/12/2023 14:59	54502 ENOL_T2	2	2	0	0.3	0.2	-0.1	-1.37	-1.37	0	0	0	0	0	0
10/12/2023 14:59	54505 ENOL_T2	1	2	1	1.3	0.75	-0.55	0	0	0	0	0	0	0	0
10/12/2023 14:59	54501 ENOL_T2	4	4	0	0.48	0.5	0.02	-0.56	-0.57	1	1	0	600	600	0
10/12/2023 14:59	56603 HAMP_T1	69	60	-9	0.17	0.16	-0.01	0	0	0	0	0	0	0	0
10/12/2023 15:00	54505 ENOL_T2	2	1	-1	0.75	1.2	0.45	-1.36	-1.35	1	1	0	600	600	0
10/12/2023 15:01	23401 HONE_T2	1	0	-1	0.3	0	-0.3	-0.28	-0.36	0	0	0	0	0	0
10/12/2023 15:02	54502 ENOL_T2	2	2	0	0.2	0.15	-0.05	0	0	0	0	0	0	0	0
10/12/2023 15:02	44701 MUNC_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/12/2023 15:05	60305 TWVA_T2	0	0	0	0	0	0	0	-1.31	-1.32	2	2	2400	2400	0
10/12/2023 15:08	52401 GRPA_T2	1	2	1	0.3	0.55	0.25	0	0	0	0	0	0	0	0
10/12/2023 15:08	67201 TEHI_T1	0	2	2	0	0.35	0.35	0.16	0.05	1	1	0	900	900	0
10/12/2023 15:08	42201 SHEN_T2	0	1	1	0	0.1	0.1	-0.18	-0.17	1	1	0	600	600	0
10/12/2023 15:09	52402 GRPA_T2	20	10	-10	0.71	1.14	0.43	0	0	0	0	0	0	0	0
10/12/2023 15:10	61302 EARL_T1	0	1	1	0	0.2	0.2	0	0	0	0	0	0	0	0
10/12/2023 15:11	44901 SCOT_T2	0	0	0	0	0	0	0.4	0.51	0	0	0	0	0	0
10/12/2023 15:11	61302 EARL_T1	0	1	1	0	0.2	0.2	0	0	0	0	0	0	0	0
10/12/2023 15:12	44901 SCOT_T2	0	0	0	0	0	0	0.4	0.51	0	0	0	0	0	0
10/12/2023 15:15	53903 HALI_T2	2	2	0	1.2	1.2	0	-0.07	-0.08	0	0	0	0	0	0
10/12/2023 15:20	59101 WALK_T2	1	1	0	0	0	0	2.11	2.14	0	0	0	0	0	0
10/12/2023 15:23	27502 WEIS_T2	1	0	-1	0.1	0	-0.1	-0.5	-0.5	0	0	0	0	0	0
10/12/2023 15:31	16402 MOPO_T1	0	0	0	0	0	0	1.28	1.56	0	0	0	0	0	0
10/12/2023 15:34	42201 SHEN_T2	0	0	0	0	0	0	-0.16	-0.17	1	1	0	600	600	0
10/12/2023 15:36	43302 WATS_T2	0	2	2	0	0.15	0.15	0	0	0	0	0	0	0	0
10/12/2023 15:37	43302 WATS_T2	0	2	2	0	0.15	0.15	0	0	0	0	0	0	0	0
10/12/2023 15:39	43304 WATS_T2	0	0	0	0	0	0	-1.55	-1.7	0	0	0	0	0	0
10/12/2023 15:42	28801 LAKE_T1	52	52	0	0.13	0.12	-0.01	0	0	0	0	0	0	0	0
10/12/2023 15:42	53901 HALI_T2	0	1	1	0	0.4	0.4	0	0	0	0	0	0	0	0
10/12/2023 15:46	45001 LIME_Z	28	31	3	0.36	0.47	0.11	0	0	0	0	0	0	0	0
10/12/2023 15:46	28805 LAKE_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/12/2023 15:50	14401 SSLA_T1	7	2	-5	0.37	0.2	-0.17	0	0	0	0	0	0	0	0
10/12/2023 15:52	67603 WARW_T1	1	0	-1	0.6	0	-0.6	0	0	0	0	0	0	0	0
10/12/2023 16:04	44701 MUNC_T2	0	0	0	0	0	0	-1.47	-1.44	0	0	0	0	0	0
10/12/2023 16:18	60501 NMAN_T2	3	3	0	5	4.53	-0.47	0	0	0	0	0	0	0	0
10/12/2023 16:21	14401 SSLA_T1	2	6	4	0.2	0.2	0	0	0	0	0	0	0	0	0
10/12/2023 16:37	13503 MCMI_T2	0	0	0	0	0	0	-0.01	-0.01	0	0	0	0	0	0
10/12/2023 19:08	44201 POIN_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/12/2023 19:22	42503 ALTA_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/12/2023 19:22	42401 GIMA_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/12/2023 19:25	40602 PIGR_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/12/2023 19:25	26401 INOR_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/12/2023 19:30	46203 DANV_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/12/2023 19:30	54701 NEBL_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/12/2023 19:30	22901 HARW_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/12/2023 19:31	53501 EVIL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/12/2023 19:32	67502 WEWI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/12/2023 19:32	45902 AUBU_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/12/2023 19:32	61303 EARL_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/12/2023 19:32	56802 BENV_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/12/2023 19:33	46004 BERW_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/12/2023 19:33	46302 ROHR_T1	6	6	0	1.13	0.98	-0.15	0	0	0	0	0	0	0	0
10/12/2023 19:34	54505 ENOL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/12/2023 19:34	45802 HEGI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/12/2023 19:34	56802 BENV_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/12/2023 19:36	56802 BENV_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/12/2023 19:36	43304 WATS_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/12/2023 19:37	40602 PIGR_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/12/2023 19:38	56801 BENV_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/12/2023 19:39	53501 EVIL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/12/2023 19:39	51604 DUKE_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/12/2023 19:40	64101 REFR_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/12/2023 19:40	44703 MUNC_T2	3	3	0	1	0.9	-0.1	0	0	0	0	0	0	0	0
10/12/2023 19:40	46203 DANV_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/12/2023 19:41

Appendix C - Grid Benefits Achieved in Each Instance of Active Management

10/12/2023 20:32	54502 ENOL_T2	1	1	0	0.2	0.2	0	0	0	0	0	0	0	0
10/12/2023 20:32	15001 BLMO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
10/12/2023 20:32	67204 TEHI_T2	0	39	39	0	0.12	0.12	0.04	0.04	0	0	0	0	0
10/12/2023 20:32	60803 BUCK_T1	0	6	6	0	0.13	0.13	-1.02	-0.98	1	1	0	600	600
10/12/2023 20:33	43302 WATS_T2	4	4	0	0.28	0.2	-0.08	0	0	0	0	0	0	0
10/12/2023 20:33	56603 HAMP_T1	25	100	75	0.12	0.26	0.14	0	0	0	0	0	0	0
10/12/2023 20:33	42201 SHEN_T2	0	0	0	0	0	0	0.36	0.32	0	0	0	0	0
10/12/2023 20:33	46001 BERW_T1	0	0	0	0	0	0	0.83	0.85	0	0	0	0	0
10/12/2023 20:33	64301 LINC_T1	0	0	0	0	0	0	0.22	0.22	0	0	0	0	0
10/12/2023 20:33	28601 BLYT_T2	0	1	1	0	0	0	0	0	0	0	0	0	0
10/12/2023 20:33	15001 BLMO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
10/12/2023 20:34	56802 BENV_T2	1	1	0	0.5	1	0.5	-0.78	-0.83	0	0	0	0	0
10/12/2023 20:34	67502 WEWI_T2	0	1	1	0	0.1	0.1	0	0	0	0	0	0	0
10/12/2023 20:35	56802 BENV_T2	1	1	0	0.5	1	0.5	-0.78	-0.83	0	0	0	0	0
10/12/2023 20:35	64101 REFR_T1	0	0	0	0	0	0	-0.2	-0.21	0	0	0	0	0
10/12/2023 20:35	40101 HUNT_T2	1	1	0	0.4	0	-0.4	-0.54	-0.57	0	0	0	0	0
10/12/2023 20:35	59101 WALK_T2	1	1	0	0	0	0	1.16	1.08	1	1	0	450	450
10/12/2023 20:36	13704 SCHN_T2	5	5	0	0.24	0.44	0.2	-0.42	-0.42	1	0	0	0	0
10/12/2023 20:36	46803 HEPB_T2	0	0	0	0	0	0	0.45	0.46	0	0	0	0	0
10/12/2023 20:36	23401 HONE_T2	0	0	0	0	0	0	-0.36	-0.35	0	0	0	0	0
10/12/2023 20:36	43001 ALWD_T1	11	16	5	0.32	0.36	0.04	0	0	0	0	0	0	0
10/12/2023 20:37	15001 BLMO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
10/12/2023 20:37	56802 BENV_T2	1	1	0	0.5	1	0.5	-0.78	-0.83	0	0	0	0	0
10/12/2023 20:37	54503 ENOL_T2	0	0	0	0	0	0	-1.05	-1.09	1	1	0	600	600
10/12/2023 20:37	65604 QVIL_T2	0	0	0	0	0	0	0.26	0.28	0	0	0	0	0
10/12/2023 20:38	54502 ENOL_T2	1	1	0	0.2	0.2	0	0	0	0	0	0	0	0
10/12/2023 20:38	13704 SCHN_T2	5	5	0	0.24	0.44	0.2	-0.42	-0.42	0	0	0	0	0
10/12/2023 20:38	67502 WEWI_T2	0	1	1	0	0.1	0.1	-0.45	-0.48	0	0	0	0	0
10/12/2023 20:40	56802 BENV_T2	1	1	0	0.5	1	0.5	-0.78	-0.83	0	0	0	0	0
10/12/2023 20:45	46801 HEPB_T2	2	2	0	0.55	0.65	0.1	0.55	0.57	0	0	0	0	0
10/13/2023 0:28	28601 BLYT_T2	1	1	0	1.2	0	-1.2	0	0	0	0	0	0	0
10/13/2023 0:28	51604 DUKE_T2	0	0	0	0	0	0	-1.79	-1.81	1	1	0	900	900
10/13/2023 0:28	49803 UNIV_T1	0	0	0	0	0	0	-0.12	-2.8	0	0	0	0	0
10/13/2023 0:28	28805 LAKE_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
10/13/2023 0:28	53501 EVIL_T2	21	20	-1	0.81	0.94	0.13	-0.67	-0.73	0	0	0	0	0
10/13/2023 0:28	29402 BELT_T1	1	1	0	8.1	8.3	0.2	0	0	0	0	0	0	0
10/13/2023 0:28	67204 TEHI_T2	0	0	0	0	0	0	-0.35	-0.35	0	0	0	0	0
10/13/2023 0:28	52404 GRPA_T2	1	1	0	0.3	0.6	0.3	0	0	0	0	0	0	0
10/13/2023 0:28	16101 BENG_T2	0	0	0	0	0	0	0.26	0.27	0	0	0	0	0
10/13/2023 0:28	43301 WATS_T2	0	0	0	0	0	0	0.29	0.28	0	0	0	0	0
10/13/2023 0:28	58402 MORO_T1	0	0	0	0	0	0	-4.26	-4.17	6	6	0	4500	4500
10/13/2023 0:28	67503 WEWI_T2	0	0	0	0	0	0	-1.28	-1.28	0	0	0	0	0
10/13/2023 0:28	43304 WATS_T2	0	0	0	0	0	0	-4.82	-4.71	0	0	0	0	0
10/13/2023 0:28	29402 BELT_T1	1	1	0	8.1	8.3	0.2	0	0	0	0	0	0	0
10/13/2023 0:28	23401 HONE_T2	1	0	-1	0.7	0	-0.7	-1.23	-0.12	0	0	0	0	0
10/13/2023 0:28	66504 SMAN_T2	0	0	0	0	0	0	-1.34	-1.28	0	0	0	0	0
10/13/2023 0:28	61801 EEU_T2	2	2	0	0.55	1.05	0.5	-0.38	-0.41	0	0	0	0	0
10/13/2023 0:28	24901 WHHA_T1	0	0	0	0	0	0	0.74	0.76	0	0	0	0	0
10/13/2023 0:28	42201 SHEN_T2	0	0	0	0	0	0	0.5	0.48	0	0	0	0	0
10/13/2023 0:28	65902 SAKR_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
10/13/2023 0:28	65001 NEFF_T2	5	21	16	0.1	0.14	0.04	-1.08	-1.09	1	1	0	1200	1200
10/13/2023 0:28	57303 MOAL_T2	1	1	0	7.2	7.7	0.5	0	0	0	0	0	0	0
10/13/2023 0:28	60501 NMAN_T2	3	3	0	5.2	5.2	0	0	0	0	0	0	0	0
10/13/2023 0:28	53601 DALM_T2	1	1	0	0.8	0.9	0.1	0.61	0.6	0	0	0	0	0
10/13/2023 0:28	22002 BOHE_T1	8	24	16	0.19	0.17	-0.02	0	0	0	0	0	0	0
10/13/2023 0:28	67203 TEHI_T1	1	1	0	0	0	0	2.03	2.07	2	2	0	1500	1500
10/13/2023 0:28	67203 TEHI_T1	1	1	0	0	0	0	2.03	2.07	2	2	0	1500	1500
10/13/2023 0:28	56501 ROCK_T2	22	122	100	0.41	0.2	-0.21	-0.51	-0.49	0	0	0	0	0
10/13/2023 0:28	42001 MNVL_T2	0	0	0	0	0	0	-0.12	-0.13	0	0	0	0	0
10/13/2023 0:28	59301 MCAL_T1	292	333	41	0.56	0.67	0.11	0	0	0	0	0	0	0
10/13/2023 0:28	46302 ROHR_T1	4	4	0	1.75	1.75	0	0	0	0	0	0	0	0
10/13/2023 0:28	28403 HART_T2	0	0	0	0	0	0	-1.92	-1.92	2	2	0	1800	1800
10/13/2023 0:28	46001 BERW_T1	0	0	0	0	0	0	0.62	0.56	0	0	0	0	0
10/13/2023 0:28	45003 LIME_2	1	1	0	3.6	4.1	0.5	0	0	0	0	0	0	0
10/13/2023 0:28	41801 GOCI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
10/13/2023 0:28	24901 WHHA_T1	0	0	0	0	0	0	0.74	0.76	0	0	0	0	0
10/13/2023 0:28	23402 HONE_T2	0	0	0	0	0	0	0.37	0.39	0	0	0	0	0
10/13/2023 0:28	15103 UPHA_T2	0	0	0	0	0	0	0.23	0.23	0	0	0	0	0
10/13/2023 0:28	17804 GILB_T2	0	0	0	0	0	0	-0.61	-0.62	0	0	0	0	0
10/13/2023 0:28	45802 HEGI_T2	0	0	0	0	0	0	0.73	0.68	0	0	0	0	0
10/13/2023 0:28	59101 WALK_T2	1	1	0	0	0	0	4.56	4.58	0	0	0	0	0
10/13/2023 0:28	44801 EDAN_T2	1	1	0	0.3	0	-0.3	0	0	0	0	0	0	0
10/13/2023 0:28	64303 LINC_T1	0	0	0	0	0	0	-0.31	-0.3	0	0	0	0	0
10/13/2023 0:28	66504 SMAN_T2	0	0	0	0	0	0	-1.34	-1.28	0	0	0	0	0
10/13/2023 0:28	67502 WEWI_T2	0	3	3	0	0.1	0.1	-6.72	-6.72	4	4	0	3600	3600
10/13/2023 0:28	60803 BUCK_T1	0	1	1	0	0.1	0.1	-1.13	-1.1	1	1	0	600	600
10/13/2023 0:28	44201 POIN_T1	0	0	0	0	0	0	-0.69	-0.74	1	1	0	900	900
10/13/2023 0:28	14801 TREI_T2	0	0	0	0	0	0	0.18	0.17	0	0	0	0	0
10/13/2023 0:28	54501 ENOL_T2	4	4	0	0.15	0.45	0.3	-1.2	-1.22	0	2	2	0	1200
10/13/2023 0:28	64801 MONE_T2	0	0	0	0	0	0	0.26	0.27	0	0	0	0	0
10/13/2023 0:28	64303 LINC_T1	0	0	0	0	0	0	-0.31	-0.3	0	0	0	0	0
10/13/2023 0:28	56801 BENV_T1	31	41	10	1.01	1.02	0.01	-12.09	-12.22	13	13	0	7800	7800
10/13/2023 0:28	67605 WARW_T1	13	28	15	0.54	0.51	-0.03	-1.31	-1.31	0	0	0	0	0
10/13/2023 0:28	56802 BENV_T2	1	1	0	0.1	0.3	0.2	-6.32	-6.48	0	0	0	0	0
10/13/2023 0:28	12701 MACU_T1	0	0	0	0	0	0	-0.06	-0.06	0	0	0	0	0
10/13/2023 0:28	46801 HEPB_T2	2	2	0	0.45	0.65	0.2	0.44	0.44	0	0	0	0	0
10/13/2023 0:28	44701 MUNC_T2	0	0	0	0	0	0	-1.65	-1.65	0	0	0	0	0
10/13/2023 0:28	14801 TREI_T2	0	0	0	0	0	0	0.18	0.17	0	0	0	0	0
10/13/2023 0:28	67401 WAKE_T2	0	0	0	0	0	0	-0.99	-0.99	0	0	0	0	0
10/13/2023 0:28	60801 BUCK_T1	0	0	2	0	0	0	-0.27	-0.29	0	0	0	0	0
10/13/2023 0:28	13302 ORVI_T2	0	0	0	0	0	0	0.8	0.73	0	0	0	0	0
10/13/2023 0:28	40902 JESH_T1	0	0	0	0	0	0	-0.98	-0.97	0	0	0	0	0
10/13/2023 0:28	45402 WBLO_T2	1	1	0	0.8	0.8	0	-0.95	-0.93	0	0	0	0	0
10/13/2023 0:28	44901 SCOT_T2	0	0	0	0	0	0	0.06	0.1	0	0	0	0	0
10/13/2023 0:28	43402 BENT_T1	0	0	0	0	0	0	-1	-1.62	2	1	-1	1500	900
10/13/2023 0:28	64801 MONE_T2	0	0	0	0	0	0	0.26	0.27	0	0	0	0	0
10/13/2023 0:28	15001 BLMO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
10/13/2023 0:28	40101 HUNT_T2	1	33	32	0.2	0.22	0.02	-1.42	-1.46	0	0	0	0	0
10/13/2023 0:28	54502 ENOL_T2	1	1	0	0.2	0.4	0.2	-2.84	-2.78	0	0	0	0	0
10/13/2023 0:28	43301 WATS_T2	0	0	0	0	0	0	0.29	0.28	0	0	0	0	0
10/13/2023 0:28	44601 SALE_T2	0	0	0	0	0	0	-0.28	-0.36	0	0	0	0	0
10/13/2023 0:28	45902 AUBU_T1	0	0	0	0	0	0	0	0	2	2	0	1200	1200
10/13/2023 0:28	65802 RTWN_T2	0	0	0	0	0	0	-0.53	-0.56	0	0	0	0	0
10/13/2023 0:28	17802 GILB_T1	0	0	0	0	0	0	-0.05	-0.05	0	0	0	0	0
10/13/2023 0:28	46203 DANV_T2	0	0	0	0	0	0	-0.27	-0.29	0	0	0	0	0
10/13/2023 0:28	20403 ASHF_T2	0	0	0	0	0	0	0.06	0.02	0	0	0	0	0
10/13/2023 0:28	14403 SSLA_T1	0	0	0	0	0	0	0.51	0.46	0	0	0	0	0
10/13/2023 0:28	45702 LIND_T2	1	1	0	1	1.6	0.6	-0.5	-0.51	0	0	0	0	0
10/13/2023 0:28	61303 EARL_T1	0	0	0	0	0	0	-0.14	-0.1	0	0	0	0	0
10/13/2023 0:28	43001 ALWD_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
10/13/2023 0:28	43202 MVIL_T2	0	0	0	0	0	0	-1.56	-1.54	0	0	0	0	0
10/13/2023 0:28	42701 AUGU_T1	1	1	0	1.6	0.5	-1.1	0	0	2	2	0	1200	1200
10/13/2023 0:28	64101 REFR_T1	0	0	0	0	0	0	-0.01	-0.01	0	0	0	0	0
10/13/2023 0:28	16402 MOPO_T1	0	0	0	0	0	0	0.61	0.58	0	0	0	0	0
10/13/2023 0:28	26603 BROO_T1	0	0	0	0	0	0	-0.01	0	0	0	0	0	0
10/13/2023 0:28	66703 STRA_T1	0	0	0	0	0	0	-0.5	-0.5	0	0	0	0	0
10/13/2023 0:28	54701 NEBL_T1	0	0	0	0	0	0	0	0	1	1	0	600	600
10/13/2023 0:31	14801 TREI_T2	0	0	0	0	0	0	0.17	0.18	0	0	0	0	0
10/13/2023 1:30	13105 NHAM_T2	0	0	0	0	0	0	-0.46	-0.46	1	1	0	1200	1200
10/13/2023 2:18	54503 ENOL_T2	0	0	0	0	0	0	-1.18	-1.18	1	1	0	600	600
10/13/2023 3:06	65003 NEFF_T2	4	4	0	0.4	0.23	-0.17	0	0	0	0	0	0	0
10/13/2023 3:19	65003 NEFF_T2	4	4	0	0.23	0.23	0	0	0	0	0	0	0	0
10/13/2023 3:59	65001 NEFF_T2	180	224	44	0.15	0.2	0.05	-1.19	-1.11	1	1	0	1200	1200
10/13/2023 4:04	65003 NEFF_T2	4	4	0	0.35	0.15	-0.2	0	0	0	0	0	0	0
10/13/2023 4:14	65001 NEFF_T2	224	9	-215	0.2	0.16	-0.04	-1.11	-1.12	1	1	0	1200	1200
10/13/2023 4:49	65001 NEFF_T2	4	4	0	0.1	0.13	0.03	-1.13	-1.11	1	1	0	1200	1200
10/13/2023 5:14	65003 NEFF_T2	4	0	-4	0.13	0	-0.13	0	0	0	0	0	0	0
10/13/2023 5:40	65001 NEFF_T2	0	0	0	0	0	0	-1.01	-1.05	1	1	0	1200	1200
10/13/2023 5:54	65001 NEFF_T2	0	0	0	0	0	0	-1.05	-1.01	1	1	0	1200	1200
10/13/2023 6:05	65001 NEFF_T2	0	0	0	0	0	0	-1.01	-0.86	1	1	0	1200	1200
10/13/2023 6:19	53903 HALI_T2	0	2	2	0	0.15	0.15	-0.18	-0.2	0	0	0	0	0
10/13/2023 6:24	65001 NEFF_T2	0	0	0	0	0	0	-0.86	-0.85	1	1	0	1200	1200
10/13/2023 7:08	46206 DANV_T2	2	1	-1	0.3	0	-0.3	0	0	0	0	0	0	0
10/13/2023 7:16	54701 NEBL_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
10/13/2023 7:34	65001 NEFF_T2	0	0	0	0	0	0	-0.59	-0.61	1	1	0	1200	1200
10/13/2023 7:40	53903 HALI_T2	2	2	0	0.55	0.7	0.15	-0.21	-0.2	0	0	0	0	0
10/13/2023 8:11	46203 DANV_T2	0	0	0	0	0	0	-0.16	-0.12	0	0	0	0	0
10/13/2023 8:15	46801 HEPB_T2	3	3	0	0.73	0.63	-0.1	0.57	0.55	0	0	0	0	0
10/13/2023 8:19	54701 NEBL_T1	2	2	0	0.25	0.15	-0.1	0	0	1	1	0	600	600
10/13/2023 8:23	56802 BENV_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
10/13/2023 8:27	56802 BENV_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
10/13/2023 8:28	56603 HAMP_T1	98	64	-34	0.27	0.2	-0.07	0	0	0	0	0	0	0
10/13/2023 8:39	53601 DALM_T2	1	1	0	0.3	1.4	1.1	-0.33	-0.54	1	1	0	900	900
10/13/2023 8:40	56802 BENV_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
10/13/2023 8:40	53903 HALI_T2	2	2	0	1	1.1	0.1	-0.14	-0.09	0	0	0	0	0
10/13/2023 8:42	56802 BENV_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
10/13/2023 8:44	40101 HUNT_T2	0	1	1	0	0	0	-0.24	-0.26	0	0	0	0	0
10/13/2023 8:53	43001 ALWD_T1	0	1	1	0	0.4	0.4	0	0	0	0	0	0	0
10/13/2023 8:54	43001 ALWD_T1	0	1	1	0	0.4	0.4	0	0	0	0	0	0	0
10/13/2023 8:54	43301 WATS_T2	1	1	0	0.3	0.5	0.2	0	0	0	0	0	0	0
10/13/2023 9:12	41801 GOCI_T2	3	5	2	0.23	0.34	0.11	0	0	0	0	0	0	0
10/13/2023 9:12	26603 BROO_T1	0	4	4	0	0.13	0.13	0.33	0.35	0	0	0	0	0
10/13/2023 9:15	41801 GOCI_T2	3	12	9	0.47	0.35	-0.12	0	0	0	0	0	0	0
10/13/2023 9:19	25801 SUTR_T2	0	0	0	0	0	0	-0.08	-0.1	0	0	0	0	0
10/13/2023 9:24	43001 ALWD_T1	1	1	0	0.4	0.4	0	0	0	0	0	0	0	0
10/13/2023 9:25	45902 AUBU_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
10/13/2023 9:25	56802 BENV_T2	5	9	4	0.36	0.36	0	-0.89	-0.86	0	0	0	0	0
10/13/2023 9:25	43001 ALWD_T1	1	1	0	0.4	0.4	0	0	0	0	0	0	0	0
10/13/2023 9:27	56802 BENV_T2	5	9	4	0.36	0.36	0	-0.89	-0.86	0	0	0	0	0
10/13/2023 9:30	42902 MIDD_T2	0	1	1	0	0.3	0.3	0	0	0	0	0	0	0
10/13/2023 9:33	13701 SCHN_T2	2	5	3	0.25	0.2	-0.05	0	0	0	0	0	0	0
10/13/2023 9:34	42002 MNVL_T2	1	1	0	3.3	3.1	-0.2	0	0	0	0	0	0	0
10/13/2023 9:35	49803 UNIV_T1	0	0	0	0	0	0	-1.22	-1.18	0	0	0	0	0
10/13/2023 9:37	56802 BENV_T2	9	3	-6	0.36	0.47	0.11	-0.86	-0.74	0	0	0	0	0
10/13/2023 9:38	56802 BENV_T2	9	3	-6	0.36	0.47	0.11	-0.86	-0.74	0	0	0	0	0
10/13/2023 9:40	43304 WATS_T2	0	0	0	0	0	0	0.09	-0.49	1	0	-1	600	0
10/13/2023 9:41	43001 ALWD_T1	1	1	0	0.4	0.2	-0.2	0	0	0	0	0	0	0
10/13/2023 9:41	56802 BENV_T2	9	3	-6	0.36	0.47	0.11	-0.86	-0.74	0	0	0	0	0
10/13/2023 9:41	10801 CHHI_T1	0	2	2	0	0.15	0.15	-0.77	-0.81	1	1	0	900	900
10/13/2023 9:41	29402 BELT_T1	6	5	-1	1.85	2.28	0.43	0	0	0	0	0	0	0
10/13/2023 9:42	56802 BENV_T2	9	3	-6	0.36	0.47	0.11	-0.86	-0.74	0	0	0	0	0
10/13/2023 9:44	42903 MIDD_T2	0	2	2	0	1.8	1.8	0	0	0	0	0	0	0
10/13/2023 9:47	13503 MCMI_T2	0	0	0	0	0	0	-0.01	-0.01	0	0	0	0	0
10/13/2023 9:47	43202 MVIL_T2	53	65	12	0.22	0.4	0.18	-0.69	-0.7	0	0	0	0	0
10/13/2023 9:48	14402 SSLA_T1	7	9	2	0.13	0.24	0.11	0	0	0	0	0	0	0
10/13/2023 9:48	64101 REFR_T1	0	0	0	0	0	0	0.04	0.04	0	0	0	0	0
10/13/2023 9:49	66502 SMAN_T2	1	2	1	0.3	0.4	0.1	0	0	0	0	0	0	0
10/13/2023 9:49	41901 REED_T1	7	10	3	0.27	0.41	0.14	-1.44	-1.34	1	1	0	900	900
10/13/2023 9:50	43202 MVIL_T2	53	65	12	0.22	0.4	0.18	-0.69	-0.7	0	0	0	0	0
10/13/2023 9:50	59102 WALK_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
10/13/2023 9:51	14403 SSLA_T1	2	4	2	0.4	0.7	0.3	0.74	0.76	0	0	0	0	0
10/13/2023 9:51	29402 BELT_T1	5	5	0	2.22	2.32	0.1	0	0	0	0	0	0	0
10/13/2023 9:52	43001 ALWD_T1	1	3	2	0.2	0.43	0.23	0	0	0	0	0	0	0
10/13/2023 9:53	20401 ASHF_T2	1	5	4	0.3	0.24	-0.06	0	0	0	0	0	0	0
10/13/2023 9:53	15001 BLMO_T1	1	2	1	0.2	0.15	-0.05	0	0	0	0	0	0	0
10/13/2023 9:55	29401 BELT_T1	64	73	9	0.22	0.26	0.04	0	0	0	0	0	0	0
10/13/2023 9:55	20403 ASHF_T2	5	54	49	0.34	0.25	-0.09	1.07	1.03	0	0	0	0	0

10/13/2023 10:01	64101 REFR_T1	0	0	0	0	0	0	0.04	0.03	0	0	0	0	0	0
10/13/2023 10:02	14802 TREI_T2	11	20	9	0.18	0.22	0.04	0	0	0	0	0	0	0	0
10/13/2023 10:02	52402 GRPA_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/13/2023 10:04	46302 ROHR_T1	3	4	1	2.57	2.23	-0.34	0	0	0	0	0	0	0	0
10/13/2023 10:05	67502 WEWI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/13/2023 10:06	52402 GRPA_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/13/2023 10:06	66902 SHIL_T2	1	1	0	0.2	0.3	0.1	0	0	0	0	0	0	0	0
10/13/2023 10:06	29401 BELT_T1	71	82	11	0.25	0.26	0.01	0	0	1	1	0	900	900	0
10/13/2023 10:06	49803 UNIV_T1	0	1	1	0	0.3	0.3	-1.21	-1.23	0	0	0	0	0	0
10/13/2023 10:07	56802 BENV_T2	1	17	16	0.8	0.34	-0.46	-0.75	-0.69	0	0	0	0	0	0
10/13/2023 10:07	40902 JESH_T1	0	0	0	0	0	0	-1.24	-1.29	1	1	0	600	600	0
10/13/2023 10:07	43001 ALWD_T1	0	3	3	0	0.5	0.5	0	0	0	0	0	0	0	0
10/13/2023 10:07	25801 SUTR_T2	0	0	0	0	0	0	-0.08	-0.1	0	0	0	0	0	0
10/13/2023 10:08	53601 DALM_T2	1	1	0	0.6	0.5	-0.1	-0.4	-0.39	1	1	0	900	900	0
10/13/2023 10:08	29401 BELT_T1	71	82	11	0.25	0.26	0.01	0	0	1	1	0	900	900	0
10/13/2023 10:08	56802 BENV_T2	1	17	16	0.8	0.34	-0.46	-1.5	-1.38	0	0	0	0	0	0
10/13/2023 10:09	67503 WEWI_T2	0	0	0	0	0	0	-0.3	-0.28	0	0	0	0	0	0
10/13/2023 10:09	28604 BLYT_T2	0	0	0	0	0	0	-1.44	-1.43	2	0	0	0	0	0
10/13/2023 10:09	56802 BENV_T2	1	17	16	0.8	0.34	-0.46	-1.5	-1.38	0	0	0	0	0	0
10/13/2023 10:10	45902 AUBU_T1	0	0	0	0	0	0	0	0	2	2	0	1200	1200	0
10/13/2023 10:10	56802 BENV_T2	1	17	16	0.8	0.34	-0.46	-0.75	-0.69	0	0	0	0	0	0
10/13/2023 10:11	56802 BENV_T2	1	17	16	0.8	0.34	-0.46	-0.75	-0.69	0	0	0	0	0	0
10/13/2023 10:12	29402 BELT_T1	5	5	0	2.24	2.44	0.2	0	0	0	0	0	0	0	0
10/13/2023 10:12	60801 BUCK_T1	0	0	0	0	0	0	0.13	0.06	0	0	0	0	0	0
10/13/2023 10:13	41801 GOCI_T2	12	23	11	0.45	0.35	-0.1	0	0	0	0	0	0	0	0
10/13/2023 10:13	17805 GILB_T2	1	2	1	0.4	0.4	0	0	0	0	0	0	0	0	0
10/13/2023 10:13	10801 CHNI_T1	2	4	2	0.15	0.45	0.3	-0.94	-0.93	1	1	0	900	900	0
10/13/2023 10:13	40101 HUNT_T2	0	4	4	0	0	0	-0.12	-0.06	0	0	0	0	0	0
10/13/2023 10:14	54505 ENOL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/13/2023 10:14	40101 HUNT_T2	0	4	4	0	0	0	-0.06	-0.09	0	0	0	0	0	0
10/13/2023 10:15	46801 HEPB_T2	3	2	-1	0.83	1.3	0.47	0	0	0	0	0	0	0	0
10/13/2023 10:15	23401 HONE_T2	0	1	1	0	0.4	0.4	-0.24	-0.25	0	0	0	0	0	0
10/13/2023 10:15	41801 GOCI_T2	11	23	12	0.46	0.36	-0.1	0	0	0	0	0	0	0	0
10/13/2023 10:16	43202 MVIL_T2	61	64	3	0.4	0.4	0	-0.67	-0.67	0	0	0	0	0	0
10/13/2023 10:16	46803 HEPB_T2	2	1	-1	0.1	0.1	0	0	0	0	0	0	0	0	0
10/13/2023 10:16	28403 HART_T2	0	0	0	0	0	0	-1	-1.04	1	1	0	900	900	0
10/13/2023 10:17	65005 NEFF_T2	0	1	1	0	0.8	0.8	0	0	0	0	0	0	0	0
10/13/2023 10:18	43201 MVIL_T2	0	1	1	0	0.2	0.2	0	0	0	0	0	0	0	0
10/13/2023 10:18	13503 MCMI_T2	0	0	0	0	0	0	-0.01	-0.01	0	0	0	0	0	0
10/13/2023 10:19	51201 MTON_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/13/2023 10:19	54701 NEBL_T1	6	7	1	0.38	0.27	-0.11	0	0	1	1	0	600	600	0
10/13/2023 10:20	65604 QVIL_T2	0	0	0	0	0	0	0.3	0.3	0	0	0	0	0	0
10/13/2023 10:21	67502 WEWI_T2	6	21	15	0.4	0.33	-0.07	-0.3	-0.34	0	0	0	0	0	0
10/13/2023 10:21	65604 QVIL_T2	0	0	0	0	0	0	0.3	0.3	0	0	0	0	0	0
10/13/2023 10:22	43304 WATS_T2	0	0	0	0	0	0	-0.56	-0.51	0	0	0	0	0	0
10/13/2023 10:22	15001 BLMO_T1	2	3	1	0.15	0.33	0.18	0	0	0	0	0	0	0	0
10/13/2023 10:22	46002 BERW_T2	0	1	1	0	0.1	0.1	0	0	0	0	0	0	0	0
10/13/2023 10:22	29402 BELT_T1	5	6	1	2.32	2.12	-0.2	0	0	0	0	0	0	0	0
10/13/2023 10:22	67502 WEWI_T2	6	21	15	0.4	0.33	-0.07	-0.3	-0.34	0	0	0	0	0	0
10/13/2023 10:22	20401 ASHF_T2	5	8	3	0.24	0.44	0.2	0	0	0	0	0	0	0	0
10/13/2023 10:23	29401 BELT_T1	68	83	15	0.24	0.26	0.02	0	0	1	1	0	900	900	0
10/13/2023 10:23	15001 BLMO_T1	2	3	1	0.15	0.33	0.18	0	0	0	0	0	0	0	0
10/13/2023 10:23	29401 BELT_T1	68	83	15	0.24	0.26	0.02	0	0	1	1	0	900	900	0
10/13/2023 10:23	42601 TUSC_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/13/2023 10:23	56802 BENV_T2	6	90	84	0.45	0.21	-0.24	-0.69	-0.69	0	0	0	0	0	0
10/13/2023 10:23	28604 BLYT_T2	0	0	0	0	0	0	-1.43	-1.41	0	0	0	0	0	0
10/13/2023 10:24	43304 WATS_T2	0	0	0	0	0	0	-0.56	-0.51	0	0	0	0	0	0
10/13/2023 10:24	15001 BLMO_T1	2	3	1	0.15	0.33	0.18	0	0	0	0	0	0	0	0
10/13/2023 10:24	45402 WBLO_T2	3	3	0	0.53	0.33	-0.2	0	0	0	0	0	0	0	0
10/13/2023 10:24	56802 BENV_T2	6	90	84	0.45	0.21	-0.24	-1.38	-1.38	0	0	0	0	0	0
10/13/2023 10:25	67502 WEWI_T2	6	21	15	0.4	0.33	-0.07	-0.3	-0.34	0	0	0	0	0	0
10/13/2023 10:25	20403 ASHF_T2	54	8	-46	0.25	0.59	0.34	1.03	0.84	0	0	0	0	0	0
10/13/2023 10:25	15001 BLMO_T1	2	3	1	0.15	0.33	0.18	0	0	0	0	0	0	0	0
10/13/2023 10:25	67503 WEWI_T2	0	1	1	0	0.1	0.1	-0.28	-0.29	0	0	0	0	0	0
10/13/2023 10:25	56802 BENV_T2	6	90	84	0.45	0.21	-0.24	-0.69	-0.69	0	0	0	0	0	0
10/13/2023 10:26	45902 AUBU_T1	0	0	0	0	0	0	0	0	1	1	0	600	600	0
10/13/2023 10:26	61803 EELI_T2	1	1	0	0.4	0.5	0.1	0	0	0	0	0	0	0	0
10/13/2023 10:26	17802 GILB_T1	2	2	0	0.5	0.7	0.2	0.07	0.09	0	0	0	0	0	0
10/13/2023 10:27	17804 GILB_T2	2	2	0	0.9	1.1	0.2	0	0	0	0	0	0	0	0
10/13/2023 10:27	46203 DANV_T2	6	5	-1	0.53	0.88	0.35	-0.15	-0.15	0	0	0	0	0	0
10/13/2023 10:27	15001 BLMO_T1	2	3	1	0.15	0.33	0.18	0	0	0	0	0	0	0	0
10/13/2023 10:28	42901 MIDD_T2	2	2	0	0.15	0.4	0.25	0	0	0	0	0	0	0	0
10/13/2023 10:29	53903 HAU_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/13/2023 10:31	46803 HEPB_T2	0	2	2	0	0.15	0.15	0	0	0	0	0	0	0	0
10/13/2023 10:32	64802 MONE_T2	4	15	11	0.48	0.3	-0.18	0.29	0.28	0	0	0	0	0	0
10/13/2023 10:32	47401 PENS_T1	0	0	0	0	0	0	0.9	0.86	0	0	0	0	0	0
10/13/2023 10:32	42001 MNVL_T2	4	5	1	0.48	0.48	0	0	0.02	0	0	0	0	0	0
10/13/2023 10:32	39601 LNFD_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/13/2023 10:33	47403 PENS_T1	1	1	0	2	1.5	-0.5	0	0	0	0	0	0	0	0
10/13/2023 10:34	59101 WALK_T2	2	2	0	0.6	0.2	-0.4	1.63	1.65	0	0	0	0	0	0
10/13/2023 10:34	13302 ORVI_T2	3	4	1	0.63	0.58	-0.05	0.98	0.99	0	0	0	0	0	0
10/13/2023 10:35	47401 PENS_T1	0	0	0	0	0	0	0.9	0.86	0	0	0	0	0	0
10/13/2023 10:35	66502 SMAN_T2	1	2	1	0.5	0.45	-0.05	0	0	0	0	0	0	0	0
10/13/2023 10:36	66502 SMAN_T2	1	2	1	0.5	0.45	-0.05	0	0	0	0	0	0	0	0
10/13/2023 10:36	44902 SCOT_T2	1	6	5	0.1	0.6	0.5	-0.93	-0.93	0	0	0	0	0	0
10/13/2023 10:36	64101 REFR_T1	0	0	0	0	0	0	0	0.03	0	0	0	0	0	0
10/13/2023 10:37	54206 PENN_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/13/2023 10:37	43301 WATS_T2	1	1	0	0.8	1	0.2	0.4	0.4	0	0	0	0	0	0
10/13/2023 10:42	46203 DANV_T2	2	6	4	1.1	0.8	-0.3	-0.15	-0.14	0	0	0	0	0	0
10/13/2023 10:43	45802 HEGI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/13/2023 10:44	58402 MORO_T1	0	0	0	0	0	0	-1.02	-1.02	2	2	0	1500	1500	0
10/13/2023 10:46	52401 GRPA_T2	1	2	1	0.3	0.2	-0.1	0	0	0	0	0	0	0	0
10/13/2023 10:47	42201 SHEN_T2	0	0	0	0	0	0	0.35	0.37	0	0	0	0	0	0
10/13/2023 10:48	47802 MOCA_T2	2	2	0	0.5	0.65	0.15	-1.06	-1	0	0	0	0	0	0
10/13/2023 10:48	66501 SMAN_T2	2	2	0	0.45	0.5	0.05	0	0	0	0	0	0	0	0
10/13/2023 10:48	44902 SCOT_T2	4	8	4	0.35	0.54	0.19	0	0	0	0	0	0	0	0
10/13/2023 10:48	56501 ROCK_T2	4	3	-1	0.4	0.43	0.03	-0.44	-0.43	0	0	0	0	0	0
10/13/2023 10:49	67001 STHI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/13/2023 10:49	58402 MORO_T1	0	0	0	0	0	0	-1.02	-1.02	2	2	0	1500	1500	0
10/13/2023 10:50	67402 WAKE_T2	0	1	1	0	0.6	0.6	0	0	0	0	0	0	0	0
10/13/2023 10:51	59102 WALK_T2	5	5	0	0.48	0.3	-0.18	0	0	0	0	0	0	0	0
10/13/2023 10:51	66701 STRA_T1	1	1	0	0.6	0.8	0.2	0	0	0	0	0	0	0	0
10/13/2023 10:54	15001 BLMO_T1	3	5	2	0.2	0.4	0.2	0	0	0	0	0	0	0	0
10/13/2023 10:56	28403 HART_T2	0	0	0	0	0	0	-1.01	-1.02	1	1	0	900	900	0
10/13/2023 10:58	45702 LIND_T2	1	1	0	0.9	1.4	0.5	-0.44	-0.45	0	0	0	0	0	0
10/13/2023 10:59	52002 LING_T2	1	1	0	1	1.2	0.2	0	0	0	0	0	0	0	0
10/13/2023 11:01	13105 NHAM_T2	0	0	0	0	0	0	-0.38	-0.37	1	1	0	1200	1200	0
10/13/2023 11:01	40101 HUNT_T2	1	1	0	0.1	0.2	0.1	-0.1	0.02	0	0	0	0	0	0
10/13/2023 11:02	52402 GRPA_T2	10	45	35	0.98	0.52	-0.46	0	0	0	0	0	0	0	0
10/13/2023 11:03	64802 MONE_T2	15	21	6	0.3	0.28	-0.02	0	0	0	0	0	0	0	0
10/13/2023 11:03	13701 SCHN_T2	8	7	-1	0.34	0.4	0.06	0	0	0	0	0	0	0	0
10/13/2023 11:03	47802 MOCA_T2	2	2	0	0.55	0.65	0.1	-1	-0.96	0	0	0	0	0	0
10/13/2023 11:05	67502 WEWI_T2	21	134	113	0.37	0.25	-0.12	0	0	0	0	0	0	0	0
10/13/2023 11:05	49804 UNIV_T1	1	2	1	0.1	0.45	0.35	0	0	0	0	0	0	0	0
10/13/2023 11:05	52402 GRPA_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/13/2023 11:06	56801 BENV_T1	50	57	7	0.8	1.18	0.38	-0.18	-0.2	0	0	0	0	0	0
10/13/2023 11:06	67503 WEWI_T2	2	6	4	0.15	0.22	0.07	0	0	0	0	0	0	0	0
10/13/2023 11:07	56801 BENV_T1	50	57	7	0.8	1.18	0.38	-0.18	-0.2	0	0	0	0	0	0
10/13/2023 11:07	59101 WALK_T2	2	2	0	0.1	0.9	0.8	1.67	1.34	0	0	0	0	0	0
10/13/2023 11:07	67001 STHI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/13/2023 11:07	42701 AUGU_T1	1	1	0	0.5	0.5	0	0	0	2	2	0	1800	1800	0
10/13/2023 11:07	67502 WEWI_T2	21	134	113	0.37	0.25	-0.12	-0.33	-0.39	0	0	0	0	0	0
10/13/2023 11:08	29402 BELT_T1	8	9	1	1.63	1.61	-0.02	0	0	0	0	0	0	0	0
10/13/2023 11:08	20402 ASHF_T2	1	3	2	0.2	0.3	0.1	0	0	0	0	0	0	0	0
10/13/2023 11:08	42701 AUGU_T1	1	1	0	0.5	0.5	0	0	0	2	2	0	1800	1800	0
10/13/2023 11:08	56802 BENV_T2	46	159	113	0.25	0.23	-0.02	-0.69	-0.72	0	0	0	0	0	0
10/13/2023 11:08	67401 WAKE_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/13/2023 11:09	67502 WEWI_T2	21	134	113	0.37	0.25	-0.12	0	0	0	0	0	0	0	0
10/13/2023 11:09	56801 BENV_T1	50	57	7	0.8	1.18	0.38	-0.18	-0.2	0	0	0	0	0	0
10/13/2023 11:09	60801 BUCK_T1	0	1	1	0	0.2	0.2	0	0	0	0	0	0	0	0
10/13/2023 11:09	52402 GRPA_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/13/2023 11:10	45902 AUBU_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/13/2023 11:10	60801 BUCK_T1	0	1	1	0	0.2	0.2	0	0	0	0	0	0	0	0
10/13/2023 11:10	54501 ENOL_T2	3	2	-1	0.17	0.2	0.03	-0.57	-0.57	1	1	0	600	600	0
10/13/2023 11:10	56803 BENV_T1	4	6	2	1.03	0.88	-0.15	0	0	0	0	0	0	0	0
10/13/2023 11:11	56603 HAMP_T1	4	0	-4	0.1	0	-0.1	0	0	0	0	0	0	0	0
10/13/2023 11:11	56802 BENV_T2	46	159	113	0.25	0.23	-0.02	-1.38	-1.44	0	0	0	0	0	0
10/13/2023 11:12	54505 ENOL_T2	1	1	0	0.8	0.9	0.1	0	0	0	0	0	0	0	0
10/13/2023 11:12	41801 GOCI_T2	15	134	119	0.4	0.35	-0.05	0	0	0	0	0	0	0	0
10/13/2023 11:12	54501 ENOL_T2	3	2	-1	0.17	0.2	0.03	-0.57	-0.57	1	1	0	600	600	0
10/13/2023 11:12	56801 BENV_T1	50	57	7	0.8	1.18	0.38	-0.36	-0.4	0	0	0	0	0	0
10/13/2023 11:12	46803 HEPB_T2	2	2	0	0.15	0.15	0	0.48	0.46	0	0	0	0	0	0
10/13/2023 11:12	45902 AUBU_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/13/2023 11:13	54501 ENOL_T2	3	2	-1	0.17	0.2	0.03	-0.57	-0.57	1	1	0	600	600	0
10/13/2023 11:13	39601 LNFD_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/13/2023 11:15	54505 ENOL_T2	1	1	0	0.9	0.8	-0.1	0	0	0	0	0	0	0	0
10/13/2023 11:16	58401 MORO_T1	1	2	1	0.4	0.6	0.2	-0.91	-0.92	1	1	0	600	600	0
10/13/2023 11:17	60502 NMAN_T2	0	0	0	0	0	0	-0.08	-0.07	0	0	0	0	0	0
10/13/2023 11:17	13302 ORVI_T2	5	5	0	0.54	0.54	0	1	1.01	0	0	0	0	0	0
10/13/2023 11:18	58401 MORO_T1	1	2	1	0.4	0.6	0.2	0	0	0	0	0	0	0	0
10/13/2023 11:18	42201 SHEN_T2	0	0	0	0	0	0	0.38	0.37	0	0	0	0	0	0
10/13/2023 11:19	13704 SCHN_T2	4	6	2	0.23	0.23	0	-0.33	-0.34	0	0	0	0	0	0
10/13/2023 11:19	58401 MORO_T1	1	2	1	0.4	0.6	0.2	-0.91	-0.92	1	1	0	600	600	0
10/13/2023 11:21	45402 WBLO_T2	2	4	2	0.35	0.58	0.23	-0.78	-0.78	0	0	0	0	0	0
10/13/2023 11:22	66701 STRA_T1	1	1	0	0.8	0.8	0	0	0	0	0	0	0	0	0
10/13/2023 11:22	56803 BENV_T1	5	6	1	0.94	0.88	-0.06	0	0	0	0	0	0	0	0
10/13/2023 11:23	56801 BENV_T1	51	57	6	1.08	1.17	0.09	-0.2	-0.18	0	0	0	0	0	0
10/13/2023 11:24	56801 BENV_T1	51	57	6	1.08	1.17	0.09	-0.2	-0.18	0	0	0	0	0	0
10/13/2023 11:24	46001 BERW_T1	0	0	0	0	0	0	0.97	0.84	0	0	0	0	0	0
10/13/2023 11:25	56801 BENV_T1	51	57	6	1.08	1.17	0.09	-0.4	-0.36	0	0	0	0	0	0
10/13/2023 11:26	46005 BERW_T1	2	0	-2	0.1	0	-0.1	0	0	0	0	0	0	0	0
10/13/2023 11:26	29401 BELT_T1	97	101	4	0.3	0.3	0	0	0	0	0	0	0	0	0
10/13/2023 11:26	56803 BENV_T1	5	6	1	0.94	0.88	-0.06	0	0	0	0	0	0	0	0
10/13/2023 11:27	56801 BENV_T1	51	57	6	1.08	1.17	0.09	-0.2	-0.18	0	0	0	0	0	0
10/13/2023 11:29	54504 ENOL_T2	1	1	0	0.2	0.8	0.6	0	0	0	0	0	0	0	0
10/13/2023 11:29	53903 HAU_T2	1	1	0	0.5	0.5	0	0	0	0	0	0	0	0	0
10/13/2023 11:30	42902 MIDD_T2	27	65	38	0.32	0.33	0.01	-0.25	-0.26	0	0	0	0	0	0
10/13/2023 11:31	58402 MORO_T1	0	0	0	0	0	0	-1.94	-2.12	4	4	0	3000	3000	0
10/13/2023 11:31	40902 JESH_T1	0	0	0	0	0	0	-0.65	-0.64	1	1	0	600	600	0
10/13/2023 11:33	58402 MORO_T1	0	0	0	0	0	0	-0.97	-1.06	2	2	0	1500	1500	0
10/13/2023 11:34	52401 GRPA_T2	1	3	2	0.2	0.3	0.1	0	0	0	0	0	0	0	0
10/13/2023 11:34	13105 NHAM_T2	0	2	2	0	0	0	-0.35	-0.37	1	1	0	1200	1200	0
10/13/2023 11:35	52403 GRPA_T2	5	10	5	0.62	0.43	-0.19	0.07	0.07	0	0	0	0	0	0
10/13/2023 11:35	65604 QVIL_T2	0	0	0	0	0	0	0.62	0.67	0	0	0	0	0	0
10/13/2023 11:37	24902 WHHA_T1	4	6	2	0.15	0.27	0.12	0	0	0	0	0	0	0	0
10/13/2023 11:38	20402 ASHF_T2	1	1	0	0.2	0.3	0.1	0	0	0	0	0	0	0	0
10/13/2023 11:38	44302 BEAV_T2	32	189	157	0.47	0.5	0.03	0.28	0.27	0	0	0	0	0	0
10/13/2023 11:38	42701 AUGU_T1	1	2	1	0.5

Appendix C - Grid Benefits Achieved in Each Instance of Active Management

10/13/2023 12:06	66903 SHIL_T2	4	5	1	0.25	0.28	0.03	0	0	0	0	0	0	0	0
10/13/2023 12:06	52401 GRPA_T2	3	6	3	0.17	0.47	0.3	0	0	0	0	0	0	0	0
10/13/2023 12:06	44901 SCOT_T2	49	18	-31	0.18	0.17	-0.01	0.33	0.25	0	0	0	0	0	0
10/13/2023 12:07	44302 BEAV_T2	180	255	75	0.5	0.54	0.04	0.29	0.28	0	0	0	0	0	0
10/13/2023 12:07	14402 SSLA_T1	10	12	2	0.44	0.46	0.02	0	0	0	0	0	0	0	0
10/13/2023 12:07	67002 STHI_T2	62	67	5	0.35	0.34	-0.01	0.72	0.76	0	0	0	0	0	0
10/13/2023 12:08	52402 GRPA_T2	20	28	8	0.83	0.84	0.01	0	0	0	0	0	0	0	0
10/13/2023 12:08	67002 STHI_T2	62	67	5	0.35	0.34	-0.01	0.72	0.76	0	0	0	0	0	0
10/13/2023 12:08	44302 BEAV_T2	180	255	75	0.5	0.54	0.04	0.29	0.28	0	0	0	0	0	0
10/13/2023 12:09	44302 BEAV_T2	180	255	75	0.5	0.54	0.04	0.58	0.56	0	0	0	0	0	0
10/13/2023 12:10	45901 AUBU_T1	0	1	1	0	0.1	0.1	0	0	0	0	0	0	0	0
10/13/2023 12:10	44301 BEAV_T2	5	4	-1	0.48	0.5	0.02	0	0	0	0	0	0	0	0
10/13/2023 12:11	45902 AUBU_T1	0	0	0	0	0	0	0	0	2	2	0	1200	1200	0
10/13/2023 12:14	45002 LIME_2	1	2	1	0.3	0.4	0.1	0	0	0	0	0	0	0	0
10/13/2023 12:15	45003 LIME_2	1	1	0	4.3	4.5	0.2	0	0	1	1	0	1200	1200	0
10/13/2023 12:15	54505 ENOL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/13/2023 12:16	23401 HONE_T2	2	2	0	0.65	0.65	0	-0.25	-0.18	0	0	0	0	0	0
10/13/2023 12:17	47402 PENS_T1	2	2	0	0.3	0.25	-0.05	0	0	0	0	0	0	0	0
10/13/2023 12:18	45003 LIME_2	1	1	0	4.3	4.5	0.2	0	0	1	1	0	1200	1200	0
10/13/2023 12:18	47402 PENS_T1	2	2	0	0.3	0.25	-0.05	0	0	0	0	0	0	0	0
10/13/2023 12:19	47401 PENS_T1	5	4	-1	0.28	0.33	0.05	1.14	1.09	0	0	0	0	0	0
10/13/2023 12:20	47403 PENS_T1	2	2	0	1.45	1.3	-0.15	0	0	0	0	0	0	0	0
10/13/2023 12:20	60305 TWVA_T2	0	0	0	0	0	0	-0.41	-0.44	0	2	2	0	2400	2400
10/13/2023 12:22	42701 AUGU_T1	2	2	0	0.5	0.6	0.1	0	0	2	2	0	1800	1800	0
10/13/2023 12:25	42701 AUGU_T1	2	2	0	0.5	0.6	0.1	0	0	4	4	0	3600	3600	0
10/13/2023 12:30	59301 MCAL_T1	93	80	-13	0.8	0.63	-0.17	0	0	0	0	0	0	0	0
10/13/2023 12:31	58401 MORO_T1	2	3	1	0.7	0.33	-0.37	-1.74	-1.74	2	2	0	1200	1200	0
10/13/2023 12:31	58401 MORO_T1	2	3	1	0.7	0.33	-0.37	-1.74	-1.74	2	2	0	1200	1200	0
10/13/2023 12:32	58401 MORO_T1	2	3	1	0.7	0.33	-0.37	-0.87	-0.87	1	1	0	600	600	0
10/13/2023 12:32	57603 RUTH_T2	5	4	-1	0.28	0.23	-0.05	0	0	0	0	0	0	0	0
10/13/2023 12:33	58401 MORO_T1	2	3	1	0.7	0.33	-0.37	-1.74	-1.74	2	2	0	1200	1200	0
10/13/2023 12:33	58402 MORO_T1	0	0	0	0	0	0	-1.09	-1.11	2	2	0	1500	1500	0
10/13/2023 12:34	58401 MORO_T1	2	3	1	0.7	0.33	-0.37	-0.87	-0.87	1	1	0	600	600	0
10/13/2023 12:34	58402 MORO_T1	0	0	0	0	0	0	-1.09	-1.11	2	2	0	1500	1500	0
10/13/2023 12:46	45003 LIME_2	1	1	0	4.3	4.4	0.1	0	0	1	1	0	1200	1200	0
10/13/2023 12:52	67401 WAKE_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/13/2023 12:56	45802 HEGI_T2	0	0	0	0	0	0	1.13	1.32	0	0	0	0	0	0
10/13/2023 13:05	47401 PENS_T1	2	5	3	0.15	0.2	0.05	1.11	1.11	0	0	0	0	0	0
10/13/2023 13:06	47403 PENS_T1	1	1	0	1.8	1.5	-0.3	0	0	0	0	0	0	0	0
10/13/2023 13:07	42701 AUGU_T1	2	2	0	0.4	0.5	0.1	0	0	2	2	0	1800	1800	0
10/13/2023 13:07	28604 BLYT_T2	2	3	1	0.2	0.2	0	-1.44	-1.43	0	0	0	0	0	0
10/13/2023 13:09	42701 AUGU_T1	2	2	0	0.4	0.5	0.1	0	0	2	2	0	1800	1800	0
10/13/2023 13:12	45902 AUBU_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/13/2023 13:12	53501 EVIL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/13/2023 13:14	53501 EVIL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/13/2023 13:15	45802 HEGI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/13/2023 13:16	20401 ASHF_T2	11	14	3	0.53	0.42	-0.11	0	0	0	0	0	0	0	0
10/13/2023 13:16	42401 GIMA_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/13/2023 13:21	43304 WATS_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/13/2023 13:22	43301 WATS_T2	1	1	0	1.1	0.8	-0.3	0	0	0	0	0	0	0	0
10/13/2023 13:23	45902 AUBU_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/13/2023 13:24	67401 WAKE_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/13/2023 13:31	45802 HEGI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/13/2023 13:34	67204 TEHI_T2	2	1	-1	0.35	0.3	-0.05	-0.1	-0.08	0	0	0	0	0	0
10/13/2023 13:36	67204 TEHI_T2	2	1	-1	0.35	0.3	-0.05	-0.1	-0.08	0	0	0	0	0	0
10/13/2023 13:37	43301 WATS_T2	1	1	0	0.8	0.8	0	0	0	0	0	0	0	0	0
10/13/2023 13:38	60801 BUCK_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/13/2023 13:39	45902 AUBU_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/13/2023 13:40	67401 WAKE_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/13/2023 13:40	52403 GRPA_T2	3	9	6	0.67	0.3	-0.37	0.12	0.09	0	0	0	0	0	0
10/13/2023 13:40	60801 BUCK_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/13/2023 13:44	54505 ENOL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/13/2023 13:47	45802 HEGI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/13/2023 13:49	46301 ROHR_T1	3	4	1	0.57	0.48	-0.09	0	0	0	0	0	0	0	0
10/13/2023 13:51	42701 AUGU_T1	2	2	0	0.25	0.3	0.05	0	0	2	2	0	1800	1800	0
10/13/2023 13:54	42701 AUGU_T1	2	2	0	0.25	0.3	0.05	0	0	2	2	0	1800	1800	0
10/13/2023 13:56	61303 EARL_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/13/2023 13:57	54701 NEBL_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/13/2023 13:58	23401 HONE_T2	1	1	0	1.2	1.3	0.1	-0.25	-0.28	0	0	0	0	0	0
10/13/2023 13:59	59302 MCAL_T1	2	2	0	0.95	0.8	-0.15	-0.17	-0.27	1	1	0	600	600	0
10/13/2023 13:59	45002 LIME_2	1	1	0	0.1	0.2	0.1	0	0	0	0	0	0	0	0
10/13/2023 14:00	59001 MIFF_T1	1	3	2	0.9	0.53	-0.37	0	0	0	0	0	0	0	0
10/13/2023 14:05	60502 NMAN_T2	0	0	0	0	0	0	-0.18	-0.19	0	0	0	0	0	0
10/13/2023 14:05	46301 ROHR_T1	4	4	0	0.43	0.38	-0.05	0	0	0	0	0	0	0	0
10/13/2023 14:06	46301 ROHR_T1	4	4	0	0.43	0.38	-0.05	0	0	0	0	0	0	0	0
10/13/2023 14:06	45902 AUBU_T1	1	2	1	0.1	0.15	0.05	0	0	1	1	0	600	600	0
10/13/2023 14:07	44302 BEAV_T2	60	376	316	0.33	0.53	0.2	0.24	0.24	0	0	0	0	0	0
10/13/2023 14:07	45902 AUBU_T1	1	2	1	0.1	0.15	0.05	0	0	1	1	0	600	600	0
10/13/2023 14:07	42701 AUGU_T1	2	3	1	0.25	0.33	0.08	0	0	2	2	0	1800	1800	0
10/13/2023 14:08	60803 BUCK_T1	1	1	0	0.2	0.1	-0.1	-0.93	-0.93	1	1	0	600	600	0
10/13/2023 14:08	60801 BUCK_T1	3	3	0	0.4	0.4	0	-0.14	-0.15	0	0	0	0	0	0
10/13/2023 14:09	60803 BUCK_T1	1	1	0	0.2	0.1	-0.1	-0.93	-0.93	1	1	0	600	600	0
10/13/2023 14:10	42701 AUGU_T1	2	3	1	0.25	0.33	0.08	0	0	2	2	0	1800	1800	0
10/13/2023 14:10	53501 EVIL_T2	9	10	1	0.33	0.72	0.39	0.11	0.08	0	0	0	0	0	0
10/13/2023 14:11	52401 GRPA_T2	4	4	0	0.45	0.58	0.13	0	0	0	0	0	0	0	0
10/13/2023 14:11	53501 EVIL_T2	9	10	1	0.33	0.72	0.39	0.11	0.08	0	0	0	0	0	0
10/13/2023 14:12	60801 BUCK_T1	3	3	0	0.4	0.4	0	-0.14	-0.15	0	0	0	0	0	0
10/13/2023 14:13	53501 EVIL_T2	9	10	1	0.33	0.72	0.39	0.11	0.08	0	0	0	0	0	0
10/13/2023 14:15	45802 HEGI_T2	0	0	0	0	0	0	1.1	1.11	0	0	0	0	0	0
10/13/2023 14:16	58402 MORO_T1	0	0	0	0	0	0	-1.05	-1.06	2	2	0	1500	1500	0
10/13/2023 14:16	16402 MOPO_T1	0	0	0	0	0	0	0.77	0.75	0	0	0	0	0	0
10/13/2023 14:17	53901 HAU_T2	1	3	2	0.7	0.33	-0.37	0	0	0	0	0	0	0	0
10/13/2023 14:18	65602 QVIL_T2	0	1	1	0	0	0	0	0	0	0	0	0	0	0
10/13/2023 14:20	65604 QVIL_T2	0	0	0	0	0	0	0.32	0.28	0	0	0	0	0	0
10/13/2023 14:20	60501 NMAN_T2	3	3	0	5.1	5.1	0	0	0	0	0	0	0	0	0
10/13/2023 14:21	43304 WATS_T2	0	0	0	0	0	0	-1.41	-1.46	0	0	0	0	0	0
10/13/2023 14:21	45902 AUBU_T1	2	0	-2	0.15	0	-0.15	0	0	1	1	0	600	600	0
10/13/2023 14:21	46302 ROHR_T1	6	5	-1	1.93	1.96	0.03	0	0	0	0	0	0	0	0
10/13/2023 14:21	44301 BEAV_T2	5	10	5	0.36	0.38	0.02	0	0	0	0	0	0	0	0
10/13/2023 14:22	42701 AUGU_T1	2	3	1	0.3	0.4	0.1	0	0	2	2	0	1800	1800	0
10/13/2023 14:22	45902 AUBU_T1	2	0	-2	0.15	0	-0.15	0	0	1	1	0	600	600	0
10/13/2023 14:22	60803 BUCK_T1	1	1	0	0.1	0.1	0	0	0	0	0	0	0	0	0
10/13/2023 14:23	43304 WATS_T2	0	0	0	0	0	0	-0.47	-0.49	0	0	0	0	0	0
10/13/2023 14:23	43301 WATS_T2	0	1	1	0	0.1	0.1	0.38	0.39	0	0	0	0	0	0
10/13/2023 14:23	44301 BEAV_T2	5	10	5	0.36	0.38	0.02	0	0	0	0	0	0	0	0
10/13/2023 14:24	60803 BUCK_T1	1	1	0	0.1	0.1	0	0	0	0	0	0	0	0	0
10/13/2023 14:24	52401 GRPA_T2	2	9	7	0.75	0.23	-0.52	0	0	0	0	0	0	0	0
10/13/2023 14:24	43304 WATS_T2	0	0	0	0	0	0	-0.94	-0.97	0	0	0	0	0	0
10/13/2023 14:25	52401 GRPA_T2	2	9	7	0.75	0.23	-0.52	-0.51	-0.39	0	0	0	0	0	0
10/13/2023 14:25	44302 BEAV_T2	153	379	226	0.35	0.53	0.18	0.24	0.28	0	0	0	0	0	0
10/13/2023 14:25	43304 WATS_T2	0	0	0	0	0	0	-0.94	-0.97	0	0	0	0	0	0
10/13/2023 14:26	28602 BLYT_T2	1	1	0	0.2	0.1	-0.1	0	0	0	0	0	0	0	0
10/13/2023 14:26	43301 WATS_T2	0	1	1	0	0.1	0.1	0	0	0	0	0	0	0	0
10/13/2023 14:26	42701 AUGU_T1	2	3	1	0.3	0.4	0.1	0	0	2	2	0	1800	1800	0
10/13/2023 14:26	44302 BEAV_T2	153	379	226	0.35	0.53	0.18	0.48	0.56	0	0	0	0	0	0
10/13/2023 14:27	44301 BEAV_T2	5	10	5	0.36	0.38	0.02	0	0	0	0	0	0	0	0
10/13/2023 14:27	52401 GRPA_T2	2	9	7	0.75	0.23	-0.52	0	0	0	0	0	0	0	0
10/13/2023 14:28	28604 BLYT_T2	0	3	3	0	0.15	0.15	-1.44	-1.45	0	0	0	0	0	0
10/13/2023 14:30	59301 MCAL_T1	90	97	7	0.83	0.96	0.13	0	0	0	0	0	0	0	0
10/13/2023 14:30	45802 HEGI_T2	0	0	0	0	0	0	1.11	1.03	0	0	0	0	0	0
10/13/2023 14:30	23401 HONE_T2	1	1	0	1.1	1.1	0	-0.29	-0.21	0	0	0	0	0	0
10/13/2023 14:32	13701 SCHN_T2	5	6	1	0.2	0.28	0.08	0	0	0	0	0	0	0	0
10/13/2023 14:33	13701 SCHN_T2	5	6	1	0.2	0.28	0.08	0	0	0	0	0	0	0	0
10/13/2023 14:33	47802 MOCA_T2	1	1	0	0.4	0.6	0.2	-0.94	-1.01	0	0	0	0	0	0
10/13/2023 14:34	13701 SCHN_T2	5	6	1	0.2	0.28	0.08	0	0	0	0	0	0	0	0
10/13/2023 14:35	65004 NEFF_T2	1	2	1	1	0.9	-0.1	0	0	0	0	0	0	0	0
10/13/2023 14:36	67401 WAKE_T2	6	7	1	0.43	0.43	0	-1.11	-1.06	0	0	0	0	0	0
10/13/2023 14:36	44301 BEAV_T2	10	6	-4	0.38	0.32	-0.06	0	0	0	0	0	0	0	0
10/13/2023 14:37	44301 BEAV_T2	10	6	-4	0.38	0.32	-0.06	0	0	0	0	0	0	0	0
10/13/2023 14:37	45902 AUBU_T1	0	0	0	0	0	0	0	0	1	1	0	600	600	0
10/13/2023 14:38	43304 WATS_T2	0	1	1	0	0	0	0	0	0	0	0	0	0	0
10/13/2023 14:38	60801 BUCK_T1	2	16	14	0.45	0.17	-0.28	-0.13	-0.13	0	0	0	0	0	0
10/13/2023 14:38	44302 BEAV_T2	376	304	-72	0.53	0.44	-0.09	0.28	0.31	0	0	0	0	0	0
10/13/2023 14:38	45902 AUBU_T1	0	0	0	0	0	0	0	0	1	1	0	600	600	0
10/13/2023 14:39	43301 WATS_T2	0	2	2	0	0.15	0.15	0	0	0	0	0	0	0	0
10/13/2023 14:39	52404 GRPA_T2	1	1	0	0.2	0.4	0.2	0	0	0	0	0	0	0	0
10/13/2023 14:40	20403 ASHF_T2	15	195	180	0.53	0.31	-0.22	0.16	0.16	0	0	0	0	0	0
10/13/2023 14:40	60803 BUCK_T1	1	1	0	0.1	0.1	0	0	0	0	0	0	0	0	0
10/13/2023 14:40	44301 BEAV_T2	10	6	-4	0.38	0.32	-0.06	0	0	0	0	0	0	0	0
10/13/2023 14:41	45802 HEGI_T2	0	0	0	0	0	0	1.11	1.03	0	0	0	0	0	0
10/13/2023 14:41	20402 ASHF_T2	1	2	1	0.2	0.15	-0.05	0	0	0	0	0	0	0	0
10/13/2023 14:42	28604 BLYT_T2	1	3	2	0.1	1.67	1.57	-2.9	-2.88	0	0	0	0	0	0
10/13/2023 14:42	44301 BEAV_T2	10	6	-4	0.38	0.32	-0.06	0	0	0	0	0	0	0	0
10/13/2023 14:43	52403 GRPA_T2	13	12	-1	0.25	0.43	0.18	0.16	0.08	0	0	0	0	0	0
10/13/2023 14:44	47802 MOCA_T2	1	1	0	0.4	0.6	0.2	-1.01	-1.05	0	0	0	0	0	0
10/13/2023 14:45	23401 HONE_T2	1	2	1	1.1	0.55	-0.55	-0.21	-0.34	0	0	0	0	0	0
10/13/2023 14:45	47002 HUGH_T2	0	13	13	0	0.22	0.22	0	0	0	0	0	0	0	0
10/13/2023 14:45	15001 BLMO_T1	4	3	-1	1.6	0.37	-1.23	0	0	0	0	0	0	0	0
10/13/2023 14:46	59302 MCAL_T1	6	6	0	0.35	0.43	0.08	-0.24	-0.24	1	1	0	600	600	0
10/13/2023 14:46	40101 HUNT_T2	0	0	0	0	0	0	-0.19	-0.18	0	0	0	0	0	0
10/13/2023 14:47	40101 HUNT_T2	0	0	0	0	0	0	-0.38	-0.36	0	0	0	0	0	0
10/13/2023 14:47	45001 LIME_2	23	37	14	0.24	0.48	0.24	0	0	0	0	0	0	0	0
10/13/2023 14:48	58402 MORO_T1	0	0	0	0	0	0	-1.01	-1.14	2	2	0	1500	1500	0
10/13/2023 14:48	13704 SCHN_T2	1	2	1	0.3	0.35	0.05	-0.32	-0.33	0	0	0	0	0	0
10/13/2023 14:48	45702 LIND_T2	1	1	0	1.6	1.3	-0.3	-0.36	-0.4	0	0	0	0	0	0
10/13/2023 14:49	13704 SCHN_T2	1	2	1	0.3	0.35	0.05	-0.32	-0.33	0	0	0	0	0	0
10/13/2023 14:49	66903 SHIL_T2	0	1	1	0	0.1	0.1	0	0	0	0	0	0	0	0
10/13/2023 14:49	65604 QVIL_T2	0	0	0	0	0	0	0.3	0.31	0	0	0	0	0	0
10/13/2023 14:50	13704 SCHN_T2	1	2	1	0.3	0.35	0.05	-0.32	-0.33	0	0	0	0	0	0
10/13/2023 14:50	65601 QVIL_T2	1	1	0	0.1	0.2	0.1	0	0	0	0	0	0	0	0
10/13/2023 14:51	42201 SHEN_T2	2	2	0	1.4	1.3	-0.1	0.38	0.38	0	0	0	0	0	0
10/13/2023 14:52	20403 ASHF_T2	120	191	71	0.32	0.32	0	0.16	0.14	0	0	0	0	0	0
10/13/2023 14:52	42701 AUGU_T1	2	2	0	0.5	0.6	0.1	0	0	2	2	0	1800	1800	0
10/13/2023 14:53	54701 NEBL_T1	7	3	-4	0.36	0.43	0.07	0	0	1	1	0	600	600	0
10/13/2023 14:54	61302 EARL_T1	1	1	0	0.7	0.5	-0.2	0	0	0	0	0	0	0	0
10/13/2023 14:54	42701 AUGU_T1	2	2	0	0.5	0.6	0.1	0	0	2	2	0	1800	1800	0
10/13/2023 14:54	59101 WALK_T2	6	2	-4	0.4	0.8	0.4	0.94	1.19	0	0	0	0	0	0
10/13/2023 14:54	10805 CHNI_T2	2	3	1	3.85	2.67	-1.18	-1.34	-1.35	1	1	0	1200	1200	0
10/13/2023 14:56	52401 GRPA_T2	8	6	-2	0.25	0.3	0.05	-0.42	-0.42	0	0	0	0	0	0
10/13/2023 14:56	20403 ASHF_T2	120	191	71	0.32	0.32	0	0.16	0.14	0	0	0	0	0	0
10/13/2023 14:56	28805 LAKE_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/13/2023 15:00	59102 WALK_T2	3	1	-2	0.4	0.3	-0.1	0	0	0	0	0	0	0	0
10/13/2023 15:00	28801 LAKE_T1	284	285	1	0.74	0.61	-0.13	0	0	0	0	0	0	0	0
10/13/2023 15:01	65002 NEFF_T2	2	8	6	0.15	0.15	0	0	0	0	0	0	0	0	0
10/13/2023 15:02	13105 NHAM_T2	0	0	0	0	0	0	-0.33	-0.29	1	1	0	1200	1200	0
10/13/2023 15:02	40902 JESH_T1	0	0	0	0	0	0	-1.08	-0.42	1	0	-1	600	0	-600
10/13/2023 15:03	46302 ROHR_T1	7	6	-1	1.54	1.72	0.18	0	0	0	0	0	0	0	0

10/13/2023 19:36	56802 BENV_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/13/2023 19:36	46302 ROHR_T1	4	3	-1	1.73	2.5	0.77	0	0	0	0	0	0	0	0
10/13/2023 19:36	47101 MARL_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/13/2023 19:36	45902 AUBU_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/13/2023 19:37	46004 BERW_T2	0	1	1	0	0	0	0	0	0	0	0	0	0	0
10/13/2023 19:38	67001 STHI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/13/2023 19:39	46203 DANV_T2	7	9	2	0.16	0.16	0	0	0	0	0	0	0	0	0
10/13/2023 19:39	43302 WATS_T2	4	4	0	0.33	0.35	0.02	0	0	0	0	0	0	0	0
10/13/2023 19:40	54701 NEBL_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/13/2023 19:40	43304 WATS_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/13/2023 19:40	47101 MARL_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/13/2023 19:41	44703 MUNC_T2	3	3	0	1	1	0	0	0	0	0	0	0	0	0
10/13/2023 19:41	56802 BENV_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/13/2023 19:41	54505 ENOL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/13/2023 19:41	46301 ROHR_T1	2	4	2	0.1	0.1	0	0	0	0	0	0	0	0	0
10/13/2023 19:42	67401 WAKE_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/13/2023 19:43	42901 MIDD_T2	348	434	86	0.58	0.59	0.01	0	0	0	0	0	0	0	0
10/13/2023 19:43	54701 NEBL_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/13/2023 19:43	61303 EARL_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/13/2023 19:44	56802 BENV_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/13/2023 19:44	45802 HEGI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/13/2023 19:44	46203 DANV_T2	7	9	2	0.16	0.16	0	0	0	0	0	0	0	0	0
10/13/2023 19:45	43301 WATS_T2	1	1	0	0.9	1.2	0.3	0	0	0	0	0	0	0	0
10/13/2023 19:45	45402 WBLO_T2	38	34	-4	0.19	0.25	0.06	0	0	0	0	0	0	0	0
10/13/2023 19:45	60801 BUCK_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/13/2023 19:45	53903 HALI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/13/2023 19:46	42903 MIDD_T2	86	131	45	0.36	0.49	0.13	0	0	0	0	0	0	0	0
10/13/2023 19:47	40602 PIGR_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/13/2023 19:48	42901 MIDD_T2	391	477	86	0.57	0.7	0.13	0	0	0	0	0	0	0	0
10/13/2023 19:49	51201 MTON_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/13/2023 20:24	56802 BENV_T2	6	22	16	0.28	0.15	-0.13	-0.7	-0.69	0	0	0	0	0	0
10/13/2023 20:26	25801 SUTR_T2	0	0	0	0	0	0	-0.08	-0.08	0	0	0	0	0	0
10/13/2023 20:27	60801 BUCK_T1	25	38	13	0.17	0.19	0.02	0	0	0	0	0	0	0	0
10/13/2023 20:28	60305 TWVA_T2	0	0	0	0	0	0	0.05	-0.22	2	2	0	2400	2400	0
10/13/2023 20:28	15001 BLMO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/13/2023 20:28	17805 GILB_T2	0	0	0	0	0	0	-0.13	0.14	0	0	0	0	0	0
10/13/2023 20:29	56802 BENV_T2	6	22	16	0.28	0.15	-0.13	-0.69	-0.77	0	0	0	0	0	0
10/13/2023 20:29	65602 QVIL_T2	4	9	5	0.1	0.24	0.14	0	0	0	0	0	0	0	0
10/13/2023 20:29	61303 EARL_T1	0	0	0	0	0	0	0.15	0.15	0	0	0	0	0	0
10/13/2023 20:30	59101 WALK_T2	1	1	0	0	0	0	1.5	1.39	0	0	0	0	0	0
10/13/2023 20:30	29402 BELT_T1	0	300	300	0	1.38	1.38	0	0	0	0	0	0	0	0
10/13/2023 20:30	39601 LNFD_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/13/2023 20:31	52002 LING_T2	1	1	0	1.6	1.8	0.2	0	0	0	0	0	0	0	0
10/13/2023 20:31	29401 BELT_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/13/2023 20:31	67002 STHI_T2	366	516	150	0.2	0.25	0.05	0.65	0.58	0	0	0	0	0	0
10/13/2023 20:31	66505 SMAN_T2	3	0	-3	0.53	0	-0.53	-0.27	-0.19	1	1	0	900	900	0
10/13/2023 20:31	28805 LAKE_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/13/2023 20:31	17805 GILB_T2	0	0	0	0	0	0	0.14	0.13	0	0	0	0	0	0
10/13/2023 20:32	47401 PENS_T1	0	0	0	0	0	0	0.67	0.72	0	0	0	0	0	0
10/13/2023 20:32	13503 MCMI_T2	0	0	0	0	0	0	-0.01	-0.01	0	0	0	0	0	0
10/13/2023 20:33	52404 GRPA_T2	1	1	0	0.4	0.7	0.3	0	0	0	0	0	0	0	0
10/13/2023 20:33	67502 WEWI_T2	5	40	35	0.12	0.15	0.03	0	0	0	0	0	0	0	0
10/13/2023 20:33	54502 ENOL_T2	1	1	0	0.2	0.5	0.3	0	0	0	0	0	0	0	0
10/13/2023 20:33	41801 GOCI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/13/2023 20:33	56603 HAMP_T1	93	114	21	0.29	0.47	0.18	0	0	0	0	0	0	0	0
10/13/2023 20:33	53903 HALI_T2	2	2	0	1.3	1.1	-0.2	-0.15	-0.12	0	0	0	0	0	0
10/13/2023 20:33	56801 BENV_T1	22	21	-1	0.48	0.52	0.04	-0.6	-0.63	0	0	0	0	0	0
10/13/2023 20:34	59101 WALK_T2	1	1	0	0	0	0	1.5	1.39	0	0	0	0	0	0
10/13/2023 20:35	20402 ASHF_T2	0	1	1	0	0.1	0.1	0	0	0	0	0	0	0	0
10/13/2023 20:35	42002 MNVL_T2	1	1	0	1.8	1.7	-0.1	0	0	0	0	0	0	0	0
10/13/2023 20:35	46801 HEPB_T2	2	2	0	0.7	0.7	0	0.51	0.52	0	0	0	0	0	0
10/13/2023 20:35	56802 BENV_T2	22	17	-5	0.15	0.14	-0.01	-0.69	-0.77	0	0	0	0	0	0
10/13/2023 20:36	13704 SCHN_T2	6	5	-1	0.28	0.34	0.06	-0.45	-0.44	0	0	0	0	0	0
10/13/2023 20:36	14401 SSLA_T1	6	28	22	0.3	0.17	-0.13	0	0	0	0	0	0	0	0
10/13/2023 20:36	58402 MORO_T1	0	10	10	0	0.12	0.12	-1.25	-1.25	2	2	0	1500	1500	0
10/13/2023 20:37	67502 WEWI_T2	5	40	35	0.12	0.15	0.03	-0.54	-0.55	0	0	0	0	0	0
10/13/2023 20:37	56801 BENV_T1	22	21	-1	0.48	0.52	0.04	-0.2	-0.21	0	0	0	0	0	0
10/13/2023 20:37	10801 CHHI_T1	0	0	0	0	0	0	-1.05	-1.05	1	1	0	900	900	0
10/13/2023 20:37	47002 HUGH_T2	0	2	2	0	0.25	0.25	0	0	0	0	0	0	0	0
10/13/2023 20:37	47401 PENS_T1	0	0	0	0	0	0	0.67	0.72	0	0	0	0	0	0
10/13/2023 20:37	15001 BLMO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/13/2023 20:38	43301 WATS_T2	1	1	0	1.1	1.3	0.2	0	0	0	0	0	0	0	0
10/13/2023 20:38	52402 GRPA_T2	4	4	0	0.95	1.63	0.68	0	0	0	0	0	0	0	0
10/13/2023 20:38	60803 BUCK_T1	11	18	7	0.33	0.31	-0.02	-1.04	-1.03	1	1	0	600	600	0
10/13/2023 20:38	40101 HUNT_T2	0	0	0	0	0	0	-0.61	-0.65	0	0	0	0	0	0
10/13/2023 20:38	56801 BENV_T1	22	21	-1	0.48	0.52	0.04	-0.4	-0.42	0	0	0	0	0	0
10/13/2023 20:38	65602 QVIL_T2	5	9	4	0.2	0.24	0.04	0	0	0	0	0	0	0	0
10/13/2023 20:38	53601 DALM_T2	1	1	0	0.5	0.7	0.2	-0.09	-0.1	0	0	0	0	0	0
10/13/2023 20:38	56802 BENV_T2	22	17	-5	0.15	0.14	-0.01	-1.38	-1.54	0	0	0	0	0	0
10/13/2023 20:38	67401 WAKE_T2	0	4	4	0	0.1	0.1	-0.93	-0.93	0	0	0	0	0	0
10/13/2023 20:38	13302 ORVI_T2	27	120	93	0.19	0.16	-0.03	0.69	0.71	0	0	0	0	0	0
10/13/2023 20:39	56802 BENV_T2	22	17	-5	0.15	0.14	-0.01	-0.69	-0.77	0	0	0	0	0	0
10/13/2023 20:39	47401 PENS_T1	0	0	0	0	0	0	0.67	0.72	0	0	0	0	0	0
10/13/2023 20:39	46803 HEPB_T2	0	0	0	0	0	0	0.4	0.44	0	0	0	0	0	0
10/13/2023 20:39	52402 GRPA_T2	4	4	0	0.95	1.63	0.68	0	0	0	0	0	0	0	0
10/13/2023 20:39	49803 UNIV_T1	0	0	0	0	0	0	0.13	0.1	0	0	0	0	0	0
10/13/2023 20:39	42703 AUGU_T1	0	0	0	0	0	0	0	0	2	2	0	1800	1800	0
10/13/2023 20:39	56803 BENV_T1	2	8	6	0.1	0.15	0.05	0	0	0	0	0	0	0	0
10/13/2023 20:39	46001 BERW_T1	0	0	0	0	0	0	0.88	0.78	0	0	0	0	0	0
10/13/2023 20:39	28403 HART_T2	0	0	0	0	0	0	-0.86	-0.87	1	1	0	900	900	0
10/13/2023 20:40	13701 SCHN_T2	15	57	42	0.13	0.14	0.01	0	0	0	0	0	0	0	0
10/13/2023 20:40	56801 BENV_T1	22	21	-1	0.48	0.52	0.04	-0.2	-0.21	0	0	0	0	0	0
10/13/2023 20:40	42701 AUGU_T1	0	0	0	0	0	0	0	0	2	2	0	1800	1800	0
10/13/2023 20:41	43301 WATS_T2	1	1	0	1.1	1.3	0.2	0	0	0	0	0	0	0	0
10/13/2023 20:41	44302 BEAV_T2	508	507	-1	0.98	0.93	-0.05	0.22	0.22	0	0	0	0	0	0
10/13/2023 20:41	64802 MONE_T2	0	0	0	0	0	0	0.22	0.22	0	0	0	0	0	0
10/13/2023 20:41	56603 HAMP_T1	93	114	21	0.29	0.47	0.18	0	0	0	0	0	0	0	0
10/13/2023 20:41	56802 BENV_T2	22	17	-5	0.15	0.14	-0.01	-0.69	-0.77	0	0	0	0	0	0
10/13/2023 20:41	61801 EELI_T2	2	2	0	1.35	1.45	0.1	-0.42	-0.39	0	0	0	0	0	0
10/13/2023 20:41	66901 SHIL_T2	1	1	0	0.1	0.2	0.1	-0.41	-0.4	0	0	0	0	0	0
10/13/2023 20:41	43202 MVIL_T2	66	74	8	0.55	0.57	0.02	-0.75	-0.72	0	0	0	0	0	0
10/13/2023 20:41	45702 LIND_T2	1	1	0	0.3	0.6	0.3	-0.48	-0.48	0	0	0	0	0	0
10/13/2023 20:41	15001 BLMO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/13/2023 20:41	46801 HEPB_T2	2	2	0	0.7	0.7	0	0.51	0.52	0	0	0	0	0	0
10/13/2023 20:42	52404 GRPA_T2	1	1	0	0.4	0.7	0.3	0	0	0	0	0	0	0	0
10/13/2023 20:42	56801 BENV_T1	22	21	-1	0.48	0.52	0.04	-0.2	-0.21	0	0	0	0	0	0
10/13/2023 20:42	43304 WATS_T2	0	0	0	0	0	0	-0.62	-0.59	0	0	0	0	0	0
10/13/2023 20:42	47403 PENS_T1	0	1	1	0	2	2	0	0	0	0	0	0	0	0
10/13/2023 20:42	42201 SHEN_T2	0	0	0	0	0	0	0.33	0.34	0	0	0	0	0	0
10/13/2023 20:42	13701 SCHN_T2	15	57	42	0.13	0.14	0.01	0	0	0	0	0	0	0	0
10/13/2023 20:42	58402 MORO_T1	0	10	10	0	0.12	0.12	-1.25	-1.25	2	2	0	1500	1500	0
10/13/2023 20:42	43001 ALWD_T1	15	15	0	0.34	0.33	-0.01	0	0	0	0	0	0	0	0
10/13/2023 20:43	59101 WALK_T2	1	1	0	0	0	0	1.5	1.39	0	0	0	0	0	0
10/13/2023 20:43	46203 DANV_T2	3	11	8	0.13	0.15	0.02	-0.36	-0.36	0	0	0	0	0	0
10/13/2023 20:43	45802 HEGI_T2	0	0	0	0	0	0	0.66	0.68	0	0	0	0	0	0
10/13/2023 20:43	40901 JESH_T1	31	36	5	0.27	0.21	-0.06	0	0	0	0	0	0	0	0
10/13/2023 20:43	56803 BENV_T1	2	8	6	0.1	0.15	0.05	0	0	0	0	0	0	0	0
10/13/2023 20:43	40101 HUNT_T2	0	0	0	0	0	0	-0.61	-0.65	0	0	0	0	0	0
10/13/2023 20:43	45702 LIND_T2	1	1	0	0.3	0.6	0.3	-0.48	-0.48	0	0	0	0	0	0
10/13/2023 20:43	46001 BERW_T1	0	0	0	0	0	0	0.88	0.78	0	0	0	0	0	0
10/13/2023 20:43	54701 NEBL_T1	3	6	3	0.37	0.33	-0.04	0	0	2	2	0	1200	1200	0
10/13/2023 20:44	45001 LIME_2	27	27	0	0.44	0.49	0.05	0	0	0	0	0	0	0	0
10/13/2023 20:44	56802 BENV_T2	22	17	-5	0.15	0.14	-0.01	-1.54	-1.44	0	0	0	0	0	0
10/13/2023 20:44	43302 WATS_T2	4	4	0	0.33	0.33	0	0	0	0	0	0	0	0	0
10/13/2023 20:44	58402 MORO_T1	0	10	10	0	0.12	0.12	-1.25	-1.28	2	2	0	1500	1500	0
10/13/2023 20:44	66703 STRA_T1	0	1	1	0	0.2	0.2	-0.41	-0.44	0	0	0	0	0	0
10/13/2023 20:45	52404 GRPA_T2	1	1	0	0.6	0.8	0.2	0	0	0	0	0	0	0	0
10/13/2023 20:45	44302 BEAV_T2	507	0	-507	0.93	0	-0.93	0.22	0.19	0	0	0	0	0	0
10/13/2023 20:50	53901 HALI_T2	1	1	0	0.3	0.3	0	0	0	0	0	0	0	0	0
10/13/2023 20:50	44301 BEAV_T2	15	0	-15	0.83	0	-0.83	0	0	0	0	0	0	0	0
10/13/2023 20:51	45003 LIME_2	2	2	0	2.4	2.25	-0.15	0	0	1	1	0	1200	1200	0
10/13/2023 20:55	56802 BENV_T2	4	134	130	0.28	0.22	-0.06	-1.54	-1.44	0	0	0	0	0	0
10/13/2023 22:24	42503 ALTA_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/13/2023 23:42	65001 NEFF_T2	0	7	7	0	0.17	0.17	-1.38	-1.39	1	1	0	1200	1200	0
10/13/2023 23:44	65001 NEFF_T2	0	7	7	0	0.17	0.17	-1.39	-1.46	1	1	0	1200	1200	0
10/14/2023 0:28	56503 ROCK_T2	163	233	70	0.23	0.35	0.12	0	0	0	0	0	0	0	0
10/14/2023 0:28	67503 WEWI_T2	0	0	0	0	0	0	-1.22	-1.28	0	0	0	0	0	0
10/14/2023 0:28	17804 GILB_T2	0	0	0	0	0	0	-0.6	-0.6	0	0	0	0	0	0
10/14/2023 0:28	65001 NEFF_T2	109	222	113	0.15	0.23	0.08	-1.4	-1.42	1	1	0	1200	1200	0
10/14/2023 0:28	43301 WATS_T2	0	0	0	0	0	0	0.29	0.3	0	0	0	0	0	0
10/14/2023 0:28	10805 CHHI_T2	1	1	0	7.7	7.7	0	-0.83	-0.87	0	0	0	0	0	0
10/14/2023 0:28	13105 NHAM_T2	0	0	0	0	0	0	-0.46	-0.45	1	1	0	1200	1200	0
10/14/2023 0:28	47101 MARL_T1	0	0	0	0	0	0	-1.44	-1.31	0	0	0	0	0	0
10/14/2023 0:28	52401 GRPA_T2	0	1	1	0	0.2	0.2	0	0	0	0	0	0	0	0
10/14/2023 0:28	56801 BENV_T1	31	38	7	0.81	0.95	0.14	-2.79	-2.73	3	3	0	1800	1800	0
10/14/2023 0:28	45902 AUBU_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/14/2023 0:28	61304 EARL_T1	1	0	-1	0.1	0	-0.1	0	0	0	0	0	0	0	0
10/14/2023 0:28	46001 BERW_T1	0	0	0	0	0	0	1.22	1.06	0	0	0	0	0	0
10/14/2023 0:28	56802 BENV_T2	1	1	0	0.2	0.1	-0.1	-2.4	-2.4	0	0	0	0	0	0
10/14/2023 0:28	42902 MIDD_T2	1	0	-1	0.1	0	-0.1	-1.68	-1.62	0	0	0	0	0	0
10/14/2023 0:28	40101 HUNT_T2	0	0	0	0	0	0	-0.8	-0.81	0	0	0	0	0	0
10/14/2023 0:28	44302 BEAV_T2	0	0	0	0	0	0	0.63	0.63	0	0	0	0	0	0
10/14/2023 0:28	67001 STHI_T2	6	0	-6	0.1	0	-0.1	0	0.01	0	0	0	0	0	0
10/14/2023 0:28	42201 SHEN_T2	0	0	0	0	0	0	0.29	0.27	0	0	0	0	0	0
10/14/2023 0:28	64801 MONE_T2	0	0	0	0	0	0	0.31	0.32	0	0	0	0	0	0
10/14/2023 0:28	67502 WEWI_T2	0	1	1	0	0.1	0.1	-6.61	-6.57	4	4	0	3600	3600	0
10/14/2023 0:28	54505 ENOL_T2	1	1	0	0.8	0.8	0	0	0	0	0	0	0	0	0
10/14/2023 0:28	29402 BELT_T1	1	1	0	8.8	9.2	0.4	0	0	0	0	0	0	0	0
10/14/2023 0:28	16402 MOPO_T1	0	0	0	0	0	0	0.49	0.5	0	0	0	0	0	0
10/14/2023 0:28	60801 BUCK_T1	0	0	0	0	0	0	-0.56	-0.56	0	0	0	0	0	0
10/14/2023 0:28	43202 MVIL_T2	47	53	6	0.18	0.24	0.06	-0.77	-0.76	0	0	0	0	0	0
10/14/2023 0:28	67605 WARW_T1	33	41	8	0.48	0.66	0.18	-1.34	-1.38	0	0	0	0	0	0
10/14/2023 0:28	46301 ROHR_T1	0	0	0	0	0	0	0.15	0.13	0	0	0	0	0	0
10/14/2023 0:28	41901 REED_T1	0	0	0	0	0	0	-2.17	-2.17	1	1	0	900	900	0
10/14/2023 0:28	67002 STHI_T2	0	0	0	0	0	0	1.44	1.38	0	0	0	0	0	0
10/14/2023 0:28	28403 HART_T2	0	0	0	0	0	0	-0.92	-0.91	1	1	0	900	900	0
10/14/2023 0:28	15001 BLMO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/14/2023 0:28	29401 BELT_T1	0	0	0	0	0	0	0	0	2	2	0	1800	1800	0
10/14/2023 0:28	47401 PENS_T1	0	0	0	0	0	0	0.5	0.51	0	0	0	0	0	0
10/14/2023 0:28	49803 UNIV_T1	0	1	1	0	0.2	0.2	-1.38	-1.41	0	0	0	0	0	0
10/14/2023 0:28	47802 MOCA_T2	0	0	0	0	0	0	-1.12	-1.11	0	0	0	0	0	0
10/14/2023 0:28	45001 LIME_2	0	8	8	0	0.1	0.1	0	0	0	0	0	0	0	0
10/14/2023 0:28	59003 MIFF_T1	0	0	0	0	0	0	0.56	0.48	0	0	0	0	0	0
10/14/2023 0:28	43001 ALWD_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/14/2023 0:28	45402 WBLO_T2	1	1	0	0.8	1.2	0.4	-0.94	-0.95	0	0	0	0	0	0
10/14/2023 0:28	14403 SSLA_T1	0	0	0	0	0	0	0.54	0.52	0	0	0	0	0	0
10/14/2023 0:28	64101 REFR_T1	0	0	0	0	0	0	-0.01	-0.01	0	0	0	0	0	0
10/14/2023 0:28	43304 WATS_T2	0	0	0	0	0	0	-2.95	-3.01	0	0	0	0	0	0
10/14/2023 0:28	20403 ASHF_T2	0	0	0	0	0	0	-0.12	-0.06	0	0	0	0	0	0
10/14/2

10/14/2023 9:36	45902 AUBU_T1	0	0	0	0	0	0	0	0	1	1	0	600	600	0
10/14/2023 9:37	45902 AUBU_T1	0	0	0	0	0	0	0	0	1	1	0	600	600	0
10/14/2023 9:38	45901 AUBU_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/14/2023 9:40	46203 DANV_T2	0	0	0	0	0	0	-0.14	-0.1	0	0	0	0	0	0
10/14/2023 9:41	23401 HONE_T2	0	0	0	0	0	0	0.01	0	0	0	0	0	0	0
10/14/2023 9:44	43202 MVIL_T2	0	0	0	0	0	0	-0.7	-0.71	0	0	0	0	0	0
10/14/2023 9:45	63401 HONY_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/14/2023 9:45	43202 MVIL_T2	0	0	0	0	0	0	-0.7	-0.71	0	0	0	0	0	0
10/14/2023 9:46	54701 NEBL_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/14/2023 9:47	41902 REED_T1	0	3	3	0	0	0	0	0	0	0	0	0	0	0
10/14/2023 9:48	13704 SCHN_T2	0	0	0	0	0	0	-0.35	-0.37	0	0	0	0	0	0
10/14/2023 9:50	43001 ALWD_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/14/2023 9:52	25801 SUTR_T2	0	0	0	0	0	0	-0.09	-0.09	0	0	0	0	0	0
10/14/2023 9:54	60801 BUCK_T1	0	0	0	0	0	0	-0.2	-0.2	0	0	0	0	0	0
10/14/2023 9:55	10801 CHHI_T1	0	0	0	0	0	0	-0.93	-0.87	1	1	0	900	900	0
10/14/2023 9:56	40101 HUNT_T2	0	0	0	0	0	0	-0.69	-0.72	0	0	0	0	0	0
10/14/2023 9:57	46801 HEPB_T2	2	1	-1	0.1	0.1	0	0	0	0	0	0	0	0	0
10/14/2023 10:00	16402 MOPO_T1	0	0	0	0	0	0	0.55	0.62	0	0	0	0	0	0
10/14/2023 10:00	49803 UNIV_T1	26	0	-26	0.11	0	-0.11	-1.15	0.16	0	0	0	0	0	0
10/14/2023 10:00	20403 ASHF_T2	0	0	0	0	0	0	0.2	0.19	0	0	0	0	0	0
10/14/2023 10:00	45902 AUBU_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/14/2023 10:00	63401 HONY_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/14/2023 10:00	46203 DANV_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/14/2023 10:00	54701 NEBL_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/14/2023 10:00	26401 INOR_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/14/2023 10:00	46004 BERW_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/14/2023 10:00	47101 MARL_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/14/2023 10:00	23301 JEFF_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/14/2023 10:00	52402 GRPA_T2	1	2	1	1.6	1.45	-0.15	0	0	0	0	0	0	0	0
10/14/2023 10:00	67604 WARW_T1	0	0	0	0	0	0	0.5	0.52	0	0	0	0	0	0
10/14/2023 10:00	64101 REFR_T1	0	0	1	0	0	0	0	0	0	0	0	0	0	0
10/14/2023 10:00	20401 ASHF_T2	0	0	1	0	0	0	-0.4	-0.44	1	1	0	600	600	0
10/14/2023 10:00	64801 MONE_T2	0	0	0	0	0	0	0.29	0.3	0	0	0	0	0	0
10/14/2023 10:00	52503 PROG_T2	0	0	0	0	0	0	-0.72	-0.74	1	1	0	900	900	0
10/14/2023 10:00	60801 BUCK_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/14/2023 10:00	12604 MACA_T1	0	0	0	0	0	0	0.29	0.29	0	0	0	0	0	0
10/14/2023 10:00	56601 HAMP_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/14/2023 10:01	52501 PROG_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/14/2023 10:01	48302 ORWI_T2	0	0	0	0	0	0	-0.03	-0.04	0	0	0	0	0	0
10/14/2023 10:02	44902 SCOT_T2	0	8	8	0	0.13	0.13	0	0	0	0	0	0	0	0
10/14/2023 10:03	40602 PIGR_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/14/2023 10:05	29401 BELT_T1	3	0	-3	0.1	0	-0.1	0	0	0	0	0	0	0	0
10/14/2023 10:05	20603 GRWO_T2	0	0	0	0	0	0	-0.67	-0.66	1	1	0	900	900	0
10/14/2023 10:05	43304 WATS_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/14/2023 10:05	56803 BENV_T1	0	1	1	0	1.3	1.3	0	0	0	0	0	0	0	0
10/14/2023 10:05	40602 PIGR_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/14/2023 10:06	56803 BENV_T1	0	1	1	0	1.3	1.3	0	0	0	0	0	0	0	0
10/14/2023 10:06	42601 TUSC_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/14/2023 10:07	46001 BERW_T1	0	0	0	0	0	0	0.72	0.7	0	0	0	0	0	0
10/14/2023 10:07	20401 ASHF_T2	0	1	1	0	0	0	0	0	0	0	0	0	0	0
10/14/2023 10:07	25801 SUTR_T2	0	0	0	0	0	0	-0.09	-0.06	0	0	0	0	0	0
10/14/2023 10:07	56801 BENV_T1	2	2	0	0.15	0.2	0.05	-1.56	-1.56	2	2	0	1200	1200	0
10/14/2023 10:08	56801 BENV_T1	2	2	0	0.15	0.2	0.05	-1.56	-1.56	2	2	0	1200	1200	0
10/14/2023 10:08	26603 BROO_T1	0	0	0	0	0	0	0.28	0.38	0	0	0	0	0	0
10/14/2023 10:09	28805 LAKE_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/14/2023 10:09	46001 BERW_T1	0	0	0	0	0	0	0.72	0.7	0	0	0	0	0	0
10/14/2023 10:09	10801 CHHI_T1	0	0	0	1	0	0	-0.87	-0.91	1	1	0	900	900	0
10/14/2023 10:09	17802 GILB_T1	0	0	0	0	0	0	0.18	0.06	0	0	0	0	0	0
10/14/2023 10:09	56801 BENV_T1	2	2	0	0.15	0.2	0.05	-0.78	-0.78	1	1	0	600	600	0
10/14/2023 10:10	40101 HUNT_T2	0	0	0	0	0	0	-0.72	-0.69	0	0	0	0	0	0
10/14/2023 10:10	60801 BUCK_T1	0	0	0	0	0	0	-0.2	-0.21	0	0	0	0	0	0
10/14/2023 10:11	21606 EYNO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/14/2023 10:11	17804 GILB_T2	0	0	0	0	0	0	-0.54	-0.54	0	0	0	0	0	0
10/14/2023 10:11	28805 LAKE_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/14/2023 10:12	47101 MARL_T1	0	0	0	0	0	0	-0.26	-0.23	0	0	0	0	0	0
10/14/2023 10:12	40101 HUNT_T2	0	0	0	0	0	0	-0.72	-0.69	0	0	0	0	0	0
10/14/2023 10:13	40902 JESH_T1	0	0	0	0	0	0	-0.81	-0.76	0	0	0	0	0	0
10/14/2023 10:13	46803 HEPB_T2	0	0	0	0	0	0	0.41	0.42	0	0	0	0	0	0
10/14/2023 10:13	23401 HONE_T2	0	1	1	0	0	0	-0.01	0.04	0	0	0	0	0	0
10/14/2023 10:14	52403 GRPA_T2	0	0	0	0	0	0	-0.16	-0.14	0	0	0	0	0	0
10/14/2023 10:14	46801 HEPB_T2	1	0	-1	0.1	0	-0.1	0.55	0.57	0	0	0	0	0	0
10/14/2023 10:15	43202 MVIL_T2	0	0	0	0	0	0	-0.71	-0.7	0	0	0	0	0	0
10/14/2023 10:15	52401 GRPA_T2	1	0	-1	0.2	0	-0.2	-0.46	-0.46	0	0	0	0	0	0
10/14/2023 10:15	40101 HUNT_T2	0	0	0	0	0	0	-0.69	-0.67	0	0	0	0	0	0
10/14/2023 10:16	43202 MVIL_T2	0	0	0	0	0	0	-0.71	-0.7	0	0	0	0	0	0
10/14/2023 10:16	64101 REFR_T1	0	0	0	0	0	0	-0.52	-0.45	0	0	0	0	0	0
10/14/2023 10:16	47101 MARL_T1	0	0	0	0	0	0	-0.23	-0.09	0	0	0	0	0	0
10/14/2023 10:17	64101 REFR_T1	0	0	0	0	0	0	-0.35	-0.3	0	0	0	0	0	0
10/14/2023 10:17	47101 MARL_T1	0	0	0	0	0	0	-0.23	-0.09	0	0	0	0	0	0
10/14/2023 10:17	13503 MCMI_T2	0	0	0	0	0	0	0.03	0.03	0	0	0	0	0	0
10/14/2023 10:18	67502 WEWI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/14/2023 10:19	41901 REED_T1	1	3	2	0.2	0.23	0.03	-2.11	-2.14	1	1	0	900	900	0
10/14/2023 10:19	15001 BLMO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/14/2023 10:19	45902 AUBU_T1	0	0	0	0	0	0	0	0	1	1	0	600	600	0
10/14/2023 10:19	59101 WALK_T2	1	1	0	0	0	0	-0.57	-0.53	0	0	0	0	0	0
10/14/2023 10:20	64101 REFR_T1	0	0	0	0	0	0	-0.17	-0.15	0	0	0	0	0	0
10/14/2023 10:20	45901 AUBU_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/14/2023 10:20	66505 SMAN_T2	0	0	0	0	0	0	0.09	-0.08	2	2	0	1100	1100	0
10/14/2023 10:20	29402 BELT_T1	154	169	15	0.79	0.78	-0.01	0	0	0	0	0	0	0	0
10/14/2023 10:20	15001 BLMO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/14/2023 10:20	56501 ROCK_T2	1	1	0	0.3	0.1	-0.2	-0.45	-0.43	0	0	0	0	0	0
10/14/2023 10:21	43001 ALWD_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/14/2023 10:21	29402 BELT_T1	154	169	15	0.79	0.78	-0.01	0	0	0	0	0	0	0	0
10/14/2023 10:21	44902 SCOT_T2	0	44	44	0	0.12	0.12	0	0	0	0	0	0	0	0
10/14/2023 10:21	67502 WEWI_T2	0	0	0	0	0	0	-1.52	-1.54	1	1	0	900	900	0
10/14/2023 10:21	66504 SMAN_T2	0	0	0	0	0	0	-1.71	-1.74	1	1	0	1200	1200	0
10/14/2023 10:22	67502 WEWI_T2	0	0	0	0	0	0	-3.04	-3.07	2	2	0	1800	1800	0
10/14/2023 10:22	45602 WOOL_T1	0	0	0	0	0	0	0.39	0.43	0	0	0	0	0	0
10/14/2023 10:22	54701 NEBL_T1	0	0	0	0	0	0	0	0	1	1	0	600	600	0
10/14/2023 10:22	67502 WEWI_T2	0	0	0	0	0	0	-3.04	-3.07	2	2	0	1800	1800	0
10/14/2023 10:23	45602 WOOL_T1	0	0	0	0	0	0	0.78	0.86	0	0	0	0	0	0
10/14/2023 10:24	45902 AUBU_T1	0	0	0	0	0	0	0	0	1	1	0	600	600	0
10/14/2023 10:25	28403 HART_T2	0	0	0	0	0	0	-0.95	-0.94	1	1	0	900	900	0
10/14/2023 10:25	15001 BLMO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/14/2023 10:25	41801 GOCI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/14/2023 10:26	46801 HEPB_T2	0	0	0	0	0	0	0.55	0.57	0	0	0	0	0	0
10/14/2023 10:26	41801 GOCI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/14/2023 10:27	44902 HAMI_T2	1	1	0	1.8	2.3	0.5	-0.89	-0.87	0	0	0	0	0	0
10/14/2023 10:27	12701 MACU_T1	0	0	0	0	0	0	0.08	0.09	0	0	0	0	0	0
10/14/2023 10:29	12701 MACU_T1	0	0	0	0	0	0	0.09	0.08	0	0	0	0	0	0
10/14/2023 10:31	58402 MORO_T1	1	1	0	2.1	0.9	-1.2	-1.38	-1.35	2	2	0	1500	1500	0
10/14/2023 10:32	58402 MORO_T1	1	1	0	2.1	0.9	-1.2	-2.76	-2.7	4	4	0	3000	3000	0
10/14/2023 10:32	65604 QVIL_T2	0	0	0	0	0	0	0.3	0.31	0	0	0	0	0	0
10/14/2023 10:34	65604 QVIL_T2	0	0	0	0	0	0	0.3	0.31	0	0	0	0	0	0
10/14/2023 10:36	20601 GRWO_T2	0	1	1	0	0	0	0	0	0	0	0	0	0	0
10/14/2023 10:38	46203 DANV_T2	0	0	0	0	0	0	-0.04	-0.07	0	0	0	0	0	0
10/14/2023 10:38	59101 WALK_T2	1	1	0	0	0	0	-0.53	-0.58	0	0	0	0	0	0
10/14/2023 10:38	46206 DANV_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/14/2023 10:40	46203 DANV_T2	0	0	0	0	0	0	-0.04	-0.07	0	0	0	0	0	0
10/14/2023 10:43	63404 HONY_T1	2	2	0	7.2	7.35	0.15	0	0	0	0	0	0	0	0
10/14/2023 10:43	12701 MACU_T1	0	1	1	0	0	0	0.09	0.08	0	0	0	0	0	0
10/14/2023 10:45	12701 MACU_T1	0	1	1	0	0	0	0.08	0.1	0	0	0	0	0	0
10/14/2023 10:47	66504 SMAN_T2	0	0	0	0	0	0	-1.76	-1.82	1	1	0	1200	1200	0
10/14/2023 10:47	44902 SCOT_T2	43	9	-34	0.12	0.11	-0.01	0	0	0	0	0	0	0	0
10/14/2023 10:51	59101 WALK_T2	1	1	0	0	0	0	-0.58	-0.56	0	0	0	0	0	0
10/14/2023 10:51	67503 WEWI_T2	0	0	0	0	0	0	-0.28	-0.28	0	0	0	0	0	0
10/14/2023 10:52	59202 THOM_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/14/2023 10:53	15001 BLMO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/14/2023 10:55	28403 HART_T2	0	0	0	0	0	0	-0.94	-0.92	1	1	0	900	900	0
10/14/2023 10:56	45702 LIND_T2	1	0	-1	0.5	0	-0.5	-0.43	-0.44	0	0	0	0	0	0
10/14/2023 10:56	40101 HUNT_T2	0	0	0	0	0	0	-0.7	-0.67	0	0	0	0	0	0
10/14/2023 10:57	52403 GRPA_T2	0	1	1	0	0	0	-0.04	-0.02	0	0	0	0	0	0
10/14/2023 10:58	40902 JESH_T1	0	0	0	0	0	0	-0.99	-0.97	0	0	0	0	0	0
10/14/2023 10:59	44901 SCOT_T2	0	0	0	0	0	0	-0.41	-0.45	0	0	0	0	0	0
10/14/2023 10:59	52402 GRPA_T2	1	1	1	2.2	2.6	0.4	0	0	0	0	0	0	0	0
10/14/2023 11:01	52403 GRPA_T2	0	1	1	0	0.1	0.1	-0.02	0	0	0	0	0	0	0
10/14/2023 11:01	44902 SCOT_T2	6	9	3	0.1	0.11	0.01	-0.96	-0.95	0	0	0	0	0	0
10/14/2023 11:01	44601 SALE_T2	0	0	0	0	0	0	-0.07	-0.17	0	0	0	0	0	0
10/14/2023 11:02	44902 SCOT_T2	6	9	3	0.1	0.11	0.01	0	0	0	0	0	0	0	0
10/14/2023 11:02	47101 MARL_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/14/2023 11:03	44601 SALE_T2	0	0	0	0	0	0	-0.07	-0.17	0	0	0	0	0	0
10/14/2023 11:03	65001 NEFF_T2	0	0	0	0	0	0	-1.2	-1.17	1	1	0	1200	1200	0
10/14/2023 11:03	47101 MARL_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/14/2023 11:05	43301 WATS_T2	0	1	1	0	0.5	0.5	0	0	0	0	0	0	0	0
10/14/2023 11:06	43304 WATS_T2	0	0	0	0	0	0	-1.91	-1.94	0	0	0	0	0	0
10/14/2023 11:06	43301 WATS_T2	0	1	1	0	0.5	0.5	0.42	0.46	0	0	0	0	0	0
10/14/2023 11:07	43301 WATS_T2	0	1	1	0	0.5	0.5	0	0	0	0	0	0	0	0
10/14/2023 11:07	67503 WEWI_T2	0	0	0	0	0	0	-0.28	-0.28	0	0	0	0	0	0
10/14/2023 11:08	43301 WATS_T2	0	1	1	0	0.5	0.5	0	0	0	0	0	0	0	0
10/14/2023 11:08	29402 BELT_T1	154	188	34	0.71	0.93	0.22	0	0	0	0	0	0	0	0
10/14/2023 11:08	44902 SCOT_T2	6	9	3	0.1	0.11	0.01	0	0	0	0	0	0	0	0
10/14/2023 11:08	60803 BUCK_T1	0	0	0	0	0	0	-1.53	-1.56	1	1	0	600	600	0
10/14/2023 11:08	28601 BLYT_T2	1	1	0	5.7	1.7	-4	0	0	0	0	0	0	0	0
10/14/2023 11:08	43001 ALWD_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/14/2023 11:09	61801 EEU_T2	2	2	0	0.25	0.45	0.2	-0.96	-1	1	1	0	600	600	0
10/14/2023 11:09	43001 ALWD_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/14/2023 11:09	60803 BUCK_T1	0	0	0	0	0	0	-1.53	-1.56	1	1	0	600	600	0
10/14/2023 11:09	40101 HUNT_T2	0	0	0	0	0	0	-0.67	-0.66	0	0	0	0	0	0
10/14/2023 11:10	23401 HONE_T2	0	0	0	0	0	0	0	0.03	0	0	0	0	0	0
10/14/2023 11:10	29402 BELT_T1	154	188	34	0.71	0.93	0.22	0	0	0	0	0	0	0	0
10/14/2023 11:11	23401 HONE_T2	0	0	0	0	0	0	0	0.03	0	0	0	0	0	0
10/14/2023 11:14	64801 MONE_T2	0	0	0	0	0	0	0.31	0.32	0	0	0	0	0	0
10/14/2023 11:14	26401 INOR_T1	0	0	0	0	0	0	0.31	0.3	0	0	0	0	0	0
10/14/2023 11:14	47101 MARL_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/14/2023 11:15	58402 MORO_T1	1	1	0	1.3	1.4	0.1	-1.42	-1.43	2	2	0	1500	1500	0
10/14/2023 11:15	46302 ROHR_T1	4	4	0	1.4	1.33	-0.07	0.2	0.2	0	0	0	0	0	0
10/14/2023 11:16	46302 ROHR_T1	4	4	0	1.4	1.33	-0.07	0.2	0.2	0	0	0	0	0	0
10/14/2023 11:17	42002 MNVL_T2	1	1	0	2.7	2.7	0	0	0	0	0	0	0	0	0
10/14/2023 11:17	66505 SMAN_T2	0	0	0	0	0	0	0.05	-0.09	2	2	0	1100	1100	0
10/14/2023 11:17	47101 MARL_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/14/2023 11:19	49803 UNIV_T1	0	0	0	0	0	0	0.22	0.22	0	0	0	0	0	0
10/14/2023 11:19	20601 GRWO_T2	0	4	4	0	0.1	0.1	0	0	0	0	0	0	0	0
10/14/2023 11:20	67502 WEWI_T2	0	0	0	0	0	0	-1.51	-1.48	1	1	0	900	900	0
10/14/2023 11:20	66703 STRA_T1	0	0	0	0	0	0	-0.24	-0.21	0	0	0	0	0	0
10/14/2023 11:20	56801 BENV_T1	4	7	3	0.2	0.49	0.29	-0.76	-0.76	1	1	0	600	600	0
10/14/2023 11:21	56801 BENV_T1	4	7	3	0.2	0.49	0.29	-0.76	-0.76	1	1	0	600	600	0
10/14/2023 11:22	43304 WATS_T2	0	0	0	0	0	0	-0.97	-0.6	0	0	0	0	0	0
10/14/2023 11:22	61303 EARL_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/14/2023 11:22	56801 BENV_T1	4	7	3	0.2	0.49	0.29	-0.76	-0.76	1	1	0	600	600	0
10/14/2023 11:25	40101 HUNT_T2	0	0	0	0	0	0	-0.66	-0.66	0	0	0	0	0	0
10/14/2023 11:25	45602 WOOL_T1	0	0	0	0	0	0	0.42	0.41	0	0	0	0	0	0
10/14/2023 11:28	21901 HUMB_T1	0	0	0	0	0	0	-2.16	-2.14	0	0	0	0	0	0

10/14/2023 11:57	47101 MARL_T1	4	0	-4	0.53	0	-0.53	-0.08	-0.06	0	0	0	0	0	0
10/14/2023 11:58	60801 BUCK_T1	0	1	1	0	0	0	0	0	0	0	0	0	0	0
10/14/2023 11:59	52402 GRPA_T2	1	1	0	1.9	2	0.1	0	0	0	0	0	0	0	0
10/14/2023 12:01	47101 MARL_T1	0	0	0	0	0	0	-0.06	0.04	0	0	0	0	0	0
10/14/2023 12:01	52402 GRPA_T2	1	1	0	1.8	2	0.2	0	0	0	0	0	0	0	0
10/14/2023 12:01	64801 MONE_T2	0	0	0	0	0	0	0.34	0.32	0	0	0	0	0	0
10/14/2023 12:02	47101 MARL_T1	0	0	0	0	0	0	-0.06	0.04	0	0	0	0	0	0
10/14/2023 12:02	65604 QVIL_T2	0	0	0	0	0	0	0.33	0.33	0	0	0	0	0	0
10/14/2023 12:04	65604 QVIL_T2	0	0	0	0	0	0	0.33	0.33	0	0	0	0	0	0
10/14/2023 12:07	59202 THOM_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/14/2023 12:07	56801 BENV_T1	4	9	5	0.18	0.41	0.23	-2.28	-2.28	3	3	0	1800	1800	0
10/14/2023 12:08	56801 BENV_T1	4	9	5	0.18	0.41	0.23	-3.04	-3.04	4	4	0	2400	2400	0
10/14/2023 12:09	56801 BENV_T1	4	9	5	0.18	0.41	0.23	-2.28	-2.28	3	3	0	1800	1800	0
10/14/2023 12:11	56801 BENV_T1	4	9	5	0.18	0.41	0.23	-0.76	-0.76	1	1	0	600	600	0
10/14/2023 12:12	47101 MARL_T1	0	0	0	0	0	0	-0.11	0.07	0	0	0	0	0	0
10/14/2023 12:12	40902 JESH_T1	0	0	0	0	0	0	-1.01	-1	0	0	0	0	0	0
10/14/2023 12:13	40902 JESH_T1	0	0	0	0	0	0	-1.01	-1	0	0	0	0	0	0
10/14/2023 12:17	47101 MARL_T1	0	2	2	0	0	0	0.04	-0.05	0	0	0	0	0	0
10/14/2023 12:17	58402 MORO_T1	1	1	0	2	2	0	-4.35	-4.17	6	6	0	4500	4500	0
10/14/2023 12:25	61303 EARL_T1	0	0	0	0	0	0	-0.08	-0.09	0	0	0	0	0	0
10/14/2023 12:37	46203 DANV_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/14/2023 12:38	46203 DANV_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/14/2023 12:39	46206 DANV_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/14/2023 12:40	41801 GOCI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/14/2023 12:41	21901 HUMB_T1	0	0	0	0	0	0	-2.15	-2.13	0	0	0	0	0	0
10/14/2023 12:42	41801 GOCI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/14/2023 12:43	47101 MARL_T1	0	2	2	0	0	0	-0.09	-0.49	0	0	0	0	0	0
10/14/2023 12:44	47101 MARL_T1	0	2	2	0	0	0	-0.25	-0.28	0	0	0	0	0	0
10/14/2023 12:45	59302 MCAL_T1	1	1	0	1.6	1.7	0.1	0	0	0	0	0	0	0	0
10/14/2023 12:48	14802 TREI_T2	0	0	0	0	0	0	0.33	0.37	0	0	0	0	0	0
10/14/2023 12:51	14802 TREI_T2	0	0	0	0	0	0	0.33	0.37	0	0	0	0	0	0
10/14/2023 12:58	23301 JEFF_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/14/2023 12:59	58402 MORO_T1	0	0	0	0	0	0	-4.26	-4.2	6	6	0	4500	4500	0
10/14/2023 13:02	59202 THOM_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/14/2023 13:05	56801 BENV_T1	9	5	-4	0.6	0.28	-0.32	-1.54	-1.48	2	2	0	1200	1200	0
10/14/2023 13:05	66703 STRA_T1	0	0	0	0	0	0	-0.23	-0.19	0	0	0	0	0	0
10/14/2023 13:06	56801 BENV_T1	9	5	-4	0.6	0.28	-0.32	-0.77	-0.74	1	1	0	600	600	0
10/14/2023 13:07	61303 EARL_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/14/2023 13:07	56801 BENV_T1	9	5	-4	0.6	0.28	-0.32	-1.54	-1.48	2	2	0	1200	1200	0
10/14/2023 13:08	56801 BENV_T1	9	5	-4	0.6	0.28	-0.32	-0.77	-0.74	1	1	0	600	600	0
10/14/2023 13:09	56801 BENV_T1	9	5	-4	0.6	0.28	-0.32	-0.77	-0.74	1	1	0	600	600	0
10/14/2023 13:10	56801 BENV_T1	9	5	-4	0.6	0.28	-0.32	-0.77	-0.74	1	1	0	600	600	0
10/14/2023 13:11	56801 BENV_T1	9	5	-4	0.6	0.28	-0.32	-1.54	-1.48	2	2	0	1200	1200	0
10/14/2023 13:11	46206 DANV_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/14/2023 13:15	54701 NEBL_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/14/2023 13:20	43304 WATS_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/14/2023 13:21	46203 DANV_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/14/2023 13:21	45902 AUBU_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/14/2023 13:22	60801 BUCK_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/14/2023 13:24	61303 EARL_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/14/2023 13:25	45902 AUBU_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/14/2023 13:25	46203 DANV_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/14/2023 13:26	53903 HAU_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/14/2023 13:26	61303 EARL_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/14/2023 13:27	46206 DANV_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/14/2023 13:30	60801 BUCK_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/14/2023 13:33	67203 TEHI_T1	1	1	0	0	0	0	1.37	1.3	1	1	0	900	900	0
10/14/2023 13:36	46203 DANV_T2	0	0	0	0	0	0	-0.02	-0.08	0	0	0	0	0	0
10/14/2023 13:36	60701 BREC_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/14/2023 13:37	46203 DANV_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/14/2023 13:37	60801 BUCK_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/14/2023 13:39	61303 EARL_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/14/2023 13:39	46203 DANV_T2	0	0	0	0	0	0	-0.02	-0.08	0	0	0	0	0	0
10/14/2023 13:40	60801 BUCK_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/14/2023 13:40	46203 DANV_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/14/2023 13:42	61303 EARL_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/14/2023 13:43	59301 MCAL_T1	79	94	15	0.52	0.74	0.22	-1.04	-1.03	0	0	0	0	0	0
10/14/2023 13:43	45003 LIME_2	1	2	1	3	3.3	0.3	0	0	2	2	0	2400	2400	0
10/14/2023 13:44	42002 MNVL_T2	1	1	0	2.6	2.4	-0.2	0	0	0	0	0	0	0	0
10/14/2023 13:45	58402 MORO_T1	0	0	0	0	0	0	-1.41	-1.41	2	2	0	1500	1500	0
10/14/2023 13:45	23301 JEFF_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/14/2023 13:45	51201 MTON_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/14/2023 13:48	46302 ROHR_T1	4	4	0	1.3	1.58	0.28	0	0	0	0	0	0	0	0
10/14/2023 13:49	59102 WALK_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/14/2023 13:52	56801 BENV_T1	5	8	3	0.3	0.35	0.05	-1.54	-1.56	2	2	0	1200	1200	0
10/14/2023 13:53	56801 BENV_T1	5	8	3	0.3	0.35	0.05	-1.54	-1.56	2	2	0	1200	1200	0
10/14/2023 13:54	41801 GOCI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/14/2023 13:55	41801 GOCI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/14/2023 14:06	60801 BUCK_T1	5	9	4	0.1	0.1	0	-0.2	-0.2	0	0	0	0	0	0
10/14/2023 14:07	60803 BUCK_T1	4	9	5	0.15	0.23	0.08	0	0	0	0	0	0	0	0
10/14/2023 14:07	28604 BLYT_T2	0	0	0	0	0	0	-1.27	-1.27	0	0	0	0	0	0
10/14/2023 14:07	43001 ALWD_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/14/2023 14:08	45402 WILO_T2	1	1	0	0.2	0.3	0.1	0	0	0	0	0	0	0	0
10/14/2023 14:08	56801 BENV_T1	7	8	1	0.33	0.41	0.08	-3.9	-3.8	5	5	0	3000	3000	0
10/14/2023 14:08	46203 DANV_T2	0	0	0	0	0	0	-0.07	-0.03	0	0	0	0	0	0
10/14/2023 14:09	41801 GOCI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/14/2023 14:09	56801 BENV_T1	7	8	1	0.33	0.41	0.08	-1.56	-1.52	2	2	0	1200	1200	0
10/14/2023 14:10	61303 EARL_T1	0	0	0	0	0	0	-0.07	-0.08	0	0	0	0	0	0
10/14/2023 14:10	56801 BENV_T1	7	8	1	0.33	0.41	0.08	-1.56	-1.52	2	2	0	1200	1200	0
10/14/2023 14:11	56801 BENV_T1	7	8	1	0.33	0.41	0.08	-0.78	-0.76	1	1	0	600	600	0
10/14/2023 14:11	41801 GOCI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/14/2023 14:12	59301 MCAL_T1	94	134	40	0.74	0.7	-0.04	0	0	0	0	0	0	0	0
10/14/2023 14:13	23401 HONE_T2	1	1	0	0.4	0.3	-0.1	0.01	0.04	0	0	0	0	0	0
10/14/2023 14:14	23401 HONE_T2	1	1	0	0.4	0.3	-0.1	0.04	0	0	0	0	0	0	0
10/14/2023 14:14	59301 MCAL_T1	94	134	40	0.74	0.7	-0.04	-1.03	-1.04	0	0	0	0	0	0
10/14/2023 14:15	52402 GRPA_T2	1	1	0	3.2	3.5	0.3	0	0	0	0	0	0	0	0
10/14/2023 14:15	23401 HONE_T2	1	1	0	0.1	0.4	0.3	0.04	0	0	0	0	0	0	0
10/14/2023 14:16	52402 GRPA_T2	1	1	0	3.2	3.5	0.3	0	0	0	0	0	0	0	0
10/14/2023 14:16	52401 GRPA_T2	0	0	0	0	0	0	-0.5	-0.5	0	0	0	0	0	0
10/14/2023 14:17	52402 GRPA_T2	1	1	0	3.2	3.5	0.3	0	0	0	0	0	0	0	0
10/14/2023 14:17	58402 MORO_T1	0	0	0	0	0	0	-2.82	-2.84	4	4	0	3000	3000	0
10/14/2023 14:18	58402 MORO_T1	0	0	0	0	0	0	-1.41	-1.42	2	2	0	1500	1500	0
10/14/2023 14:18	16402 MOPO_T1	3	3	0	0.7	0	-0.7	0.58	0.6	0	0	0	0	0	0
10/14/2023 14:18	54701 NEBL_T1	0	0	0	0	0	0	0	0	1	1	0	600	600	0
10/14/2023 14:20	43304 WATS_T2	3	0	-3	0.3	0	-0.3	-1.82	-1.82	0	0	0	0	0	0
10/14/2023 14:20	67203 TEHI_T1	1	1	0	0	0	0	0.95	0.92	1	1	0	900	900	0
10/14/2023 14:20	45902 AUBU_T1	3	0	-3	0.1	0	-0.1	0	0	1	1	0	600	600	0
10/14/2023 14:21	45902 AUBU_T1	3	0	-3	0.1	0	-0.1	0	0	1	1	0	600	600	0
10/14/2023 14:21	43304 WATS_T2	3	0	-3	0.3	0	-0.3	-0.61	-0.61	0	0	0	0	0	0
10/14/2023 14:21	43301 WATS_T2	1	1	0	0.5	0.2	-0.3	0.41	0.41	0	0	0	0	0	0
10/14/2023 14:21	59202 THOM_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/14/2023 14:22	45902 AUBU_T1	3	0	-3	0.1	0	-0.1	0	0	0	0	0	0	0	0
10/14/2023 14:22	65001 NEFF_T2	0	0	0	0	0	0	-1.29	-1.29	1	1	0	1200	1200	0
10/14/2023 14:22	43301 WATS_T2	1	1	0	0.5	0.2	-0.3	0	0	0	0	0	0	0	0
10/14/2023 14:22	43001 ALWD_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/14/2023 14:22	60801 BUCK_T1	4	10	6	0.1	0.13	0.03	-0.2	-0.18	0	0	0	0	0	0
10/14/2023 14:23	28604 BLYT_T2	0	0	0	0	0	0	-1.27	-1.26	0	0	0	0	0	0
10/14/2023 14:23	43001 ALWD_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/14/2023 14:23	43304 WATS_T2	3	0	-3	0.3	0	-0.3	-0.61	-0.61	0	0	0	0	0	0
10/14/2023 14:23	60801 BUCK_T1	4	10	6	0.1	0.13	0.03	-0.2	-0.18	0	0	0	0	0	0
10/14/2023 14:24	46203 DANV_T2	0	0	0	0	0	0	-0.03	-0.08	0	0	0	0	0	0
10/14/2023 14:24	56801 BENV_T1	8	8	0	0.35	0.44	0.09	-0.76	-0.77	1	1	0	600	600	0
10/14/2023 14:25	61303 EARL_T1	0	0	0	0	0	0	-0.08	-0.09	0	0	0	0	0	0
10/14/2023 14:25	53903 HAU_T2	2	2	0	0.6	0.3	-0.3	-0.13	-0.09	0	0	0	0	0	0
10/14/2023 14:25	41801 GOCI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/14/2023 14:26	61303 EARL_T1	0	0	0	0	0	0	-0.08	-0.09	0	0	0	0	0	0
10/14/2023 14:26	46203 DANV_T2	0	0	0	0	0	0	-0.03	-0.08	0	0	0	0	0	0
10/14/2023 14:26	41801 GOCI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/14/2023 14:26	56801 BENV_T1	8	8	0	0.35	0.44	0.09	-0.76	-0.77	1	1	0	600	600	0
10/14/2023 14:27	40101 HUNT_T2	0	0	0	0	0	0	-0.67	-0.69	0	0	0	0	0	0
10/14/2023 14:28	64801 MONE_T2	0	0	0	0	0	0	0.33	0.31	0	0	0	0	0	0
10/14/2023 14:28	58402 MORO_T1	0	0	0	0	0	0	-1.41	-1.42	2	2	0	1500	1500	0
10/14/2023 14:29	58402 MORO_T1	0	0	0	0	0	0	-1.42	-1.41	2	2	0	1500	1500	0
10/14/2023 14:29	40101 HUNT_T2	0	0	0	0	0	0	-1.38	-1.36	0	0	0	0	0	0
10/14/2023 14:30	44201 POIN_T1	0	1	1	0	0.1	0.1	-2.6	-2.65	2	2	0	2100	2100	0
10/14/2023 14:30	40101 HUNT_T2	0	0	0	0	0	0	-0.69	-0.68	0	0	0	0	0	0
10/14/2023 14:31	41901 REED_T1	4	2	-2	0.28	0.35	0.07	-2.11	-2.13	1	1	0	900	900	0
10/14/2023 14:31	44901 SCOT_T2	19	35	16	0.18	0.24	0.06	0	0	0	0	0	0	0	0
10/14/2023 14:31	52402 GRPA_T2	1	1	0	3.5	3.2	-0.3	0	0	0	0	0	0	0	0
10/14/2023 14:32	44902 SCOT_T2	99	151	52	0.14	0.24	0.1	0	0	0	0	0	0	0	0
10/14/2023 14:32	44201 POIN_T1	0	1	1	0	0.1	0.1	-2.6	-2.65	2	2	0	2100	2100	0
10/14/2023 14:32	52403 GRPA_T2	2	1	-1	0.75	0	-0.75	-0.04	-0.05	0	0	0	0	0	0
10/14/2023 14:32	41901 REED_T1	4	2	-2	0.28	0.35	0.07	0	0	0	0	0	0	0	0
10/14/2023 14:33	52402 GRPA_T2	1	1	0	3.5	3.2	-0.3	0	0	0	0	0	0	0	0
10/14/2023 14:33	44901 SCOT_T2	19	35	16	0.18	0.24	0.06	-0.94	-0.94	0	0	0	0	0	0
10/14/2023 14:33	44201 POIN_T1	0	1	1	0	0.1	0.1	-2.6	-2.65	2	2	0	2100	2100	0
10/14/2023 14:33	58402 MORO_T1	0	0	0	0	0	0	-1.42	-1.41	2	2	0	1500	1500	0
10/14/2023 14:34	52402 GRPA_T2	1	1	0	3.5	3.2	-0.3	0	0	0	0	0	0	0	0
10/14/2023 14:34	65604 QVIL_T2	0	0	0	0	0	0	0.62	0.62	0	0	0	0	0	0
10/14/2023 14:34	44902 SCOT_T2	99	151	52	0.14	0.24	0.1	0	0	0	0	0	0	0	0
10/14/2023 14:34	45602 WOOL_T1	0	0	0	0	0	0	0.41	0.42	0	0	0	0	0	0
10/14/2023 14:34	16402 MOPO_T1	3	0	-3	0.47	0	-0.47	0.6	0.59	0	0	0	0	0	0
10/14/2023 14:34	16302 ALPA_T2	0	0	0	0	0	0	0.47	0.46	0	0	0	0	0	0
10/14/2023 14:35	56801 BENV_T1	8	8	0	0.41	0.5	0.09	-0.77	-0.77	1	1	0	600	600	0
10/14/2023 14:35	41901 REED_T1	4	2	-2	0.28	0.35	0.07	0	0	0	0	0	0	0	0
10/14/2023 14:35	16302 ALPA_T2	0	0	0	0	0	0	0.94	0.92	0	0	0	0	0	0
10/14/2023 14:35	45602 WOOL_T1	0	0	0	0	0	0	0.41	0.42	0	0	0	0	0	0
10/14/2023 14:35	44201 POIN_T1	0	1	1	0	0.1	0.1	-2.6	-2.65	2	2	0	2100	2100	0
10/14/2023 14:36	45602 WOOL_T1	0	0	0	0	0	0	0.41	0.42	0	0	0	0	0	0
10/14/2023 14:37	43304 WATS_T2	0	0	0	0	0	0	-0.61	-0.63	0	0	0	0	0	0
10/14/2023 14:37	43301 WATS_T2	1	1	0	0.2	0.2	0	0.41	0.43	0	0	0	0	0	0
10/14/2023 14:38	28601 BLYT_T2	1	1	0	2.7	0	-2.7	0	0	0	0	0	0	0	0
10/14/2023 14:38	56801 BENV_T1	8	8	0	0.41	0.5	0.09	-1.54	-1.54	2	2	0	1200	1200	0
10/14/2023 14:38	40701 FILD_T1	37	48	11	0.52	0.54	0.02	0	0	0	0	0	0	0	0
10/14/2023 14:38	60801 BUCK_T1	9	9	0	0.1	0.13	0.03	-0.36	-0.44	0	0	0	0	0	0
10/14/2023 14:38	16302 ALPA_T2	0	0	0	0	0	0	0.47	0.46	0	0	0	0	0	0
10/14/2023 14:38	60803 BUCK_T1	9	6	-3	0.23	0.2	-0.03	-1.64	-1.62	1	1	0	600	600	0
10/14/2023 14:38	43001 ALWD_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/14/2023 14:39	43001 ALWD_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/14/2023 14:40	56801 BENV_T1	8	8	0	0.41	0.5	0.09	-2.31	-2.31	3	3	0	1800	1800	0
10/14/2023 14:40	46206 DANV_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/14/2023 14:40	17805 GILB_T2	0	0	0	0	0	0	0.31	0.29	0	0	0	0	0	0
10/14/2023 14:40	60701 BREC_T1	0	0	0	0	0	0	-0.48	-0.47	1	1	0	600	600	0
10/14/2023 14:41	41801 GOCI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/14/2023 14:41	56801 BENV_T1	8	8	0	0.41	0.5	0.09	-0.77	-0.77	1	1	0	600	600	0
10/14/2023 14:41	61303 EARL_T1	0	0	0	0	0	0	-0.09	-0.02	0	0	0	0	0	0
10/14/2023 14:41	17805 GILB_T2	0	0	0	0	0	0	0.31	0.29	0	0	0	0	0	0
10/14/2023 14:42	41801 GOCI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/14/2023 14:42	61303 EARL_T1	0	0	0	0	0	0	-0.09	-0.02	0	0	0	0	0	0
10/14/2023 14:42	46203 DANV_T2	0	0	0	0	0	0	-0.08	-0.09	0	0	0	0	0

10/14/2023 15:04	27502 WEIS_T2	0	0	0	0	0	0	-0.65	-0.67	0	0	0	0	0	0
10/14/2023 15:05	43304 WATS_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/14/2023 15:06	56801 BENV_T1	8	8	0	0.46	0.41	-0.05	-0.79	-0.78	1	1	0	600	600	0
10/14/2023 15:07	45402 WBLO_T2	1	1	0	0.4	0.6	0.2	-0.74	-0.73	0	0	0	0	0	0
10/14/2023 15:07	56801 BENV_T1	8	8	0	0.46	0.41	-0.05	-0.79	-0.78	1	1	0	600	600	0
10/14/2023 15:08	45902 AUBU_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/14/2023 15:08	56801 BENV_T1	8	8	0	0.46	0.41	-0.05	-1.58	-1.56	2	2	0	1200	1200	0
10/14/2023 15:09	61301 EARL_T1	0	0	0	0	0	0	-0.52	-0.52	1	1	0	900	900	0
10/14/2023 15:11	40101 HUNT_T2	0	0	0	0	0	0	-0.67	-0.69	0	0	0	0	0	0
10/14/2023 15:18	53903 HALI_T2	2	2	0	0.75	0.7	-0.05	-0.08	-0.13	0	0	0	0	0	0
10/14/2023 15:20	42701 AUGU_T1	0	0	0	0	0	0	0	0	2	2	0	1800	1800	0
10/14/2023 15:22	66703 STRA_T1	0	0	0	0	0	0	-0.19	-0.25	0	0	0	0	0	0
10/14/2023 15:22	42701 AUGU_T1	0	0	0	0	0	0	0	0	2	2	0	1800	1800	0
10/14/2023 15:27	40101 HUNT_T2	0	0	0	0	0	0	-0.69	-0.68	0	0	0	0	0	0
10/14/2023 15:28	23401 HONE_T2	1	1	0	0.3	0.4	0.1	0.03	0	0	0	0	0	0	0
10/14/2023 15:39	11104 EGYP_T1	0	0	0	0	0	0	1.1	1.12	0	0	0	0	0	0
10/14/2023 15:39	45902 AUBU_T1	0	0	0	0	0	0	0	0	1	1	0	600	600	0
10/14/2023 15:40	45902 AUBU_T1	0	0	0	0	0	0	0	0	1	1	0	600	600	0
10/14/2023 15:43	45802 HEGI_T2	0	0	0	0	0	0	0.2	0.2	0	0	0	0	0	0
10/14/2023 15:43	40101 HUNT_T2	0	0	0	0	0	0	-0.68	-0.69	0	0	0	0	0	0
10/14/2023 15:49	44902 SCOT_T2	5	95	90	0.14	0.22	0.08	0	0	0	0	0	0	0	0
10/14/2023 15:50	56501 ROCK_T2	1	1	0	0.6	0	-0.6	-0.41	-0.44	0	0	0	0	0	0
10/14/2023 15:52	52401 GRPA_T2	0	1	1	0	0	0	0	0	0	0	0	0	0	0
10/14/2023 15:52	42701 AUGU_T1	0	0	0	0	0	0	0	0	2	2	0	1800	1800	0
10/14/2023 15:56	45003 LIME_2	1	1	0	3.1	3.3	0.2	0	0	1	1	0	1200	1200	0
10/14/2023 15:59	42701 AUGU_T1	0	0	0	0	0	0	0	0	2	2	0	1800	1800	0
10/14/2023 15:59	45003 LIME_2	1	1	0	3.1	3.3	0.2	0	0	1	1	0	1200	1200	0
10/14/2023 16:03	42201 SHEN_T2	0	0	0	0	0	0	0.41	0.42	0	0	0	0	0	0
10/14/2023 16:03	54701 NEBL_T1	0	0	0	0	0	0	0	0	1	1	0	600	600	0
10/14/2023 16:04	52403 GRPA_T2	1	1	0	1.5	0	-1.5	-0.01	0.03	0	0	0	0	0	0
10/14/2023 16:04	44901 SCOT_T2	20	30	10	0.18	0.22	0.04	-0.41	-0.43	0	0	0	0	0	0
10/14/2023 16:05	49803 UNIV_T1	0	0	0	0	0	0	0.21	0.2	0	0	0	0	0	0
10/14/2023 16:07	43301 WATS_T2	1	0	-1	0.3	0	-0.3	0	0	0	0	0	0	0	0
10/14/2023 16:13	46801 HEPB_T2	2	2	0	0.15	0.2	0.05	0.57	0.57	0	0	0	0	0	0
10/14/2023 16:19	54701 NEBL_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/14/2023 16:34	43304 WATS_T2	0	0	0	0	0	0	-0.59	-0.59	0	0	0	0	0	0
10/14/2023 16:36	43304 WATS_T2	0	0	0	0	0	0	-0.59	-0.59	0	0	0	0	0	0
10/14/2023 16:37	43304 WATS_T2	0	0	0	0	0	0	-0.59	-0.59	0	0	0	0	0	0
10/14/2023 16:37	29401 BELT_T1	0	1	1	0	0.1	0.1	0	0	1	1	0	900	900	0
10/14/2023 16:38	65001 NEFF_T2	0	0	0	0	0	0	-1.31	-1.3	1	1	0	1200	1200	0
10/14/2023 17:08	43402 BENT_T1	0	0	0	0	0	0	-0.97	-0.97	1	1	0	900	900	0
10/14/2023 17:10	43402 BENT_T1	0	0	0	0	0	0	-0.97	-0.97	1	1	0	900	900	0
10/14/2023 17:17	54701 NEBL_T1	0	0	0	0	0	0	0	0	1	1	0	600	600	0
10/14/2023 17:22	52501 PROG_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/14/2023 17:37	45901 AUBU_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/14/2023 18:13	52402 GRPA_T2	3	1	-2	1.17	3.4	2.23	0	0	0	0	0	0	0	0
10/14/2023 18:42	15604 NSTR_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/14/2023 18:45	15001 BLMO_T1	1	1	0	2.1	0.5	-1.6	0	0	0	0	0	0	0	0
10/14/2023 18:45	40602 PIGR_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/14/2023 18:48	64101 REFR_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/14/2023 18:51	67502 WEWI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/14/2023 18:55	60801 BUCK_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/14/2023 18:58	26401 INOR_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/14/2023 19:02	46004 BERW_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/14/2023 19:03	46206 DANV_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/14/2023 19:04	65902 SAAR_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/14/2023 19:07	61303 EARL_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/14/2023 19:07	45902 AUBU_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/14/2023 19:10	60801 BUCK_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/14/2023 19:11	46203 DANV_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/14/2023 19:12	54701 NEBL_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/14/2023 19:14	46203 DANV_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/14/2023 19:14	21606 EYNO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/14/2023 19:15	61303 EARL_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/14/2023 19:16	23301 JEFF_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/14/2023 19:17	45802 HEGI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/14/2023 19:17	63401 HONY_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/14/2023 19:17	43304 WATS_T2	1	0	-1	0.6	0	-0.6	0	0	0	0	0	0	0	0
10/14/2023 19:19	40602 PIGR_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/14/2023 19:20	46302 ROHR_T1	3	4	1	1.37	1.65	0.28	0	0	0	0	0	0	0	0
10/14/2023 19:20	51201 MTON_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/14/2023 19:21	42002 MNVL_T2	1	1	0	2.4	2.2	-0.2	0	0	0	0	0	0	0	0
10/14/2023 19:21	60701 BREC_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/14/2023 19:22	53903 HALI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/14/2023 19:24	45402 WBLO_T2	1	1	0	0.9	1	0.1	0	0	0	0	0	0	0	0
10/14/2023 19:28	44901 SCOT_T2	19	41	22	0.23	0.22	-0.01	-0.39	-0.38	0	0	0	0	0	0
10/14/2023 19:39	17805 GILB_T2	0	0	0	0	0	0	0.24	0.23	0	0	0	0	0	0
10/14/2023 19:40	23401 HONE_T2	1	1	0	0.1	0.4	0.3	-0.05	-0.03	0	0	0	0	0	0
10/14/2023 19:40	17805 GILB_T2	0	0	0	0	0	0	0.24	0.23	0	0	0	0	0	0
10/14/2023 19:44	56801 BENV_T1	2	6	4	0.1	0.25	0.15	-0.78	-0.76	1	1	0	600	600	0
10/14/2023 19:47	10801 CHHI_T1	0	0	0	0	0	0	-0.93	-0.92	1	1	0	900	900	0
10/14/2023 19:47	67503 WEWI_T2	0	0	0	0	0	0	-0.18	-0.29	0	0	0	0	0	0
10/14/2023 19:47	64101 REFR_T1	0	0	0	0	0	0	-0.2	-0.15	0	0	0	0	0	0
10/14/2023 19:49	67502 WEWI_T2	0	2	2	0	0.1	0.1	-2.98	-3.04	2	2	0	1800	1800	0
10/14/2023 19:50	56801 BENV_T1	2	7	5	0.2	0.43	0.23	-0.78	-0.76	1	1	0	600	600	0
10/14/2023 19:51	59101 WALK_T2	1	1	0	0	0	0	-0.37	-0.43	0	0	0	0	0	0
10/14/2023 19:51	66505 SMAN_T2	0	3	3	0	0.37	0.37	-0.54	-0.48	2	2	0	1100	1100	0
10/14/2023 19:51	48302 ORWI_T2	2	2	0	0.3	0.3	0	-0.05	-0.07	0	0	0	0	0	0
10/14/2023 19:52	64101 REFR_T1	0	0	0	0	0	0	-0.2	-0.15	0	0	0	0	0	0
10/14/2023 19:53	67502 WEWI_T2	0	2	2	0	0.1	0.1	-1.49	-1.52	1	1	0	900	900	0
10/14/2023 19:53	45901 AUBU_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/14/2023 19:53	65001 NEFF_T2	0	0	0	0	0	0	-1.29	-1.29	1	1	0	1200	1200	0
10/14/2023 19:54	46001 BERW_T1	0	0	0	0	0	0	0.61	0.61	0	0	0	0	0	0
10/14/2023 19:54	60803 BUCK_T1	7	6	-1	0.21	0.25	0.04	-1.57	-1.59	1	1	0	600	600	0
10/14/2023 19:54	13503 MCMI_T2	0	1	1	0	0	0	0.09	0.03	0	0	0	0	0	0
10/14/2023 19:54	27502 WEIS_T2	0	0	0	0	0	0	-0.67	-0.68	0	0	0	0	0	0
10/14/2023 19:55	67503 WEWI_T2	0	0	0	0	0	0	-0.18	-0.29	0	0	0	0	0	0
10/14/2023 19:55	58402 MORO_T1	0	0	0	0	0	0	-1.34	-1.38	2	2	0	1500	1500	0
10/14/2023 19:55	56801 BENV_T1	2	7	5	0.2	0.43	0.23	-1.56	-1.52	2	2	0	1200	1200	0
10/14/2023 19:58	56801 BENV_T1	2	7	5	0.2	0.43	0.23	-1.56	-1.52	2	2	0	1200	1200	0
10/14/2023 19:58	66505 SMAN_T2	0	3	3	0	0.37	0.37	-0.54	-0.48	2	2	0	1100	1100	0
10/14/2023 19:58	43001 ALWD_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/14/2023 19:59	64101 REFR_T1	0	0	0	0	0	0	-0.15	-0.18	0	0	0	0	0	0
10/14/2023 19:59	26401 INOR_T1	1	13	12	0.1	0.13	0.03	0.27	0.27	0	0	0	0	0	0
10/14/2023 20:00	53903 HALI_T2	2	1	-1	0.3	0.1	-0.2	-0.14	-0.18	0	0	0	0	0	0
10/14/2023 20:00	46302 ROHR_T1	4	4	0	1.68	1.75	0.07	0.19	0.18	0	0	0	0	0	0
10/14/2023 20:01	28403 HART_T2	0	0	0	0	0	0	-0.93	-0.9	1	1	0	900	900	0
10/14/2023 20:01	61303 EARL_T1	0	0	0	0	0	0	-0.02	-0.03	0	0	0	0	0	0
10/14/2023 20:01	25801 SUTR_T2	0	0	0	0	0	0	-0.05	-0.06	0	0	0	0	0	0
10/14/2023 20:02	42802 SELI_T1	0	0	0	0	0	0	-1.38	-1.36	0	0	0	0	0	0
10/14/2023 20:02	42002 MNVL_T2	1	1	0	2.3	2.1	-0.2	0	0	0	0	0	0	0	0
10/14/2023 20:03	61301 EARL_T1	0	0	0	0	0	0	0.14	0.15	0	0	0	0	0	0
10/14/2023 20:04	52401 GRPA_T2	0	0	0	0	0	0	-0.45	-0.43	0	0	0	0	0	0
10/14/2023 20:04	52401 GRPA_T2	0	0	0	0	0	0	-0.45	-0.43	0	0	0	0	0	0
10/14/2023 20:04	64801 MONE_T2	0	0	0	0	0	0	0.37	0.39	0	0	0	0	0	0
10/14/2023 20:04	61801 EEU_T2	2	2	0	1.1	1.3	0.2	-1.03	-1.08	1	1	0	600	600	0
10/14/2023 20:04	65604 QVIL_T2	0	0	0	0	0	0	0.29	0.27	0	0	0	0	0	0
10/14/2023 20:04	15001 BLMO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/14/2023 20:05	12701 MACU_T1	0	0	0	0	0	0	0.08	0.1	0	0	0	0	0	0
10/14/2023 20:05	58402 MORO_T1	0	0	0	0	0	0	-1.38	-1.39	2	2	0	1500	1500	0
10/14/2023 20:05	56801 BENV_T1	6	18	12	0.25	0.42	0.17	-0.76	-0.78	1	1	0	600	600	0
10/14/2023 20:06	12701 MACU_T1	0	0	0	0	0	0	0.08	0.1	0	0	0	0	0	0
10/14/2023 20:07	44904 SCOT_T1	0	0	0	0	0	0	-0.21	-0.16	0	0	0	0	0	0
10/14/2023 20:07	56801 BENV_T1	6	18	12	0.25	0.42	0.17	-0.76	-0.78	1	1	0	600	600	0
10/14/2023 20:07	44601 SALE_T2	0	1	1	0	0.2	0.2	-0.16	-0.19	0	0	0	0	0	0
10/14/2023 20:08	15001 BLMO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/14/2023 20:08	46504 LOHA_T1	2	2	0	0.55	0.65	0.1	0	0	0	0	0	0	0	0
10/14/2023 20:08	45702 LIND_T2	0	0	0	0	0	0	-0.53	-0.53	0	0	0	0	0	0
10/14/2023 20:09	42701 AUGU_T1	0	0	0	0	0	0	0	0	2	2	0	1800	1800	0
10/14/2023 20:09	44902 SCOT_T2	450	447	-3	0.3	0.28	-0.02	0	0	0	0	0	0	0	0
10/14/2023 20:09	42802 SELI_T1	0	0	0	0	0	0	-1.38	-1.36	0	0	0	0	0	0
10/14/2023 20:09	40701 FFLD_T1	46	51	5	0.42	0.45	0.03	0	0	0	0	0	0	0	0
10/14/2023 20:09	40101 HUNT_T2	0	0	0	0	0	0	-0.68	-0.69	0	0	0	0	0	0
10/14/2023 20:09	43304 WATS_T2	0	0	0	0	0	0	-0.64	-0.65	0	0	0	0	0	0
10/14/2023 20:10	46203 DANV_T2	0	0	0	0	0	0	-0.05	-0.07	0	0	0	0	0	0
10/14/2023 20:10	66703 STRA_T1	0	0	0	0	0	0	-0.39	-0.38	0	0	0	0	0	0
10/14/2023 20:10	65604 QVIL_T2	0	0	0	0	0	0	0.29	0.27	0	0	0	0	0	0
10/14/2023 20:11	45001 LIME_2	0	1	1	0	0.1	0.1	0	0	0	0	0	0	0	0
10/14/2023 20:11	46203 DANV_T2	0	0	0	0	0	0	-0.05	-0.07	0	0	0	0	0	0
10/14/2023 20:11	42701 AUGU_T1	0	0	0	0	0	0	0	0	2	2	0	1800	1800	0
10/14/2023 20:11	49803 UNIV_T1	0	2	2	0	0.1	0.1	0.21	0.17	0	0	0	0	0	0
10/14/2023 20:11	59302 MCAL_T1	1	3	2	1.7	0.7	-1	0	0	0	0	0	0	0	0
10/14/2023 20:11	44201 POIN_T1	0	0	0	0	0	0	-1.75	-1.73	1	1	0	900	900	0
10/14/2023 20:12	43304 WATS_T2	0	0	0	0	0	0	-0.64	-0.65	0	0	0	0	0	0
10/14/2023 20:12	56801 BENV_T1	6	18	12	0.25	0.42	0.17	-3.04	-3.12	4	4	0	2400	2400	0
10/14/2023 20:12	56503 ROCK_T2	0	18	18	0	0	0	0	0	0	0	0	0	0	0
10/14/2023 20:13	28805 LAKE_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/14/2023 20:14	59101 WALK_T2	1	1	0	0	0	0	-0.57	-0.56	0	0	0	0	0	0
10/14/2023 20:14	44201 POIN_T1	0	0	0	0	0	0	-1.73	-1.88	1	1	0	900	900	0
10/14/2023 20:15	67502 WEWI_T2	2	21	19	0.1	0.1	0	0	0	0	0	0	0	0	0
10/14/2023 20:15	58402 MORO_T1	0	0	0	0	0	0	-1.39	-1.45	2	2	0	1500	1500	0
10/14/2023 20:15	45003 LIME_2	1	1	0	3.6	4	0.4	0	0	1	1	0	1200	1200	0
10/14/2023 20:15	52402 GRPA_T2	4	4	0	1.23	1.23	0	0	0	0	0	0	0	0	0
10/14/2023 20:16	56801 BENV_T1	7	18	11	0.43	0.42	-0.01	-1.56	-1.58	2	2	0	1200	1200	0
10/14/2023 20:16	45001 LIME_2	0	1	1	0	0.1	0.1	0	0	0	0	0	0	0	0
10/14/2023 20:16	42802 SELI_T1	0	0	0	0	0	0	-1.36	0	0	0	0	0	0	0
10/14/2023 20:17	46301 ROHR_T1	0	0	0	0	0	0	0.19	0.21	0	0	0	0	0	0
10/14/2023 20:17	44901 SCOT_T2	53	65	12	0.25	0.28	0.03	0	0	0	0	0	0	0	0
10/14/2023 20:17	46801 HEPB_T2	2	2	0	0.3	0.6	0.3	0	0	0	0	0	0	0	0
10/14/2023 20:17	44201 POIN_T1	0	0	0	0	0	0	-1.73	-1.88	1	1	0	900	900	0
10/14/2023 20:17	43402 BENT_T1	0	0	0	0	0	0	-0.96	-0.96	1	1	0	900	900	0
10/14/2023 20:17	45802 HEGI_T2	0	0	0	0	0	0	0.17	0.12	0	0	0	0	0	0
10/14/2023 20:18	46801 HEPB_T2	2	2	0	0.3	0.6	0.3	0.58	0.56	0	0	0	0	0	0
10/14/2023 20:19	43202 MVIL_T2	4	46	42	0.13	0.2	0.07	-0.7	-0.71	0	0	0	0	0	0
10/14/2023 20:19	44901 SCOT_T2	53	65	12	0.25	0.28	0.03	-0.4	-0.45	0	0	0	0	0	0
10/14/2023 20:20	42002 MNVL_T2	1	1	0	2.1	2.1	0	-0.79	-0.8	0	0	0	0	0	0
10/14/2023 20:20	59101 WALK_T2	1	1	0	0	0	0	-0.57	-0.56	0	0	0	0	0	0
10/14/2023 20:20	54701 NEBL_T1	0	0	0	0	0	0	0	0	1	1	0	600	600	0
10/14/2023 20:21	41901 REED_T1	9	9	0	0.37	0.33	-0.04	0	0	0	0	0	0	0	0
10/14/2023 20:21	56801 BENV_T1	7	18	11	0.43	0.42	-0.01	-0.78	-0.79	1	1	0	600	600	0
10/14/2023 20:22	43304 WATS_T2	0	0	0	0	0	0	-0.65	-0.67	0	0	0	0	0	0
10/14/2023 20:22	59301 MCAL_T1	87	50	-37	0.79	0.27	-0.52	-1.06	-1.09	0	0	0	0	0	0
10/14/2023 20:23	53903 HALI_T2	1	2	1	0.1	0.55	0.45	-0.18	-0.15	0	0	0	0	0	0
10/14/2023 20:23	56801 BENV_T1	7	18	11	0.43	0.42	-0.01	-0.78	-0.79	1	1	0	600	600	0
10/14/2023 20:24	43304 WATS_T2	0	0	0	0	0	0	-0.65	-0.67	0	0	0	0	0	0
10/14/2023 20:25	59301 MCAL_T1	87	50	-37	0.79	0.27	-0.52	-1.06	-1.09	0	0	0	0	0	0
10/14/2023 20:27	46302 ROHR_T1	4	4	0	1.75	1.6	-0.15	0.18	0.18	0	0	0	0	0	0
10/14/2023 20:29	52403 GRPA_T2	1	1	0	9.1	8	-1.1	-0.69	-0.08	0	0	0	0	0	0
10/14/2023 20:29	43402 BENT_T1	0	0	0	0	0	0	-0.96	-0.96	1	1	0	900	900	0
10/14/2023 21:17	43402 BENT_T1	3	3	0	0.1	0.13	0.03	-0.99	-0.97	1	1	0	900	900	0
10/14/2023 21:28	45602

10/15/2023 0:28	12701 MACU_T1	0	0	0	0	0	0	0.24	0.24	0	0	0	0	0	0
10/15/2023 0:28	43001 ALWD_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/15/2023 0:28	45602 WOOL_T1	0	0	0	0	0	0	0.66	0.64	0	0	0	0	0	0
10/15/2023 0:28	46801 HEPB_T2	2	2	0	0.15	0.2	0.05	0.44	0.45	0	0	0	0	0	0
10/15/2023 0:28	66505 SMAN_T2	3	0	-3	0.23	0	-0.23	0	0	0	0	0	0	0	0
10/15/2023 0:28	43301 WATS_T2	0	1	1	0	0.2	0.2	0.35	0.31	0	0	0	0	0	0
10/15/2023 0:28	29401 BELT_T1	0	0	0	0	0	0	0	0	1	1	0	900	900	0
10/15/2023 0:28	44502 HAMI_T2	1	1	0	2.8	2.9	0.1	-1.04	-0.94	0	0	0	0	0	0
10/15/2023 0:28	67203 TEHI_T1	1	1	0	0	0	0	0.84	0.86	0	0	0	0	0	0
10/15/2023 0:28	60801 BUCK_T1	0	0	0	0	0	0	-0.54	-0.5	0	0	0	0	0	0
10/15/2023 0:28	44201 POIN_T1	0	0	0	0	0	0	-2.12	-2.08	1	1	0	900	900	0
10/15/2023 0:28	67503 WEWI_T2	0	0	0	0	0	0	-0.41	-0.38	0	0	0	0	0	0
10/15/2023 0:28	26603 BROO_T1	0	0	0	0	0	0	0.01	-0.02	0	0	0	0	0	0
10/15/2023 0:28	40101 HUNT_T2	0	0	0	0	0	0	-2.34	-2.37	0	0	0	0	0	0
10/15/2023 0:28	59302 MCAL_T1	2	8	6	1.1	0.45	-0.65	0.09	0.08	0	0	0	0	0	0
10/15/2023 0:28	59302 MCAL_T1	2	8	6	1.1	0.45	-0.65	0.09	0.08	0	0	0	0	0	0
10/15/2023 0:28	17804 GILB_T2	0	0	0	0	0	0	-0.59	-0.6	0	0	0	0	0	0
10/15/2023 0:28	23401 HONE_T2	1	1	0	1	1.1	0.1	-0.16	-0.18	0	0	0	0	0	0
10/15/2023 0:28	28403 HART_T2	0	0	0	0	0	0	-0.9	-0.9	1	1	0	900	900	0
10/15/2023 0:28	16402 MOPO_T1	0	0	0	0	0	0	0.5	0.47	0	0	0	0	0	0
10/15/2023 0:28	41801 GOCI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/15/2023 0:28	44601 SALE_T2	1	1	0	0.5	0.4	-0.1	-0.2	-0.2	0	0	0	0	0	0
10/15/2023 0:28	43402 BENT_T1	0	1	1	0	0	0	-0.99	-0.99	1	1	0	900	900	0
10/15/2023 0:28	46001 BERW_T1	0	0	0	0	0	0	0.48	0.5	0	0	0	0	0	0
10/15/2023 0:29	43402 BENT_T1	0	1	1	0	0	0	-0.99	-0.99	1	1	0	900	900	0
10/15/2023 0:37	43402 BENT_T1	0	1	1	0	0	0	-0.99	-0.99	1	1	0	900	900	0
10/15/2023 1:05	16302 ALPA_T2	0	0	0	0	0	0	0.43	0.42	0	0	0	0	0	0
10/15/2023 6:27	65001 NEFF_T2	82	9	-73	0.12	0.13	0.01	-1.39	-1.41	1	1	0	1200	1200	0
10/15/2023 8:06	29402 BELT_T1	66	174	108	0.38	0.76	0.38	0	0	0	0	0	0	0	0
10/15/2023 8:12	46801 HEPB_T2	2	2	0	0.2	0.1	-0.1	0.5	0.5	0	0	0	0	0	0
10/15/2023 8:20	54701 NEBL_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/15/2023 8:32	61303 EARL_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/15/2023 8:43	46203 DANV_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/15/2023 8:56	42503 ALTA_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/15/2023 8:57	56802 BENV_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/15/2023 8:58	22901 HARW_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/15/2023 9:13	26603 BROO_T1	0	0	0	0	0	0	0.24	0.22	0	0	0	0	0	0
10/15/2023 9:17	54701 NEBL_T1	0	0	0	0	0	0	0	0	1	1	0	600	600	0
10/15/2023 9:24	49803 UNIV_T1	0	0	0	0	0	0	-1.2	-1.2	0	0	0	0	0	0
10/15/2023 9:26	41801 GOCI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/15/2023 9:26	28805 LAKE_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/15/2023 9:28	28805 LAKE_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/15/2023 9:29	41801 GOCI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/15/2023 9:29	40101 HUNT_T2	0	0	0	0	0	0	-0.75	-0.71	0	0	0	0	0	0
10/15/2023 9:30	61303 EARL_T1	0	0	0	0	0	0	-0.04	-0.05	0	0	0	0	0	0
10/15/2023 9:30	23401 HONE_T2	0	0	0	0	0	0	0	-0.02	0	0	0	0	0	0
10/15/2023 9:30	42001 MNVL_T2	0	0	0	0	0	0	0.01	0.02	0	0	0	0	0	0
10/15/2023 9:34	66701 STRA_T1	1	1	0	0.7	0.9	0.2	0	0	0	0	0	0	0	0
10/15/2023 9:37	13704 SCHN_T2	0	0	0	0	0	0	-0.35	-0.35	0	0	0	0	0	0
10/15/2023 9:38	29402 BELT_T1	0	203	203	0	0.77	0.77	0	0	0	0	0	0	0	0
10/15/2023 9:39	46203 DANV_T2	0	1	1	0	0	0	-0.12	-0.11	0	0	0	0	0	0
10/15/2023 9:45	59302 MCAL_T1	1	1	0	1.4	1.5	0.1	0	0	0	0	0	0	0	0
10/15/2023 9:47	43202 MVIL_T2	3	19	16	0.17	0.15	-0.02	-0.7	-0.69	0	0	0	0	0	0
10/15/2023 9:49	67602 WARW_T2	0	1	1	0	0	0	1.32	1.3	1	1	0	300	300	0
10/15/2023 9:49	43202 MVIL_T2	3	19	16	0.17	0.15	-0.02	-0.7	-0.69	0	0	0	0	0	0
10/15/2023 9:51	67401 WAKE_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/15/2023 9:51	41901 REED_T1	3	5	2	0.33	0.28	-0.05	-2.1	-2.07	1	1	0	900	900	0
10/15/2023 9:52	59202 THOM_T1	3	2	-1	0.23	0.1	-0.13	0	0	0	0	0	0	0	0
10/15/2023 9:53	56802 BENV_T2	2	2	0	0.2	0.55	0.35	-1.46	-1.44	0	0	0	0	0	0
10/15/2023 9:53	10801 CHHI_T1	0	0	0	0	0	0	-0.96	-0.97	1	1	0	900	900	0
10/15/2023 9:54	60801 BUCK_T1	0	1	1	0	0.1	0.1	-0.21	-0.19	0	0	0	0	0	0
10/15/2023 9:55	56802 BENV_T2	2	2	0	0.2	0.55	0.35	-2.92	-2.88	0	0	0	0	0	0
10/15/2023 9:56	15001 BLMO_T1	0	0	0	0.2	0.3	0.1	0	0	0	0	0	0	0	0
10/15/2023 10:00	58402 MORO_T1	0	0	0	0	0	0	-4.17	-4.2	6	6	0	4500	4500	0
10/15/2023 10:00	52403 GRPA_T2	0	1	1	0	0.7	0.7	-0.22	-0.14	0	0	0	0	0	0
10/15/2023 10:00	67605 WARW_T1	5	0	-5	0.24	0	-0.24	0	0	0	0	0	0	0	0
10/15/2023 10:00	16402 MOPO_T1	0	1	1	0	0	0	0.53	0.53	0	0	0	0	0	0
10/15/2023 10:00	66505 SMAN_T2	0	0	0	0	0	0	0.02	0.09	2	2	0	1100	1100	0
10/15/2023 10:00	56601 HAMP_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/15/2023 10:00	12604 MACA_T1	0	0	0	0	0	0	0.29	0.3	0	0	0	0	0	0
10/15/2023 10:00	46004 BERW_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/15/2023 10:00	40602 PIGR_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/15/2023 10:00	52503 PROG_T2	0	0	0	0	0	0	-0.75	-0.73	1	1	0	900	900	0
10/15/2023 10:00	42503 ALTA_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/15/2023 10:00	64801 MONE_T2	0	0	0	0	0	0	0.28	0.28	0	0	0	0	0	0
10/15/2023 10:00	13704 SCHN_T2	0	1	1	0	0.1	0.1	-0.36	-0.35	0	0	0	0	0	0
10/15/2023 10:00	41901 REED_T1	3	5	2	0.4	0.28	-0.12	-2.07	-2.11	1	1	0	900	900	0
10/15/2023 10:00	23301 JEFF_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/15/2023 10:00	46203 DANV_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/15/2023 10:00	54701 NEBL_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/15/2023 10:00	22901 HARW_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/15/2023 10:00	26401 INOR_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/15/2023 10:00	45902 AUBU_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/15/2023 10:00	43001 ALWD_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/15/2023 10:00	20401 ASHF_T2	0	0	0	0	0	0	-0.44	-0.41	1	1	0	600	600	0
10/15/2023 10:00	13503 MCMI_T2	0	0	0	0	0	0	-0.01	-0.01	0	0	0	0	0	0
10/15/2023 10:00	56802 BENV_T2	2	2	0	0.55	0.45	-0.1	-1.44	-1.43	0	0	0	0	0	0
10/15/2023 10:00	67401 WAKE_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/15/2023 10:00	63601 LETO_T1	2	0	-2	0.15	0	-0.15	0.73	1.03	1	1	0	900	900	0
10/15/2023 10:02	61303 EARL_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/15/2023 10:04	13701 SCHN_T2	1	2	1	0.2	0.2	0	0	0	0	0	0	0	0	0
10/15/2023 10:06	49803 UNIV_T1	0	0	0	0	0	0	-1.18	-1.19	0	0	0	0	0	0
10/15/2023 10:06	64101 REFR_T1	0	0	0	0	0	0	0.03	-0.01	0	0	0	0	0	0
10/15/2023 10:07	60801 BUCK_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/15/2023 10:07	56802 BENV_T2	2	2	0	0.55	0.45	-0.1	-1.44	-1.43	0	0	0	0	0	0
10/15/2023 10:07	29402 BELT_T1	199	200	1	0.75	0.84	0.09	0	0	0	0	0	0	0	0
10/15/2023 10:08	10801 CHHI_T1	0	1	1	0	0.1	0.1	-0.97	-0.97	1	1	0	900	900	0
10/15/2023 10:08	56802 BENV_T2	2	2	0	0.55	0.45	-0.1	-2.88	-2.86	0	0	0	0	0	0
10/15/2023 10:09	56802 BENV_T2	2	2	0	0.55	0.45	-0.1	-1.44	-1.43	0	0	0	0	0	0
10/15/2023 10:09	43001 ALWD_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/15/2023 10:09	20403 ASHF_T2	0	0	0	0	0	0	0.15	0.15	0	0	0	0	0	0
10/15/2023 10:09	67503 WEWI_T2	0	0	0	0	0	0	-0.29	-0.27	0	0	0	0	0	0
10/15/2023 10:09	56801 BENV_T1	22	6	-16	0.81	0.43	-0.38	-1.62	-1.58	2	2	0	1200	1200	0
10/15/2023 10:10	20403 ASHF_T2	0	0	0	0	0	0	0.15	0.15	0	0	0	0	0	0
10/15/2023 10:10	46203 DANV_T2	0	0	0	0	0	0	-0.08	-0.1	0	0	0	0	0	0
10/15/2023 10:10	29402 BELT_T1	199	200	1	0.75	0.84	0.09	0	0	0	0	0	0	0	0
10/15/2023 10:11	26603 BROO_T1	1	0	-1	4.9	0	-4.9	0.22	0.29	0	0	0	0	0	0
10/15/2023 10:11	60801 BUCK_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/15/2023 10:11	56801 BENV_T1	22	6	-16	0.81	0.43	-0.38	-0.81	-0.79	1	1	0	600	600	0
10/15/2023 10:12	56802 BENV_T2	2	2	0	0.55	0.45	-0.1	-1.44	-1.43	0	0	0	0	0	0
10/15/2023 10:12	23401 HONE_T2	0	0	0	0	0	0	-0.04	-0.03	0	0	0	0	0	0
10/15/2023 10:12	17802 GILB_T1	0	0	0	0	0	0	0.14	0.13	0	0	0	0	0	0
10/15/2023 10:13	46801 HEPB_T2	0	0	0	0	0	0	0.55	0.56	0	0	0	0	0	0
10/15/2023 10:14	21606 EYNO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/15/2023 10:15	44502 HAMI_T2	1	1	0	2.5	2.1	-0.4	-0.92	-0.93	0	0	0	0	0	0
10/15/2023 10:15	17804 GILB_T2	0	1	1	0	0.2	0.2	-0.55	-0.54	0	0	0	0	0	0
10/15/2023 10:15	59302 MCAL_T1	1	1	0	1.5	1.4	-0.1	0.1	0.11	0	0	0	0	0	0
10/15/2023 10:15	43202 MVIL_T2	3	17	14	0.1	0.23	0.13	-0.69	-0.68	0	0	0	0	0	0
10/15/2023 10:15	54701 NEBL_T1	0	0	0	0	0	0	0	0	1	1	0	600	600	0
10/15/2023 10:16	12701 MACU_T1	0	0	0	0	0	0	0.08	0.08	0	0	0	0	0	0
10/15/2023 10:16	59302 MCAL_T1	1	1	0	1.5	1.4	-0.1	0	0	0	0	0	0	0	0
10/15/2023 10:16	40101 HUNT_T2	0	0	0	1	0	-0.71	-0.69	0	0	0	0	0	0	0
10/15/2023 10:17	66505 SMAN_T2	0	0	0	0	0	0	0.09	-0.03	2	2	0	1100	1100	0
10/15/2023 10:17	52501 PROG_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/15/2023 10:18	46301 ROHR_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/15/2023 10:18	42002 MNVL_T2	1	3	2	2.7	2.8	0.1	0	0	0	0	0	0	0	0
10/15/2023 10:18	56501 ROCK_T2	1	3	2	0.1	0.25	0.15	-0.42	-0.4	0	0	0	0	0	0
10/15/2023 10:18	12701 MACU_T1	0	0	0	0	0	0	0.08	0.08	0	0	0	0	0	0
10/15/2023 10:19	65001 NEFF_T2	0	0	0	0	0	0	-1.21	-1.3	1	1	0	1200	1200	0
10/15/2023 10:19	43201 MVIL_T2	0	1	1	0	0.3	0.3	0	0	0	0	0	0	0	0
10/15/2023 10:20	42201 SHEN_T2	0	0	0	0	0	0	0.37	0.37	0	0	0	0	0	0
10/15/2023 10:21	43304 WATS_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/15/2023 10:21	46302 ROHR_T1	4	4	0	1.48	2.03	0.55	0.19	0.19	0	0	0	0	0	0
10/15/2023 10:22	45402 WILO_T2	1	1	0	0.6	0.5	-0.1	0	0	0	0	0	0	0	0
10/15/2023 10:22	25801 SUTR_T2	0	0	0	0	0	0	-0.07	-0.05	0	0	0	0	0	0
10/15/2023 10:22	46302 ROHR_T1	4	4	0	1.48	2.03	0.55	0.19	0.19	0	0	0	0	0	0
10/15/2023 10:22	59202 THOM_T1	2	0	-2	0.1	0	-0.1	0	0	0	0	0	0	0	0
10/15/2023 10:22	15001 BLMO_T1	0	2	2	0	0.3	0.3	0	0	0	0	0	0	0	0
10/15/2023 10:23	45902 AUBU_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/15/2023 10:23	15001 BLMO_T1	0	2	2	0	0.3	0.3	0	0	0	0	0	0	0	0
10/15/2023 10:23	28601 BLYT_T2	0	1	1	0	0	0	0	0	0	0	0	0	0	0
10/15/2023 10:24	15001 BLMO_T1	0	2	2	0	0.3	0.3	0	0	0	0	0	0	0	0
10/15/2023 10:25	67503 WEWI_T2	1	2	1	0.8	0.3	-0.5	-1.56	-1.54	1	1	0	900	900	0
10/15/2023 10:25	29402 BELT_T1	164	209	45	0.81	0.83	0.02	0	0	0	0	0	0	0	0
10/15/2023 10:26	67503 WEWI_T2	0	0	0	0	0	0	-0.27	-0.29	0	0	0	0	0	0
10/15/2023 10:26	28403 HART_T2	0	0	0	0	0	0	-0.77	-0.8	1	1	0	900	900	0
10/15/2023 10:26	60801 BUCK_T1	0	1	1	0	0.2	0.2	-0.18	-0.2	0	0	0	0	0	0
10/15/2023 10:26	67503 WEWI_T2	0	0	0	0	0	0	-0.27	-0.29	0	0	0	0	0	0
10/15/2023 10:26	23401 HONE_T2	0	0	0	0	0	0	-0.03	-0.01	0	0	0	0	0	0
10/15/2023 10:26	61801 EELI_T2	2	3	1	0.75	0.93	0.18	-0.99	-0.93	1	1	0	600	600	0
10/15/2023 10:27	23401 HONE_T2	0	0	0	0	0	0	-0.03	-0.01	0	0	0	0	0	0
10/15/2023 10:28	46801 HEPB_T2	0	1	1	0	0.1	0.1	0	0	0	0	0	0	0	0
10/15/2023 10:29	43402 BENT_T1	4	7	3	0.18	0.37	0.19	-0.95	-0.96	1	1	0	900	900	0
10/15/2023 10:30	28805 LAKE_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/15/2023 10:31	28805 LAKE_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/15/2023 10:32	52403 GRPA_T2	1	1	0	1.2	0.2	-1	-0.1	-0.09	0	0	0	0	0	0
10/15/2023 10:35	52401 GRPA_T2	0	0	-1	0.8	0	-0.8	0	0	0	0	0	0	0	0
10/15/2023 10:37	45602 WOOL_T1	0	0	0	0	0	0	0.41	0.38	0	0	0	0	0	0
10/15/2023 10:37	67602 WARW_T2	0	1	1	0	0.2	0.2	1.3	1.36	1	1	0	300	300	0
10/15/2023 10:38	45602 WOOL_T1	0	0	0	0	0	0	0.82	0.76	0	0	0	0	0	0
10/15/2023 10:39	67502 WEWI_T2	1	2	1	0.5	0.25	-0.25	0	0	0	0	0	0	0	0
10/15/2023 10:42	46801 HEPB_T2	0	1	1	0	0.1	0.1	0.55	0.57	0	0	0	0	0	0
10/15/2023 10:43	40101 HUNT_T2	0	1	1	0	0	0	-0.69	-0.7	0	0	0	0	0	0
10/15/2023 10:43	46206 DANV_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/15/2023 10:45	40101 HUNT_T2	1	0	-1	0.1	0	-0.1	-0.7	-0.71	0	0	0	0	0	0
10/15/2023 10:47	45702 LIND_T2	0	0	0	0	0	0	-0.51	-0.54	0	0	0	0	0	0
10/15/2023 10:49	64101 REFR_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/15/2023 10:49	59101 WALK_T2	1	1	0	0	0	0	0.87	1.18	0	0	0	0	0	0
10/15/2023 10:51	15001 BLMO_T1	1	2	1	0.1	0.15	0.05	0	0	0	0	0	0	0	0
10/15/2023 10:51	44201 POIN_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/15/2023 10:51	59101 WALK_T2	1	1	0	0	0	0	0.87	1.18	0	0	0	0	0	0
10/15/2023 10:51	29401 BELT_T1	0	0	0	0	0	0	0	0	1	1	0	900	900	0
10/15/2023 10:52	66701 STRA_T1	1	0	-1	0.3	0	-0.3	0	0	0	0	0	0	0	0
10/15/2023 10:52	27502 WEIS_T2	0	2	2	0	0	0.05	-0.64	0	0	0	0	0	0	0
10/15/2023 10:55	29402 BELT_T1	198	168	-30	0.79	0.79	0	0	0	0	0	0	0	0	0
10/15/2023 10:57	26401 INOR_T1	0	0	0	0	0	0	0.27	0.25	0	0	0	0	0	0
10/15/2023 10:57	64801 MONE_T2	0	0	0	0	0	0	0.29	0.3	0	0	0	0	0	0
10/15/2023 10:58	17804 GILB_T2	1	0	-1	0.2	0	-0.2	0	0	0	0	0	0	0	0
10/15/2023 10:58	65604 QVIL_T2	0	0	0	0	0	0	0.3	0.29	0	0	0	0	0	0
10/15/2023 10:59	65604 QVIL_T2	0	0	0	0	0	0	0.29	0.31	0	0	0	0	0	0
10/15/2023 10:59	17804 GILB_T2	1	0	-1

Appendix C - Grid Benefits Achieved in Each Instance of Active Management

10/15/2023 11:31	52004 LING_T2	3	2	-1	0.37	0.6	0.23	0.17	0.11	0	0	0	0	0	0
10/15/2023 11:32	52402 GRPA_T2	3	4	1	0.73	0.73	0	0	0	0	0	0	0	0	0
10/15/2023 11:33	44901 SCOT_T2	37	34	-3	0.24	0.22	-0.02	-0.1	-0.42	0	0	0	0	0	0
10/15/2023 11:34	41901 REED_T1	3	2	-1	0.27	0.2	-0.07	0	0	0	0	0	0	0	0
10/15/2023 11:35	44901 SCOT_T2	37	34	-3	0.24	0.22	-0.02	-0.1	-0.42	0	0	0	0	0	0
10/15/2023 11:35	45602 WOOL_T1	0	0	0	0	0	0	1.2	1.17	0	0	0	0	0	0
10/15/2023 11:35	52403 GRPA_T2	1	6	5	0.2	0.33	0.13	-0.24	-0.24	0	0	0	0	0	0
10/15/2023 11:36	44904 SCOT_T1	0	0	0	0	0	0	-0.17	-0.18	0	0	0	0	0	0
10/15/2023 11:36	15001 BLMO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/15/2023 11:36	52403 GRPA_T2	1	6	5	0.2	0.33	0.13	0	0	0	0	0	0	0	0
10/15/2023 11:36	56802 BENV_T2	1	1	0	0.6	0.2	-0.4	-1.4	-1.42	0	0	0	0	0	0
10/15/2023 11:36	41901 REED_T1	3	2	-1	0.27	0.2	-0.07	-2.17	-2.13	1	1	0	900	900	0
10/15/2023 11:37	56802 BENV_T2	1	1	0	0.6	0.2	-0.4	-1.4	-1.42	0	0	0	0	0	0
10/15/2023 11:37	57601 RUTH_T2	0	0	0	0	0	0	0.55	0.63	0	0	0	0	0	0
10/15/2023 11:37	56801 BENV_T1	8	7	-1	0.44	0.49	0.05	-0.8	-0.78	1	1	0	600	600	0
10/15/2023 11:37	15001 BLMO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/15/2023 11:38	15001 BLMO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/15/2023 11:38	56801 BENV_T1	8	7	-1	0.44	0.49	0.05	-1.6	-1.56	2	2	0	1200	1200	0
10/15/2023 11:38	20403 ASHF_T2	0	0	0	0	0	0	0.14	0.18	0	0	0	0	0	0
10/15/2023 11:39	56802 BENV_T2	1	1	0	0.6	0.2	-0.4	-2.8	-2.84	0	0	0	0	0	0
10/15/2023 11:40	20401 ASHF_T2	0	2	2	0	0.15	0.15	0	0	0	0	0	0	0	0
10/15/2023 11:40	56802 BENV_T2	1	1	0	0.6	0.2	-0.4	-1.4	-1.42	0	0	0	0	0	0
10/15/2023 11:40	46203 DANV_T2	0	0	0	0	0	0	-0.08	-0.08	0	0	0	0	0	0
10/15/2023 11:40	56801 BENV_T1	8	7	-1	0.44	0.49	0.05	-2.4	-2.34	3	3	0	1800	1800	0
10/15/2023 11:40	67602 WARW_T2	0	0	0	0	0	0	0.35	0.39	0	0	0	0	0	0
10/15/2023 11:41	15001 BLMO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/15/2023 11:41	56801 BENV_T1	8	7	-1	0.44	0.49	0.05	-0.8	-0.78	1	1	0	600	600	0
10/15/2023 11:41	46206 DANV_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/15/2023 11:41	56802 BENV_T2	1	1	0	0.6	0.2	-0.4	-2.8	-2.84	0	0	0	0	0	0
10/15/2023 11:41	46203 DANV_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/15/2023 11:42	21606 EYNO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/15/2023 11:42	20601 GRWO_T2	0	4	4	0	0	0	0.44	0.43	0	0	0	0	0	0
10/15/2023 11:43	46203 DANV_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/15/2023 11:44	44502 HAMI_T2	1	1	0	2.3	2.5	0.2	-0.88	-0.88	0	0	0	0	0	0
10/15/2023 11:45	45001 LIME_2	5	5	0	0.14	0.12	-0.02	0	0	0	0	0	0	0	0
10/15/2023 11:46	45001 LIME_2	5	5	0	0.14	0.12	-0.02	0	0	0	0	0	0	0	0
10/15/2023 11:47	64101 REFR_T1	0	0	0	0	0	0	0.08	0.08	0	0	0	0	0	0
10/15/2023 11:48	66505 SMAN_T2	0	0	0	0	0	0	0.01	0.16	2	2	0	1100	1100	0
10/15/2023 11:48	66504 SMAN_T2	0	0	0	0	0	0	-0.63	-0.67	0	0	0	0	0	0
10/15/2023 11:48	63602 LETO_T1	1	1	0	0.2	0.1	-0.1	0	0	0	0	0	0	0	0
10/15/2023 11:48	52403 GRPA_T2	4	4	0	0.28	0.3	0.02	-0.12	-0.09	0	0	0	0	0	0
10/15/2023 11:48	64101 REFR_T1	0	0	0	0	0	0	0.08	0.08	0	0	0	0	0	0
10/15/2023 11:49	64101 REFR_T1	0	0	0	0	0	0	0.08	0.08	0	0	0	0	0	0
10/15/2023 11:49	44201 POIN_T1	0	0	0	0	0	0	-2.05	-2.05	1	1	0	900	900	0
10/15/2023 11:49	66504 SMAN_T2	0	0	0	0	0	0	-0.63	-0.67	0	0	0	0	0	0
10/15/2023 11:50	64101 REFR_T1	0	0	0	0	0	0	0.17	0.16	0	0	0	0	0	0
10/15/2023 11:50	52402 GRPA_T2	3	4	1	0.73	0.73	0	0	0	0	0	0	0	0	0
10/15/2023 11:50	67602 WARW_T2	0	0	0	0	0	0	0.39	0.37	0	0	0	0	0	0
10/15/2023 11:50	14802 TREI_T2	0	0	0	0	0	0	0.34	0.34	0	0	0	0	0	0
10/15/2023 11:51	45602 WOOL_T1	0	0	0	0	0	0	1.17	1.17	0	0	0	0	0	0
10/15/2023 11:51	64101 REFR_T1	0	0	0	0	0	0	0.08	0.08	0	0	0	0	0	0
10/15/2023 11:52	52403 GRPA_T2	4	4	0	0.28	0.3	0.02	0	0	0	0	0	0	0	0
10/15/2023 11:52	66505 SMAN_T2	0	0	0	0	0	0	0.01	0.16	2	2	0	1100	1100	0
10/15/2023 11:53	14802 TREI_T2	0	0	0	0	0	0	0.34	0.34	0	0	0	0	0	0
10/15/2023 11:54	20403 ASHF_T2	0	0	0	0	0	0	0.18	0.18	0	0	0	0	0	0
10/15/2023 11:55	20401 ASHF_T2	0	2	2	0	0.15	0.15	0	0	0	0	0	0	0	0
10/15/2023 11:58	63602 LETO_T1	1	1	0	0.2	0.1	-0.1	0	0	0	0	0	0	0	0
10/15/2023 11:58	20601 GRWO_T2	4	0	-4	0.88	0	-0.88	0.43	0.46	0	0	0	0	0	0
10/15/2023 12:00	44502 HAMI_T2	1	1	0	2.5	2.5	0	-0.88	-0.95	0	0	0	0	0	0
10/15/2023 12:01	45003 LIME_2	1	1	0	3.6	3.3	-0.3	0	0	2	2	0	2400	2400	0
10/15/2023 12:01	60502 NMAN_T2	0	0	0	0	0	0	-0.45	-0.47	0	0	0	0	0	0
10/15/2023 12:01	47101 MARL_T1	0	0	0	0	0	0	-0.25	-0.27	0	0	0	0	0	0
10/15/2023 12:02	41901 REED_T1	2	3	1	0.2	0.27	0.07	-2.16	-2.13	1	1	0	900	900	0
10/15/2023 12:02	52004 LING_T2	1	0	-1	1	0	-1	0.14	0.13	0	0	0	0	0	0
10/15/2023 12:02	64101 REFR_T1	0	0	0	0	0	0	0.08	0.03	0	0	0	0	0	0
10/15/2023 12:02	41901 REED_T1	2	3	1	0.2	0.27	0.07	-2.16	-2.13	1	1	0	900	900	0
10/15/2023 12:03	47101 MARL_T1	0	0	0	0	0	0	-0.5	-0.55	0	0	0	0	0	0
10/15/2023 12:03	64101 REFR_T1	0	0	0	0	0	0	0.08	0.03	0	0	0	0	0	0
10/15/2023 12:04	44902 SCOT_T2	0	1	1	0	0.3	0.3	0	0	0	0	0	0	0	0
10/15/2023 12:04	64101 REFR_T1	0	0	0	0	0	0	0.08	0.03	0	0	0	0	0	0
10/15/2023 12:04	52403 GRPA_T2	4	1	-3	0.35	0.2	-0.15	-0.09	-0.11	0	0	0	0	0	0
10/15/2023 12:05	45303 WBER_T2	9	20	11	0.84	0.54	-0.3	-0.36	-0.33	0	0	0	0	0	0
10/15/2023 12:05	64101 REFR_T1	0	0	0	0	0	0	0.08	0.03	0	0	0	0	0	0
10/15/2023 12:06	44901 SCOT_T2	4	54	50	0.1	0.26	0.16	-0.41	-0.39	0	0	0	0	0	0
10/15/2023 12:06	41902 REED_T1	0	0	0	0	0	0	3.2	3.35	0	0	0	0	0	0
10/15/2023 12:06	52402 GRPA_T2	4	5	1	0.73	0.56	-0.17	0	0	0	0	0	0	0	0
10/15/2023 12:06	64101 REFR_T1	0	0	0	0	0	0	0.16	0.05	0	0	0	0	0	0
10/15/2023 12:06	45303 WBER_T2	9	20	11	0.84	0.54	-0.3	-0.36	-0.33	0	0	0	0	0	0
10/15/2023 12:07	45303 WBER_T2	9	20	11	0.84	0.54	-0.3	-0.36	-0.33	0	0	0	0	0	0
10/15/2023 12:07	44904 SCOT_T1	0	0	0	0	0	0	-0.15	-0.15	0	0	0	0	0	0
10/15/2023 12:07	41901 REED_T1	2	3	1	0.2	0.27	0.07	0	0	0	0	0	0	0	0
10/15/2023 12:08	52401 GRPA_T2	0	0	0	0	0	0	-0.51	-0.48	0	0	0	0	0	0
10/15/2023 12:08	15001 BLMO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/15/2023 12:09	15001 BLMO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/15/2023 12:10	15001 BLMO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/15/2023 12:10	46203 DANV_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/15/2023 12:10	44502 HAMI_T2	1	1	0	2.5	2.5	0	-0.88	-0.95	0	0	0	0	0	0
10/15/2023 12:13	52004 LING_T2	1	0	-1	1	0	-1	0.14	0.13	0	0	0	0	0	0
10/15/2023 12:14	63602 LETO_T1	1	0	-1	0.1	0	-0.1	0	0	0	0	0	0	0	0
10/15/2023 12:16	46203 DANV_T2	0	1	1	0	0.3	0.3	-0.111	-0.09	0	0	0	0	0	0
10/15/2023 12:17	47101 MARL_T1	0	0	0	0	0	0	-0.55	-0.51	0	0	0	0	0	0
10/15/2023 12:18	66504 SMAN_T2	0	2	2	0	0.45	0.45	0	0	0	0	0	0	0	0
10/15/2023 12:20	66505 SMAN_T2	0	0	0	0	0	0	0.22	0.03	2	2	0	1100	1100	0
10/15/2023 12:20	66505 SMAN_T2	0	0	0	0	0	0	0.22	0.03	2	2	0	1100	1100	0
10/15/2023 12:21	66504 SMAN_T2	0	2	2	0	0.45	0.45	-1.86	-1.77	1	1	0	1200	1200	0
10/15/2023 12:25	46203 DANV_T2	0	1	1	0	0.3	0.3	0	0	0	0	0	0	0	0
10/15/2023 12:25	47101 MARL_T1	0	0	0	0	0	0	-0.27	-0.25	0	0	0	0	0	0
10/15/2023 12:25	15001 BLMO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/15/2023 12:27	23401 HONE_T2	0	2	2	0	0.7	0.7	-0.06	-0.07	0	0	0	0	0	0
10/15/2023 12:28	23401 HONE_T2	0	2	2	0	0.7	0.7	-0.06	-0.07	0	0	0	0	0	0
10/15/2023 12:29	20601 GRWO_T2	0	0	0	0	0	0	0.45	0.42	0	0	0	0	0	0
10/15/2023 12:33	44902 SCOT_T2	1	4	3	0.3	0.55	0.25	0	0	0	0	0	0	0	0
10/15/2023 12:33	44904 SCOT_T1	0	0	0	0	0	0	-0.17	-0.16	0	0	0	0	0	0
10/15/2023 12:34	64101 REFR_T1	0	0	0	0	0	0	-0.01	0.08	0	0	0	0	0	0
10/15/2023 12:36	44901 SCOT_T2	54	67	13	0.26	0.32	0.06	-0.14	-0.4	0	0	0	0	0	0
10/15/2023 12:37	56803 BENV_T1	2	1	-1	0.95	0.7	-0.25	0	0	0	0	0	0	0	0
10/15/2023 12:38	56802 BENV_T2	3	5	2	0.17	0.42	0.25	-1.43	-1.43	0	0	0	0	0	0
10/15/2023 12:38	45602 WOOL_T1	0	0	0	0	0	0	1.2	1.14	0	0	0	0	0	0
10/15/2023 12:38	56801 BENV_T1	21	30	9	0.54	0.79	0.25	-3.12	-3.12	4	4	0	2400	2400	0
10/15/2023 12:39	56802 BENV_T2	3	5	2	0.17	0.42	0.25	-4.29	-4.29	0	0	0	0	0	0
10/15/2023 12:40	56802 BENV_T2	3	5	2	0.17	0.42	0.25	-2.86	-2.86	0	0	0	0	0	0
10/15/2023 12:41	56803 BENV_T1	2	1	-1	0.95	0.7	-0.25	0	0	0	0	0	0	0	0
10/15/2023 12:42	46203 DANV_T2	0	1	1	0	0.3	0.3	-0.18	-0.24	0	0	0	0	0	0
10/15/2023 12:42	56802 BENV_T2	3	5	2	0.17	0.42	0.25	-1.43	-1.43	0	0	0	0	0	0
10/15/2023 12:48	63601 LETO_T1	0	0	0	0	0	0	1.07	1.04	1	1	0	900	900	0
10/15/2023 12:50	64101 REFR_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/15/2023 12:53	56802 BENV_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/15/2023 13:02	63203 MGTN_T1	0	0	0	0	0	0	-0.24	-0.23	1	1	0	600	600	0
10/15/2023 13:03	41901 REED_T1	1	2	1	0.3	0.25	-0.05	0	0	0	0	0	0	0	0
10/15/2023 13:03	64101 REFR_T1	0	0	0	0	0	0	0.03	0.07	0	0	0	0	0	0
10/15/2023 13:04	41901 REED_T1	1	2	1	0.3	0.25	-0.05	0	0	0	0	0	0	0	0
10/15/2023 13:04	14802 TREI_T2	0	3	3	0	1.7	1.7	0.32	0.29	0	0	0	0	0	0
10/15/2023 13:05	41902 REED_T1	3	4	1	0.27	0.3	0.03	0	0	0	0	0	0	0	0
10/15/2023 13:07	29402 BELT_T1	88	74	-14	0.51	0.32	-0.19	0	0	0	0	0	0	0	0
10/15/2023 13:08	20403 ASHF_T2	2	2	0	0.15	0.25	0.1	0.15	0.14	0	0	0	0	0	0
10/15/2023 13:08	56802 BENV_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/15/2023 13:08	14802 TREI_T2	0	3	3	0	1.7	1.7	0.32	0.29	0	0	0	0	0	0
10/15/2023 13:09	20403 ASHF_T2	2	2	0	0.15	0.25	0.1	0.15	0.14	0	0	0	0	0	0
10/15/2023 13:10	60902 DONG_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/15/2023 13:13	46203 DANV_T2	0	0	0	0	0	0	-0.111	-0.11	0	0	0	0	0	0
10/15/2023 13:16	51004 NHAR_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/15/2023 13:21	67401 WAKE_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/15/2023 13:21	67602 WARW_T2	0	0	0	0	0	0	0.4	0.48	0	0	0	0	0	0
10/15/2023 13:24	46203 DANV_T2	0	0	0	0	0	0	-0.111	-0.13	0	0	0	0	0	0
10/15/2023 13:25	24102 EHAZ_T1	0	0	0	0	0	0	-0.81	-0.8	0	0	0	0	0	0
10/15/2023 13:25	60801 BUCK_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/15/2023 13:27	60801 BUCK_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/15/2023 13:29	53903 HAU_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/15/2023 13:30	47001 HUGH_T2	0	0	0	0	0	0	-0.9	-0.91	0	0	0	0	0	0
10/15/2023 13:30	26401 INOR_T1	0	3	3	0	0.2	0.2	0	0	0	0	0	0	0	0
10/15/2023 13:35	54701 NEBL_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/15/2023 13:35	64101 REFR_T1	0	0	0	0	0	0	0.03	0	0	0	0	0	0	0
10/15/2023 13:35	67502 WEWI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/15/2023 13:37	60801 BUCK_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/15/2023 13:37	46302 ROHR_T1	4	4	0	2.4	2.4	0	0	0	0	0	0	0	0	0
10/15/2023 13:38	67203 TEHI_T1	1	1	0	0	0	0	0.85	0.87	1	1	0	900	900	0
10/15/2023 13:40	60801 BUCK_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/15/2023 13:45	53903 HAU_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/15/2023 13:46	61303 EARL_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/15/2023 13:47	47403 PENS_T1	1	1	0	2.7	2.7	0	0	0	0	0	0	0	0	0
10/15/2023 13:47	64101 REFR_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/15/2023 13:48	64101 REFR_T1	0	0	0	0	0	0	-0.01	-0.01	0	0	0	0	0	0
10/15/2023 13:49	64101 REFR_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/15/2023 13:49	44901 SCOT_T2	50	132	82	0.24	0.42	0.18	-0.44	0.03	0	0	0	0	0	0
10/15/2023 13:50	47401 PENS_T1	0	0	0	0	0	0	1.76	1.36	0	0	0	0	0	0
10/15/2023 13:50	64101 REFR_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/15/2023 13:50	66504 SMAN_T2	1	1	0	1.2	0.4	-0.8	-1.82	-1.78	1	1	0	1200	1200	0
10/15/2023 13:50	42601 TUSC_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/15/2023 13:51	44901 SCOT_T2	50	132	82	0.24	0.42	0.18	-0.44	0.03	0	0	0	0	0	0
10/15/2023 13:51	64101 REFR_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/15/2023 13:51	20401 ASHF_T2	3	2	-1	0.1	0.1	0	0	0	0	0	0	0	0	0
10/15/2023 13:51	56801 BENV_T1	24	29	5	0.9	0.78	-0.12	-1.66	-1.62	2	2	0	1200	1200	0
10/15/2023 13:51	54701 NEBL_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/15/2023 13:51	56802 BENV_T2	2	55	53	0.55	0.17	-0.38	-1.49	-1.43	0	0	0	0	0	0
10/15/2023 13:52	56803 BENV_T1	0	2	2	0	0.25	0.25	0	0	0	0	0	0	0	0
10/15/2023 13:52	56802 BENV_T2	2	55	53	0.55	0.17	-0.38	-1.49	-1.43	0	0	0	0	0	0
10/15/2023 13:53	24902 WHHA_T1	21	43	22	0.14	0.18	0.04	0	0	0	0	0	0	0	0
10/15/2023 13:53	56803 BENV_T1	0	2	2	0	0.25	0.25	0	0	0	0	0	0	0	0
10/15/2023 13:54	24901 WHHA_T1	0	4	4	0	0.35	0.35	0.59	0.53	0	0	0	0	0	0
10/15/2023 13:55	20403 ASHF_T2	6	1	-5	0.67	0.5	-0.17	0.11	0.1	0	0	0	0	0	0
10/15/2023 13:55	56803 BENV_T1	0	2	2	0	0.25	0.25	0	0	0	0	0	0	0	0
10/15/2023 13:55	56802 BENV_T2	2	55	53	0.55	0.17	-0.38	-1.49	-1.43	0	0	0	0	0	0
10/15/2023 13:56	56801 BENV_T1	24	29	5	0.9	0.78	-0.12	-0.83	-0.81	1	1	0	600	600	0
10/15/2023 13:59	23301 JEFF_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/15/2023 13:59	63601 LETO_T1	0	0	0	0	0	0	1.23	0.97	1	1	0	900	900	0
10/15/2023 14:00	45003 LIME_2	1	1	0	3.8	4.3	0.5	0	0	1	1	0	1200	1200	0
10/15/2023 14:05	59101 WALK_T2	1	1	0	0	0	0	1.31	1.21	0	0	0	0	0	0
10/15/2023 14:06	65001 NEFF_T2	0	0	0	0	0	0	1.21	1.26	1	1	0	1200	1200	0
10/15/2023 14:07	56802 BENV_T2	28	51	23	0.16	0.18	0.02	-2.86	-2.72	0	0	0	0	0	0
10/15/2023 14:07	26603 BROO_T1	0	0	0	0	0	0	0.26	0.25

10/15/2023 14:24	55101 WERT_T1	0	0	0	0	0	0	-1.61	-1.67	1	1	0	900	900	0
10/15/2023 14:24	56803 BENV_T1	2	3	1	0.25	0.47	0.22	0	0	0	0	0	0	0	0
10/15/2023 14:25	65001 NEFF_T2	0	0	0	0	0	0	-1.26	-1.17	1	1	0	1200	1200	0
10/15/2023 14:25	15001 BLMO_T1	0	2	2	0	0.25	0.25	0	0	0	0	0	0	0	0
10/15/2023 14:25	56803 BENV_T1	2	3	1	0.25	0.47	0.22	0	0	0	0	0	0	0	0
10/15/2023 14:25	41801 GOCI_T2	0	57	57	0	0.21	0.21	0	0	0	0	0	0	0	0
10/15/2023 14:26	15001 BLMO_T1	0	2	2	0	0.25	0.25	0	0	0	0	0	0	0	0
10/15/2023 14:26	56801 BENV_T1	29	38	9	0.72	0.82	0.1	-1.64	-1.6	2	2	0	1200	1200	0
10/15/2023 14:26	60803 BUCK_T1	6	5	-1	0.15	0.18	0.03	0	0	0	0	0	0	0	0
10/15/2023 14:26	52402 GRPA_T2	4	6	2	1.05	0.77	-0.28	0	0	0	0	0	0	0	0
10/15/2023 14:26	53903 HAU_T2	2	2	0	0.8	0.8	0	-0.08	-0.12	0	0	0	0	0	0
10/15/2023 14:26	56802 BENV_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/15/2023 14:27	56803 BENV_T1	2	3	1	0.25	0.47	0.22	0	0	0	0	0	0	0	0
10/15/2023 14:27	65604 QVIL_T2	0	0	0	0	0	0	0.28	0.27	0	0	0	0	0	0
10/15/2023 14:28	56803 BENV_T1	2	3	1	0.25	0.47	0.22	0	0	0	0	0	0	0	0
10/15/2023 14:28	52402 GRPA_T2	4	6	2	1.05	0.77	-0.28	0	0	0	0	0	0	0	0
10/15/2023 14:28	45003 LIME_2	1	1	0	4.1	4.3	0.2	0	0	1	1	0	1200	1200	0
10/15/2023 14:29	45001 LIME_2	22	17	-5	0.24	0.2	-0.04	0	0	0	0	0	0	0	0
10/15/2023 14:29	41801 GOCI_T2	0	57	57	0	0.21	0.21	0	0	0	0	0	0	0	0
10/15/2023 14:29	65604 QVIL_T2	0	0	0	0	0	0	0.27	0.25	0	0	0	0	0	0
10/15/2023 14:31	43202 MVIL_T2	63	47	-16	0.57	0.25	-0.32	-0.7	-0.7	0	0	0	0	0	0
10/15/2023 14:32	43202 MVIL_T2	63	47	-16	0.57	0.25	-0.32	-0.7	-0.7	0	0	0	0	0	0
10/15/2023 14:32	54701 NEBL_T1	0	0	0	0	0	0	0	0	1	1	0	600	600	0
10/15/2023 14:33	44901 SCOT_T2	154	122	-32	0.53	0.38	-0.15	-0.12	-0.34	0	0	0	0	0	0
10/15/2023 14:33	16402 MOPO_T1	0	0	0	0	0	0	0.55	0.54	0	0	0	0	0	0
10/15/2023 14:34	66703 STRA_T1	0	0	0	0	0	0	-0.31	-0.3	0	0	0	0	0	0
10/15/2023 14:34	66505 SMAN_T2	0	0	0	0	0	0	-0.01	-0.1	2	2	0	1100	1100	0
10/15/2023 14:36	44901 SCOT_T2	154	122	-32	0.53	0.38	-0.15	-0.12	-0.34	0	0	0	0	0	0
10/15/2023 14:36	65001 NEFF_T2	0	0	0	0	0	0	-1.17	-1.25	1	1	0	1200	1200	0
10/15/2023 14:36	66504 SMAN_T2	0	0	0	0	0	0	-0.62	-0.57	0	0	0	0	0	0
10/15/2023 14:37	56803 BENV_T1	3	2	-1	0.47	0.5	0.03	0	0	0	0	0	0	0	0
10/15/2023 14:37	60803 BUCK_T1	3	4	1	0.2	0.18	-0.02	-1.06	-1.03	1	1	0	600	600	0
10/15/2023 14:37	66504 SMAN_T2	0	0	0	0	0	0	-0.62	-0.57	0	0	0	0	0	0
10/15/2023 14:37	20403 ASHF_T2	4	0	-4	0.3	0	-0.3	0.08	0.08	0	0	0	0	0	0
10/15/2023 14:38	60803 BUCK_T1	3	4	1	0.2	0.18	-0.02	-1.06	-1.03	1	1	0	600	600	0
10/15/2023 14:38	20401 ASHF_T2	3	3	0	0.17	0.2	0.03	0	0	0	0	0	0	0	0
10/15/2023 14:38	56803 BENV_T1	3	2	-1	0.47	0.5	0.03	0	0	0	0	0	0	0	0
10/15/2023 14:38	26603 BROO_T1	0	0	0	0	0	0	0.23	0.24	0	0	0	0	0	0
10/15/2023 14:38	67502 WEWI_T2	91	125	34	0.21	0.21	0	-1.49	-1.51	1	1	0	900	900	0
10/15/2023 14:38	60801 BUCK_T1	0	16	16	0	0.21	0.21	-0.18	-0.17	0	0	0	0	0	0
10/15/2023 14:39	56803 BENV_T1	3	2	-1	0.47	0.5	0.03	0	0	0	0	0	0	0	0
10/15/2023 14:40	56801 BENV_T1	35	37	2	0.75	0.84	0.09	-4.8	-4.8	6	6	0	3600	3600	0
10/15/2023 14:41	41801 GOCI_T2	57	0	-57	0.21	0	-0.21	0	0	0	0	0	0	0	0
10/15/2023 14:41	52403 GRPA_T2	1	5	4	0.2	0.68	0.48	-0.12	-0.08	0	0	0	0	0	0
10/15/2023 14:42	65604 QVIL_T2	0	0	0	0	0	0	0.27	0.25	0	0	0	0	0	0
10/15/2023 14:42	60801 BUCK_T1	0	16	16	0	0.21	0.21	-0.18	-0.17	0	0	0	0	0	0
10/15/2023 14:44	65601 QVIL_T2	2	2	0	0.3	0.5	0.2	0	0	0	0	0	0	0	0
10/15/2023 14:44	41801 GOCI_T2	57	0	-57	0.21	0	-0.21	0	0	0	0	0	0	0	0
10/15/2023 14:44	52402 GRPA_T2	4	6	2	0.93	0.95	0.02	0	0	0	0	0	0	0	0
10/15/2023 14:44	26401 INOR_T1	0	1	1	0	0.1	0.1	0	0	0	0	0	0	0	0
10/15/2023 14:46	42001 MNVL_T2	0	1	1	0	0.2	0.2	0	0	0	0	0	0	0	0
10/15/2023 14:46	63404 HONY_T1	133	113	-20	0.53	0.48	-0.05	0	0	0	0	0	0	0	0
10/15/2023 14:46	53903 HAU_T2	2	3	1	0.8	0.53	-0.27	-0.12	-0.12	0	0	0	0	0	0
10/15/2023 14:46	63601 LETO_T1	3	2	-1	0.13	0.1	-0.03	1.08	1.18	1	1	0	900	900	0
10/15/2023 14:46	43201 MVIL_T2	0	1	1	0	0.4	0.4	0	0	0	0	0	0	0	0
10/15/2023 14:47	43201 MVIL_T2	0	1	1	0	0.4	0.4	0	0	0	0	0	0	0	0
10/15/2023 14:47	65001 NEFF_T2	0	0	0	0	0	0	-1.25	-1.22	1	1	0	1200	1200	0
10/15/2023 14:47	64101 REFR_T1	0	0	0	0	0	0	0.03	0.03	0	0	0	0	0	0
10/15/2023 14:48	13503 MCMI_T2	0	0	0	0	0	0	-0.01	-0.01	0	0	0	0	0	0
10/15/2023 14:48	64101 REFR_T1	0	0	0	0	0	0	0.03	0.03	0	0	0	0	0	0
10/15/2023 14:48	63203 MGTN_T1	0	0	0	0	0	0	-0.22	-0.24	1	1	0	600	600	0
10/15/2023 14:48	54701 NEBL_T1	0	0	0	0	0	0	0	0	1	1	0	600	600	0
10/15/2023 14:49	59402 RFLD_T2	1	2	1	0.1	0.1	0	-0.33	-0.3	0	0	0	0	0	0
10/15/2023 14:49	64101 REFR_T1	0	0	0	0	0	0	0.05	0.05	0	0	0	0	0	0
10/15/2023 14:50	53903 HAU_T2	2	3	1	0.8	0.53	-0.27	-0.12	-0.12	0	0	0	0	0	0
10/15/2023 14:50	67401 WAKE_T2	0	0	0	0	0	0	-0.9	-0.91	0	0	0	0	0	0
10/15/2023 14:50	59402 RFLD_T2	1	2	1	0.1	0.1	0	-0.33	-0.3	0	0	0	0	0	0
10/15/2023 14:50	66505 SMAN_T2	0	0	0	0	0	0	-0.1	-0.09	2	2	0	1100	1100	0
10/15/2023 14:50	41901 REED_T1	2	3	1	0.2	0.3	0.1	-2.16	-2.13	1	1	0	900	900	0
10/15/2023 14:50	44904 SCOT_T1	0	0	0	0	0	0	-0.17	-0.17	0	0	0	0	0	0
10/15/2023 14:50	67605 WARW_T1	14	11	-3	0.38	0.28	-0.1	-1.27	-1.26	0	0	0	0	0	0
10/15/2023 14:51	67203 TEHI_T1	1	1	0	0	0	0	0.86	0.85	1	1	0	900	900	0
10/15/2023 14:51	64101 REFR_T1	0	0	0	0	0	0	0.03	0.03	0	0	0	0	0	0
10/15/2023 14:51	20601 GRWO_T2	0	0	0	0	0	0	0.64	0.72	0	0	0	0	0	0
10/15/2023 14:51	59402 RFLD_T2	1	2	1	0.1	0.1	0	-0.33	-0.3	0	0	0	0	0	0
10/15/2023 14:52	64801 MONE_T2	0	1	1	0	0.2	0.2	0	0	0	0	0	0	0	0
10/15/2023 14:52	66504 SMAN_T2	0	0	0	0	0	0	-0.57	-0.62	0	0	0	0	0	0
10/15/2023 14:52	64101 REFR_T1	0	0	0	0	0	0	0.03	0.03	0	0	0	0	0	0
10/15/2023 14:52	59402 RFLD_T2	1	2	1	0.1	0.1	0	-0.33	-0.3	0	0	0	0	0	0
10/15/2023 14:52	15001 BLMO_T1	2	2	0	0.25	0.2	-0.05	0	0	0	0	0	0	0	0
10/15/2023 14:53	59101 WALK_T2	1	1	0	0	0	0	1.34	1.33	0	0	0	0	0	0
10/15/2023 14:54	59101 WALK_T2	1	1	0	0	0	0	1.34	1.33	0	0	0	0	0	0
10/15/2023 14:56	64101 REFR_T1	0	0	0	0	0	0	0.03	0.03	0	0	0	0	0	0
10/15/2023 14:56	15001 BLMO_T1	2	2	0	0.25	0.2	-0.05	0	0	0	0	0	0	0	0
10/15/2023 14:57	63804 HEMP_T1	1	1	0	5.4	5.3	-0.1	0	0	0	0	0	0	0	0
10/15/2023 14:57	15001 BLMO_T1	2	2	0	0.25	0.2	-0.05	0	0	0	0	0	0	0	0
10/15/2023 14:59	40101 HUNT_T2	0	1	1	0	0.2	0.2	-0.73	-0.75	0	0	0	0	0	0
10/15/2023 14:59	23401 HONE_T2	3	3	0	0.83	0.6	-0.23	-0.07	-0.03	0	0	0	0	0	0
10/15/2023 15:00	45003 LIME_2	1	1	0	4.3	4.2	-0.1	0	0	2	2	0	2400	2400	0
10/15/2023 15:00	23401 HONE_T2	2	2	0	0.8	0.6	-0.2	-0.07	-0.03	0	0	0	0	0	0
10/15/2023 15:03	45001 LIME_2	26	29	3	0.28	0.35	0.07	0	0	0	0	0	0	0	0
10/15/2023 15:04	56501 ROCK_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/15/2023 15:05	67605 WARW_T1	11	8	-3	0.28	0.39	0.11	-1.26	-1.3	0	0	0	0	0	0
10/15/2023 15:07	56803 BENV_T1	1	0	-1	0.5	0	-0.5	0	0	0	0	0	0	0	0
10/15/2023 15:08	56802 BENV_T2	4	4	0	0.33	0.38	0.05	-1.33	-1.35	0	0	0	0	0	0
10/15/2023 15:08	56803 BENV_T1	1	0	-1	0.5	0	-0.5	0	0	0	0	0	0	0	0
10/15/2023 15:09	56802 BENV_T2	4	4	0	0.33	0.38	0.05	-1.33	-1.35	0	0	0	0	0	0
10/15/2023 15:09	46203 DANV_T2	0	3	3	0	0.43	0.43	-0.3	-0.26	0	0	0	0	0	0
10/15/2023 15:10	56802 BENV_T2	4	4	0	0.33	0.38	0.05	-2.66	-2.7	0	0	0	0	0	0
10/15/2023 15:10	56803 BENV_T1	1	0	-1	0.5	0	-0.5	0	0	0	0	0	0	0	0
10/15/2023 15:11	56802 BENV_T2	4	4	0	0.33	0.38	0.05	-1.33	-1.35	0	0	0	0	0	0
10/15/2023 15:11	56801 BENV_T1	35	33	-2	0.79	0.8	0.01	-0.79	-0.85	1	1	0	600	600	0
10/15/2023 15:12	56802 BENV_T2	4	4	0	0.33	0.38	0.05	-1.33	-1.35	0	0	0	0	0	0
10/15/2023 15:15	46801 HEPB_T2	2	2	0	0.55	0.55	0	0.58	0.57	0	0	0	0	0	0
10/15/2023 15:15	16402 MOPO_T1	0	0	0	0	0	0	0.56	0.54	0	0	0	0	0	0
10/15/2023 15:21	14402 SSLA_T1	0	3	3	0	0.47	0.47	0	0	0	0	0	0	0	0
10/15/2023 15:24	15001 BLMO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/15/2023 15:24	56802 BENV_T2	4	2	-2	0.38	0.6	0.22	-2.7	-2.74	0	0	0	0	0	0
10/15/2023 15:26	44802 EDAN_T2	0	0	0	0	0	0	-2.22	-2.22	1	1	0	1200	1200	0
10/15/2023 15:26	20403 ASHF_T2	6	13	7	0.25	0.28	0.03	0.18	0.09	0	0	0	0	0	0
10/15/2023 15:26	56802 BENV_T2	4	2	-2	0.38	0.6	0.22	-5.4	-5.48	0	0	0	0	0	0
10/15/2023 15:27	44802 EDAN_T2	0	0	0	0	0	0	-2.22	-2.22	1	1	0	1200	1200	0
10/15/2023 15:28	56802 BENV_T2	4	2	-2	0.38	0.6	0.22	-1.35	-1.37	0	0	0	0	0	0
10/15/2023 15:28	44802 EDAN_T2	0	0	0	0	0	0	-2.22	-2.22	1	1	0	1200	1200	0
10/15/2023 15:31	52402 GRPA_T2	5	4	-1	0.88	1.1	0.22	0	0	0	0	0	0	0	0
10/15/2023 15:35	14403 SSLA_T1	1	0	-1	0.2	0	-0.2	0.69	0.9	0	0	0	0	0	0
10/15/2023 15:36	14402 SSLA_T1	3	0	-3	0.47	0	-0.47	0	0	0	0	0	0	0	0
10/15/2023 15:36	64101 REFR_T1	1	1	0	0.3	1.1	0.8	0.06	0.04	0	0	0	0	0	0
10/15/2023 15:40	45901 AUBU_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/15/2023 15:50	52403 GRPA_T2	0	0	0	0	0	0	-0.07	-0.09	0	0	0	0	0	0
10/15/2023 15:52	64101 REFR_T1	0	1	1	0	1.1	1.1	0.04	0.08	0	0	0	0	0	0
10/15/2023 16:00	26401 INOR_T1	1	13	12	0.1	0.11	0.01	0.23	0.22	0	0	0	0	0	0
10/15/2023 16:00	52402 GRPA_T2	4	4	0	0.83	1.03	0.2	0	0	0	0	0	0	0	0
10/15/2023 16:02	56501 ROCK_T2	8	3	-5	0.53	0.3	-0.23	-0.43	-0.43	0	0	0	0	0	0
10/15/2023 16:03	56503 ROCK_T2	1	0	-1	0.1	0	-0.1	0	0	0	0	0	0	0	0
10/15/2023 16:06	42201 SHEN_T2	0	0	0	0	0	0	0.41	0.45	0	0	0	0	0	0
10/15/2023 16:07	43301 WATS_T2	1	1	0	0.4	0.2	-0.2	0	0	0	0	0	0	0	0
10/15/2023 16:07	56503 ROCK_T2	1	0	-1	0.1	0	-0.1	0	0	0	0	0	0	0	0
10/15/2023 16:09	14403 SSLA_T1	0	0	0	0	0	0	0.73	0.7	0	0	0	0	0	0
10/15/2023 16:09	15001 BLMO_T1	0	1	1	0	0.2	0.2	0	0	0	0	0	0	0	0
10/15/2023 16:14	23401 HONE_T2	1	1	0	0.4	0.5	0.1	-0.06	-0.06	0	0	0	0	0	0
10/15/2023 16:14	25402 LAHA_T2	0	0	0	0	0	0	-0.77	-0.61	0	0	0	0	0	0
10/15/2023 16:16	47401 PENS_T1	2	2	0	0	0	0	0.7	0.67	0	0	0	0	0	0
10/15/2023 16:17	47403 PENS_T1	1	1	0	2.6	2.5	-0.1	0	0	0	0	0	0	0	0
10/15/2023 16:18	64101 REFR_T1	1	0	-1	1	0	-1	0	0	0	0	0	0	0	0
10/15/2023 16:19	47403 PENS_T1	1	1	0	2.6	2.5	-0.1	0	0	0	0	0	0	0	0
10/15/2023 16:28	66703 STRA_T1	0	0	0	0	0	0	-0.34	-0.31	0	0	0	0	0	0
10/15/2023 17:16	40101 HUNT_T2	0	0	0	0	0	0	-0.68	-0.7	0	0	0	0	0	0
10/15/2023 17:20	65001 NEFF_T2	0	0	0	0	0	0	-1.31	-1.22	1	1	0	1200	1200	0
10/15/2023 17:54	59101 WALK_T2	0	0	0	0	0	0	0.79	0.77	0	0	0	0	0	0
10/15/2023 17:59	52403 GRPA_T2	3	2	-1	1.53	0.7	-0.83	0	-0.01	0	0	0	0	0	0
10/15/2023 18:15	65001 NEFF_T2	0	0	0	0	0	0	-1.23	-1.26	1	1	0	1200	1200	0
10/15/2023 18:40	65001 NEFF_T2	0	0	0	0	0	0	-1.26	-1.24	1	1	0	1200	1200	0
10/15/2023 19:21	51004 NHAR_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/15/2023 19:24	46301 ROHR_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/15/2023 19:24	23301 JEFF_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/15/2023 19:24	46003 BERW_T2	1	1	0	1.7	1.5	-0.2	0	0	0	0	0	0	0	0
10/15/2023 19:24	13704 SCHN_T2	0	0	0	0	0	0	-0.37	-0.37	0	0	0	0	0	0
10/15/2023 19:27	26401 INOR_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/15/2023 19:28	22901 HARW_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/15/2023 19:29	60801 BUCK_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/15/2023 19:30	42503 ALTA_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/15/2023 19:31	46203 DANV_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/15/2023 19:31	56501 ROCK_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/15/2023 19:31	42601 TUSC_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/15/2023 19:31	40602 PIGR_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/15/2023 19:31	67502 WEWI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/15/2023 19:32	56802 BENV_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/15/2023 19:33	61303 EARL_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/15/2023 19:33	46302 ROHR_T1	4	4	0	1.4	1.58	0.18	0	0	0	0	0	0	0	0
10/15/2023 19:33	56802 BENV_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/15/2023 19:34	52501 PROG_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/15/2023 19:34	64101 REFR_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/15/2023 19:35	45902 AUBU_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/15/2023 19:36	44201 POIN_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/15/2023 19:37	56802 BENV_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/15/2023 19:37	43304 WATS_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/15/2023 19:38	46203 DANV_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/15/2023 19:38	40602 PIGR_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/15/2023 19:39	67401 WAKE_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/15/2023 19:39	54701 NEBL_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/15/2023 19:39	45402 WBLO_T2	1	0	-1	0.4	0	-0.4	0	0	0	0	0	0	0	0
10/15/2023 19:40	61303 EARL_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/15/2023 19:40	60801 BUCK_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/15/2023 19:41	56802 BENV_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/15/2023 19:42	59402 RFLD_T2	0	0	0	0	0	0	-0.32	-0.34	0	0	0	0	0	0
10/15/2023 19:42	53903 HAU_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/15/2023 19:44	60902 DONG_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/15/2023 20:04	65001 NEFF_T2	0	0	0	0	0	0	-1.34	-1.33	1	1	0	1200	1200	0
10/15/2023 20:17	28805 LAKE_T1	0

10/15/2023 20:29	29401 BELT_T1	0	0	0	0	0	0	0	0	1	1	0	900	900	0
10/15/2023 20:29	67502 WEWI_T2	0	0	0	0	0	0	-3	-2.86	2	2	0	1800	1800	0
10/15/2023 20:29	56801 BENV_T1	11	21	10	0.84	1.36	0.52	-0.76	-0.75	1	1	0	600	600	0
10/15/2023 20:30	41902 REED_T1	0	0	0	0	0	0	0.84	0.82	0	0	0	0	0	0
10/15/2023 20:30	65001 NEFF_T2	0	0	0	0	0	0	-1.31	-1.34	1	1	0	1200	1200	0
10/15/2023 20:30	56801 BENV_T1	17	21	4	0.97	1.47	0.5	-0.76	-0.75	1	1	0	600	600	0
10/15/2023 20:30	20403 ASHF_T2	0	0	0	0	0	0	0.18	0.17	0	0	0	0	0	0
10/15/2023 20:30	46203 DANV_T2	0	0	0	0	0	0	-0.07	-0.07	0	0	0	0	0	0
10/15/2023 20:30	23401 HONE_T2	0	1	1	0	0.2	0.2	-0.06	-0.07	0	0	0	0	0	0
10/15/2023 20:30	46801 HEPB_T2	2	2	0	0.15	0.3	0.15	0.56	0.56	0	0	0	0	0	0
10/15/2023 20:30	26603 BROO_T1	0	0	0	0	0	0	0.26	0.23	0	0	0	0	0	0
10/15/2023 20:30	59302 MCAL_T1	1	1	0	1.6	2	0.4	0	0	0	0	0	0	0	0
10/15/2023 20:31	47403 PENS_T1	1	1	0	2.2	2.4	0.2	0	0	0	0	0	0	0	0
10/15/2023 20:31	56802 BENV_T2	1	1	0	0.4	0.8	0.4	-2.82	-2.96	0	0	0	0	0	0
10/15/2023 20:31	23401 HONE_T2	0	1	1	0	0.2	0.2	-0.06	-0.07	0	0	0	0	0	0
10/15/2023 20:31	59402 RFLD_T2	0	0	0	0	0	0	-0.34	-0.36	0	0	0	0	0	0
10/15/2023 20:31	55101 WERT_T1	0	0	0	0	0	0	-1.7	-1.67	1	1	0	900	900	0
10/15/2023 20:31	46301 ROHR_T1	0	0	0	0	0	0	0.21	0.2	0	0	0	0	0	0
10/15/2023 20:31	61303 EARL_T1	0	0	0	0	0	0	-0.07	-0.1	0	0	0	0	0	0
10/15/2023 20:31	49803 UNIV_T1	0	0	0	0	0	0	-1.24	-1.28	0	0	0	0	0	0
10/15/2023 20:31	56801 BENV_T1	17	21	4	0.97	1.47	0.5	-0.76	-0.75	1	1	0	600	600	0
10/15/2023 20:32	63601 LETO_T1	7	7	7	0	0.36	0.36	0.67	0.52	1	1	0	900	900	0
10/15/2023 20:32	58402 MORO_T1	0	0	0	0	0	0	-0.61	-0.63	1	1	0	600	600	0
10/15/2023 20:32	42002 MNVL_T2	1	1	0	2.8	2.5	-0.3	0	0	0	0	0	0	0	0
10/15/2023 20:32	56801 BENV_T1	17	21	4	0.97	1.47	0.5	-0.76	-0.75	1	1	0	600	600	0
10/15/2023 20:32	45402 WBLO_T2	1	1	0	0.3	0.6	0.3	-0.78	-0.77	0	0	0	0	0	0
10/15/2023 20:33	66505 SMAN_T2	3	3	0	0.27	0.73	0.46	-0.47	-0.42	2	2	0	1100	1100	0
10/15/2023 20:33	65001 NEFF_T2	0	0	0	0	0	0	-1.31	-1.34	1	1	0	1200	1200	0
10/15/2023 20:33	63404 HONY_T1	131	160	29	0.48	0.46	-0.02	0	0	0	0	0	0	0	0
10/15/2023 20:33	43301 WATS_T2	0	0	0	0	0	0	0.37	0.36	0	0	0	0	0	0
10/15/2023 20:33	40101 HUNT_T2	0	0	0	0	0	0	-0.72	-0.73	0	0	0	0	0	0
10/15/2023 20:34	20403 ASHF_T2	0	0	0	0	0	0	0.18	0.17	0	0	0	0	0	0
10/15/2023 20:34	56801 BENV_T1	17	21	4	0.97	1.47	0.5	-0.76	-0.75	1	1	0	600	600	0
10/15/2023 20:34	67503 WEWI_T2	0	0	0	0	0	0	-0.32	-0.31	0	0	0	0	0	0
10/15/2023 20:34	66505 SMAN_T2	3	3	0	0.27	0.73	0.46	0	0	0	0	0	0	0	0
10/15/2023 20:34	52401 GRPA_T2	0	0	0	0	0	0	-0.44	-0.46	0	0	0	0	0	0
10/15/2023 20:34	64101 REFR_T1	0	0	0	0	0	0	-0.14	-0.14	0	0	0	0	0	0
10/15/2023 20:34	56802 BENV_T2	1	1	0	0.4	0.8	0.4	-2.82	-2.96	0	0	0	0	0	0
10/15/2023 20:34	43202 MVIL_T2	0	4	4	0	0.13	0.13	-1.36	-1.38	0	0	0	0	0	0
10/15/2023 20:34	14802 TREI_T2	0	0	0	0	0	0	0.34	0.34	0	0	0	0	0	0
10/15/2023 20:34	56501 ROCK_T2	1	2	1	0.4	0.2	-0.2	-0.44	-0.43	0	0	0	0	0	0
10/15/2023 20:34	59402 RFLD_T2	0	0	0	0	0	0	-0.34	-0.36	0	0	0	0	0	0
10/15/2023 20:34	64801 MONE_T2	0	0	0	0	0	0	0.32	0.32	0	0	0	0	0	0
10/15/2023 20:34	60801 BUCK_T1	0	0	0	0	0	0	-0.18	-0.19	0	0	0	0	0	0
10/15/2023 20:35	17803 GILB_T2	0	2	2	0	0.15	0.15	0	0	0	0	0	0	0	0
10/15/2023 20:35	67502 WEWI_T2	0	26	26	0	0.15	0.15	0	0	0	0	0	0	0	0
10/15/2023 20:35	14403 SSLA_T1	0	0	0	0	0	0	0.78	0.77	0	0	0	0	0	0
10/15/2023 20:35	42002 MNVL_T2	1	1	0	2.8	2.5	-0.3	-0.8	-0.8	0	0	0	0	0	0
10/15/2023 20:35	56802 BENV_T2	1	1	0	0.4	0.8	0.4	-4.23	-4.44	0	0	0	0	0	0
10/15/2023 20:35	45702 LIND_T2	1	1	0	0.1	0.3	0.2	-0.58	-0.54	0	0	0	0	0	0
10/15/2023 20:35	56801 BENV_T1	17	21	4	0.97	1.47	0.5	-0.76	-0.75	1	1	0	600	600	0
10/15/2023 20:35	56501 ROCK_T2	1	2	1	0.4	0.2	-0.2	-0.88	-0.86	0	0	0	0	0	0
10/15/2023 20:36	14403 SSLA_T1	0	0	0	0	0	0	0.78	0.77	0	0	0	0	0	0
10/15/2023 20:36	45003 LIME_2	1	1	0	3.3	3.8	0.5	0	0	2	2	0	2400	2400	0
10/15/2023 20:36	67605 WARW_T1	0	2	2	0	0.1	0.1	-1.23	-1.25	0	0	0	0	0	0
10/15/2023 20:36	41801 GOCI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/15/2023 20:36	43001 ALWD_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/15/2023 20:36	12701 MACU_T1	0	0	0	0	0	0	0.06	0.04	0	0	0	0	0	0
10/15/2023 20:36	60502 NMAN_T2	0	0	0	0	0	0	-0.43	-0.51	0	0	0	0	0	0
10/15/2023 20:36	56802 BENV_T2	1	1	0	0.4	0.8	0.4	-1.41	-1.48	0	0	0	0	0	0
10/15/2023 20:36	56501 ROCK_T2	1	2	1	0.4	0.2	-0.2	-0.44	-0.43	0	0	0	0	0	0
10/15/2023 20:36	67401 WAKE_T2	0	0	0	0	0	0	-0.9	-0.87	0	0	0	0	0	0
10/15/2023 20:36	61801 EELI_T2	2	2	0	0.85	1.15	0.3	-1.05	-1.06	1	1	0	600	600	0
10/15/2023 20:36	56801 BENV_T1	17	21	4	0.97	1.47	0.5	-2.28	-2.25	3	3	0	1800	1800	0
10/15/2023 20:37	41901 REED_T1	0	0	0	0	0	0	-1.77	-1.7	1	1	0	900	900	0
10/15/2023 20:37	56802 BENV_T2	1	1	0	0.4	0.8	0.4	-1.41	-1.48	0	0	0	0	0	0
10/15/2023 20:37	56801 BENV_T1	17	21	4	0.97	1.47	0.5	-1.52	-1.5	2	2	0	1200	1200	0
10/15/2023 20:37	64101 REFR_T1	0	0	0	0	0	0	-0.14	-0.14	0	0	0	0	0	0
10/15/2023 20:38	63801 HEMP_T1	0	56	56	0	0.13	0.13	0	0	0	0	0	0	0	0
10/15/2023 20:38	66505 SMAN_T2	3	3	0	0.27	0.73	0.46	0	0	0	0	0	0	0	0
10/15/2023 20:38	67203 TEHI_T1	1	1	0	0	0	0	0.88	0.87	1	1	0	900	900	0
10/15/2023 20:38	56802 BENV_T2	1	1	0	0.4	0.8	0.4	-1.41	-1.48	0	0	0	0	0	0
10/15/2023 20:39	56801 BENV_T1	17	21	4	0.97	1.47	0.5	-1.52	-1.5	2	2	0	1200	1200	0
10/15/2023 20:39	64101 REFR_T1	0	0	0	0	0	0	-0.14	-0.14	0	0	0	0	0	0
10/15/2023 20:39	54701 NEBL_T1	0	0	0	0	0	0	0	0	1	1	0	600	600	0
10/15/2023 20:39	64802 MONE_T2	0	0	0	0	0	0	0.24	0.22	0	0	0	0	0	0
10/15/2023 20:40	41902 REED_T1	0	0	0	0	0	0	1.68	1.64	0	0	0	0	0	0
10/15/2023 20:40	56501 ROCK_T2	1	2	1	0.4	0.2	-0.2	-0.44	-0.43	0	0	0	0	0	0
10/15/2023 20:40	43304 WATS_T2	0	0	0	0	0	0	-0.64	-0.62	0	0	0	0	0	0
10/15/2023 20:40	52403 GRPA_T2	0	1	1	0	0	0	-0.18	-0.16	0	0	0	0	0	0
10/15/2023 20:40	56801 BENV_T1	17	21	4	0.97	1.47	0.5	-0.76	-0.75	1	1	0	600	600	0
10/15/2023 20:40	64101 REFR_T1	0	0	0	0	0	0	-0.29	-0.29	0	0	0	0	0	0
10/15/2023 20:40	49803 UNIV_T1	0	0	0	0	0	0	-1.24	-1.28	0	0	0	0	0	0
10/15/2023 20:40	58402 MORO_T1	0	0	0	0	0	0	-1.22	-1.26	2	2	0	1200	1200	0
10/15/2023 20:40	66703 STRA_T1	0	0	0	0	0	0	-0.42	-0.43	0	0	0	0	0	0
10/15/2023 20:41	44801 EDAN_T2	1	1	0	0.2	0.2	0	0	0	0	0	0	0	0	0
10/15/2023 20:41	40101 HUNT_T2	0	0	0	0	0	0	-0.72	-0.73	0	0	0	0	0	0
10/15/2023 20:41	46302 ROHR_T1	2	4	2	2.7	1.8	-0.9	0.18	0.17	0	0	0	0	0	0
10/15/2023 20:41	56801 BENV_T1	17	21	4	0.97	1.47	0.5	-1.52	-1.5	2	2	0	1200	1200	0
10/15/2023 20:42	56801 BENV_T1	17	21	4	0.97	1.47	0.5	-0.76	-0.75	1	1	0	600	600	0
10/15/2023 20:42	40101 HUNT_T2	0	0	0	0	0	0	-0.72	-0.73	0	0	0	0	0	0
10/15/2023 20:43	56801 BENV_T1	17	21	4	0.97	1.47	0.5	-0.76	-0.75	1	1	0	600	600	0
10/15/2023 20:44	45003 LIME_2	1	1	0	3.3	3.8	0.5	0	0	1	1	0	1200	1200	0
10/15/2023 20:48	60803 BUCK_T1	0	0	0	0	0	0	-0.94	-0.93	1	1	0	600	600	0
10/16/2023 0:28	44904 SCOT_T1	0	0	0	0	0	0	0.37	0.33	0	0	0	0	0	0
10/16/2023 0:28	67503 WEWI_T2	0	0	0	0	0	0	-0.37	-0.38	0	0	0	0	0	0
10/16/2023 0:28	65604 QVIL_T2	0	0	0	0	0	0	0.38	0.36	0	0	0	0	0	0
10/16/2023 0:28	17803 GILB_T2	9	8	-1	0.26	0.26	0	0	0	0	0	0	0	0	0
10/16/2023 0:28	64101 REFR_T1	0	0	0	0	0	0	-0.01	-0.01	0	0	0	0	0	0
10/16/2023 0:28	45901 AUBU_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/16/2023 0:28	67503 WEWI_T2	0	0	0	0	0	0	-0.37	-0.38	0	0	0	0	0	0
10/16/2023 0:28	61303 EARL_T1	0	0	0	0	0	0	-0.15	-0.17	0	0	0	0	0	0
10/16/2023 0:28	12701 MACU_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/16/2023 0:28	46302 ROHR_T1	4	4	0	2.43	2.48	0.05	0.14	0.12	0	0	0	0	0	0
10/16/2023 0:28	13704 SCHN_T2	0	0	0	0	0	0	-0.47	-0.46	0	0	0	0	0	0
10/16/2023 0:28	46801 HEPB_T2	2	2	0	0.3	0.3	0	0.45	0.44	0	0	0	0	0	0
10/16/2023 0:28	46801 HEPB_T2	2	2	0	0.3	0.3	0	0.45	0.44	0	0	0	0	0	0
10/16/2023 0:28	47401 PENS_T1	1	1	0	0.1	0.1	0	-0.34	-0.4	0	0	0	0	0	0
10/16/2023 0:28	43001 ALWD_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/16/2023 0:28	59101 WALK_T2	1	1	0	0	0	0	1.15	1.09	0	0	0	0	0	0
10/16/2023 0:28	60305 TWVA_T2	0	0	0	0	0	0	-1.82	-1.84	2	2	0	2400	2400	0
10/16/2023 0:28	59402 RFLD_T2	1	1	0	1	0.9	-0.1	-0.39	-0.39	0	0	0	0	0	0
10/16/2023 0:28	15001 BLMO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/16/2023 0:28	60803 BUCK_T1	0	0	0	0	0	0	-1.14	-1.15	1	1	0	600	600	0
10/16/2023 0:28	56802 BENV_T2	1	1	0	0.2	0.6	0.4	-1.45	-1.49	0	0	0	0	0	0
10/16/2023 0:28	53901 HALI_T2	1	1	0	0.2	0.2	0	0	0	0	0	0	0	0	0
10/16/2023 0:28	10801 CHHI_T1	0	0	0	0	0	0	-1.12	-1.11	1	1	0	900	900	0
10/16/2023 0:28	56801 BENV_T1	21	24	3	0.4	0.54	0.14	-0.87	-0.89	1	1	0	600	600	0
10/16/2023 0:28	42201 SHEN_T2	0	0	0	0	0	0	0.36	0.34	0	0	0	0	0	0
10/16/2023 0:28	44802 EDAN_T2	0	0	0	0	0	0	-2.31	-2.34	1	1	0	1200	1200	0
10/16/2023 0:28	66505 SMAN_T2	0	0	0	0	0	0	-0.47	-0.39	1	1	0	900	900	0
10/16/2023 0:28	25801 SUTR_T2	0	0	0	0	0	0	-0.16	-0.16	0	0	0	0	0	0
10/16/2023 0:28	46203 DANV_T2	0	0	0	0	0	0	-0.22	-0.22	0	0	0	0	0	0
10/16/2023 0:28	14403 SSLA_T1	0	0	0	0	0	0	0.56	0.57	0	0	0	0	0	0
10/16/2023 3:55	65001 NEFF_T2	0	0	0	0	0	0	-1.45	-1.37	1	1	0	1200	1200	0
10/16/2023 7:10	46203 DANV_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/16/2023 7:20	54701 NEBL_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/16/2023 7:46	54701 NEBL_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/16/2023 8:08	46203 DANV_T2	0	0	0	0	0	0	-0.09	-0.1	0	0	0	0	0	0
10/16/2023 8:11	46803 HEPB_T2	1	1	0	0.1	0.1	0	0	0	0	0	0	0	0	0
10/16/2023 8:15	58402 MORO_T1	0	0	0	0	0	0	-2.08	-1.92	3	3	0	2400	2400	0
10/16/2023 8:15	63501 HEID_TBK1-2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/16/2023 8:18	54701 NEBL_T1	0	0	0	0	0	0	0	0	1	1	0	600	600	0
10/16/2023 8:19	58402 MORO_T1	0	0	0	0	0	0	-2.08	-1.92	3	3	0	2400	2400	0
10/16/2023 8:25	54502 ENOL_T2	1	1	0	0.9	0.5	-0.4	-2.06	-2.06	1	1	0	600	600	0
10/16/2023 8:28	56603 HAMP_T1	104	0	-104	0.25	0	-0.25	0	0	0	0	0	0	0	0
10/16/2023 8:36	64101 REFR_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/16/2023 8:37	45902 AUBU_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/16/2023 8:38	45901 AUBU_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/16/2023 8:39	54502 ENOL_T2	1	1	0	0.4	0.7	0.3	-2.06	-2.05	1	1	0	600	600	0
10/16/2023 8:39	43304 WATS_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/16/2023 8:41	53601 DALM_T2	1	1	0	1.1	1.4	0.3	-0.36	-0.41	1	1	0	900	900	0
10/16/2023 8:43	45802 HEGI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/16/2023 8:44	54502 ENOL_T2	1	1	0	0.4	0.7	0.3	-2.05	-2.12	1	1	0	600	600	0
10/16/2023 8:50	54701 NEBL_T1	0	0	0	0	0	0	0	0	1	1	0	600	600	0
10/16/2023 8:56	56802 BENV_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/16/2023 9:11	54505 ENOL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/16/2023 9:11	53501 EVIL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/16/2023 9:15	53501 EVIL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/16/2023 9:16	13503 MCNI_T2	0	0	0	0	0	0	-0.01	-0.01	0	0	0	0	0	0
10/16/2023 9:17	49803 UNIV_T1	0	0	0	0	0	0	-1.2	-1.18	0	0	0	0	0	0
10/16/2023 9:18	56504 ROCK_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/16/2023 9:19	13701 SCHN_T2	5	19	14	0.16	0.14	-0.02	0	0	0	0	0	0	0	0
10/16/2023 9:21	54206 PENN_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/16/2023 9:24	26603 BROO_T1	0	1	1	0	0.2	0.2	0.17	0.13	0	0	0	0	0	0
10/16/2023 9:24	59102 WALK_T2	1	2	1	0.1	0.3	0.2	0	0	0	0	0	0	0	0
10/16/2023 9:29	46801 HEPB_T2	9	3	-6	0.3	0.83	0.53	0	0	0	0	0	0	0	0
10/16/2023 9:32	64101 REFR_T1	0	0	0	0	0	0	-0.16	-0.16	0	0	0	0	0	0
10/16/2023 9:33	64101 REFR_T1	0	0	0	0	0	0	-0.16	-0.16	0	0	0	0	0	0
10/16/2023 9:35	65001 NEFF_T2	0	0	0	0	0	0	-0.4	-0.49	1	1	0	1200	1200	0
10/16/2023 9:35	64101 REFR_T1	0	0	0	0	0	0	-0.16	-0.16	0	0	0	0	0	0
10/16/2023 9:36	43301 WATS_T2	1	1	0	0.4	0.8	0.4	0	0	0	0	0	0	0	0
10/16/2023 9:36	64101 REFR_T1	0	0	0	0	0	0	-0.16	-0.16	0	0	0	0	0	0
10/16/2023 9:36	15001 BLMO_T1	0	3	3	0	0.4	0.4	0	0	0	0	0	0	0	0
10/16/2023 9:37	43301 WATS_T2	1	1	0	0.4	0.8	0.4	0	0	0	0	0	0	0	0
10/16/2023 9:37	29401 BELT_T1	34	31	-3	0.16	0.15	-0.01	0	0	0	0	0	0	0	0
10/16/2023 9:39	45902 AUBU_T1	1	0	-1	0.2	0	-0.2	0	0	1	1	0	600	600	0
10/16/2023 9:39	54502 ENOL_T2	1	1	0	0.5	0.5	0	-2	-1.37	1	0	-1	600	0	-600
10/16/2023 9:40	42201 SHEN_T2	0	0	0	0	0	0	-0.19	-0.31	1	1	0	600	600	0
10/16/2023 9:40	45902 AUBU_T1	1	0	-1	0.2	0	-0.2	0	0	1	1	0	600	600	0
10/16/2023 9:40	10801 CHHI_T1	0	2	2	0	0.1	0.1	-0.74	-0.74	1	1	0	900	900	0
10/16/2023 9:42	54502 ENOL_T2	1	1	0	0.5	0.5	0	-2	-1.37	1	0	-1	600	0	-600
10/16/2023 9:44	45802 HEGI_T2	0	0	0	0	0	0	1.45	1.45	0	0	0	0	0	0
10/16/2023 9:46	52401 GRPA_T2	0	1	1	0	0.2	0.2	0	0	0	0	0	0	0	0
10/16/2023 9:46	43202 MVIL_T2	0	20	20	0	0.15	0.15	-0.58	-0.61	0	0	0	0	0	0
10/16/2023 9:47	43202 MVIL_T2	0	20	20	0	0.15	0.15	-0.58	-0.61	0	0	0	0	0	0
10/16/2023 9:47	52402 GRPA_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/16/2023 9:49	59102 WALK_T2	1	3	2	0.2	0.33	0.13	0	0	0	0	0	0	0	0
10/16/2023 9:49	52402 GRPA_T2	0	0	0	0	0	0	0	0	0	0	0

Appendix C - Grid Benefits Achieved in Each Instance of Active Management

10/16/2023 10:00	26401 INOR_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/16/2023 10:00	23301 JEFF_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/16/2023 10:00	46203 DANV_T2	0	0	0	0	0	0	-0.12	-0.11	0	0	0	0	0	0
10/16/2023 10:02	52501 PROG_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/16/2023 10:03	54001 SDLE_T1	4	6	2	0.45	1.08	0.63	0	0	0	0	0	0	0	0
10/16/2023 10:04	46302 ROHR_T1	4	4	0	1.83	1.98	0.15	0	0	0	0	0	0	0	0
10/16/2023 10:06	13701 SCHN_T2	12	26	14	0.19	0.26	0.07	0	0	0	0	0	0	0	0
10/16/2023 10:06	45902 AUBU_T1	0	1	1	0	0	0	0	0	1	1	0	600	600	0
10/16/2023 10:06	67203 TEHI_T1	0	0	0	0	0	0	1.94	1.97	2	2	0	1500	1500	0
10/16/2023 10:06	54001 SDLE_T1	4	6	2	0.45	1.08	0.63	0	0	0	0	0	0	0	0
10/16/2023 10:07	45901 AUBU_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/16/2023 10:07	67201 TEHI_T1	0	0	0	0	0	0	1.01	1.07	1	1	0	900	900	0
10/16/2023 10:07	67503 WEWI_T2	0	3	3	0	0.13	0.13	-0.39	-0.37	0	0	0	0	0	0
10/16/2023 10:07	15001 BLMO_T1	3	3	0	0.4	0.3	-0.1	0	0	0	0	0	0	0	0
10/16/2023 10:07	20403 ASHF_T2	1	0	-1	0.4	0	-0.4	1.08	1.28	0	0	0	0	0	0
10/16/2023 10:08	45402 WBLO_T2	1	1	0	1.4	1.6	0.2	0	0	0	0	0	0	0	0
10/16/2023 10:08	46203 DANV_T2	0	0	0	0	0	0	-0.12	-0.11	0	0	0	0	0	0
10/16/2023 10:08	54001 SDLE_T1	4	6	2	0.45	1.08	0.63	0	0	0	0	0	0	0	0
10/16/2023 10:08	56802 BENV_T2	1	20	19	0.6	0.24	-0.36	-1.48	-1.3	0	0	0	0	0	0
10/16/2023 10:09	54502 ENOL_T2	1	1	0	0.1	0.5	0.4	-2.8	-2.79	0	0	0	0	0	0
10/16/2023 10:09	20403 ASHF_T2	1	0	-1	0.4	0	-0.4	1.08	1.28	0	0	0	0	0	0
10/16/2023 10:09	56603 HAMP_T1	0	66	66	0	0.21	0.21	0	0	0	0	0	0	0	0
10/16/2023 10:09	56802 BENV_T2	1	20	19	0.6	0.24	-0.36	-0.74	-0.65	0	0	0	0	0	0
10/16/2023 10:09	59101 WALK_T2	1	1	0	0	0	0	2.3	2.41	0	0	0	0	0	0
10/16/2023 10:09	53501 EVIL_T2	1	3	2	0.2	0.23	0.03	0.2	-0.63	1	2	1	600	1500	900
10/16/2023 10:10	54502 ENOL_T2	1	1	0	0.1	0.5	0.4	0	0	0	0	0	0	0	0
10/16/2023 10:10	53501 EVIL_T2	1	3	2	0.2	0.23	0.03	0.39	-1.27	2	4	2	1200	3000	1800
10/16/2023 10:10	56802 BENV_T2	1	20	19	0.6	0.24	-0.36	-0.74	-0.65	0	0	0	0	0	0
10/16/2023 10:11	53903 HALI_T2	2	2	0	0.8	1	0.2	-0.1	-0.1	0	0	0	0	0	0
10/16/2023 10:11	45902 AUBU_T1	0	1	1	0	0	0	0	0	1	1	0	600	600	0
10/16/2023 10:11	46803 HEPB_T2	1	1	0	0.1	0.1	0	0	0	0	0	0	0	0	0
10/16/2023 10:11	56802 BENV_T2	1	20	19	0.6	0.24	-0.36	-1.48	-1.3	0	0	0	0	0	0
10/16/2023 10:12	56603 HAMP_T1	0	66	66	0	0.21	0.21	0	0	0	0	0	0	0	0
10/16/2023 10:12	10801 CHHI_T1	2	6	4	0.1	0.45	0.35	-0.85	-0.91	1	1	0	900	900	0
10/16/2023 10:12	54505 ENOL_T2	1	1	0	0.7	1.1	0.4	0	0	0	0	0	0	0	0
10/16/2023 10:12	23401 HONE_T2	0	0	0	0	0	0	-0.24	-0.26	0	0	0	0	0	0
10/16/2023 10:12	56802 BENV_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/16/2023 10:12	61303 EARL_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/16/2023 10:13	54502 ENOL_T2	1	1	0	0.1	0.5	0.4	-1.4	-1.4	0	0	0	0	0	0
10/16/2023 10:13	40902 JESH_T1	0	0	0	0	0	0	-0.83	-0.82	2	2	0	1200	1200	0
10/16/2023 10:13	17803 GILB_T2	5	10	5	0.22	0.29	0.07	0	0	0	0	0	0	0	0
10/16/2023 10:14	13503 MCMI_T2	0	0	0	0	0	0	-0.01	-0.01	0	0	0	0	0	0
10/16/2023 10:15	49804 UNIV_T1	1	0	-1	0.1	0	-0.1	0	0	0	0	0	0	0	0
10/16/2023 10:15	13503 MCMI_T2	0	0	0	0	0	0	-0.01	-0.01	0	0	0	0	0	0
10/16/2023 10:15	28403 HART_T2	0	0	0	0	0	0	-0.79	-0.8	1	1	0	900	900	0
10/16/2023 10:15	42802 SELI_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/16/2023 10:16	45802 HEGI_T2	0	0	0	0	0	0	1.42	1.45	0	0	0	0	0	0
10/16/2023 10:16	58401 MORO_T1	0	3	3	0	0.2	0.2	0	0	0	0	0	0	0	0
10/16/2023 10:16	46803 HEPB_T2	1	1	0	0.1	0.1	0	0.21	0.25	0	0	0	0	0	0
10/16/2023 10:16	42802 SELI_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/16/2023 10:17	42802 SELI_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/16/2023 10:17	62604 ENGL_T1	0	0	0	0	0	0	-1.5	-1.51	1	1	0	600	600	0
10/16/2023 10:17	54701 NEBL_T1	6	7	1	0.25	0.27	0.02	0	0	1	1	0	600	600	0
10/16/2023 10:18	66504 SMAN_T2	0	0	0	0	0	0	-0.35	-0.32	0	0	0	0	0	0
10/16/2023 10:18	43202 MVIL_T2	19	12	-7	0.15	0	-1.12	-1.16	0	0	0	0	0	0	0
10/16/2023 10:18	16402 MOPO_T1	0	0	0	0	0	0	0.7	0.74	0	0	0	0	0	0
10/16/2023 10:18	62604 ENGL_T1	0	0	0	1	0	0	-1.5	-1.51	1	1	0	600	600	0
10/16/2023 10:18	52502 PROG_T2	1	1	0	0.4	0.5	0.1	-0.72	-0.75	1	1	0	900	900	0
10/16/2023 10:18	42802 SELI_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/16/2023 10:19	54206 PENN_T2	2	2	0	0.35	0.2	-0.15	0.03	0	0	0	0	0	0	0
10/16/2023 10:19	62605 ENGL_T1	2	0	-2	0.1	0	-0.1	0	0	0	0	0	0	0	0
10/16/2023 10:19	58401 MORO_T1	0	3	3	0	0.2	0.2	0	0	0	0	0	0	0	0
10/16/2023 10:19	42802 SELI_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/16/2023 10:19	54701 NEBL_T1	6	7	1	0.25	0.27	0.02	0	0	1	1	0	600	600	0
10/16/2023 10:20	56503 ROCK_T2	2	2	0	0.25	0.15	-0.1	0	0	0	0	0	0	0	0
10/16/2023 10:21	67502 WEWI_T2	11	4	-7	0.24	0.43	0.19	-0.22	-0.13	0	0	0	0	0	0
10/16/2023 10:21	15001 BLMO_T1	3	3	0	0.3	0.17	-0.13	0	0	0	0	0	0	0	0
10/16/2023 10:21	29402 BELT_T1	1	4	3	8.6	2.63	-5.97	0	0	0	0	0	0	0	0
10/16/2023 10:21	66505 SMAN_T2	0	0	0	0	0	0	0.36	0.34	2	2	0	1100	1100	0
10/16/2023 10:22	15001 BLMO_T1	3	3	0	0.3	0.17	-0.13	0	0	0	0	0	0	0	0
10/16/2023 10:22	42701 AUGU_T1	1	1	0	0.3	0.4	0.1	0	0	4	4	0	3600	3600	0
10/16/2023 10:23	67502 WEWI_T2	11	4	-7	0.24	0.43	0.19	-0.22	-0.13	0	0	0	0	0	0
10/16/2023 10:23	67503 WEWI_T2	2	1	-1	0.1	0.2	0.1	-0.37	-0.37	0	0	0	0	0	0
10/16/2023 10:23	29401 BELT_T1	19	46	27	0.13	0.18	0.05	0	0	2	2	0	1800	1800	0
10/16/2023 10:23	28604 BLYT_T2	0	0	0	0	0	0	-1.38	-1.39	0	0	0	0	0	0
10/16/2023 10:23	15001 BLMO_T1	3	3	0	0.3	0.17	-0.13	0	0	0	0	0	0	0	0
10/16/2023 10:24	67502 WEWI_T2	11	4	-7	0.24	0.43	0.19	-0.22	-0.13	0	0	0	0	0	0
10/16/2023 10:24	29402 BELT_T1	1	4	3	8.6	2.63	-5.97	0	0	0	0	0	0	0	0
10/16/2023 10:24	43301 WATS_T2	1	1	0	0.8	0.4	-0.4	0	0	0	0	0	0	0	0
10/16/2023 10:25	53601 DALM_T2	0	1	1	0	0.2	0.2	-0.34	-0.42	1	1	0	900	900	0
10/16/2023 10:25	28604 BLYT_T2	0	0	0	0	0	0	-1.38	-1.39	0	0	0	0	0	0
10/16/2023 10:25	44802 EDAN_T2	0	0	0	0	0	0	-2.23	-2.22	1	1	0	1200	1200	0
10/16/2023 10:26	17803 GILB_T2	10	0	-10	0.29	0	-0.29	0	0	0	0	0	0	0	0
10/16/2023 10:26	29402 BELT_T1	1	4	3	8.6	2.63	-5.97	0	0	0	0	0	0	0	0
10/16/2023 10:26	26603 BROO_T1	0	0	0	0	0	0	0.17	0.17	0	0	0	0	0	0
10/16/2023 10:26	44802 EDAN_T2	0	0	0	0	0	0	-4.46	-4.44	2	2	0	2400	2400	0
10/16/2023 10:26	17802 GILB_T1	2	4	2	0.75	0.5	-0.25	0.09	0.1	0	0	0	0	0	0
10/16/2023 10:28	46801 HEPB_T2	3	7	4	0.6	0.6	0	0.54	0.59	0	0	0	0	0	0
10/16/2023 10:29	65604 QVIL_T2	0	0	0	0	0	0	0.64	0.62	0	0	0	0	0	0
10/16/2023 10:29	61801 EELI_T2	3	2	-1	0.6	1.35	0.75	-0.9	-0.93	1	1	0	600	600	0
10/16/2023 10:29	54505 ENOL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/16/2023 10:30	17805 GILB_T2	3	4	1	0.43	0.3	-0.13	0.02	0	0	0	0	0	0	0
10/16/2023 10:31	39601 LNFD_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/16/2023 10:31	65001 NEFF_T2	0	0	0	0	0	0	-0.4	-0.48	1	1	0	1200	1200	0
10/16/2023 10:33	58302 NOTT_T1	0	0	0	0	0	0	-0.18	-0.23	1	1	0	1200	1200	0
10/16/2023 10:34	43304 WATS_T2	0	0	0	0	0	0	-0.59	-0.57	0	0	0	0	0	0
10/16/2023 10:37	46302 ROHR_T1	2	5	3	3.3	2.1	-1.2	0	0	0	0	0	0	0	0
10/16/2023 10:37	43301 WATS_T2	1	1	0	0.4	0.4	0	0.33	0.33	0	0	0	0	0	0
10/16/2023 10:39	43301 WATS_T2	1	1	0	0.4	0.4	0	0	0	0	0	0	0	0	0
10/16/2023 10:44	52402 GRPA_T2	20	16	-4	0.47	0.59	0.12	0	0	0	0	0	0	0	0
10/16/2023 10:45	52004 LING_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/16/2023 10:45	59301 MCAL_T1	8	10	2	0.59	0.71	0.12	0	0	0	0	0	0	0	0
10/16/2023 10:45	45702 LIND_T2	0	1	1	0	1.1	1.1	-0.36	-0.34	0	0	0	0	0	0
10/16/2023 10:46	52403 GRPA_T2	2	0	-2	0.75	0	-0.75	0.09	0.22	0	0	0	0	0	0
10/16/2023 10:47	52403 GRPA_T2	2	0	-2	0.75	0	-0.75	0.09	0.22	0	0	0	0	0	0
10/16/2023 10:48	52403 GRPA_T2	2	0	-2	0.75	0	-0.75	0.09	0.22	0	0	0	0	0	0
10/16/2023 10:48	46301 ROHR_T1	1	1	0	0.1	0.3	0.2	0	0	0	0	0	0	0	0
10/16/2023 10:49	14802 TRIN_T2	19	20	1	0.24	0.24	0	0	0	0	0	0	0	0	0
10/16/2023 10:49	59102 WALK_T2	0	1	1	0	0.1	0.1	0	0	0	0	0	0	0	0
10/16/2023 10:49	52502 PROG_T2	1	1	0	0.5	0.4	-0.1	-0.71	-0.77	1	1	0	900	900	0
10/16/2023 10:49	52403 GRPA_T2	2	0	-2	0.75	0	-0.75	0.09	0.22	0	0	0	0	0	0
10/16/2023 10:50	46301 ROHR_T1	1	1	0	0.1	0.3	0.2	0	0	0	0	0	0	0	0
10/16/2023 10:54	67502 WEWI_T2	4	3	-1	0.43	0.57	0.14	0	0	0	0	0	0	0	0
10/16/2023 10:55	29402 BELT_T1	4	2	-2	2.63	4.5	1.87	0	0	0	0	0	0	0	0
10/16/2023 10:55	10805 CHHI_T2	1	3	2	7.3	3.65	-3.65	-1.26	-1.23	2	2	0	1800	1800	0
10/16/2023 10:55	15001 BLMO_T1	2	4	2	0.2	0.23	0.03	0	0	0	0	0	0	0	0
10/16/2023 10:57	41801 GOCI_T2	0	1	1	0	0.3	0.3	0	0	0	0	0	0	0	0
10/16/2023 10:59	41801 GOCI_T2	0	1	1	0	0.3	0.3	0	0	0	0	0	0	0	0
10/16/2023 10:59	28403 HART_T2	0	0	0	0	0	0	-0.79	-0.78	1	1	0	900	900	0
10/16/2023 11:00	58401 MORO_T1	2	5	3	0.2	0.36	0.16	-1.01	-1.03	1	1	0	600	600	0
10/16/2023 11:01	58402 MORO_T1	0	1	1	0	0.1	0.1	-1.04	-0.99	2	2	0	1500	1500	0
10/16/2023 11:01	49803 UNIV_T1	0	0	0	0	0	0	-1.24	-1.19	0	0	0	0	0	0
10/16/2023 11:02	58401 MORO_T1	2	5	3	0.2	0.36	0.16	-1.01	-1.03	1	1	0	600	600	0
10/16/2023 11:02	44601 SALE_T2	0	0	0	0	0	0	1.02	0.79	1	1	0	600	600	0
10/16/2023 11:02	46302 ROHR_T1	4	4	0	1.95	2.2	0.25	0	0	0	0	0	0	0	0
10/16/2023 11:03	53903 HALI_T2	2	2	0	0.75	0.8	0.05	-0.08	-0.12	0	0	0	0	0	0
10/16/2023 11:03	46302 ROHR_T1	4	4	0	1.95	2.2	0.25	0	0	0	0	0	0	0	0
10/16/2023 11:04	58401 MORO_T1	2	5	3	0.2	0.36	0.16	-1.01	-1.03	1	1	0	600	600	0
10/16/2023 11:04	62605 ENGL_T1	0	4	4	0	0.1	0.1	0	0	0	0	0	0	0	0
10/16/2023 11:05	52402 GRPA_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/16/2023 11:05	58401 MORO_T1	2	5	3	0.2	0.36	0.16	-1.01	-1.03	1	1	0	600	600	0
10/16/2023 11:05	44601 SALE_T2	0	0	0	0	0	0	1.02	0.79	1	1	0	600	600	0
10/16/2023 11:07	56802 BENV_T2	3	7	4	0.63	0.34	-0.29	-1.4	-1.46	0	0	0	0	0	0
10/16/2023 11:07	67503 WEWI_T2	0	0	0	0	0	0	-0.31	-0.29	0	0	0	0	0	0
10/16/2023 11:07	52402 GRPA_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/16/2023 11:08	56803 BENV_T1	4	3	-1	0.5	0.37	-0.13	0	0	0	0	0	0	0	0
10/16/2023 11:08	42201 SHEN_T2	0	0	0	0	0	0	-0.25	-0.27	1	1	0	600	600	0
10/16/2023 11:08	10805 CHHI_T2	2	2	0	3.7	7	3.3	-1.23	-1.22	2	2	0	1800	1800	0
10/16/2023 11:09	56802 BENV_T2	3	7	4	0.63	0.34	-0.29	-0.7	-0.73	0	0	0	0	0	0
10/16/2023 11:10	56802 BENV_T2	3	7	4	0.63	0.34	-0.29	-0.7	-0.73	0	0	0	0	0	0
10/16/2023 11:10	42201 SHEN_T2	0	0	0	0	0	0	-0.25	-0.27	1	1	0	600	600	0
10/16/2023 11:10	44301 BEAV_T2	1	1	0	0.5	0	-0.5	0	-0.15	2	2	0	1500	1500	0
10/16/2023 11:11	56802 BENV_T2	3	7	4	0.63	0.34	-0.29	-1.4	-1.46	0	0	0	0	0	0
10/16/2023 11:11	23901 EFMO_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/16/2023 11:16	58402 MORO_T1	0	1	1	0	0.1	0.1	0	0	0	0	0	0	0	0
10/16/2023 11:16	52404 GRPA_T2	0	1	1	0	0.6	0.6	0	0	0	0	0	0	0	0
10/16/2023 11:16	64801 MONE_T2	1	1	0	0.1	0.5	0.4	0.31	0.31	0	0	0	0	0	0
10/16/2023 11:17	52004 LING_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/16/2023 11:17	58402 MORO_T1	0	1	1	0	0.1	0.1	0	0	0	0	0	0	0	0
10/16/2023 11:18	41902 REED_T1	0	0	0	0	0	0	1.96	2.04	0	0	0	0	0	0
10/16/2023 11:18	66504 SMAN_T2	0	0	0	0	0	0	-0.37	-0.4	0	0	0	0	0	0
10/16/2023 11:19	58401 MORO_T1	4	6	2	0.4	0.37	-0.03	-1.03	-1.04	1	1	0	600	600	0
10/16/2023 11:20	66505 SMAN_T2	0	0	0	0	0	0	0.5	0.46	2	2	0	1100	1100	0
10/16/2023 11:21	43001 ALWD_T1	10	15	5	0.17	0.22	0.05	0	0	0	0	0	0	0	0
10/16/2023 11:21	41901 REED_T1	10	10	0	0.32	0.44	0.12	0	0	0	0	0	0	0	0
10/16/2023 11:21	45402 WBLO_T2	32	36	4	0.21	0.15	-0.06	0	0	0	0	0	0	0	0
10/16/2023 11:21	65902 SAXR_T2	0	0	0	0	0	0	0	-0.05	1	1	0	300	300	0
10/16/2023 11:22	66703 STRA_T1	0	0	0	0	0	0	-0.15	-0.17	0	0	0	0	0	0
10/16/2023 11:22	27502 WEIS_T2	0	0	0	0	0	0	-0.5	-0.51	0	0	0	0	0	0
10/16/2023 11:23	43001 ALWD_T1	10	15	5	0.17	0.22	0.05	0	0	0	0	0	0	0	0
10/16/2023 11:23	15103 UPHA_T2	1	1	0	0.1	0.3	0.2	0.38	0.38	0	0	0	0	0	0
10/16/2023 11:24	52404 GRPA_T2	0	1	1	0	0.6	0.6	0	0	0	0	0	0	0	0
10/16/2023 11:24	67401 WAKE_T2	0	1	1	0	0.3	0.3	-1.12	-1.12	0	0	0	0	0	0
10/16/2023 11:24	56803 BENV_T1	2	2	0	0.5	0.25	-0.25	0	0	0	0	0	0	0	0
10/16/2023 11:24	45402 WBLO_T2	32	36	4	0.21	0.15	-0.06	-0.7	-0.69	0	0	0	0	0	0
10/16/2023 11:25	54502 ENOL_T2	1	2	1	0.5	0.3	-0.2	0	0	0	0	0	0	0	0
10/16/2023 11:25	20401 ASHF_T2	3	3	0	0.67	0.3	-0.37	0	0	0	0	0	0	0	0
10/16/2023 11:25	56801 BENV_T1	32	37	5	0.79	0.8	0.01	-0.21	-0.18	0	0	0	0	0	0
10/16/2023 11:25	42201 SHEN_T2	0	0	0	0	0	0	-0.27	-0.28	1	1	0	600	600	0
10/16/2023 11:26	10805 CHHI_T2	1	2	1	7	7.6	0.6	-1.22	-0.3	2	1	-1	1800	600	-1200
10/16/2023 11:27	56603 HAMP_T1	19	74	55	0.1	0.21	0.11	0	0	0	0	0	0	0	0
10/16/2023 11:27	28704 HAML_T2	0	0	0	0	0	0	-0.01	-0.01	0	0	0	0	0	0
10/16/2023 11:28	54503 ENOL_T2	0	0	0	0	0	0	-0.4	-0.42	1	1	0	600	600	0
10/16/2023 11:28	54502 ENOL_T2	1	2	1	0.5	0.3	-0.2	0	0	0	0	0	0	0	0
10/16/2023 11:28	54505 ENOL_T2	1	1	0	1	1.1	0.1	0	0	0	0	0	0	0	0
10/16/2023 11:29	58401 MORO_T1	4	6	2	0.4	0.37	-0.03	0	0	0	0	0	0	0	0
10/16/2023 11:30	23402 HONE_T2	0	0	0	0	0	0	0.67	0.68	0	0	0	0	0	0
10/16/2023 11:31	64802 MONE_T2	3	57	54	0.13	0.13	0	0.2	0.2	0	0	0	0	0	0
10/16/

Appendix C - Grid Benefits Achieved in Each Instance of Active Management

10/16/2023 11:51	57601 RUTH_T2	0	1	1	0	0.2	0.2	-0.26	-0.22	1	1	0	900	900	0
10/16/2023 11:51	45902 AUBU_T1	1	1	0	0.2	0.2	0	0	0	1	1	0	600	600	0
10/16/2023 11:51	13704 SCHN_T2	6	7	1	0.42	0.3	-0.12	-0.35	-0.36	0	0	0	0	0	0
10/16/2023 11:51	54001 SDLE_T1	8	9	1	0.75	0.81	0.06	0	0	0	0	0	0	0	0
10/16/2023 11:51	52402 GRPA_T2	34	33	-1	0.49	0.6	0.11	0	0	0	0	0	0	0	0
10/16/2023 11:52	45902 AUBU_T1	1	1	0	0.2	0.2	0	0	0	0	0	0	0	0	0
10/16/2023 11:52	43304 WATS_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/16/2023 11:53	52402 GRPA_T2	34	33	-1	0.49	0.6	0.11	0	0	0	0	0	0	0	0
10/16/2023 11:53	43304 WATS_T2	0	0	0	0	0	0	-1.53	-1.81	0	0	0	0	0	0
10/16/2023 11:53	54001 SDLE_T1	8	9	1	0.75	0.81	0.06	0	0	0	0	0	0	0	0
10/16/2023 11:53	46001 BERW_T1	0	0	0	0	0	0	0.94	0.9	0	0	0	0	0	0
10/16/2023 11:54	43304 WATS_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/16/2023 11:55	53601 DALM_T2	1	1	0	0.4	1.4	1	-0.39	-0.32	1	1	0	900	900	0
10/16/2023 11:55	43301 WATS_T2	1	1	0	0.5	0.9	0.4	0.36	0.36	0	0	0	0	0	0
10/16/2023 11:55	46001 BERW_T1	0	0	0	0	0	0	0.94	0.9	0	0	0	0	0	0
10/16/2023 11:56	45902 AUBU_T1	1	1	0	0.2	0.2	0	0	0	1	1	0	600	600	0
10/16/2023 11:58	65604 QVIL_T2	0	0	0	0	0	0	0.3	0.32	0	0	0	0	0	0
10/16/2023 11:59	65602 QVIL_T2	0	2	2	0	0.1	0.1	0	0	0	0	0	0	0	0
10/16/2023 11:59	26401 INOR_T1	1	2	1	0.1	0.15	0.05	0.28	0.27	0	0	0	0	0	0
10/16/2023 12:03	54001 SDLE_T1	9	7	-2	0.81	0.93	0.12	0	0	0	0	0	0	0	0
10/16/2023 12:04	54001 SDLE_T1	9	7	-2	0.81	0.93	0.12	0	0	0	0	0	0	0	0
10/16/2023 12:04	52403 GRPA_T2	15	11	-4	0.47	0.29	-0.18	0.15	0.09	0	0	0	0	0	0
10/16/2023 12:05	51201 MTON_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/16/2023 12:06	42701 AUGU_T1	1	1	0	0.1	0.5	0.4	0	0	2	2	0	1800	1800	0
10/16/2023 12:06	52401 GRPA_T2	3	1	-2	0.37	0.8	0.43	0	0	0	0	0	0	0	0
10/16/2023 12:06	67402 WAKE_T2	0	1	1	0	0.5	0.5	0	0	0	0	0	0	0	0
10/16/2023 12:07	52403 GRPA_T2	15	11	-4	0.47	0.29	-0.18	0.15	0.09	0	0	0	0	0	0
10/16/2023 12:07	67203 TEHI_T1	0	0	0	0	0	2.3	2	1	1	2	1	600	1500	900
10/16/2023 12:07	42701 AUGU_T1	1	1	0	0.1	0.5	0.4	0	0	2	2	0	1800	1800	0
10/16/2023 12:07	54001 SDLE_T1	9	7	-2	0.81	0.93	0.12	0	0	0	0	0	0	0	0
10/16/2023 12:08	52403 GRPA_T2	15	11	-4	0.47	0.29	-0.18	0.15	0.09	0	0	0	0	0	0
10/16/2023 12:08	67201 TEHI_T1	0	0	0	0	0	0	1.1	0.83	1	1	0	900	900	0
10/16/2023 12:11	23401 HONE_T2	0	0	0	0	0	0	-0.23	-0.23	0	0	0	0	0	0
10/16/2023 12:14	23401 HONE_T2	0	0	0	0	0	0	-0.23	-0.22	0	0	0	0	0	0
10/16/2023 12:14	65602 QVIL_T2	0	2	2	0	0.1	0.1	0	0	0	0	0	0	0	0
10/16/2023 12:15	23401 HONE_T2	0	0	0	0	0	0	-0.23	-0.22	0	0	0	0	0	0
10/16/2023 12:16	23402 HONE_T2	0	0	0	0	0	0	0.6	0.62	0	0	0	0	0	0
10/16/2023 12:17	43402 BENT_T1	0	0	0	0	0	0	-0.67	-1.31	1	1	0	900	900	0
10/16/2023 12:18	13704 SCHN_T2	7	6	-1	0.26	0.38	0.12	-0.34	-0.33	0	0	0	0	0	0
10/16/2023 12:19	13701 SCHN_T2	13	13	0	0.15	0.14	-0.01	0	0	0	0	0	0	0	0
10/16/2023 12:22	15001 BLMO_T1	0	1	1	0	0.1	0.1	0	0	0	0	0	0	0	0
10/16/2023 12:22	45402 WBLO_T2	1	3	2	0.2	0.5	0.3	-0.71	-0.74	0	0	0	0	0	0
10/16/2023 12:23	15001 BLMO_T1	0	1	1	0	0.1	0.1	0	0	0	0	0	0	0	0
10/16/2023 12:24	15001 BLMO_T1	0	1	1	0	0.1	0.1	0	0	0	0	0	0	0	0
10/16/2023 12:27	15001 BLMO_T1	0	1	1	0	0.1	0.1	0	0	0	0	0	0	0	0
10/16/2023 12:30	45003 LIME_2	1	1	0	3.4	2.5	-0.9	0	0	1	1	0	1200	1200	0
10/16/2023 12:31	45001 LIME_2	25	11	-14	0.41	0.14	-0.27	0	0	0	0	0	0	0	0
10/16/2023 12:32	51201 MTON_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/16/2023 12:36	67204 TEHI_T2	0	1	1	0	0.2	0.2	-0.06	-0.09	0	0	0	0	0	0
10/16/2023 12:36	52401 GRPA_T2	1	1	0	0.8	0.8	0	-0.43	-0.44	0	0	0	0	0	0
10/16/2023 12:37	67001 STHI_T2	227	130	-97	0.11	0.1	-0.01	0	0	0	0	0	0	0	0
10/16/2023 12:37	67204 TEHI_T2	0	1	1	0	0.2	0.2	-0.06	-0.09	0	0	0	0	0	0
10/16/2023 12:38	45902 AUBU_T1	0	0	0	0	0	0	0	0	2	2	0	1200	1200	0
10/16/2023 12:40	45901 AUBU_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/16/2023 12:41	52402 GRPA_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/16/2023 12:42	52402 GRPA_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/16/2023 12:47	60502 NMAN_T2	0	0	0	0	0	0	-0.23	-0.21	0	0	0	0	0	0
10/16/2023 12:48	64101 REFR_T1	0	0	0	0	0	0	-0.14	-0.16	0	0	0	0	0	0
10/16/2023 12:50	43301 WATS_T2	1	1	0	0.7	1.1	0.4	0	0	0	0	0	0	0	0
10/16/2023 12:51	43301 WATS_T2	1	1	0	0.7	1.1	0.4	0	0	0	0	0	0	0	0
10/16/2023 12:51	45902 AUBU_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/16/2023 12:53	43301 WATS_T2	1	1	0	0.7	1.1	0.4	0.36	0.35	0	0	0	0	0	0
10/16/2023 12:54	15001 BLMO_T1	1	8	7	0.1	0.43	0.33	0	0	0	0	0	0	0	0
10/16/2023 12:54	60801 BUCK_T1	1	0	-1	0.4	0	-0.4	-0.14	0.15	0	0	0	0	0	0
10/16/2023 12:55	43304 WATS_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/16/2023 12:55	15001 BLMO_T1	1	8	7	0.1	0.43	0.33	0	0	0	0	0	0	0	0
10/16/2023 12:57	23401 HONE_T2	0	0	0	0	0	0	-0.24	-0.26	0	0	0	0	0	0
10/16/2023 12:58	23401 HONE_T2	0	0	0	0	0	0	-0.24	-0.26	0	0	0	0	0	0
10/16/2023 12:59	57303 MOAL_T2	1	1	0	7	6.9	-0.1	0	0	0	0	0	0	0	0
10/16/2023 13:01	23402 HONE_T2	0	0	0	0	0	0	0.63	0.62	0	0	0	0	0	0
10/16/2023 13:02	63602 LETO_T1	1	0	-1	0.2	0	-0.2	0	0	0	0	0	0	0	0
10/16/2023 13:07	45902 AUBU_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/16/2023 13:08	49804 UNIV_T1	0	2	2	0	0.5	0.5	0	0	0	0	0	0	0	0
10/16/2023 13:08	53601 DALM_T2	1	2	1	9.3	4.05	-5.25	-0.41	-0.43	1	1	0	900	900	0
10/16/2023 13:10	49804 UNIV_T1	0	2	2	0	0.5	0.5	0	0	0	0	0	0	0	0
10/16/2023 13:10	43304 WATS_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/16/2023 13:16	57601 RUTH_T2	0	0	0	0	0	0	-0.27	-0.23	1	1	0	900	900	0
10/16/2023 13:17	52501 PROG_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/16/2023 13:17	57601 RUTH_T2	0	0	0	0	0	0	-0.27	-0.23	1	1	0	900	900	0
10/16/2023 13:17	42902 MIDD_T2	1	0	-1	0.8	0	-0.8	0	0	0	0	0	0	0	0
10/16/2023 13:17	15001 BLMO_T1	8	10	2	0.43	0.32	-0.11	0	0	0	0	0	0	0	0
10/16/2023 13:17	26401 INOR_T1	0	2	2	0	0.35	0.35	0	0	0	0	0	0	0	0
10/16/2023 13:18	15001 BLMO_T1	8	10	2	0.43	0.32	-0.11	0	0	0	0	0	0	0	0
10/16/2023 13:19	42902 MIDD_T2	1	0	-1	0.8	0	-0.8	0	0	0	0	0	0	0	0
10/16/2023 13:19	40101 HUNT_T2	0	0	0	0	0	0	-0.21	-0.19	0	0	0	0	0	0
10/16/2023 13:20	26401 INOR_T1	0	2	2	0	0.35	0.35	0.74	0.73	0	0	0	0	0	0
10/16/2023 13:23	45902 AUBU_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/16/2023 13:24	59102 WALK_T2	0	2	2	0	0.25	0.25	0	0	0	0	0	0	0	0
10/16/2023 13:26	43304 WATS_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/16/2023 13:28	23301 JEFF_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/16/2023 13:28	54505 ENOL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/16/2023 13:30	42902 MIDD_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/16/2023 13:30	26401 INOR_T1	1	1	0	0.1	0.6	0.5	0	0	0	0	0	0	0	0
10/16/2023 13:31	45802 HEGI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/16/2023 13:33	42902 MIDD_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/16/2023 13:33	54701 NEBL_T1	4	4	0	0.28	0.23	-0.05	0	0	1	1	0	600	600	0
10/16/2023 13:35	14801 TREI_T2	100	105	5	0.43	0.47	0.04	0	0	0	0	0	0	0	0
10/16/2023 13:36	14802 TREI_T2	22	30	8	0.28	0.34	0.06	0.28	0.28	0	0	0	0	0	0
10/16/2023 13:37	46004 BERW_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/16/2023 13:37	43301 WATS_T2	1	1	0	1.3	1	-0.3	0	0	0	0	0	0	0	0
10/16/2023 13:42	23401 HONE_T2	0	0	0	0	0	0	-0.26	-0.23	0	0	0	0	0	0
10/16/2023 13:43	23301 JEFF_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/16/2023 13:45	26401 INOR_T1	1	0	-1	0.6	0	-0.6	0	0	0	0	0	0	0	0
10/16/2023 13:46	45802 HEGI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/16/2023 13:49	67001 STHI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/16/2023 13:50	67001 STHI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/16/2023 13:50	51201 MTON_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/16/2023 13:51	67001 STHI_T2	120	294	174	0.11	0.13	0.02	0	0	0	0	0	0	0	0
10/16/2023 13:52	67001 STHI_T2	120	294	174	0.11	0.13	0.02	0	0	0	0	0	0	0	0
10/16/2023 13:52	45902 AUBU_T1	0	0	0	0	0	0	0	0	1	1	0	600	600	0
10/16/2023 13:52	65902 SAKR_T2	0	0	0	0	0	0	0	0	1	1	0	300	300	0
10/16/2023 13:54	67002 STHI_T2	9	20	11	0.13	0.15	0.02	0.69	0.65	0	0	0	0	0	0
10/16/2023 13:54	45902 AUBU_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/16/2023 13:54	15001 BLMO_T1	4	4	0	0.28	0.3	0.02	0	0	0	0	0	0	0	0
10/16/2023 13:54	53601 DALM_T2	2	2	0	4.45	5.45	1	-0.45	-0.37	1	1	0	900	900	0
10/16/2023 13:55	45902 AUBU_T1	0	0	0	0	0	0	0	0	1	1	0	600	600	0
10/16/2023 13:56	60701 BREC_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/16/2023 14:00	42802 SELI_T1	0	0	0	0	0	0	0	0	1	0	-1	900	0	-900
10/16/2023 14:00	22901 HARW_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/16/2023 14:01	42802 SELI_T1	0	0	0	0	0	0	0	0	2	0	-2	1800	0	-1800
10/16/2023 14:02	42802 SELI_T1	0	0	0	0	0	0	0	0	4	0	-4	3600	0	-3600
10/16/2023 14:02	52501 PROG_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/16/2023 14:04	42802 SELI_T1	0	0	0	0	0	0	0	0	3	0	-3	2700	0	-2700
10/16/2023 14:04	59101 WALK_T2	1	1	0	0	0	0	2.19	2.31	0	0	0	0	0	0
10/16/2023 14:06	43304 WATS_T2	0	0	0	0	0	0	-0.53	-0.48	0	0	0	0	0	0
10/16/2023 14:06	45902 AUBU_T1	0	0	0	0	0	0	0	0	1	1	0	600	600	0
10/16/2023 14:06	59101 WALK_T2	1	1	0	0	0	0	2.19	2.31	0	0	0	0	0	0
10/16/2023 14:06	67203 TEHI_T1	0	0	0	0	0	0	1.82	2.85	2	1	-1	1500	600	-900
10/16/2023 14:07	59101 WALK_T2	1	1	0	0	0	0	2.19	2.31	0	0	0	0	0	0
10/16/2023 14:08	45902 AUBU_T1	0	0	0	0	0	0	0	0	1	1	0	600	600	0
10/16/2023 14:08	49804 UNIV_T1	1	2	1	0.1	0.45	0.35	0	0	0	0	0	0	0	0
10/16/2023 14:08	60801 BUCK_T1	0	0	0	0	0	0	0.26	0.24	0	0	0	0	0	0
10/16/2023 14:10	53601 DALM_T2	2	2	0	5.4	4.8	-0.6	-0.37	-0.36	1	1	0	900	900	0
10/16/2023 14:10	15001 BLMO_T1	4	0	-4	0.3	0	-0.3	0	0	0	0	0	0	0	0
10/16/2023 14:10	54505 ENOL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/16/2023 14:11	52401 GRPA_T2	2	3	1	0.75	0.47	-0.28	-0.49	-0.5	0	0	0	0	0	0
10/16/2023 14:11	28805 LAKE_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/16/2023 14:12	52402 GRPA_T2	29	65	36	0.51	0.4	-0.11	0	0	0	0	0	0	0	0
10/16/2023 14:12	15001 BLMO_T1	4	0	-4	0.3	0	-0.3	0	0	0	0	0	0	0	0
10/16/2023 14:12	28805 LAKE_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/16/2023 14:13	23401 HONE_T2	0	0	0	0	0	0	-0.31	-0.28	0	0	0	0	0	0
10/16/2023 14:13	44904 SCOT_T1	0	0	0	0	0	0	0.37	0.52	0	0	0	0	0	0
10/16/2023 14:15	52402 GRPA_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/16/2023 14:15	46602 LACR_T1	0	0	0	0	0	0	-0.15	-0.2	0	0	0	0	0	0
10/16/2023 14:16	52502 PROG_T2	0	0	0	0	0	0	-0.73	-0.76	1	1	0	900	900	0
10/16/2023 14:17	42902 MIDD_T2	0	3	3	0	1.2	1.2	-0.92	-0.97	1	1	0	600	600	0
10/16/2023 14:17	52402 GRPA_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/16/2023 14:18	66703 STRA_T1	0	0	0	0	0	0	-0.14	-0.17	0	0	0	0	0	0
10/16/2023 14:20	44901 SCOT_T2	0	1	1	0	0.1	0.1	0.25	0.17	0	0	0	0	0	0
10/16/2023 14:20	52502 PROG_T2	0	0	0	0	0	0	-0.73	-0.76	1	1	0	900	900	0
10/16/2023 14:21	43301 WATS_T2	1	1	0	1	1.1	0.1	0.33	0.32	0	0	0	0	0	0
10/16/2023 14:21	67201 TEHI_T1	0	0	0	0	0	0	1.08	1.28	1	1	0	900	900	0
10/16/2023 14:22	42503 ALTA_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/16/2023 14:22	15001 BLMO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/16/2023 14:22	13701 SCHN_T2	11	45	34	0.18	0.2	0.02	0	0	0	0	0	0	0	0
10/16/2023 14:22	43301 WATS_T2	1	1	0	1	1.1	0.1	0	0	0	0	0	0	0	0
10/16/2023 14:22	67203 TEHI_T1	0	0	0	0	0	2.85	2.61	1	1	1	0	600	600	0
10/16/2023 14:22	45902 AUBU_T1	0	3	3	0	0.27	0.27	0	0	1	1	0	600	600	0
10/16/2023 14:23	44901 SCOT_T2	0	0	1	0	0.1	0.1	0	0	0	0	0	0	0	0
10/16/2023 14:23	49804 UNIV_T1	2	1	-1	0.45	0.3	-0.15	0	0	0	0	0	0	0	0
10/16/2023 14:23	59101 WALK_T2	1	2	1	0	0	0	2.31	2.49	0	0	0	0	0	0
10/16/2023 14:23	15001 BLMO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/16/2023 14:24	59101 WALK_T2	1	2	1	0	0	0	2.31	2.49	0	0	0	0	0	0
10/16/2023 14:24	45902 AUBU_T1	0	3	3	0	0.27	0.27	0	0	1	1	0	600	600	0
10/16/2023 14:25	56603 HAMP_T1	78	79	1	0.22	0.22	0	0	0	0	0	0	0	0	0
10/16/2023 14:25	15001 BLMO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/16/2023 14:25	53601 DALM_T2	1	1	0	1.2	0.8	-0.4	-0.36	-0.36	1	1	0	900	900	0
10/16/2023 14:26	56603 HAMP_T1	78	79	1	0.22	0.22	0	0	0	0	0	0	0	0	0
10/16/2023 14:26	15001 BLMO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/16/2023 14:27	52401 GRPA_T2	2	3	1	0.45	0.43	-0.02	0	0	0	0	0	0	0	0
10/16/2023 14:27	56603 HAMP_T1	78	79	1	0.22	0.22	0	0	0	0	0	0	0	0	0
10/16/2023 14:27	45802 HEGI_T2	0	0	0	0	0	0	1.46	1.16	0	1	1	0	300	300
10/16/2023 14:27	40101 HUNT_T2	0	0	0	0	0	0	-0.14	-0.16	0	0	0	0	0	0
10/16/2023 14:28	52404 GRPA_T2	1	1	0	0.1	0.2	0.1	0	0	0	0	0	0	0	0
10/16/2023 14:28	40101 HUNT_T2	0	0	0	0	0	0	-0.14	-0.16	0	0	0	0	0	0
10/16/2023 14:29	54502 ENOL_T2	1	1	0	0.5	0.7	0.2	-1.42	-1.43	0	0	0	0	0	0
10/16/2023 14:29	23401 HONE_T2	0	0	0	0	0	0	-0.25	-0.26	0	0	0	0	0	0
10/16/2023 14:29	45802 HEGI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/16/2023 14:30	58402 MORO_T1	0	1	1	0	0.1	0.1	-1.17	-1.17	2	2	0	1500	1500	0
10/16/2023 14:30	46602 LACR_T1	0	0	0	0	0	0	-0.2	-0.23	0	0	0	0	0	0
10/16/2023 14:30	40101 HUNT_T2	0	0	0	0	0	0	-0.16	-0.19	0	0	0	0	0	0
10/16/2023 14:31	42902 MIDD_T2	1

Appendix C - Grid Benefits Achieved in Each Instance of Active Management

10/16/2023 14:43	40101 HUNT_T2	0	0	0	0	0	0	-0.16	-0.19	0	0	0	0	0	0
10/16/2023 14:43	59301 MCAL_T1	3	7	4	0.5	0.4	-0.1	0	0	0	0	0	0	0	0
10/16/2023 14:43	45802 HEGI_T2	0	0	0	0	0	0	1.16	1.25	1	1	0	300	300	0
10/16/2023 14:44	52402 GRPA_T2	29	40	11	0.5	0.5	0	0	0	0	0	0	0	0	0
10/16/2023 14:44	40101 HUNT_T2	0	0	0	0	0	0	-0.19	-0.18	0	0	0	0	0	0
10/16/2023 14:44	15001 BLMO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/16/2023 14:45	58401 MORO_T1	0	1	1	0	0	0	0	0	0	0	0	0	0	0
10/16/2023 14:45	23401 HONE_T2	0	2	2	0	0.1	0.1	-0.26	-0.28	0	0	0	0	0	0
10/16/2023 14:46	40101 HUNT_T2	0	0	0	0	0	0	-0.19	-0.18	0	0	0	0	0	0
10/16/2023 14:46	58402 MORO_T1	0	3	3	0	0.1	0.1	-1.17	-1.12	2	2	0	1500	1500	0
10/16/2023 14:46	46602 LACR_T1	0	0	0	0	0.1	0.1	-0.23	-0.23	0	0	0	0	0	0
10/16/2023 14:46	42701 AUGU_T1	1	1	0	0.1	0.1	0	0	0	2	2	0	1800	1800	0
10/16/2023 14:47	58401 MORO_T1	0	1	1	0	0	0	0	0	0	0	0	0	0	0
10/16/2023 14:48	65005 NEFF_T2	1	0	-1	0.1	0	-0.1	0	0	0	0	0	0	0	0
10/16/2023 14:48	64801 MONE_T2	0	1	1	0	0.2	0.2	0.29	0.29	0	0	0	0	0	0
10/16/2023 14:48	57303 MOAL_T2	1	1	0	7	6.8	-0.2	0	0	0	0	0	0	0	0
10/16/2023 14:48	64802 MONE_T2	93	66	-27	0.14	0.18	0.04	0.17	0.18	0	0	0	0	0	0
10/16/2023 14:49	66703 STRA_T1	0	0	0	0	0	0	-0.2	-0.22	0	0	0	0	0	0
10/16/2023 14:52	67002 STHI_T2	43	164	121	0.15	0.18	0.03	0	0	0	0	0	0	0	0
10/16/2023 14:53	20403 ASHF_T2	0	2	2	0	0.6	0.6	0.8	0.83	0	0	0	0	0	0
10/16/2023 14:53	65601 QVIL_T2	2	0	-2	0.35	0	-0.35	0	0	0	0	0	0	0	0
10/16/2023 14:53	15103 UPHA_T2	2	2	0	0.45	0.55	0.1	0.33	0.35	0	0	0	0	0	0
10/16/2023 14:53	45902 AUBU_T1	3	0	-3	0.27	0	-0.27	0	0	1	1	0	600	600	0
10/16/2023 14:54	59101 WALK_T2	2	2	0	2.1	0	-2.1	2.38	2.35	0	0	0	0	0	0
10/16/2023 14:54	56801 BENV_T1	48	52	4	1.06	1.2	0.14	-0.42	-0.44	0	0	0	0	0	0
10/16/2023 14:55	20401 ASHF_T2	4	3	-1	0.2	0.13	-0.07	0	0	0	0	0	0	0	0
10/16/2023 14:55	60701 BREC_T1	0	0	0	0	0	0	-0.83	-0.84	4	4	0	2400	2400	0
10/16/2023 14:55	10805 CHHI_T2	1	7	6	8.2	7.8	-0.4	-0.46	-0.57	0	0	0	0	0	0
10/16/2023 14:55	46004 BERW_T2	0	0	0	0	0	0	-0.21	-0.27	0	0	0	0	0	0
10/16/2023 14:55	45902 AUBU_T1	3	0	-3	0.27	0	-0.27	0	0	1	1	0	600	600	0
10/16/2023 14:57	53601 DALM_T2	2	2	0	4.25	3.7	-0.55	-0.34	-0.52	1	1	0	900	900	0
10/16/2023 14:59	52402 GRPA_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/16/2023 15:02	60502 NMAN_T2	0	0	0	0	0	0	-0.26	-0.28	0	0	0	0	0	0
10/16/2023 15:02	52402 GRPA_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/16/2023 15:03	58402 MORO_T1	1	3	2	0.1	0.1	0	-1.12	-1.16	2	2	0	1500	1500	0
10/16/2023 15:04	67204 TEHI_T2	0	1	1	0	0.1	0.1	-0.11	-0.13	0	0	0	0	0	0
10/16/2023 15:05	66703 STRA_T1	0	0	0	0	0	0	-0.22	-0.17	0	0	0	0	0	0
10/16/2023 15:05	67002 STHI_T2	139	160	21	0.18	0.16	-0.02	1.98	2.25	0	0	0	0	0	0
10/16/2023 15:06	67204 TEHI_T2	0	1	1	0	0.1	0.1	-0.11	-0.13	0	0	0	0	0	0
10/16/2023 15:07	67002 STHI_T2	139	160	21	0.18	0.16	-0.02	0.66	0.75	0	0	0	0	0	0
10/16/2023 15:08	65004 NEFF_T2	1	1	0	0.1	0.2	0.1	-0.52	-0.52	0	0	0	0	0	0
10/16/2023 15:08	42701 AUGU_T1	1	0	-1	0.1	0	-0.1	0	0	2	2	0	1800	1800	0
10/16/2023 15:09	61102 BERK_T5	1	1	0	0.1	0.2	0.1	0	0	0	0	0	0	0	0
10/16/2023 15:09	59101 WALK_T2	2	1	-1	0.5	0	-0.5	2.35	2.01	0	0	0	0	0	0
10/16/2023 15:09	67605 WARW_T1	7	11	4	0.2	0.48	0.28	-1.18	-1.2	0	0	0	0	0	0
10/16/2023 15:09	42701 AUGU_T1	1	0	-1	0.1	0	-0.1	0	0	2	2	0	1800	1800	0
10/16/2023 15:10	54501 ENOL_T2	3	4	1	0.13	0.45	0.32	0	0	0	0	0	0	0	0
10/16/2023 15:11	61103 BERK_T5	0	0	0	0	0	0	0.09	0.09	0	0	0	0	0	0
10/16/2023 15:12	52403 GRPA_T2	10	10	0	0.2	0.81	0.61	0	0	0	0	0	0	0	0
10/16/2023 15:14	54501 ENOL_T2	3	4	1	0.13	0.45	0.32	0	0	0	0	0	0	0	0
10/16/2023 15:14	42201 SHEN_T2	0	1	1	0	0.2	0.2	-0.17	-0.16	1	1	0	600	600	0
10/16/2023 15:14	52401 GRPA_T2	5	4	-1	0.32	0.55	0.23	-0.52	-0.48	0	0	0	0	0	0
10/16/2023 15:15	26401 INOR_T1	0	0	0	0	0	0	0.81	0.77	0	0	0	0	0	0
10/16/2023 15:18	54206 PENN_T2	7	9	2	0.16	0.18	0.02	0	0	0	0	0	0	0	0
10/16/2023 15:20	14802 TREI_T2	19	20	1	0.29	0.25	-0.04	0.29	0.36	0	0	0	0	0	0
10/16/2023 15:21	14802 TREI_T2	19	20	1	0.29	0.25	-0.04	0.29	0.36	0	0	0	0	0	0
10/16/2023 15:23	60305 TWVA_T2	0	0	0	0	0	0	-1.85	-1.78	2	2	0	2400	2400	0
10/16/2023 15:24	59101 WALK_T2	1	1	0	0	0	0	2.01	1.96	0	0	0	0	0	0
10/16/2023 15:24	42701 AUGU_T1	0	0	0	0	0	0	0	0	2	2	0	1800	1800	0
10/16/2023 15:25	54505 ENOL_T2	1	1	0	1.3	1.4	0.1	0	0	2	2	0	1800	1800	0
10/16/2023 15:25	56803 BENV_T1	4	9	5	0.23	0.37	0.14	0	0	0	0	0	0	0	0
10/16/2023 15:25	42701 AUGU_T1	0	0	0	0	0	0	0	0	2	2	0	1800	1800	0
10/16/2023 15:26	12205 FOGE_T1	1	1	0	0.7	0	-0.7	0	0	1	1	0	600	600	0
10/16/2023 15:26	56801 BENV_T1	50	45	-5	1.18	1.01	-0.17	-0.21	-0.22	0	0	0	0	0	0
10/16/2023 15:28	45001 LIME_2	27	29	2	0.24	0.47	0.23	0	0	0	0	0	0	0	0
10/16/2023 15:30	42902 MIDD_T2	0	0	0	0	0	0	-1.08	-1.16	1	1	0	600	600	0
10/16/2023 15:30	45802 HEGI_T2	0	0	0	0	0	0	-0.27	0.47	1	0	-1	900	0	-900
10/16/2023 15:32	45001 LIME_2	27	33	6	0.22	0.51	0.29	0	0	0	0	0	0	0	0
10/16/2023 15:33	54701 NEBL_T1	6	7	1	0.62	0.61	-0.01	0	0	1	1	0	600	600	0
10/16/2023 15:41	28805 LAKE_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/16/2023 15:42	45802 HEGI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/16/2023 15:44	65003 NEFF_T2	127	122	-5	0.23	0.19	-0.04	0	0	0	0	0	0	0	0
10/16/2023 15:46	28805 LAKE_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/16/2023 15:50	58402 MORO_T1	0	0	0	0	0	0	-1.13	-1.04	2	2	0	1500	1500	0
10/16/2023 15:54	59101 WALK_T2	1	1	0	0	0	0	2.1	2.22	0	0	0	0	0	0
10/16/2023 15:57	25402 LAHA_T2	0	0	0	0	0	0	-0.7	-0.86	0	0	0	0	0	0
10/16/2023 16:01	58402 MORO_T1	0	0	0	0	0	0	-1.04	-1.06	2	2	0	1500	1500	0
10/16/2023 16:05	54701 NEBL_T1	7	6	-1	0.61	0.62	0.01	0	0	1	1	0	600	600	0
10/16/2023 16:20	59101 WALK_T2	1	1	0	0	0	0	2.16	1.8	0	0	0	0	0	0
10/16/2023 16:23	59101 WALK_T2	1	1	0	0	0	0	6.48	5.41	0	0	0	0	0	0
10/16/2023 16:29	54502 ENOL_T2	1	0	-1	0.3	0	-0.3	-1.35	-1.4	0	0	0	0	0	0
10/16/2023 16:32	56503 ROCK_T2	13	5	-8	0.11	0.16	0.05	0	0	0	0	0	0	0	0
10/16/2023 16:44	45802 HEGI_T2	1	1	0	0.1	0	-0.1	0.69	0.99	0	0	0	0	0	0
10/16/2023 16:53	59101 WALK_T2	1	1	0	0	0	0	1.54	1.44	0	0	0	0	0	0
10/16/2023 17:10	63305 GREE_T1	0	0	0	0	0	0	-1.15	-1.21	0	0	0	0	0	0
10/16/2023 17:12	63305 GREE_T1	0	0	0	0	0	0	-1.15	-1.21	0	0	0	0	0	0
10/16/2023 17:16	63305 GREE_T1	0	0	0	0	0	0	-1.21	-1.18	0	0	0	0	0	0
10/16/2023 17:52	43401 BENT_T1	0	1	1	0	0	0	0	0	0	0	0	0	0	0
10/16/2023 17:53	45901 AUBU_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/16/2023 18:12	43402 BENT_T1	0	0	0	0	0	0	-0.91	-0.91	1	1	0	900	900	0
10/16/2023 18:29	43402 BENT_T1	0	0	0	0	0	0	-0.91	-0.91	1	1	0	900	900	0
10/16/2023 18:50	63305 GREE_T1	0	0	0	0	0	0	-1.15	-1.13	0	0	0	0	0	0
10/16/2023 18:58	26401 INOR_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/16/2023 19:09	23301 JEFF_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/16/2023 19:12	43402 BENT_T1	0	0	0	0	0	0	-0.92	-0.92	1	1	0	900	900	0
10/16/2023 19:15	42503 ALTA_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/16/2023 19:19	40602 PGR_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/16/2023 19:19	12205 FOGE_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/16/2023 19:20	56504 ROCK_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/16/2023 19:20	46301 ROHR_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/16/2023 19:20	52004 LING_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/16/2023 19:20	49804 UNIV_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/16/2023 19:20	12205 FOGE_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/16/2023 19:20	67001 STHI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/16/2023 19:22	67502 WEWI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/16/2023 19:23	45402 WBLO_T2	17	15	-2	0.12	0.13	0.01	0	0	0	0	0	0	0	0
10/16/2023 19:25	52501 PROG_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/16/2023 19:26	54206 PENN_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/16/2023 19:27	60701 BREC_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/16/2023 19:27	46203 DANV_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/16/2023 19:27	61303 EARL_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/16/2023 19:28	43304 WATS_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/16/2023 19:28	45802 HEGI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/16/2023 19:29	43402 BENT_T1	0	0	0	0	0	0	-0.92	-0.93	1	1	0	900	900	0
10/16/2023 19:29	56802 BENV_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/16/2023 19:29	67001 STHI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/16/2023 19:29	53501 EVIL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/16/2023 19:30	53501 EVIL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/16/2023 19:30	54505 ENOL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/16/2023 19:31	42903 MIDD_T2	2	2	0	0.6	0.75	0.15	0	0	0	0	0	0	0	0
10/16/2023 19:31	54701 NEBL_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/16/2023 19:31	56802 BENV_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/16/2023 19:31	22901 HARW_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/16/2023 19:33	46003 BERW_T2	1	1	0	1.5	1	-0.5	0	0	0	0	0	0	0	0
10/16/2023 19:34	40602 PGR_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/16/2023 19:34	53903 HALI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/16/2023 19:35	49803 UNIV_T1	0	10	10	0	0.1	0.1	0	0	0	0	0	0	0	0
10/16/2023 19:35	52402 GRPA_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/16/2023 19:35	45902 AUBU_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/16/2023 19:36	42902 MIDD_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/16/2023 19:36	46302 ROHR_T1	6	6	0	1.02	1.73	0.71	0	0	0	0	0	0	0	0
10/16/2023 19:36	46203 DANV_T2	0	3	3	0	0.13	0.13	0	0	0	0	0	0	0	0
10/16/2023 19:36	56802 BENV_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/16/2023 19:37	54701 NEBL_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/16/2023 19:37	52402 GRPA_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/16/2023 19:37	54505 ENOL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/16/2023 19:42	51201 MTON_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/16/2023 19:51	26401 INOR_T1	7	30	23	0.11	0.17	0.06	0.2	0.2	0	0	0	0	0	0
10/16/2023 20:03	28805 LAKE_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/16/2023 20:05	28704 HAML_T2	0	1	1	0	0.2	0.2	-0.01	-0.01	0	0	0	0	0	0
10/16/2023 20:08	65604 QVIL_T2	0	0	0	0	0	0	0.26	0.25	0	0	0	0	0	0
10/16/2023 20:08	28801 LAKE_T1	55	246	191	0.11	0.45	0.34	0	0	0	0	0	0	0	0
10/16/2023 20:11	44802 EDAN_T2	0	0	0	0	0	0	-0.95	-0.96	0	0	0	0	0	0
10/16/2023 20:13	54505 ENOL_T2	1	1	0	0.8	1.1	0.3	0	0	0	0	0	0	0	0
10/16/2023 20:15	60701 BREC_T1	0	0	0	0	0	0	0.26	0.25	1	0	-1	600	0	-600
10/16/2023 20:15	10805 CHHI_T2	1	1	0	7.4	7.6	0.2	-0.81	-0.81	0	0	0	0	0	0
10/16/2023 20:17	67002 STHI_T2	64	102	38	0.16	0.18	0.02	0.59	0.58	0	0	0	0	0	0
10/16/2023 20:17	43001 ALWD_T1	11	14	3	0.34	0.27	-0.07	0	0	0	0	0	0	0	0
10/16/2023 20:18	17804 GILB_T2	1	0	-1	0.1	0	-0.1	0	0	0	0	0	0	0	0
10/16/2023 20:18	41901 REED_T1	7	8	1	0.37	0.25	-0.12	0	0	0	0	0	0	0	0
10/16/2023 20:18	60803 BUCK_T1	0	0	0	0	0	0	-0.94	-0.95	1	1	0	600	600	0
10/16/2023 20:19	41902 REED_T1	0	0	0	0	0	0	0.96	0.95	0	0	0	0	0	0
10/16/2023 20:19	42701 AUGU_T1	0	0	0	0	0	0	0	0	2	2	0	1800	1800	0
10/16/2023 20:19	64801 MONE_T2	0	0	0	0	0	0	0.28	0.28	0	0	0	0	0	0
10/16/2023 20:19	41801 GOCI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/16/2023 20:19	13503 MCMI_T2	0	0	0	0	0	0	-0.01	-0.01	0	0	0	0	0	0
10/16/2023 20:20	67002 STHI_T2	64	102	38	0.16	0.18	0.02	1.18	1.17	0	0	0	0	0	0
10/16/2023 20:20	17805 GILB_T2	0	0	0	0	0	0	-0.19	-0.2	0	0	0	0	0	0
10/16/2023 20:20	28403 HART_T2	0	0	0	0	0	0	-0.66	-0.67	1	1	0	900	900	0
10/16/2023 20:20	14802 TREI_T2	0	4	4	0	0.1	0.1	0.26	0.26	0	0	0	0	0	0
10/16/2023 20:20	59101 WALK_T2	1	1	0	0	0	0	1.4	1.51	0	0	0	0	0	0
10/16/2023 20:20	16402 MOPO_T1	0	0	0	0	0	0	0.7	0.68	0	0	0	0	0	0
10/16/2023 20:20	67001 STHI_T2	484	587	103	0.26	0.28	0.02	0.02	0.02	0	0	0	0	0	0
10/16/2023 20:20	12205 FOGE_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/16/2023 20:20	40101 HUNT_T2	0	1	1	0	0	0	-0.58	-0.58	0	0	0	0	0	0
10/16/2023 20:20	44301 BEAV_T2	0	0	0	0	0	0	-0.28	-0.27	1	1	0	600	600	0
10/16/2023 20:20	29402 BELT_T1	1	1	0	7.9	7.7	-0.2	0	0	0	0	0	0	0	0
10/16/2023 20:21	54202 PENN_T2	0	55	55	0	0.14	0.14	0	0	0	0	0	0	0	0
10/16/2023 20:21	59101 WALK_T2	1	1	0	0	0	0	1.4	1.51	0	0	0	0	0	0
10/16/2023 20:21	42802 SELI_T1	0	1	1	0	0.1	0.1	0	0	0	0	0	0	0	0
10/16/2023 20:21	23401 HONE_T2	0	0	0	0	0	0	-0.31	-0.32	0	0	0	0	0	0
10/16/2023 20:22	41902 REED_T1	0	0	0	0	0	0	0.96	0.95	0	0	0	0	0	0
10/16/2023 20:22	14801 TREI_T2	0	1	1	0	0.3	0.3	0.31	0.3	0	0	0	0	0	0
10/16/2023 20:22	46301 ROHR_T1	0	0	0	0	0	0	0.19	0.18	0	0	0	0	0	0
10/16/2023 20:22	45003 LIME_2	1	1	0	4.1	4.1	0	0	0	1	1	0	1200	1200	0
10/16/2023 20:22	10801 CHHI_T1	0	0	0	0	0	0	-0.91	-0.92	1	1	0	900	900	0
10/16/2023 20:22	43001 ALWD_T1	11	14	3	0.34	0.27	-0.07	0	0	0	0	0	0	0	0
10/16/2023 20:23	44801 EDAN_T2	1	1	0	0.7	0.5	-0.2	0	0	0	0	0	0	0	0
10/16/2023 20:23	45902 AUBU_T1	0	0	0	0	0	0	0	0	1	1	0	600	600	0
10/16/2023 20:23	65604 QVIL_T2	0	0	0	0	0	0	0.25	0.25	0	0	0	0	0	0
10/16/2023 20:23	28403 HART_T2	0	0	0	0	0	0	-0.66	-0.67	1	1	0	900	900	0
10/16/2023 20:23	42701 AUGU_T1	0	0	0

Appendix C - Grid Benefits Achieved in Each Instance of Active Management

10/16/2023 20:27	42701 AUGU_T1	0	0	0	0	0	0	0	0	2	2	0	1800	1800	0
10/16/2023 20:27	53501 EVIL_T2	1	3	2	0.2	0.23	0.03	-1.47	-1.56	2	2	0	1200	1200	0
10/16/2023 20:27	62604 ENGL_T1	0	0	0	0	0	0	-1.59	-1.63	1	1	0	600	600	0
10/16/2023 20:27	56802 BENV_T2	1	2	1	0.9	0.5	-0.4	-0.81	-0.81	0	0	0	0	0	0
10/16/2023 20:27	53601 DALM_T2	1	1	0	0.2	0.6	0.4	-0.18	-0.19	0	0	0	0	0	0
10/16/2023 20:27	15001 BLMO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/16/2023 20:28	15001 BLMO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/16/2023 20:28	46803 HEPB_T2	1	1	0	0.1	0.1	0	0	0	0	0	0	0	0	0
10/16/2023 20:28	56802 BENV_T2	1	2	1	0.9	0.5	-0.4	-0.81	-0.81	0	0	0	0	0	0
10/16/2023 20:28	42802 SELI_T1	0	1	1	0	0.1	0.1	0	0	0	0	0	0	0	0
10/16/2023 20:28	25402 LAHA_T2	0	0	0	0	0	0	-0.86	-0.86	0	0	0	0	0	0
10/16/2023 20:29	46801 HEPB_T2	3	3	0	0.47	0.53	0.06	0.52	0.52	0	0	0	0	0	0
10/16/2023 20:29	67503 WEWI_T2	0	0	0	0	0	0	-0.59	-0.6	0	0	0	0	0	0
10/16/2023 20:29	13704 SCHN_T2	5	4	-1	0.36	0.15	-0.21	-0.44	-0.44	0	0	0	0	0	0
10/16/2023 20:29	67502 WEWI_T2	105	14	-91	0.2	0.12	-0.08	-0.41	-0.49	0	0	0	14	0	0
10/16/2023 20:29	42701 AUGU_T1	0	0	0	0	0	0	0	0	2	2	0	1800	1800	0
10/16/2023 20:29	66504 SMAN_T2	0	0	0	0	0	0	-0.43	-0.5	0	0	0	0	0	0
10/16/2023 20:29	42903 MIDD_T2	2	2	0	0.65	0.6	-0.05	0	0	0	0	0	0	0	0
10/16/2023 20:29	59101 WALK_T2	1	1	0	0	0	0	1.51	1.4	0	0	0	0	0	0
10/16/2023 20:29	43402 BENT_T1	0	0	0	0	0	0	-0.94	-0.94	1	1	0	900	900	0
10/16/2023 20:29	56802 BENV_T2	1	2	1	0.9	0.5	-0.4	-0.81	-0.82	0	0	0	0	0	0
10/16/2023 20:29	57304 MOAL_T2	1	4	3	0.2	0.35	0.15	-0.55	-0.54	0	0	0	0	0	0
10/16/2023 20:29	67203 TEHI_T1	0	0	0	0	0	0	1.83	1.87	1	1	0	600	600	0
10/16/2023 20:29	17804 GILB_T2	1	0	-1	0.1	0	-0.1	-0.6	-0.6	0	0	0	0	0	0
10/16/2023 20:30	56802 BENV_T2	1	2	1	0.8	0.6	-0.2	-1.62	-1.64	0	0	0	0	0	0
10/16/2023 20:30	13503 MCMI_T2	0	0	0	0	0	0	-0.01	-0.01	0	0	0	0	0	0
10/16/2023 20:30	67002 STHI_T2	79	200	121	0.18	0.17	-0.01	0.58	0.58	0	0	0	0	0	0
10/16/2023 20:30	46803 HEPB_T2	0	1	1	0	0.1	0.1	0.33	0.33	0	0	0	0	0	0
10/16/2023 20:30	45402 WILO_T2	36	51	15	0.2	0.44	0.24	-0.74	-0.76	0	0	0	0	0	0
10/16/2023 20:30	59301 MCAL_T1	61	71	10	0.28	0.37	0.09	0	0	0	0	0	0	0	0
10/16/2023 20:30	45802 HEGI_T2	1	0	-1	1.1	0	-1.1	0.59	0.64	0	0	0	0	0	0
10/16/2023 20:30	56801 BENV_T1	37	39	2	0.67	0.92	0.25	-0.82	-0.83	1	1	0	600	600	0
10/16/2023 20:30	28601 BLYT_T2	1	1	0	7	0	-7	0	0	0	0	0	0	0	0
10/16/2023 20:30	46201 DANV_T2	0	3	3	0	0.13	0.13	0	0	0	0	0	0	0	0
10/16/2023 20:30	42802 SELI_T1	0	1	1	0	0.5	0.5	0	0	0	0	0	0	0	0
10/16/2023 20:30	43202 MVIL_T2	0	19	19	0	0.17	0.17	-1.46	-1.47	0	0	0	0	0	0
10/16/2023 20:30	67502 WEWI_T2	14	0	-14	0.12	0	-0.12	-0.41	-0.49	0	0	0	0	0	0
10/16/2023 20:30	67204 TEHI_T2	0	4	4	0	0.1	0.1	0.06	0.05	0	0	0	0	0	0
10/16/2023 20:30	45901 AUBU_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/16/2023 20:30	42201 SHEN_T2	0	0	0	0	0	0	0.45	0.43	0	0	0	0	0	0
10/16/2023 20:31	54505 ENOL_T2	1	1	0	1.1	1.2	0.1	0	0	0	0	0	0	0	0
10/16/2023 20:31	10805 CHHI_T2	1	1	0	7.8	7.5	-0.3	-0.81	-0.81	0	0	0	0	0	0
10/16/2023 20:31	62604 ENGL_T1	0	0	0	0	0	0	-1.63	-1.61	1	1	0	600	600	0
10/16/2023 20:31	44905 SCOT_T1	0	1	1	0	0	0	0	0	0	0	0	0	0	0
10/16/2023 20:31	13704 SCHN_T2	3	5	2	0.13	0.24	0.11	-0.44	-0.44	0	0	0	0	0	0
10/16/2023 20:31	49803 UNIV_T1	0	0	0	0	0	0	-1.15	-1.16	0	0	0	0	0	0
10/16/2023 20:31	56802 BENV_T2	1	2	1	0.8	0.6	-0.2	-1.62	-1.64	0	0	0	0	0	0
10/16/2023 20:31	42802 SELI_T1	0	1	1	0	0.5	0.5	0	0	0	0	0	0	0	0
10/16/2023 20:32	62604 ENGL_T1	0	0	0	0	0	0	-1.63	-1.61	1	1	0	600	600	0
10/16/2023 20:32	40101 HUNT_T2	1	0	-1	0.2	0	-0.2	-0.58	-0.58	0	0	0	0	0	0
10/16/2023 20:32	42802 SELI_T1	0	1	1	0	0.5	0.5	0	0	0	0	0	0	0	0
10/16/2023 20:32	44601 SALE_T2	0	0	0	0	0	0	1.02	0.99	0	0	0	0	0	0
10/16/2023 20:32	58402 MORO_T1	0	0	0	0	0	0	-1.21	-0.3	2	1	-1	1500	600	-900
10/16/2023 20:32	26603 BROO_T1	0	0	0	0	0	0	0.27	0.26	0	0	0	0	0	0
10/16/2023 20:32	63305 GREE_T1	0	0	0	0	0	0	-1.12	-1.08	0	0	0	0	0	0
10/16/2023 20:32	67502 WEWI_T2	14	0	-14	0.12	0	-0.12	0	0	0	0	0	0	0	0
10/16/2023 20:32	60502 NMAN_T2	0	0	0	0	0	0	-0.41	-0.4	0	0	0	0	0	0
10/16/2023 20:32	65003 NEFF_T2	3	4	1	0.1	0.23	0.13	0	0	0	0	0	0	0	0
10/16/2023 20:32	46001 BERW_T1	0	0	0	0	0	0	0.83	0.83	0	0	0	0	0	0
10/16/2023 20:33	23901 EFMO_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/16/2023 20:33	43302 WATS_T2	1	4	3	0.1	0.18	0.08	0	0	0	0	0	0	0	0
10/16/2023 20:33	56802 BENV_T2	1	2	1	0.8	0.6	-0.2	-0.81	-0.82	0	0	0	0	0	0
10/16/2023 20:33	15001 BLMO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/16/2023 20:33	56603 HAMP_T1	61	110	49	0.17	0.33	0.16	0	0	0	0	0	0	0	0
10/16/2023 20:33	46602 LACR_T1	0	1	1	0	0.1	0.1	-0.09	-0.11	0	0	0	0	0	0
10/16/2023 20:34	15103 UPHA_T2	0	0	0	0	0	0	0.33	0.33	0	0	0	0	0	0
10/16/2023 20:34	20403 ASHF_T2	0	0	0	0	0	0	0.2	0.17	0	0	0	0	0	0
10/16/2023 20:34	54502 ENOL_T2	0	1	1	0	0.4	0.4	0	0	0	0	0	0	0	0
10/16/2023 20:34	62604 ENGL_T1	0	0	0	0	0	0	-1.63	-1.61	1	1	0	600	600	0
10/16/2023 20:34	58401 MORO_T1	0	0	0	0	0	0	-1.08	-1.09	1	1	0	600	600	0
10/16/2023 20:34	42201 SHEN_T2	0	0	0	0	0	0	0.45	0.43	0	0	0	0	0	0
10/16/2023 20:34	66505 SMAN_T2	3	3	0	0.6	1.33	0.73	0	0	0	0	0	0	0	0
10/16/2023 20:34	64802 MONE_T2	0	0	0	0	0	0	0.13	0.13	0	0	0	0	0	0
10/16/2023 20:35	58302 NOTT_T1	0	0	0	0	0	0	-0.51	-0.5	1	1	0	1200	1200	0
10/16/2023 20:35	46201 DANV_T2	0	3	3	0	0.13	0.13	0	0	0	0	0	0	0	0
10/16/2023 20:35	45702 LIND_T2	1	1	0	0.8	0.9	0.1	-0.55	-0.55	0	0	0	0	0	0
10/16/2023 20:35	14801 TREI_T2	1	2	1	0.1	0.25	0.15	0	0	0	0	0	0	0	0
10/16/2023 20:35	42201 SHEN_T2	0	0	0	0	0	0	0.45	0.43	0	0	0	0	0	0
10/16/2023 20:35	52401 GRPA_T2	0	1	1	0	0.3	0.3	0	0	0	0	0	0	0	0
10/16/2023 20:35	43304 WATS_T2	0	0	0	0	0	0	-0.26	-0.28	0	0	0	0	0	0
10/16/2023 20:35	53903 HALI_T2	2	2	0	1.2	1.3	0.1	-0.15	-0.15	0	0	0	0	0	0
10/16/2023 20:35	56801 BENV_T1	37	39	2	0.67	0.92	0.25	-0.82	-0.83	1	1	0	600	600	0
10/16/2023 20:35	61802 EELI_T2	0	4	4	0	0.1	0.1	0	0	0	0	0	0	0	0
10/16/2023 20:35	66505 SMAN_T2	3	3	0	0.6	1.33	0.73	-0.3	-0.18	2	2	0	1100	1100	0
10/16/2023 20:35	43402 BENT_T1	0	0	0	0	0	0	-0.94	-0.94	1	1	0	900	900	0
10/16/2023 20:35	56802 BENV_T2	1	2	1	0.8	0.6	-0.2	-0.81	-0.82	0	0	0	0	0	0
10/16/2023 20:36	44801 EDAN_T2	1	1	0	1.1	0.5	-0.6	0	0	0	0	0	0	0	0
10/16/2023 20:36	56801 BENV_T1	37	39	2	0.67	0.92	0.25	-1.64	-1.65	2	2	0	1200	1200	0
10/16/2023 20:36	54001 SDLE_T1	1	2	1	1	0.6	-0.4	0	0	0	0	0	0	0	0
10/16/2023 20:36	66703 STRA_T1	0	1	1	0	0.1	0.1	-0.42	-0.43	0	0	0	0	0	0
10/16/2023 20:36	65903 SAKR_T2	0	2	2	0	0.1	0.1	0	0	0	0	0	0	0	0
10/16/2023 20:36	58401 MORO_T1	0	0	0	0	0	0	-1.08	-1.09	1	1	0	600	600	0
10/16/2023 20:36	67201 TEHI_T1	0	0	0	0	0	0	-0.16	-0.04	1	1	0	900	900	0
10/16/2023 20:37	56803 BENV_T1	6	8	2	0.15	0.46	0.31	0	0	0	0	0	0	0	0
10/16/2023 20:37	56503 ROCK_T2	1	8	7	0.1	0.1	0	0	0	0	0	0	0	0	0
10/16/2023 20:37	56603 HAMP_T1	61	110	49	0.17	0.33	0.16	0	0	0	0	0	0	0	0
10/16/2023 20:38	67605 WARW_T1	6	22	16	0.22	0.4	0.18	-1.18	-1.19	0	0	0	0	0	0
10/16/2023 20:38	46302 ROHR_T1	4	4	0	1.43	1.88	0.45	0.16	0.16	0	0	0	0	0	0
10/16/2023 20:38	56803 BENV_T1	6	8	2	0.15	0.46	0.31	0	0	0	0	0	0	0	0
10/16/2023 20:39	58402 MORO_T1	0	0	0	0	0	0	-1.21	-0.3	2	1	-1	1500	600	-900
10/16/2023 20:40	54701 NEBL_T1	1	4	3	0.1	0.13	0.03	0	0	1	1	0	600	600	0
10/16/2023 20:41	56801 BENV_T1	37	39	2	0.67	0.92	0.25	-0.82	-0.83	1	1	0	600	600	0
10/16/2023 21:02	46801 HEPB_T2	3	3	0	0.47	0.6	0.13	0.52	0.51	0	0	0	0	0	0
10/16/2023 21:03	29402 BELT_T1	1	1	0	7.4	7.9	0.5	0	0	0	0	0	0	0	0
10/16/2023 21:04	43402 BENT_T1	0	0	0	0	0	0	-0.95	-0.95	1	1	0	900	900	0
10/16/2023 21:20	52502 PROG_T2	0	0	0	0	0	0	0.21	0.2	0	0	0	0	0	0
10/16/2023 21:22	52401 GRPA_T2	1	2	1	0.4	0.6	0.2	0	0	0	0	0	0	0	0
10/16/2023 21:34	56803 BENV_T1	6	8	2	0.25	0.53	0.28	0	0	0	0	0	0	0	0
10/16/2023 21:38	63305 GREE_T1	0	0	0	0	0	0	-1.21	-1.21	0	0	0	0	0	0
10/16/2023 21:48	65001 NEFF_T2	0	1	1	0	0.1	0.1	-0.87	-0.85	1	1	0	1200	1200	0
10/16/2023 22:47	63305 GREE_T1	0	0	0	0	0	0	-1.22	-1.22	0	0	0	0	0	0
10/16/2023 22:57	63305 GREE_T1	0	0	0	0	0	0	-1.22	-1.22	0	0	0	0	0	0
10/17/2023 0:28	29401 BELT_T1	0	0	0	0	0	0	0	0	2	2	0	1800	1800	0
10/17/2023 0:28	67502 WEWI_T2	0	0	0	0	0	0	-1.66	0	1	1	0	900	900	0
10/17/2023 0:28	52502 PROG_T2	0	0	0	0	0	0	0.16	0.15	0	0	0	0	0	0
10/17/2023 0:28	54501 ENOL_T2	0	0	0	0	0	0	0.05	0.05	0	1	1	0	600	600
10/17/2023 0:28	56503 ROCK_T2	158	182	24	0.18	0.24	0.06	0	0	0	0	0	0	0	0
10/17/2023 0:28	27502 WEIS_T2	0	0	0	0	0	0	-0.3	-0.29	0	0	0	0	0	0
10/17/2023 0:28	52404 GRPA_T2	0	1	1	0	0.4	0.4	0	0	0	0	0	0	0	0
10/17/2023 0:28	56801 BENV_T1	26	32	6	0.77	1.24	0.47	-0.92	-0.93	1	1	0	600	600	0
10/17/2023 0:28	28601 BLYT_T2	1	1	0	1.4	1.8	0.4	0	0	0	0	0	0	0	0
10/17/2023 0:28	62604 ENGL_T1	0	0	0	0	0	0	-1.77	-1.76	1	1	0	600	600	0
10/17/2023 0:28	40101 HUNT_T2	0	0	0	0	0	0	-0.61	-0.6	0	0	0	0	0	0
10/17/2023 0:28	41901 REED_T1	0	0	0	0	0	0	-1.54	-1.44	1	1	0	900	900	0
10/17/2023 0:28	59101 WALK_T2	1	1	0	0	0	0	1.18	1.25	0	0	0	0	0	0
10/17/2023 0:28	56603 HAMP_T1	35	0	-35	0.15	0	-0.15	0	0	0	0	0	0	0	0
10/17/2023 0:28	20403 ASHF_T2	0	0	0	0	0	0	0.01	0	0	0	0	0	0	0
10/17/2023 0:28	42802 SELI_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/17/2023 0:28	56802 BENV_T2	1	1	0	0.6	1	0.4	-3.02	-3.08	0	0	0	0	0	0
10/17/2023 0:28	54701 NEBL_T1	0	0	0	0	0	0	0	0	1	1	0	600	600	0
10/17/2023 0:29	54502 ENOL_T2	0	0	0	0	0	0	-1.4	-1.4	0	0	0	0	0	0
10/17/2023 5:07	65001 NEFF_T2	0	0	0	0	0	0	-1.02	-0.93	1	1	0	1200	1200	0
10/17/2023 5:40	63305 GREE_T1	0	0	0	0	0	0	-1.37	-1.37	0	0	0	0	0	0
10/17/2023 7:13	46203 DANV_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/17/2023 7:17	54701 NEBL_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/17/2023 7:24	46206 DANV_T2	0	1	1	0	0	0	0	0	0	0	0	0	0	0
10/17/2023 7:28	45802 HEGI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/17/2023 7:41	63305 GREE_T1	0	6	6	0	0.22	0.22	-2	-1.94	1	1	0	900	900	0
10/17/2023 7:59	45802 HEGI_T2	0	0	0	0	0	0	0.55	0.53	1	1	0	900	900	0
10/17/2023 8:12	46203 DANV_T2	0	0	0	0	0	0	-0.09	-0.09	0	0	0	0	0	0
10/17/2023 8:15	46801 HEPB_T2	2	2	0	0.65	0.8	0.15	0.55	0.55	0	0	0	0	0	0
10/17/2023 8:16	58402 MORO_T1	0	0	0	0	0	0	-1.27	-1.26	2	2	0	1500	1500	0
10/17/2023 8:19	58402 MORO_T1	0	0	0	0	0	0	-1.27	-1.26	2	2	0	1500	1500	0
10/17/2023 8:20	60305 TWVA_T2	0	0	0	0	0	0	-1.72	-1.72	2	2	0	2400	2400	0
10/17/2023 8:21	59101 WALK_T2	1	1	0	0	0	0	1.3	1.56	1	1	0	600	600	0
10/17/2023 8:23	64802 MONE_T2	9	80	71	0.13	0.29	0.16	0.27	0.05	0	0	0	0	0	0
10/17/2023 8:23	54701 NEBL_T1	0	5	5	0	0.26	0.26	0	0	1	1	0	600	600	0
10/17/2023 8:28	46203 DANV_T2	0	0	0	0	0	0	-0.09	-0.09	0	0	0	0	0	0
10/17/2023 8:38	45902 AUBU_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/17/2023 8:39	56802 BENV_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/17/2023 8:40	56802 BENV_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/17/2023 8:43	56802 BENV_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/17/2023 8:51	45901 AUBU_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/17/2023 8:54	43402 BENT_T1	0	0	0	0	0	0	-1.32	-1.34	2	2	0	1500	1500	0
10/17/2023 8:56	54505 ENOL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/17/2023 8:56	53601 DALM_T2	1	1	0	0.4	1	0.6	-0.13	-0.01	0	0	0	0	0	0
10/17/2023 9:00	26401 INOR_T1	1	67	66	0.1	0.33	0.23	0	0	0	0	0	0	0	0
10/17/2023 9:01	52004 LING_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/17/2023 9:04	65001 NEFF_T2	0	0	0	0	0	0	-0.41	-0.28	1	1	0	1200	1200	0
10/17/2023 9:05	59102 WALK_T2	0	3	3	0	0.13	0.13	0	0	0	0	0	0	0	0
10/17/2023 9:08	45902 AUBU_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/17/2023 9:09	26603 BROO_T1	0	0	0	0	0	0	0.3	0.3	0	0	0	0	0	0
10/17/2023 9:13	43402 BENT_T1	0	1	1	0	0	0	-1.34	-1.36	2	2	0	1500	1500	0
10/17/2023 9:16	40101 HUNT_T2	0	0	0	0	0	0	-0.17	-0.05	0	0	0	0	0	0
10/17/2023 9:18	13503 MCMI_T2	0	0	0	0	0	0	-0.01	-0.01	0	0	0	0	0	0
10/17/2023 9:24	54505 ENOL_T2	1	1	0	0.5	1.3	0.8	-1.32	-1.32	1	1	0	600	600	0
10/17/2023 9:25	54501 ENOL_T2	0	3	3	0	0.17	0.17	0	0	0	0	0	0	0	0
10/17/2023 9:25	54504 ENOL_T2	0	1	1	0	0.3	0.3	0	0	0	0	0	0	0	0
10/17/2023 9:25	67401 WAKE_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/17/2023 9:26	56603 HAMP_T1	0	112	112	0	0.37	0.37	0	0	0	0	0	0	0	0
10/17/2023 9:26	54504 ENOL_T2	0	1	1	0	0.3	0.3	0	0	0	0	0	0	0	0
10/17/2023 9:29	54504 ENOL_T2	0	1	1	0	0.3	0.3	0	0	0	0	0	0	0	0
10/17/2023 9:29	56603 HAMP_T1	0	112	112	0	0.37	0.37	0	0	0	0	0	0	0	0
10/17/2023 9:29	13704 SCHN_T2	6	6	0	0.22	0.45	0.23	-0.39	-0.39	0	0	0	0	0	0
10/17/2023 9:29	43402 BENT_T1	0	1	1	0	0	0	-1.36	-1.38	2	2	0	1500	1500	0
10/17/2023 9:31	52402 GRPA_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/17/2023 9:31	54505 ENOL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/17/2023 9:31	43202 MVIL_T2	0	0	0	0	0	0	-0.64	-0.64	0	0	0	0	0	0
10/17/2023 9:32	42201 SHEN_T2	0	0	0	0	0	0	-0.2	-0.2	1	1	0	600	600	0
10/17/2023 9:32	43202 MVIL_T2	0	0

Appendix C - Grid Benefits Achieved in Each Instance of Active Management

10/17/2023 10:00	20401 ASHF_T2	0	0	0	0	0	0	-0.31	-0.33	1	1	0	600	600	0
10/17/2023 10:00	52501 PROG_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/17/2023 10:00	46203 DANV_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/17/2023 10:00	56802 BENV_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/17/2023 10:00	64802 MONE_T2	1	47	46	0.2	0.27	0.07	0	0	0	0	0	0	0	0
10/17/2023 10:00	67502 WEWI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/17/2023 10:00	61303 EARL_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/17/2023 10:00	52401 GRPA_T2	1	1	0	0.4	0.1	-0.3	0	0	0	0	0	0	0	0
10/17/2023 10:00	43201 MVIL_T2	0	0	0	0	0	0	-1.23	-1.24	0	0	0	0	0	0
10/17/2023 10:00	45802 HEGI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/17/2023 10:00	56504 ROCK_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/17/2023 10:00	43402 BENT_T1	0	0	0	0	0	0	-1.4	-1.25	2	2	0	1500	1500	0
10/17/2023 10:00	40602 PIGR_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/17/2023 10:00	43304 WATS_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/17/2023 10:00	53501 EVIL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/17/2023 10:00	56603 HAMP_T1	80	100	20	0.23	0.26	0.03	0	0	0	0	0	0	0	0
10/17/2023 10:00	54505 ENOL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/17/2023 10:00	67401 WAKE_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/17/2023 10:00	40902 JESH_T1	0	0	0	0	0	0	-0.46	-0.51	2	2	0	1200	1200	0
10/17/2023 10:00	46801 HEPB_T2	2	2	0	0.75	0.65	-0.1	0.59	0.59	0	0	0	0	0	0
10/17/2023 10:00	46004 BERW_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/17/2023 10:00	54701 NEBL_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/17/2023 10:00	42902 MIDD_T2	0	1	1	0	0	0	0	0	0	0	0	0	0	0
10/17/2023 10:00	52503 PROG_T2	0	0	0	0	0	0	-0.72	-0.72	1	1	0	900	900	0
10/17/2023 10:01	40902 JESH_T1	0	0	0	0	0	0	-0.46	-0.51	2	2	0	1200	1200	0
10/17/2023 10:03	15604 NSTR_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/17/2023 10:04	64101 REFR_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/17/2023 10:07	26603 BROO_T1	0	1	1	0	0	0	0.3	0.3	0	0	0	0	0	0
10/17/2023 10:07	66505 SMAN_T2	0	0	0	0	0	0	0.03	0.36	2	2	0	1100	1100	0
10/17/2023 10:07	67203 TEHI_T1	0	0	0	0	0	0	2.38	2.48	2	2	0	1500	1500	0
10/17/2023 10:08	56802 BENV_T2	1	1	0	1.1	1.1	0	-0.74	-0.74	0	0	0	0	0	0
10/17/2023 10:08	15001 BLMO_T1	1	1	0	0.3	0.2	-0.1	0	0	0	0	0	0	0	0
10/17/2023 10:09	43304 WATS_T2	0	0	0	0	0	0	-0.55	-0.55	0	0	0	0	0	0
10/17/2023 10:09	10801 CHHI_T1	3	3	0	0.33	0.17	-0.16	-0.89	-0.94	1	1	0	900	900	0
10/17/2023 10:09	59102 WALK_T2	0	3	3	0	0.13	0.13	0	0	0	0	0	0	0	0
10/17/2023 10:09	20403 ASHF_T2	2	1	-1	0.1	0.6	0.5	0.09	0.09	0	0	0	0	0	0
10/17/2023 10:09	56802 BENV_T2	1	1	0	1.1	1.1	0	-0.74	-0.74	0	0	0	0	0	0
10/17/2023 10:09	46203 DANV_T2	0	0	0	0	0	0	-0.18	-0.18	0	0	0	0	0	0
10/17/2023 10:10	62605 ENGL_T1	11	17	6	0.25	0.25	0	0	0	0	0	0	0	0	0
10/17/2023 10:10	29402 BELT_T1	1	2	1	8.1	4.45	-3.65	0	0	0	0	0	0	0	0
10/17/2023 10:10	20403 ASHF_T2	2	1	-1	0.1	0.6	0.5	0.09	0.09	0	0	0	0	0	0
10/17/2023 10:10	45901 AUBU_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/17/2023 10:10	53601 DALM_T2	1	1	0	0.7	0.5	-0.2	-0.12	-0.11	0	0	0	0	0	0
10/17/2023 10:10	45901 AUBU_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/17/2023 10:11	62605 ENGL_T1	11	17	6	0.25	0.25	0	0	0	0	0	0	0	0	0
10/17/2023 10:11	44802 EDAN_T2	0	0	0	0	0	0	-2.2	-2.2	1	1	0	1200	1200	0
10/17/2023 10:11	54505 ENOL_T2	1	1	0	1	1.2	0.2	-2.65	-2.66	2	2	0	1200	1200	0
10/17/2023 10:11	53501 EVIL_T2	8	9	1	0.41	0.62	0.21	-0.74	-0.75	2	2	0	1500	1500	0
10/17/2023 10:11	60801 BUCK_T1	0	0	0	0	0	0	0.23	0.2	0	0	0	0	0	0
10/17/2023 10:11	56603 HAMP_T1	80	100	20	0.23	0.26	0.03	0	0	0	0	0	0	0	0
10/17/2023 10:11	56802 BENV_T2	1	1	0	1.1	1.1	0	-0.74	-0.74	0	0	0	0	0	0
10/17/2023 10:11	46801 HEPB_T2	2	2	0	0.75	0.65	-0.1	0.59	0.59	0	0	0	0	0	0
10/17/2023 10:12	44802 EDAN_T2	0	0	0	0	0	0	-4.4	-4.4	2	2	0	2400	2400	0
10/17/2023 10:12	53501 EVIL_T2	8	9	1	0.41	0.62	0.21	-0.74	-0.75	2	2	0	1500	1500	0
10/17/2023 10:12	62605 ENGL_T1	11	17	6	0.25	0.25	0	0	0	0	0	0	0	0	0
10/17/2023 10:13	56603 HAMP_T1	80	100	20	0.23	0.26	0.03	0	0	0	0	0	0	0	0
10/17/2023 10:13	28403 HART_T2	0	0	0	0	0	0	-0.74	-0.74	1	1	0	900	900	0
10/17/2023 10:13	62605 ENGL_T1	11	17	6	0.25	0.25	0	0	0	0	0	0	0	0	0
10/17/2023 10:13	54502 ENOL_T2	1	1	0	0.5	0.7	0.2	-1.4	-1.44	0	0	0	0	0	0
10/17/2023 10:14	21606 EYNO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/17/2023 10:14	17804 GILB_T2	0	1	1	0	0.9	0.9	-0.58	-0.58	0	0	0	0	0	0
10/17/2023 10:15	58403 MORO_T1	0	0	0	0	0	0	-1.15	-1.15	2	2	0	1500	1500	0
10/17/2023 10:15	53501 EVIL_T2	8	9	1	0.68	0.66	-0.02	-0.75	-0.78	2	2	0	1500	1500	0
10/17/2023 10:15	58401 MORO_T1	1	5	4	0.2	0.26	0.06	-0.87	-0.87	1	1	0	600	600	0
10/17/2023 10:15	23401 HONE_T2	0	0	0	0	0	0	-0.32	-0.26	0	0	0	0	0	0
10/17/2023 10:16	65005 NEFF_T2	1	1	0	0.2	0.2	0	0	0	0	0	0	0	0	0
10/17/2023 10:16	54701 NEBL_T1	0	0	0	0	0	0	0	0	1	1	0	600	600	0
10/17/2023 10:16	54202 PENN_T2	0	1	1	0	0.1	0.1	0.62	0.64	0	0	0	0	0	0
10/17/2023 10:17	58401 MORO_T1	1	5	4	0.2	0.26	0.06	0	0	0	0	0	0	0	0
10/17/2023 10:18	65604 QVIL_T2	0	0	0	0	0	0	0.31	0.31	0	0	0	0	0	0
10/17/2023 10:18	54701 NEBL_T1	0	0	0	0	0	0	0	0	1	1	0	600	600	0
10/17/2023 10:18	43202 MVIL_T2	0	0	0	0	0	0	-0.65	-0.65	0	0	0	0	0	0
10/17/2023 10:19	60501 NMAN_T2	3	3	0	5.23	5.1	-0.13	0	0	0	0	0	0	0	0
10/17/2023 10:19	56503 ROCK_T2	1	1	0	0.4	0.4	0	0	0	0	0	0	0	0	0
10/17/2023 10:19	43202 MVIL_T2	0	0	0	0	0	0	-0.65	-0.65	0	0	0	0	0	0
10/17/2023 10:20	58401 MORO_T1	1	5	4	0.2	0.26	0.06	0	0	0	0	0	0	0	0
10/17/2023 10:20	66504 SMAN_T2	0	0	0	0	0	0	-0.38	-0.34	0	0	0	0	0	0
10/17/2023 10:20	66701 STRA_T1	1	1	0	0.7	0.6	-0.1	0	0	0	0	0	0	0	0
10/17/2023 10:20	65601 QVIL_T2	1	0	-1	0.1	0	-0.1	0	0	0	0	0	0	0	0
10/17/2023 10:21	29401 BELT_T1	1	1	0	0.1	0.1	0	0	0	1	1	0	900	900	0
10/17/2023 10:21	15001 BLMO_T1	1	0	-1	0.2	0	-0.2	0	0	0	0	0	0	0	0
10/17/2023 10:22	45402 WILO_T2	1	1	0	0.6	1.4	0.8	0	0	0	0	0	0	0	0
10/17/2023 10:23	43402 BENT_T1	0	0	0	0	0	0	-1.25	-1.3	2	2	0	1500	1500	0
10/17/2023 10:23	15001 BLMO_T1	1	0	-1	0.2	0	-0.2	0	0	0	0	0	0	0	0
10/17/2023 10:24	56802 BENV_T2	1	1	0	1	1.2	0.2	-2.22	-2.21	0	0	0	0	0	0
10/17/2023 10:24	15001 BLMO_T1	1	0	-1	0.2	0	-0.2	0	0	0	0	0	0	0	0
10/17/2023 10:25	56801 BENV_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/17/2023 10:25	15001 BLMO_T1	1	0	-1	0.2	0	-0.2	0	0	0	0	0	0	0	0
10/17/2023 10:25	67201 TEHI_T1	0	0	0	0	0	0	0.86	0.89	1	1	0	900	900	0
10/17/2023 10:25	28604 BLYT_T2	0	0	0	0	0	0	-2.82	-2.82	0	0	0	0	0	0
10/17/2023 10:25	56802 BENV_T2	1	1	0	1	1.2	0.2	-2.22	-2.21	0	0	0	0	0	0
10/17/2023 10:26	54505 ENOL_T2	1	1	0	1	1.2	0.2	0	0	0	0	0	0	0	0
10/17/2023 10:26	13701 SCHN_T2	6	6	0	0.47	0.53	0.06	0	0	0	0	0	0	0	0
10/17/2023 10:27	17805 GILB_T2	0	1	1	0	0.4	0.4	-0.16	-0.15	0	0	0	0	0	0
10/17/2023 10:27	61801 EELI_T2	2	2	0	0.85	0.8	-0.05	-0.17	-0.17	0	0	0	0	0	0
10/17/2023 10:27	29401 BELT_T1	1	1	0	0.1	0.1	0	0	0	0	0	0	0	0	0
10/17/2023 10:28	54502 ENOL_T2	1	1	0	0.5	0.7	0.2	0	0	0	0	0	0	0	0
10/17/2023 10:28	46801 HEPB_T2	2	2	0	0.65	0.55	-0.1	0.59	0.61	0	0	0	0	0	0
10/17/2023 10:29	54501 ENOL_T2	0	0	0	0	0	0	0.11	0.11	0	0	0	0	0	0
10/17/2023 10:30	13701 SCHN_T2	6	7	1	0.53	0.21	-0.32	0	0	0	0	0	0	0	0
10/17/2023 10:30	17802 GILB_T1	0	0	0	0	0	0	0.01	0.02	0	0	0	0	0	0
10/17/2023 10:30	46803 HEPB_T2	0	0	0	0	0	0	0.43	0.42	0	0	0	0	0	0
10/17/2023 10:30	12701 MACU_T1	0	0	0	0	0	0	0.2	0.2	0	0	0	0	0	0
10/17/2023 10:31	13503 MCMI_T2	0	0	0	0	0	0	-0.01	-0.01	0	0	0	0	0	0
10/17/2023 10:31	58401 MORO_T1	5	2	-3	0.26	0.25	-0.01	-0.87	-0.87	1	1	0	600	600	0
10/17/2023 10:31	45802 HEGI_T2	0	2	2	0	0	0	0.43	0.49	1	1	0	900	900	0
10/17/2023 10:32	54502 ENOL_T2	1	1	0	0.7	0.7	0	0	0	0	0	0	0	0	0
10/17/2023 10:32	58401 MORO_T1	5	2	-3	0.26	0.25	-0.01	-0.87	-0.87	1	1	0	600	600	0
10/17/2023 10:32	67502 WEWI_T2	12	8	-4	0.27	0.34	0.07	-0.25	-0.23	0	0	0	0	0	0
10/17/2023 10:33	54202 PENN_T2	1	1	0	0.1	0.1	0	0	0	0	0	0	0	0	0
10/17/2023 10:34	67502 WEWI_T2	12	8	-4	0.27	0.34	0.07	-0.25	-0.23	0	0	0	0	0	0
10/17/2023 10:35	56503 ROCK_T2	1	1	0	0.4	0.4	0	0	0	0	0	0	0	0	0
10/17/2023 10:35	67502 WEWI_T2	12	8	-4	0.27	0.34	0.07	-0.51	-0.47	0	0	0	0	0	0
10/17/2023 10:37	29402 BELT_T1	2	6	4	4.45	1.78	-2.67	0	0	0	0	0	0	0	0
10/17/2023 10:37	67502 WEWI_T2	12	8	-4	0.27	0.34	0.07	-0.25	-0.23	0	0	0	0	0	0
10/17/2023 10:37	29401 BELT_T1	0	1	1	0	0.1	0.1	0	0	2	2	0	1800	1800	0
10/17/2023 10:41	54505 ENOL_T2	1	1	0	1.2	1.2	0	0	0	0	0	0	0	0	0
10/17/2023 10:43	66302 MCGD_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/17/2023 10:44	40101 HUNT_T2	0	0	0	0	0	0	-0.14	-0.15	0	0	0	0	0	0
10/17/2023 10:45	40101 HUNT_T2	0	0	0	0	0	0	-0.14	-0.15	0	0	0	0	0	0
10/17/2023 10:45	54502 ENOL_T2	1	1	0	0.7	0.6	-0.1	0	0	0	0	0	0	0	0
10/17/2023 10:46	41801 GOCI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/17/2023 10:46	42902 MIDD_T2	1	15	14	0.2	0.34	0.14	-0.87	-0.85	1	1	0	600	600	0
10/17/2023 10:46	52402 GRPA_T2	7	8	1	1.01	0.79	-0.22	0	0	0	0	0	0	0	0
10/17/2023 10:47	40101 HUNT_T2	0	0	0	0	0	0	-0.14	-0.15	0	0	0	0	0	0
10/17/2023 10:48	59302 MCAL_T1	0	0	0	0	0	0	0.2	0.24	1	1	0	600	600	0
10/17/2023 10:50	52401 GRPA_T2	1	1	0	0.1	0.5	0.4	0	0	0	0	0	0	0	0
10/17/2023 10:51	59101 WALK_T2	1	1	0	0	0.4	0	1.73	1.96	0	0	0	0	0	0
10/17/2023 10:52	56803 BENV_T1	1	3	2	0.1	0.47	0.37	0	0	0	0	0	0	0	0
10/17/2023 10:52	20401 ASHF_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/17/2023 10:53	56801 BENV_T1	25	28	3	0.7	0.71	0.01	-0.21	-0.21	0	0	0	0	0	0
10/17/2023 10:53	15001 BLMO_T1	0	3	3	0	0.2	0.2	0	0	0	0	0	0	0	0
10/17/2023 10:54	56803 BENV_T1	1	3	2	0.1	0.47	0.37	0	0	0	0	0	0	0	0
10/17/2023 10:54	56802 BENV_T2	1	1	0	1.2	1.1	-0.1	-1.47	-1.47	0	0	0	0	0	0
10/17/2023 10:55	10805 CHHI_T2	1	1	0	8.2	8.2	0	-0.84	-0.85	1	1	0	600	600	0
10/17/2023 10:55	56801 BENV_T1	25	28	3	0.7	0.71	0.01	-0.43	-0.43	0	0	0	0	0	0
10/17/2023 10:56	56801 BENV_T1	25	28	3	0.7	0.71	0.01	-0.21	-0.21	0	0	0	0	0	0
10/17/2023 10:57	13704 SCHN_T2	5	5	0	0.14	0.24	0.1	-0.38	-0.38	0	0	0	0	0	0
10/17/2023 10:57	56803 BENV_T1	1	3	2	0.1	0.47	0.37	0	0	0	0	0	0	0	0
10/17/2023 10:58	56801 BENV_T1	25	28	3	0.7	0.71	0.01	-0.21	-0.21	0	0	0	0	0	0
10/17/2023 11:00	42902 MIDD_T2	10	12	2	0.31	0.33	0.02	0	0	0	0	0	0	0	0
10/17/2023 11:01	53901 HAU_T2	1	1	0	0.1	0.2	0.1	0	0	0	0	0	0	0	0
10/17/2023 11:03	45702 LIND_T2	1	2	1	0.4	1.3	0.9	-0.46	-0.49	0	0	0	0	0	0
10/17/2023 11:03	67502 WEWI_T2	8	5	-3	0.34	0.4	0.06	0	0	0	0	0	0	0	0
10/17/2023 11:03	66501 SMAN_T2	2	2	0	0.25	0.25	0	0	0	0	0	0	0	0	0
10/17/2023 11:03	64101 REFR_T1	0	2	2	0	0.15	0.15	-0.16	-0.16	0	0	0	0	0	0
10/17/2023 11:04	42902 MIDD_T2	10	12	2	0.31	0.33	0.02	0	0	0	0	0	0	0	0
10/17/2023 11:05	45402 WILO_T2	1	1	0	0.5	1.2	0.7	-0.73	-0.73	0	0	0	0	0	0
10/17/2023 11:05	64101 REFR_T1	0	2	2	0	0.15	0.15	-0.33	-0.33	0	0	0	0	0	0
10/17/2023 11:06	64101 REFR_T1	0	2	2	0	0.15	0.15	-0.16	-0.16	0	0	0	0	0	0
10/17/2023 11:07	42201 SHEN_T2	0	0	0	0	0	0	-0.19	-0.19	1	1	0	600	600	0
10/17/2023 11:07	64101 REFR_T1	0	2	2	0	0.15	0.15	-0.33	-0.33	0	0	0	0	0	0
10/17/2023 11:08	67502 WEWI_T2	8	5	-3	0.34	0.4	0.06	0	0	0	0	0	0	0	0
10/17/2023 11:08	45902 AUBU_T1	0	0	0	0	0	0	0	0	1	1	0	600	600	0
10/17/2023 11:08	60305 TWVA_T2	0	0	0	0	0	0	-1.63	-1.72	2	2	0	2400	2400	0
10/17/2023 11:09	59102 WALK_T2	5	4	-1	0.18	0.43	0.25	0	0	0	0	0	0	0	0
10/17/2023 11:09	45902 AUBU_T1	0	0	0	0	0	0	0	0	1	1	0	600	600	0
10/17/2023 11:11	54502 ENOL_T2	1	1	0	0.6	0.7	0.1	0	0	0	0	0	0	0	0
10/17/2023 11:11	13704 SCHN_T2	5	5	0	0.24	0.28	0.04	-0.38	-0.38	0	0	0	0	0	0
10/17/2023 11:11	28604 BLYT_T2	0	0	0	0	0	0	-1.41	-1.4	0	0	0	0	0	0
10/17/2023 11:12	10805 CHHI_T2	1	1	0	8.3	8.2	-0.1	-0.85	-0.87	1	1	0	600	600	0
10/17/2023 11:13	41801 GOCI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/17/2023 11:14	54502 ENOL_T2	1	1	0	0.6	0.7	0.1	0	0	0	0	0	0	0	0
10/17/2023 11:15	54502 ENOL_T2	1	1	0	0.6	0.7	0.1	0	0	0	0	0	0	0	0
10/17/2023 11:15	42902 MIDD_T2	12	13	1	0.28	0.35	0.07	0	0	0	0	0	0	0	0
10/17/2023 11:16	54505 ENOL_T2	1	1	0	1	1.2	0.2	0	0	0	0	0	0	0	0
10/17/2023 11:16	42902 MIDD_T2	12	13	1	0.28	0.35	0.07	0	0	0	0	0	0	0	0
10/17/2023 11:16	52502 PROG_T2	0	0	0	0	0	0	-0.7	-0.7	1	1	0	900	900	0
10/17/2023 11:17	66703 STRA_T1	0	0	0	0	0	0	-0.09	-0.14	0	0	0	0	0	0
10/17/2023 11:17	13105 NHAM_T2	0	0	0	0	0	0	-0.34	-0.34	1	1	0	1200	1200	0
10/17/2023 11:18	41901 REED_T1	7	10	3	0.3	0.25	-0.05	0	0	0	0	0	0	0	0
10/17/2023 11:19	67001 STHI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/17/2023 11:20	67503 WEWI_T2	0	0	0	0	0	0	-0.47	-0.56	0	0	0	0	0	0
10/17/2023 11:20	67001 STHI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/17/2023 11:21	67402 WAKE_T2	1	3	2	0.1	0.1	0	0	0	0	0	0	0	0	0
10/17/2023 11:21	56503 ROCK_T2	1	1	0	0.4	0.4	0	0	0	0	0	0	0	0	0
10/17/2023 11:21	41902 REED_T1	0	0	0	0	0	0	1.04	1.04	0	0	0	0	0	0
10/17/2023 11:22	43402 BENT_T1	0	0	0	0	0	0	-1.19	-1.19	2	2	0	1500	1500	0
10/17/2023 11:22	49803 UNIV_T1	0	0	0	0	0	0	-1.04	0.25	0	0	0	0	0	0
10/17/2023 11:

10/17/2023 11:45	42001 MNVL_T2	4	4	0	0.53	0.48	-0.05	-0.02	-0.02	0	0	0	0	0	0
10/17/2023 11:45	54501 ENOL_T2	2	1	-1	0.1	0.1	0	0	0	0	0	0	0	0	0
10/17/2023 11:45	54501 ENOL_T2	2	1	-1	0.1	0.1	0	0	0	0	0	0	0	0	0
10/17/2023 11:46	58402 MORO_T1	0	0	0	0	0	0	-1.14	-1.13	2	2	0	1500	1500	0
10/17/2023 11:46	56603 HAMP_T1	109	111	2	0.32	0.31	-0.01	0	0	0	0	0	0	0	0
10/17/2023 11:46	54501 ENOL_T2	2	1	-1	0.1	0.1	0	0	0	0	0	0	0	0	0
10/17/2023 11:46	54501 ENOL_T2	2	1	-1	0.1	0.1	0	0	0	0	0	0	0	0	0
10/17/2023 11:47	65601 QVIL_T2	1	3	2	0.3	0.4	0.1	0	0	0	0	0	0	0	0
10/17/2023 11:47	39601 LNFD_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/17/2023 11:48	13105 NHAM_T2	0	0	0	0	0	0	-0.34	-0.34	1	1	0	1200	1200	0
10/17/2023 11:49	52401 GRPA_T2	7	5	-2	1.07	1.24	0.17	0	0	0	0	0	0	0	0
10/17/2023 11:49	42902 MIDD_T2	12	4	-8	0.29	0.25	-0.04	-0.93	-0.89	1	1	0	600	600	0
10/17/2023 11:49	58402 MORO_T1	0	0	0	0	0	0	-1.14	-1.13	2	2	0	1500	1500	0
10/17/2023 11:49	52401 GRPA_T2	2	2	0	0.4	0.5	0.1	-0.49	-0.49	0	0	0	0	0	0
10/17/2023 11:49	58402 MORO_T1	0	0	0	0	0	0	-1.14	-1.13	2	2	0	1500	1500	0
10/17/2023 11:50	58402 MORO_T1	0	0	0	0	0	0	-1.14	-1.13	2	2	0	1500	1500	0
10/17/2023 11:50	65601 QVIL_T2	1	3	2	0.3	0.4	0.1	0	0	0	0	0	0	0	0
10/17/2023 11:52	52403 GRPA_T2	5	1	-4	0.58	0	-0.58	0.13	0.02	0	0	0	0	0	0
10/17/2023 11:53	20401 ASHF_T2	0	13	13	0	0.23	0.23	0	0	0	0	0	0	0	0
10/17/2023 11:54	52403 GRPA_T2	5	1	-4	0.58	0	-0.58	0.13	0.02	0	0	0	0	0	0
10/17/2023 11:54	15103 UPHA_T2	1	0	-1	0.4	0	-0.4	0.35	0.35	0	0	0	0	0	0
10/17/2023 11:55	14802 TREI_T2	1	17	16	0.2	0.33	0.13	0	0	0	0	0	0	0	0
10/17/2023 11:55	42701 AUGU_T1	1	1	0	0.1	0.5	0.4	0	0	2	2	0	1800	1800	0
10/17/2023 11:56	62604 ENGL_T1	0	0	0	0	0	0	-2.81	-2.56	2	2	0	1200	1200	0
10/17/2023 11:56	46001 BERW_T1	0	0	0	0	0	0	1.05	1.04	0	0	0	0	0	0
10/17/2023 11:56	42701 AUGU_T1	1	1	0	0.1	0.5	0.4	0	0	2	2	0	1800	1800	0
10/17/2023 11:57	46001 BERW_T1	0	0	0	0	0	0	1.05	1.04	0	0	0	0	0	0
10/17/2023 11:57	62604 ENGL_T1	0	0	0	0	0	0	-2.81	-2.56	2	2	0	1200	1200	0
10/17/2023 11:58	62605 ENGL_T1	3	4	1	0.13	0.13	0	0	0	0	0	0	0	0	0
10/17/2023 12:00	42903 MIDD_T2	0	2	2	0	0.15	0.15	0	0	0	0	0	0	0	0
10/17/2023 12:03	44902 SCOT_T2	1	3	2	0.1	0.37	0.27	-0.92	-0.93	0	0	0	0	0	0
10/17/2023 12:03	65604 QVIL_T2	0	0	0	0	0	0	0.29	0.29	0	0	0	0	0	0
10/17/2023 12:04	13105 NHAM_T2	0	0	0	0	0	0	-0.34	-0.34	1	1	0	1200	1200	0
10/17/2023 12:04	52401 GRPA_T2	2	1	-1	0.5	0.4	-0.1	-0.49	-0.5	0	0	0	0	0	0
10/17/2023 12:05	52402 GRPA_T2	5	5	0	1.22	1.12	-0.1	0	0	0	0	0	0	0	0
10/17/2023 12:05	44901 SCOT_T2	0	0	0	0	0	0	0.2	0.34	0	0	0	0	0	0
10/17/2023 12:06	44902 SCOT_T2	1	3	2	0.1	0.37	0.27	0	0	0	0	0	0	0	0
10/17/2023 12:06	65604 QVIL_T2	0	0	0	0	0	0	0.29	0.29	0	0	0	0	0	0
10/17/2023 12:07	46004 BERW_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/17/2023 12:08	52403 GRPA_T2	0	2	2	0	0.6	0.6	0.02	0	0	0	0	0	0	0
10/17/2023 12:09	52403 GRPA_T2	0	2	2	0	0.6	0.6	0.02	0	0	0	0	0	0	0
10/17/2023 12:16	42002 MNVL_T2	1	1	0	3.5	3.4	-0.1	0	0	0	0	0	0	0	0
10/17/2023 12:16	42903 MIDD_T2	0	2	2	0	0.15	0.15	0	0	0	0	0	0	0	0
10/17/2023 12:19	44601 SALE_T2	0	0	0	0	0	0	1.07	0.26	2	1	-1	900	600	-300
10/17/2023 12:20	67002 STHI_T2	13	24	11	0.16	0.2	0.04	1.42	1.41	0	0	0	0	0	0
10/17/2023 12:21	67001 STHI_T2	204	339	135	0.12	0.13	0.01	0	0	0	0	0	0	0	0
10/17/2023 12:22	44601 SALE_T2	0	0	0	0	0	0	1.07	0.26	2	1	-1	900	600	-300
10/17/2023 12:22	67002 STHI_T2	13	24	11	0.16	0.2	0.04	0	0	0	0	0	0	0	0
10/17/2023 12:22	43402 BENT_T1	0	0	0	0	0	0	-1.33	-1.34	2	2	0	1500	1500	0
10/17/2023 12:23	67001 STHI_T2	204	339	135	0.12	0.13	0.01	0	0	0	0	0	0	0	0
10/17/2023 12:24	14801 TREI_T2	88	91	3	0.27	0.35	0.08	0	0	0	0	0	0	0	0
10/17/2023 12:25	56801 BENV_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/17/2023 12:29	43402 BENT_T1	0	0	0	0	0	0	-1.33	-1.34	2	2	0	1500	1500	0
10/17/2023 12:31	58401 MORO_T1	6	1	-5	0.42	0.1	-0.32	-2.66	-2.67	3	3	0	1800	1800	0
10/17/2023 12:31	58402 MORO_T1	0	0	0	0	0	0	-1.13	-1.13	2	2	0	1500	1500	0
10/17/2023 12:32	58402 MORO_T1	0	0	0	0	0	0	-1.13	-1.13	2	2	0	1500	1500	0
10/17/2023 12:32	58402 MORO_T1	0	0	0	0	0	0	-1.13	-1.13	2	2	0	1500	1500	0
10/17/2023 12:33	58402 MORO_T1	0	0	0	0	0	0	-1.13	-1.13	2	2	0	1500	1500	0
10/17/2023 12:34	58401 MORO_T1	6	1	-5	0.42	0.1	-0.32	-1.78	-1.78	2	2	0	1200	1200	0
10/17/2023 12:39	62605 ENGL_T1	9	22	13	0.19	0.26	0.07	0	0	0	0	0	0	0	0
10/17/2023 12:40	62604 ENGL_T1	0	0	0	0	0	0	-2.76	-2.84	2	2	0	1200	1200	0
10/17/2023 12:42	43402 BENT_T1	0	0	0	0	0	0	-1.34	-1.36	2	2	0	1500	1500	0
10/17/2023 12:43	62604 ENGL_T1	0	0	0	0	0	0	-1.38	-1.42	1	1	0	600	600	0
10/17/2023 12:45	62604 ENGL_T1	0	0	0	0	0	0	-1.42	-1.44	1	1	0	600	600	0
10/17/2023 12:50	46302 ROHR_T1	4	4	0	1.25	1.5	0.25	0	0	0	0	0	0	0	0
10/17/2023 12:55	62604 ENGL_T1	0	0	0	0	0	0	-4.27	-4.32	3	3	0	1800	1800	0
10/17/2023 12:56	62604 ENGL_T1	0	0	0	0	0	0	-1.42	-1.44	1	1	0	600	600	0
10/17/2023 12:59	62605 ENGL_T1	14	22	8	0.29	0.24	-0.05	0	0	0	0	0	0	0	0
10/17/2023 13:02	42802 SELI_T1	1	1	0	0.7	0.6	-0.1	0	0	1	1	0	900	900	0
10/17/2023 13:03	13302 ORVI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/17/2023 13:08	20401 ASHF_T2	69	69	0	0.2	0.18	-0.02	0	0	0	0	0	0	0	0
10/17/2023 13:09	46001 BERW_T1	0	0	0	0	0	0	1	1.01	0	0	0	0	0	0
10/17/2023 13:11	54505 ENOL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/17/2023 13:11	46001 BERW_T1	0	0	0	0	0	0	1	1.01	0	0	0	0	0	0
10/17/2023 13:18	46504 LOHA_T1	2	0	-2	0.75	0	-0.75	0	0	0	0	0	0	0	0
10/17/2023 13:18	13105 NHAM_T2	0	0	0	0	0	0	-0.33	-0.33	1	1	0	1200	1200	0
10/17/2023 13:22	44201 POIN_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/17/2023 13:23	56802 BENV_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/17/2023 13:24	56802 BENV_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/17/2023 13:25	62605 ENGL_T1	1	2	1	0.1	0.15	0.05	0	0	0	0	0	0	0	0
10/17/2023 13:25	20401 ASHF_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/17/2023 13:26	62604 ENGL_T1	0	0	0	0	0	0	-2.83	-2.94	2	2	0	1200	1200	0
10/17/2023 13:26	56802 BENV_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/17/2023 13:26	22901 HARW_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/17/2023 13:27	62605 ENGL_T1	1	2	1	0.1	0.15	0.05	0	0	0	0	0	0	0	0
10/17/2023 13:27	54505 ENOL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/17/2023 13:28	56802 BENV_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/17/2023 13:29	23301 JEFF_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/17/2023 13:29	28805 LAKE_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/17/2023 13:31	28801 LAKE_T1	113	184	71	0.14	0.16	0.02	0	0	0	0	0	0	0	0
10/17/2023 13:32	42802 SELI_T1	1	1	0	0.6	1.1	0.5	0	0	1	1	0	900	900	0
10/17/2023 13:32	52501 PROG_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/17/2023 13:33	42802 SELI_T1	1	1	0	0.6	1.1	0.5	0	0	1	1	0	900	900	0
10/17/2023 13:36	46004 BERW_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/17/2023 13:39	56802 BENV_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/17/2023 13:40	56802 BENV_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/17/2023 13:41	56802 BENV_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/17/2023 13:42	52501 PROG_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/17/2023 13:43	46803 HEPB_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/17/2023 13:43	54505 ENOL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/17/2023 13:43	53501 EVIL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/17/2023 13:43	56802 BENV_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/17/2023 13:43	63802 HEMP_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/17/2023 13:44	54505 ENOL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/17/2023 13:44	23301 JEFF_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/17/2023 13:47	40902 JESH_T1	0	0	0	0	0	0	-1.18	-1.09	4	4	0	2400	2400	0
10/17/2023 13:50	44901 SCOT_T2	0	0	0	0	0	0	0.09	0.12	0	0	0	0	0	0
10/17/2023 13:50	58402 MORO_T1	0	0	0	0	0	0	-1.11	-0.98	2	2	0	1500	1500	0
10/17/2023 13:51	44901 SCOT_T2	0	0	0	0	0	0	0.09	0.12	0	0	0	0	0	0
10/17/2023 13:55	52402 GRPA_T2	3	8	5	1.47	0.75	-0.72	0	0	0	0	0	0	0	0
10/17/2023 13:55	15103 UPHA_T2	2	1	-1	0.2	0	-0.2	0.33	0.33	0	0	0	0	0	0
10/17/2023 14:01	42001 MNVL_T2	0	8	8	0	0.15	0.15	-0.01	0	0	0	0	0	0	0
10/17/2023 14:01	58402 MORO_T1	0	0	0	0	0	0	-1.96	-2	4	4	0	3000	3000	0
10/17/2023 14:03	58402 MORO_T1	0	0	0	0	0	0	-0.98	-1	2	2	0	1500	1500	0
10/17/2023 14:05	59101 WALK_T2	1	1	0	0	0	0	1.97	2.13	0	0	0	0	0	0
10/17/2023 14:05	13105 NHAM_T2	0	0	0	0	0	0	-0.33	-0.33	1	1	0	1200	1200	0
10/17/2023 14:06	13302 ORVI_T2	1	1	0	0.1	0.2	0.1	0.99	0.98	0	0	0	0	0	0
10/17/2023 14:07	15001 BLMO_T1	0	4	4	0	0.28	0.28	0	0	0	0	0	0	0	0
10/17/2023 14:07	14802 TREI_T2	18	26	8	0.31	0.33	0.02	0	0	0	0	0	0	0	0
10/17/2023 14:07	46001 BERW_T1	0	0	0	0	0	0	1.09	0.27	0	0	0	0	0	0
10/17/2023 14:08	46001 BERW_T1	0	0	0	0	0	0	1.09	0.27	0	0	0	0	0	0
10/17/2023 14:08	15001 BLMO_T1	0	4	4	0	0.28	0.28	0	0	0	0	0	0	0	0
10/17/2023 14:09	15001 BLMO_T1	0	4	4	0	0.28	0.28	0	0	0	0	0	0	0	0
10/17/2023 14:09	52403 GRPA_T2	0	1	1	0	0.6	0.6	-0.02	0.03	0	0	0	0	0	0
10/17/2023 14:09	59101 WALK_T2	1	1	0	0	0	0	1.97	2.13	0	0	0	0	0	0
10/17/2023 14:10	62605 ENGL_T1	16	3	-13	0.21	0.13	-0.08	0	0	0	0	0	0	0	0
10/17/2023 14:10	42503 ALTA_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/17/2023 14:10	15001 BLMO_T1	0	4	4	0	0.28	0.28	0	0	0	0	0	0	0	0
10/17/2023 14:11	41801 GOCI_T2	0	2	2	0	0.25	0.25	0	0	0	0	0	0	0	0
10/17/2023 14:11	15001 BLMO_T1	0	4	4	0	0.28	0.28	0	0	0	0	0	0	0	0
10/17/2023 14:12	62605 ENGL_T1	16	3	-13	0.21	0.13	-0.08	0	0	0	0	0	0	0	0
10/17/2023 14:12	41801 GOCI_T2	0	2	2	0	0.25	0.25	0	0	0	0	0	0	0	0
10/17/2023 14:12	56603 HAMP_T1	64	101	37	0.18	0.3	0.12	0	0	0	0	0	0	0	0
10/17/2023 14:13	54502 ENOL_T2	1	1	0	0.7	0.7	0	-1.46	-1.44	0	0	0	0	0	0
10/17/2023 14:13	40902 JESH_T1	0	0	0	0	0	0	-0.54	-0.62	2	2	0	1200	1200	0
10/17/2023 14:14	62605 ENGL_T1	16	3	-13	0.21	0.13	-0.08	0	0	0	0	0	0	0	0
10/17/2023 14:14	56603 HAMP_T1	64	101	37	0.18	0.3	0.12	0	0	0	0	0	0	0	0
10/17/2023 14:15	54502 ENOL_T2	1	1	0	0.6	0.8	0.2	-1.44	-1.45	0	0	0	0	0	0
10/17/2023 14:15	54501 ENOL_T2	2	4	2	0.15	0.33	0.18	0.1	0.09	0	0	0	0	0	0
10/17/2023 14:16	41801 GOCI_T2	2	0	-2	0.25	0	-0.25	0	0	0	0	0	0	0	0
10/17/2023 14:16	58402 MORO_T1	0	1	1	0	0.1	0.1	0	0	0	0	0	0	0	0
10/17/2023 14:16	54502 ENOL_T2	1	1	0	0.6	0.8	0.2	0	0	0	0	0	0	0	0
10/17/2023 14:17	58402 MORO_T1	0	1	1	0	0.1	0.1	-2	-2.04	4	4	0	3000	3000	0
10/17/2023 14:17	43201 MVIL_T2	0	0	0	0	0	0	-0.29	-1.22	0	0	0	0	0	0
10/17/2023 14:18	42001 MNVL_T2	6	48	42	0.15	0.15	0	0	0	0	0	0	0	0	0
10/17/2023 14:18	58402 MORO_T1	0	1	1	0	0.1	0.1	-1	-1.02	2	2	0	1500	1500	0
10/17/2023 14:18	44201 POIN_T1	0	0	0	0	0	0	-2.46	-1.8	2	2	0	2100	2100	0
10/17/2023 14:19	14802 TREI_T2	22	25	3	0.33	0.31	-0.02	0.27	0.35	0	0	0	0	0	0
10/17/2023 14:19	67203 TEHI_T1	0	0	0	0	0	0	1.99	2.04	2	2	0	1500	1500	0
10/17/2023 14:19	65604 QVIL_T2	0	0	0	0	0	0	0.27	0.27	0	0	0	0	0	0
10/17/2023 14:19	65902 SAKR_T2	0	0	0	0	0	0	-0.09	-0.1	1	1	0	300	300	0
10/17/2023 14:19	43202 MVIL_T2	0	0	0	0	0	0	-0.68	-0.68	0	0	0	0	0	0
10/17/2023 14:20	43202 MVIL_T2	0	0	0	0	0	0	-0.68	-0.68	0	0	0	0	0	0
10/17/2023 14:20	65604 QVIL_T2	0	0	0	0	0	0	0.27	0.27	0	0	0	0	0	0
10/17/2023 14:20	14801 TREI_T2	93	100	7	0.35	0.42	0.07	0	0	0	0	0	0	0	0
10/17/2023 14:21	59101 WALK_T2	1	1	0	0	0	0	2.13	2.03	0	0	0	0	0	0
10/17/2023 14:21	67201 TEHI_T1	0	0	0	0	0	0	1.17	0.46	1	1	0	900	900	0
10/17/2023 14:21	66703 STRA_T1	0	0	0	0	0	0	-0.15	-0.15	0	0	0	0	0	0
10/17/2023 14:22	20401 ASHF_T2	28	62	34	0.19	0.19	0	0	0	0	0	0	0	0	0
10/17/2023 14:22	27503 WEIS_T2	3	13	10	0.13	0.12	-0.01	0	0	0	0	0	0	0	0
10/17/2023 14:23	14802 TREI_T2	22	25	3	0.33	0.31	-0.02	0	0	0	0	0	0	0	0
10/17/2023 14:23	46001 BERW_T1	0	0	0	0	0	0	0.54	2.55	0	0	0	0	0	0
10/17/2023 14:23	56801 BENV_T1	23	28	5	0.69	0.65	-0.04	-0.22	-0.22	0	0	0	0	0	0
10/17/2023 14:23	42701 AUGU_T1	1	0	-1	0.1	0	-0.1	0	0	2	2	0	1800	1800	0
10/17/2023 14:23	56802 BENV_T2	1	2	1	1.5	0.8	-0.7	-0.71	-0.71	0	0	0	0	0	0
10/17/2023 14:23	15001 BLMO_T1	4	2	-2	0.28	0.25	-0.03	0	0	0	0	0	0	0	0
10/17/2023 14:24	62604 ENGL_T1	0	0	0	0	0	0	-1.36	-1.42	1	1	0	600	600	0
10/17/2023 14:24	56802 BENV_T2	1	2	1	1.5	0.8	-0.7	-0.71	-0.71	0	0	0	0	0	0
10/17/2023 14:24	56801 BENV_T1	23	28	5	0.69	0.65	-0.04	-0.65	-0.65	0	0	0	0	0	0
10/17/2023 14:24	46001 BERW_T1	0	0	0	0	0	0	0.27	1.27	0	0	0	0	0	0
10/17/2023 14:24	15001 BLMO_T1	4	2	-2	0.28	0.25	-0.03	0	0	0	0	0	0	0	0
10/17/2023 14:24	20402 ASHF_T2	1	1	0	0.1	0.1	0	0	0	0	0	0	0	0	0
10/17/2023 14:24	59101 WALK_T2	1	1	0	0	0	0	2.13	2.03	0	0	0	0	0	0
10/17/2023 14:25	52402 GRPA_T2	6	8	2	0.8	0.7	-0.1	0	0	0	0	0	0	0	0
10/17/2023 14:25	62605 ENGL_T1	3	0	-3	0.13	0	-0.13	0	0	0	0	0	0	0	0
10/17/2023 14:25	20402 ASHF_T2	1	1	0	0.1	0.1	0	0	0	0	0	0	0	0	0
10/17/2023 14:25	56801 BENV_T1	23	28	5	0.69	0.65	-0.04	-0.87	-0.87	0	0	0	0	0	0
10/17/2023 14:25	46001 BERW_T1	0	0	0	0	0	0	0.27	1.27	0	0	0	0	0	0
10/17/2023 14:25	15001 BLMO_T1	4	2	-2	0.28	0.25	-0.03	0	0	0	0	0	0	0	0
10/17/2023 14:26	56801 BENV_T1	23	28	5	0.69	0.65

Appendix C - Grid Benefits Achieved in Each Instance of Active Management

10/17/2023 14:37	67201 TEHI_T1	0	0	0	0	0	0	0.46	0.32	1	1	0	900	900	0
10/17/2023 14:37	15001 BLMO_T1	2	0	-2	0.25	0	-0.25	0	0	0	0	0	0	0	0
10/17/2023 14:38	27503 WEIS_T2	13	1	-12	0.12	0.2	0.08	0	0	0	0	0	0	0	0
10/17/2023 14:38	41901 REED_T1	11	11	0	0.47	0.74	0.27	0	0	0	0	0	0	0	0
10/17/2023 14:38	42701 AUGU_T1	0	0	0	0	0	0	0	0	4	4	0	3600	3600	0
10/17/2023 14:38	15001 BLMO_T1	2	0	-2	0.25	0	-0.25	0	0	0	0	0	0	0	0
10/17/2023 14:39	20402 ASHF_T2	1	0	-1	0.1	0	-0.1	0	0	0	0	0	0	0	0
10/17/2023 14:39	59101 WALK_T2	1	1	0	0	0	0	2.03	1.94	0	0	0	0	0	0
10/17/2023 14:39	15001 BLMO_T1	2	0	-2	0.25	0	-0.25	0	0	0	0	0	0	0	0
10/17/2023 14:39	46001 BERW_T1	0	0	0	0	0	0	1.27	0.99	0	0	0	0	0	0
10/17/2023 14:40	62604 ENGL_T1	0	0	0	0	0	0	-1.42	-1.36	1	1	0	600	600	0
10/17/2023 14:40	64101 REFR_T1	0	2	2	0	0.15	0.15	-0.16	-0.16	0	0	0	0	0	0
10/17/2023 14:40	46001 BERW_T1	0	0	0	0	0	0	1.27	0.99	0	0	0	0	0	0
10/17/2023 14:40	15001 BLMO_T1	2	0	-2	0.25	0	-0.25	0	0	0	0	0	0	0	0
10/17/2023 14:41	62605 ENGL_T1	0	10	10	0	0.16	0.16	0	0	0	0	0	0	0	0
10/17/2023 14:41	15001 BLMO_T1	2	0	-2	0.25	0	-0.25	0	0	0	0	0	0	0	0
10/17/2023 14:41	53501 EVIL_T2	2	9	7	0.55	0.74	0.19	-0.03	-0.14	1	1	0	600	600	0
10/17/2023 14:41	54504 ENOL_T2	0	1	1	0	0.3	0.3	0	0	0	0	0	0	0	0
10/17/2023 14:42	20403 ASHF_T2	192	67	-125	0.36	0.31	-0.05	0.08	-0.04	0	0	0	0	0	0
10/17/2023 14:42	54503 ENOL_T2	0	0	0	0	0	0	-0.42	-0.42	1	1	0	600	600	0
10/17/2023 14:42	53501 EVIL_T2	2	9	7	0.55	0.74	0.19	-0.03	-0.14	1	1	0	600	600	0
10/17/2023 14:42	52401 GRPA_T2	2	2	0	0.4	0.35	-0.05	0	0	0	0	0	0	0	0
10/17/2023 14:42	56802 BENV_T2	2	1	-1	0.8	1.6	0.8	-0.71	-0.71	0	0	0	0	0	0
10/17/2023 14:43	56802 BENV_T2	2	1	-1	0.8	1.6	0.8	-3.56	-3.56	0	0	0	0	0	0
10/17/2023 14:43	54501 ENOL_T2	4	4	0	0.33	0.5	0.17	0.09	0.09	0	0	0	0	0	0
10/17/2023 14:43	54504 ENOL_T2	0	1	1	0	0.3	0.3	0	0	0	0	0	0	0	0
10/17/2023 14:44	53501 EVIL_T2	2	9	7	0.55	0.74	0.19	-0.14	-0.1	1	1	0	600	600	0
10/17/2023 14:44	54504 ENOL_T2	0	1	1	0	0.3	0.3	0	0	0	0	0	0	0	0
10/17/2023 14:44	54502 ENOL_T2	0	1	1	0.7	0.8	0.1	-1.45	-1.35	0	0	0	0	0	0
10/17/2023 14:44	63802 HEMP_T1	2	7	5	0.6	0.27	-0.33	-0.47	-0.47	0	0	0	0	0	0
10/17/2023 14:44	46801 HEPB_T2	13	19	6	0.29	0.29	0	0.62	0.62	0	0	0	0	0	0
10/17/2023 14:44	56603 HAMP_T1	101	211	110	0.3	0.35	0.05	0	0	0	0	0	0	0	0
10/17/2023 14:44	62604 ENGL_T1	0	0	0	0	0	0	-1.36	-1.42	1	1	0	600	600	0
10/17/2023 14:44	56802 BENV_T2	2	1	-1	0.8	1.6	0.8	-1.42	-1.42	0	0	0	0	0	0
10/17/2023 14:44	54502 ENOL_T2	1	1	0	0.7	0.8	0.1	-1.45	-1.35	0	0	0	0	0	0
10/17/2023 14:44	40902 JESH_T1	0	0	0	0	0	0	-0.6	-0.74	2	2	0	1200	1200	0
10/17/2023 14:45	54505 ENOL_T2	1	1	0	1.4	1.4	0	-2.75	-2.75	2	2	0	1200	1200	0
10/17/2023 14:45	54504 ENOL_T2	0	1	1	0	0.3	0.3	0	0	0	0	0	0	0	0
10/17/2023 14:45	62605 ENGL_T1	0	13	13	0	0.18	0.18	0	0	0	0	0	0	0	0
10/17/2023 14:45	63804 HEMP_T1	2	1	-1	2.95	5.7	2.75	0	0	0	0	0	0	0	0
10/17/2023 14:46	43202 MVIL_T2	0	0	0	0	0	0	-0.68	-0.68	0	0	0	0	0	0
10/17/2023 14:46	52401 GRPA_T2	1	2	1	0.4	0.55	0.15	0	0	0	0	0	0	0	0
10/17/2023 14:46	56603 HAMP_T1	167	174	7	0.4	0.37	-0.03	0	0	0	0	0	0	0	0
10/17/2023 14:47	41902 REED_T1	0	2	2	0	0.25	0.25	0	0	0	0	0	0	0	0
10/17/2023 14:47	46602 LACR_T1	0	0	0	0	0	0	-0.23	-0.2	0	0	0	0	0	0
10/17/2023 14:47	13105 NHAM_T2	0	0	0	0	0	0	-0.33	-0.33	1	1	0	1200	1200	0
10/17/2023 14:47	43202 MVIL_T2	0	0	0	0	0	0	-0.68	-0.68	0	0	0	0	0	0
10/17/2023 14:48	58401 MORO_T1	0	0	0	0	0	0	-0.9	-0.9	1	1	0	600	600	0
10/17/2023 14:48	42001 MNVL_T2	47	1	-46	0.14	0.2	0.06	0	0	0	0	0	0	0	0
10/17/2023 14:48	58402 MORO_T1	1	0	-1	0.1	0	-0.1	-2.08	-2.12	4	4	0	3000	3000	0
10/17/2023 14:48	54204 PENN_T2	1	1	0	0.2	0.2	0	0	0	0	0	0	0	0	0
10/17/2023 14:48	65005 NEFF_T2	1	1	0	0.4	0.8	0.4	0	0	0	0	0	0	0	0
10/17/2023 14:48	43201 MVIL_T2	0	0	0	0	0	0	-1.12	-1.17	0	0	0	0	0	0
10/17/2023 14:48	64802 MONE_T2	1	86	85	0.2	0.21	0.01	0	0	0	0	0	0	0	0
10/17/2023 14:49	44901 SCOT_T2	0	1	1	0	0.1	0.1	0.23	0.42	0	0	0	0	0	0
10/17/2023 14:50	58402 MORO_T1	1	0	-1	0.1	0	-0.1	-1.04	-1.06	2	2	0	1500	1500	0
10/17/2023 14:50	65604 QVIL_T2	0	0	0	0	0	0	0.27	0.26	0	0	0	0	0	0
10/17/2023 14:51	65604 QVIL_T2	0	0	0	0	0	0	0.27	0.26	0	0	0	0	0	0
10/17/2023 14:52	64802 MONE_T2	1	86	85	0.2	0.21	0.01	0	0	0	0	0	0	0	0
10/17/2023 14:53	44901 SCOT_T2	0	1	1	0	0.1	0.1	0.23	0.42	0	0	0	0	0	0
10/17/2023 14:54	56801 BENV_T1	23	24	1	0.7	0.72	0.02	-0.22	-0.22	0	0	0	0	0	0
10/17/2023 14:55	56801 BENV_T1	23	24	1	0.7	0.72	0.02	-0.22	-0.22	0	0	0	0	0	0
10/17/2023 14:56	56801 BENV_T1	23	24	1	0.7	0.72	0.02	-0.65	-0.65	0	0	0	0	0	0
10/17/2023 14:57	56801 BENV_T1	23	24	1	0.7	0.72	0.02	-0.22	-0.22	0	0	0	0	0	0
10/17/2023 14:57	56802 BENV_T2	1	1	0	1.4	1.6	0.2	-0.71	-0.71	0	0	0	0	0	0
10/17/2023 14:58	41801 GOCI_T2	0	1	1	0	0.2	0.2	0	0	0	0	0	0	0	0
10/17/2023 14:58	56801 BENV_T1	23	24	1	0.7	0.72	0.02	-0.22	-0.22	0	0	0	0	0	0
10/17/2023 14:58	54501 ENOL_T2	4	4	0	0.28	0.5	0.22	0.09	0.09	0	0	0	0	0	0
10/17/2023 14:58	54502 ENOL_T2	1	1	0	0.8	0.7	-0.1	0	0	0	0	0	0	0	0
10/17/2023 14:58	56802 BENV_T2	1	1	0	1.4	1.6	0.2	-2.13	-2.13	0	0	0	0	0	0
10/17/2023 14:59	54505 ENOL_T2	1	1	0	1.4	1.4	0	-1.38	-1.38	1	1	0	600	600	0
10/17/2023 14:59	56802 BENV_T2	1	1	0	1.4	1.6	0.2	-0.71	-0.71	0	0	0	0	0	0
10/17/2023 15:01	54504 ENOL_T2	1	0	-1	0.3	0	-0.3	0	0	0	0	0	0	0	0
10/17/2023 15:02	13704 SCHN_T2	7	6	-1	0.37	0.45	0.08	-0.37	-0.37	0	0	0	0	0	0
10/17/2023 15:02	54502 ENOL_T2	1	1	0	0.7	0.6	-0.1	0	0	0	0	0	0	0	0
10/17/2023 15:03	54206 PENN_T2	4	5	1	0.18	0.18	0	0	0	0	0	0	0	0	0
10/17/2023 15:04	54204 PENN_T2	1	1	0	0.2	0.2	0	0	0	0	1	0	0	0	0
10/17/2023 15:04	58402 MORO_T1	0	0	0	0	0	0	-1.06	-1.03	2	2	0	1500	1500	0
10/17/2023 15:05	54204 PENN_T2	1	1	0	0.2	0.2	0	0	0	0	0	0	0	0	0
10/17/2023 15:05	56501 ROCK_T2	10	8	-2	0.4	0.45	0.05	-0.39	-0.38	0	0	0	0	0	0
10/17/2023 15:06	42701 AUGU_T1	0	1	1	0	0.1	0.1	0	0	2	2	0	1800	1800	0
10/17/2023 15:07	54206 PENN_T2	4	5	1	0.18	0.18	0	0.01	0.01	0	0	0	0	0	0
10/17/2023 15:07	42701 AUGU_T1	0	1	1	0	0.1	0.1	0	0	2	2	0	1800	1800	0
10/17/2023 15:08	55105 WERT_T1	0	0	0	0	0	0	-0.66	-0.66	1	1	0	900	900	0
10/17/2023 15:09	59101 WALK_T2	1	1	0	0	0	0	2.1	2.07	0	0	0	0	0	0
10/17/2023 15:09	10602 BLGL_T2	0	0	0	0	0	0	0.79	0.19	0	0	0	0	0	0
10/17/2023 15:11	56802 BENV_T2	1	1	0	1.6	1.6	0	-0.71	-0.71	0	0	0	0	0	0
10/17/2023 15:13	56802 BENV_T2	1	1	0	1.6	1.6	0	-0.71	-0.71	0	0	0	0	0	0
10/17/2023 15:14	52004 LING_T2	1	3	2	0.3	0.77	0.47	0.31	0.31	0	0	0	0	0	0
10/17/2023 15:15	28805 LAKE_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/17/2023 15:16	28805 LAKE_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/17/2023 15:17	16402 MOPO_T1	0	0	0	0	0	0	0.74	0.68	0	0	0	0	0	0
10/17/2023 15:18	48302 ORWI_T2	2	2	0	0.85	1.25	0.4	0.02	0.07	0	0	0	0	0	0
10/17/2023 15:24	59101 WALK_T2	1	1	0	0	0	0	2.07	2.01	0	0	0	0	0	0
10/17/2023 15:29	45003 LIME_2	1	1	0	4.6	5	0.4	0	0	1	1	0	1200	1200	0
10/17/2023 15:30	45001 LIME_2	20	32	12	0.25	0.52	0.27	0	0	0	0	0	0	0	0
10/17/2023 15:31	45001 LIME_2	20	32	12	0.25	0.52	0.27	0	0	0	0	0	0	0	0
10/17/2023 15:39	59101 WALK_T2	1	1	0	0	0	0	2.01	1.75	0	0	0	0	0	0
10/17/2023 15:40	60801 BUCK_T1	11	19	8	0.14	0.14	0	0.11	0.09	0	0	0	0	0	0
10/17/2023 15:45	25402 LAHA_T2	0	0	0	0	0	0	-0.77	-0.78	0	0	0	0	0	0
10/17/2023 15:48	50506 MECH_T1	0	2	2	0	0.1	0.1	-0.05	0.2	0	0	0	0	0	0
10/17/2023 15:48	52402 GRPA_T2	18	12	-6	0.49	0.77	0.28	0	0	0	0	0	0	0	0
10/17/2023 16:06	43301 WATS_T2	1	1	0	1	1.3	0.3	0	0	0	0	0	0	0	0
10/17/2023 16:07	43301 WATS_T2	1	1	0	1	1.3	0.3	0	0	0	0	0	0	0	0
10/17/2023 16:09	59102 WALK_T2	0	2	2	0	0.15	0.15	0	0	0	0	0	0	0	0
10/17/2023 16:09	59202 THOM_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/17/2023 16:10	43301 WATS_T2	1	1	0	1	1.3	0.3	0	0	0	0	0	0	0	0
10/17/2023 16:10	65003 NEFF_T2	133	0	-133	0.24	0	-0.24	0	0	0	0	0	0	0	0
10/17/2023 16:23	14402 SSLA_T1	4	3	-1	0.18	0.4	0.22	0	0	0	0	0	0	0	0
10/17/2023 16:24	59102 WALK_T2	0	2	2	0	0.15	0.15	0	0	0	0	0	0	0	0
10/17/2023 16:24	14403 SSLA_T1	0	0	0	0	0	0	0.6	0.61	0	0	0	0	0	0
10/17/2023 16:35	26603 BROO_T1	0	0	0	0	0	0	0.29	0.29	0	0	0	0	0	0
10/17/2023 16:36	54206 PENN_T2	16	55	39	0.14	0.12	-0.02	0	0.01	0	0	0	0	0	0
10/17/2023 16:48	42201 SHEN_T2	1	3	2	0.1	0.23	0.13	-0.21	-0.22	1	1	0	600	600	0
10/17/2023 16:55	65001 NEFF_T2	0	0	0	0	0	0	-0.64	-0.58	1	1	0	1200	1200	0
10/17/2023 17:07	65802 RTWN_T2	0	0	0	0	0	0	0.32	0.32	0	0	0	0	0	0
10/17/2023 17:15	65001 NEFF_T2	0	0	0	0	0	0	-0.81	-0.81	1	1	0	1200	1200	0
10/17/2023 18:20	65001 NEFF_T2	16	0	-16	0.14	0	-0.14	-0.8	-0.87	1	1	0	1200	1200	0
10/17/2023 19:15	21301 JEFF_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/17/2023 19:18	26401 INOR_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/17/2023 19:19	56802 BENV_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/17/2023 19:20	15604 NSTR_T1	0	0	1	0	0	0	0	0	0	0	0	0	0	0
10/17/2023 19:21	20401 ASHF_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/17/2023 19:22	61303 EARL_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/17/2023 19:22	54206 PENN_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/17/2023 19:24	46803 HEPB_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/17/2023 19:24	54505 ENOL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/17/2023 19:26	56802 BENV_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/17/2023 19:26	46203 DANV_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/17/2023 19:26	42503 ALTA_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/17/2023 19:26	56504 ROCK_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/17/2023 19:26	67502 WEWI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/17/2023 19:27	46004 BERW_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/17/2023 19:27	54701 NEBL_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/17/2023 19:27	56802 BENV_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/17/2023 19:28	40602 PIGR_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/17/2023 19:28	22901 HARW_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/17/2023 19:28	21606 EYNO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/17/2023 19:29	43304 WATS_T2	0	1	1	0	0	0	0	0	0	0	0	0	0	0
10/17/2023 19:30	54505 ENOL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/17/2023 19:30	53501 EVIL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/17/2023 19:31	64101 REFR_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/17/2023 19:31	56802 BENV_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/17/2023 19:31	56801 BENV_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/17/2023 19:32	45802 HEGI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/17/2023 19:32	40602 PIGR_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/17/2023 19:32	53903 HALI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/17/2023 19:33	45402 WILO_T2	0	17	17	0	0.12	0.12	0	0	0	0	0	0	0	0
10/17/2023 19:33	46203 DANV_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/17/2023 19:33	45902 AUBU_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/17/2023 19:34	53501 EVIL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/17/2023 19:34	67401 WAKE_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/17/2023 19:35	44201 POIN_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/17/2023 19:36	66302 MCGO_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/17/2023 19:41	52501 PROG_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/17/2023 20:06	56802 BENV_T2	1	4	3	0.8	0.35	-0.45	-0.78	-0.78	0	0	0	0	0	0
10/17/2023 20:08	10602 BLGL_T2	0	0	0	0	0	0	0.1	0.06	0	0	0	0	0	0
10/17/2023 20:11	16402 MOPO_T1	0	0	0	0	0	0	0.77	0.77	0	0	0	0	0	0
10/17/2023 20:12	10801 CHHI_T1	0	0	0	0	0	0	-0.99	-1	1	1	0	900	900	0
10/17/2023 20:14	54202 PENN_T2	0	201	201	0	0.15	0.15	0.56	0.54	0	0	0	0	0	0
10/17/2023 20:15	14402 SSLA_T1	8	7	-1	0.11	0.11	0	0	0	0	0	0	0	0	0
10/17/2023 20:15	14802 TREI_T2	4	5	1	0.2	0.17	-0.03	0	0	0	0	0	0	0	0
10/17/2023 20:15	54505 ENOL_T2	1	1	0	1.2	1	-0.2	-1.37	-1.36	1	1	0	600	600	0
10/17/2023 20:15	17805 GILB_T2	0	0	0	0	0	0	0.17	0.14	0	0	0	0	0	0
10/17/2023 20:16	14801 TREI_T2	7	0	-7	0.16	0	-0.16	0	0	0	0	0	0	0	0
10/17/2023 20:16	39601 LNFD_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/17/2023 20:16	54501 ENOL_T2	0	0	0	0	0	0	0.09	0.1	0	0	0	0	0	0
10/17/2023 20:16	15001 BLMO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/17/2023 20:17	10805 CHHI_T2	1	1	0	7.4	7.4	0	-0.92	-0.88	0	0	0	0	0	0
10/17/2023 20:17	13704 SCHN_T2	0	3	3	0	0.1	0.1	-0.42	-0.43	0	0	0	0	0	0
10/17/2023 20:17	54701 NEBL_T1	5	3	-2	0.26	0.17	-0.09	0	0	1	1	0	600	600	0
10/17/2023 20:17	48302 ORWI_T2	2	2	0	1.1	1.2	0.1	-0.02	-0.03	0	0	0	0	0	0
10/17/2023 20:18	52402 GRPA_T2	4	23	19	1.28	0.45	-0.83	0	0	0	0	0	0	0	0
10/17/2023 20:18	44901 SCOT_T2	0	0	0	0	0	0	-0.18	-0.05	0	0	0	0	0	0
10/17/2023 20:18	58402 MORO_T1	0	0	0	0	0	0	-1.23	-1.28	2	2	0	1500	1500	0
10/17/2023 20:18	25402 LAHA_T2	0	0	0	0	0	0	-0.87	-0.88	0	0	0	0	0	0
10/17/2023 20:19	60305 TWVA_T2	0	0	0	0	0	0	-1.76	-1.72	2	2	0	2400	2400	0
10/17/2023 20:19	13503 MCMI_T2	0	0	0	0	0	0	0.03	0.01	0	0	0	0	0	0
10/17/2023 20:19	54206 PENN_T2	41	61	20	0.17	0.14	-0.03	0	0	0	0	0	0	0	0
10/17/2023 20:20	56801 BENV_T1	37	35	-2	0.79	0.83	0.04	-1.61	-1.58	2	2	0	1200	1200	0

10/17/2023 20:25	53501 EVIL_T2	0	1	1	0	0.1	0.1	-0.73	-0.76	1	1	0	600	600	0
10/17/2023 20:25	15001 BLMO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/17/2023 20:25	46801 HEPB_T2	4	2	-2	0.5	0.8	0.3	0.58	0.56	0	0	0	0	0	0
10/17/2023 20:25	45902 AUBU_T1	0	0	0	0	0	0	0	0	1	1	0	600	600	0
10/17/2023 20:25	56801 BENV_T1	37	35	-2	0.79	0.83	0.04	-0.81	-0.79	1	1	0	600	600	0
10/17/2023 20:25	67502 WEWI_T2	192	283	91	0.19	0.23	0.04	-1.53	-1.57	1	1	0	900	900	0
10/17/2023 20:25	28801 LAKE_T1	167	172	5	0.2	0.18	-0.02	0	0	0	0	0	0	0	0
10/17/2023 20:25	56802 BENV_T2	4	1	-3	0.35	1	0.65	-0.78	-0.8	0	0	0	0	0	0
10/17/2023 20:25	64101 REFR_T1	0	0	0	0	0	0	-0.18	-0.2	0	0	0	0	0	0
10/17/2023 20:26	62604 ENGL_T1	0	0	0	0	0	0	-3.08	-3.07	2	2	0	1200	1200	0
10/17/2023 20:26	15001 BLMO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/17/2023 20:26	56803 BENV_T1	4	8	4	0.38	0.25	-0.13	0	0	0	0	0	0	0	0
10/17/2023 20:26	66505 SMAN_T2	3	3	0	1.37	0.8	-0.57	-0.45	-0.18	2	1	-1	1100	900	-200
10/17/2023 20:26	42802 SELI_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/17/2023 20:26	28604 BLYT_T2	0	0	0	0	0	0	-1.36	-1.36	0	0	0	0	0	0
10/17/2023 20:26	44802 EDAN_T2	0	0	0	0	0	0	-0.98	-0.99	0	0	0	0	0	0
10/17/2023 20:26	53901 HALI_T2	31	2	-29	0.12	0.15	0.03	0	0	0	0	0	0	0	0
10/17/2023 20:26	46801 HEPB_T2	4	2	-2	0.5	0.8	0.3	0.58	0.56	0	0	0	0	0	0
10/17/2023 20:26	26603 BROO_T1	0	0	0	0	0	0	0.29	0.28	0	0	0	0	0	0
10/17/2023 20:26	46001 BERW_T1	0	0	0	0	0	0	0.81	0.81	0	0	0	0	0	0
10/17/2023 20:26	56802 BENV_T2	4	1	-3	0.35	1	0.65	-0.78	-0.8	0	0	0	0	0	0
10/17/2023 20:27	46803 HEPB_T2	1	0	-1	0.2	0	-0.2	0.39	0.41	0	0	0	0	0	0
10/17/2023 20:27	56803 BENV_T1	4	8	4	0.38	0.25	-0.13	0	0	0	0	0	0	0	0
10/17/2023 20:27	54204 PENN_T2	4	4	0	0.53	0.4	-0.13	0	0	0	0	0	0	0	0
10/17/2023 20:27	60803 BUCK_T1	13	11	-2	0.45	0.19	-0.26	0	0	0	0	0	0	0	0
10/17/2023 20:27	14802 TREI_T2	4	5	1	0.2	0.17	-0.03	0.31	0.31	0	0	0	0	0	0
10/17/2023 20:27	15001 BLMO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/17/2023 20:27	43202 MVIL_T2	0	0	0	0	0	0	-0.73	-0.73	0	0	0	0	0	0
10/17/2023 20:27	56603 HAMP_T1	1	0	-1	0.1	0	-0.1	0	0	0	0	0	0	0	0
10/17/2023 20:27	65604 QVIL_T2	0	1	1	0	0	0	0.27	0.25	0	0	0	0	0	0
10/17/2023 20:28	67502 WEWI_T2	192	283	91	0.19	0.23	0.04	-1.53	-1.57	1	1	0	900	900	0
10/17/2023 20:28	10805 CHHI_T2	1	1	0	7.4	7.4	0	-0.92	-0.88	0	0	0	0	0	0
10/17/2023 20:28	54502 ENOL_T2	1	1	0	0.2	0.2	0	0	0	0	0	0	0	0	0
10/17/2023 20:28	46602 LACR_T1	1	1	0	0.1	0.1	0	-0.17	-0.18	0	0	0	0	0	0
10/17/2023 20:29	20403 ASHF_T2	1	1	0	0.1	0	-0.1	0.22	0.15	0	0	0	0	0	0
10/17/2023 20:29	54505 ENOL_T2	1	1	0	1.2	1	-0.2	0	0	0	0	0	0	0	0
10/17/2023 20:29	45901 AUBU_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/17/2023 20:29	49803 UNIV_T1	0	0	0	0	0	0	0.16	0.15	0	0	0	0	0	0
10/17/2023 20:29	59101 WALK_T2	1	1	0	0	0	0	1.04	1.05	0	0	0	0	0	0
10/17/2023 20:29	58402 MORO_T1	0	0	0	0	0	0	-1.28	-0.34	2	1	-1	1500	600	-900
10/17/2023 20:29	43304 WATS_T2	0	0	0	0	0	0	-1.09	-1.17	0	0	0	0	0	0
10/17/2023 20:29	46203 DANV_T2	0	0	0	0	0	0	-0.2	-0.27	0	0	0	0	0	0
10/17/2023 20:29	42701 AUGU_T1	0	0	0	0	0	0	0	0	2	2	0	1800	1800	0
10/17/2023 20:29	58401 MORO_T1	0	0	0	0	0	0	-1.1	-1.1	1	1	0	600	600	0
10/17/2023 20:29	45003 LIME_2	1	1	0	4.1	4.5	0.4	0	0	1	1	0	1200	1200	0
10/17/2023 20:29	56802 BENV_T2	4	1	-3	0.35	1	0.65	-1.61	-1.59	0	0	0	0	0	0
10/17/2023 20:29	14403 SSLA_T1	2	0	-2	0.1	0	-0.1	0.64	0.63	0	0	0	0	0	0
10/17/2023 20:29	53601 DALM_T2	1	1	0	0.8	0.9	0.1	-0.17	-0.18	0	0	0	0	0	0
10/17/2023 20:29	56603 HAMP_T1	1	0	-1	0.1	0	-0.1	0	0	0	0	0	0	0	0
10/17/2023 20:30	65001 NEFF_T2	1	0	-1	0.1	0	-0.1	-0.83	-0.88	1	1	0	1200	1200	0
10/17/2023 20:30	67503 WEWI_T2	0	0	0	0	0	0	-0.37	-0.42	0	0	0	0	0	0
10/17/2023 20:30	67503 WEWI_T2	0	0	0	0	0	0	-0.37	-0.42	0	0	0	0	0	0
10/17/2023 20:30	62604 ENGL_T1	0	0	0	0	0	0	-1.54	-1.65	1	1	0	600	600	0
10/17/2023 20:30	44801 EDAN_T2	1	1	0	0.4	0.3	-0.1	0	0	0	0	0	0	0	0
10/17/2023 20:30	56501 ROCK_T2	2	14	12	0.5	0.21	-0.29	0	0	0	0	0	0	0	0
10/17/2023 20:30	66504 SMAN_T2	0	0	0	0	0	0	-0.55	-0.55	0	0	0	0	0	0
10/17/2023 20:30	45003 LIME_2	1	2	1	4.3	2.3	-2	0	0	1	1	0	1200	1200	0
10/17/2023 20:30	40902 JESH_T1	0	0	0	0	0	0	-0.69	-0.75	0	0	0	0	0	0
10/17/2023 20:30	45702 LIND_T2	1	1	0	0.8	1	0.2	-0.53	-0.53	0	0	0	0	0	0
10/17/2023 20:30	46001 BERW_T1	0	0	0	0	0	0	0.81	0.82	0	0	0	0	0	0
10/17/2023 20:30	67605 WARW_T1	0	8	8	0	0.24	0.24	-1.14	-1.19	0	0	0	0	0	0
10/17/2023 20:31	53501 EVIL_T2	0	2	2	0	0.2	0.2	-0.76	-0.79	1	1	0	600	600	0
10/17/2023 20:31	42701 AUGU_T1	0	0	0	0	0	0	0	0	2	2	0	1800	1800	0
10/17/2023 20:31	44802 EDAN_T2	0	0	0	0	0	0	-0.99	-0.99	0	0	0	0	0	0
10/17/2023 20:31	54502 ENOL_T2	0	1	1	0	0.4	0.4	-1.34	-1.22	0	0	0	0	0	0
10/17/2023 20:31	40902 JESH_T1	0	0	0	0	0	0	-0.69	-0.75	0	0	0	0	0	0
10/17/2023 20:31	28403 HART_T2	0	0	0	0	0	0	-0.64	-0.67	1	1	0	900	900	0
10/17/2023 20:31	67502 WEWI_T2	186	284	98	0.21	0.23	0.02	0	0	0	0	0	0	0	0
10/17/2023 20:32	56504 ROCK_T2	0	0	0	0	0	0	-0.36	-0.22	0	0	0	0	0	0
10/17/2023 20:32	54701 NEBL_T1	3	2	-1	0.17	0.1	-0.07	0	0	1	1	0	600	600	0
10/17/2023 20:32	67401 WAKE_T2	0	3	3	0	0.13	0.13	-0.9	-0.9	0	0	0	0	0	0
10/17/2023 20:32	40101 HUNT_T2	1	0	-1	0.2	0	-0.2	-0.54	-0.53	0	0	0	0	0	0
10/17/2023 20:32	42701 AUGU_T1	0	0	0	0	0	0	0	0	2	2	0	1800	1800	0
10/17/2023 20:32	56801 BENV_T1	34	35	1	0.75	0.88	0.13	-0.79	-0.81	1	1	0	600	600	0
10/17/2023 20:32	55105 WERT_T1	0	0	0	0	0	0	-0.75	-0.71	1	1	0	900	900	0
10/17/2023 20:32	62605 ENGL_T1	0	2	2	0	0.1	0.1	0	0	0	0	0	0	0	0
10/17/2023 20:32	64101 REFR_T1	0	0	0	0	0	0	-0.2	-0.19	0	0	0	0	0	0
10/17/2023 20:32	65802 RTWN_T2	0	0	0	0	0	0	0.32	0.36	0	0	0	0	0	0
10/17/2023 20:33	42802 SELI_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/17/2023 20:33	42201 SHEN_T2	0	0	0	0	0	0	0.42	0.43	0	0	0	0	0	0
10/17/2023 20:33	67502 WEWI_T2	186	284	98	0.21	0.23	0.02	0	0	0	0	0	0	0	0
10/17/2023 20:33	60803 BUCK_T1	10	8	-2	0.5	0.11	-0.39	-0.93	-0.92	1	1	0	600	600	0
10/17/2023 20:33	61801 EELI_T2	2	6	4	1.65	0.63	-1.02	-0.93	-0.93	1	1	0	600	600	0
10/17/2023 20:33	64802 MONE_T2	0	0	0	0	0	0	-0.01	-0.01	0	0	0	0	0	0
10/17/2023 20:34	66703 STRA_T1	1	1	0	0.3	0.3	0	-0.42	-0.39	0	0	0	0	0	0
10/17/2023 20:34	43301 WATS_T2	0	1	1	0	0.2	0.2	0	0	0	0	0	0	0	0
10/17/2023 20:34	45802 HEGI_T2	0	0	0	0	0	0	0.51	0.55	0	0	0	0	0	0
10/17/2023 20:34	66504 SMAN_T2	0	0	0	0	0	0	-0.55	-0.55	0	0	0	0	0	0
10/17/2023 20:34	42201 SHEN_T2	0	0	0	0	0	0	0.42	0.43	0	0	0	0	0	0
10/17/2023 20:34	53903 HALI_T2	2	2	0	1.1	1.5	0.4	-0.18	-0.19	0	0	0	0	0	0
10/17/2023 20:34	60801 BUCK_T1	33	32	-1	0.17	0.19	0.02	-0.21	-0.23	0	0	0	0	0	0
10/17/2023 20:35	41901 REED_T1	9	10	1	0.32	0.38	0.06	0	0	0	0	0	0	0	0
10/17/2023 20:35	64802 MONE_T2	0	0	0	0	0	0	-0.01	-0.01	0	0	0	0	0	0
10/17/2023 20:35	44801 EDAN_T2	1	1	0	0.4	0.3	-0.1	0	0	0	0	0	0	0	0
10/17/2023 20:35	64101 REFR_T1	0	0	0	0	0	0	-0.2	-0.19	0	0	0	0	0	0
10/17/2023 20:35	42701 AUGU_T1	0	0	0	0	0	0	0	0	2	2	0	1800	1800	0
10/17/2023 20:37	56802 BENV_T2	1	1	0	0.1	1.2	1.1	-0.8	-0.8	0	0	0	0	0	0
10/17/2023 20:37	65902 SAKR_T2	0	0	0	0	0	0	-0.07	-0.08	0	0	0	0	0	0
10/17/2023 20:37	41901 REED_T1	9	10	1	0.32	0.38	0.06	0	0	0	0	0	0	0	0
10/17/2023 20:37	62605 ENGL_T1	0	2	2	0	0.1	0.1	0	0	0	0	0	0	0	0
10/17/2023 20:38	52401 GRPA_T2	0	1	1	0	0.2	0.2	0	0	0	0	0	0	0	0
10/17/2023 20:38	43301 WATS_T2	0	1	1	0	0.2	0.2	0	0	0	0	0	0	0	0
10/17/2023 20:39	52404 GRPA_T2	1	1	0	0.3	0.6	0.3	0	0	0	0	0	0	0	0
10/17/2023 20:40	40101 HUNT_T2	1	0	-1	0.2	0	-0.2	-0.54	-0.53	0	0	0	0	0	0
10/17/2023 20:58	54202 PENN_T2	120	393	273	0.14	0.2	0.06	0.55	0.53	0	0	0	0	0	0
10/17/2023 21:00	64101 REFR_T1	0	0	0	0	0	0	-0.2	-0.2	0	0	0	0	0	0
10/17/2023 21:08	56802 BENV_T2	1	5	4	1.2	0.34	-0.86	-1.59	-1.61	0	0	0	0	0	0
10/18/2023 0:28	67201 TEHI_T1	0	0	0	0	0	0	0.15	0.17	0	0	0	0	0	0
10/18/2023 0:28	28805 LAKE_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/18/2023 0:28	13105 NHAM_T2	0	0	0	0	0	0	-0.42	-0.44	1	1	0	1200	1200	0
10/18/2023 0:28	15001 BLMO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/18/2023 0:28	29401 BELT_T1	0	0	0	0	0	0	0	0	3	3	0	2700	2700	0
10/18/2023 0:28	29402 BELT_T1	1	1	0	7.8	8	0.2	0	0	0	0	0	0	0	0
10/18/2023 0:28	43402 BENT_T1	0	0	0	0	0	0	-0.98	-1.59	2	2	0	1500	1500	0
10/18/2023 0:28	45003 LIME_2	2	2	0	2.4	2.6	0.2	0	0	1	1	0	1200	1200	0
10/18/2023 0:28	64101 REFR_T1	0	0	0	0	0	0	-0.01	-0.01	0	0	0	0	0	0
10/18/2023 0:28	54505 ENOL_T2	1	1	0	0.1	0.4	0.3	-1.39	-1.37	1	1	0	600	600	0
10/18/2023 0:28	40101 HUNT_T2	0	0	0	0	0	0	-0.57	-0.57	0	0	0	0	0	0
10/18/2023 0:28	56801 BENV_T1	24	27	3	0.65	1.04	0.39	-1.83	-1.84	2	2	0	1200	1200	0
10/18/2023 0:28	56802 BENV_T2	1	1	0	0.2	0.4	0.2	-2.77	-4.84	0	0	0	0	0	0
10/18/2023 0:28	67201 TEHI_T1	0	0	0	0	0	0	0.15	0.17	0	0	0	0	0	0
10/18/2023 0:28	52502 PROG_T2	0	0	0	0	0	0	-0.84	-0.8	1	1	0	900	900	0
10/18/2023 0:28	44901 SCOT_T2	0	0	0	0	0	0	-0.03	-0.03	0	0	0	0	0	0
10/18/2023 0:28	41902 REED_T1	0	0	0	0	0	0	0.82	0.81	0	0	0	0	0	0
10/18/2023 0:28	60501 NMAN_T2	3	3	0	5	5.2	0.2	0	0	0	0	0	0	0	0
10/18/2023 0:28	28602 BLYT_T2	0	1	1	0	0.1	0.1	0	0	0	0	0	0	0	0
10/18/2023 0:28	17802 GLB_T1	0	0	0	0	0	0	-0.03	-0.04	0	0	0	0	0	0
10/18/2023 0:28	54504 ENOL_T2	0	0	0	0	0	0	-2.32	-2.35	1	1	0	600	600	0
10/18/2023 0:28	54501 ENOL_T2	0	0	0	0	0	0	-1.18	-1.18	2	2	0	1200	1200	0
10/18/2023 0:28	45902 AUBU_T1	0	0	0	0	0	0	0	0	1	1	0	600	600	0
10/18/2023 0:28	44201 POIN_T1	0	0	0	0	0	0	-1.31	-1.3	1	1	0	900	900	0
10/18/2023 0:28	41902 REED_T1	0	0	0	0	0	0	0.82	0.81	0	0	0	0	0	0
10/18/2023 0:28	59302 MCAL_T1	1	1	0	1.8	2.1	0.3	0.26	0.22	0	0	0	0	0	0
10/18/2023 0:28	52401 GRPA_T2	0	0	0	0	0	0	-0.6	-0.59	0	0	0	0	0	0
10/18/2023 0:28	27502 WEIS_T2	0	0	0	0	0	0	-0.25	-0.25	0	0	0	0	0	0
10/18/2023 0:28	43201 MVIL_T2	0	0	0	0	0	0	-0.43	-0.42	0	0	0	0	0	0
10/18/2023 0:28	41801 GOCI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/18/2023 0:28	15103 UPHA_T2	0	0	0	0	0	0	0.23	0.25	0	0	0	0	0	0
10/18/2023 0:28	20403 ASHF_T2	0	0	0	0	0	0	0.04	0.09	0	0	0	0	0	0
10/18/2023 0:28	46001 BERW_T1	0	0	0	0	0	0	0.66	0.63	0	0	0	0	0	0
10/18/2023 0:28	56501 ROCK_T2	1	2	1	0.1	0.2	0.1	-0.88	-0.88	0	0	0	0	0	0
10/18/2023 0:28	17803 GLB_T2	7	0	-7	0.21	0	-0.21	0	0	0	0	0	0	0	0
10/18/2023 0:28	59202 THOM_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/18/2023 1:42	54503 ENOL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/18/2023 7:05	54701 NEBL_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/18/2023 7:09	46206 DANV_T2	4	2	-2	0.65	0.9	0.25	0	0	0	0	0	0	0	0
10/18/2023 7:21	54701 NEBL_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/18/2023 7:55	43402 BENT_T1	0	0	0	0	0	0	-0.93	-0.88	1	1	0	900	900	0
10/18/2023 7:57	45802 HEGI_T2	0	0	0	0	0	0	0.5	0.35	1	1	0	900	900	0
10/18/2023 8:00	54701 NEBL_T1	0	2	2	0	0.25	0.25	0	0	1	1	0	600	600	0
10/18/2023 8:00	44502 HAMI_T2	1	1	0	2.5	2.6	0.1	-0.8	-0.77	0	0	0	0	0	0
10/18/2023 8:10	45901 AUBU_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/18/2023 8:12	46206 DANV_T2	1	1	0	0.7	0	-0.7	0	0	0	0	0	0	0	0
10/18/2023 8:12	46801 HEPB_T2	2	2	0	0.8	0.8	0	0.56	0.55	0	0	0	0	0	0
10/18/2023 8:14	45802 HEGI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/18/2023 8:14	58402 MORO_T1	1	1	0	0.5	0	-0.5	-2.01	-1.92	3	3	0	2400	2400	0
10/18/2023 8:16	54701 NEBL_T1	2	5	3	0.2	0.2	0	0	0	1	1	0	600	600	0
10/18/2023 8:18	58402 MORO_T1	1	1	0	0.2	0	-0.2	-2.01	-1.92	3	3	0	2400	2400	0
10/18/2023 8:23	56802 BENV_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/18/2023 8:25	43402 BENT_T1	0	0	0	0	0	0	-0.91	-0.88	1	1	0	900	900	0
10/18/2023 8:29	43402 BENT_T1	0	0	0	0	0	0	-0.91	-0.88	1	1	0	900	900	0
10/18/2023 8:37	56802 BENV_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/18/2023 8:39	53601 DALM_T2	1	1	0	1	1.2	0.2	-0.28	-0.45	1	1	0	900	900	0
10/18/2023 8:40	65001 NEFF_T2	0	1	1	0	0	0	-0.23	-0.3	1	1	0	1200	1200	0
10/18/2023 8:41	56802 BENV_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/18/2023 8:51	65003 NEFF_T2	0	3	3	0	0.1	0.1	0	0	0	0	0	0	0	0
10/18/2023 9:11	45802 HEGI_T2	0	0	0	0	0	0	0.55	0.37	1	2	1	900	1200	300
10/18/2023 9:13	56603 HAMP_T1	0	28	28	0	0.13	0.13	0	0	0	0	0	0	0	0
10/18/2023 9:14	40101 HUNT_T2	1	2	1	0.8	1.1	0.3	-0.27	-0.24	0	0	0	0	0	0
10/18/2023 9:16	13503 MCMI_T2	0	0	0	0	0	0	-0.01	-0.01	0	0	0	0	0	0
10/18/2023 9:16	26603 BROO_T1	0	1	1	0	0	0	0.14	0.16	0	0	0	0	0	0
10/18/2023 9:25	43402 BENT_T1	0	1	1	0	0	0	-1.48	-1.49	2	2	0	1500	1500	0
10/18/2023 9:25	56802 BENV_T2	1	1	0	0.9	1.3	0.4	-0.73	-0.71	0	0	0	0	0	0
10/18/2023 9:26	28604 BLYT_T2	0	0	0	0	0	0	-1.39	-1.41	0	0	0	0	0	0
10/18/2023 9:26	56802 BENV_T2	1	1	0	0.9	1.3	0.4	-0.73	-0.71	0	0	0	0	0	0
10/18/2023 9:29	43402 BENT_T1	0	1	1	0	0	0	-1.48	-1.49	2	2	0	1500	1500	0
10/18/2023 9:30	43202 MVIL_T2	0	0	0	0	0	0	-0.64	-0.61	0	0	0	0	0	0
10/18/2023 9:32	58402 MORO_T1	0	0	0	0	0	0	-1.01	-1.03	2	2	0	1500	1500	0
10/18/2023 9:33	56503 ROCK_T2	43	104	61	0.15	0.17	0.02	0	0	0	0	0	0	0	0
10/18

10/18/2023 10:00	40602 PIGR_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/18/2023 10:00	46003 BERW_T2	1	1	0	2.7	0	-2.7	0	0	0	0	0	0	0	0
10/18/2023 10:00	54701 NEBL_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/18/2023 10:00	67401 WAKE_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/18/2023 10:00	54206 PENN_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/18/2023 10:00	22901 HARW_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/18/2023 10:00	43402 BENT_T1	0	0	0	0	0	-1.5	-0.88	2	1	-1	1500	900	-600	
10/18/2023 10:00	43201 MVIL_T2	0	0	0	0	0	-0.26	-0.3	0	0	0	0	0	0	
10/18/2023 10:00	52503 PROG_T2	0	0	0	0	0	-0.75	-0.74	1	1	0	900	900	0	
10/18/2023 10:00	41901 REED_T1	9	10	1	0.32	0.33	0.01	-1.39	-1.31	1	1	0	900	900	0
10/18/2023 10:00	42201 SHEN_T2	0	0	0	0	0	0	-0.36	-0.32	2	2	0	1200	1200	0
10/18/2023 10:00	54505 ENOL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/18/2023 10:00	23301 JEFF_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/18/2023 10:00	53501 EVIL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/18/2023 10:00	45802 HEGI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/18/2023 10:06	49804 UNIV_T1	1	1	0	0.1	0.7	0.6	0	0	0	0	0	0	0	0
10/18/2023 10:07	56801 BENV_T1	45	48	3	1.01	1.23	0.22	-0.84	-0.82	1	1	0	600	600	0
10/18/2023 10:07	60803 BUCK_T1	0	3	3	0	0.1	0.1	0	0	0	0	0	0	0	0
10/18/2023 10:07	56802 BENV_T2	1	7	6	1.3	0.34	-0.96	-1.38	-1.5	0	0	0	0	0	0
10/18/2023 10:08	56801 BENV_T1	45	48	3	1.01	1.23	0.22	-0.84	-0.82	1	1	0	600	600	0
10/18/2023 10:08	52401 GRPA_T2	1	1	0	0.4	0.4	0	0	0	0	0	0	0	0	0
10/18/2023 10:08	29402 BELT_T1	2	4	2	4.4	2.45	-1.95	0	0	0	0	0	0	0	0
10/18/2023 10:08	26603 BROO_T1	0	0	0	0	0	0	0.16	0.2	0	0	0	0	0	0
10/18/2023 10:08	46203 DANV_T2	0	0	0	0	0	0	-0.09	-0.09	0	0	0	0	0	0
10/18/2023 10:08	53601 DALM_T2	1	1	0	1.1	1.4	0.3	-0.44	-0.49	1	1	0	900	900	0
10/18/2023 10:08	56802 BENV_T2	1	7	6	1.3	0.34	-0.96	-2.07	-2.25	0	0	0	0	0	0
10/18/2023 10:08	20403 ASHF_T2	0	1	1	0	0.8	0.8	0.31	0.33	0	0	0	0	0	0
10/18/2023 10:09	53501 EVIL_T2	5	3	-2	0.38	0.27	-0.11	-0.44	-0.16	2	2	0	1200	1200	0
10/18/2023 10:09	56801 BENV_T1	45	48	3	1.01	1.23	0.22	-0.84	-0.82	1	1	0	600	600	0
10/18/2023 10:09	61303 EARL_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/18/2023 10:09	56802 BENV_T2	1	7	6	1.3	0.34	-0.96	-2.07	-2.25	0	0	0	0	0	0
10/18/2023 10:10	56803 BENV_T1	3	10	7	0.2	0.32	0.12	0	0	0	0	0	0	0	0
10/18/2023 10:10	62605 ENGL_T1	7	21	14	0.2	0.25	0.05	0	0	0	0	0	0	0	0
10/18/2023 10:10	10801 CHHI_T1	0	1	1	0	0.2	0.2	-0.95	-0.84	1	1	0	900	900	0
10/18/2023 10:10	29402 BELT_T1	2	4	2	4.4	2.45	-1.95	0	0	0	0	0	0	0	0
10/18/2023 10:10	56603 HAMP_T1	55	95	40	0.18	0.24	0.06	0	0	0	0	0	0	0	0
10/18/2023 10:10	56802 BENV_T2	1	7	6	1.3	0.34	-0.96	-0.75	-0.72	0	0	0	0	0	0
10/18/2023 10:10	21606 EYNO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/18/2023 10:10	20403 ASHF_T2	0	1	1	0	0.8	0.8	0.33	0.42	0	0	0	0	0	0
10/18/2023 10:11	56803 BENV_T1	3	10	7	0.2	0.32	0.12	0	0	0	0	0	0	0	0
10/18/2023 10:11	62604 ENGL_T1	0	0	0	0	0	0	-1.47	-1.51	1	1	0	600	600	0
10/18/2023 10:11	43402 BENT_T1	0	0	0	0	0	0	-0.88	-0.91	1	1	0	900	900	0
10/18/2023 10:11	46203 DANV_T2	0	0	0	0	0	0	-0.09	-0.11	0	0	0	0	0	0
10/18/2023 10:12	62604 ENGL_T1	0	0	0	0	0	0	-1.47	-1.51	1	1	0	600	600	0
10/18/2023 10:12	46801 HEPB_T2	2	2	0	0.75	0.75	0	0.55	0.58	0	0	0	0	0	0
10/18/2023 10:12	53501 EVIL_T2	5	3	-2	0.38	0.27	-0.11	-0.16	-0.43	2	2	0	1200	1200	0
10/18/2023 10:13	53501 EVIL_T2	5	3	-2	0.38	0.27	-0.11	-0.16	-0.43	2	2	0	1200	1200	0
10/18/2023 10:13	41801 GOCI_T2	2	2	0	0.25	0.5	0.25	0	0	0	0	0	0	0	0
10/18/2023 10:13	45802 HEGI_T2	0	0	0	0	0	0	0.4	0.34	2	1	-1	1200	900	-300
10/18/2023 10:13	62604 ENGL_T1	0	0	0	0	0	0	-1.47	-1.51	1	1	0	600	600	0
10/18/2023 10:13	52004 LING_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/18/2023 10:14	17804 GILB_T2	1	1	0	1	1.3	0.3	-0.57	-0.58	0	0	0	0	0	0
10/18/2023 10:14	62604 ENGL_T1	0	0	0	0	0	0	-1.47	-1.51	1	1	0	600	600	0
10/18/2023 10:14	56603 HAMP_T1	55	95	40	0.18	0.24	0.06	0	0	0	0	0	0	0	0
10/18/2023 10:15	58402 MORO_T1	0	0	0	0	0	0	-0.97	-1.04	2	2	0	1500	1500	0
10/18/2023 10:15	43202 MVIL_T2	0	0	0	0	0	0	-0.62	-0.62	0	0	0	0	0	0
10/18/2023 10:16	46801 HEPB_T2	2	2	0	0.75	0.8	0.05	0.55	0.58	0	0	0	0	0	0
10/18/2023 10:16	46803 HEPB_T2	0	0	0	0	0	0	0.43	0.42	0	0	0	0	0	0
10/18/2023 10:16	54701 NEBL_T1	2	6	4	0.15	0.4	0.25	0	0	1	1	0	600	600	0
10/18/2023 10:17	43202 MVIL_T2	0	0	0	0	0	0	-0.62	-0.62	0	0	0	0	0	0
10/18/2023 10:17	54701 NEBL_T1	2	6	4	0.15	0.4	0.25	0	0	1	1	0	600	600	0
10/18/2023 10:17	52402 GRPA_T2	5	7	2	1.06	0.93	-0.13	0	0	0	0	0	0	0	0
10/18/2023 10:18	58402 MORO_T1	0	0	0	0	0	0	-0.97	-1.04	2	2	0	1500	1500	0
10/18/2023 10:18	58402 MORO_T1	0	0	0	0	0	0	-0.97	-1.04	2	2	0	1500	1500	0
10/18/2023 10:18	51201 MTON_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/18/2023 10:19	66504 SMAN_T2	0	1	1	0	0.8	0.8	0	0	0	0	0	0	0	0
10/18/2023 10:19	54701 NEBL_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/18/2023 10:20	67001 STHI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/18/2023 10:20	56501 ROCK_T2	11	29	18	0.42	0.33	-0.09	-0.43	-0.44	0	0	0	0	0	0
10/18/2023 10:20	45402 WILO_T2	1	1	0	0.6	1.1	0.5	0	0	0	0	0	0	0	0
10/18/2023 10:21	13701 SCHN_T2	4	5	1	0.25	0.3	0.05	0	0	0	0	0	0	0	0
10/18/2023 10:21	67203 TEHI_T1	0	1	1	0	0	0	2.39	2.57	3	3	0	2400	2400	0
10/18/2023 10:21	56503 ROCK_T2	58	134	76	0.14	0.17	0.03	0	0	0	0	0	0	0	0
10/18/2023 10:21	67502 WEWI_T2	20	155	135	0.24	0.22	-0.02	-0.29	-0.3	0	0	0	0	0	0
10/18/2023 10:22	67001 STHI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/18/2023 10:22	15001 BLMO_T1	1	1	0	0.2	0.3	0.1	0	0	0	0	0	0	0	0
10/18/2023 10:22	67502 WEWI_T2	20	155	135	0.24	0.22	-0.02	-0.29	-0.3	0	0	0	0	0	0
10/18/2023 10:23	67203 TEHI_T1	0	1	1	0	0	0	0	0	0	0	0	0	0	0
10/18/2023 10:23	66502 SMAN_T2	1	4	3	0.3	0.23	-0.07	0	0	0	0	0	0	0	0
10/18/2023 10:23	67502 WEWI_T2	20	155	135	0.24	0.22	-0.02	-0.29	-0.3	0	0	0	0	0	0
10/18/2023 10:23	28604 BLYT_T2	1	0	-1	0.1	0	-0.1	-1.37	-1.4	0	0	0	0	0	0
10/18/2023 10:23	15001 BLMO_T1	1	1	0	0.2	0.3	0.1	0	0	0	0	0	0	0	0
10/18/2023 10:23	56801 BENV_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/18/2023 10:23	64802 MONE_T2	0	33	33	0	0.27	0.27	-0.01	-0.01	0	0	0	0	0	0
10/18/2023 10:23	54001 SDLE_T1	7	7	0	0.97	1.06	0.09	0	0	1	1	0	600	600	0
10/18/2023 10:24	64802 MONE_T2	0	33	33	0	0.27	0.27	-0.01	-0.01	0	0	0	0	0	0
10/18/2023 10:25	67503 WEWI_T2	0	0	0	0	0	0	-0.5	0.33	0	0	0	0	0	0
10/18/2023 10:25	28604 BLYT_T2	1	0	-1	0.1	0	-0.1	-1.4	-1.4	0	0	0	0	0	0
10/18/2023 10:25	15001 BLMO_T1	1	1	0	0.2	0.3	0.1	0	0	0	0	0	0	0	0
10/18/2023 10:26	45902 AUBU_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/18/2023 10:26	17805 GILB_T2	0	2	2	0	0.35	0.35	0.54	0.58	0	0	0	0	0	0
10/18/2023 10:27	15001 BLMO_T1	1	1	0	0.2	0.3	0.1	0	0	0	0	0	0	0	0
10/18/2023 10:27	28403 HART_T2	0	1	1	0	0	0	-0.82	-0.81	1	1	0	900	900	0
10/18/2023 10:28	17803 GILB_T1	2	3	1	0.5	0.57	0.07	0.06	0.07	0	0	0	0	0	0
10/18/2023 10:29	25402 LAHA_T2	0	0	0	0	0	0	-0.81	-0.8	0	0	0	0	0	0
10/18/2023 10:30	52402 GRPA_T2	5	10	5	1.14	0.82	-0.32	0	0	0	0	0	0	0	0
10/18/2023 10:30	40902 JESH_T1	0	0	0	0	0	0	-0.7	-0.69	2	2	0	1200	1200	0
10/18/2023 10:31	53903 HALI_T2	2	2	0	1.5	1.3	-0.2	-0.08	-0.09	0	0	0	0	0	0
10/18/2023 10:32	52501 PROG_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/18/2023 10:33	65604 QVIL_T2	0	0	0	0	0	0	0.35	0.33	0	0	0	0	0	0
10/18/2023 10:33	66903 SHIL_T2	2	4	2	0.15	0.23	0.08	0	0	0	0	0	0	0	0
10/18/2023 10:34	56501 ROCK_T2	10	30	20	0.51	0.34	-0.17	-0.88	-0.92	0	0	0	0	0	0
10/18/2023 10:34	65604 QVIL_T2	0	0	0	0	0	0	0.35	0.33	0	0	0	0	0	0
10/18/2023 10:35	56504 ROCK_T2	0	0	0	0	0	0	-0.31	-0.33	0	0	0	0	0	0
10/18/2023 10:35	56504 ROCK_T2	0	0	0	0	0	0	-0.31	-0.33	0	0	0	0	0	0
10/18/2023 10:36	54001 SDLE_T1	7	7	0	1.03	1.04	0.01	0	0	1	1	0	600	600	0
10/18/2023 10:36	29401 BELT_T1	0	3	3	0	0.17	0.17	0	0	2	2	0	1800	1800	0
10/18/2023 10:37	67401 WAKE_T2	1	2	1	0.1	0.3	0.2	-0.81	-0.77	0	0	0	0	0	0
10/18/2023 10:38	41301 WATS_T2	1	1	0	0.7	0.8	0.1	0	0	0	0	0	0	0	0
10/18/2023 10:38	67502 WEWI_T2	155	15	-140	0.22	0.33	0.11	-0.3	-0.29	0	0	0	0	0	0
10/18/2023 10:39	67502 WEWI_T2	155	15	-140	0.22	0.33	0.11	-0.3	-0.29	0	0	0	0	0	0
10/18/2023 10:41	29401 BELT_T1	0	3	3	0	0.17	0.17	0	0	0	0	0	0	0	0
10/18/2023 10:44	63802 HEMP_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/18/2023 10:45	58401 MORO_T1	0	4	4	0	0.15	0.15	0	0	0	0	0	0	0	0
10/18/2023 10:46	65004 NEFF_T2	1	1	0	0.2	0.2	0	0	0	0	0	0	0	0	0
10/18/2023 10:46	52403 GRPA_T2	5	8	3	0.16	0.43	0.27	0	0	0	0	0	0	0	0
10/18/2023 10:46	54505 ENOL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/18/2023 10:47	42802 SELI_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/18/2023 10:48	41901 REED_T1	9	10	1	0.26	0.39	0.13	0	0	0	0	0	0	0	0
10/18/2023 10:48	42802 SELI_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/18/2023 10:49	42802 SELI_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/18/2023 10:50	41902 REED_T1	0	0	0	0	0	0	1.06	1.01	0	0	0	0	0	0
10/18/2023 10:50	13103 NHAM_T2	0	1	1	0	0	0	0	0	0	0	0	0	0	0
10/18/2023 10:50	66501 SMAN_T2	2	2	0	0.7	0.65	-0.05	0	0	0	0	0	0	0	0
10/18/2023 10:50	66701 STRA_T1	1	1	0	0.9	1	0.1	0	0	0	0	0	0	0	0
10/18/2023 10:50	42802 SELI_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/18/2023 10:51	42802 SELI_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/18/2023 10:51	41902 REED_T1	0	0	0	0	0	0	1.06	1.01	0	0	0	0	0	0
10/18/2023 10:51	59101 WALK_T2	1	1	0	0	0	0	2.45	2.2	0	0	0	0	0	0
10/18/2023 10:52	42802 SELI_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/18/2023 10:53	59102 WALK_T2	0	3	3	0	0.13	0.13	0	0	0	0	0	0	0	0
10/18/2023 10:53	15001 BLMO_T1	0	3	3	0	0.2	0.2	0	0	0	0	0	0	0	0
10/18/2023 10:54	61803 EELI_T2	2	2	0	0.85	1.2	0.35	0	0	0	0	0	0	0	0
10/18/2023 10:54	59101 WALK_T2	1	1	0	0	0	0	4.9	4.4	0	0	0	0	0	0
10/18/2023 10:54	60801 BUCK_T1	12	16	4	0.2	0.21	0.01	0	0	0	0	0	0	0	0
10/18/2023 10:55	59102 WALK_T2	0	3	3	0	0.13	0.13	0	0	0	0	0	0	0	0
10/18/2023 10:55	54502 ENOL_T2	1	3	2	0.9	0.4	-0.5	0	0	0	0	0	0	0	0
10/18/2023 10:57	28403 HART_T2	0	0	0	0	0	0	-0.78	-0.8	1	1	0	900	900	0
10/18/2023 10:58	54504 ENOL_T2	0	1	1	0	0.3	0.3	0	0	0	0	0	0	0	0
10/18/2023 10:58	61801 EELI_T2	7	20	13	0.66	0.49	-0.17	-0.18	-0.06	0	0	0	0	0	0
10/18/2023 11:00	52403 GRPA_T2	5	6	1	0.36	0.38	0.02	0.05	0.13	0	0	0	0	0	0
10/18/2023 11:00	54502 ENOL_T2	1	3	2	0.8	0.4	-0.4	0	0	0	0	0	0	0	0
10/18/2023 11:00	52004 LING_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/18/2023 11:01	52401 GRPA_T2	1	2	1	0.8	0.4	-0.4	-0.63	-0.62	0	0	0	0	0	0
10/18/2023 11:01	45702 LIND_T2	1	32	31	1.1	0.21	-0.89	-0.35	-0.35	0	0	0	0	0	0
10/18/2023 11:01	58401 MORO_T1	0	5	5	0	0.3	0.3	-1.74	-1.7	2	2	0	1200	1200	0
10/18/2023 11:01	58402 MORO_T1	0	0	0	0	0	0	-0.81	-0.87	2	2	0	1500	1500	0
10/18/2023 11:02	42802 SELI_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/18/2023 11:03	54001 SDLE_T1	7	9	2	1.03	0.88	-0.15	0	0	1	0	-1	600	0	-600
10/18/2023 11:03	52401 GRPA_T2	1	2	1	0.8	0.4	-0.4	0	0	0	0	0	0	0	0
10/18/2023 11:04	42802 SELI_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/18/2023 11:04	67001 STHI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/18/2023 11:05	42802 SELI_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/18/2023 11:06	49804 UNIV_T1	1	1	0	0.8	0.4	-0.4	0	0	0	0	0	0	0	0
10/18/2023 11:06	13704 SCHN_T2	1	1	0	0.3	0.3	0	-0.32	-0.32	0	0	0	0	0	0
10/18/2023 11:06	52402 GRPA_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/18/2023 11:07	56801 BENV_T1	28	39	11	0.86	0.84	-0.02	-0.21	-0.22	0	0	0	0	0	0
10/18/2023 11:07	54001 SDLE_T1	7	9	2	1.03	0.88	-0.15	0	0	1	0	-1	600	0	-600
10/18/2023 11:08	54001 SDLE_T1	7	9	2	1.03	0.88	-0.15	0	0	0	0	0	0	0	0
10/18/2023 11:08	67001 STHI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/18/2023 11:08	56802 BENV_T2	9	19	10	0.33	0.28	-0.05	-0.73	-0.73	0	0	0	0	0	0
10/18/2023 11:09	56801 BENV_T1	28	39	11	0.86	0.84	-0.02	-0.84	-0.88	0	0	0	0	0	0
10/18/2023 11:09	45402 WILO_T2	1	1	0	1.2	1	-0.2	-0.79	-0.75	0	0	0	0	0	0
10/18/2023 11:09	61303 EARL_T1	0	0	0	0	0	0	0.57	0.63	0	0	0	0	0	0
10/18/2023 11:09	52402 GRPA_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/18/2023 11:10	43402 BENT_T1	0	0	0	0	0	0	-0.67	-1.33	1	2	1	900	1500	600
10/18/2023 11:10	61801 EELI_T2	16	18	2	0.46	0.54	0.08	-0.06	-0.1	0	0	0	0	0	0
10/18/2023 11:10	67502 WEWI_T2	8	48	40	0.4	0.24	-0.16	0	0	0	0	0	0	0	0
10/18/2023 11:10	10805 CHHI_T2	1	3	2	8.1	7.9	-0.2	-2.26	-2.1	4	4	0	3600	3600	0
10/18/2023 11:10	56803 BENV_T1	1	2	1	0.2	0.15	-0.05	0	0	0	0	0	0	0	0
10/18/2023 11:10	56802 BENV_T2	9	19	10	0.33	0.28	-0.05	-1.46	-1.44	0	0	0	0	0	0
10/18/2023 11:11	61801 EELI_T2	16	18	2	0.46	0.54	0.08	-0.06	-0.1	0	0	0	0	0	0
10/18/2023 11:12	56803 BENV_T1	1	2	1	0.2	0.15	-0.05	0	0	0	0	0	0	0	0
10/18/2023 11:12	54505 ENOL_T2	1	1	0	1.2	1.3	0.1	0	0	0	0	0	0	0	0
10/18/2023 11:12	39601 LNFD_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/18/2023 11:12	51604 DUKE_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/18/2023 11:13	65002 NEFF_T2	0	1	1	0	0	0	0	0	0	0	0	0	0	0
10/18/2023 11:13	61303 EARL_T1	0	0	0	0	0	0	0.63	0.66	0	0	0	0	0	0
10/18/2023 11:15	64301 LINC_T1	0	0	0	0	0	0	-0.01	0.17	1	1	0	600	600	0
10/18/2023 11:16	52004 LING_T2

Appendix C - Grid Benefits Achieved in Each Instance of Active Management

10/18/2023 11:34	42802 SELI_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
10/18/2023 11:34	54001 SDLE_T1	8	9	1	0.94	1	0.06	0	0	0	0	0	0	0
10/18/2023 11:34	43301 WATS_T2	1	1	0	0.7	0.9	0.2	0	0	0	0	0	0	0
10/18/2023 11:35	52402 GRPA_T2	9	25	16	0.78	0.54	-0.24	0	0	0	0	0	0	0
10/18/2023 11:35	43301 WATS_T2	1	1	0	0.7	0.9	0.2	0	0	0	0	0	0	0
10/18/2023 11:35	54001 SDLE_T1	8	9	1	0.94	1	0.06	0	0	0	0	0	0	0
10/18/2023 11:35	42802 SELI_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
10/18/2023 11:36	54001 SDLE_T1	8	9	1	0.94	1	0.06	0	0	0	0	0	0	0
10/18/2023 11:36	52402 GRPA_T2	9	25	16	0.78	0.54	-0.24	0	0	0	0	0	0	0
10/18/2023 11:36	52502 PROG_T2	1	2	1	0.4	0.25	-0.15	-0.75	-0.79	1	1	0	900	900
10/18/2023 11:36	16302 ALPA_T2	1	2	1	0.4	0.25	0.15	0.71	0.71	0	0	0	0	0
10/18/2023 11:36	65604 QVIL_T2	0	0	0	0	0	0	0.32	0.3	0	0	0	0	0
10/18/2023 11:37	43304 WATS_T2	0	0	0	0	0	0	-2.09	-1.99	0	0	0	0	0
10/18/2023 11:37	43304 WATS_T2	0	0	0	0	0	0	-2.09	-1.99	0	0	0	0	0
10/18/2023 11:37	16302 ALPA_T2	1	2	1	0.4	0.25	0.15	1.42	1.42	0	0	0	0	0
10/18/2023 11:37	42802 SELI_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
10/18/2023 11:38	44601 SALE_T2	0	0	0	0	0	0	-0.22	0.3	1	1	0	600	600
10/18/2023 11:38	16302 ALPA_T2	1	2	1	0.4	0.25	0.15	0.71	0.71	0	0	0	0	0
10/18/2023 11:42	54505 ENOL_T2	1	1	0	1.2	1.3	0.1	-1.38	-1.37	1	1	0	600	600
10/18/2023 11:42	63804 HEMP_T1	2	2	0	2.95	2.95	0	0	0	0	0	0	0	0
10/18/2023 11:42	54503 ENOL_T2	0	1	1	0	0.4	0.4	0	0	0	0	0	0	0
10/18/2023 11:43	54505 ENOL_T2	1	1	0	1.2	1.3	0.1	-1.38	-1.37	1	1	0	600	600
10/18/2023 11:43	42401 GIMA_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
10/18/2023 11:43	54505 ENOL_T2	1	1	0	1.2	1.3	0.1	-1.38	-1.37	1	1	0	600	600
10/18/2023 11:43	26603 BROD_T1	0	0	-1	0.2	0	-0.2	0.19	0.19	0	0	0	0	0
10/18/2023 11:43	54501 ENOL_T2	2	4	2	0.2	0.2	0	0.09	0.08	0	0	0	0	0
10/18/2023 11:43	45802 HEGI_T2	0	0	0	0	0	0	0.37	0.26	1	1	0	900	900
10/18/2023 11:44	59302 MCAL_T1	0	4	4	0	0.25	0.25	-0.05	-0.05	1	1	0	600	600
10/18/2023 11:44	54505 ENOL_T2	1	1	0	1.2	1.3	0.1	0	0	0	0	0	0	0
10/18/2023 11:44	56603 HAMP_T1	101	77	-24	0.26	0.22	-0.04	0	0	0	0	0	0	0
10/18/2023 11:45	54503 ENOL_T2	0	1	1	0	0.4	0.4	-0.43	-0.41	1	1	0	600	600
10/18/2023 11:45	63803 HEMP_T1	10	8	-2	0.32	0.39	0.07	0	0	0	0	0	0	0
10/18/2023 11:45	54505 ENOL_T2	1	1	0	1.3	1.3	0	-1.38	-1.37	1	1	0	600	600
10/18/2023 11:45	54502 ENOL_T2	1	4	3	0.8	0.43	-0.37	-1.38	-1.42	0	0	0	0	0
10/18/2023 11:45	56603 HAMP_T1	69	108	39	0.21	0.27	0.06	0	0	0	0	0	0	0
10/18/2023 11:46	54502 ENOL_T2	1	4	3	0.8	0.43	-0.37	0	0	0	0	0	0	0
10/18/2023 11:46	40101 HUNT_T2	0	1	1	0	0.2	0.2	-0.24	-0.26	0	0	0	0	0
10/18/2023 11:46	54501 ENOL_T2	4	4	0	0.2	0.15	-0.05	0.09	0.08	0	0	0	0	0
10/18/2023 11:46	56603 HAMP_T1	69	108	39	0.21	0.27	0.06	0	0	0	0	0	0	0
10/18/2023 11:46	58401 MORO_T1	5	6	1	0.32	0.13	-0.19	-0.86	-0.86	1	1	0	600	600
10/18/2023 11:47	58401 MORO_T1	5	6	1	0.32	0.13	-0.19	-0.86	-0.86	1	1	0	600	600
10/18/2023 11:47	42802 SELI_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
10/18/2023 11:47	40101 HUNT_T2	0	1	1	0	0.2	0.2	-0.24	-0.26	0	0	0	0	0
10/18/2023 11:47	25402 LAHA_T2	0	0	0	0	0	0	-0.78	-0.8	0	0	0	0	0
10/18/2023 11:48	52402 GRPA_T2	25	18	-7	0.49	0.59	0.1	0	0	0	0	0	0	0
10/18/2023 11:48	13105 NHAM_T2	0	1	1	0	0	0	-0.32	-0.29	1	1	0	1200	1200
10/18/2023 11:48	58401 MORO_T1	5	6	1	0.32	0.13	-0.19	-1.72	-1.72	2	2	0	1200	1200
10/18/2023 11:48	42802 SELI_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
10/18/2023 11:48	58401 MORO_T1	5	6	1	0.32	0.13	-0.19	-1.72	-1.72	2	2	0	1200	1200
10/18/2023 11:49	42802 SELI_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
10/18/2023 11:49	52402 GRPA_T2	25	18	-7	0.49	0.59	0.1	0	0	0	0	0	0	0
10/18/2023 11:49	65604 QVIL_T2	0	0	0	0	0	0	0.3	0.3	0	0	0	0	0
10/18/2023 11:49	44901 SCOT_T2	0	0	0	0	0	0	0.19	0.18	0	0	0	0	0
10/18/2023 11:49	58401 MORO_T1	5	6	1	0.32	0.13	-0.19	-0.86	-0.86	1	1	0	600	600
10/18/2023 11:50	58402 MORO_T1	0	0	0	0	0	0	-0.96	-0.97	2	2	0	1500	1500
10/18/2023 11:50	67001 STHI_T2	474	495	21	0.2	0.2	0	0	0	0	0	0	0	0
10/18/2023 11:50	42802 SELI_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
10/18/2023 11:50	54001 SDLE_T1	9	8	-1	0.84	1.06	0.22	0	0	0	0	0	0	0
10/18/2023 11:51	52403 GRPA_T2	2	2	0	0.15	0.2	0.05	0.1	0.13	0	0	0	0	0
10/18/2023 11:51	54001 SDLE_T1	9	8	-1	0.84	1.06	0.22	0	0	0	0	0	0	0
10/18/2023 11:51	42802 SELI_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
10/18/2023 11:51	65604 QVIL_T2	0	0	0	0	0	0	0.3	0.3	0	0	0	0	0
10/18/2023 11:51	44902 SCOT_T2	1	4	3	0.1	0.38	0.28	-0.93	-0.94	0	0	0	0	0
10/18/2023 11:52	44902 SCOT_T2	1	4	3	0.1	0.38	0.28	0	0	0	0	0	0	0
10/18/2023 11:52	67002 STHI_T2	97	122	25	0.28	0.26	-0.02	1.42	1.44	0	0	0	0	0
10/18/2023 11:52	52402 GRPA_T2	25	18	-7	0.49	0.59	0.1	0	0	0	0	0	0	0
10/18/2023 11:52	54001 SDLE_T1	9	8	-1	0.84	1.06	0.22	0	0	0	0	0	0	0
10/18/2023 11:53	67002 STHI_T2	97	122	25	0.28	0.26	-0.02	0.71	0.72	0	0	0	0	0
10/18/2023 11:54	46001 BERW_T1	0	0	0	0	0	0	1.21	1.09	0	0	0	0	0
10/18/2023 11:55	61302 EARL_T1	1	1	0	1.1	1.3	0.2	0	0	0	0	0	0	0
10/18/2023 11:56	61304 EARL_T1	0	2	2	0	0.3	0.3	0	0	0	0	0	0	0
10/18/2023 11:56	46001 BERW_T1	0	0	0	0	0	0	1.09	1.1	0	0	0	0	0
10/18/2023 11:57	25402 LAHA_T2	0	0	0	0	0	0	-0.8	-0.78	0	0	0	0	0
10/18/2023 11:58	45001 LIME_2	20	34	14	0.22	0.44	0.22	0	0	0	0	0	0	0
10/18/2023 11:59	45003 LIME_2	1	1	0	4.7	4.6	-0.1	0	0	1	1	0	1200	1200
10/18/2023 11:59	13503 MCMI_T2	0	0	0	0	0	0	-0.01	-0.01	0	0	0	0	0
10/18/2023 12:02	60503 NMAN_T2	5	3	-2	3.32	5.1	1.78	0	0	0	0	0	0	0
10/18/2023 12:03	42802 SELI_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
10/18/2023 12:04	13105 NHAM_T2	0	1	1	0	0	0	-0.29	-0.31	1	1	0	1200	1200
10/18/2023 12:04	52403 GRPA_T2	1	3	2	0.2	0.23	0.03	0.13	0	0	0	0	0	0
10/18/2023 12:04	52403 GRPA_T2	1	3	2	0.2	0.23	0.03	0.13	0	0	0	0	0	0
10/18/2023 12:04	65601 QVIL_T2	0	1	1	0	0.2	0.2	0	0	0	0	0	0	0
10/18/2023 12:04	42802 SELI_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
10/18/2023 12:04	67001 STHI_T2	490	349	-141	0.2	0.14	-0.06	0.06	0.04	0	0	0	0	0
10/18/2023 12:05	42802 SELI_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
10/18/2023 12:06	65604 QVIL_T2	0	0	0	0	0	0	0.3	0.32	0	0	0	0	0
10/18/2023 12:06	51306 WIND_T2	4	2	-2	0.3	0.35	0.05	0.1	0.09	0	0	0	0	0
10/18/2023 12:06	52403 GRPA_T2	1	3	2	0.2	0.23	0.03	0.13	0	0	0	0	0	0
10/18/2023 12:06	42802 SELI_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
10/18/2023 12:07	52402 GRPA_T2	12	16	4	0.83	0.59	-0.24	0	0	0	0	0	0	0
10/18/2023 12:07	51306 WIND_T2	4	2	-2	0.3	0.35	0.05	0.19	0.17	0	0	0	0	0
10/18/2023 12:07	42802 SELI_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
10/18/2023 12:09	67002 STHI_T2	122	49	-73	0.26	0.37	0.11	0.72	0.7	0	0	0	0	0
10/18/2023 12:09	51302 WIND_T2	3	1	-2	3	0.2	-2.8	0	0	0	0	0	0	0
10/18/2023 12:12	51604 DUKE_T2	7	5	-2	0.47	0.38	-0.09	-0.65	-0.65	0	0	0	0	0
10/18/2023 12:13	45001 LIME_2	26	34	8	0.36	0.44	0.08	0	0	0	0	0	0	0
10/18/2023 12:13	25402 LAHA_T2	0	0	0	0	0	0	-0.78	-0.8	0	0	0	0	0
10/18/2023 12:15	45003 LIME_2	1	1	0	4	4	0	0	0	1	1	0	1200	1200
10/18/2023 12:18	54001 SDLE_T1	8	6	-2	0.83	1	0.17	0	0	0	0	0	0	0
10/18/2023 12:19	43301 WATS_T2	1	1	0	1	1.3	0.3	0	0	0	0	0	0	0
10/18/2023 12:20	43304 WATS_T2	0	0	0	0	0	0	-0.79	-0.82	0	0	0	0	0
10/18/2023 12:20	43304 WATS_T2	0	0	0	0	0	0	-0.79	-0.82	0	0	0	0	0
10/18/2023 12:21	43301 WATS_T2	1	1	0	1	1.3	0.3	0	0	0	0	0	0	0
10/18/2023 12:21	54001 SDLE_T1	8	6	-2	0.83	1	0.17	0	0	0	0	0	0	0
10/18/2023 12:22	43304 WATS_T2	0	0	0	0	0	0	-0.79	-0.82	0	0	0	0	0
10/18/2023 12:22	54001 SDLE_T1	8	6	-2	0.83	1	0.17	0	0	0	0	0	0	0
10/18/2023 12:23	43301 WATS_T2	1	1	0	1	1.3	0.3	0	0	0	0	0	0	0
10/18/2023 12:30	51604 DUKE_T2	5	5	0	0.38	0.36	-0.02	-0.65	-0.65	0	0	0	0	0
10/18/2023 12:37	14801 TREI_T2	95	94	-1	0.36	0.28	-0.08	0	0	0	0	0	0	0
10/18/2023 12:38	14801 TREI_T2	95	94	-1	0.36	0.28	-0.08	0.22	0.24	0	0	0	0	0
10/18/2023 12:38	14801 TREI_T2	95	94	-1	0.36	0.28	-0.08	0.22	0.24	0	0	0	0	0
10/18/2023 12:42	40902 JESH_T1	0	0	0	0	0	0	-0.41	-0.47	2	2	0	1200	1200
10/18/2023 12:45	58402 MORO_T1	0	0	0	0	0	0	-1.02	-1.1	2	2	0	1500	1500
10/18/2023 12:46	58401 MORO_T1	0	1	1	0	0.1	0.1	-0.87	-0.86	1	1	0	600	600
10/18/2023 12:46	58401 MORO_T1	0	1	1	0	0.1	0.1	-0.87	-0.86	1	1	0	600	600
10/18/2023 12:48	58402 MORO_T1	0	0	0	0	0	0	-1.02	-1.1	2	2	0	1500	1500
10/18/2023 12:49	43304 WATS_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
10/18/2023 12:50	44902 SCOT_T2	4	7	3	0.48	0.5	0.02	0	0	0	0	0	0	0
10/18/2023 12:52	44901 SCOT_T2	0	0	0	0	0	0	0.21	0.2	0	0	0	0	0
10/18/2023 13:01	26603 BROD_T1	0	1	1	0	1.4	1.4	0.14	0.16	0	0	0	0	0
10/18/2023 13:01	42802 SELI_T1	0	0	0	0	0	0	0	0	0	1	1	0	900
10/18/2023 13:03	58401 MORO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
10/18/2023 13:03	42802 SELI_T1	0	0	0	0	0	0	0	0	0	4	4	0	3600
10/18/2023 13:04	42802 SELI_T1	0	0	0	0	0	0	0	0	0	3	3	0	2700
10/18/2023 13:05	42802 SELI_T1	0	0	0	0	0	0	0	0	0	2	2	0	1800
10/18/2023 13:06	42802 SELI_T1	0	0	0	0	0	0	0	0	0	3	3	0	2700
10/18/2023 13:09	67401 WAKE_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
10/18/2023 13:12	20401 ASHF_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
10/18/2023 13:16	22901 HARW_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
10/18/2023 13:16	26401 INOR_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
10/18/2023 13:17	65005 NEFF_T2	0	1	1	0	0.3	0.3	0	0	0	0	0	0	0
10/18/2023 13:17	26603 BROD_T1	1	1	0	1.4	0	-1.4	0.16	0.17	0	0	0	0	0
10/18/2023 13:17	42802 SELI_T1	0	0	0	0	0	0	0	0	1	1	0	900	900
10/18/2023 13:18	64101 REFR_T1	0	4	4	0	0.15	0.15	-0.13	-0.09	0	0	0	0	0
10/18/2023 13:18	13503 MCMI_T2	0	0	0	0	0	0	-0.01	-0.01	0	0	0	0	0
10/18/2023 13:19	59302 MCAL_T1	0	0	0	0	0	0	0.06	0	1	1	0	600	600
10/18/2023 13:20	64101 REFR_T1	0	4	4	0	0.15	0.15	-0.13	-0.09	0	0	0	0	0
10/18/2023 13:21	64101 REFR_T1	0	4	4	0	0.15	0.15	-0.13	-0.09	0	0	0	0	0
10/18/2023 13:22	64101 REFR_T1	0	4	4	0	0.15	0.15	-0.13	-0.09	0	0	0	0	0
10/18/2023 13:23	59102 WALK_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
10/18/2023 13:24	20401 ASHF_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
10/18/2023 13:25	45902 AUBU_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
10/18/2023 13:28	42401 GIMA_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
10/18/2023 13:29	45802 HEGI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
10/18/2023 13:32	23301 JEFF_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
10/18/2023 13:35	67401 WAKE_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
10/18/2023 13:35	58401 MORO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
10/18/2023 13:36	46004 BERW_T2	2	0	-2	0.4	0	-0.4	0	0	0	0	0	0	0
10/18/2023 13:39	20401 ASHF_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
10/18/2023 13:41	45902 AUBU_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
10/18/2023 13:41	21606 EYNO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
10/18/2023 13:42	54505 ENOL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
10/18/2023 13:42	46803 HEPB_T2	0	1	1	0	0.1	0.1	0	0	0	0	0	0	0
10/18/2023 13:43	23301 JEFF_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
10/18/2023 13:44	42401 GIMA_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
10/18/2023 13:45	42902 MIDD_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
10/18/2023 13:46	26401 INOR_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
10/18/2023 13:46	42902 MIDD_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
10/18/2023 13:47	42902 MIDD_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
10/18/2023 13:47	52501 PROG_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
10/18/2023 13:48	43304 WATS_T2	0	0	0	0	0	0	-0.51	-0.77	0	0	0	0	0
10/18/2023 13:49	43301 WATS_T2	1	1	0	1.3	1.5	0.2	0	0	0	0	0	0	0
10/18/2023 13:49	13302 ORVI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
10/18/2023 13:51	43304 WATS_T2	0	0	0	0	0	0	-0.51	-0.77	0	0	0	0	0
10/18/2023 13:54	61101 BERK_T5	0	3	3	0	0.17	0.17	0	0	0	0	0	0	0
10/18/2023 13:54	14801 TREI_T2	92	93	1	0.31	0.43	0.12	0.24	0.23	0	0	0	0	0
10/18/2023 13:55	61102 BERK_T5	0	1	1	0	0.1	0.1	0	0	0	0	0	0	0
10/18/2023 14:00	40902 JESH_T1	0	0	0	0	0	0	-0.57	-0.56	2	2	0	1200	1200
10/18/2023 14:04	43304 WATS_T2	0	0	0	0	0	0	-0.77	-0.81	0	0	0	0	0
10/18/2023 14:05	14401 SSLA_T1	3	9	6	0.23	0.34	0.11	0	0	0	0	0	0	0
10/18/2023 14:06	14404 SSLA_T1	49	92	43	0.14	0.2	0.06	0	0	0	0	0	0	0
10/18/2023 14:06	20401 ASHF_T2	5	16	11	0.18	0.2	0.02	0	0	0	0	0	0	0
10/18/2023 14:06	59101 WALK_T2	1	1	0	0	0	0	2.02	1.9	0	0	0	0	0
10/18/2023 14:07	64101 REFR_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
10/18/2023 14:08	20401 ASHF_T2	5	16	11	0.18	0.2	0.02	0	0	0	0	0	0	0
10/18/2023 14:08	52403 GRPA_T2	41	58	17	0.18	0.2	0.02	-0.05	-0.03	0	0	0	0	0
10/18/2023 14:08	67401 WAKE_T2	2	3	1	0.1	0.27	0.17	-1.05	-1.08	0	0	0	0	0
10/18/2023 14:10	52401 GRPA_T2	1	2	1	0.7	0.45	-0.25	-0.55	-0.54	0	0	0	0	0
10/18/2023 14:10	20401 ASHF_T2	5	16	11	0.18	0.2	0.02	0	0	0	0	0	0	0
10/18/2023 14:10	41502 FAIR_T2	0	0	0	0	0	0	-0.67	-0.66	0	0	0	0	0
10/18/2023 14:12	17805 GILB_T2	0	0	0	0	0	0	0.6	0.52	0	0	0	0	0
10/18/2023 14:14	17802 GILB_T1	1	1	0	0.6	0.3	-0.3	0.04	0	0	0	0	0	0
10/18/2023 14:14	41801 GOCI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
10/18/2023 14:15	17804 GILB_T2	0	0	0	0	0	0	-0.59	-0.6	0	0	0	0	0
10/18/2023 14:15	26401 INOR_T1	1	30	30	0	0.15	0.15	0.78	0.66	0	0	0	0	0
10/18/2023 14:15	58401 MORO_T1	3	7	4	0.23	0.51	0.28	0	0	0	0	0	0	0
10/18/2023 14:15	41801 GOCI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
10/18/2023 14:15	13503 MCMI_T2	0	0	0	0	0	0	-0.01	-0.01	0	0	0	0	0
10/18/2023 14:16	40902 JESH_T1	0	0	0	0	0	0	-0.56	-0.64	2

Appendix C - Grid Benefits Achieved in Each Instance of Active Management

10/18/2023 14:30	41801 GOCI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/18/2023 14:31	13105 NHAM_T2	0	0	0	0	0	0	-0.29	-0.26	1	1	0	1200	1200	0
10/18/2023 14:31	58402 MORO_T1	3	8	5	0.1	0.19	0.09	-2.14	-2.38	4	4	0	3000	3000	0
10/18/2023 14:31	13503 MCMI_T2	0	0	0	0	0	0	-0.01	-0.01	0	0	0	0	0	0
10/18/2023 14:31	45802 HEGI_T2	1	0	-1	0.6	0	-0.6	0.45	0.19	2	2	0	1200	1200	0
10/18/2023 14:32	40902 JESH_T1	0	0	0	0	0	0	-0.64	-0.8	2	2	0	1200	1200	0
10/18/2023 14:32	43304 WATS_T2	0	0	0	0	0	0	-0.81	-0.83	0	0	0	0	0	0
10/18/2023 14:32	65004 NEFF_T2	1	1	0	0.1	0.2	0.1	0	0	0	0	0	0	0	0
10/18/2023 14:32	58402 MORO_T1	3	8	5	0.1	0.19	0.09	-1.07	-1.19	2	2	0	1500	1500	0
10/18/2023 14:32	59303 MCAL_T1	1	1	0	0.1	0.3	0.2	0.01	0	1	1	0	600	600	0
10/18/2023 14:33	66903 SHIL_T2	1	2	1	0.1	0.15	0.05	0	0	0	0	0	0	0	0
10/18/2023 14:33	54202 PENN_T2	1	5	4	0.1	0.1	0	0.61	0.6	0	0	0	0	0	0
10/18/2023 14:34	65604 QVIL_T2	0	0	0	0	0	0	0.56	0.62	0	0	0	0	0	0
10/18/2023 14:34	43304 WATS_T2	0	0	0	0	0	0	-1.62	-1.65	0	0	0	0	0	0
10/18/2023 14:34	64101 REFR_T1	4	3	-1	0.15	0.23	0.08	-0.2	-0.2	0	0	0	0	0	0
10/18/2023 14:35	67001 STHI_T2	331	569	238	0.16	0.2	0.04	0	0	0	0	0	0	0	0
10/18/2023 14:35	43304 WATS_T2	0	0	0	0	0	0	-0.81	-0.83	0	0	0	0	0	0
10/18/2023 14:36	14801 TREI_T2	91	104	13	0.31	0.48	0.17	0.22	0.24	0	0	0	0	0	0
10/18/2023 14:36	67002 STHI_T2	43	87	44	0.18	0.24	0.06	0.67	0.72	0	0	0	0	0	0
10/18/2023 14:36	43302 WATS_T2	0	1	1	0	0.1	0.1	0	0	0	0	0	0	0	0
10/18/2023 14:36	26603 BROO_T1	0	1	1	0	0.1	0.1	0.17	0.18	0	0	0	0	0	0
10/18/2023 14:36	43304 WATS_T2	0	0	0	0	0	0	-0.81	-0.83	0	0	0	0	0	0
10/18/2023 14:36	51306 WIND_T2	2	0	-2	0.4	0	-0.4	0.1	0.09	0	0	0	0	0	0
10/18/2023 14:37	14801 TREI_T2	91	104	13	0.31	0.48	0.17	0	0	0	0	0	0	0	0
10/18/2023 14:37	43301 WATS_T2	1	2	1	1.3	5.3	4	0	0	0	0	0	0	0	0
10/18/2023 14:37	54206 PENN_T2	3	3	0	0.27	0.13	-0.14	0	0	0	0	0	0	0	0
10/18/2023 14:37	20402 ASHF_T2	0	2	2	0	0.15	0.15	0	0	0	0	0	0	0	0
10/18/2023 14:37	45902 AUBU_T1	0	0	0	0	0	0	0	0	2	2	0	1200	1200	0
10/18/2023 14:38	20402 ASHF_T2	0	2	2	0	0.15	0.15	0	0	0	0	0	0	0	0
10/18/2023 14:38	43301 WATS_T2	1	2	1	1.3	5.3	4	0	0	0	0	0	0	0	0
10/18/2023 14:38	59101 WALK_T2	1	1	0	0	0	0	1.96	2.09	0	0	0	0	0	0
10/18/2023 14:38	42701 AUGU_T1	0	1	1	0	0.3	0.3	0	0	2	2	0	1800	1800	0
10/18/2023 14:38	67001 STHI_T2	331	569	238	0.16	0.2	0.04	0	0	0	0	0	0	0	0
10/18/2023 14:38	29401 BELT_T1	28	71	43	0.15	0.19	0.04	0	0	1	1	0	900	900	0
10/18/2023 14:38	14801 TREI_T2	91	104	13	0.31	0.48	0.17	0	0	0	0	0	0	0	0
10/18/2023 14:38	46001 BERW_T1	0	0	0	0	0	0	1.13	0.95	0	0	0	0	0	0
10/18/2023 14:39	67401 WAKE_T2	3	6	3	0.23	0.32	0.09	-1.11	-1.12	0	0	0	0	0	0
10/18/2023 14:39	59101 WALK_T2	1	1	0	0	0	0	1.96	2.09	0	0	0	0	0	0
10/18/2023 14:39	52402 GRPA_T2	7	7	0	1.06	1.06	0	0	0	0	0	0	0	0	0
10/18/2023 14:39	29401 BELT_T1	28	71	43	0.15	0.19	0.04	0	0	1	1	0	900	900	0
10/18/2023 14:39	51306 WIND_T2	2	0	-2	0.4	0	-0.4	0.1	0.09	0	0	0	0	0	0
10/18/2023 14:39	14801 TREI_T2	91	104	13	0.31	0.48	0.17	0	0	0	0	0	0	0	0
10/18/2023 14:39	42701 AUGU_T1	0	1	1	0	0.3	0.3	0	0	2	2	0	1800	1800	0
10/18/2023 14:40	10805 CHHI_T2	1	1	0	8	7.9	-0.1	-0.95	-0.84	1	1	0	1200	1200	0
10/18/2023 14:40	52403 GRPA_T2	6	1	-5	0.12	0	-0.12	0.04	0.01	0	0	0	0	0	0
10/18/2023 14:40	16302 ALPA_T2	0	0	0	0	0	0	1.3	1.44	0	0	0	0	0	0
10/18/2023 14:41	16302 ALPA_T2	0	0	0	0	0	0	1.3	1.44	0	0	0	0	0	0
10/18/2023 14:41	17804 GILB_T2	0	0	0	0	0	0	-0.6	-0.59	0	0	0	0	0	0
10/18/2023 14:41	41801 GOCI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/18/2023 14:42	40902 JESH_T1	0	0	0	0	0	0	-0.8	-0.8	2	2	0	1200	1200	0
10/18/2023 14:42	46001 BERW_T1	0	0	0	0	0	0	0.95	0.98	0	0	0	0	0	0
10/18/2023 14:43	56603 HAMP_T1	63	117	54	0.15	0.29	0.14	0	0	0	0	0	0	0	0
10/18/2023 14:43	17805 GILB_T2	0	0	0	0	0	0	0.56	0.56	0	0	0	0	0	0
10/18/2023 14:44	51306 WIND_T2	2	0	-2	0.4	0	-0.4	0.09	0.09	0	0	0	0	0	0
10/18/2023 14:44	56603 HAMP_T1	63	117	54	0.15	0.29	0.14	0	0	0	0	0	0	0	0
10/18/2023 14:44	65003 NEFF_T2	1	1	0	0.3	0.6	0.3	0	0	0	0	0	0	0	0
10/18/2023 14:44	46803 HEPB_T2	1	1	0	0.1	0.2	0.1	0.38	0.41	0	0	0	0	0	0
10/18/2023 14:45	17802 GILB_T1	1	1	0	0.2	0.2	0	0.03	0.02	0	0	0	0	0	0
10/18/2023 14:45	56603 HAMP_T1	104	113	9	0.23	0.3	0.07	0	0	0	0	0	0	0	0
10/18/2023 14:45	42002 MNVL_T2	1	1	0	3.9	3.7	-0.2	0	0	0	0	0	0	0	0
10/18/2023 14:45	26401 INOR_T1	30	3	-27	0.15	0.13	-0.02	0.73	0.63	0	0	0	0	0	0
10/18/2023 14:46	58402 MORO_T1	6	2	-4	0.18	0.2	0.02	-1.19	-1.07	2	2	0	1500	1500	0
10/18/2023 14:46	13105 NHAM_T2	0	0	0	0	0	0	-0.26	-0.3	1	1	0	1200	1200	0
10/18/2023 14:46	58401 MORO_T1	7	0	-7	0.41	0	-0.41	-0.83	-0.88	1	1	0	600	600	0
10/18/2023 14:46	13302 ORVI_T2	1	1	0	0.3	0.1	-0.2	1.03	1	0	0	0	0	0	0
10/18/2023 14:46	42902 MIDD_T2	0	0	0	0	0	0	-0.92	-0.89	1	1	0	600	600	0
10/18/2023 14:47	58402 MORO_T1	6	2	-4	0.18	0.2	0.02	-1.19	-1.07	2	2	0	1500	1500	0
10/18/2023 14:47	13503 MCMI_T2	0	0	0	0	0	0	-0.01	-0.01	0	0	0	0	0	0
10/18/2023 14:48	65004 NEFF_T2	1	1	0	0.2	0.2	0	0	0	0	0	0	0	0	0
10/18/2023 14:48	42201 SHEN_T2	0	1	1	0	0.1	0.1	-0.12	-0.18	1	1	0	600	600	0
10/18/2023 14:48	44601 SALE_T2	0	0	0	0	0	0	1.18	1.14	1	1	0	600	600	0
10/18/2023 14:48	58401 MORO_T1	7	0	-7	0.41	0	-0.41	0	0	0	0	0	0	0	0
10/18/2023 14:49	52502 PROG_T2	0	0	0	0	0	0	-0.76	-0.78	1	1	0	900	900	0
10/18/2023 14:49	65604 QVIL_T2	0	0	0	0	0	0	0.31	0.29	0	0	0	0	0	0
10/18/2023 14:50	65004 NEFF_T2	1	1	0	0.2	0.2	0	0	0	0	0	0	0	0	0
10/18/2023 14:50	14801 TREI_T2	100	105	5	0.47	0.49	0.02	0.24	0.24	0	0	0	0	0	0
10/18/2023 14:50	65604 QVIL_T2	0	0	0	0	0	0	0.31	0.29	0	0	0	0	0	0
10/18/2023 14:51	52502 PROG_T2	0	0	0	0	0	0	-0.76	-0.78	1	1	0	900	900	0
10/18/2023 14:52	44601 SALE_T2	0	0	0	0	0	0	1.18	1.14	1	1	0	600	600	0
10/18/2023 14:52	26603 BROO_T1	0	1	1	0	0.1	0.1	0.18	0.18	0	0	0	0	0	0
10/18/2023 14:53	10602 BLGL_T2	0	0	0	0	0	0	0.83	0.83	0	0	0	0	0	0
10/18/2023 14:56	46004 BERW_T2	0	0	0	0	0	0	-0.4	-0.36	0	0	0	0	0	0
10/18/2023 14:58	52403 GRPA_T2	0	1	1	0	0	0	0.01	0.09	0	0	0	0	0	0
10/18/2023 14:58	63803 HEMP_T1	1	4	3	0.4	0.4	0	0	0	0	0	0	0	0	0
10/18/2023 15:01	22901 HARW_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/18/2023 15:03	64101 REFR_T1	0	0	0	0	0	0	-0.41	-0.31	0	0	0	0	0	0
10/18/2023 15:04	59301 MCAL_T1	3	7	4	0.63	0.47	-0.16	0	0	0	0	0	0	0	0
10/18/2023 15:05	64101 REFR_T1	0	0	0	0	0	0	-0.21	-0.15	0	0	0	0	0	0
10/18/2023 15:06	64101 REFR_T1	0	0	0	0	0	0	-0.41	-0.31	0	0	0	0	0	0
10/18/2023 15:06	67603 WARW_T1	0	1	1	0	0.2	0.2	0	0	0	0	0	0	0	0
10/18/2023 15:07	66703 STRA_T1	0	0	0	0	0	0	-0.2	-0.16	0	0	0	0	0	0
10/18/2023 15:07	64101 REFR_T1	0	0	0	0	0	0	-0.21	-0.15	0	0	0	0	0	0
10/18/2023 15:08	20402 ASHF_T2	1	1	0	0.1	0.2	0.1	0	0	0	0	0	0	0	0
10/18/2023 15:09	15001 BLMO_T1	1	1	0	0.1	0.4	0.3	0	0	0	0	0	0	0	0
10/18/2023 15:11	15001 BLMO_T1	1	1	0	0.1	0.4	0.3	0	0	0	0	0	0	0	0
10/18/2023 15:14	44802 EDAN_T2	0	0	0	0	0	0	-0.85	-0.88	0	0	0	0	0	0
10/18/2023 15:15	44802 EDAN_T2	0	0	0	0	0	0	-1.7	-1.76	0	0	0	0	0	0
10/18/2023 15:16	16402 MOPO_T1	0	0	0	0	0	0	0.74	0.67	0	0	0	0	0	0
10/18/2023 15:22	64101 REFR_T1	0	0	0	0	0	0	-0.15	-0.15	0	0	0	0	0	0
10/18/2023 15:39	54701 NEBL_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/18/2023 15:39	53501 EVIL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/18/2023 15:39	54206 PENN_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/18/2023 15:39	54505 ENOL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/18/2023 15:39	51604 DUKE_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/18/2023 15:39	56802 BENV_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/18/2023 15:39	53903 HAU_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/18/2023 15:39	26401 INOR_T1	0	32	32	0	0.17	0.17	0	0	0	0	0	0	0	0
10/18/2023 15:40	51604 DUKE_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/18/2023 15:40	56802 BENV_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/18/2023 15:40	54505 ENOL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/18/2023 15:40	54701 NEBL_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/18/2023 15:40	54206 PENN_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/18/2023 15:40	53501 EVIL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/18/2023 15:40	26401 INOR_T1	0	32	32	0	0.17	0.17	0	0	0	0	0	0	0	0
10/18/2023 15:40	53903 HAU_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/18/2023 15:46	45802 HEGI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/18/2023 15:51	59202 THOM_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/18/2023 15:58	20603 GRWO_T2	8	31	23	0.2	0.31	0.11	0.38	0.34	0	0	0	0	0	0
10/18/2023 15:58	40101 HUNT_T2	0	0	0	0	0	0	-0.5	-0.54	0	0	0	0	0	0
10/18/2023 15:59	40101 HUNT_T2	0	0	0	0	0	0	-0.5	-0.54	0	0	0	0	0	0
10/18/2023 16:12	54501 ENOL_T2	0	3	3	0	0.13	0.13	0	0	0	0	0	0	0	0
10/18/2023 16:12	20603 GRWO_T2	29	25	-4	0.28	0.33	0.05	0.34	0.37	0	0	0	0	0	0
10/18/2023 16:12	41501 FAIR_T2	0	0	0	0	0	0	-1.73	-1.72	1	1	0	600	600	0
10/18/2023 16:20	60501 NMAN_T2	3	7	4	5.23	2.33	-2.9	0	0	0	0	0	0	0	0
10/18/2023 16:32	47401 PENS_T1	0	0	0	0	0	0	0.4	0.35	0	0	0	0	0	0
10/18/2023 16:35	64101 REFR_T1	0	0	0	0	0	0	-0.2	-0.21	0	0	0	0	0	0
10/18/2023 16:37	14402 SSLA_T1	176	136	-40	0.18	0.17	-0.01	0	0	0	0	0	0	0	0
10/18/2023 16:37	14702 TREX_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/18/2023 16:40	65001 NEFF_T2	3	9	6	0.1	0.11	0.01	-0.81	-0.71	1	1	0	1200	1200	0
10/18/2023 16:42	45802 HEGI_T2	0	0	0	0	0	0	0.76	0.69	0	0	0	0	0	0
10/18/2023 16:46	40101 HUNT_T2	0	0	0	0	0	0	-0.53	-0.56	0	0	0	0	0	0
10/18/2023 17:28	20603 GRWO_T2	22	20	-2	0.23	0.24	0.01	0.33	0.36	0	0	0	0	0	0
10/18/2023 19:08	23301 JEFF_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/18/2023 19:15	26401 INOR_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/18/2023 19:17	54505 ENOL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/18/2023 19:18	14702 TREX_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/18/2023 19:20	54701 NEBL_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/18/2023 19:21	20401 ASHF_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/18/2023 19:22	46801 HEPB_T2	2	2	0	0.35	0.35	0	0	0	0	0	0	0	0	0
10/18/2023 19:22	67001 STHI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/18/2023 19:23	42401 GIMA_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/18/2023 19:23	67502 WEWI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/18/2023 19:23	56802 BENV_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/18/2023 19:24	56801 BENV_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/18/2023 19:24	54206 PENN_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/18/2023 19:24	56802 BENV_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/18/2023 19:25	46003 BERW_T2	1	1	0	2	1	-1	0	0	0	0	0	0	0	0
10/18/2023 19:25	46203 DANV_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/18/2023 19:26	58401 MORO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/18/2023 19:26	52501 PROG_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/18/2023 19:27	45902 AUBU_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/18/2023 19:27	40602 PIGR_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/18/2023 19:27	42903 MIDD_T2	2	2	0	0.8	0.7	-0.1	0	0	0	0	0	0	0	0
10/18/2023 19:28	53501 EVIL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/18/2023 19:28	43302 WATS_T2	4	4	0	0.55	0.5	-0.05	0	0	0	0	0	0	0	0
10/18/2023 19:29	22901 HARW_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/18/2023 19:29	46206 DANV_T2	0	1	1	0	0	0	0	0	0	0	0	0	0	0
10/18/2023 19:29	56504 ROCK_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/18/2023 19:30	64101 REFR_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/18/2023 19:30	54701 NEBL_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/18/2023 19:30	52402 GRPA_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/18/2023 19:30	56802 BENV_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/18/2023 19:32	53903 HAU_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/18/2023 19:32	67001 STHI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/18/2023 19:32	21606 EYNO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/18/2023 19:32	54505 ENOL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/18/2023 19:32	45802 HEGI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/18/2023 19:32	42902 MIDD_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/18/2023 19:32	51201 MTON_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/18/2023 19:32	45402 WBLO_T2	0	1	1	0	0.3	0.3	0	0	0	0	0	0	0	0
10/18/2023 19:32	67401 WAKE_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/18/2023 19:33	42902 MIDD_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/18/2023 19:33	53501 EVIL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/18/2023 19:34	51604 DUKE_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/18/2023 19:35	40602 PIGR_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/18/2023 19:35	56802 BENV_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/18/2023 19:36	61303 EARL_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/18/2023 20:08	43201 MVIL_T2	0	0	0	0	0	0	-0.4	-0.4	0	0	0	0	0	0
10/18/2023 20:18	43402 BENT_T1	0	0	0	0	0	0	-1.55	0	2	2	0	1500	1500	0
10/18/2023 20:19	29402 BELT_T1	1	1	0	8.2	8.6	0.4	0	0	0	0	0	0	0	0
10/18/2023 20:22	20401 ASHF_T2	9	45	36	0.18	0.18	0	0	0	0	0	0	0	0	0
10/18/2023 20:25	28604 BLYT_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/18/2023

10/19/2023 0:28	43301 WATS_T2	0	0	0	0	0	0	0	0.25	0	0	0	0	0	0
10/19/2023 0:28	14703 TREX_T2	5	6	1	0.12	0.18	0.06	0	0	0	0	0	0	0	0
10/19/2023 0:28	17802 GILB_T1	0	0	0	0	0	0	0	-0.03	0	0	0	0	0	0
10/19/2023 0:28	41801 GOCI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/19/2023 0:28	56802 BENV_T2	1	1	0	0.2	0.6	0.4	0	-18.1	0	0	0	0	0	0
10/19/2023 0:28	42001 MNVL_T2	0	0	0	0	0	0	0	-0.09	0	0	0	0	0	0
10/19/2023 0:28	51604 DUKE_T2	0	0	0	0	0	0	0	-3.57	2	2	0	1800	1800	0
10/19/2023 0:28	60803 BUCK_T1	99	156	57	0.23	0.32	0.09	0	-2.19	2	2	0	1200	1200	0
10/19/2023 0:28	53903 HAU_T2	2	2	0	0.7	0.9	0.2	0	-0.22	0	0	0	0	0	0
10/19/2023 0:28	42201 SHEN_T2	0	0	0	0	0	0	0	0.69	0	0	0	0	0	0
10/19/2023 0:28	52401 GRPA_T2	0	0	0	0	0	0	0	-0.59	0	0	0	0	0	0
10/19/2023 0:28	14801 TREI_T2	0	0	0	0	0	0	0	0.39	0	0	0	0	0	0
10/19/2023 0:28	54505 ENOL_T2	1	1	0	0.5	0.8	0.3	0	-4.11	3	3	0	1800	1800	0
10/19/2023 0:28	28403 HART_T2	0	0	0	0	0	0	0	-1.45	2	2	0	1800	1800	0
10/19/2023 0:28	46001 BERW_T1	0	0	0	0	0	0	0	1.37	0	0	0	0	0	0
10/19/2023 0:28	67401 WAKE_T2	20	70	50	0.14	0.2	0.06	0	-0.97	0	0	0	0	0	0
10/19/2023 0:28	67203 TEHI_T1	0	0	0	0	0	0	0	2.09	2	2	0	1500	1500	0
10/19/2023 0:28	59202 THOM_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/19/2023 0:28	56603 HAMP_T1	61	110	49	0.16	0.38	0.22	0	0	0	0	0	0	0	0
10/19/2023 0:28	10805 CHHI_T2	1	1	0	8.3	8.4	0.1	0	-1.06	0	0	0	0	0	0
10/19/2023 0:28	17804 GILB_T2	0	0	0	0	0	0	0	-0.63	0	0	0	0	0	0
10/19/2023 0:28	60803 BUCK_T1	99	156	57	0.23	0.32	0.09	0	-2.19	2	2	0	1200	1200	0
10/19/2023 0:28	52402 GRPA_T2	2	2	0	1.45	1.65	0.2	0	0	0	0	0	0	0	0
10/19/2023 0:28	65004 NEFF_T2	0	0	0	0	0	0	0	-0.56	0	0	0	0	0	0
10/19/2023 0:28	26603 BROD_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/19/2023 0:28	46803 HEPB_T2	0	0	0	0	0	0	0	0.41	0	0	0	0	0	0
10/19/2023 0:28	15001 BLMO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/19/2023 0:28	66505 SMAN_T2	0	1	1	0	0.1	0.1	0	-1.13	2	2	0	1800	1800	0
10/19/2023 0:28	47403 PENS_T1	1	1	0	2	1.9	-0.1	0	0	0	0	0	0	0	0
10/19/2023 0:28	29402 BELT_T1	1	1	0	8.2	8.4	0.2	0	0	0	0	0	0	0	0
10/19/2023 0:28	45402 WBLO_T2	1	0	-1	0.4	0	-0.4	0	-0.87	0	0	0	0	0	0
10/19/2023 0:28	65001 NEFF_T2	0	0	0	0	0	0	0	-1.19	1	1	0	1200	1200	0
10/19/2023 0:28	44901 SCOT_T2	0	0	0	0	0	0	0	0.22	0	0	0	0	0	0
10/19/2023 0:28	59301 MCAL_T1	76	88	12	0.46	0.66	0.2	0	0	0	0	0	0	0	0
10/19/2023 0:28	67001 STHI_T2	0	0	0	0	0	0	0	0.02	0	0	0	0	0	0
10/19/2023 0:28	45702 LIND_T2	1	1	0	0.3	0.3	0	0	-0.53	0	0	0	0	0	0
10/19/2023 0:28	43304 WATS_T2	0	0	0	0	0	0	0	-4.45	0	0	0	0	0	0
10/19/2023 0:28	62604 ENGL_T1	0	0	0	0	0	0	0	-9.71	5	5	0	3000	3000	0
10/19/2023 0:28	41502 FAIR_T2	0	0	0	0	0	0	0	-0.73	0	0	0	0	0	0
10/19/2023 0:28	53601 DALM_T2	1	1	0	0.6	0.9	0.3	0	0.52	0	0	0	0	0	0
10/19/2023 0:28	54206 PENN_T2	1	0	-1	6.4	0	-6.4	0	-0.09	0	0	0	0	0	0
10/19/2023 0:28	56504 ROCK_T2	0	0	0	0	0	0	0	-0.74	0	0	0	0	0	0
10/19/2023 0:28	44601 SALE_T2	0	0	0	0	0	0	0	-0.37	0	0	0	0	0	0
10/19/2023 0:28	66703 STRA_T1	0	0	0	0	0	0	0	-0.47	0	0	0	0	0	0
10/19/2023 0:28	14801 TREI_T2	0	0	0	0	0	0	0	0.39	0	0	0	0	0	0
10/19/2023 0:28	46203 DANV_T2	0	0	0	0	0	0	0	-0.49	0	0	0	0	0	0
10/19/2023 0:28	59101 WALK_T2	1	1	0	0	0	0	0	6.84	0	0	0	0	0	0
10/19/2023 0:28	14403 SSLA_T1	0	0	0	0	0	0	0	0.88	0	0	0	0	0	0
10/19/2023 0:28	54501 ENOL_T2	1	4	3	0.1	0.23	0.13	0	-1.16	2	2	0	1200	1200	0
10/19/2023 0:28	44801 EDAN_T2	1	0	-1	0.6	0	-0.6	0	0	0	0	0	0	0	0
10/19/2023 0:28	45902 AUBU_T1	0	0	0	0	0	0	0	0	2	2	0	1200	1200	0
10/19/2023 0:28	13503 MCMI_T2	0	0	0	0	0	0	0	-0.01	0	0	0	0	0	0
10/19/2023 0:28	29402 BELT_T1	1	1	0	8.2	8.4	0.2	0	0	0	0	0	0	0	0
10/19/2023 0:28	10801 CHHI_T1	0	0	0	0	0	0	0	-1.12	1	1	0	900	900	0
10/19/2023 0:28	61801 EELI_T2	2	2	0	0.8	1.05	0.25	0	-0.81	0	0	0	0	0	0
10/19/2023 0:28	52502 PROG_T2	0	0	0	0	0	0	0	0.29	2	0	-2	1800	0	-1800
10/19/2023 0:28	61303 EARL_T1	0	0	0	0	0	0	0	-0.18	0	0	0	0	0	0
10/19/2023 0:28	17805 GILB_T2	0	0	0	0	0	0	0	-0.03	0	0	0	0	0	0
10/19/2023 0:28	41902 REED_T1	0	0	0	0	0	0	0	2	0	0	0	0	0	0
10/19/2023 0:28	40101 HUNT_T2	0	0	0	0	0	0	0	-0.66	0	0	0	0	0	0
10/19/2023 0:28	51306 WIND_T2	0	0	0	0	0	0	0	0.08	0	0	0	0	0	0
10/19/2023 0:28	45802 HEGI_T2	0	0	0	0	0	0	0	0.39	0	0	0	0	0	0
10/19/2023 0:28	64101 REFR_T1	0	0	0	0	0	0	0	-0.04	0	0	0	0	0	0
10/19/2023 0:28	65602 QVIL_T2	0	24	24	0	0.18	0.18	0	0	0	0	0	0	0	0
10/19/2023 0:28	43402 BENT_T1	0	0	0	0	0	0	0	-3.21	4	4	0	3000	3000	0
10/19/2023 0:28	20403 ASHF_T2	0	0	0	0	0	0	0	-0.04	0	0	0	0	0	0
10/19/2023 0:28	64802 MONE_T2	0	0	0	0	0	0	0	-0.01	0	0	0	0	0	0
10/19/2023 0:28	16302 ALPA_T2	0	0	0	0	0	0	0	1.97	0	0	0	0	0	0
10/19/2023 0:28	20603 GRWO_T2	0	0	0	0	0	0	0	0.55	0	0	0	0	0	0
10/19/2023 0:28	66901 SHIL_T2	1	1	0	0.2	0.1	-0.1	0	-0.55	0	0	0	0	0	0
10/19/2023 0:28	67605 WARW_T1	2	7	5	0.2	0.23	0.03	0	-1.24	0	0	0	0	0	0
10/19/2023 0:28	39601 LNFD_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/19/2023 0:28	13704 SCHN_T2	0	0	0	0	0	0	0	-1.28	0	0	0	0	0	0
10/19/2023 0:28	53501 EVIL_T2	2	9	7	0.55	0.44	-0.11	0	-1.69	0	0	0	0	0	0
10/19/2023 0:33	13105 NHAM_T2	0	0	0	0	0	0	0	-0.42	1	1	0	1200	1200	0
10/19/2023 0:36	61801 EELI_T2	2	2	0	0.95	1.05	0.1	0	-0.4	0	0	0	0	0	0
10/19/2023 0:40	49803 UNIV_T1	0	0	0	0	0	0	0	-1.4	0	0	0	0	0	0
10/19/2023 0:55	14702 TREX_T2	0	0	0	0	0	0	0.77	0.77	0	0	0	0	0	0
10/19/2023 1:01	54505 ENOL_T2	1	1	0	0.3	0.5	0.2	0	0	0	0	0	0	0	0
10/19/2023 1:52	42201 SHEN_T2	0	0	0	0	0	0	0.35	0.33	0	0	0	0	0	0
10/19/2023 3:01	53903 HAU_T2	1	2	1	0.1	0.4	0.3	-0.22	-0.2	0	0	0	0	0	0
10/19/2023 5:49	14703 TREX_T2	1	5	4	0.1	0.16	0.06	0	0	0	0	0	0	0	0
10/19/2023 6:01	14703 TREX_T2	5	1	-4	0.16	0.2	0.04	0	0	0	0	0	0	0	0
10/19/2023 7:08	46205 DANV_T2	0	1	1	0	0	0	0	0	0	0	0	0	0	0
10/19/2023 7:19	14702 TREX_T2	0	0	0	0	0	0	0.89	0.88	0	0	0	0	0	0
10/19/2023 7:20	54701 NEBL_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/19/2023 7:47	45802 HEGI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/19/2023 7:53	43402 BENT_T1	0	0	0	0	0	0	-1.39	-1.45	2	1	-1	1500	900	-600
10/19/2023 8:11	45802 HEGI_T2	0	0	0	0	0	0	0.37	0.41	1	1	0	900	900	0
10/19/2023 8:11	46206 DANV_T2	1	0	-1	0.3	0	-0.3	0	0	0	0	0	0	0	0
10/19/2023 8:14	46803 HEPB_T2	1	3	2	0.1	0.2	0.1	0	0	0	0	0	0	0	0
10/19/2023 8:15	44502 HAMI_T2	1	1	0	2.4	2.4	0	-0.86	-0.83	0	0	0	0	0	0
10/19/2023 8:16	58402 MORO_T1	0	0	0	0	0	0	-1.99	-1.85	3	3	0	2400	2400	0
10/19/2023 8:17	54701 NEBL_T1	2	2	0	0.2	0.2	0	0	-1.49	1	1	0	600	600	0
10/19/2023 8:18	58402 MORO_T1	0	0	0	0	0	0	-1.99	-1.85	3	3	0	2400	2400	0
10/19/2023 8:25	56603 HAMP_T1	0	81	81	0	0.21	0.21	0	0	0	0	0	0	0	0
10/19/2023 8:29	54505 ENOL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/19/2023 8:32	64101 REFR_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/19/2023 8:41	54505 ENOL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/19/2023 8:43	45802 HEGI_T2	0	1	1	0	0	0.52	0.43	1	1	0	900	900	0	
10/19/2023 8:51	43304 WATS_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/19/2023 8:55	56802 BENV_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/19/2023 8:56	53601 DALM_T2	1	1	0	1.1	1.2	0.1	-0.14	-0.17	0	0	0	0	0	0
10/19/2023 8:59	40101 HUNT_T2	22	15	-7	0.28	0.1	-0.18	-0.26	-0.2	0	0	0	0	0	0
10/19/2023 9:09	54504 ENOL_T2	0	1	1	0	0.4	0.4	0	0	0	0	0	0	0	0
10/19/2023 9:09	26603 BROD_T1	0	0	0	0	0	0	0.37	0.38	0	0	0	0	0	0
10/19/2023 9:11	41801 GOCI_T2	0	2	2	0	0.2	0.2	0	0	0	0	0	0	0	0
10/19/2023 9:13	54504 ENOL_T2	0	1	1	0	0.4	0.4	0	0	0	0	0	0	0	0
10/19/2023 9:14	41801 GOCI_T2	0	2	2	0	0.2	0.2	0	0	0	0	0	0	0	0
10/19/2023 9:15	13503 MCMI_T2	0	0	0	0	0	0	-0.01	-0.01	0	0	0	0	0	0
10/19/2023 9:18	43402 BENT_T1	0	0	0	0	0	0	-1.43	-1.4	2	2	0	1500	1500	0
10/19/2023 9:20	49804 UNIV_T1	1	0	-1	0.3	0	-0.3	0	0	0	0	0	0	0	0
10/19/2023 9:24	56603 HAMP_T1	113	115	2	0.46	0.63	0.17	0	0	0	0	0	0	0	0
10/19/2023 9:25	54501 ENOL_T2	2	4	2	0.1	0.23	0.13	0	0	0	0	0	0	0	0
10/19/2023 9:29	54505 ENOL_T2	1	1	0	1.3	1.4	0.1	-2.56	-2.64	2	2	0	1200	1200	0
10/19/2023 9:29	42001 MNVL_T2	1	6	5	0.2	0.27	0.07	0	0.01	0	0	0	0	0	0
10/19/2023 9:29	43402 BENT_T1	0	0	0	0	0	0	-1.4	-0.69	2	1	-1	1500	900	-600
10/19/2023 9:32	54202 PENN_T2	40	14	-26	0.15	0.14	-0.01	0.64	0.64	0	0	0	0	0	0
10/19/2023 9:32	64101 REFR_T1	0	3	3	0	0.1	0.1	-0.29	-0.31	0	0	0	0	0	0
10/19/2023 9:32	13704 SCHN_T2	0	1	1	0	0.1	0.1	-0.31	-0.3	0	0	0	0	0	0
10/19/2023 9:33	44201 POIN_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/19/2023 9:33	43202 MVIL_T2	0	0	0	0	0	0	-0.63	-0.6	0	0	0	0	0	0
10/19/2023 9:33	64101 REFR_T1	0	3	3	0	0.1	0.1	-0.14	-0.15	0	0	0	0	0	0
10/19/2023 9:34	43202 MVIL_T2	0	0	0	0	0	0	-0.63	-0.6	0	0	0	0	0	0
10/19/2023 9:35	64101 REFR_T1	0	3	3	0	0.1	0.1	-0.29	-0.31	0	0	0	0	0	0
10/19/2023 9:36	64101 REFR_T1	0	3	3	0	0.1	0.1	-0.14	-0.15	0	0	0	0	0	0
10/19/2023 9:39	10801 CHHI_T1	0	0	0	0	0	0	-0.88	-0.88	1	1	0	900	900	0
10/19/2023 9:39	59101 WALK_T2	1	1	0	0	0	0	2.08	1.88	0	0	0	0	0	0
10/19/2023 9:41	61303 EARL_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/19/2023 9:42	40902 JESH_T1	0	0	0	0	0	0	-0.88	-0.43	2	2	0	1200	1200	0
10/19/2023 9:48	13001 NBET_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/19/2023 9:50	64802 MONE_T2	0	29	29	0	0.13	0.13	-0.01	-0.01	0	0	0	0	0	0
10/19/2023 9:50	59101 WALK_T2	1	0	-1	0	0	0	1.88	1.86	0	0	0	0	0	0
10/19/2023 9:50	43304 WATS_T2	0	0	0	0	0	0	-0.55	-0.54	0	0	0	0	0	0
10/19/2023 9:50	42201 SHEN_T2	0	0	0	0	0	0	-0.15	-0.16	1	1	0	600	600	0
10/19/2023 9:51	41901 REED_T1	10	9	-1	0.4	0.36	-0.04	-1.36	-1.33	1	1	0	900	900	0
10/19/2023 9:51	15604 NSTR_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/19/2023 9:51	59101 WALK_T2	1	1	0	0	0	0	1.88	1.86	0	0	0	0	0	0
10/19/2023 9:52	59101 WALK_T2	1	1	0	0	0	0	1.88	1.86	0	0	0	0	0	0
10/19/2023 9:53	14702 TREX_T2	0	0	0	0	0	0	0.94	0.91	0	0	0	0	0	0
10/19/2023 9:53	20403 ASHF_T2	0	1	1	0	1.6	1.6	0.49	0.48	0	0	0	0	0	0
10/19/2023 9:53	59101 WALK_T2	1	1	0	0	0	0	1.88	1.86	0	0	0	0	0	0
10/19/2023 9:54	62604 ENGL_T1	0	0	0	0	0	0	-1.6	-1.62	1	1	0	600	600	0
10/19/2023 9:55	56802 BENV_T2	1	1	0	1	1.2	0.2	-0.72	-0.73	0	0	0	0	0	0
10/19/2023 9:55	20403 ASHF_T2	0	1	1	0	1.6	1.6	0.49	0.48	0	0	0	0	0	0
10/19/2023 9:56	28604 BLYT_T2	0	0	0	0	0	0	-1.39	-1.4	0	0	0	0	0	0
10/19/2023 9:56	56802 BENV_T2	1	1	0	1	1.2	0.2	-1.44	-1.46	0	0	0	0	0	0
10/19/2023 9:56	60803 BUCK_T1	12	10	-2	0.23	0.17	-0.06	0	0	0	0	0	0	0	0
10/19/2023 9:57	62605 ENGL_T1	136	69	-67	0.17	0.18	0.01	0	0	0	0	0	0	0	0
10/19/2023 9:58	52401 GRPA_T2	0	1	1	0	0	0	0	0	0	0	0	0	0	0
10/19/2023 9:59	52403 GRPA_T2	0	7	7	0	0.38	0.38	-0.02	0.1	0	0	0	0	0	0
10/19/2023 9:59	62605 ENGL_T1	136	69	-67	0.17	0.18	0.01	0	0	0	0	0	0	0	0
10/19/2023 10:00	52502 PROG_T2	0	1	1	0	0	0	0	0	0	0	0	0	0	0
10/19/2023 10:00	54206 PENN_T2	4	4	0	0.2	0.38	0.18	0.03	0	0	0	0	0	0	0
10/19/2023 10:00	53902 HAU_T2	0	1	1	0	0.1	0.1	0	0	0	0	0	0	0	0
10/19/2023 10:00	12602 MACA_T1	0	1	1	0	0	0	0	0	0	0	0	0	0	0
10/19/2023 10:00	66502 SMAN_T2	1	1	0	0.2	0.2	0	0	0	0	0	0	0	0	0
10/19/2023 10:00	66504 SMAN_T2	0	0	0	0	0	0	-0.35	-0.29	0	0	0	0	0	0
10/19/2023 10:00	16402 MOPO_T1	0	0	0	0	0	0	0.72	0.69	0	0	0	0	0	0
10/19/2023 10:00	52403 GRPA_T2	0	7	7	0	0.35	0.35	-0.02	0.1	0	0	0	0	0	0
10/19/2023 10:00	43201 MVIL_T2	0	0	0	0	0	0	-1.27	-1.23	0	0	0	0	0	0
10/19/2023 10:00	64801 MONE_T2	0	0	0	0	0	0	-0.01	-0.01	0	0	0	0	0	0
10/19/2023 10:00	56802 BENV_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/19/2023 10:00	67201 TEHI_T1	0	0	0	0	0	0	0.78	0.58	1	2	1	900	1500	600
10/19/2023 10:00	46004 BERW_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/19/2023 10:00	56504 ROCK_T2	0	0	0	0	0	0	-0.13	-0.14	0	0	0	0	0	0
10/19/2023 10:00	26401 INOR_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/19/2023 10:00	54701 NEBL_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/19/2023 10:00	13704 SCHN_T2	1	2	1	0.1	0.2	0.1	-0.31	-0.31	0	0	0	0	0	0
10/19/2023 10:00	53501 EVIL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/19/2023 10:00	52402 GRPA_T2	7	4	-3	0.76	1.43	0.67	0	0	0	0	0	0	0	0
10/19/2023 10:00	23301 JEFF_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/19/2023 10:00	51306 WIND_T2	0	0	0	0	0	0	0.24	0.17	0	0	0	0	0	0
10/19/2023 10:00	46801 HEPB_T2	2	2	0	0.35	0.4	0.05	0.57	0.57	0	0	0	0	0	0
10/19/2023 10:00	54204 PENN_T2	1	1	0	0.2	0.2	0	0	0	0	0	0	0	0	0
10/19/2023 10:00	67605 WARW_T1	14	24	10	0.36	0.43	0.07	0	0	0	0	0	0	0	0
10/19/2023 10:00	64802 MONE_T2	11	30	19	0.1	0.13	0.03	-0.01	-0.01	0	0	0	0	0	0
10/19/2023 10:00	43304 WATS_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/19/2023 10:00	20403 ASHF_T2	1	5	4	0.2	0.44	0.24	0	0	0	0	0	0	0	0
10/19/2023 10:00	46203 DANV_T2	4	15	11	0.3	0.41	0.11	0	0	0	0	0	0	0	0
10/19/2023 10:00	40602 PIGR_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0

Appendix C - Grid Benefits Achieved in Each Instance of Active Management

10/19/2023 10:11	46203 DANV_T2	4	15	11	0.3	0.41	0.11	-0.08	-0.01	0	0	0	0	0	0
10/19/2023 10:12	54505 ENOL_T2	1	1	0	1.3	1.5	0.2	0	0	0	0	0	0	0	0
10/19/2023 10:12	62605 ENGL_T1	14	69	55	0.26	0.18	-0.08	0	0	0	0	0	0	0	0
10/19/2023 10:12	26603 BROO_T1	0	1	1	0	0	0	0.35	0.33	0	0	0	0	0	0
10/19/2023 10:12	46203 DANV_T2	4	15	11	0.3	0.41	0.11	-0.08	-0.01	0	0	0	0	0	0
10/19/2023 10:12	56802 BENV_T2	1	2	1	1.2	0.65	-0.55	-1.46	-1.4	0	0	0	0	0	0
10/19/2023 10:12	61303 EARL_T1	0	0	0	0	0	0	0.53	0.55	0	0	0	0	0	0
10/19/2023 10:12	53501 EVIL_T2	5	9	4	0.4	0.34	-0.06	-1.12	-1.01	3	3	0	2100	2100	0
10/19/2023 10:12	45802 HEGI_T2	0	0	0	0	0	0	0.56	0.4	1	1	0	900	900	0
10/19/2023 10:13	53501 EVIL_T2	5	9	4	0.4	0.34	-0.06	-1.01	-1.08	3	3	0	2100	2100	0
10/19/2023 10:13	40101 HUNT_T2	0	0	0	0	0	0	-0.24	-0.23	0	0	0	0	0	0
10/19/2023 10:13	54505 ENOL_T2	1	1	0	1.3	1.5	0.2	0	0	0	0	0	0	0	0
10/19/2023 10:13	62605 ENGL_T1	14	69	55	0.26	0.18	-0.08	0	0	0	0	0	0	0	0
10/19/2023 10:14	54501 ENOL_T2	3	2	-1	0.23	0.2	-0.03	0	0	0	0	0	0	0	0
10/19/2023 10:14	54505 ENOL_T2	1	1	0	1.3	1.5	0.2	0	0	0	0	0	0	0	0
10/19/2023 10:14	56603 HAMP_T1	114	121	7	0.58	0.6	0.02	0	0	0	0	0	0	0	0
10/19/2023 10:14	52402 GRPA_T2	7	4	-3	0.76	1.43	0.67	0	0	0	0	0	0	0	0
10/19/2023 10:14	41801 GOCI_T2	4	2	-2	0.38	0.35	-0.03	0	0	0	0	0	0	0	0
10/19/2023 10:15	54504 ENOL_T2	1	0	-1	0.4	0	-0.4	0	0	0	0	0	0	0	0
10/19/2023 10:15	17804 GILB_T2	0	0	0	0	0	0	-0.58	-0.57	0	0	0	0	0	0
10/19/2023 10:15	43202 MVIL_T2	0	1	1	0	0.4	0.4	-0.62	-0.62	0	0	0	0	0	0
10/19/2023 10:15	40101 HUNT_T2	0	3	3	0	0.4	0.4	-0.24	-0.23	0	0	0	0	0	0
10/19/2023 10:16	52403 GRPA_T2	6	7	1	0.35	0.37	0.02	0.1	0.02	0	0	0	0	0	0
10/19/2023 10:16	42002 MNVL_T2	1	2	1	4.2	2.15	-2.05	0	0	0	0	0	0	0	0
10/19/2023 10:16	29402 BELT_T1	1	1	0	8.6	8.4	-0.2	0	0	0	0	0	0	0	0
10/19/2023 10:16	43202 MVIL_T2	0	1	1	0	0.4	0.4	-0.62	-0.62	0	0	0	0	0	0
10/19/2023 10:17	58401 MORO_T1	2	1	-1	0.2	0.3	0.1	0	0	0	0	0	0	0	0
10/19/2023 10:17	13503 MCMI_T2	0	0	0	0	0	0	-0.01	-0.01	0	0	0	0	0	0
10/19/2023 10:17	13302 ORVI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/19/2023 10:17	12701 MACU_T1	0	0	0	0	0	0	0.22	0.2	0	0	0	0	0	0
10/19/2023 10:18	49803 UNIV_T1	0	0	0	0	0	0	-1.1	0.22	0	0	0	0	0	0
10/19/2023 10:19	54602 SUMM_T2	15	8	-7	0.57	0.15	-0.42	0	0	0	0	0	0	0	0
10/19/2023 10:19	58401 MORO_T1	2	1	-1	0.2	0.3	0.1	0	0	0	0	0	0	0	0
10/19/2023 10:19	65001 NEFF_T2	0	0	0	0	0	0	-0.41	-0.44	1	1	0	1200	1200	0
10/19/2023 10:19	51201 MTON_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/19/2023 10:20	54701 NEBL_T1	2	0	-2	0.35	0	-0.35	0	0	1	1	0	600	600	0
10/19/2023 10:22	54601 SUMM_T2	13	12	-1	1.14	0.81	-0.33	-1.88	-1.88	2	2	0	2100	2100	0
10/19/2023 10:22	15001 BLMO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/19/2023 10:22	66505 SMAN_T2	0	0	0	0	0	0	0.35	0.27	2	2	0	1100	1100	0
10/19/2023 10:22	42201 SHEN_T2	0	0	0	0	0	0	-0.16	-0.17	1	1	0	600	600	0
10/19/2023 10:22	20403 ASHF_T2	1	9	8	1.6	0.43	-1.17	0.51	0.53	0	0	0	0	0	0
10/19/2023 10:23	67502 WEWI_T2	6	6	0	0.3	0.32	0.02	-0.18	-0.12	0	0	0	0	0	0
10/19/2023 10:23	54603 SUMM_T2	2	0	-2	0.4	0	-0.4	0	0	0	0	0	0	0	0
10/19/2023 10:23	65604 QVIL_T2	0	0	0	0	0	0	0.29	0.31	0	0	0	0	0	0
10/19/2023 10:23	15001 BLMO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/19/2023 10:23	61802 EELI_T2	1	0	-1	0.1	0	-0.1	0	0	0	0	0	0	0	0
10/19/2023 10:24	20403 ASHF_T2	1	9	8	1.6	0.43	-1.17	0.51	0.53	0	0	0	0	0	0
10/19/2023 10:24	60801 BUCK_T1	2	1	-1	0.3	0.5	0.2	0.12	0.14	0	0	0	0	0	0
10/19/2023 10:24	67502 WEWI_T2	6	6	0	0.3	0.32	0.02	-0.18	-0.12	0	0	0	0	0	0
10/19/2023 10:25	65601 QVIL_T2	1	2	1	0.2	0.2	0	0	0	0	0	0	0	0	0
10/19/2023 10:27	17802 GILB_T1	0	0	0	0	0	0	0.12	0.12	0	0	0	0	0	0
10/19/2023 10:27	28403 HART_T2	0	0	0	0	0	0	-0.82	-0.82	1	1	0	900	900	0
10/19/2023 10:28	44902 SCOT_T2	0	59	59	0	0.27	0.27	0	0	0	0	0	0	0	0
10/19/2023 10:28	52402 GRPA_T2	3	4	1	1.87	1.4	-0.47	0	0	0	0	0	0	0	0
10/19/2023 10:29	21606 EYNO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/19/2023 10:29	40902 JESH_T1	0	0	0	0	0	0	-0.32	-0.22	2	2	0	1200	1200	0
10/19/2023 10:29	43402 BENT_T1	0	2	2	0	0.25	0.25	-1.27	-0.67	2	1	-1	1500	900	-600
10/19/2023 10:29	17805 GILB_T2	0	0	0	0	0	0	-0.04	-0.02	0	0	0	0	0	0
10/19/2023 10:30	44901 SCOT_T2	0	57	57	0	0.2	0.2	0	0	0	0	0	0	0	0
10/19/2023 10:30	17805 GILB_T2	0	0	0	0	0	0	-0.04	-0.02	0	0	0	0	0	0
10/19/2023 10:31	12701 MACU_T1	0	0	0	0	0	0	0.1	0.02	0	0	0	0	0	0
10/19/2023 10:32	44901 SCOT_T2	0	57	57	0	0.2	0.2	0.29	0.39	0	0	0	0	0	0
10/19/2023 10:33	41902 REED_T1	0	2	2	0	0.1	0.1	1.05	1.04	0	0	0	0	0	0
10/19/2023 10:33	12701 MACU_T1	0	0	0	0	0	0	0.1	0.02	0	0	0	0	0	0
10/19/2023 10:34	64101 REFR_T1	0	0	0	0	0	0	-0.15	-0.13	0	0	0	0	0	0
10/19/2023 10:34	44201 POIN_T1	0	0	0	0	0	0	-0.86	-0.93	2	2	0	2100	2100	0
10/19/2023 10:35	41902 REED_T1	0	2	2	0	0.1	0.1	2.1	2.08	0	0	0	0	0	0
10/19/2023 10:37	43304 WATS_T2	0	0	0	0	0	0	-0.48	-0.45	0	0	0	0	0	0
10/19/2023 10:37	16302 ALPA_T2	0	0	0	0	0	0	1.37	1.36	0	0	0	0	0	0
10/19/2023 10:37	67503 WEWI_T2	0	2	2	0	0.2	0.2	-0.48	-0.54	0	0	0	0	0	0
10/19/2023 10:37	59102 WALK_T2	0	1	1	0	0.1	0.1	0	0	0	0	0	0	0	0
10/19/2023 10:38	43301 WATS_T2	1	1	0	0.9	1	0.1	0.36	0.34	0	0	0	0	0	0
10/19/2023 10:39	59101 WALK_T2	1	1	0	0	0	0	1.84	1.91	0	0	0	0	0	0
10/19/2023 10:39	20401 ASHF_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/19/2023 10:39	29402 BELT_T1	1	2	1	8.2	4.3	-3.9	0	0	0	0	0	0	0	0
10/19/2023 10:39	16302 ALPA_T2	0	0	0	0	0	0	0.68	0.68	0	0	0	0	0	0
10/19/2023 10:39	15001 BLMO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/19/2023 10:40	43402 BENT_T1	0	2	2	0	0.35	0.35	-1.27	-0.67	1	1	0	900	900	0
10/19/2023 10:40	16302 ALPA_T2	0	0	0	0	0	0	0.68	0.68	0	0	0	0	0	0
10/19/2023 10:41	15001 BLMO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/19/2023 10:41	43402 BENT_T1	0	2	2	0	0.35	0.35	-1.27	-0.67	1	1	0	900	900	0
10/19/2023 10:41	46801 HEPB_T2	2	2	0	0.4	0.65	0.25	0.58	0.61	0	0	0	0	0	0
10/19/2023 10:42	67503 WEWI_T2	0	2	2	0	0.2	0.2	-0.48	-0.54	0	0	0	0	0	0
10/19/2023 10:42	22901 HARW_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/19/2023 10:44	45702 LIND_T2	1	1	0	1.2	1.5	0.3	-0.32	-0.32	0	0	0	0	0	0
10/19/2023 10:48	66504 SMAN_T2	0	0	0	0	0	0	-0.28	-0.34	0	0	0	0	0	0
10/19/2023 10:48	56503 ROCK_T2	0	1	-1	0.2	0.2	0	0	0	0	0	0	0	0	0
10/19/2023 10:49	52402 GRPA_T2	3	11	8	1.7	0.88	-0.82	0	0	0	0	0	0	0	0
10/19/2023 10:49	66701 STRA_T1	1	1	0	0.8	1.1	0.3	0	0	0	0	0	0	0	0
10/19/2023 10:49	59102 WALK_T2	0	1	1	0	0.3	0.3	0	0	0	0	0	0	0	0
10/19/2023 10:50	44802 EDAN_T2	0	0	0	0	0	0	-1.84	-1.76	0	0	0	0	0	0
10/19/2023 10:50	59101 WALK_T2	1	1	0	0	0	0	1.91	2.38	0	0	0	0	0	0
10/19/2023 10:50	27502 WEIS_T2	0	0	0	0	0	0	-0.57	-0.5	0	0	0	0	0	0
10/19/2023 10:51	59102 WALK_T2	0	1	1	0	0.3	0.3	0	0	0	0	0	0	0	0
10/19/2023 10:51	44802 EDAN_T2	0	0	0	0	0	0	-0.92	-0.88	0	0	0	0	0	0
10/19/2023 10:53	59102 WALK_T2	0	1	1	0	0.3	0.3	0	0	0	0	0	0	0	0
10/19/2023 10:53	28604 BLYT_T2	0	1	1	0	0.3	0.3	-1.42	-1.4	0	0	0	0	0	0
10/19/2023 10:55	28604 BLYT_T2	0	1	1	0	0.3	0.3	-1.42	-1.4	0	0	0	0	0	0
10/19/2023 10:56	60801 BUCK_T1	1	19	18	0.5	0.23	-0.27	0	0	0	0	0	0	0	0
10/19/2023 10:56	28403 HART_T2	0	0	0	0	0	0	-0.84	-0.81	1	1	0	900	900	0
10/19/2023 10:56	15001 BLMO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/19/2023 10:57	60801 BUCK_T1	1	19	18	0.5	0.23	-0.27	0	0	0	0	0	0	0	0
10/19/2023 10:59	41801 GOCI_T2	4	5	1	0.35	0.46	0.11	0	0	0	0	0	0	0	0
10/19/2023 11:00	58401 MORO_T1	2	5	3	0.25	0.38	0.13	-0.97	-1	1	1	0	600	600	0
10/19/2023 11:00	39601 LNFD_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/19/2023 11:02	52401 GRPA_T2	0	2	2	0	0.25	0.25	0	0	0	0	0	0	0	0
10/19/2023 11:02	60501 NMAN_T2	4	5	1	3.9	3.28	-0.62	0	0	0	0	0	0	0	0
10/19/2023 11:02	64101 REFR_T1	0	1	1	0	0.2	0.2	-0.17	-0.16	0	0	0	0	0	0
10/19/2023 11:03	52402 GRPA_T2	5	17	12	1.4	0.72	-0.68	0	0	0	0	0	0	0	0
10/19/2023 11:04	66703 STRA_T1	6	24	18	0.32	0.31	-0.01	-0.22	-0.16	0	0	0	0	0	0
10/19/2023 11:04	58402 MORO_T1	0	0	0	0	0	0	-1.01	-0.94	2	2	0	1500	1500	0
10/19/2023 11:04	14802 TREI_T2	12	23	11	0.21	0.28	0.07	0	0	0	0	0	0	0	0
10/19/2023 11:04	58401 MORO_T1	2	5	3	0.25	0.38	0.13	-0.97	-1	1	1	0	600	600	0
10/19/2023 11:04	13701 SCHN_T2	1	17	16	0.1	0.32	0.22	0	0	0	0	0	0	0	0
10/19/2023 11:04	64101 REFR_T1	0	1	1	0	0.2	0.2	-0.17	-0.16	0	0	0	0	0	0
10/19/2023 11:05	52403 GRPA_T2	4	6	2	0.15	0.45	0.3	0.02	0.02	0	0	0	0	0	0
10/19/2023 11:05	52401 GRPA_T2	0	2	2	0	0.25	0.25	0	0	0	0	0	0	0	0
10/19/2023 11:05	52502 PROG_T2	0	0	0	0	0	0	0.2	0.24	0	0	0	0	0	0
10/19/2023 11:05	64101 REFR_T1	0	1	1	0	0.2	0.2	-0.35	-0.33	0	0	0	0	0	0
10/19/2023 11:06	52502 PROG_T2	0	0	0	0	0	0	0.2	0.24	0	0	0	0	0	0
10/19/2023 11:06	45902 AUBU_T1	0	3	3	0	1.73	1.73	0	0	1	1	0	600	600	0
10/19/2023 11:06	54001 SDLE_T1	6	7	1	0.62	0.7	0.08	0	0	1	0	-1	600	0	-600
10/19/2023 11:07	54001 SDLE_T1	6	7	1	0.62	0.7	0.08	0	0	1	0	-1	600	0	-600
10/19/2023 11:07	64101 REFR_T1	0	1	1	0	0.2	0.2	-0.35	-0.33	0	0	0	0	0	0
10/19/2023 11:08	29401 BELT_T1	49	108	59	0.17	0.28	0.11	0	0	1	1	0	900	900	0
10/19/2023 11:08	10805 CHHI_T2	7	7	0	2.63	7.8	5.17	-1.64	-1.6	2	2	0	2400	2400	0
10/19/2023 11:09	14802 TREI_T2	12	23	11	0.21	0.28	0.07	0	0	0	0	0	0	0	0
10/19/2023 11:09	45402 WBLO_T2	51	49	-2	0.34	0.38	0.04	-0.8	-0.81	0	0	0	0	0	0
10/19/2023 11:10	45902 AUBU_T1	0	3	3	0	1.73	1.73	0	0	1	1	0	600	600	0
10/19/2023 11:11	15001 BLMO_T1	0	2	2	0	0.3	0.3	0	0	0	0	0	0	0	0
10/19/2023 11:12	29402 BELT_T1	2	6	4	4.3	1.87	-2.43	0	0	0	0	0	0	0	0
10/19/2023 11:13	52004 LING_T2	1	1	0	1.3	1.1	-0.2	0.21	0.22	0	0	0	0	0	0
10/19/2023 11:13	22901 HARW_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/19/2023 11:15	53903 HALI_T2	3	2	-1	0.77	1.1	0.33	-0.06	-0.08	0	0	0	0	0	0
10/19/2023 11:16	39601 LNFD_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/19/2023 11:16	40902 JESH_T1	0	0	0	0	0	0	-0.48	-0.56	2	2	0	1200	1200	0
10/19/2023 11:17	64101 REFR_T1	0	1	1	0	0.2	0.2	-0.33	-0.24	0	0	0	0	0	0
10/19/2023 11:17	13105 NHAM_T2	0	0	0	0	0	0	-0.35	-0.33	1	1	0	1200	1200	0
10/19/2023 11:17	53903 HALI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/19/2023 11:18	64101 REFR_T1	0	1	1	0	0.2	0.2	-0.16	-0.12	0	0	0	0	0	0
10/19/2023 11:18	42201 SHEN_T2	0	1	1	0	0.1	0.1	-0.13	-0.17	1	1	0	600	600	0
10/19/2023 11:19	54701 NEBL_T1	2	2	0	0.1	0.1	0	0	0	1	1	0	600	600	0
10/19/2023 11:19	43402 BENT_T1	3	2	-1	0.43	0.25	-0.18	-1.29	-1.26	1	2	1	900	1500	600
10/19/2023 11:19	15103 UPHA_T2	0	2	2	0	0.35	0.35	0.36	0.37	0	0	0	0	0	0
10/19/2023 11:20	64101 REFR_T1	0	1	1	0	0.2	0.2	-0.33	-0.24	0	0	0	0	0	0
10/19/2023 11:20	13302 ORVI_T2	3	3	0	0.47	0.7	0.23	1.03	1.09	0	0	0	0	0	0
10/19/2023 11:21	64101 REFR_T1	0	1	1	0	0.2	0.2	-0.16	-0.12	0	0	0	0	0	0
10/19/2023 11:21	52402 GRPA_T2	11	31	20	0.88	0.55	-0.33	0	0	0	0	0	0	0	0
10/19/2023 11:21	42701 AUGU_T1	1	1	0	0.8	0.6	-0.2	0	0	2	2	0	1800	1800	0
10/19/2023 11:22	67401 WAKE_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/19/2023 11:22	42701 AUGU_T1	1	1	0	0.8	0.6	-0.2	0	0	2	2	0	1800	1800	0
10/19/2023 11:23	42701 AUGU_T1	1	1	0	0.8	0.6	-0.2	0	0	2	2	0	1800	1800	0
10/19/2023 11:24	10805 CHHI_T2	7	1	-6	1.69	7.8	6.11	-0.8	-0.92	1	1	0	1200	1200	0
10/19/2023 11:25	49803 UNIV_T1	0	4	4	0	0.45	0.45	-1.04	-1.06	0	0	0	0	0	0
10/19/2023 11:27	39601 LNFD_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/19/2023 11:28	44901 SCOT_T2	36	2	-34	0.17	0.15	-0.02	0.54	0.55	0	0	0	0	0	0
10/19/2023 11:28	46602 LACR_T1	0	0	0	0	0	0	-0.1	-0.12	0	0	0	0	0	0
10/19/2023 11:29	43402 BENT_T1	3	2	-1	0.43	0.25	-0.18	-1.26	-0.65	2	1	-1	1500	900	-600
10/19/2023 11:29	42001 MNVL_T2	7	16	9	0.34	0.23	-0.11	0.01	0.02	0	0	0	0	0	0
10/19/2023 11:30	58301 MCAL_T1	8	59	51	0.63	0.37	-0.26	-1.47	-1.47	1	1	0	600	600	0
10/19/2023 11:30	58401 MORO_T1	5	3	-2	0.38	0.37	-0.01	-1.02	-1.03	1	1	0	600	600	0
10/19/2023 11:31	58401 MORO_T1	5	3	-2	0.38	0.37	-0.01	-1.02	-1.03	1	1	0	600	600	0
10/19/2023 11:31	46504 LOHA_T1	2	11	9	0.55	0.38	-0.17	0	0	0	0	0	0	0	0
10/19/2023 11:31	58402 MORO_T1	0	0	0	0	0	0	-1.02	-1.05	2	2	0	1500	1500	0
10/19/2023 11:32	65003 NEFF_T2	2	4	2	0.25	0.3	0.05	0	0	0	0	0	0	0	0
10/19/2023 11:32	58401 MORO_T1	5	3	-2	0.38	0.37	-0.01	0	0	0	0	0	0	0	0
10/19/2023 11:32	44901 SCOT_T2	2	3	1	0.15	0.13	-0.02	0.54	0.55	0	0	0	0	0	0
10/19/2023 11:32	59301 MCAL_T1	8	59	51	0.63	0.37	-0.26	0	0	0	0	0	0	0	0
10/19/2023 11:33	54001 SDLE_T1	5	6	1	0.86	0.87	0.01	0	0	0	0	0	0	0	0
10/19/2023 11:33	58401 MORO_T1	5	3	-2	0.38	0.37	-0.01	-2.04	-2.06	2	2	0	1200	1200	0
10/19/2023 11:34	52402 GRPA_T2	17	30	13	0.68	0.54	-0.14	0	0	0	0	0	0	0	0
10/19/2023 11:34	58401 MORO_T1	5	3	-2	0.38	0.37	-0.01	-1.02	-1.03	1	1	0	600	600	0
10/19/2023 11:35	58402 MORO_T1	0	0	0	0	0	0	-1.02	-1.05	2	2	0	1500	1500	0
10/19/2023 11:35	52403 GRPA_T2	3	4	1	0.23	0.5	0.27	0	0.02	0	0	0	0	0	0
10/19/2023 11:35	43301 WATS_T2	1	1	0	0.9	1	0.1	0	0	0	0	0	0	0	0
10/19/2023 11:35	58402 MORO_T1	0	0	0	0	0	0	-1.02	-1.05	2	2	0	1500	1500	0
10/19/2023 11:35	67204 TEHI_T2	1	2	1	0.3	0.5	0.2	-0.02	-0.03	0	0	0	0	0	0
10/19/2023 11:35	67201 TEHI_T1	0	1	1	0	0

Appendix C - Grid Benefits Achieved in Each Instance of Active Management

10/19/2023 12:04	46301 ROHR_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/19/2023 12:04	54001 SDLE_T1	4	10	6	1.15	0.74	-0.41	0	0	0	0	0	0	0	0
10/19/2023 12:05	54001 SDLE_T1	4	10	6	1.15	0.74	-0.41	0	0	0	0	0	0	0	0
10/19/2023 12:06	52402 GRPA_T2	11	11	0	0.87	0.92	0.05	0	0	0	0	0	0	0	0
10/19/2023 12:06	16301 ALPA_T1	3	3	0	0.4	0.37	-0.03	-0.41	-0.42	0	0	0	0	0	0
10/19/2023 12:07	16301 ALPA_T1	3	3	0	0.4	0.37	-0.03	-0.41	-0.42	0	0	0	0	0	0
10/19/2023 12:07	20401 ASHF_T2	4	3	-1	0.23	0.37	0.14	0	0	0	0	0	0	0	0
10/19/2023 12:08	65604 QVIL_T2	0	0	0	0	0	0	0.36	0.35	0	0	0	0	0	0
10/19/2023 12:08	52402 GRPA_T2	11	11	0	0.87	0.92	0.05	0	0	0	0	0	0	0	0
10/19/2023 12:08	52402 GRPA_T2	11	11	0	0.87	0.92	0.05	0	0	0	0	0	0	0	0
10/19/2023 12:08	52401 GRPA_T2	1	1	0	0.3	0.4	0.1	-0.49	-0.49	0	0	0	0	0	0
10/19/2023 12:08	56802 BENV_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/19/2023 12:09	52403 GRPA_T2	4	10	6	0.48	0.41	-0.07	0.01	0.03	0	0	0	0	0	0
10/19/2023 12:09	20403 ASHF_T2	5	16	11	0.72	0.49	-0.23	0.38	0.34	0	0	0	0	0	0
10/19/2023 12:11	65601 QVIL_T2	2	4	2	0.15	0.55	0.4	0	0	0	0	0	0	0	0
10/19/2023 12:11	16301 ALPA_T1	3	3	0	0.4	0.37	-0.03	-0.41	-0.42	0	0	0	0	0	0
10/19/2023 12:13	45001 LIME_2	24	28	4	0.36	0.34	-0.02	0	0	0	0	0	0	0	0
10/19/2023 12:15	53902 HAU_T2	0	0	0	0	0	0	-0.93	-0.92	0	0	0	0	0	0
10/19/2023 12:15	46602 LACR_T1	0	0	0	0	0	0	-0.06	-0.1	0	0	0	0	0	0
10/19/2023 12:16	53901 HAU_T2	1	0	-1	0.1	0	-0.1	0	0	0	0	0	0	0	0
10/19/2023 12:16	60502 NMAN_T2	0	0	0	0	0	0	-0.08	-0.06	0	0	0	0	0	0
10/19/2023 12:18	45003 LIME_2	1	1	0	4.6	4.6	0	0	0	1	1	0	1200	1200	0
10/19/2023 12:18	42001 MNVL_T2	2	1	-1	0.3	0.1	-0.2	-0.02	-0.06	0	0	0	0	0	0
10/19/2023 12:19	43402 BENT_T1	3	0	-3	0.37	0	-0.37	-1.37	-1.34	2	1	-1	1500	900	-600
10/19/2023 12:20	67203 TEHI_T1	0	0	0	0	0	0	2.23	2.25	1	2	1	600	1500	900
10/19/2023 12:22	67201 TEHI_T1	0	1	1	0	0.1	0.1	0.34	0.38	2	2	0	1500	1500	0
10/19/2023 12:27	52401 GRPA_T2	0	1	1	0	0.6	0.6	0	0	0	0	0	0	0	0
10/19/2023 12:29	44902 SCOT_T2	21	5	-16	0.35	0.5	0.15	0	0	0	0	0	0	0	0
10/19/2023 12:29	43402 BENT_T1	3	0	-3	0.37	0	-0.37	-1.34	-0.73	1	1	0	900	900	0
10/19/2023 12:31	44902 SCOT_T2	5	5	0	0.5	0.56	0.06	-0.85	-0.87	0	0	0	0	0	0
10/19/2023 12:32	50506 MECH_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/19/2023 12:32	44901 SCOT_T2	0	0	0	0	0	0	0.47	0.5	0	0	0	0	0	0
10/19/2023 12:33	50506 MECH_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/19/2023 12:33	53902 HAU_T2	0	1	1	0	0.3	0.3	0	0	0	0	0	0	0	0
10/19/2023 12:40	20401 ASHF_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/19/2023 12:49	42001 MNVL_T2	1	4	3	0.1	0.37	0.27	-0.01	-0.04	0	0	0	0	0	0
10/19/2023 12:51	20401 ASHF_T2	3	3	0	0.37	0.53	0.16	0	0	0	0	0	0	0	0
10/19/2023 12:54	20402 ASHF_T2	0	1	1	0	0	0	0	0	0	0	0	0	0	0
10/19/2023 12:57	45902 AUBU_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/19/2023 13:00	26603 BROO_T1	1	0	-1	0.4	0	-0.4	0.25	0.29	0	0	0	0	0	0
10/19/2023 13:01	53903 HAU_T2	2	4	2	1	0.8	-0.2	-0.05	-0.07	0	0	0	0	0	0
10/19/2023 13:03	53902 HAU_T2	1	1	0	0.3	0.2	-0.1	-0.92	-0.94	0	0	0	0	0	0
10/19/2023 13:04	15603 NSTR_T2	1	1	0	1.2	1	-0.2	-0.6	-0.59	0	0	0	0	0	0
10/19/2023 13:04	46302 ROHR_T1	4	2	-2	1.83	4.1	2.27	0	0	0	0	0	0	0	0
10/19/2023 13:05	52403 GRPA_T2	2	1	-1	1.2	0.8	-0.4	0	0	0	0	0	0	0	0
10/19/2023 13:06	52402 GRPA_T2	9	9	0	0.94	1.04	0.1	0	0	0	0	0	0	0	0
10/19/2023 13:06	27503 WEIS_T2	2	0	-2	0.3	0	-0.3	0	0	0	0	0	0	0	0
10/19/2023 13:07	20403 ASHF_T2	6	6	0	0.4	0.3	-0.1	0.4	0.37	0	0	0	0	0	0
10/19/2023 13:07	46004 BERW_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/19/2023 13:07	14801 TREI_T2	92	98	6	0.27	0.35	0.08	0	0	0	0	0	0	0	0
10/19/2023 13:08	45902 AUBU_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/19/2023 13:08	67401 WAKE_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/19/2023 13:09	46001 BERW_T1	0	0	0	0	0	1.99	1.96	0	0	0	0	0	0	0
10/19/2023 13:09	14802 TREI_T2	16	18	2	0.24	0.26	0.02	0.27	0.32	0	0	0	0	0	0
10/19/2023 13:13	46602 LACR_T1	0	0	0	0	0	0	-0.12	-1.06	0	0	0	0	0	0
10/19/2023 13:14	22901 HARW_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/19/2023 13:15	53901 HAU_T2	1	3	2	0.1	0.27	0.17	0	0	0	0	0	0	0	0
10/19/2023 13:19	43402 BENT_T1	5	59	54	0.16	0.25	0.09	-0.67	-0.7	1	1	0	900	900	0
10/19/2023 13:23	20401 ASHF_T2	3	2	-1	0.23	0.45	0.22	0	0	0	0	0	0	0	0
10/19/2023 13:23	45902 AUBU_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/19/2023 13:23	67401 WAKE_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/19/2023 13:24	43301 WATS_T2	1	1	0	1.1	1.4	0.3	0	0	0	0	0	0	0	0
10/19/2023 13:25	20401 ASHF_T2	3	2	-1	0.23	0.45	0.22	0	0	0	0	0	0	0	0
10/19/2023 13:29	43402 BENT_T1	5	59	54	0.16	0.25	0.09	-0.7	-0.68	1	1	0	900	900	0
10/19/2023 13:30	42902 MIDD_T2	4	3	-1	0.6	0.87	0.27	0	0	0	0	0	0	0	0
10/19/2023 13:31	42002 MNVL_T2	1	1	0	4.3	4.2	-0.1	0	0	0	0	0	0	0	0
10/19/2023 13:31	58402 MORO_T1	0	0	0	0	0	0	-2.07	-2.08	4	4	0	3000	3000	0
10/19/2023 13:33	42902 MIDD_T2	4	3	-1	0.6	0.87	0.27	0	0	0	0	0	0	0	0
10/19/2023 13:33	58402 MORO_T1	0	0	0	0	0	0	-1.03	-1.04	2	2	0	1500	1500	0
10/19/2023 13:33	53903 HAU_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/19/2023 13:34	46302 ROHR_T1	2	5	3	4.1	1.78	-2.32	0	0	0	0	0	0	0	0
10/19/2023 13:34	25801 SUTR_T2	0	0	0	0	0	0	-0.03	-0.03	0	0	0	0	0	0
10/19/2023 13:34	42902 MIDD_T2	4	3	-1	0.6	0.87	0.27	0	0	0	0	0	0	0	0
10/19/2023 13:37	20403 ASHF_T2	4	31	27	0.28	0.31	0.03	0.14	0.25	0	0	0	0	0	0
10/19/2023 13:37	64101 REFR_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/19/2023 13:37	46004 BERW_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/19/2023 13:38	42701 AUGU_T1	1	3	2	1	0.73	-0.27	0	0	2	2	0	1800	1800	0
10/19/2023 13:39	45902 AUBU_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/19/2023 13:39	43301 WATS_T2	1	1	0	1.3	1.4	0.1	0	0	0	0	0	0	0	0
10/19/2023 13:40	42701 AUGU_T1	1	3	2	1	0.73	-0.27	0	0	2	2	0	1800	1800	0
10/19/2023 13:41	56802 BENV_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/19/2023 13:42	56802 BENV_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/19/2023 13:46	42902 MIDD_T2	3	3	0	0.87	0.57	-0.3	0	0	0	0	0	0	0	0
10/19/2023 13:49	46301 ROHR_T1	3	3	0	0.4	0.37	-0.03	0	0	0	0	0	0	0	0
10/19/2023 13:52	46301 ROHR_T1	3	3	0	0.4	0.37	-0.03	0.2	0.19	0	0	0	0	0	0
10/19/2023 13:52	45902 AUBU_T1	0	4	4	0	0.18	0.18	0	0	1	1	0	600	600	0
10/19/2023 13:53	65604 QVIL_T2	0	0	0	0	0	0	0.34	0.33	0	0	0	0	0	0
10/19/2023 13:54	42701 AUGU_T1	2	3	1	0.7	0.73	0.03	0	0	2	2	0	1800	1800	0
10/19/2023 13:54	45902 AUBU_T1	0	4	4	0	0.18	0.18	0	0	1	1	0	600	600	0
10/19/2023 13:55	45901 AUBU_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/19/2023 13:55	67401 WAKE_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/19/2023 13:56	65604 QVIL_T2	0	0	0	0	0	0	0.34	0.33	0	0	0	0	0	0
10/19/2023 14:02	52501 PROG_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/19/2023 14:03	23301 JEFF_T1	1	2	1	0.3	0.35	0.05	0	0	0	0	0	0	0	0
10/19/2023 14:05	53903 HAU_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/19/2023 14:06	40201 BEGA_T2	16	24	8	0.42	0.41	-0.01	0	0	0	0	0	0	0	0
10/19/2023 14:07	20401 ASHF_T2	1	3	2	0.2	0.3	0.1	0	0	0	0	0	0	0	0
10/19/2023 14:07	16302 ALPA_T2	0	0	0	0	0	0	1.28	1.2	0	0	0	0	0	0
10/19/2023 14:08	16302 ALPA_T2	0	0	0	0	0	0	0.64	0.6	0	0	0	0	0	0
10/19/2023 14:08	45902 AUBU_T1	4	0	-4	0.18	0	-0.18	0	0	1	1	0	600	600	0
10/19/2023 14:08	52401 GRPA_T2	1	1	0	0.8	0.7	-0.1	-0.48	-0.5	0	0	0	0	0	0
10/19/2023 14:09	52502 PROG_T2	0	0	0	0	0	0	0.21	0.22	0	0	0	0	0	0
10/19/2023 14:09	45902 AUBU_T1	4	0	-4	0.18	0	-0.18	0	0	1	1	0	600	600	0
10/19/2023 14:09	42701 AUGU_T1	3	2	-1	0.73	0.65	-0.08	0	0	2	2	0	1800	1800	0
10/19/2023 14:09	46001 BERW_T1	0	0	0	0	0	0	1.03	1	0	0	0	0	0	0
10/19/2023 14:09	40201 BEGA_T2	16	24	8	0.42	0.41	-0.01	0	0	0	0	0	0	0	0
10/19/2023 14:10	52403 GRPA_T2	0	0	0	0	0	0	0.01	0.08	0	0	0	0	0	0
10/19/2023 14:10	42701 AUGU_T1	3	2	-1	0.73	0.65	-0.08	0	0	2	2	0	1800	1800	0
10/19/2023 14:10	20401 ASHF_T2	1	3	2	0.2	0.3	0.1	0	0	0	0	0	0	0	0
10/19/2023 14:10	16302 ALPA_T2	0	0	0	0	0	0	0.64	0.6	0	0	0	0	0	0
10/19/2023 14:11	46001 BERW_T1	0	0	0	0	0	0	1.03	1	0	0	0	0	0	0
10/19/2023 14:11	42701 AUGU_T1	3	2	-1	0.73	0.65	-0.08	0	0	2	2	0	1800	1800	0
10/19/2023 14:12	42701 AUGU_T1	3	2	-1	0.73	0.65	-0.08	0	0	2	2	0	1800	1800	0
10/19/2023 14:12	22901 HARW_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/19/2023 14:13	26603 BROO_T1	0	0	0	0	0	0	0.26	0.25	0	0	0	0	0	0
10/19/2023 14:15	58402 MORO_T1	0	0	0	0	0	0	-1.06	-1.11	2	2	0	1500	1500	0
10/19/2023 14:17	44902 SCOT_T2	4	8	4	0.4	0.35	-0.05	0	0	0	0	0	0	0	0
10/19/2023 14:18	42002 MNVL_T2	1	1	0	4.3	4.2	-0.1	0	0	0	0	0	0	0	0
10/19/2023 14:18	58402 MORO_T1	0	0	0	0	0	0	-1.06	-1.11	2	2	0	1500	1500	0
10/19/2023 14:19	58402 MORO_T1	0	0	0	0	0	0	-1.06	-1.11	2	2	0	1500	1500	0
10/19/2023 14:19	43402 BENT_T1	0	11	11	0	0.54	0.54	-0.66	-0.7	1	1	0	900	900	0
10/19/2023 14:20	59102 WALK_T2	3	2	-1	0.37	0.15	-0.22	0	0	0	0	0	0	0	0
10/19/2023 14:20	65003 NEFF_T2	5	5	0	0.16	0.16	0	0	0	0	0	0	0	0	0
10/19/2023 14:21	59101 WALK_T2	1	1	0	0	0	0	1.39	1.76	0	0	0	0	0	0
10/19/2023 14:21	65601 QVIL_T2	0	1	1	0	0	0	0	0	0	0	0	0	0	0
10/19/2023 14:21	46001 BERW_T1	0	0	0	0	0	0	1	1	0	0	0	0	0	0
10/19/2023 14:22	16301 ALPA_T1	1	1	0	0.2	0.2	0	-0.37	-0.35	0	0	0	0	0	0
10/19/2023 14:22	67401 WAKE_T2	321	397	76	0.31	0.35	0.04	-1.1	-1.09	0	0	0	0	0	0
10/19/2023 14:22	52401 GRPA_T2	1	1	0	0.7	0.8	0.1	0	0	0	0	0	0	0	0
10/19/2023 14:22	42701 AUGU_T1	2	2	0	0.55	0.7	0.15	0	0	4	4	0	3600	3600	0
10/19/2023 14:23	16302 ALPA_T2	0	0	0	0	0	0	0.6	0.65	0	0	0	0	0	0
10/19/2023 14:23	67605 WARW_T1	15	13	-2	0.57	0.64	0.07	-1.08	-1.06	0	0	0	0	0	0
10/19/2023 14:23	59101 WALK_T2	1	1	0	0	0	0	4.17	5.28	0	0	0	0	0	0
10/19/2023 14:23	67401 WAKE_T2	321	397	76	0.31	0.35	0.04	0	0	0	0	0	0	0	0
10/19/2023 14:23	16301 ALPA_T1	1	1	0	0.2	0.2	0	-0.37	-0.35	0	0	0	0	0	0
10/19/2023 14:24	43302 WATS_T2	0	4	4	0	0.13	0.13	0	0	0	0	0	0	0	0
10/19/2023 14:24	65604 QVIL_T2	0	3	3	0	0	0	0.33	0.33	0	0	0	0	0	0
10/19/2023 14:24	20401 ASHF_T2	1	3	2	0.2	0.33	0.13	0	0	0	0	0	0	0	0
10/19/2023 14:24	16302 ALPA_T2	0	0	0	0	0	0	1.2	1.3	0	0	0	0	0	0
10/19/2023 14:24	59101 WALK_T2	1	1	0	0	0	0	1.39	1.76	0	0	0	0	0	0
10/19/2023 14:24	45902 AUBU_T1	0	0	0	0	0	0	0	0	1	1	0	600	600	0
10/19/2023 14:25	27502 WEIS_T2	0	0	0	0	0	0	-0.48	-0.5	0	0	0	0	0	0
10/19/2023 14:25	46001 BERW_T1	0	0	0	0	0	0	1	1	0	0	0	0	0	0
10/19/2023 14:25	16301 ALPA_T1	1	1	0	0.2	0.2	0	-0.37	-0.35	0	0	0	0	0	0
10/19/2023 14:25	43301 WATS_T2	1	1	0	1.5	1.4	-0.1	0.31	0.3	0	0	0	0	0	0
10/19/2023 14:25	45902 AUBU_T1	0	0	0	0	0	0	0	0	1	1	0	600	600	0
10/19/2023 14:25	42701 AUGU_T1	2	2	0	0.55	0.7	0.15	0	0	2	2	0	1800	1800	0
10/19/2023 14:26	52401 GRPA_T2	1	1	0	0.7	0.8	0.1	0	0	0	0	0	0	0	0
10/19/2023 14:26	20403 ASHF_T2	2	22	20	0.1	0.33	0.23	0.29	0	0	0	0	0	0	0
10/19/2023 14:26	16302 ALPA_T2	0	0	0	0	0	0	0.6	0.65	0	0	0	0	0	0
10/19/2023 14:26	42701 AUGU_T1	2	2	0	0.55	0.7	0.15	0	0	2	2	0	1800	1800	0
10/19/2023 14:27	46801 HEPB_T2	2	2	0	0.9	0.9	0	0.55	0.57	0	0	0	0	0	0
10/19/2023 14:29	43402 BENT_T1	0	11	11	0	0.54	0.54	-0.7	-0.65	1	1	0	900	900	0
10/19/2023 14:29	26603 BROO_T1	0	1	1	0	0	0	0.25	0.25	0	0	0	0	0	0
10/19/2023 14:30	53901 HAU_T2	1	1	0	0.3	0.3	0	0	0	0	0	0	0	0	0
10/19/2023 14:30	52402 GRPA_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/19/2023 14:31	58402 MORO_T1	0	0	0	0	0	0	-1.11	-1.13	2	2	0	1500	1500	0
10/19/2023 14:32	64101 REFR_T1	2	3	1	0.1	0.23	0.13	-0.15	-0.15	0	0	0	0	0	0
10/19/2023 14:33	42902 MIDD_T2	2	3	1	0.5	0.4	-0.1	-0.82	-0.83	1	1	0	600	600	0
10/19/2023 14:34	42903 MIDD_T2	0	2	2	0	0.25	0.25	0	0	0	0	0	0	0	0
10/19/2023 14:34	42002 MNVL_T2	1	1	0	4.2	4.3	0.1	0	0	0	0	0	0	0	0
10/19/2023 14:34	46301 ROHR_T1	5	6	1	0.56	0.48	-0.08	0	0	0	0	0	0	0	0
10/19/2023 14:34	53901 HAU_T2	1	1	0	0.3	0.3	0	0	0	0	0	0	0	0	0
10/19/2023 14:34	56504 ROCK_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/19/2023 14:34	58402 MORO_T1	0	0	0	0	0	0	-2.22	-2.26	4	4	0	3000	3000	0
10/19/2023 14:34	64101 REFR_T1	2	3	1	0.1	0.23	0.13	-0.15	-0.15	0	0	0	0	0	0
10/19/2023 14:35	64101 REFR_T1	2	3	1	0.1	0.23	0.13	-0.31	-0.31	0	0	0	0	0	0
10/19/2023 14:35	27502 WEIS_T2	0	0	0	0	0	0	-0.5	-0.54	0	0	0	0	0	0
10/19/2023 14:35	65003 NEFF_T2	4	5	1	0.18	0.2	0.02	0	0	0	0	0	0	0	0
10/19/2023 14:36	42201 SHEN_T2	1	1	0	0.1	0.2	0.1	-0.14	-0.17	1	1	0	600	600	0
10/19/2023 14:36	46301 ROHR_T1	5	6	1	0.56	0.48	-0.08	0	0	0	0	0	0	0	0
10/19/2023 14:37	42701 AUGU_T1	1	2	1	1.2	0.7	-0.5	0	0	4	4	0	3600	3600	0
10/19/2023 14:37	16302 ALPA_T2	0	0	0	0	0	0	0.65	0.6	0	0	0	0	0	0
10/19/2023 14:37	64101 REFR_T1	2	3	1	0.1	0.23	0.13	-0.15	-0.15	0	0	0	0	0	0
10/19/2023 14:37	65604 QVIL_T2	2	1	-1	0.35	0	-0.35	0.33	0.33	0	0	0	0	0	0
10/19/2023 14:37	20403 ASHF_T2	21	62	41	0.34	0.3	-0.04	0	0.09	0	0	0	0	0	0
10/19/2023 14:37	46001 BERW_T1	0	0	0	0	0	0	1	0.98	0	0	0	0	0	0
10/19/2023 14:38	10805 CHHI_T2	1	1	0	7.5	7.4	-0.1	-0.99	-0.95	1	1	0	1200	1200	0
10/19/2023 14:38	42701 AUGU_T1	1	2	1	1.2	0.7	-0.5	0	0	2

Appendix C - Grid Benefits Achieved in Each Instance of Active Management

10/19/2023 14:58	46602 LACR_T1	1	0	-1	1.1	0	-1.1	-0.13	-0.2	0	0	0	0	0	0
10/19/2023 15:00	53903 HAU_T2	2	2	0	1.25	1.3	0.05	-0.13	-0.17	0	0	0	0	0	0
10/19/2023 15:07	40201 BEGA_T2	16	18	2	0.4	0.36	-0.04	0	0	0	0	0	0	0	0
10/19/2023 15:07	59101 WALK_T2	1	1	0	0	0	0	1.96	1.81	0	0	0	0	0	0
10/19/2023 15:08	64101 REFR_T1	3	1	-2	0.23	0.2	-0.03	-0.13	-0.15	0	0	0	0	0	0
10/19/2023 15:09	59101 WALK_T2	1	1	0	0	0	0	1.96	1.81	0	0	0	0	0	0
10/19/2023 15:10	40201 BEGA_T2	16	18	2	0.4	0.36	-0.04	0	0	0	0	0	0	0	0
10/19/2023 15:15	64301 LINC_T1	0	0	0	0	0	0	0.09	0.04	1	1	0	600	600	0
10/19/2023 15:16	46506 LOHA_T1	0	1	1	0	0.2	0.2	0	0	0	0	0	0	0	0
10/19/2023 15:18	64101 REFR_T1	1	0	-1	0.2	0	-0.2	-0.15	-0.17	0	0	0	0	0	0
10/19/2023 15:18	24104 EHAZ_T1	295	300	5	0.48	0.48	0	-2.29	-2.27	1	1	0	1200	1200	0
10/19/2023 15:18	64303 LINC_T1	0	0	0	0	0	0	-0.23	-0.23	0	0	0	0	0	0
10/19/2023 15:19	43402 BENT_T1	1	0	-1	0.2	0	-0.2	-0.34	-0.64	1	1	0	900	900	0
10/19/2023 15:20	48302 ORWI_T2	2	2	0	1.6	1.75	0.15	0.04	0.01	0	0	0	0	0	0
10/19/2023 15:21	24902 WHHA_T1	10	21	11	0.11	0.1	-0.01	0.45	0.43	0	0	0	0	0	0
10/19/2023 15:22	64802 MONE_T2	0	88	88	0	0.23	0.23	-0.01	-0.01	0	0	0	0	0	0
10/19/2023 15:22	10602 BLGL_T2	0	0	0	0	0	0	0.65	0.43	0	0	0	0	0	0
10/19/2023 15:25	61301 EARL_T1	0	0	0	0	0	0	-1.49	-1.36	2	2	0	1800	1800	0
10/19/2023 15:26	54502 ENOL_T2	1	3	2	0.5	0.37	-0.13	0	0	0	0	0	0	0	0
10/19/2023 15:28	64702 LITI_T2	0	0	0	0	0	0	-0.63	-0.6	0	0	0	0	0	0
10/19/2023 15:29	43402 BENT_T1	1	0	-1	0.2	0	-0.2	-0.64	-0.4	1	1	0	900	900	0
10/19/2023 15:30	54505 ENOL_T2	1	1	0	1.1	1.4	0.3	0	0	0	0	0	0	0	0
10/19/2023 15:32	53901 HAU_T2	0	1	1	0	0.5	0.5	0	0	0	0	0	0	0	0
10/19/2023 15:32	64702 LITI_T2	0	0	0	0	0	0	-0.63	-0.6	0	0	0	0	0	0
10/19/2023 15:33	64702 LITI_T2	0	0	0	0	0	0	-0.63	-0.6	0	0	0	0	0	0
10/19/2023 15:34	56504 ROCK_T2	0	0	0	0	0	0	-0.34	-0.36	0	0	0	0	0	0
10/19/2023 15:36	43304 WATS_T2	0	0	0	0	0	0	-0.45	-0.43	0	0	0	0	0	0
10/19/2023 15:37	43304 WATS_T2	0	0	0	0	0	0	-0.9	-0.86	0	0	0	0	0	0
10/19/2023 15:39	43301 WATS_T2	1	1	0	1	1	0	0	0	0	0	0	0	0	0
10/19/2023 15:39	43402 BENT_T1	0	6	6	0	0.28	0.28	-0.64	-0.4	1	1	0	900	900	0
10/19/2023 15:41	28602 BLYT_T2	0	1	1	0	0.2	0.2	0	0	0	0	0	0	0	0
10/19/2023 15:47	54701 NEBL_T1	7	4	-3	0.37	0.5	0.13	0	0	1	1	0	600	600	0
10/19/2023 15:51	54204 PENN_T2	3	3	0	0.2	0.3	0.1	0	0	0	0	0	0	0	0
10/19/2023 15:56	52404 GRPA_T2	1	1	0	0.5	0.6	0.1	0	0	0	0	0	0	0	0
10/19/2023 15:57	54501 ENOL_T2	4	4	0	0.45	0.45	0	0	0	0	0	0	0	0	0
10/19/2023 15:58	54505 ENOL_T2	1	1	0	1.4	1.5	0.1	4.17	4.26	3	3	0	1800	1800	0
10/19/2023 15:58	54501 ENOL_T2	4	4	0	0.45	0.45	0	0.16	0.14	0	0	0	0	0	0
10/19/2023 15:58	20603 GRWO_T2	0	25	25	0	0.29	0.29	0.4	0.36	0	0	0	0	0	0
10/19/2023 15:59	52401 GRPA_T2	2	2	0	0.55	0.55	0	0	0	0	0	0	0	0	0
10/19/2023 15:59	20603 GRWO_T2	0	25	25	0	0.29	0.29	0.4	0.36	0	0	0	0	0	0
10/19/2023 16:00	20603 GRWO_T2	7	25	18	0.16	0.3	0.14	0.4	0.36	0	0	0	0	0	0
10/19/2023 16:01	24103 EHAZ_T1	0	1	1	0	0.1	0.1	0	0	0	0	0	0	0	0
10/19/2023 16:04	59202 THOM_T1	7	4	-3	0.17	0.13	-0.04	0	0	0	0	0	0	0	0
10/19/2023 16:09	59102 WALK_T2	0	2	2	0	0.15	0.15	0	0	0	0	0	0	0	0
10/19/2023 16:13	20603 GRWO_T2	7	25	18	0.16	0.3	0.14	0.36	0.38	0	0	0	0	0	0
10/19/2023 16:14	26401 INOR_T1	0	0	0	0	0	0	0.66	0.32	0	0	0	0	0	0
10/19/2023 16:15	52403 GRPA_T2	5	1	-4	0.52	0	-0.52	0.08	0.04	0	0	0	0	0	0
10/19/2023 16:15	20603 GRWO_T2	25	19	-6	0.29	0.33	0.04	0.36	0.38	0	0	0	0	0	0
10/19/2023 16:16	40901 JESH_T1	5	3	-2	0.12	0.1	-0.02	0	0	0	0	0	0	0	0
10/19/2023 16:24	59101 WALK_T2	1	2	1	0	0	0	1.42	1.33	0	0	0	0	0	0
10/19/2023 16:40	65002 NEFF_T2	5	0	-5	0.1	0	-0.1	0	0	0	0	0	0	0	0
10/19/2023 16:57	45901 AUBU_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/19/2023 17:16	54502 ENOL_T2	1	1	0	0.6	0.7	0.1	0	0	0	0	0	0	0	0
10/19/2023 17:16	54701 NEBL_T1	6	7	1	0.68	0.57	-0.11	0	0	1	1	0	600	600	0
10/19/2023 17:16	65003 NEFF_T2	115	126	11	0.23	0.23	0	0	0	0	0	0	0	0	0
10/19/2023 17:20	54204 PENN_T2	3	3	0	0.43	0.47	0.04	0	0	0	0	0	0	0	0
10/19/2023 17:34	44802 EDAN_T2	0	0	0	0	0	0	-0.96	-0.9	0	0	0	0	0	0
10/19/2023 17:35	65002 NEFF_T2	0	3	3	0	0.1	0.1	0	0	0	0	0	0	0	0
10/19/2023 19:07	26401 INOR_T1	1	1	0	0.1	0.1	0	0	0	0	0	0	0	0	0
10/19/2023 19:08	23301 JEFF_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/19/2023 19:10	61303 EARL_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/19/2023 19:12	21606 EYNO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/19/2023 19:12	15604 NSTR_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/19/2023 19:12	13302 ORVI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/19/2023 19:12	56802 BENV_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/19/2023 19:13	20401 ASHF_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/19/2023 19:18	52501 PROG_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/19/2023 19:18	56802 BENV_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/19/2023 19:19	13001 NBET_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/19/2023 19:19	60801 BUCK_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/19/2023 19:19	46301 ROHR_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/19/2023 19:19	42401 GIMA_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/19/2023 19:19	61303 EARL_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/19/2023 19:19	46004 BERW_T2	1	0	-1	0.1	0	-0.1	0	0	0	0	0	0	0	0
10/19/2023 19:20	56802 BENV_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/19/2023 19:20	45902 AUBU_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/19/2023 19:20	40602 PIGR_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/19/2023 19:21	43304 WATS_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/19/2023 19:22	22901 HARW_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/19/2023 19:22	54505 ENOL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/19/2023 19:22	53501 EVIL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/19/2023 19:23	64101 REFR_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/19/2023 19:23	53501 EVIL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/19/2023 19:23	46202 DANV_T2	1	0	-1	0.1	0	-0.1	0	0	0	0	0	0	0	0
10/19/2023 19:24	60801 BUCK_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/19/2023 19:24	46203 DANV_T2	45	22	-23	0.18	0.17	-0.01	0	0	0	0	0	0	0	0
10/19/2023 19:24	52402 GRPA_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/19/2023 19:25	67401 WAKE_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/19/2023 19:25	45802 HEGI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/19/2023 19:25	42902 MIDD_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/19/2023 19:25	54701 NEBL_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/19/2023 19:25	46302 ROHR_T1	4	5	1	1.45	1.48	0.03	0	0	0	0	0	0	0	0
10/19/2023 19:26	44201 POIN_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/19/2023 19:26	42903 MIDD_T2	2	2	0	0.95	0.8	-0.15	0	0	0	0	0	0	0	0
10/19/2023 19:27	54505 ENOL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/19/2023 19:27	42903 MIDD_T2	2	2	0	0.95	0.8	-0.15	0	0	0	0	0	0	0	0
10/19/2023 19:29	40602 PIGR_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/19/2023 19:29	45402 WILO_T2	78	47	-31	0.41	0.38	-0.03	0	0	0	0	0	0	0	0
10/19/2023 19:29	56802 BENV_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/19/2023 19:29	52402 GRPA_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/19/2023 19:30	51201 MTON_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/19/2023 19:30	54701 NEBL_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/19/2023 19:30	53903 HAU_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/19/2023 19:32	54206 PENN_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/19/2023 20:05	52402 GRPA_T2	4	4	0	1.15	1.3	0.15	0	0	0	0	0	0	0	0
10/19/2023 20:06	16402 MOPO_T1	0	0	0	0	0	0	0.74	0.75	0	0	0	0	0	0
10/19/2023 20:09	16301 ALPA_T1	2	2	0	0.35	0.3	-0.05	-0.48	-0.45	0	0	0	0	0	0
10/19/2023 20:09	56802 BENV_T2	1	1	0	0.9	0.7	-0.2	-0.63	-0.65	0	0	0	0	0	0
10/19/2023 20:10	29402 BELT_T1	1	1	0	7.8	7.6	-0.2	0	0	0	0	0	0	0	0
10/19/2023 20:11	29402 BELT_T1	1	1	0	7.8	7.6	-0.2	0	0	0	0	0	0	0	0
10/19/2023 20:11	56802 BENV_T2	1	1	0	0.9	0.7	-0.2	-0.63	-0.65	0	0	0	0	0	0
10/19/2023 20:12	29402 BELT_T1	1	1	0	7.8	7.6	-0.2	0	0	0	0	0	0	0	0
10/19/2023 20:12	16301 ALPA_T1	2	2	0	0.35	0.3	-0.05	-0.48	-0.45	0	0	0	0	0	0
10/19/2023 20:12	16302 ALPA_T2	0	0	0	0	0	0	0.58	0.64	0	0	0	0	0	0
10/19/2023 20:13	54501 ENOL_T2	4	4	0	0.13	0.15	0.02	0	0	0	0	0	0	0	0
10/19/2023 20:14	17802 GILB_T1	0	0	0	0	0	0	0.1	0.09	0	0	0	0	0	0
10/19/2023 20:14	56802 BENV_T2	1	1	0	0.9	0.7	-0.2	-0.65	-0.67	0	0	0	0	0	0
10/19/2023 20:14	12701 MACU_T1	0	0	0	0	0	0	0.05	0.02	0	0	0	0	0	0
10/19/2023 20:14	10805 CHHI_T2	1	1	0	7.7	7.7	0	-0.91	-0.94	0	0	0	0	0	0
10/19/2023 20:15	54501 ENOL_T2	3	4	1	0.17	0.2	0.03	0.08	0.09	0	0	0	0	0	0
10/19/2023 20:15	16302 ALPA_T2	0	0	0	0	0	0	0.64	0.61	0	0	0	0	0	0
10/19/2023 20:15	53501 EVIL_T2	1	1	0	0.1	0.4	0.3	-0.22	-0.23	0	0	0	0	0	0
10/19/2023 20:15	26603 BROO_T1	0	0	0	0	0	0	0.23	0.21	0	0	0	0	0	0
10/19/2023 20:15	44201 POIN_T1	0	0	0	0	0	0	-1.94	-1.93	2	2	0	2100	2100	0
10/19/2023 20:15	52502 PROG_T2	0	0	0	0	0	0	0.25	0.24	0	0	0	0	0	0
10/19/2023 20:16	20603 GRWO_T2	27	32	5	0.31	0.34	0.03	0.37	0.35	0	0	0	0	0	0
10/19/2023 20:16	16302 ALPA_T2	0	0	0	0	0	0	0.64	0.61	0	0	0	0	0	0
10/19/2023 20:16	54505 ENOL_T2	1	1	0	1.4	1.4	0	-1.36	-1.4	1	1	0	600	600	0
10/19/2023 20:16	45902 AUBU_T1	11	12	1	0.2	0.12	-0.08	0	0	1	1	0	600	600	0
10/19/2023 20:16	54502 ENOL_T2	1	1	0	0.4	0.5	0.1	0	0	0	0	0	0	0	0
10/19/2023 20:16	15001 BLMO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/19/2023 20:16	59202 THOM_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/19/2023 20:16	61303 EARL_T1	0	0	0	0	0	0	0	0.06	0	0	0	0	0	0
10/19/2023 20:17	29402 BELT_T1	1	1	0	7.6	7.6	0	0	0	0	0	0	0	0	0
10/19/2023 20:17	24901 WHHA_T1	0	1	1	0	0.1	0.1	0	0	0	0	0	0	0	0
10/19/2023 20:17	45902 AUBU_T1	11	12	1	0.2	0.12	-0.08	0	0	1	1	0	600	600	0
10/19/2023 20:17	42701 AUGU_T1	0	0	0	0	0	0	0	0	1	1	0	600	600	0
10/19/2023 20:17	59101 WALK_T2	1	1	0	0	0	0	1.19	0.93	0	0	0	0	0	0
10/19/2023 20:17	43402 BENT_T1	0	0	0	0	0	0	-0.95	-0.93	1	1	0	900	900	0
10/19/2023 20:17	46001 BERW_T1	0	0	0	0	0	0	0.88	0.88	0	0	0	0	0	0
10/19/2023 20:18	43402 BENT_T1	0	0	0	0	0	0	-0.95	-0.93	1	1	0	900	900	0
10/19/2023 20:18	54505 ENOL_T2	1	1	0	1.4	1.4	0	0	0	0	0	0	0	0	0
10/19/2023 20:18	60501 NMAN_T2	3	5	2	4.63	2.86	-1.77	0	0	0	0	0	0	0	0
10/19/2023 20:18	40201 BEGA_T2	7	7	0	0.17	0.28	0.11	0	0	0	0	0	0	0	0
10/19/2023 20:18	42201 SHEN_T2	0	0	0	0	0	0	0.36	0.37	0	0	0	0	0	0
10/19/2023 20:18	56801 BENV_T1	7	14	7	0.31	0.41	0.1	-0.16	-0.16	0	0	0	0	0	0
10/19/2023 20:19	46301 ROHR_T1	0	0	0	0	0	0	0.18	0.17	0	0	0	0	0	0
10/19/2023 20:19	67605 WARW_T1	5	6	1	0.24	0.22	-0.02	-1.14	-1.16	0	0	0	0	0	0
10/19/2023 20:19	17804 GILB_T2	0	0	0	0	0	0	-0.57	-0.58	0	0	0	0	0	0
10/19/2023 20:19	44901 SCOT_T2	0	0	0	0	0	0	0.05	0.15	0	0	0	0	0	0
10/19/2023 20:19	59101 WALK_T2	1	1	0	0	0	0	1.19	0.93	0	0	0	0	0	0
10/19/2023 20:19	54601 SUMM_T2	11	12	1	0.48	0.54	0.06	-1.04	-1.03	1	1	0	1200	1200	0
10/19/2023 20:19	42701 AUGU_T1	0	0	0	0	0	0	0	0	1	1	0	600	600	0
10/19/2023 20:19	60801 BUCK_T1	68	123	55	0.29	0.32	0.03	-0.18	-0.18	0	0	0	0	0	0
10/19/2023 20:19	56801 BENV_T1	7	14	7	0.31	0.41	0.1	-0.32	-0.32	0	0	0	0	0	0
10/19/2023 20:19	10805 CHHI_T2	1	1	0	7.7	7.8	0.1	-0.91	-0.94	0	0	0	0	0	0
10/19/2023 20:19	40101 HUNT_T2	0	0	0	0	0	0	-0.44	-0.43	0	0	0	0	0	0
10/19/2023 20:19	61301 EARL_T1	0	0	0	0	0	0	-0.85	-0.85	1	1	0	900	900	0
10/19/2023 20:19	28403 HART_T2	0	0	0	0	0	0	-0.64	-0.65	1	1	0	900	900	0
10/19/2023 20:20	24104 EHAZ_T1	0	0	0	0	0	0	-0.97	-0.99	1	1	0	1200	1200	0
10/19/2023 20:20	16302 ALPA_T2	0	0	0	0	0	0	0.64	0.61	0	0	0	0	0	0
10/19/2023 20:20	41802 GOCI_T2	15	10	-5	0.17	0.13	-0.04	0	0	0	0	0	0	0	0
10/19/2023 20:20	42902 MIDD_T2	0	0	0	0	0	0	-0.41	-0.33	0	0	0	0	0	0
10/19/2023 20:20	28604 BLYT_T2	0	0	0	0	0	0	-1.35	-1.37	0	0	0	0	0	0
10/19/2023 20:20	52004 LING_T2	0	0	0	0	0	0	0.33	0.22	0	0	0	0	0	0
10/19/2023 20:20	60803 BUCK_T1	20	58	38	0.37	0.29	-0.08	-0.92	-0.96	1	1	0	600	600	0
10/19/2023 20:20	42701 AUGU_T1	0	0	0	0	0	0	0	0	1	1	0	600	600	0
10/19/2023 20:20	67502 WEWI_T2	0	0	0	0	0	0	-0.54	-0.54	0	0	0	0	0	0
10/19/2023 20:20	46203 DANV_T2	2	1	-1	0.1	0.1	0	-0.12	-0.15	0	0	0	0	0	0
10/19/2023 20:20	12701 MACU_T1	0	0	0	0	0	0	0.05	0.02	0	0	0	0	0	0
10/19/2023 20:20	48302 ORWI_T2	2	2	0	1.3	1.45	0.15	-0.04	-0.03	0	0	0	0	0	0
10/19/2023 20:20	15001 BLMO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/19/2023 20:20	58402 MORO_T1	0	0	0	0	0	0	-1.07	-1.12	2	2	0	1500	1500	0
10/19/2023 20:20	67401 WAKE_T2	113	129	16	0.25	0.32	0.07	0	0	0	0	0	0	0	0
10/19/2023 20:20	66504 SMAN_T2	0	0	0	0	0	0	-0.31	-0.4	0	0	0	0	0	0
10/19/2023 20:21	62604 ENGL_T1	0	0	0	0	0	0	-1.44	-1.5	1	1	0	600	600	0
10/19/2023 20:21	66505 SMAN_T2	3	3	0	0.3	0.53	0.23	-0.14	-0.13	2	2	0	1100	1100	0
10/19/2023 20:21	45702 LIND_T2	0	1	1	0	0.5	0.5	-0.53	-0.58	0	0	0	0	0	0
10/19/2023 20:21	42903 MIDD_T2	2	2	0	0.8	0.9	0.1	0	0	0	0	0	0	0	0
10/19/2023 20:21	43301 WATS_T2	1	1	0	0.5	0.6	0.1	0.33	0.32	0	0	0	0	0	0
10/19/2023 20:21	45802 HEGI_T2	0	0	0

10/19/2023 20:27	64303 LINC_T1	0	0	0	0	0	0	-0.26	-0.26	0	0	0	0	0	0
10/19/2023 20:27	41902 REED_T1	0	0	0	0	0	0	2.12	2.1	0	0	0	0	0	0
10/19/2023 20:27	42701 AUGU_T1	0	0	0	0	0	0	0	0	1	1	0	600	600	0
10/19/2023 20:28	43302 WATS_T2	2	4	2	0.2	0.65	0.45	0	0	0	0	0	0	0	0
10/19/2023 20:28	52402 GRPA_T2	4	4	0	1.28	1.58	0.3	0	0	0	0	0	0	0	0
10/19/2023 20:28	41902 REED_T1	0	0	0	0	0	0	1.05	1.1	0	0	0	0	0	0
10/19/2023 20:28	41802 GOCI_T2	15	10	-5	0.17	0.13	-0.04	0	0	0	0	0	0	0	0
10/19/2023 20:28	40901 IESH_T1	32	37	5	0.2	0.21	0.01	0	0	0	0	0	0	0	0
10/19/2023 20:29	54202 PENN_T2	159	209	50	0.14	0.17	0.03	0	0	0	0	0	0	0	0
10/19/2023 20:29	43402 BENT_T1	0	0	0	0	0	0	-0.93	-0.95	1	1	0	900	900	0
10/19/2023 20:29	56801 BENV_T1	7	14	7	0.31	0.41	0.1	-0.16	-0.19	0	0	0	0	0	0
10/19/2023 20:29	54701 NEBL_T1	6	7	1	0.32	0.54	0.22	0	0	1	1	0	600	600	0
10/19/2023 20:32	52401 GRPA_T2	0	1	1	0	0.2	0.2	0	0	0	0	0	0	0	0
10/19/2023 20:52	56504 ROCK_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/19/2023 21:10	13105 NHAM_T2	0	0	0	0	0	0	-0.27	-0.28	1	1	0	1200	1200	0
10/19/2023 21:17	43402 BENT_T1	0	0	0	0	0	0	-0.94	-0.95	1	1	0	900	900	0
10/19/2023 21:29	43402 BENT_T1	0	0	0	0	0	0	-0.95	-0.97	1	1	0	900	900	0
10/19/2023 22:17	43402 BENT_T1	0	0	0	0	0	0	-0.97	-0.98	1	1	0	900	900	0
10/19/2023 22:29	43402 BENT_T1	0	0	0	0	0	0	-0.98	-0.98	1	1	0	900	900	0
10/19/2023 23:17	43402 BENT_T1	0	0	0	0	0	0	-0.97	-0.98	1	1	0	900	900	0
10/20/2023 0:28	52402 GRPA_T2	1	1	0	3.1	3.4	0.3	0	0	0	0	0	0	0	0
10/20/2023 0:28	46504 LOHA_T1	2	10	8	1.35	0.39	-0.96	0	0	0	0	0	0	0	0
10/20/2023 0:28	54505 ENOL_T2	1	1	0	0.7	0.4	-0.3	-2.84	-2.86	2	2	0	1200	1200	0
10/20/2023 0:28	66703 STRA_T1	5	5	0	0.16	0.2	0.04	-0.52	-0.47	0	0	0	0	0	0
10/20/2023 0:28	29402 BELT_T1	1	1	0	8.1	8.2	0.1	0	0	0	0	0	0	0	0
10/20/2023 0:28	67503 WEWI_T2	1	1	0	0.6	0.6	0	-0.75	-0.74	0	0	0	0	0	0
10/20/2023 0:28	43202 MVIL_T2	0	0	0	0	0	0	-0.77	-0.77	0	0	0	0	0	0
10/20/2023 0:28	65604 QVIL_T2	0	0	0	0	0	0	0.34	0.32	0	0	0	0	0	0
10/20/2023 0:28	20603 GRWO_T2	14	20	-14	0.22	0	-0.22	0.25	0.25	0	0	0	0	0	0
10/20/2023 0:28	53903 HALI_T2	2	2	0	1	0.8	-0.2	-0.43	-0.41	0	0	0	0	0	0
10/20/2023 0:28	28604 BLYT_T2	0	0	0	0	0	0	-2.94	-2.98	0	0	0	0	0	0
10/20/2023 0:28	54701 NEBL_T1	0	0	0	0	0	0	0	0	1	1	0	600	600	0
10/20/2023 0:28	62604 ENGL_T1	0	0	0	0	0	0	-5.17	-5.06	3	3	0	1800	1800	0
10/20/2023 0:28	44902 SCOT_T2	0	0	0	0	0	0	-0.94	-0.98	0	0	0	0	0	0
10/20/2023 0:28	60801 BUCK_T1	65	74	9	0.31	0.31	0	0	0	0	0	0	0	0	0
10/20/2023 0:28	39601 LNFD_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/20/2023 0:28	46302 ROHR_T1	3	4	1	1.3	1.13	-0.17	0.12	0.06	0	0	0	0	0	0
10/20/2023 0:28	43301 WATS_T2	0	1	1	0	0.1	0.1	0	0	0	0	0	0	0	0
10/20/2023 0:28	27502 WEIS_T2	0	1	1	0	0	0	-0.27	-0.27	0	0	0	0	0	0
10/20/2023 0:28	28403 HART_T2	0	0	0	0	0	0	-0.73	-0.74	1	1	0	900	900	0
10/20/2023 0:28	56501 ROCK_T2	9	8	-1	0.37	0.28	-0.09	0	0	0	0	0	0	0	0
10/20/2023 0:28	43402 BENT_T1	0	0	0	0	0	0	-0.99	-0.96	1	1	0	900	900	0
10/20/2023 0:28	42902 MIDD_T2	6	10	4	0.1	0.26	0.16	0	0	0	0	0	0	0	0
10/20/2023 0:28	64101 REFR_T1	0	0	0	0	0	0	-0.02	-0.02	0	0	0	0	0	0
10/20/2023 0:28	15601 NSTR_T2	3	3	0	0.3	0.2	-0.1	0	0	0	0	0	0	0	0
10/20/2023 0:28	17805 GILB_T2	0	0	0	0	0	0	-0.06	-0.12	0	0	0	0	0	0
10/20/2023 0:28	56603 HAMP_T1	102	7	-95	0.23	0.1	-0.13	0	0	0	0	0	0	0	0
10/20/2023 0:28	46001 BERW_T1	0	0	0	0	0	0	0.68	0.48	0	0	0	0	0	0
10/20/2023 0:28	54505 ENOL_T2	1	1	0	0.7	0.4	-0.3	-2.84	-2.86	2	2	0	1200	1200	0
10/20/2023 0:28	46203 DANV_T2	0	0	0	0	0	0	-0.28	-0.32	0	0	0	0	0	0
10/20/2023 0:28	64301 LINC_T1	0	0	0	0	0	0	0.18	0.16	0	0	0	0	0	0
10/20/2023 0:28	10801 CHHI_T1	0	0	0	0	0	0	-1.09	-1.09	1	1	0	900	900	0
10/20/2023 0:28	13704 SCHN_T2	0	0	0	0	0	0	-1.31	-1.31	0	0	0	0	0	0
10/20/2023 0:28	66505 SMAN_T2	3	3	0	0.83	0.8	-0.03	-0.46	-0.46	2	2	0	1100	1100	0
10/20/2023 0:28	15001 BLMO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/20/2023 0:28	45901 AUBU_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/20/2023 0:28	44802 EDAN_T2	0	0	0	0	0	0	-1.43	-1.44	0	0	0	0	0	0
10/20/2023 0:28	41801 GOCI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/20/2023 0:28	46602 LACR_T1	0	0	0	0	0	0	-0.04	-0.09	0	0	0	0	0	0
10/20/2023 0:28	13302 ORVI_T2	0	0	0	0	0	0	0.79	0.83	0	0	0	0	0	0
10/20/2023 0:28	13503 MCMI_T2	0	0	0	0	0	0	-0.01	-0.04	0	0	0	0	0	0
10/20/2023 0:28	52403 GRPA_T2	0	0	0	0	0	0	-0.21	-0.21	0	0	0	0	0	0
10/20/2023 0:28	12701 MACU_T1	0	0	0	0	0	0	-0.04	-0.04	0	0	0	0	0	0
10/20/2023 0:28	26401 INOR_T1	82	88	6	0.33	0.34	0.01	0.05	0.07	0	0	0	0	0	0
10/20/2023 0:28	67502 WEWI_T2	0	0	0	0	0	0	-1.7	-1.68	1	1	0	900	900	0
10/20/2023 0:28	54601 SUMM_T2	0	12	12	0	0.19	0.19	-2.03	-2.06	2	2	0	2100	2100	0
10/20/2023 0:28	10602 BLGL_T2	1	1	0	9.7	9.9	0.2	0.1	0.1	0	0	0	0	0	0
10/20/2023 0:28	42701 AUGU_T1	0	0	0	0	0	0	0	0	1	1	0	600	600	0
10/20/2023 0:28	42002 MNVL_T2	1	1	0	3.9	3.8	-0.1	0	0	0	0	0	0	0	0
10/20/2023 0:28	54501 ENOL_T2	4	0	-4	0.18	0	-0.18	-0.61	-0.61	1	1	0	600	600	0
10/20/2023 0:28	59101 WALK_T2	1	1	0	0	0	0	1.81	1.74	0	0	0	0	0	0
10/20/2023 0:28	43201 MVIL_T2	0	0	0	0	0	0	-0.41	-0.42	0	0	0	0	0	0
10/20/2023 0:28	40101 HUNT_T2	0	0	0	0	0	0	-0.65	-0.67	0	0	0	0	0	0
10/20/2023 0:28	58402 MORO_T1	0	0	0	0	0	0	-0.62	-0.61	1	1	0	600	600	0
10/20/2023 0:28	64802 MONE_T2	0	19	19	0	0.11	0.11	-0.01	-0.01	0	0	0	0	0	0
10/20/2023 0:28	56802 BENV_T2	1	1	0	0.7	0.8	0.1	-6.16	-6	0	0	0	0	0	0
10/20/2023 0:28	25801 SUTR_T2	0	0	0	0	0	0	-0.18	-0.19	0	0	0	0	0	0
10/20/2023 0:28	54202 PENN_T2	0	0	0	0	0	0	0.4	0.42	0	0	0	0	0	0
10/20/2023 0:28	67401 WAKE_T2	1	0	-1	0.1	0	-0.1	-1	-1.01	0	0	0	0	0	0
10/20/2023 0:28	56801 BENV_T1	29	30	1	0.96	1.23	0.27	-1.92	-1.92	2	2	0	1200	1200	0
10/20/2023 0:28	20403 ASHF_T2	0	0	0	0	0	0	-0.08	-0.07	0	0	0	0	0	0
10/20/2023 0:28	41901 REED_T1	0	0	0	0	0	0	-1.4	-1.56	1	1	0	900	900	0
10/20/2023 0:28	61801 EELI_T2	2	2	0	1.05	0.9	-0.15	-1.06	-1.06	1	1	0	600	600	0
10/20/2023 0:28	53501 EVIL_T2	21	21	0	0.86	1.01	0.15	-0.46	-0.49	0	0	0	0	0	0
10/20/2023 0:28	42201 SHEN_T2	0	0	0	0	0	0	0.58	0.56	0	0	0	0	0	0
10/20/2023 0:40	46801 HEPB_T2	2	2	0	0.45	0.45	0	0.43	0.41	0	0	0	0	0	0
10/20/2023 0:46	56802 BENV_T2	1	1	0	0.5	0.8	0.3	-1.5	-1.57	0	0	0	0	0	0
10/20/2023 0:48	43304 WATS_T2	0	0	0	0	0	0	-0.32	-0.34	0	0	0	0	0	0
10/20/2023 3:00	29401 BELT_T1	0	0	0	0	0	0	0	0	1	1	0	900	900	0
10/20/2023 5:30	65001 NEFF_T2	0	0	1	0	0	0	-1.07	-1.07	1	1	0	1200	1200	0
10/20/2023 7:12	15001 BLMO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/20/2023 7:28	46203 DANV_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/20/2023 7:54	65001 NEFF_T2	0	0	0	0	0	0	-0.54	-0.46	1	1	0	1200	1200	0
10/20/2023 8:01	45802 HEGI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/20/2023 8:11	46802 HEPB_T2	0	1	1	0	0.1	0.1	0	0	0	0	0	0	0	0
10/20/2023 8:13	54505 ENOL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/20/2023 8:16	58401 MORO_T1	0	1	1	0	0	0	0	0	0	0	0	0	0	0
10/20/2023 8:16	54701 NEBL_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/20/2023 8:20	58401 MORO_T1	0	1	1	0	0	0	0	0	0	0	0	0	0	0
10/20/2023 8:21	59101 WALK_T2	1	1	0	0	0	0	1.76	1.75	0	0	0	0	0	0
10/20/2023 8:25	56802 BENV_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/20/2023 8:25	46203 DANV_T2	0	0	0	0	0	0	-0.15	-0.18	0	0	0	0	0	0
10/20/2023 8:26	40101 HUNT_T2	0	0	0	0	0	0	-0.55	-0.53	0	0	0	0	0	0
10/20/2023 8:26	56802 BENV_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/20/2023 8:31	54701 NEBL_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/20/2023 8:37	45901 AUBU_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/20/2023 8:38	56802 BENV_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/20/2023 8:40	56802 BENV_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/20/2023 8:47	54701 NEBL_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/20/2023 8:50	43301 WATS_T2	1	1	0	0.2	0.5	0.3	0	0	0	0	0	0	0	0
10/20/2023 8:54	45902 AUBU_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/20/2023 8:55	53601 DALM_T2	1	1	0	1.2	0.7	-0.5	-0.11	0.06	0	0	0	0	0	0
10/20/2023 8:55	54505 ENOL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/20/2023 8:57	45802 HEGI_T2	0	0	0	0	0	0	0.84	0.71	0	0	0	0	0	0
10/20/2023 8:59	26401 INOR_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/20/2023 9:00	65001 NEFF_T2	0	0	0	0	0	0	-0.32	-0.33	1	1	0	1200	1200	0
10/20/2023 9:01	54505 ENOL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/20/2023 9:02	58402 MORO_T1	1	1	0	0.5	0	-0.5	-1.12	-1.14	2	2	0	1500	1500	0
10/20/2023 9:05	54206 PENN_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/20/2023 9:08	56802 BENV_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/20/2023 9:09	26603 BROO_T1	0	0	0	0	0	0	0.14	0.14	0	0	0	0	0	0
10/20/2023 9:10	56603 HAMP_T1	52	113	61	0.12	0.46	0.34	0	0	0	0	0	0	0	0
10/20/2023 9:10	54505 ENOL_T2	1	1	0	0.8	1.4	0.6	0	0	0	0	0	0	0	0
10/20/2023 9:11	54501 ENOL_T2	0	4	4	0	0.15	0.15	0	0	0	0	0	0	0	0
10/20/2023 9:12	54501 ENOL_T2	0	4	4	0	0.15	0.15	0	0	0	0	0	0	0	0
10/20/2023 9:13	13503 MCMI_T2	0	0	0	0	0	0	-0.01	-0.01	0	0	0	0	0	0
10/20/2023 9:22	56802 BENV_T2	426	1	-425	0.27	1.4	1.13	-1.07	-0.75	0	0	0	0	0	0
10/20/2023 9:23	56802 BENV_T2	426	1	-425	0.27	1.4	1.13	-1.07	-0.75	0	0	0	0	0	0
10/20/2023 9:24	49803 UNIV_T1	0	0	0	0	0	0	-1.19	-1.21	0	0	0	0	0	0
10/20/2023 9:28	42002 MNVL_T2	1	1	0	3.6	3.8	0.2	0	0	0	0	0	0	0	0
10/20/2023 9:28	23301 JEFF_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/20/2023 9:28	65003 NEFF_T2	4	5	1	0.33	0.26	-0.07	0	0	0	0	0	0	0	0
10/20/2023 9:28	41801 GOCI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/20/2023 9:31	54202 PENN_T2	1	71	70	0.1	0.12	0.02	0	0	0	0	0	0	0	0
10/20/2023 9:31	41801 GOCI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/20/2023 9:34	40602 PIGR_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/20/2023 9:35	13704 SCHN_T2	3	4	1	0.1	0.13	0.03	-0.33	-0.32	0	0	0	0	0	0
10/20/2023 9:35	59202 THOM_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/20/2023 9:36	40602 PIGR_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/20/2023 9:37	56802 BENV_T2	1	1	0	1.3	1.6	0.3	-0.75	-0.72	0	0	0	0	0	0
10/20/2023 9:38	56802 BENV_T2	1	1	0	1.3	1.6	0.3	-0.75	-0.72	0	0	0	0	0	0
10/20/2023 9:39	56802 BENV_T2	1	1	0	1.3	1.6	0.3	-0.75	-0.72	0	0	0	0	0	0
10/20/2023 9:39	59101 WALK_T2	1	2	1	0	0	0	1.43	1.24	0	0	0	0	0	0
10/20/2023 9:40	56802 BENV_T2	1	1	0	1.3	1.6	0.3	-0.75	-0.72	0	0	0	0	0	0
10/20/2023 9:47	54206 PENN_T2	2	8	6	0.2	0.19	-0.01	0	0.08	0	0	0	0	0	0
10/20/2023 9:47	43202 MVIL_T2	40	15	-25	0.2	0.16	-0.04	-0.67	-0.71	0	0	0	0	0	0
10/20/2023 9:48	54204 PENN_T2	3	4	1	0.17	0.25	0.08	0	0	0	0	0	0	0	0
10/20/2023 9:48	56501 ROCK_T2	12	24	12	0.67	0.43	-0.24	-0.46	-0.5	0	0	0	0	0	0
10/20/2023 9:49	43202 MVIL_T2	40	15	-25	0.2	0.16	-0.04	-0.67	-0.71	0	0	0	0	0	0
10/20/2023 9:49	41901 REED_T1	10	10	0	0.28	0.3	0.02	-1.36	-1.31	1	1	0	900	900	0
10/20/2023 9:50	43304 WATS_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/20/2023 9:51	59102 WALK_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/20/2023 9:52	66504 SMAN_T2	0	0	0	0	0	0	-0.33	-0.33	0	0	0	0	0	0
10/20/2023 9:52	45902 AUBU_T1	0	0	0	0	0	0	0	0	1	1	0	600	600	0
10/20/2023 9:53	60801 BUCK_T1	0	1	1	0	0	0	-0.17	-0.16	0	0	0	0	0	0
10/20/2023 9:54	29402 BELT_T1	1	1	0	8.4	8.5	0.1	0	0	0	0	0	0	0	0
10/20/2023 9:54	56603 HAMP_T1	108	116	8	0.4	0.65	0.25	0	0	0	0	0	0	0	0
10/20/2023 9:55	54502 ENOL_T2	1	1	0	0.9	1.1	0.2	-1.41	-1.44	0	0	0	0	0	0
10/20/2023 9:55	54502 ENOL_T2	1	1	0	0.9	1.1	0.2	-1.41	-1.44	0	0	0	0	0	0
10/20/2023 9:55	45902 AUBU_T1	0	0	0	0	0	0	0	0	1	1	0	600	600	0
10/20/2023 9:55	29402 BELT_T1	1	1	0	8.4	8.5	0.1	0	0	0	0	0	0	0	0
10/20/2023 9:57	62604 ENGL_T1	0	0	0	0	0	0	-1.45	-1.46	1	1	0	600	600	0
10/20/2023 9:57	54505 ENOL_T2	1	1	0	1.3	1.5	0.2	0	0	0	0	0	0	0	0
10/20/2023 9:58	54501 ENOL_T2	2	3	1	0.15	0.13	-0.02	0	0	0	0	0	0	0	0
10/20/2023 9:58	62604 ENGL_T1	0	0	0	0	0	0	-4.37	-4.34	3	3	0	1800	1800	0
10/20/2023 9:59	54502 ENOL_T2	1	1	0	0.9	1.1	0.2	0	0	0	0	0	0	0	0
10/20/2023 9:59	54501 ENOL_T2	2	3	1	0.15	0.13	-0.02	0	0	0	0	0	0	0	0
10/20/2023 10:00	42001 MNVL_T2	0	0	0	0	0	0	-0.01	0	0	0	0	0	0	0
10/20/2023 10:00	45902 AUBU_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/20/2023 10:00	52401 GRPA_T2	1	1	0	0.1	0.3	0.2	0	0	0	0	0	0	0	0
10/20/2023 10:00	53903 HALI_T2	2	2	0	1.3	1.4	0.1	-0.05	-0.05	0	0	0	0	0	0
10/20/2023 10:00	12604 MACA_T1	0	0	0	0	0	0	0.24	0.27	0	0	0	0	0	0
10/20/2023 10:00	43301 WATS_T2	1	1	0	0.9	0.9	0	0	0	0	0	0	0	0	0
10/20/2023 10:00	61303 EARL_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/20/2023 10:00	56802 BENV_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/20/2023 10:00	56603 HAMP_T1	114	115	1	0.6	0.65	0.05	0	0	0	0	0	0	0	0
10/20/2023 10:00	64801 MONE_T2	0	0	0	0	0	0	-0.01	-0.01	0	0	0	0	0	0
10/20/2023 10:00	67604 WARW_T1	0	0	0	0	0	0	0.61	0.63	0	0	0	0	0	0
10/20/2023 10:00	49803 UNIV_T1	0	0	0	0	0	0	-1.07	-1.21	0	0	0	0	0	0
10/20/2023 10:00	40602 PIGR_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/20/2023 10:00

Appendix C - Grid Benefits Achieved in Each Instance of Active Management

10/20/2023 10:11	56802 BENV_T2	1	18	17	1.6	0.24	-1.36	-1.48	-1.4	0	0	0	0	0	0
10/20/2023 10:12	26603 BROO_T1	0	0	0	0	0	0	0.15	0.16	0	0	0	0	0	0
10/20/2023 10:12	56603 HAMP_T1	114	115	1	0.6	0.65	0.05	0	0	0	0	0	0	0	0
10/20/2023 10:12	54505 ENOL_T2	1	1	0	1.5	1.4	-0.1	0	0	0	0	0	0	0	0
10/20/2023 10:12	62604 ENGL_T1	0	0	0	0	0	0	-1.46	-1.45	1	1	0	600	600	0
10/20/2023 10:12	44802 EDAN_T2	0	0	0	0	0	0	-2.16	-2.17	1	1	0	1200	1200	0
10/20/2023 10:12	41801 GOCI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/20/2023 10:13	54502 ENOL_T2	1	1	0	1.1	1.1	0	0	0	0	0	0	0	0	0
10/20/2023 10:13	62604 ENGL_T1	0	0	0	0	0	0	-1.45	-1.41	1	1	0	600	600	0
10/20/2023 10:13	56603 HAMP_T1	114	115	1	0.6	0.65	0.05	0	0	0	0	0	0	0	0
10/20/2023 10:13	46801 HEPB_T2	2	2	0	0.85	0.95	0.1	1.16	1.16	0	0	0	0	0	0
10/20/2023 10:13	46801 HEPB_T2	2	2	0	0.85	0.95	0.1	1.16	1.16	0	0	0	0	0	0
10/20/2023 10:14	54503 ENOL_T2	0	0	0	0	0	0	-0.88	-0.85	2	2	0	1200	1200	0
10/20/2023 10:14	42903 MIDD_T2	1	2	1	0.1	0.3	0.2	0	0	0	0	0	0	0	0
10/20/2023 10:14	54502 ENOL_T2	1	1	0	1.1	1.1	0	-1.42	-1.43	0	0	0	0	0	0
10/20/2023 10:14	44802 EDAN_T2	0	0	0	0	0	0	-2.17	-2.14	1	1	0	1200	1200	0
10/20/2023 10:14	62604 ENGL_T1	0	0	0	0	0	0	-2.89	-2.83	2	2	0	1200	1200	0
10/20/2023 10:14	56603 HAMP_T1	114	115	1	0.6	0.65	0.05	0	0	0	0	0	0	0	0
10/20/2023 10:15	26401 INOR_T1	0	0	0	0	0	0	0.54	0.58	0	0	0	0	0	0
10/20/2023 10:15	43202 MVIL_T2	1	1	0	0.1	0.5	0.4	-0.69	-0.68	0	0	0	0	0	0
10/20/2023 10:15	67502 WEWI_T2	0	6	6	0	0.24	0.24	0	0	0	0	0	0	0	0
10/20/2023 10:15	54502 ENOL_T2	1	1	0	1.1	1	-0.1	0	0	0	0	0	0	0	0
10/20/2023 10:15	45802 HEGI_T2	0	0	0	0	0	0	0.85	0.88	0	0	0	0	0	0
10/20/2023 10:15	41801 GOCI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/20/2023 10:16	54502 ENOL_T2	1	1	0	1.1	1	-0.1	0	0	0	0	0	0	0	0
10/20/2023 10:16	13503 MCMI_T2	0	0	0	0	0	0	-0.01	-0.01	0	0	0	0	0	0
10/20/2023 10:17	52501 PROG_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/20/2023 10:17	65003 NEFF_T2	5	5	0	0.3	0.4	0.1	0	0	0	0	0	0	0	0
10/20/2023 10:17	42903 MIDD_T2	2	2	0	0.2	0.45	0.25	0	0	0	0	0	0	0	0
10/20/2023 10:17	64101 REFR_T1	0	0	0	0	0	0	-0.16	-0.16	0	0	0	0	0	0
10/20/2023 10:18	64101 REFR_T1	0	0	0	0	0	0	-0.16	-0.16	0	0	0	0	0	0
10/20/2023 10:18	42903 MIDD_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/20/2023 10:18	25801 SUTR_T2	0	0	0	0	0	0	-0.08	-0.1	0	0	0	0	0	0
10/20/2023 10:19	66504 SMAN_T2	0	0	0	0	0	0	-0.28	-0.29	0	0	0	0	0	0
10/20/2023 10:19	43202 MVIL_T2	1	1	0	0.1	0.5	0.4	-0.69	-0.68	0	0	0	0	0	0
10/20/2023 10:20	59101 WALK_T2	2	2	0	1.1	1.8	0.7	1.73	1.64	0	0	0	0	0	0
10/20/2023 10:20	41901 REED_T1	9	10	1	0.32	0.41	0.09	-1.33	-1.27	1	1	0	900	900	0
10/20/2023 10:20	54701 NEBL_T1	7	7	0	0.53	0.47	-0.06	0	0	1	1	0	600	600	0
10/20/2023 10:21	45902 AUBU_T1	0	1	1	0	0.1	0.1	0	0	1	1	0	600	600	0
10/20/2023 10:21	43301 WATS_T2	1	1	0	0.9	0.9	0	0	0	0	0	0	0	0	0
10/20/2023 10:21	13704 SCHN_T2	1	1	0	0.2	0.2	0	-0.31	-0.3	0	0	0	0	0	0
10/20/2023 10:21	66505 SMAN_T2	0	0	0	0	0	0	0.57	0.47	2	2	0	1100	1100	0
10/20/2023 10:21	56501 ROCK_T2	20	15	-5	0.48	0.56	0.08	-0.48	-0.44	0	0	0	0	0	0
10/20/2023 10:21	64101 REFR_T1	0	0	0	0	0	0	-0.16	-0.16	0	0	0	0	0	0
10/20/2023 10:22	13701 SCHN_T2	0	1	1	0	0.3	0.3	0	0	0	0	0	0	0	0
10/20/2023 10:22	67502 WEWI_T2	0	6	6	0	0.24	0.24	-0.29	-0.39	0	0	0	0	0	0
10/20/2023 10:22	64101 REFR_T1	0	0	0	0	0	0	-0.33	-0.33	0	0	0	0	0	0
10/20/2023 10:23	43402 BENT_T1	0	0	0	0	0	0	-0.86	-0.7	1	1	0	900	900	0
10/20/2023 10:23	67502 WEWI_T2	0	6	6	0	0.24	0.24	-0.29	-0.39	0	0	0	0	0	0
10/20/2023 10:23	45902 AUBU_T1	0	1	1	0	0.1	0.1	0	0	1	1	0	600	600	0
10/20/2023 10:24	67502 WEWI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/20/2023 10:24	28601 BLYT_T2	0	1	1	0	0	0	0	0	0	0	0	0	0	0
10/20/2023 10:24	59101 WALK_T2	2	2	0	1.1	1.8	0.7	1.73	1.64	0	0	0	0	0	0
10/20/2023 10:25	28604 BLYT_T2	0	0	0	0	0	0	-1.45	-1.46	0	0	0	0	0	0
10/20/2023 10:25	17802 GILB_T1	0	0	0	0	0	0	0.07	0.08	0	0	0	0	0	0
10/20/2023 10:26	67502 WEWI_T2	0	6	6	0	0.24	0.24	-0.29	-0.39	0	0	0	0	0	0
10/20/2023 10:26	20401 ASHF_T2	1	1	0	0.2	0.1	-0.1	0	0	0	0	0	0	0	0
10/20/2023 10:27	40101 HUNT_T2	0	0	0	0	0	0	-0.45	-0.26	0	0	0	0	0	0
10/20/2023 10:27	20403 ASHF_T2	21	40	19	0.19	0.31	0.12	0	0.15	0	0	0	0	0	0
10/20/2023 10:28	17805 GILB_T2	0	0	0	0	0	0	-0.14	-0.12	0	0	0	0	0	0
10/20/2023 10:28	52401 GRPA_T2	1	1	0	0.2	0.4	0.2	0	0	0	0	0	0	0	0
10/20/2023 10:29	53903 HALI_T2	2	4	2	1.4	0.83	-0.57	-0.05	-0.07	0	0	0	0	0	0
10/20/2023 10:30	52402 GRPA_T2	5	3	-2	1.04	1.43	0.39	0	0	0	0	0	0	0	0
10/20/2023 10:30	28403 HART_T2	0	0	0	0	0	0	-0.73	-0.75	1	1	0	900	900	0
10/20/2023 10:30	40101 HUNT_T2	0	0	0	0	0	0	-0.26	-0.23	0	0	0	0	0	0
10/20/2023 10:31	46504 LOHA_T1	2	2	0	0.25	0.55	0.3	0	0	0	0	0	0	0	0
10/20/2023 10:31	52401 GRPA_T2	1	1	0	0.3	0.4	0.1	0	0	0	0	0	0	0	0
10/20/2023 10:32	65604 QVIL_T2	0	2	2	0	0.8	0.8	0.45	0.46	0	0	0	0	0	0
10/20/2023 10:34	65604 QVIL_T2	0	2	2	0	0.8	0.8	0.45	0.46	0	0	0	0	0	0
10/20/2023 10:34	67401 WAKE_T2	0	2	2	0	0.1	0.1	-0.79	-0.79	0	0	0	0	0	0
10/20/2023 10:35	67605 WARW_T1	9	6	-3	0.29	0.33	0.04	-1.11	-1.09	0	0	0	0	0	0
10/20/2023 10:37	66505 SMAN_T2	0	0	0	0	0	0	0.47	0.5	2	2	0	1100	1100	0
10/20/2023 10:40	54501 ENOL_T2	1	1	0	0.2	0.1	-0.1	0	0	0	0	0	0	0	0
10/20/2023 10:40	62604 ENGL_T1	0	0	0	0	0	0	-1.41	-1.48	1	1	0	600	600	0
10/20/2023 10:43	46501 LOHA_T1	1	1	0	0.6	0.8	0.2	0	0	0	0	0	0	0	0
10/20/2023 10:45	46504 LOHA_T1	2	2	0	0.55	0.35	-0.2	0	0	0	0	0	0	0	0
10/20/2023 10:46	46501 LOHA_T1	1	1	0	0.8	0.8	0	0	0	0	0	0	0	0	0
10/20/2023 10:51	43301 WATS_T2	1	1	0	0.9	1	0.1	0	0	0	0	0	0	0	0
10/20/2023 10:52	43301 WATS_T2	1	1	0	0.9	1	0.1	0.33	0.32	0	0	0	0	0	0
10/20/2023 10:52	66703 STRA_T1	2	2	0	0.15	0.2	0.05	-0.13	-0.11	0	0	0	0	0	0
10/20/2023 10:53	20401 ASHF_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/20/2023 10:54	60801 BUCK_T1	1	57	56	0.2	0.31	0.11	0	0	0	0	0	0	0	0
10/20/2023 10:54	61303 EARL_T1	0	0	0	0	0	0	0.36	0.46	0	0	0	0	0	0
10/20/2023 10:55	60801 BUCK_T1	1	57	56	0.2	0.31	0.11	0	0	0	0	0	0	0	0
10/20/2023 10:55	61803 EELI_T2	0	1	1	0	0.5	0.5	0	0	0	0	0	0	0	0
10/20/2023 10:56	10805 CHHI_T2	1	1	0	9	7.2	-1.8	-0.32	-0.99	2	1	-1	1800	1200	-600
10/20/2023 10:57	28403 HART_T2	0	0	0	0	0	0	-0.75	-0.74	1	1	0	900	900	0
10/20/2023 10:58	67502 WEWI_T2	3	1	-2	0.13	0.1	-0.03	0	0	0	0	0	0	0	0
10/20/2023 10:58	61303 EARL_T1	0	0	0	0	0	0	0.46	0.57	0	0	0	0	0	0
10/20/2023 10:59	46801 HEPB_T2	2	2	0	0.95	0.8	-0.15	0.6	0.61	0	0	0	0	0	0
10/20/2023 11:00	42903 MIDD_T2	2	2	0	0.45	0.8	0.35	0	0	0	0	0	0	0	0
10/20/2023 11:01	42903 MIDD_T2	2	2	0	0.45	0.8	0.35	0	0	0	0	0	0	0	0
10/20/2023 11:02	52501 PROG_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/20/2023 11:02	46302 ROHR_T1	4	4	0	1.65	1.75	0.1	0	0	0	0	0	0	0	0
10/20/2023 11:02	52403 GRPA_T2	2	2	0	0.4	0.2	-0.2	0.04	0.04	0	0	0	0	0	0
10/20/2023 11:03	13704 SCHN_T2	1	1	0	0.4	0.3	-0.1	-0.32	-0.29	0	0	0	0	0	0
10/20/2023 11:03	52402 GRPA_T2	3	7	4	1.27	0.76	-0.51	0	0	0	0	0	0	0	0
10/20/2023 11:03	44601 SALE_T2	0	0	0	0	0	0	1.43	1.45	1	1	0	600	600	0
10/20/2023 11:04	44601 SALE_T2	0	0	0	0	0	0	1.43	1.45	1	1	0	600	600	0
10/20/2023 11:06	67203 TEHI_T1	0	0	0	0	0	0	2.35	2.41	2	2	0	1500	1500	0
10/20/2023 11:07	56801 BENV_T1	7	34	27	0.27	0.56	0.29	-0.38	-0.42	0	0	0	0	0	0
10/20/2023 11:08	46206 DANV_T2	1	1	0	0.5	0.2	-0.3	0	0	0	0	0	0	0	0
10/20/2023 11:09	49803 UNIV_T1	0	0	0	0	0	0	-1.19	-1.17	0	0	0	0	0	0
10/20/2023 11:09	59101 WALK_T2	1	2	1	0	0	0	1.29	1.44	0	0	0	0	0	0
10/20/2023 11:09	56802 BENV_T2	6	13	7	0.38	0.25	-0.13	-2.13	-2.1	0	0	0	0	0	0
10/20/2023 11:09	59201 THOM_T1	0	1	1	0	0.8	0.8	0	0	0	0	0	0	0	0
10/20/2023 11:10	56803 BENV_T1	1	1	0	0.2	0.3	0.1	0	0	0	0	0	0	0	0
10/20/2023 11:10	29401 BELT_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/20/2023 11:10	56802 BENV_T2	6	13	7	0.38	0.25	-0.13	-1.42	-1.4	0	0	0	0	0	0
10/20/2023 11:11	64101 REFR_T1	0	0	0	0	0	0	-0.21	-0.15	0	0	0	0	0	0
10/20/2023 11:11	54501 ENOL_T2	1	2	1	0.1	0.2	0.1	0.09	0.09	0	0	0	0	0	0
10/20/2023 11:11	56801 BENV_T1	7	34	27	0.27	0.56	0.29	-0.57	-0.63	0	0	0	0	0	0
10/20/2023 11:12	29402 BELT_T1	1	1	0	8.4	8.6	0.2	0	0	0	0	0	0	0	0
10/20/2023 11:12	56801 BENV_T1	7	34	27	0.27	0.56	0.29	-0.19	-0.21	0	0	0	0	0	0
10/20/2023 11:13	45001 LIME_2	0	2	2	0	0.15	0.15	0	0	0	0	0	0	0	0
10/20/2023 11:13	46206 DANV_T2	1	1	0	0.5	0.2	-0.3	0	0	0	0	0	0	0	0
10/20/2023 11:14	42902 MIDD_T2	0	0	0	0	0	0	-0.92	-0.87	1	1	0	600	600	0
10/20/2023 11:14	45702 LIND_T2	1	1	0	0.4	1.6	1.2	-0.59	-0.63	0	0	0	0	0	0
10/20/2023 11:14	26401 INOR_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/20/2023 11:14	10805 CHHI_T2	1	1	0	7.2	7.9	0.7	-0.96	-1.09	1	1	0	1200	1200	0
10/20/2023 11:15	54502 ENOL_T2	1	2	1	0.8	0.9	0.1	0	0	0	0	0	0	0	0
10/20/2023 11:15	42903 MIDD_T2	2	2	0	0.5	1.05	0.55	0	0	0	0	0	0	0	0
10/20/2023 11:15	58402 MORO_T1	0	0	0	0	0	0	-1.02	-1.08	2	2	0	1500	1500	0
10/20/2023 11:15	45003 LIME_2	2	2	0	2.35	2.35	0	0	0	1	1	0	1200	1200	0
10/20/2023 11:16	42903 MIDD_T2	2	2	0	0.5	1.05	0.55	0	0	0	0	0	0	0	0
10/20/2023 11:18	42902 MIDD_T2	0	1	1	0	0.3	0.3	-0.92	-0.87	1	1	0	600	600	0
10/20/2023 11:18	58402 MORO_T1	0	0	0	0	0	0	-1.02	-1.08	2	2	0	1500	1500	0
10/20/2023 11:19	56503 ROCK_T2	3	4	1	0.23	0.23	0	0	0	0	0	0	0	0	0
10/20/2023 11:19	58401 MORO_T1	0	0	0	0	0	0	-1.86	-1.88	2	2	0	1200	1200	0
10/20/2023 11:19	58401 MORO_T1	0	0	0	0	0	0	-1.86	-1.88	2	2	0	1200	1200	0
10/20/2023 11:20	59102 WALK_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/20/2023 11:20	27502 WEIS_T2	0	0	0	0	0	0	-0.45	-0.46	0	0	0	0	0	0
10/20/2023 11:21	46001 BERW_T1	0	0	0	0	0	0	0.48	0.53	0	0	0	0	0	0
10/20/2023 11:21	43301 WATS_T2	1	1	0	0.9	0.9	0	0	0	0	0	0	0	0	0
10/20/2023 11:22	42203 SHEN_T2	1	1	0	0.8	0	-0.8	0	0	0	0	0	0	0	0
10/20/2023 11:22	43402 BENT_T1	0	0	0	0	0	0	-0.63	-0.6	1	1	0	900	900	0
10/20/2023 11:23	66504 SMAN_T2	0	0	0	0	0	0	-0.35	-0.29	0	0	0	0	0	0
10/20/2023 11:24	67502 WEWI_T2	0	109	109	0	0.18	0.18	-0.44	-0.41	0	0	0	0	0	0
10/20/2023 11:25	43301 WATS_T2	1	1	0	0.9	0.9	0	0	0	0	0	0	0	0	0
10/20/2023 11:25	29402 BELT_T1	1	2	1	8.6	8.6	0	0	0	0	0	0	0	0	0
10/20/2023 11:25	67502 WEWI_T2	0	109	109	0	0.18	0.18	-0.44	-0.41	0	0	0	0	0	0
10/20/2023 11:25	46001 BERW_T1	0	0	0	0	0	0	0.48	0.53	0	0	0	0	0	0
10/20/2023 11:25	20603 GRWO_T2	3	0	-3	0.3	0	-0.3	0.37	0.34	0	0	0	0	0	0
10/20/2023 11:26	61802 EELI_T2	1	4	3	0.1	0.28	0.18	0	0	0	0	0	0	0	0
10/20/2023 11:27	61801 EELI_T2	7	24	17	0.71	0.43	-0.28	-0.73	-0.73	1	1	0	600	600	0
10/20/2023 11:28	61801 EELI_T2	7	24	17	0.71	0.43	-0.28	0	0	0	0	0	0	0	0
10/20/2023 11:28	67503 WEWI_T2	0	0	0	0	0	0	-0.38	-0.5	0	0	0	0	0	0
10/20/2023 11:28	56503 ROCK_T2	3	4	1	0.23	0.23	0	0	0	0	0	0	0	0	0
10/20/2023 11:29	67502 WEWI_T2	0	109	109	0	0.18	0.18	0	0	0	0	0	0	0	0
10/20/2023 11:29	43402 BENT_T1	0	0	0	0	0	0	-0.6	-0.63	1	1	0	900	900	0
10/20/2023 11:31	26603 BROO_T1	0	0	0	0	0	0	0.09	0.13	0	0	0	0	0	0
10/20/2023 11:31	59302 MCAL_T1	2	1	-1	0.4	0.8	0.4	-0.11	-0.15	1	1	0	600	600	0
10/20/2023 11:31	52401 GRPA_T2	1	1	0	0.6	0.4	-0.2	0	0	0	0	0	0	0	0
10/20/2023 11:32	65604 QVIL_T2	0	0	0	0	0	0	0.88	0.96	0	0	0	0	0	0
10/20/2023 11:32	56504 ROCK_T2	0	0	0	0	0	0	-0.37	-0.34	0	0	0	0	0	0
10/20/2023 11:33	42201 SHEN_T2	0	0	0	0	0	0	0.36	0.35	0	0	0	0	0	0
10/20/2023 11:33	59302 MCAL_T1	2	1	-1	0.4	0.8	0.4	0	0	0	0	0	0	0	0
10/20/2023 11:33	52401 GRPA_T2	1	1	0	0.6	0.4	-0.2	0	0	0	0	0	0	0	0
10/20/2023 11:34	52402 GRPA_T2	2	5	3	2.3	1.4	-0.9	0	0	0	0	0	0	0	0
10/20/2023 11:35	52401 GRPA_T2	1	1	0	0.6	0.4	-0.2	-0.56	-0.55	0	0	0	0	0	0
10/20/2023 11:35	14802 TREI_T2	0	7	7	0	0.14	0.14	0	0	0	0	0	0	0	0
10/20/2023 11:35	64101 REFR_T1	0	0	0	0	0	0	-0.15	-0.05	0	0	0	0	0	0
10/20/2023 11:35	43301 WATS_T2	1	1	0	0.7	1	0.3	0.29	0.29	0	0	0	0	0	0
10/20/2023 11:35	67204 TEHI_T2	0	0	0	0	0	0	-0.07	-0.05	0	0	0	0	0	0
10/20/2023 11:36	64101 REFR_T1	0	0	0	0	0	0	-0.46	-0.16	0	0	0	0	0	0
10/20/2023 11:37	45902 AUBU_T1	0	0	0	0	0	0	0	0	1	1	0	600	600	0
10/20/2023 11:37	67402 WAKE_T2	0	1	1	0	0.1	0.1	0	0	0	0	0	0	0	0
10/20/2023 11:37	67203 TEHI_T1	0	0	0	0	0	0	2.36	2.54	2	2	0	1500	1500	0
10/20/2023 11:37	64101 REFR_T1	0	0	0	0	0	0	-0.31	-0.11	0	0	0	0	0	0
10/20/2023 11:37	14802 TREI_T2	0	7	7	0	0.14	0.14	0.32	0.31	0	0	0	0	0	0
10/20/2023 11:38	14802 TREI_T2	0	7	7	0	0.14	0.14	0.32	0.31	0	0	0	0	0	0
10/20/2023 11:39	67204 TEHI_T2	0	0	0	0	0	0	-0.07	-0.05	0	0	0	0	0	0
10/20/2023 11:39	59101 WALK_T2	1	1	0	0	0	0	2.74	2.46	0	0	0	0	0	0
10/20/2023 11:39	43301 WATS_T2	1	1	0	0.7	1	0.3	0	0	0	0	0	0	0	0
10/20/2023 11:40	43304 WATS_T2	0	0	0	0	0	0	-0.62	-0.54	0	0	0	0	0	0
10/20/2023 11:40	45902 AUBU_T1	0	0	0	0	0	0	0	0	1	1	0	600	600	0
10/20/2023 11:40	64802 MONE_T2	31	274	243	0.12	0.61	0.49	-0.01	-0.01	0	0	0	0	0	0
10/20/2023 11:41	54504 ENOL_T2	0	1	1	0	0.2	0.2	0	0	0	0	0	0	0	0
10/20/2023 11:41	54502 ENOL_T2	1	2

Appendix C - Grid Benefits Achieved in Each Instance of Active Management

10/20/2023 11:53	67401 WAKE_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/20/2023 11:55	20403 ASHF_T2	11	27	16	0.21	0.42	0.21	0	-0.04	0	0	0	0	0	0
10/20/2023 11:56	20401 ASHF_T2	0	5	5	0	0.32	0.32	0	0	0	0	0	0	0	0
10/20/2023 11:57	67502 WEWI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/20/2023 11:59	10805 CHHI_T2	1	1	0	7.9	7.8	-0.1	-1.04	-0.94	1	1	0	1200	1200	0
10/20/2023 12:01	42903 MIDD_T2	2	0	-2	1.15	0	-1.15	0	0	0	0	0	0	0	0
10/20/2023 12:01	10805 CHHI_T2	1	1	0	7.8	7.9	0.1	-1.04	-0.94	1	1	0	1200	1200	0
10/20/2023 12:01	26401 INOR_T1	0	46	46	0	0.28	0.28	0.62	0.21	0	0	0	0	0	0
10/20/2023 12:01	39601 LNFD_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/20/2023 12:02	65604 QVIL_T2	0	1	1	0	0	0	0.45	0.46	0	0	0	0	0	0
10/20/2023 12:02	13503 MCMI_T2	0	0	0	0	0	0	-0.01	-0.01	0	0	0	0	0	0
10/20/2023 12:04	65604 QVIL_T2	0	1	1	0	0	0	0.45	0.46	0	0	0	0	0	0
10/20/2023 12:04	52402 GRPA_T2	5	29	24	1.02	0.51	-0.51	0	0	0	0	0	0	0	0
10/20/2023 12:06	52404 GRPA_T2	0	1	1	0	0.3	0.3	0	0	0	0	0	0	0	0
10/20/2023 12:06	52404 GRPA_T2	0	1	1	0	0.3	0.3	0	0	0	0	0	0	0	0
10/20/2023 12:07	27502 WEIS_T2	0	0	0	0	0	0	-0.45	-0.49	0	0	0	0	0	0
10/20/2023 12:08	52402 GRPA_T2	5	29	24	1.02	0.51	-0.51	0	0	0	0	0	0	0	0
10/20/2023 12:12	51604 DUKE_T2	1	2	1	0.1	0.35	0.25	-0.64	-0.61	0	0	0	0	0	0
10/20/2023 12:14	54505 ENOL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/20/2023 12:15	52401 GRPA_T2	1	1	0	0.8	0.9	0.1	0	0	0	0	0	0	0	0
10/20/2023 12:15	46504 LOHA_T1	2	2	0	0.85	0.65	-0.2	0	0	0	0	0	0	0	0
10/20/2023 12:15	51604 DUKE_T2	2	0	-2	0.35	0	-0.35	-0.61	-0.66	0	0	0	0	0	0
10/20/2023 12:16	26401 INOR_T1	5	46	41	0.12	0.28	0.16	0.21	0.14	0	0	0	0	0	0
10/20/2023 12:17	42902 MIDD_T2	0	0	0	0	0	0	-2.04	-2.14	2	2	0	1200	1200	0
10/20/2023 12:18	44902 SCOT_T2	4	0	-4	0.25	0	-0.25	0	0	0	0	0	0	0	0
10/20/2023 12:21	43304 WATS_T2	0	0	0	0	0	0	-0.53	-0.62	0	0	0	0	0	0
10/20/2023 12:21	44901 SCOT_T2	0	0	0	0	0	0	0.54	0.48	0	0	0	0	0	0
10/20/2023 12:21	59102 WALK_T2	1	0	-1	0.1	0	-0.1	0	0	0	0	0	0	0	0
10/20/2023 12:22	43304 WATS_T2	0	0	0	0	0	0	-0.53	-0.62	0	0	0	0	0	0
10/20/2023 12:22	43301 WATS_T2	1	1	0	1	1.2	0.2	0.27	0.27	0	0	0	0	0	0
10/20/2023 12:22	43402 BENT_T1	0	0	0	0	0	0	-0.66	-0.57	1	1	0	900	900	0
10/20/2023 12:24	59101 WALK_T2	1	2	1	0	0	0	0.27	0.52	0	0	0	0	0	0
10/20/2023 12:29	43402 BENT_T1	0	0	0	0	0	0	-0.57	-0.64	1	1	0	900	900	0
10/20/2023 12:33	13503 MCMI_T2	0	0	0	0	0	0	-0.01	-0.01	0	0	0	0	0	0
10/20/2023 12:36	14802 TREI_T2	13	29	16	0.22	0.3	0.08	0.32	0.31	0	0	0	0	0	0
10/20/2023 12:40	45902 AUBU_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/20/2023 12:44	42401 GIMA_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/20/2023 12:45	45003 LIME_2	2	2	0	1.85	2.3	0.45	0	0	1	1	0	1200	1200	0
10/20/2023 12:48	45003 LIME_2	25	3	-22	0.2	0.13	-0.07	0	0	0	0	0	0	0	0
10/20/2023 12:48	58402 MORO_T1	0	0	0	0	0	0	-2.06	-2.14	4	4	0	3000	3000	0
10/20/2023 12:49	52403 GRPA_T2	11	0	-11	0.34	0	-0.34	0.22	-0.03	0	0	0	0	0	0
10/20/2023 12:50	58402 MORO_T1	0	0	0	0	0	0	-1.03	-1.07	2	2	0	1500	1500	0
10/20/2023 12:50	67401 WAKE_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/20/2023 12:51	67402 WAKE_T2	0	8	8	0	0.38	0.38	0	0	0	0	0	0	0	0
10/20/2023 12:51	42201 SHEN_T2	0	2	2	0	0.15	0.15	0.34	0.34	0	0	0	0	0	0
10/20/2023 12:52	20403 ASHF_T2	73	232	159	0.25	0.32	0.07	0.16	-0.05	0	0	0	0	0	0
10/20/2023 12:52	24901 WHHA_T1	1	2	1	0.1	0.3	0.2	0.6	0.54	0	0	0	0	0	0
10/20/2023 12:53	20402 ASHF_T2	1	1	0	0.1	0.2	0.1	0	0	0	0	0	0	0	0
10/20/2023 12:54	59102 WALK_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/20/2023 12:57	64802 MONE_T2	0	4	4	0	0.38	0.38	-0.01	-0.01	0	0	0	0	0	0
10/20/2023 12:58	67503 WEWI_T2	0	0	0	0	0	0	-1	-1.1	0	0	0	0	0	0
10/20/2023 12:58	67502 WEWI_T2	4	27	23	0.28	0.38	0.1	-0.44	-0.37	0	0	0	0	0	0
10/20/2023 12:59	67502 WEWI_T2	4	27	23	0.28	0.38	0.1	-0.87	-0.74	0	0	0	0	0	0
10/20/2023 12:59	64802 MONE_T2	0	4	4	0	0.38	0.38	-0.01	-0.01	0	0	0	0	0	0
10/20/2023 13:00	67502 WEWI_T2	23	22	-1	0.37	0.42	0.05	-0.87	-0.74	0	0	0	0	0	0
10/20/2023 13:00	26603 BROO_T1	0	0	0	0	0	0	0.09	0.13	0	0	0	0	0	0
10/20/2023 13:02	67503 WEWI_T2	0	0	0	0	0	0	-0.5	-0.55	0	0	0	0	0	0
10/20/2023 13:02	10805 CHHI_T2	1	1	0	7.6	7.4	-0.2	-0.92	-1.21	1	1	0	1200	1200	0
10/20/2023 13:03	67503 WEWI_T2	0	0	0	0	0	0	-0.5	-0.55	0	0	0	0	0	0
10/20/2023 13:03	15601 NSTR_T2	3	3	0	0.37	0.83	0.46	0	0	0	0	0	0	0	0
10/20/2023 13:03	66703 STRA_T1	0	9	9	0	0.37	0.37	-0.04	-0.12	0	0	0	0	0	0
10/20/2023 13:06	67401 WAKE_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/20/2023 13:06	45902 AUBU_T1	0	3	3	0	0.43	0.43	-0.53	-0.61	1	1	0	600	600	0
10/20/2023 13:07	43304 WATS_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/20/2023 13:10	26401 INOR_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/20/2023 13:11	45902 AUBU_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/20/2023 13:14	67502 WEWI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/20/2023 13:15	56603 HAMP_T1	43	64	21	0.12	0.21	0.09	0	0	0	0	0	0	0	0
10/20/2023 13:16	42903 MIDD_T2	2	2	0	1	0.6	-0.4	0	0	0	0	0	0	0	0
10/20/2023 13:18	10805 CHHI_T2	1	1	0	7.4	7.4	0	-1.21	-1.15	1	1	0	1200	1200	0
10/20/2023 13:22	45901 AUBU_T1	0	0	0	0	0	0	1.8	1.78	0	0	0	0	0	0
10/20/2023 13:22	43402 BENT_T1	0	0	0	0	0	0	-0.62	-0.6	1	1	0	900	900	0
10/20/2023 13:22	67401 WAKE_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/20/2023 13:23	52404 GRPA_T2	1	1	0	0.4	0.4	0	0	0	0	0	0	0	0	0
10/20/2023 13:24	60801 BUCK_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/20/2023 13:24	46206 DANV_T2	1	1	0	0.5	0.2	-0.3	0	0	0	0	0	0	0	0
10/20/2023 13:25	46206 DANV_T2	1	1	0	0.5	0.2	-0.3	0	0	0	0	0	0	0	0
10/20/2023 13:26	20401 ASHF_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/20/2023 13:26	26401 INOR_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/20/2023 13:27	45902 AUBU_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/20/2023 13:29	45003 LIME_2	2	2	0	0.1	0.1	0	0	0	0	0	0	0	0	0
10/20/2023 13:29	43402 BENT_T1	0	0	0	0	0	0	-0.6	-0.63	1	1	0	900	900	0
10/20/2023 13:29	23301 JEFF_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/20/2023 13:31	47802 MOCA_T2	0	1	1	0	0.2	0.2	-0.91	-0.94	0	0	0	0	0	0
10/20/2023 13:32	42903 MIDD_T2	2	2	0	0.6	0.75	0.15	0	0	0	0	0	0	0	0
10/20/2023 13:32	45003 LIME_2	2	2	0	2.15	2.15	0	0	0	1	1	0	1200	1200	0
10/20/2023 13:33	42401 GIMA_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/20/2023 13:33	42903 MIDD_T2	2	2	0	0.6	0.75	0.15	0	0	0	0	0	0	0	0
10/20/2023 13:34	42903 MIDD_T2	2	2	0	0.6	0.75	0.15	0	0	0	0	0	0	0	0
10/20/2023 13:34	42903 MIDD_T2	2	2	0	0.6	0.75	0.15	0	0	0	0	0	0	0	0
10/20/2023 13:37	59101 WALK_T2	2	2	0	4.2	0.5	-3.7	1.17	1.09	0	0	0	0	0	0
10/20/2023 13:38	45902 AUBU_T1	3	8	5	0.43	0.34	-0.09	-0.64	-0.81	1	1	0	600	600	0
10/20/2023 13:38	20403 ASHF_T2	159	137	-22	0.33	0.32	-0.01	0	-0.02	0	0	0	0	0	0
10/20/2023 13:38	59101 WALK_T2	2	2	0	4.2	0.5	-3.7	1.17	1.09	0	0	0	0	0	0
10/20/2023 13:39	60801 BUCK_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/20/2023 13:40	46206 DANV_T2	1	1	0	0.2	0.3	0.1	0	0	0	0	0	0	0	0
10/20/2023 13:41	45902 AUBU_T1	3	8	5	0.43	0.34	-0.09	-0.64	-0.81	1	1	0	600	600	0
10/20/2023 13:41	26401 INOR_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/20/2023 13:41	46203 DANV_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/20/2023 13:41	60801 BUCK_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/20/2023 13:41	42503 ALTA_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/20/2023 13:41	20401 ASHF_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/20/2023 13:42	42401 GIMA_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/20/2023 13:44	46801 HEPB_T2	3	3	0	0.73	0.73	0	0	0	0	0	0	0	0	0
10/20/2023 13:44	67503 WEWI_T2	0	0	0	0	0	0	-0.18	-0.54	0	0	0	0	0	0
10/20/2023 13:45	23301 JEFF_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/20/2023 13:46	52404 GRPA_T2	1	1	0	0.4	0.5	0.1	0	0	0	0	0	0	0	0
10/20/2023 13:46	58402 MORO_T1	0	0	0	0	0	0	-1.01	-1.05	2	2	0	1500	1500	0
10/20/2023 13:48	44902 SCOT_T2	0	0	0	0	0	0	-0.87	-0.86	0	0	0	0	0	0
10/20/2023 13:48	44902 SCOT_T2	0	0	0	0	0	0	-0.87	-0.86	0	0	0	0	0	0
10/20/2023 13:49	54202 PENN_T2	0	0	0	0	0	0	0.63	0.63	0	0	0	0	0	0
10/20/2023 13:49	52404 GRPA_T2	1	1	0	0.4	0.5	0.1	0	0	0	0	0	0	0	0
10/20/2023 13:49	54202 PENN_T2	0	0	0	0	0	0	0.63	0.63	0	0	0	0	0	0
10/20/2023 13:50	67402 WAKE_T2	15	9	-6	0.35	0.36	0.01	0.24	0.2	0	0	0	0	0	0
10/20/2023 13:50	43304 WATS_T2	0	0	0	0	0	0	-0.61	-0.56	0	0	0	0	0	0
10/20/2023 13:51	67402 WAKE_T2	15	9	-6	0.35	0.36	0.01	0.24	0.2	0	0	0	0	0	0
10/20/2023 13:51	43301 WATS_T2	1	1	0	1	0.8	-0.2	0	0	0	0	0	0	0	0
10/20/2023 13:51	47401 PENS_T1	0	0	0	0	0	0	0.28	0.88	0	0	0	0	0	0
10/20/2023 13:52	47401 PENS_T1	0	0	0	0	0	0	0.28	0.88	0	0	0	0	0	0
10/20/2023 13:53	45902 AUBU_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/20/2023 13:54	43304 WATS_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/20/2023 13:54	59101 WALK_T2	2	2	0	2.9	0	-2.9	1.09	0.84	0	0	0	0	0	0
10/20/2023 13:55	42802 SELI_T1	1	0	-1	1.3	0	-1.3	0	-2.28	0	0	0	0	0	0
10/20/2023 13:56	26401 INOR_T1	0	0	0	0	0	0	0.53	0.65	0	0	0	0	0	0
10/20/2023 13:56	55101 WERT_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/20/2023 13:59	54505 ENOL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/20/2023 14:00	42903 MIDD_T2	2	2	0	0.75	1.3	0.55	0	0	0	0	0	0	0	0
10/20/2023 14:01	58402 MORO_T1	0	0	0	0	0	0	-1.05	-1.1	2	2	0	1500	1500	0
10/20/2023 14:02	58402 MORO_T1	0	0	0	0	0	0	-1.05	-1.1	2	2	0	1500	1500	0
10/20/2023 14:04	58402 MORO_T1	0	0	0	0	0	0	-1.05	-1.1	2	2	0	1500	1500	0
10/20/2023 14:04	67502 WEWI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/20/2023 14:04	42902 MIDD_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/20/2023 14:05	15103 UPHA_T2	0	1	1	0	0.2	0.2	0.35	0.37	0	0	0	0	0	0
10/20/2023 14:06	66703 STRA_T1	0	1	1	0	0.1	0.1	-0.11	-0.01	0	0	0	0	0	0
10/20/2023 14:06	26401 INOR_T1	0	0	0	0	0	0	0.65	0.63	0	0	0	0	0	0
10/20/2023 14:06	20402 ASHF_T2	1	2	1	0.2	0.15	-0.05	0	0	0	0	0	0	0	0
10/20/2023 14:07	20601 GRWO_T2	0	1	1	0	0	0	0	0	0	0	0	0	0	0
10/20/2023 14:07	45902 AUBU_T1	4	0	-4	0.15	0	-0.15	-0.88	-0.8	1	1	0	600	600	0
10/20/2023 14:07	59202 THOM_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/20/2023 14:07	43301 WATS_T2	1	1	0	0.8	0.8	0	0	0	0	0	0	0	0	0
10/20/2023 14:08	67605 WARW_T1	2	3	1	0.35	0.3	-0.05	-1.03	-1.04	0	0	0	0	0	0
10/20/2023 14:09	44901 SCOT_T2	0	0	0	0	0	0	0.25	0.37	0	0	0	0	0	0
10/20/2023 14:09	45902 AUBU_T1	4	0	-4	0.15	0	-0.15	-0.88	-0.8	1	1	0	600	600	0
10/20/2023 14:11	45902 AUBU_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/20/2023 14:12	20401 ASHF_T2	38	94	56	0.18	0.24	0.06	0	0	0	0	0	0	0	0
10/20/2023 14:14	45003 LIME_2	2	2	0	2.1	2.05	-0.05	0	0	1	1	0	1200	1200	0
10/20/2023 14:15	44502 HAMI_T2	1	1	0	3.4	3.6	0.2	-0.75	-0.82	0	0	0	0	0	0
10/20/2023 14:16	45001 LIME_2	0	23	23	0	0.23	0.23	0	0	0	0	0	0	0	0
10/20/2023 14:16	64802 MONE_T2	1	228	227	0.2	0.46	0.26	-0.01	-0.01	0	0	0	0	0	0
10/20/2023 14:16	67502 WEWI_T2	20	32	12	0.3	0.2	-0.1	0	0	0	0	0	0	0	0
10/20/2023 14:17	67401 WAKE_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/20/2023 14:17	67502 WEWI_T2	20	32	12	0.3	0.2	-0.1	-0.83	-0.73	0	0	0	0	0	0
10/20/2023 14:17	42902 MIDD_T2	0	0	0	0	0	0	-1.04	-1.06	1	1	0	600	600	0
10/20/2023 14:17	58402 MORO_T1	0	0	0	0	0	0	-1.1	-1.11	2	2	0	1500	1500	0
10/20/2023 14:17	65604 QVIL_T2	0	0	0	0	0	0	0.44	0.46	0	0	0	0	0	0
10/20/2023 14:18	26603 BROO_T1	0	0	0	0	0	0	0.12	0.12	0	0	0	0	0	0
10/20/2023 14:18	42903 MIDD_T2	2	2	0	0.55	1.35	0.8	0	0	0	0	0	0	0	0
10/20/2023 14:18	44601 SALE_T2	0	0	0	0	0	0	1.66	1.84	4	4	0	1800	1800	0
10/20/2023 14:18	42902 MIDD_T2	0	0	0	0	0	0	-1.04	-1.06	1	1	0	600	600	0
10/20/2023 14:18	67502 WEWI_T2	20	32	12	0.3	0.2	-0.1	-0.83	-0.73	0	0	0	0	0	0
10/20/2023 14:19	44901 SCOT_T2	0	0	0	0	0	0	0.37	0.28	0	0	0	0	0	0
10/20/2023 14:19	67502 WEWI_T2	20	32	12	0.3	0.2	-0.1	-0.41	-0.37	0	0	0	0	0	0
10/20/2023 14:20	65604 QVIL_T2	0	0	0	0	0	0	0.44	0.46	0	0	0	0	0	0
10/20/2023 14:21	42201 SHEN_T2	0	0	0	0	0	0	0.36	0.38	0	0	0	0	0	0
10/20/2023 14:22	66703 STRA_T1	1	0	-1	0.1	0	-0.1	-0.01	0.03	0	0	0	0	0	0
10/20/2023 14:22	42001 MNVL_T2	0	0	0	0	0	0	0	-0.01	0	0	0	0	0	0
10/20/2023 14:22	20403 ASHF_T2	178	163	-15	0.34	0.33	-0.01	-0.05	0.16	0	0	0	0	0	0
10/20/2023 14:22	43402 BENT_T1	0	0	0	0	0	0	-0.61	-0.64	1	1	0	900	900	0
10/20/2023 14:23	45902 AUBU_T1	0	0	0	0	0	0	-0.8	-0.7	1	1	0	600	600	0
10/20/2023 14:24	60801 BUCK_T1	137	204	67	0.32	0.37	0.05	-0.14	-0.14	0	0	0	0	0	0
10/20/2023 14:24	46203 DANV_T2	0	0	0	0	0	0	-0.09	-0.11	0	0	0	0	0	0
10/20/2023 14:24	65003 NEFF_T2	2	4	2	0.15	0.13	-0.02	0	0	0	0	0	0	0	0
10/20/2023 14:24	60801 BUCK_T1	137	204	67	0.32	0.37	0.05	-0.14	-0.14	0	0	0	0	0	0
10/20/2023 14:25	60801 BUCK_T1	137	204	67	0.32	0.37	0.05	0	0	0	0	0	0	0	0
10/20/2023 14:25	45902 AUBU_T1	0	0	0	0	0	0	-0.8	-0.7	1	1	0	600	600	0
10/20/2023 14:26	55101 WERT_T1	0	0	0	0	0	0	-0.89	-0.9	2	2	0	1500	1500	0
10/20/2023 14:27	45902 AUBU_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/20/2023 14:28	46206 DANV_T2	1	1	0	0.4	0	-0.4	0	0	0	0	0	0	0	0
10/20/2023 14:28	40101 HUNT_T2	0	1	1	0	0	0	-0.29	-0.3	0	0	0	0	0	0
10/20/2023 14:29	46501 LOHA_T1	1	1	0	0.8	1	0.2	0	0

10/20/2023 14:38	46203 DANV_T2	0	0	0	0	0	0	-0.11	-0.12	0	0	0	0	0	0
10/20/2023 14:38	59101 WALK_T2	1	1	0	0	0	0	0.73	1.02	0	0	0	0	0	0
10/20/2023 14:39	65003 NEFF_T2	2	5	3	0.1	0.22	0.12	0	0	0	0	0	0	0	0
10/20/2023 14:39	59101 WALK_T2	1	1	0	0	0	0	0.73	1.02	0	0	0	0	0	0
10/20/2023 14:40	46206 DANV_T2	1	0	-1	0.2	0	-0.2	0	0	0	0	0	0	0	0
10/20/2023 14:40	60803 BUCK_T1	80	89	9	0.27	0.26	-0.01	0	0	0	0	0	0	0	0
10/20/2023 14:40	56801 BENV_T1	9	10	1	0.5	0.31	-0.19	-0.25	-0.22	0	0	0	0	0	0
10/20/2023 14:40	24901 WHHA_T1	0	1	1	0	0.4	0.4	0.55	0.52	0	0	0	0	0	0
10/20/2023 14:40	15001 BLMO_T1	12	3	-9	0.19	0.23	0.04	0	0	0	0	0	0	0	0
10/20/2023 14:41	56803 BENV_T1	1	0	-1	0.1	0	-0.1	0	0	0	0	0	0	0	0
10/20/2023 14:41	15001 BLMO_T1	12	3	-9	0.19	0.23	0.04	0	0	0	0	0	0	0	0
10/20/2023 14:42	43402 BENT_T1	0	0	0	0	0	0	-0.64	-0.66	1	1	0	900	900	0
10/20/2023 14:42	46206 DANV_T2	1	0	-1	0.2	0	-0.2	0	0	0	0	0	0	0	0
10/20/2023 14:42	10801 CHHI_T1	6	6	0	0.7	0.53	-0.17	-0.99	-0.99	1	1	0	900	900	0
10/20/2023 14:44	40101 HUNT_T2	0	1	1	0	3.7	3.7	-0.3	-0.08	0	0	0	0	0	0
10/20/2023 14:45	46501 LOHA_T1	1	1	0	0.8	0.9	0.1	-0.41	-0.33	1	1	0	1200	1200	0
10/20/2023 14:45	40902 JESH_T1	1	5	4	0.1	0.12	0.02	-0.6	-0.63	0	0	0	0	0	0
10/20/2023 14:45	58402 MORO_T1	0	0	0	0	0	0	-1.14	-1.14	2	2	0	1500	1500	0
10/20/2023 14:45	63203 MGTN_T1	0	0	0	0	0	0	-0.75	-0.77	2	2	0	1200	1200	0
10/20/2023 14:45	40101 HUNT_T2	0	0	0	0	0	0	-0.3	-0.08	0	0	0	0	0	0
10/20/2023 14:46	40101 HUNT_T2	0	0	0	0	0	0	-0.3	-0.08	0	0	0	0	0	0
10/20/2023 14:47	67502 WEWI_T2	15	57	42	0.23	0.18	-0.05	0	0	0	0	0	0	0	0
10/20/2023 14:48	59003 MIFF_T1	0	0	0	0	0	0	1.69	1.29	0	0	0	0	0	0
10/20/2023 14:48	59301 MCAL_T1	36	71	35	0.23	0.47	0.24	-1.12	-1.13	0	0	0	0	0	0
10/20/2023 14:48	46501 LOHA_T1	1	1	0	0.8	0.9	0.1	0	0	0	0	0	0	0	0
10/20/2023 14:48	67502 WEWI_T2	15	57	42	0.23	0.18	-0.05	-0.39	-0.44	0	0	0	0	0	0
10/20/2023 14:48	52404 GRPA_T2	1	1	0	0.2	0.5	0.3	0	0	0	0	0	0	0	0
10/20/2023 14:48	42902 MIDD_T2	0	0	0	0	0	0	-1.1	-0.99	1	1	0	600	600	0
10/20/2023 14:48	65604 QVIL_T2	0	0	0	0	0	0	0.43	0.43	0	0	0	0	0	0
10/20/2023 14:49	67503 WEWI_T2	0	0	0	0	0	0	-0.5	-0.53	0	0	0	0	0	0
10/20/2023 14:49	54701 NEBL_T1	3	5	2	0.2	0.22	0.02	0	0	1	1	0	600	600	0
10/20/2023 14:49	58402 MORO_T1	0	0	0	0	0	0	-2.28	-2.28	4	4	0	3000	3000	0
10/20/2023 14:50	67502 WEWI_T2	15	57	42	0.23	0.18	-0.05	-0.78	-0.88	0	0	0	0	0	0
10/20/2023 14:50	56504 ROCK_T2	0	1	1	0	0	0	-0.35	-0.34	0	0	0	0	0	0
10/20/2023 14:50	59101 WALK_T2	1	1	0	0	0	0	2.04	2.36	0	0	0	0	0	0
10/20/2023 14:50	67204 TEHI_T2	0	0	0	0	0	0	-0.09	-0.1	0	0	0	0	0	0
10/20/2023 14:50	26603 BROD_T1	0	0	0	0	0	0	0.1	0.09	0	0	0	0	0	0
10/20/2023 14:51	52403 GRPA_T2	1	0	-1	2.4	0	-2.4	-0.06	-0.03	0	0	0	0	0	0
10/20/2023 14:51	59101 WALK_T2	1	1	0	0	0	0	2.04	2.36	0	0	0	0	0	0
10/20/2023 14:51	13105 NHAM_T2	0	1	1	0	0	0	-0.29	-0.25	1	1	0	1200	1200	0
10/20/2023 14:51	45902 AUBU_T1	0	0	0	0	0	0	-0.77	-0.72	1	1	0	600	600	0
10/20/2023 14:52	55101 WERT_T1	0	0	0	0	0	0	-0.97	-0.98	2	2	0	1500	1500	0
10/20/2023 14:52	43301 WATS_T2	1	1	0	0.6	0.7	0.1	0	0	0	0	0	0	0	0
10/20/2023 14:52	59003 MIFF_T1	0	0	0	0	0	0	0.85	0.64	0	0	0	0	0	0
10/20/2023 14:52	65604 QVIL_T2	0	0	0	0	0	0	0.43	0.43	0	0	0	0	0	0
10/20/2023 14:52	14802 TREI_T2	24	16	-8	0.31	0.26	-0.05	0.37	0.33	0	0	0	0	0	0
10/20/2023 14:52	52402 GRPA_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/20/2023 14:53	52401 GRPA_T2	1	1	0	0.2	0.5	0.3	0	0	0	0	0	0	0	0
10/20/2023 14:53	42001 MNVL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/20/2023 14:53	46004 BERW_T2	0	2	2	0	0.1	0.1	-0.6	-0.62	0	0	0	0	0	0
10/20/2023 14:53	43304 WATS_T2	0	0	0	0	0	0	-1.08	-0.96	0	0	0	0	0	0
10/20/2023 14:53	67204 TEHI_T2	0	0	0	0	0	0	-0.09	-0.1	0	0	0	0	0	0
10/20/2023 14:54	43301 WATS_T2	1	1	0	0.6	0.7	0.1	0.32	0.3	0	0	0	0	0	0
10/20/2023 14:54	45902 AUBU_T1	0	0	0	0	0	0	-0.77	-0.72	1	1	0	600	600	0
10/20/2023 14:54	66703 STRA_T1	0	1	1	0	0.1	0.1	-0.08	-0.06	0	0	0	0	0	0
10/20/2023 14:54	60803 BUCK_T1	82	102	20	0.26	0.31	0.05	-0.87	-0.88	1	1	0	600	600	0
10/20/2023 14:54	43304 WATS_T2	0	0	0	0	0	0	-1.08	-0.96	0	0	0	0	0	0
10/20/2023 14:55	43304 WATS_T2	0	0	0	0	0	0	-0.54	-0.48	0	0	0	0	0	0
10/20/2023 14:56	28602 BLYT_T2	1	1	0	0.2	0.2	0	0	0	0	0	0	0	0	0
10/20/2023 14:56	43301 WATS_T2	1	1	0	0.6	0.7	0.1	0	0	0	0	0	0	0	0
10/20/2023 14:56	60803 BUCK_T1	82	102	20	0.26	0.31	0.05	-0.87	-0.88	1	1	0	600	600	0
10/20/2023 14:57	44501 HAMI_T2	0	5	5	0	0.1	0.1	0	0	0	0	0	0	0	0
10/20/2023 14:57	56801 BENV_T1	6	8	2	0.37	0.36	-0.01	-0.22	-0.22	0	0	0	0	0	0
10/20/2023 14:58	45003 LIME_2	2	2	0	2.25	2.7	0.45	0	0	1	1	0	1200	1200	0
10/20/2023 14:58	46206 DANV_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/20/2023 14:59	42902 MIDD_T2	0	0	0	0	0	0	-0.99	-0.47	1	1	0	600	600	0
10/20/2023 14:59	56603 HAMP_T1	0	62	62	0	0.19	0.19	0	0	0	0	0	0	0	0
10/20/2023 15:00	42903 MIDD_T2	2	2	0	1.5	1.35	-0.15	0	0	0	0	0	0	0	0
10/20/2023 15:01	56603 HAMP_T1	28	64	36	0.11	0.19	0.08	0	0	0	0	0	0	0	0
10/20/2023 15:02	45003 LIME_2	2	2	0	2.45	2.7	0.25	0	0	1	1	0	1200	1200	0
10/20/2023 15:02	56603 HAMP_T1	28	64	36	0.11	0.19	0.08	0	0	0	0	0	0	0	0
10/20/2023 15:03	41901 REED_T1	1	2	1	0.2	0.3	0.1	0	0	0	0	0	0	0	0
10/20/2023 15:04	64801 MONE_T2	0	1	1	0	0.4	0.4	0	0	0	0	0	0	0	0
10/20/2023 15:04	64902 MILL_T2	0	0	0	0	0	0	-0.65	-0.61	1	1	0	900	900	0
10/20/2023 15:04	59301 MCAL_T1	53	72	19	0.3	0.48	0.18	-1.13	-1.17	0	0	0	0	0	0
10/20/2023 15:10	45902 AUBU_T1	0	0	0	0	0	0	-0.72	-0.82	1	1	0	600	600	0
10/20/2023 15:12	67502 WEWI_T2	32	132	100	0.19	0.18	-0.01	-0.44	-0.38	0	0	0	0	0	0
10/20/2023 15:13	52401 GRPA_T2	1	1	0	0.5	0.5	0	0	0	0	0	0	0	0	0
10/20/2023 15:13	67401 WAKE_T2	268	486	218	0.32	0.37	0.05	-1.12	-1.14	0	0	0	0	0	0
10/20/2023 15:13	42201 SHEN_T2	0	0	0	0	0	0	0.38	0.38	0	0	0	0	0	0
10/20/2023 15:13	15001 BLMO_T1	2	0	-2	0.3	0	-0.3	0	0	0	0	0	0	0	0
10/20/2023 15:14	64802 MONE_T2	158	55	-103	0.47	0.22	-0.25	-0.01	-0.01	0	0	0	0	0	0
10/20/2023 15:14	52404 GRPA_T2	1	1	0	0.5	0.5	0	0	0	0	0	0	0	0	0
10/20/2023 15:14	67502 WEWI_T2	32	132	100	0.19	0.18	-0.01	-0.38	-0.41	0	0	0	0	0	0
10/20/2023 15:15	41902 REED_T1	0	0	0	0	0	0	0.96	1.03	0	0	0	0	0	0
10/20/2023 15:16	63401 HONY_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/20/2023 15:18	15001 BLMO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/20/2023 15:18	42903 MIDD_T2	2	2	0	1.35	1.2	-0.15	-2.28	-2.28	2	2	0	2400	2400	0
10/20/2023 15:20	67503 WEWI_T2	0	0	0	0	0	0	-0.46	-0.48	0	0	0	0	0	0
10/20/2023 15:21	45901 AUBU_T1	0	0	0	0	0	0	1.78	1.84	0	0	0	0	0	0
10/20/2023 15:21	16302 ALPA_T2	0	0	0	0	0	0	0.73	0.7	0	0	0	0	0	0
10/20/2023 15:23	27502 WEIS_T2	0	0	0	0	0	0	-0.51	-0.55	0	0	0	0	0	0
10/20/2023 15:24	64101 REFR_T1	0	0	0	0	0	0	-0.16	-0.13	0	0	0	0	0	0
10/20/2023 15:24	16302 ALPA_T2	0	0	0	0	0	0	1.46	1.4	0	0	0	0	0	0
10/20/2023 15:24	46001 BERW_T1	0	0	0	0	0	0	1.67	1.72	0	0	0	0	0	0
10/20/2023 15:25	10602 BLGL_T2	0	0	0	0	0	0	0.56	0.63	0	0	0	0	0	0
10/20/2023 15:25	16302 ALPA_T2	0	0	0	0	0	0	0.73	0.7	0	0	0	0	0	0
10/20/2023 15:26	45902 AUBU_T1	0	0	0	0	0	0	-0.82	-0.82	1	1	0	600	600	0
10/20/2023 15:29	45901 AUBU_T1	0	0	0	0	0	0	1.84	1.81	0	0	0	0	0	0
10/20/2023 15:29	64303 LINC_T1	0	0	0	0	0	0	-0.09	-0.09	0	0	0	0	0	0
10/20/2023 15:30	47802 MOCA_T2	3	0	-3	0.1	0	-0.1	-0.97	-0.98	0	0	0	0	0	0
10/20/2023 15:30	64301 LINC_T1	0	0	0	0	0	0	-0.13	0.41	1	1	0	600	600	0
10/20/2023 15:32	54206 PENN_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/20/2023 15:35	66703 STRA_T1	0	3	3	0	0.13	0.13	-0.1	-0.05	0	0	0	0	0	0
10/20/2023 15:39	13503 MCMI_T2	0	0	0	0	0	0	-0.01	-0.01	0	0	0	0	0	0
10/20/2023 15:50	52402 GRPA_T2	5	5	0	1.36	1.48	0.12	0	0	0	0	0	0	0	0
10/20/2023 15:59	56504 ROCK_T2	0	0	0	0	0	0	-0.34	-0.39	0	0	0	0	0	0
10/20/2023 16:06	52404 GRPA_T2	1	1	0	0.4	0.5	0.1	0	0	0	0	0	0	0	0
10/20/2023 16:07	20603 GRWO_T2	4	25	21	0.1	0.3	0.2	0.38	0.34	0	0	0	0	0	0
10/20/2023 16:08	20603 GRWO_T2	4	25	21	0.1	0.3	0.2	0.38	0.34	0	0	0	0	0	0
10/20/2023 16:16	65002 NEFF_T2	5	7	2	0.12	0.13	0.01	0	0	0	0	0	0	0	0
10/20/2023 16:23	20603 GRWO_T2	22	24	2	0.27	0.32	0.05	0.34	0.35	0	0	0	0	0	0
10/20/2023 16:27	20603 GRWO_T2	22	24	2	0.27	0.32	0.05	0.34	0.35	0	0	0	0	0	0
10/20/2023 16:37	20603 GRWO_T2	24	21	-3	0.3	0.27	-0.03	0.35	0.35	0	0	0	0	0	0
10/20/2023 16:39	20603 GRWO_T2	24	21	-3	0.3	0.27	-0.03	0.35	0.35	0	0	0	0	0	0
10/20/2023 16:44	46503 LOHA_T1	6	3	-3	0.1	0.1	0	-1.24	-1.26	0	0	0	0	0	0
10/20/2023 16:46	52501 PROG_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/20/2023 16:49	65002 NEFF_T2	0	12	12	0	0.14	0.14	0	0	0	0	0	0	0	0
10/20/2023 16:54	59101 WALK_T2	1	1	0	0	0	0	0.92	0.91	0	0	0	0	0	0
10/20/2023 16:57	43304 WATS_T2	0	0	0	0	0	0	-0.58	-0.6	0	0	0	0	0	0
10/20/2023 17:10	59101 WALK_T2	1	1	0	0	0	0	0.91	1.11	0	0	0	0	0	0
10/20/2023 18:31	46003 BERW_T2	1	1	0	1.1	0.8	-0.3	0	0	0	0	0	0	0	0
10/20/2023 18:43	52404 GRPA_T2	1	1	0	0.4	0.5	0.1	0	0	0	0	0	0	0	0
10/20/2023 18:54	67502 WEWI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/20/2023 18:55	45902 AUBU_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/20/2023 18:58	40602 PGR_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/20/2023 18:59	42503 ALTA_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/20/2023 19:03	45902 AUBU_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/20/2023 19:04	60801 BUCK_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/20/2023 19:04	46206 DANV_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/20/2023 19:06	43304 WATS_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/20/2023 19:06	61303 EARL_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/20/2023 19:07	45802 HEGI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/20/2023 19:08	40602 PGR_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/20/2023 19:08	42401 GIMA_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/20/2023 19:09	26401 INOR_T1	1	1	0	0.2	0.1	-0.1	0	0	0	0	0	0	0	0
10/20/2023 19:09	20401 ASHF_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/20/2023 19:09	64902 MILL_T2	0	0	0	0	0	0	-0.81	-0.77	1	1	0	900	900	0
10/20/2023 19:10	43304 WATS_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/20/2023 19:11	67401 WAKE_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/20/2023 19:13	63401 HONY_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/20/2023 19:13	56802 BENV_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/20/2023 19:13	46203 DANV_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/20/2023 19:14	56802 BENV_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/20/2023 19:14	46803 HEPB_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/20/2023 19:14	42902 MIDD_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/20/2023 19:17	46301 ROHR_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/20/2023 19:17	56504 ROCK_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/20/2023 19:17	42903 MIDD_T2	2	2	0	0.8	0.7	-0.1	0	0	0	0	0	0	0	0
10/20/2023 19:18	56802 BENV_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/20/2023 19:18	54505 ENOL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/20/2023 19:18	46203 DANV_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/20/2023 19:18	23301 JEFF_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/20/2023 19:19	42903 MIDD_T2	2	2	0	0.8	0.7	-0.1	0	0	0	0	0	0	0	0
10/20/2023 19:19	56802 BENV_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/20/2023 19:20	60801 BUCK_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/20/2023 19:23	42903 MIDD_T2	2	2	0	0.8	0.7	-0.1	0	0	0	0	0	0	0	0
10/20/2023 19:24	54701 NEBL_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/20/2023 19:24	46001 BERW_T1	0	0	0	0	0	0	0.77	0.76	0	0	0	0	0	0
10/20/2023 19:26	44601 SALE_T2	0	0	0	0	0	0	-0.04	-0.06	0	0	0	0	0	0
10/20/2023 19:26	54701 NEBL_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/20/2023 19:26	53903 HAU_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/20/2023 19:27	59102 WALK_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/20/2023 19:28	52402 GRPA_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/20/2023 19:31	52402 GRPA_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/20/2023 19:33	45902 AUBU_T1	1	1	0	0.1	0.1	0	0	0	0	0	0	0	0	0
10/20/2023 19:34	55101 WERT_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/20/2023 19:36	20603 GRWO_T2	5	2	-3	0.1	0.1	0	0.35	0.31	0	0	0	0	0	0
10/20/2023 19:37	46001 BERW_T1	0	0	0	0	0	0	0.76	0.73	0	0	0	0	0	0
10/20/2023 19:38	46001 BERW_T1	0	0	0	0	0	0	0.76	0.73	0	0	0	0	0	0
10/20/2023 19:41	46001 BERW_T1	0	0	0	0	0	0	0.76	0.73	0	0	0	0	0	0
10/20/2023 19:42	28604 BLYT_T2	0	0	0	0	0	0	-1.39	-1.42	0	0	0	0	0	0
10/20/2023 19:43	28403 HART_T2	0	0	0	0	0	0	-0.65	-0.66	1	1	0	900	900	0
10/20/2023 19:43	25801 SUTR_T2	0	0	0	0	0	0	-0.11	-0.12	0	0	0	0	0	0
10/20/2023 19:44	67502 WEWI_T2	1	2	1	0.1	0.1	0	0	0	0	0	0	0	0	0
10/20/2023 19:47	44601 SALE_T2	0	1	1	0	0.1	0.1	-0.03	-0.04	0	0	0	0	0	0
10/20/2023 19:48	20603 GRWO_T2	1	2	1	0.1	0.1	0	0.31	0.32	0	0	0	0	0	0
10/20/2023 19:49	66504 SMAN_T2	0	0	0	0	0	0	-0.45	-0.45	0	0	0	0	0	0
10/20/2023 19:49	61802 EEU_T2	1	23	22	0.1	0.14	0.04	-0.25	-0.26	0	0	0	0	0	0
10/20/2023 19:51	67204 TEHI_T2	3	81	78	0.1	0.18	0.08	0.05	0.05	0	0	0	0	0	0
10/20/2023 19:52	47802 MOCA_T2

10/20/2023 20:09	20403 ASHF_T2	0	0	0	0	0	0	0.12	0.11	0	0	0	0	0	0
10/20/2023 20:09	41901 REED_T1	4	6	2	0.4	0.33	-0.07	0	0	0	0	0	0	0	0
10/20/2023 20:09	45003 LIME_2	1	1	0	2.9	3.3	0.4	0	0	0	0	0	0	0	0
10/20/2023 20:09	46203 DANV_T2	0	1	1	0	0	0	-0.13	-0.14	0	0	0	0	0	0
10/20/2023 20:10	64101 REFR_T1	0	0	0	0	0	0	-0.2	-0.21	0	0	0	0	0	0
10/20/2023 20:10	43301 WATS_T2	1	1	0	0.4	0.8	0.4	0	0	0	0	0	0	0	0
10/20/2023 20:10	63203 MGTN_T1	0	0	0	0	0	0	-0.25	-0.24	1	1	0	600	600	0
10/20/2023 20:10	43402 BENT_T1	0	0	0	0	0	0	-0.96	-0.97	1	1	0	900	900	0
10/20/2023 20:10	17802 GILB_T1	0	0	0	0	0	0	0.04	0.04	0	0	0	0	0	0
10/20/2023 20:10	46801 HEPB_T2	2	2	0	0.35	0.45	0.1	0.56	0.55	0	0	0	0	0	0
10/20/2023 20:11	46504 LOHA_T1	2	2	0	0.25	0.85	0.6	0	0	0	0	0	0	0	0
10/20/2023 20:11	10805 CHHI_T2	1	2	1	7.2	3.9	-3.3	-1.13	-1.1	1	1	0	600	600	0
10/20/2023 20:11	42802 SELI_T1	0	0	0	0	0	0	-1.21	-1.28	0	0	0	0	0	0
10/20/2023 20:11	49804 UNIV_T1	0	2	2	0	0.2	0.2	0	0	0	0	0	0	0	0
10/20/2023 20:11	14802 TREI_T2	3	3	0	0.2	0.27	0.07	0.32	0.32	0	0	0	0	0	0
10/20/2023 20:11	43302 WATS_T2	0	1	1	0	0.1	0.1	0	0	0	0	0	0	0	0
10/20/2023 20:11	43402 BENT_T1	0	0	0	0	0	0	-0.96	-0.97	1	1	0	900	900	0
10/20/2023 20:11	67402 WAKE_T2	22	3	-19	0.13	0.13	0	0.14	0.14	0	0	0	0	0	0
10/20/2023 20:12	40101 HUNT_T2	0	0	0	0	0	0	-0.64	-0.64	0	0	0	0	0	0
10/20/2023 20:12	64101 REFR_T1	0	0	0	0	0	0	-0.39	-0.41	0	0	0	0	0	0
10/20/2023 20:12	42903 MIDD_T2	2	2	0	0.75	1.1	0.35	-1.3	-1.28	1	1	0	1200	1200	0
10/20/2023 20:12	64305 LINC_T1	1	2	1	0.3	0.25	-0.05	0	0	0	0	0	0	0	0
10/20/2023 20:12	61801 EELI_T2	9	23	14	0.56	0.3	-0.26	-0.9	-0.93	1	1	0	600	600	0
10/20/2023 20:12	67401 WAKE_T2	382	260	-122	0.4	0.35	-0.05	-1.21	-0.92	0	0	0	0	0	0
10/20/2023 20:12	46203 DANV_T2	0	1	1	0	0	0	-0.13	-0.14	0	0	0	0	0	0
10/20/2023 20:13	16302 ALPA_T2	0	0	0	0	0	0	1.26	1.3	0	0	0	0	0	0
10/20/2023 20:13	47401 PENS_T1	0	0	0	0	0	0	0.87	0.8	0	0	0	0	0	0
10/20/2023 20:13	60803 BUCK_T1	128	158	30	0.33	0.41	0.08	0	0	0	0	0	0	0	0
10/20/2023 20:13	42903 MIDD_T2	2	2	0	0.75	1.1	0.35	0	0	0	0	0	0	0	0
10/20/2023 20:13	29401 BELT_T1	0	1	1	0	0	0	0	0	0	0	0	0	0	0
10/20/2023 20:13	43301 WATS_T2	1	1	0	0.4	0.8	0.4	0	0	0	0	0	0	0	0
10/20/2023 20:13	46504 LOHA_T1	2	2	0	0.25	0.85	0.6	0	0	0	0	0	0	0	0
10/20/2023 20:13	56802 BENV_T2	47	126	79	0.14	0.21	0.07	-0.67	-0.68	0	0	0	0	0	0
10/20/2023 20:13	54502 ENOL_T2	1	1	0	0.5	0.7	0.2	-1.38	-1.36	0	0	0	0	0	0
10/20/2023 20:13	15001 BLMO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/20/2023 20:13	64101 REFR_T1	0	0	0	0	0	0	-0.21	-0.2	0	0	0	0	0	0
10/20/2023 20:13	20403 ASHF_T2	0	0	0	0	0	0	0.22	0.24	0	0	0	0	0	0
10/20/2023 20:14	47402 PENS_T1	0	1	1	0	0	0	0	0	0	0	0	0	0	0
10/20/2023 20:14	67502 WEWI_T2	2	0	-2	0.1	0	-0.1	0	0	0	0	0	0	0	0
10/20/2023 20:14	42802 SELI_T1	0	0	0	0	0	0	-1.28	-1.41	0	0	0	0	0	0
10/20/2023 20:14	56802 BENV_T2	47	126	79	0.14	0.21	0.07	-3.35	-3.4	0	0	0	0	0	0
10/20/2023 20:14	44801 EDAN_T2	0	1	1	0	0.1	0.1	0	0	0	0	0	0	0	0
10/20/2023 20:14	42903 MIDD_T2	2	2	0	0.75	1.1	0.35	0	0	0	0	0	0	0	0
10/20/2023 20:14	49803 UNIV_T1	0	0	0	0	0	0	-1.18	-1.18	0	0	0	0	0	0
10/20/2023 20:14	16302 ALPA_T2	0	0	0	0	0	0	0.63	0.65	0	0	0	0	0	0
10/20/2023 20:14	66703 STRA_T1	6	4	-2	0.37	0.2	-0.17	-0.35	-0.36	0	0	0	0	0	0
10/20/2023 20:14	43202 MVIL_T2	0	10	10	0	0.16	0.16	-0.73	-0.72	0	0	0	0	0	0
10/20/2023 20:15	56802 BENV_T2	115	129	14	0.2	0.22	0.02	-0.67	-0.68	0	0	0	0	0	0
10/20/2023 20:15	42001 MNVL_T2	0	0	0	0	0	0	0.06	0.03	0	0	0	0	0	0
10/20/2023 20:15	59302 MCAL_T1	1	5	4	1.3	0.36	-0.94	0.21	0.2	0	0	0	0	0	0
10/20/2023 20:15	64802 MONE_T2	0	0	0	0	0	0	-0.01	-0.01	0	0	0	0	0	0
10/20/2023 20:15	16302 ALPA_T2	0	0	0	0	0	0	0.63	0.65	0	0	0	0	0	0
10/20/2023 20:16	41902 REED_T1	0	0	0	0	0	0	1.03	1.03	0	0	0	0	0	0
10/20/2023 20:16	66504 SMAN_T2	0	0	0	0	0	0	-0.44	-0.46	0	0	0	0	0	0
10/20/2023 20:16	61801 EELI_T2	23	38	15	0.3	0.29	-0.01	-0.93	-0.9	1	1	0	600	600	0
10/20/2023 20:16	43202 MVIL_T2	3	10	7	0.1	0.17	0.07	-0.73	-0.72	0	0	0	0	0	0
10/20/2023 20:17	53601 DALM_T2	1	1	0	0.6	1.1	0.5	-0.15	-0.1	0	0	0	0	0	0
10/20/2023 20:18	54505 ENOL_T2	1	1	0	1.2	1.3	0.1	0	0	0	0	0	0	0	0
10/20/2023 20:18	42903 MIDD_T2	2	2	0	1	1.15	0.15	0	0	0	0	0	0	0	0
10/20/2023 20:18	56802 BENV_T2	115	129	14	0.2	0.22	0.02	-0.67	-0.68	0	0	0	0	0	0
10/20/2023 20:18	46301 ROHR_T1	0	0	0	0	0	0	0.19	0.2	0	0	0	0	0	0
10/20/2023 20:18	56801 BENV_T1	21	25	4	0.37	0.36	-0.01	-0.18	-0.21	0	0	0	0	0	0
10/20/2023 20:19	46504 LOHA_T1	2	2	0	0.3	0.95	0.65	0	0	0	0	0	0	0	0
10/20/2023 20:19	51604 DUKE_T2	0	0	0	0	0	0	-0.67	-0.66	0	0	0	0	0	0
10/20/2023 20:19	52502 PROG_T2	0	0	0	0	0	0	0.23	0.23	0	0	0	0	0	0
10/20/2023 20:19	54502 ENOL_T2	1	1	0	0.5	0.8	0.3	0	0	0	0	0	0	0	0
10/20/2023 20:19	55101 WERT_T1	0	0	0	0	0	0	-1.35	-1.42	2	2	0	1500	1500	0
10/20/2023 20:19	56802 BENV_T2	115	129	14	0.2	0.22	0.02	-0.67	-0.68	0	0	0	0	0	0
10/20/2023 20:19	59101 WALK_T2	1	1	0	0	0	0	1.3	1.32	0	0	0	0	0	0
10/20/2023 20:19	40101 HUNT_T2	0	0	0	0	0	0	-0.64	-0.68	0	0	0	0	0	0
10/20/2023 20:19	56801 BENV_T1	21	25	4	0.37	0.36	-0.01	-0.18	-0.21	0	0	0	0	0	0
10/20/2023 20:19	56603 HAMP_T1	112	118	6	0.35	0.52	0.17	0	0	0	0	0	0	0	0
10/20/2023 20:20	10805 CHHI_T2	2	2	0	3.9	3.7	-0.2	-1.1	-1.1	1	1	0	600	600	0
10/20/2023 20:20	54504 ENOL_T2	0	0	0	0	0	0	-2.22	-2.35	1	1	0	600	600	0
10/20/2023 20:20	29401 BELT_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/20/2023 20:20	54502 ENOL_T2	1	1	0	0.5	0.8	0.3	0	0	0	0	0	0	0	0
10/20/2023 20:20	15001 BLMO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/20/2023 20:20	56802 BENV_T2	115	129	14	0.2	0.22	0.02	-0.67	-0.68	0	0	0	0	0	0
10/20/2023 20:20	59201 THOM_T1	3	2	-1	0.13	0.1	-0.03	0	0	0	0	0	0	0	0
10/20/2023 20:20	56801 BENV_T1	21	25	4	0.37	0.36	-0.01	-0.18	-0.21	0	0	0	0	0	0
10/20/2023 20:21	56801 BENV_T1	21	25	4	0.37	0.36	-0.01	-0.36	-0.42	0	0	0	0	0	0
10/20/2023 20:21	54202 PENN_T2	65	143	78	0.14	0.16	0.02	0	0	0	0	0	0	0	0
10/20/2023 20:22	17805 GILB_T2	0	1	1	0	0.1	0.1	0	0	0	0	0	0	0	0
10/20/2023 20:22	14801 TREI_T2	0	30	30	0	0.13	0.13	0	0	0	0	0	0	0	0
10/20/2023 20:22	46504 LOHA_T1	2	2	0	0.3	0.95	0.65	0	0	0	0	0	0	0	0
10/20/2023 20:23	56801 BENV_T1	21	25	4	0.37	0.36	-0.01	-0.36	-0.42	0	0	0	0	0	0
10/20/2023 20:24	56503 ROCK_T2	113	151	38	0.19	0.22	0.03	0	0	0	0	0	0	0	0
10/20/2023 20:24	58402 MORO_T1	0	0	0	0	0	0	-1.12	-1.18	2	2	0	1500	1500	0
10/20/2023 20:24	54502 ENOL_T2	1	1	0	0.5	0.8	0.3	-1.38	-1.36	0	0	0	0	0	0
10/20/2023 20:24	56504 ROCK_T2	0	0	0	0	0	0	-0.36	-0.36	0	0	0	0	0	0
10/20/2023 20:24	56801 BENV_T1	21	25	4	0.37	0.36	-0.01	-0.18	-0.21	0	0	0	0	0	0
10/20/2023 20:24	59101 WALK_T2	1	1	0	0	0	0	1.3	1.32	0	0	0	0	0	0
10/20/2023 20:25	40901 JESH_T1	135	166	31	0.4	0.46	0.06	0	0	0	0	0	0	0	0
10/20/2023 20:25	58402 MORO_T1	0	0	0	0	0	0	-1.12	-1.18	2	2	0	1500	1500	0
10/20/2023 20:25	59003 MIFF_T1	0	0	0	0	0	0	0.28	0.3	0	0	0	0	0	0
10/20/2023 20:25	56801 BENV_T1	21	25	4	0.37	0.36	-0.01	-0.72	-0.84	0	0	0	0	0	0
10/20/2023 20:26	59003 MIFF_T1	0	0	0	0	0	0	0.56	0.6	0	0	0	0	0	0
10/20/2023 20:26	15103 UPHA_T2	0	0	0	0	0	0	0.37	0.38	0	0	0	0	0	0
10/20/2023 20:26	56801 BENV_T1	21	25	4	0.37	0.36	-0.01	-0.18	-0.21	0	0	0	0	0	0
10/20/2023 20:28	59302 MCAL_T1	1	5	4	1.3	0.36	-0.94	0	0	0	0	0	0	0	0
10/20/2023 20:28	59101 WALK_T2	1	1	0	0	0	0	1.32	1.38	0	0	0	0	0	0
10/20/2023 20:28	54701 NEBL_T1	2	3	1	0.45	0.43	-0.02	0	0	1	1	0	600	600	0
10/20/2023 20:29	56801 BENV_T1	21	25	4	0.37	0.36	-0.01	-0.42	-0.38	0	0	0	0	0	0
10/20/2023 20:29	43402 BENT_T1	0	0	0	0	0	0	-0.95	-0.97	1	1	0	900	900	0
10/20/2023 20:30	46503 LOHA_T1	0	0	0	0	0	0	-0.63	-0.62	0	0	0	0	0	0
10/20/2023 20:30	58402 MORO_T1	0	0	0	0	0	0	-1.18	-1.17	2	2	0	1500	1500	0
10/20/2023 20:30	59101 WALK_T2	1	1	0	0	0	0	1.32	1.38	0	0	0	0	0	0
10/20/2023 20:30	56801 BENV_T1	24	31	7	0.31	0.51	0.2	-0.42	-0.38	0	0	0	0	0	0
10/20/2023 20:51	14801 TREI_T2	30	38	8	0.13	0.15	0.02	0.26	0.25	0	0	0	0	0	0
10/20/2023 21:11	43402 BENT_T1	0	0	0	0	0	0	-0.97	-0.97	1	1	0	900	900	0
10/20/2023 21:29	43402 BENT_T1	0	0	0	0	0	0	-0.98	-0.98	1	1	0	900	900	0
10/20/2023 21:54	54502 ENOL_T2	7	23	16	0.23	0.15	-0.08	0	0	0	0	0	0	0	0
10/20/2023 22:03	13105 NHAM_T2	0	0	0	0	0	0	-0.3	-0.3	1	1	0	1200	1200	0
10/20/2023 22:11	43402 BENT_T1	0	1	1	0	0.1	0.1	-0.98	-0.98	1	1	0	900	900	0
10/20/2023 22:29	43402 BENT_T1	0	3	3	0	0.17	0.17	-0.97	-0.97	1	1	0	900	900	0
10/20/2023 22:51	43402 BENT_T1	3	4	1	0.17	0.35	0.18	-0.97	-0.97	1	1	0	900	900	0
10/21/2023 0:28	64802 MONE_T2	0	6	6	0	0.1	0.1	-0.01	-0.01	0	0	0	0	0	0
10/21/2023 0:28	54501 ENOL_T2	0	0	0	0	0	0	0.04	0.05	0	0	0	0	0	0
10/21/2023 0:28	28604 BLYT_T2	0	0	0	0	0	0	-1.48	-1.46	0	0	0	0	0	0
10/21/2023 0:28	20403 ASHF_T2	0	0	0	0	0	0	-0.04	-0.07	0	0	0	0	0	0
10/21/2023 0:28	42201 SHEN_T2	0	0	0	0	0	0	0.28	0.27	0	0	0	0	0	0
10/21/2023 0:28	52403 GRPA_T2	0	0	0	0	0	0	-0.24	-0.24	0	0	0	0	0	0
10/21/2023 0:28	62604 ENGL_T1	0	0	0	0	0	0	-1.68	-1.73	1	1	0	600	600	0
10/21/2023 0:28	10801 CHHI_T1	0	0	0	0	0	0	-1.07	-1.08	1	1	0	900	900	0
10/21/2023 0:28	66505 SMAN_T2	0	0	0	0	0	0	-0.24	-0.24	1	1	0	900	900	0
10/21/2023 0:28	61303 EARL_T1	0	0	0	0	0	0	-0.18	-0.23	0	0	0	0	0	0
10/21/2023 0:28	52402 GRPA_T2	1	1	0	2.6	3	0.4	0	0	0	0	0	0	0	0
10/21/2023 0:28	60803 BUCK_T1	50	74	24	0.22	0.28	0.06	0	0	0	0	0	0	0	0
10/21/2023 0:28	54501 ENOL_T2	0	0	0	0	0	0	0.04	0.05	0	0	0	0	0	0
10/21/2023 0:28	29402 BELT_T1	1	1	0	8.3	8.4	0.1	0	0	0	0	0	0	0	0
10/21/2023 0:28	46801 HEPB_T2	2	2	0	0.2	0.45	0.25	0.44	0.44	0	0	0	0	0	0
10/21/2023 0:28	56501 ROCK_T2	11	12	1	0.52	0.63	0.11	-0.51	-0.52	0	0	0	0	0	0
10/21/2023 0:28	56501 ROCK_T2	11	12	1	0.52	0.63	0.11	-0.51	-0.52	0	0	0	0	0	0
10/21/2023 0:28	44802 EDAN_T2	0	0	0	0	0	0	-1.45	-1.45	0	0	0	0	0	0
10/21/2023 0:28	53903 HALI_T2	2	2	0	1	1	0	-0.41	-0.41	0	0	0	0	0	0
10/21/2023 0:28	56802 BENV_T2	1	1	0	0.7	0.8	0.1	-6	-6.04	0	0	0	0	0	0
10/21/2023 0:28	59101 WALK_T2	1	1	0	0	0	0	2.36	2.14	0	0	0	0	0	0
10/21/2023 0:28	45902 AUBU_T1	0	0	0	0	0	0	-0.42	-0.46	0	0	0	0	0	0
10/21/2023 0:28	56603 HAMP_T1	47	68	21	0.13	0.24	0.11	0	0	0	0	0	0	0	0
10/21/2023 0:28	43301 WATS_T2	1	2	1	0.5	0.6	0.1	0	0	0	0	0	0	0	0
10/21/2023 0:28	65602 QVIL_T2	0	1	1	0	0.1	0.1	0	0	0	0	0	0	0	0
10/21/2023 0:28	56801 BENV_T1	27	29	2	0.72	0.71	-0.01	-1.84	-1.88	2	2	0	1200	1200	0
10/21/2023 0:28	45901 AUBU_T1	0	0	0	0	0	0	0.99	0.97	0	0	0	0	0	0
10/21/2023 0:28	51604 DUKE_T2	0	0	0	0	0	0	-1.81	-1.82	1	1	0	900	900	0
10/21/2023 0:28	54202 PENN_T2	0	0	0	0	0	0	0.44	0.46	0	0	0	0	0	0
10/21/2023 0:28	67502 WEWI_T2	0	0	0	0	0	0	-1.67	-1.67	1	1	0	900	900	0
10/21/2023 0:28	13503 MCMI_T2	0	0	0	0	0	0	-0.04	-0.04	0	0	0	0	0	0
10/21/2023 0:28	42903 MIDD_T2	2	2	0	0.4	0.5	0.1	-0.14	-0.14	0	0	0	0	0	0
10/21/2023 0:28	46803 HEPB_T2	0	0	0	0	0	0	0.4	0.37	0	0	0	0	0	0
10/21/2023 0:28	41901 REED_T1	0	0	0	0	0	0	-2.18	-2.17	1	1	0	900	900	0
10/21/2023 0:28	61801 EELI_T2	2	2	0	0.65	0.9	0.25	-0.44	-0.45	0	0	0	0	0	0
10/21/2023 0:28	17805 GILB_T2	0	0	0	0	0	0	-0.08	-0.1	0	0	0	0	0	0
10/21/2023 0:28	13704 SCHN_T2	0	0	0	0	0	0	-1.44	-1.5	0	0	0	0	0	0
10/21/2023 0:28	64101 REFR_T1	0	0	0	0	0	0	-0.01	-0.01	0	0	0	0	0	0
10/21/2023 0:28	43201 MVIL_T2	0	0	0	0	0	0	-0.43	-0.42	0	0	0	0	0	0
10/21/2023 0:28	54701 NEBL_T1	0	0	0	0	0	0	0	0	1	1	0	600	600	0
10/21/2023 0:28	10602 BLGL_T2	0	0	0	0	0	0	0.3	0.28	0	0	0	0	0	0
10/21/2023 0:28	64301 LINC_T1	0	0	0	0	0	0	0.04	0.04	0	0	0	0	0	0
10/21/2023 0:28	27502 WEIS_T2	0	0	0	0	0	0	-0.31	-0.31	0	0	0	0	0	0
10/21/2023 0:28	40101 HUNT_T2	0	1	1	0	0.1	0.1	-0.85	-0.84	0	0	0	0	0	0
10/21/2023 0:28	15001 BLMO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/21/2023 0:45	54502 ENOL_T2	1	1	0	0.1	0.2	0.1	-1.43	-1.42	0	0	0	0	0	0
10/21/2023 0:55	65001 NEFF_T2	66	139	73	0.12	0.14	0.02	-1.37	-1.38	1	1	0	1200	1200	0
10/21/2023 1:05	65001 NEFF_T2	139	131	-8	0.14	0.13	-0.01	-1.38	-1.34	1	1	0	1200	1200	0
10/21/2023 1:20	65001 NEFF_T2	4	228	224	0.15	0.23	0.08	-1.34	-1.36	1	1	0	1200	1200	0
10/21/2023 1:59	65001 NEFF_T2	228	229	1	0.23	0.23	0	-1.32	-1.38	1	1	0	1200	1200	0
10/21/2023 2:09	65001 NEFF_T2	201	238	37	0.17	0.34	0.17	-1.32	-1.38	1	1	0	1200	1200	0
10/21/2023 2:44	65001 NEFF_T2	238	245	7	0.34	0.38	0.04	-1.43	-1.45	1	1	0	1200	1200	0
10/21/2023 2:49	65003 NEFF_T2	4	0	-4	0.1	0	-0.1	0	0	0	0	0	0	0	0
10/21/2023 3:00	65001 NEFF_T2	233	19	-214	0.27	0.14	-0.13	-1.45	-1.46	1	1	0	1200	1200	0
10/21/2023 3:35	65001 NEFF_T2	8	24	16	0.14	0.12	-0.02	-1.41	-1.48	1	1	0	1200	1200	0
10/21/2023 5:38	65001 NEFF_T2	0	0	0	0	0	0	-1.26	-1.29	1	1	0	1200	1200	0
10/21/2023 6:24	45802 HEGI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/21/2023 6:24	45902 AUBU_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/21/2023 6:24	42401 GIMA_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/21/2023 6:24	20401 ASHF_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/21/2023 6:24	40602 PIGR_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/21/2023 6:25	20401 ASHF_T2	0	0	0	0	0

10/21/2023 7:23	28604 BLYT_T2	0	0	0	0	0	0	-2.94	-2.9	0	0	0	0	0	0
10/21/2023 7:23	34801 TREI_T2	0	0	0	0	0	0	0.22	0.21	0	0	0	0	0	0
10/21/2023 7:23	54501 ENOL_T2	0	0	0	0	0	0	-1.77	-1.77	3	3	0	1800	1800	0
10/21/2023 7:23	42002 MNVL_T2	1	1	0	3.9	3.8	-0.1	0	0	1	0	0	0	0	0
10/21/2023 7:23	53903 HALI_T2	2	2	0	0.6	0.7	0.1	-0.2	-0.34	0	0	0	0	0	0
10/21/2023 7:23	46506 LOHA_T1	1	1	0	0.3	0.4	0.1	0	0	0	0	0	0	0	0
10/21/2023 7:23	28403 HART_T2	0	0	0	0	0	0	-1.44	-1.46	2	2	0	1800	1800	0
10/21/2023 7:23	20603 GRWO_T2	0	0	0	0	0	0	0.28	0.29	0	0	0	0	0	0
10/21/2023 7:23	40101 HUNT_T2	0	0	0	0	0	0	-1.66	-1.6	0	0	0	0	0	0
10/21/2023 7:23	54701 NEBL_T1	0	0	0	0	0	0	0	0	1	1	0	600	600	0
10/21/2023 7:23	56802 BENV_T2	1	54	53	0.7	0.15	-0.55	-20.86	-20.44	0	0	0	0	0	0
10/21/2023 7:23	52403 GRPA_T2	0	2	2	0	0.1	0.1	-0.65	-0.62	0	0	0	0	0	0
10/21/2023 7:23	67402 WAKE_T2	0	0	0	0	0	0	0.26	0.24	0	0	0	0	0	0
10/21/2023 7:23	61802 EELI_T2	0	0	0	0	0	0	-0.46	-0.45	0	0	0	0	0	0
10/21/2023 7:23	43402 BENT_T1	0	0	0	0	0	0	-0.97	-0.97	1	1	0	900	900	0
10/21/2023 7:23	49804 UNIV_T1	0	1	1	0	0	0	0	0	0	0	0	0	0	0
10/21/2023 7:23	67502 WEWI_T2	0	0	0	0	0	0	-3.3	-3.14	0	0	0	0	0	0
10/21/2023 7:23	58402 MORO_T1	0	0	0	0	0	0	-4.05	-4.32	6	6	0	4500	4500	0
10/21/2023 7:23	56603 HAMP_T1	0	12	12	0	0.1	0.1	0	0	0	0	0	0	0	0
10/21/2023 7:23	64801 MONE_T2	1	1	0	0.2	0.3	0.1	0	0	0	0	0	0	0	0
10/21/2023 7:23	13503 MCMI_T2	0	0	0	0	0	0	-0.01	-0.01	0	0	0	0	0	0
10/21/2023 7:23	65604 QVIL_T2	0	0	0	0	0	0	0.56	0.58	0	0	0	0	0	0
10/21/2023 7:23	42902 MIDD_T2	0	0	0	0	0	0	-1.24	-1.22	0	0	0	0	0	0
10/21/2023 7:23	46801 HEPB_T2	2	2	0	0.45	0.5	0.05	1	0.98	0	0	0	0	0	0
10/21/2023 7:23	45802 HEGI_T2	0	0	0	0	0	0	0.84	0.68	0	0	0	0	0	0
10/21/2023 7:23	44502 HAMI_T2	1	1	0	3	2.9	-0.1	-0.89	-0.92	0	0	0	0	0	0
10/21/2023 7:23	64101 REFR_T1	0	0	0	0	0	0	-0.03	-0.03	0	0	0	0	0	0
10/21/2023 7:23	67605 WARW_T1	6	3	-3	0.22	0.27	0.05	-1.2	-1.17	0	0	0	0	0	0
10/21/2023 7:23	45003 LIME_2	1	1	0	3.8	3.6	-0.2	0	0	0	0	0	0	0	0
10/21/2023 7:23	44601 SALE_T2	1	1	0	0.2	0.3	0.1	-0.24	-0.26	0	0	0	0	0	0
10/21/2023 7:23	46001 BERW_T1	0	0	0	0	0	0	0.9	0.96	0	0	0	0	0	0
10/21/2023 7:23	60803 BUCK_T1	19	12	-7	0.29	0.29	0	-2	-1.96	2	2	0	1200	1200	0
10/21/2023 7:23	20403 ASHF_T2	0	0	0	0	0	0	0.4	0.44	0	0	0	0	0	0
10/21/2023 7:23	67502 WEWI_T2	0	0	0	0	0	0	-3.3	-3.14	0	0	0	0	0	0
10/21/2023 7:23	42201 SHEN_T2	0	0	0	0	0	0	0.31	0.28	0	0	0	0	0	0
10/21/2023 7:23	59101 WALK_T2	1	1	0	0	0	0	4.49	4.12	0	0	0	0	0	0
10/21/2023 7:23	66505 SMAN_T2	0	0	0	0	0	0	0.14	-0.12	4	4	0	2200	2200	0
10/21/2023 7:23	45702 LIND_T2	1	1	0	0.5	0.5	0	-0.4	-0.43	0	0	0	0	0	0
10/21/2023 7:23	66703 STRA_T1	6	10	4	0.35	0.25	-0.1	-0.25	-0.22	0	0	0	0	0	0
10/21/2023 7:23	42802 SELI_T1	0	0	0	0	0	0	-2.76	-2.58	0	0	0	0	0	0
10/21/2023 7:23	51604 DUKE_T2	0	9	9	0	0.14	0.14	-3.6	-3.6	2	2	0	1800	1800	0
10/21/2023 7:23	46203 DANV_T2	0	0	0	0	0	0	-0.46	-0.44	0	0	0	0	0	0
10/21/2023 7:23	67204 TEHI_T2	0	0	0	0	0	0	-0.54	-0.56	0	0	0	0	0	0
10/21/2023 7:23	46301 ROHR_T1	0	0	0	0	0	0	0.13	0.13	0	0	0	0	0	0
10/21/2023 7:23	56801 BENV_T1	18	32	14	0.5	0.75	0.25	-14.96	-14.79	17	17	0	10200	10200	0
10/21/2023 7:23	45902 AUBU_T1	0	0	0	0	0	0	-1.52	-1.48	2	2	0	1200	1200	0
10/21/2023 7:24	65601 QVIL_T2	15	8	-7	0.11	0.11	0	0	0	0	0	0	0	0	0
10/21/2023 7:24	52402 GRPA_T2	1	4	3	2.5	0.98	-1.52	0	0	0	0	0	0	0	0
10/21/2023 7:24	43402 BENT_T1	0	0	0	0	0	0	-0.97	-0.97	1	1	0	900	900	0
10/21/2023 7:24	54503 ENOL_T2	0	0	0	0	0	0	-2	-1.96	4	4	0	2400	2400	0
10/21/2023 7:24	54202 PENN_T2	0	0	0	0	0	0	0.48	0.49	0	0	0	0	0	0
10/21/2023 7:24	54504 ENOL_T2	0	0	0	0	0	0	-2.45	-2.44	1	1	0	600	600	0
10/21/2023 7:24	43201 MVIL_T2	0	0	0	0	0	0	-0.43	-0.42	0	0	0	0	0	0
10/21/2023 7:24	44502 HAMI_T2	1	1	0	3	2.9	-0.1	-0.89	-0.92	0	0	0	0	0	0
10/21/2023 7:24	26603 BROO_T1	0	0	0	0	0	0	0.32	0.31	0	0	0	0	0	0
10/21/2023 7:24	13503 MCMI_T2	0	0	0	0	0	0	-0.01	-0.01	0	0	0	0	0	0
10/21/2023 7:24	29401 BELT_T1	0	0	0	0	0	0	0	0	2	2	0	1800	1800	0
10/21/2023 7:24	40101 HUNT_T2	0	0	0	0	0	0	-1.66	-1.6	0	0	0	0	0	0
10/21/2023 7:24	54505 ENOL_T2	1	1	0	0.3	0.6	0.3	0	0	0	0	0	0	0	0
10/21/2023 7:24	42902 MIDD_T2	0	0	0	0	0	0	-1.24	-1.22	0	0	0	0	0	0
10/21/2023 7:24	17805 GILB_T2	0	0	0	0	0	0	0.16	0.14	0	0	0	0	0	0
10/21/2023 7:24	17802 GILB_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/21/2023 7:24	56501 ROCK_T2	4	1	-3	0.18	0.2	0.02	-1	-0.94	0	0	0	0	0	0
10/21/2023 7:24	56504 ROCK_T2	0	0	0	0	0	0	-0.75	-0.77	0	0	0	0	0	0
10/21/2023 7:24	46801 HEPB_T2	2	2	0	0.45	0.5	0.05	1	0.98	0	0	0	0	0	0
10/21/2023 7:24	46001 BERW_T1	0	0	0	0	0	0	0.9	0.96	0	0	0	0	0	0
10/21/2023 7:24	44802 EDAN_T2	0	0	0	0	0	0	-8.13	-8.19	3	3	0	3600	3600	0
10/21/2023 7:24	61801 EELI_T2	2	2	0	1.3	1.6	0.3	-2.73	-2.76	3	3	0	1800	1800	0
10/21/2023 7:24	28604 BLYT_T2	0	0	0	0	0	0	-2.94	-2.9	0	0	0	0	0	0
10/21/2023 7:24	66504 SMAN_T2	0	0	0	0	0	0	-0.65	-0.74	0	0	0	0	0	0
10/21/2023 7:24	43201 MVIL_T2	0	0	0	0	0	0	-0.43	-0.42	0	0	0	0	0	0
10/21/2023 7:24	66703 STRA_T1	6	10	4	0.35	0.25	-0.1	-0.25	-0.22	0	0	0	0	0	0
10/21/2023 7:24	26401 INOR_T1	0	0	0	0	0	0	0.09	0.1	0	0	0	0	0	0
10/21/2023 7:24	34801 TREI_T2	0	0	0	0	0	0	0.22	0.21	0	0	0	0	0	0
10/21/2023 7:24	64802 MONE_T2	46	23	-23	0.18	0.1	-0.08	-0.01	-0.01	0	0	0	0	0	0
10/21/2023 7:24	65001 NEFF_T2	0	0	0	0	0	0	-1.09	-1.12	1	1	0	1200	1200	0
10/21/2023 7:24	59202 THOM_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/21/2023 7:24	62604 ENGI_T1	0	0	0	0	0	0	-8.85	-8.67	5	5	0	3000	3000	0
10/21/2023 7:24	54503 ENOL_T2	0	0	0	0	0	0	-2	-1.96	4	4	0	2400	2400	0
10/21/2023 7:24	67503 WEWI_T2	0	0	0	0	0	0	-0.63	-0.61	0	0	0	0	0	0
10/21/2023 7:24	53903 HALI_T2	2	2	0	0.6	0.7	0.1	-0.2	-0.34	0	0	0	0	0	0
10/21/2023 7:24	28403 HART_T2	0	0	0	0	0	0	-1.44	-1.46	2	2	0	1800	1800	0
10/21/2023 7:24	43304 WATS_T2	0	0	0	0	0	0	0.69	0.65	0	0	0	0	0	0
10/21/2023 7:24	58402 MORO_T1	0	0	0	0	0	0	-4.05	-4.32	6	6	0	4500	4500	0
10/21/2023 7:24	29402 BELT_T1	1	1	0	7.6	8.2	0.6	0	0	0	0	0	0	0	0
10/21/2023 7:24	47403 PENS_T1	1	1	0	2.6	2.6	0	0	0	0	0	0	0	0	0
10/21/2023 7:24	15603 NSTR_T2	4	2	-2	0.13	0.1	-0.03	-0.66	-0.65	0	0	0	0	0	0
10/21/2023 7:24	44901 SCOT_T2	0	0	0	0	0	0	-0.59	-0.56	0	0	0	0	0	0
10/21/2023 7:24	46302 ROHR_T1	4	4	0	1.63	1.58	-0.05	0	0	0	0	0	0	0	0
10/21/2023 7:24	49804 UNIV_T1	0	1	1	0	0	0	0	0	0	0	0	0	0	0
10/21/2023 7:24	61801 EELI_T2	2	2	0	1.3	1.6	0.3	-2.73	-2.76	3	3	0	1800	1800	0
10/21/2023 7:24	66505 SMAN_T2	0	0	0	0	0	0	0.14	-0.12	4	4	0	2200	2200	0
10/21/2023 7:24	51604 DUKE_T2	0	9	9	0	0.14	0.14	-3.6	-3.6	2	2	0	1800	1800	0
10/21/2023 7:24	59301 MCAL_T1	78	74	-4	0.59	0.42	-0.17	0	0	0	0	0	0	0	0
10/21/2023 7:24	46506 LOHA_T1	1	1	0	0.3	0.4	0.1	0	0	0	0	0	0	0	0
10/21/2023 7:24	13704 SCHN_T2	6	6	0	0.23	0.28	0.05	-1.35	-1.35	0	0	0	0	0	0
10/21/2023 7:24	46801 HEPB_T2	2	2	0	0.45	0.5	0.05	1	0.98	0	0	0	0	0	0
10/21/2023 7:24	25801 SUTR_T2	0	0	0	0	0	0	-0.17	-0.16	0	0	0	0	0	0
10/21/2023 7:24	45802 HEGI_T2	0	0	0	0	0	0	0.84	0.68	0	0	0	0	0	0
10/21/2023 7:24	67502 WEWI_T2	0	0	0	0	0	0	-3.3	-3.14	0	0	0	0	0	0
10/21/2023 7:24	17805 GILB_T2	0	0	0	0	0	0	0.16	0.14	0	0	0	0	0	0
10/21/2023 7:24	45702 LIND_T2	1	1	0	0.5	0.5	0	-0.4	-0.43	0	0	0	0	0	0
10/21/2023 7:24	60803 BUCK_T1	19	12	-7	0.29	0.29	0	-2	-1.96	2	2	0	1200	1200	0
10/21/2023 7:24	67402 WAKE_T2	0	0	0	0	0	0	0.26	0.24	0	0	0	0	0	0
10/21/2023 7:24	41802 GOCI_T2	0	1	1	0	0	0	0	0	0	0	0	0	0	0
10/21/2023 7:24	15103 UPHA_T2	0	0	0	0	0	0	0.26	0.25	0	0	0	0	0	0
10/21/2023 7:24	52403 GRPA_T2	0	2	2	0	0.1	0.1	-0.65	-0.62	0	0	0	0	0	0
10/21/2023 7:24	59101 WALK_T2	1	1	0	0	0	0	4.49	4.12	0	0	0	0	0	0
10/21/2023 7:24	56801 BENV_T1	18	32	14	0.5	0.75	0.25	-14.96	-14.79	17	17	0	10200	10200	0
10/21/2023 7:24	20603 GRWO_T2	0	0	0	0	0	0	0.28	0.29	0	0	0	0	0	0
10/21/2023 7:24	64101 REFR_T1	0	0	0	0	0	0	-0.03	-0.03	0	0	0	0	0	0
10/21/2023 7:24	56802 BENV_T2	1	54	53	0.7	0.15	-0.55	-20.86	-20.44	0	0	0	0	0	0
10/21/2023 7:24	61303 EARL_T1	0	0	0	0	0	0	-0.02	-0.02	0	0	0	0	0	0
10/21/2023 7:24	42201 SHEN_T2	0	0	0	0	0	0	0.31	0.28	0	0	0	0	0	0
10/21/2023 7:24	42001 MNVL_T2	0	0	0	0	0	0	-0.06	-0.06	0	0	0	0	0	0
10/21/2023 7:24	46203 DANV_T2	0	0	0	0	0	0	-0.46	-0.44	0	0	0	0	0	0
10/21/2023 7:24	54701 NEBL_T1	0	0	0	0	0	0	0	0	1	1	0	600	600	0
10/21/2023 7:24	43301 WATS_T2	0	0	0	0	0	0	0.28	0.31	0	0	0	0	0	0
10/21/2023 7:24	20403 ASHF_T2	0	0	0	0	0	0	0.4	0.44	0	0	0	0	0	0
10/21/2023 7:24	67204 TEHI_T2	0	0	0	0	0	0	-0.54	-0.56	0	0	0	0	0	0
10/21/2023 7:24	60803 BUCK_T1	19	12	-7	0.29	0.29	0	-2	-1.96	2	2	0	1200	1200	0
10/21/2023 7:24	42802 SELI_T1	0	0	0	0	0	0	-2.76	-2.58	0	0	0	0	0	0
10/21/2023 7:24	45003 LIME_2	1	1	0	3.8	3.6	-0.2	0	0	0	0	0	0	0	0
10/21/2023 7:24	56603 HAMP_T1	0	12	12	0	0.1	0.1	0	0	0	0	0	0	0	0
10/21/2023 7:24	44601 SALE_T2	1	1	0	0.2	0.3	0.1	-0.24	-0.26	0	0	0	0	0	0
10/21/2023 7:24	45902 AUBU_T1	0	0	0	0	0	0	-1.52	-1.48	2	2	0	1200	1200	0
10/21/2023 7:24	53601 DALM_T2	1	1	0	0.6	0.4	-0.2	-0.08	-0.11	0	0	0	0	0	0
10/21/2023 7:24	67203 TEHI_T1	0	0	0	0	0	0	2.14	2.18	2	2	0	1500	1500	0
10/21/2023 7:24	47802 MOCA_T2	0	0	0	0	0	0	-1.13	-1.14	0	0	0	0	0	0
10/21/2023 7:24	41901 REED_T1	3	4	1	0.27	0.25	-0.02	-2.17	-2.17	1	1	0	900	900	0
10/21/2023 7:30	67605 WARW_T1	3	2	-1	0.23	0.3	0.07	-1.17	-1.19	0	0	0	0	0	0
10/21/2023 8:01	54502 ENOL_T2	1	1	0	0.3	0.1	-0.2	-1.43	-1.43	0	0	0	0	0	0
10/21/2023 9:02	42401 GIMA_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/21/2023 10:00	52402 GRPA_T2	4	4	0	0.8	1.1	0.3	0	0	0	0	0	0	0	0
10/21/2023 10:00	54505 ENOL_T2	1	1	0	1	0.9	-0.1	0	0	0	0	0	0	0	0
10/21/2023 10:00	54206 PENN_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/21/2023 10:00	15001 BLMO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/21/2023 10:00	26401 INOR_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/21/2023 10:00	64801 MONE_T2	0	0	0	0	0	0	-0.01	-0.01	0	0	0	0	0	0
10/21/2023 10:00	52503 PROG_T2	0	0	0	0	0	0	-0.74	-0.73	1	1	0	900	900	0
10/21/2023 10:00	12604 MACA_T1	0	0	0	0	0	0	0.26	0.24	0	0	0	0	0	0
10/21/2023 10:00	20401 ASHF_T2	0	0	0	0	0	0	-0.39	-0.42	1	1	0	600	600	0
10/21/2023 10:00	67604 WARW_T1	0	0	0	0	0	0	0.58	0.53	0	0	0	0	0	0
10/21/2023 10:00	56603 HAMP_T1	52	4	-48	0.13	0.1	-0.03	0	0	0	0	0	0	0	0
10/21/2023 10:01	43301 WATS_T2	1	1	0	0.1	0.2	0.1	0	0	0	0	0	0	0	0
10/21/2023 10:01	46506 LOHA_T1	1	0	-1	0.1	0	-0.1	0	0	0	0	0	0	0	0
10/21/2023 10:24	66701 STRA_T1	1	0	-1	0.3	0	-0.3	0	0	0	0	0	0	0	0
10/21/2023 10:29	43402 BENT_T1	0	2	2	0	0.35	0.35	-0.95	-0.97	1	1	0	900	900	0
10/21/2023 11:10	26401 INOR_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/21/2023 12:13	26401 INOR_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/21/2023 12:25	54201 PENN_T1	9	9	0	1	1.07	0.07	-1.04	-0.99	0	0	0	0	0	0
10/21/2023 12:28	54203 PENN_T1	18	18	0	0.93	0.92	-0.01	0	0	0	0	0	0	0	0
10/21/2023 12:56	10903 COOP_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/21/2023 13:27	26401 INOR_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/21/2023 13:43	26401 INOR_T1	0	1	1	0	0.1	0.1	0	0	0	0	0	0	0	0
10/21/2023 13:53	10903 COOP_T2	0	13	13	0	0.12	0.12	-0.42	-0.46	1	1	0	600	600	0
10/21/2023 14:09	10903 COOP_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/21/2023 14:10	10903 COOP_T2	0	13	13	0	0.12	0.12	-0.46	-0.43	1	1	0	600	600	0
10/21/2023 14:51	10903 COOP_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/21/2023 15:08	10903 COOP_T2	33	82	49	0.15	0.2	0.05	-0.45	-0.44	1	1	0	600	600	0
10/21/2023 15:13	13606 RICH_T2	0	0	0	0	0	0	0.53	0.52	0	0	0	0	0	0
10/21/2023 15:20	44901 SCOT_T2	0	0	0	0	0	0	-0.47	-0.45	0	0	0	0	0	0
10/21/2023 15:21	44901 SCOT_T2	0	0	0	0	0	0	-0.47	-0.45	0	0	0	0	0	0
10/21/2023 15:57	59101 WALK_T2	1	1	0	0	0	0	-0.52	0	0	0	0	0	0	0
10/21/2023 17:34	59101 WALK_T2	1	1	0	0	0	0	0	0	0	0	0	0	0	0
10/21/2023 19:04	59101 WALK_T2	2	1	-1	0.2	0	-0.2	0	0	1	0	-1	450	0	-450
10/21/2023 19:09	26401 INOR_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/21/2023 19:14	10903 COOP_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/21/2023 19:21	44901 SCOT_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/21/2023 20:03	59101 WALK_T2	94	1	-93	1.36	0	-1.36	0	0	0	0	0	0	0	0
10/21/2023 20:14	44901 SCOT_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/21/2023 20:23	66703 STRA_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/21/2023 20:24	10903 COOP_T2	4	17	13	0.1	0.15	0.05	0	0	1	1	0	600	600	0
10/22/2023 0:28	13606 RICH_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/22/2023 7:34	54701 NEBL_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/22/2023 7:49	54701 NEBL_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/22/2023 8:06	29401 BELT_T1	8	25	17	0.13	0.14	0.01	0	0	0	0	0	0	0	0
10/22/2023 8:12	46801 HEPB_T2	2	2	0	0.3	0.5	0.2	0	0	0	0	0	0	0	0
10/22/2023 8:22	59101 WALK_T2	1	1	0	0	0	0	0	0	0	0	0	0	0	0
10/22/2023 8:27	45902 AUBU_T1	0	0	0	0	0	0	0	0	0

10/22/2023 9:51	59101 WALK_T2	1	1	0	0	0	0	0	0	0	0	0	0	0	0
10/22/2023 9:51	41901 REED_T1	2	3	1	0.25	0.17	-0.08	0	0	1	1	0	900	900	0
10/22/2023 9:52	46002 BERW_T2	0	1	1	0	0	0	0	0	0	0	0	0	0	0
10/22/2023 9:52	66703 STRA_T1	0	6	6	0	0.2	0.2	0	0	0	0	0	0	0	0
10/22/2023 9:52	59101 WALK_T2	1	1	0	0	0	0	0	0	0	0	0	0	0	0
10/22/2023 9:52	56802 BENV_T2	1	1	0	0.7	0.7	0	0	0	0	0	0	0	0	0
10/22/2023 9:53	45902 AUBU_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/22/2023 9:54	62604 ENGL_T1	0	0	0	0	0	0	0	0	1	1	0	600	600	0
10/22/2023 9:56	45902 AUBU_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/22/2023 9:56	56802 BENV_T2	1	1	0	0.7	0.7	0	0	0	0	0	0	0	0	0
10/22/2023 9:56	20403 ASHF_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/22/2023 9:57	62604 ENGL_T1	0	0	0	0	0	0	0	0	1	1	0	600	600	0
10/22/2023 9:58	10801 CHHI_T1	0	1	1	0	0	0	0	0	1	1	0	900	900	0
10/22/2023 9:58	62604 ENGL_T1	0	0	0	0	0	0	0	0	1	1	0	600	600	0
10/22/2023 9:59	62604 ENGL_T1	0	0	0	0	0	0	0	0	1	1	0	600	600	0
10/22/2023 10:00	26401 INOR_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/22/2023 10:00	67605 WARW_T1	2	3	1	0.1	0.3	0.2	0	0	0	0	0	0	0	0
10/22/2023 10:00	23301 JEFF_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/22/2023 10:00	52503 PROG_T2	0	1	1	0	0	0	0	0	1	1	0	900	900	0
10/22/2023 10:00	60801 BUCK_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/22/2023 10:00	64801 MONE_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/22/2023 10:00	46203 DANV_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/22/2023 10:00	56601 HAMP_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/22/2023 10:00	64503 LAVI_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/22/2023 10:00	52403 GRPA_T2	1	4	3	1.3	0.25	-1.05	0	0	0	0	0	0	0	0
10/22/2023 10:00	41902 REED_T1	0	1	1	0	0	0	0	0	0	0	0	0	0	0
10/22/2023 10:00	45902 AUBU_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/22/2023 10:00	54701 NEBL_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/22/2023 10:00	67401 WAKE_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/22/2023 10:00	43301 WATS_T2	0	1	1	0	0.1	0.1	0	0	0	0	0	0	0	0
10/22/2023 10:00	12604 MACA_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/22/2023 10:00	40602 PIGR_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/22/2023 10:00	20401 ASHF_T2	0	0	0	0	0	0	0	0	1	1	0	600	600	0
10/22/2023 10:00	46003 BERW_T2	1	1	0	1.1	0.8	-0.3	0	0	0	0	0	0	0	0
10/22/2023 10:00	56802 BENV_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/22/2023 10:00	22901 HARW_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/22/2023 10:00	64101 REFR_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/22/2023 10:02	46301 ROHR_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/22/2023 10:02	52501 PROG_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/22/2023 10:06	20403 ASHF_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/22/2023 10:07	56801 BENV_T1	8	15	7	0.96	0.77	-0.19	0	0	3	3	0	1800	1800	0
10/22/2023 10:07	29402 BELT_T1	169	152	-17	0.77	0.83	0.06	0	0	0	0	0	0	0	0
10/22/2023 10:07	62604 ENGL_T1	0	0	0	0	0	0	0	0	1	1	0	600	600	0
10/22/2023 10:07	59101 WALK_T2	1	2	1	0	0	0	0	0	0	0	0	0	0	0
10/22/2023 10:08	10801 CHHI_T1	0	4	4	0	0.23	0.23	0	0	1	1	0	900	900	0
10/22/2023 10:08	45902 AUBU_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/22/2023 10:08	29402 BELT_T1	169	152	-17	0.77	0.83	0.06	0	0	0	0	0	0	0	0
10/22/2023 10:08	56802 BENV_T2	1	1	0	0.7	0.8	0.1	0	0	0	0	0	0	0	0
10/22/2023 10:08	56801 BENV_T1	8	15	7	0.96	0.77	-0.19	0	0	3	3	0	1800	1800	0
10/22/2023 10:09	62604 ENGL_T1	0	0	0	0	0	0	0	0	1	1	0	600	600	0
10/22/2023 10:09	56802 BENV_T2	1	1	0	0.7	0.8	0.1	0	0	0	0	0	0	0	0
10/22/2023 10:09	45902 AUBU_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/22/2023 10:10	43301 WATS_T2	0	1	1	0	0.1	0.1	0	0	0	0	0	0	0	0
10/22/2023 10:10	46203 DANV_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/22/2023 10:10	56801 BENV_T1	8	15	7	0.96	0.77	-0.19	0	0	1	1	0	600	600	0
10/22/2023 10:11	20403 ASHF_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/22/2023 10:11	46203 DANV_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/22/2023 10:11	60801 BUCK_T1	0	14	14	0	0.11	0.11	0	0	0	0	0	0	0	0
10/22/2023 10:12	17805 GILB_T2	1	2	1	0.2	0.5	0.3	0	0	0	0	0	0	0	0
10/22/2023 10:12	60801 BUCK_T1	0	14	14	0	0.11	0.11	0	0	0	0	0	0	0	0
10/22/2023 10:12	56802 BENV_T2	1	1	0	0.7	0.8	0.1	0	0	0	0	0	0	0	0
10/22/2023 10:12	46801 HEPB_T2	2	2	0	0.3	0.25	-0.05	0	0	0	0	0	0	0	0
10/22/2023 10:12	45902 AUBU_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/22/2023 10:13	62604 ENGL_T1	0	0	0	0	0	0	0	0	2	2	0	1200	1200	0
10/22/2023 10:13	53903 HAU_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/22/2023 10:14	17802 GILB_T1	1	3	2	0.4	0.5	0.1	0	0	0	0	0	0	0	0
10/22/2023 10:14	62604 ENGL_T1	0	0	0	0	0	0	0	0	1	1	0	600	600	0
10/22/2023 10:14	61303 EARL_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/22/2023 10:15	46801 HEPB_T2	2	2	0	0.25	0.35	0.1	0	0	0	0	0	0	0	0
10/22/2023 10:16	43202 MVIL_T2	1	1	0	0	0.2	0.2	0	0	0	0	0	0	0	0
10/22/2023 10:17	43201 MVIL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/22/2023 10:17	64101 REFR_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/22/2023 10:17	56501 ROCK_T2	1	3	2	0.2	0.3	0.1	0	0	0	0	0	0	0	0
10/22/2023 10:18	66505 SMAN_T2	0	0	0	0	0	0	0	0	2	2	0	1100	1100	0
10/22/2023 10:18	58402 MORO_T1	0	0	0	0	0	0	0	0	1	1	0	600	600	0
10/22/2023 10:18	43202 MVIL_T2	0	1	1	0	0.2	0.2	0	0	0	0	0	0	0	0
10/22/2023 10:19	58402 MORO_T1	0	0	0	0	0	0	0	0	1	1	0	600	600	0
10/22/2023 10:19	65001 NEFF_T2	0	0	0	0	0	0	0	0	1	1	0	1200	1200	0
10/22/2023 10:20	49803 UNIV_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/22/2023 10:20	64101 REFR_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/22/2023 10:21	59201 THOM_T1	0	1	1	0	0.4	0.4	0	0	1	1	0	1200	1200	0
10/22/2023 10:21	64101 REFR_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/22/2023 10:21	15001 BLMO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/22/2023 10:22	59102 WALK_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/22/2023 10:22	67502 WEWI_T2	1	3	2	0.6	0.4	-0.2	0	0	1	1	0	900	900	0
10/22/2023 10:23	28601 BLYT_T2	1	1	0	1	0.3	-0.7	0	0	0	0	0	0	0	0
10/22/2023 10:23	66703 STRA_T1	6	7	1	0.2	0.21	0.01	0	0	0	0	0	0	0	0
10/22/2023 10:23	66504 SMAN_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/22/2023 10:23	67502 WEWI_T2	1	3	2	0.6	0.4	-0.2	0	0	2	2	0	1800	1800	0
10/22/2023 10:24	42601 TUSC_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/22/2023 10:24	29402 BELT_T1	134	148	14	0.86	0.79	-0.07	0	0	0	0	0	0	0	0
10/22/2023 10:24	15001 BLMO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/22/2023 10:26	56802 BENV_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/22/2023 10:27	40101 HUNT_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/22/2023 10:27	15001 BLMO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/22/2023 10:30	28403 HART_T2	0	0	0	0	0	0	0	0	1	1	0	900	900	0
10/22/2023 10:31	42002 MNVL_T2	1	1	0	3.4	3.3	-0.1	0	0	0	0	0	0	0	0
10/22/2023 10:31	46801 HEPB_T2	2	2	0	0.15	0.35	0.2	0	0	0	0	0	0	0	0
10/22/2023 10:31	40101 HUNT_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/22/2023 10:32	54701 NEBL_T1	0	0	0	0	0	0	0	0	1	1	0	600	600	0
10/22/2023 10:32	65601 QVIL_T2	1	3	2	0.3	0.3	0	0	0	0	0	0	0	0	0
10/22/2023 10:33	65602 QVIL_T2	31	37	6	0.27	0.34	0.07	0	0	0	0	0	0	0	0
10/22/2023 10:38	28601 BLYT_T2	1	1	0	1.4	0.3	-1.1	0	0	0	0	0	0	0	0
10/22/2023 10:39	41602 CLEV_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/22/2023 10:40	10801 CHHI_T1	3	0	-3	0.23	0	-0.23	0	0	1	1	0	900	900	0
10/22/2023 10:41	42503 ALTA_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/22/2023 10:42	64503 LAVI_T1	0	0	0	0	0	0	0	0	1	1	0	1200	1200	0
10/22/2023 10:43	40101 HUNT_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/22/2023 10:44	64503 LAVI_T1	0	0	0	0	0	0	0	0	1	1	0	1200	1200	0
10/22/2023 10:44	52402 GRPA_T2	2	3	1	1.8	1.2	-0.6	0	0	0	0	0	0	0	0
10/22/2023 10:45	41801 GOCI_T2	0	2	2	0	0.2	0.2	0	0	0	0	0	0	0	0
10/22/2023 10:45	64503 LAVI_T1	0	0	0	0	0	0	0	0	1	1	0	1200	1200	0
10/22/2023 10:45	58402 MORO_T1	0	0	0	0	0	0	0	0	1	1	0	600	600	0
10/22/2023 10:47	52502 PROG_T2	0	0	0	0	0	0	0	0	1	1	0	900	900	0
10/22/2023 10:47	63601 LETO_T1	0	0	0	0	0	0	0	0	1	1	0	900	900	0
10/22/2023 10:47	13503 MCMI_T2	0	1	1	0	0	0	0	0	0	0	0	0	0	0
10/22/2023 10:48	52502 PROG_T2	0	0	0	0	0	0	0	0	1	1	0	900	900	0
10/22/2023 10:50	59101 WALK_T2	1	1	0	0	0	0	0	0	0	0	0	0	0	0
10/22/2023 10:50	41801 GOCI_T2	0	2	2	0	0.2	0.2	0	0	0	0	0	0	0	0
10/22/2023 10:52	60801 BUCK_T1	13	15	2	0.12	0.16	0.04	0	0	0	0	0	0	0	0
10/22/2023 10:53	29402 BELT_T1	101	113	12	0.65	0.77	0.12	0	0	0	0	0	0	0	0
10/22/2023 10:54	60803 BUCK_T1	10	11	1	0.16	0.17	0.01	0	0	1	1	0	600	600	0
10/22/2023 10:54	29401 BELT_T1	0	0	0	0	0	0	0	0	1	1	0	900	900	0
10/22/2023 10:55	15001 BLMO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/22/2023 10:55	61801 EEU_T2	2	2	0	1.2	1.35	0.15	0	0	1	1	0	600	600	0
10/22/2023 10:56	52403 GRPA_T2	4	5	1	0.4	0.38	-0.02	0	0	0	0	0	0	0	0
10/22/2023 10:56	51604 DUKE_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/22/2023 10:56	28403 HART_T2	0	0	0	0	0	0	0	0	1	1	0	900	900	0
10/22/2023 10:58	10805 CHHI_T2	1	1	0	7.7	7.6	-0.1	0	0	0	0	0	0	0	0
10/22/2023 10:58	45702 LIND_T2	0	1	1	0	0.2	0.2	0	0	0	0	0	0	0	0
10/22/2023 10:59	17804 GILB_T2	0	1	1	0	0.5	0.5	0	0	0	0	0	0	0	0
10/22/2023 11:00	45003 LIME_2	1	1	0	3.8	3.5	-0.3	0	0	0	0	0	0	0	0
10/22/2023 11:02	45001 LIME_2	0	2	2	0	0.2	0.2	0	0	0	0	0	0	0	0
10/22/2023 11:04	44601 SALE_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/22/2023 11:04	46301 ROHR_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/22/2023 11:05	49803 UNIV_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/22/2023 11:09	45602 WOOL_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/22/2023 11:09	61303 EARL_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/22/2023 11:10	61303 EARL_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/22/2023 11:10	45902 AUBU_T1	0	1	1	0	0.2	0.2	0	0	0	0	0	0	0	0
10/22/2023 11:10	10602 BLGL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/22/2023 11:10	45602 WOOL_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/22/2023 11:11	45602 WOOL_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/22/2023 11:11	26401 INOR_T1	0	4	4	0	0.15	0.15	0	0	0	0	0	0	0	0
10/22/2023 11:12	45902 AUBU_T1	0	1	1	0	0.2	0.2	0	0	0	0	0	0	0	0
10/22/2023 11:12	51604 DUKE_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/22/2023 11:13	53903 HAU_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/22/2023 11:14	40101 HUNT_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/22/2023 11:15	53903 HAU_T2	0	1	1	0	0.2	0.2	0	0	0	0	0	0	0	0
10/22/2023 11:16	63801 HEMP_T1	1	2	1	0.2	0.5	0.3	0	0	0	0	0	0	0	0
10/22/2023 11:16	52403 GRPA_T2	2	4	2	0.8	0.5	-0.3	0	0	0	0	0	0	0	0
10/22/2023 11:19	52502 PROG_T2	0	0	0	0	0	0	0	0	1	1	0	900	900	0
10/22/2023 11:20	59101 WALK_T2	1	1	0	0	0	0	0	0	0	0	0	0	0	0
10/22/2023 11:20	67401 WAKE_T2	2	2	0	0.2	0.15	-0.05	0	0	0	0	0	0	0	0
10/22/2023 11:20	13606 RICH_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/22/2023 11:22	43301 WATS_T2	0	1	1	0	0.5	0.5	0	0	0	0	0	0	0	0
10/22/2023 11:22	15001 BLMO_T1	0	0	0	0	0.1	0.1	0	0	0	0	0	0	0	0
10/22/2023 11:23	59102 WALK_T2	1	4	3	0.5	0.43	-0.07	0	0	0	0	0	0	0	0
10/22/2023 11:23	66504 SMAN_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/22/2023 11:24	52502 PROG_T2	0	0	0	0	0	0	0	0	1	1	0	900	900	0
10/22/2023 11:24	10805 CHHI_T2	1	1	0	7.6	7.7	0.1	0	0	0	0	0	0	0	0
10/22/2023 11:24	43301 WATS_T2	0	1	1	0	0.5	0.5	0	0	0	0	0	0	0	0
10/22/2023 11:24	15001 BLMO_T1	0	1	1	0	0.1	0.1	0	0	0	0	0	0	0	0
10/22/2023 11:26	56802 BENV_T2	1	1	0	0.8	1	0.2	0	0	0	0	0	0	0	0
10/22/2023 11:26	17804 GILB_T2	0	1	1	0	0.1	0.1	0	0	0	0	0	0	0	0
10/22/2023 11:26	67503 WEWI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/22/2023 11:27	15001 BLMO_T1	0	1	1	0	0.1	0.1	0	0	0	0	0	0	0	0
10/22/2023 11:28	26401 INOR_T1	3	2	-1	0.13	0.15	0.02	0	0	0	0	0	0	0	0
10/22/2023 11:30	17804 GILB_T2	0	1	1	0	0.4	0.4	0	0	0	0	0	0	0	0
10/22/2023 11:31	58402 MORO_T1	0	0	0	0	0	0	0	0	1	1	0	600	600	0
10/22/2023 11:32	58402 MORO_T1	0	0	0	0	0	0	0	0	2	2	0	1200	1200	0
10/22/2023 11:32	41901 REED_T1	5	5	0	0.36	0.36	0	0	0	0	0	0	0	0	0
10/22/2023 11:33	41901 REED_T1	5	5	0	0.36	0.36	0	0	0	0	0	0	0	0	0
10/22/2023 11:33	65602 QVIL_T2	46	38	-8	0.47	0.41	-0.06	0	0	0	0	0	0	0	0
10/22/2023 11:34	12701 MACU_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/22/2023 11:36	13606 RICH_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/22/2023 11:36	41902 REED_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/22/2023 11:36	59101 WALK_T2	1	1	0	0	0	0	0	0	0	0	0	0	0	0
10/22/2023 11:36	43301 WATS_T2	1	1	0	0.4	0.5	0.1	0	0	0	0	0	0	0	0
10/22/2023 11:36	45602 WOOL_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/22/2023 11:36	41901 REED_T1	5	5	0	0.36	0.36	0	0	0	1	1	0	900	900	0
10/22/2023 11:37	59101 WALK_T2	1	1	0	0	0	0	0	0	0	0	0	0	0	0
10/22/2023 11:37	15001 BLMO_T1	0	2	2	0	0.3	0.3	0	0	0	0	0	0	0	0
10/22/2023 11:38	12701 MACU_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/22/2023 11:38	45902 AUBU_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/22/2023 11:39	43304 WATS_T2	0	0	0

10/22/2023 11:56	17803 GILB_T2	1	0	-1	9.2	0	-9.2	0	0	0	0	0	0	0
10/22/2023 11:56	10805 CHNI_T2	1	3	2	7.8	2.67	-5.13	0	0	0	0	0	0	0
10/22/2023 11:56	15001 BLMO_T1	1	2	1	0.1	0.3	0.2	0	0	0	0	0	0	0
10/22/2023 11:57	17804 GILB_T2	1	1	0	0.1	0.9	0.8	0	0	0	0	0	0	0
10/22/2023 11:57	67502 WEWI_T2	0	6	6	0	0.25	0.25	0	0	0	0	0	0	0
10/22/2023 11:58	51602 DUKE_T2	0	1	1	0	0.6	0.6	0	0	0	0	0	0	0
10/22/2023 11:58	17802 GILB_T1	2	3	1	0.45	0.47	0.02	0	0	0	0	0	0	0
10/22/2023 11:58	15001 BLMO_T1	1	2	1	0.1	0.3	0.2	0	0	0	0	0	0	0
10/22/2023 12:00	13606 RICH_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
10/22/2023 12:01	51201 MTON_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
10/22/2023 12:02	41901 REED_T1	5	5	0	0.34	0.32	-0.02	0	0	0	0	0	0	0
10/22/2023 12:03	41901 REED_T1	5	5	0	0.34	0.32	-0.02	0	0	1	1	0	900	900	0
10/22/2023 12:03	65601 QVIL_T2	0	5	5	0	0.24	0.24	0	0	0	0	0	0	0	0
10/22/2023 12:03	52403 GRPA_T2	4	3	-1	0.3	0.17	-0.13	0	0	0	0	0	0	0	0
10/22/2023 12:04	58401 MORO_T1	0	2	2	0	0.25	0.25	0	0	0	0	0	0	0	0
10/22/2023 12:04	41902 REED_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/22/2023 12:04	52402 GRPA_T2	1	1	0	2.1	2.3	0.2	0	0	0	0	0	0	0	0
10/22/2023 12:05	41901 REED_T1	5	5	0	0.34	0.32	-0.02	0	0	0	0	0	0	0	0
10/22/2023 12:05	13606 RICH_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/22/2023 12:05	58402 MORO_T1	0	0	0	0	0	0	0	0	1	1	0	600	600	0
10/22/2023 12:05	14802 TREI_T2	0	1	1	0	0.1	0.1	0	0	0	0	0	0	0	0
10/22/2023 12:06	20403 ASHF_T2	0	1	1	0	0.1	0.1	0	0	0	0	0	0	0	0
10/22/2023 12:07	20403 ASHF_T2	0	1	1	0	0.1	0.1	0	0	0	0	0	0	0	0
10/22/2023 12:07	14802 TREI_T2	0	1	-1	0	0.1	0.1	0	0	0	0	0	0	0	0
10/22/2023 12:08	15001 BLMO_T1	2	1	-1	0.3	0.1	-0.2	0	0	0	0	0	0	0	0
10/22/2023 12:09	15001 BLMO_T1	2	1	-1	0.3	0.1	-0.2	0	0	0	0	0	0	0	0
10/22/2023 12:09	51604 DUKE_T2	5	30	25	0.3	0.26	-0.04	0	0	1	1	0	900	900	0
10/22/2023 12:10	51604 DUKE_T2	5	30	25	0.3	0.26	-0.04	0	0	1	1	0	900	900	0
10/22/2023 12:10	26401 INOR_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/22/2023 12:11	15001 BLMO_T1	2	1	-1	0.3	0.1	-0.2	0	0	0	0	0	0	0	0
10/22/2023 12:12	15001 BLMO_T1	2	1	-1	0.3	0.1	-0.2	0	0	0	0	0	0	0	0
10/22/2023 12:15	52403 GRPA_T2	1	4	3	0.1	0.53	0.43	0	0	0	0	0	0	0	0
10/22/2023 12:17	52401 GRPA_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/22/2023 12:18	66703 STRA_T1	4	1	-3	0.18	0.1	-0.08	0	0	0	0	0	0	0	0
10/22/2023 12:18	52403 GRPA_T2	1	4	3	0.1	0.53	0.43	0	0	0	0	0	0	0	0
10/22/2023 12:19	52403 GRPA_T2	1	4	3	0.1	0.53	0.43	0	0	0	0	0	0	0	0
10/22/2023 12:19	52502 PROG_T2	0	0	0	0	0	0	0	0	1	1	0	900	900	0
10/22/2023 12:20	59102 WALK_T2	1	1	0	0.1	0.2	0.1	0	0	0	0	0	0	0	0
10/22/2023 12:20	52403 GRPA_T2	1	4	3	0.1	0.53	0.43	0	0	0	0	0	0	0	0
10/22/2023 12:21	43304 WATS_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/22/2023 12:22	59101 WALK_T2	2	2	0	0.5	0.2	-0.3	0	0	0	0	0	0	0	0
10/22/2023 12:22	57603 RUTH_T2	1	1	0	0.1	0.4	0.3	0	0	0	0	0	0	0	0
10/22/2023 12:23	43301 WATS_T2	1	1	0	0.4	0.2	-0.2	0	0	0	0	0	0	0	0
10/22/2023 12:23	59101 WALK_T2	2	2	0	0.5	0.2	-0.3	0	0	0	0	0	0	0	0
10/22/2023 12:24	59101 WALK_T2	2	2	0	0.5	0.2	-0.3	0	0	0	0	0	0	0	0
10/22/2023 12:26	65003 NEFF_T2	1	0	-1	0.1	0	-0.1	0	0	0	0	0	0	0	0
10/22/2023 12:27	40101 HUNT_T2	0	1	1	0	0.2	0.2	0	0	0	0	0	0	0	0
10/22/2023 12:28	40101 HUNT_T2	0	1	1	0	0.2	0.2	0	0	0	0	0	0	0	0
10/22/2023 12:30	59301 MCAL_T1	47	65	18	0.31	0.45	0.14	0	0	0	0	0	0	0	0
10/22/2023 12:32	60502 NMAN_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/22/2023 12:32	39601 LNFD_T1	0	0	0	0	0	0	0	0	1	1	0	900	900	0
10/22/2023 12:39	62606 ENGL_T1	0	1	1	0	0	0	0	0	0	0	0	0	0	0
10/22/2023 12:40	62604 ENGL_T1	0	2	2	0	0	0	0	0	2	2	0	1200	1200	0
10/22/2023 12:40	64802 MONE_T2	3	2	-1	0.4	0.5	0.1	0	0	0	0	0	0	0	0
10/22/2023 12:41	15001 BLMO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/22/2023 12:41	62606 ENGL_T1	0	1	1	0	0	0	0	0	0	0	0	0	0	0
10/22/2023 12:45	62604 ENGL_T1	0	0	0	0	0	0	0	0	1	1	0	600	600	0
10/22/2023 12:51	67502 WEWI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/22/2023 12:53	65005 NEFF_T2	0	1	1	0	0.3	0.3	0	0	0	0	0	0	0	0
10/22/2023 12:53	15001 BLMO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/22/2023 12:55	62604 ENGL_T1	0	0	0	0	0	0	0	0	1	1	0	600	600	0
10/22/2023 12:56	62604 ENGL_T1	0	0	0	0	0	0	0	0	3	3	0	1800	1800	0
10/22/2023 12:56	44802 EDAN_T2	0	1	1	0	0.8	0.8	0	0	1	1	0	1200	1200	0
10/22/2023 12:57	44802 EDAN_T2	0	1	1	0	0.8	0.8	0	0	1	1	0	1200	1200	0
10/22/2023 12:57	62605 ENGL_T1	0	2	2	0	0.1	0.1	0	0	0	0	0	0	0	0
10/22/2023 12:58	40101 HUNT_T2	1	1	0	0.2	0.3	0.1	0	0	0	0	0	0	0	0
10/22/2023 12:59	54206 PENN_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/22/2023 12:59	63203 MGTN_T1	0	0	0	0	0	0	0	0	1	1	0	600	600	0
10/22/2023 12:59	44802 EDAN_T2	0	1	1	0	0.8	0.8	0	0	1	1	0	1200	1200	0
10/22/2023 12:59	40101 HUNT_T2	1	1	0	0.2	0.3	0.1	0	0	0	0	0	0	0	0
10/22/2023 13:02	51004 NHAR_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/22/2023 13:03	41901 REED_T1	5	4	-1	0.28	0.28	0	0	0	0	0	0	0	0	0
10/22/2023 13:05	41902 REED_T1	0	1	1	0	0.2	0.2	0	0	0	0	0	0	0	0
10/22/2023 13:05	14802 TREI_T2	0	2	2	0	0.2	0.2	0	0	0	0	0	0	0	0
10/22/2023 13:05	41902 REED_T1	0	1	1	0	0.2	0.2	0	0	0	0	0	0	0	0
10/22/2023 13:06	67502 WEWI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/22/2023 13:07	42601 TUSC_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/22/2023 13:07	46004 BERW_T2	0	3	3	0	0.15	0.15	0	0	0	0	0	0	0	0
10/22/2023 13:07	43301 WATS_T2	1	1	0	0.2	0.6	0.4	0	0	0	0	0	0	0	0
10/22/2023 13:07	41901 REED_T1	5	4	-1	0.28	0.28	0	0	0	0	0	0	0	0	0
10/22/2023 13:09	14802 TREI_T2	0	2	2	0	0.2	0.2	0	0	0	0	0	0	0	0
10/22/2023 13:12	56802 BENV_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/22/2023 13:12	51604 DUKE_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/22/2023 13:13	41502 FAIR_T2	0	0	0	0	0	0	0	0	1	1	0	900	900	0
10/22/2023 13:17	54701 NEBL_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/22/2023 13:17	53903 HALI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/22/2023 13:18	64101 REFR_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/22/2023 13:21	67502 WEWI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/22/2023 13:21	44901 SCOT_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/22/2023 13:22	43301 WATS_T2	1	1	0	0.6	0.6	0	0	0	0	0	0	0	0	0
10/22/2023 13:23	26401 INOR_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/22/2023 13:23	46203 DANV_T2	2	3	1	0.15	1	0.85	0	0	0	0	0	0	0	0
10/22/2023 13:24	46203 DANV_T2	2	3	1	0.15	1	0.85	0	0	0	0	0	0	0	0
10/22/2023 13:24	56802 BENV_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/22/2023 13:27	56801 BENV_T1	32	34	2	0.62	0.7	0.08	0	0	2	2	0	1200	1200	0
10/22/2023 13:28	56802 BENV_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/22/2023 13:29	23301 JEFF_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/22/2023 13:33	52501 PROG_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/22/2023 13:33	54701 NEBL_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/22/2023 13:34	56504 ROCK_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/22/2023 13:36	45402 WBLO_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/22/2023 13:36	67502 WEWI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/22/2023 13:37	46002 BERW_T2	2	0	-2	0.2	0	-0.2	0	0	0	0	0	0	0	0
10/22/2023 13:38	26401 INOR_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/22/2023 13:38	56802 BENV_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/22/2023 13:38	67203 TEHI_T1	0	0	0	0	0	0	0	0	1	1	0	900	900	0
10/22/2023 13:38	43301 WATS_T2	1	1	0	0.6	0.6	0	0	0	0	0	0	0	0	0
10/22/2023 13:39	46203 DANV_T2	2	4	2	0.25	0.78	0.53	0	0	0	0	0	0	0	0
10/22/2023 13:39	62604 ENGL_T1	0	0	0	0	0	0	0	0	2	2	0	1200	1200	0
10/22/2023 13:39	42503 ALTA_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/22/2023 13:39	56802 BENV_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/22/2023 13:40	46203 DANV_T2	2	4	2	0.25	0.78	0.53	0	0	0	0	0	0	0	0
10/22/2023 13:40	56802 BENV_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/22/2023 13:41	56802 BENV_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/22/2023 13:42	61303 EARL_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/22/2023 13:42	45902 AUBU_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/22/2023 13:43	62605 ENGL_T1	0	1	1	0	0.1	0.1	0	0	0	0	0	0	0	0
10/22/2023 13:43	41801 GOCI_T2	12	135	123	0.23	0.45	0.22	0	0	0	0	0	0	0	0
10/22/2023 13:44	51604 DUKE_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/22/2023 13:44	62604 ENGL_T1	0	0	0	0	0	0	0	0	1	1	0	600	600	0
10/22/2023 13:44	12205 FOGE_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/22/2023 13:44	41801 GOCI_T2	12	135	123	0.23	0.45	0.22	0	0	0	0	0	0	0	0
10/22/2023 13:45	23301 JEFF_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/22/2023 13:46	51201 MTON_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/22/2023 13:46	40101 HUNT_T2	0	1	1	0	0.1	0.1	0	0	0	0	0	0	0	0
10/22/2023 13:46	42002 MNVL_T2	1	1	0	3.4	3.1	-0.3	0	0	0	0	0	0	0	0
10/22/2023 13:47	40101 HUNT_T2	0	1	1	0	0.1	0.1	0	0	0	0	0	0	0	0
10/22/2023 13:47	52501 PROG_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/22/2023 13:47	51004 NHAR_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/22/2023 13:48	54701 NEBL_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/22/2023 13:52	67502 WEWI_T2	20	37	17	0.21	0.28	0.07	0	0	1	1	0	900	900	0
10/22/2023 13:52	52402 GRPA_T2	5	5	0	0.82	0.88	0.06	0	0	0	0	0	0	0	0
10/22/2023 13:53	67503 WEWI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/22/2023 13:53	56501 ROCK_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/22/2023 13:53	67502 WEWI_T2	20	37	17	0.21	0.28	0.07	0	0	2	2	0	1800	1800	0
10/22/2023 13:54	67502 WEWI_T2	20	37	17	0.21	0.28	0.07	0	0	1	1	0	900	900	0
10/22/2023 13:55	54505 ENOL_T2	1	1	0	0.9	0.9	0	0	0	0	0	0	0	0	0
10/22/2023 13:56	54501 ENOL_T2	0	0	0	0	0	0	0	0	1	1	0	600	600	0
10/22/2023 13:58	45902 AUBU_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/22/2023 14:04	52403 GRPA_T2	4	0	-4	0.43	0	-0.43	0	0	0	0	0	0	0	0
10/22/2023 14:04	60604 NCOL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/22/2023 14:04	58401 MORO_T1	4	3	-1	0.25	0.33	0.08	0	0	0	0	0	0	0	0
10/22/2023 14:04	66703 STRA_T1	5	45	40	0.18	0.25	0.07	0	0	0	0	0	0	0	0
10/22/2023 14:05	58402 MORO_T1	0	0	0	0	0	0	0	0	1	1	0	600	600	0
10/22/2023 14:05	67203 TEHI_T1	0	0	0	0	0	0	0	0	1	1	0	900	900	0
10/22/2023 14:06	14802 TREI_T2	5	2	-3	0.44	0.2	-0.24	0	0	0	0	0	0	0	0
10/22/2023 14:06	43301 WATS_T2	1	1	0	0.6	1	0.4	0	0	0	0	0	0	0	0
10/22/2023 14:07	67505 WEWI_T1	0	1	1	0	0.2	0.2	0	0	0	0	0	0	0	0
10/22/2023 14:07	56802 BENV_T2	2	6	4	0.75	0.43	-0.32	0	0	0	0	0	0	0	0
10/22/2023 14:08	56803 BENV_T1	2	5	3	0.7	0.48	-0.22	0	0	0	0	0	0	0	0
10/22/2023 14:08	59101 WALK_T2	1	3	2	0	0.35	0.35	0	0	0	0	0	0	0	0
10/22/2023 14:08	67505 WEWI_T1	0	1	1	0	0.2	0.2	0	0	0	0	0	0	0	0
10/22/2023 14:08	46001 BERW_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/22/2023 14:08	67502 WEWI_T2	26	72	46	0.25	0.22	-0.03	0	0	1	1	0	900	900	0
10/22/2023 14:08	14802 TREI_T2	5	2	-3	0.44	0.2	-0.24	0	0	0	0	0	0	0	0
10/22/2023 14:09	56801 BENV_T1	31	38	7	0.69	0.9	0.21	0	0	4	4	0	2400	2400	0
10/22/2023 14:09	62605 ENGL_T1	1	0	-1	0.1	0	-0.1	0	0	0	0	0	0	0	0
10/22/2023 14:09	67502 WEWI_T2	26	72	46	0.25	0.22	-0.03	0	0	1	1	0	900	900	0
10/22/2023 14:09	44802 EDAN_T2	1	0	-1	0.2	0	-0.2	0	0	1	1	0	1200	1200	0
10/22/2023 14:10	51604 DUKE_T2	24	32	8	0.35	0.29	-0.06	0	0	1	1	0	900	900	0
10/22/2023 14:10	56803 BENV_T1	2	5	3	0.7	0.48	-0.22	0	0	0	0	0	0	0	0
10/22/2023 14:10	62605 ENGL_T1	1	0	-1	0.1	0	-0.1	0	0	0	0	0	0	0	0
10/22/2023 14:10	44802 EDAN_T2	1	0	-1	0.2	0	-0.2	0	0	1	1	0	1200	1200	0
10/22/2023 14:10	56802 BENV_T2	2	6	4	0.75	0.43	-0.32	0	0	0	0	0	0	0	0
10/22/2023 14:11	62605 ENGL_T1	1	0	-1	0.1	0	-0.1	0	0	0	0	0	0	0	0
10/22/2023 14:11	51604 DUKE_T2	24	32	8	0.35	0.29	-0.06	0	0	1	1	0	900	900	0
10/22/2023 14:12	53901 HALI_T2	1	2	1	0.1	0.1	0	0	0	0	0	0	0	0	0
10/22/2023 14:13	44802 EDAN_T2	1	0	-1	0.2	0	-0.2	0	0	1	1	0	1200	1200	0
10/22/2023 14:13	25402 LAHA_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/22/2023 14:14	41501 FAIR_T2	0	0	0	0	0	0	0	0	1	1	0	600	600	0
10/22/2023 14:14	62604 ENGL_T1	0	0	0	0	0	0	0	0	2	2	0	1200	1200	0
10/22/2023 14:14	53903 HALI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/22/2023 14:14	17804 GILB_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/22/2023 14:15	17802 GILB_T1	0	1	1	0	0.1	0.1	0	0	0	0	0	0	0	0
10/22/2023 14:15	64301 LINC_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/22/2023 14:15	58402 MORO_T1	0	0	0	0	0	0	0	0	1	1	0	600	600	0
10/22/2023 14:16	53901 HALI_T2	1	1	0	0.1	0.1	0	0	0	0	0	0	0	0	0
10/22/2023 14:16	65001 NEFF_T2	2	1	-1	0.2	0.3	0.1	0	0	1	1	0	1200	1200	0
10/22/2023 14:16	12701 MACU_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/22/2023 14:17	64101 REFR_T1	1	1	0	1	1.4	0.4	0	0	0	0	0	0	0	0
10/22/2023 14:17	12701 MACU_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/22/2023 14:18	65602 QVIL_T2	26	41	15	0.24	0.39	0.15	0	0	0	0	0	0	0	0
10/22/2023 14:18	52402 GRPA_T2	5	6	1	0.84	0.85	0.01	0	0	0	0	0	0	0	0
10/22/2023 14:18	64101 REFR_T1	1	1	0	1	1.4	0.4	0	0	0	0	0	0

Appendix C - Grid Benefits Achieved in Each Instance of Active Management

10/22/2023 14:28	44802 EDAN_T2	0	0	0	0	0	0	0	0	1	1	0	1200	1200	0
10/22/2023 14:29	40101 HUNT_T2	1	1	0	0.1	0.4	0.3	0	0	0	0	0	0	0	0
10/22/2023 14:30	59301 MCAL_T1	85	92	7	0.79	0.85	0.06	0	0	0	0	0	0	0	0
10/22/2023 14:30	64301 LINC_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/22/2023 14:30	46801 HEPB_T2	2	2	0	0.45	0.55	0.1	0	0	0	0	0	0	0	0
10/22/2023 14:30	54701 NEBL_T1	0	0	0	0	0	0	0	0	1	1	0	600	600	0
10/22/2023 14:30	41801 GOCI_T2	141	122	-19	0.54	0.33	-0.21	0	0	0	0	0	0	0	0
10/22/2023 14:31	58401 MORO_T1	2	2	0	0.4	0.35	-0.05	0	0	0	0	0	0	0	0
10/22/2023 14:31	41801 GOCI_T2	141	122	-19	0.54	0.33	-0.21	0	0	0	0	0	0	0	0
10/22/2023 14:32	52502 PROG_T2	0	0	0	0	0	0	0	0	1	1	0	900	900	0
10/22/2023 14:32	52501 PROG_T1	2	2	0	0.6	0.4	-0.2	0	0	1	1	0	300	300	0
10/22/2023 14:32	13105 NHAM_T2	0	1	1	0	0	0	0	0	1	1	0	1200	1200	0
10/22/2023 14:32	13606 RICH_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/22/2023 14:33	65602 QVIL_T2	39	38	-1	0.38	0.37	-0.01	0	0	0	0	0	0	0	0
10/22/2023 14:33	56503 ROCK_T2	8	8	0	0.15	0.16	0.01	0	0	0	0	0	0	0	0
10/22/2023 14:33	52501 PROG_T1	2	2	0	0.6	0.4	-0.2	0	0	2	2	0	600	600	0
10/22/2023 14:33	52002 LNG_T2	1	1	0	0.6	0.7	0.1	0	0	0	0	0	0	0	0
10/22/2023 14:34	52401 GRPA_T2	1	0	-1	1.2	0	-1.2	0	0	0	0	0	0	0	0
10/22/2023 14:34	56504 ROCK_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/22/2023 14:34	65602 QVIL_T2	39	38	-1	0.38	0.37	-0.01	0	0	0	0	0	0	0	0
10/22/2023 14:34	44701 MUNC_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/22/2023 14:35	66703 STRA_T1	45	144	99	0.25	0.27	0.02	0	0	0	0	0	0	0	0
10/22/2023 14:35	58401 MORO_T1	2	2	0	0.4	0.35	-0.05	0	0	0	0	0	0	0	0
10/22/2023 14:36	58402 MORO_T1	0	0	0	0	0	0	0	0	1	1	0	600	600	0
10/22/2023 14:36	52403 GRPA_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/22/2023 14:36	45802 HEGI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/22/2023 14:36	67203 TEHI_T1	0	0	0	0	0	0	0	0	1	1	0	900	900	0
10/22/2023 14:37	56504 ROCK_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/22/2023 14:37	59202 THOM_T1	19	10	-9	0.51	0.41	-0.1	0	0	0	0	0	0	0	0
10/22/2023 14:38	43301 WATS_T2	1	1	0	0.8	0.9	0.1	0	0	0	0	0	0	0	0
10/22/2023 14:38	59201 THOM_T1	2	2	0	0.85	0.7	-0.15	0	0	0	0	0	0	0	0
10/22/2023 14:38	56802 BENV_T2	5	18	13	0.46	0.29	-0.17	0	0	0	0	0	0	0	0
10/22/2023 14:38	10805 CHHI_T2	1	1	0	7.7	7.6	-0.1	0	0	0	0	0	0	0	0
10/22/2023 14:38	20403 ASHF_T2	4	4	0	0.38	0.33	-0.05	0	0	0	0	0	0	0	0
10/22/2023 14:38	46203 DANV_T2	2	2	0	1	0.65	-0.35	0	0	0	0	0	0	0	0
10/22/2023 14:39	67603 WARW_T1	1	1	0	0.7	0.7	0	0	0	0	0	0	0	0	0
10/22/2023 14:39	44802 EDAN_T2	0	0	0	0	0	0	0	0	1	1	0	1200	1200	0
10/22/2023 14:39	56803 BENV_T1	5	4	-1	0.48	0.53	0.05	0	0	0	0	0	0	0	0
10/22/2023 14:39	45901 AUBU_T1	1	1	0	0.4	0.3	-0.1	0	0	0	0	0	0	0	0
10/22/2023 14:39	56802 BENV_T2	5	18	13	0.46	0.29	-0.17	0	0	0	0	0	0	0	0
10/22/2023 14:39	20403 ASHF_T2	4	4	0	0.38	0.33	-0.05	0	0	0	0	0	0	0	0
10/22/2023 14:40	56801 BENV_T1	37	37	0	0.89	0.78	-0.11	0	0	6	6	0	3600	3600	0
10/22/2023 14:40	67502 WEWI_T2	71	48	-23	0.21	0.21	0	0	0	3	3	0	2700	2700	0
10/22/2023 14:40	46001 BERW_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/22/2023 14:40	67503 WEWI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/22/2023 14:40	43301 WATS_T2	1	1	0	0.8	0.9	0.1	0	0	0	0	0	0	0	0
10/22/2023 14:40	56802 BENV_T2	5	18	13	0.46	0.29	-0.17	0	0	0	0	0	0	0	0
10/22/2023 14:41	44802 EDAN_T2	0	0	0	0	0	0	0	0	1	1	0	1200	1200	0
10/22/2023 14:41	56801 BENV_T1	37	37	0	0.89	0.78	-0.11	0	0	2	2	0	1200	1200	0
10/22/2023 14:41	51604 DUKE_T2	31	35	4	0.29	0.29	0	0	0	1	1	0	900	900	0
10/22/2023 14:41	56802 BENV_T2	5	18	13	0.46	0.29	-0.17	0	0	0	0	0	0	0	0
10/22/2023 14:41	67502 WEWI_T2	71	48	-23	0.21	0.21	0	0	0	1	1	0	900	900	0
10/22/2023 14:41	67502 WEWI_T2	71	48	-23	0.21	0.21	0	0	0	1	1	0	900	900	0
10/22/2023 14:41	41801 GOCI_T2	141	122	-19	0.54	0.33	-0.21	0	0	0	0	0	0	0	0
10/22/2023 14:41	62604 ENGL_T1	0	0	0	0	0	0	0	0	3	3	0	1800	1800	0
10/22/2023 14:42	45901 AUBU_T1	1	1	0	0.4	0.3	-0.1	0	0	0	0	0	0	0	0
10/22/2023 14:42	65001 NEFF_T2	1	1	0	0.2	0.3	0.1	0	0	1	1	0	1200	1200	0
10/22/2023 14:42	56803 BENV_T1	5	4	-1	0.48	0.53	0.05	0	0	0	0	0	0	0	0
10/22/2023 14:42	44802 EDAN_T2	0	0	0	0	0	0	0	0	1	1	0	1200	1200	0
10/22/2023 14:42	56802 BENV_T2	5	18	13	0.46	0.29	-0.17	0	0	0	0	0	0	0	0
10/22/2023 14:43	63802 HEMP_T1	6	11	5	0.18	0.17	-0.01	0	0	0	0	0	0	0	0
10/22/2023 14:43	40101 HUNT_T2	1	0	-1	0.4	0	-0.4	0	0	0	0	0	0	0	0
10/22/2023 14:43	10805 CHHI_T2	1	1	0	7.7	7.6	-0.1	0	0	0	0	0	0	0	0
10/22/2023 14:43	56801 BENV_T1	37	37	0	0.89	0.78	-0.11	0	0	1	1	0	600	600	0
10/22/2023 14:43	51604 DUKE_T2	31	35	4	0.29	0.29	0	0	0	1	1	0	900	900	0
10/22/2023 14:44	40101 HUNT_T2	1	0	-1	0.4	0	-0.4	0	0	0	0	0	0	0	0
10/22/2023 14:44	62604 ENGL_T1	0	0	0	0	0	0	0	0	1	1	0	600	600	0
10/22/2023 14:44	46203 DANV_T2	2	2	0	1	0.65	-0.35	0	0	0	0	0	0	0	0
10/22/2023 14:45	12704 MACU_T1	0	1	1	0	0	0	0	0	0	0	0	0	0	0
10/22/2023 14:45	58401 MORO_T1	2	1	-1	0.35	0.5	0.15	0	0	0	0	0	0	0	0
10/22/2023 14:45	10801 CHHI_T1	3	6	3	0.37	0.5	0.13	0	0	1	1	0	900	900	0
10/22/2023 14:45	46504 LOHA_T1	3	2	-1	0.77	0.45	-0.32	0	0	0	0	0	0	0	0
10/22/2023 14:45	64305 LINC_T1	2	1	-1	0.15	0.1	-0.05	0	0	0	0	0	0	0	0
10/22/2023 14:46	12701 MACU_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/22/2023 14:46	41801 GOCI_T2	122	86	-36	0.33	0.27	-0.06	0	0	0	0	0	0	0	0
10/22/2023 14:46	42001 MNVL_T2	0	1	1	0	0.1	0.1	0	0	0	0	0	0	0	0
10/22/2023 14:46	46801 HEPB_T2	2	2	0	0.55	0.45	-0.1	0	0	0	0	0	0	0	0
10/22/2023 14:46	63401 HONY_T1	1	0	-1	0.1	0	-0.1	0	0	0	0	0	0	0	0
10/22/2023 14:47	52501 PROG_T1	2	1	-1	0.4	0.2	-0.2	0	0	1	1	0	300	300	0
10/22/2023 14:47	58402 MORO_T1	0	0	0	0	0	0	0	0	1	1	0	600	600	0
10/22/2023 14:48	52503 PROG_T2	0	1	1	0	0	0	0	0	0	0	0	0	0	0
10/22/2023 14:48	54701 NEBL_T1	0	0	0	0	0	0	0	0	1	1	0	600	600	0
10/22/2023 14:48	45003 LIME_2	1	1	0	4.3	4.3	0	0	0	0	0	0	0	0	0
10/22/2023 14:48	52501 PROG_T1	2	1	-1	0.4	0.2	-0.2	0	0	2	2	0	600	600	0
10/22/2023 14:49	56501 ROCK_T2	5	8	3	0.32	0.25	-0.07	0	0	0	0	0	0	0	0
10/22/2023 14:49	47403 PENS_T1	2	4	2	1.05	0.93	-0.12	0	0	0	0	0	0	0	0
10/22/2023 14:49	12701 MACU_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/22/2023 14:50	52402 GRPA_T2	6	4	-2	0.83	0.93	0.1	0	0	0	0	0	0	0	0
10/22/2023 14:50	47401 PENS_T1	2	3	1	0.1	0.23	0.13	0	0	0	0	0	0	0	0
10/22/2023 14:50	56501 ROCK_T2	5	8	3	0.32	0.25	-0.07	0	0	0	0	0	0	0	0
10/22/2023 14:51	56503 ROCK_T2	8	3	-5	0.16	0.17	0.01	0	0	0	0	0	0	0	0
10/22/2023 14:52	64801 MONE_T2	1	1	0	0.7	0.8	0.1	0	0	0	0	0	0	0	0
10/22/2023 14:53	44904 SCOT_T1	0	1	1	0	0.3	0.3	0	0	0	0	0	0	0	0
10/22/2023 14:53	56803 BENV_T1	4	2	-2	0.53	0.4	-0.13	0	0	0	0	0	0	0	0
10/22/2023 14:53	64802 MONE_T2	17	49	32	0.18	0.25	0.07	0	0	0	0	0	0	0	0
10/22/2023 14:53	59101 WALK_T2	2	2	0	0.3	0	-0.3	0	0	0	0	0	0	0	0
10/22/2023 14:54	15001 BLMO_T1	0	2	2	0	0.25	0.25	0	0	0	0	0	0	0	0
10/22/2023 14:54	67505 WEWI_T1	0	1	1	0	0.2	0.2	0	0	0	0	0	0	0	0
10/22/2023 14:54	56801 BENV_T1	35	31	-4	0.8	0.87	0.07	0	0	1	1	0	600	600	0
10/22/2023 14:54	56802 BENV_T2	18	3	-15	0.26	0.87	0.61	0	0	0	0	0	0	0	0
10/22/2023 14:55	59102 WALK_T2	1	0	-1	0.3	0	-0.3	0	0	0	0	0	0	0	0
10/22/2023 14:55	56803 BENV_T1	4	2	-2	0.53	0.4	-0.13	0	0	0	0	0	0	0	0
10/22/2023 14:56	15001 BLMO_T1	0	2	2	0	0.25	0.25	0	0	0	0	0	0	0	0
10/22/2023 14:56	45902 AUBU_T1	1	1	0	0.8	1.7	0.9	0	0	0	0	0	0	0	0
10/22/2023 14:56	67505 WEWI_T1	0	1	1	0	0.2	0.2	0	0	0	0	0	0	0	0
10/22/2023 14:56	56801 BENV_T1	35	31	-4	0.8	0.87	0.07	0	0	6	6	0	3600	3600	0
10/22/2023 14:57	56801 BENV_T1	35	31	-4	0.8	0.87	0.07	0	0	3	3	0	1800	1800	0
10/22/2023 14:57	17802 GILB_T1	1	1	0	0.1	0	-0.1	0	0	0	0	0	0	0	0
10/22/2023 14:57	45901 AUBU_T1	1	1	0	0.3	0.1	-0.2	0	0	0	0	0	0	0	0
10/22/2023 14:57	45902 AUBU_T1	1	1	0	0.8	1.7	0.9	0	0	0	0	0	0	0	0
10/22/2023 14:58	45402 WBLO_T2	0	1	1	0	0.9	0.9	0	0	0	0	0	0	0	0
10/22/2023 14:59	17804 GILB_T2	0	1	1	0	0.5	0.5	0	0	0	0	0	0	0	0
10/22/2023 15:00	17805 GILB_T2	0	1	1	0	0.5	0.5	0	0	0	0	0	0	0	0
10/22/2023 15:01	25402 LAHA_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/22/2023 15:01	17804 GILB_T2	0	1	1	0	0.5	0.5	0	0	0	0	0	0	0	0
10/22/2023 15:02	60605 NCOL_T2	1	1	0	0.5	0.6	0.1	0	0	0	0	0	0	0	0
10/22/2023 15:03	60604 NCOL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/22/2023 15:06	66505 SMAN_T2	0	3	3	0	0.27	0.27	0	0	2	2	0	1100	1100	0
10/22/2023 15:06	16301 ALPA_T1	0	4	4	0	0.3	0.3	0	0	0	0	0	0	0	0
10/22/2023 15:06	59101 WALK_T2	1	2	1	0	0	0	0	0	0	0	0	0	0	0
10/22/2023 15:07	16302 ALPA_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/22/2023 15:07	59101 WALK_T2	1	2	1	0	0	0	0	0	0	0	0	0	0	0
10/22/2023 15:07	53903 HALI_T2	2	4	2	0.8	0.85	0.05	0	0	0	0	0	0	0	0
10/22/2023 15:08	67502 WEWI_T2	23	92	69	0.23	0.19	-0.04	0	0	0	0	0	0	0	0
10/22/2023 15:09	59201 THOM_T1	1	1	0	0.8	0.8	0	0	0	0	0	0	0	0	0
10/22/2023 15:10	16301 ALPA_T1	0	4	4	0	0.3	0.3	0	0	0	0	0	0	0	0
10/22/2023 15:10	16302 ALPA_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/22/2023 15:11	16302 ALPA_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/22/2023 15:13	53903 HALI_T2	2	4	2	0.8	0.85	0.05	0	0	0	0	0	0	0	0
10/22/2023 15:14	46801 HEPB_T2	2	2	0	0.3	0.5	0.2	0	0	0	0	0	0	0	0
10/22/2023 15:15	40902 JESH_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/22/2023 15:16	63601 LETO_T1	4	5	1	0.25	0.46	0.21	0	0	1	1	0	900	900	0
10/22/2023 15:17	53903 HALI_T2	4	4	0	0.73	0.85	0.12	0	0	0	0	0	0	0	0
10/22/2023 15:17	63601 LETO_T1	4	5	1	0.25	0.46	0.21	0	0	0	0	0	0	0	0
10/22/2023 15:19	64101 REFR_T1	1	1	0	1	2.3	1.3	0	0	0	0	0	0	0	0
10/22/2023 15:19	63201 MGTN_T2	1	1	0	0.6	0.5	-0.1	0	0	1	1	0	600	600	0
10/22/2023 15:20	64101 REFR_T1	1	1	0	1	2.3	1.3	0	0	0	0	0	0	0	0
10/22/2023 15:20	13105 NHAM_T2	0	0	0	0	0	0	0	0	1	1	0	1200	1200	0
10/22/2023 15:21	64101 REFR_T1	1	1	0	1	2.3	1.3	0	0	0	0	0	0	0	0
10/22/2023 15:22	66701 STRA_T1	1	0	-1	0.4	0	-0.4	0	0	0	0	0	0	0	0
10/22/2023 15:24	62605 ENGL_T1	0	1	1	0	0.1	0.1	0	0	0	0	0	0	0	0
10/22/2023 15:26	15001 BLMO_T1	2	2	0	0.25	0.6	0.35	0	0	0	0	0	0	0	0
10/22/2023 15:27	45802 HEGI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/22/2023 15:27	41801 GOCI_T2	86	76	-10	0.25	0.24	-0.01	0	0	0	0	0	0	0	0
10/22/2023 15:29	47001 HUGH_T2	0	1	1	0	0.1	0.1	0	0	0	0	0	0	0	0
10/22/2023 15:33	59301 MCAL_T1	93	93	0	0.82	0.79	-0.03	0	0	0	0	0	0	0	0
10/22/2023 15:33	44701 MUNC_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/22/2023 15:38	15001 BLMO_T1	2	2	0	0.6	0.4	-0.2	0	0	0	0	0	0	0	0
10/22/2023 15:41	15001 BLMO_T1	2	2	0	0.6	0.4	-0.2	0	0	0	0	0	0	0	0
10/22/2023 15:44	45802 HEGI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/22/2023 15:51	49803 UNIV_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/22/2023 15:51	46001 BERW_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/22/2023 15:52	64101 REFR_T1	1	1	0	2.1	0.3	-1.8	0	0	0	0	0	0	0	0
10/22/2023 15:59	41501 FAIR_T2	0	0	0	0	0	0	0	0	1	1	0	600	600	0
10/22/2023 16:03	13701 SCHN_T2	6	8	2	0.15	0.14	-0.01	0	0	0	0	0	0	0	0
10/22/2023 16:04	54001 SDLE_T1	4	4	0	0.43	0.38	-0.05	0	0	0	0	0	0	0	0
10/22/2023 16:04	13701 SCHN_T2	6	8	2	0.15	0.14	-0.01	0	0	0	0	0	0	0	0
10/22/2023 16:05	54001 SDLE_T1	4	4	0	0.43	0.38	-0.05	0	0	0	0	0	0	0	0
10/22/2023 16:06	54001 SDLE_T1	4	4	0	0.43	0.38	-0.05	0	0	0	0	0	0	0	0
10/22/2023 16:07	43304 WATS_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/22/2023 16:08	56503 ROCK_T2	16	3	-13	0.11	0.1	-0.01	0	0	0	0	0	0	0	0
10/22/2023 16:16	48302 ORWI_T2	2	4	2	0.85	1.1	0.25	0	0	0	0	0	0	0	0
10/22/2023 16:25	15001 BLMO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/22/2023 16:26	15001 BLMO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/22/2023 16:27	67503 WEWI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/22/2023 16:33	65001 NEFF_T2	0	0	0	0	0	0	0	0	1	1	0	1200	1200	0
10/22/2023 16:37	59101 WALK_T2	1	1	0	0	0	0	0	0	0	0	0	0	0	0
10/22/2023 16:48	65001 NEFF_T2	0	0	0	0	0	0	0	0	1	1	0	1200	1200	0
10/22/2023 16:52	43401 BENT_T1	1	0	-1	0.8	0	-0.8	0	0	0	0	0	0	0	0
10/22/2023 16:54	49803 UNIV_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/22/2023 17:15	43402 BENT_T1	0	0	0	0	0	0	0	0	1	1	0	900	900	0
10/22/2023 18:42	46003 BERW_T2	1	1	0	1.5	1.2	-0.3	0	0	0	0	0	0	0	0
10/22/2023 19:05	23301 JEFF_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/22/2023 19:10	26401 INOR_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/22/2023 19:12	51004 NHAR_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/22/2023 19:15	12205 FOGE_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/22/2023 19:20	40602 PIGR_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/22/2023 19:21	64503 LAVI_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/22/2023 19:21	67502 WEWI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/22/2023 19:23	46203 DANV_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/22/2023 19:23	45902 AUBU_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/22/2023 19:23	61303 EARL_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/22/2

Appendix C - Grid Benefits Achieved in Each Instance of Active Management

10/22/2023 20:17	12701 MACU_T1	0	7	0	0	0	0	0	0	0	0	0	0	0	0
10/22/2023 20:17	65604 QVIL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/22/2023 20:18	67502 WEWI_T2	0	0	0	0	0	0	0	0	1	1	0	900	900	0
10/22/2023 20:18	51604 DUKE_T2	0	0	0	0	0	0	0	0	1	1	0	900	900	0
10/22/2023 20:18	44802 EDAN_T2	0	0	0	0	0	0	0	0	1	1	0	1200	1200	0
10/22/2023 20:18	45901 AUBU_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/22/2023 20:18	66505 SMAN_T2	1	3	2	0.2	0.27	0.07	0	0	2	2	0	1100	1100	0
10/22/2023 20:19	62604 ENGL_T1	0	0	0	0	0	0	0	0	1	1	0	600	600	0
10/22/2023 20:20	45902 AUBU_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/22/2023 20:20	56802 BENV_T2	1	0	-1	0.8	0	-0.8	0	0	0	0	0	0	0	0
10/22/2023 20:20	60803 BUCK_T1	0	0	0	0	0	0	0	0	1	1	0	600	600	0
10/22/2023 20:20	13503 MCMI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/22/2023 20:21	41801 GOCI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/22/2023 20:21	45602 WOOL_T1	3	3	0	0.3	0.43	0.13	0	0	0	0	0	0	0	0
10/22/2023 20:21	17805 GILB_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/22/2023 20:21	46506 LOHA_T1	0	1	1	0	0.1	0.1	0	0	0	0	0	0	0	0
10/22/2023 20:21	59101 WALK_T2	1	1	0	0	0	0	0	0	1	1	0	450	450	0
10/22/2023 20:21	67501 WEWI_T1	0	0	0	0	0	0	0	0	1	1	0	600	600	0
10/22/2023 20:21	61303 EARL_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/22/2023 20:21	56801 BENV_T1	12	14	2	1.28	1.28	0	0	0	3	3	0	1800	1800	0
10/22/2023 20:21	52502 PROG_T2	0	0	0	0	0	0	0	0	1	1	0	900	900	0
10/22/2023 20:22	52004 LING_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/22/2023 20:22	64503 LAVI_T1	0	0	0	0	0	0	0	0	1	1	0	1200	1200	0
10/22/2023 20:22	44801 EDAN_T2	0	1	1	0	0.1	0.1	0	0	0	0	0	0	0	0
10/22/2023 20:22	15001 BLMO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/22/2023 20:22	10801 CHHI_T1	0	0	0	0	0	0	0	0	1	1	0	900	900	0
10/22/2023 20:22	56801 BENV_T1	12	14	2	1.28	1.28	0	0	0	1	1	0	600	600	0
10/22/2023 20:22	12701 MACU_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/22/2023 20:22	67502 WEWI_T2	0	0	0	0	0	0	0	0	1	1	0	900	900	0
10/22/2023 20:22	29402 BELT_T1	1	1	0	7.1	6.8	-0.3	0	0	0	0	0	0	0	0
10/22/2023 20:22	59101 WALK_T2	1	1	0	0	0	0	0	0	1	1	0	450	450	0
10/22/2023 20:23	67503 WEWI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/22/2023 20:23	62604 ENGL_T1	0	0	0	0	0	0	0	0	1	1	0	600	600	0
10/22/2023 20:23	56802 BENV_T2	1	0	-1	0.8	0	-0.8	0	0	0	0	0	0	0	0
10/22/2023 20:23	65001 NEFF_T2	0	0	0	0	0	0	0	0	1	1	0	1200	1200	0
10/22/2023 20:23	53903 HALI_T2	2	2	0	0.4	0.5	0.1	0	0	0	0	0	0	0	0
10/22/2023 20:23	59202 THOM_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/22/2023 20:24	56801 BENV_T1	12	14	2	1.28	1.28	0	0	0	1	1	0	600	600	0
10/22/2023 20:24	12701 MACU_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/22/2023 20:24	64101 REFR_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/22/2023 20:24	49803 UNIV_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/22/2023 20:24	56802 BENV_T2	1	0	-1	0.8	0	-0.8	0	0	0	0	0	0	0	0
10/22/2023 20:24	64301 LINC_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/22/2023 20:24	60803 BUCK_T1	0	0	0	0	0	0	0	0	1	1	0	600	600	0
10/22/2023 20:25	40101 HUNT_T2	0	1	1	0	0	0	0	0	0	0	0	0	0	0
10/22/2023 20:25	46803 HEPB_T2	1	1	0	0.1	0.1	0	0	0	0	0	0	0	0	0
10/22/2023 20:25	20403 ASHF_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/22/2023 20:25	46203 DANV_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/22/2023 20:25	28604 BLYT_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/22/2023 20:25	52402 GRPA_T2	4	4	0	0.73	0.88	0.15	0	0	0	0	0	0	0	0
10/22/2023 20:25	40902 JESH_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/22/2023 20:25	45001 LIME_2	20	21	1	0.17	0.15	-0.02	0	0	0	0	0	0	0	0
10/22/2023 20:25	56501 ROCK_T2	1	1	0	0.3	0	-0.3	0	0	0	0	0	0	0	0
10/22/2023 20:25	64802 MONE_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/22/2023 20:25	52502 PROG_T2	0	0	0	0	0	0	0	0	1	1	0	900	900	0
10/22/2023 20:25	39601 LNFD_T1	0	0	0	0	0	0	0	0	0	1	1	0	900	900
10/22/2023 20:26	65604 QVIL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/22/2023 20:26	66505 SMAN_T2	1	3	2	0.2	0.27	0.07	0	0	2	2	0	1100	1100	0
10/22/2023 20:26	58402 MORO_T1	0	0	0	0	0	0	0	0	2	2	0	1500	1500	0
10/22/2023 20:26	67502 WEWI_T2	0	0	0	0	0	0	0	0	1	1	0	900	900	0
10/22/2023 20:26	46001 BERW_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/22/2023 20:26	56801 BENV_T1	12	14	2	1.28	1.28	0	0	0	1	1	0	600	600	0
10/22/2023 20:26	40101 HUNT_T2	0	1	1	0	0	0	0	0	0	0	0	0	0	0
10/22/2023 20:26	29402 BELT_T1	1	1	0	7.1	6.8	-0.3	0	0	0	0	0	0	0	0
10/22/2023 20:26	52501 PROG_T1	0	0	0	0	0	0	0	0	1	1	0	300	300	0
10/22/2023 20:26	59101 WALK_T2	1	1	0	0	0	0	0	0	1	1	0	450	450	0
10/22/2023 20:26	16302 ALPA_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/22/2023 20:26	45802 HEGI_T2	1	0	-1	0.3	0	-0.3	0	0	0	0	0	0	0	0
10/22/2023 20:26	14802 TREI_T2	1	1	0	0.7	0	-0.7	0	0	0	0	0	0	0	0
10/22/2023 20:26	15001 BLMO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/22/2023 20:27	46801 HEPB_T2	2	2	0	0.4	0.4	0	0	0	0	0	0	0	0	0
10/22/2023 20:27	47001 HUGH_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/22/2023 20:27	67503 WEWI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/22/2023 20:27	13701 SCHN_T2	1	0	-1	9.6	0	-9.6	0	0	0	0	0	0	0	0
10/22/2023 20:27	62604 ENGL_T1	0	0	0	0	0	0	0	0	2	2	0	1200	1200	0
10/22/2023 20:27	15001 BLMO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/22/2023 20:27	60605 NCOL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/22/2023 20:27	56801 BENV_T1	12	14	2	1.28	1.28	0	0	0	3	3	0	1800	1800	0
10/22/2023 20:27	44904 SCOT_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/22/2023 20:27	43201 MVIL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/22/2023 20:27	56802 BENV_T2	1	0	-1	0.8	0	-0.8	0	0	0	0	0	0	0	0
10/22/2023 20:27	59101 WALK_T2	1	1	0	0	0	0	0	0	1	1	0	450	450	0
10/22/2023 20:28	62604 ENGL_T1	0	0	0	0	0	0	0	0	1	1	0	600	600	0
10/22/2023 20:28	54001 SDLE_T1	1	1	0	0.6	0.5	-0.1	0	0	0	0	0	0	0	0
10/22/2023 20:28	15001 BLMO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/22/2023 20:28	52501 PROG_T1	0	0	0	0	0	0	0	0	1	1	0	300	300	0
10/22/2023 20:29	42001 MNVL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/22/2023 20:29	63201 MGTN_T2	0	0	0	0	0	0	0	0	1	1	0	600	600	0
10/22/2023 20:29	45003 LIME_2	1	1	0	3.4	3.2	-0.2	0	0	0	0	0	0	0	0
10/22/2023 20:29	54001 SDLE_T1	1	1	0	0.6	0.5	-0.1	0	0	0	0	0	0	0	0
10/22/2023 20:29	56501 ROCK_T2	1	1	0	0.3	0	-0.3	0	0	0	0	0	0	0	0
10/22/2023 20:29	43301 WATS_T2	1	0	-1	0.2	0	-0.2	0	0	0	0	0	0	0	0
10/22/2023 20:29	64101 REFR_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/22/2023 20:29	14802 TREI_T2	1	1	0	0.7	0	-0.7	0	0	0	0	0	0	0	0
10/22/2023 20:30	44601 SALE_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/22/2023 20:30	51604 DUKE_T2	0	0	0	0	0	0	0	0	1	1	0	900	900	0
10/22/2023 20:30	45702 LIND_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/22/2023 20:30	43202 MVIL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/22/2023 20:30	61801 EEU_T2	2	2	0	1	1	0	0	0	1	1	0	600	600	0
10/22/2023 20:30	28403 HART_T2	0	0	0	0	0	0	0	0	1	1	0	900	900	0
10/22/2023 20:30	56802 BENV_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/22/2023 20:30	52501 PROG_T1	0	0	0	1	0	0	0	0	1	1	0	300	300	0
10/22/2023 20:31	15001 BLMO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/22/2023 20:31	46302 ROHR_T1	4	4	0	1.13	1.83	0.7	0	0	0	0	0	0	0	0
10/22/2023 20:31	28403 HART_T2	0	0	0	0	0	0	0	0	1	1	0	900	900	0
10/22/2023 20:31	41902 REED_T1	0	1	1	0	0	0	0	0	0	0	0	0	0	0
10/22/2023 20:31	44802 EDAN_T2	0	0	0	0	0	0	0	0	1	1	0	1200	1200	0
10/22/2023 20:31	40101 HUNT_T2	0	1	1	0	0	0	0	0	0	0	0	0	0	0
10/22/2023 20:31	56801 BENV_T1	14	18	4	1.26	1.18	-0.08	0	0	1	1	0	600	600	0
10/22/2023 20:31	67401 WAKE_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/22/2023 20:31	56802 BENV_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/22/2023 20:31	20403 ASHF_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/22/2023 20:32	42002 MNVL_T2	1	1	0	3.5	3.3	-0.2	0	0	0	0	0	0	0	0
10/22/2023 20:32	56801 BENV_T1	14	18	4	1.26	1.18	-0.08	0	0	3	3	0	1800	1800	0
10/22/2023 20:32	56504 ROCK_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/22/2023 20:32	66703 STRA_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/22/2023 20:32	58402 MORO_T1	0	0	0	0	0	0	0	0	2	2	0	1500	1500	0
10/22/2023 20:32	59101 WALK_T2	1	1	0	0	0	0	0	0	1	1	0	450	450	0
10/22/2023 20:33	59101 WALK_T2	1	1	0	0	0	0	0	0	1	1	0	450	450	0
10/22/2023 20:33	54701 NEBL_T1	0	0	0	0	0	0	0	0	1	1	0	600	600	0
10/22/2023 20:33	56801 BENV_T1	14	18	4	1.26	1.18	-0.08	0	0	2	2	0	1200	1200	0
10/22/2023 20:33	64802 MONE_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/22/2023 20:33	58402 MORO_T1	0	0	0	0	0	0	0	0	2	2	0	1500	1500	0
10/22/2023 20:34	56802 BENV_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/22/2023 20:34	41901 REED_T1	3	1	-2	0.4	0.2	-0.2	0	0	0	0	0	0	0	0
10/22/2023 20:34	56801 BENV_T1	14	18	4	1.26	1.18	-0.08	0	0	1	1	0	600	600	0
10/22/2023 20:37	53903 HALI_T2	2	2	0	0.5	0.4	-0.1	0	0	0	0	0	0	0	0
10/22/2023 20:47	17805 GILB_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/22/2023 23:07	65003 NEFF_T2	1	2	1	0.1	0.1	0	0	0	0	0	0	0	0	0
10/22/2023 23:19	65003 NEFF_T2	1	4	3	0.1	0.23	0.13	0	0	0	0	0	0	0	0
10/23/2023 0:28	41902 REED_T1	1	0	-1	0.1	0	-0.1	0	0	0	0	0	0	0	0
10/23/2023 0:28	10805 CHHI_T2	1	2	1	8	5.05	-2.95	0	0	0	0	0	0	0	0
10/23/2023 0:28	29402 BELT_T1	1	1	0	8.1	8.4	0.3	0	0	0	0	0	0	0	0
10/23/2023 0:28	29401 BELT_T1	0	0	0	0	0	0	0	0	1	1	0	900	900	0
10/23/2023 0:28	41602 CLEV_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/23/2023 0:28	63602 LETO_T1	52	91	39	0.11	0.17	0.06	0	0	0	0	0	0	0	0
10/23/2023 0:28	66504 SMAN_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/23/2023 0:28	49803 UNIV_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/23/2023 0:28	64501 LAVI_T1	1	0	-1	1.3	0	-1.3	0	0	0	0	0	0	0	0
10/23/2023 0:28	56802 BENV_T2	1	1	0	0.5	0.6	0.1	0	0	0	0	0	0	0	0
10/23/2023 0:28	40101 HUNT_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/23/2023 0:28	63801 HEMP_T1	277	284	7	0.55	0.55	0	0	0	0	0	0	0	0	0
10/23/2023 0:28	67503 WEWI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/23/2023 0:28	43402 BENT_T1	0	0	0	0	0	0	0	0	1	1	0	900	900	0
10/23/2023 0:28	10801 CHHI_T1	0	0	0	0	0	0	0	0	1	1	0	900	900	0
10/23/2023 0:28	56501 ROCK_T2	125	194	69	0.19	0.18	-0.01	0	0	0	0	0	0	0	0
10/23/2023 0:28	64101 REFR_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/23/2023 0:28	59301 MCAL_T1	81	87	6	0.54	0.71	0.17	0	0	0	0	0	0	0	0
10/23/2023 0:28	45402 WBLO_T2	1	1	0	0.2	1	0.8	0	0	0	0	0	0	0	0
10/23/2023 0:28	60803 BUCK_T1	8	10	2	0.28	0.25	-0.03	0	0	0	0	0	0	0	0
10/23/2023 0:28	53902 HALI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/23/2023 0:28	15001 BLMO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/23/2023 0:28	44701 MUNC_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/23/2023 0:28	43301 WATS_T2	1	1	0	0.2	0.3	0.1	0	0	0	0	0	0	0	0
10/23/2023 0:28	41501 FAIR_T2	0	0	0	0	0	0	0	0	1	1	0	600	600	0
10/23/2023 0:28	67605 WARW_T1	31	38	7	0.46	0.47	0.01	0	0	0	0	0	0	0	0
10/23/2023 0:28	14802 TREI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/23/2023 0:28	56501 ROCK_T2	125	194	69	0.19	0.18	-0.01	0	0	0	0	0	0	0	0
10/23/2023 0:28	67203 TEHI_T1	0	0	0	0	0	0	0	0	2	2	0	1500	1500	0
10/23/2023 0:28	17802 GILB_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/23/2023 0:28	52403 GRPA_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/23/2023 0:28	16302 ALPA_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/23/2023 0:28	67502 WEWI_T2	0	0	0	0	0	0	0	0	1	1	0	900	900	0
10/23/2023 0:28	28604 BLYT_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/23/2023 0:28	60502 NMAN_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/23/2023 0:28	56801 BENV_T1	26	26	0	0.68	0.73	0.05	0	0	3	3	0	1800	1800	0
10/23/2023 0:28	45902 AUBU_T1	0	0	0	0	0	0	0	0	2	2	0	1200	1200	0
10/23/2023 0:28	63404 HONY_T1	277	280	3	0.88	0.93	0.05	0	0	0	0	0	0	0	0
10/23/2023 0:28	46801 HEPB_T2	2	2	0	0.7	0.45	-0.25	0	0	0	0	0	0	0	0
10/23/2023 0:28	45602 WOOL_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/23/2023 0:28	54001 SDLE_T1	1	1	0	0.7	0.7	0	0	0	1	1	0	600	600	0
10/23/2023 0:28	63203 MGTN_T1	0	0	0	0	0	0	0	0	1	1	0	600	600	0
10/23/2023 0:28	60604 NCOL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/23/2023 0:28	41801 GOCI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/23/2023 0:28	16301 ALPA_T1	198	334	136	0.19	0.25	0.06	0	0	0	0	0	0	0	0
10/23/2023 0:28	43202 MVIL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/23/2023 0:28	12701 MACU_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/23/2023 0:28	45001 LIME_2	33	33	0	0.43	0.47	0.04	0	0	0	0	0	0	0	0
10/23/2023 0:28	46001 BERW_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/23/2023 0:28	67501 WEWI_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/23/2023 0:28	59202 THOM_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/23/2023 0:28	44601 SALE_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/23/2023 0:28	13105 NHAM_T2	0	0	0	0	0	0	0	0	1	1	0	1200	1200	0
10/23/2023 0:42	65002 NEFF_T2	0	4	4	0	0.1	0.1	0	0	0	0	0	0	0	0
10/23/2023 0:48	17804 GILB_T2	7	7	0	0.19	0.17	-0.02	0	0	0	0	0	0	0	0
10/23/2023 0:57	13704 SCHN_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/23/2023 5:20	65

10/23/2023 9:17	26401 INOR_T1	0	0	1	0	0	0	0	0	0	0	0	0	0	0
10/23/2023 9:18	50107 HARR_T3	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/23/2023 9:19	50105 HARR_T3	6	6	0	5.67	5.37	-0.3	0	0	0	0	0	0	0	0
10/23/2023 9:19	50105 HARR_T3	6	6	0	5.67	5.37	-0.3	0	0	0	0	0	0	0	0
10/23/2023 9:20	50103 HARR_T3	0	2	2	0	0.35	0.35	0	0	0	0	0	0	0	0
10/23/2023 9:20	50105 HARR_T3	6	6	0	5.67	5.37	-0.3	0	0	0	0	0	0	0	0
10/23/2023 9:20	49804 UNIV_T1	0	1	1	0	0.1	0.1	0	0	0	0	0	0	0	0
10/23/2023 9:20	43301 WATS_T2	1	1	0	0.7	0.8	0.1	0	0	0	0	0	0	0	0
10/23/2023 9:28	45802 HEGI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/23/2023 9:30	43202 MVIL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/23/2023 9:33	52004 LING_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/23/2023 9:33	13704 SCHN_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/23/2023 9:33	43202 MVIL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/23/2023 9:34	56501 ROCK_T2	6	7	1	0.4	0.28	-0.12	0	0	0	0	0	0	0	0
10/23/2023 9:38	56802 BENV_T2	2	5	3	0.6	0.42	-0.18	0	0	0	0	0	0	0	0
10/23/2023 9:38	59102 WALK_T2	0	3	3	0	0.23	0.23	0	0	0	0	0	0	0	0
10/23/2023 9:38	10801 CHHI_T1	1	1	0	0.2	0.2	0	0	0	0	1	1	0	900	900	0
10/23/2023 9:39	62606 ENGL_T1	0	17	17	0	0.1	0.1	0	0	0	0	0	0	0	0	0
10/23/2023 9:39	56802 BENV_T2	2	5	3	0.6	0.42	-0.18	0	0	0	0	0	0	0	0	0
10/23/2023 9:40	56802 BENV_T2	2	5	3	0.6	0.42	-0.18	0	0	0	0	0	0	0	0	0
10/23/2023 9:40	29402 BELT_T1	1	1	0	8	8.2	0.2	0	0	0	0	0	0	0	0	0
10/23/2023 9:41	62605 ENGL_T1	107	158	51	0.16	0.16	0	0	0	0	0	0	0	0	0	0
10/23/2023 9:41	61302 EARL_T1	0	1	1	0	0.5	0.5	0	0	0	0	0	0	0	0	0
10/23/2023 9:42	62604 ENGL_T1	0	0	0	0	0	0	0	0	0	1	1	0	600	600	0
10/23/2023 9:44	62607 ENGL_T1	1	1	0	9.6	9.8	0.2	0	0	0	0	0	0	0	0	0
10/23/2023 9:46	26401 INOR_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/23/2023 9:47	13302 ORVI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/23/2023 9:47	43201 MVIL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/23/2023 9:47	64101 REFR_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/23/2023 9:48	42201 SHEN_T2	0	0	0	0	0	0	0	0	0	1	1	0	600	600	0
10/23/2023 9:49	64101 REFR_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/23/2023 9:49	25801 SUTR_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/23/2023 9:50	42002 MNVL_T2	1	1	0	4.4	4.4	0	0	0	0	0	0	0	0	0	0
10/23/2023 9:50	64101 REFR_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/23/2023 9:51	64101 REFR_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/23/2023 9:51	41901 REED_T1	3	3	0	0.27	0.2	-0.07	0	0	0	1	1	0	900	900	0
10/23/2023 9:52	64101 REFR_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/23/2023 9:52	59101 WALK_T2	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0
10/23/2023 9:53	59202 THOM_T1	3	1	-2	0.5	0.1	-0.4	0	0	0	0	0	0	0	0	0
10/23/2023 9:55	60801 BUCK_T1	40	29	-11	0.21	0.21	0	0	0	0	0	0	0	0	0	0
10/23/2023 9:55	64802 MONE_T2	9	0	-9	0.1	0	-0.1	0	0	0	0	0	0	0	0	0
10/23/2023 9:55	15001 BLMO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/23/2023 9:58	54505 ENOL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/23/2023 10:00	67605 WARW_T1	14	16	2	0.3	0.44	0.14	0	0	0	0	0	0	0	0	0
10/23/2023 10:00	46003 BERW_T2	1	0	-1	2.1	0	-2.1	0	0	0	0	0	0	0	0	0
10/23/2023 10:00	23301 JEFF_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/23/2023 10:00	56501 ROCK_T2	7	3	-4	0.34	0.43	0.09	0	0	0	0	0	0	0	0	0
10/23/2023 10:00	46302 ROHR_T1	4	4	0	1.18	1.43	0.25	0	0	0	0	0	0	0	0	0
10/23/2023 10:00	56501 ROCK_T2	7	3	-4	0.34	0.43	0.09	0	0	0	0	0	0	0	0	0
10/23/2023 10:00	52502 PROG_T2	0	1	1	0	0.4	0.4	0	0	0	1	1	0	900	900	0
10/23/2023 10:00	54701 NEBL_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/23/2023 10:00	52403 GRPA_T2	0	9	9	0	0.23	0.23	0	0	0	0	0	0	0	0	0
10/23/2023 10:00	67401 WAKE_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/23/2023 10:00	22901 HARW_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/23/2023 10:00	53903 HALI_T2	2	2	0	1.3	1.4	0.1	0	0	0	0	0	0	0	0	0
10/23/2023 10:00	13503 MCMI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/23/2023 10:00	52502 PROG_T2	0	1	1	0	0.4	0.4	0	0	0	1	1	0	900	900	0
10/23/2023 10:00	26401 INOR_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/23/2023 10:00	64101 REFR_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/23/2023 10:00	46203 DANV_T2	2	6	4	0.25	0.5	0.25	0	0	0	0	0	0	0	0	0
10/23/2023 10:00	54505 ENOL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/23/2023 10:00	56802 BENV_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/23/2023 10:00	54001 SDLE_T1	3	4	1	0.3	0.8	0.5	0	0	0	0	0	0	0	0	0
10/23/2023 10:00	42201 SHEN_T2	0	0	0	0	0	0	0	0	0	1	1	0	600	600	0
10/23/2023 10:00	60604 NCOL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/23/2023 10:00	13302 ORVI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/23/2023 10:00	12604 MACA_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/23/2023 10:00	64801 MONE_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/23/2023 10:00	42401 GIMA_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/23/2023 10:00	40602 PIGR_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/23/2023 10:00	56603 HAMP_T1	59	34	-25	0.15	0.13	-0.02	0	0	0	0	0	0	0	0	0
10/23/2023 10:00	51604 DUKE_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/23/2023 10:00	43301 WATS_T2	1	1	0	0.7	0.8	0.1	0	0	0	0	0	0	0	0	0
10/23/2023 10:00	53501 EVIL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/23/2023 10:00	61303 EARL_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/23/2023 10:00	52004 LING_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/23/2023 10:00	45402 WILO_T2	2	2	0	1.05	0.35	-0.7	0	0	0	0	0	0	0	0	0
10/23/2023 10:00	45902 AUBU_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/23/2023 10:00	60801 BUCK_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/23/2023 10:01	45902 AUBU_T1	1	2	1	1.1	0.9	-0.2	0	0	0	1	1	0	600	600	0
10/23/2023 10:01	13704 SCHN_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/23/2023 10:03	52501 PROG_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/23/2023 10:06	41901 REED_T1	2	3	1	0.2	0.2	0	0	0	0	1	1	0	900	900	0
10/23/2023 10:06	42701 AUGU_T1	0	1	1	0	0.2	0.2	0	0	0	2	2	0	1800	1800	0
10/23/2023 10:07	49803 UNIV_T1	1	1	0	1.2	1.4	0.2	0	0	0	0	0	0	0	0	0
10/23/2023 10:07	66505 SMAN_T2	0	0	0	0	0	0	0	0	0	2	2	0	1100	1100	0
10/23/2023 10:07	56802 BENV_T2	5	3	-2	0.38	0.67	0.29	0	0	0	0	0	0	0	0	0
10/23/2023 10:07	54001 SDLE_T1	3	4	1	0.3	0.8	0.5	0	0	0	0	0	0	0	0	0
10/23/2023 10:08	59102 WALK_T2	1	2	1	0.2	0.1	-0.1	0	0	0	0	0	0	0	0	0
10/23/2023 10:08	43301 WATS_T2	1	1	0	0.7	0.8	0.1	0	0	0	0	0	0	0	0	0
10/23/2023 10:08	56802 BENV_T2	5	3	-2	0.38	0.67	0.29	0	0	0	0	0	0	0	0	0
10/23/2023 10:08	53601 DALM_T2	1	1	0	0.2	1	0.8	0	0	0	1	1	0	900	900	0
10/23/2023 10:08	20402 ASHF_T2	0	6	6	0	0	0	0	0	0	0	0	0	0	0	0
10/23/2023 10:09	10801 CHHI_T1	1	1	0	0.2	0.2	0	0	0	0	1	1	0	900	900	0
10/23/2023 10:09	46203 DANV_T2	2	6	4	0.25	0.5	0.25	0	0	0	0	0	0	0	0	0
10/23/2023 10:09	52401 GRPA_T2	0	3	3	0	0.27	0.27	0	0	0	0	0	0	0	0	0
10/23/2023 10:09	28604 BLYT_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/23/2023 10:10	56802 BENV_T2	5	3	-2	0.38	0.67	0.29	0	0	0	0	0	0	0	0	0
10/23/2023 10:10	53501 EVIL_T2	0	3	3	0	0.57	0.57	0	0	0	2	2	0	1500	1500	0
10/23/2023 10:10	46203 DANV_T2	2	6	4	0.25	0.5	0.25	0	0	0	0	0	0	0	0	0
10/23/2023 10:10	20403 ASHF_T2	55	4	-51	0.25	0.65	0.4	0	0	0	0	0	0	0	0	0
10/23/2023 10:10	60803 BUCK_T1	16	6	-10	0.38	0.13	-0.25	0	0	0	0	0	0	0	0	0
10/23/2023 10:10	51302 WIND_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/23/2023 10:11	62605 ENGL_T1	65	6	-59	0.17	0.24	0.07	0	0	0	0	0	0	0	0	0
10/23/2023 10:11	28403 HART_T2	0	0	0	0	0	0	0	0	0	1	1	0	900	900	0
10/23/2023 10:11	15001 BLMO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/23/2023 10:11	56802 BENV_T2	5	3	-2	0.38	0.67	0.29	0	0	0	0	0	0	0	0	0
10/23/2023 10:12	42701 AUGU_T1	0	1	1	0	0.2	0.2	0	0	0	2	2	0	1800	1800	0
10/23/2023 10:12	41801 GOCI_T2	2	2	0	0.45	0.5	0.05	0	0	0	0	0	0	0	0	0
10/23/2023 10:12	62604 ENGL_T1	0	0	0	0	0	0	0	0	0	1	1	0	600	600	0
10/23/2023 10:12	53501 EVIL_T2	0	3	3	0	0.57	0.57	0	0	0	2	2	0	1500	1500	0
10/23/2023 10:13	17805 GILB_T2	0	1	1	0	0.2	0.2	0	0	0	0	0	0	0	0	0
10/23/2023 10:13	62604 ENGL_T1	0	0	0	0	0	0	0	0	0	1	1	0	600	600	0
10/23/2023 10:13	21606 EYNO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/23/2023 10:14	53501 EVIL_T2	0	3	3	0	0.57	0.57	0	0	0	2	2	0	1500	1500	0
10/23/2023 10:14	46801 HEPB_T2	3	4	1	0.83	0.63	-0.2	0	0	0	0	0	0	0	0	0
10/23/2023 10:14	46803 HEPB_T2	1	1	0	0.2	0.2	0	0	0	0	0	0	0	0	0	0
10/23/2023 10:14	62604 ENGL_T1	0	0	0	0	0	0	0	0	0	2	2	0	1200	1200	0
10/23/2023 10:15	53901 HALI_T2	0	2	2	0	0.25	0.25	0	0	0	0	0	0	0	0	0
10/23/2023 10:15	43202 MVIL_T2	0	1	1	0	0.5	0.5	0	0	0	0	0	0	0	0	0
10/23/2023 10:16	52402 GRPA_T2	2	10	8	1.8	1.12	-0.68	0	0	0	0	0	0	0	0	0
10/23/2023 10:16	58401 MORO_T1	0	3	3	0	0.2	0.2	0	0	0	0	0	0	0	0	0
10/23/2023 10:16	46801 HEPB_T2	3	4	1	0.8	0.63	-0.17	0	0	0	0	0	0	0	0	0
10/23/2023 10:16	12701 MACU_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/23/2023 10:17	43202 MVIL_T2	0	1	1	0	0.5	0.5	0	0	0	0	0	0	0	0	0
10/23/2023 10:17	64101 REFR_T1	0	2	2	0	0.2	0.2	0	0	0	0	0	0	0	0	0
10/23/2023 10:18	12701 MACU_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/23/2023 10:18	64101 REFR_T1	0	2	2	0	0.2	0.2	0	0	0	0	0	0	0	0	0
10/23/2023 10:18	58402 MORO_T1	1	1	0	0.5	0.5	0	0	0	0	2	2	0	1500	1500	0
10/23/2023 10:19	65003 NEFF_T2	0	2	2	0	0.1	0.1	0	0	0	0	0	0	0	0	0
10/23/2023 10:19	54701 NEBL_T1	0	2	2	0	0.15	0.15	0	0	0	1	1	0	600	600	0
10/23/2023 10:19	43201 MVIL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/23/2023 10:20	58302 NOTT_T1	0	0	0	0	0	0	0	0	0	1	1	0	1200	1200	0
10/23/2023 10:20	52502 PROG_T2	1	1	0	0.3	0.4	0.1	0	0	0	1	1	0	900	900	0
10/23/2023 10:21	56503 ROCK_T2	1	6	5	0.4	0.18	-0.22	0	0	0	0	0	0	0	0	0
10/23/2023 10:21	64101 REFR_T1	0	2	2	0	0.2	0.2	0	0	0	0	0	0	0	0	0
10/23/2023 10:22	56802 BENV_T2	1	6	5	1	0.42	-0.58	0	0	0	0	0	0	0	0	0
10/23/2023 10:22	67502 WEWI_T2	1	2	1	0.8	0.75	-0.05	0	0	0	0	0	0	0	0	0
10/23/2023 10:22	29402 BELT_T1	1	3	2	8.1	2.9	-5.2	0	0	0	0	0	0	0	0	0
10/23/2023 10:23	67502 WEWI_T2	1	2	1	0.8	0.75	-0.05	0	0	0	0	0	0	0	0	0
10/23/2023 10:24	56803 BENV_T1	2	4	2	0.4	0.8	0.4	0	0	0	0	0	0	0	0	0
10/23/2023 10:24	45902 AUBU_T1	2	3	1	0.8	0.9	0.1	0	0	0	1	1	0	600	600	0
10/23/2023 10:24	28604 BLYT_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/23/2023 10:24	29402 BELT_T1	1	3	2	8.1	2.9	-5.2	0	0	0	0	0	0	0	0	0
10/23/2023 10:25	56802 BENV_T2	1	6	5	1	0.42	-0.58	0	0	0	0	0	0	0	0	0
10/23/2023 10:25	61803 EELI_T2	1	1	0	0.1	0.4	0.3	0	0	0	0	0	0	0	0	0
10/23/2023 10:25	65003 NEFF_T2	0	2	2	0	0.1	0.1	0	0	0	0	0	0	0	0	0
10/23/2023 10:26	45902 AUBU_T1	2	3	1	0.8	0.9	0.1	0	0	0	1	1	0	600	600	0
10/23/2023 10:26	42701 AUGU_T1	0	1	1	0	0.2	0.2	0	0	0	0	0	0	0	0	0
10/23/2023 10:26	56801 BENV_T1	36	47	11	0.9	0.91	0.01	0	0	0	1	0	-1	600	0	-600
10/23/2023 10:26	17802 GILB_T1	1	2	1	0.6	0.7	0.1	0	0	0	0	0	0	0	0	0
10/23/2023 10:28	12701 MACU_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/23/2023 10:29	21901 HUMB_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/23/2023 10:29	43402 BENT_T1	0	1	1	0	0.3	0.3	0	0	0	2	1	-1	1500	900	-600
10/23/2023 10:30	52402 GRPA_T2	8	10	2	1.05	1.14	0.09	0	0	0	0	0	0	0	0	0
10/23/2023 10:31	58401 MORO_T1	0	3	3	0	0.3	0.3	0	0	0	0	0	0	0	0	0
10/23/2023 10:33	12701 MACU_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/23/2023 10:34	52402 GRPA_T2	8	10	2	1.05	1.14	0.09	0	0	0	0	0	0	0	0	0
10/23/2023 10:35	59101 WALK_T2	1	2	1	0	0.4	0.4	0	0	0	0	0	0	0	0	0
10/23/2023 10:36	65604 QVIL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/23/2023 10:38	59102 WALK_T2	2	6	4	0.1	0.4	0.3	0	0	0	0	0	0	0	0	0
10/23/2023 10:38	45902 AUBU_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/23/2023 10:39	59102 WALK_T2	2	6	4	0.1	0.4	0.3	0	0	0	0	0	0	0	0	0
10/23/2023 10:41	54505 ENOL_T2	1	1	0	1.1	1.2	0.1	0	0	0	0	0	0	0	0	0
10/23/2023 10:41	45702 LIND_T2	0	1	1	0	0.6	0.6	0	0	0	0	0	0	0	0	0
10/23/2023 10:42	56603 HAMP_T1	32	117	85	0.13	0.28	0.15	0	0	0	0	0	0	0	0	0
10/23/2023 10:42	53903 HALI_T2	2	6	4	1.4	0.57	-0.83	0	0	0	0	0	0	0	0	0
10/23/2023 10:43	46803 HEPB_T2	1	1	0	0.2	0.2	0	0	0	0	0	0	0	0	0	0
10/23/2023 10:44	54505 ENOL_T2	1	1	0	1.1	1.2	0.1	0	0	0	0	0	0	0	0	0
10/23/2023 10:44	46504 LOHA_T1	0	2	2	0	0.2	0.2	0	0	0	0	0	0	0	0	0
10/23/2023 10:46	13105 NHAM_T2	0	0	0	0	0	0	0	0	0	1	1	0	1200	1200	0
10/23/2023 10:48	41902 REED_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/23/2023 10:48	13302 ORVI_T2	2	6	4	0.7	0.55	-0.15	0	0	0	0	0	0	0	0	0
10/23/2023 10:49	66504 SMAN_T2	0	1	1	0	0.1	0.1	0	0	0	0	0	0	0	0	0
10/23/2023 10:49	13701 SCHN_T2	1	2	1	0.1	0.3	0.2	0	0	0	0	0	0	0	0	0
10/23/2023 10:50	46301 ROHR_T1	1	0	-1	0.1	0	-0.1	0

Appendix C - Grid Benefits Achieved in Each Instance of Active Management

10/23/2023 11:07	29401 BELT_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/23/2023 11:08	59102 WALK_T2	6	7	1	0.4	0.6	0.2	0	0	0	0	0	0	0	0
10/23/2023 11:08	56803 BENV_T1	4	4	0	0.9	0.95	0.05	0	0	0	0	0	0	0	0
10/23/2023 11:09	56801 BENV_T1	27	26	-1	0.55	0.53	-0.02	0	0	0	0	0	0	0	0
10/23/2023 11:09	56802 BENV_T2	5	6	1	0.52	0.48	-0.04	0	0	0	0	0	0	0	0
10/23/2023 11:09	29402 BELT_T1	2	6	4	4.25	1.85	-2.4	0	0	0	0	0	0	0	0
10/23/2023 11:10	56802 BENV_T2	5	6	1	0.52	0.48	-0.04	0	0	0	0	0	0	0	0
10/23/2023 11:10	56801 BENV_T1	27	26	-1	0.55	0.53	-0.02	0	0	0	0	0	0	0	0
10/23/2023 11:12	40101 HUNT_T2	0	1	1	0	0.4	0.4	0	0	0	1	1	0	300	300	0
10/23/2023 11:12	10805 CHHI_T2	3	11	8	2.73	1.84	-0.89	0	0	0	1	1	0	1200	1200	0
10/23/2023 11:13	54502 ENOL_T2	4	4	0	0.43	0.58	0.15	0	0	0	0	0	0	0	0	0
10/23/2023 11:14	54502 ENOL_T2	4	4	0	0.43	0.58	0.15	0	0	0	0	0	0	0	0	0
10/23/2023 11:14	63802 HEMP_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/23/2023 11:15	61202 REIN_T1	60	60	0	1.09	1.12	0.03	0	0	0	0	0	0	0	0	0
10/23/2023 11:18	58402 MORO_T1	0	0	0	0	0	0	0	0	0	2	2	0	1500	1500	0
10/23/2023 11:19	56504 ROCK_T2	0	2	2	0	0.25	0.25	0	0	0	0	0	0	0	0	0
10/23/2023 11:19	25801 SUTR_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/23/2023 11:21	59101 WALK_T2	2	3	1	1.2	0.9	-0.3	0	0	0	0	0	0	0	0	0
10/23/2023 11:21	56503 ROCK_T2	52	24	-28	0.15	0.16	0.01	0	0	0	0	0	0	0	0	0
10/23/2023 11:21	67503 WEWI_T2	0	2	2	0	0.15	0.15	0	0	0	0	0	0	0	0	0
10/23/2023 11:23	42701 AUGU_T1	3	3	0	0.2	0.37	0.17	0	0	0	2	2	0	1800	1800	0
10/23/2023 11:23	59102 WALK_T2	6	7	1	0.37	0.6	0.23	0	0	0	0	0	0	0	0	0
10/23/2023 11:23	15001 BLMO_T1	1	2	1	0.4	0.35	-0.05	0	0	0	0	0	0	0	0	0
10/23/2023 11:24	56801 BENV_T1	22	27	5	0.45	0.57	0.12	0	0	0	0	0	0	0	0	0
10/23/2023 11:24	45402 WBLO_T2	4	17	13	0.53	0.19	-0.34	0	0	0	0	0	0	0	0	0
10/23/2023 11:24	15001 BLMO_T1	1	2	1	0.4	0.35	-0.05	0	0	0	0	0	0	0	0	0
10/23/2023 11:25	54206 PENN_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/23/2023 11:25	15001 BLMO_T1	1	2	1	0.4	0.35	-0.05	0	0	0	0	0	0	0	0	0
10/23/2023 11:25	42701 AUGU_T1	3	3	0	0.2	0.37	0.17	0	0	0	2	2	0	1800	1800	0
10/23/2023 11:26	56803 BENV_T1	4	4	0	0.88	1	0.12	0	0	0	0	0	0	0	0	0
10/23/2023 11:26	15001 BLMO_T1	1	2	1	0.4	0.35	-0.05	0	0	0	0	0	0	0	0	0
10/23/2023 11:27	67502 WEWI_T2	3	4	1	0.57	0.6	0.03	0	0	0	0	0	0	0	0	0
10/23/2023 11:28	10805 CHHI_T2	11	11	0	1.11	1.03	-0.08	0	0	0	1	1	0	1200	1200	0
10/23/2023 11:31	39601 LNFD_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/23/2023 11:31	26401 INOR_T1	1	7	6	0.2	0.26	0.06	0	0	0	0	0	0	0	0	0
10/23/2023 11:32	56501 ROCK_T2	13	12	-1	0.25	0.24	-0.01	0	0	0	0	0	0	0	0	0
10/23/2023 11:33	65003 NEFF_T2	3	4	1	0.43	0.43	0	0	0	0	0	0	0	0	0	0
10/23/2023 11:34	65604 QVIL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/23/2023 11:35	14801 TREI_T2	12	29	17	0.29	0.23	-0.06	0	0	0	0	0	0	0	0	0
10/23/2023 11:35	46001 BERW_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/23/2023 11:36	65604 QVIL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/23/2023 11:36	54001 SDLE_T1	5	10	5	1.06	0.77	-0.29	0	0	0	0	0	0	0	0	0
10/23/2023 11:36	15103 UPHA_T2	1	1	0	0.2	0.5	0.3	0	0	0	0	0	0	0	0	0
10/23/2023 11:36	46001 BERW_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/23/2023 11:37	21901 HUMB_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/23/2023 11:37	14801 TREI_T2	12	29	17	0.29	0.23	-0.06	0	0	0	0	0	0	0	0	0
10/23/2023 11:37	16301 ALPA_T1	3	3	0	0.4	0.57	0.17	0	0	0	0	0	0	0	0	0
10/23/2023 11:37	66901 SHIL_T2	73	105	32	0.15	0.17	0.02	0	0	0	1	1	0	1200	1200	0
10/23/2023 11:37	54001 SDLE_T1	5	10	5	1.06	0.77	-0.29	0	0	0	0	0	0	0	0	0
10/23/2023 11:37	45902 AUBU_T1	3	3	0	0.8	0.67	-0.13	0	0	0	1	1	0	600	600	0
10/23/2023 11:38	29402 BELT_T1	6	6	0	1.85	1.63	-0.22	0	0	0	0	0	0	0	0	0
10/23/2023 11:38	54001 SDLE_T1	5	10	5	1.06	0.77	-0.29	0	0	0	0	0	0	0	0	0
10/23/2023 11:38	66701 STRA_T1	1	1	0	0.4	0.7	0.3	0	0	0	0	0	0	0	0	0
10/23/2023 11:39	44802 EDAN_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/23/2023 11:39	29402 BELT_T1	6	6	0	1.85	1.63	-0.22	0	0	0	0	0	0	0	0	0
10/23/2023 11:39	16301 ALPA_T1	3	3	0	0.4	0.57	0.17	0	0	0	0	0	0	0	0	0
10/23/2023 11:39	14802 TREI_T2	5	10	5	0.22	0.48	0.26	0	0	0	0	0	0	0	0	0
10/23/2023 11:40	56603 HAMP_T1	103	124	21	0.31	0.32	0.01	0	0	0	0	0	0	0	0	0
10/23/2023 11:40	45902 AUBU_T1	3	3	0	0.8	0.67	-0.13	0	0	0	1	1	0	600	600	0
10/23/2023 11:41	54502 ENOL_T2	4	5	1	0.53	0.46	-0.07	0	0	0	1	1	0	600	600	0
10/23/2023 11:41	54501 ENOL_T2	4	4	0	0.45	0.4	-0.05	0	0	0	1	1	0	600	600	0
10/23/2023 11:41	29403 BELT_T1	6	6	0	1.85	1.63	-0.22	0	0	0	0	0	0	0	0	0
10/23/2023 11:41	56603 HAMP_T1	103	124	21	0.31	0.32	0.01	0	0	0	0	0	0	0	0	0
10/23/2023 11:41	29401 BELT_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/23/2023 11:42	56603 HAMP_T1	103	124	21	0.31	0.32	0.01	0	0	0	0	0	0	0	0	0
10/23/2023 11:43	54501 ENOL_T2	4	4	0	0.45	0.4	-0.05	0	0	0	1	1	0	600	600	0
10/23/2023 11:44	26401 INOR_T1	1	7	6	0.2	0.26	0.06	0	0	0	0	0	0	0	0	0
10/23/2023 11:44	44802 EDAN_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/23/2023 11:44	54502 ENOL_T2	4	5	1	0.53	0.46	-0.07	0	0	0	1	1	0	600	600	0
10/23/2023 11:45	54504 ENOL_T2	2	2	0	0.55	0.45	-0.1	0	0	0	0	0	0	0	0	0
10/23/2023 11:45	42002 MNVL_T2	2	1	-1	2.25	4.9	2.65	0	0	0	0	0	0	0	0	0
10/23/2023 11:45	58401 MORO_T1	4	4	0	0.35	0.45	0.1	0	0	0	0	0	0	0	0	0
10/23/2023 11:46	64303 LINC_T1	0	1	1	0	0.3	0.3	0	0	0	0	0	0	0	0	0
10/23/2023 11:46	47402 PEN2_T1	1	2	1	0.1	0.2	0.1	0	0	0	0	0	0	0	0	0
10/23/2023 11:46	60501 NMAN_T2	3	4	1	3.97	3.35	-0.62	0	0	0	0	0	0	0	0	0
10/23/2023 11:47	59302 MCAL_T1	0	3	3	0	0.37	0.37	0	0	0	1	1	0	600	600	0
10/23/2023 11:47	52403 GRPA_T2	15	14	-1	0.36	0.39	0.03	0	0	0	0	0	0	0	0	0
10/23/2023 11:48	42802 SELI_T1	2	2	0	0.6	0.35	-0.25	0	0	0	0	0	0	0	0	0
10/23/2023 11:48	58402 MORO_T1	0	1	1	0	0.2	0.2	0	0	0	2	2	0	1500	1500	0
10/23/2023 11:48	54001 SDLE_T1	8	10	2	0.81	0.92	0.11	0	0	0	0	0	0	0	0	0
10/23/2023 11:49	52403 GRPA_T2	15	14	-1	0.36	0.39	0.03	0	0	0	0	0	0	0	0	0
10/23/2023 11:49	13105 NHAM_T2	0	1	1	0	0	0	0	0	0	1	1	0	1200	1200	0
10/23/2023 11:49	66703 STRA_T1	2	16	14	0.4	0.38	-0.02	0	0	0	0	0	0	0	0	0
10/23/2023 11:50	65604 QVIL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/23/2023 11:50	58402 MORO_T1	0	1	1	0	0.2	0.2	0	0	0	2	2	0	1500	1500	0
10/23/2023 11:50	46001 BERW_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/23/2023 11:51	52402 GRPA_T2	21	12	-9	0.88	1.19	0.31	0	0	0	0	0	0	0	0	0
10/23/2023 11:51	46001 BERW_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/23/2023 11:52	42201 SHEN_T2	0	0	0	0	0	0	0	0	0	1	1	0	600	600	0
10/23/2023 11:52	59101 WALK_T2	2	3	1	1.2	0.85	-0.35	0	0	0	0	0	0	0	0	0
10/23/2023 11:52	54001 SDLE_T1	8	10	2	0.81	0.92	0.11	0	0	0	0	0	0	0	0	0
10/23/2023 11:53	59102 WALK_T2	7	7	0	0.56	0.67	0.11	0	0	0	0	0	0	0	0	0
10/23/2023 11:53	54001 SDLE_T1	8	10	2	0.81	0.92	0.11	0	0	0	0	0	0	0	0	0
10/23/2023 11:53	16301 ALPA_T1	3	3	0	0.43	0.63	0.2	0	0	0	0	0	0	0	0	0
10/23/2023 11:53	44301 BEAV_T2	13	23	10	0.32	0.35	0.03	0	0	0	2	2	0	1500	1500	0
10/23/2023 11:54	59101 WALK_T2	2	3	1	1.2	0.85	-0.35	0	0	0	0	0	0	0	0	0
10/23/2023 11:54	16301 ALPA_T1	3	3	0	0.43	0.63	0.2	0	0	0	0	0	0	0	0	0
10/23/2023 11:54	42202 SHEN_T2	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0
10/23/2023 11:55	16301 ALPA_T1	3	3	0	0.43	0.63	0.2	0	0	0	0	0	0	0	0	0
10/23/2023 11:56	53501 EVIL_T2	10	10	0	1.08	1.22	0.14	0	0	0	2	1	-1	1500	600	-900
10/23/2023 11:56	52402 GRPA_T2	21	12	-9	0.88	1.19	0.31	0	0	0	0	0	0	0	0	0
10/23/2023 11:56	65604 QVIL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/23/2023 11:57	53501 EVIL_T2	10	10	0	1.08	1.22	0.14	0	0	0	2	1	-1	1500	600	-900
10/23/2023 11:59	53501 EVIL_T2	10	10	0	1.08	1.22	0.14	0	0	0	2	1	-1	1500	600	-900
10/23/2023 12:02	52401 GRPA_T2	5	6	1	0.46	0.35	-0.11	0	0	0	0	0	0	0	0	0
10/23/2023 12:03	59302 MCAL_T1	2	4	2	0.3	0.48	0.18	0	0	0	1	1	0	600	600	0
10/23/2023 12:03	54001 SDLE_T1	9	12	3	0.82	0.95	0.13	0	0	0	0	0	0	0	0	0
10/23/2023 12:03	52402 GRPA_T2	12	16	4	1.18	0.83	-0.35	0	0	0	0	0	0	0	0	0
10/23/2023 12:04	52403 GRPA_T2	14	8	-6	0.38	0.31	-0.07	0	0	0	0	0	0	0	0	0
10/23/2023 12:04	60604 NCOL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/23/2023 12:04	54001 SDLE_T1	9	12	3	0.82	0.95	0.13	0	0	0	0	0	0	0	0	0
10/23/2023 12:04	13105 NHAM_T2	1	0	-1	0.2	0	-0.2	0	0	0	1	1	0	1200	1200	0
10/23/2023 12:06	67002 STHI_T2	18	26	8	0.33	0.37	0.04	0	0	0	0	0	0	0	0	0
10/23/2023 12:06	52401 GRPA_T2	5	6	1	0.46	0.35	-0.11	0	0	0	0	0	0	0	0	0
10/23/2023 12:06	65604 QVIL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/23/2023 12:07	67001 STHI_T2	9	13	4	0.36	0.31	-0.05	0	0	0	0	0	0	0	0	0
10/23/2023 12:07	54001 SDLE_T1	9	12	3	0.82	0.95	0.13	0	0	0	0	0	0	0	0	0
10/23/2023 12:08	67001 STHI_T2	9	13	4	0.36	0.31	-0.05	0	0	0	0	0	0	0	0	0
10/23/2023 12:11	65604 QVIL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/23/2023 12:13	63803 HEMP_T1	5	3	-2	0.18	0.23	0.05	0	0	0	0	0	0	0	0	0
10/23/2023 12:13	54505 ENOL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/23/2023 12:20	46002 BERW_T2	1	1	0	0.3	0.6	0.3	0	0	0	0	0	0	0	0	0
10/23/2023 12:21	65601 QVIL_T2	12	11	-1	0.29	0.35	0.06	0	0	0	0	0	0	0	0	0
10/23/2023 12:21	51302 WIND_T2	1	2	1	0.3	0.15	-0.15	0	0	0	0	0	0	0	0	0
10/23/2023 12:22	51306 WIND_T2	2	2	0	0.2	0.3	0.1	0	0	0	0	0	0	0	0	0
10/23/2023 12:23	51304 WIND_T2	2	3	1	0.7	0.5	-0.2	0	0	0	0	0	0	0	0	0
10/23/2023 12:25	60101 COCA_T1	2	2	0	0.55	0.5	-0.05	0	0	0	0	0	0	0	0	0
10/23/2023 12:29	59302 MCAL_T1	3	4	1	0.37	0.48	0.11	0	0	0	1	1	0	600	600	0
10/23/2023 12:30	26402 INOR_T1	0	1	1	0	0.2	0.2	0	0	0	0	0	0	0	0	0
10/23/2023 12:31	13105 NHAM_T2	0	0	0	0	0	0	0	0	0	1	1	0	1200	1200	0
10/23/2023 12:31	58402 MORO_T1	0	0	0	0	0	0	0	0	0	2	2	0	1500	1500	0
10/23/2023 12:32	58402 MORO_T1	0	0	0	0	0	0	0	0	0	2	2	0	1500	1500	0
10/23/2023 12:32	59302 MCAL_T1	1	1	-3	0.48	0.2	-0.28	0	0	0	0	0	0	0	0	0
10/23/2023 12:35	58401 MORO_T1	4	4	0	0.55	0.38	-0.17	0	0	0	0	0	0	0	0	0
10/23/2023 12:37	16301 ALPA_T1	4	3	-1	0.45	0.57	0.12	0	0	0	0	0	0	0	0	0
10/23/2023 12:39	16301 ALPA_T1	4	3	-1	0.45	0.57	0.12	0	0	0	0	0	0	0	0	0
10/23/2023 12:40	16301 ALPA_T1	4	3	-1	0.45	0.57	0.12	0	0	0	0	0	0	0	0	0
10/23/2023 12:46	65005 NEFF_T2	1	1	0	1	0.9	-0.1	0	0	0	0	0	0	0	0	0
10/23/2023 12:49	47401 PENS_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/23/2023 12:50	65004 NEFF_T2	2	3	1	0.1	0.4	0.3	0	0	0	0	0	0	0	0	0
10/23/2023 12:50	52402 GRPA_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/23/2023 12:54	52402 GRPA_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/23/2023 13:00	65402 MARI_T1	3	3	0	0.33	0.4	0.07	0	0	0	0	0	0	0	0	0
10/23/2023 13:01	65303 NBRI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/23/2023 13:02	57304 MOAL_T2	59	37	-22	0.32	0.22	-0.1	0	0	0	0	0	0	0	0	0
10/23/2023 13:03	65402 MARI_T1	3	3	0	0.33	0.4	0.07	0	0	0	0	0	0	0	0	0
10/23/2023 13:03	65302 NBRI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/23/2023 13:05	60605 NCOL_T2	1	1	0	0.1	0.2	0.1	0	0	0	0	0	0	0	0	0
10/23/2023 13:06	59101 WALK_T2	1	5	4	0	0.78	0.78	0	0	0	0	0	0	0	0	0
10/23/2023 13:06	67401 WAKE_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/23/2023 13:07	59102 WALK_T2	0	3	3	0	0.33	0.33	0	0	0	0	0	0	0	0	0
10/23/2023 13:08	59101 WALK_T2	1	5	4	0	0.78	0.78	0	0	0	0	0	0	0	0	0
10/23/2023 13:09	56603 HAMP_T1	84	93	9	0.21	0.23	0.02	0	0	0	0	0	0	0	0	0
10/23/2023 13:09	59102 WALK_T2	0	3	3	0	0.33	0.33	0	0	0	0	0	0	0	0	0
10/23/2023 13:09	67001 STHI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/23/2023 13:13	54501 ENOL_T2	3	2	-1	0.17	0.2	0.03	0	0	0	0	0	0	0	0	0
10/23/2023 13:14	53501 EVIL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/23/2023 13:15	45802 HEGI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/23/2023 13:16	21606 EYNO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/23/2023 13:16	26402 INOR_T1	1	1	0	0.2	0.2	0	0	0	0	0	0	0	0	0	0
10/23/2023 13:16	64301 LINC_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/23/2023 13:17	53901 HAU_T2	2	2	0	0.5	0.45	-0.05	0	0	0	0	0	0	0	0	0
10/23/2023 13:20	46001 BERW_T1	0	2	2	0	0.4	0.4	0	0	0	0	0	0	0	0	0
10/23/2023 13:22	67401 WAKE_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/23/2023 13:24	42701 AUGU_T1	4	5	1	0.53	0.4	-0.13	0	0	0	0	0	0	0	0	0
10/23/2023 13:25	46005 BERW_T1	1	0	-1	0.1	0	-0.1	0	0	0	0	0	0	0	0	0
10/23/2023 13:27	54505 ENOL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/23/2023 13:28	45003 LIME_2	1	1	0	3.6	3.7	0.1	0	0	0	1	1	0	1200	1200	0
10/23/2023 13:29	12205 FOGE_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/23/2023 13:30	53501 EVIL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/23/2023 13:31	45802 HEGI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/23/2023 13:31	23301 JEFF_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/23/2023 13:32	13302 ORVI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/23/2023 13:32	26401 INOR_

10/23/2023 14:15	59301 MCAL_T1	2	14	12	0.55	0.45	-0.1	0	0	0	0	0	0	0
10/23/2023 14:16	64301 LINC_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
10/23/2023 14:17	58401 MORO_T1	2	3	1	0.5	0.17	-0.33	0	0	0	0	0	0	0
10/23/2023 14:18	14401 SSLA_T1	3	3	0	0.67	0.97	0.3	0	0	0	0	0	0	0
10/23/2023 14:19	58401 MORO_T1	2	3	1	0.5	0.17	-0.33	0	0	0	0	0	0	0
10/23/2023 14:19	67002 STHI_T2	45	146	101	0.36	0.19	-0.17	0	0	0	0	0	0	0
10/23/2023 14:20	52402 GRPA_T2	28	50	22	0.58	0.45	-0.13	0	0	0	0	0	0	0
10/23/2023 14:20	58402 MORO_T1	0	1	1	0	0.1	0.1	0	0	2	2	0	1500	1500
10/23/2023 14:21	52402 GRPA_T2	28	50	22	0.58	0.45	-0.13	0	0	0	0	0	0	0
10/23/2023 14:21	67001 STHI_T2	299	588	289	0.17	0.22	0.05	0	0	0	0	0	0	0
10/23/2023 14:21	52402 GRPA_T2	28	50	22	0.58	0.45	-0.13	0	0	0	0	0	0	0
10/23/2023 14:21	42202 SHEN_T2	0	1	1	0	0	0	0	0	0	0	0	0	0
10/23/2023 14:22	42701 AUGU_T1	3	3	0	0.57	0.6	0.03	0	0	2	2	0	1800	1800
10/23/2023 14:22	67002 STHI_T2	45	146	101	0.36	0.19	-0.17	0	0	0	0	0	0	0
10/23/2023 14:22	54001 SDLE_T1	12	12	0	0.94	1.09	0.15	0	0	0	0	0	0	0
10/23/2023 14:22	65604 QVIL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
10/23/2023 14:23	52403 GRPA_T2	9	15	6	0.32	0.46	0.14	0	0	0	0	0	0	0
10/23/2023 14:23	66902 SHIL_T2	39	98	59	0.11	0.14	0.03	0	0	0	0	0	0	0
10/23/2023 14:23	42701 AUGU_T1	3	3	0	0.57	0.6	0.03	0	0	4	4	0	3600	3600
10/23/2023 14:23	46001 BERW_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
10/23/2023 14:23	14403 SSLA_T1	3	2	-1	0.47	0.3	-0.17	0	0	0	0	0	0	0
10/23/2023 14:23	66703 STRA_T1	1	1	0	1	1	0	0	0	0	0	0	0	0
10/23/2023 14:23	59101 WALK_T2	1	1	0	0	0	0	0	0	0	0	0	0	0
10/23/2023 14:24	42701 AUGU_T1	3	3	0	0.57	0.6	0.03	0	0	2	2	0	1800	1800
10/23/2023 14:24	67001 STHI_T2	299	588	289	0.17	0.22	0.05	0	0	0	0	0	0	0
10/23/2023 14:24	67402 WAKE_T2	9	9	0	0.42	0.33	-0.09	0	0	0	0	0	0	0
10/23/2023 14:24	15103 UPHA_T2	2	2	0	0.4	0.45	0.05	0	0	0	0	0	0	0
10/23/2023 14:25	59101 WALK_T2	1	1	0	0	0	0	0	0	0	0	0	0	0
10/23/2023 14:25	54505 ENOL_T2	1	1	0	1.2	1.3	0.1	0	0	0	0	0	0	0
10/23/2023 14:25	46001 BERW_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
10/23/2023 14:25	46602 LACR_T1	4	6	2	0.53	0.4	-0.13	0	0	0	0	0	0	0
10/23/2023 14:25	21901 HUMB_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
10/23/2023 14:26	54505 ENOL_T2	1	1	0	1.2	1.3	0.1	0	0	0	0	0	0	0
10/23/2023 14:26	65601 QVIL_T2	12	45	33	0.23	0.16	-0.07	0	0	0	0	0	0	0
10/23/2023 14:26	54001 SDLE_T1	12	12	0	0.94	1.09	0.15	0	0	0	0	0	0	0
10/23/2023 14:26	53501 EVIL_T2	6	8	2	0.3	0.41	0.11	0	0	1	1	0	600	600
10/23/2023 14:27	54505 ENOL_T2	1	1	0	1.2	1.3	0.1	0	0	0	0	0	0	0
10/23/2023 14:27	53501 EVIL_T2	6	8	2	0.3	0.41	0.11	0	0	1	1	0	600	600
10/23/2023 14:28	54503 ENOL_T2	0	0	0	0	0	0	0	0	1	1	0	600	600
10/23/2023 14:28	45802 HEGI_T2	0	0	0	0	0	0	0	0	1	1	0	900	900
10/23/2023 14:28	56603 HAMP_T1	94	156	62	0.3	0.24	-0.06	0	0	0	0	0	0	0
10/23/2023 14:28	53501 EVIL_T2	6	8	2	0.3	0.41	0.11	0	0	1	1	0	600	600
10/23/2023 14:30	59301 MCAL_T1	6	15	9	0.47	0.46	-0.01	0	0	0	0	0	0	0
10/23/2023 14:31	64301 LINC_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
10/23/2023 14:31	53901 HALI_T2	3	3	0	0.4	0.47	0.07	0	0	0	0	0	0	0
10/23/2023 14:32	65003 NEFF_T2	22	112	90	0.26	0.18	-0.08	0	0	0	0	0	0	0
10/23/2023 14:32	65604 QVIL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
10/23/2023 14:32	46504 LOHA_T1	2	47	45	0.95	0.47	-0.48	0	0	0	0	0	0	0
10/23/2023 14:32	13105 NHAM_T2	0	0	0	0	0	0	0	0	1	1	0	1200	1200
10/23/2023 14:33	58401 MORO_T1	2	2	0	0.1	0.3	0.2	0	0	0	0	0	0	0
10/23/2023 14:33	13302 ORVI_T2	2	4	2	0.5	0.48	-0.02	0	0	0	0	0	0	0
10/23/2023 14:34	54505 ENOL_T2	1	1	0	1.2	1.3	0.1	0	0	0	0	0	0	0
10/23/2023 14:34	13704 SCHN_T2	2	5	3	0.15	0.22	0.07	0	0	0	0	0	0	0
10/23/2023 14:34	49804 UNIV_T1	1	1	0	0.1	0.2	0.1	0	0	0	0	0	0	0
10/23/2023 14:34	52401 GRPA_T2	3	5	2	0.67	0.56	-0.11	0	0	0	0	0	0	0
10/23/2023 14:34	41902 REID_T1	3	1	-2	0.13	0.1	-0.03	0	0	0	0	0	0	0
10/23/2023 14:34	58402 MORO_T1	0	1	1	0	0.1	0.1	0	0	2	2	0	1500	1500
10/23/2023 14:34	13503 MCMI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
10/23/2023 14:34	54501 ENOL_T2	4	4	0	0.35	0.53	0.18	0	0	1	1	0	600	600
10/23/2023 14:34	67002 STHI_T2	48	144	96	0.31	0.19	-0.12	0	0	0	0	0	0	0
10/23/2023 14:35	56503 ROCK_T2	46	138	92	0.16	0.17	0.01	0	0	0	0	0	0	0
10/23/2023 14:35	67001 STHI_T2	434	582	148	0.15	0.22	0.07	0	0	0	0	0	0	0
10/23/2023 14:35	13704 SCHN_T2	2	5	3	0.15	0.22	0.07	0	0	0	0	0	0	0
10/23/2023 14:36	65601 QVIL_T2	23	41	18	0.21	0.17	-0.04	0	0	0	0	0	0	0
10/23/2023 14:36	16302 ALPA_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
10/23/2023 14:36	21901 HUMB_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
10/23/2023 14:36	54001 SDLE_T1	11	11	0	1.1	1.12	0.02	0	0	0	0	0	0	0
10/23/2023 14:37	13701 SCHN_T2	6	3	-3	0.33	0.43	0.1	0	0	0	0	0	0	0
10/23/2023 14:37	56501 ROCK_T2	12	30	18	0.38	0.26	-0.12	0	0	0	0	0	0	0
10/23/2023 14:37	42201 SHEN_T2	1	1	0	0.3	0.7	0.4	0	0	1	1	0	600	600
10/23/2023 14:37	67001 STHI_T2	434	582	148	0.15	0.22	0.07	0	0	0	0	0	0	0
10/23/2023 14:37	27502 WEIS_T2	3	3	0	0.27	0.2	-0.07	0	0	0	0	0	0	0
10/23/2023 14:37	29402 BELT_T1	3	3	0	2.97	2.93	-0.04	0	0	0	0	0	0	0
10/23/2023 14:38	54001 SDLE_T1	11	11	0	1.1	1.12	0.02	0	0	0	0	0	0	0
10/23/2023 14:38	59101 WALK_T2	1	1	0	0	0	0	0	0	0	0	0	0	0
10/23/2023 14:38	47802 MOCA_T2	1	1	0	0.5	0.6	0.1	0	0	0	0	0	0	0
10/23/2023 14:39	67402 WAKE_T2	9	9	0	0.32	0.31	-0.01	0	0	0	0	0	0	0
10/23/2023 14:39	66902 SHIL_T2	24	98	74	0.12	0.14	0.02	0	0	0	0	0	0	0
10/23/2023 14:39	29401 BELT_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
10/23/2023 14:39	29402 BELT_T1	3	3	0	2.97	2.93	-0.04	0	0	0	0	0	0	0
10/23/2023 14:39	66703 STRA_T1	3	2	-1	0.3	0.35	0.05	0	0	0	0	0	0	0
10/23/2023 14:39	16302 ALPA_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
10/23/2023 14:40	59101 WALK_T2	1	1	0	0	0	0	0	0	0	0	0	0	0
10/23/2023 14:40	15103 UPHA_T2	2	2	0	0.4	0.45	0.05	0	0	0	0	0	0	0
10/23/2023 14:40	54504 ENOL_T2	1	1	0	0.2	0.1	-0.1	0	0	0	0	0	0	0
10/23/2023 14:40	67401 WAKE_T2	180	223	43	0.26	0.28	0.02	0	0	0	0	0	0	0
10/23/2023 14:40	16302 ALPA_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
10/23/2023 14:41	54504 ENOL_T2	1	1	0	0.2	0.1	-0.1	0	0	0	0	0	0	0
10/23/2023 14:41	15001 BLMO_T1	2	2	0	0.3	0.3	0	0	0	0	0	0	0	0
10/23/2023 14:41	52401 GRPA_T2	3	5	2	0.67	0.56	-0.11	0	0	0	0	0	0	0
10/23/2023 14:41	66502 SMAN_T2	1	5	4	0.1	0.22	0.12	0	0	0	0	0	0	0
10/23/2023 14:41	56603 HAMP_T1	116	156	40	0.24	0.24	0	0	0	0	0	0	0	0
10/23/2023 14:41	53501 EVIL_T2	4	9	5	0.5	0.52	0.02	0	0	1	1	0	600	600
10/23/2023 14:42	54504 ENOL_T2	1	1	0	0.2	0.1	-0.1	0	0	0	0	0	0	0
10/23/2023 14:42	10805 CHHI_T2	1	1	0	7.3	7.3	0	0	0	1	1	0	1200	1200
10/23/2023 14:42	29402 BELT_T1	3	3	0	2.97	2.93	-0.04	0	0	0	0	0	0	0
10/23/2023 14:42	53501 EVIL_T2	4	9	5	0.5	0.52	0.02	0	0	1	1	0	600	600
10/23/2023 14:42	44802 EDAN_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
10/23/2023 14:43	41801 GOCI_T2	3	6	3	0.37	0.4	0.03	0	0	0	0	0	0	0
10/23/2023 14:43	44802 EDAN_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
10/23/2023 14:44	54504 ENOL_T2	1	1	0	0.2	0.1	-0.1	0	0	0	0	0	0	0
10/23/2023 14:44	42902 MIDD_T2	3	5	2	0.83	0.6	-0.23	0	0	1	1	0	600	600
10/23/2023 14:44	56603 HAMP_T1	116	156	40	0.24	0.24	0	0	0	0	0	0	0	0
10/23/2023 14:44	45802 HEGI_T2	0	0	0	0	0	0	0	0	1	1	0	900	900
10/23/2023 14:44	15603 NSTR_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
10/23/2023 14:44	53501 EVIL_T2	4	9	5	0.5	0.52	0.02	0	0	1	1	0	600	600
10/23/2023 14:44	67605 WARW_T1	15	20	5	0.33	0.5	0.17	0	0	0	0	0	0	0
10/23/2023 14:45	42902 MIDD_T2	5	2	-3	0.6	1.1	0.5	0	0	0	0	0	0	0
10/23/2023 14:46	59301 MCAL_T1	14	14	0	0.45	0.53	0.08	0	0	0	0	0	0	0
10/23/2023 14:47	42903 MIDD_T2	0	0	0	0	0	0	0	0	1	1	0	1200	1200
10/23/2023 14:47	57304 MOAI_T2	56	47	-9	0.34	0.33	-0.01	0	0	0	0	0	0	0
10/23/2023 14:47	42903 MIDD_T2	0	0	0	0	0	0	0	0	1	1	0	1200	1200
10/23/2023 14:47	65004 NEFF_T2	6	2	-4	0.23	0.15	-0.08	0	0	0	0	0	0	0
10/23/2023 14:48	13105 NHAM_T2	0	0	0	0	0	0	0	0	1	1	0	1200	1200
10/23/2023 14:48	58401 MORO_T1	2	2	0	0.2	0.35	0.15	0	0	0	0	0	0	0
10/23/2023 14:49	60502 NMAN_T2	3	1	-2	0.2	0.1	-0.1	0	0	0	0	0	0	0
10/23/2023 14:49	42002 MNVL_T2	1	1	0	4.6	4.8	0.2	0	0	0	0	0	0	0
10/23/2023 14:49	54701 NEBL_T1	6	6	0	0.5	0.3	-0.2	0	0	1	1	0	600	600
10/23/2023 14:50	58401 MORO_T1	2	2	0	0.2	0.35	0.15	0	0	0	0	0	0	0
10/23/2023 14:50	56504 ROCK_T2	3	2	-1	0.37	0.2	-0.17	0	0	0	0	0	0	0
10/23/2023 14:50	53901 HALI_T2	2	3	1	0.55	0.47	-0.08	0	0	0	0	0	0	0
10/23/2023 14:50	60502 NMAN_T2	3	1	-2	0.2	0.1	-0.1	0	0	0	0	0	0	0
10/23/2023 14:50	26401 INOR_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
10/23/2023 14:50	49804 UNIV_T1	1	1	0	0.1	0.2	0.1	0	0	0	0	0	0	0
10/23/2023 14:51	59101 WALK_T2	1	1	0	0	0.9	0.9	0	0	0	0	0	0	0
10/23/2023 14:53	42701 AUGU_T1	3	1	-2	0.57	0.1	-0.47	0	0	2	2	0	1800	1800
10/23/2023 14:53	15001 BLMO_T1	1	2	1	0.4	0.3	-0.1	0	0	0	0	0	0	0
10/23/2023 14:55	54502 ENOL_T2	0	2	2	0	0.3	0.3	0	0	0	0	0	0	0
10/23/2023 14:55	42701 AUGU_T1	3	1	-2	0.57	0.1	-0.47	0	0	2	2	0	1800	1800
10/23/2023 14:55	46602 LACR_T1	4	2	-2	0.58	0.25	-0.33	0	0	0	0	0	0	0
10/23/2023 14:56	41901 REED_T1	4	7	3	0.3	0.26	-0.04	0	0	0	0	0	0	0
10/23/2023 14:56	15001 BLMO_T1	1	2	1	0.4	0.3	-0.1	0	0	0	0	0	0	0
10/23/2023 14:57	42701 AUGU_T1	3	1	-2	0.57	0.1	-0.47	0	0	2	2	0	1800	1800
10/23/2023 14:59	54501 ENOL_T2	4	4	0	0.43	0.55	0.12	0	0	1	1	0	600	600
10/23/2023 14:59	45802 HEGI_T2	0	0	0	0	0	0	0	0	1	1	0	900	900
10/23/2023 15:01	56603 HAMP_T1	144	109	-35	0.21	0.34	0.13	0	0	0	0	0	0	0
10/23/2023 15:01	64301 LINC_T1	0	1	1	0	0	0	0	0	0	0	0	0	0
10/23/2023 15:02	59001 MIFF_T1	1	2	1	0.7	0.5	-0.2	0	0	0	0	0	0	0
10/23/2023 15:03	42201 SHEN_T2	0	0	0	0	0	0	0	0	1	1	0	600	600
10/23/2023 15:04	13701 SCHN_T2	3	2	-1	0.43	0.45	0.02	0	0	0	0	0	0	0
10/23/2023 15:05	13704 SCHN_T2	5	5	0	0.22	0.2	-0.02	0	0	0	0	0	0	0
10/23/2023 15:06	26402 INOR_T1	0	1	1	0	0.1	0.1	0	0	0	0	0	0	0
10/23/2023 15:06	13704 SCHN_T2	5	5	0	0.22	0.2	-0.02	0	0	0	0	0	0	0
10/23/2023 15:06	67502 WEWI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
10/23/2023 15:06	42701 AUGU_T1	0	1	1	0	0.1	0.1	0	0	2	2	0	1800	1800
10/23/2023 15:07	16301 ALPA_T1	6	5	-1	0.27	0.24	-0.03	0	0	0	0	0	0	0
10/23/2023 15:07	45902 AUBU_T1	1	1	0	1.3	1.1	-0.2	0	0	1	1	0	600	600
10/23/2023 15:08	59101 WALK_T2	1	3	2	0	0.9	0.9	0	0	1	1	0	600	600
10/23/2023 15:08	16301 ALPA_T1	6	5	-1	0.27	0.24	-0.03	0	0	0	0	0	0	0
10/23/2023 15:09	16301 ALPA_T1	6	5	-1	0.27	0.24	-0.03	0	0	0	0	0	0	0
10/23/2023 15:10	45902 AUBU_T1	1	1	0	1.3	1.1	-0.2	0	0	1	1	0	600	600
10/23/2023 15:10	61303 EARL_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
10/23/2023 15:11	15001 BLMO_T1	2	2	0	0.3	0.25	-0.05	0	0	0	0	0	0	0
10/23/2023 15:13	20401 ASHF_T2	1	4	3	0.1	0.15	0.05	0	0	0	0	0	0	0
10/23/2023 15:13	40101 HUNT_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
10/23/2023 15:14	46504 LOHA_T1	47	47	0	0.47	0.43	-0.04	0	0	0	0	0	0	0
10/23/2023 15:15	13503 MCMI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
10/23/2023 15:19	67605 WARW_T1	17	18	1	0.51	0.56	0.05	0	0	0	0	0	0	0
10/23/2023 15:20	13606 RICH_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
10/23/2023 15:22	10602 BLGL_T2	1	1	0	0.2	0.5	0.3	0	0	0	0	0	0	0
10/23/2023 15:24	15001 BLMO_T1	2	1	-1	0.15	0.4	0.25	0	0	0	0	0	0	0
10/23/2023 15:30	46504 LOHA_T1	42	47	5	0.4	0.38	-0.02	0	0	0	0	0	0	0
10/23/2023 15:36	64101 REFR_T1	3	1	-2	0.53	0.4	-0.13	0	0	0	0	0	0	0
10/23/2023 15:37	66703 STRA_T1	6	3	-3	0.25	0.13	-0.12	0	0	0	0	0	0	0
10/23/2023 15:39	59201 THOM_T1	1	0	-1	0.1	0	-0.1	0	0	0	0	0	0	0
10/23/2023 15:44	45001 LIME_2	19	28	9	0.25	0.35	0.1	0	0	0	0	0	0	0
10/23/2023 15:45	46501 LOHA_T1	1	1	0	1.3	1	-0.3	0	0	0	0	0	0	0
10/23/2023 15:46	46504 LOHA_T1	34	47	13	0.27	0.38	0.11	0	0	0	0	0	0	0
10/23/2023 15:50	26401 INOR_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
10/23/2023 15:51	43304 WATS_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
10/23/2023 15:52	43301 WATS_T2	1	1	0	0.9	1	0.1	0	0	0	0	0	0	0
10/23/2023 15:54	43301 WATS_T2	1	1	0	0.9	1	0.1	0	0	0	0	0	0	0
10/23/2023 15:55	43304 WATS_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
10/23/2023 16:00	58402 MORO_T1	0	0	0	0	0	0	0	0	2	2	0	1500	1500
10/23/2023 16:01	24104 EHAZ_T1	225	209	-16	0.37	0.4	0.03	0	0	1	1	0	1200	1200
10/23/2023 16:02	40902 JESH_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
10/23/2023 16:08	59101 WALK_T2	2	3	1	1.5	0	-1.5	0	0	0	0	0	0	0
10/23/2023 16:08	67502 WEWI_T2	99	67	-32	0.19	0.16	-0.03	0	0	0	0	0	0	0
10/23/2023 16:11	67502 WEWI_T2	99	67	-32	0.19	0.16	-0.03	0	0	0	0	0	0	0
10/23/2023 16:13	54502 ENOL_T2	1	0	-1	0.2	0	-0.2	0	0	0	0	0	0	0
10/23/2023 16:19	67203 TEHI_T1	0	0	0	0	0	0	0	0	1	1	0	600	600
10/23/2023 16:26	24902 WHHA_T1	3	0	-3	0.13	0	-0.13	0	0	0	0	0	0	0
10/23/2023 16:42	44301 BEAV_T2	0	0	0	0	0	0	0	0	1	1	0	600	600
10/23/2023 17:01	45802 HEGI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
10/23/2023 17:08	59101 WALK_T2	1	1	0	0	0	0	0	0	0	0	0	0	0
10/23/2023 17:23	43402 BENT_T1	0	0	0	0	0	0	0	0	1	1	0	900	900
10/23/2023 17:58	45802 HEGI_T2	0	0	0	0	0	0	0	0	1	1	0	900	900
10/23/2023 18:45	61202 REIN_T1	50	48	-2	0.38	0.34	-0.04	0	0	0	0	0	0	0
10/23/2023 18:47	65001 NEFF_T2	0	0	0	0	0	0	0	0	1	1	0	1200

Appendix C - Grid Benefits Achieved in Each Instance of Active Management

10/23/2023 19:26	52501 PROG_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/23/2023 19:26	53501 EVIL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/23/2023 19:26	41902 REED_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/23/2023 19:26	46203 DANV_T2	1	4	3	0.1	0.18	0.08	0	0	0	0	0	0	0	0
10/23/2023 19:27	60801 BUCK_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/23/2023 19:27	67001 STHI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/23/2023 19:27	40602 PIGR_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/23/2023 19:27	66502 SMAN_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/23/2023 19:28	45802 HEGI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/23/2023 19:28	42902 MIDD_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/23/2023 19:28	61303 EARL_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/23/2023 19:28	53903 HALI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/23/2023 19:28	59102 WALK_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/23/2023 19:29	56802 BENV_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/23/2023 19:29	45402 WILO_T2	33	37	4	0.19	0.23	0.04	0	0	0	0	0	0	0	0
10/23/2023 19:30	56802 BENV_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/23/2023 19:31	42902 MIDD_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/23/2023 19:31	54701 NEBL_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/23/2023 19:35	51201 MTON_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/23/2023 19:40	60801 BUCK_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/23/2023 20:03	13606 RICH_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/23/2023 20:05	10602 BLGL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/23/2023 20:08	16301 ALPA_T1	1	1	0	0.4	0.3	-0.1	0	0	0	0	0	0	0	0
10/23/2023 20:08	17805 GILB_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/23/2023 20:10	65604 QVIL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/23/2023 20:10	29402 BELT_T1	1	1	0	7.7	7.6	-0.1	0	0	0	0	0	0	0	0
10/23/2023 20:10	61303 EARL_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/23/2023 20:12	10805 CHHI_T2	1	1	0	7.8	7.6	-0.2	0	0	0	0	0	0	0	0
10/23/2023 20:13	27502 WEIS_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/23/2023 20:14	46001 BERW_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/23/2023 20:14	47802 MOCA_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/23/2023 20:15	67002 STHI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/23/2023 20:15	17802 GILB_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/23/2023 20:15	16302 ALPA_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/23/2023 20:15	29402 BELT_T1	1	1	0	7.4	7.6	0.2	0	0	0	0	0	0	0	0
10/23/2023 20:16	61303 EARL_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/23/2023 20:16	24902 WHHA_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/23/2023 20:16	16301 ALPA_T1	1	1	0	0.3	0.4	0.1	0	0	0	0	0	0	0	0
10/23/2023 20:16	66505 SMAN_T2	3	3	0	0.37	1.27	0.9	0	0	0	2	2	0	1100	1100
10/23/2023 20:16	15001 BLMO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/23/2023 20:17	45902 AUBU_T1	0	0	0	0	0	0	0	0	1	1	0	600	600	0
10/23/2023 20:17	59202 THOM_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/23/2023 20:17	67204 TEHI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/23/2023 20:17	21901 HUMB_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/23/2023 20:17	54701 NEBL_T1	0	0	0	0	0	0	0	0	1	1	0	600	600	0
10/23/2023 20:17	16302 ALPA_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/23/2023 20:17	29402 BELT_T1	1	1	0	7.4	7.6	0.2	0	0	0	0	0	0	0	0
10/23/2023 20:18	15001 BLMO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/23/2023 20:18	67002 STHI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/23/2023 20:18	66504 SMAN_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/23/2023 20:18	20401 ASHF_T2	5	8	3	0.16	0.23	0.07	0	0	0	0	0	0	0	0
10/23/2023 20:18	64101 REFR_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/23/2023 20:18	56802 BENV_T2	1	1	0	1	1.3	0.3	0	0	0	0	0	0	0	0
10/23/2023 20:18	28601 BLYT_T2	0	1	1	0	0	0	0	0	0	0	0	0	0	0
10/23/2023 20:18	54505 ENOL_T2	1	1	0	0.5	0.7	0.2	0	0	0	0	0	0	0	0
10/23/2023 20:19	44601 SALE_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/23/2023 20:19	60801 BUCK_T1	19	37	18	0.18	0.22	0.04	0	0	0	0	0	0	0	0
10/23/2023 20:19	54001 SDLE_T1	1	1	0	1.4	1.3	-0.1	0	0	1	1	0	600	600	0
10/23/2023 20:19	60803 BUCK_T1	10	15	5	0.23	0.36	0.13	0	0	1	1	0	600	600	0
10/23/2023 20:19	10801 CHHI_T1	0	0	0	0	0	0	0	0	1	1	0	900	900	0
10/23/2023 20:19	65604 QVIL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/23/2023 20:19	54505 ENOL_T2	1	1	0	0.5	0.7	0.2	0	0	0	0	0	0	0	0
10/23/2023 20:19	45902 AUBU_T1	0	0	0	0	0	0	0	0	2	2	0	1200	1200	0
10/23/2023 20:19	67002 STHI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/23/2023 20:19	13704 SCHN_T2	0	1	1	0	0.1	0.1	0	0	0	0	0	0	0	0
10/23/2023 20:20	56802 BENV_T2	1	1	0	1	1.3	0.3	0	0	0	0	0	0	0	0
10/23/2023 20:20	41902 REED_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/23/2023 20:20	29401 BELT_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/23/2023 20:20	56603 HAMP_T1	0	7	7	0	0.1	0.1	0	0	0	0	0	0	0	0
10/23/2023 20:20	53903 HALI_T2	2	2	0	0.9	1.15	0.25	0	0	0	0	0	0	0	0
10/23/2023 20:21	67502 WEWI_T2	16	133	117	0.14	0.19	0.05	0	0	0	1	1	0	900	900
10/23/2023 20:21	67001 STHI_T2	0	89	89	0	0.13	0.13	0	0	0	0	0	0	0	0
10/23/2023 20:21	16302 ALPA_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/23/2023 20:21	52502 PROG_T2	0	0	0	0	0	0	0	0	1	1	0	900	900	0
10/23/2023 20:21	43401 BENT_T1	0	1	1	0	0.2	0.2	0	0	0	0	0	0	0	0
10/23/2023 20:21	67605 WARW_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/23/2023 20:21	64301 LINC_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/23/2023 20:21	66901 SHIL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/23/2023 20:22	59302 MCAL_T1	1	1	0	0.7	0.7	0	0	0	0	0	0	0	0	0
10/23/2023 20:22	52401 GRPA_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/23/2023 20:22	56501 ROCK_T2	0	5	5	0	0.14	0.14	0	0	0	0	0	0	0	0
10/23/2023 20:22	44301 BEAV_T2	0	0	0	0	0	0	0	0	1	1	0	600	600	0
10/23/2023 20:22	16301 ALPA_T1	1	1	0	0.3	0.4	0.1	0	0	0	0	0	0	0	0
10/23/2023 20:22	17804 GILB_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/23/2023 20:22	45003 LIME_2	1	1	0	3.3	3.7	0.4	0	0	1	1	0	1200	1200	0
10/23/2023 20:22	15001 BLMO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/23/2023 20:23	56501 ROCK_T2	0	5	5	0	0.14	0.14	0	0	0	0	0	0	0	0
10/23/2023 20:23	46803 HEPB_T2	2	2	0	0.3	0.5	0.2	0	0	0	0	0	0	0	0
10/23/2023 20:23	42201 SHEN_T2	0	0	0	0	0	0	0	0	1	1	0	600	600	0
10/23/2023 20:23	46803 HEPB_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/23/2023 20:23	43201 MVIL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/23/2023 20:24	10805 CHHI_T2	1	1	0	7.7	7.6	-0.1	0	0	0	0	0	0	0	0
10/23/2023 20:24	56501 ROCK_T2	0	5	5	0	0.14	0.14	0	0	0	0	0	0	0	0
10/23/2023 20:24	64101 REFR_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/23/2023 20:24	43202 MVIL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/23/2023 20:24	15001 BLMO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/23/2023 20:24	62604 ENGL_T1	0	0	0	0	0	0	0	0	1	1	0	600	600	0
10/23/2023 20:24	53501 EVIL_T2	0	0	0	0	0	0	0	0	1	1	0	600	600	0
10/23/2023 20:24	58302 NOTT_T1	0	0	0	0	0	0	0	0	1	1	0	1200	1200	0
10/23/2023 20:24	29401 BELT_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/23/2023 20:24	45402 WILO_T2	41	41	0	0.3	0.28	-0.02	0	0	0	0	0	0	0	0
10/23/2023 20:24	52502 PROG_T2	0	0	0	0	0	0	0	0	1	1	0	900	900	0
10/23/2023 20:25	15103 UPHA_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/23/2023 20:25	42903 MIDD_T2	2	2	0	0.4	0.85	0.45	0	0	0	0	0	0	0	0
10/23/2023 20:25	12701 MACU_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/23/2023 20:25	56802 BENV_T2	1	1	0	1	1.3	0.3	0	0	0	0	0	0	0	0
10/23/2023 20:26	52401 GRPA_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/23/2023 20:26	56603 HAMP_T1	0	7	7	0	0.1	0.1	0	0	0	0	0	0	0	0
10/23/2023 20:26	60502 NMAN_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/23/2023 20:26	67203 TEHI_T1	0	0	0	0	0	0	0	0	1	1	0	600	600	0
10/23/2023 20:26	64101 REFR_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/23/2023 20:26	54505 ENOL_T2	1	1	0	0.5	0.7	0.2	0	0	0	0	0	0	0	0
10/23/2023 20:26	41801 GOCI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/23/2023 20:26	41901 REED_T1	11	11	0	0.51	0.61	0.1	0	0	1	1	0	900	900	0
10/23/2023 20:26	42903 MIDD_T2	2	2	0	0.4	0.85	0.45	0	0	1	1	0	1200	1200	0
10/23/2023 20:27	54505 ENOL_T2	1	1	0	0.5	0.7	0.2	0	0	0	0	0	0	0	0
10/23/2023 20:28	41901 REED_T1	11	11	0	0.51	0.61	0.1	0	0	0	0	0	0	0	0
10/23/2023 20:28	59003 MIFF_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/23/2023 20:28	54505 ENOL_T2	1	1	0	0.5	0.7	0.2	0	0	0	0	0	0	0	0
10/23/2023 20:28	66504 SMAN_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/23/2023 20:28	43304 WATS_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/23/2023 20:28	13105 NHAM_T2	0	0	0	0	0	0	0	0	1	1	0	1200	1200	0
10/23/2023 20:28	40101 HUNT_T2	5	3	-2	0.28	0	-0.28	0	0	0	0	0	0	0	0
10/23/2023 20:28	54001 SDLE_T1	1	1	0	1.4	1.3	-0.1	0	0	1	1	0	600	600	0
10/23/2023 20:29	56801 BENV_T1	3	4	1	0.47	0.88	0.41	0	0	1	1	0	600	600	0
10/23/2023 20:30	43302 WATS_T2	0	1	1	0	0.1	0.1	0	0	0	0	0	0	0	0
10/23/2023 20:30	64101 REFR_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/23/2023 20:30	56802 BENV_T2	1	1	0	0.9	1.3	0.4	0	0	0	0	0	0	0	0
10/23/2023 20:31	67502 WEWI_T2	34	131	97	0.14	0.19	0.05	0	0	0	1	1	0	900	900
10/23/2023 20:31	49803 UNIV_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/23/2023 20:31	54501 ENOL_T2	0	2	2	0	0.1	0.1	0	0	0	0	0	0	0	0
10/23/2023 20:32	64101 REFR_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/23/2023 20:32	56802 BENV_T2	1	1	0	0.9	1.3	0.4	0	0	0	0	0	0	0	0
10/23/2023 20:33	52403 GRPA_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/23/2023 20:33	56504 ROCK_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/23/2023 20:34	53903 HALI_T2	2	2	0	0.95	1.25	0.3	0	0	0	0	0	0	0	0
10/23/2023 20:50	12701 MACU_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/23/2023 21:26	67001 STHI_T2	16	64	48	0.1	0.11	0.01	0	0	0	0	0	0	0	0
10/24/2023 0:28	52502 PROG_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/24/2023 0:28	67502 WEWI_T2	0	0	0	0	0	0	0	0	0	3	3	0	2700	2700
10/24/2023 0:28	56801 BENV_T1	24	20	-4	0.46	0.45	-0.01	0	0	3	3	0	1800	1800	0
10/24/2023 0:28	43304 WATS_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/24/2023 0:28	46504 LOHA_T1	2	2	0	1.45	1.3	-0.15	0	0	0	0	0	0	0	0
10/24/2023 0:28	13704 SCHN_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/24/2023 0:28	12701 MACU_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/24/2023 0:28	45003 LIME_2	14	29	15	0.12	0.21	0.09	0	0	0	0	0	0	0	0
10/24/2023 0:28	46506 LOHA_T1	1	1	0	0.1	0.1	0	0	0	0	0	0	0	0	0
10/24/2023 0:28	67503 WEWI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/24/2023 0:28	66703 STRA_T1	3	4	1	0.17	0.28	0.11	0	0	0	0	0	0	0	0
10/24/2023 0:28	45702 LIND_T2	1	1	0	0.4	0.5	0.1	0	0	0	0	0	0	0	0
10/24/2023 0:28	28403 HART_T2	0	0	0	0	0	0	0	0	2	2	0	1800	1800	0
10/24/2023 0:28	67204 TEHI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/24/2023 0:28	42002 MNVL_T2	1	1	0	3.6	3.6	0	0	0	0	0	0	0	0	0
10/24/2023 0:28	57303 MOAL_T2	1	1	0	7.2	7.2	0	0	0	0	0	0	0	0	0
10/24/2023 0:28	42802 SELI_T1	1	0	-1	1.1	0	-1.1	0	0	0	0	0	0	0	0
10/24/2023 0:28	66502 SMAN_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/24/2023 0:28	59301 MCAL_T1	186	179	-7	0.66	0.66	0	0	0	0	0	0	0	0	0
10/24/2023 0:28	46203 DANV_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/24/2023 0:28	56503 ROCK_T2	0	19	19	0	0.12	0.12	0	0	0	0	0	0	0	0
10/24/2023 0:28	49803 UNIV_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/24/2023 0:28	42201 SHEN_T2	0	0	0	0	0	0	0	0	1	1	0	600	600	0
10/24/2023 0:28	54503 ENOL_T2	0	0	0	0	0	0	0	0	1	1	0	600	600	0
10/24/2023 0:28	61202 REIN_T1	61	61	0	1.3	1.51	0.21	0	0	0	0	0	0	0	0
10/24/2023 0:28	64802 MONE_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/24/2023 0:28	52004 LING_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/24/2023 0:28	44601 SALE_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/24/2023 0:28	15001 BLMO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/24/2023 0:28	46801 HEPB_T2	0	2	2	0	0.3	0.3	0	0	0	0	0	0	0	0
10/24/2023 0:28	26401 INOR_T1	2	1	-1	0.15	0.1	-0.05	0	0	0	0	0	0	0	0
10/24/2023 0:28	46602 LACR_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/24/2023 0:28	41901 REED_T1	0	2	2	0	0.15	0.15	0	0	0	0	0	0	0	0
10/24/2023 0:28	53501 EVIL_T2	8	3	-5	0.39	0.6	0.21	0	0	0	0	0	0	0	0
10/24/2023 0:28	46001 BERW_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/24/2023 0:28	60801 BUCK_T1	16	43	27	0.13	0.23	0.1	0	0	0	0	0	0	0	0
10/24/2023 0:28	13503 MCMI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/24/2023 0:28	44801 EDAN_T2	1	0	-1	0.1	0	-0.1	0	0	0	0	0	0	0	0
10/24/2023 0:28	46302 ROHR_T1	4	4	0	0.95	0.83	-0.12	0	0	0	0	0	0	0	0
10/24/2023 0:28	42903 MIDD_T2	1	2	1	0.1	0.2	0.1	0	0	0	0	0	0	0	0
10/24/2023 0:28	42701 AUGU_T1	1	1	0	0.3	0.7	0.4	0	0	8	8	0	7200	7200	0
10/24/2023 0:28	13302 ORVI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/24/2023 0:28	45802 HEGI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/24/2023 0:28	65001 NEFF_T2	0	0	0	0	0	0	0	0	1	1	0	1200	1200	0
10/24/2023 0:28	43202 MVIL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/24/2023 0:28	15601 NSTR_T2	3	3	0	0.3	0.3	0	0	0	0	0	0	0	0	0
10/24/2023 0:28	25801 SUTR_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/24/2023 0:28	53601 DALM_T2	1	1	0	0

10/24/2023 8:24	26401 INOR_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/24/2023 8:25	56802 BENV_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/24/2023 8:28	56802 BENV_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/24/2023 8:29	46203 DANV_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/24/2023 8:38	56802 BENV_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/24/2023 8:41	54502 ENOL_T2	1	1	0	0.3	0.7	0.4	0	0	2	2	0	1200	1200	0
10/24/2023 8:42	56603 HAMP_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/24/2023 8:42	56802 BENV_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/24/2023 8:43	53601 DALM_T2	1	1	0	0.5	1.2	0.7	0	0	0	0	0	0	0	0
10/24/2023 8:43	54505 ENOL_T2	1	1	0	0.5	0.7	0.2	0	0	0	0	0	0	0	0
10/24/2023 8:43	46206 DANV_T2	1	1	0	0.4	0.1	-0.3	0	0	0	0	0	0	0	0
10/24/2023 8:44	40101 HUNT_T2	5	27	22	0.3	0.44	0.14	0	0	0	0	0	0	0	0
10/24/2023 8:46	46801 HEPB_T2	3	3	0	0.63	0.6	-0.03	0	0	0	0	0	0	0	0
10/24/2023 8:54	45902 AUBU_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/24/2023 8:55	53501 EVIL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/24/2023 9:00	53501 EVIL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/24/2023 9:01	26401 INOR_T1	0	1	1	0	0.1	0.1	0	0	0	0	0	0	0	0
10/24/2023 9:04	54701 NEBL_T1	0	0	0	0	0	0	0	0	1	1	0	600	600	0
10/24/2023 9:12	41801 GOCI_T2	1	4	3	0.3	0.25	-0.05	0	0	0	0	0	0	0	0
10/24/2023 9:17	13503 MCMI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/24/2023 9:17	54206 PENN_T2	1	0	-1	0.1	0	-0.1	0	0	0	0	0	0	0	0
10/24/2023 9:18	58402 MORO_T1	0	0	0	0	0	0	0	0	3	2	-1	2400	1500	-900
10/24/2023 9:20	54206 PENN_T2	1	0	-1	0.1	0	-0.1	0	0	0	0	0	0	0	0
10/24/2023 9:21	13901 SEID_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/24/2023 9:23	56802 BENV_T2	4	17	13	0.38	0.22	-0.16	0	0	0	0	0	0	0	0
10/24/2023 9:25	46206 DANV_T2	0	1	1	0	0.5	0.5	0	0	0	0	0	0	0	0
10/24/2023 9:25	49803 UNIV_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/24/2023 9:26	56802 BENV_T2	4	17	13	0.38	0.22	-0.16	0	0	0	0	0	0	0	0
10/24/2023 9:30	54505 ENOL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/24/2023 9:32	43202 MVIL_T2	0	1	1	0	0.6	0.6	0	0	0	0	0	0	0	0
10/24/2023 9:33	43202 MVIL_T2	0	1	1	0	0.6	0.6	0	0	0	0	0	0	0	0
10/24/2023 9:34	56501 ROCK_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/24/2023 9:35	13701 SCHN_T2	4	1	-3	0.1	0.1	0	0	0	0	0	0	0	0	0
10/24/2023 9:36	13901 SEID_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/24/2023 9:38	66703 STRA_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/24/2023 9:39	29401 BELT_T1	35	68	33	0.19	0.24	0.05	0	0	0	0	0	0	0	0
10/24/2023 9:39	56802 BENV_T2	13	13	0	0.22	0.26	0.04	0	0	0	0	0	0	0	0
10/24/2023 9:39	62604 ENGL_T1	1	0	-1	0.1	0	-0.1	0	0	1	1	0	600	600	0
10/24/2023 9:40	56802 BENV_T2	13	13	0	0.22	0.26	0.04	0	0	0	0	0	0	0	0
10/24/2023 9:41	62604 ENGL_T1	1	0	-1	0.1	0	-0.1	0	-1.61	1	1	0	600	600	0
10/24/2023 9:41	56802 BENV_T2	13	13	0	0.22	0.26	0.04	0	-1.42	0	0	0	0	0	0
10/24/2023 9:42	10801 CHHI_T1	0	2	2	0	0.25	0.25	0	-0.79	1	1	0	900	900	0
10/24/2023 9:42	62604 ENGL_T1	1	0	-1	0.1	0	-0.1	0	-3.23	2	2	0	1200	1200	0
10/24/2023 9:43	15001 BLMO_T1	0	1	1	0	0.2	0.2	0	0	0	0	0	0	0	0
10/24/2023 9:43	40902 JESH_T1	0	0	0	0	0	0	0	-0.24	1	1	0	600	600	0
10/24/2023 9:44	62605 ENGL_T1	51	9	-42	0.14	0.27	0.13	0	0	0	0	0	0	0	0
10/24/2023 9:45	54505 ENOL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/24/2023 9:46	43201 MVIL_T2	0	0	0	0	0	0	0	-0.39	0	0	0	0	0	0
10/24/2023 9:47	65604 QVIL_T2	0	0	0	0	0	0	0	0.37	0	0	0	0	0	0
10/24/2023 9:48	52401 GRPA_T2	0	1	1	0	0.9	0.9	0	0	0	0	0	0	0	0
10/24/2023 9:49	41901 REED_T1	10	11	1	0.45	0.5	0.05	0	-1.34	1	1	0	900	900	0
10/24/2023 9:50	13302 ORVI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/24/2023 9:51	45902 AUBU_T1	1	1	0	0.2	0.4	0.2	0	-0.59	1	1	0	600	600	0
10/24/2023 9:51	65604 QVIL_T2	0	0	0	0	0	0	0	0.37	0	0	0	0	0	0
10/24/2023 9:52	45901 AUBU_T1	0	0	0	0	0	0	0	1.92	0	0	0	0	0	0
10/24/2023 9:53	20401 ASHF_T2	6	7	1	0.15	0.16	0.01	0	0	0	0	0	0	0	0
10/24/2023 9:53	56504 ROCK_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/24/2023 9:56	53501 EVIL_T2	9	9	0	0.84	0.87	0.03	-0.3	-0.31	2	2	0	1200	1200	0
10/24/2023 9:57	53501 EVIL_T2	9	9	0	0.84	0.87	0.03	-0.3	-0.31	2	2	0	1200	1200	0
10/24/2023 9:57	29402 BELT_T1	3	3	0	3.1	3.2	0.1	0	0	0	0	0	0	0	0
10/24/2023 9:58	53501 EVIL_T2	9	9	0	0.84	0.87	0.03	-0.3	-0.31	2	2	0	1200	1200	0
10/24/2023 10:00	26401 INOR_T1	9	0	-9	0.12	0	-0.12	0	0	0	0	0	0	0	0
10/24/2023 10:00	45902 AUBU_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/24/2023 10:00	61303 EARL_T1	0	0	0	0	0	0	0.56	0.41	0	0	0	0	0	0
10/24/2023 10:00	65604 QVIL_T2	0	0	0	0	0	0	0.37	0.37	0	0	0	0	0	0
10/24/2023 10:00	41901 REED_T1	11	10	-1	0.47	0.54	0.07	-1.34	-1.32	1	1	0	900	900	0
10/24/2023 10:00	64801 MONE_T2	0	0	0	0	0	0	-0.01	-0.01	0	0	0	0	0	0
10/24/2023 10:00	52503 PROG_T2	0	0	0	0	0	0	-0.68	-0.67	1	1	0	900	900	0
10/24/2023 10:00	46004 BERW_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/24/2023 10:00	67604 WARW_T1	0	0	0	0	0	0	0.63	0.66	0	0	0	0	0	0
10/24/2023 10:00	40602 PIGR_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/24/2023 10:00	53903 HAU_T2	2	2	0	1.1	1.15	0.05	-0.28	-0.35	0	0	0	0	0	0
10/24/2023 10:00	56504 ROCK_T2	0	0	0	0	0	0	-0.18	-0.07	0	0	0	0	0	0
10/24/2023 10:00	12604 MACA_T1	0	0	0	0	0	0	0.31	0.3	0	0	0	0	0	0
10/24/2023 10:00	56503 ROCK_T2	1	3	2	0.2	0.2	0	0	0	0	0	0	0	0	0
10/24/2023 10:00	13302 ORVI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/24/2023 10:00	54206 PENN_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/24/2023 10:00	52403 GRPA_T2	5	5	0	0.16	0.26	0.1	0	0.01	0	0	0	0	0	0
10/24/2023 10:00	46203 DANV_T2	0	5	5	0	0.32	0.32	-0.08	-0.08	0	0	0	0	0	0
10/24/2023 10:00	15001 BLMO_T1	0	2	2	0	0.15	0.15	0	0	0	0	0	0	0	0
10/24/2023 10:00	54001 SDLE_T1	4	6	2	0.63	0.68	0.05	0	0	0	0	0	0	0	0
10/24/2023 10:00	53501 EVIL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/24/2023 10:00	52004 LING_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/24/2023 10:00	54202 PENN_T2	0	1	1	0	0	0	0.62	0.64	0	0	0	0	0	0
10/24/2023 10:00	20402 ASHF_T2	0	1	1	0	0.1	0.1	0	0	0	0	0	0	0	0
10/24/2023 10:00	54505 ENOL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/24/2023 10:00	56802 BENV_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/24/2023 10:00	54701 NEBL_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/24/2023 10:00	46301 ROHR_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/24/2023 10:05	47401 PENS_T1	0	3	3	0	0.13	0.13	0	0	0	0	0	0	0	0
10/24/2023 10:06	43304 WATS_T2	0	1	1	0	0	0	-0.48	-0.55	0	0	0	0	0	0
10/24/2023 10:06	65604 QVIL_T2	0	0	0	0	0	0	0.37	0.37	0	0	0	0	0	0
10/24/2023 10:06	54001 SDLE_T1	4	6	2	0.63	0.68	0.05	0	0	0	0	0	0	0	0
10/24/2023 10:07	54001 SDLE_T1	4	6	2	0.63	0.68	0.05	0	0	0	0	0	0	0	0
10/24/2023 10:07	45902 AUBU_T1	1	1	0	0.4	0.2	-0.2	-0.59	-0.61	1	1	0	600	600	0
10/24/2023 10:08	10801 CHHI_T1	2	3	1	0.25	0.3	0.05	-0.79	-0.86	1	1	0	900	900	0
10/24/2023 10:08	20401 ASHF_T2	5	8	3	0.16	0.23	0.07	0	0	0	0	0	0	0	0
10/24/2023 10:08	46203 DANV_T2	0	5	5	0	0.32	0.32	-0.08	-0.08	0	0	0	0	0	0
10/24/2023 10:08	42701 AUGU_T1	1	1	0	0.4	0.4	0	0	0	0	0	0	0	0	0
10/24/2023 10:08	13901 SEID_T1	0	0	0	0	0	0	0.24	0.22	0	0	0	0	0	0
10/24/2023 10:08	29401 BELT_T1	52	64	12	0.22	0.23	0.01	0	0	2	2	0	1800	1800	0
10/24/2023 10:08	29402 BELT_T1	3	3	0	3.2	3.23	0.03	0	0	0	0	0	0	0	0
10/24/2023 10:09	62605 ENGL_T1	8	9	1	0.2	0.2	0	0	0	0	0	0	0	0	0
10/24/2023 10:09	44802 EDAN_T2	0	0	0	0	0	0	-2.26	-2.14	1	1	0	1200	1200	0
10/24/2023 10:10	29402 BELT_T1	3	3	0	3.2	3.23	0.03	0	0	0	0	0	0	0	0
10/24/2023 10:10	41801 GOCI_T2	3	8	5	0.37	0.54	0.17	0	0	0	0	0	0	0	0
10/24/2023 10:10	20401 ASHF_T2	5	8	3	0.16	0.23	0.07	0	0	0	0	0	0	0	0
10/24/2023 10:11	21606 EYNO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/24/2023 10:11	62605 ENGL_T1	8	9	1	0.2	0.2	0	0	0	0	0	0	0	0	0
10/24/2023 10:11	44802 EDAN_T2	0	0	0	0	0	0	-2.14	-2.11	1	1	0	1200	1200	0
10/24/2023 10:12	60801 BUCK_T1	0	0	0	0	0	0	0.16	0.22	0	0	0	0	0	0
10/24/2023 10:12	53601 DALM_T2	1	1	0	0.8	0.7	-0.1	-0.03	-0.08	0	0	0	0	0	0
10/24/2023 10:12	53501 EVIL_T2	9	9	0	0.87	0.94	0.07	-0.62	-0.48	4	4	0	2400	2400	0
10/24/2023 10:13	62605 ENGL_T1	8	9	1	0.2	0.2	0	0	0	0	0	0	0	0	0
10/24/2023 10:13	12701 MACU_T1	0	0	0	0	0	0	0.02	0.03	0	0	0	0	0	0
10/24/2023 10:13	44802 EDAN_T2	0	0	0	0	0	0	-2.14	-2.11	1	1	0	1200	1200	0
10/24/2023 10:13	49804 UNIV_T1	0	1	1	0	0.5	0.5	0	0	0	0	0	0	0	0
10/24/2023 10:13	46801 HEPB_T2	3	3	0	0.73	0.7	-0.03	0	0	0	0	0	0	0	0
10/24/2023 10:13	28403 HART_T2	0	0	0	0	0	0	-0.7	-0.75	1	1	0	900	900	0
10/24/2023 10:14	52401 GRPA_T2	1	1	0	0.1	1	0.9	0	0	0	0	0	0	0	0
10/24/2023 10:14	17805 GILB_T2	0	1	1	0	0.3	0.3	0	0	0	0	0	0	0	0
10/24/2023 10:14	40901 JESH_T1	0	1	1	0	0	0	0	0	0	0	0	0	0	0
10/24/2023 10:14	62604 ENGL_T1	0	0	0	0	0	0	-1.58	-1.59	1	1	0	600	600	0
10/24/2023 10:15	17802 GILB_T1	0	0	0	0	0	0	0.11	0.09	0	0	0	0	0	0
10/24/2023 10:15	45802 HEGI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/24/2023 10:15	15001 BLMO_T1	0	2	2	0	0.15	0.15	0	0	0	0	0	0	0	0
10/24/2023 10:15	46801 HEPB_T2	3	3	0	0.7	0.6	-0.1	0.59	0.64	0	0	0	0	0	0
10/24/2023 10:15	58401 MORO_T1	0	2	2	0	0.35	0.35	0	0	0	0	0	0	0	0
10/24/2023 10:15	53501 EVIL_T2	8	9	1	0.8	1.03	0.23	-0.31	-0.24	2	2	0	1200	1200	0
10/24/2023 10:15	12701 MACU_T1	0	0	0	0	0	0	0.02	0.03	0	0	0	0	0	0
10/24/2023 10:16	39601 LNFD_T1	0	0	0	0	0	0.5	0	0	0	0	0	0	0	0
10/24/2023 10:16	43202 MVIL_T2	1	2	1	0.5	1	0.5	-0.65	-0.63	0	0	0	0	0	0
10/24/2023 10:16	58402 MORO_T1	0	0	0	0	0	0	-2.2	-2.03	4	4	0	3000	3000	0
10/24/2023 10:17	43202 MVIL_T2	1	2	1	0.5	1	0.5	0	0	0	0	0	0	0	0
10/24/2023 10:17	60604 NCOL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/24/2023 10:18	65004 NEFF_T2	0	1	1	0	0.4	0.4	0	0	0	0	0	0	0	0
10/24/2023 10:18	54701 NEBL_T1	0	2	2	0	0.15	0.15	0	0	1	1	0	600	600	0
10/24/2023 10:19	14802 TREI_T2	13	24	11	0.26	0.33	0.07	0	0	0	0	0	0	0	0
10/24/2023 10:19	13704 SCHN_T2	2	6	4	0.2	0.22	0.02	-0.36	-0.34	0	0	0	0	0	0
10/24/2023 10:19	43202 MVIL_T2	1	2	1	0.5	1	0.5	-0.65	-0.63	0	0	0	0	0	0
10/24/2023 10:19	13302 ORVI_T2	2	3	1	0.3	0.73	0.43	0.66	0.63	0	0	0	0	0	0
10/24/2023 10:20	67001 STHI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/24/2023 10:20	14802 TREI_T2	13	24	11	0.26	0.33	0.07	0	0	0	0	0	0	0	0
10/24/2023 10:21	66501 SMAN_T2	0	2	2	0	0.15	0.15	0	0	0	0	0	0	0	0
10/24/2023 10:21	67001 STHI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/24/2023 10:21	45402 WILO_T2	1	2	1	1.2	0.75	-0.45	0	0	0	0	0	0	0	0
10/24/2023 10:21	42701 AUGU_T1	1	1	0	0.2	0.7	0.5	0	0	2	2	0	1800	1800	0
10/24/2023 10:22	23301 JEFF_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/24/2023 10:22	43301 WATS_T2	1	1	0	0.8	0.6	-0.2	0	0	0	0	0	0	0	0
10/24/2023 10:22	67502 WEWI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/24/2023 10:23	43301 WATS_T2	1	1	0	0.8	0.6	-0.2	0	0	0	0	0	0	0	0
10/24/2023 10:23	56802 BENV_T2	17	152	135	0.22	0.22	0	-1.34	-1.41	0	0	0	0	0	0
10/24/2023 10:23	13701 SCHN_T2	2	7	5	0.2	0.24	0.04	0	0	0	0	0	0	0	0
10/24/2023 10:23	60801 BUCK_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/24/2023 10:24	28604 BLYT_T2	0	0	0	0	0	0	-2.84	-2.8	0	0	0	0	0	0
10/24/2023 10:24	56802 BENV_T2	17	152	135	0.22	0.22	0	-2.68	-2.82	0	0	0	0	0	0
10/24/2023 10:25	56603 HAMP_T1	0	109	109	0	0.28	0.28	0	0	0	0	0	0	0	0
10/24/2023 10:25	43304 WATS_T2	0	1	1	0	0	0	-1.09	-1.08	0	0	0	0	0	0
10/24/2023 10:25	56802 BENV_T2	17	152	135	0.22	0.22	0	-4.02	-4.23	0	0	0	0	0	0
10/24/2023 10:25	42701 AUGU_T1	1	1	0	0.2	0.7	0.5	0	0	2	2	0	1800	1800	0
10/24/2023 10:26	43304 WATS_T2	0	1	1	0	0	0	0	0	0	0	0	0	0	0
10/24/2023 10:26	29402 BELT_T1	3	3	0	3.1	3.27	0.17	0	0	0	0	0	0	0	0
10/24/2023 10:26	54501 ENOL_T2	0	2	2	0	0.15	0.15	0.12	0.12	0	0	0	0	0	0
10/24/2023 10:26	61801 EELI_T2	5	49	44	0.84	0.33	0.51	-0.95	-0.93	1	1	0	600	600	0
10/24/2023 10:26	60801 BUCK_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/24/2023 10:26	54505 ENOL_T2	1	1	0	0.7	1.3	0.6	0	0	0	0	0	0	0	0
10/24/2023 10:26	56802 BENV_T2	17	152	135	0.22	0.22	0	-2.82	-2.74	0	0	0	0	0	0
10/24/2023 10:27	15001 BLMO_T1	0	2	2	0	0.15	0.15	0	0	0	0	0	0	0	0
10/24/2023 10:27	56802 BENV_T2	17	152	135	0.22	0.22	0	-2.82	-2.74	0	0	0	0	0	0
10/24/2023 10:27	56603 HAMP_T1	0	109	109	0	0.28	0.28	0	0	0	0	0	0	0	0
10/24/2023 10:28	54502 ENOL_T2	0	1	1	0	0.7	0.7	-1.42	-1.43	0	0	0	0	0	0
10/24/2023 10:28	17805 GILB_T2	1	1	0	0.1	0.3	0.2	-0.02	-0.05	0	0	0	0	0	0
10/24/2023 10:28	54502 ENOL_T2	0	1	1	0	0.7	0.7	-1.42	-1.43	0	0	0	0	0	0
10/24/2023 10:28	46004 LOHA_T1	2	2	0	0.35	0.55	0.2	0	0	0	0	0	0	0	0
10/24/2023 10:28	61803 EELI_T2	1	2	1	0.7	1.1	0.4	0	0	0	0	0	0	0	0
10/24/2023 10:28	54503 ENOL_T2	0	0	0	0	0	0	-0.39	-0.43	1	1	0	600	600	0
10/24/2023 10:28	56802 BENV_T2	17	152	135	0.22	0.22	0	-1.41	-1.37	0	0	0	0	0	0
10/24/2023 10:29	17803 GILB_T2	0	5	5	0	0.12	0.12	0	0	0	0	0	0	0	0
10/24/2023 10:29	54501 ENOL_T2	0	2	2	0	0.15	0.15	0	0	0	0	0	0	0	0
10/24/2023 10:29	54502 ENOL_T2	0	1	1	0	0.7	0.7	0	0	0	0	0	0	0	0
10/24/2023 10:29	43402 BENT_T1	0	3	3	0	0.5

Appendix C - Grid Benefits Achieved in Each Instance of Active Management

10/24/2023 10:48	52402 GRPA_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/24/2023 10:49	46302 ROHR_T1	3	2	-1	1.8	3	1.2	0	0	0	0	0	0	0	0
10/24/2023 10:50	52402 GRPA_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/24/2023 10:50	66502 SMAN_T2	1	2	1	0.2	0.25	0.05	0	0	0	0	0	0	0	0
10/24/2023 10:50	67204 TEHI_T2	1	2	1	0.2	0.2	0	-0.05	-0.06	0	0	0	0	0	0
10/24/2023 10:50	13105 NHAM_T2	0	0	0	0	0	0	-0.32	-0.31	1	1	0	1200	1200	0
10/24/2023 10:50	41901 REED_T1	10	10	0	0.46	0.46	0	0	0	0	0	0	0	0	0
10/24/2023 10:50	27502 WEIS_T2	0	0	0	0	0	0.05	0.08	0	0	0	0	0	0	0
10/24/2023 10:51	41901 REED_T1	10	10	0	0.46	0.46	0	0	0	0	0	0	0	0	0
10/24/2023 10:51	66703 STRA_T1	1	3	2	0.2	0.2	0	-0.16	-0.12	0	0	0	0	0	0
10/24/2023 10:52	59102 WALK_T2	2	1	-1	0.1	0.4	0.3	0	0	0	0	0	0	0	0
10/24/2023 10:52	67204 TEHI_T2	1	2	1	0.2	0.2	0	-0.05	-0.06	0	0	0	0	0	0
10/24/2023 10:53	64802 MONE_T2	1	80	79	0.1	0.38	0.28	-0.01	-0.01	0	0	0	0	0	0
10/24/2023 10:54	60801 BUCK_T1	1	1	0	0.2	0.4	0.2	0	0	0	0	0	0	0	0
10/24/2023 10:56	60801 BUCK_T1	1	1	0	0.2	0.4	0.2	0	0	0	0	0	0	0	0
10/24/2023 11:00	28403 HART_T2	0	0	0	0	0	0	-0.71	-0.71	1	1	0	900	900	0
10/24/2023 11:01	42902 MIDD_T2	13	30	17	0.35	0.3	-0.05	-0.79	-0.95	1	1	0	600	600	0
10/24/2023 11:02	52503 PROG_T2	0	2	2	0	0.5	0.5	0	0	0	0	0	0	0	0
10/24/2023 11:03	52402 GRPA_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/24/2023 11:03	47403 PENS_T1	4	3	-1	0.5	0.37	-0.13	0	0	0	0	0	0	0	0
10/24/2023 11:04	52502 PROG_T2	0	0	0	0	0	0	0.27	0.27	0	0	0	0	0	0
10/24/2023 11:05	47403 PENS_T1	4	3	-1	0.5	0.37	-0.13	0	0	0	0	0	0	0	0
10/24/2023 11:06	56801 BENV_T1	48	57	9	1.01	1.27	0.26	-0.78	-0.77	1	1	0	600	600	0
10/24/2023 11:06	52402 GRPA_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/24/2023 11:06	47403 PENS_T1	4	3	-1	0.5	0.37	-0.13	0	0	0	0	0	0	0	0
10/24/2023 11:06	46203 DANV_T2	11	11	0	0.57	0.72	0.15	-0.12	-0.1	0	0	0	0	0	0
10/24/2023 11:07	59102 WALK_T2	1	6	5	0.3	0.43	0.13	0	0	0	0	0	0	0	0
10/24/2023 11:07	56802 BENV_T2	79	279	200	0.2	0.35	0.15	-1.4	-1.4	0	0	0	0	0	0
10/24/2023 11:08	59102 WALK_T2	1	6	5	0.3	0.43	0.13	0	0	0	0	0	0	0	0
10/24/2023 11:08	56802 BENV_T2	79	279	200	0.2	0.35	0.15	-2.8	-2.8	0	0	0	0	0	0
10/24/2023 11:08	67203 TEHI_T1	0	0	0	0	0	0	2.25	2.31	2	2	0	1500	1500	0
10/24/2023 11:08	42701 AUGU_T1	2	5	3	0.6	0.5	-0.1	0	0	2	2	0	1800	1800	0
10/24/2023 11:09	56801 BENV_T1	48	57	9	1.01	1.27	0.26	-1.56	-1.54	2	2	0	1200	1200	0
10/24/2023 11:09	29402 BELT_T1	3	5	2	3.2	2.2	-1	0	0	0	0	0	0	0	0
10/24/2023 11:09	56802 BENV_T2	79	279	200	0.2	0.35	0.15	-1.4	-1.4	0	0	0	0	0	0
10/24/2023 11:10	56802 BENV_T2	79	279	200	0.2	0.35	0.15	-1.4	-1.4	0	0	0	0	0	0
10/24/2023 11:11	61801 EELI_T2	6	22	16	0.68	0.46	-0.22	-0.94	-0.96	1	1	0	600	600	0
10/24/2023 11:11	42701 AUGU_T1	2	5	3	0.6	0.5	-0.1	0	0	2	2	0	1800	1800	0
10/24/2023 11:11	10805 CHNI_T2	1	6	5	8.7	8.3	-0.4	-0.77	-1	2	2	0	1200	1200	0
10/24/2023 11:12	56801 BENV_T1	48	57	9	1.01	1.27	0.26	-0.77	-0.81	1	1	0	600	600	0
10/24/2023 11:12	67605 WARW_T1	5	23	18	0.3	0.41	0.11	-1.25	-1.11	0	0	0	0	0	0
10/24/2023 11:12	45802 HEGI_T2	0	1	1	0	0	0	0.88	0.92	0	0	0	0	0	0
10/24/2023 11:12	61801 EELI_T2	6	22	16	0.68	0.46	-0.22	-0.94	-0.96	1	1	0	600	600	0
10/24/2023 11:12	41801 GOCI_T2	8	11	3	0.46	0.61	0.15	0	0	0	0	0	0	0	0
10/24/2023 11:13	40101 HUNT_T2	0	2	2	0	0.3	0.3	-0.14	-0.07	0	0	0	0	0	0
10/24/2023 11:14	52004 LING_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/24/2023 11:14	58401 MORO_T1	0	10	10	0	0.3	0.3	-1	-1.01	1	1	0	600	600	0
10/24/2023 11:14	26401 INOR_T1	0	0	0	0	0	0	0.94	0.87	0	0	0	0	0	0
10/24/2023 11:15	46801 HEPB_T2	2	3	1	1.2	0.87	-0.33	0	0	0	0	0	0	0	0
10/24/2023 11:15	52401 GRPA_T2	1	2	1	1.1	0.5	-0.6	0	0	0	0	0	0	0	0
10/24/2023 11:15	58401 MORO_T1	1	10	9	0.3	0.33	0.03	-1	-1.01	1	1	0	600	600	0
10/24/2023 11:15	40101 HUNT_T2	2	0	-2	0.2	0	-0.2	-0.29	-0.14	0	0	0	0	0	0
10/24/2023 11:16	58401 MORO_T1	1	10	9	0.3	0.33	0.03	-1	-1.01	1	1	0	600	600	0
10/24/2023 11:16	45702 LIND_T2	1	2	1	0.5	1.15	0.65	-0.55	-0.55	0	0	0	0	0	0
10/24/2023 11:17	44601 SALE_T2	0	0	0	0	0	0	0.14	0.16	1	1	0	600	600	0
10/24/2023 11:18	13302 ORVI_T2	5	8	3	0.56	0.45	-0.11	0.54	0.58	0	0	0	0	0	0
10/24/2023 11:18	13701 SCHN_T2	7	14	7	0.26	0.35	0.09	0	0	0	0	0	0	0	0
10/24/2023 11:18	60502 NMAN_T2	0	3	3	0	0.17	0.17	-0.01	-0.13	0	0	0	0	0	0
10/24/2023 11:18	58401 MORO_T1	1	10	9	0.3	0.33	0.03	-1.99	-2.01	2	2	0	1200	1200	0
10/24/2023 11:19	14801 TREI_T2	91	112	21	0.39	0.56	0.17	0	0	0	0	0	0	0	0
10/24/2023 11:19	67002 STHI_T2	21	168	147	0.3	0.2	-0.1	0.7	0.69	0	0	0	0	0	0
10/24/2023 11:19	60604 NCOL_T2	0	0	0	0	0	0	0.41	0.32	0	0	0	0	0	0
10/24/2023 11:20	52404 GRPA_T2	0	1	1	0	0.5	0.5	0	0	0	0	0	0	0	0
10/24/2023 11:20	51302 WIND_T2	0	2	2	0	0.2	0.2	0	0	0	0	0	0	0	0
10/24/2023 11:20	58401 MORO_T1	1	10	9	0.3	0.33	0.03	-2.99	-3.02	3	3	0	1800	1800	0
10/24/2023 11:20	56504 ROCK_T2	1	3	2	0.2	0.23	0.03	-0.3	-0.18	0	0	0	0	0	0
10/24/2023 11:20	14802 TREI_T2	25	102	77	0.33	0.28	-0.05	0	0	0	0	0	0	0	0
10/24/2023 11:21	14802 TREI_T2	25	102	77	0.33	0.28	-0.05	0.27	0.29	0	0	0	0	0	0
10/24/2023 11:21	44601 SALE_T2	0	0	0	0	0	0	0.14	0.16	1	1	0	600	600	0
10/24/2023 11:21	67001 STHI_T2	101	579	478	0.15	0.23	0.08	0	0	0	0	0	0	0	0
10/24/2023 11:22	65001 NEFF_T2	1	6	5	0.1	0.17	0.07	0	0	0	0	0	0	0	0
10/24/2023 11:22	67001 STHI_T2	101	579	478	0.15	0.23	0.08	0	0	0	0	0	0	0	0
10/24/2023 11:22	45402 WBLO_T2	2	5	3	0.8	0.54	-0.26	-0.75	-0.76	0	0	0	0	0	0
10/24/2023 11:23	66703 STRA_T1	2	7	5	0.2	0.33	0.13	-0.17	-0.21	0	0	0	0	0	0
10/24/2023 11:23	67503 WEWI_T2	1	4	3	0.2	0.15	-0.05	-0.53	-0.55	0	0	0	0	0	0
10/24/2023 11:23	67001 STHI_T2	101	579	478	0.15	0.23	0.08	0.08	0.07	0	0	0	0	0	0
10/24/2023 11:23	51304 WIND_T2	1	2	1	0.1	0.8	0.7	0	0	0	0	0	0	0	0
10/24/2023 11:23	67502 WEWI_T2	3	25	22	0.67	0.36	-0.31	-0.63	-0.56	0	0	0	0	0	0
10/24/2023 11:23	15103 UPHA_T2	2	2	0	0.15	0.4	0.25	0.4	0.39	0	0	0	0	0	0
10/24/2023 11:24	14802 TREI_T2	25	102	77	0.33	0.28	-0.05	0.27	0.29	0	0	0	0	0	0
10/24/2023 11:24	14801 TREI_T2	91	112	21	0.39	0.56	0.17	0.24	0.23	0	0	0	0	0	0
10/24/2023 11:24	49804 UNIV_T1	1	2	1	0.3	0.35	0.05	0	0	0	0	0	0	0	0
10/24/2023 11:24	51306 WIND_T2	0	2	2	0	0.25	0.25	0.13	0.11	0	0	0	0	0	0
10/24/2023 11:24	67002 STHI_T2	21	168	147	0.3	0.2	-0.1	0.7	0.69	0	0	0	0	0	0
10/24/2023 11:24	42701 AUGU_T1	4	5	1	0.35	0.52	0.17	0	0	2	2	0	1800	1800	0
10/24/2023 11:25	51306 WIND_T2	0	2	2	0	0.25	0.25	0.13	0.11	0	0	0	0	0	0
10/24/2023 11:26	54504 ENOL_T2	0	1	1	0	0.7	0.7	0	0	0	0	0	0	0	0
10/24/2023 11:26	54501 ENOL_T2	0	3	3	0	0.2	0.2	0.1	0.09	0	0	0	0	0	0
10/24/2023 11:26	56501 ROCK_T2	7	22	15	0.31	0.31	0	0	0	0	0	0	0	0	0
10/24/2023 11:27	63801 HEMP_T1	3	30	27	0.23	0.21	-0.02	0	0	0	0	0	0	0	0
10/24/2023 11:27	54501 ENOL_T2	0	3	3	0	0.2	0.2	0	0	0	0	0	0	0	0
10/24/2023 11:27	56603 HAMP_T1	27	172	145	0.13	0.29	0.16	0	0	0	0	0	0	0	0
10/24/2023 11:28	54504 ENOL_T2	0	1	1	0	0.7	0.7	0	0	0	0	0	0	0	0
10/24/2023 11:28	63802 HEMP_T1	4	60	56	0.25	0.18	-0.07	-0.44	-0.47	0	0	0	0	0	0
10/24/2023 11:28	54505 ENOL_T2	1	1	0	1	1.4	0.4	-1.35	-1.35	1	1	0	600	600	0
10/24/2023 11:29	61304 EARL_T1	0	1	1	0	0.3	0.3	0	0	0	0	0	0	0	0
10/24/2023 11:29	54504 ENOL_T2	0	1	1	0	0.7	0.7	0	0	0	0	0	0	0	0
10/24/2023 11:30	54504 ENOL_T2	1	1	0	0.6	0.7	0.1	0	0	0	0	0	0	0	0
10/24/2023 11:30	54502 ENOL_T2	5	4	-1	0.36	0.33	-0.03	0	0	0	0	0	0	0	0
10/24/2023 11:30	59301 MCAL_T1	58	29	-29	0.4	0.35	-0.05	0	0	0	0	0	0	0	0
10/24/2023 11:30	39601 LNFO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/24/2023 11:30	25402 LAHA_T2	0	1	1	0	0	0	-0.7	-0.4	0	0	0	0	0	0
10/24/2023 11:31	52404 GRPA_T2	1	1	0	0.1	0.5	0.4	0	0	0	0	0	0	0	0
10/24/2023 11:31	54504 ENOL_T2	1	1	0	0.6	0.7	0.1	0	0	0	0	0	0	0	0
10/24/2023 11:31	46803 HEPB_T2	1	2	1	0.3	0.2	-0.1	0	0	0	0	0	0	0	0
10/24/2023 11:31	52404 GRPA_T2	1	1	0	0.1	0.5	0.4	0	0	0	0	0	0	0	0
10/24/2023 11:31	15001 BLMO_T1	3	4	1	0.33	0.38	0.05	0	0	0	0	0	0	0	0
10/24/2023 11:31	64301 LINC_T1	0	0	0	0	0	0.03	0.1	0	1	1	0	600	600	0
10/24/2023 11:32	46506 LOHA_T1	2	1	-1	0.3	0.2	-0.1	0	0	0	0	0	0	0	0
10/24/2023 11:33	65604 QVIL_T2	0	0	0	0	0	0	0.36	0.34	0	0	0	0	0	0
10/24/2023 11:33	56501 ROCK_T2	22	15	-7	0.27	0.41	0.14	-0.43	-0.18	0	0	0	0	0	0
10/24/2023 11:33	59302 MCAL_T1	5	4	-1	0.5	0.43	-0.07	0	0	0	0	0	0	0	0
10/24/2023 11:33	52403 GRPA_T2	5	17	12	0.56	0.35	-0.21	0.14	0.16	0	0	0	0	0	0
10/24/2023 11:33	56503 ROCK_T2	73	62	-11	0.19	0.15	-0.04	0	0	0	0	0	0	0	0
10/24/2023 11:33	13302 ORVI_T2	7	12	5	0.44	0.45	0.01	0.58	0.56	0	0	0	0	0	0
10/24/2023 11:34	67002 STHI_T2	164	156	-8	0.2	0.21	0.01	0.69	0.71	0	0	0	0	0	0
10/24/2023 11:34	52404 GRPA_T2	1	1	0	0.1	0.5	0.4	0	0	0	0	0	0	0	0
10/24/2023 11:34	54001 SDLE_T1	7	8	1	0.94	0.83	-0.11	0	0	0	0	0	0	0	0
10/24/2023 11:35	56501 ROCK_T2	22	15	-7	0.27	0.41	0.14	0	0	0	0	0	0	0	0
10/24/2023 11:35	67002 STHI_T2	164	156	-8	0.2	0.21	0.01	0.69	0.71	0	0	0	0	0	0
10/24/2023 11:36	51303 WIND_T1	7	4	-3	0.29	0.33	0.04	0	0	0	0	0	0	0	0
10/24/2023 11:36	67002 STHI_T2	164	156	-8	0.2	0.21	0.01	0.69	0.71	0	0	0	0	0	0
10/24/2023 11:36	56504 ROCK_T2	3	1	-2	0.23	0.4	0.17	-0.18	-0.34	0	0	0	0	0	0
10/24/2023 11:36	56501 ROCK_T2	22	15	-7	0.27	0.41	0.14	-0.43	-0.18	0	0	0	0	0	0
10/24/2023 11:36	65601 QVIL_T2	3	5	2	0.3	0.36	0.06	0	0	0	0	0	0	0	0
10/24/2023 11:36	54001 SDLE_T1	7	8	1	0.94	0.83	-0.11	0	0	0	0	0	0	0	0
10/24/2023 11:37	13901 SEID_T1	0	0	0	0	0	0	0.18	0.16	0	0	0	0	0	0
10/24/2023 11:37	42201 SHEN_T2	0	0	0	0	0	0	0.08	0.08	1	1	0	600	600	0
10/24/2023 11:38	67002 STHI_T2	164	156	-8	0.2	0.21	0.01	0.69	0.71	0	0	0	0	0	0
10/24/2023 11:38	51301 WIND_T1	7	7	0	0.47	0.64	0.17	0.66	0.61	0	0	0	0	0	0
10/24/2023 11:39	20401 ASHF_T2	106	69	-37	0.28	0.23	-0.05	0	0	0	0	0	0	0	0
10/24/2023 11:39	60101 COCA_T1	6	5	-1	0.45	0.46	0.01	0.33	0.29	0	0	0	0	0	0
10/24/2023 11:39	51301 WIND_T1	7	7	0	0.47	0.64	0.17	0.66	0.61	0	0	0	0	0	0
10/24/2023 11:40	20403 ASHF_T2	219	108	-111	0.35	0.37	0.02	0.1	0.04	0	0	0	0	0	0
10/24/2023 11:40	60101 COCA_T1	6	5	-1	0.45	0.46	0.01	0.33	0.29	0	0	0	0	0	0
10/24/2023 11:46	53902 HALI_T2	0	1	1	0	0.3	0.3	0	0	0	0	0	0	0	0
10/24/2023 11:46	25402 LAHA_T2	0	0	0	0	0	0	-0.4	-0.31	0	0	0	0	0	0
10/24/2023 11:47	52402 GRPA_T2	20	43	23	0.75	0.5	-0.25	0	0	0	0	0	0	0	0
10/24/2023 11:48	52402 GRPA_T2	20	43	23	0.75	0.5	-0.25	0	0	0	0	0	0	0	0
10/24/2023 11:48	13905 SEID_T1	1	2	1	0.1	0.3	0.2	0	0	0	0	0	0	0	0
10/24/2023 11:48	65601 QVIL_T2	3	15	12	0.47	0.25	-0.22	0	0	0	0	0	0	0	0
10/24/2023 11:50	52404 GRPA_T2	1	1	0	0.5	0.5	0	0	0	0	0	0	0	0	0
10/24/2023 11:50	54001 SDLE_T1	8	8	0	0.83	0.71	-0.12	0	0	0	0	0	0	0	0
10/24/2023 11:51	54001 SDLE_T1	8	8	0	0.83	0.71	-0.12	0	0	0	0	0	0	0	0
10/24/2023 11:51	52401 GRPA_T2	2	2	0	0.5	0.25	-0.25	-0.51	-0.48	0	0	0	0	0	0
10/24/2023 11:51	56503 ROCK_T2	59	57	-2	0.15	0.15	0	0	0	0	0	0	0	0	0
10/24/2023 11:51	65601 QVIL_T2	3	15	12	0.47	0.25	-0.22	0	0	0	0	0	0	0	0
10/24/2023 11:51	42201 SHEN_T2	0	1	1	0	0.1	0.1	0.08	0.05	1	1	0	600	600	0
10/24/2023 11:52	51304 WIND_T2	2	2	0	0.8	0.7	-0.1	0	0	0	0	0	0	0	0
10/24/2023 11:52	54001 SDLE_T1	8	8	0	0.83	0.71	-0.12	0	0	0	0	0	0	0	0
10/24/2023 11:53	46001 BERW_T1	0	0	0	0	0	0	1.09	0.97	0	0	0	0	0	0
10/24/2023 11:53	42201 SHEN_T2	0	1	1	0	0.1	0.1	0.08	0.05	1	1	0	600	600	0
10/24/2023 11:53	28604 BLYT_T2	0	1	1	0	0.2	0.2	-2.84	-2.9	0	0	0	0	0	0
10/24/2023 11:53	42701 AUGU_T1	5	6	1	0.5	0.52	0.02	0	0	2	2	0	1800	1800	0
10/24/2023 11:54	51302 WIND_T2	2	3	1	0.2	0.15	-0.05	0	0	0	0	0	0	0	0
10/24/2023 11:54	46001 BERW_T1	0	0	0	0	0	0	1.09	0.97	0	0	0	0	0	0
10/24/2023 11:55	46001 BERW_T1	0	0	0	0	0	0	1.09	0.97	0	0	0	0	0	0
10/24/2023 11:55	42701 AUGU_T1	5	6	1	0.5	0.52	0.02	0	0	6	6	0	5400	5400	0
10/24/2023 11:56	42701 AUGU_T1	5	6	1	0.5	0.52	0.02	0	0	2	2	0	1800	1800	0
10/24/2023 11:56	46001 BERW_T1	0	0	0	0	0	0	0.97	0.9	0	0	0	0	0	0
10/24/2023 11:59	40902 JESH_T1	0	0	0	0	0	0	0.15	0.11	1	1	0	600	600	0
10/24/2023 12:01	52403 GRPA_T2	15	5	-10	0.33	0.38	0.05	0	0	0	0	0	0	0	0
10/24/2023 12:01	64301 LINC_T1	0	0	0	0	0	0	-0.01	-0.01	1	1	0	600	600	0
10/24/2023 12:02	52402 GRPA_T2	42	14	-28	0.48	0.78	0.3	0	0	0	0	0	0	0	0
10/24/2023 12:03	51302 WIND_T2	2	2	0	0.15	0.1	-0.05	0	0	0	0	0	0	0	0
10/24/2023 12:04	65604 QVIL_T2	0	0	0	0	0	0	0.34	0.34	0	0	0	0	0	0
10/24/2023 12:04	52401 GRPA_T2	2	1	-1	0.25	0.1	-0.15	0	0	0	0	0	0	0	0
10/24/2023 12:05	52401 GRPA_T2	2	1	-1	0.25	0.1	-0.15	0	0	0	0	0	0	0	0
10/24/2023 12:06	65601 QVIL_T2	5	17	12	0.34	0.25	-0.09	0	0	0	0	0	0	0	0
10/24/2023 12:06	54001 SDLE_T1	8	5	-3	0.71	1.02	0.31	0	0	0	0	0	0	0	0
10/24/2023 12:07	54001 SDLE_T1	8	5	-3	0.71	1.02	0.31	0	0	0	0	0	0	0	0
10/24/2023 12:08	54001 SDLE_T1	8	5	-3	0.71	1.02	0.31	0	0	0	0	0	0	0	0
10/24/2023 12:09	42701 AUGU_T1	5	6	1	0.5	0.58	0.08	0	0	2	2	0	1800	1800	0
10/24/2023 12:10	42701 AUGU_T1	5	6	1	0.5	0.58	0.08	0	0	4	4	0	3600	3600	0
10/24/2023 12:11	60101 COCA_T1	3	3	0	0.27	0.2	-0.07	0.45	0.5	0	0	0	0	0	0
10/24/2023 12:11	42701 AUGU_T1	5	6	1	0.5	0.58	0.08	0	0	4	4	0	3600	3600	0
10/24/2023 12:15

Appendix C - Grid Benefits Achieved in Each Instance of Active Management

10/24/2023 13:45	45802 HEGI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/24/2023 13:46	46801 HEPB_T2	2	2	0	1.2	1.3	0.1	0	0	0	0	0	0	0	0
10/24/2023 13:46	53903 HALI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/24/2023 13:51	42802 SELI_T1	1	2	1	0.5	0.45	-0.05	0	-1.11	0	0	0	0	0	0
10/24/2023 13:51	13302 ORVI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/24/2023 13:52	13902 SEID_T1	0	1	1	0	0	0	0	0	0	0	0	0	0	0
10/24/2023 13:52	42802 SELI_T1	1	2	1	0.5	0.45	-0.05	0	-1.11	0	0	0	0	0	0
10/24/2023 13:52	46301 ROHR_T1	4	0	-4	0.33	0	-0.33	0	0	0	0	0	0	0	0
10/24/2023 14:00	21606 EYNO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/24/2023 14:00	40902 JESH_T1	0	0	0	0	0	0	-0.88	-0.61	2	2	0	1200	1200	0
10/24/2023 14:02	52501 PROG_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/24/2023 14:02	59301 MCAL_T1	3	6	3	0.37	0.55	0.18	0	0	0	0	0	0	0	0
10/24/2023 14:04	67001 STHI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/24/2023 14:04	56504 ROCK_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/24/2023 14:05	52403 GRPA_T2	1	2	1	0.3	0.2	-0.1	0.09	0.09	0	0	0	0	0	0
10/24/2023 14:05	15103 UPHA_T2	2	2	0	0.6	0.6	0	0.36	0.34	0	0	0	0	0	0
10/24/2023 14:06	42802 SELI_T1	2	2	0	0.45	0.35	-0.1	-2.22	-2.22	0	0	0	0	0	0
10/24/2023 14:06	42701 AUGU_T1	3	5	2	0.57	0.44	-0.13	0	0	4	4	0	3600	3600	0
10/24/2023 14:07	42701 AUGU_T1	3	5	2	0.57	0.44	-0.13	0	0	2	2	0	1800	1800	0
10/24/2023 14:07	67603 WARW_T1	1	1	0	1	1.1	0.1	0	0	0	0	0	0	0	0
10/24/2023 14:07	43301 WATS_T2	2	4	2	0.6	0.53	-0.07	0	0	0	0	0	0	0	0
10/24/2023 14:07	52402 GRPA_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/24/2023 14:07	42503 ALTA_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/24/2023 14:07	45902 AUBU_T1	2	3	1	1.1	0.8	-0.3	-0.991	-0.9	1	1	0	600	600	0
10/24/2023 14:08	43304 WATS_T2	0	0	0	0	0	0	-0.48	-0.44	0	0	0	0	0	0
10/24/2023 14:08	42701 AUGU_T1	3	5	2	0.57	0.44	-0.13	0	0	2	2	0	1800	1800	0
10/24/2023 14:09	43301 WATS_T2	2	4	2	0.6	0.53	-0.07	-1.33	-1.29	2	2	0	1800	1800	0
10/24/2023 14:09	43304 WATS_T2	0	0	0	0	0	0	-0.48	-0.44	0	0	0	0	0	0
10/24/2023 14:09	45902 AUBU_T1	2	3	1	1.1	0.8	-0.3	-0.91	-0.9	1	1	0	600	600	0
10/24/2023 14:10	42701 AUGU_T1	3	5	2	0.57	0.44	-0.13	0	0	2	2	0	1800	1800	0
10/24/2023 14:10	52402 GRPA_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/24/2023 14:10	43304 WATS_T2	0	0	0	0	0	0	-0.96	-0.89	0	0	0	0	0	0
10/24/2023 14:11	41501 FAIR_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/24/2023 14:11	45902 AUBU_T1	2	3	1	1.1	0.8	-0.3	-0.9	-0.81	1	1	0	600	600	0
10/24/2023 14:11	43304 WATS_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/24/2023 14:11	42701 AUGU_T1	3	5	2	0.57	0.44	-0.13	0	0	2	2	0	1800	1800	0
10/24/2023 14:12	42701 AUGU_T1	3	5	2	0.57	0.44	-0.13	0	0	2	2	0	1800	1800	0
10/24/2023 14:13	41502 FAIR_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/24/2023 14:13	46602 LACR_T1	3	4	1	0.27	0.7	0.43	-1.21	-1.21	0	0	0	0	0	0
10/24/2023 14:15	40902 JESH_T1	0	0	0	0	0	0	-0.61	-0.67	2	2	0	1200	1200	0
10/24/2023 14:16	42001 MNVL_T2	1	1	0	0.4	0.2	-0.2	-0.01	-0.04	0	0	0	0	0	0
10/24/2023 14:16	42902 MIDD_T2	0	2	2	0	0.4	0.4	-0.83	-0.89	1	1	0	600	600	0
10/24/2023 14:17	65601 CJVIL_T2	6	6	0	0.3	0.33	0.03	0	0	0	0	0	0	0	0
10/24/2023 14:17	43202 MVIL_T2	1	31	30	1	0.2	-0.8	-0.666	-0.68	0	0	0	0	0	0
10/24/2023 14:17	42902 MIDD_T2	0	2	2	0	0.4	0.4	-0.83	-0.89	1	1	0	600	600	0
10/24/2023 14:18	66502 SMAN_T2	2	4	2	0.15	0.2	0.05	0	0	0	0	0	0	0	0
10/24/2023 14:18	59302 MCAL_T1	1	1	0	0.1	0.2	0.1	0.19	0.11	1	1	0	600	600	0
10/24/2023 14:18	52004 LING_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/24/2023 14:19	13905 SEID_T1	2	2	0	0.25	0.35	0.1	0	0	0	0	0	0	0	0
10/24/2023 14:19	43202 MVIL_T2	1	31	30	1	0.2	-0.8	0	0	0	0	0	0	0	0
10/24/2023 14:19	42902 MIDD_T2	0	2	2	0	0.4	0.4	-0.83	-0.89	1	1	0	600	600	0
10/24/2023 14:20	66502 SMAN_T2	2	4	2	0.15	0.2	0.05	0	0	0	0	0	0	0	0
10/24/2023 14:20	52401 GRPA_T2	3	3	0	0.23	0.23	0	0	0	0	0	0	0	0	0
10/24/2023 14:21	65603 CJVIL_T2	1	1	0	6.6	6	-0.6	0	0	0	0	0	0	0	0
10/24/2023 14:21	43202 MVIL_T2	1	31	30	1	0.2	-0.8	-0.666	-0.68	0	0	0	0	0	0
10/24/2023 14:21	15103 UPHA_T2	2	2	0	0.6	0.55	-0.05	0.34	0.34	0	0	0	0	0	0
10/24/2023 14:22	46001 BERW_T1	0	0	0	0	0	0	0.9	1	0	0	0	0	0	0
10/24/2023 14:22	42701 AUGU_T1	4	4	0	0.53	0.43	-0.1	0	0	2	2	0	1800	1800	0
10/24/2023 14:22	67402 WAKE_T2	3	4	1	0.43	0.43	0	0.16	0.14	0	0	0	0	0	0
10/24/2023 14:22	49804 UNIV_T1	1	2	1	0.3	0.3	0.5	0.2	0	0	0	0	0	0	0
10/24/2023 14:22	45902 AUBU_T1	3	2	-1	0.8	0.95	0.15	-1.8	-1.61	2	2	0	1200	1200	0
10/24/2023 14:22	52401 GRPA_T2	3	3	0	0.23	0.23	0	0	0	0	0	0	0	0	0
10/24/2023 14:22	66502 SMAN_T2	2	4	2	0.15	0.2	0.05	0	0	0	0	0	0	0	0
10/24/2023 14:22	67502 WEWI_T2	8	4	-4	0.48	0.53	0.05	-0.68	-0.66	0	0	0	0	0	0
10/24/2023 14:23	67401 WAKE_T2	165	213	48	0.24	0.28	0.04	-1.11	-1.13	0	0	0	0	0	0
10/24/2023 14:23	52401 GRPA_T2	3	3	0	0.23	0.23	0	-0.54	-0.53	0	0	0	0	0	0
10/24/2023 14:23	67501 WEWI_T1	1	1	0	0.6	0.4	-0.2	-0.45	-0.52	0	0	0	0	0	0
10/24/2023 14:24	64802 MONE_T2	1	1	0	0.4	0.2	-0.2	-0.01	-0.01	0	0	0	0	0	0
10/24/2023 14:25	49804 UNIV_T1	1	2	1	0.3	0.5	0.2	0	0	0	0	0	0	0	0
10/24/2023 14:25	44802 EDAN_T2	0	0	0	0	0	0	-0.8	-0.77	0	0	0	0	0	0
10/24/2023 14:25	67502 WEWI_T2	8	4	-4	0.48	0.53	0.05	-0.34	-0.33	0	0	0	0	0	0
10/24/2023 14:26	20403 ASHF_T2	7	3	-4	0.54	0.6	0.06	0.3	0.25	0	0	0	0	0	0
10/24/2023 14:26	42701 AUGU_T1	4	4	0	0.53	0.43	-0.1	0	0	2	2	0	1800	1800	0
10/24/2023 14:26	67602 WARW_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/24/2023 14:26	44802 EDAN_T2	0	0	0	0	0	0	-0.77	-0.79	0	0	0	0	0	0
10/24/2023 14:26	46001 BERW_T1	0	0	0	0	0	0	1	0.97	0	0	0	0	0	0
10/24/2023 14:26	67502 WEWI_T2	8	4	-4	0.48	0.53	0.05	-0.33	-0.4	0	0	0	0	0	0
10/24/2023 14:27	20401 ASHF_T2	1	0	-1	0.1	0	-0.1	0	0	0	0	0	0	0	0
10/24/2023 14:27	41501 FAIR_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/24/2023 14:27	67503 WEWI_T2	0	0	0	0	0	0	0.18	0.13	0	0	0	0	0	0
10/24/2023 14:27	67503 WEWI_T2	0	0	0	0	0	0	0.18	0.13	0	0	0	0	0	0
10/24/2023 14:28	64702 LITI_T2	0	0	0	0	0	0	-0.55	-0.55	0	0	0	0	0	0
10/24/2023 14:28	44802 EDAN_T2	0	0	0	0	0	0	-0.77	-0.79	0	0	0	0	0	0
10/24/2023 14:29	59302 MCAL_T1	1	1	0	0.1	0.2	0.1	0.11	0.07	1	1	0	600	600	0
10/24/2023 14:29	46602 LACR_T1	4	4	0	0.7	0.58	-0.12	-1.21	-1.27	0	0	0	0	0	0
10/24/2023 14:31	42002 MNVL_T2	1	1	0	5.8	5.7	-0.1	0	0	0	0	0	0	0	0
10/24/2023 14:31	53901 HALI_T2	3	1	-2	2.2	0.5	-1.7	0	0	0	0	0	0	0	0
10/24/2023 14:31	43202 MVIL_T2	5	31	26	0.4	0.2	-0.2	-0.68	-0.66	0	0	0	0	0	0
10/24/2023 14:31	67505 WEWI_T1	1	0	-1	0.1	0	-0.1	0	0	0	0	0	0	0	0
10/24/2023 14:31	40902 JESH_T1	0	0	0	0	0	0	-0.67	-0.75	2	2	0	1200	1200	0
10/24/2023 14:31	64702 LITI_T2	0	0	0	0	0	0	-1.11	-1.09	0	0	0	0	0	0
10/24/2023 14:32	47403 PENS_T1	1	2	1	2.1	1.25	-0.85	0	0	0	0	0	0	0	0
10/24/2023 14:32	52004 LING_T2	5	5	0	0.54	1.1	0.56	0.27	0.27	0	0	0	0	0	0
10/24/2023 14:32	43202 MVIL_T2	5	31	26	0.4	0.2	-0.2	-0.68	-0.66	0	0	0	0	0	0
10/24/2023 14:33	52502 PROG_T2	0	0	0	0	0	0	0.21	0.2	0	0	0	0	0	0
10/24/2023 14:33	47401 PENS_T1	0	0	0	0	0	0	1.11	1.08	0	0	0	0	0	0
10/24/2023 14:33	42902 MIDD_T2	1	2	1	0.4	0.3	-0.1	-0.89	-0.86	1	1	0	600	600	0
10/24/2023 14:34	14801 TREI_T2	6	4	-2	0.37	0.53	0.16	0	0	0	0	0	0	0	0
10/24/2023 14:34	42201 SHEN_T2	2	2	0	0.35	0.8	0.45	0.14	0.15	1	1	0	600	600	0
10/24/2023 14:34	13905 SEID_T1	2	2	0	0.35	0.3	-0.05	0	0	0	0	0	0	0	0
10/24/2023 14:34	66503 SMAN_T2	2	2	0	0.85	0.85	0	0	0	0	0	0	0	0	0
10/24/2023 14:34	65603 CJVIL_T2	1	1	0	6.7	6	-0.7	0	0	0	0	0	0	0	0
10/24/2023 14:35	42902 MIDD_T2	1	2	1	0.4	0.3	-0.1	-0.89	-0.86	1	1	0	600	600	0
10/24/2023 14:35	66502 SMAN_T2	4	4	0	0.2	0.3	0.1	0	0	0	0	0	0	0	0
10/24/2023 14:35	43201 MVIL_T2	0	0	0	0	0	0	-0.41	-0.41	0	0	0	0	0	0
10/24/2023 14:35	13105 NHAM_T2	0	0	0	0	0	0	-0.32	-0.3	1	1	0	1200	1200	0
10/24/2023 14:36	42201 SHEN_T2	2	2	0	0.35	0.8	0.45	0.14	0.15	1	1	0	600	600	0
10/24/2023 14:36	52402 GRPA_T2	27	39	12	0.44	0.42	-0.02	0	0	0	0	0	0	0	0
10/24/2023 14:36	65601 CJVIL_T2	6	10	4	0.32	0.3	-0.02	0	0	0	0	0	0	0	0
10/24/2023 14:36	47403 PENS_T1	1	2	1	2.1	1.25	-0.85	0	0	0	0	0	0	0	0
10/24/2023 14:36	52502 PROG_T2	0	0	0	0	0	0	0.42	0.39	0	0	0	0	0	0
10/24/2023 14:37	66502 SMAN_T2	4	4	0	0.2	0.3	0.1	0	0	0	0	0	0	0	0
10/24/2023 14:37	67502 WEWI_T2	4	11	7	0.53	0.34	-0.19	-0.33	-0.4	0	0	0	0	0	0
10/24/2023 14:37	42701 AUGU_T1	4	3	-1	0.38	0.37	-0.01	0	0	4	4	0	3600	3600	0
10/24/2023 14:37	20403 ASHF_T2	3	3	0	0.6	0.73	0.13	0.3	0.25	0	0	0	0	0	0
10/24/2023 14:37	15103 UPHA_T2	2	2	0	0.55	0.45	-0.1	0.34	0.32	0	0	0	0	0	0
10/24/2023 14:38	49804 UNIV_T1	2	2	0	0.5	0.35	-0.15	0	0	0	0	0	0	0	0
10/24/2023 14:38	42701 AUGU_T1	4	3	-1	0.38	0.37	-0.01	0	0	2	2	0	1800	1800	0
10/24/2023 14:38	52402 GRPA_T2	27	39	12	0.44	0.42	-0.02	0	0	0	0	0	0	0	0
10/24/2023 14:38	67402 WAKE_T2	3	8	5	0.53	0.23	-0.3	0	0	0	0	0	0	0	0
10/24/2023 14:38	45902 AUBU_T1	1	2	1	1.4	0.95	-0.45	-1.61	-1.64	2	2	0	1200	1200	0
10/24/2023 14:39	44802 EDAN_T2	0	0	0	0	0	0	-0.77	-0.79	0	0	0	0	0	0
10/24/2023 14:39	64802 MONE_T2	1	3	2	0.2	0.2	0	-0.01	-0.01	0	0	0	0	0	0
10/24/2023 14:40	64802 MONE_T2	1	3	2	0.2	0.2	0	-0.01	-0.01	0	0	0	0	0	0
10/24/2023 14:41	63802 HEMP_T1	2	5	3	0.4	0.26	-0.14	-0.5	-0.49	0	0	0	0	0	0
10/24/2023 14:41	49804 UNIV_T1	2	2	0	0.5	0.35	-0.15	0	0	0	0	0	0	0	0
10/24/2023 14:41	42701 AUGU_T1	4	3	-1	0.38	0.37	-0.01	0	0	2	2	0	1800	1800	0
10/24/2023 14:41	44802 EDAN_T2	0	0	0	0	0	0	-0.79	-0.78	0	0	0	0	0	0
10/24/2023 14:41	20403 ASHF_T2	3	3	0	0.6	0.73	0.13	0.25	0.15	0	0	0	0	0	0
10/24/2023 14:41	67502 WEWI_T2	4	11	7	0.53	0.34	-0.19	-0.4	-0.32	0	0	0	0	0	0
10/24/2023 14:42	44802 EDAN_T2	0	0	0	0	0	0	-0.79	-0.78	0	0	0	0	0	0
10/24/2023 14:42	45802 HEGI_T2	0	0	0	0	0	0	0.37	0.04	1	1	0	900	900	0
10/24/2023 14:42	67502 WEWI_T2	4	11	7	0.53	0.34	-0.19	-0.8	-0.65	0	0	0	0	0	0
10/24/2023 14:43	67503 WEWI_T2	0	0	0	0	0	0	0.13	-1.27	0	0	0	0	0	0
10/24/2023 14:43	40902 JESH_T1	0	0	0	0	0	0	-0.75	-0.66	2	2	0	1200	1200	0
10/24/2023 14:43	67503 WEWI_T2	0	0	0	0	0	0	0.13	-1.27	0	0	0	0	0	0
10/24/2023 14:46	13105 NHAM_T2	0	0	0	0	0	0	-0.3	-0.29	1	1	0	1200	1200	0
10/24/2023 14:46	53901 HALI_T2	1	1	0	0.1	0.5	0.4	0	0	0	0	0	0	0	0
10/24/2023 14:47	43202 MVIL_T2	31	1	-30	0.2	1	0.8	-0.66	-0.68	0	0	0	0	0	0
10/24/2023 14:47	52503 PROG_T2	0	1	1	0	0.1	0.1	0	0	0	0	0	0	0	0
10/24/2023 14:47	42001 MNVL_T2	1	0	-1	0.2	0	-0.2	-0.03	-0.06	0	0	0	0	0	0
10/24/2023 14:48	43202 MVIL_T2	31	1	-30	0.2	1	0.8	-0.66	-0.68	0	0	0	0	0	0
10/24/2023 14:48	52002 LING_T2	0	1	1	0	0.4	0.4	0	0	0	0	0	0	0	0
10/24/2023 14:48	13302 ORVI_T2	7	7	0	0.47	0.47	0	0.56	0.57	0	0	0	0	0	0
10/24/2023 14:48	52503 PROG_T2	0	0	0	0	0	0	0.2	0.24	0	0	0	0	0	0
10/24/2023 14:49	14403 SSLA_T1	1	2	1	0.5	0.35	-0.15	0.76	0.79	0	0	0	0	0	0
10/24/2023 14:50	43202 MVIL_T2	31	1	-30	0.2	1	0.8	0	0	0	0	0	0	0	0
10/24/2023 14:52	42201 SHEN_T2	2	2	0	0.8	0.75	-0.05	0.15	0.08	1	1	0	600	600	0
10/24/2023 14:53	60101 COCA_T1	4	5	1	0.23	0.32	0.09	0.26	0.25	0	0	0	0	0	0
10/24/2023 14:54	14402 SSLA_T1	2	3	1	0.5	0.6	0.1	0	0	0	0	0	0	0	0
10/24/2023 14:54	46001 BERW_T1	0	0	0	0	0	0	0.97	0.94	0	0	0	0	0	0
10/24/2023 14:54	28604 BLYT_T2	0	0	0	0	0	0	-1.45	-1.45	0	0	0	0	0	0
10/24/2023 14:56	54504 ENOL_T2	0	1	1	0	0.2	0.2	0	0	0	0	0	0	0	0
10/24/2023 14:56	28604 BLYT_T2	0	0	0	0	0	0	-1.45	-1.46	0	0	0	0	0	0
10/24/2023 14:57	54504 ENOL_T2	0	1	1	0	0.2	0.2	0	0	0	0	0	0	0	0
10/24/2023 14:57	60101 COCA_T1	4	5	1	0.23	0.32	0.09	0.25	0.26	0	0	0	0	0	0
10/24/2023 14:58	54502 ENOL_T2	1	4	3	0.1	0.3	0.2	-1.42	-1.41	0	0	0	0	0	0
10/24/2023 14:58	54501 ENOL_T2	0	4	4	0	0.6	0.6	0.07	0.08	0	0	0	0	0	0
10/24/2023 14:58	54504 ENOL_T2	0	1	1	0	0.2	0.2	0	0	0	0	0	0	0	0
10/24/2023 15:00	15001 BLMO_T1	1	1	0	0.2	0.3	0.1	0	0	0	0	0	0	0	0
10/24/2023 15:00	46602 LACR_T1	1	2	1	0.5	0.45	-0.05	-1.21	-1.19	0	0	0	0	0	0
10/24/2023 15:00	45001 LIME_2	2	6	4	0.3	0.27	-0.03	0	0	0	0	0	0	0	0
10/24/2023 15:00	59302 MCAL_T1	1	2	1	0.4	0.1	-0.3	0.04	0.06	1	1	0	600	600	0
10/24/2023 15:01	53903 HALI_T2	3	3	0	1.1	1.13	0.03	-0.18	-0.18	0	0	0	0	0	0
10/24/2023 15:01	54505 ENOL_T2	1	1	0	1.3	1.6	0.3	-1.4	-1.4	1	1	0	600	600	0
10/24/2023 15:01	42902 MIDD_T2	0	1	1	0	0.1	0.1	0	0	0	0	0	0	0	0
10/24/2023 15:02	45001 LIME_2	2	6	4	0.3	0.27	-0.03	0	0	0	0	0	0	0	0
10/24/2023 15:02	54202 PENN_T2	2	96	94	0.15	0.13	-0.02	0.71	0.69	0	0	0	0	0	0
10/24/2023 15:03	54206 PENN_T2	2	16	14	0.5	0.21	-0.29	0	0	0	0	0	0	0	0
10/24/2023 15:03	42001 MNVL_T2	0	1	1	0	0.2	0.2	-0.06	-0.05	0	0	0	0	0	0
10/24/2023 15:04	60502 NMAN_T2	0	0	0	0	0	0	-0.01	-0.25	0	0	0	0	0	0
10/24/2023 15:05	56504 ROCK_T2	1	1	0	0.2	0.1	-0.1	-0.36	-0.36	0	0	0	0	0	0
10/24/2023 15:05	52404 GRPA_T2	1	1	0	0.1	0.7	0.6	0	0	0	0	0	0	0	0
10/24/2023 15:05	67002 STHI_T2	159	384	225	0.17	0.18	0.01	0.73	0.69	0	0	0	0	0	0
10/24/2023 15:06	56504 ROCK_T2	1	1	0	0.2	0.1	-0.1	-0.36	-0.36	0	0	0	0	0	0
10/24/2023 15:06	56501 ROCK_T2	14	14	0	0.42	0.41	-0.01	-0.45	-0.46	0	0	0	0	0	0
10/24/2023 15:07	67001 STHI_T2	596	684	88	0.25	0.32	0

10/24/2023 16:55	56501 ROCK_T2	3	2	-1	0.23	0.4	0.17	0	0	0	0	0	0	0
10/24/2023 17:02	40101 HUNT_T2	0	0	0	0	0	0	-0.47	-0.46	0	0	0	0	0
10/24/2023 17:07	59101 WALK_T2	1	2	1	0	5.1	5.1	1.34	1.3	0	0	0	0	0
10/24/2023 19:10	26401 INOR_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
10/24/2023 19:11	13302 ORVI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
10/24/2023 19:12	23301 JEFF_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
10/24/2023 19:12	20401 ASHF_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
10/24/2023 19:14	42701 AUGU_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
10/24/2023 19:14	45902 AUBU_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
10/24/2023 19:15	42503 ALTA_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
10/24/2023 19:16	41501 FAIR_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
10/24/2023 19:16	67001 STHI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
10/24/2023 19:17	52004 LING_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
10/24/2023 19:17	41502 FAIR_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
10/24/2023 19:18	46203 DANV_T2	0	2	2	0	0.1	0.1	0	0	0	0	0	0	0
10/24/2023 19:18	67502 WEWI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
10/24/2023 19:19	46003 BERW_T2	0	1	1	0	0	0	0	0	0	0	0	0	0
10/24/2023 19:19	56504 ROCK_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
10/24/2023 19:19	40602 PIGR_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
10/24/2023 19:20	46301 ROHR_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
10/24/2023 19:20	21606 EYNO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
10/24/2023 19:20	53501 EVIL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
10/24/2023 19:20	60801 BUCK_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
10/24/2023 19:21	52501 PROG_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
10/24/2023 19:21	56802 BENV_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
10/24/2023 19:21	43304 WATS_T2	0	1	1	0	0.4	0.4	0	0	0	0	0	0	0
10/24/2023 19:22	45402 WBLO_T2	18	33	15	0.17	0.21	0.04	0	0	0	0	0	0	0
10/24/2023 19:22	67401 WAKE_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
10/24/2023 19:22	56802 BENV_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
10/24/2023 19:22	46803 HEPB_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
10/24/2023 19:22	54505 ENOL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
10/24/2023 19:22	54206 PENN_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
10/24/2023 19:23	45902 AUBU_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
10/24/2023 19:23	54701 NEBL_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
10/24/2023 19:23	56802 BENV_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
10/24/2023 19:23	56501 ROCK_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
10/24/2023 19:23	60604 NCOL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
10/24/2023 19:23	46302 ROHR_T1	6	3	-3	0.78	2.4	1.62	0	0	0	0	0	0	0
10/24/2023 19:24	43301 WATS_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
10/24/2023 19:24	53501 EVIL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
10/24/2023 19:24	42902 MIDD_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
10/24/2023 19:24	46203 DANV_T2	0	2	2	0	0.1	0.1	0	0	0	0	0	0	0
10/24/2023 19:24	40602 PIGR_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
10/24/2023 19:24	63802 HEMP_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
10/24/2023 19:25	42903 MIDD_T2	2	2	0	0.9	1	0.1	0	0	0	0	0	0	0
10/24/2023 19:25	52402 GRPA_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
10/24/2023 19:26	45802 HEGI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
10/24/2023 19:26	67602 WARW_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
10/24/2023 19:27	53903 HALI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
10/24/2023 19:27	47403 PENS_T1	0	1	1	0	0.1	0.1	0	0	0	0	0	0	0
10/24/2023 19:27	52402 GRPA_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
10/24/2023 19:28	61303 EARL_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
10/24/2023 19:28	54505 ENOL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
10/24/2023 19:28	60801 BUCK_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
10/24/2023 19:29	42902 MIDD_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
10/24/2023 19:29	56802 BENV_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
10/24/2023 19:29	67001 STHI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
10/24/2023 19:29	66302 MCGO_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
10/24/2023 19:54	51301 WIND_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
10/24/2023 20:04	26401 INOR_T1	0	10	10	0	0.12	0.12	0.13	0.16	0	0	0	0	0
10/24/2023 20:06	17805 GILB_T2	0	0	0	0	0	0	-0.14	-0.14	0	0	0	0	0
10/24/2023 20:09	29401 BELT_T1	75	112	37	0.31	0.32	0.01	0	0	0	0	0	0	0
10/24/2023 20:09	61303 EARL_T1	0	0	0	0	0	0	0.16	0.12	0	0	0	0	0
10/24/2023 20:10	17805 GILB_T2	0	0	0	0	0	0	-0.14	-0.14	0	0	0	0	0
10/24/2023 20:10	16301 ALPA_T1	2	18	16	0.3	0.14	-0.16	-0.49	-0.49	0	0	0	0	0
10/24/2023 20:10	17802 GILB_T1	0	0	0	0	0	0	-0.06	-0.03	0	0	0	0	0
10/24/2023 20:10	29402 BELT_T1	1	1	0	8.5	8.5	0	0	0	0	0	0	0	0
10/24/2023 20:10	16302 ALPA_T2	0	0	0	0	0	0	0.6	0.66	0	0	0	0	0
10/24/2023 20:10	13901 SEID_T1	0	0	0	0	0	0	0.18	0.2	0	0	0	0	0
10/24/2023 20:11	10805 CHHI_T2	1	1	0	8.4	7.9	-0.5	-0.6	-0.61	0	0	0	0	0
10/24/2023 20:11	14802 TREI_T2	0	1	1	0	0	0	0.27	0.28	0	0	0	0	0
10/24/2023 20:12	12701 MACU_T1	0	0	0	0	0	0	0.03	0.03	0	0	0	0	0
10/24/2023 20:12	65001 NEFF_T2	12	0	-12	0.1	0	-0.1	0	0	0	0	0	0	0
10/24/2023 20:12	27502 WEIS_T2	0	0	0	0	0	0	-0.71	-0.73	0	0	0	0	0
10/24/2023 20:12	64902 MILL_T2	0	0	0	0	0	0	-0.43	-0.43	0	0	0	0	0
10/24/2023 20:12	14802 TREI_T2	0	1	1	0	0	0	0	0	0	0	0	0	0
10/24/2023 20:12	20403 ASHF_T2	0	0	0	0	0	0	0.09	0.15	0	0	0	0	0
10/24/2023 20:13	67502 WEWI_T2	0	0	0	0	0	0	-0.53	-0.51	0	0	0	0	0
10/24/2023 20:13	64702 LITI_T2	0	0	0	0	0	0	-0.85	-0.81	0	0	0	0	0
10/24/2023 20:13	56603 HAMP_T1	41	111	70	0.14	0.3	0.16	0	0	0	0	0	0	0
10/24/2023 20:13	14801 TREI_T2	0	0	0	0	0	0	0.25	0.25	0	0	0	0	0
10/24/2023 20:13	61801 EELI_T2	4	4	0	0.7	0.85	0.15	-1.02	-1.03	1	1	0	600	600
10/24/2023 20:13	60803 BUCK_T1	20	26	6	0.46	0.42	-0.04	-0.95	-0.98	1	1	0	600	600
10/24/2023 20:13	16302 ALPA_T2	0	0	0	0	0	0	0.66	0.61	0	0	0	0	0
10/24/2023 20:13	66505 SMAN_T2	3	3	0	0.43	0.47	0.04	-0.27	-0.27	2	2	0	1100	1100
10/24/2023 20:14	29401 BELT_T1	75	112	37	0.31	0.32	0.01	0	0	0	0	0	0	0
10/24/2023 20:14	16301 ALPA_T1	2	18	16	0.3	0.14	-0.16	-0.49	-0.48	0	0	0	0	0
10/24/2023 20:14	14403 SSLA_T1	0	0	0	0	0	0	0.72	0.71	0	0	0	0	0
10/24/2023 20:14	62604 ENGL_T1	0	0	0	0	0	0	-1.41	-1.53	1	1	0	600	600
10/24/2023 20:14	64702 LITI_T2	0	0	0	0	0	0	-0.85	-0.81	0	0	0	0	0
10/24/2023 20:14	45902 AUBU_T1	0	0	0	0	0	0	-0.96	-0.95	1	1	0	600	600
10/24/2023 20:15	29402 BELT_T1	1	1	0	8.3	8.5	0.2	0	0	0	0	0	0	0
10/24/2023 20:15	15001 BLMO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
10/24/2023 20:15	42201 SHEN_T2	0	0	0	0	0	0	0.01	0.04	1	1	0	600	600
10/24/2023 20:15	56802 BENV_T2	1	1	0	0.8	0.5	-0.3	-0.81	-0.8	0	0	0	0	0
10/24/2023 20:16	67002 STHI_T2	0	0	0	0	0	0	0.59	0.57	0	0	0	0	0
10/24/2023 20:16	49803 UNIV_T1	0	0	0	0	0	0	-1.22	0.07	0	0	0	0	0
10/24/2023 20:16	12701 MACU_T1	0	0	0	0	0	0	0.03	0.03	0	0	0	0	0
10/24/2023 20:16	42902 MIDD_T2	0	0	0	0	0	0	-0.43	-0.4	0	0	0	0	0
10/24/2023 20:16	45902 AUBU_T1	0	0	0	0	0	0	-0.96	-0.95	1	1	0	600	600
10/24/2023 20:16	59302 MCAL_T1	0	1	1	0	0.3	0.3	0	0	0	0	0	0	0
10/24/2023 20:16	65602 QVIL_T2	0	3	3	0	0.1	0.1	0	0	0	0	0	0	0
10/24/2023 20:16	16302 ALPA_T2	0	0	0	0	0	0	0.66	0.61	0	0	0	0	0
10/24/2023 20:16	16301 ALPA_T1	6	18	12	0.2	0.14	-0.06	-0.49	-0.48	0	0	0	0	0
10/24/2023 20:16	56802 BENV_T2	1	1	0	0.8	0.5	-0.3	-0.81	-0.8	0	0	0	0	0
10/24/2023 20:16	54501 ENOL_T2	2	4	2	0.1	0.3	0.2	0	0	0	0	0	0	0
10/24/2023 20:16	15001 BLMO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
10/24/2023 20:16	20403 ASHF_T2	0	0	0	0	0	0	0.09	0.15	0	0	0	0	0
10/24/2023 20:17	61801 EELI_T2	2	4	2	1.45	0.9	-0.55	0	0	0	0	0	0	0
10/24/2023 20:17	46001 BERW_T1	0	0	0	0	0	0	0.79	0.77	0	0	0	0	0
10/24/2023 20:17	54602 SUMM_T2	0	11	11	0	0.28	0.28	0	0	0	0	0	0	0
10/24/2023 20:17	46501 LOHA_T1	0	0	0	0	0	0	-0.49	-0.5	1	1	0	1200	1200
10/24/2023 20:17	42002 MNVL_T2	1	1	0	3.3	3.1	-0.2	0	0	0	0	0	0	0
10/24/2023 20:17	15001 BLMO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
10/24/2023 20:17	44802 EDAN_T2	0	0	0	0	0	0	-0.95	-0.93	0	0	0	0	0
10/24/2023 20:17	52502 PROG_T2	0	0	0	0	0	0	-0.78	0.22	1	0	-1	900	0
10/24/2023 20:17	59101 WALK_T2	1	1	0	0	0	0	1.06	0.77	0	0	0	0	0
10/24/2023 20:17	56802 BENV_T2	1	1	0	0.8	0.5	-0.3	-0.81	-0.8	0	0	0	0	0
10/24/2023 20:17	51306 WIND_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
10/24/2023 20:17	43302 WATS_T2	1	4	3	2.6	0.28	-2.32	0	0	0	0	0	0	0
10/24/2023 20:17	54204 PENN_T2	3	4	1	0.43	0.55	0.12	0	0	0	0	0	0	0
10/24/2023 20:17	17804 GILB_T2	0	0	0	0	0	0	-0.55	-0.57	0	0	0	0	0
10/24/2023 20:17	44601 SALE_T2	1	1	0	1.2	0	-1.2	1.91	1.85	0	0	0	0	0
10/24/2023 20:17	66504 SMAN_T2	0	0	0	0	0	0	-0.39	-0.47	0	0	0	0	0
10/24/2023 20:17	67502 WEWI_T2	0	0	0	0	0	0	-0.53	-0.51	0	0	0	0	0
10/24/2023 20:17	10805 CHHI_T2	1	1	0	8.3	7.9	-0.4	-0.6	-0.61	0	0	0	0	0
10/24/2023 20:17	61303 EARL_T1	0	0	0	0	0	0	0.12	0.1	0	0	0	0	0
10/24/2023 20:17	42701 AUGU_T1	0	0	0	0	0	0	0	0	2	2	0	1800	1800
10/24/2023 20:18	63804 HEMP_T1	1	1	0	5.4	5.4	0	0	0	0	0	0	0	0
10/24/2023 20:18	29401 BELT_T1	79	114	35	0.32	0.36	0.04	0	0	1	1	0	900	900
10/24/2023 20:18	14802 TREI_T2	1	0	-1	1.5	0	-1.5	0	0	0	0	0	0	0
10/24/2023 20:18	67204 TEHI_T2	0	0	0	0	0	0	-0.56	-0.56	0	0	0	0	0
10/24/2023 20:18	56802 BENV_T2	1	1	0	0.8	0.5	-0.3	-0.81	-0.8	0	0	0	0	0
10/24/2023 20:18	47403 PENS_T1	1	1	0	2.3	2.7	0.4	0	0	0	0	0	0	0
10/24/2023 20:18	53501 EVIL_T2	0	1	1	0	0.3	0.3	-0.2	-0.19	0	0	0	0	0
10/24/2023 20:18	13704 SCHN_T2	0	0	0	0	0	0	-0.42	-0.44	0	0	0	0	0
10/24/2023 20:18	46801 HEPB_T2	2	2	0	0.45	0.55	0.1	0.53	0.53	0	0	0	0	0
10/24/2023 20:18	54502 ENOL_T2	0	1	1	0	0.4	0.4	0	0	0	0	0	0	0
10/24/2023 20:18	28403 HART_T2	0	0	0	0	0	0	-0.67	-0.67	1	1	0	900	900
10/24/2023 20:18	54505 ENOL_T2	1	1	0	1.2	1.4	0.2	-1.39	-1.39	1	1	0	600	600
10/24/2023 20:18	44802 EDAN_T2	0	0	0	0	0	0	-0.95	-0.93	0	0	0	0	0
10/24/2023 20:18	51301 WIND_T1	0	0	0	0	0	0	-0.36	-0.38	0	0	0	0	0
10/24/2023 20:18	67501 WEWI_T1	0	0	0	0	0	0	-0.59	-0.66	0	0	0	0	0
10/24/2023 20:18	67503 WEWI_T2	0	0	0	0	0	0	-0.86	-0.86	0	0	0	0	0
10/24/2023 20:18	15103 LIPHA_T2	0	0	0	0	0	0	0.36	0.38	0	0	0	0	0
10/24/2023 20:18	25801 SUTR_T2	0	0	0	0	0	0	-0.1	-0.1	0	0	0	0	0
10/24/2023 20:18	13302 ORVI_T2	531	994	463	0.24	0.31	0.07	0.62	0.63	0	0	0	0	0
10/24/2023 20:19	60803 BUCK_T1	17	38	21	0.4	0.33	-0.07	-0.95	-0.98	1	1	0	600	600
10/24/2023 20:19	46801 HEPB_T2	2	2	0	0.45	0.55	0.1	0.53	0.53	0	0	0	0	0
10/24/2023 20:19	67402 WAKE_T2	0	0	0	0	0	0	0.16	0.15	0	0	0	0	0
10/24/2023 20:19	67502 WEWI_T2	0	0	0	0	0	0	-0.53	-0.51	0	0	0	0	0
10/24/2023 20:19	67002 STHI_T2	0	0	0	0	0	0	0.59	0.57	0	0	0	0	0
10/24/2023 20:19	61801 EELI_T2	2	4	2	1.45	0.9	-0.55	-1.02	-1.03	1	1	0	600	600
10/24/2023 20:19	45902 AUBU_T1	0	0	0	0	0	0	-0.96	-0.95	1	1	0	600	600
10/24/2023 20:19	28604 BLYT_T2	0	0	0	0	0	0	-1.4	-1.42	0	0	0	0	0
10/24/2023 20:19	54505 ENOL_T2	1	1	0	1.2	1.4	0.2	-1.39	-1.39	1	1	0	600	600
10/24/2023 20:19	60502 NMAN_T2	0	0	0	0	0	0	-0.39	-0.34	0	0	0	0	0
10/24/2023 20:19	46001 BERW_T1	0	0	0	0	0	0	0.79	0.77	0	0	0	0	0
10/24/2023 20:19	67001 STHI_T2	34	99	65	0.12	0.13	0.01	0.03	0.03	0	0	0	0	0
10/24/2023 20:19	40101 HUNT_T2	0	0	0	0	0	0	-0.55	-0.56	0	0	0	0	0
10/24/2023 20:19	28403 HART_T2	0	0	0	0	0	0	-0.67	-0.67	1	1	0	900	900
10/24/2023 20:19	16301 ALPA_T1	6	18	12	0.2	0.14	-0.06	-0.49	-0.48	0	0	0	0	0
10/24/2023 20:19	67605 WARW_T1	0	0	0	0	0	0	-1.14	-1.16	0	0	0	0	0
10/24/2023 20:19	42701 AUGU_T1	0	0	0	0	0	0	0	0	4	4	0	3600	3600
10/24/2023 20:19	58402 MORO_T1	0	0	0	0	0	0	-1.13	-1.23	2	2	0	1500	1500
10/24/2023 20:19	47401 PENS_T1	0	0	0	0	0	0	0.91	0.81	0	0	0	0	0
10/24/2023 20:19	52004 LING_T2	0	0	0	0	0	0	0.14	0.14	0	0	0	0	0
10/24/2023 20:19	41801 GOCI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
10/24/2023 20:20	29402 BELT_T1	1	1	0	8.3	8.5	0.2	0	0	0	0	0	0	0
10/24/2023 20:20	43302 WATS_T2	1	4	3	2.6	0.28	-2.32	0	0	0	0	0	0	0
10/24/2023 20:20	60604 NCOL_T2	0	0	0	0	0	0	0.39	0.35	0	0	0	0	0
10/24/2023 20:20	59302 MCAL_T1	0	1	1	0	0.3	0.3	0.35	0.38	0	0	0	0	0
10/24/2023 20:20	52403 GRPA_T2	0	1	1	0	1.2	1.2	0	0	0	0	0	0	0
10/24/2023 20:20	54602 SUMM_T2	0	11	11	0	0.28	0.28	0	0	0	0	0	0	0
10/24/2023 20:20	65602 QVIL_T2	0	3	3	0	0.1	0.1	0	0	0	0	0	0	0
10/24/2023 20:20	59101 WALK_T2	1	1	0	0	0	0	1.06	0.77	0	0	0	0	0
10/24/2023 20:20	62604 ENGL_T1	0	0	0	0	0	0	-1.41	-1.53	1	1	0	600	600
10/24/2023 20:20	56504 ROCK_T2	0	0	0	0	0	0	-0.19	-0.18	0	0	0	0	0
10/24/2023 20:20	54505 ENOL_T2	1	1	0	1.2	1.4	0.2	0	0	0	0	0	0	0
10/24/2023 20:20	56504 ROCK_T2	0	0	0	0	0	0	-0.19	-0.18	0	0	0	0	0
10/24/2023 20:20	42701 AUGU_T1	0	0	0	0	0	0	0	0	2	2	0	1800	1800
10/24/2023 20:20	16302 ALPA_T2	0	0	0	0	0	0	0.66	0.61	0	0	0	0	0
10/24/2023 20:20	67001 STHI_T2	34	99	65	0.12	0.13	0.01	0	0	0	0	0	0	0
10/24/2023 20:20	14802 TREI_T2	1	0	-1	1.5	0	-1.5	0.27	0.28	0	0	0	0	0
10/24/2023 20:20	46602 LACR_T1	2	4	2	0.1	0.18	0.08	-1.13	-1.2	0	0	0	0	0
10/24/2023 20:20	56802 BENV_T2	1	1	0	0.8	0.5	-0.3	-0.81	-0.8	0	0	0	0	0
10/24/2023 20:20	56801 BENV_T1	3	6	3	0.47	0.48	0.01	-0.38	-0.36	0	0	0	0	0
10/24/2023 20:20	15001 BLMO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
10/24/2023 20:20	43402 BENT_T1	0	0	0	0	0	0	-0.99	-0.98	1	1	0	900	900
10/24/2023 20:21	46301 ROHR_T1	0	0	0	0	0	0	0.13	0.12	0	0	0	0	0
10/24/2023 20:21	43302 WATS_T2	1

10/24/2023 20:22	54501 ENOL_T2	2	4	2	0.1	0.3	0.2	0	0	0	0	0	0	0
10/24/2023 20:22	13105 NHAM_T2	0	0	0	0	0	0	-0.26	-0.26	1	1	0	1200	1200	0
10/24/2023 20:22	62604 ENGL_T1	0	0	0	0	0	0	-2.83	-3.06	2	2	0	1200	1200	0
10/24/2023 20:22	42201 SHEN_T2	0	0	0	0	0	0	0.01	0.04	1	1	0	600	600	0
10/24/2023 20:23	42701 AUGU_T1	0	0	0	0	0	0	0	0	2	2	0	1800	1800	0
10/24/2023 20:23	40902 JESH_T1	0	0	0	0	0	0	-0.78	-0.78	0	0	0	0	0	0
10/24/2023 20:23	46203 DANV_T2	0	3	3	0	0.13	0.13	-0.13	-0.15	0	0	0	0	0	0
10/24/2023 20:23	54504 ENOL_T2	0	0	0	0	0	0	-2.22	-2.21	1	1	0	600	600	0
10/24/2023 20:23	67502 WEWI_T2	0	0	0	0	0	0	-0.53	-0.51	0	0	0	0	0	0
10/24/2023 20:23	51306 WIND_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/24/2023 20:23	45402 WILO_T2	14	42	28	0.12	0.24	0.12	-0.74	-0.78	0	0	0	0	0	0
10/24/2023 20:23	14404 SSLA_T1	1	1	0	0.1	0.3	0.2	0	0	0	0	0	0	0	0
10/24/2023 20:23	63804 HEMP_T1	1	1	0	5.4	5.4	0	0	0	0	0	0	0	0	0
10/24/2023 20:23	67502 WEWI_T2	0	0	0	0	0	0	-0.53	-0.51	0	0	0	0	0	0
10/24/2023 20:23	43302 WATS_T2	1	4	3	2.6	0.28	-2.32	0	0	0	0	0	0	0	0
10/24/2023 20:23	62604 ENGL_T1	0	0	0	0	0	0	-1.41	-1.53	1	1	0	600	600	0
10/24/2023 20:23	45802 HEGI_T2	0	0	0	0	0	0	0.66	0.5	0	0	0	0	0	0
10/24/2023 20:23	66505 SMAN_T2	3	3	0	0.27	0.47	0.2	-0.27	-0.27	2	2	0	1100	1100	0
10/24/2023 20:23	52502 PROG_T2	0	0	0	0	0	0	-0.78	0.22	0	1	1	0	900	900
10/24/2023 20:23	43202 MVIL_T2	0	0	0	0	0	0	-0.74	-0.74	0	0	0	0	0	0
10/24/2023 20:23	56802 BENV_T2	1	1	0	0.8	0.5	-0.3	-0.81	-0.8	0	0	0	0	0	0
10/24/2023 20:24	56802 BENV_T2	1	2	1	0.8	0.5	-0.3	-2.43	-2.4	0	0	0	0	0	0
10/24/2023 20:24	56501 ROCK_T2	1	2	1	0.1	0.1	0	-0.37	-0.39	0	0	0	0	0	0
10/24/2023 20:24	41901 REED_T1	2	5	3	0.25	0.28	0.03	-1.38	-1.4	1	1	0	900	900	0
10/24/2023 20:24	46801 HEPB_T2	2	2	0	0.45	0.55	0.1	0.53	0.53	0	0	0	0	0	0
10/24/2023 20:24	54505 ENOL_T2	1	1	0	1.2	1.4	0.2	-1.39	-1.39	1	1	0	600	600	0
10/24/2023 20:24	49803 UNIV_T1	0	0	0	0	0	0	-1.22	0.07	0	0	0	0	0	0
10/24/2023 20:24	47401 PENS_T1	0	0	0	0	0	0	0.91	0.81	0	0	0	0	0	0
10/24/2023 20:24	54501 ENOL_T2	2	4	2	0.1	0.3	0.2	0	0	0	0	0	0	0	0
10/24/2023 20:24	43202 MVIL_T2	0	0	0	0	0	0	-0.74	-0.74	0	0	0	0	0	0
10/24/2023 20:24	56501 ROCK_T2	1	2	1	0.1	0.1	0	-0.37	-0.39	0	0	0	0	0	0
10/24/2023 20:24	64101 REFR_T1	0	0	0	0	0	0	-0.01	-0.01	0	0	0	0	0	0
10/24/2023 20:24	67203 TEHI_T1	0	0	0	0	0	0	2.35	2.29	2	2	0	1500	1500	0
10/24/2023 20:24	41801 GOCI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/24/2023 20:24	67502 WEWI_T2	0	0	0	0	0	0	-0.53	-0.51	0	0	0	0	0	0
10/24/2023 20:24	12701 MACU_T1	0	0	0	0	0	0	0.03	0.03	0	0	0	0	0	0
10/24/2023 20:24	51301 WIND_T1	0	0	0	0	0	0	-0.36	-0.38	0	0	0	0	0	0
10/24/2023 20:25	56504 ROCK_T2	0	0	0	0	0	0	-0.19	-0.18	0	0	0	0	0	0
10/24/2023 20:25	54501 ENOL_T2	2	4	2	0.1	0.3	0.2	0	0	0	0	0	0	0	0
10/24/2023 20:25	56603 HAMP_T1	61	113	52	0.16	0.38	0.22	0	0	0	0	0	0	0	0
10/24/2023 20:25	43302 WATS_T2	1	4	3	2.6	0.28	-2.32	0	0	0	0	0	0	0	0
10/24/2023 20:25	42903 MIDD_T2	2	2	0	0.55	0.65	0.1	0	0	0	0	0	0	0	0
10/24/2023 20:25	56802 BENV_T2	1	1	0	0.8	0.5	-0.3	-1.62	-1.6	0	0	0	0	0	0
10/24/2023 20:25	67501 WEWI_T1	0	0	0	0	0	0	-0.59	-0.66	0	0	0	0	0	0
10/24/2023 20:25	64303 LINC_T1	0	0	0	0	0	0	-0.28	-0.27	0	0	0	0	0	0
10/24/2023 20:25	44801 EDAN_T2	1	1	0	0.2	0	-0.2	0	0	0	0	0	0	0	0
10/24/2023 20:25	67401 WAKE_T2	57	78	21	0.2	0.19	-0.01	-0.85	-0.88	0	0	0	0	0	0
10/24/2023 20:25	41501 FAIR_T2	0	0	0	0	0	0	-1.03	-1.04	0	0	0	0	0	0
10/24/2023 20:25	66504 SMAN_T2	0	0	0	0	0	0	-0.39	-0.47	0	0	0	0	0	0
10/24/2023 20:25	64802 MONE_T2	0	0	0	0	0	0	-0.01	-0.01	0	0	0	0	0	0
10/24/2023 20:25	45003 LIME_2	1	1	0	3.5	3.7	0.2	0	0	1	1	0	1200	1200	0
10/24/2023 20:25	42701 AUGU_T1	0	0	0	0	0	0	0	0	2	2	0	1800	1800	0
10/24/2023 20:25	13704 SCHN_T2	0	0	0	0	0	0	-0.42	-0.44	0	0	0	0	0	0
10/24/2023 20:26	61801 EEU_T2	2	4	2	1.45	0.9	-0.55	-1.03	-1.02	1	1	0	600	600	0
10/24/2023 20:26	56501 ROCK_T2	1	2	1	0.1	0.1	0	0	0	0	0	0	0	0	0
10/24/2023 20:26	42802 SELI_T1	0	0	0	0	0	0	-1.35	-1.38	0	0	0	0	0	0
10/24/2023 20:26	41902 REED_T1	0	0	0	0	0	0	1.01	1.07	0	0	0	0	0	0
10/24/2023 20:26	51301 WIND_T1	0	0	0	0	0	0	-0.38	-0.29	0	0	0	0	0	0
10/24/2023 20:26	59102 WALK_T2	1	1	0	0.1	0.1	0	0	0	0	0	0	0	0	0
10/24/2023 20:26	15001 BLMO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/24/2023 20:26	52403 GRPA_T2	0	1	1	0	1.2	1.2	-0.07	-0.07	0	0	0	0	0	0
10/24/2023 20:26	54505 ENOL_T2	1	1	0	1.2	1.4	0.2	0	0	0	0	0	0	0	0
10/24/2023 20:27	64802 MONE_T2	0	0	0	0	0	0	-0.01	-0.01	0	0	0	0	0	0
10/24/2023 20:27	54601 SUMM_T2	11	12	1	0.47	0.61	0.14	-1.03	-1.05	1	1	0	1200	1200	0
10/24/2023 20:27	54206 PENN_T2	16	148	132	0.21	0.17	-0.04	0	0	0	0	0	0	0	0
10/24/2023 20:27	41902 REED_T1	0	0	0	0	0	0	1.01	1.07	0	0	0	0	0	0
10/24/2023 20:27	40101 HUNT_T2	0	0	0	0	0	0	-1.12	-1.12	0	0	0	0	0	0
10/24/2023 20:27	43302 WATS_T2	1	4	3	2.6	0.28	-2.32	0	0	0	0	0	0	0	0
10/24/2023 20:27	54204 PENN_T2	3	4	1	0.43	0.55	0.12	0	0	0	0	0	0	0	0
10/24/2023 20:27	42201 SHEN_T2	0	0	0	0	0	0	0.04	0.03	1	1	0	600	600	0
10/24/2023 20:27	54701 NEBL_T1	1	2	1	0.1	0.15	0.05	0	0	1	1	0	600	600	0
10/24/2023 20:27	47403 PENS_T1	1	1	0	2.3	2.7	0.4	0	0	0	0	0	0	0	0
10/24/2023 20:27	53501 EVIL_T2	0	1	1	0	0.3	0.3	-0.19	-0.2	0	0	0	0	0	0
10/24/2023 20:28	43302 WATS_T2	1	4	3	2.6	0.28	-2.32	0	0	0	0	0	0	0	0
10/24/2023 20:28	56801 BENV_T1	3	6	3	0.47	0.48	0.01	-0.18	-0.19	0	0	0	0	0	0
10/24/2023 20:28	12701 MACU_T1	0	0	0	0	0	0	0.03	0.01	0	0	0	0	0	0
10/24/2023 20:29	54503 ENOL_T2	0	0	0	0	0	0	-0.43	-0.44	1	1	0	600	600	0
10/24/2023 20:29	52402 GRPA_T2	4	4	0	1.4	1.73	0.33	0	0	0	0	0	0	0	0
10/24/2023 20:29	41901 REED_T1	2	5	3	0.25	0.28	0.03	0	0	0	0	0	0	0	0
10/24/2023 20:29	51301 WIND_T1	0	0	0	0	0	0	-0.38	-0.29	0	0	0	0	0	0
10/24/2023 20:29	66703 STRA_T1	1	3	2	0.2	0.2	0	-0.33	-0.37	0	0	0	0	0	0
10/24/2023 20:29	56801 BENV_T1	3	6	3	0.47	0.48	0.01	-0.18	-0.19	0	0	0	0	0	0
10/24/2023 20:30	58402 MORO_T1	0	2	2	0	0.2	0.2	-2.47	-2.48	4	4	0	3000	3000	0
10/24/2023 20:31	51306 WIND_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/24/2023 20:31	53903 HALI_T2	2	2	0	1.1	1.25	0.15	-0.18	-0.18	0	0	0	0	0	0
10/24/2023 20:32	54505 ENOL_T2	1	1	0	1.3	1.6	0.3	0	0	0	0	0	0	0	0
10/24/2023 20:38	60101 COCA_T1	0	0	0	0	0	0	0.17	0.21	0	0	0	0	0	0
10/24/2023 20:42	60101 COCA_T1	0	0	0	0	0	0	0.21	0.19	0	0	0	0	0	0
10/25/2023 0:28	54505 ENOL_T2	1	1	0	0.2	0.9	0.7	-2.82	-2.82	2	2	0	1200	1200	0
10/25/2023 0:28	64702 LITI_T2	0	0	0	0	0	0	-0.87	-0.87	0	0	0	0	0	0
10/25/2023 0:28	54202 PENN_T2	0	0	0	0	0	0	0.41	0.39	0	0	0	0	0	0
10/25/2023 0:28	52502 PROG_T2	0	0	0	0	0	0	0.09	0.09	0	0	0	0	0	0
10/25/2023 0:28	10801 CHHI_T1	0	0	0	0	0	0	-1.1	-1.12	1	1	0	900	900	0
10/25/2023 0:28	67002 STHI_T2	0	0	0	0	0	0	0.43	0.43	0	0	0	0	0	0
10/25/2023 0:28	15001 BLMO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/25/2023 1:22	15001 BLMO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/25/2023 1:23	15001 BLMO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/25/2023 1:30	65001 NEFF_T2	1	1	0	0	0.1	0.1	-1.26	-1.29	1	1	0	1200	1200	0
10/25/2023 2:00	65001 NEFF_T2	1	0	-1	0.1	0	-0.1	-1.34	-1.36	1	1	0	1200	1200	0
10/25/2023 2:05	65001 NEFF_T2	1	0	-1	0.1	0	-0.1	-1.34	-1.36	1	1	0	1200	1200	0
10/25/2023 2:23	65001 NEFF_T2	0	3	3	0	0.1	0.1	-1.36	-1.35	1	1	0	1200	1200	0
10/25/2023 2:24	29401 BELT_T1	0	0	0	0	0	0	0	0	1	1	0	900	900	0
10/25/2023 3:01	56504 ROCK_T2	0	0	0	0	0	0	-0.4	-0.39	0	0	0	0	0	0
10/25/2023 3:06	56504 ROCK_T2	0	0	0	0	0	0	-0.4	-0.39	0	0	0	0	0	0
10/25/2023 4:54	65002 NEFF_T2	0	1	1	0	0	0	0	0	0	0	0	0	0	0
10/25/2023 7:17	54701 NEBL_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/25/2023 7:42	46206 DANV_T2	1	1	0	0.9	0.1	-0.8	0	0	0	0	0	0	0	0
10/25/2023 8:17	54701 NEBL_T1	0	1	1	0	0.1	0.1	0	0	1	1	0	600	600	0
10/25/2023 8:20	56802 BENV_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/25/2023 8:21	45902 AUBU_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/25/2023 8:23	56802 BENV_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/25/2023 8:28	45802 HEGI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/25/2023 8:36	13901 SEID_T1	0	0	0	0	0	0	0.21	0.23	0	0	0	0	0	0
10/25/2023 8:36	56802 BENV_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/25/2023 8:40	56603 HAMP_T1	47	63	16	0.14	0.2	0.06	0	0	0	0	0	0	0	0
10/25/2023 8:41	45902 AUBU_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/25/2023 8:41	54502 ENOL_T2	1	1	0	1	1.3	0.3	-4.24	-4.25	2	2	0	1200	1200	0
10/25/2023 8:41	53601 DALM_T2	1	1	0	0.7	1.2	0.5	-0.3	-0.3	1	1	0	900	900	0
10/25/2023 8:43	54502 ENOL_T2	1	2	1	1	1.3	0.3	-2.12	-2.13	1	1	0	600	600	0
10/25/2023 8:43	46203 DANV_T2	0	0	0	0	0	0	-0.1	-0.1	0	0	0	0	0	0
10/25/2023 8:51	56802 BENV_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/25/2023 8:52	13901 SEID_T1	0	0	0	0	0	0	0.23	0.22	0	0	0	0	0	0
10/25/2023 8:52	67401 WAKE_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/25/2023 8:55	43304 WATS_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/25/2023 8:57	26401 INOR_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/25/2023 8:58	40101 HUNT_T2	0	0	0	0	0	0	-0.24	-0.14	0	0	0	0	0	0
10/25/2023 8:59	53501 EVIL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/25/2023 9:08	26603 BROO_T1	0	0	0	0	0	0	0.18	0.18	0	0	0	0	0	0
10/25/2023 9:08	13901 SEID_T1	0	0	0	0	0	0	0.22	0.21	0	0	0	0	0	0
10/25/2023 9:08	59101 WALK_T2	1	1	0	0	0	0	0.28	0.15	0	0	0	0	0	0
10/25/2023 9:12	25801 SUTR_T2	0	0	0	0	0	0	-0.11	-0.12	0	0	0	0	0	0
10/25/2023 9:16	58402 MORO_T1	0	0	0	0	0	0	-1.98	-1.94	3	3	0	2400	2400	0
10/25/2023 9:17	58402 MORO_T1	0	0	0	0	0	0	-1.98	-1.94	3	3	0	2400	2400	0
10/25/2023 9:19	49803 UNIV_T1	0	0	0	0	0	0	-1.1	-1.08	0	0	0	0	0	0
10/25/2023 9:20	56802 BENV_T2	110	163	53	0.19	0.22	0.03	-1.41	-1.41	0	0	0	0	0	0
10/25/2023 9:21	56802 BENV_T2	110	163	53	0.19	0.22	0.03	-1.41	-1.41	0	0	0	0	0	0
10/25/2023 9:23	45902 AUBU_T1	0	0	0	0	0	0	-0.64	-0.69	1	1	0	600	600	0
10/25/2023 9:29	26401 INOR_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/25/2023 9:30	42001 MNVL_T2	0	0	0	0	0	0	0.04	0.02	0	0	0	0	0	0
10/25/2023 9:30	44502 HAMI_T2	1	1	0	2.9	2.8	-0.1	-0.9	-0.92	0	0	0	0	0	0
10/25/2023 9:31	45802 HEGI_T2	0	0	0	0	0	0	0.43	0.58	1	1	0	900	900	0
10/25/2023 9:31	43202 MVIL_T2	0	0	0	0	0	0	-0.65	-0.6	0	0	0	0	0	0
10/25/2023 9:32	43202 MVIL_T2	0	0	0	0	0	0	-0.65	-0.6	0	0	0	0	0	0
10/25/2023 9:32	13503 MCMI_T2	0	0	0	0	0	0	-0.01	-0.01	0	0	0	0	0	0
10/25/2023 9:32	13302 ORVI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/25/2023 9:33	54701 NEBL_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/25/2023 9:34	56802 BENV_T2	156	113	-43	0.21	0.18	-0.03	-2.83	-2.84	0	0	0	0	0	0
10/25/2023 9:37	45901 AUBU_T1	0	0	0	0	0	0	2.05	2.09	0	0	0	0	0	0
10/25/2023 9:38	56802 BENV_T2	156	113	-43	0.21	0.18	-0.03	-1.41	-1.42	0	0	0	0	0	0
10/25/2023 9:38	45902 AUBU_T1	0	0	0	0	0	0	-0.69	-0.72	1	1	0	600	600	0
10/25/2023 9:39	45901 AUBU_T1	0	0	0	0	0	0	2.05	2.09	0	0	0	0	0	0
10/25/2023 9:40	45901 AUBU_T1	0	0	0	0	0	0	2.05	2.09	0	0	0	0	0	0
10/25/2023 9:40	10801 CHHI_T1	0	0	0	0	0	0	-0.95	-0.95	1	1	0	900	900	0
10/25/2023 9:42	45902 AUBU_T1	0	0	0	0	0	0	-0.72	-0.7	1	1	0	600	600	0
10/25/2023 9:45	26401 INOR_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/25/2023 9:48	41901 REED_T1	8	6	-2	0.28	0.35	0.07	-1.25	-1.29	1	1	0	900	900	0
10/25/2023 9:48	13302 ORVI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/25/2023 9:50	43201 MVIL_T2	0	0	0	0	0	0	-0.42	-0.41	0	0	0	0	0	0
10/25/2023 9:50	67001 STHI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/25/2023 9:51	20403 ASHF_T2	0	5	5	0	0.26	0.26	0.13	0.07	0	0	0	0	0	0
10/25/2023 9:52	20403 ASHF_T2	0	5	5	0	0.26	0.26	0.13	0.07	0	0	0	0	0	0
10/25/2023 9:52	64101 REFR_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/25/2023 9:52	15001 BLMO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/25/2023 9:53	60803 BUCK_T1	5	9	4	0.14	0.14	0	0	0	0	0	0	0	0	0
10/25/2023 9:53	67001 STHI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/25/2023 9:54	64802 MONE_T2	0	0	0	0	0	0	-0.01	-0.01	0	0	0	0	0	0
10/25/2023 9:54	43402 BENT_T1	0	0	0	0	0	0	-0.91	-0.89	1	1	0	900	900	0
10/25/2023 9:56	53501 EVIL_T2	4	2	-2	0.25	0.4	0.15	-0.29	-0.27	2	2	0	1200	1200	0
10/25/2023 9:57	62604 ENGL_T1	0	0	0	0	0	0	-1.56	-1.45	1	1	0	600	600	0
10/25/2023 9:57	53501 EVIL_T2	4	2	-2	0.25	0.4	0.15	-0.29	-0.27	2	2	0	1200	1200	0
10/25/2023 9:58	62604 ENGL_T1	0	0	0	0	0	0	-1.56	-1.45	1	1	0	600	600	0
10/25/2023 9:58	53501 EVIL_T2	4	2	-2	0.25	0.4	0.15	-0.29	-0.27	2	2	0	1200	1200	0
10/25/2023 9:59	62604 ENGL_T1	0	0	0	0	0	0	-1.56	-1.45	1	1	0	600	600	0
10/25/2023 10:00	56801 BENV_T1	38	42	4	0.77	0.83	0.06	-0.82	-0.83	1	1	0	600	600	0
10/25/2023 10:00	52503 PROG_T2	0	0	0	0	0	0	-0.74	-0.73	1	1	0	900	900	0
10/25/2023 10:00	46004 BERW_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/25/2023 10:00	13901 SEID_T1	0	0	0	0	0	0	0.18	0.17	0	0	0	0	0	0
10/25/2023 10:00	12604 MACA_T1	0	0	0	0	0	0	0.25	0.23	0	0	0	0	0	0
10/25/2023 10:00	67001 STHI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/25/2023 10:00	20401 ASHF_T2	0	1	1	0	0	0	-0.37	-0.28

Appendix C - Grid Benefits Achieved in Each Instance of Active Management

10/25/2023 10:07	67201 TEHI_T1	0	0	0	0	0	0	0.8	1.06	1	1	0	900	900	0
10/25/2023 10:07	56801 BENV_T1	38	42	4	0.77	0.83	0.06	-0.82	-0.83	1	1	0	600	600	0
10/25/2023 10:07	56802 BENV_T2	59	38	-21	0.15	0.16	0.01	-1.42	-1.41	0	0	0	0	0	0
10/25/2023 10:08	60801 BUCK_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/25/2023 10:08	59101 WALK_T2	1	1	0	0	0	0	0.36	0.32	0	0	0	0	0	0
10/25/2023 10:08	20401 ASHF_T2	0	1	1	0	0	0	0	0	0	0	0	0	0	0
10/25/2023 10:08	66703 STRA_T1	0	1	1	0	0.3	0.3	-0.21	-0.21	0	0	0	0	0	0
10/25/2023 10:09	60803 BUCK_T1	3	10	7	0.1	0.16	0.06	0	0	0	0	0	0	0	0
10/25/2023 10:09	67203 TEHI_T1	0	0	0	0	0	0	2.37	2.35	2	2	0	1500	1500	0
10/25/2023 10:10	53601 DALM_T2	1	1	0	0.9	0.8	-0.1	-0.41	-0.37	1	1	0	900	900	0
10/25/2023 10:10	42701 AUGU_T1	1	1	0	0.2	0.2	0	0	0	2	2	0	1800	1800	0
10/25/2023 10:11	26603 BROO_T1	0	0	0	0	0	0	0.15	0.17	0	0	0	0	0	0
10/25/2023 10:11	53501 EVIL_T2	2	8	6	0.4	0.59	0.19	-0.27	-0.35	2	2	0	1200	1200	0
10/25/2023 10:12	46803 HEPB_T2	0	1	1	0	0.2	0.2	0.44	0.5	0	0	0	0	0	0
10/25/2023 10:12	44502 HAMI_T2	1	1	0	2.6	2.9	0.3	-0.91	-0.81	0	0	0	0	0	0
10/25/2023 10:12	62605 ENGL_T1	27	7	-20	0.2	0.19	-0.01	0	0	0	0	0	0	0	0
10/25/2023 10:12	17804 GILB_T2	1	1	0	0.2	0.2	0	-0.59	-0.6	0	0	0	0	0	0
10/25/2023 10:12	10801 CHAN_T1	0	0	0	0	0	0	-0.92	-0.93	1	1	0	900	900	0
10/25/2023 10:12	53501 EVIL_T2	2	8	6	0.4	0.59	0.19	-0.27	-0.35	2	2	0	1200	1200	0
10/25/2023 10:13	62604 ENGL_T1	0	0	0	0	0	0	-2.89	-3	2	2	0	1200	1200	0
10/25/2023 10:13	52403 GRPA_T2	0	6	6	0	0.42	0.42	0.17	0.06	0	0	0	0	0	0
10/25/2023 10:13	53501 EVIL_T2	2	8	6	0.4	0.59	0.19	-0.27	-0.35	2	2	0	1200	1200	0
10/25/2023 10:13	63802 HEMP_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/25/2023 10:13	40902 JESH_T1	0	0	0	0	0	0	-0.44	-0.41	2	2	0	1200	1200	0
10/25/2023 10:13	45802 HEGI_T2	0	0	0	0	0	0	0.54	0.35	1	1	0	900	900	0
10/25/2023 10:14	28403 HART_T2	0	0	0	0	0	0	-0.83	-0.84	1	1	0	900	900	0
10/25/2023 10:14	62605 ENGL_T1	27	7	-20	0.2	0.19	-0.01	0	0	0	0	0	0	0	0
10/25/2023 10:15	41801 GOCI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/25/2023 10:15	56603 HAMP_T1	20	7	-13	0.11	0.1	-0.01	0	0	0	0	0	0	0	0
10/25/2023 10:15	46803 HEPB_T2	0	1	1	0	0.3	0.3	0	0	0	0	0	0	0	0
10/25/2023 10:16	43202 MVIL_T2	0	3	3	0	0.13	0.13	0	0	0	0	0	0	0	0
10/25/2023 10:16	49804 UNIV_T1	2	2	0	0.35	0.4	0.05	0	0	0	0	0	0	0	0
10/25/2023 10:16	65001 NEFF_T2	0	0	0	0	0	0	-0.55	-0.5	1	1	0	1200	1200	0
10/25/2023 10:16	51201 MTON_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/25/2023 10:17	54701 NEBL_T1	0	0	0	0	0	0	0	0	1	1	0	600	600	0
10/25/2023 10:17	40902 JESH_T1	0	0	0	0	0	0	-0.44	-0.41	2	2	0	1200	1200	0
10/25/2023 10:17	66302 MCGO_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/25/2023 10:18	13302 ORVI_T2	11	26	15	0.17	0.23	0.06	1.02	1.01	0	0	0	0	0	0
10/25/2023 10:18	59301 MCAL_T1	2	3	1	0.7	0.7	0	0	0	0	0	0	0	0	0
10/25/2023 10:18	43202 MVIL_T2	0	3	3	0	0.13	0.13	-0.6	-0.6	0	0	0	0	0	0
10/25/2023 10:18	12701 MACU_T1	0	0	0	0	0	0	0.09	0.07	0	0	0	0	0	0
10/25/2023 10:18	66505 SMAN_T2	0	0	0	0	0	0	0.39	0.4	2	2	0	1100	1100	0
10/25/2023 10:19	56802 BENV_T2	2	55	53	0.75	0.17	-0.58	-1.41	-1.45	0	0	0	0	0	0
10/25/2023 10:19	12701 MACU_T1	0	0	0	0	0	0	0.09	0.07	0	0	0	0	0	0
10/25/2023 10:19	13503 MCMI_T2	0	0	0	0	0	0	-0.01	-0.01	0	0	0	0	0	0
10/25/2023 10:20	64802 MONE_T2	0	34	34	0	0.16	0.16	-0.01	-0.01	0	0	0	0	0	0
10/25/2023 10:20	43202 MVIL_T2	0	3	3	0	0.13	0.13	-0.6	-0.6	0	0	0	0	0	0
10/25/2023 10:21	45902 AUBU_T1	0	0	0	0	0	0	-0.67	-0.7	1	1	0	600	600	0
10/25/2023 10:21	46302 ROHR_T1	4	4	0	1.63	1.35	-0.28	0	0	0	0	0	0	0	0
10/25/2023 10:21	56503 ROCK_T2	0	16	16	0	0.15	0.15	0	0	0	0	0	0	0	0
10/25/2023 10:21	51302 WIND_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/25/2023 10:23	67502 WEWI_T2	1	0	-1	0.5	0	-0.5	-0.21	-0.13	0	0	0	0	0	0
10/25/2023 10:23	56802 BENV_T2	2	55	53	0.75	0.17	-0.58	-1.41	-1.45	0	0	0	0	0	0
10/25/2023 10:23	15001 BLMO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/25/2023 10:24	40201 BEGA_T2	1	1	0	0	0	0	0	0	0	0	0	0	0	0
10/25/2023 10:24	67502 WEWI_T2	1	0	-1	0.5	0	-0.5	-0.21	-0.13	0	0	0	0	0	0
10/25/2023 10:25	61303 EARL_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/25/2023 10:25	15001 BLMO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/25/2023 10:25	40201 BEGA_T2	1	1	0	0	0	0	0	0	0	0	0	0	0	0
10/25/2023 10:26	17804 GILB_T2	0	2	2	0	0.5	0.5	0	0	0	0	0	0	0	0
10/25/2023 10:26	67502 WEWI_T2	1	0	-1	0.5	0	-0.5	-0.13	-0.25	0	0	0	0	0	0
10/25/2023 10:27	15001 BLMO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/25/2023 10:27	17802 GILB_T1	0	0	0	0	0	0	0.07	0.03	0	0	0	0	0	0
10/25/2023 10:29	26402 INOR_T1	1	0	-1	7.1	0	-7.1	0	0	0	0	0	0	0	0
10/25/2023 10:31	23301 JEFF_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/25/2023 10:31	12701 MACU_T1	0	0	0	0	0	0	0.07	0.06	0	0	0	0	0	0
10/25/2023 10:31	54505 ENOL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/25/2023 10:32	58402 MORO_T1	0	1	1	0	0.1	0.1	0	0	0	0	0	0	0	0
10/25/2023 10:33	12701 MACU_T1	0	0	0	0	0	0	0.07	0.06	0	0	0	0	0	0
10/25/2023 10:33	42001 MNVL_T2	0	6	6	0	0.2	0.2	0.04	0.07	0	0	0	0	0	0
10/25/2023 10:35	65603 QVIL_T2	1	1	0	6.7	6.5	-0.2	0	0	0	0	0	0	0	0
10/25/2023 10:35	64101 REFR_T1	0	0	0	0	0	0	0.03	0.05	0	0	0	0	0	0
10/25/2023 10:36	45901 AUBU_T1	0	0	0	0	0	0	2.07	2.08	0	0	0	0	0	0
10/25/2023 10:36	67001 STHI_T2	300	608	308	0.15	0.25	0.1	0	0	0	0	0	0	0	0
10/25/2023 10:36	65603 QVIL_T2	1	1	0	6.7	6.5	-0.2	0	0	0	0	0	0	0	0
10/25/2023 10:37	67002 STHI_T2	12	216	204	0.1	0.18	0.08	0.69	0.69	0	0	0	0	0	0
10/25/2023 10:37	67002 STHI_T2	12	216	204	0.1	0.18	0.08	0.69	0.69	0	0	0	0	0	0
10/25/2023 10:38	60101 COCA_T1	0	1	1	0	0.1	0.1	0.33	0.43	0	0	0	0	0	0
10/25/2023 10:38	67001 STHI_T2	300	608	308	0.15	0.25	0.1	0	0	0	0	0	0	0	0
10/25/2023 10:38	46206 DANV_T2	1	1	0	0.1	0.2	0.1	0	0	0	0	0	0	0	0
10/25/2023 10:39	46206 DANV_T2	1	1	0	0.1	0.2	0.1	0	0	0	0	0	0	0	0
10/25/2023 10:39	28604 BLYT_T2	0	0	0	0	0	0	-1.42	-1.43	0	0	0	0	0	0
10/25/2023 10:39	67001 STHI_T2	300	608	308	0.15	0.25	0.1	0	0	0	0	0	0	0	0
10/25/2023 10:40	16302 ALPA_T2	0	0	0	0	0	0	0.71	0.69	0	0	0	0	0	0
10/25/2023 10:41	53903 HALI_T2	2	2	0	1.2	1.7	0.5	-0.13	-0.12	0	0	0	0	0	0
10/25/2023 10:41	61803 EELI_T2	0	1	1	0	0.2	0.2	0	0	0	0	0	0	0	0
10/25/2023 10:41	45902 AUBU_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/25/2023 10:41	16302 ALPA_T2	0	0	0	0	0	0	1.39	1.41	0	0	0	0	0	0
10/25/2023 10:43	40101 HUNT_T2	1	0	-1	0.2	0	-0.2	-0.23	-0.14	0	0	0	0	0	0
10/25/2023 10:43	60101 COCA_T1	0	1	1	0	0.1	0.1	0.43	0.32	0	0	0	0	0	0
10/25/2023 10:44	45702 LIND_T2	0	1	1	0	0.2	0.2	-0.42	-0.44	0	0	0	0	0	0
10/25/2023 10:47	46501 LOHA_T1	1	1	0	0.2	0.4	0.2	-0.63	-0.56	1	1	0	1200	1200	0
10/25/2023 10:47	53903 HALI_T2	2	6	4	1.5	0.8	-0.7	-0.13	-0.12	0	0	0	0	0	0
10/25/2023 10:47	64101 REFR_T1	0	0	0	0	0	0	0.05	0.04	0	0	0	0	0	0
10/25/2023 10:48	41902 REED_T1	0	0	0	0	0	0	0.98	1.05	0	0	0	0	0	0
10/25/2023 10:48	64101 REFR_T1	0	0	0	0	0	0	0.14	0.11	0	0	0	0	0	0
10/25/2023 10:49	66501 SMAN_T2	0	2	2	0	0.75	0.75	0	0	0	0	0	0	0	0
10/25/2023 10:49	61202 REIN_T1	60	61	1	1.39	1.56	0.17	0	0	0	0	0	0	0	0
10/25/2023 10:49	41902 REED_T1	0	0	0	0	0	0	0.98	1.05	0	0	0	0	0	0
10/25/2023 10:50	41902 REED_T1	0	0	0	0	0	0	0.98	1.05	0	0	0	0	0	0
10/25/2023 10:51	13704 SCHN_T2	1	1	0	0.3	0.3	0	-0.39	-0.44	0	0	0	0	0	0
10/25/2023 10:51	67401 WAKE_T2	12	195	183	0.13	0.24	0.11	-0.83	-0.82	0	0	0	0	0	0
10/25/2023 10:51	67503 WEWI_T2	0	0	0	0	0	0	-0.47	-0.49	0	0	0	0	0	0
10/25/2023 10:52	13704 SCHN_T2	1	1	0	0.3	0.3	0	-0.39	-0.44	0	0	0	0	0	0
10/25/2023 10:52	46302 ROHR_T1	4	4	0	1.28	1.48	0.2	0	0	0	0	0	0	0	0
10/25/2023 10:52	64101 REFR_T1	0	0	0	0	0	0	0.09	0.07	0	0	0	0	0	0
10/25/2023 10:53	16301 ALPA_T1	2	3	1	0.25	0.63	0.38	-0.41	-0.4	0	0	0	0	0	0
10/25/2023 10:54	67503 WEWI_T2	0	0	0	0	0	0	-0.47	-0.49	0	0	0	0	0	0
10/25/2023 10:54	28604 BLYT_T2	0	0	0	0	0	0	-1.43	-1.44	0	0	0	0	0	0
10/25/2023 10:54	59101 WALK_T2	1	1	0	0	0	0	0.43	0.56	0	0	0	0	0	0
10/25/2023 10:54	16301 ALPA_T1	2	3	1	0.25	0.63	0.38	-0.41	-0.4	0	0	0	0	0	0
10/25/2023 10:55	56603 HAMP_T1	6	123	117	0.1	0.3	0.2	0	0	0	0	0	0	0	0
10/25/2023 10:56	54505 ENOL_T2	1	1	0	0.9	1.3	0.4	0	0	0	0	0	0	0	0
10/25/2023 10:56	20601 GRWO_T2	0	1	1	0	0	0	0.46	0.53	0	0	0	0	0	0
10/25/2023 10:56	67502 WEWI_T2	0	17	17	0	0.22	0.22	0	0	0	0	0	0	0	0
10/25/2023 10:56	15001 BLMO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/25/2023 10:57	16301 ALPA_T1	2	3	1	0.25	0.63	0.38	-0.4	-0.4	0	0	0	0	0	0
10/25/2023 10:59	54502 ENOL_T2	1	3	2	0.4	0.33	-0.07	0	0	0	0	0	0	0	0
10/25/2023 11:01	56504 ROCK_T2	0	2	2	0	0.15	0.15	-0.16	-0.27	0	0	0	0	0	0
10/25/2023 11:01	64301 LINC_T1	0	0	0	0	0	0	0.03	0.18	1	1	0	600	600	0
10/25/2023 11:01	58401 MORO_T1	7	4	-3	0.31	0.4	0.09	-0.9	-0.92	1	1	0	600	600	0
10/25/2023 11:01	28403 HART_T2	0	0	0	0	0	0	-0.81	-0.81	1	1	0	900	900	0
10/25/2023 11:02	42902 MIDD_T2	1	3	2	0.1	0.3	0.2	-0.95	-0.94	1	1	0	600	600	0
10/25/2023 11:02	49803 UNIV_T1	0	4	4	0	0.1	0.1	-1.07	-1.05	0	0	0	0	0	0
10/25/2023 11:02	58402 MORO_T1	1	0	-1	0.1	0	-0.1	-1.95	-1.01	3	2	-1	2400	1500	-900
10/25/2023 11:02	58401 MORO_T1	7	4	-3	0.31	0.4	0.09	-0.9	-0.92	1	1	0	600	600	0
10/25/2023 11:03	58402 MORO_T1	1	0	-1	0.1	0	-0.1	0	0	0	0	0	0	0	0
10/25/2023 11:03	42902 MIDD_T2	1	3	2	0.1	0.3	0.2	-0.95	-0.94	1	1	0	600	600	0
10/25/2023 11:04	65001 NEFF_T2	0	2	2	0	0.1	0.1	-0.52	-0.3	1	1	0	1200	1200	0
10/25/2023 11:04	58401 MORO_T1	7	4	-3	0.31	0.4	0.09	-0.9	-0.92	1	1	0	600	600	0
10/25/2023 11:04	56603 HAMP_T1	64	123	59	0.21	0.3	0.09	0	0	0	0	0	0	0	0
10/25/2023 11:05	58401 MORO_T1	7	4	-3	0.31	0.4	0.09	-0.9	-0.92	1	1	0	600	600	0
10/25/2023 11:05	61202 REIN_T1	60	61	1	1.26	1.54	0.28	0	0	0	0	0	0	0	0
10/25/2023 11:05	44601 SALE_T2	0	1	1	0	0	0	0.35	1.23	1	1	0	600	600	0
10/25/2023 11:06	13704 SCHN_T2	1	2	1	0.3	0.3	0	-0.44	-0.4	0	0	0	0	0	0
10/25/2023 11:06	44601 SALE_T2	0	1	1	0	0	0	0.35	1.23	1	1	0	600	600	0
10/25/2023 11:06	27502 WEIS_T2	0	0	0	0	0	0	-0.53	-0.58	0	0	0	0	0	0
10/25/2023 11:06	66505 SMAN_T2	0	0	0	0	0	0	0.32	0.36	2	2	0	1100	1100	0
10/25/2023 11:07	54001 SDLE_T1	8	8	0	0.71	0.89	0.18	0	0	1	0	-1	600	0	-600
10/25/2023 11:08	54001 SDLE_T1	8	8	0	0.71	0.89	0.18	0	0	0	0	0	0	0	0
10/25/2023 11:08	67401 WAKE_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/25/2023 11:09	60803 BUCK_T1	6	21	15	0.15	0.3	0.15	-0.9	-0.89	1	1	0	600	600	0
10/25/2023 11:09	16302 ALPA_T2	0	1	1	0	0.2	0.2	0.7	0.64	0	0	0	0	0	0
10/25/2023 11:10	54505 ENOL_T2	1	1	0	1	1.3	0.3	0	0	0	0	0	0	0	0
10/25/2023 11:10	54505 ENOL_T2	1	1	0	1	1.3	0.3	0	0	0	0	0	0	0	0
10/25/2023 11:10	60801 BUCK_T1	1	18	17	0.1	0.19	0.09	0	0	0	0	0	0	0	0
10/25/2023 11:10	13302 ORVI_T2	32	56	24	0.18	0.21	0.03	0.98	0.99	0	0	0	0	0	0
10/25/2023 11:10	42701 AUGU_T1	0	2	2	0	0.1	0.1	0	0	2	2	0	1800	1800	0
10/25/2023 11:11	42701 AUGU_T1	0	2	2	0	0.1	0.1	0	0	2	2	0	1800	1800	0
10/25/2023 11:12	54502 ENOL_T2	1	4	3	0.5	0.3	-0.2	0	0	0	0	0	0	0	0
10/25/2023 11:13	54501 ENOL_T2	4	4	0	0.15	0.63	0.48	-0.58	-0.58	1	1	0	600	600	0
10/25/2023 11:13	54502 ENOL_T2	1	4	3	0.5	0.3	-0.2	-1.48	-1.42	0	0	0	0	0	0
10/25/2023 11:13	54505 ENOL_T2	1	1	0	1	1.3	0.3	0	0	0	0	0	0	0	0
10/25/2023 11:14	41801 GOCI_T2	0	2	2	0	0.5	0.5	0	0	0	0	0	0	0	0
10/25/2023 11:14	42902 MIDD_T2	1	3	2	0.1	0.3	0.2	0	0	0	0	0	0	0	0
10/25/2023 11:14	63801 HEMP_T1	0	64	64	0	0.21	0.21	0	0	0	0	0	0	0	0
10/25/2023 11:14	54502 ENOL_T2	1	4	3	0.5	0.3	-0.2	0	0	0	0	0	0	0	0
10/25/2023 11:15	63801 HEMP_T1	64	6	-58	0.21	0.23	0.02	0	0	0	0	0	0	0	0
10/25/2023 11:15	56504 ROCK_T2	0	2	2	0	0.25	0.25	-0.27	-0.35	0	0	0	0	0	0
10/25/2023 11:15	52402 GRPA_T2	17	47	30	0.72	0.56	-0.16	0	0	0	0	0	0	0	0
10/25/2023 11:15	42902 MIDD_T2	1	18	17	0.2	0.41	0.21	0	0	0	0	0	0	0	0
10/25/2023 11:16	54504 ENOL_T2	1	1	0	0.3	1	0.7	0	0	0	0	0	0	0	0
10/25/2023 11:16	63801 HEMP_T1	64	6	-58	0.21	0.23	0.02	0	0	0	0	0	0	0	0
10/25/2023 11:16	57702 PAXT_T1	1	1	0	0.1	0.8	0.7	-0.04	-0.04	0	0	0	0	0	0
10/25/2023 11:17	56503 ROCK_T2	129	122	-7	0.24	0.2	-0.04	0	0	0	0	0	0	0	0
10/25/2023 11:18	52403 GRPA_T2	2	17	15	0.15	0.52	0.37	0.05	0.08	0	0	0	0	0	0
10/25/2023 11:19	52404 GRPA_T2	0	1	1	0	0.7	0.7	0	0	0	0	0	0	0	0
10/25/2023 11:19	66502 SMAN_T2	8	11	3	0.24	0.27	0.03	0	0	0	0	0	0	0	0
10/25/2023 11:19	56801 BENV_T1	54	58	4	1.1	1.28	0.18	-0.82	-0.79	1	1	0	600	600	0
10/25/2023 11:19	54701 NEBL_T1	4	5	1	0.18	0.2	0.02	0	0	1	1	0	600	600	0
10/25/2023 11:19	57702 PAXT_T1	1	1	0	0.1	0.8	0.7	-0.04	-0.04	0	0	0	0	0	0
10/25/2023 11:19	42902 MIDD_T2	1	18	17	0.2	0.41	0.21	0	0	0	0	0	0	0	0
10/25/2023 11:20	61202 REIN_T1	61	60	-1	1.54	0.88	-0.66	0	0	0	0	0	0	0	0
10/25/2023 11:21	66703 STRA_T1	0	12	12	0	0.29	0.29	-0.19	-0.14	0	0	0	0	0	0
10/25/2023 11:21	61202 REIN_T1	61	60	-1	1.54	0.88	-0.66	0	0	0	0	0	0	0	0
10/25/2023 11:21	56803 BENV_T1	4	7	3	0.78	1	0.22	0	0	0	0	0	0	0	0
10/25/2023 11:21	56802 BENV_T2	195	28	-167	0.21	0.25	0.04	-1.42	-0.67	0	0	0	0	0	0
10/25/2023 11:22	56802 BENV_T2	195	28	-167	0.21	0.25	0.04	-1.42	-0.67	0

10/25/2023 11:37	13704 SCHN_T2	2	2	0	0.3	0.2	-0.1	-0.37	-0.39	0	0	0	0	0	0
10/25/2023 11:37	42701 AUGU_T1	1	2	1	0.1	0.65	0.55	0	0	4	4	0	3600	3600	0
10/25/2023 11:37	45902 AUBU_T1	0	0	0	0	0	0	-0.63	-0.65	1	1	0	600	600	0
10/25/2023 11:38	42701 AUGU_T1	1	2	1	0.1	0.65	0.55	0	0	2	2	0	1800	1800	0
10/25/2023 11:38	13701 SCHN_T2	5	1	-4	0.2	0.2	0	0	0	0	0	0	0	0	0
10/25/2023 11:38	67402 WAKE_T2	0	4	4	0	0.28	0.28	0	0	0	0	0	0	0	0
10/25/2023 11:39	45902 AUBU_T1	0	0	0	0	0	0	-0.63	-0.65	1	1	0	600	600	0
10/25/2023 11:39	42701 AUGU_T1	1	2	1	0.1	0.65	0.55	0	0	2	2	0	1800	1800	0
10/25/2023 11:39	45901 AUBU_T1	0	0	0	0	0	0	2.13	2.06	0	0	0	0	0	0
10/25/2023 11:39	14802 TREI_T2	0	0	0	0	0	0	0.24	0.25	0	0	0	0	0	0
10/25/2023 11:40	26603 BROO_T1	0	0	0	0	0	0	0.15	0.14	0	0	0	0	0	0
10/25/2023 11:40	45902 AUBU_T1	0	0	0	0	0	0	-0.63	-0.65	1	1	0	600	600	0
10/25/2023 11:40	60101 COCA_T1	2	5	3	0.3	0.48	0.18	0.28	0.29	0	0	0	0	0	0
10/25/2023 11:41	60101 COCA_T1	2	5	3	0.3	0.48	0.18	0.29	0.34	0	0	0	0	0	0
10/25/2023 11:41	42701 AUGU_T1	1	2	1	0.1	0.65	0.55	0	0	2	2	0	1800	1800	0
10/25/2023 11:42	45802 HEGI_T2	0	0	0	0	0	0	0.38	0.12	1	1	0	900	900	0
10/25/2023 11:43	20601 GRWO_T2	0	0	0	0	0	0	0.54	0.56	0	0	0	0	0	0
10/25/2023 11:45	52401 GRPA_T2	2	2	0	0.75	0.4	-0.35	0	0	0	0	0	0	0	0
10/25/2023 11:46	65001 NEFF_T2	0	0	0	0	0	0	-0.33	-0.41	1	1	0	1200	1200	0
10/25/2023 11:46	63803 HEMP_T1	5	2	-3	0.32	0.3	-0.02	0	0	0	0	0	0	0	0
10/25/2023 11:46	56504 ROCK_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/25/2023 11:47	52403 GRPA_T2	15	7	-8	0.49	0.37	-0.12	0.21	0.28	0	0	0	0	0	0
10/25/2023 11:48	64101 REFR_T1	0	0	0	0	0	0	0.05	0.04	0	0	0	0	0	0
10/25/2023 11:48	52403 GRPA_T2	15	7	-8	0.49	0.37	-0.12	0.07	0.09	0	0	0	0	0	0
10/25/2023 11:49	65601 QVIL_T2	2	3	1	0.15	0.27	0.12	0	0	0	0	0	0	0	0
10/25/2023 11:49	54001 SDLE_T1	10	10	0	0.75	0.8	0.05	0	0	0	0	0	0	0	0
10/25/2023 11:49	13701 SCHN_T2	1	1	0	0.2	0.2	0	0	0	0	0	0	0	0	0
10/25/2023 11:50	54001 SDLE_T1	10	10	0	0.75	0.8	0.05	0	0	0	0	0	0	0	0
10/25/2023 11:50	13701 SCHN_T2	1	1	0	0.2	0.2	0	0	0	0	0	0	0	0	0
10/25/2023 11:51	65601 QVIL_T2	2	3	1	0.15	0.27	0.12	0	0	0	0	0	0	0	0
10/25/2023 11:52	42701 AUGU_T1	1	5	4	0.5	0.4	-0.1	0	0	2	2	0	1800	1800	0
10/25/2023 11:53	15001 BLMO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/25/2023 11:53	13704 SCHN_T2	1	4	3	0.3	0.15	-0.15	-0.39	-0.41	0	0	0	0	0	0
10/25/2023 11:53	42701 AUGU_T1	1	5	4	0.5	0.4	-0.1	0	0	4	4	0	3600	3600	0
10/25/2023 11:54	67401 WAKE_T2	237	126	-111	0.28	0.24	-0.04	-1.08	-1.05	0	0	0	0	0	0
10/25/2023 11:54	42701 AUGU_T1	1	5	4	0.5	0.4	-0.1	0	0	2	2	0	1800	1800	0
10/25/2023 11:54	15001 BLMO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/25/2023 11:55	42701 AUGU_T1	1	5	4	0.5	0.4	-0.1	0	0	2	2	0	1800	1800	0
10/25/2023 11:55	52403 GRPA_T2	15	7	-8	0.49	0.37	-0.12	0	0	0	0	0	0	0	0
10/25/2023 11:55	60101 COCA_T1	3	5	2	0.5	0.48	-0.02	0.29	0.34	0	0	0	0	0	0
10/25/2023 11:56	15001 BLMO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/25/2023 11:57	15001 BLMO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/25/2023 11:57	60101 COCA_T1	3	5	2	0.5	0.48	-0.02	0.34	0.27	0	0	0	0	0	0
10/25/2023 11:57	61302 EARL_T1	1	1	0	1.1	1.2	0.1	0	0	0	0	0	0	0	0
10/25/2023 11:57	44502 HAMI_T2	1	1	0	3	2.7	-0.3	-0.91	-0.89	0	0	0	0	0	0
10/25/2023 11:59	61302 EARL_T1	1	1	0	1.1	1.2	0.1	0	0	0	0	0	0	0	0
10/25/2023 11:59	20601 GRWO_T2	0	0	0	0	0	0	0.56	0.53	0	0	0	0	0	0
10/25/2023 12:01	52404 GRPA_T2	1	0	-1	0.5	0	-0.5	0	0	0	0	0	0	0	0
10/25/2023 12:02	26603 BROO_T1	0	0	0	0	0	0	0.12	0.14	0	0	0	0	0	0
10/25/2023 12:02	42002 MNVL_T2	1	1	0	4.8	4.6	-0.2	0	0	0	0	0	0	0	0
10/25/2023 12:03	52404 GRPA_T2	1	0	-1	0.5	0	-0.5	0	0	0	0	0	0	0	0
10/25/2023 12:03	13701 SCHN_T2	1	2	1	0.1	0.2	0.1	0	0	0	0	0	0	0	0
10/25/2023 12:04	67204 TEHI_T2	3	1	-2	0.23	0.2	-0.03	-0.1	-0.05	0	0	0	0	0	0
10/25/2023 12:04	52402 GRPA_T2	26	16	-10	0.6	0.69	0.09	0	0	0	0	0	0	0	0
10/25/2023 12:05	52401 GRPA_T2	2	2	0	0.4	0.25	-0.15	-0.48	-0.5	0	0	0	0	0	0
10/25/2023 12:05	65604 QVIL_T2	0	0	0	0	0	0	0.35	0.32	0	0	0	0	0	0
10/25/2023 12:05	54001 SDLE_T1	11	10	-1	1.14	0.72	-0.42	0	0	0	0	0	0	0	0
10/25/2023 12:06	54001 SDLE_T1	11	10	-1	1.14	0.72	-0.42	0	0	0	0	0	0	0	0
10/25/2023 12:06	65604 QVIL_T2	0	0	0	0	0	0	0.35	0.32	0	0	0	0	0	0
10/25/2023 12:07	51306 WIND_T2	1	1	0	0.2	0.3	0.1	0.08	0.1	0	0	0	0	0	0
10/25/2023 12:07	15001 BLMO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/25/2023 12:07	42701 AUGU_T1	2	4	2	0.65	0.4	-0.25	0	0	2	2	0	1800	1800	0
10/25/2023 12:07	42201 SHEN_T2	0	1	1	0	0.4	0.4	0.03	0.05	1	1	0	600	600	0
10/25/2023 12:08	67204 TEHI_T2	3	1	-2	0.23	0.2	-0.03	-0.1	-0.05	0	0	0	0	0	0
10/25/2023 12:08	15001 BLMO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/25/2023 12:09	42701 AUGU_T1	2	4	2	0.65	0.4	-0.25	0	0	4	4	0	3600	3600	0
10/25/2023 12:09	15001 BLMO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/25/2023 12:10	51306 WIND_T2	1	1	0	0.2	0.3	0.1	0.15	0.19	0	0	0	0	0	0
10/25/2023 12:10	67401 WAKE_T2	115	132	17	0.23	0.23	0	-1.05	-1.09	0	0	0	0	0	0
10/25/2023 12:10	42701 AUGU_T1	2	4	2	0.65	0.4	-0.25	0	0	2	2	0	1800	1800	0
10/25/2023 12:11	42701 AUGU_T1	2	4	2	0.65	0.4	-0.25	0	0	2	2	0	1800	1800	0
10/25/2023 12:11	60101 COCA_T1	5	3	-2	0.46	0.63	0.17	0.27	0.25	0	0	0	0	0	0
10/25/2023 12:12	15001 BLMO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/25/2023 12:13	44502 HAMI_T2	1	1	0	2.7	2.9	0.2	-0.89	-0.9	0	0	0	0	0	0
10/25/2023 12:13	60101 COCA_T1	5	3	-2	0.46	0.63	0.17	0.27	0.25	0	0	0	0	0	0
10/25/2023 12:14	20601 GRWO_T2	0	0	0	0	0	0	0.53	0.51	0	0	0	0	0	0
10/25/2023 12:14	45003 LIME_2	1	1	0	3.6	4.2	0.6	0	0	1	1	0	1200	1200	0
10/25/2023 12:15	42903 MIDD_T2	2	2	0	0.55	0.35	-0.2	0	0	0	0	0	0	0	0
10/25/2023 12:17	42902 MIDD_T2	11	7	-4	0.43	0.47	0.04	-0.9	-0.92	1	1	0	600	600	0
10/25/2023 12:17	45003 LIME_2	28	33	5	0.26	0.33	0.07	0	0	0	0	0	0	0	0
10/25/2023 12:21	45901 AUBU_T1	0	0	0	0	0	0	2.11	2.09	0	0	0	0	0	0
10/25/2023 12:22	45902 AUBU_T1	2	3	1	0.25	0.6	0.35	-0.66	-0.69	1	1	0	600	600	0
10/25/2023 12:23	57702 PAXT_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/25/2023 12:29	45802 HEGI_T2	0	0	0	0	0	0	0.63	0.59	1	1	0	900	900	0
10/25/2023 12:31	58401 MORO_T1	3	0	-3	0.33	0	-0.33	0	0	0	0	0	0	0	0
10/25/2023 12:35	58401 MORO_T1	3	0	-3	0.33	0	-0.33	0	0	0	0	0	0	0	0
10/25/2023 12:38	57403 SPAN_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/25/2023 12:40	15001 BLMO_T1	0	1	1	0	0.2	0.2	0	0	0	0	0	0	0	0
10/25/2023 12:44	59302 MCAL_T1	5	1	-4	0.4	0.3	-0.1	0	0	0	0	0	0	0	0
10/25/2023 12:45	59301 MCAL_T1	8	5	-3	0.79	0.36	-0.43	0	0	0	0	0	0	0	0
10/25/2023 12:46	56504 ROCK_T2	0	1	1	0	0.3	0.3	-0.35	-0.35	0	0	0	0	0	0
10/25/2023 12:47	56501 ROCK_T2	11	11	0	0.35	0.41	0.06	0	0	0	0	0	0	0	0
10/25/2023 12:48	56503 ROCK_T2	2	3	1	0.2	0.17	-0.03	0	0	0	0	0	0	0	0
10/25/2023 12:49	55002 NEWP_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/25/2023 12:49	56503 ROCK_T2	2	3	1	0.2	0.17	-0.03	0	0	0	0	0	0	0	0
10/25/2023 12:50	14401 SSLA_T1	0	2	2	0	0.5	0.5	0	0	0	0	0	0	0	0
10/25/2023 12:51	14401 SSLA_T1	0	2	2	0	0.5	0.5	0	0	0	0	0	0	0	0
10/25/2023 12:51	55002 NEWP_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/25/2023 12:51	51306 WIND_T2	1	1	0	0.1	0.1	0	0.08	0.08	0	0	0	0	0	0
10/25/2023 12:52	51306 WIND_T2	1	1	0	0.1	0.1	0	0.08	0.08	0	0	0	0	0	0
10/25/2023 12:52	57403 SPAN_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/25/2023 12:53	51306 WIND_T2	1	1	0	0.1	0.1	0	0.08	0.08	0	0	0	0	0	0
10/25/2023 12:53	67401 WAKE_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/25/2023 12:54	67603 WARW_T1	0	1	1	0	0.5	0.5	0	0	0	0	0	0	0	0
10/25/2023 12:55	51306 WIND_T2	1	1	0	0.1	0.1	0	0.08	0.08	0	0	0	0	0	0
10/25/2023 13:02	58401 MORO_T1	0	1	1	0	0.1	0.1	0	0	0	0	0	0	0	0
10/25/2023 13:03	58402 MORO_T1	1	1	0	0.6	0.2	-0.4	-1.12	-1.1	2	2	0	1500	1500	0
10/25/2023 13:04	58402 MORO_T1	1	1	0	0.6	0.2	-0.4	0	0	0	0	0	0	0	0
10/25/2023 13:07	46004 BERW_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/25/2023 13:11	15001 BLMO_T1	1	4	3	0.2	0.28	0.08	0	0	0	0	0	0	0	0
10/25/2023 13:15	56504 ROCK_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/25/2023 13:17	55002 NEWP_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/25/2023 13:20	55002 NEWP_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/25/2023 13:20	57403 SPAN_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/25/2023 13:21	42201 SHEN_T2	0	2	2	0	0.15	0.15	0.04	0.05	1	1	0	600	600	0
10/25/2023 13:22	57403 SPAN_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/25/2023 13:23	14401 SSLA_T1	2	2	0	0.4	0.45	0.05	0	0	0	0	0	0	0	0
10/25/2023 13:25	67401 WAKE_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/25/2023 13:29	61303 EARL_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/25/2023 13:29	23301 JEFF_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/25/2023 13:29	53903 HAU_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/25/2023 13:29	45802 HEGI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/25/2023 13:29	54505 ENOL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/25/2023 13:31	56504 ROCK_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/25/2023 13:32	55002 NEWP_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/25/2023 13:36	55002 NEWP_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/25/2023 13:37	46004 BERW_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/25/2023 13:37	55101 WERT_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/25/2023 13:37	57403 SPAN_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/25/2023 13:38	45501 DERR_T2	0	0	0	0	0	0	0.94	0.96	2	2	0	1800	1800	0
10/25/2023 13:39	57403 SPAN_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/25/2023 13:39	45402 WBLO_T2	3	7	4	0.23	0.5	0.27	0	0	0	0	0	0	0	0
10/25/2023 13:40	61202 REIN_T1	58	59	1	0.86	0.89	0.03	0	0	0	0	0	0	0	0
10/25/2023 13:40	60201 ATGL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/25/2023 13:41	45501 DERR_T2	0	0	0	0	0	0	0.96	0.97	2	2	0	1800	1800	0
10/25/2023 13:44	45802 HEGI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/25/2023 13:44	53903 HAU_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/25/2023 13:45	54505 ENOL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/25/2023 13:45	23301 JEFF_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/25/2023 13:46	66302 MCGO_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/25/2023 13:46	64301 LINC_T1	0	0	0	0	0	0	-0.01	-0.01	1	1	0	600	600	0
10/25/2023 13:46	55002 NEWP_T1	23	22	-1	0.8	0.89	0.09	-0.2	-0.22	0	0	0	0	0	0
10/25/2023 13:47	56504 ROCK_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/25/2023 13:48	55002 NEWP_T1	23	22	-1	0.8	0.89	0.09	-0.2	-0.22	0	0	0	0	0	0
10/25/2023 13:48	59301 MCAL_T1	4	3	-1	0.35	0.5	0.15	0	0	0	0	0	0	0	0
10/25/2023 13:49	13704 SCHN_T2	3	2	-1	0.13	0.25	0.12	-0.4	-0.35	0	0	0	0	0	0
10/25/2023 13:49	14404 SSLA_T1	1	1	0	0.3	0.1	-0.2	0	0	0	0	0	0	0	0
10/25/2023 13:49	46903 MNTG_T2	4	1	-3	0.65	0.2	-0.45	0.14	0.23	1	1	0	600	600	0
10/25/2023 13:51	13701 SCHN_T2	10	7	-3	0.26	0.19	-0.07	0	0	0	0	0	0	0	0
10/25/2023 13:51	42802 SELI_T1	2	2	0	0.2	0.15	-0.05	-1.02	-1.03	0	0	0	0	0	0
10/25/2023 13:52	42802 SELI_T2	2	2	0	0.2	0.15	-0.05	-1.02	-1.03	0	0	0	0	0	0
10/25/2023 13:53	42201 SHEN_T2	2	2	0	0.15	0.6	0.45	0.02	0.08	1	1	0	600	600	0
10/25/2023 13:53	14404 SSLA_T1	1	1	0	0.3	0.1	-0.2	0	0	0	0	0	0	0	0
10/25/2023 13:54	67401 WAKE_T2	85	228	143	0.23	0.26	0.03	0	0	0	0	0	0	0	0
10/25/2023 14:01	66302 MCGO_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/25/2023 14:04	52402 GRPA_T2	9	33	24	0.73	0.35	-0.38	0	0	0	0	0	0	0	0
10/25/2023 14:04	46702 RENO_T1	0	0	0	0	0	0	-0.14	-0.14	0	0	0	0	0	0
10/25/2023 14:06	52401 GRPA_T2	1	2	1	0.5	0.35	-0.15	-0.48	-0.48	0	0	0	0	0	0
10/25/2023 14:07	46001 BERW_T1	0	0	0	0	0	0	0.67	0.64	0	0	0	0	0	0
10/25/2023 14:07	42802 SELI_T1	1	2	1	0.2	0.1	-0.1	-2.06	-2.02	0	0	0	0	0	0
10/25/2023 14:07	67401 WAKE_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/25/2023 14:08	42701 AUGU_T1	2	2	0	0.45	0.5	0.05	0	0	2	2	0	1800	1800	0
10/25/2023 14:08	25801 SUTR_T2	0	0	0	0	0	0	-0.17	-0.2	0	0	0	0	0	0
10/25/2023 14:09	46001 BERW_T1	0	0	0	0	0	0	1.34	1.28	0	0	0	0	0	0
10/25/2023 14:09	42701 AUGU_T1	2	2	0	0.45	0.5	0.05	0	0	2	2	0	1800	1800	0
10/25/2023 14:10	46001 BERW_T1	0	0	0	0	0	0	0.67	0.64	0	0	0	0	0	0
10/25/2023 14:10	45501 DERR_T2	0	0	0	0	0	0	0.97	0.92	2	2	0	1800	1800	0
10/25/2023 14:11	61303 EARL_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/25/2023 14:13	63803 HEMP_T1	1	1	0	0.1	0.4	0.3	0	0	0	0	0	0	0	0
10/25/2023 14:13	45501 DERR_T2	0	0	0	0	0	0	1.83	1.79	4	4	0	3600	3600	0
10/25/2023 14:15	59302 MCAL_T1	0	0	0	0	0	0	0.18	0.15	1	1	0	600	600	0
10/25/2023 14:16	64301 LINC_T1	0	0	0	0	0	0	-0.01	-0.01	1	1	0	600	600	0
10/25/2023 14:17	46504 LOHA_T1	33	47	14	0.2	0.43	0.23	0	0	0	0	0	0	0	0
10/25/2023 14:18	56501 ROCK_T2	13	12	-1	0.48	0.58	0.1	-0.47	-0.44	0	0	0	0	0	0
10/25/2023 14:18	55002 NEWP_T1	21	13	-8	0.89	0.75	-0.14	-0.4	-0.42	0	0	0	0	0	0
10/25/2023 14:18	46501 LOHA_T1	1	1	0	0.7	0.4	-0.3	0	0	0	0	0	0	0	0
10/25/2023 14:19	42002 MNVL_T2	1	1	0	5.6	5.5	-0.1	0	0	0	0	0	0	0	0
10/25/2023 14:19	47802 MOCA_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/25/2023 14:19	52402 GRPA_T2	32	16	-16	0.36	0.52	0.16	0	0	0	0	0	0	0

10/25/2023 14:33	55002 NEWP_T1	12	7	-5	0.74	1.19	0.45	-0.42	-0.48	0	0	0	0	0	0
10/25/2023 14:33	13901 SEID_T1	0	0	0	0	0	0	0.17	0.16	0	0	0	0	0	0
10/25/2023 14:34	56501 ROCK_T2	9	12	3	0.71	0.53	-0.18	-0.44	-0.45	0	0	0	0	0	0
10/25/2023 14:34	65003 NEFF_T2	3	2	-1	0.37	0.4	0.03	0	0	0	0	0	0	0	0
10/25/2023 14:34	46302 ROHR_T1	6	4	-2	1.52	1.78	0.26	0.15	0.1	0	0	0	0	0	0
10/25/2023 14:35	13701 SCHN_T2	1	3	2	0.2	0.3	0.1	0	0	0	0	0	0	0	0
10/25/2023 14:35	52402 GRPA_T2	16	6	-10	0.52	0.95	0.43	0	0	0	0	0	0	0	0
10/25/2023 14:35	47802 MOCA_T2	1	2	1	0.5	0.4	-0.1	-1.06	-1.06	0	0	0	0	0	0
10/25/2023 14:36	52403 GRPA_T2	0	0	0	0	0	0	0.1	0.14	0	0	0	0	0	0
10/25/2023 14:36	65601 CIVIL_T2	1	1	0	0.1	0.1	0	0	0	0	0	0	0	0	0
10/25/2023 14:36	55101 WERT_T1	0	0	0	0	0	0	-0.83	-0.92	2	2	0	1500	1500	0
10/25/2023 14:37	56501 ROCK_T2	9	12	3	0.71	0.53	-0.18	0	0	0	0	0	0	0	0
10/25/2023 14:37	65603 CIVIL_T2	1	1	0	7	9.5	2.5	0	0	0	0	0	0	0	0
10/25/2023 14:37	46302 ROHR_T1	6	4	-2	1.52	1.78	0.26	0.15	0.1	0	0	0	0	0	0
10/25/2023 14:38	52402 GRPA_T2	16	6	-10	0.52	0.95	0.43	0	0	0	0	0	0	0	0
10/25/2023 14:38	57401 SPAN_T1	2	2	0	1.4	1.35	-0.05	0	0	0	0	0	0	0	0
10/25/2023 14:38	46005 BERW_T1	1	0	-1	0.1	0	-0.1	0	0	0	0	0	0	0	0
10/25/2023 14:38	29402 BELT_T1	1	1	0	8.2	8.3	0.1	0	0	0	0	0	0	0	0
10/25/2023 14:39	45502 DERR_T2	0	1	1	0	0	0	0	0	0	0	0	0	0	0
10/25/2023 14:39	46005 BERW_T1	1	0	-1	0.1	0	-0.1	0	0	0	0	0	0	0	0
10/25/2023 14:39	45402 WBLO_T2	1	3	2	0.5	0.57	0.07	-0.69	-0.7	0	0	0	0	0	0
10/25/2023 14:40	42701 AUGU_T1	1	1	0	0.4	0.2	-0.2	0	0	2	2	0	1800	1800	0
10/25/2023 14:40	16301 ALPA_T1	3	2	-1	0.27	0.25	-0.02	-0.23	-0.23	0	0	0	0	0	0
10/25/2023 14:40	57401 SPAN_T1	2	2	0	1.4	1.35	-0.05	0	0	0	0	0	0	0	0
10/25/2023 14:40	29401 BELT_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/25/2023 14:41	42701 AUGU_T1	1	1	0	0.4	0.2	-0.2	0	0	2	2	0	1800	1800	0
10/25/2023 14:41	15001 BLMO_T1	0	2	2	0	0.35	0.35	0	0	0	0	0	0	0	0
10/25/2023 14:41	45501 DERR_T2	0	3	3	0	0.5	0.5	0.95	0.98	2	2	0	1800	1800	0
10/25/2023 14:41	56603 HAMP_T1	109	114	5	0.31	0.34	0.03	0	0	0	0	0	0	0	0
10/25/2023 14:41	46001 BERW_T1	0	0	0	0	0	0	1.2	1.18	0	0	0	0	0	0
10/25/2023 14:42	29402 BELT_T1	1	1	0	8.2	8.3	0.1	0	0	0	0	0	0	0	0
10/25/2023 14:42	56603 HAMP_T1	109	114	5	0.31	0.34	0.03	0	0	0	0	0	0	0	0
10/25/2023 14:42	54501 ENOL_T2	4	4	0	0.73	0.73	0	-0.58	-0.59	1	1	0	600	600	0
10/25/2023 14:42	46001 BERW_T1	0	0	0	0	0	0	1.2	1.18	0	0	0	0	0	0
10/25/2023 14:43	54505 ENOL_T2	1	1	0	1.3	1.3	0	0	0	0	0	0	0	0	0
10/25/2023 14:44	63804 HEMP_T1	1	1	0	6.1	5.9	-0.2	0	0	0	0	0	0	0	0
10/25/2023 14:44	54504 ENOL_T2	1	1	0	0.6	0.2	-0.4	0	0	0	0	0	0	0	0
10/25/2023 14:44	56603 HAMP_T1	109	114	5	0.31	0.34	0.03	0	0	0	0	0	0	0	0
10/25/2023 14:45	42001 MNVL_T2	3	0	-3	0.13	0	-0.13	-0.01	-0.04	0	0	0	0	0	0
10/25/2023 14:46	65003 NEFF_T2	2	2	0	0.4	0.4	0	0	0	0	0	0	0	0	0
10/25/2023 14:46	64203 KINZ_T1	0	0	0	0	0	0	1.47	1.34	1	1	0	600	600	0
10/25/2023 14:46	45802 HEGI_T2	0	0	0	0	0	0	0.6	0.31	1	1	0	900	900	0
10/25/2023 14:46	47802 MOCA_T2	1	2	1	0.7	0.35	-0.35	-1.06	-1.04	0	0	0	0	0	0
10/25/2023 14:46	53901 HAU_T2	1	1	0	0.5	0.6	0.1	0	0	0	0	0	0	0	0
10/25/2023 14:46	46903 MNTG_T2	0	3	3	0	0.33	0.33	0.17	0.04	1	1	0	600	600	0
10/25/2023 14:46	64301 LINC_T1	0	0	0	0	0	0	-0.01	0.03	1	1	0	600	600	0
10/25/2023 14:47	56504 ROCK_T2	2	0	-2	0.1	0	-0.1	-0.33	-0.33	0	0	0	0	0	0
10/25/2023 14:47	46901 MNTG_T2	0	0	0	0	0	0	1.53	1.8	0	0	0	0	0	0
10/25/2023 14:48	39601 LNFD_T1	0	0	0	0	0	0	0	0	1	0	-1	900	0	-900
10/25/2023 14:48	58402 MORO_T1	0	0	0	0	0	0	-1.13	-1.11	2	2	0	1500	1500	0
10/25/2023 14:49	56503 ROCK_T2	23	24	1	0.13	0.12	-0.01	0	0	0	0	0	0	0	0
10/25/2023 14:49	55002 NEWP_T1	7	8	1	0.87	1.06	0.19	-0.24	-0.22	0	0	0	0	0	0
10/25/2023 14:49	56802 BENV_T2	1	33	32	1.4	0.15	-1.25	-1.48	-1.5	0	0	0	0	0	0
10/25/2023 14:50	65003 NEFF_T2	2	2	0	0.4	0.4	0	0	0	0	0	0	0	0	0
10/25/2023 14:51	55002 NEWP_T1	7	8	1	0.87	1.06	0.19	-0.24	-0.22	0	0	0	0	0	0
10/25/2023 14:52	56504 ROCK_T2	2	0	-2	0.1	0	-0.1	-0.33	-0.33	0	0	0	0	0	0
10/25/2023 14:53	40201 BEGA_T2	3	3	0	0.6	0.4	-0.2	0	0	0	0	0	0	0	0
10/25/2023 14:54	64802 MONE_T2	53	2	-51	0.2	0.15	-0.05	-0.01	-0.01	0	0	0	0	0	0
10/25/2023 14:54	53901 HAU_T2	1	1	0	0.5	0.6	0.1	0	0	0	0	0	0	0	0
10/25/2023 14:55	15001 BLMO_T1	1	2	1	0.2	0.35	0.15	0	0	0	0	0	0	0	0
10/25/2023 14:56	54501 ENOL_T2	4	4	0	0.73	0.7	-0.03	0	0	0	0	0	0	0	0
10/25/2023 14:56	54503 ENOL_T2	0	0	0	0	0	0	-0.4	-0.39	1	1	0	600	600	0
10/25/2023 14:56	67603 WARW_T1	1	1	0	0.8	0.9	0.1	0	0	0	0	0	0	0	0
10/25/2023 14:56	15001 BLMO_T1	1	2	1	0.2	0.35	0.15	0	0	0	0	0	0	0	0
10/25/2023 14:57	15001 BLMO_T1	1	2	1	0.2	0.35	0.15	0	0	0	0	0	0	0	0
10/25/2023 14:58	54504 ENOL_T2	1	0	-1	0.2	0	-0.2	0	0	0	0	0	0	0	0
10/25/2023 14:58	22901 HARW_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/25/2023 14:59	53903 HAU_T2	3	2	-1	1.13	1.5	0.37	-0.17	-0.17	0	0	0	0	0	0
10/25/2023 15:00	64702 LITI_T2	0	0	0	0	0	0	-1.17	-1.09	0	0	0	0	0	0
10/25/2023 15:00	45001 LIME_2	0	4	4	0	0.15	0.15	0	0	0	0	0	0	0	0
10/25/2023 15:01	54505 ENOL_T2	1	1	0	1.3	1.3	0	0	0	0	0	0	0	0	0
10/25/2023 15:01	40301 TAMA_T3	1	1	0	0	0	0	0	0	0	0	0	0	0	0
10/25/2023 15:02	64702 LITI_T2	0	0	0	0	0	0	-0.59	-0.54	0	0	0	0	0	0
10/25/2023 15:02	59302 MCAL_T1	0	0	0	0	0	0	0.16	0.23	1	1	0	600	600	0
10/25/2023 15:02	45003 LIME_2	1	1	0	4.4	4.9	0.5	0	0	1	1	0	1200	1200	0
10/25/2023 15:03	13701 SCHN_T2	3	3	0	0.3	0.3	0	0	0	0	0	0	0	0	0
10/25/2023 15:07	13701 SCHN_T2	3	3	0	0.3	0.3	0	0	0	0	0	0	0	0	0
10/25/2023 15:07	46702 RENO_T1	0	0	0	0	0	0	-0.14	-0.14	0	0	0	0	0	0
10/25/2023 15:08	67401 WAKE_T2	238	229	-9	0.27	0.27	0	-1.12	-1.13	0	0	0	0	0	0
10/25/2023 15:09	10602 BLGI_T2	1	1	0	0.2	0.1	-0.1	0.89	0.91	0	0	0	0	0	0
10/25/2023 15:09	15001 BLMO_T1	2	2	0	0.35	0.3	-0.05	0	0	0	0	0	0	0	0
10/25/2023 15:09	44802 EDAN_T2	0	0	0	0	0	0	-0.82	-0.81	0	0	0	0	0	0
10/25/2023 15:10	44801 EDAN_T2	1	1	0	0.4	0	-0.4	0	0	0	0	0	0	0	0
10/25/2023 15:10	65001 NEFF_T2	0	0	0	0	0	0	-0.53	-0.47	1	1	0	1200	1200	0
10/25/2023 15:11	53102 WTWN_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/25/2023 15:11	61302 EARL_T1	1	1	0	0.3	0.5	0.2	0	0	0	0	0	0	0	0
10/25/2023 15:12	44802 EDAN_T2	0	0	0	0	0	0	-0.81	-0.84	0	0	0	0	0	0
10/25/2023 15:13	45501 DERR_T2	2	2	0	0.65	0.3	-0.35	0	0	0	0	0	0	0	0
10/25/2023 15:14	61302 EARL_T1	1	1	0	0.3	0.5	0.2	0	0	0	0	0	0	0	0
10/25/2023 15:20	52402 GRPA_T2	36	49	13	0.44	0.45	0.01	0	0	0	0	0	0	0	0
10/25/2023 15:21	42201 SHEN_T2	0	1	1	0	0.7	0.7	0.16	0.24	2	2	0	1200	1200	0
10/25/2023 15:22	52401 GRPA_T2	1	2	1	0.3	0.35	0.05	0	0	0	0	0	0	0	0
10/25/2023 15:22	24902 WHHA_T1	87	91	4	0.19	0.19	0	0	0	0	0	0	0	0	0
10/25/2023 15:23	24902 WHHA_T1	87	91	4	0.19	0.19	0	0	0	0	0	0	0	0	0
10/25/2023 15:23	52402 GRPA_T2	36	49	13	0.44	0.45	0.01	0	0	0	0	0	0	0	0
10/25/2023 15:23	29402 BELT_T1	1	1	0	8.2	8.2	0	0	0	0	0	0	0	0	0
10/25/2023 15:25	44801 EDAN_T2	1	0	-1	0.1	0	-0.1	0	0	0	0	0	0	0	0
10/25/2023 15:26	24902 WHHA_T1	87	91	4	0.19	0.19	0	0.46	0.5	0	0	0	0	0	0
10/25/2023 15:26	44802 EDAN_T2	0	0	0	0	0	0	-0.84	-0.79	0	0	0	0	0	0
10/25/2023 15:27	29402 BELT_T1	1	1	0	8.2	8.2	0	0	0	0	0	0	0	0	0
10/25/2023 15:27	44801 EDAN_T2	1	0	-1	0.1	0	-0.1	0	0	0	0	0	0	0	0
10/25/2023 15:44	65003 NEFF_T2	1	0	-1	0.2	0	-0.2	0	0	0	0	0	0	0	0
10/25/2023 15:44	41502 FAIR_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/25/2023 15:49	42701 AUGU_T1	0	0	0	0	0	0	0	0	2	2	0	1800	1800	0
10/25/2023 15:51	42701 AUGU_T1	0	0	0	0	0	0	0	0	2	2	0	1800	1800	0
10/25/2023 16:02	61202 REIN_T1	60	60	0	0.91	1.24	0.33	0	0	0	0	0	0	0	0
10/25/2023 16:08	53101 WTWN_T1	3	3	0	1.33	1.37	0.04	0	0	0	0	0	0	0	0
10/25/2023 16:10	45501 DERR_T2	1	1	0	0.1	0.2	0.1	0.81	0.74	2	2	0	1800	1800	0
10/25/2023 16:13	45501 DERR_T2	1	1	0	0.1	0.2	0.1	0.74	0.77	2	2	0	1800	1800	0
10/25/2023 16:18	55002 NEWP_T1	6	6	0	0.62	0.7	0.08	-0.25	-0.22	0	0	0	0	0	0
10/25/2023 16:25	58402 MORO_T1	0	0	0	0	0	0	-1.08	-1.1	2	2	0	1500	1500	0
10/25/2023 16:34	55002 NEWP_T1	5	6	1	0.54	0.83	0.29	-0.22	-0.23	0	0	0	0	0	0
10/25/2023 16:48	55002 NEWP_T1	6	6	0	0.67	0.83	0.16	-0.23	-0.24	0	0	0	0	0	0
10/25/2023 17:46	63305 GREE_T1	0	4	4	0	0.1	0.1	-1.82	-1.88	1	1	0	900	900	0
10/25/2023 17:57	61202 REIN_T1	61	61	0	1.4	1.52	0.12	0	0	0	0	0	0	0	0
10/25/2023 19:03	26401 INOR_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/25/2023 19:07	23301 JEFF_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/25/2023 19:09	63305 GREE_T1	0	1	1	0	0.1	0.1	-1.92	-1.91	1	1	0	900	900	0
10/25/2023 19:09	41502 FAIR_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/25/2023 19:09	56802 BENV_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/25/2023 19:09	46203 DANV_T2	0	3	3	0	0.1	0.1	0	0	0	0	0	0	0	0
10/25/2023 19:10	56501 ROCK_T2	3	12	9	0.2	0.31	0.11	0	0	0	0	0	0	0	0
10/25/2023 19:10	45902 AUBU_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/25/2023 19:10	47802 MOCA_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/25/2023 19:11	13302 ORVI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/25/2023 19:11	67001 STHI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/25/2023 19:11	40602 PIGR_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/25/2023 19:12	46302 ROHR_T1	4	6	2	1.2	1.2	0	0	0	0	0	0	0	0	0
10/25/2023 19:12	60801 BUCK_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/25/2023 19:13	66302 MCGO_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/25/2023 19:14	60201 ATGL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/25/2023 19:15	43301 WATS_T2	1	6	5	0.5	0.2	-0.3	0	0	0	0	0	0	0	0
10/25/2023 19:15	22901 HARW_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/25/2023 19:15	64101 REFR_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/25/2023 19:15	56802 BENV_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/25/2023 19:16	57403 SPAN_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/25/2023 19:16	56802 BENV_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/25/2023 19:17	56504 ROCK_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/25/2023 19:17	54505 ENOL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/25/2023 19:17	40602 PIGR_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/25/2023 19:17	46004 BERW_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/25/2023 19:17	53501 EVIL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/25/2023 19:17	54206 PENN_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/25/2023 19:17	55002 NEWP_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/25/2023 19:18	45802 HEGI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/25/2023 19:18	60801 BUCK_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/25/2023 19:18	53102 WTWN_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/25/2023 19:18	45902 AUBU_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/25/2023 19:20	66302 MCGO_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/25/2023 19:20	45501 DERR_T2	0	2	2	0	0	0	0	0	0	0	0	0	0	0
10/25/2023 19:20	46302 ROHR_T1	6	6	0	1.2	1.15	-0.05	0	0	0	0	0	0	0	0
10/25/2023 19:20	67001 STHI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/25/2023 19:21	53501 EVIL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/25/2023 19:21	61303 EARL_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/25/2023 19:21	52501 PROG_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/25/2023 19:22	45402 WBLO_T2	4	31	27	0.1	0.22	0.12	0	0	0	0	0	0	0	0
10/25/2023 19:22	46203 DANV_T2	0	8	8	0	0.13	0.13	0	0	0	0	0	0	0	0
10/25/2023 19:22	55101 WERT_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/25/2023 19:22	57403 SPAN_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/25/2023 19:22	67401 WAKE_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/25/2023 19:23	57403 SPAN_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/25/2023 19:23	57702 PAXT_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/25/2023 19:23	54701 NEBL_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/25/2023 19:24	53903 HAU_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/25/2023 19:24	56802 BENV_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/25/2023 19:24	54505 ENOL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/25/2023 19:29	51201 MTON_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/25/2023 19:33	63802 HEMP_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/25/2023 19:51	10602 BLGI_T2	0	2	2	0	4.4	4.4	0.05	0.04	0	0	0	0	0	0
10/25/2023 19:58	26401 INOR_T1	0	0	0	0	0	0	0.22	0.21	0	0	0	0	0	0
10/25/2023 20:04	17805 GILB_T2	0	0	0	0	0	0	-0.13	-0.13	0	0	0	0	0	0
10/25/2023 20:05	17805 GILB_T2	0	0	0	0	0	0	-0.13	-0.13	0	0	0	0	0	0
10/25/2023 20:06	64203 KINZ_T1	0	27	27	0	0.16	0.16	0.49	0.56	0	0	0	0	0	0
10/25/2023 20:06	44601 SALI_T2	1	0	-1	0.2	0	-0.2	1.05	0.94	0	0	0	0	0	0
10/25/2023 20:06	56802 BENV_T2	11	60	49	0.19	0.16	-0.03	-0.82	-0.78	0	0	0	0	0	0
10/25/2023 20:07	45902 AUBU_T1	0	3	3	0	0.13	0.13	0	0	0	0	0	0	0	0
10/25/2023 20:07	66503 SMAN_T2	0	22	22	0	0.14	0.14	0	0	0	0	0	0	0	0
10/25/2023 20:07	63305 GREE_T1	4	14	10	0.1	0.31	0.21	-1.86	-1.9	1	1	0	900	900	0
10/25/2023 20:07	28403 HART_T2	0	0	0	0	0	0	-0.65	-0.66	1	1	0	900	900	0
10/25/2023 20:08	25801 SUTR_T2	0	0	0	0	0	0	-0.09	-0.08	0	0	0	0	0	0
10/25/2023 20:08	41801 GOCI_T2	0	0	0

Appendix C - Grid Benefits Achieved in Each Instance of Active Management

10/25/2023 20:11	46301 ROHR_T1	0	0	0	0	0	0	0.14	0.15	0	0	0	0	0	0
10/25/2023 20:11	28601 BLYT_T2	0	1	1	0	0	0	0	0	0	0	0	0	0	0
10/25/2023 20:11	47802 MOCA_T2	0	0	0	0	0	0	-0.97	-0.97	0	0	0	0	0	0
10/25/2023 20:12	15001 BLMO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/25/2023 20:12	67002 STHI_T2	0	0	0	0	0	0	0.6	0.59	0	0	0	0	0	0
10/25/2023 20:12	24901 WHHA_T1	3	3	0	0.13	0.13	0	0	0	0	0	0	0	0	0
10/25/2023 20:12	42201 SHEN_T2	0	0	0	0	0	0	0.02	0.03	1	1	0	600	600	0
10/25/2023 20:12	67502 WEWI_T2	0	32	32	0	0.16	0.16	-0.95	-0.87	0	0	0	0	0	0
10/25/2023 20:12	64101 REFR_T1	0	0	0	0	0	0	-0.01	-0.01	0	0	0	0	0	0
10/25/2023 20:12	62604 ENGL_T1	0	0	0	0	0	0	-3.25	-3.23	2	2	0	1200	1200	0
10/25/2023 20:12	45501 DERR_T2	3	2	-1	0.5	0	-0.5	0.92	0.82	2	2	0	1800	1800	0
10/25/2023 20:12	53601 DALM_T2	1	1	0	0.4	0.7	0.3	-0.19	-0.23	0	0	0	0	0	0
10/25/2023 20:12	61303 EARL_T1	0	0	0	0	0	0	0.28	0.26	0	0	0	0	0	0
10/25/2023 20:12	26603 BROO_T1	0	0	0	0	0	0	0.22	0.21	0	0	0	0	0	0
10/25/2023 20:12	45902 AUBU_T1	0	3	3	0	0.13	0.13	-2.08	-2	2	2	0	1200	1200	0
10/25/2023 20:12	12701 MACU_T1	0	0	0	0	0	0	0.02	0.02	0	0	0	0	0	0
10/25/2023 20:13	45902 AUBU_T1	0	3	3	0	0.13	0.13	-1.04	-1	1	1	0	600	600	0
10/25/2023 20:13	63305 GREE_T1	4	14	10	0.1	0.31	0.21	-1.9	-2.04	1	1	0	900	900	0
10/25/2023 20:13	65003 NEFF_T2	74	0	-74	0.18	0	-0.18	0	0	0	0	0	0	0	0
10/25/2023 20:13	15001 BLMO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/25/2023 20:13	53501 EVIL_T2	0	1	1	0	0.2	0.2	-0.76	-0.74	1	1	0	600	600	0
10/25/2023 20:13	46203 DANV_T2	4	4	0	0.18	0.18	0	-0.14	-0.18	0	0	0	0	0	0
10/25/2023 20:13	54502 ENOL_T2	1	1	0	0.4	0.5	0.1	0	0	0	0	0	0	0	0
10/25/2023 20:13	60801 BUCK_T1	70	170	100	0.42	0.44	0.02	0	0	0	0	0	0	0	0
10/25/2023 20:13	42002 MNVL_T2	1	2	1	3.1	1.6	-1.5	0	0	0	0	0	0	0	0
10/25/2023 20:13	45001 LIME_2	23	34	11	0.28	0.49	0.21	0	0	0	0	0	0	0	0
10/25/2023 20:13	13901 SEID_T1	0	0	0	0	0	0	0.18	0.15	0	0	0	0	0	0
10/25/2023 20:13	12701 MACU_T1	0	0	0	0	0	0	0.02	0.02	0	0	0	0	0	0
10/25/2023 20:13	44802 EDAN_T2	0	0	0	0	0	0	-0.88	-0.94	0	0	0	0	0	0
10/25/2023 20:13	42701 AUGU_T1	0	0	0	0	0	0	0	0	2	2	0	1800	1800	0
10/25/2023 20:14	67002 STHI_T2	0	0	0	0	0	0	0.6	0.59	0	0	0	0	0	0
10/25/2023 20:14	46001 BERW_T1	0	0	0	0	0	0	0.82	0.84	0	0	0	0	0	0
10/25/2023 20:14	51306 WIND_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/25/2023 20:14	55101 WERT_T1	0	0	0	0	0	0	-1.32	-1.28	2	2	0	1500	1500	0
10/25/2023 20:14	56802 BENV_T2	11	60	49	0.19	0.16	-0.03	-0.78	-0.81	0	0	0	0	0	0
10/25/2023 20:14	55002 NEWP_T1	6	0	-6	1.17	1.18	0.01	-0.28	-0.28	0	0	0	0	0	0
10/25/2023 20:14	15001 BLMO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/25/2023 20:14	41901 REED_T1	3	3	0	0.37	0.2	-0.17	-1.36	-1.35	1	1	0	900	900	0
10/25/2023 20:14	59101 WALK_T2	1	1	0	0	0	0	-0.27	0.05	0	0	0	0	0	0
10/25/2023 20:14	67502 WEWI_T2	0	32	32	0	0.16	0.16	-0.47	-0.44	0	0	0	0	0	0
10/25/2023 20:14	13503 MCMI_T2	0	0	0	0	0	0	-0.01	-0.01	0	0	0	0	0	0
10/25/2023 20:14	42701 AUGU_T1	0	0	0	0	0	0	0	0	2	2	0	1800	1800	0
10/25/2023 20:14	28403 HART_T2	0	0	0	0	0	0	-0.66	-0.64	1	1	0	900	900	0
10/25/2023 20:15	65601 QVIL_T2	0	10	10	0	0.15	0.15	0	0	0	0	0	0	0	0
10/25/2023 20:15	52004 LING_T2	0	0	0	0	0	0	0.14	0.22	0	0	0	0	0	0
10/25/2023 20:15	44601 SALE_T2	0	0	0	0	0	0	0.94	0.99	0	0	0	0	0	0
10/25/2023 20:15	54502 ENOL_T2	1	1	0	0.2	0.6	0.4	-1.35	-1.34	0	0	0	0	0	0
10/25/2023 20:15	54202 PENN_T2	214	451	237	0.14	0.21	0.07	0.54	0.52	0	0	0	0	0	0
10/25/2023 20:15	56503 ROCK_T2	25	0	-25	0.12	0	-0.12	0	0	0	0	0	0	0	0
10/25/2023 20:15	52402 GRPA_T2	4	5	1	1.05	1.3	0.25	0	0	0	0	0	0	0	0
10/25/2023 20:15	56803 BENV_T1	5	8	3	0.18	0.25	0.07	0	0	0	0	0	0	0	0
10/25/2023 20:15	12701 MACU_T1	0	0	0	0	0	0	0.02	0.02	0	0	0	0	0	0
10/25/2023 20:15	57702 PAXT_T1	0	0	0	0	0	0	-0.07	0	0	0	0	0	0	0
10/25/2023 20:15	53903 HALI_T2	2	2	0	1.05	0.7	-0.35	-0.08	-0.08	0	0	0	0	0	0
10/25/2023 20:15	16302 ALPA_T2	0	0	0	0	0	0	0.65	0.59	0	0	0	0	0	0
10/25/2023 20:16	46001 BERW_T1	0	0	0	0	0	0	0.82	0.84	0	0	0	0	0	0
10/25/2023 20:16	42802 SELI_T1	0	1	1	0	0.2	0.2	-1.23	-1.32	0	0	0	0	0	0
10/25/2023 20:16	14404 SSLA_T1	1	1	0	0.2	0.2	0	0	0	0	0	0	0	0	0
10/25/2023 20:16	67503 WEWI_T2	0	0	0	0	0	0	-0.5	-0.46	0	0	0	0	0	0
10/25/2023 20:16	54501 ENOL_T2	2	4	2	0.1	0.3	0.2	0	0	0	0	0	0	0	0
10/25/2023 20:16	45802 HEGI_T2	1	0	-1	0.1	0	-0.1	0.7	0.58	0	0	0	0	0	0
10/25/2023 20:16	43202 MVIL_T2	0	28	28	0	0.18	0.18	0	0	0	0	0	0	0	0
10/25/2023 20:16	54503 ENOL_T2	0	0	0	0	0	0	-0.84	-0.84	2	2	0	1200	1200	0
10/25/2023 20:16	52402 GRPA_T2	4	5	1	1.05	1.3	0.25	0	0	0	0	0	0	0	0
10/25/2023 20:16	53501 EVIL_T2	1	1	0	0.2	0.4	0.2	-0.76	-0.74	1	1	0	600	600	0
10/25/2023 20:16	42701 AUGU_T1	0	0	0	0	0	0	0	0	2	2	0	1800	1800	0
10/25/2023 20:16	13302 ORVI_T2	154	248	94	0.23	0.25	0.02	0.88	0.84	0	0	0	0	0	0
10/25/2023 20:16	56802 BENV_T2	58	35	-23	0.16	0.14	-0.02	-1.56	-1.62	0	0	0	0	0	0
10/25/2023 20:16	15001 BLMO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/25/2023 20:17	62607 ENGL_T1	0	1	1	0	0.1	0.1	0	0	0	0	0	0	0	0
10/25/2023 20:17	54502 ENOL_T2	1	1	0	0.2	0.6	0.4	-1.35	-1.34	0	0	0	0	0	0
10/25/2023 20:17	40902 JESH_T1	0	0	0	0	0	0	-0.76	-0.79	0	0	0	0	0	0
10/25/2023 20:17	63804 HEMP_T1	1	5	4	5.3	1.14	-4.16	0	0	0	0	0	0	0	0
10/25/2023 20:17	57702 PAXT_T1	0	0	0	0	0	0	-0.07	0	0	0	0	0	0	0
10/25/2023 20:17	54501 ENOL_T2	2	4	2	0.1	0.3	0.2	0.09	0.1	0	0	0	0	0	0
10/25/2023 20:17	56802 BENV_T2	58	35	-23	0.16	0.14	-0.02	-0.78	-0.81	0	0	0	0	0	0
10/25/2023 20:17	56603 HAMP_T1	58	106	48	0.21	0.31	0.1	0	0	0	0	0	0	0	0
10/25/2023 20:17	17804 GILB_T2	1	11	10	0.1	0.1	0	-0.57	-0.57	0	0	0	0	0	0
10/25/2023 20:17	46901 MNTG_T2	0	0	0	0	0	0	1.31	1.21	0	0	0	0	0	0
10/25/2023 20:17	67401 WAKE_T2	108	165	57	0.25	0.36	0.11	-0.83	-0.81	0	0	0	0	0	0
10/25/2023 20:17	43202 MVIL_T2	0	28	28	0	0.18	0.18	-0.73	-0.73	0	0	0	0	0	0
10/25/2023 20:17	46203 DANV_T2	0	5	5	0	0.18	0.18	-0.14	-0.18	0	0	0	0	0	0
10/25/2023 20:17	45501 DERR_T2	2	0	-2	0.2	0	-0.2	0.92	0.82	2	2	0	1800	1800	0
10/25/2023 20:17	52404 GRPA_T2	1	1	0	1.1	1.3	0.2	0	0	0	0	0	0	0	0
10/25/2023 20:17	40201 BEGA_T2	1	1	0	0	0	0	0	0	0	0	0	0	0	0
10/25/2023 20:17	67203 TEHI_T1	0	0	0	0	0	0	2.29	2.45	1	1	0	600	600	0
10/25/2023 20:17	56801 BENV_T1	35	39	4	0.75	0.88	0.13	-1.66	-1.66	2	2	0	1200	1200	0
10/25/2023 20:17	51306 WIND_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/25/2023 20:17	20403 ASHF_T2	0	0	0	0	0	0	0.12	0.08	0	0	0	0	0	0
10/25/2023 20:17	42701 AUGU_T1	0	0	0	0	0	0	0	0	2	2	0	1800	1800	0
10/25/2023 20:17	42201 SHEN_T2	0	1	1	0	0	0	0.02	0.03	1	1	0	600	600	0
10/25/2023 20:17	15001 BLMO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/25/2023 20:18	64801 MONE_T2	0	1	1	0	0.2	0.2	0	0	0	0	0	0	0	0
10/25/2023 20:18	64101 REFR_T1	0	0	0	0	0	0	-0.01	-0.01	0	0	0	0	0	0
10/25/2023 20:18	29401 BELT_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/25/2023 20:18	54501 ENOL_T2	2	4	2	0.1	0.3	0.2	0	0	0	0	0	0	0	0
10/25/2023 20:18	13704 SCHN_T2	0	5	5	0	0.14	0.14	-0.45	-0.44	0	0	0	0	0	0
10/25/2023 20:18	53101 WTWN_T1	3	3	0	1.23	1.2	-0.03	0	0	0	0	0	0	0	0
10/25/2023 20:18	61202 REIN_T1	61	61	0	1.22	1.38	0.16	0	0	0	0	0	0	0	0
10/25/2023 20:18	14403 SSLA_T1	0	0	0	0	0	0	0.71	0.71	0	0	0	0	0	0
10/25/2023 20:18	45003 LIME_2	1	1	0	4.2	4.5	0.3	0	0	1	1	0	1200	1200	0
10/25/2023 20:18	40101 HUNT_T2	0	1	1	0	0	0	-0.48	-0.51	0	0	0	0	0	0
10/25/2023 20:18	66505 SMAN_T2	0	3	3	0	0.6	0.6	0	0	0	0	0	0	0	0
10/25/2023 20:18	46001 BERW_T1	0	0	0	0	0	0	0.82	0.84	0	0	0	0	0	0
10/25/2023 20:18	61801 EELI_T2	2	2	0	1.55	1.25	-0.3	-0.28	-0.26	0	0	0	0	0	0
10/25/2023 20:18	12701 MACU_T1	0	0	0	0	0	0	0.02	0.02	0	0	0	0	0	0
10/25/2023 20:19	46801 HEPB_T2	3	3	0	0.47	0.53	0.06	0	0	0	0	0	0	0	0
10/25/2023 20:19	13701 SCHN_T2	0	3	3	0	0.1	0.1	0	0	0	0	0	0	0	0
10/25/2023 20:19	66703 STRA_T1	1	5	4	0.2	0.26	0.06	-0.38	-0.38	0	0	0	0	0	0
10/25/2023 20:19	64101 REFR_T1	0	0	0	0	0	0	-0.01	-0.01	0	0	0	0	0	0
10/25/2023 20:19	45702 LIND_T2	1	1	0	1.4	0.8	-0.6	-0.54	-0.55	0	0	0	0	0	0
10/25/2023 20:20	62604 ENGL_T1	0	0	0	0	0	0	-1.62	-1.62	1	1	0	600	600	0
10/25/2023 20:20	56504 ROCK_T2	0	0	0	0	0	0	-0.37	-0.37	0	0	0	0	0	0
10/25/2023 20:20	54502 ENOL_T2	1	1	0	0.2	0.6	0.4	0	0	0	0	0	0	0	0
10/25/2023 20:20	13701 SCHN_T2	0	3	3	0	0.1	0.1	0	0	0	0	0	0	0	0
10/25/2023 20:20	64802 MONE_T2	69	2	-67	0.49	0.1	-0.39	-0.01	-0.01	0	0	0	0	0	0
10/25/2023 20:20	45501 DERR_T2	2	0	-2	0.2	0	-0.2	0.92	0.82	2	2	0	1800	1800	0
10/25/2023 20:20	42802 SELI_T1	0	1	1	0	0.2	0.2	-1.23	-1.32	0	0	0	0	0	0
10/25/2023 20:20	46702 RENO_T1	0	0	0	0	0	0	-0.17	-0.17	0	0	0	0	0	0
10/25/2023 20:20	40902 JESH_T1	0	0	0	0	0	0	-0.76	-0.79	0	0	0	0	0	0
10/25/2023 20:20	45402 WILO_T2	24	45	21	0.2	0.29	0.09	-0.77	-0.79	0	0	0	0	0	0
10/25/2023 20:21	43302 WATS_T2	0	1	1	0	0.1	0.1	0	0	0	0	0	0	0	0
10/25/2023 20:21	56603 HAMP_T1	58	106	48	0.21	0.31	0.1	0	0	0	0	0	0	0	0
10/25/2023 20:21	40201 BEGA_T2	1	1	0	0	0	0	0	0	0	0	0	0	0	0
10/25/2023 20:21	58402 MORO_T1	0	0	0	0	0	0	-1.4	-0.46	2	1	-1	1500	600	-900
10/25/2023 20:21	56802 BENV_T2	58	35	-23	0.16	0.14	-0.02	-0.78	-0.81	0	0	0	0	0	0
10/25/2023 20:21	53903 HALI_T2	2	2	0	1.05	0.7	-0.35	-0.08	-0.08	0	0	0	0	0	0
10/25/2023 20:22	41901 REED_T1	3	2	-1	0.2	0.2	0	0	0	0	0	0	0	0	0
10/25/2023 20:22	46801 HEPB_T2	3	3	0	0.47	0.53	0.06	0.55	0.56	0	0	0	0	0	0
10/25/2023 20:22	55002 NEWP_T1	6	6	0	1.05	1.2	0.15	-0.28	-0.28	0	0	0	0	0	0
10/25/2023 20:22	54505 ENOL_T2	1	1	0	1.3	1.4	0.1	0	0	0	0	0	0	0	0
10/25/2023 20:22	40103 HUNT_T2	0	1	1	0	0	0	-0.48	-0.51	0	0	0	0	0	0
10/25/2023 20:22	57403 SPAN_T1	0	0	0	0	0	0	-0.01	0.01	0	0	0	0	0	0
10/25/2023 20:22	56802 BENV_T2	58	35	-23	0.16	0.14	-0.02	-0.78	-0.81	0	0	0	0	0	0
10/25/2023 20:23	56802 BENV_T2	58	35	-23	0.16	0.14	-0.02	-0.78	-0.81	0	0	0	0	0	0
10/25/2023 20:23	54701 NEBL_T1	7	7	0	0.3	0.2	-0.1	0	0	1	1	0	600	600	0
10/25/2023 20:23	44802 EDAN_T2	0	0	0	0	0	0	-0.88	-0.94	0	0	0	0	0	0
10/25/2023 20:23	55002 NEWP_T1	6	6	0	1.05	1.2	0.15	-0.28	-0.28	0	0	0	0	0	0
10/25/2023 20:24	54501 ENOL_T2	2	4	2	0.1	0.3	0.2	0	0	0	0	0	0	0	0
10/25/2023 20:24	53501 EVIL_T2	1	1	0	0.2	0.4	0.2	-0.76	-0.74	1	1	0	600	600	0
10/25/2023 20:25	58402 MORO_T1	0	0	0	0	0	0	-1.4	-0.46	1	1	0	600	600	0
10/25/2023 20:25	59101 WALK_T2	1	2	1	0	0	0	-0.27	0.05	0	0	0	0	0	0
10/25/2023 20:25	46302 ROHR_T1	4	4	0	1.55	1.85	0.3	0.15	0.16	0	0	0	0	0	0
10/25/2023 20:26	52402 GRPA_T2	4	5	1	1.05	1.3	0.25	0	0	0	0	0	0	0	0
10/25/2023 20:27	51306 WIND_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/25/2023 20:28	63801 HEMP_T1	0	134	134	0	0.16	0.16	0	0	0	0	0	0	0	0
10/25/2023 20:37	61202 REIN_T1	61	61	0	1.37	1.32	-0.05	0	0	0	0	0	0	0	0
10/25/2023 21:05	64101 REFR_T1	0	0	0	0	0	0	-0.01	-0.01	0	0	0	0	0	0
10/25/2023 21:14	65001 NEFF_T2	0	5	5	0	0.12	0.12	-0.95	-1.05	1	1	0	1200	1200	0
10/25/2023 21:27	61202 REIN_T1	61	61	0	1.12	1.58	0.46	0	0	0	0	0	0	0	0
10/25/2023 21:28	56501 ROCK_T2	18	199	181	0.21	0.19	-0.02	0	0	0	0	0	0	0	0
10/25/2023 21:28	40101 HUNT_T2	0	0	0	0	0	0	-0.53	-0.54	0	0	0	0	0	0
10/25/2023 21:34	52403 GRPA_T2	8	2	-6	0.25	0.1	-0.15	-0.09	-0.1	0	0	0	0	0	0
10/25/2023 21:47	63804 GREE_T1	0	2	2	0	0.1	0.1	0	0	0	0	0	0	0	0
10/25/2023 22:55	63305 GREE_T1	0	0	0	0	0	0	-1.12	-1.12	0	0	0	0	0	0
10/25/2023 23:06	63305 GREE_T1	0	0	0	0	0	0	-1.12	-1.19	0	0	0	0	0	0
10/25/2023 23:58	63305 GREE_T1	0	0	0	0	0	0	-2.24	-2.19	1	1	0	900	900	0
10/26/2023 0:28	28601 BLYT_T2	0	1	1	0	1.2	1.2	0	0	0	0	0	0	0	0
10/26/2023 0:28	54502 ENOL_T2	0	1	1	0	0.2	0.2	0	0	0	0	0	0	0	0
10/26/2023 0:28	16301 ALPA_T1	1	1	0	0.1	0.2	0.1	-1.28	-1.26	0	0	0	0	0	0
10/26/2023 0:28	41801 GOCI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/26/2023 0:28	60801 BUCK_T1	130	179	49	0.31	0.44	0.13	-0.29	-0.3	0	0	0	0	0	0
10/26/2023 0:28	67603 WARW_T1	0	1	1	0	0	0	0	0	0	0	0	0	0	0
10/26/2023 0:28	16302 ALPA_T2	0	0	0	0	0	0	0.52	0.49	0	0	0	0	0	0
10/26/2023 0:28	15103 UPHA_T2	0	0	0	0	0	0	0.22	0.21	0	0	0	0	0	0
10/26/2023 0:28	40103 HUNT_T2	11	17	6	0.17	0.17	0	-0.69	-0.69	0	0	0	0	0	0
10/26/2023 0:28	67503 WEWI_T2	0	0	0	0	0	0	-0.8	-0.81	0	0	0	0	0	0
10/26/2023 0:28	59301 MCAL_T1	282	344	62	0.56	0.5	-0.06	0	0	0	0	0	0	0	0
10/26/2023 0:28	56503 ROCK_T2	1	114	113	0.1	0.15	0.05	0	0	0	0	0	0	0	0
10/26/2023 0:28	52402 GRPA_T2	1	2	1	3.3	2	-1.3	0	0	0	0	0	0	0	0
10/26/2023 0:28	56802 BENV_T2	1	1	0	0.2	0.4	0.2	-0.88	-0.83	0	0	0	0	0	0
10/26/2023 0:28	67201 TEHI_T1	0	0	0	0	0	0	0.28	0.32	0	0	0	0	0	0
10/26/2023 0:28	53903 HALI_T2	2	2	0	1.15	1.3	0.15	0	0	0	0	0	0	0	0
10/26/2023 0:28	49804 UNIV_T1	1	2	1	0.9	0.65	-0.25	0	0	0	0	0	0	0	0
10/26/2023 0:28	17802 GILB_T1	31	76	45	0.11	0.12	0.01	-0.07	-0.08	0	0	0	0	0	0
10/26/2023 0:28	54502 ENOL_T2	0	1	1	0	0.2	0.2	0	0	0	0	0	0	0	0
10/26/2023 0:28	54505 ENOL_T2	1	1	0	0.3	0.5	0.2	-2.86	-2.86	2	2	0	1200	1200	0
10/26/2023 0:28	56503 ROCK_T2	1	114	113	0.1	0.15	0.05	0	0	0	0	0	0	0	0
10/26/2023 0:28	45501 DERR_T

10/26/2023 8:56	54505 ENOL_T2	1	1	0	0.7	1	0.3	0	0	0	0	0	0	0	0
10/26/2023 8:57	53501 EVIL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/26/2023 8:57	40101 HUNT_T2	0	0	0	0	0	0	-0.28	-0.29	0	0	0	0	0	0
10/26/2023 8:58	45902 DERR_T2	2	0	-2	0.1	0	-0.1	0	0	0	0	0	0	0	0
10/26/2023 8:58	54505 ENOL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/26/2023 8:59	53501 EVIL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/26/2023 8:59	54502 ENOL_T2	1	1	0	0.4	0.7	0.3	0	0	0	0	0	0	0	0
10/26/2023 9:00	54502 ENOL_T2	1	1	0	0.7	0.2	-0.5	-1.43	-1.4	0	0	0	0	0	0
10/26/2023 9:00	54502 ENOL_T2	1	1	0	0.7	0.2	-0.5	-1.43	-1.4	0	0	0	0	0	0
10/26/2023 9:01	46801 HEPB_T2	4	7	3	0.6	0.43	-0.17	0.56	0.57	0	0	0	0	0	0
10/26/2023 9:03	42902 MIDD_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/26/2023 9:04	54701 NEBL_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/26/2023 9:05	55002 NEWP_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/26/2023 9:19	64101 REFR_T1	0	0	0	0	0	0	-0.01	0.03	0	0	0	0	0	0
10/26/2023 9:20	54701 NEBL_T1	0	0	0	0	0	0	0	0	1	1	0	600	600	0
10/26/2023 9:21	64101 REFR_T1	0	0	0	0	0	0	-0.01	0.03	0	0	0	0	0	0
10/26/2023 9:22	49804 UNIV_T1	1	1	0	0.5	0.1	-0.4	0	0	0	0	0	0	0	0
10/26/2023 9:22	64101 REFR_T1	0	0	0	0	0	0	-0.01	0.03	0	0	0	0	0	0
10/26/2023 9:23	64101 REFR_T1	0	0	0	0	0	0	-0.01	0.05	0	0	0	0	0	0
10/26/2023 9:24	57403 SPAN_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/26/2023 9:31	43202 MVIL_T2	0	1	1	0	0.5	0.5	-0.7	-0.64	0	0	0	0	0	0
10/26/2023 9:33	43202 MVIL_T2	0	1	1	0	0.5	0.5	-0.7	-0.64	0	0	0	0	0	0
10/26/2023 9:33	42001 MNVL_T2	8	89	81	0.25	0.19	-0.06	0	-0.02	0	0	0	0	0	0
10/26/2023 9:34	55002 NEWP_T1	8	17	9	1.03	0.72	-0.31	-0.24	-0.25	0	0	0	0	0	0
10/26/2023 9:37	56802 BENV_T2	25	22	-3	0.2	0.25	0.05	-1.48	-1.46	0	0	0	0	0	0
10/26/2023 9:38	56802 BENV_T2	25	22	-3	0.2	0.25	0.05	-1.48	-1.46	0	0	0	0	0	0
10/26/2023 9:38	14402 SSLA_T1	0	1	1	0	0.1	0.1	0	0	0	0	0	0	0	0
10/26/2023 9:38	42201 SHEN_T2	0	0	0	0	0	0	0.06	0.06	1	1	0	600	600	0
10/26/2023 9:39	59102 WALK_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/26/2023 9:40	56802 BENV_T2	25	22	-3	0.2	0.25	0.05	-1.48	-1.46	0	0	0	0	0	0
10/26/2023 9:40	10801 CHHI_T1	0	2	2	0	0.2	0.2	-0.9	-0.92	1	1	0	900	900	0
10/26/2023 9:41	56802 BENV_T2	25	22	-3	0.2	0.25	0.05	-1.46	-1.46	0	0	0	0	0	0
10/26/2023 9:42	56802 BENV_T2	25	22	-3	0.2	0.25	0.05	-1.46	-1.46	0	0	0	0	0	0
10/26/2023 9:42	29402 BELT_T1	1	2	1	8.5	4.2	-4.3	0	0	0	0	0	0	0	0
10/26/2023 9:49	65001 NEFF_T2	0	0	0	0	0	0	-0.64	-0.56	1	1	0	1200	1200	0
10/26/2023 9:50	43201 MVIL_T2	0	0	0	0	0	0	-0.42	-0.42	0	0	0	0	0	0
10/26/2023 9:50	61202 REIN_T1	59	60	1	0.84	1.11	0.27	0	0	0	0	0	0	0	0
10/26/2023 9:50	59101 WALK_T2	1	1	0	0	0	0	0.35	1.1	0	0	0	0	0	0
10/26/2023 9:51	46702 RENO_T1	0	0	0	0	0	0	-0.17	-0.17	0	0	0	0	0	0
10/26/2023 9:51	41901 REED_T1	1	3	2	0.1	0.1	0	-1.27	-1.41	1	1	0	900	900	0
10/26/2023 9:52	15001 BLMO_T1	1	1	0	0.2	0.1	-0.1	0	0	0	0	0	0	0	0
10/26/2023 9:54	45501 DERR_T2	1	1	0	0.1	0.5	0.4	1.16	0.95	2	2	0	1800	1800	0
10/26/2023 9:54	20403 ASHF_T2	4	4	0	0.4	0.45	0.05	1.82	1.76	0	0	0	0	0	0
10/26/2023 9:55	41801 GOCI_T2	4	4	0	0.3	0.2	-0.1	0	0	0	0	0	0	0	0
10/26/2023 9:56	45501 DERR_T2	1	1	0	0.1	0.5	0.4	0.95	0.96	2	2	0	1800	1800	0
10/26/2023 9:56	29401 BELT_T1	0	1	1	0	0	0	0	0	0	0	0	0	0	0
10/26/2023 9:56	53501 EVIL_T2	4	3	-1	0.25	0.37	0.12	-0.86	-0.73	4	4	0	2400	2400	0
10/26/2023 9:57	54502 ENOL_T2	0	1	1	0	0.5	0.5	0	0	0	0	0	0	0	0
10/26/2023 9:57	15001 BLMO_T1	1	1	0	0.2	0.1	-0.1	0	0	0	0	0	0	0	0
10/26/2023 9:58	54505 ENOL_T2	1	1	0	0.2	0.9	0.7	0	0	0	0	0	0	0	0
10/26/2023 9:58	41801 GOCI_T2	4	4	0	0.3	0.2	-0.1	0	0	0	0	0	0	0	0
10/26/2023 9:58	54502 ENOL_T2	0	1	1	0	0.5	0.5	-1.33	-1.38	0	0	0	0	0	0
10/26/2023 9:58	46801 HEPB_T2	2	3	1	1	0.8	-0.2	0	0	0	0	0	0	0	0
10/26/2023 9:58	60801 BUCK_T1	1	1	0	0.1	0.1	0	0.15	0.15	0	0	0	0	0	0
10/26/2023 9:59	53501 EVIL_T2	4	3	-1	0.25	0.37	0.12	-0.43	-0.36	2	2	0	1200	1200	0
10/26/2023 10:00	65001 NEFF_T2	0	0	0	0	0	0	-0.56	-0.6	1	1	0	1200	1200	0
10/26/2023 10:00	43301 WATS_T2	1	1	0	1	0.7	-0.3	0	0	0	0	0	0	0	0
10/26/2023 10:00	56603 HAMP_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/26/2023 10:00	56501 ROCK_T2	21	39	18	0.39	0.44	0.05	0	0	0	0	0	0	0	0
10/26/2023 10:00	67203 TEHI_T1	0	1	1	0	0	0	2.36	2.49	2	2	0	1500	1500	0
10/26/2023 10:00	60502 NMAN_T2	0	0	0	0	0	0	-0.08	-0.12	0	0	0	0	0	0
10/26/2023 10:00	41502 FAIR_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/26/2023 10:00	55002 NEWP_T1	17	15	-2	0.72	0.83	0.11	-0.46	-0.42	0	0	0	0	0	0
10/26/2023 10:00	67401 WAKE_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/26/2023 10:00	43201 MVIL_T2	0	0	0	0	0	0	-0.42	-0.41	0	0	0	0	0	0
10/26/2023 10:00	53501 EVIL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/26/2023 10:00	46903 MNTG_T2	1	0	-1	0.1	0	-0.1	0.11	0.23	1	1	0	600	600	0
10/26/2023 10:00	13704 SCHN_T2	0	1	1	0	0.1	0.1	-0.32	-0.29	0	0	0	0	0	0
10/26/2023 10:00	59102 WALK_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/26/2023 10:00	42902 MIDD_T2	0	0	0	0	0	0	-2.42	-2.18	2	2	0	1200	1200	0
10/26/2023 10:00	51306 WIND_T2	0	0	0	0	0	0	0.04	0.04	0	0	0	0	0	0
10/26/2023 10:00	56603 HAMP_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/26/2023 10:00	67604 WARW_T1	0	1	1	0	0	0	0.65	0.64	0	0	0	0	0	0
10/26/2023 10:00	62604 ENGL_T1	0	0	0	0	0	0	-7.04	-6.97	5	5	0	3000	3000	0
10/26/2023 10:00	23301 JEFF_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/26/2023 10:00	12604 MACA_T1	0	0	0	0	0	0	0.24	0.27	0	0	0	0	0	0
10/26/2023 10:00	43202 MVIL_T2	1	1	0	0.1	0.5	0.4	-1.26	-1.34	0	0	0	0	0	0
10/26/2023 10:00	64801 MONE_T2	0	0	0	0	0	0	-0.01	-0.01	0	0	0	0	0	0
10/26/2023 10:00	52403 GRPA_T2	0	1	1	0	0.1	0.1	-0.07	-0.01	0	0	0	0	0	0
10/26/2023 10:00	13302 ORVI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/26/2023 10:00	52503 PROG_T2	0	0	0	0	0	0	-0.74	-0.72	1	1	0	900	900	0
10/26/2023 10:00	67203 TEHI_T1	0	1	1	0	0	0	2.36	2.49	2	2	0	1500	1500	0
10/26/2023 10:00	57403 SPAN_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/26/2023 10:00	26401 INOR_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/26/2023 10:00	46203 DANV_T2	2	4	2	0.1	0.18	0.08	0	0	0	0	0	0	0	0
10/26/2023 10:00	60201 ATGL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/26/2023 10:00	40101 HUNT_T2	1	1	0	0.4	0.4	0	-0.18	-0.21	0	0	0	0	0	0
10/26/2023 10:00	53901 HALI_T2	1	1	0	0.2	0.3	0.1	0	0	0	0	0	0	0	0
10/26/2023 10:00	40602 PIGR_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/26/2023 10:00	56802 BENV_T2	22	50	28	0.23	0.19	-0.04	-1.46	-1.38	0	0	0	0	0	0
10/26/2023 10:00	45802 HEGI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/26/2023 10:00	54701 NEBL_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/26/2023 10:02	52402 GRPA_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/26/2023 10:04	52402 GRPA_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/26/2023 10:06	13901 SEID_T1	0	0	0	0	0	0	0.15	0.15	0	0	0	0	0	0
10/26/2023 10:06	46801 HEPB_T2	3	2	-1	0.8	1.1	0.3	0.57	0.58	0	0	0	0	0	0
10/26/2023 10:06	54501 ENOL_T2	0	0	0	0	0	0	0.08	0.08	0	0	0	0	0	0
10/26/2023 10:06	13701 SCHN_T2	1	2	1	0.2	0.25	0.05	0	0	0	0	0	0	0	0
10/26/2023 10:07	54701 NEBL_T1	0	0	0	0	0	0	0	0	1	1	0	600	600	0
10/26/2023 10:07	41901 REED_T1	0	2	2	0	0.1	0.1	-1.41	-1.36	1	1	0	900	900	0
10/26/2023 10:07	64101 REFR_T1	0	0	0	0	0	0	-0.01	-0.01	0	0	0	0	0	0
10/26/2023 10:07	66703 STRA_T1	1	1	0	0.2	0.3	0.1	-0.1	-0.18	0	0	0	0	0	0
10/26/2023 10:08	66504 SMAN_T2	1	0	-1	0.1	0	-0.1	0	0	0	0	0	0	0	0
10/26/2023 10:08	56801 BENV_T1	48	47	-1	1.11	1.03	-0.08	-0.86	-0.85	1	1	0	600	600	0
10/26/2023 10:08	60801 BUCK_T1	1	1	0	0.1	0.1	0	0.15	0.15	0	0	0	0	0	0
10/26/2023 10:08	15001 BLMO_T1	0	1	1	0	0.2	0.2	0	0	0	0	0	0	0	0
10/26/2023 10:09	49804 UNIV_T1	1	1	0	0.4	0.7	0.3	0	0	0	0	0	0	0	0
10/26/2023 10:09	45501 DERR_T2	1	2	1	0.3	0.5	0.2	0.95	0.96	2	2	0	1800	1800	0
10/26/2023 10:09	56801 BENV_T1	48	47	-1	1.11	1.03	-0.08	-0.86	-0.85	1	1	0	600	600	0
10/26/2023 10:09	20403 ASHF_T2	3	4	1	0.43	0.45	0.02	1.76	1.72	0	0	0	0	0	0
10/26/2023 10:09	56802 BENV_T2	22	50	28	0.23	0.19	-0.04	-2.92	-2.76	0	0	0	0	0	0
10/26/2023 10:10	49804 UNIV_T1	1	1	0	0.4	0.7	0.3	0	0	0	0	0	0	0	0
10/26/2023 10:10	56802 BENV_T2	22	50	28	0.23	0.19	-0.04	-2.92	-2.76	0	0	0	0	0	0
10/26/2023 10:10	59102 WALK_T2	3	0	-3	0.27	0	-0.27	0	0	0	0	0	0	0	0
10/26/2023 10:11	46004 BERW_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/26/2023 10:11	53501 EVIL_T2	3	2	-1	0.37	0.2	-0.17	-0.36	-0.22	2	2	0	1200	1200	0
10/26/2023 10:11	41801 GOCI_T2	4	3	-1	0.2	0.33	0.13	0	0	0	0	0	0	0	0
10/26/2023 10:11	56802 BENV_T2	22	50	28	0.23	0.19	-0.04	-1.38	-1.44	0	0	0	0	0	0
10/26/2023 10:11	49804 UNIV_T1	1	1	0	0.4	0.7	0.3	0	0	0	0	0	0	0	0
10/26/2023 10:12	56802 BENV_T2	22	50	28	0.23	0.19	-0.04	-2.76	-2.88	0	0	0	0	0	0
10/26/2023 10:12	53501 EVIL_T2	3	2	-1	0.37	0.2	-0.17	-0.36	-0.22	2	2	0	1200	1200	0
10/26/2023 10:13	53903 HALI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/26/2023 10:13	53601 DALM_T2	1	1	0	0.5	0.4	-0.1	-0.37	-0.42	1	1	0	900	900	0
10/26/2023 10:13	45501 DERR_T2	1	2	1	0.3	0.5	0.2	0.96	0.92	2	2	0	1800	1800	0
10/26/2023 10:13	56803 BENV_T1	2	3	1	0.25	0.6	0.35	0	0	0	0	0	0	0	0
10/26/2023 10:13	54505 ENOL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/26/2023 10:14	41801 GOCI_T2	4	3	-1	0.2	0.33	0.13	0	0	0	0	0	0	0	0
10/26/2023 10:14	53501 EVIL_T2	3	2	-1	0.37	0.2	-0.17	-0.36	-0.22	2	2	0	1200	1200	0
10/26/2023 10:15	52004 LING_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/26/2023 10:15	52401 GRPA_T2	1	2	1	0.1	0.35	0.25	0	0	0	0	0	0	0	0
10/26/2023 10:17	10801 CHHI_T1	0	4	4	0	0.23	0.23	-0.93	-0.91	1	1	0	900	900	0
10/26/2023 10:17	28403 HART_T2	0	0	0	0	0	0	-0.77	-0.79	1	1	0	900	900	0
10/26/2023 10:18	65001 NEFF_T2	0	0	0	0	0	0	-0.6	-0.53	1	1	0	1200	1200	0
10/26/2023 10:18	52403 GRPA_T2	0	5	5	0	0.44	0.44	-0.01	0.01	0	0	0	0	0	0
10/26/2023 10:18	54206 PENN_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/26/2023 10:20	56501 ROCK_T2	37	30	-7	0.25	0.28	0.03	-0.43	-0.44	0	0	0	0	0	0
10/26/2023 10:21	42601 TUSC_T1	0	0	0	0	0	0	1.11	1.16	3	3	0	2400	2400	0
10/26/2023 10:22	46302 ROHR_T1	4	4	0	1.53	1.75	0.22	0	0	0	0	0	0	0	0
10/26/2023 10:22	56503 ROCK_T2	174	89	-85	0.19	0.16	-0.03	0	0	0	0	0	0	0	0
10/26/2023 10:23	66505 SMAN_T2	0	0	0	0	0	0	0.48	0.49	2	2	0	1100	1100	0
10/26/2023 10:25	43301 WATS_T2	1	1	0	0.7	0.5	-0.2	0	0	0	0	0	0	0	0
10/26/2023 10:25	15001 BLMO_T1	1	1	0	0.1	0.2	0.1	0	0	0	0	0	0	0	0
10/26/2023 10:25	67502 WEWI_T2	1	4	3	0.9	0.43	-0.47	-0.3	-0.3	0	0	0	0	0	0
10/26/2023 10:26	15001 BLMO_T1	1	1	0	0.1	0.2	0.1	0	0	0	0	0	0	0	0
10/26/2023 10:26	67502 WEWI_T2	1	4	3	0.9	0.43	-0.47	-0.3	-0.31	0	0	0	0	0	0
10/26/2023 10:27	67502 WEWI_T2	1	4	3	0.9	0.43	-0.47	-0.3	-0.31	0	0	0	0	0	0
10/26/2023 10:27	45802 HEGI_T2	0	0	0	0	0	0	0.82	1.21	0	0	0	0	0	0
10/26/2023 10:27	15001 BLMO_T1	1	1	0	0.1	0.2	0.1	0	0	0	0	0	0	0	0
10/26/2023 10:28	41502 FAIR_T2	0	0	0	0	0	0	-1.71	-1.71	1	1	0	900	900	0
10/26/2023 10:28	45402 WILD_T2	3	3	0	0.57	0.87	0.3	0	0	0	0	0	0	0	0
10/26/2023 10:31	42002 MNVL_T2	1	1	0	5.3	5.3	0	0	0	0	0	0	0	0	0
10/26/2023 10:31	15001 BLMO_T1	1	1	0	0.2	0.2	0	0	0	0	0	0	0	0	0
10/26/2023 10:32	40101 HUNT_T2	1	4	3	0.6	0.37	-0.23	-0.22	-0.13	0	0	0	0	0	0
10/26/2023 10:33	46702 RENO_T1	0	0	0	0	0	0	0	-0.16	0	0	0	0	0	0
10/26/2023 10:33	42601 TUSC_T1	0	1	1	0	0	0	1.16	0.91	3	3	0	2400	2400	0
10/26/2023 10:38	29402 BELT_T1	1	2	1	8.2	4.25	-3.95	0	0	0	0	0	0	0	0
10/26/2023 10:39	29402 BELT_T1	1	2	1	8.2	4.25	-3.95	0	0	0	0	0	0	0	0
10/26/2023 10:39	28604 BLYT_T2	0	0	0	0	0	0	-1.46	-1.45	0	0	0	0	0	0
10/26/2023 10:40	46203 DANV_T2	0	7	7	0	0.46	0.46	-0.06	-0.08	0	0	0	0	0	0
10/26/2023 10:41	28604 BLYT_T2	0	0	0	0	0	0	-1.45	-1.45	0	0	0	0	0	0
10/26/2023 10:43	46203 DANV_T2	0	7	7	0	0.46	0.46	-0.08	-0.14	0	0	0	0	0	0
10/26/2023 10:43	61801 EEU_T2	5	4	-1	0.82	0.58	-0.24	-0.12	-0.09	0	0	0	0	0	0
10/26/2023 10:46	64204 KINZ_T1	31	3	-28	0.26	0.8	0.54	0	0	0	0	0	0	0	0
10/26/2023 10:46	40101 HUNT_T2	3	2	-1	0.43	0.6	0.17	-0.13	-0.17	0	0	0	0	0	0
10/26/2023 10:46	59302 MCAL_T1	0	0	0	0	0	0	-0.2	-0.21	1	1	0	600	600	0
10/26/2023 10:48	52403 GRPA_T2	5	2	-3	0.44	0.4	-0.04	0	0	0	0	0	0	0	0
10/26/2023 10:48	13302 ORVI_T2	2	3	1	0.25	0.43	0.18	0.87	0.93	0	0	0	0	0	0
10/26/2023 10:50	57401 SPAN_T1	2	2	0	0.9	0.8	-0.1	0	0	0	0	0	0	0	0
10/26/2023 10:50	41901 REED_T1	1	8	7	0.1	0.29	0.19	0	0	0	0	0	0	0	0
10/26/2023 10:50	59102 WALK_T2	7	6	-1	0.44	0.42	-0.02	0	0	0	0	0	0	0	0
10/26/2023 10:51	41902 REED_T1	0	0	0	0	0	0	1.01	1.08	0	0	0	0	0	0
10/26/2023 10:51	66501 SMAN_T2	2	1	-1	0.2	0.2	0	0	0	0	0	0	0	0	0
10/26/2023 10:52	43402 BENT_T1	3	2	1	0.5	0.5	0	-1.27	-1.24	1	2	1	900	1500	600
10/26/2023 10:53	57401 SPAN_T1	2	2	0	0.9	0.8	-0.1	0	0	0	0	0	0	0	0
10/26/2023 10:53	41902 REED_T1	0	0	0	0	0	0	1.01	1.08	0	0	0	0	0	0
10/26/2023 10:54	67401 WAKE_T2	3	7	4	0.3	0.3	0	-0.81	-0.78	0	0	0	0	0	0
10/26/2023 10:54	60803 BUCK_T1	0	1	1	0	0.1	0.1	-0.91	-0.89	1	1	0	600	600	0
10/26/2023 10:55	60803 BUCK_T1	0	1	1	0	0.1	0.1	-0.91	-0.89	1	1	0	600

10/26/2023 11:26	61303 EARL_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/26/2023 11:26	56603 HAMP_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/26/2023 11:27	29402 BELT_T1	1	2	1	8.2	4.25	-3.95	0	0	0	0	0	0	0	0
10/26/2023 11:27	15001 BLMO_T1	1	1	0	0.2	0.4	0.2	0	0	0	0	0	0	0	0
10/26/2023 11:27	45502 DERR_T2	1	2	1	1.3	1.2	-0.1	0	0	0	0	0	0	0	0
10/26/2023 11:27	10805 CHHI_T2	1	1	0	7.3	7.4	0.1	-1.21	-1.15	2	2	0	1800	1800	0
10/26/2023 11:28	53903 HALI_T2	2	5	3	1.1	0.58	-0.52	-0.112	-0.16	0	0	0	0	0	0
10/26/2023 11:28	46001 BERW_T1	0	0	0	0	0	0	0.85	0.88	0	0	0	0	0	0
10/26/2023 11:29	54505 ENOL_T2	1	1	0	0.7	0.6	-0.1	0	0	0	0	0	0	0	0
10/26/2023 11:29	46001 BERW_T1	0	0	0	0	0	0	0.85	0.88	0	0	0	0	0	0
10/26/2023 11:30	46504 LOHA_T1	2	2	0	1.15	1.05	-0.1	0	0	0	0	0	0	0	0
10/26/2023 11:30	42902 MIDD_T2	27	40	13	0.28	0.29	0.01	0	0	0	0	0	0	0	0
10/26/2023 11:30	40902 JESH_T1	0	0	0	0	0	0	-0.86	-0.82	2	2	0	1200	1200	0
10/26/2023 11:30	52402 GRPA_T2	15	35	20	0.83	0.54	-0.29	0	0	0	0	0	0	0	0
10/26/2023 11:31	42902 MIDD_T2	27	40	13	0.28	0.29	0.01	-1.08	-1.1	1	1	0	600	600	0
10/26/2023 11:32	65001 NEFF_T2	0	0	0	0	0	0	-0.58	-0.37	1	1	0	1200	1200	0
10/26/2023 11:32	42902 MIDD_T2	27	40	13	0.28	0.29	0.01	-1.08	-1.1	1	1	0	600	600	0
10/26/2023 11:33	44601 SALE_T2	0	0	0	0	0	0	0.43	0.22	1	1	0	600	600	0
10/26/2023 11:33	56503 ROCK_T2	2	1	-1	0.1	0.1	0	0	0	0	0	0	0	0	0
10/26/2023 11:34	42002 MNVL_T2	1	1	0	5.3	5	-0.3	0	0	0	0	0	0	0	0
10/26/2023 11:34	52403 GRPA_T2	2	4	2	0.8	0.5	-0.3	0.08	0.08	0	0	0	0	0	0
10/26/2023 11:34	58401 MORO_T1	1	1	0	0.1	0.2	0.1	0	0	0	0	0	0	0	0
10/26/2023 11:35	14404 SSLA_T1	2	6	4	0.3	0.43	0.13	0	0	0	0	0	0	0	0
10/26/2023 11:35	45402 WBLO_T2	3	3	0	0.67	0.4	-0.27	-0.74	-0.67	0	0	0	0	0	0
10/26/2023 11:35	13901 SEID_T1	0	0	0	0	0	0	0.14	0.15	0	0	0	0	0	0
10/26/2023 11:35	56503 ROCK_T2	2	1	-1	0.1	0.1	0	0	0	0	0	0	0	0	0
10/26/2023 11:36	42802 SELI_T1	0	0	0	0	0	0	-2.2	-2.12	0	0	0	0	0	0
10/26/2023 11:36	25801 SUTR_T2	0	0	0	0	0	0	-0.16	-0.15	0	0	0	0	0	0
10/26/2023 11:37	44601 SALE_T2	0	0	0	0	0	0	0.43	0.22	1	1	0	600	600	0
10/26/2023 11:37	52403 GRPA_T2	2	4	2	0.8	0.5	-0.3	0.08	0.08	0	0	0	0	0	0
10/26/2023 11:37	42701 AUGU_T1	1	1	0	0.2	0.2	0	0	0	2	2	0	1800	1800	0
10/26/2023 11:38	14402 SSLA_T1	2	4	2	0.1	0.5	0.4	0	0	0	0	0	0	0	0
10/26/2023 11:38	42701 AUGU_T1	1	1	0	0.2	0.2	0	0	0	2	2	0	1800	1800	0
10/26/2023 11:41	60101 COCA_T1	0	2	2	0	0.3	0.3	0.62	0.53	0	0	0	0	0	0
10/26/2023 11:42	54505 ENOL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/26/2023 11:43	53903 HALI_T2	3	5	2	0.87	0.66	-0.21	-0.16	-0.08	0	0	0	0	0	0
10/26/2023 11:43	39601 LNFD_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/26/2023 11:45	46903 MNTG_T2	3	4	1	0.33	0.63	0.3	0.15	0.09	1	1	0	600	600	0
10/26/2023 11:46	42903 MIDD_T2	0	2	2	0	0.15	0.15	0	0	0	0	0	0	0	0
10/26/2023 11:46	46501 LOHA_T1	0	1	1	0	0.2	0.2	-0.5	-0.47	1	1	0	1200	1200	0
10/26/2023 11:46	52403 GRPA_T2	4	1	-3	0.68	0.6	-0.08	0	0	0	0	0	0	0	0
10/26/2023 11:47	42903 MIDD_T2	0	2	2	0	0.15	0.15	0	0	0	0	0	0	0	0
10/26/2023 11:47	52402 GRPA_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/26/2023 11:47	58402 MORO_T1	0	1	1	0	0.5	0.5	-2.41	-2.51	4	4	0	3000	3000	0
10/26/2023 11:48	42201 SHEN_T2	0	0	0	0	0	0	0.06	0.03	1	1	0	600	600	0
10/26/2023 11:48	52401 GRPA_T2	2	1	-1	0.55	0.5	-0.05	0	0	0	0	0	0	0	0
10/26/2023 11:49	52402 GRPA_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/26/2023 11:49	42002 MNVL_T2	1	1	0	5.2	4.6	-0.6	0	0	0	0	0	0	0	0
10/26/2023 11:49	42201 SHEN_T2	0	0	0	0	0	0	0.06	0.03	1	1	0	600	600	0
10/26/2023 11:49	15001 BLMO_T1	1	11	10	0.4	0.35	-0.05	0	0	0	0	0	0	0	0
10/26/2023 11:50	46901 MNTG_T2	0	0	0	0	0	0	1.74	1.85	0	0	0	0	0	0
10/26/2023 11:50	58402 MORO_T1	0	1	1	0	0.5	0.5	-1.2	-1.25	2	2	0	1500	1500	0
10/26/2023 11:50	52401 GRPA_T2	2	1	-1	0.55	0.5	-0.05	0	0	0	0	0	0	0	0
10/26/2023 11:50	15103 UPHA_T2	1	2	1	0.1	0.35	0.25	0.4	0.38	0	0	0	0	0	0
10/26/2023 11:52	59102 WALK_T2	0	5	5	0	0.34	0.34	0	0	0	0	0	0	0	0
10/26/2023 11:53	59101 WALK_T2	1	2	1	0	0.4	0.4	1.09	1.03	0	0	0	0	0	0
10/26/2023 11:55	59102 WALK_T2	0	5	5	0	0.34	0.34	0	0	0	0	0	0	0	0
10/26/2023 11:57	54505 ENOL_T2	1	1	0	0.5	0.6	0.1	0	0	0	0	0	0	0	0
10/26/2023 11:57	56603 HAMP_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/26/2023 11:57	60101 COCA_T1	2	2	0	0.2	0.55	0.35	0.53	0.78	0	0	0	0	0	0
10/26/2023 11:57	46203 DANV_T2	11	11	0	0.59	0.59	0	-0.12	0.01	0	0	0	0	0	0
10/26/2023 11:59	46203 DANV_T2	11	11	0	0.59	0.59	0	-0.12	0.01	0	0	0	0	0	0
10/26/2023 12:00	56603 HAMP_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/26/2023 12:00	42002 MNVL_T2	1	1	0	5	4.6	-0.4	0	0	0	0	0	0	0	0
10/26/2023 12:01	46501 LOHA_T1	1	1	0	0.2	0.2	0	-0.47	-0.46	1	1	0	1200	1200	0
10/26/2023 12:02	58401 MORO_T1	0	1	1	0	0.5	0.5	-0.8	-0.83	1	1	0	600	600	0
10/26/2023 12:02	52401 GRPA_T2	1	1	0	0.5	0.4	-0.1	-0.53	-0.53	0	0	0	0	0	0
10/26/2023 12:02	42903 MIDD_T2	0	2	2	0	0.15	0.15	0	0	0	0	0	0	0	0
10/26/2023 12:03	42902 MIDD_T2	17	6	-11	0.24	0.65	0.41	-1.13	-1.14	1	1	0	600	600	0
10/26/2023 12:04	14404 SSLA_T1	6	5	-1	0.43	0.4	-0.03	0	0	0	0	0	0	0	0
10/26/2023 12:04	58401 MORO_T1	0	1	1	0	0.5	0.5	0	0	0	0	0	0	0	0
10/26/2023 12:04	56503 ROCK_T2	0	2	2	0	0.15	0.15	0	0	0	0	0	0	0	0
10/26/2023 12:04	52403 GRPA_T2	1	2	1	0.5	0.35	-0.15	0.08	0.04	0	0	0	0	0	0
10/26/2023 12:05	52402 GRPA_T2	16	36	20	0.83	0.48	-0.35	0	0	0	0	0	0	0	0
10/26/2023 12:06	58402 MORO_T1	0	1	1	0	0.5	0.5	-1.25	-1.28	2	2	0	1500	1500	0
10/26/2023 12:07	14402 SSLA_T1	4	4	0	0.5	0.4	-0.1	0	0	0	0	0	0	0	0
10/26/2023 12:07	56503 ROCK_T2	0	2	2	0	0.15	0.15	0	0	0	0	0	0	0	0
10/26/2023 12:07	25801 SUTR_T2	0	0	0	0	0	0	-0.13	-0.15	0	0	0	0	0	0
10/26/2023 12:08	14801 TREI_T2	32	5	-27	0.17	0.46	0.29	0.21	0.22	0	0	0	0	0	0
10/26/2023 12:08	56802 BENV_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/26/2023 12:09	42701 AUGU_T1	0	1	1	0	0.3	0.3	0	0	2	2	0	1800	1800	0
10/26/2023 12:12	60101 COCA_T1	2	2	0	0.3	0.7	0.4	0.39	0.32	0	0	0	0	0	0
10/26/2023 12:12	40902 JESH_T1	0	0	0	0	0	0	-0.82	-0.9	2	2	0	1200	1200	0
10/26/2023 12:13	45001 LIME_2	3	35	32	0.7	0.37	-0.33	0	0	0	0	0	0	0	0
10/26/2023 12:13	60101 COCA_T1	2	2	0	0.3	0.7	0.4	0.39	0.32	0	0	0	0	0	0
10/26/2023 12:13	46203 DANV_T2	11	9	-2	0.59	0.39	-0.2	0	0	0	0	0	0	0	0
10/26/2023 12:16	46903 MNTG_T2	0	0	0	0	0	0	1.79	1.77	0	0	0	0	0	0
10/26/2023 12:16	46901 MNTG_T2	0	0	0	0	0	0	1.79	1.77	0	0	0	0	0	0
10/26/2023 12:18	45003 LIME_2	1	1	0	4.5	4.2	-0.3	0	0	1	1	0	1200	1200	0
10/26/2023 12:29	61304 EARL_T1	1	1	0	0.1	0.1	0	0	0	0	0	0	0	0	0
10/26/2023 12:31	42002 MNVL_T2	1	1	0	4.9	5.6	0.7	0	0	0	0	0	0	0	0
10/26/2023 12:33	46504 LOHA_T1	36	2	-34	0.22	0.8	0.58	0	0	0	0	0	0	0	0
10/26/2023 12:34	42902 MIDD_T2	4	1	-3	0.65	0.6	-0.05	-1.14	-1.06	1	1	0	600	600	0
10/26/2023 12:35	42902 MIDD_T2	4	1	-3	0.65	0.6	-0.05	-1.14	-1.06	1	1	0	600	600	0
10/26/2023 12:36	42802 SELI_T1	0	1	1	0	0.5	0.5	-2.06	-3.79	0	2	2	0	1800	1800
10/26/2023 12:42	54505 ENOL_T2	1	1	0	0.6	0.5	-0.1	0	0	0	0	0	0	0	0
10/26/2023 12:44	54501 ENOL_T2	0	0	0	0	0	0	-0.58	-0.58	1	1	0	600	600	0
10/26/2023 12:45	56603 HAMP_T1	0	1	1	0	0	0	0	0	0	0	0	0	0	0
10/26/2023 12:47	54505 ENOL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/26/2023 12:48	52403 GRPA_T2	0	1	1	0	0.1	0.1	0.09	0.04	0	0	0	0	0	0
10/26/2023 12:49	52403 GRPA_T2	0	1	1	0	0.1	0.1	0	0	0	0	0	0	0	0
10/26/2023 12:51	52403 GRPA_T2	0	1	1	0	0.1	0.1	0.09	0.04	0	0	0	0	0	0
10/26/2023 12:56	46004 BERW_T2	0	1	1	0	0	0	0	0	0	0	0	0	0	0
10/26/2023 13:00	45001 LIME_2	1	1	0	1	1	0	0	0	0	0	0	0	0	0
10/26/2023 13:01	45001 LIME_2	1	1	0	1	1	0	0	0	0	0	0	0	0	0
10/26/2023 13:01	58402 MORO_T1	0	1	1	0	0.5	0.5	-2.37	-2.27	4	4	0	3000	3000	0
10/26/2023 13:03	42001 MNVL_T2	7	5	-2	0.4	0.3	-0.1	-0.01	-0.02	0	0	0	0	0	0
10/26/2023 13:03	58402 MORO_T1	0	1	1	0	0.5	0.5	-1.18	-1.14	2	2	0	1500	1500	0
10/26/2023 13:05	67401 WAKE_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/26/2023 13:09	14802 TREI_T2	1	1	0	0.3	0.2	-0.1	0.33	0.34	0	0	0	0	0	0
10/26/2023 13:10	46203 DANV_T2	12	12	0	0.49	0.53	0.04	-0.07	-0.1	0	0	0	0	0	0
10/26/2023 13:10	56802 BENV_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/26/2023 13:11	46203 DANV_T2	12	12	0	0.49	0.53	0.04	0	0	0	0	0	0	0	0
10/26/2023 13:11	56802 BENV_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/26/2023 13:12	56802 BENV_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/26/2023 13:12	46203 DANV_T2	12	12	0	0.49	0.53	0.04	-0.1	-0.09	0	0	0	0	0	0
10/26/2023 13:13	54504 ENOL_T2	0	1	1	0	0.5	0.5	0	0	0	0	0	0	0	0
10/26/2023 13:15	41502 FAIR_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/26/2023 13:16	53903 HALI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/26/2023 13:16	54501 ENOL_T2	3	2	-1	0.2	0.1	-0.1	0	0	0	0	0	0	0	0
10/26/2023 13:16	26401 INOR_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/26/2023 13:17	54505 ENOL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/26/2023 13:17	54206 PENN_T2	1	0	-1	0.2	0	-0.2	0.23	0.2	0	0	0	0	0	0
10/26/2023 13:21	54203 PENN_T1	18	18	0	0.68	0.53	-0.15	0	0	0	0	0	0	0	0
10/26/2023 13:22	46203 DANV_T2	10	10	0	0.42	0.52	0.1	0	0	0	0	0	0	0	0
10/26/2023 13:26	46004 BERW_T2	1	1	0	0.6	0.4	-0.2	0	0	0	0	0	0	0	0
10/26/2023 13:27	54505 ENOL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/26/2023 13:27	46203 DANV_T2	10	10	0	0.42	0.52	0.1	0	0	0	0	0	0	0	0
10/26/2023 13:28	46203 DANV_T2	10	10	0	0.42	0.52	0.1	0	0	0	0	0	0	0	0
10/26/2023 13:31	26401 INOR_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/26/2023 13:31	54701 NEBL_T1	0	0	0	0	0	0	0	0	1	1	0	600	600	0
10/26/2023 13:31	42902 MIDD_T2	1	1	0	0.5	0.6	0.1	0	0	0	0	0	0	0	0
10/26/2023 13:32	53903 HALI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/26/2023 13:32	23301 JEFF_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/26/2023 13:33	52402 GRPA_T2	9	6	-3	0.7	0.97	0.27	0	0	0	0	0	0	0	0
10/26/2023 13:34	42902 MIDD_T2	1	1	0	0.5	0.6	0.1	0	0	0	0	0	0	0	0
10/26/2023 13:36	67401 WAKE_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/26/2023 13:38	15001 BLMO_T1	4	5	1	0.48	0.4	-0.08	0	0	0	0	0	0	0	0
10/26/2023 13:39	15001 BLMO_T1	4	5	1	0.48	0.4	-0.08	0	0	0	0	0	0	0	0
10/26/2023 13:40	15001 BLMO_T1	4	5	1	0.48	0.4	-0.08	0	0	0	0	0	0	0	0
10/26/2023 13:40	46203 DANV_T2	9	9	0	0.53	0.48	-0.05	0	0	0	0	0	0	0	0
10/26/2023 13:41	46004 BERW_T2	1	1	0	0.9	0	-0.9	0	0	0	0	0	0	0	0
10/26/2023 13:41	15001 BLMO_T1	4	5	1	0.48	0.4	-0.08	0	0	0	0	0	0	0	0
10/26/2023 13:42	54504 ENOL_T2	0	1	1	0	0.1	0.1	-2.11	-2.01	1	1	0	600	600	0
10/26/2023 13:42	54501 ENOL_T2	2	3	1	0.1	0.17	0.07	-0.57	-0.57	1	1	0	600	600	0
10/26/2023 13:42	61303 EARL_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/26/2023 13:42	54502 ENOL_T2	1	1	0	0.1	0.3	0.2	0	0	0	0	0	0	0	0
10/26/2023 13:42	54503 ENOL_T2	0	0	0	0	0	0	-0.39	-0.35	1	1	0	600	600	0
10/26/2023 13:42	56603 HAMP_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/26/2023 13:42	46203 DANV_T2	9	9	0	0.53	0.48	-0.05	0	0	0	0	0	0	0	0
10/26/2023 13:42	56802 BENV_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/26/2023 13:42	45501 DERR_T2	1	2	1	1.1	0.6	-0.5	0	0	0	0	0	0	0	0
10/26/2023 13:43	54505 ENOL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/26/2023 13:43	56802 BENV_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/26/2023 13:43	56603 HAMP_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/26/2023 13:44	54504 ENOL_T2	0	1	1	0	0.1	0.1	0	0	0	0	0	0	0	0
10/26/2023 13:44	54503 ENOL_T2	0	0	0	0	0	0	-1.16	-1.06	3	3	0	1800	1800	0
10/26/2023 13:44	54505 ENOL_T2	1	1	0	0.9	1	0.1	-2.78	-2.74	2	2	0	1200	1200	0
10/26/2023 13:44	54505 ENOL_T2	1	1	0	0.9	1	0.1	-2.78	-2.74	2	2	0	1200	1200	0
10/26/2023 13:45	54502 ENOL_T2	1	1	0	0.2	0.3	0.1	0	0	0	0	0	0	0	0
10/26/2023 13:45	56603 HAMP_T1	1	0	-1	1.3	0	-1.3	0	0	0	0	0	0	0	0
10/26/2023 13:46	54504 ENOL_T2	1	1	0	0.1	0	-0.1	0	0	0	0	0	0	0	0
10/26/2023 13:47	54504 ENOL_T2	1	1	0	0.1	0	-0.1	0	0	0	0	0	0	0	0
10/26/2023 13:47	58401 MORO_T1	1	3	2	0.1	0.3	0.2	-1.29	-1.22	2	2	0	1200	1200	0
10/26/2023 13:47	26401 INOR_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/26/2023 13:48	58401 MORO_T1	1	3	2	0.1	0.3	0.2	-0.65	-0.61	1	1	0	600	600	0
10/26/2023 13:48	53903 HALI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/26/2023 13:48	23301 JEFF_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/26/2023 13:48	58401 MORO_T1	1	3	2	0.1	0.3	0.2	-0.65	-0.61	1	1	0	600	600	0
10/26/2023 13:49	58401 MORO_T1	1	3	2	0.1	0.3	0.2	-0.65	-0.61	1	1	0	600	600	0
10/26/2023 13:50	58401 MORO_T1	1	3	2	0.1	0.3	0.2	-1.29	-1.22	2	2	0	1200	1200	0
10/26/2023 13:51	58401 MORO_T1	1	3	2	0.1	0.3	0.2	0	0	0	0	0	0	0	0
10/26/2023 13:56	46001 BERW_T1	0	0	0	0	0	0	2.56	2.56	0	0	0	0	0	0
10/26/2023 13:57	54501 ENOL_T2	2	4	2	0.1	0.15	0.05	0	0	0	0	0	0	0	0
10/26/2023 13:58	40902 JESH_T1	0	0	0	0	0	0	-0.91	-0.83	2	2	0	1200	1200	0
10/26/2023 13:59	54504 ENOL_T2	1	1	0	0.1	0	-0.1	0	0	0	0	0	0	0	0
10/26/2023 13:59	54502 ENOL_T2	1	1	0	0.2	0.3	0.1	0	0	0	0	0	0	0	0
10/26/2023 13:59	46001 BERW_T1	0	0	0	0	0	0	1.28	1.28	0	0	0	0	0	0
10/26/2023 14:00	54505 ENOL_T2	1	1	0	1	1.1	0.1	-1.37	-

10/26/2023 14:25	15001 BLMO_T1	3	2	-1	0.33	0.45	0.12	0	0	0	0	0	0	0	0
10/26/2023 14:26	46203 DANV_T2	10	7	-3	0.67	0.29	-0.38	-0.05	-0.05	0	0	0	0	0	0
10/26/2023 14:26	46001 BERW_T1	0	0	0	0	0	0	1.11	1	0	0	0	0	0	0
10/26/2023 14:26	54504 ENOL_T2	1	0	-1	4.7	0	-4.7	0	0	0	0	0	0	0	0
10/26/2023 14:26	15001 BLMO_T1	3	2	-1	0.33	0.45	0.12	0	0	0	0	0	0	0	0
10/26/2023 14:26	62604 ENGL_T1	0	0	0	0	0	0	-1.28	-1.27	1	1	0	600	600	0
10/26/2023 14:27	15001 BLMO_T1	3	2	-1	0.33	0.45	0.12	0	0	0	0	0	0	0	0
10/26/2023 14:27	46001 BERW_T1	0	0	0	0	0	0	1.11	1	0	0	0	0	0	0
10/26/2023 14:28	53903 HALI_T2	2	2	0	0.9	1.2	0.3	-0.08	-0.08	0	0	0	0	0	0
10/26/2023 14:28	41502 FAIR_T2	0	1	-1	0	0.2	0.2	-1.67	-1.69	1	1	0	900	900	0
10/26/2023 14:28	15001 BLMO_T1	3	2	-1	0.33	0.45	0.12	0	0	0	0	0	0	0	0
10/26/2023 14:29	40901 JESH_T1	1	0	-1	0.1	0	-0.1	0	0	0	0	0	0	0	0
10/26/2023 14:29	54504 ENOL_T2	1	0	-1	4.7	0	-4.7	0	0	0	0	0	0	0	0
10/26/2023 14:29	46203 DANV_T2	10	7	-3	0.67	0.29	-0.38	-0.05	-0.05	0	0	0	0	0	0
10/26/2023 14:30	42902 MIDD_T2	1	1	0	0.5	0.4	-0.1	-1.13	-1.09	1	1	0	600	600	0
10/26/2023 14:30	56603 HAMP_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/26/2023 14:30	54505 ENOL_T2	1	1	0	1.1	1.3	0.2	-1.36	-1.37	1	1	0	600	600	0
10/26/2023 14:31	56603 HAMP_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/26/2023 14:31	54505 ENOL_T2	1	1	0	1.1	1.3	0.2	0	0	0	0	0	0	0	0
10/26/2023 14:32	64202 KINZ_T1	3	3	0	0.53	0.6	0.07	0	0	0	0	0	0	0	0
10/26/2023 14:33	58401 MORO_T1	4	0	-4	0.3	0	-0.3	0	0	0	0	0	0	0	0
10/26/2023 14:34	13105 NHAM_T2	0	0	0	0	0	0	-0.24	-0.22	1	1	0	1200	1200	0
10/26/2023 14:34	64902 MILL_T2	0	0	0	0	0	0	-0.6	-0.59	1	1	0	900	900	0
10/26/2023 14:34	52402 GRPA_T2	3	7	4	1.63	0.91	-0.72	0	0	0	0	0	0	0	0
10/26/2023 14:34	42902 MIDD_T2	1	1	0	0.5	0.4	-0.1	-1.13	-1.09	1	1	0	600	600	0
10/26/2023 14:34	15203 SFAR_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/26/2023 14:35	14801 TREI_T2	1	4	3	0.2	0.38	0.18	0	0	0	0	0	0	0	0
10/26/2023 14:36	54202 PENN_T2	0	0	0	0	0	0	0.78	0.75	0	0	0	0	0	0
10/26/2023 14:36	59101 WALK_T2	1	1	0	0	0	0	0.94	0.79	0	0	0	0	0	0
10/26/2023 14:36	67605 WARW_T1	10	5	-5	0.28	0.2	-0.08	-1.03	-1.03	0	0	0	0	0	0
10/26/2023 14:36	52403 GRPA_T2	0	0	0	0	0	0	0.04	0.01	0	0	0	0	0	0
10/26/2023 14:36	14801 TREI_T2	1	4	3	0.2	0.38	0.18	0	0	0	0	0	0	0	0
10/26/2023 14:36	42201 SHEN_T2	1	2	1	0.5	0.55	0.05	0.14	0.21	1	1	0	600	600	0
10/26/2023 14:37	67401 WAKE_T2	87	97	10	0.24	0.24	0	-1.05	-1.04	0	0	0	0	0	0
10/26/2023 14:37	54505 ENOL_T2	1	1	0	1.1	1.3	0.2	0	0	0	0	0	0	0	0
10/26/2023 14:37	56503 ROCK_T2	0	3	3	0	0.13	0.13	0	0	0	0	0	0	0	0
10/26/2023 14:37	14401 SSLA_T1	2	2	0	0.6	0.85	0.25	0	0	0	0	0	0	0	0
10/26/2023 14:37	56802 BENV_T2	10	8	-2	0.25	0.31	0.06	-0.71	-0.68	0	0	0	0	0	0
10/26/2023 14:38	52403 GRPA_T2	0	0	0	0	0	0	0.04	0.01	0	0	0	0	0	0
10/26/2023 14:38	14404 SSLA_T1	1	2	1	0.3	0.35	0.05	0	0	0	0	0	0	0	0
10/26/2023 14:38	13901 SEID_T1	0	0	0	0	0	0	0.23	0.23	0	0	0	0	0	0
10/26/2023 14:38	67203 TEHI_T1	0	0	0	0	0	0	2.12	1.92	2	2	0	1500	1500	0
10/26/2023 14:38	15001 BLMO_T1	4	2	-2	0.25	0.35	0.1	0	0	0	0	0	0	0	0
10/26/2023 14:39	45502 DERR_T2	1	1	0	0.9	1.6	0.7	0	0	0	0	0	0	0	0
10/26/2023 14:39	15001 BLMO_T1	2	4	2	0.25	0.35	0.1	0	0	0	0	0	0	0	0
10/26/2023 14:39	56802 BENV_T2	10	8	-2	0.25	0.31	0.06	-2.13	-2.04	0	0	0	0	0	0
10/26/2023 14:39	14801 TREI_T2	1	4	3	0.2	0.38	0.18	0	0	0	0	0	0	0	0
10/26/2023 14:40	56802 BENV_T2	10	8	-2	0.25	0.31	0.06	-0.71	-0.68	0	0	0	0	0	0
10/26/2023 14:40	46203 DANV_T2	7	6	-1	0.29	0.33	0.04	-0.05	-0.05	0	0	0	0	0	0
10/26/2023 14:40	61303 EARL_T1	0	0	0	0	0	0	0.77	0.44	0	0	0	0	0	0
10/26/2023 14:40	45502 DERR_T2	1	1	0	0.9	1.6	0.7	0.17	0.2	1	1	0	300	300	0
10/26/2023 14:40	62604 ENGL_T1	0	0	0	0	0	0	-2.56	-2.54	2	2	0	1200	1200	0
10/26/2023 14:40	49804 UNIV_T1	1	2	1	0.4	0.55	0.15	0	0	0	0	0	0	0	0
10/26/2023 14:40	59101 WALK_T2	1	1	0	0	0	0	0.94	0.79	0	0	0	0	0	0
10/26/2023 14:41	54505 ENOL_T2	1	1	0	1.1	1.3	0.2	0	0	0	0	0	0	0	0
10/26/2023 14:41	62604 ENGL_T1	0	0	0	0	0	0	-1.27	-1.2	1	1	0	600	600	0
10/26/2023 14:41	67402 WAKE_T2	0	0	0	0	0	0	0.35	0.32	0	0	0	0	0	0
10/26/2023 14:41	61303 EARL_T1	0	0	0	0	0	0	0.44	0.53	0	0	0	0	0	0
10/26/2023 14:41	45502 DERR_T2	1	1	0	0.9	1.6	0.7	0	0	0	0	0	0	0	0
10/26/2023 14:41	15001 BLMO_T1	4	2	-2	0.25	0.35	0.1	0	0	0	0	0	0	0	0
10/26/2023 14:41	61801 EEU_T2	4	6	2	0.68	0.65	-0.03	-0.54	-0.49	1	1	0	600	600	0
10/26/2023 14:41	56802 BENV_T2	10	8	-2	0.25	0.31	0.06	-0.68	-0.71	0	0	0	0	0	0
10/26/2023 14:42	41501 FAIR_T2	0	0	0	0	0	0	-1.39	-1.43	1	1	0	600	600	0
10/26/2023 14:42	62604 ENGL_T1	0	0	0	0	0	0	-1.27	-1.2	1	1	0	600	600	0
10/26/2023 14:42	54505 ENOL_T2	1	1	0	1.1	1.3	0.2	0	0	0	0	0	0	0	0
10/26/2023 14:42	54503 ENOL_T2	0	0	0	0	0	0	-0.34	-0.29	1	1	0	600	600	0
10/26/2023 14:42	46203 DANV_T2	7	6	-1	0.29	0.33	0.04	-0.05	-0.03	0	0	0	0	0	0
10/26/2023 14:42	46001 BERW_T1	0	0	0	0	0	0	1	0.95	0	0	0	0	0	0
10/26/2023 14:42	15001 BLMO_T1	2	4	2	0.25	0.35	0.1	0	0	0	0	0	0	0	0
10/26/2023 14:42	56802 BENV_T2	10	8	-2	0.25	0.31	0.06	-1.36	-1.42	0	0	0	0	0	0
10/26/2023 14:42	45501 DERR_T2	1	2	1	1	0.7	-0.3	1.06	1.08	2	2	0	1800	1800	0
10/26/2023 14:43	46001 BERW_T1	0	0	0	0	0	0	1	0.95	0	0	0	0	0	0
10/26/2023 14:43	45502 DERR_T2	1	1	0	0.9	1.6	0.7	0	0	0	0	0	0	0	0
10/26/2023 14:43	53903 HALI_T2	2	2	0	0.9	1.2	0.3	-0.08	-0.07	0	0	0	0	0	0
10/26/2023 14:44	54502 ENOL_T2	1	1	0	0.7	0.7	0	0	0	0	0	0	0	0	0
10/26/2023 14:44	45501 DERR_T2	1	2	1	1	0.7	-0.3	1.06	1.08	2	2	0	1800	1800	0
10/26/2023 14:44	56802 BENV_T2	10	8	-2	0.25	0.31	0.06	-0.68	-0.71	0	0	0	0	0	0
10/26/2023 14:44	41502 FAIR_T2	0	1	1	0	0.2	0.2	-1.69	-1.69	1	1	0	900	900	0
10/26/2023 14:45	56603 HAMP_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/26/2023 14:45	61803 EEU_T2	1	1	0	0.4	0.1	-0.3	0	0	0	0	0	0	0	0
10/26/2023 14:46	65004 NEFF_T2	1	1	0	0.2	0.2	0	0	0	0	0	0	0	0	0
10/26/2023 14:46	56603 HAMP_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/26/2023 14:47	64202 KINZ_T1	3	3	0	0.57	0.57	0	0	0	0	0	0	0	0	0
10/26/2023 14:48	42001 MNVL_T2	1	2	1	0.1	0.2	0.1	0.05	0	0	0	0	0	0	0
10/26/2023 14:48	58402 MORO_T1	0	0	0	0	0	0	-0.98	-1.02	2	2	0	1500	1500	0
10/26/2023 14:48	46903 MNTG_T2	96	4	-92	0.19	0.6	0.41	0	0	0	0	0	0	0	0
10/26/2023 14:50	13105 NHAM_T2	0	0	0	0	0	0	-0.22	-0.2	1	1	0	1200	1200	0
10/26/2023 14:51	65003 NEFF_T2	6	3	-3	0.28	0.3	0.02	0	0	0	0	0	0	0	0
10/26/2023 14:52	29402 BELT_T1	1	1	0	8.2	8	-0.2	0	0	0	0	0	0	0	0
10/26/2023 14:52	24901 WHHA_T1	7	31	24	0.33	0.26	-0.07	0	0	0	0	0	0	0	0
10/26/2023 14:55	24901 WHHA_T1	7	31	24	0.33	0.26	-0.07	1.31	1.26	0	0	0	0	0	0
10/26/2023 14:55	28602 BLYT_T2	2	2	0	0.35	0.35	0	0	0	0	0	0	0	0	0
10/26/2023 14:55	27502 WEIS_T2	0	0	0	0	0	0	-0.46	-0.48	0	0	0	0	0	0
10/26/2023 14:56	65004 NEFF_T2	1	1	0	0.2	0.2	0	0	0	0	0	0	0	0	0
10/26/2023 14:56	58402 MORO_T1	0	0	0	0	0	0	-1.02	-1.13	2	2	0	1500	1500	0
10/26/2023 14:57	15001 BLMO_T1	2	4	2	0.45	0.35	-0.1	0	0	0	0	0	0	0	0
10/26/2023 14:57	41502 FAIR_T2	1	0	-1	0.2	0	-0.2	-1.69	-1.7	1	1	0	900	900	0
10/26/2023 14:59	58402 MORO_T1	0	0	0	0	0	0	-1.02	-1.13	2	2	0	1500	1500	0
10/26/2023 15:00	57304 MOAL_T2	69	64	-5	0.87	0.71	-0.16	-0.52	-0.56	0	0	0	0	0	0
10/26/2023 15:01	40902 JESH_T1	0	0	0	0	0	0	-0.98	-1.03	2	2	0	1200	1200	0
10/26/2023 15:04	46903 MNTG_T2	4	3	-1	0.6	0.17	-0.43	0.17	0.16	1	1	0	600	600	0
10/26/2023 15:05	13302 ORVI_T2	7	17	10	0.21	0.25	0.04	1.19	1.21	0	0	0	0	0	0
10/26/2023 15:08	42201 SHEN_T2	2	2	0	0.45	0.65	0.2	0.1	0.13	1	1	0	600	600	0
10/26/2023 15:08	54505 ENOL_T2	1	1	0	1.2	1.1	-0.1	0	0	0	0	0	0	0	0
10/26/2023 15:08	10602 BLGL_T2	0	2	2	0	0.15	0.15	1.22	0.66	0	0	0	0	0	0
10/26/2023 15:13	41502 FAIR_T2	0	0	0	0	0	0	-1.7	-0.68	1	0	-1	900	0	-900
10/26/2023 15:14	41501 FAIR_T2	0	0	0	0	0	0	-1.46	-1.6	1	1	0	600	600	0
10/26/2023 15:16	12701 MACU_T1	0	0	0	0	0	0	0.07	0.06	0	0	0	0	0	0
10/26/2023 15:16	42902 MIDD_T2	1	1	0	0.2	0.2	0	-1.12	-1.17	1	1	0	600	600	0
10/26/2023 15:17	12701 MACU_T1	0	0	0	0	0	0	0.14	0.12	0	0	0	0	0	0
10/26/2023 15:17	42902 MIDD_T2	1	1	0	0.2	0.2	0	-1.12	-1.17	1	1	0	600	600	0
10/26/2023 15:18	12701 MACU_T1	0	0	0	0	0	0	0.07	0.06	0	0	0	0	0	0
10/26/2023 15:19	55002 NEWP_T1	7	6	-1	0.69	0.7	0.01	-0.21	-0.23	0	0	0	0	0	0
10/26/2023 15:20	46903 MNTG_T2	3	1	-2	0.17	0.2	0.03	0.16	0.09	1	1	0	600	600	0
10/26/2023 15:21	27502 WEIS_T2	0	0	0	0	0	0	-0.37	-0.42	0	0	0	0	0	0
10/26/2023 15:21	46702 RENO_T1	0	0	0	0	0	0	-0.12	-0.14	0	0	0	0	0	0
10/26/2023 15:23	52402 GRPA_T2	4	5	1	1.25	0.98	-0.27	0	0	0	0	0	0	0	0
10/26/2023 15:25	58402 MORO_T1	0	0	0	0	0	0	-1.13	-1.06	2	2	0	1500	1500	0
10/26/2023 15:34	55002 NEWP_T1	6	6	0	0.68	0.62	-0.06	-0.23	-0.24	0	0	0	0	0	0
10/26/2023 15:35	52401 GRPA_T2	1	1	0	0.1	0.1	0	0	0	0	0	0	0	0	0
10/26/2023 15:40	52402 GRPA_T2	5	5	0	0.96	0.84	-0.12	0	0	0	0	0	0	0	0
10/26/2023 15:40	66702 STRA_T1	0	1	1	0	0	0	0	0	0	0	0	0	0	0
10/26/2023 15:42	45501 DERR_T2	2	2	0	0.55	0.5	-0.05	0	0	0	0	0	0	0	0
10/26/2023 15:48	59301 MCAL_T1	3	18	15	1.1	0.33	-0.77	-1.41	-1.46	1	1	0	600	600	0
10/26/2023 15:52	59301 MCAL_T1	3	18	15	1.1	0.33	-0.77	-1.41	-1.46	1	1	0	600	600	0
10/26/2023 15:54	58402 MORO_T1	0	0	0	0	0	0	-1.05	-0.95	2	2	0	1500	1500	0
10/26/2023 15:56	43402 BENT_T1	0	0	0	0	0	0	-1.25	-1.27	2	2	0	1500	1500	0
10/26/2023 16:04	55002 NEWP_T1	6	6	0	0.62	0.67	0.05	-0.25	-0.25	0	0	0	0	0	0
10/26/2023 16:11	54501 ENOL_T2	1	1	0	0.1	0.1	0	0	0	0	0	0	0	0	0
10/26/2023 16:16	54502 ENOL_T2	1	1	0	0.5	0.2	-0.3	-1.32	-1.35	0	0	0	0	0	0
10/26/2023 16:17	54502 ENOL_T2	1	1	0	0.5	0.2	-0.3	-1.32	-1.35	0	0	0	0	0	0
10/26/2023 16:26	52403 GRPA_T2	1	2	1	0.7	0.6	-0.1	0.09	0.06	0	0	0	0	0	0
10/26/2023 16:34	55002 NEWP_T1	5	4	-1	0.56	1.03	0.47	-0.22	-0.21	0	0	0	0	0	0
10/26/2023 16:35	58401 MORO_T1	0	0	0	0	0	0	-0.69	-0.67	1	1	0	600	600	0
10/26/2023 16:36	43301 WATS_T2	1	1	0	1.1	0.2	-0.9	0	0	0	0	0	0	0	0
10/26/2023 16:37	43302 WATS_T2	4	4	0	0.15	0.38	0.23	0	0	0	0	0	0	0	0
10/26/2023 16:40	45501 DERR_T2	1	2	1	0.1	0.35	0.25	0.68	0.67	2	2	0	1800	1800	0
10/26/2023 16:44	45501 DERR_T2	1	2	1	0.1	0.35	0.25	0.67	0.64	2	2	0	1800	1800	0
10/26/2023 16:49	55002 NEWP_T1	4	4	0	1	1.1	0.1	-0.21	-0.23	0	0	0	0	0	0
10/26/2023 17:24	43402 BENT_T1	0	0	0	0	0	0	-0.88	-0.97	2	1	-1	1500	900	-600
10/26/2023 17:26	43402 BENT_T1	0	0	0	0	0	0	-0.97	-0.97	2	1	-1	1500	900	-600
10/26/2023 17:27	46801 HEPB_T2	2	2	0	0.35	0.2	-0.15	0.59	0.61	0	0	0	0	0	0
10/26/2023 17:29	43402 BENT_T1	0	0	0	0	0	0	-0.97	-0.97	2	1	-1	1500	900	-600
10/26/2023 17:42	59101 WALK_T2	1	1	0	0	0	0	0.74	1.3	0	0	0	0	0	0
10/26/2023 18:24	43402 BENT_T1	0	0	0	0	0	0	-0.96	-0.96	1	1	0	900	900	0
10/26/2023 18:29	43402 BENT_T1	0	0	0	0	0	0	-0.96	-0.95	1	1	0	900	900	0
10/26/2023 19:05	49804 UNIV_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/26/2023 19:07	41502 FAIR_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/26/2023 19:07	13302 ORVI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/26/2023 19:07	26401 INOR_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/26/2023 19:07	46301 ROHR_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/26/2023 19:07	60201 ATGL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/26/2023 19:07	45501 DERR_T2	1	1	0	0.7	0.7	0	0	0	0	0	0	0	0	0
10/26/2023 19:07	43304 WATS_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/26/2023 19:08	23301 JEFF_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/26/2023 19:08	46203 DANV_T2	29	33	4	0.16	0.16	0	0	0	0	0	0	0	0	0
10/26/2023 19:11	40602 PIGR_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/26/2023 19:11	52004 LING_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/26/2023 19:12	55002 NEWP_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/26/2023 19:13	45802 HEGI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/26/2023 19:13	45402 WILO_T2	30	30	0	0.18	0.16	-0.02	0	0	0	0	0	0	0	0
10/26/2023 19:13	46004 BERW_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/26/2023 19:13	15203 SFAR_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/26/2023 19:13	55002 NEWP_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/26/2023 19:13	42601 TUSC_T1	0	1	1	0	0	0	-0.2	-0.27	2	2	0	1800	1800	0
10/26/2023 19:14	49804 UNIV_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/26/2023 19:15	42902 MIDD_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/26/2023 19:16	40602 PIGR_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/26/2023 19:17	42903 MIDD_T2	2	2	0	0.45	0.4	-0.05	0	0	0	0	0	0	0	0
10/26/2023 19:17	56504 ROCK_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/26/2023 19:17	56802 BENV_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/26/2023 19:17	57403 SPAN_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/26/2023 19:18	61303 EARL_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/26/2023 19:18	67401 WAKE_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/26/2023 19:18	54701 NEBL_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/26/2023 19:19	53501 EVIL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/26/2023 19:19	54505 ENOL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/26/2023 19:19	56802 BENV_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/26/2023 19:20	42903 MIDD_T2	2	2	0	0.45	0.4	-0.05	0

Appendix C - Grid Benefits Achieved in Each Instance of Active Management

10/26/2023 20:07	49803 UNIV_T1	0	0	0	0	0	0	-1.11	-1.15	0	0	0	0	0	0
10/26/2023 20:07	24902 WHHA_T1	0	0	0	0	0	0	0.44	0.43	0	0	0	0	0	0
10/26/2023 20:08	43304 WATS_T2	0	0	0	0	0	0	-0.48	-0.48	0	0	0	0	0	0
10/26/2023 20:08	40101 HUNT_T2	0	0	0	0	0	0	-0.56	-0.56	0	0	0	0	0	0
10/26/2023 20:08	54501 ENOL_T2	4	4	0	0.23	0.15	-0.08	0.12	0.09	0	0	0	0	0	0
10/26/2023 20:08	20403 ASHF_T2	0	0	0	0	0	0	0.16	0.1	0	0	0	0	0	0
10/26/2023 20:08	60501 NMAN_T2	3	3	0	4.63	4.67	0.04	0	0	0	0	0	0	0	0
10/26/2023 20:08	46206 DANV_T2	0	1	1	0	0	0	0	0	0	0	0	0	0	0
10/26/2023 20:08	29402 BELT_T1	1	1	0	8	7.9	-0.1	0	0	0	0	0	0	0	0
10/26/2023 20:08	42002 MNVL_T2	1	1	0	3.3	3.2	-0.1	0	0	0	0	0	0	0	0
10/26/2023 20:08	43202 MVIL_T2	0	0	0	0	0	0	-0.75	-0.75	0	0	0	0	0	0
10/26/2023 20:08	67502 WEWI_T2	12	101	89	0.12	0.17	0.05	-0.43	-0.47	0	0	0	0	0	0
10/26/2023 20:09	13704 SCHN_T2	0	2	2	0	0.1	0.1	-0.37	-0.39	0	0	0	0	0	0
10/26/2023 20:09	46903 MNTG_T2	22	23	1	0.11	0.12	0.01	0	0	0	0	0	0	0	0
10/26/2023 20:09	43402 BENT_T1	0	0	0	0	0	0	-0.96	-0.96	1	1	0	900	900	0
10/26/2023 20:09	15001 BLMO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/26/2023 20:09	46001 BERW_T1	0	0	0	0	0	0	0.88	0.81	0	0	0	0	0	0
10/26/2023 20:09	44601 SALE_T2	1	1	0	0.5	0.6	0.1	-0.01	-0.01	0	0	0	0	0	0
10/26/2023 20:09	45501 DERR_T2	1	1	0	0.2	0.2	0	0.6	0.53	2	2	0	1800	1800	0
10/26/2023 20:10	62604 ENGL_T1	0	0	0	0	0	0	-2.93	-2.85	2	2	0	1200	1200	0
10/26/2023 20:10	65601 QVIL_T2	1	4	3	0.1	0.13	0.03	0	0	0	0	0	0	0	0
10/26/2023 20:10	13302 ORVI_T2	2	7	5	0.1	0.11	0.01	1	1	0	0	0	0	0	0
10/26/2023 20:10	24901 WHHA_T1	0	0	0	0	0	0	0.53	0.52	0	0	0	0	0	0
10/26/2023 20:10	46301 ROHR_T1	0	0	0	0	0	0	0.12	0.14	0	0	0	0	0	0
10/26/2023 20:10	45501 DERR_T2	1	1	0	0.2	0.2	0	0.6	0.53	2	2	0	1800	1800	0
10/26/2023 20:10	40902 JESH_T1	0	0	0	0	0	0	-0.75	-0.69	0	0	0	0	0	0
10/26/2023 20:10	46702 RENO_T1	0	0	0	0	0	0	-0.16	-0.15	0	0	0	0	0	0
10/26/2023 20:10	10801 CHHI_T1	0	0	0	0	0	0	-0.84	-0.91	1	1	0	900	900	0
10/26/2023 20:10	60803 BLCK_T1	94	135	41	0.28	0.31	0.03	0	0	0	0	0	0	0	0
10/26/2023 20:10	28604 BLYT_T2	0	0	0	0	0	0	-1.41	-1.4	0	0	0	0	0	0
10/26/2023 20:10	46801 HEPB_T2	2	2	0	0.2	0.5	0.3	0.57	0.53	0	0	0	0	0	0
10/26/2023 20:10	43201 MVIL_T2	0	0	0	0	0	0	-0.4	-0.4	0	0	0	0	0	0
10/26/2023 20:10	29402 BELT_T1	1	1	0	8	7.9	-0.1	0	0	0	0	0	0	0	0
10/26/2023 20:10	61101 BERK_T5	0	0	0	0	0	0	-1.01	-1.01	0	0	0	0	0	0
10/26/2023 20:10	56802 BENV_T2	142	159	17	0.24	0.24	0	-0.79	-0.81	0	0	0	0	0	0
10/26/2023 20:10	45702 LIND_T2	2	1	-1	0.9	0.2	-0.7	-0.65	-0.56	0	0	0	0	0	0
10/26/2023 20:10	53501 EVIL_T2	4	4	0	0.43	0.65	0.22	-0.75	-0.71	1	1	0	600	600	0
10/26/2023 20:10	67605 WARW_T1	0	3	3	0	0.17	0.17	-1.1	-1.14	0	0	0	0	0	0
10/26/2023 20:11	15001 BLMO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/26/2023 20:11	43304 WATS_T2	0	0	0	0	0	0	-0.48	-0.5	0	0	0	0	0	0
10/26/2023 20:11	56801 BENV_T1	18	25	7	0.43	0.45	0.02	-0.19	-0.19	0	0	0	0	0	0
10/26/2023 20:11	67503 WEWI_T2	0	0	0	0	0	0	-0.39	-0.41	0	0	0	0	0	0
10/26/2023 20:11	28604 BLYT_T2	0	0	0	0	0	0	-1.4	-1.4	0	0	0	0	0	0
10/26/2023 20:11	41902 REED_T1	1	0	-1	0.5	0	-0.5	0	0	0	0	0	0	0	0
10/26/2023 20:11	49803 UNIV_T1	0	0	0	0	0	0	-1.15	0.18	0	0	0	0	0	0
10/26/2023 20:11	58402 MORO_T1	0	0	0	0	0	0	-1.21	-1.21	2	2	0	1500	1500	0
10/26/2023 20:11	67503 WEWI_T2	0	0	0	0	0	0	-0.39	-0.41	0	0	0	0	0	0
10/26/2023 20:11	42903 MIDD_T2	2	2	0	0.6	0.75	0.15	0	0	0	0	0	0	0	0
10/26/2023 20:11	12701 MACU_T1	0	0	0	0	0	0	0.03	0.03	0	0	0	0	0	0
10/26/2023 20:11	53601 DALM_T2	1	1	0	0.8	0.8	0	-0.01	-0.14	0	0	0	0	0	0
10/26/2023 20:12	65003 NEFF_T2	0	4	4	0	0.13	0.13	0	0	0	0	0	0	0	0
10/26/2023 20:12	67402 WAKE_T2	42	7	-35	0.16	0.11	-0.05	0	0	0	0	0	0	0	0
10/26/2023 20:12	66505 SMAN_T2	0	0	0	0	0	0	0.21	0.17	1	1	0	900	900	0
10/26/2023 20:12	46001 BERW_T1	0	0	0	0	0	0	0.81	0.86	0	0	0	0	0	0
10/26/2023 20:12	41902 REED_T1	1	0	-1	0.5	0	-0.5	1	1.04	0	0	0	0	0	0
10/26/2023 20:12	43304 WATS_T2	0	0	0	0	0	0	-0.48	-0.5	0	0	0	0	0	0
10/26/2023 20:12	41502 FAIR_T2	0	1	1	0	0.1	0.1	0	0	0	0	0	0	0	0
10/26/2023 20:12	15001 BLMO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/26/2023 20:12	45802 HEGI_T2	0	0	0	0	0	0	0.69	0.66	0	0	0	0	0	0
10/26/2023 20:13	53901 HALI_T2	2	1	-1	0.15	0.3	0.15	0	0	0	0	0	0	0	0
10/26/2023 20:13	59302 MCAL_T1	1	1	0	1.4	1.4	0	0	0	0	0	0	0	0	0
10/26/2023 20:13	15001 BLMO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/26/2023 20:13	52006 LING_T2	2	2	0	0.55	0.7	0.15	0	0	0	0	0	0	0	0
10/26/2023 20:13	56603 HAMP_T1	94	71	-23	0.32	0.25	-0.07	0	0	0	0	0	0	0	0
10/26/2023 20:13	42201 SHEN_T2	0	0	0	0	0	0	0.01	0	1	1	0	600	600	0
10/26/2023 20:13	53501 EVIL_T2	4	4	0	0.43	0.65	0.22	-0.71	-0.76	1	1	0	600	600	0
10/26/2023 20:14	60801 BLCK_T1	151	172	21	0.45	0.47	0.02	0	0	0	0	0	0	0	0
10/26/2023 20:14	67203 TEHI_T1	0	0	0	0	0	0	2.41	2.45	1	1	0	600	600	0
10/26/2023 20:14	46903 MNTG_T2	22	23	1	0.11	0.12	0.01	0.32	0.52	0	0	0	0	0	0
10/26/2023 20:15	45402 WILO_T2	44	48	4	0.28	0.33	0.05	-0.8	-0.79	0	0	0	0	0	0
10/26/2023 20:15	41901 REED_T1	2	3	1	0.3	0.27	-0.03	0	0	0	0	0	0	0	0
10/26/2023 20:15	52401 GRPA_T2	0	2	2	0	0.15	0.15	-0.42	-0.44	0	0	0	0	0	0
10/26/2023 20:15	56501 ROCK_T2	9	5	-4	0.17	0.26	0.09	-0.2	-0.46	0	0	0	0	0	0
10/26/2023 20:15	54501 ENOL_T2	4	0	-4	0.15	0	-0.15	0	0	0	0	0	0	0	0
10/26/2023 20:15	67502 WEWI_T2	89	110	21	0.16	0.19	0.03	-0.47	-0.47	0	0	0	0	0	0
10/26/2023 20:15	64101 BERR_T1	0	0	0	0	0	0	-0.11	-0.2	0	0	0	0	0	0
10/26/2023 20:15	56802 BENV_T2	159	73	-86	0.23	0.19	-0.04	-1.61	-1.56	0	0	0	0	0	0
10/26/2023 20:15	14801 TREI_T2	13	1	-12	0.12	0.1	-0.02	0	0	0	0	0	0	0	0
10/26/2023 20:15	59301 MCAL_T1	90	129	39	0.98	0.8	-0.18	-1.06	-1.05	0	0	0	0	0	0
10/26/2023 20:15	40101 HUNT_T2	0	0	0	0	0	0	-1.12	-1.16	0	0	0	0	0	0
10/26/2023 20:15	66504 SMAN_T2	0	0	0	0	0	0	-0.3	-0.35	0	0	0	0	0	0
10/26/2023 20:15	67502 WEWI_T2	89	110	21	0.16	0.19	0.03	-0.47	-0.47	0	0	0	0	0	0
10/26/2023 20:15	56801 BENV_T1	22	24	2	0.48	0.45	-0.03	-0.38	-0.38	0	0	0	0	0	0
10/26/2023 20:15	45501 DERR_T2	1	1	0	0.2	0.2	0	0.53	0.46	2	2	0	1800	1800	0
10/26/2023 20:16	41901 REED_T1	2	3	1	0.3	0.27	-0.03	0	0	0	0	0	0	0	0
10/26/2023 20:16	59101 WALK_T2	1	1	0	0	0	0	0.98	1.01	1	1	0	450	450	0
10/26/2023 20:16	42903 MIDD_T2	2	2	0	0.65	0.75	0.1	0	0	0	0	0	0	0	0
10/26/2023 20:16	14802 TREI_T2	12	4	-8	0.2	0.15	-0.05	0.33	0.32	0	0	0	0	0	0
10/26/2023 20:16	54505 ENOL_T2	1	1	0	1.4	1.3	-0.1	-1.36	-1.36	1	1	0	600	600	0
10/26/2023 20:16	56801 BENV_T1	22	24	2	0.48	0.45	-0.03	-0.38	-0.38	0	0	0	0	0	0
10/26/2023 20:16	62605 ENGL_T1	0	5	5	0	0.14	0.14	0	0	0	0	0	0	0	0
10/26/2023 20:17	56802 BENV_T2	159	73	-86	0.23	0.19	-0.04	-0.81	-0.78	0	0	0	0	0	0
10/26/2023 20:17	12701 MACU_T1	0	0	0	0	0	0	0.03	0.03	0	0	0	0	0	0
10/26/2023 20:17	41801 GOCI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/26/2023 20:17	56603 HAMP_T1	71	65	-6	0.25	0.22	-0.03	0	0	0	0	0	0	0	0
10/26/2023 20:17	62605 ENGL_T1	0	5	5	0	0.14	0.14	0	0	0	0	0	0	0	0
10/26/2023 20:18	54502 ENOL_T2	1	1	0	0.5	0.6	0.1	0	0	0	0	0	0	0	0
10/26/2023 20:18	14401 SSLA_T1	3	1	-2	0.13	0.1	-0.03	0	0	0	0	0	0	0	0
10/26/2023 20:18	20403 ASHF_T2	0	0	0	0	0	0	0.1	0.1	0	0	0	0	0	0
10/26/2023 20:18	54503 ENOL_T2	0	0	0	0	0	0	-0.41	-0.39	1	1	0	600	600	0
10/26/2023 20:18	54501 ENOL_T2	4	0	-4	0.15	0	-0.15	0.09	0.11	0	0	0	0	0	0
10/26/2023 20:18	66703 STRA_T1	1	1	0	0.3	0.2	-0.1	-0.3	-0.27	0	0	0	0	0	0
10/26/2023 20:18	56802 BENV_T2	159	73	-86	0.23	0.19	-0.04	-1.61	-1.56	0	0	0	0	0	0
10/26/2023 20:18	59301 MCAL_T1	90	129	39	0.98	0.8	-0.18	0	0	0	0	0	0	0	0
10/26/2023 20:19	56802 BENV_T2	159	73	-86	0.23	0.19	-0.04	-0.81	-0.78	0	0	0	0	0	0
10/26/2023 20:19	13105 NHAM_T2	0	0	0	0	0	0	-0.22	-0.22	1	1	0	1200	1200	0
10/26/2023 20:19	56503 ROCK_T2	13	5	-8	0.13	0.12	-0.01	0	0	0	0	0	0	0	0
10/26/2023 20:19	56801 BENV_T1	22	24	2	0.48	0.45	-0.03	-0.19	-0.19	0	0	0	0	0	0
10/26/2023 20:19	61801 EEU_T2	2	2	0	1.7	1.5	-0.2	-0.85	-0.82	1	1	0	600	600	0
10/26/2023 20:19	55002 NEWP_T1	6	6	0	1.1	1.3	0.2	-0.25	-0.26	0	0	0	0	0	0
10/26/2023 20:20	54501 ENOL_T2	4	0	-4	0.15	0	-0.15	0	0	0	0	0	0	0	0
10/26/2023 20:20	59102 WALK_T2	0	1	1	0	0.1	0.1	0	0	0	0	0	0	0	0
10/26/2023 20:20	56802 BENV_T2	159	73	-86	0.23	0.19	-0.04	-0.81	-0.78	0	0	0	0	0	0
10/26/2023 20:21	54501 ENOL_T2	4	0	-4	0.15	0	-0.15	0.09	0.11	0	0	0	0	0	0
10/26/2023 20:21	56801 BENV_T1	22	24	2	0.48	0.45	-0.03	-0.19	-0.19	0	0	0	0	0	0
10/26/2023 20:21	53501 EVIL_T2	3	4	1	0.6	0.58	-0.02	-0.71	-0.76	1	1	0	600	600	0
10/26/2023 20:21	12701 MACU_T1	0	0	0	0	0	0	0.03	0.03	0	0	0	0	0	0
10/26/2023 20:22	57403 SPAN_T1	0	0	0	0	0	0	0.03	0.01	0	0	0	0	0	0
10/26/2023 20:22	52402 GRPA_T2	4	5	1	1.3	1.36	0.06	0	0	0	0	0	0	0	0
10/26/2023 20:24	56801 BENV_T1	22	24	2	0.48	0.45	-0.03	-0.19	-0.19	0	0	0	0	0	0
10/26/2023 20:24	52402 GRPA_T2	4	5	1	1.3	1.36	0.06	0	0	0	0	0	0	0	0
10/26/2023 20:25	28403 HART_T2	0	0	0	0	0	0	-0.66	-0.63	1	1	0	900	900	0
10/26/2023 20:26	57303 MOAL_T2	1	1	0	6.9	6.8	-0.1	0	0	0	0	0	0	0	0
10/26/2023 20:26	54501 ENOL_T2	4	0	-4	0.15	0	-0.15	0	0	0	0	0	0	0	0
10/26/2023 20:26	54701 NEBL_T1	1	1	0	0.4	0.5	0.1	0	0	1	1	0	600	600	0
10/26/2023 20:26	67201 TEHI_T1	0	0	0	0	0	0	0.07	0.24	1	1	0	900	900	0
10/26/2023 20:27	58402 MORO_T1	0	0	0	0	0	0	-1.21	-1.21	2	2	0	1500	1500	0
10/26/2023 20:27	56801 BENV_T1	22	24	2	0.48	0.45	-0.03	-0.38	-0.34	0	0	0	0	0	0
10/26/2023 20:28	54202 PENN_T2	350	261	-89	0.2	0.17	-0.03	0	0	0	0	0	0	0	0
10/26/2023 20:29	54505 ENOL_T2	1	1	0	1.4	1.3	-0.1	0	0	0	0	0	0	0	0
10/26/2023 20:41	43202 MVIL_T2	0	0	0	0	0	0	-0.75	-0.74	0	0	0	0	0	0
10/26/2023 21:41	54502 ENOL_T2	1	1	0	1	1.1	0.1	0	0	0	0	0	0	0	0
10/26/2023 23:19	46203 DANV_T2	99	142	43	0.21	0.28	0.07	0	0	0	0	0	0	0	0
10/27/2023 0:28	64203 KINZ_T1	263	925	662	0.39	0.55	0.16	0.15	0.2	0	0	0	0	0	0
10/27/2023 0:28	43301 WATS_T2	1	1	0	0.5	1	0.5	0	0	0	0	0	0	0	0
10/27/2023 0:28	67503 WEWI_T2	0	0	0	0	0	0	-0.78	-0.78	0	0	0	0	0	0
10/27/2023 0:28	56802 BENV_T2	1	1	0	0.9	0.7	-0.2	-1.57	-1.56	0	0	0	0	0	0
10/27/2023 0:28	54501 ENOL_T2	0	3	3	0	0.13	0.13	0	0	0	0	0	0	0	0
10/27/2023 0:28	62604 ENGL_T1	0	0	0	0	0	0	-1.67	-1.73	1	1	0	600	600	0
10/27/2023 0:28	58402 MORO_T1	0	0	0	0	0	0	-2.32	-1.98	1	3	2	600	2400	1800
10/27/2023 0:28	14403 SSLA_T1	0	0	0	0	0	0	0.46	0.46	0	0	0	0	0	0
10/27/2023 0:28	59101 WALK_T2	1	1	0	0	0	0	1.01	0.97	0	0	0	0	0	0
10/27/2023 0:28	46001 BERW_T1	0	0	0	0	0	0	0.57	0.54	0	0	0	0	0	0
10/27/2023 0:28	55002 NEWP_T1	6	6	0	0.23	0.58	0.35	-0.33	-0.35	0	0	0	0	0	0
10/27/2023 0:28	56603 HAMP_T1	1	55	54	0.1	0.18	0.08	0	0	0	0	0	0	0	0
10/27/2023 0:28	15001 BLMO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/27/2023 0:28	13704 SCHN_T2	0	0	0	0	0	0	-1.02	-1.04	0	0	0	0	0	0
10/27/2023 0:28	56801 BENV_T1	6	30	24	0.15	0.94	0.79	-0.99	-0.98	1	1	0	600	600	0
10/27/2023 0:32	25801 SUTR_T2	0	0	0	0	0	0	-0.22	-0.24	0	0	0	0	0	0
10/27/2023 0:40	54505 ENOL_T2	1	1	0	0.2	0.5	0.3	0	0	0	0	0	0	0	0
10/27/2023 0:42	42601 TUSC_T1	0	0	0	0	0	0	-0.71	-0.83	2	2	0	1800	1800	0
10/27/2023 1:34	52402 GRPA_T2	1	1	0	3	3.3	0.3	0	0	0	0	0	0	0	0
10/27/2023 6:24	65001 NEFF_T2	0	9	9	0	0.12	0.12	-1.21	-1.16	1	1	0	1200	1200	0
10/27/2023 6:36	65003 NEFF_T2	0	4	4	0	0.35	0.35	0	0	0	0	0	0	0	0
10/27/2023 7:12	46203 DANV_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/27/2023 7:22	57403 SPAN_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/27/2023 7:24	14702 TREX_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/27/2023 7:53	43402 BENT_T1	0	0	0	0	0	0	-0.94	-0.89	1	1	0	900	900	0
10/27/2023 7:55	45501 DERR_T2	2	1	-1	0.35	0.3	-0.05	0.18	0.21	2	2	0	1800	1800	0
10/27/2023 8:12	46803 HEPB_T2	0	5	5	0	0.16	0.16	0	0	0	0	0	0	0	0
10/27/2023 8:12	45501 DERR_T2	1	1	0	0.3	0.3	0	0.22	0.29	2	2	0	1800	1800	0
10/27/2023 8:16	58402 MORO_T1	0	0	0	0	0	0	-4.33	-4.42	6	6	0	4800	4800	0
10/27/2023 8:20	14702 TREX_T2	0	0	0	0	0	0	0.89	0.91	0	0	0	0	0	0
10/27/2023 8:20	54701 NEBL_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/27/2023 8:25	46203 DANV_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/27/2023 8:28	40101 HUNT_T2	0	0	0	0	0	0	-0.59	-0.58	0	0	0	0	0	0
10/27/2023 8:31	45802 HEGI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/27/2023 8:34	13901 SEID_T1	0	0	0	0	0	0	0.15	0.14	0	0	0	0	0	0
10/27/2023 8:36	54701 NEBL_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/27/2023 8:47	55002 NEWP_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/27/2023 8:51	55002 NEWP_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/27/2023 8:51	43304 WATS_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/27/2023 8:52	67401 WAKE_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/27/2023 8:54	56802 BENV_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/27/2023 9:03	55002 NEWP_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/27/2023 9:13	14702 TREX_T2	0	1	1	0	0	0	0.89	0.91	0	0	0	0	0	0
10/27/2023 9:18	54701 NEBL_T1	0	0	0	0	0	0	0	0	1	1	0	600	600	0
10/27/2023 9:20	14401 SSLA_T1	0	1	1	0	0.1	0.1	0	0	0	0	0	0	0	0
10/27/2023 9:22	57403 SPAN_T1	0	0	0	0	0	0	0	0

10/27/2023 10:00	52402 GRPA_T2	1	1	0	4.2	4.5	0.3	0	0	0	0	0	0	0	0
10/27/2023 10:00	67401 WAKE_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/27/2023 10:00	12701 MACU_T1	0	0	0	0	0	0	0.1	0.08	0	0	0	0	0	0
10/27/2023 10:00	13901 SEID_T1	0	0	0	0	0	0	0.15	0.15	0	0	0	0	0	0
10/27/2023 10:00	42202 SHEN_T2	0	1	1	0	0	0	0	0	0	0	0	0	0	0
10/27/2023 10:00	56504 ROCK_T2	0	0	0	0	0	0	-0.36	-0.17	0	0	0	0	0	0
10/27/2023 10:00	15203 SFAR_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/27/2023 10:00	52503 PROG_T2	0	0	0	0	0	0	-0.77	-0.74	1	1	0	900	900	0
10/27/2023 10:00	57403 SPAN_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/27/2023 10:00	26401 INOR_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/27/2023 10:00	12604 MACA_T1	0	0	0	0	0	0	0.22	0.23	0	0	0	0	0	0
10/27/2023 10:00	46702 RENO_T1	0	0	0	0	0	0	-0.17	-0.14	0	0	0	0	0	0
10/27/2023 10:01	41901 REED_T1	10	11	1	0.41	0.48	0.07	0	0	0	0	0	0	0	0
10/27/2023 10:04	61202 REIN_T1	60	60	0	1	0.88	-0.12	0	0	0	0	0	0	0	0
10/27/2023 10:04	13302 ORVI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/27/2023 10:05	42903 MIDD_T2	0	2	2	0	0.1	0.1	0	0	0	0	0	0	0	0
10/27/2023 10:06	41901 REED_T1	10	11	1	0.41	0.48	0.07	-1.52	-1.5	1	1	0	900	900	0
10/27/2023 10:06	45402 WILO_T2	1	1	0	1.4	1.4	1.7	0.3	0	0	0	0	0	0	0
10/27/2023 10:06	56603 HAMP_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/27/2023 10:07	56802 BENV_T2	1	1	0	1.1	1.3	0.2	-1.44	-0.76	0	0	0	0	0	0
10/27/2023 10:08	20402 ASHF_T2	0	1	1	0	0	0	0	0	0	0	0	0	0	0
10/27/2023 10:08	43301 WATS_T2	1	1	0	1.2	1.3	0.1	0	0	0	0	0	0	0	0
10/27/2023 10:09	56802 BENV_T2	1	1	0	1.1	1.3	0.2	-1.44	-0.76	0	0	0	0	0	0
10/27/2023 10:09	60801 BUCK_T1	0	0	0	0	0	0	0.16	0.18	0	0	0	0	0	0
10/27/2023 10:09	60201 ATGL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/27/2023 10:10	56803 BENV_T1	1	0	-1	0.1	0	-0.1	0	0	0	0	0	0	0	0
10/27/2023 10:10	56802 BENV_T2	1	1	0	1.1	1.3	0.2	-2.88	-1.51	0	0	0	0	0	0
10/27/2023 10:10	62604 ENGL_T1	0	0	0	0	0	0	-1.51	-1.49	1	1	0	600	600	0
10/27/2023 10:10	10801 CHHI_T1	0	0	0	0	0	0	-0.85	-0.92	1	1	0	900	900	0
10/27/2023 10:10	45501 DERR_T2	1	1	0	0.9	0.2	-0.7	0	0	0	0	0	0	0	0
10/27/2023 10:11	45501 DERR_T2	1	1	0	0.9	0.2	-0.7	0.33	0.4	2	2	0	1800	1800	0
10/27/2023 10:11	44802 EDAN_T2	0	0	0	0	0	0	-2.2	-2.19	1	1	0	1200	1200	0
10/27/2023 10:11	56803 BENV_T1	1	0	-1	0.1	0	-0.1	0	0	0	0	0	0	0	0
10/27/2023 10:11	56802 BENV_T2	1	1	0	1.1	1.3	0.2	-0.76	-0.77	0	0	0	0	0	0
10/27/2023 10:11	53601 DALM_T2	0	1	1	0	0.2	0.2	-0.39	-0.43	0	0	0	0	0	0
10/27/2023 10:11	62604 ENGL_T1	0	0	0	0	0	0	-2.98	-2.98	2	2	0	1200	1200	0
10/27/2023 10:12	46206 DANV_T2	1	0	-1	0.9	0	-0.9	0	0	0	0	0	0	0	0
10/27/2023 10:12	45501 DERR_T2	1	1	0	0.9	0.2	-0.7	0.33	0.4	2	2	0	1800	1800	0
10/27/2023 10:12	62604 ENGL_T1	0	0	0	0	0	0	-1.49	-1.49	1	1	0	600	600	0
10/27/2023 10:12	41801 GOCI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/27/2023 10:12	45802 HEGI_T2	0	0	0	0	0	0	0.45	-0.37	1	1	0	900	900	0
10/27/2023 10:12	56802 BENV_T2	1	1	0	1.1	1.3	0.2	-0.76	-0.77	0	0	0	0	0	0
10/27/2023 10:12	15001 BLMO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/27/2023 10:13	46803 HEPB_T2	1	2	1	0.2	0.25	0.05	0.46	0.45	0	0	0	0	0	0
10/27/2023 10:13	41801 GOCI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/27/2023 10:13	67503 WEWI_T2	0	0	0	0	0	0	-0.47	-0.44	0	0	0	0	0	0
10/27/2023 10:13	46803 HEPB_T2	1	2	1	0.2	0.25	0.05	0.46	0.45	0	0	0	0	0	0
10/27/2023 10:13	44802 EDAN_T2	0	0	0	0	0	0	-4.4	-4.38	2	2	0	2400	2400	0
10/27/2023 10:13	40101 HUNT_T2	0	0	0	0	0	0	-0.49	-0.52	0	0	0	0	0	0
10/27/2023 10:14	40101 HUNT_T2	0	0	0	0	0	0	-0.49	-0.52	0	0	0	0	0	0
10/27/2023 10:15	43202 MVIL_T2	2	29	27	0.3	0.19	-0.11	-0.66	-0.67	0	0	0	0	0	0
10/27/2023 10:15	28403 HART_T2	0	0	0	0	0	0	-0.89	-0.89	1	1	0	900	900	0
10/27/2023 10:15	62604 ENGL_T1	0	0	0	0	0	0	-1.49	-1.49	1	1	0	600	600	0
10/27/2023 10:16	43201 MVIL_T2	0	0	0	0	0	0	-0.41	-0.39	0	0	0	0	0	0
10/27/2023 10:16	54701 NEBL_T1	2	2	0	0.1	0.35	0.25	0	0	1	1	0	600	600	0
10/27/2023 10:17	65001 NEFF_T2	0	0	0	0	0	0	-0.67	-0.67	1	1	0	1200	1200	0
10/27/2023 10:18	43202 MVIL_T2	2	29	27	0.3	0.19	-0.11	-0.66	-0.67	0	0	0	0	0	0
10/27/2023 10:19	42002 MNVL_T2	1	1	0	4.1	4.3	0.2	0	0	0	0	0	0	0	0
10/27/2023 10:22	29402 BELT_T1	1	1	0	7.5	7.7	0.2	0	0	0	0	0	0	0	0
10/27/2023 10:22	66505 SMAN_T2	0	0	0	0	0	0	1.3	0.94	4	4	0	2200	2200	0
10/27/2023 10:22	56801 BENV_T1	40	44	4	0.87	0.95	0.08	-0.85	-0.86	1	1	0	600	600	0
10/27/2023 10:23	56801 BENV_T1	40	44	4	0.87	0.95	0.08	-2.55	-2.58	3	3	0	1800	1800	0
10/27/2023 10:23	15001 BLMO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/27/2023 10:24	56801 BENV_T1	40	44	4	0.87	0.95	0.08	-0.85	-0.86	1	1	0	600	600	0
10/27/2023 10:25	67502 WEWI_T2	0	0	0	0	0	0	-0.4	-0.37	0	0	0	0	0	0
10/27/2023 10:26	15001 BLMO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/27/2023 10:26	67502 WEWI_T2	0	0	0	0	0	0	-0.37	-0.38	0	0	0	0	0	0
10/27/2023 10:26	28604 BLYT_T2	0	0	0	0	0	0	-1.46	-1.44	0	0	0	0	0	0
10/27/2023 10:27	67502 WEWI_T2	0	0	0	0	0	0	-0.37	-0.38	0	0	0	0	0	0
10/27/2023 10:27	28604 BLYT_T2	0	0	0	0	0	0	-1.46	-1.44	0	0	0	0	0	0
10/27/2023 10:27	15001 BLMO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/27/2023 10:28	45003 LIME_2	1	1	0	2.3	2.8	0.5	0	0	1	1	0	1200	1200	0
10/27/2023 10:29	29402 BELT_T1	1	1	0	7.5	7.7	0.2	0	0	0	0	0	0	0	0
10/27/2023 10:29	43402 BENT_T1	0	1	1	0	0.3	0.3	-0.66	-0.65	1	1	0	900	900	0
10/27/2023 10:30	67503 WEWI_T2	0	0	0	0	0	0	-0.44	-0.46	0	0	0	0	0	0
10/27/2023 10:31	45702 LIND_T2	1	1	0	0.5	1	0.5	-0.36	-0.37	0	0	0	0	0	0
10/27/2023 10:33	66504 SMAN_T2	0	0	0	0	0	0	-0.35	-0.38	0	0	0	0	0	0
10/27/2023 10:35	58402 MORO_T1	0	0	0	0	0	0	-2.19	-2.22	3	3	0	2400	2400	0
10/27/2023 10:36	65603 QVIL_T2	1	1	0	6.5	6.5	0	0	0	0	0	0	0	0	0
10/27/2023 10:36	66504 SMAN_T2	0	0	0	0	0	0	-0.35	-0.38	0	0	0	0	0	0
10/27/2023 10:42	51604 DUKE_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/27/2023 10:44	64204 KINZ_T1	1	1	0	0.3	0.5	0.2	0	0	0	0	0	0	0	0
10/27/2023 10:44	12701 MACU_T1	0	0	0	0	0	0	0.03	-0.01	0	0	0	0	0	0
10/27/2023 10:45	52403 GRPA_T2	0	0	0	0	0	0	0.05	0	0	0	0	0	0	0
10/27/2023 10:47	46803 HEPB_T2	2	1	-1	0.25	0.3	0.05	0	0	0	0	0	0	0	0
10/27/2023 10:47	42903 MIDD_T2	2	2	0	0.2	0.1	-0.1	0	0	0	0	0	0	0	0
10/27/2023 10:47	12701 MACU_T1	0	0	0	0	0	0	0.03	-0.01	0	0	0	0	0	0
10/27/2023 10:48	42903 MIDD_T2	2	2	0	0.2	0.1	-0.1	0	0	0	0	0	0	0	0
10/27/2023 10:48	54701 NEBL_T1	2	3	1	0.35	0.17	-0.18	0	0	1	1	0	600	600	0
10/27/2023 10:49	41901 REED_T1	10	10	0	0.52	0.43	-0.09	0	0	0	0	0	0	0	0
10/27/2023 10:49	13105 NHAM_T2	0	0	0	0	0	0	-0.31	-0.31	1	1	0	1200	1200	0
10/27/2023 10:50	66703 STRA_T1	0	0	0	0	0	0	-0.06	-0.12	0	0	0	0	0	0
10/27/2023 10:52	41901 REED_T1	10	10	0	0.52	0.43	-0.09	0	0	0	0	0	0	0	0
10/27/2023 10:52	46302 ROHR_T1	2	4	2	3.25	2.1	-1.15	0	0	0	0	0	0	0	0
10/27/2023 10:52	67203 TEHI_T1	0	0	0	0	0	0	2.25	2.27	2	2	0	1500	1500	0
10/27/2023 10:53	57403 SPAN_T1	0	0	0	0	0	0	-0.04	-0.05	0	0	0	0	0	0
10/27/2023 10:54	27502 WEIS_T2	0	0	0	0	0	0	0.08	-0.53	0	0	0	0	0	0
10/27/2023 10:54	67203 TEHI_T1	0	0	0	0	0	0	0.89	0.94	1	1	0	900	900	0
10/27/2023 10:54	57403 SPAN_T1	0	0	0	0	0	0	-0.04	-0.05	0	0	0	0	0	0
10/27/2023 10:54	60101 COCA_T1	0	0	0	0	0	0	0.27	0.29	0	0	0	0	0	0
10/27/2023 10:55	67401 WAKE_T2	0	2	2	0	0.3	0.3	-0.77	-0.76	0	0	0	0	0	0
10/27/2023 10:57	60101 COCA_T1	0	0	0	0	0	0	0.29	0.29	0	0	0	0	0	0
10/27/2023 10:58	28403 HART_T2	0	0	0	0	0	0	-0.89	-0.87	1	1	0	900	900	0
10/27/2023 10:58	40101 HUNT_T2	0	0	0	0	0	0	-0.57	-0.53	0	0	0	0	0	0
10/27/2023 11:00	52401 GRPA_T2	0	1	1	0	0	0	0	0	0	0	0	0	0	0
10/27/2023 11:01	52402 GRPA_T2	3	5	2	1.17	1.02	-0.15	0	0	0	0	0	0	0	0
10/27/2023 11:02	42903 MIDD_T2	2	2	0	0.1	0.3	0.2	-3.63	-3.11	3	3	0	3600	3600	0
10/27/2023 11:02	13302 ORVI_T2	1	1	0	0.2	0.1	-0.1	1.05	1.06	0	0	0	0	0	0
10/27/2023 11:03	42903 MIDD_T2	2	2	0	0.1	0.3	0.2	0	0	0	0	0	0	0	0
10/27/2023 11:03	64902 MILL_T2	0	0	0	0	0	0	-0.72	-0.77	1	1	0	900	900	0
10/27/2023 11:05	25801 SUTR_T2	0	0	0	0	0	0	-0.14	-0.14	0	0	0	0	0	0
10/27/2023 11:06	66703 STRA_T1	0	0	0	0	0	0	-0.12	-0.1	0	0	0	0	0	0
10/27/2023 11:07	60201 ATGL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/27/2023 11:08	45402 WILO_T2	5	3	-2	0.54	0.67	0.13	-0.7	-0.73	0	0	0	0	0	0
10/27/2023 11:09	45502 DERR_T2	2	1	-1	0.95	1.5	0.55	0.47	0.27	1	1	0	300	300	0
10/27/2023 11:10	15001 BLMO_T1	0	1	1	0	0.1	0.1	0	0	0	0	0	0	0	0
10/27/2023 11:10	28604 BLYT_T2	0	0	0	0	0	0	-1.46	-1.46	0	0	0	0	0	0
10/27/2023 11:10	45501 DERR_T2	0	1	1	0	0.1	0.1	0.3	0.32	2	2	0	1800	1800	0
10/27/2023 11:11	41801 GOCI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/27/2023 11:11	45501 DERR_T2	0	1	1	0	0.1	0.1	0.32	0.32	2	2	0	1800	1800	0
10/27/2023 11:12	45501 DERR_T2	0	1	1	0	0.1	0.1	0.32	0.32	2	2	0	1800	1800	0
10/27/2023 11:12	63802 HEMP_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/27/2023 11:13	39601 LNFD_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/27/2023 11:13	51604 DUKE_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/27/2023 11:14	52401 GRPA_T2	0	1	1	0	0	0	0	0	0	0	0	0	0	0
10/27/2023 11:14	53903 HALI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/27/2023 11:16	52402 GRPA_T2	5	5	0	0.92	0.98	0.06	0	0	0	0	0	0	0	0
10/27/2023 11:18	46903 MNTG_T2	0	120	120	0	0.23	0.23	0	0	0	0	0	0	0	0
10/27/2023 11:20	49804 UNIV_T1	0	1	1	0	0.5	0.5	0	0	0	0	0	0	0	0
10/27/2023 11:20	54206 PENN_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/27/2023 11:22	15103 UPHA_T2	0	0	0	0	0	0	0.38	0.39	0	0	0	0	0	0
10/27/2023 11:25	67401 WAKE_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/27/2023 11:26	10805 CHHI_T2	1	3	2	8.6	9.1	0.5	-0.06	-0.15	1	1	0	600	600	0
10/27/2023 11:28	26401 INOR_T1	0	2	2	0	0.35	0.35	0	0	0	0	0	0	0	0
10/27/2023 11:29	42802 SELI_T1	0	0	0	0	0	0	-2.06	-4	0	2	2	0	1800	1800
10/27/2023 11:30	42903 MIDD_T2	2	3	1	0.3	0.5	0.2	0	0	0	0	0	0	0	0
10/27/2023 11:30	54505 ENOL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/27/2023 11:30	67502 WEWI_T2	0	1	1	0	0.1	0.1	0	0	0	0	0	0	0	0
10/27/2023 11:31	59301 MCAL_T1	6	44	38	0.5	0.27	-0.23	0	0	0	0	0	0	0	0
10/27/2023 11:31	42902 MIDD_T2	0	16	16	0	0.33	0.33	0	0	0	0	0	0	0	0
10/27/2023 11:32	46702 RENO_T1	0	0	0	0	0	0	-0.13	-0.11	0	0	0	0	0	0
10/27/2023 11:33	15603 NSTR_T2	67	61	-6	0.16	0.17	0.01	-0.67	-0.64	0	0	0	0	0	0
10/27/2023 11:33	56501 ROCK_T2	0	10	10	0	0.29	0.29	-0.21	-0.2	0	0	0	0	0	0
10/27/2023 11:33	13901 SEID_T1	0	0	0	0	0	0	0.17	0.16	0	0	0	0	0	0
10/27/2023 11:33	46903 MNTG_T2	3	120	117	0.5	0.23	-0.27	0	0	0	0	0	0	0	0
10/27/2023 11:34	42902 MIDD_T2	0	16	16	0	0.33	0.33	-0.98	-1.01	1	1	0	600	600	0
10/27/2023 11:34	42902 MIDD_T2	0	16	16	0	0.33	0.33	-0.98	-1.01	1	1	0	600	600	0
10/27/2023 11:34	65604 QVIL_T2	0	0	0	0	0	0	0.42	0.45	0	0	0	0	0	0
10/27/2023 11:36	65604 QVIL_T2	0	0	0	0	0	0	0.42	0.45	0	0	0	0	0	0
10/27/2023 11:36	67401 WAKE_T2	19	52	33	0.25	0.2	-0.05	-1.08	-1.06	0	0	0	0	0	0
10/27/2023 11:38	46004 BERW_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/27/2023 11:39	60201 ATGL_T2	0	0	0	0	0	0	0.42	0.5	0	0	0	0	0	0
10/27/2023 11:39	46001 BERW_T1	0	0	0	0	0	0	0.73	0.77	0	0	0	0	0	0
10/27/2023 11:40	60101 COCA_T1	0	0	0	0	0	0	0.41	0.27	0	0	0	0	0	0
10/27/2023 11:40	51604 DUKE_T2	0	12	12	0	0.15	0.15	-1.77	-1.78	1	1	0	900	900	0
10/27/2023 11:41	59102 WALK_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/27/2023 11:42	46001 BERW_T1	0	0	0	0	0	0	0.77	0.75	0	0	0	0	0	0
10/27/2023 11:42	60101 COCA_T1	0	0	0	0	0	0	0.27	0.31	0	0	0	0	0	0
10/27/2023 11:42	55002 NEWP_T1	9	7	-2	0.76	0.81	0.05	-0.23	-0.21	0	0	0	0	0	0
10/27/2023 11:42	41801 GOCI_T2	0	3	3	0	0	0	0	0	0	0	0	0	0	0
10/27/2023 11:43	51604 DUKE_T2	0	12	12	0	0.15	0.15	-1.78	-1.75	1	1	0	900	900	0
10/27/2023 11:43	61801 EEU_T2	2	2	0	0.9	1.4	0.5	-0.71	-0.71	1	1	0	600	600	0
10/27/2023 11:43	41801 GOCI_T2	0	3	3	0	0	0	0	0	0	0	0	0	0	0
10/27/2023 11:44	42801 SELI_T1	0	2	1	0	5	5	0	0	0	0	0	0	0	0
10/27/2023 11:45	52401 GRPA_T2	0	0	0	0	0	0	-0.53	-0.52	0	0	0	0	0	0
10/27/2023 11:45	52401 GRPA_T2	0	0	0	0	0	0	-0.53	-0.52	0	0	0	0	0	0
10/27/2023 11:45	42902 MIDD_T2	0	16	16	0	0.34	0.34	-1.01	-1.02	1	1	0	600	600	0
10/27/2023 11:45	58401 MORO_T1	0	1	1	0	0	0	-0.86	-0.85	1	1	0	600	600	0
10/27/2023 11:46	42903 MIDD_T2	2	3	1	0.55	0.77	0.22	0	0	0	0	0	0	0	0
10/27/2023 11:46	45001 LIME_2	0	16	16	0	0.27	0.27	0	0	0	0	0	0	0	0
10/27/2023 11:46	58401 MORO_T1	0	1	1	0	0	0	-0.86	-0.85	1	1	0	600	600	0
10/27/2023 11:46	46903 MNTG_T2	120	4	-116	0.23	0.4	0.17	0.14	0.11	1	1	0	600	600	0
10/27/2023 11:47	41801 GOCI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/27/2023 11:48	52402 GRPA_T2	4	4	0	1.08	1.3	0.22	0	0	0	0	0	0	0	0
10/27/2023 11:48	58401 MORO_T1	0	1	1	0	0	0	0	0	0	0	0	0	0	0
10/27/2023 11:48	46702 RENO_T1	0	0	0	0	0	0	-0.11	-0.12	0	0	0	0	0	0
10/27/2023 11:49	42902 MIDD_T2	0	16	16	0	0.34	0.34	0	0	0	0	0	0	0	0
10/27/2023 11:49	46903 MNTG_T2	120	4	-116	0.23	0.4	0.17	0	0	1	1	0	0	0	0
10/27/2023 11:50	42903 MIDD_T2	2	3	1	0.55	0.77	0.22	-2.24	-2.42	2	2	0	2400	2400	0
10/27/2023 11:50	59101 WALK_T2	1	1	0	0	0	0

Appendix C - Grid Benefits Achieved in Each Instance of Active Management

10/27/2023 12:20	58402 MORO_T1	0	0	0	0	0	0	-1.3	-1.28	3	2	-1	2400	1500	-900
10/27/2023 12:20	58402 MORO_T1	0	0	0	0	0	0	-1.3	-1.28	3	2	-1	2400	1500	-900
10/27/2023 12:20	13105 NHAM_T2	0	0	0	0	0	0	-0.26	-0.3	1	1	0	1200	1200	0
10/27/2023 12:21	58001 WCAR_T1	4	0	-4	0.38	0	-0.38	0	0	0	0	0	0	0	0
10/27/2023 12:22	58006 WCAR_T2	0	0	0	0	0	0	0.34	0.32	0	0	0	0	0	0
10/27/2023 12:24	60101 COCA_T1	0	0	0	0	0	0	0.28	0.24	0	0	0	0	0	0
10/27/2023 12:24	67401 WAKE_T2	112	34	-78	0.23	0.19	-0.04	-1.03	-1.05	0	0	0	0	0	0
10/27/2023 12:27	60101 COCA_T1	0	0	0	0	0	0	0.24	0.23	0	0	0	0	0	0
10/27/2023 12:28	56603 HAMP_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/27/2023 12:31	46901 MNTG_T2	0	0	0	0	0	0	1.64	1.64	0	0	0	0	0	0
10/27/2023 12:32	42902 MIDD_T2	1	1	0	0.2	0.5	0.3	-1.86	-1.9	2	2	0	1200	1200	0
10/27/2023 12:32	42902 MIDD_T2	1	1	0	0.2	0.5	0.3	-1.86	-1.9	2	2	0	1200	1200	0
10/27/2023 12:33	42902 MIDD_T2	1	1	0	0.2	0.5	0.3	-0.93	-0.95	1	1	0	600	600	0
10/27/2023 12:35	59101 WALK_T2	1	1	0	0	0	0	1.01	1.08	0	0	0	0	0	0
10/27/2023 12:36	13704 SCHN_T2	6	6	0	0.15	0.18	0.03	-0.36	-0.36	0	0	0	0	0	0
10/27/2023 12:36	59101 WALK_T2	1	1	0	0	0	0	1.01	1.08	0	0	0	0	0	0
10/27/2023 12:37	14802 TREI_T2	18	12	-6	0.21	0.23	0.02	0	0	0	0	0	0	0	0
10/27/2023 12:37	59101 WALK_T2	1	1	0	0	0	0	1.01	1.08	0	0	0	0	0	0
10/27/2023 12:40	46001 BERW_T1	0	0	0	0	0	0	0.63	0.74	0	0	0	0	0	0
10/27/2023 12:40	59101 WALK_T2	1	1	0	0	0	0	1.01	1.08	0	0	0	0	0	0
10/27/2023 12:41	41801 GOCI_T2	0	7	7	0	0.5	0.5	0	0	0	0	0	0	0	0
10/27/2023 12:42	46001 BERW_T1	0	0	0	0	0	0	0.74	0.72	0	0	0	0	0	0
10/27/2023 12:44	41801 GOCI_T2	0	7	7	0	0.5	0.5	0	0	0	0	0	0	0	0
10/27/2023 12:45	41801 GOCI_T2	2	7	5	0.25	0.49	0.24	0	0	0	0	0	0	0	0
10/27/2023 12:54	42701 AUGU_T1	4	1	-3	0	0.1	0.1	0	0	4	0	0	3600	3600	0
10/27/2023 12:55	42701 AUGU_T1	0	1	1	0	0.1	0.1	0	0	2	2	0	1800	1800	0
10/27/2023 12:58	53901 HAU_T2	1	1	0	0.2	0.1	-0.1	0	0	0	0	0	0	0	0
10/27/2023 12:59	45003 LIME_2	1	1	0	3.3	2.9	-0.4	0	0	1	1	0	1200	1200	0
10/27/2023 13:00	45001 LIME_2	1	3	2	1.1	0.13	-0.97	0	0	0	0	0	0	0	0
10/27/2023 13:02	13105 NHAM_T2	0	0	0	0	0	0	-0.26	-0.3	1	1	0	1200	1200	0
10/27/2023 13:03	57304 MOAL_T2	38	35	-3	0.31	0.25	-0.06	-0.49	-0.6	0	0	0	0	0	0
10/27/2023 13:03	45001 LIME_2	1	3	2	1.1	0.13	-0.97	0	0	0	0	0	0	0	0
10/27/2023 13:08	60201 ATGL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/27/2023 13:09	46203 DANV_T2	11	6	-5	0.67	0.35	-0.32	0	0	0	0	0	0	0	0
10/27/2023 13:09	42701 AUGU_T1	1	1	0	0.1	0.1	0	0	0	0	0	0	0	0	0
10/27/2023 13:10	67401 WAKE_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/27/2023 13:13	26402 INOR_T1	1	0	-1	0.1	0	-0.1	0	0	0	0	0	0	0	0
10/27/2023 13:14	46206 DANV_T2	0	1	1	0	0	0	0	0	0	0	0	0	0	0
10/27/2023 13:15	53903 HAU_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/27/2023 13:24	60201 ATGL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/27/2023 13:25	61303 EARL_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/27/2023 13:26	56802 BENV_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/27/2023 13:28	20401 ASHF_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/27/2023 13:29	54502 ENOL_T2	1	1	0	0.2	0.3	0.1	0	0	0	0	0	0	0	0
10/27/2023 13:29	26401 INOR_T1	1	0	-1	0.2	0	-0.2	0	0	0	0	0	0	0	0
10/27/2023 13:29	42802 SELI_T1	3	2	-1	0.4	0.25	-0.15	-3.96	-3.92	2	2	0	1800	1800	0
10/27/2023 13:29	67502 WEWI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/27/2023 13:30	54502 ENOL_T2	1	1	0	0.3	0.3	0	0	0	0	0	0	0	0	0
10/27/2023 13:30	45802 HEGI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/27/2023 13:33	65503 MOJO_T2	0	0	0	0	0	0	-0.74	-0.75	1	1	0	900	900	0
10/27/2023 13:34	55002 NEWP_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/27/2023 13:34	13302 ORVI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/27/2023 13:34	65503 MOJO_T2	0	0	0	0	0	0	-0.74	-0.75	1	1	0	900	900	0
10/27/2023 13:36	67401 WAKE_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/27/2023 13:36	55002 NEWP_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/27/2023 13:38	59101 WALK_T2	1	1	0	0	0	0	1.34	1.26	0	0	0	0	0	0
10/27/2023 13:38	46004 BERW_T2	0	1	1	0	0.2	0.2	0	0	0	0	0	0	0	0
10/27/2023 13:39	59101 WALK_T2	1	1	0	0	0	0	1.34	1.26	0	0	0	0	0	0
10/27/2023 13:39	60801 BUCK_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/27/2023 13:40	60201 ATGL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/27/2023 13:40	59101 WALK_T2	1	1	0	0	0	0	1.34	1.26	0	0	0	0	0	0
10/27/2023 13:41	54505 ENOL_T2	1	1	0	0.9	1	0.1	0	0	0	0	0	0	0	0
10/27/2023 13:41	54502 ENOL_T2	3	3	0	0.3	0.3	0	-2.8	-2.86	0	0	0	0	0	0
10/27/2023 13:41	56802 BENV_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/27/2023 13:41	42701 AUGU_T1	1	1	0	0.1	0.6	0.5	0	0	0	0	0	0	0	0
10/27/2023 13:42	56802 BENV_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/27/2023 13:42	54505 ENOL_T2	1	2	1	0.9	1	0.1	-1.41	-1.41	1	1	0	600	600	0
10/27/2023 13:42	60801 BUCK_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/27/2023 13:44	54505 ENOL_T2	1	1	0	0.9	1	0.1	-1.41	-1.41	1	1	0	600	600	0
10/27/2023 13:44	54505 ENOL_T2	1	2	1	0.9	1	0.1	-1.41	-1.41	1	1	0	600	600	0
10/27/2023 13:44	67502 WEWI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/27/2023 13:44	56603 HAMP_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/27/2023 13:45	39601 LNFD_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/27/2023 13:45	54502 ENOL_T2	1	1	0	0.3	0.2	-0.1	-1.4	-1.43	0	0	0	0	0	0
10/27/2023 13:45	54503 ENOL_T2	0	0	0	0	0	0	-0.82	-0.78	2	2	0	1200	1200	0
10/27/2023 13:45	26401 INOR_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/27/2023 13:45	54505 ENOL_T2	1	1	0	1	0.7	-0.3	0	0	0	0	0	0	0	0
10/27/2023 13:46	53903 HAU_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/27/2023 13:46	54505 ENOL_T2	1	1	0	1	0.7	-0.3	0	0	0	0	0	0	0	0
10/27/2023 13:46	45802 HEGI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/27/2023 13:46	23301 JEFF_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/27/2023 13:47	58402 MORO_T1	0	0	0	0	0	0	-1.25	-1.19	2	2	0	1500	1500	0
10/27/2023 13:48	65503 MOJO_T2	0	0	0	0	0	0	-0.75	-0.7	1	1	0	900	900	0
10/27/2023 13:48	58402 MORO_T1	0	0	0	0	0	0	-1.25	-1.19	2	2	0	1500	1500	0
10/27/2023 13:48	13704 SCHN_T2	6	6	0	0.23	0.25	0.02	-0.37	-0.34	0	0	0	0	0	0
10/27/2023 13:49	65503 MOJO_T2	0	0	0	0	0	0	-0.75	-0.7	1	1	0	900	900	0
10/27/2023 13:49	58402 MORO_T1	0	0	0	0	0	0	-1.25	-1.19	2	2	0	1500	1500	0
10/27/2023 13:49	13704 SCHN_T2	6	6	0	0.23	0.25	0.02	-0.37	-0.34	0	0	0	0	0	0
10/27/2023 13:50	55002 NEWP_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/27/2023 13:52	55002 NEWP_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/27/2023 13:53	42701 AUGU_T1	1	1	0	0.2	0.7	0.5	0	0	2	2	0	1800	1800	0
10/27/2023 13:53	14401 SSLA_T1	5	7	2	0.52	0.6	0.08	0	0	0	0	0	0	0	0
10/27/2023 13:54	14403 SSLA_T1	5	9	4	0.34	0.44	0.1	0.78	0.74	0	0	0	0	0	0
10/27/2023 13:56	46203 DANV_T2	4	0	-4	0.2	0	-0.2	0	0	0	0	0	0	0	0
10/27/2023 13:57	42701 AUGU_T1	1	1	0	0.2	0.7	0.5	0	0	2	2	0	1800	1800	0
10/27/2023 13:59	63401 HONY_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/27/2023 14:00	63602 LETO_T1	37	30	-7	0.11	0.1	-0.01	-0.31	-0.29	0	0	0	0	0	0
10/27/2023 14:02	52401 GRPA_T2	1	1	0	0.2	0.2	0	0	0	0	0	0	0	0	0
10/27/2023 14:03	63602 LETO_T1	37	30	-7	0.11	0.1	-0.01	-0.31	-0.29	0	0	0	0	0	0
10/27/2023 14:05	14801 TREI_T2	85	96	11	0.31	0.36	0.05	0	0	0	0	0	0	0	0
10/27/2023 14:06	14802 TREI_T2	25	28	3	0.28	0.27	-0.01	0.36	0.35	0	0	0	0	0	0
10/27/2023 14:08	42701 AUGU_T1	4	1	-3	0.6	0.8	0.2	0	0	4	4	0	3600	3600	0
10/27/2023 14:08	52403 GRPA_T2	0	2	2	0	0	0	0	0	0	0	0	0	0	0
10/27/2023 14:09	66703 STRA_T1	0	0	0	0	0	0	-0.12	-0.09	0	0	0	0	0	0
10/27/2023 14:09	46206 DANV_T2	1	1	0	1.5	1.6	0.1	0	0	0	0	0	0	0	0
10/27/2023 14:09	46001 BERW_T1	0	0	0	0	0	0	0.76	0.75	0	0	0	0	0	0
10/27/2023 14:09	42701 AUGU_T1	1	1	0	0.6	0.8	0.2	0	0	2	2	0	1800	1800	0
10/27/2023 14:10	59101 WALK_T2	0	1	1	0	0	0	1.42	1.14	0	0	0	0	0	0
10/27/2023 14:12	61101 BERK_T5	0	0	0	0	0	0	-0.88	-0.86	0	0	0	0	0	0
10/27/2023 14:12	42701 AUGU_T1	1	1	0	0.6	0.8	0.2	0	0	2	2	0	1800	1800	0
10/27/2023 14:13	53901 HAU_T2	1	2	1	0.2	0.25	0.05	0	0	0	0	0	0	0	0
10/27/2023 14:14	41801 GOCI_T2	2	2	0	0.2	0.5	0.3	0	0	0	0	0	0	0	0
10/27/2023 14:15	52403 GRPA_T2	2	0	-2	0.3	0	-0.3	0.1	0.09	0	0	0	0	0	0
10/27/2023 14:15	58402 MORO_T1	0	0	0	0	0	0	-1.28	-1.2	2	2	0	1500	1500	0
10/27/2023 14:16	58402 MORO_T1	0	0	0	0	0	0	-1.28	-1.2	2	2	0	1500	1500	0
10/27/2023 14:17	52402 GRPA_T2	5	9	4	1.22	0.71	-0.51	0	0	0	0	0	0	0	0
10/27/2023 14:18	52401 GRPA_T2	1	1	0	0.2	0.2	0	0	0	0	0	0	0	0	0
10/27/2023 14:18	58402 MORO_T1	0	0	0	0	0	0	-1.28	-1.2	2	2	0	1500	1500	0
10/27/2023 14:18	65002 NEFF_T2	8	8	0	0.11	0.1	-0.01	0	0	0	0	0	0	0	0
10/27/2023 14:19	13701 SCHN_T2	4	5	1	0.28	0.26	-0.02	0	0	0	0	0	0	0	0
10/27/2023 14:20	52401 GRPA_T2	1	1	0	0.2	0.2	0	0	0	0	0	0	0	0	0
10/27/2023 14:20	66703 STRA_T1	0	0	0	0	0	0	-0.09	0	0	0	0	0	0	0
10/27/2023 14:20	14801 TREI_T2	87	103	16	0.32	0.47	0.15	0.23	0.25	0	0	0	0	0	0
10/27/2023 14:21	14802 TREI_T2	24	28	4	0.28	0.31	0.03	0.35	0.37	0	0	0	0	0	0
10/27/2023 14:21	60504 NMAN_T2	0	1	1	0	0.2	0.2	0	0	0	0	0	0	0	0
10/27/2023 14:21	65004 NEFF_T2	1	2	1	0.4	0.2	-0.2	-0.52	-0.54	0	0	0	0	0	0
10/27/2023 14:21	65604 QVIL_T2	0	0	0	0	0	0	0.42	0.52	0	0	0	0	0	0
10/27/2023 14:22	65604 QVIL_T2	0	0	0	0	0	0	0.42	0.52	0	0	0	0	0	0
10/27/2023 14:22	60803 BUCK_T1	85	97	12	0.25	0.28	0.03	0	0	0	0	0	0	0	0
10/27/2023 14:22	14802 TREI_T2	24	28	4	0.28	0.31	0.03	0.35	0.37	0	0	0	0	0	0
10/27/2023 14:23	60801 BUCK_T1	136	221	85	0.37	0.35	-0.02	0	0	0	0	0	0	0	0
10/27/2023 14:23	56801 BENV_T1	49	49	0	1.03	0.86	-0.17	-2.46	-2.5	3	3	0	1800	1800	0
10/27/2023 14:23	14802 TREI_T2	24	28	4	0.28	0.31	0.03	0.35	0.37	0	0	0	0	0	0
10/27/2023 14:23	29402 BELT_T1	2	1	-1	4.15	8.1	3.95	0	0	0	0	0	0	0	0
10/27/2023 14:24	60803 BUCK_T1	85	97	12	0.25	0.28	0.03	-0.84	-0.83	1	1	0	600	600	0
10/27/2023 14:24	29402 BELT_T1	2	1	-1	4.15	8.1	3.95	0	0	0	0	0	0	0	0
10/27/2023 14:24	14801 TREI_T2	87	103	16	0.32	0.47	0.15	0.23	0.25	0	0	0	0	0	0
10/27/2023 14:24	20401 ASHF_T2	4	5	1	0.23	0.32	0.09	0	0	0	0	0	0	0	0
10/27/2023 14:24	56802 BENV_T2	1	1	0	1.3	1.3	0	-0.71	-0.71	0	0	0	0	0	0
10/27/2023 14:24	56801 BENV_T1	49	49	0	1.03	0.86	-0.17	-1.64	-1.67	2	2	0	1200	1200	0
10/27/2023 14:25	60801 BUCK_T1	136	221	85	0.37	0.35	-0.02	-0.14	-0.16	0	0	0	0	0	0
10/27/2023 14:25	20401 ASHF_T2	4	5	1	0.23	0.32	0.09	0	0	0	0	0	0	0	0
10/27/2023 14:25	46001 BERW_T1	0	0	0	0	0	0	0.75	0.78	0	0	0	0	0	0
10/27/2023 14:25	56803 BENV_T1	2	1	-1	0.15	0.2	0.05	0	0	0	0	0	0	0	0
10/27/2023 14:25	56802 BENV_T2	1	1	0	1.3	1.3	0	-1.42	-1.42	0	0	0	0	0	0
10/27/2023 14:25	29402 BELT_T1	2	1	-1	4.15	8.1	3.95	0	0	0	0	0	0	0	0
10/27/2023 14:26	56801 BENV_T1	49	49	0	1.03	0.86	-0.17	-0.83	-0.85	1	1	0	600	600	0
10/27/2023 14:27	56801 BENV_T1	49	49	0	1.03	0.86	-0.17	-0.83	-0.85	1	1	0	600	600	0
10/27/2023 14:27	60201 ATGL_T2	0	0	0	0	0	0	0.45	0.41	0	0	0	0	0	0
10/27/2023 14:27	61302 EARL_T1	3	1	-2	0.83	0.3	-0.53	0	0	0	0	0	0	0	0
10/27/2023 14:27	67502 WEWI_T2	28	43	15	0.14	0.19	0.05	-0.41	-0.41	0	0	0	0	0	0
10/27/2023 14:28	67502 WEWI_T2	28	43	15	0.14	0.19	0.05	-0.41	-0.41	0	0	0	0	0	0
10/27/2023 14:28	56802 BENV_T2	1	1	0	1.3	1.3	0	-2.13	-2.13	0	0	0	0	0	0
10/27/2023 14:28	61303 EARL_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/27/2023 14:29	61304 EARL_T1	2	0	-2	0.15	0	-0.15	0	0	0	0	0	0	0	0
10/27/2023 14:29	67502 WEWI_T2	28	43	15	0.14	0.19	0.05	-0.41	-0.41	0	0	0	0	0	0
10/27/2023 14:29	67502 WEWI_T2	28	43	15	0.14	0.19	0.05	-0.41	-0.41	0	0	0	0	0	0
10/27/2023 14:30	45802 HEGI_T2	0	0	0	0	0	0	0.63	0.59	0	0	0	0	0	0
10/27/2023 14:30	67502 WEWI_T2	41	40	-1	0.13	0.19	0.06	0	0	0	0	0	0	0	0
10/27/2023 14:30	41802 GOCI_T2	0	1	1	0	0.1	0.1	0	0	0	0	0	0	0	0
10/27/2023 14:30	58402 MORO_T1	0	0	0	0	0	0	-1.2	-1.21	2	2	0	1500	1500	0
10/27/2023 14:31	67503 WEWI_T2	0	0	0	0	0	0	-0.45	-0.41	0	0	0	0	0	0
10/27/2023 14:31	67503 WEWI_T2	0	0	0	0	0	0	-0.45	-0.41	0	0	0	0	0	0
10/27/2023 14:31	58402 MORO_T1	0	0	0	0	0	0	-1.2	-1.21	2	2	0	1500	1500	0
10/27/2023 14:32	55002 NEWP_T1	6	7	1	0.58	0.86	0.28	-0.17	-0.23	0	0	0	0	0	0
10/27/2023 14:32	42903 MIDD_T2	2	1	-1	0.35	0.1	-0.25	0	0	0	0	0	0	0	0
10/27/2023 14:32	13302 ORVI_T2	1	4	3	0.3	0.38	0.08	0.98	1.03	0	0	0	0	0	0
10/27/2023 14:32	65601 QVIL_T2	0	5	5	0	0.2	0.2	0	0	0	0	0	0	0	0
10/27/2023 14:33	42903 MIDD_T2	2	1	-1	0.35	0.1	-0.25	0.2	0.31	0	0	0	0	0	0
10/27/2023 14:33	55002 NEWP_T1	6	7	1	0.58	0.86	0.28	-0.17	-0.23	0	0	0	0	0	0
10/27/2023 14:33	42902 MIDD_T2	0	2	2	0	0.45	0.45	-0.91	-0.9	1	1	0	600	600	0
10/27/2023 14:34	65004 NEFF_T2	2	3	1	0.2	0.2	0	0	0	0	0	0	0	0	0
10/27/2023 14:34	58402 MORO_T1	0	0	0	0	0	0	-1.2	-1.21	2	2	0	1500	1500	0
10/27/2023 14:35	42903 MIDD_T2	2	1	-1	0.35	0.1	-0.25	0	0	0	0	0	0	0	0
10/27/2023 14:35	66703 STRA_T1	0	0	0	0	0	0	0	-0.01	0	0	0	0	0	0
10/27/2023 14:36	65601 QVIL_T2	0	5	5	0	0.2	0.2	0	0	0	0	0	0	0	0
10/27/2023 14:36	46701 RENO_T1	1	0	-1	0.2	0	-0.2	0	0	0	0	0	0	0	0
10/27/2023 14:37	60502 NMAN_T2	0	0	0	0	0	0	-0.01	-0.13	0	0	0	0	0	0
10/27/2023 14:37	14802 TREI_T2	24	28	4	0.25	0.35	0.1	0.74	0.74	0	0	0	0	0	0

10/27/2023 14:46	45802 HEGI_T2	0	0	0	0	0	0	0.59	0.74	0	0	0	0	0	0
10/27/2023 14:47	67502 WEWI_T2	39	26	-13	0.19	0.22	0.03	-0.41	-0.39	0	0	0	0	0	0
10/27/2023 14:47	58402 MORO_T1	0	0	0	0	0	0	-2.42	-2.38	4	4	0	3000	3000	0
10/27/2023 14:47	42802 SELI_T1	5	5	0	0.52	0.58	0.06	-1.84	-1.78	2	2	0	1800	1800	0
10/27/2023 14:47	67502 WEWI_T2	39	26	-13	0.19	0.22	0.03	-0.41	-0.39	0	0	0	0	0	0
10/27/2023 14:47	13105 NHAM_T2	0	0	0	0	0	0	-0.26	-0.27	1	1	0	1200	1200	0
10/27/2023 14:48	42801 SELI_T1	1	1	0	0	0	0	0	0	0	0	0	0	0	0
10/27/2023 14:48	57303 MOAL_T2	1	1	0	7.8	7.6	-0.2	0	0	0	0	0	0	0	0
10/27/2023 14:48	46901 MNTG_T2	0	0	0	0	0	0	1.26	1.29	0	0	0	0	0	0
10/27/2023 14:48	55002 NEWP_T1	6	8	2	0.75	0.78	0.03	-0.46	-0.44	0	0	0	0	0	0
10/27/2023 14:48	60501 NMAN_T2	3	3	0	5.37	5.33	-0.04	0	0	0	0	0	0	0	0
10/27/2023 14:49	58402 MORO_T1	0	0	0	0	0	0	-1.21	-1.19	2	2	0	1500	1500	0
10/27/2023 14:49	15603 NSTR_T2	237	335	98	0.21	0.23	0.02	-0.61	-0.58	0	0	0	0	0	0
10/27/2023 14:50	46902 MNTG_T2	0	13	13	0	0.13	0.13	0	0	0	0	0	0	0	0
10/27/2023 14:50	67502 WEWI_T2	39	26	-13	0.19	0.22	0.03	-0.41	-0.39	0	0	0	0	0	0
10/27/2023 14:50	14802 TREI_T2	26	27	1	0.32	0.26	-0.06	0	0	0	0	0	0	0	0
10/27/2023 14:51	13704 SCHN_T2	6	6	0	0.35	0.2	-0.15	-0.71	-0.71	0	0	0	0	0	0
10/27/2023 14:52	13704 SCHN_T2	6	6	0	0.35	0.2	-0.15	-0.35	-0.35	0	0	0	0	0	0
10/27/2023 14:55	29402 BELT_T1	1	1	0	7.9	8	0.1	0	0	0	0	0	0	0	0
10/27/2023 14:55	42701 AUGU_T1	1	1	0	0.8	0.8	0	0	0	2	2	0	1800	1800	0
10/27/2023 14:56	46206 DANV_T2	1	2	1	2.3	1	-1.3	0	0	0	0	0	0	0	0
10/27/2023 14:57	29402 BELT_T1	1	1	0	7.9	8	0.1	0	0	0	0	0	0	0	0
10/27/2023 15:01	46602 LACR_T1	0	1	1	0	0.1	0.1	-0.89	-0.88	0	0	0	0	0	0
10/27/2023 15:06	65005 NEFF_T2	1	0	-1	0.1	0	-0.1	0	0	0	0	0	0	0	0
10/27/2023 15:09	63401 HONY_T1	0	0	0	0	0	0	0.67	0.65	0	0	0	0	0	0
10/27/2023 15:12	40603 PIGR_T1	2	6	4	0.35	0.27	-0.08	0.38	0.37	0	0	0	0	0	0
10/27/2023 15:14	45502 DERR_T2	1	1	0	0.7	0.4	-0.3	0	0	0	0	0	0	0	0
10/27/2023 15:16	52401 GRPA_T2	2	0	-2	0.1	0	-0.1	0	0	0	0	0	0	0	0
10/27/2023 15:16	56603 HAMP_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/27/2023 15:18	55002 NEWP_T1	8	8	0	0.74	0.73	-0.01	-0.23	-0.24	0	0	0	0	0	0
10/27/2023 15:18	52402 GRPA_T2	5	5	0	1.32	1.28	-0.04	0	0	0	0	0	0	0	0
10/27/2023 15:19	65003 NEFF_T2	85	93	8	0.18	0.17	-0.01	0	0	0	0	0	0	0	0
10/27/2023 15:21	52403 GRPA_T2	0	0	0	0	0	0	0.09	0.04	0	0	0	0	0	0
10/27/2023 15:21	46903 MNTG_T2	69	5	-64	0.28	0.28	0	0.25	0.17	1	1	0	600	600	0
10/27/2023 15:22	66703 STRA_T1	0	0	0	0	0	0	-0.02	0.04	0	0	0	0	0	0
10/27/2023 15:23	67605 WARW_T1	8	12	4	0.23	0.32	0.09	-1.08	-1.08	0	0	0	0	0	0
10/27/2023 15:25	45502 DERR_T2	1	1	0	0.7	0	-0.7	0	0	0	0	0	0	0	0
10/27/2023 15:25	56802 BENV_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/27/2023 15:26	56802 BENV_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/27/2023 15:27	61303 EARL_T1	0	0	0	0	0	0	0.2	0.21	0	0	0	0	0	0
10/27/2023 15:27	45501 DERR_T2	0	0	0	0	0	0	0.46	0.54	2	2	0	1800	1800	0
10/27/2023 15:28	61303 EARL_T1	0	0	0	0	0	0	0.2	0.21	0	0	0	0	0	0
10/27/2023 15:30	42902 MIDD_T2	1	1	0	0.4	0.3	-0.1	-0.9	-0.99	1	1	0	600	600	0
10/27/2023 15:31	42903 MIDD_T2	0	1	1	0	0.1	0.1	0	0	0	0	0	0	0	0
10/27/2023 15:32	59001 MIFF_T1	1	0	-1	0.4	0	-0.4	0	0	0	0	0	0	0	0
10/27/2023 15:32	52402 GRPA_T2	4	5	1	1.23	1.24	0.01	0	0	0	0	0	0	0	0
10/27/2023 15:33	55002 NEWP_T1	8	8	0	0.65	0.7	0.05	-0.24	-0.23	0	0	0	0	0	0
10/27/2023 15:38	56801 BENV_T1	48	44	-4	0.85	0.71	-0.14	-1.68	-1.68	2	2	0	1200	1200	0
10/27/2023 15:40	56801 BENV_T1	48	44	-4	0.85	0.71	-0.14	-0.84	-0.84	1	1	0	600	600	0
10/27/2023 15:41	56801 BENV_T1	48	44	-4	0.85	0.71	-0.14	-0.84	-0.85	1	1	0	600	600	0
10/27/2023 15:41	56802 BENV_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/27/2023 15:42	56803 BENV_T1	0	1	1	0	0.4	0.4	0	0	0	0	0	0	0	0
10/27/2023 15:42	56802 BENV_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/27/2023 15:43	56801 BENV_T1	48	44	-4	0.85	0.71	-0.14	-0.84	-0.85	1	1	0	600	600	0
10/27/2023 15:45	52403 GRPA_T2	0	0	0	0	0	0	0.1	0.05	0	0	0	0	0	0
10/27/2023 15:48	46903 MNTG_T2	1	1	0	0.1	0.2	0.1	0.07	0.11	1	1	0	600	600	0
10/27/2023 15:50	67204 TEHI_T2	0	0	0	0	0	0	-0.06	-0.11	0	0	0	0	0	0
10/27/2023 15:53	67204 TEHI_T2	0	0	0	0	0	0	-0.06	-0.11	0	0	0	0	0	0
10/27/2023 16:02	52403 GRPA_T2	0	0	0	0	0	0	0.05	0.01	0	0	0	0	0	0
10/27/2023 16:03	52402 GRPA_T2	4	5	1	1.3	1.4	0.1	0	0	0	0	0	0	0	0
10/27/2023 16:04	52402 GRPA_T2	4	4	0	1.3	1.4	0.1	0	0	0	0	0	0	0	0
10/27/2023 16:05	52403 GRPA_T2	0	0	0	0	0	0	0.05	0.01	0	0	0	0	0	0
10/27/2023 16:08	59101 WALK_T2	1	1	0	0	0	0	1.39	1.62	0	0	0	0	0	0
10/27/2023 16:09	59101 WALK_T2	1	1	0	0	0	0	1.39	1.62	0	0	0	0	0	0
10/27/2023 16:10	56802 BENV_T2	1	1	0	0.1	1.3	1.2	-1.4	-1.3	0	0	0	0	0	0
10/27/2023 16:10	45501 DERR_T2	0	2	2	0	0.1	0.1	0.49	0.49	2	2	0	1800	1800	0
10/27/2023 16:11	45501 DERR_T2	0	2	2	0	0.1	0.1	0.49	0.5	2	2	0	1800	1800	0
10/27/2023 16:13	56802 BENV_T2	1	1	0	0.1	1.3	1.2	-0.65	-0.68	0	0	0	0	0	0
10/27/2023 16:18	55002 NEWP_T1	6	5	-1	0.68	0.76	0.08	-0.25	-0.22	0	0	0	0	0	0
10/27/2023 16:24	59101 WALK_T2	1	1	0	0	0	0	1.62	1.49	0	0	0	0	0	0
10/27/2023 16:25	45501 DERR_T2	1	2	1	0.1	0.1	0	0.49	0.5	2	2	0	1800	1800	0
10/27/2023 16:26	45501 DERR_T2	1	2	1	0.1	0.1	0	0.5	0.48	2	2	0	1800	1800	0
10/27/2023 16:27	56802 BENV_T2	1	1	0	0.7	1.3	0.6	-0.68	-0.68	0	0	0	0	0	0
10/27/2023 16:27	45501 DERR_T2	1	2	1	0.1	0.1	0	0.5	0.48	2	2	0	1800	1800	0
10/27/2023 16:35	14404 SSLA_T1	3	6	3	0.17	0.17	0	0	0	0	0	0	0	0	0
10/27/2023 16:35	46903 MNTG_T2	0	67	67	0	0.26	0.26	0.04	0.07	1	1	0	600	600	0
10/27/2023 16:35	59202 THOM_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/27/2023 16:36	14404 SSLA_T1	3	6	3	0.17	0.17	0	0	0	0	0	0	0	0	0
10/27/2023 16:42	56802 BENV_T2	1	1	0	1.3	1.3	0	-1.36	-1.3	0	0	0	0	0	0
10/27/2023 16:43	56802 BENV_T2	1	1	0	1.3	1.3	0	-0.68	-0.65	0	0	0	0	0	0
10/27/2023 16:47	52404 GRPA_T2	0	1	1	0	0.4	0.4	0	0	0	0	0	0	0	0
10/27/2023 16:48	55002 NEWP_T1	4	6	2	0.8	0.98	0.18	-0.22	-0.21	0	0	0	0	0	0
10/27/2023 17:03	55002 NEWP_T1	4	6	2	0.93	0.92	-0.01	-0.21	-0.22	0	0	0	0	0	0
10/27/2023 17:05	52404 GRPA_T2	0	1	1	0	0.4	0.4	0	0	0	0	0	0	0	0
10/27/2023 17:09	59101 WALK_T2	1	1	0	0	0	0	1.54	1.59	0	0	0	0	0	0
10/27/2023 17:15	54502 ENOL_T2	0	0	0	0	0	0	-1.35	-1.33	0	0	0	0	0	0
10/27/2023 17:18	55002 NEWP_T1	6	5	-1	0.92	0.88	-0.04	-0.22	-0.22	0	0	0	0	0	0
10/27/2023 17:20	54204 PENN_T2	2	2	0	0.3	0.15	-0.15	0	0	0	0	0	0	0	0
10/27/2023 17:20	13901 SEID_T1	0	0	0	0	0	0	0.22	0.22	0	0	0	0	0	0
10/27/2023 17:33	55002 NEWP_T1	5	5	0	0.88	0.5	-0.38	-0.22	-0.21	0	0	0	0	0	0
10/27/2023 18:19	55002 NEWP_T1	6	6	0	0.42	0.67	0.25	-0.24	-0.21	0	0	0	0	0	0
10/27/2023 18:23	43401 BENT_T1	1	2	1	0.1	0.7	0.6	0	0	0	0	0	0	0	0
10/27/2023 18:52	65001 NEFF_T2	0	33	33	0	0.13	0.13	-1.03	-1.01	1	1	0	1200	1200	0
10/27/2023 19:05	26401 INOR_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/27/2023 19:06	42701 AUGU_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/27/2023 19:06	55002 NEWP_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/27/2023 19:06	46203 DANV_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/27/2023 19:06	46302 ROHR_T1	4	4	0	1.7	1.75	0.05	0	0	0	0	0	0	0	0
10/27/2023 19:09	23301 JEFF_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/27/2023 19:10	13302 ORVI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/27/2023 19:10	55002 NEWP_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/27/2023 19:11	45501 DERR_T2	1	2	1	0.7	0.3	-0.4	0	0	0	0	0	0	0	0
10/27/2023 19:11	65003 NEFF_T2	4	12	8	0.2	0.17	-0.03	0	0	0	0	0	0	0	0
10/27/2023 19:12	56802 BENV_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/27/2023 19:12	54505 ENOL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/27/2023 19:13	46004 BERW_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/27/2023 19:13	56802 BENV_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/27/2023 19:14	67502 WEWI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/27/2023 19:15	40602 PIGR_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/27/2023 19:15	60801 BUCK_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/27/2023 19:15	60201 ATGL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/27/2023 19:16	43304 WATS_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/27/2023 19:16	56802 BENV_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/27/2023 19:16	54701 NEBL_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/27/2023 19:16	46206 DANV_T2	1	1	0	0.5	0.1	-0.4	0	0	0	0	0	0	0	0
10/27/2023 19:17	45402 WBLO_T2	1	1	0	0.7	0.9	0.2	0	0	0	0	0	0	0	0
10/27/2023 19:17	45802 HEGI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/27/2023 19:19	54206 PENN_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/27/2023 19:19	63401 HONY_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/27/2023 19:19	42903 MIDD_T2	0	2	2	0	0.3	0.3	0	0	0	0	0	0	0	0
10/27/2023 19:19	57403 SPAN_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/27/2023 19:20	57403 SPAN_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/27/2023 19:20	40602 PIGR_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/27/2023 19:21	42903 MIDD_T2	0	2	2	0	0.3	0.3	0	0	0	0	0	0	0	0
10/27/2023 19:21	60801 BUCK_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/27/2023 19:22	61303 EARL_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/27/2023 19:22	53903 HALI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/27/2023 19:22	67401 WAKE_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/27/2023 19:22	56802 BENV_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/27/2023 19:23	51604 DUKE_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/27/2023 19:28	46001 BERW_T1	0	0	0	0	0	0	0.79	0.77	0	0	0	0	0	0
10/27/2023 20:01	52404 GRPA_T2	1	1	0	0.4	0.3	-0.1	0	0	0	0	0	0	0	0
10/27/2023 20:01	15603 NSTR_T2	0	0	0	0	0	0	-0.69	-0.66	0	0	0	0	0	0
10/27/2023 20:03	46302 ROHR_T1	4	4	0	1.83	2.13	0.3	0	0	0	0	0	0	0	0
10/27/2023 20:04	59101 WALK_T2	1	2	1	0	0	0	1.57	1.53	0	0	0	0	0	0
10/27/2023 20:04	45501 DERR_T2	0	1	1	0	0.4	0.4	0.58	0.49	2	2	0	1800	1800	0
10/27/2023 20:04	29402 BELT_T1	1	1	0	7.4	7.6	0.2	0	0	0	0	0	0	0	0
10/27/2023 20:05	25801 SUTR_T2	0	0	0	0	0	0	-0.1	-0.11	0	0	0	0	0	0
10/27/2023 20:05	60803 BUCK_T1	155	168	13	0.48	0.58	0.1	-0.92	-0.93	1	1	0	600	600	0
10/27/2023 20:05	58006 WCAR_T2	0	0	0	0	0	0	0.31	0.31	0	0	0	0	0	0
10/27/2023 20:05	29402 BELT_T1	1	1	0	7.4	7.6	0.2	0	0	0	0	0	0	0	0
10/27/2023 20:05	49803 UNIV_T1	0	0	0	0	0	0	-1.01	-1.07	0	0	0	0	0	0
10/27/2023 20:05	61303 EARL_T1	0	0	0	0	0	0	0.06	0.04	0	0	0	0	0	0
10/27/2023 20:05	59101 WALK_T2	1	2	1	0	0	0	1.57	1.53	0	0	0	0	0	0
10/27/2023 20:06	64201 KINZ_T1	324	423	99	0.7	0.69	-0.01	0	0	0	0	0	0	0	0
10/27/2023 20:06	64902 MILL_T2	0	0	0	0	0	0	0.35	0.31	0	0	0	0	0	0
10/27/2023 20:06	59202 THOM_T1	14	1	-13	0.14	0.1	-0.04	0	0	0	0	0	0	0	0
10/27/2023 20:06	65603 CIVIL_T2	1	12	11	0.1	0.12	0.02	0	0	0	0	0	0	0	0
10/27/2023 20:06	44801 EDAN_T2	1	1	0	0.6	0.2	-0.4	0	0	0	0	0	0	0	0
10/27/2023 20:06	56801 BENV_T1	40	38	-2	0.93	1.06	0.13	-0.83	-0.84	1	1	0	600	600	0
10/27/2023 20:06	59101 WALK_T2	1	2	1	0	0	0	1.57	1.53	0	0	0	0	0	0
10/27/2023 20:06	10805 CHHI_T2	1	1	0	7.7	7.6	-0.1	-0.7	-0.7	0	0	0	0	0	0
10/27/2023 20:07	14801 TREI_T2	17	2	-15	0.14	0.25	0.11	0.25	0.26	0	0	0	0	0	0
10/27/2023 20:07	65003 NEFF_T2	4	4	0	0.3	0.3	0	0	0	0	0	0	0	0	0
10/27/2023 20:07	55002 NEWP_T1	6	6	0	1.18	0.97	-0.21	-0.24	-0.24	0	0	0	0	0	0
10/27/2023 20:07	59101 WALK_T2	1	2	1	0	0	0	1.57	1.53	0	0	0	0	0	0
10/27/2023 20:07	56801 BENV_T1	40	38	-2	0.93	1.06	0.13	-0.83	-0.84	1	1	0	600	600	0
10/27/2023 20:07	56802 BENV_T2	2	67	65	0.9	0.17	-0.73	-0.64	-0.68	0	0	0	0	0	0
10/27/2023 20:07	14801 TREI_T2	17	2	-15	0.14	0.25	0.11	0.25	0.26	0	0	0	0	0	0
10/27/2023 20:08	42801 SELI_T1	1	1	0	0	0	0	0	0	0	0	0	0	0	0
10/27/2023 20:08	20401 ASHF_T2	1	1	0	0.1	0.1	0	0	0	0	0	0	0	0	0
10/27/2023 20:08	10801 CHHI_T1	0	0	0	0	0	0	-0.96	-0.96	1	1	0	900	900	0
10/27/2023 20:08	39601 LNFD_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/27/2023 20:08	13901 SEID_T1	0	0	0	0	0	0	0.16	0.17	0	0	0	0	0	0
10/27/2023 20:08	61202 REIN_T1	61	61	0	1.19	1.03	-0.16	0	0	0	0	0	0	0	0
10/27/2023 20:08	60201 ATGL_T2	62	163	101	0.21	0.33	0.12	0.39	0.35	0	0	0	0	0	0
10/27/2023 20:08	28403 HART_T2	0	0	0	0	0	0	-0.65	-0.65	1	1	0	900	900	0
10/27/2023 20:09	62604 ENGL_T1	1	2	1	0.1	0.2	0.1	-1.51	-1.51	1	1	0	600	600	0
10/27/2023 20:09	52404 GRPA_T2	1	1	0	0.4	0.3	-0.1	0	0	0	0	0	0	0	0
10/27/2023 20:09	57403 SPAN_T1	0	2	2	0	0.1	0.1	-0.04	0.01	0	0	0	0	0	0
10/27/2023 20:09	27502 WEIS_T2	0	1	1	0	0	0	-0.69	-0.68	0	0	0	0	0	0
10/27/2023 20:09	42201 SHEN_T2	0	0	0	0	0	0	0.63	0.64	0	0	0	0	0	0
10/27/2023 20:09	51604 DUKE_T2	0	0	0	0	0	0	-0.64	-0.64	0	0	0	0	0	0
10/27/2023 20:10	53601 DALM_T2	1	1	0	0.5	0.7	0.2	-0.04	-0.03	0	0	0	0	0	0
10/27/2023 20:10	67502 WEWI_T2	178	360	182	0.2	0.23	0.03	-0.47	-0.46	0	0	0	0	0	0
10/27/2023 20:10	14802 TREI_T2	6	6	0	0.2	0.22	0.02	0	0	0	0	0	0	0	0
10/27/2023 20:10	56801 BENV_T1	40	38	-2	0.93	1.06	0.13	-0.83	-0.84	1	0	-1	600	0	-600
10/27/2023 20:10	42903 MIDD_T2	2	2	0	0.55	0.6	0.05	0	0	0	0	0	0	0	0
10/27/2023 20:10	15001 BLMO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0

Appendix C - Grid Benefits Achieved in Each Instance of Active Management

10/27/2023 20:14	56802 BENV_T2	2	67	65	0.9	0.17	-0.73	-2.04	-1.92	0	0	0	0	0	0
10/27/2023 20:14	12701 MACU_T1	0	0	0	0	0	0	0	-0.01	0	0	0	0	0	0
10/27/2023 20:14	61101 BERK_T5	0	0	0	0	0	0	-0.99	-0.95	0	0	0	0	0	0
10/27/2023 20:14	15001 BLMO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/27/2023 20:15	42801 SELI_T1	1	1	0	0	0	0	0	0	0	0	0	0	0	0
10/27/2023 20:15	52403 GRPA_T2	2	2	0	0.8	0.6	-0.2	-0.12	-0.13	0	0	0	0	0	0
10/27/2023 20:15	56801 BENV_T1	38	17	-21	1.06	0.36	-0.7	-1.68	-0.4	2	0	-2	1200	0	-1200
10/27/2023 20:15	54501 ENOL_T2	3	3	0	0.1	0.17	0.07	0.1	0.11	0	0	0	0	0	0
10/27/2023 20:15	65003 NEFF_T2	4	0	-4	0.3	0	-0.3	0	0	0	0	0	0	0	0
10/27/2023 20:15	42701 AUGU_T1	0	1	1	0	0.2	0.2	0	0	2	2	0	1800	1800	0
10/27/2023 20:15	14801 TREI_T2	1	2	1	0.3	0.25	-0.05	0	0	0	0	0	0	0	0
10/27/2023 20:15	56603 HAMP_T1	2	13	11	0.1	0.1	0	0	0	0	0	0	0	0	0
10/27/2023 20:15	46803 HEPB_T2	1	0	-1	0.2	0	-0.2	0	0	0	0	0	0	0	0
10/27/2023 20:15	28604 BLYT_T2	0	0	0	0	0	0	-1.41	-1.43	0	0	0	0	0	0
10/27/2023 20:15	66505 SMAN_T2	0	0	0	0	0	0	0.31	0.26	2	2	0	1100	1100	0
10/27/2023 20:15	67502 WEWI_T2	360	50	-310	0.23	0.14	-0.09	-0.46	-0.47	0	0	0	0	0	0
10/27/2023 20:16	45003 LIME_2	2	2	0	2.5	2.55	0.05	0	0	1	1	0	1200	1200	0
10/27/2023 20:16	62606 ENGL_T1	1	0	-1	0.2	0	-0.2	0	0	0	0	0	0	0	0
10/27/2023 20:16	42802 SELI_T1	0	0	0	0	0	0	-2.15	-1.31	1	0	-1	900	0	-900
10/27/2023 20:16	12701 MACU_T1	0	0	0	0	0	0	0	-0.01	0	0	0	0	0	0
10/27/2023 20:16	66504 SMAN_T2	0	0	0	0	0	0	-0.32	-0.4	0	0	0	0	0	0
10/27/2023 20:16	56802 BENV_T2	67	1	-66	0.17	1.3	1.13	-1.36	-1.28	0	0	0	0	0	0
10/27/2023 20:16	46001 BERW_T1	0	0	0	0	0	0	0.75	0.81	0	0	0	0	0	0
10/27/2023 20:16	67502 WEWI_T2	360	50	-310	0.23	0.14	-0.09	0	0	0	0	0	0	0	0
10/27/2023 20:16	46803 HEPB_T2	3	2	-1	0.63	0.45	-0.18	0	0	0	0	0	0	0	0
10/27/2023 20:16	67204 TEHI_T2	39	16	-23	0.13	0.1	-0.03	0.09	0.08	0	0	0	0	0	0
10/27/2023 20:16	41901 REED_T1	1	3	2	0.1	0.2	0.1	-1.58	-1.6	1	1	0	900	900	0
10/27/2023 20:16	15001 BLMO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/27/2023 20:16	42701 AUGU_T1	0	1	1	0	0.2	0.2	0	0	2	2	0	1800	1800	0
10/27/2023 20:16	13302 ORVI_T2	13	13	0	0.15	0.15	0	0.85	0.99	0	0	0	0	0	0
10/27/2023 20:17	46801 HEPB_T2	3	2	-1	0.63	0.45	-0.18	0.64	0.62	0	0	0	0	0	0
10/27/2023 20:17	63401 HONY_T1	0	0	0	0	0	0	0.42	0.3	0	0	0	0	0	0
10/27/2023 20:17	15001 BLMO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/27/2023 20:17	46701 RENO_T1	24	0	-24	0.14	0	-0.14	0	0	0	0	0	0	0	0
10/27/2023 20:17	60803 BUCK_T1	167	146	-21	0.57	0.41	-0.16	-0.93	-0.93	1	1	0	600	600	0
10/27/2023 20:17	42701 AUGU_T1	0	1	1	0	0.2	0.2	0	0	2	2	0	1800	1800	0
10/27/2023 20:18	65502 MOJO_T2	1	0	-1	0.1	0	-0.1	0	0	0	0	0	0	0	0
10/27/2023 20:18	42201 SHEN_T2	0	0	0	0	0	0	0.64	0.65	0	0	0	0	0	0
10/27/2023 20:18	43301 WATS_T2	0	1	1	0	0.1	0.1	0	0	0	0	0	0	0	0
10/27/2023 20:18	42801 SELI_T1	1	1	0	0	0	0	0	0	0	0	0	0	0	0
10/27/2023 20:18	67502 WEWI_T2	360	50	-310	0.23	0.14	-0.09	0	0	0	0	0	0	0	0
10/27/2023 20:18	13704 SCHN_T2	0	0	0	0	0	0	-0.45	-0.45	0	0	0	0	0	0
10/27/2023 20:18	40101 HUNT_T2	0	0	0	0	0	0	-0.61	-0.64	0	0	0	0	0	0
10/27/2023 20:19	45702 LIND_T2	1	1	0	1.8	0.9	-0.9	-0.42	-0.47	0	0	0	0	0	0
10/27/2023 20:19	41902 REED_T1	0	0	0	0	0	0	0.99	1.03	0	0	0	0	0	0
10/27/2023 20:19	57304 MOAL_T2	20	40	20	0.23	0.32	0.09	-0.51	-0.49	0	0	0	0	0	0
10/27/2023 20:19	42802 SELI_T1	0	0	0	0	0	0	-4.29	-2.61	2	0	-2	1800	0	-1800
10/27/2023 20:19	45402 WBLO_T2	1	11	10	0.8	0.24	-0.56	-0.78	-0.77	0	0	0	0	0	0
10/27/2023 20:19	56603 HAMP_T1	2	13	11	0.1	0.1	0	0	0	0	0	0	0	0	0
10/27/2023 20:19	57401 SPAN_T1	2	2	0	1.1	1.3	0.2	0	0	0	0	0	0	0	0
10/27/2023 20:19	54206 PENN_T2	30	67	37	0.16	0.13	-0.03	0	0	0	0	0	0	0	0
10/27/2023 20:19	14802 TREI_T2	4	6	2	0.15	0.22	0.07	0.25	0.25	0	0	0	0	0	0
10/27/2023 20:19	15001 BLMO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/27/2023 20:19	56801 BENV_T1	38	17	-21	1.06	0.36	-0.7	-0.84	-0.2	1	0	-1	600	0	-600
10/27/2023 20:19	54701 NEBL_T1	6	6	0	0.55	0.32	-0.23	0	0	1	1	0	600	600	0
10/27/2023 20:20	56801 BENV_T1	38	17	-21	1.06	0.36	-0.7	-0.84	-0.2	1	0	-1	600	0	-600
10/27/2023 20:20	58402 MORO_T1	0	0	0	0	0	0	-1.2	-1.27	2	2	0	1500	1500	0
10/27/2023 20:20	14404 SSLA_T1	1	2	1	0.2	0.3	0.1	0	0	0	0	0	0	0	0
10/27/2023 20:20	62604 ENGL_T1	2	0	-2	0.2	0	-0.2	-1.51	-1.43	1	1	0	600	600	0
10/27/2023 20:20	44802 EDAN_T2	0	0	0	0	0	0	-0.88	-0.86	0	0	0	0	0	0
10/27/2023 20:20	42903 MIDD_T2	2	2	0	0.6	0.35	-0.25	-0.17	-0.16	0	0	0	0	0	0
10/27/2023 20:20	20403 ASHF_T2	0	0	0	0	0	0	0.12	0.11	0	0	0	0	0	0
10/27/2023 20:20	49804 UNIV_T1	0	1	1	0	0.2	0.2	0	0	0	0	0	0	0	0
10/27/2023 20:20	28604 BLYT_T2	0	0	0	0	0	0	-1.41	-1.43	0	0	0	0	0	0
10/27/2023 20:20	42801 SELI_T1	1	1	0	0	0	0	0	0	0	0	0	0	0	0
10/27/2023 20:20	64802 MONE_T2	29	0	-29	0.13	0	-0.13	-0.01	-0.01	0	0	0	0	0	0
10/27/2023 20:21	12701 MACU_T1	0	0	0	0	0	0	0	-0.01	0	0	0	0	0	0
10/27/2023 20:21	54505 ENOL_T2	1	1	0	1.2	1.2	0	0	0	0	0	0	0	0	0
10/27/2023 20:21	67402 WAKE_T2	50	2	-48	0.15	0.1	-0.05	0	0	0	0	0	0	0	0
10/27/2023 20:21	45802 HEGI_T2	0	0	0	0	0	0	0.29	0.47	0	0	0	0	0	0
10/27/2023 20:21	61802 LELI_T2	3	0	-3	0.1	0	-0.1	0	0	0	0	0	0	0	0
10/27/2023 20:22	40101 HUNT_T2	0	0	0	0	0	0	-0.61	-0.64	0	0	0	0	0	0
10/27/2023 20:22	42802 SELI_T1	0	0	0	0	0	0	-2.15	-1.31	1	0	-1	900	0	-900
10/27/2023 20:22	13704 SCHN_T2	0	0	0	0	0	0	-0.45	-0.45	0	0	0	0	0	0
10/27/2023 20:22	66703 STRA_T1	6	0	-6	0.33	0	-0.33	-0.21	-0.31	0	0	0	0	0	0
10/27/2023 20:23	51604 DUKE_T2	0	0	0	0	0	0	-0.64	-0.67	0	0	0	0	0	0
10/27/2023 20:23	58402 MORO_T1	0	0	0	0	0	0	-1.2	-1.27	2	2	0	1500	1500	0
10/27/2023 20:23	66504 SMAN_T2	0	0	0	0	0	0	-0.32	-0.4	0	0	0	0	0	0
10/27/2023 20:24	40101 HUNT_T2	0	0	0	0	0	0	-0.61	-0.64	0	0	0	0	0	0
10/27/2023 20:25	41901 REED_T1	1	3	2	0.1	0.2	0.1	0	0	0	0	0	0	0	0
10/27/2023 20:26	58402 MORO_T1	0	0	0	0	0	0	-1.27	-1.27	2	2	0	1500	1500	0
10/27/2023 21:09	28403 HART_T2	0	0	0	0	0	0	-0.67	-0.67	1	1	0	900	900	0
10/27/2023 22:16	42802 SELI_T1	0	1	1	0	1	1	-1.35	-1.37	0	0	0	0	0	0
10/27/2023 22:45	65001 NEFF_T2	0	0	0	0	0	0	-1.24	-1.29	1	1	0	1200	1200	0
10/28/2023 0:28	46901 MNTG_T2	0	0	0	0	0	0	0.09	0.14	0	0	0	0	0	0
10/28/2023 0:28	67201 TEHI_T1	0	0	0	0	0	0	-0.19	-0.22	1	1	0	900	900	0
10/28/2023 0:28	60501 NMAN_T2	3	3	0	4.67	5.37	0.7	0	0	0	0	0	0	0	0
10/28/2023 0:28	54504 ENOL_T2	0	0	0	1	0	0	-2.19	-2.25	1	1	0	600	600	0
10/28/2023 0:28	42902 MIDD_T2	0	25	25	0	0.2	0.2	-0.78	-0.8	0	0	0	0	0	0
10/28/2023 0:28	46903 MNTG_T2	0	0	2	0	0	0	0.34	0.36	0	0	0	0	0	0
10/28/2023 0:28	53902 HALI_T2	0	0	0	0	0	0	-0.98	-0.91	0	0	0	0	0	0
10/28/2023 0:28	45003 LIME_2	1	1	0	4	4.5	0.5	0	0	0	0	0	0	0	0
10/28/2023 0:28	46001 BERW_T1	0	0	0	0	0	0	0.57	0.59	0	0	0	0	0	0
10/28/2023 0:28	29401 BELT_T1	0	0	0	0	0	0	0	0	1	1	0	900	900	0
10/28/2023 0:28	56801 BENV_T1	29	33	4	1.13	1.35	0.22	-1.86	-1.92	2	2	0	1200	1200	0
10/28/2023 0:28	41902 REED_T1	0	0	0	0	0	0	0.7	0.7	0	0	0	0	0	0
10/28/2023 0:28	43402 BENT_T1	0	0	0	0	0	0	-0.97	-0.96	1	1	0	900	900	0
10/28/2023 0:28	15103 UPHA_T2	0	0	0	0	0	0	0.26	0.25	0	0	0	0	0	0
10/28/2023 0:28	59003 MIFF_T1	0	0	0	0	0	0	0.45	0.38	0	0	0	0	0	0
10/28/2023 0:28	54504 ENOL_T2	0	0	0	0	0	0	-2.19	-2.25	1	1	0	600	600	0
10/28/2023 0:28	41801 GOCI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/28/2023 0:28	42802 SELI_T1	1	1	0	7.4	7.4	0	0	0	0	0	0	0	0	0
10/28/2023 0:28	13105 NHAM_T2	0	0	0	0	0	0	-0.34	-0.32	1	1	0	1200	1200	0
10/28/2023 0:28	12701 MACU_T1	0	0	0	0	0	0	-0.04	-0.04	0	0	0	0	0	0
10/28/2023 0:28	42802 SELI_T1	1	1	0	1.6	1.9	0.3	-4.26	-4.35	0	0	0	0	0	0
10/28/2023 0:28	56501 ROCK_T2	11	11	0	0.49	0.77	0.28	-0.48	-0.49	0	0	0	0	0	0
10/28/2023 0:28	60201 ATGL_T2	0	0	0	0	0	0	1.13	1.08	0	0	0	0	0	0
10/28/2023 0:28	56802 BENV_T2	2	53	51	0.55	0.14	-0.41	-3.01	-3	0	0	0	0	0	0
10/28/2023 0:28	67203 TEHI_T1	0	0	0	0	0	0	1.41	1.39	0	0	0	0	0	0
10/28/2023 0:28	45501 DERR_T2	0	0	0	0	0	0	-1.18	-1.2	4	4	0	3600	3600	0
10/28/2023 0:28	15001 BLMO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/28/2023 0:32	65001 NEFF_T2	35	99	64	0.13	0.13	0	-1.34	-1.38	1	1	0	1200	1200	0
10/28/2023 6:57	46206 DANV_T2	0	2	2	0	0	0	0	0	0	0	0	0	0	0
10/28/2023 8:01	65001 NEFF_T2	0	0	0	0	0	0	-1.19	-1.12	1	1	0	1200	1200	0
10/28/2023 8:19	54701 NEBL_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/28/2023 8:31	46801 HEPB_T2	2	2	0	0.4	0.25	-0.15	0.53	0.54	0	0	0	0	0	0
10/28/2023 8:33	55002 NEWP_T1	2	2	0	0.3	0.4	0.1	-0.24	-0.24	0	0	0	0	0	0
10/28/2023 8:34	55002 NEWP_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/28/2023 8:35	67401 WAKE_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/28/2023 8:35	55002 NEWP_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/28/2023 8:37	13901 SEID_T1	0	0	0	0	0	0	0.13	0.15	0	0	0	0	0	0
10/28/2023 8:39	60201 ATGL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/28/2023 8:41	56802 BENV_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/28/2023 8:51	55002 NEWP_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/28/2023 8:54	55002 NEWP_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/28/2023 9:05	55002 NEWP_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/28/2023 9:11	40101 HUNT_T2	0	0	0	0	0	0	-0.58	-0.63	0	0	0	0	0	0
10/28/2023 9:16	54701 NEBL_T1	0	0	0	0	0	0	0	0	1	1	0	600	600	0
10/28/2023 9:19	52004 LING_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/28/2023 9:24	60801 BUCK_T1	37	46	9	0.22	0.18	-0.04	-0.18	-0.18	0	0	0	0	0	0
10/28/2023 9:26	45501 DERR_T2	0	0	0	0	0	0	-0.63	-0.6	2	2	0	1800	1800	0
10/28/2023 9:26	43402 BENT_T1	0	0	0	0	0	0	-0.97	-0.95	1	1	0	900	900	0
10/28/2023 9:28	45501 DERR_T2	0	0	0	0	0	0	-0.63	-0.6	2	2	0	1800	1800	0
10/28/2023 9:30	41801 GOCI_T2	6	178	172	0.1	0.43	0.33	0	0	2	2	0	1800	1800	0
10/28/2023 9:31	42001 MNVI_T2	0	0	0	0	0	0	-0.03	0	0	0	0	0	0	0
10/28/2023 9:32	52402 GRPA_T2	4	4	0	0.78	0.9	0.12	0	0	0	0	0	0	0	0
10/28/2023 9:32	55002 NEWP_T1	4	5	1	0.58	0.58	0	-0.22	-0.24	0	0	0	0	0	0
10/28/2023 9:33	55002 NEWP_T1	4	5	1	0.58	0.58	0	-0.22	-0.24	0	0	0	0	0	0
10/28/2023 9:34	13704 SCHN_T2	0	0	0	0	0	0	-0.37	-0.4	0	0	0	0	0	0
10/28/2023 9:34	43202 MVIL_T2	0	1	1	0	0.2	0.2	-0.72	-0.72	0	0	0	0	0	0
10/28/2023 9:35	43202 MVIL_T2	0	1	1	0	0.2	0.2	-0.72	-0.72	0	0	0	0	0	0
10/28/2023 9:36	65001 NEFF_T2	0	0	0	0	0	0	-1.12	-1.08	1	1	0	1200	1200	0
10/28/2023 9:37	56802 BENV_T2	13	34	21	0.19	0.15	-0.04	-1.45	-1.37	0	0	0	0	0	0
10/28/2023 9:38	56802 BENV_T2	13	34	21	0.19	0.15	-0.04	-1.45	-1.37	0	0	0	0	0	0
10/28/2023 9:39	56802 BENV_T2	13	34	21	0.19	0.15	-0.04	-1.45	-1.37	0	0	0	0	0	0
10/28/2023 9:39	49803 UNIV_T1	0	0	0	0	0	0	-1.03	-1	0	0	0	0	0	0
10/28/2023 9:44	10801 CHHI_T1	0	0	0	0	0	0	-0.89	-0.73	1	1	0	900	900	0
10/28/2023 9:47	55001 NEWP_T1	0	1	1	0	0	0	0	0	0	0	0	0	0	0
10/28/2023 9:48	64101 REFR_T1	0	0	0	0	0	0	-0.01	-0.01	0	0	0	0	0	0
10/28/2023 9:48	43201 MVIL_T2	0	0	0	0	0	0	-0.4	-0.4	0	0	0	0	0	0
10/28/2023 9:48	55002 NEWP_T1	3	6	3	0.23	0.65	0.42	-0.24	-0.21	0	0	0	0	0	0
10/28/2023 9:50	67204 TEHI_T2	1	7	6	0.2	0.16	-0.04	0.09	0.07	0	0	0	0	0	0
10/28/2023 9:51	41901 REED_T1	0	0	0	0	0	0	-2.04	-2.04	1	1	0	900	900	0
10/28/2023 9:51	67203 TEHI_T1	0	0	0	0	0	0	1.44	1.43	1	1	0	600	600	0
10/28/2023 9:52	67204 TEHI_T2	1	7	6	0.2	0.16	-0.04	0.09	0.07	0	0	0	0	0	0
10/28/2023 9:54	15001 BLMO_T1	1	0	-1	0.7	0	-0.7	0	0	0	0	0	0	0	0
10/28/2023 9:54	20403 ASHF_T2	0	1	1	0	0.2	0.2	0.15	0.14	0	0	0	0	0	0
10/28/2023 9:55	20403 ASHF_T2	0	1	1	0	0.2	0.2	0.15	0.14	0	0	0	0	0	0
10/28/2023 9:55	62605 ENGL_T1	0	1	1	0	0.1	0.1	0	0	0	0	0	0	0	0
10/28/2023 9:57	40101 HUNT_T2	0	0	0	0	0	0	-1.26	-1.44	0	0	0	0	0	0
10/28/2023 9:58	62604 ENGL_T1	0	0	0	0	0	0	-3.01	-2.83	2	2	0	1200	1200	0
10/28/2023 9:59	62604 ENGL_T1	0	0	0	0	0	0	-1.5	-1.41	1	1	0	600	600	0
10/28/2023 10:00	60801 BUCK_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/28/2023 10:00	26401 INOR_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/28/2023 10:00	42201 SHEN_T2	0	0	0	0	0	0	0.61	0.64	0	0	0	0	0	0
10/28/2023 10:00	67401 WAKE_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/28/2023 10:00	64101 REFR_T1	0	0	0	0	0	0	-0.01	0.04	0	0	0	0	0	0
10/28/2023 10:00	46204 DANV_T2	1	0	-1	0.2	0	-0.2	0	0	0	0	0	0	0	0
10/28/2023 10:00	56802 BENV_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/28/2023 10:00	58402 MORO_T1	0	0	0	0	0	0	-2.66	-2.58	4	4	0	3000	3000	0
10/28/2023 10:00	43304 WATS_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/28/2023 10:00	59102 WALK_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/28/2023 10:00	60201 ATGL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/28/2023 10:00	52403 GRPA_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/28/2023 10:00	20403 ASHF_T2	0	1	1	0	0.2	0.2	0	0	0	0	0	0	0	0
10/28/2023 10:00	40602 PIGR_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/28/2023 10:00	67204 TEHI_T2	7	1	-6	0.16	0.1	-0.06	0.07	0.09	0	0	0	0	0	0
10/28/2023 10:00	67604 WARW_T1	0	0	0	0	0	0	0.53	0.51	0	0	0	0	0	0
10/28/2023 10:00	46004 BERW_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/28/2023 10:00	56601 HAMP_T1	0	0	0	0	0	0	0	0	0	0	0

10/28/2023 10:14	12701 MACU_T1	0	0	0	0	0	0	0.02	0.03	0	0	0	0	0	0
10/28/2023 10:14	40902 JESH_T1	0	0	0	0	0	0	-0.51	-0.54	1	1	0	600	600	0
10/28/2023 10:14	62604 ENGL_T1	0	0	0	0	0	0	-1.41	-1.49	1	1	0	600	600	0
10/28/2023 10:15	62604 ENGL_T1	0	0	0	0	0	0	-2.83	-2.98	2	2	0	1200	1200	0
10/28/2023 10:16	40902 JESH_T1	0	0	0	0	0	0	-0.51	-0.54	1	1	0	600	600	0
10/28/2023 10:16	12701 MACU_T1	0	0	0	0	0	0	0.02	0.03	0	0	0	0	0	0
10/28/2023 10:18	55002 NEWP_T1	4	5	1	0.83	0.5	-0.33	-0.2	-0.21	0	0	0	0	0	0
10/28/2023 10:20	66703 STRA_T1	0	0	0	0	0	0	-0.17	-0.11	0	0	0	0	0	0
10/28/2023 10:20	43201 MVIL_T2	0	0	0	0	0	0	-0.39	-0.39	0	0	0	0	0	0
10/28/2023 10:20	43201 MVIL_T2	0	0	0	0	0	0	-0.39	-0.39	0	0	0	0	0	0
10/28/2023 10:20	65604 CVIL_T2	0	0	0	0	0	0	0.32	0.33	0	0	0	0	0	0
10/28/2023 10:21	66504 SMAN_T2	0	0	0	0	0	0	-1.49	-1.53	1	1	0	1200	1200	0
10/28/2023 10:21	66505 SMAN_T2	0	0	0	0	0	0	0.7	0.54	2	2	0	1100	1100	0
10/28/2023 10:21	13704 SCHN_T2	0	0	0	0	0	0	-0.73	-0.71	0	0	0	0	0	0
10/28/2023 10:22	13901 SEID_T1	0	0	0	0	0	0	0.18	0.18	0	0	0	0	0	0
10/28/2023 10:22	65604 QVIL_T2	0	0	0	0	0	0	0.32	0.33	0	0	0	0	0	0
10/28/2023 10:22	67502 WEWI_T2	3	6	3	0.13	0.27	0.14	-1.36	-1.32	1	1	0	900	900	0
10/28/2023 10:23	67502 WEWI_T2	3	6	3	0.13	0.27	0.14	-1.36	-1.32	1	1	0	900	900	0
10/28/2023 10:23	66505 SMAN_T2	0	0	0	0	0	0	0.7	0.54	2	2	0	1100	1100	0
10/28/2023 10:24	67502 WEWI_T2	3	6	3	0.13	0.27	0.14	-1.36	-1.32	1	1	0	900	900	0
10/28/2023 10:24	15001 BLMO_T1	0	2	2	0	0.25	0.25	0	0	0	0	0	0	0	0
10/28/2023 10:25	20403 ASHF_T2	1	0	-1	0.2	0	-0.2	0.15	0.24	0	0	0	0	0	0
10/28/2023 10:25	28604 BLYT_T2	0	0	0	0	0	0	-1.43	-1.39	0	0	0	0	0	0
10/28/2023 10:25	45402 WBLO_T2	0	1	1	0	0.6	0.6	0	0	0	0	0	0	0	0
10/28/2023 10:25	67502 WEWI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/28/2023 10:26	46206 DANV_T2	2	3	1	1	1	0	0	0	0	0	0	0	0	0
10/28/2023 10:26	61303 EARL_T1	0	0	0	0	0	0	0.1	0.12	0	0	0	0	0	0
10/28/2023 10:26	20403 ASHF_T2	1	0	-1	0.2	0	-0.2	0.24	0.18	0	0	0	0	0	0
10/28/2023 10:26	28604 BLYT_T2	0	0	0	0	0	0	-1.39	-1.41	0	0	0	0	0	0
10/28/2023 10:28	61303 EARL_T1	0	0	0	0	0	0	0.1	0.12	0	0	0	0	0	0
10/28/2023 10:29	52403 GRPA_T2	0	0	0	0	0	0	0.09	0.03	0	0	0	0	0	0
10/28/2023 10:29	40101 HUNT_T2	0	0	0	0	0	0	-1.46	-1.22	0	0	0	0	0	0
10/28/2023 10:30	45003 LIME_2	1	1	0	4.8	4.9	0.1	0	0	1	1	0	1200	1200	0
10/28/2023 10:30	12701 MACU_T1	0	0	0	0	0	0	0.03	0.02	0	0	0	0	0	0
10/28/2023 10:31	45003 LIME_2	1	1	0	4.8	4.9	0.1	0	0	1	1	0	1200	1200	0
10/28/2023 10:31	12701 MACU_T1	0	0	0	0	0	0	0.03	0.02	0	0	0	0	0	0
10/28/2023 10:32	52403 GRPA_T2	0	0	0	0	0	0	0.09	0.03	0	0	0	0	0	0
10/28/2023 10:33	46702 RENO_T1	0	0	0	0	0	0	-0.16	-0.17	0	0	0	0	0	0
10/28/2023 10:37	43301 WATS_T2	0	1	1	0	0.5	0.5	0	0	0	0	0	0	0	0
10/28/2023 10:38	43301 WATS_T2	0	1	1	0	0.5	0.5	-0.62	-0.59	1	1	0	900	900	0
10/28/2023 10:40	61803 EEU_T2	0	1	1	0	0.1	0.1	0	0	0	0	0	0	0	0
10/28/2023 10:40	40101 HUNT_T2	0	0	0	0	0	0	-0.73	-0.61	0	0	0	0	0	0
10/28/2023 10:40	43304 WATS_T2	0	0	0	0	0	0	0.78	-1.65	0	0	0	0	0	0
10/28/2023 10:41	43304 WATS_T2	0	0	0	0	0	0	-0.83	-0.82	0	0	0	0	0	0
10/28/2023 10:42	64203 KINZ_T1	0	0	0	0	0	0	0.59	0.62	0	0	0	0	0	0
10/28/2023 10:47	65001 NEFF_T2	0	0	0	0	0	0	-1.01	-0.93	1	1	0	1200	1200	0
10/28/2023 10:49	56501 ROCK_T2	4	6	2	0.13	0.23	0.1	-1.7	-1.62	0	0	0	0	0	0
10/28/2023 10:49	65001 NEFF_T2	0	0	0	0	0	0	-1.01	-0.93	1	1	0	1200	1200	0
10/28/2023 10:52	15001 BLMO_T1	2	2	0	0.25	0.3	0.05	0	0	0	0	0	0	0	0
10/28/2023 10:53	67401 WAKE_T2	2	2	0	0.25	0.35	0.1	-0.75	-0.71	0	0	0	0	0	0
10/28/2023 10:53	49803 UNIV_T1	0	0	0	0	0	0	-0.96	-0.96	0	0	0	0	0	0
10/28/2023 10:54	60201 ATGL_T2	0	1	1	0	0.1	0.1	1.23	0.41	0	0	0	0	0	0
10/28/2023 10:56	10602 BLGL_T2	0	0	0	0	0	0	0.4	0.43	0	0	0	0	0	0
10/28/2023 10:56	60201 ATGL_T2	0	1	1	0	0.1	0.1	0.41	0.42	0	0	0	0	0	0
10/28/2023 10:59	28403 HART_T2	0	0	0	0	0	0	-0.65	-0.61	1	1	0	900	900	0
10/28/2023 11:00	52002 LNG_T2	1	1	0	0.1	0.2	0.1	0	0	0	0	0	0	0	0
10/28/2023 11:02	58402 MORO_T1	0	0	0	0	0	0	-1.38	-1.4	2	2	0	1500	1500	0
10/28/2023 11:04	58402 MORO_T1	0	0	0	0	0	0	-1.38	-1.4	2	2	0	1500	1500	0
10/28/2023 11:04	44601 SALE_T2	0	0	0	0	0	0	-0.06	-0.04	0	0	0	0	0	0
10/28/2023 11:05	58402 MORO_T1	0	0	0	0	0	0	-1.38	-1.4	2	2	0	1500	1500	0
10/28/2023 11:05	54001 SDLE_T1	3	3	0	0.67	0.67	0	0	0	2	2	0	1200	1200	0
10/28/2023 11:06	44601 SALE_T2	0	0	0	0	0	0	-0.06	-0.04	0	0	0	0	0	0
10/28/2023 11:07	60803 BUCK_T1	3	8	5	0.13	0.11	-0.02	-0.84	-0.84	1	1	0	600	600	0
10/28/2023 11:08	15001 BLMO_T1	2	2	0	0.3	0.35	0.05	0	0	0	0	0	0	0	0
10/28/2023 11:08	60801 BUCK_T1	18	4	-14	0.15	0.2	0.05	0	0	0	0	0	0	0	0
10/28/2023 11:09	51604 DUKE_T2	1	2	1	0.1	0.45	0.35	-1.68	-1.65	1	1	0	900	900	0
10/28/2023 11:09	59101 WALK_T2	1	1	0	0	0	0	1.63	1.4	0	0	0	0	0	0
10/28/2023 11:14	52402 GRPA_T2	1	1	0	0.9	1.1	0.2	0	0	0	0	0	0	0	0
10/28/2023 11:17	15601 NSTR_T2	3	3	0	0.37	0.53	0.16	0	0	0	0	0	0	0	0
10/28/2023 11:22	41301 WATS_T2	1	1	0	0.4	0.3	-0.1	0	0	0	0	0	0	0	0
10/28/2023 11:22	45402 WBLO_T2	1	1	0	0.2	0.5	0.3	-0.64	-0.64	0	0	0	0	0	0
10/28/2023 11:22	60201 ATGL_T2	1	2	1	0.1	0.15	0.05	0.42	0.4	0	0	0	0	0	0
10/28/2023 11:23	13704 SCHN_T2	0	0	0	0	0	0	-0.33	-0.33	0	0	0	0	0	0
10/28/2023 11:23	56803 BENV_T1	1	1	0	0.1	0.3	0.2	0	0	0	0	0	0	0	0
10/28/2023 11:23	15001 BLMO_T1	2	2	0	0.3	0.35	0.05	0	0	0	0	0	0	0	0
10/28/2023 11:23	43304 WATS_T2	0	0	0	0	0	0	-0.73	-0.78	0	0	0	0	0	0
10/28/2023 11:23	67502 WEWI_T2	5	6	1	0.26	0.27	0.01	-1.26	-1.31	1	1	0	900	900	0
10/28/2023 11:24	67502 WEWI_T2	5	6	1	0.26	0.27	0.01	0	0	0	0	0	0	0	0
10/28/2023 11:24	56801 BENV_T1	28	26	-2	0.59	0.74	0.15	-0.8	-0.78	1	1	0	600	600	0
10/28/2023 11:24	59101 WALK_T2	1	1	0	0	0	0	2.81	3.02	0	0	0	0	0	0
10/28/2023 11:24	15001 BLMO_T1	2	2	0	0.3	0.35	0.05	0	0	0	0	0	0	0	0
10/28/2023 11:25	56803 BENV_T1	1	1	0	0.1	0.3	0.2	0	0	0	0	0	0	0	0
10/28/2023 11:26	56803 BENV_T1	1	1	0	0.1	0.3	0.2	0	0	0	0	0	0	0	0
10/28/2023 11:26	15001 BLMO_T1	2	2	0	0.3	0.35	0.05	0	0	0	0	0	0	0	0
10/28/2023 11:26	61801 EELI_T2	2	3	1	0.75	0.53	-0.22	-1.56	-1.5	2	2	0	1200	1200	0
10/28/2023 11:27	56801 BENV_T1	28	26	-2	0.59	0.74	0.15	-0.78	-0.75	1	1	0	600	600	0
10/28/2023 11:27	56802 BENV_T2	1	1	0	1.1	1.2	0.1	-1.3	-1.33	0	0	0	0	0	0
10/28/2023 11:27	15001 BLMO_T1	2	2	0	0.3	0.35	0.05	0	0	0	0	0	0	0	0
10/28/2023 11:28	56803 BENV_T1	1	1	0	0.1	0.3	0.2	0	0	0	0	0	0	0	0
10/28/2023 11:33	65604 QVIL_T2	0	0	0	0	0	0	0.37	0.38	0	0	0	0	0	0
10/28/2023 11:34	65001 NEFF_T2	0	0	0	0	0	0	-0.89	-0.93	1	1	0	1200	1200	0
10/28/2023 11:34	41901 REED_T1	0	1	1	0	0.1	0.1	0	0	0	0	0	0	0	0
10/28/2023 11:34	13704 SCHN_T2	0	1	1	0	0.1	0.1	-0.67	-0.63	0	0	0	0	0	0
10/28/2023 11:34	59001 MIFF_T1	0	1	1	0	0.2	0.2	0	0	0	0	0	0	0	0
10/28/2023 11:35	13901 SEID_T1	0	0	0	0	0	0	0.25	0.25	0	0	0	0	0	0
10/28/2023 11:35	41901 REED_T1	0	1	1	0	0.1	0.1	0	0	0	0	0	0	0	0
10/28/2023 11:35	59003 MIFF_T1	0	0	0	0	0	0	0.23	0.23	0	0	0	0	0	0
10/28/2023 11:36	41901 REED_T1	0	1	1	0	0.1	0.1	-2.05	-2.02	1	1	0	900	900	0
10/28/2023 11:36	54001 SDLE_T1	2	4	2	0.95	0.6	-0.35	0	0	2	2	0	1200	1200	0
10/28/2023 11:37	65604 QVIL_T2	0	0	0	0	0	0	0.37	0.38	0	0	0	0	0	0
10/28/2023 11:38	60803 BUCK_T1	7	3	-4	0.11	0.2	0.09	0	0	0	0	0	0	0	0
10/28/2023 11:38	41902 REED_T1	0	0	0	0	0	0	0.87	0.87	0	0	0	0	0	0
10/28/2023 11:38	10602 BLGL_T2	0	0	0	0	0	0	0.44	0.47	0	0	0	0	0	0
10/28/2023 11:38	59202 THOM_T1	1	2	1	0.2	0.25	0.05	0	0	0	0	0	0	0	0
10/28/2023 11:39	20403 ASHF_T2	1	1	0	0.5	0.1	-0.4	0.17	0.16	0	0	0	0	0	0
10/28/2023 11:39	66703 STRA_T1	0	0	0	0	0	0	-0.06	-0.01	0	0	0	0	0	0
10/28/2023 11:40	61801 EELI_T2	3	3	0	0.53	0.53	0	-0.78	-0.75	1	1	0	600	600	0
10/28/2023 11:40	60803 BUCK_T1	7	3	-4	0.11	0.2	0.09	-0.84	-0.78	1	1	0	600	600	0
10/28/2023 11:40	20403 ASHF_T2	1	1	0	0.5	0.1	-0.4	0.17	0.16	0	0	0	0	0	0
10/28/2023 11:41	60803 BUCK_T1	7	3	-4	0.11	0.2	0.09	0	0	0	0	0	0	0	0
10/28/2023 11:41	51604 DUKE_T2	2	2	0	0.35	0.5	0.15	-3.25	-3.27	2	2	0	1800	1800	0
10/28/2023 11:42	60801 BUCK_T1	4	13	9	0.2	0.18	-0.02	0	0	0	0	0	0	0	0
10/28/2023 11:43	60801 BUCK_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/28/2023 11:44	54505 ENOL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/28/2023 11:51	13901 SEID_T1	0	0	0	0	0	0	0.25	0.25	0	0	0	0	0	0
10/28/2023 11:52	46702 RENO_T1	0	0	0	0	0	0	-0.14	-0.13	0	0	0	0	0	0
10/28/2023 11:59	10602 BLGL_T2	0	0	0	0	0	0	0.43	0.24	0	0	0	0	0	0
10/28/2023 12:04	51201 MTON_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/28/2023 12:05	65604 QVIL_T2	0	0	0	0	0	0	0.37	0.36	0	0	0	0	0	0
10/28/2023 12:07	65604 QVIL_T2	0	0	0	0	0	0	0.37	0.36	0	0	0	0	0	0
10/28/2023 12:18	46702 RENO_T1	0	0	0	0	0	0	-0.14	-0.14	0	0	0	0	0	0
10/28/2023 12:35	14802 TREI_T2	0	1	1	0	0.5	0.5	0.37	0.38	0	0	0	0	0	0
10/28/2023 12:36	14802 TREI_T2	0	1	1	0	0.5	0.5	0.37	0.38	0	0	0	0	0	0
10/28/2023 12:39	60801 BUCK_T1	2	1	-1	0.35	0.3	-0.05	-0.09	-0.09	0	0	0	0	0	0
10/28/2023 12:40	61103 BERK_T5	0	0	0	0	0	0	0.64	-1.8	0	0	0	0	0	0
10/28/2023 12:41	60801 BUCK_T1	2	1	-1	0.35	0.3	-0.05	-0.09	-0.08	0	0	0	0	0	0
10/28/2023 12:42	54501 ENOL_T2	0	0	0	0	0	0	-0.49	-0.5	1	1	0	600	600	0
10/28/2023 12:42	60803 BUCK_T1	0	0	0	0	0	0	-0.67	-0.65	1	1	0	600	600	0
10/28/2023 12:42	54504 ENOL_T2	0	1	1	0	0.1	0.1	0	0	0	0	0	0	0	0
10/28/2023 12:42	15001 BLMO_T1	1	2	1	0.4	0.4	0	0	0	0	0	0	0	0	0
10/28/2023 12:43	54505 ENOL_T2	1	1	0	0.1	0.5	0.4	0	0	0	0	0	0	0	0
10/28/2023 12:43	60803 BUCK_T1	0	0	0	0	0	0	-0.67	-0.65	1	1	0	600	600	0
10/28/2023 12:44	54503 ENOL_T2	0	0	0	0	0	0	-0.97	-0.94	1	1	0	600	600	0
10/28/2023 12:44	54504 ENOL_T2	0	1	1	0	0.1	0.1	0	0	0	0	0	0	0	0
10/28/2023 12:58	42503 ALTA_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/28/2023 13:04	13901 SEID_T1	0	0	0	0	0	0	0.29	0.3	0	0	0	0	0	0
10/28/2023 13:14	65001 NEFF_T2	0	0	0	0	0	0	-0.81	-0.91	1	1	0	1200	1200	0
10/28/2023 13:21	54001 SDLE_T1	1	1	0	1.5	1.3	-0.2	0	0	2	2	0	1200	1200	0
10/28/2023 13:24	67502 WEWI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/28/2023 13:32	26401 INOR_T1	2	17	15	0.15	0.12	-0.03	0	0	0	0	0	0	0	0
10/28/2023 13:34	52501 PROG_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/28/2023 13:39	42503 ALTA_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/28/2023 13:40	20403 ASHF_T2	0	0	0	0	0	0	0.24	0.24	0	0	0	0	0	0
10/28/2023 13:41	20403 ASHF_T2	0	0	0	0	0	0	0.24	0.24	0	0	0	0	0	0
10/28/2023 13:41	52402 GRPA_T2	1	1	0	2.5	2.8	0.3	0	0	0	0	0	0	0	0
10/28/2023 13:43	56801 BENV_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/28/2023 13:47	23301 JEFF_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/28/2023 13:47	26401 INOR_T1	0	18	18	0	0.12	0.12	0	0	0	0	0	0	0	0
10/28/2023 13:48	42201 SHEN_T2	0	0	0	0	0	0	0.64	0.64	0	0	0	0	0	0
10/28/2023 13:49	46302 ROHR_T1	4	4	0	1.33	1.7	0.37	0	0	0	0	0	0	0	0
10/28/2023 13:49	63203 MGTN_T1	0	0	0	0	0	0	-0.16	-0.17	1	1	0	600	600	0
10/28/2023 13:49	51201 MTON_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/28/2023 13:49	52501 PROG_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/28/2023 13:54	60801 BUCK_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/28/2023 13:56	60801 BUCK_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/28/2023 13:57	46206 DANV_T2	3	4	1	0.93	1.1	0.17	0	0	0	0	0	0	0	0
10/28/2023 14:03	65503 MOJO_T2	0	0	0	0	0	0	-0.62	-0.64	1	1	0	900	900	0
10/28/2023 14:04	65503 MOJO_T2	0	0	0	0	0	0	-0.62	-0.64	1	1	0	900	900	0
10/28/2023 14:05	46302 ROHR_T1	4	4	0	1.03	1.75	0.72	0	0	0	0	0	0	0	0
10/28/2023 14:09	60801 BUCK_T1	1	1	0	0.1	0.2	0.1	-0.03	-0.04	0	0	0	0	0	0
10/28/2023 14:10	43301 WATS_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/28/2023 14:11	20403 ASHF_T2	0	0	0	0	0	0	0.32	0.24	0	0	0	0	0	0
10/28/2023 14:12	40901 JESH_T1	1	1	0	0.1	0	-0.1	0	0	0	0	0	0	0	0
10/28/2023 14:12	20403 ASHF_T2	0	0	0	0	0	0	0.32	0.24	0	0	0	0	0	0
10/28/2023 14:13	64203 KINZ_T1	0	0	0	0	0	0	0.37	0.41	0	0	0	0	0	0
10/28/2023 14:15	45003 LIME_2	1	1	0	4.7	4.8	0.1	0	0	1	1	0	1200	1200	0
10/28/2023 14:16	40901 JESH_T1	0	1	1	0	0.1	0.1	0	0	0	0	0	0	0	0
10/28/2023 14:17	45003 LIME_2	1	1	0	4.7	4.8	0.1	0	0	1	1	0	1200	1200	0
10/28/2023 14:22	59101 WALK_T2	1	1	0	0	0	0	1.02	1.35	0	0	0	0	0	0
10/28/2023 14:23	20403 ASHF_T2	0	0	0	0	0	0	0.32	0.24	0	0	0	0	0	0
10/28/2023 14:23	13901 SEID_T1	0	0	0	0	0	0	0.33	0.3	0	0	0	0	0	0
10/28/2023 14:23	59101 WALK_T2	1	1	0	0	0	0	3.05	4.04	0	0	0	0	0	0
10/28/2023 14:24	59101 WALK_T2	1	1	0	0	0	0	1.02	1.35	0	0	0	0	0	0
10/28/2023 14:25	60801 BUCK_T1	1	0	-1	0.2	0	-0.2	-0.04	-0.02	0	0	0	0	0	0
10/28/2023 14:25	67502 WEWI_T2	1	1	0	0.1	0.3	0.2	-1.24	-1.23	1	0	-1	900	0	-900
10/28/2023 14:25	59101 WALK_T2	1	1	0	0	0	0	1.02	1.35	0	0	0	0	0	0
10/28/2023 14:26	56802 BENV_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/28/2023 14:26	67502 WEWI_T2	1	1	0	0.1	0.3	0.2	-2.47	-2.45	2	0	-2	1800	0	-1800
10/28/2023 14:27	20402 ASHF_T2	0	2	2	0	0.15	0.15	0	0	0	0	0	0

10/28/2023 14:44	46203 DANV_T2	2	0	-2	1.35	0	-1.35	0	0	0	0	0	0	0
10/28/2023 14:44	46801 HEPB_T2	2	1	-1	0.2	0.1	-0.1	0.7	0.69	0	0	0	0	0
10/28/2023 14:46	42001 MNVL_T2	0	0	0	0	0	0	0.14	0.16	0	0	0	0	0
10/28/2023 14:47	45003 LIME_2	1	2	1	4.8	4.9	0.1	0	0	1	1	0	1200	1200
10/28/2023 14:48	65001 NEFF_T2	0	0	0	0	0	0	-0.89	-0.82	1	1	0	1200	1200
10/28/2023 14:49	13704 SCHN_T2	0	0	0	0	0	0	-0.29	-0.29	0	0	0	0	0
10/28/2023 14:49	45003 LIME_2	1	2	1	4.8	4.9	0.1	0	0	1	1	0	1200	1200
10/28/2023 14:49	56604 HAMP_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
10/28/2023 14:50	56604 HAMP_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
10/28/2023 14:51	15103 UPHA_T2	0	1	1	0	0.3	0.3	0.55	0.49	0	0	0	0	0
10/28/2023 14:51	13105 NHAM_T2	0	0	0	0	0	0	-0.08	-0.09	1	1	0	1200	1200
10/28/2023 14:52	16302 ALPA_T2	0	0	0	0	0	0	1.63	1.47	0	0	0	0	0
10/28/2023 14:52	13704 SCHN_T2	0	0	0	0	0	0	-0.29	-0.29	0	0	0	0	0
10/28/2023 14:53	66703 STRA_T1	0	0	0	0	0	0	0.16	0.11	0	0	0	0	0
10/28/2023 14:53	13704 SCHN_T2	0	0	0	0	0	0	-0.29	-0.29	0	0	0	0	0
10/28/2023 14:53	46302 ROHR_T1	4	4	0	1.1	1.5	0.4	0	0	0	0	0	0	0
10/28/2023 14:53	16302 ALPA_T2	0	0	0	0	0	0	0.81	0.74	0	0	0	0	0
10/28/2023 14:54	67503 WEWI_T2	0	0	0	0	0	0	-0.14	-0.12	0	0	0	0	0
10/28/2023 14:54	29401 BELT_T1	0	0	0	0	0	0	0	0	1	1	0	900	900
10/28/2023 14:54	67502 WEWI_T2	1	0	-1	0.3	0	-0.3	-1.22	-1.18	1	0	-1	900	0
10/28/2023 14:55	29401 BELT_T1	0	0	0	0	0	0	0	0	1	1	0	900	900
10/28/2023 14:55	16302 ALPA_T2	0	0	0	0	0	0	0.81	0.74	0	0	0	0	0
10/28/2023 14:56	67502 WEWI_T2	1	0	-1	0.3	0	-0.3	-1.18	-1.25	1	0	-1	900	0
10/28/2023 14:57	40101 HUNT_T2	0	0	0	0	0	0	-0.59	-0.61	0	0	0	0	0
10/28/2023 14:57	67502 WEWI_T2	1	0	-1	0.3	0	-0.3	-1.18	-1.25	1	0	-1	900	0
10/28/2023 14:58	40901 JESH_T1	1	1	0	0.1	0	-0.1	0	0	0	0	0	0	0
10/28/2023 15:00	52402 GRPA_T2	1	1	0	3.3	2.9	-0.4	0	0	0	0	0	0	0
10/28/2023 15:00	40901 JESH_T1	1	0	-1	0.1	0	-0.1	0	0	0	0	0	0	0
10/28/2023 15:00	25402 LAHA_T2	0	0	0	0	0	0	-0.65	-0.72	0	0	0	0	0
10/28/2023 15:02	52403 GRPA_T2	2	2	0	0.2	0.6	0.4	-0.77	-0.77	0	0	0	0	0
10/28/2023 15:03	46301 ROHR_T1	0	0	0	0	0	0	0.15	0.18	0	0	0	0	0
10/28/2023 15:04	29402 BELT_T1	1	1	0	7.7	7.8	0.1	0	0	0	0	0	0	0
10/28/2023 15:08	13704 SCHN_T2	0	0	0	0	0	0	-0.29	-0.31	0	0	0	0	0
10/28/2023 15:09	43302 WATS_T2	0	2	2	0	0.1	0.1	0	0	0	0	0	0	0
10/28/2023 15:10	67503 WEWI_T2	0	0	0	0	0	0	-0.12	-0.28	0	0	0	0	0
10/28/2023 15:10	29401 BELT_T1	0	0	0	0	0	0	0	0	1	1	0	900	900
10/28/2023 15:11	43301 WATS_T2	0	1	1	0	0.2	0.2	-0.55	-0.54	1	1	0	900	900
10/28/2023 15:12	67503 WEWI_T2	0	0	0	0	0	0	-0.28	-0.03	0	0	0	0	0
10/28/2023 15:13	40101 HUNT_T2	0	1	1	0	0	0	-0.61	-0.59	0	0	0	0	0
10/28/2023 15:19	58402 MORO_T1	0	0	0	0	0	0	-1.24	-1.28	2	2	0	1500	1500
10/28/2023 15:21	58402 MORO_T1	0	0	0	0	0	0	-1.24	-1.28	2	2	0	1500	1500
10/28/2023 15:25	28604 BLYT_T2	0	0	0	0	0	0	-1.41	-1.4	0	0	0	0	0
10/28/2023 15:28	56802 BENV_T2	1	0	-1	0.9	0.8	-0.1	-1.28	-1.25	0	0	0	0	0
10/28/2023 15:29	45501 DERR_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
10/28/2023 15:32	55002 NEWP_T1	3	2	-1	0.3	0.55	0.25	-0.2	-0.18	0	0	0	0	0
10/28/2023 15:38	43301 WATS_T2	1	1	0	0.1	0.2	0.1	0	0	0	0	0	0	0
10/28/2023 15:40	43301 WATS_T2	1	1	0	0.1	0.2	0.1	0	0	0	0	0	0	0
10/28/2023 15:40	56801 BENV_T1	0	0	0	0	0	0	-0.71	-0.71	1	1	0	600	600
10/28/2023 15:40	66703 STRA_T1	0	0	0	0	0	0	0.06	0.09	0	0	0	0	0
10/28/2023 15:41	56801 BENV_T1	0	1	1	0	2.7	2.7	0	0	0	0	0	0	0
10/28/2023 15:42	56801 BENV_T1	0	0	0	0	0	0	-0.71	-0.67	1	1	0	600	600
10/28/2023 15:47	55002 NEWP_T1	2	3	1	0.55	0.33	-0.22	-0.18	-0.22	0	0	0	0	0
10/28/2023 15:47	45003 LIME_2	1	0	-1	0.1	0	-0.1	0	0	0	0	0	0	0
10/28/2023 15:51	65604 QVIL_T2	0	0	0	0	0	0	0.44	0.42	0	0	0	0	0
10/28/2023 15:52	65604 QVIL_T2	0	0	0	0	0	0	0.44	0.42	0	0	0	0	0
10/28/2023 16:03	55002 NEWP_T1	2	3	1	0.45	0.33	-0.12	-0.22	-0.22	0	0	0	0	0
10/28/2023 16:06	52403 GRPA_T2	2	2	0	0.5	0.4	-0.1	-0.7	-0.77	0	0	0	0	0
10/28/2023 16:16	52402 GRPA_T2	1	1	0	1.6	1.8	0.2	0	0	0	0	0	0	0
10/28/2023 16:17	55002 NEWP_T1	3	2	-1	0.33	0.25	-0.08	-0.22	-0.21	0	0	0	0	0
10/28/2023 16:18	52403 GRPA_T2	2	2	0	0.4	0.3	-0.1	-0.77	-0.8	0	0	0	0	0
10/28/2023 16:22	29402 BELT_T1	1	1	0	7.9	8.1	0.2	0	0	0	0	0	0	0
10/28/2023 16:24	45501 DERR_T2	1	0	-1	0.1	0	-0.1	-0.58	-0.53	2	2	0	1800	1800
10/28/2023 16:25	45501 DERR_T2	1	0	-1	0.1	0	-0.1	-0.58	-0.53	2	2	0	1800	1800
10/28/2023 16:32	52403 GRPA_T2	2	0	-2	0.3	0	-0.3	-0.8	-0.79	0	0	0	0	0
10/28/2023 16:33	55002 NEWP_T1	2	1	-1	0.25	0.2	-0.05	-0.21	-0.2	0	0	0	0	0
10/28/2023 16:50	52402 GRPA_T2	1	1	0	1.8	0.9	-0.9	0	0	0	0	0	0	0
10/28/2023 17:02	55002 NEWP_T1	1	2	1	0.1	0.35	0.25	-0.21	-0.22	0	0	0	0	0
10/28/2023 17:18	55002 NEWP_T1	2	1	-1	0.35	0.2	-0.15	-0.22	-0.21	0	0	0	0	0
10/28/2023 17:35	66901 SHIL_T2	21	193	172	0.12	0.29	0.17	-2.54	-2.52	1	1	0	1200	1200
10/28/2023 18:24	46203 DANV_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
10/28/2023 18:26	46004 BERW_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
10/28/2023 18:32	41901 REED_T1	3	3	0	0.2	0.33	0.13	0	0	0	0	0	0	0
10/28/2023 18:34	41902 REED_T1	7	0	-7	0.9	0	-0.9	0.83	0.8	0	0	0	0	0
10/28/2023 18:35	41902 REED_T1	7	0	-7	0.9	0	-0.9	0.83	0.8	0	0	0	0	0
10/28/2023 18:44	45402 WBLO_T2	1	1	0	0.7	1.1	0.4	0	0	0	0	0	0	0
10/28/2023 18:46	46206 DANV_T2	2	2	0	0.5	0.35	-0.15	0	0	0	0	0	0	0
10/28/2023 18:50	43302 WATS_T2	0	3	3	0	0.13	0.13	0	0	0	0	0	0	0
10/28/2023 18:53	46206 DANV_T2	2	2	0	0.5	0.35	-0.15	0	0	0	0	0	0	0
10/28/2023 18:53	43302 WATS_T2	0	3	3	0	0.13	0.13	0	0	0	0	0	0	0
10/28/2023 18:56	23301 JEFF_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
10/28/2023 18:59	46301 ROHR_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
10/28/2023 18:59	45501 DERR_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
10/28/2023 18:59	42503 ALTA_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
10/28/2023 19:01	26401 INOR_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
10/28/2023 19:03	55002 NEWP_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
10/28/2023 19:04	43301 WATS_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
10/28/2023 19:05	55002 NEWP_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
10/28/2023 19:06	52004 LING_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
10/28/2023 19:06	56802 BENV_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
10/28/2023 19:08	40602 PGR_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
10/28/2023 19:09	60801 BUCK_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
10/28/2023 19:09	67502 WEWI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
10/28/2023 19:09	56802 BENV_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
10/28/2023 19:09	60201 ATGL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
10/28/2023 19:09	54701 NEBL_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
10/28/2023 19:09	52501 PROG_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
10/28/2023 19:10	56802 BENV_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
10/28/2023 19:12	44601 SALE_T2	0	1	1	0	0.1	0.1	-0.17	-0.08	0	0	0	0	0
10/28/2023 19:13	40602 PGR_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
10/28/2023 19:14	56801 BENV_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
10/28/2023 19:15	51201 MTON_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
10/28/2023 19:15	67401 WAKE_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
10/28/2023 19:16	60801 BUCK_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
10/28/2023 19:20	44601 SALE_T2	1	1	0	0.1	0.1	0	-0.17	-0.08	0	0	0	0	0
10/28/2023 19:20	61303 EARL_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
10/28/2023 19:21	51604 DUKE_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
10/28/2023 19:21	56802 BENV_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
10/28/2023 19:26	28604 BLYT_T2	0	0	0	0	0	0	-1.43	-1.41	0	0	0	0	0
10/28/2023 19:27	49803 UNIV_T1	0	0	0	0	0	0	-0.99	-1.09	0	0	0	0	0
10/28/2023 19:30	28403 HART_T2	0	0	0	0	0	0	-0.63	-0.62	1	1	0	900	900
10/28/2023 19:30	28604 BLYT_T2	0	0	0	0	0	0	-1.43	-1.41	0	0	0	0	0
10/28/2023 19:32	46203 DANV_T2	0	0	0	0	0	0	-0.18	-0.18	0	0	0	0	0
10/28/2023 19:32	15001 BLMO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
10/28/2023 19:33	62604 ENGL_T1	0	0	0	0	0	0	-1.35	-1.4	1	1	0	600	600
10/28/2023 19:38	28403 HART_T2	0	0	0	0	0	0	-0.63	-0.62	1	1	0	900	900
10/28/2023 19:41	43304 WATS_T2	0	0	0	0	0	0	-0.61	-0.62	0	0	0	0	0
10/28/2023 19:44	45501 DERR_T2	0	0	0	0	0	0	-0.75	-0.58	2	2	0	1800	1800
10/28/2023 19:45	45501 DERR_T2	0	1	1	0	0	0	-0.75	-0.58	2	2	0	1800	1800
10/28/2023 19:46	45402 WBLO_T2	1	2	1	1.3	1.6	0.3	-0.79	-0.78	0	0	0	0	0
10/28/2023 19:47	46302 ROHR_T1	4	4	0	1.15	1.3	0.15	0	0	0	0	0	0	0
10/28/2023 19:47	43302 WATS_T2	2	4	2	0.15	0.3	0.15	0	0	0	0	0	0	0
10/28/2023 19:49	25402 LAHA_T2	0	0	0	0	0	0	-0.86	-0.87	0	0	0	0	0
10/28/2023 19:49	43302 WATS_T2	2	4	2	0.15	0.3	0.15	0	0	0	0	0	0	0
10/28/2023 19:51	43301 WATS_T2	0	1	1	0	0.2	0.2	0	0	0	0	0	0	0
10/28/2023 19:51	45702 LIND_T2	1	1	0	0.6	0.7	0.1	-0.48	-0.47	0	0	0	0	0
10/28/2023 19:51	40902 JESH_T1	0	0	0	0	0	0	-0.73	-0.73	0	0	0	0	0
10/28/2023 19:52	29402 BELT_T1	1	1	0	8.4	8.6	0.2	0	0	0	0	0	0	0
10/28/2023 19:52	43304 WATS_T2	0	0	0	0	0	0	-1.21	-1.25	0	0	0	0	0
10/28/2023 19:52	59101 WALK_T2	1	1	0	0	0	0	1.02	0.9	1	1	0	450	450
10/28/2023 19:52	45501 DERR_T2	0	1	1	0	0	0	-0.75	-0.58	2	2	0	1800	1800
10/28/2023 19:53	45001 LIME_2	0	24	24	0	0.27	0.27	0	0	0	0	0	0	0
10/28/2023 19:54	46801 HEPB_T2	2	2	0	0.25	0.75	0.5	0.6	0.58	0	0	0	0	0
10/28/2023 19:54	40902 JESH_T1	0	0	0	0	0	0	-0.73	-0.73	0	0	0	0	0
10/28/2023 19:54	59101 WALK_T2	1	1	0	0	0	0	1.02	0.9	1	1	0	450	450
10/28/2023 19:55	43304 WATS_T2	0	0	0	0	0	0	-1.21	-1.25	0	0	0	0	0
10/28/2023 19:55	46801 HEPB_T2	2	2	0	0.25	0.75	0.5	0.6	0.58	0	0	0	0	0
10/28/2023 19:55	41901 REED_T1	3	9	6	0.23	0.26	0.03	-2.15	-2.11	1	1	0	900	900
10/28/2023 19:57	45003 LIME_2	1	1	0	4.7	4.9	0.2	0	0	1	1	0	1200	1200
10/28/2023 19:57	15601 NSTR_T2	39	52	13	0.23	0.23	0	0	0	0	0	0	0	0
10/28/2023 19:59	67503 WEWI_T2	0	0	0	0	0	0	-0.37	-0.4	0	0	0	0	0
10/28/2023 19:59	20401 ASHF_T2	1	2	1	0.1	0.3	0.2	0	0	0	0	0	0	0
10/28/2023 19:59	64204 KINZ_T1	138	272	134	0.49	0.6	0.11	0	0	0	0	0	0	0
10/28/2023 19:59	43302 WATS_T2	2	4	2	0.15	0.3	0.15	0	0	0	0	0	0	0
10/28/2023 19:59	59101 WALK_T2	1	1	0	0	0	0	0.9	0.83	1	1	0	450	450
10/28/2023 20:00	46803 HEPB_T2	0	0	0	0	0	0	0.4	0.42	0	0	0	0	0
10/28/2023 20:00	52002 LING_T2	1	1	0	0.5	0.8	0.3	0	0	0	0	0	0	0
10/28/2023 20:00	29401 BELT_T1	0	0	0	0	0	0	0	0	1	1	0	900	900
10/28/2023 20:00	51604 DUKE_T2	11	45	34	0.14	0.27	0.13	-1.61	-1.63	1	1	0	900	900
10/28/2023 20:00	41801 GOCI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
10/28/2023 20:00	43302 WATS_T2	2	4	2	0.1	0.3	0.2	0	0	0	0	0	0	0
10/28/2023 20:01	10602 BLGL_T2	0	0	0	0	0	0	0.09	0.08	0	0	0	0	0
10/28/2023 20:01	59101 WALK_T2	1	1	0	0	0	0	0.9	0.83	1	1	0	450	450
10/28/2023 20:01	42201 SHEN_T2	0	0	0	0	0	0	0.61	0.6	0	0	0	0	0
10/28/2023 20:02	64101 REFR_T1	0	0	0	0	0	0	-0.08	-0.07	0	0	0	0	0
10/28/2023 20:02	59202 THOM_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
10/28/2023 20:02	56802 BENV_T2	1	119	118	0.1	0.22	0.12	-1.44	-1.43	0	0	0	0	0
10/28/2023 20:02	16302 ALPA_T2	0	0	0	0	0	0	0.64	0.63	0	0	0	0	0
10/28/2023 20:02	67502 WEWI_T2	0	21	21	0	0.15	0.15	-1.36	-1.39	1	1	0	900	900
10/28/2023 20:03	52402 GRPA_T2	5	5	0	0.7	1.08	0.38	0	0	0	0	0	0	0
10/28/2023 20:03	20401 ASHF_T2	1	2	1	0.1	0.3	0.2	0	0	0	0	0	0	0
10/28/2023 20:03	43304 WATS_T2	0	0	0	0	0	0	-0.62	-0.66	0	0	0	0	0
10/28/2023 20:03	43304 WATS_T2	0	0	0	0	0	0	-0.62	-0.66	0	0	0	0	0
10/28/2023 20:03	61303 EARL_T1	0	0	0	0	0	0	0.02	0	0	0	0	0	0
10/28/2023 20:03	15001 BLMO_T1	0	2	2	0	0.1	0.1	0	0	0	0	0	0	0
10/28/2023 20:04	43301 WATS_T2	0	1	1	0	0.2	0.2	0	0	0	0	0	0	0
10/28/2023 20:04	45001 LIME_2	6	25	19	0.12	0.26	0.14	0	0	0	0	0	0	0
10/28/2023 20:04	56801 BENV_T1	11	17	6	1.01	1.14	0.13	-0.77	-0.77	1	1	0	600	600
10/28/2023 20:05	43202 MVIL_T2	0	0	0	0	0	0	-0.72	-0.73	0	0	0	0	0
10/28/2023 20:05	62604 ENGL_T1	0	0	0	0	0	0	-1.4	-1.42	1	1	0	600	600
10/28/2023 20:05	15001 BLMO_T1	0	2	2	0	0.1	0.1	0	0	0	0	0	0	0
10/28/2023 20:05	45501 DERR_T2	0	0	0	0	0	0	-0.58	-0.66	2	2	0	1800	1800
10/28/2023 20:05	56802 BENV_T2	1	119	118	0.1	0.22	0.12	-1.44	-1.43	0	0	0	0	0
10/28/2023 20:06	66505 SMAN_T2	0	0	0	0	0	0	0.66	0.6	1	1	0	900	900
10/28/2023 20:06	59101 WALK_T2	1	1	0	0	0	0	0.9	0.83	1	1	0	450	450
10/28/2023 20:06	56801 BENV_T1	11	17	6	1.01	1.14	0.13	-1.54	-1.54	2	2	0	1200	1200
10/28/2023 20:06	42002 MNVL_T2	1	1	0	2.7	2.5	-0.2	0	0	0	0	0	0	0
10/28/2023 20:06	43402 BENT_T1	0	0	0	0	0	0	-0.97	-0.96	1	1	0	900	900
10/28/2023 20:06	40101 HUNT_T2	0	0	0	0	0	0	-0.66	-0.76	0	0	0	0	0
10/28/2023 20:07	60803 BUCK_T1	16	34	18	0.3	0.29	-0.01	0	0	0	0	0	0	0
10/28/2023 20:07	15001 BLMO_T1	0	2	2	0	0.1	0.1	0	0	0	0	0	0	0
10/28/2023 20:07	67502 WEWI_T2	0	21	21	0	0.15	0.15	-1.36	-1.39	1	1	0	900	900
10/28/2023 20:07	16302 ALPA_T2	0	0	0	0	0	0	0.64	0.63	0	0	0	0	0
10/28/2023 20:07	62604 ENGL_T1	0	0	0	0	0	0	-1.4	-1.42	1	1	0	600	600
10/28/2023 20:07	55002 NEWP_T1	5	6	1	0.62	0.93	0.31	-0.24	-0.24	0	0	0	0	0
10/28/2023 20:07	12701 MACU_T1	0	0	0	0	0	0	0.04	0.03	0	0	0	0	0
10/28/2023 20:07	60201 ATGL_T2	0	7	7	0	0.14	0.14	0.39	0.45	0	0	0	0	0
10/28/2023 20:07	56802 BENV_T2	1	119	118	0.1	0.22	0.12	-1.44	-1.43	0	0	0	0	0
10/28/2023 20:08	65001 NEFF_T2	0	0	0	0	0	0	-1.12	-1.08	1	1	0	1200	1200
10/28/2023 20:08	56801 BENV_T1	11	17	6	1.01	1.14	0.13	-

10/28/2023 20:15	56604 HAMP_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/28/2023 20:15	67401 WAKE_T2	11	2	-9	0.14	0.1	-0.04	-0.71	-0.72	0	0	0	0	0	0
10/28/2023 20:15	51604 DUKE_T2	45	25	-20	0.26	0.18	-0.08	-1.63	-1.61	1	1	0	900	900	0
10/28/2023 20:15	60201 ATGL_T2	7	0	-7	0.14	0	-0.14	0.45	0.43	0	0	0	0	0	0
10/28/2023 20:15	56801 BENV_T1	17	19	2	1.14	0.89	-0.25	-1.54	-1.5	2	2	0	1200	1200	0
10/28/2023 20:16	66901 SHIL_T2	206	193	-13	0.24	0.24	0	-1.58	-1.62	1	1	0	1200	1200	0
10/28/2023 20:16	56501 ROCK_T2	42	19	-23	0.15	0.22	0.07	-1.6	-1.61	0	0	0	0	0	0
10/28/2023 20:16	56802 BENV_T2	100	87	-13	0.23	0.16	-0.07	-1.43	-1.4	0	0	0	0	0	0
10/28/2023 20:16	58402 MORO_T1	0	0	0	0	0	0	-1.47	-1.46	2	2	0	1500	1500	0
10/28/2023 20:16	12701 MACU_T1	0	0	0	0	0	0	0.03	0.04	0	0	0	0	0	0
10/28/2023 20:17	52402 GRPA_T2	5	5	0	1.08	1.06	-0.02	0	0	0	0	0	0	0	0
10/28/2023 20:17	56801 BENV_T1	17	19	2	1.14	0.89	-0.25	-1.54	-1.5	2	2	0	1200	1200	0
10/28/2023 20:17	54701 NEBL_T1	0	0	0	0	0	0	0	0	1	1	0	600	600	0
10/28/2023 20:17	40101 HUNT_T2	0	0	0	0	0	0	-0.76	-0.65	0	0	0	0	0	0
10/28/2023 20:17	62604 ENGL_T1	0	0	0	0	0	0	-1.42	-1.43	1	1	0	600	600	0
10/28/2023 20:18	66703 STRA_T1	0	0	0	0	0	0	-0.09	-0.15	0	0	0	0	0	0
10/28/2023 20:20	52402 GRPA_T2	5	5	0	1.08	1.06	-0.02	0	0	0	0	0	0	0	0
10/28/2023 20:23	40101 HUNT_T2	0	0	0	0	0	0	-0.76	-0.65	0	0	0	0	0	0
10/28/2023 20:29	43402 BENT_T1	0	0	0	0	0	0	-0.97	-0.96	1	1	0	900	900	0
10/28/2023 20:40	67204 TEHI_T2	0	0	0	0	0	0	0.11	0.11	0	0	0	0	0	0
10/28/2023 20:45	15001 BLMO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/28/2023 20:47	65001 NEFF_T2	0	1	1	0	0.1	0.1	-1.06	-1.12	1	1	0	1200	1200	0
10/28/2023 21:13	43402 BENT_T1	0	0	0	0	0	0	-0.98	-0.98	1	1	0	900	900	0
10/28/2023 21:16	67502 WEWI_T2	138	291	153	0.21	0.24	0.03	-1.41	-1.39	1	1	0	900	900	0
10/29/2023 0:28	62604 ENGL_T1	0	0	0	0	0	0	-1.54	-1.58	1	1	0	600	600	0
10/29/2023 0:28	67502 WEWI_T2	0	0	0	0	0	0	-1.6	-1.53	1	1	0	900	900	0
10/29/2023 0:28	13901 SEID_T1	0	0	0	0	0	0	0.14	0.12	0	0	0	0	0	0
10/29/2023 0:28	56604 HAMP_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/29/2023 0:28	65604 QVIL_T2	0	0	0	0	0	0	0.56	0.5	0	0	0	0	0	0
10/29/2023 0:28	10801 CHHI_T1	0	0	0	0	0	0	-1.07	-1.09	1	1	0	900	900	0
10/29/2023 1:41	29402 BELT_T1	1	1	0	7.6	7.8	0.2	0	0	0	0	0	0	0	0
10/29/2023 2:49	65003 NEFF_T2	4	4	0	0.23	0.33	0.1	0	0	0	0	0	0	0	0
10/29/2023 3:24	65001 NEFF_T2	247	419	172	0.43	0.38	-0.05	-1.48	-1.46	1	1	0	1200	1200	0
10/29/2023 7:56	60201 ATGL_T2	1	8	7	0.1	0.16	0.06	0.23	0.19	0	0	0	0	0	0
10/29/2023 8:18	65001 NEFF_T2	5	4	-1	0.1	0.1	0	-1.43	-1.38	0	0	0	0	0	0
10/29/2023 8:20	46801 HEPB_T2	2	2	0	0.35	0.15	-0.2	0	0	0	0	0	0	0	0
10/29/2023 8:57	63305 GREE_T1	3	15	12	0.27	0.31	0.04	-2.26	-2.25	1	1	0	900	900	0
10/29/2023 9:01	58402 MORO_T1	0	0	0	0	0	0	-0.73	-0.71	1	1	0	600	600	0
10/29/2023 9:03	58402 MORO_T1	0	0	0	0	0	0	-0.73	-0.71	1	1	0	600	600	0
10/29/2023 9:17	54701 NEBL_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/29/2023 9:26	57403 SPAN_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/29/2023 9:29	63401 HONY_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/29/2023 10:00	56802 BENV_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/29/2023 10:00	54701 NEBL_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/29/2023 10:00	46004 BERW_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/29/2023 10:00	59102 WALK_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/29/2023 10:00	55002 NEWP_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/29/2023 10:00	40602 PIGR_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/29/2023 10:00	60201 ATGL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/29/2023 10:00	26401 INOR_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/29/2023 10:00	46206 DANV_T2	0	1	1	0	0	0	0	0	0	0	0	0	0	0
10/29/2023 10:00	60801 BUCK_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/29/2023 10:00	63401 HONY_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/29/2023 10:00	57403 SPAN_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/29/2023 10:00	67401 WAKE_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/29/2023 10:03	22901 HARW_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/29/2023 10:03	46302 ROHR_T1	4	4	0	1.23	1.55	0.32	0	0	0	0	0	0	0	0
10/29/2023 10:07	42601 TUSC_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/29/2023 10:09	45402 WBLO_T2	1	1	0	0.2	0.9	0.7	0	0	0	0	0	0	0	0
10/29/2023 10:13	28403 HART_T2	0	0	0	0	0	0	-0.67	-0.68	1	1	0	900	900	0
10/29/2023 10:13	46801 HEPB_T2	0	0	0	0	0	0	0.52	0.54	0	0	0	0	0	0
10/29/2023 10:15	40101 HUNT_T2	0	0	0	0	0	0	-0.67	-0.74	0	0	0	0	0	0
10/29/2023 10:17	43202 MVIL_T2	0	33	33	0	0.16	0.16	-0.73	-0.75	0	0	0	0	0	0
10/29/2023 10:18	55002 NEWP_T1	3	6	3	0.4	0.57	0.17	0	0	0	0	0	0	0	0
10/29/2023 10:19	55002 NEWP_T1	3	6	3	0.4	0.57	0.17	0	0	0	0	0	0	0	0
10/29/2023 10:19	41901 REED_T1	2	0	-2	0.15	0	-0.15	-2.15	-2.14	1	1	0	900	900	0
10/29/2023 10:19	43202 MVIL_T2	0	33	33	0	0.16	0.16	-0.73	-0.75	0	0	0	0	0	0
10/29/2023 10:20	53903 HALI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/29/2023 10:20	43202 MVIL_T2	0	33	33	0	0.16	0.16	0	0	0	0	0	0	0	0
10/29/2023 10:20	54701 NEBL_T1	0	1	1	0	0.1	0.1	0	0	1	1	0	600	600	0
10/29/2023 10:20	59101 WALK_T2	1	1	0	0	0	0	1.46	1.14	0	0	0	0	0	0
10/29/2023 10:20	65001 NEFF_T2	0	0	0	0	0	0	-1.37	-1.29	1	1	0	1200	1200	0
10/29/2023 10:21	59101 WALK_T2	1	1	0	0	0	0	2.92	2.28	0	0	0	0	0	0
10/29/2023 10:22	15001 BLMO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/29/2023 10:22	66504 SMAN_T2	0	0	0	0	0	0	-1.66	-1.72	1	1	0	1200	1200	0
10/29/2023 10:22	59101 WALK_T2	1	1	0	0	0	0	1.46	1.14	0	0	0	0	0	0
10/29/2023 10:22	64101 REFR_T1	0	0	0	0	0	0	-0.01	0.03	0	0	0	0	0	0
10/29/2023 10:23	59101 WALK_T2	1	1	0	0	0	0	1.46	1.14	0	0	0	0	0	0
10/29/2023 10:23	67502 WEWI_T2	0	0	0	0	0	0	-1.56	-1.56	1	1	0	900	900	0
10/29/2023 10:23	28604 BLYT_T2	0	0	0	0	0	0	-1.42	-1.43	0	0	0	0	0	0
10/29/2023 10:23	49803 UNIV_T1	0	0	0	0	0	0	-1.22	-1.2	0	0	0	0	0	0
10/29/2023 10:24	67502 WEWI_T2	0	0	0	0	0	0	-1.56	-1.56	1	1	0	900	900	0
10/29/2023 10:24	42201 SHEN_T2	0	0	0	0	0	0	0.63	0.63	0	0	0	0	0	0
10/29/2023 10:24	67503 WEWI_T2	0	0	0	0	0	0	-0.54	-0.53	0	0	0	0	0	0
10/29/2023 10:24	41602 CLEV_T1	0	0	0	0	0	0	0	0	1	1	0	600	600	0
10/29/2023 10:24	60201 ATGL_T2	0	3	3	0	0.13	0.13	0.17	0.17	0	0	0	0	0	0
10/29/2023 10:24	15001 BLMO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/29/2023 10:25	67502 WEWI_T2	0	0	0	0	0	0	-1.56	-1.56	1	1	0	900	900	0
10/29/2023 10:25	56802 BENV_T2	1	1	0	0.8	0.8	0	-1.48	-1.42	0	0	0	0	0	0
10/29/2023 10:25	62604 ENGL_T1	0	0	0	0	0	0	-1.58	-1.53	1	1	0	600	600	0
10/29/2023 10:26	10801 CHHI_T1	0	0	0	0	0	0	-0.97	-0.97	1	1	0	900	900	0
10/29/2023 10:26	62604 ENGL_T1	0	0	0	0	0	0	-3.06	-3.03	2	2	0	1200	1200	0
10/29/2023 10:26	60803 BUCK_T1	13	12	-1	0.25	0.22	-0.03	0	0	0	0	0	0	0	0
10/29/2023 10:26	67503 WEWI_T2	0	0	0	0	0	0	-0.53	-0.55	0	0	0	0	0	0
10/29/2023 10:27	46206 DANV_T2	0	1	1	0	0.2	0.2	0	0	0	0	0	0	0	0
10/29/2023 10:27	46803 HEPB_T2	0	0	0	0	0	0	0.44	0.41	0	0	0	0	0	0
10/29/2023 10:27	56802 BENV_T2	1	1	0	0.8	0.8	0	-1.42	-1.44	0	0	0	0	0	0
10/29/2023 10:28	62604 ENGL_T1	0	0	0	0	0	0	-1.53	-1.51	1	1	0	600	600	0
10/29/2023 10:29	59202 THOM_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/29/2023 10:29	43402 BENT_T1	0	0	0	0	0	0	-0.98	-0.96	1	1	0	900	900	0
10/29/2023 10:29	62604 ENGL_T1	0	0	0	0	0	0	-1.53	-1.51	1	1	0	600	600	0
10/29/2023 10:31	52403 GRPA_T2	0	0	0	0	0	0	-0.12	-0.14	0	0	0	0	0	0
10/29/2023 10:31	60803 BUCK_T1	10	12	2	0.23	0.2	-0.03	0	0	0	0	0	0	0	0
10/29/2023 10:32	40101 HUNT_T2	0	0	0	0	0	0	-0.74	-0.72	0	0	0	0	0	0
10/29/2023 10:33	66505 SMAN_T2	0	0	0	0	0	0	0.06	0.13	1	1	0	900	900	0
10/29/2023 10:34	58402 MORO_T1	0	0	0	0	0	0	-0.68	-0.69	1	1	0	600	600	0
10/29/2023 10:34	43304 WATS_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/29/2023 10:38	28604 BLYT_T2	0	0	0	0	0	0	-1.43	-1.42	0	0	0	0	0	0
10/29/2023 10:38	20403 ASHF_T2	0	0	0	0	0	0	0.12	0.14	0	0	0	0	0	0
10/29/2023 10:39	59101 WALK_T2	1	1	0	0	0	0	1.14	1.14	0	0	0	0	0	0
10/29/2023 10:40	20403 ASHF_T2	0	0	0	0	0	0	0.12	0.14	0	0	0	0	0	0
10/29/2023 10:43	64201 KINZ_T1	257	258	1	0.69	0.94	0.25	0.68	0.7	0	0	0	0	0	0
10/29/2023 10:44	52402 GRPA_T2	4	3	-1	0.75	0.8	0.05	0	0	0	0	0	0	0	0
10/29/2023 10:44	40101 HUNT_T2	0	0	0	0	0	0	-0.72	-0.74	0	0	0	0	0	0
10/29/2023 10:44	59003 MIFF_T1	0	0	0	0	0	0	0	0.21	0	0	0	0	0	0
10/29/2023 10:45	52402 GRPA_T2	3	1	-2	0.67	2.1	1.43	0	0	0	0	0	0	0	0
10/29/2023 10:45	46801 HEPB_T2	0	0	0	0	0	0	0.55	0.56	0	0	0	0	0	0
10/29/2023 10:46	42001 MNVL_T2	0	0	0	0	0	0	0.02	0.03	0	0	0	0	0	0
10/29/2023 10:47	46702 RENO_T1	0	0	0	0	0	0	-0.15	-0.15	0	0	0	0	0	0
10/29/2023 10:47	45702 LIND_T2	1	1	0	0.2	0.3	0.1	-0.54	-0.54	0	0	0	0	0	0
10/29/2023 10:47	59003 MIFF_T1	0	0	0	0	0	0	0	0.21	0	0	0	0	0	0
10/29/2023 10:48	64204 KINZ_T1	474	383	-91	0.42	0.45	0.03	0	0	0	0	0	0	0	0
10/29/2023 10:48	46504 LOHA_T1	2	2	0	0.25	0.9	0.65	0	0	0	0	0	0	0	0
10/29/2023 10:49	52404 GRPA_T2	1	0	-1	0.1	0	-0.1	0	0	0	0	0	0	0	0
10/29/2023 10:50	64101 REFR_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/29/2023 10:51	65001 NEFF_T2	0	0	0	0	0	0	-1.37	-1.38	1	1	0	1200	1200	0
10/29/2023 10:51	29401 BELT_T1	0	0	0	0	0	0	0	0	1	1	0	900	900	0
10/29/2023 10:53	15001 BLMO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/29/2023 10:53	56801 BENV_T1	31	32	1	0.76	0.77	0.01	-1.7	-1.66	2	2	0	1200	1200	0
10/29/2023 10:53	29402 BELT_T1	1	1	0	6.5	6.9	0.4	0	0	0	0	0	0	0	0
10/29/2023 10:54	66505 SMAN_T2	0	0	0	0	0	0	0.13	0.06	1	1	0	900	900	0
10/29/2023 10:54	56801 BENV_T1	31	32	1	0.76	0.77	0.01	-1.7	-1.66	2	2	0	1200	1200	0
10/29/2023 10:54	60201 ATGL_T2	3	2	-1	0.13	0.1	-0.03	0.2	0.18	0	0	0	0	0	0
10/29/2023 10:56	45501 DERR_T2	0	0	0	0	0	0	-0.12	-0.07	1	1	0	600	600	0
10/29/2023 10:56	56801 BENV_T1	31	32	1	0.76	0.77	0.01	-1.66	-1.66	2	2	0	1200	1200	0
10/29/2023 10:56	41602 CLEV_T1	0	0	0	0	0	0	0	0	1	1	0	600	600	0
10/29/2023 10:56	44802 EDAN_T2	0	0	0	0	0	0	-2.2	-2.22	1	1	0	1200	1200	0
10/29/2023 10:56	15001 BLMO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/29/2023 10:57	15001 BLMO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/29/2023 10:57	28403 HART_T2	0	0	0	0	0	0	-0.67	-0.67	1	1	0	900	900	0
10/29/2023 10:57	61801 EEU_T2	2	2	0	0.8	1.05	0.25	-1	-0.97	1	1	0	600	600	0
10/29/2023 10:57	56801 BENV_T1	31	32	1	0.76	0.77	0.01	-0.83	-0.83	1	1	0	600	600	0
10/29/2023 10:58	44802 EDAN_T2	0	0	0	0	0	0	-4.4	-4.44	2	2	0	2400	2400	0
10/29/2023 10:58	45501 DERR_T2	0	0	0	0	0	0	-0.12	-0.07	1	1	0	600	600	0
10/29/2023 11:01	45003 LIME_2	1	1	0	3.4	2.9	-0.5	0	0	0	0	0	0	0	0
10/29/2023 11:03	67502 WEWI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/29/2023 11:04	46302 ROHR_T1	0	0	0	0	0	0	0.18	0.19	0	0	0	0	0	0
10/29/2023 11:04	65604 QVIL_T2	0	0	0	0	0	0	0.7	0.68	0	0	0	0	0	0
10/29/2023 11:04	44601 SALE_T2	1	1	0	0.2	0.2	0	-0.26	-0.25	0	0	0	0	0	0
10/29/2023 11:05	43301 WATS_T2	0	0	0	0	0	0	-0.6	-0.6	1	1	0	900	900	0
10/29/2023 11:06	43304 WATS_T2	0	0	0	0	0	0	-0.93	-0.64	0	0	0	0	0	0
10/29/2023 11:06	44601 SALE_T2	1	1	0	0.2	0.2	0	-0.26	-0.25	0	0	0	0	0	0
10/29/2023 11:06	64101 REFR_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/29/2023 11:06	45402 WBLO_T2	1	0	-1	0.4	0	-0.4	-0.82	-0.8	0	0	0	0	0	0
10/29/2023 11:07	29402 BELT_T1	1	1	0	6.7	6.9	0.2	0	0	0	0	0	0	0	0
10/29/2023 11:08	49803 UNIV_T1	0	0	0	0	0	0	-1.21	-1.16	0	0	0	0	0	0
10/29/2023 11:09	67401 WAKE_T2	0	0	0	0	0	0	-0.89	-0.88	0	0	0	0	0	0
10/29/2023 11:09	29401 BELT_T1	0	0	0	0	0	0	0	0	1	1	0	900	900	0
10/29/2023 11:12	60201 ATGL_T2	0	2	2	0	0.1	0.1	0.27	0.25	0	0	0	0	0	0
10/29/2023 11:12	61303 EARL_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/29/2023 11:18	53903 HALI_T2	1	2	1	0.2	0.55	0.35	-0.16	-0.15	0	0	0	0	0	0
10/29/2023 11:18	67502 WEWI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/29/2023 11:18	12701 MACU_T1	0	0	0	0	0	0	0.01	0	0	0	0	0	0	0
10/29/2023 11:19	63401 HONY_T1	0	0	0	0	0	0	0.35	0.37	0	0	0	0	0	0
10/29/2023 11:19	41902 REED_T1	0	0	0	0	0	0	0.84	0.85	0	0	0	0	0	0
10/29/2023 11:19	67503 WEWI_T2	0	0	0	0	0	0	-0.51	-0.54	0	0	0	0	0	0
10/29/2023 11:19	12701 MACU_T1	0	0	0	0	0	0	0.02	0	0	0	0	0	0	0
10/29/2023 11:19	53903 HALI_T2	1	2	1	0.2	0.55	0.35	-0.16	-0.15	0	0	0	0	0	0
10/29/2023 11:20	41902 REED_T1	0	0	0	0	0	0	0.84	0.85	0	0	0	0	0	0
10/29/2023 11:20	55002 NEWP_T1	5	5	0	0.36	0.42	0.06	0	-0.25	0	0	0	0	0	0
10/29/2023 11:25	60801 BUCK_T1	10	23	13	0.11	0.14	0.03	0	0	0	0	0	0	0	0
10/29/2023 11:25	15001 BLMO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/29/2023 11:31	43304 WATS_T2	0	0	0	0	0	0	-0.67	-0.66	0	0	0	0	0	0
10/29/2023 11:32	52403 GRPA_T2	0	0	0	0	0	0	-0.11	-0.14	0	0	0	0	0	0
10/29/2023 11:32	41902 REED_T1	0	0	0	0	0	0	0.85	0.84	0	0	0	0	0	0
10/29/2023 11:33	54701 NEBL_T1	0	0	0	0	0	0	0	0	1	1	0	600	600	0
10/29/2023 11:33	60803 BUCK_T1	14	12	-2	0.27	0.29	0.02	-1.04	-0.99	1	1	0	600	600	0
10/29/2023 11:33	15001 BLMO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/29/2023 11:33	53903 HALI_T2	2	2	0	0.25	0.75	0.5	-0.15	-0.14	0	0	0	0	0	0
10/29/2023 11:34	65602 QVIL_T2	45	51	6	0.87	1.04	0.17	0	0	0	0	0	0	0	0
10/29/2023 11:34	40101 HUNT_T2	0	0

10/29/2023 12:00	67502 WEWI_T2	9	4	-5	0.11	0.13	0.02	-1.5	-1.51	1	1	0	900	900	0
10/29/2023 12:01	52403 GRPA_T2	0	0	0	0	0	0	-0.12	-0.1	0	0	0	0	0	0
10/29/2023 12:01	67502 WEWI_T2	9	4	-5	0.11	0.13	0.02	0	0	0	0	0	0	0	0
10/29/2023 12:03	67502 WEWI_T2	9	4	-5	0.11	0.13	0.02	-1.5	-1.51	1	1	0	900	900	0
10/29/2023 12:04	67502 WEWI_T2	9	4	-5	0.11	0.13	0.02	-1.5	-1.51	1	1	0	900	900	0
10/29/2023 12:04	52403 GRPA_T2	0	0	0	0	0	0	-0.12	-0.1	0	0	0	0	0	0
10/29/2023 12:04	65604 QVIL_T2	0	0	0	0	0	0	0.76	0.74	0	0	0	0	0	0
10/29/2023 12:05	64101 REFR_T1	0	0	0	0	0	0	-0.02	-0.02	0	0	0	0	0	0
10/29/2023 12:05	52401 GRPA_T2	0	0	0	0	0	0	-0.52	-0.48	0	0	0	0	0	0
10/29/2023 12:06	64101 REFR_T1	0	0	0	0	0	0	-0.02	-0.02	0	0	0	0	0	0
10/29/2023 12:08	20403 ASHF_T2	0	0	0	0	0	0	0.18	0.16	0	0	0	0	0	0
10/29/2023 12:10	61303 EARL_T1	0	0	0	0	0	0	-0.1	-0.13	0	0	0	0	0	0
10/29/2023 12:11	20403 ASHF_T2	0	0	0	0	0	0	0.16	0.17	0	0	0	0	0	0
10/29/2023 12:15	67502 WEWI_T2	4	0	-4	0.13	0	-0.13	-1.51	-1.48	1	1	0	900	900	0
10/29/2023 12:16	67502 WEWI_T2	4	0	-4	0.13	0	-0.13	-1.51	-1.48	1	1	0	900	900	0
10/29/2023 12:16	67503 WEWI_T2	0	0	0	0	0	0	-0.51	-0.5	0	0	0	0	0	0
10/29/2023 12:17	67503 WEWI_T2	0	0	0	0	0	0	-0.51	-0.5	0	0	0	0	0	0
10/29/2023 12:19	67502 WEWI_T2	4	0	-4	0.13	0	-0.13	-3.02	-2.96	2	2	0	1800	1800	0
10/29/2023 12:20	60502 NMAN_T2	0	0	0	0	0	0	-0.47	-0.5	0	0	0	0	0	0
10/29/2023 12:21	13901 SEID_T1	0	0	0	0	0	0	0.17	0.2	0	0	0	0	0	0
10/29/2023 12:21	65001 NEFF_T2	0	0	0	0	0	0	-1.31	-1.32	1	1	0	1200	1200	0
10/29/2023 12:23	42601 TUSC_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/29/2023 12:37	66703 STRA_T1	0	0	0	0	0	0	-0.29	-0.24	0	0	0	0	0	0
10/29/2023 12:44	52402 GRPA_T2	3	4	1	0.5	0.65	0.15	0	0	0	0	0	0	0	0
10/29/2023 12:45	59101 WALK_T2	1	1	0	0	0	0	1.34	1.34	0	0	0	0	0	0
10/29/2023 12:46	46206 DANV_T2	0	2	2	0	0.3	0.3	0	0	0	0	0	0	0	0
10/29/2023 12:47	46903 MNTG_T2	6	0	-6	0.13	0	-0.13	-0.18	0.43	1	0	-1	600	0	-600
10/29/2023 12:48	64101 REFR_T1	0	0	0	0	0	0	0.04	-0.01	0	0	0	0	0	0
10/29/2023 12:49	52402 GRPA_T2	4	4	0	0.55	0.68	0.13	0	0	0	0	0	0	0	0
10/29/2023 12:49	64101 REFR_T1	0	0	0	0	0	0	0.04	-0.01	0	0	0	0	0	0
10/29/2023 12:50	64101 REFR_T1	0	0	0	0	0	0	0.07	-0.01	0	0	0	0	0	0
10/29/2023 12:53	64101 REFR_T1	0	0	0	0	0	0	0.04	-0.01	0	0	0	0	0	0
10/29/2023 13:03	64101 REFR_T1	0	0	0	0	0	0	-0.01	-0.01	0	0	0	0	0	0
10/29/2023 13:05	46702 RENO_T1	0	0	0	0	0	0	-0.17	-0.14	0	0	0	0	0	0
10/29/2023 13:07	13901 SEID_T1	0	0	0	0	0	0	0.18	0.19	0	0	0	0	0	0
10/29/2023 13:10	56801 BENV_T1	29	29	0	0.78	0.72	-0.06	-0.84	-0.84	1	1	0	600	600	0
10/29/2023 13:11	43302 WATS_T2	4	2	-2	0.15	0.15	0	0	0	0	0	0	0	0	0
10/29/2023 13:12	61303 EARL_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/29/2023 13:22	43302 WATS_T2	2	2	0	0.15	0.1	-0.05	0	0	0	0	0	0	0	0
10/29/2023 13:26	43304 WATS_T2	1	0	-1	0.6	0	-0.6	0	0	0	0	0	0	0	0
10/29/2023 13:36	67203 TEHI_T1	0	0	0	0	0	0	0.83	0.8	1	1	0	900	900	0
10/29/2023 13:44	61303 EARL_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/29/2023 13:49	42001 MNVL_T2	0	1	1	0	0	0	0	0	0	0	0	0	0	0
10/29/2023 13:51	56802 BENV_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/29/2023 13:52	43304 WATS_T2	0	4	4	0	0	0	0	0	0	0	0	0	0	0
10/29/2023 13:53	43304 WATS_T2	0	4	4	0	0	0	0	0	0	0	0	0	0	0
10/29/2023 13:56	67602 WARW_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/29/2023 13:56	41801 GOCI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/29/2023 13:58	41801 GOCI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/29/2023 14:02	41801 GOCI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/29/2023 14:04	52501 PROG_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/29/2023 14:04	60501 NMAN_T2	3	3	0	4.77	4.93	0.16	0	0	0	0	0	0	0	0
10/29/2023 14:05	14802 TREI_T2	0	0	0	0	0	0	0.27	0.3	0	0	0	0	0	0
10/29/2023 14:06	42701 AUGU_T1	0	0	0	0	0	0	0	0	2	2	0	1800	1800	0
10/29/2023 14:06	43304 WATS_T2	1	4	3	0.3	0.75	0.45	-0.64	-0.65	0	0	0	0	0	0
10/29/2023 14:06	42201 SHEN_T2	0	0	0	0	0	0	0.66	0.66	0	0	0	0	0	0
10/29/2023 14:07	66703 STRA_T1	0	0	0	0	0	0	-0.28	-0.29	0	0	0	0	0	0
10/29/2023 14:08	67203 TEHI_T1	0	0	0	0	0	0	0.79	0.79	1	1	0	900	900	0
10/29/2023 14:08	52403 GRPA_T2	0	0	0	0	0	0	-0.14	-0.12	0	0	0	0	0	0
10/29/2023 14:08	43301 WATS_T2	1	1	0	0.2	0.7	0.5	-0.58	-0.58	1	1	0	900	900	0
10/29/2023 14:08	14802 TREI_T2	0	0	0	0	0	0	0.27	0.3	0	0	0	0	0	0
10/29/2023 14:08	43301 WATS_T2	1	1	0	0.2	0.7	0.5	-0.58	-0.58	1	1	0	900	900	0
10/29/2023 14:09	52402 GRPA_T2	4	4	0	0.65	0.7	0.05	0	0	0	0	0	0	0	0
10/29/2023 14:10	43304 WATS_T2	1	4	3	0.3	0.75	0.45	-0.64	-0.65	0	0	0	0	0	0
10/29/2023 14:11	42701 AUGU_T1	0	0	0	0	0	0	0	0	2	2	0	1800	1800	0
10/29/2023 14:11	43304 WATS_T2	1	4	3	0.3	0.75	0.45	-0.65	-0.65	0	0	0	0	0	0
10/29/2023 14:11	45501 DERR_T2	1	1	0	0.3	0.4	0.1	-0.07	0.14	1	1	0	600	600	0
10/29/2023 14:12	20403 ASHF_T2	0	0	0	0	0	0	0.28	0.34	0	0	0	0	0	0
10/29/2023 14:13	61303 EARL_T1	0	0	0	0	0	0	-0.12	-0.12	0	0	0	0	0	0
10/29/2023 14:13	45501 DERR_T2	1	1	0	0.3	0.4	0.1	-0.07	0.14	1	1	0	600	600	0
10/29/2023 14:15	67502 WEWI_T2	0	3	3	0	0.1	0.1	-1.53	-1.51	1	1	0	900	900	0
10/29/2023 14:16	43202 MVIL_T2	0	0	0	0	0	0	-0.73	-0.72	0	0	0	0	0	0
10/29/2023 14:16	67502 WEWI_T2	0	3	3	0	0.1	0.1	0	0	0	0	0	0	0	0
10/29/2023 14:17	43202 MVIL_T2	0	0	0	0	0	0	-0.73	-0.72	0	0	0	0	0	0
10/29/2023 14:17	67502 WEWI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/29/2023 14:19	67502 WEWI_T2	0	3	3	0	0.1	0.1	-1.53	-1.51	1	1	0	900	900	0
10/29/2023 14:20	56501 ROCK_T2	8	7	-1	0.4	0.41	0.01	-1.63	-1.65	0	0	0	0	0	0
10/29/2023 14:20	66504 SMAN_T2	0	0	0	0	0	0	-0.47	-0.5	0	0	0	0	0	0
10/29/2023 14:20	43201 MVIL_T2	0	0	0	0	0	0	-0.38	-0.39	0	0	0	0	0	0
10/29/2023 14:21	43304 WATS_T2	3	3	0	0.8	0.2	-0.6	-0.65	-0.65	0	0	0	0	0	0
10/29/2023 14:21	52403 GRPA_T2	0	0	0	0	0	0	-0.12	-0.14	0	0	0	0	0	0
10/29/2023 14:22	20403 ASHF_T2	0	0	0	0	0	0	0.14	0.17	0	0	0	0	0	0
10/29/2023 14:22	66504 SMAN_T2	0	0	0	0	0	0	-0.47	-0.5	0	0	0	0	0	0
10/29/2023 14:22	66504 SMAN_T2	0	0	0	0	0	0	-0.47	-0.5	0	0	0	0	0	0
10/29/2023 14:22	29402 BELT_T1	1	1	0	7.6	7.5	-0.1	0	0	0	0	0	0	0	0
10/29/2023 14:22	43304 WATS_T2	3	3	0	0.8	0.2	-0.6	-1.3	-1.3	0	0	0	0	0	0
10/29/2023 14:22	42201 SHEN_T2	0	0	0	0	0	0	0.66	0.68	0	0	0	0	0	0
10/29/2023 14:23	45501 DERR_T2	1	1	0	0.4	0.1	-0.3	-0.07	0.14	1	1	0	600	600	0
10/29/2023 14:23	65602 QVIL_T2	44	44	0	0.66	0.75	0.09	0	0	0	0	0	0	0	0
10/29/2023 14:23	29401 BELT_T1	0	0	0	0	0	0	0	0	1	1	0	900	900	0
10/29/2023 14:23	20403 ASHF_T2	0	0	0	0	0	0	0.14	0.17	0	0	0	0	0	0
10/29/2023 14:23	29402 BELT_T1	1	1	0	7.6	7.5	-0.1	0	0	0	0	0	0	0	0
10/29/2023 14:23	43301 WATS_T2	1	1	0	0.7	0.8	0.1	0	0	0	0	0	0	0	0
10/29/2023 14:23	66703 STRA_T1	0	1	1	0	0.1	0.1	-0.29	-0.3	0	0	0	0	0	0
10/29/2023 14:24	67203 TEHI_T1	0	0	0	1	0	0	0.79	0.8	1	1	0	900	900	0
10/29/2023 14:24	43304 WATS_T2	3	3	0	0.8	0.2	-0.6	-0.65	-0.65	0	0	0	0	0	0
10/29/2023 14:24	52402 GRPA_T2	4	4	0	0.68	0.65	-0.03	0	0	0	0	0	0	0	0
10/29/2023 14:24	43301 WATS_T2	1	1	0	0.7	0.8	0.1	-1.16	-1.16	2	2	0	1800	1800	0
10/29/2023 14:25	43301 WATS_T2	1	1	0	0.7	0.8	0.1	-0.58	-0.58	1	1	0	900	900	0
10/29/2023 14:25	43301 WATS_T2	1	1	0	0.7	0.8	0.1	-0.58	-0.58	1	1	0	900	900	0
10/29/2023 14:27	29402 BELT_T1	1	1	0	7.6	7.5	-0.1	0	0	0	0	0	0	0	0
10/29/2023 14:27	45501 DERR_T2	1	1	0	0.4	0.1	-0.3	0.14	0.18	1	1	0	600	600	0
10/29/2023 14:29	60101 COCA_T1	0	0	0	0	0	0	0.17	0.17	0	0	0	0	0	0
10/29/2023 14:30	60101 COCA_T1	1	0	-1	4.5	0	-4.5	0.17	0.17	0	0	0	0	0	0
10/29/2023 14:30	67502 WEWI_T2	0	16	16	0	0.12	0.12	-3.02	-2.82	2	2	0	1800	1800	0
10/29/2023 14:31	67502 WEWI_T2	0	16	16	0	0.12	0.12	0	0	0	0	0	0	0	0
10/29/2023 14:32	43202 MVIL_T2	0	0	0	0	0	0	-0.72	-0.71	0	0	0	0	0	0
10/29/2023 14:33	65604 QVIL_T2	0	0	0	0	0	0	0.33	0.29	0	0	0	0	0	0
10/29/2023 14:33	59301 MCAL_T1	85	80	-5	0.64	0.56	-0.08	0	0	0	0	0	0	0	0
10/29/2023 14:33	43202 MVIL_T2	0	0	0	0	0	0	-0.72	-0.71	0	0	0	0	0	0
10/29/2023 14:35	59101 WALK_T2	1	1	0	0	0	0	1.08	1.13	0	0	0	0	0	0
10/29/2023 14:35	43201 MVIL_T2	0	0	0	0	0	0	-0.39	-0.41	0	0	0	0	0	0
10/29/2023 14:35	66504 SMAN_T2	0	0	0	0	0	0	-0.5	-0.49	0	0	0	0	0	0
10/29/2023 14:36	56501 ROCK_T2	5	8	3	0.5	0.46	-0.04	-1.65	-1.65	0	0	0	0	0	0
10/29/2023 14:36	59101 WALK_T2	1	1	0	0	0	0	1.08	1.13	0	0	0	0	0	0
10/29/2023 14:37	52402 GRPA_T2	4	4	0	0.65	0.85	0.2	0	0	0	0	0	0	0	0
10/29/2023 14:37	59101 WALK_T2	1	1	0	0	0	0	2.16	2.25	0	0	0	0	0	0
10/29/2023 14:38	66504 SMAN_T2	0	0	0	0	0	0	-0.5	-0.49	0	0	0	0	0	0
10/29/2023 14:38	43304 WATS_T2	3	2	-1	0.77	0.7	-0.07	-0.65	-0.66	0	0	0	0	0	0
10/29/2023 14:38	65602 QVIL_T2	43	44	1	0.59	0.75	0.16	0	0	0	0	0	0	0	0
10/29/2023 14:38	66505 SMAN_T2	0	0	0	0	0	0	0.08	0	1	1	0	900	900	0
10/29/2023 14:38	29401 BELT_T1	0	0	0	0	0	0	0	0	1	1	0	900	900	0
10/29/2023 14:38	59101 WALK_T2	1	1	0	0	0	0	1.08	1.13	0	0	0	0	0	0
10/29/2023 14:38	28604 BLYT_T2	0	0	0	0	0	0	-1.37	-1.37	0	0	0	0	0	0
10/29/2023 14:38	42201 SHEN_T2	0	0	0	0	0	0	0.68	0.68	0	0	0	0	0	0
10/29/2023 14:39	56802 BENV_T2	1	1	0	1	1.2	0.2	-1.37	-1.38	0	0	0	0	0	0
10/29/2023 14:39	66703 STRA_T1	0	1	1	0	0.1	0.1	-0.3	-0.28	0	0	0	0	0	0
10/29/2023 14:39	29401 BELT_T1	0	0	0	0	0	0	0	0	1	1	0	900	900	0
10/29/2023 14:39	43301 WATS_T2	1	1	0	0.5	0.9	0.4	-0.58	-0.6	1	1	0	900	900	0
10/29/2023 14:39	45501 DERR_T2	1	1	0	0.1	0	-0.1	0.14	0.18	1	1	0	600	600	0
10/29/2023 14:40	52402 GRPA_T2	4	4	0	0.65	0.85	0.2	0	0	0	0	0	0	0	0
10/29/2023 14:40	60101 COCA_T1	1	0	-1	4.5	0	-4.5	0.17	0.17	0	0	0	0	0	0
10/29/2023 14:41	56802 BENV_T2	1	1	0	1	1.2	0.2	-1.38	-1.38	0	0	0	0	0	0
10/29/2023 14:42	45501 DERR_T2	1	1	0	0.1	0	-0.1	0.18	0.2	1	1	0	600	600	0
10/29/2023 14:42	46206 DANV_T2	2	1	-1	0.3	0	-0.3	0	0	0	0	0	0	0	0
10/29/2023 14:43	61303 EARL_T1	0	0	0	0	0	0	-0.11	-0.12	0	0	0	0	0	0
10/29/2023 14:43	45501 DERR_T2	1	1	0	0.1	0	-0.1	0.18	0.2	1	1	0	600	600	0
10/29/2023 14:45	60101 COCA_T1	0	0	0	0	0	0	0.17	0.15	0	0	0	0	0	0
10/29/2023 14:45	46206 DANV_T2	1	0	-1	0.1	0	-0.1	0	0	0	0	0	0	0	0
10/29/2023 14:45	61303 EARL_T1	0	0	0	0	0	0	-0.11	-0.12	0	0	0	0	0	0
10/29/2023 14:46	67502 WEWI_T2	3	17	14	0.1	0.12	0.02	-2.82	-2.99	2	2	0	1800	1800	0
10/29/2023 14:46	43201 MVIL_T2	0	0	0	0	0	0	-0.41	-0.39	0	0	0	0	0	0
10/29/2023 14:47	67503 WEWI_T2	0	0	0	0	0	0	-0.92	-0.98	0	0	0	0	0	0
10/29/2023 14:48	67503 WEWI_T2	0	0	0	0	0	0	-0.46	-0.49	0	0	0	0	0	0
10/29/2023 14:48	43202 MVIL_T2	0	0	0	0	0	0	-0.71	-0.72	0	0	0	0	0	0
10/29/2023 14:48	59402 RFLD_T2	0	1	1	0	0.1	0.1	-0.33	-0.32	0	0	0	0	0	0
10/29/2023 14:48	59301 MCAL_T1	80	79	-1	0.55	0.57	0.02	-1.08	-1.06	0	0	0	0	0	0
10/29/2023 14:49	59302 MCAL_T1	1	1	0	1.6	1.3	-0.3	0	0	0	0	0	0	0	0
10/29/2023 14:49	43202 MVIL_T2	0	0	0	0	0	0	-0.71	-0.72	0	0	0	0	0	0
10/29/2023 14:49	55002 NEWP_T1	3	3	0	0.23	0.3	0.07	0	-0.26	0	0	0	0	0	0
10/29/2023 14:50	42002 MNVL_T2	1	1	0	2.6	2.6	0	-0.78	-0.8	0	0	0	0	0	0
10/29/2023 14:50	46702 RENO_T1	0	0	0	0	0	0	-0.15	-0.16	0	0	0	0	0	0
10/29/2023 14:51	43304 WATS_T2	2	1	-1	0.55	0	-0.55	0	0	0	0	0	0	0	0
10/29/2023 14:51	67502 WEWI_T2	3	17	14	0.1	0.12	0.02	-1.41	-1.49	1	1	0	900	900	0
10/29/2023 14:52	13901 SEID_T1	0	1	1	0	0	0	0.18	0.18	0	0	0	0	0	0
10/29/2023 14:52	43301 WATS_T2	1	1	0	0.8	1	0.2	0	0	0	0	0	0	0	0
10/29/2023 14:53	43301 WATS_T2	1	1	0	0.8	1	0.2	0	0	0	0	0	0	0	0
10/29/2023 14:54	43301 WATS_T2	1	1	0	0.8	1	0.2	0	0	0	0	0	0	0	0
10/29/2023 14:54	20403 ASHF_T2	0	0	0	0	0	0	0.36	0.24	0	0	0	0	0	0
10/29/2023 14:55	43301 WATS_T2	1	1	0	0.8	1	0.2	-0.6	-0.59	1	1	0	900	900	0
10/29/2023 14:55	15001 BLMO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/29/2023 14:55	43301 WATS_T2	1	1	0	0.8	1	0.2	-0.6	-0.59	1	1	0	900	900	0
10/29/2023 14:55	67203 TEHI_T1	0	0	0	0	0	0	0.78	0.78	1	1	0	900	900	0
10/29/2023 14:57	15001 BLMO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/29/2023 15:05	59302 MCAL_T1	1	1	0	1.3	1.4	0.1	0.17	0.19	0	0	0	0	0	0
10/29/2023 15:09	43304 WATS_T2	1	1	0	0.7	0	-0.7	-0.66	-0.66	0	0	0	0	0	0
10/29/2023 15:09	44801 EDAN_T2	1	1	0	0.4	0.1	-0.3	0	0	0	0	0	0	0	0
10/29/2023 15:09	67602 WARW_T2	0	0	0	0	0	0	1.29	1.29	1	1	0	300	300	0
10/29/2023 15:09	29402 BELT_T1	1	1	0	7.8	7.5	-0.3	0	0	0	0	0	0	0	0
10/29/2023 15:11	29402 BELT_T1	1	1	0	7.8	7.5	-0.3	0	0	0	0	0	0	0	0
10/29/2023 15:13	44802 EDAN_T2	0	0	0	0	0	0	-2.22	-2.21	1	1	0	1200	1200	0
10/29/2023 15:14	44802 EDAN_T2	0	0	0	0	0	0	-2.22	-2.21	1	1	0	1200	1200	0
10/29/2023 15:21	59202 THOM_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/29/2023 15:22	56801 BENV_T1	26	28	2	0.98	0.98	0	-0.85	-0.85	1	1	0	600	600	0
10/29/2023 15:23	67502 WEWI_T2	8	24	16	0.1	0.13	0.03	-1.52	-1.52	1	1	0	900	900	0
10/29/2023 15:24	55002 NEWP_T1	2	3	1	0.25	0.27	0.02	-0.28	-0.27	0	0	0	0	0	0
10/29/2023 15:25	43302 WATS_T2	0	3	3	0	0.1	0.1	0	0	0	0	0	0	0	0
10/29/2023 15:25	46801 HEPB_T2	2	2	0	0.35	0.55	0.2	0.56	0.57	0	0	0	0	0	0
10/29/2023 15:25	10602 BLGL_T2	0	0	0	0	0	0	0	-0.01	0

Appendix C - Grid Benefits Achieved in Each Instance of Active Management

10/29/2023 19:06	10801 CHNI_T1	0	0	0	0	0	0	-0.93	-0.92	1	1	0	900	900	0
10/29/2023 19:09	67401 WAKE_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/29/2023 19:09	60801 BUCK_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/29/2023 19:11	29401 BELT_T1	0	0	0	0	0	0	0	0	1	1	0	900	900	0
10/29/2023 19:16	14802 TREI_T2	2	0	-2	0.35	0	-0.35	0.34	0.34	0	0	0	0	0	0
10/29/2023 19:23	15001 BLMO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/29/2023 19:24	28403 HART_T2	0	0	0	0	0	0	-0.6	-0.63	1	1	0	900	900	0
10/29/2023 19:25	15001 BLMO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/29/2023 19:31	45501 DERR_T2	0	0	0	0	0	0	0.25	0.35	1	1	0	600	600	0
10/29/2023 19:31	10602 BLGL_T2	0	0	0	0	0	0	-0.01	-0.01	0	0	0	0	0	0
10/29/2023 19:31	43301 WATS_T2	1	1	0.5	0	0	-0.5	0	0	0	0	0	0	0	0
10/29/2023 19:31	15001 BLMO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/29/2023 19:32	61303 EARL_T1	0	0	0	0	0	0	-0.03	-0.02	0	0	0	0	0	0
10/29/2023 19:32	29401 BELT_T1	0	0	0	0	0	0	0	0	1	1	0	900	900	0
10/29/2023 19:32	42701 AUGU_T1	0	0	0	0	0	0	0	0	2	2	0	1800	1800	0
10/29/2023 19:33	45501 DERR_T2	0	0	0	0	0	0	0.25	0.35	1	1	0	600	600	0
10/29/2023 19:34	59101 WALK_T2	1	1	0	0	0	0	0.87	0.86	1	1	0	600	600	0
10/29/2023 19:35	49803 UNIV_T1	0	0	0	0	0	0	-1.13	-1.13	0	0	0	0	0	0
10/29/2023 19:35	60201 ATGL_T2	0	0	0	0	0	0	0.26	0.29	0	0	0	0	0	0
10/29/2023 19:35	42001 MNVL_T2	0	0	0	0	0	0	0.06	0.06	0	0	0	0	0	0
10/29/2023 19:35	13901 SEID_T1	0	0	0	0	0	0	0.19	0.19	0	0	0	0	0	0
10/29/2023 19:36	46302 ROHR_T1	4	3	1	0.9	1.15	0.25	0	0	0	0	0	0	0	0
10/29/2023 19:36	15001 BLMO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/29/2023 19:36	45501 DERR_T2	0	0	0	0	0	0	0.25	0.35	1	1	0	600	600	0
10/29/2023 19:37	59301 MCAL_T1	4	3	-1	0.73	0.93	0.2	-1.04	-1	0	0	0	0	0	0
10/29/2023 19:37	44802 EDAN_T2	0	0	0	0	0	0	-2.23	-2.24	1	1	0	1200	1200	0
10/29/2023 19:37	15001 BLMO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/29/2023 19:37	43202 MVIL_T2	0	0	0	0	0	0	-0.7	-0.72	0	0	0	0	0	0
10/29/2023 19:37	46801 HEPB_T2	2	2	0	0.25	0.3	0.05	0.59	0.58	0	0	0	0	0	0
10/29/2023 19:37	43301 WATS_T2	1	1	0	0.5	0	-0.5	-0.58	-0.59	1	1	0	900	900	0
10/29/2023 19:38	40101 HUNT_T2	0	0	0	0	0	0	-0.71	-0.72	0	0	0	0	0	0
10/29/2023 19:38	12701 MACU_T1	0	0	0	0	0	0	0.05	0.06	0	0	0	0	0	0
10/29/2023 19:38	59202 THOM_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/29/2023 19:38	59101 WALK_T2	1	1	0	0	0	0	0.87	0.86	1	1	0	600	600	0
10/29/2023 19:38	43301 WATS_T2	1	1	0	0.5	0	-0.5	0	0	0	0	0	0	0	0
10/29/2023 19:39	64201 KINZ_T1	3	3	0	0.57	0.53	-0.04	0	0	0	0	0	0	0	0
10/29/2023 19:39	41602 CLEV_T1	0	0	0	0	0	0	0	0	1	0	-1	600	0	-600
10/29/2023 19:39	65001 NEFF_T2	11	17	6	0.14	0.12	-0.02	-1.33	-1.26	1	1	0	1200	1200	0
10/29/2023 19:39	61303 EARL_T1	0	0	0	0	0	0	-0.03	-0.02	0	0	0	0	0	0
10/29/2023 19:41	43301 WATS_T2	1	1	0	0.5	0	-0.5	0	0	0	0	0	0	0	0
10/29/2023 19:42	15001 BLMO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/29/2023 19:42	44601 SALE_T2	0	0	0	0	0	0	-0.21	-0.22	0	0	0	0	0	0
10/29/2023 19:42	56802 BENV_T2	1	1	0	0.6	0.3	-0.3	-1.46	-1.47	0	0	0	0	0	0
10/29/2023 19:42	44801 EDAN_T2	1	1	0	0.5	0.4	-0.1	0	0	0	0	0	0	0	0
10/29/2023 19:42	66504 SMAN_T2	0	0	0	0	0	0	-1.77	-1.79	1	1	0	1200	1200	0
10/29/2023 19:42	12701 MACU_T1	0	0	0	0	0	0	0.06	0.06	0	0	0	0	0	0
10/29/2023 19:43	64201 KINZ_T1	3	3	0	0.57	0.53	-0.04	0.71	0.72	0	0	0	0	0	0
10/29/2023 19:43	53903 HALI_T2	1	0	-1	0.1	0	-0.1	-0.16	-0.1	0	0	0	0	0	0
10/29/2023 19:43	42201 SHEN_T2	0	0	0	0	0	0	0.69	0.69	0	0	0	0	0	0
10/29/2023 19:44	52402 GRPA_T2	4	4	0	0.58	0.65	0.07	0	0	0	0	0	0	0	0
10/29/2023 19:44	20403 ASHF_T2	0	0	0	0	0	0	0.22	0.23	0	0	0	0	0	0
10/29/2023 19:44	14802 TREI_T2	0	0	0	0	0	0	0.34	0.32	0	0	0	0	0	0
10/29/2023 19:44	12701 MACU_T1	0	0	0	0	0	0	0.06	0.06	0	0	0	0	0	0
10/29/2023 19:44	42002 MNVL_T2	1	1	0	2.5	2.4	-0.1	-0.79	-0.79	0	0	0	0	0	0
10/29/2023 19:44	55002 NEWP_T1	2	3	1	0.25	0.27	0.02	-0.28	-0.28	0	0	0	0	0	0
10/29/2023 19:44	65001 NEFF_T2	11	17	6	0.14	0.12	-0.02	-1.26	-1.31	1	1	0	1200	1200	0
10/29/2023 19:44	60101 COCA_T1	0	0	0	0	0	0	0.24	0.23	0	0	0	0	0	0
10/29/2023 19:45	60801 BUCK_T1	0	2	2	0	0.1	0.1	0	0	0	0	0	0	0	0
10/29/2023 19:45	49804 UNIV_T1	0	1	1	0	0	0	0	0	0	0	0	0	0	0
10/29/2023 19:45	43402 BENT_T1	0	0	0	0	0	0	-0.95	-0.96	1	1	0	900	900	0
10/29/2023 19:45	56801 BENV_T1	5	7	2	0.34	0.51	0.17	-0.8	-0.78	1	1	0	600	600	0
10/29/2023 19:46	44802 EDAN_T2	0	0	0	0	0	0	-2.24	-2.22	1	1	0	1200	1200	0
10/29/2023 19:47	43202 MVIL_T2	0	0	0	0	0	0	-0.72	-0.71	0	0	0	0	0	0
10/29/2023 19:48	46504 LOHA_T1	0	2	2	0	0.3	0.3	0	0	0	0	0	0	0	0
10/29/2023 19:48	56802 BENV_T2	1	1	0	0.3	0.1	-0.2	-1.46	-1.47	0	0	0	0	0	0
10/29/2023 19:48	65604 QVIL_T2	0	0	0	0	0	0	0.32	0.31	0	0	0	0	0	0
10/29/2023 19:48	59302 MCAL_T1	1	1	0	0.2	0.2	0	0.21	0.22	0	0	0	0	0	0
10/29/2023 19:48	56801 BENV_T1	5	7	2	0.34	0.51	0.17	-0.8	-0.78	1	1	0	600	600	0
10/29/2023 19:48	28604 BLYT_T2	0	0	0	0	0	0	-1.35	-1.33	0	0	0	0	0	0
10/29/2023 19:48	28403 HART_T2	0	0	0	0	0	0	-0.6	-0.63	1	1	0	900	900	0
10/29/2023 19:49	12701 MACU_T1	0	0	0	0	0	0	0.06	0.06	0	0	0	0	0	0
10/29/2023 19:49	56801 BENV_T1	5	7	2	0.34	0.51	0.17	-0.8	-0.78	1	1	0	600	600	0
10/29/2023 19:49	56802 BENV_T2	1	1	0	0.3	0.1	-0.2	-1.46	-1.47	0	0	0	0	0	0
10/29/2023 19:49	60101 COCA_T1	0	0	0	0	0	0	0.24	0.23	0	0	0	0	0	0
10/29/2023 19:49	44601 SALE_T2	0	0	0	0	0	0	-0.21	-0.22	0	0	0	0	0	0
10/29/2023 19:50	62606 ENGL_T1	0	1	1	0	0.1	0.1	0	0	0	0	0	0	0	0
10/29/2023 19:50	56801 BENV_T1	5	7	2	0.34	0.51	0.17	-1.6	-1.56	2	2	0	1200	1200	0
10/29/2023 19:50	45001 LIME_2	183	221	38	0.72	1.04	0.32	0	0	0	0	0	0	0	0
10/29/2023 19:50	41602 CLEV_T1	0	0	0	0	0	0	0	0	1	0	-1	600	0	-600
10/29/2023 19:50	45402 WILO_T2	1	1	0	1	0.8	-0.2	-0.79	-0.79	0	0	0	0	0	0
10/29/2023 19:51	55002 NEWP_T1	3	3	0	0.23	0.27	0.04	-0.28	-0.28	0	0	0	0	0	0
10/29/2023 19:51	56801 BENV_T1	5	7	2	0.34	0.51	0.17	-0.8	-0.78	1	1	0	600	600	0
10/29/2023 19:52	67503 WEWI_T2	0	0	0	0	0	0	-0.5	-0.52	0	0	0	0	0	0
10/29/2023 19:52	45001 LIME_2	183	221	38	0.72	1.04	0.32	0	0	0	0	0	0	0	0
10/29/2023 19:52	46903 MNTG_T2	0	1	1	0	0	0	0.46	0.47	0	0	0	0	0	0
10/29/2023 19:52	65001 NEFF_T2	17	66	49	0.12	0.15	0.03	-1.26	-1.31	1	1	0	1200	1200	0
10/29/2023 19:52	60801 BUCK_T1	0	2	2	0	0.1	0.1	-0.17	-0.17	0	0	0	0	0	0
10/29/2023 19:52	56802 BENV_T2	1	1	0	0.3	0.1	-0.2	-1.46	-1.47	0	0	0	0	0	0
10/29/2023 19:53	42701 AUGU_T1	0	0	0	0	0	0	0	0	2	2	0	1800	1800	0
10/29/2023 19:53	59101 WALK_T2	1	1	0	0	0	0	0.86	0.94	1	1	0	600	600	0
10/29/2023 19:53	65604 QVIL_T2	0	0	0	0	0	0	0.32	0.31	0	0	0	0	0	0
10/29/2023 19:53	66505 SMAN_T2	0	0	0	0	0	0	-0.23	-0.24	1	1	0	900	900	0
10/29/2023 19:54	62601 ENGL_T1	0	1	1	0	0	0	0	0	0	0	0	0	0	0
10/29/2023 19:54	67503 WEWI_T2	14	33	19	0.11	0.13	0.02	-1.5	-1.37	1	1	0	900	900	0
10/29/2023 19:54	41902 REED_T1	0	0	0	0	0	0	0.8	0.8	0	0	0	0	0	0
10/29/2023 19:54	43301 WATS_T2	1	0	-1	0.3	0	-0.3	-0.59	-0.59	1	1	0	900	900	0
10/29/2023 19:54	40101 HUNT_T2	0	0	0	0	0	0	-0.72	-0.75	0	0	0	0	0	0
10/29/2023 19:55	61801 EELI_T2	2	2	0	1.1	1.05	-0.05	-1.03	-1	1	1	0	600	600	0
10/29/2023 19:56	43301 WATS_T2	1	0	-1	0.3	0	-0.3	-0.59	-0.61	1	1	0	900	900	0
10/29/2023 19:56	41902 REED_T1	0	0	0	0	0	0	0.8	0.8	0	0	0	0	0	0
10/29/2023 19:56	67502 WEWI_T2	14	33	19	0.11	0.13	0.02	-2.73	-2.98	2	2	0	1800	1800	0
10/29/2023 19:57	54701 NEBL_T1	0	0	0	0	0	0	0	0	1	1	0	600	600	0
10/29/2023 19:57	67503 WEWI_T2	0	0	0	0	0	0	-0.52	-0.55	0	0	0	0	0	0
10/29/2023 19:57	56501 ROCK_T2	1	2	1	0.5	0.15	-0.35	-1.67	-1.65	0	0	0	0	0	0
10/29/2023 19:57	59302 MCAL_T1	1	1	0	0.2	0.2	0	0	0	0	0	0	0	0	0
10/29/2023 19:57	52403 GRPA_T2	0	0	0	0	0	0	-0.09	-0.12	0	0	0	0	0	0
10/29/2023 19:57	45702 LIND_T2	1	1	0	0.3	0.6	0.3	-0.52	-0.53	0	0	0	0	0	0
10/29/2023 19:58	67602 WARW_T2	0	0	0	0	0	0	0.14	0.17	1	1	0	1200	1200	0
10/29/2023 19:58	62604 ENGL_T1	0	0	0	0	0	0	-1.56	-1.56	1	1	0	600	600	0
10/29/2023 19:58	43304 WATS_T2	0	0	0	0	0	0	-1.45	-1.39	0	0	0	0	0	0
10/29/2023 19:58	67502 WEWI_T2	14	33	19	0.11	0.13	0.02	0	0	0	0	0	0	0	0
10/29/2023 19:59	59301 MCAL_T1	3	2	-1	0.9	1.35	0.45	-1.01	-1.04	0	0	0	0	0	0
10/29/2023 19:59	41902 REED_T1	0	0	0	0	0	0	0.8	0.8	0	0	0	0	0	0
10/29/2023 19:59	67502 WEWI_T2	14	33	19	0.11	0.13	0.02	-1.37	-1.49	1	1	0	900	900	0
10/29/2023 20:00	62604 ENGL_T1	0	0	0	0	0	0	-1.56	-1.56	1	1	0	600	600	0
10/29/2023 20:00	60201 ATGL_T2	0	3	3	0	0.27	0.27	0.24	0.2	0	0	0	0	0	0
10/29/2023 20:00	43304 WATS_T2	0	0	0	0	0	0	-0.73	-0.7	0	0	0	0	0	0
10/29/2023 20:00	46702 RENO_T1	0	0	0	0	0	0	-0.15	-0.14	0	0	0	0	0	0
10/29/2023 20:00	59101 WALK_T2	1	2	1	0	0	0	0.94	0.88	1	1	0	600	600	0
10/29/2023 20:01	63404 HONY_T1	144	119	-25	0.51	0.49	-0.02	0	0	0	0	0	0	0	0
10/29/2023 20:01	60501 NMAN_T2	3	3	0	4.5	4.6	0.1	0	0	0	0	0	0	0	0
10/29/2023 20:01	64101 REFR_T1	0	0	0	0	0	0	-0.2	-0.2	0	0	0	0	0	0
10/29/2023 20:01	46801 HEPB_T2	3	2	-1	0.4	0.35	-0.05	0.58	0.58	0	0	0	0	0	0
10/29/2023 20:01	60801 BUCK_T1	1	22	21	0.1	0.19	0.09	0	0	0	0	0	0	0	0
10/29/2023 20:01	56801 BENV_T1	5	7	2	0.52	0.51	-0.01	-0.78	-0.8	1	1	0	600	600	0
10/29/2023 20:02	59101 WALK_T2	1	2	1	0	0	0	0.94	0.88	1	1	0	600	600	0
10/29/2023 20:04	60803 BUCK_T1	7	10	3	0.23	0.31	0.08	0	0	0	0	0	0	0	0
10/29/2023 20:04	55002 NEWP_T1	3	3	0	0.27	0.33	0.06	-0.28	-0.28	0	0	0	0	0	0
10/29/2023 20:04	52402 GRPA_T2	4	4	0	0.63	0.7	0.07	0	0	0	0	0	0	0	0
10/29/2023 20:04	67401 WAKE_T2	0	0	0	0	0	0	-0.87	-0.87	0	0	0	0	0	0
10/29/2023 20:04	53903 HALI_T2	0	2	2	0	0.4	0.4	-0.1	-0.13	0	0	0	0	0	0
10/29/2023 20:05	67203 TEHI_T1	0	0	0	0	0	0	0.87	0.83	1	1	0	900	900	0
10/29/2023 20:07	52402 GRPA_T2	4	4	0	0.63	0.7	0.07	0	0	0	0	0	0	0	0
10/29/2023 20:08	56801 BENV_T1	5	7	2	0.52	0.51	-0.01	-0.78	-0.8	1	1	0	600	600	0
10/29/2023 20:09	66703 STRA_T1	1	2	1	0.1	0.25	0.15	-0.42	-0.42	0	0	0	0	0	0
10/29/2023 20:11	58402 MORO_T1	0	0	0	0	0	0	-1.52	-1.34	2	2	0	1500	1500	0
10/29/2023 20:14	65001 NEFF_T2	4	143	139	0.15	0.16	0.01	-1.28	-1.35	1	1	0	1200	1200	0
10/29/2023 20:29	65001 NEFF_T2	66	211	145	0.15	0.22	0.07	-1.35	-1.36	1	1	0	1200	1200	0
10/29/2023 20:29	66505 SMAN_T2	0	3	3	0	0.3	0.3	-0.39	-0.31	1	1	0	900	900	0
10/29/2023 20:44	65001 NEFF_T2	138	219	81	0.15	0.22	0.07	-1.36	-1.36	1	1	0	1200	1200	0
10/29/2023 20:49	41801 GOCI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/29/2023 20:57	66505 SMAN_T2	0	3	3	0	0.57	0.57	0	0	0	0	0	0	0	0
10/29/2023 21:00	41801 GOCI_T2	0	1	1	0	0	0	0	0	0	0	0	0	0	0
10/30/2023 0:28	56802 BENV_T2	1	1	0	0.6	0.8	0.2	-1.66	-1.7	0	0	0	0	0	0
10/30/2023 0:28	20403 ASHF_T2	0	0	0	0	0	0	0	-0.04	0	0	0	0	0	0
10/30/2023 0:28	43203 MVIL_T2	0	0	0	0	0	0	-0.44	-0.44	0	0	0	0	0	0
10/30/2023 0:28	28601 BLYT_T2	1	0	-1	0.1	0	-0.1	0	0	0	0	0	0	0	0
10/30/2023 0:28	62605 ENGL_T1	0	5	5	0	0.14	0.14	0	0	0	0	0	0	0	0
10/30/2023 0:28	59101 WALK_T2	1	1	0	0	0	0	0.91	1.08	0	0	0	0	0	0
10/30/2023 0:28	41901 REED_T1	0	0	0	0	0	0	-1.68	-1.66	1	1	0	900	900	0
10/30/2023 0:28	40101 HUNT_T2	0	0	0	0	0	0	-0.78	-0.78	0	0	0	0	0	0
10/30/2023 0:28	46203 DANV_T2	0	0	0	0	0	0	-0.29	-0.3	0	0	0	0	0	0
10/30/2023 4:12	53901 HALI_T2	1	1	0	0.1	0.2	0.1	0	0	0	0	0	0	0	0
10/30/2023 4:24	65001 NEFF_T2	0	0	0	0	0	0	-1.44	-1.37	1	1	0	1200	1200	0
10/30/2023 5:01	65002 NEFF_T2	1	0	-1	3.4	0	-3.4	0	0	0	0	0	0	0	0
10/30/2023 7:12	46203 DANV_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/30/2023 7:16	54701 NEBL_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/30/2023 7:55	45502 DERR_T2	0	1	1	0	0	0	0	0	0	0	0	0	0	0
10/30/2023 7:58	45501 DERR_T2	0	0	0	0	0	0	0.97	1.06	2	2	0	1800	1800	0
10/30/2023 8:16	46801 HEPB_T2	2	2	0	0.55	0.6	0.05	0.53	0.58	0	0	0	0	0	0
10/30/2023 8:18	54701 NEBL_T1	0	0	0	0	0	0	0	0	1	1	0	600	600	0
10/30/2023 8:28	45802 HEGI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/30/2023 8:33	55002 NEWP_T1	6	6	0	0.38	0.9	0.52	-0.26	-0.24	0	0	0	0	0	0
10/30/2023 8:37	13901 SEID_T1	0	0	0	0	0	0	0.2	0.19	0	0	0	0	0	0
10/30/2023 8:42	56802 BENV_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/30/2023 8:43	53601 DALM_T2	1	1	0	1.1	1.2	0.1	-0.58	-0.58	1	1	0	900	900	0
10/30/2023 8:44	46803 HEPB_T2	0	0	0	0	0	0	0.28	0.28	0	0	0	0	0	0
10/30/2023 8:53	43301 WATS_T2	1	1	0	0.2	0.6	0.4	0	0	0	0	0	0	0	0
10/30/2023 8:53	56501 ROCK_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/30/2023 8:55	65001 NEFF_T2	0	0	0	0	0	0	-0.56	-0.6	1	1	0	1200	1200	0
10/30/2023 8:59	40101 HUNT_T2	0	0	-1	0.1	0	-0.1	-0.27	-0.26	0	0	0	0	0	0
10/30/2023 9:04	55002 NEWP_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/30/2023 9:05	65901 SAKR_T2	1	2	1	8.6	8.8	0.2	0	0	0	0	0	0	0	0
10/30/2023 9:05	55002 NEWP_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/30/2023 9:11	53501 EVIL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/30/2023 9:13	53501 EVIL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/30/2023 9:16	49804 UNIV_T1	1	0	-1	0.1	0	-0.1	0	0	0	0	0	0	0	0
10/30/2023 9:19	13302 ORVI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/30/2023 9:21	56504 ROCK_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/30/2023 9:21	57403 SPAN_T1	0	0	0

Appendix C - Grid Benefits Achieved in Each Instance of Active Management

10/30/2023 10:00	41901 REED_T1	10	10	0	0.55	0.4	-0.15	-1.37	-1.35	1	1	0	900	900	0
10/30/2023 10:00	45702 LIND_T2	1	1	0	0.6	0.8	0.2	-0.51	-0.42	0	0	0	0	0	0
10/30/2023 10:00	26401 INOR_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/30/2023 10:00	46003 BERW_T2	1	1	0	1	0.9	-0.1	0	0	0	0	0	0	0	0
10/30/2023 10:00	67502 WEWI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/30/2023 10:00	13302 ORVI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/30/2023 10:00	65902 SAKR_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/30/2023 10:00	12604 MACA_T1	0	0	0	0	0	0	0.25	0.28	0	0	0	0	0	0
10/30/2023 10:00	43301 WATS_T2	1	1	0	0.7	0.2	-0.5	0	0	0	0	0	0	0	0
10/30/2023 10:00	67605 WARW_T1	4	2	-2	0.23	0.15	-0.08	0	0	0	0	0	0	0	0
10/30/2023 10:00	40602 PIGR_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/30/2023 10:00	64801 MONE_T2	0	0	0	0	0	0	-0.01	-0.01	0	0	0	0	0	0
10/30/2023 10:00	22901 HARW_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/30/2023 10:00	46203 DANV_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/30/2023 10:00	55101 WERT_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/30/2023 10:00	45802 HEGI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/30/2023 10:00	57403 SPAN_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/30/2023 10:00	54701 NEBL_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/30/2023 10:00	67001 STHI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/30/2023 10:00	56802 BENV_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/30/2023 10:00	55002 NEWP_T1	5	6	1	0.64	0.9	0.26	-0.54	-0.46	0	0	0	0	0	0
10/30/2023 10:00	56601 HAMP_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/30/2023 10:00	52503 PROG_T2	0	0	0	0	0	0	-0.74	-0.74	1	1	0	900	900	0
10/30/2023 10:00	40101 HUNT_T2	0	0	0	0	0	0	-0.14	-0.14	0	0	0	0	0	0
10/30/2023 10:00	53501 EVIL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/30/2023 10:04	58402 MORO_T1	1	0	-1	0.1	0	-0.1	-4.41	-4.35	6	6	0	4800	4800	0
10/30/2023 10:05	57403 SPAN_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/30/2023 10:06	13901 SEID_T1	0	0	0	0	0	0	0.19	0.19	0	0	0	0	0	0
10/30/2023 10:07	40903 JESH_T1	0	1	1	0	0	0	0	0	0	0	0	0	0	0
10/30/2023 10:07	42201 SHEN_T2	0	0	0	0	0	0	0.08	0.1	1	1	0	600	600	0
10/30/2023 10:08	67502 WEWI_T2	16	32	16	0.11	0.12	0.01	0	0	0	0	0	0	0	0
10/30/2023 10:08	42201 SHEN_T2	0	0	0	0	0	0	0.08	0.1	1	1	0	600	600	0
10/30/2023 10:08	65902 SAKR_T2	1	1	0	0.3	0	-0.3	0	0	3	2	-1	1800	1200	-600
10/30/2023 10:08	29402 BELT_T1	1	1	0	8.1	8.2	0.1	0	0	0	0	0	0	0	0
10/30/2023 10:09	53601 DALM_T2	1	1	0	0.1	0.9	0.8	-0.53	-0.59	1	1	0	900	900	0
10/30/2023 10:09	10801 CHHI_T1	0	0	0	0	0	0	-0.75	-0.82	1	1	0	900	900	0
10/30/2023 10:09	59101 WALK_T2	1	1	0	0	0	0	4.6	3.52	0	2	2	0	1200	1200
10/30/2023 10:09	29402 BELT_T1	1	1	0	8.1	8.2	0.1	0	0	0	0	0	0	0	0
10/30/2023 10:09	20403 ASHF_T2	0	0	0	0	0	0	1.19	1.2	0	0	0	0	0	0
10/30/2023 10:09	45501 DERR_T2	0	0	0	0	0	0	1.01	0.99	2	2	0	1800	1800	0
10/30/2023 10:10	45501 DERR_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/30/2023 10:10	15001 BLMO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/30/2023 10:10	56802 BENV_T2	1	1	0	0.9	0.7	-0.2	-0.7	-0.74	0	0	0	0	0	0
10/30/2023 10:10	53903 HALI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/30/2023 10:10	20403 ASHF_T2	0	0	0	0	0	0	1.19	1.2	0	0	0	0	0	0
10/30/2023 10:10	56801 BENV_T1	33	33	0	0.91	0.8	-0.11	-0.85	-0.83	1	1	0	600	600	0
10/30/2023 10:10	42701 AUGU_T1	1	1	0	0.3	0.2	-0.1	0	0	2	2	0	1800	1800	0
10/30/2023 10:11	56802 BENV_T2	1	1	0	0.9	0.7	-0.2	-1.48	-1.46	0	0	0	0	0	0
10/30/2023 10:11	42701 AUGU_T1	1	1	0	0.3	0.2	-0.1	0	0	2	2	0	1800	1800	0
10/30/2023 10:11	28403 HART_T2	0	0	0	0	0	0	-0.86	-0.86	1	1	0	900	900	0
10/30/2023 10:11	53501 EVIL_T2	1	1	0	0.1	0.2	0.1	-0.83	-0.64	4	4	0	2400	2400	0
10/30/2023 10:12	45402 WBLO_T2	1	1	0	1.1	1.2	0.1	0	0	0	0	0	0	0	0
10/30/2023 10:12	60801 BUCK_T1	0	0	0	0	0	0	0.19	0.27	0	0	0	0	0	0
10/30/2023 10:12	44802 EDAN_T2	0	0	0	0	0	0	-2.2	-2.16	1	1	0	1200	1200	0
10/30/2023 10:13	45501 DERR_T2	0	0	0	0	0	0	0.99	1.01	2	2	0	1800	1800	0
10/30/2023 10:14	53501 EVIL_T2	1	1	0	0.1	0.2	0.1	-0.42	-0.32	2	2	0	1200	1200	0
10/30/2023 10:14	45501 DERR_T2	0	0	0	0	0	0	0.99	1.01	2	2	0	1800	1800	0
10/30/2023 10:14	44801 EDAN_T2	0	1	1	0	0	0	0	0	0	0	0	0	0	0
10/30/2023 10:15	45802 HEGI_T2	1	0	-1	0.1	0	-0.1	1.01	0.84	0	0	0	0	0	0
10/30/2023 10:15	40101 HUNT_T2	0	0	0	0	0	0	-0.14	-0.12	0	0	0	0	0	0
10/30/2023 10:16	23301 JEFF_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/30/2023 10:16	13302 ORVI_T2	0	0	0	0	0	0	0.86	0.97	0	0	0	0	0	0
10/30/2023 10:16	43201 MVIL_T2	0	0	0	0	0	0	-0.29	-0.28	0	0	0	0	0	0
10/30/2023 10:16	21606 EYNO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/30/2023 10:17	46801 HEPB_T2	2	2	0	0.3	0.3	0	0.57	0.59	0	0	0	0	0	0
10/30/2023 10:17	42001 MNVL_T2	0	0	0	0	0	0	0.02	0.02	0	0	0	0	0	0
10/30/2023 10:18	46302 ROHR_T1	2	2	0	1.4	2.2	0.8	0	0	0	0	0	0	0	0
10/30/2023 10:18	54701 NEBL_T1	1	1	0	0.2	0.1	-0.1	0	0	1	1	0	600	600	0
10/30/2023 10:18	56501 ROCK_T2	21	50	29	0.6	0.29	-0.31	-1.72	-1.75	0	0	0	0	0	0
10/30/2023 10:19	49803 UNIV_T1	0	0	0	0	0	0	-1.09	-1.07	0	0	0	0	0	0
10/30/2023 10:20	43202 MVIL_T2	0	0	0	0	0	0	-0.59	-0.61	0	0	0	0	0	0
10/30/2023 10:21	56501 ROCK_T2	21	50	29	0.6	0.29	-0.31	-1.72	-1.75	0	0	0	0	0	0
10/30/2023 10:22	56801 BENV_T1	32	33	1	0.73	0.75	0.02	-0.83	-0.85	1	1	0	600	600	0
10/30/2023 10:22	67502 WEWI_T2	0	32	32	0	0.12	0.12	-0.26	-0.23	0	0	0	0	0	0
10/30/2023 10:23	65001 NEFF_T2	0	1	1	0	0.1	0.1	-0.64	-0.64	1	1	0	1200	1200	0
10/30/2023 10:23	15001 BLMO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/30/2023 10:23	28604 BLYT_T2	0	0	0	0	0	0	-1.43	-1.43	0	0	0	0	0	0
10/30/2023 10:24	43304 WATS_T2	0	0	0	0	0	0	-0.22	-0.23	0	0	0	0	0	0
10/30/2023 10:24	15001 BLMO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/30/2023 10:25	43202 MVIL_T2	0	0	0	0	0	0	-0.59	-0.61	0	0	0	0	0	0
10/30/2023 10:25	67502 WEWI_T2	0	32	32	0	0.12	0.12	-0.26	-0.23	0	0	0	0	0	0
10/30/2023 10:25	56801 BENV_T1	32	33	1	0.73	0.75	0.02	-1.66	-1.69	2	2	0	1200	1200	0
10/30/2023 10:26	67502 WEWI_T2	0	32	32	0	0.12	0.12	-0.23	-0.27	0	0	0	0	0	0
10/30/2023 10:26	15001 BLMO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/30/2023 10:26	28604 BLYT_T2	0	0	0	0	0	0	-1.43	-1.42	0	0	0	0	0	0
10/30/2023 10:27	56801 BENV_T1	32	33	1	0.73	0.75	0.02	-0.85	-0.84	1	1	0	600	600	0
10/30/2023 10:28	12701 MACU_T1	0	0	0	0	0	0	0.06	0.06	0	0	0	0	0	0
10/30/2023 10:28	52402 GRPA_T2	4	4	0	1.03	1.15	0.12	0	0	0	0	0	0	0	0
10/30/2023 10:29	43402 BENT_T1	0	0	0	0	0	0	-0.75	-0.72	1	1	0	900	900	0
10/30/2023 10:30	52403 GRPA_T2	0	0	0	0	0	0	0.08	0	0	0	0	0	0	0
10/30/2023 10:31	58402 MORO_T1	0	0	0	0	0	0	-2.18	-2.16	3	3	0	2400	2400	0
10/30/2023 10:32	12701 MACU_T1	0	0	0	0	0	0	0.06	0.06	0	0	0	0	0	0
10/30/2023 10:34	60201 ATGL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/30/2023 10:34	67002 STHE_T2	16	0	-16	0.12	0	-0.12	0	0	0	0	0	0	0	0
10/30/2023 10:35	59101 WALK_T2	1	1	0	0	0	0	1.84	1.73	1	1	0	600	600	0
10/30/2023 10:36	67001 STHI_T2	440	1	-439	0.16	0.4	0.24	0	0	0	0	0	0	0	0
10/30/2023 10:36	59202 THOM_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/30/2023 10:37	43301 WATS_T2	1	1	0	0.2	0.5	0.3	0	0	0	0	0	0	0	0
10/30/2023 10:38	43304 WATS_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/30/2023 10:38	59101 WALK_T2	1	1	0	0	0	0	1.84	1.73	1	1	0	600	600	0
10/30/2023 10:39	67502 WEWI_T2	32	0	-32	0.12	0	-0.12	-0.23	-0.27	0	0	0	0	0	0
10/30/2023 10:39	46203 DANV_T2	0	0	0	0	0	0	-0.14	-0.13	0	0	0	0	0	0
10/30/2023 10:39	59101 WALK_T2	1	1	0	0	0	0	1.84	1.73	1	1	0	600	600	0
10/30/2023 10:40	29402 BELT_T1	1	30	29	8.1	8.3	0.2	0	0	0	0	0	0	0	0
10/30/2023 10:40	59101 WALK_T2	1	1	0	0	0	0	1.84	1.73	1	1	0	600	600	0
10/30/2023 10:41	29402 BELT_T1	1	30	29	8.1	8.3	0.2	0	0	0	0	0	0	0	0
10/30/2023 10:45	12701 MACU_T1	0	0	0	0	0	0	0.06	0.05	0	0	0	0	0	0
10/30/2023 10:48	41902 REED_T1	0	0	0	0	0	0	1.03	1.08	0	0	0	0	0	0
10/30/2023 10:48	12701 MACU_T1	0	0	0	0	0	0	0.06	0.05	0	0	0	0	0	0
10/30/2023 10:48	13704 SCHN_T2	0	0	0	0	0	0	-0.4	-0.39	0	0	0	0	0	0
10/30/2023 10:49	59003 MIFF_T1	0	0	0	0	0	0	-0.88	-0.68	0	0	0	0	0	0
10/30/2023 10:50	46903 MNTG_T2	0	0	0	0	0	0	0.23	0.23	1	1	0	600	600	0
10/30/2023 10:50	64204 KINZ_T1	1	1	0	1	1.5	0.5	0	0	0	0	0	0	0	0
10/30/2023 10:50	46301 ROHR_T1	0	0	0	0	0	0	0.12	0.13	0	0	0	0	0	0
10/30/2023 10:51	41902 REED_T1	0	0	0	0	0	0	1.03	1.08	0	0	0	0	0	0
10/30/2023 10:52	41902 REED_T1	0	0	0	0	0	0	1.03	1.08	0	0	0	0	0	0
10/30/2023 10:52	55101 WERT_T1	0	0	0	0	0	0	-1.02	-1.06	2	2	0	1500	1500	0
10/30/2023 10:53	29402 BELT_T1	1	1	0	8.3	8.4	0.1	0	0	0	0	0	0	0	0
10/30/2023 10:53	13704 SCHN_T2	0	0	0	0	0	0	-0.4	-0.39	0	0	0	0	0	0
10/30/2023 10:54	60803 BUCK_T1	0	0	0	0	0	0	-0.9	-0.87	1	1	0	600	600	0
10/30/2023 10:55	15001 BLMO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/30/2023 10:55	67503 WEWI_T2	0	0	0	0	0	0	-0.59	0.3	0	0	0	0	0	0
10/30/2023 10:56	60803 BUCK_T1	0	0	0	0	0	0	-0.87	-0.9	1	1	0	600	600	0
10/30/2023 10:56	65604 QVIL_T2	0	0	0	0	0	0	0.56	0.56	0	0	0	0	0	0
10/30/2023 10:58	65604 QVIL_T2	0	0	0	0	0	0	0.56	0.56	0	0	0	0	0	0
10/30/2023 11:01	46901 MNTG_T2	0	0	0	0	0	0	1.97	1.81	0	0	0	0	0	0
10/30/2023 11:01	46803 HEPB_T2	0	0	0	0	0	0	0.24	0.26	0	0	0	0	0	0
10/30/2023 11:01	28403 HART_T2	0	0	0	0	0	0	-0.83	-0.87	1	1	0	900	900	0
10/30/2023 11:03	55002 NEWP_T1	6	6	0	0.67	0.57	-0.1	-0.24	-0.24	0	0	0	0	0	0
10/30/2023 11:03	44601 SALE_T2	0	0	0	0	0	0	1.18	0.19	1	1	0	600	600	0
10/30/2023 11:04	49803 UNIV_T1	0	0	0	0	0	0	-1	-1.06	0	0	0	0	0	0
10/30/2023 11:04	57401 SPAN_T1	2	2	0	0.25	1	0.75	0	0	0	0	0	0	0	0
10/30/2023 11:05	44601 SALE_T2	0	0	0	0	0	0	1.18	0.19	1	1	0	600	600	0
10/30/2023 11:05	54701 NEBL_T1	0	0	0	0	0	0	0	0	1	1	0	600	600	0
10/30/2023 11:06	16302 ALPA_T2	0	0	0	0	0	0	0.59	0.62	0	0	0	0	0	0
10/30/2023 11:06	66505 SMAN_T2	0	0	0	0	0	0	0.45	0.53	2	2	0	1100	1100	0
10/30/2023 11:07	16302 ALPA_T2	0	0	0	0	0	0	0.59	0.62	0	0	0	0	0	0
10/30/2023 11:07	29402 BELT_T1	1	1	0	7.3	8.4	1.1	0	0	0	0	0	0	0	0
10/30/2023 11:07	57401 SPAN_T1	2	2	0	0.25	1	0.75	0	0	0	0	0	0	0	0
10/30/2023 11:07	53903 HALI_T2	2	2	0	0.8	1.1	0.3	0	0	0	0	0	0	0	0
10/30/2023 11:08	67203 TEHI_T1	0	1	1	0	0	0	1.77	1.8	2	2	0	1500	1500	0
10/30/2023 11:08	13704 SCHN_T2	0	2	2	0	0.1	0.1	-0.39	-0.4	0	0	0	0	0	0
10/30/2023 11:09	59101 WALK_T2	1	1	0	0	0	0	1.64	1.32	1	0	-1	600	0	-600
10/30/2023 11:09	26401 INOR_T1	0	0	0	0	0	0	0.64	0.77	0	0	0	0	0	0
10/30/2023 11:10	56802 BENV_T2	1	1	0	0.8	0.7	-0.1	-0.73	-0.73	0	0	0	0	0	0
10/30/2023 11:10	61801 EELI_T2	2	2	0	0.8	0.8	0	-0.23	-0.21	0	0	0	0	0	0
10/30/2023 11:11	16302 ALPA_T2	0	0	0	0	0	0	1.24	1.27	0	0	0	0	0	0
10/30/2023 11:12	45402 WBLO_T2	1	3	2	0.9	0.57	-0.33	-0.72	-0.75	0	0	0	0	0	0
10/30/2023 11:12	53903 HALI_T2	2	2	0	0.8	1.1	0.3	-0.16	-0.16	0	0	0	0	0	0
10/30/2023 11:13	45501 DERR_T2	0	0	0	0	0	0	2.06	1.87	4	4	0	3600	3600	0
10/30/2023 11:16	52401 GRPA_T2	0	0	0	0	0	0	-0.49	-0.5	0	0	0	0	0	0
10/30/2023 11:16	46901 MNTG_T2	0	0	0	0	0	0	1.81	1.84	0	0	0	0	0	0
10/30/2023 11:17	39601 LNFD_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/30/2023 11:18	60502 NMAN_T2	0	0	0	0	0	0	-0.05	-0.12	0	0	0	0	0	0
10/30/2023 11:18	55002 NEWP_T1	6	5	-1	0.5	0.44	-0.06	-0.24	-0.26	0	0	0	0	0	0
10/30/2023 11:19	13704 SCHN_T2	0	2	2	0	0.1	0.1	-0.4	-0.37	0	0	0	0	0	0
10/30/2023 11:20	65902 SAKR_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/30/2023 11:20	56504 ROCK_T2	0	0	0	0	0	0	-0.33	-0.37	0	0	0	0	0	0
10/30/2023 11:21	56504 ROCK_T2	0	0	0	0	0	0	-0.16	-0.18	0	0	0	0	0	0
10/30/2023 11:22	67503 WEWI_T2	0	0	0	0	0	0	-0.41	-0.44	0	0	0	0	0	0
10/30/2023 11:22	55101 WERT_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/30/2023 11:23	29402 BELT_T1	1	1	0	8.4	8.3	-0.1	0	0	0	0	0	0	0	0
10/30/2023 11:25	10801 CHHI_T2	1	1	0	8.9	8.7	-0.2	-0.25	-0.25	1	1	0	600	600	0
10/30/2023 11:26	56801 BENV_T1	28	31	3	0.54	0.62	0.08	-1.68	-1.68	2	2	0	1200	1200	0
10/30/2023 11:27	56504 ROCK_T2	0	0	0	0	0	0	-0.18	-0.18	0	0	0	0	0	0
10/30/2023 11:27	41801 GOCI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/30/2023 11:28	66703 STRA_T1	0	0	0	0	0	0	-0.23	-0.17	0	0	0	0	0	0
10/30/2023 11:28	53903 HALI_T2	2	2	0	1.1	1.3	0.2	-0.16	-0.16	0	0	0	0	0	0
10/30/2023 11:28	41801 GOCI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/30/2023 11:29	40101 HUNT_T2	0	0	0	0	0	0	-0.17	-0.13	0	0	0	0	0	0
10/30/2023 11:31	59003 MIFF_T1	0	0	0	0	0	0	-2.4	-2.06	0	0	0	0	0	0
10/30/2023 11:31	41801 GOCI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/30/2023 11:32	46901 MNTG_T2	0	0	0	0	0	0	1.84	1.83	0	0	0	0	0	0
10/30/2023 11:32	60201 ATGL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/30/2023 11:33	63802 HEMP_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/30/2023 11:34	13704 SCHN_T2	2	4	2	0.1	0.1	0	-0.37	-0.39	0	0	0	0	0	0
10/30/2023 11:35	13901 SEID_T1	0	0	0	0	0	0	0.19	0.18	0	0	0	0	0	0
10/30/2023 11:35	13704 SCHN_T2	2	4	2	0.1	0.1	0	-0.75	-0.77	0	0	0	0	0	0
10/30/2023 11:35	54206 PENN_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/30/2023 11:35	43301 WATS_T2	1	1	0	0.7	1.1	0.4	0	0	0	0	0	0	0	0
10/30/2023 11:36	43304 WATS_T2	0	1	1	0	0	0	0

Appendix C - Grid Benefits Achieved in Each Instance of Active Management

10/30/2023 12:08	42701 AUGU_T1	1	1	0	0.4	0.7	0.3	0	0	2	2	0	1800	1800	0
10/30/2023 12:08	15001 BLMO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/30/2023 12:09	56802 BENV_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/30/2023 12:10	65604 QVIL_T2	0	0	0	0	0	0	0.57	0.57	1	0	0	0	0	0
10/30/2023 12:11	42701 AUGU_T1	1	1	0	0.4	0.7	0.3	0	0	4	4	0	3600	3600	0
10/30/2023 12:13	65604 QVIL_T2	0	0	0	0	0	0	0.57	0.57	0	0	0	0	0	0
10/30/2023 12:18	52402 GRPA_T2	2	4	2	1.25	1.2	-0.05	0	0	0	0	0	0	0	0
10/30/2023 12:19	52403 GRPA_T2	0	0	0	0	0	0	-0.22	-0.2	0	0	0	0	0	0
10/30/2023 12:19	65903 SAKR_T2	0	2	2	0	0.1	0.1	0	0	0	0	0	0	0	0
10/30/2023 12:21	55101 WERT_T1	0	0	0	0	0	0	-1.03	-1.08	2	2	0	1500	1500	0
10/30/2023 12:21	67203 TEHI_T1	0	0	0	0	0	0	1.92	1.62	2	2	0	1500	1500	0
10/30/2023 12:25	65003 NEFF_T2	0	9	9	0	0.23	0.23	0	0	0	0	0	0	0	0
10/30/2023 12:28	45001 LIME_2	1	3	2	0.1	0.1	0	0	0	0	0	0	0	0	0
10/30/2023 12:29	63804 HEMP_T1	1	2	1	6.3	2.9	-3.4	0	0	0	0	0	0	0	0
10/30/2023 12:29	45001 LIME_2	1	3	2	0.1	0.1	0	0	0	0	0	0	0	0	0
10/30/2023 12:30	63802 HEMP_T1	0	0	0	0	0	0	-0.44	-0.42	0	0	0	0	0	0
10/30/2023 12:31	64702 LITI_T2	0	0	0	0	0	0	-0.62	-0.57	0	0	0	0	0	0
10/30/2023 12:32	65502 MOJO_T2	9	0	0	-9	0.1	-0.1	0	0	0	0	0	0	0	0
10/30/2023 12:32	64702 LITI_T2	0	0	0	0	0	0	-0.62	-0.57	0	0	0	0	0	0
10/30/2023 12:34	67001 STHI_T2	377	585	208	0.15	0.25	0.1	0	0	0	0	0	0	0	0
10/30/2023 12:35	65503 MOJO_T2	0	0	0	0	0	0	0.06	0.04	0	0	0	0	0	0
10/30/2023 12:36	67001 STHI_T2	377	585	208	0.15	0.25	0.1	0	0	0	0	0	0	0	0
10/30/2023 12:38	67001 STHI_T2	377	585	208	0.15	0.25	0.1	0	0	0	0	0	0	0	0
10/30/2023 12:39	67002 STHI_T2	10	160	150	0.1	0.13	0.03	0.73	0.71	0	0	0	0	0	0
10/30/2023 12:40	44801 EDAN_T2	1	1	0	0.1	0.4	0.3	0	0	0	0	0	0	0	0
10/30/2023 12:40	61103 BERK_T5	0	0	0	0	0	0	0.62	0.53	0	0	0	0	0	0
10/30/2023 12:41	61103 BERK_T5	0	0	0	0	0	0	0.53	0.52	0	0	0	0	0	0
10/30/2023 12:42	61103 BERK_T5	0	0	0	0	0	0	0.53	0.52	0	0	0	0	0	0
10/30/2023 12:44	61303 EARL_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/30/2023 12:47	13105 NHAM_T2	0	0	0	0	0	0	-0.31	-0.28	1	1	0	1200	1200	0
10/30/2023 12:47	44802 EDAN_T2	0	0	0	0	0	0	-2.18	-2.18	1	1	0	1200	1200	0
10/30/2023 12:50	61103 BERK_T5	0	0	0	0	0	0	0.53	0.52	0	0	0	0	0	0
10/30/2023 12:54	54505 ENOL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/30/2023 12:55	62605 ENGL_T1	10	4	-6	0.13	0.1	-0.03	0	0	0	0	0	0	0	0
10/30/2023 12:55	43301 WATS_T2	1	1	0	0.4	0.2	-0.2	-0.69	-0.65	1	1	0	900	900	0
10/30/2023 12:56	43304 WATS_T2	0	0	0	0	0	0	-0.47	-0.42	0	0	0	0	0	0
10/30/2023 12:56	62605 ENGL_T1	10	4	-6	0.13	0.1	-0.03	0	0	0	0	0	0	0	0
10/30/2023 12:58	43301 WATS_T2	1	1	0	0.4	0.2	-0.2	0	0	0	0	0	0	0	0
10/30/2023 13:00	59003 MIFF_T1	0	0	0	0	0	0	-0.19	-0.67	0	0	0	0	0	0
10/30/2023 13:01	62604 ENGL_T1	0	0	0	0	0	0	-1.4	-1.44	1	1	0	600	600	0
10/30/2023 13:03	26401 INOR_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/30/2023 13:03	67203 TEHI_T1	0	1	1	0	0.3	0.3	1.88	2.01	2	2	0	1500	1500	0
10/30/2023 13:06	65901 SAKR_T2	1	1	0	9.2	9.3	0.1	0	0	0	0	0	0	0	0
10/30/2023 13:08	14801 TREI_T2	5	18	13	0.16	0.13	-0.03	0.27	0.28	0	0	0	0	0	0
10/30/2023 13:08	43304 WATS_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/30/2023 13:09	20401 ASHF_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/30/2023 13:13	26401 INOR_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/30/2023 13:17	42902 MIDD_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/30/2023 13:24	43304 WATS_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/30/2023 13:26	54505 ENOL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/30/2023 13:29	26401 INOR_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/30/2023 13:36	52501 PROG_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/30/2023 13:37	67401 WAKE_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/30/2023 13:39	67001 STHI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/30/2023 13:39	67002 STHI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/30/2023 13:40	43304 WATS_T2	0	0	0	0	0	0	-0.43	-0.4	0	0	0	0	0	0
10/30/2023 13:41	46003 BERW_T2	0	1	1	0	0.2	0.2	0	0	0	0	0	0	0	0
10/30/2023 13:42	61303 EARL_T1	0	0	0	0	0	0	0.63	0.62	0	0	0	0	0	0
10/30/2023 13:45	66302 MCGD_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/30/2023 13:45	26401 INOR_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/30/2023 13:45	23301 JEFF_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/30/2023 13:46	21606 EYNO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/30/2023 13:47	60201 ATGL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/30/2023 13:49	13904 SEID_T1	0	1	1	0	0	0	0	0	0	0	0	0	0	0
10/30/2023 13:51	59101 WALK_T2	1	9	8	0	0.11	0.11	5.62	5.28	3	3	0	1800	1800	0
10/30/2023 13:52	59101 WALK_T2	1	9	8	0	0.11	0.11	1.87	1.76	1	1	0	600	600	0
10/30/2023 13:55	59101 WALK_T2	1	9	8	0	0.11	0.11	3.75	3.52	2	2	0	1200	1200	0
10/30/2023 13:55	60102 COCA_T1	0	0	0	0	0	0	0.86	0.7	2	2	0	1200	1200	0
10/30/2023 13:57	41801 GOCI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/30/2023 13:57	26401 INOR_T1	0	0	0	0	0	0	0.7	0.68	0	0	0	0	0	0
10/30/2023 13:59	64301 LINC_T1	0	0	0	0	0	0	0.11	0.08	1	1	0	600	600	0
10/30/2023 14:00	41802 GOCI_T2	0	19	19	0	0	0	0	0	0	0	0	0	0	0
10/30/2023 14:05	67001 STHI_T2	282	613	331	0.13	0.29	0.16	0	0	0	0	0	0	0	0
10/30/2023 14:06	65902 SAKR_T2	1	0	-1	0.1	0	-0.1	0	0	2	2	0	1200	1200	0
10/30/2023 14:06	43304 WATS_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/30/2023 14:06	67002 STHI_T2	1	219	218	0.1	0.14	0.04	0.65	0.66	0	0	0	0	0	0
10/30/2023 14:06	59101 WALK_T2	1	29	28	0	0.16	0.16	1.76	1.63	1	1	0	600	600	0
10/30/2023 14:07	66703 STRA_T1	0	0	0	0	0	0	-0.17	-0.1	0	0	0	0	0	0
10/30/2023 14:07	43304 WATS_T2	0	0	0	0	0	0	-0.46	-0.48	0	0	0	0	0	0
10/30/2023 14:07	20403 ASHF_T2	16	25	9	0.21	0.23	0.02	0.14	0.15	0	0	0	0	0	0
10/30/2023 14:07	42701 AUGU_T1	1	0	-1	0.3	0	-0.3	0	0	2	2	0	1800	1800	0
10/30/2023 14:07	15001 BLMO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/30/2023 14:08	42701 AUGU_T1	1	0	-1	0.3	0	-0.3	0	0	2	2	0	1800	1800	0
10/30/2023 14:09	15001 BLMO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/30/2023 14:09	67002 STHI_T2	1	219	218	0.1	0.14	0.04	0.65	0.66	0	0	0	0	0	0
10/30/2023 14:10	42503 ALTA_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/30/2023 14:10	20403 ASHF_T2	16	25	9	0.21	0.23	0.02	0.14	0.15	0	0	0	0	0	0
10/30/2023 14:11	41802 GOCI_T2	0	19	19	0	0	0	0	0	0	0	0	0	0	0
10/30/2023 14:11	44801 EDAN_T2	1	1	0	0.3	0.2	-0.1	0	0	0	0	0	0	0	0
10/30/2023 14:11	42701 AUGU_T1	1	0	-1	0.3	0	-0.3	0	0	4	4	0	3600	3600	0
10/30/2023 14:11	20403 ASHF_T2	16	25	9	0.21	0.23	0.02	0.31	0.29	0	0	0	0	0	0
10/30/2023 14:11	54206 PENN_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/30/2023 14:11	15001 BLMO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/30/2023 14:12	15001 BLMO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/30/2023 14:12	44802 EDAN_T2	0	0	0	0	0	0	-2.17	-2.11	1	1	0	1200	1200	0
10/30/2023 14:13	41802 GOCI_T2	0	19	19	0	0	0	0	0	0	0	0	0	0	0
10/30/2023 14:13	15001 BLMO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/30/2023 14:13	44802 EDAN_T2	0	0	0	0	0	0	-2.17	-2.11	1	1	0	1200	1200	0
10/30/2023 14:14	64301 LINC_T1	0	0	0	0	0	0	0.08	-0.01	1	1	0	600	600	0
10/30/2023 14:16	42902 MIDD_T2	0	0	0	0	0	0	-1	-0.96	1	1	0	600	600	0
10/30/2023 14:16	46901 MNTG_T2	0	0	0	0	0	0	1.91	1.52	0	0	0	0	0	0
10/30/2023 14:16	46903 MNTG_T2	0	114	114	0	0.2	0.2	0.05	0.01	1	1	0	600	600	0
10/30/2023 14:16	58401 MORO_T1	0	0	0	0	0	0	-0.7	-0.75	1	1	0	600	600	0
10/30/2023 14:17	58401 MORO_T1	0	0	0	0	0	0	-1.4	-1.5	2	2	0	1200	1200	0
10/30/2023 14:17	58402 MORO_T1	0	0	0	0	0	0	-1.24	-1.2	2	2	0	1500	1500	0
10/30/2023 14:18	52402 GRPA_T2	4	4	0	1.23	1.45	0.22	0	0	0	0	0	0	0	0
10/30/2023 14:18	58402 MORO_T1	0	0	0	0	0	0	-1.24	-1.2	2	2	0	1500	1500	0
10/30/2023 14:18	42902 MIDD_T2	0	0	0	0	0	0	-1	-0.96	1	1	0	600	600	0
10/30/2023 14:18	58402 MORO_T1	0	0	0	0	0	0	-1.24	-1.2	2	2	0	1500	1500	0
10/30/2023 14:19	58401 MORO_T1	0	0	0	0	0	0	-0.7	-0.75	1	1	0	600	600	0
10/30/2023 14:20	59101 WALK_T2	9	29	20	0.11	0.16	0.05	1.63	1.5	1	1	0	600	600	0
10/30/2023 14:21	58402 MORO_T1	0	0	0	0	0	0	-1.24	-1.2	2	2	0	1500	1500	0
10/30/2023 14:22	16302 ALPA_T2	0	0	0	0	0	0	0.61	0.64	0	0	0	0	0	0
10/30/2023 14:22	16301 ALPA_T1	2	3	1	0.3	0.3	0	-0.45	-0.44	0	0	0	0	0	0
10/30/2023 14:22	42701 AUGU_T1	0	0	0	0	0	0	0	0	2	2	0	1800	1800	0
10/30/2023 14:22	65901 SAKR_T2	1	1	0	9.3	9.6	0.3	0	0	0	0	0	0	0	0
10/30/2023 14:22	43301 WATS_T2	1	1	0	0.7	0.7	0	0	0	0	0	0	0	0	0
10/30/2023 14:22	20403 ASHF_T2	10	26	16	0.25	0.22	-0.03	0.31	0.29	0	0	0	0	0	0
10/30/2023 14:23	66703 STRA_T1	0	0	0	0	0	0	-0.1	-0.1	0	0	0	0	0	0
10/30/2023 14:23	13901 SEID_T1	0	0	0	0	0	0	0.16	0.17	0	0	0	0	0	0
10/30/2023 14:23	43301 WATS_T2	1	1	0	0.7	0.7	0	-0.7	-0.66	1	1	0	900	900	0
10/30/2023 14:23	16301 ALPA_T1	2	3	1	0.3	0.3	0	-0.45	-0.44	0	0	0	0	0	0
10/30/2023 14:23	56603 HAMP_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/30/2023 14:23	15001 BLMO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/30/2023 14:24	16302 ALPA_T2	0	0	0	0	0	0	1.82	1.93	0	0	0	0	0	0
10/30/2023 14:24	16301 ALPA_T1	2	3	1	0.3	0.3	0	-0.45	-0.44	0	0	0	0	0	0
10/30/2023 14:24	42701 AUGU_T1	0	0	0	0	0	0	0	0	4	4	0	3600	3600	0
10/30/2023 14:25	60803 BUCK_T1	0	0	0	0	0	0	-0.91	-0.89	1	1	0	600	600	0
10/30/2023 14:26	41801 GOCI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/30/2023 14:27	54502 ENOL_T2	1	1	0	0.3	0.6	0.3	0	0	0	0	0	0	0	0
10/30/2023 14:27	54505 ENOL_T2	1	1	0	1	1.2	0.2	0	0	0	0	0	0	0	0
10/30/2023 14:27	44801 EDAN_T2	1	1	0	0.2	0.1	-0.1	0	0	0	0	0	0	0	0
10/30/2023 14:27	62601 ENGL_T1	0	0	-1	6.2	0	-6.2	0	0	0	0	0	0	0	0
10/30/2023 14:27	42701 AUGU_T1	0	0	0	0	0	0	0	0	2	2	0	1800	1800	0
10/30/2023 14:27	16301 ALPA_T1	2	3	1	0.3	0.3	0	-0.44	-0.44	0	0	0	0	0	0
10/30/2023 14:27	15001 BLMO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/30/2023 14:28	62601 ENGL_T1	1	0	-1	6.2	0	-6.2	0	0	0	0	0	0	0	0
10/30/2023 14:29	41801 GOCI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/30/2023 14:29	44801 EDAN_T2	1	1	0	0.2	0.1	-0.1	0	0	0	0	0	0	0	0
10/30/2023 14:29	64301 LINC_T1	0	0	0	0	0	0	-0.01	-0.01	1	1	0	600	600	0
10/30/2023 14:31	58402 MORO_T1	0	0	0	0	0	0	-1.2	-1.17	2	2	0	1500	1500	0
10/30/2023 14:32	46901 MNTG_T2	0	0	0	0	0	0	1.52	1.51	0	0	0	0	0	0
10/30/2023 14:32	59302 MCAL_T1	0	1	1	0	0.1	0.1	0	0	0	0	0	0	0	0
10/30/2023 14:32	52401 GRPA_T2	0	1	1	0	0.1	0.1	0	0	0	0	0	0	0	0
10/30/2023 14:32	26401 INOR_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/30/2023 14:32	46901 MNTG_T2	0	0	0	0	0	0	1.52	1.51	0	0	0	0	0	0
10/30/2023 14:33	62605 ENGL_T1	31	104	73	0.13	0.14	0.01	0	0	0	0	0	0	0	0
10/30/2023 14:33	58402 MORO_T1	0	0	0	0	0	0	-1.2	-1.17	2	2	0	1500	1500	0
10/30/2023 14:34	64303 LINC_T1	0	0	0	0	0	0	-0.17	-0.22	0	0	0	0	0	0
10/30/2023 14:34	59302 MCAL_T1	0	1	1	0	0.1	0.1	0.28	0.11	1	1	0	600	600	0
10/30/2023 14:34	58402 MORO_T1	0	0	0	0	0	0	-1.2	-1.17	2	2	0	1500	1500	0
10/30/2023 14:34	52401 GRPA_T2	0	1	1	0	0.1	0.1	0	0	0	0	0	0	0	0
10/30/2023 14:34	66505 SMAN_T2	0	0	0	0	0	0	0.28	0.4	2	2	0	1100	1100	0
10/30/2023 14:35	67001 STHI_T2	605	769	164	0.29	0.33	0.04	0	0	0	0	0	0	0	0
10/30/2023 14:35	67401 WAKE_T2	0	2	2	0	0.15	0.15	-1.12	-1.1	0	0	0	0	0	0
10/30/2023 14:35	52403 GRPA_T2	0	0	0	0	0	0	-0.06	-0.08	0	0	0	0	0	0
10/30/2023 14:35	66504 SMAN_T2	0	0	0	0	0	0	-0.17	-0.29	0	0	0	0	0	0
10/30/2023 14:36	67001 STHI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/30/2023 14:37	20403 ASHF_T2	25	17	-8	0.23	0.22	-0.01	0.15	0.15	0	0	0	0	0	0
10/30/2023 14:37	67001 STHI_T2	605	769	164	0.29	0.33	0.04	0	0	0	0	0	0	0	0
10/30/2023 14:37	13901 SEID_T1	0	0	0	0	0	0	0.17	0.18	0	0	0	0	0	0
10/30/2023 14:37	42701 AUGU_T1	0	0	0	0	0	0	0	0	4	4	0	3600	3600	0
10/30/2023 14:37	16301 ALPA_T1	3	6	3	0.23	0.22	-0.01	-0.44	-0.44	0	0	0	0	0	0
10/30/2023 14:38	56803 BENV_T1	0	1	1	0	1.7	1.7	0	0	0	0	0	0	0	0
10/30/2023 14:38	65902 SAKR_T2	0	1	1	0	0	0	0	0	2	2	0	1200	1200	0
10/30/2023 14:38	67001 STHI_T2	605	769	164	0.29	0.33	0.04	0.06	0.05	0	0	0	0	0	0
10/30/2023 14:38	16302 ALPA_T2	0	0	0	0	0	0	0.64	0.58	0	0	0	0	0	0
10/30/2023 14:38	67203 TEHI_T1	0	2	2	0	0.2	0.2	2.52	2.48	1	1	0	600	600	0
10/30/2023 14:38	56802 BENV_T2	1	1	0	1.1	1.2	0.1	-1.46	-1.42	0	0	0	0	0	0
10/30/2023 14:38	43304 WATS_T2	0	0	0	0	0	0	-0.47	-0.53	0	0	0	0	0	0
10/30/2023 14:38	20403 ASHF_T2	25	17	-8	0.23	0.22	-0.01	0.15	0.15	0	0	0	0	0	0
10/30/2023 14:39	43301 WATS_T2	1	1	0	0.7	0.5	-0.2	-0.66	-0.65	1	1	0	900	900	0
10/30/2023 14:39	15001 BLMO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/30/2023 14:39	42701 AUGU_T1	0	0	0	0	0	0	0	0	2	2	0	1800	1800	0
10/30/2023 14:39	16301 ALPA_T1	3	6	3	0.23	0.22	-0.01	-0.44	-0.44	0	0	0	0	0	0
10/30/2023 14:40	42701 AUGU_T1	0	0	0	0	0	0	0	0	2	2	0	1800	1800	0
10/30/2023 14:40	60803 BUCK_T1	0	0	0	0	0	0	-0.89	-0.85	1	1	0	600	600	0
10/30/2023 14:40	10602 BLGL_T2	0	0	0	0	0	0	1.01	0.95	0	0	0	0	0	0
10/30/2023 14:40	65604 QVIL_T2	0	0	0	0	0	0	0.55	0.58	0	0	0	0	0	0
10/30/2023 14:40	16301 ALPA_T1	3	6	3	0.23	0.22	-0.01	-0.44	-0.44	0	0	0	0	0	0
10/30/2023 14:40	59101 WALK_T2	29	1	-28	0.16	0	-0.16	1.5	1.74	1	1

10/30/2023 15:17	45001 LIME_2	15	26	11	0.13	0.32	0.19	0	0	0	0	0	0	0	0
10/30/2023 15:19	52401 GRPA_T2	1	0	-1	0.2	0	-0.2	-0.54	-0.51	0	0	0	0	0	0
10/30/2023 15:20	67201 TEHI_T1	0	0	0	0	0	0	0.28	1.81	1	1	0	900	900	0
10/30/2023 15:21	64101 REFR_T1	0	0	0	0	0	0	-0.1	-0.16	1	0	0	0	0	0
10/30/2023 15:24	60101 COCA_T1	0	0	0	0	0	0	0.21	0.19	0	0	0	0	0	0
10/30/2023 15:25	56603 HAMP_T1	0	61	61	0	0.16	0.16	0	0	0	0	0	0	0	0
10/30/2023 15:27	60101 COCA_T1	0	0	0	0	0	0	0.19	0.27	0	0	0	0	0	0
10/30/2023 15:36	50701 SMEC_T1	1	0	-1	0.1	0	-0.1	0.19	0.21	0	0	0	0	0	0
10/30/2023 15:36	67001 STHI_T2	592	668	76	0.26	0.34	0.08	0.05	0.03	0	0	0	0	0	0
10/30/2023 15:37	54505 ENOL_T2	1	1	0	1.2	1.3	0.1	0	0	0	0	0	0	0	0
10/30/2023 15:37	56802 BENV_T2	1	1	0	1.1	1.2	0.1	-0.73	-0.69	0	0	0	0	0	0
10/30/2023 15:37	50701 SMEC_T1	1	0	-1	0.1	0	-0.1	0.19	0.21	0	0	0	0	0	0
10/30/2023 15:37	56603 HAMP_T1	45	61	16	0.12	0.16	0.04	0	0	0	0	0	0	0	0
10/30/2023 15:37	64802 MONE_T2	73	226	153	0.48	0.49	0.01	-0.01	-0.01	0	0	0	0	0	0
10/30/2023 15:38	54505 ENOL_T2	1	1	0	1.2	1.3	0.1	0	0	0	0	0	0	0	0
10/30/2023 15:40	45502 DERR_T2	1	1	0	0.2	0	-0.2	0	0	0	0	0	0	0	0
10/30/2023 15:41	56802 BENV_T2	1	1	0	1.1	1.2	0.1	-0.69	-0.72	0	0	0	0	0	0
10/30/2023 15:41	54505 ENOL_T2	1	1	0	1.2	1.3	0.1	0	0	0	0	0	0	0	0
10/30/2023 15:42	56802 BENV_T2	1	1	0	1.1	1.2	0.1	-0.69	-0.72	0	0	0	0	0	0
10/30/2023 15:48	59003 MIFF_T1	0	0	0	0	0	0	1.15	-0.18	0	0	0	0	0	0
10/30/2023 15:49	64101 REFR_T1	0	0	0	0	0	0	-0.15	-0.16	0	0	0	0	0	0
10/30/2023 15:51	64101 REFR_T1	0	0	0	0	0	0	-0.31	-0.33	0	0	0	0	0	0
10/30/2023 15:51	59101 WALK_T2	1	1	0	0	0	0	1.95	1.58	1	1	0	600	600	0
10/30/2023 15:52	64101 REFR_T1	0	0	0	0	0	0	-0.15	-0.16	0	0	0	0	0	0
10/30/2023 15:53	59101 WALK_T2	1	1	0	0	0	0	1.95	1.58	1	0	-1	600	0	-600
10/30/2023 15:53	64101 REFR_T1	0	0	0	0	0	0	-0.31	-0.33	0	0	0	0	0	0
10/30/2023 15:54	64101 REFR_T1	0	0	0	0	0	0	-0.15	-0.16	0	0	0	0	0	0
10/30/2023 15:59	46206 DANV_T2	1	0	-1	0.1	0	-0.1	0	0	0	0	0	0	0	0
10/30/2023 16:03	55002 NEWP_T1	5	6	1	0.76	1.05	0.29	-0.27	-0.27	0	0	0	0	0	0
10/30/2023 16:04	52404 GRPA_T2	0	1	1	0	0.1	0.1	0	0	0	0	0	0	0	0
10/30/2023 16:04	54001 SDLE_T1	6	7	1	0.63	0.64	0.01	0	0	0	0	0	0	0	0
10/30/2023 16:05	54001 SDLE_T1	6	7	1	0.63	0.64	0.01	0	0	0	0	0	0	0	0
10/30/2023 16:06	54001 SDLE_T1	6	7	1	0.63	0.64	0.01	0	0	0	0	0	0	0	0
10/30/2023 16:07	52401 GRPA_T2	1	1	0	0.2	0.2	0	0	0	0	0	0	0	0	0
10/30/2023 16:11	59101 WALK_T2	1	1	0	0	0	0	1.98	1.82	0	0	0	0	0	0
10/30/2023 16:12	47001 HUGH_T2	3	1	-2	0.37	0.1	-0.27	-0.81	-0.79	0	0	0	0	0	0
10/30/2023 16:14	26401 INOR_T1	1	20	19	0.2	0.16	-0.04	0.33	0.33	0	0	0	0	0	0
10/30/2023 16:17	59302 MCAL_T1	1	1	0	0.1	0.7	0.6	0	0	0	0	0	0	0	0
10/30/2023 16:20	59102 WALK_T2	0	3	3	0	0.13	0.13	0	0	0	0	0	0	0	0
10/30/2023 16:22	59102 WALK_T2	0	3	3	0	0.13	0.13	0	0	0	0	0	0	0	0
10/30/2023 16:22	13704 SCHN_T2	0	0	0	0	0	0	-0.42	-0.39	0	0	0	0	0	0
10/30/2023 16:23	59101 WALK_T2	1	1	0	0	0	0	1.98	1.82	0	0	0	0	0	0
10/30/2023 16:25	15001 BLMO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/30/2023 16:25	59101 WALK_T2	1	1	0	0	0	0	1.98	1.82	0	0	0	0	0	0
10/30/2023 16:33	55002 NEWP_T1	6	6	0	0.95	0.77	-0.18	-0.26	-0.24	0	0	0	0	0	0
10/30/2023 16:34	44203 POIN_T2	0	0	0	0	0	0	-1.24	-0.1	2	1	-1	2100	900	-1200
10/30/2023 16:43	45502 DERR_T2	0	1	1	0	0	0	0	0	0	0	0	0	0	0
10/30/2023 16:44	45501 DERR_T2	1	0	-1	0.1	0	-0.1	0.52	0.49	2	2	0	1800	1800	0
10/30/2023 16:48	55002 NEWP_T1	6	6	0	0.77	0.75	-0.02	-0.24	-0.25	0	0	0	0	0	0
10/30/2023 16:55	59101 WALK_T2	1	1	0	0	0	0	1.48	1.56	0	0	0	0	0	0
10/30/2023 17:45	60801 BUCK_T1	17	17	0	0.16	0.16	0	0	0	0	0	0	0	0	0
10/30/2023 17:57	43402 BENT_T1	0	1	1	0	0	0	-0.96	-0.97	1	1	0	900	900	0
10/30/2023 18:19	62604 ENGL_T1	0	1	1	0	0	0	-1.43	-1.47	1	1	0	600	600	0
10/30/2023 18:22	42503 ALTA_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/30/2023 18:24	60201 ATGL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/30/2023 18:39	23301 JEFF_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/30/2023 18:39	40602 PIGR_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/30/2023 18:42	46206 DANV_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/30/2023 18:43	67502 WEWI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/30/2023 18:44	26401 INOR_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/30/2023 18:44	40602 PIGR_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/30/2023 18:44	54701 NEBL_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/30/2023 18:45	55002 NEWP_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/30/2023 18:48	46302 ROHR_T1	4	6	2	0.63	0.7	0.07	0	0	0	0	0	0	0	0
10/30/2023 18:48	56802 BENV_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/30/2023 18:49	53501 EVIL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/30/2023 18:50	56504 ROCK_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/30/2023 18:51	55002 NEWP_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/30/2023 18:51	54505 ENOL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/30/2023 18:52	46203 DANV_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/30/2023 18:53	67001 STHI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/30/2023 18:53	53903 HALI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/30/2023 18:53	57403 SPAN_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/30/2023 18:53	53501 EVIL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/30/2023 18:53	21606 EYNO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/30/2023 18:54	67002 STHI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/30/2023 18:56	46003 BERW_T2	1	1	0	1.1	1	-0.1	0	0	0	0	0	0	0	0
10/30/2023 18:56	52501 PROG_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/30/2023 18:56	57403 SPAN_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/30/2023 18:57	67001 STHI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/30/2023 18:57	61303 EARL_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/30/2023 18:58	46302 ROHR_T1	4	6	2	0.63	0.7	0.07	0	0	0	0	0	0	0	0
10/30/2023 18:58	43304 WATS_T2	0	1	1	0	0	0	0	0	0	0	0	0	0	0
10/30/2023 18:58	45802 HEGI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/30/2023 18:58	64101 REFR_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/30/2023 18:59	65001 NEFF_T2	0	0	0	0	0	0	-0.84	-0.92	1	1	0	1200	1200	0
10/30/2023 18:59	63802 HEMP_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/30/2023 18:59	45501 DERR_T2	0	1	1	0	0	0	0	0	0	0	0	0	0	0
10/30/2023 18:59	57403 SPAN_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/30/2023 19:00	43304 WATS_T2	0	1	1	0	0	0	0	0	0	0	0	0	0	0
10/30/2023 19:00	66302 MCGO_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/30/2023 19:00	22901 HARW_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/30/2023 19:01	45402 WBLO_T2	1	1	0	0.1	0.4	0.3	0	0	0	0	0	0	0	0
10/30/2023 19:02	46203 DANV_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/30/2023 19:03	42902 MIDD_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/30/2023 19:04	65902 SAKR_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/30/2023 19:09	64204 KINZ_T1	137	211	74	0.82	0.97	0.15	0	0	0	0	0	0	0	0
10/30/2023 19:17	60801 BUCK_T1	45	67	22	0.29	0.34	0.05	0	0	0	0	0	0	0	0
10/30/2023 19:17	41801 GOCI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/30/2023 19:18	67502 WEWI_T2	0	0	0	0	0	0	-0.47	-0.46	0	0	0	0	0	0
10/30/2023 19:18	60801 BUCK_T1	45	67	22	0.29	0.34	0.05	-0.19	-0.19	0	0	0	0	0	0
10/30/2023 19:20	65601 QVIL_T2	56	136	80	0.11	0.15	0.04	0	0	0	0	0	0	0	0
10/30/2023 19:25	67502 WEWI_T2	0	0	0	0	0	0	-0.47	-0.46	0	0	0	0	0	0
10/30/2023 19:26	59202 THOM_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/30/2023 19:27	20603 GRWO_T2	0	0	0	0	0	0	0.34	0.35	0	0	0	0	0	0
10/30/2023 19:28	65601 QVIL_T2	56	136	80	0.11	0.15	0.04	0	0	0	0	0	0	0	0
10/30/2023 19:33	10602 BLGI_T2	0	0	0	0	0	0	0.08	0.07	0	0	0	0	0	0
10/30/2023 19:35	29401 BELT_T1	11	6	-5	0.11	0.12	0.01	0	0	0	0	0	0	0	0
10/30/2023 19:35	60101 COCA_T1	0	0	0	0	0	0	0.27	0.28	0	0	0	0	0	0
10/30/2023 19:37	42701 AUGU_T1	0	0	0	0	0	0	0	0	2	2	0	1800	1800	0
10/30/2023 19:38	42902 MIDD_T2	0	0	0	0	0	0	-1.23	-1.24	1	1	0	600	600	0
10/30/2023 19:38	42701 AUGU_T1	0	0	0	0	0	0	0	0	2	2	0	1800	1800	0
10/30/2023 19:39	61303 EARL_T1	0	0	0	0	0	0	0.21	0.21	0	0	0	0	0	0
10/30/2023 19:40	56801 BENV_T1	7	25	18	0.33	0.48	0.15	-0.75	-0.79	1	1	0	600	600	0
10/30/2023 19:41	55002 NEWP_T1	4	6	2	0.95	0.93	-0.02	-0.26	-0.27	0	0	0	0	0	0
10/30/2023 19:41	67503 WEWI_T2	0	0	0	0	0	0	-0.52	-0.52	0	0	0	0	0	0
10/30/2023 19:42	56801 BENV_T1	7	25	18	0.33	0.48	0.15	-0.79	-0.76	1	1	0	600	600	0
10/30/2023 19:42	67204 TEHI_T2	0	0	0	0	0	0	0.06	0.07	0	0	0	0	0	0
10/30/2023 19:42	67203 TEHI_T1	0	1	1	0	0	0	1.8	1.9	1	1	0	600	600	0
10/30/2023 19:42	10805 CHHI_T2	1	1	0	7.6	7.5	-0.1	-0.88	-0.95	1	1	0	600	600	0
10/30/2023 19:42	65001 NEFF_T2	0	27	27	0	0.12	0.12	0	0	0	0	0	0	0	0
10/30/2023 19:42	16301 ALPA_T1	2	31	29	0.45	0.15	-0.3	-0.44	-0.46	0	0	0	0	0	0
10/30/2023 19:42	55101 WERT_T1	0	0	0	0	0	0	-1.37	-1.45	2	2	0	1500	1500	0
10/30/2023 19:43	62605 ENGL_T1	0	18	18	0	0.12	0.12	0	0	0	0	0	0	0	0
10/30/2023 19:43	44203 POIN_T2	0	0	0	0	0	0	-0.17	-0.17	1	1	0	900	900	0
10/30/2023 19:43	57403 SPAN_T1	0	0	0	0	0	0	0.08	0.04	0	0	0	0	0	0
10/30/2023 19:44	26401 INOR_T1	0	0	0	0	0	0	0.26	0.25	0	0	0	0	0	0
10/30/2023 19:44	56802 BENV_T2	1	1	0	0.4	1.1	0.7	-1.46	-1.58	0	0	0	0	0	0
10/30/2023 19:45	67001 STHI_T2	470	611	141	0.19	0.34	0.15	0	0	0	0	0	0	0	0
10/30/2023 19:45	54001 SDLE_T1	3	4	1	0.5	0.6	0.1	0	0	0	0	0	0	0	0
10/30/2023 19:45	56801 BENV_T1	17	28	11	0.45	0.48	0.03	-0.79	-0.76	1	1	0	600	600	0
10/30/2023 19:46	62605 ENGL_T1	5	24	19	0.12	0.13	0.01	0	0	0	0	0	0	0	0
10/30/2023 19:47	13704 SCHN_T2	0	1	1	0	0.1	0.1	-0.41	-0.41	0	0	0	0	0	0
10/30/2023 19:47	46302 ROHR_T1	6	4	-2	0.8	1.18	0.38	0	0	0	0	0	0	0	0
10/30/2023 19:47	43304 WATS_T2	0	1	1	0	0	0	-0.49	-0.51	0	0	0	0	0	0
10/30/2023 19:47	45501 DERR_T2	0	1	1	0	0	0	1.11	1.43	4	4	0	3600	3600	0
10/30/2023 19:47	44801 EDAN_T2	1	1	0	0.8	1	0.2	0	0	0	0	0	0	0	0
10/30/2023 19:47	16301 ALPA_T1	26	26	0	0.15	0.15	0	-0.44	-0.46	0	0	0	0	0	0
10/30/2023 19:47	53501 EVIL_T2	5	8	3	0.14	0.41	0.27	-0.97	-0.92	1	1	0	600	600	0
10/30/2023 19:47	55002 NEWP_T1	5	6	1	1.04	0.92	-0.12	-0.26	-0.27	0	0	0	0	0	0
10/30/2023 19:47	67001 STHI_T2	470	611	141	0.19	0.34	0.15	0	0	0	0	0	0	0	0
10/30/2023 19:47	56802 BENV_T2	1	1	0	0.8	1.1	0.3	-0.73	-0.79	0	0	0	0	0	0
10/30/2023 19:47	56801 BENV_T1	17	28	11	0.45	0.48	0.03	-2.37	-2.28	3	3	0	1800	1800	0
10/30/2023 19:48	42203 SHEN_T2	0	1	1	0	0	0	0	0	0	0	0	0	0	0
10/30/2023 19:48	50701 SMEC_T1	0	0	0	0	0	0	0.13	0.13	0	0	0	0	0	0
10/30/2023 19:48	53501 EVIL_T2	5	8	3	0.14	0.41	0.27	-0.97	-0.92	1	1	0	600	600	0
10/30/2023 19:48	16302 ALPA_T2	0	0	0	0	0	0	1.26	1.23	0	0	0	0	0	0
10/30/2023 19:48	15001 BLMO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/30/2023 19:49	65003 NEFF_T2	0	3	3	0	0.13	0.13	0	0	0	0	0	0	0	0
10/30/2023 19:49	59101 WALK_T2	1	1	0	0	0	0	1.11	1.29	0	0	0	0	0	0
10/30/2023 19:49	44801 EDAN_T2	1	1	0	0.8	1	0.2	0	0	0	0	0	0	0	0
10/30/2023 19:49	66503 SMAN_T2	6	86	80	0.12	0.13	0.01	0	0	0	0	0	0	0	0
10/30/2023 19:49	43304 WATS_T2	0	1	1	0	0	0	0	0	0	0	0	0	0	0
10/30/2023 19:49	16301 ALPA_T1	26	26	0	0.15	0.15	0	-0.44	-0.46	0	0	0	0	0	0
10/30/2023 19:49	29401 BELT_T1	6	8	2	0.12	0.1	-0.02	0	0	0	0	0	0	0	0
10/30/2023 19:49	64702 LITI_T2	0	0	0	0	0	0	-0.78	-0.68	0	0	0	0	0	0
10/30/2023 19:49	56801 BENV_T1	17	28	11	0.45	0.48	0.03	-0.79	-0.76	1	1	0	600	600	0
10/30/2023 19:49	54506 ENOL_T2	1	1	0	0.1	0.4	0.3	0	0	0	0	0	0	0	0
10/30/2023 19:49	46001 BERW_T1	0	0	0	0	0	0	0.86	0.87	0	0	0	0	0	0
10/30/2023 19:49	49803 UNIV_T1	0	14	14	0	0.11	0.11	-1.13	-1.17	0	0	0	0	0	0
10/30/2023 19:49	12701 MACU_T1	0	0	0	0	0	0	0.14	0.12	0	0	0	0	0	0
10/30/2023 19:49	10801 CHHI_T1	0	0	0	0	0	0	-0.89	-0.87	1	1	0	900	900	0
10/30/2023 19:50	42201 SHEN_T2	0	0	0	0	0	0	0.04	0.03	1	1	0	600	600	0
10/30/2023 19:50	67401 WAKE_T2	165	206	41	0.25	0.32	0.07	-1.16	-1.16	0	0	0	0	0	0
10/30/2023 19:50	15001 BLMO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/30/2023 19:50	53903 HALI_T2	2	2	0	1.45	1.7	0.25	-0.16	-0.09	0	0	0	0	0	0
10/30/2023 19:50	64702 LITI_T2	0	0	0	0	0	0	-0.78	-0.68	0	0	0	0	0	0
10/30/2023 19:50	59101 WALK_T2	1	1	0	0	0	0	1.11	1.29	0	0	0	0	0	0
10/30/2023 19:50	16302 ALPA_T2	0	0	0	0	0	0	0.63	0.61	0	0	0	0	0	0
10/30/2023 19:51	67502 WEWI_T2	0	0	0	0	0	0	-0.34	-0.46	0	0	0	0	0	0
10/30/2023 19:52	54502 ENOL_T2	0	0	0	0	0	0	1.33	1.33	0	0	0	0	0	0
10/30/2023 19:52	52403 GRPA_T2	0	1	1	0	0	0	-0.02	-0.04	0	0	0	0	0	0
10/30/2023 19:52	67001 STHI_T2	470	611	141	0.19	0.34	0.15	0	0	0	0	0	0	0	0
10/30/2023 19:52	56504 ROCK_T2	0	0	0	0	0	0	-0.16	-0.16	0	0	0	0	0	0
10/30/2023 19:52	46203 DANV_T2	0	0	0	0	0	0	-0.06	-0.07	0	0	0	0	0	0
10/30/2023 19:52	15001 BLMO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/30/2023 19:52	40101 HUNT_T2	0	2	2	0	0.2	0.2	-0.49	-0.52	0	0	0	0	0	0
10/30/2023 19:52	54001 SDLE_T1	3	4	1	0.5	0.6	0.1	0	0	0	0	0	0	0	0
10/30/2023 19:52	67503 WEWI_T2	0	0	0	0	0	0	-0.52	-0.52	0	0	0	0	0	0
10/30/2023 19:52	59302 MCAL_T1	1	1	0	0.6	0.5	-0.1	0	0	0	0	0	0	0	0
10/30/2023 19:52	42902 MIDD_T2	0	0	0	0	0	0	-1.24

Appendix C - Grid Benefits Achieved in Each Instance of Active Management

10/30/2023 19:58	41901 REED_T1	7	8	1	0.31	0.33	0.02	0	0	0	0	0	0	0	0
10/30/2023 19:58	42701 AUGU_T1	0	1	1	0	0.2	0.2	0	0	2	2	0	1800	1800	0
10/30/2023 19:58	63802 HEMP_T1	0	0	0	0	0	0	-0.57	-0.51	0	0	0	0	0	0
10/30/2023 19:58	45003 LIME_2	33	37	4	0.37	0.49	0.12	0	0	0	0	0	0	0	0
10/30/2023 19:58	44801 EDAN_T2	1	1	0	0.8	1	0.2	0	0	0	0	0	0	0	0
10/30/2023 19:58	59101 WALK_T2	1	1	0	0	0	0	1.29	1.42	0	0	0	0	0	0
10/30/2023 19:58	65902 SAKR_T2	0	0	0	0	0	0	0	0	1	1	0	900	900	0
10/30/2023 19:58	20401 ASHF_T2	0	2	2	0	0.1	0.1	0	0	0	0	0	0	0	0
10/30/2023 19:58	55002 NEWP_T1	5	6	1	1.04	0.92	-0.12	-0.27	-0.25	0	0	0	0	0	0
10/30/2023 19:58	43202 MVIL_T2	0	0	0	0	0	0	-0.66	-0.68	0	0	0	0	0	0
10/30/2023 19:58	56504 ROCK_T2	0	0	0	0	0	0	-0.16	-0.15	0	0	0	0	0	0
10/30/2023 19:59	56501 ROCK_T2	3	5	2	0.23	0.24	0.01	0	0	0	0	0	0	0	0
10/30/2023 19:59	45402 WBLO_T2	14	25	11	0.14	0.17	0.03	-0.82	-0.78	0	0	0	0	0	0
10/30/2023 19:59	42002 MNVL_T2	1	1	0	2.6	2.4	-0.2	0	0	0	0	0	0	0	0
10/30/2023 19:59	58402 MORO_T1	1	0	-1	1.3	0	-1.3	-2.17	-2.34	4	4	0	3000	3000	0
10/30/2023 19:59	15001 BLMO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/30/2023 19:59	66501 SMAN_T2	0	2	2	0	0.1	0.1	0	0	0	0	0	0	0	0
10/30/2023 19:59	62604 ENGL_T1	0	0	0	0	0	0	-1.54	-1.55	1	1	0	600	600	0
10/30/2023 19:59	60502 NMAN_T2	0	0	0	0	0	0	-0.37	-0.31	0	0	0	0	0	0
10/30/2023 19:59	67201 TEHI_T1	0	0	0	0	0	0	0.13	0.22	1	1	0	900	900	0
10/30/2023 19:59	49803 UNIV_T1	0	14	14	0	0.11	0.11	-1.17	-1.24	0	0	0	0	0	0
10/30/2023 19:59	64303 LINC_T1	0	0	0	0	0	0	-0.24	-0.23	0	0	0	0	0	0
10/30/2023 20:00	67001 STHI_T2	580	610	30	0.33	0.35	0.02	0	0	0	0	0	0	0	0
10/30/2023 20:00	45003 LIME_2	2	2	0	1.95	2.35	0.4	0	0	1	1	0	1200	1200	0
10/30/2023 20:00	56803 BENV_T1	0	1	1	0	0.1	0.1	0	0	0	0	0	0	0	0
10/30/2023 20:00	67605 WARW_T1	3	1	-2	0.27	0.2	-0.07	-1.14	-1.15	0	0	0	0	0	0
10/30/2023 20:00	42701 AUGU_T1	0	1	1	0	0.2	0.2	0	0	2	2	0	1800	1800	0
10/30/2023 20:01	41902 REED_T1	1	2	1	0.2	0	-0.2	1.06	1.05	0	0	0	0	0	0
10/30/2023 20:01	54001 SDLE_T1	4	4	0	0.6	0.53	-0.07	0	0	0	0	0	0	0	0
10/30/2023 20:01	63801 HEMP_T1	1	0	-1	0.1	0	-0.1	0	0	0	0	0	0	0	0
10/30/2023 20:01	64101 REFR_T1	0	0	0	0	0	0	-0.18	-0.2	0	0	0	0	0	0
10/30/2023 20:02	56501 ROCK_T2	5	3	-2	0.24	0.25	0.01	-0.45	-0.32	0	0	0	0	0	0
10/30/2023 20:02	41802 GOCI_T2	2	9	7	0.1	0.13	0.03	0	0	0	0	0	0	0	0
10/30/2023 20:02	13105 NHAM_T2	0	0	0	0	0	0	-0.27	-0.26	1	1	0	1200	1200	0
10/30/2023 20:03	28601 BLYT_T2	0	1	1	0	0	0	0	0	0	0	0	0	0	0
10/30/2023 20:03	46901 MNTG_T2	0	0	0	0	0	0	1.34	1.3	0	0	0	0	0	0
10/30/2023 20:03	45802 HEGI_T2	0	0	0	0	0	0	0.68	0.92	0	0	0	0	0	0
10/30/2023 20:03	45501 DERR_T2	0	1	1	0	0	0	0.72	0.71	2	2	0	1800	1800	0
10/30/2023 20:03	43304 WATS_T2	1	0	-1	0.4	0	-0.4	-0.04	-0.07	0	0	0	0	0	0
10/30/2023 20:03	64101 REFR_T1	0	0	0	0	0	0	-0.37	-0.39	0	0	0	0	0	0
10/30/2023 20:03	56802 BENV_T2	1	1	0	1.1	0.9	-0.2	-1.58	-1.48	0	0	0	0	0	0
10/30/2023 20:03	46903 MNTG_T2	0	0	0	0	0	0	0.31	0.33	0	0	0	0	0	0
10/30/2023 20:03	15001 BLMO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/30/2023 20:03	46801 HEPB_T2	2	2	0	0.3	0.45	0.15	0.58	0.56	0	0	0	0	0	0
10/30/2023 20:04	28403 HART_T2	0	0	0	0	0	0	-0.6	-0.61	1	1	0	900	900	0
10/30/2023 20:05	64802 MONE_T2	64	161	97	0.34	0.48	0.14	-0.01	-0.01	0	0	0	0	0	0
10/30/2023 20:05	64101 REFR_T1	0	0	0	0	0	0	-0.37	-0.39	0	0	0	0	0	0
10/30/2023 20:07	58402 MORO_T1	0	0	0	0	0	0	-1.08	-1.17	2	2	0	1500	1500	0
10/30/2023 20:08	45702 LIND_T2	1	1	0	1	1	0	-0.6	-0.61	0	0	0	0	0	0
10/30/2023 20:09	52403 GRPA_T2	1	0	-1	0.4	0	-0.4	-0.04	-0.07	0	0	0	0	0	0
10/30/2023 20:10	46702 RENO_T1	1	70	69	0.1	0.15	0.05	-0.14	-0.14	0	0	0	0	0	0
10/30/2023 20:10	52403 GRPA_T2	1	0	-1	0.4	0	-0.4	-0.04	-0.07	0	0	0	0	0	0
10/30/2023 20:11	52403 GRPA_T2	1	0	-1	0.4	0	-0.4	-0.07	-0.07	0	0	0	0	0	0
10/30/2023 20:14	64101 REFR_T1	0	0	0	0	0	0	-0.2	-0.19	0	0	0	0	0	0
10/30/2023 20:20	59301 MCAL_T1	9	5	-4	0.47	0.66	0.19	0	0	0	0	0	0	0	0
10/31/2023 0:28	13901 SEID_T1	0	0	0	0	0	0	0.12	0.12	0	0	0	0	0	0
10/31/2023 0:28	40101 HUNT_T2	0	0	0	0	0	0	-0.67	-0.62	0	0	0	0	0	0
10/31/2023 0:28	59101 WALK_T2	1	1	0	0	0	0	0.6	0.73	0	0	0	0	0	0
10/31/2023 0:28	60501 NMAN_T2	3	3	0	5.7	5.6	-0.1	0	0	0	0	0	0	0	0
10/31/2023 0:28	52402 GRPA_T2	5	5	0	1.2	0.82	-0.38	0	0	0	0	0	0	0	0
10/31/2023 0:28	20403 ASHF_T2	0	0	0	0	0	0	0.05	0.03	0	0	0	0	0	0
10/31/2023 0:28	67502 WEWI_T2	0	0	0	0	0	0	-1.67	-1.69	1	1	0	900	900	0
10/31/2023 0:28	56603 HAMP_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/31/2023 0:28	52401 GRPA_T2	1	0	-1	0.2	0	-0.2	-0.58	-0.6	0	0	0	0	0	0
10/31/2023 0:28	62604 ENGL_T1	0	0	0	0	0	0	-1.82	-1.84	1	1	0	600	600	0
10/31/2023 0:28	28604 BLYT_T2	0	0	0	0	0	0	-1.46	-1.46	0	0	0	0	0	0
10/31/2023 0:28	29402 BELT_T1	1	1	0	8	8.2	0.2	0	0	0	0	0	0	0	0
10/31/2023 0:28	56802 BENV_T2	1	1	0	0.8	0.5	-0.3	-0.79	-0.84	0	0	0	0	0	0
10/31/2023 0:28	43201 MVIL_T2	0	0	0	0	0	0	-0.42	-0.42	0	0	0	0	0	0
10/31/2023 0:28	56501 ROCK_T2	12	15	3	0.65	0.65	0	-1.71	-1.73	0	0	0	0	0	0
10/31/2023 0:28	41801 GOCI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/31/2023 0:28	64101 REFR_T1	0	0	0	0	0	0	-0.01	-0.01	0	0	0	0	0	0
10/31/2023 0:28	41901 REED_T1	0	0	0	0	0	0	-1.44	-1.56	1	1	0	900	900	0
10/31/2023 0:28	64301 LINC_T1	0	0	0	0	0	0	0.13	0.11	0	0	0	0	0	0
10/31/2023 2:52	65001 NEFF_T2	2	0	-2	0.15	0	-0.15	-1.28	-1.35	1	1	0	1200	1200	0
10/31/2023 4:45	53903 HALI_T2	2	2	0	0.4	0.25	-0.15	-0.18	-0.16	0	0	0	0	0	0
10/31/2023 6:08	65001 NEFF_T2	0	0	0	0	0	0	-1.04	-0.99	1	1	0	1200	1200	0
10/31/2023 7:20	54701 NEBL_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/31/2023 7:24	46203 DANV_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/31/2023 7:40	46206 DANV_T2	2	2	0	0.8	0.2	-0.6	0	0	0	0	0	0	0	0
10/31/2023 7:57	45502 DERR_T2	13	65	52	0.42	0.54	0.12	0	0	0	0	0	0	0	0
10/31/2023 7:58	45502 DERR_T2	13	65	52	0.42	0.54	0.12	0	0	0	0	0	0	0	0
10/31/2023 8:12	45502 DERR_T2	15	75	60	0.48	0.34	-0.14	0	0	0	0	0	0	0	0
10/31/2023 8:13	52402 GRPA_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/31/2023 8:14	40101 HUNT_T2	5	102	97	0.28	0.33	0.05	-0.13	-0.12	0	0	0	0	0	0
10/31/2023 8:15	52402 GRPA_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/31/2023 8:16	54701 NEBL_T1	0	0	0	0	0	0	0	0	1	1	0	600	600	0
10/31/2023 8:18	46903 MNTG_T2	0	0	0	0	0	0	0.26	0.25	1	1	0	600	600	0
10/31/2023 8:19	55002 NEWP_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/31/2023 8:25	29402 BELT_T1	1	1	0	7.8	7.7	-0.1	0	0	0	0	0	0	0	0
10/31/2023 8:27	46801 HEPB_T2	2	2	0	0.4	0.5	0.1	0.64	0.62	0	0	0	0	0	0
10/31/2023 8:27	56802 BENV_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/31/2023 8:28	56802 BENV_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/31/2023 8:28	40101 HUNT_T2	6	105	99	0.33	0.34	0.01	-0.12	-0.14	0	0	0	0	0	0
10/31/2023 8:34	55002 NEWP_T1	6	6	0	0.48	0.8	0.32	-0.21	-0.18	0	0	0	0	0	0
10/31/2023 8:35	55002 NEWP_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/31/2023 8:37	13901 SEID_T1	0	1	1	0	0	0	0.23	0.24	0	0	0	0	0	0
10/31/2023 8:41	56802 BENV_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/31/2023 8:41	53601 DALM_T2	1	1	0	0.9	1.3	0.4	0.01	-0.01	0	0	0	0	0	0
10/31/2023 8:42	56802 BENV_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/31/2023 8:43	56802 BENV_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/31/2023 8:50	65902 SAKR_T2	0	0	0	0	0	0	0	0	2	2	0	1200	1200	0
10/31/2023 8:55	43304 WATS_T2	0	2	2	0	0	0	0	0	0	0	0	0	0	0
10/31/2023 9:01	56802 BENV_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/31/2023 9:06	55002 NEWP_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/31/2023 9:10	45502 DERR_T2	9	1	-8	0.4	1.2	0.8	0	0	0	0	0	0	0	0
10/31/2023 9:11	41801 GOCI_T2	1	5	4	0.2	0.3	0.1	0	0	0	0	0	0	0	0
10/31/2023 9:11	45501 DERR_T2	4	3	-1	0.38	0.4	0.02	0.96	1.06	2	2	0	1800	1800	0
10/31/2023 9:15	41801 GOCI_T2	3	36	33	0.2	0.23	0.03	0	0	0	0	0	0	0	0
10/31/2023 9:20	55002 NEWP_T1	7	8	1	1.03	0.95	-0.08	-0.2	-0.19	0	0	0	0	0	0
10/31/2023 9:22	49804 UNIV_T1	0	1	1	0	0.2	0.2	0	0	0	0	0	0	0	0
10/31/2023 9:23	29401 BELT_T1	25	29	4	0.16	0.15	-0.01	0	0	0	0	0	0	0	0
10/31/2023 9:23	56802 BENV_T2	113	130	17	0.2	0.2	0	-1.37	-1.39	0	0	0	0	0	0
10/31/2023 9:24	56803 BENV_T2	113	130	17	0.2	0.2	0	-1.37	-1.39	0	0	0	0	0	0
10/31/2023 9:25	59101 WALK_T2	1	1	0	0	0	0	1.76	1.85	1	1	0	450	450	0
10/31/2023 9:25	46203 DANV_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/31/2023 9:25	56802 BENV_T2	113	130	17	0.2	0.2	0	-1.37	-1.39	0	0	0	0	0	0
10/31/2023 9:26	56802 BENV_T2	113	130	17	0.2	0.2	0	-1.39	-0.66	0	0	0	0	0	0
10/31/2023 9:33	43202 MVIL_T2	0	1	1	0	0.3	0.3	-1.22	-1.12	0	0	0	0	0	0
10/31/2023 9:34	42001 MNVL_T2	0	1	1	0	0.2	0.2	0.07	0.06	0	0	0	0	0	0
10/31/2023 9:35	55002 NEWP_T1	8	9	1	0.88	0.79	-0.09	-0.19	-0.2	0	0	0	0	0	0
10/31/2023 9:35	66703 STRA_T1	0	0	0	0	0	0	-0.06	-0.09	0	0	0	0	0	0
10/31/2023 9:36	59101 WALK_T2	1	1	0	0	0	0	1.85	1.62	1	1	0	450	450	0
10/31/2023 9:37	13704 SCHN_T2	1	1	0	0.1	0.1	0	-0.33	-0.3	0	0	0	0	0	0
10/31/2023 9:39	10801 CHNI_T1	0	1	1	0	0.2	0.2	-1.08	-1.24	2	2	0	1500	1500	0
10/31/2023 9:40	56802 BENV_T2	130	1	-129	0.2	1	0.8	-1.39	-0.66	0	0	0	0	0	0
10/31/2023 9:42	56802 BENV_T2	130	1	-129	0.2	1	0.8	-0.66	-0.71	0	0	0	0	0	0
10/31/2023 9:44	40902 JESH_T1	0	0	0	0	0	0	0.1	0.21	1	1	0	600	600	0
10/31/2023 9:45	26401 INOR_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/31/2023 9:49	55002 NEWP_T1	7	11	4	0.91	0.88	-0.03	-0.2	-0.19	0	0	0	0	0	0
10/31/2023 9:50	46702 RENO_T1	0	0	0	0	0	0	-0.13	-0.12	0	0	0	0	0	0
10/31/2023 9:52	61202 REIN_T1	60	62	2	1.15	1.4	0.25	0	0	0	0	0	0	0	0
10/31/2023 9:52	46302 ROHR_T1	4	0	-4	1.1	1.15	0.05	0.18	0.14	0	0	0	0	0	0
10/31/2023 9:53	20403 ASHF_T2	12	6	-6	0.23	0.35	0.12	0.11	0.9	0	0	0	0	0	0
10/31/2023 9:53	14401 SSLA_T1	1	1	0	0.2	0.4	0.2	0	0	0	0	0	0	0	0
10/31/2023 9:54	20403 ASHF_T2	12	6	-6	0.23	0.35	0.12	0.11	0.9	0	0	0	0	0	0
10/31/2023 9:55	62607 ENGL_T1	0	2	2	0	0.15	0.15	0	0	0	0	0	0	0	0
10/31/2023 9:56	15001 BLMO_T1	2	2	0	0.2	0.25	0.05	0	0	0	0	0	0	0	0
10/31/2023 9:56	62607 ENGL_T1	0	2	2	0	0.15	0.15	0	0	0	0	0	0	0	0
10/31/2023 9:57	41901 REED_T1	5	5	-1	0.33	0.38	0.05	-1.4	-1.38	1	1	0	900	900	0
10/31/2023 9:58	62605 ENGL_T1	206	298	92	0.16	0.17	0.01	0	0	0	0	0	0	0	0
10/31/2023 9:58	46302 ROHR_T1	4	4	0	1.1	1.15	0.05	0.14	0.17	0	0	0	0	0	0
10/31/2023 9:59	62607 ENGL_T1	0	2	2	0	0.15	0.15	0	0	0	0	0	0	0	0
10/31/2023 10:00	43202 MVIL_T2	1	1	0	0.3	0.2	-0.1	0	0	0	0	0	0	0	0
10/31/2023 10:00	67001 STHI_T2	13	134	121	0.22	0.17	-0.05	0.66	0.72	0	0	0	0	0	0
10/31/2023 10:00	60501 NMAN_T2	3	9	6	5.4	1.93	-3.47	0	0	0	0	0	0	0	0
10/31/2023 10:00	56501 ROCK_T2	2	3	1	1.9	0.2	-1.7	0	0	0	0	0	0	0	0
10/31/2023 10:00	67603 WARW_T1	0	1	1	0	3.7	3.7	0	0	0	0	0	0	0	0
10/31/2023 10:00	46302 ROHR_T1	4	4	0	1.13	1.08	-0.05	0.14	0.17	0	0	0	0	0	0
10/31/2023 10:00	20401 ASHF_T2	0	0	0	0	0	0	-0.42	-0.39	1	1	0	600	600	0
10/31/2023 10:00	67001 STHI_T2	68	558	490	0.13	0.22	0.09	0	0	0	0	0	0	0	0
10/31/2023 10:00	46203 DANV_T2	3	5	2	0.17	0.4	0.23	0	0	0	0	0	0	0	0
10/31/2023 10:00	60201 ATGL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/31/2023 10:00	67502 WEWI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/31/2023 10:00	66501 SMAN_T2	0	2	2	0	0.45	0.45	0	0	0	0	0	0	0	0
10/31/2023 10:00	40602 PIGR_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/31/2023 10:00	64802 MONE_T2	23	1	-22	0.11	0.1	-0.01	0	0	0	0	0	0	0	0
10/31/2023 10:00	57403 SPAN_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/31/2023 10:00	46003 BERW_T2	1	1	0	1.2	1.1	-0.1	0	0	0	0	0	0	0	0
10/31/2023 10:00	53903 HALI_T2	0	2	2	0	0.9	0.9	-0.13	-0.17	0	0	0	0	0	0
10/31/2023 10:00	56802 BENV_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/31/2023 10:00	12601 MACA_T1	0	1	1	0	0.4	0.4	0	0	0	0	0	0	0	0
10/31/2023 10:00	67401 WAKE_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/31/2023 10:00	56601 HAMP_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/31/2023 10:00	26401 INOR_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/31/2023 10:00	52503 PROG_T2	0	0	0	0	0	0	-0.7	-0.72	1	1	0	900	900	0
10/31/2023 10:00	53501 EVIL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/31/2023 10:00	13701 SCHN_T2	3	6	3	0.43	0.37	-0.06	0	0	0	0	0	0	0	0
10/31/2023 10:00	52401 GRPA_T2	0	1	1	0	0.5	0.5	0	0	0	0	0	0	0	0
10/31/2023 10:00	54701 NEBL_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/31/2023 10:00	55002 NEWP_T1	7	11	4	0.8	1.01	0.21	-0.38	-0.34	0	0	0	0	0	0
10/31/2023 10:00	46702 RENO_T1	0	0	0	0	0	0	-0.12	-0.14	0	0	0	0	0	0
10/31/2023 10:00	43304 WATS_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/31/2023 10:00	13302 ORVI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/31/2023 10:01	54701 NEBL_T1	0	0	0	0	0	0	0	0	1	1	0	600	600	0
10/31/2023 10:03	48302 ORWI_T2	2	2	0	1.6	1.25	-0.35	0.11	0.1	0	0	0	0	0	0
10/31/2023 10:04	46302 ROHR_T1	4	4	0	1.13	1.08	-0.05	0	0	0	0	0	0	0	0
10/31/2023 10:04	54206 PENN_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/31/2023 10:06	13701 SCHN_T2	3	6	3	0.43	0.37	-0.06	0	0	0	0	0	0	0	0
10/31/2023 10:06	66701 STRA_T1	0	1	1	0	0.5

Appendix C - Grid Benefits Achieved in Each Instance of Active Management

10/31/2023 10:15	28403 HART_T2	0	0	0	0	0	0	-0.79	-0.8	1	1	0	900	900	0
10/31/2023 10:15	10801 CHHI_T1	2	3	1	0.25	0.53	0.28	-1.35	-1.22	2	2	0	1500	1500	0
10/31/2023 10:15	40902 JESH_T1	0	0	0	0	0	0	0.59	0.2	1	1	0	600	600	0
10/31/2023 10:15	12701 MACU_T1	0	0	0	0	0	0	0.09	0.12	0	0	0	0	0	0
10/31/2023 10:15	42001 MNVL_T2	2	2	0	0.2	0.35	0.15	0.01	0.05	0	0	0	0	0	0
10/31/2023 10:16	52402 GRPA_T2	3	5	2	1	1.02	0.02	0	0	0	0	0	0	0	0
10/31/2023 10:16	12701 MACU_T1	0	0	0	0	0	0	0.09	0.12	0	0	0	0	0	0
10/31/2023 10:16	23301 IEFF_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/31/2023 10:17	51201 MTON_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/31/2023 10:17	46803 HEPB_T2	1	2	1	0.7	0.55	-0.15	0	0	0	0	0	0	0	0
10/31/2023 10:17	54701 NEBL_T1	0	0	0	0	0	0	0	0	1	1	0	600	600	0
10/31/2023 10:18	61202 REIN_T1	61	61	0	1.4	1.37	-0.03	0	0	0	0	0	0	0	0
10/31/2023 10:18	52502 PROG_T2	0	0	0	0	0	0	-0.67	-0.67	1	1	0	900	900	0
10/31/2023 10:20	52502 PROG_T2	0	0	0	0	0	0	-0.67	-0.67	1	1	0	900	900	0
10/31/2023 10:20	57401 SPAN_T1	157	33	-124	0.3	0.28	-0.02	-2.36	-1.05	2	0	-2	1200	0	-1200
10/31/2023 10:20	43202 MVIL_T2	1	1	0	0.2	0.4	0.2	-0.63	-0.57	0	0	0	0	0	0
10/31/2023 10:20	65604 QVIL_T2	0	0	0	0	0	0	0.67	0.66	0	0	0	0	0	0
10/31/2023 10:21	65001 NEFF_T2	0	0	0	0	0	0	-0.52	-0.51	1	1	0	1200	1200	0
10/31/2023 10:21	57403 SPAN_T1	7	5	-2	0.13	0.16	0.03	0	0	0	0	0	0	0	0
10/31/2023 10:21	43202 MVIL_T2	1	1	0	0.2	0.4	0.2	-0.63	-0.57	0	0	0	0	0	0
10/31/2023 10:22	57403 SPAN_T1	7	5	-2	0.13	0.16	0.03	0	0	0	0	0	0	0	0
10/31/2023 10:22	52502 PROG_T2	0	0	0	0	0	0	-0.67	-0.67	1	1	0	900	900	0
10/31/2023 10:23	15001 BLMO_T1	0	2	2	0	0.25	0.25	0	0	0	0	0	0	0	0
10/31/2023 10:23	56801 BENV_T1	37	42	5	0.61	0.6	-0.01	-1.54	-1.5	2	2	0	1200	1200	0
10/31/2023 10:24	51301 WIND_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/31/2023 10:24	65902 SAKR_T2	0	0	0	0	0	0	0	0	2	2	0	1200	1200	0
10/31/2023 10:24	29402 BELT_T1	3	4	1	2.8	2.35	-0.45	0	0	0	0	0	0	0	0
10/31/2023 10:24	56801 BENV_T1	37	42	5	0.61	0.6	-0.01	-0.77	-0.75	1	1	0	600	600	0
10/31/2023 10:24	15001 BLMO_T1	0	2	2	0	0.25	0.25	0	0	0	0	0	0	0	0
10/31/2023 10:25	56803 BENV_T1	3	3	0	0.37	0.7	0.33	0	0	0	0	0	0	0	0
10/31/2023 10:25	57401 SPAN_T1	157	33	-124	0.3	0.28	-0.02	-1.18	-0.53	0	0	0	0	0	0
10/31/2023 10:25	61801 EEU_T2	3	3	0	0.93	0.83	-0.1	-2.22	-2.21	1	0	0	0	0	0
10/31/2023 10:25	15001 BLMO_T1	0	2	2	0	0.25	0.25	0	0	0	0	0	0	0	0
10/31/2023 10:26	28604 BLYT_T2	0	0	0	0	0	0	-1.4	-1.4	0	0	0	0	0	0
10/31/2023 10:26	56801 BENV_T1	37	42	5	0.61	0.6	-0.01	-1.5	-1.55	2	2	0	1200	1200	0
10/31/2023 10:26	51301 WIND_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/31/2023 10:27	12205 FOGE_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/31/2023 10:28	56803 BENV_T1	3	3	0	0.37	0.7	0.33	0	0	0	0	0	0	0	0
10/31/2023 10:29	43402 BENT_T1	0	2	2	0	0.2	0.2	-0.87	-0.72	2	2	0	1500	1500	0
10/31/2023 10:31	53903 HALI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/31/2023 10:35	59101 WALK_T2	1	1	0	0	0	0	2.13	1.83	0	0	0	0	0	0
10/31/2023 10:36	59101 WALK_T2	1	1	0	0	0	0	2.13	1.83	0	0	0	0	0	0
10/31/2023 10:37	67503 WEWI_T2	0	1	1	0	0.1	0.1	0	0	0	0	0	0	0	0
10/31/2023 10:38	59101 WALK_T2	1	1	0	0	0	0	2.13	1.83	0	0	0	0	0	0
10/31/2023 10:39	67503 WEWI_T2	0	1	1	0	0.1	0.1	0	0	0	0	0	0	0	0
10/31/2023 10:39	60801 BUCK_T1	0	0	0	0	0	0	0.16	0.16	0	0	0	0	0	0
10/31/2023 10:39	59101 WALK_T2	1	1	0	0	0	0	2.13	1.83	0	0	0	0	0	0
10/31/2023 10:40	56802 BENV_T2	1	2	1	1.1	0.55	-0.55	-0.69	-0.7	0	0	0	0	0	0
10/31/2023 10:40	28601 BLYT_T2	0	1	1	0	0	0	0	0	0	0	0	0	0	0
10/31/2023 10:40	17802 GLB_T1	2	4	2	0.85	0.68	-0.17	0.06	0.05	0	0	0	0	0	0
10/31/2023 10:41	67503 WEWI_T2	0	1	1	0	0.1	0.1	0	0	0	0	0	0	0	0
10/31/2023 10:41	56802 BENV_T2	1	2	1	1.1	0.55	-0.55	-0.7	-0.7	0	0	0	0	0	0
10/31/2023 10:42	56802 BENV_T2	1	2	1	1.1	0.55	-0.55	-0.7	-0.7	0	0	0	0	0	0
10/31/2023 10:43	64204 KINZ_T1	1	2	1	1	0.45	-0.55	0	0	0	0	0	0	0	0
10/31/2023 10:45	46903 MNTG_T2	0	1	1	0	0	0	0.22	0.25	1	1	0	600	600	0
10/31/2023 10:47	52402 GRPA_T2	5	7	2	1.02	0.81	-0.21	0	0	0	0	0	0	0	0
10/31/2023 10:47	13302 ORVI_T2	2	2	0	0.65	0.65	0	0.98	0.99	0	0	0	0	0	0
10/31/2023 10:49	52402 GRPA_T2	5	7	2	1.02	0.81	-0.21	0	0	0	0	0	0	0	0
10/31/2023 10:50	47802 MOCA_T2	2	2	0	0.3	0.45	0.15	-0.96	-0.96	0	0	0	0	0	0
10/31/2023 10:50	13105 NHAM_T2	0	0	0	0	0	0	-0.29	-0.31	1	1	0	1200	1200	0
10/31/2023 10:51	66501 SMAN_T2	2	2	0	0.6	0.35	-0.25	0	0	0	0	0	0	0	0
10/31/2023 10:52	16302 ALPA_T2	0	1	1	0	0.1	0.1	0.64	0.67	0	0	0	0	0	0
10/31/2023 10:52	15103 UPHA_T2	0	2	2	0	0.45	0.45	0.44	0.42	0	0	0	0	0	0
10/31/2023 10:52	67001 STHI_T2	574	558	-16	0.25	0.22	-0.03	0	0	0	0	0	0	0	0
10/31/2023 10:53	52502 PROG_T2	0	0	0	0	0	0	-0.66	-0.66	1	0	-1	900	0	-900
10/31/2023 10:53	16301 ALPA_T1	2	6	4	0.2	0.3	0.1	-0.49	-0.4	0	0	0	0	0	0
10/31/2023 10:53	29401 BELT_T1	52	54	2	0.17	0.23	0.06	0	0	0	0	0	0	0	0
10/31/2023 10:55	16301 ALPA_T1	2	6	4	0.2	0.3	0.1	-1.46	-1.2	0	0	0	0	0	0
10/31/2023 10:55	65902 SAKR_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/31/2023 10:55	16302 ALPA_T2	0	1	1	0	0.1	0.1	0.64	0.67	0	0	0	0	0	0
10/31/2023 10:55	20401 ASHF_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/31/2023 10:56	16302 ALPA_T2	0	1	1	0	0.1	0.1	1.33	1.34	0	0	0	0	0	0
10/31/2023 10:56	28403 HART_T2	0	0	0	0	0	0	-0.8	-0.8	1	1	0	900	900	0
10/31/2023 10:57	15001 BLMO_T1	2	2	0	0.15	0.2	0.05	0	0	0	0	0	0	0	0
10/31/2023 10:57	53601 DALM_T2	1	1	0	1.2	1.3	0.1	-0.07	-0.04	0	0	0	0	0	0
10/31/2023 10:59	17401 FOHI_T1	2	3	1	1.4	1.17	-0.23	-1.05	-1.03	0	0	0	0	0	0
10/31/2023 11:00	40101 HUNT_T2	5	0	-5	0.2	0	-0.2	-0.13	-0.09	0	0	0	0	0	0
10/31/2023 11:01	57304 MOAL_T2	21	61	40	0.22	0.4	0.18	-0.54	-0.59	0	0	0	0	0	0
10/31/2023 11:01	46901 MNTG_T2	0	0	0	0	0	0	1.82	1.62	0	0	0	0	0	0
10/31/2023 11:03	53903 HALI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/31/2023 11:04	56501 ROCK_T2	1	9	8	0.8	0.21	-0.59	-0.18	-0.19	0	0	0	0	0	0
10/31/2023 11:04	55002 NEWP_T1	15	17	2	0.93	0.9	-0.03	-0.17	-0.22	0	0	0	0	0	0
10/31/2023 11:04	50506 MECH_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/31/2023 11:05	67204 TEHI_T2	0	0	0	0	0	0	0	-0.04	0	0	0	0	0	0
10/31/2023 11:05	65902 SAKR_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/31/2023 11:06	65902 SAKR_T2	0	0	0	0	0	0	0	0	2	2	0	1200	1200	0
10/31/2023 11:06	65001 NEFF_T2	1	1	0	0.1	0.2	0.1	0	0	0	0	0	0	0	0
10/31/2023 11:06	57403 SPAN_T1	7	60	53	0.24	0.36	0.12	0.06	0.09	0	0	0	0	0	0
10/31/2023 11:06	67204 TEHI_T2	0	0	0	0	0	0	0	-0.04	0	0	0	0	0	0
10/31/2023 11:06	46302 ROHR_T1	4	5	1	1.7	1.54	-0.16	0	0	0	0	0	0	0	0
10/31/2023 11:06	67203 TEHI_T1	0	0	0	0	0	0	2.49	2.35	2	2	0	1500	1500	0
10/31/2023 11:06	40201 BEGA_T2	10	11	1	0.37	0.3	-0.07	0	0	0	0	0	0	0	0
10/31/2023 11:07	57403 SPAN_T1	7	60	53	0.24	0.36	0.12	0.06	0.09	0	0	0	0	0	0
10/31/2023 11:08	56802 BENV_T2	2	24	22	0.35	0.23	-0.12	-2.1	-2.07	0	0	0	0	0	0
10/31/2023 11:08	49804 UNIV_T1	1	0	-1	0.1	0	-0.1	0	0	0	0	0	0	0	0
10/31/2023 11:08	60803 BUCK_T1	0	5	5	0	0.12	0.12	-0.9	-0.94	1	1	0	600	600	0
10/31/2023 11:09	61802 EEU_T2	0	1	1	0	0.1	0.1	-0.22	-0.23	0	0	0	0	0	0
10/31/2023 11:09	40201 BEGA_T2	10	11	1	0.37	0.3	-0.07	0	0	0	0	0	0	0	0
10/31/2023 11:10	56802 BENV_T2	2	24	22	0.35	0.23	-0.12	-0.7	-0.69	0	0	0	0	0	0
10/31/2023 11:10	60803 BUCK_T1	0	5	5	0	0.12	0.12	-0.9	-0.94	1	1	0	600	600	0
10/31/2023 11:11	61803 EEU_T2	1	2	1	0.7	1.1	0.4	0	0	0	0	0	0	0	0
10/31/2023 11:11	29401 BELT_T1	44	56	12	0.2	0.22	0.02	0	0	1	1	0	900	900	0
10/31/2023 11:11	41901 REED_T1	7	6	-1	0.24	0.3	0.06	0	0	0	0	0	0	0	0
10/31/2023 11:11	44802 EDAN_T2	0	0	0	0	0	0	-0.84	-0.92	0	0	0	0	0	0
10/31/2023 11:11	56802 BENV_T2	2	24	22	0.35	0.23	-0.12	-0.69	-0.68	0	0	0	0	0	0
10/31/2023 11:12	61801 EEU_T2	5	9	4	0.74	0.69	-0.05	-0.2	-0.19	0	0	0	0	0	0
10/31/2023 11:12	44802 EDAN_T2	0	0	0	0	0	0	-0.84	-0.92	0	0	0	0	0	0
10/31/2023 11:12	56802 BENV_T2	2	24	22	0.35	0.23	-0.12	-1.38	-1.36	0	0	0	0	0	0
10/31/2023 11:13	44802 EDAN_T2	0	0	0	0	0	0	-0.84	-0.92	0	0	0	0	0	0
10/31/2023 11:13	41801 GOCI_T2	35	129	94	0.27	0.3	0.03	0	0	0	0	0	0	0	0
10/31/2023 11:13	53903 HALI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/31/2023 11:14	52004 LING_T2	2	5	3	0.8	0.72	-0.08	0.17	0.17	0	0	0	0	0	0
10/31/2023 11:14	41901 REED_T1	7	6	-1	0.24	0.3	0.06	0	0	0	0	0	0	0	0
10/31/2023 11:16	50506 MECH_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/31/2023 11:16	55002 NEWP_T1	17	11	-6	0.89	0.99	0.1	-0.22	-0.24	0	0	0	0	0	0
10/31/2023 11:18	44601 SALE_T2	0	0	0	0	0	0	1.2	0.05	1	1	0	600	600	0
10/31/2023 11:19	55002 NEWP_T1	17	11	-6	0.89	0.99	0.1	-0.22	-0.24	0	0	0	0	0	0
10/31/2023 11:22	65901 SAKR_T2	1	1	0	8.5	8.9	0.4	0	0	0	0	0	0	0	0
10/31/2023 11:22	44601 SALE_T2	0	0	0	0.2	0	0	1.2	0.05	1	1	0	600	600	0
10/31/2023 11:22	45402 WBLO_T2	48	50	2	0.38	0.44	0.06	-0.69	-0.68	0	0	0	0	0	0
10/31/2023 11:22	42201 SHEN_T2	0	0	0	0	0	0	0.09	0.09	1	1	0	600	600	0
10/31/2023 11:23	51301 WIND_T1	8	16	8	0.35	0.39	0.04	-0.32	-0.37	0	0	0	0	0	0
10/31/2023 11:23	51302 WIND_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/31/2023 11:24	67503 WEWI_T2	0	0	0	0	0	0	-0.46	-0.48	0	0	0	0	0	0
10/31/2023 11:24	56801 BENV_T1	36	50	14	0.54	0.84	0.3	-1.5	-1.58	2	2	0	1200	1200	0
10/31/2023 11:24	67503 WEWI_T2	0	0	0	0	0	0	-0.46	-0.48	0	0	0	0	0	0
10/31/2023 11:25	67401 WAKE_T2	0	0	0	0	0	0	-0.8	-0.83	0	0	0	0	0	0
10/31/2023 11:25	56801 BENV_T1	36	50	14	0.54	0.84	0.3	-0.75	-0.79	1	1	0	600	600	0
10/31/2023 11:27	44802 EDAN_T2	0	0	0	0	0	0	-1.83	-1.85	0	0	0	0	0	0
10/31/2023 11:27	56801 BENV_T1	36	50	14	0.54	0.84	0.3	-0.79	-0.77	1	1	0	600	600	0
10/31/2023 11:27	10805 CHHI_T2	1	8	7	7.9	1.23	-6.67	-0.92	-0.97	2	2	0	1800	1800	0
10/31/2023 11:29	53903 HALI_T2	5	7	2	0.78	0.76	-0.02	-0.12	-0.13	0	0	0	0	0	0
10/31/2023 11:29	44802 EDAN_T2	0	0	0	0	0	0	-0.92	-0.93	0	0	0	0	0	0
10/31/2023 11:31	65005 NEFF_T2	0	1	1	0	0.3	0.3	0	0	0	0	0	0	0	0
10/31/2023 11:31	53902 HALI_T2	1	2	1	0.3	0.55	0.25	-0.88	-0.88	0	0	0	0	0	0
10/31/2023 11:32	43202 MVIL_T2	70	66	-4	0.43	0.45	0.02	0	0	0	0	0	0	0	0
10/31/2023 11:32	39601 LNFD_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/31/2023 11:33	43202 MVIL_T2	70	66	-4	0.43	0.45	0.02	-0.59	-0.59	0	0	0	0	0	0
10/31/2023 11:34	59301 MCAL_T1	3	9	6	0.9	0.57	-0.33	0	0	0	0	0	0	0	0
10/31/2023 11:34	65604 QVIL_T2	0	0	0	0	0	0	0.28	0.3	0	0	0	0	0	0
10/31/2023 11:34	43202 MVIL_T2	70	66	-4	0.43	0.45	0.02	-0.59	-0.59	0	0	0	0	0	0
10/31/2023 11:35	65604 QVIL_T2	0	0	0	0	0	0	0.28	0.3	0	0	0	0	0	0
10/31/2023 11:35	59101 WALK_T2	1	1	0	0	0	0	2.26	2.61	0	0	0	0	0	0
10/31/2023 11:37	42601 TUSC_T1	0	0	0	0	0	0	1.84	1.98	4	6	2	3600	4800	1200
10/31/2023 11:37	59101 WALK_T2	1	1	0	0	0	0	2.26	2.61	0	0	0	0	0	0
10/31/2023 11:37	15001 BLMO_T1	3	3	0	0.47	0.43	-0.04	0	0	0	0	0	0	0	0
10/31/2023 11:38	59101 WALK_T2	1	1	0	0	0	0	2.26	2.61	0	0	0	0	0	0
10/31/2023 11:38	60201 ATGL_T2	0	1	1	0	0.1	0.1	0.52	0.44	0	0	0	0	0	0
10/31/2023 11:38	15001 BLMO_T1	3	3	0	0.47	0.43	-0.04	0	0	0	0	0	0	0	0
10/31/2023 11:39	59101 WALK_T2	1	1	0	0	0	0	4.51	5.22	0	0	0	0	0	0
10/31/2023 11:39	15001 BLMO_T1	3	3	0	0.47	0.43	-0.04	0	0	0	0	0	0	0	0
10/31/2023 11:40	59101 WALK_T2	1	1	0	0	0	0	2.26	2.61	0	0	0	0	0	0
10/31/2023 11:41	60201 ATGL_T2	0	1	1	0	0.1	0.1	0.44	0.42	0	0	0	0	0	0
10/31/2023 11:41	47402 PENS_T1	0	1	1	0	0.4	0.4	0	0	0	0	0	0	0	0
10/31/2023 11:41	15001 BLMO_T1	3	3	0	0.47	0.43	-0.04	0	0	0	0	0	0	0	0
10/31/2023 11:44	53902 HALI_T2	1	2	1	0.3	0.55	0.25	0	0	0	0	0	0	0	0
10/31/2023 11:45	40902 JESH_T1	0	0	0	0	0	0	0.07	0.05	1	1	0	600	600	0
10/31/2023 11:45	52401 GRPA_T2	1	1	0	0.7	0.8	0.1	-0.47	-0.47	0	0	0	0	0	0
10/31/2023 11:45	52401 GRPA_T2	1	1	0	0.7	0.8	0.1	-0.47	-0.47	0	0	0	0	0	0
10/31/2023 11:46	53902 HALI_T2	2	1	-1	0.55	0.9	0.35	-0.88	-0.86	0	0	0	0	0	0
10/31/2023 11:47	52403 GRPA_T2	0	0	0	0	0	0	-0.01	-0.03	0	0	0	0	0	0
10/31/2023 11:47	52401 GRPA_T2	1	1	0	0.7	0.8	0.1	-0.47	-0.47	0	0	0	0	0	0
10/31/2023 11:47	64303 LINC_T1	0	1	1	0	0.1	0.1	0	0	0	0	0	0	0	0
10/31/2023 11:47	58402 MORO_T1	0	2	2	0	0.2	0.2	-1.14	-1.13	2	2	0	1500	1500	0
10/31/2023 11:47	39601 LNFD_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/31/2023 11:48	58401 MORO_T1	4	8	4	0.28	0.48	0.2	-2.64	-2.84	3	3	0	1800	1800	0
10/31/2023 11:49	65604 QVIL_T2	0	0	0	0	0	0	0.3	0.31	0	0	0	0	0	0
10/31/2023 11:49	58401 MORO_T1	4	8	4	0.28	0.48	0.2	-0.88	-0.95	1	1	0	600	600	0
10/31/2023 11:49	50701 SMEC_T1	8	14	6	0.88	0.67	-0.21	0.12	0.13	0	0	0	0	0	0
10/31/2023 11:49	58402 MORO_T1	0	2	2	0	0.2	0.2	-1.14	-1.13	2	2	0	1500	1500	0
10/31/2023 11:50	58402 MORO_T1	0	2	2	0	0.2	0.2	-1.14	-1.13	2	2	0	1500	1500	0
10/31/2023 11:50	65601 QVIL_T2	0	2	2	0	0.45	0.45	0	0	0	0	0	0	0	0
10/31/2023 11:50	58401 MORO_T1	4	8	4	0.28	0.48	0.2	-2.64	-2.84	3	3	0	1800	1800	0
10/31/2023 11:51	58401 MORO_T1	4	8	4	0.28	0.48	0.2	-0.88	-0.95	1	1	0	600	600	0
10/31/2023 11:52	65902 SAKR_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/31/2023 11:52	67204 TEHI_T2	0	0	0	0	0	0	-0.08	-0.07	0	0	0	0	0	0
10/31/2023 11:52	24901 WHHA_T1	1	0	-1	0.2	0	-0.2	0.59	0.55	0	0	0	0	0	0
10/31/2023 11:53	20402 ASHF_T2	0

10/31/2023 12:11	20402 ASHF_T2	2	4	2	0.35	0.43	0.08	0	0	0	0	0	0	0	0
10/31/2023 12:11	44302 BEAV_T2	0	19	19	0	0.18	0.18	0.23	0.21	0	0	0	0	0	0
10/31/2023 12:11	59102 WALK_T2	0	5	5	0	0.38	0.38	0	0	0	0	0	0	0	0
10/31/2023 12:11	43001 ALWD_T1	2	9	7	0.7	0.52	-0.18	0	0	0	0	0	0	0	0
10/31/2023 12:12	53902 HALI_T2	1	2	1	0.3	0.5	0.2	-0.89	-0.89	0	0	0	0	0	0
10/31/2023 12:13	15001 BLMO_T1	3	8	5	0.43	0.38	-0.05	0	0	0	0	0	0	0	0
10/31/2023 12:13	17401 FOHL_T1	2	2	0	1.1	1.1	0	-1.01	-1.02	0	0	0	0	0	0
10/31/2023 12:14	53903 HALI_T2	5	7	-2	1	0.9	-0.1	-0.1	-0.14	0	0	0	0	0	0
10/31/2023 12:15	43202 MVIL_T2	86	54	-32	0.55	0.31	-0.24	-0.57	-0.56	0	0	0	0	0	0
10/31/2023 12:16	52403 GRPA_T2	0	6	6	0	0.4	0.4	-0.04	0	0	0	0	0	0	0
10/31/2023 12:16	52403 GRPA_T2	0	6	6	0	0.4	0.4	-0.04	0	0	0	0	0	0	0
10/31/2023 12:16	40902 JESH_T1	0	0	0	0	0	0	0.16	0.17	1	1	0	600	600	0
10/31/2023 12:18	58402 MORO_T1	1	2	1	0.2	0.15	-0.05	-1.14	-1.18	2	2	0	1500	1500	0
10/31/2023 12:18	54202 PENN_T2	1	0	-1	0.1	0	-0.1	0.63	0.61	0	0	0	0	0	0
10/31/2023 12:18	52403 GRPA_T2	0	6	6	0	0.4	0.4	-0.04	0	0	0	0	0	0	0
10/31/2023 12:19	43202 MVIL_T2	86	54	-32	0.55	0.31	-0.24	0	0	0	0	0	0	0	0
10/31/2023 12:19	54202 PENN_T2	1	0	-1	0.1	0	-0.1	0	0	0	0	0	0	0	0
10/31/2023 12:19	52403 GRPA_T2	0	6	6	0	0.4	0.4	0	0	0	0	0	0	0	0
10/31/2023 12:20	58401 MORO_T1	8	2	-6	0.48	0.45	-0.03	-0.92	-0.96	1	1	0	600	600	0
10/31/2023 12:20	58401 MORO_T1	8	2	-6	0.48	0.45	-0.03	-0.92	-0.96	1	1	0	600	600	0
10/31/2023 12:21	58401 MORO_T1	8	2	-6	0.48	0.45	-0.03	0	0	0	0	0	0	0	0
10/31/2023 12:21	43201 MVIL_T2	0	0	-1	0.8	0	-0.8	0	0	0	0	0	0	0	0
10/31/2023 12:21	64802 MONE_T2	2	2	0	0.15	0.4	0.25	-0.01	-0.01	0	0	0	0	0	0
10/31/2023 12:23	45001 LIME_2	36	30	-6	0.48	0.41	-0.07	0	0	0	0	0	0	0	0
10/31/2023 12:24	45001 LIME_2	36	30	-6	0.48	0.41	-0.07	0	0	0	0	0	0	0	0
10/31/2023 12:24	16301 ALPA_T1	5	18	13	0.42	0.22	-0.2	-0.48	-0.47	0	0	0	0	0	0
10/31/2023 12:25	51306 WIND_T2	1	1	0	0.1	0.2	0.1	0	0	0	0	0	0	0	0
10/31/2023 12:30	63801 HEMP_T1	36	8	-28	0.22	0.4	0.18	0	0	0	0	0	0	0	0
10/31/2023 12:30	45702 LIND_T2	1	1	0	1.9	1.6	-0.3	-0.48	-0.5	0	0	0	0	0	0
10/31/2023 12:37	14802 TREI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/31/2023 12:39	47403 PENS_T1	5	1	-4	1.2	1.6	0.4	0	0	0	0	0	0	0	0
10/31/2023 12:40	47401 PENS_T1	4	0	-4	0.25	0	-0.25	1.18	0.82	0	0	0	0	0	0
10/31/2023 12:41	63802 HEMP_T1	21	7	-14	0.27	0.26	-0.01	-0.5	-0.45	0	0	0	0	0	0
10/31/2023 12:41	60201 ATGL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/31/2023 12:41	47401 PENS_T1	4	0	-4	0.25	0	-0.25	0.82	0.79	0	0	0	0	0	0
10/31/2023 12:42	47401 PENS_T1	4	0	-4	0.25	0	-0.25	0.82	0.79	0	0	0	0	0	0
10/31/2023 12:50	67204 TEHI_T2	0	0	0	0	0	0	-0.1	-0.1	0	0	0	0	0	0
10/31/2023 12:51	65902 SAKR_T2	0	1	1	0	0	0	0	0	2	2	0	1200	1200	0
10/31/2023 12:51	67204 TEHI_T2	0	0	0	0	0	0	-0.1	-0.1	0	0	0	0	0	0
10/31/2023 12:51	67203 TEHI_T1	0	0	0	0	0	0	2.31	2.23	2	2	0	1500	1500	0
10/31/2023 12:52	67201 TEHI_T1	0	0	0	0	0	0	1	1.16	1	1	0	900	900	0
10/31/2023 12:58	40902 JESH_T1	0	1	1	0	0	0	0.27	0.21	1	1	0	600	600	0
10/31/2023 13:01	58401 MORO_T1	0	9	9	0	0.54	0.54	0	0	0	0	0	0	0	0
10/31/2023 13:02	58402 MORO_T1	2	5	3	0.15	0.42	0.27	-1.13	-1.11	2	2	0	1500	1500	0
10/31/2023 13:03	59302 MCAL_T1	0	0	0	0	0	0	0.3	0.25	1	1	0	600	600	0
10/31/2023 13:03	58401 MORO_T1	0	9	9	0	0.54	0.54	0	0	0	0	0	0	0	0
10/31/2023 13:04	58402 MORO_T1	2	5	3	0.15	0.42	0.27	0	0	0	0	0	0	0	0
10/31/2023 13:06	64101 REFR_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/31/2023 13:07	45402 WBLO_T2	44	51	7	0.33	0.39	0.06	0	0	0	0	0	0	0	0
10/31/2023 13:08	51305 WIND_T1	1	1	0	0.6	0.7	0.1	0	0	0	0	0	0	0	0
10/31/2023 13:09	51305 WIND_T1	1	1	0	0.6	0.7	0.1	0	0	0	0	0	0	0	0
10/31/2023 13:09	13901 SEID_T1	0	0	0	0	0	0	0.18	0.17	0	0	0	0	0	0
10/31/2023 13:10	46004 BERW_T2	1	2	1	0.5	0.45	-0.05	0	0	0	0	0	0	0	0
10/31/2023 13:11	15001 BLMO_T1	2	2	0	0.45	0.5	0.05	0	0	0	0	0	0	0	0
10/31/2023 13:12	43301 WATS_T2	0	1	1	0	0.2	0.2	0	0	0	0	0	0	0	0
10/31/2023 13:12	15001 BLMO_T1	2	2	0	0.45	0.5	0.05	0	0	0	0	0	0	0	0
10/31/2023 13:14	53903 HALI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/31/2023 13:15	26401 INOR_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/31/2023 13:18	52402 GRPA_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/31/2023 13:22	43304 WATS_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/31/2023 13:22	64801 MONE_T2	0	2	2	0	0.1	0.1	0	0	0	0	0	0	0	0
10/31/2023 13:22	14803 TREI_T2	31	47	16	0.28	0.26	-0.02	0	0	0	0	0	0	0	0
10/31/2023 13:25	67401 WAKE_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/31/2023 13:25	51301 WIND_T1	4	5	1	0.45	0.62	0.17	0.35	0.31	0	0	0	0	0	0
10/31/2023 13:27	20401 ASHF_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/31/2023 13:27	47403 PENS_T1	1	1	0	1.3	1.5	0.2	0	0	0	0	0	0	0	0
10/31/2023 13:30	63802 HEMP_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/31/2023 13:32	42903 MIDD_T2	2	2	0	0.5	0.7	0.2	0	0	0	0	0	0	0	0
10/31/2023 13:32	64702 LITI_T2	0	0	0	0	0	0	-0.78	-0.71	0	0	0	0	0	0
10/31/2023 13:33	42902 MIDD_T2	4	5	1	2.1	0.66	-1.44	0	0	0	0	0	0	0	0
10/31/2023 13:34	42901 MIDD_T2	1	2	1	0.1	0.3	0.2	0	0	0	0	0	0	0	0
10/31/2023 13:35	53901 HALI_T2	1	2	1	0.6	0.55	-0.05	0	0	0	0	0	0	0	0
10/31/2023 13:35	66502 SMAN_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/31/2023 13:39	60201 ATGL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/31/2023 13:39	45402 WBLO_T2	48	59	11	0.29	0.46	0.17	0	0	0	0	0	0	0	0
10/31/2023 13:40	67401 WAKE_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/31/2023 13:41	60201 ATGL_T2	0	0	0	0	0	0	0.67	0.6	0	0	0	0	0	0
10/31/2023 13:41	46004 BERW_T2	2	0	-2	0.45	0	-0.45	0	0	0	0	0	0	0	0
10/31/2023 13:42	44301 BEAV_T2	0	7	7	0	0.31	0.31	0.56	0.65	1	1	0	600	600	0
10/31/2023 13:43	20401 ASHF_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/31/2023 13:46	23301 JEFF_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/31/2023 13:47	26401 INOR_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/31/2023 13:48	52402 GRPA_T2	14	18	4	0.9	0.95	0.05	0	0	0	0	0	0	0	0
10/31/2023 13:48	42903 MIDD_T2	2	2	0	0.55	1.05	0.5	0	0	0	0	0	0	0	0
10/31/2023 13:49	42901 MIDD_T2	1	3	2	0.1	0.4	0.3	0	0	0	0	0	0	0	0
10/31/2023 13:49	50701 SMEC_T1	5	6	1	0.88	0.95	0.07	0.06	0.1	0	0	0	0	0	0
10/31/2023 13:51	50701 SMEC_T1	5	6	1	0.88	0.95	0.07	0.06	0.1	0	0	0	0	0	0
10/31/2023 13:52	13905 SEID_T1	1	4	3	0.1	0.38	0.28	0	0	0	0	0	0	0	0
10/31/2023 13:52	51302 WIND_T2	0	8	8	0	0.15	0.15	0	0	0	0	0	0	0	0
10/31/2023 13:53	20401 ASHF_T2	93	98	5	0.27	0.26	-0.01	0	0	0	0	0	0	0	0
10/31/2023 13:53	47402 PENS_T1	1	1	0	0.4	0.4	0	0	0	0	0	0	0	0	0
10/31/2023 13:53	51302 WIND_T2	0	8	8	0	0.15	0.15	0	0	0	0	0	0	0	0
10/31/2023 13:54	43304 WATS_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/31/2023 13:55	59101 WALK_T2	1	1	0	0	0	0	2.29	2.23	0	0	0	0	0	0
10/31/2023 13:56	47401 PENS_T1	2	6	4	0.2	0.4	0.2	1	1.06	0	0	0	0	0	0
10/31/2023 13:56	51302 WIND_T2	0	8	8	0	0.15	0.15	0	0	0	0	0	0	0	0
10/31/2023 13:56	15001 BLMO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/31/2023 14:01	65001 NEFF_T2	1	1	0	0.1	0.3	0.2	-0.57	-0.75	1	1	0	1200	1200	0
10/31/2023 14:01	40902 JESH_T1	1	0	-1	1.5	0	-1.5	0.07	0.07	1	1	0	600	600	0
10/31/2023 14:02	64101 REFR_T1	7	3	-4	0.31	0.2	-0.11	-0.16	-0.15	0	0	0	0	0	0
10/31/2023 14:03	55003 NEWP_T2	10	13	3	0.44	0.44	0	-0.12	-0.14	0	0	0	0	0	0
10/31/2023 14:03	26401 INOR_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/31/2023 14:04	64101 REFR_T1	7	3	-4	0.31	0.2	-0.11	-0.16	-0.15	0	0	0	0	0	0
10/31/2023 14:04	42801 SELI_T1	1	1	0	0	0	0	0	0	0	0	0	0	0	0
10/31/2023 14:05	45402 WBLO_T2	57	43	-14	0.46	0.29	-0.17	-0.76	-0.75	0	0	0	0	0	0
10/31/2023 14:06	54001 SDLE_T1	10	10	0	0.92	1.15	0.23	0	0	0	0	0	0	0	0
10/31/2023 14:06	42802 SELI_T1	2	2	0	0.55	0.6	0.05	-1.14	-1.11	0	0	0	0	0	0
10/31/2023 14:06	64101 REFR_T1	7	3	-4	0.31	0.2	-0.11	-0.49	-0.46	0	0	0	0	0	0
10/31/2023 14:07	14801 TREI_T2	169	195	26	0.33	0.33	0	0.24	0.25	0	0	0	0	0	0
10/31/2023 14:07	64101 REFR_T1	7	3	-4	0.31	0.2	-0.11	-0.33	-0.31	0	0	0	0	0	0
10/31/2023 14:07	54001 SDLE_T1	10	10	0	0.92	1.15	0.23	0	0	0	0	0	0	0	0
10/31/2023 14:07	43001 ALWD_T1	1	2	1	0.1	0.3	0.2	0	0	0	0	0	0	0	0
10/31/2023 14:07	46001 BERW_T1	0	0	0	0	0	0	1.26	1.21	0	0	0	0	0	0
10/31/2023 14:08	13704 SCHN_T2	1	1	0	0.1	0.2	0.1	-0.36	-0.33	0	0	0	0	0	0
10/31/2023 14:08	44302 BEAV_T2	0	158	158	0	0.41	0.41	0	0	0	0	0	0	0	0
10/31/2023 14:08	66703 STRA_T1	1	0	-1	0.1	0	-0.1	-0.17	-0.16	0	0	0	0	0	0
10/31/2023 14:08	43301 WATS_T2	1	2	1	0.2	0.25	0.05	0	0	0	0	0	0	0	0
10/31/2023 14:08	52402 GRPA_T2	16	27	11	0.89	0.66	-0.23	0	0	0	0	0	0	0	0
10/31/2023 14:09	60803 BUCK_T1	20	13	-7	0.29	0.26	-0.03	0	0	0	0	0	0	0	0
10/31/2023 14:10	60803 BUCK_T1	20	13	-7	0.29	0.26	-0.03	-1	-1.01	1	1	0	600	600	0
10/31/2023 14:10	67201 TEHI_T1	0	1	1	0	0.1	0.1	0	0	0	0	0	0	0	0
10/31/2023 14:10	20401 ASHF_T2	95	69	-26	0.26	0.19	-0.07	0	0	0	0	0	0	0	0
10/31/2023 14:10	61803 EELI_T2	1	1	0	0.7	0.3	-0.4	0	0	0	0	0	0	0	0
10/31/2023 14:10	60904 DONG_T2	9	12	3	1.3	0.44	-0.86	0	0	0	0	0	0	0	0
10/31/2023 14:10	13701 SCHN_T2	7	1	-6	9.26	0.1	-9.16	0	0	0	0	0	0	0	0
10/31/2023 14:10	43301 WATS_T2	1	2	1	0.2	0.25	0.05	0	0	0	0	0	0	0	0
10/31/2023 14:11	60803 BUCK_T1	20	13	-7	0.29	0.26	-0.03	0	0	0	0	0	0	0	0
10/31/2023 14:11	43301 WATS_T2	1	2	1	0.2	0.25	0.05	0	0	0	0	0	0	0	0
10/31/2023 14:11	20401 ASHF_T2	95	69	-26	0.26	0.19	-0.07	0	0	0	0	0	0	0	0
10/31/2023 14:11	46001 BERW_T1	0	0	0	0	0	0	1.21	1.1	0	0	0	0	0	0
10/31/2023 14:11	15001 BLMO_T1	0	2	2	0	0.1	0.1	0	0	0	0	0	0	0	0
10/31/2023 14:12	60803 BUCK_T1	20	13	-7	0.29	0.26	-0.03	-1.01	-0.97	1	1	0	600	600	0
10/31/2023 14:12	61303 EARL_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/31/2023 14:12	43001 ALWD_T1	1	2	1	0.1	0.3	0.2	0	0	0	0	0	0	0	0
10/31/2023 14:14	40101 HUNT_T2	0	0	0	0	0	0	-0.06	-0.1	0	0	0	0	0	0
10/31/2023 14:15	46903 MNTG_T2	3	116	113	0.4	0.23	-0.17	0.12	0.08	1	1	0	600	600	0
10/31/2023 14:15	45702 LIND_T2	1	1	0	1.3	1.5	0.2	-0.53	-0.55	0	0	0	0	0	0
10/31/2023 14:15	61803 EELI_T2	1	0	-1	0.3	0	-0.3	0	0	0	0	0	0	0	0
10/31/2023 14:15	26401 INOR_T1	0	0	0	0	0	0	0.75	0.68	0	0	0	0	0	0
10/31/2023 14:15	40101 HUNT_T2	0	0	0	0	0	0	-0.06	-0.1	0	0	0	0	0	0
10/31/2023 14:15	53902 HALI_T2	2	0	-2	0.15	0	-0.15	0	0	0	0	0	0	0	0
10/31/2023 14:15	46903 MNTG_T2	3	116	113	0.4	0.23	-0.17	0.12	0.08	1	1	0	600	600	0
10/31/2023 14:16	64301 LINC_T1	0	0	0	0	0	0	0.58	0.59	0	0	0	0	0	0
10/31/2023 14:16	43202 MVIL_T2	47	8	-39	0.21	0.19	-0.02	-1.19	-1.24	0	0	0	0	0	0
10/31/2023 14:17	42001 MNVL_T2	0	0	0	0	0	0	-0.01	0	0	0	0	0	0	0
10/31/2023 14:17	52402 GRPA_T2	16	27	11	0.86	0.64	-0.22	0	0	0	0	0	0	0	0
10/31/2023 14:17	59302 MCAL_T1	0	0	0	0	0	0	0.2	0.1	1	1	0	600	600	0
10/31/2023 14:18	46602 LACR_T1	0	0	0	0	0	0	-0.58	-0.6	0	0	0	0	0	0
10/31/2023 14:18	53903 HALI_T2	8	5	-3	0.89	0.94	0.05	0	0	0	0	0	0	0	0
10/31/2023 14:19	52402 GRPA_T2	16	27	11	0.86	0.64	-0.22	0	0	0	0	0	0	0	0
10/31/2023 14:19	52403 GRPA_T2	16	17	1	0.4	0.44	0.04	0.06	0.09	0	0	0	0	0	0
10/31/2023 14:19	56504 ROCK_T2	1	1	0	0.4	0.1	-0.3	-0.35	-0.35	0	0	0	0	0	0
10/31/2023 14:20	66504 SMAN_T2	3	6	3	0.23	0.23	0	-0.32	-0.33	0	0	0	0	0	0
10/31/2023 14:20	42201 SHEN_T2	0	2	2	0	0.35	0.35	0.13	0.16	1	1	0	600	600	0
10/31/2023 14:20	43201 MVIL_T2	0	0	0	0	0	0	-0.29	-0.21	0	0	0	0	0	0
10/31/2023 14:20	65601 QVIL_T2	1	1	0	0.2	0.1	-0.1	0	0	0	0	0	0	0	0
10/31/2023 14:21	59101 WALK_T2	1	2	1	0	0.1	0.1	2.33	2.19	0	0	0	0	0	0
10/31/2023 14:21	43301 WATS_T2	2	2	0	0.25	0.15	-0.1	0	0	0	0	0	0	0	0
10/31/2023 14:21	52402 GRPA_T2	16	27	11	0.86	0.64	-0.22	0	0	0	0	0	0	0	0
10/31/2023 14:21	50701 SMEC_T1	6	7	1	0.75	0.74	-0.01	0.03	0.09	0	0	0	0	0	0
10/31/2023 14:21	54001 SDLE_T1	10	10	0	1.05	1.12	0.07	0	0	0	0	0	0	0	0
10/31/2023 14:22	43304 WATS_T2	0	0	0	0	0	0	-0.74	-0.73	0	0	0	0	0	0
10/31/2023 14:22	65601 QVIL_T2	1	1	0	0.2	0.1	-0.1	0	0	0	0	0	0	0	0
10/31/2023 14:22	14802 TREI_T2	63	89	26	0.25	0.24	-0.01	0	0	0	0	0	0	0	0
10/31/2023 14:22	66502 SMAN_T2	15	18	3	0.31	0.35	0.04	0	0	0	0	0	0	0	0
10/31/2023 14:22	57403 SPAN_T1	23	40	17	0.37	0.36	-0.01	0.05	0.03	0	0	0	0	0	0
10/31/2023 14:22	57401 SPAN_T1	15	25	10	0.28	0.26	-0.02	-0.36	-0.34	0	0	0	0	0	0
10/31/2023 14:22	66501 SMAN_T2	2	4	2	1.1	0.75	-0.35	0	0	0	0	0	0	0	0
10/31/2023 14:22	20403 ASHF_T2	60	87	27	0.18	0.28	0.1	0.38	0.31	0	0	0	0	0	0
10/31/2023 14:22	43301 WATS_T2	2	2	0	0.25	0.15	-0.1	-0.66	-0.67	1	1	0	900	900	0
10/31/2023 14:23	13901 SEID_T1	0	0	0	0	0	0	0.18	0.17	0	0	0	0	0	0
10/31/2023 14:23	43301 WATS_T2	2	2	0	0.25	0.15	-0.1	0	0	0	0	0	0	0	0
10/31/2023 14:23	46001 BERW_T1	0	0	0	0	0	0	1.21	1.1	0	0	0	0	0	0
10/31/2023 14:23	67402 WAKE_T2	3	2	-1	0.2	0.3	0.1	0	0	0	0	0	0	0	0
10/31/2023 14:23	43001 ALWD_T1	2	0	-2	0.3	0	-0.3	0	0	0	0	0	0	0	0
10/31/2023 14:23	57403 SPAN_T1	23	40	17	0.37	0.36	-0.01	0	0	0	0	0	0	0	0
10/31/2023 14:23	50701 SMEC_T1	6	7	1	0.75	0.74	-0.01	0.03	0.09	0	0	0	0	0	0
10/31/2023 14:23	54001 SDLE_T1	10	10	0	1.05	1.12	0.07	0	0	0	0	0	0	0

Appendix C - Grid Benefits Achieved in Each Instance of Active Management

10/31/2023 14:33	65604 QVIL_T2	0	0	0	0	0	0	0.28	0.3	0	0	0	0	0	0
10/31/2023 14:33	54701 NEBL_T1	4	2	-2	0.35	0.25	-0.1	0	0	1	1	0	600	600	0
10/31/2023 14:34	56501 ROCK_T2	8	7	-1	0.55	0.46	-0.09	-0.41	-0.44	0	0	0	0	0	0
10/31/2023 14:34	54701 NEBL_T1	4	2	-2	0.35	0.25	-0.1	0	0	1	1	0	600	600	0
10/31/2023 14:35	66503 SMAN_T2	7	0	-7	0.16	0	-0.16	0	0	0	0	0	0	0	0
10/31/2023 14:35	52402 GRPA_T2	27	23	-4	0.59	0.69	0.1	0	0	0	0	0	0	0	0
10/31/2023 14:35	52401 GRPA_T2	4	3	-1	0.45	0.37	-0.08	-0.56	-0.55	0	0	0	0	0	0
10/31/2023 14:35	65604 QVIL_T2	0	0	0	0	0	0	0.28	0.3	0	0	0	0	0	0
10/31/2023 14:35	56501 ROCK_T2	8	7	-1	0.55	0.46	-0.09	0	0	0	0	0	0	0	0
10/31/2023 14:35	64702 LITI_T2	0	0	0	0	0	0	-1.7	-1.64	0	0	0	0	0	0
10/31/2023 14:35	67204 TEHI_T2	0	0	0	0	0	0	-0.07	-0.11	0	0	0	0	0	0
10/31/2023 14:36	52401 GRPA_T2	4	3	-1	0.45	0.37	-0.08	0	0	0	0	0	0	0	0
10/31/2023 14:36	66504 SMAN_T2	6	3	-3	0.23	0.27	0.04	-0.33	-0.38	0	0	0	0	0	0
10/31/2023 14:36	67605 WARW_T1	43	23	-20	0.5	0.51	0.01	-1.11	-1.12	0	0	0	0	0	0
10/31/2023 14:36	67201 TEHI_T1	1	0	-1	0.1	0	-0.1	0	0	0	0	0	0	0	0
10/31/2023 14:36	65902 SAKR_T2	1	1	0	0.4	0	-0.4	0	0	2	2	0	1200	1200	0
10/31/2023 14:36	42901 MIDD_T2	4	30	26	0.53	0.18	-0.35	0	0	0	0	0	0	0	0
10/31/2023 14:36	59102 WALK_T2	5	6	1	0.42	0.47	0.05	0	0	0	0	0	0	0	0
10/31/2023 14:36	50701 SMEC_T1	7	2	-5	0.74	1.1	0.36	0.09	0.03	0	0	0	0	0	0
10/31/2023 14:36	57403 SPAN_T1	39	19	-20	0.36	0.31	-0.05	0.03	0.01	0	0	0	0	0	0
10/31/2023 14:36	67204 TEHI_T2	0	0	0	0	0	0	-0.07	-0.11	0	0	0	0	0	0
10/31/2023 14:37	45402 WILO_T2	32	38	6	0.19	0.24	0.05	-0.79	-0.8	0	0	0	0	0	0
10/31/2023 14:37	59102 WALK_T2	5	6	1	0.42	0.47	0.05	0	0	0	0	0	0	0	0
10/31/2023 14:37	57401 SPAN_T1	24	7	-17	0.27	0.29	0.02	-0.34	-1.01	0	0	0	0	0	0
10/31/2023 14:37	67505 WEWI_T1	2	1	-1	0.2	0.1	-0.1	0	0	0	0	0	0	0	0
10/31/2023 14:37	15001 BLMO_T1	2	2	0	0.1	0.45	0.35	0	0	0	0	0	0	0	0
10/31/2023 14:37	57403 SPAN_T1	39	19	-20	0.36	0.31	-0.05	0.03	0.01	0	0	0	0	0	0
10/31/2023 14:37	46001 BERW_T1	0	0	0	0	0	0	1.1	0.97	0	0	0	0	0	0
10/31/2023 14:37	14802 TREI_T2	59	91	32	0.26	0.24	-0.02	0.24	0.23	0	0	0	0	0	0
10/31/2023 14:38	66504 SMAN_T2	6	3	-3	0.23	0.27	0.04	-0.33	-0.38	0	0	0	0	0	0
10/31/2023 14:38	66501 SMAN_T2	4	2	-2	0.75	1.25	0.5	0	0	0	0	0	0	0	0
10/31/2023 14:38	29402 BELT_T1	2	2	0	4.3	4.3	0	0	0	0	0	0	0	0	0
10/31/2023 14:38	57403 SPAN_T1	39	19	-20	0.36	0.31	-0.05	0	0	0	0	0	0	0	0
10/31/2023 14:38	20402 ASHF_T2	0	9	9	0	0.16	0.16	0	0	0	0	0	0	0	0
10/31/2023 14:38	14801 TREI_T2	172	207	35	0.33	0.34	0.01	0.25	0.22	0	0	0	0	0	0
10/31/2023 14:38	46001 BERW_T1	0	0	0	0	0	0	1.1	0.97	0	0	0	0	0	0
10/31/2023 14:38	64802 MONE_T2	49	8	-41	0.26	0.23	-0.03	-0.01	-0.01	0	0	0	0	0	0
10/31/2023 14:38	43001 ALWD_T1	0	2	2	0	0.1	0.1	0	0	0	0	0	0	0	0
10/31/2023 14:38	50701 SMEC_T1	7	2	-5	0.74	1.1	0.36	0.09	0.03	0	0	0	0	0	0
10/31/2023 14:39	43001 ALWD_T1	0	2	2	0	0.1	0.1	0	0	0	0	0	0	0	0
10/31/2023 14:39	13701 SCHN_T2	1	1	0	0.1	0	-0.1	0	0	0	0	0	0	0	0
10/31/2023 14:39	14802 TREI_T2	59	91	32	0.26	0.24	-0.02	0.24	0.23	0	0	0	0	0	0
10/31/2023 14:39	13901 SEID_T1	0	0	0	0	0	0	0.17	0.19	0	0	0	0	0	0
10/31/2023 14:39	67503 WEWI_T2	0	0	0	0	0	0	-0.52	-0.59	0	0	0	0	0	0
10/31/2023 14:39	57403 SPAN_T1	39	19	-20	0.36	0.31	-0.05	0	0	0	0	0	0	0	0
10/31/2023 14:39	67401 WAKE_T2	153	98	-55	0.21	0.21	0	-1.19	-1.15	0	0	0	0	0	0
10/31/2023 14:39	66703 STRA_T1	0	0	0	0	0	0	-0.2	-0.14	0	0	0	0	0	0
10/31/2023 14:40	65902 SAKR_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/31/2023 14:40	14403 SSLA_T1	10	16	6	0.18	0.24	0.06	0	0	0	0	0	0	0	0
10/31/2023 14:40	15001 BLMO_T1	2	2	0	0.1	0.45	0.35	0	0	0	0	0	0	0	0
10/31/2023 14:40	61801 EELI_T2	4	3	-1	0.88	0.97	0.09	-0.3	-0.3	0	0	0	0	0	0
10/31/2023 14:40	57401 SPAN_T1	24	7	-17	0.27	0.29	0.02	-0.34	-1.01	0	1	1	0	600	600
10/31/2023 14:40	60101 COCA_T1	6	3	-3	0.45	0.53	0.08	0.29	0.24	0	0	0	0	0	0
10/31/2023 14:41	20403 ASHF_T2	72	217	145	0.21	0.45	0.24	0.2	-0.04	0	0	0	0	0	0
10/31/2023 14:41	67503 WEWI_T2	0	0	0	0	0	0	-0.59	-0.56	0	0	0	0	0	0
10/31/2023 14:41	15001 BLMO_T1	2	2	0	0.1	0.45	0.35	0	0	0	0	0	0	0	0
10/31/2023 14:41	47402 PENS_T1	1	2	1	0.1	0.15	0.05	0	0	0	0	0	0	0	0
10/31/2023 14:41	60902 DONG_T2	6	3	-3	0.35	0.37	0.02	0.52	0.56	0	0	0	0	0	0
10/31/2023 14:41	67501 WEWI_T1	2	1	-1	0.45	0.5	0.05	-0.57	-0.56	0	0	0	0	0	0
10/31/2023 14:41	64802 MONE_T2	49	8	-41	0.26	0.23	-0.03	-0.01	-0.01	0	0	0	0	0	0
10/31/2023 14:41	14402 SSLA_T1	167	259	92	0.19	0.24	0.05	0	0	0	0	0	0	0	0
10/31/2023 14:41	13701 SCHN_T2	1	1	0	0.1	0	-0.1	0	0	0	0	0	0	0	0
10/31/2023 14:42	13701 SCHN_T2	1	1	0	0.1	0	-0.1	0	0	0	0	0	0	0	0
10/31/2023 14:42	60903 DONG_T2	2	1	-1	0.7	0.8	0.1	0	0	0	0	0	0	0	0
10/31/2023 14:42	14401 SSLA_T1	7	21	14	0.2	0.21	0.01	-0.55	-0.55	0	0	0	0	0	0
10/31/2023 14:42	15001 BLMO_T1	2	2	0	0.1	0.45	0.35	0	0	0	0	0	0	0	0
10/31/2023 14:43	60101 COCA_T1	6	3	-3	0.45	0.53	0.08	0.24	0.24	0	0	0	0	0	0
10/31/2023 14:43	15001 BLMO_T1	2	2	0	0.1	0.45	0.35	0	0	0	0	0	0	0	0
10/31/2023 14:44	46602 LACR_T1	0	0	0	0	0	0	-0.6	-1.16	0	0	0	0	0	0
10/31/2023 14:45	26401 INOR_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/31/2023 14:46	42903 MIDD_T2	2	2	0	2	1.95	-0.05	0	0	0	0	0	0	0	0
10/31/2023 14:46	63802 HEMP_T1	24	16	-8	0.2	0.19	-0.01	-0.53	-0.48	0	0	0	0	0	0
10/31/2023 14:46	46901 MNTG_T2	1	1	0	0.1	0.2	0.1	1.42	1.28	0	0	0	0	0	0
10/31/2023 14:46	46903 MNTG_T2	115	38	-77	0.23	0.15	-0.08	0.08	0.07	1	1	0	600	600	0
10/31/2023 14:47	43201 MVIL_T2	0	0	0	0	0	0	-0.2	-0.3	0	0	0	0	0	0
10/31/2023 14:47	45702 LIND_T2	1	1	0	1.5	1.9	0.4	-0.55	-0.53	0	0	0	0	0	0
10/31/2023 14:47	43301 WATS_T2	1	2	1	0.1	0.35	0.25	0	0	0	0	0	0	0	0
10/31/2023 14:48	59302 MCAL_T1	0	0	0	0	0	0	0.1	0.13	1	1	0	600	600	0
10/31/2023 14:48	42001 MNVL_T2	0	0	0	0	0	0	0.02	0	0	0	0	0	0	0
10/31/2023 14:48	43202 MVIL_T2	8	61	53	0.19	0.33	0.14	-1.19	-1.23	0	0	0	0	0	0
10/31/2023 14:48	42901 MIDD_T2	30	30	0	0.17	0.2	0.03	0	0	0	0	0	0	0	0
10/31/2023 14:49	52402 GRPA_T2	16	22	6	0.84	0.7	-0.14	0	0	0	0	0	0	0	0
10/31/2023 14:49	65003 NEFF_T2	7	7	0	0.33	0.3	-0.03	0	0	0	0	0	0	0	0
10/31/2023 14:49	54701 NEBL_T1	2	2	0	0.1	0.25	0.15	0	0	1	1	0	600	600	0
10/31/2023 14:50	52402 GRPA_T2	16	22	6	0.84	0.7	-0.14	0	0	0	0	0	0	0	0
10/31/2023 14:50	26401 INOR_T1	0	0	0	0	0	0	0.81	0.77	0	0	0	0	0	0
10/31/2023 14:51	52402 GRPA_T2	16	22	6	0.84	0.7	-0.14	0	0	0	0	0	0	0	0
10/31/2023 14:51	52403 GRPA_T2	10	9	-1	0.22	0.27	0.05	0.01	0.03	0	0	0	0	0	0
10/31/2023 14:51	42201 SHEN_T2	2	2	0	0.35	0.5	0.15	0.34	0.26	2	2	0	1200	1200	0
10/31/2023 14:52	45601 WOOL_T1	0	0	0	0	0	0	0.24	0.81	1	1	0	1200	1200	0
10/31/2023 14:52	52403 GRPA_T2	10	9	-1	0.22	0.27	0.05	0.01	0.03	0	0	0	0	0	0
10/31/2023 14:52	66501 SMAN_T2	2	2	0	1.25	1.05	-0.2	0	0	0	0	0	0	0	0
10/31/2023 14:52	50701 SMEC_T1	2	2	0	1.1	0.6	-0.5	0.03	-0.01	0	0	0	0	0	0
10/31/2023 14:52	64101 REFR_T1	1	0	-1	0.1	0	-0.1	-0.15	-0.16	0	0	0	0	0	0
10/31/2023 14:52	43301 WATS_T2	1	2	1	0.1	0.35	0.25	0	0	0	0	0	0	0	0
10/31/2023 14:53	43301 WATS_T2	1	2	1	0.1	0.35	0.25	-0.68	-0.68	1	0	-1	900	0	-900
10/31/2023 14:53	20402 ASHF_T2	1	10	9	0.2	0.15	-0.05	0	0	0	0	0	0	0	0
10/31/2023 14:53	43304 WATS_T2	0	0	0	0	0	0	-0.78	-0.78	0	0	0	0	0	0
10/31/2023 14:54	60801 BUCK_T1	2	0	-2	0.2	0	-0.2	0	0	0	0	0	0	0	0
10/31/2023 14:54	50701 SMEC_T1	2	2	0	1.1	0.6	-0.5	0.03	-0.01	0	0	0	0	0	0
10/31/2023 14:54	43301 WATS_T2	1	2	1	0.1	0.35	0.25	0	0	0	0	0	0	0	0
10/31/2023 14:55	60801 BUCK_T1	2	0	-2	0.2	0	-0.2	0	0	0	0	0	0	0	0
10/31/2023 14:55	43304 WATS_T2	0	0	0	0	0	0	-0.78	-0.78	0	0	0	0	0	0
10/31/2023 14:56	43301 WATS_T2	1	2	1	0.1	0.35	0.25	0	0	0	0	0	0	0	0
10/31/2023 14:56	60803 BUCK_T1	4	10	6	0.1	0.14	0.04	0	0	0	0	0	0	0	0
10/31/2023 14:57	40101 HUNT_T2	0	0	0	0	0	0	-0.18	-0.12	0	0	0	0	0	0
10/31/2023 14:57	56504 ROCK_T2	1	1	0	0.1	0	-0.1	-0.37	-0.36	0	0	0	0	0	0
10/31/2023 14:57	46803 HEPB_T2	0	2	2	0	0.2	0.2	0	0	0	0	0	0	0	0
10/31/2023 14:59	40902 JESH_T1	0	0	0	0	0	0	-0.01	-0.06	1	1	0	600	600	0
10/31/2023 15:00	53901 HALI_T2	1	1	0	0.2	0.2	0	0	0	0	0	0	0	0	0
10/31/2023 15:01	40101 HUNT_T2	0	0	0	0	0	0	-0.18	-0.12	0	0	0	0	0	0
10/31/2023 15:02	40101 HUNT_T2	0	0	0	0	0	0	-0.18	-0.12	0	0	0	0	0	0
10/31/2023 15:04	58401 MORO_T1	5	3	-2	0.34	0.27	-0.07	0	0	0	0	0	0	0	0
10/31/2023 15:04	46301 ROHR_T1	2	1	-1	0.5	0.1	-0.4	0.22	0.2	0	0	0	0	0	0
10/31/2023 15:08	53901 HALI_T2	1	1	0	0.2	0.2	0	0	0	0	0	0	0	0	0
10/31/2023 15:08	65901 SAKR_T2	1	1	0	9.3	9.3	0	0	0	0	0	0	0	0	0
10/31/2023 15:08	64101 REFR_T1	0	1	1	0	0.7	0.7	-0.16	-0.18	0	0	0	0	0	0
10/31/2023 15:09	58401 MORO_T1	5	3	-2	0.34	0.27	-0.07	0	0	0	0	0	0	0	0
10/31/2023 15:14	61303 EARL_T1	0	0	0	0	0	0	0.91	0.76	0	0	0	0	0	0
10/31/2023 15:15	12701 MACU_T1	0	0	0	0	0	0	0.07	0.02	0	0	0	0	0	0
10/31/2023 15:18	12701 MACU_T1	0	0	0	0	0	0	0.07	0.02	0	0	0	0	0	0
10/31/2023 15:21	66701 STRA_T1	0	1	1	0	0.1	0.1	0	0	0	0	0	0	0	0
10/31/2023 15:22	14802 TREI_T2	34	56	22	0.2	0.2	0	0	0	0	0	0	0	0	0
10/31/2023 15:24	57403 SPAN_T1	7	4	-3	0.29	0.38	0.09	0	0	0	0	0	0	0	0
10/31/2023 15:28	40101 HUNT_T2	0	0	0	0	0	0	-0.29	-0.31	0	0	0	0	0	0
10/31/2023 15:28	46801 HEPB_T2	14	8	-6	0.27	0.4	0.13	0.57	0.53	0	0	0	0	0	0
10/31/2023 15:33	58401 MORO_T1	2	1	-1	0.15	0.3	0.15	0	0	0	0	0	0	0	0
10/31/2023 15:34	64101 REFR_T1	1	0	-1	0.7	0	-0.7	-0.16	-0.17	0	0	0	0	0	0
10/31/2023 15:35	45003 LIME_2	2	2	0	2.4	2.45	0.05	0	0	1	1	0	1200	1200	0
10/31/2023 15:39	47402 PENS_T1	1	0	-1	0.3	0	-0.3	0	0	0	0	0	0	0	0
10/31/2023 15:40	47401 PENS_T1	13	11	-2	0.27	0.2	-0.07	1.07	0.95	0	0	0	0	0	0
10/31/2023 15:41	59101 WALK_T2	1	1	0	0	0	0	2.09	2.17	0	0	0	0	0	0
10/31/2023 15:42	47401 PENS_T1	13	11	-2	0.27	0.2	-0.07	0.95	0.85	0	0	0	0	0	0
10/31/2023 15:46	65402 MARI_T1	1	0	-1	0.1	0	-0.1	-0.26	-0.32	0	0	0	0	0	0
10/31/2023 15:49	46302 ROHR_T1	5	5	0	1.72	1.76	0.04	0	0	0	0	0	0	0	0
10/31/2023 15:55	59101 WALK_T2	1	1	0	0	0	0	2.09	2.17	0	0	0	0	0	0
10/31/2023 16:10	59102 WALK_T2	1	2	1	0.1	0.4	0.3	0	0	0	0	0	0	0	0
10/31/2023 16:15	40101 HUNT_T2	0	0	0	0	0	0	-0.4	-0.45	0	0	0	0	0	0
10/31/2023 16:19	55002 NEWP_T1	6	6	0	1.12	1.17	0.05	-0.28	-0.28	0	0	0	0	0	0
10/31/2023 16:20	45003 LIME_2	2	2	0	2.55	2.45	-0.1	0	0	1	1	0	1200	1200	0
10/31/2023 16:21	59202 THOM_T1	4	0	-4	0.15	0	-0.15	0	0	0	0	0	0	0	0
10/31/2023 16:21	45003 LIME_2	3	1	-2	0.27	0.1	-0.17	0	0	0	0	0	0	0	0
10/31/2023 16:25	59101 WALK_T2	1	1	0	0	0	0	1.71	1.8	0	0	0	0	0	0
10/31/2023 16:34	55002 NEWP_T1	6	6	0	0.98	0.98	0	-0.28	-0.25	0	0	0	0	0	0
10/31/2023 16:38	42201 SHEN_T2	0	0	0	0	0	0	0.13	0.14	1	1	0	600	600	0
10/31/2023 16:49	55002 NEWP_T1	6	6	0	0.97	0.82	-0.15	-0.25	-0.25	0	0	0	0	0	0
10/31/2023 17:10	59101 WALK_T2	1	1	0	0	0	0	1.38	1.29	0	0	0	0	0	0
10/31/2023 17:39	43402 BENT_T1	0	0	0	0	0	0	-0.97	-0.97	1	1	0	900	900	0
10/31/2023 18:39	56803 BENV_T1	0	2	2	0	0.1	0.1	0	0	0	0	0	0	0	0
10/31/2023 18:41	56802 BENV_T2	1	1	0	0.7	0.9	0.2	-0.62	-0.71	0	0	0	0	0	0
10/31/2023 18:55	26401 INOR_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/31/2023 18:57	13302 ORVI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/31/2023 18:57	12205 FOGE_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/31/2023 18:58	20401 ASHF_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/31/2023 19:01	23301 JEFF_T1	0	1	1	0	0	0	0	0	0	0	0	0	0	0
10/31/2023 19:02	46301 ROHR_T1	0	51	51	0	0.17	0.17	0	0	0	0	0	0	0	0
10/31/2023 19:05	21606 EYNO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/31/2023 19:05	42503 ALTA_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/31/2023 19:06	46201 DANV_T2	0	1	1	0	0.1	0.1	0	0	0	0	0	0	0	0
10/31/2023 19:06	67502 WEWI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/31/2023 19:09	42901 MIDD_T2	0	1	1	0	0.1	0.1	0	0	0	0	0	0	0	0
10/31/2023 19:09	43302 WATS_T2	2	4	2	0.1	0.38	0.28	0	0	0	0	0	0	0	0
10/31/2023 19:09	40602 PIGR_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/31/2023 19:10	46004 BERW_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/31/2023 19:10	60201 ATGL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/31/2023 19:13	42902 MIDD_T2	0	2	2	0	0.15	0.15	0	0	0	0	0	0	0	0
10/31/2023 19:13	64101 REFR_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/31/2023 19:14	42903 MIDD_T2	2	2	0	1.6	2	0.4	0	0	0	0	0	0	0	0
10/31/2023 19:14	47401 PENS_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/31/2023 19:15	46203 DANV_T2	3	5	2	0.17	0.22	0.05	0	0	0	0	0	0	0	0
10/31/2023 19:15	66502 SMAN_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/31/2023 19:16	61303 EARL_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/31/2023 19:16	46301 ROHR_T1	32	78	46	0.13	0.22	0.09	0	0	0	0	0	0	0	0
10/31/2023 19:16	45402 WILO_T2	47	65	18	0.37	0.37	0	0	0	0	0	0	0	0	0
10/31/2023 19:16	67401 WAKE_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/31/2023 19:18	65902 SAKR_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/31/2023 19:19	40602 PIGR_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/31/2023 19:50	26401 INOR_T1	0	0	0	0	0	0	0.26	0.24	0	0	0	0	0	0
10/31/2023 19:53	29402

Appendix C - Grid Benefits Achieved in Each Instance of Active Management

10/31/2023 20:06	15001 BLMO_T1	0	1	1	0	0	0	0	0	0	0	0	0	0	0
10/31/2023 20:06	67503 WEWI_T2	0	0	0	0	0	0	-0.44	-0.41	0	0	0	0	0	0
10/31/2023 20:06	67502 WEWI_T2	0	0	0	0	0	0	-0.5	-0.43	0	0	0	0	0	0
10/31/2023 20:06	67204 TEHI_T2	0	0	0	0	0	0	0.07	0.07	0	0	0	0	0	0
10/31/2023 20:06	60803 BUCK_T1	10	13	3	0.27	0.32	0.05	0	0	0	0	0	0	0	0
10/31/2023 20:06	67001 STHI_T2	1	2	1	0.2	0.25	0.05	0	0	0	0	0	0	0	0
10/31/2023 20:06	56803 BENV_T1	0	2	2	0	0.1	0.1	0	0	0	0	0	0	0	0
10/31/2023 20:06	44601 SALE_T2	1	1	0	0.6	0.4	-0.2	-0.08	-0.01	0	0	0	0	0	0
10/31/2023 20:06	45501 DERR_T2	0	0	0	0	0	0	0.85	0.93	2	2	0	1800	1800	0
10/31/2023 20:06	47802 MOCA_T2	0	0	0	0	0	0	0.24	0.26	0	0	0	0	0	0
10/31/2023 20:07	62607 ENGL_T1	1	1	0	1.4	1.2	-0.2	0	0	0	0	0	0	0	0
10/31/2023 20:07	41802 GOCI_T2	0	5	5	0	0.1	0.1	0	0	0	0	0	0	0	0
10/31/2023 20:07	67001 STHI_T2	1	2	1	0.2	0.25	0.05	0	0	0	0	0	0	0	0
10/31/2023 20:07	14404 SSLA_T1	1	1	0	0.2	0.1	-0.1	0	0	0	0	0	0	0	0
10/31/2023 20:07	49803 UNIV_T1	0	0	0	0	0	0	-1.16	-1.18	0	0	0	0	0	0
10/31/2023 20:07	46301 ROHR_T1	62	83	21	0.21	0.2	-0.01	0.22	0.24	0	0	0	0	0	0
10/31/2023 20:07	45601 WOOL_T1	0	0	0	0	0	0	1.09	-0.29	0	1	1	0	1200	1200
10/31/2023 20:07	59202 THOM_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/31/2023 20:07	47403 PENS_T1	1	1	0	2.4	2.3	-0.1	0	0	0	0	0	0	0	0
10/31/2023 20:07	29402 BELT_T1	46	48	2	0.44	0.41	-0.03	0	0	0	0	0	0	0	0
10/31/2023 20:07	28601 BLYT_T2	0	1	1	0	1.3	1.3	0	0	0	0	0	0	0	0
10/31/2023 20:07	67502 WEWI_T2	0	0	0	0	0	0	-0.5	-0.43	0	0	0	0	0	0
10/31/2023 20:07	44802 EDAN_T2	0	0	0	0	0	0	-0.96	-0.94	0	0	0	0	0	0
10/31/2023 20:07	61801 EELI_T2	2	2	0	1.45	1.55	0.1	-1.04	-1.07	1	1	0	600	600	0
10/31/2023 20:07	67204 TEHI_T2	0	0	0	0	0	0	0.07	0.07	0	0	0	0	0	0
10/31/2023 20:07	56803 BENV_T1	0	2	2	0	0.1	0.1	0	0	0	0	0	0	0	0
10/31/2023 20:08	43302 WATS_T2	2	3	1	0.1	0.13	0.03	0	0	0	0	0	0	0	0
10/31/2023 20:08	64702 LITI_T2	0	0	0	0	0	0	-0.73	-0.75	0	0	0	0	0	0
10/31/2023 20:08	57403 SPAN_T1	0	0	0	0	0	0	0.04	0.04	0	0	0	0	0	0
10/31/2023 20:08	66505 SMAN_T2	0	3	3	0	1.3	1.3	-0.18	-0.51	2	2	0	1100	1100	0
10/31/2023 20:08	46701 RENO_T1	4	0	-4	0.1	0	-0.1	0	0	0	0	0	0	0	0
10/31/2023 20:08	57403 SPAN_T1	0	0	0	0	0	0	0.04	0.04	0	0	0	0	0	0
10/31/2023 20:08	42201 SHEN_T2	0	0	0	0	0	0	0.05	0.13	1	1	0	600	600	0
10/31/2023 20:08	14801 TREI_T2	0	0	0	0	0	0	0.33	0.39	0	0	0	0	0	0
10/31/2023 20:08	43202 MVIL_T2	67	87	20	0.42	0.37	-0.05	-0.66	-0.67	0	0	0	0	0	0
10/31/2023 20:08	15001 BLMO_T1	0	1	1	0	0	0	0	0	0	0	0	0	0	0
10/31/2023 20:08	45501 DERR_T2	0	0	0	0	0	0	0.85	0.93	2	2	0	1800	1800	0
10/31/2023 20:08	43304 WATS_T2	0	0	0	0	0	0	-0.2	-0.2	0	0	0	0	0	0
10/31/2023 20:08	14802 TREI_T2	3	3	0	1.37	0	-1.37	0.36	0.36	0	0	0	0	0	0
10/31/2023 20:08	61303 EARL_T1	0	0	0	0	0	0	0.25	0.23	0	0	0	0	0	0
10/31/2023 20:08	62604 ENGL_T1	0	0	0	0	0	0	-1.18	-1.14	0	0	0	0	0	0
10/31/2023 20:08	15103 UPHA_T2	0	0	0	0	0	0	0.36	0.35	0	0	0	0	0	0
10/31/2023 20:09	14404 SSLA_T1	1	1	0	0.2	0.1	-0.1	0	0	0	0	0	0	0	0
10/31/2023 20:09	66504 SMAN_T2	0	0	0	0	0	0	-0.48	-0.45	0	0	0	0	0	0
10/31/2023 20:09	65003 NEFF_T2	0	4	4	0	0.13	0.13	0	0	0	0	0	0	0	0
10/31/2023 20:09	16301 ALPA_T1	1	2	1	0.4	0.3	-0.1	-0.47	-0.42	0	0	0	0	0	0
10/31/2023 20:09	56802 BENV_T2	1	1	0	0.4	0.4	0	-0.69	-0.63	0	0	0	0	0	0
10/31/2023 20:09	67502 WEWI_T2	0	0	0	0	0	0	-0.5	-0.43	0	0	0	0	0	0
10/31/2023 20:09	59302 MCAL_T1	1	1	0	0.8	0.7	-0.1	-0.29	-0.3	1	1	0	600	600	0
10/31/2023 20:09	46602 LACR_T1	0	0	0	0	0	0	-0.58	-0.6	0	0	0	0	0	0
10/31/2023 20:09	40201 BEGA_T2	1	1	0	0	0	0	0	0	0	0	0	0	0	0
10/31/2023 20:09	46001 BERW_T1	0	0	0	0	0	0	0.85	0.85	0	0	0	0	0	0
10/31/2023 20:10	66505 SMAN_T2	0	3	3	0	1.3	1.3	0	0	0	0	0	0	0	0
10/31/2023 20:10	28403 HART_T2	0	0	0	0	0	0	-0.58	-0.59	1	1	0	900	900	0
10/31/2023 20:10	43302 WATS_T2	2	3	1	0.1	0.13	0.03	0	0	0	0	0	0	0	0
10/31/2023 20:10	47403 PENS_T1	1	1	0	2.4	2.3	-0.1	0	0	0	0	0	0	0	0
10/31/2023 20:10	67401 WAKE_T2	101	157	56	0.22	0.29	0.07	-1.18	-1.2	0	0	0	0	0	0
10/31/2023 20:10	57401 SPAN_T1	0	2	2	0	0.25	0.25	-1.9	-1.9	2	2	0	1200	1200	0
10/31/2023 20:10	64101 REFR_T1	0	0	0	0	0	0	-0.37	-0.39	0	0	0	0	0	0
10/31/2023 20:10	46801 HEPB_T2	1	1	0	0.2	0.1	-0.1	0.57	0.59	0	0	0	0	0	0
10/31/2023 20:10	53903 HALI_T2	2	2	0	0.9	0.7	-0.2	-0.17	-0.18	0	0	0	0	0	0
10/31/2023 20:10	67503 WEWI_T2	0	0	0	0	0	0	-0.44	-0.41	0	0	0	0	0	0
10/31/2023 20:10	52402 GRPA_T2	4	4	0	1.28	1.33	0.05	0	0	0	0	0	0	0	0
10/31/2023 20:10	52002 LING_T2	0	1	1	0	0.4	0.4	0	0	0	0	0	0	0	0
10/31/2023 20:10	13704 SCHN_T2	0	0	0	0	0	0	-0.36	-0.36	0	0	0	0	0	0
10/31/2023 20:10	52502 PROG_T2	0	0	0	0	0	0	-0.64	-0.66	1	1	0	900	900	0
10/31/2023 20:10	60801 BUCK_T1	26	36	10	0.2	0.27	0.07	0	0	0	0	0	0	0	0
10/31/2023 20:10	14401 SSLA_T1	0	0	0	0	0	0	-0.56	-0.56	0	0	0	0	0	0
10/31/2023 20:11	45003 LIME_2	2	3	1	1.6	1.35	-0.25	0	0	1	1	0	1200	1200	0
10/31/2023 20:11	56803 BENV_T2	0	2	2	0	0.1	0.1	0	0	0	0	0	0	0	0
10/31/2023 20:11	42802 SELI_T1	0	0	0	0	0	0	-1.3	-1.33	0	0	0	0	0	0
10/31/2023 20:11	16302 ALPA_T2	0	0	0	0	0	0	0.61	0.6	0	0	0	0	0	0
10/31/2023 20:11	62607 ENGL_T1	1	1	0	1.4	1.2	-0.2	0	0	0	0	0	0	0	0
10/31/2023 20:11	67605 WARW_T1	0	0	0	0	0	0	-1.1	-1.12	0	0	0	0	0	0
10/31/2023 20:11	43402 BENT_T1	0	3	3	0	0.23	0.23	-0.96	-0.97	1	1	0	900	900	0
10/31/2023 20:11	61202 REIN_T1	53	60	7	0.44	0.64	0.2	0	0	0	0	0	0	0	0
10/31/2023 20:11	42201 SHEN_T2	0	0	0	0	0	0	0.13	0.08	1	1	0	600	600	0
10/31/2023 20:11	42901 MIDD_T2	13	1	-12	0.12	0.1	-0.02	0	0	0	0	0	0	0	0
10/31/2023 20:11	12701 MACU_T1	0	0	0	0	0	0	0.07	0.06	0	0	0	0	0	0
10/31/2023 20:12	53501 EVIL_T2	0	0	0	0	0	0	-0.66	-0.66	1	1	0	600	600	0
10/31/2023 20:12	60902 DONG_T2	0	0	0	0	0	0	0.5	0.48	0	0	0	0	0	0
10/31/2023 20:12	40101 HUNT_T2	4	10	6	0.43	0.41	-0.02	-0.44	-0.42	0	0	0	0	0	0
10/31/2023 20:12	13704 SCHN_T2	0	0	0	0	0	0	-0.36	-0.35	0	0	0	0	0	0
10/31/2023 20:12	67501 WEWI_T1	0	0	0	0	0	0	-0.72	-0.65	0	0	0	0	0	0
10/31/2023 20:12	56801 BENV_T1	23	30	7	0.36	0.43	0.07	-0.77	-0.77	1	1	0	600	600	0
10/31/2023 20:12	46903 MNTG_T2	0	0	0	0	0	0	0.33	0.3	0	0	0	0	0	0
10/31/2023 20:12	43302 WATS_T2	2	3	1	0.1	0.13	0.03	0	0	0	0	0	0	0	0
10/31/2023 20:12	47401 PENS_T1	0	0	0	0	0	0	0.75	0.69	0	0	0	0	0	0
10/31/2023 20:12	40201 BEGA_T2	1	1	0	0	0	0	0	0	0	0	0	0	0	0
10/31/2023 20:12	13105 NHAM_T2	0	0	0	0	0	0	-0.23	-0.27	1	1	0	1200	1200	0
10/31/2023 20:12	45702 LIND_T2	1	1	0	1.2	1.1	-0.1	-0.6	-0.61	0	0	0	0	0	0
10/31/2023 20:12	57401 SPAN_T1	0	2	2	0	0.25	0.25	-0.95	-0.89	1	1	0	600	600	0
10/31/2023 20:12	46203 DANV_T2	2	3	1	0.1	0.17	0.07	-0.06	-0.04	0	0	0	0	0	0
10/31/2023 20:12	56503 ROCK_T2	1	1	0	0.4	0	-0.4	0	0	0	0	0	0	0	0
10/31/2023 20:12	45001 LIME_2	0	1	1	0	0	0	0	0	0	0	0	0	0	0
10/31/2023 20:12	61801 EELI_T2	2	2	0	1.45	1.55	0.1	-1.07	-1.08	1	1	0	600	600	0
10/31/2023 20:12	67203 TEHI_T1	0	0	0	0	0	0	2.35	2.39	1	1	0	600	600	0
10/31/2023 20:12	45501 DERR_T2	0	0	0	0	0	0	0.93	0.98	2	2	0	1800	1800	0
10/31/2023 20:12	14404 SSLA_T1	1	1	0	0.2	0.1	-0.1	0	0	0	0	0	0	0	0
10/31/2023 20:12	55002 NEWP_T1	5	5	0	0.84	1.06	0.22	-0.23	-0.24	0	0	0	0	0	0
10/31/2023 20:12	56802 BENV_T2	1	1	0	0.4	0.4	0	-0.63	-0.67	0	0	0	0	0	0
10/31/2023 20:13	58402 MORO_T1	1	0	-1	1	0	-1	-1.16	-1.17	2	2	0	1500	1500	0
10/31/2023 20:13	42903 MIDD_T2	2	2	0	1.85	1.8	-0.05	0	0	0	0	0	0	0	0
10/31/2023 20:13	45402 WBLO_T2	55	39	-16	0.37	0.33	-0.04	-0.75	-0.72	0	0	0	0	0	0
10/31/2023 20:13	43202 MVIL_T2	67	87	20	0.42	0.37	-0.05	-0.67	-0.69	0	0	0	0	0	0
10/31/2023 20:13	43302 WATS_T2	2	3	1	0.1	0.13	0.03	0	0	0	0	0	0	0	0
10/31/2023 20:13	60803 BUCK_T1	10	13	3	0.27	0.32	0.05	0	0	0	0	0	0	0	0
10/31/2023 20:13	67501 WEWI_T1	0	0	0	0	0	0	-0.72	-0.65	0	0	0	0	0	0
10/31/2023 20:13	60502 NMAN_T2	0	0	0	0	0	0	-0.33	-0.37	0	0	0	0	0	0
10/31/2023 20:13	53501 EVIL_T2	0	0	0	0	0	0	-0.66	-0.66	1	1	0	600	600	0
10/31/2023 20:13	59101 WALK_T2	1	1	0	0	0	0	1.25	1.28	0	0	0	0	0	0
10/31/2023 20:13	42201 SHEN_T2	0	0	0	0	0	0	0.13	0.08	1	1	0	600	600	0
10/31/2023 20:13	56802 BENV_T2	1	1	0	0.4	0.4	0	-1.26	-1.34	0	0	0	0	0	0
10/31/2023 20:14	64802 MONE_T2	0	0	0	0	0	0	-0.01	-0.01	0	0	0	0	0	0
10/31/2023 20:14	42801 SELI_T1	1	1	0	0	0	0	0	0	0	0	0	0	0	0
10/31/2023 20:14	43001 ALWD_T1	38	13	-25	0.25	0.22	-0.03	0	0	0	0	0	0	0	0
10/31/2023 20:14	40903 JESH_T1	7	0	-7	0.13	0	-0.13	0	0	0	0	0	0	0	0
10/31/2023 20:14	56802 BENV_T2	1	1	0	0.4	0.4	0	-0.63	-0.67	0	0	0	0	0	0
10/31/2023 20:14	50701 SMEC_T1	0	0	0	0	0	0	0.05	0.05	0	0	0	0	0	0
10/31/2023 20:14	67503 WEWI_T2	0	0	0	0	0	0	-0.41	-0.36	0	0	0	0	0	0
10/31/2023 20:15	41902 REED_T1	0	3	3	0	0.53	0.53	1.07	1.05	0	0	0	0	0	0
10/31/2023 20:15	60201 ATGL_T2	3	1	-2	0.2	0.1	-0.1	0.15	0.08	0	0	0	0	0	0
10/31/2023 20:15	15001 BLMO_T1	1	0	-1	9	0	-9	0	0	0	0	0	0	0	0
10/31/2023 20:15	66703 STRA_T1	0	0	0	0	0	0	-0.41	-0.37	0	0	0	0	0	0
10/31/2023 20:15	52403 GRPA_T2	0	0	0	0	0	0	-0.17	-0.15	0	0	0	0	0	0
10/31/2023 20:15	64101 REFR_T1	0	0	0	0	0	0	-0.2	-0.15	0	0	0	0	0	0
10/31/2023 20:15	56501 ROCK_T2	0	1	1	0	0.1	0.1	-0.15	-0.14	0	0	0	0	0	0
10/31/2023 20:16	43304 WATS_T2	0	0	0	0	0	0	-0.2	-0.23	0	0	0	0	0	0
10/31/2023 20:16	56801 BENV_T1	26	26	0	0.36	0.43	0.07	-1.54	-1.54	2	2	0	1200	1200	0
10/31/2023 20:16	63802 HEMP_T1	0	0	0	0	0	0	-0.5	-0.47	0	0	0	0	0	0
10/31/2023 20:16	56504 ROCK_T2	0	0	0	0	0	0	-0.16	-0.14	0	0	0	0	0	0
10/31/2023 20:16	55002 NEWP_T1	4	5	1	1.23	1.04	-0.19	-0.23	-0.24	0	0	0	0	0	0
10/31/2023 20:17	66505 SMAN_T2	3	3	0	1.13	1.33	0.2	0	0	0	0	0	0	0	0
10/31/2023 20:17	57403 SPAN_T1	0	0	0	0	0	0	0.04	0.05	0	0	0	0	0	0
10/31/2023 20:17	41902 REED_T1	0	3	3	0	0.53	0.53	1.07	1.05	0	0	0	0	0	0
10/31/2023 20:17	44801 EDAN_T2	1	0	-1	0.3	0	-0.3	0	0	0	0	0	0	0	0
10/31/2023 20:17	64101 REFR_T1	0	0	0	0	0	0	-0.39	-0.31	0	0	0	0	0	0
10/31/2023 20:17	41802 GOCI_T2	0	6	6	0	0.1	0.1	0	0	0	0	0	0	0	0
10/31/2023 20:17	62607 ENGL_T1	1	1	0	1.2	1.1	-0.1	0	0	0	0	0	0	0	0
10/31/2023 20:17	57401 SPAN_T1	2	2	0	0.15	0.25	0.1	-0.95	-0.89	1	1	0	600	600	0
10/31/2023 20:17	65901 SAKR_T2	1	1	0	9.5	9.6	0.1	0	0	0	0	0	0	0	0
10/31/2023 20:17	64801 MONE_T2	1	1	0	0.5	0.2	-0.3	0	0	0	0	0	0	0	0
10/31/2023 20:17	20403 ASHF_T2	0	0	0	0	0	0	0.22	0.18	0	0	0	0	0	0
10/31/2023 20:18	46301 ROHR_T1	68	95	27	0.18	0.2	0.02	0	0	0	0	0	0	0	0
10/31/2023 20:19	49803 UNIV_T1	0	0	0	0	0	0	-1.18	-1.2	0	0	0	0	0	0
10/31/2023 20:19	64101 REFR_T1	0	0	0	0	0	0	-0.2	-0.15	0	0	0	0	0	0
10/31/2023 20:19	56803 BENV_T1	1	4	3	0.1	0.15	0.05	0	0	0	0	0	0	0	0
10/31/2023 20:19	58402 MORO_T1	0	0	0	0	0	0	-1.16	-1.17	2	2	0	1500	1500	0
10/31/2023 20:19	52403 GRPA_T2	0	0	0	0	0	0	-0.17	-0.15	0	0	0	0	0	0
10/31/2023 20:19	55002 NEWP_T1	4	5	1	1.23	1.04	-0.19	-0.23	-0.24	0	0	0	0	0	0
10/31/2023 20:19	56802 BENV_T2	1	1	0	0.4	0.7	0.3	-0.63	-0.67	0	0	0	0	0	0
10/31/2023 20:20	53501 EVIL_T2	0	0	0	0	0	0	-0.66	-0.66	1	1	0	600	600	0
10/31/2023 20:20	61801 EELI_T2	2	2	0	1.5	1.45	-0.05	-1.07	-1.08	1	1	0	600	600	0
10/31/2023 20:20	54701 NEBL_T1	2	0	-2	0.15	0	-0.15	0	0	1	1	0	600	600	0
10/31/2023 20:20	56802 BENV_T2	1	1	0	0.4	0.7	0.3	-0.63	-0.67	0	0	0	0	0	0
10/31/2023 20:20	56803 BENV_T1	1	4	3	0.1	0.15	0.05	0	0	0	0	0	0	0	0
10/31/2023 20:20	54001 SDLE_T1	3	4	1	0.67	0.68	0.01	0	0	0	0	0	0	0	0
10/31/2023 20:21	56501 ROCK_T2	0	1	1	0	0.1	0.1	0	0	0	0	0	0	0	0
10/31/2023 20:21	60902 DONG_T2	0	0	0	0	0	0	0.5	0.48	0	0	0	0	0	0
10/31/2023 20:21	40101 HUNT_T2	7	12	5	0.41	0.51	0.1	-0.44	-0.42	0	0	0	0	0	0
10/31/2023 20:21	57401 SPAN_T1	2	2	0	0.15	0.25	0.1	-0.95	-0.89	1	1	0	600	600	0
10/31/2023 20:21	64303 LINC_T1	0	0	0	0	0	0	-0.26	-0.26	0	0	0	0	0	0
10/31/2023 20:22	56803 BENV_T1	1	4	3	0.1	0.15	0.05	0	0	0	0	0	0	0	0
10/31/2023 20:22	57303 MOAL_T2	1	1	0	7.2	7.1	-0.1	0	0	0	0	0	0	0	0
10/31/2023 20:22	41902 REED_T1	0	3	3	0	0.53	0.53	1.07	1.05	0	0	0	0	0	0
10/31/2023 20:22	58402 MORO_T1	0	0	0	0	0	0	-1.16	-1.17	2	2	0	1500	1500	0
10/31/2023 20:23	43402 BENT_T1	0	3	3	0	0.23	0.23	-0.96	-0.97	1	1	0	900	900	0
10/31/2023 20:24	56803 BENV_T1	1	4	3	0.1	0.15	0.05	0	0	0	0	0	0	0	0
10/31/2023 20:26	53902 HALI_T2	0	0	0	0	0	0	-0.23	-0.22	0	0	0	0	0	0
10/31/2023 20:29	43402 BENT_T1	0	3	3	0	0.23	0.23	-0.97	-0.98	1	1	0	900	900	0
10/31/2023 20:40	52502 PROG_T2	0	0	0	0	0	0	-0.68	-0.65	1	1	0	900	900	0
10/31/2023 20:52	43402 BENT_T1	0	0	0	0	0	0	-0.98	-0.98	1	1	0	900	900	0
10/31/2023 20:56	46301 ROHR_T1	82	0	-82	0.2	0	-0.2	0.23	0.22	0	0	0	0	0	0
10/31/2023 21:11	44802 EDAN_T2	0	0	0	0	0	0	-0.97	-0.98	0	0	0	0	0	0
10/31/2023 21:12	14401 SSLA_T1	0	0	0	0	0	0	-0.59	-0.59	0	0	0	0	0	0
10/31/2023 21:28	60101 COCA_T1	0	0	0	0	0	0	0.2	0.17	0	0	0	0	0	0
10/31/2023 22:03	60101 COCA_T1	0	0	0	0	0	0	0.16	0.2	0	0	0	0	0	0
10/31/2023 23:00	56504 ROCK_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/31/2023 23:00	54206 PENN_T2	0	0	0	0	0	0

Appendix C - Grid Benefits Achieved in Each Instance of Active Management

11/1/2023 0:50	43301 WATS_T2	1	0	-1	0.1	0	-0.1	0	0	0	0	0	0	0	0
11/1/2023 1:17	53903 HAU_T2	2	2	0	0.6	0.8	0.2	-0.2	-0.18	0	0	0	0	0	0
11/1/2023 2:21	53901 HAU_T2	0	1	1	0	0.1	0.1	0	0	0	0	0	0	0	0
11/1/2023 2:26	53903 HAU_T2	2	2	0	1.1	1	-0.1	-0.2	-0.15	0	0	0	0	0	0
11/1/2023 7:18	54701 NEBL_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/1/2023 7:41	46206 DANV_T2	4	3	-1	0.78	1	0.22	0	0	0	0	0	0	0	0
11/1/2023 7:55	45502 DERR_T2	1	7	6	0.4	0.9	0.5	0	0	0	0	0	0	0	0
11/1/2023 7:57	43402 BENT_T1	1	0	-1	0.1	0	-0.1	-1.44	-1.37	2	2	0	1500	1500	0
11/1/2023 7:57	44502 HAMI_T2	1	1	0	2	2.1	0.1	-0.85	-0.8	0	0	0	0	0	0
11/1/2023 8:01	40101 HUNT_T2	157	207	50	0.61	0.47	-0.14	-0.17	-0.18	0	0	0	0	0	0
11/1/2023 8:19	54701 NEBL_T1	0	0	0	0	0	0	0	0	1	1	0	600	600	0
11/1/2023 8:21	46206 DANV_T2	1	1	0	1	0.4	-0.6	0	0	0	0	0	0	0	0
11/1/2023 8:27	29402 BELT_T1	1	2	1	8.7	4.5	-4.2	0	0	0	0	0	0	0	0
11/1/2023 8:31	58402 MORO_T1	0	0	0	0	0	0	-4.28	-4.22	6	6	0	4800	4800	0
11/1/2023 8:33	49804 UNIV_T1	3	0	-3	0.17	0	-0.17	0	0	0	0	0	0	0	0
11/1/2023 8:35	55002 NEWP_T1	6	6	0	1.03	1.37	0.34	-0.23	-0.17	0	0	0	0	0	0
11/1/2023 8:36	44203 POIN_T2	0	3	3	0	0.5	0.5	0	0	0	0	0	0	0	0
11/1/2023 8:36	55002 NEWP_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/1/2023 8:39	53601 DALM_T2	1	1	0	0.7	0.8	0.1	-0.01	-0.02	0	0	0	0	0	0
11/1/2023 8:42	52402 GRPA_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/1/2023 8:43	56802 BENV_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/1/2023 8:45	52402 GRPA_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/1/2023 8:46	62607 ENGL_T1	1	1	0	0.7	0.6	-0.1	0	0	0	0	0	0	0	0
11/1/2023 8:53	65901 SAKR_T2	1	1	0	8.4	9.4	1	0	0	0	0	0	0	0	0
11/1/2023 8:54	55101 WERT_T1	0	0	0	0	0	0	-1.03	-0.9	2	2	0	1500	1500	0
11/1/2023 8:56	64101 REFR_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/1/2023 9:01	51301 WIND_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/1/2023 9:09	43001 ALWD_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/1/2023 9:11	43001 ALWD_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/1/2023 9:13	45502 DERR_T2	2	9	7	0.65	1.15	0.5	0	0	0	0	0	0	0	0
11/1/2023 9:15	40101 HUNT_T2	46	10	-36	0.54	0.73	0.19	-0.31	-0.34	0	0	0	0	0	0
11/1/2023 9:21	57403 SPAN_T1	1	9	8	0.1	0.18	0.08	0	0	0	0	0	0	0	0
11/1/2023 9:22	57403 SPAN_T1	1	9	8	0.1	0.18	0.08	0	0	0	0	0	0	0	0
11/1/2023 9:23	57401 SPAN_T1	214	258	44	0.35	0.33	-0.02	-2.3	-2.33	2	0	-2	1200	0	-1200
11/1/2023 9:24	56802 BENV_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/1/2023 9:24	45802 HEGI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/1/2023 9:24	55101 WERT_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/1/2023 9:25	57403 SPAN_T1	1	9	8	0.1	0.18	0.08	0	0	0	0	0	0	0	0
11/1/2023 9:27	29402 BELT_T1	3	4	1	3.73	2.6	-1.13	0	0	0	0	0	0	0	0
11/1/2023 9:28	41801 GOCI_T2	0	1	1	0	0.1	0.1	0	0	0	0	0	0	0	0
11/1/2023 9:28	56802 BENV_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/1/2023 9:30	49803 UNIV_T1	0	0	0	0	0	0	-1.04	-1	0	0	0	0	0	0
11/1/2023 9:31	41801 GOCI_T2	0	3	3	0	0.17	0.17	0	0	0	0	0	0	0	0
11/1/2023 9:31	55002 NEWP_T1	6	6	0	1.17	1.13	-0.04	-0.21	-0.21	0	0	0	0	0	0
11/1/2023 9:32	42001 MNVL_T2	0	0	0	0	0	0	0.08	0.09	0	0	0	0	0	0
11/1/2023 9:32	43202 MVIL_T2	1	0	-1	0.2	0	-0.2	-1.16	-1.08	0	0	0	0	0	0
11/1/2023 9:33	44203 POIN_T2	0	1	1	0	0	0	0.05	0.11	2	2	0	2100	2100	0
11/1/2023 9:35	67001 STHI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/1/2023 9:35	55002 NEWP_T1	6	6	0	1.17	1.13	-0.04	-0.21	-0.21	0	0	0	0	0	0
11/1/2023 9:36	43301 WATS_T2	1	1	0	0.5	0.1	-0.4	0	0	0	0	0	0	0	0
11/1/2023 9:37	67001 STHI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/1/2023 9:37	43001 ALWD_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/1/2023 9:37	56802 BENV_T2	11	40	29	0.23	0.26	0.03	-1.32	-1.35	0	0	0	0	0	0
11/1/2023 9:38	67203 TEHI_T1	0	0	0	0	0	0	2.58	2.55	2	2	0	1500	1500	0
11/1/2023 9:38	66703 STRA_T1	0	0	0	0	0	0	-0.07	0	0	0	0	0	0	0
11/1/2023 9:38	57403 SPAN_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/1/2023 9:38	56802 BENV_T2	11	40	29	0.23	0.26	0.03	-1.32	-1.35	0	0	0	0	0	0
11/1/2023 9:39	56802 BENV_T2	11	40	29	0.23	0.26	0.03	-1.32	-1.35	0	0	0	0	0	0
11/1/2023 9:39	59202 THOM_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/1/2023 9:40	57403 SPAN_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/1/2023 9:40	43001 ALWD_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/1/2023 9:41	44301 BEAV_T2	1	1	0	1.2	1.3	0.1	0.76	0.77	1	1	0	600	600	0
11/1/2023 9:43	10801 CHHI_T1	0	0	0	0	0	0	-0.69	-0.71	1	1	0	900	900	0
11/1/2023 9:45	22901 HARW_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/1/2023 9:46	59301 MCAL_T1	2	5	3	0.5	0.1	-0.4	0	0	1	1	0	600	600	0
11/1/2023 9:46	40902 JESH_T1	0	0	0	0	0	0	-0.56	-0.57	2	2	0	1200	1200	0
11/1/2023 9:51	59301 MCAL_T1	2	5	3	0.5	0.1	-0.4	0	0	1	1	0	600	600	0
11/1/2023 9:51	57403 SPAN_T1	0	1	1	0	0.1	0.1	0	0	0	0	0	0	0	0
11/1/2023 9:52	20401 ASHF_T2	1	1	0	0	0	0	0	0	0	0	0	0	0	0
11/1/2023 9:52	64101 REFR_T1	0	0	-1	0.2	0	-0.2	-0.16	-0.12	0	0	0	0	0	0
11/1/2023 9:52	41901 REED_T1	1	1	0	0.1	0.1	0	0	0	0	0	0	0	0	0
11/1/2023 9:52	46702 RENO_T1	0	0	0	0	0	0	-0.13	-0.14	0	0	0	0	0	0
11/1/2023 9:52	13901 SEID_T1	0	0	0	0	0	0	0.24	0.22	0	0	0	0	0	0
11/1/2023 9:52	13704 SCHN_T2	0	0	0	0	0	0	-0.3	-0.31	0	0	0	0	0	0
11/1/2023 9:54	61202 REIN_T1	59	61	2	1.13	1.11	-0.02	0	0	0	0	0	0	0	0
11/1/2023 9:55	55002 NEWP_T1	6	6	0	1.13	1.07	-0.06	-0.21	-0.18	0	0	0	0	0	0
11/1/2023 9:56	64101 REFR_T1	1	0	-1	0.2	0	-0.2	-0.36	-0.36	0	0	0	0	0	0
11/1/2023 9:56	41902 REED_T1	2	8	6	0.3	0.6	0.3	2.16	2.14	0	0	0	0	0	0
11/1/2023 9:56	41901 REED_T1	1	1	0	0.1	0.1	0	-1.29	-1.33	1	1	0	900	900	0
11/1/2023 9:56	59301 MCAL_T1	2	5	3	0.5	0.1	-0.4	0	0	1	1	0	600	600	0
11/1/2023 9:57	64101 REFR_T1	1	0	-1	0.2	0	-0.2	-0.36	-0.36	0	0	0	0	0	0
11/1/2023 9:57	59301 MCAL_T1	2	5	3	0.5	0.1	-0.4	0	0	2	2	0	1200	1200	0
11/1/2023 9:58	43402 BENT_T1	0	0	0	0	0	0	-1.35	-1.35	2	2	0	1500	1500	0
11/1/2023 10:00	44203 POIN_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/1/2023 10:00	43304 WATS_T2	0	0	0	0	0	0	-0.24	-0.25	0	0	0	0	0	0
11/1/2023 10:00	20403 ASHF_T2	2	4	2	0.2	0.35	0.15	1.53	1.3	0	0	0	0	0	0
11/1/2023 10:00	45501 DERR_T2	2	1	-1	0.2	0.1	-0.1	0	0	0	0	0	0	0	0
11/1/2023 10:00	41901 REED_T1	1	1	0	0.1	0.2	0.1	0	0	0	0	0	0	0	0
11/1/2023 10:00	60201 ATGL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/1/2023 10:00	45802 HEGI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/1/2023 10:00	54701 NEBL_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/1/2023 10:00	58402 MORO_T1	0	0	0	0	0	0	-3.42	-3.36	6	6	0	4500	4500	0
11/1/2023 10:00	64802 MONE_T2	81	70	-11	0.31	0.23	-0.08	0	0	0	0	0	0	0	0
11/1/2023 10:00	56802 BENV_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/1/2023 10:00	46203 DANV_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/1/2023 10:00	60501 NMAN_T2	3	5	2	5	3.02	-1.98	0	0	0	0	0	0	0	0
11/1/2023 10:00	53903 HAU_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/1/2023 10:00	58402 MORO_T1	0	0	0	0	0	0	-3.42	-3.36	6	6	0	4500	4500	0
11/1/2023 10:00	52503 PROG_T2	0	0	0	0	0	0	-0.62	-0.64	1	1	0	900	900	0
11/1/2023 10:00	47401 PENS_T1	0	1	1	0	0	0	0	0	0	0	0	0	0	0
11/1/2023 10:00	40602 PIGR_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/1/2023 10:00	22901 HARW_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/1/2023 10:00	62605 ENGL_T1	1	1	0	0.1	0.5	0.4	0	0	0	0	0	0	0	0
11/1/2023 10:00	43301 WATS_T2	1	0	-1	0.1	0	-0.1	0	0	0	0	0	0	0	0
11/1/2023 10:00	43201 MVIL_T2	0	2	2	0	0	0	-1.16	-1.14	0	0	0	0	0	0
11/1/2023 10:00	67001 STHI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/1/2023 10:00	64303 LINC_T1	0	0	0	0	0	0	-0.22	-0.2	0	0	0	0	0	0
11/1/2023 10:00	12604 MACA_T1	0	0	0	0	0	0	0.31	0.31	0	0	0	0	0	0
11/1/2023 10:00	23301 JEFF_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/1/2023 10:00	55002 NEWP_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/1/2023 10:00	63802 HEMP_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/1/2023 10:00	56501 ROCK_T2	135	152	17	0.19	0.2	0.01	0	0	0	0	0	0	0	0
11/1/2023 10:00	53501 EVIL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/1/2023 10:00	55101 WERT_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/1/2023 10:00	57403 SPAN_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/1/2023 10:01	58401 MORO_T1	1	0	-1	0.2	0	-0.2	-0.85	-0.85	1	1	0	600	600	0
11/1/2023 10:02	25402 LAHA_T2	0	0	0	0	0	0	-0.48	-0.49	0	0	0	0	0	0
11/1/2023 10:03	52501 PROG_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/1/2023 10:04	64101 REFR_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/1/2023 10:05	57401 SPAN_T1	9	65	56	0.29	0.22	-0.07	-0.49	-0.47	0	0	0	0	0	0
11/1/2023 10:05	56504 ROCK_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/1/2023 10:06	67002 STHI_T2	302	175	-127	0.17	0.14	-0.03	0.69	0.65	0	0	0	0	0	0
11/1/2023 10:06	42801 SELI_T1	1	1	0	0	0	0	0	0	0	0	0	0	0	0
11/1/2023 10:06	41901 REED_T1	1	1	0	0.1	0.2	0.1	-1.29	-1.33	1	1	0	900	900	0
11/1/2023 10:06	57403 SPAN_T1	1	5	4	0.1	0.12	0.02	0	0	0	0	0	0	0	0
11/1/2023 10:07	13704 SCHN_T2	0	0	0	0	0	0	-0.62	-0.6	0	0	0	0	0	0
11/1/2023 10:07	56803 BENV_T1	0	2	2	0	0.25	0.25	0	0	0	0	0	0	0	0
11/1/2023 10:07	20401 ASHF_T2	1	1	0	0	0	0	0	0	0	0	0	0	0	0
11/1/2023 10:07	67001 STHI_T2	535	538	3	0.27	0.22	-0.05	0	0	0	0	0	0	0	0
11/1/2023 10:07	57401 SPAN_T1	9	65	56	0.29	0.22	-0.07	-0.98	-0.94	0	0	0	0	0	0
11/1/2023 10:07	41902 REED_T1	8	2	-6	0.76	0	-0.76	2.16	2.14	0	0	0	0	0	0
11/1/2023 10:07	42801 SELI_T1	1	1	0	0	0	0	0	0	0	0	0	0	0	0
11/1/2023 10:07	17802 GLIB_T1	12	3	2	0.2	10	9.8	0.03	0.06	0	0	0	0	0	0
11/1/2023 10:07	67203 TEHI_T1	0	0	0	0	0	0	2.38	2.43	2	2	0	1500	1500	0
11/1/2023 10:08	57401 SPAN_T1	9	65	56	0.29	0.22	-0.07	-0.98	-0.94	0	0	0	0	0	0
11/1/2023 10:08	65901 SAKR_T2	1	1	0	9.7	9.6	-0.1	0	0	0	0	0	0	0	0
11/1/2023 10:08	42701 AUGU_T1	1	1	0	0.1	0.3	0.2	0	0	2	2	0	1800	1800	0
11/1/2023 10:08	67002 STHI_T2	302	175	-127	0.17	0.14	-0.03	2.07	1.95	0	0	0	0	0	0
11/1/2023 10:08	56803 BENV_T1	0	2	2	0	0.25	0.25	0	0	0	0	0	0	0	0
11/1/2023 10:08	67002 STHI_T2	302	175	-127	0.17	0.14	-0.03	2.07	1.95	0	0	0	0	0	0
11/1/2023 10:08	29402 BELT_T1	4	10	6	2.8	1.22	-1.58	0	0	0	0	0	0	0	0
11/1/2023 10:08	42802 SELI_T1	1	0	-1	0.1	0	-0.1	-4.21	-4.19	2	2	0	1800	1800	0
11/1/2023 10:08	13704 SCHN_T2	0	0	0	0	0	0	-0.31	-0.3	0	0	0	0	0	0
11/1/2023 10:08	13901 SEID_T1	0	0	0	0	0	0	0.22	0.25	0	0	0	0	0	0
11/1/2023 10:09	56801 BENV_T1	30	33	3	0.5	0.55	0.05	-1.46	-1.42	2	2	0	1200	1200	0
11/1/2023 10:09	29402 BELT_T1	4	10	6	2.8	1.22	-1.58	0	0	0	0	0	0	0	0
11/1/2023 10:09	29402 BELT_T1	4	10	6	2.8	1.22	-1.58	0	0	0	0	0	0	0	0
11/1/2023 10:09	42701 AUGU_T1	1	1	0	0.1	0.3	0.2	0	0	2	2	0	1800	1800	0
11/1/2023 10:10	53601 DALM_T2	1	2	1	0.5	0.6	0.1	-0.02	-0.04	0	0	0	0	0	0
11/1/2023 10:10	56803 BENV_T1	0	2	2	0	0.25	0.25	0	0	0	0	0	0	0	0
11/1/2023 10:10	29401 BELT_T1	1	0	-1	0.1	0	-0.1	0	0	0	0	0	0	0	0
11/1/2023 10:10	57403 SPAN_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/1/2023 10:10	43001 ALWD_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/1/2023 10:11	43001 ALWD_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/1/2023 10:11	46203 DANV_T2	0	0	0	0	0	0	-1.36	-1.37	0	0	0	0	0	0
11/1/2023 10:11	53501 EVIL_T2	0	2	2	0	0.2	0.2	-0.86	-0.84	3	3	0	1800	1800	0
11/1/2023 10:11	56803 BENV_T1	0	2	2	0	0.25	0.25	0	0	0	0	0	0	0	0
11/1/2023 10:11	10801 CHHI_T1	0	5	5	0	0.36	0.36	-0.83	-0.86	1	1	0	900	900	0
11/1/2023 10:12	52403 GRPA_T2	2	0	-2	1	0	-1	0.01	0.03	0	0	0	0	0	0
11/1/2023 10:12	41801 GOCI_T2	2	2	0	0.2	0.2	0	0	0	0	0	0	0	0	0
11/1/2023 10:12	46004 BERW_T2	1	0	-1	0.3	0	-0.3	0	0	0	0	0	0	0	0
11/1/2023 10:12	62605 ENGL_T1	1	1	0	0.1	0.5	0.4	0	0	0	0	0	0	0	0
11/1/2023 10:12	45502 DERR_T2	4	4	0	0.55	1	0.45	0	0	0	0	0	0	0	0
11/1/2023 10:12	53903 HAU_T2	2	2	0	1.3	1.3	0	-0.12	-0.14	0	0	0	0	0	0
11/1/2023 10:12	60801 BUCK_T1	0	0	0	0	0	0	0.16	0.27	0	0	0	0	0	0
11/1/2023 10:12	28403 HART_T2	0	0	0	0	0	0	-0.76	-0.79	1	1	0	900	900	0
11/1/2023 10:13	62607 ENGL_T1	1	1	0	0.6	0.6	0	0	0	0	0	0	0	0	0
11/1/2023 10:13	45501 DERR_T2	2	1	-1	0.2	0.1	-0.1	1.62	1.78	4	4	0	3600	3600	0
11/1/2023 10:13	53501 EVIL_T2	0	2	2	0	0.2	0.2	-0.86	-0.84	3	3	0	1800	1800	0
11/1/2023 10:13	46801 HEPB_T2	2	2	0	0.25	0.3	0.05	0.65	0.67	0	0	0	0	0	0
11/1/2023 10:14	45802 HEGI_T2	0	0	0	0	0	0	0.87	0.82	0	0	0	0	0	0
11/1/2023 10:14	45502 DERR_T2	4	4	0	0.55	1	0.45	0.26	0.26	1	1	0	300	300	0
11/1/2023 10:14	41801 GOCI_T2	2	2	0	0.2	0.2	0	0	0	0	0	0	0	0	0
11/1/2023 10:15	21606 EYNO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/1/2023 10:16	55002 NEWP_T1	6	7	1	1	0.94	-0.06	-0.19	-0.24	0	0	0	0	0	0
11/1/2023 10:16	63601 LETO_T1	3	3	0	0.17	0.17	0	1.09	1.43	1	1	0	900	900	0
11/1/2023 10:16	52004 LING_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/1/2023 10:16	54701 NEBL_T1	3	4	1	0.3	0.23	-0.07	0	0	1	1	0	600	600	0
11/1/2023 10:17	54701 NEBL_T1	3	4	1	0.3	0.23	-0.07	0	0	1	1	0	600	600	0
11/1/2023 10:17	26401 INOR_T1	0	1	1	0	0.1	0.1	0	0	0	0	0	0	0	0
11/1/2023 10:18	47401 PENS_T1	0	0	0	0	0	0

11/1/2023 10:30	26401 INOR_T1	0	1	1	0	0.1	0.1	0.98	0.74	0	0	0	0	0	0
11/1/2023 10:31	59301 MCAL_T1	2	2	0	0.25	0.2	-0.05	0	0	1	1	0	600	600	0
11/1/2023 10:32	52403 GRPA_T2	0	1	1	0	0	0	0.03	0.04	0	0	0	0	0	0
11/1/2023 10:33	43202 MVIL_T2	0	0	0	0	0	0	-0.6	-0.58	0	0	0	0	0	0
11/1/2023 10:33	59301 MCAL_T1	2	2	0	0.25	0.2	-0.05	0	0	3	3	0	1800	1800	0
11/1/2023 10:34	43202 MVIL_T2	0	0	0	0	0	0	-0.6	-0.58	0	0	0	0	0	0
11/1/2023 10:34	64101 REFR_T1	0	0	0	0	0	0	-0.12	-0.13	0	0	0	0	0	0
11/1/2023 10:34	59301 MCAL_T1	2	2	0	0.25	0.2	-0.05	0	0	1	1	0	600	600	0
11/1/2023 10:35	59202 THOM_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/1/2023 10:35	44203 POIN_T2	0	3	3	0	0	0	0	-0.14	2	2	0	2100	2100	0
11/1/2023 10:36	43301 WATS_T2	0	1	1	0	0.3	0.3	-0.64	-0.63	1	1	0	900	900	0
11/1/2023 10:36	13302 ORVI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/1/2023 10:38	16301 ALPA_T1	17	23	6	0.19	0.2	0.01	-0.39	-0.43	0	0	0	0	0	0
11/1/2023 10:39	28601 BLYT_T2	0	1	1	0	0.2	0.2	0	0	0	0	0	0	0	0
11/1/2023 10:39	43301 WATS_T2	0	1	1	0	0.3	0.3	-0.64	-0.63	1	1	0	900	900	0
11/1/2023 10:39	44301 BEAV_T2	1	2	1	0.3	2.5	2.2	1	0.85	1	1	0	600	600	0
11/1/2023 10:39	16301 ALPA_T1	17	23	6	0.19	0.2	0.01	-0.39	-0.43	0	0	0	0	0	0
11/1/2023 10:39	43301 WATS_T2	0	1	1	0	0.3	0.3	-0.64	-0.63	1	1	0	900	900	0
11/1/2023 10:39	16302 ALPA_T2	0	1	1	0	0.2	0.2	2.16	2.04	0	0	0	0	0	0
11/1/2023 10:40	43402 BENT_T1	0	0	0	0	0	0	-1.37	-1.37	2	2	0	1500	1500	0
11/1/2023 10:40	16301 ALPA_T1	17	23	6	0.19	0.2	0.01	-0.78	-0.86	0	0	0	0	0	0
11/1/2023 10:41	43301 WATS_T2	0	1	1	0	0.3	0.3	-0.63	-0.58	1	1	0	900	900	0
11/1/2023 10:42	16302 ALPA_T2	0	1	1	0	0.2	0.2	0.68	0.82	0	0	0	0	0	0
11/1/2023 10:43	40902 JESH_T1	0	0	0	0	0	0	-0.64	-0.67	2	2	0	1200	1200	0
11/1/2023 10:44	45001 LIME_2	22	9	-13	0.3	0.34	0.04	0	0	0	0	0	0	0	0
11/1/2023 10:45	53901 HALI_T2	1	1	0	0.1	0.2	0.1	0	0	0	0	0	0	0	0
11/1/2023 10:45	64204 KINZ_T1	24	47	23	0.24	0.39	0.15	0	0	0	0	0	0	0	0
11/1/2023 10:48	46903 MNTG_T2	0	2	2	0	0.45	0.45	0.2	0.28	1	1	0	600	600	0
11/1/2023 10:49	65003 NEFF_T2	6	8	2	0.25	0.36	0.11	0	0	0	0	0	0	0	0
11/1/2023 10:52	66703 STRA_T1	0	0	0	0	0	0	-0.05	-0.09	0	0	0	0	0	0
11/1/2023 10:52	44301 BEAV_T2	1	2	1	2.5	1.9	-0.6	1.71	1.9	2	2	0	1200	1200	0
11/1/2023 10:53	57401 SPAN_T1	12	46	34	0.36	0.26	-0.1	0	0	0	0	0	0	0	0
11/1/2023 10:54	61801 EELI_T2	3	11	8	1.2	0.53	-0.67	0	0	0	0	0	0	0	0
11/1/2023 10:54	59101 WALK_T2	1	1	0	0	0	0	1.6	1.69	0	0	0	0	0	0
11/1/2023 10:54	15001 BLMO_T1	2	2	0	0.25	0.15	-0.1	0	0	0	0	0	0	0	0
11/1/2023 10:54	58302 NOTT_T2	0	0	0	0	0	0	-0.28	-0.4	1	1	0	1200	1200	0
11/1/2023 10:57	44301 BEAV_T2	1	2	1	2.5	1.9	-0.6	0.95	0.25	1	2	1	600	1500	900
11/1/2023 10:59	28403 HART_T2	0	0	0	0	0	0	-0.75	-0.74	1	1	0	900	900	0
11/1/2023 11:00	53901 HALI_T2	1	1	0	0.2	0.2	0	0	0	0	0	0	0	0	0
11/1/2023 11:00	63602 LETO_T1	1	2	1	0.3	0.45	0.15	0	0	0	0	0	0	0	0
11/1/2023 11:00	29402 BELT_T1	5	9	4	2.16	1.38	-0.78	0	0	0	0	0	0	0	0
11/1/2023 11:00	67503 WEWI_T2	0	1	1	0	2	2	0	0	0	0	0	0	0	0
11/1/2023 11:00	63803 HEMP_T1	12	3	-9	0.21	0.4	0.19	0	0	0	0	0	0	0	0
11/1/2023 11:01	67503 WEWI_T2	0	1	1	0	2	2	0	0	0	0	0	0	0	0
11/1/2023 11:01	59101 WALK_T2	1	1	0	0	0	0	1.69	1.43	0	0	0	0	0	0
11/1/2023 11:02	42903 MIDD_T2	0	0	0	0	0	0	0.73	0.7	1	1	0	1200	1200	0
11/1/2023 11:02	29402 BELT_T1	5	9	4	2.16	1.38	-0.78	0	0	0	0	0	0	0	0
11/1/2023 11:03	57401 SPAN_T1	31	76	45	0.25	0.24	-0.01	0	0	0	0	0	0	0	0
11/1/2023 11:03	63602 LETO_T1	1	2	1	0.3	0.45	0.15	-0.29	-0.35	0	0	0	0	0	0
11/1/2023 11:03	52004 LING_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/1/2023 11:03	12701 MACU_T1	0	0	0	0	0	0	0.08	0.06	0	0	0	0	0	0
11/1/2023 11:04	65003 NEFF_T2	8	7	-1	0.34	0.27	-0.07	0	0	0	0	0	0	0	0
11/1/2023 11:04	42802 SELI_T1	0	0	0	0	0	0	-4.2	-4.14	2	2	0	1800	1800	0
11/1/2023 11:04	64101 REFR_T1	0	4	4	0	0.3	0.3	-0.27	-0.4	0	0	0	0	0	0
11/1/2023 11:04	67503 WEWI_T2	0	1	1	0	2	2	0	0	0	0	0	0	0	0
11/1/2023 11:04	67001 STHI_T2	646	9	-637	0.29	0.19	-0.1	0	0	0	0	0	0	0	0
11/1/2023 11:04	44601 SALE_T2	0	0	0	0	0	0	0.22	0.18	1	1	0	600	600	0
11/1/2023 11:05	29401 BELT_T1	0	1	1	0	0.5	0.5	0	0	0	0	0	0	0	0
11/1/2023 11:05	42802 SELI_T1	0	0	0	0	0	0	-6.3	-6.21	3	3	0	2700	2700	0
11/1/2023 11:05	67001 STHI_T2	646	9	-637	0.29	0.19	-0.1	0	0	0	0	0	0	0	0
11/1/2023 11:05	44601 SALE_T2	0	0	0	0	0	0	0.22	0.18	1	1	0	600	600	0
11/1/2023 11:07	67201 TEHI_T1	0	0	0	0	0	0	1.26	1.18	1	1	0	900	900	0
11/1/2023 11:07	64101 REFR_T1	0	4	4	0	0.3	0.3	-0.07	-0.1	0	0	0	0	0	0
11/1/2023 11:07	67002 STHI_T2	394	5	-389	0.19	0.16	-0.03	0.68	0.62	0	0	0	0	0	0
11/1/2023 11:07	67002 STHI_T2	394	5	-389	0.19	0.16	-0.03	0.68	0.62	0	0	0	0	0	0
11/1/2023 11:08	55002 NEWP_T1	7	9	2	0.93	1.31	0.38	-0.21	-0.2	0	0	0	0	0	0
11/1/2023 11:08	42801 SELI_T1	1	1	0	0	0	0	0	0	0	0	0	0	0	0
11/1/2023 11:09	61801 EELI_T2	9	7	-2	0.6	0.74	0.14	-0.21	-0.3	0	0	0	0	0	0
11/1/2023 11:09	42801 SELI_T1	1	1	0	0	0	0	0	0	0	0	0	0	0	0
11/1/2023 11:09	67001 STHI_T2	646	9	-637	0.29	0.19	-0.1	0	0	0	0	0	0	0	0
11/1/2023 11:09	45402 WILO_T2	0	1	1	0	0.8	0.8	-0.75	-0.66	0	0	0	0	0	0
11/1/2023 11:09	64101 REFR_T1	0	4	4	0	0.3	0.3	-0.07	-0.1	0	0	0	0	0	0
11/1/2023 11:09	59102 WALK_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/1/2023 11:10	61802 EELI_T2	2	7	5	0.2	0.2	0	0	0	0	0	0	0	0	0
11/1/2023 11:12	47001 HUGH_T2	0	0	0	0	0	0	-0.69	-0.79	0	0	0	0	0	0
11/1/2023 11:12	46003 BERW_T2	1	1	0	2.2	1.3	-0.9	0	0	0	0	0	0	0	0
11/1/2023 11:14	40101 HUNT_T2	96	62	-34	0.44	0.26	-0.18	-0.13	-0.14	0	0	0	0	0	0
11/1/2023 11:14	44502 HAMI_T2	1	1	0	2	2.4	0.4	-0.8	-0.86	0	0	0	0	0	0
11/1/2023 11:14	12701 MACU_T1	0	0	0	0	0	0	0.06	0.04	0	0	0	0	0	0
11/1/2023 11:15	46903 MNTG_T2	0	2	2	0	0.2	0.2	0	0	0	0	0	0	0	0
11/1/2023 11:16	40101 HUNT_T2	58	45	-13	0.39	0.31	-0.08	-0.13	-0.14	0	0	0	0	0	0
11/1/2023 11:16	49803 UNIV_T1	0	0	0	0	0	0	-0.99	-1.03	0	0	0	0	0	0
11/1/2023 11:16	12701 MACU_T1	0	0	0	0	0	0	0.12	0.08	0	0	0	0	0	0
11/1/2023 11:18	56504 ROCK_T2	1	2	1	0.1	0.3	0.2	0.01	0.02	0	0	0	0	0	0
11/1/2023 11:19	40101 HUNT_T2	58	45	-13	0.39	0.31	-0.08	-0.13	-0.14	0	0	0	0	0	0
11/1/2023 11:19	52004 LING_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/1/2023 11:20	56504 ROCK_T2	1	2	1	0.1	0.3	0.2	0.01	0.02	0	0	0	0	0	0
11/1/2023 11:20	41901 REED_T1	1	3	2	0.2	0.27	0.07	0	0	0	0	0	0	0	0
11/1/2023 11:21	64101 REFR_T1	2	3	1	0.15	0.33	0.18	-0.1	-0.1	0	0	0	0	0	0
11/1/2023 11:22	43301 WATS_T2	1	1	0	0.2	0.4	0.2	-0.6	-0.6	1	1	0	900	900	0
11/1/2023 11:22	56501 ROCK_T2	152	327	175	0.25	0.32	0.07	-1.57	-1.59	0	0	0	0	0	0
11/1/2023 11:23	56501 ROCK_T2	152	327	175	0.25	0.32	0.07	0	0	0	0	0	0	0	0
11/1/2023 11:23	57402 SPAN_T2	27	17	-10	0.13	0.11	-0.02	-1.19	-1.2	0	0	0	0	0	0
11/1/2023 11:23	60803 BUCK_T1	1	0	-1	0.1	0	-0.1	-1.47	-0.88	1	1	0	600	600	0
11/1/2023 11:23	57403 SPAN_T1	23	39	16	0.26	0.32	0.06	0	0	0	0	0	0	0	0
11/1/2023 11:24	45502 DERR_T2	5	21	16	0.7	0.58	-0.12	0	0	0	0	0	0	0	0
11/1/2023 11:24	56802 BENV_T2	180	286	106	0.25	0.31	0.06	-4.02	-3.9	0	0	0	0	0	0
11/1/2023 11:24	43301 WATS_T2	1	1	0	0.2	0.4	0.2	-0.6	-0.6	1	1	0	900	900	0
11/1/2023 11:24	67605 WARW_T1	0	20	20	0	0.24	0.24	-1.27	-1.26	0	0	0	0	0	0
11/1/2023 11:24	15103 UPHA_T2	1	2	1	0.4	0.25	-0.15	0.42	0.42	0	0	0	0	0	0
11/1/2023 11:25	51302 WIND_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/1/2023 11:25	61802 EELI_T2	5	5	0	0.22	0.24	0.02	0	0	0	0	0	0	0	0
11/1/2023 11:25	67502 WEWI_T2	0	2	2	0	0.6	0.6	-0.22	-0.26	0	0	0	0	0	0
11/1/2023 11:25	45502 DERR_T2	5	21	16	0.7	0.58	-0.12	0	0	0	0	0	0	0	0
11/1/2023 11:25	56802 BENV_T2	180	286	106	0.25	0.31	0.06	-2.68	-2.6	0	0	0	0	0	0
11/1/2023 11:26	61303 EARL_T1	0	0	0	0	0	0	0.56	0.68	0	0	0	0	0	0
11/1/2023 11:26	67502 WEWI_T2	0	2	2	0	0.6	0.6	0	0	0	0	0	0	0	0
11/1/2023 11:27	60803 BUCK_T1	1	0	-1	0.1	0	-0.1	-0.88	-0.9	1	1	0	600	600	0
11/1/2023 11:27	45502 DERR_T2	5	21	16	0.7	0.58	-0.12	0	0	0	0	0	0	0	0
11/1/2023 11:28	45501 DERR_T2	2	4	2	0.45	0.25	-0.2	1.03	0.89	2	2	0	1800	1800	0
11/1/2023 11:30	46903 MNTG_T2	0	2	2	0	0.2	0.2	0.29	0.04	1	1	0	600	600	0
11/1/2023 11:31	46901 MNTG_T2	0	0	0	0	0	0	0.5	0.22	1	1	0	1200	1200	0
11/1/2023 11:31	42902 MIDD_T2	0	2	2	0	0.45	0.45	-0.78	-0.75	1	1	0	600	600	0
11/1/2023 11:31	39601 LNFD_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/1/2023 11:31	52004 LING_T2	0	1	1	0	0.7	0.7	0.21	0.26	0	0	0	0	0	0
11/1/2023 11:32	22901 HARW_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/1/2023 11:32	26401 INOR_T1	0	0	0	0	0	0	0.82	0.78	0	0	0	0	0	0
11/1/2023 11:33	42902 MIDD_T2	0	2	2	0	0.45	0.45	0	0	0	0	0	0	0	0
11/1/2023 11:34	65604 QVIL_T2	0	0	0	0	0	0	0.54	0.54	0	0	0	0	0	0
11/1/2023 11:34	64101 REFR_T1	3	1	-2	0.33	0.2	-0.13	-0.2	-0.22	0	0	0	0	0	0
11/1/2023 11:34	13302 ORVI_T2	1	1	0	0.4	0.6	0.2	1.02	1.04	0	0	0	0	0	0
11/1/2023 11:34	52502 PROG_T2	0	0	0	0	0	0	0.29	0.3	0	0	0	0	0	0
11/1/2023 11:35	13905 SEID_T1	0	2	2	0	0.2	0.2	0	0	0	0	0	0	0	0
11/1/2023 11:35	59301 MCAL_T1	8	2	-6	0.53	1.4	0.87	0	-1.51	1	1	0	600	600	0
11/1/2023 11:35	64101 REFR_T1	3	1	-2	0.33	0.2	-0.13	-0.2	-0.22	0	0	0	0	0	0
11/1/2023 11:35	41901 REED_T1	2	3	1	0.2	0.27	0.07	0	0	0	0	0	0	0	0
11/1/2023 11:36	41902 REED_T1	2	0	-2	0.15	0	-0.15	2.04	2.06	0	0	0	0	0	0
11/1/2023 11:36	59301 MCAL_T1	8	2	-6	0.53	1.4	0.87	0	-3.02	2	2	0	1200	1200	0
11/1/2023 11:36	41902 REED_T1	2	0	-2	0.15	0	-0.15	2.04	2.06	0	0	0	0	0	0
11/1/2023 11:36	64101 REFR_T1	3	1	-2	0.33	0.2	-0.13	-0.2	-0.22	0	0	0	0	0	0
11/1/2023 11:37	64101 REFR_T1	3	1	-2	0.33	0.2	-0.13	-0.1	-0.11	0	0	0	0	0	0
11/1/2023 11:37	59301 MCAL_T1	8	2	-6	0.53	1.4	0.87	0	-1.51	1	1	0	600	600	0
11/1/2023 11:37	43304 WATS_T2	0	0	0	0	0	0	-0.63	-1.34	0	0	0	0	0	0
11/1/2023 11:37	65604 QVIL_T2	0	0	0	0	0	0	0.54	0.54	0	0	0	0	0	0
11/1/2023 11:37	43001 ALWD_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/1/2023 11:37	43304 WATS_T2	0	0	0	0	0	0	-0.63	-1.34	0	0	0	0	0	0
11/1/2023 11:38	43304 WATS_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/1/2023 11:38	43304 WATS_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/1/2023 11:39	65004 NEFF_T2	1	1	0	0.2	0.5	0.3	0	0	0	0	0	0	0	0
11/1/2023 11:39	43301 WATS_T2	1	1	0	0.4	0.3	-0.1	0	0	0	0	0	0	0	0
11/1/2023 11:39	60803 BUCK_T1	0	0	0	0	0	0	-0.88	-0.9	1	1	0	600	600	0
11/1/2023 11:40	43304 WATS_T2	0	0	0	0	0	0	-0.63	-1.34	0	0	0	0	0	0
11/1/2023 11:40	43301 WATS_T2	1	1	0	0.4	0.3	-0.1	-0.6	-0.61	1	1	0	900	900	0
11/1/2023 11:40	28604 BLYT_T2	0	0	0	0	0	0	-1.36	-1.35	0	0	0	0	0	0
11/1/2023 11:41	43001 ALWD_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/1/2023 11:41	60801 BUCK_T1	0	0	0	0	0	0	0.27	0.09	0	0	0	0	0	0
11/1/2023 11:42	52404 GRPA_T2	0	1	1	0	0.1	0.1	0	0	0	0	0	0	0	0
11/1/2023 11:42	60803 BUCK_T1	0	0	0	0	0	0	-0.9	-0.88	1	1	0	600	600	0
11/1/2023 11:44	59301 MCAL_T1	8	2	-6	0.53	1.4	0.87	0	0	0	0	0	0	0	0
11/1/2023 11:45	52401 GRPA_T2	1	1	0	0.3	0.3	0	0	0	0	0	0	0	0	0
11/1/2023 11:45	44502 HAMI_T2	1	1	0	2.2	2.5	0.3	-0.87	-0.86	0	0	0	0	0	0
11/1/2023 11:45	42401 GIMA_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/1/2023 11:45	63601 LETO_T1	5	7	2	0.38	0.33	-0.05	1.48	1.3	1	1	0	900	900	0
11/1/2023 11:45	59301 MCAL_T1	2	2	0	1.1	1.4	0.3	-1.51	-1.51	1	1	0	600	600	0
11/1/2023 11:45	40101 HUNT_T2	38	31	-7	0.44	0.63	0.19	-0.4	-0.36	0	0	0	0	0	0
11/1/2023 11:46	52401 GRPA_T2	1	1	0	0.3	0.3	0	0	0	0	0	0	0	0	0
11/1/2023 11:47	53901 HALI_T2	1	1	0	0.1	0.2	0.1	0	0	0	0	0	0	0	0
11/1/2023 11:47	46602 LACR_T1	0	0	0	0	0	0	-1.13	-1.1	0	0	0	0	0	0
11/1/2023 11:47	40101 HUNT_T2	38	31	-7	0.44	0.63	0.19	-0.2	-0.18	0	0	0	0	0	0
11/1/2023 11:47	59301 MCAL_T1	2	2	0	1.1	1.4	0.3	-4.53	-4.52	3	3	0	1800	1800	0
11/1/2023 11:47	63601 LETO_T1	5	7	2	0.38	0.33	-0.05	1.48	1.3	1	1	0	900	900	0
11/1/2023 11:47	45001 LIME_2	26	29	3	0.35	0.38	0.03	0	0	0	0	0	0	0	0
11/1/2023 11:47	40902 JESH_T1	0	1	1	0	0	0	-1.13	-0.86	2	1	-1	1200	600	-600
11/1/2023 11:49	65004 NEFF_T2	1	1	0	0.2	0.5	0.3	0	0	0	0	0	0	0	0
11/1/2023 11:49	65604 QVIL_T2	0	0	0	0	0	0	0.54	0.55	0	0	0	0	0	0
11/1/2023 11:50	54001 SDLE_T1	7	7	0	0.84	0.94	0.1	0	0	0	0	0	0	0	0
11/1/2023 11:50	67204 TEHI_T2	0	0	0	0	0	0	-0.05	-0.07	0	0	0	0	0	0
11/1/2023 11:51	13901 SEID_T1	0	0	0	0	0	0	0.21	0.22	0	0	0	0	0	0
11/1/2023 11:51	46702 RENO_T1	0	0	0	0	0	0	-0.14	-0.15	0	0	0	0	0	0
11/1/2023 11:51	67203 TEHI_T1	1	0	-1	8.3	0	-8.3	2.73	2.61	1	1	0	600	600	0
11/1/2023 11:51	54001 SDLE_T1	7	7	0	0.84	0.94	0.1	0	0	0	0	0	0	0	0
11/1/2023 11:52	46001 BERW_T1	0	0	0	0	0	0	1.52	1.51	0	0	0	0	0	0
11/1/2023 11:52	54001 SDLE_T1	7	7	0	0.84	0.94	0.1	0	0	0	0	0	0	0	0
11/1/2023 11:52	43001 ALWD_T1	0	1	1	0	0	0	0	0	0	0	0	0	0	0
11/1/2023 11:52	67204 TEHI_T2	0	0	0	0	0	0	-0.05	-0.07	0	0	0	0	0	0
11/1/2023 11:52	65604 QVIL_T2	0	0	0	0	0	0	0.54	0.55	0	0	0	0	0	0
11/1/2023 11:52	15001 BLMO_T1	2	2	0	0.1	0.45	0.35	0	0	0	0	0	0	0	0
11/1/2023 11:53	46001 BERW_T1	0	0	0	0	0	0	1.52

11/1/2023 12:28	40101 HUNT_T2	28	22	-6	0.64	0.2	-0.44	-0.16	-0.17	0	0	0	0	0	0
11/1/2023 12:29	40101 HUNT_T2	28	22	-6	0.64	0.2	-0.44	-0.16	-0.17	0	0	0	0	0	0
11/1/2023 12:30	40101 HUNT_T2	19	9	-10	0.37	0.3	-0.07	-0.16	-0.17	0	0	0	0	0	0
11/1/2023 12:32	40101 HUNT_T2	19	9	-10	0.37	0.3	-0.07	-0.16	-0.17	0	0	0	0	0	0
11/1/2023 12:35	40101 HUNT_T2	19	9	-10	0.37	0.3	-0.07	-0.16	-0.17	0	0	0	0	0	0
11/1/2023 12:36	43302 WATS_T2	4	0	-4	0.18	0	-0.18	0	0	0	0	0	0	0	0
11/1/2023 12:36	43301 WATS_T2	1	1	0	0.6	0.1	-0.5	-0.63	-0.65	1	1	0	900	900	0
11/1/2023 12:37	43302 WATS_T2	4	0	-4	0.18	0	-0.18	0	0	0	0	0	0	0	0
11/1/2023 12:38	43301 WATS_T2	1	1	0	0.6	0.1	-0.5	-0.63	-0.65	1	1	0	900	900	0
11/1/2023 12:38	43301 WATS_T2	1	1	0	0.6	0.1	-0.5	-0.63	-0.65	1	1	0	900	900	0
11/1/2023 12:40	43304 WATS_T2	0	0	0	0	0	0	-0.68	-0.59	0	0	0	0	0	0
11/1/2023 12:40	43304 WATS_T2	0	0	0	0	0	0	-0.68	-0.59	0	0	0	0	0	0
11/1/2023 12:43	44502 HAMI_T2	1	1	0	2.7	2.4	-0.3	-0.88	-0.89	0	0	0	0	0	0
11/1/2023 12:44	55002 NEWP_T1	10	6	-4	0.99	1.45	0.46	-0.22	-0.22	0	0	0	0	0	0
11/1/2023 12:45	63601 LETO_T1	0	0	0	0	0	0	2.23	2.25	0	0	0	0	0	0
11/1/2023 12:48	63602 LETO_T1	1	0	-1	0.5	0	-0.5	0	0	0	0	0	0	0	0
11/1/2023 12:53	28601 BLYT_T2	1	0	-1	0.1	0	-0.1	0	0	0	0	0	0	0	0
11/1/2023 12:53	59101 WALK_T2	1	2	1	0	0.4	0.4	1.91	1.63	1	1	0	600	600	0
11/1/2023 12:54	59102 WALK_T2	0	1	1	0	0.5	0.5	0	0	0	0	0	0	0	0
11/1/2023 13:00	57304 MOAL_T2	3	3	0	0.17	0.1	-0.07	-0.52	-0.53	0	0	0	0	0	0
11/1/2023 13:03	42903 MIDD_T2	0	1	1	0	0.1	0.1	0.2	0.27	1	1	0	1200	1200	0
11/1/2023 13:05	59301 MCAL_T1	0	5	5	0	0.5	0.5	-0.83	-0.81	0	0	0	0	0	0
11/1/2023 13:07	14401 SSLA_T1	1	0	-1	0.6	0	-0.6	0	0	0	0	0	0	0	0
11/1/2023 13:07	22901 HARW_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/1/2023 13:08	65001 NEFF_T2	0	0	0	0	0	0	-0.65	-0.5	1	1	0	1200	1200	0
11/1/2023 13:09	14401 SSLA_T1	1	0	-1	0.6	0	-0.6	0	0	0	0	0	0	0	0
11/1/2023 13:13	22901 HARW_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/1/2023 13:15	26401 INOR_T1	0	0	0	0	0	0	0.64	0.63	0	0	0	0	0	0
11/1/2023 13:16	52403 GRPA_T2	1	3	2	0.2	0.1	-0.1	-0.04	0.2	0	0	0	0	0	0
11/1/2023 13:17	52401 GRPA_T2	0	2	2	0	0.35	0.35	0	0	0	0	0	0	0	0
11/1/2023 13:17	51201 MTON_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/1/2023 13:18	26401 INOR_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/1/2023 13:20	64101 REFR_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/1/2023 13:22	54505 ENOL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/1/2023 13:23	14404 SSLA_T1	0	1	1	0	0.3	0.3	0	0	0	0	0	0	0	0
11/1/2023 13:23	43301 WATS_T2	0	1	1	0	0.2	0.2	0	0	0	0	0	0	0	0
11/1/2023 13:24	14402 SSLA_T1	0	1	1	0	0.3	0.3	0	0	0	0	0	0	0	0
11/1/2023 13:28	26401 INOR_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/1/2023 13:28	22901 HARW_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/1/2023 13:29	65003 NEFF_T2	2	6	4	0.45	0.28	-0.17	0	0	0	0	0	0	0	0
11/1/2023 13:30	23301 JEFF_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/1/2023 13:35	42201 SHEN_T2	0	0	0	0	0	0	0.2	0.15	1	1	0	600	600	0
11/1/2023 13:37	67401 WAKE_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/1/2023 13:38	45402 WILO_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/1/2023 13:38	43301 WATS_T2	0	1	1	0	0.2	0.2	0	0	0	0	0	0	0	0
11/1/2023 13:40	60801 BUCK_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/1/2023 13:42	46003 BERW_T2	1	1	0	1.8	2.1	0.3	0	0	0	0	0	0	0	0
11/1/2023 13:42	60801 BUCK_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/1/2023 13:43	46203 DANV_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/1/2023 13:44	52402 GRPA_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/1/2023 13:44	22901 HARW_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/1/2023 13:44	26401 INOR_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/1/2023 13:44	67502 WEWI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/1/2023 13:45	23301 JEFF_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/1/2023 13:45	52004 LING_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/1/2023 13:46	53902 HALI_T2	2	2	0	0.15	0.3	0.15	0	0	0	0	0	0	0	0
11/1/2023 13:49	51201 MTON_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/1/2023 13:52	14802 TREI_T2	1	5	4	0.1	0.22	0.12	0	0	0	0	0	0	0	0
11/1/2023 13:52	60801 BUCK_T1	0	0	0	0	0	0	0.14	0.11	0	0	0	0	0	0
11/1/2023 13:54	65902 SAKR_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/1/2023 13:54	46206 DANV_T2	0	2	2	0	0.45	0.45	0	0	0	0	0	0	0	0
11/1/2023 13:55	40902 JESH_T1	0	0	0	0	0	0	-0.97	-0.94	1	1	0	600	600	0
11/1/2023 13:57	13901 SEID_T1	0	0	0	0	0	0	0.18	0.2	0	0	0	0	0	0
11/1/2023 14:02	59101 WALK_T2	1	4	3	0	0.43	0.43	2.19	1.28	0	0	0	0	0	0
11/1/2023 14:04	52401 GRPA_T2	2	2	0	0.45	0.65	0.2	-0.5	-0.47	0	0	0	0	0	0
11/1/2023 14:04	26401 INOR_T1	0	0	0	0	0	0	0.88	0.95	0	0	0	0	0	0
11/1/2023 14:06	46903 MNTG_T2	0	13	13	0	0.1	0.1	0.09	0.06	1	1	0	600	600	0
11/1/2023 14:07	64101 REFR_T1	0	0	0	0	0	0	-0.33	-0.29	0	0	0	0	0	0
11/1/2023 14:08	46903 MNTG_T2	0	13	13	0	0.1	0.1	0	0	0	0	0	0	0	0
11/1/2023 14:08	13901 SEID_T1	0	0	0	0	0	0	0.18	0.2	0	0	0	0	0	0
11/1/2023 14:08	43001 ALWD_T1	1	2	1	0.1	0.35	0.25	0	0	0	0	0	0	0	0
11/1/2023 14:08	44302 BEAV_T2	0	4	4	0	0.13	0.13	0	0	0	0	0	0	0	0
11/1/2023 14:08	52403 GRPA_T2	12	11	-1	0.23	0.44	0.21	0.08	0.1	0	0	0	0	0	0
11/1/2023 14:08	44502 HAMI_T2	1	1	0	2.4	2.7	0.3	-0.77	-0.84	0	0	0	0	0	0
11/1/2023 14:08	64101 REFR_T1	0	0	0	0	0	0	-0.16	-0.14	0	0	0	0	0	0
11/1/2023 14:09	44301 BEAV_T2	7	8	1	0.44	0.31	-0.13	-0.22	-0.48	2	2	0	1500	1500	0
11/1/2023 14:10	46001 BERW_T1	0	0	0	0	0	0	1.17	1.09	0	0	0	0	0	0
11/1/2023 14:11	46001 BERW_T1	0	0	0	0	0	0	1.09	1.11	0	0	0	0	0	0
11/1/2023 14:11	44302 BEAV_T2	0	4	4	0	0.13	0.13	0	0	0	0	0	0	0	0
11/1/2023 14:12	64101 REFR_T1	0	0	0	0	0	0	-0.14	-0.11	0	0	0	0	0	0
11/1/2023 14:13	52404 GRPA_T2	0	1	1	0	0.2	0.2	0	0	0	0	0	0	0	0
11/1/2023 14:13	15001 BLMO_T1	2	2	0	0.3	0.6	0.3	0	0	0	0	0	0	0	0
11/1/2023 14:14	46602 LACR_T1	0	1	1	0	0.7	0.7	-0.15	-0.17	0	0	0	0	0	0
11/1/2023 14:14	26401 INOR_T1	0	0	0	0	0	0	0.95	0.8	0	0	0	0	0	0
11/1/2023 14:14	44502 HAMI_T2	1	1	0	2.4	2.7	0.3	-0.84	-0.88	0	0	0	0	0	0
11/1/2023 14:16	52002 LING_T2	1	1	0	0.7	1	0.3	0	0	0	0	0	0	0	0
11/1/2023 14:16	40101 HUNT_T2	0	9	9	0	0.2	0.2	-0.26	-0.2	0	0	0	0	0	0
11/1/2023 14:17	40101 HUNT_T2	0	9	9	0	0.2	0.2	-0.26	-0.2	0	0	0	0	0	0
11/1/2023 14:17	65001 NEFF_T2	0	1	1	0	0.1	0.1	-0.81	-0.73	1	1	0	1200	1200	0
11/1/2023 14:17	45702 LIND_T2	1	1	0	1	1.4	0.4	-0.52	-0.49	0	0	0	0	0	0
11/1/2023 14:18	40902 JESH_T1	0	0	0	0	0	0	-0.97	-0.94	1	1	0	600	600	0
11/1/2023 14:18	64101 REFR_T1	0	0	0	0	0	0	-0.29	-0.22	0	0	0	0	0	0
11/1/2023 14:19	66502 SMAN_T2	4	6	2	0.23	0.23	0	0	0	0	0	0	0	0	0
11/1/2023 14:19	64101 REFR_T1	0	0	0	0	0	0	-0.14	-0.11	0	0	0	0	0	0
11/1/2023 14:19	46302 ROHR_T1	4	4	0	1.05	1.08	0.03	-0.45	-0.45	0	0	0	0	0	0
11/1/2023 14:20	65603 CIVIL_T2	1	1	0	6.3	5.4	-0.9	0	0	0	0	0	0	0	0
11/1/2023 14:21	43304 WATS_T2	0	0	0	0	0	0	-0.26	-0.65	0	0	0	0	0	0
11/1/2023 14:21	59101 WALK_T2	1	4	3	0	0.43	0.43	1.28	1.19	0	0	0	0	0	0
11/1/2023 14:21	46702 RENO_T1	0	0	0	0	0	0	-0.12	-0.12	0	0	0	0	0	0
11/1/2023 14:21	67203 TEHI_T1	0	0	0	0	0	0	2.16	2.34	2	2	0	1500	1500	0
11/1/2023 14:21	58401 MORO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/1/2023 14:21	67201 TEHI_T1	0	0	0	1	0	0	0.43	0.69	1	1	0	900	900	0
11/1/2023 14:21	64101 REFR_T1	0	0	0	0	0	0	-0.29	-0.22	0	0	0	0	0	0
11/1/2023 14:21	46302 ROHR_T1	4	4	0	1.05	1.08	0.03	-0.45	-0.45	0	0	0	0	0	0
11/1/2023 14:22	66504 SMAN_T2	0	0	0	0	0	0	-0.4	-0.27	0	0	0	0	0	0
11/1/2023 14:22	59101 WALK_T2	1	4	3	0	0.43	0.43	1.28	1.19	0	0	0	0	0	0
11/1/2023 14:22	66504 SMAN_T2	0	0	0	0	0	0	-0.4	-0.27	0	0	0	0	0	0
11/1/2023 14:22	64101 REFR_T1	0	0	0	0	0	0	-0.14	-0.11	0	0	0	0	0	0
11/1/2023 14:22	65603 CIVIL_T2	1	1	0	6.3	5.4	-0.9	0	0	0	0	0	0	0	0
11/1/2023 14:22	43301 WATS_T2	0	2	2	0	0.25	0.25	-0.62	-0.62	1	1	0	900	900	0
11/1/2023 14:22	42201 SHEN_T2	0	0	0	0	0	0	0.19	0.2	1	1	0	600	600	0
11/1/2023 14:23	44302 BEAV_T2	0	7	7	0	0.14	0.14	0	0	0	0	0	0	0	0
11/1/2023 14:23	43301 WATS_T2	0	2	2	0	0.25	0.25	-0.62	-0.62	1	1	0	900	900	0
11/1/2023 14:23	43304 WATS_T2	0	0	0	0	0	0	-1.04	-2.62	0	0	0	0	0	0
11/1/2023 14:23	15001 BLMO_T1	2	2	0	0.5	0.6	0.1	0	0	0	0	0	0	0	0
11/1/2023 14:23	64101 REFR_T1	0	0	0	0	0	0	-0.14	-0.11	0	0	0	0	0	0
11/1/2023 14:24	43301 WATS_T2	0	2	2	0	0.25	0.25	-0.62	-0.62	1	1	0	900	900	0
11/1/2023 14:24	13901 SEID_T1	0	0	0	0	0	0	0.2	0.19	0	0	0	0	0	0
11/1/2023 14:24	43001 ALWD_T1	2	3	1	0.35	0.2	-0.15	0	0	0	0	0	0	0	0
11/1/2023 14:26	61303 EARL_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/1/2023 14:26	43301 WATS_T2	0	2	2	0	0.25	0.25	0	0	0	0	0	0	0	0
11/1/2023 14:26	46001 BERW_T1	0	0	0	0	0	0	2.22	2.22	0	0	0	0	0	0
11/1/2023 14:26	60801 BUCK_T1	0	0	0	0	0	0	0.06	0.03	0	0	0	0	0	0
11/1/2023 14:26	15001 BLMO_T1	2	2	0	0.5	0.6	0.1	0	0	0	0	0	0	0	0
11/1/2023 14:27	59301 MCAL_T1	3	7	4	0.4	0.57	0.17	0	0	0	0	0	0	0	0
11/1/2023 14:27	40101 HUNT_T2	0	9	9	0	0.2	0.2	-0.2	-0.11	0	0	0	0	0	0
11/1/2023 14:27	15001 BLMO_T1	2	2	0	0.5	0.6	0.1	0	0	0	0	0	0	0	0
11/1/2023 14:27	44302 BEAV_T2	0	7	7	0	0.14	0.14	0	0	0	0	0	0	0	0
11/1/2023 14:27	57404 SPAN_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/1/2023 14:28	28604 BLYT_T2	0	0	0	0	0	0	-1.35	-1.34	0	0	0	0	0	0
11/1/2023 14:28	15001 BLMO_T1	2	2	0	0.5	0.6	0.1	0	0	0	0	0	0	0	0
11/1/2023 14:29	44502 HAMI_T2	1	1	0	2.7	2.7	0	-0.88	-0.91	0	0	0	0	0	0
11/1/2023 14:30	46602 LACR_T1	1	1	0	0.7	0	-0.7	-0.17	-0.19	0	0	0	0	0	0
11/1/2023 14:30	28602 BLYT_T2	0	1	1	0	0.1	0.1	0	0	0	0	0	0	0	0
11/1/2023 14:30	26401 INOR_T1	0	1	1	0	0.1	0.1	0.8	0.66	0	0	0	0	0	0
11/1/2023 14:33	52501 PROG_T1	2	0	-2	0.35	0	-0.35	0.3	0.27	1	1	0	300	300	0
11/1/2023 14:33	45702 LIND_T2	1	1	0	1.4	1.5	0.1	-0.49	-0.52	0	0	0	0	0	0
11/1/2023 14:33	65003 NEFF_T2	6	6	0	0.25	0.35	0.1	0	0	0	0	0	0	0	0
11/1/2023 14:34	13105 NHAM_T2	0	0	0	0	0	0	-0.31	-0.32	1	1	0	1200	1200	0
11/1/2023 14:35	52501 PROG_T1	2	0	-2	0.35	0	-0.35	0.3	0.27	1	1	0	300	300	0
11/1/2023 14:35	14802 TREI_T2	5	14	9	0.24	0.27	0.03	0.29	0.28	0	0	0	0	0	0
11/1/2023 14:35	46302 ROHR_T1	4	4	0	1.05	1.28	0.23	-0.45	-0.46	0	0	0	0	0	0
11/1/2023 14:35	56603 HAMP_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/1/2023 14:35	52502 PROG_T2	0	0	0	0	0	0	0.26	0.26	0	0	0	0	0	0
11/1/2023 14:35	42201 SHEN_T2	0	0	0	0	0	0	0.2	0.24	1	1	0	600	600	0
11/1/2023 14:36	65603 CIVIL_T2	1	1	0	6.1	5.4	-0.7	0	0	0	0	0	0	0	0
11/1/2023 14:36	43301 WATS_T2	1	1	0	0.3	0.2	-0.1	0	0	0	0	0	0	0	0
11/1/2023 14:36	54505 ENOL_T2	1	1	0	1.1	1.1	0	0	0	0	0	0	0	0	0
11/1/2023 14:36	52503 PROG_T2	0	1	1	0	0.1	0.1	0	0	0	0	0	0	0	0
11/1/2023 14:37	67203 TEHI_T1	0	0	0	0	0	0	2.34	1.96	2	2	0	1500	1500	0
11/1/2023 14:37	54501 ENOL_T2	0	0	0	0	0	0	0.11	0.1	0	0	0	0	0	0
11/1/2023 14:37	47401 PENS_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/1/2023 14:37	66503 SMAN_T2	0	5	5	0	0.1	0.1	0	0	0	0	0	0	0	0
11/1/2023 14:37	44302 BEAV_T2	4	9	5	0.13	0.21	0.08	0	0	0	0	0	0	0	0
11/1/2023 14:37	14802 TREI_T2	5	14	9	0.24	0.27	0.03	0.29	0.28	0	0	0	0	0	0
11/1/2023 14:37	15001 BLMO_T1	2	2	0	0.6	0.4	-0.2	0	0	0	0	0	0	0	0
11/1/2023 14:37	55101 WERT_T1	0	0	0	0	0	0	-1.99	-2.24	4	4	0	3000	3000	0
11/1/2023 14:37	54206 PENN_T2	0	0	0	0	0	0	-0.03	0	0	0	0	0	0	0
11/1/2023 14:37	43304 WATS_T2	0	0	0	0	0	0	-0.65	-0.6	0	0	0	0	0	0
11/1/2023 14:37	54502 ENOL_T2	1	0	-1	2.7	0	-2.7	0	0	0	0	0	0	0	0
11/1/2023 14:37	46702 RENO_T1	0	0	0	0	0	0	-0.12	-0.14	0	0	0	0	0	0
11/1/2023 14:37	43302 WATS_T2	1	4	3	0.1	0.15	0.05	0	0	0	0	0	0	0	0
11/1/2023 14:37	46302 ROHR_T1	4	4	0	1.05	1.28	0.23	-0.45	-0.46	0	0	0	0	0	0
11/1/2023 14:37	65604 CIVIL_T2	0	0	0	0	0	0	0.54	0.56	0	0	0	0	0	0
11/1/2023 14:38	54502 ENOL_T2	1	0	-1	2.7	0	-2.7	-1.39	-1.39	0	0	0	0	0	0
11/1/2023 14:38	43302 WATS_T2	1	4	3	0.1	0.15	0.05	0	0	0	0	0	0	0	0
11/1/2023 14:38	55101 WERT_T1	0	0	0	0	0	0	-0.99	-1.12	2	2	0	1500	1500	0
11/1/2023 14:38	28602 BLYT_T2	0	1	1	0	0.1	0.1	0	0	0	0	0	0	0	0
11/1/2023 14:38	54501 ENOL_T2	0	0	0	0	0	0	0.11	0.1	0	1	1	0	600	600
11/1/2023 14:38	50701 SMEC_T1	1	0	-1	0.2	0	-0.2	0.05	0.14	0	0	0	0	0	0
11/1/2023 14:38	42201 SHEN_T2	0	0	0	0	0	0	0.2	0.24	1	1	0	600	600	0
11/1/2023 14:38	66501 SMAN_T2	0	2	2	0	0.35	0.35	0	0	0	0	0	0	0	0
11/1/2023 14:39	15001 BLMO_T1	2	2	0	0.6	0.4	-0.2	0	0	0	0	0	0	0	0
11/1/2023 14:39	43301 WATS_T2	1	1	0	0.3	0.2	-0.1	-0.62	-0.62	1	1	0	900	900	0
11/1/2023 14:39	43304 WATS_T2	0	0	0	0	0	0	-2.62	-2.4	0	0	0	0	0	0
11/1/2023 14:39	54502 ENOL_T2	1	0	-1	2.7	0	-2.7	-1.39	-1.39	0	0	0	0	0	0
11/1/2023 14:39	43001 ALWD_T1	0	11	11	0	0.14	0.14	0	0	0	0	0	0	0	0
11/1/2023 14:40	43301 WATS_T2	1	1	0	0.3	0.2	-0.1	-0.62	-0.62	1	1	0	900	900	0
11/1/2023 14:40	67401 WAKE_T2	3	6	3	0.27	0.18	-0.09	-1.12	-1.12	0	0	0	0	0	0
11/1/2023

Appendix C - Grid Benefits Achieved in Each Instance of Active Management

11/1/2023 15:11	65001 NEFF_T2	0	0	0	0	0	0	-0.69	-0.82	1	1	0	1200	1200	0
11/1/2023 15:11	41502 FAIR_T2	0	0	0	0	0	0	-1.65	-1.66	1	1	0	900	900	0
11/1/2023 15:13	52404 GRPA_T2	1	1	0	0.1	0.2	0.1	0	0	0	0	0	0	0	0
11/1/2023 15:13	45501 DERR_T2	0	1	-1	0	0	0	0	0	0	0	0	0	0	0
11/1/2023 15:14	52403 GRPA_T2	12	7	-5	0.42	0.31	-0.11	0	0	0	0	0	0	0	0
11/1/2023 15:15	46504 LOHA_T1	2	2	0	0.7	0.8	0.1	0	0	0	0	0	0	0	0
11/1/2023 15:15	52402 GRPA_T2	7	5	-2	1.17	1.5	0.33	0	0	0	0	0	0	0	0
11/1/2023 15:16	13105 NHAM_T2	0	0	0	0	0	0	-0.31	-0.29	1	1	0	1200	1200	0
11/1/2023 15:17	26401 INOR_T1	0	31	31	0	0.16	0.16	0.66	0.31	0	0	0	0	0	0
11/1/2023 15:18	47101 MARL_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/1/2023 15:19	47401 PENS_T1	0	0	0	0	0	0	0.84	0.81	0	0	0	0	0	0
11/1/2023 15:20	47401 PENS_T1	0	0	0	0	0	0	0.84	0.81	0	0	0	0	0	0
11/1/2023 15:21	47401 PENS_T1	0	0	0	0	0	0	0.84	0.81	0	0	0	0	0	0
11/1/2023 15:22	59102 WALK_T2	4	0	-4	0.4	0	-0.4	0	0	0	0	0	0	0	0
11/1/2023 15:22	56603 HAMP_T1	0	4	4	0	0.1	0.1	0	0	0	0	0	0	0	0
11/1/2023 15:24	43304 WATS_T2	0	1	1	0	0	0	-0.48	-0.36	0	0	0	0	0	0
11/1/2023 15:25	44802 EDAN_T2	0	0	0	0	0	0	-0.86	-0.87	0	0	0	0	0	0
11/1/2023 15:25	59102 WALK_T2	4	0	-4	0.4	0	-0.4	0	0	0	0	0	0	0	0
11/1/2023 15:25	57404 SPAN_T2	0	0	0	0	0	0	-0.23	-0.25	1	1	0	1200	1200	0
11/1/2023 15:27	44801 EDAN_T2	1	1	0	0.1	0	-0.1	0	0	0	0	0	0	0	0
11/1/2023 15:29	61302 EARL_T1	0	1	1	0	0.6	0.6	0	0	0	0	0	0	0	0
11/1/2023 15:30	61303 EARL_T1	0	0	0	0	0	0	0.29	0.18	0	0	0	0	0	0
11/1/2023 15:33	40101 HUNT_T2	81	236	155	0.42	0.44	0.02	0.08	0	0	0	0	0	0	0
11/1/2023 15:34	61202 REIN_T1	50	58	8	0.38	0.52	0.14	0	0	0	0	0	0	0	0
11/1/2023 15:35	47401 PENS_T1	0	0	0	0	0	0	2.42	2.66	0	0	0	0	0	0
11/1/2023 15:37	47403 PENS_T1	7	1	-6	0.41	2.1	1.69	0	0	0	0	0	0	0	0
11/1/2023 15:38	43304 WATS_T2	0	1	1	0	0	0	-0.36	-0.21	0	0	0	0	0	0
11/1/2023 15:41	43304 WATS_T2	0	1	1	0	0	0	-0.21	-0.55	0	0	0	0	0	0
11/1/2023 15:41	41501 FAIR_T2	0	0	0	0	0	0	-1.61	-1.65	1	1	0	600	600	0
11/1/2023 15:42	41502 FAIR_T2	0	0	0	0	0	0	-1.66	-1.66	1	1	0	900	900	0
11/1/2023 15:47	40902 JESH_T1	0	0	0	0	0	0	-0.77	-0.71	0	0	0	0	0	0
11/1/2023 15:52	65003 NEFF_T2	5	13	8	0.18	0.19	0.01	0	0	0	0	0	0	0	0
11/1/2023 16:00	45502 DERR_T2	4	1	-3	0.78	0	-0.78	0	0	0	0	0	0	0	0
11/1/2023 16:05	55002 NEWP_T1	8	6	-2	0.64	0.92	0.28	-0.25	-0.21	0	0	0	0	0	0
11/1/2023 16:07	65001 NEFF_T2	0	3	3	0	0.1	0.1	-0.87	-0.94	1	1	0	1200	1200	0
11/1/2023 16:12	45502 DERR_T2	4	1	-3	0.78	0	-0.78	0	0	0	0	0	0	0	0
11/1/2023 16:15	47901 HRDG_T1	0	0	0	0	0	0	1.16	1.12	0	0	0	0	0	0
11/1/2023 16:17	47101 MARL_T1	0	1	1	0	0	0	-1.58	-1.58	1	1	0	600	600	0
11/1/2023 16:19	47101 MARL_T1	0	1	1	0	0	0	-3.16	-3.16	2	2	0	1200	1200	0
11/1/2023 16:20	55002 NEWP_T1	6	6	0	0.73	0.87	0.14	-0.21	-0.21	0	0	0	0	0	0
11/1/2023 16:20	47901 HRDG_T1	0	0	0	0	0	0	1.16	1.12	0	0	0	0	0	0
11/1/2023 16:20	54001 SDLE_T1	6	5	-1	0.72	0.68	-0.04	0	0	0	0	0	0	0	0
11/1/2023 16:21	59102 WALK_T2	0	1	1	0	0.5	0.5	0	0	0	0	0	0	0	0
11/1/2023 16:22	54001 SDLE_T1	6	5	-1	0.72	0.68	-0.04	0	0	0	0	0	0	0	0
11/1/2023 16:23	59102 WALK_T2	0	1	1	0	0.5	0.5	0	0	0	0	0	0	0	0
11/1/2023 16:23	54001 SDLE_T1	6	5	-1	0.72	0.68	-0.04	0	0	0	0	0	0	0	0
11/1/2023 16:28	46203 DANV_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/1/2023 16:30	47901 HRDG_T1	0	0	0	0	0	0	2.25	2.19	0	0	0	0	0	0
11/1/2023 16:43	59301 MCAL_T1	3	5	2	1.03	0.9	-0.13	-1.12	-1.11	0	0	0	0	0	0
11/1/2023 16:50	55002 NEWP_T1	6	4	-2	0.62	1	0.38	-0.24	-0.23	0	0	0	0	0	0
11/1/2023 16:51	59102 WALK_T2	1	0	-1	0.5	0	-0.5	0	0	0	0	0	0	0	0
11/1/2023 16:57	66901 SHIL_T2	0	162	162	0	0.21	0.21	-1.79	-1.79	0	1	1	0	1200	1200
11/1/2023 16:59	45501 DERR_T2	0	0	0	0	0	0	1	0.96	4	4	0	3600	3600	0
11/1/2023 17:16	52404 GRPA_T2	1	3	2	1.3	0.4	-0.9	0	0	0	0	0	0	0	0
11/1/2023 17:26	61202 REIN_T1	60	60	0	0.79	0.77	-0.02	0	0	0	0	0	0	0	0
11/1/2023 17:37	65003 NEFF_T2	4	4	0	0.3	0.1	-0.2	0	0	0	0	0	0	0	0
11/1/2023 17:57	65001 NEFF_T2	0	0	0	0	0	0	-0.84	-0.94	1	1	0	1200	1200	0
11/1/2023 18:27	65003 NEFF_T2	3	3	0	0.1	0.13	0.03	0	0	0	0	0	0	0	0
11/1/2023 18:42	65001 NEFF_T2	0	0	0	0	0	0	-0.97	-0.9	1	1	0	1200	1200	0
11/1/2023 19:01	26401 INOR_T1	0	1	1	0	0	0	0	0	0	0	0	0	0	0
11/1/2023 19:03	13302 ORVI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/1/2023 19:06	23301 JEFF_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/1/2023 19:06	52004 LING_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/1/2023 19:08	40602 PIGR_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/1/2023 19:08	21601 EYNO_T1	1	1	0	1.4	0	-1.4	0	0	0	0	0	0	0	0
11/1/2023 19:08	67001 STHI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/1/2023 19:09	67502 WEWI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/1/2023 19:09	60801 BUCK_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/1/2023 19:09	56504 ROCK_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/1/2023 19:09	60201 ATGL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/1/2023 19:10	56802 BENV_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/1/2023 19:10	58401 MORO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/1/2023 19:10	55002 NEWP_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/1/2023 19:10	47101 MARL_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/1/2023 19:10	46203 DANV_T2	12	9	-3	0.21	0.18	-0.03	0	0	0	0	0	0	0	0
11/1/2023 19:11	56802 BENV_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/1/2023 19:11	55002 NEWP_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/1/2023 19:11	53501 EVIL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/1/2023 19:12	46004 BERW_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/1/2023 19:13	45802 HEGI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/1/2023 19:14	45501 DERR_T2	0	1	1	0	0	0	0	0	0	0	0	0	0	0
11/1/2023 19:14	52402 GRPA_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/1/2023 19:14	54701 NEBL_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/1/2023 19:14	56802 BENV_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/1/2023 19:14	47101 MARL_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/1/2023 19:14	57403 SPAN_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/1/2023 19:14	54505 ENOL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/1/2023 19:14	64101 REFR_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/1/2023 19:14	55101 WERT_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/1/2023 19:15	47403 PENS_T1	6	10	4	0.15	0.14	-0.01	0	0	0	0	0	0	0	0
11/1/2023 19:15	43304 WATS_T2	0	1	1	0	0	0	0	0	0	0	0	0	0	0
11/1/2023 19:15	46203 DANV_T2	6	8	2	0.22	0.21	-0.01	0	0	0	0	0	0	0	0
11/1/2023 19:15	52501 PROG_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/1/2023 19:16	57403 SPAN_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/1/2023 19:17	59102 WALK_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/1/2023 19:17	56802 BENV_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/1/2023 19:18	40602 PIGR_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/1/2023 19:18	67001 STHI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/1/2023 19:18	57403 SPAN_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/1/2023 19:19	45402 WBLO_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/1/2023 19:19	67401 WAKE_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/1/2023 19:19	65902 SAKR_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/1/2023 19:19	53903 HALI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/1/2023 19:19	53501 EVIL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/1/2023 19:19	44203 POIN_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/1/2023 19:20	43304 WATS_T2	0	1	1	0	0	0	0	0	0	0	0	0	0	0
11/1/2023 19:20	43301 WATS_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/1/2023 19:20	61303 EARL_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/1/2023 19:20	52402 GRPA_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/1/2023 19:21	22901 HARW_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/1/2023 19:21	60801 BUCK_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/1/2023 19:21	57403 SPAN_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/1/2023 19:28	51201 MTON_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/1/2023 19:49	13606 RICH_T2	1	0	-1	0.9	0	-0.9	0.85	0.86	0	0	0	0	0	0
11/1/2023 19:57	45501 DERR_T2	1	2	1	0.2	0.2	0	0.88	0.95	2	2	0	1800	1800	0
11/1/2023 19:58	12701 MACU_T1	3	0	-3	0.2	0	-0.2	0.09	0.14	0	0	0	0	0	0
11/1/2023 20:03	66503 SMAN_T2	0	4	4	0	0.13	0.13	0	0	0	0	0	0	0	0
11/1/2023 20:03	16302 ALPA_T2	0	0	0	0	0	0	0.61	0.6	0	0	0	0	0	0
11/1/2023 20:03	26401 INOR_T1	0	2	2	0	0	0	0.41	0.42	0	0	0	0	0	0
11/1/2023 20:03	56802 BENV_T2	1	2	1	0.8	0.55	-0.25	-1.36	-1.4	0	0	0	0	0	0
11/1/2023 20:03	61303 EARL_T1	0	0	0	0	0	0	0.08	0.09	0	0	0	0	0	0
11/1/2023 20:04	29402 BELT_T1	1	1	0	7.4	8.4	1	0	0	0	0	0	0	0	0
11/1/2023 20:04	64702 LITI_T2	0	0	0	0	0	0	-0.71	-0.83	0	0	0	0	0	0
11/1/2023 20:04	39601 LNFD_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/1/2023 20:04	16302 ALPA_T2	0	0	0	0	0	0	0.61	0.6	0	0	0	0	0	0
11/1/2023 20:04	15001 BLMO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/1/2023 20:05	46301 ROHR_T1	1	0	-1	0.1	0	-0.1	0	0	0	0	0	0	0	0
11/1/2023 20:05	64203 KINZ_T1	0	0	0	0	0	0	0.26	0.25	0	0	0	0	0	0
11/1/2023 20:05	29401 BELT_T1	0	51	51	0	0.28	0.28	0	0	0	0	0	0	0	0
11/1/2023 20:05	67002 STHI_T2	0	0	0	0	0	0	0.61	0.59	0	0	0	0	0	0
11/1/2023 20:05	56601 HAMP_T1	250	312	62	0.27	0.28	0.01	0	0	0	0	0	0	0	0
11/1/2023 20:06	64201 KINZ_T1	1	2	1	0.6	1	0.4	0.17	0.22	2	2	0	600	600	0
11/1/2023 20:06	47104 MARL_T1	16	0	-16	0.21	0.24	0.03	0	0	0	0	0	0	0	0
11/1/2023 20:07	42601 TUSC_T1	0	0	0	0	0	0	-0.37	-0.32	2	2	0	1800	1800	0
11/1/2023 20:07	20401 ASHF_T2	1	1	0	0	0	0	0	0	0	0	0	0	0	0
11/1/2023 20:07	65604 QVIL_T2	0	0	0	0	0	0	0.37	0.37	0	0	0	0	0	0
11/1/2023 20:07	52502 PROG_T2	0	0	0	0	0	0	0.37	0.41	0	0	0	0	0	0
11/1/2023 20:07	61801 EEU_T2	3	4	1	1.03	0.88	-0.15	-0.99	-0.97	1	1	0	600	600	0
11/1/2023 20:08	43201 MVIL_T2	0	0	0	0	0	0	-0.35	-0.41	0	0	0	0	0	0
11/1/2023 20:08	56801 BENV_T1	9	17	8	0.42	0.54	0.12	-0.65	-0.64	1	1	0	600	600	0
11/1/2023 20:08	44302 BEAV_T2	2	4	2	0.15	0.15	0	0	0	0	0	0	0	0	0
11/1/2023 20:08	47403 PENS_T1	1	1	0	0.1	2.4	2.3	0	0	0	0	0	0	0	0
11/1/2023 20:08	57401 SPAN_T1	2	2	0	0.85	0.85	0	-1.36	-1.52	2	2	0	1200	1200	0
11/1/2023 20:08	60803 BUCK_T1	0	0	0	0	0	0	-0.77	-0.76	1	1	0	600	600	0
11/1/2023 20:08	67001 STHI_T2	1	3	2	0.4	0.2	-0.2	0.11	0.11	0	0	0	0	0	0
11/1/2023 20:09	60501 NMAN_T2	3	3	0	4.27	4.53	0.26	0	0	0	0	0	0	0	0
11/1/2023 20:09	64101 REFR_T1	0	0	0	0	0	0	-0.03	-0.04	0	0	0	0	0	0
11/1/2023 20:09	40101 HUNT_T2	144	145	1	0.55	0.55	0	-0.57	-0.56	0	0	0	0	0	0
11/1/2023 20:09	29401 BELT_T1	0	51	51	0	0.28	0.28	0	0	0	1	1	0	900	900
11/1/2023 20:09	53903 HALI_T2	2	2	0	1.2	1.3	0.1	-0.13	-0.12	0	0	0	0	0	0
11/1/2023 20:09	56501 ROCK_T2	56	125	69	0.18	0.21	0.03	-1.5	-1.4	0	0	0	0	0	0
11/1/2023 20:09	46203 DANV_T2	3	5	2	0.13	0.2	0.07	-2.51	-2.55	0	0	0	0	0	0
11/1/2023 20:09	15001 BLMO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/1/2023 20:10	29401 BELT_T1	0	51	51	0	0.28	0.28	0	0	0	1	1	0	900	900
11/1/2023 20:10	43301 WATS_T2	0	0	0	0	0	0	-0.62	-0.62	1	1	0	900	900	0
11/1/2023 20:10	64101 REFR_T1	0	0	0	0	0	0	-0.03	-0.04	0	0	0	0	0	0
11/1/2023 20:10	46901 MNTG_T2	0	0	0	0	0	0	0.24	0.12	1	1	0	1200	1200	0
11/1/2023 20:10	41902 REED_T1	19	13	-6	0.86	0.68	-0.18	0	0	0	0	0	0	0	0
11/1/2023 20:10	42803 SELI_T1	0	1	1	0	2.1	2.1	0	0	0	0	0	0	0	0
11/1/2023 20:10	13704 SCHN_T2	0	0	0	0	0	0	-0.32	-0.32	0	0	0	0	0	0
11/1/2023 20:10	15001 BLMO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/1/2023 20:10	43001 ALWD_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/1/2023 20:10	28604 BLYT_T2	0	0	0	0	0	0	-1.25	-1.26	0	0	0	0	0	0
11/1/2023 20:10	43402 BENT_T1	0	0	0	0	0	0	-0.95	-0.96	1	1	0	900	900	0
11/1/2023 20:11	13704 SCHN_T2	0	0	0	0	0	0	-0.32	-0.25	0	0	0	0	0	0
11/1/2023 20:11	43304 WATS_T2	0	0	0	0	0	0	-0.65	-0.66	0	0	0	0	0	0
11/1/2023 20:11	46602 LACR_T1	0	0	0	0	0	0	-0.09	-0.06	0	0	0	0	0	0
11/1/2023 20:11	56802 BENV_T2	1	2	1	0.8	0.55	-0.25	-2.8	-2.62	0	0	0	0	0	0
11/1/2023 20:11	56603 HAMP_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/1/2023 20:11	44302 BEAV_T2	2	4	2	0.15	0.15	0	0	0	0	0	0	0	0	0
11/1/2023 20:12	42803 SELI_T1	0	1	1	0	2.1	2.1	0	0	0	0	0	0	0	0
11/1/2023 20:12	43304 WATS_T2	0	0	0	0	0	0	-0.65	-0.66	0	0	0	0	0	0
11/1/2023 20:12	65604 QVIL_T2	0	0	0	0	0	0	0.37	0.37	0	0	0	0	0	0
11/1/2023 20:12	50701 SMIC_T1	0	0	0	0	0	0	0.14	0.12	0	0	0	0	0	0
11/1/2023 20:12	52501 PROG_T1	0	0	0	0	0	0	0.25	0.26	1	1	0	300	300	0
11/1/2023 20:13	64802 MONE_T2	110	136	26	0.48	0.29	-0.19	-0.01	-0.01	0	0	0	0	0	0
11/1/2023 20:13	46801 HEPB_T2	0	0	0	0	0	0	0.61	0.62	0	0	0	0	0	0
11/1/2023 20:13	53501 EVIL_T2	0	1	1	0	0.1	0.1	-0.83	-0.81	1	1	0	600	600	0
11/1/2023 20:13	15001 BLMO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/1/2023 20:13	67203 TEHI_T1	0	0	0	0	0	0	2.39	2.4	2	2	0	1500	1500	0
11/1/2023 20:13	62604 ENGL_T1	0	0	0	0	0	0	-0.52	-0.51	1	1	0	600	600	0
11/1/2023 20:14	44301 BEAV_T2	0	0	0	0	0	0	-0.23	-0.2	1	1	0	600	600	0
11/1/2023 20:14	52501 PROG_T1	0	0	0

Appendix C - Grid Benefits Achieved in Each Instance of Active Management

11/2/2023 0:28	54505 ENOL_T2	1	1	0	0.2	0.5	0.3	0	0	0	0	0	0	0	0
11/2/2023 0:28	59302 MCAL_T1	1	1	0	0.7	0.9	0.2	0.34	0.31	0	0	0	0	0	0
11/2/2023 0:28	61202 REIN_T1	61	61	0	1.27	1.42	0.15	0	0	0	0	0	0	0	0
11/2/2023 0:28	58401 MORO_T1	0	0	0	0	0	0	-5.7	-5.7	5	5	0	3000	3000	0
11/2/2023 0:28	47901 HRDG_T1	0	0	0	0	0	0	2.63	2.48	0	0	0	0	0	0
11/2/2023 0:28	66703 STRA_T1	0	0	0	0	0	0	-0.38	-0.38	0	0	0	0	0	0
11/2/2023 0:28	67503 WEWI_T2	0	0	0	0	0	0	-0.5	-0.51	0	0	0	0	0	0
11/2/2023 0:28	43001 ALWD_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/2/2023 0:28	60803 BUCK_T1	0	0	0	0	0	0	-1.6	-1.61	1	1	0	600	600	0
11/2/2023 0:28	53902 HALI_T2	0	0	0	0	0	0	-0.87	-0.87	0	0	0	0	0	0
11/2/2023 0:28	44302 BEAV_T2	155	175	20	0.41	0.44	0.03	0	0	0	0	0	0	0	0
11/2/2023 0:28	41902 REED_T1	0	0	0	0	0	0	2.43	2.37	0	0	0	0	0	0
11/2/2023 0:28	59202 THOM_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/2/2023 0:28	57401 SPAN_T1	0	0	0	0	0	0	-2.7	-2.73	3	3	0	1800	1800	0
11/2/2023 0:28	56504 ROCK_T2	0	0	0	0	0	0	-0.96	-0.98	0	0	0	0	0	0
11/2/2023 0:28	12701 MACU_T1	0	0	0	0	0	0	0.2	0.2	0	0	0	0	0	0
11/2/2023 0:28	15103 UPHA_T2	0	0	0	0	0	0	0.3	0.29	0	0	0	0	0	0
11/2/2023 0:28	53501 EVIL_T2	2	2	0	0.1	0.25	0.15	-1.02	-0.96	0	0	0	0	0	0
11/2/2023 0:28	14801 TREI_T2	0	0	0	0	0	0	0.32	0.31	0	0	0	0	0	0
11/2/2023 0:28	66504 SMAN_T2	0	0	0	0	0	0	-1.22	-1.2	0	0	0	0	0	0
11/2/2023 0:28	41801 GOCI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/2/2023 0:28	46504 LOHA_T1	2	2	0	0.2	0.2	0	0	0	0	0	0	0	0	0
11/2/2023 0:28	67502 WEWI_T2	0	0	0	0	0	0	-6.04	-6	4	4	0	3600	3600	0
11/2/2023 0:28	63802 HEMP_T1	0	0	0	0	0	0	-0.61	-0.61	0	0	0	0	0	0
11/2/2023 0:28	49803 UNIV_T1	0	0	0	0	0	0	-2.6	-2.6	0	0	0	0	0	0
11/2/2023 0:28	47101 MARL_T1	0	0	0	0	0	0	-3.1	-3.12	2	2	0	1200	1200	0
11/2/2023 0:28	56501 ROCK_T2	1	0	-1	0.1	0	-0.1	-1.54	-1.53	0	0	0	0	0	0
11/2/2023 0:28	56801 BENV_T1	18	19	1	0.59	1.01	0.42	-4.56	-4.44	6	6	0	3600	3600	0
11/2/2023 0:28	43301 WATS_T2	0	0	0	0	0	0	-1.33	-1.36	2	2	0	1800	1800	0
11/2/2023 0:28	54701 NEBL_T1	0	0	0	0	0	0	0	0	1	1	0	600	600	0
11/2/2023 0:28	67605 WARW_T1	0	0	0	0	0	0	-1.15	-1.17	0	0	0	0	0	0
11/2/2023 0:28	61303 EARL_T1	0	0	0	0	0	0	-0.05	-0.05	0	0	0	0	0	0
11/2/2023 0:28	42903 MIDD_T2	11	11	0	0.61	0.61	0	0	0	0	0	0	0	0	0
11/2/2023 0:28	44802 EDAN_T2	0	0	0	0	0	0	-4.48	-4.52	2	2	0	2400	2400	0
11/2/2023 0:28	55101 WERT_T1	0	0	0	0	0	0	-7.83	-7.67	10	10	0	7500	7500	0
11/2/2023 0:28	60101 COCA_T1	0	0	0	0	0	0	0.48	0.54	0	0	0	0	0	0
11/2/2023 0:28	52403 GRPA_T2	0	0	0	0	0	0	-0.36	-0.45	0	0	0	0	0	0
11/2/2023 0:28	13105 NHAM_T2	0	0	0	0	0	0	-0.34	-0.35	1	1	0	1200	1200	0
11/2/2023 0:28	42201 SHEN_T2	0	0	0	0	0	0	0.07	0.09	1	1	0	600	600	0
11/2/2023 0:28	52004 LING_T2	1	1	0	0.2	0.2	0	0.21	0.22	0	0	0	0	0	0
11/2/2023 0:28	46702 RENO_T1	0	0	0	0	0	0	-0.17	-0.17	0	0	0	0	0	0
11/2/2023 0:28	42002 MNVL_T2	1	1	0	4.2	3.8	-0.4	0	0	0	0	0	0	0	0
11/2/2023 0:28	45802 HEGI_T2	0	0	0	0	0	0	0.02	0.39	0	0	0	0	0	0
11/2/2023 0:28	14801 TREI_T2	0	0	0	0	0	0	0.32	0.31	0	0	0	0	0	0
11/2/2023 0:28	67401 WAKE_T2	0	0	0	0	0	0	-0.9	-0.89	0	0	0	0	0	0
11/2/2023 0:28	61801 EELI_T2	2	2	0	0.75	1.05	0.3	-1.96	-2	2	2	0	1200	1200	0
11/2/2023 0:28	57403 SPAN_T1	0	0	0	0	0	0	0.18	0.24	0	0	0	0	0	0
11/2/2023 0:28	42601 TUSC_T1	0	0	0	0	0	0	0	-0.63	2	2	0	1800	1800	0
11/2/2023 0:28	65902 SAKR_T2	0	0	0	0	0	0	0	0	1	1	0	300	300	0
11/2/2023 0:28	47401 PENS_T1	0	0	0	0	0	0	3.01	3.06	0	0	0	0	0	0
11/2/2023 0:28	13302 ORVI_T2	0	0	0	0	0	0	0.88	0.92	0	0	0	0	0	0
11/2/2023 0:28	55002 NEWP_T1	1	1	0	0.2	0.3	0.1	-0.5	-0.5	0	0	0	0	0	0
11/2/2023 0:28	46001 BERW_T1	0	0	0	0	0	0	2.52	2.31	0	0	0	0	0	0
11/2/2023 0:28	44203 POIN_T2	0	0	0	0	0	0	0.14	0.19	1	1	0	900	900	0
11/2/2023 0:28	64101 REFR_T1	0	0	0	0	0	0	0.4	0.18	0	0	0	0	0	0
11/2/2023 0:28	45501 DERR_T2	0	0	0	0	0	0	1.52	2.58	16	16	0	14400	14400	0
11/2/2023 0:28	64702 LITI_T2	0	0	0	0	0	0	-0.7	-0.84	0	0	0	0	0	0
11/2/2023 0:28	67002 STHI_T2	0	0	0	0	0	0	1.47	1.56	0	0	0	0	0	0
11/2/2023 0:28	59101 WALK_T2	1	1	0	0	0	0	1.84	1.61	2	2	0	900	900	0
11/2/2023 0:28	44502 HAMI_T2	1	4	0	3.2	3.2	0	-0.96	-0.96	0	0	0	0	0	0
11/2/2023 0:28	57402 SPAN_T2	0	0	0	0	0	0	-1.22	-1.23	0	0	0	0	0	0
11/2/2023 0:28	28403 HART_T2	0	0	0	0	0	0	-1.46	-1.32	2	2	0	1800	1800	0
11/2/2023 0:28	20403 ASHF_T2	0	0	0	0	0	0	0.17	0.17	0	0	0	0	0	0
11/2/2023 0:28	60801 BUCK_T1	0	0	0	0	0	0	-0.25	-0.28	0	0	0	0	0	0
11/2/2023 0:28	45502 DERR_T2	0	0	0	0	0	0	-0.58	-0.61	0	0	0	0	0	0
11/2/2023 0:28	16301 ALPA_T1	1	2	1	0.5	0.35	-0.15	-1.38	-1.44	0	0	0	0	0	0
11/2/2023 0:28	58302 NOTT_T1	0	0	0	0	0	0	-0.45	-0.45	1	1	0	1200	1200	0
11/2/2023 0:28	15001 BLMO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/2/2023 0:28	47001 HUGH_T2	0	0	0	0	0	0	-0.8	-0.8	0	0	0	0	0	0
11/2/2023 0:28	64802 MONE_T2	0	0	0	0	0	0	-0.01	-0.01	0	0	0	0	0	0
11/2/2023 0:28	43304 WATS_T2	0	0	0	0	0	0	-2.96	-2.67	0	0	0	0	0	0
11/2/2023 0:28	56802 BENV_T2	0	0	0	0	0	0	-8.7	-9	0	0	0	0	0	0
11/2/2023 0:28	45702 LIND_T2	0	1	1	0	0.3	0.3	-0.41	-0.43	0	0	0	0	0	0
11/2/2023 0:28	57304 MOAL_T2	0	0	0	0	0	0	-0.43	-0.37	0	0	0	0	0	0
11/2/2023 0:28	59301 MCAL_T1	26	52	26	0.29	0.28	-0.01	-2.4	-2.38	0	0	0	0	0	0
11/2/2023 0:28	60902 DONG_T2	0	0	0	0	0	0	0.92	0.88	0	0	0	0	0	0
11/2/2023 0:28	45402 WILO_T2	0	0	0	0	0	0	-0.8	-0.77	0	0	0	0	0	0
11/2/2023 0:28	28601 BLYT_T2	0	1	1	0	0	0	0	0	0	0	0	0	0	0
11/2/2023 0:28	17802 GILB_T1	0	0	0	0	0	0	-0.1	-0.11	0	0	0	0	0	0
11/2/2023 0:28	10805 CHNI_T2	1	1	0	7.5	7.7	0.2	-1.04	-1.06	1	1	0	600	600	0
11/2/2023 0:28	54001 SDLE_T1	2	4	2	0.5	0.53	0.03	0	0	3	3	0	1800	1800	0
11/2/2023 0:28	40902 JESH_T1	0	0	0	0	0	0	-1.5	-1.5	1	1	0	600	600	0
11/2/2023 0:28	46302 ROHR_T1	3	4	1	0.63	0.88	0.25	-0.44	-0.44	0	0	0	0	0	0
11/2/2023 0:28	42801 SELI_T1	1	1	0	0	0	0	0	0	0	0	0	0	0	0
11/2/2023 0:28	29402 BELT_T1	1	1	0	8.2	8.4	0.2	0	0	0	0	0	0	0	0
11/2/2023 0:28	53601 DALM_T2	1	1	0	1	1.1	0.1	0.06	0.05	0	0	0	0	0	0
11/2/2023 0:28	44601 SALE_T2	0	0	0	0	0	0	-0.2	-0.26	0	0	0	0	0	0
11/2/2023 0:28	16302 ALPA_T2	0	0	0	0	0	0	1.16	1.26	0	0	0	0	0	0
11/2/2023 0:28	58401 MORO_T1	0	0	0	0	0	0	-5.7	-5.7	5	5	0	3000	3000	0
11/2/2023 0:28	65001 NEFF_T2	0	1	1	0	0.1	0.1	-1.28	-1.32	1	1	0	1200	1200	0
11/2/2023 0:28	41502 FAIR_T2	0	0	0	0	0	0	-1.7	-1.72	1	1	0	900	900	0
11/2/2023 0:28	40101 HUNT_T2	0	1	1	0	0	0	-1.84	-1.84	0	0	0	0	0	0
11/2/2023 0:28	46903 MNTG_T2	0	0	0	0	0	0	-0.22	-0.23	1	1	0	600	600	0
11/2/2023 0:28	62604 ENGL_T1	0	0	0	0	0	0	-1.95	-1.74	3	3	0	1800	1800	0
11/2/2023 0:28	42701 AUGU_T1	1	1	0	0.8	0.9	0.1	0	0	4	4	0	3600	3600	0
11/2/2023 0:28	43202 MVIL_T2	0	0	0	0	0	0	-1.34	-1.38	0	0	0	0	0	0
11/2/2023 0:29	16301 ALPA_T1	1	2	1	0.5	0.35	-0.15	-0.46	-0.48	0	0	0	0	0	0
11/2/2023 0:35	41801 GOCI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/2/2023 0:35	61202 REIN_T1	61	61	0	1.25	1.49	0.24	0	0	0	0	0	0	0	0
11/2/2023 0:41	61202 REIN_T1	61	61	0	1.25	1.49	0.24	0	0	0	0	0	0	0	0
11/2/2023 0:45	40101 HUNT_T2	1	1	0	0.3	0	-0.3	-0.46	-0.42	0	0	0	0	0	0
11/2/2023 0:58	58401 MORO_T1	0	0	0	0	0	0	-1.13	-1.14	1	1	0	600	600	0
11/2/2023 1:02	61202 REIN_T1	61	61	0	1.47	1.34	-0.13	0	0	0	0	0	0	0	0
11/2/2023 1:05	52502 PROG_T2	0	0	0	0	0	0	-0.59	-0.61	1	1	0	900	900	0
11/2/2023 1:07	65001 NEFF_T2	0	0	0	0	0	0	-1.23	-1.3	1	1	0	1200	1200	0
11/2/2023 1:46	42801 SELI_T1	1	1	0	0	0	0	0	0	0	0	0	0	0	0
11/2/2023 2:15	61202 REIN_T1	61	61	0	1.33	1.2	-0.13	0	0	0	0	0	0	0	0
11/2/2023 3:02	61202 REIN_T1	61	61	0	1.05	1.3	0.25	0	0	0	0	0	0	0	0
11/2/2023 3:32	61202 REIN_T1	61	61	0	1.09	1.09	0	0	0	0	0	0	0	0	0
11/2/2023 5:42	65001 NEFF_T2	0	0	0	0	0	0	-1.03	-1.01	1	1	0	1200	1200	0
11/2/2023 5:47	61202 REIN_T1	40	41	1	0.25	0.29	0.04	0	0	0	0	0	0	0	0
11/2/2023 6:53	46204 DANV_T2	44	63	19	0.38	0.34	-0.04	0	0	0	0	0	0	0	0
11/2/2023 6:56	65001 NEFF_T2	0	0	0	0	0	0	-0.69	-0.64	1	1	0	1200	1200	0
11/2/2023 7:19	54701 NEBL_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/2/2023 7:22	61202 REIN_T1	53	54	1	0.52	0.6	0.08	0	0	0	0	0	0	0	0
11/2/2023 7:27	65001 NEFF_T2	0	0	0	0	0	0	-0.61	-0.68	1	1	0	1200	1200	0
11/2/2023 7:40	46203 DANV_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/2/2023 7:54	43402 BENT_T1	15	15	0	0.35	0.36	0.01	-1.42	-1.38	2	2	0	1500	1500	0
11/2/2023 7:54	45502 DERR_T2	34	73	39	0.34	0.3	-0.04	0	0	0	0	0	0	0	0
11/2/2023 7:56	45501 DERR_T2	9	15	6	0.37	0.37	0	0.98	0.96	2	2	0	1800	1800	0
11/2/2023 7:59	44505 HAMI_T2	1	0	-1	0.6	0	-0.6	0	0	0	0	0	0	0	0
11/2/2023 8:01	40101 HUNT_T2	358	403	45	0.86	0.8	-0.06	-0.32	-0.37	0	0	0	0	0	0
11/2/2023 8:06	65901 SAKR_T2	1	1	0	7	7.9	0.9	0	0	0	0	0	0	0	0
11/2/2023 8:06	64101 REFR_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/2/2023 8:08	29401 BELT_T1	76	121	45	0.4	0.41	0.01	0	0	0	0	0	0	0	0
11/2/2023 8:12	61202 REIN_T1	22	30	8	0.25	0.27	0.02	0	0	0	0	0	0	0	0
11/2/2023 8:12	52404 GRPA_T2	0	0	0	0	0	0	-0.17	-0.19	0	0	0	0	0	0
11/2/2023 8:12	42902 MIDD_T2	0	0	0	0	0	0	-0.22	-0.25	1	1	0	600	600	0
11/2/2023 8:13	42902 MIDD_T2	0	0	0	0	0	0	-0.22	-0.25	1	1	0	600	600	0
11/2/2023 8:17	52403 GRPA_T2	0	1	1	0	0.1	0.1	0	0	0	0	0	0	0	0
11/2/2023 8:17	54701 NEBL_T1	0	0	0	0	0	0	0	0	1	1	0	600	600	0
11/2/2023 8:17	52404 GRPA_T2	0	0	0	0	0	0	-0.17	-0.19	0	0	0	0	0	0
11/2/2023 8:27	65001 NEFF_T2	0	1	1	0	0	0	-0.54	-0.36	1	1	0	1200	1200	0
11/2/2023 8:28	43402 BENT_T1	15	6	-9	0.59	0.2	-0.39	-1.37	-1.37	2	2	0	1500	1500	0
11/2/2023 8:29	49803 UNIV_T1	0	0	0	0	0	0	-0.95	-0.98	0	0	0	0	0	0
11/2/2023 8:29	43402 BENT_T1	15	6	-9	0.59	0.2	-0.39	-1.37	-1.37	2	2	0	1500	1500	0
11/2/2023 8:33	55002 NEWP_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/2/2023 8:35	55002 NEWP_T1	3	6	3	0.33	0.5	0.17	-0.19	-0.17	0	0	0	0	0	0
11/2/2023 8:35	44203 POIN_T2	1	1	0	0.3	0	-0.3	0	0	0	0	0	0	0	0
11/2/2023 8:39	53601 DALM_T2	4	2	-2	0.23	0.85	0.62	-0.24	-0.25	1	1	0	900	900	0
11/2/2023 8:39	56802 BENV_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/2/2023 8:39	46203 DANV_T2	0	0	0	0	0	0	-2.39	-2.43	0	0	0	0	0	0
11/2/2023 8:40	56802 BENV_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/2/2023 8:40	26401 INOR_T1	0	1	1	0	0	0	0	0	0	0	0	0	0	0
11/2/2023 8:45	56802 BENV_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/2/2023 8:54	55002 NEWP_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/2/2023 8:55	55002 NEWP_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/2/2023 8:56	29401 BELT_T1	115	123	8	0.42	0.4	-0.02	0	0	1	1	0	900	900	0
11/2/2023 8:57	29402 BELT_T1	3	5	2	3	1.94	-1.06	0	0	0	0	0	0	0	0
11/2/2023 8:59	43304 WATS_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/2/2023 8:59	57403 SPAN_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/2/2023 9:00	53102 WTWN_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/2/2023 9:01	51201 MTON_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/2/2023 9:03	64101 REFR_T1	0	0	0	0	0	0	-0.03	-0.03	0	0	0	0	0	0
11/2/2023 9:04	53501 EVIL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/2/2023 9:04	64101 REFR_T1	0	0	0	0	0	0	-0.03	-0.03	0	0	0	0	0	0
11/2/2023 9:05	64101 REFR_T1	0	0	0	0	0	0	-0.03	-0.03	0	0	0	0	0	0
11/2/2023 9:06	53501 EVIL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/2/2023 9:06	64101 REFR_T1	0	0	0	0	0	0	-0.08	-0.08	0	0	0	0	0	0
11/2/2023 9:16	58402 MORO_T1	0	0	0	0	0	0	-1.97	-1.91	3	3	0	2400	2400	0
11/2/2023 9:19	58402 MORO_T1	0	0	0	0	0	0	-3.94	-3.82	6	6	0	4800	4800	0
11/2/2023 9:22	65001 NEFF_T2	0	0	0	0	0	0	-0.47	-0.63	1	1	0	1200	1200	0
11/2/2023 9:23	26401 INOR_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/2/2023 9:28	43402 BENT_T1	0	1	1	0	0	0	-1.38	-1.29	2	2	0	1500	1500	0
11/2/2023 9:29	57403 SPAN_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/2/2023 9:29	43402 BENT_T1	0	1	1	0	0	0	-1.38	-1.29	2	2	0	1500	1500	0
11/2/2023 9:29	40101 HUNT_T2	302	353	51	0.8	0.65	-0.15	-0.28	-0.3	0	0	0	0	0	0
11/2/2023 9:31	42002 MNVL_T2	1	1	0	5.5	5.5	0	0	0	0	0	0	0	0	0
11/2/2023 9:32	55002 NEWP_T1	7	7	0	0.84	1.1	0.26	-0.19	-0.19	0	0	0	0	0	0
11/2/2023 9:32	44203 POIN_T2	1	1	0	0.7	0.4	-0.3	0.1	0.11	2	2	0	2100	2100	0
11/2/2023 9:35	57401 SPAN_T1	21	152	131	0.19	0.37	0.18	-2.12	-2.08	2	2	0	1200	1200	0
11/2/2023 9:35	55002 NEWP_T1	7	7	0	0.84	1.1	0.26	-0.19	-0.19	0	0	0	0	0	0
11/2/2023 9:35	12205 FOGE_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/2/2023 9:37	57401 SPAN_T1	21	152	131	0.19	0.37	0.18	-1.06	-1.04	1	1	0	600	600	0
11/2/2023 9:37	43304 WATS_T2	0	0	0	0	0	0	0	-0.11	0	0	0	0	0	0
11/2/2023 9:37	56501 ROCK_T2	71	132	61	0.16	0.2	0.04	-1.43	-1.45	0	0	0	0	0	0
11/2/2023 9:37	42201 SHEN_T2	0	0	0	0	0	0	0	0.21	1	1	0	600	600	0
11/2/2023 9:38	10801 CHNI_T1	0	1	1	0	1	1	-0.7	-0.73	1	1	0	900	900	0
11/2/2023 9:38	57401 SPAN_T1	21	152	131	0.19	0.37	0.18	-1.06	-1.04	1	1	0	600	600	0
11/2/2023 9:38	43304 WATS_T2	0	0	0	0	0	0	-0.31	-0.23	0	0	0	0	0	0
11/2/

Appendix C - Grid Benefits Achieved in Each Instance of Active Management

11/2/2023 10:00	62604 ENGL_T1	0	0	0	0	0	0	-0.44	-0.43	1	1	0	600	600	0
11/2/2023 10:00	20402 ASHF_T2	1	1	0	0.1	0.4	0.3	0	0	0	0	0	0	0	0
11/2/2023 10:00	52501 PROG_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/2/2023 10:00	43304 WATS_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/2/2023 10:00	20401 ASHF_T2	0	0	0	0	0	0	-0.37	-0.33	1	1	0	600	600	0
11/2/2023 10:00	52401 GRPA_T2	0	1	1	0	0.5	0.5	0	0	0	0	0	0	0	0
11/2/2023 10:00	67604 WARW_T1	0	0	0	0	0	0	0.68	0.73	0	0	0	0	0	0
11/2/2023 10:00	64801 MONE_T2	0	0	0	0	0	0	-0.01	-0.01	0	0	0	0	0	0
11/2/2023 10:00	44502 HAMI_T2	1	1	0	2.1	2.1	0	-0.74	-0.84	0	0	0	0	0	0
11/2/2023 10:00	47101 MARL_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/2/2023 10:00	52502 PROG_T2	0	1	1	0	0.1	0.1	0	0	0	0	0	0	0	0
11/2/2023 10:00	67502 WEWI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/2/2023 10:00	12604 MACA_T1	0	0	0	0	0	0	0.44	0.39	0	0	0	0	0	0
11/2/2023 10:00	53102 WTWN_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/2/2023 10:00	43304 WATS_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/2/2023 10:00	65902 SAKR_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/2/2023 10:00	12205 FOGE_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/2/2023 10:00	40602 PIGR_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/2/2023 10:00	56601 HAMP_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/2/2023 10:00	26401 INOR_T1	0	2	2	0	0.1	0.1	0	0	0	0	0	0	0	0
11/2/2023 10:00	54701 NEBL_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/2/2023 10:00	40902 JESH_T1	0	0	0	0	0	0	-0.53	-0.55	1	1	0	600	600	0
11/2/2023 10:00	45802 HEGI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/2/2023 10:00	42701 AUGU_T1	0	0	0	0	0	0	0	0	4	4	0	3600	3600	0
11/2/2023 10:00	53903 HALI_T2	2	2	0	1.2	1.45	0.25	-0.11	-0.09	0	0	0	0	0	0
11/2/2023 10:00	56802 BENV_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/2/2023 10:00	53501 EVIL_T2	9	9	0	0.48	0.71	0.23	-3.79	-3.56	9	9	0	6300	6300	0
11/2/2023 10:02	57401 SPAN_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/2/2023 10:02	46203 DANV_T2	1	0	-1	0.1	0	-0.1	0	0	0	0	0	0	0	0
11/2/2023 10:02	60201 ATGL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/2/2023 10:02	46004 BERW_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/2/2023 10:03	53101 WTWN_T1	1	0	-1	0.2	0	-0.2	0	0	1	0	0	0	0	0
11/2/2023 10:05	59101 WALK_T2	2	2	0	0.4	0.2	-0.2	1.81	1.96	1	1	0	450	450	0
11/2/2023 10:06	21606 EYNO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/2/2023 10:06	66302 MCGO_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/2/2023 10:08	42902 MIDD_T2	1	2	1	0.1	0.3	0.2	-0.18	-0.28	1	1	0	600	600	0
11/2/2023 10:08	42002 MNVL_T2	1	1	0	5.5	5.5	0	0	0	0	0	0	0	0	0
11/2/2023 10:08	43202 MVIL_T2	1	0	-1	0.3	0	-0.3	-0.56	-0.58	0	0	0	0	0	0
11/2/2023 10:08	43202 MVIL_T2	1	0	-1	0.3	0	-0.3	-0.56	-0.58	0	0	0	0	0	0
11/2/2023 10:09	54701 NEBL_T1	0	3	3	0	0.27	0.27	0	0	1	1	0	600	600	0
11/2/2023 10:09	65001 NEFF_T2	0	1	1	0	0.1	0.1	-0.52	-0.5	1	1	0	1200	1200	0
11/2/2023 10:09	42903 MIDD_T2	2	2	0	0.15	0.2	0.05	0	0	0	0	0	0	0	0
11/2/2023 10:09	60504 NMAN_T2	2	2	0	0.2	0.35	0.15	0	0	0	0	0	0	0	0
11/2/2023 10:09	55002 NEWP_T1	7	7	0	0.96	1.09	0.13	-0.2	-0.17	0	0	0	0	0	0
11/2/2023 10:10	54001 SDLE_T1	5	6	1	0.7	0.7	0	0	0	0	0	0	0	0	0
11/2/2023 10:10	46302 ROHR_T1	1	2	1	0.7	1.55	0.85	-0.39	-0.42	0	0	0	0	0	0
11/2/2023 10:10	41901 REED_T1	9	10	1	0.44	0.53	0.09	-1.37	-1.37	1	1	0	900	900	0
11/2/2023 10:11	42801 SELI_T1	1	1	0	0	0	0	0	0	0	0	0	0	0	0
11/2/2023 10:11	46302 ROHR_T1	1	2	1	0.7	1.55	0.85	-0.42	-0.43	0	0	0	0	0	0
11/2/2023 10:11	58402 MORO_T1	0	0	0	0	0	0	-0.99	-1.02	2	2	0	1500	1500	0
11/2/2023 10:11	50701 SMEC_T1	1	3	2	0.1	0.27	0.17	0.17	0.18	0	0	0	0	0	0
11/2/2023 10:11	66505 SMAN_T2	2	2	0	0.25	0.2	-0.05	0.02	0.01	2	2	0	1100	1100	0
11/2/2023 10:12	67502 WEWI_T2	0	1	1	0	0.6	0.6	-0.2	-0.16	0	0	0	0	0	0
11/2/2023 10:12	57404 SPAN_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/2/2023 10:12	42801 SELI_T1	1	1	0	0	0	0	0	0	0	0	0	0	0	0
11/2/2023 10:12	57403 SPAN_T1	32	46	14	0.39	0.38	-0.01	0	0	0	0	0	0	0	0
11/2/2023 10:12	54701 NEBL_T1	0	3	3	0	0.27	0.27	0	0	1	1	0	600	600	0
11/2/2023 10:12	50701 SMEC_T1	1	3	2	0.1	0.27	0.17	0.17	0.18	0	0	0	0	0	0
11/2/2023 10:13	66703 STRA_T1	1	13	12	0.1	0.38	0.28	-0.05	-0.12	0	0	0	0	0	0
11/2/2023 10:13	56803 BENV_T1	3	2	-1	0.27	1.05	0.78	0	0	0	0	0	0	0	0
11/2/2023 10:13	43202 MVIL_T2	1	0	-1	0.3	0	-0.3	-0.58	-0.58	0	0	0	0	0	0
11/2/2023 10:13	46702 RENO_T1	0	0	0	0	0	0	-0.13	-0.14	0	0	0	0	0	0
11/2/2023 10:14	15001 BLMO_T1	0	1	1	0	0.1	0.1	0	0	0	0	0	0	0	0
11/2/2023 10:14	57402 SPAN_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/2/2023 10:14	28604 BLYT_T2	0	0	0	0	0	0	-1.32	-1.33	0	0	0	0	0	0
11/2/2023 10:14	56801 BENV_T1	21	37	16	0.94	0.59	-0.35	-0.69	-0.68	1	1	0	600	600	0
11/2/2023 10:14	57403 SPAN_T1	32	46	14	0.39	0.38	-0.01	0	0	0	0	0	0	0	0
11/2/2023 10:14	67204 TEHI_T2	0	0	0	0	0	0	0.04	0	0	0	0	0	0	0
11/2/2023 10:14	56802 BENV_T2	13	27	14	0.24	0.23	-0.01	-1.28	-0.59	0	0	0	0	0	0
11/2/2023 10:14	29401 BELT_T1	154	163	9	0.52	0.48	-0.04	0	0	0	0	0	0	0	0
11/2/2023 10:14	43304 WATS_T2	0	0	0	0	0	0	-0.12	-0.2	0	0	0	0	0	0
11/2/2023 10:14	43001 ALWD_T1	0	1	1	0	0.3	0.3	0	0	0	0	0	0	0	0
11/2/2023 10:14	56501 ROCK_T2	6	36	30	0.55	0.18	-0.37	-1.48	-1.49	0	0	0	0	0	0
11/2/2023 10:14	54001 SDLE_T1	5	6	1	0.7	0.7	0	0	0	0	0	0	0	0	0
11/2/2023 10:14	49803 UNIV_T1	0	0	0	0	0	0	-1.02	-1.01	0	0	0	0	0	0
11/2/2023 10:15	56803 BENV_T1	2	3	1	0.65	1.13	0.48	0	0	0	0	0	0	0	0
11/2/2023 10:15	67203 TEHI_T1	0	0	0	0	0	0	2.55	2.5	2	2	0	1500	1500	0
11/2/2023 10:15	56802 BENV_T2	26	12	-14	0.23	0.28	0.05	-1.28	-0.59	0	0	0	0	0	0
11/2/2023 10:15	43301 WATS_T2	1	1	0	0.1	0.1	0	0	0	0	0	0	0	0	0
11/2/2023 10:15	29401 BELT_T1	155	141	-14	0.49	0.42	-0.07	0	0	2	2	0	1800	1800	0
11/2/2023 10:15	29401 BELT_T1	155	141	-14	0.49	0.42	-0.07	0	0	2	2	0	1800	1800	0
11/2/2023 10:15	20403 ASHF_T2	4	3	-1	0.25	0.3	0.05	1.13	1.21	0	0	0	0	0	0
11/2/2023 10:15	57403 SPAN_T1	29	58	29	0.28	0.37	0.09	0	0	0	0	0	0	0	0
11/2/2023 10:16	45502 DERR_T2	2	2	0	0.7	0.7	0	0	0	0	0	0	0	0	0
11/2/2023 10:16	29401 BELT_T1	155	141	-14	0.49	0.42	-0.07	0	0	1	1	0	900	900	0
11/2/2023 10:16	67502 WEWI_T2	1	1	0	0.5	0.6	0.1	-0.2	-0.16	0	0	0	0	0	0
11/2/2023 10:16	15001 BLMO_T1	1	2	1	0.1	0.3	0.2	0	0	0	0	0	0	0	0
11/2/2023 10:17	56802 BENV_T2	26	12	-14	0.23	0.28	0.05	-2.56	-1.18	0	0	0	0	0	0
11/2/2023 10:17	45501 DERR_T2	1	5	4	0.8	0.55	-0.25	0	0	0	0	0	0	0	0
11/2/2023 10:18	43304 WATS_T2	0	1	1	0	0	0	-0.12	-0.2	0	0	0	0	0	0
11/2/2023 10:18	45502 DERR_T2	2	2	0	0.7	0.7	0	0	0	0	0	0	0	0	0
11/2/2023 10:18	56801 BENV_T1	34	45	11	0.54	0.61	0.07	-0.69	-0.68	1	1	0	600	600	0
11/2/2023 10:18	43001 ALWD_T1	1	1	0	0.2	0.5	0.3	0	0	0	0	0	0	0	0
11/2/2023 10:18	53903 HALI_T2	2	3	1	1.2	1.13	-0.07	-0.09	-0.08	0	0	0	0	0	0
11/2/2023 10:18	15001 BLMO_T1	1	2	1	0.1	0.3	0.2	0	0	0	0	0	0	0	0
11/2/2023 10:18	29402 BELT_T1	36	7	-29	0.47	1.64	1.17	0	0	0	0	0	0	0	0
11/2/2023 10:18	56802 BENV_T2	26	12	-14	0.23	0.28	0.05	-2.56	-1.18	0	0	0	0	0	0
11/2/2023 10:19	56803 BENV_T1	2	3	1	0.65	1.13	0.48	0	0	0	0	0	0	0	0
11/2/2023 10:19	53601 DALM_T2	1	1	0	0.8	1	0.2	-0.32	-0.29	1	1	0	900	900	0
11/2/2023 10:19	46204 DANV_T2	0	1	1	0	0	0	0	0	0	0	0	0	0	0
11/2/2023 10:19	45502 DERR_T2	2	2	0	0.7	0.7	0	0	0	0	0	0	0	0	0
11/2/2023 10:19	28403 HART_T2	0	0	0	0	0	0	-0.62	-0.64	1	1	0	900	900	0
11/2/2023 10:19	40101 HUNT_T2	96	119	23	0.52	0.47	-0.05	-0.26	-0.27	0	0	0	0	0	0
11/2/2023 10:20	52403 GRPA_T2	4	6	2	0.23	0.4	0.17	0.07	0.09	0	0	0	0	0	0
11/2/2023 10:20	22901 HARW_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/2/2023 10:20	61803 EEU_T2	1	1	0	0.5	0.6	0.1	0	0	0	0	0	0	0	0
11/2/2023 10:20	26401 INOR_T1	1	1	0	0.3	0.1	-0.2	0.84	0.91	0	0	0	0	0	0
11/2/2023 10:21	41801 GOCI_T2	1	1	0	0.6	0.5	-0.1	0	0	0	0	0	0	0	0
11/2/2023 10:21	45802 HEGI_T2	0	0	0	0	0	0	0.41	0.75	1	1	0	900	900	0
11/2/2023 10:21	47101 MARL_T1	0	0	0	0	0	0	-2.15	-2.12	1	1	0	600	600	0
11/2/2023 10:22	40101 HUNT_T2	96	119	23	0.52	0.47	-0.05	-0.26	-0.27	0	0	0	0	0	0
11/2/2023 10:22	46602 LACR_T1	0	0	0	0	0	0	-0.12	-0.12	0	0	0	0	0	0
11/2/2023 10:23	58402 MORO_T1	0	0	0	0	0	0	-0.99	-1.02	2	2	0	1500	1500	0
11/2/2023 10:23	47101 MARL_T1	0	0	0	0	0	0	-2.15	-2.12	1	1	0	600	600	0
11/2/2023 10:24	58401 MORO_T1	1	1	0	0.1	0.2	0.1	0	0	0	0	0	0	0	0
11/2/2023 10:25	52402 GRPA_T2	5	9	4	1.02	0.96	-0.06	0	0	0	0	0	0	0	0
11/2/2023 10:25	47101 MARL_T1	0	0	0	0	0	0	-2.15	-2.12	1	1	0	600	600	0
11/2/2023 10:25	13701 SCHN_T2	1	2	1	0.1	0.2	0.1	0	0	0	0	0	0	0	0
11/2/2023 10:25	51201 MTON_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/2/2023 10:25	12701 MACU_T1	0	0	0	0	0	0	0.12	0.13	0	0	0	0	0	0
11/2/2023 10:26	66501 SMAN_T2	2	2	0	0.15	0.8	0.65	0	0	0	0	0	0	0	0
11/2/2023 10:26	56504 ROCK_T2	0	1	1	0	0.1	0.1	0	0	0	0	0	0	0	0
11/2/2023 10:27	13701 SCHN_T2	1	2	1	0.1	0.2	0.1	0	0	0	0	0	0	0	0
11/2/2023 10:28	67502 WEWI_T2	1	1	0	0.5	0.6	0.1	-0.16	-0.11	0	0	0	0	0	0
11/2/2023 10:28	65903 SAKR_T2	1	0	-1	8	0	-8	0	0	0	0	0	0	0	0
11/2/2023 10:29	43402 BENT_T1	0	0	0	0	0	0	-1.33	-1.35	2	2	0	1500	1500	0
11/2/2023 10:29	67201 TEHI_T1	0	0	0	0	0	0	0.48	0.4	2	2	0	1500	1500	0
11/2/2023 10:30	28604 BLYT_T2	0	0	0	0	0	0	-1.33	-1.34	0	0	0	0	0	0
11/2/2023 10:30	14403 SSLA_T1	0	1	1	0	0.1	0.1	0.98	0.95	0	0	0	0	0	0
11/2/2023 10:30	16302 ALPA_T2	0	1	1	0	0.1	0.1	2.96	2.9	0	0	0	0	0	0
11/2/2023 10:30	25801 SUTR_T2	0	0	0	0	0	0	0.08	0.06	0	0	0	0	0	0
11/2/2023 10:30	10801 CHHI_T1	0	1	1	0	0.4	0.4	-0.61	-0.68	1	1	0	900	900	0
11/2/2023 10:31	67502 WEWI_T2	1	1	0	0.6	0.8	0.2	-0.16	-0.11	0	0	0	0	0	0
11/2/2023 10:31	43402 BENT_T1	0	2	2	0	0.5	0.5	-1.33	-1.35	2	2	0	1500	1500	0
11/2/2023 10:31	56802 BENV_T2	12	2	-10	0.28	0.5	0.22	-1.18	-1.12	0	0	0	0	0	0
11/2/2023 10:32	67503 WEWI_T2	0	0	0	0	0	0	-0.44	-0.42	0	0	0	0	0	0
11/2/2023 10:32	67503 WEWI_T2	0	0	0	0	0	0	-0.44	-0.42	0	0	0	0	0	0
11/2/2023 10:32	56802 BENV_T2	12	2	-10	0.28	0.5	0.22	-0.59	-0.56	0	0	0	0	0	0
11/2/2023 10:33	61303 EARL_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/2/2023 10:33	46801 HEPB_T2	2	2	0	0.6	0.4	-0.2	0.62	0.6	0	0	0	0	0	0
11/2/2023 10:33	56802 BENV_T2	12	2	-10	0.28	0.5	0.22	-0.59	-0.56	0	0	0	0	0	0
11/2/2023 10:34	56802 BENV_T2	12	2	-10	0.28	0.5	0.22	-0.59	-0.56	0	0	0	0	0	0
11/2/2023 10:35	64202 KINZ_T1	3	3	0	0.5	0.67	0.17	0	0	0	0	0	0	0	0
11/2/2023 10:35	12701 MACU_T1	0	0	0	0	0	0	0.13	0.1	0	0	0	0	0	0
11/2/2023 10:36	46506 LOHA_T1	1	2	1	0.2	0.55	0.35	0	0	0	0	0	0	0	0
11/2/2023 10:36	12701 MACU_T1	0	0	0	0	0	0	0.13	0.1	0	0	0	0	0	0
11/2/2023 10:37	64202 KINZ_T1	3	3	0	0.5	0.67	0.17	0	0	0	0	0	0	0	0
11/2/2023 10:38	52004 LING_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/2/2023 10:39	42902 MIDD_T2	2	4	2	0.15	0.33	0.18	-0.23	-0.22	1	1	0	600	600	0
11/2/2023 10:41	42902 MIDD_T2	2	4	2	0.15	0.33	0.18	-0.22	-0.27	1	1	0	600	600	0
11/2/2023 10:41	59201 THOM_T1	1	1	0	0.5	0.4	-0.1	0	0	0	0	0	0	0	0
11/2/2023 10:42	57401 SPAN_T1	226	276	50	0.37	0.33	-0.04	-0.93	-1	1	1	0	600	600	0
11/2/2023 10:42	59101 WALK_T2	2	3	1	0.2	0.65	0.45	1.7	1.9	1	1	0	450	450	0
11/2/2023 10:42	43304 WATS_T2	0	1	1	0	0	0	0	0	0	0	0	0	0	0
11/2/2023 10:42	13701 SCHN_T2	1	3	2	0.3	0.2	-0.1	0	0	0	0	0	0	0	0
11/2/2023 10:44	57401 SPAN_T1	226	276	50	0.37	0.33	-0.04	-0.93	-1	1	1	0	600	600	0
11/2/2023 10:45	60803 BUCK_T1	0	1	1	0	0.3	0.3	-0.84	-0.87	1	1	0	600	600	0
11/2/2023 10:45	43304 WATS_T2	1	0	-1	0.9	0	-0.9	0	0	0	0	0	0	0	0
11/2/2023 10:45	43304 WATS_T2	1	0	-1	0.9	0	-0.9	0	0	0	0	0	0	0	0
11/2/2023 10:46	15001 BLMO_T1	2	2	0	0.3	0.25	-0.05	0	0	0	0	0	0	0	0
11/2/2023 10:47	60803 BUCK_T1	0	1	1	0	0.3	0.3	-0.84	-0.87	1	1	0	600	600	0
11/2/2023 10:47	43304 WATS_T2	1	0	-1	0.9	0	-0.9	0	0	0	0	0	0	0	0
11/2/2023 10:48	43304 WATS_T2	1	0	-1	0.9	0	-0.9	0	0	0	0	0	0	0	0
11/2/2023 10:48	43301 WATS_T2	1	1	0	0.1	0.2	0.1	0	0	0	0	0	0	0	0
11/2/2023 10:51	40101 HUNT_T2	27	8	-19	0.49	0.48	-0.01	-0.64	-0.68	0	0	0	0	0	0
11/2/2023 10:54	47101 MARL_T1	0	5	5	0	0	0	-2.14	-1.25	1	1	0	600	600	0
11/2/2023 10:56	47101 MARL_T1	0	5	5	0	0	0	-1.25	-1.16	1	1	0	600	600	0
11/2/2023 10:57	52502 PROG_T2	1	0	-1	0.2	0	-0.2	-0.6	-0.61	1	1	0	900	900	0
11/2/2023 10:57	49803 UNIV_T1	0	0	0	0	0	0	-1.05	-0.97	0	0	0	0	0	0
11/2/2023 10:57	41901 REED_T1	10	10	0	0.53	0.48	-0.05	0	0	0	0	0	0	0	0
11/2/2023 10:57	44401 SALE_T2	0	0	0	0	0	0	2.39	2.41	2	2	0	1200	1200	0
11/2/2023 10:58	57403 SPAN_T1	51	80	29	0.36	0.3	-0.06	0.17	0.14	0	0	0	0	0	0
11/2/2023 10:58	41902 REED_T1	0	0	0	0	0	0	0.26	0.21	1	1	0	900	900	0
11/2/2023 10:59	55105 WERT_T1	1	2	1	0.3	0.2	-0.1	-0.57	-0.56	1	1	0	900	900	0
11/2/2023 11:00	43001 ALWD_T1	6	14	8	0.23	0.24	0.01	0	0	0	0	0	0	0	0
11/2/2023 11:00	57401 SPAN_T1	177	78	-99	0.26	0.24	-0.02	-1	-0.39	1	0	-1	600	0	-600
11/2/2023 11:00	59101 WALK_T2	1	2	1	0	0.2	0.2	1.9	2.23	1	1	0	450	450	0
11/2/2023 11:00	43304 WATS_T2	0	0	0	0	0	0	-0.22	-0.25	0	0	0	0	0	0
11/2/2023 11:00	60201 ATGL_T2	0	0	0	0	0	0	0

Appendix C - Grid Benefits Achieved in Each Instance of Active Management

11/2/2023 11:22	12402 MILF_T1	1	1	0	1	1.3	0.3	0	0	0	0	0	0	0	0
11/2/2023 11:23	46506 LOHA_T1	3	3	0	0.53	0.67	0.14	-0.35	-0.38	0	0	0	0	0	0
11/2/2023 11:23	46506 LOHA_T1	3	3	0	0.53	0.67	0.14	-0.35	-0.38	0	0	0	0	0	0
11/2/2023 11:23	60504 NHAN_T2	2	3	1	0.45	0.67	0.22	0	0	0	0	0	0	0	0
11/2/2023 11:23	13105 NHAM_T2	0	0	0	0	0	0	-0.27	-0.26	1	1	0	1200	1200	0
11/2/2023 11:24	65003 NEFF_T2	6	7	1	0.22	0.29	0.07	0	0	0	0	0	0	0	0
11/2/2023 11:24	58402 MORO_T1	0	1	1	0	0	0	-1.06	-1.05	2	2	0	1500	1500	0
11/2/2023 11:25	60901 DONG_T2	4	8	4	0.48	0.43	-0.05	0	0	0	0	0	0	0	0
11/2/2023 11:26	55002 NEWP_T1	9	15	6	0.86	1.02	0.16	-0.16	-0.19	0	0	0	0	0	0
11/2/2023 11:27	55002 NEWP_T1	9	15	6	0.86	1.02	0.16	-0.16	-0.19	0	0	0	0	0	0
11/2/2023 11:29	16301 ALPA_T1	4	52	48	0.28	0.19	-0.09	-0.4	-0.41	0	0	0	0	0	0
11/2/2023 11:29	43401 BENT_T1	0	2	2	0	0	0	0	0	0	0	0	0	0	0
11/2/2023 11:30	16301 ALPA_T1	51	112	61	0.19	0.19	0	-0.4	-0.41	0	0	0	0	0	0
11/2/2023 11:31	67502 WEWI_T2	5	24	19	0.32	0.28	-0.04	0	0	0	0	0	0	0	0
11/2/2023 11:32	63501 HEID_TBK1-2	3	11	8	0.17	0.23	0.06	-0.79	0	2	2	0	1500	1500	0
11/2/2023 11:32	16301 ALPA_T1	51	112	61	0.19	0.19	0	-0.8	-0.82	0	0	0	0	0	0
11/2/2023 11:32	46203 DANV_T2	2	2	0	0.75	1.45	0.7	-1.36	-1.35	0	0	0	0	0	0
11/2/2023 11:32	67605 WARW_T1	6	1	-5	0.33	0.3	-0.03	-0.05	-0.85	0	0	0	0	0	0
11/2/2023 11:33	46203 DANV_T2	2	2	0	0.75	1.45	0.7	-1.36	-1.35	0	0	0	0	0	0
11/2/2023 11:34	40101 HUNT_T2	2	0	-2	0.5	0	-0.5	-0.43	-0.68	0	0	0	0	0	0
11/2/2023 11:34	61303 EARL_T1	0	0	0	0	0	0	0.61	0.7	0	0	0	0	0	0
11/2/2023 11:35	64301 LINC_T1	0	0	0	0	0	0	-0.01	-0.01	1	1	0	600	600	0
11/2/2023 11:35	44502 HAMI_T2	1	1	0	2.5	2.6	0.1	-0.85	-0.86	0	0	0	0	0	0
11/2/2023 11:36	40101 HUNT_T2	2	0	-2	0.5	0	-0.5	-0.86	-1.36	0	0	0	0	0	0
11/2/2023 11:37	40101 HUNT_T2	2	0	-2	0.5	0	-0.5	-0.43	-0.68	0	0	0	0	0	0
11/2/2023 11:37	42902 MIDD_T2	5	7	2	0.44	0.47	0.03	-0.8	-0.7	2	2	0	1200	1200	0
11/2/2023 11:38	45702 LIND_T2	1	1	0	0.6	0.6	0	-0.41	-0.37	0	0	0	0	0	0
11/2/2023 11:38	42902 MIDD_T2	5	7	2	0.44	0.47	0.03	-0.4	-0.35	1	1	0	600	600	0
11/2/2023 11:38	40101 HUNT_T2	2	0	-2	0.5	0	-0.5	-0.43	-0.68	0	0	0	0	0	0
11/2/2023 11:39	42903 MIDD_T2	2	2	0	0.3	0.85	0.55	0	0	0	0	0	0	0	0
11/2/2023 11:39	39601 LNFD_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/2/2023 11:39	47101 MARL_T1	1	0	-1	0.4	0	-0.4	-2.48	-2.5	2	2	0	1200	1200	0
11/2/2023 11:40	64301 LINC_T1	0	0	0	0	0	0	-0.01	-0.01	1	1	0	600	600	0
11/2/2023 11:40	42801 SELI_T1	1	1	0	0	0	0	0	0	0	0	0	0	0	0
11/2/2023 11:41	42801 SELI_T1	1	1	0	0	0	0	0	0	0	0	0	0	0	0
11/2/2023 11:42	42801 SELI_T1	1	1	0	0	0	0	0	0	0	0	0	0	0	0
11/2/2023 11:42	65604 QVIL_T2	0	0	0	0	0	0	0.78	0.76	0	0	0	0	0	0
11/2/2023 11:42	46701 RENO_T1	0	1	1	0	0.3	0.3	0	0	0	0	0	0	0	0
11/2/2023 11:42	67201 TEHI_T1	0	1	1	0	0.7	0.7	0.22	0.32	2	2	0	1500	1500	0
11/2/2023 11:43	43301 WATS_T2	1	4	3	0.4	0.35	-0.05	0	0	0	0	0	0	0	0
11/2/2023 11:43	66701 STRA_T1	1	1	0	0.5	0.7	0.2	0	0	0	0	0	0	0	0
11/2/2023 11:43	67002 STHI_T2	19	163	144	0.33	0.22	-0.11	1.38	1.42	0	0	0	0	0	0
11/2/2023 11:43	65001 NEFF_T2	1	2	1	0.1	0.15	0.05	-0.51	-0.5	1	1	0	1200	1200	0
11/2/2023 11:43	42802 SELI_T1	2	0	-2	0.35	0	-0.35	-6.12	-3.25	3	3	0	2700	2700	0
11/2/2023 11:43	54001 SDLE_T1	6	7	1	0.92	1	0.08	0	0	0	0	0	0	0	0
11/2/2023 11:44	67201 TEHI_T1	0	1	1	0	0.7	0.7	0	0	0	0	0	0	0	0
11/2/2023 11:44	43304 WATS_T2	0	0	0	0	0	0	-0.64	-0.78	0	0	0	0	0	0
11/2/2023 11:44	43302 WATS_T2	0	4	4	0	0.23	0.23	0	0	0	0	0	0	0	0
11/2/2023 11:44	13905 SEID_T1	0	1	1	0	0.2	0.2	0	0	0	0	0	0	0	0
11/2/2023 11:44	66902 SHIL_T2	0	61	61	0	0.12	0.12	0	0	0	0	0	0	0	0
11/2/2023 11:44	42802 SELI_T1	2	0	-2	0.35	0	-0.35	-2.04	-1.08	1	1	0	900	900	0
11/2/2023 11:45	43304 WATS_T2	0	0	0	0	0	0	-0.42	-0.52	0	0	0	0	0	0
11/2/2023 11:45	54001 SDLE_T1	6	8	2	0.97	1.26	0.29	0	0	0	0	0	0	0	0
11/2/2023 11:45	43304 WATS_T2	0	0	0	0	0	0	-0.42	-0.52	0	0	0	0	0	0
11/2/2023 11:45	67001 STHI_T2	434	608	174	0.16	0.24	0.08	0	0	0	0	0	0	0	0
11/2/2023 11:45	43304 WATS_T2	0	0	0	0	0	0	-0.42	-0.52	0	0	0	0	0	0
11/2/2023 11:45	42801 SELI_T1	1	1	0	0	0	0	0	0	0	0	0	0	0	0
11/2/2023 11:46	43302 WATS_T2	0	4	4	0	0.23	0.23	0	0	0	0	0	0	0	0
11/2/2023 11:46	65904 SAKR_T2	0	2	2	0	0.2	0.2	0	0	0	0	0	0	0	0
11/2/2023 11:47	62605 ENGL_T1	2	4	2	0.35	0.23	-0.12	0	0	0	0	0	0	0	0
11/2/2023 11:47	43302 WATS_T2	0	4	4	0	0.23	0.23	0	0	0	0	0	0	0	0
11/2/2023 11:48	43301 WATS_T2	3	5	2	0.33	0.3	-0.03	0	0	0	0	0	0	0	0
11/2/2023 11:48	62605 ENGL_T1	2	4	2	0.35	0.23	-0.12	0	0	0	0	0	0	0	0
11/2/2023 11:49	43304 WATS_T2	0	0	0	0	0	0	-0.42	-0.52	0	0	0	0	0	0
11/2/2023 11:49	26401 INOR_T1	1	1	0	0.1	0.5	0.4	1	0.79	0	0	0	0	0	0
11/2/2023 11:49	43301 WATS_T2	3	5	2	0.33	0.3	-0.03	-0.65	-0.63	1	1	0	900	900	0
11/2/2023 11:49	62604 ENGL_T1	0	0	0	0	0	0	-0.42	-0.42	1	1	0	600	600	0
11/2/2023 11:50	61303 EARL_T1	0	0	0	0	0	0	0.7	0.71	0	0	0	0	0	0
11/2/2023 11:50	62604 ENGL_T1	0	0	0	0	0	0	-0.42	-0.42	1	1	0	600	600	0
11/2/2023 11:51	47101 MARL_T1	0	0	0	0	0	0	-1.25	-1.33	1	1	0	600	600	0
11/2/2023 11:52	47101 MARL_T1	0	0	0	0	0	0	-1.25	-1.33	1	1	0	600	600	0
11/2/2023 11:52	42902 MIDD_T2	4	22	18	0.38	0.32	-0.06	-0.35	-0.39	1	1	0	600	600	0
11/2/2023 11:53	42901 MIDD_T2	0	3	3	0	0.4	0.4	0	0	0	0	0	0	0	0
11/2/2023 11:54	42903 MIDD_T2	2	2	0	0.3	2	1.7	0	0	0	0	0	0	0	0
11/2/2023 11:54	46901 MNTG_T2	0	2	2	0	0.1	0.1	0	0	0	0	0	0	0	0
11/2/2023 11:54	13105 NHAM_T2	0	0	0	0	0	0	-0.32	-0.25	1	1	0	1200	1200	0
11/2/2023 11:54	47101 MARL_T1	0	0	0	0	0	0	-2.5	-2.66	2	2	0	1200	1200	0
11/2/2023 11:55	47101 MARL_T1	0	0	0	0	0	0	-2.5	-2.66	2	2	0	1200	1200	0
11/2/2023 11:55	13704 SCHN_T2	1	3	2	0.3	0.2	-0.1	-0.6	-0.6	0	0	0	0	0	0
11/2/2023 11:55	46602 LACR_T1	0	0	0	0	0	0	-0.16	-0.13	0	0	0	0	0	0
11/2/2023 11:56	13704 SCHN_T2	1	3	2	0.3	0.2	-0.1	-0.3	-0.31	0	0	0	0	0	0
11/2/2023 11:57	65604 QVIL_T2	0	0	0	0	0	0	0.76	0.8	0	0	0	0	0	0
11/2/2023 11:58	46701 RENO_T1	0	1	1	0	0.3	0.3	0	0	0	0	0	0	0	0
11/2/2023 11:58	60201 ATGL_T2	0	0	0	0	0.3	0.3	0.32	0.2	1	1	0	300	300	0
11/2/2023 11:59	67605 WARW_T1	1	1	0	0.2	0.4	0.2	-0.86	-0.87	0	0	0	0	0	0
11/2/2023 12:04	63501 HEID_TBK1-2	11	28	17	0.19	0.32	0.13	0	0	2	2	0	1500	1500	0
11/2/2023 12:05	26401 INOR_T1	1	0	-1	0.5	0	-0.5	0.79	0.28	0	0	0	0	0	0
11/2/2023 12:06	44505 HAMI_T2	2	3	1	0.35	0.33	-0.02	0	0	0	0	0	0	0	0
11/2/2023 12:07	47101 MARL_T1	0	0	0	0	0	0	-1.33	-1.5	1	1	0	600	600	0
11/2/2023 12:08	47101 MARL_T1	0	0	0	0	0	0	-1.33	-1.5	1	1	0	600	600	0
11/2/2023 12:08	42902 MIDD_T2	7	22	15	0.47	0.33	-0.14	-0.78	-0.78	2	2	0	1200	1200	0
11/2/2023 12:09	42902 MIDD_T2	7	22	15	0.47	0.33	-0.14	-0.39	-0.39	1	1	0	600	600	0
11/2/2023 12:09	47403 PENS_T1	6	0	-6	0.67	0	-0.67	0	0	0	0	0	0	0	0
11/2/2023 12:10	13105 NHAM_T2	0	0	0	0	0	0	-0.25	-0.3	1	1	0	1200	1200	0
11/2/2023 12:10	47101 MARL_T1	0	0	0	0	0	0	-2.66	-3	2	2	0	1200	1200	0
11/2/2023 12:10	43402 BENT_T1	2	0	-2	0.4	0	-0.4	-1.36	-1.35	2	2	0	1500	1500	0
11/2/2023 12:11	47101 MARL_T1	0	0	0	0	0	0	-3	-3.06	2	2	0	1200	1200	0
11/2/2023 12:11	54001 SDLE_T1	7	10	3	1	1.13	0.13	0	0	0	0	0	0	0	0
11/2/2023 12:11	42903 MIDD_T2	2	3	1	0.85	1.4	0.55	0	0	0	0	0	0	0	0
11/2/2023 12:11	47401 PENS_T1	2	9	7	1.2	0.59	-0.61	0.96	0.97	0	0	0	0	0	0
11/2/2023 12:12	65602 QVIL_T2	1	1	0	0.1	0.2	0.1	0	0	0	0	0	0	0	0
11/2/2023 12:13	65602 QVIL_T2	1	1	0	0.1	0.2	0.1	0	0	0	0	0	0	0	0
11/2/2023 12:14	54001 SDLE_T1	7	10	3	1	1.13	0.13	0	0	0	0	0	0	0	0
11/2/2023 12:14	46701 RENO_T1	1	1	0	0.3	0.4	0.1	0	0	0	0	0	0	0	0
11/2/2023 12:14	43304 WATS_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/2/2023 12:14	60201 ATGL_T2	0	2	2	0	0.25	0.25	0.2	0.12	1	1	0	300	300	0
11/2/2023 12:15	54001 SDLE_T1	8	10	2	1.26	1.16	-0.1	0	0	0	0	0	0	0	0
11/2/2023 12:17	43301 WATS_T2	3	3	0	0.13	0.27	0.14	0	0	0	0	0	0	0	0
11/2/2023 12:18	43302 WATS_T2	3	1	-2	0.1	0.1	0	0	0	0	0	0	0	0	0
11/2/2023 12:21	46602 LACR_T1	0	0	0	0	0	0	-0.16	-0.11	0	0	0	0	0	0
11/2/2023 12:21	45003 LIME_2	1	1	0	4.1	4.1	0	0	0	1	1	0	1200	1200	0
11/2/2023 12:25	59302 MCAL_T1	3	3	0	0.5	0.4	-0.1	0	0	0	0	0	0	0	0
11/2/2023 12:25	45001 LIME_2	5	3	-2	0.36	0.43	0.07	0	0	0	0	0	0	0	0
11/2/2023 12:26	13701 SCHN_T2	7	4	-3	0.43	0.5	0.07	0	0	0	0	0	0	0	0
11/2/2023 12:27	13701 SCHN_T2	7	4	-3	0.43	0.5	0.07	0	0	0	0	0	0	0	0
11/2/2023 12:28	59102 WALK_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/2/2023 12:29	43402 BENT_T1	0	1	1	0	0.2	0.2	-1.35	-1.39	2	2	0	1500	1500	0
11/2/2023 12:34	46203 DANV_T2	2	2	0	0.65	1.05	0.4	0	0	0	0	0	0	0	0
11/2/2023 12:35	46203 DANV_T2	2	2	0	0.65	1.05	0.4	0	0	0	0	0	0	0	0
11/2/2023 12:37	59301 MCAL_T1	53	6	-47	0.39	0.58	0.19	0	0	0	0	0	0	0	0
11/2/2023 12:38	42401 GIMA_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/2/2023 12:40	42802 SELI_T1	0	0	0	0	0	0	-2.14	-2.27	0	0	0	0	0	0
11/2/2023 12:41	65004 NEFF_T2	0	1	1	0	0.2	0.2	0	0	0	0	0	0	0	0
11/2/2023 12:42	42801 SELI_T1	1	1	0	0	0	0	0	0	0	0	0	0	0	0
11/2/2023 12:43	42802 SELI_T1	0	0	0	0	0	0	-2.27	-2.22	0	0	0	0	0	0
11/2/2023 12:44	42802 SELI_T1	0	0	0	0	0	0	-2.27	-2.22	0	0	0	0	0	0
11/2/2023 12:45	55105 WERT_T1	0	0	0	0	0	0	-0.71	-0.69	1	1	0	900	900	0
11/2/2023 12:46	42802 SELI_T1	0	0	0	0	0	0	-1.14	-1.11	0	0	0	0	0	0
11/2/2023 12:50	43402 BENT_T1	1	2	1	0.2	0.3	0.1	-1.39	-1.39	2	2	0	1500	1500	0
11/2/2023 12:53	59302 MCAL_T1	0	1	1	0	0	0	0.29	0.3	1	1	0	600	600	0
11/2/2023 12:59	67001 STHI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/2/2023 13:03	46001 BERW_T1	0	0	0	0	0	0	1.64	1.64	0	0	0	0	0	0
11/2/2023 13:04	22901 HARW_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/2/2023 13:07	45003 LIME_2	1	1	0	4.2	4.1	-0.1	0	0	1	1	0	1200	1200	0
11/2/2023 13:07	40101 HUNT_T2	0	8	8	0	0	0	-0.32	-0.13	0	0	0	0	0	0
11/2/2023 13:08	45001 LIME_2	1	1	0	0.6	0.8	0.2	0	0	0	0	0	0	0	0
11/2/2023 13:10	13302 ORVI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/2/2023 13:13	43304 WATS_T2	0	0	0	0	0	0	-0.78	-0.94	0	0	0	0	0	0
11/2/2023 13:13	13701 SCHN_T2	4	27	23	0.58	0.31	-0.27	0	0	0	0	0	0	0	0
11/2/2023 13:13	43301 WATS_T2	2	4	2	0.15	0.38	0.23	-0.64	-0.61	1	1	0	900	900	0
11/2/2023 13:13	14801 TREI_T2	5	44	39	0.54	0.23	-0.31	0.27	0.29	0	0	0	0	0	0
11/2/2023 13:13	14801 TREI_T2	5	44	39	0.54	0.23	-0.31	0.27	0.29	0	0	0	0	0	0
11/2/2023 13:14	43301 WATS_T2	2	4	2	0.15	0.38	0.23	0	0	0	0	0	0	0	0
11/2/2023 13:14	43304 WATS_T2	0	0	0	0	0	0	-0.78	-0.94	0	0	0	0	0	0
11/2/2023 13:14	13704 SCHN_T2	1	6	5	0.1	0.25	0.15	-0.64	-0.62	0	0	0	0	0	0
11/2/2023 13:15	14402 SSLA_T1	7	8	1	1.2	0.55	-0.65	0	0	0	0	0	0	0	0
11/2/2023 13:15	67001 STHI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/2/2023 13:15	67001 STHI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/2/2023 13:15	43301 WATS_T2	4	5	1	0.33	0.32	-0.01	-0.64	-0.61	1	1	0	900	900	0
11/2/2023 13:16	59102 WALK_T2	5	3	-2	0.5	0.33	-0.17	0	0	0	0	0	0	0	0
11/2/2023 13:16	43301 WATS_T2	4	5	1	0.33	0.32	-0.01	0	0	0	0	0	0	0	0
11/2/2023 13:16	46203 DANV_T2	3	2	-1	0.77	0.3	-0.47	0	0	0	0	0	0	0	0
11/2/2023 13:17	46203 DANV_T2	3	2	-1	0.77	0.3	-0.47	0	0	0	0	0	0	0	0
11/2/2023 13:17	65003 NEFF_T2	3	14	11	0.57	0.34	-0.23	0	0	0	0	0	0	0	0
11/2/2023 13:17	43301 WATS_T2	4	5	1	0.33	0.32	-0.01	-0.64	-0.61	1	1	0	900	900	0
11/2/2023 13:17	43304 WATS_T2	0	0	0	0	0	0	-0.52	-0.63	0	0	0	0	0	0
11/2/2023 13:18	43301 WATS_T2	4	5	1	0.33	0.32	-0.01	-0.64	-0.61	1	1	0	900	900	0
11/2/2023 13:18	43301 WATS_T2	4	5	1	0.33	0.32	-0.01	-0.64	-0.61	1	1	0	900	900	0
11/2/2023 13:20	22901 HARW_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/2/2023 13:21	52402 GRPA_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/2/2023 13:22	40101 HUNT_T2	0	10	10	0	0.1	0.1	-0.13	-0.14	0	0	0	0	0	0
11/2/2023 13:23	23301 JEFF_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/2/2023 13:24	52402 GRPA_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/2/2023 13:25	26401 INOR_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/2/2023 13:26	13302 ORVI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/2/2023 13:28	56504 ROCK_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/2/2023 13:30	60201 ATGL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/2/2023 13:31	67502 WEWI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/2/2023 13:31	43301 WATS_T2	4	4	0	0.33	0.25	-0.08	0	0	0	0	0	0	0	0
11/2/2023 13:31	43304 WATS_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/2/2023 13:32	43304 WATS_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/2/2023 13:32	43304 WATS_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/2/2023 13:32	61303 EARL_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/2/2023 13:32	46203 DANV_T2	2	2	0	0.3	0.35	0.05	0	0	0	0	0	0	0	0
11/2/2023 13:33	43301 WATS_T2	4	4	0	0.33	0.25	-0.08	0	0	0	0	0	0	0	0
11/2/2023 13:33	46203 DANV_T2	2	2	0	0.3	0.35	0.05	-2.84	-2.94	0	0	0	0	0	0
11/2/2023 13:35	43304 WATS_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/2/2023 13:35	26401 INOR_T1	0	1	1	0	0.1	0.1	0	0	0	0	0	0	0	0
11/2/2023 13:36	52004 LING_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0

11/2/2023 14:10	45003 LIME_2	1	1	0	4.2	4.5	0.3	0	0	1	1	0	1200	1200	0
11/2/2023 14:10	13302 ORVI_T2	5	11	6	0.52	0.31	-0.21	1.04	0.97	0	0	0	0	0	0
11/2/2023 14:11	13704 SCHN_T2	4	8	4	0.25	0.4	0.15	-0.32	-0.36	0	0	0	0	0	0
11/2/2023 14:11	13901 SEID_T1	0	0	0	0	0	0	0.19	0.2	0	0	0	0	0	0
11/2/2023 14:12	13701 SCHN_T2	32	55	23	0.21	0.23	0.02	0	0	0	0	0	0	0	0
11/2/2023 14:12	67002 STHI_T2	107	235	128	0.19	0.19	0	1.22	1.16	0	0	0	0	0	0
11/2/2023 14:12	67001 STHI_T2	559	621	62	0.2	0.26	0.06	0.08	0.07	0	0	0	0	0	0
11/2/2023 14:14	66902 SHIL_T2	27	74	47	0.11	0.12	0.01	0	0	0	0	0	0	0	0
11/2/2023 14:15	46203 DANV_T2	2	3	1	0.3	0.3	0	-1.48	-1.45	0	0	0	0	0	0
11/2/2023 14:15	15104 UPHA_T2	1	1	0	0.2	0.2	0	0	0	0	0	0	0	0	0
11/2/2023 14:15	67001 STHI_T2	548	628	80	0.23	0.31	0.08	0	0	0	0	0	0	0	0
11/2/2023 14:15	43302 WATS_T2	1	0	-1	0.1	0	-0.1	0	0	0	0	0	0	0	0
11/2/2023 14:16	67001 STHI_T2	548	628	80	0.23	0.31	0.08	0	0	0	0	0	0	0	0
11/2/2023 14:16	59102 WALK_T2	0	2	2	0	0.25	0.25	0	0	0	0	0	0	0	0
11/2/2023 14:16	46203 DANV_T2	2	3	1	0.3	0.3	0	-1.48	-1.45	0	0	0	0	0	0
11/2/2023 14:17	59102 WALK_T2	0	2	2	0	0.25	0.25	0	0	0	0	0	0	0	0
11/2/2023 14:22	59301 MCAL_T1	27	76	49	0.43	0.5	0.07	0	0	0	0	0	0	0	0
11/2/2023 14:22	52404 GRPA_T2	1	1	0	0.2	0.3	0.1	0	0	0	0	0	0	0	0
11/2/2023 14:22	46602 LACR_T1	1	1	0	1.4	1.5	0.1	-0.2	-0.25	0	0	0	0	0	0
11/2/2023 14:22	52403 GRPA_T2	13	16	3	0.92	0.41	-0.51	0.2	0.24	0	0	0	0	0	0
11/2/2023 14:23	52403 GRPA_T2	13	16	3	0.92	0.41	-0.51	0.1	0.12	0	0	0	0	0	0
11/2/2023 14:23	40101 HUNT_T2	13	13	0	0.28	0.9	0.62	0	-0.08	0	0	0	0	0	0
11/2/2023 14:25	42902 MIDD_T2	7	36	29	0.44	0.34	-0.1	-0.62	-0.48	2	0	-2	1200	0	-1200
11/2/2023 14:25	66701 STRA_T1	1	0	-1	0.3	0	-0.3	0	0	0	0	0	0	0	0
11/2/2023 14:26	56501 ROCK_T2	8	9	1	0.54	0.4	-0.14	-0.43	-0.43	0	0	0	0	0	0
11/2/2023 14:26	13901 SEID_T1	0	0	0	0	0	0	0.2	0.19	0	0	0	0	0	0
11/2/2023 14:26	42002 MNVL_T2	1	1	0	6.6	5.8	-0.8	0	0	0	0	0	0	0	0
11/2/2023 14:26	13302 ORVI_T2	7	20	13	0.39	0.25	-0.14	0.95	0.94	0	0	0	0	0	0
11/2/2023 14:26	67002 STHI_T2	131	368	237	0.21	0.21	0	1.16	1.18	0	0	0	0	0	0
11/2/2023 14:27	13105 NHAM_T2	0	0	0	0	0	0	-0.3	-0.33	1	1	0	1200	1200	0
11/2/2023 14:27	13704 SCHN_T2	4	8	4	0.2	0.45	0.25	-0.36	-0.37	0	0	0	0	0	0
11/2/2023 14:27	65001 NEFF_T2	30	72	42	0.14	0.14	0	-0.77	-0.7	1	1	0	1200	1200	0
11/2/2023 14:27	56501 ROCK_T2	8	9	1	0.54	0.4	-0.14	-0.43	-0.43	0	0	0	0	0	0
11/2/2023 14:28	43302 WATS_T2	1	0	-1	0.1	0	-0.1	0	0	0	0	0	0	0	0
11/2/2023 14:28	43304 WATS_T2	0	0	0	0	0	0	-0.32	-0.38	0	0	0	0	0	0
11/2/2023 14:28	13701 SCHN_T2	17	64	47	0.22	0.23	0.01	0	0	0	0	0	0	0	0
11/2/2023 14:28	67001 STHI_T2	548	628	80	0.23	0.31	0.08	0	0	0	0	0	0	0	0
11/2/2023 14:29	67502 WEWI_T2	14	46	32	0.26	0.17	-0.09	-0.42	-0.61	0	0	0	0	0	0
11/2/2023 14:29	66903 SHIL_T2	1	3	2	0.2	0.2	0	0	0	0	0	0	0	0	0
11/2/2023 14:29	65903 SAKR_T2	1	3	2	0.4	0.33	-0.07	0	0	0	0	0	0	0	0
11/2/2023 14:29	67503 WEWI_T2	0	0	0	0	0	0	-0.6	-0.58	0	0	0	0	0	0
11/2/2023 14:30	60801 BUCK_T1	0	1	1	0	0.3	0.3	0	0	0	0	0	0	0	0
11/2/2023 14:30	67502 WEWI_T2	10	46	36	0.2	0.18	-0.02	0	0	0	0	0	0	0	0
11/2/2023 14:30	43304 WATS_T2	0	0	0	0	0	0	-0.64	-0.76	0	0	0	0	0	0
11/2/2023 14:30	43304 WATS_T2	0	0	0	0	0	0	-0.64	-0.76	0	0	0	0	0	0
11/2/2023 14:30	16301 ALPA_T1	7	9	2	0.3	0.24	-0.06	-0.44	-0.44	0	0	0	0	0	0
11/2/2023 14:30	42201 SHEN_T2	1	2	1	0.4	0.55	0.15	0.17	0.22	1	1	0	600	600	0
11/2/2023 14:31	59102 WALK_T2	1	2	1	0.1	0.25	0.15	0	0	0	0	0	0	0	0
11/2/2023 14:31	64802 MONE_T2	16	179	163	0.11	0.44	0.33	-0.01	-0.01	0	0	0	0	0	0
11/2/2023 14:31	46203 DANV_T2	1	2	1	0.2	0.9	0.7	-2.9	-2.96	0	0	0	0	0	0
11/2/2023 14:31	43304 WATS_T2	0	0	0	0	0	0	-0.32	-0.38	0	0	0	0	0	0
11/2/2023 14:31	43301 WATS_T2	3	2	-1	0.63	0.4	-0.23	-0.67	-0.7	1	1	0	900	900	0
11/2/2023 14:31	16302 ALPA_T2	0	0	0	0	0	0	1.71	1.74	0	0	0	0	0	0
11/2/2023 14:32	43302 WATS_T2	0	0	0	0	0	0	-0.39	0.1	3	2	-1	2400	1800	-600
11/2/2023 14:32	60803 BUCK_T1	1	2	1	0.2	0.25	0.05	-0.92	-0.92	1	1	0	600	600	0
11/2/2023 14:32	16302 ALPA_T2	0	0	0	0	0	0	0.57	0.58	0	0	0	0	0	0
11/2/2023 14:32	43301 WATS_T2	3	2	-1	0.63	0.4	-0.23	-0.67	-0.7	1	1	0	900	900	0
11/2/2023 14:32	43302 WATS_T2	0	0	0	0	0	0	-0.39	0.1	3	2	-1	2400	1800	-600
11/2/2023 14:32	16301 ALPA_T1	7	9	2	0.3	0.24	-0.06	-1.32	-1.32	0	0	0	0	0	0
11/2/2023 14:33	24902 WHBA_T1	1	2	1	0.1	0.15	0.05	0.45	0.45	0	0	0	0	0	0
11/2/2023 14:33	61304 EARL_T1	1	1	0	0.4	0.4	0	0	0	0	0	0	0	0	0
11/2/2023 14:33	67502 WEWI_T2	10	46	36	0.2	0.18	-0.02	-0.42	-0.61	0	0	0	0	0	0
11/2/2023 14:34	52401 GRPA_T2	2	2	0	0.2	0.45	0	0	0	0	0	0	0	0	0
11/2/2023 14:35	67502 WEWI_T2	10	46	36	0.2	0.18	-0.02	-0.21	-0.31	0	0	0	0	0	0
11/2/2023 14:36	42901 MIDD_T2	3	2	-1	0.5	0.4	-0.1	0	0	0	0	0	0	0	0
11/2/2023 14:36	45003 LIME_2	1	1	0	4.5	4.6	0.1	0	0	1	1	0	1200	1200	0
11/2/2023 14:36	45702 LIND_T2	1	2	1	1.4	1.05	-0.35	-0.56	-0.59	0	0	0	0	0	0
11/2/2023 14:37	52404 GRPA_T2	1	1	0	0.3	0.2	-0.1	0	0	0	0	0	0	0	0
11/2/2023 14:37	53902 HALI_T2	1	2	1	0.2	0.25	0.05	-0.9	-0.88	0	0	0	0	0	0
11/2/2023 14:38	45003 LIME_2	1	1	0	4.5	4.6	0.1	0	0	1	1	0	1200	1200	0
11/2/2023 14:38	59301 MCAL_T1	76	9	-67	0.5	0.56	0.06	0	0	0	0	0	0	0	0
11/2/2023 14:40	41901 REED_T1	9	10	1	0.34	0.46	0.12	0	0	0	0	0	0	0	0
11/2/2023 14:40	52501 PROG_T1	1	2	1	0.3	0.15	-0.15	0.31	0.34	1	1	0	300	300	0
11/2/2023 14:40	42901 MIDD_T2	3	2	-1	0.5	0.4	-0.1	0	0	0	0	0	0	0	0
11/2/2023 14:40	65604 QVIL_T2	0	0	0	0	0	0	0.31	0.35	0	0	0	0	0	0
11/2/2023 14:41	65002 NEFF_T2	21	33	12	0.14	0.15	0.01	0	0	0	0	0	0	0	0
11/2/2023 14:41	42901 MIDD_T2	3	2	-1	0.5	0.4	-0.1	0	0	0	0	0	0	0	0
11/2/2023 14:41	15104 UPHA_T2	1	0	-1	0.2	0	-0.2	0	0	0	0	0	0	0	0
11/2/2023 14:41	56504 ROCK_T2	0	0	0	0	0	0	-0.35	-0.35	0	0	0	0	0	0
11/2/2023 14:41	46702 RENO_T1	0	0	0	0	0	0	-0.26	-0.25	0	0	0	0	0	0
11/2/2023 14:42	65601 QVIL_T2	1	1	0	0.3	0.5	0.2	0	0	0	0	0	0	0	0
11/2/2023 14:42	67002 STHI_T2	221	386	165	0.19	0.2	0.01	1.18	1.18	0	0	0	0	0	0
11/2/2023 14:42	42901 MIDD_T2	3	2	-1	0.5	0.4	-0.1	0	0	0	0	0	0	0	0
11/2/2023 14:42	52401 GRPA_T2	2	2	0	0.45	0.45	0	-0.5	-0.48	0	0	0	0	0	0
11/2/2023 14:42	13905 SEID_T1	2	4	2	0.45	0.4	-0.05	0	0	0	0	0	0	0	0
11/2/2023 14:42	15603 NSTR_T2	0	0	0	0	0	0	-0.61	-0.59	0	0	0	0	0	0
11/2/2023 14:42	14802 TREI_T2	4	4	0	0.13	0.23	0.1	0.28	0.29	0	0	0	0	0	0
11/2/2023 14:42	13105 NHAM_T2	0	0	0	0	0	0	-0.33	-0.29	1	1	0	1200	1200	0
11/2/2023 14:42	52501 PROG_T1	1	2	1	0.3	0.15	-0.15	0.68	0.68	2	2	0	600	600	0
11/2/2023 14:42	56501 ROCK_T2	9	9	0	0.38	0.4	0.02	0	0	0	0	0	0	0	0
11/2/2023 14:43	67001 STHI_T2	606	632	26	0.25	0.32	0.07	0	0	0	0	0	0	0	0
11/2/2023 14:43	67502 WEWI_T2	10	46	36	0.2	0.18	-0.02	-0.31	-0.32	0	0	0	0	0	0
11/2/2023 14:43	59102 WALK_T2	1	2	1	0.1	0.25	0.15	0	0	0	0	0	0	0	0
11/2/2023 14:43	13704 SCHN_T2	8	12	4	0.39	0.33	-0.06	-0.75	-0.77	0	0	0	0	0	0
11/2/2023 14:43	67401 WAKE_T2	10	25	15	0.19	0.21	0.02	-1.1	-1.09	0	0	0	0	0	0
11/2/2023 14:43	67203 TEHI_T1	0	0	0	0	0	0	2.07	2.58	2	1	-1	1500	600	-900
11/2/2023 14:44	46702 RENO_T1	0	0	0	0	0	0	-0.26	-0.25	0	0	0	0	0	0
11/2/2023 14:44	13704 SCHN_T2	8	12	4	0.39	0.33	-0.06	-0.37	-0.39	0	0	0	0	0	0
11/2/2023 14:45	14802 TREI_T2	4	6	2	0.2	0.23	0.03	0.28	0.29	0	0	0	0	0	0
11/2/2023 14:45	50701 SMEC_T1	2	0	-2	0.3	0	-0.3	-0.01	0.2	0	0	0	0	0	0
11/2/2023 14:45	66902 SHIL_T2	108	133	25	0.15	0.15	0	0	0	0	0	0	0	0	0
11/2/2023 14:45	67502 WEWI_T2	46	18	-28	0.17	0.21	0.04	0	0	0	0	0	0	0	0
11/2/2023 14:45	10805 CHHI_T2	6	1	-5	1.37	6.8	5.43	-1.26	-1.19	1	1	0	1200	1200	0
11/2/2023 14:45	59102 WALK_T2	2	2	0	0.25	0.25	0	0	0	0	0	0	0	0	0
11/2/2023 14:46	67503 WEWI_T2	0	0	0	0	0	0	-0.58	-0.55	0	0	0	0	0	0
11/2/2023 14:46	67502 WEWI_T2	46	18	-28	0.17	0.21	0.04	-0.31	-0.32	0	0	0	0	0	0
11/2/2023 14:46	16301 ALPA_T1	9	5	-4	0.24	0.24	0	-0.44	-0.44	0	0	0	0	0	0
11/2/2023 14:46	60803 BUCK_T1	2	1	-1	0.25	0.1	-0.15	-0.92	-0.92	1	1	0	600	600	0
11/2/2023 14:46	42701 AUGU_T1	1	1	0	0.7	0.6	-0.1	0	0	2	2	0	1800	1800	0
11/2/2023 14:46	54202 PENN_T2	0	0	0	0	0	0	0.61	0.64	0	0	0	0	0	0
11/2/2023 14:46	66703 STRA_T1	54	77	23	0.23	0.23	0	-0.2	-0.22	0	0	0	0	0	0
11/2/2023 14:47	60801 BUCK_T1	1	1	0	0.3	0.2	-0.1	0.03	0.04	0	0	0	0	0	0
11/2/2023 14:47	64802 MONE_T2	170	155	-15	0.43	0.46	0.03	-0.01	-0.01	0	0	0	0	0	0
11/2/2023 14:47	60803 BUCK_T1	2	1	-1	0.25	0.1	-0.15	-0.92	-0.92	1	1	0	600	600	0
11/2/2023 14:47	60101 COCA_T1	0	0	0	0	0	0	0.25	0.27	0	0	0	0	0	0
11/2/2023 14:47	46203 DANV_T2	2	2	0	0.35	1.1	0.75	-2.96	-2.94	0	0	0	0	0	0
11/2/2023 14:47	16301 ALPA_T1	9	5	-4	0.24	0.24	0	-0.44	-0.44	0	0	0	0	0	0
11/2/2023 14:47	67605 WARW_T1	16	15	-1	0.36	0.39	0.03	-1.3	-1.31	0	0	0	0	0	0
11/2/2023 14:48	16301 ALPA_T1	9	5	-4	0.24	0.24	0	-0.88	-0.88	0	0	0	0	0	0
11/2/2023 14:48	15001 BLMO_T1	3	4	1	0.57	0.43	-0.14	0	0	0	0	0	0	0	0
11/2/2023 14:48	41802 GOCI_T2	4	5	1	0.13	0.12	-0.01	0	0	0	0	0	0	0	0
11/2/2023 14:48	42701 AUGU_T1	1	1	0	0.7	0.6	-0.1	0	0	2	2	0	1800	1800	0
11/2/2023 14:49	67502 WEWI_T2	46	18	-28	0.17	0.21	0.04	-0.31	-0.32	0	0	0	0	0	0
11/2/2023 14:50	60101 COCA_T1	0	0	0	0	0	0	0.25	0.27	0	0	0	0	0	0
11/2/2023 14:50	64301 LINC_T1	0	0	0	0	0	0	0.65	0.8	0	0	0	0	0	0
11/2/2023 14:51	42901 MIDD_T2	2	0	-2	0.4	0	-0.4	0	0	0	0	0	0	0	0
11/2/2023 14:52	42902 MIDD_T2	18	6	-12	0.25	0.27	0.02	0.34	0.36	0	0	0	0	0	0
11/2/2023 14:53	46602 LACR_T1	1	1	0	1.5	0	-1.5	-0.23	-0.22	0	0	0	0	0	0
11/2/2023 14:53	54701 NEBL_T1	7	4	-3	0.39	0.45	0.06	0	0	1	1	0	600	600	0
11/2/2023 14:57	43304 WATS_T2	0	0	0	0	0	0	-0.39	-0.35	0	0	0	0	0	0
11/2/2023 14:58	43301 WATS_T2	1	2	1	0.6	0.3	-0.3	0	0	0	0	0	0	0	0
11/2/2023 14:59	43301 WATS_T2	1	2	1	0.6	0.3	-0.3	-0.66	-0.68	1	1	0	900	900	0
11/2/2023 14:59	43304 WATS_T2	0	0	0	0	0	0	-0.39	-0.35	0	0	0	0	0	0
11/2/2023 14:59	56501 ROCK_T2	6	9	3	0.47	0.37	-0.1	-0.43	-0.39	0	0	0	0	0	0
11/2/2023 14:59	43304 WATS_T2	0	0	0	0	0	0	-0.39	-0.35	0	0	0	0	0	0
11/2/2023 15:01	65903 SAKR_T2	1	3	2	0.5	0.4	-0.1	0	0	0	0	0	0	0	0
11/2/2023 15:02	51302 WIND_T2	1	0	-1	0.1	0	-0.1	0	0	0	0	0	0	0	0
11/2/2023 15:02	43301 WATS_T2	2	2	0	0.3	0.25	-0.05	0	0	0	0	0	0	0	0
11/2/2023 15:03	43304 WATS_T2	0	0	0	0	0	0	-0.39	-0.35	0	0	0	0	0	0
11/2/2023 15:03	43304 WATS_T2	0	0	0	0	0	0	-0.39	-0.35	0	0	0	0	0	0
11/2/2023 15:04	61304 EARL_T1	1	1	0	0.3	0.1	-0.2	0	0	0	0	0	0	0	0
11/2/2023 15:06	47101 MARL_T1	0	1	1	0	0	0	-1.6	-1.56	1	1	0	600	600	0
11/2/2023 15:08	47101 MARL_T1	0	1	1	0	0	0	-1.6	-1.56	1	1	0	600	600	0
11/2/2023 15:09	47101 MARL_T1	0	1	1	0	0	0	-4.8	-4.67	3	3	0	1800	1800	0
11/2/2023 15:11	47101 MARL_T1	0	1	1	0	0	0	-1.56	-1.57	1	1	0	600	600	0
11/2/2023 15:12	66901 SHIL_T2	279	361	82	0.36	0.38	0.02	-1.7	-1.72	1	1	0	1200	1200	0
11/2/2023 15:13	25801 SUTR_T2	0	0	0	0	0	0	0.01	0.01	0	0	0	0	0	0
11/2/2023 15:19	22103 EDEL_T2	1	1	0	0.8	0.8	0	0	0	0	0	0	0	0	0
11/2/2023 15:23	42001 MNVL_T2	0	0	0	0	0	0	-0.05	0	0	0	0	0	0	0
11/2/2023 15:25	61202 REIN_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/2/2023 15:29	66703 STRA_T1	58	158	100	0.23	0.24	0.01	-0.18	-0.21	0	0	0	0	0	0
11/2/2023 15:32	26401 INOR_T1	0	0	0	0	0	0	0.62	0.4	0	0	0	0	0	0
11/2/2023 15:40	55002 NEWP_T1	7	9	2	0.63	0.6	-0.03	-0.23	-0.25	0	0	0	0	0	0
11/2/2023 15:41	58401 MORO_T1	2	0	-2	0.15	0	-0.15	0	0	0	0	0	0	0	0
11/2/2023 15:42	14403 SSLA_T1	1	5	4	0.1	0.12	0.02	1.42	1.42	0	0	0	0	0	0
11/2/2023 15:43	57403 SPAN_T1	32	43	11	0.28	0.28	0	0	0	0	0	0	0	0	0
11/2/2023 15:44	59101 WALK_T2	1	2	1	0	0.9	0.9	2.05	2.14	0	0	0	0	0	0
11/2/2023 15:44	14401 SSLA_T1	5	5	0	0.52	0.52	0	0	0	0	0	0	0	0	0
11/2/2023 15:45	15001 BLMO_T1	2	2	0	0.45	0.2	-0.25	0	0	0	0	0	0	0	0
11/2/2023 15:46	56603 HAMP_T1	0	0	0	0	0	0	-1.25	-1.25	0	0	0	0	0	0
11/2/2023 15:46	59102 WALK_T2	1	0	-1	0.1	0	-0.1	0	0	0	0	0	0	0	0
11/2/2023 15:55	55002 NEWP_T1	9	6	-3	0.57	0.58	0.01	-0.25	-0.25	0	0	0	0	0	0
11/2/2023 15:57	54001 SDLE_T1	9	9	0	1.13	0.97	-0.16	0	0	0	0	0	0	0	0
11/2/2023 15:58	14403 SSLA_T1	5	2	-3	0.12	0.1	-0.02	0.71	0.66	0	0	0	0	0	0
11/2/2023 15:59	46001 BERW_T1	0	0	0	0	0	0	1.05	0.98	0	0	0	0	0	0
11/2/2023 16:00	54001 SDLE_T1	9	9	0	0.91	0.88	-0.03	0	0	0	0	0	0	0	0
11/2/2023 16:01	46001 BERW_T1	0	0	0	0	0	0	1.05	0.98	0	0	0	0	0	0
11/2/2023 16:01	45501 DERR_T2	1	1	0	0.2	0.1	-0.1	0.82	0.65	2	2	0	1800	1800	0
11/2/2023 16:01	54001 SDLE_T1	9	9	0	0.91	0.88	-0.03	0	0	0	0	0	0	0	0
11/2/2023 16:08	58402 MORO_T1	0	0	0	0	0	0	-1.09	-0.94	2	2	0	1500	1500	0
11/2/2023 16:08	60701 BREC_T1	0	0	0	0	0	0	-0.12	-0.22	1	1	0	600	600	0
11/2/2023 16:14	14401 SSLA_T1	4	3	-1	0.33	0.37	0.04	0	0	0	0	0	0	0	0
11/2/2023 16:15	55002 NEWP_T1	5	6	1	0.22	0.43	0.21	-0.26	-0.26	0	0	0	0	0	0
11/2/2023 16:15	42201 SHEN_T2	1	1	0	0.2	0.4	0.2	0.2	0.11	1	1	0	600	600	0
11/2/2023 16:21	40101 HUNT_T2	0	0	0	0	0	0	-0.54	-0.6	0	0	0	0	0	0
11/2/2023 16:25	55002 NEWP_T1	5	6	1	0.22	0.43	0.21	-0.26	-0.26	0

Appendix C - Grid Benefits Achieved in Each Instance of Active Management

11/2/2023 19:15	56802 BENV_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
11/2/2023 19:15	52402 GRPA_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
11/2/2023 19:16	67001 STHI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
11/2/2023 19:16	45802 HEGI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
11/2/2023 19:16	46203 DANV_T2	0	2	2	0	0.15	0.15	0	0	0	0	0	0	0
11/2/2023 19:16	40602 PIGR_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
11/2/2023 19:16	56802 BENV_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
11/2/2023 19:16	66302 MCGO_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
11/2/2023 19:17	43301 WATS_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
11/2/2023 19:17	42903 MIDD_T2	2	2	0	1.45	1.6	0.15	0	0	0	0	0	0	0
11/2/2023 19:17	57401 SPAN_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
11/2/2023 19:17	65902 SAKR_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
11/2/2023 19:18	53501 EVIL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
11/2/2023 19:18	43302 WATS_T2	4	4	0	0.48	0.8	0.32	0	0	0	0	0	0	0
11/2/2023 19:18	52402 GRPA_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
11/2/2023 19:18	61303 EARL_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
11/2/2023 19:18	54701 NEBL_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
11/2/2023 19:18	57403 SPAN_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
11/2/2023 19:20	57403 SPAN_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
11/2/2023 19:20	56802 BENV_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
11/2/2023 19:20	53903 HAU_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
11/2/2023 19:21	52501 PROG_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
11/2/2023 19:21	51201 MTON_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
11/2/2023 19:54	26401 INOR_T1	0	0	0	0	0	0.42	0.41	0	0	0	0	0	0
11/2/2023 19:55	15603 NSTR_T2	0	0	0	0	0	0	-0.53	0	0	0	0	0	0
11/2/2023 19:56	29402 BELT_T1	1	1	0	7.8	8.1	0.3	0	0	0	0	0	0	0
11/2/2023 19:58	16301 ALPA_T1	0	0	0	0	0	0	-0.45	-0.44	0	0	0	0	0
11/2/2023 20:00	14802 TREI_T2	1	3	2	0.4	0.4	0	0.44	0.39	0	0	0	0	0
11/2/2023 20:01	29402 BELT_T1	1	1	0	8.1	8	-0.1	0	0	0	0	0	0	0
11/2/2023 20:01	10805 CHHI_T2	1	1	0	7.4	7.9	0.5	-0.92	-0.86	1	1	0	600	600
11/2/2023 20:01	12701 MACU_T1	1	2	1	0.4	0	-0.4	0.13	0.11	0	0	0	0	0
11/2/2023 20:02	16302 ALPA_T2	0	0	0	0	0	0	1.24	1.3	0	0	0	0	0
11/2/2023 20:02	46001 BERW_T1	0	0	0	0	0	0	0.94	0.96	0	0	0	0	0
11/2/2023 20:02	29401 BELT_T1	58	60	2	0.27	0.31	0.04	0	0	0	0	0	0	0
11/2/2023 20:02	22101 EDEL_T2	0	0	0	0	0	0	0.5	0.51	1	1	0	1200	1200
11/2/2023 20:02	46501 LOHA_T1	0	0	0	0	0	0	-0.64	-0.69	1	1	0	1200	1200
11/2/2023 20:03	24902 WHHA_T1	0	0	0	0	0	0	0.48	0.48	0	0	0	0	0
11/2/2023 20:03	17802 GILB_T1	0	0	0	0	0	0	0.05	0.02	0	0	0	0	0
11/2/2023 20:03	44601 SALE_T2	0	0	0	0	0	0	-0.04	-0.03	0	0	0	0	0
11/2/2023 20:04	67502 WEWI_T2	0	120	120	0	0.15	0.15	-1.41	-1.43	1	1	0	900	900
11/2/2023 20:04	15001 BLMO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
11/2/2023 20:05	15001 BLMO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
11/2/2023 20:05	47104 MARL_T1	2	4	2	0.2	0.3	0.1	0	0	0	0	0	0	0
11/2/2023 20:05	59101 WALK_T2	1	1	0	0	0	0	1.01	1.02	1	1	0	450	450
11/2/2023 20:05	67502 WEWI_T2	0	120	120	0	0.15	0.15	-1.41	-1.43	1	1	0	900	900
11/2/2023 20:05	50701 SMEC_T1	0	0	0	0	0	0	0.06	0	0	0	0	0	0
11/2/2023 20:06	45501 DERR_T2	2	2	0	1.7	1.3	-0.4	0.24	0.5	2	2	0	1800	1800
11/2/2023 20:06	40101 HUNT_T2	161	247	86	0.67	0.91	0.24	-0.29	-0.28	0	0	0	0	0
11/2/2023 20:06	42001 MNVL_T2	0	0	0	0	0	0	0.09	0.08	0	0	0	0	0
11/2/2023 20:06	53501 EVIL_T2	0	0	0	0	0	0	-0.79	-0.74	1	1	0	600	600
11/2/2023 20:06	43304 WATS_T2	0	1	1	0	0	0	-0.35	-0.36	0	0	0	0	0
11/2/2023 20:06	42201 SHEN_T2	0	0	6	0	0	0	0.06	0.06	1	1	0	600	600
11/2/2023 20:07	64201 KINZ_T1	1	1	0	0.1	0.2	0.1	0.51	0.54	1	1	0	300	300
11/2/2023 20:07	47101 MARL_T1	62	69	7	0.75	0.55	-0.2	-1.34	-1.29	1	1	0	600	600
11/2/2023 20:07	49803 UNIV_T1	0	0	0	0	0	0	-1.08	-1.12	0	0	0	0	0
11/2/2023 20:07	16302 ALPA_T2	0	0	0	0	0	0	1.24	1.3	0	0	0	0	0
11/2/2023 20:07	65001 NEFF_T2	0	0	1	0	0	0	-0.96	-0.97	1	1	0	1200	1200
11/2/2023 20:07	12701 MACU_T1	1	2	1	0.4	0	-0.4	0.13	0.11	0	0	0	0	0
11/2/2023 20:07	67204 TEHI_T2	0	0	0	0	0	0	-0.21	-0.2	0	0	0	0	0
11/2/2023 20:07	52502 PROG_T2	0	0	0	0	0	0	-0.65	-0.6	1	1	0	900	900
11/2/2023 20:07	54001 SDLE_T1	1	3	2	1.2	0.6	-0.6	0	0	0	0	0	0	0
11/2/2023 20:07	67002 STHI_T2	0	0	0	0	0	0	0.55	0.55	0	0	0	0	0
11/2/2023 20:07	42901 MIDD_T2	0	7	7	0	0.1	0.1	0	0	0	0	0	0	0
11/2/2023 20:07	16301 ALPA_T1	0	0	0	0	0	0	-0.45	-0.44	0	0	0	0	0
11/2/2023 20:07	63501 HEID_TBK1-2	0	0	0	0	0	0	0.42	0.44	0	0	0	0	0
11/2/2023 20:07	59101 WALK_T2	1	1	0	0	0	0	1.01	1.02	1	1	0	450	450
11/2/2023 20:07	44802 EDAN_T2	0	0	0	0	0	0	-0.92	-0.94	0	0	0	0	0
11/2/2023 20:07	43304 WATS_T2	0	1	1	0	0	0	0	0	0	0	0	0	0
11/2/2023 20:07	28403 HART_T2	0	0	0	0	0	0	-0.67	-0.69	1	1	0	900	900
11/2/2023 20:07	28601 BLYT_T2	1	1	0	6.6	6.6	0	0	0	0	0	0	0	0
11/2/2023 20:07	56802 BENV_T2	1	2	1	0.1	0.3	0.2	-2.8	-2.76	0	0	0	0	0
11/2/2023 20:07	62604 ENGL_T1	0	0	0	0	0	0	-0.52	-0.55	1	1	0	600	600
11/2/2023 20:08	43302 WATS_T2	3	2	-1	0.27	0.15	-0.12	0	0	0	0	0	0	0
11/2/2023 20:08	43302 WATS_T2	3	2	-1	0.27	0.15	-0.12	0	0	0	0	0	0	0
11/2/2023 20:08	60101 COCA_T1	0	0	0	0	0	0	0.35	0.32	0	0	0	0	0
11/2/2023 20:08	47104 MARL_T1	2	4	2	0.2	0.3	0.1	0	0	0	0	0	0	0
11/2/2023 20:08	29401 BELT_T1	58	60	2	0.27	0.31	0.04	0	0	1	58	0	900	900
11/2/2023 20:08	66504 SMAN_T2	0	0	0	0	0	0	-0.37	-0.39	0	0	0	0	0
11/2/2023 20:08	57403 SPAN_T1	0	0	0	0	0	0	0.06	0.11	0	0	0	0	0
11/2/2023 20:08	61303 EARL_T1	0	0	0	0	0	0	0.27	0.28	0	0	0	0	0
11/2/2023 20:08	59202 THOM_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
11/2/2023 20:08	59301 MCAL_T1	2	2	0	0.4	0.4	0	0	0	0	0	0	0	0
11/2/2023 20:08	42701 AUGU_T1	0	0	0	0	0	0	0	0	2	2	0	1800	1800
11/2/2023 20:09	62604 ENGL_T1	0	0	0	0	0	0	-0.52	-0.55	1	1	0	600	600
11/2/2023 20:09	45501 DERR_T2	2	2	0	1.7	1.3	-0.4	0.24	0.5	2	2	0	1800	1800
11/2/2023 20:09	67002 STHI_T2	0	0	0	0	0	0	0.55	0.55	0	0	0	0	0
11/2/2023 20:09	43304 WATS_T2	0	1	1	0	0	0	-0.35	-0.36	0	0	0	0	0
11/2/2023 20:09	41801 GOCI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
11/2/2023 20:09	60801 BUCK_T1	0	0	0	0	0	0	-0.17	-0.2	0	0	0	0	0
11/2/2023 20:09	58402 MORO_T1	0	0	0	0	0	0	-0.96	-1.02	2	2	0	1500	1500
11/2/2023 20:09	67001 STHI_T2	1	2	1	0.4	0.3	-0.1	0.08	0.11	0	0	0	0	0
11/2/2023 20:09	44601 SALE_T2	0	0	0	0	0	0	-0.04	-0.03	0	0	0	0	0
11/2/2023 20:09	67502 WEWI_T2	0	120	120	0	0.15	0.15	-1.41	-1.43	1	1	0	900	900
11/2/2023 20:10	67502 WEWI_T2	0	120	120	0	0.15	0.15	-1.41	-1.43	1	1	0	900	900
11/2/2023 20:10	14403 SSLA_T1	0	0	0	0	0	0	0.84	0.85	0	0	0	0	0
11/2/2023 20:10	56801 BENV_T1	16	20	4	0.59	0.81	0.22	-0.67	-0.65	1	1	0	600	600
11/2/2023 20:10	42701 AUGU_T1	0	0	0	0	0	0	0	0	2	2	0	1800	1800
11/2/2023 20:11	42901 MIDD_T2	0	7	7	0	0.1	0.1	0	0	0	0	0	0	0
11/2/2023 20:11	42701 AUGU_T1	0	0	0	0	0	0	0	0	2	2	0	1800	1800
11/2/2023 20:11	43301 WATS_T2	0	0	0	0	0	0	-0.62	-0.65	1	1	0	900	900
11/2/2023 20:11	46001 BERW_T1	0	0	0	0	0	0	1.92	1.88	0	0	0	0	0
11/2/2023 20:11	56801 BENV_T1	16	20	4	0.59	0.81	0.22	-0.65	-0.66	1	1	0	600	600
11/2/2023 20:11	40902 JESH_T1	0	0	0	0	0	0	-0.55	-0.51	0	0	0	0	0
11/2/2023 20:11	47101 MARL_T1	62	69	7	0.75	0.55	-0.2	-1.29	-1.34	1	1	0	600	600
11/2/2023 20:11	42201 SHEN_T2	0	0	0	0	0	0	0.06	0.04	1	1	0	600	600
11/2/2023 20:11	16301 ALPA_T1	0	0	0	0	0	0	-0.44	-0.39	0	0	0	0	0
11/2/2023 20:11	46702 RENO_T1	0	0	0	0	0	0	-0.25	-0.24	0	0	0	0	0
11/2/2023 20:11	45501 DERR_T2	2	2	0	1.7	1.3	-0.4	0.5	0.52	2	2	0	1800	1800
11/2/2023 20:11	10805 CHHI_T2	1	1	0	7.4	7.9	0.5	-0.86	-0.79	1	1	0	600	600
11/2/2023 20:11	67503 WEWI_T2	0	0	0	0	0	0	-0.32	-0.34	0	0	0	0	0
11/2/2023 20:11	43202 MVIL_T2	0	0	0	0	0	0	-1.34	-1.36	0	0	0	0	0
11/2/2023 20:12	55001 NEWP_T1	1	0	-1	0.3	0	-0.3	0	0	0	0	0	0	0
11/2/2023 20:12	56802 BENV_T2	1	2	1	0.1	0.3	0.2	-1.38	-1.38	0	0	0	0	0
11/2/2023 20:12	14403 SSLA_T1	0	0	0	0	0	0	0.85	0.85	0	0	0	0	0
11/2/2023 20:12	53601 DALM_T2	1	1	0	0.3	0.2	-0.1	-0.01	-0.06	0	0	0	0	0
11/2/2023 20:12	60902 DONG_T2	0	0	0	0	0	0	0.46	0.47	0	0	0	0	0
11/2/2023 20:12	57401 SPAN_T1	0	0	0	0	0	0	-0.73	-0.78	1	1	0	600	600
11/2/2023 20:12	42903 MIDD_T2	2	2	0	1.6	1.65	0.05	0	0	0	0	0	0	0
11/2/2023 20:12	45501 DERR_T2	2	2	0	1.7	1.3	-0.4	0.5	0.52	2	2	0	1800	1800
11/2/2023 20:12	15103 UPHA_T2	0	0	0	0	0	0	0.42	0.42	0	0	0	0	0
11/2/2023 20:12	46203 DANV_T2	0	4	4	0	0.15	0.15	-2.58	-2.58	0	0	0	0	0
11/2/2023 20:12	60501 NMAN_T2	3	3	0	4.4	4.37	-0.03	0	0	0	0	0	0	0
11/2/2023 20:12	40101 HUNT_T2	161	247	86	0.67	0.91	0.24	-0.28	-0.28	0	0	0	0	0
11/2/2023 20:12	43001 ALWD_T1	0	3	3	0	0.1	0.1	0	0	0	0	0	0	0
11/2/2023 20:12	45003 LIME_2	3	7	4	1.13	2.8	1.67	0	0	1	1	0	1200	1200
11/2/2023 20:12	60201 ATGL_T2	0	0	0	0	0	0	0.31	0.34	0	0	0	0	0
11/2/2023 20:12	45702 LIND_T2	1	1	0	1.6	1.3	-0.3	-0.56	-0.55	0	0	0	0	0
11/2/2023 20:12	13302 ORVI_T2	29	30	1	0.29	0.28	-0.01	1.07	1.04	0	0	0	0	0
11/2/2023 20:13	47104 MARL_T1	2	4	2	0.2	0.3	0.1	0	0	0	0	0	0	0
11/2/2023 20:13	60101 COCA_T1	0	0	0	0	0	0	0.32	0.31	0	0	0	0	0
11/2/2023 20:13	67203 TEHI_T1	0	0	0	0	0	0	2.39	2.35	2	2	0	1500	1500
11/2/2023 20:13	20403 ASHF_T2	0	0	0	0	0	0	0.3	0.36	0	0	0	0	0
11/2/2023 20:13	45501 DERR_T2	2	2	0	1.7	1.3	-0.4	0.5	0.52	2	2	0	1800	1800
11/2/2023 20:13	53101 WTWN_T1	1	1	0	1.9	1.8	-0.1	0	0	0	0	0	0	0
11/2/2023 20:13	67605 WARW_T1	0	0	0	0	0	0	-1.14	-1.17	0	0	0	0	0
11/2/2023 20:13	45502 DERR_T2	0	0	0	0	0	0	-0.57	-0.58	0	0	0	0	0
11/2/2023 20:13	14802 TREI_T2	1	3	2	0.4	0.4	0	0.39	0.41	0	0	0	0	0
11/2/2023 20:13	46506 LOHA_T1	0	0	0	0	0	0	-0.37	-0.39	0	0	0	0	0
11/2/2023 20:13	42701 AUGU_T1	0	0	0	0	0	0	0	0	2	2	0	1800	1800
11/2/2023 20:13	56801 BENV_T1	16	20	4	0.59	0.81	0.22	-0.65	-0.66	1	1	0	600	600
11/2/2023 20:14	47101 MARL_T1	62	69	7	0.75	0.55	-0.2	-1.29	-1.34	1	1	0	600	600
11/2/2023 20:14	43304 WATS_T2	0	1	1	0	0	0	0	0	0	0	0	0	0
11/2/2023 20:14	56802 BENV_T2	1	2	1	0.1	0.3	0.2	-1.38	-1.38	0	0	0	0	0
11/2/2023 20:14	45003 LIME_2	3	7	4	1.13	2.8	1.67	0	0	1	1	0	1200	1200
11/2/2023 20:14	67401 WAKE_T2	0	1	1	0	0.1	0.1	-1.15	-1.15	0	0	0	0	0
11/2/2023 20:14	57404 SPAN_T2	0	0	0	0	0	0	-0.06	-0.13	1	1	0	1200	1200
11/2/2023 20:14	43304 WATS_T2	0	1	1	0	0	0	0	0	0	0	0	0	0
11/2/2023 20:14	59101 WALK_T2	1	1	0	0	0	0	1.02	1.04	1	1	0	450	450
11/2/2023 20:14	45802 HEGI_T2	0	0	0	0	0	0	0.62	0.62	0	0	0	0	0
11/2/2023 20:14	13105 NHAM_T2	0	0	0	0	0	0	-0.21	-0.2	1	1	0	1200	1200
11/2/2023 20:14	41801 GOCI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
11/2/2023 20:14	56501 ROCK_T2	0	1	1	0	0	0	-1.46	-1.44	0	0	0	0	0
11/2/2023 20:14	43402 BENT_T1	0	0	0	0	0	0	-1.56	-1.55	2	2	0	1500	1500
11/2/2023 20:15	55002 NEWP_T1	0	0	0	0	0	0	-0.25	-0.26	0	0	0	0	0
11/2/2023 20:15	60902 DONG_T2	0	0	0	0	0	0	0.46	0.47	0	0	0	0	0
11/2/2023 20:15	12701 MACU_T1	1	1	0	0.4	0	-0.4	0.11	0.12	0	0	0	0	0
11/2/2023 20:15	61801 EEU_T2	2	2	0	1.15	1.25	0.1	-1.01	-1.01	1	1	0	600	600
11/2/2023 20:16	42801 SEU_T1	1	1	0	0	0	0	0	0	0	0	0	0	0
11/2/2023 20:16	41901 REED_T1	9	9	0	0.39	0.39	0	0	0	0	0	0	0	0
11/2/2023 20:16	65902 SAKR_T2	0	0	0	0	0	0	0	0	2	2	0	1200	1200
11/2/2023 20:16	67201 TEHI_T1	0	0	0	0	0	0	-0.51	-0.52	1	1	0	900	900
11/2/2023 20:16	56802 BENV_T2	2	2	0	0.25	0.35	0.1	-1.38	-1.38	0	0	0	0	0
11/2/2023 20:16	54701 NEBL_T1	0	1	1	0	0	0	0	0	1	1	0	600	600
11/2/2023 20:17	61202 REIN_T1	53	60	7	0.49	0.7	0.21	0	0	0	0	0	0	0
11/2/2023 20:17	45501 DERR_T2	2	2	0	1.7	0	-1.7	0.5	0.52	2	2	0	1800	1800
11/2/2023 20:17	43304 WATS_T2	1	0	-1	0.3	0	-0.3	-0.36	-0.38	0	0	0	0	0
11/2/2023 20:17	56801 BENV_T1	14	20	6	0.38	0.83	0.45	-0.65	-0.66	1	1	0	600	600
11/2/2023 20:17	56802 BENV_T2	2	2	0	0.25	0.35	0.1	-1.38	-1.38	0	0	0	0	0
11/2/2023 20:18	57403 SPAN_T1	0	0	0	0	0	0	0.11	0.12	0	0	0	0	0
11/2/2023 20:18	42901 MIDD_T2	0	14	14	0	0.11	0.11	0	0	0	0	0	0	0
11/2/2023 20:18	66504 SMAN_T2	0	0	0	0	0	0	-0.39	-0.38	0	0	0	0	0
11/2/2023 20:18	44801 EDAN_T2	1	1	0	1.2	1.3	0.1	0	0	0	0	0	0	0
11/2/2023 20:18	54001 SDLE_T1	1	3	2	1.3	0.6	-0.7	0	0	0	0	0	0	0
11/2/2023 20:18	52402 GRPA_T2	4	4	0	0.78	1.13	0.35	0	0	0	0	0	0	0
11/2/2023 20:18	41901 REED_T1	9	9	0	0.39	0.39	0	0	0	0	0	0	0	0
11/2/2023 20:18	62604 ENGL_T1	0	0	0	0	0	0	-0.55	-0.54	1	1	0	600	600
11/2/2023 20:18	45501 DERR_T2	2	2	0	1.7	0	-1.7	0.5	0.52	2	2	0	1800	1800
11/2/2023 20:18	67001 STHI_T2	1	19	18	0.5	0.14	-0.36	0	0	0	0	0	0	0
11/2/2023 20:18	58402 MORO_T1	0	0	0	0	0	0	-1.02	-1.01	2	2	0	1500	1500
11/2/2023 20:19	46301 ROHR_T1	0	1	1	0	0.4	0.4	0	0	0	0	0	0	0
11/2/2023 20:19	56801 BENV_T1	14	20	6	0.38	0.83	0.45	-0.65	-0.66	1	1	0	600	600
11/2/2023 20:19	16301 ALPA_T1	0	0	0	0	0	0	-0.44	-0.39	0	0	0	0	0
11/2/2023 20:19	66703 STRA_T1	0	3	3	0	0.17	0.17	-0.29	-0.25	0	0	0	0	0
11/2/2023 20:19	64802 MONE_T2	61	7	-54	0.28	0.14	-0.14	-0.01	-0.01	0	0	0	0	0
11/2/2023 20:19	54001 SDLE_T1	1	3	2	1.3	0.6	-0.7	0	0	0	0	0	0	0
11/2/2023 20:20	49804 UNIV_T1	0	1	1	0	0	0	0	0	0	0	0	0	0
11/2/2023 20:20	58402 MORO_T1	0	0	0	0	0	0	-1.02	-1.01	2	2	0	1500	1500
11/2/2023 20:21	52402 GRPA_T2	4	4	0	0.78	1.13	0.35	0	0	0	0	0	0	0
11/2/2023 20:21	56801 BENV_T1	14	20

Appendix C - Grid Benefits Achieved in Each Instance of Active Management

11/1/2023 0:28	10801 CHNI_T1	0	0	0	0	0	0	-0.93	-0.9	1	1	0	900	900	0
11/1/2023 0:28	44801 EDAN_T2	2	1	-1	1	0.3	-0.7	0	0	0	0	0	0	0	0
11/1/2023 0:28	15001 BLMO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/1/2023 0:28	29401 BELT_T1	0	0	0	0	0	0	0	0	4	4	0	3600	3600	0
11/1/2023 0:28	46801 HEPB_T2	0	1	1	0	0.1	0.1	0.52	0.47	0	0	0	0	0	0
11/1/2023 0:28	41901 REED_T1	0	0	0	0	0	0	-1.45	-1.46	1	1	0	900	900	0
11/1/2023 0:28	14403 SSLA_T1	0	0	0	0	0	0	0.67	0.68	0	0	0	0	0	0
11/1/2023 0:28	65001 NEFF_T2	3	0	-3	0.1	0	-0.1	0	0	0	0	0	0	0	0
11/1/2023 0:28	13704 SCHN_T2	0	0	0	0	0	0	-1.09	-1.12	0	0	0	0	0	0
11/1/2023 0:28	67002 STHI_T2	0	0	0	0	0	0	0.46	0.46	0	0	0	0	0	0
11/1/2023 0:28	57401 SPAN_T1	0	0	0	0	0	0	-4.65	-4.55	5	5	0	3000	3000	0
11/1/2023 0:28	62604 ENGL_T1	0	0	0	0	0	0	-1.14	-1.12	2	2	0	1200	1200	0
11/1/2023 0:28	59101 WALK_T2	1	1	0	0	0	0	2.64	2.87	0	0	0	0	0	0
11/1/2023 0:28	53903 HAU_T2	2	1	-1	0.15	0.1	-0.05	-0.14	-0.14	0	0	0	0	0	0
11/1/2023 0:28	64204 KINZ_T1	134	136	2	0.82	0.75	-0.07	0	0	0	0	0	0	0	0
11/1/2023 0:28	46302 ROHR_T1	3	4	1	0.73	0.68	-0.05	-0.45	-0.44	0	0	0	0	0	0
11/1/2023 0:28	67204 TEHI_T2	0	0	0	0	0	0	-0.23	-0.22	0	0	0	0	0	0
11/1/2023 0:28	65604 QVIL_T2	0	0	0	0	0	0	0.54	0.58	0	0	0	0	0	0
11/1/2023 0:28	53501 EVIL_T2	9	10	1	0.52	0.9	0.38	-0.68	-0.66	0	0	0	0	0	0
11/1/2023 0:28	28403 HART_T2	0	0	0	0	0	0	-0.73	-0.75	1	1	0	900	900	0
11/1/2023 0:28	55002 NEWP_T1	0	3	3	0	0.1	0.1	-0.26	-0.28	0	0	0	0	0	0
11/1/2023 0:28	25801 SUTR_T2	0	0	0	0	0	0	-0.03	-0.02	0	0	0	0	0	0
11/1/2023 0:28	13901 SEID_T1	0	0	0	0	0	0	0.19	0.2	0	0	0	0	0	0
11/1/2023 0:28	56802 BENV_T2	0	0	0	0	0	0	-7.25	-7.4	0	0	0	0	0	0
11/1/2023 0:28	39601 LNFD_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/1/2023 0:28	66505 SMAN_T2	3	0	-3	0.27	0	-0.27	-0.52	-0.51	1	1	0	900	900	0
11/1/2023 0:28	52502 PROG_T2	0	0	0	0	0	0	-0.63	-0.57	1	1	0	900	900	0
11/1/2023 0:28	46602 LACR_T1	0	0	0	0	0	0	-0.16	-0.13	0	0	0	0	0	0
11/1/2023 0:28	46001 BERW_T1	0	0	0	0	0	0	0.76	0.66	0	0	0	0	0	0
11/1/2023 0:28	41801 GOCI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/1/2023 0:28	12701 MACU_T1	0	0	0	0	0	0	0.08	0.1	0	0	0	0	0	0
11/1/2023 0:28	50701 SMEC_T1	0	0	0	0	0	0	-1.04	-1.02	1	1	0	900	900	0
11/1/2023 0:28	46203 DANV_T2	0	0	0	0	0	0	-1.4	-1.41	0	0	0	0	0	0
11/1/2023 0:30	57401 SPAN_T1	0	0	0	0	0	0	-0.93	-0.91	1	1	0	600	600	0
11/1/2023 0:32	28604 BLYT_T2	0	0	0	0	0	0	-1.37	-1.39	0	0	0	0	0	0
11/1/2023 0:34	53903 HAU_T2	0	1	1	0	0.1	0.1	-0.14	-0.14	0	0	0	0	0	0
11/1/2023 1:07	65001 NEFF_T2	0	0	0	0	0	0	-1.16	-1.26	1	1	0	1200	1200	0
11/1/2023 1:22	65001 NEFF_T2	0	0	0	0	0	0	-1.26	-1.28	1	1	0	1200	1200	0
11/1/2023 3:30	65001 NEFF_T2	0	0	0	0	0	0	-1.31	-1.33	1	1	0	1200	1200	0
11/1/2023 3:52	65001 NEFF_T2	0	0	0	0	0	0	-1.33	-1.38	1	1	0	1200	1200	0
11/1/2023 6:54	46204 DANV_T2	10	9	-1	0.39	0.7	0.31	0	0	0	0	0	0	0	0
11/1/2023 7:12	65001 NEFF_T2	0	0	0	0	0	0	-0.7	-0.66	1	1	0	1200	1200	0
11/1/2023 7:17	54701 NEBL_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/1/2023 7:52	45501 DERR_T2	14	15	1	0.44	0.49	0.05	1.32	1.25	2	2	0	1800	1800	0
11/1/2023 7:53	43402 BENT_T1	0	0	0	0	0	0	-1.51	-1.51	2	2	0	1500	1500	0
11/1/2023 7:57	45501 DERR_T2	14	15	1	0.44	0.49	0.05	1.25	1.35	2	2	0	1800	1800	0
11/1/2023 8:00	42903 MIDD_T2	2	2	0	1	1.35	0.35	0	0	0	0	0	0	0	0
11/1/2023 8:00	40101 HUNT_T2	264	243	-21	0.82	0.58	-0.24	-0.38	-0.44	0	0	0	0	0	0
11/1/2023 8:02	65001 NEFF_T2	0	0	0	0	0	0	-0.59	-0.65	1	1	0	1200	1200	0
11/1/2023 8:06	65901 SAKR_T2	1	1	0	7.5	8.4	0.9	0	0	0	0	0	0	0	0
11/1/2023 8:12	46206 DANV_T2	2	0	-2	0.75	0	-0.75	0	0	0	0	0	0	0	0
11/1/2023 8:14	52403 GRPA_T2	1	1	0	0.1	0	-0.1	0	0	0	0	0	0	0	0
11/1/2023 8:14	44502 HAMI_T2	1	1	0	1.5	1.8	0.3	-0.79	-0.76	0	0	0	0	0	0
11/1/2023 8:17	45001 LIME_2	2	5	3	0.45	0.47	0.02	0	0	0	0	0	0	0	0
11/1/2023 8:17	58402 MORO_T1	0	0	0	0	0	0	-2.01	-1.94	3	3	0	2400	2400	0
11/1/2023 8:18	42902 MIDD_T2	0	0	0	0	0	0	-0.26	-0.21	1	1	0	600	600	0
11/1/2023 8:19	58402 MORO_T1	0	0	0	0	0	0	-2.01	-1.94	3	3	0	2400	2400	0
11/1/2023 8:21	54701 NEBL_T1	0	0	0	0	0	0	0	0	1	1	0	600	600	0
11/1/2023 8:29	49803 UNIV_T1	0	0	0	0	0	0	-0.99	-1	0	0	0	0	0	0
11/1/2023 8:30	55002 NEWP_T1	4	6	2	0.35	0.75	0.4	-0.15	-0.15	0	0	0	0	0	0
11/1/2023 8:33	55002 NEWP_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/1/2023 8:35	55002 NEWP_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/1/2023 8:37	65001 NEFF_T2	0	0	0	0	0	0	-0.48	-0.46	1	1	0	1200	1200	0
11/1/2023 8:38	29401 BELT_T1	24	61	37	0.18	0.32	0.14	0	0	0	0	0	0	0	0
11/1/2023 8:38	56802 BENV_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/1/2023 8:39	56802 BENV_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/1/2023 8:42	56802 BENV_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/1/2023 8:43	53601 DALM_T2	1	3	2	1.1	1	-0.1	-0.54	-0.56	1	1	0	600	600	0
11/1/2023 8:45	52402 GRPA_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/1/2023 8:47	52402 GRPA_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/1/2023 8:49	55002 NEWP_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/1/2023 8:50	59202 THOM_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/1/2023 8:51	61202 REIN_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/1/2023 8:51	55002 NEWP_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/1/2023 8:52	43304 WATS_T2	1	1	0	1.7	0	-1.7	0	0	0	0	0	0	0	0
11/1/2023 8:53	57403 SPAN_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/1/2023 8:54	29402 BELT_T1	1	4	3	8	3.03	-4.97	0	0	0	0	0	0	0	0
11/1/2023 8:55	43001 ALWD_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/1/2023 8:58	26401 INOR_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/1/2023 9:01	55002 NEWP_T1	6	8	2	0.75	0.99	0.24	-0.15	-0.2	0	0	0	0	0	0
11/1/2023 9:03	58402 MORO_T1	0	0	0	0	0	0	-1.84	-1.91	3	3	0	2400	2400	0
11/1/2023 9:04	55002 NEWP_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/1/2023 9:04	13901 SEID_T1	0	0	0	0	0	0	0.31	0.28	0	0	0	0	0	0
11/1/2023 9:05	29401 BELT_T1	58	86	28	0.32	0.36	0.04	0	0	0	0	0	0	0	0
11/1/2023 9:13	46203 DANV_T2	0	0	0	0	0	0	-2.54	-2.53	0	0	0	0	0	0
11/1/2023 9:14	45002 LIME_2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/1/2023 9:16	45002 LIME_2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/1/2023 9:16	55002 NEWP_T1	8	7	-1	0.76	1.16	0.4	-0.2	-0.18	0	0	0	0	0	0
11/1/2023 9:20	29402 BELT_T1	3	8	5	3.03	1.34	-1.69	0	0	0	0	0	0	0	0
11/1/2023 9:26	49803 UNIV_T1	0	0	0	0	0	0	-0.95	-0.95	0	0	0	0	0	0
11/1/2023 9:29	54502 ENOL_T2	1	1	0	0.3	0.6	0.3	-2.01	-2.05	1	1	0	600	600	0
11/1/2023 9:29	26401 INOR_T1	0	1	1	0	0.1	0.1	0	0	0	0	0	0	0	0
11/1/2023 9:30	42001 MNVL_T2	0	0	0	0	0	0	0.16	0.13	0	0	0	0	0	0
11/1/2023 9:30	54502 ENOL_T2	1	1	0	0.6	0.3	-0.3	-2.01	-2.05	1	1	0	600	600	0
11/1/2023 9:31	40101 HUNT_T2	43	51	8	0.46	0.48	0.02	-0.46	-0.34	0	0	0	0	0	0
11/1/2023 9:31	43202 MVIL_T2	0	0	0	0	0	0	-0.61	-0.63	0	0	0	0	0	0
11/1/2023 9:33	55002 NEWP_T1	7	12	5	1.07	0.83	-0.24	-0.18	-0.17	0	0	0	0	0	0
11/1/2023 9:35	43202 MVIL_T2	0	0	0	0	0	0	-0.61	-0.63	0	0	0	0	0	0
11/1/2023 9:35	55002 NEWP_T1	7	12	5	1.07	0.83	-0.24	-0.18	-0.17	0	0	0	0	0	0
11/1/2023 9:35	57403 SPAN_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/1/2023 9:36	43001 ALWD_T1	0	1	1	0	0.2	0.2	0	0	0	0	0	0	0	0
11/1/2023 9:37	66703 STRA_T1	0	0	0	0	0	0	-0.05	-0.04	0	0	0	0	0	0
11/1/2023 9:37	43001 ALWD_T1	0	1	1	0	0.2	0.2	0	0	0	0	0	0	0	0
11/1/2023 9:37	56802 BENV_T2	81	169	88	0.2	0.37	0.17	-1.39	-1.37	0	0	0	0	0	0
11/1/2023 9:38	56802 BENV_T2	81	169	88	0.2	0.37	0.17	-2.78	-2.74	0	0	0	0	0	0
11/1/2023 9:39	67401 WAKE_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/1/2023 9:40	56802 BENV_T2	81	169	88	0.2	0.37	0.17	-1.39	-1.37	0	0	0	0	0	0
11/1/2023 9:41	54505 ENOL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/1/2023 9:42	10801 CHNI_T1	0	2	2	0	0.4	0.4	-1.1	-1.3	2	2	0	1500	1500	0
11/1/2023 9:42	56802 BENV_T2	81	169	88	0.2	0.37	0.17	-1.37	-1.37	0	0	0	0	0	0
11/1/2023 9:44	54505 ENOL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/1/2023 9:45	26401 INOR_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/1/2023 9:48	41901 REED_T1	9	10	1	0.39	0.32	-0.07	-1.35	-1.31	1	1	0	900	900	0
11/1/2023 9:49	56501 ROCK_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/1/2023 9:49	55002 NEWP_T1	7	12	5	1.04	0.82	-0.22	-0.17	-0.2	0	0	0	0	0	0
11/1/2023 9:50	50506 MECH_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/1/2023 9:50	55002 NEWP_T1	7	12	5	1.04	0.82	-0.22	-0.17	-0.2	0	0	0	0	0	0
11/1/2023 9:51	61202 REIN_T1	55	48	-7	0.63	0.39	-0.24	0	0	0	0	0	0	0	0
11/1/2023 9:51	43304 WATS_T2	0	0	0	0	0	0	-0.15	-0.18	0	0	0	0	0	0
11/1/2023 9:51	57403 SPAN_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/1/2023 9:52	20403 ASHF_T2	0	0	0	0	0	0	1.51	1.52	0	0	0	0	0	0
11/1/2023 9:53	59202 THOM_T1	1	1	0	0.5	0.6	0.1	0	0	0	0	0	0	0	0
11/1/2023 9:55	20403 ASHF_T2	0	0	0	0	0	0	1.51	1.52	0	0	0	0	0	0
11/1/2023 9:57	60501 NMAN_T2	13	109	96	1.33	0.46	-0.87	0	0	0	0	0	0	0	0
11/1/2023 9:58	41801 GOCI_T2	4	5	1	0.45	0.4	-0.05	0	0	0	0	0	0	0	0
11/1/2023 9:59	40902 JESH_T1	0	0	0	0	0	0	-0.53	-0.57	2	2	0	1200	1200	0
11/1/2023 9:59	41801 GOCI_T2	4	5	1	0.45	0.4	-0.05	0	0	0	0	0	0	0	0
11/1/2023 10:00	43301 WATS_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/1/2023 10:00	47401 PENS_T1	1	3	2	1	0.6	-0.4	1.65	1.62	0	0	0	0	0	0
11/1/2023 10:00	54505 ENOL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/1/2023 10:00	56603 HAMP_T1	0	0	0	0	0	0	-1.17	-1.17	0	0	0	0	0	0
11/1/2023 10:00	29401 BELT_T1	103	129	26	0.39	0.42	0.03	0	0	1	1	0	900	900	0
11/1/2023 10:00	56504 ROCK_T2	0	0	0	0	0	0	-0.01	-0.01	0	0	0	0	0	0
11/1/2023 10:00	45502 DERR_T2	2	2	0	0.9	1	0.1	0	0	0	0	0	0	0	0
11/1/2023 10:00	60201 ATGL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/1/2023 10:00	62604 ENGL_T1	0	0	0	0	0	0	-0.49	-0.53	1	1	0	600	600	0
11/1/2023 10:00	55002 NEWP_T1	12	8	-4	0.81	0.94	0.13	-0.4	-0.3	0	0	0	0	0	0
11/1/2023 10:00	46004 BERW_T2	2	2	0	0.95	0	-0.95	0	0	0	0	0	0	0	0
11/1/2023 10:00	26401 INOR_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/1/2023 10:00	41901 REED_T1	10	7	-3	0.32	0.33	0.01	-1.31	-1.33	1	1	0	900	900	0
11/1/2023 10:00	64802 MONE_T2	95	97	2	0.41	0.41	0	0	0	0	0	0	0	0	0
11/1/2023 10:00	66703 STRA_T1	0	1	1	0	0.3	0.3	-0.07	-0.11	0	0	0	0	0	0
11/1/2023 10:00	54001 SDLE_T1	4	5	1	0.78	0.96	0.18	0	0	0	0	0	0	0	0
11/1/2023 10:00	20401 ASHF_T2	0	0	0	0	0	0	-0.32	-0.29	1	1	0	600	600	0
11/1/2023 10:00	50506 MECH_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/1/2023 10:00	56501 ROCK_T2	1	28	27	1.1	0.16	-0.94	0	0	0	0	0	0	0	0
11/1/2023 10:00	47101 MARL_T1	1	0	-1	0.1	0	-0.1	-1.68	-1.72	1	1	0	600	600	0
11/1/2023 10:00	57403 SPAN_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/1/2023 10:00	56802 BENV_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/1/2023 10:00	57404 SPAN_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/1/2023 10:00	52503 PROG_T2	0	0	0	0	0	0	-0.61	-0.63	1	1	0	900	900	0
11/1/2023 10:00	42902 MIDD_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/1/2023 10:00	12604 MACA_T1	0	0	0	0	0	0.43	0.4	0	0	0	0	0	0	0
11/1/2023 10:00	67605 WARW_T1	3	5	2	0.17	0.34	0.17	0	0	0	0	0	0	0	0
11/1/2023 10:00	43402 BENT_T1	0	0	0	0	0	0	-1.37	-1.38	2	2	0	1500	1500	0
11/1/2023 10:00	45802 HEGI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/1/2023 10:00	40602 PGR_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/1/2023 10:00	67502 WEWI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/1/2023 10:00	67401 WAKE_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/1/2023 10:00	54701 NEBL_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/1/2023 10:00	44802 EDAN_T2	0	0	0	0	0	0	-2.18	-2.19	1	1	0	1200	1200	0
11/1/2023 10:00	53903 HAU_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/1/2023 10:00	43301 WATS_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/1/2023 10:00	46203 DANV_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/1/2023 10:00	42802 SELI_T1	1	0	-1	0.1	0	-0.1	-6.09	-6	3	3	0	2700	2700	0
11/1/2023 10:02	15604 NSTR_T1	1	1	0	0.7	0.7	0	0	0	0	0	0	0	0	0
11/1/2023 10:04	42903 MIDD_T2	2	2	0	0.7	1	0.3	0	0	0	0	0	0	0	0
11/1/2023 10:06	46803 HEPB_T2	0	1	1	0	0.5	0.5	0	0	0	0	0	0	0	0
11/1/2023 10:06	42802 SELI_T1	1	0	-1	0.1	0	-0.1	-2.03	-2	1	1	0	900	900	0
11/1/2023 10:06	52501 PROG_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/1/2023 10:07	57401 SPAN_T1	51	155	104	0.25	0.35	0.1	-1.85	-1.95	2	2	0	1200	1200	0
11/1/2023 10:07	28604 BLYT_T2	0	0	0	0	0	0	-1.36	-1.38	0	0	0	0	0	0
11/1/2023 10:07	67503 WEWI_T2	1	0	-1	1.7	0	-1.7	-0.46	-0.48	0	0	0	0	0	0
11/1/2023 10:07	57401 SPAN_T1	51	155	104	0.25	0.35	0.1	-1.85	-1.95	2	2	0	1200	1200	0
11/1/2023 10:07	29401 BELT_T1	103	129	26	0.39	0.42	0.03	0	0	0	0	0	0	0	0
11/1/2023 10:07	54001 SDLE_T1	4	5	1	0.78	0.96	0.18	0	0	0	0	0	0	0	0
11/1/2023 10:07	47401 PENS_T1	1	3	2	1	0.6	-0.4	0.83	0.81	0	0	0	0	0	0
11/1/2023 10:08	20403 ASHF_T2	0	0	0	0	0	0	1.52	1.37	0	0	0	0	0	0
11/1/2023 10:08	57403 SPAN_T1	28	100	72	0.46	0.3	-0.16	0	0	0	0	0	0	0	0
11/1/2023 10:08	43001 ALWD_T1	1	1	0	0.2	0.4	0.2	0	0	0	0	0	0	0	0
11/1/2023 10:08	59202 THOM_T1	1	3	2	0.4	0.4	0	0	0

Appendix C - Grid Benefits Achieved in Each Instance of Active Management

11/3/2023 10:19	42902 MIDD_T2	0	4	4	0	0.15	0.15	0	0	0	0	0	0	0	0
11/3/2023 10:19	50506 MECH_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/3/2023 10:20	14401 SSLA_T1	0	1	1	0	0.9	0.9	0	0	0	0	0	0	0	0
11/3/2023 10:20	13904 SEID_T1	0	4	4	0	0	0	0	0	0	0	0	0	0	0
11/3/2023 10:20	66505 SMAN_T2	3	3	0	0.17	0.27	0.1	0	0	0	0	0	0	0	0
11/3/2023 10:20	57401 SPAN_T1	16	232	216	0.34	0.37	0.03	-0.98	-1	1	1	0	600	600	0
11/3/2023 10:20	67502 WEWI_T2	1	5	4	0.8	0.3	-0.5	-0.25	-0.16	0	0	0	0	0	0
11/3/2023 10:21	67502 WEWI_T2	1	5	4	0.8	0.3	-0.5	-0.25	-0.16	0	0	0	0	0	0
11/3/2023 10:21	57401 SPAN_T1	16	232	216	0.34	0.37	0.03	-0.98	-1	1	1	0	600	600	0
11/3/2023 10:21	43804 WATS_T2	0	0	0	0	0	0	-0.23	-0.19	0	0	0	0	0	0
11/3/2023 10:21	52502 PROG_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/3/2023 10:22	57403 SPAN_T1	51	111	60	0.35	0.3	-0.05	0	0	0	0	0	0	0	0
11/3/2023 10:22	65901 SAKR_T2	1	1	0	9	9.3	0.3	0	0	0	0	0	0	0	0
11/3/2023 10:22	46702 RENO_T1	0	0	0	0	0	0	-0.16	-0.15	0	0	0	0	0	0
11/3/2023 10:22	54701 NEBL_T1	0	1	1	0	0.3	0.3	0	0	1	1	0	600	600	0
11/3/2023 10:22	52502 PROG_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/3/2023 10:22	56802 BENV_T2	122	162	40	0.24	0.3	0.06	-2.76	-2.56	0	0	0	0	0	0
11/3/2023 10:22	66505 SMAN_T2	3	3	0	0.17	0.27	0.1	-0.14	-0.2	2	2	0	1100	1100	0
11/3/2023 10:22	56501 ROCK_T2	1	49	48	0.1	0.18	0.08	-1.44	-1.5	0	0	0	0	0	0
11/3/2023 10:22	42201 SHEN_T2	0	0	0	0	0	0	-0.26	-0.24	1	1	0	600	600	0
11/3/2023 10:23	52502 PROG_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/3/2023 10:23	67502 WEWI_T2	1	5	4	0.8	0.3	-0.5	-0.25	-0.16	0	0	0	0	0	0
11/3/2023 10:23	15001 BLMO_T1	0	2	2	0	0.3	0.3	0	0	0	0	0	0	0	0
11/3/2023 10:24	46205 DANV_T2	0	1	1	0	0	0	0	0	0	0	0	0	0	0
11/3/2023 10:24	56802 BENV_T2	122	162	40	0.24	0.3	0.06	-2.76	-2.56	0	0	0	0	0	0
11/3/2023 10:24	42701 AUGU_T1	0	1	1	0	0.1	0.1	0	0	2	2	0	1800	1800	0
11/3/2023 10:25	56802 BENV_T2	122	162	40	0.24	0.3	0.06	-4.14	-3.84	0	0	0	0	0	0
11/3/2023 10:25	67502 WEWI_T2	1	5	4	0.8	0.3	-0.5	-0.25	-0.16	0	0	0	0	0	0
11/3/2023 10:26	54503 ENOL_T2	0	0	0	0	0	0	-0.35	-0.37	1	1	0	600	600	0
11/3/2023 10:26	42701 AUGU_T1	0	1	1	0	0.1	0.1	0	0	2	2	0	1800	1800	0
11/3/2023 10:26	54505 ENOL_T2	1	1	0	0.7	1.3	0.6	0	0	0	0	0	0	0	0
11/3/2023 10:26	15001 BLMO_T1	0	2	2	0	0.3	0.3	0	0	0	0	0	0	0	0
11/3/2023 10:27	46205 DANV_T2	0	1	1	0	0	0	0	0	0	0	0	0	0	0
11/3/2023 10:27	54505 ENOL_T2	1	1	0	0.7	1.3	0.6	0	0	0	0	0	0	0	0
11/3/2023 10:27	15001 BLMO_T1	0	2	2	0	0.3	0.3	0	0	0	0	0	0	0	0
11/3/2023 10:28	54502 ENOL_T2	1	1	0	0.2	0.7	0.5	-2.07	-2.08	1	1	0	600	600	0
11/3/2023 10:28	56802 BENV_T2	122	162	40	0.24	0.3	0.06	-1.28	-1.31	0	0	0	0	0	0
11/3/2023 10:28	46504 LOHA_T1	2	2	0	1.15	1.5	0.35	0	0	0	0	0	0	0	0
11/3/2023 10:28	54502 ENOL_T2	1	1	0	0.2	0.7	0.5	-2.07	-2.08	1	1	0	600	600	0
11/3/2023 10:29	52403 GRPA_T2	6	7	1	0.4	0.49	0.09	0.07	0.07	0	0	0	0	0	0
11/3/2023 10:30	41801 GOCI_T2	4	18	14	0.48	0.32	-0.16	0	0	0	0	0	0	0	0
11/3/2023 10:30	45802 HEGI_T2	0	0	0	0	0	0	1.05	1.08	0	0	0	0	0	0
11/3/2023 10:32	53903 HALI_T2	2	4	2	1.3	0.75	-0.55	-0.14	-0.13	0	0	0	0	0	0
11/3/2023 10:32	54701 NEBL_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/3/2023 10:33	54204 PENN_T2	3	4	1	0.4	0.35	-0.05	0	0	0	0	0	0	0	0
11/3/2023 10:33	42902 MIDD_T2	0	13	13	0	0.18	0.18	-0.28	-0.44	1	1	0	600	600	0
11/3/2023 10:33	54202 PENN_T2	11	33	22	0.13	0.13	0	0.74	0.74	0	0	0	0	0	0
11/3/2023 10:34	66701 STRA_T1	1	1	0	0.2	0.4	0.2	0	0	0	0	0	0	0	0
11/3/2023 10:34	52502 PROG_T2	0	0	0	0	0	0	0.39	0.4	0	0	0	0	0	0
11/3/2023 10:35	43304 WATS_T2	0	0	0	0	0	0	-0.19	-0.26	0	0	0	0	0	0
11/3/2023 10:35	42201 SHEN_T2	0	0	0	0	0	0	-0.24	-0.29	1	1	0	600	600	0
11/3/2023 10:36	43301 WATS_T2	0	1	1	0	0.7	0.7	-0.62	-0.62	1	1	0	900	900	0
11/3/2023 10:37	57403 SPAN_T1	100	89	-11	0.3	0.35	0.05	0	0	0	0	0	0	0	0
11/3/2023 10:37	43304 WATS_T2	0	0	0	0	0	0	-0.37	-0.53	0	0	0	0	0	0
11/3/2023 10:37	56802 BENV_T2	63	252	189	0.23	0.39	0.16	-1.28	-1.31	0	0	0	0	0	0
11/3/2023 10:37	64101 REFR_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/3/2023 10:38	51302 WIND_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/3/2023 10:38	46302 ROHR_T1	4	4	0	1.3	1.43	0.13	0	0	0	0	0	0	0	0
11/3/2023 10:38	56802 BENV_T2	63	252	189	0.23	0.39	0.16	-1.28	-1.31	0	0	0	0	0	0
11/3/2023 10:39	43304 WATS_T2	0	0	0	0	0	0	-0.19	-0.26	0	0	0	0	0	0
11/3/2023 10:40	59102 WALK_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/3/2023 10:40	43301 WATS_T2	0	1	1	0	0.7	0.7	-1.25	-1.23	2	2	0	1800	1800	0
11/3/2023 10:41	43304 WATS_T2	0	0	0	0	0	0	-0.26	-0.15	0	0	0	0	0	0
11/3/2023 10:41	60201 ATGL_T2	0	0	0	0	0	0	0.46	0.49	0	0	0	0	0	0
11/3/2023 10:41	20401 ASHF_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/3/2023 10:41	56802 BENV_T2	63	252	189	0.23	0.39	0.16	-2.62	-2.62	0	0	0	0	0	0
11/3/2023 10:42	64204 WNZ_T1	2	3	1	0.55	0.67	0.12	0	0	0	0	0	0	0	0
11/3/2023 10:42	28601 BLYT_T2	0	1	1	0	0	0	0	0	0	0	0	0	0	0
11/3/2023 10:42	61303 EARL_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/3/2023 10:42	54502 ENOL_T2	1	1	0	0.6	0.7	0.1	0	0	0	0	0	0	0	0
11/3/2023 10:43	61803 EELI_T2	1	1	0	0.4	0.9	0.5	0	0	0	0	0	0	0	0
11/3/2023 10:44	54502 ENOL_T2	1	1	0	0.6	0.7	0.1	0	0	0	0	0	0	0	0
11/3/2023 10:45	59302 MCAL_T1	2	2	0	0.15	0.35	0.2	-0.01	0	1	1	0	600	600	0
11/3/2023 10:45	61803 EELI_T2	1	1	0	0.8	0.9	0.1	0	0	0	0	0	0	0	0
11/3/2023 10:45	46602 LACR_T1	0	0	0	0	0	0	-0.46	-0.53	0	0	0	0	0	0
11/3/2023 10:46	13105 NHAM_T2	0	7	7	0	0.1	0.1	-0.26	-0.27	1	1	0	1200	1200	0
11/3/2023 10:48	65601 QVIL_T2	3	3	0	0.2	0.3	0.1	0	0	0	0	0	0	0	0
11/3/2023 10:48	13701 SCHN_T2	3	3	0	0.3	0.33	0.03	0	0	0	0	0	0	0	0
11/3/2023 10:49	42902 MIDD_T2	4	20	16	0.15	0.26	0.11	-0.44	-0.4	1	1	0	600	600	0
11/3/2023 10:50	42201 SHEN_T2	0	1	1	0	0.2	0.2	-0.29	-0.28	1	1	0	600	600	0
11/3/2023 10:50	13704 SCHN_T2	3	1	-2	0.17	0.2	0.03	-0.32	-0.31	0	0	0	0	0	0
11/3/2023 10:50	67001 STHI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/3/2023 10:50	57401 SPAN_T1	227	213	-14	0.36	0.35	-0.01	0	0	0	0	0	0	0	0
11/3/2023 10:51	57401 SPAN_T1	227	213	-14	0.36	0.35	-0.01	-0.96	-0.99	1	1	0	600	600	0
11/3/2023 10:51	56501 ROCK_T2	44	77	33	0.19	0.23	0.04	-2.95	-2.97	0	0	0	0	0	0
11/3/2023 10:51	60701 BREC_T1	0	0	0	0	0	0	-0.19	-0.09	2	2	0	1200	1200	0
11/3/2023 10:51	58302 NOTT_T1	0	0	0	0	0	0	-0.46	-0.46	1	1	0	1200	1200	0
11/3/2023 10:51	65604 QVIL_T2	0	0	0	0	0	0	0.41	0.35	0	0	0	0	0	0
11/3/2023 10:52	27502 WEIS_T2	0	0	0	0	0	0	-0.41	-0.42	0	0	0	0	0	0
11/3/2023 10:52	56501 ROCK_T2	44	77	33	0.19	0.23	0.04	-1.47	-1.48	0	0	0	0	0	0
11/3/2023 10:52	16301 ALPA_T1	26	15	-11	0.18	0.21	0.03	-0.39	-0.4	0	0	0	0	0	0
11/3/2023 10:52	57404 SPAN_T2	0	0	0	0	0	0	0.28	0.16	1	1	0	1200	1200	0
11/3/2023 10:52	67203 TEHI_T1	0	0	0	0	0	0	2.42	2.44	2	2	0	1500	1500	0
11/3/2023 10:53	67201 TEHI_T1	0	0	0	0	0	0	0.27	0.42	2	2	0	1500	1500	0
11/3/2023 10:53	16301 ALPA_T1	26	15	-11	0.18	0.21	0.03	-0.39	-0.4	0	0	0	0	0	0
11/3/2023 10:54	45501 DERR_T2	0	1	1	0	0	0	0.82	0.9	2	2	0	1800	1800	0
11/3/2023 10:54	57403 SPAN_T1	79	94	15	0.31	0.34	0.03	0.15	0.14	0	0	0	0	0	0
11/3/2023 10:54	60201 ATGL_T2	0	0	0	0	0	0	0.46	0.49	0	0	0	0	0	0
11/3/2023 10:55	45502 DERR_T2	2	3	1	0.85	1.13	0.28	0	0	0	0	0	0	0	0
11/3/2023 10:56	54502 ENOL_T2	1	1	0	0.7	0.7	0	0	0	0	0	0	0	0	0
11/3/2023 10:56	15001 BLMO_T1	2	1	-1	0.3	0.2	-0.1	0	0	0	0	0	0	0	0
11/3/2023 10:56	44302 BEAV_T2	0	3	3	0	0.2	0.2	0	0	0	0	0	0	0	0
11/3/2023 10:56	16301 ALPA_T1	26	15	-11	0.18	0.21	0.03	-0.8	-0.82	0	0	0	0	0	0
11/3/2023 10:58	52402 GRPA_T2	6	13	7	1.23	0.82	-0.41	0	0	0	0	0	0	0	0
11/3/2023 10:58	39601 LNFD_T1	0	2	2	0	0	0	0	0	0	0	0	0	0	0
11/3/2023 10:58	28403 HART_T2	0	3	3	0	0	0	-0.85	-0.86	1	1	0	900	900	0
11/3/2023 10:59	54503 ENOL_T2	0	0	0	0	0	0	-0.41	-0.41	1	1	0	600	600	0
11/3/2023 10:59	54502 ENOL_T2	1	1	0	0.7	0.7	0	0	0	0	0	0	0	0	0
11/3/2023 10:59	26401 INOR_T1	0	2	2	0	0.2	0.2	0.92	0.82	0	0	0	0	0	0
11/3/2023 11:01	47802 MOCA_T2	1	1	0	0.3	0.5	0.2	-0.85	-0.83	0	0	0	0	0	0
11/3/2023 11:04	47401 PENS_T1	12	23	11	0.39	0.37	-0.02	1.9	1.95	0	0	0	0	0	0
11/3/2023 11:04	64101 REFR_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/3/2023 11:04	54202 PENN_T2	24	26	2	0.14	0.14	0	0	0	0	0	0	0	0	0
11/3/2023 11:04	52502 PROG_T2	0	0	0	0	0	0	0.39	0.38	0	0	0	0	0	0
11/3/2023 11:06	47403 PENS_T1	4	6	2	1.05	0.52	-0.53	0	0	0	0	0	0	0	0
11/3/2023 11:06	67001 STHI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/3/2023 11:08	20401 ASHF_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/3/2023 11:09	60801 BUCK_T1	1	1	0	0.3	0.2	-0.1	0	0	0	0	0	0	0	0
11/3/2023 11:09	43301 WATS_T2	1	2	1	0.4	0.4	0	0	0	0	0	0	0	0	0
11/3/2023 11:09	43304 WATS_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/3/2023 11:09	60201 ATGL_T2	0	0	0	0	0	0	0.49	0.38	0	0	0	0	0	0
11/3/2023 11:10	54502 ENOL_T2	1	1	0	0.7	0.8	0.1	0	0	0	0	0	0	0	0
11/3/2023 11:11	53902 HALI_T2	0	1	1	0	0.1	0.1	-0.81	-0.87	0	0	0	0	0	0
11/3/2023 11:11	41801 GOCI_T2	18	113	95	0.31	0.28	-0.03	0	0	0	0	0	0	0	0
11/3/2023 11:12	49804 UNIV_T1	3	2	-1	0.33	0.25	-0.08	0	0	0	0	0	0	0	0
11/3/2023 11:12	60801 BUCK_T1	1	1	0	0.3	0.2	-0.1	0.24	0.2	0	0	0	0	0	0
11/3/2023 11:12	43402 BENT_T1	2	3	1	0.25	0.33	0.08	-1.39	-1.38	2	2	0	1500	1500	0
11/3/2023 11:12	60803 BUCK_T1	4	2	-2	0.25	0.25	0	-0.81	-0.86	1	1	0	600	600	0
11/3/2023 11:13	28602 BLYT_T2	0	1	1	0	0.1	0.1	0	0	0	0	0	0	0	0
11/3/2023 11:14	64301 LINC_T1	0	0	0	0	0	0	-0.01	0.03	1	1	0	600	600	0
11/3/2023 11:15	42902 MIDD_T2	19	20	1	0.25	0.25	0	-0.4	-0.41	1	1	0	600	600	0
11/3/2023 11:15	40101 HUNT_T2	0	0	0	0	0	0	-0.78	-0.6	0	0	0	0	0	0
11/3/2023 11:15	12701 MACU_T1	0	0	0	0	0	0	0.07	0.04	0	0	0	0	0	0
11/3/2023 11:15	45702 LIND_T2	1	2	1	0.5	0.55	0.05	-0.43	-0.44	0	0	0	0	0	0
11/3/2023 11:16	45002 LIME_2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/3/2023 11:16	12701 MACU_T1	0	0	0	0	0	0	0.07	0.04	0	0	0	0	0	0
11/3/2023 11:16	52502 PROG_T2	0	0	0	0	0	0	0.38	0.32	0	0	0	0	0	0
11/3/2023 11:16	40101 HUNT_T2	0	0	0	0	0	0	-0.39	-0.3	0	0	0	0	0	0
11/3/2023 11:17	13302 ORVI_T2	2	4	2	0.85	0.53	-0.32	1.06	1.05	0	0	0	0	0	0
11/3/2023 11:17	64101 REFR_T1	0	0	-1	0.3	0	-0.3	0.12	0.09	0	0	0	0	0	0
11/3/2023 11:18	12701 MACU_T1	0	0	0	0	0	0	0.07	0.04	0	0	0	0	0	0
11/3/2023 11:18	52502 PROG_T2	0	0	0	0	0	0	0.77	0.65	0	0	0	0	0	0
11/3/2023 11:19	41902 REED_T1	0	2	2	0	0.1	0.1	1.14	1.06	0	0	0	0	0	0
11/3/2023 11:19	52502 PROG_T2	0	0	0	0	0	0	0.38	0.32	0	0	0	0	0	0
11/3/2023 11:19	42801 SELI_T1	2	1	-1	1	0	-1	0	0	0	0	0	0	0	0
11/3/2023 11:19	12701 MACU_T1	0	0	0	0	0	0	0.07	0.04	0	0	0	0	0	0
11/3/2023 11:20	42801 SELI_T1	2	1	-1	1	0	-1	0	0	0	0	0	0	0	0
11/3/2023 11:20	52502 PROG_T2	0	0	0	0	0	0	0.38	0.32	0	0	0	0	0	0
11/3/2023 11:20	41902 REED_T1	0	2	2	0	0.1	0.1	1.14	1.06	0	0	0	0	0	0
11/3/2023 11:20	13606 RICH_T2	0	0	0	0	0	0	1.43	1.44	0	0	0	0	0	0
11/3/2023 11:21	55105 WERT_T1	0	0	0	0	0	0	-0.66	-0.66	1	1	0	900	900	0
11/3/2023 11:21	52502 PROG_T2	0	0	0	0	0	0	0.77	0.65	0	0	0	0	0	0
11/3/2023 11:21	54601 SUMM_T2	13	13	0	0.55	0.92	0.37	-1.87	-1.87	2	2	0	2100	2100	0
11/3/2023 11:21	66505 SMAN_T2	0	3	3	0	0.5	0.5	0	0	0	0	0	0	0	0
11/3/2023 11:21	41902 REED_T1	0	2	2	0	0.1	0.1	1.14	1.06	0	0	0	0	0	0
11/3/2023 11:21	42801 SELI_T1	2	1	-1	1	0	-1	0	0	0	0	0	0	0	0
11/3/2023 11:21	42701 AUGU_T1	3	4	1	0.27	0.28	0.01	0	0	2	2	0	1800	1800	0
11/3/2023 11:21	67002 STHI_T2	18	54	36	0.33	0.28	-0.05	1.32	1.3	0	0	0	0	0	0
11/3/2023 11:22	54603 SUMM_T2	2	2	0	0.35	0.4	0.05	0	0	0	0	0	0	0	0
11/3/2023 11:22	67001 STHI_T2	11	313	302	0.28	0.14	-0.14	0	0	0	0	0	0	0	0
11/3/2023 11:22	42801 SELI_T1	2	1	-1	1	0	-1	0	0	0	0	0	0	0	0
11/3/2023 11:22	43301 WATS_T2	2	3	1	0.15	0.5	0.35	0	0	0	0	0	0	0	0
11/3/2023 11:22	67402 WAKE_T2	3	3	0	0.33	0.57	0.24	0	0	0	0	0	0	0	0
11/3/2023 11:22	52502 PROG_T2	0	0	0	0	0	0	0.38	0.32	0	0	0	0	0	0
11/3/2023 11:23	67002 STHI_T2	18	54	36	0.33	0.28	-0.05	0.66	0.65	0	0	0	0	0	0
11/3/2023 11:23	54602 SUMM_T2	15	15	0	0.41	0.71	0.3	0	0	0	0	0	0	0	0
11/3/2023 11:23	14404 SSLA_T1	1	5	4	0.2	0.2	0	0	0	0	0	0	0	0	0
11/3/2023 11:23	45402 WBLO_T2	2	3	1	0.1	0.57	0.47	-0.66	-0.68	0	0	0	0	0	0
11/3/2023 11:24	57402 SPAN_T2	119	259	140	0.24	0.28	0.04	-1.21	-1.21	0	0	0	0	0	0
11/3/2023 11:24	54505 ENOL_T2	1	1	0	1.2	1.3	0.1	-1.24	-1.24	1	1	0	600	600	0
11/3/2023 11:24	45501 DERR_T2	0	2	2	0	0.3	0.3	0.99	1.14	2	2	0	1800	1800	0
11/3/2023 11:25	45501 DERR_T2	0	2	2	0	0.3	0.3	0.99	1.14	2	2	0	1800	1800	0
11/3/2023 11:25	67502 WEWI_T2	6	11	5	0.18	0.34	0.16	0	0	0	0	0	0	0	0
11/3/2023 11:25	42701 AUGU_T1	3	4	1	0.27	0.28	0.01	0	0	2	2	0	1800	1800	0
11/3/2023 11:25	10805 CHHI_T2	3	8	5	2.73	1.21	-1.52	-1.24	-1.31	2	2	0	1800	1800	0
11/3/2023 11:26	54505 ENOL_T2	1	1	0	1.2	1.3	0.1	0	0	0	0	0	0	0	0
11/3/2023 11:26	46002 BERW_T2	0	1	1	0	0.5	0.5	0	0	0	0	0	0	0	0
11/3/2023 11:26	61803 EELI_T2	1	1	0	0.8	1.3	0.5	0	0	0	0	0	0	0	0
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11/3/2023 11:40	54204 PENN_T2	4	4	0	0.38	0.4	0.02	0	0	0	0	0	0	0	0
11/3/2023 11:40	27502 WEIS_T2	0	0	0	0	0	0	-0.44	-0.5	0	0	0	0	0	0
11/3/2023 11:42	62604 ENGL_T1	0	0	0	0	0	0	-1.32	-1.37	3	3	0	1800	1800	0
11/3/2023 11:43	49804 UNIV_T1	2	5	3	0.25	0.24	-0.01	0	0	0	0	0	0	0	0
11/3/2023 11:43	61302 EARL_T1	1	1	0	1.1	1.5	0.4	0	0	0	0	0	0	0	0
11/3/2023 11:44	45003 LIME_2	1	1	0	4.6	5	0.4	0	0	1	1	0	1200	1200	0
11/3/2023 11:46	26402 INOR_T1	0	3	3	0	0.27	0.27	0	0	0	0	0	0	0	0
11/3/2023 11:46	45001 LIME_2	35	28	-7	0.43	0.36	-0.07	0	0	0	0	0	0	0	0
11/3/2023 11:46	25402 LAHA_T2	0	0	0	0	0	0	-0.45	-0.44	0	0	0	0	0	0
11/3/2023 11:47	59001 MIFF_T1	3	0	-3	0.57	0	-0.57	0	0	0	0	0	0	0	0
11/3/2023 11:48	42802 SELI_T1	0	0	0	0	0	0	-1.04	-1.04	0	0	0	0	0	0
11/3/2023 11:48	54001 SDLE_T1	7	10	3	1.01	1.14	0.13	0	0	0	0	0	0	0	0
11/3/2023 11:48	56504 ROCK_T2	4	5	1	0.18	0.2	0.02	0	0	0	0	0	0	0	0
11/3/2023 11:48	13701 SCHN_T2	3	8	5	0.2	0.38	0.18	0	0	0	0	0	0	0	0
11/3/2023 11:48	58302 NOTT_T1	0	0	0	0	0	0	-0.46	-0.46	1	1	0	1200	1200	0
11/3/2023 11:49	67001 STHI_T2	297	574	277	0.14	0.24	0.1	0	0	0	0	0	0	0	0
11/3/2023 11:49	56501 ROCK_T2	139	8	-131	0.22	0.39	0.17	-1.57	-0.23	0	0	0	0	0	0
11/3/2023 11:49	42801 SELI_T1	1	1	0	0	0	0	0	0	0	0	0	0	0	0
11/3/2023 11:49	46903 MNTG_T2	3	4	1	0.47	0.35	-0.12	0.14	0.1	1	1	0	600	600	0
11/3/2023 11:49	59003 MIFF_T1	0	0	0	0	0	0	-0.13	-0.06	0	0	0	0	0	0
11/3/2023 11:50	67001 STHI_T2	297	574	277	0.14	0.24	0.1	0	0	0	0	0	0	0	0
11/3/2023 11:50	56504 ROCK_T2	4	5	1	0.18	0.2	0.02	0	0	0	0	0	0	0	0
11/3/2023 11:50	42802 SELI_T1	0	0	0	0	0	0	-1.04	-1.04	0	0	0	0	0	0
11/3/2023 11:50	13905 SEID_T1	1	2	1	0.3	0.4	0.1	0	0	0	0	0	0	0	0
11/3/2023 11:50	43301 WATS_T2	3	4	1	0.5	0.45	-0.05	0	0	0	0	0	0	0	0
11/3/2023 11:51	42802 SELI_T1	0	0	0	0	0	0	-2.08	-2.08	0	0	0	0	0	0
11/3/2023 11:51	13701 SCHN_T2	3	8	5	0.2	0.38	0.18	0	0	0	0	0	0	0	0
11/3/2023 11:51	43301 WATS_T2	3	4	1	0.5	0.45	-0.05	0	0	0	0	0	0	0	0
11/3/2023 11:52	54001 SDLE_T1	7	10	3	1.01	1.14	0.13	0	0	0	0	0	0	0	0
11/3/2023 11:52	54206 PENN_T2	46	104	58	0.15	0.14	-0.01	0	0	0	0	0	0	0	0
11/3/2023 11:52	56501 ROCK_T2	139	8	-131	0.22	0.39	0.17	-1.57	-0.23	0	0	0	0	0	0
11/3/2023 11:52	43304 WATS_T2	0	0	0	0	0	0	-0.2	-0.139	2	0	0	0	0	0
11/3/2023 11:52	67002 STHI_T2	50	212	162	0.28	0.22	-0.06	1.32	1.32	0	0	0	0	0	0
11/3/2023 11:52	42801 SELI_T1	1	1	0	0	0	0	0	0	0	0	0	0	0	0
11/3/2023 11:53	43301 WATS_T2	3	4	1	0.5	0.45	-0.05	-0.59	-0.59	1	1	0	900	900	0
11/3/2023 11:53	43301 WATS_T2	3	4	1	0.5	0.45	-0.05	-0.59	-0.59	1	1	0	900	900	0
11/3/2023 11:53	56501 ROCK_T2	139	8	-131	0.22	0.39	0.17	-1.57	-0.23	0	0	0	0	0	0
11/3/2023 11:53	67605 WARW_T1	16	24	8	0.41	0.36	-0.05	-1.29	-1.31	0	0	0	0	0	0
11/3/2023 11:53	43001 ALWD_T1	3	7	4	0.37	0.37	0	0	0	0	0	0	0	0	0
11/3/2023 11:53	42802 SELI_T1	0	0	0	0	0	0	-3.12	-3.12	0	0	0	0	0	0
11/3/2023 11:53	66703 STRA_T1	5	12	7	0.42	0.37	-0.05	-0.15	-0.14	0	0	0	0	0	0
11/3/2023 11:54	43302 WATS_T2	4	4	0	0.6	0.6	0	0	0	0	0	0	0	0	0
11/3/2023 11:54	13601 RICH_T2	0	1	1	0	0.3	0.3	0	0	0	0	0	0	0	0
11/3/2023 11:54	66703 STRA_T1	5	12	7	0.42	0.37	-0.05	-0.15	-0.14	0	0	0	0	0	0
11/3/2023 11:54	67002 STHI_T2	50	212	162	0.28	0.22	-0.06	0	0	0	0	0	0	0	0
11/3/2023 11:54	43302 WATS_T2	4	4	0	0.6	0.6	0	0	0	0	0	0	0	0	0
11/3/2023 11:55	43301 WATS_T2	3	4	1	0.5	0.45	-0.05	-0.59	-0.59	1	1	0	900	900	0
11/3/2023 11:59	53801 MBRG_T2	0	1	1	0	0.1	0.1	0	0	0	0	0	0	0	0
11/3/2023 12:02	26402 INOR_T1	1	4	3	0.2	0.2	0	0	0	0	0	0	0	0	0
11/3/2023 12:02	25402 LAHA_T2	0	0	0	0	0	0	-0.44	-0.29	0	0	0	0	0	0
11/3/2023 12:03	42001 MNVL_T2	4	5	1	0.4	0.46	0.06	0.12	0.03	0	0	0	0	0	0
11/3/2023 12:03	64101 REFR_T1	0	3	3	0	0.4	0.4	0.52	0.4	0	0	0	0	0	0
11/3/2023 12:03	54001 SDLE_T1	7	10	3	1.19	1.16	-0.03	0	0	0	0	0	0	0	0
11/3/2023 12:04	46901 MNTG_T2	0	2	2	0	0.2	0.2	0	0	0	0	0	0	0	0
11/3/2023 12:04	65601 CIVIL_T2	1	2	1	0.4	0.55	0.15	0	0	0	0	0	0	0	0
11/3/2023 12:04	54001 SDLE_T1	7	10	3	1.19	1.16	-0.03	0	0	0	0	0	0	0	0
11/3/2023 12:05	67001 STHI_T2	523	618	95	0.22	0.33	0.11	0	0	0	0	0	0	0	0
11/3/2023 12:05	13105 NHAM_T2	0	0	0	0	0	0	-0.26	-0.26	1	1	0	1200	1200	0
11/3/2023 12:05	64101 REFR_T1	0	3	3	0	0.4	0.4	0.17	0.13	0	0	0	0	0	0
11/3/2023 12:05	14801 TREI_T2	10	61	51	0.33	0.22	-0.11	0.29	0.33	0	0	0	0	0	0
11/3/2023 12:06	20401 ASHF_T2	5	11	6	0.3	0.37	0.07	0	0	0	0	0	0	0	0
11/3/2023 12:06	43301 WATS_T2	3	4	1	0.53	0.3	-0.23	-0.59	-0.62	1	1	0	900	900	0
11/3/2023 12:06	65601 CIVIL_T2	1	2	1	0.4	0.55	0.15	0	0	0	0	0	0	0	0
11/3/2023 12:06	43301 WATS_T2	3	4	1	0.53	0.3	-0.23	-0.59	-0.62	1	1	0	900	900	0
11/3/2023 12:06	27502 WEIS_T2	0	0	0	0	0	0	-0.48	-0.44	0	0	0	0	0	0
11/3/2023 12:07	43302 WATS_T2	4	4	0	0.6	0.3	-0.3	0	0	0	0	0	0	0	0
11/3/2023 12:08	20401 ASHF_T2	5	11	6	0.3	0.37	0.07	0	0	0	0	0	0	0	0
11/3/2023 12:08	59102 WALK_T2	2	5	3	0.2	0.46	0.26	0	0	0	0	0	0	0	0
11/3/2023 12:08	67002 STHI_T2	140	431	291	0.23	0.21	-0.02	1.32	1.3	0	0	0	0	0	0
11/3/2023 12:08	54001 SDLE_T1	7	10	3	1.19	1.16	-0.03	0	0	0	0	0	0	0	0
11/3/2023 12:08	64101 REFR_T1	0	3	3	0	0.4	0.4	0.17	0.13	0	0	0	0	0	0
11/3/2023 12:09	43302 WATS_T2	4	4	0	0.6	0.3	-0.3	0	0	0	0	0	0	0	0
11/3/2023 12:09	52402 GRPA_T2	10	14	4	1.03	0.94	-0.09	0	0	0	0	0	0	0	0
11/3/2023 12:09	20403 ASHF_T2	33	15	-18	0.32	0.44	0.12	0.98	0.96	0	0	0	0	0	0
11/3/2023 12:09	43302 WATS_T2	4	4	0	0.6	0.3	-0.3	0	0	0	0	0	0	0	0
11/3/2023 12:09	67204 TEHI_T2	0	0	0	0	0	0	-0.14	-0.16	0	0	0	0	0	0
11/3/2023 12:10	43302 WATS_T2	4	4	0	0.6	0.3	-0.3	0	0	0	0	0	0	0	0
11/3/2023 12:10	43304 WATS_T2	0	0	0	0	0	0	-0.56	-0.54	0	0	0	0	0	0
11/3/2023 12:10	59101 WALK_T2	1	2	1	0	0.2	0.2	1.29	1.44	0	0	0	0	0	0
11/3/2023 12:11	54505 ENOL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/3/2023 12:12	43402 BENT_T1	3	4	1	0.53	0.53	0	-1.41	-1.4	2	2	0	1500	1500	0
11/3/2023 12:13	25402 LAHA_T2	0	0	0	0	0	0	-0.29	-0.31	0	0	0	0	0	0
11/3/2023 12:15	45001 LIME_2	27	21	-6	0.37	0.25	-0.12	0	0	0	0	0	0	0	0
11/3/2023 12:15	45002 LIME_2	0	2	2	0	0.35	0.35	0	0	0	0	0	0	0	0
11/3/2023 12:16	45001 LIME_2	27	21	-6	0.37	0.25	-0.12	0	0	0	0	0	0	0	0
11/3/2023 12:16	53801 MBRG_T2	1	1	0	0.1	0.1	0	0	0	0	0	0	0	0	0
11/3/2023 12:17	45002 LIME_2	0	2	2	0	0.35	0.35	0	0	0	0	0	0	0	0
11/3/2023 12:18	45001 LIME_2	27	21	-6	0.37	0.25	-0.12	0	0	0	0	0	0	0	0
11/3/2023 12:18	45003 LIME_2	1	1	0	4.5	4.8	0.3	0	0	1	1	0	1200	1200	0
11/3/2023 12:19	45002 LIME_2	0	2	2	0	0.35	0.35	0	0	0	0	0	0	0	0
11/3/2023 12:20	13606 RICH_T2	0	0	0	0	0	0	1.23	1.29	0	0	0	0	0	0
11/3/2023 12:22	46001 BERW_T1	0	0	0	0	0	0	0.92	0.92	0	0	0	0	0	0
11/3/2023 12:23	13701 SCHN_T2	8	14	6	0.38	0.4	0.02	0	0	0	0	0	0	0	0
11/3/2023 12:23	46001 BERW_T1	0	0	0	0	0	0	0.92	0.92	0	0	0	0	0	0
11/3/2023 12:24	67603 WARW_T1	0	2	2	0	0.1	0.1	0	0	0	0	0	0	0	0
11/3/2023 12:29	43402 BENT_T1	3	4	1	0.53	0.53	0	-1.4	-1.37	2	2	0	1500	1500	0
11/3/2023 12:30	59001 MIFF_T1	0	3	3	0	0.47	0.47	0	0	0	0	0	0	0	0
11/3/2023 12:31	65002 NEFF_T2	6	13	7	0.13	0.16	0.03	0	0	0	0	0	0	0	0
11/3/2023 12:31	59003 MIFF_T1	0	0	0	0	0	0	-0.38	-0.14	0	0	0	0	0	0
11/3/2023 12:32	50506 MECH_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/3/2023 12:33	53803 MBRG_T2	4	0	-4	0.28	0	-0.28	0	0	0	0	0	0	0	0
11/3/2023 12:35	50701 SMEC_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/3/2023 12:35	59003 MIFF_T1	0	0	0	0	0	0	-0.19	-0.07	0	0	0	0	0	0
11/3/2023 12:46	62604 ENGL_T1	0	0	0	0	0	0	-0.43	-0.53	1	1	0	600	600	0
11/3/2023 12:47	13105 NHAM_T2	0	0	0	0	0	0	-0.28	-0.31	1	1	0	1200	1200	0
11/3/2023 12:50	65503 MOJO_T2	3	13	10	0.13	0.11	-0.02	0	0	0	0	0	0	0	0
11/3/2023 12:50	42601 TUSC_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/3/2023 12:52	64802 MONE_T2	83	226	143	0.27	0.45	0.18	-0.01	-0.01	0	0	0	0	0	0
11/3/2023 12:53	47101 MARL_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/3/2023 13:00	26401 INOR_T1	0	0	0	0	0	0	0.35	0.49	0	0	0	0	0	0
11/3/2023 13:02	47401 PENS_T1	6	66	60	0.63	0.35	-0.28	0.95	0.87	0	0	0	0	0	0
11/3/2023 13:05	47401 PENS_T1	6	66	60	0.63	0.35	-0.28	1.9	1.73	0	0	0	0	0	0
11/3/2023 13:05	42002 MNVL_T2	1	1	0	5	4.9	-0.1	0	0	0	0	0	0	0	0
11/3/2023 13:05	14402 SSLA_T1	10	10	0	0.4	0.4	0	0	0	0	0	0	0	0	0
11/3/2023 13:07	64101 REFR_T1	4	4	0	0.35	0.5	0.15	0.09	0.07	0	0	0	0	0	0
11/3/2023 13:08	14402 SSLA_T1	10	10	0	0.4	0.4	0	0	0	0	0	0	0	0	0
11/3/2023 13:08	65902 SAKR_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/3/2023 13:09	67401 WAKE_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/3/2023 13:11	54504 ENOL_T2	1	1	0	0.2	0.1	-0.1	-0.92	-1.05	1	1	0	600	600	0
11/3/2023 13:11	67502 WEWI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/3/2023 13:11	65002 NEFF_T2	7	14	7	0.16	0.14	-0.02	0	0	0	0	0	0	0	0
11/3/2023 13:12	43402 BENT_T1	3	3	0	0.63	0.4	-0.23	-1.34	-1.36	2	2	0	1500	1500	0
11/3/2023 13:14	54505 ENOL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/3/2023 13:15	43304 WATS_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/3/2023 13:15	26401 INOR_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/3/2023 13:15	22901 HARW_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/3/2023 13:17	52004 LING_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/3/2023 13:18	42801 SELI_T1	1	1	0	0	0	0	0	0	0	0	0	0	0	0
11/3/2023 13:18	47401 PENS_T1	3	42	39	0.97	6.33	5.36	0.87	1.36	0	0	0	0	0	0
11/3/2023 13:20	42801 SELI_T1	1	1	0	0	0	0	0	0	0	0	0	0	0	0
11/3/2023 13:21	42801 SELI_T1	1	1	0	0	0	0	0	0	0	0	0	0	0	0
11/3/2023 13:22	42802 SELI_T1	0	0	0	0	0	0	-2.1	-2.1	0	0	0	0	0	0
11/3/2023 13:22	52501 PROG_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/3/2023 13:22	67001 STHI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/3/2023 13:22	16302 ALPA_T2	2	4	2	0.3	0.43	0.13	0.7	0.66	0	0	0	0	0	0
11/3/2023 13:23	47401 PENS_T1	3	42	39	0.97	6.33	5.36	0.87	1.36	0	0	0	0	0	0
11/3/2023 13:23	67001 STHI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/3/2023 13:23	42801 SELI_T1	1	1	0	0	0	0	0	0	0	0	0	0	0	0
11/3/2023 13:24	42801 SELI_T1	1	1	0	0	0	0	0	0	0	0	0	0	0	0
11/3/2023 13:29	42401 GIMA_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/3/2023 13:29	43402 BENT_T1	3	2	-1	0.37	0.6	0.23	-1.36	-1.39	2	2	0	1500	1500	0
11/3/2023 13:30	43301 WATS_T2	2	2	0	0.25	0.5	0.25	0	0	0	0	0	0	0	0
11/3/2023 13:30	54505 ENOL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/3/2023 13:31	50503 MECH_T1	125	0	-125	0.18	0	-0.18	0	0	0	0	0	0	0	0
11/3/2023 13:31	26401 INOR_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/3/2023 13:34	66502 SMAN_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/3/2023 13:35	67002 STHI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/3/2023 13:35	67401 WAKE_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/3/2023 13:35	50701 SMEC_T1	15	3	-12	0.66	0.27	-0.39	0.21	0.05	0	0	0	0	0	0
11/3/2023 13:36	59101 WALK_T2	1	3	2	0	0.8	0.8	1.37	1.17	0	0	0	0	0	0
11/3/2023 13:36	46702 RENO_T1	0	0	0	0	0	0	-0.14	-0.16	0	0	0	0	0	0
11/3/2023 13:37	50701 SMEC_T1	15	3	-12	0.66	0.27	-0.39	0.21	0.05	0	0	0	0	0	0
11/3/2023 13:38	67001 STHI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/3/2023 13:38	59101 WALK_T2	1	3	2	0	0.8	0.8	2.74	2.35	0	0	0	0	0	0
11/3/2023 13:39	64802 MONE_T2	194	44	-150	0.37	0.3	-0.07	-0.01	-0.01	0	0	0	0	0	0
11/3/2023 13:39	61303 EARL_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/3/2023 13:39	60801 BUCK_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/3/2023 13:39	67001 STHI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/3/2023 13:40	60801 BUCK_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/3/2023 13:41	46004 BERW_T2	1	1	0	0.4	0.2	-0.2	0	0	0	0	0	0	0	0
11/3/2023 13:41	67502 WEWI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/3/2023 13:42	60701 BREC_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/3/2023 13:43	46203 DANV_T2	2	2	0	1.45	1.3	-0.15	0	0	0	0	0	0	0	0
11/3/2023 13:45	42401 GIMA_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/3/2023 13:45	54505 ENOL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/3/2023 13:47	26401 INOR_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/3/2023 13:48	55002 NEWP_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/3/2023 13:48	42001 MNVL_T2	3	4	1	0.3	0.18	-0.12	-0.01	-0.01	0	0	0	0	0	0
11/3/2023 13:49	13704 SCHN_T2	6	7	1	0.3	0.33	0.03	-0.39	-0.41	0	0	0	0	0	0
11/3/2023 13:50	13901 SEID_T1	0	0	0	0	0	0	0.18	0.16	0	0	0	0	0	0
11/3/2023 13:51	54701 NEBL_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/3/2023 13:51	55002 NEWP_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/3/2023 13:52	47401 PENS_T1	2	15	13	0.4	0.44	0.04	0	0	0	0	0	0	0	0
11/3/2023 13:52	43402 BENT_T1	2	3	1	0.6	0.5	-0.1	-1.39	-1.37	2	2	0	1500	1500	0
11/3/2023 13:53	42601 TUSC_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/3/2023 13:55	47101 MARL_T1	0	1	1	0	0	0	-1.83	-1.74	1	1	0	600	600	0
11/3/2023 14:02	43301 WATS_T2	2	2	0	0.4	0.6	0.2	0	0	0	0	0	0	0	0
11/3/2023 14:04	15103 UPHA_T2	5	7	2	0.5	0.56	0.06	0.35	0.34	0	0	0	0	0	0
11/3/2023 14:05	67402 WAKE_T2	25	28	3	0.28	0.24	-0.04	0	0	0	0	0	0	0	0
11/3/2023 14:05	13901 SEID_T1	0	0	0	0	0	0	0.16	0.16	0

Appendix C - Grid Benefits Achieved in Each Instance of Active Management

11/3/2023 14:15	54504 ENOL_T2	0	0	0	0	0	0	-1.06	-1.12	1	1	0	600	600	0
11/3/2023 14:15	46602 LACR_T1	1	2	1	0.6	0.55	-0.05	-1.15	-1.21	0	0	0	0	0	0
11/3/2023 14:16	45001 LIME_2	28	27	-1	0.33	0.31	-0.02	0	0	0	0	0	0	0	0
11/3/2023 14:16	52004 LING_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/3/2023 14:17	65603 CJVIL_T2	1	1	0	6.2	5.7	-0.5	0	0	0	0	0	0	0	0
11/3/2023 14:18	46702 RENO_T1	0	0	0	0	0	0	-0.16	-0.15	0	0	0	0	0	0
11/3/2023 14:18	47403 PENS_T1	5	6	1	0.46	0.6	0.14	0	0	0	0	0	0	0	0
11/3/2023 14:19	47401 PENS_T1	14	4	-10	0.44	0.63	0.19	1.02	0.95	0	0	0	0	0	0
11/3/2023 14:19	43304 WATS_T2	0	0	0	0	0	0	-0.36	-0.34	0	0	0	0	0	0
11/3/2023 14:19	45001 LIME_2	28	27	-1	0.33	0.31	-0.02	0	0	0	0	0	0	0	0
11/3/2023 14:19	67002 STHI_T2	385	511	126	0.22	0.28	0.06	0.65	0.65	0	0	0	0	0	0
11/3/2023 14:19	42002 MNVL_T2	1	1	0	4.6	4.6	0	0	0	0	0	0	0	0	0
11/3/2023 14:20	47403 PENS_T1	5	6	1	0.46	0.6	0.14	0	0	0	0	0	0	0	0
11/3/2023 14:20	47802 MOCA_T2	0	0	0	0	0	0	0.41	0.27	0	0	0	0	0	0
11/3/2023 14:20	52502 PROG_T2	0	0	0	0	0	0	0.24	0.19	0	0	0	0	0	0
11/3/2023 14:20	13704 SCHN_T2	7	5	-2	0.29	0.32	0.03	-0.44	-0.41	0	0	0	0	0	0
11/3/2023 14:20	67603 WARW_T1	0	1	1	0	0.3	0.3	0	0	0	0	0	0	0	0
11/3/2023 14:20	15104 UPHA_T2	1	0	-1	0.1	0	-0.1	0	0	0	0	0	0	0	0
11/3/2023 14:21	66701 STRA_T1	1	0	-1	0.2	0	-0.2	0	0	0	0	0	0	0	0
11/3/2023 14:21	67001 STHI_T2	629	673	44	0.38	0.42	0.04	0.05	0.04	0	0	0	0	0	0
11/3/2023 14:21	13905 SEID_T1	3	2	-1	0.3	0.45	0.15	0	0	0	0	0	0	0	0
11/3/2023 14:21	67002 STHI_T2	385	511	126	0.22	0.28	0.06	0.65	0.65	0	0	0	0	0	0
11/3/2023 14:21	65601 CJVIL_T2	1	1	0	0.5	0.5	0	0	0	0	0	0	0	0	0
11/3/2023 14:21	64802 MONE_T2	68	2	-66	0.34	0.15	-0.19	-0.01	-0.01	0	0	0	0	0	0
11/3/2023 14:21	59101 WALK_T2	3	2	-1	0.7	0.3	-0.4	1.1	1.32	0	0	0	0	0	0
11/3/2023 14:22	27502 WEIS_T2	0	0	0	0	0	0	-0.6	-0.6	0	0	0	0	0	0
11/3/2023 14:22	67001 STHI_T2	629	673	44	0.38	0.42	0.04	0	0	0	0	0	0	0	0
11/3/2023 14:22	59101 WALK_T2	3	2	-1	0.7	0.3	-0.4	1.1	1.32	0	0	0	0	0	0
11/3/2023 14:22	44301 BEAV_T2	12	9	-3	0.44	0.38	-0.06	0	0	0	0	0	0	0	0
11/3/2023 14:22	16302 ALPA_T2	2	3	1	0.3	0.23	-0.07	1.36	1.22	0	0	0	0	0	0
11/3/2023 14:23	46005 BERW_T1	0	1	1	0	0.1	0.1	0	0	0	0	0	0	0	0
11/3/2023 14:23	66902 SHIL_T2	117	90	-27	0.15	0.14	-0.01	0	0	0	0	0	0	0	0
11/3/2023 14:23	16301 ALPA_T1	26	50	24	0.21	0.16	-0.05	-1.29	-1.29	0	0	0	0	0	0
11/3/2023 14:23	60803 BUCK_T1	34	81	47	0.31	0.29	-0.02	0	0	0	0	0	0	0	0
11/3/2023 14:23	59101 WALK_T2	3	2	-1	0.7	0.3	-0.4	2.2	2.65	0	0	0	0	0	0
11/3/2023 14:23	44302 BEAV_T2	152	271	119	0.41	0.51	0.1	0.26	0.24	0	0	0	0	0	0
11/3/2023 14:23	55105 WERT_T1	0	0	0	0	0	0	-0.81	-0.83	1	1	0	900	900	0
11/3/2023 14:24	20403 ASHF_T2	5	10	5	0.52	0.45	-0.07	0.95	0.97	0	0	0	0	0	0
11/3/2023 14:24	67002 STHI_T2	385	511	126	0.22	0.28	0.06	0.65	0.65	0	0	0	0	0	0
11/3/2023 14:24	67503 WEWI_T2	0	0	0	0	0	0	-0.58	0.1	0	0	0	0	0	0
11/3/2023 14:24	53102 WTWN_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/3/2023 14:25	20401 ASHF_T2	2	2	0	0.25	0.2	-0.05	0	0	0	0	0	0	0	0
11/3/2023 14:25	43001 ALWD_T1	13	12	-1	0.38	0.39	0.01	0	0	0	0	0	0	0	0
11/3/2023 14:25	10801 CHHI_T1	4	4	0	0.4	0.35	-0.05	-1.03	-1.01	1	1	0	900	900	0
11/3/2023 14:25	60903 DONG_T2	1	1	0	0.2	0.4	0.2	0	0	0	0	0	0	0	0
11/3/2023 14:25	54503 ENOL_T2	0	0	0	0	0	0	-2.19	-2.12	2	2	0	1200	1200	0
11/3/2023 14:25	59101 WALK_T2	3	2	-1	0.7	0.3	-0.4	1.1	1.32	0	0	0	0	0	0
11/3/2023 14:25	44302 BEAV_T2	152	271	119	0.41	0.51	0.1	0.26	0.24	0	0	0	0	0	0
11/3/2023 14:25	16302 ALPA_T2	2	3	1	0.3	0.23	-0.07	1.36	1.22	0	0	0	0	0	0
11/3/2023 14:25	67502 WEWI_T2	63	151	88	0.22	0.25	0.03	-0.48	-0.47	0	0	0	0	0	0
11/3/2023 14:26	54501 ENOL_T2	4	4	0	0.2	0.33	0.13	-0.58	-0.58	1	1	0	600	600	0
11/3/2023 14:26	43001 ALWD_T1	13	12	-1	0.38	0.39	0.01	0	0	0	0	0	0	0	0
11/3/2023 14:26	64802 MONE_T2	68	2	-66	0.34	0.15	-0.19	-0.01	-0.01	0	0	0	0	0	0
11/3/2023 14:26	16301 ALPA_T1	26	50	24	0.21	0.16	-0.05	-0.43	-0.44	0	0	0	0	0	0
11/3/2023 14:26	46001 BERW_T1	0	0	0	0	0	0	0.78	1.25	0	0	0	0	0	0
11/3/2023 14:27	60504 NMAN_T2	3	3	0	0.6	0.83	0.23	0	0	0	0	0	0	0	0
11/3/2023 14:27	60803 BUCK_T1	34	81	47	0.31	0.29	-0.02	0	0	0	0	0	0	0	0
11/3/2023 14:27	44302 BEAV_T2	152	271	119	0.41	0.51	0.1	0.48	0.42	0	0	0	0	0	0
11/3/2023 14:28	52402 GRPA_T2	7	8	1	1.24	1.09	-0.15	0	0	0	0	0	0	0	0
11/3/2023 14:28	22901 HARW_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/3/2023 14:28	64301 LINC_T1	0	0	0	0	0	0	0.4	0.42	0	0	0	0	0	0
11/3/2023 14:28	54505 ENOL_T2	1	1	0	1	1.1	0.1	0	0	0	0	0	0	0	0
11/3/2023 14:28	54503 ENOL_T2	0	0	0	0	0	0	-1.06	-1.07	1	1	0	600	600	0
11/3/2023 14:29	52401 GRPA_T2	2	2	0	0.2	0.2	0	0	0	0	0	0	0	0	0
11/3/2023 14:29	54504 ENOL_T2	0	0	0	0	0	0	-1.12	-1.15	1	1	0	600	600	0
11/3/2023 14:29	43304 WATS_T2	0	0	0	0	0	0	-0.34	-0.35	0	0	0	0	0	0
11/3/2023 14:30	54505 ENOL_T2	1	1	0	1	1.1	0.1	-1.39	-1.39	1	1	0	600	600	0
11/3/2023 14:30	60501 NMAN_T2	265	284	19	0.5	0.51	0.01	0	0	0	0	0	0	0	0
11/3/2023 14:30	40902 JESH_T1	0	0	0	0	0	0	-0.29	-0.27	1	1	0	600	600	0
11/3/2023 14:30	52402 GRPA_T2	8	9	1	1.06	0.86	-0.2	0	0	0	0	0	0	0	0
11/3/2023 14:30	52004 LING_T2	5	5	0	0.76	0.62	-0.14	0.18	0.19	0	0	0	0	0	0
11/3/2023 14:30	54502 ENOL_T2	1	1	0	0.2	0.2	0	0	0	0	0	0	0	0	0
11/3/2023 14:30	43201 MVIL_T2	1	1	0	0.2	0.2	0	0	0	0	0	0	0	0	0
11/3/2023 14:30	15103 UPHA_T2	5	7	2	0.56	0.43	-0.13	0.38	0.37	0	0	0	0	0	0
11/3/2023 14:31	54501 ENOL_T2	4	4	0	0.23	0.48	0.25	0	0	0	0	0	0	0	0
11/3/2023 14:31	43302 WATS_T2	0	3	3	0	0.13	0.13	0	0	0	0	0	0	0	0
11/3/2023 14:33	65603 CJVIL_T2	1	1	0	6	5.7	-0.3	0	0	0	0	0	0	0	0
11/3/2023 14:33	64303 LINC_T1	0	0	0	0	0	0	-0.23	-0.24	0	0	0	0	0	0
11/3/2023 14:34	66501 SMAN_T2	3	3	0	0.83	0.7	-0.13	0	0	0	0	0	0	0	0
11/3/2023 14:34	65901 SAKR_T2	2	2	0	4.7	5.15	0.45	0	0	0	0	0	0	0	0
11/3/2023 14:34	46701 RENO_T1	1	0	-1	0.6	0	-0.6	0	0	0	0	0	0	0	0
11/3/2023 14:35	65002 NEFF_T2	20	5	-15	0.16	0.14	-0.02	0	0	0	0	0	0	0	0
11/3/2023 14:35	14801 TREI_T2	68	97	29	0.22	0.26	0.04	0	0	0	0	0	0	0	0
11/3/2023 14:35	43201 MVIL_T2	1	1	0	0.2	0.2	0	-1.21	-1.34	0	0	0	0	0	0
11/3/2023 14:35	66502 SMAN_T2	23	16	-7	0.27	0.3	0.03	-0.08	-0.01	0	0	0	0	0	0
11/3/2023 14:35	66502 SMAN_T2	23	16	-7	0.27	0.3	0.03	-0.08	-0.01	0	0	0	0	0	0
11/3/2023 14:35	67002 STHI_T2	423	584	161	0.23	0.29	0.06	1.3	1.28	0	0	0	0	0	0
11/3/2023 14:35	43202 MVIL_T2	1	1	0	0.8	0.6	-0.2	-0.7	-0.7	0	0	0	0	0	0
11/3/2023 14:35	55002 NEWP_T1	10	10	0	1.43	1.22	-0.21	-0.19	-0.21	0	0	0	0	0	0
11/3/2023 14:36	43001 ALWD_T1	7	13	6	0.54	0.98	0.44	0	0	0	0	0	0	0	0
11/3/2023 14:36	67002 STHI_T2	423	584	161	0.23	0.29	0.06	0	0	0	0	0	0	0	0
11/3/2023 14:36	16301 ALPA_T1	20	52	32	0.17	0.16	-0.01	-0.43	-0.44	0	0	0	0	0	0
11/3/2023 14:36	67204 TEHI_T2	0	0	0	0	0	0	-0.26	-0.26	0	0	0	0	0	0
11/3/2023 14:36	65603 CJVIL_T2	1	1	0	6	5.7	-0.3	0	0	0	0	0	0	0	0
11/3/2023 14:37	13901 SEID_T1	0	0	0	0	0	0	0.16	0.15	0	0	0	0	0	0
11/3/2023 14:37	67002 STHI_T2	423	584	161	0.23	0.29	0.06	1.3	1.28	0	0	0	0	0	0
11/3/2023 14:37	66703 STRA_T1	2	4	2	0.3	0.2	-0.1	-0.07	-0.16	0	0	0	0	0	0
11/3/2023 14:37	67402 WAKE_T2	20	71	51	0.26	0.22	-0.04	0	0	0	0	0	0	0	0
11/3/2023 14:37	56803 BENV_T1	3	3	0	0.47	0.4	-0.07	0	0	0	0	0	0	0	0
11/3/2023 14:38	27503 WEIS_T2	0	12	12	0	0.13	0.13	0	0	0	0	0	0	0	0
11/3/2023 14:38	14802 TREI_T2	13	10	-3	0.24	0.21	-0.03	0.25	0.29	0	0	0	0	0	0
11/3/2023 14:38	67502 WEWI_T2	125	256	131	0.25	0.33	0.08	-0.47	-0.5	0	0	0	0	0	0
11/3/2023 14:38	46001 BERW_T1	0	0	0	0	0	0	0.78	1.25	0	0	0	0	0	0
11/3/2023 14:38	16301 ALPA_T1	20	52	32	0.17	0.16	-0.01	-0.43	-0.44	0	0	0	0	0	0
11/3/2023 14:38	66902 SHIL_T2	71	175	104	0.12	0.16	0.04	0	0	0	0	0	0	0	0
11/3/2023 14:38	16302 ALPA_T2	3	1	-2	0.23	0.4	0.17	1.22	1.25	0	0	0	0	0	0
11/3/2023 14:39	60803 BUCK_T1	58	107	49	0.29	0.3	0.01	-0.96	-0.93	1	1	0	600	600	0
11/3/2023 14:39	60803 BUCK_T1	122	172	50	0.3	0.3	0	-0.16	-0.17	0	0	0	0	0	0
11/3/2023 14:39	56803 BENV_T1	3	3	0	0.47	0.4	-0.07	0	0	0	0	0	0	0	0
11/3/2023 14:39	60201 ATGL_T2	0	0	0	0	0	0	0.45	0.5	0	0	0	0	0	0
11/3/2023 14:39	16301 ALPA_T1	20	52	32	0.17	0.16	-0.01	-0.43	-0.44	0	0	0	0	0	0
11/3/2023 14:39	67502 WEWI_T2	125	256	131	0.25	0.33	0.08	-0.47	-0.5	0	0	0	0	0	0
11/3/2023 14:39	46203 DANV_T2	2	2	0	1.1	1.2	0.1	-1.53	-1.52	0	0	0	0	0	0
11/3/2023 14:40	46203 DANV_T2	2	2	0	1.1	1.2	0.1	0	0	0	0	0	0	0	0
11/3/2023 14:40	20403 ASHF_T2	5	11	6	0.36	0.44	0.08	0.97	0.88	0	0	0	0	0	0
11/3/2023 14:40	44802 EDAN_T2	0	0	0	0	0	0	-0.91	-0.87	0	0	0	0	0	0
11/3/2023 14:40	56801 BENV_T1	19	19	0	0.62	0.73	0.11	-1.02	-1.2	0	0	0	0	0	0
11/3/2023 14:40	60701 BREC_T1	3	4	1	0.13	0.15	0.02	-0.46	-0.47	2	2	0	1200	1200	0
11/3/2023 14:41	60903 DONG_T2	1	1	0	0.4	0.2	-0.2	0	0	0	0	0	0	0	0
11/3/2023 14:41	67502 WEWI_T2	125	256	131	0.25	0.33	0.08	-0.5	-0.47	0	0	0	0	0	0
11/3/2023 14:41	16302 ALPA_T2	3	1	-2	0.23	0.4	0.17	1.25	1.16	0	0	0	0	0	0
11/3/2023 14:41	54505 ENOL_T2	1	1	0	1	1.1	0.1	0	0	0	0	0	0	0	0
11/3/2023 14:41	49803 UNIV_T1	1	1	0	1.1	0.9	-0.2	0.05	0.14	0	0	0	0	0	0
11/3/2023 14:41	54503 ENOL_T2	0	0	0	0	0	0	-2.14	-2.16	2	2	0	1200	1200	0
11/3/2023 14:41	20401 ASHF_T2	2	2	0	0.2	0.15	-0.05	0	0	0	0	0	0	0	0
11/3/2023 14:41	10801 CHHI_T1	4	4	0	0.35	0.3	-0.05	-1	-1.02	1	1	0	900	900	0
11/3/2023 14:41	43001 ALWD_T1	7	13	6	0.54	0.98	0.44	0	0	0	0	0	0	0	0
11/3/2023 14:42	56803 BENV_T1	3	3	0	0.47	0.4	-0.07	0	0	0	0	0	0	0	0
11/3/2023 14:42	60803 BUCK_T1	58	107	49	0.29	0.3	0.01	-0.93	-0.91	1	1	0	600	600	0
11/3/2023 14:42	49803 UNIV_T1	1	1	0	1.1	0.9	-0.2	0.05	0.14	0	0	0	0	0	0
11/3/2023 14:42	60701 BREC_T1	3	4	1	0.13	0.15	0.02	-0.47	-0.33	2	2	0	1200	1200	0
11/3/2023 14:42	46001 BERW_T1	0	0	0	0	0	0	1.25	1.2	0	0	0	0	0	0
11/3/2023 14:43	60803 BUCK_T1	58	107	49	0.29	0.3	0.01	0	0	0	0	0	0	0	0
11/3/2023 14:44	54501 ENOL_T2	4	4	0	0.23	0.48	0.25	-0.58	-0.59	1	1	0	600	600	0
11/3/2023 14:44	54503 ENOL_T2	0	0	0	0	0	0	-1.07	-1.08	1	1	0	600	600	0
11/3/2023 14:44	44802 EDAN_T2	0	0	0	0	0	0	-1.74	-1.76	0	0	0	0	0	0
11/3/2023 14:44	64301 LINC_T1	0	0	0	0	0	0	0.42	0.4	0	0	0	0	0	0
11/3/2023 14:45	52402 GRPA_T2	8	8	0	0.91	0.91	0	0	0	0	0	0	0	0	0
11/3/2023 14:45	45002 LIME_2	4	4	0	0.25	0.2	-0.05	0	0	0	0	0	0	0	0
11/3/2023 14:46	43201 MVIL_T2	1	0	-1	0.2	0	-0.2	-1.34	-0.39	0	0	0	0	0	0
11/3/2023 14:46	54506 ENOL_T2	1	0	-1	1.5	0	-1.5	0	0	0	0	0	0	0	0
11/3/2023 14:46	64101 REFR_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/3/2023 14:46	60502 NMAN_T2	5	47	42	0.4	0.15	-0.25	-0.41	-0.35	0	0	0	0	0	0
11/3/2023 14:46	43202 MVIL_T2	1	1	0	0.6	0.3	-0.3	-0.7	-0.7	0	0	0	0	0	0
11/3/2023 14:46	52403 GRPA_T2	7	3	-4	0.41	0.45	0.04	0	0	0	0	0	0	0	0
11/3/2023 14:46	15103 UPHA_T2	6	9	3	0.38	0.51	0.13	0.37	0.35	0	0	0	0	0	0
11/3/2023 14:47	13105 NHAM_T2	0	0	0	0	0	0	-0.34	-0.33	1	1	0	1200	1200	0
11/3/2023 14:48	45001 LIME_2	19	23	4	0.24	0.3	0.06	0	0	0	0	0	0	0	0
11/3/2023 14:49	52403 GRPA_T2	7	3	-4	0.41	0.45	0.04	0.08	0.09	0	0	0	0	0	0
11/3/2023 14:49	64305 LINC_T1	0	1	1	0	0.1	0.1	0	0	0	0	0	0	0	0
11/3/2023 14:49	54701 NEBL_T1	2	0	-2	0.1	0	-0.1	0	0	1	1	0	600	600	0
11/3/2023 14:49	55002 NEWP_T1	10	9	-1	1.22	1.03	-0.19	-0.21	-0.22	0	0	0	0	0	0
11/3/2023 14:50	12401 MILF_T1	1	1	0	0.7	0.5	-0.2	-0.27	-0.26	0	0	0	0	0	0
11/3/2023 14:50	55002 NEWP_T1	10	9	-1	1.22	1.03	-0.19	-0.21	-0.22	0	0	0	0	0	0
11/3/2023 14:50	66501 SMAN_T2	2	41	39	1	0.18	-0.82	0	0	0	0	0	0	0	0
11/3/2023 14:50	47403 PENS_T1	6	15	9	0.58	0.25	-0.33	0	0	0	0	0	0	0	0
11/3/2023 14:50	66505 SMAN_T2	2	3	1	0.15	0.3	0.15	0.01	0.01	2	2	0	1100	1100	0
11/3/2023 14:51	14402 SSLA_T1	16	39	23	0.29	0.26	-0.03	0	0	0	0	0	0	0	0
11/3/2023 14:51	67605 WARW_T1	19	32	13	0.38	0.42	0.04	-1.09	-1.08	0	0	0	0	0	0
11/3/2023 14:51	43201 MVIL_T2	1	0	-1	0.2	0	-0.2	0	0	0	0	0	0	0	0
11/3/2023 14:51	52502 PROG_T2	0	0	0	0	0	0	0.22	0.21	0	0	0	0	0	0
11/3/2023 14:52	64802 MONE_T2	1	192	191	0.2	0.4	0.2	-0.01	-0.01	0	0	0	0	0	0
11/3/2023 14:52	47401 PENS_T1	1	2	1	1.4	0.8	-0.6	0.97	0.9	0	0	0	0	0	0
11/3/2023 14:55	64802 MONE_T2	1	192	191	0.2	0.4	0.2	-0.01	-0.01	0	0	0	0	0	0
11/3/2023 14:56	67503 WEWI_T2	0	0	0	0	0	0	-1.15	-1.24	0	0	0	0	0	0
11/3/2023 14:58	61303 EARL_T1	0	0	0	0	0	0	0.18	0.56	0	0	0	0	0	0
11/3/2023 14:59	45501 DERR_T2	1	0	-1	0.3	0	-0.3	0	0	0	0	0	0	0	0
11/3/2023 15:00	43301 WATS_T2	3	2	-1	0.4	0.2	-0.2	0	0	0	0	0	0	0	0
11/3/2023 15:00	64202 KINZ_T1	3	3	0	0.4	0.47	0.07	0	0	0	0	0	0	0	0
11/3/2023 15:01	40101 HUNT_T2	0	3	3	0	0.35	0.35	-0.12	-0.14	0	0	0	0	0	0
11/3/2023 15:01	42002 MNVL_T2	1	1	0	4.5	4	-0.5	0	0	0	0	0	0	0	0
11/3/2023 15:01	45702 LIND_T2	1	46	45	1.6	0.24	-1.36	-0.59	-0.66	0	0	0	0	0	0
11/3/2023 15:03	43302 WATS_T2	3	4	1	0.13	0.28	0.15	0	0	0	0	0	0	0	0
11/3/2023 15:03	64101 REFR_T1	1	1	0	0.4	1.3	0.9	0.07	0.05	0	0	0	0	0	0
11/3/2023 15:03	13606 RICH_T2	0	0	0	0	0	0	0.86	0.99	0	0	0	0	0	0
11/3/2023 15:06	55002 NEWP_T1	8	9	1	1.1	0.97	-0.13	-0.22	-0.23	0	0	0

11/3/2023 18:10	65001 NEFF_T2	0	11	11	0	0.15	0.15	-1.27	-1.29	1	1	0	1200	1200	0
11/3/2023 18:13	44502 HAMI_T2	1	1	0	2.7	3	0.3	-0.81	-0.83	0	0	0	0	0	0
11/3/2023 18:55	26401 INOR_T1	0	1	1	0	0.1	0.1	0	0	0	0	0	0	0	0
11/3/2023 18:55	65001 NEFF_T2	0	8	8	0	0.11	0.11	-1.11	-1.25	1	1	0	1200	1200	0
11/3/2023 18:56	15604 NSTR_T1	1	0	-1	0.1	0	-0.1	0	0	0	0	0	0	0	0
11/3/2023 19:03	23301 JEFF_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/3/2023 19:04	67001 STHI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/3/2023 19:05	60201 ATGL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/3/2023 19:05	60801 BUCK_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/3/2023 19:05	42401 GIMA_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/3/2023 19:05	52004 LING_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/3/2023 19:06	42601 TUSC_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/3/2023 19:06	67502 WEWI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/3/2023 19:07	60701 BREC_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/3/2023 19:08	55002 NEWP_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/3/2023 19:09	55002 NEWP_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/3/2023 19:10	46203 DANV_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/3/2023 19:10	40602 PIGR_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/3/2023 19:11	54701 NEBL_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/3/2023 19:11	46003 BERW_T2	1	10	9	2.8	0.34	-2.46	0	0	0	0	0	0	0	0
11/3/2023 19:11	50506 MECH_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/3/2023 19:11	56802 BENV_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/3/2023 19:11	57403 SPAN_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/3/2023 19:11	54505 ENOL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/3/2023 19:11	56501 ROCK_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/3/2023 19:11	45501 DERR_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/3/2023 19:12	43302 WATS_T2	4	4	0	0.53	0.43	-0.1	0	0	0	0	0	0	0	0
11/3/2023 19:12	57403 SPAN_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/3/2023 19:12	54206 PENN_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/3/2023 19:12	57404 SPAN_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/3/2023 19:12	56504 ROCK_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/3/2023 19:12	53102 WTWN_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/3/2023 19:13	56802 BENV_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/3/2023 19:13	46203 DANV_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/3/2023 19:13	50506 MECH_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/3/2023 19:14	42902 MIDD_T2	40	80	40	0.41	0.48	0.07	0	0	0	0	0	0	0	0
11/3/2023 19:14	56802 BENV_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/3/2023 19:14	50506 MECH_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/3/2023 19:14	67001 STHI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/3/2023 19:14	66502 SMAN_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/3/2023 19:14	53903 HALI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/3/2023 19:14	64101 REFR_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/3/2023 19:14	40602 PIGR_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/3/2023 19:15	42903 MIDD_T2	2	2	0	2.4	2.3	-0.1	0	0	0	0	0	0	0	0
11/3/2023 19:15	59102 WALK_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/3/2023 19:15	61303 EARL_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/3/2023 19:15	45802 HEGI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/3/2023 19:15	65902 SAKR_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/3/2023 19:16	57403 SPAN_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/3/2023 19:16	42902 MIDD_T2	74	61	-13	0.5	0.42	-0.08	0	0	0	0	0	0	0	0
11/3/2023 19:16	54701 NEBL_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/3/2023 19:16	67401 WAKE_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/3/2023 19:16	45402 WILO_T2	15	0	-15	0.13	0	-0.13	0	0	0	0	0	0	0	0
11/3/2023 19:17	43301 WATS_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/3/2023 19:17	47401 PENS_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/3/2023 19:17	50701 SMIC_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/3/2023 19:17	52501 PROG_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/3/2023 19:17	57401 SPAN_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/3/2023 19:18	56802 BENV_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/3/2023 19:18	57403 SPAN_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/3/2023 19:18	54505 ENOL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/3/2023 19:18	47101 MARL_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/3/2023 19:19	60801 BUCK_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/3/2023 19:20	45002 LIME_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/3/2023 19:41	28601 BLYT_T2	1	1	0	0.8	1.5	0.7	0	0	0	0	0	0	0	0
11/3/2023 19:46	13606 RICH_T2	0	0	0	0	0	0	0.81	0.81	0	0	0	0	0	0
11/3/2023 19:51	26402 INOR_T1	0	1	1	0	0	0	0	0	0	0	0	0	0	0
11/3/2023 19:55	29402 BELT_T1	2	1	-1	4.3	8.5	4.2	0	0	0	0	0	0	0	0
11/3/2023 19:56	16301 ALPA_T1	1	5	4	0.4	0.2	-0.2	-0.47	-0.48	0	0	0	0	0	0
11/3/2023 19:58	27502 WEIS_T2	0	0	0	0	0	0	-0.65	-0.61	0	0	0	0	0	0
11/3/2023 19:58	39601 LNFD_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/3/2023 19:59	64203 KINZ_T1	33	43	10	0.11	0.17	0.06	0.12	0.31	0	0	0	0	0	0
11/3/2023 19:59	14802 TREI_T2	3	3	0	0.43	0.15	-0.28	0.32	0.34	0	0	0	0	0	0
11/3/2023 20:00	29402 BELT_T1	1	1	0	8	8.5	0.5	0	0	0	0	0	0	0	0
11/3/2023 20:00	60701 BREC_T1	0	0	0	0	0	0	-0.36	-0.37	1	1	0	600	600	0
11/3/2023 20:00	61802 EELI_T2	0	29	29	0	0.14	0.14	0	0	0	0	0	0	0	0
11/3/2023 20:00	65001 NEFF_T2	4	46	42	0.13	0.11	-0.02	-1.22	-1.27	1	1	0	1200	1200	0
11/3/2023 20:01	16301 ALPA_T1	1	5	4	0.5	0.2	-0.3	-0.47	-0.48	0	0	0	0	0	0
11/3/2023 20:02	14403 SSLA_T1	0	0	0	0	0	0	0.71	0.71	0	0	0	0	0	0
11/3/2023 20:02	65604 QVIL_T2	0	0	0	0	0	0	0.33	0.3	0	0	0	0	0	0
11/3/2023 20:02	41801 GOCI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/3/2023 20:02	42201 SHEN_T2	0	0	0	0	0	0	0.36	0.37	0	0	0	0	0	0
11/3/2023 20:03	67002 STHI_T2	0	2	2	0	0.15	0.15	0.55	0.57	0	0	0	0	0	0
11/3/2023 20:03	20403 ASHF_T2	0	0	0	0	0	0	0.25	0.2	0	0	0	0	0	0
11/3/2023 20:03	56802 BENV_T2	1	15	14	0.9	0.19	-0.71	-1.43	-1.5	0	0	0	0	0	0
11/3/2023 20:03	61303 EARL_T1	0	0	0	0	0	0	0.18	0.25	0	0	0	0	0	0
11/3/2023 20:03	60101 COCA_T1	0	0	0	0	0	0	0.22	0.21	0	0	0	0	0	0
11/3/2023 20:03	56801 BENV_T1	4	8	4	0.3	0.53	0.23	-0.76	-0.77	1	1	0	600	600	0
11/3/2023 20:04	67502 WEWI_T2	7	115	108	0.11	0.16	0.05	-0.93	-3	0	2	2	0	1800	1800
11/3/2023 20:04	52502 PROG_T2	0	0	0	0	0	0	0.24	0.26	0	0	0	0	0	0
11/3/2023 20:05	42902 MIDD_T2	60	74	14	0.42	0.5	0.08	-0.48	-0.51	0	0	0	0	0	0
11/3/2023 20:05	56801 BENV_T1	4	8	4	0.3	0.53	0.23	-0.76	-0.77	1	1	0	600	600	0
11/3/2023 20:05	44802 EDAN_T2	0	0	0	0	0	0	-0.97	-1.01	0	0	0	0	0	0
11/3/2023 20:05	42001 MNVL_T2	0	0	0	0	0	0	0.03	0	0	0	0	0	0	0
11/3/2023 20:05	60801 BUCK_T1	21	8	-13	0.17	0.11	-0.06	0	0	0	0	0	0	0	0
11/3/2023 20:05	67502 WEWI_T2	7	115	108	0.11	0.16	0.05	0	0	0	0	0	0	0	0
11/3/2023 20:05	20403 ASHF_T2	0	0	0	0	0	0	0.25	0.2	0	0	0	0	0	0
11/3/2023 20:05	47401 PENS_T1	0	0	0	0	0	0	0.74	0.76	0	0	0	0	0	0
11/3/2023 20:05	66503 SMAN_T2	7	4	-3	0.19	0.15	-0.04	0	0	0	0	0	0	0	0
11/3/2023 20:05	60201 ATGL_T2	0	0	0	0	0	0	0.24	0.21	0	0	0	0	0	0
11/3/2023 20:05	12701 MACU_T1	0	0	0	0	0	0	0.06	0.05	0	0	0	0	0	0
11/3/2023 20:06	13701 SCHN_T2	0	1	1	0	0.1	0.1	0	0	0	0	0	0	0	0
11/3/2023 20:06	52002 LING_T2	1	1	0	0.5	0.6	0.1	0	0	0	0	0	0	0	0
11/3/2023 20:06	54602 SUMM_T2	5	3	-2	0.16	0.2	0.04	0	0	0	0	0	0	0	0
11/3/2023 20:06	54701 NEBL_T1	0	0	0	0	0	0	0	0	1	1	0	600	600	0
11/3/2023 20:06	67002 STHI_T2	0	2	2	0	0.15	0.15	0.55	0.57	0	0	0	0	0	0
11/3/2023 20:06	66703 STRA_T1	0	0	0	0	0	0	-0.28	-0.28	0	0	0	0	0	0
11/3/2023 20:06	16302 ALPA_T2	0	0	0	0	0	0	0.61	0.6	0	0	0	0	0	0
11/3/2023 20:06	46501 LOHA_T1	0	1	1	0	0.4	0.4	-0.61	-0.6	1	1	0	1200	1200	0
11/3/2023 20:06	45501 DERR_T2	0	0	0	0	0	0	0.2	0.21	2	2	0	1800	1800	0
11/3/2023 20:07	14802 TREI_T2	3	2	-1	0.33	0.2	-0.13	0	0	0	0	0	0	0	0
11/3/2023 20:07	64101 REFR_T1	0	0	0	0	0	0	-0.17	-0.18	0	0	0	0	0	0
11/3/2023 20:07	44301 BEAV_T2	2	2	0	0.45	0.65	0.2	0.15	0.15	1	1	0	600	600	0
11/3/2023 20:07	67001 STHI_T2	1	84	83	0.5	0.14	-0.36	0	0	0	0	0	0	0	0
11/3/2023 20:07	57401 SPAN_T1	2	2	0	0.15	0.35	0.2	-0.9	-0.85	1	1	0	600	600	0
11/3/2023 20:07	62604 ENGL_T1	0	0	0	0	0	0	-0.55	-0.53	1	1	0	600	600	0
11/3/2023 20:07	67204 TEHI_T2	0	0	0	0	0	0	0.16	0.14	0	0	0	0	0	0
11/3/2023 20:07	43001 ALWD_T1	16	57	41	0.31	0.27	-0.04	0	0	0	0	0	0	0	0
11/3/2023 20:07	56802 BENV_T2	1	15	14	0.9	0.19	-0.71	-1.43	-1.5	0	0	0	0	0	0
11/3/2023 20:07	15001 BLMO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/3/2023 20:07	60101 COCA_T1	0	0	0	0	0	0	0.22	0.21	0	0	0	0	0	0
11/3/2023 20:08	52401 GRPA_T2	0	0	0	0	0	0	-0.56	-0.54	0	0	0	0	0	0
11/3/2023 20:08	53903 HALI_T2	2	2	0	1.5	1.3	-0.2	-0.13	-0.14	0	0	0	0	0	0
11/3/2023 20:08	28403 HART_T2	0	0	0	0	0	0	-0.84	-0.82	1	1	0	900	900	0
11/3/2023 20:08	56801 BENV_T1	4	8	4	0.3	0.53	0.23	-0.76	-0.77	1	1	0	600	600	0
11/3/2023 20:08	54505 ENOL_T2	1	1	0	0.8	0.9	0.1	0	0	0	0	0	0	0	0
11/3/2023 20:08	59101 WALK_T2	1	1	0	0	0	0	1.07	0.77	1	1	0	450	450	0
11/3/2023 20:08	42701 AUGU_T1	1	1	0	0.5	0.8	0.3	0	0	2	2	0	1800	1800	0
11/3/2023 20:08	52502 PROG_T2	0	0	0	0	0	0	0.24	0.26	0	0	0	0	0	0
11/3/2023 20:09	29402 BELT_T1	1	1	0	8	8.5	0.5	0	0	0	0	0	0	0	0
11/3/2023 20:09	10801 CHHI_T1	0	0	0	0	0	0	-0.93	-0.95	1	1	0	900	900	0
11/3/2023 20:09	62604 ENGL_T1	0	0	0	0	0	0	-0.55	-0.53	1	1	0	600	600	0
11/3/2023 20:09	50701 SMIC_T1	0	0	0	0	0	0	0.05	0.04	0	0	0	0	0	0
11/3/2023 20:09	58402 MORO_T1	0	0	0	0	0	0	-1.15	-1.21	2	2	0	1500	1500	0
11/3/2023 20:09	66901 SHIL_T2	0	10	10	0	0.1	0.1	-1.8	-1.79	1	1	0	1200	1200	0
11/3/2023 20:09	67502 WEWI_T2	7	115	108	0.11	0.16	0.05	-0.47	-1.5	1	1	0	900	900	0
11/3/2023 20:09	56801 BENV_T1	4	8	4	0.3	0.53	0.23	-1.52	-1.54	2	2	0	1200	1200	0
11/3/2023 20:09	65604 QVIL_T2	0	0	0	0	0	0	0.33	0.3	0	0	0	0	0	0
11/3/2023 20:10	45702 LIND_T2	1	13	12	1.8	0.32	-1.48	-0.64	-0.63	0	0	0	0	0	0
11/3/2023 20:10	28403 HART_T2	0	0	0	0	0	0	-0.84	-0.82	1	1	0	900	900	0
11/3/2023 20:10	50501 MECH_T1	4	4	0	1.48	1.58	0.1	0	0	0	0	0	0	0	0
11/3/2023 20:10	44802 EDAN_T2	0	0	0	0	0	0	-0.97	-1.01	0	0	0	0	0	0
11/3/2023 20:10	66503 SMAN_T2	7	4	-3	0.19	0.15	-0.04	0	0	0	0	0	0	0	0
11/3/2023 20:10	67502 WEWI_T2	7	115	108	0.11	0.16	0.05	0	0	0	0	0	0	0	0
11/3/2023 20:10	59101 WALK_T2	1	1	0	0	0	0	2.14	1.53	2	2	0	900	900	0
11/3/2023 20:10	56802 BENV_T2	1	15	14	0.9	0.19	-0.71	-1.43	-1.5	0	0	0	0	0	0
11/3/2023 20:10	46801 HEPB_T2	2	3	1	0.35	0.5	0.15	0.56	0.58	0	0	0	0	0	0
11/3/2023 20:10	47401 PENS_T1	0	0	0	0	0	0	0.74	0.76	0	0	0	0	0	0
11/3/2023 20:10	57401 SPAN_T1	2	2	0	0.15	0.35	0.2	-0.9	-0.85	1	1	0	600	600	0
11/3/2023 20:10	64301 LINC_T1	0	0	0	0	0	0	0.13	0.11	0	0	0	0	0	0
11/3/2023 20:10	12401 MILF_T1	0	0	0	0	0	0	-0.31	-0.29	0	0	0	0	0	0
11/3/2023 20:10	52502 PROG_T2	0	0	0	0	0	0	0.24	0.26	0	0	0	0	0	0
11/3/2023 20:10	46203 DANV_T2	0	0	0	0	0	0	-1.43	-1.43	0	0	0	0	0	0
11/3/2023 20:11	57401 SPAN_T1	2	2	0	0.15	0.35	0.2	-1.71	-1.72	2	2	0	1200	1200	0
11/3/2023 20:11	40101 HUNT_T2	3	2	-1	0.43	0.7	0.27	-0.61	-0.64	0	0	0	0	0	0
11/3/2023 20:11	43201 MVIL_T2	0	0	0	0	0	0	-0.38	-0.39	0	0	0	0	0	0
11/3/2023 20:11	43304 WATS_T2	0	0	0	0	0	0	-0.98	-0.81	0	0	0	0	0	0
11/3/2023 20:11	65001 NEFF_T2	4	46	42	0.13	0.11	-0.02	-1.27	-1.23	1	1	0	1200	1200	0
11/3/2023 20:11	44302 BEAV_T2	100	177	77	0.36	0.45	0.09	0.2	0.17	0	0	0	0	0	0
11/3/2023 20:11	62605 ENGL_T1	0	3	3	0	0.1	0.1	0	0	0	0	0	0	0	0
11/3/2023 20:11	52403 GRPA_T2	2	2	0	0.3	0	-0.3	-0.11	-0.14	0	0	0	0	0	0
11/3/2023 20:11	64802 MONE_T2	44	56	12	0.2	0.38	0.18	-0.01	-0.01	0	0	0	0	0	0
11/3/2023 20:11	53101 WTWN_T1	2	3	1	0.2	0.33	0.13	0	0	0	0	0	0	0	0
11/3/2023 20:11	56801 BENV_T1	4	8	4	0.3	0.53	0.23	-0.77	-0.75	1	1	0	600	600	0
11/3/2023 20:11	54502 ENOL_T2	0	0	0	0	0	0	-1.33	-1.35	0	0	0	0	0	0
11/3/2023 20:11	46702 RENO_T1	0	0	0	0	0	0	-0.16	-0.16	0	0	0	0	0	0
11/3/2023 20:11	42701 AUGU_T1	1	1	0	0.5	0.8	0.3	0	0	2	2	0	1800	1800	0
11/3/2023 20:12	57403 SPAN_T1	0	0	0	0	0	0	0.04	0.04	0	0	0	0	0	0
11/3/2023 20:12	42701 AUGU_T1	1	1	0	0.5	0.8	0.3	0	0	2	2	0	1800	1800	0
11/3/2023 20:12	45802 HEGI_T2	0	0	0	0	0	0	0.65	0.6	0	0	0	0	0	0
11/3/2023 20:12	54505 ENOL_T2	1	1	0	0.8	0.9	0.1	0	0	0	0	0	0	0	0
11/3/2023 20:12	60903 DONG_T2	0	1	1	0	0	0	0	0	0	0	0	0	0	0
11/3/2023 20:12	57403 SPAN_T1	0	0	0	0	0	0	0.04	0.04	0	0	0	0	0	0
11/3/2023 20:12	56801 BENV_T1	4	8	4	0.3	0.53	0.23	-1.54	-1.5	2	2	0	1200	1200	0
11/3/2023 20:12	60803 BUCK_T1	15	12	-3	0.44	0.36	-0.08	-0.89	-0.89	1	1	0	600	600	0
11/3/2023 20:12	62607 ENGL_T1	0	1	1	0	0.1	0.1	0	0	0	0	0	0	0	0
11/3/2023 20:12	49803 UNIV_T1	0	0	0	0	0	0	0.15	0.12	0	0	0	0	0	0
11/3/2023 20:12	59101 WALK_T2	1	1	0	0	0	0	0.77	0.93	1	1	0	450	450	0
11/3/2023 20:12	45501 DERR_T2	0	0	0	0	0	0	0.42	0.4	4	4	0	3600	3600	0
11/3/2023 20:12	64802 MONE_T2	44	56	12	0.2	0.38	0.18	-0.01	-0.01	0	0	0	0	0	0
11/3/2023 20:12	45502 DERR_T2	0	0	0	0	0	0	-0.63	-0.64	0	0	0	0

11/3/2023 20:16	56802 BENV_T2	15	2	-13	0.18	0.6	0.42	-1.5	-1.44	0	0	0	0	0	0
11/3/2023 20:16	57401 SPAN_T1	2	2	0	0.35	0.35	0	0	0	0	0	0	0	0	0
11/3/2023 20:16	41902 REED_T1	3	5	2	0.23	0	-0.23	1.06	1.01	0	0	0	0	0	0
11/3/2023 20:16	43202 MVIL_T2	0	0	0	0	0	0	-0.71	-0.69	0	0	0	0	0	0
11/3/2023 20:16	15001 BLMO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/3/2023 20:16	40902 JESH_T1	0	0	0	0	0	0	-0.67	-0.64	0	0	0	0	0	0
11/3/2023 20:16	59101 WALK_T2	1	1	0	0	0	0	0.77	0.93	1	1	0	450	450	0
11/3/2023 20:16	42201 SHEN_T2	0	0	0	0	0	0	0.37	0.37	0	0	0	0	0	0
11/3/2023 20:16	58402 MORO_T1	0	0	0	0	0	0	-1.21	-1.23	2	2	0	1500	1500	0
11/3/2023 20:17	42801 SELI_T1	1	1	0	0	0	0	0	0	0	0	0	0	0	0
11/3/2023 20:17	59003 MIFF_T1	0	0	0	0	0	0	0.47	0.27	0	0	0	0	0	0
11/3/2023 20:17	42201 SHEN_T2	0	0	0	0	0	0	0.37	0.37	0	0	0	0	0	0
11/3/2023 20:17	43304 WATS_T2	0	0	0	0	0	0	-0.49	-0.41	0	0	0	0	0	0
11/3/2023 20:17	40101 HUNT_T2	2	2	0	0.7	0.9	0.2	-0.61	-0.64	0	0	0	0	0	0
11/3/2023 20:17	52402 GRPA_T2	4	4	0	0.85	1.1	0.25	0	0	0	0	0	0	0	0
11/3/2023 20:17	61802 EEU_T2	29	0	-29	0.14	0	-0.14	0	0	0	0	0	0	0	0
11/3/2023 20:17	47401 PENS_T1	0	1	1	0	0.1	0.1	0.76	0.74	0	0	0	0	0	0
11/3/2023 20:17	56802 BENV_T2	15	2	-13	0.18	0.6	0.42	-1.5	-1.44	0	0	0	0	0	0
11/3/2023 20:18	66703 STRA_T1	0	1	1	0	0.1	0.1	-0.28	-0.27	0	0	0	0	0	0
11/3/2023 20:18	57401 SPAN_T1	2	2	0	0.35	0.35	0	-0.85	-0.86	1	1	0	600	600	0
11/3/2023 20:18	59101 WALK_T2	1	1	0	0	0	0	0.77	0.93	1	1	0	450	450	0
11/3/2023 20:18	59003 MIFF_T1	0	0	0	0	0	0	0.47	0.27	0	0	0	0	0	0
11/3/2023 20:19	55105 WERT_T1	0	0	0	0	0	0	-0.73	-0.72	1	1	0	900	900	0
11/3/2023 20:20	43402 BENT_T1	0	0	0	0	0	0	-0.95	-0.97	1	1	0	900	900	0
11/3/2023 20:20	54503 ENOL_T2	0	0	0	0	0	0	-1.09	-1.07	1	1	0	600	600	0
11/3/2023 20:21	54206 PENN_T2	0	0	0	0	0	0	0	-0.04	0	0	0	0	0	0
11/3/2023 20:21	44302 BEAV_T2	137	187	50	0.45	0.51	0.06	0.2	0.17	0	0	0	0	0	0
11/3/2023 20:29	43402 BENT_T1	0	0	0	0	0	0	-0.97	-0.97	1	1	0	900	900	0
11/3/2023 20:35	54204 PENN_T2	0	1	1	0	0.1	0.1	0	0	0	0	0	0	0	0
11/3/2023 20:43	13901 SEID_T1	0	0	0	0	0	0	0.19	0.19	0	0	0	0	0	0
11/3/2023 20:45	65001 NEFF_T2	4	142	138	0.18	0.15	-0.03	-1.24	-1.28	1	1	0	1200	1200	0
11/3/2023 20:53	12701 MACU_T1	0	0	0	0	0	0	0.06	0.1	0	0	0	0	0	0
11/3/2023 20:58	56802 BENV_T2	2	27	25	0.6	0.19	-0.41	-2.94	-2.84	0	0	0	0	0	0
11/3/2023 21:12	22901 HARW_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/3/2023 21:20	43402 BENT_T1	0	0	0	0	0	0	-0.97	-0.97	1	1	0	900	900	0
11/3/2023 21:35	21606 EYNO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/3/2023 21:40	65001 NEFF_T2	151	209	58	0.16	0.23	0.07	-1.3	-1.31	1	1	0	1200	1200	0
11/3/2023 22:11	52403 GRPA_T2	0	0	0	0	0	0	-0.09	-0.06	0	0	0	0	0	0
11/4/2023 0:28	67605 WARW_T1	15	6	-9	0.47	0.27	-0.2	-1.2	-1.19	0	0	0	0	0	0
11/4/2023 0:28	16301 ALPA_T1	1	1	0	0.2	0.2	0	-1.06	-1.1	0	0	0	0	0	0
11/4/2023 0:28	47901 HRDG_T1	0	0	0	0	0	0	2.4	1.03	0	0	0	0	0	0
11/4/2023 0:28	52402 GRPA_T2	1	1	0	1.9	1.8	-0.1	0	0	0	0	0	0	0	0
11/4/2023 0:28	54503 ENOL_T2	0	0	0	0	0	0	-1.13	-1.12	1	1	0	600	600	0
11/4/2023 0:28	60801 BUCK_T1	5	18	13	0.14	0.14	0	-0.52	-0.54	0	0	0	0	0	0
11/4/2023 0:28	54505 ENOL_T2	1	1	0	0.4	0.2	-0.2	-1.24	-1.27	1	1	0	600	600	0
11/4/2023 0:28	60201 ATGL_T2	8	8	0	0.14	0.1	-0.04	0.07	0.11	0	0	0	0	0	0
11/4/2023 0:28	43001 ALWD_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/4/2023 0:28	28604 BLYT_T2	0	0	0	0	0	0	-1.44	-1.44	0	0	0	0	0	0
11/4/2023 0:28	45001 LINE_2	28	30	2	0.38	0.44	0.06	0	0	0	0	0	0	0	0
11/4/2023 0:28	43304 WATS_T2	0	0	0	0	0	0	-2.33	-2.3	0	0	0	0	0	0
11/4/2023 0:28	66505 SMAN_T2	3	0	-3	0.13	0	-0.13	0	0	0	0	0	0	0	0
11/4/2023 0:28	29401 BELT_T1	0	0	0	0	0	0	0	0	1	1	0	900	900	0
11/4/2023 0:28	46903 MNTG_T2	0	0	0	0	0	0	-0.25	-0.23	1	1	0	600	600	0
11/4/2023 0:28	44502 HAMI_T2	1	1	0	3.4	3.4	0	-0.98	-0.96	0	0	0	0	0	0
11/4/2023 0:28	57401 SPAN_T1	2	0	-2	0.15	0	-0.15	-1.98	-2.08	2	2	0	1200	1200	0
11/4/2023 0:28	45001 LINE_2	28	30	2	0.38	0.44	0.06	0	0	0	0	0	0	0	0
11/4/2023 0:28	29401 BELT_T1	0	0	0	0	0	0	0	0	1	1	0	900	900	0
11/4/2023 0:28	54504 ENOL_T2	0	0	0	0	0	0	-1.06	-1.09	1	1	0	600	600	0
11/4/2023 0:28	67001 STHI_T2	1	1	0	0.4	0.2	-0.2	0.04	0.08	0	0	0	0	0	0
11/4/2023 0:28	56501 ROCK_T2	129	185	56	0.21	0.2	-0.01	-8.1	-8.1	0	0	0	0	0	0
11/4/2023 0:28	54502 ENOL_T2	0	0	0	0	0	0	-1.4	-1.4	0	0	0	0	0	0
11/4/2023 0:28	43202 MVIL_T2	0	0	0	0	0	0	-0.71	-0.72	0	0	0	0	0	0
11/4/2023 0:28	45402 WILO_T2	1	1	0	0.7	0.2	-0.5	-0.84	-0.83	0	0	0	0	0	0
11/4/2023 0:28	60701 BREC_T1	0	0	0	0	0	0	0.01	-0.06	0	0	0	0	0	0
11/4/2023 0:28	41902 REED_T1	0	0	0	0	0	0	1.8	1.68	0	0	0	0	0	0
11/4/2023 0:28	58302 NOTT_T1	0	0	0	0	0	0	-1.09	-1.09	1	1	0	1200	1200	0
11/4/2023 0:28	47402 PENS_T1	1	0	-1	0.1	0	-0.1	0	0	0	0	0	0	0	0
11/4/2023 0:28	54504 ENOL_T2	0	0	0	0	0	0	-1.06	-1.09	1	1	0	600	600	0
11/4/2023 0:28	42901 MIDD_T2	446	472	26	0.68	0.68	0	0	0	0	0	0	0	0	0
11/4/2023 0:28	67203 TEHI_T1	0	0	0	0	0	0	1.64	1.62	0	0	0	0	0	0
11/4/2023 0:28	67001 STHI_T2	1	1	0	0.4	0.2	-0.2	0.04	0.08	0	0	0	0	0	0
11/4/2023 0:28	61801 EEU_T2	2	2	0	0.65	0.65	0	-0.49	-0.51	0	0	0	0	0	0
11/4/2023 0:28	53901 HAU_T2	6	5	-1	0.15	0.14	-0.01	0	0	0	0	0	0	0	0
11/4/2023 0:28	15001 BLMO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/4/2023 0:28	15103 UPHA_T2	0	0	0	0	0	0	0.3	0.33	0	0	0	0	0	0
11/4/2023 0:28	57402 SPAN_T2	0	0	0	0	0	0	-1.23	-1.24	0	0	0	0	0	0
11/4/2023 0:28	47101 MARL_T1	0	0	0	0	0	0	-3.82	-3.8	2	2	0	1200	1200	0
11/4/2023 0:28	16302 ALPA_T2	0	0	0	0	0	0	1.74	1.68	0	0	0	0	0	0
11/4/2023 0:28	60502 NMAN_T2	0	0	0	0	0	0	-0.61	-0.62	0	0	0	0	0	0
11/4/2023 0:28	56802 BENV_T2	1	1	0	0.6	0.7	0.1	-2.84	-2.86	0	0	0	0	0	0
11/4/2023 0:28	54601 SUMM_T2	6	6	0	0.37	0.32	-0.05	3.95	3.94	4	4	0	4200	4200	0
11/4/2023 0:28	64101 REFR_T1	0	0	0	0	0	0	-0.02	0.11	0	0	0	0	0	0
11/4/2023 0:28	49803 UNIV_T1	0	0	0	0	0	0	-1.4	-1.41	0	0	0	0	0	0
11/4/2023 0:28	43302 WATS_T2	1	0	-1	0.1	0	-0.1	0	0	0	0	0	0	0	0
11/4/2023 0:28	59202 THOM_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/4/2023 0:28	59301 MCAL_T1	95	96	1	0.82	0.91	0.09	0	0	0	0	0	0	0	0
11/4/2023 0:28	12701 MACU_T1	0	0	0	0	0	0	0.04	0.04	0	0	0	0	0	0
11/4/2023 0:28	40101 HUNT_T2	13	61	48	0.38	0.3	-0.08	-0.88	-0.87	0	0	0	0	0	0
11/4/2023 0:28	47802 MOCA_T2	0	0	0	0	0	0	-1.12	-1.13	0	0	0	0	0	0
11/4/2023 0:28	14403 SSLA_T1	0	0	0	0	0	0	0.57	0.55	0	0	0	0	0	0
11/4/2023 0:28	43402 BENT_T1	0	0	0	0	0	0	-1.61	-1.63	2	2	0	1500	1500	0
11/4/2023 0:28	41801 GOCI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/4/2023 0:28	45501 DERR_T2	1	1	0	0.4	0.5	0.1	-0.76	-0.5	10	10	0	9000	9000	0
11/4/2023 0:28	46001 BIEW_T1	0	0	0	0	0	0	0.44	0.42	0	0	0	0	0	0
11/4/2023 0:28	13105 NHAM_T2	0	0	0	0	0	0	-0.38	-0.33	1	1	0	1200	1200	0
11/4/2023 0:28	56801 BIENV_T1	11	11	0	0.94	1.02	0.08	-2.55	-2.49	3	3	0	1800	1800	0
11/4/2023 0:28	10801 CHHI_T2	1	1	0	8	8.2	0.2	-0.77	-0.8	0	0	0	0	0	0
11/4/2023 0:28	67502 WEWI_T2	0	0	0	0	0	0	-1.6	-1.58	1	1	0	900	900	0
11/4/2023 6:09	53903 HAU_T2	0	0	0	0	0	0	-0.14	-0.13	0	0	0	0	0	0
11/4/2023 6:25	53903 HAU_T2	0	0	0	0	0	0	-0.13	-0.12	0	0	0	0	0	0
11/4/2023 7:21	43304 WATS_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/4/2023 7:57	43402 BENT_T1	0	0	0	0	0	0	-1.58	-1.55	2	2	0	1500	1500	0
11/4/2023 7:57	44502 HAMI_T2	1	1	0	2.4	2.4	0	-0.83	-0.84	0	0	0	0	0	0
11/4/2023 8:10	43402 BENT_T1	0	0	0	0	0	0	-1.58	-1.55	2	2	0	1500	1500	0
11/4/2023 8:15	58402 MORO_T1	0	0	0	0	0	0	-2.27	-2.28	3	3	0	2400	2400	0
11/4/2023 8:18	58402 MORO_T1	0	0	0	0	0	0	-2.27	-2.28	3	3	0	2400	2400	0
11/4/2023 8:19	54701 NEBL_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/4/2023 8:20	59101 WALK_T2	1	4	3	0	0	0	1.8	1.76	0	0	0	0	0	0
11/4/2023 8:22	49803 UNIV_T1	0	0	0	0	0	0	-1.16	-1.15	0	0	0	0	0	0
11/4/2023 8:23	60201 ATGL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/4/2023 8:25	45501 DERR_T2	1	0	-1	0.2	0	-0.2	-0.5	-0.43	2	2	0	1800	1800	0
11/4/2023 8:26	43304 WATS_T2	0	0	0	0	0	0	-0.79	-0.71	0	0	0	0	0	0
11/4/2023 8:27	45501 DERR_T2	1	0	-1	0.2	0	-0.2	-0.43	-0.45	2	2	0	1800	1800	0
11/4/2023 8:29	43402 BENT_T1	0	0	0	0	0	0	-1.56	-1.56	2	2	0	1500	1500	0
11/4/2023 8:30	55002 NEWP_T1	5	6	1	0.48	0.58	0.1	-0.18	-0.2	0	0	0	0	0	0
11/4/2023 8:31	46801 HEPB_T2	0	0	0	0	0	0	0.58	0.57	0	0	0	0	0	0
11/4/2023 8:35	54701 NEBL_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/4/2023 8:43	26401 INOR_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/4/2023 8:44	45802 HEGI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/4/2023 8:46	47101 MARL_T1	12	6	-6	0.2	0	-0.2	-4.15	-4.32	2	2	0	1200	1200	0
11/4/2023 8:48	47101 MARL_T1	12	6	-6	0.2	0	-0.2	-2.08	-2.16	1	1	0	600	600	0
11/4/2023 8:53	65902 SAKR_T2	0	0	0	0	0	0	0	0	1	1	0	300	300	0
11/4/2023 8:59	52402 GRPA_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/4/2023 9:01	52402 GRPA_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/4/2023 9:01	43304 WATS_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/4/2023 9:10	43402 BENT_T1	0	0	0	0	0	0	-1.56	-1.55	2	2	0	1500	1500	0
11/4/2023 9:11	41801 GOCI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/4/2023 9:13	40101 HUNT_T2	0	0	0	0	0	0	-0.58	-0.61	0	0	0	0	0	0
11/4/2023 9:16	41801 GOCI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/4/2023 9:17	54701 NEBL_T1	0	0	0	0	0	0	0	0	1	1	0	600	600	0
11/4/2023 9:19	58402 MORO_T1	0	0	0	0	0	0	-2.23	-2.25	3	3	0	2400	2400	0
11/4/2023 9:21	67203 TEHI_T1	0	0	0	0	0	0	1.44	1.3	1	1	0	600	600	0
11/4/2023 9:23	29402 BELT_T1	1	1	0	6.4	7.1	0.7	0	0	0	0	0	0	0	0
11/4/2023 9:23	43304 WATS_T2	0	0	0	0	0	0	-0.75	-0.71	0	0	0	0	0	0
11/4/2023 9:29	42001 MNVL_T2	0	0	0	0	0	0	0.03	0.05	0	0	0	0	0	0
11/4/2023 9:29	43402 BENT_T1	0	0	0	0	0	0	-1.56	-1.57	2	2	0	1500	1500	0
11/4/2023 9:30	26401 INOR_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/4/2023 9:31	52404 GRPA_T2	1	3	2	0.2	0	-0.2	0	0	0	0	0	0	0	0
11/4/2023 9:33	54701 NEBL_T1	0	0	0	0	0	0	0	0	1	1	0	600	600	0
11/4/2023 9:37	43304 WATS_T2	0	0	0	0	0	0	-0.71	-0.77	0	0	0	0	0	0
11/4/2023 9:39	10801 CHHI_T1	0	0	0	0	0	0	-1.5	-1.51	2	2	0	1500	1500	0
11/4/2023 9:39	43304 WATS_T2	0	0	0	0	0	0	-0.71	-0.77	0	0	0	0	0	0
11/4/2023 9:40	43304 WATS_T2	0	0	0	0	0	0	-0.71	-0.77	0	0	0	0	0	0
11/4/2023 9:40	22901 HARW_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/4/2023 9:41	45802 HEGI_T2	0	0	0	0	0	0	0.08	0.3	0	0	0	0	0	0
11/4/2023 9:42	44302 BEAV_T2	128	125	-3	0.38	0.39	0.01	0	0	0	0	0	0	0	0
11/4/2023 9:45	26401 INOR_T1	0	0	0	0	0	0	0.33	0.22	0	0	0	0	0	0
11/4/2023 9:46	26402 INOR_T1	0	0	0	0	0	0	-0.4	-0.45	0	0	0	0	0	0
11/4/2023 9:46	26401 INOR_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/4/2023 9:47	46702 RENO_T1	0	0	0	0	0	0	-0.16	-0.17	0	0	0	0	0	0
11/4/2023 9:49	14403 SSLA_T1	0	0	0	0	0	0	0.75	0.76	0	0	0	0	0	0
11/4/2023 9:52	66504 SMAN_T2	0	0	0	0	0	0	-1.69	-1.79	1	1	0	1200	1200	0
11/4/2023 9:52	59202 THOM_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/4/2023 9:52	41902 REED_T1	6	2	-4	0.62	0	-0.62	0	0	0	0	0	0	0	0
11/4/2023 9:53	14403 SSLA_T1	0	0	0	0	0	0	0.75	0.76	0	0	0	0	0	0
11/4/2023 9:54	15001 BLMO_T1	1	0	-1	1.6	0	-1.6	0	0	0	0	0	0	0	0
11/4/2023 9:55	29402 BELT_T1	1	1	0	7.1	7.4	0.3	0	0	0	0	0	0	0	0
11/4/2023 10:00	56601 HAMP_T1	0	0	0	0	0	0	-0.67	-0.64	0	0	0	0	0	0
11/4/2023 10:00	46004 BERW_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/4/2023 10:00	65902 SAKR_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/4/2023 10:00	12604 MACA_T1	0	0	0	0	0	0	0.39	0.38	0	0	0	0	0	0
11/4/2023 10:00	43202 MVIL_T2	0	0	0	0	0	0	-1.32	-1.42	0	0	0	0	0	0
11/4/2023 10:00	43304 WATS_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/4/2023 10:00	52402 GRPA_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/4/2023 10:00	43402 BENT_T1	0	0	0	0	0	0	-1.56	-1.57	2	2	0	1500	1500	0
11/4/2023 10:00	67604 WARW_T1	0	1	1	0	0	0	0.6	0.59	0	0	0	0	0	0
11/4/2023 10:00	40602 PIGR_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/4/2023 10:00	41902 REED_T1	2	6	4	0.3	0	-0.3	0	0	0	0	0	0	0	0
11/4/2023 10:00	64801 MONE_T2	0	0	0	0	0	0	-0.01	-0.01	0	0	0	0	0	0
11/4/2023 10:00	46203 DANV_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/4/2023 10:00	56501 ROCK_T2	13	1	-12	0.18	0.1	-0.08	0	0	0	0	0	0	0	0
11/4/2023 10:00	42701 AUGU_T1	0	0	0	0	0	0	0	0	2	2	0	1800	1800	0
11/4/2023 10:00	60801 BUCK_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/4/2023 10:00	22901 HARW_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/4/2023 10:00	60201 ATGL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/4/2023 10:00	56802 BENV_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/4/2023 10:00	52503 PROG_T2	0	0	0	0	0	0	-0.63	-0.63	1	1	0	900	900	0
11/4/2023 10:00	20401 ASHF_T2	0	0	0	0	0	0	-0.36	-0.36	1	1	0	600	600	0
11/4/2023 10:00	23301 JEFF_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/4/2023 10:00	66505 SMAN_T2	0	0	0	0	0	0	-0.3	-0.19	2	2	0	1100	1100	0
11/4/2023 10:00	26401 INOR_T1	0	0	0	0	0	0

Appendix C - Grid Benefits Achieved in Each Instance of Active Management

11/4/2023 10:13	52404 GRPA_T2	1	1	0	0.2	0.8	0.6	0	0	0	0	0	0	0	0
11/4/2023 10:14	61303 EARL_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/4/2023 10:14	12701 MACU_T1	0	0	0	0	0	0	0.12	0.12	0	0	0	0	0	0
11/4/2023 10:14	28403 HART_T2	0	0	0	0	0	0	-0.92	-0.93	1	1	0	900	900	0
11/4/2023 10:15	52403 GRPA_T2	1	1	0	0.4	0	-0.4	-0.66	-0.66	0	0	0	0	0	0
11/4/2023 10:15	12701 MACU_T1	0	0	0	0	0	0	0.12	0.12	0	0	0	0	0	0
11/4/2023 10:15	46801 HEPB_T2	0	0	0	0	0	0	0.57	0.57	0	0	0	0	0	0
11/4/2023 10:16	65001 NEFF_T2	0	0	0	0	0	0	-1.14	-1.16	1	1	0	1200	1200	0
11/4/2023 10:16	40901 JESH_T1	1	1	0	0.2	0.2	0	0	0	0	0	0	0	0	0
11/4/2023 10:16	58402 MORO_T1	0	5	5	0	0.2	0.2	-2.21	-2.25	3	3	0	2400	2400	0
11/4/2023 10:16	26401 INOR_T1	0	1	1	0	0.1	0.1	0.23	0.22	0	0	0	0	0	0
11/4/2023 10:17	58402 MORO_T1	0	5	5	0	0.2	0.2	-2.21	-2.25	3	3	0	2400	2400	0
11/4/2023 10:18	46602 LACR_T1	0	0	0	0	0	0	-0.5	-0.61	0	0	0	0	0	0
11/4/2023 10:18	51201 MTON_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/4/2023 10:19	58402 MORO_T1	0	5	5	0	0.2	0.2	-2.21	-2.25	3	3	0	2400	2400	0
11/4/2023 10:20	55002 NEWP_T1	1	2	1	0.1	0.15	0.05	-0.18	-0.18	0	0	0	0	0	0
11/4/2023 10:20	54701 NEBL_T1	0	0	0	0	0	0	0	0	1	1	0	600	600	0
11/4/2023 10:20	59101 WALK_T2	5	6	1	0.3	0.9	0.6	1.86	1.83	0	0	0	0	0	0
11/4/2023 10:21	57401 SPAN_T1	0	0	0	0	0	0	-2.18	-2.32	2	2	0	1200	1200	0
11/4/2023 10:21	59101 WALK_T2	5	6	1	0.3	0.9	0.6	3.73	3.66	0	0	0	0	0	0
11/4/2023 10:21	43304 WATS_T2	0	0	0	0	0	0	-0.77	-0.72	0	0	0	0	0	0
11/4/2023 10:22	56501 ROCK_T2	1	0	-1	0.1	0	-0.1	-1.55	-1.52	0	0	0	0	0	0
11/4/2023 10:22	43304 WATS_T2	0	0	0	0	0	0	-0.77	-0.72	0	0	0	0	0	0
11/4/2023 10:22	59101 WALK_T2	5	6	1	0.3	0.9	0.6	1.86	1.83	0	0	0	0	0	0
11/4/2023 10:23	66703 STRA_T1	0	0	0	0	0	0	-0.12	-0.11	0	0	0	0	0	0
11/4/2023 10:23	59101 WALK_T2	5	6	1	0.3	0.9	0.6	1.86	1.83	0	0	0	0	0	0
11/4/2023 10:24	59101 WALK_T2	5	6	1	0.3	0.9	0.6	1.86	1.83	0	0	0	0	0	0
11/4/2023 10:24	43304 WATS_T2	0	0	0	0	0	0	-1.54	-1.44	0	0	0	0	0	0
11/4/2023 10:24	57401 SPAN_T1	0	0	0	0	0	0	-1.09	-1.16	1	1	0	600	600	0
11/4/2023 10:25	15001 BLMO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/4/2023 10:25	60803 BUCK_T1	1	10	9	0.1	0.17	0.07	0	0	0	0	0	0	0	0
11/4/2023 10:26	62604 ENGL_T1	0	0	0	0	0	0	-0.58	-0.59	1	1	0	600	600	0
11/4/2023 10:26	28604 BLYT_T2	0	0	0	0	0	0	-1.37	-1.36	0	0	0	0	0	0
11/4/2023 10:26	56802 BENV_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/4/2023 10:26	15001 BLMO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/4/2023 10:26	60201 ATGL_T2	0	7	7	0	0.11	0.11	0.25	0.24	0	0	0	0	0	0
11/4/2023 10:26	43304 WATS_T2	0	0	0	0	0	0	-0.72	-0.75	0	0	0	0	0	0
11/4/2023 10:27	62604 ENGL_T1	0	0	0	0	0	0	-0.58	-0.59	1	1	0	600	600	0
11/4/2023 10:27	28604 BLYT_T2	0	0	0	0	0	0	-1.37	-1.36	0	0	0	0	0	0
11/4/2023 10:28	57401 SPAN_T1	0	0	0	0	0	0	-1.16	-1.15	1	1	0	600	600	0
11/4/2023 10:28	62606 ENGL_T1	0	1	1	0	3.7	3.7	0	0	0	0	0	0	0	0
11/4/2023 10:30	64503 LAVI_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/4/2023 10:30	58401 MORO_T1	0	0	0	0	0	0	-0.94	-0.98	1	1	0	600	600	0
11/4/2023 10:31	42903 MIDD_T2	2	4	2	2.45	1.25	-1.2	0	0	0	0	0	0	0	0
11/4/2023 10:31	10801 CHHI_T1	0	0	0	0	0	0	-1.51	-1.53	2	2	0	1500	1500	0
11/4/2023 10:31	12701 MACU_T1	0	0	0	0	0	0	0.12	0.08	0	0	0	0	0	0
11/4/2023 10:32	63802 HEMP_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/4/2023 10:32	59003 MIFF_T1	0	0	0	0	0	0	1.06	0.64	0	0	0	0	0	0
11/4/2023 10:33	62604 ENGL_T1	0	0	0	0	0	0	-0.58	-0.59	1	1	0	600	600	0
11/4/2023 10:33	65602 QVIL_T2	4	3	-1	0.13	0.2	0.07	0	0	0	0	0	0	0	0
11/4/2023 10:34	13904 SEID_T1	0	1	1	0	0	0	0	0	0	0	0	0	0	0
11/4/2023 10:34	58402 MORO_T1	3	5	2	0.1	0.24	0.14	0	0	0	0	0	0	0	0
11/4/2023 10:34	12701 MACU_T1	0	0	0	0	0	0	0.12	0.08	0	0	0	0	0	0
11/4/2023 10:34	46702 RENO_T1	0	0	0	0	0	0	-0.15	-0.14	0	0	0	0	0	0
11/4/2023 10:35	51004 NHAR_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/4/2023 10:35	22901 HARW_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/4/2023 10:36	45602 WOOL_T1	0	0	0	0	0	0	0.8	0.74	0	0	0	0	0	0
11/4/2023 10:37	67502 WEWI_T2	13	18	5	0.12	0.16	0.04	-4.26	-4.32	3	3	0	2700	2700	0
11/4/2023 10:37	65604 QVIL_T2	0	0	0	0	0	0	0.38	0.39	0	0	0	0	0	0
11/4/2023 10:37	54206 PENN_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/4/2023 10:38	67502 WEWI_T2	13	18	5	0.12	0.16	0.04	-1.42	-1.44	1	1	0	900	900	0
11/4/2023 10:38	56802 BENV_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/4/2023 10:39	16302 ALPA_T2	0	0	0	0	0	0	0.51	0.52	0	0	0	0	0	0
11/4/2023 10:39	45602 WOOL_T1	0	0	0	0	0	0	0.4	0.37	0	0	0	0	0	0
11/4/2023 10:40	67502 WEWI_T2	13	18	5	0.12	0.16	0.04	-1.42	-1.44	1	1	0	900	900	0
11/4/2023 10:40	67203 TEHI_T1	0	0	0	0	0	0	1.77	1.79	0	0	0	0	0	0
11/4/2023 10:40	16302 ALPA_T2	0	0	0	0	0	0	0.51	0.52	0	0	0	0	0	0
11/4/2023 10:41	16302 ALPA_T2	0	0	0	0	0	0	1.04	1.02	0	0	0	0	0	0
11/4/2023 10:43	53903 HALI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/4/2023 10:44	63401 HONY_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/4/2023 10:47	42902 MIDD_T2	62	79	17	0.33	0.45	0.12	-0.59	-0.64	0	0	0	0	0	0
11/4/2023 10:47	58401 MORO_T1	0	0	0	0	0	0	-0.98	-1.03	1	1	0	600	600	0
11/4/2023 10:48	58401 MORO_T1	0	0	0	0	0	0	-3.92	-4.12	4	4	0	2400	2400	0
11/4/2023 10:49	58402 MORO_T1	5	5	0	0.2	0.23	0.03	0	0	0	0	0	0	0	0
11/4/2023 10:49	64101 REFR_T1	0	0	0	0	0	0	-0.08	-0.1	0	0	0	0	0	0
11/4/2023 10:51	67401 WAKE_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/4/2023 10:52	27502 WEIS_T2	0	0	0	0	0	0	-0.54	-0.6	0	0	0	0	0	0
11/4/2023 10:53	44302 BEAV_T2	154	201	47	0.39	0.45	0.06	0.23	0.23	0	0	0	0	0	0
11/4/2023 10:53	66504 SMAN_T2	0	0	0	0	0	0	-0.41	-0.48	0	0	0	0	0	0
11/4/2023 10:54	29402 BELT_T1	1	2	1	8	8	0	0	0	0	0	0	0	0	0
11/4/2023 10:55	60201 ATGL_T2	0	3	3	0	0.1	0.1	0.24	0.26	0	0	0	0	0	0
11/4/2023 10:56	29402 BELT_T1	1	2	1	8	8	0	0	0	0	0	0	0	0	0
11/4/2023 10:56	61802 EELI_T2	0	1	1	0	0	0	0	0	0	0	0	0	0	0
11/4/2023 10:56	61103 BERK_T5	0	0	0	0	0	0	-0.74	-0.76	0	0	0	0	0	0
11/4/2023 10:56	54505 ENOL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/4/2023 10:59	52403 GRPA_T2	0	0	0	0	0	0	-0.62	-0.02	0	0	0	0	0	0
11/4/2023 11:00	21606 EYNO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/4/2023 11:01	28403 HART_T2	0	0	0	0	0	0	-0.94	-0.91	1	1	0	900	900	0
11/4/2023 11:02	64204 KINZ_T1	8	52	44	0.24	0.4	0.16	0	0	0	0	0	0	0	0
11/4/2023 11:02	61103 BERK_T5	0	0	0	0	0	0	-0.74	-0.76	0	0	0	0	0	0
11/4/2023 11:03	58402 MORO_T1	4	0	-4	0.23	0	-0.23	0	0	0	0	0	0	0	0
11/4/2023 11:04	57403 SPAN_T1	1	12	11	0.2	0.27	0.07	0.06	0.06	0	0	0	0	0	0
11/4/2023 11:04	58402 MORO_T1	4	0	-4	0.23	0	-0.23	0	0	0	0	0	0	0	0
11/4/2023 11:05	43301 WATS_T2	0	0	0	0	0	0	-0.61	-0.64	1	1	0	900	900	0
11/4/2023 11:05	55002 NEWP_T1	4	4	0	0.28	0.45	0.17	-0.19	-0.19	0	0	0	0	0	0
11/4/2023 11:05	44601 SALE_T2	1	1	0	0.3	0.4	0.1	-0.14	-0.21	0	0	0	0	0	0
11/4/2023 11:06	44601 SALE_T2	1	1	0	0.3	0.4	0.1	-0.14	-0.21	0	0	0	0	0	0
11/4/2023 11:06	43304 WATS_T2	0	0	0	0	0	0	-0.73	-0.75	0	0	0	0	0	0
11/4/2023 11:06	49803 UNIV_T1	0	0	0	0	0	0	-1.19	-1.09	0	0	0	0	0	0
11/4/2023 11:06	55002 NEWP_T1	4	4	0	0.28	0.45	0.17	-0.19	-0.19	0	0	0	0	0	0
11/4/2023 11:06	67203 TEHI_T1	0	0	0	0	0	0	1.77	1.69	0	0	0	0	0	0
11/4/2023 11:07	65602 QVIL_T2	3	5	2	0.17	0.16	-0.01	0	0	0	0	0	0	0	0
11/4/2023 11:08	60201 ATGL_T2	3	3	0	0.1	0.13	0.03	0.26	0.25	0	0	0	0	0	0
11/4/2023 11:08	60803 BUCK_T1	7	10	3	0.16	0.26	0.1	-0.85	-0.84	1	1	0	600	600	0
11/4/2023 11:08	67502 WEWI_T2	18	192	174	0.16	0.2	0.04	0	0	0	0	0	0	0	0
11/4/2023 11:08	14403 SSLA_T1	0	0	0	0	0	0	0.68	0.76	0	0	0	0	0	0
11/4/2023 11:08	57401 SPAN_T1	1	4	3	0.1	0.23	0.13	0	0	0	0	0	0	0	0
11/4/2023 11:08	43304 WATS_T2	0	0	0	0	0	0	-0.73	-0.75	0	0	0	0	0	0
11/4/2023 11:08	10805 CHHI_T2	1	1	0	7.7	7.5	-0.2	-1.29	-1.28	1	1	0	600	600	0
11/4/2023 11:10	43402 BENT_T1	0	0	0	0	0	0	-1.57	-1.58	2	2	0	1500	1500	0
11/4/2023 11:10	45402 WILO_T2	0	0	0	0	0	0	-0.66	-0.64	0	0	0	0	0	0
11/4/2023 11:10	15001 BLMO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/4/2023 11:12	56802 BENV_T2	1	1	0	0.8	0.9	0.1	-1.43	-1.4	0	0	0	0	0	0
11/4/2023 11:12	60801 BUCK_T1	0	1	1	0	0.1	0.1	0	0	0	0	0	0	0	0
11/4/2023 11:12	41801 GOCI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/4/2023 11:13	54504 ENOL_T2	0	0	0	0	0	0	-1.02	-1.09	1	1	0	600	600	0
11/4/2023 11:14	23301 JEFF_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/4/2023 11:15	21606 EYNO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/4/2023 11:16	41801 GOCI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/4/2023 11:18	41902 REED_T1	6	6	0	0.33	0.1	-0.23	0.89	0.82	0	0	0	0	0	0
11/4/2023 11:19	41902 REED_T1	6	6	0	0.33	0.1	-0.23	0.89	0.82	0	0	0	0	0	0
11/4/2023 11:19	43202 MVIL_T2	0	0	0	0	0	0	-0.71	-0.7	0	0	0	0	0	0
11/4/2023 11:19	14403 SSLA_T1	0	0	0	0	0	0	0.76	0.73	0	0	0	0	0	0
11/4/2023 11:19	54001 SDLE_T1	1	4	3	0.2	0.28	0.08	0	0	0	0	0	0	0	0
11/4/2023 11:20	41902 REED_T1	6	6	0	0.33	0.1	-0.23	0.89	0.82	0	0	0	0	0	0
11/4/2023 11:20	55002 NEWP_T1	4	5	1	0.33	0.58	0.25	-0.19	-0.17	0	0	0	0	0	0
11/4/2023 11:21	43202 MVIL_T2	0	0	0	0	0	0	-0.71	-0.7	0	0	0	0	0	0
11/4/2023 11:21	54001 SDLE_T1	1	4	3	0.2	0.28	0.08	0	0	0	0	0	0	0	0
11/4/2023 11:21	67605 WARW_T1	0	0	0	0	0	0	-1.16	-1.15	0	0	0	0	0	0
11/4/2023 11:21	13904 SEID_T1	1	1	0	0.5	0.7	0.2	0	0	0	0	0	0	0	0
11/4/2023 11:21	43304 WATS_T2	0	0	0	0	0	0	-0.75	-0.75	0	0	0	0	0	0
11/4/2023 11:22	14403 SSLA_T1	0	0	0	0	0	0	0.76	0.73	0	0	0	0	0	0
11/4/2023 11:22	54001 SDLE_T1	1	4	3	0.2	0.28	0.08	0	0	0	0	0	0	0	0
11/4/2023 11:22	56802 BENV_T2	1	1	0	0.6	1	0.4	-1.43	-1.4	0	0	0	0	0	0
11/4/2023 11:22	43304 WATS_T2	0	0	0	0	0	0	-0.75	-0.75	0	0	0	0	0	0
11/4/2023 11:23	10805 CHHI_T2	1	1	0	7.5	7.3	-0.2	-1.28	-1.32	1	1	0	600	600	0
11/4/2023 11:23	60501 NMAN_T2	110	108	-2	0.45	0.46	0.01	0	0	0	0	0	0	0	0
11/4/2023 11:24	67503 WEWI_T2	0	0	0	0	0	0	-0.41	-0.46	0	0	0	0	0	0
11/4/2023 11:24	60101 COCA_T1	0	0	0	0	0	0	0.74	0.7	0	0	0	0	0	0
11/4/2023 11:26	51903 COPA_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/4/2023 11:27	60502 NMAN_T2	0	1	1	0	0.2	0.2	-0.41	-0.49	0	0	0	0	0	0
11/4/2023 11:27	60803 BUCK_T1	9	9	0	0.19	0.3	0.11	0	0	0	0	0	0	0	0
11/4/2023 11:29	43402 BENT_T1	0	0	0	0	0	0	-1.56	-1.56	2	2	0	1500	1500	0
11/4/2023 11:29	64503 LAVI_T1	0	0	0	0	0	0	-1.61	-1.56	2	2	0	2400	2400	0
11/4/2023 11:29	45003 LIME_2	1	2	1	3.6	2.1	-1.5	0	0	1	1	0	1200	1200	0
11/4/2023 11:29	63804 HEMP_T1	5	5	0	1.38	1.42	0.04	0	0	0	0	0	0	0	0
11/4/2023 11:30	64503 LAVI_T1	0	0	0	0	0	0	-0.8	-0.78	1	1	0	1200	1200	0
11/4/2023 11:31	63801 HEMP_T1	201	205	4	0.3	0.3	0	0	0	0	0	0	0	0	0
11/4/2023 11:31	47101 MARL_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/4/2023 11:32	57403 SPAN_T1	12	18	6	0.27	0.32	0.05	0	0	0	0	0	0	0	0
11/4/2023 11:32	45002 LIME_2	15	20	5	0.22	0.24	0.02	0	0	0	0	0	0	0	0
11/4/2023 11:33	55002 NEWP_T1	4	5	1	0.45	0.7	0.25	-0.17	-0.17	0	0	0	0	0	0
11/4/2023 11:33	54202 PENN_T2	0	0	0	0	0	0	0.61	0.63	0	0	0	0	0	0
11/4/2023 11:35	65001 NEFF_T2	0	0	0	0	0	0	-1.2	-1.17	1	1	0	1200	1200	0
11/4/2023 11:35	14403 SSLA_T1	0	0	0	0	0	0	0.73	0.76	0	0	0	0	0	0
11/4/2023 11:35	59003 MIFF_T1	0	0	0	0	0	0	0.68	0.6	0	0	0	0	0	0
11/4/2023 11:35	55002 NEWP_T1	4	5	1	0.45	0.7	0.25	-0.17	-0.17	0	0	0	0	0	0
11/4/2023 11:36	55002 NEWP_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/4/2023 11:37	67605 WARW_T1	0	0	0	0	0	0	-1.15	-1.24	0	0	0	0	0	0
11/4/2023 11:37	64101 REFR_T1	0	0	0	0	0	0	-0.17	-0.13	0	0	0	0	0	0
11/4/2023 11:37	13904 SEID_T1	1	1	0	0.7	0	-0.7	0	0	0	0	0	0	0	0
11/4/2023 11:38	56801 BENV_T1	27	19	-8	0.8	0.82	0.02	-0.74	-0.73	1	1	0	600	600	0
11/4/2023 11:38	67502 WEWI_T2	192	22	-170	0.2	0.16	-0.04	-1.42	-1.42	1	1	0	900	900	0
11/4/2023 11:38	56802 BENV_T2	1	1	0	0.9	1	0.1	-1.4	-1.43	0	0	0	0	0	0
11/4/2023 11:38	14403 SSLA_T1	0	0	0	0	0	0	0.73	0.76	0	0	0	0	0	0
11/4/2023 11:39	67503 WEWI_T2	0	0	0	0	0	0	-0.46	-0.41	0	0	0	0	0	0
11/4/2023 11:39	56801 BENV_T1	27	19	-8	0.8	0.82	0.02	-0.74	-0.73	1	1	0	600	600	0
11/4/2023 11:39	67503 WEWI_T2	0	0	0	0	0	0	-0.46	-0.41	0	0	0	0	0	0
11/4/2023 11:40	67503 WEWI_T2	0	0	0	0	0	0	-0.46	-0.41	0	0	0	0	0	0
11/4/2023 11:40	56801 BENV_T1	27	19	-8	0.8	0.82	0.02	-1.48	-1.46	2	2	0	1200	1200	0
11/4/2023 11:40	60101 COCA_T1	0	1	1	0	0.4	0.4	0.7	0.67	0	0	0	0	0	0
11/4/2023 11:40	67503 WEWI_T2	0	0	0	0	0	0	-0.46	-0.41	0	0	0	0	0	0
11/4/2023 11:40	56802 BENV_T2	1	1	0	0.9	1	0.1	-1.4	-1.43	0	0	0	0	0	0
11/4/2023 11:41	10602 BLGL_T2	0	0	0	0	0	0	0.41	0.21	0	0	0	0	0	0
11/4/2023 11:41	56802 BENV_T2	1	1	0	0.9	1	0.1	-1.43	-1.42	0	0	0	0	0	0
11/4/2023 11:41	56803 BENV_T1	0	2	2	0	0.75	0.75	0	0	0	0	0	0	0	0
11/4/2023 11:42	56802 BENV_T2	1	1	0	0.9	1	0.1	-2.86	-2.84	0	0	0	0	0	0
11/4/2023 11:42	54502 ENOL_T2	0	1	1	0	0.1	0.1	-2.03	-2.04	1	1	0	600	600	0
11/4/2023 11:42	67502 WEWI_T2	192	22	-170	0.2	0.16	-0.04	-1.42	-1.44	1	1	0	900	900	0
11/4/2023 11:43	56802 BENV_T2	1	1

11/4/2023 12:12	54502 ENOL_T2	1	1	0	0.1	0.2	0.1	0	0	0	0	0	0	0	0
11/4/2023 12:13	46602 LACR_T1	0	0	0	0	0	0	-0.58	-0.63	0	0	0	0	0	0
11/4/2023 12:16	45702 LIND_T2	0	1	1	0	0.2	0.2	-0.44	-0.44	0	0	0	0	0	0
11/4/2023 12:18	54001 SDLE_T1	4	4	0	0.6	0.73	0.13	0	0	0	0	0	0	0	0
11/4/2023 12:20	54001 SDLE_T1	4	4	0	0.6	0.73	0.13	0	0	0	0	0	0	0	0
11/4/2023 12:22	44302 BEAV_T2	244	444	200	0.46	0.66	0.2	0.28	0.26	0	0	0	0	0	0
11/4/2023 12:22	54001 SDLE_T1	4	4	0	0.6	0.73	0.13	0	0	0	0	0	0	0	0
11/4/2023 12:23	64101 REFR_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/4/2023 12:24	44302 BEAV_T2	244	444	200	0.46	0.66	0.2	0	0	0	0	0	0	0	0
11/4/2023 12:24	15001 BLMO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/4/2023 12:26	54503 ENOL_T2	0	0	0	0	0	0	-0.98	-1.07	1	1	0	600	600	0
11/4/2023 12:26	44301 BEAV_T2	8	15	7	0.48	0.65	0.17	0	0	0	0	0	0	0	0
11/4/2023 12:26	15001 BLMO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/4/2023 12:27	54501 ENOL_T2	0	1	1	0	0.1	0.1	0	0	0	0	0	0	0	0
11/4/2023 12:27	54505 ENOL_T2	1	1	0	0.9	1	0.1	0	0	0	0	0	0	0	0
11/4/2023 12:27	44302 BEAV_T2	244	444	200	0.46	0.66	0.2	0.26	0.26	0	0	0	0	0	0
11/4/2023 12:27	15001 BLMO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/4/2023 12:27	42001 MNVL_T2	0	0	0	0	0	0	0.03	0.02	0	0	0	0	0	0
11/4/2023 12:28	54505 ENOL_T2	1	1	0	0.9	1	0.1	0	0	0	0	0	0	0	0
11/4/2023 12:28	44302 BEAV_T2	244	444	200	0.46	0.66	0.2	0.26	0.26	0	0	0	0	0	0
11/4/2023 12:29	43401 BENT_T1	1	1	0	0.9	0	-0.9	0	0	0	0	0	0	0	0
11/4/2023 12:30	54501 ENOL_T2	0	1	1	0	0.1	0.1	0	0	0	0	0	0	0	0
11/4/2023 12:30	43402 BENT_T1	0	0	0	0	0	0	-1.58	-1.59	2	2	0	1500	1500	0
11/4/2023 12:32	47101 MARL_T1	1	23	22	0.8	0	-0.8	-4.82	-2.94	2	2	0	1200	1200	0
11/4/2023 12:34	47101 MARL_T1	1	23	22	0.8	0	-0.8	-2.41	-1.47	1	1	0	600	600	0
11/4/2023 12:34	64101 REFR_T1	0	0	0	0	0	0	-0.2	-0.13	0	0	0	0	0	0
11/4/2023 12:35	55002 NEWP_T1	5	9	4	0.58	0.76	0.18	-0.21	-0.2	0	0	0	0	0	0
11/4/2023 12:36	55002 NEWP_T1	5	9	4	0.58	0.76	0.18	-0.21	-0.2	0	0	0	0	0	0
11/4/2023 12:41	67502 WEWI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/4/2023 12:49	64101 REFR_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/4/2023 12:52	14802 TREI_T2	0	0	0	0	0	0	0.68	0.66	0	0	0	0	0	0
11/4/2023 12:54	60101 COCA_T1	1	0	-1	0.2	0	-0.2	0.58	0.56	0	0	0	0	0	0
11/4/2023 13:00	46602 LACR_T1	0	0	0	0	0	0	-0.58	-0.6	0	0	0	0	0	0
11/4/2023 13:01	52004 LING_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/4/2023 13:02	55002 NEWP_T1	9	6	-3	0.69	0.63	-0.06	-0.21	-0.21	0	0	0	0	0	0
11/4/2023 13:03	48302 ORWI_T2	2	3	1	1.45	0.83	-0.62	-0.55	-0.55	0	0	0	0	0	0
11/4/2023 13:03	52503 PROG_T2	1	1	0	0.2	0.1	-0.1	0	0	0	0	0	0	0	0
11/4/2023 13:03	55002 NEWP_T1	9	6	-3	0.69	0.63	-0.06	-0.21	-0.21	0	0	0	0	0	0
11/4/2023 13:05	55002 NEWP_T1	9	6	-3	0.69	0.63	-0.06	-0.21	-0.21	0	0	0	0	0	0
11/4/2023 13:07	14403 SSLA_T1	0	0	0	0	0	0	0.65	0.65	0	0	0	0	0	0
11/4/2023 13:09	14403 SSLA_T1	0	0	0	0	0	0	0.65	0.65	0	0	0	0	0	0
11/4/2023 13:10	46004 BERW_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/4/2023 13:11	67502 WEWI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/4/2023 13:11	61303 EARL_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/4/2023 13:11	56801 BENV_T1	37	32	-5	0.74	0.88	0.14	-0.82	-0.81	1	1	0	600	600	0
11/4/2023 13:11	59102 WALK_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/4/2023 13:12	54505 ENOL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/4/2023 13:13	61303 EARL_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/4/2023 13:17	52004 LING_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/4/2023 13:18	64101 REFR_T1	1	1	0	0.2	0.2	0	-0.2	-0.18	0	0	0	0	0	0
11/4/2023 13:20	64101 REFR_T1	1	1	0	0.2	0.2	0	-0.2	-0.18	0	0	0	0	0	0
11/4/2023 13:21	56504 ROCK_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/4/2023 13:21	64101 REFR_T1	1	1	0	0.2	0.2	0	-0.39	-0.37	0	0	0	0	0	0
11/4/2023 13:22	65902 SAKR_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/4/2023 13:22	64101 REFR_T1	1	1	0	0.2	0.2	0	-0.2	-0.18	0	0	0	0	0	0
11/4/2023 13:23	67401 WAKE_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/4/2023 13:25	46004 BERW_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/4/2023 13:27	61103 BERK_T5	0	0	0	0	0	0	-0.09	-0.1	0	0	0	0	0	0
11/4/2023 13:28	45501 DERR_T2	1	0	-1	0.2	0	-0.2	0	0	0	0	0	0	0	0
11/4/2023 13:28	52402 GRPA_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/4/2023 13:29	54501 ENOL_T2	0	0	0	0	0	0	-0.56	-0.57	1	1	0	600	600	0
11/4/2023 13:29	17401 FOHI_T1	0	0	0	0	0	0	-1.02	-1.01	0	0	0	0	0	0
11/4/2023 13:30	17401 FOHI_T1	0	0	0	0	0	0	-1.02	-1.01	0	0	0	0	0	0
11/4/2023 13:33	65001 NEFF_T2	0	1	1	0	0.2	0.2	-1.29	-1.29	1	1	0	1200	1200	0
11/4/2023 13:37	67502 WEWI_T2	76	451	375	0.18	0.29	0.11	-1.44	-1.54	1	1	0	900	900	0
11/4/2023 13:37	57401 SPAN_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/4/2023 13:37	64802 MONE_T2	32	6	-26	0.24	0.2	-0.04	-0.01	-0.01	0	0	0	0	0	0
11/4/2023 13:38	57403 SPAN_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/4/2023 13:39	67502 WEWI_T2	76	451	375	0.18	0.29	0.11	-1.44	-1.54	1	1	0	900	900	0
11/4/2023 13:39	67401 WAKE_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/4/2023 13:39	42503 ALTA_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/4/2023 13:39	57403 SPAN_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/4/2023 13:39	61101 BERK_T5	1	3	2	0.2	0.33	0.13	0	0	0	0	0	0	0	0
11/4/2023 13:40	67502 WEWI_T2	76	451	375	0.18	0.29	0.11	0	0	0	0	0	0	0	0
11/4/2023 13:40	56802 BENV_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/4/2023 13:40	46004 BERW_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/4/2023 13:41	67502 WEWI_T2	76	451	375	0.18	0.29	0.11	-1.54	-1.5	1	1	0	900	900	0
11/4/2023 13:41	44301 BEAV_T2	12	12	0	0.63	0.68	0.05	0	0	0	0	0	0	0	0
11/4/2023 13:42	56802 BENV_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/4/2023 13:42	22901 HARW_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/4/2023 13:42	21606 EYNO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/4/2023 13:43	56802 BENV_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/4/2023 13:43	61303 EARL_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/4/2023 13:47	55002 NEWP_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/4/2023 13:48	51201 MTON_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/4/2023 13:49	64101 REFR_T1	1	3	2	0.2	0.43	0.23	-0.21	-0.15	0	0	0	0	0	0
11/4/2023 13:52	64101 REFR_T1	1	3	2	0.2	0.43	0.23	-0.41	-0.31	0	0	0	0	0	0
11/4/2023 13:52	64802 MONE_T2	6	1	-5	0.2	0.1	-0.1	-0.01	-0.01	0	0	0	0	0	0
11/4/2023 13:52	44201 POIN_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/4/2023 13:52	55002 NEWP_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/4/2023 13:53	64101 REFR_T1	1	3	2	0.2	0.43	0.23	-0.41	-0.31	0	0	0	0	0	0
11/4/2023 13:53	13901 SEID_T1	0	1	1	0	0	0.19	0.17	0	0	0	0	0	0	0
11/4/2023 13:55	45501 DERR_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/4/2023 13:56	67502 WEWI_T2	249	451	202	0.26	0.29	0.03	-1.5	-0.48	1	1	0	900	900	0
11/4/2023 13:56	54501 ENOL_T2	0	2	2	0	0.15	0.15	0	0	0	0	0	0	0	0
11/4/2023 13:56	42001 MNVL_T2	0	0	0	0	0	0	-0.01	0.02	0	0	0	0	0	0
11/4/2023 13:56	56802 BENV_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/4/2023 13:57	54502 ENOL_T2	1	1	0	0.2	0.3	0.1	-2.06	-1.36	1	1	0	600	600	0
11/4/2023 13:57	53903 HALI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/4/2023 13:58	15001 BLMO_T1	0	1	1	0	0.2	0.2	0	0	0	0	0	0	0	0
11/4/2023 13:59	54501 ENOL_T2	0	2	2	0	0.15	0.15	0	0	0	0	0	0	0	0
11/4/2023 14:00	17402 FOHI_T1	0	1	1	0	0.1	0.1	0	0	0	0	0	0	0	0
11/4/2023 14:02	23301 JEFF_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/4/2023 14:03	64101 REFR_T1	0	3	3	0	0.57	0.57	-0.15	-0.2	0	0	0	0	0	0
11/4/2023 14:04	54001 SDLE_T1	4	4	0	0.75	1.08	0.33	0	0	0	0	0	0	0	0
11/4/2023 14:05	54001 SDLE_T1	4	4	0	0.75	1.08	0.33	0	0	0	0	0	0	0	0
11/4/2023 14:05	57404 SPAN_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/4/2023 14:06	59102 WALK_T2	1	2	1	0.1	0.15	0.05	0	0	0	0	0	0	0	0
11/4/2023 14:07	54001 SDLE_T1	4	4	0	0.75	1.08	0.33	0	0	0	0	0	0	0	0
11/4/2023 14:07	59101 WALK_T2	4	4	0	0	0	0	0.96	0.96	1	1	0	450	450	0
11/4/2023 14:08	59101 WALK_T2	4	4	0	0	0	0	1.92	1.92	2	2	0	900	900	0
11/4/2023 14:08	44302 BEAV_T2	414	460	46	0.65	0.73	0.08	0.22	0.22	0	0	0	0	0	0
11/4/2023 14:08	15103 UPHA_T2	0	14	14	0	0.28	0.28	0.35	0.35	0	0	0	0	0	0
11/4/2023 14:08	46004 BERW_T2	0	0	0	0	0	0	-0.81	-0.79	0	0	0	0	0	0
11/4/2023 14:08	49803 UNIV_T1	0	0	0	0	0	0	-1.18	-1.16	0	0	0	0	0	0
11/4/2023 14:08	43001 ALWD_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/4/2023 14:09	59102 WALK_T2	1	2	1	0.1	0.15	0.05	0	0	0	0	0	0	0	0
11/4/2023 14:09	46001 BERW_T1	0	0	0	0	0	0	0.55	0.58	0	0	0	0	0	0
11/4/2023 14:09	44301 BEAV_T2	12	16	4	0.66	0.7	0.04	-0.48	-0.42	0	0	0	0	0	0
11/4/2023 14:09	66703 STRA_T1	5	7	2	0.16	0.19	0.03	-0.14	-0.11	0	0	0	0	0	0
11/4/2023 14:09	64802 MONE_T2	1	0	-1	0.1	0	-0.1	-0.01	-0.01	0	0	0	0	0	0
11/4/2023 14:09	59202 THOM_T1	0	1	1	0	0	0	0	0	0	0	0	0	0	0
11/4/2023 14:10	67502 WEWI_T2	446	262	-184	0.29	0.26	-0.03	-1.5	-0.48	1	0	-1	900	0	-900
11/4/2023 14:10	49803 UNIV_T1	0	0	0	0	0	0	-1.18	-1.16	0	0	0	0	0	0
11/4/2023 14:11	54501 ENOL_T2	0	2	2	0	0.15	0.15	-0.56	-0.57	1	1	0	600	600	0
11/4/2023 14:11	43301 WATS_T2	0	1	1	0	0.1	0.1	0	0	0	0	0	0	0	0
11/4/2023 14:12	44301 BEAV_T2	12	16	4	0.66	0.7	0.04	0	0	0	0	0	0	0	0
11/4/2023 14:12	67502 WEWI_T2	446	262	-184	0.29	0.26	-0.03	-0.48	-0.46	1	0	-1	900	0	-900
11/4/2023 14:12	46001 BERW_T1	0	0	0	0	0	0	0.58	0.56	0	0	0	0	0	0
11/4/2023 14:13	54501 ENOL_T2	0	2	2	0	0.15	0.15	-0.56	-0.57	1	1	0	600	600	0
11/4/2023 14:14	61304 EARL_T1	2	0	-2	0.2	0	-0.2	0	0	0	0	0	0	0	0
11/4/2023 14:14	46602 LACR_T1	0	0	0	0	0	0	-0.54	-0.58	0	0	0	0	0	0
11/4/2023 14:14	45003 LIME_2	1	1	0	4.2	4.8	0.6	0	0	1	1	0	1200	1200	0
11/4/2023 14:15	61302 EARL_T1	1	1	0	0.5	1.3	0.8	0	0	0	0	0	0	0	0
11/4/2023 14:15	54502 ENOL_T2	1	0	-1	0.2	0	-0.2	-1.36	-1.39	1	0	-1	600	0	-600
11/4/2023 14:15	45001 LIME_2	2	1	-1	0.1	0.1	0	0	0	0	0	0	0	0	0
11/4/2023 14:17	45702 LIND_T2	1	1	0	0.6	0.7	0.1	-0.43	-0.47	0	0	0	0	0	0
11/4/2023 14:17	45003 LIME_2	1	1	0	4.8	4.8	0	0	0	1	1	0	1200	1200	0
11/4/2023 14:17	43202 MVIL_T2	0	0	0	0	0	0	-0.72	-0.71	0	0	0	0	0	0
11/4/2023 14:18	40101 HUNT_T2	2	1	-1	0.1	0.4	0.3	-1.52	-1.58	0	0	0	0	0	0
11/4/2023 14:18	43201 MVIL_T2	0	0	0	0	0	0	-1.33	-1.34	0	0	0	0	0	0
11/4/2023 14:18	64101 REFR_T1	3	4	1	0.43	0.43	0	-0.2	-0.14	0	0	0	0	0	0
11/4/2023 14:19	56501 ROCK_T2	9	123	114	0.46	0.2	-0.26	-1.72	-1.69	0	0	0	0	0	0
11/4/2023 14:19	43202 MVIL_T2	0	0	0	0	0	0	-0.72	-0.71	0	0	0	0	0	0
11/4/2023 14:19	13901 SEID_T1	0	1	1	0	0.5	0.5	0	0	0	0	0	0	0	0
11/4/2023 14:19	64101 REFR_T1	3	4	1	0.43	0.43	0	-0.59	-0.43	0	0	0	0	0	0
11/4/2023 14:20	59202 THOM_T1	0	1	1	0	1.8	1.8	0	0	0	0	0	0	0	0
11/4/2023 14:20	17401 FOHI_T1	2	9	7	0.15	0.24	0.09	-0.99	-1	0	0	0	0	0	0
11/4/2023 14:20	44202 POIN_T2	0	0	0	0	0	0	-0.97	-1.01	1	1	0	1200	1200	0
11/4/2023 14:21	67203 TEHI_T1	0	0	0	0	0	0	1.19	0.95	0	0	0	0	0	0
11/4/2023 14:21	44202 POIN_T2	0	0	0	0	0	0	-0.97	-1.01	1	1	0	1200	1200	0
11/4/2023 14:21	14404 SSLA_T1	0	1	1	0	0.2	0.2	0	0	0	0	0	0	0	0
11/4/2023 14:22	44302 BEAV_T2	449	465	16	0.72	0.69	-0.03	0.22	0.22	0	0	0	0	0	0
11/4/2023 14:22	29402 BELT_T1	1	1	0	8.3	7.6	-0.7	0	0	0	0	0	0	0	0
11/4/2023 14:22	14401 SSLA_T1	1	1	0	0.2	0.7	0.5	0	0	0	0	0	0	0	0
11/4/2023 14:22	46004 BERW_T2	0	0	0	0	0	0	-0.79	-0.77	0	0	0	0	0	0
11/4/2023 14:23	44302 BEAV_T2	449	465	16	0.72	0.69	-0.03	0.22	0.22	0	0	0	0	0	0
11/4/2023 14:23	67502 WEWI_T2	262	21	-241	0.26	0.21	-0.05	-0.48	-0.46	0	0	0	0	0	0
11/4/2023 14:23	64101 REFR_T1	3	4	1	0.43	0.43	0	-0.2	-0.14	0	0	0	0	0	0
11/4/2023 14:23	15104 UPHA_T2	0	1	1	0	0.2	0.2	0	0	0	0	0	0	0	0
11/4/2023 14:23	29402 BELT_T1	1	1	0	8.3	7.6	-0.7	0	0	0	0	0	0	0	0
11/4/2023 14:24	67502 WEWI_T2	262	21	-241	0.26	0.21	-0.05	-0.48	-0.46	0	0	0	0	0	0
11/4/2023 14:24	29401 BELT_T1	0	0	0	0	0	0	0	0	1	1	0	900	900	0
11/4/2023 14:24	65902 SAKR_T2	0	0	0	0	0	0	0	0	0	1	1	0	300	300
11/4/2023 14:24	67605 WARW_T1	9	17	8	0.19	0.3	0.11	-1.3	-1.36	0	0	0	0	0	0
11/4/2023 14:24	59102 WALK_T2	2	0	-2	0.15	0	-0.15	0	0	0	0	0	0	0	0
11/4/2023 14:24	45501 DERR_T2	0	0	0	0	0	0	-0.48	-0.5	2	2	0	1800	1800	0
11/4/2023 14:24	56501 ROCK_T2	9	123	114	0.46	0.2	-0.26	-1.72	-1.69	0	0	0	0	0	0
11/4/2023 14:24	64802 MONE_T2	0	0	0	0	0	0	-0.01	-0.01	0	0	0	0	0	0
11/4/2023 14:24	43001 ALWD_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/4/2023 14:25	59101 WALK_T2	4	4	0	0	0	0	0.96	0.67	1	1	0	450	450	0
11/4/2023 14:25	67401 WAKE_T2	97	116	19	0.26	0.26	0	-0.88	-0.85	0	0	0	0	0	0
11/4/2023 14:25	49803 UNIV_T1	0	0	0	0	0	0	-1.16	-1.22	0	0	0	0	0	0
11/4/2023 14:25	64802 MONE_T2	0	0	0	0	0	0	-0.01	-0.01	0	0	0	0	0	0
11/4/2023 14:26	29401 BELT_T1	0	0	0	0	0	0	0	0	1	1	0	900	900	0
11/4/2023 14:26	64101 REFR_T1	3	4	1	0.43	0.43	0	-0.14	-0.12	0	0	0	0	0	0
11/4/2023 14:27	45501 DERR_T2	0	0	0	0	0	0	-0.5	-0.5	2	2	0	1800	1800	0
11/4/2023 14:28	52401 GRPA_T2	1	0	-1	0.3	0	-0.3	0	0	0	0	0	0	0	0
11/4/2023 14:28	46004 BERW_T2	0	0	0	0	0	0	-0.77	-0.77	0	0	0	0	0	0
11/4/2023 14:28	17401 FOHI_T1	2	9	7	0.15	0.24	0.09	-1

Appendix C - Grid Benefits Achieved in Each Instance of Active Management

11/4/2023 14:38	15001 BLMO_T1	1	1	0	0.3	0.2	-0.1	0	0	0	0	0	0	0
11/4/2023 14:39	43001 ALWD_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
11/4/2023 14:39	56802 BENV_T2	6	5	-1	0.3	0.32	0.02	-1.48	-1.45	0	0	0	0	0
11/4/2023 14:39	57403 SPAN_T1	130	156	26	0.3	0.35	0.05	0	0	0	0	0	0	0
11/4/2023 14:39	67502 WEWI_T2	21	6	-15	0.21	0.33	0.12	-1.38	-1.56	0	0	0	0	0
11/4/2023 14:39	64802 MONE_T2	0	2	2	0	0.25	0.25	-0.01	-0.01	0	0	0	0	0
11/4/2023 14:39	29401 BELT_T1	0	0	0	0	0	0	0	0	1	1	0	900	900
11/4/2023 14:39	15104 UPHA_T2	1	0	-1	0.2	0	-0.2	0	0	0	0	0	0	0
11/4/2023 14:39	59101 WALK_T2	4	4	0	0	0	0	0.67	0.79	1	1	0	450	450
11/4/2023 14:40	42002 MNVL_T2	0	0	0	0	0	0	-0.84	-0.81	0	0	0	0	0
11/4/2023 14:40	64802 MONE_T2	0	2	2	0	0.25	0.25	-0.01	-0.01	0	0	0	0	0
11/4/2023 14:40	45501 DERR_T2	0	0	0	0	0	0	-0.5	-0.5	2	2	0	1800	1800
11/4/2023 14:40	10602 BLGL_T2	0	0	0	0	0	0	0.05	0.08	0	0	0	0	0
11/4/2023 14:40	43001 ALWD_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
11/4/2023 14:40	56802 BENV_T2	6	5	-1	0.3	0.32	0.02	-2.96	-2.9	0	0	0	0	0
11/4/2023 14:40	46001 BERW_T1	0	0	0	0	0	0	0.56	0.56	0	0	0	0	0
11/4/2023 14:40	15001 BLMO_T1	1	1	0	0.3	0.2	-0.1	0	0	0	0	0	0	0
11/4/2023 14:40	56801 BENV_T1	29	28	-1	0.74	0.74	0	-3.36	-3.36	4	4	0	2400	2400
11/4/2023 14:40	67605 WARW_T1	3	17	14	0.1	0.32	0.22	-1.36	-1.33	0	0	0	0	0
11/4/2023 14:41	61302 EARL_T1	0	1	1	0	1.3	1.3	0	0	0	0	0	0	0
11/4/2023 14:41	56801 BENV_T1	29	28	-1	0.74	0.74	0	-1.68	-1.66	2	2	0	1200	1200
11/4/2023 14:41	44302 BEAV_T2	431	462	31	0.66	0.71	0.05	0	0	0	0	0	0	0
11/4/2023 14:41	56802 BENV_T2	6	5	-1	0.3	0.32	0.02	-1.45	-1.47	0	0	0	0	0
11/4/2023 14:42	56802 BENV_T2	6	5	-1	0.3	0.32	0.02	-7.25	-7.35	0	0	0	0	0
11/4/2023 14:42	44301 BEAV_T2	13	14	1	0.72	0.71	-0.01	0	0	0	0	0	0	0
11/4/2023 14:42	56801 BENV_T1	29	28	-1	0.74	0.74	0	-0.84	-0.83	1	1	0	600	600
11/4/2023 14:43	56802 BENV_T2	6	5	-1	0.3	0.32	0.02	-1.45	-1.47	0	0	0	0	0
11/4/2023 14:43	45001 LIME_2	0	10	10	0	0.14	0.14	0	0	0	0	0	0	0
11/4/2023 14:43	52402 GRPA_T2	4	4	0	1.15	1.05	-0.1	0	0	0	0	0	0	0
11/4/2023 14:43	56801 BENV_T1	29	28	-1	0.74	0.74	0	-0.84	-0.83	1	1	0	600	600
11/4/2023 14:43	61303 EARL_T1	0	0	0	0	0	0	0.01	0.02	0	0	0	0	0
11/4/2023 14:43	45501 DERR_T2	0	0	0	0	0	0	-0.5	-0.5	2	2	0	1800	1800
11/4/2023 14:43	63401 HONY_T1	0	1	1	0	0.1	0.1	0.43	0.43	0	0	0	0	0
11/4/2023 14:44	17401 FOHI_T1	9	5	-4	0.24	0.2	-0.04	-0.99	-0.99	0	0	0	0	0
11/4/2023 14:44	42001 MNVL_T2	0	0	0	0	0	0	0.01	0	0	0	0	0	0
11/4/2023 14:44	55002 NEWP_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
11/4/2023 14:44	40101 HUNT_T2	0	1	1	0	0.4	0.4	-1.6	-1.54	0	0	0	0	0
11/4/2023 14:45	46602 LACR_T1	0	0	0	0	0	0	-0.67	-0.66	0	0	0	0	0
11/4/2023 14:45	42902 MIDD_T2	192	194	2	0.6	0.56	-0.04	-0.65	-0.65	0	0	0	0	0
11/4/2023 14:46	17402 FOHI_T1	0	2	2	0	0.1	0.1	0	0	0	0	0	0	0
11/4/2023 14:46	45003 LIME_2	1	1	0	4.7	4.4	-0.3	0	0	1	1	0	1200	1200
11/4/2023 14:46	64902 MILL_T2	0	0	0	0	0	0	-0.74	-0.72	1	1	0	900	900
11/4/2023 14:47	55002 NEWP_T1	4	4	0	0.48	0.43	-0.05	-0.25	-0.26	0	0	0	0	0
11/4/2023 14:47	64202 KINZ_T1	75	0	-75	0.31	0	-0.31	0	0	0	0	0	0	0
11/4/2023 14:47	40101 HUNT_T2	1	1	0	0.4	0.2	-0.2	-0.8	-0.77	0	0	0	0	0
11/4/2023 14:48	48302 ORWI_T2	3	2	-1	1.17	1	-0.17	-0.64	-0.06	0	0	0	0	0
11/4/2023 14:49	49803 UNIV_T1	0	0	0	0	0	0	-1.24	-1.18	0	0	0	0	0
11/4/2023 14:49	54001 SDLE_T1	4	4	0	0.63	0.53	-0.1	0	0	0	0	0	0	0
11/4/2023 14:49	43202 MVIL_T2	0	0	0	0	0	0	-0.7	-0.7	0	0	0	0	0
11/4/2023 14:49	64101 REFR_T1	3	2	-1	0.4	0.6	0.2	-0.12	-0.16	0	0	0	0	0
11/4/2023 14:49	55002 NEWP_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
11/4/2023 14:49	43201 MVIL_T2	0	0	0	0	0	0	-1.32	-1.31	0	0	0	0	0
11/4/2023 14:50	64101 REFR_T1	3	2	-1	0.4	0.6	0.2	-0.24	-0.33	0	0	0	0	0
11/4/2023 14:50	63401 HONY_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
11/4/2023 14:50	13606 RICH_T2	0	0	0	0	0	0	0.5	0.52	0	0	0	0	0
11/4/2023 14:50	65002 NEFF_T2	0	1	1	0	0	0	0	0	0	0	0	0	0
11/4/2023 14:50	48302 ORWI_T2	3	2	-1	1.17	1	-0.17	-0.64	-0.06	0	0	0	0	0
11/4/2023 14:50	55002 NEWP_T1	4	4	0	0.48	0.43	-0.05	-0.25	-0.26	0	0	0	0	0
11/4/2023 14:50	43202 MVIL_T2	0	0	0	0	0	0	-0.7	-0.7	0	0	0	0	0
11/4/2023 14:50	13105 NHAM_T2	0	0	0	0	0	0	-0.24	-0.22	1	1	0	1200	1200
11/4/2023 14:51	52402 GRPA_T2	4	4	0	1.03	0.9	-0.13	0	0	0	0	0	0	0
11/4/2023 14:51	44201 POIN_T1	0	0	0	0	0	0	-1.75	-1.73	1	1	0	900	900
11/4/2023 14:51	64101 REFR_T1	3	2	-1	0.4	0.6	0.2	-0.24	-0.33	0	0	0	0	0
11/4/2023 14:51	54001 SDLE_T1	4	4	0	0.63	0.53	-0.1	0	0	0	0	0	0	0
11/4/2023 14:52	54001 SDLE_T1	4	4	0	0.63	0.53	-0.1	0	0	0	0	0	0	0
11/4/2023 14:52	56802 BENV_T2	2	33	31	0.65	0.15	-0.5	-1.45	-1.47	0	0	0	0	0
11/4/2023 14:52	64101 REFR_T1	3	2	-1	0.4	0.6	0.2	-0.12	-0.16	0	0	0	0	0
11/4/2023 14:52	15001 BLMO_T1	1	0	-1	0.2	0	-0.2	0	0	0	0	0	0	0
11/4/2023 14:54	15001 BLMO_T1	1	0	-1	0.2	0	-0.2	0	0	0	0	0	0	0
11/4/2023 14:54	45501 DERR_T2	0	0	0	0	0	0	-0.5	-0.5	2	2	0	1800	1800
11/4/2023 14:54	56801 BENV_T1	27	22	-5	0.76	0.49	-0.27	-2.52	-2.49	3	3	0	1800	1800
11/4/2023 14:55	45501 DERR_T2	0	0	0	0	0	0	-0.5	-0.5	2	2	0	1800	1800
11/4/2023 14:55	56801 BENV_T1	27	22	-5	0.76	0.49	-0.27	-1.68	-1.66	2	2	0	1200	1200
11/4/2023 14:56	15001 BLMO_T1	1	0	-1	0.2	0	-0.2	0	0	0	0	0	0	0
11/4/2023 14:57	56801 BENV_T1	27	22	-5	0.76	0.49	-0.27	-0.83	-0.82	1	1	0	600	600
11/4/2023 14:57	52502 PROG_T2	0	0	0	0	0	0	0.18	0.23	0	0	0	0	0
11/4/2023 14:58	63804 HEMP_T1	7	6	-1	0.97	1.1	0.13	0	0	0	0	0	0	0
11/4/2023 14:59	56801 BENV_T1	27	22	-5	0.76	0.49	-0.27	-0.83	-0.82	1	1	0	600	600
11/4/2023 14:59	53903 HAU_T2	2	2	0	1	0.9	-0.1	-0.14	-0.1	0	0	0	0	0
11/4/2023 15:01	59301 MCAL_T1	13	69	56	0.47	0.5	0.03	0	0	0	0	0	0	0
11/4/2023 15:01	46801 HEPB_T2	2	2	0	0.45	0.45	0	0.58	0.56	0	0	0	0	0
11/4/2023 15:01	58402 MORO_T1	0	4	4	0	0.1	0.1	-1.43	-1.45	2	2	0	1500	1500
11/4/2023 15:02	58402 MORO_T1	0	4	4	0	0.1	0.1	-1.43	-1.45	2	2	0	1500	1500
11/4/2023 15:03	58402 MORO_T1	0	4	4	0	0.1	0.1	-1.43	-1.45	2	2	0	1500	1500
11/4/2023 15:04	66505 SMAN_T2	0	0	0	0	0	0	-0.07	-0.03	2	2	0	1100	1100
11/4/2023 15:04	42201 SHEN_T2	0	0	0	0	0	0	0.37	0.35	0	0	0	0	0
11/4/2023 15:07	13704 SCHN_T2	5	6	1	0.18	0.18	0	-0.83	-0.81	0	0	0	0	0
11/4/2023 15:08	57404 SPAN_T2	0	0	0	0	0	0	-0.1	-0.09	1	1	0	1200	1200
11/4/2023 15:08	56801 BENV_T1	21	26	5	0.47	0.63	0.16	-0.83	-0.82	1	1	0	600	600
11/4/2023 15:09	59101 WALK_T2	4	4	0	0	0	0	0.94	0.68	1	0	-1	450	0
11/4/2023 15:09	56801 BENV_T1	21	26	5	0.47	0.63	0.16	-1.66	-1.64	2	2	0	1200	1200
11/4/2023 15:09	43302 WATS_T2	4	4	0	0.48	0.3	-0.18	0	0	0	0	0	0	0
11/4/2023 15:10	56801 BENV_T1	21	26	5	0.47	0.63	0.16	-0.83	-0.82	1	1	0	600	600
11/4/2023 15:11	46206 DANV_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
11/4/2023 15:11	56801 BENV_T1	21	26	5	0.47	0.63	0.16	-2.46	-2.49	3	3	0	1800	1800
11/4/2023 15:11	45501 DERR_T2	0	0	0	0	0	0	-0.52	-0.52	2	2	0	1800	1800
11/4/2023 15:11	43301 WATS_T2	0	1	1	0	0.2	0.2	-0.66	-0.64	1	1	0	900	900
11/4/2023 15:12	56801 BENV_T1	21	26	5	0.47	0.63	0.16	-0.82	-0.83	1	1	0	600	600
11/4/2023 15:13	65001 NEFF_T2	0	0	0	0	0	0	-1.24	-1.28	1	1	0	1200	1200
11/4/2023 15:16	52402 GRPA_T2	4	4	0	0.9	1.1	0.2	0	0	0	0	0	0	0
11/4/2023 15:20	66505 SMAN_T2	0	0	0	0	0	0	-0.03	0.05	2	2	0	1100	1100
11/4/2023 15:21	42701 AUGU_T1	0	0	0	0	0	0	0	0	2	2	0	1800	1800
11/4/2023 15:22	64101 REFR_T1	2	0	-2	0.45	0	-0.45	-0.16	-0.22	0	0	0	0	0
11/4/2023 15:24	59101 WALK_T2	4	4	0	0	0	0	0.68	1.12	0	0	0	0	0
11/4/2023 15:24	42701 AUGU_T1	0	0	0	0	0	0	0	0	2	2	0	1800	1800
11/4/2023 15:33	44202 POIN_T2	0	0	0	0	0	0	-1.01	-1.03	1	1	0	1200	1200
11/4/2023 15:35	44203 POIN_T2	0	1	1	0	4.5	4.5	0	0	0	0	0	0	0
11/4/2023 15:35	59101 WALK_T2	4	4	0	0	0	0	1.12	1.34	0	0	0	0	0
11/4/2023 15:36	59101 WALK_T2	4	4	0	0	0	0	1.12	1.34	0	0	0	0	0
11/4/2023 15:36	14403 SSLA_T1	0	0	0	0	0	0	0.63	0.6	0	0	0	0	0
11/4/2023 15:39	59101 WALK_T2	4	4	0	0	0	0	1.12	1.34	0	0	0	0	0
11/4/2023 15:39	14403 SSLA_T1	0	0	0	0	0	0	0.63	0.6	0	0	0	0	0
11/4/2023 15:40	59101 WALK_T2	4	4	0	0	0	0	1.12	1.34	0	0	0	0	0
11/4/2023 15:42	59101 WALK_T2	4	4	0	0	0	0	1.34	1.36	0	0	0	0	0
11/4/2023 15:47	53903 HAU_T2	2	2	0	1.1	0.8	-0.3	-0.13	-0.14	0	0	0	0	0
11/4/2023 15:48	64101 REFR_T1	0	1	1	0	0.8	0.8	-0.22	-0.21	0	0	0	0	0
11/4/2023 15:50	55002 NEWP_T1	5	5	0	0.34	0.44	0.1	-0.25	-0.25	0	0	0	0	0
11/4/2023 15:54	14403 SSLA_T1	0	0	0	0	0	0	0.6	0.62	0	0	0	0	0
11/4/2023 16:19	64101 REFR_T1	1	0	-1	0.2	0	-0.2	-0.21	-0.21	0	0	0	0	0
11/4/2023 16:20	14403 SSLA_T1	0	0	0	0	0	0	0.61	0.62	0	0	0	0	0
11/4/2023 16:24	65901 SAKR_T2	1	1	0	9	8.9	-0.1	0	0	0	0	0	0	0
11/4/2023 16:24	59101 WALK_T2	5	5	0	0.6	0	-0.6	1.15	1.5	0	0	0	0	0
11/4/2023 16:24	55002 NEWP_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
11/4/2023 18:16	60803 BUCK_T1	0	0	0	0	0	0	-0.86	-0.85	1	1	0	600	600
11/4/2023 18:34	65001 NEFF_T2	0	0	0	0	0	0	-1.35	-1.3	1	1	0	1200	1200
11/4/2023 18:40	46203 DANV_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
11/4/2023 18:45	54502 ENOL_T2	0	0	0	0	0	0	-2	-2.04	1	1	0	600	600
11/4/2023 18:47	26401 INOR_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
11/4/2023 18:49	42503 ALTA_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
11/4/2023 18:50	46004 BERW_T2	0	3	3	0	1.05	1.05	0	0	0	0	0	0	0
11/4/2023 18:52	46203 DANV_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
11/4/2023 18:52	46206 DANV_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
11/4/2023 18:53	52004 LING_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
11/4/2023 18:54	45501 DERR_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
11/4/2023 18:54	43302 WATS_T2	0	4	4	0	0.4	0.4	0	0	0	0	0	0	0
11/4/2023 18:56	43304 WATS_T2	1	1	0	0.3	0	-0.3	0	0	0	0	0	0	0
11/4/2023 18:56	56802 BENV_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
11/4/2023 18:57	56802 BENV_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
11/4/2023 18:57	40602 PIGR_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
11/4/2023 18:57	56504 ROCK_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
11/4/2023 18:57	21606 EYNO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
11/4/2023 18:58	56802 BENV_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
11/4/2023 18:59	57404 SPAN_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
11/4/2023 18:59	64503 LAVI_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
11/4/2023 18:59	54505 ENOL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
11/4/2023 19:01	52501 PROG_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
11/4/2023 19:01	44201 POIN_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
11/4/2023 19:02	53903 HAU_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
11/4/2023 19:02	55002 NEWP_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
11/4/2023 19:02	22901 HARW_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
11/4/2023 19:02	64101 REFR_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
11/4/2023 19:03	42901 MIDD_T2	172	216	44	0.44	0.43	-0.01	0	0	0	0	0	0	0
11/4/2023 19:03	57403 SPAN_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
11/4/2023 19:03	40602 PIGR_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
11/4/2023 19:04	52402 GRPA_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
11/4/2023 19:04	45402 WBLO_T2	1	1	0	0.8	0.6	-0.2	0	0	0	0	0	0	0
11/4/2023 19:04	54701 NEBL_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
11/4/2023 19:04	57403 SPAN_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
11/4/2023 19:05	60801 BUCK_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
11/4/2023 19:05	43302 WATS_T2	4	4	0	0.3	0.4	0.1	0	0	0	0	0	0	0
11/4/2023 19:05	56802 BENV_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
11/4/2023 19:06	67502 WEWI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
11/4/2023 19:07	60201 ATGL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
11/4/2023 19:07	22901 HARW_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
11/4/2023 19:08	65902 SAKR_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
11/4/2023 19:09	59402 RFLD_T2	0	0	0	0	0	0	-0.32	-0.31	0	0	0	0	0
11/4/2023 19:09	52402 GRPA_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
11/4/2023 19:09	57403 SPAN_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
11/4/2023 19:10	61303 EARL_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
11/4/2023 19:10	57401 SPAN_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
11/4/2023 19:12	63401 HONY_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
11/4/2023 19:13	51201 MTON_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
11/4/2023 19:14	60801 BUCK_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
11/4/2023 19:14	61303 EARL_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
11/4/2023 19:15	67401 WAKE_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
11/4/2023 19:23	23301 JEFF_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
11/4/2023 19:39	41602 CLEV_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
11/4/2023 19:42	56802 BENV_T2	1	1	0	0.5	0.7	0.2	-1.45	-1.48	0	0	0	0	0
11/4/2023 19:45	44201 POIN_T1	0	1	1	0	0	0	-1.81	-1.73	1	1	0	900	900
11/4/2023 19:45	46001 BERW_T1	0	0	0	0	0	0	0.57	0.64	0	0	0	0	0
11/4/2023 19:46	26401 INOR_T1	0	0	0	0	0	0	0.21	0.18	0	0	0	0	0
11/4/2023 19:46	28403 HART_T2	0	0	0	0	0	0	-0.95	-0.96	1	1	0	900	900
11/4/2023 19:48	42001 MNVL_T2	0	0	0	0	0	0	0	0.01	0	0	0	0	0
11/4/2023 19:48	29402 BELT_T1	1	1	0	8.2	8.7	0.5	0	0	0	0	0	0	0
11/4/2023 19:49	49803 UNIV_T1	0	0	0	0	0	0	-1.17	-1.19	0	0	0	0	0
11/4/2023 19:49	45501 DERR_T2	0	0	0	0	0	0	-0.37	-0.39	2	2	0	1800	1800
11/4/2023 19:49	13606 RICH_T2	0	0	0	0	0	0	0.5	0.59	0	0	0	0	0
11/4/2023 19:49	41801 GOCI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
11/4/2023 19:50	13901 SEID_T1	0	0	0	0	0	0	0.18	0.17	0	0	0	0	0
11/4/2023 19:50	46701 REN

Appendix C - Grid Benefits Achieved in Each Instance of Active Management

11/4/2023 19:55	13704 SCHN_T2	0	0	0	0	0	0	-0.4	-0.4	0	0	0	0	0	0
11/4/2023 19:55	44601 SALE_T2	1	1	0	0.6	0.7	0.1	-0.16	-0.18	0	0	0	0	0	0
11/4/2023 19:55	43301 WATS_T2	0	0	0	0	0	0	-1.3	-1.31	2	2	0	1800	1800	0
11/4/2023 19:56	56801 BENV_T2	0	1	1	0	0.1	0.1	-1.64	-1.64	2	2	0	1200	1200	0
11/4/2023 19:56	44301 BEAV_T2	9	12	3	0.51	0.55	0.04	-0.48	-0.45	0	0	0	0	0	0
11/4/2023 19:56	56802 BENV_T2	1	1	0	0.5	0.7	0.2	-1.48	-1.46	0	0	0	0	0	0
11/4/2023 19:56	43304 WATS_T2	0	0	0	0	0	0	-1.7	-1.67	0	0	0	0	0	0
11/4/2023 19:56	48302 ORWI_T2	2	2	0	0.65	0.95	0.3	-0.02	-0.05	0	0	0	0	0	0
11/4/2023 19:56	40902 JESH_T1	0	0	0	0	0	0	-0.72	-0.66	0	0	0	0	0	0
11/4/2023 19:56	46801 HEPB_T2	0	1	1	0	0.1	0.1	0.55	0.55	0	0	0	0	0	0
11/4/2023 19:56	16302 ALPA_T2	0	0	0	0	0	0	0.47	0.49	0	0	0	0	0	0
11/4/2023 19:57	64204 KINZ_T1	2	19	17	0.8	0.23	-0.57	0	0	0	0	0	0	0	0
11/4/2023 19:57	46203 DANV_T2	0	0	0	0	0	0	-2.78	-2.74	0	0	0	0	0	0
11/4/2023 19:57	54505 ENOL_T2	1	1	0	0.6	0.7	0.1	0	0	0	0	0	0	0	0
11/4/2023 19:57	14403 SSLA_T1	0	0	0	0	0	0	0.69	0.68	0	0	0	0	0	0
11/4/2023 19:57	43302 WATS_T2	4	4	0	0.4	0.48	0.08	0	0	0	0	0	0	0	0
11/4/2023 19:57	42002 MNVL_T2	0	0	0	0	0	0	-0.81	-0.82	0	0	0	0	0	0
11/4/2023 19:57	56802 BENV_T2	1	1	0	0.5	0.7	0.2	-2.96	-2.92	0	0	0	0	0	0
11/4/2023 19:57	54001 SDLE_T1	1	1	0	0.8	0.8	0	0	0	0	0	0	0	0	0
11/4/2023 19:58	54505 ENOL_T2	1	1	0	0.6	0.7	0.1	0	0	0	0	0	0	0	0
11/4/2023 19:58	45003 LIME_2	1	1	0	3.7	4.2	0.5	0	0	1	1	0	1200	1200	0
11/4/2023 19:58	56801 BENV_T1	0	1	1	0	0.1	0.1	-3.28	-3.28	4	4	0	2400	2400	0
11/4/2023 19:58	42201 SHEN_T2	0	0	0	0	0	0	0.35	0.34	0	0	0	0	0	0
11/4/2023 19:58	57403 SPAN_T1	19	24	5	0.2	0.27	0.07	0	0	0	0	0	0	0	0
11/4/2023 19:58	43302 WATS_T2	4	4	0	0.4	0.48	0.08	0	0	0	0	0	0	0	0
11/4/2023 19:58	42902 MIDD_T2	140	158	18	0.59	0.6	0.01	-0.65	-0.65	0	0	0	0	0	0
11/4/2023 19:58	54501 ENOL_T2	0	0	0	0	0	0	-0.58	-0.57	1	1	0	600	600	0
11/4/2023 19:58	46801 HEPB_T2	0	1	1	0	0.1	0.1	0.55	0.55	0	0	0	0	0	0
11/4/2023 19:58	55002 NEWP_T1	4	5	1	0.23	0.5	0.27	-0.28	-0.28	0	0	0	0	0	0
11/4/2023 19:58	10801 CHHI_T1	0	0	0	0	0	0	-0.94	-0.93	1	1	0	900	900	0
11/4/2023 19:58	59101 WALK_T2	1	1	0	0	0	0	0.87	0.86	1	1	0	450	450	0
11/4/2023 19:58	61303 EARL_T1	0	0	0	0	0	0	-0.07	-0.07	0	0	0	0	0	0
11/4/2023 19:58	45702 LIND_T2	0	1	1	0	0.4	0.4	-0.54	-0.52	0	0	0	0	0	0
11/4/2023 19:58	15001 BLMO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/4/2023 19:59	64204 KINZ_T1	2	19	17	0.8	0.23	-0.57	0	0	0	0	0	0	0	0
11/4/2023 19:59	43201 MVIL_T2	0	0	0	0	0	0	-1.29	-1.31	0	0	0	0	0	0
11/4/2023 19:59	44301 BEAV_T2	9	12	3	0.51	0.55	0.04	0	0	0	0	0	0	0	0
11/4/2023 19:59	28601 BLYT_T2	1	0	-1	0.2	0	-0.2	0	0	0	0	0	0	0	0
11/4/2023 19:59	43202 MVIL_T2	0	0	0	0	0	0	-0.72	-0.71	0	0	0	0	0	0
11/4/2023 19:59	59101 WALK_T2	1	1	0	0	0	0	0.87	0.86	1	1	0	450	450	0
11/4/2023 19:59	56801 BENV_T1	0	1	1	0	0.1	0.1	-0.82	-0.82	1	1	0	600	600	0
11/4/2023 19:59	57403 SPAN_T1	19	24	5	0.2	0.27	0.07	0	0	0	0	0	0	0	0
11/4/2023 19:59	40101 HUNT_T2	2	2	0	0.2	0.55	0.35	-0.77	-0.78	0	0	0	0	0	0
11/4/2023 19:59	52502 PROG_T2	0	0	0	0	0	0	-0.72	-0.75	1	1	0	900	900	0
11/4/2023 20:00	46602 LACR_T1	0	1	1	0	0.1	0.1	-0.63	-0.64	0	0	0	0	0	0
11/4/2023 20:00	45001 LIME_2	2	20	18	0.35	0.18	-0.17	0	0	0	0	0	0	0	0
11/4/2023 20:00	52502 PROG_T2	0	0	0	0	0	0	-0.72	-0.75	1	1	0	900	900	0
11/4/2023 20:00	56801 BENV_T1	0	11	11	0	0.18	0.18	-0.82	-0.82	1	1	0	600	600	0
11/4/2023 20:00	29402 BELT_T1	1	1	0	8.5	8.7	0.2	0	0	0	0	0	0	0	0
11/4/2023 20:00	42701 AUGU_T1	0	0	0	0	0	0	0	0	2	2	0	1800	1800	0
11/4/2023 20:00	57403 SPAN_T1	7	28	21	0.16	0.3	0.14	-0.03	0.01	0	0	0	0	0	0
11/4/2023 20:00	43202 MVIL_T2	0	0	0	0	0	0	-0.72	-0.71	0	0	0	0	0	0
11/4/2023 20:00	15001 BLMO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/4/2023 20:00	56501 ROCK_T2	8	10	2	0.26	0.5	0.24	-1.72	-1.73	0	0	0	0	0	0
11/4/2023 20:00	57403 SPAN_T1	7	28	21	0.16	0.3	0.14	-0.03	0.01	0	0	0	0	0	0
11/4/2023 20:01	57403 SPAN_T1	2	2	0	0.35	0.5	0.15	-1.84	-2.02	2	2	0	1200	1200	0
11/4/2023 20:01	66504 SMAN_T2	0	0	0	0	0	0	-0.54	-0.54	0	0	0	0	0	0
11/4/2023 20:01	52403 GRPA_T2	1	3	2	0.1	0.8	0.7	0	0	0	0	0	0	0	0
11/4/2023 20:01	60502 NMAN_T2	0	0	0	0	0	0	-0.59	-0.58	0	0	0	0	0	0
11/4/2023 20:01	64101 REFR_T1	0	0	0	0	0	0	-0.2	-0.2	0	0	0	0	0	0
11/4/2023 20:01	13704 SCHN_T2	0	0	0	0	0	0	-0.4	-0.41	0	0	0	0	0	0
11/4/2023 20:01	54503 ENOL_T2	0	0	0	0	0	0	-1.11	-1.11	1	1	0	600	600	0
11/4/2023 20:01	43402 BENT_T1	0	0	0	0	0	0	-1.59	-1.59	2	2	0	1500	1500	0
11/4/2023 20:01	45003 LIME_2	1	1	0	3.7	4.2	0.5	0	0	1	1	0	1200	1200	0
11/4/2023 20:01	20403 ASHF_T2	0	0	0	0	0	0	0.19	0.23	0	0	0	0	0	0
11/4/2023 20:01	56801 BENV_T1	0	11	11	0	0.18	0.18	-0.82	-0.82	1	1	0	600	600	0
11/4/2023 20:01	44202 POIN_T2	0	0	0	0	0	0	-1.02	-1.03	1	1	0	1200	1200	0
11/4/2023 20:01	43302 WATS_T2	4	4	0	0.4	0.48	0.08	0	0	0	0	0	0	0	0
11/4/2023 20:01	59101 WALK_T2	1	1	0	0	0	0	0.87	0.86	1	1	0	450	450	0
11/4/2023 20:01	59202 THOM_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/4/2023 20:01	56802 BENV_T2	1	1	0	0.7	0.8	0.1	-1.48	-1.46	0	0	0	0	0	0
11/4/2023 20:01	16302 ALPA_T2	0	0	0	0	0	0	0.47	0.49	0	0	0	0	0	0
11/4/2023 20:02	49803 UNIV_T1	0	0	0	0	0	0	-1.19	-1.21	0	0	0	0	0	0
11/4/2023 20:02	60501 NMAN_T2	3	3	0	3.8	4.1	0.3	0	0	0	0	0	0	0	0
11/4/2023 20:02	55002 NEWP_T1	4	4	0	0.3	0.5	0.2	-0.28	-0.28	0	0	0	0	0	0
11/4/2023 20:02	57403 SPAN_T1	7	28	21	0.16	0.3	0.14	-0.03	0.01	0	0	0	0	0	0
11/4/2023 20:02	65602 QVIL_T2	0	12	12	0	0.23	0.23	0	0	0	0	0	0	0	0
11/4/2023 20:02	54501 ENOL_T2	0	0	0	0	0	0	-0.58	-0.57	1	1	0	600	600	0
11/4/2023 20:02	54502 ENOL_T2	0	1	1	0	0.1	0.1	-2.03	-2	1	1	0	600	600	0
11/4/2023 20:02	57404 SPAN_T2	0	0	0	0	0	0	-0.1	-0.18	1	1	0	1200	1200	0
11/4/2023 20:02	15001 BLMO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/4/2023 20:02	66505 SMAN_T2	0	3	3	0	0.57	0.57	-0.38	-0.51	2	2	0	1100	1100	0
11/4/2023 20:02	40101 HUNT_T2	2	2	0	0.55	0.75	0.2	-0.77	-0.78	0	0	0	0	0	0
11/4/2023 20:02	57403 SPAN_T1	7	28	21	0.16	0.3	0.14	-0.03	0.01	0	0	0	0	0	0
11/4/2023 20:02	10805 CHHI_T2	7	1	-6	1.74	7.8	6.06	-0.7	-0.7	0	0	0	0	0	0
11/4/2023 20:02	64902 MILL_T2	0	0	0	0	0	0	-0.83	-0.77	1	1	0	900	900	0
11/4/2023 20:02	61103 BEAL_T5	0	0	0	0	0	0	-0.1	-0.13	0	0	0	0	0	0
11/4/2023 20:02	14403 SSLA_T1	0	0	0	0	0	0	0.69	0.68	0	0	0	0	0	0
11/4/2023 20:02	28403 HART_T2	0	0	0	0	0	0	-0.96	-0.96	1	1	0	900	900	0
11/4/2023 20:02	56802 BENV_T2	1	1	0	0.7	0.8	0.1	-2.96	-2.92	0	0	0	0	0	0
11/4/2023 20:03	56801 BENV_T1	0	11	11	0	0.18	0.18	-0.82	-0.82	1	1	0	600	600	0
11/4/2023 20:03	65602 QVIL_T2	0	12	12	0	0.23	0.23	0	0	0	0	0	0	0	0
11/4/2023 20:03	60801 BUCK_T1	0	0	0	0	0	0	-0.19	-0.18	0	0	0	0	0	0
11/4/2023 20:03	56802 BENV_T2	1	1	0	0.7	0.8	0.1	-1.48	-1.46	0	0	0	0	0	0
11/4/2023 20:03	41902 REED_T1	0	3	3	0	0	0	0.83	0.86	0	0	0	0	0	0
11/4/2023 20:03	54505 ENOL_T2	1	1	0	0.7	0.8	0.1	0	0	0	0	0	0	0	0
11/4/2023 20:03	54502 ENOL_T2	0	1	1	0	0.1	0.1	0	0	0	0	0	0	0	0
11/4/2023 20:03	43302 WATS_T2	4	4	0	0.4	0.48	0.08	0	0	0	0	0	0	0	0
11/4/2023 20:03	62604 ENGL_T1	0	0	0	0	0	0	-0.5	-0.49	1	1	0	600	600	0
11/4/2023 20:03	59301 MCAL_T1	4	51	47	0.3	0.27	-0.03	0	0	0	0	0	0	0	0
11/4/2023 20:03	43302 WATS_T2	4	4	0	0.4	0.48	0.08	0	0	0	0	0	0	0	0
11/4/2023 20:03	67502 WEWI_T2	0	2	2	0	0.15	0.15	-1.56	-1.53	1	1	0	900	900	0
11/4/2023 20:03	64503 LAVI_T1	0	0	0	0	0	0	-0.9	-0.89	1	1	0	1200	1200	0
11/4/2023 20:03	60803 BUCK_T1	0	0	0	0	0	0	-0.88	-0.92	1	1	0	600	600	0
11/4/2023 20:03	48302 ORWI_T2	2	2	0	0.8	0.95	0.15	-0.02	-0.05	0	0	0	0	0	0
11/4/2023 20:03	60201 ATGL_T2	0	0	0	0	0	0	0.24	0.23	0	0	0	0	0	0
11/4/2023 20:03	66505 SMAN_T2	0	3	3	0	0.57	0.57	-0.38	-0.51	2	2	0	1100	1100	0
11/4/2023 20:04	41901 REED_T1	2	3	1	0.15	0.3	0.15	0	0	0	0	0	0	0	0
11/4/2023 20:04	54502 ENOL_T2	0	1	1	0	0.1	0.1	-2.03	-2	1	1	0	600	600	0
11/4/2023 20:04	44302 BEAV_T2	325	411	86	0.6	0.7	0.1	0.19	0.24	0	0	0	0	0	0
11/4/2023 20:04	62604 ENGL_T1	0	0	0	0	0	0	-0.5	-0.49	1	1	0	600	600	0
11/4/2023 20:04	52403 GRPA_T2	1	3	2	0.1	0.8	0.7	0	0	0	0	0	0	0	0
11/4/2023 20:04	67502 WEWI_T2	0	2	2	0	0.15	0.15	-1.56	-1.53	1	1	0	900	900	0
11/4/2023 20:04	15001 BLMO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/4/2023 20:04	59101 WALK_T2	1	1	0	0	0	0	0.87	0.86	1	1	0	450	450	0
11/4/2023 20:04	14403 SSLA_T1	0	0	0	0	0	0	0.69	0.68	0	0	0	0	0	0
11/4/2023 20:04	67502 WEWI_T2	0	2	2	0	0.15	0.15	-1.56	-1.53	1	1	0	900	900	0
11/4/2023 20:04	58401 MORO_T1	0	0	0	0	0	0	-1.17	-1.16	1	1	0	600	600	0
11/4/2023 20:04	54001 SDLE_T1	1	1	0	0.8	0.9	0.1	0	0	0	0	0	0	0	0
11/4/2023 20:04	45501 DERR_T2	0	0	0	0	0	0	-0.39	-0.38	2	2	0	1800	1800	0
11/4/2023 20:04	53903 HALI_T2	2	2	0	0.7	0.7	0	-0.15	-0.15	0	0	0	0	0	0
11/4/2023 20:04	17401 FOHI_T1	0	0	0	0	0	0	-1.03	-1.03	0	0	0	0	0	0
11/4/2023 20:04	41801 GOCI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/4/2023 20:04	57401 SPAN_T1	2	2	0	0.35	0.5	0.15	-0.92	-1.01	1	1	0	600	600	0
11/4/2023 20:05	56801 BENV_T1	0	11	11	0	0.18	0.18	-3.28	-3.28	4	4	0	2400	2400	0
11/4/2023 20:05	59101 WALK_T2	1	1	0	0	0	0	0.87	0.86	1	1	0	450	450	0
11/4/2023 20:05	57403 SPAN_T1	7	28	21	0.16	0.3	0.14	0	0	0	0	0	0	0	0
11/4/2023 20:05	12701 MACU_T1	0	0	0	0	0	0	0.05	0.05	0	0	0	0	0	0
11/4/2023 20:05	62604 ENGL_T1	0	0	0	0	0	0	-0.5	-0.49	1	1	0	600	600	0
11/4/2023 20:05	43001 ALWD_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/4/2023 20:05	65001 NEFF_T2	0	1	1	0	0.1	0.1	-1.4	-1.37	1	1	0	1200	1200	0
11/4/2023 20:05	64204 KINZ_T1	2	22	20	0.6	0.22	-0.38	0	0	0	0	0	0	0	0
11/4/2023 20:05	67502 WEWI_T2	0	2	2	0	0.15	0.15	-1.56	-1.53	1	1	0	900	900	0
11/4/2023 20:05	67605 WARW_T1	0	0	0	0	0	0	-1.31	-1.34	0	0	0	0	0	0
11/4/2023 20:05	56802 BENV_T2	1	1	0	0.7	0.8	0.1	-1.48	-1.46	0	0	0	0	0	0
11/4/2023 20:05	13105 NHAM_T2	0	0	0	0	0	0	-0.23	-0.18	1	1	0	1200	1200	0
11/4/2023 20:06	61801 EEU_T2	2	2	0	0.8	1.25	0.45	-1.04	-1.08	1	1	0	600	600	0
11/4/2023 20:06	59101 WALK_T2	1	1	0	0	0	0	0.87	0.86	1	1	0	450	450	0
11/4/2023 20:06	58402 MORO_T1	0	0	0	0	0	0	-1.44	-1.5	2	2	0	1500	1500	0
11/4/2023 20:06	61303 EARL_T1	0	0	0	0	0	0	-0.07	-0.07	0	0	0	0	0	0
11/4/2023 20:06	16302 ALPA_T2	0	0	0	0	0	0	0.47	0.49	0	0	0	0	0	0
11/4/2023 20:06	56501 ROCK_T2	8	10	2	0.26	0.5	0.24	-1.72	-1.73	0	0	0	0	0	0
11/4/2023 20:06	54001 SDLE_T1	1	1	0	0.8	0.9	0.1	0	0	0	0	0	0	0	0
11/4/2023 20:06	64101 REFR_T1	0	0	0	0	0	0	-0.2	-0.2	0	0	0	0	0	0
11/4/2023 20:06	60201 ATGL_T2	0	0	0	0	0	0	0.24	0.23	0	0	0	0	0	0
11/4/2023 20:06	44302 BEAV_T2	325	411	86	0.6	0.7	0.1	0.19	0.24	0	0	0	0	0	0
11/4/2023 20:06	64802 MONE_T2	0	0	0	0	0	0	-0.01	-0.01	0	0	0	0	0	0
11/4/2023 20:07	63404 HONY_T1	5	12	7	3.46	1.49	-1.97	0	0	0	0	0	0	0	0
11/4/2023 20:07	64101 REFR_T1	0	0	0	0	0	0	-0.39	-0.39	0	0	0	0	0	0
11/4/2023 20:07	56801 BENV_T1	0	11	11	0	0.18	0.18	-0.82	-0.82	1	1	0	600	600	0
11/4/2023 20:08	12701 MACU_T1	0	0	0	0	0	0	0.05	0.05	0	0	0	0	0	0
11/4/2023 20:08	58402 MORO_T1	0	0	0	0	0	0	-1.44	-1.5	2	2	0	1500	1500	0
11/4/2023 20:08	61802 HEMP_T1	0	2	2	0	0.1	0.1	-0.51	-0.53	0	0	0	0	0	0
11/4/2023 20:08	57403 SPAN_T1	7	28	21	0.16	0.3	0.14	0	0	0	0	0	0	0	0
11/4/2023 20:08	54701 NEBL_T1	0	0	0	0	0	0	0	0	1	1	0	600	600	0
11/4/2023 20:08	54503 ENOL_T2	0	0	0	0	0	0	-1.11	-1.11	1	1	0	600	600	0
11/4/2023 20:08	56801 BENV_T1	0	11	11	0	0.18	0.18	-0.82	-0.82	1	1	0	600	600	0
11/4/2023 20:09	66504 SMAN_T2	0	0	0	0	0	0	-0.54	-0.54	0	0	0	0	0	0
11/4/2023 20:09	67502 WEWI_T2	0	2	2	0	0.15	0.15	-3.12	-3.06	2	2	0	1800	1800	0
11/4/2023 20:09	62604 ENGL_T1	0	0	0	0	0	0	-1	-0.98	2	2	0	1200	1200	0
11/4/2023 20:09	12701 MACU_T1	0	0	0	0	0	0	0.05	0.05	0	0	0	0	0	0
11/4/2023 20:09	52402 GRPA_T2	4	3	-1	0.78	0.93	0.15	0	0	0	0	0	0	0	0
11/4/2023 20:09	67503 WEWI_T2	0	0	0	0	0	0	-0.54	-0.55	0	0	0	0	0	0
11/4/2023 20:09	58401 MORO_T1	0	0	0	0	0	0	-1.17	-1.16	1	1	0	600	600	0
11/4/2023 20:10	65902 SAKR_T2	0	0	0	0	0	0	0	0	1	1	0	900	300	-600
11/4/2023 20:10	52403 GRPA_T2	1	3	2	0.1	0.8	0.7	-0.02	-0.04	0	0	0	0	0	0
11/4/2023 20:10	64802 MONE_T2	0	0	0	0	0	0	-0.01	-0.01	0	0	0	0	0	0
11/4/2023 20:10	42902 MIDD_T2	131	186	55	0.63	0.63	0	-0.65	-0.65	0	0	0	0	0	0
11/4/2023 20:10	55002 NEWP_T1	4	4	0	0.3	0.5	0.2	-0.28	-0.28	0	0	0	0	0	0
11/4/2023 20:10	56801 BENV_T1	0	11	11	0	0.18	0.18	-0.82	-0.82	1	1	0	600	600	0
11/4/2023 20:10	15103 UPHA_T2	0	0	0	0	0	0	0.35	0.33	0	0	0	0	0	0
11/4/2023 20:10	64101 REFR_T1	0	0	0	0	0	0	-0.39	-0.39	0	0	0	0	0	0
11/4/2023 20:11	60801 BUCK_T1	0	0	0	0	0	0	-0.18	-0.17	0	0	0	0	0	0
11/4/2023 20:11	67401 WAKE_T2	0	0	0	0	0	0	-0.89	-0.87	0	0	0	0	0	0
11/4/2023 20:11	64802 MONE_T2	0	0	0	0	0	0	-0.01	-0.01	0	0	0	0	0	0
11/4/2023 20:11	66703 STRA_T1	0	0	0	0	0	0	-0.29	-0.24	0	0	0	0	0	0
11/4/2023 20:12	58402 MORO_T1	0	0	0	0	0	0	-1.5	-1.51	2	2	0	1500	1500	0
11/4/2023 20:12	67203 TEHI_T1	0	0	0	0	0	0	0.92	0.96	1	1

Appendix C - Grid Benefits Achieved in Each Instance of Active Management

11/5/2023 10:00	20403 ASHF_T2	4	5	1	0.38	0.38	0	0.22	0.36	0	0	0	0	0	0
11/5/2023 10:00	43201 MVIL_T2	0	0	0	0	0	0	-1.32	-1.31	0	0	0	0	0	0
11/5/2023 10:00	61302 EARL_T1	1	1	0	0.8	0.8	0	0	0	0	0	0	0	0	0
11/5/2023 10:00	65601 QVIL_T2	3	6	3	0.17	0.13	-0.04	0	0	0	0	0	0	0	0
11/5/2023 10:00	46702 RENO_T1	0	0	0	0	0	0	-0.12	-0.14	0	0	0	0	0	0
11/5/2023 10:00	42001 MNVL_T2	0	1	1	0	0.1	0.1	0	-0.01	0	0	0	0	0	0
11/5/2023 10:00	44502 HAMI_T2	1	1	0	1.8	1.5	-0.3	-0.9	-0.89	0	0	0	0	0	0
11/5/2023 10:00	56802 BENV_T2	2	7	5	0.45	0.33	-0.12	-4.26	-4.44	0	0	0	0	0	0
11/5/2023 10:00	58401 MORO_T1	1	1	0	0.1	0.2	0.1	0	0	0	0	0	0	0	0
11/5/2023 10:00	29402 BELT_T1	2	3	1	4.35	2.9	-1.45	0	0	0	0	0	0	0	0
11/5/2023 10:00	46801 HEPB_T2	1	2	1	0.2	0.2	0	1.08	1.1	0	0	0	0	0	0
11/5/2023 10:00	55001 NEWP_T1	0	1	1	0	0.1	0.1	0	0	0	0	0	0	0	0
11/5/2023 10:00	41902 REED_T1	0	1	1	0	0.1	0.1	0	0	0	0	0	0	0	0
11/5/2023 10:00	60201 ATGL_T2	2	4	2	0.4	0.28	-0.12	0.15	0.2	0	0	0	0	0	0
11/5/2023 10:00	56601 HAMP_T1	0	0	0	0	0	0	-0.84	-0.72	0	0	0	0	0	0
11/5/2023 10:00	43402 BENT_T1	3	1	-2	0.57	0.4	-0.17	-1.6	-1.59	2	2	0	1500	1500	0
11/5/2023 10:00	12601 MACA_T1	0	1	1	0	0.1	0.1	0	0	0	0	0	0	0	0
11/5/2023 10:00	52502 PROG_T2	0	1	1	0	0.2	0.2	0	0	0	0	0	0	0	0
11/5/2023 10:00	41801 GOCI_T2	0	43	43	0	0.3	0.3	0	0	0	0	0	0	0	0
11/5/2023 10:00	45501 DERR_T2	1	1	0	0.6	0.5	-0.1	-1.06	-0.92	4	4	0	3600	3600	0
11/5/2023 10:00	64801 MONE_T2	0	0	0	0	0	0	-0.01	-0.01	0	0	0	0	0	0
11/5/2023 10:00	56501 ROCK_T2	7	34	27	0.64	0.35	-0.29	0	0	0	0	0	0	0	0
11/5/2023 10:00	53903 HAU_T2	2	3	1	0.75	0.53	-0.22	-0.08	-0.14	0	0	0	0	0	0
11/5/2023 10:00	66703 STRA_T1	11	45	34	0.39	0.26	-0.13	-0.3	-0.32	0	0	0	0	0	0
11/5/2023 10:00	10801 CHHI_T1	1	5	-4	0.2	0.25	0.05	-0.98	-0.99	1	1	0	900	900	0
11/5/2023 10:00	15001 BLMO_T1	1	1	0	0.3	0.4	0.1	0	0	0	0	0	0	0	0
11/5/2023 10:00	43202 MVIL_T2	0	0	0	0	0	0	-1.44	-1.44	0	0	0	0	0	0
11/5/2023 10:00	54701 NEBL_T1	0	0	0	0	0	0	0	0	1	1	0	600	600	0
11/5/2023 10:00	13901 SEID_T1	0	0	0	0	0	0	0.19	0.21	0	0	0	0	0	0
11/5/2023 10:00	14403 SSLA_T1	1	2	1	0.2	0.4	0.2	1.14	1.06	0	0	0	0	0	0
11/5/2023 10:00	59101 WALK_T2	1	1	0	0	0	0	7.01	5.95	0	0	0	0	0	0
11/5/2023 10:01	55001 NEWP_T1	0	1	1	0	0.1	0.1	0	0	0	0	0	0	0	0
11/5/2023 10:04	40602 PIGR_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/5/2023 10:04	55002 NEWP_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/5/2023 10:05	52502 PROG_T2	0	1	1	0	0.2	0.2	-0.75	-0.71	1	1	0	900	900	0
11/5/2023 10:06	57403 SPAN_T1	0	1	1	0	0.1	0.1	0	0	0	0	0	0	0	0
11/5/2023 10:06	43301 WATS_T2	0	1	1	0	0.3	0.3	0	0	0	0	0	0	0	0
11/5/2023 10:06	55002 NEWP_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/5/2023 10:06	40602 PIGR_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/5/2023 10:06	66505 SMAN_T2	0	0	0	0	0	0	-0.04	0.21	2	2	0	1100	1100	0
11/5/2023 10:06	52502 PROG_T2	0	1	1	0	0.2	0.2	-0.75	-0.71	1	1	0	900	900	0
11/5/2023 10:07	56802 BENV_T2	2	7	5	0.45	0.33	-0.12	-1.42	-1.48	0	0	0	0	0	0
11/5/2023 10:07	15001 BLMO_T1	1	1	0	0.3	0.4	0.1	0	0	0	0	0	0	0	0
11/5/2023 10:08	66504 SMAN_T2	0	0	0	0	0	0	-0.57	-0.58	0	0	0	0	0	0
11/5/2023 10:08	57401 SPAN_T1	3	6	3	0.97	0.48	-0.49	-1.2	-1.25	1	1	0	600	600	0
11/5/2023 10:08	56801 BENV_T1	11	14	3	0.67	1	0.33	-1.56	-1.56	2	2	0	1200	1200	0
11/5/2023 10:09	57401 SPAN_T1	3	6	3	0.97	0.48	-0.49	-1.2	-1.25	1	1	0	600	600	0
11/5/2023 10:09	46203 DANV_T2	0	0	0	0	0	0	-1.29	-1.42	0	0	0	0	0	0
11/5/2023 10:09	15001 BLMO_T1	1	1	0	0.3	0.4	0.1	0	0	0	0	0	0	0	0
11/5/2023 10:10	60803 BUCK_T1	7	11	4	0.14	0.23	0.09	0	0	0	0	0	0	0	0
11/5/2023 10:10	46004 BERW_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/5/2023 10:10	56802 BENV_T2	2	7	5	0.45	0.33	-0.12	-2.84	-2.96	0	0	0	0	0	0
11/5/2023 10:10	56801 BENV_T1	11	14	3	0.67	1	0.33	-1.56	-1.56	2	2	0	1200	1200	0
11/5/2023 10:10	46203 DANV_T2	0	0	0	0	0	0	-1.29	-1.42	0	0	0	0	0	0
11/5/2023 10:12	60801 BUCK_T1	3	4	1	0.23	0.28	0.05	-0.17	-0.17	0	0	0	0	0	0
11/5/2023 10:12	56803 BENV_T1	0	2	2	0	1.05	1.05	0	0	0	0	0	0	0	0
11/5/2023 10:12	15001 BLMO_T1	1	1	0	0.3	0.4	0.1	0	0	0	0	0	0	0	0
11/5/2023 10:12	46203 DANV_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/5/2023 10:13	28403 HART_T2	0	0	0	0	0	0	-0.88	-0.92	1	1	0	900	900	0
11/5/2023 10:13	26401 INOR_T1	0	15	15	0	0.16	0.16	0	0	0	0	0	0	0	0
11/5/2023 10:14	45003 LIME_2	1	1	0	3.7	4.7	1	0	0	0	0	0	0	0	0
11/5/2023 10:15	45001 LIME_2	14	19	5	0.16	0.26	0.1	0	0	0	0	0	0	0	0
11/5/2023 10:15	40902 JESH_T1	0	0	0	0	0	0	-0.9	-0.68	0	0	0	0	0	0
11/5/2023 10:15	41801 GOCI_T2	4	55	51	0.23	0.28	0.05	0	0	0	0	0	0	0	0
11/5/2023 10:17	65001 NEFF_T2	0	0	0	0	0	0	-1.21	-1.3	1	1	0	1200	1200	0
11/5/2023 10:17	65602 QVIL_T2	16	14	-2	0.2	0.22	0.02	0	0	0	0	0	0	0	0
11/5/2023 10:17	60701 BREC_T1	2	2	0	0.15	0.3	0.15	-0.6	-0.61	1	1	0	600	600	0
11/5/2023 10:18	45702 LIND_T2	1	0	-1	0.2	0	-0.2	-0.56	-0.56	0	0	0	0	0	0
11/5/2023 10:19	57401 SPAN_T1	3	7	4	0.53	0.46	-0.07	-1.25	-1.27	1	1	0	600	600	0
11/5/2023 10:20	43304 WATS_T2	0	1	1	0	0.1	0.1	-0.84	-0.85	0	0	0	0	0	0
11/5/2023 10:20	65603 QVIL_T2	0	1	1	0	0.1	0.1	0	0	0	0	0	0	0	0
11/5/2023 10:21	57403 SPAN_T1	0	2	2	0	0.1	0.1	0	0	0	0	0	0	0	0
11/5/2023 10:21	66505 SMAN_T2	0	0	0	0	0	0	0.21	0.15	2	2	0	1100	1100	0
11/5/2023 10:22	57403 SPAN_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/5/2023 10:23	67503 WEWI_T2	0	0	0	0	0	0	-0.59	-0.59	0	0	0	0	0	0
11/5/2023 10:24	61801 EEU_T2	3	3	0	0.7	0.6	-0.1	-0.42	-0.36	0	0	0	0	0	0
11/5/2023 10:24	67502 WEWI_T2	14	14	0	0.31	0.32	0.01	-1.51	-1.47	1	1	0	900	900	0
11/5/2023 10:24	67502 WEWI_T2	14	14	0	0.31	0.32	0.01	-1.51	-1.47	1	1	0	900	900	0
11/5/2023 10:24	28602 BLYT_T2	1	1	0	0.3	0.3	0	0	0	0	0	0	0	0	0
11/5/2023 10:24	67401 WAKE_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/5/2023 10:25	42503 ALTA_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/5/2023 10:25	67502 WEWI_T2	14	14	0	0.31	0.32	0.01	-1.51	-1.47	1	1	0	900	900	0
11/5/2023 10:26	28602 BLYT_T2	1	1	0	0.3	0.3	0	0	0	0	0	0	0	0	0
11/5/2023 10:26	67502 WEWI_T2	14	14	0	0.31	0.32	0.01	-1.47	-1.43	1	1	0	900	900	0
11/5/2023 10:32	47001 HUGH_T2	0	0	0	0	0	0	-0.9	-0.91	0	0	0	0	0	0
11/5/2023 10:32	46602 LACR_T1	0	0	0	0	0	0	-0.18	-0.2	0	0	0	0	0	0
11/5/2023 10:33	42903 MIDD_T2	55	55	0	0.31	0.35	0.04	0	0	0	0	0	0	0	0
11/5/2023 10:33	41902 REED_T1	1	0	-1	0.1	0	-0.1	0.86	0.88	0	0	0	0	0	0
11/5/2023 10:34	46903 MNTG_T2	1	1	0	0.4	0.4	0	-0.16	-0.16	1	1	0	600	600	0
11/5/2023 10:36	41902 REED_T1	1	0	-1	0.1	0	-0.1	0.86	0.88	0	0	0	0	0	0
11/5/2023 10:37	41902 REED_T1	1	0	-1	0.1	0	-0.1	0.86	0.88	0	0	0	0	0	0
11/5/2023 10:37	56501 ROCK_T2	14	12	-2	0.61	0.54	-0.07	-1.7	-1.68	0	0	0	0	0	0
11/5/2023 10:38	57401 SPAN_T1	6	6	0	0.48	0.48	0	-1.27	-1.25	1	1	0	600	600	0
11/5/2023 10:38	46002 BERW_T2	1	1	0	0.3	0.5	0.2	0	0	0	0	0	0	0	0
11/5/2023 10:39	43301 WATS_T2	1	1	0	0.3	0.2	-0.1	-0.62	-0.66	1	1	0	900	900	0
11/5/2023 10:40	43301 WATS_T2	1	1	0	0.3	0.2	-0.1	0	0	0	0	0	0	0	0
11/5/2023 10:40	61302 EARL_T1	1	1	0	0.8	1	0.2	0	0	0	0	0	0	0	0
11/5/2023 10:42	56802 BENV_T2	3	3	0	0.5	0.6	0.1	-1.49	-1.47	0	0	0	0	0	0
11/5/2023 10:43	56802 BENV_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/5/2023 10:44	45003 LIME_2	1	1	0	4.7	4.8	0.1	0	0	1	1	0	1200	1200	0
11/5/2023 10:44	64503 LAVI_T1	0	0	0	0	0	0	-0.91	-0.97	1	1	0	1200	1200	0
11/5/2023 10:44	26401 INOR_T1	15	22	7	0.16	0.19	0.03	0.18	0.18	0	0	0	0	0	0
11/5/2023 10:45	64503 LAVI_T1	0	0	0	0	0	0	-1.82	-1.94	2	2	0	2400	2400	0
11/5/2023 10:45	40101 HUNT_T2	1	0	-1	0.2	0	-0.2	-0.8	-0.79	0	0	0	0	0	0
11/5/2023 10:46	42902 MIDD_T2	103	125	22	0.47	0.54	0.07	-0.65	-0.65	0	0	0	0	0	0
11/5/2023 10:46	64503 LAVI_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/5/2023 10:46	40101 HUNT_T2	1	0	-1	0.2	0	-0.2	-0.8	-0.79	0	0	0	0	0	0
11/5/2023 10:47	45001 LIME_2	19	26	7	0.26	0.32	0.06	0	0	0	0	0	0	0	0
11/5/2023 10:48	64204 KINZ_T1	132	130	-2	0.87	0.87	0	0	0	0	0	0	0	0	0
11/5/2023 10:51	13601 RICH_T2	2	0	-2	0.15	0	-0.15	0	0	0	0	0	0	0	0
11/5/2023 10:53	60803 BUCK_T1	9	11	2	0.22	0.25	0.03	-0.96	-0.91	1	1	0	600	600	0
11/5/2023 10:53	60801 BUCK_T1	2	4	2	0.25	0.3	0.05	0	0	0	0	0	0	0	0
11/5/2023 10:54	60201 ATGL_T2	2	2	0	0.5	0.5	0	0.16	0.22	0	0	0	0	0	0
11/5/2023 10:55	60803 BUCK_T1	9	11	2	0.22	0.25	0.03	-0.96	-0.91	1	1	0	600	600	0
11/5/2023 10:55	60801 BUCK_T1	2	4	2	0.25	0.3	0.05	0	0	0	0	0	0	0	0
11/5/2023 10:55	67501 WEWI_T1	3	3	0	0.2	0.17	-0.03	-1.25	-1.26	1	1	0	600	600	0
11/5/2023 10:55	42701 AUGU_T1	0	0	0	0	0	0	0	0	2	2	0	1800	1800	0
11/5/2023 10:55	44302 BEAV_T2	144	161	17	0.42	0.42	0	0.25	0.26	0	0	0	0	0	0
11/5/2023 10:55	29402 BELT_T1	2	3	1	4	3.03	-0.97	0	0	0	0	0	0	0	0
11/5/2023 10:57	10602 BLGL_T2	0	1	1	0	0.1	0.1	0.01	0.01	0	0	0	0	0	0
11/5/2023 10:57	67501 WEWI_T1	3	3	0	0.2	0.17	-0.03	-1.26	-1.26	1	1	0	600	600	0
11/5/2023 10:58	46801 HEPB_T2	0	2	2	0	0.3	0.3	0.54	0.57	0	0	0	0	0	0
11/5/2023 10:58	52401 GRPA_T2	0	1	1	0	0.1	0.1	0	0	0	0	0	0	0	0
11/5/2023 10:58	45501 DERR_T2	1	1	0	0.1	0.2	0.1	-0.49	-0.48	2	2	0	1800	1800	0
11/5/2023 10:59	52401 GRPA_T2	0	1	1	0	0.1	0.1	-0.63	-0.64	0	0	0	0	0	0
11/5/2023 10:59	23301 JEFF_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/5/2023 10:59	28403 HART_T2	0	0	0	0	0	0	-0.9	-0.9	1	1	0	900	900	0
11/5/2023 11:00	52403 GRPA_T2	7	6	-1	0.57	0.4	-0.17	-0.11	-0.08	0	0	0	0	0	0
11/5/2023 11:00	42902 MIDD_T2	117	135	18	0.53	0.5	-0.03	0	0	0	0	0	0	0	0
11/5/2023 11:01	42902 MIDD_T2	117	135	18	0.53	0.5	-0.03	0	0	0	0	0	0	0	0
11/5/2023 11:01	52402 GRPA_T2	5	6	1	0.8	0.95	0.15	0	0	0	0	0	0	0	0
11/5/2023 11:01	58401 MORO_T1	3	1	-2	0.27	0.4	0.13	-3.6	-3.72	3	3	0	1800	1800	0
11/5/2023 11:02	58401 MORO_T1	3	1	-2	0.27	0.4	0.13	-1.2	-1.24	1	1	0	600	600	0
11/5/2023 11:03	58401 MORO_T1	3	1	-2	0.27	0.4	0.13	-2.4	-2.48	2	2	0	1200	1200	0
11/5/2023 11:03	47002 HUGH_T2	0	1	1	0	0	0	0	0	0	0	0	0	0	0
11/5/2023 11:04	44601 SALE_T2	1	1	0	0.5	0.5	0	-0.16	-0.18	0	0	0	0	0	0
11/5/2023 11:04	13105 NHAM_T2	0	0	0	0	0	0	-0.23	-0.22	1	1	0	1200	1200	0
11/5/2023 11:04	57403 SPAN_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/5/2023 11:05	57401 SPAN_T1	5	8	3	0.42	0.48	0.06	0	0	0	0	0	0	0	0
11/5/2023 11:05	58401 MORO_T1	3	1	-2	0.27	0.4	0.13	-2.4	-2.48	2	2	0	1200	1200	0
11/5/2023 11:06	58402 MORO_T1	0	0	0	0	0	0	-1.48	-1.49	2	2	0	1500	1500	0
11/5/2023 11:06	57401 SPAN_T1	5	8	3	0.42	0.48	0.06	0	0	0	0	0	0	0	0
11/5/2023 11:06	58401 MORO_T1	3	1	-2	0.27	0.4	0.13	-1.2	-1.24	1	1	0	600	600	0
11/5/2023 11:07	57403 SPAN_T1	2	1	-1	0.25	0.6	0.35	0	0	0	0	0	0	0	0
11/5/2023 11:07	44601 SALE_T2	1	1	0	0.5	0.5	0	-0.16	-0.18	0	0	0	0	0	0
11/5/2023 11:07	60201 ATGL_T2	2	3	1	0.45	0.37	-0.08	0.22	0.17	0	0	0	0	0	0
11/5/2023 11:08	29402 BELT_T1	3	3	0	2.77	3.07	0.3	0	0	0	0	0	0	0	0
11/5/2023 11:08	10805 CHHI_T2	1	1	0	8.4	8.2	-0.2	-0.69	-0.73	0	0	0	0	0	0
11/5/2023 11:08	17802 GILB_T1	2	4	2	0.75	0.6	-0.15	0.05	0.03	0	0	0	0	0	0
11/5/2023 11:08	66504 SMAN_T2	0	1	1	0	0	0	-0.52	-0.54	0	0	0	0	0	0
11/5/2023 11:09	56802 BENV_T2	3	5	2	0.6	0.54	-0.06	-1.47	-1.42	0	0	0	0	0	0
11/5/2023 11:11	64802 MONE_T2	0	1	1	0	0.2	0.2	-0.01	-0.01	0	0	0	0	0	0
11/5/2023 11:11	67503 WEWI_T2	0	0	0	0	0	0	-0.66	-0.63	0	0	0	0	0	0
11/5/2023 11:11	51604 DUKE_T2	3	3	0	0.8	0.67	-0.13	-1.72	-1.72	1	1	0	900	900	0
11/5/2023 11:13	64802 MONE_T2	0	1	1	0	0.2	0.2	-0.01	-0.01	0	0	0	0	0	0
11/5/2023 11:14	46203 DANV_T2	2	2	0	0.9	1.3	0.4	0	0	0	0	0	0	0	0
11/5/2023 11:14	51604 DUKE_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/5/2023 11:15	52002 LING_T2	1	1	0	0.9	1.1	0.2	0	0	0	0	0	0	0	0
11/5/2023 11:15	42902 MIDD_T2	115	137	22	0.48	0.46	-0.02	-0.61	-0.65	0	0	0	0	0	0
11/5/2023 11:15	51604 DUKE_T2	3	3	0	0.63	0.67	0.04	-1.72	-1.72	1	1	0	900	900	0
11/5/2023 11:16	52004 LING_T2	4	4	0	0.68	1.08	0.4	0.03	0.03	0	0	0	0	0	0
11/5/2023 11:16	42002 MNVL_T2	0	0	0	0	0	0	-0.84	-0.86	0	0	0	0	0	0
11/5/2023 11:17	42002 MNVL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/5/2023 11:20	43302 WATS_T2	0	1	1	0	0.1	0.1	0	0	0	0	0	0	0	0
11/5/2023 11:21	43402 BENT_T1	1	2	1	0.1	0.25	0.15	-0.96	-0.95	1	1	0	900	900	0
11/5/2023 11:21	42301 SHEN_T2	0	0	0	0	0	0	0.37	0.34	0	0	0	0	0	0
11/5/2023 11:22	49803 UNIV_T1	1	1	0	0.8	1.3	0.5	-1.17	-1.19	0	0	0	0	0	0
11/5/2023 11:23	56803 BENV_T1	1	4	3	0.2	0.45	0.25	0	0	0	0	0	0	0	0
11/5/2023 11:23	59101 WALK_T2	3	4	1	0.3	0.93	0.63	1.02	1.02	0	0	0	0	0	0
11/5/2023 11:24	10805 CHHI_T2	1	1	0	8.3	8.2	-0.1	-0.73	-0.74	0	0	0	0	0	0
11/5/2023 11:25	15001 BLMO_T1	2	2	0	0.4	0.45	0.05	0	0	0	0	0	0	0	0
11/5/2023 11:25	44802 EDAN_T2	0	0	0	0	0	0	-2.23	-2.22	1	1	0	1200	1200	0
11/5/2023 11:26	44801 EDAN_T2	0	1	1	0	0	0	0	0	0	0	0	0	0	0
11/5/2023 11:26	43302 WATS_T2	0	1	1	0	0.1	0.1	0	0	0	0	0	0	0	0
11/5/2023 11:26	56803 BENV_T1	1	4	3	0.2	0.45	0.25	0	0	0	0	0	0	0	0
11/5/2023 11:28	40902 JESH_T1	0	0	0	0	0	0	-0.69	-0.7	0	0	0	0	0	0
11/5/2023 11:28	44802 EDAN_T2	0	0	0	0	0	0	-2.22	-2.2	1	1	0	1200	1200	0

11/5/2023 11:48	59302 MCAL_T1	1	1	0	0.8	0.9	0.1	0.26	0.27	0	0	0	0	0	0
11/5/2023 11:48	42001 MNVL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/5/2023 11:48	42002 MNVL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/5/2023 11:48	58402 MORO_T1	0	0	0	0	0	0	-1.24	-1.26	2	2	0	1200	1200	0
11/5/2023 11:51	43001 ALWD_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/5/2023 11:51	59101 WALK_T2	3	3	0	0.9	0.8	-0.1	1.09	1	0	0	0	0	0	0
11/5/2023 11:52	13905 SEID_T1	2	3	1	0.5	0.37	-0.13	0	0	0	0	0	0	0	0
11/5/2023 11:52	59102 WALK_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/5/2023 11:52	59202 THOM_T1	11	11	0	0.42	0.55	0.13	0	0	0	0	0	0	0	0
11/5/2023 11:52	43001 ALWD_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/5/2023 11:53	66703 STRA_T1	13	16	3	0.35	0.38	0.03	-0.28	-0.33	0	0	0	0	0	0
11/5/2023 11:53	59101 WALK_T2	3	3	0	0.9	0.8	-0.1	1.09	1	0	0	0	0	0	0
11/5/2023 11:54	46203 DANV_T2	2	2	0	0.85	0.95	0.1	-1.46	-1.47	0	0	0	0	0	0
11/5/2023 11:54	59102 WALK_T2	3	5	2	0.3	0.3	0	0	0	0	0	0	0	0	0
11/5/2023 11:55	46203 DANV_T2	2	2	0	0.85	0.95	0.1	-1.46	-1.47	0	0	0	0	0	0
11/5/2023 11:56	46203 DANV_T2	2	2	0	0.85	0.95	0.1	0	0	0	0	0	0	0	0
11/5/2023 11:57	46203 DANV_T2	2	2	0	0.85	0.95	0.1	0	0	0	0	0	0	0	0
11/5/2023 11:59	44502 HAMI_T2	1	2	1	2	2	0	-0.83	-0.72	3	3	0	0	0	0
11/5/2023 12:00	40902 JESH_T1	0	0	0	0	0	0	-0.72	-0.71	0	0	0	0	0	0
11/5/2023 12:02	65604 QVIL_T2	1	1	0	0.4	0.2	-0.2	0.29	0.29	0	0	0	0	0	0
11/5/2023 12:04	58402 MORO_T1	0	0	0	0	0	0	-1.89	-1.95	3	3	0	1800	1800	0
11/5/2023 12:04	58401 MORO_T1	1	1	0	0.2	0.1	-0.1	-1.24	-1.21	1	1	0	600	600	0
11/5/2023 12:04	59302 MCAL_T1	1	1	0	0.9	0.7	-0.2	0.27	0.26	0	0	0	0	0	0
11/5/2023 12:05	65601 QVIL_T2	3	3	0	0.13	0.1	-0.03	0	0	0	0	0	0	0	0
11/5/2023 12:07	59102 WALK_T2	5	4	-1	0.3	0.35	0.05	0	0	0	0	0	0	0	0
11/5/2023 12:08	59202 THOM_T1	11	10	-1	0.44	0.56	0.12	0	0	0	0	0	0	0	0
11/5/2023 12:08	59101 WALK_T2	3	3	0	0.8	0.45	-0.35	2	1.99	0	0	0	0	0	0
11/5/2023 12:10	59101 WALK_T2	3	3	0	0.8	0.45	-0.35	3	2.99	0	0	0	0	0	0
11/5/2023 12:12	54505 ENOL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/5/2023 12:15	40902 JESH_T1	0	0	0	0	0	0	-0.71	-0.7	0	0	0	0	0	0
11/5/2023 12:15	44502 HAMI_T2	1	1	0	1.9	1.9	0	-0.72	-0.79	0	0	0	0	0	0
11/5/2023 12:21	43401 BENT_T1	0	1	1	0	0	0	0	0	0	0	0	0	0	0
11/5/2023 12:21	46702 RENO_T1	0	0	0	0	0	0	-0.14	-0.17	0	0	0	0	0	0
11/5/2023 12:29	43401 BENT_T1	0	1	1	0	0	0	0	0	0	0	0	0	0	0
11/5/2023 12:29	60201 ATGL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/5/2023 12:31	28601 BLYT_T2	1	0	-1	7.9	0	-7.9	0	0	0	0	0	0	0	0
11/5/2023 12:35	14802 TREI_T2	2	3	1	0.2	0.57	0.37	0.32	0.31	0	0	0	0	0	0
11/5/2023 12:38	14802 TREI_T2	2	3	1	0.2	0.57	0.37	0.32	0.31	0	0	0	0	0	0
11/5/2023 12:41	43402 BENT_T1	2	1	-1	0.45	0.3	-0.15	-0.96	-0.97	1	1	0	900	900	0
11/5/2023 12:46	58401 MORO_T1	0	0	0	0	0	0	-1.18	-1.21	1	1	0	600	600	0
11/5/2023 12:46	58402 MORO_T1	0	0	0	0	0	0	-0.61	-0.64	1	1	0	600	600	0
11/5/2023 12:49	58402 MORO_T1	0	0	0	0	0	0	-0.61	-0.64	1	1	0	600	600	0
11/5/2023 12:49	65601 QVIL_T2	2	1	-1	0.3	0.4	0.1	0	0	0	0	0	0	0	0
11/5/2023 12:51	58402 MORO_T1	0	0	0	0	0	0	-0.61	-0.64	1	1	0	600	600	0
11/5/2023 12:52	65604 QVIL_T2	0	0	0	0	0	0	0.3	0.3	0	0	0	0	0	0
11/5/2023 12:53	65602 QVIL_T2	3	3	0	0.13	0.17	0.04	0	0	0	0	0	0	0	0
11/5/2023 12:54	46203 DANV_T2	2	2	0	1.15	1.35	0.2	0	0	0	0	0	0	0	0
11/5/2023 12:57	46203 DANV_T2	2	2	0	1.15	1.35	0.2	-1.49	-1.49	0	0	0	0	0	0
11/5/2023 12:58	46203 DANV_T2	2	2	0	1.15	1.35	0.2	-1.49	-1.49	0	0	0	0	0	0
11/5/2023 12:59	46203 DANV_T2	2	2	0	1.15	1.35	0.2	0	0	0	0	0	0	0	0
11/5/2023 13:01	42001 MNVL_T2	1	1	0	0.2	0.1	-0.1	-0.02	-0.01	0	0	0	0	0	0
11/5/2023 13:01	42001 MNVL_T2	1	1	0	0.2	0.1	-0.1	-0.02	-0.01	0	0	0	0	0	0
11/5/2023 13:02	42001 MNVL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/5/2023 13:04	15601 NSTR_T2	3	3	0	1.07	1.07	0	0	0	0	0	0	0	0	0
11/5/2023 13:05	57303 MOAL_T2	1	1	0	7.8	7.7	-0.1	0	0	0	0	0	0	0	0
11/5/2023 13:06	13905 SEID_T1	1	1	0	0.5	0.1	-0.4	0	0	0	0	0	0	0	0
11/5/2023 13:08	46701 RENO_T1	0	1	1	0	0.2	0.2	0	0	0	0	0	0	0	0
11/5/2023 13:08	56802 BENV_T2	9	11	2	0.19	0.35	0.16	-1.43	-1.5	0	0	0	0	0	0
11/5/2023 13:22	66703 STRA_T1	8	21	13	0.44	0.31	-0.13	-0.28	-0.28	0	0	0	0	0	0
11/5/2023 13:46	46602 LACR_T1	0	0	0	0	0	0	-0.22	-0.25	0	0	0	0	0	0
11/5/2023 13:47	58402 MORO_T1	0	0	0	0	0	0	-0.67	-0.67	1	1	0	600	600	0
11/5/2023 13:48	65001 NEFF_T2	0	0	0	0	0	0	-1.25	-1.27	1	1	0	1200	1200	0
11/5/2023 13:48	58402 MORO_T1	0	0	0	0	0	0	-0.67	-0.67	1	1	0	600	600	0
11/5/2023 13:49	58402 MORO_T1	0	0	0	0	0	0	-0.67	-0.67	1	1	0	600	600	0
11/5/2023 13:50	46702 RENO_T1	0	0	0	0	0	0	-0.16	-0.17	0	0	0	0	0	0
11/5/2023 13:50	65601 QVIL_T2	1	1	0	0.5	0.5	0	0	0	0	0	0	0	0	0
11/5/2023 13:52	65601 QVIL_T2	1	1	0	0.5	0.5	0	0	0	0	0	0	0	0	0
11/5/2023 13:52	43001 ALWD_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/5/2023 13:53	65001 NEFF_T2	0	0	0	0	0	0	-1.25	-1.27	1	1	0	1200	1200	0
11/5/2023 13:53	43001 ALWD_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/5/2023 14:04	66703 STRA_T1	5	6	1	0.44	0.32	-0.12	-0.28	-0.27	0	0	0	0	0	0
11/5/2023 14:05	59102 WALK_T2	1	1	0	0.2	0.1	-0.1	0	0	0	0	0	0	0	0
11/5/2023 14:07	43001 ALWD_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/5/2023 14:08	43001 ALWD_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/5/2023 14:08	59101 WALK_T2	1	1	0	0	0	0	0.8	0.76	0	0	0	0	0	0
11/5/2023 14:10	46004 BERW_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/5/2023 14:11	44802 EDAN_T2	0	0	0	0	0	0	-2.25	-2.22	1	1	0	1200	1200	0
11/5/2023 14:11	46001 BERW_T1	0	0	0	0	0	0	1	0.98	0	0	0	0	0	0
11/5/2023 14:12	52402 GRPA_T2	5	4	-1	0.86	1.1	0.24	0	0	0	0	0	0	0	0
11/5/2023 14:13	44802 EDAN_T2	0	0	0	0	0	0	-2.25	-2.22	1	1	0	1200	1200	0
11/5/2023 14:13	46602 LACR_T1	0	0	0	0	0	0	-0.22	-0.18	0	0	0	0	0	0
11/5/2023 14:14	44802 EDAN_T2	0	0	0	0	0	0	-2.25	-2.22	1	1	0	1200	1200	0
11/5/2023 14:14	26401 INOR_T1	0	1	1	0	0.2	0.2	0	0	0	0	0	0	0	0
11/5/2023 14:14	52402 GRPA_T2	5	4	-1	0.86	1.1	0.24	0	0	0	0	0	0	0	0
11/5/2023 14:15	52402 GRPA_T2	4	4	0	0.88	1.03	0.15	0	0	0	0	0	0	0	0
11/5/2023 14:15	52004 LING_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/5/2023 14:16	26401 INOR_T1	1	0	-1	0.2	0	-0.2	0.14	0.15	0	0	0	0	0	0
11/5/2023 14:16	52403 GRPA_T2	0	3	3	0	0	0	-0.06	-0.05	0	0	0	0	0	0
11/5/2023 14:16	40902 JESH_T1	0	0	0	0	0	0	-0.75	-0.76	0	0	0	0	0	0
11/5/2023 14:18	13905 SEID_T1	1	0	-1	0.1	0	-0.1	0	0	0	0	0	0	0	0
11/5/2023 14:18	52002 LING_T2	1	1	0	1.1	1	-0.1	0	0	0	0	0	0	0	0
11/5/2023 14:19	64101 REFR_T1	1	0	-1	0.6	0	-0.6	-0.2	-0.21	0	0	0	0	0	0
11/5/2023 14:19	65602 QVIL_T2	13	5	-8	0.21	0.22	0.01	0	0	0	0	0	0	0	0
11/5/2023 14:20	66703 STRA_T1	6	6	0	0.32	0.3	-0.02	-0.27	-0.28	0	0	0	0	0	0
11/5/2023 14:20	67203 TEHI_T1	0	0	0	0	0	0	0.99	0.92	1	1	0	900	900	0
11/5/2023 14:20	14802 TREI_T2	0	0	0	0	0	0	0.27	0.28	0	0	0	0	0	0
11/5/2023 14:21	59102 WALK_T2	1	0	-1	0.1	0	-0.1	0	0	0	0	0	0	0	0
11/5/2023 14:21	46702 RENO_T1	0	0	0	0	0	0	-0.17	-0.17	0	0	0	0	0	0
11/5/2023 14:22	65601 QVIL_T2	1	1	0	0.4	0.4	0	0	0	0	0	0	0	0	0
11/5/2023 14:23	28602 BLYT_T2	0	2	2	0	0.15	0.15	0	0	0	0	0	0	0	0
11/5/2023 14:23	59102 WALK_T2	1	0	-1	0.1	0	-0.1	0	0	0	0	0	0	0	0
11/5/2023 14:23	60801 BUCK_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/5/2023 14:24	46004 BERW_T2	0	0	0	0	0	0	-0.76	-0.8	0	0	0	0	0	0
11/5/2023 14:24	14802 TREI_T2	0	0	0	0	0	0	0.54	0.56	0	0	0	0	0	0
11/5/2023 14:24	43001 ALWD_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/5/2023 14:24	60803 BUCK_T1	16	15	-1	0.27	0.3	0.03	0	0	0	0	0	0	0	0
11/5/2023 14:24	15001 BLMO_T1	1	1	0	0.2	0.1	-0.1	0	0	0	0	0	0	0	0
11/5/2023 14:25	46004 BERW_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/5/2023 14:25	15001 BLMO_T1	1	1	0	0.2	0.1	-0.1	0	0	0	0	0	0	0	0
11/5/2023 14:25	60801 BUCK_T1	6	8	2	0.15	0.13	-0.02	0	0	0	0	0	0	0	0
11/5/2023 14:25	60803 BUCK_T1	16	15	-1	0.27	0.3	0.03	-1.02	-0.99	1	1	0	600	600	0
11/5/2023 14:26	46203 DANV_T2	2	1	-1	0.6	0.2	-0.4	-1.49	-1.5	0	0	0	0	0	0
11/5/2023 14:26	28604 BLYT_T2	0	0	0	0	0	0	-2.88	-2.92	0	0	0	0	0	0
11/5/2023 14:26	15001 BLMO_T1	1	1	0	0.2	0.1	-0.1	0	0	0	0	0	0	0	0
11/5/2023 14:27	60801 BUCK_T1	6	8	2	0.15	0.13	-0.02	-0.18	-0.18	0	0	0	0	0	0
11/5/2023 14:27	46001 BERW_T1	0	0	0	0	0	0	0.98	1	0	0	0	0	0	0
11/5/2023 14:28	52401 GRPA_T2	0	2	2	0	0.2	0.2	0	0	0	0	0	0	0	0
11/5/2023 14:28	60803 BUCK_T1	16	15	-1	0.27	0.3	0.03	-0.99	-0.99	1	1	0	600	600	0
11/5/2023 14:28	46602 LACR_T1	0	0	0	0	0	0	-0.18	-0.22	0	0	0	0	0	0
11/5/2023 14:28	46203 DANV_T2	2	1	-1	0.6	0.2	-0.4	-1.49	-1.5	0	0	0	0	0	0
11/5/2023 14:29	67502 WEWI_T2	112	88	-24	0.21	0.19	-0.02	-1.45	-1.47	1	1	0	900	900	0
11/5/2023 14:29	46203 DANV_T2	2	1	-1	0.6	0.2	-0.4	0	0	0	0	0	0	0	0
11/5/2023 14:29	23301 JEFF_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/5/2023 14:30	58402 MORO_T1	0	0	0	0	0	0	-0.65	-0.65	1	1	0	600	600	0
11/5/2023 14:31	52401 GRPA_T2	0	2	2	0	0.2	0.2	0	0	0	0	0	0	0	0
11/5/2023 14:31	43201 MVIL_T2	0	0	0	0	0	0	-1.32	-1.34	0	0	0	0	0	0
11/5/2023 14:31	58402 MORO_T1	0	0	0	0	0	0	-0.65	-0.65	1	1	0	600	600	0
11/5/2023 14:32	43202 MVIL_T2	1	1	0	2.3	2	-0.3	-0.72	-0.72	0	0	0	0	0	0
11/5/2023 14:33	43202 MVIL_T2	1	1	0	2.3	2	-0.3	-0.72	-0.72	0	0	0	0	0	0
11/5/2023 14:34	58402 MORO_T1	0	0	0	0	0	0	-0.65	-0.65	1	1	0	600	600	0
11/5/2023 14:34	13901 SEID_T1	0	0	0	0	0	0	0.17	0.17	0	0	0	0	0	0
11/5/2023 14:35	65602 QVIL_T2	5	4	-1	0.22	0.23	0.01	0	0	0	0	0	0	0	0
11/5/2023 14:36	66703 STRA_T1	6	6	0	0.3	0.38	0.08	-0.28	-0.26	0	0	0	0	0	0
11/5/2023 14:36	67401 WAKE_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/5/2023 14:36	27502 WEIS_T2	0	0	0	0	0	0	-0.57	-0.64	0	0	0	0	0	0
11/5/2023 14:37	65602 QVIL_T2	5	4	-1	0.22	0.23	0.01	0	0	0	0	0	0	0	0
11/5/2023 14:37	59101 WALK_T2	1	1	0	0	0	0	2.16	2.18	0	0	0	0	0	0
11/5/2023 14:37	46702 RENO_T1	0	0	0	0	0	0	-0.17	-0.14	0	0	0	0	0	0
11/5/2023 14:38	28602 BLYT_T2	2	1	-1	0.15	0.2	0.05	0	0	0	0	0	0	0	0
11/5/2023 14:38	59101 WALK_T2	1	0	-1	0	0	0	1.08	1.09	0	0	0	0	0	0
11/5/2023 14:39	43001 ALWD_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/5/2023 14:39	44802 EDAN_T2	0	0	0	0	0	0	-2.22	-2.23	1	1	0	1200	1200	0
11/5/2023 14:40	46004 BERW_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/5/2023 14:40	43001 ALWD_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/5/2023 14:40	44802 EDAN_T2	0	0	0	0	0	0	-2.22	-2.23	1	1	0	1200	1200	0
11/5/2023 14:41	28604 BLYT_T2	0	0	0	0	0	0	-1.46	-1.43	0	0	0	0	0	0
11/5/2023 14:42	28604 BLYT_T2	0	0	0	0	0	0	-1.46	-1.43	0	0	0	0	0	0
11/5/2023 14:42	44802 EDAN_T2	0	0	0	0	0	0	-2.23	-2.23	1	1	0	1200	1200	0
11/5/2023 14:42	46203 DANV_T2	1	1	0	0.2	0.2	0	-1.5	-1.5	0	0	0	0	0	0
11/5/2023 14:43	67502 WEWI_T2	88	104	16	0.18	0.18	0	-1.47	-1.43	1	1	0	900	900	0
11/5/2023 14:44	46203 DANV_T2	1	1	0	0.2	0.2	0	-1.5	-1.5	0	0	0	0	0	0
11/5/2023 14:44	63803 HEMP_T1	1	0	-1	0.2	0	-0.2	0	0	0	0	0	0	0	0
11/5/2023 14:44	52402 GRPA_T2	4	5	1	1.03	0.88	-0.15	0	0	0	0	0	0	0	0
11/5/2023 14:44	46602 LACR_T1	0	0	0	0	0	0	-0.22	-0.23	0	0	0	0	0	0
11/5/2023 14:45	67502 WEWI_T2	59	203	144	0.18	0.27	0.09	-1.47	-1.43	1	1	0	900	900	0
11/5/2023 14:45	46801 HEPB_T2	2	2	0	0.2	0.1	-0.1	0.56	0.57	0	0	0	0	0	0
11/5/2023 14:45	23301 JEFF_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/5/2023 14:45	46206 DANV_T2	0	1	1	0	0	0	0	0	0	0	0	0	0	0
11/5/2023 14:46	52402 GRPA_T2	4	5	1	1	1.02	0.02	0	0	0	0	0	0	0	0
11/5/2023 14:46	67503 WEWI_T2	0	0	0	0	0	0	-1.24	-1.26	0	0	0	0	0	0
11/5/2023 14:46	41801 GOCI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/5/2023 14:46	67503 WEWI_T2	0	0	0	0	0	0	-1.24	-1.26	0	0	0	0	0	0
11/5/2023 14:46	58402 MORO_T1	0	0	0	0	0	0	-0.65	-0.67	1	1	0	600	600	0
11/5/2023 14:47	46803 HEPB_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/5/2023 14:47	43202 MVIL_T2	1	1	0	2	1.5	-0.5	0	0	0	0	0	0	0	0
11/5/2023 14:48	43202 MVIL_T2	1	1	0	2	1.5	-0.5	-0.72	-0.73	0	0	0	0	0	0
11/5/2023 14:48	41801 GOCI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/5/2023 14:49	15601 NSTR_T2	3	1	-2	0.53	0.2	-0.33	0	0	0	0	0	0	0	0
11/5/2023 14:49	43202 MVIL_T2	1	1	0	2	1.5	-0.5	-0.72	-0.73	0	0	0	0	0	0
11/5/2023 14:50	59402 RFLD_T2	0	0	0	0	0	0	-0.97	-1	0	0	0	0	0	0
11/5/2023 14:51	59402 RFLD_T2	0	0	0	0	0	0	-0.32	-0.33	0	0	0	0	0	0
11/5/2023 14:51	42001 MNVL_T2	0	0	0	0	0	0	-0.01	-0.04	0	0	0	0	0	0
11/5/2023 14:52	67203 TEHI_T1	0	0	0	0	0	0	0.93	0.86	1	1	0	900	900	0
11/5/2023 14:53	60803 BUCK_T1	13	16	3	0.25	0.31	0.06	-0.99	-0.99	1	1	0	600	600	0
11/5/2023 14:53	60803 BUCK_T1	13	16	3	0.25	0.31	0.06	-0.99	-0.99	1	1	0	600	600	0
11/5/2023 14:53	46001 BERW_T1	0	0	0	0	0	0	-1	-1	0	0	0	0	0	0
11/5/2023 14:53	59101 WALK_T2	1	1	0	0	0	0	3.26	3.87	0	0	0	0	0	0
11/5/2023 14:53	56801 BENV_T2	27	30	3	0.66	0.72	0.06	-2.49	-2.43	3	3	0	1800	1800	0
11/5/2023 14:54	60801 BUCK_T1	3	27	24	0.17	0.16	-0.01	-0.18	-0.19	0	0	0	0	0	0
11/5/2023 14:54	56801 BENV_T2

11/5/2023 15:47	64202 KINZ_T1	1	3	2	0.2	0.33	0.13	0	0	0	0	0	0	0	0
11/5/2023 15:49	64101 REFR_T1	0	0	0	0	0	0	-0.21	-0.21	0	0	0	0	0	0
11/5/2023 15:49	66703 STRA_T1	1	0	-1	0.2	0	-0.2	-0.31	-0.33	0	0	0	0	0	0
11/5/2023 15:50	64101 REFR_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/5/2023 15:52	64101 REFR_T1	0	0	0	0	0	0	-0.62	-0.62	0	0	0	0	0	0
11/5/2023 16:09	46203 DANV_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/5/2023 16:09	59101 WALK_T2	1	1	0	0	0	0	1.27	0.92	0	0	0	0	0	0
11/5/2023 16:10	64902 MILL_T2	0	0	0	0	0	0	-0.74	-0.77	1	1	0	900	900	0
11/5/2023 16:13	46203 DANV_T2	0	0	0	0	0	0	-1.52	-1.5	0	0	0	0	0	0
11/5/2023 16:15	63401 HONY_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/5/2023 16:23	59101 WALK_T2	1	1	0	0	0	0	0.92	1.05	0	0	0	0	0	0
11/5/2023 16:34	55002 NEWP_T1	4	5	1	0.4	0.5	0.1	-0.25	-0.26	0	0	0	0	0	0
11/5/2023 16:35	42201 SHEN_T2	0	0	0	0	0	0	0.38	0.38	0	0	0	0	0	0
11/5/2023 17:20	47401 PENS_T1	0	0	0	0	0	0	1.62	1.56	0	0	0	0	0	0
11/5/2023 17:21	65901 SAKR_T2	1	1	0	8.9	8.8	-0.1	0	0	0	0	0	0	0	0
11/5/2023 17:21	47401 PENS_T1	0	0	0	0	0	0	0.81	0.78	0	0	0	0	0	0
11/5/2023 17:36	49803 UNIV_T1	0	0	0	0	0	0	-1.19	-1.16	0	0	0	0	0	0
11/5/2023 18:25	59402 RFLD_T2	1	1	0	0.2	0.4	0.2	-0.33	-0.34	0	0	0	0	0	0
11/5/2023 18:50	26401 INOR_T1	0	1	1	0	0	0	0.23	0.22	0	0	0	0	0	0
11/5/2023 18:53	61303 EARL_T1	0	0	0	0	0	0	-0.03	-0.04	0	0	0	0	0	0
11/5/2023 18:54	13604 RICH_T2	0	1	1	0	0	0	0	0	0	0	0	0	0	0
11/5/2023 18:54	30602 BLGL_T2	0	0	0	0	0	0	-0.03	0	0	0	0	0	0	0
11/5/2023 18:54	29402 BELT_T1	1	1	0	8	8.1	0.1	0	0	0	0	0	0	0	0
11/5/2023 18:55	29402 BELT_T1	1	1	0	8	8.1	0.1	0	0	0	0	0	0	0	0
11/5/2023 18:55	10805 CHHI_T2	1	1	0	7.2	7.4	0.2	-1.38	-1.32	1	1	0	600	600	0
11/5/2023 18:56	15601 NSTR_T2	3	3	0	0.37	0.33	-0.04	0	0	0	0	0	0	0	0
11/5/2023 18:56	64204 KINZ_T1	54	63	9	0.49	0.48	-0.01	0	0	0	0	0	0	0	0
11/5/2023 18:56	29401 BELT_T1	0	0	0	0	0	0	0	0	1	1	0	900	900	0
11/5/2023 18:56	29402 BELT_T1	1	1	0	8	8.1	0.1	0	0	0	0	0	0	0	0
11/5/2023 18:56	13901 SEID_T1	0	0	0	0	0	0	0.18	0.19	0	0	0	0	0	0
11/5/2023 18:57	14802 TREI_T2	0	0	0	0	0	0	0.31	0.31	0	0	0	0	0	0
11/5/2023 18:58	27502 WEIS_T2	0	0	0	0	0	0	-0.75	-0.75	0	0	0	0	0	0
11/5/2023 18:58	66505 SMAN_T2	1	2	1	0.4	0.15	-0.25	-0.31	-0.41	2	2	0	1100	1100	0
11/5/2023 18:58	67502 WEWI_T2	1	5	4	0.1	0.12	0.02	-1.51	-1.51	1	1	0	900	900	0
11/5/2023 18:58	64501 LAVI_T1	1	1	0	9.1	8.9	-0.2	0	0	0	0	0	0	0	0
11/5/2023 18:59	44802 EDAN_T2	0	0	0	0	0	0	-2.18	-2.29	1	1	0	1200	1200	0
11/5/2023 18:59	52004 LING_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/5/2023 18:59	57401 SPAN_T1	0	0	0	0	0	0	-0.8	-0.92	1	1	0	600	600	0
11/5/2023 18:59	15001 BLMO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/5/2023 19:00	42503 ALTA_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/5/2023 19:00	60201 ATGL_T2	0	0	0	0	0	0	0.16	0.2	0	0	0	0	0	0
11/5/2023 19:00	52502 PROG_T2	0	0	0	0	0	0	-0.75	-0.77	1	1	0	900	900	0
11/5/2023 19:00	64902 MILL_T2	0	0	0	0	0	0	-0.74	-0.79	1	1	0	900	900	0
11/5/2023 19:00	49803 UNIV_T1	0	0	0	0	0	0	-1.17	-1.21	0	0	0	0	0	0
11/5/2023 19:00	26401 INOR_T1	0	1	1	0	0	0	0	0	0	0	0	0	0	0
11/5/2023 19:00	44601 SALE_T2	1	1	0	0.4	0.3	-0.1	-0.22	-0.2	0	0	0	0	0	0
11/5/2023 19:00	20401 ASHF_T2	0	1	1	0	0	0	0	0	0	0	0	0	0	0
11/5/2023 19:00	46001 BERW_T1	0	0	0	0	0	0	0.55	0.55	0	0	0	0	0	0
11/5/2023 19:00	67502 WEWI_T2	5	49	44	0.12	0.15	0.03	-1.51	-1.51	1	1	0	900	900	0
11/5/2023 19:00	47401 PENS_T1	0	0	0	0	0	0	0.73	0.76	0	0	0	0	0	0
11/5/2023 19:01	59202 THOM_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/5/2023 19:01	64204 KINZ_T1	61	77	16	0.47	0.62	0.15	0	0	0	0	0	0	0	0
11/5/2023 19:01	56801 BENV_T1	12	13	1	1.45	1.46	0.01	-0.78	-0.79	1	1	0	600	600	0
11/5/2023 19:01	56802 BENV_T2	0	1	1	0	0.7	0.7	-1.46	-1.5	0	0	0	0	0	0
11/5/2023 19:01	17802 GILB_T1	0	0	0	0	0	0	0.09	0.08	0	0	0	0	0	0
11/5/2023 19:02	23301 JEFF_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/5/2023 19:02	42901 MIDD_T2	260	324	64	0.44	0.51	0.07	0	0	0	0	0	0	0	0
11/5/2023 19:02	42701 AUGU_T1	0	0	0	0	0	0	0	0	2	2	0	1800	1800	0
11/5/2023 19:02	57401 SPAN_T1	0	0	0	0	0	0	-0.8	-0.92	1	1	0	600	600	0
11/5/2023 19:02	52002 LING_T2	0	1	1	0	0.5	0.5	0	0	0	0	0	0	0	0
11/5/2023 19:02	44801 EDAN_T2	0	1	1	0	0	0	0	0	0	0	0	0	0	0
11/5/2023 19:02	67503 WEWI_T2	0	0	0	0	0	0	-0.51	-0.56	0	0	0	0	0	0
11/5/2023 19:02	61303 EARL_T1	0	0	0	0	0	0	-0.04	-0.03	0	0	0	0	0	0
11/5/2023 19:02	60101 COCA_T1	0	0	0	0	0	0	0.17	0.2	0	0	0	0	0	0
11/5/2023 19:02	44601 SALE_T2	1	1	0	0.4	0.3	-0.1	-0.22	-0.2	0	0	0	0	0	0
11/5/2023 19:03	53901 HAU_T2	2	2	0	0.2	0.2	0	0	0	0	0	0	0	0	0
11/5/2023 19:03	67503 WEWI_T2	0	0	0	0	0	0	-0.51	-0.56	0	0	0	0	0	0
11/5/2023 19:03	43401 BENT_T1	1	1	0	0.5	0.1	-0.4	0	0	0	0	0	0	0	0
11/5/2023 19:03	15001 BLMO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/5/2023 19:03	59101 WALK_T2	1	1	0	0	0	0	0.92	0.97	0	0	0	0	0	0
11/5/2023 19:03	56802 BENV_T2	0	1	1	0	0.7	0.7	-1.46	-1.5	0	0	0	0	0	0
11/5/2023 19:03	41801 GOCI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/5/2023 19:03	14403 SSLA_T1	0	1	1	0	0	0	0.72	0.72	0	0	0	0	0	0
11/5/2023 19:03	64503 LAVI_T1	0	0	0	0	0	0	-0.91	-0.99	1	1	0	1200	1200	0
11/5/2023 19:03	60801 BUCK_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/5/2023 19:03	60801 BUCK_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/5/2023 19:03	42001 MNVL_T2	0	0	0	0	0	0	0.03	0	0	0	0	0	0	0
11/5/2023 19:03	28403 HART_T2	0	0	0	0	0	0	-0.64	-0.65	1	1	0	900	900	0
11/5/2023 19:03	56801 BENV_T1	12	13	1	1.45	1.46	0.01	-1.56	-1.58	2	2	0	1200	1200	0
11/5/2023 19:03	57403 SPAN_T1	0	0	0	0	0	0	0.01	0.03	0	0	0	0	0	0
11/5/2023 19:03	46203 DANV_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/5/2023 19:03	60201 ATGL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/5/2023 19:04	29401 BELT_T1	0	0	0	0	0	0	0	0	1	1	0	900	900	0
11/5/2023 19:04	41801 GOCI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/5/2023 19:04	52403 GRPA_T2	1	1	0	0.4	0	-0.4	0	0	0	0	0	0	0	0
11/5/2023 19:04	64503 LAVI_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/5/2023 19:04	42901 MIDD_T2	260	324	64	0.44	0.51	0.07	0	0	0	0	0	0	0	0
11/5/2023 19:04	43302 WATS_T2	0	3	3	0	0.13	0.13	0	0	0	0	0	0	0	0
11/5/2023 19:04	28604 BLYT_T2	0	0	0	0	0	0	-1.36	-1.37	0	0	0	0	0	0
11/5/2023 19:04	56501 ROCK_T2	5	4	-1	0.24	0.2	-0.04	-1.71	-1.71	0	0	0	0	0	0
11/5/2023 19:04	59101 WALK_T2	1	1	0	0	0	0	0.92	0.97	0	0	0	0	0	0
11/5/2023 19:05	22901 HARW_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/5/2023 19:05	59101 WALK_T2	1	1	0	0	0	0	0.92	0.97	0	0	0	0	0	0
11/5/2023 19:05	52502 PROG_T2	0	0	0	0	0	0	-0.75	-0.77	1	1	0	900	900	0
11/5/2023 19:05	43201 MVIL_T2	0	0	0	0	0	0	-1.33	-1.33	0	0	0	0	0	0
11/5/2023 19:05	46003 BERW_T2	1	1	0	2.8	2.7	-0.1	0	0	0	0	0	0	0	0
11/5/2023 19:05	60801 BUCK_T1	0	0	0	0	0	0	-0.19	-0.18	0	0	0	0	0	0
11/5/2023 19:05	40602 PIGR_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/5/2023 19:05	43302 WATS_T2	0	3	3	0	0.13	0.13	0	0	0	0	0	0	0	0
11/5/2023 19:05	65001 NEFF_T2	0	2	2	0	0.1	0.1	-1.37	-1.37	1	1	0	1200	1200	0
11/5/2023 19:05	46001 BERW_T1	0	0	0	0	0	0	0.55	0.55	0	0	0	0	0	0
11/5/2023 19:05	67501 WEWI_T1	0	0	0	0	0	0	-1.28	-1.31	1	1	0	600	600	0
11/5/2023 19:05	45501 DERR_T2	0	0	0	0	0	0	-0.35	-0.37	2	2	0	1800	1800	0
11/5/2023 19:06	55002 NEWP_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/5/2023 19:06	67502 WEWI_T2	5	49	44	0.12	0.15	0.03	-1.51	-1.51	1	1	0	900	900	0
11/5/2023 19:06	59302 MCAL_T1	1	1	0	0.9	1.3	0.4	0.27	0.24	0	0	0	0	0	0
11/5/2023 19:06	46801 HEPB_T2	0	0	0	0	0	0	0.59	0.56	0	0	0	0	0	0
11/5/2023 19:06	10805 CHHI_T2	1	1	0	7.4	7.2	-0.2	-1.32	-1.27	1	1	0	600	600	0
11/5/2023 19:06	66505 SMAN_T2	2	3	1	0.15	0.3	0.15	-0.31	-0.41	2	2	0	1100	1100	0
11/5/2023 19:06	60502 NMAN_T2	0	0	0	0	0	0	-0.59	-0.59	0	0	0	0	0	0
11/5/2023 19:06	46203 DANV_T2	0	0	0	0	0	0	-1.39	-1.42	0	0	0	0	0	0
11/5/2023 19:06	47001 HUGH_T2	0	0	0	0	0	0	-0.8	-0.82	0	0	0	0	0	0
11/5/2023 19:06	66504 SMAN_T2	0	0	0	0	0	0	-1.87	-0.54	1	0	-1	1200	0	-1200
11/5/2023 19:06	64101 REFR_T1	0	0	0	0	0	0	-0.18	-0.2	0	0	0	0	0	0
11/5/2023 19:07	14802 TREI_T2	0	0	0	0	0	0	0.31	0.31	0	0	0	0	0	0
11/5/2023 19:07	58402 MORO_T1	0	1	1	0	0	0	-1.56	-1.56	2	2	0	1500	1500	0
11/5/2023 19:07	52403 GRPA_T2	1	1	0	0.4	0	-0.4	0	0	0	0	0	0	0	0
11/5/2023 19:07	60201 ATGL_T2	0	0	0	0	0	0	0.16	0.2	0	0	0	0	0	0
11/5/2023 19:07	57401 SPAN_T1	0	0	0	0	0	0	-0.8	-0.92	1	1	0	600	600	0
11/5/2023 19:07	46801 HEPB_T2	0	0	0	0	0	0	0.59	0.56	0	0	0	0	0	0
11/5/2023 19:07	42201 SHEN_T2	0	0	0	0	0	0	0.36	0.36	0	0	0	0	0	0
11/5/2023 19:07	54701 NEBL_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/5/2023 19:07	67502 WEWI_T2	5	49	44	0.12	0.15	0.03	-1.51	-1.51	1	1	0	900	900	0
11/5/2023 19:07	59101 WALK_T2	1	1	0	0	0	0	0.92	0.97	0	0	0	0	0	0
11/5/2023 19:07	15001 BLMO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/5/2023 19:07	57403 SPAN_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/5/2023 19:07	55001 NEWP_T1	1	1	0	0.4	0	-0.4	0	0	0	0	0	0	0	0
11/5/2023 19:07	45702 LIND_T2	0	1	1	0	0.5	0.5	-0.54	-0.52	0	0	0	0	0	0
11/5/2023 19:07	56802 BENV_T2	0	1	1	0	0.7	0.7	-1.46	-1.5	0	0	0	0	0	0
11/5/2023 19:07	43001 ALWD_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/5/2023 19:07	28403 HART_T2	0	0	0	0	0	0	-0.64	-0.65	1	1	0	900	900	0
11/5/2023 19:07	56801 BENV_T1	12	13	1	1.45	1.46	0.01	-1.56	-1.58	2	2	0	1200	1200	0
11/5/2023 19:07	60803 BUCK_T1	0	1	1	0	0.1	0.1	0	0	0	0	0	0	0	0
11/5/2023 19:07	46602 LACR_T1	1	1	0	0.2	0.7	0.5	-0.2	-0.11	0	0	0	0	0	0
11/5/2023 19:08	67501 WEWI_T1	0	0	0	0	0	0	-1.28	-1.31	1	1	0	600	600	0
11/5/2023 19:08	41902 REED_T1	2	0	-2	0.6	0	-0.6	0	0	0	0	0	0	0	0
11/5/2023 19:08	42901 MIDD_T2	260	324	64	0.44	0.51	0.07	0	0	0	0	0	0	0	0
11/5/2023 19:08	43302 WATS_T2	0	3	3	0	0.13	0.13	0	0	0	0	0	0	0	0
11/5/2023 19:08	43001 ALWD_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/5/2023 19:08	46903 MNTG_T2	0	0	0	0	0	0	-0.23	-0.22	1	1	0	600	600	0
11/5/2023 19:08	45001 LIME_2	5	31	26	0.12	0.28	0.16	0	0	0	0	0	0	0	0
11/5/2023 19:08	42002 MNVL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/5/2023 19:08	63401 HONY_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/5/2023 19:08	60101 COCA_T1	0	0	0	0	0	0	0.17	0.2	0	0	0	0	0	0
11/5/2023 19:08	60803 BUCK_T1	0	1	1	0	0.1	0.1	-0.94	-0.94	1	1	0	600	600	0
11/5/2023 19:08	45501 DERR_T2	0	0	0	0	0	0	-0.35	-0.37	2	2	0	1800	1800	0
11/5/2023 19:08	28604 BLYT_T2	0	0	0	0	0	0	-1.36	-1.37	0	0	0	0	0	0
11/5/2023 19:08	55002 NEWP_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/5/2023 19:09	45003 LIME_2	1	2	1	4	4.2	0.2	0	0	0	0	0	0	0	0
11/5/2023 19:09	63803 HEMP_T1	0	3	3	0	0.1	0.1	0	0	0	0	0	0	0	0
11/5/2023 19:09	42902 MIDD_T2	135	166	31	0.65	0.6	-0.05	0	0	0	0	0	0	0	0
11/5/2023 19:09	58402 MORO_T1	0	1	1	0	0	0	-1.56	-1.56	2	2	0	1500	1500	0
11/5/2023 19:09	14802 TREI_T2	0	0	0	0	0	0	0.31	0.31	0	0	0	0	0	0
11/5/2023 19:09	57401 SPAN_T1	0	0	0	0	0	0	-0.8	-0.92	1	1	0	600	600	0
11/5/2023 19:09	61801 EEU_T2	2	2	0	0.65	0.9	0.25	-1.04	-1.03	1	1	0	600	600	0
11/5/2023 19:09	64503 LAVI_T1	0	0	0	0	0	0	-0.91	-0.99	1	1	0	1200	1200	0
11/5/2023 19:09	67502 WEWI_T2	5	49	44	0.12	0.15	0.03	0	0	0	0	0	0	0	0
11/5/2023 19:09	43304 WATS_T2	0	0	0	0	0	0	-0.9	-0.92	0	0	0	0	0	0
11/5/2023 19:09	43202 MVIL_T2	0	0	0	0	0	0	-0.7	-0.7	0	0	0	0	0	0
11/5/2023 19:09	52501 PROG_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/5/2023 19:09	46803 HEPB_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/5/2023 19:09	64802 MONE_T2	0	18	18	0	0.12	0.12	-0.01	-0.01	0	0	0	0	0	0
11/5/2023 19:09	56802 BENV_T2	0	1	1	0	0.7	0.7	-1.46	-1.5	0	0	0	0	0	0
11/5/2023 19:09	67203 TEHI_T1	0	0	0	0	0	0	0.93	0.92	1	1	0	900	900	0
11/5/2023 19:09	46203 DANV_T2	0	0	0	0	0	0	-1.39	-1.42	0	0	0	0	0	0
11/5/2023 19:10	56802 BENV_T2	0	1	1	0	0.7	0.7	-2.92	-3	0	0	0	0	0	0
11/5/2023 19:10	67401 WAKE_T2	0	0	0	0	0	0	-0.87	-0.88	0	0	0	0	0	0
11/5/2023 19:10	56801 BENV_T1	12	13	1	1.45	1.46	0.01	-0.78	-0.79	1	1	0	600	600	0
11/5/2023 19:10	43202 MVIL_T2	0	0	0	0	0	0	-0.7	-0.7	0	0	0	0	0	0
11/5/2023 19:10	40902 JESH_T1	0	0	0	0	0	0	-0.67	-0.68	0	0	0	0	0	0
11/5/2023 19:10	59101 WALK_T2	1	1	0	0	0	0	0.92	0.97	0	0	0	0	0	0
11/5/2023 19:10	64802 MONE_T2	0	18	18	0	0.12	0.12	-0.01	-0.01	0	0	0	0	0	0
11/5/2023 19:10	41902 REED_T1	2	0	-2	0.6	0	-0.6	0.8	0.79	0	0	0	0	0	0
11/5/2023 19:10	56501 ROCK_T2	5	4	-1	0.24	0.2	-0.04	-1.71	-1.71	0	0	0	0	0	0
11/5/2023 19:10	64101 REFR_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/5/2023 19:10	20401 ASHF_T2	0	1	1	0	0	0	0	0	0	0	0	0	0	0
11/5/2023 19:10	43302 WATS_T2	0	3	3	0	0.13	0.13	0	0	0	0	0	0	0	0
11/5/2023 19:10	57403 SPAN_T1	0	0	0	0	0	0	0.01	0.03	0	0	0	0	0	0
11/5/2023 19:11	42903 MIDD_T2	72	90	18	0.3	0.33	0.03	0	0	0	0	0	0	0	0
11/5/2023 19:11	41902 REED_T1	2	0	-2	0.6	0	-0.6	0.79	0.81	0	0	0	0	0	0
11/5/2023 19:11	45003 LIME_2	1	2	1	4	4.2	0.2	0	0	1

Appendix C - Grid Benefits Achieved in Each Instance of Active Management

11/5/2023 19:16	40101 HUNT_T2	1	32	31	0.1	0.3	0.2	-0.82	-0.8	0	0	0	0	0	0
11/5/2023 19:16	53903 HALI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/5/2023 19:16	58402 MORO_T1	0	0	0	0	0	0	-1.56	-1.55	2	2	0	1500	1500	0
11/5/2023 19:18	43301 WATS_T2	0	0	0	0	0	0	-0.66	-0.65	1	1	0	900	900	0
11/5/2023 19:18	43401 BENT_T1	1	1	0	1	0	-1	0	0	0	0	0	0	0	0
11/5/2023 19:29	43402 BENT_T1	0	0	0	0	0	0	-0.96	-0.97	1	1	0	900	900	0
11/5/2023 19:53	65001 NEFF_T2	3	4	1	0.13	0.18	0.05	-1.4	-1.41	1	1	0	1200	1200	0
11/5/2023 20:18	43402 BENT_T1	0	0	0	0	0	0	-0.98	-1.6	1	1	0	900	900	0
11/5/2023 22:29	28604 BLYT_T2	0	1	1	0	0.2	0.2	-1.47	-1.45	0	0	0	0	0	0
11/6/2023 1:28	40101 HUNT_T2	0	0	0	0	0	0	-0.69	-0.68	0	0	0	0	0	0
11/6/2023 1:28	65604 QVIL_T2	0	0	0	0	0	0	0.42	0.4	0	0	0	0	0	0
11/6/2023 1:28	64802 MONE_T2	1	0	-1	0.1	0	-0.1	-0.01	-0.01	0	0	0	0	0	0
11/6/2023 1:28	64101 REFR_T1	0	12	12	0	0.15	0.15	-0.01	-0.01	0	0	0	0	0	0
11/6/2023 1:28	67502 WEWI_T2	0	0	0	0	0	0	-0.67	-0.69	0	0	0	0	0	0
11/6/2023 1:28	52402 GRPA_T2	2	1	-1	1.7	3.7	2	0	0	0	0	0	0	0	0
11/6/2023 1:28	10801 CHHI_T1	0	0	0	0	0	0	-1.09	-1.09	1	1	0	900	900	0
11/6/2023 1:28	15001 BLMO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/6/2023 1:54	57401 SPAN_T1	0	0	0	0	0	0	-1.17	-1.28	1	1	0	600	600	0
11/6/2023 6:08	47403 PENS_T1	1	1	0	1.3	1.6	0.3	0	0	0	0	0	0	0	0
11/6/2023 8:11	65001 NEFF_T2	0	0	0	0	0	0	-0.55	-0.55	1	1	0	1200	1200	0
11/6/2023 8:53	45501 DERR_T2	1	0	-1	0.9	0	-0.9	1.03	0.9	2	2	0	1800	1800	0
11/6/2023 8:55	43402 BENT_T1	0	0	0	0	0	0	-1.35	-1.36	2	2	0	1500	1500	0
11/6/2023 8:56	44502 HAMI_T2	1	1	0	1.9	2	0.1	-0.81	-0.77	0	0	0	0	0	0
11/6/2023 8:56	45502 DERR_T2	1	2	1	0.1	0.7	0.6	0	0	0	0	0	0	0	0
11/6/2023 9:12	46203 DANV_T2	4	0	-4	0.3	0	-0.3	-1.43	-1.45	0	0	0	0	0	0
11/6/2023 9:15	58402 MORO_T1	0	0	0	0	0	0	-1.09	-1.05	2	2	0	1500	1500	0
11/6/2023 9:16	52404 GRPA_T2	0	0	0	0	0	0	0.89	1.26	0	0	0	0	0	0
11/6/2023 9:17	54701 NEBL_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/6/2023 9:18	54701 NEBL_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/6/2023 9:20	58402 MORO_T1	0	0	0	0	0	0	-1.09	-1.05	2	2	0	1500	1500	0
11/6/2023 9:25	54502 ENOL_T2	1	1	0	0.4	0.4	0	-2.05	-2	1	1	0	600	600	0
11/6/2023 9:35	13901 SEID_T1	0	0	0	0	0	0	0.2	0.2	0	0	0	0	0	0
11/6/2023 9:35	55002 NEWP_T1	6	6	0	0.73	0.88	0.15	-0.2	-0.2	0	0	0	0	0	0
11/6/2023 9:40	53601 DALM_T2	1	1	0	0.4	0.3	-0.1	-0.32	-0.3	1	1	0	900	900	0
11/6/2023 9:46	42902 MIDD_T2	2	0	-2	0.4	0	-0.4	-0.31	-0.33	1	1	0	600	600	0
11/6/2023 9:48	42902 MIDD_T2	2	0	-2	0.4	0	-0.4	-0.31	-0.33	1	1	0	600	600	0
11/6/2023 9:51	43001 ALWD_T1	1	1	0	0.3	0.2	-0.1	0	0	0	0	0	0	0	0
11/6/2023 9:53	65902 SAKR_T2	1	0	-1	1.5	0	-1.5	0	0	2	2	0	1200	1200	0
11/6/2023 9:53	43001 ALWD_T1	1	1	0	0.3	0.2	-0.1	0	0	0	0	0	0	0	0
11/6/2023 10:00	20402 ASHF_T2	1	3	2	0.5	0.23	-0.27	0	0	0	0	0	0	0	0
11/6/2023 10:00	53901 HALI_T2	1	4	3	0.4	0.2	-0.2	0	0	0	0	0	0	0	0
11/6/2023 10:00	56501 ROCK_T2	49	137	88	0.27	0.2	-0.07	0	0	0	0	0	0	0	0
11/6/2023 10:00	12602 MACA_T1	0	1	1	0	0	0	0	0	0	0	0	0	0	0
11/6/2023 10:00	67605 WARW_T1	15	17	2	0.39	0.39	0	0	0	0	0	0	0	0	0
11/6/2023 10:00	64802 MONE_T2	86	22	-64	0.38	0.16	-0.22	-0.01	-0.01	0	0	0	0	0	0
11/6/2023 10:00	64802 MONE_T2	86	22	-64	0.38	0.16	-0.22	-0.01	-0.01	0	0	0	0	0	0
11/6/2023 10:00	52503 PROG_T2	0	0	0	0	0	0	-0.73	-0.74	1	1	0	900	900	0
11/6/2023 10:00	56601 HAMP_T1	0	0	0	0	0	0	-0.87	-0.88	0	0	0	0	0	0
11/6/2023 10:07	43001 ALWD_T1	1	1	0	0.2	0.4	0.2	0	0	0	0	0	0	0	0
11/6/2023 10:07	13901 SEID_T1	0	0	0	0	0	0	0.19	0.19	0	0	0	0	0	0
11/6/2023 10:09	40602 PIGR_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/6/2023 10:09	43001 ALWD_T1	1	1	0	0.2	0.4	0.2	0	0	0	0	0	0	0	0
11/6/2023 10:09	45502 DERR_T2	1	1	0	0.4	0.7	0.3	0	0	0	0	0	0	0	0
11/6/2023 10:11	53601 DALM_T2	1	0	-1	0.1	0	-0.1	-0.34	-0.33	1	1	0	900	900	0
11/6/2023 10:12	41801 GOCI_T2	0	2	2	0	0.7	0.7	0	0	0	0	0	0	0	0
11/6/2023 10:12	45501 DERR_T2	0	0	0	0	0	0	1.12	1.09	2	2	0	1800	1800	0
11/6/2023 10:15	41801 GOCI_T2	2	0	-2	0.7	0	-0.7	0	0	0	0	0	0	0	0
11/6/2023 10:16	40101 HUNT_T2	74	110	36	0.4	0.45	0.05	-0.15	-0.09	0	0	0	0	0	0
11/6/2023 10:18	46903 MNTG_T2	0	0	0	0	0	0	0.25	0.27	1	1	0	600	600	0
11/6/2023 10:20	55002 NEWP_T1	6	10	4	0.65	0.92	0.27	-0.23	-0.19	0	0	0	0	0	0
11/6/2023 10:22	49803 UNIV_T1	0	1	1	0	1.1	1.1	0.13	0.12	0	0	0	0	0	0
11/6/2023 10:24	45501 DERR_T2	0	1	1	0	0	0	1.12	1.09	2	2	0	1800	1800	0
11/6/2023 10:25	45502 DERR_T2	1	1	0	0.7	0.4	-0.3	0	0	0	0	0	0	0	0
11/6/2023 10:26	45502 DERR_T2	1	1	0	0.7	0.4	-0.3	0	0	0	0	0	0	0	0
11/6/2023 10:29	43402 BENT_T1	0	0	0	0	0	0	-1.44	-1.45	2	2	0	1500	1500	0
11/6/2023 10:30	42902 MIDD_T2	0	5	5	0	0.28	0.28	-0.31	-0.28	1	1	0	600	600	0
11/6/2023 10:31	52401 GRPA_T2	1	1	0	0.7	0.2	-0.5	0	0	0	0	0	0	0	0
11/6/2023 10:31	43201 MVIL_T2	0	1	1	0	0.3	0.3	0	0	0	0	0	0	0	0
11/6/2023 10:33	58401 MORO_T1	0	2	2	0	0.5	0.5	0	0	0	0	0	0	0	0
11/6/2023 10:33	43202 MVIL_T2	0	0	0	0	0	0	-0.58	-0.58	0	0	0	0	0	0
11/6/2023 10:33	42902 MIDD_T2	0	5	5	0	0.28	0.28	-0.31	-0.28	1	1	0	600	600	0
11/6/2023 10:34	58401 MORO_T1	0	2	2	0	0.5	0.5	0	0	0	0	0	0	0	0
11/6/2023 10:35	65902 SAKR_T2	1	0	-1	0.5	0	-0.5	0	0	2	2	0	1200	1200	0
11/6/2023 10:37	56802 BENV_T2	248	490	242	0.25	0.33	0.08	-2.8	-2.78	0	0	0	0	0	0
11/6/2023 10:38	56802 BENV_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/6/2023 10:39	56802 BENV_T2	248	490	242	0.25	0.33	0.08	-4.2	-4.17	0	0	0	0	0	0
11/6/2023 10:40	10801 CHHI_T1	4	4	0	0.45	0.55	0.1	-0.94	-0.89	1	1	0	900	900	0
11/6/2023 10:42	56802 BENV_T2	248	490	242	0.25	0.33	0.08	-1.39	-1.36	0	0	0	0	0	0
11/6/2023 10:44	40902 JESH_T1	0	0	0	0	0	0	-0.3	-0.35	2	2	0	1200	1200	0
11/6/2023 10:46	54701 NEBL_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/6/2023 10:47	54701 NEBL_T1	0	2	2	0	0.1	0.1	0	0	1	1	0	600	600	0
11/6/2023 10:49	43201 MVIL_T2	1	1	0	0.1	0.3	0.2	-0.33	-0.39	0	0	0	0	0	0
11/6/2023 10:49	64101 REFR_T1	0	0	0	0	0	0	0.06	0.06	0	0	0	0	0	0
11/6/2023 10:50	66902 SHIL_T2	2	8	6	0.15	0.11	-0.04	0	0	0	0	0	0	0	0
11/6/2023 10:50	64101 REFR_T1	0	0	0	0	0	0	0.12	0.12	0	0	0	0	0	0
11/6/2023 10:51	66504 SMAN_T2	1	4	3	0.7	0.25	-0.45	-0.37	-0.32	0	0	0	0	0	0
11/6/2023 10:51	43301 WATS_T2	1	1	0	1.1	1	-0.1	0	0	0	0	0	0	0	0
11/6/2023 10:51	41901 REED_T1	3	3	0	0.27	0.23	-0.04	-1.3	-1.36	1	1	0	900	900	0
11/6/2023 10:51	66502 SMAN_T2	0	2	2	0	0.3	0.3	0	0	1	1	0	900	900	0
11/6/2023 10:51	64101 REFR_T1	0	0	0	0	0	0	0.12	0.12	0	0	0	0	0	0
11/6/2023 10:51	46702 RENO_T1	0	0	0	0	0	0	-0.16	-0.17	0	0	0	0	0	0
11/6/2023 10:52	64101 REFR_T1	0	0	0	0	0	0	0.06	0.06	0	0	0	0	0	0
11/6/2023 10:52	43301 WATS_T2	1	1	0	1.1	1	-0.1	0	0	0	0	0	0	0	0
11/6/2023 10:53	29401 BELT_T1	15	6	-9	0.14	0.12	-0.02	0	0	0	0	0	0	0	0
11/6/2023 10:54	29401 BELT_T1	15	6	-9	0.14	0.12	-0.02	0	0	0	0	0	0	0	0
11/6/2023 10:54	57403 SPAN_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/6/2023 10:56	53501 EVIL_T2	3	9	6	0.57	0.41	-0.16	-0.22	-0.26	2	2	0	1200	1200	0
11/6/2023 10:57	53501 EVIL_T2	3	9	6	0.57	0.41	-0.16	-0.22	-0.26	2	2	0	1200	1200	0
11/6/2023 10:58	53501 EVIL_T2	3	9	6	0.57	0.41	-0.16	-0.22	-0.26	2	2	0	1200	1200	0
11/6/2023 10:59	53501 EVIL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/6/2023 11:01	42001 MNVL_T2	0	0	0	0	0	0	-0.02	-0.01	0	0	0	0	0	0
11/6/2023 11:02	42903 MIDD_T2	2	0	-2	0.4	0	-0.4	0	0	0	0	0	0	0	0
11/6/2023 11:02	54701 NEBL_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/6/2023 11:02	55002 NEWP_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/6/2023 11:03	54701 NEBL_T1	2	2	0	0.1	0.1	0	0	0	1	1	0	600	600	0
11/6/2023 11:04	55002 NEWP_T1	8	12	4	0.9	0.95	0.05	-0.19	-0.19	0	0	0	0	0	0
11/6/2023 11:05	66505 SMAN_T2	0	0	0	0	0	0	0	0	2	2	0	1100	1100	0
11/6/2023 11:05	55002 NEWP_T1	8	12	4	0.9	0.95	0.05	-0.19	-0.19	0	0	0	0	0	0
11/6/2023 11:05	54701 NEBL_T1	2	2	0	0.1	0.1	0	0	0	1	1	0	600	600	0
11/6/2023 11:06	55002 NEWP_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/6/2023 11:06	56504 ROCK_T2	1	2	1	0.1	0.2	0.1	0	0	0	0	0	0	0	0
11/6/2023 11:07	42201 SHEN_T2	1	1	0	0.6	0.8	0.2	-0.15	-0.16	1	1	0	600	600	0
11/6/2023 11:07	43001 ALWD_T1	2	3	1	0.45	0.6	0.15	0	0	0	0	0	0	0	0
11/6/2023 11:07	29401 BELT_T1	4	72	68	0.1	0.24	0.14	0	0	1	1	0	900	900	0
11/6/2023 11:07	56501 ROCK_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/6/2023 11:08	43301 WATS_T2	1	1	0	1	1.1	0.1	0	0	0	0	0	0	0	0
11/6/2023 11:08	15001 BLMO_T1	0	1	1	0	0.2	0.2	0	0	0	0	0	0	0	0
11/6/2023 11:08	56802 BENV_T2	484	439	-45	0.33	0.29	-0.04	-1.36	-1.4	0	0	0	0	0	0
11/6/2023 11:09	56802 BENV_T2	484	439	-45	0.33	0.29	-0.04	-2.72	-2.8	0	0	0	0	0	0
11/6/2023 11:09	15001 BLMO_T1	0	1	1	0	0.2	0.2	0	0	0	0	0	0	0	0
11/6/2023 11:10	43001 ALWD_T1	2	3	1	0.45	0.6	0.15	0	0	0	0	0	0	0	0
11/6/2023 11:10	54505 ENOL_T2	1	1	0	1.2	1.3	0.1	0	0	0	0	0	0	0	0
11/6/2023 11:10	29401 BELT_T1	4	72	68	0.1	0.24	0.14	0	0	1	1	0	900	900	0
11/6/2023 11:10	56802 BENV_T2	484	439	-45	0.33	0.29	-0.04	-2.72	-2.8	0	0	0	0	0	0
11/6/2023 11:10	20403 ASHF_T2	0	16	16	0	0.43	0.43	2.48	2.48	0	0	0	0	0	0
11/6/2023 11:11	43402 BENT_T1	1	2	1	0.1	0.3	0.2	-0.76	-1.39	1	2	1	900	1500	600
11/6/2023 11:11	15001 BLMO_T1	0	1	1	0	0.2	0.2	0	0	0	0	0	0	0	0
11/6/2023 11:11	54501 ENOL_T2	4	4	0	0.4	0.43	0.03	-0.57	-0.57	1	1	0	600	600	0
11/6/2023 11:11	45502 DERR_T2	1	1	0	0.1	0	-0.1	0	0	0	0	0	0	0	0
11/6/2023 11:12	54501 ENOL_T2	4	4	0	0.4	0.43	0.03	-0.57	-0.57	1	1	0	600	600	0
11/6/2023 11:13	54504 ENOL_T2	1	1	0	0.5	0.8	0.3	-1.1	-1.1	1	1	0	600	600	0
11/6/2023 11:15	65003 NEFF_T2	4	7	3	0.33	0.37	0.04	0	0	0	0	0	0	0	0
11/6/2023 11:15	26401 INOR_T1	0	1	1	0	0.2	0.2	0	0	0	0	0	0	0	0
11/6/2023 11:16	28403 HART_T2	0	0	0	0	0	0	-0.84	-0.87	1	1	0	900	900	0
11/6/2023 11:16	26401 INOR_T1	0	1	1	0	0.2	0.2	0.41	0.33	0	0	0	0	0	0
11/6/2023 11:18	46301 ROHR_T1	3	0	-3	0.23	0	-0.23	0	0	0	0	0	0	0	0
11/6/2023 11:19	46301 ROHR_T1	3	0	-3	0.23	0	-0.23	0	0	0	0	0	0	0	0
11/6/2023 11:20	55002 NEWP_T1	11	14	3	0.92	0.94	0.02	-0.19	-0.21	0	0	0	0	0	0
11/6/2023 11:20	57403 SPAN_T1	182	185	3	0.56	0.68	0.12	0	0	0	0	0	0	0	0
11/6/2023 11:21	40602 PIGR_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/6/2023 11:21	14401 SSLA_T1	0	1	1	0	1	1	0	0	0	0	0	0	0	0
11/6/2023 11:21	43301 WATS_T2	1	1	0	0.9	1.1	0.2	0	0	0	0	0	0	0	0
11/6/2023 11:22	57401 SPAN_T1	138	115	-23	0.28	0.3	0.02	-2.24	-2.25	2	2	0	1200	1200	0
11/6/2023 11:23	43001 ALWD_T1	3	3	0	0.47	0.53	0.06	0	0	0	0	0	0	0	0
11/6/2023 11:23	29401 BELT_T1	4	72	68	0.13	0.24	0.11	0	0	1	0	-1	900	0	-900
11/6/2023 11:23	57403 SPAN_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/6/2023 11:24	67503 WEWI_T2	0	2	2	0	0.15	0.15	0	0	0	0	0	0	0	0
11/6/2023 11:24	57403 SPAN_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/6/2023 11:24	28604 BLYT_T2	0	0	0	0	0	0	-1.4	-1.4	0	0	0	0	0	0
11/6/2023 11:24	46203 DANV_T2	1	1	0	0.5	0.3	-0.2	-1.48	-1.48	0	0	0	0	0	0
11/6/2023 11:25	43301 WATS_T2	1	1	0	0.9	1.1	0.2	0	0	0	0	0	0	0	0
11/6/2023 11:25	43001 ALWD_T1	3	3	0	0.47	0.53	0.06	0	0	0	0	0	0	0	0
11/6/2023 11:25	67503 WEWI_T2	0	2	2	0	0.15	0.15	0	0	0	0	0	0	0	0
11/6/2023 11:25	28604 BLYT_T2	0	0	0	0	0	0	-1.4	-1.4	0	0	0	0	0	0
11/6/2023 11:26	61802 EEU_T2	1	1	0	0.1	0.1	0	0	0	0	0	0	0	0	0
11/6/2023 11:26	54505 ENOL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/6/2023 11:27	52403 GRPA_T2	8	11	3	0.48	0.62	0.14	0.01	0	0	0	0	0	0	0
11/6/2023 11:27	54501 ENOL_T2	4	4	0	0.43	0.3	-0.13	-1.14	-1.18	2	2	0	1200	1200	0
11/6/2023 11:27	53901 HALI_T2	7	69	62	0.19	0.19	0	0	0	0	0	0	0	0	0
11/6/2023 11:27	67503 WEWI_T2	5	13	8	0.5	0.42	-0.08	-0.21	-0.22	0	0	0	0	0	0
11/6/2023 11:27	43402 BENT_T1	2	0	-2	0.3	0	-0.3	-1.39	-1.37	2	2	0	1500	1500	0
11/6/2023 11:28	46203 DANV_T2	1	1	0	0.5	0.3	-0.2	-1.48	-1.52	0	0	0	0	0	0
11/6/2023 11:28	56504 ROCK_T2	2	1	-1	0.2	0.3	0.1	0	0	0	0	0	0	0	0
11/6/2023 11:29	47101 MARL_T1	0	1	1	0	0	0	-5.58	-5.52	3	3	0	1800	1800	0
11/6/2023 11:29	43402 BENT_T1	2	0	-2	0.3	0	-0.3	-1.39	-1.37	2	2	0	1500	1500	0
11/6/2023 11:32	42903 MIDD_T2	0	2	2	0	0.65	0.65	0	0	0	0	0	0	0	0
11/6/2023 11:32	40902 JESH_T1	0	0	0	0	0	0	-0.4	-0.32	2	2	0	1200	1200	0
11/6/2023 11:33	53901 HALI_T2	48	64	16	0.18	0.19	0.01	0	0	0	0	0	0	0	0
11/6/2023 11:33	56501 ROCK_T2	140	202	62	0.24	0.26	0.02	-1.6	-1.64	0	0	0	0	0	0
11/6/2023 11:33	47101 MARL_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/6/2023 11:34	47101 MARL_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/6/2023 11:35	43301 WATS_T2	1	1	0	1.1	0.8	-0.3	-0.61	-0.63	1	1	0	900	900	0
11/6/2023 11:35	59102 WALK_T2	2	4	2	0.3	0.55	0.25	0	0	0	0	0	0	0	0
11/6/2023 11:35	56504 ROCK_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/6/2023 11:36	43301 WATS_T2	1	1	0	1.1	0.8	-0.3	-0.61	-0.63	1	1	0	900	900	0
11/6/2023 11:36	67605 WARW_T1	24	22	-2	0.39	0.47	0.08	-1.28	-1.15	0	0	0	0	0	0
11/6/2023 11:37	16302 ALPA_T2	0	0	0	0	0	0	0.64	0.67	0	0	0	0	0	0
11/6/2023 11:37	56504 ROCK_T2	1	3	2	0.3	0.27	-0.03	-0.36	-0.35	0	0	0	0	0	0
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11/6/2023 11:53	46004 BERW_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/6/2023 11:53	60201 ATGL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/6/2023 11:53	17802 GLB_T1	3	7	4	0.97	0.64	-0.33	0.06	0.03	0	0	0	0	0	0
11/6/2023 11:53	57403 SPAN_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/6/2023 11:53	44601 SALE_T2	0	0	0	0	0	0	0.03	0.8	1	1	0	600	600	0
11/6/2023 11:54	29402 BELT_T1	3	2	-1	3	4.15	1.15	0	0	0	0	0	0	0	0
11/6/2023 11:54	15001 BLMO_T1	2	3	1	0.45	0.43	-0.02	0	0	0	0	0	0	0	0
11/6/2023 11:54	57401 SPAN_T1	106	206	100	0.3	0.3	0	0	0	0	0	0	0	0	0
11/6/2023 11:54	29401 BELT_T1	1	1	0	0.1	0.3	0.2	0	0	0	0	0	0	0	0
11/6/2023 11:55	67503 WEWI_T2	2	2	0	0.15	0.25	0.1	-0.59	-0.6	0	0	0	0	0	0
11/6/2023 11:56	54502 ENOL_T2	1	4	3	0.2	0.2	0	0	0	0	0	0	0	0	0
11/6/2023 11:56	64802 MONE_T2	12	22	10	0.27	0.25	-0.02	-0.01	-0.01	0	0	0	0	0	0
11/6/2023 11:56	10805 CHNI_T2	6	1	-5	1.62	7.9	6.28	-1.05	-1.14	1	1	0	600	600	0
11/6/2023 11:57	54505 ENOL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/6/2023 11:57	46203 DANV_T2	1	1	0	0.3	0.1	-0.2	0	0	0	0	0	0	0	0
11/6/2023 11:57	28403 HART_T2	0	0	0	0	0	0	-0.83	-0.84	1	1	0	900	900	0
11/6/2023 11:57	22101 EDEL_T2	0	0	0	0	0	0	0.4	0.41	1	1	0	1200	1200	0
11/6/2023 11:57	64802 MONE_T2	12	22	10	0.27	0.25	-0.02	-0.01	-0.01	0	0	0	0	0	0
11/6/2023 11:58	54504 ENOL_T2	1	1	0	0.5	0.6	0.1	0	0	0	0	0	0	0	0
11/6/2023 11:59	54504 ENOL_T2	1	1	0	0.5	0.6	0.1	0	0	0	0	0	0	0	0
11/6/2023 11:59	64903 MILL_T2	1	1	0	0.6	0.7	0.1	0	0	0	0	0	0	0	0
11/6/2023 12:00	52004 LING_T2	8	30	22	0.7	0.34	-0.36	0.21	0.14	0	0	0	0	0	0
11/6/2023 12:00	54505 ENOL_T2	1	1	0	1.2	1.3	0.1	0	0	0	0	0	0	0	0
11/6/2023 12:00	45702 LIND_T2	1	2	1	2.1	1.05	-1.05	-0.53	-0.54	0	0	0	0	0	0
11/6/2023 12:00	47802 MOCA_T2	0	1	1	0	0.2	0.2	-0.95	-1.04	0	0	0	0	0	0
11/6/2023 12:01	40101 HUNT_T2	25	16	-9	0.52	0.63	0.11	-0.23	-0.22	0	0	0	0	0	0
11/6/2023 12:02	58401 MORO_T1	5	8	3	0.46	0.43	-0.03	-1.02	-0.91	1	1	0	600	600	0
11/6/2023 12:02	54701 NEBL_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/6/2023 12:02	40101 HUNT_T2	25	16	-9	0.52	0.63	0.11	-0.23	-0.22	0	0	0	0	0	0
11/6/2023 12:03	52403 GRPA_T2	8	9	1	0.73	0.53	-0.2	0.02	0	0	0	0	0	0	0
11/6/2023 12:03	60701 BREC_T1	0	0	0	0	0	0	-0.22	-0.06	1	1	0	600	600	0
11/6/2023 12:03	65601 QVIL_T2	2	4	2	0.35	0.3	-0.05	0	0	0	0	0	0	0	0
11/6/2023 12:03	13302 ORVI_T2	4	2	-2	0.28	0.2	-0.08	1.02	1	0	0	0	0	0	0
11/6/2023 12:03	23301 JEFF_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/6/2023 12:04	66503 SMAN_T2	7	0	-7	0.1	0	-0.1	0	0	0	0	0	0	0	0
11/6/2023 12:04	58401 MORO_T1	5	8	3	0.46	0.43	-0.03	-1.02	-0.91	1	1	0	600	600	0
11/6/2023 12:04	57403 SPAN_T1	184	161	-23	0.69	0.36	-0.33	0	0	0	0	0	0	0	0
11/6/2023 12:04	42201 SHEN_T2	0	3	3	0	0.67	0.67	-0.01	-0.01	1	1	0	600	600	0
11/6/2023 12:04	56503 ROCK_T2	1	1	0	0.1	0.1	0	0	0	0	0	0	0	0	0
11/6/2023 12:05	56501 ROCK_T2	193	276	83	0.26	0.28	0.02	-3.31	-3.28	0	0	0	0	0	0
11/6/2023 12:05	56501 ROCK_T2	193	276	83	0.26	0.28	0.02	-3.31	-3.28	0	0	0	0	0	0
11/6/2023 12:05	66502 SMAN_T2	3	1	-2	0.37	0.1	-0.27	0	0	2	2	0	1800	1800	0
11/6/2023 12:05	65604 QVIL_T2	0	0	0	0	0	0	0.36	0.34	0	0	0	0	0	0
11/6/2023 12:05	66504 SMAN_T2	7	1	-6	0.33	0.7	0.37	0	0	0	0	0	0	0	0
11/6/2023 12:05	67002 STHI_T2	163	266	103	0.2	0.19	-0.01	0.67	0.64	0	0	0	0	0	0
11/6/2023 12:05	67203 TEHI_T1	0	0	0	0	0	0	2.16	2.73	1	1	0	600	600	0
11/6/2023 12:05	59101 WALK_T2	1	1	0	0	0	0	2.16	1.89	0	0	0	0	0	0
11/6/2023 12:06	66501 SMAN_T2	2	2	0	0.55	0.5	-0.05	0	0	0	0	0	0	0	0
11/6/2023 12:06	57401 SPAN_T1	160	196	36	0.3	0.29	-0.01	-1.13	-1.14	1	1	0	600	600	0
11/6/2023 12:06	49803 UNIV_T1	1	1	0	0.4	0.8	0.4	-1.24	-1.21	0	0	0	0	0	0
11/6/2023 12:06	67002 STHI_T2	163	266	103	0.2	0.19	-0.01	0.67	0.64	0	0	0	0	0	0
11/6/2023 12:06	11401 FARM_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/6/2023 12:07	56501 ROCK_T2	193	276	83	0.26	0.28	0.02	-1.65	-1.64	0	0	0	0	0	0
11/6/2023 12:07	43301 WATS_T2	1	1	0	0.8	1	0.2	0	0	0	0	0	0	0	0
11/6/2023 12:07	57403 SPAN_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/6/2023 12:07	67502 WEWI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/6/2023 12:07	66504 SMAN_T2	7	1	-6	0.33	0.7	0.37	0	0	0	0	0	0	0	0
11/6/2023 12:07	13302 ORVI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/6/2023 12:07	67001 STHI_T2	586	604	18	0.25	0.28	0.03	0	0	0	0	0	0	0	0
11/6/2023 12:07	52501 PROG_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/6/2023 12:07	42201 SHEN_T2	0	3	3	0	0.67	0.67	-0.01	-0.01	1	1	0	600	600	0
11/6/2023 12:08	43301 WATS_T2	1	1	0	0.8	1	0.2	0	0	0	0	0	0	0	0
11/6/2023 12:08	66504 SMAN_T2	7	1	-6	0.33	0.7	0.37	0	0	0	0	0	0	0	0
11/6/2023 12:08	67002 STHI_T2	163	266	103	0.2	0.19	-0.01	1.34	1.28	0	0	0	0	0	0
11/6/2023 12:08	66902 SHIL_T2	40	78	38	0.13	0.12	-0.01	0	0	0	0	0	0	0	0
11/6/2023 12:08	56803 BENV_T1	4	5	1	0.53	1.2	0.67	0	0	0	0	0	0	0	0
11/6/2023 12:08	45402 WILO_T2	1	1	0	0.2	0.3	0.1	-0.63	-0.63	0	0	0	0	0	0
11/6/2023 12:09	60803 BUCK_T1	2	24	22	0.35	0.31	-0.04	-0.9	-0.97	1	1	0	600	600	0
11/6/2023 12:09	56801 BENV_T1	36	41	5	0.64	0.67	0.03	-0.48	-0.51	0	0	0	0	0	0
11/6/2023 12:09	67502 WEWI_T2	45	76	31	0.26	0.24	-0.02	-0.26	-0.28	0	0	0	0	0	0
11/6/2023 12:09	61103 BERK_T5	0	0	0	0	0	0	0.52	0.66	0	0	0	0	0	0
11/6/2023 12:09	15103 UPHA_T2	2	2	0	0.55	0.6	0.05	0.36	0.35	0	0	0	0	0	0
11/6/2023 12:10	54504 ENOL_T2	1	1	0	0.5	0.6	0.1	0	0	0	0	0	0	0	0
11/6/2023 12:10	67502 WEWI_T2	45	76	31	0.26	0.24	-0.02	-0.26	-0.28	0	0	0	0	0	0
11/6/2023 12:10	54505 ENOL_T2	1	1	0	1.2	1.3	0.1	-1.37	-1.4	1	1	0	600	600	0
11/6/2023 12:10	10805 CHNI_T2	1	1	0	8.2	7.9	-0.3	-1.05	-1.14	1	1	0	600	600	0
11/6/2023 12:10	61101 BERK_T5	0	0	0	0.4	0.4	0	0	0	0	0	0	0	0	0
11/6/2023 12:10	59102 WALK_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/6/2023 12:10	60803 BUCK_T1	2	24	22	0.35	0.31	-0.04	-0.9	-0.97	1	1	0	600	600	0
11/6/2023 12:10	67502 WEWI_T2	45	76	31	0.26	0.24	-0.02	-0.26	-0.28	0	0	0	0	0	0
11/6/2023 12:10	57403 SPAN_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/6/2023 12:11	54501 ENOL_T2	4	4	0	0.4	0.43	0.03	0	0	0	0	0	0	0	0
11/6/2023 12:11	56801 BENV_T1	36	41	5	0.64	0.67	0.03	-0.51	-0.51	0	0	0	0	0	0
11/6/2023 12:11	61304 EARL_T1	2	2	0	0.35	0.3	-0.05	0	0	0	0	0	0	0	0
11/6/2023 12:11	21606 EYNO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/6/2023 12:12	56504 ROCK_T2	3	3	0	0.27	0.2	-0.07	-0.35	-0.36	0	0	0	0	0	0
11/6/2023 12:12	54503 ENOL_T2	1	4	3	0.1	0.2	0.1	0	0	0	0	0	0	0	0
11/6/2023 12:12	56803 BENV_T1	4	5	1	0.53	1.2	0.67	0	0	0	0	0	0	0	0
11/6/2023 12:12	54503 ENOL_T2	0	0	0	0	0	0	-0.39	-0.42	1	1	0	600	600	0
11/6/2023 12:12	42701 AUGU_T1	1	1	0	0.1	0.2	0.1	0	0	0	0	0	0	0	0
11/6/2023 12:13	54504 ENOL_T2	1	1	0	0.5	0.6	0.1	0	0	0	0	0	0	0	0
11/6/2023 12:13	61303 EARL_T1	0	0	0	0	0	0	0.57	0.53	0	0	0	0	0	0
11/6/2023 12:13	52401 GRPA_T2	2	1	-1	0.6	0.8	0.2	0	0	0	0	0	0	0	0
11/6/2023 12:14	54502 ENOL_T2	1	4	3	0.1	0.2	0.1	0	0	0	0	0	0	0	0
11/6/2023 12:14	54503 ENOL_T2	0	0	0	0	0	0	-0.78	-0.84	2	2	0	1200	1200	0
11/6/2023 12:14	52401 GRPA_T2	2	1	-1	0.6	0.8	0.2	0	0	0	0	0	0	0	0
11/6/2023 12:15	53901 HALI_T2	2	3	1	0.3	0.23	-0.07	0	0	0	0	0	0	0	0
11/6/2023 12:15	47101 MARL_T1	0	0	0	0	0	0	-1.81	-1.86	1	1	0	600	600	0
11/6/2023 12:15	41801 GOCI_T2	2	6	4	0.5	0.57	0.07	0	0	0	0	0	0	0	0
11/6/2023 12:16	63802 HEMP_T1	3	2	-1	0.23	0.15	-0.08	-0.46	-0.5	0	0	0	0	0	0
11/6/2023 12:17	47101 MARL_T1	0	0	0	0	0	0	-7.24	-7.44	4	4	0	2400	2400	0
11/6/2023 12:17	52402 GRPA_T2	16	26	10	0.6	0.51	-0.09	0	0	0	0	0	0	0	0
11/6/2023 12:18	47101 MARL_T1	0	0	0	0	0	0	-1.81	-1.86	1	1	0	600	600	0
11/6/2023 12:19	51201 MTON_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/6/2023 12:19	67001 STHI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/6/2023 12:19	66504 SMAN_T2	1	1	0	0.2	0.7	0.5	-0.4	-0.37	0	0	0	0	0	0
11/6/2023 12:19	66903 SHIL_T2	3	1	-2	0.17	0.4	0.23	0	0	0	0	0	0	0	0
11/6/2023 12:20	47101 MARL_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/6/2023 12:20	15103 UPHA_T2	2	2	0	0.6	0.45	-0.15	0.35	0.34	0	0	0	0	0	0
11/6/2023 12:20	57403 SPAN_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/6/2023 12:20	42201 SHEN_T2	1	3	2	0.7	0.67	-0.03	-0.01	-0.2	1	1	0	600	600	0
11/6/2023 12:21	47101 MARL_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/6/2023 12:21	67001 STHI_T2	602	565	-37	0.28	0.2	-0.08	0.05	0.05	0	0	0	0	0	0
11/6/2023 12:22	59102 WALK_T2	5	3	-2	0.52	0.3	-0.22	0	0	0	0	0	0	0	0
11/6/2023 12:22	66703 STRA_T1	5	52	47	0.22	0.22	0	-0.15	-0.2	0	0	0	0	0	0
11/6/2023 12:23	29402 BELT_T1	1	1	0	7.5	7.5	0	0	0	0	0	0	0	0	0
11/6/2023 12:23	67001 STHI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/6/2023 12:25	59102 WALK_T2	5	3	-2	0.52	0.3	-0.22	0	0	0	0	0	0	0	0
11/6/2023 12:27	43402 BENT_T1	0	0	0	0	0	0	-1.36	-1.38	2	2	0	1500	1500	0
11/6/2023 12:28	45802 HEGI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/6/2023 12:29	43402 BENT_T1	0	0	0	0	0	0	-1.36	-1.38	2	2	0	1500	1500	0
11/6/2023 12:29	26401 INOR_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/6/2023 12:29	46903 MNTG_T2	15	21	6	0.15	0.15	0	0.11	0.14	1	1	0	600	600	0
11/6/2023 12:30	42903 MIDD_T2	0	1	1	0	0	0	0	0	0	0	0	0	0	0
11/6/2023 12:31	42903 MIDD_T2	0	1	1	0	0	0	0	0	0	0	0	0	0	0
11/6/2023 12:32	13105 NHAM_T2	0	0	0	0	0	0	-0.31	-0.33	1	1	0	1200	1200	0
11/6/2023 12:32	45802 HEGI_T2	0	0	0	0	0	0	0.83	0.93	0	0	0	0	0	0
11/6/2023 12:33	58402 MORO_T1	1	1	0	0.1	0.1	0	-1.18	-1.18	2	2	0	1500	1500	0
11/6/2023 12:34	58401 MORO_T1	6	4	-2	0.52	0.7	0.18	-1.9	-1.84	2	2	0	1200	1200	0
11/6/2023 12:34	64101 REFR_T1	0	1	1	0	0.2	0.2	0.04	-0.01	0	0	0	0	0	0
11/6/2023 12:34	42902 MIDD_T2	0	0	0	0	0	0	0.1	-0.37	0	0	0	0	0	0
11/6/2023 12:34	67001 STHI_T2	546	535	-11	0.2	0.17	-0.03	0	0	0	0	0	0	0	0
11/6/2023 12:34	56504 ROCK_T2	3	4	1	0.2	0.2	0	-0.36	-0.18	0	0	0	0	0	0
11/6/2023 12:34	58401 MORO_T1	6	4	-2	0.52	0.7	0.18	-1.9	-1.84	2	2	0	1200	1200	0
11/6/2023 12:35	46702 RENO_T1	0	0	0	0	0	0	-0.14	-0.17	0	0	0	0	0	0
11/6/2023 12:35	65901 SARR_T2	1	1	0	9	8.4	-0.6	0	0	0	0	0	0	0	0
11/6/2023 12:35	65603 QVIL_T2	1	1	0	6.8	7.4	0.6	0	0	0	0	0	0	0	0
11/6/2023 12:35	58401 MORO_T1	6	4	-2	0.52	0.7	0.18	0	0	0	0	0	0	0	0
11/6/2023 12:35	64101 REFR_T1	0	1	1	0	0.2	0.2	0.07	-0.01	0	0	0	0	0	0
11/6/2023 12:35	56504 ROCK_T2	3	4	1	0.2	0.2	0	0	0	0	0	0	0	0	0
11/6/2023 12:36	67201 TEHI_T1	2	1	-1	0.45	0.1	-0.35	0	0	0	0	0	0	0	0
11/6/2023 12:36	67002 STHI_T2	95	65	-30	0.21	0.3	0.09	0.64	0.63	0	0	0	0	0	0
11/6/2023 12:36	56504 ROCK_T2	3	4	1	0.2	0.2	0	0	0	0	0	0	0	0	0
11/6/2023 12:37	56501 ROCK_T2	169	319	150	0.23	0.25	0.02	-1.61	-1.6	0	0	0	0	0	0
11/6/2023 12:37	16302 ALPA_T2	0	0	0	0	0	0	1.14	1.16	0	0	0	0	0	0
11/6/2023 12:37	56501 ROCK_T2	169	319	150	0.23	0.25	0.02	-1.61	-1.6	0	0	0	0	0	0
11/6/2023 12:37	67001 STHI_T2	546	535	-11	0.2	0.17	-0.03	0	0	0	0	0	0	0	0
11/6/2023 12:37	64101 REFR_T1	0	1	1	0	0.2	0.2	0.11	-0.02	0	0	0	0	0	0
11/6/2023 12:37	59102 WALK_T2	3	3	0	0.3	0.23	-0.07	0	0	0	0	0	0	0	0
11/6/2023 12:37	65601 QVIL_T2	3	1	-2	0.3	0.5	0.2	0	0	0	0	0	0	0	0
11/6/2023 12:38	16301 ALPA_T1	12	3	-9	0.29	0.23	-0.06	-0.45	-0.44	0	0	0	0	0	0
11/6/2023 12:38	56501 ROCK_T2	169	319	150	0.23	0.25	0.02	-1.61	-1.6	0	0	0	0	0	0
11/6/2023 12:38	56501 ROCK_T2	169	319	150	0.23	0.25	0.02	-1.61	-1.6	0	0	0	0	0	0
11/6/2023 12:38	67605 WARW_T1	18	15	-3	0.42	0.31	-0.11	-1.12	-1.11	0	0	0	0	0	0
11/6/2023 12:39	13901 SEID_T1	0	0	0	0	0	0	0.16	0.16	0	0	0	0	0	0
11/6/2023 12:40	60803 BUCK_T1	22	16	-6	0.3	0.27	-0.03	-1.92	-1.9	2	2	0	1200	1200	0
11/6/2023 12:40	59101 WALK_T2	3	3	0	0.3	0.23	-0.07	0	0	0	0	0	0	0	0
11/6/2023 12:40	60803 BUCK_T1	22	16	-6	0.3	0.27	-0.03	-1.92	-1.9	2	2	0	1200	1200	0
11/6/2023 12:40	60201 ATGL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/6/2023 12:41	16302 ALPA_T2	0	0	0	0	0	0	0.58	0.57	0	0	0	0	0	0
11/6/2023 12:41	16301 ALPA_T1	12	3	-9	0.29	0.23	-0.06	-1.32	-1.38	0	0	0	0	0	0
11/6/2023 12:41	41801 GOCI_T2	6	2	-4	0.57	0.55	-0.02	0	0	0	0	0	0	0	0
11/6/2023 12:42	63802 HEMP_T1	2	1	-1	0.15	0.1	-0.05	-0.9	-0.9	0	0	0	0	0	0
11/6/2023 12:42	41801 GOCI_T2	6	2	-4	0.57	0.55	-0.02	0	0	0	0	0	0	0	0
11/6/2023 12:43	64702 LITI_T2	0	0	0	0	0	0	-0.68	-0.74	0	0	0	0	0	0
11/6/2023 12:43	52401 GRPA_T2	1	2	1	0.8	0.6	-0.2	0	0	0	0	0	0	0	0
11/6/2023 12:43	40101 HUNT_T2	6	3	-3	0.63	0.15	-0.48	-0.44	-0.42	0	0	0	0	0	0
11/6/2023 12:44	41801 GOCI_T2	6	2	-4	0.57	0.55	-0.02	0	0	0	0	0	0	0	0
11/6/2023 12:44	59301 MCAL_T1	6	6	0	0.78	0.68	-0.1	-1.62	-1.62	1	1	0	600	600	0
11/6/2023 12:44	63802 HEMP_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/6/2023 12:44	40101 HUNT_T2	6	3	-3	0.63	0.15	-0.48	-0.44	-0.42	0	0	0	0	0	0
11/6/2023 12:45	52401 GRPA_T2	2	1	-1	0.6	1	0.4	0	0	0	0	0	0	0	0
11/6/2023 12:45	46903 MNTG_T2	1	1	0	0.4	0.4	0	0.14	0.12	1	1	0	600	600	0
11/6/2023 12:46	58402 MORO_T1	1	0	-1	0.1	0	-0.1	-1.18	-1.16	2	2	0	1500	1500	0
11/6/2023 12:46	52403 GRPA_T2	6	9	3	0.57	0.4	-0.17	0	0	0	0	0	0	0	0
11/6/2023 12:46	58401 MORO_T1	4	6	2	0.63	0.48	-0.15	-0.92	-0.95	1	1	0	600	600	0
11/6/2023 12:46	42902 MIDD_T2	0	0	0	0	0	0	-0.75	-0.85	0	2	2	0

11/6/2023 12:58	46203 DANV_T2	0	2	2	0	1	1	-1.44	-1.4	0	0	0	0	0	0
11/6/2023 12:58	46602 LACR_T1	0	0	0	0	0	0	-0.25	-0.22	0	0	0	0	0	0
11/6/2023 12:58	45501 DERR_T2	0	0	0	0	0	0	0.84	0.85	2	2	0	1800	1800	0
11/6/2023 12:59	52401 GRPA_T2	2	1	-1	0.6	1	0.4	-0.55	-0.54	0	0	0	0	0	0
11/6/2023 12:59	52403 GRPA_T2	6	9	3	0.57	0.4	-0.17	0	0	0	0	0	0	0	0
11/6/2023 13:00	42902 MIDD_T2	0	1	1	0	0.7	0.7	-0.43	-0.3	1	1	0	600	600	0
11/6/2023 13:00	52402 GRPA_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/6/2023 13:00	47101 MARL_T1	0	0	0	0	0	0	-3.72	-3.76	2	2	0	1200	1200	0
11/6/2023 13:01	46903 MNTG_T2	1	1	0	0.2	0.4	0.2	0.12	0.15	1	1	0	600	600	0
11/6/2023 13:01	52403 GRPA_T2	9	3	-6	0.4	0.67	0.27	0	0	0	0	0	0	0	0
11/6/2023 13:01	52401 GRPA_T2	1	1	0	1	0.8	-0.2	0	0	0	0	0	0	0	0
11/6/2023 13:01	42902 MIDD_T2	0	1	1	0	0.7	0.7	-0.43	-0.3	1	1	0	600	600	0
11/6/2023 13:01	63802 HEMP_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/6/2023 13:02	47101 MARL_T1	0	0	0	0	0	0	-1.86	-1.88	1	1	0	600	600	0
11/6/2023 13:02	52403 GRPA_T2	9	3	-6	0.4	0.67	0.27	0	0	0	0	0	0	0	0
11/6/2023 13:02	58401 MORO_T1	4	7	3	0.68	0.47	-0.21	-0.95	-0.91	1	1	0	600	600	0
11/6/2023 13:02	42902 MIDD_T2	0	1	1	0	0.7	0.7	-0.43	-0.3	1	1	0	600	600	0
11/6/2023 13:03	54202 PENN_T2	0	1	1	0	0.1	0.1	0	0	0	0	0	0	0	0
11/6/2023 13:03	65604 QVIL_T2	0	0	0	0	0	0	0.32	0.29	0	0	0	0	0	0
11/6/2023 13:03	42902 MIDD_T2	0	1	1	0	0.7	0.7	-0.43	-0.3	1	1	0	600	600	0
11/6/2023 13:03	47101 MARL_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/6/2023 13:03	58401 MORO_T1	4	7	3	0.68	0.47	-0.21	0	0	0	0	0	0	0	0
11/6/2023 13:04	47101 MARL_T1	0	0	0	0	0	0	-3.72	-3.76	2	2	0	1200	1200	0
11/6/2023 13:04	13105 NHAM_T2	0	0	0	0	0	0	-0.31	-0.34	1	1	0	1200	1200	0
11/6/2023 13:05	58401 MORO_T1	4	7	3	0.68	0.47	-0.21	-0.95	-0.91	1	1	0	600	600	0
11/6/2023 13:05	58402 MORO_T1	0	0	0	0	0	0	-1.16	-1.15	2	2	0	1500	1500	0
11/6/2023 13:05	47101 MARL_T1	0	0	0	0	0	0	-1.86	-1.88	1	1	0	600	600	0
11/6/2023 13:06	58401 MORO_T1	4	7	3	0.68	0.47	-0.21	0	0	0	0	0	0	0	0
11/6/2023 13:07	65601 QVIL_T2	1	1	0	0.5	0.4	-0.1	0	0	0	0	0	0	0	0
11/6/2023 13:07	60201 ATGL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/6/2023 13:07	60801 BUCK_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/6/2023 13:07	43401 BENT_T1	2	0	-2	0.15	0	-0.15	0	0	0	0	0	0	0	0
11/6/2023 13:08	67401 WAKE_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/6/2023 13:08	29401 BELT_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/6/2023 13:09	60201 ATGL_T2	0	0	0	0	0	0	0.36	0.47	0	0	0	0	0	0
11/6/2023 13:10	60803 BUCK_T1	11	1	-10	0.18	0.2	0.02	-0.96	-0.96	1	1	0	600	600	0
11/6/2023 13:11	46203 DANV_T2	0	5	5	0	0.56	0.56	0	0	0	0	0	0	0	0
11/6/2023 13:11	60801 BUCK_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/6/2023 13:12	60803 BUCK_T1	11	1	-10	0.18	0.2	0.02	-0.96	-0.99	1	1	0	600	600	0
11/6/2023 13:12	60801 BUCK_T1	2	0	-2	0.25	0	-0.25	0.2	0.2	0	0	0	0	0	0
11/6/2023 13:13	63801 HEMP_T1	0	1	1	0	0.2	0.2	0	0	0	0	0	0	0	0
11/6/2023 13:13	46203 DANV_T2	0	5	5	0	0.56	0.56	-1.4	-1.48	0	0	0	0	0	0
11/6/2023 13:14	46203 DANV_T2	0	5	5	0	0.56	0.56	-1.4	-1.48	0	0	0	0	0	0
11/6/2023 13:15	52004 LING_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/6/2023 13:17	64101 REFR_T1	1	0	-1	1.2	0	-1.2	0.03	0.03	0	0	0	0	0	0
11/6/2023 13:18	65003 NEFF_T2	7	7	0	0.39	0.37	-0.02	0	0	0	0	0	0	0	0
11/6/2023 13:19	64101 REFR_T1	1	0	-1	1.2	0	-1.2	0.05	0.05	0	0	0	0	0	0
11/6/2023 13:20	13105 NHAM_T2	0	0	0	0	0	0	-0.34	-0.36	1	1	0	1200	1200	0
11/6/2023 13:21	67204 TEHI_T2	0	0	0	0	0	0	-0.1	-0.11	0	0	0	0	0	0
11/6/2023 13:21	64101 REFR_T1	1	0	-1	1.2	0	-1.2	0.03	0.03	0	0	0	0	0	0
11/6/2023 13:23	64101 REFR_T1	1	0	-1	1.2	0	-1.2	0.03	0.03	0	0	0	0	0	0
11/6/2023 13:23	65901 SAKR_T2	1	1	0	8.4	9	0.6	0	0	0	0	0	0	0	0
11/6/2023 13:24	67201 TEHI_T1	0	1	1	0	0.1	0.1	0	0	0	0	0	0	0	0
11/6/2023 13:24	67204 TEHI_T2	0	0	0	0	0	0	-0.1	-0.11	0	0	0	0	0	0
11/6/2023 13:26	22101 EDEL_T2	0	0	0	0	0	0	0.39	0.41	1	1	0	1200	1200	0
11/6/2023 13:28	45003 LIME_2	1	1	0	3.4	3.6	0.2	0	0	1	1	0	1200	1200	0
11/6/2023 13:30	45003 LIME_2	1	1	0	3.4	3.7	0.3	0	0	1	1	0	1200	1200	0
11/6/2023 13:30	42903 MIDD_T2	0	2	2	0	0.25	0.25	0	0	0	0	0	0	0	0
11/6/2023 13:30	51201 MTON_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/6/2023 13:31	59003 MEFF_T1	0	0	0	0	0	0	-0.1	-2.24	0	0	0	0	0	0
11/6/2023 13:32	46903 MNTG_T2	1	4	3	0.1	0.28	0.18	0.05	-0.03	1	1	0	600	600	0
11/6/2023 13:33	46701 RENO_T1	1	1	0	0.2	0.4	0.2	0	0	0	0	0	0	0	0
11/6/2023 13:33	42903 MIDD_T2	0	2	2	0	0.25	0.25	0	0	0	0	0	0	0	0
11/6/2023 13:33	65005 NEFF_T2	1	1	0	0.7	0.5	-0.2	0	0	0	0	0	0	0	0
11/6/2023 13:34	42902 MIDD_T2	1	1	0	0.7	0.7	0	-0.5	-0.66	2	2	0	1200	1200	0
11/6/2023 13:36	54206 PENN_T2	2	2	0	0.35	0.35	0	0	0	0	0	0	0	0	0
11/6/2023 13:36	67605 WARW_T1	16	19	3	0.39	0.55	0.16	-1.14	-1.18	0	0	0	0	0	0
11/6/2023 13:38	47101 MARL_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/6/2023 13:39	47101 MARL_T1	0	0	0	0	0	0	-1.86	-1.91	1	1	0	600	600	0
11/6/2023 13:41	13302 ORVI_T2	2	2	0	0.15	0.15	0	0.97	0.94	0	0	0	0	0	0
11/6/2023 13:41	47101 MARL_T1	0	0	0	0	0	0	-3.82	-3.78	2	2	0	1200	1200	0
11/6/2023 13:42	47101 MARL_T1	0	0	0	0	0	0	-5.73	-5.67	3	3	0	1800	1800	0
11/6/2023 13:47	58401 MORO_T1	4	4	0	0.58	0.55	-0.03	-0.89	-0.88	1	1	0	600	600	0
11/6/2023 13:47	58401 MORO_T1	4	4	0	0.58	0.55	-0.03	-0.89	-0.88	1	1	0	600	600	0
11/6/2023 13:49	58401 MORO_T1	4	4	0	0.58	0.55	-0.03	-0.89	-0.88	1	1	0	600	600	0
11/6/2023 13:49	58401 MORO_T1	4	4	0	0.58	0.55	-0.03	-0.89	-0.88	1	1	0	600	600	0
11/6/2023 13:50	64101 REFR_T1	0	0	0	0	0	0	0.03	0.04	0	0	0	0	0	0
11/6/2023 13:52	14802 TREI_T2	0	1	1	0	0.1	0.1	0.21	0.31	0	0	0	0	0	0
11/6/2023 13:53	14401 SSLA_T1	1	2	1	0.2	0.9	0.7	0	0	0	0	0	0	0	0
11/6/2023 13:53	14801 TREI_T2	1	3	2	0.3	0.53	0.23	0.21	0.21	0	0	0	0	0	0
11/6/2023 13:55	14802 TREI_T2	0	1	1	0	0.1	0.1	0.21	0.31	0	0	0	0	0	0
11/6/2023 14:01	13105 NHAM_T2	0	0	0	0	0	0	-0.33	-0.3	1	1	0	1200	1200	0
11/6/2023 14:02	59302 MCAL_T1	0	0	0	0	0	0	0.25	0.22	1	1	0	600	600	0
11/6/2023 14:04	65005 NEFF_T2	1	1	0	0.5	0.5	0	0	0	0	0	0	0	0	0
11/6/2023 14:05	65901 SAKR_T2	1	1	0	9	9.2	0.2	0	0	0	0	0	0	0	0
11/6/2023 14:12	66501 SMAN_T2	1	0	-1	0.1	0	-0.1	0	0	0	0	0	0	0	0
11/6/2023 14:13	26401 INOR_T1	0	0	0	0	0	0	0.55	0.37	0	0	0	0	0	0
11/6/2023 14:17	13105 NHAM_T2	0	0	0	0	0	0	-0.3	-0.3	1	1	0	1200	1200	0
11/6/2023 14:19	14401 SSLA_T1	2	2	0	0.15	0.25	0.1	0	0	0	0	0	0	0	0
11/6/2023 14:20	13704 SCHN_T2	0	0	0	0	0	0	-0.41	-0.41	0	0	0	0	0	0
11/6/2023 14:20	65902 SAKR_T2	0	0	0	0	0	0	-0.8	-0.9	1	1	0	900	900	0
11/6/2023 14:23	13701 SCHN_T2	2	2	0	0.1	0.1	0	0	0	0	0	0	0	0	0
11/6/2023 14:28	40101 HUNT_T2	0	2	2	0	0.5	0.5	-0.12	-0.13	0	0	0	0	0	0
11/6/2023 14:29	40101 HUNT_T2	0	2	2	0	0.5	0.5	-0.12	-0.13	0	0	0	0	0	0
11/6/2023 14:31	45001 LIME_2	3	21	18	0.1	0.19	0.09	0	0	0	0	0	0	0	0
11/6/2023 14:31	40101 HUNT_T2	2	1	-1	0.3	0	-0.3	-0.12	-0.13	0	0	0	0	0	0
11/6/2023 14:32	40101 HUNT_T2	2	1	-1	0.3	0	-0.3	-0.12	-0.13	0	0	0	0	0	0
11/6/2023 14:33	45003 LIME_2	1	1	0	3.7	5.2	1.5	0	0	1	1	0	1200	1200	0
11/6/2023 14:34	42802 SELI_T1	1	1	0	0.4	0.9	0.5	-6.36	-6.36	3	3	0	2700	2700	0
11/6/2023 14:34	58402 MORO_T1	0	0	0	0	0	0	-1.08	-1.11	2	2	0	1500	1500	0
11/6/2023 14:35	42802 SELI_T1	1	1	0	0.4	0.9	0.5	-4.24	-4.24	2	2	0	1800	1800	0
11/6/2023 14:35	58401 MORO_T1	3	2	-1	0.3	0.15	-0.15	-0.86	-0.84	1	1	0	600	600	0
11/6/2023 14:37	42802 SELI_T1	1	1	0	0.4	0.9	0.5	-2.12	-2.12	1	1	0	900	900	0
11/6/2023 14:39	42802 SELI_T1	1	1	0	0.4	0.9	0.5	-2.12	-2.12	1	1	0	900	900	0
11/6/2023 14:42	41801 GOCI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/6/2023 14:45	41801 GOCI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/6/2023 14:46	55003 NEWP_T2	8	10	2	0.43	0.39	-0.04	-0.2	-0.17	0	0	0	0	0	0
11/6/2023 14:46	46903 MNTG_T2	46	125	79	0.12	0.21	0.09	0.05	-0.05	1	1	0	600	600	0
11/6/2023 14:47	41801 GOCI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/6/2023 14:48	40101 HUNT_T2	1	0	-1	0.7	0	-0.7	-0.13	-0.27	0	0	0	0	0	0
11/6/2023 14:50	14401 SSLA_T1	2	1	-1	0.1	0.5	0.4	0	0	0	0	0	0	0	0
11/6/2023 14:50	13901 SEID_T1	0	0	0	0	0	0	0.14	0.14	0	0	0	0	0	0
11/6/2023 14:52	46702 RENO_T1	0	0	0	0	0	0	-0.15	-0.17	0	0	0	0	0	0
11/6/2023 15:00	26401 INOR_T1	1	2	1	0.1	0.15	0.05	0.42	0.31	0	0	0	0	0	0
11/6/2023 15:01	65003 NEFF_T2	47	94	47	0.15	0.16	0.01	0	0	0	0	0	0	0	0
11/6/2023 15:01	26401 INOR_T1	1	2	1	0.1	0.15	0.05	0	0	0	0	0	0	0	0
11/6/2023 15:05	59101 WALK_T2	1	2	1	0	0.2	0.2	2.23	1.94	0	0	0	0	0	0
11/6/2023 15:06	13901 SEID_T1	0	0	0	0	0	0	0.14	0.15	0	0	0	0	0	0
11/6/2023 15:07	67002 STHI_T2	285	340	55	0.17	0.17	0	1.24	1.28	0	0	0	0	0	0
11/6/2023 15:07	46001 BERW_T1	0	0	0	0	0	0	1.12	1.11	0	0	0	0	0	0
11/6/2023 15:08	67002 STHI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/6/2023 15:08	44301 BEAV_T2	0	0	0	0	0	0	0.62	0.5	1	1	0	600	600	0
11/6/2023 15:09	46203 DANV_T2	2	1	-1	0.5	0.1	-0.4	-1.52	-1.42	0	0	0	0	0	0
11/6/2023 15:09	67002 STHI_T2	285	340	55	0.17	0.17	0	0.62	0.64	0	0	0	0	0	0
11/6/2023 15:10	59101 WALK_T2	1	2	1	0	0.2	0.2	2.23	1.94	0	0	0	0	0	0
11/6/2023 15:10	46001 BERW_T1	0	0	0	0	0	0	1.12	1.11	0	0	0	0	0	0
11/6/2023 15:10	46203 DANV_T2	2	1	-1	0.5	0.1	-0.4	-1.52	-1.42	0	0	0	0	0	0
11/6/2023 15:10	15001 BLMO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/6/2023 15:11	61801 EEU_T2	2	2	0	1.55	1.5	-0.05	-0.36	-0.35	0	0	0	0	0	0
11/6/2023 15:11	61802 EEU_T2	0	0	0	0	0	0	-0.29	-0.3	0	0	0	0	0	0
11/6/2023 15:12	46004 BERW_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/6/2023 15:13	60801 BUCK_T1	0	0	0	0	0	0	0.19	0.17	0	0	0	0	0	0
11/6/2023 15:14	40101 HUNT_T2	0	1	1	0	0	0	-0.32	-0.27	0	0	0	0	0	0
11/6/2023 15:14	41801 GOCI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/6/2023 15:15	66502 SMAN_T2	0	0	0	0	0	0	0	0	1	1	0	900	900	0
11/6/2023 15:15	52403 GRPA_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/6/2023 15:15	40101 HUNT_T2	0	2	2	0	0	0	-0.32	-0.27	0	0	0	0	0	0
11/6/2023 15:16	41801 GOCI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/6/2023 15:16	59301 MCAL_T1	7	53	46	0.69	0.33	-0.36	0	0	0	0	0	0	0	0
11/6/2023 15:16	46602 LACR_T1	0	1	1	0	0	0	-0.25	-0.26	0	0	0	0	0	0
11/6/2023 15:16	52401 GRPA_T2	2	2	0	0.65	0.4	-0.25	-0.56	-0.53	0	0	0	0	0	0
11/6/2023 15:16	58402 MORO_T1	0	0	0	0	0	0	-1.09	-1.01	2	2	0	1500	1500	0
11/6/2023 15:17	21301 JEFF_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/6/2023 15:17	58402 MORO_T1	0	0	0	0	0	0	-1.09	-1.01	2	2	0	1500	1500	0
11/6/2023 15:17	26401 INOR_T1	1	2	1	0.1	0.15	0.05	0	0	0	0	0	0	0	0
11/6/2023 15:18	65604 QVIL_T2	0	0	0	0	0	0	0.32	0.26	0	0	0	0	0	0
11/6/2023 15:18	58402 MORO_T1	0	0	0	0	0	0	-1.09	-1.01	2	2	0	1500	1500	0
11/6/2023 15:18	46702 RENO_T1	0	0	0	0	0	0	-0.16	-0.17	0	0	0	0	0	0
11/6/2023 15:19	13704 SCHN_T2	0	0	0	0	0	0	-0.41	-0.39	0	0	0	0	0	0
11/6/2023 15:20	65603 QVIL_T2	1	1	0	6.3	6.5	0.2	0	0	0	0	0	0	0	0
11/6/2023 15:20	13704 SCHN_T2	0	0	0	0	0	0	-0.41	-0.39	0	0	0	0	0	0
11/6/2023 15:21	14401 SSLA_T1	1	1	0	0.2	0.1	-0.1	0	0	0	0	0	0	0	0
11/6/2023 15:21	13901 SEID_T1	0	0	0	0	0	0	0.15	0.16	0	0	0	0	0	0
11/6/2023 15:21	42802 SELI_T1	1	1	0	0.5	1.2	0.7	-2.15	-2.16	1	1	0	900	900	0
11/6/2023 15:21	59101 WALK_T2	1	2	1	0	0.2	0.2	1.94	1.65	0	0	0	0	0	0
11/6/2023 15:22	42801 SELI_T1	1	1	0	0	0	0	0	0	0	0	0	0	0	0
11/6/2023 15:22	14404 SSLA_T1	0	1	1	0	0.1	0.1	0	0	0	0	0	0	0	0
11/6/2023 15:22	67001 STHI_T2	601	628	27	0.3	0.33	0.03	0	0	0	0	0	0	0	0
11/6/2023 15:23	42802 SELI_T1	1	1	0	0.5	1.2	0.7	-2.15	-2.16	1	1	0	900	900	0
11/6/2023 15:23	46001 BERW_T1	0	0	0	0	0	0	1.11	0.97	0	0	0	0	0	0
11/6/2023 15:23	66703 STRA_T1	5	5	0	0.14	0.42	0.28	-0.23	-0.24	0	0	0	0	0	0
11/6/2023 15:23	60801 BUCK_T1	0	0	0	0	0	0	0.19	0.17	0	0	0	0	0	0
11/6/2023 15:24	67002 STHI_T2	174	323	149	0.16	0.17	0.01	0.64	0.58	0	0	0	0	0	0
11/6/2023 15:25	46203 DANV_T2	1	0	-1	0.1	0	-0.1	-1.42	-1.47	0	0	0	0	0	0
11/6/2023 15:26	61801 EEU_T2	2	2	0	1.5	1.3	-0.2	-0.35	-0.38	0	0	0	0	0	0
11/6/2023 15:26	59101 WALK_T2	1	2	1	0	0.2	0.2	1.65	2.18	0	0	0	0	0	0
11/6/2023 15:26	15001 BLMO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/6/2023 15:26	46203 DANV_T2	1	0	-1	0.1	0	-0.1	-1.47	-1.45	0	0	0	0	0	0
11/6/2023 15:26	46001 BERW_T1	0	0	0	0	0	0	0.97	0.98	0	0	0	0	0	0
11/6/2023 15:27	45501 DERR_T2	1	1	0	0.4	0.3	-0.1	0.9	0.9	2	2	0	1800	1800	0
11/6/2023 15:27	15001 BLMO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/6/2023 15:27	41801 GOCI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/6/2023 15:27	40101 HUNT_T2	0	2	2	0	0	0	-0.27	-0.27	0	0	0	0	0	0
11/6/2023 15:27	25402 LAHA_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/6/2023 15:30	45501 DERR_T2	1	1	0	0.2	0.3	0.1	0.9	0.9	2	2	0	1800	1800	0
11/6/2023 15:30	41801 GOCI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/6/2023 15:30	40101 HUNT_T2	1	1	0	0.2	0	-0.2	-0.27	-0.27	0	0	0	0	0	0
11/6/2023 15:31	54501 ENOL_T2	4	4	0	0.6	0.35	-0.25	0	0	0	0	0	0	0	0
11/6/2023 15:31	52401 GRPA_T2	2

11/6/2023 15:42	10805 CHHI_T2	1	1	0	8.4	6.9	-1.5	-1.01	-1.22	1	1	0	600	600	0
11/6/2023 15:42	46602 LACR_T1	0	1	1	0	0.2	0.2	-0.22	-0.19	0	0	0	0	0	0
11/6/2023 15:42	16301 ALPA_T1	26	28	2	0.18	0.15	-0.03	-0.44	-0.43	0	0	0	0	0	0
11/6/2023 15:42	60201 ATGL_T2	0	0	0	0	0	0	0.47	0.44	0	0	0	0	0	0
11/6/2023 15:43	41801 GOCI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/6/2023 15:43	45501 DERR_T2	1	1	0	0.2	0.3	0.1	0.9	0.8	2	2	0	1800	1800	0
11/6/2023 15:44	64201 KINZ_T1	1	131	130	0.2	0.4	0.2	-0.61	-0.48	3	2	-1	1500	1200	-300
11/6/2023 15:44	45501 DERR_T2	1	1	0	0.2	0.3	0.1	0.9	0.8	2	2	0	1800	1800	0
11/6/2023 15:44	66703 STRA_T1	5	5	0	0.4	0.26	-0.14	-0.21	-0.17	0	0	0	0	0	0
11/6/2023 15:45	45003 LIME_2	1	1	0	5	5	0	0	0	1	1	0	1200	1200	0
11/6/2023 15:45	41801 GOCI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/6/2023 15:46	52401 GRPA_T2	2	2	0	0.35	0.2	-0.15	0	0	0	0	0	0	0	0
11/6/2023 15:46	13105 NHAM_T2	0	0	0	0	0	0	-0.3	-0.32	1	1	0	1200	1200	0
11/6/2023 15:47	46901 MNTG_T2	0	0	0	0	0	0	1.86	1.78	0	0	0	0	0	0
11/6/2023 15:47	52403 GRPA_T2	0	0	0	0	0	0	0.06	0.03	0	0	0	0	0	0
11/6/2023 15:47	45001 LIME_2	21	16	-5	0.22	0.18	-0.04	0	0	0	0	0	0	0	0
11/6/2023 15:47	46001 BERW_T1	0	0	0	0	0	0	0.98	0.88	0	0	0	0	0	0
11/6/2023 15:47	55105 WERT_T1	0	0	0	0	0	0	-0.72	-0.72	1	1	0	900	900	0
11/6/2023 15:48	52004 LING_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/6/2023 15:48	23301 JEFF_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/6/2023 15:48	59301 MCAL_T1	11	4	-7	0.49	0.63	0.14	-0.95	-0.98	1	0	-1	600	0	-600
11/6/2023 15:48	58402 MORO_T1	0	0	0	0	0	0	-1.11	-1.07	2	2	0	1500	1500	0
11/6/2023 15:49	13704 SCHN_T2	0	0	0	0	0	0	-0.42	-0.43	0	0	0	0	0	0
11/6/2023 15:49	65001 NEFF_T2	0	0	0	0	0	0	-0.58	-0.63	1	1	0	1200	1200	0
11/6/2023 15:49	42801 SELI_T1	1	1	0	0	0	0	0	0	0	0	0	0	0	0
11/6/2023 15:49	56501 ROCK_T2	4	1	-3	0.2	0	-0.2	-1.22	-0.71	0	0	0	0	0	0
11/6/2023 15:49	60501 NMAN_T2	3	3	0	4.43	4.23	-0.2	0	0	0	0	0	0	0	0
11/6/2023 15:50	56504 ROCK_T2	0	0	0	0	0	0	-0.3	-0.18	0	0	0	0	0	0
11/6/2023 15:50	58402 MORO_T1	0	0	0	0	0	0	-1.11	-1.07	2	2	0	1500	1500	0
11/6/2023 15:50	13606 RICH_T2	0	0	0	0	0	0	0.97	0.99	0	0	0	0	0	0
11/6/2023 15:50	56504 ROCK_T2	0	0	0	0	0	0	-0.3	-0.18	0	0	0	0	0	0
11/6/2023 15:50	42801 SELI_T1	1	1	0	0	0	0	0	0	0	0	0	0	0	0
11/6/2023 15:51	57402 SPAN_T2	3	0	-3	0.1	0	-0.1	-1.25	-1.24	0	0	0	0	0	0
11/6/2023 15:51	56504 ROCK_T2	0	0	0	0	0	0	-0.3	-0.18	0	0	0	0	0	0
11/6/2023 15:51	13704 SCHN_T2	0	0	0	0	0	0	-0.42	-0.43	0	0	0	0	0	0
11/6/2023 15:51	56501 ROCK_T2	4	1	-3	0.2	0	-0.2	-0.41	-0.24	0	0	0	0	0	0
11/6/2023 15:51	67002 STHI_T2	76	32	-44	0.15	0.12	-0.03	0.61	0.62	0	0	0	0	0	0
11/6/2023 15:51	67401 WAKE_T2	0	1	1	0	0.1	0.1	-1.13	-1.07	0	0	0	0	0	0
11/6/2023 15:51	42801 SELI_T1	1	1	0	0	0	0	0	0	0	0	0	0	0	0
11/6/2023 15:52	56501 ROCK_T2	4	1	-3	0.2	0	-0.2	0	0	0	0	0	0	0	0
11/6/2023 15:52	59101 WALK_T2	1	1	0	0	0	0	4.36	4.08	0	0	0	0	0	0
11/6/2023 15:52	42802 SELI_T1	1	1	0	0.9	0.9	0	-6.14	-6.33	3	3	0	2700	2700	0
11/6/2023 15:53	56803 BENV_T1	0	1	1	0	0	0	0	0	0	0	0	0	0	0
11/6/2023 15:53	42802 SELI_T1	1	1	0	0.9	0.9	0	-2.05	-2.11	1	1	0	900	900	0
11/6/2023 15:54	60803 BUCK_T1	0	0	0	0	0	0	-0.97	-1	1	1	0	600	600	0
11/6/2023 15:54	13704 SCHN_T2	0	0	0	0	0	0	-0.42	-0.43	0	0	0	0	0	0
11/6/2023 15:54	56803 BENV_T1	0	1	1	0	0	0	0	0	0	0	0	0	0	0
11/6/2023 15:54	56501 ROCK_T2	4	1	-3	0.2	0	-0.2	0	0	0	0	0	0	0	0
11/6/2023 15:54	67002 STHI_T2	76	32	-44	0.15	0.12	-0.03	1.22	1.24	0	0	0	0	0	0
11/6/2023 15:55	56801 BENV_T1	21	17	-4	0.68	0.55	-0.13	-0.6	-0.57	0	0	0	0	0	0
11/6/2023 15:55	60803 BUCK_T1	0	0	0	0	0	0	-0.97	-1	1	1	0	600	600	0
11/6/2023 15:57	56801 BENV_T1	21	17	-4	0.68	0.55	-0.13	-0.76	-0.88	0	0	0	0	0	0
11/6/2023 15:58	56504 ROCK_T2	0	0	0	0	0	0	-0.18	-0.4	0	0	0	0	0	0
11/6/2023 15:58	10805 CHHI_T2	1	1	0	7.7	6.9	-0.8	-1.22	-0.59	1	0	-1	600	0	-600
11/6/2023 15:58	65003 NEFF_T2	8	38	30	0.25	0.14	-0.11	0	0	0	0	0	0	0	0
11/6/2023 15:59	54501 ENOL_T2	4	4	0	0.35	0.25	-0.1	-0.6	-0.59	1	1	0	600	600	0
11/6/2023 16:00	42902 MIDD_T2	0	8	8	0	0.13	0.13	-0.38	-0.43	0	0	0	0	0	0
11/6/2023 16:00	54505 ENOL_T2	1	1	0	1	0.9	-0.1	0	0	0	0	0	0	0	0
11/6/2023 16:02	52401 GRPA_T2	2	1	-1	0.2	0.1	-0.1	0	0	0	0	0	0	0	0
11/6/2023 16:04	54202 PENN_T2	0	0	0	0	0	0	0.68	0.59	0	0	0	0	0	0
11/6/2023 16:05	66703 STRA_T1	2	3	1	0.15	0.17	0.02	-0.17	-0.23	0	0	0	0	0	0
11/6/2023 16:05	54202 PENN_T2	0	0	0	0	0	0	0.68	0.59	0	0	0	0	0	0
11/6/2023 16:06	67002 STHI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/6/2023 16:07	67002 STHI_T2	29	21	-8	0.12	0.1	-0.02	0.62	0.62	0	0	0	0	0	0
11/6/2023 16:07	42701 AUGU_T1	0	0	0	0	0	0	0	0	2	2	0	1800	1800	0
11/6/2023 16:07	67001 STHI_T2	444	292	-152	0.16	0.12	-0.04	0.02	0.02	0	0	0	0	0	0
11/6/2023 16:07	54206 PENN_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/6/2023 16:08	46203 DANV_T2	0	0	0	0	0	0	-1.49	-1.53	0	0	0	0	0	0
11/6/2023 16:08	42701 AUGU_T1	0	0	0	0	0	0	0	0	2	2	0	1800	1800	0
11/6/2023 16:09	67001 STHI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/6/2023 16:12	46203 DANV_T2	0	0	0	0	0	0	-1.53	-1.48	0	0	0	0	0	0
11/6/2023 16:13	40101 HUNT_T2	0	1	1	0	0	0	-0.48	-0.46	0	0	0	0	0	0
11/6/2023 16:15	22901 HARW_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/6/2023 16:15	10602 BLGL_T2	0	0	0	0	0	0	-0.01	0.02	0	0	0	0	0	0
11/6/2023 16:19	65003 NEFF_T2	38	77	39	0.14	0.18	0.04	0	0	0	0	0	0	0	0
11/6/2023 16:20	54701 NEBL_T1	0	0	0	0	0	0	0	0	1	1	0	600	600	0
11/6/2023 16:20	57303 MOAL_T2	1	1	0	7.7	7.3	-0.4	0	0	0	0	0	0	0	0
11/6/2023 16:26	44802 EDAN_T2	0	0	0	0	0	0	-0.9	-0.9	0	0	0	0	0	0
11/6/2023 16:26	45501 DERR_T2	0	0	0	0	0	0	0.55	0.56	2	2	0	1800	1800	0
11/6/2023 16:27	45501 DERR_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/6/2023 16:28	44502 HAMI_T2	1	1	0	2.7	2.7	0	-0.87	-0.84	0	0	0	0	0	0
11/6/2023 16:28	44802 EDAN_T2	0	0	0	0	0	0	-0.9	-0.9	0	0	0	0	0	0
11/6/2023 16:28	45501 DERR_T2	0	0	0	0	0	0	1.1	1.12	4	4	0	3600	3600	0
11/6/2023 16:29	54504 ENOL_T2	0	0	0	0	0	0	-1.14	-1.11	1	1	0	600	600	0
11/6/2023 16:29	54505 ENOL_T2	1	1	0	0.9	0.9	0	0	0	0	0	0	0	0	0
11/6/2023 16:29	44802 EDAN_T2	0	0	0	0	0	0	-0.9	-0.9	0	0	0	0	0	0
11/6/2023 16:31	46903 MNTG_T2	0	0	0	0	0	0	-0.16	0.41	1	0	-1	600	0	-600
11/6/2023 16:31	26401 INOR_T1	0	1	1	0	0.2	0.2	0	0	0	0	0	0	0	0
11/6/2023 16:35	14403 SSLA_T1	0	0	0	0	0	0	0.67	0.67	0	0	0	0	0	0
11/6/2023 16:37	43304 WATS_T2	0	1	1	0	0.3	0.3	-0.19	-0.21	0	0	0	0	0	0
11/6/2023 16:38	43302 WATS_T2	0	4	4	0	0.3	0.3	0	0	0	0	0	0	0	0
11/6/2023 16:38	43301 WATS_T2	1	1	0	0.9	0.3	-0.6	-0.69	-0.63	1	1	0	900	900	0
11/6/2023 16:38	42503 ALTA_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/6/2023 16:39	43301 WATS_T2	1	1	0	0.9	0.3	-0.6	-0.69	-0.63	1	1	0	900	900	0
11/6/2023 16:39	43304 WATS_T2	0	1	1	0	0.3	0.3	-0.19	-0.21	0	0	0	0	0	0
11/6/2023 16:41	45501 DERR_T2	0	0	0	0	0	0	0.56	0.76	2	2	0	1800	1800	0
11/6/2023 16:46	26401 INOR_T1	0	1	1	0	0.2	0.2	0	0	0	0	0	0	0	0
11/6/2023 16:55	42701 AUGU_T1	0	0	0	0	0	0	0	0	4	4	0	3600	3600	0
11/6/2023 16:55	59101 WALK_T2	1	1	0	0	0	0	1.54	1.59	0	0	0	0	0	0
11/6/2023 16:56	59101 WALK_T2	1	1	0	0	0	0	1.59	1.67	0	0	0	0	0	0
11/6/2023 17:00	46203 DANV_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/6/2023 17:01	26401 INOR_T1	0	0	-1	0.2	0	-0.2	0.24	0.24	0	0	0	0	0	0
11/6/2023 17:02	26401 INOR_T1	1	0	-1	0.2	0	-0.2	0	0	0	0	0	0	0	0
11/6/2023 17:13	43705 WILL_T1	2	2	0	0.9	0.5	-0.4	-0.97	-0.92	0	0	0	0	0	0
11/6/2023 17:18	55002 NEWP_T1	4	4	0	0.6	0.5	-0.1	-0.26	-0.26	0	0	0	0	0	0
11/6/2023 17:22	14403 SSLA_T1	0	0	0	0	0	0	0.72	0.74	0	0	0	0	0	0
11/6/2023 17:23	14403 SSLA_T1	0	0	0	0	0	0	1.44	1.48	0	0	0	0	0	0
11/6/2023 17:34	55002 NEWP_T1	4	3	-1	0.5	0.57	0.07	-0.26	-0.26	0	0	0	0	0	0
11/6/2023 17:37	59101 WALK_T2	1	1	0	0	0	0	3.48	2.9	0	0	0	0	0	0
11/6/2023 17:38	59101 WALK_T2	1	1	0	0	0	0	1.74	1.45	0	0	0	0	0	0
11/6/2023 17:40	59101 WALK_T2	1	1	0	0	0	0	1.74	1.45	0	0	0	0	0	0
11/6/2023 17:43	45802 HEGI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/6/2023 17:47	45802 HEGI_T2	1	1	0	0.4	0	-0.4	0.69	0.85	0	0	0	0	0	0
11/6/2023 17:50	55001 NEWP_T1	1	1	0	0.5	0	-0.5	0	0	0	0	0	0	0	0
11/6/2023 17:58	26401 INOR_T1	0	3	3	0	0	0	0.27	0.23	0	0	0	0	0	0
11/6/2023 18:55	67602 WARW_T2	0	0	0	0	0	0	1.3	1.28	0	0	0	0	0	0
11/6/2023 19:00	43302 WATS_T2	4	4	0	0.5	0.7	0.2	0	0	0	0	0	0	0	0
11/6/2023 19:00	43302 WATS_T2	4	4	0	0.5	0.7	0.2	0	0	0	0	0	0	0	0
11/6/2023 19:00	66505 SMAN_T2	3	3	0	0.83	0.97	0.14	0	0	2	2	0	1100	1100	0
11/6/2023 19:00	59301 MCAL_T1	2	2	0	1.45	1.3	-0.15	-1.28	-1.22	0	0	0	0	0	0
11/6/2023 19:00	67503 WEWI_T2	0	0	0	0	0	0	-0.47	-0.49	0	0	0	0	0	0
11/6/2023 19:00	56802 BENV_T2	70	184	114	0.21	0.29	0.08	-1.48	-1.5	0	0	0	0	0	0
11/6/2023 19:00	43001 ALWD_T1	0	9	9	0	0.16	0.16	0	0	0	0	0	0	0	0
11/6/2023 19:00	14403 SSLA_T1	0	0	0	0	0	0	0.77	0.77	0	0	0	0	0	0
11/6/2023 19:00	42801 SELI_T1	1	1	0	0	0	0	0	0	0	0	0	0	0	0
11/6/2023 19:00	15001 BLMO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/6/2023 19:00	42701 AUGU_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/6/2023 19:00	67503 WEWI_T2	0	0	0	0	0	0	-0.47	-0.49	0	0	0	0	0	0
11/6/2023 19:00	59101 WALK_T2	1	1	0	0	0	0	0.6	0.75	0	0	0	0	0	0
11/6/2023 19:00	43201 MVIL_T2	0	0	0	0	0	0	-0.4	-0.4	0	0	0	0	0	0
11/6/2023 19:00	54202 PENN_T2	0	0	0	0	0	0	0.54	0.58	0	0	0	0	0	0
11/6/2023 19:00	22901 HARW_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/6/2023 19:00	28604 BLYT_T2	0	0	0	0	0	0	-1.34	-1.32	0	0	0	0	0	0
11/6/2023 19:01	56501 ROCK_T2	114	75	-39	0.19	0.15	-0.04	-3.2	-3.07	0	0	0	0	0	0
11/6/2023 19:01	66503 SMAN_T2	126	62	-64	0.15	0.13	-0.02	0	0	0	0	0	0	0	0
11/6/2023 19:01	60201 ATGL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/6/2023 19:01	29401 BELT_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/6/2023 19:01	45501 DERR_T2	0	0	0	0	0	0	0.72	0.92	2	2	0	1800	1800	0
11/6/2023 19:01	41901 REED_T1	10	11	1	0.36	0.66	0.3	-1.27	-1.39	1	1	0	900	900	0
11/6/2023 19:01	60502 NMAN_T2	0	0	0	0	0	0	-0.31	-0.33	0	0	0	0	0	0
11/6/2023 19:01	42903 MIDD_T2	2	2	0	1.7	1.85	0.15	0	0	0	0	0	0	0	0
11/6/2023 19:01	40902 JESH_T1	0	0	0	0	0	0	-1.29	-1.31	1	1	0	600	600	0
11/6/2023 19:01	46004 BERW_T2	1	2	1	0.6	0	-0.6	0	0	0	0	0	0	0	0
11/6/2023 19:01	42802 SELI_T1	0	1	1	0	0.1	0.1	-2.22	-2.17	1	1	0	900	900	0
11/6/2023 19:01	57401 SPAN_T1	2	2	0	0.55	0.45	-0.1	-0.24	-0.25	1	1	0	600	600	0
11/6/2023 19:01	14403 SSLA_T1	0	0	0	0	0	0	0.77	0.77	0	0	0	0	0	0
11/6/2023 19:01	46702 RENO_T1	0	0	0	0	0	0	-0.17	-0.17	0	0	0	0	0	0
11/6/2023 19:01	67001 STHI_T2	1	1	0	0.2	0.2	0	0	0	0	0	0	0	0	0
11/6/2023 19:01	16301 ALPA_T1	1	1	0	0.4	0.4	0	-0.44	-0.47	0	0	0	0	0	0
11/6/2023 19:01	54701 NEBL_T1	0	0	0	0	0	0	0	0	1	1	0	600	600	0
11/6/2023 19:01	66901 SHIL_T2	0	0	0	0	0	0	-1.74	-1.73	1	1	0	1200	1200	0
11/6/2023 19:01	43304 WATS_T2	0	0	0	0	0	0	-0.69	-0.91	0	0	0	0	0	0
11/6/2023 19:01	46903 MNTG_T2	0	57	57	0	0.15	0.15	0.42	0.39	0	0	0	0	0	0
11/6/2023 19:01	58402 MORO_T1	1	1	0	0.2	0.1	-0.1	-0.91	-0.9	2	2	0	1500	1500	0
11/6/2023 19:01	55002 NEWP_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/6/2023 19:01	64802 MONE_T2	0	0	0	0	0	0	-0.01	-0.01	0	0	0	0	0	0
11/6/2023 19:01	60801 BUCK_T1	0	0	0	0	0	0	-0.19	-0.17	0	0	0	0	0	0
11/6/2023 19:02	67502 WEWI_T2	0	0	0	0	0	0	-0.49	-0.51	0	0	0	0	0	0
11/6/2023 19:02	42201 SHEN_T2	0	0	0	0	0	0	-0.25	-0.24	1	1	0	600	600	0
11/6/2023 19:02	66502 SMAN_T2	9	0	-9	0.14	0	-0.14	0	0	1	1	0	900	900	0
11/6/2023 19:02	54501 ENOL_T2	1	0	-1	7.1	0	-7.1	0	0	0	0	0	0	0	0
11/6/2023 19:02	10805 CHHI_T2	1	1	0	7.2	7.2	0	-1.27	-1.24	1	1	0	600	600	0
11/6/2023 19:02	57401 SPAN_T1	2	2	0	0.55	0.45	-0.1	-0.24	-0.25	1	1	0	600	600	0
11/6/2023 19:02	42802 SELI_T1	0	1	1	0	0.1	0.1	-4.44	-4.34	2	2	0	1800	1800	0
11/6/2023 19:02	57401 SPAN_T1	2	2	0	0.55	0.45	-0.1	-0.24	-0.25	1	1	0	600	600	0
11/6/2023 19:02	45501 DERR_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/6/2023 19:02	67503 WEWI_T2	0	0	0	0	0	0	-0.47	-0.49	0	0	0	0	0	0
11/6/2023 19:02	53901 HALI_T2	0	2	2	0	0.25	0.25	0	0	0	0	0	0	0	0
11/6/2023 19:02	64702 LITI_T2	0	0	0	0	0	0	-0.75	-0.74	0	0	0	0	0	0
11/6/2023 19:02	45001 LIME_2	0	1	1	0	0	0	0	0	0	0	0	0	0	0
11/6/2023 19:02	40101 HUNT_T2	6	10	4	0.47	0.43	-0.04	-0.49	-0.5	0	0	0	0	0	0
11/6/2023 19:02	44802 EDAN_T2	0	0	0	0	0	0	-0.9	-0.91	0	0	0	0	0	0
11/6/2023 19:02	43304 WATS_T2	0	0	0	0	0	0	-0.34	-0.45	0	0	0	0	0	0
11/6/2023 19:02	56801 BENV_T1	19	23	4	0.3	0.4	0.1	-1.64	-1.58	2	2	0	1200	1200	0
11/6/2023 19:02	56802 BENV_T2	70	184	114	0.21	0.29	0.08	-1.48	-1.5	0	0	0	0	0	0
11/6/2023 19:02	43402 BENT_T1	0	0	0	0	0	0	-1.57	-1.56	2	2	0	1500	1500	0
11/6/2023 19:02	56504 ROCK_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/6/2023 19:02	41801 GOCI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/6/2023 19:02	52502 PROG_T2	0	0	0	0	0	0	0.22	0.24	0	0	0	0	0	0
11/6/2023 19:02	54701 NEBL_T1	0	0

11/6/2023 19:04	13105 NHAM_T2	0	1	1	0	0	0	-0.26	-0.26	1	1	0	1200	1200	0
11/6/2023 19:04	53601 DALM_T2	1	1	0	0.6	0.5	-0.1	-0.15	-0.22	0	0	0	0	0	0
11/6/2023 19:04	42801 SELI_T1	1	1	0	0	0	0	0	0	0	0	0	0	0	0
11/6/2023 19:04	43304 WATS_T2	0	0	0	0	0	0	-1.03	-1.36	0	0	0	0	0	0
11/6/2023 19:04	59301 MCAL_T1	2	2	0	1.45	1.3	-0.15	0	0	0	0	0	0	0	0
11/6/2023 19:04	14403 SSLA_T1	0	0	0	0	0	0	0.77	0.77	0	0	0	0	0	0
11/6/2023 19:04	59101 WALK_T2	1	1	0	0	0	0	1.2	1.5	0	0	0	0	0	0
11/6/2023 19:04	57401 SPAN_T1	2	2	0	0.55	0.45	-0.1	-0.24	-0.25	1	1	0	600	600	0
11/6/2023 19:04	45802 HEGI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/6/2023 19:04	56802 BENV_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/6/2023 19:04	53501 EVIL_T2	2	2	0	0.15	0.2	0.05	-1.48	-1.45	2	2	0	1200	1200	0
11/6/2023 19:04	15001 BLMD_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/6/2023 19:04	46302 ROHR_T1	6	4	-2	0.28	0.53	0.25	0.16	0.16	0	0	0	0	0	0
11/6/2023 19:04	28403 HART_T2	0	0	0	0	0	0	-0.71	-0.73	1	1	0	900	900	0
11/6/2023 19:04	46801 HEPB_T2	0	2	2	0	0.2	0.2	0.58	0.56	0	0	0	0	0	0
11/6/2023 19:04	55002 NEWP_T1	4	4	0	0.9	1	0.1	-0.27	-0.28	0	0	0	0	0	0
11/6/2023 19:04	21606 EYNO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/6/2023 19:05	56501 ROCK_T2	114	75	-39	0.19	0.15	-0.04	0	0	0	0	0	0	0	0
11/6/2023 19:05	67001 STHI_T2	1	1	0	0.2	0.2	0	0	0	0	0	0	0	0	0
11/6/2023 19:05	42701 AUGU_T1	0	0	0	0	0	0	0	0	2	2	0	1800	1800	0
11/6/2023 19:05	58401 MORO_T1	0	0	0	0	0	0	-1.03	-1.04	1	1	0	600	600	0
11/6/2023 19:05	54505 ENOL_T2	1	1	0	0.6	0.8	0.2	0	0	0	0	0	0	0	0
11/6/2023 19:05	54502 ENOL_T2	0	0	0	0	0	0	-1.35	-1.34	0	0	0	0	0	0
11/6/2023 19:05	41801 GOCI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/6/2023 19:05	67001 STHI_T2	1	1	0	0.2	0.2	0	0	0	0	0	0	0	0	0
11/6/2023 19:05	40602 PIGR_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/6/2023 19:05	43202 MVIL_T2	1	0	-1	0.7	0	-0.7	-0.73	-0.73	0	0	0	0	0	0
11/6/2023 19:05	43301 WATS_T2	1	1	0	0.2	0.4	0.2	-0.65	-0.65	1	1	0	900	900	0
11/6/2023 19:05	53501 EVIL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/6/2023 19:05	45402 WBLO_T2	10	16	6	0.1	0.14	0.04	-0.58	-0.6	0	0	0	0	0	0
11/6/2023 19:05	56801 BENV_T1	19	23	4	0.3	0.4	0.1	-0.82	-0.79	1	1	0	600	600	0
11/6/2023 19:05	66505 SMAN_T2	3	3	0	0.83	0.97	0.14	0	0	0	0	0	0	0	0
11/6/2023 19:05	56802 BENV_T2	70	184	114	0.21	0.29	0.08	-5.92	-6	0	0	0	0	0	0
11/6/2023 19:06	55002 NEWP_T1	4	4	0	0.9	1	0.1	-0.27	-0.28	0	0	0	0	0	0
11/6/2023 19:06	56501 ROCK_T2	114	75	-39	0.19	0.15	-0.04	0	0	0	0	0	0	0	0
11/6/2023 19:06	61801 EELI_T2	2	4	2	1.55	1	-0.55	-1.03	-1.04	1	1	0	600	600	0
11/6/2023 19:06	66703 STRA_T1	5	6	1	0.28	0.22	-0.06	-0.35	-0.38	0	0	0	0	0	0
11/6/2023 19:06	64802 MONE_T2	0	0	0	0	0	0	-0.01	-0.01	0	0	0	0	0	0
11/6/2023 19:06	63802 HEMP_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/6/2023 19:06	52501 PROG_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/6/2023 19:06	54206 PENN_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/6/2023 19:06	52402 GRPA_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/6/2023 19:06	42802 SELI_T1	0	1	1	0	0.1	0.1	-4.44	-4.34	2	2	0	1800	1800	0
11/6/2023 19:06	56802 BENV_T2	70	184	114	0.21	0.29	0.08	-1.48	-1.5	0	0	0	0	0	0
11/6/2023 19:06	57403 SPAN_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/6/2023 19:06	56801 BENV_T1	19	23	4	0.3	0.4	0.1	-0.82	-0.79	1	1	0	600	600	0
11/6/2023 19:06	66505 SMAN_T2	3	3	0	0.83	0.97	0.14	0	0	0	0	0	0	0	0
11/6/2023 19:06	20403 ASHF_T2	0	0	0	0	0	0	0.37	0.25	0	0	0	0	0	0
11/6/2023 19:06	53501 EVIL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/6/2023 19:06	54501 ENOL_T2	1	0	-1	7.1	0	-7.1	-0.57	-0.56	1	1	0	600	600	0
11/6/2023 19:07	52403 GRPA_T2	0	43	43	0	0.17	0.17	-0.01	-0.1	0	0	0	0	0	0
11/6/2023 19:07	57403 SPAN_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/6/2023 19:07	66502 SMAN_T2	9	0	-9	0.14	0	-0.14	0	0	0	0	0	0	0	0
11/6/2023 19:07	58401 MORO_T1	0	0	0	0	0	0	-1.03	-1.04	1	1	0	600	600	0
11/6/2023 19:07	53903 HALI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/6/2023 19:07	40602 PIGR_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/6/2023 19:07	54502 ENOL_T2	0	0	0	0	0	0	-1.35	-1.34	0	0	0	0	0	0
11/6/2023 19:07	67002 STHI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/6/2023 19:07	41902 REED_T1	3	0	-3	0.43	0	-0.43	1.04	0.98	0	0	0	0	0	0
11/6/2023 19:07	15103 UPHA_T2	0	0	0	0	0	0	0.38	0.35	0	0	0	0	0	0
11/6/2023 19:07	56801 BENV_T1	19	23	4	0.3	0.4	0.1	-1.64	-1.58	2	2	0	1200	1200	0
11/6/2023 19:07	59101 WALK_T2	1	1	0	0	0	0	0.6	0.75	0	0	0	0	0	0
11/6/2023 19:07	56501 ROCK_T2	114	75	-39	0.19	0.15	-0.04	-1.6	-1.54	0	0	0	0	0	0
11/6/2023 19:08	42801 SELI_T1	1	1	0	0	0	0	0	0	0	0	0	0	0	0
11/6/2023 19:08	54202 PENN_T2	0	0	0	0	0	0	0.54	0.58	0	0	0	0	0	0
11/6/2023 19:08	41902 REED_T1	3	0	-3	0.43	0	-0.43	1.04	0.98	0	0	0	0	0	0
11/6/2023 19:08	56501 ROCK_T2	114	75	-39	0.19	0.15	-0.04	-1.6	-1.54	0	0	0	0	0	0
11/6/2023 19:08	45501 DERR_T2	0	0	0	0	0	0	0.72	0.92	2	2	0	1800	1800	0
11/6/2023 19:08	56801 BENV_T1	19	23	4	0.3	0.4	0.1	-0.82	-0.79	1	1	0	600	600	0
11/6/2023 19:08	44802 EDAN_T2	0	0	0	0	0	0	-0.9	-0.91	0	0	0	0	0	0
11/6/2023 19:08	55105 WERT_T1	0	0	0	0	0	0	-0.73	-0.71	1	1	0	900	900	0
11/6/2023 19:08	59101 WALK_T2	1	1	0	0	0	0	0.6	0.75	0	0	0	0	0	0
11/6/2023 19:08	64101 REFR_T1	0	0	0	0	0	0	-0.14	-0.17	0	0	0	0	0	0
11/6/2023 19:08	45802 HEGI_T2	0	2	2	0	0	0	0.64	0.65	0	0	0	0	0	0
11/6/2023 19:08	57401 SPAN_T1	2	2	0	0.55	0.45	-0.1	-0.24	-0.25	1	1	0	600	600	0
11/6/2023 19:08	67602 WARW_T2	0	0	0	0	0	0	1.28	1.23	0	0	0	0	0	0
11/6/2023 19:09	56801 BENV_T1	19	23	4	0.3	0.4	0.1	-0.82	-0.79	1	1	0	600	600	0
11/6/2023 19:09	57401 SPAN_T1	2	2	0	0.55	0.45	-0.1	0	0	0	0	0	0	0	0
11/6/2023 19:09	57403 SPAN_T1	0	0	0	0	0	0	0.03	0.02	0	0	0	0	0	0
11/6/2023 19:09	66502 SMAN_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/6/2023 19:09	61303 EARL_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/6/2023 19:09	52401 GRPA_T2	0	1	1	0	0.1	0.1	0	0	0	0	0	0	0	0
11/6/2023 19:09	56802 BENV_T2	70	184	114	0.21	0.29	0.08	-2.96	-3	0	0	0	0	0	0
11/6/2023 19:09	57402 SPAN_T2	0	0	0	0	0	0	-1.27	-1.25	0	0	0	0	0	0
11/6/2023 19:09	56501 ROCK_T2	114	75	-39	0.19	0.15	-0.04	-1.6	-1.54	0	0	0	0	0	0
11/6/2023 19:09	54701 NEBL_T1	0	0	0	0	0	0	0	0	1	1	0	600	600	0
11/6/2023 19:10	52402 GRPA_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/6/2023 19:10	40101 HUNT_T2	6	10	4	0.47	0.43	-0.04	-0.49	-0.5	0	0	0	0	0	0
11/6/2023 19:10	56801 BENV_T1	19	23	4	0.3	0.4	0.1	-0.82	-0.79	1	1	0	600	600	0
11/6/2023 19:10	54701 NEBL_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/6/2023 19:10	57403 SPAN_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/6/2023 19:10	58402 MORO_T1	1	1	0	0.2	0.1	-0.1	-0.91	-0.9	2	2	0	1500	1500	0
11/6/2023 19:11	58402 MORO_T1	1	1	0	0.2	0.1	-0.1	-0.9	-1	2	2	0	1500	1500	0
11/6/2023 19:11	56801 BENV_T1	19	23	4	0.3	0.4	0.1	-0.79	-0.81	1	1	0	600	600	0
11/6/2023 19:11	67002 STHI_T2	0	0	0	0	0	0	0.57	0.58	0	0	0	0	0	0
11/6/2023 19:11	54501 ENOL_T2	1	0	-1	7.1	0	-7.1	0	0	0	0	0	0	0	0
11/6/2023 19:11	56501 ROCK_T2	114	75	-39	0.19	0.15	-0.04	-1.54	-1.55	0	0	0	0	0	0
11/6/2023 19:11	57304 MOAL_T2	1	4	3	0.4	0.18	-0.22	-0.57	-0.56	0	0	0	0	0	0
11/6/2023 19:11	53501 EVIL_T2	2	2	0	0.15	0.2	0.05	-1.45	-1.43	2	2	0	1200	1200	0
11/6/2023 19:11	56802 BENV_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/6/2023 19:13	53903 HALI_T2	2	2	0	0.95	0.9	-0.05	0	0	0	0	0	0	0	0
11/6/2023 19:13	56504 ROCK_T2	0	0	0	0	0	0	-0.17	-0.17	0	0	0	0	0	0
11/6/2023 19:14	54206 PENN_T2	0	0	0	0	0	0	-0.04	-0.03	0	0	0	0	0	0
11/6/2023 19:14	53903 HALI_T2	2	2	0	0.95	0.9	-0.05	-0.13	-0.12	0	0	0	0	0	0
11/6/2023 19:14	56801 BENV_T1	19	23	4	0.3	0.4	0.1	-1.58	-1.62	2	2	0	1200	1200	0
11/6/2023 19:15	43402 BENT_T1	0	0	0	0	0	0	-1.56	-1.57	2	2	0	1500	1500	0
11/6/2023 19:15	63802 HEMP_T1	0	0	0	0	0	0	-0.61	-0.55	0	0	0	0	0	0
11/6/2023 19:15	51201 MTON_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/6/2023 19:15	67502 WEWI_T2	0	0	0	0	0	0	-0.51	-0.47	0	0	0	0	0	0
11/6/2023 19:29	43402 BENT_T1	0	0	0	0	0	0	-1.57	-1.56	2	2	0	1500	1500	0
11/6/2023 19:38	65001 NEFF_T2	0	1	1	0	0.1	0.1	-0.89	-0.87	1	1	0	1200	1200	0
11/6/2023 19:43	26401 INOR_T1	0	0	0	0	0	0	0.23	0.23	0	0	0	0	0	0
11/6/2023 19:48	64201 KINZ_T1	1	13	12	0.4	0.19	-0.21	0	0	0	0	0	0	0	0
11/6/2023 19:49	61303 EARL_T1	0	0	0	0	0	0	0.04	-0.01	0	0	0	0	0	0
11/6/2023 19:50	65604 QVIL_T2	0	0	0	0	0	0	0.29	0.28	0	0	0	0	0	0
11/6/2023 19:51	13606 RICH_T2	0	0	0	0	0	0	0.95	0.85	0	0	0	0	0	0
11/6/2023 19:51	60803 BUCK_T1	1	4	3	0.1	0.13	0.03	-0.88	-0.86	1	1	0	600	600	0
11/6/2023 19:51	56802 BENV_T2	204	149	-55	0.34	0.23	-0.11	-1.56	-1.49	0	0	0	0	0	0
11/6/2023 19:52	46302 ROHR_T1	4	4	0	0.23	0.48	0.25	0.16	0.15	0	0	0	0	0	0
11/6/2023 19:52	56802 BENV_T2	204	149	-55	0.34	0.23	-0.11	-1.56	-1.49	0	0	0	0	0	0
11/6/2023 19:52	16301 ALPA_T1	1	2	1	0.5	0.35	-0.15	-0.47	-0.5	0	0	0	0	0	0
11/6/2023 19:53	56504 ROCK_T2	0	0	0	0	0	0	-0.18	-0.17	0	0	0	0	0	0
11/6/2023 19:53	65001 NEFF_T2	0	4	4	0	0.1	0.1	0	0	0	0	0	0	0	0
11/6/2023 19:53	64902 MILL_T2	0	0	0	0	0	0	-0.81	-0.83	1	1	0	900	900	0
11/6/2023 19:53	27502 WEIS_T2	0	0	0	0	0	0	-0.64	-0.67	0	0	0	0	0	0
11/6/2023 19:54	29402 BELT_T1	1	1	0	8.4	8.6	0.2	0	0	0	0	0	0	0	0
11/6/2023 19:54	67502 WEWI_T2	0	0	0	0	0	0	-0.52	-0.49	0	0	0	0	0	0
11/6/2023 19:54	10805 CHHI_T2	1	1	0	7.3	7.3	0	-1.22	-1.25	1	1	0	600	600	0
11/6/2023 19:54	60201 ATGL_T2	0	0	0	0	0	0	0.32	0.35	0	0	0	0	0	0
11/6/2023 19:54	13901 SEID_T1	0	0	0	0	0	0	0.15	0.17	0	0	0	0	0	0
11/6/2023 19:55	29402 BELT_T1	1	1	0	8.4	8.6	0.2	0	0	0	0	0	0	0	0
11/6/2023 19:55	26401 INOR_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/6/2023 19:55	28403 HART_T2	0	0	0	0	0	0	-0.72	-0.73	1	1	0	900	900	0
11/6/2023 19:55	10602 BLGL_T2	0	0	0	0	0	0	0.06	0.04	0	0	0	0	0	0
11/6/2023 19:55	44601 SALE_T2	0	0	0	0	0	0	0.45	0.35	1	1	0	600	600	0
11/6/2023 19:55	23301 JEFF_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/6/2023 19:55	45501 DERR_T2	0	0	0	0	0	0	0.94	1.04	2	2	0	1800	1800	0
11/6/2023 19:56	54501 ENOL_T2	0	1	1	0	0.1	0.1	-0.57	-0.57	1	1	0	600	600	0
11/6/2023 19:56	42201 SHEN_T2	0	0	0	0	0	0	-0.23	-0.27	1	1	0	600	600	0
11/6/2023 19:56	29402 BELT_T1	1	1	0	8.4	8.6	0.2	0	0	0	0	0	0	0	0
11/6/2023 19:56	64204 KINZ_T1	44	58	14	0.33	0.36	0.03	0	0	0	0	0	0	0	0
11/6/2023 19:56	17802 GILB_T1	0	0	0	0	0	0	0.04	0.04	0	0	0	0	0	0
11/6/2023 19:56	64702 LITI_T2	0	0	0	0	0	0	-0.72	-0.73	0	0	0	0	0	0
11/6/2023 19:56	16301 ALPA_T1	1	2	1	0.5	0.35	-0.15	-0.5	-0.48	0	0	0	0	0	0
11/6/2023 19:56	44601 SALE_T2	0	0	0	0	0	0	0.35	0.36	1	1	0	600	600	0
11/6/2023 19:56	13704 SCHN_T2	0	1	1	0	0	0	0.44	0.43	0	0	0	0	0	0
11/6/2023 19:56	46001 BERW_T1	0	0	0	0	0	0	0.7	0.74	0	0	0	0	0	0
11/6/2023 19:57	67502 WEWI_T2	0	0	0	0	0	0	-0.49	-0.48	0	0	0	0	0	0
11/6/2023 19:57	29402 BELT_T1	1	1	0	8.4	8.6	0.2	0	0	0	0	0	0	0	0
11/6/2023 19:57	43302 WATS_T2	4	4	0	0.75	0.6	-0.15	0	0	0	0	0	0	0	0
11/6/2023 19:57	66502 SMAN_T2	50	117	67	0.16	0.39	0.23	0	0	0	0	0	0	0	0
11/6/2023 19:57	46504 LOHA_T1	2	2	0	0.8	0.55	-0.25	0	0	0	0	0	0	0	0
11/6/2023 19:57	13302 ORVI_T2	123	103	-20	0.19	0.21	0.02	0.92	0.96	0	0	0	0	0	0
11/6/2023 19:57	16302 ALPA_T2	0	0	0	0	0	0	1.18	1.14	0	0	0	0	0	0
11/6/2023 19:57	42503 ALTA_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/6/2023 19:57	10801 CHHI_T1	1	0	-1	0.5	0	-0.5	-0.97	-0.96	1	1	0	900	900	0
11/6/2023 19:57	41801 GOCI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/6/2023 19:58	45501 DERR_T2	0	0	0	0	0	0	2.08	1.92	4	4	0	3600	3600	0
11/6/2023 19:58	29402 BELT_T1	1	1	0	8.4	8.6	0.2	0	0	0	0	0	0	0	0
11/6/2023 19:58	16301 ALPA_T1	1	2	1	0.5	0.35	-0.15	-0.5	-0.48	0	0	0	0	0	0
11/6/2023 19:58	43202 MVIL_T2	0	0	0	0	0	0	-0.74	-0.75	0	0	0	0	0	0
11/6/2023 19:58	43301 WATS_T2	1	1	0	0.1	0.7	0.6	-0.65	-0.66	1	1	0	900	900	0
11/6/2023 19:58	65604 QVIL_T2	0	0	0	0	0	0	0.28	0.29	0	0	0	0	0	0
11/6/2023 19:58	44502 HAMI_T2	1	2	1	3	1.85	-1.15	-0.82	-0.8	0	0	0	0	0	0
11/6/2023 19:58	20403 ASHF_T2	0	0	0	0	0	0	0.2	0.2	0	0	0	0	0	0
11/6/2023 19:58	16302 ALPA_T2	0	0	0	0	0	0	0.59	0.57	0	0	0	0	0	0
11/6/2023 19:58	47802 MOCA_T2	0	0	0	0	0	0	0.25	0.23	0	0	0	0	0	0
11/6/2023 19:58	52502 PROG_T2	0	0	0	0	0	0	0.25	0.21	0	0	0	0	0	0
11/6/2023 19:58	67502 WEWI_T2	0	0	0	0	0	0	-0.49	-0.48	0	0	0	0	0	0
11/6/2023 19:58	42701 AUGU_T1	0	0	0	0	0	0	0	0	2	2	0	1800	1800	0
11/6/2023 19:58	53501 EVIL_T2	2	3	1	0.15	0.5	0.35	-1.45	-1.39	2	2	0	1200	1200	0
11/6/2023 19:59	52004 LING_T2	0	0	0	0	0	0	0.18	0.18	0	0	0	0	0	0
11/6/2023 19:59	46602 LACR_T1	0	0	0	0	0	0	-0.22	-0.2	0	0	0	0	0	0
11/6/2023 19:59	44802 EDAN_T2	0	0	0	0	0	0	-0.87	-0.91	0	0	0	0	0	0
11/6/2023 19:59	67001 STHI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/6/2023 19:59	66503 SMAN_T2	186	224	38	0.23	0.4	0.17	0	0	0	0	0	0	0	0
11/6/2023 19:59	46001 BERW_T1	0	0	0	0	0	0	0.7	0.74	0	0	0	0	0	0
11/6/2023 19:59	43304 WATS_T2	1	0	-1	0.8	0	-0.8	-0.44	-0.4	0	0	0	0	0	0
11/6/2023 19:59	42203 SHEN_T2	0	1	1	0	0	0	0	0	0	0	0	0	0

11/7/2023 8:48	41305 FISH_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/7/2023 8:49	41301 FISH_T1	3	3	0	0.97	1.3	0.33	0	0	0	0	0	0	0	0
11/7/2023 8:49	41304 FISH_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/7/2023 8:49	41301 FISH_T1	3	3	0	0.97	1.3	0.33	0	0	0	0	0	0	0	0
11/7/2023 8:50	41301 FISH_T1	3	3	0	0.97	1.3	0.33	-0.58	-0.57	0	0	0	0	0	0
11/7/2023 8:50	41304 FISH_T2	0	0	0	0	0	0	0.39	0.37	0	0	0	0	0	0
11/7/2023 8:50	41301 FISH_T1	3	3	0	0.97	1.3	0.33	-0.58	-0.57	0	0	0	0	0	0
11/7/2023 8:51	41304 FISH_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/7/2023 8:53	41301 FISH_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/7/2023 9:00	53903 HAU_T2	2	3	1	1.45	1	-0.45	-0.18	-0.14	0	0	0	0	0	0
11/7/2023 9:00	13901 SEID_T1	0	0	0	0	0	0	0.17	0.16	0	0	0	0	0	0
11/7/2023 9:00	52503 PROG_T2	0	0	0	0	0	0	-0.74	-0.77	1	1	0	900	900	0
11/7/2023 9:02	42801 SELI_T1	1	1	0	0	0	0	0	0	0	0	0	0	0	0
11/7/2023 9:02	45502 DERR_T2	1	0	-1	0.4	0	-0.4	0	0	0	0	0	0	0	0
11/7/2023 9:02	56802 BENV_T2	149	195	46	0.23	0.22	-0.01	-1.47	-1.43	0	0	0	0	0	0
11/7/2023 9:06	66502 SMAN_T2	0	0	0	0	0	0	0	0	1	1	0	900	900	0
11/7/2023 9:06	66503 SMAN_T2	0	0	0	0	0	0	-0.36	-0.25	0	0	0	0	0	0
11/7/2023 9:07	64802 MONE_T2	50	62	12	0.22	0.29	0.07	-0.01	-0.01	0	0	0	0	0	0
11/7/2023 9:07	11401 FARM_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/7/2023 9:08	43001 ALWD_T1	0	1	1	0	0.1	0.1	0	0	0	0	0	0	0	0
11/7/2023 9:09	43001 ALWD_T1	0	1	1	0	0.1	0.1	0	0	0	0	0	0	0	0
11/7/2023 9:10	45501 DERR_T2	1	0	-1	0.4	0	-0.4	0.93	0.96	2	2	0	1800	1800	0
11/7/2023 9:13	45502 DERR_T2	1	0	-1	0.4	0	-0.4	0	0	0	0	0	0	0	0
11/7/2023 9:16	46903 MNTG_T2	0	0	0	0	0	0	0.09	0.25	1	1	0	600	600	0
11/7/2023 9:17	55002 NEWP_T1	6	17	11	0.73	0.6	-0.13	-0.18	-0.26	0	0	0	0	0	0
11/7/2023 9:19	55002 NEWP_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/7/2023 9:20	55002 NEWP_T1	6	17	11	0.73	0.6	-0.13	-0.18	-0.26	0	0	0	0	0	0
11/7/2023 9:20	49804 UNIV_T1	1	1	0	0.4	0.7	0.3	0	0	0	0	0	0	0	0
11/7/2023 9:23	45501 DERR_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/7/2023 9:24	56802 BENV_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/7/2023 9:24	45501 DERR_T2	0	0	0	0	0	0	0.96	1.06	2	2	0	1800	1800	0
11/7/2023 9:25	56802 BENV_T2	123	229	106	0.2	0.24	0.04	-2.86	-2.88	0	0	0	0	0	0
11/7/2023 9:26	56802 BENV_T2	123	229	106	0.2	0.24	0.04	-1.44	-1.46	0	0	0	0	0	0
11/7/2023 9:27	56802 BENV_T2	123	229	106	0.2	0.24	0.04	-1.44	-1.46	0	0	0	0	0	0
11/7/2023 9:28	56802 BENV_T2	123	229	106	0.2	0.24	0.04	-1.44	-1.46	0	0	0	0	0	0
11/7/2023 9:29	45501 DERR_T2	0	0	0	0	0	0	1.06	1.14	2	2	0	1800	1800	0
11/7/2023 9:29	43402 BENT_T1	0	0	0	0	0	0	-1.56	-1.53	2	2	0	1500	1500	0
11/7/2023 9:32	43202 MVIL_T2	0	0	0	0	0	0	-0.65	-0.64	0	0	0	0	0	0
11/7/2023 9:33	57401 SPAN_T1	72	346	274	0.18	0.36	0.18	-1.12	-1.13	1	1	0	600	600	0
11/7/2023 9:35	57403 SPAN_T1	36	125	89	0.28	0.26	-0.02	0	0	0	0	0	0	0	0
11/7/2023 9:35	43202 MVIL_T2	0	0	0	0	0	0	-0.65	-0.64	0	0	0	0	0	0
11/7/2023 9:36	67502 WEWI_T2	3	37	34	0.13	0.13	0	0	0	0	0	0	0	0	0
11/7/2023 9:36	57401 SPAN_T1	72	346	274	0.18	0.36	0.18	-2.24	-2.26	2	2	0	1200	1200	0
11/7/2023 9:37	57401 SPAN_T1	72	346	274	0.18	0.36	0.18	-1.12	-1.13	1	1	0	600	600	0
11/7/2023 9:38	57403 SPAN_T1	36	125	89	0.28	0.26	-0.02	0	0	0	0	0	0	0	0
11/7/2023 9:38	57403 SPAN_T1	36	125	89	0.28	0.26	-0.02	0	0	0	0	0	0	0	0
11/7/2023 9:38	44301 BEAV_T2	1	1	0	1.7	1.1	-0.6	0.19	-0.06	2	2	0	1500	1500	0
11/7/2023 9:39	29401 BELT_T1	1	11	10	0.1	0.11	0.01	0	0	0	0	0	0	0	0
11/7/2023 9:39	57403 SPAN_T1	36	125	89	0.28	0.26	-0.02	0	0	0	0	0	0	0	0
11/7/2023 9:41	54506 ENOL_T2	0	0	0	0	0	0	-1.11	-1.13	1	1	0	600	600	0
11/7/2023 9:42	54505 ENOL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/7/2023 9:42	41801 GOCI_T2	0	2	2	0	0.3	0.3	0	0	0	0	0	0	0	0
11/7/2023 9:44	10801 CHHI_T1	0	0	0	0	0	0	-0.69	-0.82	1	1	0	900	900	0
11/7/2023 9:44	54505 ENOL_T2	1	1	0	1	1.2	0.2	0	0	0	0	0	0	0	0
11/7/2023 9:44	41801 GOCI_T2	0	2	2	0	0.3	0.3	0	0	0	0	0	0	0	0
11/7/2023 9:45	40902 JESH_T1	0	0	0	0	0	0	-0.78	-0.79	2	2	0	1200	1200	0
11/7/2023 9:47	58402 MORO_T1	0	0	0	0	0	0	-1.21	-1.18	2	2	0	1500	1500	0
11/7/2023 9:47	64101 REFR_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/7/2023 9:47	43201 MVIL_T2	0	1	1	0	0	0	-0.38	-0.39	0	0	0	0	0	0
11/7/2023 9:48	64101 REFR_T1	0	0	0	0	0	0	-0.22	-0.22	0	0	0	0	0	0
11/7/2023 9:48	58401 MORO_T1	2	2	0	0.35	0.15	-0.2	0	0	0	0	0	0	0	0
11/7/2023 9:49	41901 REED_T1	2	2	0	0.2	0.2	0	-1.33	-1.26	1	1	0	900	900	0
11/7/2023 9:49	66502 SMAN_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/7/2023 9:50	64101 REFR_T1	0	0	0	0	0	0	-0.65	-0.65	0	0	0	0	0	0
11/7/2023 9:51	16302 ALPA_T2	0	0	0	0	0	0	-0.74	-0.72	0	0	0	0	0	0
11/7/2023 9:52	66503 SMAN_T2	1	0	-1	0.1	0	-0.1	0	0	0	0	0	0	0	0
11/7/2023 9:52	64101 REFR_T1	0	0	0	0	0	0	-0.22	-0.22	0	0	0	0	0	0
11/7/2023 9:53	16302 ALPA_T2	0	0	0	0	0	0	-0.74	-0.72	0	0	0	0	0	0
11/7/2023 9:53	66504 SMAN_T2	0	1	1	0	0.2	0.2	-0.32	-0.38	0	0	0	0	0	0
11/7/2023 9:53	29401 BELT_T1	9	16	7	0.11	0.11	0	0	0	0	0	0	0	0	0
11/7/2023 9:54	16302 ALPA_T2	0	0	0	0	0	0	-0.74	-0.72	0	0	0	0	0	0
11/7/2023 9:56	16302 ALPA_T2	0	0	0	0	0	0	-0.72	-0.76	0	0	0	0	0	0
11/7/2023 9:58	53601 DALM_T2	1	1	0	0.9	0.6	-0.3	-0.02	-0.18	0	0	0	0	0	0
11/7/2023 10:01	54701 NEBL_T1	0	0	0	0	0	0	0	0	1	1	0	600	600	0
11/7/2023 10:02	46203 DANV_T2	2	8	6	0.55	0.7	0.15	-1.47	-1.47	0	0	0	0	0	0
11/7/2023 10:02	60504 NMAN_T2	0	1	1	0	0.1	0.1	0	0	0	0	0	0	0	0
11/7/2023 10:02	42002 MNVL_T2	1	7	6	5.9	0.9	-5	0	0	0	0	0	0	0	0
11/7/2023 10:02	55002 NEWP_T1	10	15	5	0.66	0.75	0.09	-0.19	-0.22	0	0	0	0	0	0
11/7/2023 10:04	46702 RENO_T1	0	0	0	0	0	0	-0.15	-0.14	0	0	0	0	0	0
11/7/2023 10:04	66505 SMAN_T2	0	0	0	0	0	0	0	0	2	2	0	1100	1100	0
11/7/2023 10:04	55002 NEWP_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/7/2023 10:05	62604 ENGL_T1	0	0	0	0	0	0	0	0	1	1	0	600	600	0
11/7/2023 10:05	54701 NEBL_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/7/2023 10:05	55002 NEWP_T1	10	15	5	0.66	0.75	0.09	-0.19	-0.22	0	0	0	0	0	0
11/7/2023 10:06	29402 BELT_T1	1	2	1	8.3	4.5	-3.8	0	0	0	0	0	0	0	0
11/7/2023 10:06	57403 SPAN_T1	62	43	-19	0.28	0.3	0.02	0	0	0	0	0	0	0	0
11/7/2023 10:06	55002 NEWP_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/7/2023 10:07	59101 WALK_T2	1	1	0	0	0	0	2.08	2.07	0	0	0	0	0	0
11/7/2023 10:07	62604 ENGL_T1	0	0	0	0	0	0	0	0	2	2	0	1200	1200	0
11/7/2023 10:07	56803 BENV_T1	4	6	2	1.63	0.65	-0.98	0	0	0	0	0	0	0	0
11/7/2023 10:07	43304 WATS_T2	0	0	0	0	0	0	-0.3	-0.36	0	0	0	0	0	0
11/7/2023 10:07	57401 SPAN_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/7/2023 10:08	56801 BENV_T1	51	55	4	1.05	1.27	0.22	-0.83	-0.82	1	1	0	600	600	0
11/7/2023 10:08	59102 WALK_T2	1	0	-1	0.5	0	-0.5	0	0	0	0	0	0	0	0
11/7/2023 10:08	56802 BENV_T2	87	245	158	0.2	0.2	0	-1.43	-1.46	0	0	0	0	0	0
11/7/2023 10:09	56802 BENV_T2	87	245	158	0.2	0.2	0	-1.43	-1.46	0	0	0	0	0	0
11/7/2023 10:09	43304 WATS_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/7/2023 10:09	14403 SSLA_T1	0	0	0	0	0	0	0.88	0.86	0	0	0	0	0	0
11/7/2023 10:10	29402 BELT_T1	1	2	1	8.3	4.5	-3.8	0	0	0	0	0	0	0	0
11/7/2023 10:10	26401 INOR_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/7/2023 10:10	56803 BENV_T1	4	6	2	1.63	0.65	-0.98	0	0	0	0	0	0	0	0
11/7/2023 10:11	54505 ENOL_T2	1	1	0	0.9	0.8	-0.1	0	0	0	0	0	0	0	0
11/7/2023 10:11	56802 BENV_T2	87	245	158	0.2	0.2	0	-1.46	-1.43	0	0	0	0	0	0
11/7/2023 10:11	53501 EVIL_T2	8	4	-4	0.51	0.5	-0.01	-0.25	-0.2	2	2	0	1200	1200	0
11/7/2023 10:11	56803 BENV_T1	4	6	2	1.63	0.65	-0.98	0	0	0	0	0	0	0	0
11/7/2023 10:12	56801 BENV_T1	51	55	4	1.05	1.27	0.22	-0.82	-0.82	1	1	0	600	600	0
11/7/2023 10:12	53501 EVIL_T2	8	4	-4	0.51	0.5	-0.01	-0.25	-0.2	2	2	0	1200	1200	0
11/7/2023 10:12	56802 BENV_T2	87	245	158	0.2	0.2	0	-2.92	-2.86	0	0	0	0	0	0
11/7/2023 10:13	28403 HART_T2	0	0	0	0	0	0	-0.88	-0.89	1	1	0	900	900	0
11/7/2023 10:13	46602 LACR_T1	0	0	0	0	0	0	-0.24	-0.22	0	0	0	0	0	0
11/7/2023 10:13	53501 EVIL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/7/2023 10:14	53501 EVIL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/7/2023 10:15	53501 EVIL_T2	4	2	-2	0.5	0.2	-0.3	-0.25	-0.2	2	2	0	1200	1200	0
11/7/2023 10:16	42902 MIDD_T2	0	1	1	0	0.4	0.4	-0.52	-0.48	2	2	0	1200	1200	0
11/7/2023 10:17	42902 MIDD_T2	0	1	1	0	0.4	0.4	-0.26	-0.24	1	1	0	600	600	0
11/7/2023 10:17	56501 ROCK_T2	7	9	2	0.29	0.37	0.08	-0.22	-0.47	0	0	0	0	0	0
11/7/2023 10:19	40602 PIGR_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/7/2023 10:19	46203 DANV_T2	2	8	6	1.35	0.7	-0.65	-1.47	-1.48	0	0	0	0	0	0
11/7/2023 10:20	66505 SMAN_T2	0	0	0	0	0	0	0	0	2	2	0	1100	1100	0
11/7/2023 10:20	55002 NEWP_T1	15	16	1	0.59	0.79	0.2	-0.22	-0.19	0	0	0	0	0	0
11/7/2023 10:21	46203 DANV_T2	2	8	6	1.35	0.7	-0.65	0	0	0	0	0	0	0	0
11/7/2023 10:21	65001 NEFF_T2	0	0	0	0	0	0	-0.38	-0.39	1	1	0	1200	1200	0
11/7/2023 10:21	40602 PIGR_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/7/2023 10:22	13701 SCHN_T2	0	3	3	0	0.27	0.27	0	0	0	0	0	0	0	0
11/7/2023 10:22	62604 ENGL_T1	0	0	0	0	0	0	0	0	1	1	0	600	600	0
11/7/2023 10:22	16302 ALPA_T2	0	0	0	0	0	0	-0.76	-0.66	0	0	0	0	0	0
11/7/2023 10:22	43304 WATS_T2	0	0	0	0	0	0	-1.07	-1.73	0	0	0	0	0	0
11/7/2023 10:22	67502 WEWI_T2	0	1	1	0	0.1	0.1	-0.19	-0.22	0	0	0	0	0	0
11/7/2023 10:22	15001 BLMO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/7/2023 10:23	15001 BLMO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/7/2023 10:23	43301 WATS_T2	1	1	0	0.5	0.8	0.3	0	0	0	0	0	0	0	0
11/7/2023 10:23	28601 BLYT_T2	0	1	1	0	0	0	0	0	0	0	0	0	0	0
11/7/2023 10:24	14403 SSLA_T1	0	1	1	0	0.2	0.2	0.86	0.86	0	0	0	0	0	0
11/7/2023 10:24	16302 ALPA_T2	0	0	0	0	0	0	-1.52	-1.32	0	0	0	0	0	0
11/7/2023 10:24	67502 WEWI_T2	0	1	1	0	0.1	0.1	-0.38	-0.44	0	0	0	0	0	0
11/7/2023 10:24	20403 ASHF_T2	0	5	5	0	0.4	0.4	0.47	0.42	0	0	0	0	0	0
11/7/2023 10:24	15001 BLMO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/7/2023 10:25	28604 BLYT_T2	1	0	-1	0.1	0	-0.1	-1.47	-1.47	0	0	0	0	0	0
11/7/2023 10:26	20403 ASHF_T2	0	5	5	0	0.4	0.4	0.42	0.42	0	0	0	0	0	0
11/7/2023 10:26	54501 ENOL_T2	0	2	2	0	0.1	0.1	-0.59	-0.59	1	1	0	600	600	0
11/7/2023 10:26	16302 ALPA_T2	0	0	0	0	0	0	-0.66	-0.69	0	0	0	0	0	0
11/7/2023 10:28	52401 GRPA_T2	0	0	0	0	0	0	-0.55	-0.55	0	0	0	0	0	0
11/7/2023 10:28	61803 EELI_T2	1	1	0	0.6	0.7	0.1	0	0	0	0	0	0	0	0
11/7/2023 10:30	42902 MIDD_T2	1	1	0	0.1	0.5	0.4	-0.24	-0.24	1	1	0	600	600	0
11/7/2023 10:31	65001 NEFF_T2	0	0	0	0	0	0	-0.39	-0.36	1	1	0	1200	1200	0
11/7/2023 10:32	45702 LIND_T2	1	1	0	0.8	1.3	0.5	-0.44	-0.46	0	0	0	0	0	0
11/7/2023 10:33	13701 SCHN_T2	0	4	4	0	0.28	0.28	0	0	0	0	0	0	0	0
11/7/2023 10:33	46203 DANV_T2	8	3	-5	0.7	0.77	0.07	0	0	0	0	0	0	0	0
11/7/2023 10:36	13701 SCHN_T2	0	4	4	0	0.28	0.28	0	0	0	0	0	0	0	0
11/7/2023 10:36	16302 ALPA_T2	0	0	0	0	0	0	-0.66	-0.69	0	0	0	0	0	0
11/7/2023 10:36	62604 ENGL_T1	0	0	0	0	0	0	0	0	1	1	0	600	600	0
11/7/2023 10:37	43301 WATS_T2	1	1	0	0.8	0.8	0	-0.68	-0.63	1	1	0	900	900	0
11/7/2023 10:37	64101 REFR_T1	0	0	0	0	0	0	-0.21	-0.23	0	0	0	0	0	0
11/7/2023 10:38	16302 ALPA_T2	0	0	0	0	0	0	-0.66	-0.69	0	0	0	0	0	0
11/7/2023 10:39	16302 ALPA_T2	0	0	0	0	0	0	-0.66	-0.69	0	0	0	0	0	0
11/7/2023 10:39	42701 AUGU_T1	1	1	0	0.4	0.6	0.2	0	0	4	4	0	3600	3600	0
11/7/2023 10:40	29401 BELT_T1	21	35	14	0.13	0.18	0.05	0	0	0	0	0	0	0	0
11/7/2023 10:40	16302 ALPA_T2	0	0	0	0	0	0	-0.66	-0.69	0	0	0	0	0	0
11/7/2023 10:41	17802 GILB_T1	0	5	5	0	0.76	0.76	0.01	0.01	0	0	0	0	0	0
11/7/2023 10:43	64203 KINZ_T1	0	1	1	0	0	0	-0.23	-0.1	1	1	0	600	600	0
11/7/2023 10:43	46801 HEPB_T2	2	2	0	0.35	0.3	-0.05	0.55	0.57	0	0	0	0	0	0
11/7/2023 10:43	52403 GRPA_T2	2	4	2	0.25	0.43	0.18	0.01	0.03	0	0	0	0	0	0
11/7/2023 10:44	52002 LING_T2	1	1	0	0.4	0.2	-0.2	0	0	0	0	0	0	0	0
11/7/2023 10:44	40101 HUNT_T2	1	2	1	0.2	0.2	0	-0.17	-0.14	0	0	0	0	0	0
11/7/2023 10:45	52402 GRPA_T2	5	206	201	1.22	4.78	3.56	0	0	0	0	0	0	0	0
11/7/2023 10:47	13302 ORVI_T2	1	0	-1	0.1	0	-0.1	1	1.02	0	0	0	0	0	0
11/7/2023 10:48	52502 PROG_T2	0	0	0	0	0	0	-0.78	-0.77	1	1	0	900	900	0
11/7/2023 10:48	13105 NHAM_T2	0	0	0	0	0	0	-0.35	-0.32	1	1	0	1200	1200	0
11/7/2023 10:49	54001 SDLE_T1	7	7	0	0.8	0.91	0.11	0	0	1	1	0	600	600	0
11/7/2023 10:49	14404 SSLA_T1	1	2	1	0.2	0.3	0.1	0	0	0	0	0	0	0	0
11/7/2023 10:50	54001 SDLE_T1	7	7	0	0.8	0.91	0.11	0	0	1	1	0	600	600	0
11/7/2023 10:50	67503 WEWI_T2	0	0	0	0	0	0	-0.48	-0.5	0	0	0	0	0	0
11/7/2023 10:50	14402 SSLA_T1	1	3	2	0.3	0.37	0.07	0	0	0	0	0	0	0	0
11/7/2023 10:51	54701 NEBL_T1	0	1	1	0	0	0	0	0	1	1	0	600	600	0
11/7/2023 10:51	43301 WATS_T2	1	1	0	0.8	0.8	0	0	0	0	0	0	0	0	0
11/7/2023 10:51	57403 SPAN_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/7/2023 10:52	57401 SPAN_T1	24	96	72	0.3	0.22	-0.08	0	0	0	0	0	0	0	0
11/7/2023 10:52	67503 WEWI_T2	0	0	0	0	0	0	-0.48	-0.5	0	0	0	0	0	0
11/7/2023 10:52	60201 ATGL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0

11/7/2023 11:10	10805 CHNI_T2	2	7	5	4.7	9.2	4.5	-0.5	-0.35	1	1	0	600	600	0
11/7/2023 11:10	56803 BENV_T1	4	7	3	0.33	0.64	0.31	0	0	0	0	0	0	0	0
11/7/2023 11:10	46001 BERW_T1	0	0	0	0	0	0	0.92	0.9	0	0	0	0	0	0
11/7/2023 11:10	59101 WALK_T2	1	2	1	0	0.7	0.7	1.84	1.69	1	1	0	600	600	0
11/7/2023 11:11	54505 ENOL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/7/2023 11:11	16301 ALPA_T1	1	1	0	0.1	0.1	0	-0.46	-0.45	0	0	0	0	0	0
11/7/2023 11:11	66502 SMAN_T2	0	0	0	0	0	0	0	0	1	1	0	900	900	0
11/7/2023 11:12	46004 BERW_T2	0	2	2	0	0.3	0.3	0	0	0	0	0	0	0	0
11/7/2023 11:12	66502 SMAN_T2	0	0	0	0	0	0	0	0	1	1	0	900	900	0
11/7/2023 11:12	56801 BENV_T1	56	55	-1	1.14	1.2	0.06	-0.84	-0.81	1	1	0	600	600	0
11/7/2023 11:12	10805 CHNI_T2	2	7	5	4.7	9.2	4.5	-0.35	-0.35	1	1	0	600	600	0
11/7/2023 11:13	63802 HEMP_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/7/2023 11:13	39601 LNFD_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/7/2023 11:13	46504 LOHA_T1	0	2	2	0	0.8	0.8	0	0	0	0	0	0	0	0
11/7/2023 11:13	56801 BENV_T1	56	55	-1	1.14	1.2	0.06	-1.68	-1.62	2	2	0	1200	1200	0
11/7/2023 11:14	63804 HEMP_T1	1	1	0	6.1	5.9	-0.2	0	0	0	0	0	0	0	0
11/7/2023 11:15	63804 HEMP_T1	1	1	0	5.9	5.9	0	0	0	0	0	0	0	0	0
11/7/2023 11:16	63804 HEMP_T1	1	1	0	5.9	5.9	0	0	0	0	0	0	0	0	0
11/7/2023 11:17	23301 JEFF_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/7/2023 11:17	26401 INOR_T1	1	0	-1	0.2	0	-0.2	0	0	0	0	0	0	0	0
11/7/2023 11:18	56504 ROCK_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/7/2023 11:19	56501 ROCK_T2	10	9	-1	0.4	0.31	-0.09	0	0	0	0	0	0	0	0
11/7/2023 11:19	42002 MNVL_T2	3	13	10	2.13	0.73	-1.4	0	0	0	0	0	0	0	0
11/7/2023 11:20	42001 MNVL_T2	5	99	94	0.46	0.21	-0.25	0	0	0	0	0	0	0	0
11/7/2023 11:21	56504 ROCK_T2	1	0	-1	0.2	0	-0.2	-0.28	-0.22	0	0	0	0	0	0
11/7/2023 11:22	56801 BENV_T1	53	50	-3	1.21	1.07	-0.14	-0.84	-0.81	1	1	0	600	600	0
11/7/2023 11:23	56803 BENV_T1	5	8	3	0.58	0.63	0.05	0	0	0	0	0	0	0	0
11/7/2023 11:24	56501 ROCK_T2	10	9	-1	0.4	0.31	-0.09	0	0	0	0	0	0	0	0
11/7/2023 11:24	56801 BENV_T1	53	50	-3	1.21	1.07	-0.14	-1.68	-1.62	2	2	0	1200	1200	0
11/7/2023 11:24	60803 BUCK_T1	0	0	0	0	0	0	-1.88	-1.88	2	2	0	1200	1200	0
11/7/2023 11:25	56803 BENV_T1	5	8	3	0.58	0.63	0.05	0	0	0	0	0	0	0	0
11/7/2023 11:26	56801 BENV_T1	53	50	-3	1.21	1.07	-0.14	-1.62	-1.58	2	2	0	1200	1200	0
11/7/2023 11:28	66504 SMAN_T2	0	0	0	0	0	0	-0.21	-0.22	0	0	0	0	0	0
11/7/2023 11:29	64301 LINC_T1	0	0	0	0	0	0	0.03	-0.01	1	1	0	600	600	0
11/7/2023 11:30	40101 HUNT_T2	1	1	0	0.1	0.5	0.4	-0.24	-0.22	0	0	0	0	0	0
11/7/2023 11:31	40101 HUNT_T2	1	1	0	0.1	0.5	0.4	-0.24	-0.22	0	0	0	0	0	0
11/7/2023 11:32	59001 MIFF_T1	0	1	1	0	0.1	0.1	0	0	0	0	0	0	0	0
11/7/2023 11:32	40101 HUNT_T2	1	1	0	0.1	0.5	0.4	-0.24	-0.22	0	0	0	0	0	0
11/7/2023 11:33	64101 REFR_T1	0	0	0	0	0	0	-0.22	-0.18	0	0	0	0	0	0
11/7/2023 11:33	46903 MNTG_T2	10	3	-7	0.17	0.67	0.5	0.23	0.17	1	1	0	600	600	0
11/7/2023 11:33	44601 SALE_T2	0	0	0	0	0	0	0.98	0.01	1	1	0	600	600	0
11/7/2023 11:33	46901 MNTG_T2	0	2	2	0	0.1	0.1	0.72	0.63	1	1	0	1200	1200	0
11/7/2023 11:34	67502 WEWI_T2	1	5	4	0.2	0.16	-0.04	0	0	0	0	0	0	0	0
11/7/2023 11:34	13704 SCHN_T2	1	2	1	0.4	0.2	-0.2	-0.39	-0.4	0	0	0	0	0	0
11/7/2023 11:34	42201 SHEN_T2	0	0	0	0	0	0	-0.01	0	1	1	0	600	600	0
11/7/2023 11:34	59001 MIFF_T1	0	1	1	0	0.1	0.1	0	0	0	0	0	0	0	0
11/7/2023 11:35	64101 REFR_T1	0	0	0	0	0	0	-0.87	-0.74	0	0	0	0	0	0
11/7/2023 11:35	54001 SDLE_T1	7	9	2	0.67	0.6	-0.07	0	0	0	0	0	0	0	0
11/7/2023 11:35	59001 MIFF_T1	0	1	1	0	0.1	0.1	0	0	0	0	0	0	0	0
11/7/2023 11:35	67502 WEWI_T2	1	5	4	0.2	0.16	-0.04	-0.22	-0.27	0	0	0	0	0	0
11/7/2023 11:35	13704 SCHN_T2	1	2	1	0.4	0.2	-0.2	-0.39	-0.4	0	0	0	0	0	0
11/7/2023 11:36	13704 SCHN_T2	1	2	1	0.4	0.2	-0.2	-0.39	-0.4	0	0	0	0	0	0
11/7/2023 11:36	54206 PENN_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/7/2023 11:36	54001 SDLE_T1	7	9	2	0.67	0.6	-0.07	0	0	0	0	0	0	0	0
11/7/2023 11:36	67401 WAKE_T2	0	0	0	0	0	0	-1.08	-1.09	0	0	0	0	0	0
11/7/2023 11:37	13901 SEID_T1	0	0	0	0	0	0	0.14	0.12	0	0	0	0	0	0
11/7/2023 11:37	64101 REFR_T1	0	0	0	0	0	0	-0.22	-0.18	0	0	0	0	0	0
11/7/2023 11:37	67502 WEWI_T2	1	5	4	0.2	0.16	-0.04	-0.44	-0.53	0	0	0	0	0	0
11/7/2023 11:38	67502 WEWI_T2	1	5	4	0.2	0.16	-0.04	0	0	0	0	0	0	0	0
11/7/2023 11:38	45402 WILO_T2	4	5	1	0.55	0.56	0.01	0	0	0	0	0	0	0	0
11/7/2023 11:38	44601 SALE_T2	0	0	0	0	0	0	0.98	0.01	1	1	0	600	600	0
11/7/2023 11:39	14802 TREI_T2	2	5	3	0.1	0.16	0.06	0	0	0	0	0	0	0	0
11/7/2023 11:39	15103 UPHA_T2	1	0	-1	0.2	0	-0.2	0.38	0.37	0	0	0	0	0	0
11/7/2023 11:43	64202 KINZ_T1	3	3	0	0.43	0.17	-0.26	0	0	0	0	0	0	0	0
11/7/2023 11:45	42903 MIDD_T2	2	2	0	0.2	1.7	1.5	0	0	0	0	0	0	0	0
11/7/2023 11:45	46506 LOHA_T1	1	2	1	0.1	0.45	0.35	-0.45	-0.45	0	0	0	0	0	0
11/7/2023 11:45	42401 GIMA_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/7/2023 11:46	42903 MIDD_T2	2	2	0	0.2	1.7	1.5	0	0	0	0	0	0	0	0
11/7/2023 11:47	47403 PENS_T1	1	2	1	2	1.3	-0.7	0	0	0	0	0	0	0	0
11/7/2023 11:47	64204 KINZ_T1	42	87	45	0.27	0.47	0.2	0	0	0	0	0	0	0	0
11/7/2023 11:48	47403 PENS_T1	1	2	1	2	1.3	-0.7	0	0	0	0	0	0	0	0
11/7/2023 11:48	64101 REFR_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/7/2023 11:49	64101 REFR_T1	0	0	0	0	0	0	-0.18	-0.23	0	0	0	0	0	0
11/7/2023 11:49	42801 SELI_T1	1	1	0	0	0	0	0	0	0	0	0	0	0	0
11/7/2023 11:49	42903 MIDD_T2	2	2	0	0.2	1.7	1.5	0	0	0	0	0	0	0	0
11/7/2023 11:49	46901 MNTG_T2	1	1	0	0.1	0.1	0	0.63	0.43	1	1	0	1200	1200	0
11/7/2023 11:49	47403 PENS_T1	1	2	1	2	1.3	-0.7	0	0	0	0	0	0	0	0
11/7/2023 11:49	13701 SCHN_T2	1	0	-1	0.1	0	-0.1	0	0	0	0	0	0	0	0
11/7/2023 11:49	46901 MNTG_T2	1	1	0	0.1	0.1	0	0.63	0.43	1	1	0	1200	1200	0
11/7/2023 11:50	64101 REFR_T1	0	0	0	0	0	0	-0.18	-0.23	0	0	0	0	0	0
11/7/2023 11:50	54001 SDLE_T1	7	7	0	0.71	0.64	-0.07	0	0	0	0	0	0	0	0
11/7/2023 11:50	42802 SELI_T1	1	0	-1	0.2	0	-0.2	-1.1	-1.1	0	0	0	0	0	0
11/7/2023 11:51	13701 SCHN_T2	1	0	-1	0.1	0	-0.1	0	0	0	0	0	0	0	0
11/7/2023 11:51	64101 REFR_T1	0	0	0	0	0	0	-0.55	-0.68	0	0	0	0	0	0
11/7/2023 11:51	47402 PENS_T1	1	0	-1	0.1	0	-0.1	0	0	0	0	0	0	0	0
11/7/2023 11:52	14404 SSLA_T1	0	2	2	0	0.15	0.15	0	0	0	0	0	0	0	0
11/7/2023 11:52	13701 SCHN_T2	1	0	-1	0.1	0	-0.1	0	0	0	0	0	0	0	0
11/7/2023 11:52	59102 WALK_T2	5	4	-1	0.46	0.53	0.07	0	0	0	0	0	0	0	0
11/7/2023 11:52	54001 SDLE_T1	7	7	0	0.71	0.64	-0.07	0	0	0	0	0	0	0	0
11/7/2023 11:52	47402 PENS_T1	1	0	-1	0.1	0	-0.1	0	0	0	0	0	0	0	0
11/7/2023 11:52	64101 REFR_T1	0	0	0	0	0	0	-0.18	-0.23	0	0	0	0	0	0
11/7/2023 11:53	47401 PENS_T1	1	1	0	1.1	1.4	0.3	0	0	0	0	0	0	0	0
11/7/2023 11:53	59101 WALK_T2	2	3	1	0.8	1	0.2	1.64	1.51	1	1	0	600	600	0
11/7/2023 11:53	13901 SEID_T1	0	0	0	0	0	0	0.14	0.12	0	0	0	0	0	0
11/7/2023 12:00	42902 MIDD_T2	9	19	10	0.72	0.31	-0.41	-0.44	0.11	1	0	-1	600	0	-600
11/7/2023 12:01	42901 MIDD_T2	0	2	2	0	0.2	0.2	0	0	0	0	0	0	0	0
11/7/2023 12:01	46506 LOHA_T1	1	5	4	0.5	0.5	0	-0.45	-0.47	0	0	0	0	0	0
11/7/2023 12:02	64203 KINZ_T1	0	0	0	0	0	0	0.06	0.01	1	1	0	600	600	0
11/7/2023 12:02	42902 MIDD_T2	9	19	10	0.72	0.31	-0.41	-0.44	0.11	1	0	-1	600	0	-600
11/7/2023 12:03	64101 REFR_T1	0	0	0	0	0	0	-0.23	-0.22	0	0	0	0	0	0
11/7/2023 12:04	64201 KINZ_T1	0	0	0	0	0	0	0.13	-0.17	3	3	0	1500	1500	0
11/7/2023 12:04	64101 REFR_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/7/2023 12:05	64101 REFR_T1	0	0	0	0	0	0	-0.23	-0.22	0	0	0	0	0	0
11/7/2023 12:06	54001 SDLE_T1	7	7	0	0.63	0.64	0.01	0	0	0	0	0	0	0	0
11/7/2023 12:06	64101 REFR_T1	0	0	0	0	0	0	-0.68	-0.65	0	0	0	0	0	0
11/7/2023 12:07	67204 TEHI_T2	0	0	0	0	0	0	-0.07	-0.09	0	0	0	0	0	0
11/7/2023 12:08	54001 SDLE_T1	7	7	0	0.63	0.64	0.01	0	0	0	0	0	0	0	0
11/7/2023 12:09	67204 TEHI_T2	0	0	0	0	0	0	-0.07	-0.09	0	0	0	0	0	0
11/7/2023 12:12	61303 EARL_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/7/2023 12:13	61303 EARL_T1	0	0	0	0	0	0	0.68	0.76	0	0	0	0	0	0
11/7/2023 12:15	46901 MNTG_T2	0	0	0	0	0	0	0.52	0.73	1	1	0	1200	1200	0
11/7/2023 12:16	59302 MCAL_T1	0	0	0	0	0	0	0.83	0.8	0	0	0	0	0	0
11/7/2023 12:17	47403 PENS_T1	2	2	0	1.3	1.25	-0.05	0	0	0	0	0	0	0	0
11/7/2023 12:18	45003 LIME_2	1	1	0	4.8	4.7	-0.1	0	0	2	2	0	2400	2400	0
11/7/2023 12:18	47403 PENS_T1	2	2	0	1.3	1.25	-0.05	0	0	0	0	0	0	0	0
11/7/2023 12:19	47401 PENS_T1	1	1	0	1.4	1.3	-0.1	0.94	1.02	0	0	0	0	0	0
11/7/2023 12:20	47401 PENS_T1	1	1	0	1.4	1.3	-0.1	0.94	1.02	0	0	0	0	0	0
11/7/2023 12:20	46903 MNTG_T2	1	7	6	0.2	0.27	0.07	0.07	0.11	1	1	0	600	600	0
11/7/2023 12:25	47403 PENS_T1	2	2	0	1.3	1.25	-0.05	0	0	0	0	0	0	0	0
11/7/2023 12:23	59102 WALK_T2	4	4	0	0.43	0.6	0.17	0	0	0	0	0	0	0	0
11/7/2023 12:24	14802 TREI_T2	2	3	1	0.2	0.2	0	0.58	0.44	0	0	0	0	0	0
11/7/2023 12:25	59102 WALK_T2	4	4	0	0.43	0.6	0.17	0	0	0	0	0	0	0	0
11/7/2023 12:34	14403 SSLA_T1	0	2	2	0	0.6	0.6	1.3	1.33	0	0	0	0	0	0
11/7/2023 12:34	13704 SCHN_T2	1	0	-1	0.2	0	-0.2	-0.39	-0.41	0	0	0	0	0	0
11/7/2023 12:37	13704 SCHN_T2	1	0	-1	0.2	0	-0.2	-0.39	-0.41	0	0	0	0	0	0
11/7/2023 12:38	13704 SCHN_T2	1	0	-1	0.2	0	-0.2	-0.39	-0.41	0	0	0	0	0	0
11/7/2023 13:04	63203 MGTN_T1	0	0	0	0	0	0	-0.79	-0.79	2	2	0	1200	1200	0
11/7/2023 13:09	51604 DUKE_T2	0	1	1	0	0.3	0.3	-0.66	-0.66	0	0	0	0	0	0
11/7/2023 13:09	66703 STRA_T1	0	0	0	0	0	0	-0.09	-0.18	0	0	0	0	0	0
11/7/2023 13:13	51604 DUKE_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/7/2023 13:16	63801 HEMP_T1	0	2	2	0	0.3	0.3	0	0	0	0	0	0	0	0
11/7/2023 13:17	50506 MECH_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/7/2023 13:20	64101 REFR_T1	0	3	3	0	0.27	0.27	-0.24	-0.16	0	0	0	0	0	0
11/7/2023 13:21	53903 HALI_T2	2	3	1	0.5	1.07	0.57	-0.09	-0.17	0	0	0	0	0	0
11/7/2023 13:21	54206 PENN_T2	1	1	0	0.3	0.3	0	0.14	0.13	0	0	0	0	0	0
11/7/2023 13:27	53901 HALI_T2	3	3	0	0.5	0.77	0.27	0	0	0	0	0	0	0	0
11/7/2023 13:30	53903 HALI_T2	3	3	0	1.07	1.07	0	0	0	0	0	0	0	0	0
11/7/2023 13:30	53901 HALI_T2	3	3	0	0.63	0.77	0.14	0	0	0	0	0	0	0	0
11/7/2023 13:34	64101 REFR_T1	0	3	3	0	0.27	0.27	-0.16	-0.22	0	0	0	0	0	0
11/7/2023 13:36	13704 SCHN_T2	1	0	-1	0.2	0.4	0.2	-0.39	-0.36	0	0	0	0	0	0
11/7/2023 13:37	54201 PENN_T1	4	4	0	1	1.08	0.08	0.51	0.43	0	0	0	0	0	0
11/7/2023 13:37	53901 HALI_T2	3	3	0	0.63	0.77	0.14	0	0	0	0	0	0	0	0
11/7/2023 13:40	54501 ENOL_T2	4	4	0	0.23	0.43	0.2	-1.18	-1.2	2	2	0	1200	1200	0
11/7/2023 13:41	54501 ENOL_T2	4	4	0	0.23	0.43	0.2	0	0	0	0	0	0	0	0
11/7/2023 13:42	54501 ENOL_T2	4	4	0	0.23	0.43	0.2	0	0	0	0	0	0	0	0
11/7/2023 13:42	54501 ENOL_T2	4	4	0	0.23	0.43	0.2	0	0	0	0	0	0	0	0
11/7/2023 13:43	54505 ENOL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/7/2023 13:45	54505 ENOL_T2	1	1	0	1	1.1	0.1	-1.42	-1.4	1	1	0	600	600	0
11/7/2023 13:45	54503 ENOL_T2	0	0	0	0	0	0	-0.43	-0.4	1	1	0	600	600	0
11/7/2023 13:47	29401 BELT_T1	27	0	-27	0.11	0	-0.11	0	0	1	1	0	900	900	0
11/7/2023 13:48	13901 SEID_T1	0	0	0	0	0	0	0.12	0.11	0	0	0	0	0	0
11/7/2023 13:48	54202 PENN_T2	0	0	0	0	0	0	0.7	0.66	0	0	0	0	0	0
11/7/2023 13:49	44601 SALE_T2	0	1	1	0	0	0	1.02	1.14	1	2	1	600	900	300
11/7/2023 13:50	44601 SALE_T2	0	1	1	0	0	0	1.02	1.14	1	2	1	600	900	300
11/7/2023 13:51	54502 ENOL_T2	1	1	0	0.3	0.4	0.1	0	0	0	0	0	0	0	0
11/7/2023 13:53	13701 SCHN_T2	3	5	2	0.3	0.26	-0.04	0	0	0	0	0	0	0	0
11/7/2023 13:57	54501 ENOL_T2	4	4	0	0.2	0.43	0.23	0	0	0	0	0	0	0	0
11/7/2023 13:57	54505 ENOL_T2	1	1	0	1	1.1	0.1	-1.4	-1.42	1	1	0	600	600	0
11/7/2023 13:58	54505 ENOL_T2	1	1	0	1	1.1	0.1	0	0	0	0	0	0	0	0
11/7/2023 13:59	54505 ENOL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/7/2023 14:00	50506 MECH_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/7/2023 14:01	64301 LINC_T1	0	0	0	0	0	0	0.12	-0.01	1	1	0	600	600	0
11/7/2023 14:01	50506 MECH_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/7/2023 14:01	59301 MCAL_T1	11	10	-1	0.46	0.56	0.1	0	0	0	0	0	0	0	0
11/7/2023 14:03	65003 NEFF_T2	7	7	0	0.34	0.31	-0.03	0	0	0	0	0	0	0	0
11/7/2023 14:04	50506 MECH_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/7/2023 14:06	13701 SCHN_T2	4	3	-1	0.25	0.23	-0.02	0	0	0	0	0	0	0	0
11/7/2023 14:07	66703 STRA_T1	0	0	0	0	0	0	-0.13	-0.13	0	0	0	0	0	0
11/7/2023 14:08	59101 WALK_T2	1	1	0	0	0	0	1.83	1.78	1	1	0	600	600	0
11/7/2023 14:08	61103 BERK_T5	0	0	0	0	0	0	0.59	0.58	0	0	0	0	0	0
11/7/2023 14:09	14802 TREI_T2	12	8	-4	0.19	0.11	-0.08	0.6	0.6	0	0	0	0	0	0
11/7/2023 14:09	13901 SEID_T1	0	0	0	0	0	0	0.11	0.11	0	0	0	0	0	0
11/7/2023 14:10	61103 BERK_T5	0	0	0	0	0	0	0.59	0.58	0	0	0	0	0	0
11/7/2023 14:11	54501 ENOL_T2	4	4	0	0.43	0.2	-0.23	-0.59	-0.6	1	1	0	600	600	0
11/7/2023 14:12	54501 ENOL_T2	4	4	0	0.43	0.2	-0.23	-1.18	-1.2	2	2	0	1200	1200	0
11/7/2023 14:12	42401 GIMA_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/7/2023 14:13	61302 EARL_T1	1	1	0	0.4	0.2	-0.2	0	0	0	0	0	0	0	0
11/7/2023 14:13	54502 ENOL_T2	1	1	0	0.4	0.3	-0.1	0	0	0	0	0	0	0	0
11/7/2023 14:14	54504

11/7/2023 14:33	65603 QVIL_T2	1	1	0	6.7	6.4	-0.3	0	0	0	0	0	0	0
11/7/2023 14:33	64301 LINC_T1	0	0	0	0	0	0	-0.01	-0.01	1	1	0	600	600	0
11/7/2023 14:33	65003 NEFF_T2	7	7	0	0.21	0.23	0.02	0	0	0	0	0	0	0	0
11/7/2023 14:34	14403 SSLA_T1	1	1	0	0.8	0.6	-0.2	0.68	0.82	0	0	0	0	0	0
11/7/2023 14:34	65603 QVIL_T2	1	1	0	6.7	6.4	-0.3	0	0	0	0	0	0	0	0
11/7/2023 14:34	62604 ENGL_T1	0	0	0	0	0	0	0	0	1	1	0	600	600	0
11/7/2023 14:35	14404 SSLA_T1	2	4	2	0.2	0.2	0	0	0	0	0	0	0	0	0
11/7/2023 14:35	62604 ENGL_T1	0	0	0	0	0	0	0	0	1	1	0	600	600	0
11/7/2023 14:36	67502 WEWI_T2	16	139	123	0.23	0.23	0	-0.76	-0.68	0	0	0	0	0	0
11/7/2023 14:36	13901 SEID_T1	0	0	0	0	0	0	0.13	0.13	0	0	0	0	0	0
11/7/2023 14:36	67502 WEWI_T2	16	139	123	0.23	0.23	0	-0.76	-0.68	0	0	0	0	0	0
11/7/2023 14:37	67502 WEWI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/7/2023 14:37	55101 WERT_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/7/2023 14:37	62604 ENGL_T1	0	0	0	0	0	0	0	0	1	1	0	600	600	0
11/7/2023 14:37	15103 UPHA_T2	1	1	0	0.6	0.4	-0.2	0.33	0.32	0	0	0	0	0	0
11/7/2023 14:38	66703 STRA_T1	0	1	1	0	0.1	0.1	-0.08	-0.14	0	0	0	0	0	0
11/7/2023 14:38	20403 ASHF_T2	1	23	22	0.9	0.26	-0.64	0.61	0.32	0	0	0	0	0	0
11/7/2023 14:38	62604 ENGL_T1	0	0	0	0	0	0	0	0	1	1	0	600	600	0
11/7/2023 14:38	67503 WEWI_T2	0	0	0	0	0	0	-0.52	-0.55	0	0	0	0	0	0
11/7/2023 14:38	64802 MONE_T2	0	83	83	0	0.61	0.61	-0.01	-0.01	0	0	0	0	0	0
11/7/2023 14:38	60803 BUCK_T1	0	0	0	0	0	0	-0.97	-0.95	1	1	0	600	600	0
11/7/2023 14:39	67502 WEWI_T2	16	139	123	0.23	0.23	0	-0.25	-0.23	0	0	0	0	0	0
11/7/2023 14:39	61303 EARL_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/7/2023 14:40	53901 HALI_T2	2	3	1	0.6	0.43	-0.17	0	0	0	0	0	0	0	0
11/7/2023 14:40	55101 WERT_T1	0	0	0	0	0	0	-0.72	-0.66	2	2	0	1500	1500	0
11/7/2023 14:40	61302 EARL_T1	1	1	0	0.1	0.2	0.1	0	0	0	0	0	0	0	0
11/7/2023 14:40	27502 WEIS_T2	0	1	1	0	0.1	0.1	-0.56	-0.57	0	0	0	0	0	0
11/7/2023 14:42	61302 EARL_T1	1	1	0	0.1	0.2	0.1	0	0	0	0	0	0	0	0
11/7/2023 14:42	20401 ASHF_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/7/2023 14:43	41801 GOCI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/7/2023 14:43	54501 ENOL_T2	4	4	0	0.18	0.3	0.12	-1.68	-1.77	3	3	0	1800	1800	0
11/7/2023 14:43	60803 BUCK_T1	0	0	0	0	0	0	-0.95	-0.93	1	1	0	600	600	0
11/7/2023 14:44	64301 LINC_T1	0	0	0	0	0	0	-0.01	-0.01	1	1	0	600	600	0
11/7/2023 14:44	54505 ENOL_T2	1	1	0	1	1.1	0.1	0	0	0	0	0	0	0	0
11/7/2023 14:44	44502 HAMI_T2	1	1	0	2.6	3.1	0.5	-0.84	-0.75	0	0	0	0	0	0
11/7/2023 14:44	26401 INOR_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/7/2023 14:45	54501 ENOL_T2	4	5	1	0.25	0.38	0.13	0	0	0	0	0	0	0	0
11/7/2023 14:45	53901 HALI_T2	3	2	-1	0.43	0.3	-0.13	0	0	0	0	0	0	0	0
11/7/2023 14:45	64202 KINZ_T1	2	3	1	0.3	0.4	0.1	0	0	0	0	0	0	0	0
11/7/2023 14:45	42401 GIMA_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/7/2023 14:46	52403 GRPA_T2	0	0	0	0	0	0	0.03	0.07	0	0	0	0	0	0
11/7/2023 14:46	59003 MIFF_T1	0	0	0	0	0	0	-1.24	-1.34	0	0	0	0	0	0
11/7/2023 14:46	54505 ENOL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/7/2023 14:47	23301 JEFF_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/7/2023 14:47	53903 HALI_T2	3	3	0	0.87	0.87	0	-0.09	-0.13	0	0	0	0	0	0
11/7/2023 14:47	63203 MGTN_T1	0	0	0	0	0	0	-0.77	-0.78	2	2	0	1200	1200	0
11/7/2023 14:48	42902 MIDD_T2	1	0	-1	0.2	0	-0.2	-0.18	-0.3	1	1	0	600	600	0
11/7/2023 14:48	53903 HALI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/7/2023 14:48	64303 LINC_T1	0	1	1	0	0	0	-0.23	-0.12	0	0	0	0	0	0
11/7/2023 14:49	65003 NEFF_T2	7	6	-1	0.23	0.17	-0.06	0	0	0	0	0	0	0	0
11/7/2023 14:49	42903 MIDD_T2	2	2	0	1.15	0.75	-0.4	0	0	0	0	0	0	0	0
11/7/2023 14:50	67204 TEHI_T2	68	7	-61	0.13	0.1	-0.03	-0.09	-0.13	0	0	0	0	0	0
11/7/2023 14:50	62604 ENGL_T1	0	0	0	0	0	0	0	0	1	1	0	600	600	0
11/7/2023 14:50	42902 MIDD_T2	1	0	-1	0.2	0	-0.2	-0.18	-0.3	1	1	0	600	600	0
11/7/2023 14:51	62607 ENGL_T1	0	1	1	0	0	0	0	0	0	0	0	0	0	0
11/7/2023 14:51	59102 WALK_T2	1	2	1	0.3	0.5	0.2	0	0	0	0	0	0	0	0
11/7/2023 14:52	67204 TEHI_T2	68	7	-61	0.13	0.1	-0.03	-0.09	-0.13	0	0	0	0	0	0
11/7/2023 14:53	62604 ENGL_T1	0	0	0	0	0	0	0	0	1	1	0	600	600	0
11/7/2023 14:53	54206 PENN_T2	1	0	-1	0.1	0	-0.1	0	0	0	0	0	0	0	0
11/7/2023 14:54	67201 TEHI_T1	0	2	2	0	0.45	0.45	0.6	0.02	2	2	0	1500	1500	0
11/7/2023 14:54	64802 MONE_T2	83	80	-3	0.61	0.48	-0.13	-0.01	-0.01	0	0	0	0	0	0
11/7/2023 14:55	54502 ENOL_T2	1	1	0	0.5	0.4	-0.1	-1.36	-1.41	0	0	0	0	0	0
11/7/2023 14:56	59101 WALK_T2	0	1	1	0	0	0	3.52	3.9	0	0	0	0	0	0
11/7/2023 14:56	60801 BUCK_T1	0	0	0	0	0	0	0.19	0.16	0	0	0	0	0	0
11/7/2023 14:57	54502 ENOL_T2	1	1	0	0.5	0.4	-0.1	-1.41	-1.35	0	0	0	0	0	0
11/7/2023 14:58	62607 ENGL_T1	0	1	1	0	0	0	0	0	0	0	0	0	0	0
11/7/2023 14:58	40902 JESH_T1	0	2	2	0	0	0	-0.71	-0.66	0	0	0	0	0	0
11/7/2023 14:59	52004 LING_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/7/2023 15:01	45001 LIME_2	5	19	14	0.18	0.2	0.02	0	0	0	0	0	0	0	0
11/7/2023 15:02	46203 DANV_T2	2	0	-2	0.5	0	-0.5	-1.49	-1.49	0	0	0	0	0	0
11/7/2023 15:03	46901 MNTG_T2	0	0	0	0	0	0	0.42	0.33	1	1	0	1200	1200	0
11/7/2023 15:04	62604 ENGL_T1	0	0	0	0	0	0	0	0	1	1	0	600	600	0
11/7/2023 15:04	54202 PENN_T2	0	0	0	0	0	0	0.65	0.69	0	0	0	0	0	0
11/7/2023 15:05	64101 REFR_T1	0	0	0	0	0	0	-0.22	-0.22	0	0	0	0	0	0
11/7/2023 15:06	46203 DANV_T2	2	0	-2	0.5	0	-0.5	0	0	0	0	0	0	0	0
11/7/2023 15:06	42201 SHEN_T2	1	0	-1	0.2	0	-0.2	-0.15	-0.19	1	1	0	600	600	0
11/7/2023 15:07	42201 SHEN_T2	1	0	-1	0.2	0	-0.2	-0.15	-0.19	1	1	0	600	600	0
11/7/2023 15:08	45402 WBLO_T2	2	2	0	0.8	0.85	0.05	0	0	0	0	0	0	0	0
11/7/2023 15:10	66703 STRA_T1	0	0	0	0	0	0	0.02	-0.1	0	0	0	0	0	0
11/7/2023 15:16	52402 GRPA_T2	7	14	7	0.77	0.5	-0.27	0	0	0	0	0	0	0	0
11/7/2023 15:16	45802 HEGI_T2	0	0	0	0	0	0	0.22	0.02	2	2	0	1200	1200	0
11/7/2023 15:17	45802 HEGI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/7/2023 15:19	46903 MNTG_T2	3	0	-3	0.2	0	-0.2	0.03	0	1	1	0	600	600	0
11/7/2023 15:19	13704 SCHN_T2	0	0	0	0	0	0	-0.44	-0.4	0	0	0	0	0	0
11/7/2023 15:20	66703 STRA_T1	0	0	0	0	0	0	-0.1	-0.18	0	0	0	0	0	0
11/7/2023 15:22	13704 SCHN_T2	0	0	0	0	0	0	-0.44	-0.4	0	0	0	0	0	0
11/7/2023 15:22	59101 WALK_T2	1	1	0	0	0	0	1.95	2.21	0	0	0	0	0	0
11/7/2023 15:23	59101 WALK_T2	1	1	0	0	0	0	1.95	2.21	0	0	0	0	0	0
11/7/2023 15:28	54202 PENN_T2	0	0	0	0	0	0	0.65	0.65	0	0	0	0	0	0
11/7/2023 15:34	46903 MNTG_T2	0	0	0	0	0	0	0	0.53	1	1	0	600	600	0
11/7/2023 15:35	46001 BERW_T1	0	0	0	0	0	0	0.93	0.96	0	0	0	0	0	0
11/7/2023 15:36	46001 BERW_T1	0	0	0	0	0	0	0.93	0.96	0	0	0	0	0	0
11/7/2023 15:37	49804 UNIV_T1	1	2	1	0.1	0.75	0.65	1.07	0.57	0	0	0	0	0	0
11/7/2023 15:38	42503 ALTA_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/7/2023 15:39	14404 SSLA_T1	1	1	0	0.4	0.5	0.1	0	0	0	0	0	0	0	0
11/7/2023 15:43	54202 PENN_T2	0	0	0	0	0	0	0.65	0.66	0	0	0	0	0	0
11/7/2023 15:45	52402 GRPA_T2	14	5	-9	0.5	1.1	0.6	0	0	0	0	0	0	0	0
11/7/2023 15:47	64101 REFR_T1	0	0	0	0	0	0	-0.21	-0.21	0	0	0	0	0	0
11/7/2023 15:49	64101 REFR_T1	0	0	0	0	0	0	-0.21	-0.21	0	0	0	0	0	0
11/7/2023 15:50	14403 SSLA_T1	0	0	0	0	0	0	0.79	0.8	0	0	0	0	0	0
11/7/2023 15:50	64101 REFR_T1	0	0	0	0	0	0	-0.21	-0.21	0	0	0	0	0	0
11/7/2023 15:51	64101 REFR_T1	0	0	0	0	0	0	-0.21	-0.21	0	0	0	0	0	0
11/7/2023 15:52	64101 REFR_T1	0	0	0	0	0	0	-0.41	-0.41	0	0	0	0	0	0
11/7/2023 15:53	42701 AUGU_T1	0	0	0	0	0	0	0	0	2	2	0	1800	1800	0
11/7/2023 15:54	42701 AUGU_T1	0	0	0	0	0	0	0	0	2	2	0	1800	1800	0
11/7/2023 15:56	59101 WALK_T2	1	1	0	0	0	0	2.05	1.85	0	0	0	0	0	0
11/7/2023 16:00	45001 LIME_2	25	4	-21	0.2	0.13	-0.07	0	0	0	0	0	0	0	0
11/7/2023 16:01	45003 LIME_2	1	1	0	4.7	4.4	-0.3	0	0	1	1	0	1200	1200	0
11/7/2023 16:02	59101 WALK_T2	1	1	0	0	0	0	2.05	1.85	0	0	0	0	0	0
11/7/2023 16:05	14402 SSLA_T1	1	8	7	0.2	0.11	-0.09	0	0	0	0	0	0	0	0
11/7/2023 16:08	59102 WALK_T2	0	1	1	0	0.2	0.2	0	0	0	0	0	0	0	0
11/7/2023 16:09	42701 AUGU_T1	0	0	0	0	0	0	0	0	4	4	0	3600	3600	0
11/7/2023 16:10	15001 BLMO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/7/2023 16:14	45802 HEGI_T2	0	0	0	0	0	0	0.62	0.63	1	1	0	300	300	0
11/7/2023 16:15	45802 HEGI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/7/2023 16:18	55002 NEWP_T1	3	3	0	0.3	0.53	0.23	-0.24	-0.22	0	0	0	0	0	0
11/7/2023 16:21	14403 SSLA_T1	0	0	0	0	0	0	0.71	0.69	0	0	0	0	0	0
11/7/2023 16:22	42201 SHEN_T2	1	0	-1	0.1	0	-0.1	-0.18	-0.2	1	1	0	600	600	0
11/7/2023 16:33	55002 NEWP_T1	2	3	1	0.55	0.57	0.02	-0.22	-0.24	0	0	0	0	0	0
11/7/2023 16:38	43402 BENT_T1	0	0	0	0	0	0	-0.95	-0.96	1	1	0	900	900	0
11/7/2023 16:41	43402 BENT_T1	0	0	0	0	0	0	-0.96	-0.93	1	1	0	900	900	0
11/7/2023 16:49	55002 NEWP_T1	3	2	-1	0.53	0.25	-0.28	-0.24	-0.23	0	0	0	0	0	0
11/7/2023 16:52	46206 DANV_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/7/2023 16:55	59101 WALK_T2	1	1	0	0	0	0	1.54	1.57	0	0	0	0	0	0
11/7/2023 17:05	55002 NEWP_T1	2	2	0	0.25	0.2	-0.05	-0.23	-0.24	0	0	0	0	0	0
11/7/2023 17:22	56801 BENV_T1	29	28	-1	0.41	0.47	0.06	-0.85	-0.85	1	1	0	600	600	0
11/7/2023 17:23	56801 BENV_T1	29	28	-1	0.41	0.47	0.06	-0.85	-0.85	1	1	0	600	600	0
11/7/2023 17:24	56801 BENV_T1	29	28	-1	0.41	0.47	0.06	-0.85	-0.85	1	1	0	600	600	0
11/7/2023 17:25	56801 BENV_T1	29	28	-1	0.41	0.47	0.06	-0.85	-0.85	1	1	0	600	600	0
11/7/2023 17:26	56801 BENV_T1	29	28	-1	0.41	0.47	0.06	-1.7	-1.66	2	2	0	1200	1200	0
11/7/2023 17:27	56801 BENV_T1	29	28	-1	0.41	0.47	0.06	-0.85	-0.83	1	1	0	600	600	0
11/7/2023 17:29	56801 BENV_T1	29	28	-1	0.41	0.47	0.06	-0.85	-0.83	1	1	0	600	600	0
11/7/2023 17:42	52502 PROG_T2	0	0	0	0	0	0	-0.75	-0.74	1	1	0	900	900	0
11/7/2023 18:19	65001 NEFF_T2	0	0	0	0	0	0	-0.76	-0.79	1	1	0	1200	1200	0
11/7/2023 18:47	16301 ALPA_T1	0	0	0	0	0	0	-0.44	-0.46	0	0	0	0	0	0
11/7/2023 18:49	56802 BENV_T2	246	325	79	0.38	0.28	-0.1	-1.42	-1.4	0	0	0	0	0	0
11/7/2023 18:50	29402 BELT_T1	1	1	0	8	8	0	0	0	0	0	0	0	0	0
11/7/2023 18:50	26401 INOR_T1	2	1	-1	0.15	0.2	0.05	0.17	0.17	0	0	0	0	0	0
11/7/2023 18:51	27503 WEIS_T2	2	9	7	0.1	0.18	0.08	0	0	0	0	0	0	0	0
11/7/2023 18:52	29401 BELT_T1	4	8	4	0.1	0.1	0	0	0	0	0	0	0	0	0
11/7/2023 18:52	13901 SEID_T1	0	0	0	0	0	0	0.16	0.18	0	0	0	0	0	0
11/7/2023 18:52	10805 CHHI_T2	1	1	0	7.9	7.4	-0.5	-0.96	-1.02	1	1	0	600	600	0
11/7/2023 18:54	17802 GILB_T1	0	0	0	0	0	0	0.04	0.03	0	0	0	0	0	0
11/7/2023 18:54	23301 JEFF_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/7/2023 18:55	13302 ORVI_T2	60	79	19	0.24	0.23	-0.01	1	0.96	0	0	0	0	0	0
11/7/2023 18:55	65604 QVIL_T2	0	0	0	0	0	0	0.28	0.27	0	0	0	0	0	0
11/7/2023 18:55	39601 LNFD_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/7/2023 18:56	61303 EARL_T1	0	0	0	0	0	0	0.3	0.23	0	0	0	0	0	0
11/7/2023 18:56	26401 INOR_T1	2	1	-1	0.15	0.2	0.05	0	0	0	0	0	0	0	0
11/7/2023 18:56	60803 BUCK_T1	0	1	1	0	0.1	0.1	-1.55	-1.56	1	1	0	600	600	0
11/7/2023 18:56	29401 BELT_T1	4	8	4	0.1	0.1	0	0	0	0	0	0	0	0	0
11/7/2023 18:56	16302 ALPA_T2	0	0	0	0	0	0	-0.71	-0.73	0	0	0	0	0	0
11/7/2023 18:57	20403 ASHF_T2	0	0	0	0	0	0	0.19	0.18	0	0	0	0	0	0
11/7/2023 18:57	44601 SALE_T2	0	0	0	0	0	0	0.24	0.77	1	0	-1	600	0	-600
11/7/2023 18:57	14403 SSLA_T1	0	0	0	0	0	0	0.69	0.67	0	0	0	0	0	0
11/7/2023 18:57	15001 BLMO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/7/2023 18:57	64204 KINZ_T1	24	38	14	0.21	0.25	0.04	0	0	0	0	0	0	0	0
11/7/2023 18:57	47403 PENS_T1	0	1	1	0	2.4	2.4	0	0	0	0	0	0	0	0
11/7/2023 18:57	67503 WEWI_T2	1	1	0	2.2	2	-0.2	0	0	0	0	0	0	0	0
11/7/2023 18:57	14802 TREI_T2	0	0	0	0	0	0	0.28	0.28	0	0	0	0	0	0
11/7/2023 18:57	64201 KINZ_T1	1	2	1	0.6	0.4	-0.2	-0.5	-0.56	2	2	0	1200	1200	0
11/7/2023 18:57	16302 ALPA_T2	0	0	0	0	0	0	-0.71	-0.73	0	0	0	0	0	0
11/7/2023 18:58	62604 ENGL_T1	0	0	0	0	0	0	0	0	1	1	0	600	600	0
11/7/2023 18:58	46001 BERW_T1	0	1	1	0	0	0	0.68	0.71	0	0	0	0	0	0
11/7/2023 18:58	52502 PROG_T2	0	0	0	0	0	0	-0.76	0.2	1	0	-1	900	0	-900
11/7/2023 18:58	42503 ALTA_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/7/2023 18:58	56802 BENV_T2	246	325	79	0.38	0.28	-0.1	-1.4	-1.42	0	0	0	0	0	0
11/7/2023 18:58	42401 GIMA_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/7/2023 18:59	54505 ENOL_T2	1	1	0	0.5	0.7	0.2	0	0	0	0	0	0	0	0
11/7/2023 18:59	66505 SMAN_T2	0	3	3	0	0.27	0.27	0	0	0	0	0	0	0	0
11/7/2023 18:59	16301 ALPA_T1	0	0	0	0	0	0	-0.46	-0.49	0	0	0	0	0	0
11/7/2023 19:00	64301 LINC_T1	0	0	0	0	0	0	-0.36	-0.4	1	1	0	600	600	0
11/7/2023 19:00	14802 TREI_T2	0	3	3	0	0.1	0.1	0	0	0	0	0	0	0	0
11/7/2023 19:00	67503 WEWI_T2	1	1	0	2	1.3	-0.7	-0.42	-0.4	0	0	0	0	0	0
11/7/2023 19:00	47403 PENS_T1	1	1	0	2.4	2.5	0.1	0	0	0	0	0	0	0	0
11/7/2023 19:00	56801 BENV_T1	40	44	4	0.69	0.8	0.11	-0.84	-0.83	1	1	0	600	600	0
11/7/2023 19:00	28403 HART_T2	0	0	0	0	0	0	-0.65	-0.66	1	1	0	900	900	0
11/7/2023 19:00	66503 SMAN_T2	0	18	18	0	0.13	0.13	0	0	0	0	0	0	0	0
11/7/2023 19:00	57401 SPAN_T1	2	2	0	0.5	0.7	0.2	0	0	0	0	0	0	0	0
11/7/2023 19:00	49803 UNIV_T1	0	0	0	0	0

11/7/2023 19:02	67204 TEHI_T2	0	0	0	0	0	0	0.06	0.06	0	0	0	0	0	0
11/7/2023 19:02	42902 MIDD_T2	11	32	21	0.19	0.22	0.03	-1.31	-1.26	0	0	0	0	0	0
11/7/2023 19:02	41801 GOCI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/7/2023 19:02	61303 EARL_T1	0	0	0	0	0	0	0.3	0.23	0	0	0	0	0	0
11/7/2023 19:02	45001 LIME_2	1	22	21	0.1	0.18	0.08	0	0	0	0	0	0	0	0
11/7/2023 19:02	56802 BENV_T2	300	460	160	0.28	0.27	-0.01	-2.8	-2.84	0	0	0	0	0	0
11/7/2023 19:03	45001 LIME_2	1	22	21	0.1	0.18	0.08	0	0	0	0	0	0	0	0
11/7/2023 19:03	28604 BLYT_T2	0	0	0	0	0	0	-1.43	-1.43	0	0	0	0	0	0
11/7/2023 19:03	56504 ROCK_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/7/2023 19:03	56802 BENV_T2	300	460	160	0.28	0.27	-0.01	-1.4	-1.42	0	0	0	0	0	0
11/7/2023 19:03	60803 BUCK_T1	0	5	5	0	0.16	0.16	0	0	0	0	0	0	0	0
11/7/2023 19:03	66502 SMAN_T2	0	18	18	0	0.12	0.12	0	0	1	1	0	900	900	0
11/7/2023 19:03	47401 PENS_T1	0	0	0	0	0	0	0.87	0.86	0	0	0	0	0	0
11/7/2023 19:03	42701 AUGU_T1	0	0	0	0	0	0	0	0	2	2	0	1800	1800	0
11/7/2023 19:03	46203 DANV_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/7/2023 19:03	64101 REFR_T1	0	0	0	0	0	0	-0.21	-0.21	0	0	0	0	0	0
11/7/2023 19:03	54505 ENOL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/7/2023 19:03	67502 WEWI_T2	0	76	76	0	0.16	0.16	-0.51	-1.53	0	1	1	0	900	900
11/7/2023 19:03	53501 EVIL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/7/2023 19:03	60501 NMAN_T2	3	3	0	4.2	4.5	0.3	0	0	0	0	0	0	0	0
11/7/2023 19:03	16301 ALPA_T1	0	0	0	0	0	0	-0.46	-0.49	0	0	0	0	0	0
11/7/2023 19:03	46203 DANV_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/7/2023 19:04	40602 PIGR_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/7/2023 19:04	57401 SPAN_T1	2	2	0	0.5	0.7	0.2	-0.92	-0.87	1	1	0	600	600	0
11/7/2023 19:04	54502 ENOL_T2	0	0	0	0	0	0	-1.36	-1.37	0	0	0	0	0	0
11/7/2023 19:04	46903 MNTG_T2	0	8	8	0	0.1	0.1	0.32	0.3	0	0	0	0	0	0
11/7/2023 19:05	46901 MNTG_T2	0	0	0	0	0	0	-0.04	0.06	1	1	0	1200	1200	0
11/7/2023 19:05	66505 SMAN_T2	3	3	0	0.17	0.43	0.26	0	0	2	2	0	1100	1100	0
11/7/2023 19:05	67502 WEWI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/7/2023 19:05	43202 MVIL_T2	0	0	0	0	0	0	-0.75	-0.75	0	0	0	0	0	0
11/7/2023 19:05	43301 WATS_T2	1	1	0	0.2	0.2	0	0	0	0	0	0	0	0	0
11/7/2023 19:05	42902 MIDD_T2	11	32	21	0.19	0.22	0.03	-0.66	-0.63	0	0	0	0	0	0
11/7/2023 19:05	62604 ENGL_T1	0	0	0	0	0	0	0	0	1	1	0	600	600	0
11/7/2023 19:05	56504 ROCK_T2	0	0	0	0	0	0	-0.29	-0.29	0	0	0	0	0	0
11/7/2023 19:05	54505 ENOL_T2	1	1	0	0.6	0.8	0.2	-1.4	-1.4	1	1	0	600	600	0
11/7/2023 19:05	58402 MORO_T1	0	1	1	0	0	0	-0.99	-1.07	2	2	0	1500	1500	0
11/7/2023 19:05	56802 BENV_T2	300	460	160	0.28	0.27	-0.01	-1.4	-1.42	0	0	0	0	0	0
11/7/2023 19:05	42801 SELI_T1	1	1	0	0	0	0	0	0	0	0	0	0	0	0
11/7/2023 19:05	29402 BELT_T1	1	1	0	8	7.4	-0.6	0	0	0	0	0	0	0	0
11/7/2023 19:05	46001 BERW_T1	0	1	1	0	1	1	1.36	1.42	0	0	0	0	0	0
11/7/2023 19:05	43402 BENT_T1	0	0	0	0	0	0	-1.6	-0.96	2	1	-1	1500	900	-600
11/7/2023 19:05	42002 MNVL_T2	1	1	0	3.5	3.5	0	0	0	0	0	0	0	0	0
11/7/2023 19:05	59101 WALK_T2	1	2	1	0	1.5	1.5	1.66	1.59	0	0	0	0	0	0
11/7/2023 19:05	67203 TEHI_T1	0	0	0	0	0	0	2.16	2.12	1	1	0	600	600	0
11/7/2023 19:05	54206 PENN_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/7/2023 19:05	46004 BERW_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/7/2023 19:05	45501 DERR_T2	1	0	-1	0.1	0	-0.1	0.53	0.69	2	2	0	1800	1800	0
11/7/2023 19:05	54505 ENOL_T2	1	1	0	0.6	0.8	0.2	-1.4	-1.4	1	1	0	600	600	0
11/7/2023 19:05	59003 MIFF_T1	0	0	0	0	0	0	1.26	0.69	0	0	0	0	0	0
11/7/2023 19:05	60803 BUCK_T1	0	5	5	0	0.16	0.16	-1.55	-1.56	1	1	0	600	600	0
11/7/2023 19:05	10805 CHHI_T2	1	1	0	7.4	7.2	-0.2	-1.02	-0.95	1	1	0	600	600	0
11/7/2023 19:05	15103 UPHA_T2	0	0	0	0	0	0	0.34	0.34	0	0	0	0	0	0
11/7/2023 19:05	64101 REFR_T1	0	0	0	0	0	0	-0.21	-0.21	0	0	0	0	0	0
11/7/2023 19:06	59003 MIFF_T1	0	0	0	0	0	0	0.42	0.23	0	0	0	0	0	0
11/7/2023 19:06	56803 BENV_T1	6	7	1	0.33	0.57	0.24	0	0	0	0	0	0	0	0
11/7/2023 19:06	54701 NEBL_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/7/2023 19:06	20403 ASHF_T2	0	0	0	0	0	0	0.19	0.18	0	0	0	0	0	0
11/7/2023 19:06	56802 BENV_T2	300	460	160	0.28	0.27	-0.01	-4.2	-4.26	0	0	0	0	0	0
11/7/2023 19:06	16302 ALPA_T2	0	0	0	0	0	0	-0.71	-0.73	0	0	0	0	0	0
11/7/2023 19:06	45501 DERR_T2	1	0	-1	0.1	0	-0.1	0	0	0	0	0	0	0	0
11/7/2023 19:06	51604 DUKE_T2	0	0	0	0	0	0	-0.68	-0.65	0	0	0	0	0	0
11/7/2023 19:06	55002 NEWP_T1	5	6	1	0.32	0.63	0.31	-0.26	-0.26	0	0	0	0	0	0
11/7/2023 19:06	41901 REED_T1	10	9	-1	0.36	0.43	0.07	-1.54	-1.45	1	1	0	900	900	0
11/7/2023 19:06	64101 REFR_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/7/2023 19:06	46203 DANV_T2	0	0	0	0	0	0	-3.08	-3.02	0	0	0	0	0	0
11/7/2023 19:06	14404 SSLA_T1	1	1	0	0.5	0.5	0	0	0	0	0	0	0	0	0
11/7/2023 19:06	57403 SPAN_T1	9	21	12	0.16	0.23	0.07	0	0	0	0	0	0	0	0
11/7/2023 19:06	15001 BLMO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/7/2023 19:06	66502 SMAN_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/7/2023 19:06	67502 WEWI_T2	0	76	76	0	0.16	0.16	-0.51	-1.53	0	1	1	0	900	900
11/7/2023 19:06	64802 MONE_T2	0	2	2	0	0	0	-0.01	-0.01	0	0	0	0	0	0
11/7/2023 19:06	43302 WATS_T2	3	4	1	0.33	0.63	0.3	0	0	0	0	0	0	0	0
11/7/2023 19:06	13105 NHAM_T2	0	0	0	0	0	0	-0.27	-0.27	1	1	0	1200	1200	0
11/7/2023 19:07	45003 LIME_2	2	2	0	2.25	4.7	2.45	0	0	1	1	0	1200	1200	0
11/7/2023 19:07	54505 ENOL_T2	1	1	0	0.6	0.8	0.2	0	0	0	0	0	0	0	0
11/7/2023 19:07	43302 WATS_T2	3	4	1	0.33	0.63	0.3	0	0	0	0	0	0	0	0
11/7/2023 19:07	58402 MORO_T1	0	1	1	0	0	0	-0.99	-1.07	2	2	0	1500	1500	0
11/7/2023 19:07	43301 WATS_T2	1	1	0	0.2	0.2	0	-1.31	-1.38	2	2	0	1800	1800	0
11/7/2023 19:07	45501 DERR_T2	1	0	-1	0.1	0	-0.1	0.53	0.69	2	2	0	1800	1800	0
11/7/2023 19:07	42701 AUGU_T1	0	0	0	0	0	0	0	0	2	2	0	1800	1800	0
11/7/2023 19:07	55101 WERT_T1	0	0	0	0	0	0	-1.36	-1.38	2	2	0	1500	1500	0
11/7/2023 19:07	47401 PENS_T1	0	0	0	0	0	0	0.87	0.86	0	0	0	0	0	0
11/7/2023 19:07	49804 UNIV_T1	1	0	-1	0.1	0	-0.1	0.48	0.42	0	0	0	0	0	0
11/7/2023 19:07	66501 SMAN_T2	0	1	1	0	0.1	0.1	0	0	0	0	0	0	0	0
11/7/2023 19:07	45702 LIND_T2	1	20	19	1.9	0.25	-1.65	-0.6	-0.65	0	0	0	0	0	0
11/7/2023 19:07	15001 BLMO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/7/2023 19:07	14802 TREI_T2	0	3	3	0	0.1	0.1	0.28	0.28	0	0	0	0	0	0
11/7/2023 19:07	56803 BENV_T1	6	7	1	0.33	0.57	0.24	0	0	0	0	0	0	0	0
11/7/2023 19:07	43401 BENT_T1	0	1	1	0	0.1	0.1	0	0	0	0	0	0	0	0
11/7/2023 19:07	62604 ENGL_T1	0	0	0	0	0	0	0	0	1	1	0	600	600	0
11/7/2023 19:07	46801 HEPB_T2	1	2	1	0.1	0.2	0.1	0.56	0.54	0	0	0	0	0	0
11/7/2023 19:07	57401 SPAN_T1	2	2	0	0.5	0.7	0.2	-1.84	-1.74	2	2	0	1200	1200	0
11/7/2023 19:07	46203 DANV_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/7/2023 19:07	53601 DALM_T2	1	1	0	0.4	0.2	-0.2	-0.09	-0.12	0	0	0	0	0	0
11/7/2023 19:07	40101 HUNT_T2	1	1	0	0.3	0	-0.3	-0.37	-0.43	0	0	0	0	0	0
11/7/2023 19:07	45802 HEGI_T2	0	0	0	0	0	0	1.07	0.9	0	0	0	0	0	0
11/7/2023 19:07	56802 BENV_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/7/2023 19:07	42002 MNVL_T2	1	1	0	3.5	3.5	0	0	0	0	0	0	0	0	0
11/7/2023 19:07	46602 LACR_T1	0	0	0	0	0	0	-0.22	-0.2	0	0	0	0	0	0
11/7/2023 19:07	43202 MVIL_T2	0	0	0	0	0	0	-0.75	-0.75	0	0	0	0	0	0
11/7/2023 19:08	66501 SMAN_T2	0	1	1	0	0.1	0.1	0	0	0	0	0	0	0	0
11/7/2023 19:08	56801 BENV_T1	40	44	4	0.69	0.8	0.11	-0.84	-0.83	1	1	0	600	600	0
11/7/2023 19:08	57403 SPAN_T1	9	21	12	0.16	0.23	0.07	0.03	-0.01	0	0	0	0	0	0
11/7/2023 19:08	50506 MECH_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/7/2023 19:08	54505 ENOL_T2	1	1	0	0.6	0.8	0.2	0	0	0	0	0	0	0	0
11/7/2023 19:08	54202 PENN_T2	0	0	0	0	0	0	0.59	0.52	0	0	0	0	0	0
11/7/2023 19:08	59003 MIFF_T1	0	0	0	0	0	0	0.84	0.46	0	0	0	0	0	0
11/7/2023 19:08	55002 NEWP_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/7/2023 19:08	14404 SSLA_T1	1	1	0	0.5	0.5	0	0	0	0	0	0	0	0	0
11/7/2023 19:08	56802 BENV_T2	300	460	160	0.28	0.27	-0.01	-1.4	-1.42	0	0	0	0	0	0
11/7/2023 19:08	57401 SPAN_T1	2	2	0	0.5	0.7	0.2	-0.92	-0.87	1	1	0	600	600	0
11/7/2023 19:08	43301 WATS_T2	1	1	0	0.2	0.2	0	0	0	0	0	0	0	0	0
11/7/2023 19:08	54504 ENOL_T2	0	0	0	0	0	0	-1.08	-1.07	1	1	0	600	600	0
11/7/2023 19:08	64101 REFR_T1	0	0	0	0	0	0	-0.21	-0.21	0	0	0	0	0	0
11/7/2023 19:10	56501 ROCK_T2	1	3	2	0.4	0.15	-0.25	-0.23	-0.48	0	0	0	0	0	0
11/7/2023 19:10	45001 LIME_2	1	22	21	0.1	0.18	0.08	0	0	0	0	0	0	0	0
11/7/2023 19:10	50506 MECH_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/7/2023 19:10	53501 EVIL_T2	1	1	0	0.4	0.4	0	-0.99	-0.97	1	1	0	600	600	0
11/7/2023 19:10	41901 REED_T1	10	9	-1	0.36	0.43	0.07	0	0	0	0	0	0	0	0
11/7/2023 19:10	54501 ENOL_T2	0	0	0	0	0	0	-0.59	-0.54	1	1	0	600	600	0
11/7/2023 19:10	64303 LINC_T1	0	1	1	0	0	0	-0.23	-0.24	0	0	0	0	0	0
11/7/2023 19:11	66703 STRA_T1	0	1	1	0	0.2	0.2	-0.33	-0.3	0	0	0	0	0	0
11/7/2023 19:11	42903 MIDD_T2	2	2	0	2	2.15	0.15	0	0	0	0	0	0	0	0
11/7/2023 19:11	42002 MNVL_T2	1	1	0	3.5	3.5	0	0.17	0.18	0	0	0	0	0	0
11/7/2023 19:11	56802 BENV_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/7/2023 19:11	40602 PIGR_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/7/2023 19:11	42802 SELI_T1	0	1	1	0	0.2	0.2	-2.17	-2.19	1	1	0	900	900	0
11/7/2023 19:11	62604 ENGL_T1	0	0	0	0	0	0	0	0	1	1	0	600	600	0
11/7/2023 19:11	52402 GRPA_T2	4	4	0	1.63	1.68	0.05	0	0	0	0	0	0	0	0
11/7/2023 19:11	56504 ROCK_T2	0	0	0	0	0	0	-0.29	-0.31	0	0	0	0	0	0
11/7/2023 19:11	54503 ENOL_T2	0	0	0	0	0	0	-0.42	-0.42	1	1	0	600	600	0
11/7/2023 19:11	53903 HALI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/7/2023 19:11	64802 MONE_T2	0	2	2	0	0	0	-0.01	-0.01	0	0	0	0	0	0
11/7/2023 19:11	54503 ENOL_T2	0	0	0	0	0	0	-0.42	-0.42	1	1	0	600	600	0
11/7/2023 19:11	67201 TEHI_T1	0	0	0	0	0	0	0.2	0.21	1	1	0	900	900	0
11/7/2023 19:11	56801 BENV_T1	40	44	4	0.69	0.8	0.11	-0.83	-0.86	1	1	0	600	600	0
11/7/2023 19:11	59003 MIFF_T1	0	0	0	0	0	0	0.23	0.29	0	0	0	0	0	0
11/7/2023 19:11	58402 MORO_T1	0	1	1	0	0	0	-1.07	-1.1	2	2	0	1500	1500	0
11/7/2023 19:11	41801 GOCI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/7/2023 19:11	59101 WALK_T2	1	2	1	0	1.5	1.5	1.59	1.49	0	0	0	0	0	0
11/7/2023 19:11	55002 NEWP_T1	5	6	1	0.32	0.63	0.31	-0.26	-0.27	0	0	0	0	0	0
11/7/2023 19:11	50506 MECH_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/7/2023 19:12	57403 SPAN_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/7/2023 19:12	43304 WATS_T2	0	0	0	0	0	0	-0.12	-0.09	0	0	0	0	0	0
11/7/2023 19:12	41901 REED_T1	10	9	-1	0.36	0.43	0.07	0	0	0	0	0	0	0	0
11/7/2023 19:12	61303 EARL_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/7/2023 19:12	54701 NEBL_T1	4	2	-2	0.23	0.2	-0.03	0	0	1	1	0	600	600	0
11/7/2023 19:12	51604 DUKE_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/7/2023 19:12	56802 BENV_T2	300	460	160	0.28	0.27	-0.01	-1.42	-1.39	0	0	0	0	0	0
11/7/2023 19:12	64101 REFR_T1	0	0	0	0	0	0	-0.41	-0.41	0	0	0	0	0	0
11/7/2023 19:12	53501 EVIL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/7/2023 19:13	49803 UNIV_T1	0	0	0	0	0	0	-1.24	-1.22	0	0	0	0	0	0
11/7/2023 19:13	57403 SPAN_T1	9	21	12	0.16	0.23	0.07	0	0	0	0	0	0	0	0
11/7/2023 19:13	56801 BENV_T1	40	44	4	0.69	0.8	0.11	-1.66	-1.72	2	2	0	1200	1200	0
11/7/2023 19:13	56802 BENV_T2	300	460	160	0.28	0.27	-0.01	-1.42	-1.39	0	0	0	0	0	0
11/7/2023 19:13	53903 HALI_T2	2	2	0	1.3	1.25	-0.05	-0.09	-0.09	0	0	0	0	0	0
11/7/2023 19:13	54505 ENOL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/7/2023 19:13	45402 WBLO_T2	21	21	0	0.16	0.18	0.02	0	0	0	0	0	0	0	0
11/7/2023 19:14	40101 HUNT_T2	1	1	0	0.3	0	-0.3	-0.43	-0.45	0	0	0	0	0	0
11/7/2023 19:16	56504 ROCK_T2	0	0	0	0	0	0	-0.29	-0.31	0	0	0	0	0	0
11/7/2023 19:17	53902 HALI_T2	0	0	0	0	0	0	-0.91	-0.92	0	0	0	0	0	0
11/7/2023 19:17	45501 DERR_T2	0	0	0	0	0	0	0.69	0.74	2	2	0	1800	1800	0
11/7/2023 19:27	59301 MCAL_T1	4	27	23	0.88	0.27	-0.61	-1.26	-1.27	0	0	0	0	0	0
11/7/2023 19:32	57401 SPAN_T1	2	2	0	0.4	0.8	0.4	-0.89	-0.87	1	1	0	600	600	0
11/7/2023 19:48	52404 GRPA_T2	1	1	0	0.3	0.4	0.1	0	0	0	0	0	0	0	0
11/7/2023 19:48	28403 HART_T2	0	0	0	0	0	0	-0.64	-0.65	1	1	0	900	900	0
11/7/2023 19:50	56504 ROCK_T2	0	0	0	0	0	0	-0.34	-0.3	0	0	0	0	0	0
11/7/2023 19:53	65003 NEFF_T2	53	125	72	0.17	0.25	0.08	0	0	0	0	0	0	0	0
11/7/2023 20:02	52401 GRPA_T2	0	1	1	0	0.2	0.2	-0.48	-0.5	0	0	0	0	0	0
11/7/2023 20:30	57401 SPAN_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/7/2023 22:45	15001 BLMO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/8/2023 0:28	40902 JESH_T1	0	0	0	0	0	0	-0.88	-0.86	0	0	0	0	0	0
11/8/2023 0:49	52403 GRPA_T2	0	2	2	0	0.1	0.1	-0.1	-0.1	0	0	0	0	0	0
11/8/2023 1:01	42701 AUGU_T1	0	0	0	0	0	0	0	0	1	1	0	600	600	0
11/8/2023 1:04	62604 ENGL_T1	0	0	0	0	0	0	0	0	1	1	0	600	600	0
11/8/2023 1:24	65001 NEFF_T2	5	13	8	0.14	0.16	0.02	-1.25	-1.3	1	1	0	1200	1200	0
11/8/2023 7:54	43402 BENT_T1	0	0	0	0	0	0	-1.42	-1.34	2	2	0	1500	1500	0
11/8/2023 7:56	41301 FISH_T1	3	3	0	0.87	0.87	0	-0.49	-0.57	0	0	0	0	0	0
11/8/2023 7:56	41304 FISH_T2	0	0	0	0	0	0	0.38	0.4	0	0	0	0	0	0
11/8/2023 7:58	46203 DANV_T2	0	0	0	0

Appendix C - Grid Benefits Achieved in Each Instance of Active Management

11/8/2023 8:52	55002 NEWP_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/8/2023 8:56	43001 ALWD_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/8/2023 8:57	43001 ALWD_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/8/2023 9:00	58402 MORO_T1	0	0	0	0	0	-4.04	-4.12	6	6	0	4800	4800	0	0
11/8/2023 9:00	64802 MONE_T2	72	0	-72	0.37	0	-0.37	-0.01	-0.01	0	0	0	0	0	0
11/8/2023 9:00	56504 ROCK_T2	0	0	0	0	0	0	-0.41	-0.44	0	0	0	0	0	0
11/8/2023 9:00	55002 NEWP_T1	9	16	7	1.18	0.86	-0.32	-0.24	-0.23	0	0	0	0	0	0
11/8/2023 9:00	42903 MIDD_T2	2	2	0	0.4	0.2	-0.2	0	0	0	0	0	0	0	0
11/8/2023 9:00	52503 PROG_T2	0	0	0	0	0	0	-0.72	-0.76	1	1	0	900	900	0
11/8/2023 9:00	15001 BLMO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/8/2023 9:06	47401 PENS_T1	0	1	1	0	0.5	0.5	0.84	0.84	0	0	0	0	0	0
11/8/2023 9:07	43001 ALWD_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/8/2023 9:07	54701 NEBL_T1	1	2	1	0.2	0.1	-0.1	0	0	1	1	0	600	600	0
11/8/2023 9:08	47401 PENS_T1	0	1	1	0	0.5	0.5	0.84	0.84	0	0	0	0	0	0
11/8/2023 9:08	13905 SEID_T1	1	1	0	0.1	0.2	0.1	0	0	0	0	0	0	0	0
11/8/2023 9:09	59102 WALK_T2	1	3	2	0.1	0.1	0	0	0	0	0	0	0	0	0
11/8/2023 9:11	54501 ENOL_T2	4	3	-1	0.33	0.2	-0.13	0	0	0	0	0	0	0	0
11/8/2023 9:11	43001 ALWD_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/8/2023 9:12	54501 ENOL_T2	4	3	-1	0.33	0.2	-0.13	0	0	0	0	0	0	0	0
11/8/2023 9:13	54505 ENOL_T2	1	1	0	1.3	1	-0.3	0	0	0	0	0	0	0	0
11/8/2023 9:13	41801 GOCI_T2	1	2	1	0.3	0.2	-0.1	0	0	0	0	0	0	0	0
11/8/2023 9:13	10805 CHHI_T2	1	7	6	9.3	3.57	-5.73	-0.04	0.03	1	1	0	600	600	0
11/8/2023 9:14	45501 DERR_T2	0	0	0	0	0	0	0.74	0.82	2	2	0	1800	1800	0
11/8/2023 9:15	45501 DERR_T2	0	0	0	0	0	0	0.74	0.82	2	2	0	1800	1800	0
11/8/2023 9:17	41801 GOCI_T2	1	4	3	0.3	0.35	0.05	0	0	0	0	0	0	0	0
11/8/2023 9:19	55002 NEWP_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/8/2023 9:21	49803 UNIV_T1	0	0	0	0	0	-1.1	-1.13	0	0	0	0	0	0	0
11/8/2023 9:21	55002 NEWP_T1	9	15	6	1.11	0.97	-0.14	-0.23	-0.22	0	0	0	0	0	0
11/8/2023 9:22	55002 NEWP_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/8/2023 9:22	58401 MORO_T1	0	3	3	0	0.37	0.37	0	0	0	0	0	0	0	0
11/8/2023 9:24	14401 SSLA_T1	1	1	0	0.3	0.4	0.1	0	0	0	0	0	0	0	0
11/8/2023 9:24	56802 BENV_T2	57	263	206	0.21	0.3	0.09	-1.35	-1.4	0	0	0	0	0	0
11/8/2023 9:25	14401 SSLA_T1	1	1	0	0.3	0.4	0.1	0	0	0	0	0	0	0	0
11/8/2023 9:27	56802 BENV_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/8/2023 9:28	56802 BENV_T2	57	263	206	0.21	0.3	0.09	-1.4	-1.42	0	0	0	0	0	0
11/8/2023 9:29	56802 BENV_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/8/2023 9:29	46801 HEPB_T2	2	2	0	0.25	0.6	0.35	0.57	0.55	0	0	0	0	0	0
11/8/2023 9:29	43402 BENT_T1	0	0	0	0	0	-1.36	-1.34	2	2	0	1500	1500	0	0
11/8/2023 9:33	64202 KINZ_T1	3	2	-1	0.37	0.15	-0.22	0	0	0	0	0	0	0	0
11/8/2023 9:36	42002 MNVL_T2	1	1	0	5.6	5.3	-0.3	0	0	0	0	0	0	0	0
11/8/2023 9:37	13704 SCHN_T2	0	1	1	0	0.2	0.2	-0.36	-0.39	0	0	0	0	0	0
11/8/2023 9:37	42201 SHEN_T2	0	0	0	0	0	0	-0.18	-0.16	1	1	0	600	600	0
11/8/2023 9:38	43301 WATS_T2	0	1	1	0	0.1	0.1	0	0	0	0	0	0	0	0
11/8/2023 9:38	59101 WALK_T2	3	2	-1	0.5	0.8	0.3	1.96	1.24	0	0	0	0	0	0
11/8/2023 9:39	43301 WATS_T2	0	1	1	0	0.1	0.1	0	0	0	0	0	0	0	0
11/8/2023 9:40	56802 BENV_T2	150	325	175	0.21	0.28	0.07	-2.81	-2.83	0	0	0	0	0	0
11/8/2023 9:42	56802 BENV_T2	150	325	175	0.21	0.28	0.07	-1.42	-1.38	0	0	0	0	0	0
11/8/2023 9:43	43302 WATS_T2	0	4	4	0	0.2	0.2	0	0	0	0	0	0	0	0
11/8/2023 9:43	56802 BENV_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/8/2023 9:44	56802 BENV_T2	150	325	175	0.21	0.28	0.07	-1.42	-1.38	0	0	0	0	0	0
11/8/2023 9:44	53601 DALM_T2	1	1	0	0.6	0.7	0.1	-0.12	-0.13	0	0	0	0	0	0
11/8/2023 9:45	40101 HUNT_T2	0	0	0	0	0	0	-0.35	-0.31	0	0	0	0	0	0
11/8/2023 9:49	54701 NEBL_T1	5	5	0	0.26	0.46	0.2	0	0	1	1	0	600	600	0
11/8/2023 9:49	59301 MCAL_T1	33	60	27	0.36	0.36	0	-1.49	-1.49	1	1	0	600	600	0
11/8/2023 9:50	42801 SELI_T1	1	1	0	0	0	0	0	0	0	0	0	0	0	0
11/8/2023 9:50	66502 SMAN_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/8/2023 9:50	45001 LIME_2	22	19	-3	0.25	0.18	-0.07	0	0	0	0	0	0	0	0
11/8/2023 9:52	42801 SELI_T1	1	1	0	0	0	0	0	0	0	0	0	0	0	0
11/8/2023 9:53	43301 WATS_T2	0	3	3	0	0.4	0.4	0	0	0	0	0	0	0	0
11/8/2023 9:53	42802 SELI_T1	1	1	0	0.4	1	0.6	-2.09	-2.08	0	1	1	0	900	900
11/8/2023 9:53	41901 REED_T1	3	4	1	0.27	0.33	0.06	-1.38	-1.34	1	1	0	900	900	0
11/8/2023 9:53	29402 BELT_T1	1	3	2	8.1	2.9	-5.2	0	0	0	0	0	0	0	0
11/8/2023 9:53	67002 STHI_T2	308	681	373	0.16	0.23	0.07	1.36	1.32	0	0	0	0	0	0
11/8/2023 9:53	64802 MONE_T2	1	44	43	0.2	0.3	0.1	-0.01	-0.01	0	0	0	0	0	0
11/8/2023 9:54	66502 SMAN_T2	0	0	0	0	0	0	0	0	1	1	0	900	900	0
11/8/2023 9:54	67001 STHI_T2	615	821	206	0.28	0.37	0.09	0	0	0	0	0	0	0	0
11/8/2023 9:54	42802 SELI_T1	1	1	0	0.4	1	0.6	-4.18	-4.16	0	2	2	0	1800	1800
11/8/2023 9:54	12202 FOGE_T2	176	287	111	0.48	0.55	0.07	0	0	1	1	0	600	600	0
11/8/2023 9:54	20403 ASHF_T2	8	18	10	0.38	0.31	-0.07	1.03	0.97	0	0	0	0	0	0
11/8/2023 9:55	66505 SMAN_T2	3	3	0	0.2	0.43	0.23	0	0	0	0	0	0	0	0
11/8/2023 9:55	29402 BELT_T1	1	3	2	8.1	2.9	-5.2	0	0	0	0	0	0	0	0
11/8/2023 9:55	42701 AUGU_T1	2	2	0	0.2	0.5	0.3	0	0	2	2	0	1800	1800	0
11/8/2023 9:55	43301 WATS_T2	0	3	3	0	0.4	0.4	0	0	0	0	0	0	0	0
11/8/2023 9:55	42801 SELI_T1	1	1	0	0	0	0	0	0	0	0	0	0	0	0
11/8/2023 9:55	20403 ASHF_T2	8	18	10	0.38	0.31	-0.07	1.03	0.97	0	0	0	0	0	0
11/8/2023 9:55	15001 BLMO_T1	2	3	1	0.3	0.37	0.07	0	0	0	0	0	0	0	0
11/8/2023 9:55	67001 STHI_T2	615	821	206	0.28	0.37	0.09	0	0	0	0	0	0	0	0
11/8/2023 9:56	42802 SELI_T1	1	1	0	0.4	1	0.6	-2.08	-2.12	0	1	1	0	900	900
11/8/2023 9:57	43302 WATS_T2	0	4	4	0	0.48	0.48	0	0	0	0	0	0	0	0
11/8/2023 9:57	42701 AUGU_T1	2	2	0	0.2	0.5	0.3	0	0	2	2	0	1800	1800	0
11/8/2023 9:58	62605 ENGL_T1	1	2	1	0.5	0.35	-0.15	0	0	0	0	0	0	0	0
11/8/2023 9:58	54505 ENOL_T2	2	1	-1	3.15	1	-2.15	0	0	0	0	0	0	0	0
11/8/2023 9:59	10801 CHHI_T1	0	2	2	0	0.15	0.15	-0.84	-0.91	1	1	0	900	900	0
11/8/2023 9:59	45802 HEGI_T2	0	0	0	0	0	0	1.49	1.46	0	0	0	0	0	0
11/8/2023 10:00	54501 ENOL_T2	2	4	2	0.15	0.4	0.25	-0.56	-0.58	1	1	0	600	600	0
11/8/2023 10:00	62605 ENGL_T1	2	1	-1	0.35	0.5	0.15	0	0	0	0	0	0	0	0
11/8/2023 10:00	45802 HEGI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/8/2023 10:01	60504 NMAN_T2	2	3	1	0.4	0.6	0.2	0	0	0	0	0	0	0	0
11/8/2023 10:01	53902 HALI_T2	0	1	1	0	0.1	0.1	0	0	0	0	0	0	0	0
11/8/2023 10:01	54502 ENOL_T2	1	1	0	0.9	1	0.1	0	0	0	0	0	0	0	0
11/8/2023 10:01	62604 ENGL_T1	0	0	0	0	0	0	0	0	1	1	0	600	600	0
11/8/2023 10:03	53903 HALI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/8/2023 10:03	55002 NEWP_T1	10	11	1	0.81	0.97	0.16	-0.42	-0.42	0	0	0	0	0	0
11/8/2023 10:04	26401 INOR_T1	33	27	-6	0.22	0.2	-0.02	0	0	0	0	0	0	0	0
11/8/2023 10:04	55002 NEWP_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/8/2023 10:05	43201 MVIL_T2	0	0	0	0	0	0	-0.38	-0.38	0	0	0	0	0	0
11/8/2023 10:05	64101 REFR_T1	0	0	0	0	0	0	-0.43	-0.33	0	0	0	0	0	0
11/8/2023 10:06	66501 SMAN_T2	2	2	0	0.3	0.35	0.05	0	0	0	0	0	0	0	0
11/8/2023 10:06	55002 NEWP_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/8/2023 10:07	46702 RENO_T1	0	0	0	0	0	0	-0.16	-0.17	0	0	0	0	0	0
11/8/2023 10:08	67002 STHI_T2	560	739	179	0.2	0.25	0.05	0	0	0	0	0	0	0	0
11/8/2023 10:08	64101 REFR_T1	0	0	0	0	0	0	-0.22	-0.16	0	0	0	0	0	0
11/8/2023 10:08	42201 SHEN_T2	0	0	0	0	0	0	-0.05	-0.17	1	1	0	600	600	0
11/8/2023 10:09	67001 STHI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/8/2023 10:09	64101 REFR_T1	0	0	0	0	0	0	-0.22	-0.16	0	0	0	0	0	0
11/8/2023 10:09	56801 BENV_T1	53	54	1	1.16	1.2	0.04	-0.8	-0.83	1	1	0	600	600	0
11/8/2023 10:09	67605 WARW_T1	24	56	32	0.53	0.44	-0.09	-1.17	-1.16	0	0	0	0	0	0
11/8/2023 10:10	67502 WEWI_T2	86	47	-39	0.2	0.22	0.02	0	0	0	0	0	0	0	0
11/8/2023 10:10	43301 WATS_T2	1	4	3	0.1	0.38	0.28	-0.65	-0.63	1	1	0	900	900	0
11/8/2023 10:10	43301 WATS_T2	1	4	3	0.1	0.38	0.28	-0.65	-0.63	1	1	0	900	900	0
11/8/2023 10:10	67002 STHI_T2	560	739	179	0.2	0.25	0.05	1.32	1.32	0	0	0	0	0	0
11/8/2023 10:10	40201 BEGA_T2	3	3	0	0.2	0.7	0.5	0	0	0	0	0	0	0	0
11/8/2023 10:10	56802 BENV_T2	291	447	156	0.25	0.27	0.02	-2.76	-2.82	0	0	0	0	0	0
11/8/2023 10:11	67001 STHI_T2	685	891	206	0.35	0.36	0.01	0	0	0	0	0	0	0	0
11/8/2023 10:11	53501 EVIL_T2	9	7	-2	0.32	0.24	-0.08	-0.61	-0.36	2	2	0	1200	1200	0
11/8/2023 10:11	40201 BEGA_T2	3	3	0	0.2	0.7	0.5	0	0	0	0	0	0	0	0
11/8/2023 10:11	44802 EDAN_T2	0	0	0	0	0	0	-0.93	-0.93	0	0	0	0	0	0
11/8/2023 10:11	43301 WATS_T2	1	4	3	0.1	0.38	0.28	-0.63	-0.66	1	1	0	900	900	0
11/8/2023 10:11	67001 STHI_T2	685	891	206	0.35	0.36	0.01	0	0	0	0	0	0	0	0
11/8/2023 10:11	54505 ENOL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/8/2023 10:12	56803 BENV_T1	3	7	4	1.17	0.81	-0.36	0	0	0	0	0	0	0	0
11/8/2023 10:12	40201 BEGA_T2	3	3	0	0.2	0.7	0.5	0	0	0	0	0	0	0	0
11/8/2023 10:12	44801 EDAN_T2	0	1	1	0	0	0	0	0	0	0	0	0	0	0
11/8/2023 10:13	45502 DERR_T2	0	2	2	0	0.9	0.9	0.55	0.28	0	1	1	0	300	300
11/8/2023 10:13	56802 BENV_T2	291	447	156	0.25	0.27	0.02	-1.41	-1.36	0	0	0	0	0	0
11/8/2023 10:13	15001 BLMO_T1	2	4	2	0.2	0.3	0.1	0	0	0	0	0	0	0	0
11/8/2023 10:13	53501 EVIL_T2	9	7	-2	0.32	0.24	-0.08	-0.61	-0.36	2	2	0	1200	1200	0
11/8/2023 10:14	28403 HART_T2	0	0	0	0	0	0	-0.83	-0.85	1	1	0	900	900	0
11/8/2023 10:15	45702 LIND_T2	0	0	0	0	0	0	-0.44	-0.43	0	0	0	0	0	0
11/8/2023 10:16	54505 ENOL_T2	1	1	0	1	1.1	0.1	0	0	0	0	0	0	0	0
11/8/2023 10:16	53501 EVIL_T2	2	8	6	0.25	0.25	0	-0.61	-0.36	2	2	0	1200	1200	0
11/8/2023 10:17	60502 NMAN_T2	0	0	0	0	0	0	-0.04	-0.06	0	0	0	0	0	0
11/8/2023 10:17	64204 KINZ_T1	2	3	1	0.7	1.1	0.4	0	0	0	0	0	0	0	0
11/8/2023 10:17	52402 GRPA_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/8/2023 10:17	57403 SPAN_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/8/2023 10:18	52402 GRPA_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/8/2023 10:20	65002 NEFF_T2	1	2	1	0.1	0.1	0	0	0	0	0	0	0	0	0
11/8/2023 10:20	42902 MIDD_T2	4	4	0	0.4	0.43	0.03	-0.19	-0.09	1	1	0	600	600	0
11/8/2023 10:21	67001 STHI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/8/2023 10:22	58302 NOTT_T1	0	0	0	0	0	0	-0.14	-0.22	1	1	0	1200	1200	0
11/8/2023 10:23	67002 STHI_T2	668	745	77	0.23	0.25	0.02	0	0	0	0	0	0	0	0
11/8/2023 10:23	67502 WEWI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/8/2023 10:24	67001 STHI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/8/2023 10:24	66701 STRA_T1	1	1	0	1.4	1.6	0.2	0	0	0	0	0	0	0	0
11/8/2023 10:25	67502 WEWI_T2	45	13	-32	0.21	0.35	0.14	-0.3	-0.22	0	0	0	0	0	0
11/8/2023 10:25	15001 BLMO_T1	3	4	1	0.37	0.33	-0.04	0	0	0	0	0	0	0	0
11/8/2023 10:25	67204 TEHI_T2	1	2	1	0.3	0.3	0	-0.09	-0.05	0	0	0	0	0	0
11/8/2023 10:26	15001 BLMO_T1	3	4	1	0.37	0.33	-0.04	0	0	0	0	0	0	0	0
11/8/2023 10:26	67204 TEHI_T2	1	2	1	0.3	0.3	0	-0.05	-0.06	0	0	0	0	0	0
11/8/2023 10:26	67502 WEWI_T2	45	13	-32	0.21	0.35	0.14	-0.43	-0.51	0	0	0	0	0	0
11/8/2023 10:26	55101 WERT_T1	0	0	0	0	0	0	-1.07	-1.04	2	2	0	1500	1500	0
11/8/2023 10:27	28604 BLYT_T2	0	0	0	0	0	0	-1.43	-1.44	0	0	0	0	0	0
11/8/2023 10:27	42701 AUGU_T1	2	3	1	0.4	0.67	0.27	0	0	4	4	0	3600	3600	0
11/8/2023 10:27	55101 WERT_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/8/2023 10:27	15001 BLMO_T1	3	4	1	0.37	0.33	-0.04	0	0	0	0	0	0	0	0
11/8/2023 10:27	54505 ENOL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/8/2023 10:28	11805 FRAN_T1	2	3	1	0.45	0.57	0.12	-1.2	-1.15	1	1	0	1200	1200	0
11/8/2023 10:28	67502 WEWI_T2	45	13	-32	0.21	0.35	0.14	-0.22	-0.26	0	0	0	0	0	0
11/8/2023 10:29	54503 ENOL_T2	1	1	0	1	1	0	0	0	0	0	0	0	0	0
11/8/2023 10:29	53903 HALI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/8/2023 10:29	65001 NEFF_T2	2	2	0	0.1	0.15	0.05	-0.44	-0.52	1	1	0	1200	1200	0
11/8/2023 10:29	67502 WEWI_T2	45	13	-32	0.21	0.35	0.14	-0.22	-0.26	0	0	0	0	0	0
11/8/2023 10:30	46203 DANV_T2	2	4	2	1.5	0.8	-0.7	-2.86	-2.98	0	0	0	0	0	0
11/8/2023 10:30	57403 SPAN_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/8/2023 10:30	52401 GRPA_T2	1	1	0	0.8	1.2	0.4	0	0	0	0	0	0	0	0
11/8/2023 10:31	54501 ENOL_T2	4	4	0	0.4	0.25	-0.15	-0.57	-0.58	1	1	0	600	600	0
11/8/2023 10:31	53902 HALI_T2	1	0	-1	0.1	0	-0.1	0	0	0	0	0	0	0	0
11/8/2023 10:32	54505 ENOL_T2	1	1	0	1.1	1	-0.1	0	0	0	0	0	0	0	0
11/8/2023 10:32	52401 GRPA_T2	1	1	0	0.8	1.2	0.4	0	0	0	0	0	0	0	0
11/8/2023 10:35	41902 REED_T1	0	0	0	0	0	0	2.08	2.23	0	0	0	0	0	0
11/8/2023 10:35	40602 PGR_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/8/2023 10:36	26401 INOR_T1	3	4	1	0.2	0.33	0.13	0	0	0	0	0	0	0	0
11/8/2023 10:36	14402 SSLA_T1	4	6	2	0.25	0.38	0.13	0	0	0	0	0	0	0	0
11/8/2023 10:36	64101 REFR_T1	0	0	0	0	0	0	-0.17	-0.17	0	0	0	0	0	0
11/8/2023 10:36	42801 SELI_T1	1	1	0	0	0	0	0	0	0	0	0	0	0	0
11/8/2023 10:37	54203 PENN_T1	22	21	-1	1.22	1.22	0	0	0	0	0	0	0	0	0
11/8/2023 10:38	40602 PGR_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/8/2023 10:38	42802 SELI_T1	1	2	1	1.1	0.7	-0.4	-2.1	-2.09	0	1	0	900	900	0
11/8/2023 10:38	41901 REED_T1	5	7	2	0.28	0.33	0.05	0	0	0	0	0

Appendix C - Grid Benefits Achieved in Each Instance of Active Management

11/8/2023 11:04	57403 SPAN_T1	173	177	4	0.58	0.7	0.12	-0.07	0.01	0	0	0	0	0	0
11/8/2023 11:04	13105 NHAM_T2	0	0	0	0	0	0	-0.33	-0.32	1	1	0	1200	1200	0
11/8/2023 11:05	64902 MILL_T2	1	0	-1	0.3	0	-0.3	-0.78	0.19	1	0	-1	900	0	-900
11/8/2023 11:05	54206 PENN_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/8/2023 11:06	29401 BELT_T1	1	1	0	0.2	0.1	-0.1	0	0	0	0	0	0	0	0
11/8/2023 11:06	42801 SELI_T1	1	1	0	0	0	0	0	0	0	0	0	0	0	0
11/8/2023 11:07	67002 STHI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/8/2023 11:07	15103 UPHA_T2	1	2	1	0.4	0.35	-0.05	0.36	0.4	0	0	0	0	0	0
11/8/2023 11:07	13302 ORVI_T2	2	2	0	0.65	0.6	-0.05	0.94	0.98	0	0	0	0	0	0
11/8/2023 11:07	42801 SELI_T1	1	1	0	0	0	0	0	0	0	0	0	0	0	0
11/8/2023 11:07	42201 SHEN_T2	0	1	1	0	0.5	0.5	-0.16	-0.17	1	1	0	600	600	0
11/8/2023 11:07	59102 WALK_T2	1	2	1	0.1	0.35	0.25	0	0	0	0	0	0	0	0
11/8/2023 11:07	64101 REFR_T1	0	0	0	0	0	0	-0.17	-0.15	0	0	0	0	0	0
11/8/2023 11:08	66501 SMAN_T2	2	2	0	0.6	0.7	0.1	0	0	0	0	0	0	0	0
11/8/2023 11:08	29401 BELT_T1	1	1	0	0.2	0.1	-0.1	0	0	0	0	0	0	0	0
11/8/2023 11:08	56801 BENV_T1	54	57	3	1.08	1.15	0.07	-0.81	-0.82	1	1	0	600	600	0
11/8/2023 11:08	42801 SELI_T1	1	1	0	0	0	0	0	0	0	0	0	0	0	0
11/8/2023 11:08	55101 WERT_T1	0	0	0	0	0	0	-1.09	-1.09	2	2	0	1500	1500	0
11/8/2023 11:09	60201 ATGL_T2	0	0	0	0	0	0	0.67	0.49	2	2	0	600	600	0
11/8/2023 11:09	49803 UNIV_T1	0	1	1	0	0.8	0.8	-1.08	-1.06	0	0	0	0	0	0
11/8/2023 11:09	67502 WEWI_T2	12	20	8	0.4	0.45	0.05	0	0	0	0	0	0	0	0
11/8/2023 11:09	56501 ROCK_T2	15	18	3	0.55	0.67	0.12	-1.64	-1.65	0	0	0	0	0	0
11/8/2023 11:09	55101 WERT_T1	0	0	0	0	0	0	-2.19	-2.17	4	4	0	3000	3000	0
11/8/2023 11:09	56803 BENV_T1	5	4	-1	0.92	1.15	0.23	0	0	0	0	0	0	0	0
11/8/2023 11:09	42801 SELI_T1	1	1	0	0	0	0	0	0	0	0	0	0	0	0
11/8/2023 11:10	66501 SMAN_T2	2	2	0	0.6	0.7	0.1	0	0	0	0	0	0	0	0
11/8/2023 11:10	55101 WERT_T1	0	0	0	0	0	0	-1.09	-1.09	2	2	0	1500	1500	0
11/8/2023 11:10	56801 BENV_T1	54	57	3	1.08	1.15	0.07	-0.81	-0.82	1	1	0	600	600	0
11/8/2023 11:11	67503 WEWI_T2	0	0	0	0	0	0	-0.51	-0.57	0	0	0	0	0	0
11/8/2023 11:11	67203 TEHI_T1	0	0	0	0	0	0	2.7	2.53	2	2	0	1200	1200	0
11/8/2023 11:11	56803 BENV_T1	5	4	-1	0.92	1.15	0.23	0	0	0	0	0	0	0	0
11/8/2023 11:12	55101 WERT_T1	0	0	0	0	0	0	-1.09	-1.15	2	2	0	1500	1500	0
11/8/2023 11:12	56803 BENV_T1	5	4	-1	0.92	1.15	0.23	0	0	0	0	0	0	0	0
11/8/2023 11:13	56803 BENV_T1	5	4	-1	0.92	1.15	0.23	0	0	0	0	0	0	0	0
11/8/2023 11:13	42701 AUGU_T1	3	3	0	0.67	0.63	-0.04	0	0	0	0	0	0	0	0
11/8/2023 11:13	56802 BENV_T2	333	11	-322	0.35	0.37	0.02	-0.67	-0.72	0	0	0	0	0	0
11/8/2023 11:14	21606 EYNO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/8/2023 11:17	46903 MNTG_T2	1	5	4	0.1	1.74	1.64	0	0	0	0	0	0	0	0
11/8/2023 11:17	41801 GOCI_T2	12	9	-3	0.44	0.47	0.03	0	0	0	0	0	0	0	0
11/8/2023 11:18	45001 LIME_2	7	32	25	0.26	0.48	0.22	0	0	0	0	0	0	0	0
11/8/2023 11:19	64204 KINZ_T1	87	122	35	0.67	0.76	0.09	0	0	0	0	0	0	0	0
11/8/2023 11:19	65004 NEFF_T2	1	5	4	0.3	0.24	-0.06	-0.54	-0.54	0	0	0	0	0	0
11/8/2023 11:19	51201 MTON_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/8/2023 11:19	40902 JESH_T1	0	0	0	0	0	0	-1.05	-1.15	1	1	0	600	600	0
11/8/2023 11:20	64201 KINZ_T1	0	1	1	0	0.1	0.1	-0.31	0.19	4	4	0	2100	2100	0
11/8/2023 11:21	15601 NSTR_T2	3	3	0	0.83	0.53	-0.3	0	0	0	0	0	0	0	0
11/8/2023 11:21	66701 STRA_T1	1	3	2	0.4	3.43	3.03	0	0	0	0	0	0	0	0
11/8/2023 11:22	45402 WBLO_T2	23	20	-3	0.22	0.21	-0.01	-0.67	-0.67	0	0	0	0	0	0
11/8/2023 11:22	65603 QVIL_T2	1	1	0	6.6	6.5	-0.1	0	0	0	0	0	0	0	0
11/8/2023 11:22	60701 BREC_T1	0	0	0	0	0	0	-0.41	-0.47	2	2	0	1200	1200	0
11/8/2023 11:23	54505 ENOL_T2	1	1	0	1	1	0	0	0	0	0	0	0	0	0
11/8/2023 11:23	65603 QVIL_T2	1	1	0	6.6	6.5	-0.1	0	0	0	0	0	0	0	0
11/8/2023 11:23	43705 WILL_T1	2	2	0	1.05	1.2	0.15	-1.03	-1.05	0	0	0	0	0	0
11/8/2023 11:25	60801 BUCK_T1	1	1	0	0.1	0.4	0.3	0.1	0.07	0	0	0	0	0	0
11/8/2023 11:25	60201 ATGL_T2	0	2	2	0	0.2	0.2	0.24	0.3	1	1	0	300	300	0
11/8/2023 11:27	45501 DEIR_T2	0	0	0	0	0	0	0.73	0.66	2	2	0	1800	1800	0
11/8/2023 11:29	40101 HUNT_T2	1	2	1	0.5	0.5	0	-0.31	-0.39	0	0	0	0	0	0
11/8/2023 11:30	52006 LING_T2	3	3	0	0.57	0.73	0.16	0	0	0	0	0	0	0	0
11/8/2023 11:31	23301 JEFF_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/8/2023 11:32	26401 INOR_T1	2	3	1	0.15	0.37	0.22	0	0	0	0	0	0	0	0
11/8/2023 11:33	46901 MNTG_T2	0	1	1	0	0.1	0.1	0.59	0.05	1	1	0	1200	1200	0
11/8/2023 11:33	52004 LING_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/8/2023 11:34	40101 HUNT_T2	1	2	1	0.5	0.2	-0.3	-0.31	-0.39	0	0	0	0	0	0
11/8/2023 11:34	59302 MCAL_T1	1	4	3	0.1	0.23	0.13	0	0	0	0	0	0	0	0
11/8/2023 11:35	64201 KINZ_T1	1	0	-1	0.1	0	-0.1	0.19	0.25	4	3	-1	2100	1500	-600
11/8/2023 11:36	64902 MILL_T2	0	0	0	0	0	0	0.18	0.19	0	0	0	0	0	0
11/8/2023 11:36	64201 KINZ_T1	0	1	1	0	0.1	0.1	0.35	0.3	1	1	0	600	600	0
11/8/2023 11:36	13901 SEID_T1	0	0	0	0	0	0	0.15	0.13	0	0	0	0	0	0
11/8/2023 11:36	64201 KINZ_T1	1	0	-1	0.1	0	-0.1	0.19	0.25	4	3	-1	2100	1500	-600
11/8/2023 11:38	65004 NEFF_T2	2	6	4	0.35	0.25	-0.1	0	0	0	0	0	0	0	0
11/8/2023 11:38	65604 QVIL_T2	0	0	0	0	0	0	0.3	0.33	0	0	0	0	0	0
11/8/2023 11:38	15103 UPHA_T2	2	2	0	0.35	0.55	0.2	0.38	0.36	0	0	0	0	0	0
11/8/2023 11:39	43001 ALWD_T1	4	6	2	0.5	0.47	-0.03	0	0	0	0	0	0	0	0
11/8/2023 11:39	65604 QVIL_T2	0	0	0	0	0	0	0.3	0.33	0	0	0	0	0	0
11/8/2023 11:40	14404 SSLA_T1	8	18	10	0.25	0.36	0.11	0	0	0	0	0	0	0	0
11/8/2023 11:40	43001 ALWD_T1	4	6	2	0.5	0.47	-0.03	0	0	0	0	0	0	0	0
11/8/2023 11:41	14404 SSLA_T1	8	18	10	0.25	0.36	0.11	0	0	0	0	0	0	0	0
11/8/2023 11:41	61303 EARL_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/8/2023 11:41	60101 COCA_T1	0	1	1	0	0.1	0.1	0.48	0.52	0	0	0	0	0	0
11/8/2023 11:42	61302 EARL_T1	1	1	0	0.7	0.8	0.1	0	0	0	0	0	0	0	0
11/8/2023 11:43	52403 GRPA_T2	4	5	1	0.45	0.7	0.25	0.07	0.03	0	0	0	0	0	0
11/8/2023 11:43	40201 BEGA_T2	3	3	0	0.85	0.45	-0.4	0	0	0	0	0	0	0	0
11/8/2023 11:44	28403 HART_T2	0	0	0	0	0	0	-1.74	-1.68	2	2	0	1800	1800	0
11/8/2023 11:45	61303 EARL_T1	0	0	0	0	0	0	0.77	0.76	0	0	0	0	0	0
11/8/2023 11:45	52004 LING_T2	6	7	1	1.02	0.87	-0.15	0.18	0.13	0	0	0	0	0	0
11/8/2023 11:45	52401 GRPA_T2	2	2	0	0.5	0.4	-0.1	0	0	0	0	0	0	0	0
11/8/2023 11:46	52402 GRPA_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/8/2023 11:46	64203 KINZ_T1	1	1	0	0.1	0.2	0.1	0	0	0	0	0	0	0	0
11/8/2023 11:47	52402 GRPA_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/8/2023 11:47	64902 MILL_T2	0	0	0	0	0	0	0.19	0.17	0	0	0	0	0	0
11/8/2023 11:48	47403 PENS_T1	1	5	4	1.4	0.7	-0.7	0	0	0	0	0	0	0	0
11/8/2023 11:48	52401 GRPA_T2	2	2	0	0.5	0.4	-0.1	0	0	0	0	0	0	0	0
11/8/2023 11:48	46903 MNTG_T2	4	1	-3	0.28	0.5	0.22	0	0	0	0	0	0	0	0
11/8/2023 11:48	52004 LING_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/8/2023 11:49	64101 REFR_T1	0	1	1	0	0.1	0.1	-0.31	-0.42	0	0	0	0	0	0
11/8/2023 11:50	47402 PENS_T1	0	1	1	0	0.5	0.5	0	0	0	0	0	0	0	0
11/8/2023 11:50	64202 KINZ_T1	2	3	1	0.4	0.3	-0.1	0	0	0	0	0	0	0	0
11/8/2023 11:51	47401 PENS_T1	6	11	5	0.5	0.5	0	1.06	1.02	0	0	0	0	0	0
11/8/2023 11:51	40201 BEGA_T2	3	4	1	0.45	0.7	0.25	0	0	0	0	0	0	0	0
11/8/2023 11:52	13905 SEID_T1	0	2	2	0	0.25	0.25	0	0	0	0	0	0	0	0
11/8/2023 11:52	40201 BEGA_T2	3	4	1	0.45	0.7	0.25	0	0	0	0	0	0	0	0
11/8/2023 11:52	42201 SHEN_T2	1	3	2	0.8	0.5	-0.3	-0.2	-0.2	1	1	0	600	600	0
11/8/2023 11:53	14801 TREI_T2	63	105	42	0.24	0.29	0.05	0.25	0.25	0	0	0	0	0	0
11/8/2023 11:53	42201 SHEN_T2	1	3	2	0.8	0.5	-0.3	-0.4	-0.41	2	2	0	1200	1200	0
11/8/2023 11:53	14802 TREI_T2	13	21	8	0.19	0.2	0.01	0.29	0.3	0	0	0	0	0	0
11/8/2023 11:54	65601 QVIL_T2	2	4	2	0.35	0.3	-0.05	0	0	0	0	0	0	0	0
11/8/2023 11:54	40201 BEGA_T2	3	4	1	0.45	0.7	0.25	0	0	0	0	0	0	0	0
11/8/2023 11:54	59102 WALK_T2	1	4	3	0.1	0.28	0.18	0	0	0	0	0	0	0	0
11/8/2023 11:54	14801 TREI_T2	63	105	42	0.24	0.29	0.05	0	0	0	0	0	0	0	0
11/8/2023 11:54	64101 REFR_T1	0	1	1	0	0.1	0.1	-0.15	-0.21	0	0	0	0	0	0
11/8/2023 11:55	65601 QVIL_T2	2	4	2	0.35	0.3	-0.05	0	0	0	0	0	0	0	0
11/8/2023 11:55	43001 ALWD_T1	3	6	3	0.73	0.47	-0.26	0	0	0	0	0	0	0	0
11/8/2023 11:56	53901 HALI_T2	5	3	-2	0.64	0.53	-0.11	0	0	0	0	0	0	0	0
11/8/2023 11:56	14802 TREI_T2	13	21	8	0.19	0.2	0.01	0.3	0.29	0	0	0	0	0	0
11/8/2023 11:56	43001 ALWD_T1	3	6	3	0.73	0.47	-0.26	0	0	0	0	0	0	0	0
11/8/2023 11:56	46001 BERW_T1	0	0	0	0	0	0	1.82	2.11	0	0	0	0	0	0
11/8/2023 11:57	59101 WALK_T2	1	1	0	0	0	0	1.87	1.58	1	1	0	600	600	0
11/8/2023 11:57	46001 BERW_T1	0	0	0	0	0	0	1.82	2.11	0	0	0	0	0	0
11/8/2023 11:57	60101 COCA_T1	0	3	3	0	0.17	0.17	0.52	0.54	0	0	0	0	0	0
11/8/2023 11:57	40201 BEGA_T2	3	4	1	0.45	0.7	0.25	0	0	0	0	0	0	0	0
11/8/2023 11:58	46203 DANV_T2	2	5	3	0.8	0.58	-0.22	-1.39	-1.5	0	0	0	0	0	0
11/8/2023 11:59	46203 DANV_T2	2	5	3	0.8	0.58	-0.22	-1.39	-1.5	0	0	0	0	0	0
11/8/2023 12:02	64902 MILL_T2	0	0	0	0	0	0	0.17	0.18	0	0	0	0	0	0
11/8/2023 12:02	47101 MARL_T1	0	0	0	0	0	0	-0.82	-0.75	1	1	0	600	600	0
11/8/2023 12:03	47101 MARL_T1	0	0	0	0	0	0	-0.82	-0.75	1	1	0	600	600	0
11/8/2023 12:04	47101 MARL_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/8/2023 12:05	65604 QVIL_T2	0	0	0	0	0	0	0.28	0.32	0	0	0	0	0	0
11/8/2023 12:05	47101 MARL_T1	0	0	0	0	0	0	-0.82	-0.75	1	1	0	600	600	0
11/8/2023 12:06	14403 SSLA_T1	5	5	0	0.78	0.52	-0.26	0.69	0.69	0	0	0	0	0	0
11/8/2023 12:07	14801 TREI_T2	86	105	19	0.27	0.29	0.02	0	0	0	0	0	0	0	0
11/8/2023 12:07	14403 SSLA_T1	5	5	0	0.78	0.52	-0.26	0.69	0.69	0	0	0	0	0	0
11/8/2023 12:09	14801 TREI_T2	86	105	19	0.27	0.29	0.02	0.25	0.22	0	0	0	0	0	0
11/8/2023 12:09	65602 QVIL_T2	0	5	5	0	0.12	0.12	0	0	0	0	0	0	0	0
11/8/2023 12:09	14802 TREI_T2	18	27	9	0.16	0.19	0.03	0.3	0.29	0	0	0	0	0	0
11/8/2023 12:11	44302 BEAV_T2	8	20	12	0.33	0.47	0.14	0.21	0.2	0	0	0	0	0	0
11/8/2023 12:13	60101 COCA_T1	1	3	2	0.1	0.2	0.1	0.54	0.49	0	0	0	0	0	0
11/8/2023 12:15	52004 LING_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/8/2023 12:17	52002 LING_T2	1	1	0	1.1	1.1	0	0	0	0	0	0	0	0	0
11/8/2023 12:20	54202 PENN_T2	0	0	0	0	0	0	0.57	0.59	0	0	0	0	0	0
11/8/2023 12:23	59101 WALK_T2	1	2	1	0	0	0	1.58	1.74	1	1	0	600	600	0
11/8/2023 12:25	15001 BLMO_T1	2	3	1	0.15	0.33	0.18	0	0	0	0	0	0	0	0
11/8/2023 12:25	59102 WALK_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/8/2023 12:26	59101 WALK_T2	1	1	0	0	0	0	3.48	3.24	2	2	0	1200	1200	0
11/8/2023 12:32	64204 KINZ_T1	3	3	0	0.33	0.7	0.37	0	0	0	0	0	0	0	0
11/8/2023 12:32	59301 MCAL_T1	10	4	-6	0.66	0.25	-0.41	-0.95	-0.95	0	0	0	0	0	0
11/8/2023 12:34	64201 KINZ_T1	0	0	0	0	0	0	-0.31	-0.25	4	4	0	2100	2100	0
11/8/2023 12:36	46903 MNTG_T2	0	1	1	0	0.6	0.6	0	0	0	0	0	0	0	0
11/8/2023 12:43	61304 EARL_T1	2	0	-2	0.4	0	-0.4	0	0	0	0	0	0	0	0
11/8/2023 12:44	61303 EARL_T1	0	0	0	0	0	0	0.73	0.7	0	0	0	0	0	0
11/8/2023 12:48	47401 PENS_T1	3	3	0	0.57	0.5	-0.07	0.88	0.87	0	0	0	0	0	0
11/8/2023 12:51	47403 PENS_T1	1	1	0	2	2.5	0.5	0	0	0	0	0	0	0	0
11/8/2023 12:52	59102 WALK_T2	5	4	-1	0.26	0.38	0.12	0	0	0	0	0	0	0	0
11/8/2023 12:54	47403 PENS_T1	1	1	0	2	2.5	0.5	0	0	0	0	0	0	0	0
11/8/2023 12:54	59101 WALK_T2	1	1	0	0	0	0	1.62	1.36	1	0	-1	600	0	-600
11/8/2023 12:57	59102 WALK_T2	5	4	-1	0.26	0.38	0.12	0	0	0	0	0	0	0	0
11/8/2023 13:03	59301 MCAL_T1	2	5	3	0.2	0.4	0.2	0	0	0	0	0	0	0	0
11/8/2023 13:05	57304 MOAL_T2	35	14	-21	0.26	0.24	-0.02	-0.72	-0.73	0	0	0	0	0	0
11/8/2023 13:09	14404 SSLA_T1	7	8	1	0.26	0.3	0.04	0	0	0	0	0	0	0	0
11/8/2023 13:09	43001 ALWD_T1	3	4	1	0.3	0.85	0.55	0	0	0	0	0	0	0	0
11/8/2023 13:09	64101 REFR_T1	0	1	1	0	0.2	0.2	-0.17	-0.16	0	0	0	0	0	0
11/8/2023 13:10	14401 SSLA_T1	2	3	1	0.3	0.53	0.23	0	0	0	0	0	0	0	0
11/8/2023 13:13	43001 ALWD_T1	3	4	1	0.3	0.85	0.55	0	0	0	0	0	0	0	0
11/8/2023 13:22	42201 SHEN_T2	3	3	0	0.7	0.9	0.2	-0.6	-0.55	3	3	0	1800	1800	0
11/8/2023 13:25	46001 BERW_T1	0	0	0	0	0	0	2.05	2.1	0	0	0	0	0	0
11/8/2023 13:27	46001 BERW_T1	0	0	0	0	0	0	2.1	2.1	0	0	0	0	0	0
11/8/2023 13:28	52402 GRPA_T2	9	16	7	0.84	0.64	-0.2	0	0	0	0	0	0	0	0
11/8/2023 13:28	46203 DANV_T2	3	5	2	0.53	0.26	-0.27	-1.56	-1.53	0	0	0	0	0	0
11/8/2023 13:29	46203 DANV_T2	3	5	2	0.53	0.26	-0.27	-1.56	-1.53	0	0	0	0	0	0
11/8/2023 13:31	52402 GRPA_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/8/2023 13:32	65005 NEFF_T2	0	1	1	0	0.3	0.3	0	0	0	0	0	0	0	0
11/8/2023 13:33	52402 GRPA_T2	15	23	8	0.67	0.5	-0.17	0	0	0	0	0	0	0	0
11/8/2023 13:36	14404 SSLA_T1	8	40	32	0.3	0.25	-0.05	0	0	0	0	0	0	0	0
11/8/2023 13:37	52402 GRPA_T2	15	23	8	0.67	0.5	-0.17	0	0	0	0	0	0	0	0
11/8/2023 13:39	43001 ALWD_T1	4	12	8	0.83	0.28	-0.55	0	0	0	0	0	0	0	0
11/8/2023 13:39	14802 TREI_T2	10	27	17	0.14	0.21	0.07	0.25	0.25	0	0	0	0	0	0
11/8/2023 13:40	43001 ALWD_T1	4	12	8	0.83	0.28	-0.55	0	0	0	0	0	0	0	0
11/8/2023 13:46	52401 GRPA_T2	2	2	0	0.45	0.65	0.2	0	0	0	0	0	0	0	0
11/8/2023 13:48	52402 GRPA_T2	0	0	0	0	0	0	0	0	0	0	0

11/8/2023 14:21	42901 MIDD_T2	0	1	1	0	0.2	0.2	0	0	0	0	0	0	0	0
11/8/2023 14:21	29402 BELT_T1	1	1	0	8.1	8.2	0.1	0	0	0	0	0	0	0	0
11/8/2023 14:21	55002 NEWP_T1	11	8	-3	1.1	1.1	0	-0.23	-0.24	0	0	0	0	0	0
11/8/2023 14:21	13901 SEID_T1	0	0	0	0	0	0	0.12	0.14	0	0	0	0	0	0
11/8/2023 14:22	64101 REFR_T1	5	2	-3	0.26	0.15	-0.11	-0.17	-0.18	0	0	0	0	0	0
11/8/2023 14:22	13704 SCHN_T2	1	1	0	0.3	0.2	-0.1	-0.44	-0.44	0	0	0	0	0	0
11/8/2023 14:22	14403 SSLA_T1	1	4	3	0.7	0.33	-0.37	1.6	1.58	0	0	0	0	0	0
11/8/2023 14:22	14404 SSLA_T1	20	108	88	0.21	0.15	-0.06	0	0	0	0	0	0	0	0
11/8/2023 14:22	29402 BELT_T1	1	1	0	8.1	8.2	0.1	0	0	0	0	0	0	0	0
11/8/2023 14:22	29402 BELT_T1	1	1	0	8.1	8.2	0.1	0	0	0	0	0	0	0	0
11/8/2023 14:23	55002 NEWP_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/8/2023 14:23	14402 SSLA_T1	26	117	91	0.26	0.17	-0.09	0	0	0	0	0	0	0	0
11/8/2023 14:23	14402 SSLA_T1	26	117	91	0.26	0.17	-0.09	0	0	0	0	0	0	0	0
11/8/2023 14:23	13704 SCHN_T2	1	1	0	0.3	0.2	-0.1	-0.44	-0.44	0	0	0	0	0	0
11/8/2023 14:24	64101 REFR_T1	5	2	-3	0.26	0.15	-0.11	-0.17	-0.18	0	0	0	0	0	0
11/8/2023 14:24	46001 BERW_T1	0	0	0	0	0	0	2.04	2.08	0	0	0	0	0	0
11/8/2023 14:25	46203 DANV_T2	3	0	-3	0.13	0	-0.13	0	0	0	0	0	0	0	0
11/8/2023 14:25	27502 WEIS_T2	0	0	0	0	0	0	-0.01	-0.03	0	0	0	0	0	0
11/8/2023 14:26	46203 DANV_T2	3	0	-3	0.13	0	-0.13	-1.55	-1.55	0	0	0	0	0	0
11/8/2023 14:26	28403 HART_T2	0	0	0	0	0	0	-0.84	-0.87	1	1	0	900	900	0
11/8/2023 14:27	46004 BERW_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/8/2023 14:27	28403 HART_T2	0	0	0	0	0	0	-0.84	-0.87	1	1	0	900	900	0
11/8/2023 14:27	60801 BUCK_T1	1	1	0	0.1	0.1	0	0.11	0.08	0	0	0	0	0	0
11/8/2023 14:27	41301 FISH_T1	9	7	-2	0.64	0.74	0.1	-0.06	-0.06	0	0	0	0	0	0
11/8/2023 14:27	43001 ALWD_T1	10	15	5	0.19	0.19	0	0	0	0	0	0	0	0	0
11/8/2023 14:28	43001 ALWD_T1	10	15	5	0.19	0.19	0	0	0	0	0	0	0	0	0
11/8/2023 14:28	46001 BERW_T1	0	0	0	0	0	0	2.08	1.16	0	0	0	0	0	0
11/8/2023 14:28	41301 FISH_T1	9	7	-2	0.64	0.74	0.1	-0.06	-0.06	0	0	0	0	0	0
11/8/2023 14:28	44802 EDAN_T2	0	0	0	0	0	0	-0.87	-0.87	0	0	0	0	0	0
11/8/2023 14:29	41301 FISH_T1	9	7	-2	0.64	0.74	0.1	-0.06	-0.06	0	0	0	0	0	0
11/8/2023 14:29	60101 COCA_T1	0	0	0	0	0	0	0.48	0.49	0	0	0	0	0	0
11/8/2023 14:29	26401 INOR_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/8/2023 14:29	44802 EDAN_T2	0	0	0	0	0	0	-1.74	-1.74	0	0	0	0	0	0
11/8/2023 14:29	41801 GOCI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/8/2023 14:30	46203 DANV_T2	0	0	0	0	0	0	-1.55	-1.55	0	0	0	0	0	0
11/8/2023 14:30	60901 DONG_T2	1	0	-1	0.2	0	-0.2	0	0	0	0	0	0	0	0
11/8/2023 14:30	40101 HUNT_T2	0	0	0	0	0	0	-0.3	-0.31	0	0	0	0	0	0
11/8/2023 14:31	64801 MONE_T2	9	7	-2	0.19	0.17	-0.02	0	0	0	0	0	0	0	0
11/8/2023 14:32	67502 WEWI_T2	191	117	-74	0.23	0.21	-0.02	-0.31	-0.25	0	0	0	0	0	0
11/8/2023 14:32	67503 WEWI_T2	0	0	0	0	0	0	-0.33	-0.32	0	0	0	0	0	0
11/8/2023 14:32	52004 LING_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/8/2023 14:32	64802 MONE_T2	32	39	7	0.17	0.14	-0.03	0	0	0	0	0	0	0	0
11/8/2023 14:32	26401 INOR_T1	0	0	0	0	0	0	0.59	0.59	0	0	0	0	0	0
11/8/2023 14:32	41801 GOCI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/8/2023 14:33	67502 WEWI_T2	191	117	-74	0.23	0.21	-0.02	-0.61	-0.5	0	0	0	0	0	0
11/8/2023 14:33	67503 WEWI_T2	0	0	0	0	0	0	-0.33	-0.32	0	0	0	0	0	0
11/8/2023 14:33	52006 LING_T2	3	3	0	0.77	0.8	0.03	0	0	0	0	0	0	0	0
11/8/2023 14:33	55002 NEWP_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/8/2023 14:34	67503 WEWI_T2	0	0	0	0	0	0	-0.33	-0.32	0	0	0	0	0	0
11/8/2023 14:34	67502 WEWI_T2	191	117	-74	0.23	0.21	-0.02	-0.31	-0.25	0	0	0	0	0	0
11/8/2023 14:35	67502 WEWI_T2	191	117	-74	0.23	0.21	-0.02	-0.31	-0.25	0	0	0	0	0	0
11/8/2023 14:36	29401 BELT_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/8/2023 14:36	65003 NEFF_T2	7	7	0	0.29	0.34	0.05	0	0	0	0	0	0	0	0
11/8/2023 14:36	29402 BELT_T1	1	1	0	8.2	8.2	0	0	0	0	0	0	0	0	0
11/8/2023 14:36	67503 WEWI_T2	0	0	0	0	0	0	-0.33	-0.32	0	0	0	0	0	0
11/8/2023 14:36	13701 SCHN_T2	2	2	0	0.25	0.25	0	0	0	0	0	0	0	0	0
11/8/2023 14:36	55002 NEWP_T1	8	8	0	1.1	0.8	-0.3	-0.48	-0.46	0	0	0	0	0	0
11/8/2023 14:37	65603 QVIL_T2	1	1	0	7	6.7	-0.3	0	0	0	0	0	0	0	0
11/8/2023 14:37	14401 SSLA_T1	6	6	0	0.38	0.37	-0.01	-0.56	-0.59	0	0	0	0	0	0
11/8/2023 14:37	13901 SEID_T1	0	0	0	0	0	0	0.14	0.16	0	0	0	0	0	0
11/8/2023 14:37	60801 BUCK_T1	1	0	-1	0.1	0	-0.1	0.11	0.08	0	0	0	0	0	0
11/8/2023 14:37	55002 NEWP_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/8/2023 14:37	64101 REFR_T1	2	1	-1	0.15	0.1	-0.05	-0.18	-0.15	0	0	0	0	0	0
11/8/2023 14:37	29402 BELT_T1	1	1	0	8.2	8.2	0	0	0	0	0	0	0	0	0
11/8/2023 14:38	65603 QVIL_T2	1	1	0	7	6.7	-0.3	0	0	0	0	0	0	0	0
11/8/2023 14:38	13704 SCHN_T2	1	3	2	0.1	0.17	0.07	-0.44	-0.4	0	0	0	0	0	0
11/8/2023 14:38	29401 BELT_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/8/2023 14:38	43001 ALWD_T1	6	35	29	0.32	0.19	-0.13	0	0	0	0	0	0	0	0
11/8/2023 14:39	14404 SSLA_T1	87	102	15	0.15	0.15	0	0	0	0	0	0	0	0	0
11/8/2023 14:39	56803 BENV_T1	1	1	0	0.5	0.2	-0.3	0	0	0	0	0	0	0	0
11/8/2023 14:39	13704 SCHN_T2	1	3	2	0.1	0.17	0.07	-0.44	-0.4	0	0	0	0	0	0
11/8/2023 14:39	14801 TREI_T2	97	130	33	0.24	0.27	0.03	0	0	0	0	0	0	0	0
11/8/2023 14:39	16302 ALPA_T2	0	0	0	0	0	0	0.56	0.58	0	0	0	0	0	0
11/8/2023 14:39	46001 BERW_T1	0	0	0	0	0	0	2.08	1.16	0	0	0	0	0	0
11/8/2023 14:40	27503 WEIS_T2	14	0	-14	0.16	0	-0.16	0	0	0	0	0	0	0	0
11/8/2023 14:40	20401 ASHF_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/8/2023 14:40	14801 TREI_T2	97	130	33	0.24	0.27	0.03	0.24	0.21	0	0	0	0	0	0
11/8/2023 14:40	46001 BERW_T1	0	0	0	0	0	0	2.08	1.16	0	0	0	0	0	0
11/8/2023 14:41	66701 STRA_T1	1	1	0	0.6	0.3	-0.3	0	0	0	0	0	0	0	0
11/8/2023 14:41	46203 DANV_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/8/2023 14:41	20403 ASHF_T2	12	5	-7	0.24	0.24	0	0.96	0.76	0	0	0	0	0	0
11/8/2023 14:41	60801 BUCK_T1	1	0	-1	0.1	0	-0.1	0	0	0	0	0	0	0	0
11/8/2023 14:41	45902 AUBU_T1	0	0	0	0	0	0	-0.13	-0.14	0	0	0	0	0	0
11/8/2023 14:41	14801 TREI_T2	97	130	33	0.24	0.27	0.03	0	0	0	0	0	0	0	0
11/8/2023 14:41	16302 ALPA_T2	0	0	0	0	0	0	0.58	0.61	0	0	0	0	0	0
11/8/2023 14:42	60801 BUCK_T1	1	0	-1	0.1	0	-0.1	0	0	0	0	0	0	0	0
11/8/2023 14:42	61303 EARL_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/8/2023 14:42	45902 AUBU_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/8/2023 14:42	28403 HART_T2	0	0	0	0	0	0	-0.87	-0.89	1	1	0	900	900	0
11/8/2023 14:42	46203 DANV_T2	0	0	0	0	0	0	-3.1	-2.98	0	0	0	0	0	0
11/8/2023 14:42	16302 ALPA_T2	0	0	0	0	0	0	0.58	0.61	0	0	0	0	0	0
11/8/2023 14:42	15001 BLMO_T1	2	0	-2	0.15	0	-0.15	0	0	0	0	0	0	0	0
11/8/2023 14:43	54502 ENOL_T2	2	2	0	0.55	0.5	-0.05	0	0	0	0	0	0	0	0
11/8/2023 14:43	20403 ASHF_T2	12	5	-7	0.24	0.24	0	0	0	0	0	0	0	0	0
11/8/2023 14:43	45902 AUBU_T1	0	0	0	0	0	0	-0.13	-0.14	0	0	0	0	0	0
11/8/2023 14:43	15001 BLMO_T1	2	0	-2	0.15	0	-0.15	0	0	0	0	0	0	0	0
11/8/2023 14:43	43001 ALWD_T1	6	35	29	0.32	0.19	-0.13	0	0	0	0	0	0	0	0
11/8/2023 14:43	28403 HART_T2	0	0	0	0	0	0	-0.87	-0.89	1	1	0	900	900	0
11/8/2023 14:43	48901 FOSP_T2	0	0	0	0	0	0	-0.21	-0.26	1	1	0	600	600	0
11/8/2023 14:44	48901 FOSP_T2	0	0	0	0	0	0	-0.21	-0.26	1	1	0	600	600	0
11/8/2023 14:44	54501 ENOL_T2	4	3	-1	0.35	0.37	0.02	-0.57	-0.59	1	1	0	600	600	0
11/8/2023 14:44	15001 BLMO_T1	2	0	-2	0.15	0	-0.15	0	0	0	0	0	0	0	0
11/8/2023 14:44	54501 ENOL_T2	4	3	-1	0.35	0.37	0.02	-0.57	-0.59	1	1	0	600	600	0
11/8/2023 14:44	48902 FOSP_T2	0	0	0	0	0	0	0.55	0.24	0	0	0	0	0	0
11/8/2023 14:44	44802 EDAN_T2	0	0	0	0	0	0	-0.87	-0.93	0	0	0	0	0	0
11/8/2023 14:44	56801 BENV_T1	34	28	-6	0.72	0.74	0.02	-0.48	-0.48	0	0	0	0	0	0
11/8/2023 14:44	46004 BERW_T2	0	1	1	0	0.2	0.2	0	0	0	0	0	0	0	0
11/8/2023 14:45	48902 FOSP_T2	0	1	1	0	0.2	0.2	0.27	0.12	0	0	0	0	0	0
11/8/2023 14:45	44801 EDAN_T2	0	1	1	0	0	0	0	0	0	0	0	0	0	0
11/8/2023 14:45	48901 FOSP_T2	0	0	0	0	0	0	-0.63	-0.77	3	3	0	1800	1800	0
11/8/2023 14:45	26402 INOR_T1	0	1	1	0	0	0	0	0	0	0	0	0	0	0
11/8/2023 14:45	61303 EARL_T1	0	0	0	0	0	0	0.97	0.96	0	0	0	0	0	0
11/8/2023 14:45	67502 WEWI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/8/2023 14:45	23301 JEFF_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/8/2023 14:45	23401 HONE_T2	0	0	0	0	0	0	-0.29	-0.29	0	0	0	0	0	0
11/8/2023 14:45	60101 COCA_T1	0	0	0	0	0	0	0.49	0.52	0	0	0	0	0	0
11/8/2023 14:46	48901 FOSP_T2	0	0	0	0	0	0	-0.21	-0.26	1	1	0	600	600	0
11/8/2023 14:46	67503 WEWI_T2	0	0	0	0	0	0	-0.32	-0.33	0	0	0	0	0	0
11/8/2023 14:46	48902 FOSP_T2	0	1	1	0	0.2	0.2	0.27	0.12	0	0	0	0	0	0
11/8/2023 14:46	67503 WEWI_T2	0	0	0	0	0	0	-0.32	-0.33	0	0	0	0	0	0
11/8/2023 14:46	40101 HUNT_T2	0	1	1	0	0	0	-0.31	-0.25	0	0	0	0	0	0
11/8/2023 14:47	42902 MIDD_T2	22	1	-21	0.22	0.1	-0.12	0	0	0	0	0	0	0	0
11/8/2023 14:47	52004 LING_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/8/2023 14:47	64802 MONE_T2	32	26	-6	0.14	0.12	-0.02	0.24	0.24	0	0	0	0	0	0
11/8/2023 14:47	48902 FOSP_T2	0	1	1	0	0.2	0.2	0.27	0.12	0	0	0	0	0	0
11/8/2023 14:47	48901 FOSP_T2	0	0	0	0	0	0	-0.42	-0.51	2	2	0	1200	1200	0
11/8/2023 14:48	42903 MIDD_T2	2	2	0	1.85	1	-0.85	0	0	0	0	0	0	0	0
11/8/2023 14:48	48901 FOSP_T2	0	0	0	0	0	0	-0.21	-0.26	1	1	0	600	600	0
11/8/2023 14:48	64801 MONE_T2	5	7	2	0.12	0.17	0.05	0.21	0.27	0	0	0	0	0	0
11/8/2023 14:48	67502 WEWI_T2	65	114	49	0.2	0.21	0.01	-0.25	-0.29	0	0	0	0	0	0
11/8/2023 14:48	41802 GOCI_T2	0	5	5	0	0.1	0.1	0	0	0	0	0	0	0	0
11/8/2023 14:48	48901 FOSP_T2	0	0	0	0	0	0	-0.21	-0.26	1	1	0	600	600	0
11/8/2023 14:49	67502 WEWI_T2	65	114	49	0.2	0.21	0.01	-0.5	-0.58	0	0	0	0	0	0
11/8/2023 14:49	67502 WEWI_T2	65	114	49	0.2	0.21	0.01	-0.5	-0.58	0	0	0	0	0	0
11/8/2023 14:49	48902 FOSP_T2	0	1	1	0	0.2	0.2	0.55	0.24	0	0	0	0	0	0
11/8/2023 14:50	57303 MOAL_T2	1	1	0	7	6.8	-0.2	0	0	0	0	0	0	0	0
11/8/2023 14:50	42902 MIDD_T2	22	1	-21	0.22	0.1	-0.12	0	0	0	0	0	0	0	0
11/8/2023 14:50	13704 SCHN_T2	1	3	2	0.2	0.17	-0.03	-0.4	-0.45	0	0	0	0	0	0
11/8/2023 14:50	40902 JESH_T1	0	2	2	0	0.1	0.1	-1.3	-1.26	1	1	0	600	600	0
11/8/2023 14:50	67503 WEWI_T2	0	0	0	0	0	0	-0.32	-0.33	0	0	0	0	0	0
11/8/2023 14:50	58401 MORO_T1	0	0	0	0	0	0	-2.11	-2.11	2	2	0	1200	1200	0
11/8/2023 14:51	58401 MORO_T1	0	0	0	0	0	0	-2.11	-2.11	2	2	0	1200	1200	0
11/8/2023 14:51	42901 MIDD_T2	1	0	-1	0.2	0	-0.2	0	0	0	0	0	0	0	0
11/8/2023 14:51	44901 SCOT_T2	0	0	0	0	0	0	0	0.02	0	0	0	0	0	0
11/8/2023 14:51	13704 SCHN_T2	1	3	2	0.2	0.17	-0.03	-0.4	-0.45	0	0	0	0	0	0
11/8/2023 14:51	67502 WEWI_T2	65	114	49	0.2	0.21	0.01	-0.25	-0.29	0	0	0	0	0	0
11/8/2023 14:52	15103 UPHA_T2	0	0	0	0	0	0	0.34	0.34	0	0	0	0	0	0
11/8/2023 14:52	44901 SCOT_T2	0	0	0	0	0	0	0	0.04	0	0	0	0	0	0
11/8/2023 14:52	58401 MORO_T1	0	0	0	0	0	0	-1.05	-1.06	1	1	0	600	600	0
11/8/2023 14:52	42002 MNVL_T2	1	1	0	5.2	5.2	0	0	0	0	0	0	0	0	0
11/8/2023 14:53	64101 REFR_T1	1	0	-1	0.1	0	-0.1	-0.15	-0.16	0	0	0	0	0	0
11/8/2023 14:53	55002 NEWP_T1	8	7	-1	0.71	0.81	0.1	-0.23	-0.24	0	0	0	0	0	0
11/8/2023 14:54	56801 BENV_T1	28	23	-5	0.71	0.88	0.17	-0.24	-0.24	0	0	0	0	0	0
11/8/2023 14:54	13701 SCHN_T2	2	2	0	0.25	0.15	-0.1	0	0	0	0	0	0	0	0
11/8/2023 14:54	15001 BLMO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/8/2023 14:55	14801 TREI_T2	127	112	-15	0.27	0.2	-0.07	0.21	0.22	0	0	0	0	0	0
11/8/2023 14:55	15001 BLMO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/8/2023 14:56	10702 CATA_T2	1	1	0	0.7	0.6	-0.1	0	0	0	0	0	0	0	0
11/8/2023 14:58	56803 BENV_T1	1	0	-1	0.2	0	-0.2	0	0	0	0	0	0	0	0
11/8/2023 14:59	52403 GRPA_T2	0	0	0	0	0	0	-0.03	-0.02	0	0	0	0	0	0
11/8/2023 14:59	54505 ENOL_T2	1	1	0	1.2	1.2	0	-1.4	-1.4	1	1	0	600	600	0
11/8/2023 14:59	54502 ENOL_T2	1	2	1	0.9	0.45	-0.45	0	0	0	0	0	0	0	0
11/8/2023 14:59	65001 NEFF_T2	1	1	1	0	0.1	0.1	-0.56	-0.61	1	1	0	1200	1200	0
11/8/2023 14:59	10705 CATA_T2	1	2	1	1.6	1	-0.6	-0.99	-1.03	1	1	0	900	900	0
11/8/2023 15:01	48901 FOSP_T2	0	0	0	0	0	0	-0.26	-0.26	1	1	0	600	600	0
11/8/2023 15:01	22901 HARW_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/8/2023 15:02	52401 GRPA_T2	1	2	1	0.8	0.7	-0.1	0	0	0	1	0	0	0	0
11/8/2023 15:03	48902 FOSP_T2	0	1	1	0	0.2	0.2	0	0	0	0	0	0	0	0
11/8/2023 15:03	57403 SPAN_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/8/2023 15:04	45001 LIME_2	12	15	3	0.14	0.15	0.01	0	0	0	0	0	0	0	0
11/8/2023 15:05	45001 LIME_2	12	15	3	0.14	0.15	0.01	0	0	0	0	0	0	0	0
11/8/2023 15:07	42201 SHEN_T2	1	1	0	0.6	0.3	-0.3	-0.33	-0.32	2	2	0	1200	1200	0
11/8/2023 15:08	59302 MCAL_T1	0	0	0	0	0	0	0.15	0.15	1	1	0	600	600	0
11/8/2023 15:09	54206 PENN_T2	0	0	0	0	0	0	0	0.03	0	0	0	0	0	0
11/8/2023 15:11	46206 DANV_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/8/2023 15:12	41801 GOCI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/8/2023 15:13	45902 AUBU_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/8/2023 15:13	16302 ALPA_T2	0	0	0	0	0	0	0.64	0.69	0	0	0	0	0	0
11/8/2023 15:18	46903 MNTG_T2	0	0	0	0	0	0	-0.02	0.51	1	0	-1	600	0	-600
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Appendix C - Grid Benefits Achieved in Each Instance of Active Management

11/8/2023 16:23	59101 WALK_T2	1	1	0	0	0	0	1.44	1.13	1	0	-1	600	0	-600
11/8/2023 16:24	14404 SSLA_T1	1	1	0	0.5	0.2	-0.3	0	0	0	0	0	0	0	0
11/8/2023 16:27	59101 WALK_T2	1	1	0	0	0	0	1.13	1.44	1	0	-1	600	0	-600
11/8/2023 16:29	43402 BENT_T1	0	0	0	0	0	0	-1.35	-1.44	2	2	0	1500	1500	0
11/8/2023 16:33	45802 HEGI_T2	0	0	0	0	0	0	0.54	0.54	0	0	0	0	0	0
11/8/2023 16:34	40101 HUNT_T2	0	6	6	0	0.4	0.4	-0.42	-0.38	0	0	0	0	0	0
11/8/2023 16:35	45802 HEGI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/8/2023 16:36	45302 WBER_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/8/2023 16:37	55002 NEWP_T1	4	3	-1	0.48	0.33	-0.15	-0.2	-0.23	0	0	0	0	0	0
11/8/2023 16:38	59202 THOM_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/8/2023 16:44	45302 WBER_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/8/2023 16:53	59101 WALK_T2	1	1	0	0	0	0	1.44	1.54	0	0	0	0	0	0
11/8/2023 17:17	43402 BENT_T1	0	0	0	0	0	0	-1.51	-1.5	2	2	0	1500	1500	0
11/8/2023 17:17	26401 INOR_T1	0	0	1	0	0	0	0.22	0.26	0	0	0	0	0	0
11/8/2023 17:23	60803 BUCK_T1	0	0	0	0	0	0	-0.89	-0.8	1	1	0	600	600	0
11/8/2023 17:24	43001 ALWD_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/8/2023 17:25	43001 ALWD_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/8/2023 17:29	43402 BENT_T1	0	0	0	0	0	0	-1.5	-0.9	2	1	-1	1500	900	-600
11/8/2023 17:45	59302 MCAL_T1	0	0	0	0	0	0	0.41	0.38	0	0	0	0	0	0
11/8/2023 18:12	43001 ALWD_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/8/2023 18:17	43402 BENT_T1	0	0	0	0	0	0	-0.91	-0.9	1	1	0	900	900	0
11/8/2023 18:29	43401 BENT_T1	0	0	1	0	0	0	0	0	0	0	0	0	0	0
11/8/2023 18:36	26401 INOR_T1	0	0	0	0	0	0	0.24	0.24	0	0	0	0	0	0
11/8/2023 18:41	26401 INOR_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/8/2023 18:43	23401 HONE_T2	0	0	0	0	0	0	-0.26	-0.25	0	0	0	0	0	0
11/8/2023 18:48	44901 SCOT_T2	0	0	0	0	0	0	-0.93	-0.86	0	0	0	0	0	0
11/8/2023 18:48	15603 NSTR_T2	0	0	0	0	0	0	-0.51	-0.51	0	0	0	0	0	0
11/8/2023 18:50	48901 FOSP_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/8/2023 18:51	65004 NEFF_T2	0	0	0	0	0	0	-0.5	-0.5	0	0	0	0	0	0
11/8/2023 18:52	61301 EARL_T1	0	1	1	0	0	0	0	0	0	0	0	0	0	0
11/8/2023 18:53	41301 FISH_T1	3	6	3	1.37	0.72	-0.65	-0.08	-0.07	0	0	0	0	0	0
11/8/2023 18:55	66505 SMAN_T2	3	3	0	0.53	0.37	-0.16	0	0	2	2	0	1100	1100	0
11/8/2023 18:56	64201 KINZ_T1	26	195	169	0.22	0.3	0.08	0	0	0	0	0	0	0	0
11/8/2023 18:57	23301 JEFF_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/8/2023 18:57	55101 WERT_T1	0	0	0	0	0	0	-1.4	-1.43	2	2	0	1500	1500	0
11/8/2023 18:59	29402 BELT_T1	1	1	0	6.9	6.9	0	0	0	0	0	0	0	0	0
11/8/2023 19:00	21606 EYNO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/8/2023 19:01	10805 CHHI_T2	1	6	5	8.1	8.2	0.1	-0.82	-0.89	1	1	0	600	600	0
11/8/2023 19:01	13606 RICH_T2	0	0	0	0	0	0	0.94	0.83	0	0	0	0	0	0
11/8/2023 19:01	67503 WEWI_T2	0	9	9	0	0.1	0.1	0	0	0	0	0	0	0	0
11/8/2023 19:02	14404 SSLA_T1	0	1	1	0	0	0	0	0	0	0	0	0	0	0
11/8/2023 19:02	16302 ALPA_T2	0	0	0	0	0	0	0.59	0.57	0	0	0	0	0	0
11/8/2023 19:02	48901 FOSP_T2	0	0	0	0	0	0	0.46	0.44	0	0	0	0	0	0
11/8/2023 19:02	15001 BLMO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/8/2023 19:03	39601 LNFD_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/8/2023 19:03	46001 BERW_T1	0	0	0	0	0	0	0.77	0.8	0	0	0	0	0	0
11/8/2023 19:03	61303 EARL_T1	0	0	0	0	0	0	0.31	0.26	0	0	0	0	0	0
11/8/2023 19:03	16302 ALPA_T2	0	0	0	0	0	0	0.59	0.57	0	0	0	0	0	0
11/8/2023 19:03	14802 TREI_T2	0	1	1	0	0	0	0.4	0.37	0	0	0	0	0	0
11/8/2023 19:04	60201 ATGL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/8/2023 19:04	45902 AUBU_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/8/2023 19:04	16302 ALPA_T2	0	0	0	0	0	0	1.18	1.14	0	0	0	0	0	0
11/8/2023 19:04	65602 QVIL_T2	0	4	4	0	0.18	0.18	0	0	0	0	0	0	0	0
11/8/2023 19:04	60803 BUCK_T1	0	0	0	0	0	0	-0.82	-0.85	1	1	0	600	600	0
11/8/2023 19:05	13302 ORVI_T2	0	0	0	0	0	0	0.93	1.02	0	0	0	0	0	0
11/8/2023 19:05	29402 BELT_T1	1	1	0	6.9	7	0.1	0	0	0	0	0	0	0	0
11/8/2023 19:05	14404 SSLA_T1	0	1	1	0	0	0	0	0	0	0	0	0	0	0
11/8/2023 19:05	42201 SHEN_T2	0	0	0	0	0	0	-0.21	-0.21	1	1	0	600	600	0
11/8/2023 19:05	67001 STHI_T2	528	545	17	0.25	0.26	0.01	0	0	0	0	0	0	0	0
11/8/2023 19:05	13901 SEID_T1	0	0	0	0	0	0	0.18	0.17	0	0	0	0	0	0
11/8/2023 19:05	56802 BENV_T2	2	15	13	0.25	0.23	-0.02	-1.44	-1.43	0	0	0	0	0	0
11/8/2023 19:05	10705 CATA_T2	0	0	0	0	0	0	-0.99	-1	1	1	0	900	900	0
11/8/2023 19:05	48902 FOSP_T2	0	0	0	0	0	0	-0.02	-0.02	0	0	0	0	0	0
11/8/2023 19:05	45902 AUBU_T1	0	0	0	0	0	0	-0.23	-0.32	0	0	0	0	0	0
11/8/2023 19:06	43301 WATS_T2	1	1	0	0.2	0.3	0.1	-0.62	-0.62	1	1	0	900	900	0
11/8/2023 19:06	20401 ASHF_T2	1	2	1	0.4	0.1	-0.3	0	0	0	0	0	0	0	0
11/8/2023 19:06	67001 STHI_T2	528	545	17	0.25	0.26	0.01	0	0	0	0	0	0	0	0
11/8/2023 19:06	67001 STHI_T2	528	545	17	0.25	0.26	0.01	0	0	0	0	0	0	0	0
11/8/2023 19:06	60201 ATGL_T2	0	0	0	0	0	0	0.12	0.15	1	1	0	300	300	0
11/8/2023 19:06	29401 BELT_T1	0	0	0	0	0	0	0	0	1	1	0	900	900	0
11/8/2023 19:06	47401 PENS_T1	0	0	0	0	0	0	0.79	0.83	0	0	0	0	0	0
11/8/2023 19:06	48901 FOSP_T2	0	0	0	0	0	0	0.23	0.22	0	0	0	0	0	0
11/8/2023 19:06	67204 TEHI_T2	0	0	0	0	0	0	0.06	0.06	0	0	0	0	0	0
11/8/2023 19:06	28601 BLYT_T2	1	1	0	0.2	0	-0.2	0	0	0	0	0	0	0	0
11/8/2023 19:06	15001 BLMO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/8/2023 19:06	41301 FISH_T1	2	6	4	1.75	0.77	-0.98	-0.07	-0.08	0	0	0	0	0	0
11/8/2023 19:06	10805 CHHI_T2	1	6	5	8.1	8.2	0.1	-0.82	-0.89	1	1	0	600	600	0
11/8/2023 19:07	64301 LINC_T1	0	0	0	0	0	0	0.28	0.26	0	0	0	0	0	0
11/8/2023 19:07	28601 BLYT_T2	1	1	0	0.2	0	-0.2	0	0	0	0	0	0	0	0
11/8/2023 19:07	44801 EDAN_T2	1	2	1	1.3	1	-0.3	0	0	0	0	0	0	0	0
11/8/2023 19:07	60201 ATGL_T2	0	0	0	0	0	0	0.12	0.15	1	1	0	300	300	0
11/8/2023 19:07	14801 TREI_T2	0	0	0	0	0	0	0.4	0.4	0	0	0	0	0	0
11/8/2023 19:07	14801 TREI_T2	0	0	0	0	0	0	0.4	0.4	0	0	0	0	0	0
11/8/2023 19:07	14403 SSLA_T1	0	0	0	0	0	0	0.81	0.81	0	0	0	0	0	0
11/8/2023 19:07	14403 SSLA_T1	0	0	0	0	0	0	0.81	0.81	0	0	0	0	0	0
11/8/2023 19:07	15001 BLMO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/8/2023 19:07	45501 DEER_T2	0	0	0	0	0	0	0.81	0.98	2	2	0	1800	1800	0
11/8/2023 19:07	45302 WBER_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/8/2023 19:07	62604 ENGL_T1	0	0	0	0	0	0	0	0	1	1	0	600	600	0
11/8/2023 19:08	15001 BLMO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/8/2023 19:08	40602 PIGR_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/8/2023 19:08	48902 FOSP_T2	0	0	0	0	0	0	-0.02	-0.02	0	0	0	0	0	0
11/8/2023 19:08	67002 STHI_T2	122	116	-6	0.14	0.14	0	0	0	0	0	0	0	0	0
11/8/2023 19:08	45501 DEER_T2	0	0	0	0	0	0	0.81	0.98	2	2	0	1800	1800	0
11/8/2023 19:08	67502 WEWI_T2	0	238	238	0	0.18	0.18	-0.51	-1.46	1	0	-1	900	0	-900
11/8/2023 19:08	11805 FRAN_T1	0	0	0	0	0	0	-1.55	-1.41	1	1	0	1200	1200	0
11/8/2023 19:08	10705 CATA_T2	0	0	0	0	0	0	-0.99	-1	1	1	0	900	900	0
11/8/2023 19:09	14801 TREI_T2	0	0	0	0	0	0	0.4	0.4	0	0	0	0	0	0
11/8/2023 19:09	41901 REED_T1	0	1	1	0	0.1	0.1	0	0	0	0	0	0	0	0
11/8/2023 19:09	49803 UNIV_T1	0	0	0	0	0	0	-1.16	-1.15	0	0	0	0	0	0
11/8/2023 19:09	42001 MNVL_T2	0	0	0	0	0	0	0.04	0.04	0	0	0	0	0	0
11/8/2023 19:09	48902 FOSP_T2	0	0	0	0	0	0	-0.03	-0.04	0	0	0	0	0	0
11/8/2023 19:09	14802 TREI_T2	0	1	1	0	0	0	0.4	0.37	0	0	0	0	0	0
11/8/2023 19:09	46206 DANV_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/8/2023 19:09	52502 PROG_T2	0	0	0	0	0	0	0.28	0.27	0	0	0	0	0	0
11/8/2023 19:09	67502 WEWI_T2	0	238	238	0	0.18	0.18	0	0	0	0	0	0	0	0
11/8/2023 19:09	65003 NEFF_T2	10	10	0	0.14	0.18	0.04	0	0	0	0	0	0	0	0
11/8/2023 19:09	29401 BELT_T1	0	0	0	0	0	0	0	0	1	1	0	900	900	0
11/8/2023 19:09	46206 DANV_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/8/2023 19:09	42801 SELI_T1	1	1	0	0	0	0	0	0	0	0	0	0	0	0
11/8/2023 19:09	43302 WATS_T2	4	4	0	0.98	0.55	-0.43	0	0	0	0	0	0	0	0
11/8/2023 19:09	42201 SHEN_T2	0	0	0	0	0	0	-0.21	-0.21	1	1	0	600	600	0
11/8/2023 19:09	48901 FOSP_T2	0	0	0	0	0	0	0.23	0.22	0	0	0	0	0	0
11/8/2023 19:09	45902 AUBU_T1	0	0	0	0	0	0	-0.23	-0.32	0	0	0	0	0	0
11/8/2023 19:09	44901 SCOT_T2	0	0	0	0	0	0	-0.86	-1.02	0	0	0	0	0	0
11/8/2023 19:09	13704 SCHN_T2	0	0	0	0	0	0	-0.42	-0.4	0	0	0	0	0	0
11/8/2023 19:09	15103 UPHA_T2	0	0	0	0	0	0	0.4	0.38	0	0	0	0	0	0
11/8/2023 19:09	46903 MNTG_T2	0	0	0	0	0	0	0.33	0.35	0	0	0	0	0	0
11/8/2023 19:09	12202 FOGE_T2	0	0	0	0	0	0	0	0	1	1	0	600	600	0
11/8/2023 19:09	46001 BERW_T1	0	0	0	0	0	0	1.54	1.6	0	0	0	0	0	0
11/8/2023 19:10	67503 WEWI_T2	0	9	9	0	0.1	0.1	-0.29	-0.3	0	0	0	0	0	0
11/8/2023 19:10	67002 STHI_T2	122	116	-6	0.14	0.14	0	0.63	0.62	0	0	0	0	0	0
11/8/2023 19:10	15001 BLMO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/8/2023 19:10	43304 WATS_T2	0	0	0	0	0	0	-0.81	-0.73	0	0	0	0	0	0
11/8/2023 19:10	67001 STHI_T2	528	545	17	0.25	0.26	0.01	0	0	0	0	0	0	0	0
11/8/2023 19:10	67503 WEWI_T2	0	9	9	0	0.1	0.1	-0.29	-0.3	0	0	0	0	0	0
11/8/2023 19:10	42801 SELI_T1	1	1	0	0	0	0	0	0	0	0	0	0	0	0
11/8/2023 19:10	54701 NEBL_T1	0	1	1	0	0.1	0.1	0	0	1	1	0	600	600	0
11/8/2023 19:10	20401 ASHF_T2	1	2	1	0.4	0.1	-0.3	-0.26	-0.28	1	1	0	600	600	0
11/8/2023 19:10	48902 FOSP_T2	0	0	0	0	0	0	-0.02	-0.02	0	0	0	0	0	0
11/8/2023 19:10	40201 BEGA_T2	2	2	0	1.3	0.8	-0.5	0	0	0	0	0	0	0	0
11/8/2023 19:10	59202 THOM_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/8/2023 19:10	42902 MIDD_T2	7	14	7	0.17	0.24	0.07	-1.06	-0.91	0	0	0	0	0	0
11/8/2023 19:10	14404 SSLA_T1	0	1	1	0	0	0	0	0	0	0	0	0	0	0
11/8/2023 19:10	43402 BENT_T1	0	0	1	0	0	0	-1.52	-0.92	1	1	0	900	900	0
11/8/2023 19:10	10801 CHHI_T1	0	1	1	0	0	0	-0.91	-0.94	1	1	0	900	900	0
11/8/2023 19:10	46203 DANV_T2	1	0	-1	0.1	0	-0.1	-1.36	-1.38	0	0	0	0	0	0
11/8/2023 19:10	55002 NEWP_T1	4	4	0	0.55	0.58	0.03	-0.24	-0.23	0	0	0	0	0	0
11/8/2023 19:10	45902 AUBU_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/8/2023 19:10	28403 HART_T2	0	0	0	0	0	0	-0.67	-0.68	1	1	0	900	900	0
11/8/2023 19:10	67605 WARW_T1	0	0	0	0	0	0	-1.07	-1.07	0	0	0	0	0	0
11/8/2023 19:10	43001 ALWD_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/8/2023 19:10	64101 REFR_T1	0	0	0	0	0	0	-0.15	-0.2	0	0	0	0	0	0
11/8/2023 19:10	48902 FOSP_T2	0	0	0	0	0	0	-0.02	-0.02	0	0	0	0	0	0
11/8/2023 19:10	64801 MONE_T2	0	0	0	0	0	0	0.32	0.33	0	0	0	0	0	0
11/8/2023 19:11	43201 MVIL_T2	0	0	0	0	0	0	-1.32	-1.32	0	0	0	0	0	0
11/8/2023 19:11	43304 WATS_T2	0	0	0	0	0	0	-1.1	-1.16	0	0	0	0	0	0
11/8/2023 19:11	64203 KINZ_T1	0	2	2	0	0.1	0.1	-0.62	-0.68	1	1	0	600	600	0
11/8/2023 19:11	28403 HART_T2	0	0	0	0	0	0	-0.68	-0.67	1	1	0	900	900	0
11/8/2023 19:11	56802 BENV_T2	2	15	13	0.25	0.23	-0.02	-1.43	-1.43	0	0	0	0	0	0
11/8/2023 19:11	66505 SMAN_T2	3	3	0	0.37	0.37	0	0	0	0	0	0	0	0	0
11/8/2023 19:11	65602 QVIL_T2	0	4	4	0	0.18	0.18	0	0	0	0	0	0	0	0
11/8/2023 19:11	43402 BENT_T1	0	0	0	0	0	0	-0.92	-0.92	1	1	0	900	900	0
11/8/2023 19:11	45402 WBLO_T2	0	0	0	0	0	0	-0.64	-0.63	0	0	0	0	0	0
11/8/2023 19:11	42902 MIDD_T2	7	14	7	0.17	0.24	0.07	-0.91	-1.02	0	0	0	0	0	0
11/8/2023 19:11	45702 LIND_T2	1	1	0	1.3	1.7	0.4	-0.58	-0.6	0	0	0	0	0	0
11/8/2023 19:11	53501 EVIL_T2	3	2	-1	0.3	0.5	0.2	-0.64	-0.6	1	1	0	600	600	0
11/8/2023 19:11	43302 WATS_T2	4	4	0	0.98	0.55	-0.43	0	0	0	0	0	0	0	0
11/8/2023 19:11	40201 BEGA_T2	2	2	0	1.3	0.8	-0.5	0	0	0	0	0	0	0	0
11/8/2023 19:11	43001 ALWD_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/8/2023 19:11	62604 ENGL_T1	0	0	0	0	0	0	0	0	1	1	0	600	600	0
11/8/2023 19:11	55101 WERT_T1	0	0	0	0	0	0	-1.43	-1.43	2	2	0	1500	1500	0
11/8/2023 19:11	67503 WEWI_T2	0	9	9	0	0.1	0.1	-0.3	-0.3	0	0	0	0	0	0
11/8/2023 19:11	42801 SELI_T1	1	1	0	0	0	0	0	0	0	0	0	0	0	0
11/8/2023 19:11	48902 FOSP_T2	0	0	0	0	0	0	-0.04	0.12	0	0	0	0	0	0
11/8/2023 19:11	40101 HUNT_T2	2	1	-1	0.2	0	-0.2	-1.45	-1.4	0	0	0	0	0	0
11/8/2023 19:11	42701 AUGU_T1	0	0	0	0	0	0	0	0	2	2	0	1200	1200	0
11/8/2023 19:11	20403 ASHF_T2	0	0	0	0	0	0	0.29	0.27	0	0	0	0	0	0
11/8/2023 19:11	53901 HALI_T2	32	3	-29	0.15	0.23	0.08	0	0	0	0	0	0	0	0
11/8/2023 19:11	45001 LIME_2	5	11	6	0.48	0.15	-0.33	0	0	0	0	0	0	0	0
11/8/2023 19:11	46003 BERW_T2	1	1	0	4.1	3.3	-0.8	0	0	0	0	0	0	0	0
11/8/2023 19:11	13704 SCHN_T2	0	0	0	0	0	0	-0.4	-0.38	0	0	0	0	0	0
11/8/2023 19:11	41801 GOCI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/8/2023 19:11	56801 BENV_T1	9	8	-1	0.48	0.6	0.12	-0.71	-0.73	1	1	0	600	600	0
11/8/2023 19:12	57401 SPAN_T1	2	2	0	0.35	0.55	0.2	0	0	0	0	0	0	0	0
11/8/2023 19:12	67203 TEHI_T1	0	0	0	0	0	0	2.16	2.18	1	1	0	600	600	0
11/8/2023 19:12	54502 ENOL_T2	0	0	0	0	0	0	-1.37	-1.35	0	0	0	0	0	0
11/8/2023 19:12	41901 REED_T1	0	1	1	0	0.1	0.1	0	0	0	0	0	0	0	0
11/8/2023 19:12	66505 SMAN_T2	3	3	0	0.37	0.37	0	0	0	0	0	0	0	0	0
11/8/2023 19:12	67502 WEWI_T2	0	238	238	0	0.18	0.18	-1.46	-0.48	1	0	-1	900	0	-900
11/8/2023 19:12	45001 LIME_2	5	11	6	0.48	0.15	-0.33	0	0	0	0	0	0	0	0
11/8/2023 19:12	56802 BENV_T2	2	15	13	0.25	0.23	-

11/8/2023 19:13	55003 NEWP_T2	7	8	1	0.18	0.23	0.05	-0.9	-0.9	1	1	0	600	600	0
11/8/2023 19:13	62604 ENGL_T1	0	0	0	0	0	0	0	0	1	1	0	600	600	0
11/8/2023 19:13	46901 MNTG_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/8/2023 19:14	56801 BENV_T1	9	8	-1	0.48	0.6	0.12	-0.71	-0.73	1	1	0	600	600	0
11/8/2023 19:14	41801 GOCI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/8/2023 19:14	42902 MIDD_T2	7	14	7	0.17	0.24	0.07	-0.45	-0.51	0	0	0	0	0	0
11/8/2023 19:14	45501 DERR_T2	0	0	0	0	0	0	0.98	0.96	2	2	0	1800	1800	0
11/8/2023 19:14	45502 DERR_T2	0	0	0	0	0	0	-0.61	-0.61	0	0	0	0	0	0
11/8/2023 19:14	62604 ENGL_T1	0	0	0	0	0	0	0	0	1	1	0	600	600	0
11/8/2023 19:14	67502 WEWI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/8/2023 19:14	54505 ENOL_T2	1	1	0	0.8	0.8	0	0	0	0	0	0	0	0	0
11/8/2023 19:14	66501 SMAN_T2	0	1	1	0	0.1	0.1	0	0	0	0	0	0	0	0
11/8/2023 19:14	44901 SCOT_T2	0	0	0	0	0	0	-1.02	-0.76	0	0	0	0	0	0
11/8/2023 19:14	45402 WILO_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/8/2023 19:14	42801 SELI_T1	1	1	0	0	0	0	0	0	0	0	0	0	0	0
11/8/2023 19:14	55002 NEWP_T1	4	4	0	0.55	0.58	0.03	-0.46	-0.48	0	0	0	0	0	0
11/8/2023 19:14	47403 PENS_T1	1	1	0	2.5	2.3	-0.2	0	0	0	0	0	0	0	0
11/8/2023 19:14	64101 REFR_T1	0	0	0	0	0	0	-0.2	-0.14	0	0	0	0	0	0
11/8/2023 19:14	58402 MORO_T1	2	0	-2	0.3	0	-0.3	-0.94	-0.98	2	2	0	1500	1500	0
11/8/2023 19:14	64802 MONE_T2	0	0	0	0	0	0	0.45	0.41	0	0	0	0	0	0
11/8/2023 19:14	46001 BERW_T1	0	0	0	0	0	0	0.8	0.8	0	0	0	0	0	0
11/8/2023 19:14	45302 WBER_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/8/2023 19:14	56802 BENV_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/8/2023 19:14	53903 HALI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/8/2023 19:15	61303 EARL_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/8/2023 19:15	55002 NEWP_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/8/2023 19:15	40602 PIGR_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/8/2023 19:15	42902 MIDD_T2	9	20	11	0.16	0.21	0.05	-0.45	-0.51	0	0	0	0	0	0
11/8/2023 19:15	52403 GRPA_T2	0	2	2	0	0.4	0.4	-0.1	-0.08	0	0	0	0	0	0
11/8/2023 19:15	46203 DANV_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/8/2023 19:15	41902 REED_T1	3	15	12	0.4	0.36	-0.04	1.03	1.03	0	0	0	0	0	0
11/8/2023 19:15	56801 BENV_T1	8	8	0	0.49	0.56	0.07	-0.71	-0.73	1	1	0	600	600	0
11/8/2023 19:15	42801 SELI_T1	1	1	0	0	0	0	0	0	0	0	0	0	0	0
11/8/2023 19:15	59101 WALK_T2	1	1	0	0	0	0	2.13	2.34	0	0	0	0	0	0
11/8/2023 19:15	57403 SPAN_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/8/2023 19:15	54701 NEBL_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/8/2023 19:15	54502 ENOL_T2	0	0	0	0	0	0	-2.74	-2.7	0	0	0	0	0	0
11/8/2023 19:15	66505 SMAN_T2	0	3	3	0	0.43	0.43	0	0	0	0	0	0	0	0
11/8/2023 19:15	41902 REED_T1	3	15	12	0.4	0.36	-0.04	1.03	1.03	0	0	0	0	0	0
11/8/2023 19:15	56504 ROCK_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/8/2023 19:15	64101 REFR_T1	0	0	0	0	0	0	-0.39	-0.29	0	0	0	0	0	0
11/8/2023 19:15	56802 BENV_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/8/2023 19:15	40902 JESH_T1	0	0	0	0	0	0	-1.24	-1.3	1	1	0	600	600	0
11/8/2023 19:15	40101 HUNT_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/8/2023 19:16	58402 MORO_T1	0	0	0	0	0	0	-0.94	-0.98	2	2	0	1500	1500	0
11/8/2023 19:16	52403 GRPA_T2	0	2	2	0	0.4	0.4	0	0	0	0	0	0	0	0
11/8/2023 19:16	54701 NEBL_T1	1	0	-1	0.1	0	-0.1	0	0	1	1	0	600	600	0
11/8/2023 19:16	53501 EVIL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/8/2023 19:16	64101 REFR_T1	0	0	0	0	0	0	-0.2	-0.14	0	0	0	0	0	0
11/8/2023 19:16	43302 WATS_T2	4	4	0	0.55	0.88	0.33	0	0	0	0	0	0	0	0
11/8/2023 19:16	45802 HEGI_T2	0	0	0	0	0	0	0.56	0.61	0	0	0	0	0	0
11/8/2023 19:16	59101 WALK_T2	1	1	0	0	0	0	2.13	2.34	0	0	0	0	0	0
11/8/2023 19:16	52501 PROG_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/8/2023 19:16	54501 ENOL_T2	0	0	0	0	0	0	-0.58	-0.56	1	1	0	600	600	0
11/8/2023 19:16	42802 SELI_T1	0	0	0	0	0	0	-2.4	-2.4	0	0	0	0	0	0
11/8/2023 19:16	56802 BENV_T2	15	19	4	0.17	0.18	0.01	-5.72	-5.72	0	0	0	0	0	0
11/8/2023 19:17	55002 NEWP_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/8/2023 19:17	40902 JESH_T1	0	0	0	0	0	0	-1.24	-1.3	1	1	0	600	600	0
11/8/2023 19:17	64801 MONE_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/8/2023 19:17	53903 HALI_T2	2	2	0	1	1.4	0.4	-0.12	-0.13	0	0	0	0	0	0
11/8/2023 19:17	57403 SPAN_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/8/2023 19:17	52403 GRPA_T2	0	2	2	0	0.4	0.4	-0.1	-0.08	0	0	0	0	0	0
11/8/2023 19:17	51201 MTON_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/8/2023 19:17	55101 WERT_T1	0	0	0	0	0	0	-4.28	-4.28	6	6	0	4500	4500	0
11/8/2023 19:18	56801 BENV_T1	8	8	0	0.49	0.56	0.07	-1.42	-1.46	2	2	0	1200	1200	0
11/8/2023 19:18	40101 HUNT_T2	0	2	2	0	0	0	-0.72	-0.7	0	0	0	0	0	0
11/8/2023 19:18	55101 WERT_T1	0	0	0	0	0	0	-1.43	-1.43	2	2	0	1500	1500	0
11/8/2023 19:18	46702 RENO_T1	0	0	0	0	0	0	-0.15	-0.15	0	0	0	0	0	0
11/8/2023 19:18	57303 MOAL_T2	1	1	0	7.1	7.1	0	0	0	0	0	0	0	0	0
11/8/2023 19:18	52402 GRPA_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/8/2023 19:18	58401 MORO_T1	0	0	0	0	0	0	-1.09	-1.05	1	1	0	600	600	0
11/8/2023 19:19	53501 EVIL_T2	2	3	1	0.5	0.37	-0.13	-0.64	-0.6	1	1	0	600	600	0
11/8/2023 19:19	52402 GRPA_T2	4	4	0	0.93	0.98	0.05	0	0	0	0	0	0	0	0
11/8/2023 19:19	56802 BENV_T2	15	19	4	0.17	0.18	0.01	-1.43	-1.43	0	0	0	0	0	0
11/8/2023 19:19	64101 REFR_T1	0	0	0	0	0	0	-0.2	-0.14	0	0	0	0	0	0
11/8/2023 19:20	59101 WALK_T2	1	1	0	0	0	0	1.06	1.17	0	0	0	0	0	0
11/8/2023 19:20	58402 MORO_T1	0	0	0	0	0	0	-0.94	-0.98	2	2	0	1500	1500	0
11/8/2023 19:25	52004 LING_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/8/2023 19:28	48901 FOSP_T2	0	0	0	0	0	0	0.25	0.25	0	0	0	0	0	0
11/8/2023 19:29	64202 KINZ_T1	1	1	0	0.1	0.1	0	0	0	0	0	0	0	0	0
11/8/2023 19:29	60101 COCA_T1	0	0	0	0	0	0	0.23	0.36	0	0	0	0	0	0
11/8/2023 19:30	66504 SMAN_T2	0	0	0	0	0	0	-0.45	-0.49	0	0	0	0	0	0
11/8/2023 19:39	27502 WEIS_T2	0	0	0	0	0	0	-0.63	-0.65	0	0	0	0	0	0
11/8/2023 19:39	60801 BUCK_T1	0	0	0	0	0	0	-0.18	-0.18	0	0	0	0	0	0
11/8/2023 19:49	62604 ENGL_T1	0	0	0	0	0	0	0	0	1	1	0	600	600	0
11/8/2023 20:11	64204 KINZ_T1	91	58	-33	0.55	0.43	-0.12	0	0	0	0	0	0	0	0
11/8/2023 20:12	60101 COCA_T1	0	0	0	0	0	0	0.22	0.21	0	0	0	0	0	0
11/8/2023 20:29	64204 KINZ_T1	58	79	21	0.42	0.46	0.04	0	0	0	0	0	0	0	0
11/8/2023 20:56	42701 AUGU_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/8/2023 21:11	64204 KINZ_T1	86	100	14	0.58	0.69	0.11	0	0	0	0	0	0	0	0
11/8/2023 21:29	64204 KINZ_T1	67	127	60	0.47	0.69	0.22	0	0	0	0	0	0	0	0
11/8/2023 21:51	64203 KINZ_T1	0	1	1	0	0.1	0.1	-0.05	-0.08	0	0	0	0	0	0
11/9/2023 0:28	52502 PROG_T2	0	0	0	0	0	0	0.2	0.2	0	0	0	0	0	0
11/9/2023 0:29	65003 NEFF_T2	0	2	2	0	0.1	0.1	0	0	0	0	0	0	0	0
11/9/2023 1:22	15001 BLMO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/9/2023 1:49	65001 NEFF_T2	7	8	1	0.14	0.14	0	-1.32	-1.32	1	1	0	1200	1200	0
11/9/2023 7:08	65001 NEFF_T2	0	0	0	0	0	0	-0.74	-0.71	1	1	0	1200	1200	0
11/9/2023 7:54	45501 DERR_T2	0	0	0	0	0	0	0.91	0.82	2	2	0	1800	1800	0
11/9/2023 7:55	45501 DERR_T2	0	0	0	0	0	0	0.91	0.82	2	2	0	1800	1800	0
11/9/2023 7:58	40101 HUNT_T2	0	0	0	0	0	0	-0.4	-0.24	0	0	0	0	0	0
11/9/2023 8:01	40101 HUNT_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/9/2023 8:06	43001 ALWD_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/9/2023 8:07	43001 ALWD_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/9/2023 8:15	46801 HEPB_T2	2	2	0	0.15	0.5	0.35	0.53	0.55	0	0	0	0	0	0
11/9/2023 8:16	58402 MORO_T1	0	0	0	0	0	0	-2.04	-2.04	3	3	0	2400	2400	0
11/9/2023 8:18	58401 MORO_T1	0	1	1	0	0	0	0	0	0	0	0	0	0	0
11/9/2023 8:18	54701 NEBL_T1	0	0	0	0	0	0	0	0	1	1	0	600	600	0
11/9/2023 8:22	43402 BENT_T1	0	2	2	0	0	0	-1.5	-1.48	1	1	0	900	900	0
11/9/2023 8:24	43402 BENT_T1	0	2	2	0	0	0	-1.5	-1.48	1	2	1	900	1500	600
11/9/2023 8:26	43402 BENT_T1	0	2	2	0	0	0	-1.5	-1.48	1	2	1	900	1500	600
11/9/2023 8:29	43402 BENT_T1	0	2	2	0	0	0	-1.48	-0.88	1	2	1	900	1500	600
11/9/2023 8:30	54502 ENOL_T2	1	1	0	0.7	0.7	0	-2.07	-2.07	1	1	0	600	600	0
11/9/2023 8:32	55002 NEWP_T1	6	6	0	0.88	0.98	0.1	-0.23	-0.23	0	0	0	0	0	0
11/9/2023 8:35	59101 WALK_T2	1	1	0	0	0	0	1.71	1.66	1	1	0	600	600	0
11/9/2023 8:38	43001 ALWD_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/9/2023 8:41	54501 ENOL_T2	0	2	2	0	0.1	0.1	0	0	0	0	0	0	0	0
11/9/2023 8:44	42902 MIDD_T2	0	0	0	0	0	0	-0.31	-0.27	1	1	0	600	600	0
11/9/2023 8:45	42901 MIDD_T2	0	1	1	0	0	0	0	0	0	0	0	0	0	0
11/9/2023 8:48	65003 NEFF_T2	2	2	0	0.15	0.1	-0.05	0	0	0	0	0	0	0	0
11/9/2023 8:54	43001 ALWD_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/9/2023 8:55	43001 ALWD_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/9/2023 8:58	53601 DALM_T2	1	1	0	0.5	1.3	0.8	-0.61	-0.6	1	1	0	900	900	0
11/9/2023 9:00	53903 HALI_T2	2	2	0	1.4	1.6	0.2	-0.13	-0.15	0	0	0	0	0	0
11/9/2023 9:00	52503 PROG_T2	0	0	0	0	0	0	-0.72	-0.69	1	1	0	900	900	0
11/9/2023 9:00	64802 MONE_T2	0	0	0	0	0	0	0.28	0.25	0	0	0	0	0	0
11/9/2023 9:00	45302 WBER_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/9/2023 9:00	66505 SMAN_T2	0	0	0	0	0	0	0	0	2	2	0	1100	1100	0
11/9/2023 9:01	47101 MARL_T1	0	0	0	0	0	0	-1.65	-1.63	1	1	0	600	600	0
11/9/2023 9:05	12701 MACU_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/9/2023 9:06	67501 WEWI_T1	0	0	0	0	0	0	-0.55	-0.52	0	0	0	0	0	0
11/9/2023 9:06	45302 WBER_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/9/2023 9:06	67803 WLAN_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/9/2023 9:07	15001 BLMO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/9/2023 9:08	45501 DERR_T2	0	1	1	0	0	0	0.62	0.7	2	2	0	1800	1800	0
11/9/2023 9:08	12701 MACU_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/9/2023 9:09	43001 ALWD_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/9/2023 9:09	54501 ENOL_T2	2	1	-1	0.1	0.1	0	0	0	0	0	0	0	0	0
11/9/2023 9:09	67501 WEWI_T1	0	0	0	0	0	0	-0.55	-0.52	0	0	0	0	0	0
11/9/2023 9:10	43001 ALWD_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/9/2023 9:11	45902 AUBU_T1	0	0	0	0	0	0	-0.48	-0.52	1	1	0	600	600	0
11/9/2023 9:11	51304 WIND_T2	0	0	0	0	0	0	-0.19	-0.15	0	0	0	0	0	0
11/9/2023 9:11	46801 HEPB_T2	2	2	0	0.45	0.4	-0.05	0.53	0.59	0	0	0	0	0	0
11/9/2023 9:12	54501 ENOL_T2	2	1	-1	0.1	0.1	0	0	0	0	0	0	0	0	0
11/9/2023 9:13	45502 DERR_T2	2	1	-1	0.9	1.6	0.7	0	0	0	0	0	0	0	0
11/9/2023 9:14	48901 FOSP_T2	0	0	0	0	0	0	-0.05	-0.01	1	1	0	600	600	0
11/9/2023 9:14	58402 MORO_T1	3	0	-3	0.1	0	-0.1	-1.99	-1.92	3	3	0	2400	2400	0
11/9/2023 9:16	58402 MORO_T1	0	0	0	0	0	0	-1.99	-1.92	3	3	0	2400	2400	0
11/9/2023 9:17	54701 NEBL_T1	1	1	0	0.1	0.1	0	0	0	1	1	0	600	600	0
11/9/2023 9:19	58402 MORO_T1	0	0	0	0	0	0	-1.99	-1.92	3	3	0	2400	2400	0
11/9/2023 9:20	49803 UNIV_T1	0	0	0	0	0	0	-1.2	-1.21	0	0	0	0	0	0
11/9/2023 9:22	54701 NEBL_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/9/2023 9:22	43301 WATS_T2	1	1	0	0.1	0.5	0.4	0	0	0	0	0	0	0	0
11/9/2023 9:29	64203 KINZ_T1	0	0	0	0	0	0	0.25	-0.03	2	2	0	1800	1800	0
11/9/2023 9:29	43402 BENT_T1	0	2	2	0	0.4	0.4	-0.79	-1.43	1	2	1	900	1500	600
11/9/2023 9:31	42902 MIDD_T2	0	0	0	0	0	0	-0.21	-0.35	1	1	0	600	600	0
11/9/2023 9:32	42902 MIDD_T2	0	0	0	0	0	0	-0.21	-0.35	1	1	0	600	600	0
11/9/2023 9:34	58401 MORO_T1	0	0	0	0	0	0	-0.87	-0.92	1	1	0	600	600	0
11/9/2023 9:35	55002 NEWP_T1	6	6	0	1.03	1.07	0.04	-0.44	-0.48	0	0	0	0	0	0
11/9/2023 9:35	58401 MORO_T1	0	0	0	0	0	0	-0.87	-0.92	1	1	0	600	600	0
11/9/2023 9:37	56802 BENV_T2	68	54	-14	0.18	0.16	-0.02	-1.51	-1.5	0	0	0	0	0	0
11/9/2023 9:37	55002 NEWP_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/9/2023 9:38	56802 BENV_T2	68	54	-14	0.18	0.16	-0.02	-3.02	-3	0	0	0	0	0	0
11/9/2023 9:38	55002 NEWP_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/9/2023 9:39	56802 BENV_T2	68	54	-14	0.18	0.16	-0.02	-1.51	-1.5	0	0	0	0	0	0
11/9/2023 9:40	53601 DALM_T2	1	1	0	0.8	0.5	-0.3	-0.8	-0.55	1	1	0	900	900	0
11/9/2023 9:40	56802 BENV_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/9/2023 9:41	29401 BELT_T1	4	2	-2	0.1	0.1	0	0	0	0	0	0	0	0	0
11/9/2023 9:41	56802 BENV_T2	68	54	-14	0.18	0.16	-0.02	-1.5	-1.48	0	0	0	0	0	0
11/9/2023 9:41	48901 FOSP_T2	0	0	0	0	0	0	-0.01	-0.03	1	1	0	600	600	0
11/9/2023 9:42	56802 BENV_T2	68	54	-14	0.18	0.16	-0.02	-1.5	-1.48	0	0	0	0	0	0
11/9/2023 9:43	48901 FOSP_T2	0	0	0	0	0	0	-0.01	-0.06	2	2	0	1200	1200	0
11/9/2023 9:43	40101 HUNT_T2	2	4	2	0.1	0	-0.1	-0.23	-0.27	0	0	0	0	0	0
11/9/2023 9:45	48901 FOSP_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/9/2023 9:46	26401 INOR_T1	9	9	0	0.12	0.12	0	0.47	0.52	0	0	0	0	0	0
11/9/2023 9:48	48901 FOSP_T2	0	1	1	0	0	0	-0.01	-0.03	1	1	0	600	600	0
11/9/2023 9:48	26401 INOR_T1	9	9	0	0.12	0.12	0	0	0	0	0	0	0	0	0
11/9/2023 9:48	44203 POIN_T2	0	0	0	0	0	0	0.1	0.05	2	2	0	2100	2100	0
11/9/2023 9:49	44203 POIN_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/9/2023 9:49	66502 SMAN_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/9/2023 9:50	66703 STRA_T1	6	0	-6	0.18	0	-0.18	-0.08	-0.1	0	0	0	0	0	0
11/9/2023 9:50	42002 MNVL_T2	1	1	0	5.7	5.5	-0.2	0	0	0	0	0	0	0	0
11/9/2023 9:51	41901

11/9/2023 10:11	29401 BELT_T1	2	8	6	0.1	0.11	0.01	0	0	1	1	0	900	900	0
11/9/2023 10:12	46203 DANV_T2	0	0	0	0	0	0	-1.45	-1.49	0	0	0	0	0	0
11/9/2023 10:13	28403 HART_T2	0	0	0	0	0	0	-0.84	-0.84	1	1	0	900	900	0
11/9/2023 10:13	45802 HEGI_T2	0	0	0	0	0	0	0.91	0.9	0	0	0	0	0	0
11/9/2023 10:14	26401 INOR_T1	9	7	-2	0.12	0.13	0.01	0	0	0	0	0	0	0	0
11/9/2023 10:14	54504 ENOL_T2	0	0	0	0	0	0	-1.1	-1.12	1	1	0	600	600	0
11/9/2023 10:14	52403 GRPA_T2	0	4	4	0	0.37	0.37	-0.01	0	0	0	0	0	0	0
11/9/2023 10:14	48901 FOSP_T2	0	0	0	0	0	0	-0.02	0.02	1	1	0	600	600	0
11/9/2023 10:14	40101 HUNT_T2	3	1	-2	0.33	0	-0.33	-0.28	-0.25	0	0	0	0	0	0
11/9/2023 10:15	45802 HEGI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/9/2023 10:15	40101 HUNT_T2	0	1	1	0	0.7	0.7	-0.28	-0.25	0	0	0	0	0	0
11/9/2023 10:15	58401 MORO_T1	0	4	4	0	0.2	0.2	-0.93	-0.94	1	1	0	600	600	0
11/9/2023 10:16	52403 GRPA_T2	3	3	0	0.37	0.2	-0.17	-0.01	0	0	0	0	0	0	0
11/9/2023 10:16	43402 BENT_T1	0	0	0	0	0	0	-1.32	-1.32	2	2	0	1500	1500	0
11/9/2023 10:16	58401 MORO_T1	0	4	4	0	0.2	0.2	-0.93	-0.94	1	1	0	600	600	0
11/9/2023 10:17	65001 NEFF_T2	0	0	0	0	0	0	-0.63	-0.55	1	1	0	1200	1200	0
11/9/2023 10:18	55002 NEWP_T1	6	7	1	0.95	1	0.05	-0.21	-0.2	0	0	0	0	0	0
11/9/2023 10:18	42902 MIDD_T2	0	0	0	0	0	0	0	-0.41	1	1	0	600	600	0
11/9/2023 10:19	57401 SPAN_T1	3	16	13	0.47	0.21	-0.26	-1.13	-1.13	1	1	0	600	600	0
11/9/2023 10:19	43201 MVIL_T2	0	0	0	0	0	0	-1.32	-1.32	0	0	0	0	0	0
11/9/2023 10:20	67203 TEHI_T1	0	1	1	0	0.1	0.1	2.56	2.59	3	2	-1	2100	1200	-900
11/9/2023 10:21	56501 ROCK_T2	1	1	0	0.3	0	-0.3	-0.21	-0.37	0	0	0	0	0	0
11/9/2023 10:22	67503 WEWI_T2	0	1	1	0	0.1	0.1	0	0	0	0	0	0	0	0
11/9/2023 10:22	44301 BEAV_T2	0	0	0	0	0	0	0.64	0.79	1	1	0	600	600	0
11/9/2023 10:22	57403 SPAN_T1	162	165	3	0.39	0.49	0.1	0	0	0	0	0	0	0	0
11/9/2023 10:22	59101 WALK_T2	1	1	0	0	0	0	4.32	4.47	0	0	0	0	0	0
11/9/2023 10:23	57403 SPAN_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/9/2023 10:23	67203 TEHI_T1	0	1	1	0	0.1	0.1	0	0	0	0	0	0	0	0
11/9/2023 10:24	15001 BLMO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/9/2023 10:24	29402 BELT_T1	1	1	0	8	8.2	0.2	0	0	0	0	0	0	0	0
11/9/2023 10:24	67502 WEWI_T2	0	2	2	0	0.25	0.25	-0.1	-0.19	0	0	0	0	0	0
11/9/2023 10:25	67503 WEWI_T2	0	1	1	0	0.1	0.1	0	0	0	0	0	0	0	0
11/9/2023 10:26	57403 SPAN_T1	162	165	3	0.39	0.49	0.1	0	0	0	0	0	0	0	0
11/9/2023 10:26	67502 WEWI_T2	0	2	2	0	0.25	0.25	-0.19	-0.22	0	0	0	0	0	0
11/9/2023 10:26	15001 BLMO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/9/2023 10:26	48901 FOSP_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/9/2023 10:28	54505 ENOL_T2	1	1	0	0.9	1	0.1	0	0	0	0	0	0	0	0
11/9/2023 10:29	43402 BENT_T1	0	0	0	0	0	0	-1.32	-1.34	2	2	0	1500	1500	0
11/9/2023 10:30	48901 FOSP_T2	0	0	0	0	0	0	0.02	-0.06	1	1	0	600	600	0
11/9/2023 10:33	57403 SPAN_T1	165	165	0	0.48	0.43	-0.05	0	0	0	0	0	0	0	0
11/9/2023 10:33	58402 MORO_T1	5	4	-1	0.18	0.18	0	0	0	0	0	0	0	0	0
11/9/2023 10:33	13901 SEID_T1	0	0	0	0	0	0	0.18	0.18	0	0	0	0	0	0
11/9/2023 10:33	40602 PIGR_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/9/2023 10:35	58401 MORO_T1	1	3	2	0.1	0.2	0.1	-0.94	-0.96	1	1	0	600	600	0
11/9/2023 10:36	66505 SMAN_T2	0	0	0	0	0	0	0	0	2	2	0	1100	1100	0
11/9/2023 10:36	42701 AUGU_T1	1	1	0	0.2	0.3	0.1	0	0	2	2	0	1800	1800	0
11/9/2023 10:36	67503 WEWI_T2	1	0	-1	0.1	0	-0.1	-0.4	-0.29	0	0	0	0	0	0
11/9/2023 10:37	40602 PIGR_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/9/2023 10:37	16302 ALPA_T2	0	0	0	0	0	0	1.38	1.36	0	0	0	0	0	0
11/9/2023 10:38	67502 WEWI_T2	2	1	-1	0.25	0.1	-0.15	0	0	0	0	0	0	0	0
11/9/2023 10:38	42701 AUGU_T1	1	1	0	0.2	0.3	0.1	0	0	2	2	0	1800	1800	0
11/9/2023 10:38	44901 SCOT_T2	0	0	0	0	0	0	-0.48	-0.49	0	0	0	0	0	0
11/9/2023 10:39	45402 WILO_T2	1	1	0	1.6	1.6	0	0	0	0	0	0	0	0	0
11/9/2023 10:39	56802 BENV_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/9/2023 10:40	42701 AUGU_T1	1	1	0	0.2	0.3	0.1	0	0	2	2	0	1800	1800	0
11/9/2023 10:41	54501 ENOL_T2	2	4	2	0.15	0.23	0.08	0	0	0	0	0	0	0	0
11/9/2023 10:41	16302 ALPA_T2	0	0	0	0	0	0	0.68	0.77	0	0	0	0	0	0
11/9/2023 10:41	48902 FOSP_T2	0	0	0	0	0	0	0.53	0.5	0	0	0	0	0	0
11/9/2023 10:41	42701 AUGU_T1	1	1	0	0.2	0.3	0.1	0	0	4	4	0	3600	3600	0
11/9/2023 10:42	54502 ENOL_T2	1	1	0	0.6	0.7	0.1	0	0	0	0	0	0	0	0
11/9/2023 10:42	54502 ENOL_T2	1	1	0	0.6	0.7	0.1	0	0	0	0	0	0	0	0
11/9/2023 10:43	54501 ENOL_T2	2	4	2	0.15	0.23	0.08	-0.58	-0.57	1	1	0	600	600	0
11/9/2023 10:43	46203 DANV_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/9/2023 10:44	54502 ENOL_T2	1	1	0	0.6	0.7	0.1	0	0	0	0	0	0	0	0
11/9/2023 10:48	42902 MIDD_T2	0	0	0	0	0	0	-0.34	-0.33	1	1	0	600	600	0
11/9/2023 10:48	54206 PENN_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/9/2023 10:49	64802 MONE_T2	0	0	0	0	0	0	0.25	0.23	0	0	0	0	0	0
11/9/2023 10:50	13901 SEID_T1	0	0	0	0	0	0	0.18	0.17	0	0	0	0	0	0
11/9/2023 10:51	54202 PENN_T2	0	0	0	0	0	0	0.6	0.58	0	0	0	0	0	0
11/9/2023 10:51	57403 SPAN_T1	163	165	2	0.43	0.31	-0.12	0	0	0	0	0	0	0	0
11/9/2023 10:51	42203 SHEN_T2	0	1	1	0	0	0	0	0	0	0	0	0	0	0
11/9/2023 10:51	58401 MORO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/9/2023 10:52	57403 SPAN_T1	163	165	2	0.43	0.31	-0.12	0.01	0.03	0	0	0	0	0	0
11/9/2023 10:53	59101 WALK_T2	1	1	0	0	0	0	1.65	1.64	1	1	0	600	600	0
11/9/2023 10:53	29401 BELT_T1	5	6	1	0.1	0.12	0.02	0	0	2	2	0	1800	1800	0
11/9/2023 10:54	57403 SPAN_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/9/2023 10:55	60201 ATGL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/9/2023 10:55	42701 AUGU_T1	1	1	0	0.3	0.1	-0.2	0	0	2	2	0	1800	1800	0
11/9/2023 10:56	46004 BERW_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/9/2023 10:56	48902 FOSP_T2	0	0	0	0	0	0	1.01	0.93	0	0	0	0	0	0
11/9/2023 10:56	41801 GOCI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/9/2023 10:57	53903 HALI_T2	2	2	0	1	1	0	-0.13	-0.15	0	0	0	0	0	0
11/9/2023 10:57	10805 CHHI_T2	7	13	6	2.37	2.33	-0.04	-0.27	-0.29	1	1	0	600	600	0
11/9/2023 10:58	56802 BENV_T2	3	7	4	0.63	0.36	-0.27	-2.82	-2.74	0	0	0	0	0	0
11/9/2023 10:58	46801 HEPB_T2	2	2	0	0.25	0.35	0.1	0.55	0.6	0	0	0	0	0	0
11/9/2023 10:59	41801 GOCI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/9/2023 10:59	54503 ENOL_T2	0	1	1	0	0	0	0	0	0	0	0	0	0	0
11/9/2023 10:59	57401 SPAN_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/9/2023 11:00	64301 LINC_T1	0	0	0	0	0	0	-0.01	0.04	1	1	0	600	600	0
11/9/2023 11:00	48902 FOSP_T2	0	0	0	0	0	0	1.01	0.93	0	0	0	0	0	0
11/9/2023 11:00	53903 HALI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/9/2023 11:01	28403 HART_T2	0	0	0	0	0	0	-0.82	-0.83	1	1	0	900	900	0
11/9/2023 11:01	45702 LIND_T2	0	1	1	0	1.1	1.1	-0.45	-0.5	0	0	0	0	0	0
11/9/2023 11:01	64801 MONE_T2	0	0	0	0	0	0	0.26	0.27	0	0	0	0	0	0
11/9/2023 11:01	52401 GRPA_T2	0	0	0	0	0	0	-0.73	-0.7	0	0	0	0	0	0
11/9/2023 11:02	53903 HALI_T2	2	2	0	0.9	1	0.1	-0.13	-0.15	0	0	0	0	0	0
11/9/2023 11:02	41902 REED_T1	0	0	0	0	0	0	1.04	1.07	0	0	0	0	0	0
11/9/2023 11:03	52502 PROG_T2	0	0	0	0	0	0	-0.72	-0.72	1	1	0	900	900	0
11/9/2023 11:03	46903 MNTG_T2	0	1	1	0	0.3	0.3	0	0	0	0	0	0	0	0
11/9/2023 11:04	67204 TEHI_T2	0	1	1	0	0.2	0.2	-0.06	-0.07	0	0	0	0	0	0
11/9/2023 11:05	44601 SALE_T2	0	0	0	0	0	0	0.37	0.36	1	2	1	600	900	300
11/9/2023 11:05	66502 SMAN_T2	0	3	3	0	0.37	0.37	0	0	3	3	0	2700	2700	0
11/9/2023 11:05	66501 SMAN_T2	0	2	2	0	0.6	0.6	0	0	0	0	0	0	0	0
11/9/2023 11:05	67204 TEHI_T2	0	1	1	0	0.2	0.2	-0.06	-0.07	0	0	0	0	0	0
11/9/2023 11:05	41902 REED_T1	0	0	0	0	0	0	1.04	1.07	0	0	0	0	0	0
11/9/2023 11:06	52501 PROG_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/9/2023 11:06	43301 WATS_T2	1	1	0	0.5	0.5	0	-0.63	-0.66	1	1	0	900	900	0
11/9/2023 11:06	41902 REED_T1	0	0	0	0	0	0	1.04	1.07	0	0	0	0	0	0
11/9/2023 11:06	66501 SMAN_T2	0	2	2	0	0.6	0.6	0	0	0	0	0	0	0	0
11/9/2023 11:07	57403 SPAN_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/9/2023 11:07	66503 SMAN_T2	0	6	6	0	0.1	0.1	0	0	0	0	0	0	0	0
11/9/2023 11:07	44601 SALE_T2	0	0	0	0	0	0	0.37	0.36	1	2	1	600	900	300
11/9/2023 11:07	52502 PROG_T2	0	0	0	0	0	0	-0.72	-0.72	1	1	0	900	900	0
11/9/2023 11:07	49803 UNIV_T1	0	0	0	0	0	0	-1.18	-1.11	0	0	0	0	0	0
11/9/2023 11:07	12202 FOGE_T2	0	26	26	0	0.12	0.12	0	0	1	1	0	600	600	0
11/9/2023 11:08	66503 SMAN_T2	0	6	6	0	0.1	0.1	0	0	0	0	0	0	0	0
11/9/2023 11:08	45902 AUBU_T1	0	0	0	0	0	0	-0.47	-0.5	1	1	0	600	600	0
11/9/2023 11:09	67503 WEWI_T2	0	0	0	0	0	0	-0.29	-0.31	0	0	0	0	0	0
11/9/2023 11:09	27502 WEIS_T2	0	0	0	0	0	0	0.16	-0.5	0	0	0	0	0	0
11/9/2023 11:09	59101 WALK_T2	1	1	0	0	0	0	1.64	1.11	1	1	0	600	600	0
11/9/2023 11:09	45901 AUBU_T1	0	0	0	0	0	0	4	3.72	0	0	0	0	0	0
11/9/2023 11:10	54502 ENOL_T2	1	1	0	0.7	0.8	0.1	0	0	0	0	0	0	0	0
11/9/2023 11:10	45901 AUBU_T1	0	0	0	0	0	0	2	1.86	0	0	0	0	0	0
11/9/2023 11:10	57403 SPAN_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/9/2023 11:11	48902 FOSP_T2	0	0	0	0	0	0	0.47	0.56	0	0	0	0	0	0
11/9/2023 11:11	61803 EELI_T2	0	2	2	0	0.7	0.7	0	0	0	0	0	0	0	0
11/9/2023 11:11	56802 BENV_T2	3	85	82	0.7	0.18	-0.52	-1.37	-1.42	0	0	0	0	0	0
11/9/2023 11:11	53903 HALI_T2	2	2	0	0.9	1	0.1	-0.15	-0.17	0	0	0	0	0	0
11/9/2023 11:12	40101 HUNT_T2	1	1	0	0.2	0	-0.2	-0.17	-0.16	0	0	0	0	0	0
11/9/2023 11:13	61801 EELI_T2	1	6	5	1.2	0.38	-0.82	-0.17	-0.22	0	0	0	0	0	0
11/9/2023 11:13	54505 ENOL_T2	1	1	0	0.9	1	0.1	0	0	0	0	0	0	0	0
11/9/2023 11:14	23301 JEFF_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/9/2023 11:14	61803 EELI_T2	0	2	2	0	0.7	0.7	0	0	0	0	0	0	0	0
11/9/2023 11:14	61803 EELI_T2	0	2	2	0	0.7	0.7	0	0	0	0	0	0	0	0
11/9/2023 11:14	46801 HEPB_T2	2	2	0	0.35	0.25	-0.1	0.6	0.56	0	0	0	0	0	0
11/9/2023 11:15	20603 GRWO_T2	0	0	0	0	0	0	-0.67	-0.67	1	1	0	900	900	0
11/9/2023 11:16	59302 MCAL_T1	0	1	1	0	0.1	0.1	0.2	0.14	1	1	0	600	600	0
11/9/2023 11:16	53903 HALI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/9/2023 11:16	43401 BENT_T1	0	3	3	0	0	0	0	0	0	0	0	0	0	0
11/9/2023 11:16	64301 LINC_T1	0	0	0	0	0	0	0.04	-0.01	1	1	0	600	600	0
11/9/2023 11:17	45003 LIME_2	1	1	0	3.4	3.9	0.5	0	0	2	2	0	2400	2400	0
11/9/2023 11:17	58401 MORO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/9/2023 11:17	59301 MCAL_T1	3	7	4	0.77	0.57	-0.2	-1.64	-1.6	1	1	0	600	600	0
11/9/2023 11:18	65701 RVIL_T1	0	0	0	0	0	0	-1.87	-1.92	0	0	0	0	0	0
11/9/2023 11:20	59101 WALK_T2	1	1	0	0	0	0	1.11	1.49	1	1	0	600	600	0
11/9/2023 11:21	65701 RVIL_T1	0	0	0	0	0	0	-1.87	-1.92	0	0	0	0	0	0
11/9/2023 11:22	65701 RVIL_T1	0	0	0	0	0	0	-7.5	-7.67	0	0	0	0	0	0
11/9/2023 11:23	52403 GRPA_T2	1	4	3	0.2	0.75	0.55	0.01	0	0	0	0	0	0	0
11/9/2023 11:23	16302 ALPA_T2	0	0	0	0	0	0	0.69	0.67	0	0	0	0	0	0
11/9/2023 11:23	65701 RVIL_T1	0	0	0	0	0	0	-1.87	-1.92	0	0	0	0	0	0
11/9/2023 11:24	15001 BLMO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/9/2023 11:25	54502 ENOL_T2	1	1	0	0.7	0.8	0.1	0	0	0	0	0	0	0	0
11/9/2023 11:28	45502 DERR_T2	1	1	0	1.4	1.2	-0.2	0	0	0	0	0	0	0	0
11/9/2023 11:28	52403 GRPA_T2	1	4	3	0.2	0.75	0.55	0	0.01	0	0	0	0	0	0
11/9/2023 11:28	23402 HONE_T2	0	0	0	0	0	0	0.59	0.58	0	0	0	0	0	0
11/9/2023 11:28	28601 BLYT_T2	1	1	0	9.6	7.4	-2.2	0	0	0	0	0	0	0	0
11/9/2023 11:28	53903 HALI_T2	2	2	0	1	0.9	-0.1	-0.17	-0.13	0	0	0	0	0	0
11/9/2023 11:29	54501 ENOL_T2	4	4	0	0.15	0.25	0.1	-0.57	-0.57	1	1	0	600	600	0
11/9/2023 11:29	43402 BENT_T1	2	0	-2	0.25	0	-0.25	-1.34	-1.32	2	2	0	1500	1500	0
11/9/2023 11:29	54502 ENOL_T2	1	1	0	0.7	0.8	0.1	0	0	0	0	0	0	0	0
11/9/2023 11:30	23301 JEFF_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/9/2023 11:31	43402 BENT_T1	0	0	0	0	0	0	-1.34	-1.32	2	2	0	1500	1500	0
11/9/2023 11:33	65001 NEFF_T2	0	0	0	0	0	0	-0.58	-0.57	1	1	0	1200	1200	0
11/9/2023 11:34	58302 NOTT_T1	0	0	0	0	0	0	-0.41	-0.3	1	1	0	1200	1200	0
11/9/2023 11:36	13901 SEID_T1	0	0	0	0	0	0	0.17	0.17	0	0	0	0	0	0
11/9/2023 11:37	29401 BELT_T1	0	4	4	0	0.1	0.1	0	0	1	1	0	900	900	0
11/9/2023 11:38	67401 WAKE_T2	0	0	0	0	0	0	-1.11	-1.14	0	0	0	0	0	0
11/9/2023 11:38	67803 WLAN_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/9/2023 11:38	29401 BELT_T1	0	4	4	0	0.1	0.1	0	0	0	0	0	0	0	0
11/9/2023 11:40	65005 NEFF_T2	0	1	1	0	0.5	0.5	0	0	0	0	0	0	0	0
11/9/2023 11:40	29401 BELT_T1	0	4	4	0	0.1	0.1	0	0	1	1	0	900	900	0
11/9/2023 11:40	61303 EARL_T1	0	0	0	0	0	0	1.78	1.54	0	0	0	0	0	0
11/9/2023 11:41	29402 BELT_T1	1	1	0	7.8	8.2	0.4	0	0	0	0	0	0	0	0
11/9/2023 11:41	29401 BELT_T1	0	4	4	0	0.1	0.1	0	0	1	1	0	900	900	0
11/9/2023 11:41	41801 GOCI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/9/2023 11:41	17802 GILB_T1	0	0	0	0	0	0	0.02	0.02	0	0	0	0	0	0
11/9/2023 11:42	29402 BELT_T1	1	1	0	7.8	8.2	0.4	0	0	0	0	0	0	0	0
11/9/2023 11:43	41801 GOCI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/9/2023 11:44	40902 JESH_T1	0	0	0	0	0	0	0.36	0.22	1	1	0	600	600	0
11/9/2023 11:48	42201 SHEN_T2	0	0	0	0	0	0	-0.18	-0.21	1	1	0	600	600	0
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11/9/2023 12:29	43402 BENT_T1	0	0	0	0	0	0	-1.35	-1.38	2	2	0	1500	1500	0
11/9/2023 12:49	40602 PIGR_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/9/2023 12:50	40602 PIGR_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/9/2023 13:03	65004 NEFF_T2	1	0	-1	0.2	0	-0.2	-0.55	-0.57	0	0	0	0	0	0
11/9/2023 13:03	57304 MOAL_T2	1	5	4	0.2	0.18	-0.02	-0.69	-0.7	0	0	0	0	0	0
11/9/2023 13:06	64101 REFR_T1	0	0	0	0	0	0	0.05	0.02	0	0	0	0	0	0
11/9/2023 13:16	43401 BENT_T1	6	5	-1	1.07	0.95	-0.12	0	0	0	0	0	0	0	0
11/9/2023 13:20	14801 TREI_T2	1	1	0	0.1	0.1	0	0.23	0.22	0	0	0	0	0	0
11/9/2023 13:21	45902 AUBU_T1	1	2	1	0.8	0.45	-0.35	-0.64	-0.68	1	1	0	600	600	0
11/9/2023 13:22	56803 BENV_T1	0	2	2	0	0.2	0.2	0	0	0	0	0	0	0	0
11/9/2023 13:23	42703 AUGU_T1	0	0	0	0	0	0	0	0	2	2	0	1800	1800	0
11/9/2023 13:24	61303 EARL_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/9/2023 13:25	61303 EARL_T1	0	0	0	0	0	0	1.68	1.39	0	0	0	0	0	0
11/9/2023 13:26	56801 BENV_T1	45	52	7	0.78	1.03	0.25	-0.82	-0.86	1	1	0	600	600	0
11/9/2023 13:28	23401 HONE_T2	0	0	0	0	0	0	-0.5	-0.5	0	0	0	0	0	0
11/9/2023 13:29	43402 BENT_T1	0	0	0	0	0	0	-1.38	-1.36	2	2	0	1500	1500	0
11/9/2023 13:30	23401 HONE_T2	0	0	0	0	0	0	-0.25	-0.25	0	0	0	0	0	0
11/9/2023 13:48	13901 SEID_T1	0	0	0	0	0	0	0.14	0.13	0	0	0	0	0	0
11/9/2023 13:57	10702 CATA_T2	1	1	0	0.4	0.6	0.2	0	0	0	0	0	0	0	0
11/9/2023 14:01	57304 MOAL_T2	20	16	-4	0.25	0.23	-0.02	-0.72	-0.73	0	0	0	0	0	0
11/9/2023 14:03	51304 WIND_T2	0	0	0	0	0	0	-0.09	-0.03	0	0	0	0	0	0
11/9/2023 14:04	13901 SEID_T1	0	0	0	0	0	0	0.13	0.14	0	0	0	0	0	0
11/9/2023 14:07	45902 AUBU_T1	2	3	1	0.65	0.47	-0.18	-0.87	-0.89	1	1	0	600	600	0
11/9/2023 14:08	45902 AUBU_T1	2	3	1	0.65	0.47	-0.18	-0.87	-0.89	1	1	0	600	600	0
11/9/2023 14:08	45901 AUBU_T1	0	0	0	0	0	0	1.85	1.89	0	0	0	0	0	0
11/9/2023 14:08	51304 WIND_T2	0	0	0	0	0	0	-0.09	-0.03	0	0	0	0	0	0
11/9/2023 14:08	15103 UPHA_T2	0	0	0	0	0	0	0.32	0.31	0	0	0	0	0	0
11/9/2023 14:09	45901 AUBU_T1	0	0	0	0	0	0	1.85	1.89	0	0	0	0	0	0
11/9/2023 14:09	45902 AUBU_T1	2	3	1	0.65	0.47	-0.18	0	0	0	0	0	0	0	0
11/9/2023 14:10	45902 AUBU_T1	2	3	1	0.65	0.47	-0.18	-0.87	-0.89	1	1	0	600	600	0
11/9/2023 14:11	42701 AUGU_T1	0	1	1	0	0.1	0.1	0	0	2	2	0	1800	1800	0
11/9/2023 14:12	45902 AUBU_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/9/2023 14:12	22901 HARW_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/9/2023 14:12	26401 INOR_T1	0	0	0	0	0	0	0.26	0.34	0	0	0	0	0	0
11/9/2023 14:14	20603 GRWO_T2	0	0	0	0	0	0	0.31	0.35	0	0	0	0	0	0
11/9/2023 14:14	42902 MIDD_T2	3	4	1	0.33	0.48	0.15	-0.26	-0.17	1	1	0	600	600	0
11/9/2023 14:15	23401 HONE_T2	0	0	0	0	0	0	-0.3	-0.21	0	0	0	0	0	0
11/9/2023 14:16	64702 LITI_T2	0	0	0	0	0	0	-0.65	-0.64	0	0	0	0	0	0
11/9/2023 14:16	42902 MIDD_T2	3	12	9	0.33	0.28	-0.05	-0.26	-0.17	1	1	0	600	600	0
11/9/2023 14:16	43401 BENT_T1	0	1	1	0	0	0	0	0	0	0	0	0	0	0
11/9/2023 14:17	64702 LITI_T2	0	0	0	0	0	0	-0.65	-0.64	0	0	0	0	0	0
11/9/2023 14:17	22901 HARW_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/9/2023 14:18	42901 MIDD_T2	0	1	1	0	0.1	0.1	0	0	0	0	0	0	0	0
11/9/2023 14:18	26401 INOR_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/9/2023 14:18	56501 ROCK_T2	5	8	3	0.24	0.33	0.09	-0.45	-0.46	0	0	0	0	0	0
11/9/2023 14:18	23301 JEFF_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/9/2023 14:19	56501 ROCK_T2	5	8	3	0.24	0.33	0.09	0	0	0	0	0	0	0	0
11/9/2023 14:19	13901 SEID_T1	0	0	0	0	0	0	0.14	0.15	0	0	0	0	0	0
11/9/2023 14:20	60501 NMAN_T2	3	13	10	4.7	1.41	-3.29	0	0	0	0	0	0	0	0
11/9/2023 14:20	42901 MIDD_T2	0	1	1	0	0.1	0.1	0	0	0	0	0	0	0	0
11/9/2023 14:22	64702 LITI_T2	0	0	0	0	0	0	-0.65	-0.64	0	0	0	0	0	0
11/9/2023 14:23	45502 DERR_T2	1	0	-1	1.1	0	-1.1	0	0	0	0	0	0	0	0
11/9/2023 14:23	44302 BEAV_T2	0	5	5	0	0.28	0.28	0	0	0	0	0	0	0	0
11/9/2023 14:24	45902 AUBU_T1	3	2	-1	0.47	0.65	0.18	-0.89	-0.79	1	1	0	600	600	0
11/9/2023 14:25	45501 DERR_T2	0	0	0	0	0	0	0.67	0.78	2	2	0	1800	1800	0
11/9/2023 14:25	45902 AUBU_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/9/2023 14:26	54503 ENOL_T2	0	0	0	0	0	0	-0.88	-0.84	2	2	0	1200	1200	0
11/9/2023 14:26	56504 ROCK_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/9/2023 14:26	54503 ENOL_T2	0	0	0	0	0	0	-0.88	-0.84	2	2	0	1200	1200	0
11/9/2023 14:26	41801 GOCI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/9/2023 14:26	47101 MARL_T1	0	0	0	0	0	0	-3.33	-3.43	2	2	0	1200	1200	0
11/9/2023 14:26	45902 AUBU_T1	3	2	-1	0.47	0.65	0.18	-0.79	-0.81	1	1	0	600	600	0
11/9/2023 14:27	54503 ENOL_T2	0	0	0	0	0	0	-0.44	-0.42	1	1	0	600	600	0
11/9/2023 14:27	47101 MARL_T1	0	0	0	0	0	0	-1.67	-1.71	1	1	0	600	600	0
11/9/2023 14:27	54504 ENOL_T2	0	0	0	0	0	0	-1.19	-1.2	1	1	0	600	600	0
11/9/2023 14:28	63804 HEMP_T1	1	1	0	5.9	5.6	-0.3	0	0	0	0	0	0	0	0
11/9/2023 14:28	23301 JEFF_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/9/2023 14:28	47101 MARL_T1	0	0	0	0	0	0	-1.67	-1.71	1	1	0	600	600	0
11/9/2023 14:28	22901 HARW_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/9/2023 14:28	54505 ENOL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/9/2023 14:28	23401 HONE_T2	0	0	0	0	0	0	-0.21	-0.32	0	0	0	0	0	0
11/9/2023 14:29	54502 ENOL_T2	1	1	0	0.8	0.8	0	-2.1	-1.41	1	1	0	600	600	0
11/9/2023 14:29	43401 BENT_T1	0	1	1	0	0	0	0	0	0	0	0	0	0	0
11/9/2023 14:29	41801 GOCI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/9/2023 14:29	54501 ENOL_T2	4	4	0	0.25	0.55	0.3	0	0	0	0	0	0	0	0
11/9/2023 14:29	52004 LING_T2	2	2	0	0.15	0.2	0.05	0.25	0.29	0	0	0	0	0	0
11/9/2023 14:30	53903 HAU_T2	3	3	0	0.77	1.1	0.33	0	0	0	0	0	0	0	0
11/9/2023 14:30	54501 ENOL_T2	4	4	0	0.43	0.55	0.12	0	0	0	0	0	0	0	0
11/9/2023 14:30	53901 HAU_T2	1	2	1	0.4	0.35	-0.05	0	0	0	0	0	0	0	0
11/9/2023 14:30	23401 HONE_T2	0	0	0	0	0	0	-0.21	-0.32	0	0	0	0	0	0
11/9/2023 14:31	63802 HEMP_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/9/2023 14:31	47101 MARL_T1	0	0	0	0	0	0	-1.67	-1.71	1	1	0	600	600	0
11/9/2023 14:31	23401 HONE_T2	0	0	0	0	0	0	-0.21	-0.32	0	0	0	0	0	0
11/9/2023 14:32	53901 HAU_T2	1	2	1	0.4	0.35	-0.05	0	0	0	0	0	0	0	0
11/9/2023 14:33	47101 MARL_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/9/2023 14:33	60604 NCOL_T2	0	0	0	0	0	0	0.31	0.32	0	0	0	0	0	0
11/9/2023 14:33	52502 PROG_T2	0	0	0	0	0	0	-0.79	-0.79	1	1	0	900	900	0
11/9/2023 14:34	46903 MNTG_T2	0	95	95	0	0.17	0.17	0.13	0.04	1	1	0	600	600	0
11/9/2023 14:35	43302 WATS_T2	4	0	-4	0.25	0	-0.25	0	0	0	0	0	0	0	0
11/9/2023 14:35	13901 SEID_T1	0	0	0	0	0	0	0.15	0.15	0	0	0	0	0	0
11/9/2023 14:36	53901 HAU_T2	1	2	1	0.4	0.35	-0.05	0	0	0	0	0	0	0	0
11/9/2023 14:36	43401 BENT_T1	1	0	-1	0.1	0	-0.1	0	0	0	0	0	0	0	0
11/9/2023 14:36	43302 WATS_T2	4	0	-4	0.25	0	-0.25	0	0	0	0	0	0	0	0
11/9/2023 14:37	43304 WATS_T2	0	0	0	0	0	0	-0.36	-0.34	0	0	0	0	0	0
11/9/2023 14:37	43301 WATS_T2	1	1	0	1.1	1.3	0.2	0	0	0	0	0	0	0	0
11/9/2023 14:37	44302 BEAV_T2	1	5	4	0.1	0.28	0.18	0.23	0.24	0	0	0	0	0	0
11/9/2023 14:37	42701 AUGU_T1	1	1	0	0.1	0.1	0	0	0	4	4	0	3600	3600	0
11/9/2023 14:37	55101 WERT_T1	0	0	0	0	0	0	-0.87	-0.89	2	2	0	1500	1500	0
11/9/2023 14:38	43301 WATS_T2	1	1	0	1.1	1.3	0.2	-0.64	-0.67	1	1	0	900	900	0
11/9/2023 14:38	42701 AUGU_T1	1	1	0	0.1	0.1	0	0	0	2	2	0	1800	1800	0
11/9/2023 14:38	43302 WATS_T2	4	0	-4	0.25	0	-0.25	0	0	0	0	0	0	0	0
11/9/2023 14:38	55101 WERT_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/9/2023 14:39	29401 BELT_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/9/2023 14:39	44302 BEAV_T2	1	5	4	0.1	0.28	0.18	0	0	0	0	0	0	0	0
11/9/2023 14:39	45902 AUBU_T1	1	2	1	0.8	0.65	-0.15	-0.79	-0.81	1	1	0	600	600	0
11/9/2023 14:39	45501 DERR_T2	0	0	0	0	0	0	0.78	0.84	2	2	0	1800	1800	0
11/9/2023 14:40	57403 SPAN_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/9/2023 14:40	29402 BELT_T1	1	1	0	7.8	8.2	0.4	0	0	0	0	0	0	0	0
11/9/2023 14:40	42701 AUGU_T1	1	1	0	0.1	0.1	0	0	0	2	2	0	1800	1800	0
11/9/2023 14:40	43301 WATS_T2	1	1	0	1.1	1.3	0.2	0	0	0	0	0	0	0	0
11/9/2023 14:41	43301 WATS_T2	1	1	0	1.1	1.3	0.2	0	0	0	0	0	0	0	0
11/9/2023 14:41	43302 WATS_T2	4	0	-4	0.25	0	-0.25	0	0	0	0	0	0	0	0
11/9/2023 14:41	54505 ENOL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/9/2023 14:41	29402 BELT_T1	1	1	0	7.8	8.2	0.4	0	0	0	0	0	0	0	0
11/9/2023 14:41	45902 AUBU_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/9/2023 14:41	45501 DERR_T2	0	0	0	0	0	0	0.84	0.88	2	2	0	1800	1800	0
11/9/2023 14:41	61303 EARL_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/9/2023 14:42	54502 ENOL_T2	1	1	0	0.7	0.8	0.1	0	0	0	0	0	0	0	0
11/9/2023 14:42	41801 GOCI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/9/2023 14:42	45902 AUBU_T1	1	2	1	0.8	0.65	-0.15	-0.81	-0.88	1	1	0	600	600	0
11/9/2023 14:43	54502 ENOL_T2	1	1	0	0.7	0.8	0.1	0	0	0	0	0	0	0	0
11/9/2023 14:43	61303 EARL_T1	0	0	0	0	0	0	0.56	0.53	0	0	0	0	0	0
11/9/2023 14:43	54502 ENOL_T2	1	1	0	0.7	0.8	0.1	0	0	0	0	0	0	0	0
11/9/2023 14:43	54503 ENOL_T2	0	0	0	0	0	0	-0.84	-0.86	2	2	0	1200	1200	0
11/9/2023 14:44	61303 EARL_T1	0	0	0	0	0	0	0.56	0.53	0	0	0	0	0	0
11/9/2023 14:44	54505 ENOL_T2	1	1	0	1.1	1.2	0.1	-1.44	-1.44	1	1	0	600	600	0
11/9/2023 14:44	23301 JEFF_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/9/2023 14:45	54501 ENOL_T2	4	4	0	0.55	0.25	-0.3	-1.2	-1.18	2	2	0	1200	1200	0
11/9/2023 14:45	54502 ENOL_T2	1	1	0	0.8	0.2	-0.6	-1.41	-1.41	1	0	-1	600	0	-600
11/9/2023 14:45	42903 MIDD_T2	2	2	0	1.7	1.55	-0.15	0	0	0	0	0	0	0	0
11/9/2023 14:45	41801 GOCI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/9/2023 14:45	63203 MGTN_T1	0	0	0	0	0	0	-0.78	-0.78	2	2	0	1200	1200	0
11/9/2023 14:46	54505 ENOL_T2	1	1	0	1.2	1	-0.2	-1.44	-1.44	1	1	0	600	600	0
11/9/2023 14:46	42901 MIDD_T2	1	0	-1	0.1	0	-0.1	0	0	0	0	0	0	0	0
11/9/2023 14:46	65003 NEFF_T2	4	6	2	0.2	0.2	0	0	0	0	0	0	0	0	0
11/9/2023 14:48	13704 SCHN_T2	0	0	0	0	0	0	-0.4	-0.42	0	0	0	0	0	0
11/9/2023 14:48	42902 MIDD_T2	12	6	-6	0.28	0.27	-0.01	0	0	0	0	0	0	0	0
11/9/2023 14:49	56501 ROCK_T2	8	8	0	0.33	0.28	-0.05	-0.46	-0.44	0	0	0	0	0	0
11/9/2023 14:50	42201 SHEN_T2	4	1	-3	0.48	1	0.52	-0.17	-0.14	1	1	0	600	600	0
11/9/2023 14:50	57403 SPAN_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/9/2023 14:51	13704 SCHN_T2	0	0	0	0	0	0	-0.4	-0.42	0	0	0	0	0	0
11/9/2023 14:51	65701 RVIL_T1	0	0	0	0	0	0	-1.94	-1.93	0	0	0	0	0	0
11/9/2023 14:52	13704 SCHN_T2	0	0	0	0	0	0	-0.4	-0.42	0	0	0	0	0	0
11/9/2023 14:52	42201 SHEN_T2	4	1	-3	0.48	1	0.52	-0.17	-0.14	1	1	0	600	600	0
11/9/2023 14:52	45902 AUBU_T1	2	2	0	0.65	0.4	-0.25	-0.81	-0.88	1	1	0	600	600	0
11/9/2023 14:52	65701 RVIL_T1	0	0	0	0	0	0	-5.81	-5.78	0	0	0	0	0	0
11/9/2023 14:53	65701 RVIL_T1	0	0	0	0	0	0	-3.87	-3.85	0	0	0	0	0	0
11/9/2023 14:53	45902 AUBU_T1	2	2	0	0.65	0.4	-0.25	-0.81	-0.88	1	1	0	600	600	0
11/9/2023 14:54	13704 SCHN_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/9/2023 14:54	65701 RVIL_T1	0	0	0	0	0	0	-1.94	-1.93	0	0	0	0	0	0
11/9/2023 14:54	46001 BERW_T1	0	0	0	0	0	0	0.99	1.01	0	0	0	0	0	0
11/9/2023 14:54	67402 WAKE_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/9/2023 14:55	59101 WALK_T2	1	1	0	0	0	0	2.24	2.18	0	0	0	0	0	0
11/9/2023 14:55	45902 AUBU_T1	2	2	0	0.65	0.4	-0.25	-0.81	-0.88	1	1	0	600	600	0
11/9/2023 14:55	46001 BERW_T1	0	0	0	0	0	0	0.99	1.01	0	0	0	0	0	0
11/9/2023 14:56	23401 HONE_T2	0	0	0	0	0	0	-0.26	-0.28	0	0	0	0	0	0
11/9/2023 14:56	46001 BERW_T1	0	0	0	0	0	0	2.02	1.55	0	0	0	0	0	0
11/9/2023 14:57	45902 AUBU_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/9/2023 14:57	45802 HEGI_T2	0	0	0	0	0	0	0.78	0.84	0	0	0	0	0	0
11/9/2023 14:57	45303 WBER_T2	2	2	0	1.7	1.15	-0.55	0	0	0	0	0	0	0	0
11/9/2023 14:58	46802 HEPB_T1	2	1	-1	0.85	1.5	0.65	0	0	0	0	0	0	0	0
11/9/2023 14:59	45802 HEGI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/9/2023 15:00	26401 INOR_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/9/2023 15:01	58402 MORO_T1	0	0	0	0	0	0	-1.06	-1.09	2	2	0	1500	1500	0
11/9/2023 15:01	53902 HAU_T2	1	0	-1	0.1	0	-0.1	0	0	0	0	0	0	0	0
11/9/2023 15:05	13702 SCHN_T1	0	0	0	0	0	0	-0.55	-0.6	0	0	0	0	0	0
11/9/2023 15:06	13702 SCHN_T1	0	0	0	0	0	0	-0.55	-0.6	0	0	0	0	0	0
11/9/2023 15:06	12202 FOGE_T2	78	98	20	0.17	0.29	0.12	0	0	1	1	0	600	600	0
11/9/2023 15:08	42503 ALTA_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/9/2023 15:09	53903 HAU_T2	2	2	0	1.4	1	-0.4	-0.14	-0.14	0	0	0	0	0	0
11/9/2023 15:09	28604 BLYT_T2	0	0	0	0	0	0	-1.46	-1.47	0	0	0	0	0	0
11/9/2023 15:11	59101 WALK_T2	1	1	0	0	0	0	1.92	1.93	0	0	0	0	0	0
11/9/2023 15:13	65001 NEFF_T2	0	0	0	0	0	0	-0.69	-0.8	1	1	0	1200	1200	0
11/9/2023 15:16	26401 INOR_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/9/2023 15:18	65603 QVIL_T2	1	1	0	7.4	7.1	-0.3	0	0	0	0	0	0	0	0
11/9/2023 15:22	67605 WARW_T1	35	12	-23	0.45	0.46	0.01	-1.19	-1.18	0	0	0	0	0	0
11/9/2023 15:22	65604 QVIL_T2	0	0	0	0	0	0	0.33	0.29	0	0	0	0	0	0
11/9/2023 15:22	60701 BREC_T1	0	0	0	0	0	0	-0.47	-0.65	2	2	0	1200	1200	0
11/9/2023 15:23	59202 THOM_T1	0	1	1	0	0.1	0.1	0	0	0	0	0	0	0	0
11/9/2023 15:23	10705 CATA_T2	0	1	1	0	0.1	0.1	-1.02	-1.05	1	1	0	900	900	0

11/9/2023 18:57	66501 SMAN_T2	1	1	0	0.2	0.3	0.1	0	0	0	0	0	0	0	0
11/9/2023 18:57	15001 BLMO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/9/2023 18:57	45902 AUBU_T1	0	0	0	0	0	0	-0.98	-0.98	1	1	0	600	600	0
11/9/2023 18:57	60201 ATGL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/9/2023 18:57	48902 FOSP_T2	0	0	0	0	0	0	0.07	0.1	0	0	0	0	0	0
11/9/2023 18:58	67502 WEWI_T2	44	37	-7	0.14	0.16	0.02	-0.48	-0.53	0	0	0	0	0	0
11/9/2023 18:58	42503 ALTA_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/9/2023 18:59	67605 WARW_T1	0	0	1	0	0.2	0.2	-1.12	-1.14	0	0	0	0	0	0
11/9/2023 18:59	45902 AUBU_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/9/2023 18:59	46203 DANV_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/9/2023 18:59	46004 BERW_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/9/2023 18:59	64801 MONE_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/9/2023 18:59	61801 EEU_T2	3	4	1	0.67	0.63	-0.04	-0.93	-0.94	1	1	0	600	600	0
11/9/2023 18:59	42701 AUGU_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/9/2023 19:00	20403 ASHF_T2	0	0	0	0	0	0	0.24	0.2	0	0	0	0	0	0
11/9/2023 19:00	42902 MIDD_T2	53	67	14	0.28	0.38	0.1	-0.54	-0.44	0	0	0	0	0	0
11/9/2023 19:00	15001 BLMO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/9/2023 19:00	66505 SMAN_T2	3	3	0	0.93	0.47	-0.46	0	0	0	0	0	0	0	0
11/9/2023 19:00	45501 DERR_T2	0	0	0	0	0	0	0.73	0.8	2	2	0	1800	1800	0
11/9/2023 19:00	29401 BELT_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/9/2023 19:00	59302 MCAL_T1	1	1	0	0.5	0.6	0.1	0.36	0.37	0	0	0	0	0	0
11/9/2023 19:00	16302 ALPA_T2	0	0	0	0	0	0	0.62	0.64	0	0	0	0	0	0
11/9/2023 19:00	28601 BLYT_T2	0	1	1	0	0.4	0.4	0	0	0	0	0	0	0	0
11/9/2023 19:00	67402 WAKE_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/9/2023 19:00	47101 MARL_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/9/2023 19:00	53501 EVIL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/9/2023 19:01	43304 WATS_T2	0	0	0	0	0	0	-0.38	-0.4	0	0	0	0	0	0
11/9/2023 19:01	54505 ENOL_T2	1	1	0	1.1	1.1	0	-1.41	-1.39	1	1	0	600	600	0
11/9/2023 19:01	22901 HARW_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/9/2023 19:01	45902 AUBU_T1	0	0	0	0	0	0	-0.98	-0.98	1	1	0	600	600	0
11/9/2023 19:01	60604 NCOL_T2	0	0	0	0	0	0	0.4	0.31	0	0	0	0	0	0
11/9/2023 19:01	46801 HEPB_T2	0	1	1	0	0.1	0.1	0.55	0.54	0	0	0	0	0	0
11/9/2023 19:01	58402 MORO_T1	1	0	-1	0.6	0	-0.6	0	0	0	0	0	0	0	0
11/9/2023 19:01	59202 THOM_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/9/2023 19:01	40602 PIGR_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/9/2023 19:01	56802 BENV_T2	409	259	-150	0.44	0.37	-0.07	-1.4	-1.44	0	0	0	0	0	0
11/9/2023 19:02	54501 ENOL_T2	4	4	0	0.23	0.4	0.17	-0.6	-0.6	1	1	0	600	600	0
11/9/2023 19:02	55002 NEWP_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/9/2023 19:02	67502 WEWI_T2	37	0	-37	0.16	0	-0.16	0	0	0	0	0	0	0	0
11/9/2023 19:02	41801 GOCI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/9/2023 19:03	54001 SDLE_T1	5	4	-1	0.82	0.6	-0.22	0	0	0	0	0	0	0	0
11/9/2023 19:03	45902 AUBU_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/9/2023 19:04	52402 GRPA_T2	4	6	2	1.68	1.5	-0.18	0	0	0	0	0	0	0	0
11/9/2023 19:04	56802 BENV_T2	409	259	-150	0.44	0.37	-0.07	-1.4	-1.44	0	0	0	0	0	0
11/9/2023 19:04	61303 EARL_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/9/2023 19:04	48902 FOSP_T2	0	0	0	0	0	0	0.07	0.1	0	0	0	0	0	0
11/9/2023 19:04	42902 MIDD_T2	53	67	14	0.28	0.38	0.1	-0.54	-0.44	0	0	0	0	0	0
11/9/2023 19:04	43201 MVIL_T2	0	0	0	0	0	0	-0.41	-0.41	0	0	0	0	0	0
11/9/2023 19:04	57403 SPAN_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/9/2023 19:05	43304 WATS_T2	0	0	0	0	0	0	-0.38	-0.4	0	0	0	0	0	0
11/9/2023 19:05	47101 MARL_T1	0	0	0	0	0	0	-1.56	-1.56	1	1	0	600	600	0
11/9/2023 19:05	56801 BENV_T1	36	32	-4	0.64	0.56	-0.08	-0.84	-0.81	1	1	0	600	600	0
11/9/2023 19:05	56802 BENV_T2	409	259	-150	0.44	0.37	-0.07	-1.4	-1.44	0	0	0	0	0	0
11/9/2023 19:05	43301 WATS_T2	0	1	1	0	0.3	0.3	-0.64	-0.65	1	1	0	900	900	0
11/9/2023 19:05	58302 NOTT_T1	0	0	0	0	0	0	-0.45	-0.3	1	1	0	1200	1200	0
11/9/2023 19:05	67201 TEHE_T1	0	0	0	0	0	0	0.24	0.18	1	1	0	900	900	0
11/9/2023 19:05	15103 UPHA_T2	0	0	0	0	0	0	0.38	0.36	0	0	0	0	0	0
11/9/2023 19:06	54505 ENOL_T2	1	1	0	1.1	1.1	0	0	0	0	0	0	0	0	0
11/9/2023 19:06	60604 NCOL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/9/2023 19:06	43304 WATS_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/9/2023 19:06	42902 MIDD_T2	53	67	14	0.28	0.38	0.1	-0.54	-0.44	0	0	0	0	0	0
11/9/2023 19:06	47101 MARL_T1	0	0	0	0	0	0	-1.56	-1.56	1	1	0	600	600	0
11/9/2023 19:06	41901 REED_T1	10	10	0	0.48	0.37	-0.11	-1.31	-1.34	1	1	0	900	900	0
11/9/2023 19:06	13704 SCHN_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/9/2023 19:06	45501 DERR_T2	0	0	0	0	0	0	0.73	0.8	2	2	0	1800	1800	0
11/9/2023 19:06	66502 SMAN_T2	61	34	-27	0.15	0.13	-0.02	0	0	0	0	0	0	0	0
11/9/2023 19:06	54505 ENOL_T2	1	1	0	1.1	1.1	0	0	0	0	0	0	0	0	0
11/9/2023 19:06	43001 ALWD_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/9/2023 19:06	57401 SPAN_T1	2	3	1	1	0.67	-0.33	-0.87	-0.89	1	1	0	600	600	0
11/9/2023 19:06	55002 NEWP_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/9/2023 19:07	43304 WATS_T2	0	0	0	0	0	0	-0.76	-0.79	0	0	0	0	0	0
11/9/2023 19:07	45001 LIME_2	18	12	-6	0.16	0.12	-0.04	0	0	0	0	0	0	0	0
11/9/2023 19:07	56802 BENV_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/9/2023 19:07	57403 SPAN_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/9/2023 19:07	58401 MORO_T1	0	0	0	0	0	0	-0.96	-0.97	1	1	0	600	600	0
11/9/2023 19:07	46903 MNTG_T2	0	0	0	0	0	0	-0.21	-0.28	1	1	0	600	600	0
11/9/2023 19:08	58401 MORO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/9/2023 19:08	40602 PIGR_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/9/2023 19:08	56802 BENV_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/9/2023 19:08	56504 ROCK_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/9/2023 19:08	43301 WATS_T2	0	1	1	0	0.3	0.3	-0.64	-0.65	1	1	0	900	900	0
11/9/2023 19:08	43402 BENT_T1	0	0	0	0	0	0	-1.51	-1.52	2	2	0	1500	1500	0
11/9/2023 19:09	45802 HEGI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/9/2023 19:09	57403 SPAN_T1	139	169	30	0.4	0.53	0.13	0	0	0	0	0	0	0	0
11/9/2023 19:10	42903 MIDD_T2	2	2	0	2.3	2.55	0.25	0	0	0	0	0	0	0	0
11/9/2023 19:10	43302 WATS_T2	4	4	0	0.78	0.85	0.07	0	0	0	0	0	0	0	0
11/9/2023 19:10	57403 SPAN_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/9/2023 19:10	56802 BENV_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/9/2023 19:10	58401 MORO_T1	0	0	0	0	0	0	-0.96	-0.97	1	1	0	600	600	0
11/9/2023 19:10	40101 HUNT_T2	0	1	1	0	0.2	0.2	-0.46	-0.42	0	0	0	0	0	0
11/9/2023 19:10	54505 ENOL_T2	1	1	0	1.1	1.1	0	0	0	0	0	0	0	0	0
11/9/2023 19:10	46203 DANV_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/9/2023 19:11	54701 NEBL_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/9/2023 19:11	58401 MORO_T1	0	0	0	0	0	0	-1.94	-2	2	2	0	1200	1200	0
11/9/2023 19:11	41901 REED_T1	10	10	0	0.48	0.37	-0.11	0	0	0	0	0	0	0	0
11/9/2023 19:11	54503 ENOL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/9/2023 19:11	42901 MIDD_T2	95	162	67	0.23	0.29	0.06	0	0	0	0	0	0	0	0
11/9/2023 19:11	55101 WERT_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/9/2023 19:11	48901 FOSP_T2	0	0	0	0	0	0	0.22	0.21	0	0	0	0	0	0
11/9/2023 19:11	44203 POIN_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/9/2023 19:11	52501 PROG_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/9/2023 19:12	41801 GOCI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/9/2023 19:12	46203 DANV_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/9/2023 19:12	42903 MIDD_T2	2	2	0	2.3	2.55	0.25	0	0	0	0	0	0	0	0
11/9/2023 19:12	54502 ENOL_T2	0	0	0	0	0	0	-1.36	-1.38	0	0	0	0	0	0
11/9/2023 19:12	53902 HALI_T2	0	0	0	0	0	0	-0.91	-0.9	0	0	0	0	0	0
11/9/2023 19:12	54502 ENOL_T2	0	0	0	0	0	0	-1.36	-1.38	0	0	0	0	0	0
11/9/2023 19:12	56501 ROCK_T2	5	13	8	0.14	0.14	0	-0.2	-0.21	0	0	0	0	0	0
11/9/2023 19:12	56802 BENV_T2	409	259	-150	0.44	0.37	-0.07	-1.44	-1.45	0	0	0	0	0	0
11/9/2023 19:12	53501 EVIL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/9/2023 19:12	57403 SPAN_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/9/2023 19:12	45402 WILO_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/9/2023 19:12	49803 UNIV_T1	0	0	0	0	0	0	-1.22	-1.2	0	0	0	0	0	0
11/9/2023 19:13	40101 HUNT_T2	0	1	1	0	0.2	0.2	-0.42	-0.42	0	0	0	0	0	0
11/9/2023 19:13	53903 HALI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/9/2023 19:15	52404 GRPA_T2	1	1	0	0.9	0.7	-0.2	0	0	0	0	0	0	0	0
11/9/2023 19:16	43402 BENT_T1	0	0	0	0	0	0	-1.52	-1.52	2	2	0	1500	1500	0
11/9/2023 19:17	57401 SPAN_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/9/2023 19:29	43402 BENT_T1	0	0	0	0	0	0	-1.52	-1.53	2	2	0	1500	1500	0
11/9/2023 20:16	43402 BENT_T1	0	0	0	0	0	0	-0.91	-0.92	2	1	-1	1500	900	-600
11/9/2023 20:29	43402 BENT_T1	0	0	0	0	0	0	-0.92	-0.91	1	1	0	900	900	0
11/9/2023 20:58	47101 MARL_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/9/2023 21:16	43402 BENT_T1	0	0	0	0	0	0	-1.54	-0.92	2	1	-1	1500	900	-600
11/9/2023 21:22	54502 ENOL_T2	1	1	0	0.7	0.7	0	0	0	0	0	0	0	0	0
11/9/2023 21:29	43402 BENT_T1	0	0	0	0	0	0	-0.92	-1.52	1	1	0	900	900	0
11/9/2023 22:16	43402 BENT_T1	0	0	0	0	0	0	-0.93	-0.96	1	1	0	900	900	0
11/10/2023 0:28	46001 BERW_T1	0	0	0	0	0	0	1.47	1.44	0	0	0	0	0	0
11/10/2023 0:28	57403 SPAN_T1	6	1	-5	0.15	0.1	-0.05	-0.16	-0.14	0	0	0	0	0	0
11/10/2023 0:28	42903 MIDD_T2	2	4	2	2.45	1.35	-1.1	0	0	0	0	0	0	0	0
11/10/2023 0:28	55002 NEWP_T1	4	4	0	0.45	0.43	-0.02	-0.6	-0.6	0	0	0	0	0	0
11/10/2023 0:28	54501 ENOL_T2	0	2	2	0	0.1	0.1	-0.61	-0.61	1	1	0	600	600	0
11/10/2023 0:28	67204 TEHI_T2	0	0	0	0	0	0	-0.34	-0.33	0	0	0	0	0	0
11/10/2023 0:28	58401 MORO_T1	0	0	0	0	0	0	-3.42	-3.54	3	3	0	1800	1800	0
11/10/2023 0:28	54503 ENOL_T2	0	0	0	0	0	0	-1.16	-1.18	1	1	0	600	600	0
11/10/2023 0:28	58401 MORO_T1	0	0	0	0	0	0	-3.42	-3.54	3	3	0	1800	1800	0
11/10/2023 0:28	45702 LIND_T2	1	1	0	0.6	0.8	0.2	-0.43	-0.43	0	0	0	0	0	0
11/10/2023 0:28	43001 ALWD_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/10/2023 0:28	13702 SCHN_T1	0	0	0	0	0	0	0.48	0.48	0	0	0	0	0	0
11/10/2023 0:28	52403 GRPA_T2	0	0	0	0	0	0	-0.07	-0.06	0	0	0	0	0	0
11/10/2023 0:28	29402 BELT_T1	1	1	0	7.2	7.2	0	0	0	0	0	0	0	0	0
11/10/2023 0:28	20403 ASHF_T2	0	0	0	0	0	0	0.01	0.02	0	0	0	0	0	0
11/10/2023 0:28	44601 SALE_T2	0	0	0	0	0	0	-0.18	-0.2	0	0	0	0	0	0
11/10/2023 0:28	55101 WERT_T1	0	0	0	0	0	0	-1.65	-1.62	2	2	0	1500	1500	0
11/10/2023 0:28	66505 SMAN_T2	0	0	0	0	0	0	0	0	2	2	0	1800	1800	0
11/10/2023 0:28	42801 SELI_T1	1	1	0	0	0	0	0	0	0	0	0	0	0	0
11/10/2023 0:28	42201 SHEN_T2	0	0	0	0	0	0	1.05	0.96	0	0	0	0	0	0
11/10/2023 0:28	45501 DERR_T2	1	1	0	0.4	0.2	-0.2	0.03	0.17	2	2	0	1800	1800	0
11/10/2023 0:28	45003 LIME_2	1	2	1	4.9	2.55	-2.35	0	0	1	1	0	1200	1200	0
11/10/2023 0:28	61801 EEU_T2	2	2	0	0.75	0.75	0	-0.84	-0.9	0	0	0	0	0	0
11/10/2023 0:28	52004 LING_T2	0	1	1	0	0	0	0.08	0.04	0	0	0	0	0	0
11/10/2023 0:28	44203 POIN_T2	0	0	0	0	0	0	0.05	-0.03	1	1	0	900	900	0
11/10/2023 0:28	13704 SCHN_T2	0	0	0	0	0	0	-1.38	-1.41	0	0	0	0	0	0
11/10/2023 0:28	56801 BENV_T1	14	18	4	0.39	0.42	0.03	-0.91	-0.91	1	1	0	600	600	0
11/10/2023 0:28	54505 ENOL_T2	1	1	0	0.4	0.5	0.1	-1.42	-1.4	1	1	0	600	600	0
11/10/2023 0:28	45302 WBER_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/10/2023 0:28	13901 SEID_T1	0	0	0	0	0	0	0.11	0.12	0	0	0	0	0	0
11/10/2023 0:28	64801 MONE_T2	0	0	0	0	0	0	0.14	0.15	0	0	0	0	0	0
11/10/2023 0:28	60502 NMAN_T2	0	0	0	0	0	0	-0.73	-0.73	0	0	0	0	0	0
11/10/2023 0:28	40101 HUNT_T2	0	0	0	0	0	0	-0.63	-0.64	0	0	0	0	0	0
11/10/2023 0:28	10801 CHHI_T1	3	0	-3	0.1	0	-0.1	-1.09	-1.08	1	1	0	900	900	0
11/10/2023 0:28	45302 WBER_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/10/2023 0:28	66703 STRA_T1	5	10	5	0.32	0.32	0	-0.47	-0.47	0	0	0	0	0	0
11/10/2023 0:28	67203 TEHI_T1	0	0	0	0	0	0	2.06	2	2	2	0	1500	1500	0
11/10/2023 0:28	67503 WEWI_T2	0	0	0	0	0	0	-1.25	-1.22	0	0	0	0	0	0
11/10/2023 0:28	54001 SDLE_T1	1	1	0	0.6	0.6	0	0	0	2	2	0	1200	1200	0
11/10/2023 0:28	29402 BELT_T1	1	1	0	7.2	7.2	0	0	0	0	0	0	0	0	0
11/10/2023 0:28	54503 ENOL_T2	0	0	0	0	0	0	-1.16	-1.18	1	1	0	600	600	0
11/10/2023 0:28	41902 REED_T1	1	0	-1	0.1	0	-0.1	0.72	0.71	0	0	0	0	0	0
11/10/2023 0:28	49804 UNIV_T1	0	1	1	0	0.1	0.1	0	0	0	0	0	0	0	0
11/10/2023 0:28	65604 QVIL_T2	0	0	0	0	0	0	0.3	0.32	0	0	0	0	0	0
11/10/2023 0:28	44301 BEAV_T2	3	3	0	0.87	0.67	-0.2	-0.15	-0.22	1	1	0	600	600	0
11/10/2023 0:28	45802 HEGI_T2	0	0	0	0	0	0	0.28	0.33	0	0	0	0	0	0
11/10/2023 0:28	53903 HALI_T2	2	2	0	1	1	0	-0.14	-0.2	0	0	0	0	0	0
11/10/2023 0:28	57403 SPAN_T1	6	1	-5	0.15	0.1	-0.05	-0.16	-0.14	0	0	0	0	0	0
11/10/2023 0:28	65701 RVIL_T1	0	0	0	0	0	0	-5.57	-5.62	0	0	0	0	0	0
11/10/2023 0:28	42701 AUGU_T1	0	0	0	0	0	0	0	0	5	5	0	3000	3000	0
11/10/2023 0:28	64801 MONE_T2	0	0	0	0	0	0	0.14	0.15	0	0	0	0	0	0
11/10/2023 0:28	10705 CATA_T2	0	0	0	0	0	0	-2.24	-2.3	2	2	0	1800	1800	0
11/10/2023 0:28	43304 WATS_T2	0	0	0	0	0	0	-2.49	-2.79	0	0	0	0	0	0
11/10/2023 0:28	56802 BENV_T2	1	1	0	0.5	0.3	-0.2	-12.24	-11.92	0	0	0	0	0	0
11/10/2023 0:28	56501 ROCK_T2	6	11	5	0.27	0.39	0.12	0	0	0	0	0	0	0	0
11/10/2023 0:28

11/10/2023 8:09	43402 BENT_T1	2	0	-2	0.8	0	-0.8	-0.93	-0.93	1	1	0	900	900	0
11/10/2023 8:09	45501 DERR_T2	0	0	0	0	0	0	0.21	0.17	2	2	0	1800	1800	0
11/10/2023 8:19	54701 NEBL_T1	0	2	2	0	0.15	0.15	0	0	1	1	0	600	600	0
11/10/2023 8:22	45901 AUBU_T1	0	0	0	0	0	0	0.6	1.86	0	0	0	0	0	0
11/10/2023 8:29	43402 BENT_T1	0	0	0	0	0	0	-0.95	-0.95	1	1	0	900	900	0
11/10/2023 8:35	49803 UNIV_T1	0	0	0	0	0	0	-1.07	-1.1	0	0	0	0	0	0
11/10/2023 8:36	13901 SEID_T1	0	0	0	0	0	0	0.2	0.19	0	0	0	0	0	0
11/10/2023 8:40	53601 DALM_T2	1	2	1	0.4	3.7	3.3	0	0.1	1	1	0	900	900	0
11/10/2023 8:45	58402 MORO_T1	0	0	0	0	0	0	-1.92	-1.92	3	3	0	2400	2400	0
11/10/2023 8:47	58402 MORO_T1	0	0	0	0	0	0	-1.92	-1.92	3	3	0	2400	2400	0
11/10/2023 8:51	55002 NEWP_T1	5	6	1	1.08	0.82	-0.26	-0.24	-0.22	0	0	0	0	0	0
11/10/2023 8:56	54505 ENOL_T2	1	1	0	0.6	0.8	0.2	0	0	0	0	0	0	0	0
11/10/2023 8:57	54504 ENOL_T2	0	1	1	0	0	0	0	0	0	0	0	0	0	0
11/10/2023 8:59	58401 MORO_T1	0	1	1	0	0	0	0	0	0	0	0	0	0	0
11/10/2023 9:00	52503 PROG_T2	0	0	0	0	0	0	-0.72	-0.72	1	1	0	900	900	0
11/10/2023 9:00	53903 HALI_T2	2	2	0	0.9	0.6	-0.3	-0.2	-0.2	0	0	0	0	0	0
11/10/2023 9:00	64802 MONE_T2	0	0	0	0	0	0	0.27	0.28	0	0	0	0	0	0
11/10/2023 9:00	43402 BENT_T1	0	0	0	0	0	0	-0.94	-0.94	1	1	0	900	900	0
11/10/2023 9:00	67502 WEWI_T2	0	0	0	0	0	0	-0.31	-0.26	0	0	0	0	0	0
11/10/2023 9:00	56802 BENV_T2	205	137	-68	0.27	0.27	0	-1.45	-1.45	0	0	0	0	0	0
11/10/2023 9:11	45501 DERR_T2	0	0	0	0	0	0	0.28	0.27	2	2	0	1800	1800	0
11/10/2023 9:12	45501 DERR_T2	0	0	0	0	0	0	0.28	0.27	2	2	0	1800	1800	0
11/10/2023 9:16	54701 NEBL_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/10/2023 9:16	46801 HEPB_T2	2	0	-2	0.2	0	-0.2	0.61	0.66	0	0	0	0	0	0
11/10/2023 9:16	55002 NEWP_T1	4	5	1	0.7	0.58	-0.12	-0.2	-0.23	0	0	0	0	0	0
11/10/2023 9:17	54701 NEBL_T1	2	1	-1	0.1	0.1	0	0	0	1	1	0	600	600	0
11/10/2023 9:18	13901 SEID_T1	0	0	0	0	0	0	0.17	0.18	0	0	0	0	0	0
11/10/2023 9:22	56802 BENV_T2	136	186	50	0.27	0.37	0.1	-1.45	-1.46	0	0	0	0	0	0
11/10/2023 9:22	53601 DALM_T2	1	2	1	0.8	1	0.2	0.03	0.05	1	1	0	900	900	0
11/10/2023 9:22	29402 BELT_T1	1	1	0	6.4	6.9	0.5	0	0	0	0	0	0	0	0
11/10/2023 9:22	43402 BENT_T1	0	0	0	0	0	0	-0.94	-0.94	1	1	0	900	900	0
11/10/2023 9:23	43001 ALWD_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/10/2023 9:23	56802 BENV_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/10/2023 9:24	43001 ALWD_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/10/2023 9:24	56802 BENV_T2	136	186	50	0.27	0.37	0.1	-1.45	-1.46	0	0	0	0	0	0
11/10/2023 9:24	43402 BENT_T1	0	0	0	0	0	0	-0.94	-0.94	1	1	0	900	900	0
11/10/2023 9:25	56802 BENV_T2	136	186	50	0.27	0.37	0.1	-1.45	-1.46	0	0	0	0	0	0
11/10/2023 9:26	56802 BENV_T2	136	186	50	0.27	0.37	0.1	-1.46	-1.47	0	0	0	0	0	0
11/10/2023 9:26	28604 BLYT_T2	0	0	0	0	0	0	-1.38	-1.39	0	0	0	0	0	0
11/10/2023 9:33	42002 MNVL_T2	1	1	0	4.5	4.2	-0.3	0	0	0	0	0	0	0	0
11/10/2023 9:35	49803 UNIV_T1	0	0	0	0	0	0	-1.15	-1.1	0	0	0	0	0	0
11/10/2023 9:37	59202 THOM_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/10/2023 9:38	67503 WEWI_T2	0	0	0	0	0	0	-0.26	-0.29	0	0	0	0	0	0
11/10/2023 9:39	56802 BENV_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/10/2023 9:40	54502 ENOL_T2	1	1	0	0.2	0.9	0.7	-2.07	-2.02	1	1	0	600	600	0
11/10/2023 9:42	54505 ENOL_T2	1	1	0	0.5	1.1	0.6	0	0	0	0	0	0	0	0
11/10/2023 9:43	45003 LIME_2	1	1	0	3.2	3.7	0.5	0	0	1	1	0	1200	1200	0
11/10/2023 9:44	58402 MORO_T1	0	0	0	0	0	0	-1.98	-1.96	3	3	0	2400	2400	0
11/10/2023 9:44	45003 LIME_2	1	1	0	3.2	3.7	0.5	0	0	1	1	0	1200	1200	0
11/10/2023 9:44	11804 FRAN_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/10/2023 9:44	45802 HEGI_T2	0	0	0	0	0	0	0.24	0.35	0	0	0	0	0	0
11/10/2023 9:45	45001 LIME_2	0	17	17	0	0.16	0.16	0	0	0	0	0	0	0	0
11/10/2023 9:46	45802 HEGI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/10/2023 9:46	40101 HUNT_T2	29	147	118	0.39	0.36	-0.03	-0.07	-0.06	0	0	0	0	0	0
11/10/2023 9:47	64101 REFR_T1	0	0	0	0	0	0	-0.46	-0.43	0	0	0	0	0	0
11/10/2023 9:47	58401 MORO_T1	0	0	0	0	0	0	-0.9	-0.89	1	1	0	600	600	0
11/10/2023 9:48	56501 ROCK_T2	10	29	19	0.38	0.21	-0.17	-1.76	-1.68	0	0	0	0	0	0
11/10/2023 9:48	58402 MORO_T1	0	4	4	0	0.13	0.13	-1.98	-1.96	3	3	0	2400	2400	0
11/10/2023 9:48	58402 MORO_T1	0	4	4	0	0.13	0.13	-1.98	-1.96	3	3	0	2400	2400	0
11/10/2023 9:49	66502 SMAN_T2	0	0	0	0	0	0	0	0	1	1	0	900	900	0
11/10/2023 9:49	60501 NMAN_T2	3	3	0	4.57	5.03	0.46	0	0	0	0	0	0	0	0
11/10/2023 9:49	64101 REFR_T1	0	0	0	0	0	0	-0.15	-0.14	0	0	0	0	0	0
11/10/2023 9:51	64101 REFR_T1	0	0	0	0	0	0	-0.31	-0.29	0	0	0	0	0	0
11/10/2023 9:52	52403 GRPA_T2	0	0	0	0	0	0	-0.01	0.02	0	0	0	0	0	0
11/10/2023 9:52	57403 SPAN_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/10/2023 9:52	66502 SMAN_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/10/2023 9:53	46203 DANV_T2	0	0	0	0	0	0	-1.43	-1.42	0	0	0	0	0	0
11/10/2023 9:53	41901 REED_T1	2	2	0	0.2	0.25	0.05	-1.43	-1.35	1	1	0	900	900	0
11/10/2023 9:54	46206 DANV_T2	0	1	1	0	0	0	0	0	0	0	0	0	0	0
11/10/2023 9:55	29402 BELT_T1	1	1	0	6.9	6.9	0	0	0	0	0	0	0	0	0
11/10/2023 9:57	46203 DANV_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/10/2023 9:58	54501 ENOL_T2	2	4	2	0.1	0.3	0.2	0	0	0	0	0	0	0	0
11/10/2023 9:59	22901 HARW_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/10/2023 10:01	43201 MVIL_T2	0	0	0	0	0	0	-1.32	-1.29	0	0	0	0	0	0
11/10/2023 10:02	55002 NEWP_T1	4	4	0	0.68	0.7	0.02	-0.22	-0.21	0	0	0	0	0	0
11/10/2023 10:02	58402 MORO_T1	0	4	4	0	0.13	0.13	-1.96	-2.02	3	3	0	2400	2400	0
11/10/2023 10:04	55002 NEWP_T1	4	4	0	0.68	0.7	0.02	-0.22	-0.21	0	0	0	0	0	0
11/10/2023 10:05	45302 WBER_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/10/2023 10:05	57403 SPAN_T1	160	137	-23	0.4	0.27	-0.13	0	0	0	0	0	0	0	0
11/10/2023 10:05	43301 WATS_T2	1	2	1	0.2	0.1	-0.1	0	0	0	0	0	0	0	0
11/10/2023 10:05	55002 NEWP_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/10/2023 10:06	45303 WBER_T2	1	0	-1	0.2	0	-0.2	0	0	0	0	0	0	0	0
11/10/2023 10:06	57403 SPAN_T1	160	137	-23	0.4	0.27	-0.13	0	0	0	0	0	0	0	0
11/10/2023 10:06	66504 SMAN_T2	0	0	0	0	0	0	-0.43	-0.41	0	0	0	0	0	0
11/10/2023 10:06	20403 ASHF_T2	0	0	0	0	0	0	0.87	1.22	0	0	0	0	0	0
11/10/2023 10:07	46203 DANV_T2	0	0	0	0	0	0	-1.42	-1.4	0	0	0	0	0	0
11/10/2023 10:07	56802 BENV_T2	45	30	-15	0.17	0.17	0	-2.96	-3.02	0	0	0	0	0	0
11/10/2023 10:07	57401 SPAN_T1	9	59	50	0.34	0.23	-0.11	-1.11	-1.1	1	1	0	600	600	0
11/10/2023 10:08	15001 BLMO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/10/2023 10:08	57401 SPAN_T1	9	59	50	0.34	0.23	-0.11	-1.11	-1.1	1	1	0	600	600	0
11/10/2023 10:08	66505 SMAN_T2	0	0	0	0	0	0	0	0	2	2	0	1100	1100	0
11/10/2023 10:08	41902 REED_T1	0	0	0	0	0	0	0.91	0.92	0	0	0	0	0	0
11/10/2023 10:08	56802 BENV_T2	45	30	-15	0.17	0.17	0	-1.48	-1.51	0	0	0	0	0	0
11/10/2023 10:08	43301 WATS_T2	1	2	1	0.2	0.1	-0.1	0	0	0	0	0	0	0	0
11/10/2023 10:09	41901 REED_T1	2	2	0	0.15	0.25	0.1	0	0	0	0	0	0	0	0
11/10/2023 10:09	10801 CHHI_T1	0	0	0	0	0	0	-1.35	-1.45	2	2	0	1500	1500	0
11/10/2023 10:10	57401 SPAN_T1	9	59	50	0.34	0.23	-0.11	-1.11	-1.1	1	1	0	600	600	0
11/10/2023 10:10	54501 ENOL_T2	2	4	2	0.2	0.3	0.1	-0.55	-0.53	1	1	0	600	600	0
11/10/2023 10:10	20403 ASHF_T2	0	0	0	0	0	0	0.87	1.22	0	0	0	0	0	0
11/10/2023 10:10	56802 BENV_T2	45	30	-15	0.17	0.17	0	-1.48	-1.51	0	0	0	0	0	0
11/10/2023 10:11	54501 ENOL_T2	2	4	2	0.2	0.3	0.1	-0.53	-0.56	1	1	0	600	600	0
11/10/2023 10:11	15001 BLMO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/10/2023 10:13	52401 GRPA_T2	0	1	1	0	0	0	0	0	0	0	0	0	0	0
11/10/2023 10:13	28403 HART_T2	0	0	0	0	0	0	-0.79	-0.77	1	1	0	900	900	0
11/10/2023 10:13	52401 GRPA_T2	0	1	1	0	0	0	0	0	0	0	0	0	0	0
11/10/2023 10:13	54505 ENOL_T2	1	1	0	1.1	1.3	0.2	0	0	0	0	0	0	0	0
11/10/2023 10:13	40101 HUNT_T2	73	142	69	0.39	0.34	-0.05	-0.06	-0.05	0	0	0	0	0	0
11/10/2023 10:14	58401 MORO_T1	0	0	0	0	0	0	-0.86	-0.87	1	1	0	600	600	0
11/10/2023 10:15	26401 INOR_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/10/2023 10:15	54505 ENOL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/10/2023 10:15	65001 NEFF_T2	0	0	0	0	0	0	-0.68	-0.65	1	1	0	1200	1200	0
11/10/2023 10:15	58402 MORO_T1	4	1	-3	0.13	0.1	-0.03	0	0	0	0	0	0	0	0
11/10/2023 10:16	40101 HUNT_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/10/2023 10:16	52402 GRPA_T2	1	3	2	3.5	1.3	-2.2	0	0	0	0	0	0	0	0
11/10/2023 10:18	54204 PENN_T2	3	2	-1	0.2	0.15	-0.05	0	0	0	0	0	0	0	0
11/10/2023 10:18	57401 SPAN_T1	58	40	-18	0.24	0.24	0	-1.1	-1.12	1	1	0	600	600	0
11/10/2023 10:18	64801 MONE_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/10/2023 10:18	58402 MORO_T1	4	1	-3	0.13	0.1	-0.03	0	0	0	0	0	0	0	0
11/10/2023 10:19	58402 MORO_T1	4	1	-3	0.13	0.1	-0.03	0	0	0	0	0	0	0	0
11/10/2023 10:19	54202 PENN_T2	2	0	-2	0.1	0	-0.1	0	0	0	0	0	0	0	0
11/10/2023 10:19	55002 NEWP_T1	4	4	0	0.7	0.65	-0.05	-0.21	-0.22	0	0	0	0	0	0
11/10/2023 10:20	46302 ROHR_T1	2	3	1	0.9	0.13	-0.77	-0.43	0.17	0	0	0	0	0	0
11/10/2023 10:20	66505 SMAN_T2	0	0	0	0	0	0	0	0	2	2	0	1100	1100	0
11/10/2023 10:21	47101 MARL_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/10/2023 10:21	46302 ROHR_T1	2	3	1	0.9	0.13	-0.77	-0.43	0.17	0	0	0	0	0	0
11/10/2023 10:21	57401 SPAN_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/10/2023 10:21	56501 ROCK_T2	29	14	-15	0.21	0.32	0.11	-1.71	-1.71	0	0	0	0	0	0
11/10/2023 10:21	67503 WEWI_T2	0	0	0	0	0	0	-0.28	-0.26	0	0	0	0	0	0
11/10/2023 10:22	56504 ROCK_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/10/2023 10:22	42701 AUGU_T1	0	1	1	0	0.1	0.1	0	0	2	2	0	1800	1800	0
11/10/2023 10:22	56801 BENV_T1	18	13	-5	0.4	0.42	0.02	-0.78	-0.77	1	1	0	600	600	0
11/10/2023 10:22	43402 BENT_T1	0	0	0	0	0	0	-0.92	-0.94	1	1	0	900	900	0
11/10/2023 10:23	47101 MARL_T1	0	0	0	0	0	0	-1.89	-1.85	1	1	0	600	600	0
11/10/2023 10:23	57403 SPAN_T1	136	45	-91	0.27	0.24	-0.03	0	0	0	0	0	0	0	0
11/10/2023 10:24	67502 WEWI_T2	0	0	0	0	0	0	-0.28	-0.3	0	0	0	0	0	0
11/10/2023 10:24	47101 MARL_T1	0	0	0	0	0	0	-7.56	-7.4	4	4	0	2400	2400	0
11/10/2023 10:25	54505 ENOL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/10/2023 10:25	67502 WEWI_T2	0	0	0	0	0	0	-0.28	-0.3	0	0	0	0	0	0
11/10/2023 10:25	47101 MARL_T1	0	0	0	0	0	0	-1.89	-1.85	1	1	0	600	600	0
11/10/2023 10:25	42701 AUGU_T1	0	1	1	0	0.1	0.1	0	0	2	2	0	1800	1800	0
11/10/2023 10:26	54502 ENOL_T2	1	1	0	1.1	0.8	-0.3	0	0	0	0	0	0	0	0
11/10/2023 10:26	56801 BENV_T1	18	13	-5	0.4	0.42	0.02	-0.77	-0.78	1	1	0	600	600	0
11/10/2023 10:26	52403 GRPA_T2	0	0	0	0	0	0	0.01	0.02	0	0	0	0	0	0
11/10/2023 10:29	43402 BENT_T1	0	0	0	0	0	0	-0.94	-0.95	1	1	0	900	900	0
11/10/2023 10:29	62604 ENGL_T1	0	0	0	0	0	0	0	0	1	1	0	600	600	0
11/10/2023 10:30	55002 NEWP_T1	4	4	0	0.65	0.58	-0.07	-0.22	-0.23	0	0	0	0	0	0
11/10/2023 10:30	40101 HUNT_T2	24	23	-1	0.34	0.31	-0.03	-0.05	-0.11	0	0	0	0	0	0
11/10/2023 10:31	52403 GRPA_T2	0	0	0	0	0	0	0.01	0.02	0	0	0	0	0	0
11/10/2023 10:31	62604 ENGL_T1	0	0	0	0	0	0	0	0	1	1	0	600	600	0
11/10/2023 10:32	62604 ENGL_T1	0	0	0	0	0	0	0	0	1	1	0	600	600	0
11/10/2023 10:32	12202 FOGE_T2	0	0	0	0	0	0	0	0	1	1	0	600	600	0
11/10/2023 10:35	44904 SCOT_T1	0	0	0	0	0	0	0.26	0.25	0	0	0	0	0	0
11/10/2023 10:36	67502 WEWI_T2	0	0	0	0	0	0	-0.3	-0.33	0	0	0	0	0	0
11/10/2023 10:36	62604 ENGL_T1	0	0	0	0	0	0	0	0	1	1	0	600	600	0
11/10/2023 10:37	45302 WBER_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/10/2023 10:39	67502 WEWI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/10/2023 10:39	45402 WBLO_T2	1	1	0	0.4	0.3	-0.1	0	0	0	0	0	0	0	0
11/10/2023 10:40	67502 WEWI_T2	0	0	0	0	0	0	-0.3	-0.33	0	0	0	0	0	0
11/10/2023 10:41	15001 BLMO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/10/2023 10:42	41801 GOCI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/10/2023 10:42	46203 DANV_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/10/2023 10:42	45802 HEGI_T2	1	2	1	0.4	0.7	0.3	0.57	0.6	0	0	0	0	0	0
11/10/2023 10:43	41801 GOCI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/10/2023 10:44	45802 HEGI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/10/2023 10:46	40101 HUNT_T2	14	27	13	0.38	0.26	-0.12	-0.11	-0.11	0	0	0	0	0	0
11/10/2023 10:46	55002 NEWP_T1	4	4	0	0.55	0.53	-0.02	-0.23	-0.21	0	0	0	0	0	0
11/10/2023 10:46	26401 INOR_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/10/2023 10:52	66703 STRA_T1	0	0	0	0	0	0	-0.03	-0.01	0	0	0	0	0	0
11/10/2023 10:53	67503 WEWI_T2	0	0	0	0	0	0	-0.26	-0.28	0	0	0	0	0	0
11/10/2023 10:55	22101 EDEL_T2	0	0	0	0	0	0	0.43	0.43	1	1	0	1200	1200	0
11/10/2023 10:55	46204 BERW_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/10/2023 10:57	46206 DANV_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/10/2023 10:57	40101 HUNT_T2	14	27	13	0.38	0.26	-0.12	-0.11	-0.12	0	0	0	0	0	0
11/10/2023 10:58	28403 HART_T2	0	0	0	0	0	0	-0.8	-0.79	1	1	0	900	900	0
11/10/2023 10:58	40101 HUNT_T2	14	27	13	0.38	0.26	-0.12	-0.11	-0.12	0	0	0	0	0	0
11/10/2023 11:00	42903 MIDD_T2	2	2	0	0.2	0.65	0.45	0	0	0	0	0	0	0	0
11/10/2023 11:01	45702 LIND_T2	1	42	41	0.7	0.21	-0.49	-0.45	-0.43	0	0	0	0	0	0
11/10/2023 11:01	64801 MONE_T2	0	0	0	0	0	0	0.33	0.3	0	0	0	0	0	0
11/10/2023 11:02	55002 NEWP_T1	4	4	0	0.53	0.43	-0.1	-0.21	-0.22	0	0	0	0	0	0
11/10/2023 11:03	57403 SPAN_T1	17	72	55	0.2	0.27	0.07	0.07	0.04	0	0

11/10/2023 11:27	64301 LINC_T1	0	0	0	0	0	0	0.09	0.03	1	1	0	600	600	0
11/10/2023 11:28	57505 LAWN_T3	2	4	2	0.25	0.43	0.18	0	0	0	0	0	0	0	0
11/10/2023 11:29	57502 LAWN_T3	1	1	0	0.5	0.5	0	0	0	0	0	0	0	0	0
11/10/2023 11:29	43402 BENT_T1	0	1	1	0	0	0	-0.93	-0.93	1	1	0	900	900	0
11/10/2023 11:30	53903 HALI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/10/2023 11:31	46901 MNTG_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/10/2023 11:32	57502 LAWN_T3	1	1	0	0.5	0.5	0	0	0	0	0	0	0	0	0
11/10/2023 11:32	44904 SCOT_T1	0	0	0	0	0	0	0.25	0.26	0	0	0	0	0	0
11/10/2023 11:35	13901 SEID_T1	0	0	0	0	0	0	0.17	0.18	0	0	0	0	0	0
11/10/2023 11:36	42701 AUGU_T1	0	0	0	0	0	0	0	0	2	2	0	1800	1800	0
11/10/2023 11:36	45302 WBER_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/10/2023 11:37	15001 BLMO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/10/2023 11:37	53903 HALI_T2	2	2	0	0.8	0.8	0	-0.13	-0.12	0	0	0	0	0	0
11/10/2023 11:37	42701 AUGU_T1	0	0	0	0	0	0	0	0	4	4	0	3600	3600	0
11/10/2023 11:38	15001 BLMO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/10/2023 11:39	46203 DANV_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/10/2023 11:39	15001 BLMO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/10/2023 11:40	46203 DANV_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/10/2023 11:40	15001 BLMO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/10/2023 11:41	46003 BERW_T2	1	1	0	3	3.3	0.3	0	0	0	0	0	0	0	0
11/10/2023 11:41	53903 HALI_T2	2	2	0	0.8	0.8	0	-0.12	-0.07	0	0	0	0	0	0
11/10/2023 11:42	22101 EDEL_T2	0	0	0	0	0	0	0.44	0.43	1	1	0	1200	1200	0
11/10/2023 11:42	40101 HUNT_T2	19	47	28	0.24	0.39	0.15	-0.16	-0.16	0	0	0	0	0	0
11/10/2023 11:42	46203 DANV_T2	0	0	0	0	0	0	-2.84	-2.77	0	0	0	0	0	0
11/10/2023 11:44	22901 HARW_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/10/2023 11:45	40101 HUNT_T2	41	35	-6	0.39	0.42	0.03	-0.32	-0.32	0	0	0	0	0	0
11/10/2023 11:46	53903 HALI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/10/2023 11:47	42903 MIDD_T2	2	3	1	0.6	1.15	0.55	0	0	0	0	0	0	0	0
11/10/2023 11:48	44904 SCOT_T1	0	0	0	0	0	0	0.26	0.23	0	0	0	0	0	0
11/10/2023 11:48	42902 MIDD_T2	0	0	0	0	0	0	-0.23	-0.57	0	1	1	0	600	600
11/10/2023 11:48	62604 ENGL_T1	0	0	0	0	0	0	0	0	1	1	0	600	600	0
11/10/2023 11:49	45003 LIME_2	5	26	21	0.12	0.24	0.12	0	0	0	0	0	0	0	0
11/10/2023 11:50	13901 SEID_T1	0	0	0	0	0	0	0.18	0.16	0	0	0	0	0	0
11/10/2023 11:50	45003 LIME_2	1	1	0	4.1	3.8	-0.3	0	0	1	1	0	1200	1200	0
11/10/2023 11:50	62604 ENGL_T1	0	0	0	0	0	0	0	0	2	2	0	1200	1200	0
11/10/2023 11:51	43402 BENT_T1	0	0	0	0	0	0	-0.93	-0.94	1	1	0	900	900	0
11/10/2023 11:52	45302 WBER_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/10/2023 11:52	45003 LIME_2	1	1	0	4.1	3.8	-0.3	0	0	1	1	0	1200	1200	0
11/10/2023 11:53	43302 WATS_T2	0	1	-1	0	0.1	0.1	0	0	0	0	0	0	0	0
11/10/2023 11:53	13302 ORVI_T2	0	9	9	0	0.18	0.18	1.08	1.08	0	0	0	0	0	0
11/10/2023 11:54	43402 BENT_T1	0	0	0	0	0	0	-0.93	-0.94	1	1	0	900	900	0
11/10/2023 11:54	59101 WALK_T2	1	1	0	0	0	0	1.18	1.46	0	0	0	0	0	0
11/10/2023 11:55	43304 WATS_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/10/2023 11:55	59101 WALK_T2	1	1	0	0	0	0	1.18	1.46	0	0	0	0	0	0
11/10/2023 11:55	62604 ENGL_T1	0	0	0	0	0	0	0	0	1	1	0	600	600	0
11/10/2023 11:58	42903 MIDD_T2	0	0	0	0	0	0	-0.57	-0.53	1	1	0	600	600	0
11/10/2023 11:58	22101 EDEL_T2	0	1	1	0	0	0	0.43	0.42	1	1	0	1200	1200	0
11/10/2023 12:03	45002 LIME_2	1	0	-1	0.5	0	-0.5	0	0	0	0	0	0	0	0
11/10/2023 12:03	42903 MIDD_T2	2	3	1	0.85	1.25	0.4	0	0	0	0	0	0	0	0
11/10/2023 12:04	45002 LIME_2	1	0	-1	0.5	0	-0.5	0	0	0	0	0	0	0	0
11/10/2023 12:04	44904 SCOT_T1	0	0	0	0	0	0	0.23	0.26	0	0	0	0	0	0
11/10/2023 12:04	53903 HALI_T2	2	2	0	0.7	0.6	-0.1	-0.07	-0.12	0	0	0	0	0	0
11/10/2023 12:06	45001 LIME_2	26	17	-9	0.24	0.19	-0.05	0	0	0	0	0	0	0	0
11/10/2023 12:07	65003 NEFF_T2	3	4	1	0.13	0.15	0.02	0	0	0	0	0	0	0	0
11/10/2023 12:07	43402 BENT_T1	0	0	0	0	0	0	-0.94	-0.96	1	1	0	900	900	0
11/10/2023 12:07	13901 SEID_T1	0	0	0	0	0	0	0.16	0.18	0	0	0	0	0	0
11/10/2023 12:07	13302 ORVI_T2	0	9	9	0	0.18	0.18	1.08	1.14	0	0	0	0	0	0
11/10/2023 12:08	42903 MIDD_T2	2	3	1	0.85	1.25	0.4	0	0	0	0	0	0	0	0
11/10/2023 12:10	43402 BENT_T1	0	0	0	0	0	0	-0.94	-0.96	1	1	0	900	900	0
11/10/2023 12:13	42903 MIDD_T2	2	3	1	0.85	1.25	0.4	0	0	0	0	0	0	0	0
11/10/2023 12:13	40101 HUNT_T2	24	34	10	0.47	0.37	-0.1	-0.13	-0.21	0	0	0	0	0	0
11/10/2023 12:15	22901 HARW_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/10/2023 12:16	40101 HUNT_T2	34	23	-11	0.57	0.33	-0.24	-0.26	-0.42	0	0	0	0	0	0
11/10/2023 12:18	13302 ORVI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/10/2023 12:20	13302 ORVI_T2	9	0	-9	0.18	0	-0.18	1.14	1.03	0	0	0	0	0	0
11/10/2023 12:28	45001 LIME_2	8	17	9	0.13	0.19	0.06	0	0	0	0	0	0	0	0
11/10/2023 12:29	45002 LIME_2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/10/2023 12:29	43402 BENT_T1	0	0	0	0	0	0	-0.95	-0.95	1	1	0	900	900	0
11/10/2023 12:52	65003 NEFF_T2	0	1	1	0	0	0	0	0	0	0	0	0	0	0
11/10/2023 13:00	42002 MNVL_T2	1	1	0	3.9	4.6	0.7	0	0	0	0	0	0	0	0
11/10/2023 13:01	42902 MIDD_T2	0	0	0	0	0	0	-0.36	-0.2	1	1	0	600	600	0
11/10/2023 13:02	42001 MNVL_T2	1	0	-1	0.2	0	-0.2	0	0	0	0	0	0	0	0
11/10/2023 13:03	57303 MOAL_T2	1	1	0	7	6.6	-0.4	0	0	0	0	0	0	0	0
11/10/2023 13:03	13901 SEID_T1	0	0	0	0	0	0	0.16	0.17	0	0	0	0	0	0
11/10/2023 13:05	44901 SCOT_T2	0	0	0	0	0	0	-0.23	-0.16	0	0	0	0	0	0
11/10/2023 13:06	51201 MTON_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/10/2023 13:07	14403 SSLA_T1	0	0	0	0	0	0	1.58	1.7	0	0	0	0	0	0
11/10/2023 13:07	67204 TEHI_T2	0	0	0	0	0	0	-0.09	-0.07	0	0	0	0	0	0
11/10/2023 13:07	59102 WALK_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/10/2023 13:07	67203 TEHI_T1	0	0	0	0	0	0	2.26	2.32	2	2	0	1200	1200	0
11/10/2023 13:08	44901 SCOT_T2	0	0	0	0	0	0	-0.23	-0.16	0	0	0	0	0	0
11/10/2023 13:08	59101 WALK_T2	1	1	0	0	0	0	3.09	2.66	0	0	0	0	0	0
11/10/2023 13:09	67204 TEHI_T2	0	0	0	0	0	0	-0.09	-0.07	0	0	0	0	0	0
11/10/2023 13:10	43402 BENT_T1	0	0	0	0	0	0	-0.92	-0.92	1	1	0	900	900	0
11/10/2023 13:20	13901 SEID_T1	0	0	0	0	0	0	0.17	0.18	0	0	0	0	0	0
11/10/2023 13:22	14403 SSLA_T1	0	0	0	0	0	0	1.7	1.64	0	0	0	0	0	0
11/10/2023 13:23	10504 CRAC_T1	0	0	0	0	0	0	1.09	-0.2	0	0	0	0	0	0
11/10/2023 13:29	43402 BENT_T1	0	0	0	0	0	0	-0.92	-0.91	1	1	0	900	900	0
11/10/2023 13:30	43402 BENT_T1	0	0	0	0	0	0	-0.92	-0.91	1	1	0	900	900	0
11/10/2023 13:35	42201 SHEN_T2	0	0	0	0	0	0	-0.02	0.02	1	1	0	600	600	0
11/10/2023 13:46	47403 PENS_T1	1	2	1	2.4	1.4	-1	0	0	0	0	0	0	0	0
11/10/2023 13:46	59003 MIFF_T1	0	0	0	0	0	0	-0.29	0.34	0	0	0	0	0	0
11/10/2023 13:47	59003 MIFF_T1	0	0	0	0	0	0	-0.29	0.34	0	0	0	0	0	0
11/10/2023 13:48	59003 MIFF_T1	0	0	0	0	0	0	-0.29	0.34	0	0	0	0	0	0
11/10/2023 13:48	51201 MTON_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/10/2023 13:49	59003 MIFF_T1	0	0	0	0	0	0	-0.29	0.34	0	0	0	0	0	0
11/10/2023 13:50	43301 WATS_T2	1	2	1	0.6	0.6	0	0	0	0	0	0	0	0	0
11/10/2023 13:50	47403 PENS_T1	1	2	1	2.4	1.4	-1	0	0	0	0	0	0	0	0
11/10/2023 13:51	43304 WATS_T2	0	0	0	0	0	0	-0.14	-0.19	0	0	0	0	0	0
11/10/2023 13:51	43302 WATS_T2	0	4	4	0	0.48	0.48	0	0	0	0	0	0	0	0
11/10/2023 13:53	46203 DANV_T2	0	2	2	0	0.7	0.7	-1.48	-1.48	0	0	0	0	0	0
11/10/2023 13:54	43302 WATS_T2	0	4	4	0	0.48	0.48	0	0	0	0	0	0	0	0
11/10/2023 13:54	46203 DANV_T2	0	2	2	0	0.7	0.7	-1.48	-1.48	0	0	0	0	0	0
11/10/2023 13:55	43302 WATS_T2	0	4	4	0	0.48	0.48	0	0	0	0	0	0	0	0
11/10/2023 13:55	43304 WATS_T2	0	0	0	0	0	0	-0.14	-0.19	0	0	0	0	0	0
11/10/2023 13:55	46203 DANV_T2	0	2	2	0	0.7	0.7	0	0	0	0	0	0	0	0
11/10/2023 13:55	10504 CRAC_T1	0	0	0	0	0	0	-1.61	-0.62	0	0	0	0	0	0
11/10/2023 13:55	40201 BEGA_T2	1	2	1	0	0.6	0.6	0	0	0	0	0	0	0	0
11/10/2023 13:56	53901 HALI_T2	1	3	2	0.1	0.27	0.17	0	0	0	0	0	0	0	0
11/10/2023 13:57	53903 HALI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/10/2023 13:57	46203 DANV_T2	0	2	2	0	0.7	0.7	0	0	0	0	0	0	0	0
11/10/2023 13:57	40201 BEGA_T2	1	2	1	0	0.6	0.6	0	0	0	0	0	0	0	0
11/10/2023 13:59	64301 LINC_T1	0	0	0	0	0	0	-0.04	-0.08	1	1	0	600	600	0
11/10/2023 13:59	42901 MIDD_T2	0	1	1	0	0.2	0.2	0	0	0	0	0	0	0	0
11/10/2023 13:59	53903 HALI_T2	2	2	0	1.05	1.3	0.25	-0.13	-0.08	0	0	0	0	0	0
11/10/2023 14:01	53903 HALI_T2	2	3	1	1.3	0.97	-0.33	0	0	0	0	0	0	0	0
11/10/2023 14:01	42903 MIDD_T2	2	2	0	1.4	2.1	0.7	0	0	0	0	0	0	0	0
11/10/2023 14:03	67001 STHI_T2	50	162	112	0.12	0.13	0.01	0	0	0	0	0	0	0	0
11/10/2023 14:04	65004 NEFF_T2	0	0	0	0	0	0	-0.48	-0.48	0	0	0	0	0	0
11/10/2023 14:04	67002 STHI_T2	0	2	2	0	0.1	0.1	0.61	0.62	0	0	0	0	0	0
11/10/2023 14:05	67001 STHI_T2	50	162	112	0.12	0.13	0.01	0	0	0	0	0	0	0	0
11/10/2023 14:05	58003 WCAR_T1	1	1	0	0.6	0.8	0.2	0.04	0.05	1	1	0	600	600	0
11/10/2023 14:05	66901 SHIL_T2	95	197	102	0.15	0.19	0.04	-1.66	-1.65	1	1	0	1200	1200	0
11/10/2023 14:06	58003 WCAR_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/10/2023 14:06	43301 WATS_T2	2	2	0	0.45	0.65	0.2	0	0	0	0	0	0	0	0
11/10/2023 14:07	43302 WATS_T2	4	4	0	0.33	0.48	0.15	0	0	0	0	0	0	0	0
11/10/2023 14:07	43402 BENT_T1	0	0	0	0	0	0	-0.91	-0.93	1	1	0	900	900	0
11/10/2023 14:09	43301 WATS_T2	2	2	0	0.45	0.65	0.2	-0.63	-0.63	1	1	0	900	900	0
11/10/2023 14:09	67001 STHI_T2	50	162	112	0.12	0.13	0.01	0	0	0	0	0	0	0	0
11/10/2023 14:09	46203 DANV_T2	0	2	2	0	0.7	0.7	-2.96	-2.94	0	0	0	0	0	0
11/10/2023 14:10	43304 WATS_T2	0	0	0	0	0	0	-0.19	-0.27	0	0	0	0	0	0
11/10/2023 14:10	43304 WATS_T2	0	0	0	0	0	0	-0.19	-0.27	0	0	0	0	0	0
11/10/2023 14:11	46203 DANV_T2	0	2	2	0	0.7	0.7	0	0	0	0	0	0	0	0
11/10/2023 14:11	53903 HALI_T2	2	3	1	1.3	0.97	-0.33	-0.08	-0.06	0	0	0	0	0	0
11/10/2023 14:11	52401 GRPA_T2	0	3	3	0	0.2	0.2	0	0	0	0	0	0	0	0
11/10/2023 14:11	43402 BENT_T1	0	0	0	0	0	0	-0.93	-0.95	1	1	0	900	900	0
11/10/2023 14:12	65001 NEFF_T2	105	190	85	0.12	0.16	0.04	-1.02	-0.81	1	1	0	1200	1200	0
11/10/2023 14:12	53903 HALI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/10/2023 14:12	43301 WATS_T2	2	2	0	0.45	0.65	0.2	0	0	0	0	0	0	0	0
11/10/2023 14:12	52403 GRPA_T2	1	15	14	0.2	0.27	0.07	0.02	0.02	0	0	0	0	0	0
11/10/2023 14:14	52404 GRPA_T2	0	0	0	0	0	0	0.62	0.57	0	0	0	0	0	0
11/10/2023 14:14	52402 GRPA_T2	5	6	1	0.96	1.2	0.24	0	0	0	0	0	0	0	0
11/10/2023 14:15	52401 GRPA_T2	2	3	1	0.15	0.27	0.12	0	0	0	0	0	0	0	0
11/10/2023 14:15	58401 MORO_T1	0	0	0	0	0	0	-1.77	-1.7	2	2	0	1200	1200	0
11/10/2023 14:16	59302 MCAL_T1	1	2	1	0.4	0.5	0.1	0.36	0.33	0	0	0	0	0	0
11/10/2023 14:16	58402 MORO_T1	0	0	0	0	0	0	-2.3	-2.3	4	4	0	3000	3000	0
11/10/2023 14:16	58402 MORO_T1	0	0	0	0	0	0	-2.3	-2.3	4	4	0	3000	3000	0
11/10/2023 14:17	58402 MORO_T1	0	0	0	0	0	0	-1.15	-1.15	2	2	0	1500	1500	0
11/10/2023 14:17	58402 MORO_T1	0	0	0	0	0	0	-1.15	-1.15	2	2	0	1500	1500	0
11/10/2023 14:17	13302 ORVI_T2	0	0	0	0	0	0	0.94	0.94	0	0	0	0	0	0
11/10/2023 14:17	65001 NEFF_T2	181	174	-7	0.15	0.17	0.02	-1.02	-0.81	1	1	0	1200	1200	0
11/10/2023 14:17	42901 MIDD_T2	1	2	1	0.2	0.35	0.15	0	0	0	0	0	0	0	0
11/10/2023 14:19	58401 MORO_T1	0	0	0	0	0	0	-0.89	-0.85	1	1	0	600	600	0
11/10/2023 14:20	58401 MORO_T1	0	0	0	0	0	0	-0.89	-0.85	1	1	0	600	600	0
11/10/2023 14:20	43302 WATS_T2	4	4	0	0.48	0.68	0.2	0	0	0	0	0	0	0	0
11/10/2023 14:21	16302 ALPA_T2	0	0	0	0	0	0	1.14	1.16	0	0	0	0	0	0
11/10/2023 14:21	43302 WATS_T2	4	4	0	0.48	0.68	0.2	0	0	0	0	0	0	0	0
11/10/2023 14:22	43402 BENT_T1	0	0	0	0	0	0	-0.93	-0.95	1	1	0	900	900	0
11/10/2023 14:22	45901 AUBU_T1	0	0	0	0	0	0	1.89	1.8	0	0	0	0	0	0
11/10/2023 14:22	45902 AUBU_T1	0	0	0	0	0	0	-1.58	-1.42	2	2	0	1200	1200	0
11/10/2023 14:23	13901 SEID_T1	0	0	0	0	0	0	0.16	0.2	0	0	0	0	0	0
11/10/2023 14:23	43402 BENT_T1	0	0	0	0	0	0	-0.93	-0.95	1	1	0	900	900	0
11/10/2023 14:23	43301 WATS_T2	2	3	1	0.6	0.47	-0.13	-0.63	-0.62	1	1	0	900	900	0
11/10/2023 14:23	45902 AUBU_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/10/2023 14:24	45902 AUBU_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/10/2023 14:24	16302 ALPA_T2	0	0	0	0	0	0	0.57	0.58	0	0	0	0	0	0
11/10/2023 14:25	12701 MACU_T1	0	0	0	0	0	0	0.09	0.13	0	0	0	0	0	0
11/10/2023 14:25	53903 HALI_T2	2	3	1	1.1	1	-0.1	-0.08	-0.06	0	0	0	0	0	0
11/10/2023 14:25	46203 DANV_T2	2	2	0	0.7	0.15	-0.55	-2.94	-2.86	0	0	0	0	0	0
11/10/2023 14:26	54505 ENOL_T2	1	1	0	1.3	1.3	0	-1.3	-1.3	1	1	0	600	600	0
11/10/2023 14:26	44802 EDAN_T2	0	0	0	0	0	0	-2.64	-2.7	0	0	0	0	0	0
11/10/2023 14:26	45902 AUBU_T1	0	0	0	0	0	0	-0.71	-0.8	1	1	0	600	600	0
11/10/2023 14:26	53901 HALI_T2	3	3	0	0.27	0.3	0.03	0	0	0	0	0	0	0	0
11/10/2023 14:26	54504 ENOL_T2	0	0	0	0	0	0	-1.04	-1.08	1	1	0	600	600	0
11/10/2023 14:26	43402 BENT_T1	0	0	0	0	0	0	-0.95	-0.95	1	1	0	900	900	0
11/10/2023 14:26	54505 ENOL_T2	1	1	0	1.3	1.3	0	-1.3	-1.3	1	1	0	600	600	0
11/10/2023 14:26	28601 BLYT_T2	0	1	1	0	0.2	0.2	0	0	0	0	0	0	0	0
11/10/2023 14:27	54501 ENOL_T2	4	4	0	0.38	0.33	-0.05	0.09	0.09	1	0	-1	600	0	-600
11/10/2023 14:27	54505 ENOL_T2	1	1	0	1.3	1.3	0	-1.3	-1.3	1	1	0	600	600	0
11/10/2023 14:27	46203 DANV_T2	2	2	0	0.7	0.15	-0.55	0	0	0	0	0	0	0	0
11/10/2023 14:27	54502 ENOL_T2

11/10/2023 14:35	53901 HAU_T2	3	2	-1	0.23	0.35	0.12	0	0	0	0	0	0	0
11/10/2023 14:36	16302 ALPA_T2	0	0	0	0	0	0	1.16	1.17	0	0	0	0	0
11/10/2023 14:36	54202 PENN_T2	7	72	65	0.1	0.12	0.02	0.66	0.63	0	0	0	0	0
11/10/2023 14:36	56501 ROCK_T2	161	117	-44	0.25	0.28	0.03	-1.66	-1.64	0	0	0	0	0
11/10/2023 14:36	56501 ROCK_T2	161	117	-44	0.25	0.28	0.03	-1.66	-1.64	0	0	0	0	0
11/10/2023 14:36	42701 AUGU_T1	0	1	1	0	0.1	0.1	0	0	2	2	0	1800	1800	0
11/10/2023 14:37	56504 ROCK_T2	0	0	0	0	0	0	-0.26	-0.33	0	0	0	0	0	0
11/10/2023 14:37	45902 AUBU_T1	0	1	1	0	0.5	0.5	-0.71	-0.8	1	1	0	600	600	0
11/10/2023 14:37	56504 ROCK_T2	0	0	0	0	0	0	-0.26	-0.33	0	0	0	0	0	0
11/10/2023 14:37	44302 BEAV_T2	5	7	2	0.26	0.27	0.01	0.21	0.2	0	0	0	0	0	0
11/10/2023 14:37	15001 BLMO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/10/2023 14:37	67401 WAKE_T2	0	0	0	0	0	0	-1.03	-1.06	0	0	0	0	0	0
11/10/2023 14:38	45902 AUBU_T1	0	1	1	0	0.5	0.5	-0.71	-0.8	1	1	0	600	600	0
11/10/2023 14:38	13901 SEID_T1	0	0	0	0	0	0	0.2	0.19	0	0	0	0	0	0
11/10/2023 14:38	15001 BLMO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/10/2023 14:38	60201 ATGL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/10/2023 14:39	45902 AUBU_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/10/2023 14:39	42701 AUGU_T1	0	1	1	0	0.1	0.1	0	0	2	2	0	1800	1800	0
11/10/2023 14:39	46203 DANV_T2	2	2	0	0.15	0.15	0	0	0	0	0	0	0	0	0
11/10/2023 14:40	48901 FOSP_T2	0	0	0	0	0	0	-0.27	-0.25	1	1	0	600	600	0
11/10/2023 14:40	12701 MACU_T1	0	1	1	0	0	0	0.13	0.1	0	0	0	0	0	0
11/10/2023 14:40	16302 ALPA_T2	0	0	0	0	0	0	0.58	0.58	0	0	0	0	0	0
11/10/2023 14:41	12701 MACU_T1	0	1	1	0	0	0	0.1	0.13	0	0	0	0	0	0
11/10/2023 14:41	42701 AUGU_T1	0	1	1	0	0.1	0.1	0	0	2	2	0	1800	1800	0
11/10/2023 14:41	48901 FOSP_T2	0	0	0	0	0	0	-0.25	-0.26	1	1	0	600	600	0
11/10/2023 14:41	46203 DANV_T2	2	2	0	0.15	0.15	0	-2.98	-2.96	0	0	0	0	0	0
11/10/2023 14:41	15001 BLMO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/10/2023 14:42	15001 BLMO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/10/2023 14:42	12701 MACU_T1	0	1	1	0	0	0	0.1	0.13	0	0	0	0	0	0
11/10/2023 14:42	43402 BENT_T1	0	0	0	0	0	0	-0.95	-0.95	1	1	0	900	900	0
11/10/2023 14:42	63802 HEMP_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/10/2023 14:42	54502 ENOL_T2	1	1	0	0.7	0.7	0	-2.05	-1.38	1	0	-1	600	0	-600
11/10/2023 14:42	46203 DANV_T2	2	2	0	0.15	0.15	0	0	0	0	0	0	0	0	0
11/10/2023 14:43	12701 MACU_T1	0	1	1	0	0	0	0.1	0.13	0	0	0	0	0	0
11/10/2023 14:43	52401 GRPA_T2	3	1	-2	0.2	0.5	0.3	0	0	0	0	0	0	0	0
11/10/2023 14:43	63803 HEMP_T1	1	4	3	0.1	0.13	0.03	0	0	0	0	0	0	0	0
11/10/2023 14:43	64702 LITI_T2	0	0	0	0	0	0	-0.81	-0.73	0	0	0	0	0	0
11/10/2023 14:43	54501 ENOL_T2	4	4	0	0.33	0.15	-0.18	0	0	0	0	0	0	0	0
11/10/2023 14:43	26401 INOR_T1	31	31	0	0.19	0.17	-0.02	0	0	0	0	0	0	0	0
11/10/2023 14:44	64702 LITI_T2	0	0	0	0	0	0	-0.81	-0.73	0	0	0	0	0	0
11/10/2023 14:44	53903 HAU_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/10/2023 14:44	48901 FOSP_T2	0	0	0	0	0	0	-0.25	-0.26	1	1	0	600	600	0
11/10/2023 14:45	54204 PENN_T2	3	4	1	0.43	0.43	0	0	0	0	0	0	0	0	0
11/10/2023 14:45	52401 GRPA_T2	1	2	1	0.5	0.6	0.1	-0.48	-0.47	0	0	0	0	0	0
11/10/2023 14:45	63802 HEMP_T1	1	0	-1	0.1	0	-0.1	-0.18	-0.09	0	0	0	0	0	0
11/10/2023 14:45	42901 MIDD_T2	2	2	0	0.3	0.3	0	0	0	0	0	0	0	0	0
11/10/2023 14:46	42903 MIDD_T2	2	3	1	2.15	1.9	-0.25	0	0	0	0	0	0	0	0
11/10/2023 14:46	54202 PENN_T2	24	67	43	0.13	0.12	-0.01	0.63	0.58	0	0	0	0	0	0
11/10/2023 14:46	60604 NCOL_T2	0	0	0	0	0	0	0.33	0.29	0	0	0	0	0	0
11/10/2023 14:46	55002 NEWP_T1	7	7	0	0.67	0.76	0.09	-0.21	-0.22	0	0	0	0	0	0
11/10/2023 14:46	64702 LITI_T2	0	0	0	0	0	0	-0.81	-0.73	0	0	0	0	0	0
11/10/2023 14:47	13302 ORVI_T2	0	0	0	0	0	0	1	0.98	0	0	0	0	0	0
11/10/2023 14:47	58401 MORO_T1	0	0	0	0	0	0	-0.89	-0.91	1	1	0	600	600	0
11/10/2023 14:47	58402 MORO_T1	0	0	0	0	0	0	-1.14	-1.09	2	2	0	1500	1500	0
11/10/2023 14:47	53901 HAU_T2	2	2	0	0.25	0.35	0.1	0	0	0	0	0	0	0	0
11/10/2023 14:47	60604 NCOL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/10/2023 14:47	54204 PENN_T2	3	4	1	0.43	0.43	0	0	0	0	0	0	0	0	0
11/10/2023 14:47	42901 MIDD_T2	2	2	0	0.3	0.3	0	0	0	0	0	0	0	0	0
11/10/2023 14:48	55002 NEWP_T1	7	7	0	0.67	0.76	0.09	-0.21	-0.22	0	0	0	0	0	0
11/10/2023 14:48	54001 SDLE_T1	7	6	-1	0.74	0.78	0.04	0	0	0	0	0	0	0	0
11/10/2023 14:48	56501 ROCK_T2	78	128	50	0.29	0.28	-0.01	-1.64	-1.69	0	0	0	0	0	0
11/10/2023 14:48	58402 MORO_T1	0	0	0	0	0	0	-1.14	-1.09	2	2	0	1500	1500	0
11/10/2023 14:48	52502 PROG_T2	0	0	0	0	0	0	-0.66	-0.73	1	1	0	900	900	0
11/10/2023 14:48	42902 MIDD_T2	37	31	-6	0.29	0.25	-0.04	0	0	0	0	0	0	0	0
11/10/2023 14:48	52004 LING_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/10/2023 14:49	65002 NEFF_T2	7	13	6	0.1	0.12	0.02	0	0	0	0	0	0	0	0
11/10/2023 14:49	54001 SDLE_T1	7	6	-1	0.74	0.78	0.04	0	0	0	0	0	0	0	0
11/10/2023 14:49	67001 STHI_T2	207	397	190	0.15	0.15	0	0	0	0	0	0	0	0	0
11/10/2023 14:49	58402 MORO_T1	0	0	0	0	0	0	-1.14	-1.09	2	2	0	1500	1500	0
11/10/2023 14:50	59102 WALK_T2	3	1	-2	0.43	0.5	0.07	0	0	0	0	0	0	0	0
11/10/2023 14:50	56504 ROCK_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/10/2023 14:50	54001 SDLE_T1	7	6	-1	0.74	0.78	0.04	0	0	0	0	0	0	0	0
11/10/2023 14:50	54204 PENN_T2	3	4	1	0.43	0.43	0	0	0	0	0	0	0	0	0
11/10/2023 14:51	52402 GRPA_T2	5	5	0	1.28	1.5	0.22	0	0	0	0	0	0	0	0
11/10/2023 14:51	67002 STHI_T2	5	13	8	0.1	0.1	0	1.18	1.16	0	0	0	0	0	0
11/10/2023 14:51	43801 WATS_T2	3	2	-1	0.33	0.45	0.12	-0.64	-0.65	1	1	0	900	900	0
11/10/2023 14:51	43802 WATS_T2	4	4	0	0.68	0.85	0.17	0	0	0	0	0	0	0	0
11/10/2023 14:51	52502 PROG_T2	0	0	0	0	0	0	-0.66	-0.73	1	1	0	900	900	0
11/10/2023 14:52	43804 WATS_T2	0	0	0	0	0	0	-0.58	-0.57	0	0	0	0	0	0
11/10/2023 14:52	67001 STHI_T2	207	397	190	0.15	0.15	0	0	0	0	0	0	0	0	0
11/10/2023 14:52	56504 ROCK_T2	0	0	0	0	0	0	-0.33	-0.25	0	0	0	0	0	0
11/10/2023 14:52	43804 WATS_T2	0	0	0	0	0	0	-0.58	-0.57	0	0	0	0	0	0
11/10/2023 14:53	59101 WALK_T2	2	1	-1	0.1	0	-0.1	1.61	2.17	0	0	0	0	0	0
11/10/2023 14:53	56504 ROCK_T2	0	0	0	0	0	0	-0.33	-0.25	0	0	0	0	0	0
11/10/2023 14:53	43802 WATS_T2	4	4	0	0.68	0.85	0.17	0	0	0	0	0	0	0	0
11/10/2023 14:53	43801 WATS_T2	3	2	-1	0.33	0.45	0.12	-0.64	-0.65	1	1	0	900	900	0
11/10/2023 14:53	56501 ROCK_T2	78	128	50	0.29	0.28	-0.01	-1.64	-1.69	0	0	0	0	0	0
11/10/2023 14:54	43802 WATS_T2	4	4	0	0.68	0.85	0.17	0	0	0	0	0	0	0	0
11/10/2023 14:54	56501 ROCK_T2	78	128	50	0.29	0.28	-0.01	0	0	0	0	0	0	0	0
11/10/2023 14:54	43802 WATS_T2	4	4	0	0.68	0.85	0.17	0	0	0	0	0	0	0	0
11/10/2023 14:54	48901 FOSP_T2	0	0	0	0	0	0	-0.25	-0.26	1	1	0	600	600	0
11/10/2023 14:55	56504 ROCK_T2	0	0	0	0	0	0	-0.33	-0.25	0	0	0	0	0	0
11/10/2023 14:56	48901 FOSP_T2	0	0	0	0	0	0	-0.52	-0.52	2	2	0	1200	1200	0
11/10/2023 14:57	44802 EDAN_T2	0	0	0	0	0	0	-1.82	-1.76	0	0	0	0	0	0
11/10/2023 14:58	44802 EDAN_T2	0	0	0	0	0	0	-0.91	-0.88	0	0	0	0	0	0
11/10/2023 14:58	26401 INOR_T1	18	34	16	0.15	0.2	0.05	0	0	0	0	0	0	0	0
11/10/2023 14:59	48901 FOSP_T2	0	0	0	0	0	0	-0.26	-0.26	1	1	0	600	600	0
11/10/2023 15:00	47101 MARL_T1	0	0	0	0	0	0	-5.84	-5.73	3	3	0	1800	1800	0
11/10/2023 15:01	47101 MARL_T1	0	0	0	0	0	0	-1.95	-1.91	1	1	0	600	600	0
11/10/2023 15:02	58302 NOTT_T1	0	0	0	0	0	0	-0.38	-0.42	1	1	0	1200	1200	0
11/10/2023 15:02	47101 MARL_T1	0	0	0	0	0	0	-1.95	-1.91	1	1	0	600	600	0
11/10/2023 15:02	64301 LINC_T1	0	0	0	0	0	0	0.33	0.35	0	0	0	0	0	0
11/10/2023 15:03	66901 SHIL_T2	176	254	78	0.23	0.31	0.08	-1.72	-1.58	1	1	0	1200	1200	0
11/10/2023 15:04	47101 MARL_T1	0	0	0	0	0	0	-1.95	-1.91	1	1	0	600	600	0
11/10/2023 15:08	15001 BLMO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/10/2023 15:08	45501 DERR_T2	0	0	0	0	0	0	0.24	0.24	2	2	0	1800	1800	0
11/10/2023 15:09	45501 DERR_T2	0	0	0	0	0	0	0.24	0.24	2	2	0	1800	1800	0
11/10/2023 15:10	45501 DERR_T2	0	0	0	0	0	0	0.24	0.24	2	2	0	1800	1800	0
11/10/2023 15:13	45501 DERR_T2	0	0	0	0	0	0	0.24	0.24	2	2	0	1800	1800	0
11/10/2023 15:13	45001 LIME_2	24	32	8	0.23	0.35	0.12	0	0	0	0	0	0	0	0
11/10/2023 15:14	45003 LIME_2	2	2	0	2.3	2.75	0.45	0	0	1	1	0	1200	1200	0
11/10/2023 15:18	43401 BENT_T1	1	6	5	0.8	0.26	-0.54	0	0	0	0	0	0	0	0
11/10/2023 15:19	67001 STHI_T2	311	555	244	0.15	0.22	0.07	0	0	0	0	0	0	0	0
11/10/2023 15:20	42201 SHEN_T2	0	1	1	0	0.2	0.2	-0.02	-0.03	1	1	0	600	600	0
11/10/2023 15:20	66901 SHIL_T2	190	258	68	0.22	0.31	0.09	-1.58	-1.7	1	1	0	1200	1200	0
11/10/2023 15:20	67001 STHI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/10/2023 15:22	57404 SPAN_T2	0	0	0	0	0	0	0.32	0.09	1	1	0	1200	1200	0
11/10/2023 15:22	67001 STHI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/10/2023 15:23	43802 WATS_T2	4	4	0	0.85	0.7	-0.15	0	0	0	0	0	0	0	0
11/10/2023 15:23	42201 SHEN_T2	0	1	1	0	0.2	0.2	-0.02	-0.03	1	1	0	600	600	0
11/10/2023 15:24	43802 WATS_T2	4	4	0	0.85	0.7	-0.15	0	0	0	0	0	0	0	0
11/10/2023 15:24	43402 BENT_T1	0	0	0	0	0	0	-0.94	-0.95	1	1	0	900	900	0
11/10/2023 15:24	57404 SPAN_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/10/2023 15:26	48901 FOSP_T2	0	0	0	0	0	0	-0.28	-0.44	1	1	0	600	600	0
11/10/2023 15:26	20403 ASHF_T2	13	15	2	0.13	0.15	0.02	0.01	0.05	0	0	0	0	0	0
11/10/2023 15:28	23404 HONE_T1	18	10	-8	0.12	0.13	0.01	0	0	0	0	0	0	0	0
11/10/2023 15:28	57502 LAWN_T3	1	1	0	0.1	0.2	0.1	0	0	0	0	0	0	0	0
11/10/2023 15:29	43401 BENT_T1	1	6	5	0.8	0.26	-0.54	0	0	0	0	0	0	0	0
11/10/2023 15:31	26401 INOR_T1	1	1	0	0.2	0.2	0	0	0	0	0	0	0	0	0
11/10/2023 15:31	57501 LAWN_T3	0	0	0	0	0	0	-1.69	-1.67	0	0	0	0	0	0
11/10/2023 15:34	67001 STHI_T2	555	282	-273	0.22	0.13	-0.09	0	0	0	0	0	0	0	0
11/10/2023 15:34	47403 PENS_T1	1	1	0	1.6	2.2	0.6	0	0	0	0	0	0	0	0
11/10/2023 15:34	58401 MORO_T1	0	0	0	0	0	0	-0.95	-0.93	1	1	0	600	600	0
11/10/2023 15:35	51004 NHAR_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/10/2023 15:35	47401 PENS_T1	1	0	-1	0.4	0	-0.4	0.74	0.76	0	0	0	0	0	0
11/10/2023 15:36	16302 ALPA_T2	0	0	0	0	0	0	0.67	0.62	0	0	0	0	0	0
11/10/2023 15:37	45303 WBER_T2	1	1	0	0.1	0.5	0.4	0	0	0	0	0	0	0	0
11/10/2023 15:37	67001 STHI_T2	555	282	-273	0.22	0.13	-0.09	0	0	0	0	0	0	0	0
11/10/2023 15:38	67002 STHI_T2	116	8	-108	0.13	0.11	-0.02	1.2	1.12	0	0	0	0	0	0
11/10/2023 15:38	47401 PENS_T1	1	0	-1	0.4	0	-0.4	0.74	0.76	0	0	0	0	0	0
11/10/2023 15:39	45501 DERR_T2	0	0	0	0	0	0	0.24	0.34	2	2	0	1800	1800	0
11/10/2023 15:41	57403 SPAN_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/10/2023 15:41	56504 ROCK_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/10/2023 15:41	56802 BENV_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/10/2023 15:41	54701 NEBL_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/10/2023 15:41	59102 WALK_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/10/2023 15:41	26401 INOR_T1	1	1	0	0.2	0.2	0	0	0	0	0	0	0	0	0
11/10/2023 15:41	45501 DERR_T2	0	0	0	0	0	0	0.34	0.49	2	2	0	1800	1800	0
11/10/2023 15:41	54505 ENOL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/10/2023 15:41	57403 SPAN_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/10/2023 15:41	55002 NEWP_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/10/2023 15:41	54206 PENN_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/10/2023 15:41	52004 LING_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/10/2023 15:41	43402 BENT_T1	0	0	0	0	0	0	-0.95	-0.94	1	1	0	900	900	0
11/10/2023 15:41	45303 WBER_T2	1	1	0	0.1	0.5	0.4	0	0	0	0	0	0	0	0
11/10/2023 15:41	53903 HAU_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/10/2023 15:42	56504 ROCK_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/10/2023 15:42	26401 INOR_T1	1	1	0	0.2	0.2	0	0	0	0	0	0	0	0	0
11/10/2023 15:42	53903 HAU_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/10/2023 15:42	57402 SPAN_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/10/2023 15:42	57403 SPAN_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/10/2023 15:42	56802 BENV_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/10/2023 15:42	54505 ENOL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/10/2023 15:42	55002 NEWP_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/10/2023 15:42	54206 PENN_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/10/2023 15:42	54701 NEBL_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/10/2023 15:42	59102 WALK_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/10/2023 15:42	45303 WBER_T2	1	1	0	0.1	0.5	0.4	0	0	0	0	0	0	0	0
11/10/2023 15:42	57401 SPAN_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/10/2023 15:42	52004 LING_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/10/2023 15:43	64303 LINC_T1	0	0	0	0	0	0	-0.21	-0.21	0	0	0	0	0	0
11/10/2023 15:44	46903 MNTG_T2	1	18	17	0.2	0.11	-0.09	0	0	0	0	0	0	0	0
11/10/2023 15:45	48901 FOSP_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/10/2023 15:46	40101 HUNT_T2	0	0	0	0	0	0	-0.27	-0.3	0	0	0	0	0	0
11/10/2023 15:47	40101 HUNT_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/10/2023 15:48	26401 INOR_T1	1	1	0	0.1	0.2	0.1	0	0	0	0	0	0	0	0
11/10/2023 15:53	40201 BEGA_T2	2	2	0	0.5	0.7	0.2	0	0	0	0	0	0	0	0
11/10/2023 15:55	40201 BEGA_T2	2	2	0	0.5	0.7	0.2	0	0	0	0	0	0	0	0
11/10/2023 15:57	47901 HRDG_T1	0	0	0	0	0	0	1.03	1	0	0	0	0	0	0
11/10/2023 15:59	40901 JESH_T1	0	5	5	0	0.14	0.14	0	0	0	0	0	0	0	0
11/10/2023 16:02	40902 JESH_T1	33	16	-17	0.12	0.1	-0.02	-0.68	-0.68	0	0

Appendix C - Grid Benefits Achieved in Each Instance of Active Management

11/10/2023 18:56	57502 LAWN_T3	0	1	1	0	0.2	0.2	0	0	0	0	0	0	0	0
11/10/2023 18:56	64702 LITI_T2	0	0	0	0	0	0	-0.9	-0.81	0	0	0	0	0	0
11/10/2023 18:56	45302 WBER_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/10/2023 18:56	67001 STHI_T2	1	9	8	0.4	0.13	-0.27	0	0	0	0	0	0	0	0
11/10/2023 18:56	54001 SDLE_T1	3	3	0	0.57	0.7	0.13	0	0	0	0	0	0	0	0
11/10/2023 18:56	45303 WBER_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/10/2023 18:56	43301 WATS_T2	1	3	2	0.2	0.27	0.07	-0.64	-0.67	1	1	0	900	900	0
11/10/2023 18:56	16302 ALPA_T2	0	0	0	0	0	0	0.62	0.64	0	0	0	0	0	0
11/10/2023 18:57	67502 WEWI_T2	0	32	32	0	0.15	0.15	0	0	0	0	0	0	0	0
11/10/2023 18:57	45902 AUBU_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/10/2023 18:57	47101 MARL_T1	4	0	-4	0.78	0	-0.78	-1.79	-1.75	1	1	0	600	600	0
11/10/2023 18:57	41802 GOCI_T2	5	6	1	0.16	0.12	-0.04	0	0	0	0	0	0	0	0
11/10/2023 18:57	67001 STHI_T2	1	9	8	0.4	0.13	-0.27	0	0	0	0	0	0	0	0
11/10/2023 18:57	48901 FOSP_T2	0	0	0	0	0	0	-0.43	-0.42	1	1	0	600	600	0
11/10/2023 18:57	44901 SCOT_T2	0	0	0	0	0	0	-0.71	-0.64	0	0	0	0	0	0
11/10/2023 18:57	15001 BLMO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/10/2023 18:57	64702 LITI_T2	0	0	0	0	0	0	-0.9	-0.81	0	0	0	0	0	0
11/10/2023 18:58	59101 WALK_T2	1	1	0	0	0	0	1.33	1.58	0	0	0	0	0	0
11/10/2023 18:58	28403 HART_T2	0	0	0	0	0	0	-0.54	-0.55	1	1	0	900	900	0
11/10/2023 18:58	57501 LAWN_T3	0	0	0	0	0	0	-0.81	-0.81	0	0	0	0	0	0
11/10/2023 18:58	15001 BLMO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/10/2023 18:58	42201 SHEN_T2	0	0	0	0	0	0	-0.01	0	1	1	0	600	600	0
11/10/2023 18:58	28604 BLYT_T2	0	0	0	0	0	0	-2.7	-2.7	0	0	0	0	0	0
11/10/2023 18:58	42701 AUGU_T1	0	1	1	0	0	0	0	0	2	1	-1	1800	600	-1200
11/10/2023 18:58	57403 SPAN_T1	10	6	-4	0.17	0.13	-0.04	0.1	0.11	0	0	0	0	0	0
11/10/2023 18:58	58402 MORO_T1	1	1	0	2.3	0	-2.3	0	0	0	0	0	0	0	0
11/10/2023 18:58	54204 PENN_T2	0	2	2	0	0.15	0.15	0	0	0	0	0	0	0	0
11/10/2023 18:58	10801 CHHI_T1	0	1	1	0	0	0	0	0	1	1	0	900	900	0
11/10/2023 18:58	59202 THOM_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/10/2023 18:58	57403 SPAN_T1	10	6	-4	0.17	0.13	-0.04	0.1	0.11	0	0	0	0	0	0
11/10/2023 18:58	64301 LINC_T1	0	0	0	0	0	0	0.21	0.18	0	0	0	0	0	0
11/10/2023 18:58	56802 BENV_T2	2	6	4	0.7	0.35	-0.35	-1.29	-1.27	0	0	0	0	0	0
11/10/2023 18:58	45501 DERR_T2	0	1	1	0	0	0	0.59	0.67	2	2	0	1800	1800	0
11/10/2023 18:58	47101 MARL_T1	4	0	-4	0.78	0	-0.78	-1.79	-1.75	1	1	0	600	600	0
11/10/2023 18:59	52402 GRPA_T2	4	4	0	0.75	0.9	0.15	0	0	0	0	0	0	0	0
11/10/2023 18:59	67001 STHI_T2	1	9	8	0.4	0.13	-0.27	0	0	0	0	0	0	0	0
11/10/2023 18:59	42902 MIDD_T2	13	18	5	0.18	0.28	0.1	-1.01	-0.88	0	0	0	0	0	0
11/10/2023 18:59	57502 LAWN_T3	0	1	1	0	0.2	0.2	0	0	0	0	0	0	0	0
11/10/2023 18:59	56802 BENV_T2	2	6	4	0.7	0.35	-0.35	-1.29	-1.27	0	0	0	0	0	0
11/10/2023 18:59	43402 BENT_T1	0	0	0	0	0	0	-0.92	-0.93	1	1	0	900	900	0
11/10/2023 18:59	46903 MNTG_T2	14	0	-14	0.14	0	-0.14	0	0	0	0	0	0	0	0
11/10/2023 18:59	64101 REFR_T1	0	0	0	0	0	0	-0.07	-0.07	0	0	0	0	0	0
11/10/2023 18:59	58402 MORO_T1	1	1	0	2.3	0	-2.3	0	0	0	0	0	0	0	0
11/10/2023 18:59	59302 MCAL_T1	1	1	0	0.7	0.6	-0.1	0.37	0.37	0	0	0	0	0	0
11/10/2023 18:59	40602 PGR_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/10/2023 18:59	62604 ENGL_T1	0	0	0	0	0	0	-0.58	-0.56	1	1	0	600	600	0
11/10/2023 18:59	46203 DANV_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/10/2023 18:59	67502 WEWI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/10/2023 18:59	45902 AUBU_T1	35	55	20	0.19	0.2	0.01	-0.92	-0.98	1	1	0	600	600	0
11/10/2023 18:59	21606 FYNO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/10/2023 19:00	60501 NMAN_T2	3	3	0	3.8	4.4	0.6	0	0	0	0	0	0	0	0
11/10/2023 19:00	47101 MARL_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/10/2023 19:00	47401 PENS_T1	0	0	0	0	0	0	0.68	0.71	0	0	0	0	0	0
11/10/2023 19:00	60201 ATGL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/10/2023 19:00	58003 WCAR_T1	1	1	0	0.8	1	0.2	0	-0.08	1	1	0	600	600	0
11/10/2023 19:00	67502 WEWI_T2	0	82	82	0	0.17	0.17	-0.46	-1.4	0	0	0	0	0	0
11/10/2023 19:00	45003 LIME_2	3	3	0	1.27	1.47	0.2	0	0	1	1	0	1200	1200	0
11/10/2023 19:00	55002 NEWP_T1	5	6	1	0.62	0.98	0.36	-0.24	-0.23	0	0	0	0	0	0
11/10/2023 19:00	43301 WATS_T2	1	3	2	0.1	0.27	0.17	-0.64	-0.67	1	1	0	900	900	0
11/10/2023 19:00	43301 WATS_T2	1	3	2	0.1	0.27	0.17	-0.64	-0.67	1	1	0	900	900	0
11/10/2023 19:00	52404 GRPA_T2	0	1	1	0	0.1	0.1	0.6	0.57	0	0	0	0	0	0
11/10/2023 19:00	65001 NEFF_T2	0	0	0	0	0	0	-1.17	-1.21	1	1	0	1200	1200	0
11/10/2023 19:00	16302 ALPA_T2	0	0	0	0	0	0	0.62	0.64	0	0	0	0	0	0
11/10/2023 19:00	56802 BENV_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/10/2023 19:01	41802 GOCI_T2	3	14	11	0.1	0.21	0.11	0	0	0	0	0	0	0	0
11/10/2023 19:01	43302 WATS_T2	4	4	0	1.28	1.18	-0.1	0	0	0	0	0	0	0	0
11/10/2023 19:01	46203 DANV_T2	0	0	0	0	0	0	-1.45	-1.4	0	0	0	0	0	0
11/10/2023 19:01	42701 AUGU_T1	0	1	1	0	0	0	0	0	2	1	-1	1800	600	-1200
11/10/2023 19:01	66503 SMAN_T2	111	126	15	0.15	0.16	0.01	0	0	0	0	0	0	0	0
11/10/2023 19:01	56504 ROCK_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/10/2023 19:01	67503 WEWI_T2	0	0	0	0	0	0	-0.25	-0.28	0	0	0	0	0	0
11/10/2023 19:01	66502 SMAN_T2	7	13	6	0.11	0.12	0.01	0	0	0	0	0	0	0	0
11/10/2023 19:02	43301 WATS_T2	1	3	2	0.1	0.27	0.17	0	0	0	0	0	0	0	0
11/10/2023 19:02	47101 MARL_T1	0	0	0	0	0	0	-1.79	-1.75	1	1	0	600	600	0
11/10/2023 19:02	54202 PENN_T2	0	0	0	0	0	0	0.58	0.59	0	0	0	0	0	0
11/10/2023 19:02	67502 WEWI_T2	0	82	82	0	0.17	0.17	-0.46	-1.4	0	0	0	0	0	0
11/10/2023 19:02	43201 MVIL_T2	0	0	0	0	0	0	-0.39	-0.41	0	0	0	0	0	0
11/10/2023 19:02	57404 SPAN_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/10/2023 19:02	40101 HUNT_T2	3	7	4	0.5	0.1	-0.4	-0.46	-0.5	0	0	0	0	0	0
11/10/2023 19:02	47401 PENS_T1	0	0	0	0	0	0	0.68	0.71	0	0	0	0	0	0
11/10/2023 19:02	57403 SPAN_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/10/2023 19:02	54206 PENN_T2	0	4	4	0	0.1	0.1	0	0	0	0	0	0	0	0
11/10/2023 19:02	42002 MNVL_T2	1	1	0	3.9	3.6	-0.3	0	0	0	0	0	0	0	0
11/10/2023 19:02	64101 REFR_T1	0	0	0	0	0	0	-0.07	-0.07	0	0	0	0	0	0
11/10/2023 19:02	54501 ENOL_T2	0	0	0	0	0	0	0.11	0.13	0	0	0	0	0	0
11/10/2023 19:02	56501 ROCK_T2	231	242	11	0.32	0.27	-0.05	-1.61	-1.65	0	0	0	0	0	0
11/10/2023 19:02	59101 WALK_T2	1	1	0	0	0	0	1.33	1.58	0	0	0	0	0	0
11/10/2023 19:02	56504 ROCK_T2	0	0	0	0	0	0	0.04	0.03	0	0	0	0	0	0
11/10/2023 19:02	40201 BEGA_T2	1	2	1	0	0.4	0.4	0	0	0	0	0	0	0	0
11/10/2023 19:02	11804 FRAN_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/10/2023 19:03	42902 MIDD_T2	18	26	8	0.28	0.32	0.04	-0.5	-0.44	0	0	0	0	0	0
11/10/2023 19:03	43302 WATS_T2	4	4	0	1.28	1.18	-0.1	0	0	0	0	0	0	0	0
11/10/2023 19:03	66502 SMAN_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/10/2023 19:03	43304 WATS_T2	0	0	0	0	0	0	-0.63	-0.26	0	0	0	0	0	0
11/10/2023 19:03	44904 SCOT_T1	0	0	0	0	0	0	0.26	0.27	0	0	0	0	0	0
11/10/2023 19:03	56501 ROCK_T2	231	242	11	0.32	0.27	-0.05	-1.61	-1.65	0	0	0	0	0	0
11/10/2023 19:03	57404 SPAN_T2	0	0	0	0	0	0	-0.12	-0.08	1	1	0	1200	1200	0
11/10/2023 19:03	67503 WEWI_T2	0	0	0	0	0	0	-0.25	-0.28	0	0	0	0	0	0
11/10/2023 19:03	67001 STHI_T2	5	6	1	0.16	0.15	-0.01	0	0	0	0	0	0	0	0
11/10/2023 19:03	53601 DALM_T2	1	1	0	0.6	0.8	0.2	-0.04	-0.06	0	0	0	0	0	0
11/10/2023 19:03	47401 PENS_T1	0	0	0	0	0	0	0.68	0.71	0	0	0	0	0	0
11/10/2023 19:03	56803 BENV_T1	0	1	1	0	0.1	0.1	0	0	0	0	0	0	0	0
11/10/2023 19:03	60604 NCOL_T2	0	0	0	0	0	0	0.31	0.26	0	0	0	0	0	0
11/10/2023 19:03	46003 BERW_T2	116	160	44	0.2	0.26	0.06	0	0	0	0	0	0	0	0
11/10/2023 19:03	46203 DANV_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/10/2023 19:04	57403 SPAN_T1	6	2	-4	0.13	0.1	-0.03	0	0	0	0	0	0	0	0
11/10/2023 19:04	52501 PROG_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/10/2023 19:04	45402 WILO_T2	15	41	26	0.11	0.25	0.14	0	0	0	0	0	0	0	0
11/10/2023 19:04	45301 WBER_T2	0	1	1	0	0	0	0	0	0	0	0	0	0	0
11/10/2023 19:04	54502 ENOL_T2	0	1	1	0	0.1	0.1	0	0	0	0	0	0	0	0
11/10/2023 19:04	46901 MNTG_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/10/2023 19:04	41901 REED_T1	1	2	1	0.2	0.2	0	-1.43	-1.4	1	1	0	900	900	0
11/10/2023 19:04	52402 GRPA_T2	4	4	0	0.88	1.2	0.32	0	0	0	0	0	0	0	0
11/10/2023 19:04	15001 BLMO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/10/2023 19:04	42901 MIDD_T2	1	21	20	0.1	0.12	0.02	0	0	0	0	0	0	0	0
11/10/2023 19:04	58302 NOTT_T1	0	0	0	0	0	0	-0.34	-0.35	0	0	0	0	0	0
11/10/2023 19:04	59102 WALK_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/10/2023 19:04	47403 PENS_T1	1	1	0	2.9	2.8	-0.1	0	0	0	0	0	0	0	0
11/10/2023 19:04	54701 NEBL_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/10/2023 19:04	67502 WEWI_T2	0	82	82	0	0.17	0.17	-0.46	-1.4	0	0	0	0	0	0
11/10/2023 19:04	43301 WATS_T2	1	3	2	0.1	0.27	0.17	0	0	0	0	0	0	0	0
11/10/2023 19:04	56802 BENV_T2	2	35	33	0.8	0.19	-0.61	-1.29	-1.27	0	0	0	0	0	0
11/10/2023 19:04	20401 ASHF_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/10/2023 19:04	45501 DERR_T2	1	1	0	0.1	0	-0.1	0.59	0.67	2	2	0	1800	1800	0
11/10/2023 19:04	64801 MONE_T2	0	0	0	0	0	0	0.36	0.36	0	0	0	0	0	0
11/10/2023 19:05	41902 REED_T1	0	0	0	0	0	0	0.97	0.92	0	0	0	0	0	0
11/10/2023 19:05	43302 WATS_T2	4	4	0	1.28	1.18	-0.1	0	0	0	0	0	0	0	0
11/10/2023 19:05	45501 DERR_T2	1	1	0	0.1	0	-0.1	0.59	0.67	2	2	0	1800	1800	0
11/10/2023 19:05	54502 ENOL_T2	0	1	1	0	0.1	0.1	0	0	0	0	0	0	0	0
11/10/2023 19:05	43402 BENT_T1	0	0	0	0	0	0	-0.92	-0.93	1	1	0	900	900	0
11/10/2023 19:05	42901 MIDD_T2	1	21	20	0.1	0.12	0.02	0	0	0	0	0	0	0	0
11/10/2023 19:05	44801 EDAN_T2	1	0	-1	4.5	0	-4.5	0	0	0	0	0	0	0	0
11/10/2023 19:05	55002 NEWP_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/10/2023 19:05	62604 ENGL_T1	0	0	0	0	0	0	-0.58	-0.56	1	1	0	600	600	0
11/10/2023 19:05	46203 DANV_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/10/2023 19:05	58003 WCAR_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/10/2023 19:05	22901 HARW_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/10/2023 19:05	42701 AUGU_T1	0	1	1	0	0	0	0	0	2	1	-1	1800	600	-1200
11/10/2023 19:05	47901 HRDG_T1	0	0	0	0	0	0	0.7	1.59	0	0	0	0	0	0
11/10/2023 19:05	54501 ENOL_T2	0	0	0	0	0	0	0.11	0.13	0	0	0	0	0	0
11/10/2023 19:05	43001 ALWD_T1	0	12	12	0	0.14	0.14	0	0	0	0	0	0	0	0
11/10/2023 19:05	64101 REFR_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/10/2023 19:05	47101 MARL_T1	0	0	0	0	0	0	-1.79	-1.75	1	1	0	600	600	0
11/10/2023 19:05	67502 WEWI_T2	0	82	82	0	0.17	0.17	-0.46	-1.4	0	0	0	0	0	0
11/10/2023 19:05	56501 ROCK_T2	231	242	11	0.32	0.27	-0.05	-3.23	-3.31	0	0	0	0	0	0
11/10/2023 19:05	45302 WBER_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/10/2023 19:05	56802 BENV_T2	2	35	33	0.8	0.19	-0.61	-1.29	-1.27	0	0	0	0	0	0
11/10/2023 19:05	40101 HUNT_T2	3	7	4	0.5	0.1	-0.4	-0.46	-0.5	0	0	0	0	0	0
11/10/2023 19:06	53903 HALI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/10/2023 19:06	66502 SMAN_T2	7	13	6	0.11	0.12	0.01	0	0	0	0	0	0	0	0
11/10/2023 19:06	57403 SPAN_T1	6	2	-4	0.13	0.1	-0.03	0.1	0.11	0	0	0	0	0	0
11/10/2023 19:06	45003 LIME_2	3	3	0	1.27	1.47	0.2	0	0	1	1	0	1200	1200	0
11/10/2023 19:06	62604 ENGL_T1	0	0	0	0	0	0	-0.58	-0.56	1	1	0	600	600	0
11/10/2023 19:06	57401 SPAN_T1	2	2	0	0.45	0.65	0.2	-0.78	-0.84	1	1	0	600	600	0
11/10/2023 19:06	41802 GOCI_T2	3	14	11	0.1	0.21	0.11	0	0	0	0	0	0	0	0
11/10/2023 19:06	56802 BENV_T2	2	35	33	0.8	0.19	-0.61	-1.29	-1.27	0	0	0	0	0	0
11/10/2023 19:06	43302 WATS_T2	4	4	0	1.28	1.18	-0.1	0	0	0	0	0	0	0	0
11/10/2023 19:06	40602 PGR_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/10/2023 19:06	48901 FOSP_T2	0	0	0	0	0	0	-0.43	-0.42	1	1	0	600	600	0
11/10/2023 19:06	20403 ASHF_T2	0	0	0	0	0	0	0.22	0.28	0	0	0	0	0	0
11/10/2023 19:06	56501 ROCK_T2	231	242	11	0.32	0.27	-0.05	-3.23	-3.31	0	0	0	0	0	0
11/10/2023 19:06	64101 REFR_T1	0	0	0	0	0	0	-0.07	-0.07	0	0	0	0	0	0
11/10/2023 19:06	45501 DERR_T2	1	1	0	0.1	0	-0.1	0.59	0.67	2	2	0	1800	1800	0
11/10/2023 19:07	47101 MARL_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/10/2023 19:07	45902 AUBU_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/10/2023 19:07	45802 HEGI_T2	0	0	0	0	0	0	0.65	0.69	0	0	0	0	0	0
11/10/2023 19:08	64303 LINC_T1	0	0	0	0	0	0	-0.21	-0.23	0	0	0	0	0	0
11/10/2023 19:08	58402 MORO_T1	1	0	-1	2	0	-2	0	0	0	0	0	0	0	0
11/10/2023 19:08	47101 MARL_T1	0	0	0	0	0	0	-1.79	-1.75	1	1	0	600	600	0
11/10/2023 19:08	42002 MNVL_T2	1	1	0	3.9	3.6	-0.3	0.19	0.19	0	0	0	0	0	0
11/10/2023 19:08	57401 SPAN_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/10/2023 19:09	66502 SMAN_T2	7	13	6	0.11	0.12	0.01	0	0	1	1	0	900	900	0
11/10/2023 19:09	42901 MIDD_T2	1	21	20	0.1	0.12	0.02	0	0	0	0	0	0	0	0
11/10/2023 19:09	54502 ENOL_T2	0	1	1	0	0.1	0.1	0	0	0	0	0	0	0	0
11/10/2023 19:09	54504 ENOL_T2	0	0	0	0	0	0	-1.06	-1.11	1	1	0	600	600	0
11/10/2023 19:09	43302 WATS_T2	4	4	0	1.28	1.18	-0.1	0	0	0	0	0	0	0	0
11/10/2023 19:09	57303 MOAI_T2	1	1	0	7	7.1	0.1	0	0	0	0	0	0	0	0
11/10/2023 19:09	64801 MONE_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/10/2023 19:09	56802 BENV_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/10/2023 19:09	58402 MORO_T1	1	0	-1	2	0	-2	0	0	0	0	0	0	0	0
11/10/2023 19:09	41902 REED_T1	0	0	0	0	0	0	1.94

Appendix C - Grid Benefits Achieved in Each Instance of Active Management

11/11/2023 0:28	44801 EDAN_T2	1	1	0	1.1	0.1	-1	0	0	0	0	0	0	0	0
11/11/2023 0:28	40902 JESH_T1	0	0	0	0	0	0	-1.68	-1.62	0	0	0	0	0	0
11/11/2023 0:28	49804 UNIV_T1	0	1	1	0	0.2	0.2	0	0	0	0	0	0	0	0
11/11/2023 0:28	58402 MORO_T1	0	0	0	0	0	0	-1.68	-1.59	3	3	0	1800	1800	0
11/11/2023 0:28	57401 SPAN_T1	0	2	2	0	0.15	0.15	-3.84	-3.88	4	4	0	2400	2400	0
11/11/2023 0:28	15001 BLMO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/11/2023 0:28	42903 MIDD_T2	130	172	42	0.34	0.5	0.16	0	0	0	0	0	0	0	0
11/11/2023 0:28	26401 INOR_T1	2	1	-1	0.15	0.2	0.05	0.13	0.11	0	0	0	0	0	0
11/11/2023 0:28	66703 STRA_T1	1	1	0	0.1	0.1	0	-0.38	-0.35	0	0	0	0	0	0
11/11/2023 0:28	46801 HEPB_T2	0	0	0	0	0	0	0.44	0.45	0	0	0	0	0	0
11/11/2023 0:28	45303 WBER_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/11/2023 0:28	52502 PROG_T2	0	0	0	0	0	0	-1.28	-1.3	2	2	0	1800	1800	0
11/11/2023 0:28	40201 BEGA_T2	2	1	-1	0.2	0	-0.2	0	0	0	0	0	0	0	0
11/11/2023 0:28	66505 SMAN_T2	0	0	0	0	0	0	0	0	1	1	0	900	900	0
11/11/2023 0:28	45002 LIME_2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/11/2023 0:28	40101 HUNT_T2	0	0	0	0	0	0	-0.78	-0.78	0	0	0	0	0	0
11/11/2023 0:28	52402 GRPA_T2	1	1	0	2.1	2.3	0.2	0	0	0	0	0	0	0	0
11/11/2023 0:28	46203 DANV_T2	0	0	0	0	0	0	-1.52	-1.51	0	0	0	0	0	0
11/11/2023 0:28	47403 PENS_T1	7	22	15	0.11	0.14	0.03	0	0	0	0	0	0	0	0
11/11/2023 0:28	53903 HAU_T2	2	2	0	0.9	1.15	0.25	-0.13	-0.09	0	0	0	0	0	0
11/11/2023 0:28	56504 ROCK_T2	0	0	0	0	0	0	-0.33	-0.31	0	0	0	0	0	0
11/11/2023 0:28	61801 EELI_T2	1	1	0	0.4	0.4	0	-0.33	-0.35	0	0	0	0	0	0
11/11/2023 0:28	46302 ROHR_T1	1	3	2	0.1	0.73	0.63	0.28	0.28	0	0	0	0	0	0
11/11/2023 0:28	58401 MORO_T1	0	0	0	0	0	0	-1.11	-1.13	1	1	0	600	600	0
11/11/2023 0:28	54202 PENN_T2	0	0	0	0	0	0	0.54	0.48	0	0	0	0	0	0
11/11/2023 0:28	54505 ENOL_T2	1	1	0	0.2	0.4	0.2	-1.24	-1.25	1	1	0	600	600	0
11/11/2023 0:28	45901 AUBU_T1	0	0	0	0	0	0	1.89	1.93	0	0	0	0	0	0
11/11/2023 0:28	43304 WATS_T2	0	0	0	0	0	0	-0.97	-1.05	0	0	0	0	0	0
11/11/2023 0:28	54701 NEBL_T1	1	1	0	0.1	0	0	0	0	1	1	0	600	600	0
11/11/2023 0:28	54001 SDLE_T1	2	4	2	0.65	0.53	-0.12	0	0	2	2	0	1200	1200	0
11/11/2023 0:28	62604 ENGL_T1	0	0	0	0	0	0	-0.57	-0.6	1	1	0	600	600	0
11/11/2023 0:28	42001 MNVL_T2	0	0	0	0	0	0	-0.06	-0.08	0	0	0	0	0	0
11/11/2023 0:28	66505 SMAN_T2	0	0	0	0	0	0	0	0	1	1	0	900	900	0
11/11/2023 0:28	25402 LAHA_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/11/2023 0:28	59101 WALK_T2	1	1	0	0	0	0	5	4.68	0	0	0	0	0	0
11/11/2023 0:28	67401 WAKE_T2	0	0	0	0	0	0	-0.9	-0.91	0	0	0	0	0	0
11/11/2023 0:28	43001 ALWD_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/11/2023 0:28	42701 AUGU_T1	0	0	0	0	0	0	0	0	1	1	0	600	600	0
11/11/2023 0:28	45702 LIND_T2	1	1	0	0.7	0.1	-0.6	0.5	-0.48	0	0	0	0	0	0
11/11/2023 0:28	64101 REFR_T1	0	0	0	0	0	0	0.03	-0.01	0	0	0	0	0	0
11/11/2023 0:28	12202 FOGE_T2	0	1	1	0	0.1	0.1	0	0	1	1	0	600	600	0
11/11/2023 0:28	28403 HART_T2	0	0	0	0	0	0	-0.77	-0.76	1	1	0	900	900	0
11/11/2023 0:28	54505 ENOL_T2	1	1	0	0.2	0.4	0.2	-1.24	-1.25	1	1	0	600	600	0
11/11/2023 0:28	56802 BENV_T2	0	1	1	0	0.1	0.1	-5.92	-6.08	0	0	0	0	0	0
11/11/2023 0:28	42201 SHEN_T2	0	0	0	0	0	0	-0.1	-0.09	1	1	0	600	600	0
11/11/2023 0:28	12701 MACU_T1	0	0	0	0	0	0	0.1	0.088	0	0	0	0	0	0
11/11/2023 0:30	53901 HAU_T2	0	12	12	0	0.1	0.1	0	0	0	0	0	0	0	0
11/11/2023 0:37	59003 MIFF_T1	0	0	0	0	0	0	0.26	0.25	0	0	0	0	0	0
11/11/2023 0:39	59003 MIFF_T1	0	0	0	0	0	0	0.26	0.25	0	0	0	0	0	0
11/11/2023 0:48	66503 SMAN_T2	1	5	4	0.1	0.12	0.02	0	0	0	0	0	0	0	0
11/11/2023 1:00	57401 SPAN_T1	2	0	-2	0.15	0	-0.15	-1.01	-0.99	1	1	0	600	600	0
11/11/2023 1:52	66901 SHIL_T2	1	1	0	1.1	1.2	0.1	-1.81	-1.82	1	1	0	1200	1200	0
11/11/2023 2:21	40101 HUNT_T2	0	0	0	0	0	0	-0.78	-0.81	0	0	0	0	0	0
11/11/2023 2:36	65001 NEFF_T2	0	1	1	0	0.1	0.1	-1.42	-1.42	1	1	0	1200	1200	0
11/11/2023 5:50	40101 HUNT_T2	0	0	0	0	0	0	-0.75	-0.77	0	0	0	0	0	0
11/11/2023 7:58	40101 HUNT_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/11/2023 8:01	40101 HUNT_T2	0	1	1	0	0	0	-0.71	-0.68	0	0	0	0	0	0
11/11/2023 8:02	65001 NEFF_T2	0	0	0	0	0	0	-1.21	-1.23	1	1	0	1200	1200	0
11/11/2023 8:04	45302 WBER_T2	1	1	0	0.3	0	-0.3	0	0	0	0	0	0	0	0
11/11/2023 8:07	45902 AUBU_T1	0	1	1	0	0.6	0.6	-0.72	-0.73	1	1	0	600	600	0
11/11/2023 8:07	43402 BENT_T1	0	0	0	0	0	0	-3.16	-3.06	4	4	0	3000	3000	0
11/11/2023 8:08	46203 DANV_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/11/2023 8:08	45901 AUBU_T1	0	0	0	0	0	0	1	0.94	0	0	0	0	0	0
11/11/2023 8:10	45902 AUBU_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/11/2023 8:10	46203 DANV_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/11/2023 8:11	46203 DANV_T2	0	0	0	0	0	0	-2.63	-2.6	0	0	0	0	0	0
11/11/2023 8:11	46801 HEPB_T2	0	0	0	0	0	0	0.57	0.54	0	0	0	0	0	0
11/11/2023 8:15	58402 MORO_T1	0	0	0	0	0	0	-2.25	-2.26	3	3	0	2400	2400	0
11/11/2023 8:19	58402 MORO_T1	0	0	0	0	0	0	-2.25	-2.26	3	3	0	2400	2400	0
11/11/2023 8:21	59101 WALK_T2	1	0	-1	0	0	0	1.54	1.58	0	0	0	0	0	0
11/11/2023 8:21	49803 UNIV_T1	0	0	0	0	0	0	-1.14	-1.15	0	0	0	0	0	0
11/11/2023 8:24	45501 DERR_T2	0	0	0	0	0	0	-0.59	-0.6	2	2	0	1800	1800	0
11/11/2023 8:27	43402 BENT_T1	0	0	0	0	0	0	-1.56	-1.55	2	2	0	1500	1500	0
11/11/2023 8:27	45501 DERR_T2	0	0	0	0	0	0	-0.6	-0.63	2	2	0	1800	1800	0
11/11/2023 8:29	43402 BENT_T1	0	0	0	0	0	0	-1.56	-1.55	2	2	0	1500	1500	0
11/11/2023 8:33	55002 NEWP_T1	0	4	4	0	0.28	0.28	-0.2	-0.19	0	0	0	0	0	0
11/11/2023 8:53	45902 AUBU_T1	1	2	1	0.8	0.9	0.1	0	0	0	0	0	0	0	0
11/11/2023 8:59	58402 MORO_T1	0	0	0	0	0	0	-2.31	-2.31	3	3	0	2400	2400	0
11/11/2023 9:00	53901 HAU_T2	2	1	-1	0.1	0.2	0.1	0	0	0	0	0	0	0	0
11/11/2023 9:00	52503 PROG_T2	0	0	0	0	0	0	-0.65	-0.64	1	1	0	900	900	0
11/11/2023 9:00	43402 BENT_T1	0	0	0	0	0	0	-1.54	-1.55	2	2	0	1500	1500	0
11/11/2023 9:00	56504 ROCK_T2	0	0	0	0	0	0	-0.07	-0.02	0	0	0	0	0	0
11/11/2023 9:00	42901 MIDD_T2	51	125	74	0.15	0.23	0.08	0	0	0	0	0	0	0	0
11/11/2023 9:00	46203 DANV_T2	0	7	7	0	0.37	0.37	-2.61	-2.66	0	0	0	0	0	0
11/11/2023 9:00	20403 ASHF_T2	0	2	2	0	0.4	0.4	0.26	0.29	0	0	0	0	0	0
11/11/2023 9:00	64802 MONE_T2	0	0	0	0	0	0	0.3	0.31	0	0	0	0	0	0
11/11/2023 9:01	28403 HART_T2	0	0	0	0	0	0	-0.7	-0.7	1	1	0	900	900	0
11/11/2023 9:05	66503 SMAN_T2	0	0	0	0	0	0	-0.78	-0.76	0	0	0	0	0	0
11/11/2023 9:05	67201 TEHI_T1	0	1	1	0	0.3	0.3	0.06	-0.05	1	1	0	900	900	0
11/11/2023 9:07	67803 WLAN_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/11/2023 9:08	46203 DANV_T2	0	7	7	0	0.37	0.37	0	0	0	0	0	0	0	0
11/11/2023 9:09	45502 DERR_T2	1	0	-1	0.5	0	-0.5	0	0	0	0	0	0	0	0
11/11/2023 9:09	46203 DANV_T2	0	7	7	0	0.37	0.37	-2.61	-2.66	0	0	0	0	0	0
11/11/2023 9:10	46203 DANV_T2	0	7	7	0	0.37	0.37	0	0	0	0	0	0	0	0
11/11/2023 9:10	43401 BENT_T1	3	3	0	0.57	0.7	0.13	0	0	0	0	0	0	0	0
11/11/2023 9:10	45901 AUBU_T1	0	0	0	0	0	0	0.95	0.97	0	0	0	0	0	0
11/11/2023 9:11	46203 DANV_T2	0	7	7	0	0.37	0.37	0	0	0	0	0	0	0	0
11/11/2023 9:11	45502 DERR_T2	1	0	-1	0.5	0	-0.5	0	0	0	0	0	0	0	0
11/11/2023 9:14	46801 HEPB_T2	0	0	0	0	0	0	0.55	0.54	0	0	0	0	0	0
11/11/2023 9:15	55002 NEWP_T1	3	5	2	0.27	0.54	0.27	-0.19	-0.19	0	0	0	0	0	0
11/11/2023 9:15	58402 MORO_T1	0	1	1	0	0.1	0.1	-2.31	-2.4	3	3	0	2400	2400	0
11/11/2023 9:16	52402 GRPA_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/11/2023 9:16	54701 NEBL_T1	0	0	0	0	0	0	0	0	1	1	0	600	600	0
11/11/2023 9:17	40101 HUNT_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/11/2023 9:17	58402 MORO_T1	0	1	1	0	0.1	0.1	-2.31	-2.4	3	3	0	2400	2400	0
11/11/2023 9:18	58402 MORO_T1	0	1	1	0	0.1	0.1	-2.31	-2.4	3	3	0	2400	2400	0
11/11/2023 9:19	49804 UNIV_T1	1	0	-1	0.4	0	-0.4	0	0	0	0	0	0	0	0
11/11/2023 9:20	59101 WALK_T2	1	1	0	0	0	0	1.36	1.43	0	0	0	0	0	0
11/11/2023 9:21	60201 ATGL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/11/2023 9:21	45302 WBER_T2	2	0	-2	0.7	0	-0.7	0	0	0	0	0	0	0	0
11/11/2023 9:22	45901 AUBU_T1	0	1	1	0	0.2	0.2	0	0	0	0	0	0	0	0
11/11/2023 9:22	45302 WBER_T2	2	0	-2	0.7	0	-0.7	0	0	0	0	0	0	0	0
11/11/2023 9:22	13901 SEID_T1	0	0	0	0	0	0	0.27	0.28	0	0	0	0	0	0
11/11/2023 9:23	10705 CATA_T2	0	1	1	0	0.4	0.4	-0.9	-0.94	1	1	0	900	900	0
11/11/2023 9:23	45902 AUBU_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/11/2023 9:26	67804 WLAN_T1	0	1	1	0	0.2	0.2	0	0	0	0	0	0	0	0
11/11/2023 9:30	29402 BELT_T1	3	3	0	2.8	2.83	0.03	0	0	0	0	0	0	0	0
11/11/2023 9:32	29402 BELT_T1	3	3	0	2.8	2.83	0.03	0	0	0	0	0	0	0	0
11/11/2023 9:37	45901 AUBU_T1	0	1	1	0	0.2	0.2	0	0	0	0	0	0	0	0
11/11/2023 9:38	45901 AUBU_T1	0	1	1	0	0.2	0.2	0.95	0.99	0	0	0	0	0	0
11/11/2023 9:38	45902 AUBU_T1	2	2	0	1.35	1.25	-0.1	-0.74	-0.72	1	1	0	600	600	0
11/11/2023 9:40	45902 AUBU_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/11/2023 9:42	56501 ROCK_T2	79	162	83	0.2	0.23	0.03	-1.5	-1.52	0	0	0	0	0	0
11/11/2023 9:43	52403 GRPA_T2	7	29	22	0.53	0.8	0.27	-0.04	-0.01	0	0	0	0	0	0
11/11/2023 9:45	43201 MVIL_T2	0	0	0	0	0	0	-1.32	-1.29	0	0	0	0	0	0
11/11/2023 9:47	41901 REED_T1	2	3	1	0.3	0.3	0	2.12	2.11	1	1	0	900	900	0
11/11/2023 9:47	64101 REFR_T1	0	1	1	0	0	0	-0.13	-0.1	0	0	0	0	0	0
11/11/2023 9:48	66504 SMAN_T2	0	0	0	0	0	0	-1.78	-0.35	0	0	0	0	0	0
11/11/2023 9:48	64101 REFR_T1	0	1	1	0	0	0	-0.26	-0.2	0	0	0	0	0	0
11/11/2023 9:49	42001 MNVL_T2	0	0	0	0	0	0	0.03	0.01	0	0	0	0	0	0
11/11/2023 9:49	64101 REFR_T1	0	1	1	0	0	0	-0.26	-0.2	0	0	0	0	0	0
11/11/2023 9:50	64101 REFR_T1	0	1	1	0	0	0	-0.13	-0.1	0	0	0	0	0	0
11/11/2023 9:51	66502 SMAN_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/11/2023 9:51	59101 WALK_T2	1	1	0	0	0	0	1.46	1.19	0	0	0	0	0	0
11/11/2023 9:52	43001 ALWD_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/11/2023 9:52	56802 BENV_T2	1	1	0	0.4	0.6	0.2	-1.37	-1.4	0	0	0	0	0	0
11/11/2023 9:53	66502 SMAN_T2	0	0	0	0	0	0	0	0	1	1	0	900	900	0
11/11/2023 9:53	56802 BENV_T2	1	1	0	0.4	0.6	0.2	-1.37	-1.4	0	0	0	0	0	0
11/11/2023 9:55	43001 ALWD_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/11/2023 9:56	56802 BENV_T2	1	1	0	0.4	0.6	0.2	-1.4	-1.4	0	0	0	0	0	0
11/11/2023 9:57	46801 HEPB_T2	0	0	0	0	0	0	0.56	0.56	0	0	0	0	0	0
11/11/2023 9:58	26402 INOR_T1	0	1	1	0	0	0	-0.37	-0.4	0	0	0	0	0	0
11/11/2023 10:00	26401 INOR_T1	39	28	-11	0.21	0.17	-0.04	0.26	0.26	0	0	0	0	0	0
11/11/2023 10:00	26401 INOR_T1	39	28	-11	0.21	0.17	-0.04	0.26	0.26	0	0	0	0	0	0
11/11/2023 10:03	66502 SMAN_T2	0	1	1	0	0.1	0.1	0	0	0	0	0	0	0	0
11/11/2023 10:03	64101 REFR_T1	0	1	1	0	0	0	-0.1	-0.05	0	0	0	0	0	0
11/11/2023 10:03	57401 SPAN_T1	5	14	9	0.16	0.35	0.19	-1.2	-1.16	1	1	0	600	600	0
11/11/2023 10:03	41902 REED_T1	0	2	2	0	0	0	0.88	0.84	0	0	0	0	0	0
11/11/2023 10:04	13901 SEID_T1	0	0	0	0	0	0	0.23	0.23	0	0	0	0	0	0
11/11/2023 10:05	43001 ALWD_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/11/2023 10:06	41901 REED_T1	2	3	1	0.3	0.3	0	0	0	0	0	0	0	0	0
11/11/2023 10:06	14401 SSLA_T1	0	1	1	0	0.2	0.2	0	0	0	0	0	0	0	0
11/11/2023 10:06	57401 SPAN_T1	5	14	9	0.16	0.35	0.19	-1.2	-1.16	1	1	0	600	600	0
11/11/2023 10:06	64101 REFR_T1	0	1	1	0	0	0	-0.1	-0.05	0	0	0	0	0	0
11/11/2023 10:07	57401 SPAN_T1	5	14	9	0.16	0.35	0.19	-1.2	-1.16	1	1	0	600	600	0
11/11/2023 10:07	67605 WARW_T1	4	3	-1	0.35	0.6	0.25	-1.2	-1.26	0	0	0	0	0	0
11/11/2023 10:07	14401 SSLA_T1	0	1	1	0	0.2	0.2	0	0	0	0	0	0	0	0
11/11/2023 10:07	43304 WATS_T2	0	1	1	0	0	0	-0.69	-0.66	0	0	0	0	0	0
11/11/2023 10:08	41602 CLEV_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/11/2023 10:08	67503 WEWI_T2	0	0	0	0	0	0	-0.33	-0.32	0	0	0	0	0	0
11/11/2023 10:08	67503 WEWI_T2	0	0	0	0	0	0	-0.33	-0.32	0	0	0	0	0	0
11/11/2023 10:08	43304 WATS_T2	0	1	1	0	0	0	-1.38	-1.33	0	0	0	0	0	0
11/11/2023 10:09	20402 ASHF_T2	0	1	1	0	0.2	0.2	0	0	0	0	0	0	0	0
11/11/2023 10:09	67502 WEWI_T2	8	8	0	0.24	0.39	0.15	-1.35	-1.38	1	1	0	900	900	0
11/11/2023 10:09	43304 WATS_T2	0	1	1	0	0	0	-0.69	-0.66	0	0	0	0	0	0
11/11/2023 10:09	43001 ALWD_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/11/2023 10:09	45902 AUBU_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/11/2023 10:10	20403 ASHF_T2	4	4	0	0.28	0.5	0.22	0.22	0.18	0	0	0	0	0	0
11/11/2023 10:10	67502 WEWI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/11/2023 10:10	42701 AUGU_T1	0	0	0	0	0	0	0	0	2	2	0	1800	1800	0
11/11/2023 10:11	53903 HAU_T2	2	3	1	0.25	0.77	0.52	-0.14	-0.12	0	0	0	0	0	0
11/11/2023 10:11	43402 BENT_T1	2	2	0	0.25	0.2	-0.05	-1.55	-1.56	2	2	0	1500	1500	0
11/11/2023 10:12	42701 AUGU_T1	0	0	0	0	0	0	0	0	2	2	0	1800	1800	0
11/11/2023 10:13	46801 HEPB_T2	0	0	0	0	0	0	0.56	0.56	0	0	0	0	0	0
11/11/2023 10:13	12701 MACU_T1	0	0	0	0	0	0	0.08	0.05	0	0	0	0	0	0
11/11/2023 10:14	40902 JESH_T1	0	0	0	0	0	0	-0.7	-0.66	1	1	0	600	600	0
11/11/2023 10:15	45003 LIME_2	1	1	0	3	3.8	0.8	0	0	0	0	0	0	0	0
11/11/2023 10:15	53903 HAU_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/11/2023 10:16	45003 LIME_2	1	1	0	3	3.8	0.8	0	0	0	0	0	0	0	0
11/11/2023 10:16	26401 INOR_T1	27	18	-9	0.17	0.16	-0.01	0	0	0	0	0	0	0	0
11/11/2023

Appendix C - Grid Benefits Achieved in Each Instance of Active Management

11/11/2023 10:34	50701 SMEC_T1	0	0	0	0	0	0	-0.92	-0.92	1	1	0	900	900	0
11/11/2023 10:35	67201 TEHI_T1	1	3	2	0.7	0.37	-0.33	0.2	0.19	1	1	0	900	900	0
11/11/2023 10:35	57403 SPAN_T1	2	3	1	0.15	0.37	0.22	0	0	0	0	0	0	0	0
11/11/2023 10:35	16302 ALPA_T2	0	1	1	0	0.1	0.1	0.52	0.51	0	0	0	0	0	0
11/11/2023 10:36	51004 NHAR_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/11/2023 10:37	16302 ALPA_T2	0	1	1	0	0.1	0.1	0.52	0.51	0	0	0	0	0	0
11/11/2023 10:38	44302 BEAV_T2	386	462	76	0.55	0.65	0.1	0.5	0.46	0	0	0	0	0	0
11/11/2023 10:39	16302 ALPA_T2	0	1	1	0	0.1	0.1	0.52	0.51	0	0	0	0	0	0
11/11/2023 10:39	44301 BEAV_T2	13	13	0	0.42	0.51	0.09	0	0	0	0	0	0	0	0
11/11/2023 10:40	44302 BEAV_T2	386	462	76	0.55	0.65	0.1	0.25	0.23	0	0	0	0	0	0
11/11/2023 10:40	16302 ALPA_T2	0	1	1	0	0.1	0.1	0.52	0.51	0	0	0	0	0	0
11/11/2023 10:41	44301 BEAV_T2	13	13	0	0.42	0.51	0.09	0	0	0	0	0	0	0	0
11/11/2023 10:41	40101 HUNT_T2	0	0	0	0	0	0	-0.62	-0.62	0	0	0	0	0	0
11/11/2023 10:42	41801 GOCI_T2	0	2	2	0	0.25	0.25	0	0	0	0	0	0	0	0
11/11/2023 10:44	28604 BLYT_T2	0	0	0	0	0	0	-1.37	-1.38	0	0	0	0	0	0
11/11/2023 10:44	41801 GOCI_T2	0	2	2	0	0.25	0.25	0	0	0	0	0	0	0	0
11/11/2023 10:45	54701 NEBL_T1	0	0	0	0	0	0	0	0	1	1	0	600	600	0
11/11/2023 10:45	40101 HUNT_T2	0	0	0	0	0	0	-0.62	-0.62	0	0	0	0	0	0
11/11/2023 10:46	26401 INOR_T1	1	19	18	0.2	0.17	-0.03	0	0	0	0	0	0	0	0
11/11/2023 10:47	52502 PROG_T2	0	0	0	0	0	0	-0.64	-0.64	1	1	0	900	900	0
11/11/2023 10:48	42903 MIDD_T2	54	165	111	0.32	0.48	0.16	0	0	0	0	0	0	0	0
11/11/2023 10:48	65902 SAKR_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/11/2023 10:48	56504 ROCK_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/11/2023 10:48	52502 PROG_T2	0	0	0	0	0	0	-0.64	-0.64	1	1	0	900	900	0
11/11/2023 10:49	57404 SPAN_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/11/2023 10:49	57401 SPAN_T1	19	16	-3	0.29	0.32	0.03	-1.19	-1.23	1	1	0	600	600	0
11/11/2023 10:49	52502 PROG_T2	0	0	0	0	0	0	-0.64	-0.64	1	1	0	900	900	0
11/11/2023 10:49	55002 NEWP_T1	5	9	4	0.88	0.74	-0.14	-0.18	-0.18	0	0	0	0	0	0
11/11/2023 10:50	57401 SPAN_T1	19	16	-3	0.29	0.32	0.03	-1.19	-1.23	1	1	0	600	600	0
11/11/2023 10:50	56504 ROCK_T2	1	1	0	0.1	0.3	0.2	-0.23	-0.22	0	0	0	0	0	0
11/11/2023 10:50	56501 ROCK_T2	237	204	-33	0.28	0.28	0	-1.57	-1.6	0	0	0	0	0	0
11/11/2023 10:50	40602 PIGR_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/11/2023 10:50	55002 NEWP_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/11/2023 10:51	57401 SPAN_T1	19	16	-3	0.29	0.32	0.03	-1.19	-1.23	1	1	0	600	600	0
11/11/2023 10:51	54701 NEBL_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/11/2023 10:52	67502 WEWI_T2	53	29	-24	0.24	0.31	0.07	0	0	0	0	0	0	0	0
11/11/2023 10:52	57402 SPAN_T2	0	1	1	0	0.1	0.1	0	0	0	0	0	0	0	0
11/11/2023 10:52	27502 WEIS_T2	0	0	0	0	0	0	-0.02	0.01	0	0	0	0	0	0
11/11/2023 10:52	40602 PIGR_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/11/2023 10:53	60201 ATGL_T2	1	1	0	0.1	0.1	0	0.17	0.19	0	0	0	0	0	0
11/11/2023 10:53	45402 WBLO_T2	2	3	1	0.7	0.63	-0.07	0	0	0	0	0	0	0	0
11/11/2023 10:54	54504 ENOL_T2	0	1	1	0	0.3	0.3	-1.05	-1.09	1	1	0	600	600	0
11/11/2023 10:54	54501 ENOL_T2	0	3	3	0	0.2	0.2	0	0	0	0	0	0	0	0
11/11/2023 10:54	59102 WALK_T2	1	1	0	0.1	0.3	0.2	0	0	0	0	0	0	0	0
11/11/2023 10:54	45501 DERR_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/11/2023 10:55	45501 DERR_T2	0	0	0	0	0	0	-0.64	-0.53	2	2	0	1800	1800	0
11/11/2023 10:56	48901 FOSP_T2	0	0	0	0	0	0	-0.43	-0.44	1	1	0	600	600	0
11/11/2023 10:56	54504 ENOL_T2	0	1	1	0	0.3	0.3	0	0	0	0	0	0	0	0
11/11/2023 10:56	45902 AUBU_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/11/2023 10:56	44302 BEAV_T2	434	450	16	0.59	0.74	0.15	0.26	0.23	0	0	0	0	0	0
11/11/2023 10:57	46801 HEPB_T2	0	0	0	0	0	0	0.57	0.61	0	0	0	0	0	0
11/11/2023 10:57	45501 DERR_T2	0	0	0	0	0	0	-0.53	-0.54	2	2	0	1800	1800	0
11/11/2023 10:58	54504 ENOL_T2	0	1	1	0	0.3	0.3	0	0	0	0	0	0	0	0
11/11/2023 10:58	48901 FOSP_T2	0	0	0	0	0	0	-0.43	-0.44	1	1	0	600	600	0
11/11/2023 10:59	42902 MIDD_T2	167	234	67	0.47	0.67	0.2	0	0	0	0	0	0	0	0
11/11/2023 10:59	42902 MIDD_T2	167	234	67	0.47	0.67	0.2	0	0	0	0	0	0	0	0
11/11/2023 10:59	48901 FOSP_T2	0	0	0	0	0	0	-0.43	-0.44	1	1	0	600	600	0
11/11/2023 11:00	64801 MONE_T2	0	0	0	0	0	0	0.27	0.28	0	0	0	0	0	0
11/11/2023 11:00	42902 MIDD_T2	207	270	63	0.58	0.7	0.12	0	0	0	0	0	0	0	0
11/11/2023 11:00	42902 MIDD_T2	207	270	63	0.58	0.7	0.12	0	0	0	0	0	0	0	0
11/11/2023 11:01	52006 LING_T2	3	3	0	0.73	0.87	0.14	0	0	0	0	0	0	0	0
11/11/2023 11:02	42901 MIDD_T2	458	729	271	0.43	0.52	0.09	0	0	0	0	0	0	0	0
11/11/2023 11:02	51004 NHAR_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/11/2023 11:03	42902 MIDD_T2	207	270	63	0.58	0.7	0.12	0	0	0	0	0	0	0	0
11/11/2023 11:03	13702 SCHN_T1	0	0	0	0	0	0	-0.56	-0.48	0	0	0	0	0	0
11/11/2023 11:04	59101 WALK_T2	1	3	2	0	0.55	0.55	1.48	1.47	0	0	0	0	0	0
11/11/2023 11:04	44601 SALE_T2	0	0	0	0	0	0	-0.13	-0.09	0	0	0	0	0	0
11/11/2023 11:05	59102 WALK_T2	1	1	0	0.2	0.3	0.1	0	0	0	0	0	0	0	0
11/11/2023 11:05	66502 SMAN_T2	0	0	0	0	0	0	0	0	1	1	0	900	900	0
11/11/2023 11:05	52501 PROG_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/11/2023 11:06	44302 BEAV_T2	414	462	48	0.66	0.84	0.18	0.26	0.23	0	0	0	0	0	0
11/11/2023 11:06	57403 SPAN_T1	3	3	0	0.37	0.5	0.13	0.07	0.11	0	0	0	0	0	0
11/11/2023 11:06	58001 WCAR_T1	4	4	0	0.73	0.45	-0.28	0	0	0	0	0	0	0	0
11/11/2023 11:06	49803 UNIV_T1	2	2	0	3.8	0.55	-3.25	-1.13	-1.18	0	0	0	0	0	0
11/11/2023 11:07	66505 SMAN_T2	0	0	0	0	0	0	0	0	2	2	0	1100	1100	0
11/11/2023 11:07	44601 SALE_T2	0	0	0	0	0	0	-0.13	-0.09	0	0	0	0	0	0
11/11/2023 11:07	67204 TEHI_T2	2	18	16	0.3	0.15	-0.15	0.14	0.11	0	0	0	0	0	0
11/11/2023 11:08	57403 SPAN_T1	3	3	0	0.37	0.5	0.13	0.07	0.11	0	0	0	0	0	0
11/11/2023 11:08	66502 SMAN_T2	0	0	0	0	0	0	0	0	1	1	0	900	900	0
11/11/2023 11:09	57403 SPAN_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/11/2023 11:09	67502 WEWI_T2	29	10	-19	0.31	0.4	0.09	0	0	0	0	0	0	0	0
11/11/2023 11:09	44301 BEAV_T2	11	30	19	0.51	0.45	-0.06	0	0	0	0	0	0	0	0
11/11/2023 11:09	46203 DANV_T2	2	2	0	0.75	0.65	-0.1	-1.45	-1.45	0	0	0	0	0	0
11/11/2023 11:10	41801 GOCI_T2	2	1	-1	0.25	0.2	-0.05	0	0	0	0	0	0	0	0
11/11/2023 11:10	48901 FOSP_T2	0	0	0	0	0	0	-0.43	-0.44	1	1	0	600	600	0
11/11/2023 11:10	56802 BENV_T2	2	4	2	0.65	0.28	-0.37	-1.44	-1.41	0	0	0	0	0	0
11/11/2023 11:10	46203 DANV_T2	2	2	0	0.75	0.65	-0.1	0	0	0	0	0	0	0	0
11/11/2023 11:11	54501 ENOL_T2	3	0	-3	0.2	0	-0.2	0	0	0	0	0	0	0	0
11/11/2023 11:11	54501 ENOL_T2	3	0	-3	0.2	0	-0.2	0	0	0	0	0	0	0	0
11/11/2023 11:11	46203 DANV_T2	2	2	0	0.75	0.65	-0.1	0	0	0	0	0	0	0	0
11/11/2023 11:11	44301 BEAV_T2	11	30	19	0.51	0.45	-0.06	0	0	0	0	0	0	0	0
11/11/2023 11:11	43402 BENT_T1	2	1	-1	0.25	0.1	-0.15	-1.58	-1.58	2	2	0	1500	1500	0
11/11/2023 11:12	54505 ENOL_T2	1	1	0	1	0.9	-0.1	0	0	0	0	0	0	0	0
11/11/2023 11:12	26401 INOR_T1	19	1	-18	0.17	0.1	-0.07	0	0	0	0	0	0	0	0
11/11/2023 11:12	44301 BEAV_T2	11	30	19	0.51	0.45	-0.06	0	0	0	0	0	0	0	0
11/11/2023 11:12	21606 EYNO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/11/2023 11:13	48901 FOSP_T2	0	0	0	0	0	0	-0.44	-0.43	1	1	0	600	600	0
11/11/2023 11:17	42902 MIDD_T2	227	307	80	0.67	0.74	0.07	-0.54	-0.54	0	0	0	0	0	0
11/11/2023 11:20	59102 WALK_T2	1	0	-1	0.3	0	-0.3	0	0	0	0	0	0	0	0
11/11/2023 11:20	15103 UPHA_T2	2	2	0	0.55	0.3	-0.25	0.35	0.34	0	0	0	0	0	0
11/11/2023 11:21	44301 BEAV_T2	15	35	20	0.48	0.5	0.02	-0.23	-0.22	0	0	0	0	0	0
11/11/2023 11:22	54504 ENOL_T2	1	1	0	0.3	0.2	-0.1	0	0	0	0	0	0	0	0
11/11/2023 11:22	67201 TEHI_T1	3	2	-1	0.73	0.2	-0.53	0.16	-0.06	1	1	0	900	900	0
11/11/2023 11:22	56802 BENV_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/11/2023 11:22	66701 STRA_T1	1	1	0	1.1	0.1	-1	0	0	0	0	0	0	0	0
11/11/2023 11:24	56802 BENV_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/11/2023 11:24	46004 BERW_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/11/2023 11:24	59102 WALK_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/11/2023 11:25	56802 BENV_T2	1	4	3	0.6	0.3	-0.3	-1.41	-1.43	0	0	0	0	0	0
11/11/2023 11:26	56802 BENV_T2	1	4	3	0.6	0.3	-0.3	-1.43	-1.43	0	0	0	0	0	0
11/11/2023 11:27	40902 JESH_T1	0	0	0	0	0	0	-0.72	-0.74	1	1	0	600	600	0
11/11/2023 11:28	26401 INOR_T1	0	2	2	0	0.1	0.1	0	0	0	0	0	0	0	0
11/11/2023 11:29	42002 MNVL_T2	1	1	0	5	4.5	-0.5	0	0	0	0	0	0	0	0
11/11/2023 11:29	43402 BENT_T1	1	0	-1	0.1	0	-0.1	-1.57	-1.58	2	2	0	1500	1500	0
11/11/2023 11:31	64801 MONE_T2	0	0	0	0	0	0	0.26	0.28	0	0	0	0	0	0
11/11/2023 11:32	64101 REFR_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/11/2023 11:32	12202 FOGE_T2	173	215	42	0.54	0.56	0.02	0	0	1	1	0	600	600	0
11/11/2023 11:33	65001 NEFF_T2	1	0	-1	0.1	0	-0.1	-1.21	-1.23	1	1	0	1200	1200	0
11/11/2023 11:33	64101 REFR_T1	2	2	0	0.4	0.35	-0.05	-0.3	-0.24	0	0	0	0	0	0
11/11/2023 11:34	64101 REFR_T1	2	2	0	0.4	0.35	-0.05	-0.1	-0.08	0	0	0	0	0	0
11/11/2023 11:34	13901 SEID_T1	0	0	0	0	0	0	0.22	0.2	0	0	0	0	0	0
11/11/2023 11:35	64101 REFR_T1	2	2	0	0.4	0.35	-0.05	-0.1	-0.08	0	0	0	0	0	0
11/11/2023 11:35	16301 ALPA_T1	3	3	0	0.2	0.2	0	-0.47	-0.46	0	0	0	0	0	0
11/11/2023 11:36	59102 WALK_T2	0	5	5	0	0.48	0.48	0	0	0	0	0	0	0	0
11/11/2023 11:36	13702 SCHN_T1	0	0	0	0	0	0	-0.54	-0.55	0	0	0	0	0	0
11/11/2023 11:36	16301 ALPA_T1	3	3	0	0.2	0.2	0	-0.94	-0.92	0	0	0	0	0	0
11/11/2023 11:36	16302 ALPA_T2	1	1	0	0.1	0.2	0.1	0.5	0.54	0	0	0	0	0	0
11/11/2023 11:37	12203 FOGE_T2	1	1	0	0.2	0.1	-0.1	0	0	0	0	0	0	0	0
11/11/2023 11:37	16301 ALPA_T1	3	3	0	0.2	0.2	0	-0.47	-0.46	0	0	0	0	0	0
11/11/2023 11:37	64101 REFR_T1	2	2	0	0.4	0.35	-0.05	-0.1	-0.08	0	0	0	0	0	0
11/11/2023 11:37	16302 ALPA_T2	1	1	0	0.1	0.2	0.1	0.5	0.54	0	0	0	0	0	0
11/11/2023 11:38	15001 BLMO_T1	2	2	0	0.5	0.6	0.1	0	0	0	0	0	0	0	0
11/11/2023 11:38	16302 ALPA_T2	1	1	0	0.1	0.2	0.1	0.5	0.54	0	0	0	0	0	0
11/11/2023 11:39	67803 WLAN_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/11/2023 11:39	15001 BLMO_T1	2	2	0	0.5	0.6	0.1	0	0	0	0	0	0	0	0
11/11/2023 11:40	16302 ALPA_T2	1	1	0	0.1	0.2	0.1	0.5	0.54	0	0	0	0	0	0
11/11/2023 11:40	10805 CHHI_T2	7	7	0	2.27	8.4	6.13	-1.36	-1.33	0	0	0	0	0	0
11/11/2023 11:41	54505 ENOL_T2	1	1	0	0.8	1	0.2	0	0	0	0	0	0	0	0
11/11/2023 11:41	15001 BLMO_T1	2	2	0	0.5	0.6	0.1	0	0	0	0	0	0	0	0
11/11/2023 11:42	66502 SMAN_T2	0	0	0	0	0	0	0	0	1	1	0	900	900	0
11/11/2023 11:42	41801 GOCI_T2	0	5	5	0	0.52	0.52	0	0	0	0	0	0	0	0
11/11/2023 11:43	66502 SMAN_T2	0	0	0	0	0	0	0	0	1	1	0	900	900	0
11/11/2023 11:43	66505 SMAN_T2	0	0	0	0	0	0	0	0	2	2	0	1100	1100	0
11/11/2023 11:43	41801 GOCI_T2	0	5	5	0	0.52	0.52	0	0	0	0	0	0	0	0
11/11/2023 11:43	66503 SMAN_T2	0	0	0	0	0	0	-0.63	-0.62	0	0	0	0	0	0
11/11/2023 11:43	54501 ENOL_T2	0	2	2	0	0.1	0.1	-0.56	-0.52	1	1	0	600	600	0
11/11/2023 11:43	66505 SMAN_T2	0	0	0	0	0	0	0	0	2	2	0	1100	1100	0
11/11/2023 11:43	26402 INOR_T1	0	0	0	0	0	0	-0.39	-0.36	0	0	0	0	0	0
11/11/2023 11:44	66505 SMAN_T2	0	0	0	0	0	0	0	0	2	2	0	1100	1100	0
11/11/2023 11:44	54502 ENOL_T2	2	1	-1	0.15	0.1	-0.05	-2.04	-2.06	1	1	0	600	600	0
11/11/2023 11:44	66505 SMAN_T2	0	0	0	0	0	0	0	0	2	2	0	1100	1100	0
11/11/2023 11:44	26401 INOR_T1	1	1	0	0.1	0.2	0.1	0	0	0	0	0	0	0	0
11/11/2023 11:45	41801 GOCI_T2	1	7	6	0.2	0.51	0.31	0	0	0	0	0	0	0	0
11/11/2023 11:45	26401 INOR_T1	1	1	0	0.1	0.2	0.1	0.25	0.26	0	0	0	0	0	0
11/11/2023 11:46	66502 SMAN_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/11/2023 11:47	66504 SMAN_T2	0	0	0	0	0	0	-0.51	-0.46	0	1	1	0	1200	1200
11/11/2023 11:48	40602 PIGR_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/11/2023 11:49	13905 SEID_T1	1	1	0	0.4	0.5	0.1	0	0	0	0	0	0	0	0
11/11/2023 11:49	40602 PIGR_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/11/2023 11:50	26401 INOR_T1	1	1	0	0.1	0.2	0.1	0	0	0	0	0	0	0	0
11/11/2023 11:50	54206 PENN_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/11/2023 11:51	14802 TREI_T2	0	1	1	0	0.3	0.3	0.31	0.31	0	0	0	0	0	0
11/11/2023 11:51	44301 BEAV_T2	34	44	10	0.51	0.53	0.02	0	0	0	0	0	0	0	0
11/11/2023 11:52	44301 BEAV_T2	34	44	10	0.51	0.53	0.02	0	0	0	0	0	0	0	0
11/11/2023 11:52	50701 SMEC_T1	0	0	0	0	0	0	-0.9	-0.93	1	1	0	900	900	0
11/11/2023 11:53	43402 BENT_T1	0	0	0	0	0	0	-3.16	-3.2	4	4	0	3000	3000	0
11/11/2023 11:53	44302 BEAV_T2	493	519	26	0.86	0.88	0.02	0.24	0.23	0	0	0	0	0	0
11/11/2023 11:53	44302 BEAV_T2	493	519	26	0.86	0.88	0.02	0.24	0.23	0	0	0	0	0	0
11/11/2023 11:53	50701 SMEC_T1	0	0	0	0	0	0	-0.9	-0.93	1	1	0	900	900	0
11/11/2023 11:54	45302 WBER_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/11/2023 11:54	14802 TREI_T2	0	1	1	0	0.3	0.3	0.31	0.31	0	0	0	0	0	0
11/11/2023 11:54	67803 WLAN_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/11/2023 11:55	41801 GOCI_T2	1	7	6	0.2	0.51	0.31	0	0	0	0	0	0	0	0
11/11/2023 11:56	46203 DANV_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/11/2023 11:56	46004 BERW_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/11/2023 11:56	54501 ENOL_T2	0	3	3	0	0.1	0.1	-0.52	-0.55	1	1	0	600	600	0
11/11/2023 11:57	44302 BEAV_T2	493	519	26	0.86	0.88	0.02	0.23	0.25	0	0	0	0	0	0
11/11/2023 11:57	46203 DANV_T2	0	0	0	0	0	0	-2.84	-2.9	0	0	0	0	0	0
11/11/2023 11:58	45001 LIME_2	27	24	-3	0.35	0.24	-0.11	0

Appendix C - Grid Benefits Achieved in Each Instance of Active Management

11/11/2023 13:10	56802 BENV_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/11/2023 13:11	43402 BENT_T1	0	0	0	0	0	0	-1.56	-1.58	2	2	0	1500	1500	0
11/11/2023 13:11	41801 GOCI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/11/2023 13:14	41801 GOCI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/11/2023 13:16	64801 MONE_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/11/2023 13:18	66504 SMAN_T2	0	1	1	0	0.3	0.3	-2.14	-2.28	1	1	0	1200	1200	0
11/11/2023 13:21	16301 ALPA_T1	1	1	0	0.2	0.2	0	-0.88	-0.9	0	0	0	0	0	0
11/11/2023 13:21	59101 WALK_T2	1	1	0	0	0	0	3.06	2.94	0	0	0	0	0	0
11/11/2023 13:22	16302 ALPA_T2	0	0	0	0	0	0	0.49	0.49	0	0	0	0	0	0
11/11/2023 13:23	16302 ALPA_T2	0	0	0	0	0	0	0.49	0.49	0	0	0	0	0	0
11/11/2023 13:25	16301 ALPA_T1	1	1	0	0.2	0.2	0	-0.44	-0.45	0	0	0	0	0	0
11/11/2023 13:29	26401 INOR_T1	0	6	6	0	0.13	0.13	0	0	0	0	0	0	0	0
11/11/2023 13:29	45001 LIME_2	28	32	4	0.31	0.38	0.07	0	0	0	0	0	0	0	0
11/11/2023 13:29	42001 MNVL_T2	0	0	0	0	0	0	0.04	0	0	0	0	0	0	0
11/11/2023 13:29	41401 BENT_T1	0	1	1	0	0	0	0	0	0	0	0	0	0	0
11/11/2023 13:30	45002 LIME_2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/11/2023 13:32	45003 LIME_2	2	2	0	2.25	2.25	0	0	0	1	1	0	1200	1200	0
11/11/2023 13:33	45003 LIME_2	2	2	0	2.25	2.25	0	0	0	1	1	0	1200	1200	0
11/11/2023 13:34	64101 REFR_T1	2	4	2	0.85	0.43	-0.42	-0.22	-0.31	0	0	0	0	0	0
11/11/2023 13:34	13901 SEID_T1	0	0	0	0	0	0	0.17	0.16	0	0	0	0	0	0
11/11/2023 13:35	64101 REFR_T1	2	4	2	0.85	0.43	-0.42	-0.11	-0.15	0	0	0	0	0	0
11/11/2023 13:35	54202 PENN_T2	0	0	0	0	0	0	0.54	0.58	0	0	0	0	0	0
11/11/2023 13:36	64101 REFR_T1	2	4	2	0.85	0.43	-0.42	-0.11	-0.15	0	0	0	0	0	0
11/11/2023 13:40	41801 GOCI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/11/2023 13:42	41801 GOCI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/11/2023 13:44	26401 INOR_T1	6	1	-5	0.13	0.2	0.07	0.24	0.24	0	0	0	0	0	0
11/11/2023 13:49	66901 SHIL_T2	32	1	-31	0.16	1	0.84	-1.69	-1.71	1	1	0	1200	1200	0
11/11/2023 13:52	59101 WALK_T2	1	1	0	0	0	0	1.36	1.05	0	0	0	0	0	0
11/11/2023 13:54	54502 ENOL_T2	1	1	0	0.3	0.6	0.3	0	0	0	0	0	0	0	0
11/11/2023 13:56	54502 ENOL_T2	1	1	0	0.3	0.6	0.3	0	0	0	0	0	0	0	0
11/11/2023 13:57	54504 ENOL_T2	0	1	1	0	0	0	0	0	0	0	0	0	0	0
11/11/2023 13:58	45001 LIME_2	2	4	2	0.15	0.13	-0.02	0	0	0	0	0	0	0	0
11/11/2023 13:59	45001 LIME_2	2	4	2	0.15	0.13	-0.02	0	0	0	0	0	0	0	0
11/11/2023 14:05	64101 REFR_T1	4	4	0	0.38	0.28	-0.1	-0.15	-0.14	0	0	0	0	0	0
11/11/2023 14:06	43001 ALWD_T1	0	1	1	0	0	0	0	0	0	0	0	0	0	0
11/11/2023 14:06	12203 FOGE_T2	22	34	12	0.11	0.15	0.04	0	0	0	0	0	0	0	0
11/11/2023 14:06	64101 REFR_T1	4	4	0	0.38	0.28	-0.1	-0.15	-0.14	0	0	0	0	0	0
11/11/2023 14:07	64101 REFR_T1	4	4	0	0.38	0.28	-0.1	-0.31	-0.29	0	0	0	0	0	0
11/11/2023 14:08	59101 WALK_T2	1	1	0	0	0	0	1.05	1.11	0	0	0	0	0	0
11/11/2023 14:10	51604 DUKE_T2	1	4	3	0.2	0.18	-0.02	-1.76	-1.74	1	1	0	900	900	0
11/11/2023 14:10	43001 ALWD_T1	0	1	1	0	0	0	0	0	0	0	0	0	0	0
11/11/2023 14:11	43401 BENT_T1	3	3	0	0.8	0.3	-0.5	0	0	0	0	0	0	0	0
11/11/2023 14:11	46204 DANV_T2	0	0	0	0	0	0	-0.55	-0.59	1	1	0	1200	1200	0
11/11/2023 14:12	41801 GOCI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/11/2023 14:14	41801 GOCI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/11/2023 14:14	57304 MOAL_T2	7	5	-2	0.27	0.24	-0.03	-0.63	-0.6	0	0	0	0	0	0
11/11/2023 14:14	45001 LIME_2	0	7	7	0	0.11	0.11	0	0	0	0	0	0	0	0
11/11/2023 14:15	45001 LIME_2	4	7	3	0.13	0.11	-0.02	0	0	0	0	0	0	0	0
11/11/2023 14:15	26401 INOR_T1	1	21	20	0.2	0.13	-0.07	0	0	0	0	0	0	0	0
11/11/2023 14:16	51604 DUKE_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/11/2023 14:17	26401 INOR_T1	1	21	20	0.2	0.13	-0.07	0.24	0.25	0	0	0	0	0	0
11/11/2023 14:18	44601 SALE_T2	0	0	0	0	0	0	-0.25	-0.27	0	0	0	0	0	0
11/11/2023 14:19	44904 SCOT_T1	0	0	0	0	0	0	0.22	0.23	0	0	0	0	0	0
11/11/2023 14:19	64801 MONE_T2	0	1	1	0	0.2	0.2	0.25	0.26	0	0	0	0	0	0
11/11/2023 14:19	43301 WATS_T2	0	1	1	0	0.2	0.2	0	0	0	0	0	0	0	0
11/11/2023 14:20	64101 REFR_T1	4	1	-3	0.28	0.1	-0.18	-0.14	-0.11	0	0	0	0	0	0
11/11/2023 14:20	43301 WATS_T2	0	1	1	0	0.2	0.2	0	0	0	0	0	0	0	0
11/11/2023 14:21	43301 WATS_T2	0	1	1	0	0.2	0.2	-0.68	-0.66	1	1	0	900	900	0
11/11/2023 14:21	43302 WATS_T2	0	1	1	0	0.1	0.1	0	0	0	0	0	0	0	0
11/11/2023 14:21	44601 SALE_T2	0	0	0	0	0	0	-0.25	-0.27	0	0	0	0	0	0
11/11/2023 14:21	64101 REFR_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/11/2023 14:22	16302 ALPA_T2	0	0	0	0	0	0	0.42	0.43	0	0	0	0	0	0
11/11/2023 14:22	43301 WATS_T2	0	1	1	0	0.2	0.2	0	0	0	0	0	0	0	0
11/11/2023 14:22	64101 REFR_T1	4	1	-3	0.28	0.1	-0.18	-0.14	-0.11	0	0	0	0	0	0
11/11/2023 14:22	13901 SEID_T1	0	0	0	0	0	0	0.17	0.17	0	0	0	0	0	0
11/11/2023 14:23	43304 WATS_T2	0	0	0	0	0	0	-1.25	-1.25	0	0	0	0	0	0
11/11/2023 14:23	64101 REFR_T1	4	1	-3	0.28	0.1	-0.18	-0.14	-0.11	0	0	0	0	0	0
11/11/2023 14:24	46203 DANV_T2	0	0	0	0	0	0	-2.94	-2.88	0	0	0	0	0	0
11/11/2023 14:24	43301 WATS_T2	0	1	1	0	0.2	0.2	0	0	0	0	0	0	0	0
11/11/2023 14:24	45902 AUBU_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/11/2023 14:24	45501 DERR_T2	0	0	0	0	0	0	-0.63	-0.6	2	2	0	1800	1800	0
11/11/2023 14:24	59101 WALK_T2	1	1	0	0	0	0	2.22	2.12	0	0	0	0	0	0
11/11/2023 14:25	45501 DERR_T2	0	0	0	0	0	0	-0.63	-0.6	2	2	0	1800	1800	0
11/11/2023 14:25	45902 AUBU_T1	0	0	0	0	0	0	-1.16	-1.57	0	0	0	0	0	0
11/11/2023 14:25	45901 AUBU_T1	0	0	0	0	0	0	0.94	0.97	0	0	0	0	0	0
11/11/2023 14:25	16302 ALPA_T2	0	0	0	0	0	0	0.42	0.43	0	0	0	0	0	0
11/11/2023 14:26	44302 BEAV_T2	460	463	3	0.61	0.65	0.04	0.24	0.21	0	0	0	0	0	0
11/11/2023 14:26	47901 HRDG_T1	0	0	0	0	0	0	0.78	0.75	0	0	0	0	0	0
11/11/2023 14:26	45901 AUBU_T1	0	0	0	0	0	0	0.97	0.95	0	0	0	0	0	0
11/11/2023 14:26	52402 GRPA_T2	3	3	0	1.5	1.2	-0.3	0	0	0	0	0	0	0	0
11/11/2023 14:26	46203 DANV_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/11/2023 14:26	44302 BEAV_T2	460	463	3	0.61	0.65	0.04	0.24	0.21	0	0	0	0	0	0
11/11/2023 14:26	43401 BENT_T1	3	1	-2	0.4	0	-0.4	0	0	0	0	0	0	0	0
11/11/2023 14:26	45501 DERR_T2	0	0	0	0	0	0	-1.2	-1.22	4	4	0	3600	3600	0
11/11/2023 14:26	61303 EARL_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/11/2023 14:26	45901 AUBU_T1	0	0	0	0	0	0	0.97	0.95	0	0	0	0	0	0
11/11/2023 14:27	66502 SMAN_T2	0	0	0	0	0	0	0	0	2	2	0	1800	1800	0
11/11/2023 14:27	26401 INOR_T1	1	21	20	0.2	0.13	-0.07	0.25	0.25	0	0	0	0	0	0
11/11/2023 14:28	45902 AUBU_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/11/2023 14:28	66505 SMAN_T2	0	3	3	0	0.2	0.2	0	0	2	2	0	1100	1100	0
11/11/2023 14:28	41801 GOCI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/11/2023 14:29	43401 BENT_T1	3	1	-2	0.4	0	-0.4	0	0	0	0	0	0	0	0
11/11/2023 14:29	29402 BELT_T1	1	1	0	7.2	8.1	0.9	0	0	0	0	0	0	0	0
11/11/2023 14:29	66502 SMAN_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/11/2023 14:30	66502 SMAN_T2	0	0	0	0	0	0	0	0	1	1	0	900	900	0
11/11/2023 14:30	45003 LIME_2	2	1	-1	2.3	4.4	2.1	0	0	2	2	0	2400	2400	0
11/11/2023 14:30	64801 MONE_T2	1	1	0	0.2	0.2	0	0.26	0.25	0	0	0	0	0	0
11/11/2023 14:30	41801 GOCI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/11/2023 14:31	52402 GRPA_T2	3	2	-1	1.03	1.75	0.72	0	0	0	0	0	0	0	0
11/11/2023 14:31	26401 INOR_T1	21	0	-21	0.13	0	-0.13	0	0	0	0	0	0	0	0
11/11/2023 14:31	52403 GRPA_T2	0	0	0	0	0	0	-0.06	-0.08	0	0	0	0	0	0
11/11/2023 14:31	43401 BENT_T1	1	8	7	0.3	0	-0.3	0	0	0	0	0	0	0	0
11/11/2023 14:31	29402 BELT_T1	1	1	0	8	8.3	0.3	0	0	0	0	0	0	0	0
11/11/2023 14:32	66505 SMAN_T2	1	3	2	0.1	0.2	0.1	0	0	0	0	0	0	0	0
11/11/2023 14:32	29401 BELT_T1	0	0	0	0	0	0	0	0	2	2	0	1800	1800	0
11/11/2023 14:33	64101 REFR_T1	1	0	-1	0.1	0	-0.1	-0.11	-0.15	0	0	0	0	0	0
11/11/2023 14:34	44601 SALE_T2	0	0	0	0	0	0	-0.27	-0.28	0	0	0	0	0	0
11/11/2023 14:34	44904 SCOT_T1	0	0	0	0	0	0	0.23	0.27	0	0	0	0	0	0
11/11/2023 14:35	64101 REFR_T1	1	0	-1	0.1	0	-0.1	-0.11	-0.15	0	0	0	0	0	0
11/11/2023 14:35	64801 MONE_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/11/2023 14:36	44601 SALE_T2	0	0	0	0	0	0	-0.27	-0.28	0	0	0	0	0	0
11/11/2023 14:36	47901 HRDG_T1	0	0	0	0	0	0	0.78	0.75	0	0	0	0	0	0
11/11/2023 14:36	43001 ALWD_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/11/2023 14:36	16302 ALPA_T2	0	0	0	0	0	0	0.43	0.45	0	0	0	0	0	0
11/11/2023 14:37	13901 SEID_T1	0	0	0	0	0	0	0.17	0.18	0	0	0	0	0	0
11/11/2023 14:37	64101 REFR_T1	1	0	-1	0.1	0	-0.1	-0.11	-0.15	0	0	0	0	0	0
11/11/2023 14:37	59101 WALK_T2	1	1	0	0	0	0	1.06	0.98	0	0	0	0	0	0
11/11/2023 14:37	45902 AUBU_T1	0	0	0	0	0	0	-0.52	-0.49	0	0	0	0	0	0
11/11/2023 14:37	16302 ALPA_T2	0	0	0	0	0	0	0.43	0.45	0	0	0	0	0	0
11/11/2023 14:38	42503 ALTA_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/11/2023 14:38	16302 ALPA_T2	0	0	0	0	0	0	0.43	0.45	0	0	0	0	0	0
11/11/2023 14:38	43001 ALWD_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/11/2023 14:39	16302 ALPA_T2	0	0	0	0	0	0	0.43	0.45	0	0	0	0	0	0
11/11/2023 14:39	59101 WALK_T2	1	1	0	0	0	0	5.3	4.9	0	0	0	0	0	0
11/11/2023 14:39	45902 AUBU_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/11/2023 14:40	66505 SMAN_T2	1	3	2	0.1	0.2	0.1	0	0	3	3	0	0	0	0
11/11/2023 14:40	46203 DANV_T2	0	0	0	0	0	0	-2.88	-2.88	0	0	0	0	0	0
11/11/2023 14:40	45902 AUBU_T1	0	0	0	0	0	0	-0.52	-0.49	0	0	0	0	0	0
11/11/2023 14:40	45501 DERR_T2	0	0	0	0	0	0	-0.6	-0.61	2	2	0	1800	1800	0
11/11/2023 14:41	43401 BENT_T1	1	8	7	0.3	0	-0.3	0	0	0	0	0	0	0	0
11/11/2023 14:41	41602 CLEV_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/11/2023 14:41	52402 GRPA_T2	3	2	-1	1.03	1.75	0.72	0	0	0	0	0	0	0	0
11/11/2023 14:41	45902 AUBU_T1	0	0	0	0	0	0	-0.49	-0.41	0	0	0	0	0	0
11/11/2023 14:42	45501 DERR_T2	0	0	0	0	0	0	-0.61	-0.61	2	2	0	1800	1800	0
11/11/2023 14:42	66502 SMAN_T2	0	0	0	0	0	0	0	0	1	1	0	900	900	0
11/11/2023 14:42	66502 SMAN_T2	0	0	0	0	0	0	0	0	1	1	0	900	900	0
11/11/2023 14:42	66504 SMAN_T2	0	0	0	0	0	0	-1.87	-1.8	1	1	0	1200	1200	0
11/11/2023 14:42	52403 GRPA_T2	0	0	0	0	0	0	-0.08	-0.07	0	0	0	0	0	0
11/11/2023 14:42	26401 INOR_T1	21	0	-21	0.13	0	-0.13	0.25	0.23	0	0	0	0	0	0
11/11/2023 14:42	46203 DANV_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/11/2023 14:43	66502 SMAN_T2	0	0	0	0	0	0	0	0	1	1	0	900	900	0
11/11/2023 14:43	66502 SMAN_T2	0	0	0	0	0	0	0	0	1	1	0	900	900	0
11/11/2023 14:45	59302 MCAL_T1	1	1	0	0.6	0.4	-0.2	0	0	0	0	0	0	0	0
11/11/2023 14:45	64801 MONE_T2	1	0	-1	0.2	0	-0.2	0.25	0.25	0	0	0	0	0	0
11/11/2023 14:45	42903 MIDD_T2	71	75	4	0.31	0.3	-0.01	0	0	0	0	0	0	0	0
11/11/2023 14:45	29402 BELT_T1	1	1	0	8.1	8.3	0.2	0	0	0	0	0	0	0	0
11/11/2023 14:45	57304 MOAL_T2	8	5	-3	0.2	0.2	0	-0.62	-0.66	0	0	0	0	0	0
11/11/2023 14:46	63203 MGTN_T1	0	0	0	0	0	0	-0.21	-0.22	1	1	0	600	600	0
11/11/2023 14:46	59301 MCAL_T1	7	19	12	0.41	0.25	-0.16	-1.15	-1.16	0	0	0	0	0	0
11/11/2023 14:47	42902 MIDD_T2	199	211	12	0.5	0.51	0.01	0	0	0	0	0	0	0	0
11/11/2023 14:47	29402 BELT_T1	1	1	0	8.1	8.3	0.2	0	0	0	0	0	0	0	0
11/11/2023 14:47	26401 INOR_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/11/2023 14:47	29401 BELT_T1	0	0	0	0	0	0	0	0	2	2	0	1800	1800	0
11/11/2023 14:47	65001 NEFF_T2	0	0	0	0	0	0	-1.34	-1.33	1	1	0	1200	1200	0
11/11/2023 14:48	42002 MNVL_T2	1	1	0	4.3	4.3	0	-0.85	-0.84	0	0	0	0	0	0
11/11/2023 14:48	42002 MNVL_T2	1	1	0	4.3	4.3	0	-0.85	-0.84	0	0	0	0	0	0
11/11/2023 14:49	51201 MTON_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/11/2023 14:50	64801 MONE_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/11/2023 14:50	44601 SALE_T2	0	0	0	0	0	0	-0.28	-0.27	0	0	0	0	0	0
11/11/2023 14:51	43304 WATS_T2	0	0	0	0	0	0	-1.33	-1.36	0	0	0	0	0	0
11/11/2023 14:51	59402 RFLD_T2	1	1	0	0.3	0.3	0	-0.29	-0.27	0	0	0	0	0	0
11/11/2023 14:52	43302 WATS_T2	1	1	0	0.1	0.2	0.1	0	0	0	0	0	0	0	0
11/11/2023 14:52	43302 WATS_T2	1	1	0	0.1	0.2	0.1	0	0	0	0	0	0	0	0
11/11/2023 14:52	44601 SALE_T2	0	0	0	0	0	0	-0.28	-0.27	0	0	0	0	0	0
11/11/2023 14:52	56801 BENV_T1	8	10	2	0.28	0.42	0.14	-0.8	-0.8	1	1	0	600	600	0
11/11/2023 14:53	43302 WATS_T2	1	1	0	0.1	0.2	0.1	0	0	0	0	0	0	0	0
11/11/2023 14:54	56801 BENV_T1	8	10	2	0.28	0.42	0.14	-0.8	-0.8	1	1	0	600	600	0
11/11/2023 14:55	43302 WATS_T2	1	1	0	0.1	0.2	0.1	0	0	0	0	0	0	0	0
11/11/2023 14:56	41801 GOCI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/11/2023 14:58	46206 DANV_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/11/2023 14:59	41801 GOCI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/11/2023 15:00	17802 GILB_T1	0	0	0	0	0	0	0.04	0.01	0	0	0	0	0	0
11/11/2023 15:01	44201 POIN_T1	0	0	0	0	0	0	-1.66	-1.64	1	1	0	900	900	0
11/11/2023 15:02	26401 INOR_T1	0	1	1	0	0.1	0.1	0	0	0	0	0	0	0	0
11/11/2023 15:03	29402 BELT_T1	1	1	0	8.3	8.2	-0.1	0	0	0	0	0	0	0	0
11/11/2023 15:06	59101 WALK_T2	1	1	0	0	0	0	1.41	1.36	0	0	0	0	0	0
11/11/2023 15:07	44201 POIN_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/11/2023 15:09	45501 DERR_T2	0	0	0	0	0	0	-0.61	-0.61	2	2	0	1800	1800	0
11/11/2023 15:12	45501 DERR_T2	0	0	0	0	0	0	-0.61	-0.6	2	2	0	1800	1800	0
11/11/2023 15:13	26401 INOR_T1	0	1	1	0	0.1	0.1	0	0	0	0	0	0	0	0
11/11/2023 15:13	61303 EARL_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0

11/11/2023 18:34	46206 DANV_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/11/2023 18:34	44302 BEAV_T2	245	287	42	0.43	0.47	0.04	0	0	0	0	0	0	0	0
11/11/2023 18:34	42001 MNVL_T2	0	0	0	0	0	0	0.03	0.05	0	0	0	0	0	0
11/11/2023 18:36	26401 INOR_T1	0	0	0	0	0	0	0.31	0.29	0	0	0	0	0	0
11/11/2023 18:36	12402 MILF_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/11/2023 18:37	41801 GOCI_T2	0	0	0	0	0	0	0	0	0	1	1	0	900	900
11/11/2023 18:38	45902 AUBU_T1	149	101	-48	0.23	0.22	-0.01	-1.09	-1.1	1	1	0	600	600	0
11/11/2023 18:38	45902 AUBU_T1	149	101	-48	0.23	0.22	-0.01	-1.09	-1.1	1	1	0	600	600	0
11/11/2023 18:38	42503 ALTA_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/11/2023 18:38	59101 WALK_T2	1	1	0	0	0	0	0.98	1.04	1	1	0	450	450	0
11/11/2023 18:39	13901 SEID_T1	0	0	0	0	0	0	0.2	0.18	0	0	0	0	0	0
11/11/2023 18:39	40902 JESH_T1	0	0	0	0	0	0	-0.74	-0.73	0	0	0	0	0	0
11/11/2023 18:39	45302 WBER_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/11/2023 18:39	65001 NEFF_T2	0	0	0	0	0	0	-1.39	-1.29	1	1	0	1200	1200	0
11/11/2023 18:40	42902 MIDD_T2	116	138	22	0.34	0.39	0.05	-0.57	-0.6	0	0	0	0	0	0
11/11/2023 18:40	48901 FOSP_T2	0	0	0	0	0	0	-0.46	-0.47	1	1	0	600	600	0
11/11/2023 18:40	45902 AUBU_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/11/2023 18:41	42902 MIDD_T2	116	138	22	0.34	0.39	0.05	-0.6	-0.59	0	0	0	0	0	0
11/11/2023 18:41	41602 CLEV_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/11/2023 18:41	46203 DANV_T2	0	0	0	0	0	0	-1.38	-1.42	0	0	0	0	0	0
11/11/2023 18:41	59101 WALK_T2	1	1	0	0	0	0	4.16	4.52	4	4	0	1800	1800	0
11/11/2023 18:41	48901 FOSP_T2	0	0	0	0	0	0	-0.47	-0.47	1	1	0	600	600	0
11/11/2023 18:41	44601 SALE_T2	0	1	1	0	0.2	0.2	-0.17	-0.19	0	0	0	0	0	0
11/11/2023 18:41	16302 ALPA_T2	0	0	0	0	0	0	0.52	0.51	0	0	0	0	0	0
11/11/2023 18:41	56802 BENV_T2	1	1	0	0.4	0.5	0.1	-2.86	-2.82	0	0	0	0	0	0
11/11/2023 18:41	45003 LIME_2	1	3	2	3	2.1	-0.9	0	0	1	1	0	1200	1200	0
11/11/2023 18:41	43304 WATS_T2	3	0	-3	0.43	0	-0.43	-0.66	-0.72	0	0	0	0	0	0
11/11/2023 18:41	49803 UNIV_T1	0	0	0	0	0	0	-1.12	-1.17	0	0	0	0	0	0
11/11/2023 18:41	45501 DERR_T2	2	3	1	0.1	0.25	0.15	-0.49	-0.46	2	2	0	1800	1800	0
11/11/2023 18:42	59302 MCAL_T1	0	1	1	0	0.2	0.2	0	0	0	0	0	0	0	0
11/11/2023 18:42	45902 AUBU_T1	149	101	-48	0.23	0.22	-0.01	-2.2	-2.08	2	2	0	1200	1200	0
11/11/2023 18:42	55002 NEWP_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/11/2023 18:42	45003 LIME_2	1	3	2	3	2.1	-0.9	0	0	2	2	0	2400	2400	0
11/11/2023 18:42	56802 BENV_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/11/2023 18:42	46801 HEPB_T2	0	0	0	0	0	0	0.57	0.57	0	0	0	0	0	0
11/11/2023 18:42	46203 DANV_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/11/2023 18:42	48901 FOSP_T2	0	0	0	0	0	0	-0.47	-0.47	1	1	0	600	600	0
11/11/2023 18:43	43304 WATS_T2	3	0	-3	0.43	0	-0.43	-0.66	-0.72	0	0	0	0	0	0
11/11/2023 18:43	48901 FOSP_T2	0	0	0	0	0	0	-0.47	-0.47	1	1	0	600	600	0
11/11/2023 18:43	44301 BEAV_T2	7	8	1	0.46	0.51	0.05	0	0	0	0	0	0	0	0
11/11/2023 18:43	42201 SHEN_T2	0	0	0	0	0	0	-0.02	-0.02	1	1	0	600	600	0
11/11/2023 18:43	45501 DERR_T2	2	3	1	0.1	0.25	0.15	-0.49	-0.46	2	2	0	1800	1800	0
11/11/2023 18:43	45902 AUBU_T1	149	101	-48	0.23	0.22	-0.01	-1.1	-1.04	1	1	0	600	600	0
11/11/2023 18:44	42902 MIDD_T2	116	138	22	0.34	0.39	0.05	0	0	0	0	0	0	0	0
11/11/2023 18:44	45003 LIME_2	1	3	2	3	2.1	-0.9	0	0	0	0	0	0	0	0
11/11/2023 18:44	67502 WEWI_T2	0	0	0	0	0	0	-1.49	-1.52	1	1	0	900	900	0
11/11/2023 18:44	26402 INOR_T1	0	0	0	0	0	0	-0.45	-0.47	0	0	0	0	0	0
11/11/2023 18:44	16302 ALPA_T2	0	0	0	0	0	0	0.52	0.51	0	0	0	0	0	0
11/11/2023 18:44	43304 WATS_T2	3	0	-3	0.43	0	-0.43	-0.66	-0.72	0	0	0	0	0	0
11/11/2023 18:44	40101 HUNT_T2	1	1	0	0.4	0	-0.4	-0.58	-0.65	0	0	0	0	0	0
11/11/2023 18:44	59302 MCAL_T1	0	1	1	0	0.2	0.2	0.3	0.32	0	0	0	0	0	0
11/11/2023 18:44	42701 AUGU_T1	0	1	1	0	0	0	0	0	1	1	0	600	600	0
11/11/2023 18:44	51004 NHAR_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/11/2023 18:44	67503 WEWI_T2	0	0	0	0	0	0	-0.39	-0.37	0	0	0	0	0	0
11/11/2023 18:44	45901 AUBU_T1	0	0	0	0	0	0	1.01	1	0	0	0	0	0	0
11/11/2023 18:45	12701 MACU_T1	0	0	0	0	0	0	0.07	0.07	0	0	0	0	0	0
11/11/2023 18:45	67502 WEWI_T2	0	1	1	0	0	0	-1.49	-1.52	1	1	0	900	900	0
11/11/2023 18:45	56802 BENV_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/11/2023 18:46	20403 ASHF_T2	0	0	0	0	0	0	0.24	0.27	0	0	0	0	0	0
11/11/2023 18:46	53903 HALI_T2	2	2	0	0.75	1	0.25	-0.12	-0.17	0	0	0	0	0	0
11/11/2023 18:46	12701 MACU_T1	0	0	0	0	0	0	0.14	0.14	0	0	0	0	0	0
11/11/2023 18:46	46203 DANV_T2	0	0	0	0	0	0	-1.38	-1.42	0	0	0	0	0	0
11/11/2023 18:46	43304 WATS_T2	0	0	0	0	0	0	-1.31	-1.44	0	0	0	0	0	0
11/11/2023 18:46	44301 BEAV_T2	7	8	1	0.49	0.55	0.06	0	0	0	0	0	0	0	0
11/11/2023 18:46	16302 ALPA_T2	0	0	0	0	0	0	0.52	0.51	0	0	0	0	0	0
11/11/2023 18:46	59202 THOM_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/11/2023 18:46	42701 AUGU_T1	1	0	-1	0.2	0	-0.2	0	0	1	1	0	600	600	0
11/11/2023 18:47	45702 LIND_T2	1	1	0	0.4	0.4	0	-0.42	-0.49	0	0	0	0	0	0
11/11/2023 18:47	10705 CATA_T2	0	0	0	0	0	0	-0.97	-0.98	1	1	0	900	900	0
11/11/2023 18:47	44302 BEAV_T2	262	300	38	0.46	0.45	-0.01	0.16	0.19	0	0	0	0	0	0
11/11/2023 18:47	42902 MIDD_T2	112	153	41	0.36	0.42	0.06	-0.6	-0.59	0	0	0	0	0	0
11/11/2023 18:47	42903 MIDD_T2	18	32	14	0.41	0.35	-0.06	-0.64	-0.66	0	0	0	0	0	0
11/11/2023 18:47	41801 GOCI_T2	0	0	0	0	0	0	0	0	1	0	-1	900	0	-900
11/11/2023 18:47	56802 BENV_T2	1	1	0	0.5	0.4	-0.1	-1.43	-1.41	0	0	0	0	0	0
11/11/2023 18:47	40602 PIGR_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/11/2023 18:47	45501 DERR_T2	3	2	-1	0.23	0.75	0.52	-0.49	-0.46	2	2	0	1800	1800	0
11/11/2023 18:47	43402 BENT_T1	0	0	0	0	0	0	-1.54	-1.55	2	2	0	1500	1500	0
11/11/2023 18:47	54505 ENOL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/11/2023 18:47	43304 WATS_T2	0	0	0	0	0	0	-1.31	-1.44	0	0	0	0	0	0
11/11/2023 18:48	67503 WEWI_T2	0	0	0	0	0	0	-0.39	-0.37	0	0	0	0	0	0
11/11/2023 18:48	66505 SMAN_T2	3	2	-1	0.27	0.4	0.13	0	0	2	2	0	1100	1100	0
11/11/2023 18:48	54506 ENOL_T2	1	0	-1	0.2	0	-0.2	0	0	0	0	0	0	0	0
11/11/2023 18:48	66504 SMAN_T2	1	1	0	0.1	0.2	0.1	0	0	0	0	0	0	0	0
11/11/2023 18:48	42902 MIDD_T2	112	153	41	0.36	0.42	0.06	-0.6	-0.59	0	0	0	0	0	0
11/11/2023 18:48	41602 CLEV_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/11/2023 18:48	44601 SALE_T2	0	1	1	0	0.5	0.5	-0.17	-0.19	0	0	0	0	0	0
11/11/2023 18:48	29402 BELT_T1	1	1	0	7.6	7.5	-0.1	0	0	0	0	0	0	0	0
11/11/2023 18:48	67502 WEWI_T2	0	1	1	0	0	0	-1.49	-1.52	1	1	0	900	900	0
11/11/2023 18:48	56501 ROCK_T2	1	1	0	0.2	0.3	0.1	-0.46	-0.45	0	0	0	0	0	0
11/11/2023 18:48	55002 NEWP_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/11/2023 18:48	46204 DANV_T2	0	0	0	0	0	0	-0.59	-0.58	1	1	0	1200	1200	0
11/11/2023 18:48	61303 EARL_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/11/2023 18:48	43304 WATS_T2	0	0	0	0	0	0	-1.31	-1.44	0	0	0	0	0	0
11/11/2023 18:48	41901 REED_T1	0	1	1	0	0.1	0.1	-2.11	-2.12	1	1	0	900	900	0
11/11/2023 18:48	16302 ALPA_T2	0	0	0	0	0	0	0.52	0.51	0	0	0	0	0	0
11/11/2023 18:48	64101 REFR_T1	0	0	0	0	0	0	-0.13	-0.14	0	0	0	0	0	0
11/11/2023 18:49	66505 SMAN_T2	3	2	-1	0.27	0.4	0.13	0	0	0	0	0	0	0	0
11/11/2023 18:49	45003 LIME_2	3	2	-1	1.63	2.1	0.47	0	0	1	1	0	1200	1200	0
11/11/2023 18:49	57401 SPAN_T1	0	0	0	0	0	0	-0.99	-0.95	1	1	0	600	600	0
11/11/2023 18:49	46801 HEPB_T2	0	0	0	0	0	0	0.57	0.57	0	0	0	0	0	0
11/11/2023 18:49	40101 HUNT_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/11/2023 18:49	43304 WATS_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/11/2023 18:49	42002 MNVL_T2	1	1	0	4.3	4.2	-0.1	-0.83	-0.79	0	0	0	0	0	0
11/11/2023 18:50	54503 ENOL_T2	0	0	0	0	0	0	-1.07	-1.07	1	1	0	600	600	0
11/11/2023 18:50	27502 WEIS_T2	0	0	0	0	0	0	-0.67	-0.67	0	0	0	0	0	0
11/11/2023 18:50	41902 REED_T1	6	11	5	0.68	0.2	-0.48	0.88	0.88	0	0	0	0	0	0
11/11/2023 18:50	64101 REFR_T1	0	0	0	0	0	0	-0.13	-0.14	0	0	0	0	0	0
11/11/2023 18:50	55001 NEWP_T1	0	1	1	0	0	0	0	0	0	0	0	0	0	0
11/11/2023 18:50	56801 BENV_T1	13	13	0	1.41	1.53	0.12	-0.71	-0.75	1	1	0	600	600	0
11/11/2023 18:50	26401 INOR_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/11/2023 18:51	42901 MIDD_T2	170	213	43	0.32	0.36	0.04	0	0	0	0	0	0	0	0
11/11/2023 18:51	59101 WALK_T2	1	1	0	0	0	0	1.04	1.13	1	1	0	450	450	0
11/11/2023 18:51	46801 HEPB_T2	0	0	0	0	0	0	0.57	0.57	0	0	0	0	0	0
11/11/2023 18:51	45902 AUBU_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/11/2023 18:51	46004 BERW_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/11/2023 18:51	26402 INOR_T1	0	0	0	0	0	0	-0.45	-0.47	0	0	0	0	0	0
11/11/2023 18:51	57401 SPAN_T1	0	0	0	0	0	0	-0.99	-0.95	1	1	0	600	600	0
11/11/2023 18:51	54504 ENOL_T2	0	0	0	0	0	0	-1.08	-1.08	1	1	0	600	600	0
11/11/2023 18:51	56802 BENV_T2	1	1	0	0.5	0.4	-0.1	-1.43	-1.41	0	0	0	0	0	0
11/11/2023 18:51	53903 HALI_T2	2	2	0	0.75	1	0.25	-0.12	-0.17	0	0	0	0	0	0
11/11/2023 18:51	17802 GILB_T1	0	0	0	0	0	0	0.02	0.01	0	0	0	0	0	0
11/11/2023 18:51	57403 SPAN_T1	0	0	0	0	0	0	0.05	0.1	0	0	0	0	0	0
11/11/2023 18:51	43304 WATS_T2	0	0	0	0	0	0	-0.66	-0.72	0	0	0	0	0	0
11/11/2023 18:51	54506 ENOL_T2	1	0	-1	0.2	0	-0.2	0	0	0	0	0	0	0	0
11/11/2023 18:51	65001 NEFF_T2	0	0	0	0	0	0	-1.29	-1.42	1	1	0	1200	1200	0
11/11/2023 18:51	40902 JESH_T1	0	2	2	0	0	0	-0.73	-0.74	0	0	0	0	0	0
11/11/2023 18:51	43201 MVIL_T2	0	0	0	0	0	0	-1.29	-1.3	0	0	0	0	0	0
11/11/2023 18:51	14403 SSLA_T1	0	0	0	0	0	0	0.66	0.67	0	0	0	0	0	0
11/11/2023 18:51	64101 REFR_T1	0	0	0	0	0	0	-0.13	-0.14	0	0	0	0	0	0
11/11/2023 18:52	56802 BENV_T2	1	1	0	0.5	0.4	-0.1	-1.43	-1.41	0	0	0	0	0	0
11/11/2023 18:52	58001 WCAR_T1	3	4	1	0.13	0.45	0.32	0	0	0	0	0	0	0	0
11/11/2023 18:52	54501 ENOL_T2	0	0	0	0	0	0	-0.56	-0.56	1	1	0	600	600	0
11/11/2023 18:52	59302 MCAL_T1	0	1	1	0	0.2	0.2	0	0	0	0	0	0	0	0
11/11/2023 18:52	66501 SMAN_T2	1	1	0	0.1	0.2	0.1	0	0	0	0	0	0	0	0
11/11/2023 18:52	29402 BELT_T1	1	1	0	7.6	7.5	-0.1	0	0	0	0	0	0	0	0
11/11/2023 18:52	46203 DANV_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/11/2023 18:52	64801 MONE_T2	0	0	0	0	0	0	0.3	0.29	0	0	0	0	0	0
11/11/2023 18:52	57401 SPAN_T1	0	0	0	0	0	0	-1.98	-1.9	2	2	0	1200	1200	0
11/11/2023 18:52	63203 MGTN_T1	0	0	0	0	0	0	-0.26	-0.25	1	1	0	600	600	0
11/11/2023 18:52	44201 POIN_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/11/2023 18:52	49803 UNIV_T1	0	0	0	0	0	0	-1.12	-1.17	0	0	0	0	0	0
11/11/2023 18:52	10801 CHHI_T1	0	0	0	0	0	0	-1.52	-1.52	2	2	0	1500	1500	0
11/11/2023 18:52	12701 MACU_T1	0	0	0	0	0	0	0.07	0.07	0	0	0	0	0	0
11/11/2023 18:53	64101 REFR_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/11/2023 18:53	41901 REED_T1	0	1	1	0	0.1	0.1	0	0	0	0	0	0	0	0
11/11/2023 18:53	40101 HUNT_T2	1	0	-1	0.4	0	-0.4	-0.58	-0.65	0	0	0	0	0	0
11/11/2023 18:53	47901 HRDG_T1	0	0	0	0	0	0	0.74	0.58	0	0	0	0	0	0
11/11/2023 18:53	67502 WEWI_T2	0	1	1	0	0	0	-1.49	-1.52	1	1	0	900	900	0
11/11/2023 18:53	67803 WLAN_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/11/2023 18:53	50701 SMEC_T1	0	0	0	0	0	0	-0.92	-0.97	1	1	0	900	900	0
11/11/2023 18:53	52006 LING_T2	2	2	0	0.8	0.9	0.1	0	0	0	0	0	0	0	0
11/11/2023 18:53	56802 BENV_T2	1	1	0	0.5	0.4	-0.1	-1.43	-1.41	0	0	0	0	0	0
11/11/2023 18:53	42901 MIDD_T2	170	213	43	0.32	0.36	0.04	0	0	0	0	0	0	0	0
11/11/2023 18:53	67204 TEHI_T2	0	0	0	0	0	0	-0.26	-0.26	0	0	0	0	0	0
11/11/2023 18:53	43401 BENT_T1	8	3	-5	1.13	0.6	-0.53	0	0	0	0	0	0	0	0
11/11/2023 18:53	57404 SPAN_T2	0	0	0	0	0	0	-0.33	-0.33	1	1	0	1200	1200	0
11/11/2023 18:53	43001 ALWD_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/11/2023 18:53	20403 ASHF_T2	0	0	0	0	0	0	0.24	0.27	0	0	0	0	0	0
11/11/2023 18:53	52402 GRPA_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/11/2023 18:53	56501 ROCK_T2	1	1	0	0.2	0.3	0.1	-0.46	-0.45	0	0	0	0	0	0
11/11/2023 18:54	57401 SPAN_T1	0	0	0	0	0	0	-0.99	-0.95	1	1	0	600	600	0
11/11/2023 18:54	29402 BELT_T1	1	1	0	7.6	7.5	-0.1	0	0	0	0	0	0	0	0
11/11/2023 18:54	58402 MORO_T1	1	1	0	0.4	0.1	-0.3	-1.21	-1.23	2	2	0	1500	1500	0
11/11/2023 18:54	67805 WLAN_T1	3	15	12	0.1	0.11	0.01	0	0	0	0	0	0	0	0
11/11/2023 18:54	46203 DANV_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/11/2023 18:54	54701 NEBL_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/11/2023 18:54	42901 MIDD_T2	170	213	43	0.32	0.36	0.04	0	0	0	0	0	0	0	0
11/11/2023 18:54	66502 SMAN_T2	54	91	37	0.15	0.18	0.03	0	0	0	0	0	0	0	0
11/11/2023 18:54	52402 GRPA_T2	2	2	0	2.25	3.5	1.25	0	0	0	0	0	0	0	0
11/11/2023 18:54	45501 DERR_T2	3	2	-1	0.23	0.75	0.52	-0.49	-0.46	2	2	0	1800	1800	0
11/11/2023 18:54	54506 ENOL_T2	1	0	-1	0.2	0	-0.2	0	0	0	0	0	0	0	0
11/11/2023 18:54	47901 HRDG_T1	0	0	0	0	0	0	0.74	0.58	0	0	0	0	0	0
11/11/2023 18:54	65001 NEFF_T2	0	0	0	0	0	0	-1.29	-1.42	1	1	0	1200	1200	0
11/11/2023 18:54	53903 HALI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/11/2023 18:55	45002 LIME_2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/11/2023 18:55	56504 ROCK_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/11/2023 18:55	67502 WEWI_T2	0	1	1	0	0	0	-1.49	-1.52	1	1	0	900	900	0
11/11/2023 18:55	40602 PIGR_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/11/2023 18:55	57404 SPAN_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/11/2023 18:55	56501 ROCK_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/11/2023 18:55

11/11/2023 19:01	64101 REFR_T1	0	0	0	0	0	0	-0.14	-0.18	0	0	0	0	0	0
11/11/2023 19:01	57401 SPAN_T1	0	0	0	0	0	0	-0.95	-0.92	1	1	0	600	600	0
11/11/2023 19:01	65902 SAKR_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/11/2023 19:02	61801 EELI_T2	1	1	0	0.5	0.6	0.1	-0.35	-0.37	0	0	0	0	0	0
11/11/2023 19:02	64101 REFR_T1	0	0	0	0	0	0	-0.14	-0.18	0	0	0	0	0	0
11/11/2023 19:02	57401 SPAN_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/11/2023 19:03	21601 EYNO_T1	1	0	-1	0.4	0	-0.4	0	0	0	0	0	0	0	0
11/11/2023 19:03	57303 MOAL_T2	1	1	0	8.2	7.6	-0.6	0	0	0	0	0	0	0	0
11/11/2023 19:03	67605 WARW_T1	0	0	0	0	0	0	-1.26	-1.25	0	0	0	0	0	0
11/11/2023 19:03	54701 NEBL_T1	1	1	0	0	0	0	0	0	1	1	0	600	600	0
11/11/2023 19:04	66503 SMAN_T2	6	0	-6	0.13	0	-0.13	0	0	0	0	0	0	0	0
11/11/2023 19:04	57403 SPAN_T1	0	0	0	0	0	0	0.1	0.03	0	0	0	0	0	0
11/11/2023 19:04	57401 SPAN_T1	0	0	0	0	0	0	-0.95	-0.92	1	1	0	600	600	0
11/11/2023 19:04	56801 BENV_T1	13	13	0	1.53	1.39	-0.14	-0.75	-0.73	1	1	0	600	600	0
11/11/2023 19:04	66703 STRA_T1	0	1	1	0	0.1	0.1	-0.22	-0.3	0	0	0	0	0	0
11/11/2023 19:04	58402 MORO_T1	1	1	0	0.1	0.6	0.5	-1.23	-1.34	2	2	0	1500	1500	0
11/11/2023 19:10	54502 ENOL_T2	0	0	0	0	0	0	-1.99	-2	1	1	0	600	600	0
11/11/2023 19:20	56501 ROCK_T2	1	2	1	1	0.4	-0.6	-0.45	-0.45	0	0	0	0	0	0
11/11/2023 19:22	43402 BENT_T1	0	0	0	0	0	0	-1.55	-1.57	2	2	0	1500	1500	0
11/11/2023 19:29	43401 BENT_T1	3	4	1	1.9	2.13	0.23	0	0	0	0	0	0	0	0
11/11/2023 19:38	48901 FOSP_T2	0	0	0	0	0	0	-0.49	-0.48	1	1	0	600	600	0
11/11/2023 19:49	57401 SPAN_T1	0	1	1	0	0.1	0.1	-0.95	-0.95	1	1	0	600	600	0
11/11/2023 20:22	43401 BENT_T1	3	3	0	1.3	0.63	-0.67	0	0	0	0	0	0	0	0
11/11/2023 20:29	43402 BENT_T1	0	0	0	0	0	0	-1.58	-1.57	2	2	0	1500	1500	0
11/11/2023 21:22	43402 BENT_T1	0	0	0	0	0	0	-1.58	-1.58	2	2	0	1500	1500	0
11/11/2023 21:29	43402 BENT_T1	0	0	0	0	0	0	-1.58	-1.58	2	2	0	1500	1500	0
11/11/2023 22:02	43401 BENT_T1	3	11	8	0.7	1.43	0.73	0	0	0	0	0	0	0	0
11/12/2023 0:28	54505 ENOL_T2	1	1	0	0.1	0.2	0.1	0	0	0	0	0	0	0	0
11/12/2023 0:28	56501 ROCK_T2	8	8	0	0.28	0.43	0.15	-0.41	-0.44	0	0	0	0	0	0
11/12/2023 0:28	56802 BENV_T2	1	13	12	1.5	0.22	-1.28	-2.88	-2.82	0	0	0	0	0	0
11/12/2023 0:28	43001 ALWD_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/12/2023 4:24	65001 NEFF_T2	8	4	-4	0.15	0.1	-0.05	-1.53	-1.53	1	1	0	1200	1200	0
11/12/2023 7:54	46204 DANV_T2	0	1	1	0	0.2	0.2	0	0	0	0	0	0	0	0
11/12/2023 7:55	43401 BENT_T1	1	8	7	0.1	0.1	0	0	0	0	0	0	0	0	0
11/12/2023 8:09	46203 DANV_T2	0	0	0	0	0	0	-2.44	-2.46	0	0	0	0	0	0
11/12/2023 8:10	46204 DANV_T2	1	1	0	0.3	0	-0.3	0	0	0	0	0	0	0	0
11/12/2023 8:12	43402 BENT_T1	0	1	1	0	0.3	0.3	-1.53	-1.55	2	2	0	1500	1500	0
11/12/2023 8:14	29402 BELT_T1	1	1	0	6.8	6.8	0	0	0	0	0	0	0	0	0
11/12/2023 8:17	54701 NEBL_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/12/2023 8:18	45302 WBER_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/12/2023 8:20	49803 UNIV_T1	0	0	0	0	0	0	-1.03	-1.1	0	0	0	0	0	0
11/12/2023 8:22	45302 WBER_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/12/2023 8:24	54701 NEBL_T1	0	0	0	0	0	0	0	0	1	1	0	600	600	0
11/12/2023 8:25	45502 DERR_T2	0	1	1	0	0	0	0	0	0	0	0	0	0	0
11/12/2023 8:28	45501 DERR_T2	0	1	1	0	0	0	-0.81	-0.8	2	2	0	1800	1800	0
11/12/2023 8:29	43401 BENT_T1	8	14	6	0.59	0.66	0.07	0	0	0	0	0	0	0	0
11/12/2023 8:32	55002 NEWP_T1	0	2	2	0	0.35	0.35	-0.22	-0.19	0	0	0	0	0	0
11/12/2023 8:33	54701 NEBL_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/12/2023 8:34	54701 NEBL_T1	0	0	0	0	0	0	0	0	1	1	0	600	600	0
11/12/2023 8:39	29402 BELT_T1	1	2	1	6.8	6.9	0.1	0	0	0	0	0	0	0	0
11/12/2023 8:44	65001 NEFF_T2	0	0	0	0	0	0	-1.36	-1.35	1	1	0	1200	1200	0
11/12/2023 8:45	58402 MORO_T1	0	0	0	0	0	0	-2.32	-2.36	3	3	0	2400	2400	0
11/12/2023 8:45	54701 NEBL_T1	0	0	0	0	0	0	0	0	1	1	0	600	600	0
11/12/2023 8:49	58402 MORO_T1	0	0	0	0	0	0	-2.32	-2.36	3	3	0	2400	2400	0
11/12/2023 8:49	54701 NEBL_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/12/2023 9:00	56504 ROCK_T2	0	0	0	0	0	0	-0.08	-0.09	0	0	0	0	0	0
11/12/2023 9:00	53903 HALI_T2	2	2	0	1.2	0.95	-0.25	-0.11	-0.1	0	0	0	0	0	0
11/12/2023 9:00	52503 PROG_T2	0	0	0	0	0	0	-0.65	-0.64	1	1	0	900	900	0
11/12/2023 9:00	58402 MORO_T1	0	0	0	0	0	0	-2.36	-2.35	3	3	0	2400	2400	0
11/12/2023 9:00	64802 MONE_T2	0	0	0	0	0	0	0.28	0.3	0	0	0	0	0	0
11/12/2023 9:01	54505 ENOL_T2	1	1	0	0.1	0.2	0.1	0	0	0	0	0	0	0	0
11/12/2023 9:07	45502 DERR_T2	1	0	-1	0.8	0	-0.8	0	0	0	0	0	0	0	0
11/12/2023 9:07	59101 WALK_T2	0	1	1	0	0	0	0.69	1.1	1	1	0	450	450	0
11/12/2023 9:07	49803 UNIV_T1	0	0	0	0	0	0	-1.07	-1.08	0	0	0	0	0	0
11/12/2023 9:08	46203 DANV_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/12/2023 9:09	43401 BENT_T1	20	11	-9	1.05	2.3	1.25	0	0	0	0	0	0	0	0
11/12/2023 9:09	45501 DERR_T2	0	0	0	0	0	0	-0.81	-0.82	2	2	0	1800	1800	0
11/12/2023 9:10	45502 DERR_T2	1	0	-1	0.8	0	-0.8	0	0	0	0	0	0	0	0
11/12/2023 9:12	46203 DANV_T2	0	0	0	0	0	0	-2.48	-2.53	0	0	0	0	0	0
11/12/2023 9:13	46203 DANV_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/12/2023 9:14	46801 HEPB_T2	0	0	0	0	0	0	0.59	0.6	0	0	0	0	0	0
11/12/2023 9:19	55002 NEWP_T1	2	5	3	0.3	0.42	0.12	-0.2	-0.21	0	0	0	0	0	0
11/12/2023 9:22	29402 BELT_T1	1	3	2	7	7.1	0.1	0	0	0	0	0	0	0	0
11/12/2023 9:23	59101 WALK_T2	1	1	0	0	0	0	3.29	3.36	3	3	0	1350	1350	0
11/12/2023 9:25	60201 ATGL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/12/2023 9:25	29402 BELT_T1	1	3	2	7	7.1	0.1	0	0	0	0	0	0	0	0
11/12/2023 9:29	43402 BENT_T1	0	0	0	0	0	0	-0.91	-0.91	1	1	0	900	900	0
11/12/2023 9:30	52402 GRPA_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/12/2023 9:32	54701 NEBL_T1	0	0	0	0	0	0	0	0	1	1	0	600	600	0
11/12/2023 9:36	45902 AUBU_T1	0	2	2	0	0.85	0.85	-0.85	-0.84	1	1	0	600	600	0
11/12/2023 9:36	54701 NEBL_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/12/2023 9:36	43304 WATS_T2	0	0	0	0	0	0	-0.69	-0.74	0	0	0	0	0	0
11/12/2023 9:37	28601 BLYT_T2	0	1	1	0	7.3	7.3	0	0	0	0	0	0	0	0
11/12/2023 9:38	43304 WATS_T2	0	0	0	0	0	0	-0.69	-0.74	0	0	0	0	0	0
11/12/2023 9:39	45902 AUBU_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/12/2023 9:39	43304 WATS_T2	0	0	0	0	0	0	-0.69	-0.74	0	0	0	0	0	0
11/12/2023 9:40	41801 GOCI_T2	0	4	-4	0	0.35	0.35	0	0	0	0	0	0	0	0
11/12/2023 9:40	45902 AUBU_T1	0	2	2	0	0.85	0.85	-0.85	-0.84	1	1	0	600	600	0
11/12/2023 9:42	40101 HUNT_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/12/2023 9:43	41801 GOCI_T2	0	4	4	0	0.35	0.35	0	0	0	0	0	0	0	0
11/12/2023 9:44	40101 HUNT_T2	3	15	12	0.77	0.53	-0.24	-0.86	-0.86	1	1	0	300	300	0
11/12/2023 9:45	43201 MVIL_T2	0	1	1	0	0.1	0.1	0	0	0	0	0	0	0	0
11/12/2023 9:47	64101 REFR_T1	0	0	0	0	0	0	-0.26	-0.2	0	0	0	0	0	0
11/12/2023 9:48	41901 REED_T1	1	3	2	0.1	0.2	0.1	-2.1	-2.11	1	1	0	900	900	0
11/12/2023 9:48	41902 REED_T1	2	5	3	0.35	0.1	-0.25	0.86	0.93	0	0	0	0	0	0
11/12/2023 9:48	45302 WBER_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/12/2023 9:49	66502 SMAN_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/12/2023 9:49	14402 SSLA_T1	0	1	1	0	0	0	0	0	0	0	0	0	0	0
11/12/2023 9:50	14403 SSLA_T1	0	1	1	0	0.5	0.5	0.76	0.71	0	0	0	0	0	0
11/12/2023 9:50	41901 REED_T1	1	3	2	0.1	0.2	0.1	0	0	0	0	0	0	0	0
11/12/2023 9:50	64801 MONE_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/12/2023 9:51	66504 SMAN_T2	1	2	1	0.2	0.2	0	-1.75	-1.8	1	1	0	1200	1200	0
11/12/2023 9:51	66501 SMAN_T2	1	1	0	0.1	0.1	0	0	0	0	0	0	0	0	0
11/12/2023 9:51	64101 REFR_T1	0	0	0	0	0	0	-0.26	-0.2	0	0	0	0	0	0
11/12/2023 9:52	64101 REFR_T1	0	0	0	0	0	0	-0.26	-0.2	0	0	0	0	0	0
11/12/2023 9:52	56501 ROCK_T2	34	46	12	0.19	0.21	0.02	-1.55	-1.54	0	0	0	0	0	0
11/12/2023 9:53	43202 MVIL_T2	0	0	0	0	0	0	-0.64	-0.64	0	0	0	0	0	0
11/12/2023 9:54	43201 MVIL_T2	0	1	1	0	0.1	0.1	-1.31	-1.3	0	0	0	0	0	0
11/12/2023 9:55	15001 BLMO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/12/2023 9:59	26401 INOR_T1	0	1	1	0	0	0	0.44	0.44	0	0	0	0	0	0
11/12/2023 10:00	52402 GRPA_T2	1	2	1	2.9	1.65	-1.25	0	0	0	0	0	0	0	0
11/12/2023 10:01	22901 HARW_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/12/2023 10:01	52502 PROG_T2	0	0	0	0	0	0	-0.55	-0.61	1	1	0	900	900	0
11/12/2023 10:02	13901 SEID_T1	0	0	0	0	0	0	0.28	0.27	0	0	0	0	0	0
11/12/2023 10:03	13704 SCHN_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/12/2023 10:03	42201 SHEN_T2	0	0	0	0	0	0	0	-0.04	2	2	0	1200	1200	0
11/12/2023 10:03	52502 PROG_T2	0	0	0	0	0	0	-0.55	-0.61	1	1	0	900	900	0
11/12/2023 10:05	67605 WARW_T1	1	1	0	0.1	0.1	0	-1.41	-1.35	0	0	0	0	0	0
11/12/2023 10:05	13704 SCHN_T2	0	0	0	0	0	0	-0.33	-0.33	0	0	0	0	0	0
11/12/2023 10:07	20403 ASHF_T2	0	2	2	0	0.1	0.1	0.22	0.25	0	0	0	0	0	0
11/12/2023 10:07	66504 SMAN_T2	2	0	-2	0.2	0	-0.2	0	0	0	0	0	0	0	0
11/12/2023 10:07	43302 WATS_T2	0	2	2	0	0.1	0.1	0	0	0	0	0	0	0	0
11/12/2023 10:08	46203 DANV_T2	2	2	0	0.35	0.7	0.35	-2.56	-1.28	0	0	0	0	0	0
11/12/2023 10:10	41602 CLEV_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/12/2023 10:10	20403 ASHF_T2	0	2	2	0	0.1	0.1	0.22	0.25	0	0	0	0	0	0
11/12/2023 10:11	46801 HEPB_T2	0	0	0	0	0	0	0.6	0.58	0	0	0	0	0	0
11/12/2023 10:11	10801 CHHI_T1	0	0	0	0	0	0	-1.5	-1.51	2	2	0	1500	1500	0
11/12/2023 10:13	46203 DANV_T2	2	2	0	0.35	0.7	0.35	0	0	0	0	0	0	0	0
11/12/2023 10:14	40101 HUNT_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/12/2023 10:16	65005 NEFF_T2	1	0	-1	0.1	0	-0.1	0	0	0	0	0	0	0	0
11/12/2023 10:16	26401 INOR_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/12/2023 10:16	40101 HUNT_T2	13	8	-5	0.34	0.45	0.11	-0.87	-0.84	1	1	0	300	300	0
11/12/2023 10:16	48302 ORWI_T2	2	2	0	1.25	1.15	-0.1	-0.55	-0.56	0	0	0	0	0	0
11/12/2023 10:16	40902 JESH_T1	0	0	0	0	0	0	-0.87	-0.85	0	0	0	0	0	0
11/12/2023 10:18	51004 NHAR_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/12/2023 10:18	54701 NEBL_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/12/2023 10:19	54701 NEBL_T1	0	0	0	0	0	0	0	0	1	1	0	600	600	0
11/12/2023 10:20	52502 PROG_T2	0	0	0	0	0	0	-0.61	0.35	1	0	-1	900	0	-900
11/12/2023 10:20	40601 PIGR_T1	5	6	1	0.2	0.33	0.13	0	0	0	0	0	0	0	0
11/12/2023 10:20	65001 NEFF_T2	0	0	0	0	0	0	-1.39	-1.31	1	1	0	1200	1200	0
11/12/2023 10:20	42802 SELI_T1	0	0	0	0	0	0	-2.25	-2.28	1	1	0	900	900	0
11/12/2023 10:21	42801 SELI_T1	1	1	0	0	0	0	0	0	0	0	0	0	0	0
11/12/2023 10:21	43304 WATS_T2	0	1	1	0	0	0	-0.79	-0.8	0	0	0	0	0	0
11/12/2023 10:21	56501 ROCK_T2	44	162	118	0.2	0.24	0.04	-1.55	-1.58	0	0	0	0	0	0
11/12/2023 10:21	59101 WALK_T2	1	3	2	0	0.45	0.45	1.11	0.88	1	1	0	450	450	0
11/12/2023 10:21	44904 SCOT_T1	0	0	0	0	0	0	0.3	0.3	0	0	0	0	0	0
11/12/2023 10:21	43001 ALWD_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/12/2023 10:22	67502 WEWI_T2	8	14	6	0.31	0.3	-0.01	-2.84	-2.91	2	2	0	1800	1800	0
11/12/2023 10:22	56802 BENV_T2	1	1	0	0.6	0.5	-0.1	-2.82	-2.8	0	0	0	0	0	0
11/12/2023 10:22	45902 AUBU_T1	2	2	0	0.9	1.15	0.25	-0.9	-0.99	1	1	0	600	600	0
11/12/2023 10:22	42801 SELI_T1	1	1	0	0	0	0	0	0	0	0	0	0	0	0
11/12/2023 10:23	56802 BENV_T2	1	1	0	0.6	0.5	-0.1	-1.41	-1.4	0	0	0	0	0	0
11/12/2023 10:24	67502 WEWI_T2	8	14	6	0.31	0.3	-0.01	-4.27	-4.36	3	3	0	2700	2700	0
11/12/2023 10:24	43001 ALWD_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/12/2023 10:25	56802 BENV_T2	1	1	0	0.6	0.5	-0.1	-2.82	-2.8	0	0	0	0	0	0
11/12/2023 10:25	43304 WATS_T2	0	1	1	0	0	0	0	0	0	0	0	0	0	0
11/12/2023 10:26	56802 BENV_T2	1	1	0	0.6	0.5	-0.1	-1.4	-1.36	0	0	0	0	0	0
11/12/2023 10:27	53902 HALI_T2	0	1	1	0	0.2	0.2	0	0	0	0	0	0	0	0
11/12/2023 10:27	27101 GFLD_T2	0	0	0	0	0	0	0.29	0.3	0	0	0	0	0	0
11/12/2023 10:28	52402 GRPA_T2	1	3	2	3.2	1.45	-1.75	0	0	0	0	0	0	0	0
11/12/2023 10:29	20801 LOPO_T1	0	0	0	0	0	0	0.2	0.18	0	0	0	0	0	0
11/12/2023 10:29	40101 HUNT_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/12/2023 10:29	53903 HALI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/12/2023 10:30	52401 GRPA_T2	1	3	2	0.2	0.27	0.07	0	0	0	0	0	0	0	0
11/12/2023 10:31	42901 MIDD_T2	7	10	3	0.2	0.2	0	0	0	0	0	0	0	0	0
11/12/2023 10:33	66703 STRA_T1	15	60	45	0.36	0.3	-0.06	-0.24	-0.25	0	0	0	0	0	0
11/12/2023 10:33	42801 SELI_T1	1	1	0	0	0	0	0	0	0	0	0	0	0	0
11/12/2023 10:36	43302 WATS_T2	2	0	-2	0.1	0	-0.1	0	0	0	0	0	0	0	0
11/12/2023 10:36	65902 SAKR_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/12/2023 10:36	43001 ALWD_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/12/2023 10:36	42801 SELI_T1	1	1	0	0	0	0	0	0	0	0	0	0	0	0
11/12/2023 10:36	12202 FOGE_T2	0	2	2	0	0.3	0.3	0	0	1	1	0	600	600	0
11/12/2023 10:37	59101 WALK_T2	3	1	-2	0.45	0	-0.45	0.88	1.37	1	0	-1	450	0	-450
11/12/2023 10:37	43001 ALWD_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/12/2023 10:38	45902 AUBU_T1	2	2	0	0.8	1.15	0.35	-0.99	-0.89	1	1	0	600	600	0
11/12/2023 10:38	42801 SELI_T1	1	1	0	0	0	0	0	0	0	0	0	0	0	0
11/12/2023 10:39	43302 WATS_T2	2	0	-2	0.1	0	-0.1	0	0	0	0	0	0	0	0
11/12/2023 10:39	45902 AUBU_T1	2	2	0	0.8	1.15	0.35	0	0	0	0	0	0	0	0
11/12/2023 10:40	45902 AUBU_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/12/2023 10:41	40101 HUNT_T2	7	3	-4	0.31	1	0.69	-0.86	-0.88	1	1	0	300	300	0
11/12/2023 10:42	61801 EELI_T2	1	3	2	0.5	0.

11/12/2023 11:05	66504 SMAN_T2	0	0	0	0	0	0	-0.52	-0.48	0	0	0	0	0	0
11/12/2023 11:05	57401 SPAN_T1	0	0	0	0	0	0	-1.14	-1.16	1	1	0	600	600	0
11/12/2023 11:06	66502 SMAN_T2	1	4	3	0.2	0.38	0.18	0	0	1	1	0	900	900	0
11/12/2023 11:06	43301 WATS_T2	1	0	-1	0.5	0	-0.5	0	0	0	0	0	0	0	0
11/12/2023 11:06	57401 SPAN_T1	0	0	0	0	0	0	-1.14	-1.16	1	1	0	600	600	0
11/12/2023 11:07	46003 BERW_T2	1	1	0	4.4	4.1	-0.3	0	0	0	0	0	0	0	0
11/12/2023 11:07	57403 SPAN_T1	0	0	0	0	0	0	0.1	0.1	0	0	0	0	0	0
11/12/2023 11:08	59101 WALK_T2	1	1	0	0	0	0	1.42	1.53	0	0	0	0	0	0
11/12/2023 11:08	43302 WATS_T2	0	1	1	0	0.1	0.1	0	0	0	0	0	0	0	0
11/12/2023 11:08	49803 UNIV_T1	2	1	-1	0.6	0.7	0.1	-1.07	-1.13	0	0	0	0	0	0
11/12/2023 11:08	67503 WEWI_T2	0	0	0	0	0	0	-0.36	-0.36	0	0	0	0	0	0
11/12/2023 11:09	48901 FOSP_T2	0	0	0	0	0	0	-0.42	-0.43	1	1	0	600	600	0
11/12/2023 11:09	10805 CHHI_T2	14	7	-7	3.64	1.91	-1.73	-0.64	-1.17	1	1	0	600	600	0
11/12/2023 11:09	66502 SMAN_T2	1	4	3	0.2	0.38	0.18	0	0	2	2	0	1800	1800	0
11/12/2023 11:09	58003 WCAR_T1	1	3	2	1.3	1.7	0.4	-0.14	-0.11	1	1	0	600	600	0
11/12/2023 11:09	59101 WALK_T2	1	1	0	0	0	0	1.42	1.53	0	0	0	0	0	0
11/12/2023 11:10	48901 FOSP_T2	0	0	0	0	0	0	-0.42	-0.43	1	1	0	600	600	0
11/12/2023 11:11	48901 FOSP_T2	0	0	0	0	0	0	-0.43	-0.44	1	1	0	600	600	0
11/12/2023 11:12	48901 FOSP_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/12/2023 11:13	41801 GOCI_T2	3	1	-2	0.27	0.3	0.03	0	0	0	0	0	0	0	0
11/12/2023 11:14	48901 FOSP_T2	0	0	0	0	0	0	-0.43	-0.44	1	1	0	600	600	0
11/12/2023 11:14	45702 LIND_T2	0	0	0	0	0	0	-0.5	-0.51	0	0	0	0	0	0
11/12/2023 11:15	52002 LING_T2	0	1	1	0	0.8	0.8	0	0	0	0	0	0	0	0
11/12/2023 11:17	42803 SELI_T1	1	0	-1	1.3	0	-1.3	0	0	0	0	0	0	0	0
11/12/2023 11:18	12202 FOGE_T2	1	3	2	0.4	0.17	-0.23	0	0	1	1	0	600	600	0
11/12/2023 11:18	55002 NEWP_T1	5	5	0	0.38	0.54	0.16	-0.17	-0.17	0	0	0	0	0	0
11/12/2023 11:19	42801 SELI_T1	1	1	0	0	0	0	0	0	0	0	0	0	0	0
11/12/2023 11:20	42801 SELI_T1	1	1	0	0	0	0	0	0	0	0	0	0	0	0
11/12/2023 11:20	55002 NEWP_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/12/2023 11:21	42803 SELI_T1	1	0	-1	1.3	0	-1.3	0	0	0	0	0	0	0	0
11/12/2023 11:21	45303 WBER_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/12/2023 11:22	42801 SELI_T1	1	1	0	0	0	0	0	0	0	0	0	0	0	0
11/12/2023 11:22	45303 WBER_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/12/2023 11:22	53902 HAU_T2	0	1	1	0	0.1	0.1	0	0	0	0	0	0	0	0
11/12/2023 11:24	45303 WBER_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/12/2023 11:24	59101 WALK_T2	1	1	0	0	0	0	1.53	1.51	0	0	0	0	0	0
11/12/2023 11:24	49803 UNIV_T1	0	1	1	0	0.7	0.7	-1.13	-1.11	0	0	0	0	0	0
11/12/2023 11:25	20401 ASHF_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/12/2023 11:34	59102 WALK_T2	0	1	1	0	0.2	0.2	0	0	0	0	0	0	0	0
11/12/2023 11:34	65005 NEFF_T2	1	1	0	0.1	0.2	0.1	0	0	0	0	0	0	0	0
11/12/2023 11:35	59102 WALK_T2	0	1	1	0	0.2	0.2	0	0	0	0	0	0	0	0
11/12/2023 11:36	48302 ORWI_T2	2	2	0	1	1.25	0.25	-0.56	-0.54	0	0	0	0	0	0
11/12/2023 11:36	58003 WCAR_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/12/2023 11:37	13901 SEID_T1	0	0	0	0	0	0	0.23	0.25	0	0	0	0	0	0
11/12/2023 11:38	42701 AUGU_T1	0	0	0	0	0	0	0	0	2	2	0	1800	1800	0
11/12/2023 11:38	59101 WALK_T2	1	1	0	0	0	0	1.51	1.5	0	0	0	0	0	0
11/12/2023 11:39	56802 BENV_T2	1	1	0	0.8	0.9	0.1	-1.41	-1.38	0	0	0	0	0	0
11/12/2023 11:39	59101 WALK_T2	1	1	0	0	0	0	1.51	1.5	0	0	0	0	0	0
11/12/2023 11:40	56802 BENV_T2	1	1	0	0.8	0.9	0.1	-2.82	-2.76	0	0	0	0	0	0
11/12/2023 11:40	54504 ENOL_T2	1	1	0	0.1	0.2	0.1	-1.06	-1.04	1	1	0	600	600	0
11/12/2023 11:41	56802 BENV_T2	1	1	0	0.8	0.9	0.1	-2.76	-2.8	0	0	0	0	0	0
11/12/2023 11:41	61303 EARL_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/12/2023 11:42	56802 BENV_T2	1	1	0	0.8	0.9	0.1	-1.38	-1.4	0	0	0	0	0	0
11/12/2023 11:45	12402 MILF_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/12/2023 11:46	64101 REFR_T1	0	0	0	0	0	0	-0.09	-0.07	0	0	0	0	0	0
11/12/2023 11:48	64101 REFR_T1	0	0	0	0	0	0	-0.09	-0.07	0	0	0	0	0	0
11/12/2023 11:51	64101 REFR_T1	0	0	0	0	0	0	-0.09	-0.07	0	0	0	0	0	0
11/12/2023 11:52	64101 REFR_T1	0	0	0	0	0	0	-0.18	-0.14	0	0	0	0	0	0
11/12/2023 11:52	13901 SEID_T1	0	0	0	0	0	0	0.25	0.24	0	0	0	0	0	0
11/12/2023 11:57	45003 LIME_2	2	1	-1	2.2	4.1	1.9	0	0	1	1	0	1200	1200	0
11/12/2023 11:59	66502 SMAN_T2	0	3	3	0	0.23	0.23	0	0	1	1	0	900	900	0
11/12/2023 12:01	12402 MILF_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/12/2023 12:01	45003 LIME_2	1	1	0	4.1	4.1	0	0	0	1	1	0	1200	1200	0
11/12/2023 12:02	64101 REFR_T1	0	0	0	0	0	0	-0.14	-0.18	0	0	0	0	0	0
11/12/2023 12:04	13901 SEID_T1	0	0	0	0	0	0	0.24	0.24	0	0	0	0	0	0
11/12/2023 12:04	64101 REFR_T1	0	0	0	0	0	0	-0.07	-0.09	0	0	0	0	0	0
11/12/2023 12:05	59102 WALK_T2	1	2	1	0.2	0.3	0.1	0	0	0	0	0	0	0	0
11/12/2023 12:06	59101 WALK_T2	1	1	0	0	0	0	2.89	2.97	0	0	0	0	0	0
11/12/2023 12:07	59101 WALK_T2	1	1	0	0	0	0	4.33	4.45	0	0	0	0	0	0
11/12/2023 12:13	45001 LIME_2	4	4	0	0.15	0.28	0.13	0	0	0	0	0	0	0	0
11/12/2023 12:14	40101 HUNT_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/12/2023 12:16	12402 MILF_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/12/2023 12:17	54206 PENN_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/12/2023 12:25	66901 SHIL_T2	8	4	-4	0.21	0.25	0.04	-1.81	-1.81	1	1	0	1200	1200	0
11/12/2023 12:37	65701 RVIL_T1	0	0	0	0	0	0	-1.76	-1.76	0	0	0	0	0	0
11/12/2023 12:39	51602 DUKE_T2	0	1	1	0	0.2	0.2	0	0	0	0	0	0	0	0
11/12/2023 12:42	60102 COCA_T1	0	0	0	0	0	0	0.17	0.23	1	1	0	600	600	0
11/12/2023 12:44	51604 DUKE_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/12/2023 12:49	65001 NEFF_T2	28	8	-20	0.15	0.16	0.01	-1.36	-1.34	1	1	0	1200	1200	0
11/12/2023 12:54	65003 NEFF_T2	1	2	1	0.1	0.2	0.1	0	0	0	0	0	0	0	0
11/12/2023 12:59	63203 MGTN_T1	0	0	0	0	0	0	-0.25	-0.25	1	1	0	600	600	0
11/12/2023 13:01	42002 MNVL_T2	1	1	0	4.8	4.7	-0.1	0	0	0	0	0	0	0	0
11/12/2023 13:02	53802 MBRG_T2	0	0	0	0	0	0	0.54	0.49	0	0	0	0	0	0
11/12/2023 13:03	67204 TEHI_T2	0	0	0	0	0	0	-0.25	-0.28	0	0	0	0	0	0
11/12/2023 13:04	12402 MILF_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/12/2023 13:04	12202 FOGE_T2	152	165	13	0.58	0.52	-0.06	0	0	1	1	0	600	600	0
11/12/2023 13:05	51201 MTON_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/12/2023 13:06	13901 SEID_T1	0	0	0	0	0	0	0.23	0.21	0	0	0	0	0	0
11/12/2023 13:11	67204 TEHI_T2	0	0	0	0	0	0	-0.28	-0.28	0	0	0	0	0	0
11/12/2023 13:13	54501 ENOL_T2	0	0	3	0	0	0	-0.53	-0.55	1	1	0	600	600	0
11/12/2023 13:14	54502 ENOL_T2	0	1	1	0	0.1	0.1	0	0	0	0	0	0	0	0
11/12/2023 13:19	65001 NEFF_T2	6	6	0	0.18	0.18	0	-1.38	-1.3	1	1	0	1200	1200	0
11/12/2023 13:21	14802 TREI_T2	1	1	0	0.1	0.1	0	0.33	0.34	0	0	0	0	0	0
11/12/2023 13:22	13904 SEID_T1	1	0	-1	0.1	0	-0.1	0	0	0	0	0	0	0	0
11/12/2023 13:40	44302 BEAV_T2	91	67	-24	0.26	0.22	-0.04	0.22	0.22	0	0	0	0	0	0
11/12/2023 13:41	61303 EARL_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/12/2023 13:42	61303 EARL_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/12/2023 13:43	61304 EARL_T1	1	1	0	0.2	0.2	0	0	0	0	0	0	0	0	0
11/12/2023 13:43	59301 MCAL_T1	75	71	-4	0.55	0.49	-0.06	0	0	0	0	0	0	0	0
11/12/2023 13:47	51604 DUKE_T2	3	3	0	0.43	0.6	0.17	-1.73	-1.72	1	1	0	900	900	0
11/12/2023 13:53	51602 DUKE_T2	1	0	-1	0.2	0	-0.2	0	0	0	0	0	0	0	0
11/12/2023 13:59	42002 MNVL_T2	1	1	0	4.6	4.7	0.1	0	0	0	0	0	0	0	0
11/12/2023 14:00	45802 HEGI_T2	0	0	0	0	0	0	0.16	0.24	0	0	0	0	0	0
11/12/2023 14:01	45802 HEGI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/12/2023 14:05	43301 WATS_T2	1	0	-1	0.5	0	-0.5	0	0	0	0	0	0	0	0
11/12/2023 14:06	43001 ALWD_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/12/2023 14:06	43304 WATS_T2	0	0	0	0	0	0	-0.82	-0.82	0	0	0	0	0	0
11/12/2023 14:07	43301 WATS_T2	1	0	-1	0.5	0	-0.5	0	0	0	0	0	0	0	0
11/12/2023 14:08	43301 WATS_T2	1	0	-1	0.5	0	-0.5	-0.67	-0.62	1	1	0	900	900	0
11/12/2023 14:08	59201 THOM_T1	1	1	0	0.2	0.1	-0.1	0	0	0	0	0	0	0	0
11/12/2023 14:08	43304 WATS_T2	0	0	0	0	0	0	-0.82	-0.82	0	0	0	0	0	0
11/12/2023 14:09	43302 WATS_T2	4	4	0	0.2	0.25	0.05	0	0	0	0	0	0	0	0
11/12/2023 14:10	43304 WATS_T2	0	0	0	0	0	0	-0.82	-0.82	0	0	0	0	0	0
11/12/2023 14:10	43001 ALWD_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/12/2023 14:15	59302 MCAL_T1	1	1	0	0.8	0.9	0.1	0.24	0.22	0	0	0	0	0	0
11/12/2023 14:15	40101 HUNT_T2	0	0	0	0	0	0	-0.65	-0.59	0	0	0	0	0	0
11/12/2023 14:17	56501 ROCK_T2	34	156	122	0.33	0.21	-0.12	-1.65	-1.6	0	0	0	0	0	0
11/12/2023 14:18	44201 POIN_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/12/2023 14:19	56501 ROCK_T2	34	156	122	0.33	0.21	-0.12	-1.65	-1.6	0	0	0	0	0	0
11/12/2023 14:19	64101 REFR_T1	1	0	-1	0.5	0	-0.5	-0.1	-0.09	0	0	0	0	0	0
11/12/2023 14:19	44201 POIN_T1	0	0	0	0	0	0	-2.06	-2.07	1	1	0	900	900	0
11/12/2023 14:19	13901 SEID_T1	0	0	0	0	0	0	0.21	0.21	0	0	0	0	0	0
11/12/2023 14:19	54001 SDLE_T1	3	4	1	0.2	0.33	0.13	0	0	0	0	0	0	0	0
11/12/2023 14:20	54001 SDLE_T1	3	4	1	0.2	0.33	0.13	0	0	0	0	0	0	0	0
11/12/2023 14:20	45302 WBER_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/12/2023 14:20	64101 REFR_T1	1	0	-1	0.5	0	-0.5	-0.2	-0.18	0	0	0	0	0	0
11/12/2023 14:21	56504 ROCK_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/12/2023 14:21	43001 ALWD_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/12/2023 14:22	59102 WALK_T2	0	1	1	0	0.1	0.1	0	0	0	0	0	0	0	0
11/12/2023 14:22	43302 WATS_T2	4	0	-4	0.25	0	-0.25	0	0	0	0	0	0	0	0
11/12/2023 14:22	64101 REFR_T1	1	0	-1	0.5	0	-0.5	-0.1	-0.09	0	0	0	0	0	0
11/12/2023 14:23	43001 ALWD_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/12/2023 14:23	59101 WALK_T2	1	1	0	0	0	0	1.44	1.37	0	0	0	0	0	0
11/12/2023 14:24	20401 ASHF_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/12/2023 14:24	43302 WATS_T2	4	0	-4	0.25	0	-0.25	0	0	0	0	0	0	0	0
11/12/2023 14:25	43301 WATS_T2	0	0	0	0	0	0	-0.62	-0.65	1	1	0	900	900	0
11/12/2023 14:25	20403 ASHF_T2	0	1	1	0	0.2	0.2	0.13	0.13	0	0	0	0	0	0
11/12/2023 14:28	40902 JESH_T1	0	0	0	0	0	0	-0.73	-0.73	0	0	0	0	0	0
11/12/2023 14:29	46503 LOHA_T1	0	0	0	0	0	0	-0.62	-0.62	0	0	0	0	0	0
11/12/2023 14:30	40101 HUNT_T2	0	0	0	0	0	0	-0.59	-0.61	0	0	0	0	0	0
11/12/2023 14:30	46503 LOHA_T1	0	0	0	0	0	0	-0.62	-0.62	0	0	0	0	0	0
11/12/2023 14:30	12701 MACU_T1	0	0	0	0	0	0	0.08	0.12	0	0	0	0	0	0
11/12/2023 14:31	40101 HUNT_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/12/2023 14:32	12701 MACU_T1	0	0	0	0	0	0	0.08	0.12	0	0	0	0	0	0
11/12/2023 14:33	12402 MILF_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/12/2023 14:33	64801 MONE_T2	1	1	0	0.3	0.3	0	0.26	0.21	0	0	0	0	0	0
11/12/2023 14:34	44201 POIN_T1	0	0	0	0	0	0	-2.07	-2.02	1	1	0	900	900	0
11/12/2023 14:34	42802 SELI_T1	0	1	1	0	0.1	0.1	-2.25	-2.27	1	1	0	900	900	0
11/12/2023 14:35	56501 ROCK_T2	128	125	-3	0.21	0.21	0	-1.6	-1.63	0	0	0	0	0	0
11/12/2023 14:35	64101 REFR_T1	0	0	0	0	0	0	-0.09	-0.13	0	0	0	0	0	0
11/12/2023 14:36	13901 SEID_T1	0	0	0	0	0	0	0.21	0.21	0	0	0	0	0	0
11/12/2023 14:36	45302 WBER_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/12/2023 14:36	64101 REFR_T1	0	0	0	0	0	0	-0.18	-0.26	0	0	0	0	0	0
11/12/2023 14:37	43001 ALWD_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/12/2023 14:38	60201 ATGL_T2	0	0	0	0	0	0	0.08	0.08	0	0	0	0	0	0
11/12/2023 14:38	59101 WALK_T2	1	1	0	0	0	0	2.74	2.94	0	0	0	0	0	0
11/12/2023 14:38	43001 ALWD_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/12/2023 14:41	56501 ROCK_T2	128	125	-3	0.21	0.21	0	-1.63	-1.64	0	0	0	0	0	0
11/12/2023 14:43	21606 EYNO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/12/2023 14:44	40902 JESH_T1	0	0	0	0	0	0	-0.73	-0.72	0	0	0	0	0	0
11/12/2023 14:45	42903 MIDD_T2	2	29	27	2	0.34	-1.66	0	0	0	0	0	0	0	0
11/12/2023 14:45	63203 MGTN_T1	0	0	0	0	0	0	-0.22	-0.23	1	1	0	600	600	0
11/12/2023 14:45	59301 MCAL_T1	54	76	22	0.33	0.56	0.23	-2.32	-2.26	0	0	0	0	0	0
11/12/2023 14:46	59301 MCAL_T1	54	76	22	0.33	0.56	0.23	0	0	0	0	0	0	0	0
11/12/2023 14:46	22903 HARW_T1	13	29	16	0.52	0.6	0.08	0	0	0	0	0	0	0	0
11/12/2023 14:46	12701 MACU_T1	0	0	0	0	0	0	0.06	0.03	0	0	0	0	0	0
11/12/2023 14:48	44601 SALE_T2	1	1	0	0.4	0.3	-0.1	-0.24	-0.26	0	0	0	0	0	0
11/12/2023 14:48	12701 MACU_T1	0	0	0	0	0	0	0.12	0.06	0	0	0	0	0	0
11/12/2023 14:48	56504 ROCK_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/12/2023 14:48	65001 NEFF_T2	2	0	-2	0.1	0	-0.1	-1.26	-1.29	1	1	0	1200	1200	0
11/12/2023 14:49	59301 MCAL_T1	54	76	22	0.33	0.56	0.23	-1.16	-1.13	0	0	0	0	0	0
11/12/2023 14:49	42902 MIDD_T2	30	135	105	0.31	0.43	0.12	-0.65	-0.64	0	0	0	0	0	0
11/12/2023 14:49	44201 POIN_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/12/2023 14:50	12202 FOGE_T2	190	206	16	0.55	0.62	0.07	0	0	1	1	0	600	600	0
11/12/2023 14:50	44201 POIN_T1	0	0	0	0	0	0	-2.02	-2.12	1	1	0	900	900	0
11/12/2023 14:51	44601 SALE_T2	1	1	0	0.4	0.3	-0.1	-0.24	-0.26	0	0	0	0	0	0
11/12/2023 14:51	56501 ROCK_T2	125	64	-61	0.2	0.24	0.04	0	0	0	0	0	0	0	0
11/12/2023 14:51	12701 MACU_T1	0	0	0	0	0	0	0.06	0.03	0	0	0	0	0	0
11/12/2023 14:52	64101 REFR_T1	0	0	0	0	0	0	0	-0.13	0	0	0	0	0	0
11/12/2023 14:53	56802 BENV_T2	1	1	0	1	0.8	-0.2	-1.46	-1.47	0	0	0	0	0	0
11/12/2023 14:54	56802 BENV_T2	0	0	0	0	0	0	0	0	0

11/12/2023 16:50	52501 PROG_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
11/12/2023 17:02	40201 BEGA_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
11/12/2023 17:12	48302 ORWI_T2	2	2	0	0.45	0.5	0.05	-0.46	-0.45	0	0	0	0	0
11/12/2023 18:03	59402 RFLD_T2	0	0	0	0	0	0	-0.31	-0.32	0	0	0	0	0
11/12/2023 18:44	48901 FOSP_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
11/12/2023 18:46	26401 INOR_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
11/12/2023 18:47	29402 BELT_T1	1	1	0	6	6.3	0.3	0	0	0	0	0	0	0
11/12/2023 18:47	45901 AUBU_T1	0	0	0	0	0	0	1.01	1	0	0	0	0	0
11/12/2023 18:47	12701 MACU_T1	0	0	0	0	0	0	0.16	0.17	0	0	0	0	0
11/12/2023 18:48	26401 INOR_T1	0	0	0	0	0	0	0.39	0.4	0	0	0	0	0
11/12/2023 18:50	27101 GFLD_T2	0	1	0	0	0	0	0	0	0	0	0	0	0
11/12/2023 18:50	12402 MILF_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
11/12/2023 18:50	15001 BLMO_T1	0	1	1	0	0	0	0	0	0	0	0	0	0
11/12/2023 18:51	27502 WEIS_T2	0	0	0	0	0	0	-0.51	-0.54	0	0	0	0	0
11/12/2023 18:51	10805 CHHI_T2	1	1	0	7.7	7.8	0.1	-1.24	-1.21	1	1	0	600	600
11/12/2023 18:51	44201 POIN_T1	0	0	0	0	0	0	-2.06	-2.05	1	1	0	900	900
11/12/2023 18:51	45902 AUBU_T1	0	1	1	0	0.1	0.1	-0.93	-0.86	1	1	0	600	600
11/12/2023 18:52	45902 AUBU_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
11/12/2023 18:52	29401 BELT_T1	0	0	0	0	0	0	0	0	1	1	0	900	900
11/12/2023 18:52	67502 WEWI_T2	0	0	0	0	0	0	-1.43	-1.4	1	0	-1	900	0
11/12/2023 18:52	51004 NHAR_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
11/12/2023 18:52	52004 LING_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
11/12/2023 18:52	20801 LOPD_T1	0	0	0	0	0	0	0.19	0.19	0	0	0	0	0
11/12/2023 18:53	67503 WEWI_T2	0	0	0	0	0	0	-0.34	-0.28	0	0	0	0	0
11/12/2023 18:53	66502 SMAN_T2	0	0	0	0	0	0	0	0	1	1	0	900	900
11/12/2023 18:53	66502 SMAN_T2	0	0	0	0	0	0	0	0	1	1	0	900	900
11/12/2023 18:53	42701 AUGU_T1	0	2	2	0	0.3	0.3	0	0	2	2	0	1800	1800
11/12/2023 18:53	46206 DANV_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
11/12/2023 18:53	45303 WBER_T2	1	0	-1	0.1	0	-0.1	0	0	0	0	0	0	0
11/12/2023 18:54	52502 PROG_T2	0	0	0	0	0	0	-0.58	-0.57	1	1	0	900	900
11/12/2023 18:54	45902 AUBU_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
11/12/2023 18:54	29402 BELT_T1	1	1	0	6	6.3	0.3	0	0	0	0	0	0	0
11/12/2023 18:54	48901 FOSP_T2	0	0	0	0	0	0	-0.43	-0.45	1	1	0	600	600
11/12/2023 18:55	43402 BENT_T1	0	0	0	0	0	0	-1.54	-1.54	2	2	0	1500	1500
11/12/2023 18:55	48901 FOSP_T2	0	0	0	0	0	0	-0.43	-0.45	1	1	0	600	600
11/12/2023 18:55	49803 UNIV_T1	0	0	0	0	0	0	-1.05	-1.03	0	0	0	0	0
11/12/2023 18:55	52402 GRPA_T2	5	4	-1	0.72	0.9	0.18	0	0	0	0	0	0	0
11/12/2023 18:55	14403 SSLA_T1	0	1	1	0	0	0	0.88	0.91	0	0	0	0	0
11/12/2023 18:55	59101 WALK_T2	1	1	0	0	0	0	0.74	0.47	0	0	0	0	0
11/12/2023 18:55	41602 CLEV_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
11/12/2023 18:55	44601 SALE_T2	0	0	0	0	0	0	-0.23	-0.2	0	0	0	0	0
11/12/2023 18:55	41801 GOCI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
11/12/2023 18:55	40101 HUNT_T2	22	32	10	0.45	0.54	0.09	-0.78	-0.77	1	1	0	300	300
11/12/2023 18:56	56802 BENV_T2	0	0	0	0	0	0	-2.58	-2.6	0	0	0	0	0
11/12/2023 18:56	44905 SCOT_T1	1	1	0	0.4	0.2	-0.2	0	0	0	0	0	0	0
11/12/2023 18:56	52502 PROG_T2	0	0	0	0	0	0	-0.57	-0.57	1	1	0	900	900
11/12/2023 18:56	40602 PIGR_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
11/12/2023 18:57	61303 EARL_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
11/12/2023 18:57	52006 LING_T2	3	2	-1	0.17	0.1	-0.07	0	0	0	0	0	0	0
11/12/2023 18:57	66504 SMAN_T2	0	0	0	0	0	0	-1.7	-1.74	1	1	0	1200	1200
11/12/2023 18:57	53903 HALI_T2	0	0	0	0	0	0	-0.2	-0.24	0	0	0	0	0
11/12/2023 18:57	60201 ATGL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
11/12/2023 18:57	48302 ORWI_T2	2	2	0	1.2	1.1	-0.1	-0.5	-0.53	0	0	0	0	0
11/12/2023 18:57	64101 REFR_T1	0	0	0	0	0	0	-0.06	-0.05	0	0	0	0	0
11/12/2023 18:57	67503 WEWI_T2	0	0	0	0	0	0	-0.28	-0.23	0	0	0	0	0
11/12/2023 18:57	10801 CHHI_T1	0	0	0	0	0	0	-2.03	-2.06	3	3	0	2100	2100
11/12/2023 18:57	46203 DANV_T2	0	4	4	0	0.15	0.15	-2.49	-2.5	0	0	0	0	0
11/12/2023 18:57	29402 BELT_T1	1	1	0	6	6.3	0.3	0	0	0	0	0	0	0
11/12/2023 18:57	45902 AUBU_T1	0	1	1	0	0.1	0.1	-1.72	-1.72	2	2	0	1200	1200
11/12/2023 18:57	45501 DERR_T2	0	1	1	0	0	0	-0.55	-0.57	2	2	0	1800	1800
11/12/2023 18:58	42001 MNVL_T2	0	0	0	0	0	0	0.1	0.1	0	0	0	0	0
11/12/2023 18:58	48901 FOSP_T2	0	0	0	0	0	0	-0.45	-0.43	1	1	0	600	600
11/12/2023 18:58	54001 SDLE_T1	3	3	0	0.67	0.83	0.16	0	0	1	1	0	600	600
11/12/2023 18:58	59301 MCAL_T1	2	2	0	0.85	0.85	0	0	0	0	0	0	0	0
11/12/2023 18:58	57401 SPAN_T1	0	0	0	0	0	0	-0.78	-0.82	1	1	0	600	600
11/12/2023 18:58	40101 HUNT_T2	22	32	10	0.45	0.54	0.09	-0.77	-0.77	1	1	0	300	300
11/12/2023 18:58	56503 ROCK_T2	0	1	-1	0	0	0	0	0	0	0	0	0	0
11/12/2023 18:58	45902 AUBU_T1	0	1	1	0	0.1	0.1	-0.86	-0.86	1	1	0	600	600
11/12/2023 18:58	43301 WATS_T2	1	3	2	0.4	0.1	-0.3	0	0	0	0	0	0	0
11/12/2023 18:58	63203 MGTN_T1	0	0	0	0	0	0	-0.29	-0.28	1	1	0	600	600
11/12/2023 18:58	67502 WEWI_T2	0	0	0	0	0	0	-1.4	-1.3	0	1	1	0	900
11/12/2023 18:58	64101 REFR_T1	0	0	0	0	0	0	-0.06	-0.05	0	0	0	0	0
11/12/2023 18:58	66505 SMAN_T2	2	3	1	0.2	0.43	0.23	0	0	2	2	0	1100	1100
11/12/2023 18:58	28601 BLYT_T2	1	1	0	0.3	0	-0.3	0	0	0	0	0	0	0
11/12/2023 18:59	56504 ROCK_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
11/12/2023 18:59	56802 BENV_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
11/12/2023 18:59	12701 MACU_T1	0	0	0	0	0	0	0.17	0.19	0	0	0	0	0
11/12/2023 18:59	43301 WATS_T2	1	3	2	0.4	0.1	-0.3	0	0	0	0	0	0	0
11/12/2023 18:59	43001 ALWD_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
11/12/2023 18:59	41801 GOCI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
11/12/2023 18:59	66502 SMAN_T2	0	0	0	0	0	0	0	0	1	1	0	900	900
11/12/2023 18:59	45303 WBER_T2	1	0	-1	0.1	0	-0.1	0	0	0	0	0	0	0
11/12/2023 18:59	46801 HEPB_T2	0	0	0	0	0	0	0.63	0.61	0	0	0	0	0
11/12/2023 19:00	60201 ATGL_T2	0	0	0	0	0	0	0.24	0.2	0	0	0	0	0
11/12/2023 19:00	42902 MIDD_T2	0	9	9	0	0.13	0.13	-1.22	-1.13	0	0	0	0	0
11/12/2023 19:00	46004 BERW_T2	0	3	3	0	0	0	0	0	0	0	0	0	0
11/12/2023 19:00	21606 EYNO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
11/12/2023 19:00	43301 WATS_T2	2	2	0	0.35	0.75	0.4	0	0	0	0	0	0	0
11/12/2023 19:00	66502 SMAN_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
11/12/2023 19:00	44904 SCOT_T1	0	0	0	0	0	0	-0.85	-0.83	0	0	0	0	0
11/12/2023 19:00	42802 SELI_T1	0	0	0	0	0	0	-2.23	-2.2	1	1	0	900	900
11/12/2023 19:00	56802 BENV_T2	0	0	0	0	0	0	-1.29	-1.3	0	0	0	0	0
11/12/2023 19:00	43201 MVIL_T2	0	2	2	0	0	0	-1.28	-1.27	0	0	0	0	0
11/12/2023 19:00	67605 WARW_T1	0	0	0	0	0	0	-1.24	-1.25	0	0	0	0	0
11/12/2023 19:00	43402 BENT_T1	0	0	0	0	0	0	-1.54	-1.55	2	2	0	1500	1500
11/12/2023 19:00	20402 ASHF_T2	0	3	3	0	0	0	0	0	0	0	0	0	0
11/12/2023 19:00	56501 ROCK_T2	1	2	1	0.5	0.4	-0.1	-1.44	-1.47	0	0	0	0	0
11/12/2023 19:00	65001 NEFF_T2	0	0	0	0	0	0	-1.36	-1.39	1	1	0	1200	1200
11/12/2023 19:00	59301 MCAL_T1	2	2	0	0.85	0.9	0.05	-1.14	-1.13	0	0	0	0	0
11/12/2023 19:00	45501 DERR_T2	0	1	1	0	0	0	-0.55	-0.57	2	2	0	1800	1800
11/12/2023 19:00	67503 WEWI_T2	0	0	0	0	0	0	-0.28	-0.23	0	0	0	0	0
11/12/2023 19:01	22901 HARW_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
11/12/2023 19:01	59301 MCAL_T1	2	2	0	0.85	0.9	0.05	-1.14	-1.13	0	0	0	0	0
11/12/2023 19:01	45902 AUBU_T1	0	7	7	0	0.16	0.16	0	0	0	0	0	0	0
11/12/2023 19:01	46203 DANV_T2	4	4	0	0.13	0.15	0.02	-2.49	-2.5	0	0	0	0	0
11/12/2023 19:01	52502 PROG_T2	0	0	0	0	0	0	-0.57	-0.57	1	1	0	900	900
11/12/2023 19:01	45003 LIME_2	2	2	0	2.2	2.25	0.05	0	0	1	1	0	1200	1200
11/12/2023 19:01	59101 WALK_T2	1	1	0	0	0	0	-0.47	-0.49	0	0	0	0	0
11/12/2023 19:01	57403 SPAN_T1	0	0	0	0	0	0	0.12	0.12	0	0	0	0	0
11/12/2023 19:01	57403 SPAN_T1	0	0	0	0	0	0	0.12	0.12	0	0	0	0	0
11/12/2023 19:01	10801 CHHI_T1	0	0	0	0	0	0	-2.03	-2.06	3	3	0	2100	2100
11/12/2023 19:01	40603 PIGR_T1	0	0	0	0	0	0	-0.77	-0.76	1	1	0	900	900
11/12/2023 19:01	42801 SELI_T1	1	1	0	0	0	0	0	0	0	0	0	0	0
11/12/2023 19:01	40902 JESH_T1	0	0	0	0	0	0	-0.78	-0.8	0	0	0	0	0
11/12/2023 19:01	42902 MIDD_T2	0	9	9	0	0.13	0.13	-0.61	-0.56	0	0	0	0	0
11/12/2023 19:01	45702 LIND_T2	0	0	0	0	0	0	-0.45	-0.46	0	0	0	0	0
11/12/2023 19:01	43201 MVIL_T2	0	2	2	0	0	0	0	0	0	0	0	0	0
11/12/2023 19:01	66502 SMAN_T2	0	1	1	0	0.1	0.1	0	0	2	2	0	1800	1800
11/12/2023 19:02	54701 NEBL_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
11/12/2023 19:02	58402 MORO_T1	0	1	1	0	1.9	1.9	-1.21	-1.23	2	2	0	1500	1500
11/12/2023 19:02	42802 SELI_T1	0	0	0	0	0	0	-6.69	-6.6	3	3	0	2700	2700
11/12/2023 19:02	57401 SPAN_T1	0	0	0	0	0	0	-0.78	-0.82	1	1	0	600	600
11/12/2023 19:02	57401 SPAN_T1	0	0	0	0	0	0	-0.78	-0.82	1	1	0	600	600
11/12/2023 19:02	55002 NEWP_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
11/12/2023 19:02	43402 BENT_T1	0	0	0	0	0	0	-1.54	-1.55	2	2	0	1500	1500
11/12/2023 19:02	66505 SMAN_T2	3	3	0	0.23	0.73	0.5	0	0	0	0	0	0	0
11/12/2023 19:02	51604 DUKE_T2	0	0	0	0	0	0	-1.6	-1.62	1	1	0	900	900
11/12/2023 19:02	64101 REFR_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
11/12/2023 19:02	46801 HEPB_T2	0	0	0	0	0	0	0.63	0.61	0	0	0	0	0
11/12/2023 19:02	20401 ASHF_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
11/12/2023 19:02	43304 WATS_T2	1	3	2	0.2	0.5	0.3	0	0	0	0	0	0	0
11/12/2023 19:02	52402 GRPA_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
11/12/2023 19:02	45302 WBER_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
11/12/2023 19:03	66505 SMAN_T2	3	3	0	0.23	0.73	0.5	0	0	0	0	0	0	0
11/12/2023 19:03	45003 LIME_2	2	2	0	2.2	2.25	0.05	0	0	2	2	0	2400	2400
11/12/2023 19:03	59101 WALK_T2	1	1	0	0	0	0	-0.47	-0.49	0	0	0	0	0
11/12/2023 19:03	42201 SHEN_T2	0	0	0	0	0	0	-0.03	-0.02	1	1	0	600	600
11/12/2023 19:03	42701 AUGU_T1	1	2	1	0.3	0	-0.3	0	0	4	4	0	3600	3600
11/12/2023 19:03	45501 DERR_T2	0	1	1	0	0	0	-0.55	-0.57	2	2	0	1800	1800
11/12/2023 19:04	43201 MVIL_T2	0	2	2	0	0	0	0	0	0	0	0	0	0
11/12/2023 19:04	64101 REFR_T1	0	0	0	0	0	0	-0.06	-0.05	0	0	0	0	0
11/12/2023 19:04	45402 WBLO_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
11/12/2023 19:04	54701 NEBL_T1	0	1	1	0	0	0	0	0	1	1	0	600	600
11/12/2023 19:04	67502 WEWI_T2	0	0	0	0	0	0	-1.4	-1.3	0	1	1	0	900
11/12/2023 19:04	56501 ROCK_T2	1	2	1	0.5	0.4	-0.1	-1.44	-1.47	0	0	0	0	0
11/12/2023 19:04	52401 GRPA_T2	0	2	2	0	0.1	0.1	0	0	0	0	0	0	0
11/12/2023 19:04	43301 WATS_T2	2	2	0	0.35	0.75	0.4	0	0	0	0	0	0	0
11/12/2023 19:04	67502 WEWI_T2	0	0	0	0	0	0	-1.4	-1.3	0	1	1	0	900
11/12/2023 19:04	13704 SCHN_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
11/12/2023 19:04	41902 REED_T1	8	13	5	0.41	0.51	0.1	0.91	0.9	0	0	0	0	0
11/12/2023 19:05	13704 SCHN_T2	0	0	0	0	0	0	-0.32	-0.33	0	0	0	0	0
11/12/2023 19:05	57401 SPAN_T1	0	0	0	0	0	0	-0.78	-0.82	1	1	0	600	600
11/12/2023 19:05	43304 WATS_T2	1	3	2	0.2	0.5	0.3	-1.26	-1.25	0	0	0	0	0
11/12/2023 19:05	12701 MACU_T1	0	0	0	0	0	0	0.17	0.19	0	0	0	0	0
11/12/2023 19:05	65902 SAKR_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
11/12/2023 19:05	41801 GOCI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
11/12/2023 19:05	45802 HEGI_T2	0	0	0	0	0	0	0.03	0.07	0	0	0	0	0
11/12/2023 19:05	45902 AUBU_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
11/12/2023 19:05	56802 BENV_T2	0	0	0	0	0	0	-1.29	-1.3	0	0	0	0	0
11/12/2023 19:05	66505 SMAN_T2	3	3	0	0.23	0.73	0.5	0	0	0	0	0	0	0
11/12/2023 19:05	55002 NEWP_T1	4	3	-1	0.43	0.73	0.3	-0.21	-0.21	0	0	0	0	0
11/12/2023 19:05	41901 REED_T1	1	0	-1	0.1	0	-0.1	-1.86	-1.76	1	1	0	900	900
11/12/2023 19:05	42802 SELI_T1	0	0	0	0	0	0	-2.23	-2.2	1	1	0	900	900
11/12/2023 19:05	64101 REFR_T1	0	0	0	0	0	0	-0.06	-0.05	0	0	0	0	0
11/12/2023 19:06	43301 WATS_T2	2	2	0	0.35	0.75	0.4	0	0	0	0	0	0	0
11/12/2023 19:06	46203 DANV_T2	4	4	0	0.13	0.15	0.02	0	0	0	0	0	0	0
11/12/2023 19:06	40902 JESH_T1	0	0	0	0	0	0	-0.78	-0.8	0	0	0	0	0
11/12/2023 19:06	49803 UNIV_T1	0	0	0	0	0	0	-1.03	-1.08	0	0	0	0	0
11/12/2023 19:06	56802 BENV_T2	0	0	0	0	0	0	-1.29	-1.3	0	0	0	0	0
11/12/2023 19:06	45802 HEGI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
11/12/2023 19:06	64101 REFR_T1	0	0	0	0	0	0	-0.06	-0.05	0	0	0	0	0
11/12/2023 19:06	59101 WALK_T2	1	1	0	0	0	0	-0.94	-0.98	0	0	0	0	0
11/12/2023 19:06	66502 SMAN_T2	0	1	1	0	0.1	0.1	0	0	2	2	0	1800	1800
11/12/2023 19:06	64801 MONE_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
11/12/2023 19:07	52402 GRPA_T2	4	4	0	0.9	0.85	-0.05	0	0	0	0	0	0	0
11/12/2023 19:07	43301 WATS_T2	2	2	0	0.35	0.75	0.4	0	0	0	0	0	0	0
11/12/2023 19:07	42801 SELI_T1	1	1	0	0	0	0	0	0	0	0	0	0	0
11/12/2023 19:07	42902 MIDD_T2	0	9	9	0	0.13	0.13	0	0	0	0	0	0	0
11/12/2023 19:07	55002 NEWP_T1	4	3	-1	0.43	0.73	0.3	-0.21	-0.21	0	0	0	0	0
11/12/2023 19:07	44201 POIN_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
11/12/2023 19:07	52403 GRPA_T2	1	4	3	0.4	0.4	0	0.01	0.01	0	0	0	0	0
11/12/2023 19:07	41602 CLEV_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
11/12/2023 19:07	57403 SPAN_T1	0	0	0	0	0	0	0.12	0.12	0	0	0	0	0
11/12/2023 19:07	13901 SEID_T1	0	0	0	0	0	0	0.26	0.28	0	0	0	0	0
11/12/2023 19:07	40101 HUNT_T2	16	31	15	0.51	0.74	0.23	-0.77	-0.77	1	1	0	300	300
11/12/2023 19:07	46203 DANV_T2	4	4	0	0.13	0.15	0.02	0	0	0	0	0	0	0
11/12/2023 19:07	41902 REED_T1	8	13	5	0.41	0.51	0.1	1.82	1.8	0	0	0	0	0
11/12/2023 19:07	66703 STRA_T1	0	0	0	0	0	0	-0.34	-0.32	0	0	0	0	0
11/12/2023 19:07	61801 EELI_T2	1	1	0	0.6	0.7	0.1	-0.95	-1	1	1	0	600	600
11/12/2023 19:08	43304 WATS_T2	1	3	2	0.2	0.5	0.3	-0.63	-0.63	0	0	0	0	0

11/13/2023 0:28	44601 SALE_T2	0	0	0	0	0	0	-0.22	-0.22	0	0	0	0	0	0
11/13/2023 0:28	48302 ORWI_T2	2	2	0	0.8	0.65	-0.15	0.07	0.07	0	0	0	0	0	0
11/13/2023 0:28	12701 MACU_T1	0	0	0	0	0	0	0.12	0.12	0	0	0	0	0	0
11/13/2023 0:28	42201 SHEN_T2	0	0	0	0	0	0	0.05	0.05	1	1	0	600	600	0
11/13/2023 0:28	64801 MONE_T2	0	0	0	0	0	0	0.3	0.3	0	0	0	0	0	0
11/13/2023 0:28	45303 WBER_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/13/2023 0:28	59202 THOM_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/13/2023 4:18	65001 NEFF_T2	0	0	0	0	0	0	-1.19	-1.2	1	1	0	1200	1200	0
11/13/2023 7:58	45901 AUBU_T1	0	0	0	0	0	0	1.38	1.4	0	0	0	0	0	0
11/13/2023 8:00	45902 AUBU_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/13/2023 8:02	43402 BENT_T1	5	4	-1	0.2	0	-0.2	-1.51	-1.48	2	2	0	1500	1500	0
11/13/2023 8:03	43402 BENT_T1	5	4	-1	0.2	0	-0.2	-1.51	-1.48	2	2	0	1500	1500	0
11/13/2023 8:03	45502 DERR_T2	14	14	0	0.32	0.45	0.13	0	0	0	0	0	0	0	0
11/13/2023 8:04	45502 DERR_T2	14	14	0	0.32	0.45	0.13	0	0	0	0	0	0	0	0
11/13/2023 8:07	42902 MIDD_T2	0	0	0	0	0	0	-0.28	-0.26	1	1	0	600	600	0
11/13/2023 8:08	42903 MIDD_T2	1	0	-1	0.1	0	-0.1	0	0	0	0	0	0	0	0
11/13/2023 8:08	40101 HUNT_T2	375	349	-26	1.16	0.77	-0.39	-0.6	-0.66	0	0	0	0	0	0
11/13/2023 8:09	41901 REED_T1	4	1	-3	0.38	0.4	0.02	0	0	0	0	0	0	0	0
11/13/2023 8:12	41901 REED_T1	4	1	-3	0.38	0.4	0.02	0	0	0	0	0	0	0	0
11/13/2023 8:15	59102 WALK_T2	0	2	2	0	0.1	0.1	0	0	0	0	0	0	0	0
11/13/2023 8:16	43402 BENT_T1	1	3	2	0.8	0.1	-0.7	-1.48	-1.44	2	2	0	1500	1500	0
11/13/2023 8:19	52404 GRPA_T2	2	10	8	0.25	0	-0.25	0.63	0.57	0	0	0	0	0	0
11/13/2023 8:20	52404 GRPA_T2	2	10	8	0.25	0	-0.25	0.63	0.57	0	0	0	0	0	0
11/13/2023 8:24	55002 NEWP_T1	4	7	3	0.25	0.73	0.48	-0.18	-0.14	0	0	0	0	0	0
11/13/2023 8:25	54701 NEBL_T1	0	0	0	0	0	0	0	0	1	1	0	600	600	0
11/13/2023 8:28	54701 NEBL_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/13/2023 8:29	43402 BENT_T1	1	3	2	0.8	0.1	-0.7	-1.44	-1.43	2	2	0	1500	1500	0
11/13/2023 8:35	49803 UNIV_T1	0	1	1	0	0.2	0.2	-0.95	-0.94	0	0	0	0	0	0
11/13/2023 8:40	13901 SEID_T1	0	0	0	0	0	0	0.31	0.3	0	0	0	0	0	0
11/13/2023 8:47	29402 BELT_T1	1	3	2	7.5	2.73	-4.77	0	0	0	0	0	0	0	0
11/13/2023 8:49	10805 CHHI_T2	11	15	4	1.7	1.71	0.01	-0.56	-0.51	1	1	0	600	600	0
11/13/2023 8:53	58402 MORO_T1	0	1	1	0	1.1	1.1	-1.83	-1.81	3	3	0	2400	2400	0
11/13/2023 8:54	58402 MORO_T1	0	1	1	0	1.1	1.1	-1.83	-1.81	3	3	0	2400	2400	0
11/13/2023 8:56	13901 SEID_T1	0	0	0	0	0	0	0.32	0.27	0	0	0	0	0	0
11/13/2023 8:57	44203 POIN_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/13/2023 8:58	44203 POIN_T2	0	0	0	0	0	0	-0.42	-0.6	2	2	0	2100	2100	0
11/13/2023 9:00	53903 HALI_T2	2	2	0	1.2	1.3	0.1	-0.21	-0.16	0	0	0	0	0	0
11/13/2023 9:00	64802 MONE_T2	0	3	3	0	0.27	0.27	0.21	0.23	0	0	0	0	0	0
11/13/2023 9:00	52503 PROG_T2	0	0	0	0	0	0	-0.57	-0.55	1	1	0	900	900	0
11/13/2023 9:00	43401 BENT_T1	0	1	1	0	0	0	0	0	0	0	0	0	0	0
11/13/2023 9:00	51604 DUKE_T2	0	3	3	0	0.33	0.33	-1.59	-1.59	1	1	0	900	900	0
11/13/2023 9:01	59302 MCAL_T1	2	0	-2	0.2	0	-0.2	0	0	0	0	0	0	0	0
11/13/2023 9:01	27502 WEIS_T2	0	0	0	0	0	0	-0.27	-0.33	0	0	0	0	0	0
11/13/2023 9:04	53601 DALM_T2	2	1	-1	0.45	1.1	0.65	-0.24	-0.4	1	1	0	900	900	0
11/13/2023 9:05	47101 MARL_T1	4	4	0	0.35	0.1	-0.25	-1.65	-1.66	1	1	0	600	600	0
11/13/2023 9:06	15001 BLMO_T1	1	0	-1	0.2	0	-0.2	0	0	0	0	0	0	0	0
11/13/2023 9:08	43202 MVIL_T2	0	0	0	0	0	0	-0.51	-0.54	0	0	0	0	0	0
11/13/2023 9:10	43202 MVIL_T2	0	0	0	0	0	0	-0.51	-0.54	0	0	0	0	0	0
11/13/2023 9:10	54701 NEBL_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/13/2023 9:11	67002 STHI_T2	38	28	-10	0.15	0.15	0	0.6	0.62	0	0	0	0	0	0
11/13/2023 9:12	67001 STHI_T2	176	52	-124	0.13	0.14	0.01	0	0	0	0	0	0	0	0
11/13/2023 9:12	13901 SEID_T1	0	0	0	0	0	0	0.27	0.29	0	0	0	0	0	0
11/13/2023 9:12	55002 NEWP_T1	7	9	2	0.89	0.92	0.03	-0.14	-0.15	0	0	0	0	0	0
11/13/2023 9:12	54701 NEBL_T1	0	0	0	0	0	0	0	0	1	1	0	600	600	0
11/13/2023 9:13	57401 SPAN_T1	2	25	23	0.45	0.26	-0.19	-1.1	-0.38	1	0	-1	600	0	-600
11/13/2023 9:13	59101 WALK_T2	1	1	0	0	0	0	2.47	2.21	0	0	0	0	0	0
11/13/2023 9:13	67001 STHI_T2	176	52	-124	0.13	0.14	0.01	0	0	0	0	0	0	0	0
11/13/2023 9:13	29402 BELT_T1	2	3	1	3.75	2.73	-1.02	0	0	0	0	0	0	0	0
11/13/2023 9:14	57401 SPAN_T1	2	25	23	0.45	0.26	-0.19	-1.1	-0.38	1	0	-1	600	0	-600
11/13/2023 9:14	66901 SHIL_T2	83	39	-44	0.18	0.14	-0.04	-1.6	-1.63	1	1	0	1200	1200	0
11/13/2023 9:15	67002 STHI_T2	28	0	-28	0.15	0	-0.15	0.6	0.62	0	0	0	0	0	0
11/13/2023 9:15	57401 SPAN_T1	25	8	-17	0.24	0.41	0.17	-2.2	-0.77	2	0	-2	1200	0	-1200
11/13/2023 9:15	46203 DANV_T2	0	7	7	0	0.24	0.24	-2.48	-2.5	1	0	0	0	0	0
11/13/2023 9:16	45501 DERR_T2	10	10	0	0.62	0.58	-0.04	2.07	1.95	4	4	0	3600	3600	0
11/13/2023 9:16	57401 SPAN_T1	25	8	-17	0.24	0.41	0.17	-3.29	-1.15	3	0	-3	1800	0	-1800
11/13/2023 9:17	46203 DANV_T2	0	7	7	0	0.24	0.24	0	0	0	0	0	0	0	0
11/13/2023 9:17	49804 UNIV_T1	0	6	6	0	0.2	0.2	0	0	0	0	0	0	0	0
11/13/2023 9:18	45502 DERR_T2	4	6	2	0.6	0.55	-0.05	0	0	0	0	0	0	0	0
11/13/2023 9:18	43402 BENT_T1	24	0	-24	0.33	0	-0.33	-1.39	-1.43	2	2	0	1500	1500	0
11/13/2023 9:19	45502 DERR_T2	4	6	2	0.6	0.55	-0.05	0	0	0	0	0	0	0	0
11/13/2023 9:20	46203 DANV_T2	0	7	7	0	0.24	0.24	0	0	0	0	0	0	0	0
11/13/2023 9:21	45501 DERR_T2	10	10	0	0.62	0.58	-0.04	0	0	0	0	0	0	0	0
11/13/2023 9:23	55002 NEWP_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/13/2023 9:24	58402 MORO_T1	1	0	-1	1.1	0	-1.1	-1.89	-1.83	3	3	0	2400	2400	0
11/13/2023 9:26	58402 MORO_T1	1	0	-1	1.1	0	-1.1	-3.66	-3.65	6	6	0	4800	4800	0
11/13/2023 9:27	48302 ORWI_T2	2	2	0	0.95	0.85	-0.1	0.26	0.23	0	0	0	0	0	0
11/13/2023 9:28	55002 NEWP_T1	7	9	2	1.01	0.87	-0.14	-0.15	-0.16	0	0	0	0	0	0
11/13/2023 9:28	59102 WALK_T2	1	1	0	0.2	0.1	-0.1	0	0	0	0	0	0	0	0
11/13/2023 9:28	56802 BENV_T2	4	4	0	0.33	0.25	-0.08	-1.26	-1.24	0	0	0	0	0	0
11/13/2023 9:29	29401 BELT_T1	30	0	-30	0.16	0	-0.16	0	0	0	0	0	0	0	0
11/13/2023 9:29	59101 WALK_T2	1	2	1	0	0.5	0.5	4.42	3.88	0	0	0	0	0	0
11/13/2023 9:29	45902 AUBU_T1	1	1	0	0.4	0.5	0.1	-0.57	-0.33	2	2	0	1200	1200	0
11/13/2023 9:30	59101 WALK_T2	1	2	1	0	0.5	0.5	2.21	1.94	0	0	0	0	0	0
11/13/2023 9:30	45901 AUBU_T1	0	0	0	0	0	0	1.34	1.3	0	0	0	0	0	0
11/13/2023 9:33	45901 AUBU_T1	0	0	0	0	0	0	1.34	1.3	0	0	0	0	0	0
11/13/2023 9:33	41801 GOCI_T2	1	1	0	0.2	0.3	0.1	0	0	0	0	0	0	0	0
11/13/2023 9:37	46901 MNTG_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/13/2023 9:38	52401 GRPA_T2	1	1	0	0.4	0.7	0.3	0	0	0	0	0	0	0	0
11/13/2023 9:39	44203 POIN_T2	0	0	0	0	0	0	-0.69	-0.51	2	2	0	2100	2100	0
11/13/2023 9:40	41902 REED_T1	0	0	0	0	0	0	1.11	1.1	0	0	0	0	0	0
11/13/2023 9:41	45301 WBER_T2	0	1	1	0	0	0	0	0	0	0	0	0	0	0
11/13/2023 9:41	41902 REED_T1	0	0	0	0	0	0	1.1	1.16	0	0	0	0	0	0
11/13/2023 9:42	45301 WBER_T2	0	1	1	0	0	0	0	0	0	0	0	0	0	0
11/13/2023 9:42	44203 POIN_T2	0	0	0	0	0	0	-0.51	-0.58	2	2	0	2100	2100	0
11/13/2023 9:43	41902 REED_T1	0	0	0	0	0	0	1.1	1.16	0	0	0	0	0	0
11/13/2023 9:44	10801 CHHI_T1	2	5	3	0.25	0.26	0.01	-1.24	-1.2	2	2	0	1500	1500	0
11/13/2023 9:44	56802 BENV_T2	3	2	-1	0.2	0.5	0.3	-2.48	-2.56	0	0	0	0	0	0
11/13/2023 9:44	43304 WATS_T2	0	2	2	0	0	0	0	0	0	0	0	0	0	0
11/13/2023 9:45	56802 BENV_T2	2	2	0	0.35	0.8	0.45	-1.24	-1.28	0	0	0	0	0	0
11/13/2023 9:46	56802 BENV_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/13/2023 9:47	54502 ENOL_T2	1	1	0	0.2	0.5	0.3	-4.06	-4.12	2	2	0	1200	1200	0
11/13/2023 9:47	54502 ENOL_T2	1	1	0	0.2	0.5	0.3	-4.06	-4.12	2	2	0	1200	1200	0
11/13/2023 9:48	11804 FRAN_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/13/2023 9:49	44301 BEAV_T2	0	1	1	0	0	0	0.26	0.24	2	2	0	1500	1500	0
11/13/2023 9:50	22901 HARW_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/13/2023 9:50	40101 HUNT_T2	191	285	94	0.55	0.78	0.23	-0.49	-0.39	0	0	0	0	0	0
11/13/2023 9:51	40101 HUNT_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/13/2023 9:53	64801 MONE_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/13/2023 9:54	64101 REFR_T1	1	2	1	0.3	0.15	-0.15	-0.06	-0.08	0	0	0	0	0	0
11/13/2023 9:55	54001 SDLE_T1	4	2	-2	0.53	0.85	0.32	0	0	0	0	0	0	0	0
11/13/2023 9:55	43201 MVIL_T2	0	0	0	0	0	0	-1.31	-1.28	0	0	0	0	0	0
11/13/2023 9:56	54001 SDLE_T1	4	2	-2	0.53	0.85	0.32	0	0	0	0	0	0	0	0
11/13/2023 9:56	66504 SMAN_T2	0	0	0	0	0	0	-0.22	-0.23	0	0	0	0	0	0
11/13/2023 9:56	64101 REFR_T1	1	2	1	0.3	0.15	-0.15	-0.08	-0.08	0	0	0	0	0	0
11/13/2023 9:57	64101 REFR_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/13/2023 9:57	42601 TUSC_T1	8	5	-3	0.15	0.23	0.08	0.66	0.72	2	2	0	1800	1800	0
11/13/2023 9:58	41902 REED_T1	0	10	10	0	0	0	0	0	0	0	0	0	0	0
11/13/2023 9:59	44901 SCOT_T2	0	0	0	0	0	0	-0.38	-0.41	0	0	0	0	0	0
11/13/2023 9:59	66503 SMAN_T2	47	6	-41	0.12	0.1	-0.02	0	0	0	0	0	0	0	0
11/13/2023 9:59	56504 ROCK_T2	1	1	0	2.6	0	-2.6	0	0	0	0	0	0	0	0
11/13/2023 9:59	20402 ASHF_T2	0	1	1	0	0.3	0.3	0	0	0	0	0	0	0	0
11/13/2023 9:59	64101 REFR_T1	1	2	1	0.3	0.15	-0.15	-0.08	-0.08	0	0	0	0	0	0
11/13/2023 10:00	57403 SPAN_T1	2	6	4	0.15	0.3	0.15	0	0	0	0	0	0	0	0
11/13/2023 10:00	45502 DERR_T2	3	6	3	0.63	0.57	-0.06	0	0	0	0	0	0	0	0
11/13/2023 10:00	54001 SDLE_T1	2	3	1	0.7	0.67	-0.03	0	0	0	0	0	0	0	0
11/13/2023 10:01	20403 ASHF_T2	3	6	3	0.33	0.42	0.09	0.2	0.19	0	0	0	0	0	0
11/13/2023 10:01	42601 TUSC_T1	4	13	9	0.23	0.56	0.33	0.66	0.72	2	2	0	1800	1800	0
11/13/2023 10:02	43304 WATS_T2	2	2	0	0.75	0	-0.75	-0.03	-0.37	0	0	0	0	0	0
11/13/2023 10:03	46203 DANV_T2	2	0	-2	0.2	0	-0.2	-2.47	-2.53	0	0	0	0	0	0
11/13/2023 10:04	40902 JESH_T1	0	1	1	0	0	0	-0.21	-0.16	1	1	0	600	600	0
11/13/2023 10:05	44901 SCOT_T2	0	0	0	0	0	0	-0.38	-0.41	0	0	0	0	0	0
11/13/2023 10:08	42902 MIDD_T2	1	2	1	0.5	0.1	-0.4	-0.34	-0.27	1	1	0	600	600	0
11/13/2023 10:08	52402 GRPA_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/13/2023 10:09	42902 MIDD_T2	1	2	1	0.5	0.1	-0.4	-0.34	-0.27	1	1	0	600	600	0
11/13/2023 10:10	55002 NEWP_T1	4	8	4	0.98	0.8	-0.18	-0.17	-0.17	0	0	0	0	0	0
11/13/2023 10:10	13302 ORVI_T2	3	6	3	0.53	0.37	-0.16	1.03	1.07	0	0	0	0	0	0
11/13/2023 10:11	64101 REFR_T1	2	1	-1	0.1	0.2	0.1	-0.08	-0.05	0	0	0	0	0	0
11/13/2023 10:11	67204 TEHI_T2	0	0	0	0	0	0	0.02	0.01	0	0	0	0	0	0
11/13/2023 10:11	50701 SMEC_T1	3	6	3	0.23	0.18	-0.05	0.22	0.11	0	0	0	0	0	0
11/13/2023 10:11	43201 MVIL_T2	0	0	0	0	0	0	-1.22	-1.15	0	0	0	0	0	0
11/13/2023 10:11	55002 NEWP_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/13/2023 10:12	67502 WEWI_T2	1	2	1	0.5	0.5	0	-0.1	-0.02	0	0	0	0	0	0
11/13/2023 10:12	67204 TEHI_T2	0	0	0	0	0	0	0.02	-0.01	0	0	0	0	0	0
11/13/2023 10:12	64101 REFR_T1	2	1	-1	0.1	0.2	0.1	-0.08	-0.05	0	0	0	0	0	0
11/13/2023 10:12	67605 WARW_T1	2	6	4	0.4	0.47	0.07	-1.26	-1.22	0	0	0	0	0	0
11/13/2023 10:13	67502 WEWI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/13/2023 10:13	56802 BENV_T2	2	2	0	0.45	0.8	0.35	-1.36	-1.34	0	0	0	0	0	0
11/13/2023 10:13	56501 ROCK_T2	101	180	79	0.18	0.23	0.05	0	0	0	0	0	0	0	0
11/13/2023 10:14	56501 ROCK_T2	101	180	79	0.18	0.23	0.05	0	0	0	0	0	0	0	0
11/13/2023 10:14	56802 BENV_T2	2	2	0	0.45	0.8	0.35	-2.71	-2.68	0	0	0	0	0	0
11/13/2023 10:14	43304 WATS_T2	2	2	0	0.75	0	-0.75	-0.37	-0.39	0	0	0	0	0	0
11/13/2023 10:15	67503 WEWI_T2	0	2	2	0	0.15	0.15	-0.17	-0.35	0	0	0	0	0	0
11/13/2023 10:15	43304 WATS_T2	0	1	1	0	1	1	-0.75	-0.78	0	0	0	0	0	0
11/13/2023 10:15	56501 ROCK_T2	155	163	8	0.21	0.22	0.01	0	0	0	0	0	0	0	0
11/13/2023 10:15	50701 SMEC_T1	6	0	-6	0.18	0	-0.18	0.22	0.11	0	0	0	0	0	0
11/13/2023 10:15	59102 WALK_T2	1	2	1	0.2	0.35	0.15	0	0	0	0	0	0	0	0
11/13/2023 10:15	57403 SPAN_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/13/2023 10:16	43304 WATS_T2	0	1	1	0	1	1	-0.37	-0.39	0	0	0	0	0	0
11/13/2023 10:16	67502 WEWI_T2	1	4	3	0.6	0.55	-0.05	-0.1	-0.02	0	0	0	0	0	0
11/13/2023 10:16	44904 SCOT_T1	0	0	0	0	0	0	0.27	0.28	0	0	0	0	0	0
11/13/2023 10:17	62605 ENGI_T1	1	1	0	0.3	0.5	0.2	0	0	0	0	0	0	0	0
11/13/2023 10:18	62605 ENGI_T1	1	1	0	0.3	0.5	0.2	0	0	0	0	0	0	0	0
11/13/2023 10:18	54503 ENOL_T2	0	0	0	0	0	0	-0.4	-0.39	1	1	0	600	600	0
11/13/2023 10:18	43402 BENT_T1	0	3	3	0	0	0	-1.39	-1.28	2	2	0	1500	1500	0
11/13/2023 10:19	54504 ENOL_T2	0	0	0	0	0	0	-1.1	-0.97	1	1	0	600	600	0
11/13/2023 10:19	52401 GRPA_T2	1	1	0	0.3	0.5	0.2	0	0	0	0	0	0	0	0
11/13/2023 10:20	62604 ENGI_T1	0	0	0	0	0	0	-0.41	-0.42	1	1	0	600	600	0
11/13/2023 10:20	53901 HALI_T2	0	1	1	0	0.1	0.1	0	0	0	0	0	0	0	0
11/13/2023 10:21	21901 HUMB_T1	0	0	0	0	0	0	-2.07	-2.1	0	0	0	0	0	0
11/13/2023 10:21	61801 EELI_T2	5	6	1	0.56	0.67	0.11	-0.26	-0.23	0	0	0	0	0	0
11/13/2023 10:22	66505 SMAN_T2	0	0	0	0	0	0	0	0	1	1	0	900	900	0
11/13/2023 10:23	53903 HALI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/13/2023 10:23	62604 ENGI_T1	0	0	0	0	0	0	-0.41	-0.42	1	1	0	600	600	0
11/13/2023 10:23	40101 HUNT_T2	253	309	56	0.83	0.55	-0.28	-0.38	-0.4	0	0	0	0	0	0
11/13/2023 10:24	56504 ROCK_T2	0	1	1	0	0	0	0	0	0	0	0	0	0	0
11/13/2023 10:25	54502 ENOL_T2	1	1	0	0.5	0.5	0	-2.01	-2.05	1	1	0	600	600	0
11/13/2023 10:25	52502 PROG_T2	0	1	1	0	0.2	0.2	-0.59	-0.58	1	1	0	900	900	0
11/13/2023 10:26	59101 WALK_T2	1	2	1	0

Appendix C - Grid Benefits Achieved in Each Instance of Active Management

11/13/2023 10:44	40602 PIGR_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/13/2023 10:45	51302 WIND_T2	1	0	-1	0.2	0	-0.2	0	0	0	0	0	0	0	0
11/13/2023 10:45	16302 ALPA_T2	8	3	-5	0.36	0.47	0.11	-0.68	-0.63	0	0	0	0	0	0
11/13/2023 10:46	44901 SCOT_T2	0	0	0	0	0	0	-0.16	0.03	0	0	0	0	0	0
11/13/2023 10:46	16302 ALPA_T2	8	3	-5	0.36	0.47	0.11	-2.04	-1.89	0	0	0	0	0	0
11/13/2023 10:46	10805 CHHI_T2	8	9	1	1.64	2.04	0.4	-0.65	-0.66	1	1	0	600	600	0
11/13/2023 10:46	45402 WBLO_T2	0	1	1	0	1	1	0	0	0	0	0	0	0	0
11/13/2023 10:46	51302 WIND_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/13/2023 10:47	65001 NEFF_T2	0	0	0	0	0	0	-0.42	-0.46	1	1	0	1200	1200	0
11/13/2023 10:47	44301 BEAV_T2	1	2	1	0.3	0.1	-0.2	0.52	0.66	4	4	0	3000	3000	0
11/13/2023 10:48	46003 BERW_T2	1	3	2	3.7	2.7	-1	0	0	0	0	0	0	0	0
11/13/2023 10:49	46801 HEPB_T2	2	2	0	0.15	0.35	0.2	0.76	0.68	0	0	0	0	0	0
11/13/2023 10:50	46801 HEPB_T2	2	2	0	0.15	0.35	0.2	0.76	0.68	0	0	0	0	0	0
11/13/2023 10:51	52004 LING_T2	1	1	0	1.1	1	-0.1	0.24	0.21	0	0	0	0	0	0
11/13/2023 10:52	64301 LINC_T1	0	0	0	0	0	0	0.11	0.04	1	1	0	600	600	0
11/13/2023 10:52	54505 ENOL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/13/2023 10:53	47401 PENS_T1	3	6	3	0.53	0.45	-0.08	0.95	1.01	0	0	0	0	0	0
11/13/2023 10:55	44601 SALE_T2	0	0	0	0	0	0	0.1	0.02	1	1	0	600	600	0
11/13/2023 10:55	64802 MONE_T2	67	43	-24	0.34	0.3	-0.04	0	0	0	0	0	0	0	0
11/13/2023 10:55	46901 MNTG_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/13/2023 10:55	47401 PENS_T1	3	6	3	0.53	0.45	-0.08	1.9	2.02	0	0	0	0	0	0
11/13/2023 10:56	57403 SPAN_T1	8	0	-8	0.29	0	-0.29	0.1	0.06	0	0	0	0	0	0
11/13/2023 10:57	47403 PENS_T1	2	2	0	1.05	2.5	1.45	0	0	0	0	0	0	0	0
11/13/2023 10:57	25801 SUTR_T2	0	0	0	0	0	0	-0.05	-0.04	0	0	0	0	0	0
11/13/2023 10:57	65902 SAKR_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/13/2023 10:57	57401 SPAN_T1	34	4	-30	0.37	0.43	0.06	0	0	0	0	0	0	0	0
11/13/2023 10:58	14401 SSLA_T1	1	1	0	0.5	0.7	0.2	0	0	0	0	0	0	0	0
11/13/2023 10:58	47403 PENS_T1	2	2	0	1.05	2.5	1.45	0	0	0	0	0	0	0	0
11/13/2023 10:58	55002 NEWP_T1	7	3	-4	0.84	0.87	0.03	-0.24	-0.24	0	0	0	0	0	0
11/13/2023 10:58	44601 SALE_T2	0	0	0	0	0	0	0.02	0.02	1	1	0	600	600	0
11/13/2023 10:59	55101 WERT_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/13/2023 10:59	42701 AUGU_T1	0	1	1	0	0.2	0.2	0	0	2	2	0	1800	1800	0
11/13/2023 11:00	43402 BENT_T1	4	0	-4	0.58	0	-0.58	-1.26	-1.28	2	2	0	1500	1500	0
11/13/2023 11:00	55101 WERT_T1	0	0	0	0	0	0	-0.94	-1.06	2	2	0	1500	1500	0
11/13/2023 11:01	46203 DANV_T2	0	4	4	0	0.25	0.25	0	0	0	0	0	0	0	0
11/13/2023 11:01	49803 UNIV_T1	0	0	0	0	0	0	-0.97	-1.04	0	0	0	0	0	0
11/13/2023 11:01	57403 SPAN_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/13/2023 11:03	42701 AUGU_T1	1	0	-1	0.2	0	-0.2	0	0	2	2	0	1800	1800	0
11/13/2023 11:03	54505 ENOL_T2	1	1	0	0.5	0.8	0.3	0	0	0	0	0	0	0	0
11/13/2023 11:04	21601 EYNO_T1	1	1	0	7.6	0	-7.6	0	0	0	0	0	0	0	0
11/13/2023 11:08	40101 HUNT_T2	270	112	-158	0.91	0.58	-0.33	-1.06	-1.14	0	0	0	0	0	0
11/13/2023 11:08	45702 LIND_T2	1	2	1	0.8	0.95	0.15	-0.32	-0.47	0	0	0	0	0	0
11/13/2023 11:09	58402 MORO_T1	0	1	1	0	0.2	0.2	0	0	0	0	0	0	0	0
11/13/2023 11:09	59302 MCAL_T1	0	1	1	0	0.3	0.3	-0.01	-0.06	1	1	0	600	600	0
11/13/2023 11:09	40101 HUNT_T2	270	112	-158	0.91	0.58	-0.33	-0.53	-0.57	0	0	0	0	0	0
11/13/2023 11:10	46901 MNTG_T2	0	0	0	0	0	0	0.5	0.52	1	1	0	1200	1200	0
11/13/2023 11:12	60502 NMAN_T2	1	0	-1	0.1	0	-0.1	-0.26	-0.14	0	0	0	0	0	0
11/13/2023 11:12	67203 TEHI_T1	0	1	1	0	0	0	2.05	2.12	2	2	0	1200	1200	0
11/13/2023 11:13	66703 STRA_T1	0	3	3	0	0.27	0.27	-0.1	-0.05	0	0	0	0	0	0
11/13/2023 11:13	16301 ALPA_T1	14	55	41	0.23	0.2	-0.03	-0.4	-0.37	0	0	0	0	0	0
11/13/2023 11:13	66504 SMAN_T2	1	0	-1	0.1	0	-0.1	-0.24	-0.25	0	0	0	0	0	0
11/13/2023 11:14	66505 SMAN_T2	0	0	0	0	0	0	0	0	1	1	0	900	900	0
11/13/2023 11:14	66504 SMAN_T2	1	0	-1	0.1	0	-0.1	0	0	0	0	0	0	0	0
11/13/2023 11:14	45303 WBER_T2	2	1	-1	0.4	0.6	0.2	0	0	0	0	0	0	0	0
11/13/2023 11:15	57403 SPAN_T1	0	2	2	0	0.2	0.2	0	0	0	0	0	0	0	0
11/13/2023 11:16	45303 WBER_T2	1	1	0	0.9	0.6	-0.3	0	0	0	0	0	0	0	0
11/13/2023 11:16	29401 BELT_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/13/2023 11:16	16301 ALPA_T1	15	55	40	0.19	0.2	0.01	-0.4	-0.37	0	0	0	0	0	0
11/13/2023 11:18	45303 WBER_T2	1	1	0	0.9	0.6	-0.3	0	0	0	0	0	0	0	0
11/13/2023 11:18	16301 ALPA_T1	15	55	40	0.19	0.2	0.01	-0.4	-0.37	0	0	0	0	0	0
11/13/2023 11:18	43402 BENT_T1	0	0	0	0	0	0	-1.28	-1.3	2	2	0	1500	1500	0
11/13/2023 11:25	16301 ALPA_T1	15	55	40	0.19	0.2	0.01	-0.4	-0.37	0	0	0	0	0	0
11/13/2023 11:26	58402 MORO_T1	0	3	3	0	0.3	0.3	0	0	0	0	0	0	0	0
11/13/2023 11:28	50701 SMEC_T1	0	0	0	0	0	0	-0.86	-0.9	1	1	0	900	900	0
11/13/2023 11:28	20403 ASHF_T2	4	1	-3	0.13	0.2	0.07	0.32	0.14	0	0	0	0	0	0
11/13/2023 11:29	67503 WEWI_T2	0	1	1	0	0.1	0.1	-0.33	-0.26	0	0	0	0	0	0
11/13/2023 11:29	43402 BENT_T1	0	0	0	0	0	0	-1.3	-1.29	2	2	0	1500	1500	0
11/13/2023 11:30	20401 ASHF_T2	0	4	4	0	0.3	0.3	0	0	0	0	0	0	0	0
11/13/2023 11:32	54502 ENOL_T2	0	2	2	0	0.35	0.35	-4.04	-4.04	2	2	0	1200	1200	0
11/13/2023 11:32	54503 ENOL_T2	0	1	1	0	0.3	0.3	-1.06	-1.05	1	1	0	600	600	0
11/13/2023 11:34	21901 HUMB_T1	0	0	0	0	0	0	-2.14	-2.2	0	0	0	0	0	0
11/13/2023 11:36	59301 MCAL_T1	7	12	5	0.73	0.68	-0.05	0	0	0	0	0	0	0	0
11/13/2023 11:36	22901 HARW_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/13/2023 11:37	45802 HEGI_T2	0	0	0	0	0	0	0.62	0.56	1	1	0	900	900	0
11/13/2023 11:37	56501 ROCK_T2	2	8	6	0.1	0.21	0.11	-2.96	-2.86	0	0	0	0	0	0
11/13/2023 11:37	50701 SMEC_T1	0	0	0	0	0	0	-0.86	-0.9	1	1	0	900	900	0
11/13/2023 11:37	47101 MARL_T1	6	6	0	0.43	0	-0.43	-1.83	-1.7	1	1	0	600	600	0
11/13/2023 11:38	45802 HEGI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/13/2023 11:39	56501 ROCK_T2	2	8	6	0.1	0.21	0.11	-1.48	-1.43	0	0	0	0	0	0
11/13/2023 11:40	56501 ROCK_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/13/2023 11:40	13302 ORVI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/13/2023 11:40	64301 LINC_T1	0	0	0	0	0	0	-0.01	0	1	1	0	600	600	0
11/13/2023 11:41	42802 SELI_T1	0	0	0	0	0	0	-2.08	-2.08	1	1	0	900	900	0
11/13/2023 11:41	56501 ROCK_T2	2	8	6	0.1	0.21	0.11	-4.3	-4.6	0	0	0	0	0	0
11/13/2023 11:42	55101 WERT_T1	0	0	0	0	0	0	-1.1	-1.12	2	2	0	1500	1500	0
11/13/2023 11:42	54206 PENN_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/13/2023 11:42	54503 ENOL_T2	0	1	1	0	0.3	0.3	0	0	0	0	0	0	0	0
11/13/2023 11:42	56501 ROCK_T2	2	8	6	0.1	0.21	0.11	-1.43	-1.53	0	0	0	0	0	0
11/13/2023 11:43	42801 SELI_T1	1	1	0	0	0	0	0	0	0	0	0	0	0	0
11/13/2023 11:44	60101 COCA_T1	0	4	4	0	0.23	0.23	0.42	0.43	0	0	0	0	0	0
11/13/2023 11:44	13905 SEID_T1	1	1	0	0.1	0.1	0	0	0	0	0	0	0	0	0
11/13/2023 11:45	45902 AUBU_T1	2	1	-1	0.6	0.9	0.3	-1.24	-1.16	3	3	0	1800	1800	0
11/13/2023 11:46	45901 AUBU_T1	0	0	0	0	0	0	1.27	1.33	0	0	0	0	0	0
11/13/2023 11:46	45902 AUBU_T1	2	1	-1	0.6	0.9	0.3	-0.41	-0.39	1	1	0	600	600	0
11/13/2023 11:46	55101 WERT_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/13/2023 11:47	53601 DALM_T2	1	1	0	0.7	0.9	0.2	-0.25	-0.24	1	1	0	900	900	0
11/13/2023 11:47	45902 AUBU_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/13/2023 11:48	60101 COCA_T1	2	4	2	0.15	0.25	0.1	0.42	0.43	0	0	0	0	0	0
11/13/2023 11:49	45902 AUBU_T1	2	1	-1	0.6	0.9	0.3	0	0	0	0	0	0	0	0
11/13/2023 11:49	52401 GRPA_T2	1	2	1	0.9	0.5	-0.4	-0.56	-0.6	0	0	0	0	0	0
11/13/2023 11:50	21901 HUMB_T1	0	0	0	0	0	0	-2.2	-2.19	0	0	0	0	0	0
11/13/2023 11:51	22901 HARW_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/13/2023 11:52	52402 GRPA_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/13/2023 11:52	56501 ROCK_T2	3	14	11	0.27	0.24	-0.03	-1.43	-1.53	0	0	0	0	0	0
11/13/2023 11:53	52404 GRPA_T2	1	1	0	0.1	0.1	0	0	0	0	0	0	0	0	0
11/13/2023 11:53	13302 ORVI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/13/2023 11:53	56501 ROCK_T2	3	14	11	0.27	0.24	-0.03	-2.86	-3.07	0	0	0	0	0	0
11/13/2023 11:55	56501 ROCK_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/13/2023 11:56	56501 ROCK_T2	3	14	11	0.27	0.24	-0.03	-1.53	-1.56	0	0	0	0	0	0
11/13/2023 11:56	54206 PENN_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/13/2023 11:57	56501 ROCK_T2	3	14	11	0.27	0.24	-0.03	-3.07	-3.11	0	0	0	0	0	0
11/13/2023 11:58	50701 SMEC_T1	0	0	0	0	0	0	-0.85	-0.9	1	1	0	900	900	0
11/13/2023 11:58	55101 WERT_T1	0	0	0	0	0	0	-1.12	-1.14	2	2	0	1500	1500	0
11/13/2023 11:58	52402 GRPA_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/13/2023 11:58	43402 BENT_T1	0	0	0	0	0	0	-1.39	-1.4	2	2	0	1500	1500	0
11/13/2023 12:00	13901 SEID_T1	0	0	0	0	0	0	0.22	0.21	0	0	0	0	0	0
11/13/2023 12:00	50701 SMEC_T1	0	1	1	0	0.3	0.3	-0.85	-0.9	1	1	0	900	900	0
11/13/2023 12:01	28604 BLYT_T2	0	0	0	0	0	0	-1.4	-1.39	0	0	0	0	0	0
11/13/2023 12:01	13302 ORVI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/13/2023 12:02	53601 DALM_T2	1	1	0	0.9	1.2	0.3	-0.24	-0.16	1	1	0	900	900	0
11/13/2023 12:02	55101 WERT_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/13/2023 12:02	26401 INOR_T1	1	5	4	0.2	0.14	-0.06	0	0	0	0	0	0	0	0
11/13/2023 12:03	51604 DUKE_T2	11	17	6	0.4	0.32	-0.08	-1.66	-1.68	1	1	0	900	900	0
11/13/2023 12:04	61103 BERK_T5	0	0	0	0	0	0	-0.16	0.06	0	0	0	0	0	0
11/13/2023 12:06	21901 HUMB_T1	0	0	0	0	0	0	-2.19	-2.23	0	0	0	0	0	0
11/13/2023 12:06	51604 DUKE_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/13/2023 12:07	26401 INOR_T1	1	5	4	0.2	0.14	-0.06	0	0	0	0	0	0	0	0
11/13/2023 12:07	56501 ROCK_T2	8	11	3	0.21	0.34	0.13	-3.07	-3.11	0	0	0	0	0	0
11/13/2023 12:08	56501 ROCK_T2	8	11	3	0.21	0.34	0.13	-3.07	-3.11	0	0	0	0	0	0
11/13/2023 12:08	26401 INOR_T1	1	5	4	0.2	0.14	-0.06	0.26	0.21	0	0	0	0	0	0
11/13/2023 12:08	61103 BERK_T5	0	0	0	0	0	0	-0.16	0.06	0	0	0	0	0	0
11/13/2023 12:09	56501 ROCK_T2	8	11	3	0.21	0.34	0.13	-1.53	-1.56	0	0	0	0	0	0
11/13/2023 12:09	47101 MARL_T1	4	6	2	0.3	0.23	-0.07	-1.73	-1.77	1	1	0	600	600	0
11/13/2023 12:10	13901 SEID_T1	0	0	0	0	0	0	0.22	0.21	0	0	0	0	0	0
11/13/2023 12:10	47101 MARL_T1	4	6	2	0.3	0.23	-0.07	-3.46	-3.55	2	2	0	1200	1200	0
11/13/2023 12:11	47101 MARL_T1	4	6	2	0.3	0.23	-0.07	-1.77	-1.81	1	1	0	600	600	0
11/13/2023 12:11	56501 ROCK_T2	8	11	3	0.21	0.34	0.13	-1.56	-1.49	0	0	0	0	0	0
11/13/2023 12:14	55105 WERT_T1	2	1	-1	0.2	0.4	0.2	0	0	0	0	0	0	0	0
11/13/2023 12:15	50701 SMEC_T1	0	1	1	0	0.3	0.3	-1.8	-1.78	2	2	0	1800	1800	0
11/13/2023 12:15	60101 COCA_T1	2	2	0	0.25	0.2	-0.05	0.41	0.39	0	0	0	0	0	0
11/13/2023 12:16	60101 COCA_T1	2	2	0	0.25	0.2	-0.05	0.41	0.39	0	0	0	0	0	0
11/13/2023 12:17	65001 NEFF_T2	0	0	0	0	0	0	-0.4	-0.52	1	1	0	1200	1200	0
11/13/2023 12:18	54504 ENOL_T2	1	1	0	0.1	0.2	0.1	0	0	0	0	0	0	0	0
11/13/2023 12:18	55101 WERT_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/13/2023 12:19	54504 ENOL_T2	1	1	0	0.1	0.2	0.1	0	0	0	0	0	0	0	0
11/13/2023 12:20	54503 ENOL_T2	1	1	0	0.2	0.3	0.1	-1.04	-1.05	1	1	0	600	600	0
11/13/2023 12:20	54505 ENOL_T2	1	1	0	0.9	1.2	0.3	-3.99	-4.02	3	3	0	1800	1800	0
11/13/2023 12:20	54504 ENOL_T2	1	1	0	0.1	0.2	0.1	0	0	0	0	0	0	0	0
11/13/2023 12:21	54505 ENOL_T2	1	1	0	0.9	1.2	0.3	0	0	0	0	0	0	0	0
11/13/2023 12:21	54501 ENOL_T2	4	4	0	0.23	0.33	0.1	-0.55	-0.57	1	1	0	600	600	0
11/13/2023 12:22	54502 ENOL_T2	1	2	1	0.5	0.5	0	-2.02	-2.03	1	1	0	600	600	0
11/13/2023 12:23	22901 HARW_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/13/2023 12:24	54503 ENOL_T2	1	1	0	0.2	0.3	0.1	0	0	0	0	0	0	0	0
11/13/2023 12:25	54202 PENN_T2	0	0	0	0	0	0	0.58	0.61	0	0	0	0	0	0
11/13/2023 12:26	14802 TREI_T2	0	1	1	0	0.4	0.4	0.28	0.26	0	0	0	0	0	0
11/13/2023 12:27	51604 DUKE_T2	17	16	-1	0.32	0.33	0.01	-1.72	-1.71	1	1	0	900	900	0
11/13/2023 12:27	14801 TREI_T2	1	1	0	0.9	1	0.1	0	0	0	0	0	0	0	0
11/13/2023 12:28	20403 ASHF_T2	4	0	-4	0.35	0	-0.35	0.66	0.83	0	0	0	0	0	0
11/13/2023 12:31	20403 ASHF_T2	0	1	1	0	0.2	0.2	0.66	0.83	0	0	0	0	0	0
11/13/2023 12:34	53601 DALM_T2	1	1	0	1.2	0.3	-0.9	-0.23	-0.11	1	1	0	900	900	0
11/13/2023 12:35	52401 GRPA_T2	0	1	1	0	0.6	0.6	0	0	0	0	0	0	0	0
11/13/2023 12:35	52402 GRPA_T2	9	9	0	1.14	1.04	-0.1	0	0	0	0	0	0	0	0
11/13/2023 12:37	52402 GRPA_T2	9	9	0	1.14	1.04	-0.1	0	0	0	0	0	0	0	0
11/13/2023 12:37	26401 INOR_T1	5	4	-1	0.14	0.15	0.01	0.17	0.2	0	0	0	0	0	0
11/13/2023 12:39	52403 GRPA_T2	6	7	1	0.32	0.42	0.1	-0.01	0	0	0	0	0	0	0
11/13/2023 12:40	52402 GRPA_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/13/2023 12:51	47101 MARL_T1	4	3	-1	0.28	0	-0.28	-1.82	-1.8	1	1	0	600	600	0
11/13/2023 12:52	47101 MARL_T1	4	3	-1	0.28	0	-0.28	-1.82	-1.8	1	1	0	600	600	0
11/13/2023 12:53	47101 MARL_T1	4	3	-1	0.28	0	-0.28	-3.64	-3.6	2	2	0	1200	1200	0
11/13/2023 12:56	47101 MARL_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/13/2023 12:57	47101 MARL_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/13/2023 13:05	39601 LNFD_T1	1	0	-1	0.3	0	-0.3	0	0	0	1	1	0	900	900
11/13/2023 13:05	20401 ASHF_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/13/2023 13:10	20401 ASHF_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/13/2023 13:11	14403 SSLA_T1	0	0	0	0	0	0	0.69	0.71	0	0	0	0	0	0
11/13/2023 13:11	13302 ORVI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/13/2023 13:14	13302 ORVI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/13/2023 13:15	14401 SSLA_T1	1	0	-1	0.1	0	-0.1	0	0	0	0	0	0	0	0

11/13/2023 14:23	52402 GRPA_T2	6	5	-1	0.92	1.02	0.1	0	0	0	0	0	0	0	0
11/13/2023 14:23	42903 MIDD_T2	2	2	0	0.15	1	0.85	0	0	0	0	0	0	0	0
11/13/2023 14:23	12701 MACU_T1	0	0	0	0	0	0	0.09	0.08	0	0	0	0	0	0
11/13/2023 14:24	26401 INOR_T1	0	0	0	0	0	0	0.22	0.31	0	0	0	0	0	0
11/13/2023 14:24	54505 ENOL_T2	1	1	0	1.2	1	-0.2	0	0	0	0	0	0	0	0
11/13/2023 14:25	12701 MACU_T1	0	0	0	0	0	0	0.18	0.16	0	0	0	0	0	0
11/13/2023 14:25	40602 PIGR_T1	1	1	0	0.2	0	-0.2	0	0	0	0	0	0	0	0
11/13/2023 14:25	42903 MIDD_T2	2	2	0	0.15	1	0.85	0	0	0	0	0	0	0	0
11/13/2023 14:25	64101 REFR_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/13/2023 14:25	52004 LING_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/13/2023 14:25	28403 HART_T2	0	0	0	0	0	0	-0.79	-0.82	1	1	0	900	900	0
11/13/2023 14:26	26401 INOR_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/13/2023 14:26	14401 SSLA_T1	0	0	0	0	0	0	-1.21	-1.15	1	1	0	600	600	0
11/13/2023 14:27	43402 BENT_T1	0	0	0	0	0	0	-1.3	-1.31	2	2	0	1500	1500	0
11/13/2023 14:27	14401 SSLA_T1	0	0	0	0	0	0	-1.21	-1.15	1	1	0	600	600	0
11/13/2023 14:28	67502 WEWI_T2	9	14	5	0.27	0.24	-0.03	-0.24	-0.29	0	0	0	0	0	0
11/13/2023 14:28	64101 REFR_T1	0	0	0	0	0	0	-0.28	-0.33	0	0	0	0	0	0
11/13/2023 14:28	14401 SSLA_T1	0	0	0	0	0	0	-1.21	-1.15	1	1	0	600	600	0
11/13/2023 14:29	67502 WEWI_T2	9	14	5	0.27	0.24	-0.03	-0.24	-0.29	0	0	0	0	0	0
11/13/2023 14:29	67502 WEWI_T2	9	14	5	0.27	0.24	-0.03	-0.24	-0.29	0	0	0	0	0	0
11/13/2023 14:29	42201 SHEN_T2	0	0	0	0	0	0	0.09	0.16	1	1	0	600	600	0
11/13/2023 14:30	14403 SSLA_T1	0	0	0	0	0	0	0.73	0.74	0	0	0	0	0	0
11/13/2023 14:30	52402 GRPA_T2	5	5	0	0.88	0.98	0.1	0	0	0	0	0	0	0	0
11/13/2023 14:30	67203 TEHI_T1	0	0	0	0	0	0	1.97	1.78	2	2	0	1200	1200	0
11/13/2023 14:30	46203 DANV_T2	0	0	0	0	0	0	-1.45	-1.43	0	0	0	0	0	0
11/13/2023 14:30	67502 WEWI_T2	13	10	-3	0.25	0.25	0	-0.47	-0.58	0	0	0	0	0	0
11/13/2023 14:30	67502 WEWI_T2	13	10	-3	0.25	0.25	0	-0.47	-0.58	0	0	0	0	0	0
11/13/2023 14:30	13901 SEID_T1	0	0	0	0	0	0	0.18	0.19	0	0	0	0	0	0
11/13/2023 14:31	67503 WEWI_T2	0	0	0	0	0	0	-0.3	-0.28	0	0	0	0	0	0
11/13/2023 14:31	46205 DANV_T2	0	1	1	0	0	0	0	0	0	0	0	0	0	0
11/13/2023 14:32	42902 MIDD_T2	2	2	0	0.45	0.45	0	-0.37	-0.42	1	1	0	600	600	0
11/13/2023 14:32	56802 BENV_T2	38	14	-24	0.16	0.19	0.03	-2.68	-2.68	0	0	0	0	0	0
11/13/2023 14:32	42002 MNVL_T2	1	1	0	6	5.9	-0.1	0	0	0	0	0	0	0	0
11/13/2023 14:32	14401 SSLA_T1	0	0	0	0	0	0	-1.21	-1.15	1	1	0	600	600	0
11/13/2023 14:33	54505 ENOL_T2	1	1	0	1	1	0	0	0	0	0	0	0	0	0
11/13/2023 14:33	60201 ATGL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/13/2023 14:33	45902 AUBU_T1	0	0	0	0	0	0	-1.88	-1.82	3	3	0	1800	1800	0
11/13/2023 14:34	45902 AUBU_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/13/2023 14:34	26401 INOR_T1	0	1	1	0	0	0	0.31	0.46	0	0	0	0	0	0
11/13/2023 14:35	52401 GRPA_T2	1	1	0	0.2	0.2	0	0	0	0	0	0	0	0	0
11/13/2023 14:35	53601 DALM_T2	1	1	0	0.8	1.3	0.5	-0.29	-0.48	1	1	0	900	900	0
11/13/2023 14:35	46203 DANV_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/13/2023 14:35	46802 HEPB_T1	79	56	-23	0.25	0.2	-0.05	0	0	0	0	0	0	0	0
11/13/2023 14:35	12701 MACU_T1	0	0	0	0	0	0	0.08	0.08	0	0	0	0	0	0
11/13/2023 14:35	61801 EELI_T2	3	3	0	0.53	0.57	0.04	-0.32	-0.34	0	0	0	0	0	0
11/13/2023 14:36	45802 HEGI_T2	0	0	0	0	0	0	0.29	0.38	1	1	0	900	900	0
11/13/2023 14:36	54504 ENOL_T2	0	1	1	0	0	0	0	0	0	0	0	0	0	0
11/13/2023 14:36	52402 GRPA_T2	5	5	0	0.88	0.98	0.1	0	0	0	0	0	0	0	0
11/13/2023 14:36	26401 INOR_T1	0	1	1	0	0	0	0	0	0	0	0	0	0	0
11/13/2023 14:37	12701 MACU_T1	0	0	0	0	0	0	0.08	0.08	0	0	0	0	0	0
11/13/2023 14:38	12701 MACU_T1	0	0	0	0	0	0	0.08	0.08	0	0	0	0	0	0
11/13/2023 14:38	42001 MNVL_T2	0	0	0	0	0	0	0.02	0.04	0	0	0	0	0	0
11/13/2023 14:38	45802 HEGI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/13/2023 14:39	59301 MCAL_T1	3	22	19	0.5	0.35	-0.15	0	0	0	0	0	0	0	0
11/13/2023 14:39	46802 HEPB_T1	79	56	-23	0.25	0.2	-0.05	-1.27	-1.25	0	0	0	0	0	0
11/13/2023 14:39	52401 GRPA_T2	1	1	0	0.2	0.2	0	0	0	0	0	0	0	0	0
11/13/2023 14:39	64101 REFR_T1	0	0	0	0	0	0	-0.14	-0.16	0	0	0	0	0	0
11/13/2023 14:39	42903 MIDD_T2	2	2	0	0.7	1	0.3	0	0	0	0	0	0	0	0
11/13/2023 14:40	54504 ENOL_T2	0	1	1	0	0	0	-1.09	-1.06	1	1	0	600	600	0
11/13/2023 14:40	67503 WEWI_T2	0	0	0	0	0	0	-0.9	-0.84	0	0	0	0	0	0
11/13/2023 14:40	67503 WEWI_T2	0	0	0	0	0	0	-0.9	-0.84	0	0	0	0	0	0
11/13/2023 14:40	56802 BENV_T2	38	14	-24	0.16	0.19	0.03	-9.38	-9.38	0	0	0	0	0	0
11/13/2023 14:40	42903 MIDD_T2	2	2	0	0.7	1	0.3	0	0	0	0	0	0	0	0
11/13/2023 14:40	52403 GRPA_T2	1	1	0	1.2	2.1	0.9	0	0	0	0	0	0	0	0
11/13/2023 14:40	52401 GRPA_T2	1	1	0	0.2	0.2	0	-0.63	-0.62	0	0	0	0	0	0
11/13/2023 14:40	45702 LIND_T2	1	2	1	1.9	1.75	-0.15	-0.54	-0.54	0	0	0	0	0	0
11/13/2023 14:40	56501 ROCK_T2	2	2	0	0.25	0.1	-0.15	-1.07	-1.11	0	0	0	0	0	0
11/13/2023 14:40	55101 WERT_T1	0	0	0	0	0	0	-1.03	-1	2	2	0	1500	1500	0
11/13/2023 14:40	54701 NEBL_T1	0	0	0	0	0	0	0	0	1	1	0	600	600	0
11/13/2023 14:40	54501 ENOL_T2	0	2	2	0	0.1	0.1	0	0	0	0	0	0	0	0
11/13/2023 14:40	42801 SELI_T1	1	1	0	0	0	0	0	0	0	0	0	0	0	0
11/13/2023 14:40	50701 SMEC_T1	0	0	0	0	0	0	-1.83	-1.74	2	2	0	1800	1800	0
11/13/2023 14:40	54001 SDLE_T1	4	2	-2	0.38	0.45	0.07	0	0	0	0	0	0	0	0
11/13/2023 14:40	54503 ENOL_T2	0	0	0	0	0	0	-0.42	-0.44	1	1	0	600	600	0
11/13/2023 14:40	40602 PIGR_T1	1	2	1	0.1	0.15	0.05	0	0	0	0	0	0	0	0
11/13/2023 14:40	21901 HUMB_T1	0	0	0	0	0	0	-2.22	-2.22	0	0	0	0	0	0
11/13/2023 14:40	20403 ASHF_T2	0	0	0	0	0	0	1.7	1.71	0	0	0	0	0	0
11/13/2023 14:40	44203 POIN_T2	0	0	0	0	0	0	-1.21	-1.64	4	4	0	4200	4200	0
11/13/2023 14:40	46203 DANV_T2	0	0	0	0	0	0	-2.9	-2.85	0	0	0	0	0	0
11/13/2023 14:40	60101 COCA_T1	0	0	0	0	0	0	0.67	0.77	0	0	0	0	0	0
11/13/2023 14:40	59301 MCAL_T1	3	22	19	0.5	0.35	-0.15	0	0	0	0	0	0	0	0
11/13/2023 14:40	47101 MARL_T1	4	6	2	0.28	0.8	0.52	-1.88	-1.8	1	1	0	600	600	0
11/13/2023 14:40	54206 PENN_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/13/2023 14:40	13901 SEID_T1	0	0	0	0	0	0	0.18	0.19	0	0	0	0	0	0
11/13/2023 14:40	45802 HEGI_T2	0	0	0	0	0	0	0.29	0.38	1	1	0	900	900	0
11/13/2023 14:40	67203 TEHI_T1	0	0	0	0	0	0	1.97	1.78	2	2	0	1200	1200	0
11/13/2023 14:40	43402 BENT_T1	0	0	0	0	0	0	-2.6	-2.62	4	4	0	3000	3000	0
11/13/2023 14:40	53601 DALM_T2	1	1	0	0.8	1.3	0.5	-0.29	-0.48	1	1	0	900	900	0
11/13/2023 14:40	45902 AUBU_T1	0	0	0	0	0	0	-1.88	-1.82	3	3	0	1800	1800	0
11/13/2023 14:40	64101 REFR_T1	0	0	0	0	0	0	-0.14	-0.16	0	0	0	0	0	0
11/13/2023 14:40	61801 EELI_T2	3	3	0	0.53	0.57	0.04	-0.32	-0.34	0	0	0	0	0	0
11/13/2023 14:40	51604 DUKE_T2	30	32	2	0.22	0.2	-0.02	-1.75	-1.76	1	1	0	900	900	0
11/13/2023 14:41	59301 MCAL_T1	3	22	19	0.5	0.35	-0.15	-3.2	-3.22	2	2	0	1200	1200	0
11/13/2023 14:41	64101 REFR_T1	0	0	0	0	0	0	-0.16	-0.12	0	0	0	0	0	0
11/13/2023 14:41	47101 MARL_T1	4	6	2	0.28	0.8	0.52	-1.8	-1.74	1	1	0	600	600	0
11/13/2023 14:41	64801 MONE_T2	16	26	10	0.24	0.2	-0.04	0	0	0	0	0	0	0	0
11/13/2023 14:41	53601 DALM_T2	1	1	0	0.8	1.3	0.5	-0.48	-0.82	1	1	0	900	900	0
11/13/2023 14:41	54503 ENOL_T2	0	0	0	0	0	0	-0.44	-0.41	1	1	0	600	600	0
11/13/2023 14:41	45802 HEGI_T2	0	0	0	0	0	0	0.38	0.28	1	1	0	900	900	0
11/13/2023 14:41	13901 SEID_T1	0	0	0	0	0	0	0.19	0.19	0	0	0	0	0	0
11/13/2023 14:41	45702 LIND_T2	1	2	1	1.9	1.75	-0.15	-0.54	-0.49	0	0	0	0	0	0
11/13/2023 14:41	52401 GRPA_T2	1	1	0	0.2	0.2	0	-0.62	-0.61	0	0	0	0	0	0
11/13/2023 14:41	43402 BENT_T1	0	0	0	0	0	0	-2.62	-2.56	4	4	0	3000	3000	0
11/13/2023 14:41	59302 MCAL_T1	0	0	0	0	0	0	0.19	0.11	1	1	0	600	600	0
11/13/2023 14:41	54501 ENOL_T2	0	2	2	0	0.1	0.1	0	0	0	0	0	0	0	0
11/13/2023 14:41	52403 GRPA_T2	1	1	0	1.2	2.1	0.9	0	0	0	0	0	0	0	0
11/13/2023 14:41	54504 ENOL_T2	0	1	1	0	0	0	-1.06	-1.09	1	1	0	600	600	0
11/13/2023 14:41	51604 DUKE_T2	30	32	2	0.22	0.2	-0.02	-1.76	-1.74	1	1	0	900	900	0
11/13/2023 14:41	60101 COCA_T1	0	0	0	0	0	0	0.77	0.6	0	0	0	0	0	0
11/13/2023 14:41	50701 SMEC_T1	0	0	0	0	0	0	-1.74	-1.82	2	2	0	1800	1800	0
11/13/2023 14:41	56501 ROCK_T2	2	2	0	0.25	0.1	-0.15	-1.11	-1.18	0	0	0	0	0	0
11/13/2023 14:41	56802 BENV_T2	38	14	-24	0.16	0.19	0.03	-10.72	-11.27	0	0	0	0	0	0
11/13/2023 14:41	54206 PENN_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/13/2023 14:41	54701 NEBL_T1	0	0	0	0	0	0	0	0	1	1	0	600	600	0
11/13/2023 14:41	42902 MIDD_T2	2	2	0	0.45	0.45	0	-0.84	-0.64	2	2	0	1200	1200	0
11/13/2023 14:41	67203 TEHI_T1	0	0	0	0	0	0	1.78	1.78	2	2	0	1200	1200	0
11/13/2023 14:41	40603 PIGR_T1	0	0	0	0	0	0	-0.76	-0.77	1	1	0	900	900	0
11/13/2023 14:41	67502 WEWI_T2	13	10	-3	0.25	0.25	0	-1.15	-1.11	0	0	0	0	0	0
11/13/2023 14:41	42802 SELI_T1	0	2	2	0	0	0	-4.26	-4.26	2	2	0	1800	1800	0
11/13/2023 14:41	45902 AUBU_T1	0	0	0	0	0	0	-1.82	-1.76	3	3	0	1800	1800	0
11/13/2023 14:41	61801 EELI_T2	3	3	0	0.53	0.57	0.04	-0.34	-0.38	0	0	0	0	0	0
11/13/2023 14:41	54001 SDLE_T1	4	2	-2	0.38	0.45	0.07	0	0	0	0	0	0	0	0
11/13/2023 14:41	67502 WEWI_T2	13	10	-3	0.25	0.25	0	-1.15	-1.11	0	0	0	0	0	0
11/13/2023 14:41	46203 DANV_T2	0	0	0	0	0	0	-2.85	-2.96	0	0	0	0	0	0
11/13/2023 14:41	65701 RVIL_T1	0	0	0	0	0	0	-7.92	-7.83	0	0	0	0	0	0
11/13/2023 14:41	44203 POIN_T2	0	0	0	0	0	0	-1.64	-1.53	4	4	0	4200	4200	0
11/13/2023 14:41	20403 ASHF_T2	0	0	0	0	0	0	1.71	1.74	0	0	0	0	0	0
11/13/2023 14:41	21901 HUMB_T1	0	0	0	0	0	0	-2.22	-2.2	0	0	0	0	0	0
11/13/2023 14:42	52501 PROG_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/13/2023 14:42	43301 WATS_T2	1	1	0	0.9	0.9	0	0	0	0	0	0	0	0	0
11/13/2023 14:42	55002 NEWP_T1	3	4	1	1.07	0.48	-0.59	-0.26	-0.25	0	0	0	0	0	0
11/13/2023 14:42	14401 SSLA_T1	0	0	0	0	0	0	-1.15	-1.22	1	1	0	600	600	0
11/13/2023 14:43	60201 ATGL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/13/2023 14:43	43301 WATS_T2	1	1	0	0.9	0.9	0	-0.64	-0.64	1	1	0	900	900	0
11/13/2023 14:43	65701 RVIL_T1	0	0	0	0	0	0	-3.96	-3.92	0	0	0	0	0	0
11/13/2023 14:43	43304 WATS_T2	0	0	0	0	0	0	-0.17	-0.19	0	0	0	0	0	0
11/13/2023 14:43	14401 SSLA_T1	0	0	0	0	0	0	-2.3	-2.44	2	2	0	1200	1200	0
11/13/2023 14:44	43301 WATS_T2	1	1	0	0.9	0.9	0	0	0	0	0	0	0	0	0
11/13/2023 14:44	64101 REFR_T1	0	0	0	0	0	0	-0.16	-0.12	0	0	0	0	0	0
11/13/2023 14:44	67503 WEWI_T2	0	0	0	0	0	0	-0.28	-0.3	0	0	0	0	0	0
11/13/2023 14:44	67503 WEWI_T2	0	0	0	0	0	0	-0.28	-0.3	0	0	0	0	0	0
11/13/2023 14:44	65701 RVIL_T1	0	0	0	0	0	0	-3.96	-3.92	0	0	0	0	0	0
11/13/2023 14:44	42201 SHEN_T2	0	0	0	0	0	0	0.16	0.12	1	1	0	600	600	0
11/13/2023 14:45	67502 WEWI_T2	9	8	-1	0.27	0.23	-0.04	-0.58	-0.56	0	0	0	0	0	0
11/13/2023 14:45	14403 SSLA_T1	0	0	0	0	0	0	0.74	0.73	0	0	0	0	0	0
11/13/2023 14:45	20403 ASHF_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/13/2023 14:45	43301 WATS_T2	1	1	0	0.9	0.7	-0.2	-0.64	-0.64	1	1	0	900	900	0
11/13/2023 14:45	56504 ROCK_T2	1	0	-1	0.2	0	-0.2	0	0	0	0	0	0	0	0
11/13/2023 14:46	46205 DANV_T2	0	1	1	0	0	0	0	0	0	0	0	0	0	0
11/13/2023 14:46	13901 SEID_T1	0	0	0	0	0	0	0.19	0.19	0	0	0	0	0	0
11/13/2023 14:46	67502 WEWI_T2	9	8	-1	0.27	0.23	-0.04	-0.29	-0.28	0	0	0	0	0	0
11/13/2023 14:46	29402 BELT_T1	2	2	0	4.65	8.2	3.55	0	0	0	0	0	0	0	0
11/13/2023 14:46	43301 WATS_T2	1	1	0	0.9	0.7	-0.2	0	0	0	0	0	0	0	0
11/13/2023 14:47	43301 WATS_T2	1	1	0	0.9	0.7	-0.2	-0.64	-0.64	1	1	0	900	900	0
11/13/2023 14:47	14401 SSLA_T1	0	0	0	0	0	0	-1.15	-1.22	1	1	0	600	600	0
11/13/2023 14:47	46001 BERW_T1	0	0	0	0	0	0	2.05	2.08	0	0	0	0	0	0
11/13/2023 14:47	46203 DANV_T2	0	0	0	0	0	0	-1.43	-1.48	0	0	0	0	0	0
11/13/2023 14:47	67503 WEWI_T2	0	0	0	0	0	0	-0.56	-0.6	0	0	0	0	0	0
11/13/2023 14:47	56802 BENV_T2	13	9	-4	0.18	0.21	0.03	-2.68	-2.82	0	0	0	0	0	0
11/13/2023 14:48	29402 BELT_T1	2	2	0	4.65	8.2	3.55	0	0	0	0	0	0	0	0
11/13/2023 14:48	45902 AUBU_T1	0	0	0	0	0	0	-0.61	-0.59	1	1	0	600	600	0
11/13/2023 14:49	46206 DANV_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/13/2023 14:49	45902 AUBU_T1	0	0	0	0	0	0	-1.21	-1.17	2	2	0	1200	1200	0
11/13/2023 14:50	53601 DALM_T2	1	1	0	1.3	1.2	-0.1	-0.48	-0.82	1	1	0	900	900	0
11/13/2023 14:50	61801 EELI_T2	3	2	-1	0.57	0.55	-0.02	-0.34	-0.38	0	0	0	0	0	0
11/13/2023 14:50	45903 AUBU_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/13/2023 14:51	67503 WEWI_T2	0	0	0	0	0	0	-0.28	-0.3	0	0	0	0	0	0
11/13/2023 14:51	46203 DANV_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/13/2023 15:44	55101 WERT_T1	0	0	0	0	0	0	-1.08	-1	2	2	0	1500	1500	0
11/13/2023 16:34	54502 ENOL_T2	0	0	0	0	0	0	-2.02	-1.95	1	1	0	600	600	0
11/13/2023 17:22	65003 NEFF_T2	1	6	5	0.1	0.25	0.15	0	0	0	0	0	0	0	0
11/13/2023 17:42	43304 WATS_T2	3	3	0	1.1	0.1	-1	-0.06	-0.07	0	0	0	0	0	0
11/13/2023 18:36	26401 INOR_T1	0	0	0	0	0	0	0.43	0.43	0	0	0	0	0	0
11/13/2023 18:45	13901 SEID_T1	0	0	0	0	0	0	0.2	0.21	0	0	0	0	0	0
11/13/2023 18:46	25801 SUTR_T2	2	4	2	0.25	0	-0.25	0	0	0	0	0	0	0	0
11/13/2023 18:47	27502 WEIS_T2	0	0	0	0	0	0	-0.49	-0.51	0	0	0	0	0	0
11/13/2023 18:49	42601 TUSC_T1	3	3	0	0.33	0.1	-0.23	-0.32	-0.27	2	2	0	1800	1800	0
11/13/2023 18:49	44901 SCOT_T2	0	0	0	0	0	0	-1.46	-1.4	0	0	0	0	0	0
11/13/2023 18:49	13302 ORVI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/13/2023 18:

11/13/2023 18:56	47101 MARL_T1	17	28	11	0.24	0.28	0.04	-1.6	-1.56	1	1	0	600	600	0
11/13/2023 18:56	16302 ALPA_T2	0	1	1	0	0	0	-2.12	-2.12	0	0	0	0	0	0
11/13/2023 18:56	67204 TEHI_T2	0	0	0	0	0	0	-0.21	-0.2	0	0	0	0	0	0
11/13/2023 18:56	54001 SDLE_T1	2	2	0	0.8	0.8	0	0	0	0	0	0	0	0	0
11/13/2023 18:56	56802 BENV_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/13/2023 18:56	40602 PIGR_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/13/2023 18:56	60502 NMAN_T2	0	0	0	0	0	0	-0.47	-0.51	0	0	0	0	0	0
11/13/2023 18:56	44203 POIN_T2	0	1	1	0	0	0	-1.06	-1.15	2	2	0	2100	2100	0
11/13/2023 18:56	54505 ENOL_T2	1	1	0	0.2	0.3	0.1	-1.28	-1.28	1	1	0	600	600	0
11/13/2023 18:56	41801 GOCI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/13/2023 18:57	42802 SELI_T1	0	0	0	0	0	0	-2.1	-2.14	1	1	0	900	900	0
11/13/2023 18:57	54505 ENOL_T2	1	1	0	0.2	0.3	0.1	0	0	0	0	0	0	0	0
11/13/2023 18:57	43402 BENT_T1	1	0	-1	0.4	0	-0.4	-1.5	-1.5	2	2	0	1500	1500	0
11/13/2023 18:57	40602 PIGR_T1	1	0	-1	5.3	0	-5.3	0	0	0	0	0	0	0	0
11/13/2023 18:57	59301 MCAL_T1	2	2	0	0.5	1	0.5	0	0	0	0	0	0	0	0
11/13/2023 18:57	66503 SMAN_T2	6	134	128	0.2	0.16	-0.04	0	0	0	0	0	0	0	0
11/13/2023 18:57	46901 MNTG_T2	0	0	0	0	0	0	0.03	-0.05	1	1	0	1200	1200	0
11/13/2023 18:57	44301 BEAV_T2	0	1	1	0	0	0	-0.16	-0.14	1	1	0	600	600	0
11/13/2023 18:57	43304 WATS_T2	2	1	-1	0.6	0	-0.6	0	0	0	0	0	0	0	0
11/13/2023 18:57	14401 SSLA_T1	0	0	0	0	0	0	-1.15	-1.13	1	1	0	600	600	0
11/13/2023 18:57	12701 MACU_T1	0	0	0	0	0	0	0.12	0.12	0	0	0	0	0	0
11/13/2023 18:57	45501 DERR_T2	5	8	3	0.76	1.17	0.41	0.79	0.79	2	2	0	1800	1800	0
11/13/2023 18:57	55002 NEWP_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/13/2023 18:58	46003 BERW_T2	1	1	0	2.4	2.4	0	0	0	0	0	0	0	0	0
11/13/2023 18:58	47401 PENS_T1	0	0	0	0	0	0	0.96	0.88	0	0	0	0	0	0
11/13/2023 18:58	59302 MCAL_T1	0	2	2	0	0.2	0.2	0	0	0	0	0	0	0	0
11/13/2023 18:58	53501 EVIL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/13/2023 18:58	45502 DERR_T2	0	1	1	0	0	0	0	0	0	0	0	0	0	0
11/13/2023 18:58	29402 BELT_T1	1	7	6.6	6.9	0.3	0	0	0	0	0	0	0	0	0
11/13/2023 18:59	43304 WATS_T2	2	1	-1	0.6	0	-0.6	0	0	0	0	0	0	0	0
11/13/2023 18:59	52502 PROG_T2	0	0	0	0	0	0	-0.67	-0.67	1	1	0	900	900	0
11/13/2023 18:59	22901 HARW_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/13/2023 18:59	56802 BENV_T2	2	68	66	0.25	0.19	-0.06	-1.33	-1.33	0	0	0	0	0	0
11/13/2023 19:00	66505 SMAN_T2	0	1	1	0	0.1	0.1	0	0	0	0	0	0	0	0
11/13/2023 19:00	52402 GRPA_T2	5	5	0	1.26	1.6	0.34	0	0	0	0	0	0	0	0
11/13/2023 19:00	54505 ENOL_T2	1	1	0	0.3	0.4	0.1	0	0	0	0	0	0	0	0
11/13/2023 19:00	43201 MVIL_T2	0	0	0	0	0	0	-1.31	-1.31	0	0	0	0	0	0
11/13/2023 19:00	65701 RVIL_T1	0	1	1	0	0	0	-1.88	-1.86	0	0	0	0	0	0
11/13/2023 19:00	43304 WATS_T2	1	0	-1	0.1	0	-0.1	-0.1	-0.14	0	0	0	0	0	0
11/13/2023 19:00	67502 WEWI_T2	0	0	0	0	0	0	-0.4	-1.36	0	1	1	0	900	900
11/13/2023 19:00	47401 PENS_T1	0	0	0	0	0	0	0.96	0.88	0	0	0	0	0	0
11/13/2023 19:00	56501 ROCK_T2	1	2	1	0.8	0	-0.8	-0.13	-0.13	0	0	0	0	0	0
11/13/2023 19:00	64101 REFR_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/13/2023 19:00	66901 SHIL_T2	0	2	2	0	0.1	0.1	-1.65	-1.68	1	1	0	1200	1200	0
11/13/2023 19:01	45802 HEGI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/13/2023 19:01	47401 PENS_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/13/2023 19:01	43304 WATS_T2	1	0	-1	0.1	0	-0.1	-0.05	-0.07	0	0	0	0	0	0
11/13/2023 19:01	59101 WALK_T2	1	1	0	0	0	0	1.09	0.99	1	1	0	450	450	0
11/13/2023 19:01	56802 BENV_T2	60	67	7	0.17	0.19	0.02	-1.33	-1.33	0	0	0	0	0	0
11/13/2023 19:01	47101 MARL_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/13/2023 19:01	62604 ENGL_T1	0	0	0	0	0	0	-0.5	-0.53	1	1	0	600	600	0
11/13/2023 19:01	66503 SMAN_T2	11	162	151	0.15	0.19	0.04	0	0	0	0	0	0	0	0
11/13/2023 19:01	46203 DANV_T2	0	0	0	0	0	0	-1.3	-1.29	0	0	0	0	0	0
11/13/2023 19:01	54505 ENOL_T2	1	1	0	0.3	0.4	0.1	-1.28	-1.28	1	1	0	600	600	0
11/13/2023 19:01	53501 EVIL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/13/2023 19:01	57401 SPAN_T1	0	0	0	0	0	0	-0.85	-0.77	1	1	0	600	600	0
11/13/2023 19:02	46901 MNTG_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/13/2023 19:02	64801 MONE_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/13/2023 19:02	66502 SMAN_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/13/2023 19:02	44302 BEAV_T2	1	24	23	0.1	0.17	0.07	0	0	0	0	0	0	0	0
11/13/2023 19:02	55001 NEWP_T1	1	1	0	0.5	0	-0.5	0	0	0	0	0	0	0	0
11/13/2023 19:02	54505 ENOL_T2	1	1	0	0.3	0.4	0.1	0	0	0	0	0	0	0	0
11/13/2023 19:02	41801 GOCI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/13/2023 19:02	54505 ENOL_T2	1	1	0	0.3	0.4	0.1	0	0	0	0	0	0	0	0
11/13/2023 19:02	56501 ROCK_T2	1	2	1	0.8	0	-0.8	-0.13	-0.13	0	0	0	0	0	0
11/13/2023 19:02	45902 AUBU_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/13/2023 19:02	59101 WALK_T2	1	1	0	0	0	0	1.09	0.99	1	1	0	450	450	0
11/13/2023 19:02	40101 HUNT_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/13/2023 19:02	20401 ASHF_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/13/2023 19:02	56802 BENV_T2	60	67	7	0.17	0.19	0.02	-1.33	-1.33	0	0	0	0	0	0
11/13/2023 19:02	43301 WATS_T2	0	0	0	0	0	0	-0.6	-0.58	1	1	0	900	900	0
11/13/2023 19:02	53501 EVIL_T2	3	1	-2	0.23	0.1	-0.13	-0.84	-0.83	1	1	0	600	600	0
11/13/2023 19:03	43304 WATS_T2	1	0	-1	0.1	0	-0.1	0	0	0	0	0	0	0	0
11/13/2023 19:03	41901 REED_T1	9	10	1	0.48	0.58	0.1	-1.35	-1.37	1	1	0	900	900	0
11/13/2023 19:03	59302 MCAL_T1	1	1	0	0.2	0.7	0.5	0	0	0	0	0	0	0	0
11/13/2023 19:03	46801 HEPB_T2	0	0	0	0	0	0	0.62	0.62	0	0	0	0	0	0
11/13/2023 19:03	46203 DANV_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/13/2023 19:03	54503 ENOL_T2	0	0	0	0	0	0	-0.39	-0.4	1	1	0	600	600	0
11/13/2023 19:03	52402 GRPA_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/13/2023 19:03	57403 SPAN_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/13/2023 19:03	52501 PROG_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/13/2023 19:03	67203 TEHI_T1	0	0	0	0	0	0	1.83	1.81	2	2	0	1500	1500	0
11/13/2023 19:03	61801 EELI_T2	2	4	2	0.85	0.65	-0.2	-0.96	-0.97	1	1	0	600	600	0
11/13/2023 19:03	54701 NEBL_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/13/2023 19:05	41901 REED_T1	9	10	1	0.48	0.58	0.1	0	0	0	0	0	0	0	0
11/13/2023 19:05	52403 GRPA_T2	12	11	-1	0.15	0.2	0.05	-0.05	-0.03	0	0	0	0	0	0
11/13/2023 19:05	40602 PIGR_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/13/2023 19:05	57401 SPAN_T1	0	0	0	0	0	0	-0.85	-0.77	1	1	0	600	600	0
11/13/2023 19:05	65902 SAKR_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/13/2023 19:06	59302 MCAL_T1	1	1	0	0.2	0.7	0.5	0	0	0	0	0	0	0	0
11/13/2023 19:06	65701 RVIL_T1	0	1	1	0	0	0	-1.88	-1.86	0	0	0	0	0	0
11/13/2023 19:06	40101 HUNT_T2	32	31	-1	0.59	0.55	-0.04	-0.63	-0.61	0	0	0	0	0	0
11/13/2023 19:06	54505 ENOL_T2	1	1	0	0.3	0.4	0.1	-1.28	-1.28	1	1	0	600	600	0
11/13/2023 19:06	64101 REFR_T1	0	0	0	0	0	0	-0.08	-0.07	0	0	0	0	0	0
11/13/2023 19:06	56802 BENV_T2	60	67	7	0.17	0.19	0.02	-1.33	-1.33	0	0	0	0	0	0
11/13/2023 19:06	53903 HAU_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/13/2023 19:07	65701 RVIL_T1	0	1	1	0	0	0	-1.88	-1.86	0	0	0	0	0	0
11/13/2023 19:07	45501 DERR_T2	8	3	-5	1.03	1.13	0.1	0.79	0.79	2	2	0	1800	1800	0
11/13/2023 19:07	58401 MORO_T1	0	0	0	0	0	0	-0.99	-1	1	1	0	600	600	0
11/13/2023 19:08	59101 WALK_T2	1	1	0	0	0	0	1.09	0.99	1	1	0	450	450	0
11/13/2023 19:08	64101 REFR_T1	0	0	0	0	0	0	-0.08	-0.07	0	0	0	0	0	0
11/13/2023 19:08	45402 WBLO_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/13/2023 19:11	54503 ENOL_T2	0	0	0	0	0	0	-0.4	-0.38	1	1	0	600	600	0
11/13/2023 19:12	12701 MACU_T1	0	0	0	0	0	0	0.12	0.12	0	0	0	0	0	0
11/13/2023 19:19	11804 FRAN_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/13/2023 19:19	53903 HAU_T2	0	2	2	0	0.25	0.25	-0.2	-0.23	0	0	0	0	0	0
11/13/2023 19:27	43402 BENT_T1	0	0	0	0	0	0	-1.5	-1.52	2	2	0	1500	1500	0
11/13/2023 19:29	43402 BENT_T1	0	0	0	0	0	0	-1.5	-1.52	2	2	0	1500	1500	0
11/13/2023 19:29	56504 ROCK_T2	0	0	0	0	0	0	-0.47	-0.28	0	0	0	0	0	0
11/13/2023 19:54	57403 SPAN_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/13/2023 19:58	51604 DUKE_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/13/2023 20:01	62604 ENGL_T1	0	0	0	0	0	0	-0.54	-0.55	1	1	0	600	600	0
11/13/2023 20:07	54505 ENOL_T2	1	1	0	0.5	0.5	0	-1.26	-1.24	1	1	0	600	600	0
11/13/2023 20:27	43402 BENT_T1	0	0	0	0	0	0	-1.5	-1.51	2	2	0	1500	1500	0
11/13/2023 20:29	43402 BENT_T1	0	0	0	0	0	0	-1.5	-1.51	2	2	0	1500	1500	0
11/13/2023 21:08	42201 SHEN_T2	0	0	0	0	0	0	0.12	0.08	1	1	0	600	600	0
11/13/2023 21:27	43402 BENT_T1	0	0	0	0	0	0	-1.46	-1.51	2	2	0	1500	1500	0
11/13/2023 21:29	43402 BENT_T1	0	0	0	0	0	0	-1.46	-1.51	2	2	0	1500	1500	0
11/13/2023 22:25	65001 NEFF_T2	0	0	0	0	0	0	-0.99	-1.09	1	1	0	1200	1200	0
11/13/2023 22:27	43402 BENT_T1	0	0	0	0	0	0	-0.91	-1.52	1	2	1	900	1500	600
11/13/2023 22:55	65001 NEFF_T2	0	0	0	0	0	0	-1.02	-1.04	1	1	0	1200	1200	0
11/14/2023 0:28	54503 ENOL_T2	0	0	0	0	0	0	-1.11	-1.11	1	1	0	600	600	0
11/14/2023 0:28	66505 SMAN_T2	3	0	-3	0.53	0	-0.53	0	0	1	1	0	900	900	0
11/14/2023 0:28	67502 WEWI_T2	0	0	0	0	0	0	-6.16	-6.04	4	4	0	3600	3600	0
11/14/2023 0:28	57403 SPAN_T1	0	0	0	0	0	0	0.12	0.05	0	0	0	0	0	0
11/14/2023 0:28	54504 ENOL_T2	0	0	0	0	0	0	-1.12	-1.12	1	1	0	600	600	0
11/14/2023 0:28	43304 WATS_T2	0	0	0	0	0	0	-1.44	-1.72	0	0	0	0	0	0
11/14/2023 0:28	56501 ROCK_T2	0	1	1	0	0	0	0	0	0	0	0	0	0	0
11/14/2023 0:28	28604 BLYT_T2	0	0	0	0	0	0	-1.4	-1.41	0	0	0	0	0	0
11/14/2023 0:28	54501 ENOL_T2	0	0	0	0	0	0	-0.57	-0.56	1	1	0	600	600	0
11/14/2023 0:28	64303 LINC_T1	0	0	0	0	0	0	-0.26	-0.25	0	0	0	0	0	0
11/14/2023 0:28	67605 WARW_T1	4	7	3	0.23	0.24	0.01	-1.22	-1.19	0	0	0	0	0	0
11/14/2023 0:28	29402 BELT_T1	1	7	6.6	7	0.4	0	0	0	0	0	0	0	0	0
11/14/2023 0:28	66504 SMAN_T2	0	1	1	0	0.5	0.5	-1.06	-1.05	0	0	0	0	0	0
11/14/2023 0:28	42801 SELI_T1	1	1	0	0	0	0	0	0	0	0	0	0	0	0
11/14/2023 0:28	28403 HART_T2	0	0	0	0	0	0	-0.71	-0.81	1	1	0	900	900	0
11/14/2023 0:28	43304 WATS_T2	0	0	0	0	0	0	-1.44	-1.72	0	0	0	0	0	0
11/14/2023 0:28	56802 BENV_T2	0	1	1	0	0.1	0.1	-2.84	-2.92	0	0	0	0	0	0
11/14/2023 0:28	47101 MARL_T1	0	0	0	0	0	0	-1.81	-1.85	1	1	0	600	600	0
11/14/2023 0:28	49804 UNIV_T1	0	3	3	0	0.13	0.13	0	0	0	0	0	0	0	0
11/14/2023 0:28	40902 JESH_T1	0	0	0	0	0	0	-0.85	-0.79	0	0	0	0	0	0
11/14/2023 0:28	45302 WBER_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/14/2023 0:28	45802 HEGI_T2	0	0	0	0	0	0	0.8	0.53	0	0	0	0	0	0
11/14/2023 0:28	42901 MIDD_T2	73	51	-22	0.21	0.17	-0.04	0	0	0	0	0	0	0	0
11/14/2023 0:28	65001 NEFF_T2	0	0	0	0	0	0	-1.29	-1.28	1	1	0	1200	1200	0
11/14/2023 0:28	44601 SALE_T2	0	0	0	0	0	0	-0.12	-0.18	0	0	0	0	0	0
11/14/2023 0:28	40101 HUNT_T2	0	0	0	0	0	0	-2.24	-2.24	0	0	0	0	0	0
11/14/2023 0:28	44301 BEAV_T2	2	2	0	0.4	0.2	-0.2	-0.08	-0.11	1	1	0	600	600	0
11/14/2023 0:28	10805 CHHI_T2	1	1	0	7.9	7.6	-0.3	-1.23	-1.23	1	1	0	600	600	0
11/14/2023 0:28	14401 SSLA_T1	0	0	0	0	0	0	-1.22	-1.24	1	1	0	600	600	0
11/14/2023 0:28	59101 WALK_T2	1	1	0	0	0	0	2.4	2.03	0	0	0	0	0	0
11/14/2023 0:28	58401 MORO_T1	0	0	0	0	0	0	-2.38	-2.32	2	2	0	1200	1200	0
11/14/2023 0:28	54504 ENOL_T2	0	0	0	0	0	0	-1.12	-1.12	1	1	0	600	600	0
11/14/2023 0:28	16301 ALPA_T1	1	1	0	0.2	0.3	0.1	-1.88	-1.92	0	0	0	0	0	0
11/14/2023 0:28	57401 SPAN_T1	0	0	0	0	0	0	-1.96	-2.02	2	2	0	1200	1200	0
11/14/2023 0:28	43202 MVIL_T2	0	0	0	0	0	0	-1.32	-1.36	0	0	0	0	0	0
11/14/2023 0:28	46203 DANV_T2	0	0	0	0	0	0	-1.38	-1.4	0	0	0	0	0	0
11/14/2023 0:28	46802 HEPB_T1	0	0	0	0	0	0	-0.27	-0.35	0	0	0	0	0	0
11/14/2023 0:28	47403 PENS_T1	0	1	1	0	2.7	2.7	0	0	0	0	0	0	0	0
11/14/2023 0:28	67502 WEWI_T2	0	0	0	0	0	0	-6.16	-6.04	4	4	0	3600	3600	0
11/14/2023 0:28	44901 SCOT_T2	0	0	0	0	0	0	-2.7	-2.69	0	0	0	0	0	0
11/14/2023 0:28	53601 DALM_T2	1	1	0	1	0.9	-0.1	0.14	0.09	0	0	0	0	0	0
11/14/2023 0:28	54001 SDLE_T1	1	1	0	0.2	0.2	0	0	0	0	0	0	0	0	0
11/14/2023 0:28	52401 GRPA_T2	1	1	0	0.2	0.2	0	0	0	0	0	0	0	0	0
11/14/2023 0:28	14403 SSLA_T1	0	0	0	0	0	0	1.1	1.1	0	0	0	0	0	0
11/14/2023 0:28	42301 SHEN_T2	0	0	0	0	0	0	-0.02	0.01	1	1	0	600	600	0
11/14/2023 0:28	53501 EVIL_T2	1	1	0	0.1	0.6	0.5	-0.96	-1.04	0	0	0	0	0	0
11/14/2023 0:28	44905 SCOT_T1	1	1	0	0.6	0.6	0	0	0	0	0	0	0	0	0
11/14/2023 0:28	16302 ALPA_T2	0	0	0	0	0	0	0.63	0.62	0	0	0	0	0	0
11/14/2023 0:28	55002 NEWP_T1	6	6	0	0.5	0.42	-0.08	-0.28	-0.29	0	0	0	0	0	0
11/14/2023 0:28	42002 MNVL_T2	1	1	0	8.3	7.8	-0.5	0	0	0	0	0	0	0	0
11/14/2023 0:28	64801 MONE_T2	0	0	0	0	0	0	0.23	0.22	0	0	0	0	0	0
11/14/2023 0:28	65701 RVIL_T1	0	0	0	0	0	0	-2.04	-2.04	0	0	0	0	0	0
11/14/2023 0:28	45302 WBER_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/14/2023 0:28	67204 TEHI_T2	0	0	0	0	0	0	-0.22	-0.19	0	0	0	0	0	0
11/14/2023 0:28	42701 AUGU_T1	0	0	0	0	0	0	0	0	2	2	0	1200	1200	0
11/14/2023 0:28	52502 PROG_T2	0	0	0	0	0	0	-0.68	-0.67	1	1	0	900	900	0
11/14/2023 0:28	64801 MONE_T2	0	0	0	0	0	0	0.23	0.22	0	0	0	0	0	0
11/14/2023 0:28	67002 STHI_T2	0	0	0	0	0	0	1.35	1.35	0	0	0	0	0	0
11/14/2023 0:28	45902 AUBU_T1	0	0	0	0	0	0	-0.66	-0.69	1	1	0	600	600	0
11/14/2023 0:28	58402 MORO_T1	0

11/14/2023 9:00	64801 MONE_T2	0	8	8	0	0.11	0.11	0	0	0	0	0	0	0	0
11/14/2023 9:00	51604 DUKE_T2	0	1	1	0	0	0	-0.65	-0.63	0	0	0	0	0	0
11/14/2023 9:00	56504 ROCK_T2	0	0	0	0	0	0	-0.85	-0.9	0	0	0	0	0	0
11/14/2023 9:00	43402 BENT_T1	0	0	0	0	0	0	-1.41	-1.34	2	2	0	1500	1500	0
11/14/2023 9:00	53903 HALI_T2	2	2	0	0.8	0.5	-0.3	-0.3	-0.2	0	0	0	0	0	0
11/14/2023 9:00	46206 DANV_T2	1	0	-1	0.1	0	-0.1	0	0	0	0	0	0	0	0
11/14/2023 9:00	13901 SEID_T1	0	0	0	0	0	0	0.22	0.19	0	0	0	0	0	0
11/14/2023 9:00	52503 PROG_T2	0	0	0	0	0	0	-0.73	-0.74	1	1	0	900	900	0
11/14/2023 9:01	59302 MCAL_T1	2	0	-2	0.4	0	-0.4	0	0	0	0	0	0	0	0
11/14/2023 9:01	46206 DANV_T2	1	0	-1	0.1	0	-0.1	0	0	0	0	0	0	0	0
11/14/2023 9:06	43304 WATS_T2	0	0	0	0	0	0	-0.45	-0.43	0	0	0	0	0	0
11/14/2023 9:06	43301 WATS_T2	1	1	0	0.1	0.2	0.1	0	0	0	0	0	0	0	0
11/14/2023 9:06	67904 WNHO_T1	0	0	0	0	0	0	-2.11	-2.08	2	2	0	2100	2100	0
11/14/2023 9:07	67001 STHI_T2	4	266	262	0.15	0.12	-0.03	0	0	0	0	0	0	0	0
11/14/2023 9:08	43402 BENT_T1	0	0	0	0	0	0	-1.41	-1.34	2	2	0	1500	1500	0
11/14/2023 9:08	52402 GRPA_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/14/2023 9:08	53601 DALM_T2	1	1	0	1.2	1.3	0.1	-0.46	-0.5	1	1	0	900	900	0
11/14/2023 9:08	67002 STHI_T2	3	29	26	0.13	0.21	0.08	1.22	1.24	0	0	0	0	0	0
11/14/2023 9:08	45502 DERR_T2	0	1	1	0	0.5	0.5	0	0	0	0	0	0	0	0
11/14/2023 9:08	59102 WALK_T2	5	2	-3	0.32	0.1	-0.22	0	0	0	0	0	0	0	0
11/14/2023 9:08	46206 DANV_T2	1	0	-1	0.1	0	-0.1	0	0	0	0	0	0	0	0
11/14/2023 9:10	67502 WEWI_T2	1	1	0	0.6	0.7	0.1	-0.22	-0.15	0	0	0	0	0	0
11/14/2023 9:11	10805 CHHI_T2	7	10	3	2.11	1.45	-0.66	0	-0.56	1	1	0	600	600	0
11/14/2023 9:11	46206 DANV_T2	1	0	-1	0.1	0	-0.1	0	0	0	0	0	0	0	0
11/14/2023 9:11	45502 DERR_T2	0	1	1	0	0.5	0.5	0	0	0	0	0	0	0	0
11/14/2023 9:11	43402 BENT_T1	0	0	0	0	0	0	-1.34	-1.27	2	2	0	1500	1500	0
11/14/2023 9:12	54502 ENOL_T2	1	1	0	0.3	0.5	0.2	-2.01	-1.97	1	1	0	600	600	0
11/14/2023 9:13	54505 ENOL_T2	1	1	0	0.5	0.7	0.2	0	0	0	0	0	0	0	0
11/14/2023 9:16	58401 MORO_T1	0	2	2	0	0.3	0.3	0	0	0	0	0	0	0	0
11/14/2023 9:17	58402 MORO_T1	0	0	0	0	0	0	-1.03	-1.07	2	2	0	1500	1500	0
11/14/2023 9:24	49803 UNIV_T1	0	0	0	0	0	0	-1.14	-1.18	0	0	0	0	0	0
11/14/2023 9:24	45501 DERR_T2	4	5	1	0.45	0.25	-0.2	0	0	0	0	0	0	0	0
11/14/2023 9:24	43001 ALWD_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/14/2023 9:25	45501 DERR_T2	4	5	1	0.45	0.25	-0.2	0.89	1	2	2	0	1800	1800	0
11/14/2023 9:25	43001 ALWD_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/14/2023 9:28	45502 DERR_T2	0	1	1	0	0.5	0.5	0	0	0	0	0	0	0	0
11/14/2023 9:29	52402 GRPA_T2	7	8	1	1.03	1.05	0.02	0	0	0	0	0	0	0	0
11/14/2023 9:34	54701 NEBL_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/14/2023 9:34	54505 ENOL_T2	1	1	0	0.7	1.1	0.4	0	0	0	0	0	0	0	0
11/14/2023 9:34	14403 SSLA_T1	0	0	0	0	0	0	1.28	1.38	0	0	0	0	0	0
11/14/2023 9:35	54701 NEBL_T1	0	2	2	0	0.15	0.15	0	0	1	1	0	600	600	0
11/14/2023 9:35	57401 SPAN_T1	8	292	284	0.39	0.35	-0.04	-1.13	-1.08	1	1	0	600	600	0
11/14/2023 9:35	59101 WALK_T2	1	2	1	0	0.7	0.7	2.67	1.8	0	0	0	0	0	0
11/14/2023 9:36	57401 SPAN_T1	8	292	284	0.39	0.35	-0.04	-1.13	-1.08	1	1	0	600	600	0
11/14/2023 9:37	57403 SPAN_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/14/2023 9:38	57401 SPAN_T1	8	292	284	0.39	0.35	-0.04	-3.39	-3.23	3	3	0	1800	1800	0
11/14/2023 9:39	57403 SPAN_T1	11	159	148	0.26	0.42	0.16	0	0	0	0	0	0	0	0
11/14/2023 9:43	45802 HEGI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/14/2023 9:44	41801 GOCI_T2	0	3	3	0	0.23	0.23	0	0	0	0	0	0	0	0
11/14/2023 9:44	45802 HEGI_T2	0	1	1	0	0	0.7	0.9	0	0	0	0	0	0	0
11/14/2023 9:45	29401 BELT_T1	0	17	17	0	0.12	0.12	0	0	0	0	0	0	0	0
11/14/2023 9:46	41801 GOCI_T2	3	0	-3	0.23	0	-0.23	0	0	0	0	0	0	0	0
11/14/2023 9:46	58401 MORO_T1	2	5	3	0.3	0.33	0.03	-0.89	-0.91	1	1	0	600	600	0
11/14/2023 9:47	41901 REED_T1	3	4	1	0.37	0.35	-0.02	0	0	0	0	0	0	0	0
11/14/2023 9:47	43201 MVIL_T2	0	0	0	0	0	0	-1.2	-1.19	0	0	0	0	0	0
11/14/2023 9:47	56802 BENV_T2	65	150	85	0.22	0.29	0.07	-1.3	-1.32	0	0	0	0	0	0
11/14/2023 9:47	55002 NEWP_T1	7	7	0	1.1	1.19	0.09	-0.2	-0.2	0	0	0	0	0	0
11/14/2023 9:48	58401 MORO_T1	2	5	3	0.3	0.33	0.03	-0.89	-0.91	1	1	0	600	600	0
11/14/2023 9:48	56802 BENV_T2	65	150	85	0.22	0.29	0.07	-1.3	-1.32	0	0	0	0	0	0
11/14/2023 9:49	41902 REED_T1	0	0	0	0	0	0	1.04	1.09	0	0	0	0	0	0
11/14/2023 9:49	57401 SPAN_T1	152	365	213	0.27	0.4	0.13	-2.15	-2.31	2	2	0	1200	1200	0
11/14/2023 9:49	56802 BENV_T2	65	150	85	0.22	0.29	0.07	-2.6	-2.64	0	0	0	0	0	0
11/14/2023 9:50	66501 SMAN_T2	2	2	0	0.3	0.5	0.2	0	0	0	0	0	0	0	0
11/14/2023 9:50	43301 WATS_T2	0	1	1	0	0.7	0.7	0	0	0	0	0	0	0	0
11/14/2023 9:50	54204 PENN_T2	1	1	0	0.1	0.1	0	0	0	0	0	0	0	0	0
11/14/2023 9:50	66502 SMAN_T2	0	0	0	0	0	0	0	0	1	1	0	900	900	0
11/14/2023 9:50	41901 REED_T1	3	4	1	0.37	0.35	-0.02	-1.36	-1.34	1	1	0	900	900	0
11/14/2023 9:50	56802 BENV_T2	65	150	85	0.22	0.29	0.07	-1.3	-1.32	0	0	0	0	0	0
11/14/2023 9:51	66502 SMAN_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/14/2023 9:51	41901 REED_T1	3	4	1	0.37	0.35	-0.02	0	0	0	0	0	0	0	0
11/14/2023 9:51	56802 BENV_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/14/2023 9:53	43301 WATS_T2	0	1	1	0	0.7	0.7	0	0	0	0	0	0	0	0
11/14/2023 9:55	67502 WEWI_T2	5	6	1	0.36	0.38	0.02	0	0	0	0	0	0	0	0
11/14/2023 9:57	54505 ENOL_T2	1	1	0	1.1	1.2	0.1	0	0	0	0	0	0	0	0
11/14/2023 9:58	26401 INOR_T1	0	0	0	0	0	0	0.88	0.9	0	0	0	0	0	0
11/14/2023 9:58	29402 BELT_T1	1	2	1	6.6	7.1	0.5	0	0	0	0	0	0	0	0
11/14/2023 9:59	54505 ENOL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/14/2023 9:59	26401 INOR_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/14/2023 10:00	41801 GOCI_T2	0	1	1	0	0.2	0.2	0	0	0	0	0	0	0	0
11/14/2023 10:00	13302 ORVI_T2	8	11	3	0.28	0.28	0	1.02	1.08	0	0	0	0	0	0
11/14/2023 10:01	41801 GOCI_T2	0	1	1	0	0.2	0.2	0	0	0	0	0	0	0	0
11/14/2023 10:01	64802 MONE_T2	72	54	-18	0.34	0.25	-0.09	0.11	0.13	0	0	0	0	0	0
11/14/2023 10:01	64303 LINC_T1	0	1	1	0	0.2	0.2	-0.23	-0.23	0	0	0	0	0	0
11/14/2023 10:03	56501 ROCK_T2	2	6	4	0.5	0.33	-0.17	-0.39	-0.44	0	0	0	0	0	0
11/14/2023 10:03	64303 LINC_T1	0	1	1	0	0.2	0.2	0	0	0	0	0	0	0	0
11/14/2023 10:03	40602 PIGR_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/14/2023 10:03	54001 SDLE_T1	4	6	2	0.85	0.7	-0.15	0	0	0	0	0	0	0	0
11/14/2023 10:04	66902 SHIL_T2	0	57	57	0	0.11	0.11	0	0	0	0	0	0	0	0
11/14/2023 10:04	66504 SMAN_T2	1	3	2	0.1	0.3	0.2	0	0	0	0	0	0	0	0
11/14/2023 10:04	67204 TEHI_T2	0	1	1	0	0.2	0.2	-0.09	-0.1	0	0	0	0	0	0
11/14/2023 10:04	43304 WATS_T2	0	0	0	0	0	0	-0.22	-0.19	0	0	0	0	0	0
11/14/2023 10:04	52502 PROG_T2	1	1	0	0.4	0.7	0.3	-0.76	-0.72	1	1	0	900	900	0
11/14/2023 10:04	46803 HEPB_T2	0	1	1	0	0.2	0.2	0	0	0	0	0	0	0	0
11/14/2023 10:04	40602 PIGR_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/14/2023 10:05	43301 WATS_T2	1	1	0	0.3	0.7	0.4	0	0	0	0	0	0	0	0
11/14/2023 10:05	52502 PROG_T2	1	1	0	0.4	0.7	0.3	-0.76	-0.72	1	1	0	900	900	0
11/14/2023 10:05	13704 SCHN_T2	0	0	0	0	0	0	-0.3	-0.3	0	0	0	0	0	0
11/14/2023 10:05	54001 SDLE_T1	4	6	2	0.85	0.7	-0.15	0	0	0	0	0	0	0	0
11/14/2023 10:06	43301 WATS_T2	1	1	0	0.3	0.7	0.4	0	0	0	0	0	0	0	0
11/14/2023 10:06	67204 TEHI_T2	0	1	1	0	0.2	0.2	-0.09	-0.1	0	0	0	0	0	0
11/14/2023 10:08	45902 AUBU_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/14/2023 10:08	67502 WEWI_T2	6	11	5	0.32	0.31	-0.01	-0.18	-0.18	0	0	0	0	0	0
11/14/2023 10:09	45902 AUBU_T1	2	1	-1	0.1	0.5	0.4	-0.4	-0.48	1	1	0	600	600	0
11/14/2023 10:09	46203 DANV_T2	3	2	-1	0.37	0.5	0.13	-1.44	-1.41	0	0	0	0	0	0
11/14/2023 10:09	67503 WEWI_T2	3	4	1	0.13	0.15	0.02	0	0	0	0	0	0	0	0
11/14/2023 10:10	44801 EDAN_T2	0	2	2	0	0.15	0.15	0	0	0	0	0	0	0	0
11/14/2023 10:10	46903 MNTG_T2	0	1	1	0	0.4	0.4	0	0	0	0	0	0	0	0
11/14/2023 10:10	53501 EVIL_T2	5	1	-4	0.34	0.7	0.36	0.33	0.37	2	2	0	1200	1200	0
11/14/2023 10:10	54504 ENOL_T2	0	0	0	0	0	0	-1.08	-1.13	1	1	0	600	600	0
11/14/2023 10:10	45902 AUBU_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/14/2023 10:11	54502 ENOL_T2	1	1	0	0.7	1	0.3	0	0	0	0	0	0	0	0
11/14/2023 10:11	54503 ENOL_T2	0	0	0	0	0	0	-0.42	-0.44	1	1	0	600	600	0
11/14/2023 10:11	44801 EDAN_T2	0	2	2	0	0.15	0.15	0	0	0	0	0	0	0	0
11/14/2023 10:11	53501 EVIL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/14/2023 10:11	29401 BELT_T1	11	17	6	0.12	0.12	0	0	0	1	1	0	900	900	0
11/14/2023 10:11	45902 AUBU_T1	2	1	-1	0.1	0.5	0.4	-0.96	-0.92	2	2	0	1200	1200	0
11/14/2023 10:12	54502 ENOL_T2	1	1	0	0.7	1	0.3	0	0	0	0	0	0	0	0
11/14/2023 10:12	54501 ENOL_T2	0	2	2	0	0.2	0.2	0.08	0.08	0	0	0	0	0	0
11/14/2023 10:13	54501 ENOL_T2	0	2	2	0	0.2	0.2	0.16	0.16	0	0	0	0	0	0
11/14/2023 10:13	45501 DERR_T2	0	5	5	0	0	0	0.91	0.94	2	2	0	1800	1800	0
11/14/2023 10:13	54502 ENOL_T2	1	1	0	0.7	1	0.3	-2.09	-2.07	1	1	0	600	600	0
11/14/2023 10:13	54501 ENOL_T2	0	2	2	0	0.2	0.2	0.16	0.16	0	0	0	0	0	0
11/14/2023 10:14	64801 MONE_T2	15	20	5	0.19	0.2	0.01	0	0	0	0	0	0	0	0
11/14/2023 10:14	54505 ENOL_T2	1	1	0	1	1.2	0.2	0	0	0	0	0	0	0	0
11/14/2023 10:14	53501 EVIL_T2	5	1	-4	0.34	0.7	0.36	0.33	0.37	2	2	0	1200	1200	0
11/14/2023 10:15	54502 ENOL_T2	0	1	1	0.9	1	0.1	0	0	0	0	0	0	0	0
11/14/2023 10:15	12701 MACU_T1	0	0	0	0	0	0	0.09	0.07	0	0	0	0	0	0
11/14/2023 10:15	53501 EVIL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/14/2023 10:16	54701 NEBL_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/14/2023 10:17	13302 ORVI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/14/2023 10:17	12701 MACU_T1	0	0	0	0	0	0	0.09	0.07	0	0	0	0	0	0
11/14/2023 10:17	54701 NEBL_T1	0	1	1	0	0.2	0.2	0	0	1	1	0	600	600	0
11/14/2023 10:18	13302 ORVI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/14/2023 10:18	67001 STHI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/14/2023 10:18	52502 PROG_T2	1	1	0	0.5	0.7	0.2	-0.72	-0.76	1	1	0	900	900	0
11/14/2023 10:19	66901 SHIL_T2	124	264	140	0.17	0.34	0.17	-1.6	-1.57	1	1	0	1200	1200	0
11/14/2023 10:19	67001 STHI_T2	397	616	219	0.17	0.26	0.09	0	0	0	0	0	0	0	0
11/14/2023 10:20	65003 NEFF_T2	5	7	2	0.18	0.5	0.32	0	0	0	0	0	0	0	0
11/14/2023 10:20	67002 STHI_T2	83	270	187	0.23	0.18	-0.05	0	0	0	0	0	0	0	0
11/14/2023 10:20	46801 HEPB_T2	2	2	0	0.25	0.4	0.15	0.58	0.57	0	0	0	0	0	0
11/14/2023 10:20	54206 PENN_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/14/2023 10:20	40602 PIGR_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/14/2023 10:20	42201 SHEN_T2	0	0	0	0	0	0	0.09	0.1	1	1	0	600	600	0
11/14/2023 10:21	67001 STHI_T2	397	616	219	0.17	0.26	0.09	0	0	0	0	0	0	0	0
11/14/2023 10:21	56504 ROCK_T2	0	2	2	0	0.15	0.15	0	0	0	0	0	0	0	0
11/14/2023 10:21	43001 ALWD_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/14/2023 10:22	67002 STHI_T2	83	270	187	0.23	0.18	-0.05	1.86	1.89	0	0	0	0	0	0
11/14/2023 10:22	42701 AUGU_T1	0	1	1	0	0.5	0.5	0	0	2	2	0	1800	1800	0
11/14/2023 10:22	67503 WEWI_T2	4	4	0	0.13	0.15	0.02	-0.37	-0.39	0	0	0	0	0	0
11/14/2023 10:22	67502 WEWI_T2	6	11	5	0.37	0.35	-0.02	-0.18	-0.15	0	0	0	0	0	0
11/14/2023 10:23	67502 WEWI_T2	6	11	5	0.37	0.35	-0.02	-0.18	-0.15	0	0	0	0	0	0
11/14/2023 10:23	43001 ALWD_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/14/2023 10:25	67502 WEWI_T2	6	11	5	0.37	0.35	-0.02	-0.18	-0.15	0	0	0	0	0	0
11/14/2023 10:25	43304 WATS_T2	0	0	0	0	0	0	-0.19	-0.2	0	0	0	0	0	0
11/14/2023 10:25	10801 CHHI_T1	0	0	0	0	0	0	-0.85	-0.73	1	1	0	900	900	0
11/14/2023 10:25	42701 AUGU_T1	0	1	1	0	0.5	0.5	0	0	2	2	0	1800	1800	0
11/14/2023 10:26	61801 EELI_T2	9	8	-1	0.66	0.59	-0.07	-0.81	-0.82	1	1	0	600	600	0
11/14/2023 10:26	42701 AUGU_T1	0	1	1	0	0.5	0.5	0	0	2	2	0	1800	1800	0
11/14/2023 10:26	45902 AUBU_T1	1	2	1	0.5	0.45	-0.05	-0.46	-0.41	1	1	0	600	600	0
11/14/2023 10:28	45501 DERR_T2	0	5	5	0	0.3	0.3	0.94	0.95	2	2	0	1800	1800	0
11/14/2023 10:28	43402 BENT_T1	0	0	0	0	0	0	-1.3	-1.28	2	2	0	1500	1500	0
11/14/2023 10:29	52401 GRPA_T2	1	1	0	1	1.1	0.1	0	0	0	0	0	0	0	0
11/14/2023 10:29	43402 BENT_T1	0	0	0	0	0	0	-1.3	-1.28	2	2	0	1500	1500	0
11/14/2023 10:30	42701 AUGU_T1	1	1	0	0.1	0.5	0.4	0	0	2	2	0	1800	1800	0
11/14/2023 10:31	52502 PROG_T2	1	1	0	0.7	0.5	-0.2	-0.76	-0.73	1	1	0	900	900	0
11/14/2023 10:31	55002 NEWP_T1	7	11	4	1.47	1.05	-0.42	-0.19	-0.22	0	0	0	0	0	0
11/14/2023 10:32	64101 REFR_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/14/2023 10:32	41902 REED_T1	0	0	0	0	0	0	1.1	1.02	0	0	0	0	0	0
11/14/2023 10:32	56802 BENV_T2	152	79	-73	0.29	0.22	-0.07	-1.31	-1.34	0	0	0	0	0	0
11/14/2023 10:32	55002 NEWP_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/14/2023 10:32	52502 PROG_T2	1	1	0	0.7	0.5	-0.2	-0.76	-0.73	1	1	0	900	900	0
11/14/2023 10:32	13302 ORVI_T2	11	11	0	0.28	0.3	0.02	0.94	1.04	0	0	0	0	0	0
11/14/2023 10:33	52502 PROG_T2	1	1	0	0.7	0.5	-0.2	-0.76	-0.73	1	1	0	900	900	0
11/14/2023 10:33	56802 BENV_T2	152	79	-73	0.29	0.22	-0.07	-1.31	-1.34	0	0	0	0	0	0
11/14/2023 10:34	52502 PROG_T2	1	1	0	0.7	0.5	-0.2	-0.76	-0.73	1	1	0	900	900	0
11/14/2023 10:34	67001 STHI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/14/2023 10:35	67002 STHI_T2	256	183	-73	0.18	0.14	-0.04	0.63	0.61	0	0	0	0	0	0
11/14/2023 10:35	55002 NEWP_T1	7	11	4	1.47	1.05	-0.42	-0.19	-0.22	0	0	0	0	0	0

Appendix C - Grid Benefits Achieved in Each Instance of Active Management

11/14/2023 10:52	60201 ATGL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/14/2023 10:52	45902 AUBU_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/14/2023 10:53	40602 PGR_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/14/2023 10:53	43301 WATS_T2	1	1	0	0.5	0.6	0.1	-1.23	-1.2	2	2	0	1800	1800	0
11/14/2023 10:53	66701 STRA_T1	1	1	0	0.3	0.4	0.1	0	0	0	0	0	0	0	0
11/14/2023 10:53	46004 BERW_T2	0	1	1	0	0.1	0.1	0	0	0	0	0	0	0	0
11/14/2023 10:54	65002 NEFF_T2	6	6	0	0.12	0.15	0.03	0	0	0	0	0	0	0	0
11/14/2023 10:54	59101 WALK_T2	2	1	-1	0.2	0	-0.2	2.41	2.56	0	0	0	0	0	0
11/14/2023 10:54	61802 EELI_T2	0	3	3	0	0.23	0.23	-0.3	-0.31	0	0	0	0	0	0
11/14/2023 10:55	46203 DANV_T2	2	2	0	0.5	0.7	0.2	0	0	0	0	0	0	0	0
11/14/2023 10:55	43301 WATS_T2	1	1	0	0.5	0.6	0.1	0	0	0	0	0	0	0	0
11/14/2023 10:56	46203 DANV_T2	2	2	0	0.5	0.7	0.2	0	0	0	0	0	0	0	0
11/14/2023 10:57	53903 HAU_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/14/2023 10:57	45902 AUBU_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/14/2023 10:58	54502 ENOL_T2	1	3	2	1	0.4	-0.6	0	0	0	0	0	0	0	0
11/14/2023 10:58	54503 ENOL_T2	0	0	0	0	0	0	-0.43	-0.46	1	1	0	600	600	0
11/14/2023 10:58	29402 BELT_T1	2	2	0	4.95	7.1	2.15	0	0	0	0	0	0	0	0
11/14/2023 10:58	46203 DANV_T2	2	2	0	0.5	0.7	0.2	-1.43	-1.46	0	0	0	0	0	0
11/14/2023 10:59	50505 MECH_T1	1	1	0	0.2	0.5	0.3	0	0	0	0	0	0	0	0
11/14/2023 10:59	46203 DANV_T2	2	2	0	0.5	0.7	0.2	0	0	0	0	0	0	0	0
11/14/2023 10:59	29402 BELT_T1	2	2	0	4.95	7.1	2.15	0	0	0	0	0	0	0	0
11/14/2023 10:59	54503 ENOL_T2	0	0	0	0	0	0	-0.43	-0.46	1	1	0	600	600	0
11/14/2023 10:59	53903 HAU_T2	3	3	0	0.37	0.67	0.3	-0.13	-0.13	0	0	0	0	0	0
11/14/2023 11:00	54505 ENOL_T2	1	1	0	1.3	1.1	-0.2	0	0	0	0	0	0	0	0
11/14/2023 11:01	58401 MORO_T1	8	8	0	0.48	0.53	0.05	-0.93	-0.93	1	1	0	600	600	0
11/14/2023 11:01	54204 PENN_T2	1	1	0	0.2	0.2	0	0	0	0	0	0	0	0	0
11/14/2023 11:01	50506 MECH_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/14/2023 11:02	52006 LING_T2	3	3	0	0.5	0.7	0.2	0	0	0	0	0	0	0	0
11/14/2023 11:02	58401 MORO_T1	8	8	0	0.48	0.53	0.05	-0.93	-0.93	1	1	0	600	600	0
11/14/2023 11:02	42903 MIDD_T2	2	2	0	0.75	1.05	0.3	0	0	0	0	0	0	0	0
11/14/2023 11:02	50506 MECH_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/14/2023 11:03	50506 MECH_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/14/2023 11:03	58401 MORO_T1	8	8	0	0.48	0.53	0.05	-0.93	-0.93	1	1	0	600	600	0
11/14/2023 11:04	58401 MORO_T1	8	8	0	0.48	0.53	0.05	-0.93	-0.93	1	1	0	600	600	0
11/14/2023 11:04	67201 TEHI_T1	2	0	-2	0.2	0	-0.2	0	0	0	0	0	0	0	0
11/14/2023 11:04	57403 SPAN_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/14/2023 11:04	50506 MECH_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/14/2023 11:05	57401 SPAN_T1	604	165	-439	0.44	0.32	-0.12	-1.2	-0.5	1	0	-1	600	0	-600
11/14/2023 11:05	57403 SPAN_T1	205	22	-183	0.53	0.35	-0.18	0.04	0.04	0	0	0	0	0	0
11/14/2023 11:06	66502 SMAN_T2	1	2	1	0.2	0.1	-0.1	0	0	1	1	0	900	900	0
11/14/2023 11:07	54204 PENN_T2	1	1	0	0.2	0.2	0	0	0	0	0	0	0	0	0
11/14/2023 11:08	49804 UNIV_T1	1	0	-1	0.2	0	-0.2	0	0	0	0	0	0	0	0
11/14/2023 11:08	46203 DANV_T2	2	2	0	0.5	0.9	0.4	-1.43	-1.46	0	0	0	0	0	0
11/14/2023 11:08	57403 SPAN_T1	205	22	-183	0.53	0.35	-0.18	0.04	0.04	0	0	0	0	0	0
11/14/2023 11:08	67002 STHI_T2	58	371	313	0.14	0.21	0.07	0.66	0.62	0	0	0	0	0	0
11/14/2023 11:08	10805 CHHI_T2	9	14	5	1.87	1.51	-0.36	-0.47	-0.46	1	1	0	600	600	0
11/14/2023 11:09	65001 NEFF_T2	2	3	1	0.15	0.23	0.08	-0.4	-0.26	1	1	0	1200	1200	0
11/14/2023 11:09	61801 EELI_T2	7	20	13	0.74	0.39	-0.35	-0.81	-0.9	1	1	0	600	600	0
11/14/2023 11:09	66504 SMAN_T2	3	4	1	0.47	0.3	-0.17	0	0	0	0	0	0	0	0
11/14/2023 11:09	67001 STHI_T2	519	611	92	0.18	0.25	0.07	0	0	0	0	0	0	0	0
11/14/2023 11:09	60101 COCA_T1	3	5	2	0.17	0.3	0.13	0.4	0.36	0	0	0	0	0	0
11/14/2023 11:09	46206 DANV_T2	0	1	1	0	0	0	0	0	0	0	0	0	0	0
11/14/2023 11:09	55105 WERT_T1	2	2	0	0.35	0.25	-0.1	-0.73	-0.72	1	1	0	900	900	0
11/14/2023 11:10	67503 WEWI_T2	5	5	0	0.26	0.26	0	-0.4	-0.37	0	0	0	0	0	0
11/14/2023 11:10	54502 ENOL_T2	3	1	-2	0.4	0.5	0.1	0	0	0	0	0	0	0	0
11/14/2023 11:10	52202 DEVO_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/14/2023 11:12	60101 COCA_T1	3	5	2	0.17	0.3	0.13	0.36	0.33	0	0	0	0	0	0
11/14/2023 11:12	46206 DANV_T2	0	1	1	0	0	0	0	0	0	0	0	0	0	0
11/14/2023 11:13	52202 DEVO_T2	0	0	0	0	0	0	-0.13	-0.08	0	0	0	0	0	0
11/14/2023 11:13	41502 FAIR_T2	0	0	0	0	0	0	-1.71	-1.69	1	1	0	900	900	0
11/14/2023 11:13	45702 LIND_T2	0	1	1	0	1.2	1.2	-0.52	-0.49	0	0	0	0	0	0
11/14/2023 11:14	61801 EELI_T2	7	20	13	0.74	0.39	-0.35	-0.9	-0.9	1	1	0	600	600	0
11/14/2023 11:14	45001 LIME_2	2	4	2	0.7	0.47	-0.23	0	0	0	0	0	0	0	0
11/14/2023 11:16	46903 MNTG_T2	2	4	2	0.1	0.55	0.45	0	0	0	0	0	0	0	0
11/14/2023 11:16	45003 LIME_2	1	1	0	4.6	4.7	0.1	0	0	1	1	0	1200	1200	0
11/14/2023 11:16	51201 MTON_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/14/2023 11:17	56802 BENV_T2	65	198	133	0.23	0.35	0.12	-1.35	-1.35	0	0	0	0	0	0
11/14/2023 11:17	55002 NEWP_T1	13	14	1	0.88	1.07	0.19	-0.24	-0.2	0	0	0	0	0	0
11/14/2023 11:18	52502 PROG_T2	1	7	6	0.6	0.26	-0.34	-0.8	-0.75	1	1	0	900	900	0
11/14/2023 11:19	58402 MORO_T1	0	0	0	0	0	0	-0.99	-1.04	2	2	0	1500	1500	0
11/14/2023 11:19	56802 BENV_T2	65	198	133	0.23	0.35	0.12	-2.7	-2.7	0	0	0	0	0	0
11/14/2023 11:20	45402 WBLO_T2	1	1	0	1	1	0	-0.67	-0.73	0	0	0	0	0	0
11/14/2023 11:21	67605 WARW_T1	15	11	-4	0.27	0.28	0.01	-1.31	-1.37	0	0	0	0	0	0
11/14/2023 11:22	51302 WIND_T2	0	1	1	0	0.2	0.2	0	0	0	0	0	0	0	0
11/14/2023 11:22	43301 WATS_T2	1	1	0	0.6	0.5	-0.1	0	0	0	0	0	0	0	0
11/14/2023 11:23	51302 WIND_T2	0	1	1	0	0.2	0.2	0	0	0	0	0	0	0	0
11/14/2023 11:24	60904 DONG_T2	2	3	1	0.65	0.4	-0.25	0	0	0	0	0	0	0	0
11/14/2023 11:24	51302 WIND_T2	0	1	1	0	0.2	0.2	0	0	0	0	0	0	0	0
11/14/2023 11:24	45303 WBER_T2	1	0	-1	0.3	0	-0.3	0	0	0	0	0	0	0	0
11/14/2023 11:24	51306 WIND_T2	0	3	3	0	0.13	0.13	0.08	0.11	0	0	0	0	0	0
11/14/2023 11:24	46203 DANV_T2	2	2	0	0.7	1.45	0.75	-1.46	-1.41	0	0	0	0	0	0
11/14/2023 11:25	51306 WIND_T2	0	3	3	0	0.13	0.13	0.08	0.11	0	0	0	0	0	0
11/14/2023 11:25	46206 DANV_T2	1	0	-1	0.1	0	-0.1	0	0	0	0	0	0	0	0
11/14/2023 11:25	45303 WBER_T2	1	0	-1	0.3	0	-0.3	0	0	0	0	0	0	0	0
11/14/2023 11:25	21606 EYNO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/14/2023 11:26	45303 WBER_T2	1	0	-1	0.3	0	-0.3	0	0	0	0	0	0	0	0
11/14/2023 11:27	52401 GRPA_T2	2	3	1	0.45	0.6	0.15	-0.62	-0.55	0	0	0	0	0	0
11/14/2023 11:27	60904 DONG_T2	2	3	1	0.65	0.4	-0.25	0	0	0	0	0	0	0	0
11/14/2023 11:28	46203 DANV_T2	2	2	0	0.7	1.45	0.75	0	0	0	0	0	0	0	0
11/14/2023 11:28	43402 BENT_T1	3	0	-3	0.37	0	-0.37	-1.28	-1.27	2	2	0	1500	1500	0
11/14/2023 11:29	50503 MECH_T1	1	4	3	0.2	0.35	0.15	0	0	0	0	0	0	0	0
11/14/2023 11:29	43402 BENT_T1	3	0	-3	0.37	0	-0.37	-1.28	-1.27	2	2	0	1500	1500	0
11/14/2023 11:30	42001 MNVL_T2	0	1	1	0	0.1	0.1	0.03	0	0	0	0	0	0	0
11/14/2023 11:30	59302 MCAL_T1	0	1	1	0	0.1	0.1	0.2	0.04	1	1	0	600	600	0
11/14/2023 11:30	50506 MECH_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/14/2023 11:31	52502 PROG_T2	3	6	3	0.4	0.28	-0.12	-0.75	-0.74	1	1	0	900	900	0
11/14/2023 11:32	54001 SDLE_T1	5	9	4	0.78	0.7	-0.08	0	0	0	0	0	0	0	0
11/14/2023 11:32	50506 MECH_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/14/2023 11:32	26401 INOR_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/14/2023 11:33	55002 NEWP_T1	12	13	1	0.95	1	0.05	-0.2	-0.2	0	0	0	0	0	0
11/14/2023 11:33	52502 PROG_T2	3	6	3	0.4	0.28	-0.12	-1.51	-1.47	2	2	0	1800	1800	0
11/14/2023 11:33	50506 MECH_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/14/2023 11:33	42902 MIDD_T2	6	7	1	0.5	0.63	0.13	-0.36	-0.38	1	1	0	600	600	0
11/14/2023 11:33	54001 SDLE_T1	5	9	4	0.78	0.7	-0.08	0	0	0	0	0	0	0	0
11/14/2023 11:34	52502 PROG_T2	3	6	3	0.4	0.28	-0.12	-3.01	-2.95	4	4	0	3600	3600	0
11/14/2023 11:34	13302 ORVI_T2	13	13	0	0.29	0.26	-0.03	0.96	0.91	0	0	0	0	0	0
11/14/2023 11:34	54001 SDLE_T1	5	9	4	0.78	0.7	-0.08	0	0	0	0	0	0	0	0
11/14/2023 11:35	59102 WALK_T2	0	3	3	0	0.3	0.3	0	0	0	0	0	0	0	0
11/14/2023 11:35	67002 STHI_T2	364	531	167	0.21	0.24	0.03	0.62	0.65	0	0	0	0	0	0
11/14/2023 11:35	43301 WATS_T2	1	1	0	0.5	0.4	-0.1	0	0	0	0	0	0	0	0
11/14/2023 11:35	51305 WIND_T1	1	3	2	0.6	0.33	-0.27	0	0	0	0	0	0	0	0
11/14/2023 11:35	52502 PROG_T2	3	6	3	0.4	0.28	-0.12	-1.51	-1.47	2	2	0	1800	1800	0
11/14/2023 11:35	55002 NEWP_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/14/2023 11:36	13701 SCHN_T2	5	6	1	0.34	0.32	-0.02	0	0	0	0	0	0	0	0
11/14/2023 11:36	51303 WIND_T1	1	1	0	0.5	0.7	0.2	0	0	0	0	0	0	0	0
11/14/2023 11:36	52501 PROG_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/14/2023 11:36	13302 ORVI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/14/2023 11:36	52502 PROG_T2	3	6	3	0.4	0.28	-0.12	-2.26	-2.21	3	3	0	2700	2700	0
11/14/2023 11:36	51306 WIND_T2	0	3	3	0	0.13	0.13	0.11	0.09	0	0	0	0	0	0
11/14/2023 11:36	59102 WALK_T2	0	3	3	0	0.3	0.3	0	0	0	0	0	0	0	0
11/14/2023 11:37	52502 PROG_T2	3	6	3	0.4	0.28	-0.12	-0.75	-0.74	1	1	0	900	900	0
11/14/2023 11:37	43402 BENT_T1	0	1	1	0	0	0	-1.28	-1.27	2	2	0	1500	1500	0
11/14/2023 11:37	51301 WIND_T1	3	6	3	0.3	0.32	0.02	0.71	0.6	0	0	0	0	0	0
11/14/2023 11:37	51306 WIND_T2	0	3	3	0	0.13	0.13	0.11	0.09	0	0	0	0	0	0
11/14/2023 11:37	43301 WATS_T2	1	1	0	0.5	0.4	-0.1	0	0	0	0	0	0	0	0
11/14/2023 11:37	13302 ORVI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/14/2023 11:38	43302 WATS_T2	2	3	1	0.1	0.1	0	-0.45	-0.47	3	3	0	2400	2400	0
11/14/2023 11:38	51301 WIND_T1	3	6	3	0.3	0.32	0.02	0.36	0.3	0	0	0	0	0	0
11/14/2023 11:38	67001 STHI_T2	601	776	175	0.25	0.33	0.08	0	0	0	0	0	0	0	0
11/14/2023 11:38	43302 WATS_T2	2	3	1	0.1	0.1	0	-0.45	-0.47	3	3	0	2400	2400	0
11/14/2023 11:38	51306 WIND_T2	0	3	3	0	0.13	0.13	0.11	0.09	0	0	0	0	0	0
11/14/2023 11:38	43301 WATS_T2	1	1	0	0.5	0.4	-0.1	-0.61	-0.61	1	1	0	900	900	0
11/14/2023 11:38	52502 PROG_T2	3	6	3	0.4	0.28	-0.12	-0.75	-0.74	1	1	0	900	900	0
11/14/2023 11:39	43302 WATS_T2	2	3	1	0.1	0.1	0	-0.45	-0.47	3	3	0	2400	2400	0
11/14/2023 11:39	43302 WATS_T2	2	3	1	0.1	0.1	0	-0.45	-0.47	3	3	0	2400	2400	0
11/14/2023 11:39	54206 PENN_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/14/2023 11:39	61101 BERK_T5	5	5	0	0.3	0.32	0.02	0	0	0	0	0	0	0	0
11/14/2023 11:39	51306 WIND_T2	0	3	3	0	0.13	0.13	0.11	0.09	0	0	0	0	0	0
11/14/2023 11:39	67904 WNHO_T1	0	0	0	0	0	0	-2.11	-2.13	2	2	0	2100	2100	0
11/14/2023 11:40	51306 WIND_T2	0	3	3	0	0.13	0.13	0.11	0.09	0	0	0	0	0	0
11/14/2023 11:40	20401 ASHF_T2	0	2	2	0	0.15	0.15	0	0	0	0	0	0	0	0
11/14/2023 11:40	43302 WATS_T2	2	3	1	0.1	0.1	0	0	0	0	0	0	0	0	0
11/14/2023 11:40	67001 STHI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/14/2023 11:40	51301 WIND_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/14/2023 11:41	51303 WIND_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/14/2023 11:41	43301 WATS_T2	1	1	0	0.5	0.4	-0.1	0	0	0	0	0	0	0	0
11/14/2023 11:41	60101 COCA_T1	5	6	1	0.3	0.45	0.15	0.33	0.35	0	0	0	0	0	0
11/14/2023 11:45	50506 MECH_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/14/2023 11:46	45002 LIME_2	0	1	1	0	0.4	0.4	0	0	0	0	0	0	0	0
11/14/2023 11:46	64303 LINC_T1	0	1	1	0	0.1	0.1	-0.25	-0.24	0	0	0	0	0	0
11/14/2023 11:47	45003 LIME_2	1	1	0	4.7	4.8	0.1	0	0	1	1	0	1200	1200	0
11/14/2023 11:48	54204 PENN_T2	1	2	1	0.2	0.35	0.15	0	0	0	0	0	0	0	0
11/14/2023 11:48	56501 ROCK_T2	8	9	1	0.41	0.53	0.12	-0.21	-0.45	0	0	0	0	0	0
11/14/2023 11:48	50506 MECH_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/14/2023 11:48	54001 SDLE_T1	8	9	1	0.68	0.76	0.08	0	0	0	0	0	0	0	0
11/14/2023 11:49	42901 MIDD_T2	1	2	1	0.2	0.35	0.15	0	0	0	0	0	0	0	0
11/14/2023 11:49	65004 NEFF_T2	2	0	-2	0.1	0	-0.1	0	0	0	0	0	0	0	0
11/14/2023 11:49	65804 RTWN_T1	0	1	1	0	0.1	0.1	-0.11	-0.09	1	1	0	600	600	0
11/14/2023 11:49	54206 PENN_T2	4	90	86	0.33	0.15	-0.18	0	0	0	0	0	0	0	0
11/14/2023 11:49	50506 MECH_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/14/2023 11:49	64101 REFR_T1	0	9	9	0	0.19	0.19	-0.14	-0.12	0	0	0	0	0	0
11/14/2023 11:50	54001 SDLE_T1	8	9	1	0.68	0.76	0.08	0	0	0	0	0	0	0	0
11/14/2023 11:50	67001 STHI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/14/2023 11:50	56504 ROCK_T2	3	8	5	0.23	0.3	0.07	0	0	0	0	0	0	0	0
11/14/2023 11:50	56501 ROCK_T2	8	9	1	0.41	0.53	0.12	-0.21	-0.45	0	0	0	0	0	0
11/14/2023 11:50	51302 WIND_T2	1	2	1	0.2	0.1	-0.1	0	0	0	0	0	0	0	0
11/14/2023 11:50	64101 REFR_T1	0	9	9	0	0.19	0.19	-0.14	-0.12	0	0	0	0	0	0
11/14/2023 11:51	59102 WALK_T2	1	5	4	0.3	0.44	0.14	0	0	0	0	0	0	0	0
11/14/2023 11:51	51305 WIND_T1	3	1	-2	0.33	0.6	0.27	0	0	0	0	0	0	0	0
11/14/2023 11:51	51306 WIND_T2	3	1	-2	0.13	0.2	0.07	0.09	0.11	0	0	0	0	0	0
11/14/2023 11:51	51302 WIND_T2	1	2	1	0.2	0.1	-0.1	0	0	0	0	0	0	0	0
11/14/2023 11:51	64101 REFR_T1	0	9	9	0	0.19	0.19	-0.57	-0.49	0	0	0	0	0	0
11/14/2023 11:51	65804 RTWN_T1	0	1	1	0	0.1	0.1	-0.11	-0.09	1	1	0	600	600	0
11/14/2023 11:52	51305 WIND_T1	3	1	-2	0.33	0.6	0.27	0	0	0	0	0	0	0	0
11/14/2023 11:52	13704 SCHN_T2	0	1	1	0	0.1	0.1	-0.32	-0.35	0	0	0	0	0	0
11/14/2023 11:53	51306 WIND_T2	3	1	-2	0.13	0.2	0.07	0.09	0.11	0	0	0	0	0	0
11/14/2023 11:53	64101 REFR_T1	0	9	9	0	0.19	0.19	-0.14	-0.12	0	0	0	0	0	0
11/14/2023 11:53	51303 WIND_T1	1	1	0	0.7	0.5	-0.2	0	0	0	0	0	0

11/14/2023 12:14	62605 ENGL_T1	1	2	1	0.2	0.1	-0.1	0	0	0	0	0	0	0	0
11/14/2023 12:15	51604 DUKE_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/14/2023 12:15	50506 MECH_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/14/2023 12:16	55002 NEWP_T1	6	10	4	1	0.78	-0.22	-0.21	-0.22	0	0	0	0	0	0
11/14/2023 12:16	50506 MECH_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/14/2023 12:16	52004 LING_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/14/2023 12:17	50503 MECH_T1	7	8	1	0.33	0.31	-0.02	0	0	0	0	0	0	0	0
11/14/2023 12:17	42001 MNVL_T2	0	1	1	0	0.2	0.2	0	-0.04	0	0	0	0	0	0
11/14/2023 12:17	50501 MECH_T1	6	6	0	1.3	1.32	0.02	0	0	0	0	0	0	0	0
11/14/2023 12:17	55002 NEWP_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/14/2023 12:18	13704 SCHN_T2	0	1	-1	0	0.1	0.1	-0.33	-0.32	0	0	0	0	0	0
11/14/2023 12:18	50504 MECH_T1	58	77	19	0.16	0.16	0	0	0	0	0	0	0	0	0
11/14/2023 12:19	65003 NEFF_T2	6	7	1	0.32	0.41	0.09	0	0	0	0	0	0	0	0
11/14/2023 12:19	50505 MECH_T1	2	5	3	0.4	0.24	-0.16	-0.85	-0.88	0	0	0	0	0	0
11/14/2023 12:20	55002 NEWP_T1	6	10	4	1	0.78	-0.22	-0.21	-0.22	0	0	0	0	0	0
11/14/2023 12:20	50506 MECH_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/14/2023 12:21	43304 WATS_T2	0	0	0	0	0	0	-0.09	-0.17	0	0	0	0	0	0
11/14/2023 12:21	67901 WNHO_T2	0	0	0	0	0	0.32	0.29	2	2	0	2100	2100	0	0
11/14/2023 12:21	43301 WATS_T2	1	1	0	0.4	0.6	0.2	0	0	0	0	0	0	0	0
11/14/2023 12:21	13704 SCHN_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/14/2023 12:22	43301 WATS_T2	1	1	0	0.4	0.6	0.2	-0.63	-0.61	1	1	0	900	900	0
11/14/2023 12:23	43304 WATS_T2	0	0	0	0	0	0	-0.18	-0.34	0	0	0	0	0	0
11/14/2023 12:23	59101 WALK_T2	2	2	0	0.2	0.1	-0.1	6.78	6.99	0	0	0	0	0	0
11/14/2023 12:23	43301 WATS_T2	1	1	0	0.4	0.6	0.2	-0.63	-0.61	1	1	0	900	900	0
11/14/2023 12:24	43301 WATS_T2	1	1	0	0.4	0.6	0.2	0	0	0	0	0	0	0	0
11/14/2023 12:24	44301 BEAV_T2	0	1	1	0	0	0	0	0	0	0	0	0	0	0
11/14/2023 12:25	40201 BEGA_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/14/2023 12:25	43301 WATS_T2	1	1	0	0.4	0.6	0.2	-0.63	-0.61	1	1	0	900	900	0
11/14/2023 12:25	43304 WATS_T2	0	0	0	0	0	0	-0.09	-0.17	0	0	0	0	0	0
11/14/2023 12:26	43301 WATS_T2	1	1	0	0.4	0.6	0.2	0	0	0	0	0	0	0	0
11/14/2023 12:33	51301 WIND_T1	5	3	-2	0.34	0.47	0.13	0.34	0.36	0	0	0	0	0	0
11/14/2023 12:34	13704 SCHN_T2	0	1	1	0	0.1	0.1	-0.32	-0.34	0	0	0	0	0	0
11/14/2023 12:36	67204 TEHI_T2	0	0	0	0	0	0	-0.12	-0.12	0	0	0	0	0	0
11/14/2023 12:37	13701 SCHN_T2	4	5	1	0.35	0.32	-0.03	0	0	0	0	0	0	0	0
11/14/2023 12:38	67204 TEHI_T2	0	0	0	0	0	0	-0.12	-0.12	0	0	0	0	0	0
11/14/2023 12:46	42901 MIDD_T2	0	1	1	0	0.2	0.2	0	0	0	0	0	0	0	0
11/14/2023 12:48	42903 MIDD_T2	2	2	0	1	1.3	0.3	0	0	0	0	0	0	0	0
11/14/2023 12:53	58003 WCAR_T1	1	1	0	0.8	0.6	-0.2	0	0.05	1	1	0	600	600	0
11/14/2023 12:54	58003 WCAR_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/14/2023 13:01	65002 NEFF_T2	1	1	0	0.1	0.1	0	0	0	0	0	0	0	0	0
11/14/2023 13:02	52502 PROG_T2	1	1	0	0.2	0.4	0.2	-0.76	-0.8	1	1	0	900	900	0
11/14/2023 13:04	14802 TREI_T2	1	1	0	0.5	0.2	-0.3	0.27	0.25	0	0	0	0	0	0
11/14/2023 13:04	64101 REFR_T1	6	3	-3	0.17	0.23	0.06	-0.16	-0.14	0	0	0	0	0	0
11/14/2023 13:05	14801 TREI_T2	2	3	1	0.65	0.43	-0.22	0	0	0	0	0	0	0	0
11/14/2023 13:05	52502 PROG_T2	1	1	0	0.2	0.4	0.2	-0.76	-0.8	1	1	0	900	900	0
11/14/2023 13:05	64101 REFR_T1	6	3	-3	0.17	0.23	0.06	-0.33	-0.29	0	0	0	0	0	0
11/14/2023 13:06	52502 PROG_T2	1	1	0	0.2	0.4	0.2	-0.76	-0.8	1	1	0	900	900	0
11/14/2023 13:07	46802 HEPB_T1	3	5	2	0.8	0.62	-0.18	-1.34	-1.34	0	0	0	0	0	0
11/14/2023 13:08	14801 TREI_T2	2	3	1	0.65	0.43	-0.22	0.25	0.24	0	0	0	0	0	0
11/14/2023 13:08	15001 BLMO_T1	2	2	0	0.35	0.3	-0.05	0	0	0	0	0	0	0	0
11/14/2023 13:09	15001 BLMO_T1	2	2	0	0.35	0.3	-0.05	0	0	0	0	0	0	0	0
11/14/2023 13:09	64101 REFR_T1	6	3	-3	0.17	0.23	0.06	-0.16	-0.14	0	0	0	0	0	0
11/14/2023 13:10	64101 REFR_T1	6	3	-3	0.17	0.23	0.06	-0.16	-0.14	0	0	0	0	0	0
11/14/2023 13:14	15001 BLMO_T1	2	2	0	0.35	0.3	-0.05	0	0	0	0	0	0	0	0
11/14/2023 13:17	65003 NEFF_T2	7	7	0	0.36	0.41	0.05	0	0	0	0	0	0	0	0
11/14/2023 13:17	56803 BENV_T1	4	4	0	0.78	0.83	0.05	0	0	0	0	0	0	0	0
11/14/2023 13:19	13704 SCHN_T2	1	1	0	0.2	0.1	-0.1	-0.69	-0.73	0	0	0	0	0	0
11/14/2023 13:19	56801 BENV_T1	57	58	1	1.16	1.28	0.12	-0.8	-0.82	1	1	0	600	600	0
11/14/2023 13:21	13704 SCHN_T2	1	1	0	0.2	0.1	-0.1	-0.34	-0.36	0	0	0	0	0	0
11/14/2023 13:21	56801 BENV_T1	57	58	1	1.16	1.28	0.12	-0.8	-0.82	1	1	0	600	600	0
11/14/2023 13:29	42002 MNVL_T2	1	1	0	6	5.9	-0.1	0	0	0	0	0	0	0	0
11/14/2023 13:31	59301 MCAL_T1	3	5	2	0.33	0.48	0.15	0	0	0	0	0	0	0	0
11/14/2023 13:33	65002 NEFF_T2	1	4	3	0.1	0.15	0.05	0	0	0	0	0	0	0	0
11/14/2023 13:33	55002 NEWP_T1	8	7	-1	0.91	0.91	0	-0.23	-0.26	0	0	0	0	0	0
11/14/2023 13:36	43301 WATS_T2	1	1	0	0.6	0.6	0	-0.64	-0.66	1	1	0	900	900	0
11/14/2023 13:40	43301 WATS_T2	1	1	0	0.6	0.6	0	0	0	0	0	0	0	0	0
11/14/2023 13:52	59102 WALK_T2	2	2	0	0.35	0.3	-0.05	0	0	0	0	0	0	0	0
11/14/2023 13:59	45001 LIME_2	12	3	-9	0.18	0.13	-0.05	0	0	0	0	0	0	0	0
11/14/2023 14:06	57702 PAXT_T1	1	1	0	0.8	0.5	-0.3	-0.08	-0.06	0	0	0	0	0	0
11/14/2023 14:09	43304 WATS_T2	0	0	0	0	0	0	-0.2	-0.16	0	0	0	0	0	0
11/14/2023 14:09	67605 WARW_T1	10	6	-4	0.28	0.22	-0.06	-1.35	-1.27	0	0	0	0	0	0
11/14/2023 14:09	50701 SMEC_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/14/2023 14:12	41801 GOCI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/14/2023 14:13	41801 GOCI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/14/2023 14:13	26401 INOR_T1	0	0	0	0	0	0	0.76	0.89	0	0	0	0	0	0
11/14/2023 14:14	45001 LIME_2	2	4	2	0.9	0.13	-0.77	0	0	0	0	0	0	0	0
11/14/2023 14:15	50506 MECH_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/14/2023 14:15	58401 MORO_T1	7	6	-1	0.43	0.4	-0.03	-0.96	-0.95	1	1	0	600	600	0
11/14/2023 14:16	50506 MECH_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/14/2023 14:16	58401 MORO_T1	7	6	-1	0.43	0.4	-0.03	-2.87	-2.85	3	3	0	1800	1800	0
11/14/2023 14:16	58401 MORO_T1	7	6	-1	0.43	0.4	-0.03	-2.87	-2.85	3	3	0	1800	1800	0
11/14/2023 14:17	43202 MVIL_T2	1	0	-1	0.4	0	-0.4	-0.64	-0.62	0	0	0	0	0	0
11/14/2023 14:17	50502 MECH_T1	1	1	0	1.1	1.1	0	0	0	0	0	0	0	0	0
11/14/2023 14:17	50505 MECH_T1	15	25	10	0.15	0.14	-0.01	-0.88	-0.84	0	0	0	0	0	0
11/14/2023 14:17	58402 MORO_T1	0	4	4	0	0.13	0.13	-0.98	-1.04	2	2	0	1500	1500	0
11/14/2023 14:17	60604 NCOL_T2	0	0	0	0	0	0	0.32	0.23	0	0	0	0	0	0
11/14/2023 14:17	58402 MORO_T1	0	4	-4	0	0.13	0.13	-0.98	-1.04	2	2	0	1500	1500	0
11/14/2023 14:18	46802 HEPB_T1	7	15	8	0.59	0.3	-0.29	0	0	0	0	0	0	0	0
11/14/2023 14:18	50506 MECH_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/14/2023 14:18	60604 NCOL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/14/2023 14:18	59302 MCAL_T1	0	0	0	0	0	0	0.11	0.12	1	1	0	600	600	0
11/14/2023 14:18	58401 MORO_T1	7	6	-1	0.43	0.4	-0.03	-0.96	-0.95	1	1	0	600	600	0
11/14/2023 14:19	56501 ROCK_T2	6	7	1	0.48	0.36	-0.12	0	0	0	0	0	0	0	0
11/14/2023 14:19	58402 MORO_T1	0	4	4	0	0.13	0.13	0	0	0	0	0	0	0	0
11/14/2023 14:20	58402 MORO_T1	0	4	4	0	0.13	0.13	-0.98	-1.04	2	2	0	1500	1500	0
11/14/2023 14:20	16301 ALPA_T1	97	141	44	0.18	0.16	-0.02	-0.47	-0.46	0	0	0	0	0	0
11/14/2023 14:20	58402 MORO_T1	0	4	4	0	0.13	0.13	-0.98	-1.04	2	2	0	1500	1500	0
11/14/2023 14:20	46802 HEPB_T1	7	15	8	0.59	0.3	-0.29	-1.36	-1.35	0	0	0	0	0	0
11/14/2023 14:21	46801 HEPB_T2	1	0	-1	0.1	0	-0.1	0.55	0.52	0	0	0	0	0	0
11/14/2023 14:21	52502 PROG_T2	1	0	-1	0.1	0	-0.1	-0.74	-0.82	1	1	0	900	900	0
11/14/2023 14:21	16302 ALPA_T2	0	0	0	0	0	0	0.63	0.62	0	0	0	0	0	0
11/14/2023 14:21	13905 SEID_T1	0	1	1	0	0.2	0.2	0	0	0	0	0	0	0	0
11/14/2023 14:21	54202 PENN_T2	66	176	110	0.15	0.13	-0.02	0	0	0	0	0	0	0	0
11/14/2023 14:21	43301 WATS_T2	1	1	0	0.7	0.9	0.2	-0.65	-0.66	1	1	0	900	900	0
11/14/2023 14:21	42201 SHEN_T2	1	1	0	0.7	1	0.3	0.1	0.11	1	1	0	600	600	0
11/14/2023 14:22	43304 WATS_T2	0	0	0	0	0	0	-0.16	-0.19	0	0	0	0	0	0
11/14/2023 14:22	50701 SMEC_T1	2	1	-1	0.3	0.2	-0.1	0.06	0.1	0	0	0	0	0	0
11/14/2023 14:22	42201 SHEN_T2	1	1	0	0.7	1	0.3	0.1	0.11	1	1	0	600	600	0
11/14/2023 14:22	16302 ALPA_T2	0	0	0	0	0	0	0.63	0.62	0	0	0	0	0	0
11/14/2023 14:22	16301 ALPA_T1	97	141	44	0.18	0.16	-0.02	-0.94	-0.92	0	0	0	0	0	0
11/14/2023 14:23	67001 STHI_T2	7	4	-3	0.13	0.2	0.07	0	0	0	0	0	0	0	0
11/14/2023 14:23	14401 SSLA_T1	1	1	0	0.5	0.5	0	0	0	0	0	0	0	0	0
11/14/2023 14:23	43302 WATS_T2	0	3	3	0	0.1	0.1	0	0	0	0	0	0	0	0
11/14/2023 14:23	59102 WALK_T2	1	1	0	0.1	0.1	0	0	0	0	0	0	0	0	0
11/14/2023 14:23	16302 ALPA_T2	0	0	0	0	0	0.63	0.62	0	0	0	0	0	0	0
11/14/2023 14:23	50701 SMEC_T1	2	1	-1	0.3	0.2	-0.1	0.06	0.1	0	0	0	0	0	0
11/14/2023 14:24	59101 WALK_T2	1	1	0	0	0	0	4.31	4.19	0	0	0	0	0	0
11/14/2023 14:25	16301 ALPA_T1	97	141	44	0.18	0.16	-0.02	-0.47	-0.46	0	0	0	0	0	0
11/14/2023 14:25	54502 ENOL_T2	1	1	0	0.4	0.3	-0.1	-1.37	-1.3	0	0	0	0	0	0
11/14/2023 14:25	54502 ENOL_T2	1	1	0	0.4	0.3	-0.1	-1.37	-1.3	0	0	0	0	0	0
11/14/2023 14:25	54505 ENOL_T2	1	1	0	1	1.1	0.1	0	0	0	0	0	0	0	0
11/14/2023 14:25	43302 WATS_T2	0	3	3	0	0.1	0.1	0	0	0	0	0	0	0	0
11/14/2023 14:25	46203 DANV_T2	2	2	0	1.3	0.5	-0.8	0	0	0	0	0	0	0	0
11/14/2023 14:26	54502 ENOL_T2	1	1	0	0.4	0.3	-0.1	0	0	0	0	0	0	0	0
11/14/2023 14:26	54502 ENOL_T2	1	1	0	0.4	0.3	-0.1	0	0	0	0	0	0	0	0
11/14/2023 14:26	46203 DANV_T2	2	3	1	1.3	0.5	-0.8	-1.53	-1.5	0	0	0	0	0	0
11/14/2023 14:26	16302 ALPA_T2	0	0	0	0	0	0	0.62	0.61	0	0	0	0	0	0
11/14/2023 14:27	46203 DANV_T2	2	2	0	1.3	0.5	-0.8	-1.53	-1.5	0	0	0	0	0	0
11/14/2023 14:27	46206 DANV_T2	0	1	1	0	0	0	0	0	0	0	0	0	0	0
11/14/2023 14:27	22901 HARW_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/14/2023 14:28	54501 ENOL_T2	2	4	2	0.15	0.25	0.1	0	0	0	0	0	0	0	0
11/14/2023 14:28	41801 GOCI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/14/2023 14:28	54505 ENOL_T2	1	1	0	1	1.1	0.1	-0.76	-0.74	0	0	0	0	0	0
11/14/2023 14:29	54505 ENOL_T2	1	1	0	1	1.1	0.1	0	0	0	0	0	0	0	0
11/14/2023 14:29	54505 ENOL_T2	1	1	0	1	1.1	0.1	0	0	0	0	0	0	0	0
11/14/2023 14:29	41801 GOCI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/14/2023 14:30	45001 LIME_2	2	2	0	0.1	0.15	0.05	0	0	0	0	0	0	0	0
11/14/2023 14:30	42903 MIDD_T2	2	2	0	1.4	1.6	0.2	0	0	0	0	0	0	0	0
11/14/2023 14:30	54505 ENOL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/14/2023 14:31	58402 MORO_T1	4	0	-4	0.13	0	-0.13	-1.04	-0.99	2	2	0	1500	1500	0
11/14/2023 14:31	54202 PENN_T2	42	237	195	0.16	0.14	-0.02	0	0	0	0	0	0	0	0
11/14/2023 14:31	58401 MORO_T1	5	5	0	0.46	0.3	-0.16	-0.95	-0.89	1	1	0	600	600	0
11/14/2023 14:31	50506 MECH_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/14/2023 14:32	41901 REED_T1	5	8	3	0.28	0.23	-0.05	0	0	0	0	0	0	0	0
11/14/2023 14:32	58401 MORO_T1	5	5	0	0.46	0.3	-0.16	-1.9	-1.77	2	2	0	1200	1200	0
11/14/2023 14:32	54206 PENN_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/14/2023 14:32	42903 MIDD_T2	2	2	0	1.4	1.6	0.2	0	0	0	0	0	0	0	0
11/14/2023 14:32	58401 MORO_T1	5	5	0	0.46	0.3	-0.16	-1.9	-1.77	2	2	0	1200	1200	0
11/14/2023 14:33	50506 MECH_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/14/2023 14:33	58401 MORO_T1	5	5	0	0.46	0.3	-0.16	-0.95	-0.89	1	1	0	600	600	0
11/14/2023 14:33	58402 MORO_T1	4	0	-4	0.13	0	-0.13	-1.04	-0.99	2	2	0	1500	1500	0
11/14/2023 14:33	60604 NCOL_T2	0	0	0	0	0	0	0.23	0.3	0	0	0	0	0	0
11/14/2023 14:34	51604 DUKE_T2	1	1	0	0.4	0.4	0	-0.7	-0.71	0	0	0	0	0	0
11/14/2023 14:34	59301 MCAL_T1	7	8	1	0.64	0.53	-0.11	0	0	0	0	0	0	0	0
11/14/2023 14:34	58401 MORO_T1	5	5	0	0.46	0.3	-0.16	-1.9	-1.77	2	2	0	1200	1200	0
11/14/2023 14:34	41901 REED_T1	5	8	3	0.28	0.23	-0.05	-1.29	-1.42	1	1	0	900	900	0
11/14/2023 14:34	42903 MIDD_T2	2	2	0	1.4	1.6	0.2	0	0	0	0	0	0	0	0
11/14/2023 14:34	60604 NCOL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/14/2023 14:34	56501 ROCK_T2	7	8	1	0.83	0.46	-0.37	0	0	0	0	0	0	0	0
11/14/2023 14:34	46802 HEPB_T1	15	5	-10	0.3	0.62	0.32	0	0	0	0	0	0	0	0
11/14/2023 14:34	50506 MECH_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/14/2023 14:35	65005 NEFF_T2	1	1	0	0.2	0.1	-0.1	0	0	0	0	0	0	0	0
11/14/2023 14:36	46802 HEPB_T1	15	5	-10	0.3	0.62	0.32	-1.35	-1.34	0	0	0	0	0	0
11/14/2023 14:36	16301 ALPA_T1	138	153	15	0.16	0.16	0	-0.46	-0.43	0	0	0	0	0	0
11/14/2023 14:37	13901 SEID_T1	0	0	0	0	0	0	0.14	0.16	0	0	0	0	0	0
11/14/2023 14:37	16302 ALPA_T2	0	0	0	0	0	0	1.86	1.82	0	0	0	0	0	0
11/14/2023 14:38	16302 ALPA_T2	0	0	0	0	0	0	0.62	0.61	0	0	0	0	0	0
11/14/2023 14:38	50701 SMEC_T1	1	1	0	0.2	0.2	0	0.1	0.02	0	0	0	0	0	0
11/14/2023 14:38	16301 ALPA_T1	138	153	15	0.16	0.16	0	-0.92	-0.86	0	0	0	0	0	0
11/14/2023 14:39	50701 SMEC_T1	1	1	0	0.2	0.2	0	0.1	0.02	0	0	0	0	0	0
11/14/2023 14:39	59101 WALK_T2	1	1	0	0	0	0	4.19	4.4	0	0	0	0	0	0
11/14/2023 14:39	67502 WEWI_T2	46	129	83	0.18	0.23	0.05	-0.29	-0.26	0	0	0	0	0	0
11/14/2023 14:41	41901 REED_T1	5	8	3	0.28	0.23	-0.05	0	0	0	0	0	0	0	0
11/14/2023 14:41	48901 FOSP_T2	0	0	0	0	0	0	-0.25	-0.25	1	1	0	600	600	0
11/14/2023 14:41	46206 DANV_T2	0	1	1	0	0	0	0	0	0	0	0	0	0	0
11/14/2023 14:41	10805 CHHI_T2	7	1	-6	1.83	8.4	6.57	-0.4	-0.77	1	1	0	600	600	0
11/14/2023 14:41	16301 ALPA_T1	138	153	15	0.16	0.16	0	-0.43	-0.44	0	0	0	0	0	0
11/14/2023 14:42	46203 DANV_T2	2	1

11/14/2023 15:02	42902 MIDD_T2	0	0	0	0	0	0	0.2	-0.25	0	0	0	0	0	0
11/14/2023 15:03	58401 MORO_T1	1	1	0	0.3	0	-0.3	-2.78	-2.78	3	3	0	1800	1800	0
11/14/2023 15:03	58401 MORO_T1	1	1	0	0.3	0	-0.3	-2.78	-2.78	3	3	0	1800	1800	0
11/14/2023 15:03	54206 PENN_T2	1	2	1	0.5	0.35	-0.15	0	0	0	0	0	0	0	0
11/14/2023 15:03	13105 NHAM_T2	0	0	0	0	0	0	-0.42	-0.44	1	1	0	1200	1200	0
11/14/2023 15:04	58401 MORO_T1	1	1	0	0.3	0	-0.3	-0.93	-0.93	1	1	0	600	600	0
11/14/2023 15:04	42001 MNVL_T2	1	0	-1	0.1	0	-0.1	0.08	-0.05	0	0	0	0	0	0
11/14/2023 15:04	42201 SHEN_T2	1	1	0	0.6	0.6	0	0.11	0.07	1	1	0	600	600	0
11/14/2023 15:04	58401 MORO_T1	1	1	0	0.3	0	-0.3	-0.93	-0.93	1	1	0	600	600	0
11/14/2023 15:05	58401 MORO_T1	1	1	0	0.3	0	-0.3	0	0	0	0	0	0	0	0
11/14/2023 15:05	42201 SHEN_T2	1	1	0	0.6	0.6	0	0.11	0.07	1	1	0	600	600	0
11/14/2023 15:06	58401 MORO_T1	1	1	0	0.3	0	-0.3	-0.93	-0.93	1	1	0	600	600	0
11/14/2023 15:06	52501 PROG_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/14/2023 15:06	52502 PROG_T2	0	0	0	0	0	0	-0.78	-0.83	1	1	0	900	900	0
11/14/2023 15:06	59101 WALK_T2	1	1	0	0	0	0	2.18	1.81	0	0	0	0	0	0
11/14/2023 15:09	56501 ROCK_T2	8	4	-4	0.46	0.43	-0.03	-0.48	-0.28	0	0	0	0	0	0
11/14/2023 15:13	46206 DANV_T2	0	103	103	0	0	0	0	0	0	0	0	0	0	0
11/14/2023 15:13	26402 INOR_T1	0	0	0	0	0	0	-1.02	-1.02	1	1	0	600	600	0
11/14/2023 15:17	52402 GRPA_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/14/2023 15:17	26402 INOR_T1	0	0	0	0	0	0	-1.02	-1.02	1	1	0	600	600	0
11/14/2023 15:18	56501 ROCK_T2	3	3	0	0.43	0.2	-0.23	-0.28	-0.46	0	0	0	0	0	0
11/14/2023 15:20	58401 MORO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/14/2023 15:20	22901 HARW_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/14/2023 15:21	52402 GRPA_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/14/2023 15:21	58401 MORO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/14/2023 15:22	12202 FOGE_T2	1	0	-1	0.2	0	-0.2	0	0	1	1	0	600	600	0
11/14/2023 15:26	48901 FOSP_T2	0	0	0	0	0	0	-0.27	-0.28	1	1	0	600	600	0
11/14/2023 15:27	55002 NEWP_T1	2	2	0	0.65	0.5	-0.15	-0.28	-0.29	0	0	0	0	0	0
11/14/2023 15:27	52401 GRPA_T2	3	1	-2	0.47	0.7	0.23	0	0	0	0	0	0	0	0
11/14/2023 15:27	52403 GRPA_T2	13	0	-13	0.4	0	-0.4	0.04	0.02	0	0	0	0	0	0
11/14/2023 15:28	45802 HEGI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/14/2023 15:30	52401 GRPA_T2	1	1	0	0.7	0.5	-0.2	0	0	0	0	0	0	0	0
11/14/2023 15:30	47101 MARL_T1	0	0	0	0	0	0	-3.73	-3.64	2	2	0	1200	1200	0
11/14/2023 15:30	45802 HEGI_T2	0	0	0	0	0	0	1.07	-1	0	0	0	0	0	0
11/14/2023 15:31	47101 MARL_T1	0	0	0	0	0	0	-3.73	-3.64	2	2	0	1200	1200	0
11/14/2023 15:32	47101 MARL_T1	0	0	0	0	0	0	-1.86	-1.82	1	1	0	600	600	0
11/14/2023 15:32	64303 LINC_T1	0	0	0	0	0	0	-0.26	-0.24	0	0	0	0	0	0
11/14/2023 15:33	47101 MARL_T1	0	0	0	0	0	0	-1.86	-1.82	1	1	0	600	600	0
11/14/2023 15:33	54001 SDLE_T1	7	7	0	0.71	0.7	-0.01	0	0	0	0	0	0	0	0
11/14/2023 15:36	54001 SDLE_T1	7	7	0	0.71	0.7	-0.01	0	0	0	0	0	0	0	0
11/14/2023 15:37	59101 WALK_T2	1	1	0	0	0	0	1.91	1.71	0	0	0	0	0	0
11/14/2023 15:41	62604 ENGL_T1	0	0	0	0	0	0	-0.4	-0.42	1	1	0	600	600	0
11/14/2023 15:41	48901 FOSP_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/14/2023 15:43	62604 ENGL_T1	0	0	0	0	0	0	-0.79	-0.84	2	2	0	1200	1200	0
11/14/2023 15:45	65001 NEFF_T2	6	0	-6	0.1	0	-0.1	-0.72	-0.64	1	1	0	1200	1200	0
11/14/2023 15:46	45003 LIME_2	2	2	0	2.45	2.4	-0.05	0	0	1	1	0	1200	1200	0
11/14/2023 15:48	62601 ENGL_T1	0	1	1	0	0	0	0	0	0	0	0	0	0	0
11/14/2023 15:51	50505 MECH_T1	7	68	61	0.1	0.15	0.05	0	0	0	0	0	0	0	0
11/14/2023 15:52	54001 SDLE_T1	7	7	0	0.66	0.71	0.05	0	0	0	0	0	0	0	0
11/14/2023 15:54	51306 WIND_T2	0	0	0	0	0	0	0.03	0	0	0	0	0	0	0
11/14/2023 15:58	45001 LIME_2	2	3	1	0.1	0.1	0	0	0	0	0	0	0	0	0
11/14/2023 15:58	54001 SDLE_T1	7	7	0	0.66	0.71	0.05	0	0	0	0	0	0	0	0
11/14/2023 15:59	54001 SDLE_T1	7	7	0	0.66	0.71	0.05	0	0	0	0	0	0	0	0
11/14/2023 16:01	52502 PROG_T2	0	1	1	0	6.2	6.2	-0.79	-0.77	1	1	0	900	900	0
11/14/2023 16:05	15604 NSTR_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/14/2023 16:07	59101 WALK_T2	1	1	0	0	0	0	1.6	2.1	0	0	0	0	0	0
11/14/2023 16:10	46001 BERW_T1	0	12	12	0	0.11	0.11	1.01	0.94	0	0	0	0	0	0
11/14/2023 16:13	46001 BERW_T1	0	12	12	0	0.11	0.11	0.94	0.95	0	0	0	0	0	0
11/14/2023 16:17	59301 MCAL_T1	2	2	0	1.5	1.5	0	-1.12	-1.21	0	0	0	0	0	0
11/14/2023 16:21	59101 WALK_T2	1	1	0	0	0	0	2.1	2.11	0	0	0	0	0	0
11/14/2023 16:23	59101 WALK_T2	1	1	0	0	0	0	2.1	2.11	0	0	0	0	0	0
11/14/2023 16:24	59101 WALK_T2	1	1	0	0	0	0	2.1	2.11	0	0	0	0	0	0
11/14/2023 16:26	46203 DANV_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/14/2023 16:28	40101 HUNT_T2	2	0	-2	0.4	0	-0.4	-0.73	-0.72	0	0	0	0	0	0
11/14/2023 16:28	46203 DANV_T2	0	0	0	0	0	0	-1.48	-1.46	0	0	0	0	0	0
11/14/2023 16:29	52403 GRPA_T2	1	0	-1	0.1	0	-0.1	0.03	0.03	0	0	0	0	0	0
11/14/2023 16:30	58401 MORO_T1	0	0	0	0	0	0	-0.98	-0.93	1	1	0	600	600	0
11/14/2023 16:52	45901 AUBU_T1	0	0	0	0	0	0	1.85	1.82	0	0	0	0	0	0
11/14/2023 16:54	45901 AUBU_T1	0	0	0	0	0	0	1.85	1.82	0	0	0	0	0	0
11/14/2023 16:55	45901 AUBU_T1	0	0	0	0	0	0	1.85	1.82	0	0	0	0	0	0
11/14/2023 17:06	59101 WALK_T2	1	1	0	0	0	0	1.48	1.41	0	0	0	0	0	0
11/14/2023 17:24	63305 GREE_T1	0	0	0	0	0	0	-1.14	-1.11	0	0	0	0	0	0
11/14/2023 17:30	63305 GREE_T1	0	0	0	0	0	0	-1.11	-1.2	0	0	0	0	0	0
11/14/2023 17:48	63305 GREE_T1	0	0	0	0	0	0	-1.2	-1.22	0	0	0	0	0	0
11/14/2023 17:52	43001 ALWD_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/14/2023 18:19	65001 NEFF_T2	0	0	0	0	0	0	-0.87	-0.79	1	1	0	1200	1200	0
11/14/2023 18:37	26401 INOR_T1	0	0	0	0	0	0	0.35	0.45	0	0	0	0	0	0
11/14/2023 18:40	26401 INOR_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/14/2023 18:42	62607 ENGL_T1	0	0	0	0	0	0	0.28	0.29	1	1	0	300	300	0
11/14/2023 18:42	26402 INOR_T1	0	0	0	0	0	0	-1.12	-1.11	1	1	0	600	600	0
11/14/2023 18:44	29402 BELT_T1	1	1	0	7.4	8.5	1.1	0	0	0	0	0	0	0	0
11/14/2023 18:45	48901 FOSP_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/14/2023 18:45	26402 INOR_T1	0	0	0	0	0	0	-1.12	-1.11	1	1	0	600	600	0
11/14/2023 18:45	65001 NEFF_T2	0	0	0	0	0	0	-0.69	-0.79	1	1	0	1200	1200	0
11/14/2023 18:45	16302 ALPA_T2	0	0	0	0	0	0	0.64	0.63	0	0	0	0	0	0
11/14/2023 18:45	10805 CHHI_T2	1	7	6	8.2	1.61	-6.59	-0.79	-0.84	1	1	0	600	600	0
11/14/2023 18:45	13901 SEID_T1	0	0	0	0	0	0	0.21	0.22	0	0	0	0	0	0
11/14/2023 18:46	67502 WEWI_T2	0	7	7	0	0.14	0.14	-0.44	-0.47	0	0	0	0	0	0
11/14/2023 18:46	13302 ORVI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/14/2023 18:46	16302 ALPA_T2	0	0	0	0	0	0	0.64	0.63	0	0	0	0	0	0
11/14/2023 18:46	16301 ALPA_T1	1	1	0	0.2	0.3	0.1	-0.46	-0.44	0	0	0	0	0	0
11/14/2023 18:47	67002 STHI_T2	2	52	50	0.1	0.13	0.03	0.58	0.58	0	0	0	0	0	0
11/14/2023 18:47	29401 BELT_T1	63	45	-18	0.31	0.21	-0.1	0	0	0	0	0	0	0	0
11/14/2023 18:47	16301 ALPA_T1	1	1	0	0.2	0.3	0.1	-0.46	-0.44	0	0	0	0	0	0
11/14/2023 18:47	61801 EELI_T2	2	2	0	0.65	0.9	0.25	-1	-1	1	1	0	600	600	0
11/14/2023 18:47	12701 MACU_T1	1	0	-1	0.1	0	-0.1	0.09	0.1	0	0	0	0	0	0
11/14/2023 18:47	45902 AUBU_T1	0	0	0	0	0	0	-0.9	-0.85	1	1	0	600	600	0
11/14/2023 18:48	13302 ORVI_T2	1	2	1	0.1	0.1	0	1	0.99	0	0	0	0	0	0
11/14/2023 18:48	66503 SMAN_T2	222	236	14	0.49	0.57	0.08	0	0	0	0	0	0	0	0
11/14/2023 18:48	15604 NSTR_T1	0	1	1	0	0	0	0	0	0	0	0	0	0	0
11/14/2023 18:48	45902 AUBU_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/14/2023 18:49	16301 ALPA_T1	1	1	0	0.2	0.3	0.1	-0.46	-0.44	0	0	0	0	0	0
11/14/2023 18:49	64101 REFR_T1	0	0	0	0	0	0	-0.12	-0.09	0	0	0	0	0	0
11/14/2023 18:49	16302 ALPA_T2	0	0	0	0	0	0	0.64	0.63	0	0	0	0	0	0
11/14/2023 18:49	45901 AUBU_T1	0	0	0	0	0	0	1.77	1.77	0	0	0	0	0	0
11/14/2023 18:49	59101 WALK_T2	1	1	0	0	0	0	1.56	1.51	0	0	0	0	0	0
11/14/2023 18:49	27502 WEIS_T2	0	0	0	0	0	0	-0.58	-0.5	0	0	0	0	0	0
11/14/2023 18:50	45902 AUBU_T1	0	0	0	0	0	0	-1.8	-1.71	2	2	0	1200	1200	0
11/14/2023 18:50	50502 MECH_T1	1	1	0	2.6	2.8	0.2	0	0	0	0	0	0	0	0
11/14/2023 18:50	56802 BENV_T2	3	2	-1	0.17	0.25	0.08	-2.8	-2.76	0	0	0	0	0	0
11/14/2023 18:50	54502 ENOL_T2	0	1	1	0	0	0	0	0	0	0	0	0	0	0
11/14/2023 18:50	50701 SMEC_T1	0	0	0	0	0	0	0.09	-0.01	0	0	0	0	0	0
11/14/2023 18:50	67001 STHI_T2	195	437	242	0.15	0.19	0.04	0	0	0	0	0	0	0	0
11/14/2023 18:50	45301 WBER_T2	0	1	1	0	0	0	0	0	0	0	0	0	0	0
11/14/2023 18:50	48901 FOSP_T2	0	0	0	0	0	0	-0.42	-0.43	1	1	0	600	600	0
11/14/2023 18:50	67502 WEWI_T2	0	7	7	0	0.14	0.14	0	0	0	0	0	0	0	0
11/14/2023 18:50	29401 BELT_T1	63	45	-18	0.31	0.21	-0.1	0	0	1	1	0	900	900	0
11/14/2023 18:50	47104 MARL_T1	1	0	-1	0.3	0	-0.3	0	0	0	0	0	0	0	0
11/14/2023 18:50	13302 ORVI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/14/2023 18:50	51302 WIND_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/14/2023 18:50	55002 NEWP_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/14/2023 18:51	45902 AUBU_T1	0	0	0	0	0	0	-0.9	-0.85	1	1	0	600	600	0
11/14/2023 18:51	44802 EDAN_T2	0	0	0	0	0	0	-1	-0.94	0	0	0	0	0	0
11/14/2023 18:51	28403 HART_T2	0	0	0	0	0	0	-0.66	-0.64	1	1	0	900	900	0
11/14/2023 18:51	54001 SDLE_T1	1	1	0	1	0.5	-0.5	0	0	0	0	0	0	0	0
11/14/2023 18:51	63305 GREE_T1	0	0	0	0	0	0	-1.25	-1.32	0	0	0	0	0	0
11/14/2023 18:51	52403 GRPA_T2	1	2	1	0.3	0.1	-0.2	-0.06	-0.06	0	0	0	0	0	0
11/14/2023 18:51	67001 STHI_T2	195	437	242	0.15	0.19	0.04	0.09	0.09	0	0	0	0	0	0
11/14/2023 18:51	14403 SSLA_T1	0	0	0	0	0	0	0.69	0.69	0	0	0	0	0	0
11/14/2023 18:51	51306 WIND_T2	0	0	0	0	0	0	0.11	0.1	0	0	0	0	0	0
11/14/2023 18:51	64101 REFR_T1	0	0	0	0	0	0	-0.12	-0.09	0	0	0	0	0	0
11/14/2023 18:51	42902 MIDD_T2	0	1	1	0	0.1	0.1	-0.53	-0.46	0	0	0	0	0	0
11/14/2023 18:51	52502 PROG_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/14/2023 18:51	29401 BELT_T1	63	45	-18	0.31	0.21	-0.1	0	0	1	1	0	900	900	0
11/14/2023 18:51	50501 MECH_T1	4	4	0	1.33	1.35	0.02	0	0	0	0	0	0	0	0
11/14/2023 18:51	47104 MARL_T1	1	0	-1	0.3	0	-0.3	0	0	0	0	0	0	0	0
11/14/2023 18:51	40201 BEGA_T2	2	3	1	0.6	0.55	-0.05	0	0	0	0	0	0	0	0
11/14/2023 18:51	57401 SPAN_T1	2	2	0	0.6	0.95	0.35	-0.4	-0.48	2	2	0	1200	1200	0
11/14/2023 18:51	58401 MORO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/14/2023 18:51	52202 DEVO_T2	0	0	0	0	0	0	-0.12	-0.15	0	0	0	0	0	0
11/14/2023 18:51	67502 WEWI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/14/2023 18:52	61801 EELI_T2	2	2	0	0.65	0.9	0.25	-1	-1	1	1	0	600	600	0
11/14/2023 18:52	67504 WNHO_T1	0	0	0	0	0	0	-2.17	-2.14	2	2	0	2100	2100	0
11/14/2023 18:52	57403 SPAN_T1	1	0	-1	0.6	0	-0.6	0.04	0.03	0	0	0	0	0	0
11/14/2023 18:52	45501 DERR_T2	0	0	0	0	0	0	0.93	1.19	4	4	0	3600	3600	0
11/14/2023 18:52	52002 LING_T2	0	1	1	0	0.1	0.1	0	0	0	0	0	0	0	0
11/14/2023 18:52	61303 EARL_T1	0	0	0	0	0	0	0.12	0.06	0	0	0	0	0	0
11/14/2023 18:52	46802 HEPB_T1	1	1	0	1.2	1.6	0.4	0	0	0	0	0	0	0	0
11/14/2023 18:52	60101 COCA_T1	0	0	0	0	0	0	0.26	0.29	0	0	0	0	0	0
11/14/2023 18:52	58402 MORO_T1	2	0	-2	0.45	0	-0.45	-0.82	-0.83	2	2	0	1500	1500	0
11/14/2023 18:52	53501 EVIL_T2	0	1	1	0	0.3	0.3	-0.75	-0.81	1	1	0	600	600	0
11/14/2023 18:52	52401 GRPA_T2	1	1	0	1.2	1	-0.2	0	0	0	0	0	0	0	0
11/14/2023 18:52	51301 WIND_T1	0	0	0	0	0	0	-0.32	-0.36	0	0	0	0	0	0
11/14/2023 18:52	65001 NEFF_T2	0	0	0	0	0	0	-0.69	-0.79	1	1	0	1200	1200	0
11/14/2023 18:53	67605 WARW_T1	0	0	0	0	0	0	-1.12	-1.13	0	0	0	0	0	0
11/14/2023 18:53	54206 PENN_T2	0	1	1	0	0.1	0.1	0	0	0	0	0	0	0	0
11/14/2023 18:53	10805 CHHI_T2	1	7	6	8.2	1.61	-6.59	-0.79	-0.84	1	1	0	600	600	0
11/14/2023 18:53	45902 AUBU_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/14/2023 18:53	67502 WEWI_T2	0	7	7	0	0.14	0.14	-0.88	-0.94	0	2	2	0	1800	1800
11/14/2023 18:53	42701 AUGU_T1	0	0	0	0	0	0	0	0	2	2	0	1800	1800	0
11/14/2023 18:53	46206 DANV_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/14/2023 18:53	12701 MACU_T1	1	0	-1	0.1	0	-0.1	0.09	0.1	0	0	0	0	0	0
11/14/2023 18:53	67001 STHI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/14/2023 18:53	60201 ATGL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/14/2023 18:53	59301 MCAL_T1	2	2	0	0.7	0.9	0.2	0	0	0	0	0	0	0	0
11/14/2023 18:53	58401 MORO_T1	0	0	0	0	0	0	-1.02	-0.99	1	1	0	600	600	0
11/14/2023 18:53	57401 SPAN_T1	2	2	0	0.6	0.95	0.35	-0.2	-0.24	1	1	0	600	600	0
11/14/2023 18:53	53903 HALI_T2	2	2	0	1.1	1.3	0.2	-0.17	-0.14	0	0	0	0	0	0
11/14/2023 18:53	64301 LINC_T1	0	0	0	0	0	0	0.23	0.23	0	0	0	0	0	0
11/14/2023 18:53	56501 ROCK_T2	1	1	0	0.6	0	-0.6	-0.19	-0.19	0	0	0	0	0	0
11/14/2023 18:53	42201 SHEN_T2	0	0	0	0	0	0	0.04	0.04	1	1	0	600	600	0
11/14/2023 18:53	63305 GREE_T1	0	0	0	0	0	0	-1.25	-1.32	0	0	0	0	0	0
11/14/2023 18:54	56802 BENV_T2	3	2	-1	0.17	0.25	0.08	-1.4	-1.38	0	0	0	0	0	0
11/14/2023 18:54	66504 SMAN_T2	1	2	1	0.3	0.6	0.3	-0.41	-0.41	0	0	0	0	0	0
11/14/2023 18:54	53501 EVIL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/14/2023 18:54	46203 DANV_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/14/2023 18:54	54502 ENOL_T2	0	1	1	0	0	0	0	0	0	0	0	0	0	0
11/14/2023 18:54	47101 MARL_T1	16	20	4	0.77	0.51	-0.26	-1.69	-1.68	1	1	0	600	600	0
11/14/2023 18:54	52502 PROG_T2	0	0	0	0	0	0	-0.73	-0.75	1	1	0	900	900	0
11/14/2023 18:54	29401 BELT_T1	63	45	-18	0.31	0.21	-0.1	0	0	1	0	-1

11/14/2023 18:56	52402 GRPA_T2	4	4	0	1.23	1.18	-0.05	0	0	0	0	0	0	0
11/14/2023 18:56	21606 EYNO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
11/14/2023 18:56	54501 ENOL_T2	0	0	0	0	0	0	0.1	0.1	0	0	0	0	0
11/14/2023 18:56	57401 SPAN_T1	2	2	0	0.6	0.95	0.35	-0.24	-0.21	1	1	0	600	600
11/14/2023 18:56	42903 MIDD_T2	2	2	0	1	1.4	0.4	0	0	0	0	0	0	0
11/14/2023 18:56	60902 DONG_T2	0	0	0	0	0	0	0.48	0.49	0	0	0	0	0
11/14/2023 18:56	43302 WATS_T2	2	0	-2	0.15	0	-0.15	0	0	0	0	0	0	0
11/14/2023 18:56	52502 PROG_T2	0	0	0	0	0	0	-0.75	-0.73	1	1	0	900	900
11/14/2023 18:56	67503 WEWI_T2	0	0	0	0	0	0	-0.17	-0.16	0	0	0	0	0
11/14/2023 18:56	53501 EVIL_T2	0	1	1	0	0.3	0.3	-0.81	-0.74	1	1	0	600	600
11/14/2023 18:56	67203 TEHI_T1	0	0	0	0	0	0	2.01	2.07	1	1	0	600	600
11/14/2023 18:56	45003 LIME_2	2	2	0	2.35	1.5	-0.85	0	0	2	2	0	2400	2400
11/14/2023 18:56	54505 ENOL_T2	1	1	0	0.3	0.5	0.2	0	0	0	0	0	0	0
11/14/2023 18:56	64801 MONE_T2	0	0	0	0	0	0	0.31	0.31	0	0	0	0	0
11/14/2023 18:56	40602 PIGR_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
11/14/2023 18:56	63305 GREE_T1	0	0	0	0	0	0	-1.32	-1.16	0	0	0	0	0
11/14/2023 18:56	42001 MNVL_T2	0	0	0	0	0	0	0.09	0.08	0	0	0	0	0
11/14/2023 18:56	45501 DERR_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
11/14/2023 18:56	66502 SMAN_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
11/14/2023 18:56	42701 AUGU_T1	0	0	0	0	0	0	0	0	2	2	0	1800	1800
11/14/2023 18:56	14403 SSLA_T1	0	0	0	0	0	0	0.69	0.71	0	0	0	0	0
11/14/2023 18:56	16302 ALPA_T2	0	0	0	0	0	0	0.63	0.63	0	0	0	0	0
11/14/2023 18:57	67502 WEWI_T2	0	7	7	0	0.14	0.14	-0.47	-1.36	0	1	1	0	900
11/14/2023 18:57	50505 MECH_T1	0	0	0	0	0	0	-0.89	-0.88	0	0	0	0	0
11/14/2023 18:57	58401 MORO_T1	0	0	0	0	0	0	-0.99	-0.99	1	1	0	600	600
11/14/2023 18:57	56802 BENV_T2	3	2	-1	0.17	0.25	0.08	-1.38	-1.39	0	0	0	0	0
11/14/2023 18:57	42902 MIDD_T2	0	1	1	0	0.1	0.1	0	0	0	0	0	0	0
11/14/2023 18:57	64101 REFR_T1	0	0	0	0	0	0	-0.09	-0.14	0	0	0	0	0
11/14/2023 18:57	40101 HUNT_T2	10	20	10	0.55	0.33	-0.22	-0.99	-1.06	1	1	0	300	300
11/14/2023 18:57	45303 WBER_T2	1	0	-1	0.2	0	-0.2	0	0	0	0	0	0	0
11/14/2023 18:57	66501 SMAN_T2	1	1	0	0.3	0.4	0.1	0	0	0	0	0	0	0
11/14/2023 18:57	58401 MORO_T1	0	0	0	0	0	0	-0.99	-0.99	1	1	0	600	600
11/14/2023 18:57	52202 DEVO_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
11/14/2023 18:57	50501 MECH_T1	4	4	0	1.33	1.35	0.02	0	0	0	0	0	0	0
11/14/2023 18:57	42201 SHEN_T2	0	0	0	0	0	0	0.04	0.02	1	1	0	600	600
11/14/2023 18:57	51604 DUKE_T2	7	20	13	0.11	0.15	0.04	-1.75	-1.75	1	1	0	900	900
11/14/2023 18:57	45501 DERR_T2	0	0	0	0	0	0	0.6	0.64	2	2	0	1800	1800
11/14/2023 18:57	58302 NOTT_T1	0	0	0	0	0	0	-0.6	-0.67	1	1	0	1200	1200
11/14/2023 18:57	40201 BEGA_T2	2	3	1	0.6	0.55	-0.05	0	0	0	0	0	0	0
11/14/2023 18:57	43304 WATS_T2	0	0	0	0	0	0	-0.38	-0.44	0	0	0	0	0
11/14/2023 18:57	45802 HEGI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
11/14/2023 18:57	54502 ENOL_T2	0	1	1	0	0	0	0	0	0	0	0	0	0
11/14/2023 18:57	46802 HEPB_T1	1	1	0	1.2	1.6	0.4	-1.19	-1.17	0	0	0	0	0
11/14/2023 18:57	51301 WIND_T1	0	0	0	0	0	0	-0.36	-0.36	0	0	0	0	0
11/14/2023 18:57	57403 SPAN_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
11/14/2023 18:58	64101 REFR_T1	0	0	0	0	0	0	-0.09	-0.14	0	0	0	0	0
11/14/2023 18:58	54701 NEBL_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
11/14/2023 18:58	42903 MIDD_T2	2	2	0	1	1.4	0.4	0	0	0	0	0	0	0
11/14/2023 18:58	57401 SPAN_T1	2	2	0	0.6	0.95	0.35	-0.24	-0.21	1	1	0	600	600
11/14/2023 18:58	43402 BENT_T1	4	0	-4	0.6	0	-0.6	-1.5	-1.52	2	2	0	1500	1500
11/14/2023 18:58	42701 AUGU_T1	0	0	0	0	0	0	0	0	2	2	0	1800	1800
11/14/2023 18:58	54502 ENOL_T2	0	1	1	0	0	0	-1.34	-1.32	0	0	0	0	0
11/14/2023 18:58	47104 MARL_T1	1	0	-1	0.3	0	-0.3	0	0	0	0	0	0	0
11/14/2023 18:58	43301 WATS_T2	0	0	0	0	0	0	-0.64	-0.62	1	1	0	900	900
11/14/2023 18:58	54001 SDLE_T1	1	1	0	1	0.5	-0.5	0	0	0	0	0	0	0
11/14/2023 18:58	54502 ENOL_T2	0	1	1	0	0	0	-1.34	-1.32	0	0	0	0	0
11/14/2023 18:58	43302 WATS_T2	2	0	-2	0.15	0	-0.15	-1.57	-1.57	4	4	0	3600	3600
11/14/2023 18:58	52402 GRPA_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
11/14/2023 18:58	46903 MNTG_T2	9	38	29	0.12	0.15	0.03	0	0	0	0	0	0	0
11/14/2023 18:58	12202 FOGE_T2	0	0	0	0	0	0	0	0	1	1	0	600	600
11/14/2023 18:58	50506 MECH_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
11/14/2023 18:58	67001 STHI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
11/14/2023 18:58	67201 TEHI_T1	0	0	0	0	0	0	0.24	0.25	1	1	0	900	900
11/14/2023 18:58	48901 FOSP_T2	0	0	0	0	0	0	-0.43	-0.44	1	1	0	600	600
11/14/2023 18:58	21901 HUMB_T1	0	0	0	0	0	0	-0.82	-0.8	0	0	0	0	0
11/14/2023 18:58	46203 DANV_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
11/14/2023 18:58	43201 MVIL_T2	0	0	0	0	0	0	-1.31	-1.3	0	0	0	0	0
11/14/2023 18:58	52502 PROG_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
11/14/2023 18:58	64802 MONE_T2	0	0	0	0	0	0	-0.07	-0.06	0	0	0	0	0
11/14/2023 18:58	45402 WBLO_T2	0	1	1	0	0.9	0.9	0	0	0	0	0	0	0
11/14/2023 18:58	51306 WIND_T2	0	0	0	0	0	0	0.1	0.09	0	0	0	0	0
11/14/2023 18:58	46001 BERW_T1	0	0	0	0	0	0	0.9	0.91	0	0	0	0	0
11/14/2023 18:59	54502 ENOL_T2	0	1	1	0	0	0	0	0	0	0	0	0	0
11/14/2023 18:59	54701 NEBL_T1	1	0	-1	0.1	0	-0.1	0	0	1	1	0	600	600
11/14/2023 18:59	46004 BERW_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
11/14/2023 18:59	60604 NCOL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
11/14/2023 18:59	56501 ROCK_T2	1	1	0	0.6	0	-0.6	0	0	0	1	0	0	0
11/14/2023 18:59	41901 REED_T1	3	4	1	0.5	0.4	-0.1	-1.39	-1.39	1	1	0	900	900
11/14/2023 18:59	41801 GOCI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
11/14/2023 18:59	57401 SPAN_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
11/14/2023 18:59	59101 WALK_T2	1	1	0	0	0	0	1.51	1.58	0	0	0	0	0
11/14/2023 18:59	64101 REFR_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
11/14/2023 18:59	12701 MACU_T1	1	0	-1	0.1	0	-0.1	0.1	0.1	0	0	0	0	0
11/14/2023 18:59	43001 ALWD_T1	0	1	1	0	0	0	0	0	0	0	0	0	0
11/14/2023 18:59	45902 AUBU_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
11/14/2023 18:59	41901 REED_T1	3	4	1	0.5	0.4	-0.1	-1.39	-1.39	1	1	0	900	900
11/14/2023 18:59	45003 LIME_2	2	2	0	2.35	1.5	-0.85	0	0	1	1	0	1200	1200
11/14/2023 19:00	41902 REED_T1	3	6	3	0.33	0.15	-0.18	1.08	1.04	0	0	0	0	0
11/14/2023 19:00	45501 DERR_T2	0	1	1	0	0	0	0.6	0.64	2	2	0	1800	1800
11/14/2023 19:00	43304 WATS_T2	0	0	0	0	0	0	-0.19	-0.22	0	0	0	0	0
11/14/2023 19:00	46801 HEPB_T2	0	0	0	0	0	0	0.6	0.57	0	0	0	0	0
11/14/2023 19:00	46903 MNTG_T2	0	38	38	0	0.15	0.15	0	0	0	0	0	0	0
11/14/2023 19:00	66505 SMAN_T2	0	3	3	0	0.8	0.8	0	0	0	0	0	0	0
11/14/2023 19:00	57401 SPAN_T1	2	2	0	0.95	0.85	-0.1	-0.24	-0.21	1	1	0	600	600
11/14/2023 19:00	52502 PROG_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
11/14/2023 19:00	61303 EARL_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
11/14/2023 19:00	64101 REFR_T1	0	0	0	0	0	0	-0.09	-0.14	0	0	0	0	0
11/14/2023 19:00	56501 ROCK_T2	1	0	-1	0.6	0	-0.6	-0.19	-0.15	0	0	0	0	0
11/14/2023 19:00	45802 HEGI_T2	0	0	0	0	0	0	0.67	0.68	0	0	0	0	0
11/14/2023 19:00	44801 EDAN_T2	1	1	0	1.5	1	-0.5	0	0	0	0	0	0	0
11/14/2023 19:00	49803 UNIV_T1	0	0	0	0	0	0	-1.14	-1.15	0	0	0	0	0
11/14/2023 19:00	54504 ENOL_T2	0	0	0	0	0	0	-1.07	-1.07	1	1	0	600	600
11/14/2023 19:00	58401 MORO_T1	0	0	0	0	0	0	-0.99	-0.99	1	1	0	600	600
11/14/2023 19:00	56802 BENV_T2	2	2	0	0.2	0.4	0.2	-5.52	-5.56	0	0	0	0	0
11/14/2023 19:00	45402 WBLO_T2	1	1	0	0.5	0.9	0.4	-0.55	-0.65	0	0	0	0	0
11/14/2023 19:00	51306 WIND_T2	0	0	0	0	0	0	0.1	0.09	0	0	0	0	0
11/14/2023 19:00	55002 NEWP_T1	3	2	-1	0.93	0.55	-0.38	-0.25	-0.26	0	0	0	0	0
11/14/2023 19:00	43304 WATS_T2	0	0	0	0	0	0	-0.19	-0.22	0	0	0	0	0
11/14/2023 19:01	58401 MORO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
11/14/2023 19:01	43402 BENT_T1	0	3	3	0	0	0	-1.5	-1.52	2	2	0	1500	1500
11/14/2023 19:01	20403 ASHF_T2	0	0	0	0	0	0	0.34	0.35	0	0	0	0	0
11/14/2023 19:01	57401 SPAN_T1	2	2	0	0.95	0.85	-0.1	0	0	0	0	0	0	0
11/14/2023 19:01	54503 ENOL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
11/14/2023 19:01	43202 MVIL_T2	0	0	0	0	0	0	-0.66	-0.64	0	0	0	0	0
11/14/2023 19:01	52502 PROG_T2	0	0	0	0	0	0	-0.75	-0.73	1	1	0	900	900
11/14/2023 19:01	53501 EVIL_T2	1	1	0	0.3	0.2	-0.1	-0.81	-0.74	1	1	0	600	600
11/14/2023 19:01	46001 BERW_T1	0	0	0	0	0	0	0.9	0.91	0	0	0	0	0
11/14/2023 19:01	45702 LIND_T2	1	1	0	1.8	1.6	-0.2	-0.59	-0.6	0	0	0	0	0
11/14/2023 19:01	64101 REFR_T1	0	0	0	0	0	0	-0.09	-0.14	0	0	0	0	0
11/14/2023 19:01	51604 DUKE_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
11/14/2023 19:01	66703 STRA_T1	3	7	4	0.17	0.54	0.37	-0.34	-0.3	0	0	0	0	0
11/14/2023 19:01	64802 MONE_T2	0	0	0	0	0	0	-0.07	-0.06	0	0	0	0	0
11/14/2023 19:01	40902 JESH_T1	0	0	0	0	0	0	-0.64	-0.62	0	0	0	0	0
11/14/2023 19:01	63305 GREE_T1	0	0	0	0	0	0	-1.32	-1.16	0	0	0	0	0
11/14/2023 19:01	50506 MECH_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
11/14/2023 19:01	52202 DEVO_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
11/14/2023 19:01	40201 BEGA_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
11/14/2023 19:02	52502 PROG_T2	0	0	0	0	0	0	-0.75	-0.73	1	1	0	900	900
11/14/2023 19:02	54001 SDLE_T1	1	1	0	0.5	1.2	0.7	0	0	0	0	0	0	0
11/14/2023 19:02	54505 ENOL_T2	1	1	0	0.5	0.5	0	0	0	0	0	0	0	0
11/14/2023 19:02	13105 NHAM_T2	0	0	0	0	0	0	-0.32	-0.31	1	1	0	1200	1200
11/14/2023 19:02	52403 GRPA_T2	0	6	6	0	0.13	0.13	-0.06	-0.05	0	0	0	0	0
11/14/2023 19:02	64101 REFR_T1	0	0	0	0	0	0	-0.09	-0.14	0	0	0	0	0
11/14/2023 19:02	52501 PROG_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
11/14/2023 19:02	54505 ENOL_T2	1	1	0	0.5	0.5	0	0	0	0	0	0	0	0
11/14/2023 19:02	51301 WIND_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
11/14/2023 19:02	56802 BENV_T2	2	2	0	0.2	0.4	0.2	-1.38	-1.39	0	0	0	0	0
11/14/2023 19:02	57401 SPAN_T1	2	2	0	0.95	0.85	-0.1	-0.24	-0.21	1	1	0	600	600
11/14/2023 19:02	43304 WATS_T2	0	0	0	0	0	0	-0.19	-0.22	0	0	0	0	0
11/14/2023 19:02	64303 LINC_T1	0	0	0	0	0	0	-0.23	-0.24	0	0	0	0	0
11/14/2023 19:02	12701 MACU_T1	0	0	0	0	0	0	0.1	0.1	0	0	0	0	0
11/14/2023 19:02	50701 SMEC_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
11/14/2023 19:02	58401 MORO_T1	0	0	0	0	0	0	-1.98	-1.98	2	2	0	1200	1200
11/14/2023 19:02	45003 LIME_2	2	2	0	1.65	1.65	0	0	0	1	1	0	1200	1200
11/14/2023 19:02	40602 PIGR_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
11/14/2023 19:03	54505 ENOL_T2	1	1	0	0.5	0.5	0	0	0	0	0	0	0	0
11/14/2023 19:03	54206 PENN_T2	0	1	1	0	0.1	0.1	0	0	0	0	0	0	0
11/14/2023 19:03	57403 SPAN_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
11/14/2023 19:03	51301 WIND_T1	0	0	0	0	0	0	-0.36	-0.36	0	0	0	0	0
11/14/2023 19:03	43304 WATS_T2	0	0	0	0	0	0	-0.19	-0.22	0	0	0	0	0
11/14/2023 19:03	52401 GRPA_T2	1	1	0	1	0	-1	0	0	0	0	0	0	0
11/14/2023 19:03	53903 HAU_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
11/14/2023 19:03	56802 BENV_T2	2	2	0	0.2	0.4	0.2	-1.38	-1.39	0	0	0	0	0
11/14/2023 19:03	60101 COCA_T1	0	0	0	0	0	0	0.29	0.28	0	0	0	0	0
11/14/2023 19:03	46203 DANV_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
11/14/2023 19:03	52502 PROG_T2	0	0	0	0	0	0	-0.75	-0.73	1	1	0	900	900
11/14/2023 19:04	54505 ENOL_T2	1	1	0	0.5	0.5	0	0	0	0	0	0	0	0
11/14/2023 19:04	60902 DONG_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
11/14/2023 19:04	55105 WERT_T1	0	0	0	0	0	0	-0.69	-0.69	1	1	0	900	900
11/14/2023 19:04	42903 MIDD_T2	2	2	0	1.4	1.3	-0.1	0	0	0	0	0	0	0
11/14/2023 19:05	52502 PROG_T2	0	0	0	0	0	0	-0.75	-0.73	1	1	0	900	900
11/14/2023 19:05	45501 DERR_T2	0	1	1	0	0	0	0.6	0.64	2	2	0	1800	1800
11/14/2023 19:06	51306 WIND_T2	0	0	0	0	0	0	0.1	0.09	0	0	0	0	0
11/14/2023 19:06	52502 PROG_T2	0	0	0	0	0	0	-0.75	-0.73	1	1	0	900	900
11/14/2023 19:07	51201 MTON_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
11/14/2023 19:07	50505 MECH_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
11/14/2023 19:07	53901 HAU_T2	2	1	-1	0.3	0.2	-0.1	0	0	0	0	0	0	0
11/14/2023 19:10	43402 BENT_T1	0	3	3	0	0	0	-1.5	-1.52	2	2	0	1500	1500
11/14/2023 19:13	51301 WIND_T1	0	0	0	0	0	0	-0.36	0.28	0	0	0	0	0
11/14/2023 19:17	52502 PROG_T2	0	0	0	0	0	0	-0.73	-0.72	1	1	0	900	900
11/14/2023 19:18	52502 PROG_T2	0	0	0	0	0	0	-0.73	-0.72	1	1	0	900	900
11/14/2023 19:29	43402 BENT_T1	0	5	5	0	0	0	-1.5	-0.89	2	2	0	1500	1500
11/14/2023 19:33	63305 GREE_T1	0	0	0	0	0	0	-1.29	-1.22	0	0	0	0	0
11/14/2023 19:44	66901 SHIL_T2	100	120	20	0.18	0.17	-0.01	-1.74	-1.75	1	1	0	1200	1200
11/14/2023 19:52	54505 ENOL_T2	1	1	0	0.5	0.8	0.3	-1.29	-1.29	1	1	0	600	600
11/14/2023 19:59	63305 GREE_T1	0	2	2	0	0.1	0.1	-1.24	-1.41	0	0	0	0	0
11/14/2023 20:10	43402 BENT_T1	5	1	-4	0.52	0.4	-0.12	-0.89	-1.51	2	1	-1	1500	900
11/14/2023 20:29	43402 BENT_T1	1	1	0	0.4	0	-0.4	-0.88	-1.51	2	1	-1	900	1500
11/14/2023 21:30	43402 BENT_T1	0	0	0	0	0	0	-0.88	-1.51	2	2	0	1500	1500
11/15/2023 0:28	65001 NEFF_T2	2	1	-1	0.1	0.1	0	0	0	0	0	0	0	0
11/15/2023 0:28	57401 SPAN_T1	0	0	0	0	0	0	-0.76	-0.72	2	2	0	1200	1200
11/15/2023 0:28	59101 WALK_T2	1	1	0	0	0	0	2.82	2.68	0	0	0	0	0
11/15/2023 0:28	52403 GRPA_T2	0	0	0	0	0	0	-0.03	-0.04	0	0	0	0	0
11/15/2023 0:28	45901 AUBU_T1	0	0	0	0	0	0	1.62	1.72	0	0	0	0	0
11/15/2023 0:28	61801 EELI_T2	2	1	-1	0.7	0.7	0	-1.02	-1.01	1	1	0	600	600
11/15/2023 0:28	66504 SMAN_T2	1	1	0	0.2	0.3	0.1	0	0	0	0	0	0	0
11/15/2023 0:28	67503 WEWI_T2	1	2	1	0.3	0.2	-0.1	-0.42	-0.42	0	0	0	0	0
11/15/2023 0:28	46203 DANV_T2	0	0	0	0	0	0	-1.43	-1.42	0	0	0	0	0
11/15/2023 0:28	51302 WIND_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
11/15/2023 0:28	54202 PENN_T2	0	0	0	0	0	0

Appendix C - Grid Benefits Achieved in Each Instance of Active Management

11/15/2023 8:17	54701 NEBL_T1	0	0	0	0	0	0	0	0	1	1	0	600	600	0
11/15/2023 8:18	54701 NEBL_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/15/2023 8:23	49803 UNIV_T1	0	0	0	0	0	0	-1.02	-1.02	0	0	0	0	0	0
11/15/2023 8:29	54505 ENOL_T2	1	1	0	0.5	0.4	-0.1	0	0	0	0	0	0	0	0
11/15/2023 8:29	43402 BENT_T1	0	0	0	0	0	0	-1.45	-1.53	1	2	1	900	1500	600
11/15/2023 8:30	52403 GRPA_T2	2	1	-1	0.3	0	-0.3	0	0	0	0	0	0	0	0
11/15/2023 8:46	40101 HUNT_T2	161	181	20	0.79	0.56	-0.23	-0.33	-0.28	0	0	0	0	0	0
11/15/2023 8:47	58402 MORO_T1	0	0	0	0	0	0	-3.93	-4.01	6	6	0	4800	4800	0
11/15/2023 9:00	49804 UNIV_T1	0	2	2	0	0.25	0.25	0	0	0	0	0	0	0	0
11/15/2023 9:00	51604 DUKE_T2	2	3	1	0.3	0.27	-0.03	-1.66	-1.68	1	1	0	900	900	0
11/15/2023 9:00	43402 BENT_T1	0	0	0	0	0	0	-1.53	-1.52	1	2	1	900	1500	600
11/15/2023 9:00	52503 PROG_T2	0	0	0	0	0	0	-0.64	-0.63	1	1	0	900	900	0
11/15/2023 9:00	53902 HAU_T2	0	1	1	0	0	0	0	0	0	0	0	0	0	0
11/15/2023 9:00	56801 BENV_T1	19	43	24	0.86	0.68	-0.18	-0.69	-0.71	1	1	0	600	600	0
11/15/2023 9:00	54502 ENOL_T2	1	1	0	0.2	0.2	0	-2.07	-2.03	1	1	0	600	600	0
11/15/2023 9:00	56504 ROCK_T2	0	0	0	0	0	0	-0.15	-0.04	0	0	0	0	0	0
11/15/2023 9:00	64802 MONE_T2	0	1	1	0	0.1	0.1	0.16	0.21	0	0	0	0	0	0
11/15/2023 9:00	43001 ALWD_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/15/2023 9:00	58402 MORO_T1	0	0	0	0	0	0	-2.01	-2	3	3	0	2400	2400	0
11/15/2023 9:01	64802 MONE_T2	0	1	1	0	0.1	0.1	0.16	0.21	0	0	0	0	0	0
11/15/2023 9:05	54502 ENOL_T2	1	1	0	0.2	0.2	0	-2.07	-2.03	1	1	0	600	600	0
11/15/2023 9:06	20401 ASHF_T2	0	1	1	0	0	0	0	0	0	0	0	0	0	0
11/15/2023 9:07	67502 WEWI_T2	0	1	1	0	0	0	0	0	0	0	0	0	0	0
11/15/2023 9:07	56802 BENV_T2	157	256	99	0.37	0.49	0.12	-1.31	-1.33	0	0	0	0	0	0
11/15/2023 9:08	45501 DERR_T2	0	0	0	0	0	0	0.54	0.51	2	2	0	1800	1800	0
11/15/2023 9:09	59102 WALK_T2	6	11	5	0.37	0.33	-0.04	0	0	0	0	0	0	0	0
11/15/2023 9:09	43402 BENT_T1	0	0	0	0	0	0	-3.06	-3.04	4	4	0	3000	3000	0
11/15/2023 9:10	43001 ALWD_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/15/2023 9:15	54701 NEBL_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/15/2023 9:17	42902 MIDD_T2	0	1	1	0	0.1	0.1	-0.37	-0.2	2	2	0	1200	1200	0
11/15/2023 9:18	58402 MORO_T1	0	0	0	0	0	0	-4	-3.97	6	6	0	4800	4800	0
11/15/2023 9:20	54701 NEBL_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/15/2023 9:23	45902 AUBU_T1	1	4	3	0.3	0.5	0.2	-0.29	-0.38	1	1	0	600	600	0
11/15/2023 9:24	46203 DANV_T2	0	5	5	0	0.44	0.44	0	0	0	0	0	0	0	0
11/15/2023 9:25	45902 AUBU_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/15/2023 9:26	29402 BELT_T1	2	4	2	4	2.53	-1.47	0	0	0	0	0	0	0	0
11/15/2023 9:27	41801 GOCI_T2	1	1	0	0.2	0.1	-0.1	0	0	0	0	0	0	0	0
11/15/2023 9:27	46203 DANV_T2	0	5	5	0	0.44	0.44	-2.59	-2.65	0	0	0	0	0	0
11/15/2023 9:28	52401 GRPA_T2	1	1	0	0.3	0.8	0.5	0	0	0	0	0	0	0	0
11/15/2023 9:29	54502 ENOL_T2	1	1	0	0.2	0.2	0	-2.04	-2	1	1	0	600	600	0
11/15/2023 9:31	41801 GOCI_T2	0	1	1	0	0.5	0.5	0	0	0	0	0	0	0	0
11/15/2023 9:34	43304 WATS_T2	4	1	-3	0.88	0	-0.88	-0.19	-0.25	0	0	0	0	0	0
11/15/2023 9:37	56802 BENV_T2	240	299	59	0.51	0.49	-0.02	-2.46	-2.56	0	0	0	0	0	0
11/15/2023 9:37	43302 WATS_T2	0	4	4	0	0.18	0.18	0	0	0	0	0	0	0	0
11/15/2023 9:37	45901 AUBU_T1	0	0	0	0	0	0	1.83	1.82	0	0	0	0	0	0
11/15/2023 9:38	43302 WATS_T2	0	4	4	0	0.18	0.18	0	0	0	0	0	0	0	0
11/15/2023 9:38	56802 BENV_T2	240	299	59	0.51	0.49	-0.02	-1.23	-1.28	0	0	0	0	0	0
11/15/2023 9:40	43301 WATS_T2	1	1	0	0.4	0.6	0.2	0	0	0	0	0	0	0	0
11/15/2023 9:41	56802 BENV_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/15/2023 9:42	54504 ENOL_T2	0	0	0	0	0	0	-1.03	-1.05	1	1	0	600	600	0
11/15/2023 9:42	56802 BENV_T2	240	299	59	0.51	0.49	-0.02	-1.28	-1.27	0	0	0	0	0	0
11/15/2023 9:43	54505 ENOL_T2	1	1	0	0.6	0.8	0.2	0	0	0	0	0	0	0	0
11/15/2023 9:44	54501 ENOL_T2	0	0	0	0	0	0	0.55	0.13	1	0	-1	600	0	-600
11/15/2023 9:46	26401 INOR_T1	0	1	1	0	0.1	0.1	0.55	0.61	0	0	0	0	0	0
11/15/2023 9:48	67001 STHI_T2	273	407	134	0.13	0.17	0.04	0	0	0	0	0	0	0	0
11/15/2023 9:48	41901 REED_T1	10	9	-1	0.46	0.44	-0.02	-1.3	-1.27	1	1	0	900	900	0
11/15/2023 9:49	66502 SMAN_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/15/2023 9:49	67001 STHI_T2	273	407	134	0.13	0.17	0.04	0	0	0	0	0	0	0	0
11/15/2023 9:50	59201 THOM_T1	1	0	-1	0.4	0	-0.4	0	0	0	0	0	0	0	0
11/15/2023 9:50	66501 SMAN_T2	0	2	2	0	0.3	0.3	0	0	0	0	0	0	0	0
11/15/2023 9:50	43302 WATS_T2	0	4	4	0	0.25	0.25	0	0	0	0	0	0	0	0
11/15/2023 9:50	56501 ROCK_T2	1	2	1	0.9	0.4	-0.5	-0.18	-0.12	0	0	0	0	0	0
11/15/2023 9:51	66903 SHIL_T2	0	1	1	0	0.2	0.2	0	0	0	0	0	0	0	0
11/15/2023 9:52	43302 WATS_T2	0	4	4	0	0.25	0.25	0	0	0	0	0	0	0	0
11/15/2023 9:52	29401 BELT_T1	48	49	1	0.24	0.21	-0.03	0	0	1	1	0	900	900	0
11/15/2023 9:53	43301 WATS_T2	1	2	1	0.6	0.35	-0.25	0	0	0	0	0	0	0	0
11/15/2023 9:53	67001 STHI_T2	273	407	134	0.13	0.17	0.04	0	0	0	0	0	0	0	0
11/15/2023 9:53	10801 CHHI_T1	0	0	0	0	0	0	-1.39	-0.79	1	1	0	900	900	0
11/15/2023 9:55	43302 WATS_T2	0	4	4	0	0.25	0.25	0	0	0	0	0	0	0	0
11/15/2023 9:55	29401 BELT_T1	48	49	1	0.24	0.21	-0.03	0	0	1	1	0	900	900	0
11/15/2023 9:57	53902 HAU_T2	0	1	1	0	0	0	0	0	0	0	0	0	0	0
11/15/2023 9:57	40101 HUNT_T2	21	28	7	0.66	0.73	0.07	-0.39	-0.57	0	0	0	0	0	0
11/15/2023 9:59	42902 MIDD_T2	0	1	1	0	0.3	0.3	-0.08	-0.09	1	1	0	600	600	0
11/15/2023 9:59	64303 LINC_T1	0	0	0	0	0	0	-0.31	-0.22	0	0	0	0	0	0
11/15/2023 10:00	40101 HUNT_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/15/2023 10:01	52503 PROG_T2	0	0	0	0	0	0	-0.64	-0.65	1	1	0	900	900	0
11/15/2023 10:01	53903 HAU_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/15/2023 10:01	43201 MVIL_T2	0	0	0	0	0	0	-1.26	-1.17	0	0	0	0	0	0
11/15/2023 10:02	41901 REED_T1	8	10	2	0.49	0.38	-0.11	0	0	0	0	0	0	0	0
11/15/2023 10:02	64301 LINC_T1	0	0	0	0	0	0	-0.01	0	1	1	0	600	600	0
11/15/2023 10:02	55002 NEWP_T1	7	7	0	0.7	0.57	-0.13	-0.18	-0.19	0	0	0	0	0	0
11/15/2023 10:03	41902 REED_T1	0	0	0	0	0	0	2.22	2.11	0	0	0	0	0	0
11/15/2023 10:03	54701 NEBL_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/15/2023 10:03	54202 PENN_T2	0	0	0	0	0	0	0.62	0.62	0	0	0	0	0	0
11/15/2023 10:03	13701 SCHN_T2	1	2	1	0.5	0.4	-0.1	0	0	0	0	0	0	0	0
11/15/2023 10:03	16302 ALPA_T2	2	2	0	0.15	0.25	0.1	-1.16	-1.14	0	0	0	0	0	0
11/15/2023 10:03	52502 PROG_T2	0	0	0	0	0	0	-0.64	-0.65	1	1	0	900	900	0
11/15/2023 10:04	54001 SDLE_T1	4	4	0	0.58	0.43	-0.15	0	0	0	0	0	0	0	0
11/15/2023 10:04	16302 ALPA_T2	2	2	0	0.15	0.25	0.1	-1.16	-1.14	0	0	0	0	0	0
11/15/2023 10:05	54001 SDLE_T1	4	4	0	0.58	0.43	-0.15	0	0	0	0	0	0	0	0
11/15/2023 10:05	57401 SPAN_T1	25	55	30	0.28	0.27	-0.01	-1.11	-1.12	1	1	0	600	600	0
11/15/2023 10:06	16302 ALPA_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/15/2023 10:06	57401 SPAN_T1	25	55	30	0.28	0.27	-0.01	-2.22	-2.24	2	2	0	1200	1200	0
11/15/2023 10:06	13302 ORVI_T2	11	9	-2	0.19	0.27	0.08	1.03	1.13	0	0	0	0	0	0
11/15/2023 10:06	57403 SPAN_T1	16	106	90	0.25	0.27	0.02	0	0	0	0	0	0	0	0
11/15/2023 10:07	66501 SMAN_T2	0	2	2	0	0.3	0.3	0	0	0	0	0	0	0	0
11/15/2023 10:07	42701 AUGU_T1	0	0	0	0	0	0	0	0	2	2	0	1800	1800	0
11/15/2023 10:08	66505 SMAN_T2	0	0	0	0	0	0	0	0	1	1	0	900	900	0
11/15/2023 10:09	46203 DANV_T2	1	1	0	0.1	0.2	0.1	-1.36	-1.37	0	0	0	0	0	0
11/15/2023 10:09	42701 AUGU_T1	0	0	0	0	0	0	0	0	2	2	0	1800	1800	0
11/15/2023 10:10	62605 ENGL_T1	1	1	0	0.2	0.2	0	0	0	0	0	0	0	0	0
11/15/2023 10:10	43302 WATS_T2	4	4	0	0.18	0.25	0.07	0	0	0	0	0	0	0	0
11/15/2023 10:11	53501 EVIL_T2	2	2	0	0.35	0.6	0.25	-0.54	-0.55	2	2	0	1200	1200	0
11/15/2023 10:11	62604 ENGL_T1	0	0	0	0	0	0	-0.67	-0.78	2	2	0	1200	1200	0
11/15/2023 10:12	52402 GRPA_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/15/2023 10:13	53501 EVIL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/15/2023 10:14	53501 EVIL_T2	2	2	0	0.35	0.6	0.25	-1.07	-1.11	4	4	0	2400	2400	0
11/15/2023 10:15	22901 HARW_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/15/2023 10:15	62604 ENGL_T1	0	0	0	0	0	0	-0.34	-0.39	1	1	0	600	600	0
11/15/2023 10:15	53501 EVIL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/15/2023 10:15	26401 INOR_T1	1	0	-1	0.1	0	-0.1	0	0	0	0	0	0	0	0
11/15/2023 10:16	65001 NEFF_T2	1	0	-1	0	0	0	-0.53	-0.46	1	1	0	1200	1200	0
11/15/2023 10:16	40101 HUNT_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/15/2023 10:17	64801 MONE_T2	2	20	18	0.2	0.17	-0.03	0	0	0	0	0	0	0	0
11/15/2023 10:17	13704 SCHN_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/15/2023 10:17	12701 MACU_T1	0	0	0	0	0	0	0.07	0.06	0	0	0	0	0	0
11/15/2023 10:18	12701 MACU_T1	0	0	0	0	0	0	0.07	0.06	0	0	0	0	0	0
11/15/2023 10:19	56501 ROCK_T2	2	1	-1	1.65	1.7	0.05	-0.17	-0.18	0	0	0	0	0	0
11/15/2023 10:19	52502 PROG_T2	0	1	1	0	0	0	-0.65	-0.67	1	1	0	900	900	0
11/15/2023 10:22	40201 BEGA_T2	3	3	0	0.4	0.7	0.3	0	0	0	0	0	0	0	0
11/15/2023 10:23	20403 ASHF_T2	0	1	1	0	0.5	0.5	1.28	1.31	0	0	0	0	0	0
11/15/2023 10:24	43001 ALWD_T1	0	1	1	0	0.1	0.1	0	0	0	0	0	0	0	0
11/15/2023 10:25	20403 ASHF_T2	0	1	1	0	0.5	0.5	1.28	1.31	0	0	0	0	0	0
11/15/2023 10:25	56801 BENV_T1	26	30	4	0.7	0.82	0.12	-1.52	-1.54	2	2	0	1200	1200	0
11/15/2023 10:26	40201 BEGA_T2	3	3	0	0.4	0.7	0.3	0	0	0	0	0	0	0	0
11/15/2023 10:26	52402 GRPA_T2	5	8	3	0.82	0.86	0.04	0	0	0	0	0	0	0	0
11/15/2023 10:29	20402 ASHF_T2	1	1	0	0.3	0.5	0.2	0	0	0	0	0	0	0	0
11/15/2023 10:31	40602 PIGR_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/15/2023 10:31	42902 MIDD_T2	2	5	3	0.3	0.5	0.2	-0.12	-0.13	1	1	0	600	600	0
11/15/2023 10:32	50505 MECH_T1	0	1	1	0	0.3	0.3	0	0	0	0	0	0	0	0
11/15/2023 10:32	39601 LNFD_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/15/2023 10:34	16302 ALPA_T2	1	2	1	0.2	0.5	0.3	-1.2	-1.2	0	0	0	0	0	0
11/15/2023 10:36	16302 ALPA_T2	1	2	1	0.2	0.5	0.3	-1.2	-1.2	0	0	0	0	0	0
11/15/2023 10:36	44301 BEAV_T2	1	5	4	0.4	0.46	0.06	-0.01	-0.05	2	2	0	1500	1500	0
11/15/2023 10:36	67502 WEWI_T2	1	4	3	1.2	0.48	-0.72	0	0	0	0	0	0	0	0
11/15/2023 10:36	67502 WEWI_T2	1	4	3	1.2	0.48	-0.72	0	0	0	0	0	0	0	0
11/15/2023 10:37	43304 WATS_T2	1	0	-1	0.2	0	-0.2	-0.21	-0.23	0	0	0	0	0	0
11/15/2023 10:37	56802 BENV_T2	8	38	30	0.31	0.21	-0.1	-1.32	-1.29	0	0	0	0	0	0
11/15/2023 10:37	65001 NEFF_T2	0	0	0	0	0	0	-0.46	-0.53	1	1	0	1200	1200	0
11/15/2023 10:37	67502 WEWI_T2	1	4	3	1.2	0.48	-0.72	-0.15	-0.21	0	0	0	0	0	0
11/15/2023 10:37	57403 SPAN_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/15/2023 10:38	45402 WBLO_T2	2	3	1	0.5	0.7	0.2	0	0	0	0	0	0	0	0
11/15/2023 10:38	57403 SPAN_T1	93	168	75	0.28	0.51	0.23	0	0	0	0	0	0	0	0
11/15/2023 10:38	67502 WEWI_T2	1	4	3	1.2	0.48	-0.72	-0.15	-0.21	0	0	0	0	0	0
11/15/2023 10:38	60101 COCA_T1	1	1	0	0.3	0.2	-0.1	0.97	0.68	0	0	0	0	0	0
11/15/2023 10:39	43304 WATS_T2	1	0	-1	0.2	0	-0.2	0	0	0	0	0	0	0	0
11/15/2023 10:39	67502 WEWI_T2	1	4	3	1.2	0.48	-0.72	-0.31	-0.41	0	0	0	0	0	0
11/15/2023 10:39	56802 BENV_T2	8	38	30	0.31	0.21	-0.1	-1.32	-1.29	0	0	0	0	0	0
11/15/2023 10:40	54505 ENOL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/15/2023 10:40	20402 ASHF_T2	1	2	1	0.4	0.5	0.1	0	0	0	0	0	0	0	0
11/15/2023 10:40	67502 WEWI_T2	1	4	3	1.2	0.48	-0.72	-0.15	-0.21	0	0	0	0	0	0
11/15/2023 10:41	56802 BENV_T2	8	38	30	0.31	0.21	-0.1	-1.29	-1.3	0	0	0	0	0	0
11/15/2023 10:42	46801 HEPB_T2	2	2	0	0.35	0.6	0.25	0.57	0.6	0	0	0	0	0	0
11/15/2023 10:42	61803 EELI_T2	2	2	0	0.6	1.1	0.5	0	0	0	0	0	0	0	0
11/15/2023 10:42	57401 SPAN_T1	23	91	68	0.39	0.31	-0.08	-1.12	-1.16	1	1	0	600	600	0
11/15/2023 10:43	52402 GRPA_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/15/2023 10:44	52402 GRPA_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/15/2023 10:46	55002 NEWP_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/15/2023 10:46	13302 ORVI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/15/2023 10:47	50506 MECH_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/15/2023 10:48	13302 ORVI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/15/2023 10:48	57403 SPAN_T1	167	163	-4	0.51	0.63	0.12	0	0	0	0	0	0	0	0
11/15/2023 10:48	42802 SELI_T1	0	0	0	0	0	0	-3.7	-3.66	2	2	0	1800	1800	0
11/15/2023 10:49	42802 SELI_T1	0	0	0	0	0	0	-1.85	-1.83	1	1	0	900	900	0
11/15/2023 10:49	54206 PENN_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/15/2023 10:50	55002 NEWP_T1	7	11	4	0.9	0.95	0.05	-0.19	-0.18	0	0	0	0	0	0
11/15/2023 10:51	66703 STRA_T1	8	10	2	0.25	0.31	0.06	-0.06	-0.15	0	0	0	0	0	0
11/15/2023 10:51	57403 SPAN_T1	167	163	-4	0.51	0.63	0.12	0.07	0.06	0	0	0	0	0	0
11/15/2023 10:51	57403 SPAN_T1	167	163	-4	0.51	0.63	0.12	0.07	0.06	0	0	0	0	0	0
11/15/2023 10:51	57402 SPAN_T2	0	1	1	0	0.2	0.2	0	0	0	0	0	0	0	0
11/15/2023 10:51	43304 WATS_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/15/2023 10:51	55002 NEWP_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/15/2023 10:52	57401 SPAN_T1	83	126	43	0.31	0.32	0.01	0	0	0	0	0	0	0	0
11/15/2023 10:52	42802 SELI_T1	0	0	0	0	0	0	-1.85	-1.83	1	1	0	900	900	0
11/15/2023 10:53	57404 SPAN_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/15/2023 10:53	43302 WATS_T2	2	4	2	0.1	0.33	0.23	0	0	0	0	0	0	0	0
11/15/2023 10:53	45902 AUBU_T1	1	3	2	0.4	0.47	0.07	-0.25	-0.39	1	1	0	600	600	0
11/15/2023 10:53	29402 BELT_T1	1	1	0	7.1	7.4	0.3	0	0	0	0	0	0	0	0
11/15/2023 10:53	57403 SPAN_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
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11/15/2023 11:13	57403 SPAN_T1	152	161	9	0.37	0.63	0.26	0	0	0	0	0	0	0
11/15/2023 11:14	54502 ENOL_T2	1	1	0	0.5	0.5	0	0	0	0	0	0	0	0
11/15/2023 11:14	54502 ENOL_T2	1	1	0	0.5	0.5	0	0	0	0	0	0	0	0
11/15/2023 11:14	46802 HEPB_T1	101	115	14	0.28	0.31	0.03	0	0	0	0	0	0	0
11/15/2023 11:17	47401 PENS_T1	4	7	3	0.6	0.59	-0.01	1	1.08	0	0	0	0	0
11/15/2023 11:17	13704 SCHN_T2	1	1	0	0.1	0.2	0.1	-0.3	-0.31	0	0	0	0	0
11/15/2023 11:17	50506 MECH_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
11/15/2023 11:17	46901 MNTG_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
11/15/2023 11:17	64101 REFR_T1	0	0	0	0	0	0	0.08	0.05	0	0	0	0	0
11/15/2023 11:18	50506 MECH_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
11/15/2023 11:18	45702 LIND_T2	1	1	0	1.1	2	0.9	-0.48	-0.49	0	0	0	0	0
11/15/2023 11:18	54204 PENN_T2	1	0	-1	0.1	0	-0.1	0	0	0	0	0	0	0
11/15/2023 11:18	48901 FOSP_T2	0	0	0	0	0	0	-0.32	-0.36	2	2	0	1200	1200	0
11/15/2023 11:18	64101 REFR_T1	0	0	0	0	0	0	0.15	0.1	0	0	0	0	0	0
11/15/2023 11:19	47403 PENS_T1	5	6	1	0.76	0.67	-0.09	0	0	0	0	0	0	0	0
11/15/2023 11:19	64101 REFR_T1	0	0	0	0	0	0	0.23	0.14	0	0	0	0	0	0
11/15/2023 11:19	54204 PENN_T2	1	0	-1	0.1	0	-0.1	0	0	0	0	0	0	0	0
11/15/2023 11:19	48901 FOSP_T2	0	0	0	0	0	0	-0.16	-0.18	1	1	0	600	600	0
11/15/2023 11:20	59101 WALK_T2	1	1	0	0	0	0	0.36	0.34	0	0	0	0	0	0
11/15/2023 11:20	47401 PENS_T1	4	7	3	0.6	0.59	-0.01	1	1.08	0	0	0	0	0	0
11/15/2023 11:20	55002 NEWP_T1	8	11	3	0.85	1.02	0.17	-0.17	-0.17	0	0	0	0	0	0
11/15/2023 11:21	66504 SMAN_T2	0	1	1	0	0.4	0.4	0	0	0	0	0	0	0	0
11/15/2023 11:22	64101 REFR_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/15/2023 11:22	45902 AUBU_T1	2	5	3	0.5	1.38	0.88	-0.81	-0.75	2	2	0	1200	1200	0
11/15/2023 11:23	67203 TEHI_T1	0	0	0	0	0	0	1.79	1.85	3	2	-1	2100	1200	-900
11/15/2023 11:24	54504 ENOL_T2	1	1	0	0.2	0.2	0	0	0	0	0	0	0	0	0
11/15/2023 11:24	43402 BENT_T1	0	1	1	0	0.1	0.1	-1.32	-1.33	2	2	0	1500	1500	0
11/15/2023 11:25	45902 AUBU_T1	2	5	3	0.5	1.38	0.88	-0.41	-0.37	1	1	0	600	600	0
11/15/2023 11:26	54504 ENOL_T2	1	1	0	0.2	0.2	0	0	0	0	0	0	0	0	0
11/15/2023 11:28	54505 ENOL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/15/2023 11:29	42902 MIDD_T2	7	7	0	0.59	0.83	0.24	0	0	0	0	0	0	0	0
11/15/2023 11:29	59301 MCAL_T1	1	4	3	0.8	0.33	-0.47	0	0	0	0	0	0	0	0
11/15/2023 11:30	42901 MIDD_T2	0	2	2	0	0.15	0.15	0	0	0	0	0	0	0	0
11/15/2023 11:31	40902 JESH_T1	2	4	2	0.15	0.38	0.23	-0.51	-0.38	0	0	0	0	0	0
11/15/2023 11:31	54505 ENOL_T2	1	1	0	0.9	0.8	-0.1	0	0	0	0	0	0	0	0
11/15/2023 11:33	54001 SDLE_T1	7	8	1	0.71	0.86	0.15	0	0	0	0	0	0	0	0
11/15/2023 11:33	42902 MIDD_T2	6	14	8	0.47	0.48	0.01	-0.28	-0.1	2	2	0	1200	1200	0
11/15/2023 11:33	66703 STRA_T1	4	13	9	0.35	0.26	-0.09	-0.12	-0.07	0	0	0	0	0	0
11/15/2023 11:33	13701 SCHN_T2	4	3	-1	0.23	0.23	0	0	0	0	0	0	0	0	0
11/15/2023 11:34	42801 SELI_T1	1	1	0	0	0	0	0	0	0	0	0	0	0	0
11/15/2023 11:34	42902 MIDD_T2	6	14	8	0.47	0.48	0.01	-0.28	-0.1	2	2	0	1200	1200	0
11/15/2023 11:34	54001 SDLE_T1	7	8	1	0.71	0.86	0.15	0	0	0	0	0	0	0	0
11/15/2023 11:35	42802 SELI_T1	1	1	0	0.7	0.7	0	-1.88	-1.89	1	1	0	900	900	0
11/15/2023 11:35	54001 SDLE_T1	7	8	1	0.71	0.86	0.15	0	0	0	0	0	0	0	0
11/15/2023 11:35	57403 SPAN_T1	32	17	-15	0.34	0.28	-0.06	0	0	0	0	0	0	0	0
11/15/2023 11:36	42802 SELI_T1	1	1	0	0.7	0.7	0	-3.77	-3.78	2	2	0	1800	1800	0
11/15/2023 11:36	13704 SCHN_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/15/2023 11:40	65001 NEFF_T2	0	0	0	0	0	0	-0.55	-0.44	1	1	0	1200	1200	0
11/15/2023 11:40	45501 DERR_T2	0	1	1	0	0.2	0.2	0.61	0.53	2	2	0	1800	1800	0
11/15/2023 11:41	60101 COCA_T1	0	0	0	0	0	0	0.74	0.9	0	0	0	0	0	0
11/15/2023 11:42	52004 LING_T2	3	4	1	0.57	0.88	0.31	0.2	0.18	0	0	0	0	0	0
11/15/2023 11:42	53901 HALI_T2	0	1	1	0	0.5	0.5	0	0	0	0	0	0	0	0
11/15/2023 11:42	45501 DERR_T2	0	1	1	0	0.2	0.2	0.53	0.38	2	2	0	1800	1800	0
11/15/2023 11:43	45001 LIME_2	13	23	10	0.27	0.34	0.07	0	0	0	0	0	0	0	0
11/15/2023 11:44	40602 PIGR_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/15/2023 11:44	45003 LIME_2	1	1	0	3.4	3.6	0.2	0	0	0	0	0	0	0	0
11/15/2023 11:46	45001 LIME_2	23	25	2	0.29	0.34	0.05	0	0	0	0	0	0	0	0
11/15/2023 11:48	59302 MCAL_T1	1	4	3	0.1	0.58	0.48	0	0	0	0	0	0	0	0
11/15/2023 11:48	53803 MBRG_T2	0	1	1	0	0.1	0.1	0.06	0.06	0	0	0	0	0	0
11/15/2023 11:48	13704 SCHN_T2	1	1	0	0.2	0.1	-0.1	-0.31	-0.33	0	0	0	0	0	0
11/15/2023 11:49	50701 SMEC_T1	1	2	1	0.4	0.2	-0.2	-0.01	0.05	0	0	0	0	0	0
11/15/2023 11:49	13701 SCHN_T2	3	0	-3	0.23	0	-0.23	0	0	0	0	0	0	0	0
11/15/2023 11:51	59302 MCAL_T1	1	4	3	0.1	0.58	0.48	-0.13	-0.17	1	1	0	600	600	0
11/15/2023 11:51	46901 MNTG_T2	0	2	2	0	0.15	0.15	0	0	0	0	0	0	0	0
11/15/2023 11:52	13704 SCHN_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/15/2023 11:52	46901 MNTG_T2	0	2	2	0	0.15	0.15	0	0	0	0	0	0	0	0
11/15/2023 11:53	52004 LING_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/15/2023 11:53	26401 INOR_T1	2	1	-1	0.3	0.2	-0.1	0	0	0	0	0	0	0	0
11/15/2023 11:53	53903 HALI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/15/2023 11:53	43402 BENT_T1	1	3	2	0.1	0.77	0.67	-1.34	-1.35	2	2	0	1500	1500	0
11/15/2023 11:53	50701 SMEC_T1	1	2	1	0.4	0.2	-0.2	-0.01	0.05	0	0	0	0	0	0
11/15/2023 11:54	55105 WERT_T1	0	0	0	0	0	0	-0.75	-0.73	1	1	0	900	900	0
11/15/2023 11:54	40201 BEGA_T2	2	2	0	1	1.6	0.6	0	0	0	0	0	0	0	0
11/15/2023 11:56	60101 COCA_T1	0	0	0	0	0	0	0.9	0.72	0	0	0	0	0	0
11/15/2023 11:58	54001 SDLE_T1	8	9	1	0.73	0.87	0.14	0	0	0	0	0	0	0	0
11/15/2023 11:59	54001 SDLE_T1	8	9	1	0.73	0.87	0.14	0	0	0	0	0	0	0	0
11/15/2023 12:01	42903 MIDD_T2	2	2	0	1.5	1	-0.5	0.05	0.78	1	0	-1	1200	0	-1200
11/15/2023 12:01	47403 PENS_T1	6	7	1	0.8	0.49	-0.31	0	0	0	0	0	0	0	0
11/15/2023 12:02	47402 PENS_T1	2	0	-2	0.15	0	-0.15	0	0	0	0	0	0	0	0
11/15/2023 12:03	42901 MIDD_T2	1	0	-1	0.1	0	-0.1	0	0	0	0	0	0	0	0
11/15/2023 12:03	46903 MNTG_T2	30	5	-25	0.24	0.5	0.26	0	0	0	0	0	0	0	0
11/15/2023 12:03	14404 SSLA_T1	1	5	4	0.3	0.36	0.06	0	0	0	0	0	0	0	0
11/15/2023 12:03	42901 MIDD_T2	1	0	-1	0.1	0	-0.1	0	0	0	0	0	0	0	0
11/15/2023 12:03	50701 SMEC_T1	0	2	2	0	0.2	0.2	0.05	0.04	0	0	0	0	0	0
11/15/2023 12:04	42901 MIDD_T2	1	0	-1	0.1	0	-0.1	0	0	0	0	0	0	0	0
11/15/2023 12:04	47403 PENS_T1	6	7	1	0.8	0.49	-0.31	0	0	0	0	0	0	0	0
11/15/2023 12:04	13704 SCHN_T2	1	1	0	0.1	0.1	0	-0.66	-0.64	0	0	0	0	0	0
11/15/2023 12:04	54001 SDLE_T1	8	9	1	0.86	0.88	0.02	0	0	0	0	0	0	0	0
11/15/2023 12:05	14403 SSLA_T1	4	7	3	0.28	0.44	0.16	0.76	0.6	0	0	0	0	0	0
11/15/2023 12:05	50701 SMEC_T1	0	2	2	0	0.2	0.2	0.05	0.04	0	0	0	0	0	0
11/15/2023 12:06	54001 SDLE_T1	8	9	1	0.86	0.88	0.02	0	0	0	0	0	0	0	0
11/15/2023 12:08	45501 DERR_T2	1	1	0	0.2	0.8	0.6	0.38	0.36	2	2	0	1800	1800	0
11/15/2023 12:10	15001 BLMO_T1	2	2	0	0.5	0.85	0.35	0	0	0	0	0	0	0	0
11/15/2023 12:12	53903 HALI_T2	0	1	1	0	0.1	0.1	0	0	0	0	0	0	0	0
11/15/2023 12:12	60101 COCA_T1	0	0	0	0	0	0	0.72	0.66	0	0	0	0	0	0
11/15/2023 12:12	15001 BLMO_T1	2	2	0	0.5	0.85	0.35	0	0	0	0	0	0	0	0
11/15/2023 12:13	45002 LIME_2	0	1	1	0	0.1	0.1	0	0	0	0	0	0	0	0
11/15/2023 12:13	45001 LIME_2	23	23	0	0.32	0.28	-0.04	0	0	0	0	0	0	0	0
11/15/2023 12:13	61303 EARL_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/15/2023 12:14	45002 LIME_2	0	1	1	0	0.1	0.1	0	0	0	0	0	0	0	0
11/15/2023 12:14	61304 EARL_T1	0	1	1	0	0.1	0.1	0	0	0	0	0	0	0	0
11/15/2023 12:15	45001 LIME_2	23	7	-16	0.28	0.17	-0.11	0	0	0	0	0	0	0	0
11/15/2023 12:18	45002 LIME_2	0	1	1	0	0.1	0.1	0	0	0	0	0	0	0	0
11/15/2023 12:20	51302 WIND_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/15/2023 12:20	67204 TEHI_T2	0	0	0	0	0	0	-0.08	-0.07	0	0	0	0	0	0
11/15/2023 12:23	14802 TREI_T2	2	4	2	0.35	0.2	-0.15	0	0	0	0	0	0	0	0
11/15/2023 12:24	51301 WIND_T1	2	2	0	0.15	0.15	0	-1	-0.97	0	0	0	0	0	0
11/15/2023 12:24	14802 TREI_T2	2	4	2	0.35	0.2	-0.15	0.6	0.52	0	0	0	0	0	0
11/15/2023 12:24	51302 WIND_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/15/2023 12:24	67204 TEHI_T2	0	0	0	0	0	0	-0.08	-0.07	0	0	0	0	0	0
11/15/2023 12:25	51303 WIND_T1	0	1	1	0	0.2	0.2	0	0	0	0	0	0	0	0
11/15/2023 12:26	51301 WIND_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/15/2023 12:27	63802 HEMP_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/15/2023 12:29	63802 HEMP_T1	1	21	20	0.1	0.13	0.03	-0.2	-0.14	0	0	0	0	0	0
11/15/2023 12:29	64702 LITI_T2	0	0	0	0	0	0	-0.7	-0.7	0	0	0	0	0	0
11/15/2023 12:31	64702 LITI_T2	0	0	0	0	0	0	-0.7	-0.7	0	0	0	0	0	0
11/15/2023 12:32	63802 HEMP_T1	21	4	-17	0.13	0.1	-0.03	-0.2	-0.14	0	0	0	0	0	0
11/15/2023 12:33	64702 LITI_T2	0	0	0	0	0	0	-0.7	-0.7	0	0	0	0	0	0
11/15/2023 12:33	65003 NEFF_T2	8	8	0	0.36	0.41	0.05	0	0	0	0	0	0	0	0
11/15/2023 12:33	42802 SELI_T1	1	1	0	0.2	0.4	0.2	-3.86	-3.8	2	2	0	1800	1800	0
11/15/2023 12:34	42801 SELI_T1	1	1	0	0	0	0	0	0	0	0	0	0	0	0
11/15/2023 12:35	42801 SELI_T1	1	1	0	0	0	0	0	0	0	0	0	0	0	0
11/15/2023 12:39	56802 BENV_T2	252	215	-37	0.27	0.32	0.05	-1.36	-1.38	0	0	0	0	0	0
11/15/2023 12:48	54001 SDLE_T1	8	7	-1	0.8	1.04	0.24	0	0	0	0	0	0	0	0
11/15/2023 12:50	67002 STHI_T2	6	8	2	0.22	0.21	-0.01	0.59	0.56	0	0	0	0	0	0
11/15/2023 12:51	67002 STHI_T2	6	8	2	0.22	0.21	-0.01	1.18	1.12	0	0	0	0	0	0
11/15/2023 12:51	54001 SDLE_T1	8	7	-1	0.8	1.04	0.24	0	0	0	0	0	0	0	0
11/15/2023 12:52	67001 STHI_T2	6	6	0	0.25	0.33	0.08	0	0	0	0	0	0	0	0
11/15/2023 12:53	67002 STHI_T2	6	8	2	0.22	0.21	-0.01	0.59	0.56	0	0	0	0	0	0
11/15/2023 12:55	20401 ASHF_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/15/2023 13:00	25402 LAHA_T2	84	125	41	0.51	0.66	0.15	-0.76	-0.81	0	0	0	0	0	0
11/15/2023 13:01	52004 LING_T2	9	8	-1	0.73	0.61	-0.12	0.14	0.13	0	0	0	0	0	0
11/15/2023 13:06	51303 WIND_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/15/2023 13:07	58001 WCAR_T1	3	4	1	0.4	0.55	0.15	0	0	0	0	0	0	0	0
11/15/2023 13:07	51303 WIND_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/15/2023 13:08	58003 WCAR_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/15/2023 13:10	20403 ASHF_T2	3	2	-1	0.27	0.15	-0.12	0.2	0.09	0	0	0	0	0	0
11/15/2023 13:20	64101 REFR_T1	2	1	-1	0.15	0.1	-0.05	0.05	0.07	0	0	0	0	0	0
11/15/2023 13:23	15001 BLMO_T1	1	2	1	0.1	0.4	0.3	0	0	0	0	0	0	0	0
11/15/2023 13:30	50503 MECH_T1	8	7	-1	0.14	0.11	-0.03	0	0	0	0	0	0	0	0
11/15/2023 13:34	54201 PENN_T1	11	11	0	1.18	1.07	-0.11	0.29	0.35	0	0	0	0	0	0
11/15/2023 13:34	42201 SHEN_T2	1	1	0	0.2	0.2	0	0.04	0.03	1	1	0	600	600	0
11/15/2023 13:39	50701 SMEC_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/15/2023 13:41	43001 ALWD_T1	3	3	0	0.6	0.7	0.1	0	0	0	0	0	0	0	0
11/15/2023 13:48	50506 MECH_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/15/2023 13:49	25402 LAHA_T2	123	123	0	0.59	0.52	-0.07	-0.83	-0.87	0	0	0	0	0	0
11/15/2023 13:49	66703 STRA_T1	83	151	68	0.24	0.28	0.04	-0.09	-0.1	0	0	0	0	0	0
11/15/2023 13:49	67001 STHI_T2	5	8	3	0.24	0.23	-0.01	0	0	0	0	0	0	0	0
11/15/2023 13:50	67002 STHI_T2	12	8	-4	0.16	0.1	-0.06	0.55	0.55	0	0	0	0	0	0
11/15/2023 13:54	15103 UPHA_T2	0	1	1	0	0.5	0.5	0.36	0.38	0	0	0	0	0	0
11/15/2023 14:00	53803 MBRG_T2	0	0	0	0	0	0	0.02	0.02	0	0	0	0	0	0
11/15/2023 14:01	45802 HEGI_T2	2	1	-1	0.7	0	-0.7	1.5	1.4	0	0	0	0	0	0
11/15/2023 14:02	45802 HEGI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/15/2023 14:06	66703 STRA_T1	151	11	-140	0.28	0.27	-0.01	-0.1	-0.08	0	0	0	0	0	0
11/15/2023 14:07	45901 AUBU_T1	0	0	0	0	0	0	1.9	1.79	0	0	0	0	0	0
11/15/2023 14:08	29401 BELT_T1	28	4	-24	0.17	0.1	-0.07	0	0	2	0	-2	1800	0	-1800
11/15/2023 14:08	45902 AUBU_T1	1	1	0	0.7	0.2	-0.5	-1.51	-1.48	2	2	0	1200	1200	0
11/15/2023 14:08	20401 ASHF_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/15/2023 14:09	20403 ASHF_T2	17	20	3	0.31	0.27	-0.04	0.08	0.05	0	0	0	0	0	0
11/15/2023 14:09	45501 DERR_T2	0	0	0	0	0	0	0.51	0.43	2	2	0	1800	1800	0
11/15/2023 14:10	45901 AUBU_T1	0	0	0	0	0	0	1.9	1.79	0	0	0	0	0	0
11/15/2023 14:10	54504 ENOL_T2	0	1	1	0	0	0	0	0	0	0	0	0	0	0
11/15/2023 14:10	54503 ENOL_T2	0	0	0	0	0	0	-0.44	-0.47	1	1	0	600	600	0
11/15/2023 14:10	45901 AUBU_T1	0	0	0	0	0	0	1.9	1.79	0	0	0	0	0	0
11/15/2023 14:10	17802 GILB_T1	3	1	-2	8.9	0.1	-8.8	0.02	0.04	0	0	0	0	0	0
11/15/2023 14:11	54503 ENOL_T2	0	0	0	0	0	0	-0.47	-0.46	1	1	0	600	600	0
11/15/2023 14:11	54503 ENOL_T2	0	0	0	0	0	0	-0.47	-0.46	1	1	0	600	600	0
11/15/2023 14:11	45902 AUBU_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/15/2023 14:15	54501 ENOL_T2	2	4	2	0.1	0.18	0.08	0.07	0.12	0	0	0	0	0	0
11/15/2023 14:15	54503 ENOL_T2	0	0	0	0	0	0	-0.47	-0.46	1	1	0	600	600	0
11/15/2023 14:15	54501 ENOL_T2	2	4	2	0.1	0.18	0.08	0.07	0.12	0	0	0	0	0	0
11/15/2023 14:15	54503 ENOL_T2	0	0	0	0	0	0	-0.47	-0.46	1	1	0	600	600	0
11/15/2023 14:16	58401 MORO_T1	0	3	3	0	0.33	0.33	0	0	0	0	0	0	0	0
11/15/2023 14:16	54503 ENOL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/15/2023 14:18	56504 ROCK_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/15/2023 14:19	56504 ROCK_T2	1	1	0	0.1	0.2	0.1	0	0	0	0	0	0	0	0
11/15/2023 14:19	52502 PROG_T2	0	0	0	0	0	0	0.22	0.15	0	0	0	0	0	0
11/15/2023 14:19	64101 REFR_T1	3	2	-1	0.23	0.25	0.02	-0.01	0.07	0	0	0	0	0	0
11/15/2023 14:19	46203 DANV_T2	0	0	0	0	0	0	0	0	0	0	0

Appendix C - Grid Benefits Achieved in Each Instance of Active Management

11/15/2023 14:36	44901 SCOT_T2	0	0	0	0	0	0	-0.94	-1.13	0	0	0	0	0	0
11/15/2023 14:37	46203 DANV_T2	0	0	0	0	0	0	-1.51	-1.46	0	0	0	0	0	0
11/15/2023 14:37	66703 STRA_T1	8	3	-5	0.28	0.23	-0.05	-0.15	-0.06	0	0	0	0	0	0
11/15/2023 14:37	57403 SPAN_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/15/2023 14:37	64101 REFR_T1	2	0	-2	0.25	0	-0.25	0.07	0.1	0	0	0	0	0	0
11/15/2023 14:37	45902 AUBU_T1	0	0	0	0	0	0	-0.65	-0.71	1	1	0	600	600	0
11/15/2023 14:38	64101 REFR_T1	2	0	-2	0.25	0	-0.25	0.07	0.1	0	0	0	0	0	0
11/15/2023 14:38	45902 AUBU_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/15/2023 14:39	62607 ENGL_T1	0	0	0	0	0	0	0.29	0.19	1	1	0	300	300	0
11/15/2023 14:39	45902 AUBU_T1	0	0	0	0	0	0	-0.65	-0.71	1	1	0	600	600	0
11/15/2023 14:40	46004 BERW_T2	0	1	1	0	0.1	0.1	0	0	0	0	0	0	0	0
11/15/2023 14:40	45501 DERR_T2	0	0	0	0	0	0	0.44	0.58	2	2	0	1800	1800	0
11/15/2023 14:40	61303 EARL_T1	0	0	0	0	0	0	0.28	0.22	0	0	0	0	0	0
11/15/2023 14:41	61303 EARL_T1	0	0	0	0	0	0	0.22	0.22	0	0	0	0	0	0
11/15/2023 14:41	51604 DUKE_T2	0	0	0	0	0	0	-0.69	-0.69	0	0	0	0	0	0
11/15/2023 14:42	44901 SCOT_T2	0	0	0	0	0	0	-0.56	-0.57	0	0	0	0	0	0
11/15/2023 14:42	45902 AUBU_T1	0	0	0	0	0	0	-0.71	-0.66	1	1	0	600	600	0
11/15/2023 14:42	61303 EARL_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/15/2023 14:42	45802 HEGI_T2	1	1	0	0.1	0.2	0.1	1.3	1.3	0	0	0	0	0	0
11/15/2023 14:43	28403 HART_T2	0	0	0	0	0	0	-0.84	-0.89	1	1	0	900	900	0
11/15/2023 14:43	40101 HUNT_T2	0	5	5	0	0	0	-0.13	-0.12	0	0	0	0	0	0
11/15/2023 14:45	58402 MORO_T1	0	0	0	0	0	0	-1.08	-1.05	2	2	0	1500	1500	0
11/15/2023 14:46	63804 HEMP_T1	1	1	0	5.7	5.8	0.1	0	0	0	0	0	0	0	0
11/15/2023 14:46	58401 MORO_T1	3	1	-2	0.33	0	-0.33	0	0	0	0	0	0	0	0
11/15/2023 14:46	46602 LACR_T1	2	0	-2	1.85	0	-1.85	-0.69	-0.61	0	0	0	0	0	0
11/15/2023 14:46	60604 NCOL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/15/2023 14:47	60604 NCOL_T2	0	0	0	0	0	0	0.35	0.31	0	0	0	0	0	0
11/15/2023 14:47	58402 MORO_T1	0	0	0	0	0	0	-1.08	-1.05	2	2	0	1500	1500	0
11/15/2023 14:47	40101 HUNT_T2	4	3	-1	0.25	0.7	0.45	-0.27	-0.24	0	0	0	0	0	0
11/15/2023 14:48	50701 SMEC_T1	0	0	0	0	0	0	0.14	0.13	0	0	0	0	0	0
11/15/2023 14:48	52501 PROG_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/15/2023 14:49	56501 ROCK_T2	10	10	0	0.37	0.39	0.02	0	0	0	0	0	0	0	0
11/15/2023 14:50	50701 SMEC_T1	0	0	0	0	0	0	0.14	0.13	0	0	0	0	0	0
11/15/2023 14:50	56504 ROCK_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/15/2023 14:50	51201 MTON_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/15/2023 14:52	59102 WALK_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/15/2023 14:52	56504 ROCK_T2	0	1	1	0	0.1	0.1	-0.4	-0.38	0	0	0	0	0	0
11/15/2023 14:53	22101 EDEL_T2	0	0	0	0	0	0	0.46	0.51	1	1	0	1200	1200	0
11/15/2023 14:53	56504 ROCK_T2	0	1	1	0	0.1	0.1	-0.4	-0.38	0	0	0	0	0	0
11/15/2023 14:55	46001 BERW_T1	0	0	0	0	0	0	0.94	0.96	0	0	0	0	0	0
11/15/2023 14:56	56802 BENV_T2	334	446	112	0.26	0.35	0.09	-1.43	-1.38	0	0	0	0	0	0
11/15/2023 14:57	56802 BENV_T2	334	446	112	0.26	0.35	0.09	-2.86	-2.76	0	0	0	0	0	0
11/15/2023 14:57	46001 BERW_T1	0	0	0	0	0	0	0.96	0.99	0	0	0	0	0	0
11/15/2023 15:00	56504 ROCK_T2	1	0	-1	0.1	0	-0.1	-0.38	-0.39	0	0	0	0	0	0
11/15/2023 15:02	50506 MECH_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/15/2023 15:02	64101 REFR_T1	0	0	0	0	0	0	0.06	0.04	0	0	0	0	0	0
11/15/2023 15:03	64801 MONE_T2	8	1	-7	0.15	0.8	0.65	0.26	0.2	0	0	0	0	0	0
11/15/2023 15:03	59301 MCAL_T1	2	0	-2	0.35	0	-0.35	0	0	0	0	0	0	0	0
11/15/2023 15:03	42201 SHEN_T2	0	0	0	0	0	0	0.14	0.11	1	1	0	600	600	0
11/15/2023 15:04	64101 REFR_T1	0	0	0	0	0	0	0.12	0.08	0	0	0	0	0	0
11/15/2023 15:06	64101 REFR_T1	0	0	0	0	0	0	0.23	0.16	0	0	0	0	0	0
11/15/2023 15:08	67001 STHI_T2	350	437	87	0.13	0.15	0.02	0	0	0	0	0	0	0	0
11/15/2023 15:08	42201 SHEN_T2	0	0	0	0	0	0	0.14	0.11	1	1	0	600	600	0
11/15/2023 15:09	42201 SHEN_T2	0	0	0	0	0	0	0.14	0.11	1	1	0	600	600	0
11/15/2023 15:16	13105 NHAM_T2	0	0	0	0	0	0	-0.42	-0.42	1	1	0	1200	1200	0
11/15/2023 15:16	46506 LOHA_T1	28	7	-21	0.19	0.29	0.1	0	0	0	0	0	0	0	0
11/15/2023 15:17	58402 MORO_T1	0	0	0	0	0	0	-1.02	-1.03	2	2	0	1500	1500	0
11/15/2023 15:17	46506 LOHA_T1	28	7	-21	0.19	0.29	0.1	0	0	0	0	0	0	0	0
11/15/2023 15:17	48901 FOSP_T2	0	0	0	0	0	0	-0.25	-0.25	1	1	0	600	600	0
11/15/2023 15:19	60604 NCOL_T2	0	0	0	0	0	0	0.36	0.35	0	0	0	0	0	0
11/15/2023 15:19	65902 SAKR_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/15/2023 15:20	60604 NCOL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/15/2023 15:21	46001 BERW_T1	0	0	0	0	0	0	0.99	0.91	0	0	0	0	0	0
11/15/2023 15:21	67001 STHI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/15/2023 15:22	67001 STHI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/15/2023 15:24	46001 BERW_T1	0	0	0	0	0	0	0.99	0.91	0	0	0	0	0	0
11/15/2023 15:29	52404 GRPA_T2	1	1	0	0.6	0.5	-0.1	0	0	0	0	0	0	0	0
11/15/2023 15:33	50506 MECH_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/15/2023 15:34	50505 MECH_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/15/2023 15:34	54001 SDLE_T1	9	9	0	0.6	0.5	-0.1	0	0	0	0	0	0	0	0
11/15/2023 15:34	44901 SCOT_T2	0	0	0	0	0	0	-0.54	-0.5	0	0	0	0	0	0
11/15/2023 15:37	54001 SDLE_T1	9	9	0	0.6	0.5	-0.1	0	0	0	0	0	0	0	0
11/15/2023 15:42	52402 GRPA_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/15/2023 15:43	52402 GRPA_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/15/2023 15:51	14403 SSLA_T1	0	0	0	0	0	0	0.69	0.68	0	0	0	0	0	0
11/15/2023 17:12	59101 WALK_T2	1	1	0	0	0	0	0.99	0.95	0	0	0	0	0	0
11/15/2023 18:21	65001 NEFF_T2	0	0	0	0	0	0	-0.6	-0.86	1	1	0	1200	1200	0
11/15/2023 18:37	17802 GILB_T1	0	0	0	0	0	0	-0.01	0	0	0	0	0	0	0
11/15/2023 18:37	29402 BELT_T1	2	2	0	4.05	3.95	-0.1	0	0	0	0	0	0	0	0
11/15/2023 18:38	25402 LAHA_T2	130	136	6	0.78	0.86	0.08	-0.79	-0.79	0	0	0	0	0	0
11/15/2023 18:38	40101 HUNT_T2	200	191	-9	0.75	0.43	-0.32	-1.01	-0.99	1	1	0	300	300	0
11/15/2023 18:38	16301 ALPA_T1	0	0	0	0	0	0	-0.44	-0.43	0	0	0	0	0	0
11/15/2023 18:39	16302 ALPA_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/15/2023 18:39	12701 MACU_T1	0	0	0	0	0	0	0.06	0.08	0	0	0	0	0	0
11/15/2023 18:40	16301 ALPA_T1	0	0	0	0	0	0	-0.44	-0.43	0	0	0	0	0	0
11/15/2023 18:41	46802 HEPB_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/15/2023 18:41	20401 ASHF_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/15/2023 18:41	26401 INOR_T1	0	0	0	0	0	0	0.27	0.27	0	0	0	0	0	0
11/15/2023 18:41	61303 EARL_T1	0	0	0	0	0	0	0.38	0.34	0	0	0	0	0	0
11/15/2023 18:42	46001 BERW_T1	0	0	0	0	0	0	0.88	0.93	0	0	0	0	0	0
11/15/2023 18:42	14801 TREI_T2	0	0	0	0	0	0	0.42	0.46	0	0	0	0	0	0
11/15/2023 18:42	16302 ALPA_T2	0	0	0	0	0	0	0.6	0.56	0	0	0	0	0	0
11/15/2023 18:42	13302 ORVI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/15/2023 18:42	16301 ALPA_T1	0	0	0	0	0	0	-0.43	-0.44	0	0	0	0	0	0
11/15/2023 18:43	40101 HUNT_T2	200	191	-9	0.75	0.43	-0.32	-0.99	-1.01	1	1	0	300	300	0
11/15/2023 18:43	40201 BEGA_T2	2	4	2	0.5	1.5	1	0	0	0	0	0	0	0	0
11/15/2023 18:43	45902 AUBU_T1	0	0	0	0	0	0	-1.66	-1.66	2	2	0	1200	1200	0
11/15/2023 18:43	44901 SCOT_T2	0	0	0	0	0	0	-1.83	-1.74	1	1	0	1200	1200	0
11/15/2023 18:43	20401 ASHF_T2	0	1	1	0	0	0	0	0	0	0	0	0	0	0
11/15/2023 18:43	13704 SCHN_T2	0	0	0	0	0	0	-0.34	-0.34	0	0	0	0	0	0
11/15/2023 18:43	45901 AUBU_T1	0	0	0	0	0	0	1.66	1.7	0	0	0	0	0	0
11/15/2023 18:43	67502 WEWI_T2	0	0	0	0	0	0	-0.46	-0.41	0	0	0	0	0	0
11/15/2023 18:43	15001 BLMO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/15/2023 18:44	28403 HART_T2	0	0	0	0	0	0	-0.55	-0.55	1	1	0	900	900	0
11/15/2023 18:44	22101 EDEL_T2	0	0	0	0	0	0	0.43	0.44	1	1	0	1200	1200	0
11/15/2023 18:44	48901 FOSP_T2	0	0	0	0	0	0	-0.4	-0.43	1	1	0	600	600	0
11/15/2023 18:44	67503 WEWI_T2	0	0	0	0	0	0	-0.17	-0.15	0	0	0	0	0	0
11/15/2023 18:44	67002 STHI_T2	0	0	0	0	0	0	0.56	0.58	0	0	0	0	0	0
11/15/2023 18:45	52502 PROG_T2	0	0	0	0	0	0	-0.72	-0.71	1	1	0	900	900	0
11/15/2023 18:45	67502 WEWI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/15/2023 18:45	13302 ORVI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/15/2023 18:45	16302 ALPA_T2	0	0	0	0	0	0	0.6	0.56	0	0	0	0	0	0
11/15/2023 18:45	62604 ENGL_T1	0	0	0	0	0	0	-0.53	-0.51	1	1	0	600	600	0
11/15/2023 18:46	66504 SMAN_T2	0	0	0	0	0	0	-0.36	-0.41	2	0	0	0	0	0
11/15/2023 18:46	57401 SPAN_T1	2	2	0	0.45	0.6	0.15	-0.86	-0.91	1	1	0	600	600	0
11/15/2023 18:46	16302 ALPA_T2	0	0	0	0	0	0	0.6	0.56	0	0	0	0	0	0
11/15/2023 18:46	56802 BENV_T2	2	6	4	0.55	0.25	-0.3	-1.39	-1.38	0	0	0	0	0	0
11/15/2023 18:46	12701 MACU_T1	0	0	0	0	0	0	0.08	0.1	0	0	0	0	0	0
11/15/2023 18:46	43302 WATS_T2	4	4	0	0.53	0.65	0.12	0	0	0	0	0	0	0	0
11/15/2023 18:46	15001 BLMO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/15/2023 18:46	48901 FOSP_T2	0	0	0	0	0	0	-0.4	-0.43	1	1	0	600	600	0
11/15/2023 18:46	67502 WEWI_T2	0	0	0	0	0	0	-0.46	-0.41	0	0	0	0	0	0
11/15/2023 18:46	46001 BERW_T1	0	0	0	0	0	0	0.88	0.93	0	0	0	0	0	0
11/15/2023 18:46	45902 AUBU_T1	0	0	0	0	0	0	-0.83	-0.83	1	1	0	600	600	0
11/15/2023 18:46	62604 ENGL_T1	0	0	0	0	0	0	-0.53	-0.51	1	1	0	600	600	0
11/15/2023 18:47	12704 MACU_T1	0	1	1	0	0	0	0	0	0	0	0	0	0	0
11/15/2023 18:47	45902 AUBU_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/15/2023 18:47	66503 SMAN_T2	4	1	-3	0.1	0.1	0	0	0	0	0	0	0	0	0
11/15/2023 18:47	50701 SMEC_T1	0	0	0	0	0	0	0.05	0.05	0	0	0	0	0	0
11/15/2023 18:47	49803 UNIV_T1	0	0	0	0	0	0	-1.14	-1.16	0	0	0	0	0	0
11/15/2023 18:47	46802 HEPB_T1	0	0	0	0	0	0	-0.22	-0.22	0	0	0	0	0	0
11/15/2023 18:47	42201 SHEN_T2	0	0	0	0	0	0	0.04	0.03	1	1	0	600	600	0
11/15/2023 18:47	48901 FOSP_T2	0	0	0	0	0	0	-0.4	-0.43	1	1	0	600	600	0
11/15/2023 18:47	45501 DERR_T2	1	1	0	0.5	0.7	0.2	0.32	0.29	2	2	0	1800	1800	0
11/15/2023 18:47	40101 HUNT_T2	189	119	-70	0.67	0.42	-0.25	-0.99	-1.01	1	1	0	300	300	0
11/15/2023 18:47	67502 WEWI_T2	0	0	0	0	0	0	-0.46	-0.41	0	0	0	0	0	0
11/15/2023 18:47	61303 EARL_T1	0	0	0	0	0	0	0.38	0.34	0	0	0	0	0	0
11/15/2023 18:48	53501 EVIL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/15/2023 18:48	66505 SMAN_T2	0	4	4	0	0.27	0.27	0	0	1	1	0	900	900	0
11/15/2023 18:48	54504 ENOL_T2	0	0	0	0	0	0	-1.06	-0.93	1	1	0	600	600	0
11/15/2023 18:48	29401 BELT_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/15/2023 18:48	44601 SALE_T2	0	0	0	0	0	0	0.73	0.53	2	2	0	1200	1200	0
11/15/2023 18:48	43304 WATS_T2	2	3	1	0.45	0.2	-0.25	-0.13	-0.17	0	0	0	0	0	0
11/15/2023 18:48	52004 LING_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/15/2023 18:48	52502 PROG_T2	0	0	0	0	0	0	-0.72	-0.71	1	1	0	900	900	0
11/15/2023 18:48	41801 GOCI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/15/2023 18:48	44301 BEAV_T2	0	0	0	0	0	0	-0.23	-0.2	1	1	0	600	600	0
11/15/2023 18:48	13704 SCHN_T2	0	0	0	0	0	0	-0.34	-0.34	0	0	0	0	0	0
11/15/2023 18:48	67503 WEWI_T2	0	0	0	0	0	0	-0.17	-0.15	0	0	0	0	0	0
11/15/2023 18:48	54504 ENOL_T2	0	0	0	0	0	0	-1.06	-0.93	1	1	0	600	600	0
11/15/2023 18:48	15001 BLMO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/15/2023 18:48	46602 LACR_T1	0	0	0	0	0	0	-0.5	-0.6	0	0	0	0	0	0
11/15/2023 18:49	60501 NMAN_T2	3	3	0	3.33	4.5	1.17	0	0	0	0	0	0	0	0
11/15/2023 18:49	64801 MONE_T2	0	0	0	0	0	0	0.31	0.32	0	0	0	0	0	0
11/15/2023 18:49	64801 MONE_T2	0	0	0	0	0	0	0.31	0.32	0	0	0	0	0	0
11/15/2023 18:49	57401 SPAN_T1	2	2	0	0.45	0.6	0.15	0	0	0	0	0	0	0	0
11/15/2023 18:49	64101 REFR_T1	0	0	0	0	0	0	0.14	0.13	0	0	0	0	0	0
11/15/2023 18:49	63804 HEMP_T1	1	1	0	5.9	6.1	0.2	0	0	0	0	0	0	0	0
11/15/2023 18:49	53501 EVIL_T2	1	1	0	0.4	0.3	-0.1	-1.47	-1.34	2	2	0	1200	1200	0
11/15/2023 18:49	67605 WARW_T1	0	0	0	0	0	0	-1.12	-1.16	0	0	0	0	0	0
11/15/2023 18:49	61303 EARL_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/15/2023 18:49	12701 MACU_T1	0	0	0	0	0	0	0.08	0.1	0	0	0	0	0	0
11/15/2023 18:49	22901 HARW_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/15/2023 18:49	40602 PIGR_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/15/2023 18:49	16302 ALPA_T2	0	0	0	0	0	0	0.6	0.56	0	0	0	0	0	0
11/15/2023 18:49	45702 LIND_T2	1	1	0	1.5	1.5	0	-0.59	-0.59	0	0	0	0	0	0
11/15/2023 18:50	64101 REFR_T1	0	0	0	0	0	0	0.14	0.13	0	0	0	0	0	0
11/15/2023 18:50	67502 WEWI_T2	0	0	0	0	0	0	-0.46	-0.41	0	0	0	0	0	0
11/15/2023 18:50	67502 WEWI_T2	0	0	0	0	0	0	-0.46	-0.41	0	0	0	0	0	0
11/15/2023 18:50	45901 AUBU_T1	0	0	0	0	0	0	1.66	1.7	0	0	0	0	0	0
11/15/2023 18:50	46801 HEPB_T2	0	0	0	0	0	0	0.58	0.58	0	0	0	0	0	0
11/15/2023 18:50	57404 SPAN_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/15/2023 18:50	59202 THOM_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/15/2023 18:50	43001 ALWD_T1	0	3	3	0	0.1	0.1	0	0	0	0	0	0	0	0
11/15/2023 18:51	43304 WATS_T2	2	3	1	0.45	0.2	-0.25	-0.13	-0.17	0	0	0	0	0	0
11/15/2023 18:51	15001 BLMO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/15/2023 18:51	66503 SMAN_T2	4	1	-3	0.1	0.1	0	0	0	0	0	0	0	0	0
11/15/2023 18:51	64101 REFR_T1	0	0	0	0	0	0	0.14	0.13	0	0	0	0	0	0
11/15/2023 18:51	54501 ENOL_T2	0	1	1	0	0	0	0.09	0.1	0	0	0	0	0	0
11/15/2023 18:51	60101 COGA_T1	0	0	0	0	0	0	0.28	0.29	0	0	0	0	0	0
11/15/2023 18:51	45802 HEGI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/15/2023 18:51	66901 SHIL_T2	0	0	0	0

Appendix C - Grid Benefits Achieved in Each Instance of Active Management

11/15/2023 18:56	63802 HEMP_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/15/2023 18:56	59301 MCAL_T1	2	2	0	0.75	0.9	0.15	0	0	0	0	0	0	0	0
11/15/2023 18:57	46903 MNTG_T2	0	0	0	0	0	0	-0.22	0.27	1	0	-1	600	0	-600
11/15/2023 18:57	45902 AUBU_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/15/2023 18:57	43402 BENT_T1	0	0	0	0	0	0	-1.51	-1.51	2	2	0	1500	1500	0
11/15/2023 18:58	57401 SPAN_T1	2	2	0	0.45	0.6	0.15	-0.91	-0.83	1	1	0	600	600	0
11/15/2023 18:59	46001 BERW_T1	0	0	0	0	0	0	0.93	0.85	0	0	0	0	0	0
11/15/2023 18:59	42201 SHEN_T2	0	0	0	0	0	0	0.03	0.03	1	1	0	600	600	0
11/15/2023 19:00	13103 NHAM_T2	0	3	3	0	0	0	0	0	0	0	0	0	0	0
11/15/2023 19:00	42701 AUGU_T1	0	0	0	0	0	0	0	0	2	2	0	1800	1800	0
11/15/2023 19:00	61801 EEU_T2	2	3	1	1.25	1.3	0.05	-0.89	-0.89	1	1	0	600	600	0
11/15/2023 19:00	14403 SSLA_T1	0	0	0	0	0	0	0.71	0.65	0	0	0	0	0	0
11/15/2023 19:00	48901 FOSP_T2	0	0	0	0	0	0	-0.43	-0.44	1	1	0	600	600	0
11/15/2023 19:01	40201 BEGA_T2	4	2	-2	0.83	1.6	0.77	0	0	0	0	0	0	0	0
11/15/2023 19:01	43301 WATS_T2	0	1	1	0	0.4	0.4	0	0	0	0	0	0	0	0
11/15/2023 19:01	62604 ENGL_T1	0	0	0	0	0	0	-0.51	-0.48	1	1	0	600	600	0
11/15/2023 19:01	42701 AUGU_T1	0	0	0	0	0	0	0	0	2	2	0	1800	1800	0
11/15/2023 19:02	42201 SHEN_T2	0	0	0	0	0	0	0.03	0.03	1	1	0	600	600	0
11/15/2023 19:02	40201 BEGA_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/15/2023 19:02	56504 ROCK_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/15/2023 19:02	40101 HUNT_T2	87	104	17	0.44	0.44	0	-1.01	-1.02	1	1	0	300	300	0
11/15/2023 19:02	41902 REED_T1	0	0	0	0	0	0	1.03	1.02	0	0	0	0	0	0
11/15/2023 19:02	59101 WALK_T2	1	1	0	0	0	0	1.26	1.29	0	0	0	0	0	0
11/15/2023 19:02	64101 REFR_T1	0	0	0	0	0	0	0.13	0.13	0	0	0	0	0	0
11/15/2023 19:03	41902 REED_T1	0	0	0	0	0	0	1.03	1.02	0	0	0	0	0	0
11/15/2023 19:03	54701 NEBL_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/15/2023 19:03	61303 EARL_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/15/2023 19:03	45402 WILO_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/15/2023 19:03	54505 ENOL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/15/2023 19:03	61802 EEU_T2	0	1	1	0	0	0	0	0	0	0	0	0	0	0
11/15/2023 19:03	56802 BENV_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/15/2023 19:03	43304 WATS_T2	1	3	2	0.2	0	-0.2	0	0	0	0	0	0	0	0
11/15/2023 19:03	43001 ALWD_T1	0	7	7	0	0.1	0.1	0	0	0	0	0	0	0	0
11/15/2023 19:03	60604 NCOL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/15/2023 19:03	49803 UNIV_T1	0	0	0	0	0	0	-1.16	-1.11	0	0	0	0	0	0
11/15/2023 19:03	42903 MIDD_T2	2	2	0	1.6	1.7	0.1	0	0	0	0	0	0	0	0
11/15/2023 19:03	46203 DANV_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/15/2023 19:03	64101 REFR_T1	0	0	0	0	0	0	0.26	0.26	0	0	0	0	0	0
11/15/2023 19:04	64101 REFR_T1	0	0	0	0	0	0	0.13	0.13	0	0	0	0	0	0
11/15/2023 19:04	53803 MBRG_T2	0	0	0	0	0	0	0.04	0.06	0	0	0	0	0	0
11/15/2023 19:04	43302 WATS_T2	4	4	0	0.65	0.83	0.18	0	0	0	0	0	0	0	0
11/15/2023 19:04	54503 ENOL_T2	0	0	0	0	0	0	-0.38	-0.4	1	1	0	600	600	0
11/15/2023 19:04	41801 GOCI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/15/2023 19:04	64802 MONE_T2	0	0	0	0	0	0	-0.03	-0.06	0	0	0	0	0	0
11/15/2023 19:04	66505 SMAN_T2	4	1	-3	0.33	0.2	-0.13	0	0	0	0	0	0	0	0
11/15/2023 19:04	51301 WIND_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/15/2023 19:04	44901 SCOT_T2	0	0	0	0	0	0	-1.74	-1.94	1	1	0	1200	1200	0
11/15/2023 19:04	53501 EVIL_T2	1	1	0	0.1	0.3	0.2	-1.34	-1.43	2	2	0	1200	1200	0
11/15/2023 19:04	42902 MIDD_T2	0	0	0	0	0	0	-0.47	-0.5	0	0	0	0	0	0
11/15/2023 19:04	55002 NEWP_T1	3	4	1	0.3	0.55	0.25	-0.23	-0.24	0	0	0	0	0	0
11/15/2023 19:04	56802 BENV_T2	6	3	-3	0.23	0.43	0.2	-5.52	-5.52	0	0	0	0	0	0
11/15/2023 19:04	57404 SPAN_T2	0	0	0	0	0	0	1.25	1.27	0	0	0	0	0	0
11/15/2023 19:04	54505 ENOL_T2	1	1	0	0.5	0.6	0.1	-1.33	-1.33	1	1	0	600	600	0
11/15/2023 19:04	57403 SPAN_T1	0	0	0	0	0	0	0.1	0.05	0	0	0	0	0	0
11/15/2023 19:04	53903 HALI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/15/2023 19:04	66703 STHL_T1	3	1	-2	0.27	0.3	0.03	-0.32	-0.33	0	0	0	0	0	0
11/15/2023 19:05	43301 WATS_T2	0	1	1	0	0.4	0.4	-0.58	-0.62	1	1	0	900	900	0
11/15/2023 19:05	65902 SAKR_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/15/2023 19:05	46901 MNTG_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/15/2023 19:05	45802 HEGI_T2	0	0	0	0	0	0	1.16	0.79	0	0	0	0	0	0
11/15/2023 19:05	40101 HUNT_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/15/2023 19:05	58402 MORO_T1	1	0	-1	0.2	0	-0.2	-0.81	-0.83	2	2	0	1500	1500	0
11/15/2023 19:05	52401 GRPA_T2	0	1	1	0	0.2	0.2	0	0	0	0	0	0	0	0
11/15/2023 19:05	43304 WATS_T2	1	3	2	0.2	0	-0.2	-0.34	-0.42	0	0	0	0	0	0
11/15/2023 19:05	46203 DANV_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/15/2023 19:05	40602 PIGR_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/15/2023 19:05	53501 EVIL_T2	1	1	0	0.1	0.3	0.2	-1.34	-1.43	2	2	0	1200	1200	0
11/15/2023 19:05	56802 BENV_T2	6	3	-3	0.23	0.43	0.2	-2.76	-2.76	0	0	0	0	0	0
11/15/2023 19:05	50701 SMEC_T1	0	0	0	0	0	0	0.05	0.04	0	0	0	0	0	0
11/15/2023 19:05	52501 PROG_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/15/2023 19:05	57401 SPAN_T1	2	2	0	0.6	0.75	0.15	-0.91	-0.83	1	1	0	600	600	0
11/15/2023 19:06	54204 PENN_T2	1	1	0	0.1	0.1	0	0	0	0	0	0	0	0	0
11/15/2023 19:06	56802 BENV_T2	6	3	-3	0.23	0.43	0.2	-1.38	-1.38	0	0	0	0	0	0
11/15/2023 19:06	59101 WALK_T2	1	1	0	0	0	0	1.26	1.29	0	0	0	0	0	0
11/15/2023 19:06	55105 WERT_T1	0	0	0	0	0	0	-0.68	-0.64	1	1	0	900	900	0
11/15/2023 19:06	54001 SDLE_T1	2	2	0	0.85	0.95	0.1	0	0	0	0	0	0	0	0
11/15/2023 19:06	56501 ROCK_T2	1	1	0	1.2	0.1	-1.1	0	0	0	0	0	0	0	0
11/15/2023 19:06	52401 GRPA_T2	0	1	1	0	0.2	0.2	0	0	0	0	0	0	0	0
11/15/2023 19:07	57401 SPAN_T1	2	2	0	0.6	0.75	0.15	-0.91	-0.83	1	1	0	600	600	0
11/15/2023 19:07	56501 ROCK_T2	1	1	0	1.2	0.1	-1.1	-0.15	-0.14	0	0	0	0	0	0
11/15/2023 19:07	50506 MECH_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/15/2023 19:07	50701 SMEC_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/15/2023 19:07	52402 GRPA_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/15/2023 19:07	55002 NEWP_T1	3	4	1	0.3	0.55	0.25	-0.23	-0.24	0	0	0	0	0	0
11/15/2023 19:08	60902 DONG_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/15/2023 19:08	40903 JESH_T1	0	2	2	0	0.1	0.1	0	0	0	0	0	0	0	0
11/15/2023 19:08	52403 GRPA_T2	3	4	1	1.1	1.9	0.8	-0.05	-0.03	0	0	0	0	0	0
11/15/2023 19:08	56802 BENV_T2	6	3	-3	0.23	0.43	0.2	-1.38	-1.38	0	0	0	0	0	0
11/15/2023 19:08	59101 WALK_T2	1	1	0	0	0	0	1.26	1.29	0	0	0	0	0	0
11/15/2023 19:08	58402 MORO_T1	1	0	-1	0.2	0	-0.2	-0.81	-0.83	2	2	0	1500	1500	0
11/15/2023 19:08	51301 WIND_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/15/2023 19:09	50506 MECH_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/15/2023 19:09	56501 ROCK_T2	1	1	0	1.2	0.1	-1.1	0	0	0	0	0	0	0	0
11/15/2023 19:09	56802 BENV_T2	6	3	-3	0.23	0.43	0.2	-1.38	-1.38	0	0	0	0	0	0
11/15/2023 19:09	57403 SPAN_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/15/2023 19:09	57403 SPAN_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/15/2023 19:09	56801 BENV_T1	7	8	1	0.47	0.44	-0.03	-0.75	-0.77	1	1	0	600	600	0
11/15/2023 19:09	54501 ENOL_T2	0	0	0	0	0	0	0.1	0.12	0	0	0	0	0	0
11/15/2023 19:09	54001 SDLE_T1	2	2	0	0.85	0.95	0.1	0	0	0	0	0	0	0	0
11/15/2023 19:10	51201 MTON_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/15/2023 19:11	57403 SPAN_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/15/2023 19:13	54206 PENN_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/15/2023 19:13	54503 ENOL_T2	0	0	0	0	0	0	-0.4	-0.4	1	1	0	600	600	0
11/15/2023 19:20	64303 LINC_T1	0	0	0	0	0	0	-0.24	-0.24	0	0	0	0	0	0
11/15/2023 19:22	57401 SPAN_T1	2	2	0	0.45	0.75	0.3	-0.83	-0.88	1	1	0	600	600	0
11/15/2023 19:23	43402 BENT_T1	0	0	0	0	0	0	-1.51	-1.5	2	2	0	1500	1500	0
11/15/2023 19:28	62604 ENGL_T1	0	0	0	0	0	0	-0.5	-0.51	1	1	0	600	600	0
11/15/2023 19:39	56802 BENV_T2	3	13	10	0.43	0.22	-0.21	-1.4	-1.43	0	0	0	0	0	0
11/15/2023 19:41	56802 BENV_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/15/2023 19:44	65001 NEFF_T2	0	0	0	0	0	0	-0.91	-0.91	1	1	0	1200	1200	0
11/15/2023 19:57	43402 BENT_T1	0	3	3	0	0	0	-0.9	-0.9	1	1	0	900	900	0
11/15/2023 19:58	41902 REED_T1	0	3	3	0	0	0	1.02	1.07	0	0	0	0	0	0
11/16/2023 0:28	54502 ENOL_T2	1	1	0	0.3	0.2	-0.1	0	0	0	0	0	0	0	0
11/16/2023 0:28	20403 ASHF_T2	0	0	0	0	0	0	0.11	0.14	0	0	0	0	0	0
11/16/2023 0:28	62607 ENGL_T1	0	0	0	0	0	0	0.11	0.12	1	1	0	300	300	0
11/16/2023 0:28	62607 ENGL_T1	0	0	0	0	0	0	0.11	0.12	1	1	0	300	300	0
11/16/2023 0:28	43302 WATS_T2	4	2	-2	0.18	0.1	-0.08	0	0	0	0	0	0	0	0
11/16/2023 0:28	56501 ROCK_T2	0	1	1	0	0.1	0.1	-0.18	-0.42	0	0	0	0	0	0
11/16/2023 0:28	67502 WEWI_T2	0	1	1	0	0	0	-1.63	-1.6	1	1	0	900	900	0
11/16/2023 0:28	56504 ROCK_T2	0	0	0	0	0	0	-0.46	-0.47	0	0	0	0	0	0
11/16/2023 0:28	54505 ENOL_T2	1	1	0	0.5	0.5	0	0	0	0	0	0	0	0	0
11/16/2023 0:28	54202 PENN_T2	0	0	0	0	0	0	0.5	0.44	0	0	0	0	0	0
11/16/2023 0:28	64301 LINC_T1	0	0	0	0	0	0	0.12	0.16	0	0	0	0	0	0
11/16/2023 0:28	67503 WEWI_T2	0	0	0	0	0	0	-0.37	-0.36	0	0	0	0	0	0
11/16/2023 0:28	41801 GOCI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/16/2023 0:28	42903 MIDD_T2	2	7	5	2.4	0.87	-1.53	-0.13	-0.16	0	0	0	0	0	0
11/16/2023 0:28	56802 BENV_T2	1	1	0	0.4	0.1	-0.3	-4.23	-4.32	0	0	0	0	0	0
11/16/2023 0:28	57401 SPAN_T1	0	2	2	0	0.15	0.15	-1.02	-1.03	1	1	0	600	600	0
11/16/2023 0:28	59101 WALK_T2	1	1	0	0	0	0	0.64	0.69	0	0	0	0	0	0
11/16/2023 0:28	29401 BELT_T1	0	0	0	0	0	0	0	0	1	1	0	900	900	0
11/16/2023 0:28	10801 CHHI_T1	0	0	0	0	0	0	-1.02	-1.03	1	1	0	900	900	0
11/16/2023 0:28	27502 WEIS_T2	0	0	0	0	0	0	-0.84	-0.84	0	0	0	0	0	0
11/16/2023 0:28	43201 MVIL_T2	0	0	0	0	0	0	1.32	1.33	0	0	0	0	0	0
11/16/2023 0:28	45902 AUBU_T1	0	0	0	0	0	0	-0.74	-0.81	1	1	0	600	600	0
11/16/2023 0:28	67002 STHI_T2	0	0	0	0	0	0	0.45	0.43	0	0	0	0	0	0
11/16/2023 0:28	41901 REED_T1	0	0	0	0	0	0	-1.52	-1.47	1	1	0	900	900	0
11/16/2023 0:28	44901 SCOT_T2	0	0	0	0	0	0	-0.71	-0.66	0	0	0	0	0	0
11/16/2023 0:28	52502 PROG_T2	0	0	0	0	0	0	-0.73	-0.75	1	1	0	900	900	0
11/16/2023 0:28	64101 REFR_T1	0	0	0	0	0	0	-0.01	-0.01	0	0	0	0	0	0
11/16/2023 7:58	45501 DERR_T2	8	7	-1	0.31	0.78	0.47	1.2	1.21	2	2	0	1800	1800	0
11/16/2023 8:01	40101 HUNT_T2	63	212	149	0.51	0.52	0.01	-0.51	-0.5	0	0	0	0	0	0
11/16/2023 8:05	54701 NEBL_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/16/2023 8:07	43001 ALWD_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/16/2023 8:08	43001 ALWD_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/16/2023 8:11	45502 DERR_T2	0	2	2	0	0.3	0.3	0	0	0	0	0	0	0	0
11/16/2023 8:15	58402 MORO_T1	0	1	1	0	0	0	-2.07	-2.08	3	3	0	2400	2400	0
11/16/2023 8:20	58402 MORO_T1	0	1	1	0	0	0	-2.07	-2.08	3	3	0	2400	2400	0
11/16/2023 8:24	46203 DANV_T2	0	0	0	0	0	0	-2.52	-2.48	0	0	0	0	0	0
11/16/2023 8:25	46203 DANV_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/16/2023 8:32	55002 NEWP_T1	6	7	1	0.37	0.77	0.4	-0.21	-0.2	0	0	0	0	0	0
11/16/2023 8:34	13901 SEID_T1	0	0	0	0	0	0	0.27	0.28	0	0	0	0	0	0
11/16/2023 8:36	49804 UNIV_T1	0	1	1	0	0.4	0.4	0	0	0	0	0	0	0	0
11/16/2023 8:59	64702 LITI_T2	0	0	0	0	0	0	-1.54	-1.56	0	0	0	0	0	0
11/16/2023 9:00	56504 ROCK_T2	0	0	0	0	0	0	-0.25	-0.12	0	0	0	0	0	0
11/16/2023 9:00	54502 ENOL_T2	1	1	0	0.3	0.7	0.4	0	0	0	0	0	0	0	0
11/16/2023 9:00	52503 PROG_T2	0	0	0	0	0	0	-0.65	-0.64	1	1	0	900	900	0
11/16/2023 9:00	67502 WEWI_T2	1	1	0	0.8	0.6	-0.2	0	0	0	0	0	0	0	0
11/16/2023 9:00	53901 HALI_T2	1	1	0	0.1	0.2	0.1	0	0	0	0	0	0	0	0
11/16/2023 9:00	64703 LITI_T2	0	0	0	0	0	0	-0.77	-0.78	0	0	0	0	0	0
11/16/2023 9:00	58402 MORO_T1	1	1	0	1.1	0	-1.1	-1.02	-1.04	2	2	0	1500	1500	0
11/16/2023 9:00	51602 DUKE_T2	0	1	1	0	0.1	0.1	0	0	0	0	0	0	0	0
11/16/2023 9:00	64802 MONE_T2	15	40	25	0.15	0.22	0.07	0.16	0.14	0	0	0	0	0	0
11/16/2023 9:01	42201 SHEN_T2	0	0	0	0	0	0	0.08	0.04	1	1	0	600	600	0
11/16/2023 9:01	45501 DERR_T2	13	12	-1	0.75	0.61	-0.14	1.07	0.98	2	2	0	1800	1800	0
11/16/2023 9:01	43001 ALWD_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/16/2023 9:01	60604 NCOL_T2	0	0	0	0	0	0	0.19	0.28	0	0	0	0	0	0
11/16/2023 9:09	45501 DERR_T2	13	12	-1	0.75	0.61	-0.14	1.07	0.98	2	2	0	1800	1800	0
11/16/2023 9:11	52402 GRPA_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/16/2023 9:11	46206 DANV_T2	0	1	1	0	0	0	0	0	0	0	0	0	0	0
11/16/2023 9:11	54501 ENOL_T2	0	1	1	0	0.2	0.2	0	0	0	0	0	0	0	0
11/16/2023 9:11	41801 GOCI_T2	2	3	1	0.4	0.23	-0.17	0	0	0	0	0	0	0	0
11/16/2023 9:13	46206 DANV_T2	0	1	1	0	0	0	0	0	0	0	0	0	0	0
11/16/2023 9:14	41801 GOCI_T2	2	3	1	0.4	0.23	-0.17	0	0	0	0	0	0	0	0
11/16/2023 9:15	25402 LAHA_T2	96	126	30	0.39	0.55	0.16	-0.83	-0.83	0	0	0	0	0	0
11/16/2023 9:19	55002 NEWP_T1	7	8	1	0.67	1.2	0.53	-0.17	-0.18	0	0	0	0	0	0
11/16/2023 9:21	64101 REFR_T1	0	2	2	0	0.1	0.1	-0.19	-0.26	0	0	0	0	0	0
11/16/2023 9:22	64101 REFR_T1	0	2	2	0	0.1	0.1	-0.28	-0.4	0	0	0	0	0	0
11/16/2023 9:23	56802 BENV_T2	21	360	339	0.21	0.29	0.08	-1.25	-1.27	0	0	0	0	0	0
11/16/2023 9:24	64101 REFR_T1	0	2	2	0	0.1	0.1	-0.09	-0.13	0	0	0	0	0	0
11/16/2023 9:25	56802 BENV_T2	21	360	339	0.21	0.29	0.08	-1.25	-1.27	0	0	0	0	0	0
11/16/2023 9:26	56802 BENV_T2	0	0	0

Appendix C - Grid Benefits Achieved in Each Instance of Active Management

11/16/2023 10:03	42801 SELI_T1	1	1	0	0	0	0	0	0	0	0	0	0	0	0
11/16/2023 10:03	67002 STHI_T2	140	240	100	0.18	0.18	0	0.65	0.65	0	0	0	0	0	0
11/16/2023 10:04	42801 SELI_T1	1	1	0	0	0	0	0	0	0	0	0	0	0	0
11/16/2023 10:04	43304 WATS_T2	0	0	0	0	0	0	-0.36	-0.29	0	0	0	0	0	0
11/16/2023 10:04	64101 REFR_T1	3	2	-1	0.3	0.25	-0.05	-0.41	-0.31	0	0	0	0	0	0
11/16/2023 10:04	67001 STHI_T2	542	605	63	0.2	0.26	0.06	0	0	0	0	0	0	0	0
11/16/2023 10:06	67605 WARW_T1	4	16	12	0.3	0.35	0.05	-1.24	-1.28	0	0	0	0	0	0
11/16/2023 10:06	67203 TEHI_T1	3	2	-1	0.3	0.4	0.1	2.77	2.63	2	2	0	1200	1200	0
11/16/2023 10:06	67001 STHI_T2	542	605	63	0.2	0.26	0.06	0	0	0	0	0	0	0	0
11/16/2023 10:06	64101 REFR_T1	3	2	-1	0.3	0.25	-0.05	-0.41	-0.31	0	0	0	0	0	0
11/16/2023 10:07	29401 BELT_T1	14	29	15	0.12	0.16	0.04	0	0	1	1	0	900	900	0
11/16/2023 10:07	42802 SELI_T1	0	1	1	0	0.3	0.3	-3.8	-3.76	2	2	0	1800	1800	0
11/16/2023 10:08	43304 WATS_T2	0	0	0	0	0	0	-0.18	-0.15	0	0	0	0	0	0
11/16/2023 10:08	28604 BLYT_T2	0	0	0	0	0	0	-1.39	-1.41	0	0	0	0	0	0
11/16/2023 10:10	46203 DANV_T2	7	1	-6	0.41	0.2	-0.21	-2.66	-1.41	0	0	0	0	0	0
11/16/2023 10:10	29402 BELT_T1	2	3	1	4.15	2.83	-1.32	0	0	0	0	0	0	0	0
11/16/2023 10:10	64101 REFR_T1	3	2	-1	0.3	0.25	-0.05	-0.21	-0.15	0	0	0	0	0	0
11/16/2023 10:10	43304 WATS_T2	0	0	0	0	0	0	-0.18	-0.15	0	0	0	0	0	0
11/16/2023 10:10	45502 DERR_T2	1	1	0	0.8	0.6	-0.2	0	0	0	0	0	0	0	0
11/16/2023 10:10	42701 AUGU_T1	1	1	0	0.2	0.3	0.1	0	0	4	4	0	3600	3600	0
11/16/2023 10:14	12701 MACU_T1	0	1	1	0	0	0	0.02	0	0	0	0	0	0	0
11/16/2023 10:14	52402 GRPA_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/16/2023 10:15	58401 MORO_T1	1	4	3	0.2	0.33	0.13	0	0	0	0	0	0	0	0
11/16/2023 10:15	52402 GRPA_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/16/2023 10:16	58402 MORO_T1	0	0	0	0	0	0	-0.94	-0.93	2	2	0	1500	1500	0
11/16/2023 10:16	60502 NMAN_T2	0	0	0	0	0	0	-0.12	-0.14	0	0	0	0	0	0
11/16/2023 10:17	12701 MACU_T1	0	1	1	0	0	0	0.02	0	0	0	0	0	0	0
11/16/2023 10:17	56501 ROCK_T2	18	86	68	0.23	0.21	-0.02	-1.5	-1.56	0	0	0	0	0	0
11/16/2023 10:18	42802 SELI_T1	0	1	1	0	0.3	0.3	-1.88	-1.88	1	1	0	900	900	0
11/16/2023 10:19	13302 ORVI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/16/2023 10:19	64802 MONE_T2	2	27	25	0.3	0.25	-0.05	0.13	0.09	0	0	0	0	0	0
11/16/2023 10:19	42801 SELI_T1	1	1	0	0	0	0	0	0	0	0	0	0	0	0
11/16/2023 10:20	13704 SCHN_T2	1	1	0	0.2	0.2	0	-0.32	-0.32	0	0	0	0	0	0
11/16/2023 10:20	54701 NEBL_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/16/2023 10:20	67502 WEWI_T2	1	12	11	0.7	0.33	-0.37	-0.48	-0.4	0	0	0	0	0	0
11/16/2023 10:20	67001 STHI_T2	465	608	143	0.16	0.27	0.11	0	0	0	0	0	0	0	0
11/16/2023 10:21	67002 STHI_T2	59	252	193	0.23	0.18	-0.05	1.3	1.3	0	0	0	0	0	0
11/16/2023 10:21	40602 PIGR_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/16/2023 10:21	67503 WEWI_T2	0	3	3	0	0.13	0.13	0	0	0	0	0	0	0	0
11/16/2023 10:21	13302 ORVI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/16/2023 10:21	13704 SCHN_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/16/2023 10:22	67502 WEWI_T2	1	12	11	0.7	0.33	-0.37	-0.24	-0.2	0	0	0	0	0	0
11/16/2023 10:22	57403 SPAN_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/16/2023 10:22	29401 BELT_T1	28	10	-18	0.15	0.16	0.01	0	0	1	1	0	900	900	0
11/16/2023 10:23	57401 SPAN_T1	16	139	123	0.3	0.3	0	-2.36	-2.24	2	2	0	1200	1200	0
11/16/2023 10:23	15001 BLMO_T1	2	2	0	0.5	0.5	0	0	0	0	0	0	0	0	0
11/16/2023 10:23	29401 BELT_T1	28	10	-18	0.15	0.16	0.01	0	0	1	1	0	900	900	0
11/16/2023 10:24	61803 EEU_T2	1	2	1	0.3	0.6	0.3	0	0	0	0	0	0	0	0
11/16/2023 10:24	67503 WEWI_T2	0	3	3	0	0.13	0.13	-0.37	-0.36	0	0	0	0	0	0
11/16/2023 10:24	67503 WEWI_T2	0	3	3	0	0.13	0.13	-0.37	-0.36	0	0	0	0	0	0
11/16/2023 10:24	56801 BENV_T1	48	39	-9	0.99	0.88	-0.11	-0.76	-0.14	1	0	-1	600	0	-600
11/16/2023 10:24	56802 BENV_T2	21	10	-11	0.22	0.29	0.07	-1.22	-1.14	0	0	0	0	0	0
11/16/2023 10:25	60101 COCA_T1	5	3	-2	0.4	0.43	0.03	0.46	0.36	0	0	0	0	0	0
11/16/2023 10:25	67502 WEWI_T2	1	12	11	0.7	0.33	-0.37	-0.24	-0.2	0	0	0	0	0	0
11/16/2023 10:25	53501 EVIL_T2	3	5	2	0.2	0.4	0.2	-0.58	-0.52	2	2	0	1200	1200	0
11/16/2023 10:25	43001 ALWD_T1	1	1	0	0.1	0.3	0.2	0	0	0	0	0	0	0	0
11/16/2023 10:26	53903 HALI_T2	3	3	0	0.7	1.03	0.33	-0.17	-0.13	0	0	0	0	0	0
11/16/2023 10:26	15001 BLMO_T1	2	2	0	0.5	0.5	0	0	0	0	0	0	0	0	0
11/16/2023 10:26	43001 ALWD_T1	1	1	0	0.1	0.3	0.2	0	0	0	0	0	0	0	0
11/16/2023 10:26	56801 BENV_T1	48	39	-9	0.99	0.88	-0.11	-0.14	-0.13	1	0	-1	600	0	-600
11/16/2023 10:26	56802 BENV_T2	21	10	-11	0.22	0.29	0.07	-0.57	-0.62	0	0	0	0	0	0
11/16/2023 10:26	53501 EVIL_T2	3	5	2	0.2	0.4	0.2	-1.05	-1.17	4	4	0	2400	2400	0
11/16/2023 10:27	66502 SMAN_T2	0	1	1	0	0.2	0.2	0	0	0	0	0	0	0	0
11/16/2023 10:27	54501 ENOL_T2	0	1	1	0	0.1	0.1	0	0	0	0	0	0	0	0
11/16/2023 10:27	56801 BENV_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/16/2023 10:28	53903 HALI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/16/2023 10:28	60101 COCA_T1	5	3	-2	0.4	0.43	0.03	0.36	0.35	0	0	0	0	0	0
11/16/2023 10:29	26401 INOR_T1	1	0	-1	0.3	0	-0.3	0	0	0	0	0	0	0	0
11/16/2023 10:30	53501 EVIL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/16/2023 10:31	64801 MONE_T2	1	1	0	0.2	0.2	0	0	0	0	0	0	0	0	0
11/16/2023 10:31	65004 NEFF_T2	0	1	1	0	0.2	0.2	-0.52	-0.52	0	0	0	0	0	0
11/16/2023 10:32	54206 PENN_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/16/2023 10:33	56504 ROCK_T2	4	2	-2	0.28	0.35	0.07	0	0	0	0	0	0	0	0
11/16/2023 10:33	58302 NOTT_T1	0	1	1	0	0.1	0.1	-0.27	-0.4	1	1	0	1200	1200	0
11/16/2023 10:34	67001 STHI_T2	599	578	-21	0.26	0.23	-0.03	0.1	0.06	0	0	0	0	0	0
11/16/2023 10:34	67001 STHI_T2	599	578	-21	0.26	0.23	-0.03	0.1	0.06	0	0	0	0	0	0
11/16/2023 10:34	57403 SPAN_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/16/2023 10:35	65001 NEFF_T2	4	2	-2	0.15	0.2	0.05	-0.39	-0.42	1	1	0	1200	1200	0
11/16/2023 10:35	16302 ALPA_T2	1	1	0	0.2	0.3	0.1	0.69	0.73	0	0	0	0	0	0
11/16/2023 10:35	64101 REFR_T1	2	4	2	0.25	0.28	0.03	-0.14	-0.15	0	0	0	0	0	0
11/16/2023 10:35	42201 SHEN_T2	0	0	0	0	0	0	0.05	0	1	1	0	600	600	0
11/16/2023 10:35	56504 ROCK_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/16/2023 10:36	16302 ALPA_T2	1	1	0	0.2	0.3	0.1	1.38	1.46	0	0	0	0	0	0
11/16/2023 10:36	57403 SPAN_T1	169	178	9	0.53	0.75	0.22	0	0	0	0	0	0	0	0
11/16/2023 10:36	67001 STHI_T2	599	578	-21	0.26	0.23	-0.03	0	0	0	0	0	0	0	0
11/16/2023 10:36	67002 STHI_T2	239	178	-61	0.18	0.18	0	1.95	2.01	0	0	0	0	0	0
11/16/2023 10:36	67204 TEHI_T2	1	0	-1	0.1	0	-0.1	-0.05	-0.08	0	0	0	0	0	0
11/16/2023 10:37	67001 STHI_T2	599	578	-21	0.26	0.23	-0.03	0	0	0	0	0	0	0	0
11/16/2023 10:37	67001 STHI_T2	599	578	-21	0.26	0.23	-0.03	0	0	0	0	0	0	0	0
11/16/2023 10:37	16301 ALPA_T1	20	111	91	0.19	0.18	-0.01	-0.42	-0.44	0	0	0	0	0	0
11/16/2023 10:38	67001 STHI_T2	599	578	-21	0.26	0.23	-0.03	0	0	0	0	0	0	0	0
11/16/2023 10:38	16302 ALPA_T2	1	1	0	0.2	0.3	0.1	0.69	0.73	0	0	0	0	0	0
11/16/2023 10:38	67204 TEHI_T2	1	0	-1	0.1	0	-0.1	-0.05	-0.08	0	0	0	0	0	0
11/16/2023 10:39	46203 DANV_T2	2	1	-1	0.2	1.1	0.9	0	0	0	0	0	0	0	0
11/16/2023 10:40	54505 ENOL_T2	2	1	-1	4	1.2	-2.8	0	0	0	0	0	0	0	0
11/16/2023 10:40	16301 ALPA_T1	20	111	91	0.19	0.18	-0.01	-0.42	-0.44	0	0	0	0	0	0
11/16/2023 10:41	54505 ENOL_T2	2	1	-1	4	1.2	-2.8	-2.72	-2.64	2	2	0	1200	1200	0
11/16/2023 10:41	54502 ENOL_T2	1	1	0	0.7	0.8	0.1	-2.06	-1.43	1	0	-1	600	0	-600
11/16/2023 10:41	54505 ENOL_T2	2	1	-1	4	1.2	-2.8	-2.72	-2.64	2	2	0	1200	1200	0
11/16/2023 10:41	54504 ENOL_T2	0	1	1	0	0.1	0.1	-1.08	-1.08	1	1	0	600	600	0
11/16/2023 10:41	45802 HEGI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/16/2023 10:42	54501 ENOL_T2	0	1	1	0	0.2	0.2	0	0	0	0	0	0	0	0
11/16/2023 10:42	45802 HEGI_T2	0	0	0	0	0	0	0.7	0.66	1	1	0	900	900	0
11/16/2023 10:42	46803 HEPB_T2	0	1	1	0	0.4	0.4	0	0	0	0	0	0	0	0
11/16/2023 10:43	54502 ENOL_T2	1	1	0	0.7	0.8	0.1	0	0	0	0	0	0	0	0
11/16/2023 10:43	54503 ENOL_T2	0	0	0	0	0	0	-0.43	-0.44	1	1	0	600	600	0
11/16/2023 10:43	16301 ALPA_T1	20	111	91	0.19	0.18	-0.01	-0.44	-0.43	0	0	0	0	0	0
11/16/2023 10:43	54502 ENOL_T2	1	1	0	0.7	0.8	0.1	0	0	0	0	0	0	0	0
11/16/2023 10:44	54504 ENOL_T2	0	1	1	0	0.1	0.1	-1.08	-1.08	1	1	0	600	600	0
11/16/2023 10:44	54505 ENOL_T2	2	1	-1	4	1.2	-2.8	0	0	0	0	0	0	0	0
11/16/2023 10:44	45702 LIND_T2	1	1	0	0.4	0.7	0.3	-0.4	-0.41	0	0	0	0	0	0
11/16/2023 10:45	58401 MORO_T1	4	6	2	0.33	0.48	0.15	-0.92	-0.99	1	1	0	600	600	0
11/16/2023 10:46	52402 GRPA_T2	36	42	6	0.54	0.56	0.02	0	0	0	0	0	0	0	0
11/16/2023 10:46	52402 GRPA_T2	36	42	6	0.54	0.56	0.02	0	0	0	0	0	0	0	0
11/16/2023 10:46	58401 MORO_T1	4	6	2	0.33	0.48	0.15	-0.92	-0.99	1	1	0	600	600	0
11/16/2023 10:47	58401 MORO_T1	4	6	2	0.33	0.48	0.15	-1.84	-1.98	2	2	0	1200	1200	0
11/16/2023 10:47	64101 REFR_T1	4	1	-3	0.28	0.2	-0.08	-0.15	-0.14	0	0	0	0	0	0
11/16/2023 10:48	42201 SHEN_T2	0	0	0	0	0	0	0	0.01	1	1	0	600	600	0
11/16/2023 10:48	54202 PENN_T2	1	4	3	0.2	0.13	-0.07	0	0	0	0	0	0	0	0
11/16/2023 10:48	58401 MORO_T1	4	6	2	0.33	0.48	0.15	-0.92	-0.99	1	1	0	600	600	0
11/16/2023 10:48	46903 MNTG_T2	1	2	1	0.4	0.3	-0.1	0	0	0	0	0	0	0	0
11/16/2023 10:48	55002 NEWP_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/16/2023 10:49	56504 ROCK_T2	2	2	0	0.35	0.25	-0.1	0	0	0	0	0	0	0	0
11/16/2023 10:49	54206 PENN_T2	3	3	0	0.13	0.27	0.14	0	0	0	0	0	0	0	0
11/16/2023 10:49	55002 NEWP_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/16/2023 10:49	57401 SPAN_T1	137	179	42	0.3	0.36	0.06	0	0	0	0	0	0	0	0
11/16/2023 10:49	58401 MORO_T1	4	6	2	0.33	0.48	0.15	-0.92	-0.99	1	1	0	600	600	0
11/16/2023 10:50	55002 NEWP_T1	9	10	1	0.77	0.99	0.22	-0.16	-0.16	0	0	0	0	0	0
11/16/2023 10:51	13704 SCHN_T2	1	1	0	0.2	0.3	0.1	-0.31	-0.33	0	0	0	0	0	0
11/16/2023 10:51	56501 ROCK_T2	83	76	-7	0.21	0.22	0.01	0	0	0	0	0	0	0	0
11/16/2023 10:51	57403 SPAN_T1	146	179	33	0.49	0.75	0.26	0	0	0	0	0	0	0	0
11/16/2023 10:52	57403 SPAN_T1	146	179	33	0.49	0.75	0.26	0.04	0.03	0	0	0	0	0	0
11/16/2023 10:52	27502 WEIS_T2	0	0	0	0	0	0	-0.55	-0.49	0	0	0	0	0	0
11/16/2023 10:53	67503 WEWI_T2	3	4	1	0.13	0.3	0.17	-0.37	-0.37	0	0	0	0	0	0
11/16/2023 10:53	42201 SHEN_T2	0	0	0	0	0	0	0	0.01	1	1	0	600	600	0
11/16/2023 10:54	67502 WEWI_T2	12	19	7	0.33	0.36	0.03	0	0	0	0	0	0	0	0
11/16/2023 10:54	60201 ATGL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/16/2023 10:54	29401 BELT_T1	3	28	25	0.13	0.19	0.06	0	0	1	1	0	900	900	0
11/16/2023 10:55	54503 ENOL_T2	0	0	0	0	0	0	-0.43	-0.44	1	1	0	600	600	0
11/16/2023 10:57	54505 ENOL_T2	1	1	0	1.2	1.2	0	-1.32	-1.34	1	1	0	600	600	0
11/16/2023 10:57	54504 ENOL_T2	0	1	1	0	0.2	0.2	0	0	0	0	0	0	0	0
11/16/2023 10:57	46802 HEPB_T1	59	134	75	0.22	0.34	0.12	-1.31	-1.29	0	0	0	0	0	0
11/16/2023 10:58	47001 HUGH_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/16/2023 10:59	54505 ENOL_T2	1	1	0	1.2	1.2	0	-1.32	-1.34	1	1	0	600	600	0
11/16/2023 10:59	46802 HEPB_T1	59	134	75	0.22	0.34	0.12	0	0	0	0	0	0	0	0
11/16/2023 11:00	50506 MECH_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/16/2023 11:01	47002 HUGH_T2	11	13	2	0.29	0.44	0.15	0	0	0	0	0	0	0	0
11/16/2023 11:02	52006 LING_T2	3	3	0	0.43	0.73	0.3	0	0	0	0	0	0	0	0
11/16/2023 11:02	13302 ORVI_T2	2	2	0	0.55	0.65	0.1	0.98	1.07	0	0	0	0	0	0
11/16/2023 11:02	42902 MIDD_T2	8	7	-1	0.33	0.41	0.08	-0.18	-0.06	0	0	0	0	0	0
11/16/2023 11:02	40902 JESH_T1	1	1	0	0.1	0.2	0.1	-0.33	-0.48	0	0	0	0	0	0
11/16/2023 11:02	58401 MORO_T1	6	7	1	0.47	0.49	0.02	-0.99	-1	1	1	0	600	600	0
11/16/2023 11:04	58401 MORO_T1	6	7	1	0.47	0.49	0.02	-0.99	-1	1	1	0	600	600	0
11/16/2023 11:04	66501 SMAN_T2	2	2	0	0.2	0.55	0.35	0	0	0	0	0	0	0	0
11/16/2023 11:04	42801 SELI_T1	1	1	0	0	0	0	0	0	0	0	0	0	0	0
11/16/2023 11:05	42801 SELI_T1	1	1	0	0	0	0	0	0	0	0	0	0	0	0
11/16/2023 11:06	66504 SMAN_T2	3	3	0	0.17	0.33	0.16	0	0	0	0	0	0	0	0
11/16/2023 11:06	67502 WEWI_T2	14	23	9	0.37	0.33	-0.04	0	0	0	0	0	0	0	0
11/16/2023 11:06	43301 WATS_T2	0	1	1	0	0.6	0.6	-1.28	-1.18	2	2	0	1800	1800	0
11/16/2023 11:06	57403 SPAN_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/16/2023 11:06	56802 BENV_T2	67	80	13	0.19	0.2	0.01	-0.6	-0.6	0	0	0	0	0	0
11/16/2023 11:06	56501 ROCK_T2	74	77	3	0.21	0.24	0.03	0	0	0	0	0	0	0	0
11/16/2023 11:07	15001 BLMO_T1	1	4	3	0.4	0.43	0.03	0	0	0	0	0	0	0	0
11/16/2023 11:07	43304 WATS_T2	0	0	0	0	0	0	-0.17	-0.21	0	0	0	0	0	0
11/16/2023 11:07	57403 SPAN_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/16/2023 11:07	43304 WATS_T2	0	0	0	0	0	0	-0.17	-0.21	0	0	0	0	0	0
11/16/2023 11:08	43301 WATS_T2	0	1	1	0	0.6	0.6	-0.64	-0.59	1	1	0	900	900	0
11/16/2023 11:08	66501 SMAN_T2	2	2	0	0.2	0.55	0.35	0	0	0	0	0	0	0	0
11/16/2023 11:08	59101 WALK_T2	2	1	-1	0.3	0	-0.3	2.01	2.21	0	0	0	0	0	0
11/16/2023 11:08	15001 BLMO_T1	1	4	3	0.4	0.43	0.03	0	0	0	0	0	0	0	0
11/16/2023 11:08	43302 WATS_T2	0	4	4	0	0.15	0.15	0	0	0	0	0	0	0	0
11/16/2023 11:08	45402 WBLO_T2	2	4	2	0.75	0.28	-0.47	0	0	0	0	0	0	0	0
11/16/2023 11:09	54503 ENOL_T2	0	0	0	0	0	0	-0.44	-0.44	1	1	0	600	600	0
11/16/2023 11:09	66504 SMAN_T2	3	3	0	0.17	0.33	0.16	0	0	0	0	0	0	0	0
11/16/2023 11:09	56802 BENV_T2	67	80	13	0.19	0.2	0.01	-1.2	-1.2	0	0	0	0	0	0
11/16/2023 11:09	11401 FARM_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/16/2023 11:09	13103 NHAM_T2	0	1	1	0	0	0	0	0	0	0	0	0	0	0
11/16/2023 11:10	43302 WATS_T2	0

Appendix C - Grid Benefits Achieved in Each Instance of Active Management

11/16/2023 11:31	58402 MORO_T1	0	0	0	0	0	0	-0.93	-0.94	2	2	0	1500	1500	0
11/16/2023 11:33	64101 REFR_T1	1	1	0	0.1	0.2	0.1	-0.14	-0.12	0	0	0	0	0	0
11/16/2023 11:33	58401 MORO_T1	7	7	0	0.49	0.57	0.08	-0.97	-0.93	1	1	0	600	600	0
11/16/2023 11:33	13704 SCHN_T2	1	1	0	0.1	0.1	0	-0.31	-0.34	1	0	0	0	0	0
11/16/2023 11:34	64101 REFR_T1	1	1	0	0.1	0.2	0.1	-0.14	-0.12	0	0	0	0	0	0
11/16/2023 11:34	58401 MORO_T1	7	7	0	0.49	0.57	0.08	-1.94	-1.86	2	2	0	1200	1200	0
11/16/2023 11:34	43301 WATS_T2	1	2	1	0.6	0.45	-0.15	0	0	0	0	0	0	0	0
11/16/2023 11:34	58402 MORO_T1	0	0	0	0	0	0	-1.86	-1.88	4	4	0	3000	3000	0
11/16/2023 11:34	13704 SCHN_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/16/2023 11:35	52404 GRPA_T2	1	1	0	0.5	0.9	0.4	0	0	0	0	0	0	0	0
11/16/2023 11:35	54501 ENOL_T2	2	4	2	0.25	0.33	0.08	0	0	0	0	0	0	0	0
11/16/2023 11:35	86703 STRA_T1	9	176	167	0.38	0.3	-0.08	-0.1	-0.04	0	0	0	0	0	0
11/16/2023 11:35	13704 SCHN_T2	1	1	0	0.1	0.1	0	-0.31	-0.34	0	0	0	0	0	0
11/16/2023 11:36	67603 WARW_T1	1	1	0	3	0.1	-2.9	0	0	0	0	0	0	0	0
11/16/2023 11:37	13901 SEID_T1	0	0	0	0	0	0	0.14	0.14	0	0	0	0	0	0
11/16/2023 11:37	43301 WATS_T2	1	2	1	0.6	0.45	-0.15	-1.2	-1.12	2	2	0	1800	1800	0
11/16/2023 11:37	64101 REFR_T1	1	1	0	0.1	0.2	0.1	-0.14	-0.12	0	0	0	0	0	0
11/16/2023 11:38	43302 WATS_T2	4	4	0	0.15	0.18	0.03	0	0	0	0	0	0	0	0
11/16/2023 11:38	59101 WALK_T2	1	1	0	0	0	0	2.03	2.04	0	0	0	0	0	0
11/16/2023 11:38	64101 REFR_T1	1	1	0	0.1	0.2	0.1	-0.29	-0.24	0	0	0	0	0	0
11/16/2023 11:38	43304 WATS_T2	0	0	0	0	0	0	-0.48	-0.49	0	0	0	0	0	0
11/16/2023 11:38	60101 COCA_T1	0	1	1	0	0.2	0.2	0.35	0.28	0	0	0	0	0	0
11/16/2023 11:38	43001 ALWD_T1	1	1	0	0.5	0.4	-0.1	0	0	0	0	0	0	0	0
11/16/2023 11:38	46203 DANV_T2	2	2	0	1.4	1.4	0	-1.44	-1.5	0	0	0	0	0	0
11/16/2023 11:38	66501 SMAN_T2	2	2	0	0.55	0.75	0.2	0	0	0	0	0	0	0	0
11/16/2023 11:39	43304 WATS_T2	0	0	0	0	0	0	-0.24	-0.24	0	0	0	0	0	0
11/16/2023 11:39	43301 WATS_T2	1	2	1	0.6	0.45	-0.15	-0.6	-0.56	1	1	0	900	900	0
11/16/2023 11:39	45902 AUBU_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/16/2023 11:40	45902 AUBU_T1	3	4	1	0.53	0.75	0.22	-0.48	-0.5	1	1	0	600	600	0
11/16/2023 11:40	46203 DANV_T2	2	2	0	1.4	1.4	0	0	0	0	0	0	0	0	0
11/16/2023 11:40	45802 HEGI_T2	0	0	0	0	0	0	0.68	0.29	1	1	0	900	900	0
11/16/2023 11:40	64101 REFR_T1	1	1	0	0.1	0.2	0.1	-0.14	-0.12	0	0	0	0	0	0
11/16/2023 11:40	61101 BERK_T5	1	0	-1	0.1	0	-0.1	0	0	0	0	0	0	0	0
11/16/2023 11:41	45902 AUBU_T1	3	4	1	0.53	0.75	0.22	-0.5	-0.46	1	1	0	600	600	0
11/16/2023 11:41	28403 HART_T2	0	1	1	0	0.2	0.2	-0.93	-0.93	1	1	0	900	900	0
11/16/2023 11:42	43301 WATS_T2	1	2	1	0.6	0.45	-0.15	0	0	0	0	0	0	0	0
11/16/2023 11:42	46203 DANV_T2	2	2	0	1.4	1.4	0	-1.5	-1.54	0	0	0	0	0	0
11/16/2023 11:44	45802 HEGI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/16/2023 11:44	46203 DANV_T2	2	2	0	1.4	1.4	0	0	0	0	0	0	0	0	0
11/16/2023 11:44	59301 MCAL_T1	7	8	1	0.43	0.48	0.05	0	0	0	0	0	0	0	0
11/16/2023 11:47	64101 REFR_T1	0	3	3	0	0.3	0.3	-0.12	-0.15	0	0	0	0	0	0
11/16/2023 11:48	13704 SCHN_T2	0	1	1	0	0.1	0.1	-0.34	-0.34	0	0	0	0	0	0
11/16/2023 11:48	56501 ROCK_T2	21	34	13	0.48	0.44	-0.04	-1.6	-1.67	0	0	0	0	0	0
11/16/2023 11:48	56501 ROCK_T2	21	34	13	0.48	0.44	-0.04	-1.6	-1.67	0	0	0	0	0	0
11/16/2023 11:48	42802 SELI_T1	1	1	0	0.3	0.7	0.4	-1.86	-1.9	1	1	0	900	900	0
11/16/2023 11:49	56504 ROCK_T2	3	5	2	0.27	0.24	-0.03	-0.35	-0.34	0	0	0	0	0	0
11/16/2023 11:49	42802 SELI_T1	1	1	0	0.3	0.7	0.4	-3.72	-3.8	2	2	0	1800	1800	0
11/16/2023 11:49	56501 ROCK_T2	21	34	13	0.48	0.44	-0.04	-1.6	-1.67	0	0	0	0	0	0
11/16/2023 11:49	13704 SCHN_T2	0	1	1	0	0.1	0.1	-0.34	-0.34	0	0	0	0	0	0
11/16/2023 11:50	42802 SELI_T1	1	1	0	0.3	0.7	0.4	-3.72	-3.8	2	2	0	1800	1800	0
11/16/2023 11:50	64101 REFR_T1	0	3	3	0	0.3	0.3	-0.12	-0.15	0	0	0	0	0	0
11/16/2023 11:50	13704 SCHN_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/16/2023 11:50	56504 ROCK_T2	3	5	2	0.27	0.24	-0.03	0	0	0	0	0	0	0	0
11/16/2023 11:51	60201 ATGL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/16/2023 11:51	52501 PROG_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/16/2023 11:51	59102 WALK_T2	2	6	4	0.15	0.48	0.33	0	0	0	0	0	0	0	0
11/16/2023 11:51	56501 ROCK_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/16/2023 11:51	64101 REFR_T1	0	3	3	0	0.3	0.3	-0.12	-0.15	0	0	0	0	0	0
11/16/2023 11:52	56504 ROCK_T2	3	5	2	0.27	0.24	-0.03	0	0	0	0	0	0	0	0
11/16/2023 11:52	64101 REFR_T1	0	3	3	0	0.3	0.3	-0.12	-0.15	0	0	0	0	0	0
11/16/2023 11:52	42802 SELI_T1	1	1	0	0.3	0.7	0.4	-11.16	-11.4	6	6	0	5400	5400	0
11/16/2023 11:54	60101 COCA_T1	1	2	1	0.1	0.3	0.2	0.28	0.24	0	0	0	0	0	0
11/16/2023 11:54	43001 ALWD_T1	1	2	1	0.4	0.3	-0.1	0	0	0	0	0	0	0	0
11/16/2023 11:54	64101 REFR_T1	0	3	3	0	0.3	0.3	-0.12	-0.15	0	0	0	0	0	0
11/16/2023 11:55	56504 ROCK_T2	3	5	2	0.27	0.24	-0.03	0	0	0	0	0	0	0	0
11/16/2023 11:55	55105 WERT_T1	1	1	0	0.2	0.2	0	-0.68	-0.7	1	1	0	900	900	0
11/16/2023 11:57	28403 HART_T2	0	1	1	0	0.3	0.3	-0.93	-0.94	1	1	0	900	900	0
11/16/2023 11:59	59302 MCAL_T1	1	3	2	0.6	0.1	-0.5	-0.07	-0.25	1	1	0	600	600	0
11/16/2023 12:01	46901 MNTG_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/16/2023 12:04	13704 SCHN_T2	1	0	-1	0.1	0	-0.1	-0.34	-0.34	0	0	0	0	0	0
11/16/2023 12:05	43304 WATS_T2	0	0	0	0	0	0	-0.44	-0.49	0	0	0	0	0	0
11/16/2023 12:05	13704 SCHN_T2	1	0	-1	0.1	0	-0.1	-0.34	-0.34	0	0	0	0	0	0
11/16/2023 12:06	43301 WATS_T2	2	1	-1	0.45	0.6	0.15	-0.62	-0.62	1	1	0	900	900	0
11/16/2023 12:06	43304 WATS_T2	0	0	0	0	0	0	-0.44	-0.49	0	0	0	0	0	0
11/16/2023 12:06	60201 ATGL_T2	0	0	0	0	0	0	0.23	0.12	1	1	0	300	300	0
11/16/2023 12:06	13704 SCHN_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/16/2023 12:07	67605 WARW_T1	12	28	16	0.29	0.39	0.1	-1.24	-1.27	0	0	0	0	0	0
11/16/2023 12:07	60201 ATGL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/16/2023 12:07	45902 AUBU_T1	4	3	-1	0.75	0.77	0.02	-0.46	-0.59	1	1	0	600	600	0
11/16/2023 12:08	45902 AUBU_T1	4	3	-1	0.75	0.77	0.02	-0.46	-0.59	1	1	0	600	600	0
11/16/2023 12:09	44301 BEAV_T2	2	8	6	0.25	0.29	0.04	0	0	0	0	0	0	0	0
11/16/2023 12:09	46203 DANV_T2	2	4	2	1.4	0.73	-0.67	-1.54	-1.54	0	0	0	0	0	0
11/16/2023 12:09	43304 WATS_T2	0	0	0	0	0	0	-0.22	-0.25	0	0	0	0	0	0
11/16/2023 12:09	43301 WATS_T2	2	1	-1	0.45	0.6	0.15	-1.87	-1.87	3	3	0	2700	2700	0
11/16/2023 12:10	45902 AUBU_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/16/2023 12:10	43301 WATS_T2	2	1	-1	0.45	0.6	0.15	0	0	0	0	0	0	0	0
11/16/2023 12:10	43001 ALWD_T1	1	3	2	0.4	0.3	-0.1	0	0	0	0	0	0	0	0
11/16/2023 12:10	46203 DANV_T2	2	4	2	1.4	0.73	-0.67	-1.54	-1.54	0	0	0	0	0	0
11/16/2023 12:11	59101 WALK_T2	1	1	0	0	0	0	2.27	2.37	0	0	0	0	0	0
11/16/2023 12:11	45901 AUBU_T1	0	0	0	0	0	0	1.57	1.63	0	0	0	0	0	0
11/16/2023 12:11	45901 AUBU_T1	0	0	0	0	0	0	1.57	1.63	0	0	0	0	0	0
11/16/2023 12:11	46203 DANV_T2	2	4	2	1.4	0.73	-0.67	0	0	0	0	0	0	0	0
11/16/2023 12:11	60101 COCA_T1	1	2	1	0.2	0.3	0.1	0.27	0.27	0	0	0	0	0	0
11/16/2023 12:13	62607 ENGL_T1	0	1	1	0	0	0	0.6	0.58	0	0	0	0	0	0
11/16/2023 12:13	46203 DANV_T2	2	4	2	1.4	0.73	-0.67	0	0	0	0	0	0	0	0
11/16/2023 12:15	45001 LIME_2	26	33	7	0.3	0.38	0.08	0	0	0	0	0	0	0	0
11/16/2023 12:15	59301 MCAL_T1	12	45	33	0.64	0.32	-0.32	0	0	0	0	0	0	0	0
11/16/2023 12:16	45003 LIME_2	1	1	0	4.5	5.1	0.6	0	0	1	1	0	1200	1200	0
11/16/2023 12:20	65003 NEFF_T2	7	12	5	0.34	0.32	-0.02	0	0	0	0	0	0	0	0
11/16/2023 12:23	59102 WALK_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/16/2023 12:25	67901 WNHO_T2	0	0	0	0	0	0	-0.02	-0.07	1	1	0	900	900	0
11/16/2023 12:29	28403 HART_T2	1	1	0	0.3	0.4	0.1	-0.97	-0.94	1	1	0	900	900	0
11/16/2023 12:30	65002 NEFF_T2	9	2	-7	0.13	0.15	0.02	0	0	0	0	0	0	0	0
11/16/2023 12:33	42801 SELI_T1	1	1	0	0	0	0	0	0	0	0	0	0	0	0
11/16/2023 12:34	42802 SELI_T1	1	1	0	0.8	1	0.2	-7.5	-7.44	4	4	0	3600	3600	0
11/16/2023 12:36	42801 SELI_T1	1	1	0	0	0	0	0	0	0	0	0	0	0	0
11/16/2023 12:37	42801 SELI_T1	1	1	0	0	0	0	0	0	0	0	0	0	0	0
11/16/2023 12:37	58003 WCAR_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/16/2023 12:46	65004 NEFF_T2	2	2	0	0.2	0.15	-0.05	0	0	0	0	0	0	0	0
11/16/2023 12:47	64101 REFR_T1	0	1	1	0	0.6	0.6	-0.24	-0.23	0	0	0	0	0	0
11/16/2023 12:48	64101 REFR_T1	0	1	1	0	0.6	0.6	-0.24	-0.23	0	0	0	0	0	0
11/16/2023 12:50	64101 REFR_T1	0	1	1	0	0.6	0.6	-0.24	-0.23	0	0	0	0	0	0
11/16/2023 12:52	64101 REFR_T1	0	1	1	0	0.6	0.6	-0.24	-0.23	0	0	0	0	0	0
11/16/2023 12:52	14802 TREI_T2	0	1	1	0	0.2	0.2	0	0	0	0	0	0	0	0
11/16/2023 12:54	46203 DANV_T2	4	2	-2	0.55	1.1	0.55	0	0	0	0	0	0	0	0
11/16/2023 12:55	46203 DANV_T2	4	2	-2	0.55	1.1	0.55	0	0	0	0	0	0	0	0
11/16/2023 12:56	46203 DANV_T2	4	2	-2	0.55	1.1	0.55	-1.43	-1.44	0	0	0	0	0	0
11/16/2023 12:57	46203 DANV_T2	4	2	-2	0.55	1.1	0.55	-1.43	-1.44	0	0	0	0	0	0
11/16/2023 12:59	46203 DANV_T2	4	2	-2	0.55	1.1	0.55	0	0	0	0	0	0	0	0
11/16/2023 13:05	54505 ENOL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/16/2023 13:05	15601 NSTR_T2	3	3	0	1.03	0.93	-0.1	0	0	0	0	0	0	0	0
11/16/2023 13:07	43301 WATS_T2	1	1	0	0.2	0.6	0.4	-1.97	-1.94	3	3	0	2700	2700	0
11/16/2023 13:08	43304 WATS_T2	0	0	0	0	0	0	-0.49	-0.39	0	0	0	0	0	0
11/16/2023 13:08	43304 WATS_T2	0	0	0	0	0	0	-0.49	-0.39	0	0	0	0	0	0
11/16/2023 13:09	43304 WATS_T2	0	0	0	0	0	0	-0.16	-0.13	0	0	0	0	0	0
11/16/2023 13:09	10805 CHHI_T2	2	2	0	4.6	4.55	-0.05	-0.58	-0.58	1	1	0	600	600	0
11/16/2023 13:09	43301 WATS_T2	1	1	0	0.2	0.6	0.4	-0.66	-0.65	1	1	0	900	900	0
11/16/2023 13:10	60201 ATGL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/16/2023 13:33	44601 SALE_T2	0	0	0	0	0	0	1.83	2.34	2	2	0	1200	1200	0
11/16/2023 13:35	43301 WATS_T2	1	1	0	0.6	0.8	0.2	0	0	0	0	0	0	0	0
11/16/2023 13:40	46203 DANV_T2	2	3	1	1	0.67	-0.33	-1.43	-1.5	0	0	0	0	0	0
11/16/2023 13:41	46203 DANV_T2	2	3	1	1	0.67	-0.33	0	0	0	0	0	0	0	0
11/16/2023 13:43	46203 DANV_T2	2	3	1	1	0.67	-0.33	0	0	0	0	0	0	0	0
11/16/2023 13:48	56501 ROCK_T2	7	8	1	0.34	0.3	-0.04	-0.47	-0.48	0	0	0	0	0	0
11/16/2023 13:50	56501 ROCK_T2	7	8	1	0.34	0.3	-0.04	-0.47	-0.48	0	0	0	0	0	0
11/16/2023 13:51	56501 ROCK_T2	7	8	1	0.34	0.3	-0.04	-0.47	-0.48	0	0	0	0	0	0
11/16/2023 13:51	56501 ROCK_T2	7	8	1	0.34	0.3	-0.04	-0.47	-0.48	0	0	0	0	0	0
11/16/2023 13:52	42801 SELI_T1	1	1	0	0	0	0	0	0	0	0	0	0	0	0
11/16/2023 13:52	56501 ROCK_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/16/2023 13:53	42802 SELI_T1	1	1	0	0.5	0.9	0.4	-1.92	-1.89	1	1	0	900	900	0
11/16/2023 13:53	59101 WALK_T2	1	1	0	0	0	0	6.96	7.37	0	0	0	0	0	0
11/16/2023 13:56	56504 ROCK_T2	0	0	0	0	0	0	-0.4	-0.35	0	0	0	0	0	0
11/16/2023 14:01	58402 MORO_T1	0	0	0	0	0	0	-0.99	-1.01	2	2	0	1500	1500	0
11/16/2023 14:02	64101 REFR_T1	0	0	0	0	0	0	-0.17	-0.17	0	0	0	0	0	0
11/16/2023 14:02	59302 MCAL_T1	1	0	-1	0.3	0	-0.3	-0.09	-0.12	1	1	0	600	600	0
11/16/2023 14:02	58401 MORO_T1	3	1	-2	0.23	0.1	-0.13	-0.87	-0.89	1	1	0	600	600	0
11/16/2023 14:04	58401 MORO_T1	3	1	-2	0.23	0.1	-0.13	-0.87	-0.89	1	1	0	600	600	0
11/16/2023 14:04	58402 MORO_T1	0	0	0	0	0	0	-0.99	-1.01	2	2	0	1500	1500	0
11/16/2023 14:05	58402 MORO_T1	0	0	0	0	0	0	-0.99	-1.01	2	2	0	1500	1500	0
11/16/2023 14:05	56501 ROCK_T2	8	8	0	0.29	0.26	-0.03	-0.48	-0.48	0	0	0	0	0	0
11/16/2023 14:05	14802 TREI_T2	6	0	-6	0.38	0	-0.38	0.36	0.25	0	0	0	0	0	0
11/16/2023 14:06	46203 DANV_T2	3	4	1	0.47	0.28	-0.19	-1.52	-1.55	0	0	0	0	0	0
11/16/2023 14:06	64101 REFR_T1	0	0	0	0	0	0	-0.17	-0.17	0	0	0	0	0	0
11/16/2023 14:07	14801 TREI_T2	3	1	-2	0.47	1	0.53	0	0	0	0	0	0	0	0
11/16/2023 14:07	45902 AUBU_T1	1	1	0	0.9	0.6	-0.3	-0.72	-0.73	1	1	0	600	600	0
11/16/2023 14:07	43304 WATS_T2	0	0	0	0	0	0	-0.12	-0.17	0	0	0	0	0	0
11/16/2023 14:07	46203 DANV_T2	3	4	1	0.47	0.28	-0.19	0	0	0	0	0	0	0	0
11/16/2023 14:08	14802 TREI_T2	6	0	-6	0.38	0	-0.38	0.36	0.25	0	0	0	0	0	0
11/16/2023 14:09	43001 ALWD_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/16/2023 14:10	46203 DANV_T2	3	4	1	0.47	0.28	-0.19	0	0	0	0	0	0	0	0
11/16/2023 14:12	45802 HEGI_T2	0	0	0	0	0	0	0.89	0.51	1	1	0	900	900	0
11/16/2023 14:12	10805 CHHI_T2	1	5	4	8.4	8.4	0	-0.84	-0.83	1	1	0	600	600	0
11/16/2023 14:12	52401 GRPA_T2	1	2	1	0.4	0.4	0	-0.53	-0.58	0	0	0	0	0	0
11/16/2023 14:13	52404 GRPA_T2	0	1	1	0	0.1	0.1	0	0	0	0	0	0	0	0
11/16/2023 14:13	59302 MCAL_T1	1	0	-1	0.3	0	-0.3	-0.12	-0.18	1	1	0	600	600	0
11/16/2023 14:13	52402 GRPA_T2	5	5	0	1.08	1.2	0.12	0	0	0	0	0	0	0	0
11/16/2023 14:13	26401 INOR_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/16/2023 14:13	45001 LIME_2	1	21	20	0.4	0.21	-0.19	0	0	0	0	0	0	0	0
11/16/2023 14:14	52401 GRPA_T2	1	2	1	0.4	0.4	0	0	0	0	0	0	0	0	0
11/16/2023 14:14	45002 LIME_2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/16/2023 14:15	52004 LING_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/16/2023 14:15	40902 JESH_T1	0	0	0	0	0	0	-0.53	-0.54	0	0	0	0	0	0
11/16/2023 14:15	52402 GRPA_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/16/2023 14:15	45001 LIME_2	21	23	2	0.21	0.17	-0.04	0	0	0	0	0	0	0	0
11/16/2023 14:17	58402 MORO_T1	0	0	0	0	0	0	-1.01	-0.95	2	2	0	1500	1500	0
11/16/2023 14:17	43201 MVIL_T2	0	0	0	0	0	0	-1.22	-1.19	0	0	0	0	0	0
11/16/2023 14:18	45001 LIME_2	21	23	2	0.21	0.17	-0.04	0	0	0	0	0	0	0	0
11/16/2023 14:19	42801 SELI_T1	1	1	0	0	0	0	0	0

11/16/2023 14:38	16301 ALPA_T1	2	1	-1	0.15	0.2	0.05	-0.46	-0.45	0	0	0	0	0	0
11/16/2023 14:38	43304 WATS_T2	0	0	0	0	0	0	-0.31	-0.37	0	0	0	0	0	0
11/16/2023 14:38	46203 DANV_T2	0	0	0	0	0	0	-3.14	-3.18	0	0	0	0	0	0
11/16/2023 14:39	46203 DANV_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/16/2023 14:39	20401 ASHF_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/16/2023 14:39	45902 AUBU_T1	1	0	-1	0.5	0	-0.5	-0.74	-0.72	1	1	0	600	600	0
11/16/2023 14:40	46004 BERW_T2	1	1	0	0.2	0.1	-0.1	0	0	0	0	0	0	0	0
11/16/2023 14:41	44302 BEAV_T2	84	0	-84	0.21	0	-0.21	0	0	0	0	0	0	0	0
11/16/2023 14:41	28602 BLYT_T2	1	1	0	0.2	0.4	0.2	0	0	0	0	0	0	0	0
11/16/2023 14:42	45902 AUBU_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/16/2023 14:43	22101 EDEL_T2	0	0	0	0	0	0	0.32	0.35	1	1	0	1200	1200	0
11/16/2023 14:44	45802 HEGI_T2	0	0	0	0	0	0	0.48	-0.18	1	1	0	900	900	0
11/16/2023 14:45	40902 JESH_T1	0	0	0	0	0	0	-0.58	-0.65	0	0	0	0	0	0
11/16/2023 14:45	58402 MORO_T1	0	0	0	0	0	0	-0.94	-0.98	2	2	0	1500	1500	0
11/16/2023 14:47	58402 MORO_T1	0	0	0	0	0	0	-0.94	-0.98	2	2	0	1500	1500	0
11/16/2023 14:48	58402 MORO_T1	0	0	0	0	0	0	-0.94	-0.98	2	2	0	1500	1500	0
11/16/2023 14:49	14403 SSLA_T1	0	0	0	0	0	0	0.66	0.6	0	0	0	0	0	0
11/16/2023 14:49	43201 MVIL_T2	0	0	0	0	0	0	-1.23	-1.18	0	0	0	0	0	0
11/16/2023 14:50	44601 SALE_T2	0	0	0	0	0	0	0.98	1	1	1	0	600	600	0
11/16/2023 14:51	14402 SSLA_T1	1	1	0	0.2	0.2	0	0	0	0	0	0	0	0	0
11/16/2023 14:51	44601 SALE_T2	0	0	0	0	0	0	0.98	1	1	1	0	600	600	0
11/16/2023 14:51	64101 REFR_T1	0	0	0	0	0	0	-0.21	-0.16	0	0	0	0	0	0
11/16/2023 14:53	66703 STRA_T1	0	0	0	0	0	0	-0.15	-0.17	0	0	0	0	0	0
11/16/2023 14:58	48901 FOSP_T2	0	0	0	0	0	0	-0.29	-0.31	1	1	0	600	600	0
11/16/2023 15:00	52403 GRPA_T2	0	9	9	0	0.21	0.21	-0.05	0.04	0	0	0	0	0	0
11/16/2023 15:00	59301 MCAL_T1	5	8	3	0.6	0.5	-0.1	-1.92	-1.89	1	1	0	600	600	0
11/16/2023 15:00	52402 GRPA_T2	5	5	0	1.14	1.66	0.52	0	0	0	0	0	0	0	0
11/16/2023 15:00	59301 MCAL_T1	5	8	3	0.6	0.5	-0.1	-1.92	-1.89	1	1	0	600	600	0
11/16/2023 15:01	52404 GRPA_T2	1	1	0	0.3	0.8	0.5	0	0	0	0	0	0	0	0
11/16/2023 15:01	48901 FOSP_T2	0	0	0	0	0	0	-0.58	-0.62	2	2	0	1200	1200	0
11/16/2023 15:02	52402 GRPA_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/16/2023 15:05	52403 GRPA_T2	0	9	9	0	0.21	0.21	0	0	0	0	0	0	0	0
11/16/2023 15:05	48302 ORWI_T2	2	2	0	1.65	1.8	0.15	0.04	0.01	0	0	0	0	0	0
11/16/2023 15:06	46001 BERW_T1	0	0	0	0	0	0	0.92	0.97	0	0	0	0	0	0
11/16/2023 15:09	26401 INOR_T1	0	1	1	0	0.1	0.1	0	0	0	0	0	0	0	0
11/16/2023 15:10	46001 BERW_T1	0	0	0	0	0	0	1.84	1.94	0	0	0	0	0	0
11/16/2023 15:11	46001 BERW_T1	0	0	0	0	0	0	0.97	0.96	0	0	0	0	0	0
11/16/2023 15:13	52404 GRPA_T2	1	1	0	0.3	0.8	0.5	0.09	0.07	0	0	0	0	0	0
11/16/2023 15:16	57304 MOAL_T2	70	74	4	0.99	1.06	0.07	-0.6	-0.63	0	0	0	0	0	0
11/16/2023 15:18	25402 LAHA_T2	0	0	0	0	0	0	-0.65	-0.66	0	0	0	0	0	0
11/16/2023 15:25	48901 FOSP_T2	0	0	0	0	0	0	-0.31	-0.29	1	1	0	600	600	0
11/16/2023 15:30	42002 MNVL_T2	1	1	0	5.3	5.4	0.1	0	0	0	0	0	0	0	0
11/16/2023 15:36	64101 REFR_T1	0	0	0	0	0	0	-0.2	-0.17	0	0	0	0	0	0
11/16/2023 15:42	48901 FOSP_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/16/2023 15:59	51401 LYKE_T1	0	0	0	0	0	0	0.26	0.27	0	0	0	0	0	0
11/16/2023 16:09	61303 EARL_T1	0	0	0	0	0	0	0.39	0.43	0	0	0	0	0	0
11/16/2023 16:10	59101 WALK_T2	1	1	0	0	0	0	1.9	2.03	0	0	0	0	0	0
11/16/2023 16:13	14203 EALL_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/16/2023 16:14	54502 ENOL_T2	1	1	0	0.1	0.3	0.2	-1.4	-1.39	0	0	0	0	0	0
11/16/2023 16:14	61303 EARL_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/16/2023 16:35	65604 QVIL_T2	0	0	0	0	0	0	0.46	0.5	0	0	0	0	0	0
11/16/2023 16:35	60701 BREC_T1	0	0	0	0	0	0	-0.67	-0.72	2	2	0	1200	1200	0
11/16/2023 16:38	43402 BENT_T1	0	0	0	0	0	0	-1.38	-1.49	2	2	0	1500	1500	0
11/16/2023 16:40	43402 BENT_T1	0	0	0	0	0	0	-1.38	-1.49	2	2	0	1500	1500	0
11/16/2023 17:06	43402 BENT_T1	0	0	0	0	0	0	-1.53	-1.54	2	2	0	1500	1500	0
11/16/2023 17:10	43402 BENT_T1	0	0	0	0	0	0	-1.53	-1.54	2	2	0	1500	1500	0
11/16/2023 17:37	45901 AUBU_T1	0	0	0	0	0	0	1.93	1.83	0	0	0	0	0	0
11/16/2023 18:12	50105 HARR_T3	7	7	0	6.14	6.06	-0.08	0	0	0	0	0	0	0	0
11/16/2023 18:35	15601 NSTR_T2	0	3	3	0	0.33	0.33	0	0	0	0	0	0	0	0
11/16/2023 18:36	48901 FOSP_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/16/2023 18:40	29402 BELT_T1	1	1	0	7.5	8.1	0.6	0	0	0	0	0	0	0	0
11/16/2023 18:42	29401 BELT_T1	23	46	23	0.14	0.19	0.05	0	0	0	0	0	0	0	0
11/16/2023 18:43	25402 LAHA_T2	0	0	0	0	0	0	-0.86	-0.89	0	0	0	0	0	0
11/16/2023 18:43	26401 INOR_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/16/2023 18:44	22101 EDEL_T2	0	0	0	0	0	0	0.41	0.41	1	1	0	1200	1200	0
11/16/2023 18:45	48901 FOSP_T2	0	0	0	0	0	0	-0.44	-0.44	1	1	0	600	600	0
11/16/2023 18:45	47001 HUGH_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/16/2023 18:45	14802 TREI_T2	1	1	0	0.7	0	-0.7	0.31	0.29	0	0	0	0	0	0
11/16/2023 18:45	45902 AUBU_T1	0	1	1	0	0	0	0	0	0	0	0	0	0	0
11/16/2023 18:46	46001 BERW_T1	0	0	0	0	0	0	0.85	0.86	0	0	0	0	0	0
11/16/2023 18:46	13901 SEID_T1	0	0	0	0	0	0	0.15	0.14	0	0	0	0	0	0
11/16/2023 18:46	16301 ALPA_T1	1	1	0	0.2	0.3	0.1	-0.42	-0.43	0	0	0	0	0	0
11/16/2023 18:46	17802 GILB_T1	0	1	1	0	0	0	-0.04	-0.04	0	0	0	0	0	0
11/16/2023 18:46	44601 SALE_T2	0	0	0	0	0	0	0.31	0.27	1	1	0	600	600	0
11/16/2023 18:46	45902 AUBU_T1	0	1	1	0	0	0	-0.93	-0.94	1	1	0	600	600	0
11/16/2023 18:46	42701 AUGU_T1	0	0	0	0	0	0	0	0	1	1	0	600	600	0
11/16/2023 18:47	29401 BELT_T1	38	44	6	0.18	0.19	0.01	0	0	0	0	0	0	0	0
11/16/2023 18:48	42903 MIDD_T2	2	2	0	1	1.4	0.4	0	0	0	0	0	0	0	0
11/16/2023 18:48	16302 ALPA_T2	0	0	0	0	0	0	0.63	0.6	0	0	0	0	0	0
11/16/2023 18:49	48901 FOSP_T2	0	0	0	0	0	0	-0.44	-0.44	1	1	0	600	600	0
11/16/2023 18:49	45902 AUBU_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/16/2023 18:50	58401 MORO_T1	0	0	0	0	0	0	-1	-1.04	1	1	0	600	600	0
11/16/2023 18:50	64101 REFR_T1	0	0	0	0	0	0	-0.2	-0.17	0	0	0	0	0	0
11/16/2023 18:50	48901 FOSP_T2	0	0	0	0	0	0	-0.44	-0.44	1	1	0	600	600	0
11/16/2023 18:50	47001 HUGH_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/16/2023 18:51	59302 MCAL_T1	2	2	0	0.6	0.5	-0.1	-0.6	-0.62	1	1	0	600	600	0
11/16/2023 18:52	16302 ALPA_T2	0	0	0	0	0	0	0.63	0.6	0	0	0	0	0	0
11/16/2023 18:52	67002 STHI_T2	0	0	0	0	0	0	0.54	0.55	0	0	0	0	0	0
11/16/2023 18:52	67503 WEWI_T2	0	0	0	0	0	0	-0.31	-0.33	0	0	0	0	0	0
11/16/2023 18:52	15001 BLMO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/16/2023 18:52	14401 SSLA_T1	0	2	2	0	0	0	0	0	0	0	0	0	0	0
11/16/2023 18:52	65604 QVIL_T2	0	0	0	0	0	0	0.27	0.27	0	0	0	0	0	0
11/16/2023 18:53	44301 BEAV_T2	0	0	0	0	0	0	-0.14	-0.16	1	1	0	600	600	0
11/16/2023 18:53	46802 HEPB_T1	0	1	1	0	0.2	0.2	-0.25	-0.28	0	0	0	0	0	0
11/16/2023 18:53	13302 ORVI_T2	39	119	80	0.27	0.23	-0.04	1.08	1.12	0	0	0	0	0	0
11/16/2023 18:54	52004 LING_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/16/2023 18:55	42001 MNVL_T2	0	0	0	0	0	0	0.01	0.02	0	0	0	0	0	0
11/16/2023 18:55	13302 ORVI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/16/2023 18:55	67001 STHI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/16/2023 18:56	60201 ATGL_T2	0	0	0	0	0	0	0.06	0.04	1	1	0	300	300	0
11/16/2023 18:56	67002 STHI_T2	0	0	0	0	0	0	1.1	1.12	0	0	0	0	0	0
11/16/2023 18:56	16301 ALPA_T1	1	1	0	0.2	0.3	0.1	-0.43	-0.45	0	0	0	0	0	0
11/16/2023 18:56	48302 ORWI_T2	2	2	0	0.85	0.85	0	0.03	0.02	0	0	0	0	0	0
11/16/2023 18:56	67502 WEWI_T2	0	0	0	0	0	0	-0.52	-0.54	0	0	0	0	0	0
11/16/2023 18:57	61303 EARL_T1	0	0	0	0	0	0	0.17	0.17	0	0	0	0	0	0
11/16/2023 18:57	44601 SALE_T2	0	0	0	0	0	0	0.27	0.63	1	0	-1	600	0	-600
11/16/2023 18:57	16302 ALPA_T2	0	0	0	0	0	0	0.6	0.62	0	0	0	0	0	0
11/16/2023 18:58	46206 DANV_T2	0	1	1	0	0	0	0	0	0	0	0	0	0	0
11/16/2023 18:58	14802 TREI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/16/2023 18:58	52004 LING_T2	0	0	0	0	0	0	0.12	0.14	0	0	0	0	0	0
11/16/2023 18:58	42201 SHEN_T2	0	0	0	0	0	0	0.08	0	1	1	0	600	600	0
11/16/2023 18:59	16301 ALPA_T1	1	1	0	0.2	0.3	0.1	-0.43	-0.45	0	0	0	0	0	0
11/16/2023 19:00	67001 STHI_T2	1	1	0	0.2	0.3	0.1	0.03	0.03	0	0	0	0	0	0
11/16/2023 19:00	15001 BLMO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/16/2023 19:00	10805 CHHI_T2	1	1	0	7.6	7.7	0.1	-0.95	-0.96	0	0	0	0	0	0
11/16/2023 19:00	65004 NEFF_T2	0	0	0	0	0	0	-0.53	-0.54	0	0	0	0	0	0
11/16/2023 19:00	46206 DANV_T2	1	0	-1	0.2	0	-0.2	0	0	0	0	0	0	0	0
11/16/2023 19:00	43304 WATS_T2	0	0	0	0	0	0	-0.2	-0.24	0	0	0	0	0	0
11/16/2023 19:00	43402 BENT_T1	0	0	0	0	0	0	-1.5	-1.52	2	2	0	1500	1500	0
11/16/2023 19:00	67502 WEWI_T2	0	0	0	0	0	0	-0.52	-0.54	0	0	0	0	0	0
11/16/2023 19:01	67002 STHI_T2	0	0	0	0	0	0	0.55	0.56	0	0	0	0	0	0
11/16/2023 19:01	15001 BLMO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/16/2023 19:01	42802 SELI_T1	0	0	0	0	0	0	-1.05	-1.04	0	0	0	0	0	0
11/16/2023 19:01	59301 MCAL_T1	0	2	2	0	0.2	0.2	-1.23	-1.23	0	0	0	0	0	0
11/16/2023 19:01	67502 WEWI_T2	0	0	0	0	0	0	-0.52	-0.54	0	0	0	0	0	0
11/16/2023 19:01	67503 WEWI_T2	0	0	0	0	0	0	-0.33	-0.32	0	0	0	0	0	0
11/16/2023 19:01	46801 HEPB_T2	0	0	0	0	0	0	0.58	0.58	0	0	0	0	0	0
11/16/2023 19:01	45902 AUBU_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/16/2023 19:01	60501 NMAN_T2	3	3	0	4.47	5	0.53	0	0	0	0	0	0	0	0
11/16/2023 19:01	66901 SHIL_T2	0	0	0	0	0	0	-1.79	-1.79	1	1	0	1200	1200	0
11/16/2023 19:01	14203 EALL_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/16/2023 19:01	43304 WATS_T2	0	0	0	0	0	0	-0.2	-0.24	0	0	0	0	0	0
11/16/2023 19:01	46206 DANV_T2	1	0	-1	0.2	0	-0.2	0	0	0	0	0	0	0	0
11/16/2023 19:01	45501 DERR_T2	1	1	0	0.1	0.8	0.7	0.55	0.75	2	2	0	1800	1800	0
11/16/2023 19:02	67503 WEWI_T2	0	0	0	0	0	0	-0.33	-0.32	0	0	0	0	0	0
11/16/2023 19:02	60101 COCA_T1	0	0	0	0	0	0	0.2	0.19	0	0	0	0	0	0
11/16/2023 19:02	66502 SMAN_T2	0	0	0	0	0	0	-0.17	-0.13	0	0	0	0	0	0
11/16/2023 19:02	45002 LIME_2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/16/2023 19:02	43302 WATS_T2	4	4	0	0.3	0.75	0.45	0	0	0	0	0	0	0	0
11/16/2023 19:02	43402 BENT_T1	0	0	0	0	0	0	-1.5	-1.52	2	2	0	1500	1500	0
11/16/2023 19:02	42802 SELI_T1	0	0	0	0	0	0	-2.1	-2.08	0	0	0	0	0	0
11/16/2023 19:02	14802 TREI_T2	1	0	-1	1.1	0	-1.1	0.29	0.31	0	0	0	0	0	0
11/16/2023 19:02	64101 REFR_T1	0	0	0	0	0	0	-0.35	-0.37	0	0	0	0	0	0
11/16/2023 19:02	41801 GOCI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/16/2023 19:02	65604 QVIL_T2	0	0	0	0	0	0	0.27	0.25	0	0	0	0	0	0
11/16/2023 19:02	55002 NEWP_T1	4	4	0	0.28	0.4	0.12	-0.26	-0.26	0	0	0	0	0	0
11/16/2023 19:02	64802 MONE_T2	0	0	0	0	0	0	-0.09	-0.12	0	0	0	0	0	0
11/16/2023 19:02	16301 ALPA_T1	1	1	0	0.2	0.3	0.1	-0.43	-0.45	0	0	0	0	0	0
11/16/2023 19:02	66503 SMAN_T2	0	100	100	0	0.13	0.13	0	0	0	0	0	0	0	0
11/16/2023 19:02	57401 SPAN_T1	2	2	0	1.25	1.25	0	-0.3	-0.26	1	1	0	600	600	0
11/16/2023 19:02	15103 UPHA_T2	0	0	0	0	0	0	0.36	0.35	0	0	0	0	0	0
11/16/2023 19:02	43001 ALWD_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/16/2023 19:03	45001 LIME_2	0	1	1	0	0	0	0	0	0	0	0	0	0	0
11/16/2023 19:03	42801 SELI_T1	1	1	0	0	0	0	0	0	0	0	0	0	0	0
11/16/2023 19:03	16302 ALPA_T2	0	0	0	0	0	0	0.6	0.62	0	0	0	0	0	0
11/16/2023 19:03	46003 BERW_T2	1	1	0	4.3	2.8	-1.5	0	0	0	0	0	0	0	0
11/16/2023 19:03	14802 TREI_T2	1	0	-1	1.1	0	-1.1	0.29	0.31	0	0	0	0	0	0
11/16/2023 19:03	65001 NEFF_T2	0	22	22	0	0.11	0.11	-0.98	-1.02	1	1	0	1200	1200	0
11/16/2023 19:03	66502 SMAN_T2	0	0	0	0	0	0	-0.17	-0.13	0	0	0	0	0	0
11/16/2023 19:03	45702 LIND_T2	1	1	0	1.4	1.5	0.1	-0.62	-0.59	0	0	0	0	0	0
11/16/2023 19:03	56802 BENV_T2	1	1	0	0.7	0.9	0.2	-1.38	-1.32	0	0	0	0	0	0
11/16/2023 19:03	45002 LIME_2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/16/2023 19:03	57401 SPAN_T1	2	2	0	1.25	1.25	0	-0.3	-0.26	1	1	0	600	600	0
11/16/2023 19:03	64702 LITI_T2	0	0	0	0	0	0	-0.86	-0.66	0	0	0	0	0	0
11/16/2023 19:03	51401 LYKE_T1	0	0	0	0	0	0	0.25	0.26	0	0	0	0	0	0
11/16/2023 19:03	43302 WATS_T2	4	4	0	0.3	0.75	0.45	0	0	0	0	0	0	0	0
11/16/2023 19:03	64101 REFR_T1	0	0	0	0	0	0	-0.17	-0.18	0	0	0	0	0	0
11/16/2023 19:03	45902 AUBU_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/16/2023 19:03	42701 AUGU_T1	0	0	0	0	0	0	0	0	1	1	0	600	600	0
11/16/2023 19:03	43001 ALWD_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/16/2023 19:03	53501 EVIL_T2	1	1	0	0.5	0.5	0	-0.9	-0.88	1	1	0	600	600	0
11/16/2023 19:03	12701 MACU_T1	0	0	0	0	0	0	0.04	0.01	0	0	0	0	0	0
11/16/2023 19:03	59101 WALK_T2	1	2	1	0	0	0	1.53	1.65	0	0	0	0	0	0
11/16/2023 19:03	67503 WEWI_T2	0	0	0	0	0	0	-0.33	-0.32	0	0	0	0	0	0
11/16/2023 19:03	40902 JESH_T1	0	0	0	0	0	0	-0.68	-0.68	0	0	0	0	0	0
11/16/2023 19:03	40602 PIGR_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/16/2023 19:04	52402 GRPA_T2	4	5	1	1.13	1.05	-0.08	0	0	0	0	0	0	0	0
11/16/2023 19:04	67502 WEWI_T2	0	0	0	0	0	0	-0.52	-0.54	0	0	0	0	0	0
11/16/2023 19:04	67605 WARW_T1	0	1	1	0	0.1	0.1	-1.01	-1.06	0	0	0	0	0	0
11/16/2023 19:04	66502 SMAN_T2	0	0	0	0	0	0	-0.17	-0.13	0	0	0	0	0	0
11/16/2023 19:04	42201 SHEN_T2	0	0	0	0	0	0	0.08

Appendix C - Grid Benefits Achieved in Each Instance of Active Management

11/16/2023 19:06	45802 HEGI_T2	0	0	0	0	0	0	0.63	0.88	0	0	0	0	0	0
11/16/2023 19:06	48901 FOSP_T2	0	0	0	0	0	0	-0.44	-0.47	1	1	0	600	600	0
11/16/2023 19:06	44301 BEAV_T2	0	0	0	0	0	0	-0.16	-0.12	1	1	0	600	600	0
11/16/2023 19:06	45501 DERR_T2	1	1	0	0.1	0.8	0.7	0.55	0.75	2	2	0	1800	1800	0
11/16/2023 19:06	11804 FRAN_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/16/2023 19:07	57303 MOAL_T2	1	1	0	7	7	0	0	0	0	0	0	0	0	0
11/16/2023 19:07	57401 SPAN_T1	2	2	0	1.25	1.25	0	-0.6	-0.52	2	2	0	1200	1200	0
11/16/2023 19:07	64101 REFR_T1	0	0	0	0	0	0	-0.35	-0.37	0	0	0	0	0	0
11/16/2023 19:07	56802 BENV_T2	1	1	0	0.7	0.9	0.2	-4.14	-3.96	0	0	0	0	0	0
11/16/2023 19:07	54504 ENOL_T2	0	0	0	0	0	0	-1.15	-1.16	1	1	0	600	600	0
11/16/2023 19:07	41901 REED_T1	9	9	0	0.26	0.28	0.02	0	0	0	0	0	0	0	0
11/16/2023 19:07	42802 SELI_T1	0	0	0	0	0	0	-1.05	-1.04	0	0	0	0	0	0
11/16/2023 19:07	61303 EARL_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/16/2023 19:07	58401 MORO_T1	0	0	0	0	0	0	-1.04	-1.06	1	1	0	600	600	0
11/16/2023 19:07	67203 TEHI_T1	1	0	-1	0.4	0	-0.4	1.95	2.09	2	2	0	1500	1500	0
11/16/2023 19:07	58302 NOTT_T1	0	0	0	0	0	0	-0.44	-0.41	1	1	0	1200	1200	0
11/16/2023 19:07	67001 STHI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/16/2023 19:07	56501 ROCK_T2	1	1	0	0.7	0.2	-0.5	-0.42	-0.17	0	0	0	0	0	0
11/16/2023 19:07	42902 MIDD_T2	0	0	0	0	0	0	-1.23	-1.2	1	1	0	600	600	0
11/16/2023 19:07	46203 DANV_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/16/2023 19:07	45003 LIME_2	2	2	0	2.4	1.85	-0.55	0	0	0	0	0	0	0	0
11/16/2023 19:07	56801 BENV_T1	1	3	2	0.8	0.3	-0.5	-0.81	-0.8	1	1	0	600	600	0
11/16/2023 19:07	41801 GOCI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/16/2023 19:07	55002 NEWP_T1	4	4	0	0.28	0.4	0.12	-0.26	-0.26	0	0	0	0	0	0
11/16/2023 19:07	12701 MACU_T1	0	0	0	0	0	0	0.04	0.01	0	0	0	0	0	0
11/16/2023 19:07	56504 ROCK_T2	0	0	0	0	0	0	-0.45	-0.46	0	0	0	0	0	0
11/16/2023 19:07	66502 SMAN_T2	0	0	0	0	0	0	-0.51	-0.39	0	0	0	0	0	0
11/16/2023 19:07	52402 GRPA_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/16/2023 19:07	42701 AUGU_T1	0	0	0	0	0	0	0	0	2	2	0	1200	1200	0
11/16/2023 19:07	54701 NEBL_T1	0	0	0	0	0	0	0	0	1	1	0	600	600	0
11/16/2023 19:08	56501 ROCK_T2	1	1	0	0.7	0.2	-0.5	-0.84	-0.35	0	0	0	0	0	0
11/16/2023 19:08	40902 JESH_T1	0	0	0	0	0	0	-0.68	-0.68	0	0	0	0	0	0
11/16/2023 19:08	54501 ENOL_T2	2	3	1	0.1	0.17	0.07	-0.59	-0.58	1	1	0	600	600	0
11/16/2023 19:08	42903 MIDD_T2	2	2	0	1.15	1.4	0.25	0	0	0	0	0	0	0	0
11/16/2023 19:08	54501 ENOL_T2	2	3	1	0.1	0.17	0.07	-0.59	-0.58	1	1	0	600	600	0
11/16/2023 19:08	59101 WALK_T2	1	2	1	0	0	0	3.06	3.31	0	0	0	0	0	0
11/16/2023 19:08	53903 HALI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/16/2023 19:08	43302 WATS_T2	4	4	0	0.3	0.75	0.45	0	0	0	0	0	0	0	0
11/16/2023 19:08	66502 SMAN_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/16/2023 19:08	55002 NEWP_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/16/2023 19:08	42801 SELI_T1	1	1	0	0	0	0	0	0	0	0	0	0	0	0
11/16/2023 19:08	57403 SPAN_T1	7	17	10	0.2	0.21	0.01	0	0	0	0	0	0	0	0
11/16/2023 19:08	58402 MORO_T1	1	0	-1	0.5	0	-0.5	0	0	0	0	0	0	0	0
11/16/2023 19:08	54504 ENOL_T2	0	0	0	0	0	0	-1.15	-1.16	1	1	0	600	600	0
11/16/2023 19:08	41901 REED_T1	9	9	0	0.26	0.28	0.02	0	0	0	0	0	0	0	0
11/16/2023 19:08	56802 BENV_T2	1	1	0	0.7	0.9	0.2	-1.38	-1.32	0	0	0	0	0	0
11/16/2023 19:08	64101 REFR_T1	0	0	0	0	0	0	-0.17	-0.18	0	0	0	0	0	0
11/16/2023 19:08	40602 PIGR_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/16/2023 19:08	57403 SPAN_T1	7	17	10	0.2	0.21	0.01	0	0	0	0	0	0	0	0
11/16/2023 19:09	53501 EVIL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/16/2023 19:09	58402 MORO_T1	1	0	-1	0.5	0	-0.5	-0.92	-0.94	2	2	0	1500	1500	0
11/16/2023 19:09	45802 HEGI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/16/2023 19:09	43302 WATS_T2	4	4	0	0.3	0.75	0.45	0	0	0	0	0	0	0	0
11/16/2023 19:09	58402 MORO_T1	1	0	-1	0.5	0	-0.5	-0.92	-0.94	2	2	0	1500	1500	0
11/16/2023 19:09	66502 SMAN_T2	0	0	0	0	0	0	-0.34	-0.26	0	0	0	0	0	0
11/16/2023 19:09	67502 WEWI_T2	0	0	0	0	0	0	-0.52	-0.54	0	0	0	0	0	0
11/16/2023 19:09	54501 ENOL_T2	2	3	1	0.1	0.17	0.07	0	0	0	0	0	0	0	0
11/16/2023 19:09	56501 ROCK_T2	1	1	0	0.7	0.2	-0.5	-0.42	-0.17	0	0	0	0	0	0
11/16/2023 19:09	57403 SPAN_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/16/2023 19:09	42802 SELI_T1	0	0	0	0	0	0	-1.05	-1.04	0	0	0	0	0	0
11/16/2023 19:09	56802 BENV_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/16/2023 19:10	64101 REFR_T1	0	0	0	0	0	0	-0.17	-0.18	0	0	0	0	0	0
11/16/2023 19:10	66703 STRA_T1	0	0	0	0	0	0	-0.33	-0.37	0	0	0	0	0	0
11/16/2023 19:10	56802 BENV_T2	1	1	0	0.7	0.9	0.2	-1.38	-1.32	0	0	0	0	0	0
11/16/2023 19:10	54502 ENOL_T2	0	0	0	0	0	0	-1.37	-1.36	0	0	0	0	0	0
11/16/2023 19:10	57403 SPAN_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/16/2023 19:10	55105 WERT_T1	0	0	0	0	0	0	-0.67	-0.66	1	1	0	900	900	0
11/16/2023 19:11	56501 ROCK_T2	1	1	0	0.7	0.2	-0.5	-0.35	-0.37	0	0	0	0	0	0
11/16/2023 19:11	54501 ENOL_T2	2	3	1	0.1	0.17	0.07	0	0	0	0	0	0	0	0
11/16/2023 19:11	44301 BEAV_T2	0	0	0	0	0	0	-0.12	-0.15	1	1	0	600	600	0
11/16/2023 19:11	53501 EVIL_T2	1	1	0	0.5	0.5	0	-0.88	-0.89	1	1	0	600	600	0
11/16/2023 19:11	58401 MORO_T1	0	0	0	0	0	0	-1.06	-1.03	1	1	0	600	600	0
11/16/2023 19:11	57403 SPAN_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/16/2023 19:11	54206 PENN_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/16/2023 19:12	54501 ENOL_T2	2	3	1	0.1	0.17	0.07	0	0	0	0	0	0	0	0
11/16/2023 19:12	52403 GRPA_T2	13	23	10	0.13	0.14	0.01	-0.24	-0.2	0	0	0	0	0	0
11/16/2023 19:13	52501 PROG_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/16/2023 19:13	52402 GRPA_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/16/2023 19:13	54501 ENOL_T2	2	3	1	0.1	0.17	0.07	0	0	0	0	0	0	0	0
11/16/2023 19:13	58402 MORO_T1	1	0	-1	0.5	0	-0.5	-0.94	-0.99	2	2	0	1500	1500	0
11/16/2023 19:14	52402 GRPA_T2	4	5	1	1.13	1.05	-0.08	0	0	0	0	0	0	0	0
11/16/2023 19:14	59101 WALK_T2	1	2	1	0	0	0	1.65	1.51	0	0	0	0	0	0
11/16/2023 19:16	54503 ENOL_T2	0	0	0	0	0	0	-0.45	-0.41	1	1	0	600	600	0
11/16/2023 19:21	50106 HARR_T3	1	1	0	0	0	0	0	0	0	0	0	0	0	0
11/16/2023 19:37	53903 HALI_T2	2	2	0	1	1.3	0.3	-0.15	-0.15	0	0	0	0	0	0
11/16/2023 20:23	57401 SPAN_T1	2	2	0	1.05	1.45	0.4	-0.29	-0.28	1	1	0	600	600	0
11/16/2023 20:26	42802 SELI_T1	0	0	0	0	0	0	-1.15	-1.11	0	0	0	0	0	0
11/17/2023 0:28	54501 ENOL_T2	0	0	0	0	0	0	-0.59	-0.59	1	1	0	600	600	0
11/17/2023 0:28	59101 WALK_T2	1	1	0	0	0	0	1.11	1.3	0	0	0	0	0	0
11/17/2023 0:28	29402 BELT_T1	1	1	0	6.4	6.2	-0.2	0	0	0	0	0	0	0	0
11/17/2023 0:28	41801 GOCI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/17/2023 0:28	28604 BLYT_T2	0	0	0	0	0	0	-1.46	-1.45	0	0	0	0	0	0
11/17/2023 0:28	52404 GRPA_T2	0	1	1	0	0.1	0.1	0	0	0	0	0	0	0	0
11/17/2023 0:28	62607 ENGL_T1	0	0	0	0	0	0	0.13	0.11	1	1	0	300	300	0
11/17/2023 0:28	45902 AUBU_T1	0	0	0	0	0	0	-0.9	-0.88	1	1	0	600	600	0
11/17/2023 0:28	54505 ENOL_T2	0	1	1	0	0.2	0.2	-1.32	-1.31	1	1	0	600	600	0
11/17/2023 0:28	56802 BENV_T2	1	1	0	0.4	0.3	-0.1	-2.9	-2.9	0	0	0	0	0	0
11/17/2023 0:28	42801 SELI_T1	1	1	0	0	0	0	0	0	0	0	0	0	0	0
11/17/2023 0:28	52403 GRPA_T2	0	0	0	0	0	0	-0.08	-0.06	0	0	0	0	0	0
11/17/2023 0:28	66505 SMAN_T2	3	3	0	0.13	0.33	0.2	0	0	0	0	0	0	0	0
11/17/2023 0:28	20403 ASHF_T2	0	0	0	0	0	0	0.1	0.07	0	0	0	0	0	0
11/17/2023 0:28	43301 WATS_T2	0	1	1	0	0.1	0.1	0	0	0	0	0	0	0	0
11/17/2023 0:28	56504 ROCK_T2	0	0	0	0	0	0	-0.48	-0.48	0	0	0	0	0	0
11/17/2023 0:28	43201 MVIL_T2	0	0	0	0	0	0	-1.34	-1.35	0	0	0	0	0	0
11/17/2023 0:28	41901 REED_T1	0	0	0	0	0	0	-1.57	-1.46	1	1	0	900	900	0
11/17/2023 0:28	56504 ROCK_T2	0	0	0	0	0	0	-0.48	-0.48	0	0	0	0	0	0
11/17/2023 0:28	27502 WEIS_T2	0	0	0	0	0	0	-0.22	-0.2	0	0	0	0	0	0
11/17/2023 0:28	44301 BEAV_T2	0	0	0	0	0	0	0.07	-0.15	1	1	0	600	600	0
11/17/2023 3:05	65001 NEFF_T2	6	1	-5	0.15	0.1	-0.05	-1.43	-1.45	1	1	0	1200	1200	0
11/17/2023 5:38	65001 NEFF_T2	0	0	0	0	0	0	-1.27	-1.3	1	1	0	1200	1200	0
11/17/2023 7:56	45901 AUBU_T1	0	0	0	0	0	0	0.6	1.77	0	0	0	0	0	0
11/17/2023 7:56	45502 DERR_T2	2	1	-1	0.25	0.7	0.45	0	0	0	0	0	0	0	0
11/17/2023 7:57	46203 DANV_T2	0	16	16	0	0.18	0.18	0	0	0	0	0	0	0	0
11/17/2023 8:07	43001 ALWD_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/17/2023 8:09	46204 DANV_T2	0	1	1	0	0	0	0	0	0	0	0	0	0	0
11/17/2023 8:09	29401 BELT_T1	23	0	-23	0.17	0	-0.17	0	0	0	0	0	0	0	0
11/17/2023 8:10	43001 ALWD_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/17/2023 8:11	46204 DANV_T2	0	1	1	0	0	0	0	0	0	0	0	0	0	0
11/17/2023 8:16	58402 MORO_T1	0	0	0	0	0	0	-2.07	-2	3	3	0	2400	2400	0
11/17/2023 8:17	58402 MORO_T1	0	0	0	0	0	0	-2.07	-2	3	3	0	2400	2400	0
11/17/2023 8:33	54701 NEBL_T1	0	0	0	0	0	0	0	0	1	1	0	600	600	0
11/17/2023 8:35	13901 SEID_T1	0	0	0	0	0	0	0.25	0.24	0	0	0	0	0	0
11/17/2023 8:35	65001 NEFF_T2	0	0	0	0	0	0	-0.63	-0.57	1	1	0	1200	1200	0
11/17/2023 8:35	54701 NEBL_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/17/2023 8:39	43001 ALWD_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/17/2023 8:45	46801 HEPB_T2	0	1	1	0	0.1	0.1	0.61	0.61	0	0	0	0	0	0
11/17/2023 8:45	55002 NEWP_T1	6	7	1	0.6	0.9	0.3	-0.21	-0.19	0	0	0	0	0	0
11/17/2023 8:59	40101 HUNT_T2	0	0	0	0	0	0	-0.42	-0.39	0	0	0	0	0	0
11/17/2023 9:00	56504 ROCK_T2	0	0	0	0	0	0	-0.24	-0.12	0	0	0	0	0	0
11/17/2023 9:00	58402 MORO_T1	0	0	0	0	0	0	-0.99	-1.03	2	2	0	1500	1500	0
11/17/2023 9:00	64802 MONE_T2	0	0	0	0	0	0	0.25	0.3	0	0	0	0	0	0
11/17/2023 9:00	54701 NEBL_T1	0	0	0	0	0	0	0	0	1	1	0	600	600	0
11/17/2023 9:00	53903 HALI_T2	2	3	1	0.7	1	0.3	-0.14	-0.14	0	0	0	0	0	0
11/17/2023 9:00	42201 SHEN_T2	0	0	0	0	0	0	-0.04	-0.05	1	1	0	600	600	0
11/17/2023 9:00	52503 PROG_T2	0	0	0	0	0	0	-0.65	-0.64	1	1	0	900	900	0
11/17/2023 9:01	40101 HUNT_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/17/2023 9:01	26401 INOR_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/17/2023 9:06	67503 WEWI_T2	0	0	0	0	0	0	-0.29	-0.31	0	0	0	0	0	0
11/17/2023 9:08	45502 DERR_T2	2	1	-1	0.65	0.9	0.25	0	0	0	0	0	0	0	0
11/17/2023 9:09	45502 DERR_T2	2	1	-1	0.65	0.9	0.25	0	0	0	0	0	0	0	0
11/17/2023 9:11	54501 ENOL_T2	0	4	4	0	0.15	0.15	-0.5	-0.55	1	1	0	600	600	0
11/17/2023 9:11	54501 ENOL_T2	0	4	4	0	0.15	0.15	-0.5	-0.55	1	1	0	600	600	0
11/17/2023 9:12	54505 ENOL_T2	1	1	0	0.5	1.1	0.6	0	0	0	0	0	0	0	0
11/17/2023 9:14	54504 ENOL_T2	0	0	0	0	0	0	-1.1	-1.09	1	1	0	600	600	0
11/17/2023 9:14	66902 SHIL_T2	19	192	173	0.1	0.17	0.07	0	0	0	0	0	0	0	0
11/17/2023 9:14	54505 ENOL_T2	1	1	0	0.5	1.1	0.6	0	0	0	0	0	0	0	0
11/17/2023 9:17	55002 NEWP_T1	6	7	1	0.93	0.96	0.03	-0.2	-0.2	0	0	0	0	0	0
11/17/2023 9:19	56501 ROCK_T2	223	57	-166	0.28	0.22	-0.06	-1.37	-1.4	0	0	0	0	0	0
11/17/2023 9:21	43001 ALWD_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/17/2023 9:22	13901 SEID_T1	0	0	0	0	0	0	0.2	0.2	0	0	0	0	0	0
11/17/2023 9:23	29402 BELT_T1	1	1	0	7.5	7.9	0.4	0	0	0	0	0	0	0	0
11/17/2023 9:25	41801 GOCI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/17/2023 9:26	45902 AUBU_T1	0	1	1	0	0.6	0.6	-0.4	-0.25	1	1	0	600	600	0
11/17/2023 9:27	46801 HEPB_T2	1	2	1	0.1	0.15	0.05	0.6	0.6	0	0	0	0	0	0
11/17/2023 9:28	41801 GOCI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/17/2023 9:29	43402 BENT_T1	0	0	0	0	0	0	-1.34	-1.33	2	2	0	1500	1500	0
11/17/2023 9:34	43304 WATS_T2	0	0	0	0	0	0	-0.54	-0.51	0	0	0	0	0	0
11/17/2023 9:35	43304 WATS_T2	0	0	0	0	0	0	-0.54	-0.51	0	0	0	0	0	0
11/17/2023 9:36	56802 BENV_T2	1	3	2	1.2	0.53	-0.67	-1.37	-1.34	0	0	0	0	0	0
11/17/2023 9:37	56802 BENV_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/17/2023 9:37	43304 WATS_T2	0	0	0	0	0	0	-0.54	-0.51	0	0	0	0	0	0
11/17/2023 9:37	67502 WEWI_T2	0	17	17	0	0.16	0.16	0	0	0	0	0	0	0	0
11/17/2023 9:38	45902 AUBU_T1	1	0	-1	0.6	0	-0.6	-0.4	-0.25	1	1	0	600	600	0
11/17/2023 9:38	56802 BENV_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/17/2023 9:39	56802 BENV_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/17/2023 9:40	45902 AUBU_T1	1	0	-1	0.6	0	-0.6	-0.4	-0.25	1	1	0	600	600	0
11/17/2023 9:41	46203 DANV_T2	0	0	0	0	0	0	-1.35	-1.45	0	0	0	0	0	0
11/17/2023 9:41	56802 BENV_T2	1	3	2	1.2	0.53	-0.67	-2.68	-2.68	0	0	0	0	0	0
11/17/2023 9:42	46203 DANV_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/17/2023 9:42	47002 HUGH_T2	0	2	2	0	0.15	0.15	0	0	0	0	0	0	0	0
11/17/2023 9:43	54505 ENOL_T2	1	1	0	0.6	0.8	0.2	0	0	0	0	0	0	0	0
11/17/2023 9:43	56802 BENV_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/17/2023 9:44	47002 HUGH_T2	0	2	2	0	0.15	0.15	0	0	0	0	0	0	0	0
11/17/2023 9:44	26401 INOR_T1	0	0	0	0	0	0	0.74	0.76	0	0	0	0	0	0
11/17/2023 9:44	45001 LIME_2	9	30	21	0.14	0.51	0.37	0	0	0	0	0	0	0	0
11/17/2023 9:45	45002 LIME_2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/17/2023 9:46	56802 BENV_T2	3	64	61	0.53	0.18	-0.35	-1.34	-1.34	0	0	0	0	0	0
11/17/2023 9:46	45003 LIME_2	1	1	0	4.3	4.1	-0.2	0	0	0	0	0	0	0	0
11/17/2023 9:47	43201 MVIL_T2	0	0	0	0	0	0	-1.31	-1.28	0	0	0	0	0	0
11/17/2023 9:47	45001 LIME_2	30	26	-4	0.51	0.4	-0.11	0	0	0	0	0	0	0	0
11/17/2023 9:48	45001 LIME_2	30	26	-4	0.51	0.4	-0.11	0

Appendix C - Grid Benefits Achieved in Each Instance of Active Management

11/17/2023 10:08	57403 SPAN_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/17/2023 10:09	56802 BENV_T2	2	64	62	0.75	0.18	-0.57	-1.34	-1.38	0	0	0	0	0	0
11/17/2023 10:09	46203 DANV_T2	0	0	0	0	0	0	-1.45	-1.45	0	0	0	0	0	0
11/17/2023 10:09	10801 CHHI_T1	0	0	0	0	0	0	-0.88	-0.91	1	1	0	900	900	0
11/17/2023 10:10	29401 BELT_T1	34	35	1	0.19	0.16	-0.03	0	0	1	1	0	900	900	0
11/17/2023 10:10	54503 ENOL_T2	0	0	0	0	0	0	-0.43	-0.43	1	1	0	600	600	0
11/17/2023 10:10	56802 BENV_T2	2	64	62	0.75	0.18	-0.57	-2.68	-2.76	0	0	0	0	0	0
11/17/2023 10:10	43001 ALWD_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/17/2023 10:11	54502 ENOL_T2	1	1	0	0.6	0.9	0.3	0	0	0	0	0	0	0	0
11/17/2023 10:12	52402 GRPA_T2	4	5	1	1.18	0.94	-0.24	0	0	0	0	0	0	0	0
11/17/2023 10:12	54502 ENOL_T2	1	1	0	0.6	0.9	0.3	0	0	0	0	0	0	0	0
11/17/2023 10:13	62607 ENGL_T1	0	0	0	0	0	0	0.18	0.18	1	1	0	300	300	0
11/17/2023 10:14	56802 BENV_T2	2	64	62	0.75	0.18	-0.57	-1.38	-1.35	0	0	0	0	0	0
11/17/2023 10:14	52402 GRPA_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/17/2023 10:14	45802 HEGI_T2	0	0	0	0	0	0	0.78	0.6	0	0	0	0	0	0
11/17/2023 10:14	54505 ENOL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/17/2023 10:15	52402 GRPA_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/17/2023 10:16	52402 GRPA_T2	4	5	1	1.1	0.92	-0.18	0	0	0	0	0	0	0	0
11/17/2023 10:16	40101 HUNT_T2	1	9	8	1.2	0	-1.2	-0.17	-0.14	0	0	0	0	0	0
11/17/2023 10:17	58402 MORO_T1	0	0	0	0	0	0	-2.12	-2.14	4	4	0	3000	3000	0
11/17/2023 10:18	56501 ROCK_T2	254	81	-173	0.28	0.18	-0.1	-1.4	-1.41	0	0	0	0	0	0
11/17/2023 10:18	13302 ORVI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/17/2023 10:19	65005 NEFF_T2	1	0	-1	0.1	0	-0.1	0	0	0	0	0	0	0	0
11/17/2023 10:19	44901 SCOT_T2	0	0	0	0	0	0	-0.19	-0.14	0	0	0	0	0	0
11/17/2023 10:19	54206 PENN_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/17/2023 10:20	67502 WEWI_T2	78	8	-70	0.16	0.26	0.1	-0.34	-0.35	0	0	0	0	0	0
11/17/2023 10:20	49803 UNIV_T1	0	4	4	0	0.1	0.1	-1.03	-1.05	0	0	0	0	0	0
11/17/2023 10:20	66504 SMAN_T2	0	0	0	0	0	0	-0.4	-0.42	0	0	0	0	0	0
11/17/2023 10:21	67503 WEWI_T2	0	1	1	0	0.1	0.1	0	0	0	0	0	0	0	0
11/17/2023 10:21	57403 SPAN_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/17/2023 10:21	44901 SCOT_T2	0	0	0	0	0	0	-0.19	-0.14	0	0	0	0	0	0
11/17/2023 10:23	29402 BELT_T1	2	2	0	4.05	4.35	0.3	0	0	0	0	0	0	0	0
11/17/2023 10:23	67503 WEWI_T2	0	1	1	0	0.1	0.1	0	0	0	0	0	0	0	0
11/17/2023 10:24	29402 BELT_T1	2	2	0	4.05	4.35	0.3	0	0	0	0	0	0	0	0
11/17/2023 10:24	67502 WEWI_T2	78	8	-70	0.16	0.26	0.1	0	0	0	0	0	0	0	0
11/17/2023 10:24	44301 BEAV_T2	0	1	1	0	0	0	-0.19	-0.09	2	2	0	1500	1500	0
11/17/2023 10:24	43001 ALWD_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/17/2023 10:25	52401 GRPA_T2	1	1	0	0.3	0.1	-0.2	0	0	0	0	0	0	0	0
11/17/2023 10:26	53601 DALM_T2	1	1	0	0.8	0.3	-0.5	0.08	-0.03	0	0	0	0	0	0
11/17/2023 10:28	40902 JESH_T1	0	0	0	0	0	0	-0.39	-0.31	0	0	0	0	0	0
11/17/2023 10:30	40101 HUNT_T2	9	2	-7	0.34	0	-0.34	-0.14	-0.12	0	0	0	0	0	0
11/17/2023 10:32	41901 REED_T1	11	8	-3	0.25	0.25	0	0	0	0	0	0	0	0	0
11/17/2023 10:34	13302 ORVI_T2	11	21	10	0.21	0.2	-0.01	1.21	1.13	0	0	0	0	0	0
11/17/2023 10:34	15604 NSTR_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/17/2023 10:34	41902 REED_T1	0	0	0	0	0	0	1.15	1.14	0	0	0	0	0	0
11/17/2023 10:35	59101 WALK_T2	1	1	0	0	0	0	4.36	3.79	0	0	0	0	0	0
11/17/2023 10:36	16302 ALPA_T2	0	0	0	0	0	0	0.74	0.73	0	0	0	0	0	0
11/17/2023 10:36	45402 WBLO_T2	0	1	1	0	0.5	0.5	0	0	0	0	0	0	0	0
11/17/2023 10:37	59101 WALK_T2	1	1	0	0	0	0	2.18	1.89	0	0	0	0	0	0
11/17/2023 10:37	16302 ALPA_T2	0	0	0	0	0	0	0.74	0.73	0	0	0	0	0	0
11/17/2023 10:41	53601 DALM_T2	1	1	0	0.3	0.6	0.3	-0.03	-0.17	0	0	0	0	0	0
11/17/2023 10:41	46203 DANV_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/17/2023 10:41	16302 ALPA_T2	0	0	0	0	0	0	0.73	0.69	0	0	0	0	0	0
11/17/2023 10:42	45501 DERR_T2	1	1	0	0.4	0	-0.4	0.75	0.71	2	2	0	1800	1800	0
11/17/2023 10:48	41901 REED_T1	6	11	5	0.28	0.31	0.03	0	0	0	0	0	0	0	0
11/17/2023 10:48	42802 SELI_T1	1	1	0	0.1	0.3	0.2	-1.91	-1.93	1	1	0	900	900	0
11/17/2023 10:49	60501 NMAN_T2	3	3	0	4.6	5.13	0.53	0	0	0	0	0	0	0	0
11/17/2023 10:50	41901 REED_T1	6	11	5	0.28	0.31	0.03	0	0	0	0	0	0	0	0
11/17/2023 10:50	14801 TREI_T2	86	40	-46	0.18	0.16	-0.02	0.26	0.24	0	0	0	0	0	0
11/17/2023 10:51	27502 WEIS_T2	0	0	0	0	0	0	-0.48	-0.43	0	0	0	0	0	0
11/17/2023 10:51	67502 WEWI_T2	6	139	133	0.28	0.21	-0.07	0	0	0	0	0	0	0	0
11/17/2023 10:51	45902 AUBU_T1	0	1	1	0	0	0	-0.37	-0.33	1	1	0	600	600	0
11/17/2023 10:52	17802 GILB_T1	1	1	0	0.3	0.2	-0.1	0.04	0.03	0	0	0	0	0	0
11/17/2023 10:52	45902 AUBU_T1	0	1	1	0	0	0	-0.37	-0.33	1	1	0	600	600	0
11/17/2023 10:52	41901 REED_T1	6	11	5	0.28	0.31	0.03	0	0	0	0	0	0	0	0
11/17/2023 10:57	67605 WARW_T1	4	19	15	0.18	0.38	0.2	-1.28	-1.29	0	0	0	0	0	0
11/17/2023 10:57	45902 AUBU_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/17/2023 11:00	59301 MCAL_T1	3	7	4	0.53	0.59	0.06	-1.77	-1.85	1	1	0	600	600	0
11/17/2023 11:00	16302 ALPA_T2	0	0	0	0	0	0	0.69	0.73	0	0	0	0	0	0
11/17/2023 11:03	55101 WERT_T1	0	1	1	0	0.6	0.6	0	0	0	0	0	0	0	0
11/17/2023 11:03	42001 MNVL_T2	0	0	0	0	0	0	0.06	0.06	0	0	0	0	0	0
11/17/2023 11:03	57403 SPAN_T1	9	113	104	0.22	0.21	-0.01	-0.02	0.01	0	0	0	0	0	0
11/17/2023 11:03	42802 SELI_T1	1	1	0	0.2	0.7	0.5	-1.93	-1.95	1	1	0	900	900	0
11/17/2023 11:04	57403 SPAN_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/17/2023 11:04	67201 TEHI_T1	0	1	1	0	0.1	0.1	0	0	0	0	0	0	0	0
11/17/2023 11:04	59102 WALK_T2	3	5	2	0.2	0.38	0.18	0	0	0	0	0	0	0	0
11/17/2023 11:05	57403 SPAN_T1	9	113	104	0.22	0.21	-0.01	-0.02	0.01	0	0	0	0	0	0
11/17/2023 11:05	42801 SELI_T1	1	1	0	0	0	0	0	0	0	0	0	0	0	0
11/17/2023 11:06	56803 BENV_T1	1	2	1	0.4	0.8	0.4	0	0	0	0	0	0	0	0
11/17/2023 11:06	17802 GILB_T1	1	0	-1	0.2	0	-0.2	0.03	0.04	0	0	0	0	0	0
11/17/2023 11:06	42801 SELI_T1	1	1	0	0	0	0	0	0	0	0	0	0	0	0
11/17/2023 11:06	67502 WEWI_T2	38	209	171	0.16	0.24	0.08	-0.84	-0.82	0	0	0	0	0	0
11/17/2023 11:07	42802 SELI_T1	1	1	0	0.2	0.7	0.5	-3.86	-3.89	2	2	0	1800	1800	0
11/17/2023 11:07	56801 BENV_T1	40	49	9	0.73	0.83	0.1	-0.78	-0.79	1	1	0	600	600	0
11/17/2023 11:07	43402 BENT_T1	0	0	0	0	0	0	-1.45	-1.36	2	2	0	1500	1500	0
11/17/2023 11:07	56802 BENV_T2	64	174	110	0.17	0.28	0.11	-2.72	-2.66	0	0	0	0	0	0
11/17/2023 11:07	67502 WEWI_T2	38	209	171	0.16	0.24	0.08	0	0	0	0	0	0	0	0
11/17/2023 11:07	66701 STRA_T1	0	1	1	0	0.7	0.7	0	0	0	0	0	0	0	0
11/17/2023 11:07	67502 WEWI_T2	38	209	171	0.16	0.24	0.08	0	0	0	0	0	0	0	0
11/17/2023 11:08	64801 MONE_T2	0	3	3	0	0.2	0.2	0	0	0	0	0	0	0	0
11/17/2023 11:08	43402 BENT_T1	0	0	0	0	0	0	-1.45	-1.36	2	2	0	1500	1500	0
11/17/2023 11:08	56802 BENV_T2	64	174	110	0.17	0.28	0.11	-1.36	-1.33	0	0	0	0	0	0
11/17/2023 11:09	61103 BERK_T5	0	5	5	0	0.2	0.2	0.03	0.04	0	0	0	0	0	0
11/17/2023 11:09	29402 BELT_T1	3	2	-1	2.97	4.3	1.33	0	0	0	0	0	0	0	0
11/17/2023 11:10	10805 CHHI_T2	1	13	12	8.5	2.48	-6.02	-0.69	-0.59	1	1	0	600	600	0
11/17/2023 11:10	59102 WALK_T2	3	5	2	0.2	0.38	0.18	0	0	0	0	0	0	0	0
11/17/2023 11:12	43402 BENT_T1	0	0	0	0	0	0	-1.36	-1.36	2	2	0	1500	1500	0
11/17/2023 11:13	53903 HAU_T2	2	2	0	0.95	1.2	0.25	-0.14	-0.14	0	0	0	0	0	0
11/17/2023 11:15	42401 GIMA_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/17/2023 11:17	53903 HAU_T2	2	3	1	0.9	0.87	-0.03	-0.14	-0.14	0	0	0	0	0	0
11/17/2023 11:17	66302 MCGO_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/17/2023 11:18	12203 FOGE_T2	1	0	-1	0.1	0	-0.1	0	0	0	0	0	0	0	0
11/17/2023 11:18	45702 LIND_T2	1	1	0	0.8	1.9	1.1	-0.54	-0.49	0	0	0	0	0	0
11/17/2023 11:19	52502 PROG_T2	0	0	0	0	0	0	0.2	0.24	0	0	0	0	0	0
11/17/2023 11:20	56501 ROCK_T2	135	284	149	0.23	0.27	0.04	0	0	0	0	0	0	0	0
11/17/2023 11:20	52502 PROG_T2	0	0	0	0	0	0	0.2	0.24	0	0	0	0	0	0
11/17/2023 11:21	52501 PROG_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/17/2023 11:21	67001 STHI_T2	645	727	82	0.35	0.43	0.08	0.04	0.04	0	0	0	0	0	0
11/17/2023 11:21	44901 SCOT_T2	0	0	0	0	0	0	0	0.06	0	0	0	0	0	0
11/17/2023 11:21	13302 ORVI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/17/2023 11:22	56501 ROCK_T2	135	284	149	0.23	0.27	0.04	0	0	0	0	0	0	0	0
11/17/2023 11:22	16301 ALPA_T1	4	3	-1	0.23	0.27	0.04	-0.43	-0.42	0	0	0	0	0	0
11/17/2023 11:23	46903 MNTG_T2	0	2	2	0	0.25	0.25	0	0	0	0	0	0	0	0
11/17/2023 11:24	16301 ALPA_T1	4	3	-1	0.23	0.27	0.04	-1.29	-1.26	0	0	0	0	0	0
11/17/2023 11:24	10805 CHHI_T2	10	13	3	2.49	1.83	-0.66	-0.59	-0.62	1	1	0	600	600	0
11/17/2023 11:26	61102 BERK_T5	1	2	1	0.2	0.25	0.05	0	0	0	0	0	0	0	0
11/17/2023 11:26	63801 HEMP_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/17/2023 11:27	52402 GRPA_T2	4	10	6	1.23	0.99	-0.24	0	0	0	0	0	0	0	0
11/17/2023 11:27	52403 GRPA_T2	3	8	5	0.27	0.35	0.08	0	0	0	0	0	0	0	0
11/17/2023 11:27	28403 HART_T2	0	0	0	0	0	0	-1.03	-1.04	1	1	0	900	900	0
11/17/2023 11:28	52402 GRPA_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/17/2023 11:29	43402 BENT_T1	0	1	1	0	0.1	0.1	-1.36	-1.35	2	2	0	1500	1500	0
11/17/2023 11:30	58402 MORO_T1	0	0	0	0	0	0	-1.13	-1.11	2	2	0	1500	1500	0
11/17/2023 11:30	42401 GIMA_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/17/2023 11:30	58402 MORO_T1	0	0	0	0	0	0	-1.13	-1.11	2	2	0	1500	1500	0
11/17/2023 11:31	58402 MORO_T1	0	0	0	0	0	0	-1.13	-1.11	2	2	0	1500	1500	0
11/17/2023 11:31	46903 MNTG_T2	2	1	-1	0.15	0.3	0.15	-0.1	0.03	1	1	0	600	600	0
11/17/2023 11:31	58402 MORO_T1	0	0	0	0	0	0	-1.13	-1.11	2	2	0	1500	1500	0
11/17/2023 11:32	66302 MCGO_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/17/2023 11:32	65005 NEFF_T2	0	1	1	0	0.1	0.1	0	0	0	0	0	0	0	0
11/17/2023 11:32	15604 NSTR_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/17/2023 11:32	44901 SCOT_T2	0	0	0	0	0	0	0.06	-0.04	0	0	0	0	0	0
11/17/2023 11:33	58401 MORO_T1	0	0	0	0	0	0	-1.04	-1.06	1	1	0	600	600	0
11/17/2023 11:34	67002 STHI_T2	452	524	72	0.25	0.29	0.04	0.69	0.68	0	0	0	0	0	0
11/17/2023 11:34	58402 MORO_T1	0	0	0	0	0	0	-1.13	-1.11	2	2	0	1500	1500	0
11/17/2023 11:34	58401 MORO_T1	0	0	0	0	0	0	-1.04	-1.06	1	1	0	600	600	0
11/17/2023 11:34	44901 SCOT_T2	0	0	0	0	0	0	0.06	-0.04	0	0	0	0	0	0
11/17/2023 11:35	52502 PROG_T2	0	0	0	0	0	0	0.48	0.41	0	0	0	0	0	0
11/17/2023 11:35	42001 MNVL_T2	0	1	1	0	0.1	0.1	0.03	0.02	0	0	0	0	0	0
11/17/2023 11:36	43301 WATS_T2	1	1	0	0.8	0.8	0	-0.65	-0.65	1	1	0	900	900	0
11/17/2023 11:36	43304 WATS_T2	0	0	0	0	0	0	-0.58	-0.51	0	0	0	0	0	0
11/17/2023 11:36	42701 AUGU_T1	0	3	3	0	0.23	0.23	0	0	4	4	0	3600	3600	0
11/17/2023 11:36	67001 STHI_T2	656	744	88	0.39	0.43	0.04	0	0	0	0	0	0	0	0
11/17/2023 11:37	43301 WATS_T2	1	1	0	0.8	0.8	0	0	0	0	0	0	0	0	0
11/17/2023 11:37	43001 ALWD_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/17/2023 11:37	43301 WATS_T2	1	1	0	0.8	0.8	0	0	0	0	0	0	0	0	0
11/17/2023 11:38	43301 WATS_T2	1	1	0	0.8	0.8	0	-0.65	-0.65	1	1	0	900	900	0
11/17/2023 11:38	45902 AUBU_T1	0	0	0	0	0	0	-0.39	-0.48	1	1	0	600	600	0
11/17/2023 11:38	44901 SCOT_T2	0	0	0	0	0	0	0.06	-0.04	0	0	0	0	0	0
11/17/2023 11:39	67001 STHI_T2	656	744	88	0.39	0.43	0.04	0	0	0	0	0	0	0	0
11/17/2023 11:39	60201 ATGL_T2	0	0	0	0	0	0	0.3	0.44	2	2	0	600	600	0
11/17/2023 11:39	43301 WATS_T2	1	1	0	0.8	0.8	0	-0.65	-0.65	1	1	0	900	900	0
11/17/2023 11:40	46004 BERW_T2	0	1	1	0	0.1	0.1	0	0	0	0	0	0	0	0
11/17/2023 11:40	43301 WATS_T2	1	1	0	0.8	0.8	0	-1.3	-1.3	2	2	0	1800	1800	0
11/17/2023 11:40	45902 AUBU_T1	0	0	0	0	0	0	-0.39	-0.48	1	1	0	600	600	0
11/17/2023 11:41	61801 EELI_T2	3	2	-1	0.93	1.4	0.47	-0.34	-0.33	0	0	0	0	0	0
11/17/2023 11:42	52402 GRPA_T2	9	7	-2	0.87	1.17	0.3	0	0	0	0	0	0	0	0
11/17/2023 11:42	41801 GOCI_T2	0	2	2	0	0.25	0.25	0	0	0	0	0	0	0	0
11/17/2023 11:43	52402 GRPA_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/17/2023 11:43	26401 INOR_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/17/2023 11:44	64802 MONE_T2	32	326	294	0.28	0.22	-0.06	0.15	0.14	0	0	0	0	0	0
11/17/2023 11:45	41801 GOCI_T2	0	4	4	0	0.23	0.23	0	0	0	0	0	0	0	0
11/17/2023 11:45	52402 GRPA_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/17/2023 11:46	52402 GRPA_T2	6	21	15	1.17	0.62	-0.55	0	0	0	0	0	0	0	0
11/17/2023 11:46	56501 ROCK_T2	231	304	73	0.3	0.32	0.02	0	0	0	0	0	0	0	0
11/17/2023 11:46	58401 MORO_T1	0	0	0	0	0	0	-3.18	-3.18	3	3	0	1800	1800	0
11/17/2023 11:46	58402 MORO_T1	0	0	0	0	0	0	-2.22	-2.08	4	4	0	3000	3000	0
11/17/2023 11:46	26401 INOR_T1	0	6	6	0	0	0	0.75	0.62	0	0	0	0	0	0
11/17/2023 11:47	64101 REFR_T1	0	1	1	0	0.2	0.2	-0.22	-0.22	0	0	0	0	0	0
11/17/2023 11:47	58401 MORO_T1	0	0	0	0	0	0	-1.06	-1.06	1	1	0	600	600	0
11/17/2023 11:48	64301 LINC_T1	0	0	0	0	0	0	-0.01	-0.05	1	1	0	600	600	0
11/17/2023 11:48	66302 MCGO_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/17/2023 11:48	15604 NSTR_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/17/2023 11:48	65005 NEFF_T2	0	1	1	0	0.1	0.1	0	0	0	0	0	0	0	0
11/17/2023 11:48	41901 REED_T1	11	12	1	0.35	0.43	0.08	0	0	0	0	0	0	0	0
11/17/2023 11:48	58401 MORO_T1	0	0	0	0	0	0	-1.06	-1.06	1	1	0	600	600	0
11/17/2023 11:49	64802 MONE_T2	232	344	112	0.18	0.23	0.05	0.15	0.14	0	0	0	0	0	0
11/17/2023 11:50	41901 REED_T1	11	12	1	0.35	0.43	0.08	0	0	0	0	0	0	0	0
11/17/2023 11:50	65001 NEFF_T2	0	2	2	0	0.15	0.15	-0.69	-0.63	1	1	0	1200	1200	0
11/17/2023 11:50

11/17/2023 12:47	64802 MONE_T2	1	6	5	0.2	0.3	0.1	0.22	0.23	0	0	0	0	0	0
11/17/2023 12:50	43301 WATS_T2	0	1	1	0	0.4	0.4	-0.59	-0.62	1	1	0	900	900	0
11/17/2023 12:51	43301 WATS_T2	0	1	1	0	0.4	0.4	-0.59	-0.62	1	1	0	900	900	0
11/17/2023 12:51	43301 WATS_T2	0	1	1	0	0.4	0.4	-0.59	-0.62	1	1	0	900	900	0
11/17/2023 12:52	43301 WATS_T2	0	1	1	0	0.4	0.4	-0.59	-0.62	1	1	0	900	900	0
11/17/2023 12:53	46004 BERW_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/17/2023 12:54	43304 WATS_T2	0	0	0	0	0	0	-0.49	-0.5	0	0	0	0	0	0
11/17/2023 12:54	43301 WATS_T2	0	1	1	0	0.4	0.4	-0.59	-0.62	1	1	0	900	900	0
11/17/2023 12:55	43301 WATS_T2	0	1	1	0	0.4	0.4	0	0	0	0	0	0	0	0
11/17/2023 12:56	43304 WATS_T2	0	0	0	0	0	0	-0.25	-0.21	0	0	0	0	0	0
11/17/2023 13:31	40101 HUNT_T2	0	1	1	0	0	0	-0.22	-0.21	0	0	0	0	0	0
11/17/2023 13:37	42201 SHEN_T2	0	0	0	0	0	0	-0.07	-0.07	1	1	0	600	600	0
11/17/2023 13:38	44301 BEAV_T2	0	0	0	0	0	0	0.23	0.27	1	1	0	600	600	0
11/17/2023 13:40	48901 FOSP_T2	0	0	0	0	0	0	-0.37	-0.39	1	1	0	600	600	0
11/17/2023 13:45	48901 FOSP_T2	0	0	0	0	0	0	-0.78	-0.84	2	2	0	1200	1200	0
11/17/2023 13:47	64101 REFR_T1	1	2	1	0.1	0.1	0	-0.21	-0.22	0	0	0	0	0	0
11/17/2023 13:52	15103 UPHA_T2	0	0	0	0	0	0	0.32	0.31	0	0	0	0	0	0
11/17/2023 13:53	43304 WATS_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/17/2023 13:58	64702 LITI_T2	0	0	0	0	0	0	-0.78	-0.71	0	0	0	0	0	0
11/17/2023 14:00	52402 GRPA_T2	5	5	0	1.72	1.7	-0.02	0	0	0	0	0	0	0	0
11/17/2023 14:00	64702 LITI_T2	0	0	0	0	0	0	-0.78	-0.71	0	0	0	0	0	0
11/17/2023 14:03	64702 LITI_T2	0	0	0	0	0	0	-0.78	-0.71	0	0	0	0	0	0
11/17/2023 14:08	15103 UPHA_T2	0	0	0	0	0	0	0.31	0.31	0	0	0	0	0	0
11/17/2023 14:09	43001 ALWD_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/17/2023 14:09	43304 WATS_T2	0	0	0	0	0	0	-0.16	-0.19	0	0	0	0	0	0
11/17/2023 14:10	54501 ENOL_T2	4	4	0	0.23	0.4	0.17	0	0	0	0	0	0	0	0
11/17/2023 14:10	45902 AUBU_T1	0	0	0	0	0	0	-0.84	-0.84	1	1	0	600	600	0
11/17/2023 14:11	48901 FOSP_T2	0	0	0	0	0	0	-0.86	-0.86	2	2	0	1200	1200	0
11/17/2023 14:11	54501 ENOL_T2	4	4	0	0.23	0.4	0.17	-0.6	-0.59	1	1	0	600	600	0
11/17/2023 14:11	54502 ENOL_T2	1	1	0	0.5	0.6	0.1	0	0	0	0	0	0	0	0
11/17/2023 14:12	54505 ENOL_T2	1	1	0	1	1.2	0.2	0	0	0	0	0	0	0	0
11/17/2023 14:12	54505 ENOL_T2	1	1	0	1	1.2	0.2	0	0	0	0	0	0	0	0
11/17/2023 14:13	45003 LIME_2	1	1	0	4.1	4.7	0.6	0	0	0	0	0	0	0	0
11/17/2023 14:13	52401 GRPA_T2	2	2	0	0.45	0.7	0.25	0	0	0	0	0	0	0	0
11/17/2023 14:14	45002 LIME_2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/17/2023 14:14	54504 ENOL_T2	0	0	0	0	0	0	-1.05	-1.06	1	1	0	600	600	0
11/17/2023 14:14	54502 ENOL_T2	1	1	0	0.5	0.6	0.1	0	0	0	0	0	0	0	0
11/17/2023 14:14	45003 LIME_2	1	1	0	4.1	4.7	0.6	0	0	1	1	0	1200	1200	0
11/17/2023 14:15	45001 LIME_2	2	27	25	0.15	0.32	0.17	0	0	0	0	0	0	0	0
11/17/2023 14:16	52404 GRPA_T2	1	1	0	0.6	0.9	0.3	-0.01	-0.08	0	0	0	0	0	0
11/17/2023 14:16	64802 MONE_T2	6	5	-1	0.12	0.1	-0.02	0.09	0.12	0	0	0	0	0	0
11/17/2023 14:16	52402 GRPA_T2	5	5	0	1.64	1.7	0.06	0	0	0	0	0	0	0	0
11/17/2023 14:17	45002 LIME_2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/17/2023 14:17	45001 LIME_2	2	27	25	0.15	0.32	0.17	0	0	0	0	0	0	0	0
11/17/2023 14:17	56501 ROCK_T2	429	479	50	0.38	0.4	0.02	-1.58	-1.54	0	0	0	0	0	0
11/17/2023 14:18	56501 ROCK_T2	429	479	50	0.38	0.4	0.02	-1.58	-1.54	0	0	0	0	0	0
11/17/2023 14:19	66505 SMAN_T2	0	0	0	0	0	0	0.48	0.41	2	2	0	1100	1100	0
11/17/2023 14:20	43301 WATS_T2	1	1	0	0.2	0.4	0.2	-0.64	-0.65	1	1	0	900	900	0
11/17/2023 14:20	43304 WATS_T2	0	0	0	0	0	0	-0.19	-0.28	0	0	0	0	0	0
11/17/2023 14:20	56501 ROCK_T2	429	479	50	0.38	0.4	0.02	0	0	0	0	0	0	0	0
11/17/2023 14:21	56504 ROCK_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/17/2023 14:21	56504 ROCK_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/17/2023 14:22	43301 WATS_T2	1	1	0	0.2	0.4	0.2	-1.28	-1.3	2	2	0	1800	1800	0
11/17/2023 14:22	12202 FOGE_T2	0	0	0	0	0	0	0	0	1	1	0	600	600	0
11/17/2023 14:22	66501 SMAN_T2	1	0	-1	0.2	0	-0.2	0	0	0	0	0	0	0	0
11/17/2023 14:23	56501 ROCK_T2	429	479	50	0.38	0.4	0.02	-1.58	-1.54	0	0	0	0	0	0
11/17/2023 14:23	43301 WATS_T2	1	1	0	0.2	0.4	0.2	0	0	0	0	0	0	0	0
11/17/2023 14:24	28604 BLYT_T2	0	1	1	0	0.1	0.1	-1.48	-1.47	0	0	0	0	0	0
11/17/2023 14:24	43301 WATS_T2	1	1	0	0.2	0.4	0.2	0	0	0	0	0	0	0	0
11/17/2023 14:25	43304 WATS_T2	0	0	0	0	0	0	-0.19	-0.28	0	0	0	0	0	0
11/17/2023 14:25	43001 ALWD_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/17/2023 14:25	43304 WATS_T2	0	0	0	0	0	0	-0.19	-0.28	0	0	0	0	0	0
11/17/2023 14:25	44301 BEAV_T2	0	0	0	0	0	0	0.32	0.94	1	1	0	600	600	0
11/17/2023 14:26	48901 FOSP_T2	0	0	0	0	0	0	-0.43	-0.42	1	1	0	600	600	0
11/17/2023 14:27	54501 ENOL_T2	4	4	0	0.4	0.45	0.05	-1.18	-1.2	2	2	0	1200	1200	0
11/17/2023 14:27	48901 FOSP_T2	0	0	0	0	0	0	-0.43	-0.42	1	1	0	600	600	0
11/17/2023 14:30	26401 INOR_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/17/2023 14:30	41801 GOCI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/17/2023 14:30	45001 LIME_2	25	26	1	0.25	0.33	0.08	0	0	0	0	0	0	0	0
11/17/2023 14:32	42903 MIDD_T2	2	2	0	0.9	1	0.1	-1.25	-1.34	1	1	0	1200	1200	0
11/17/2023 14:33	56501 ROCK_T2	470	432	-38	0.39	0.4	0.01	-1.54	-1.56	0	0	0	0	0	0
11/17/2023 14:34	58401 MORO_T1	0	0	0	0	0	0	-2	-2.04	2	2	0	1200	1200	0
11/17/2023 14:34	58401 MORO_T1	0	0	0	0	0	0	-2	-2.04	2	2	0	1200	1200	0
11/17/2023 14:34	56501 ROCK_T2	470	432	-38	0.39	0.4	0.01	-1.54	-1.56	0	0	0	0	0	0
11/17/2023 14:35	56504 ROCK_T2	0	0	0	0	0	0	-0.22	-0.37	0	0	0	0	0	0
11/17/2023 14:35	58401 MORO_T1	0	0	0	0	0	0	-3	-3.06	3	3	0	1800	1800	0
11/17/2023 14:35	44601 SALE_T2	0	1	1	0	0.7	0.7	0.21	0.17	0	0	0	0	0	0
11/17/2023 14:35	59101 WALK_T2	1	1	0	0	0	0	1.55	1.02	0	0	0	0	0	0
11/17/2023 14:35	66505 SMAN_T2	0	0	0	0	0	0	0.41	0.49	2	2	0	1100	1100	0
11/17/2023 14:36	44601 SALE_T2	0	1	1	0	0.7	0.7	0.21	0.17	0	0	0	0	0	0
11/17/2023 14:36	56501 ROCK_T2	470	432	-38	0.39	0.4	0.01	0	0	0	0	0	0	0	0
11/17/2023 14:36	55101 WERT_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/17/2023 14:36	43301 WATS_T2	1	1	0	0.2	0.6	0.4	-0.65	-0.64	1	1	0	900	900	0
11/17/2023 14:37	56501 ROCK_T2	470	432	-38	0.39	0.4	0.01	-1.07	-1.11	0	0	0	0	0	0
11/17/2023 14:37	60201 ATGL_T2	0	0	0	0	0	0	0.08	0.14	1	1	0	300	300	0
11/17/2023 14:37	43301 WATS_T2	1	1	0	0.2	0.6	0.4	-0.65	-0.64	1	1	0	900	900	0
11/17/2023 14:37	66504 SMAN_T2	0	0	0	0	0	0	-0.48	-0.52	0	0	0	0	0	0
11/17/2023 14:37	55101 WERT_T1	0	0	2	0	0	0	-0.76	-0.89	2	2	0	1500	1500	0
11/17/2023 14:38	42201 SHEN_T2	0	0	0	0	0	0	-0.05	0.57	0	0	0	0	0	0
11/17/2023 14:38	46004 BERW_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/17/2023 14:38	43301 WATS_T2	1	1	0	0.2	0.6	0.4	-0.65	-0.64	1	1	0	900	900	0
11/17/2023 14:38	56501 ROCK_T2	470	432	-38	0.39	0.4	0.01	-1.54	-1.56	0	0	0	0	0	0
11/17/2023 14:38	42701 AUGU_T1	0	1	1	0	0.3	0.3	0	0	4	4	0	3600	3600	0
11/17/2023 14:39	43301 WATS_T2	1	1	0	0.2	0.6	0.4	0	0	0	0	0	0	0	0
11/17/2023 14:39	42701 AUGU_T1	0	1	1	0	0.3	0.3	0	0	2	2	0	1800	1800	0
11/17/2023 14:40	42701 AUGU_T1	0	1	1	0	0.3	0.3	0	0	2	2	0	1800	1800	0
11/17/2023 14:40	45902 AUBU_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/17/2023 14:40	61301 EARL_T1	0	0	0	0	0	0	-0.42	-0.46	1	1	0	900	900	0
11/17/2023 14:41	46801 HEPB_T2	2	2	0	0.65	0.85	0.2	0	0	0	0	0	0	0	0
11/17/2023 14:41	44301 BEAV_T2	0	0	0	0	0	0	-0.47	-0.42	1	1	0	600	600	0
11/17/2023 14:42	54502 ENOL_T2	1	1	0	0.6	0.5	-0.1	0	0	0	0	0	0	0	0
11/17/2023 14:43	48902 FOSP_T2	0	0	0	0	0	0	0.2	0.04	0	0	0	0	0	0
11/17/2023 14:43	54505 ENOL_T2	1	1	0	1.2	1.2	0	0	0	0	0	0	0	0	0
11/17/2023 14:43	48901 FOSP_T2	0	0	0	0	0	0	-0.42	-0.42	1	1	0	600	600	0
11/17/2023 14:45	48901 FOSP_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/17/2023 14:45	45003 LIME_2	2	1	-1	2.5	4.9	2.4	0	0	1	1	0	1200	1200	0
11/17/2023 14:45	41801 GOCI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/17/2023 14:46	52401 GRPA_T2	2	2	0	0.7	0.9	0.2	0	0	0	0	0	0	0	0
11/17/2023 14:47	45001 LIME_2	26	24	-2	0.32	0.27	-0.05	0	0	0	0	0	0	0	0
11/17/2023 14:47	52401 GRPA_T2	2	2	0	0.7	0.9	0.2	0	0	0	0	0	0	0	0
11/17/2023 14:47	26401 INOR_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/17/2023 14:48	64802 MONE_T2	3	30	27	0.1	0.12	0.02	0.12	0.14	0	0	0	0	0	0
11/17/2023 14:49	46903 MNTG_T2	0	0	0	0	0	0	0.18	-0.01	1	1	0	600	600	0
11/17/2023 14:49	58401 MORO_T1	0	0	0	0	0	0	-1.02	-1.01	1	1	0	600	600	0
11/17/2023 14:50	58401 MORO_T1	0	0	0	0	0	0	-3.06	-3.03	3	3	0	1800	1800	0
11/17/2023 14:50	64101 REFR_T1	1	15	14	0.1	0.11	0.01	-0.17	-0.22	0	0	0	0	0	0
11/17/2023 14:50	58402 MORO_T1	0	0	0	0	0	0	-2.16	-2.18	4	4	0	3000	3000	0
11/17/2023 14:50	56504 ROCK_T2	0	0	0	0	0	0	-0.37	-0.35	0	0	0	0	0	0
11/17/2023 14:51	44601 SALE_T2	1	0	-1	0.7	0	-0.7	0.17	0.43	0	0	0	0	0	0
11/17/2023 14:52	44601 SALE_T2	1	0	-1	0.7	0	-0.7	0.17	0.43	0	0	0	0	0	0
11/17/2023 14:52	45303 WBER_T2	1	4	3	1.2	0.3	-0.9	0	0	0	0	0	0	0	0
11/17/2023 14:53	45303 WBER_T2	1	4	3	1.2	0.3	-0.9	0	0	0	0	0	0	0	0
11/17/2023 14:54	54505 ENOL_T2	1	1	0	1.2	1.3	0.1	0	0	0	0	0	0	0	0
11/17/2023 14:56	28604 BLYT_T2	1	0	-1	0.1	0	-0.1	-1.48	-1.48	0	0	0	0	0	0
11/17/2023 14:56	45303 WBER_T2	1	4	3	1.2	0.3	-0.9	0	0	0	0	0	0	0	0
11/17/2023 14:56	54502 ENOL_T2	1	1	0	0.5	0.4	-0.1	0	0	0	0	0	0	0	0
11/17/2023 14:58	48901 FOSP_T2	0	0	0	0	0	0	-0.84	-0.88	2	2	0	1200	1200	0
11/17/2023 14:59	54503 ENOL_T2	0	0	0	0	0	0	-0.44	-0.43	1	1	0	600	600	0
11/17/2023 14:59	48902 FOSP_T2	0	0	0	0	0	0	0.04	0.05	0	0	0	0	0	0
11/17/2023 14:59	48902 FOSP_T2	0	0	0	0	0	0	0.04	0.05	0	0	0	0	0	0
11/17/2023 15:02	42903 MIDD_T2	2	2	0	0.95	1	0.05	-1.31	-1.31	1	1	0	1200	1200	0
11/17/2023 15:03	42903 MIDD_T2	2	2	0	0.95	1	0.05	-1.31	-1.31	1	1	0	1200	1200	0
11/17/2023 15:07	46001 BERW_T1	0	1	1	0	0	0	1.17	0.93	0	0	0	0	0	0
11/17/2023 15:08	46001 BERW_T1	0	1	1	0	0	0	1.17	0.93	0	0	0	0	0	0
11/17/2023 15:09	46001 BERW_T1	0	1	1	0	0	0	1.17	0.93	0	0	0	0	0	0
11/17/2023 15:09	15001 BLMO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/17/2023 15:10	15001 BLMO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/17/2023 15:11	46001 BERW_T1	0	1	1	0	0	0	0.93	0.91	0	0	0	0	0	0
11/17/2023 15:11	40902 JESH_T1	0	0	0	0	0	0	-0.75	-0.76	0	0	0	0	0	0
11/17/2023 15:11	46203 DANV_T2	0	0	0	0	0	0	-1.51	-1.52	0	0	0	0	0	0
11/17/2023 15:12	15001 BLMO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/17/2023 15:13	25402 LAHA_T2	0	0	0	0	0	0	-0.82	-0.83	0	0	0	0	0	0
11/17/2023 15:13	46203 DANV_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/17/2023 15:20	52502 PROG_T2	0	0	0	0	0	0	0.2	0.2	0	0	0	0	0	0
11/17/2023 15:21	43302 WATS_T2	4	4	0	0.18	0.2	0.02	0	0	0	0	0	0	0	0
11/17/2023 15:22	43301 WATS_T2	1	1	0	0.6	0.8	0.2	0	0	0	0	0	0	0	0
11/17/2023 15:22	52502 PROG_T2	0	0	0	0	0	0	0.2	0.2	0	0	0	0	0	0
11/17/2023 15:23	43304 WATS_T2	0	0	0	0	0	0	-0.55	-0.44	0	0	0	0	0	0
11/17/2023 15:24	46203 DANV_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/17/2023 15:27	46203 DANV_T2	0	0	0	0	0	0	-1.52	-1.5	0	0	0	0	0	0
11/17/2023 15:28	46203 DANV_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/17/2023 15:31	57304 MOAL_T2	65	65	0	0.71	0.63	-0.08	-0.51	-0.63	0	0	0	0	0	0
11/17/2023 15:37	14403 SSLA_T1	0	0	0	0	0	0	0.46	0.43	0	0	0	0	0	0
11/17/2023 15:37	45902 AUBU_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/17/2023 15:38	14403 SSLA_T1	0	0	0	0	0	0	0.46	0.43	0	0	0	0	0	0
11/17/2023 15:38	54505 ENOL_T2	1	1	0	1.2	1.3	0.1	0	0	0	0	0	0	0	0
11/17/2023 16:00	43202 MVIL_T2	0	0	0	0	0	0	-0.73	-0.73	0	0	0	0	0	0
11/17/2023 16:03	43202 MVIL_T2	0	0	0	0	0	0	-0.73	-0.73	0	0	0	0	0	0
11/17/2023 16:15	47901 HRDG_T1	0	0	0	0	0	0	1.15	1.36	0	0	0	0	0	0
11/17/2023 16:16	47901 HRDG_T1	0	0	0	0	0	0	1.15	1.36	0	0	0	0	0	0
11/17/2023 16:26	45902 AUBU_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/17/2023 16:37	60201 ATGL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/17/2023 16:48	45302 WBER_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/17/2023 16:51	45302 WBER_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/17/2023 18:11	46903 MNTG_T2	0	0	0	0	0	0	-0.25	-0.22	1	1	0	600	600	0
11/17/2023 18:14	42001 MNVL_T2	0	0	0	0	0	0	0.01	0.02	0	0	0	0	0	0
11/17/2023 18:23	45702 LIND_T2	1	1	0	1.5	1.9	0.4	-0.61	-0.61	0	0	0	0	0	0
11/17/2023 18:24	59101 WALK_T2	1	1	0	0	0	0	0.87	1.17	1	1	0	450	450	0
11/17/2023 18:24	47001 HUGH_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/17/2023 18:26	59302 MCAL_T1	1	1	0	0.5	0.8	0.3	0	0	0	0	0	0	0	0
11/17/2023 18:26	44301 BEAV_T2	0	0	0	0.5	0	-0.54	-0.41	1	1	0	600	600	0	
11/17/2023 18:27	16301 ALPA_T1	2	12	10	0.35	0.15	-0.2	-0.43	-0.43	0	0	0	0	0	0
11/17/2023 18:28	49803 UNIV_T1	0	0	0	0	0	0	0.21	0.17	0	0	0	0	0	0
11/17/2023 18:28	45501 DERR_T2	1	0	-1	0.1	0	-0.1	0	0	0	0	0	0	0	0
11/17/2023 18:28	59101 WALK_T2	1	1	0	0	0	0	1.17	1.17	1	1	0	450	450	0
11/17/2023 18:29	46203 DANV_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/17/2023 18:30	42701 AUGU_T1	0	0	0	0	0	0	0	0	2	2	0	1800	1800	0
11/17/2023 18:30	48901 FOSP_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/17/2023 18:30	42801 SELI_T1	1	1	0	0	0	0	0	0	0	0	0	0	0	0
11/17/2023 18:30	45501 DERR_T2	0	1	1	0	0	0	1.02	1.68	6

11/17/2023 18:37	25402 LAHA_T2	0	0	0	0	0	0	-0.88	-0.85	0	0	0	0	0	0
11/17/2023 18:37	46203 DANV_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/17/2023 18:37	56802 BENV_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/17/2023 18:37	52502 PROG_T2	0	0	0	0	0	0	0.22	0.23	0	0	0	0	0	0
11/17/2023 18:38	52402 GRPA_T2	4	4	0	1.45	1.4	-0.05	0	0	0	0	0	0	0	0
11/17/2023 18:38	53601 DALM_T2	1	1	0	0.6	0.7	0.1	-0.15	-0.17	0	0	0	0	0	0
11/17/2023 18:38	45003 LIME_2	2	2	0	1.75	3.7	1.95	0	0	1	1	0	1200	1200	0
11/17/2023 18:38	16301 ALPA_T1	2	12	10	0.35	0.15	-0.2	-0.43	-0.43	0	0	0	0	0	0
11/17/2023 18:38	56802 BENV_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/17/2023 18:38	42903 MIDD_T2	0	0	0	0	0	0	-0.21	-0.22	0	0	0	0	0	0
11/17/2023 18:38	26401 INOR_T1	1	1	0	0.2	0.1	-0.1	0.24	0.22	0	0	0	0	0	0
11/17/2023 18:38	52502 PROG_T2	0	0	0	0	0	0	0.22	0.23	0	0	0	0	0	0
11/17/2023 18:38	44901 SCOT_T2	0	0	0	0	0	0	-1.01	-1.06	0	0	0	0	0	0
11/17/2023 18:38	42801 SELI_T1	1	1	0	0	0	0	0	0	0	0	0	0	0	0
11/17/2023 18:38	40901 IESH_T1	1	1	0	0.7	0.8	0.1	0	0	0	0	0	0	0	0
11/17/2023 18:38	46203 DANV_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/17/2023 18:39	54202 PENN_T2	3	13	10	0.1	0.1	0	0.57	0.55	0	0	0	0	0	0
11/17/2023 18:39	67001 STHI_T2	1	1	0	0.4	0.4	0	0	0	0	0	0	0	0	0
11/17/2023 18:39	54206 PENN_T2	2	5	3	0.15	0.16	0.01	0	0	0	0	0	0	0	0
11/17/2023 18:39	52404 GRPA_T2	1	1	0	0.7	0.8	0.1	-0.14	-0.14	0	0	0	0	0	0
11/17/2023 18:39	56504 ROCK_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/17/2023 18:39	45301 WBER_T2	0	3	3	0	0.17	0.17	0	0	0	0	0	0	0	0
11/17/2023 18:39	43001 ALWD_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/17/2023 18:39	44901 SCOT_T2	0	0	0	0	0	0	-1.01	-1.06	0	0	0	0	0	0
11/17/2023 18:39	58402 MORO_T1	1	0	-1	0.4	0	-0.4	0	0	0	0	0	0	0	0
11/17/2023 18:39	15001 BLMO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/17/2023 18:39	42701 AUGU_T1	0	0	0	0	0	0	0	0	2	2	0	1800	1800	0
11/17/2023 18:39	43401 BENT_T1	2	0	-2	0.65	0	-0.65	0	0	0	0	0	0	0	0
11/17/2023 18:39	40101 HUNT_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/17/2023 18:40	42801 SELI_T1	1	1	0	0	0	0	0	0	0	0	0	0	0	0
11/17/2023 18:40	40101 HUNT_T2	2	2	0	0.65	0.4	-0.25	-0.62	-0.59	0	0	0	0	0	0
11/17/2023 18:40	45001 LIME_2	0	7	7	0	0.13	0.13	0	0	0	0	0	0	0	0
11/17/2023 18:40	52403 GRPA_T2	0	1	1	0	0	0	0	0.02	0	0	0	0	0	0
11/17/2023 18:40	54503 ENOL_T2	0	0	0	0	0	0	-0.43	-0.44	1	1	0	600	600	0
11/17/2023 18:40	14403 SSLA_T1	0	0	0	0	0	0	0.54	0.55	0	0	0	0	0	0
11/17/2023 18:40	55002 NEWP_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/17/2023 18:41	45303 WBER_T2	27	251	224	0.3	0.27	-0.03	0	0	0	0	0	0	0	0
11/17/2023 18:41	58401 MORO_T1	0	0	0	0	0	0	-1.14	-1.12	1	1	0	600	600	0
11/17/2023 18:41	59101 WALK_T2	1	1	0	0	0	0	1.17	1.12	1	1	0	450	450	0
11/17/2023 18:41	62607 ENGL_T1	0	0	0	0	0	0	0.23	0.2	1	1	0	300	300	0
11/17/2023 18:41	56501 ROCK_T2	359	504	145	0.36	0.61	0.25	0	0	0	0	0	0	0	0
11/17/2023 18:41	52402 GRPA_T2	4	4	0	1.45	1.4	-0.05	0	0	0	0	0	0	0	0
11/17/2023 18:41	45003 LIME_2	2	2	0	1.75	3.7	1.95	0	0	1	1	0	1200	1200	0
11/17/2023 18:41	15001 BLMO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/17/2023 18:41	46001 BERW_T1	0	0	0	0	0	0	0.76	0.76	0	0	0	0	0	0
11/17/2023 18:41	26401 INOR_T1	1	1	0	0.2	0.1	-0.1	0	0	0	0	0	0	0	0
11/17/2023 18:42	45001 LIME_2	0	7	7	0	0.13	0.13	0	0	0	0	0	0	0	0
11/17/2023 18:42	13302 ORVI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/17/2023 18:42	52501 PROG_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/17/2023 18:42	41902 REID_T1	0	0	0	0	0	0	1	0.87	0	0	0	0	0	0
11/17/2023 18:42	15001 BLMO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/17/2023 18:42	45902 AUBU_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/17/2023 18:42	42201 SHEN_T2	0	0	0	0	0	0	0.55	0.57	0	0	0	0	0	0
11/17/2023 18:42	56802 BENV_T2	175	177	2	0.36	0.28	-0.08	-1.41	-1.38	0	0	0	0	0	0
11/17/2023 18:42	20403 ASHF_T2	0	0	0	0	0	0	0.18	0.17	0	0	0	0	0	0
11/17/2023 18:42	45402 WILO_T2	1	1	0	0.8	0.9	0.1	0	0	0	0	0	0	0	0
11/17/2023 18:42	46001 BERW_T1	0	0	0	0	0	0	0.76	0.76	0	0	0	0	0	0
11/17/2023 18:43	56801 BENV_T1	22	26	4	0.86	0.78	-0.08	-0.86	-0.86	0	0	0	0	0	0
11/17/2023 18:43	44601 SALE_T2	0	1	1	0	0.2	0.2	-0.21	-0.15	0	0	0	0	0	0
11/17/2023 18:43	41901 REED_T1	4	5	1	0.38	0.34	-0.04	0	0	0	0	0	0	0	0
11/17/2023 18:43	45301 WBER_T2	0	3	3	0	0.17	0.17	0	0	0	0	0	0	0	0
11/17/2023 18:43	43302 WATS_T2	4	4	0	0.88	0.93	0.05	0	0	0	0	0	0	0	0
11/17/2023 18:43	45001 LIME_2	0	7	7	0	0.13	0.13	0	0	0	0	0	0	0	0
11/17/2023 18:43	55101 WERT_T1	0	0	0	0	0	0	-1.2	-1.22	2	2	0	1500	1500	0
11/17/2023 18:43	43202 MVIL_T2	0	0	0	0	0	0	-0.74	-0.75	0	0	0	0	0	0
11/17/2023 18:43	27502 WEIS_T2	0	0	0	0	0	0	-0.63	-0.64	0	0	0	0	0	0
11/17/2023 18:43	43304 WATS_T2	1	0	-1	1	0	-1	-0.33	-0.41	0	0	0	0	0	0
11/17/2023 18:43	44901 SCOT_T2	0	0	0	0	0	0	-1.06	-1.03	0	0	0	0	0	0
11/17/2023 18:43	45902 AUBU_T1	0	0	0	0	0	0	-1.08	-1.09	1	1	0	600	600	0
11/17/2023 18:43	54505 ENOL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/17/2023 18:43	59101 WALK_T2	1	1	0	0	0	0	1.17	1.12	1	1	0	450	450	0
11/17/2023 18:43	46001 BERW_T1	0	0	0	0	0	0	0.76	0.76	0	0	0	0	0	0
11/17/2023 18:43	13302 ORVI_T2	118	32	-86	0.26	0.27	0.01	1.12	1.1	0	0	0	0	0	0
11/17/2023 18:43	48901 FOSP_T2	0	0	0	0	0	0	0.21	0.21	0	0	0	0	0	0
11/17/2023 18:43	67002 STHI_T2	0	0	0	0	0	0	0.58	0.59	0	0	0	0	0	0
11/17/2023 18:44	48902 FOSP_T2	0	0	0	0	0	0	0	0.06	0	0	0	0	0	0
11/17/2023 18:44	45802 HEGI_T2	0	0	0	0	0	0	0.43	0.54	0	0	0	0	0	0
11/17/2023 18:44	55002 NEWP_T1	4	6	2	0.68	0.77	0.09	-0.25	-0.25	0	0	0	0	0	0
11/17/2023 18:44	48902 FOSP_T2	0	0	0	0	0	0	0	0.06	0	0	0	0	0	0
11/17/2023 18:44	42801 SELI_T1	1	1	0	0	0	0	0	0	0	0	0	0	0	0
11/17/2023 18:44	41902 REID_T1	0	0	0	0	0	0	1	0.87	0	0	0	0	0	0
11/17/2023 18:44	52402 GRPA_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/17/2023 18:44	54001 SDLE_T1	3	3	0	0.63	0.7	0.07	0	0	0	0	0	0	0	0
11/17/2023 18:44	56802 BENV_T2	175	177	2	0.36	0.28	-0.08	-4.23	-4.14	0	0	0	0	0	0
11/17/2023 18:45	42201 SHEN_T2	0	0	0	0	0	0	0.55	0.57	0	0	0	0	0	0
11/17/2023 18:45	52404 GRPA_T2	1	1	0	0.8	1	0.2	0	0	0	0	0	0	0	0
11/17/2023 18:45	46003 BERW_T2	130	161	31	0.2	0.25	0.05	0	0	0	0	0	0	0	0
11/17/2023 18:45	43302 WATS_T2	4	4	0	0.8	1.1	0.3	0	0	0	0	0	0	0	0
11/17/2023 18:45	10805 CHHI_T2	1	1	0	7.6	7.4	-0.2	-1.11	-1.11	0	0	0	0	0	0
11/17/2023 18:45	54001 SDLE_T1	3	4	1	0.7	0.65	-0.05	0	0	0	0	0	0	0	0
11/17/2023 18:45	48901 FOSP_T2	0	0	0	0	0	0	0.21	0.21	0	0	0	0	0	0
11/17/2023 18:46	52404 GRPA_T2	1	1	0	0.8	1	0.2	0	0	0	0	0	0	0	0
11/17/2023 18:46	57403 SPAN_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/17/2023 18:46	42201 SHEN_T2	0	0	0	0	0	0	0.55	0.57	0	0	0	0	0	0
11/17/2023 18:46	56802 BENV_T2	164	173	9	0.29	0.27	-0.02	-1.41	-1.38	0	0	0	0	0	0
11/17/2023 18:46	67002 STHI_T2	0	1	1	0	0.1	0.1	0.58	0.59	0	0	0	0	0	0
11/17/2023 18:46	67502 WEWI_T2	28	50	22	0.15	0.15	0	-0.49	-0.51	0	0	0	0	0	0
11/17/2023 18:46	56501 ROCK_T2	475	519	44	0.49	0.64	0.15	-3.16	-3.09	0	0	0	0	0	0
11/17/2023 18:46	58402 MORO_T1	0	0	0	0	0	0	-1.74	-1.68	4	4	0	3000	3000	0
11/17/2023 18:46	14403 SSLA_T1	0	0	0	0	0	0	0.55	0.5	0	0	0	0	0	0
11/17/2023 18:47	45302 WBER_T2	4	22	18	0.15	0.16	0.01	0	0	0	0	0	0	0	0
11/17/2023 18:47	55101 WERT_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/17/2023 18:47	58401 MORO_T1	0	0	0	0	0	0	-1.14	-1.12	1	1	0	600	600	0
11/17/2023 18:47	43302 WATS_T2	4	4	0	0.8	1.1	0.3	0	0	0	0	0	0	0	0
11/17/2023 18:47	45902 AUBU_T1	0	4	4	0	0.13	0.13	-1.08	-1.09	1	1	0	600	600	0
11/17/2023 18:47	67002 STHI_T2	0	1	1	0	0.1	0.1	0.58	0.59	0	0	0	0	0	0
11/17/2023 18:47	56802 BENV_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/17/2023 18:47	28604 BLYT_T2	0	0	0	0	0	0	-1.4	-1.41	0	0	0	0	0	0
11/17/2023 18:48	67502 WEWI_T2	28	50	22	0.15	0.15	0	-0.98	-1.02	0	0	0	0	0	0
11/17/2023 18:48	56802 BENV_T2	164	173	9	0.29	0.27	-0.02	-1.41	-1.38	0	0	0	0	0	0
11/17/2023 18:48	56501 ROCK_T2	475	519	44	0.49	0.64	0.15	-1.58	-1.55	0	0	0	0	0	0
11/17/2023 18:48	67503 WEWI_T2	0	0	0	0	0	0	-0.3	-0.3	0	0	0	0	0	0
11/17/2023 18:48	53901 HALI_T2	20	2	-18	0.14	0.5	0.36	0	0	0	0	0	0	0	0
11/17/2023 18:48	66302 MCGD_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/17/2023 18:48	64301 LINC_T1	0	0	0	0	0	0	-0.32	-0.31	1	1	0	600	600	0
11/17/2023 18:48	55002 NEWP_T1	4	6	2	1.1	0.85	-0.25	-0.25	-0.25	0	0	0	0	0	0
11/17/2023 18:49	54501 ENOL_T2	2	2	0	0.1	0.2	0.1	-0.57	-0.57	1	1	0	600	600	0
11/17/2023 18:49	66505 SMAN_T2	3	3	0	0.57	0.53	-0.04	0	0	0	0	0	0	0	0
11/17/2023 18:49	67502 WEWI_T2	28	50	22	0.15	0.15	0	0	0	0	0	0	0	0	0
11/17/2023 18:49	12202 FOGE_T2	0	0	0	0	0	0	0	0	1	1	0	600	600	0
11/17/2023 18:49	54204 PENN_T2	3	3	0	0.37	0.5	0.13	0	0	0	0	0	0	0	0
11/17/2023 18:49	42801 SELI_T1	1	1	0	0	0	0	0	0	0	0	0	0	0	0
11/17/2023 18:49	45902 AUBU_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/17/2023 18:49	64802 MONE_T2	2	3	1	0.1	0.1	0	0.13	0.12	0	0	0	0	0	0
11/17/2023 18:49	55105 WERT_T1	0	0	0	0	0	0	-0.71	-0.7	1	1	0	900	900	0
11/17/2023 18:49	56802 BENV_T2	164	173	9	0.29	0.27	-0.02	-1.41	-1.38	0	0	0	0	0	0
11/17/2023 18:49	54701 NEBL_T1	0	5	5	0	0.24	0.24	0	0	1	1	0	600	600	0
11/17/2023 18:49	60201 ATGL_T2	0	0	0	0	0	0	0.44	0.48	0	0	0	0	0	0
11/17/2023 18:49	16302 ALPA_T2	0	0	0	0	0	0	0.66	0.61	0	0	0	0	0	0
11/17/2023 18:49	56501 ROCK_T2	475	519	44	0.49	0.64	0.15	-3.16	-3.09	0	0	0	0	0	0
11/17/2023 18:49	67503 WEWI_T2	0	0	0	0	0	0	-0.3	-0.3	0	0	0	0	0	0
11/17/2023 18:49	40602 PIGR_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/17/2023 18:50	57301 MOAL_T2	0	1	1	0	0	0	0	0	0	0	0	0	0	0
11/17/2023 18:50	54501 ENOL_T2	2	2	0	0.1	0.2	0.1	0	0	0	0	0	0	0	0
11/17/2023 18:50	67001 STHI_T2	1	55	54	0.4	0.11	-0.29	0	0	0	0	0	0	0	0
11/17/2023 18:50	67001 STHI_T2	1	55	54	0.4	0.11	-0.29	0	0	0	0	0	0	0	0
11/17/2023 18:50	42801 SELI_T1	1	1	0	0	0	0	0	0	0	0	0	0	0	0
11/17/2023 18:50	57401 SPAN_T1	2	2	0	0.9	1.45	0.55	0	0	0	0	0	0	0	0
11/17/2023 18:50	60605 NCOL_T2	0	0	0	0	0	0	-0.59	-0.59	0	0	0	0	0	0
11/17/2023 18:50	53903 HALI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/17/2023 18:50	60201 ATGL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/17/2023 18:50	67502 WEWI_T2	28	50	22	0.15	0.15	0	-0.49	-0.51	0	0	0	0	0	0
11/17/2023 18:50	56802 BENV_T2	164	173	9	0.29	0.27	-0.02	-2.82	-2.76	0	0	0	0	0	0
11/17/2023 18:51	67001 STHI_T2	1	55	54	0.4	0.11	-0.29	0.02	0.02	0	0	0	0	0	0
11/17/2023 18:51	58402 MORO_T1	0	0	0	0	0	0	-0.87	-0.84	2	2	0	1500	1500	0
11/17/2023 18:51	66903 SHIL_T2	0	1	1	0	0	0	0	0	0	0	0	0	0	0
11/17/2023 18:52	63801 HEMP_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/17/2023 18:52	66503 SMAN_T2	0	1	1	0	0.1	0.1	0	0	0	0	0	0	0	0
11/17/2023 18:52	61301 EARL_T1	0	0	0	0	0	0	-0.54	-0.54	1	1	0	900	900	0
11/17/2023 18:52	56501 ROCK_T2	475	519	44	0.49	0.64	0.15	0	0	0	0	0	0	0	0
11/17/2023 18:52	67001 STHI_T2	1	55	54	0.4	0.11	-0.29	0	0	0	0	0	0	0	0
11/17/2023 18:52	67503 WEWI_T2	0	0	0	0	0	0	-0.3	-0.3	0	0	0	0	0	0
11/17/2023 18:52	20403 ASHF_T2	0	0	0	0	0	0	0.18	0.17	0	0	0	0	0	0
11/17/2023 18:53	67502 WEWI_T2	28	50	22	0.15	0.15	0	-0.49	-0.51	0	0	0	0	0	0
11/17/2023 18:53	56504 ROCK_T2	0	0	0	0	0	0	-0.39	-0.4	0	0	0	0	0	0
11/17/2023 18:53	67605 WARW_T1	0	5	5	0	0.2	0.2	-1.1	-1.06	0	0	0	0	0	0
11/17/2023 18:54	40602 PIGR_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/17/2023 18:54	64802 MONE_T2	2	3	1	0.1	0.1	0	0.13	0.12	0	0	0	0	0	0
11/17/2023 18:54	67503 WEWI_T2	0	0	0	0	0	0	-0.3	-0.3	0	0	0	0	0	0
11/17/2023 18:55	67001 STHI_T2	1	55	54	0.4	0.11	-0.29	0	0	0	0	0	0	0	0
11/17/2023 18:59	58401 MORO_T1	0	0	0	0	0	0	-1.12	-1.12	1	1	0	600	600	0
11/17/2023 18:59	66302 MCGD_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/17/2023 19:00	66703 STRA_T1	6	6	0	0.3	0.32	0.02	-0.34	-0.32	0	0	0	0	0	0
11/17/2023 19:01	56501 ROCK_T2	501	523	22	0.61	0.69	0.08	0	0	0	0	0	0	0	0
11/17/2023 19:13	43402 BENT_T1	0	0	0	0	0	0	-0.87	-0.89	1	1	0	900	900	0
11/17/2023 19:25	16301 ALPA_T1	23	63	40	0.13	0.16	0.03	-0.46	-0.45	0	0	0	0	0	0
11/17/2023 19:29	43402 BENT_T1	0	0	0	0	0	0	-0.89	-0.92	1	1	0	900	900	0
11/17/2023 19:50	61101 BERK_T5	0	0	0	0	0	0	-0.99	-1	0	0	0	0	0	0
11/17/2023 20:03	54505 ENOL_T2	1	1	0	0.9	1.2	0.3	0	0	0	0	0	0	0	0
11/17/2023 20:13	43402 BENT_T1	0	0	0	0	0	0	-0.9	-0.9	1	1	0	900	900	0
11/17/2023 21:47	65003 NEFF_T2	4	0	-4	0.2	0	-0.2	0	0	0	0	0	0	0	0
11/17/2023 22:46	51604 DUKE_T2	0	0	0	0	0	0	-1.81	-1.81	1	1	0	900	900	0
11/18/2023 0:28	56501 ROCK_T2	385	454	69	0.3	0.33	0.03	-3.24	-3.35	0	0	0	0	0	0
11/18/2023 0:28	67001 STHI_T2	0	0	0	0	0	0	-0.01	-0.01	0	0	0	0	0	0
11/18/2023 0:28	45002 LIME_2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/18/2023 0:28	43402 BENT_T1	0	0	0	0	0	0	-0.92	-0.93	1	1	0	900	900	0
11/18/2023 0:28	43304 WATS_T2	0	0	0	0	0	0	-0.61	-0.62	0	0	0	0	0	0
11/18/2023 0:28	15001 BLMO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/18/2023 0:28	54504 ENOL_T2	0	0	0	0	0	0	-1.17	-1.17	1	1	0	600	600	0
11/18/2023 0:28	54504 ENOL_T2	0	0	0	0	0	0	-1.17	-1.17	1	1	0	600	600	0
11/18/2023 0:28	60201 ATGL_T2	83	0	-83	0.

11/18/2023 9:00	58402 MORO_T1	0	0	0	0	0	0	-1.43	-1.43	2	2	0	1500	1500	0
11/18/2023 9:00	46801 HEPB_T2	0	0	0	0	0	0	0.54	0.56	0	0	0	0	0	0
11/18/2023 9:00	52503 PROG_T2	0	0	0	0	0	0	-0.72	-0.7	1	1	0	900	900	0
11/18/2023 9:06	67503 WEWI_T2	0	0	0	0	0	0	-0.31	-0.32	0	0	0	0	0	0
11/18/2023 9:10	45502 DERR_T2	1	0	-1	0.8	0	-0.8	0	0	0	0	0	0	0	0
11/18/2023 9:12	45502 DERR_T2	1	0	-1	0.8	0	-0.8	0	0	0	0	0	0	0	0
11/18/2023 9:12	40101 HUNT_T2	0	0	0	0	0	0	-0.66	-0.73	0	0	0	0	0	0
11/18/2023 9:13	45602 WOOL_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/18/2023 9:14	41801 GOCI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/18/2023 9:16	45602 WOOL_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/18/2023 9:22	41801 GOCI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/18/2023 9:23	40101 HUNT_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/18/2023 9:24	45902 AUBU_T1	0	1	1	0	0.8	0.8	-0.89	-0.93	1	1	0	600	600	0
11/18/2023 9:25	45902 AUBU_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/18/2023 9:29	43402 BENT_T1	0	0	0	1	0.2	0.2	-1.5	-1.49	2	2	0	1500	1500	0
11/18/2023 9:35	43304 WATS_T2	0	0	0	0	0	0	-0.78	-0.8	0	0	0	0	0	0
11/18/2023 9:37	29402 BELT_T1	1	2	1	7.5	3.9	-3.6	0	0	0	0	0	0	0	0
11/18/2023 9:37	14403 SSLA_T1	0	0	0	0	0	0	0.64	0.66	0	0	0	0	0	0
11/18/2023 9:38	60201 ATGL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/18/2023 9:38	45902 AUBU_T1	1	2	1	0.8	0.35	-0.45	-0.93	-0.92	1	1	0	600	600	0
11/18/2023 9:39	43304 WATS_T2	0	0	0	0	0	0	-1.56	-1.6	0	0	0	0	0	0
11/18/2023 9:39	14403 SSLA_T1	0	0	0	0	0	0	0.64	0.66	0	0	0	0	0	0
11/18/2023 9:41	45902 AUBU_T1	1	2	1	0.8	0.35	-0.45	-0.92	-0.98	1	1	0	600	600	0
11/18/2023 9:41	46203 DANV_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/18/2023 9:42	45902 AUBU_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/18/2023 9:45	46203 DANV_T2	0	2	2	0	0.2	0.2	0	0	0	0	0	0	0	0
11/18/2023 9:49	64101 REFR_T1	0	0	0	0	0	0	0.08	0.07	0	0	0	0	0	0
11/18/2023 9:50	43201 MVIL_T2	0	0	0	0	0	0	-1.32	-1.26	0	0	0	0	0	0
11/18/2023 9:51	58402 MORO_T1	0	0	0	0	0	0	-1.49	-1.48	2	2	0	1500	1500	0
11/18/2023 9:51	20403 ASHF_T2	1	1	0	0.4	0.4	0	0.16	0.16	0	0	0	0	0	0
11/18/2023 9:51	43001 ALWD_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/18/2023 9:52	43001 ALWD_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/18/2023 9:52	66504 SMAN_T2	1	1	0	0.3	0.4	0.1	-1.78	-1.84	1	1	0	1200	1200	0
11/18/2023 9:53	67503 WEWI_T2	0	0	0	0	0	0	-0.32	-0.32	0	0	0	0	0	0
11/18/2023 9:53	29402 BELT_T1	2	1	-1	3.9	7.7	3.8	0	0	0	0	0	0	0	0
11/18/2023 9:53	15001 BLMO_T1	0	0	0	1	0.2	0.2	0	0	0	0	0	0	0	0
11/18/2023 9:53	45902 AUBU_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/18/2023 9:55	15001 BLMO_T1	0	1	1	0	0.2	0.2	0	0	0	0	0	0	0	0
11/18/2023 9:55	56802 BENV_T2	0	0	0	0	0.2	0.2	-1.46	-1.5	0	0	0	0	0	0
11/18/2023 9:56	15001 BLMO_T1	0	1	1	0	0.2	0.2	0	0	0	0	0	0	0	0
11/18/2023 9:56	56802 BENV_T2	0	1	1	0	0.2	0.2	-1.5	-1.49	0	0	0	0	0	0
11/18/2023 9:56	20403 ASHF_T2	1	1	0	0.4	0.4	0	0.16	0.11	0	0	0	0	0	0
11/18/2023 9:57	56802 BENV_T2	0	1	1	0	0.2	0.2	-1.5	-1.49	0	0	0	0	0	0
11/18/2023 9:58	40101 HUNT_T2	0	0	0	0	0	0	-0.71	-0.7	0	0	0	0	0	0
11/18/2023 10:00	45602 WOOL_T1	0	1	1	0	0.3	0.3	0	0	0	0	0	0	0	0
11/18/2023 10:02	40602 PIGR_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/18/2023 10:03	40602 PIGR_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/18/2023 10:03	52403 GRPA_T2	2	3	1	0.1	0.47	0.37	-0.1	-0.08	0	0	0	0	0	0
11/18/2023 10:03	64101 REFR_T1	0	0	0	0	0	0	0.07	0.08	0	0	0	0	0	0
11/18/2023 10:04	56501 ROCK_T2	11	13	2	0.37	0.53	0.16	-1.4	-1.42	0	0	0	0	0	0
11/18/2023 10:04	44901 SCOT_T2	0	0	0	0	0	0	-0.24	-0.22	0	0	0	0	0	0
11/18/2023 10:06	43301 WATS_T2	0	1	1	0	0	0	0	0	0	0	0	0	0	0
11/18/2023 10:07	44901 SCOT_T2	0	0	0	0	0	0	-0.24	-0.22	0	0	0	0	0	0
11/18/2023 10:07	67502 WEWI_T2	0	1	1	0	0.5	0.5	-3.06	-3.1	2	2	0	1800	1800	0
11/18/2023 10:07	10801 CHNI_T1	1	0	-1	0.1	0	-0.1	-0.99	-1.04	1	1	0	900	900	0
11/18/2023 10:07	43301 WATS_T2	0	1	1	0	0	0	0	0	0	0	0	0	0	0
11/18/2023 10:08	67502 WEWI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/18/2023 10:08	56802 BENV_T2	1	1	0	0.2	0.5	0.3	-1.5	-1.49	0	0	0	0	0	0
11/18/2023 10:09	43301 WATS_T2	0	1	1	0	0	0	0	0	0	0	0	0	0	0
11/18/2023 10:09	56802 BENV_T2	1	1	0	0.2	0.5	0.3	-1.5	-1.49	0	0	0	0	0	0
11/18/2023 10:10	15001 BLMO_T1	1	1	0	0.2	0.3	0.1	0	0	0	0	0	0	0	0
11/18/2023 10:10	43304 WATS_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/18/2023 10:10	56802 BENV_T2	1	1	0	0.2	0.5	0.3	-1.5	-1.49	0	0	0	0	0	0
11/18/2023 10:14	52401 GRPA_T2	0	1	1	0	0	0	0	0	0	0	0	0	0	0
11/18/2023 10:15	46203 DANV_T2	2	3	1	2.65	1.3	-1.35	-1.45	-1.44	0	0	0	0	0	0
11/18/2023 10:16	26402 INOR_T1	0	1	1	0	0.1	0.1	0	0	0	0	0	0	0	0
11/18/2023 10:17	65001 NEFF_T2	0	0	0	0	0	0	-1.2	-1.31	1	1	0	1200	1200	0
11/18/2023 10:18	44901 SCOT_T2	0	0	0	0	0	0	-0.22	-0.17	0	0	0	0	0	0
11/18/2023 10:20	67502 WEWI_T2	0	5	5	0	0.3	0.3	-1.55	-1.44	1	1	0	900	900	0
11/18/2023 10:20	52502 PROG_T2	1	5	5	0	0.2	0.3	0.1	-0.73	-0.73	1	1	0	900	900	0
11/18/2023 10:21	67502 WEWI_T2	0	5	5	0	0.3	0.3	-1.55	-1.44	1	1	0	900	900	0
11/18/2023 10:23	57403 SPAN_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/18/2023 10:24	67503 WEWI_T2	0	0	0	0	0	0	-0.3	-0.35	0	0	0	0	0	0
11/18/2023 10:25	61303 EARL_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/18/2023 10:28	28403 HART_T2	0	0	0	0	0	0	-0.95	-0.94	1	1	0	900	900	0
11/18/2023 10:29	45702 LIND_T2	1	1	0	0.1	0.2	0.1	-0.55	-0.54	0	0	0	0	0	0
11/18/2023 10:31	40901 JESH_T1	1	1	0	0.8	0.8	0	0	0	0	0	0	0	0	0
11/18/2023 10:32	56501 ROCK_T2	13	17	4	0.53	0.45	-0.08	-1.4	-1.39	0	0	0	0	0	0
11/18/2023 10:33	46903 MNTG_T2	5	5	0	0.3	0.78	0.48	-0.16	-0.27	1	1	0	600	600	0
11/18/2023 10:35	66701 STRA_T1	0	1	1	0	0.7	0.7	0	0	0	0	0	0	0	0
11/18/2023 10:35	67503 WEWI_T2	0	0	0	0	0	0	-0.35	-0.33	0	0	0	0	0	0
11/18/2023 10:36	59102 WALK_T2	0	1	1	0	0.1	0.1	0	0	0	0	0	0	0	0
11/18/2023 10:37	43304 WATS_T2	0	1	1	0	0	0	-0.82	-0.82	0	0	0	0	0	0
11/18/2023 10:37	43301 WATS_T2	1	0	-1	0.3	0	-0.3	-0.62	-0.62	1	1	0	900	900	0
11/18/2023 10:37	45402 WBLO_T2	0	1	1	0	0.7	0.7	0	0	0	0	0	0	0	0
11/18/2023 10:37	45902 AUBU_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/18/2023 10:38	15001 BLMO_T1	1	1	0	0.3	0.3	0	0	0	0	0	0	0	0	0
11/18/2023 10:38	43301 WATS_T2	0	0	-1	0.3	0	-0.3	0	0	0	0	0	0	0	0
11/18/2023 10:39	45303 WBER_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/18/2023 10:40	45303 WBER_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/18/2023 10:40	43001 ALWD_T1	0	1	1	0	0.1	0.1	0	0	0	0	0	0	0	0
11/18/2023 10:41	46801 HEPB_T2	2	2	0	0.25	0.5	0.25	0.59	0.56	0	0	0	0	0	0
11/18/2023 10:43	48901 FOSP_T2	0	0	0	0	0	0	-0.47	-0.45	1	1	0	600	600	0
11/18/2023 10:44	46801 HEPB_T2	2	2	0	0.25	0.5	0.25	0.59	0.56	0	0	0	0	0	0
11/18/2023 10:45	46203 DANV_T2	2	2	0	1.3	1.4	0.1	0	0	0	0	0	0	0	0
11/18/2023 10:46	40101 HUNT_T2	0	0	0	0	0	0	-0.66	-0.65	0	0	0	0	0	0
11/18/2023 10:48	64101 REFR_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/18/2023 10:49	54701 NEBL_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/18/2023 10:49	64101 REFR_T1	0	0	0	0	0	0	0.16	-0.01	0	0	0	0	0	0
11/18/2023 10:49	57401 SPAN_T1	2	2	0	0.35	0.25	-0.1	0	0	0	0	0	0	0	0
11/18/2023 10:50	43304 WATS_T2	0	1	1	0	0	0	-0.82	-0.83	0	0	0	0	0	0
11/18/2023 10:50	54701 NEBL_T1	0	0	0	0	0	0	0	0	1	1	0	600	600	0
11/18/2023 10:50	64101 REFR_T1	0	0	0	0	0	0	0.08	-0.01	0	0	0	0	0	0
11/18/2023 10:51	64101 REFR_T1	0	0	0	0	0	0	0.08	-0.01	0	0	0	0	0	0
11/18/2023 10:52	57401 SPAN_T1	2	2	0	0.35	0.25	-0.1	0	0	0	0	0	0	0	0
11/18/2023 10:52	16302 ALPA_T2	0	0	0	0	0	0	0.57	0.54	0	0	0	0	0	0
11/18/2023 10:52	64101 REFR_T1	0	0	0	0	0	0	0.16	-0.01	0	0	0	0	0	0
11/18/2023 10:53	29402 BELT_T1	2	2	0	4.1	4.25	0.15	0	0	0	0	0	0	0	0
11/18/2023 10:53	16302 ALPA_T2	0	0	0	0	0	0	0.57	0.54	0	0	0	0	0	0
11/18/2023 10:54	43304 WATS_T2	0	1	1	0	0	0	0	0	0	0	0	0	0	0
11/18/2023 10:54	29401 BELT_T1	0	0	0	0	0	0	0	0	1	1	0	900	900	0
11/18/2023 10:54	64101 REFR_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/18/2023 10:55	67502 WEWI_T2	5	6	1	0.3	0.43	0.13	-1.51	-1.51	1	1	0	900	900	0
11/18/2023 10:55	16302 ALPA_T2	0	0	0	0	0	0	0.57	0.54	0	0	0	0	0	0
11/18/2023 10:56	16302 ALPA_T2	0	0	0	0	0	0	0.54	0.52	0	0	0	0	0	0
11/18/2023 10:56	46004 BERW_T2	1	1	0	0.1	0.3	0.2	0	0	0	0	0	0	0	0
11/18/2023 10:57	46801 HEPB_T2	2	2	0	0.45	0.5	0.05	0.56	0.58	0	0	0	0	0	0
11/18/2023 10:58	29401 BELT_T1	0	0	0	0	0	0	0	0	1	1	0	900	900	0
11/18/2023 10:59	65001 NEFF_T2	0	1	1	0	0.1	0.1	0	0	0	0	0	0	0	0
11/18/2023 11:00	52002 LING_T2	1	1	0	0.2	1	0.8	0	0	0	0	0	0	0	0
11/18/2023 11:02	52502 PROG_T2	1	1	0	0.2	0.3	0.1	-0.72	-0.71	1	1	0	900	900	0
11/18/2023 11:04	52502 PROG_T2	1	1	0	0.2	0.3	0.1	-0.72	-0.71	1	1	0	900	900	0
11/18/2023 11:04	44601 SALE_T2	1	1	0	0.8	0.8	0	-0.13	-0.16	0	0	0	0	0	0
11/18/2023 11:05	14802 TREI_T2	0	4	4	0	0.1	0.1	0.3	0.28	0	0	0	0	0	0
11/18/2023 11:05	58003 WCAR_T1	1	1	0	1.4	1.4	0	-0.09	-0.13	1	1	0	600	600	0
11/18/2023 11:05	44601 SALE_T2	1	1	0	0.8	0.8	0	-0.13	-0.16	0	0	0	0	0	0
11/18/2023 11:06	67502 WEWI_T2	6	9	3	0.35	0.44	0.09	0	0	0	0	0	0	0	0
11/18/2023 11:06	58003 WCAR_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/18/2023 11:07	14802 TREI_T2	0	4	4	0	0.1	0.1	0.3	0.28	0	0	0	0	0	0
11/18/2023 11:09	42503 ALTA_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/18/2023 11:09	22103 EDEL_T2	1	1	0	0.4	0.4	0	0	0	0	0	0	0	0	0
11/18/2023 11:14	45001 LIME_2	2	2	0	0.4	0.65	0.25	0	0	0	0	0	0	0	0
11/18/2023 11:16	42902 MIDD_T2	1	2	1	0.2	0.6	0.4	-1.27	-1.26	1	0	-1	600	0	-600
11/18/2023 11:17	55002 NEWP_T1	1	3	2	2.4	0.9	-1.5	-0.19	-0.24	0	0	0	0	0	0
11/18/2023 11:17	45001 LIME_2	2	3	1	0.2	0.47	0.27	0	0	0	0	0	0	0	0
11/18/2023 11:18	55002 NEWP_T1	1	3	2	2.4	0.9	-1.5	-0.19	-0.24	0	0	0	0	0	0
11/18/2023 11:19	64101 REFR_T1	0	1	1	0	0.5	0.5	0.09	0.03	0	0	0	0	0	0
11/18/2023 11:21	64101 REFR_T1	0	1	1	0	0.5	0.5	0.18	0.05	0	0	0	0	0	0
11/18/2023 11:21	13701 SCHN_T2	1	2	1	0.2	0.3	0.1	0	0	0	0	0	0	0	0
11/18/2023 11:22	13704 SCHN_T2	0	0	0	0	0	0	-0.37	-0.4	0	0	0	0	0	0
11/18/2023 11:22	56802 BENV_T2	2	3	1	0.15	0.33	0.18	-1.45	-1.48	0	0	0	0	0	0
11/18/2023 11:22	64101 REFR_T1	0	1	1	0	0.5	0.5	0.09	0.03	0	0	0	0	0	0
11/18/2023 11:23	13704 SCHN_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/18/2023 11:23	64101 REFR_T1	0	1	1	0	0.5	0.5	0.09	0.03	0	0	0	0	0	0
11/18/2023 11:24	43304 WATS_T2	0	0	0	0	0	0	-0.79	-0.8	0	0	0	0	0	0
11/18/2023 11:25	64101 REFR_T1	0	1	1	0	0.5	0.5	0.09	0.03	0	0	0	0	0	0
11/18/2023 11:25	43301 WATS_T2	1	0	-1	0.2	0	-0.2	0	0	0	0	0	0	0	0
11/18/2023 11:26	20403 ASHF_T2	1	2	1	0.5	0.4	-0.1	0.14	0.1	0	0	0	0	0	0
11/18/2023 11:26	17802 GILB_T1	3	2	-1	0.5	0.85	0.35	0.02	0.06	0	0	0	0	0	0
11/18/2023 11:27	53902 HALI_T2	0	1	1	0	0	0	0	0	0	0	0	0	0	0
11/18/2023 11:28	61801 EEU_T2	0	2	2	0	0.1	0.1	-0.92	-0.94	1	1	0	600	600	0
11/18/2023 11:29	46203 DANV_T2	2	3	1	1.35	1.25	-0.1	-1.44	-1.49	0	0	0	0	0	0
11/18/2023 11:31	65001 NEFF_T2	1	1	0	0.2	0.2	0	0	0	0	0	0	0	0	0
11/18/2023 11:32	65001 NEFF_T2	0	1	1	0	0.1	0.1	-1.25	-1.2	1	1	0	1200	1200	0
11/18/2023 11:32	42902 MIDD_T2	1	2	1	0.4	0.65	0.25	-1.26	-1.29	0	1	1	0	600	600
11/18/2023 11:32	42903 MIDD_T2	3	3	0	0.7	0.77	0.07	-0.05	-0.04	0	0	0	0	0	0
11/18/2023 11:32	44901 SCOT_T2	0	0	0	0	0	0	-0.25	-0.22	0	0	0	0	0	0
11/18/2023 11:32	64101 REFR_T1	1	1	0	0.5	1.5	1	0.03	0.07	0	0	0	0	0	0
11/18/2023 11:33	56501 ROCK_T2	26	85	59	0.35	0.25	-0.1	-1.41	-1.43	0	0	0	0	0	0
11/18/2023 11:34	64101 REFR_T1	1	1	0	0.5	1.5	1	0.03	0.07	0	0	0	0	0	0
11/18/2023 11:34	13901 SEID_T1	0	0	0	0	0	0	0.18	0.18	0	0	0	0	0	0
11/18/2023 11:35	59102 WALK_T2	2	0	-2	0.25	0	-0.25	0	0	0	0	0	0	0	0
11/18/2023 11:35	64101 REFR_T1	1	1	0	0.5	1.5	1	0.03	0.07	0	0	0	0	0	0
11/18/2023 11:36	64101 REFR_T1	1	1	0	0.5	1.5	1	0.08	0.21	0	0	0	0	0	0
11/18/2023 11:37	14401 SSLA_T1	1	1	0	0.2	0.6	0.4	0	0	0	0	0	0	0	0
11/18/2023 11:37	45303 WBER_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/18/2023 11:37	64101 REFR_T1	1	1	0	0.5	1.5	1	0.03	0.07	0	0	0	0	0	0
11/18/2023 11:38	16302 ALPA_T2	0	0	0	0	0	0	0.56	0.51	0	0	0	0	0	0
11/18/2023 11:39	59102 WALK_T2	2	0	-2	0.25	0	-0.25	0	0	0	0	0	0	0	0
11/18/2023 11:40	14401 SSLA_T1	1	1	0	0.2	0.6	0.4	0	0	0	0	0	0	0	0
11/18/2023 11:40	16302 ALPA_T2	0	0	0	0	0	0	0.56	0.51	0	0	0	0	0	0
11/18/2023 11:40	59102 WALK_T2	2	0	-2	0.25	0	-0.25	0	0	0	0	0	0	0	0
11/18/2023 11:41	22101 EDEL_T2	1	1	0	0.6	0.4	-0.2	0.49	0.44	1	1	0	1200	1200	0
11/18/2023 11:41	56501 ROCK_T2	26	85	59	0.35	0.25	-0.1	-1.43	-1.45	0	0	0	0	0	0
11/18/2023 11:41	46203 DANV_T2	2	2	0	1.25	1	-0.25	0	0	0	0	0	0	0	0
11/18/2023 11:41	16302 ALPA_T2	0	0	0	0	0	0	0.51	0.59	0	0	0	0	0	0
11/18/2023 11:42	28403 HART_T2	0	0	0	0	0	0	-0.92	-0.91	1	1	0	900	900	0
11/18/2023 11:42	45303 WBER_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/18/2023 11:42	56501 ROCK_T2	26	85	59	0.35	0.25	-0.1	0	0	0	0	0	0	0	0
11/18/2023 11:42	46203 DANV_T2

Appendix C - Grid Benefits Achieved in Each Instance of Active Management

11/18/2023 12:09	45303 WBER_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/18/2023 12:10	15001 BLMO_T1	2	2	0	0.35	0.55	0.2	0	0	0	0	0	0	0	0
11/18/2023 12:10	61303 EARL_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/18/2023 12:11	15001 BLMO_T1	2	2	0	0.35	0.55	0.2	0	0	0	0	0	0	0	0
11/18/2023 12:12	15001 BLMO_T1	2	2	0	0.35	0.55	0.2	0	0	0	0	0	0	0	0
11/18/2023 12:13	53901 HAU_T2	1	71	70	0.2	0.17	-0.03	0	0	0	0	0	0	0	0
11/18/2023 12:13	28403 HART_T2	0	0	0	0	0	0	-0.9	-0.93	1	1	0	900	900	0
11/18/2023 12:13	46203 DANV_T2	2	2	0	0.7	1.05	0.35	0	0	0	0	0	0	0	0
11/18/2023 12:14	46203 DANV_T2	2	2	0	0.7	1.05	0.35	0	0	0	0	0	0	0	0
11/18/2023 12:15	53903 HAU_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/18/2023 12:19	67204 TEHI_T2	2	2	0	0.25	0.25	0	0.06	0.08	0	0	0	0	0	0
11/18/2023 12:21	42701 AUGU_T1	0	0	0	0	0	0	0	0	2	2	0	1800	1800	0
11/18/2023 12:23	53903 HAU_T2	3	3	0	0.6	0.63	0.03	-0.12	-0.13	0	0	0	0	0	0
11/18/2023 12:24	67204 TEHI_T2	2	2	0	0.25	0.25	0	0.06	0.08	0	0	0	0	0	0
11/18/2023 12:25	14403 SSLA_T1	0	0	0	0	0	0	0.6	0.6	0	0	0	0	0	0
11/18/2023 12:28	22103 EDEL_T2	0	1	1	0	0.1	0.1	0	0	0	0	0	0	0	0
11/18/2023 12:29	59301 MCAL_T1	8	45	37	0.7	0.28	-0.42	0	0	0	0	0	0	0	0
11/18/2023 12:31	63401 HONY_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/18/2023 12:33	52004 LING_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/18/2023 12:34	56501 ROCK_T2	14	19	5	0.66	0.53	-0.13	-2.9	-2.97	0	0	0	0	0	0
11/18/2023 12:35	56501 ROCK_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/18/2023 12:36	56501 ROCK_T2	14	19	5	0.66	0.53	-0.13	-2.9	-2.97	0	0	0	0	0	0
11/18/2023 12:37	56501 ROCK_T2	14	19	5	0.66	0.53	-0.13	-1.45	-1.48	0	0	0	0	0	0
11/18/2023 12:41	44801 EDAN_T2	2	3	1	0.2	0.27	0.07	0	0	0	0	0	0	0	0
11/18/2023 12:42	44801 EDAN_T2	2	3	1	0.2	0.27	0.07	0	0	0	0	0	0	0	0
11/18/2023 12:43	44801 EDAN_T2	2	3	1	0.2	0.27	0.07	0	0	0	0	0	0	0	0
11/18/2023 12:49	64101 REFR_T1	1	1	0	1.7	1.9	0.2	0.07	0.03	0	0	0	0	0	0
11/18/2023 12:50	64101 REFR_T1	1	1	0	1.7	1.9	0.2	0.07	0.03	0	0	0	0	0	0
11/18/2023 12:51	41901 REED_T1	3	3	0	0.23	0.27	0.04	0	0	0	0	0	0	0	0
11/18/2023 12:54	64101 REFR_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/18/2023 12:57	43402 BENT_T1	1	1	0	0.2	0.1	-0.1	-0.88	-0.86	1	1	0	900	900	0
11/18/2023 13:03	13904 SEID_T1	0	1	1	0	0	0	0	0	1	1	0	0	0	0
11/18/2023 13:03	15604 NSTR_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/18/2023 13:04	14802 TREI_T2	1	1	0	0.4	0.5	0.1	0.3	0.31	0	0	0	0	0	0
11/18/2023 13:04	45601 WOOL_T1	0	0	0	0	0	0	0	0	1	1	0	1200	1200	0
11/18/2023 13:04	63203 MGTN_T1	1	1	0	0.1	0.1	0	-0.9	-0.92	2	2	0	1200	1200	0
11/18/2023 13:05	45902 AUBU_T1	1	1	0	1.6	1.3	-0.3	-0.39	-0.28	0	0	0	0	0	0
11/18/2023 13:06	44901 SCOT_T2	0	0	0	0	0	0	-0.28	-0.21	0	0	0	0	0	0
11/18/2023 13:06	58402 MORO_T1	0	0	0	0	0	0	-0.6	-0.62	1	1	0	600	600	0
11/18/2023 13:07	14802 TREI_T2	1	1	0	0.4	0.5	0.1	0.3	0.31	0	0	0	0	0	0
11/18/2023 13:08	14802 TREI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/18/2023 13:13	52403 GRPA_T2	6	7	1	0.35	0.32	-0.03	-0.06	-0.07	0	0	0	0	0	0
11/18/2023 13:19	13901 SEID_T1	0	0	0	0	0	0	0.17	0.15	0	0	0	0	0	0
11/18/2023 13:37	45902 AUBU_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/18/2023 13:38	45902 AUBU_T1	1	2	1	1.3	0.85	-0.45	-0.32	-0.41	0	0	0	0	0	0
11/18/2023 13:48	58402 MORO_T1	0	0	0	0	0	0	-0.65	-0.61	1	1	0	600	600	0
11/18/2023 13:53	45902 AUBU_T1	1	2	1	1.6	1	-0.6	-0.41	-0.59	0	0	0	0	0	0
11/18/2023 13:55	45902 AUBU_T1	1	2	1	1.6	1	-0.6	-0.41	-0.59	0	0	0	0	0	0
11/18/2023 13:55	44802 EDAN_T2	0	0	0	0	0	0	-4.6	-4.58	2	2	0	2400	2400	0
11/18/2023 13:56	28604 BLYT_T2	0	1	1	0	0	0	-1.4	-1.38	0	0	0	0	0	0
11/18/2023 13:56	15001 BLMO_T1	2	2	0	0.25	0.3	0.05	0	0	0	0	0	0	0	0
11/18/2023 13:59	59201 THOM_T1	3	3	0	0.27	0.23	-0.04	0	0	0	0	0	0	0	0
11/18/2023 14:07	56802 BENV_T2	1	1	0	0.9	0.8	-0.1	-1.39	-1.38	0	0	0	0	0	0
11/18/2023 14:08	56802 BENV_T2	1	1	0	0.9	0.8	-0.1	-1.39	-1.38	0	0	0	0	0	0
11/18/2023 14:09	45902 AUBU_T1	2	1	-1	0.7	1.9	1.2	-0.59	-0.5	0	0	0	0	0	0
11/18/2023 14:10	56802 BENV_T2	1	1	0	0.9	0.8	-0.1	-4.17	-4.14	0	0	0	0	0	0
11/18/2023 14:10	29402 BELT_T1	1	1	0	6.9	7	0.1	0	0	0	0	0	0	0	0
11/18/2023 14:11	56802 BENV_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/18/2023 14:11	42701 AUGU_T1	0	1	1	0	0.3	0.3	0	0	4	4	0	3600	3600	0
11/18/2023 14:12	56802 BENV_T2	1	1	0	0.9	0.8	-0.1	-1.38	-1.42	0	0	0	0	0	0
11/18/2023 14:13	56802 BENV_T2	1	1	0	0.9	0.8	-0.1	-1.38	-1.42	0	0	0	0	0	0
11/18/2023 14:16	55002 NEWP_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/18/2023 14:17	45003 LIME_2	1	1	0	4.8	4.8	0	0	0	2	2	0	2400	2400	0
11/18/2023 14:19	55002 NEWP_T1	6	7	1	0.7	0.54	-0.16	-0.23	-0.23	0	0	0	0	0	0
11/18/2023 14:19	65001 NEFF_T2	0	5	5	0	0.1	0.1	-1.28	-1.31	1	1	0	1200	1200	0
11/18/2023 14:19	56501 ROCK_T2	32	78	46	0.44	0.27	-0.17	-1.48	-1.47	0	0	0	0	0	0
11/18/2023 14:20	66703 STRA_T1	0	0	0	0	0	0	-0.13	-0.2	0	0	0	0	0	0
11/18/2023 14:20	13701 SCHN_T2	2	2	0	0.25	0.15	-0.1	0	0	0	0	0	0	0	0
11/18/2023 14:20	55002 NEWP_T1	6	7	-1	0.7	0.54	-0.16	-0.23	-0.23	0	0	0	0	0	0
11/18/2023 14:21	13704 SCHN_T2	0	0	-1	0.1	0	-0.1	-0.4	-0.42	0	0	0	0	0	0
11/18/2023 14:21	55002 NEWP_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/18/2023 14:21	15604 NSTR_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/18/2023 14:22	56802 BENV_T2	1	1	0	0.8	0.8	0	-1.38	-1.42	0	0	0	0	0	0
11/18/2023 14:23	59101 WALK_T2	1	1	0	0	0	0	1.36	1.31	0	0	0	0	0	0
11/18/2023 14:24	56802 BENV_T2	1	1	0	0.8	0.8	0	-1.38	-1.42	0	0	0	0	0	0
11/18/2023 14:25	48901 FOSP_T2	0	0	0	0	0	0	-0.45	-0.46	1	1	0	600	600	0
11/18/2023 14:25	45902 AUBU_T1	1	1	0	1.9	1.5	-0.4	-0.5	-0.48	0	0	0	0	0	0
11/18/2023 14:26	15001 BLMO_T1	1	1	0	0.1	0.1	0	0	0	0	0	0	0	0	0
11/18/2023 14:26	29402 BELT_T1	1	1	0	6.8	7	0.2	0	0	0	0	0	0	0	0
11/18/2023 14:26	41801 GOCI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/18/2023 14:28	48901 FOSP_T2	0	0	0	0	0	0	-0.46	-0.48	1	1	0	600	600	0
11/18/2023 14:28	45003 LIME_2	1	1	0	4.8	4.8	0	0	0	1	1	0	1200	1200	0
11/18/2023 14:29	48901 FOSP_T2	0	0	0	0	0	0	-0.46	-0.48	1	1	0	600	600	0
11/18/2023 14:29	46203 DANV_T2	2	2	0	0.5	0.5	0	0	0	0	0	0	0	0	0
11/18/2023 14:30	48902 FOSP_T2	0	0	0	0	0	0	-0.27	-0.29	0	0	0	0	0	0
11/18/2023 14:30	48901 FOSP_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/18/2023 14:31	55002 NEWP_T1	7	4	-3	0.54	0.4	-0.14	-0.23	-0.22	0	0	0	0	0	0
11/18/2023 14:31	48901 FOSP_T2	0	0	0	0	0	0	-0.46	-0.48	1	1	0	600	600	0
11/18/2023 14:32	55002 NEWP_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/18/2023 14:37	56802 BENV_T2	1	1	0	0.8	0.8	0	-1.42	-1.44	0	0	0	0	0	0
11/18/2023 14:39	56802 BENV_T2	1	1	0	0.8	0.8	0	-1.42	-1.44	0	0	0	0	0	0
11/18/2023 14:39	45901 AUBU_T1	0	0	0	0	0	0	0.99	0.98	0	0	0	0	0	0
11/18/2023 14:39	44301 BEAV_T2	0	0	0	0	0	0	-1.01	-1	1	1	0	600	600	0
11/18/2023 14:40	45902 AUBU_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/18/2023 14:41	48902 FOSP_T2	0	0	0	0	0	0	-0.29	-0.28	0	0	0	0	0	0
11/18/2023 14:41	66701 STRA_T1	1	0	-1	0.1	0	-0.1	0	0	0	0	0	0	0	0
11/18/2023 14:41	48901 FOSP_T2	0	0	0	0	0	0	-0.48	-0.44	1	1	0	600	600	0
11/18/2023 14:41	45902 AUBU_T1	1	1	0	1.5	1.2	-0.3	-0.5	-0.49	0	0	0	0	0	0
11/18/2023 14:42	40702 FLD_T1	181	203	22	0.41	0.52	0.11	-1.21	-1.3	1	1	0	1200	1200	0
11/18/2023 14:42	48901 FOSP_T2	0	0	0	0	0	0	-0.48	-0.44	1	1	0	600	600	0
11/18/2023 14:43	45003 LIME_2	27	31	4	0.29	0.36	0.07	0	0	0	0	0	0	0	0
11/18/2023 14:43	41801 GOCI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/18/2023 14:44	59302 MCAL_T1	1	1	0	0.8	0.6	-0.2	0	0	0	0	0	0	0	0
11/18/2023 14:44	48901 FOSP_T2	0	0	0	0	0	0	-0.48	-0.44	1	1	0	600	600	0
11/18/2023 14:45	46203 DANV_T2	2	2	0	0.5	0.25	-0.25	0	0	0	0	0	0	0	0
11/18/2023 14:46	59301 MCAL_T1	34	28	-6	0.25	0.25	0	0	0	0	0	0	0	0	0
11/18/2023 14:47	55002 NEWP_T1	4	3	-1	0.38	0.33	-0.05	-0.22	-0.22	0	0	0	0	0	0
11/18/2023 14:47	41901 REED_T1	3	3	0	0.17	0.27	0.1	0	0	0	0	0	0	0	0
11/18/2023 14:48	55002 NEWP_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/18/2023 14:49	63203 MGTN_T1	0	0	0	0	0	0	-0.23	-0.24	1	1	0	600	600	0
11/18/2023 14:50	43304 WATS_T2	0	0	0	0	0	0	-0.44	-0.45	0	0	0	0	0	0
11/18/2023 14:50	52502 PROG_T2	0	0	0	0	0	0	-0.77	-0.79	1	1	0	900	900	0
11/18/2023 14:50	65902 SAKR_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/18/2023 14:51	13704 SCHN_T2	0	0	0	0	0	0	-0.41	-0.41	0	0	0	0	0	0
11/18/2023 14:51	41901 REED_T1	3	3	0	0.17	0.27	0.1	0	0	0	0	0	0	0	0
11/18/2023 14:52	45303 WBER_T2	9	9	0	0.17	0.4	0.23	0	0	0	0	0	0	0	0
11/18/2023 14:52	13701 SCHN_T2	1	0	-1	0.1	0	-0.1	0	0	0	0	0	0	0	0
11/18/2023 14:52	15001 BLMO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/18/2023 14:55	46004 BERW_T2	1	3	2	0.3	0.17	-0.13	-0.83	-0.82	0	0	0	0	0	0
11/18/2023 14:56	20403 ASHF_T2	1	0	-1	0.1	0	-0.1	0.11	0.1	0	0	0	0	0	0
11/18/2023 14:58	42701 AUGU_T1	0	0	0	0	0	0	0	0	2	2	0	1800	1800	0
11/18/2023 15:05	59101 WALK_T2	1	0	-1	0	0	0	1.34	1.4	0	0	0	0	0	0
11/18/2023 15:05	42601 TUSC_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/18/2023 15:18	13302 ORVI_T2	0	0	0	0	0	0	-0.35	-0.29	0	0	0	0	0	0
11/18/2023 15:21	59101 WALK_T2	1	1	0	0	0	0	1.4	1.4	0	0	0	0	0	0
11/18/2023 15:32	64101 REFR_T1	1	1	0	0.5	0.2	-0.3	-0.01	-0.01	0	0	0	0	0	0
11/18/2023 15:37	64101 REFR_T1	1	1	0	0.5	0.2	-0.3	-0.01	-0.01	0	0	0	0	0	0
11/18/2023 15:54	59101 WALK_T2	1	1	0	0	0	0	2.68	2.84	0	0	0	0	0	0
11/18/2023 15:59	48901 FOSP_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/18/2023 16:09	43304 WATS_T2	0	1	1	0	0	0	-0.42	-0.4	0	0	0	0	0	0
11/18/2023 16:18	65901 SAKR_T2	1	1	0	7.7	8	0.3	-1.29	-1.38	1	1	0	900	900	0
11/18/2023 16:21	42201 SHEN_T2	0	0	0	0	0	0	0.6	0.64	0	0	0	0	0	0
11/18/2023 16:42	13704 SCHN_T2	0	0	0	0	0	0	-0.39	-0.39	0	0	0	0	0	0
11/18/2023 16:57	52403 GRPA_T2	1	1	0	0.2	0	-0.2	-0.61	-0.58	0	0	0	0	0	0
11/18/2023 17:00	45302 WBER_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/18/2023 17:02	48302 ORWI_T2	1	2	1	0.1	0.35	0.25	0.01	0	0	0	0	0	0	0
11/18/2023 17:03	45302 WBER_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/18/2023 17:07	54701 NEBL_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/18/2023 17:19	29402 BELT_T1	1	1	0	6.9	6.8	-0.1	0	0	0	0	0	0	0	0
11/18/2023 17:22	29401 BELT_T1	0	0	0	0	0	0	0	0	1	1	0	900	900	0
11/18/2023 18:40	26401 INOR_T1	0	0	0	0	0	0	0.44	0.31	0	0	0	0	0	0
11/18/2023 18:42	48901 FOSP_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/18/2023 18:43	29402 BELT_T1	1	1	0	7.1	7.4	0.3	0	0	0	0	0	0	0	0
11/18/2023 18:44	15604 NSTR_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/18/2023 18:44	14802 TREI_T2	1	2	1	0.9	0.7	-0.2	0.39	0.39	0	0	0	0	0	0
11/18/2023 18:44	13901 SEID_T1	0	0	0	0	0	0	0.18	0.18	0	0	0	0	0	0
11/18/2023 18:45	26401 INOR_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/18/2023 18:45	45901 AUBU_T1	0	0	0	0	0	0	0.98	0.99	0	0	0	0	0	0
11/18/2023 18:46	16302 ALPA_T2	0	0	0	0	0	0	0.51	0.55	0	0	0	0	0	0
11/18/2023 18:46	22101 EDEL_T2	0	0	0	0	0	0	0.48	0.47	1	1	0	1200	1200	0
11/18/2023 18:46	15001 BLMO_T1	9	11	2	0.31	0.29	-0.02	0	0	0	0	0	0	0	0
11/18/2023 18:46	20403 ASHF_T2	0	0	0	0	0	0	0.31	0.32	0	0	0	0	0	0
11/18/2023 18:47	48901 FOSP_T2	0	0	0	0	0	0	-0.45	-0.44	1	1	0	600	600	0
11/18/2023 18:47	59202 THOM_T1	7	12	5	0.11	0.14	0.03	0	0	0	0	0	0	0	0
11/18/2023 18:47	67502 WEWI_T2	0	0	0	0	0	0	-1.48	-1.44	1	1	0	900	900	0
11/18/2023 18:47	17802 GILB_T1	0	0	0	0	0	0	-0.01	-0.01	0	0	0	0	0	0
11/18/2023 18:47	44901 SCOT_T2	0	0	0	0	0	0	-0.57	-0.62	0	0	0	0	0	0
11/18/2023 18:48	13302 ORVI_T2	0	0	0	0	0	0	-0.24	-0.23	0	0	0	0	0	0
11/18/2023 18:48	15001 BLMO_T1	9	11	2	0.31	0.29	-0.02	0	0	0	0	0	0	0	0
11/18/2023 18:48	44901 SCOT_T2	0	0	0	0	0	0	-0.57	-0.62	0	0	0	0	0	0
11/18/2023 18:48	45303 WBER_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/18/2023 18:48	45302 WBER_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/18/2023 18:48	16302 ALPA_T2	0	0	0	0	0	0	0.51	0.55	0	0	0	0	0	0
11/18/2023 18:49	45602 WOOL_T1	0	1	1	0	0	0	0	0	0	0	0	0	0	0
11/18/2023 18:49	29402 BELT_T1	1	1	0	7.4	6.9	-0.5	0	0	0	0	0	0	0	0
11/18/2023 18:49	48901 FOSP_T2	0	0	0	0	0	0	-0.45	-0.44	1	1	0	600	600	0
11/18/2023 18:49	45902 AUBU_T1	0	0	0	0	0	0	-0.45	-0.42	0	0	0	0	0	0
11/18/2023 18:49	67503 WEWI_T2	0	0	0	0	0	0	-0.21	-0.16	0	0	0	0	0	0
11/18/2023 18:49	15001 BLMO_T1	9	11	2	0.31	0.29	-0.02	0	0	0	0	0	0	0	0
11/18/2023 18:49	43304 WATS_T2	1	0	-1	0.3	0	-0.3	-0.83	-0.79	0	0	0	0	0	0
11/18/2023 18:49	52004 LING_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/18/2023 18:50	16302 ALPA_T2	0	0	0	0	0	0	0.51	0.55	0	0	0	0	0	0
11/18/2023 18:50	59302 MCAL_T1	1	2	1	0.8	0.7	-0.1	0	0	0	0	0	0	0	0
11/18/2023 18:50	19401 WALK_T2	1	1	0	0	0	0	1.13	1.05	1	1	0	450	450	0
11/18/2023 18:50	45501 DERR_T2	1	1	0	0.3	0	-0.3	-0.57	-0.58	2	2	0	1800	1800	0
11/18/2023 18:51	44301 BEAV_T2	2	1	-1	0.45	0	-0.45	-1.02	-1.06	1	1	0	600	600	0
11/18/2023 18:51	45902 AUBU_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/18/2023 18:51	52502 PROG_T2	0	0	0	0	0	0	-0.63	-0.68	1	1	0	900	900	0
11/18/2023 18:51	63203 MGTN_T1	0	0	0	0	0	0	-0.3	-0.3	1	1	0	600	600	0
11/18/2023 18:51	44601 SALE_T2	0	0	0	0	0	0	-0.2	-0.2	0	0

11/18/2023 18:54	40101 HUNT_T2	1	2	1	0.5	1.9	1.4	-0.62	-0.6	0	0	0	0	0	0
11/18/2023 18:55	40902 JESH_T1	0	0	0	0	0	0	-0.9	-0.93	0	0	0	0	0	0
11/18/2023 18:55	57403 SPAN_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/18/2023 18:55	56802 BENV_T2	1	1	0	0.4	0.3	-0.1	-1.45	-1.41	0	0	0	0	0	0
11/18/2023 18:55	45501 DERR_T2	1	1	0	0.3	0	-0.3	-0.57	-0.58	2	2	0	1800	1800	0
11/18/2023 18:55	58003 WCAR_T1	1	1	0	0.6	0.9	0.3	-0.15	-0.18	1	1	0	600	600	0
11/18/2023 18:55	59101 WALK_T2	1	1	0	0	0	0	1.13	1.05	1	1	0	450	450	0
11/18/2023 18:55	56501 ROCK_T2	1	2	1	1.7	0.5	-1.2	-1.37	-1.39	0	0	0	0	0	0
11/18/2023 18:56	43201 MVIL_T2	0	0	0	0	0	0	-1.31	-1.3	0	0	0	0	0	0
11/18/2023 18:56	46203 DANV_T2	0	0	0	0	0	0	-5.16	-5.24	0	0	0	0	0	0
11/18/2023 18:56	64101 REFR_T1	0	0	0	0	0	0	-0.18	-0.11	0	0	0	0	0	0
11/18/2023 18:56	42601 TUSC_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/18/2023 18:56	43301 WATS_T2	0	0	0	0	0	0	-0.62	-0.6	1	1	0	900	900	0
11/18/2023 18:56	45602 WOOL_T1	0	1	1	0	0	0	0	0	0	0	0	0	0	0
11/18/2023 18:56	41801 GOCI_T2	113	154	41	0.38	0.44	0.06	0	0	1	1	0	900	900	0
11/18/2023 18:56	14802 TREI_T2	2	1	-1	0.75	1	0.25	0.39	0.38	0	0	0	0	0	0
11/18/2023 18:56	45003 LIME_2	1	1	0	3.7	3.7	0	0	0	1	1	0	1200	1200	0
11/18/2023 18:56	45601 WOOL_T1	0	0	0	0	0	0	0	0	1	1	0	1200	1200	0
11/18/2023 18:56	43304 WATS_T2	1	0	-1	0.3	0	-0.3	-0.79	-0.83	0	0	0	0	0	0
11/18/2023 18:57	46203 DANV_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/18/2023 18:57	43304 WATS_T2	1	0	-1	0.3	0	-0.3	-2.36	-2.48	0	0	0	0	0	0
11/18/2023 18:57	42903 MIDD_T2	2	2	0	1.65	1.05	-0.6	-1.37	-1.35	1	1	0	1200	1200	0
11/18/2023 18:57	46801 HEPB_T2	0	0	0	0	0	0	1.12	1.16	0	0	0	0	0	0
11/18/2023 18:57	45303 WBER_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/18/2023 18:57	48901 FOSP_T2	0	0	0	0	0	0	-0.44	-0.46	1	1	0	600	600	0
11/18/2023 18:57	67502 WEWI_T2	0	0	0	0	0	0	-1.44	-1.48	1	1	0	900	900	0
11/18/2023 18:57	58402 MORO_T1	1	0	-1	0.2	0	-0.2	-1.37	-1.43	2	2	0	1500	1500	0
11/18/2023 18:57	64101 REFR_T1	0	0	0	0	0	0	-0.18	-0.11	0	0	0	0	0	0
11/18/2023 18:57	54701 NEBL_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/18/2023 18:57	41801 GOCI_T2	113	154	41	0.38	0.44	0.06	0	0	1	1	0	900	900	0
11/18/2023 18:58	58003 WCAR_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/18/2023 18:58	43001 ALWD_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/18/2023 18:58	42701 AUGU_T1	0	1	1	0	0.1	0.1	0	0	2	2	0	1800	1800	0
11/18/2023 18:58	59101 WALK_T2	1	1	0	0	0	0	2.09	2.38	2	2	0	900	900	0
11/18/2023 18:58	45902 AUBU_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/18/2023 18:58	67503 WEWI_T2	0	0	0	0	0	0	-0.33	-0.4	0	0	0	0	0	0
11/18/2023 18:58	56501 ROCK_T2	1	2	1	1.7	0.5	-1.2	0	0	0	0	0	0	0	0
11/18/2023 18:58	42201 SHEN_T2	0	0	0	0	0	0	0.02	0	1	1	0	600	600	0
11/18/2023 18:58	15103 UPHA_T2	0	0	0	0	0	0	0.36	0.36	0	0	0	0	0	0
11/18/2023 18:58	45702 LIND_T2	0	0	0	0	0	0	-0.48	-0.49	0	0	0	0	0	0
11/18/2023 18:58	13704 SCHN_T2	0	0	0	0	0	0	-0.37	-0.39	0	0	0	0	0	0
11/18/2023 18:58	65001 NEFF_T2	0	0	0	0	0	0	-1.35	-1.39	1	1	0	1200	1200	0
11/18/2023 18:58	64101 REFR_T1	0	0	0	0	0	0	-0.18	-0.11	0	0	0	0	0	0
11/18/2023 18:58	45003 LIME_2	1	1	0	3.7	3.7	0	0	0	1	1	0	1200	1200	0
11/18/2023 18:59	56802 BENV_T2	1	1	0	0.4	0.3	-0.1	-1.41	-1.44	0	0	0	0	0	0
11/18/2023 18:59	41902 REED_T1	5	5	0	0.5	0.53	0.03	0.77	0.81	0	0	0	0	0	0
11/18/2023 18:59	55002 NEWP_T1	4	4	0	0.58	0.98	0.4	-0.22	-0.23	0	0	0	0	0	0
11/18/2023 18:59	43001 ALWD_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/18/2023 18:59	56501 ROCK_T2	1	2	1	1.7	0.5	-1.2	-1.39	-1.35	0	0	0	0	0	0
11/18/2023 18:59	43304 WATS_T2	1	0	-1	0.3	0	-0.3	0	0	0	0	0	0	0	0
11/18/2023 18:59	61801 EELI_T2	0	0	0	0	0	0	-1	-1.04	1	1	0	600	600	0
11/18/2023 18:59	41801 GOCI_T2	113	154	41	0.38	0.44	0.06	0	0	1	1	0	900	900	0
11/18/2023 19:00	40101 HUNT_T2	2	1	-1	1.35	2.2	0.85	-0.6	-0.59	0	0	0	0	0	0
11/18/2023 19:00	43304 WATS_T2	0	0	0	0	0	0	-0.79	-0.83	0	0	0	0	0	0
11/18/2023 19:00	56501 ROCK_T2	1	2	1	1.3	0.45	-0.85	-1.39	-1.35	0	0	0	0	0	0
11/18/2023 19:00	13704 SCHN_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/18/2023 19:00	57403 SPAN_T1	0	0	0	0	0	0	0.03	0.03	0	0	0	0	0	0
11/18/2023 19:01	52402 GRPA_T2	1	3	2	2.7	2.7	0	0	0	0	0	0	0	0	0
11/18/2023 19:01	43304 WATS_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/18/2023 19:01	15001 BLMO_T1	11	6	-5	0.29	0.3	0.01	0	0	0	0	0	0	0	0
11/18/2023 19:01	40101 HUNT_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/18/2023 19:01	14403 SSLA_T1	0	0	0	0	0	0	0.57	0.57	0	0	0	0	0	0
11/18/2023 19:01	45302 WBER_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/18/2023 19:01	45003 LIME_2	1	1	0	3.2	3.7	0.5	0	0	1	1	0	1200	1200	0
11/18/2023 19:01	54701 NEBL_T1	0	0	0	0	0	0	0	0	1	1	0	600	600	0
11/18/2023 19:02	20403 ASHF_T2	0	0	0	0	0	0	0.32	0.31	0	0	0	0	0	0
11/18/2023 19:02	66703 STRA_T1	0	0	0	0	0	0	-0.28	-0.25	0	0	0	0	0	0
11/18/2023 19:02	65902 SAKR_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/18/2023 19:02	55002 NEWP_T1	4	4	0	0.83	1.13	0.3	-0.22	-0.23	0	0	0	0	0	0
11/18/2023 19:02	64101 REFR_T1	0	0	0	0	0	0	-0.37	-0.22	0	0	0	0	0	0
11/18/2023 19:02	43304 WATS_T2	0	0	0	0	0	0	-1.57	-1.65	0	0	0	0	0	0
11/18/2023 19:03	40602 PIGR_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/18/2023 19:03	46203 DANV_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/18/2023 19:03	58402 MORO_T1	0	0	0	0	0	0	-1.37	-1.43	2	2	0	1500	1500	0
11/18/2023 19:03	45402 WBLO_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/18/2023 19:04	44801 EDAN_T2	0	1	1	0	0.3	0.3	0	0	0	0	0	0	0	0
11/18/2023 19:04	53903 HALI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/18/2023 19:04	52403 GRPA_T2	7	10	3	0.66	0.35	-0.31	0	0.01	0	0	0	0	0	0
11/18/2023 19:04	56802 BENV_T2	1	1	0	0.2	0.6	0.4	-2.82	-2.88	0	0	0	0	0	0
11/18/2023 19:04	41902 REED_T1	5	3	-2	0.68	0.55	-0.13	0.77	0.81	0	0	0	0	0	0
11/18/2023 19:05	64101 REFR_T1	0	0	0	0	0	0	-0.18	-0.11	0	0	0	0	0	0
11/18/2023 19:05	40101 HUNT_T2	2	1	-1	1.35	2.2	0.85	-0.6	-0.59	0	0	0	0	0	0
11/18/2023 19:06	59101 WALK_T2	1	1	0	0	0	0	1.05	1.19	1	1	0	450	450	0
11/18/2023 19:06	43304 WATS_T2	0	0	0	0	0	0	-0.79	-0.83	0	0	0	0	0	0
11/18/2023 19:10	65901 SAKR_T2	1	1	0	8.6	8.8	0.2	-1.46	-1.48	1	1	0	900	900	0
11/18/2023 19:13	53903 HALI_T2	0	0	0	0	0	0	-0.14	-0.13	0	0	0	0	0	0
11/18/2023 20:31	41902 REED_T1	2	2	0	0.8	0.5	-0.3	0.8	0.77	0	0	0	0	0	0
11/18/2023 20:38	65001 NEFF_T2	0	0	0	1	0	0	-1.4	-1.36	1	1	0	1200	1200	0
11/19/2023 0:28	59101 WALK_T2	1	1	0	0	0	0	0.67	0.69	0	0	0	0	0	0
11/19/2023 0:28	43304 WATS_T2	0	0	0	0	0	0	-0.48	-0.53	0	0	0	0	0	0
11/19/2023 0:28	52502 PROG_T2	0	0	0	0	0	0	0.26	0.29	0	0	0	0	0	0
11/19/2023 0:28	56802 BENV_T2	0	0	0	0	0	0	-3.08	-3.04	0	0	0	0	0	0
11/19/2023 0:28	64101 REFR_T1	0	0	0	0	0	0	0.03	-0.01	0	0	0	0	0	0
11/19/2023 0:28	67502 WEWI_T2	0	0	0	0	0	0	-1.51	-1.53	1	1	0	900	900	0
11/19/2023 3:50	65001 NEFF_T2	8	5	-3	0.15	0.14	-0.01	-1.48	-1.49	1	1	0	1200	1200	0
11/19/2023 6:24	65001 NEFF_T2	0	0	0	0	0	0	-1.34	-1.38	1	1	0	1200	1200	0
11/19/2023 7:55	43401 BENT_T1	1	1	0	0.5	0	-0.5	0	0	0	0	0	0	0	0
11/19/2023 7:56	43401 BENT_T1	1	1	0	0.5	0	-0.5	0	0	0	0	0	0	0	0
11/19/2023 7:56	29402 BELT_T1	1	1	0	6.6	7.3	0.7	0	0	0	0	0	0	0	0
11/19/2023 8:27	49803 UNIV_T1	0	0	0	0	0	0	-1.08	-1.09	0	0	0	0	0	0
11/19/2023 8:32	40101 HUNT_T2	2	2	0	0.6	0.2	-0.4	-0.64	-0.6	0	0	0	0	0	0
11/19/2023 8:35	40101 HUNT_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/19/2023 8:41	55002 NEWP_T1	2	7	5	0.2	0.53	0.33	-0.2	-0.18	0	0	0	0	0	0
11/19/2023 8:48	58402 MORO_T1	0	0	0	0	0	0	-2.41	-2.42	3	3	0	2400	2400	0
11/19/2023 8:52	58402 MORO_T1	0	0	0	0	0	0	-2.41	-2.42	3	3	0	2400	2400	0
11/19/2023 9:00	53901 HALI_T2	0	1	1	0	0.1	0.1	0	0	0	0	0	0	0	0
11/19/2023 9:00	52402 GRPA_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/19/2023 9:00	52503 PROG_T2	0	0	0	0	0	0	-0.67	-0.7	1	1	0	900	900	0
11/19/2023 9:01	40101 HUNT_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/19/2023 9:04	12801 MICK_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/19/2023 9:06	45302 WBER_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/19/2023 9:06	67502 WEWI_T2	0	1	1	0	0.8	0.8	0	0	0	0	0	0	0	0
11/19/2023 9:06	12801 MICK_T1	0	0	0	0	0	0	-0.24	-0.29	1	1	0	600	600	0
11/19/2023 9:07	58402 MORO_T1	0	0	0	0	0	0	-2.42	-2.37	3	3	0	2400	2400	0
11/19/2023 9:09	45302 WBER_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/19/2023 9:10	43402 BENT_T1	0	0	0	0	0	0	-1.52	-1.53	2	2	0	1500	1500	0
11/19/2023 9:13	43402 BENT_T1	0	0	0	0	0	0	-1.53	-1.54	2	2	0	1500	1500	0
11/19/2023 9:14	43402 BENT_T1	0	0	0	0	0	0	-1.53	-1.54	2	2	0	1500	1500	0
11/19/2023 9:18	47001 HUGH_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/19/2023 9:19	47001 HUGH_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/19/2023 9:23	48302 ORWI_T2	2	2	0	0.45	0.6	0.15	0.07	0.04	0	0	0	0	0	0
11/19/2023 9:24	14403 SSLA_T1	0	0	0	0	0	0	0.69	0.71	0	0	0	0	0	0
11/19/2023 9:25	29402 BELT_T1	1	1	0	7.1	7	-0.1	0	0	0	0	0	0	0	0
11/19/2023 9:25	45901 AUBU_T1	0	0	0	0	0	0	1.01	1	0	0	0	0	0	0
11/19/2023 9:25	14403 SSLA_T1	0	0	0	0	0	0	0.69	0.71	0	0	0	0	0	0
11/19/2023 9:25	45902 AUBU_T1	8	13	5	0.28	0.38	0.1	-1.05	-1.08	1	0	-1	600	0	-600
11/19/2023 9:26	60201 ATGL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/19/2023 9:27	45902 AUBU_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/19/2023 9:28	44301 BEAV_T2	1	1	0	0.1	0.3	0.2	-1.02	-1	1	1	0	600	600	0
11/19/2023 9:30	41801 GOCI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/19/2023 9:33	41801 GOCI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/19/2023 9:34	47401 PENS_T1	0	6	6	0	0.37	0.37	0.69	0.7	0	0	0	0	0	0
11/19/2023 9:34	46801 HEPB_T2	0	0	0	0	0	0	0.6	0.59	0	0	0	0	0	0
11/19/2023 9:35	41901 REED_T1	0	1	1	0	0.2	0.2	0	0	0	0	0	0	0	0
11/19/2023 9:36	41902 REED_T1	8	2	-6	0.53	0.75	0.22	0.92	0.87	0	0	0	0	0	0
11/19/2023 9:36	56504 ROCK_T2	0	0	0	0	0	0	-0.13	-0.24	0	0	0	0	0	0
11/19/2023 9:36	58402 MORO_T1	0	0	0	0	0	0	-2.4	-1.41	3	2	-1	2400	1500	-900
11/19/2023 9:36	56501 ROCK_T2	141	183	42	0.24	0.27	0.03	-2.03	-2.07	0	0	0	0	0	0
11/19/2023 9:36	47403 PENS_T1	3	7	4	0.9	0.54	-0.36	0	0	0	0	0	0	0	0
11/19/2023 9:38	47403 PENS_T1	3	7	4	0.9	0.54	-0.36	0	0	0	0	0	0	0	0
11/19/2023 9:38	43304 WATS_T2	1	0	-1	0.2	0	-0.2	-0.81	-0.78	0	0	0	0	0	0
11/19/2023 9:39	43304 WATS_T2	1	0	-1	0.2	0	-0.2	-0.81	-0.78	0	0	0	0	0	0
11/19/2023 9:39	41901 REED_T1	0	1	1	0	0.2	0.2	0	0	0	0	0	0	0	0
11/19/2023 9:39	56501 ROCK_T2	141	183	42	0.24	0.27	0.03	-2.03	-2.07	0	0	0	0	0	0
11/19/2023 9:40	56501 ROCK_T2	141	183	42	0.24	0.27	0.03	-6.1	-6.21	0	0	0	0	0	0
11/19/2023 9:40	59101 WALK_T2	1	1	0	0	0	0	3.04	3.11	0	0	0	0	0	0
11/19/2023 9:40	43304 WATS_T2	1	0	-1	0.2	0	-0.2	0	0	0	0	0	0	0	0
11/19/2023 9:41	56802 BENV_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/19/2023 9:41	67503 WEWI_T2	0	1	1	0	0.2	0.2	-0.26	-0.37	0	0	0	0	0	0
11/19/2023 9:42	59102 WALK_T2	0	1	1	0	0.3	0.3	0	0	0	0	0	0	0	0
11/19/2023 9:42	43304 WATS_T2	1	0	-1	0.2	0	-0.2	-0.78	-0.79	0	0	0	0	0	0
11/19/2023 9:43	45902 AUBU_T1	13	1	-12	0.38	2.1	1.72	-0.45	-0.45	0	0	0	0	0	0
11/19/2023 9:43	56802 BENV_T2	0	0	0	0	0	0	-1.5	-1.5	0	0	0	0	0	0
11/19/2023 9:43	40201 BEGA_T2	2	1	-1	0.1	0	-0.1	0	0	0	0	0	0	0	0
11/19/2023 9:44	45902 AUBU_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/19/2023 9:44	22901 HARW_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/19/2023 9:45	46203 DANV_T2	0	2	2	0	0.15	0.15	0	0	0	0	0	0	0	0
11/19/2023 9:45	40201 BEGA_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/19/2023 9:46	46203 DANV_T2	0	2	2	0	0.15	0.15	-2.56	-2.57	0	0	0	0	0	0
11/19/2023 9:49	45902 AUBU_T1	1	1	0	2.1	1.9	-0.2	-0.45	-0.45	0	0	0	0	0	0
11/19/2023 9:49	66504 SMAN_T2	1	3	2	0.5	0.27	-0.23	-1.74	-0.53	1	1	0	1200	1200	0
11/19/2023 9:50	64101 REFR_T1	0	0	0	0	0	0	-0.14	-0.13	0	0	0	0	0	0
11/19/2023 9:51	64101 REFR_T1	0	0	0	0	0	0	-0.14	-0.13	0	0	0	0	0	0
11/19/2023 9:52	43304 WATS_T2	0	0	0	0	0	0	-0.78	-0.79	0	0	0	0	0	0
11/19/2023 9:53	64101 REFR_T1	0	0	0	0	0	0	-0.29	-0.26	0	0	0	0	0	0
11/19/2023 9:54	64101 REFR_T1	0	0	0	0	0	0	-0.14	-0.13	0	0	0	0	0	0
11/19/2023 9:55	13901 SEID_T1	0	0	0	0	0	0	0.22	0.21	0	0	0	0	0	0
11/19/2023 9:55	44901 SCOT_T2	0	0	0	0	0	0	-0.52	-0.44	0	0	0	0	0	0
11/19/2023 9:55	64101 REFR_T1	0	0	0	0	0	0	-0.29	-0.26	0	0	0	0	0	0
11/19/2023 9:56	44901 SCOT_T2	0	0	0	0	0	0	-0.44	-0.45	0	0	0	0	0	0
11/19/2023 9:56	42201 SHEN_T2	0	0	0	0	0	0	-0.01	-0.01	1	1	0	600	600	0
11/19/2023 9:56	43001 ALWD_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/19/2023 9:58	43001 ALWD_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/19/2023 10:00	46801 HEPB_T2	0	0	0	0	0	0	0.56	0.6	0	0	0	0	0	0
11/19/2023 10:02	40902 JESH_T1	0	0	0	0	0	0	-0.94	-0.94	0	0	0	0	0	0
11/19/2023 10:03	10801 CHHI_T1	2	3	1	0.15	0.2	0.05	-1.57	-1.57	2	2	0	1500	1500	0
11/19/2023 10:04	43201 MVIL_T2	0	0	0	0	0	0	-1.29	-1.3	0	0	0	0	0	0
11/19/2023 10:04	60501 NMAN_T2	4	4	0	3.5	4	0.5	0	0	0	0	0	0	0	0
11/19/2023 10:04	52403 GRPA_T2	11	14	3	0.53	0.51	-0.02	-0.08	-0.07	0	0	0	0	0	0
11/19/2023 10:04	26401 INOR_T1	0	1	1	0	0.2	0.2	0.29	0.27	0	0	0	0	0	0

11/19/2023 10:34	52502 PROG_T2	0	0	0	0	0	0	-0.63	-0.62	1	1	0	900	900	0
11/19/2023 10:34	45002 LIME_2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/19/2023 10:34	55002 NEWP_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/19/2023 10:34	52402 GRPA_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/19/2023 10:37	55002 NEWP_T1	6	6	0	0.83	0.95	0.12	-0.18	-0.17	0	0	0	0	0	0
11/19/2023 10:38	54001 SDLE_T1	4	4	0	0.48	0.73	0.25	0	0	2	2	0	1200	1200	0
11/19/2023 10:38	44901 SCOT_T2	0	0	0	0	0	0	-0.42	-0.4	0	0	0	0	0	0
11/19/2023 10:39	20403 ASHF_T2	1	5	4	0.2	0.3	0.1	0.19	0.18	0	0	0	0	0	0
11/19/2023 10:39	59201 THOM_T1	1	2	1	0.9	0.6	-0.3	0	0	0	0	0	0	0	0
11/19/2023 10:40	54001 SDLE_T1	4	4	0	0.48	0.73	0.25	0	0	1	1	0	600	600	0
11/19/2023 10:40	67502 WEWI_T2	5	12	7	0.46	0.41	-0.05	0	0	0	0	0	0	0	0
11/19/2023 10:41	15001 BLMO_T1	2	2	0	0.35	0.45	0.1	0	0	0	0	0	0	0	0
11/19/2023 10:42	45902 AUBU_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/19/2023 10:42	20403 ASHF_T2	1	5	4	0.2	0.3	0.1	0.18	0.17	0	0	0	0	0	0
11/19/2023 10:43	45402 WBLO_T2	0	2	2	0	0.3	0.3	0	0	0	0	0	0	0	0
11/19/2023 10:43	15001 BLMO_T1	2	2	0	0.35	0.45	0.1	0	0	0	0	0	0	0	0
11/19/2023 10:48	64503 LAVI_T1	0	0	0	0	0	0	-1.76	-1.74	2	2	0	2400	2400	0
11/19/2023 10:49	64503 LAVI_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/19/2023 10:50	59302 MCAL_T1	1	3	2	0.8	0.53	-0.27	-0.46	-0.43	1	1	0	600	600	0
11/19/2023 10:50	52502 PROG_T2	0	0	0	0	0	0	-0.62	-0.68	1	1	0	900	900	0
11/19/2023 10:52	52501 PROG_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/19/2023 10:52	52502 PROG_T2	0	0	0	0	0	0	-0.62	-0.68	1	1	0	900	900	0
11/19/2023 10:52	54701 NEBL_T1	0	0	0	0	0	0	0	0	1	1	0	600	600	0
11/19/2023 10:54	64101 REFR_T1	0	2	2	0	0.3	0.3	-0.13	-0.11	0	0	0	0	0	0
11/19/2023 10:55	54701 NEBL_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/19/2023 10:56	59101 WALK_T2	2	2	0	0.2	0.4	0.2	1.43	1.19	0	0	0	0	0	0
11/19/2023 10:59	46004 BERW_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/19/2023 10:59	48901 FOSP_T2	0	0	0	0	0	0	-0.45	-0.43	1	1	0	600	600	0
11/19/2023 11:01	45003 LIME_2	1	1	0	3.7	3.7	0	0	0	1	1	0	1200	1200	0
11/19/2023 11:01	63404 HONY_T1	84	110	26	0.51	0.51	0	0	0	0	0	0	0	0	0
11/19/2023 11:02	52006 LING_T2	3	3	0	0.9	0.8	-0.1	0	0	0	0	0	0	0	0
11/19/2023 11:04	54701 NEBL_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/19/2023 11:04	40603 PIGR_T1	0	0	0	0	0	0	0.32	0.34	0	0	0	0	0	0
11/19/2023 11:04	63401 HONY_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/19/2023 11:06	45003 LIME_2	29	36	7	0.39	0.5	0.11	0	0	0	0	0	0	0	0
11/19/2023 11:07	57603 RUTH_T2	1	1	0	0.2	0.4	0.2	0	0	0	0	0	0	0	0
11/19/2023 11:08	44601 SALE_T2	1	1	0	0.6	0.5	-0.1	-0.15	-0.2	0	0	0	0	0	0
11/19/2023 11:08	66701 STRA_T1	1	1	0	1.7	1.4	-0.3	0	0	0	0	0	0	0	0
11/19/2023 11:08	27503 WEIS_T2	0	1	1	0	0.7	0.7	0	0	0	0	0	0	0	0
11/19/2023 11:09	67503 WEWI_T2	1	2	1	0.1	0.1	0	-0.41	-0.42	0	0	0	0	0	0
11/19/2023 11:09	44601 SALE_T2	1	1	0	0.6	0.5	-0.1	-0.15	-0.2	0	0	0	0	0	0
11/19/2023 11:09	45402 WBLO_T2	1	1	0	0.5	0.1	-0.4	-0.7	-0.74	0	0	0	0	0	0
11/19/2023 11:10	60201 ATGL_T2	1	1	0	0.2	0.3	0.1	0.17	0.14	0	0	0	0	0	0
11/19/2023 11:11	42503 ALTA_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/19/2023 11:15	51604 DUKE_T2	3	9	6	0.5	0.26	-0.24	-1.72	-1.73	1	1	0	900	900	0
11/19/2023 11:16	53903 HALI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/19/2023 11:17	53903 HALI_T2	3	3	0	0.6	0.63	0.03	-0.12	-0.08	0	0	0	0	0	0
11/19/2023 11:18	45702 LIND_T2	1	1	0	0.4	0.6	0.2	-0.5	-0.52	0	0	0	0	0	0
11/19/2023 11:19	46903 MNTG_T2	3	5	2	0.4	0.58	0.18	0	0	0	0	0	0	0	0
11/19/2023 11:20	46903 MNTG_T2	3	5	2	0.4	0.58	0.18	0	0	0	0	0	0	0	0
11/19/2023 11:21	45003 LIME_2	1	1	0	3.7	4.3	0.6	0	0	1	1	0	1200	1200	0
11/19/2023 11:21	42802 SELI_T1	1	1	0	0.5	0.2	-0.3	-4.2	-2.22	2	0	-2	1800	0	-1800
11/19/2023 11:22	42801 SELI_T1	1	1	0	0	0	0	0	0	0	0	0	0	0	0
11/19/2023 11:22	46903 MNTG_T2	3	5	2	0.4	0.58	0.18	-0.35	-0.36	2	2	0	1200	1200	0
11/19/2023 11:23	42801 SELI_T1	1	1	0	0	0	0	0	0	0	0	0	0	0	0
11/19/2023 11:23	43304 WATS_T2	0	0	0	0	0	0	-0.87	-0.86	0	0	0	0	0	0
11/19/2023 11:23	67605 WARW_T1	5	21	16	0.28	0.3	0.02	-1.47	-1.49	0	0	0	0	0	0
11/19/2023 11:24	67505 WEWI_T1	1	2	1	0.1	0.2	0.1	0	0	0	0	0	0	0	0
11/19/2023 11:24	42801 SELI_T1	1	1	0	0	0	0	0	0	0	0	0	0	0	0
11/19/2023 11:24	43301 WATS_T2	0	1	1	0	0.1	0.1	-0.62	-0.65	1	1	0	900	900	0
11/19/2023 11:24	45303 WBER_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/19/2023 11:25	42801 SELI_T1	1	1	0	0	0	0	0	0	0	0	0	0	0	0
11/19/2023 11:25	59101 WALK_T2	2	1	-1	0.3	0	-0.3	2.38	2.67	0	0	0	0	0	0
11/19/2023 11:25	45303 WBER_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/19/2023 11:26	43301 WATS_T2	0	1	1	0	0.1	0.1	0	0	0	0	0	0	0	0
11/19/2023 11:27	67501 WEWI_T1	1	3	2	0.1	0.2	0.1	-1.28	-1.26	1	1	0	600	600	0
11/19/2023 11:28	56504 ROCK_T2	0	0	0	0	0	0	-0.34	-0.45	0	0	0	0	0	0
11/19/2023 11:29	43301 WATS_T2	0	1	1	0	0.1	0.1	0	0	0	0	0	0	0	0
11/19/2023 11:29	61801 EELI_T2	0	0	0	0	0	0	-0.44	-0.43	0	0	0	0	0	0
11/19/2023 11:30	45303 WBER_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/19/2023 11:31	45802 HEGI_T2	0	0	0	0	0	0	0.54	0.64	0	0	0	0	0	0
11/19/2023 11:34	65005 NEFF_T2	0	1	1	0	0.1	0.1	0	0	0	0	0	0	0	0
11/19/2023 11:34	45702 LIND_T2	1	1	0	0.3	0.6	0.3	-0.52	-0.5	0	0	0	0	0	0
11/19/2023 11:35	64101 REFR_T1	1	3	2	0.5	0.2	-0.3	-0.11	-0.11	0	0	0	0	0	0
11/19/2023 11:36	41902 REED_T1	0	0	0	0	0	0	2.58	2.34	0	0	0	0	0	0
11/19/2023 11:36	12801 MICK_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/19/2023 11:37	64101 REFR_T1	1	3	2	0.5	0.2	-0.3	-0.11	-0.11	0	0	0	0	0	0
11/19/2023 11:38	64101 REFR_T1	1	3	2	0.5	0.2	-0.3	-0.22	-0.22	0	0	0	0	0	0
11/19/2023 11:38	59102 WALK_T2	5	3	-2	0.36	0.27	-0.09	0	0	0	0	0	0	0	0
11/19/2023 11:38	67605 WARW_T1	13	17	4	0.22	0.34	0.12	-1.49	-1.52	0	0	0	0	0	0
11/19/2023 11:40	41901 REED_T1	5	4	-1	0.28	0.38	0.1	0	0	0	0	0	0	0	0
11/19/2023 11:40	64101 REFR_T1	1	3	2	0.5	0.2	-0.3	-0.33	-0.33	0	0	0	0	0	0
11/19/2023 11:40	59102 WALK_T2	5	3	-2	0.36	0.27	-0.09	0	0	0	0	0	0	0	0
11/19/2023 11:40	14802 TREI_T2	2	4	2	0.3	0.3	0	0.41	0.39	0	0	0	0	0	0
11/19/2023 11:41	59102 WALK_T2	5	3	-2	0.36	0.27	-0.09	0	0	0	0	0	0	0	0
11/19/2023 11:41	56802 BENV_T2	1	1	0	0.2	0.2	0	-1.42	-1.42	0	0	0	0	0	0
11/19/2023 11:43	56802 BENV_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/19/2023 11:44	56802 BENV_T2	1	1	0	0.2	0.2	0	-1.42	-1.42	0	0	0	0	0	0
11/19/2023 11:44	14802 TREI_T2	2	4	2	0.3	0.3	0	0.39	0.35	0	0	0	0	0	0
11/19/2023 11:45	48901 FOSP_T2	0	0	0	0	0	0	-0.44	-0.45	1	1	0	600	600	0
11/19/2023 11:46	64501 LAVI_T1	1	1	0	0.1	0.1	0	0	0	0	0	0	0	0	0
11/19/2023 11:47	64503 LAVI_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/19/2023 11:48	48901 FOSP_T2	0	0	0	0	0	0	-1.32	-1.35	3	3	0	1800	1800	0
11/19/2023 11:51	64101 REFR_T1	1	3	2	0.1	0.23	0.13	-0.11	-0.1	0	0	0	0	0	0
11/19/2023 11:52	12801 MICK_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/19/2023 11:52	45802 HEGI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/19/2023 11:54	58001 WCAR_T1	4	4	0	0.58	0.55	-0.03	0	0	0	0	0	0	0	0
11/19/2023 11:54	67605 WARW_T1	17	12	-5	0.32	0.36	0.04	-1.52	-1.54	0	0	0	0	0	0
11/19/2023 11:55	64101 REFR_T1	1	3	2	0.1	0.23	0.13	-0.22	-0.2	0	0	0	0	0	0
11/19/2023 11:56	14802 TREI_T2	3	2	-1	1.27	0.5	-0.77	0.35	0.35	0	0	0	0	0	0
11/19/2023 11:56	64101 REFR_T1	1	3	2	0.1	0.23	0.13	-0.2	-0.2	0	0	0	0	0	0
11/19/2023 11:57	58003 WCAR_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/19/2023 12:07	64101 REFR_T1	3	4	1	0.2	0.28	0.08	-0.2	-0.2	0	0	0	0	0	0
11/19/2023 12:07	45802 HEGI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/19/2023 12:08	13302 ORVI_T2	2	2	0	0.4	0.9	0.5	-0.24	-0.25	0	0	0	0	0	0
11/19/2023 12:09	64101 REFR_T1	3	4	1	0.2	0.28	0.08	-0.1	-0.1	0	0	0	0	0	0
11/19/2023 12:10	64101 REFR_T1	3	4	1	0.2	0.28	0.08	-0.2	-0.2	0	0	0	0	0	0
11/19/2023 12:21	51004 NHAR_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/19/2023 12:22	54206 PENN_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/19/2023 12:23	42201 SHEN_T2	0	1	1	0	1.1	1.1	-0.02	-0.03	1	1	0	600	600	0
11/19/2023 12:26	67605 WARW_T1	6	7	1	0.37	0.34	-0.03	-1.46	-1.5	0	0	0	0	0	0
11/19/2023 12:26	48901 FOSP_T2	0	0	0	0	0	0	-0.42	-0.45	1	1	0	600	600	0
11/19/2023 12:30	48901 FOSP_T2	0	0	0	0	0	0	-0.42	-0.45	1	1	0	600	600	0
11/19/2023 12:32	48901 FOSP_T2	0	0	0	0	0	0	-0.42	-0.45	1	1	0	600	600	0
11/19/2023 12:33	48901 FOSP_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/19/2023 12:43	56802 BENV_T2	1	2	1	0.1	0.3	0.2	-1.45	-1.42	0	0	0	0	0	0
11/19/2023 12:44	56802 BENV_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/19/2023 12:45	42102 FRAI_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/19/2023 12:47	64503 LAVI_T1	0	0	0	0	0	0	-0.88	-0.86	1	1	0	1200	1200	0
11/19/2023 12:47	54505 ENOL_T2	1	1	0	0.8	1	0.2	0	0	0	0	0	0	0	0
11/19/2023 12:47	54504 ENOL_T2	0	0	0	0	0	0	-1.08	-1.09	1	1	0	600	600	0
11/19/2023 12:49	64501 LAVI_T1	1	1	0	0.1	0.2	0.1	0	0	0	0	0	0	0	0
11/19/2023 12:50	64503 LAVI_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/19/2023 12:58	48902 FOSP_T2	0	1	1	0	0	0	-0.35	-0.35	0	0	0	0	0	0
11/19/2023 12:59	20401 ASHF_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/19/2023 12:59	54505 ENOL_T2	1	1	0	0.8	1	0.2	0	0	0	0	0	0	0	0
11/19/2023 13:01	48902 FOSP_T2	0	0	0	0	0	0	-0.35	-0.35	0	0	0	0	0	0
11/19/2023 13:01	54505 ENOL_T2	1	1	0	0.8	1	0.2	0	0	0	0	0	0	0	0
11/19/2023 13:03	63203 MGTN_T1	0	1	1	0	0.1	0.1	-0.89	-0.92	2	2	0	1200	1200	0
11/19/2023 13:03	48902 FOSP_T2	0	0	0	0	0	0	-0.35	-0.35	0	0	0	0	0	0
11/19/2023 13:05	25402 LAHA_T2	119	112	-7	0.66	0.6	-0.06	-0.76	-0.78	0	0	0	0	0	0
11/19/2023 13:06	57304 MOAI_T2	0	4	4	0	0.15	0.15	-0.46	-0.45	0	0	0	0	0	0
11/19/2023 13:10	65901 SAKR_T2	1	1	0	8.3	8.5	0.2	-1.04	-1.29	1	1	0	900	900	0
11/19/2023 13:13	54505 ENOL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/19/2023 13:14	56802 BENV_T2	1	1	0	0.5	0.5	0	-1.45	-1.41	0	0	0	0	0	0
11/19/2023 13:15	48901 FOSP_T2	0	0	0	0	0	0	-0.44	-0.42	1	1	0	600	600	0
11/19/2023 13:16	52402 GRPA_T2	8	7	-1	0.75	0.84	0.09	0	0	0	0	0	0	0	0
11/19/2023 13:16	43702 WILL_T1	4	1	-3	0.7	0	-0.7	0	0	0	0	0	0	0	0
11/19/2023 13:18	48902 FOSP_T2	0	0	0	0	0	0	-0.7	-0.68	0	0	0	0	0	0
11/19/2023 13:20	47401 PENS_T1	1	2	1	1.5	1	-0.5	0.97	0.81	0	0	0	0	0	0
11/19/2023 13:21	64101 REFR_T1	18	16	-2	0.31	0.33	0.02	-0.12	-0.12	0	0	0	0	0	0
11/19/2023 13:22	47403 PENS_T1	5	2	-3	0.38	1.5	1.12	0	0	0	0	0	0	0	0
11/19/2023 13:24	47403 PENS_T1	5	2	-3	0.38	1.5	1.12	0	0	0	0	0	0	0	0
11/19/2023 13:32	57304 MOAI_T2	2	1	-1	0.2	0.1	-0.1	-0.5	-0.51	0	0	0	0	0	0
11/19/2023 13:36	41901 REED_T1	8	10	2	0.34	0.32	-0.02	0	0	0	0	0	0	0	0
11/19/2023 13:37	41902 REED_T1	0	0	0	0	0	0	1.68	1.72	0	0	0	0	0	0
11/19/2023 13:42	54505 ENOL_T2	1	1	0	0.9	1	0.1	0	0	0	0	0	0	0	0
11/19/2023 13:43	54501 ENOL_T2	1	2	1	0.1	0.1	0	0	0	0	0	0	0	0	0
11/19/2023 13:44	54505 ENOL_T2	1	1	0	0.9	1	0.1	0	0	0	0	0	0	0	0
11/19/2023 13:45	54505 ENOL_T2	1	1	0	1	1	0	0	0	0	0	0	0	0	0
11/19/2023 13:47	54501 ENOL_T2	0	3	3	0	0.17	0.17	0	0	0	0	0	0	0	0
11/19/2023 13:47	54505 ENOL_T2	1	1	0	1	1	0	0	0	0	0	0	0	0	0
11/19/2023 13:52	64101 REFR_T1	9	4	-5	0.23	0.28	0.05	-0.11	-0.18	0	0	0	0	0	0
11/19/2023 13:55	64101 REFR_T1	9	4	-5	0.23	0.28	0.05	-0.11	-0.18	0	0	0	0	0	0
11/19/2023 13:56	56802 BENV_T2	1	1	0	0.6	0.8	0.2	-1.49	-1.45	0	0	0	0	0	0
11/19/2023 13:59	56802 BENV_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/19/2023 14:02	46506 LOHA_T1	1	1	0	0.4	0.8	0.4	-0.51	-0.51	0	0	0	0	0	0
11/19/2023 14:05	63601 LETO_T1	0	0	0	0	0	0	1.26	1.37	1	1	0	900	900	0
11/19/2023 14:07	44901 SCOT_T2	0	0	0	0	0	0	-0.47	-0.58	0	0	0	0	0	0
11/19/2023 14:07	64101 REFR_T1	3	7	4	0.23	0.2	-0.03	-0.18	-0.11	0	0	0	0	0	0
11/19/2023 14:08	45302 WBER_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/19/2023 14:08	44901 SCOT_T2	0	0	0	0	0	0	-0.47	-0.58	0	0	0	0	0	0
11/19/2023 14:09	43402 BENT_T1	0	0	0	0	0	0	-0.92	-0.93	1	1	0	900	900	0
11/19/2023 14:09	42201 SHEN_T2	1	0	-1	0.7	0	-0.7	-0.01	-0.01	1	1	0	600	600	0
11/19/2023 14:09	64101 REFR_T1	3	7	4	0.23	0.2	-0.03	-0.18	-0.11	0	0	0	0	0	0
11/19/2023 14:10	45303 WBER_T2	2	64	62	0.15	0.22	0.07	0	0	0	0	0	0	0	0
11/19/2023 14:11	67204 TEHI_T2	0	0	0	0	0	0	-0.29	-0.3	0	0	0	0	0	0
11/19/2023 14:13	56802 BENV_T2	1	1	0	0.5	0.8	0.3	-1.45	-1.49	0	0	0	0	0	0
11/19/2023 14:13	67204 TEHI_T2	0	0	0	0	0	0	-0.29	-0.3	0	0	0	0	0	0
11/19/2023 14:13	42701 AUGU_T1	0	0	0	0	0	0	0	0	2	2	0	1800	1800	0
11/19/2023 14:14	56802 BENV_T2	1	1	0	0.5	0.8	0.3	-2.9	-2.98	0	0	0	0	0	0
11/19/2023 14:14	42701 AUGU_T1	0	0	0	0	0	0	0	0	2	2	0	1800	1800	0
11/19/2023 14:15	56801 BENV_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/19/2023 14:16	52006 LING_T2	3	3	0	0.23	0.33	0.1	0	0	0	0	0	0	0	0
11/19/2023 14:17	46901 MNTG_T2	0	0	0	0	0	0	0.83	0.79	0	0	0	0	0	0
11/19/2023 14:19	45902 AUBU_T1	15	12	-3	0.32	0.28	-0.04	0	0	0	0	0	0	0	0
11/19/2023 14:19	52004 LING_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/19/2023 14:20	64802 MONE_T2	0	0	0	0	0	0	0.22	0.22	0	0	0	0	0	0
11/19/2023 14:21	45902 AUBU_T1	15	12	-3	0.32	0.28	-0.04	-1.19	-1.26	0	0	0	0	0	0

11/19/2023 14:45	56802 BENV_T2	1	1	0	0.8	0.6	-0.2	-1.5	-1.49	0	0	0	0	0	0
11/19/2023 14:46	64503 LAVI_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/19/2023 14:46	56802 BENV_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/19/2023 14:47	48902 FOSP_T2	0	1	1	0	0	0	-0.83	-0.89	0	0	0	0	0	0
11/19/2023 14:47	64503 LAVI_T1	0	0	0	0	0	0	-0.88	-0.9	1	1	0	1200	1200	0
11/19/2023 14:48	45702 LIND_T2	1	1	0	0.7	1	0.3	-0.54	-0.57	0	0	0	0	0	0
11/19/2023 14:49	64503 LAVI_T1	0	0	0	0	0	0	-0.88	-0.9	1	1	0	1200	1200	0
11/19/2023 14:50	63803 HEMP_T1	1	1	0	0.1	0.2	0.1	0	0	0	0	0	0	0	0
11/19/2023 14:50	63401 HONY_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/19/2023 14:50	40601 PIGR_T1	2	0	-2	0.15	0	-0.15	0	0	0	0	0	0	0	0
11/19/2023 14:51	59301 MCAL_T1	1	1	0	1.2	1.1	-0.1	0	0	0	0	0	0	0	0
11/19/2023 14:51	64101 REFR_T1	8	6	-2	0.15	0.14	-0.01	-0.15	-0.2	0	0	0	0	0	0
11/19/2023 14:55	64101 REFR_T1	8	6	-2	0.15	0.14	-0.01	-0.15	-0.2	0	0	0	0	0	0
11/19/2023 14:58	28604 BLYT_T2	0	1	1	0	0.2	0.2	-1.4	-1.4	0	0	0	0	0	0
11/19/2023 15:00	52502 PROG_T2	0	0	0	0	0	0	0.25	0.23	0	0	0	0	0	0
11/19/2023 15:00	46206 DANV_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/19/2023 15:02	46203 DANV_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/19/2023 15:03	45902 AUBU_T1	1	1	0	0.8	0.7	-0.1	-0.53	-0.54	0	0	0	0	0	0
11/19/2023 15:03	48901 FOSP_T2	0	0	0	0	0	0	-0.44	-0.48	1	1	0	600	600	0
11/19/2023 15:04	43401 BENT_T1	1	4	3	0.7	0	-0.7	0	0	0	0	0	0	0	0
11/19/2023 15:05	46203 DANV_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/19/2023 15:06	45901 AUBU_T1	0	0	0	0	0	0	1.01	1.02	0	0	0	0	0	0
11/19/2023 15:06	42201 SHEN_T2	0	0	0	0	0	0	-0.02	-0.02	1	1	0	600	600	0
11/19/2023 15:08	45902 AUBU_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/19/2023 15:12	45501 DERR_T2	0	0	0	0	0	0	-0.81	-0.82	2	2	0	1800	1800	0
11/19/2023 15:13	45501 DERR_T2	0	0	0	0	0	0	-0.81	-0.82	2	2	0	1800	1800	0
11/19/2023 15:13	46004 BERW_T2	3	8	5	0.1	0.1	0	-0.77	-0.79	0	0	0	0	0	0
11/19/2023 15:14	45501 DERR_T2	0	0	0	0	0	0	-0.81	-0.82	2	2	0	1800	1800	0
11/19/2023 15:15	54502 ENOL_T2	1	1	0	0.2	0.4	0.2	0	0	0	0	0	0	0	0
11/19/2023 15:16	45501 DERR_T2	0	0	0	0	0	0	-1.62	-1.64	4	4	0	3600	3600	0
11/19/2023 15:16	46203 DANV_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/19/2023 15:16	63401 HONY_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/19/2023 15:17	54502 ENOL_T2	1	1	0	0.2	0.4	0.2	0	0	0	0	0	0	0	0
11/19/2023 15:17	47901 HRDG_T1	0	0	0	0	0	0	0.67	0.76	0	0	0	0	0	0
11/19/2023 15:18	63401 HONY_T1	0	0	0	0	0	0	0.38	0.37	0	0	0	0	0	0
11/19/2023 15:21	45501 DERR_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/19/2023 15:21	47901 HRDG_T1	0	0	0	0	0	0	0.67	0.76	0	0	0	0	0	0
11/19/2023 15:25	20403 ASHF_T2	0	0	0	0	0	0	0.08	0.12	0	0	0	0	0	0
11/19/2023 15:28	20401 ASHF_T2	0	1	1	0	0	0	0	0	0	0	0	0	0	0
11/19/2023 15:30	64503 LAVI_T1	0	0	0	0	0	0	-0.86	-0.85	1	1	0	1200	1200	0
11/19/2023 15:38	64101 REFR_T1	0	0	0	0	0	0	-0.15	-0.18	0	0	0	0	0	0
11/19/2023 15:42	59101 WALK_T2	1	1	0	0	0	0	2.93	2.84	0	0	0	0	0	0
11/19/2023 16:09	43301 WATS_T2	1	1	0	0.4	0.2	-0.2	0	0	0	0	0	0	0	0
11/19/2023 16:10	43301 WATS_T2	1	1	0	0.4	0.2	-0.2	0	0	0	0	0	0	0	0
11/19/2023 16:28	52502 PROG_T2	0	0	0	0	0	0	-0.71	-0.71	1	1	0	900	900	0
11/19/2023 16:53	59101 WALK_T2	1	1	0	0	0	0	1.05	1.54	0	0	0	0	0	0
11/19/2023 16:56	49803 UNIV_T1	0	0	0	0	0	0	-1.08	-1.11	0	0	0	0	0	0
11/19/2023 17:28	45501 DERR_T2	0	1	1	0	0.1	0.1	-0.58	-0.43	2	2	0	1800	1800	0
11/19/2023 17:29	45501 DERR_T2	0	1	1	0	0.1	0.1	-0.58	-0.43	2	2	0	1800	1800	0
11/19/2023 17:39	65001 NEFF_T2	0	1	1	0	0	0	-1.2	-1.31	1	1	0	1200	1200	0
11/19/2023 18:28	26401 INOR_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/19/2023 18:30	26401 INOR_T1	0	0	0	0	0	0	0.44	0.43	0	0	0	0	0	0
11/19/2023 18:41	29402 BELT_T1	1	1	0	6.5	7	0.5	0	0	0	0	0	0	0	0
11/19/2023 18:44	29402 BELT_T1	1	1	0	6.5	7	0.5	0	0	0	0	0	0	0	0
11/19/2023 18:44	51004 NHAR_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/19/2023 18:45	45303 WBER_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/19/2023 18:45	27502 WEIS_T2	0	0	0	0	0	0	-0.61	-0.63	0	0	0	0	0	0
11/19/2023 18:45	45902 AUBU_T1	0	0	0	0	0	0	-0.46	-0.44	0	0	0	0	0	0
11/19/2023 18:46	47001 HUGH_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/19/2023 18:46	65901 SAKR_T2	1	0	0	8.6	8.8	0.2	-1.46	-1.43	1	1	0	900	900	0
11/19/2023 18:46	45901 AUBU_T1	0	0	0	0	0	0	0.99	0.99	0	0	0	0	0	0
11/19/2023 18:46	14403 SSLA_T1	0	0	0	0	0	0	0.78	0.75	0	0	0	0	0	0
11/19/2023 18:46	44901 SCOT_T2	0	0	0	0	0	0	-1.58	-1.52	0	0	0	0	0	0
11/19/2023 18:46	45302 WBER_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/19/2023 18:47	67502 WEWI_T2	0	0	0	0	0	0	-1.44	-1.44	1	1	0	900	900	0
11/19/2023 18:47	29402 BELT_T1	1	1	0	7	7	0	0	0	0	0	0	0	0	0
11/19/2023 18:47	64101 REFR_T1	0	0	0	0	0	0	-0.09	-0.09	0	0	0	0	0	0
11/19/2023 18:47	44901 SCOT_T2	0	0	0	0	0	0	-1.58	-1.52	0	0	0	0	0	0
11/19/2023 18:48	59302 MCAL_T1	1	1	0	0.4	0.5	0.1	0	0	0	0	0	0	0	0
11/19/2023 18:48	67503 WEWI_T2	0	0	0	0	0	0	-0.4	-0.37	0	0	0	0	0	0
11/19/2023 18:48	13904 SEID_T1	3	10	7	0.5	0.43	-0.07	0	0	0	0	0	0	0	0
11/19/2023 18:48	12801 MICK_T1	0	0	0	0	0	0	-0.33	-0.29	1	1	0	600	600	0
11/19/2023 18:48	45902 AUBU_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/19/2023 18:48	42503 ALTA_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/19/2023 18:48	28403 HART_T2	0	0	0	0	0	0	-0.63	-0.63	1	1	0	900	900	0
11/19/2023 18:48	40201 BEGA_T2	3	2	-1	0.5	0.5	0	0	0	0	0	0	0	0	0
11/19/2023 18:49	45902 AUBU_T1	0	0	0	0	0	0	-0.92	-0.88	0	0	0	0	0	0
11/19/2023 18:49	52004 LING_T2	1	1	0	0.9	0.5	-0.4	0.24	0.24	0	0	0	0	0	0
11/19/2023 18:49	48901 FOSP_T2	0	0	0	0	0	0	-0.45	-0.45	1	1	0	600	600	0
11/19/2023 18:49	47402 PENS_T1	0	1	1	0	0	0	0	0	0	0	0	0	0	0
11/19/2023 18:49	42802 SELI_T1	0	1	1	0	0	0	-2.13	-2.13	1	1	0	900	900	0
11/19/2023 18:49	28604 BLYT_T2	0	0	0	0	0	0	-1.29	-1.3	0	0	0	0	0	0
11/19/2023 18:49	12801 MICK_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/19/2023 18:49	45501 DERR_T2	0	1	1	0	0	0	-0.58	-0.55	2	2	0	1800	1800	0
11/19/2023 18:49	44601 SALE_T2	0	0	0	0	0	0	-0.11	-0.14	0	0	0	0	0	0
11/19/2023 18:50	47403 PENS_T1	1	1	0	2.4	2.5	0.1	0	0	0	0	0	0	0	0
11/19/2023 18:50	66505 SMAN_T2	2	3	1	0.15	0.63	0.48	0	0	0	0	0	0	0	0
11/19/2023 18:50	48302 ORWI_T2	2	2	0	0.35	0.45	0.1	0	0.02	0	0	0	0	0	0
11/19/2023 18:50	43304 WATS_T2	3	1	-2	0.83	0	-0.83	-0.83	-0.83	0	0	0	0	0	0
11/19/2023 18:50	48901 FOSP_T2	0	0	0	0	0	0	-0.45	-0.45	1	1	0	600	600	0
11/19/2023 18:50	40101 HUNT_T2	1	3	2	0.2	0.7	0.5	-0.91	-0.89	1	1	0	300	300	0
11/19/2023 18:50	46903 MNTG_T2	0	1	1	0	0	0	0	0	0	0	0	0	0	0
11/19/2023 18:50	20403 ASHF_T2	1	1	0	0.6	0.4	-0.2	0.33	0.32	0	0	0	0	0	0
11/19/2023 18:50	47001 HUGH_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/19/2023 18:51	67502 WEWI_T2	0	0	0	0	0	0	-1.44	-1.44	1	1	0	900	900	0
11/19/2023 18:51	44601 SALE_T2	0	0	0	0	0	0	-0.11	-0.14	0	0	0	0	0	0
11/19/2023 18:51	46206 DANV_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/19/2023 18:51	54001 SDLE_T1	4	1	-3	0.6	0.5	-0.1	0	0	1	0	-1	600	0	-600
11/19/2023 18:51	56802 BENV_T2	1	1	0	0.2	0.1	-0.1	-1.45	-1.38	0	0	0	0	0	0
11/19/2023 18:51	52502 PROG_T2	0	0	0	0	0	0	-0.65	-0.69	1	1	0	900	900	0
11/19/2023 18:51	64101 REFR_T1	0	0	0	0	0	0	-0.18	-0.18	0	0	0	0	0	0
11/19/2023 18:51	52004 LING_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/19/2023 18:51	40603 PIGR_T1	0	0	0	0	0	0	0.35	0.36	0	0	0	0	0	0
11/19/2023 18:51	54501 ENOL_T2	0	0	0	0	0	0	-0.54	-0.54	1	1	0	600	600	0
11/19/2023 18:51	55002 NEWP_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/19/2023 18:51	59202 THOM_T1	0	1	1	0	0.1	0.1	0	0	0	0	0	0	0	0
11/19/2023 18:51	45501 DERR_T2	0	1	1	0	0	0	-0.58	-0.55	2	2	0	1800	1800	0
11/19/2023 18:51	64503 LAVI_T1	0	0	0	0	0	0	-1.73	-1.68	2	2	0	2400	2400	0
11/19/2023 18:51	56501 ROCK_T2	99	126	27	0.25	0.23	-0.02	-2.02	-2.02	0	0	0	0	0	0
11/19/2023 18:52	46903 MNTG_T2	0	1	1	0	0	0	-0.16	-0.2	1	1	0	600	600	0
11/19/2023 18:52	43304 WATS_T2	3	1	-2	0.83	0	-0.83	-0.83	-0.83	0	0	0	0	0	0
11/19/2023 18:52	48901 FOSP_T2	0	0	0	0	0	0	-0.45	-0.45	1	1	0	600	600	0
11/19/2023 18:52	67502 WEWI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/19/2023 18:52	46003 BERW_T2	1	1	0	0.2	0.2	0	0	0	0	0	0	0	0	0
11/19/2023 18:52	58402 MORO_T1	0	0	0	0	0	0	-1.44	-1.49	2	2	0	1500	1500	0
11/19/2023 18:52	67501 WEWI_T1	0	0	0	0	0	0	-1.25	-1.28	1	1	0	600	600	0
11/19/2023 18:52	56501 ROCK_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/19/2023 18:52	42701 AUGU_T1	0	0	0	0	0	0	0	0	2	2	0	1800	1800	0
11/19/2023 18:52	64503 LAVI_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/19/2023 18:53	59101 WALK_T2	1	1	0	0	0	0	1.03	1.05	1	1	0	450	450	0
11/19/2023 18:53	52502 PROG_T2	0	0	0	0	0	0	-0.65	-0.69	1	1	0	900	900	0
11/19/2023 18:53	43402 BENT_T1	0	0	0	0	0	0	-1.53	-1.52	2	2	0	1500	1500	0
11/19/2023 18:53	46903 MNTG_T2	0	1	1	0	0	0	-0.16	-0.2	1	1	0	600	600	0
11/19/2023 18:53	63601 LETO_T1	0	0	0	0	0	0	1.15	1.23	1	1	0	900	900	0
11/19/2023 18:53	67503 WEWI_T2	0	0	0	0	0	0	-0.4	-0.37	0	0	0	0	0	0
11/19/2023 18:53	42802 SELI_T1	0	1	1	0	0	0	-4.26	-4.26	2	2	0	1800	1800	0
11/19/2023 18:53	55002 NEWP_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/19/2023 18:53	59301 MCAL_T1	1	1	0	0.1	0.1	0	0	0	0	0	0	0	0	0
11/19/2023 18:53	60201 ATGL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/19/2023 18:53	56802 BENV_T2	1	1	0	0.2	0.1	-0.1	-1.45	-1.38	0	0	0	0	0	0
11/19/2023 18:53	63401 HONY_T1	0	0	0	0	0	0	0.44	0.46	0	0	0	0	0	0
11/19/2023 18:53	22901 HARW_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/19/2023 18:54	29402 BELT_T1	1	1	0	7	7	0	0	0	0	0	0	0	0	0
11/19/2023 18:54	58003 WCAR_T1	1	1	0	0.2	0.3	0.1	0.48	0.49	0	0	0	0	0	0
11/19/2023 18:54	43201 MVIL_T2	0	1	1	0	0	0	-1.28	-1.29	0	0	0	0	0	0
11/19/2023 18:54	45902 AUBU_T1	0	0	0	0	0	0	-0.46	-0.44	0	0	0	0	0	0
11/19/2023 18:54	60501 NMAN_T2	3	3	0	3.8	4.33	0.53	0	0	0	0	0	0	0	0
11/19/2023 18:54	40602 PIGR_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/19/2023 18:54	67502 WEWI_T2	0	0	0	0	0	0	-1.44	-1.44	1	1	0	900	900	0
11/19/2023 18:54	43304 WATS_T2	3	1	-2	0.83	0	-0.83	-0.83	-0.83	0	0	0	0	0	0
11/19/2023 18:54	10801 CHHI_T1	0	0	0	0	0	0	0	-1.51	2	2	0	1500	1500	0
11/19/2023 18:54	43001 ALWD_T1	0	1	1	0	0	0	0	0	0	0	0	0	0	0
11/19/2023 18:54	64101 REFR_T1	0	0	0	0	0	0	-0.09	-0.09	0	0	0	0	0	0
11/19/2023 18:54	48902 FOSP_T2	0	0	0	0	0	0	-0.35	-0.37	0	0	0	0	0	0
11/19/2023 18:54	59101 WALK_T2	1	1	0	0	0	0	2.06	2.1	2	2	0	900	900	0
11/19/2023 18:55	45003 LIME_2	1	1	0	2.8	2.4	-0.4	0	0	0	0	0	0	0	0
11/19/2023 18:55	43301 WATS_T2	0	0	0	0	0	0	-0.62	-0.61	1	1	0	900	900	0
11/19/2023 18:55	67502 WEWI_T2	0	0	0	0	0	0	-1.44	-1.44	1	1	0	900	900	0
11/19/2023 18:55	42802 SELI_T1	0	1	1	0	0	0	-2.13	-2.13	1	1	0	900	900	0
11/19/2023 18:55	46203 DANV_T2	0	1	1	0	0.1	0.1	-1.33	-1.33	0	0	0	0	0	0
11/19/2023 18:55	67502 WEWI_T2	0	0	0	0	0	0	-1.44	-1.44	1	1	0	900	900	0
11/19/2023 18:55	67501 WEWI_T1	0	0	0	0	0	0	-1.25	-1.28	1	1	0	600	600	0
11/19/2023 18:55	45303 WBER_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/19/2023 18:55	56501 ROCK_T2	99	126	27	0.25	0.23	-0.02	-2.02	-2.02	0	0	0	0	0	0
11/19/2023 18:55	40701 FFLD_T1	0	5	5	0	0.1	0.1	0	0	0	0	0	0	0	0
11/19/2023 18:55	64101 REFR_T1	0	0	0	0	0	0	-0.09	-0.09	0	0	0	0	0	0
11/19/2023 18:55	65001 NEFF_T2	0	0	0	0	0	0	-1.31	-1.28	1	1	0	1200	1200	0
11/19/2023 18:55	64503 LAVI_T1	0	0	0	0	0	0	-0.86	-0.84	1	1	0	1200	1200	0
11/19/2023 18:55	52401 GRPA_T2	0	0	0	0	0	0	-0.62	-0.61	0	0	0	0	0	0
11/19/2023 18:55	46801 HEPB_T2	0	0	0	0	0	0	0.59	0.58	0	0	0	0	0	0
11/19/2023 18:55	43301 WATS_T2	0	0	0	0	0	0	-0.62	-0.61	1	1	0	900	900	0
11/19/2023 18:55	48902 FOSP_T2	0	0	0	0	0	0	-0.35	-0.37	0	0	0	0	0	0
11/19/2023 18:55	45501 DERR_T2	0	1	1	0	0	0	0	0	0	0	0	0	0	0
11/19/2023 18:55	52502 PROG_T2	0	0	0	0	0	0	-0.65	-0.69	1	1	0	900	900	0
11/19/2023 18:55	41801 GOCI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/19/2023 18:56	14802 TREI_T2	3	2	-1	0.9	1.6	0.7	0.39	0.37	0	0	0	0	0	0
11/19/2023 18:56	45003 LIME_2	1	1	0	2.8	2.4	-0.4	0	0	1	1	0	1200	1200	0
11/19/2023 18:56	55002 NEWP_T1	5	6	1	0.94	1.13	0.19	-0.24	-0.21	0	0	0	0	0	0
11/19/2023 18:56	43001 ALWD_T1	0	1	1	0	0	0	0	0	0	0	0	0	0	0
11/19/2023 18:56	46501 LOHA_T1	3	3	0	0.57	0.45	-0.12	0	0	0	0	0	0	0	0
11/19/2023 18:56	59101 WALK_T2	1	1	0	0	0	0	1.05	1.25	1	1	0	450	450	0
11/19/2023 18:56	20401 ASHF_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/19/2023 18:56	63401 HONY_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/19/2023 18:56	44301 BEAV_T2	0	0	0	0	0	0	-0.97	-1.02	1	1	0	600	600	0
11/19/2023 18:56	46203 DANV_T2	0	1	1	0	0.1	0.1	-1.33	-1.29	0	0	0	0	0	0
11/19/2023 18:56	42802 SELI_T1	0	1	1	0	0	0	-2.13	-2.13	1	1	0	900	900	0
11/19/2023 18:56	42701 AUGU_T1	0	0	0	0	0	0	0	0	2	2	0	1800	1800	0
11/19/2023 18:56	45303 WBER_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/19/2023 18:56	45402 WBLO_T2	0	1	1	0	0.3	0.3	-0.67	-0.66	0	0	0	0	0	0
11/19/2023 18:56	67502 WEWI_T2	0	0	0	0	0	0	-1.44	-1.44	1	1	0	900	900	0
11/19/2023 18:57	67503 WEWI_T2	0	0	0	0	0	0	-0.37	-0.39	0	0	0	0	0	0
11/19/2023 18:57	56

11/19/2023 19:00	41902 REED_T1	3	0	-3	0.43	0	-0.43	0.78	0.77	0	0	0	0	0	0
11/19/2023 19:00	64101 REFR_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/19/2023 19:00	44301 BEAV_T2	0	0	0	0	0	0	-0.97	-1.02	1	1	0	600	600	0
11/19/2023 19:00	66703 STRA_T1	0	0	0	0	0	0	-0.43	-0.38	0	0	0	0	0	0
11/19/2023 19:00	40602 PIGR_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/19/2023 19:01	56501 ROCK_T2	125	195	70	0.23	0.25	0.02	-2.02	-1.99	0	0	0	0	0	0
11/19/2023 19:01	52402 GRPA_T2	3	9	6	2.97	0.78	-2.19	0	0	0	0	0	0	0	0
11/19/2023 19:01	45002 LIME_2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/19/2023 19:01	54001 SDLE_T1	1	1	0	0.5	0.7	0.2	0	0	0	0	0	0	0	0
11/19/2023 19:01	42801 SELI_T1	1	1	0	0	0	0	0	0	0	0	0	0	0	0
11/19/2023 19:01	43304 WATS_T2	1	0	-1	0.2	0	-0.2	-0.83	-0.83	0	0	0	0	0	0
11/19/2023 19:01	54701 NEBL_T1	0	0	0	0	0	0	0	0	1	1	0	600	600	0
11/19/2023 19:01	63802 HEMP_T1	0	0	0	0	0	0	-0.22	-0.22	0	0	0	0	0	0
11/19/2023 19:01	49803 UNIV_T1	0	0	-5	0	0	0	-1.1	-1.15	0	0	0	0	0	0
11/19/2023 19:01	64101 REFR_T1	0	0	0	0	0	0	-0.09	-0.08	0	0	0	0	0	0
11/19/2023 19:01	47901 HRDG_T1	0	0	0	0	0	0	1.34	1.29	0	0	0	0	0	0
11/19/2023 19:01	46203 DANV_T2	1	1	0	0.2	0	-0.2	0	0	0	0	0	0	0	0
11/19/2023 19:02	59101 WALK_T2	1	1	0	0	0	0	1.05	1.25	1	1	0	450	450	0
11/19/2023 19:02	54001 SDLE_T1	1	1	0	0.5	0.7	0.2	0	0	0	0	0	0	0	0
11/19/2023 19:02	41901 REED_T1	1	1	0	0.1	0.2	0.1	0	0	0	0	0	0	0	0
11/19/2023 19:02	58003 WCAR_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/19/2023 19:02	41801 GOCI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/19/2023 19:02	58402 MORO_T1	0	0	0	0	0	0	-1.49	-1.53	2	2	0	1500	1500	0
11/19/2023 19:02	40902 JESH_T1	0	0	0	0	0	0	-0.98	-0.9	0	0	0	0	0	0
11/19/2023 19:02	45402 WBLO_T2	0	1	1	0	0.3	0.3	0	0	0	0	0	0	0	0
11/19/2023 19:02	64101 REFR_T1	0	0	0	0	0	0	-0.09	-0.08	0	0	0	0	0	0
11/19/2023 19:02	56802 BENV_T2	1	1	0	0.1	0.2	0.1	-4.14	-4.23	0	0	0	0	0	0
11/19/2023 19:03	48901 FOSP_T2	0	0	0	0	0	0	-0.45	-0.46	1	1	0	600	600	0
11/19/2023 19:03	45501 DERR_T2	0	1	1	0	0	0	-0.55	-0.57	2	2	0	1800	1800	0
11/19/2023 19:03	56501 ROCK_T2	125	195	70	0.23	0.25	0.02	-4.04	-3.98	0	0	0	0	0	0
11/19/2023 19:03	40201 BEGA_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/19/2023 19:03	57304 MOAL_T2	2	0	-2	0.4	0	-0.4	-0.31	-0.3	0	0	0	0	0	0
11/19/2023 19:03	52402 GRPA_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/19/2023 19:03	40101 HUNT_T2	3	1	-2	0.43	0.3	-0.13	-0.89	-0.92	1	1	0	300	300	0
11/19/2023 19:03	54501 ENOL_T2	0	0	0	0	0	0	-0.54	-0.54	1	1	0	600	600	0
11/19/2023 19:04	45001 LIME_2	1	1	0	0.8	0.1	-0.7	0	0	0	0	0	0	0	0
11/19/2023 19:04	52402 GRPA_T2	3	9	6	2.97	0.78	-2.19	0	0	0	0	0	0	0	0
11/19/2023 19:04	42801 SELI_T1	1	1	0	0	0	0	0	0	0	0	0	0	0	0
11/19/2023 19:04	43304 WATS_T2	1	0	-1	0.2	0	-0.2	-0.83	-0.83	0	0	0	0	0	0
11/19/2023 19:04	59101 WALK_T2	1	1	0	0	0	0	1.05	1.25	1	1	0	450	450	0
11/19/2023 19:05	52501 PROG_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/19/2023 19:07	46801 HEPB_T2	0	0	0	0	0	0	0.58	0.59	0	0	0	0	0	0
11/19/2023 19:07	45002 LIME_2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/19/2023 19:25	43402 BENT_T1	0	0	0	0	0	0	-1.54	-1.56	2	2	0	1500	1500	0
11/19/2023 19:27	61801 EELI_T2	0	0	0	0	0	0	-1.04	-1.04	1	1	0	600	600	0
11/19/2023 19:29	43402 BENT_T1	0	0	0	0	0	0	-1.56	-1.52	2	2	0	1500	1500	0
11/19/2023 19:37	63203 MGTN_T1	0	0	0	0	0	0	-0.3	-0.3	1	1	0	600	600	0
11/19/2023 20:00	65001 NEFF_T2	0	0	0	0	0	0	-1.31	-1.35	1	1	0	1200	1200	0
11/19/2023 20:25	43402 BENT_T1	0	0	0	0	0	0	-1.54	-1.53	2	2	0	1500	1500	0
11/19/2023 20:29	43401 BENT_T1	0	1	1	0	0	0	0	0	0	0	0	0	0	0
11/19/2023 21:25	43402 BENT_T1	0	0	0	0	0	0	-1.56	-1.55	2	2	0	1500	1500	0
11/19/2023 21:29	43402 BENT_T1	0	0	0	0	0	0	-1.55	-1.57	2	2	0	1500	1500	0
11/19/2023 22:25	43401 BENT_T1	1	0	-1	0.1	0	-0.1	0	0	0	0	0	0	0	0
11/19/2023 22:29	43401 BENT_T1	1	0	-1	0.1	0	-0.1	0	0	0	0	0	0	0	0
11/19/2023 22:45	43402 BENT_T1	0	0	0	0	0	0	-1.58	-1.59	2	2	0	1500	1500	0
11/20/2023 3:42	65001 NEFF_T2	0	0	0	0	0	0	-1.33	-1.32	1	1	0	1200	1200	0
11/20/2023 5:00	53903 HALI_T2	0	0	0	0	0	0	-0.13	-0.12	0	0	0	0	0	0
11/20/2023 5:15	53903 HALI_T2	0	0	0	0	0	0	-0.12	-0.13	0	0	0	0	0	0
11/20/2023 7:53	45502 DERR_T2	67	48	-19	0.71	0.41	-0.3	0	0	0	0	0	0	0	0
11/20/2023 7:54	65001 NEFF_T2	0	1	1	0	0	0	0	0	0	0	0	0	0	0
11/20/2023 8:08	46203 DANV_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/20/2023 8:08	29401 BELT_T1	22	30	8	0.16	0.2	0.04	0	0	0	0	0	0	0	0
11/20/2023 8:09	46204 DANV_T2	0	1	1	0	0	0	0	0	0	0	0	0	0	0
11/20/2023 8:09	43402 BENT_T1	0	0	0	0	0	0	-1.47	-1.49	2	2	0	1500	1500	0
11/20/2023 8:10	45901 AUBU_T1	0	0	0	0	0	0	0.35	1.61	0	0	0	0	0	0
11/20/2023 8:10	43402 BENT_T1	0	0	0	0	0	0	-1.47	-1.49	2	2	0	1500	1500	0
11/20/2023 8:10	46203 DANV_T2	0	0	0	0	0	0	-2.42	-2.45	0	0	0	0	0	0
11/20/2023 8:11	45501 DERR_T2	20	19	-1	1.21	0.72	-0.49	1.16	1.1	2	2	0	1800	1800	0
11/20/2023 8:11	43402 BENT_T1	0	0	0	0	0	0	-1.49	-1.52	2	2	0	1500	1500	0
11/20/2023 8:15	40101 HUNT_T2	269	303	34	0.74	0.78	0.04	-0.42	-0.38	0	0	0	0	0	0
11/20/2023 8:16	54701 NEBL_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/20/2023 8:16	52403 GRPA_T2	1	1	0	0.6	0	-0.6	0	0	0	0	0	0	0	0
11/20/2023 8:18	54701 NEBL_T1	2	1	-1	3.85	0	-3.85	0	0	1	1	0	600	600	0
11/20/2023 8:20	49803 UNIV_T1	0	0	0	0	0	0	-0.96	-0.95	0	0	0	0	0	0
11/20/2023 8:29	43402 BENT_T1	0	1	1	0	0	0	-1.52	-1.49	2	2	0	1500	1500	0
11/20/2023 8:35	13901 SEID_T1	0	0	0	0	0	0	0.27	0.27	0	0	0	0	0	0
11/20/2023 8:52	55002 NEWP_T1	10	27	17	1.23	0.5	-0.73	-0.18	-0.19	0	0	0	0	0	0
11/20/2023 9:00	52503 PROG_T2	0	0	0	0	0	0	-0.61	-0.63	1	1	0	900	900	0
11/20/2023 9:00	45302 WBER_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/20/2023 9:00	45002 LIME_2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/20/2023 9:00	65901 SAKR_T2	1	1	0	9.3	9.8	0.5	-1.26	-1.3	1	1	0	900	900	0
11/20/2023 9:00	49803 UNIV_T1	0	0	0	0	0	0	-0.96	-1.05	0	0	0	0	0	0
11/20/2023 9:00	43401 BENT_T1	0	1	1	0	0.1	0.1	0	0	0	0	0	0	0	0
11/20/2023 9:00	53903 HALI_T2	0	0	0	0	0	0	-0.23	-0.23	0	0	0	0	0	0
11/20/2023 9:00	56501 ROCK_T2	1	1	0	2.7	1.7	-1	0	0	0	0	0	0	0	0
11/20/2023 9:00	58402 MORO_T1	0	0	0	0	0	0	-1.88	-1.86	3	3	0	2400	2400	0
11/20/2023 9:01	53903 HALI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/20/2023 9:01	48901 FOSP_T2	0	0	0	0	0	0	-0.08	-0.08	1	1	0	600	600	0
11/20/2023 9:01	43304 WATS_T2	0	1	1	0	0	0	-0.32	-0.12	0	0	0	0	0	0
11/20/2023 9:07	49803 UNIV_T1	0	0	0	0	0	0	-0.96	-1.05	0	0	0	0	0	0
11/20/2023 9:07	43402 BENT_T1	0	0	0	0	0	0	-1.47	-1.47	2	2	0	1500	1500	0
11/20/2023 9:07	57104 SPHI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/20/2023 9:07	67503 WEWI_T2	0	0	0	0	0	0	-0.03	-0.17	0	0	0	0	0	0
11/20/2023 9:08	55002 NEWP_T1	24	6	-18	1.34	0.58	-0.76	-0.19	-0.13	0	0	0	0	0	0
11/20/2023 9:09	45502 DERR_T2	2	1	-1	0.75	1.1	0.35	0	0	0	0	0	0	0	0
11/20/2023 9:11	45502 DERR_T2	2	1	-1	0.75	1.1	0.35	0	0	0	0	0	0	0	0
11/20/2023 9:17	64101 REFR_T1	0	0	0	0	0	0	-0.43	-0.3	0	0	0	0	0	0
11/20/2023 9:18	64101 REFR_T1	0	0	0	0	0	0	-0.14	-0.1	0	0	0	0	0	0
11/20/2023 9:19	64101 REFR_T1	0	0	0	0	0	0	-0.14	-0.1	0	0	0	0	0	0
11/20/2023 9:19	54701 NEBL_T1	0	0	0	0	0	0	0	0	1	0	-1	600	0	-600
11/20/2023 9:21	45902 AUBU_T1	0	1	1	0	0.9	0.9	-0.34	-0.32	1	1	0	600	600	0
11/20/2023 9:21	64101 REFR_T1	0	0	0	0	0	0	-0.14	-0.1	0	0	0	0	0	0
11/20/2023 9:21	29401 BELT_T1	23	51	28	0.17	0.22	0.05	0	0	0	0	0	0	0	0
11/20/2023 9:21	54701 NEBL_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/20/2023 9:21	16302 ALPA_T2	1	2	1	0.2	0.1	-0.1	-0.54	-0.53	0	0	0	0	0	0
11/20/2023 9:22	16302 ALPA_T2	1	2	1	0.2	0.1	-0.1	-0.54	-0.53	0	0	0	0	0	0
11/20/2023 9:22	64101 REFR_T1	0	0	0	0	0	0	-0.29	-0.2	0	0	0	0	0	0
11/20/2023 9:22	29401 BELT_T1	23	51	28	0.17	0.22	0.05	0	0	0	0	0	0	0	0
11/20/2023 9:23	16302 ALPA_T2	1	2	1	0.2	0.1	-0.1	-1.08	-1.06	0	0	0	0	0	0
11/20/2023 9:24	45902 AUBU_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/20/2023 9:28	52402 GRPA_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/20/2023 9:29	41801 GOCI_T2	0	2	2	0	0.15	0.15	0	0	0	0	0	0	0	0
11/20/2023 9:30	52401 GRPA_T2	1	1	0	0.2	0.6	0.4	0	0	0	0	0	0	0	0
11/20/2023 9:30	41801 GOCI_T2	0	2	2	0	0.15	0.15	0	0	0	0	0	0	0	0
11/20/2023 9:30	46901 MNTG_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/20/2023 9:33	41902 REED_T1	0	0	0	0	0	0	1.16	1.12	0	0	0	0	0	0
11/20/2023 9:33	13901 SEID_T1	0	0	0	0	0	0	0.24	0.23	0	0	0	0	0	0
11/20/2023 9:35	41902 REED_T1	0	0	0	0	0	0	2.32	2.24	0	0	0	0	0	0
11/20/2023 9:35	56501 ROCK_T2	1	1	0	1.7	0	-1.7	-0.86	-0.92	0	0	0	0	0	0
11/20/2023 9:35	14403 SSLA_T1	1	1	0	0.2	0.4	0.2	0.77	0.78	0	0	0	0	0	0
11/20/2023 9:36	67502 WEWI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/20/2023 9:37	67502 WEWI_T2	8	3	-5	0.33	0.63	0.3	-1.13	-1.17	1	1	0	900	900	0
11/20/2023 9:37	56802 BENV_T2	135	130	-5	0.22	0.2	-0.02	-1.3	-1.33	0	0	0	0	0	0
11/20/2023 9:38	56802 BENV_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/20/2023 9:38	14403 SSLA_T1	1	1	0	0.2	0.4	0.2	0.77	0.78	0	0	0	0	0	0
11/20/2023 9:38	43304 WATS_T2	0	0	0	0	0	0	-0.15	-0.14	0	0	0	0	0	0
11/20/2023 9:39	45501 DERR_T2	13	12	-1	0.91	0.44	-0.47	0	0	0	0	0	0	0	0
11/20/2023 9:39	67502 WEWI_T2	8	3	-5	0.33	0.63	0.3	-1.13	-1.17	1	0	-1	900	0	-900
11/20/2023 9:39	56802 BENV_T2	135	130	-5	0.22	0.2	-0.02	-1.3	-1.33	0	0	0	0	0	0
11/20/2023 9:39	43304 WATS_T2	0	0	0	0	0	0	-0.15	-0.14	0	0	0	0	0	0
11/20/2023 9:39	46203 DANV_T2	0	0	0	0	0	0	-1.3	-1.28	0	0	0	0	0	0
11/20/2023 9:40	56802 BENV_T2	135	130	-5	0.22	0.2	-0.02	-2.6	-2.66	0	0	0	0	0	0
11/20/2023 9:41	40101 HUNT_T2	193	197	4	0.56	0.46	-0.1	-0.34	-0.38	0	0	0	0	0	0
11/20/2023 9:41	45501 DERR_T2	13	12	-1	0.91	0.44	-0.47	1.07	0.98	2	2	0	1800	1800	0
11/20/2023 9:41	56802 BENV_T2	135	130	-5	0.22	0.2	-0.02	-1.33	-1.29	0	0	0	0	0	0
11/20/2023 9:42	56802 BENV_T2	135	130	-5	0.22	0.2	-0.02	-1.33	-1.29	0	0	0	0	0	0
11/20/2023 9:42	46203 DANV_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/20/2023 9:42	40101 HUNT_T2	193	197	4	0.56	0.46	-0.1	-0.34	-0.38	0	0	0	0	0	0
11/20/2023 9:43	46203 DANV_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/20/2023 9:43	45802 HEGI_T2	0	0	0	0	0	0	-0.11	0.4	1	1	0	900	900	0
11/20/2023 9:45	40101 HUNT_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/20/2023 9:48	66504 SMAN_T2	0	0	0	0	0	0	-0.29	-0.33	0	0	0	0	0	0
11/20/2023 9:51	43001 ALWD_T1	1	1	0	0.1	0.2	0.1	0	0	0	0	0	0	0	0
11/20/2023 9:52	55002 NEWP_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/20/2023 9:52	57403 SPAN_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/20/2023 9:53	55002 NEWP_T1	6	7	1	0.78	0.69	-0.09	-0.16	-0.17	0	0	0	0	0	0
11/20/2023 9:53	64101 REFR_T1	0	0	0	0	0	0	-0.09	-0.08	0	0	0	0	0	0
11/20/2023 9:54	29401 BELT_T1	43	63	20	0.21	0.26	0.05	0	0	1	1	0	900	900	0
11/20/2023 9:54	55002 NEWP_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/20/2023 9:55	53501 EVIL_T2	3	5	2	0.63	0.4	-0.23	-0.83	-0.77	2	2	0	1200	1200	0
11/20/2023 9:56	54501 ENOL_T2	0	2	2	0	0.15	0.15	-0.53	-0.53	1	1	0	600	600	0
11/20/2023 9:56	43001 ALWD_T1	1	1	0	0.1	0.2	0.1	0	0	0	0	0	0	0	0
11/20/2023 9:56	53501 EVIL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/20/2023 9:58	53501 EVIL_T2	3	5	2	0.63	0.4	-0.23	-1.53	-1.51	4	4	0	2400	2400	0
11/20/2023 9:58	45002 LIME_2	1	0	-1	0.4	0	-0.4	0	0	0	0	0	0	0	0
11/20/2023 9:59	45001 LIME_2	24	7	-17	0.39	0.17	-0.22	0	0	0	0	0	0	0	0
11/20/2023 9:59	54501 ENOL_T2	0	2	2	0	0.15	0.15	-0.53	-0.53	1	1	0	600	600	0
11/20/2023 9:59	22901 HARW_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/20/2023 10:00	45001 LIME_2	7	1	-6	0.17	0.1	-0.07	0	0	0	0	0	0	0	0
11/20/2023 10:00	29401 BELT_T1	48	63	15	0.18	0.26	0.08	0	0	1	1	0	900	900	0
11/20/2023 10:03	60501 NMAN_T2	3	3	0	4.5	5	0.5	0	0	0	0	0	0	0	0
11/20/2023 10:03	40602 PIGR_T1	1	1	0	0.1	0.3	0.2	0	0	0	0	0	0	0	0
11/20/2023 10:03	54001 SDLE_T1	5	5	0	0.54	0.68	0.14	0	0	0	0	0	0	0	0
11/20/2023 10:03	43201 MVIL_T2	0	0	0	0	0	0	-1.17	-1.17	0	0	0	0	0	0
11/20/2023 10:04	57403 SPAN_T1	40	105	65	0.3	0.39	0.09	0	0	0	0	0	0	0	0
11/20/2023 10:05	56501 ROCK_T2	1	1	0	2.3	0	-2.3	0	0	0	0	0	0	0	0
11/20/2023 10:05	57401 SPAN_T1	43	24	-19	0.21	0.34	0.13	-1.11	-1.1	1	1	0	600	600	0
11/20/2023 10:06	56802 BENV_T2	97	38	-59	0.2	0.21	0.01	-1.29	-1.34	0	0	0	0	0	0
11/20/2023 10:06	57401 SPAN_T1	43	24	-19	0.21	0.34	0.13	-1.11	-1.1	1	1	0	600	600	0
11/20/2023 10:06	54001 SDLE_T1	5	5	0	0.54	0.68	0.14	0	0	0	0	0	0	0	0
11/20/2023 10:07	10801 CHHI_T1	0	1	1	0	0	0	-0.83	-0.8	1	1	0	900	900	0
11/20/2023 10:07	48901 FOSP_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/20/2023 10:08	57401 SPAN_T1	43	24	-19	0.21	0.34	0.13	-1.11	-1.1	1	1	0	600	600	0
11/20/2023 10:08	56802 BENV_T2	97	38	-59	0.2	0.21	0.01	-1.29	-1.34	0	0	0	0	0	0
11/20/2023 10:08	43001 ALWD_T1	1	0	-1	0.2	0	-0.2	0	0	0	0	0	0	0	0
11/20/2023 10:09	57401 SPAN_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/20/2023 10:10	54505 ENOL_T2	1	1	0	1	1	0	0	0	0	0	0	0	0	0
11/20/2023 10:10	42701 AUGU_T1	0	4	4	0	0	0	0	0	4	4	0	3600	3600	0
11/20/2023 10:10	56803 BENV_T1	4	3	-1	0.7	0.67	-0.03	0	0	0	0	0	0	0	0
11/20/2023 10:10	56802 BENV_T2	97	38	-59	0.2	0.21	0.01	-1.29	-1.34	0	0	0

11/20/2023 10:39	46203 DANV_T2	0	2	2	0	0.45	0.45	0	0	0	0	0	0	0	0
11/20/2023 10:40	54505 ENOL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/20/2023 10:40	16302 ALPA_T2	0	3	3	0	0.3	0.3	-0.56	-0.59	0	0	0	0	0	0
11/20/2023 10:41	54502 ENOL_T2	1	1	0	0.7	0.8	0.1	-2.04	-2.09	1	1	0	600	600	0
11/20/2023 10:41	57403 SPAN_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/20/2023 10:42	40101 HUNT_T2	73	193	120	0.43	0.37	-0.06	-0.36	-0.43	0	0	0	0	0	0
11/20/2023 10:43	54502 ENOL_T2	1	1	0	0.7	0.8	0.1	-4.08	-4.18	2	2	0	1200	1200	0
11/20/2023 10:43	46801 HEPB_T2	1	2	1	0.2	0.15	-0.05	0.65	0.63	0	0	0	0	0	0
11/20/2023 10:45	46802 HEPB_T1	73	148	75	0.24	0.3	0.06	0	0	0	0	0	0	0	0
11/20/2023 10:46	47001 HUGH_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/20/2023 10:46	44301 BEAV_T2	2	6	4	0.9	0.62	-0.28	0.36	0.61	2	2	0	1500	1500	0
11/20/2023 10:47	45702 LIND_T2	0	1	1	0	0.5	0.5	-0.38	-0.36	0	0	0	0	0	0
11/20/2023 10:47	47002 HUGH_T2	0	2	2	0	0.15	0.15	0	0	0	0	0	0	0	0
11/20/2023 10:48	52502 PROG_T2	0	1	1	0	0.3	0.3	-0.66	-0.62	1	1	0	900	900	0
11/20/2023 10:48	13302 ORVI_T2	2	3	1	0.4	0.37	-0.03	1.08	1.05	0	0	0	0	0	0
11/20/2023 10:49	65001 NEFF_T2	0	0	0	0	0	0	-0.39	-0.41	1	1	0	1200	1200	0
11/20/2023 10:49	57401 SPAN_T1	25	88	63	0.32	0.26	-0.06	-0.98	-1.05	1	1	0	600	600	0
11/20/2023 10:49	57401 SPAN_T1	25	88	63	0.32	0.26	-0.06	-0.98	-1.05	1	1	0	600	600	0
11/20/2023 10:49	52502 PROG_T2	0	1	1	0	0.3	0.3	-0.66	-0.62	1	1	0	900	900	0
11/20/2023 10:49	40602 PIGR_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/20/2023 10:50	40602 PIGR_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/20/2023 10:50	44901 SCOT_T2	0	0	0	0	0	0	-0.02	-0.08	0	0	0	0	0	0
11/20/2023 10:50	66703 STRA_T1	3	21	18	0.37	0.29	-0.08	-0.04	-0.06	0	0	0	0	0	0
11/20/2023 10:50	52502 PROG_T2	0	1	1	0	0.3	0.3	-0.66	-0.62	1	1	0	900	900	0
11/20/2023 10:51	43304 WATS_T2	1	0	-1	0.4	0	-0.4	0	-0.08	0	0	0	0	0	0
11/20/2023 10:52	29402 BELT_T1	1	1	0	7.2	7.3	0.1	0	0	0	0	0	0	0	0
11/20/2023 10:52	48902 FOSP_T2	0	0	0	0	0	0	-0.47	-0.43	0	0	0	0	0	0
11/20/2023 10:52	42701 AUGU_T1	0	0	0	0	0	0	0	0	2	2	0	1800	1800	0
11/20/2023 10:53	57403 SPAN_T1	101	140	39	0.39	0.43	0.04	0.12	0.13	0	0	0	0	0	0
11/20/2023 10:53	27502 WEIS_T2	0	0	0	0	0	0	-0.44	-0.43	0	0	0	0	0	0
11/20/2023 10:53	57403 SPAN_T1	101	140	39	0.39	0.43	0.04	0.12	0.13	0	0	0	0	0	0
11/20/2023 10:54	60201 ATGL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/20/2023 10:54	55105 WERT_T1	0	0	0	0	0	0	-0.66	-0.65	1	1	0	900	900	0
11/20/2023 10:55	29402 BELT_T1	1	1	0	7.2	7.3	0.1	0	0	0	0	0	0	0	0
11/20/2023 10:55	43304 WATS_T2	1	0	-1	0.4	0	-0.4	0	0	0	0	0	0	0	0
11/20/2023 10:55	46004 BERW_T2	1	0	-1	0.5	0	-0.5	0	0	0	0	0	0	0	0
11/20/2023 10:57	54504 ENOL_T2	0	1	1	0	0.3	0.3	0	0	0	0	0	0	0	0
11/20/2023 10:57	67502 WEWI_T2	1	1	0	0.6	1.1	0.5	0	0	0	0	0	0	0	0
11/20/2023 10:58	46802 HEPB_T1	73	148	75	0.24	0.3	0.06	-1.19	-1.19	0	0	0	0	0	0
11/20/2023 10:59	40101 HUNT_T2	193	127	-66	0.42	0.4	-0.02	-0.86	-0.7	0	0	0	0	0	0
11/20/2023 10:59	54502 ENOL_T2	1	2	1	0.8	0.45	-0.35	-2.09	-2.04	1	1	0	600	600	0
11/20/2023 11:00	26401 INOR_T1	1	2	1	0.3	0.25	-0.05	0	0	0	0	0	0	0	0
11/20/2023 11:01	40101 HUNT_T2	115	95	-20	0.43	0.41	-0.02	-0.43	-0.35	0	0	0	0	0	0
11/20/2023 11:02	44601 SALE_T2	0	0	0	0	0	0	1.25	0.41	1	1	0	600	600	0
11/20/2023 11:04	57401 SPAN_T1	22	105	83	0.29	0.31	0.02	-1.05	-1.09	1	1	0	600	600	0
11/20/2023 11:05	43301 WATS_T2	0	0	0	0	0	0	-0.53	-0.55	1	1	0	900	900	0
11/20/2023 11:06	43301 WATS_T2	0	0	0	0	0	0	-0.53	-0.55	1	1	0	900	900	0
11/20/2023 11:06	44601 SALE_T2	0	0	0	0	0	0	1.25	0.41	1	1	0	600	600	0
11/20/2023 11:06	56802 BENV_T2	160	148	-12	0.26	0.21	-0.05	-1.33	-1.3	0	0	0	0	0	0
11/20/2023 11:06	57403 SPAN_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/20/2023 11:07	20402 ASHF_T2	1	1	0	0.1	0.3	0.2	0	0	0	0	0	0	0	0
11/20/2023 11:07	43301 WATS_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/20/2023 11:07	56802 BENV_T2	160	148	-12	0.26	0.21	-0.05	-1.33	-1.3	0	0	0	0	0	0
11/20/2023 11:08	59102 WALK_T2	0	1	1	0	0.2	0.2	0	0	0	0	0	0	0	0
11/20/2023 11:08	43301 WATS_T2	0	0	0	0	0	0	-0.53	-0.55	1	1	0	900	900	0
11/20/2023 11:08	20402 ASHF_T2	1	1	0	0.1	0.3	0.2	0	0	0	0	0	0	0	0
11/20/2023 11:09	59101 WALK_T2	2	3	1	0.2	0.75	0.55	2.03	2.15	1	1	0	600	600	0
11/20/2023 11:10	54503 ENOL_T2	0	1	1	0	0.3	0.3	0	0	0	0	0	0	0	0
11/20/2023 11:10	43301 WATS_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/20/2023 11:10	56802 BENV_T2	160	148	-12	0.26	0.21	-0.05	-1.33	-1.3	0	0	0	0	0	0
11/20/2023 11:11	44301 BEAV_T2	5	6	1	0.62	0.54	-0.08	0.59	0.4	2	2	0	1500	1500	0
11/20/2023 11:11	56802 BENV_T2	160	148	-12	0.26	0.21	-0.05	-3.9	-3.93	0	0	0	0	0	0
11/20/2023 11:11	54505 ENOL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/20/2023 11:12	54503 ENOL_T2	0	1	1	0	0.3	0.3	0	0	0	0	0	0	0	0
11/20/2023 11:12	54505 ENOL_T2	1	2	1	1.2	1.3	0.1	0	0	0	0	0	0	0	0
11/20/2023 11:12	56802 BENV_T2	160	148	-12	0.26	0.21	-0.05	-1.3	-1.31	0	0	0	0	0	0
11/20/2023 11:13	54501 ENOL_T2	0	2	2	0	0.15	0.15	-0.54	-0.54	1	1	0	600	600	0
11/20/2023 11:13	28403 HART_T2	0	0	0	0	0	0	-0.77	-0.74	1	1	0	900	900	0
11/20/2023 11:14	46901 MNTG_T2	0	0	0	0	0	0	1.74	1.79	0	0	0	0	0	0
11/20/2023 11:14	52403 GRPA_T2	5	7	2	0.2	0.56	0.36	0	0.05	0	0	0	0	0	0
11/20/2023 11:14	64802 MONE_T2	22	26	4	0.31	0.33	0.02	0.14	0.01	0	0	0	0	0	0
11/20/2023 11:15	26401 INOR_T1	2	1	-1	0.25	0.5	0.25	0	0	0	0	0	0	0	0
11/20/2023 11:16	60504 NMAN_T2	2	10	8	0.35	0.3	-0.05	0	0	0	0	0	0	0	0
11/20/2023 11:17	54206 PENN_T2	2	4	2	0.35	0.25	-0.1	0	0	0	0	0	0	0	0
11/20/2023 11:17	46901 MNTG_T2	0	1	1	0	0.1	0.1	0	0	0	0	0	0	0	0
11/20/2023 11:17	56501 ROCK_T2	2	2	0	0.15	0.25	0.1	0	0	0	0	0	0	0	0
11/20/2023 11:18	56504 ROCK_T2	0	4	4	0	0.33	0.33	-0.68	-0.74	0	0	0	0	0	0
11/20/2023 11:18	40601 PIGR_T1	6	46	40	0.3	0.23	-0.07	0	0	0	0	0	0	0	0
11/20/2023 11:19	67001 STHI_T2	13	224	211	0.28	0.13	-0.15	0	0	0	0	0	0	0	0
11/20/2023 11:19	64101 REFR_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/20/2023 11:20	67502 WEWI_T2	1	2	1	1.1	0.5	-0.6	0	0	0	0	0	0	0	0
11/20/2023 11:20	67002 STHI_T2	17	43	26	0.29	0.31	0.02	1.28	1.24	0	0	0	0	0	0
11/20/2023 11:21	16301 ALPA_T1	10	6	-4	0.22	0.23	0.01	-0.4	-0.38	0	0	0	0	0	0
11/20/2023 11:21	64101 REFR_T1	0	0	0	0	0	0	-0.08	-0.2	0	0	0	0	0	0
11/20/2023 11:21	57403 SPAN_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/20/2023 11:21	67001 STHI_T2	13	224	211	0.28	0.13	-0.15	0.09	0.12	0	0	0	0	0	0
11/20/2023 11:21	40603 PIGR_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/20/2023 11:22	64101 REFR_T1	0	0	0	0	0	0	-0.08	-0.2	0	0	0	0	0	0
11/20/2023 11:22	54206 PENN_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/20/2023 11:22	67502 WEWI_T2	1	2	1	1.1	0.5	-0.6	0	0	0	0	0	0	0	0
11/20/2023 11:22	45303 WBER_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/20/2023 11:22	51302 WIND_T2	1	2	1	0.2	0.15	-0.05	0	0	0	0	0	0	0	0
11/20/2023 11:22	67002 STHI_T2	17	43	26	0.29	0.31	0.02	1.28	1.24	0	0	0	0	0	0
11/20/2023 11:23	45303 WBER_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/20/2023 11:23	16301 ALPA_T1	10	6	-4	0.22	0.23	0.01	-0.4	-0.38	0	0	0	0	0	0
11/20/2023 11:23	67001 STHI_T2	13	224	211	0.28	0.13	-0.15	0	0	0	0	0	0	0	0
11/20/2023 11:23	64101 REFR_T1	0	0	0	0	0	0	-0.08	-0.2	0	0	0	0	0	0
11/20/2023 11:23	11901 SEID_T1	0	0	0	0	0	0	0.19	0.2	0	0	0	0	0	0
11/20/2023 11:24	16301 ALPA_T1	10	6	-4	0.22	0.23	0.01	-0.4	-0.38	0	0	0	0	0	0
11/20/2023 11:24	64101 REFR_T1	0	0	0	0	0	0	-0.08	-0.2	0	0	0	0	0	0
11/20/2023 11:24	67605 WARW_T1	3	20	17	0.43	0.29	-0.14	-1.33	-1.31	0	0	0	0	0	0
11/20/2023 11:25	56501 ROCK_T2	2	2	0	0.15	0.25	0.1	0	0	0	0	0	0	0	0
11/20/2023 11:25	44801 EDAN_T2	0	1	1	0	0	0	0	0	0	0	0	0	0	0
11/20/2023 11:25	67503 WEWI_T2	0	0	0	0	0	0	-0.35	-0.36	0	0	0	0	0	0
11/20/2023 11:26	24105 EHAZ_T1	4	5	1	6.83	6.75	-0.08	0	0	0	0	0	0	0	0
11/20/2023 11:26	44301 BEAV_T2	5	6	1	0.64	0.5	-0.14	0.4	0.53	2	2	0	1500	1500	0
11/20/2023 11:27	66502 SMAN_T2	1	4	3	0.3	0.15	-0.15	0	0	0	0	0	0	0	0
11/20/2023 11:27	44802 EDAN_T2	0	0	0	0	0	0	-2.22	-0.94	1	0	-1	1200	0	-1200
11/20/2023 11:27	45303 WBER_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/20/2023 11:28	44802 EDAN_T2	0	0	0	0	0	0	-2.22	-0.94	1	0	-1	1200	0	-1200
11/20/2023 11:28	54503 ENOL_T2	1	1	0	0.3	0.1	-0.2	0	0	0	0	0	0	0	0
11/20/2023 11:28	43402 BENT_T1	0	1	1	0	0.1	0.1	-1.42	-1.32	2	2	0	1500	1500	0
11/20/2023 11:28	61801 EELI_T2	0	0	0	0	0	0	-0.38	-0.32	0	0	0	0	0	0
11/20/2023 11:29	64802 MONE_T2	22	24	2	0.36	0.3	-0.06	0	0	0	0	0	0	0	0
11/20/2023 11:29	43402 BENT_T1	0	1	1	0	0.1	0.1	-1.42	-1.32	2	2	0	1500	1500	0
11/20/2023 11:30	16301 ALPA_T1	5	6	1	0.26	0.22	-0.04	-0.38	-0.38	0	0	0	0	0	0
11/20/2023 11:31	45003 LIME_2	1	1	0	4.3	4.1	-0.2	0	0	2	2	0	2400	2400	0
11/20/2023 11:31	64801 MONE_T2	2	3	1	0.25	0.4	0.15	0	0	0	0	0	0	0	0
11/20/2023 11:31	65001 NEFF_T2	0	0	0	0	0	0	-0.48	-0.39	1	1	0	1200	1200	0
11/20/2023 11:32	52502 PROG_T2	0	1	1	0	0.1	0.1	-0.67	-0.69	1	1	0	900	900	0
11/20/2023 11:32	64101 REFR_T1	0	0	0	0	0	0	-0.2	-0.13	0	0	0	0	0	0
11/20/2023 11:33	52002 LING_T2	0	1	1	0	0.6	0.6	0	0	0	0	0	0	0	0
11/20/2023 11:33	64101 REFR_T1	0	0	0	0	0	0	-0.2	-0.13	0	0	0	0	0	0
11/20/2023 11:34	52502 PROG_T2	0	1	1	0	0.1	0.1	-0.67	-0.69	1	1	0	900	900	0
11/20/2023 11:36	52502 PROG_T2	0	1	1	0	0.1	0.1	-0.67	-0.69	1	1	0	900	900	0
11/20/2023 11:36	64101 REFR_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/20/2023 11:36	42801 SELI_T1	1	1	0	0	0	0	0	0	0	0	0	0	0	0
11/20/2023 11:37	42801 SELI_T1	1	1	0	0	0	0	0	0	0	0	0	0	0	0
11/20/2023 11:37	64101 REFR_T1	0	0	0	0	0	0	-0.39	-0.26	0	0	0	0	0	0
11/20/2023 11:40	60101 COCA_T1	0	2	2	0	0.2	0.2	0.4	0.38	0	0	0	0	0	0
11/20/2023 11:41	54501 ENOL_T2	0	0	0	0	0	0	-0.54	-0.54	1	1	0	600	600	0
11/20/2023 11:42	40902 JESH_T1	0	0	0	0	0	0	-0.91	-0.98	1	1	0	600	600	0
11/20/2023 11:42	60101 COCA_T1	0	2	2	0	0.2	0.2	0.38	0.35	0	0	0	0	0	0
11/20/2023 11:42	40101 HUNT_T2	19	20	1	0.44	0.3	-0.14	-0.74	-1.36	0	0	0	0	0	0
11/20/2023 11:43	54501 ENOL_T2	0	0	0	0	0	0	-0.54	-0.54	1	1	0	600	600	0
11/20/2023 11:43	56501 ROCK_T2	2	2	0	0.2	0.25	0.05	0	0	0	0	0	0	0	0
11/20/2023 11:44	45001 LIME_2	1	11	10	0.4	0.2	-0.2	0	0	0	0	0	0	0	0
11/20/2023 11:44	28403 HART_T2	0	0	0	0	0	0	-0.73	-0.77	1	1	0	900	900	0
11/20/2023 11:44	52402 GRPA_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/20/2023 11:44	22901 HARW_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/20/2023 11:45	45001 LIME_2	3	26	23	0.33	0.38	0.05	0	0	0	0	0	0	0	0
11/20/2023 11:45	40101 HUNT_T2	20	1	-19	0.52	0	-0.52	-0.37	-0.68	0	0	0	0	0	0
11/20/2023 11:45	52402 GRPA_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/20/2023 11:45	54504 ENOL_T2	1	0	-1	0.4	0	-0.4	0	0	0	0	0	0	0	0
11/20/2023 11:46	47402 PENS_T1	0	1	1	0	0.2	0.2	0	0	0	0	0	0	0	0
11/20/2023 11:46	40101 HUNT_T2	20	1	-19	0.52	0	-0.52	-0.37	-0.68	0	0	0	0	0	0
11/20/2023 11:47	65003 NEFF_T2	3	2	-1	0.23	0.4	0.17	0	0	0	0	0	0	0	0
11/20/2023 11:47	47402 PENS_T1	0	1	1	0	0.2	0.2	0	0	0	0	0	0	0	0
11/20/2023 11:47	45001 LIME_2	3	26	23	0.33	0.38	0.05	0	0	0	0	0	0	0	0
11/20/2023 11:47	45002 LIME_2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/20/2023 11:47	40101 HUNT_T2	20	1	-19	0.52	0	-0.52	-0.37	-0.68	0	0	0	0	0	0
11/20/2023 11:48	47402 PENS_T1	0	1	1	0	0.2	0.2	0	0	0	0	0	0	0	0
11/20/2023 11:48	40603 PIGR_T1	2	2	0	0.95	0.55	-0.4	0.37	0.37	0	0	0	0	0	0
11/20/2023 11:49	52403 GRPA_T2	7	7	0	0.74	0.51	-0.23	0.06	0.26	0	0	0	0	0	0
11/20/2023 11:49	64101 REFR_T1	0	0	0	0	0	0	-0.13	-0.12	0	0	0	0	0	0
11/20/2023 11:50	47401 PENS_T1	1	1	0	0.4	1.2	0.8	2.52	2.4	0	0	0	0	0	0
11/20/2023 11:50	64101 REFR_T1	0	0	0	0	0	0	-0.13	-0.12	0	0	0	0	0	0
11/20/2023 11:51	67502 WEWI_T2	2	3	1	0.5	0.5	0	-0.2	-0.22	0	0	0	0	0	0
11/20/2023 11:51	40603 PIGR_T1	2	2	0	0.95	0.55	-0.4	0.37	0.37	0	0	0	0	0	0
11/20/2023 11:51	67001 STHI_T2	224	117	-107	0.13	0.15	0.02	0	0	0	0	0	0	0	0
11/20/2023 11:51	47401 PENS_T1	1	1	0	0.4	1.2	0.8	0.84	0.8	0	0	0	0	0	0
11/20/2023 11:51	60201 ATGL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/20/2023 11:51	64101 REFR_T1	0	0	0	0	0	0	-0.13	-0.12	0	0	0	0	0	0
11/20/2023 11:52	66504 SMAN_T2	2	1	-1	0.25	0.6	0.35	-0.56	-0.49	0	0	0	0	0	0
11/20/2023 11:52	45003 LIME_2	1	1	0	4.1	3.9	-0.2	0	0	1	1	0	1200	1200	0
11/20/2023 11:52	42802 SELI_T1	0	1	1	0	0.2	0.2	-2.1	-2.02	0	1	1	0	900	900
11/20/2023 11:52	52403 GRPA_T2	7	7	0	0.74	0.51	-0.23	0.06	0.26	0	0	0	0	0	0
11/20/2023 11:52	67502 WEWI_T2	2	3	1	0.5	0.5	0	0	0	0	0	0	0	0	0
11/20/2023 11:52	67503 WEWI_T2	0	0	0	0	0	0	-0.34	-0.36	0	0	0	0	0	0
11/20/2023 11:52	64101 REFR_T1	0	0	0	0	0	0	-0.13	-0.12	0	0	0	0	0	0
11/20/2023 11:53	67505 WEWI_T1	3	2	-1	0.2	0.2	0	0	0	0	0	0	0	0	0
11/20/2023 11:53	67001 STHI_T2	224	117	-107	0.13	0.15	0.02	0	0	0	0	0	0	0	0
11/20/2023 11:53	67502 WEWI_T2	2	3	1	0.5	0.5	0	-0.4	-0.44	0	0	0	0	0	0
11/20/2023 11:54	67502 WEWI_T2	2	3	1	0.5	0.5	0	-0.2	-0.22	0	0	0	0	0	0
11/20/2023 11:54	67501 WEWI_T1	1	1	0	0.2	0.2	0	-0.52	-0.49	0	0	0	0	0	0
11/20/2023 11:54	67502 WEWI_T2	2	3	1	0.5	0.5	0	-0.2	-0.22	0	0	0	0	0	0
11/20/2023 11:55	42701 AUGU_T1	0	0	0	0	0	0	0	0	2	2	0	1800	1800	0
11/20/2023 11:55	67502 WEWI_T2	2	3	1	0.5	0.5	0	-0.2	-0.22	0	0

11/20/2023 12:57	22901 HARW_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/20/2023 13:10	60201 ATGL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/20/2023 13:14	45002 LIME_2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/20/2023 13:32	59301 MCAL_T1	2	3	1	0.3	0.43	0.13	0	0	0	0	0	0	0	0
11/20/2023 13:33	54206 PENN_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/20/2023 13:43	65001 NEFF_T2	0	0	0	0	0	0	-0.49	-0.73	1	1	0	1200	1200	0
11/20/2023 13:43	63804 HEMP_T1	1	1	0	6.3	6.1	-0.2	0.96	0.95	0	0	0	0	0	0
11/20/2023 13:45	11804 FRAN_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/20/2023 13:48	67001 STHI_T2	85	514	429	0.12	0.19	0.07	0.06	0.07	0	0	0	0	0	0
11/20/2023 13:48	59302 MCAL_T1	0	1	1	0	0	0	-0.18	-0.1	1	1	0	600	600	0
11/20/2023 13:50	66902 SHIL_T2	1	20	19	0.1	0.1	0	0	0	0	0	0	0	0	0
11/20/2023 13:50	67002 STHI_T2	17	76	59	0.34	0.18	-0.16	0.62	0.62	0	0	0	0	0	0
11/20/2023 13:51	67001 STHI_T2	85	514	429	0.12	0.19	0.07	0	0	0	0	0	0	0	0
11/20/2023 13:52	67002 STHI_T2	17	76	59	0.34	0.18	-0.16	0.62	0.62	0	0	0	0	0	0
11/20/2023 13:58	65003 NEFF_T2	1	6	5	0.1	0.3	0.2	0	0	0	0	0	0	0	0
11/20/2023 14:00	22901 HARW_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/20/2023 14:05	66902 SHIL_T2	1	19	18	0.1	0.1	0	0	0	0	0	0	0	0	0
11/20/2023 14:05	51302 WIND_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/20/2023 14:06	45902 AUBU_T1	0	0	0	0	0	0	-0.8	-0.86	1	1	0	600	600	0
11/20/2023 14:06	51302 WIND_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/20/2023 14:07	45902 AUBU_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/20/2023 14:08	51004 NHAR_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/20/2023 14:08	44301 BEAV_T2	0	0	0	0	0	0	-0.01	0.23	4	4	0	3000	3000	0
11/20/2023 14:09	46203 DANV_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/20/2023 14:09	44301 BEAV_T2	0	0	0	0	0	0	-0.01	0.11	2	2	0	1500	1500	0
11/20/2023 14:10	45902 AUBU_T1	0	0	0	0	0	0	-1.59	-1.72	2	2	0	1200	1200	0
11/20/2023 14:10	51302 WIND_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/20/2023 14:12	46203 DANV_T2	0	0	0	0	0	0	-0.14	-0.06	0	0	0	0	0	0
11/20/2023 14:13	46203 DANV_T2	0	0	0	0	0	0	-0.14	-0.06	0	0	0	0	0	0
11/20/2023 14:15	46203 DANV_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/20/2023 14:16	63404 HONY_T1	4	9	5	4	1.81	-2.19	0	0	0	0	0	0	0	0
11/20/2023 14:16	65004 NEFF_T2	0	0	0	0	0	0	-0.51	-0.51	0	0	0	0	0	0
11/20/2023 14:16	54206 PENN_T2	3	8	5	0.17	0.2	0.03	0	0	0	0	0	0	0	0
11/20/2023 14:16	22901 HARW_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/20/2023 14:17	13302 ORVI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/20/2023 14:17	58402 MORO_T1	0	0	0	0	0	0	-0.97	-1.06	2	2	0	1500	1500	0
11/20/2023 14:18	14403 SSLA_T1	0	0	0	0	0	0	0.83	0.78	0	0	0	0	0	0
11/20/2023 14:18	13302 ORVI_T2	3	2	-1	4.63	0.95	-3.68	1.06	1.01	0	0	0	0	0	0
11/20/2023 14:19	64802 MONE_T2	0	0	0	0	0	0	-0.01	0.01	0	0	0	0	0	0
11/20/2023 14:20	54204 PENN_T2	1	1	0	0.3	0.3	0	0	0	0	0	0	0	0	0
11/20/2023 14:20	40603 PIGR_T1	0	0	0	0	0	0	0.36	0.33	0	0	0	0	0	0
11/20/2023 14:22	52402 GRPA_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/20/2023 14:22	45902 AUBU_T1	0	0	0	0	0	0	-0.86	-0.77	1	1	0	600	600	0
11/20/2023 14:23	46203 DANV_T2	0	0	0	0	0	0	-0.14	-0.06	0	0	0	0	0	0
11/20/2023 14:24	45902 AUBU_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/20/2023 14:24	44301 BEAV_T2	0	0	0	0	0	0	0.11	-0.95	2	2	0	1500	1500	0
11/20/2023 14:24	46203 DANV_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/20/2023 14:24	52403 GRPA_T2	0	0	0	0	0	0	0.05	-0.03	0	0	0	0	0	0
11/20/2023 14:25	54501 ENOL_T2	4	4	0	0.2	0.4	0.2	0	0	0	0	0	0	0	0
11/20/2023 14:25	44301 BEAV_T2	0	0	0	0	0	0	0.11	-0.95	2	2	0	1500	1500	0
11/20/2023 14:25	66505 SMAN_T2	3	3	0	0.47	0.57	0.1	0	0	0	0	0	0	0	0
11/20/2023 14:25	45902 AUBU_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/20/2023 14:26	52402 GRPA_T2	20	22	2	2.59	1.16	-1.43	0	0	0	0	0	0	0	0
11/20/2023 14:26	46203 DANV_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/20/2023 14:28	26401 INOR_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/20/2023 14:28	54502 ENOL_T2	0	0	0	0	0	0	-1.36	-1.25	0	0	0	0	0	0
11/20/2023 14:28	47901 HRDG_T1	0	0	0	0	0	0	0.85	1.11	0	0	0	0	0	0
11/20/2023 14:30	42002 MNVL_T2	1	1	0	6	5.9	-0.1	0	0	0	0	0	0	0	0
11/20/2023 14:31	65003 NEFF_T2	5	4	-1	0.2	0.23	0.03	0	0	0	0	0	0	0	0
11/20/2023 14:32	54502 ENOL_T2	1	1	0	0	0.1	0.1	0	0	0	0	0	0	0	0
11/20/2023 14:32	13302 ORVI_T2	2	0	-2	0.95	0	-0.95	1.01	1.04	0	0	0	0	0	0
11/20/2023 14:32	47901 HRDG_T1	0	0	0	0	0	0	0.85	1.11	0	0	0	0	0	0
11/20/2023 14:33	64301 LINC_T1	0	0	0	0	0	0	0.36	0.36	0	0	0	0	0	0
11/20/2023 14:34	64802 MONE_T2	0	0	0	0	0	0	0.01	-0.01	0	0	0	0	0	0
11/20/2023 14:35	54601 SUMM_T2	13	13	0	0.96	0.89	-0.07	-1.94	-1.93	2	2	0	2100	2100	0
11/20/2023 14:35	67502 WEWI_T2	0	0	0	0	0	0	-0.43	-0.39	0	0	0	0	0	0
11/20/2023 14:36	52501 PROG_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/20/2023 14:36	67502 WEWI_T2	0	0	0	0	0	0	-0.43	-0.39	0	0	0	0	0	0
11/20/2023 14:36	67503 WEWI_T2	0	0	0	0	0	0	-0.36	-0.34	0	0	0	0	0	0
11/20/2023 14:36	54601 SUMM_T2	13	13	0	0.96	0.89	-0.07	-1.94	-1.93	2	2	0	2100	2100	0
11/20/2023 14:37	55002 NEWP_T1	4	6	2	0.58	0.63	0.05	-0.21	-0.18	0	0	0	0	0	0
11/20/2023 14:37	52402 GRPA_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/20/2023 14:37	52502 PROG_T2	0	0	0	0	0	0	-0.72	-0.67	1	1	0	900	900	0
11/20/2023 14:38	46203 DANV_T2	0	0	0	0	0	0	-0.06	-0.11	0	0	0	0	0	0
11/20/2023 14:38	45902 AUBU_T1	0	0	0	0	0	0	-0.77	-0.76	1	1	0	600	600	0
11/20/2023 14:38	52402 GRPA_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/20/2023 14:38	67502 WEWI_T2	0	0	0	0	0	0	-0.43	-0.39	0	0	0	0	0	0
11/20/2023 14:39	54601 SUMM_T2	13	13	0	0.96	0.89	-0.07	-1.94	-1.93	2	2	0	2100	2100	0
11/20/2023 14:39	54505 ENOL_T2	1	1	0	1.3	1.2	-0.1	0	0	0	0	0	0	0	0
11/20/2023 14:39	67502 WEWI_T2	0	0	0	0	0	0	-0.43	-0.39	0	0	0	0	0	0
11/20/2023 14:39	45502 DERR_T2	1	3	2	0.6	0.7	0.1	0	0	0	0	0	0	0	0
11/20/2023 14:39	45902 AUBU_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/20/2023 14:39	55002 NEWP_T1	4	6	2	0.58	0.63	0.05	-0.21	-0.18	0	0	0	0	0	0
11/20/2023 14:40	52403 GRPA_T2	0	0	0	0	0	0	-0.03	0	0	0	0	0	0	0
11/20/2023 14:40	67503 WEWI_T2	0	0	0	0	0	0	-0.36	-0.34	0	0	0	0	0	0
11/20/2023 14:40	67502 WEWI_T2	0	0	0	0	0	0	-0.43	-0.39	0	0	0	0	0	0
11/20/2023 14:40	45902 AUBU_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/20/2023 14:41	65001 NEFF_T2	0	0	0	0	0	0	-0.62	-0.61	1	1	0	1200	1200	0
11/20/2023 14:41	46203 DANV_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/20/2023 14:41	44301 BEAV_T2	0	0	0	0	0	0	-0.98	-0.68	2	2	0	1500	1500	0
11/20/2023 14:41	45902 AUBU_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/20/2023 14:42	45902 AUBU_T1	0	0	0	0	0	0	-0.76	-0.79	1	1	0	600	600	0
11/20/2023 14:42	45501 DERR_T2	3	3	0	0.27	0.3	0.03	0.64	0.63	2	2	0	1800	1800	0
11/20/2023 14:43	54502 ENOL_T2	0	1	1	0	0.1	0.1	0	0	0	0	0	0	0	0
11/20/2023 14:43	46203 DANV_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/20/2023 14:44	50501 MECH_T1	4	4	0	1.7	1.73	0.03	0	0	0	0	0	0	0	0
11/20/2023 14:45	46801 HEPB_T2	2	2	0	0.5	0.55	0.05	0.61	0.61	0	0	0	0	0	0
11/20/2023 14:46	40101 HUNT_T2	5	2	-3	0.26	0.3	0.04	-0.63	-0.65	0	0	0	0	0	0
11/20/2023 14:46	65003 NEFF_T2	4	4	0	0.23	0.25	0.02	0	0	0	0	0	0	0	0
11/20/2023 14:46	58402 MORO_T1	0	0	0	0	0	0	-2.08	-2.12	4	4	0	3000	3000	0
11/20/2023 14:47	58402 MORO_T1	0	0	0	0	0	0	-1.04	-1.06	2	2	0	1500	1500	0
11/20/2023 14:48	13302 ORVI_T2	0	0	0	0	0	0	1.04	1.05	0	0	0	0	0	0
11/20/2023 14:50	52502 PROG_T2	0	0	0	0	0	0	-1.33	-1.44	2	2	0	1800	1800	0
11/20/2023 14:52	43304 WATS_T2	0	0	0	0	0	0	-0.62	-0.7	0	0	0	0	0	0
11/20/2023 14:53	43304 WATS_T2	0	0	0	0	0	0	-0.42	-0.47	0	0	0	0	0	0
11/20/2023 14:54	61301 EARL_T1	0	1	1	0	0	0	0	0	0	0	0	0	0	0
11/20/2023 14:55	60201 ATGL_T2	0	0	0	0	0	0	0.08	0.11	1	1	0	300	300	0
11/20/2023 14:56	66505 SMAN_T2	3	3	0	0.53	0.6	0.07	0	0	0	0	0	0	0	0
11/20/2023 14:56	61303 EARL_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/20/2023 14:58	26401 INOR_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/20/2023 15:00	60604 NCOL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/20/2023 15:01	40101 HUNT_T2	2	5	3	0.2	0	-0.2	-0.65	-0.64	0	0	0	0	0	0
11/20/2023 15:05	60604 NCOL_T2	0	0	0	0	0	0	0.29	0.3	0	0	0	0	0	0
11/20/2023 15:06	40101 HUNT_T2	2	5	3	0.2	0	-0.2	-0.65	-0.64	0	0	0	0	0	0
11/20/2023 15:07	48902 FOSP_T2	0	1	1	0	0.4	0.4	0	0	0	0	0	0	0	0
11/20/2023 15:07	64101 REFR_T1	0	0	0	0	0	0	-0.15	-0.14	0	0	0	0	0	0
11/20/2023 15:12	40902 JESH_T1	0	0	0	0	0	0	-0.66	-0.68	0	0	0	0	0	0
11/20/2023 15:21	67901 WNHO_T2	0	0	0	0	0	0	0.13	0.11	0	0	0	0	0	0
11/20/2023 15:26	61303 EARL_T1	0	0	0	0	0	0	0.39	0.51	0	0	0	0	0	0
11/20/2023 15:28	61303 EARL_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/20/2023 15:37	42201 SHEN_T2	0	0	0	0	0	0	0.13	0.11	1	1	0	600	600	0
11/20/2023 15:38	42201 SHEN_T2	0	0	0	0	0	0	0.13	0.11	1	1	0	600	600	0
11/20/2023 15:38	46001 BERW_T1	0	0	0	0	0	0	1.11	1.03	0	0	0	0	0	0
11/20/2023 15:39	65001 NEFF_T2	18	6	-12	0.14	0.15	0.01	-0.74	-0.72	1	1	0	1200	1200	0
11/20/2023 15:39	46001 BERW_T1	0	0	0	0	0	0	1.11	1.03	0	0	0	0	0	0
11/20/2023 15:46	13302 ORVI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/20/2023 15:49	13302 ORVI_T2	2	192	190	0.1	0.2	0.1	0.78	0.78	0	0	0	0	0	0
11/20/2023 15:49	40603 PIGR_T1	0	1	0	0	0	0	0.39	0.39	0	0	0	0	0	0
11/20/2023 15:53	48901 FOSP_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/20/2023 15:53	14403 SSLA_T1	0	0	0	0	0	0	0.82	0.81	0	0	0	0	0	0
11/20/2023 16:07	49803 UNIV_T1	0	0	0	0	0	0	-1.18	-1.17	0	0	0	0	0	0
11/20/2023 16:09	15001 BLMO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/20/2023 16:10	44301 BEAV_T2	0	0	0	0	0	0	-0.72	-0.72	2	1	-1	1500	600	-900
11/20/2023 16:29	47001 HUGH_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/20/2023 16:30	54001 SDLE_T1	2	1	-1	0.5	0.9	0.4	0	0	0	0	0	0	0	0
11/20/2023 16:33	46903 MNTG_T2	0	0	0	0	0	0	-0.13	-0.1	1	1	0	600	600	0
11/20/2023 17:22	43001 ALWD_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/20/2023 17:52	49803 UNIV_T1	0	0	0	0	0	0	-1.12	-1.11	0	0	0	0	0	0
11/20/2023 17:54	43001 ALWD_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/20/2023 18:16	52502 PROG_T2	0	0	0	0	0	0	-0.59	-0.62	1	1	0	900	900	0
11/20/2023 18:21	54505 ENOL_T2	1	1	0	0.3	0.5	0.2	0	0	0	0	0	0	0	0
11/20/2023 18:26	43001 ALWD_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/20/2023 18:30	45501 DERR_T2	0	1	1	0	0	0	0.5	0.58	2	2	0	1800	1800	0
11/20/2023 18:33	67001 STHI_T2	1	1	0	0.3	0.5	0.2	0	0	0	0	0	0	0	0
11/20/2023 18:33	13302 ORVI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/20/2023 18:33	16302 ALPA_T1	0	0	0	0	0	0	-0.37	-0.37	0	0	0	0	0	0
11/20/2023 18:34	45303 WBER_T2	6	22	16	0.47	0.3	-0.17	0	0	0	0	0	0	0	0
11/20/2023 18:34	48901 FOSP_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/20/2023 18:36	67001 STHI_T2	1	1	0	0.3	0.5	0.2	0	0	0	0	0	0	0	0
11/20/2023 18:36	40101 HUNT_T2	191	255	64	0.62	0.7	0.08	-0.91	-0.87	0	0	0	0	0	0
11/20/2023 18:36	15001 BLMO_T1	2	1	-1	0.8	0	-0.8	0	0	0	0	0	0	0	0
11/20/2023 18:37	67001 STHI_T2	1	1	0	0.3	0.5	0.2	0	0	0	0	0	0	0	0
11/20/2023 18:37	40101 HUNT_T2	191	255	64	0.62	0.7	0.08	-0.91	-0.87	0	0	0	0	0	0
11/20/2023 18:37	44901 SCOT_T2	0	0	0	0	0	0	-0.84	-0.8	0	0	0	0	0	0
11/20/2023 18:37	46802 HEPB_T1	1	1	0	1.4	1.5	0.1	0	0	0	0	0	0	0	0
11/20/2023 18:38	29401 BELT_T1	98	100	2	0.45	0.45	0	0	0	0	0	0	0	0	0
11/20/2023 18:38	13901 SEID_T1	0	0	0	0	0	0	0.25	0.25	0	0	0	0	0	0
11/20/2023 18:38	48901 FOSP_T2	0	0	0	0	0	0	-0.38	-0.38	1	1	0	600	600	0
11/20/2023 18:38	16302 ALPA_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/20/2023 18:39	13302 ORVI_T2	17	26	9	0.29	0.27	-0.02	0.78	0.75	0	0	0	0	0	0
11/20/2023 18:39	49803 UNIV_T1	0	0	0	0	0	0	-1.1	-1.08	0	0	0	0	0	0
11/20/2023 18:39	45902 AUBU_T1	0	0	0	0	0	0	-0.91	-0.94	1	1	0	600	600	0
11/20/2023 18:39	27502 WEIS_T2	0	0	0	0	0	0	-0.45	-0.49	0	0	0	0	0	0
11/20/2023 18:39	26401 INOR_T1	0	1	1	0	0	0	0	0	0	0	0	0	0	0
11/20/2023 18:39	45303 WBER_T2	6	22	16	0.47	0.3	-0.17	0	0	0	0	0	0	0	0
11/20/2023 18:39	64301 LINC_T1	0	0	0	0	0	0	0.24	0.23	0	0	0	0	0	0
11/20/2023 18:39	16301 ALPA_T1	0	0	0	0	0	0	-0.37	-0.37	0	0	0	0	0	0
11/20/2023 18:39	67503 WEWI_T2	0	0	0	0	0	0	-0.23	-0.21	0	0	0	0	0	0
11/20/2023 18:39	46903 MNTG_T2	75	0	-75	0.18	0	-0.18	-0.27	-0.18	1	1	0	600	600	0
11/20/2023 18:39	28403 HART_T2	0	0	0	0	0	0	-0.6	-0.6	1	1	0	900	900	0
11/20/2023 18:40	67002 STHI_T2	0	0	0	0	0	0	0.54	0.53	0	0	0	0	0	0
11/20/2023 18:40	57403 SPAN_T1	1	1	0	0.1	0	-0.1	0.11	0.11	0	0	0	0	0	0
11/20/2023 18:40	45902 AUBU_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/20/2023 18:40	16302 ALPA_T2	0	0	0	0	0	0	-0.66	-0.66	0	0	0	0	0	0
11/20/2023 18:40	42201 SHEN_T2	0	0	0	0	0	0	0.11	0.09	1	1	0	600	600	0
11/20/2023 18:40	40101 HUNT_T2	191	255	64	0.62	0.7	0.08	-0.91	-0.87	0	0	0	0	0	0
11/20/2023 18:40	48901 FOSP_T2	0	0	0	0	0	0	-0.38	-0.38	1	1	0	600	600	0
11/20/2023 18:40	44901 SCOT_T2	0	0	0	0	0	0	-0.84	-0.8	0	0	0	0	0	0
11/20/2023 18:40	20403 ASHF_T2	1	0	-1	0.1	0	-0.1	0.43	0.45	0	0	0	0	0	0
11/20/2023 18:40	29402 BELT_T1	1	1	0	8.1	7.9	-0.2	0	0	0	0	0	0	0	0
11/20/2023 18:40	42701 AUGU_T1	1	0	-1	0.2	0	-0.2	0	0	2	2	0

11/20/2023 18:43	56802 BENV_T2	1	35	34	0.2	0.17	-0.03	-1.31	-1.33	0	0	0	0	0	0
11/20/2023 18:44	43304 WATS_T2	1	0	-1	0.2	0	-0.2	0	0	0	0	0	0	0	0
11/20/2023 18:44	54001 SDLE_T1	1	4	3	1.6	0.7	-0.9	0	0	0	0	0	0	0	0
11/20/2023 18:44	45502 DERR_T2	0	1	1	0	0	0	0	0	0	0	0	0	0	0
11/20/2023 18:44	67502 WEWI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/20/2023 18:44	44601 SALE_T2	0	0	0	0	0	0	0.36	0.25	1	1	0	600	600	0
11/20/2023 18:44	16302 ALPA_T2	0	0	0	0	0	0	-0.66	-0.6	0	0	0	0	0	0
11/20/2023 18:44	53501 EVIL_T2	0	1	1	0	0.3	0.3	-1.27	-1.28	2	2	0	1200	1200	0
11/20/2023 18:44	54501 ENOL_T2	0	0	0	0	0	0	-0.53	-0.54	1	1	0	600	600	0
11/20/2023 18:44	46802 HEPB_T1	1	1	0	1.4	1.5	0.1	-1.12	-1.15	0	0	0	0	0	0
11/20/2023 18:44	22901 HARW_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/20/2023 18:44	14403 SSLA_T1	0	0	0	0	0	0	0.92	0.89	0	0	0	0	0	0
11/20/2023 18:44	47001 HUGH_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/20/2023 18:45	60201 ATGL_T2	0	0	0	0	0	0	0.17	0.23	1	1	0	300	300	0
11/20/2023 18:45	40603 PIGR_T1	0	0	0	0	0	0	0.36	0.33	0	0	0	0	0	0
11/20/2023 18:45	48902 FOSP_T2	0	0	0	0	0	0	-0.29	-0.27	0	0	0	0	0	0
11/20/2023 18:45	57401 SPAN_T1	2	2	0	0.35	0.35	0	-0.15	-0.15	1	1	0	600	600	0
11/20/2023 18:45	54601 SUMM_T2	5	10	5	0.28	0.25	-0.03	-1.89	-1.88	2	2	0	2100	2100	0
11/20/2023 18:45	46901 MNTG_T2	0	0	0	0	0	0	1.2	1.35	0	0	0	0	0	0
11/20/2023 18:45	43301 WATS_T2	0	0	0	0	0	0	-0.57	-0.57	1	1	0	900	900	0
11/20/2023 18:45	45702 LIND_T2	1	1	0	1.7	1.8	0.1	-0.55	-0.57	0	0	0	0	0	0
11/20/2023 18:45	53501 EVIL_T2	0	1	1	0	0.3	0.3	-1.27	-1.28	2	2	0	1200	1200	0
11/20/2023 18:45	67502 WEWI_T2	0	0	0	0	0	0	-1.42	-1.41	0	1	1	0	900	900
11/20/2023 18:45	59101 WALK_T2	1	1	0	0	0	0	5.19	5.33	0	0	0	0	0	0
11/20/2023 18:45	46203 DANV_T2	0	2	2	0	0.1	0.1	-2.52	-2.47	0	0	0	0	0	0
11/20/2023 18:45	52502 PROG_T2	0	0	0	0	0	0	-0.59	-0.62	1	1	0	900	900	0
11/20/2023 18:45	42701 AUGU_T1	0	0	0	0	0	0	0	0	2	2	0	1800	1800	0
11/20/2023 18:45	64101 REFR_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/20/2023 18:46	67001 STHI_T2	1	1	0	0.4	0.6	0.2	0	0	0	0	0	0	0	0
11/20/2023 18:46	56501 ROCK_T2	1	0	-1	0.2	0	-0.2	0	0	0	0	0	0	0	0
11/20/2023 18:46	40101 HUNT_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/20/2023 18:46	57403 SPAN_T1	1	0	-1	0.2	0	-0.2	0	0	0	0	0	0	0	0
11/20/2023 18:46	67605 WARW_T1	0	0	0	0	0	0	-0.98	-1.04	0	0	0	0	0	0
11/20/2023 18:46	52004 LING_T2	1	1	0	1	0.5	-0.5	0.35	0.33	0	0	0	0	0	0
11/20/2023 18:46	44301 BEAV_T2	1	2	1	0.4	0	-0.4	0.03	-0.24	3	3	0	1800	1800	0
11/20/2023 18:46	52502 PROG_T2	0	0	0	0	0	0	-1.18	-1.23	2	2	0	1800	1800	0
11/20/2023 18:46	54501 ENOL_T2	0	0	0	0	0	0	-0.53	-0.54	1	1	0	600	600	0
11/20/2023 18:46	46203 DANV_T2	0	2	2	0	0.1	0.1	-2.52	-2.47	0	0	0	0	0	0
11/20/2023 18:46	57401 SPAN_T1	2	2	0	0.35	0.35	0	-0.45	-0.45	3	3	0	1800	1800	0
11/20/2023 18:46	64101 REFR_T1	0	0	0	0	0	0	-0.05	-0.03	0	0	0	0	0	0
11/20/2023 18:46	56801 BENV_T1	13	19	6	0.52	0.87	0.35	-0.67	-0.63	1	1	0	600	600	0
11/20/2023 18:46	56802 BENV_T2	2	35	33	0.15	0.17	0.02	-5.24	-5.32	0	0	0	0	0	0
11/20/2023 18:46	43201 MVIL_T2	0	0	0	0	0	0	-1.29	-1.28	0	0	0	0	0	0
11/20/2023 18:46	67502 WEWI_T2	0	0	0	0	0	0	-1.42	-1.41	0	1	1	0	900	900
11/20/2023 18:46	16302 ALPA_T2	0	0	0	0	0	0	-0.66	-0.6	0	0	0	0	0	0
11/20/2023 18:47	46004 BERW_T2	0	2	2	0	0	0	0	0	0	0	0	0	0	0
11/20/2023 18:47	59101 WALK_T2	1	1	0	0	0	0	1.73	1.78	0	0	0	0	0	0
11/20/2023 18:47	54504 ENOL_T2	0	0	0	0	0	0	-1.08	-1.08	1	1	0	600	600	0
11/20/2023 18:47	43304 WATS_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/20/2023 18:47	45003 LIME_2	4	7	3	0.8	1.1	0.3	0	0	1	1	0	1200	1200	0
11/20/2023 18:47	67502 WEWI_T2	0	0	0	0	0	0	-1.42	-1.41	0	1	1	0	900	900
11/20/2023 18:47	42201 SHEN_T2	0	1	1	0	0	0	0.09	0.08	1	1	0	600	600	0
11/20/2023 18:47	65001 NEFF_T2	0	0	0	0	0	0	-0.89	-0.85	1	1	0	1200	1200	0
11/20/2023 18:47	43301 WATS_T2	0	0	0	0	0	0	-0.57	-0.57	1	1	0	900	900	0
11/20/2023 18:47	43001 ALWD_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/20/2023 18:47	57403 SPAN_T1	1	0	-1	0.2	0	-0.2	0	0	0	0	0	0	0	0
11/20/2023 18:47	41801 GOCI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/20/2023 18:47	40101 HUNT_T2	246	219	-27	0.79	0.52	-0.27	-0.87	-0.9	0	0	0	0	0	0
11/20/2023 18:47	60501 NMAN_T2	3	3	0	3.67	4.2	0.53	0	0	0	0	0	0	0	0
11/20/2023 18:47	64101 REFR_T1	0	0	0	0	0	0	-0.05	-0.03	0	0	0	0	0	0
11/20/2023 18:47	55002 NEWP_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/20/2023 18:47	56802 BENV_T2	2	35	33	0.15	0.17	0.02	-2.62	-2.66	0	0	0	0	0	0
11/20/2023 18:48	54505 ENOL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/20/2023 18:48	43301 WATS_T2	0	0	0	0	0	0	-0.57	-0.57	1	1	0	900	900	0
11/20/2023 18:48	54206 PENN_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/20/2023 18:48	67503 WEWI_T2	0	0	0	0	0	0	-0.21	-0.21	0	0	0	0	0	0
11/20/2023 18:48	20403 ASHE_T2	0	0	0	0	0	0	0.45	0.43	0	0	0	0	0	0
11/20/2023 18:48	64802 MONE_T2	0	0	0	0	0	0	-0.02	-0.03	0	0	0	0	0	0
11/20/2023 18:48	56802 BENV_T2	2	35	33	0.15	0.17	0.02	-1.31	-1.33	0	0	0	0	0	0
11/20/2023 18:48	54601 SUMM_T2	5	10	5	0.28	0.25	-0.03	-1.89	-1.88	2	2	0	2100	2100	0
11/20/2023 18:48	67502 WEWI_T2	0	0	0	0	0	0	-1.42	-1.41	0	1	1	0	900	900
11/20/2023 18:48	54001 SDLE_T1	2	5	3	0.85	0.78	-0.07	0	0	0	0	0	0	0	0
11/20/2023 18:48	52501 PROG_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/20/2023 18:48	67001 STHI_T2	1	1	0	0.4	0.6	0.2	0	0	0	0	0	0	0	0
11/20/2023 18:48	55002 NEWP_T1	4	4	0	0.48	0.53	0.05	-0.46	-0.48	0	0	0	0	0	0
11/20/2023 18:48	45802 WBER_T2	0	3	3	0	0	0	0	0	0	0	0	0	0	0
11/20/2023 18:48	51302 WIND_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/20/2023 18:48	53501 EVIL_T2	0	1	1	0	0.3	0.3	-1.27	-1.28	2	2	0	1200	1200	0
11/20/2023 18:48	46005 BERW_T1	7	1	-6	0.1	0	-0.1	0	0	0	0	0	0	0	0
11/20/2023 18:48	44901 SCOT_T2	0	0	0	0	0	0	-0.8	-0.81	0	0	0	0	0	0
11/20/2023 18:48	67501 WEWI_T1	0	0	0	0	0	0	-0.52	-0.57	0	0	0	0	0	0
11/20/2023 18:48	61801 EELI_T2	0	0	0	0	0	0	-0.94	-1	1	1	0	600	600	0
11/20/2023 18:49	59301 MCAL_T1	0	2	2	0	0.7	0.7	0	0	0	0	0	0	0	0
11/20/2023 18:49	56501 ROCK_T2	1	0	-1	0.2	0	-0.2	0	0	0	0	0	0	0	0
11/20/2023 18:49	56802 BENV_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/20/2023 18:49	54202 PENN_T2	0	0	0	0	0	0	0.63	0.64	0	0	0	0	0	0
11/20/2023 18:49	11804 FRAN_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/20/2023 18:49	41902 REED_T1	9	7	-2	0.9	0.4	-0.5	1.06	1.11	0	0	0	0	0	0
11/20/2023 18:49	60604 NCOL_T2	0	0	0	0	0	0	0.27	0.18	0	0	0	0	0	0
11/20/2023 18:49	52401 GRPA_T2	5	1	-4	0.52	0	-0.52	0	0	0	0	0	0	0	0
11/20/2023 18:49	52403 GRPA_T2	1	2	1	0.9	0.2	-0.7	0.03	0.05	0	0	0	0	0	0
11/20/2023 18:49	43301 WATS_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/20/2023 18:49	43402 BENT_T1	1	1	0	0.5	0	-0.5	-1.49	-1.49	2	2	0	1500	1500	0
11/20/2023 18:49	42802 SELI_T1	0	0	0	0	0	0	-2.16	-2.12	1	1	0	900	900	0
11/20/2023 18:49	47901 HRDG_T1	0	0	0	0	0	0	1.48	1.63	0	0	0	0	0	0
11/20/2023 18:49	43302 WATS_T2	0	1	1	0	0.1	0.1	0	0	0	0	0	0	0	0
11/20/2023 18:49	67501 WEWI_T1	0	0	0	0	0	0	-0.52	-0.57	0	0	0	0	0	0
11/20/2023 18:49	64802 MONE_T2	0	0	0	0	0	0	-0.02	-0.03	0	0	0	0	0	0
11/20/2023 18:49	49803 UNIV_T1	0	0	0	0	0	0	-1.08	-1.08	0	0	0	0	0	0
11/20/2023 18:49	44301 BEAV_T2	1	2	1	0.4	0	-0.4	0.01	-0.08	1	1	0	600	600	0
11/20/2023 18:49	64101 REFR_T1	0	0	0	0	0	0	-0.1	-0.05	0	0	0	0	0	0
11/20/2023 18:49	45802 HEGI_T2	0	0	0	0	0	0	0.74	0.65	0	0	0	0	0	0
11/20/2023 18:50	56504 ROCK_T2	0	0	0	0	0	0	-0.37	-0.22	0	0	0	0	0	0
11/20/2023 18:50	52403 GRPA_T2	1	2	1	0.9	0.2	-0.7	0	0	0	0	0	0	0	0
11/20/2023 18:50	55001 NEWP_T1	0	1	1	0	0	0	0	0	0	0	0	0	0	0
11/20/2023 18:50	45802 WBER_T2	0	3	3	0	0	0	0	0	0	0	0	0	0	0
11/20/2023 18:50	54505 ENOL_T2	1	1	0	0.5	0.5	0	0	0	0	0	0	0	0	0
11/20/2023 18:50	43302 WATS_T2	0	1	1	0	0.1	0.1	0	0	0	0	0	0	0	0
11/20/2023 18:50	56504 ROCK_T2	0	0	0	0	0	0	-0.37	-0.22	0	0	0	0	0	0
11/20/2023 18:50	56801 BENV_T1	13	19	6	0.52	0.87	0.35	-0.67	-0.63	1	1	0	600	600	0
11/20/2023 18:50	52403 GRPA_T2	1	2	1	0.9	0.2	-0.7	0	0	0	0	0	0	0	0
11/20/2023 18:50	16301 ALPA_T1	0	0	0	0	0	0	-0.37	-0.39	0	0	0	0	0	0
11/20/2023 18:50	56802 BENV_T2	2	35	33	0.15	0.17	0.02	-2.62	-2.66	0	0	0	0	0	0
11/20/2023 18:50	46203 DANV_T2	0	2	2	0	0.1	0.1	0	0	0	0	0	0	0	0
11/20/2023 18:50	47901 HRDG_T1	0	0	0	0	0	0	1.48	1.63	0	0	0	0	0	0
11/20/2023 18:50	59101 WALK_T2	1	1	0	0	0	0	1.73	1.78	0	0	0	0	0	0
11/20/2023 18:50	48901 FOSP_T2	0	0	0	0	0	0	-0.38	-0.38	1	1	0	600	600	0
11/20/2023 18:50	61303 EARL_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/20/2023 18:50	67503 WEWI_T2	0	0	0	0	0	0	-0.21	-0.21	0	0	0	0	0	0
11/20/2023 18:50	65902 SAKR_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/20/2023 18:50	57403 SPAN_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/20/2023 18:50	54601 SUMM_T2	5	10	5	0.28	0.25	-0.03	-1.89	-1.88	2	2	0	2100	2100	0
11/20/2023 18:51	46801 HEPB_T2	2	0	-2	0.15	0	-0.15	0.64	0.63	0	0	0	0	0	0
11/20/2023 18:51	56802 BENV_T2	2	35	33	0.15	0.17	0.02	-2.62	-2.66	0	0	0	0	0	0
11/20/2023 18:51	14403 SSLA_T1	0	0	0	0	0	0	0.92	0.89	0	0	0	0	0	0
11/20/2023 18:51	60604 NCOL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/20/2023 18:51	59101 WALK_T2	1	1	0	0	0	0	1.73	1.78	0	0	0	0	0	0
11/20/2023 18:51	40101 HUNT_T2	246	219	-27	0.79	0.52	-0.27	-0.87	-0.9	0	0	0	0	0	0
11/20/2023 18:51	54001 SDLE_T1	2	5	3	0.85	0.78	-0.07	0	0	0	0	0	0	0	0
11/20/2023 18:51	45501 DERR_T2	1	2	1	0.7	0	-0.7	0.58	0.61	2	2	0	1800	1800	0
11/20/2023 18:51	43001 ALWD_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/20/2023 18:51	57403 SPAN_T1	1	0	-1	0.2	0	-0.2	0	0	0	0	0	0	0	0
11/20/2023 18:51	64101 REFR_T1	0	0	0	0	0	0	-0.1	-0.05	0	0	0	0	0	0
11/20/2023 18:52	52401 GRPA_T2	5	1	-4	0.52	0	-0.52	0	0	0	0	0	0	0	0
11/20/2023 18:52	53501 EVIL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/20/2023 18:52	46901 MNTG_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/20/2023 18:52	41901 REED_T1	3	3	0	0.43	0.43	0	0	0	0	0	0	0	0	0
11/20/2023 18:52	57403 SPAN_T1	1	0	-1	0.2	0	-0.2	0.11	0.1	0	0	0	0	0	0
11/20/2023 18:52	57401 SPAN_T1	2	2	0	0.35	0.35	0	-0.15	-0.15	1	1	0	600	600	0
11/20/2023 18:52	45402 WBLO_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/20/2023 18:52	44801 EDAN_T2	1	1	0	1.1	1.1	0	0	0	0	0	0	0	0	0
11/20/2023 18:52	64101 REFR_T1	0	0	0	0	0	0	-0.1	-0.05	0	0	0	0	0	0
11/20/2023 18:52	56802 BENV_T2	2	35	33	0.15	0.17	0.02	-1.31	-1.33	0	0	0	0	0	0
11/20/2023 18:52	40602 PIGR_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/20/2023 18:52	43302 WATS_T2	0	1	1	0	0.1	0.1	0	0	0	0	0	0	0	0
11/20/2023 18:52	56504 ROCK_T2	0	0	0	0	0	0	-0.37	-0.22	0	0	0	0	0	0
11/20/2023 18:53	57403 SPAN_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/20/2023 18:53	45902 AUBU_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/20/2023 18:53	46203 DANV_T2	0	2	2	0	0.1	0.1	0	0	0	0	0	0	0	0
11/20/2023 18:53	54701 NEBL_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/20/2023 18:53	63804 HEMP_T1	1	1	0	6	6	0	0.84	0.86	0	0	0	0	0	0
11/20/2023 18:53	58402 MORO_T1	2	2	0	0.15	0	-0.15	-0.85	-0.89	2	0	-2	1500	0	-1500
11/20/2023 18:53	66703 STRA_T1	0	0	0	0	0	0	-0.26	-0.27	0	0	0	0	0	0
11/20/2023 18:53	57104 SPHI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/20/2023 18:54	56802 BENV_T2	2	35	33	0.15	0.17	0.02	-1.31	-1.33	0	0	0	0	0	0
11/20/2023 18:54	44301 BEAV_T2	1	2	1	0.4	0	-0.4	0.01	-0.08	1	0	-1	600	0	-600
11/20/2023 18:54	54701 NEBL_T1	0	1	1	0	0.1	0.1	0	0	1	0	-1	600	0	-600
11/20/2023 18:55	56501 ROCK_T2	1	0	-1	0.2	0	-0.2	0	0	0	0	0	0	0	0
11/20/2023 18:56	56501 ROCK_T2	1	0	-1	0.2	0	-0.2	-0.82	0	0	0	0	0	0	0
11/20/2023 19:02	48901 FOSP_T2	0	0	0	0	0	0	-0.38	0	1	0	-1	600	0	-600
11/20/2023 19:06	57401 SPAN_T1	2	2	0	0.3	0.35	0.05	-0.15	0	1	0	-1	600	0	-600
11/20/2023 19:10	55105 WERT_T1	0	0	0	0	0	0	-0.53	0	0	0	0	0	0	0
11/20/2023 19:14	56802 BENV_T2	35	12	-23	0.17	0.18	0.01	0	0	0	0	0	0	0	0
11/20/2023 19:20	43401 BENT_T1	1	1	0	0.3	0.3	0	0	0	0	0	0	0	0	0
11/20/2023 19:22	54502 ENOL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/20/2023 19:29	43401 BENT_T1	1	1	0	0.3	0.3	0	0	0	0	0	0	0	0	0
11/20/2023 19:31	57401 SPAN_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/20/2023 19:40	13302 ORVI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/20/2023 20:00	43401 BENT_T1	1	1	0	2.4	0	-2.4	0	0	0	0	0	0	0	0
11/20/2023 20:26	60101 COCA_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/20/2023 21:25	66503 SMAN_T2	181	159	-22	0.27	0.18	-0.09	0	0	0	0	0	0	0	0
11/20/2023 21:45	65001 NEFF_T2	0	4	4	0	0.1	0.1	-1.02	-0.99	1	1	0	1200	1200	0
11/20/2023 21:53	54001 SDLE_T1	2	3	1	0.8	0.6	-0.2	0	0	0	0	0	0	0	0
11/20/2023 22:13	65001 NEFF_T2	4	0	-4	0.1	0	-0.1	-1.01	-1.01	1	1	0	1200	1200	0
11/21/2023 0:28	66901 SHIL_T2	0	0	0	0	0	0	-1.79	-1.77	1	1	0	1200	1200	0
11/21/2023 0:28	52403 GRPA_T2	0	0	0	0	0	0	-0.14	-0.12	0	0	0	0	0	0
11/21/2023 0:28	40101 HUNT_T2	0	0	0	0	0	0	-0.78	-0.79	0	0	0	0	0	0
11/21/2023 5:28	65001 NEFF_T2	0	0	0	0	0	0	-1	-0.99	1	1	0	1200	1200	0
11/21/2023 7:53	45501 DERR_T2	7	5	-2	0.43	0.3	-0.13	0.89	0.91	2	2	0	1800	1800	0
11/21/2023 7:56	40101 HUNT_T2	204	158	-46	0.49	0.49	0	-0.39	-0.37	0	0	0	0	0	0
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11/21/2023 9:16	43202 MVIL_T2	0	0	0	0	0	0	-0.55	-0.52	0	0	0	0	0	0
11/21/2023 9:17	43202 MVIL_T2	0	0	0	0	0	0	-0.55	-0.52	0	0	0	0	0	0
11/21/2023 9:17	64101 REFR_T1	0	0	0	0	0	0	-0.02	-0.04	0	0	0	0	0	0
11/21/2023 9:17	13901 SEID_T1	0	0	0	0	0	0	0.15	0.15	0	0	0	0	0	0
11/21/2023 9:18	54701 NEBL_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/21/2023 9:18	64101 REFR_T1	0	0	0	0	0	0	-0.05	-0.09	0	0	0	0	0	0
11/21/2023 9:19	64101 REFR_T1	0	0	0	0	0	0	-0.05	-0.09	0	0	0	0	0	0
11/21/2023 9:21	64101 REFR_T1	0	0	0	0	0	0	-0.02	-0.04	0	0	0	0	0	0
11/21/2023 9:22	45902 AUBU_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/21/2023 9:25	45902 AUBU_T1	0	0	0	0	0	0	-0.31	-0.36	1	1	0	600	600	0
11/21/2023 9:26	11804 FRAN_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/21/2023 9:26	52404 GRPA_T2	1	0	-1	0.1	0	-0.1	0.46	0.47	0	0	0	0	0	0
11/21/2023 9:26	29401 BELT_T1	41	49	8	0.21	0.26	0.05	0	0	0	0	0	0	0	0
11/21/2023 9:27	52402 GRPA_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/21/2023 9:29	52402 GRPA_T2	6	4	-2	0.92	1.23	0.31	0	0	0	0	0	0	0	0
11/21/2023 9:29	41801 GOCI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/21/2023 9:30	52402 GRPA_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/21/2023 9:30	41801 GOCI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/21/2023 9:31	15001 BLMO_T1	0	1	1	0	0	0	0	0	0	0	0	0	0	0
11/21/2023 9:31	47401 PENS_T1	0	0	0	0	0	0	-0.41	-0.43	0	0	0	0	0	0
11/21/2023 9:33	15001 BLMO_T1	0	1	1	0	0	0	0	0	0	0	0	0	0	0
11/21/2023 9:34	41902 REED_T1	0	7	7	0	0	0	2.2	2.34	0	0	0	0	0	0
11/21/2023 9:35	47401 PENS_T1	0	0	0	0	0	0	-0.41	-0.43	0	0	0	0	0	0
11/21/2023 9:36	47403 PENS_T1	1	1	0	2.2	2.1	-0.1	0	0	0	0	0	0	0	0
11/21/2023 9:36	41902 REED_T1	0	7	7	0	0	0	1.1	1.17	0	0	0	0	0	0
11/21/2023 9:36	43304 WATS_T2	1	3	2	0.2	0	-0.2	-0.66	-0.64	1	1	0	600	600	0
11/21/2023 9:37	45902 AUBU_T1	0	0	0	0	0	0	-0.36	-0.25	1	1	0	600	600	0
11/21/2023 9:37	42601 TUSC_T1	46	36	-10	0.28	0.1	-0.18	2.05	2.09	6	6	0	4800	4800	0
11/21/2023 9:37	43304 WATS_T2	1	3	2	0.2	0	-0.2	-1.33	-1.28	2	2	0	1200	1200	0
11/21/2023 9:38	56802 BENV_T2	2	3	1	0.4	0.4	0	-2.4	-2.68	0	0	0	0	0	0
11/21/2023 9:40	45901 AUBU_T1	0	0	0	0	0	0	1.61	1.62	0	0	0	0	0	0
11/21/2023 9:40	45901 AUBU_T1	0	0	0	0	0	0	1.61	1.62	0	0	0	0	0	0
11/21/2023 9:41	40101 HUNT_T2	167	96	-71	0.5	0.5	0	-0.33	-0.26	0	0	0	0	0	0
11/21/2023 9:41	56802 BENV_T2	2	3	1	0.4	0.4	0	-1.34	-1.32	0	0	0	0	0	0
11/21/2023 9:42	53903 HAU_T2	0	2	2	0	0.7	0.7	-0.31	-0.21	0	0	0	0	0	0
11/21/2023 9:44	46901 MNTG_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/21/2023 9:46	53903 HAU_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/21/2023 9:46	55002 NEWP_T1	4	4	0	0.5	0.43	-0.07	-0.17	-0.18	0	0	0	0	0	0
11/21/2023 9:47	49803 UNIV_T1	0	0	0	0	0	0	-1.06	-1.04	0	0	0	0	0	0
11/21/2023 9:47	13302 ORVI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/21/2023 9:47	53901 HAU_T2	1	0	-1	7.7	0	-7.7	0	0	0	0	0	0	0	0
11/21/2023 9:48	59302 MCAL_T1	0	1	1	0	0	0	-0.1	-0.03	1	1	0	600	600	0
11/21/2023 9:49	13302 ORVI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/21/2023 9:50	55002 NEWP_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/21/2023 9:50	56501 ROCK_T2	0	0	0	0	0	0	-1.4	-1.41	0	0	0	0	0	0
11/21/2023 9:51	55002 NEWP_T1	4	4	0	0.5	0.43	-0.07	-0.17	-0.18	0	0	0	0	0	0
11/21/2023 9:53	43001 ALWD_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/21/2023 9:55	43001 ALWD_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/21/2023 9:56	53501 EVIL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/21/2023 9:57	53501 EVIL_T2	2	2	0	0.4	0.2	-0.2	-1.77	-1.76	4	4	0	2400	2400	0
11/21/2023 9:57	22901 HARW_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/21/2023 9:59	53501 EVIL_T2	2	2	0	0.4	0.2	-0.2	-0.88	-0.88	2	2	0	1200	1200	0
11/21/2023 10:00	53501 EVIL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/21/2023 10:00	46901 MNTG_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/21/2023 10:02	55002 NEWP_T1	4	3	-1	0.43	0.2	-0.23	-0.18	-0.18	0	0	0	0	0	0
11/21/2023 10:04	57403 SPAN_T1	3	10	7	0.17	0.29	0.12	0	0	0	0	0	0	0	0
11/21/2023 10:04	44901 SCOT_T2	0	0	0	0	0	0	-0.53	-0.39	0	0	0	0	0	0
11/21/2023 10:05	57401 SPAN_T1	2	2	0	0.55	0.55	0	-1.01	-1.01	1	1	0	600	600	0
11/21/2023 10:06	55002 NEWP_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/21/2023 10:06	57401 SPAN_T1	2	2	0	0.55	0.55	0	-1.01	-1.01	1	1	0	600	600	0
11/21/2023 10:06	45902 AUBU_T1	0	0	0	0	0	0	-0.25	-0.3	1	1	0	600	600	0
11/21/2023 10:06	56802 BENV_T2	1	1	0	0.9	0.8	-0.1	-1.32	-1.32	0	0	0	0	0	0
11/21/2023 10:07	67203 TEHI_T1	3	7	4	0.33	0.25	-0.08	2.72	2.77	2	2	0	1200	1200	0
11/21/2023 10:07	44901 SCOT_T2	0	0	0	0	0	0	-0.53	-0.39	0	0	0	0	0	0
11/21/2023 10:07	67203 TEHI_T1	3	7	4	0.33	0.25	-0.08	2.72	2.77	2	2	0	1200	1200	0
11/21/2023 10:07	14403 SSLA_T1	0	0	0	0	0	0	0.95	1.03	0	0	0	0	0	0
11/21/2023 10:08	45902 AUBU_T1	0	0	0	0	0	0	-0.25	-0.3	1	1	0	600	600	0
11/21/2023 10:09	59101 WALK_T2	1	2	1	0	0	0	4.87	5.09	0	2	2	0	1200	1200
11/21/2023 10:09	56802 BENV_T2	1	1	0	0.9	0.8	-0.1	-1.32	-1.32	0	0	0	0	0	0
11/21/2023 10:10	46203 DANV_T2	0	0	0	0	0	0	-2.44	-2.44	0	0	0	0	0	0
11/21/2023 10:10	59101 WALK_T2	1	2	1	0	0	0	2.43	2.54	0	1	1	0	600	600
11/21/2023 10:11	56802 BENV_T2	1	1	0	0.9	0.8	-0.1	-1.32	-1.28	0	0	0	0	0	0
11/21/2023 10:12	45902 AUBU_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/21/2023 10:12	43402 BENT_T1	2	3	1	0.3	0	-0.3	-1.5	-1.49	2	2	0	1500	1500	0
11/21/2023 10:12	52402 GRPA_T2	3	1	-2	1.23	3.6	2.37	0	0	0	0	0	0	0	0
11/21/2023 10:13	12701 MACU_T1	1	0	-1	0.1	0	-0.1	0.17	0.16	0	0	0	0	0	0
11/21/2023 10:15	52403 GRPA_T2	2	2	0	0.45	0.2	-0.25	-0.03	0	0	0	0	0	0	0
11/21/2023 10:15	12701 MACU_T1	0	0	0	0	0	0	0.17	0.16	0	0	0	0	0	0
11/21/2023 10:15	26401 INOR_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/21/2023 10:15	43201 MVIL_T2	0	0	0	0	0	0	-1.17	-1.19	0	0	0	0	0	0
11/21/2023 10:17	52402 GRPA_T2	1	1	0	3.5	3.7	0.2	0	0	0	0	0	0	0	0
11/21/2023 10:18	12701 MACU_T1	0	0	0	0	0	0	0.17	0.16	0	0	0	0	0	0
11/21/2023 10:21	44904 SCOT_T1	4	0	-4	0.1	0	-0.1	0.35	0.33	0	0	0	0	0	0
11/21/2023 10:22	43001 ALWD_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/21/2023 10:22	56801 BENV_T1	15	14	-1	0.45	0.66	0.21	-0.61	-0.65	1	1	0	600	600	0
11/21/2023 10:22	66504 SMAN_T2	0	0	0	0	0	0	-0.25	-0.39	0	0	0	0	0	0
11/21/2023 10:23	45501 DEER_T2	0	0	0	0	0	0	0.92	0.68	2	2	0	1800	1800	0
11/21/2023 10:23	56801 BENV_T1	15	14	-1	0.45	0.66	0.21	-0.61	-0.65	1	1	0	600	600	0
11/21/2023 10:24	42701 AUGU_T1	0	0	0	0	0	0	0	0	2	2	0	1800	1800	0
11/21/2023 10:24	45502 DERR_T2	13	11	-2	0.48	0.49	0.01	0	0	0	0	0	0	0	0
11/21/2023 10:24	43304 WATS_T2	1	0	-1	0.9	0	-0.9	-0.61	-0.63	1	1	0	600	600	0
11/21/2023 10:25	46204 DANV_T2	0	1	1	0	0	0	0	0	0	0	0	0	0	0
11/21/2023 10:25	42701 AUGU_T1	0	0	0	0	0	0	0	0	2	2	0	1800	1800	0
11/21/2023 10:26	67502 WEWI_T2	1	1	0	0	0	0	-1.2	-1.07	1	1	0	900	900	0
11/21/2023 10:27	23401 HONE_T2	0	0	0	0	0	0	-0.15	-0.08	0	0	0	0	0	0
11/21/2023 10:28	27101 GFLD_T2	0	0	0	0	0	0	0.24	0.29	0	0	0	0	0	0
11/21/2023 10:28	67502 WEWI_T2	1	1	0	0	0	0	-1.2	-1.07	1	1	0	900	900	0
11/21/2023 10:28	45802 HEGI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/21/2023 10:29	47002 HUGH_T2	0	2	2	0	0.1	0.1	0	0	0	0	0	0	0	0
11/21/2023 10:29	45802 HEGI_T2	0	3	3	0	0.1	0.1	0.71	0.8	1	1	0	900	900	0
11/21/2023 10:29	67502 WEWI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/21/2023 10:29	43402 BENT_T1	3	0	-3	0.33	0	-0.33	-1.49	-1.52	2	2	0	1500	1500	0
11/21/2023 10:30	67503 WEWI_T2	0	0	0	0	0	0	-0.18	-0.19	0	0	0	0	0	0
11/21/2023 10:30	67503 WEWI_T2	0	0	0	0	0	0	-0.18	-0.19	0	0	0	0	0	0
11/21/2023 10:31	41902 REED_T1	6	19	13	0.37	0.16	-0.21	1.25	1.24	0	0	0	0	0	0
11/21/2023 10:31	67503 WEWI_T2	0	0	0	0	0	0	-0.18	-0.19	0	0	0	0	0	0
11/21/2023 10:31	43201 MVIL_T2	0	0	0	0	0	0	-1.19	-1.15	0	0	0	0	0	0
11/21/2023 10:32	56501 ROCK_T2	0	13	13	0	0.15	0.15	-1.46	-1.42	0	0	0	0	0	0
11/21/2023 10:32	12701 MACU_T1	0	0	0	0	0	0	0.32	0.36	0	0	0	0	0	0
11/21/2023 10:33	47001 HUGH_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/21/2023 10:33	14403 SSLA_T1	0	0	0	0	0	0	0.97	0.99	0	0	0	0	0	0
11/21/2023 10:35	65902 SAKR_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/21/2023 10:36	16302 ALPA_T2	0	0	0	0	0	0	-0.96	-1.03	0	0	0	0	0	0
11/21/2023 10:37	41901 REED_T1	4	3	-1	0.43	0.47	0.04	0	0	0	0	0	0	0	0
11/21/2023 10:37	45402 WBLO_T2	2	2	0	2.95	0.2	-2.75	0	0	0	0	0	0	0	0
11/21/2023 10:37	10801 CHHI_T1	1	0	-1	0.2	0	-0.2	-1.2	-1.22	2	2	0	1500	1500	0
11/21/2023 10:38	43304 WATS_T2	0	0	0	0	0	0	-0.63	-0.66	1	1	0	600	600	0
11/21/2023 10:39	16302 ALPA_T2	0	0	0	0	0	0	-0.48	-0.52	0	0	0	0	0	0
11/21/2023 10:39	43301 WATS_T2	0	0	0	0	0	0	-0.53	-0.53	1	1	0	900	900	0
11/21/2023 10:39	57403 SPAN_T1	10	13	3	0.29	0.28	-0.01	0	0	0	0	0	0	0	0
11/21/2023 10:40	56802 BENV_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/21/2023 10:40	67503 WEWI_T2	0	0	0	0	0	0	-0.18	-0.19	0	0	0	0	0	0
11/21/2023 10:40	16302 ALPA_T2	0	0	0	0	0	0	-0.48	-0.52	0	0	0	0	0	0
11/21/2023 10:44	15001 BLMO_T1	5	13	8	0.38	0	-0.38	0	0	0	0	0	0	0	0
11/21/2023 10:44	39601 LNFD_T1	0	0	0	0	0	0	0	0	1	1	0	900	900	0
11/21/2023 10:45	15001 BLMO_T1	13	0	-13	0.57	0	-0.57	0	0	0	0	0	0	0	0
11/21/2023 10:46	46801 HEPB_T2	0	0	0	0	0	0	0.69	0.65	0	0	0	0	0	0
11/21/2023 10:46	15001 BLMO_T1	13	0	-13	0.57	0	-0.57	0	0	0	0	0	0	0	0
11/21/2023 10:47	52202 DEVO_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/21/2023 10:48	15001 BLMO_T1	13	0	-13	0.57	0	-0.57	0	0	0	0	0	0	0	0
11/21/2023 10:48	40101 HUNT_T2	177	77	-100	0.5	0.49	-0.01	-0.28	-0.38	0	0	0	0	0	0
11/21/2023 10:48	13105 NHAM_T2	7	16	9	0.2	0	-0.2	-1.22	-1.22	1	1	0	1200	1200	0
11/21/2023 10:49	44901 SCOT_T2	0	0	0	0	0	0	-0.57	-0.41	0	0	0	0	0	0
11/21/2023 10:49	12202 FOGE_T2	0	0	0	0	0	0	0	0	1	1	0	600	600	0
11/21/2023 10:50	57401 SPAN_T1	2	2	0	0.55	0.75	0.2	-1.02	-1.02	1	1	0	600	600	0
11/21/2023 10:50	43301 WATS_T2	0	0	0	0	0	0	-0.53	-0.54	1	1	0	900	900	0
11/21/2023 10:51	20403 ASHF_T2	0	0	0	0	0	0	0.55	0.59	0	0	0	0	0	0
11/21/2023 10:51	57401 SPAN_T1	2	2	0	0.55	0.75	0.2	-1.02	-1.02	1	1	0	600	600	0
11/21/2023 10:51	43301 WATS_T2	0	0	0	0	0	0	-0.53	-0.54	1	1	0	900	900	0
11/21/2023 10:53	43301 WATS_T2	0	0	0	0	0	0	-0.53	-0.54	1	1	0	900	900	0
11/21/2023 10:53	45902 AUBU_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/21/2023 10:54	43301 WATS_T2	0	0	0	0	0	0	-0.53	-0.54	1	1	0	900	900	0
11/21/2023 10:54	45902 AUBU_T1	0	0	0	0	0	0	-0.27	-0.26	1	1	0	600	600	0
11/21/2023 10:55	20403 ASHF_T2	0	0	0	0	0	0	0.55	0.59	0	0	0	0	0	0
11/21/2023 10:56	45902 AUBU_T1	0	0	0	0	0	0	-0.26	-0.25	1	1	0	600	600	0
11/21/2023 10:57	52402 GRPA_T2	1	4	3	3.7	0.98	-2.72	0	0	0	0	0	0	0	0
11/21/2023 10:57	40201 BEGA_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/21/2023 10:58	40101 HUNT_T2	177	77	-100	0.5	0.49	-0.01	-0.38	-0.38	0	0	0	0	0	0
11/21/2023 11:00	40101 HUNT_T2	55	173	118	0.52	0.42	-0.1	-0.38	-0.38	0	0	0	0	0	0
11/21/2023 11:00	58402 MORO_T1	0	0	0	0	0	0	-1.85	-1.89	3	3	0	2400	2400	0
11/21/2023 11:00	39601 LNFD_T1	0	0	0	0	0	0	0	0	1	1	0	900	900	0
11/21/2023 11:01	47802 MOCA_T2	0	0	0	0	0	0	-0.93	-0.92	0	0	0	0	0	0
11/21/2023 11:01	26401 INOR_T1	0	0	0	0	0	0	0.62	0.66	0	0	0	0	0	0
11/21/2023 11:02	40101 HUNT_T2	55	173	118	0.52	0.42	-0.1	-0.76	-0.77	0	0	0	0	0	0
11/21/2023 11:02	42903 MIDD_T2	0	0	0	0	0	0	0.73	0.43	1	1	0	1200	1200	0
11/21/2023 11:03	58302 NOTT_T1	0	0	0	0	0	0	-0.35	-0.35	1	1	0	1200	1200	0
11/21/2023 11:03	40602 PIGR_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/21/2023 11:04	40602 PIGR_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/21/2023 11:04	52501 PROG_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/21/2023 11:04	58402 MORO_T1	0	0	0	0	0	0	-1.85	-1.89	3	3	0	2400	2400	0
11/21/2023 11:05	57401 SPAN_T1	2	2	0	0.55	0.75	0.2	0	0	0	0	0	0	0	0
11/21/2023 11:06	66703 STRA_T1	0	0	0	0	0	0	0.01	0.04	0	0	0	0	0	0
11/21/2023 11:07	43304 WATS_T2	0	0	0	0	0	0	-0.57	-0.6	1	1	0	600	600	0
11/21/2023 11:07	49803 UNIV_T1	0	0	0	0	0	0	-1.07	-1.06	0	0	0	0	0	0
11/21/2023 11:07	57403 SPAN_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/21/2023 11:08	56802 BENV_T2	1	1	0	0.7	0.8	0.1	-1.36	-1.31	0	0	0	0	0	0
11/21/2023 11:08	61102 BERK_T5	0	0	0	0	0	0	0.5	0.47	1	1	0	300	300	0
11/21/2023 11:08	43304 WATS_T2	0	0	0	0	0	0	-0.57	-0.6	1	1	0	600	600	0
11/21/2023 11:08	16302 ALPA_T2	0	0	0	0	0	0	-0.98	-1.04	0	0	0	0	0	0
11/21/2023 11:08	57403 SPAN_T1	13	39	26	0.25	0.38	0.13	0.14	0.18	0	0	0	0	0	0
11/21/2023 11:09	10805 CHHI_T2	7	7	0	2.3	1.84	-0.46	-0.71	-0.8	1	1	0	600	600	0
11/21/2023 11:10	61801 EELI_T2	0	0	0	0	0	0	-0.93	-0.94	1	1	0	600	600	0
11/21/2023 11:10	16302 ALPA_T2	0	0	0	0	0	0	-0.49	-0.52	0	0	0	0	0	0
11/21/2023 11:12	47901 HRDG_T1	0	0	0	0	0	0	1.05	1.27	0	0	0	0	0	0
11/21/2023 11:12	43402 BENT_T1	1	3	2	0.4	0	-0.4	-1.43	-1.4	2	2	0	1500	1500	0
11/21/2023 11:13	20603 GRWO_T2	1	0	-1	0.2	0	-0.2	-0.6	-0.62	1	1	0	900	900	0
11/21/2023 11:15	67503 WEWI_T2	0	0	0	0	0	0	-0.01	-0.12	0	0	0	0	0	0
11/21/2023 11:16	47901 HRDG_T1	0	0	0	0	0	0	1.05	1.27	0	0	0	0	0	0
11/21/2023 11:17	45702 LIND_T2	0	1	1	0	1.9	1.9	-0.43	-0.44	0	0	0	0	0	0
11/21/2023 11:18	64801 MONE_T2	0	0	0	0	0	0	0.4	0.41	0	0	0	0

Appendix C - Grid Benefits Achieved in Each Instance of Active Management

11/21/2023 11:42	53903 HALI_T2	2	2	0	1	1.2	0.2	-0.11	-0.1	0	0	0	0	0	0
11/21/2023 11:42	60101 COCA_T1	0	0	0	0	0	0	0.42	0.47	0	0	0	0	0	0
11/21/2023 11:43	53903 HALI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/21/2023 11:43	52402 GRPA_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/21/2023 11:44	52404 GRPA_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/21/2023 11:45	52404 GRPA_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/21/2023 11:46	52404 GRPA_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/21/2023 11:46	52404 GRPA_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/21/2023 11:46	52403 GRPA_T2	0	0	0	0	0	0	0	0.08	0	0	0	0	0	0
11/21/2023 11:47	47401 PENS_T1	0	0	0	0	0	0	-0.46	-0.43	0	0	0	0	0	0
11/21/2023 11:49	53901 SEID_T1	0	0	0	0	0	0	0.12	0.12	0	0	0	0	0	0
11/21/2023 11:50	54403 SSLA_T1	0	0	0	0	0	0	0.96	0.94	0	0	0	0	0	0
11/21/2023 11:50	48302 ORWI_T2	2	2	0	0.9	0.85	-0.05	0.19	0.18	0	0	0	0	0	0
11/21/2023 11:51	52502 PROG_T2	0	0	0	0	0	0	0.49	0.52	0	0	0	0	0	0
11/21/2023 11:51	52501 PROG_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/21/2023 11:52	12202 FOGE_T2	0	1	1	0	0	0	0	0	1	1	0	600	600	0
11/21/2023 11:53	54403 SSLA_T1	0	0	0	0	0	0	0.96	0.94	0	0	0	0	0	0
11/21/2023 11:54	51306 WIND_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/21/2023 11:54	20403 ASHF_T2	0	0	0	0	0	0	0.36	0.37	0	0	0	0	0	0
11/21/2023 11:58	46802 HEPB_T1	25	1	-24	0.23	2.1	1.87	0	0	0	0	0	0	0	0
11/21/2023 11:59	11804 FRAN_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/21/2023 12:05	59101 WALK_T2	1	1	0	0	0	0	6.29	6.01	3	3	0	1800	1800	0
11/21/2023 12:05	13904 SEID_T1	0	2	2	0	0.5	0.5	0	0	0	0	0	0	0	0
11/21/2023 12:06	14403 SSLA_T1	0	0	0	0	0	0	0.94	0.95	0	0	0	0	0	0
11/21/2023 12:09	60101 COCA_T1	0	0	0	0	0	0	0.47	0.42	0	0	0	0	0	0
11/21/2023 12:10	51306 WIND_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/21/2023 12:11	47403 PENS_T1	0	1	1	0	1.9	1.9	0	0	0	0	0	0	0	0
11/21/2023 12:12	52402 GRPA_T2	4	3	-1	1.38	1.2	-0.18	0	0	0	0	0	0	0	0
11/21/2023 12:12	46004 BERW_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/21/2023 12:12	53903 HALI_T2	2	2	0	1.2	1.2	0	-0.09	-0.1	0	0	0	0	0	0
11/21/2023 12:13	52402 GRPA_T2	4	3	-1	1.38	1.2	-0.18	0	0	0	0	0	0	0	0
11/21/2023 12:13	52402 GRPA_T2	4	3	-1	1.38	1.2	-0.18	0	0	0	0	0	0	0	0
11/21/2023 12:14	52402 GRPA_T2	4	3	-1	1.38	1.2	-0.18	0	0	0	0	0	0	0	0
11/21/2023 12:14	53903 HALI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/21/2023 12:14	11804 FRAN_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/21/2023 12:15	52402 GRPA_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/21/2023 12:16	52404 GRPA_T2	0	0	0	0	0	0	0.47	0.56	0	0	0	0	0	0
11/21/2023 12:16	46802 HEPB_T1	1	1	0	2.1	2.1	0	0	0	0	0	0	0	0	0
11/21/2023 12:20	49803 UNIV_T1	0	0	0	0	0	0	-0.98	-1.02	0	0	0	0	0	0
11/21/2023 12:43	46801 HEPB_T2	0	2	2	0	0.15	0.15	0.67	0.74	0	0	0	0	0	0
11/21/2023 12:45	39601 LNFD_T1	0	0	0	0	0	0	0	0	0	1	1	0	900	900
11/21/2023 12:56	60101 COCA_T1	0	0	0	0	0	0	0.42	0.43	0	0	0	0	0	0
11/21/2023 12:57	53903 HALI_T2	2	2	0	1	0.95	-0.05	-0.11	-0.09	0	0	0	0	0	0
11/21/2023 12:59	52403 GRPA_T2	1	4	3	0.2	0	-0.2	0	0	0	0	0	0	0	0
11/21/2023 13:01	39601 LNFD_T1	0	0	0	0	0	0	0	0	1	0	-1	900	0	-900
11/21/2023 13:01	53903 HALI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/21/2023 13:01	46802 HEPB_T1	1	1	0	1.7	1.8	0.1	0	0	0	0	0	0	0	0
11/21/2023 13:04	52502 PROG_T2	0	0	0	0	0	0	0.47	0.5	0	0	0	0	0	0
11/21/2023 13:05	52501 PROG_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/21/2023 13:09	52401 GRPA_T2	0	1	1	0	0.1	0.1	0	0	0	0	0	0	0	0
11/21/2023 13:17	39601 LNFD_T1	0	4	4	0	0	0	0	0	0	0	0	0	0	0
11/21/2023 13:17	13302 ORVI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/21/2023 13:19	14802 TREI_T2	1	1	0	1.2	1	-0.2	0.44	0.42	0	0	0	0	0	0
11/21/2023 13:19	13302 ORVI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/21/2023 13:20	14802 TREI_T2	1	1	0	1.2	1	-0.2	0.44	0.42	0	0	0	0	0	0
11/21/2023 13:34	13904 SEID_T1	5	1	-4	0.4	0	-0.4	0	0	0	0	0	0	0	0
11/21/2023 13:35	55101 WERT_T1	0	0	0	0	0	0	-4.44	-6.71	6	6	0	4500	4500	0
11/21/2023 13:36	55101 WERT_T1	0	0	0	0	0	0	-1.48	-2.24	2	2	0	1500	1500	0
11/21/2023 13:37	55101 WERT_T1	0	0	0	0	0	0	-2.96	-4.47	4	4	0	3000	3000	0
11/21/2023 13:37	12202 FOGE_T2	0	0	0	0	0	0	0	0	1	1	0	600	600	0
11/21/2023 13:39	55101 WERT_T1	0	0	0	0	0	0	-1.48	-2.24	2	2	0	1500	1500	0
11/21/2023 13:59	20603 GRWO_T2	0	0	0	0	0	0	-0.58	-0.6	1	1	0	900	900	0
11/21/2023 14:05	49804 UNIV_T1	0	1	1	0	0	0	0	0	0	0	0	0	0	0
11/21/2023 14:08	45902 AUBU_T1	0	0	0	0	0	0	-0.8	-0.81	1	1	0	600	600	0
11/21/2023 14:08	45901 AUBU_T1	0	0	0	0	0	0	1.84	1.96	0	0	0	0	0	0
11/21/2023 14:09	45902 AUBU_T1	0	0	0	0	0	0	-0.8	-0.81	1	1	0	600	600	0
11/21/2023 14:09	67201 TEHI_T1	0	0	0	0	0	0	0.3	0.3	2	2	0	1500	1500	0
11/21/2023 14:10	46203 DANV_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/21/2023 14:10	45902 AUBU_T1	0	0	0	0	0	0	-0.8	-0.81	1	1	0	600	600	0
11/21/2023 14:10	49803 UNIV_T1	0	0	0	0	0	0	-1.06	-1.04	0	0	0	0	0	0
11/21/2023 14:10	43401 BENT_T1	0	5	5	0	0.85	0.85	0	0	0	0	0	0	0	0
11/21/2023 14:11	46203 DANV_T2	0	0	0	0	0	0	-5.05	-4.9	0	0	0	0	0	0
11/21/2023 14:11	45902 AUBU_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/21/2023 14:11	43401 BENT_T1	0	5	5	0	0.85	0.85	0	0	0	0	0	0	0	0
11/21/2023 14:12	43401 BENT_T1	0	5	5	0	0.85	0.85	0	0	0	0	0	0	0	0
11/21/2023 14:12	45902 AUBU_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/21/2023 14:12	52401 GRPA_T2	1	0	-1	0.2	0	-0.2	0	0	0	0	0	0	0	0
11/21/2023 14:12	53903 HALI_T2	2	2	0	0.8	1	0.2	-0.07	-0.07	0	0	0	0	0	0
11/21/2023 14:13	52401 GRPA_T2	1	0	-1	0.2	0	-0.2	0	0	0	0	0	0	0	0
11/21/2023 14:13	45902 AUBU_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/21/2023 14:13	46204 DANV_T2	1	0	-1	0.1	0	-0.1	0	0	0	0	0	0	0	0
11/21/2023 14:14	52404 GRPA_T2	0	1	1	0	0.2	0.2	0	0	0	0	0	0	0	0
11/21/2023 14:15	52404 GRPA_T2	1	2	1	0.2	0.5	0.3	0	0	0	0	0	0	0	0
11/21/2023 14:15	59302 MCAL_T1	2	4	2	0.25	0.1	-0.15	-0.12	-0.16	1	1	0	600	600	0
11/21/2023 14:16	52402 GRPA_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/21/2023 14:16	20801 LOPO_T1	0	0	0	0	0	0	0.18	0.18	0	0	0	0	0	0
11/21/2023 14:16	54701 NEBL_T1	0	0	0	0	0	0	0	0	1	1	0	600	600	0
11/21/2023 14:16	47802 MOCA_T2	0	0	0	0	0	0	-0.95	-0.98	0	0	0	0	0	0
11/21/2023 14:17	64101 REFR_T1	0	0	0	0	0	0	-0.01	-0.03	0	0	0	0	0	0
11/21/2023 14:17	52402 GRPA_T2	4	4	0	0.95	0.98	0.03	0	0	0	0	0	0	0	0
11/21/2023 14:17	65001 NEFF_T2	0	0	0	0	0	0	-0.77	-0.55	1	1	0	1200	1200	0
11/21/2023 14:17	42903 MIDD_T2	0	0	0	0	0	0	0.19	0.24	1	1	0	1200	1200	0
11/21/2023 14:18	64101 REFR_T1	0	0	0	0	0	0	-0.01	-0.03	0	0	0	0	0	0
11/21/2023 14:18	40603 PIGR_T1	0	0	0	0	0	0	0.39	0.38	0	0	0	0	0	0
11/21/2023 14:18	54701 NEBL_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/21/2023 14:19	64101 REFR_T1	0	0	0	0	0	0	-0.01	-0.03	0	0	0	0	0	0
11/21/2023 14:19	52402 GRPA_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/21/2023 14:20	54206 PENN_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/21/2023 14:20	64101 REFR_T1	0	0	0	0	0	0	-0.03	-0.05	0	0	0	0	0	0
11/21/2023 14:20	48302 ORWI_T2	2	2	0	0.4	0.55	0.15	0.15	0.17	0	0	0	0	0	0
11/21/2023 14:21	20403 ASHF_T2	0	0	0	0	0	0	0.3	0.31	0	0	0	0	0	0
11/21/2023 14:21	64101 REFR_T1	0	0	0	0	0	0	-0.01	-0.03	0	0	0	0	0	0
11/21/2023 14:22	64101 REFR_T1	0	0	0	0	0	0	-0.01	-0.03	0	0	0	0	0	0
11/21/2023 14:22	13904 SEID_T1	1	1	0	0.4	0	-0.4	0	0	0	0	0	0	0	0
11/21/2023 14:23	49804 UNIV_T1	0	1	1	0	0	0	0	0	0	0	0	0	0	0
11/21/2023 14:23	64101 REFR_T1	0	0	0	0	0	0	-0.01	-0.03	0	0	0	0	0	0
11/21/2023 14:24	45902 AUBU_T1	0	0	0	0	0	0	-0.81	-0.74	1	1	0	600	600	0
11/21/2023 14:24	20403 ASHF_T2	0	0	0	0	0	0	0.3	0.31	0	0	0	0	0	0
11/21/2023 14:25	45902 AUBU_T1	0	0	0	0	0	0	-0.81	-0.74	1	1	0	600	600	0
11/21/2023 14:25	13302 ORVI_T2	36	19	-17	0.22	0.26	0.04	0.74	0.75	0	0	0	0	0	0
11/21/2023 14:25	53501 EVIL_T2	1	7	6	0.5	0.36	-0.14	-0.99	-1.17	2	2	0	1200	1200	0
11/21/2023 14:26	45902 AUBU_T1	0	0	0	0	0	0	-0.74	-0.77	1	1	0	600	600	0
11/21/2023 14:26	46203 DANV_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/21/2023 14:27	46203 DANV_T2	0	0	0	0	0	0	-4.9	-5.02	0	0	0	0	0	0
11/21/2023 14:27	45902 AUBU_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/21/2023 14:27	53501 EVIL_T2	1	7	6	0.5	0.36	-0.14	-1.17	-1.26	2	2	0	1200	1200	0
11/21/2023 14:28	53501 EVIL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/21/2023 14:28	52403 GRPA_T2	1	5	4	0.5	1.1	0.6	0	0	0	0	0	0	0	0
11/21/2023 14:29	52402 GRPA_T2	4	4	0	0.95	0.98	0.03	0	0	0	0	0	0	0	0
11/21/2023 14:29	52404 GRPA_T2	1	2	1	0.2	0.5	0.3	0.45	0.4	0	0	0	0	0	0
11/21/2023 14:29	53501 EVIL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/21/2023 14:29	43402 BENT_T1	0	3	3	0	0.1	0.1	-1.32	-1.3	2	2	0	1500	1500	0
11/21/2023 14:30	53903 HALI_T2	2	2	0	1	1.1	0.1	-0.07	-0.1	0	0	0	0	0	0
11/21/2023 14:30	46203 DANV_T2	0	5	5	0	0.2	0.2	0	0	0	0	0	0	0	0
11/21/2023 14:30	53501 EVIL_T2	1	7	6	0.3	0.36	0.06	-1.17	-1.26	2	2	0	1200	1200	0
11/21/2023 14:31	55002 NEWP_T1	2	3	1	0.4	0.27	-0.13	-0.2	-0.19	0	0	0	0	0	0
11/21/2023 14:31	52403 GRPA_T2	3	5	2	1.27	0.65	-0.62	0	0	0	0	0	0	0	0
11/21/2023 14:31	54701 NEBL_T1	0	0	0	0	0	0	0	0	1	1	0	600	600	0
11/21/2023 14:31	60604 NCOL_T2	0	0	0	0	0	0	0.31	0.35	0	0	0	0	0	0
11/21/2023 14:31	20801 LOPO_T1	0	0	0	0	0	0	0.18	0.18	0	0	0	0	0	0
11/21/2023 14:31	59302 MCAL_T1	2	3	1	0.15	0.1	-0.05	-0.16	-0.21	1	1	0	600	600	0
11/21/2023 14:32	52404 GRPA_T2	1	2	1	0.5	0.2	-0.3	0	0	0	0	0	0	0	0
11/21/2023 14:32	13302 ORVI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/21/2023 14:32	60604 NCOL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/21/2023 14:33	52502 PROG_T2	0	0	0	0	0	0	-0.44	0.53	0	0	0	0	0	0
11/21/2023 14:33	48302 ORWI_T2	2	2	0	0.55	0.6	0.05	0.17	0.15	0	0	0	0	0	0
11/21/2023 14:34	40603 PIGR_T1	0	0	0	0	0	0	0.38	0.38	0	0	0	0	0	0
11/21/2023 14:34	55002 NEWP_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/21/2023 14:34	54701 NEBL_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/21/2023 14:34	55101 WERT_T1	0	1	1	0	0	0	-3.9	-4.41	4	6	2	3000	4800	1800
11/21/2023 14:35	64101 REFR_T1	0	0	0	0	0	0	-0.05	-0.03	0	0	0	0	0	0
11/21/2023 14:35	55002 NEWP_T1	2	3	1	0.4	0.27	-0.13	-0.4	-0.38	0	0	0	0	0	0
11/21/2023 14:35	52502 PROG_T2	0	0	0	0	0	0	-0.44	0.53	0	0	0	0	0	0
11/21/2023 14:35	55101 WERT_T1	0	1	1	0	0	0	-3.9	-4.41	4	6	2	3000	4800	1800
11/21/2023 14:36	46203 DANV_T2	0	5	5	0	0.2	0.2	0	0	0	0	0	0	0	0
11/21/2023 14:36	13302 ORVI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/21/2023 14:36	64101 REFR_T1	0	0	0	0	0	0	-0.03	-0.02	0	0	0	0	0	0
11/21/2023 14:36	24902 WHHA_T1	0	0	0	0	0	0	0.67	0.65	0	0	0	0	0	0
11/21/2023 14:37	45902 AUBU_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/21/2023 14:37	64101 REFR_T1	0	0	0	0	0	0	-0.1	-0.06	0	0	0	0	0	0
11/21/2023 14:37	24902 WHHA_T1	0	0	0	0	0	0	0.67	0.65	0	0	0	0	0	0
11/21/2023 14:37	46203 DANV_T2	0	5	5	0	0.2	0.2	-2.45	-2.51	0	0	0	0	0	0
11/21/2023 14:37	27502 WEIS_T2	0	0	0	0	0	0	-0.34	-0.34	0	0	0	0	0	0
11/21/2023 14:37	20403 ASHF_T2	0	0	0	0	0	0	0.31	0.33	0	0	0	0	0	0
11/21/2023 14:38	46001 BERW_T1	0	0	0	0	0	0	2.34	2.37	0	0	0	0	0	0
11/21/2023 14:38	55101 WERT_T1	0	1	1	0	0	0	-5.85	-6.61	9	6	-3	7200	4500	-2700
11/21/2023 14:38	43402 BENT_T1	1	3	2	0.1	0	-0.1	-1.32	-1.3	2	2	0	1500	1500	0
11/21/2023 14:38	46203 DANV_T2	0	5	5	0	0.2	0.2	-2.45	-2.51	0	0	0	0	0	0
11/21/2023 14:39	46001 BERW_T1	0	0	0	0	0	0	1.17	1.19	0	0	0	0	0	0
11/21/2023 14:39	45902 AUBU_T1	0	0	0	0	0	0	-0.74	-0.77	1	1	0	600	600	0
11/21/2023 14:39	46004 BERW_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/21/2023 14:40	29401 BELT_T1	90	105	15	0.4	0.41	0.01	0	0	1	1	0	900	900	0
11/21/2023 14:40	45902 AUBU_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/21/2023 14:40	56802 BENV_T2	1	1	0	0.6	0.8	0.2	-1.32	-1.34	0	0	0	0	0	0
11/21/2023 14:41	64101 REFR_T1	0	0	0	0	0	0	-0.02	-0.03	0	0	0	0	0	0
11/21/2023 14:41	43402 BENT_T1	1	3	2	0.1	0	-0.1	-1.3	-1.3	2	2	0	1500	1500	0
11/21/2023 14:41	45902 AUBU_T1	0	0	0	0	0	0	-0.77	-0.76	1	1	0	600	600	0
11/21/2023 14:41	16302 ALPA_T2	0	0	0	0	0	0	-0.62	-0.61	0	0	0	0	0	0
11/21/2023 14:41	53501 EVIL_T2	1	7	6	0.3	0.36	0.06	-1.26	-1.24	2	2	0	1200	1200	0
11/21/2023 14:41	20403 ASHF_T2	0	0	0	0	0	0	0.33	0.32	0	0	0	0	0	0
11/21/2023 14:42	46001 BERW_T1	0	0	0	0	0	0	1.19	1.14	0	0	0	0	0	0
11/21/2023 14:42	29401 BELT_T1	90	105	15	0.4	0.41	0.01	0	0	1	1	0	900	900	0
11/21/2023 14:42	49803 UNIV_T1	0	0	0	0	0	0	-1.05	-1.04	0	0	0	0	0	0
11/21/2023 14:42	53501 EVIL_T2	1	7	6	0.3	0.36	0.06	-1.26	-1.24	2	2	0	1200	1200	0
11/21/2023 14:43	52401 GRPA_T2	0	1	1	0	0.2	0.2	0	0	0	0	0	0	0	0
11/21/2023 14:44	53501 EVIL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/21/2023 14:45	52403 GRPA_T2	5	4	-1	1.04	0.2	-0.84	0.08	0.02	0	0	0	0	0	0
11/21/2023 14:45	52006 LING_T2	0	3	3	0	0.2	0.2	0	0	0	0	0	0	0	0
11/21/2023 14:46	52403 GRPA_T2	5	4	-1	1.04	0.2	-0.84	0	0	0	0	0	0	0	0
11/21/2023 14:46	53501 EVIL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/21/2023 14:47	52404 GRPA_T2	2	4	2	0.65	0.2	-0.45	0.4	0.51	0	0	0	0	0	0
11/21/2023 14:47	54701 NEBL_T1

11/21/2023 15:18	59302 MCAL_T1	0	0	0	0	0	0	-0.2	-0.3	1	1	0	600	600	0
11/21/2023 15:19	46903 MNTG_T2	0	71	71	0	0.18	0.18	-0.09	-0.08	1	1	0	600	600	0
11/21/2023 15:20	48302 ORWI_T2	2	2	0	0.75	0.5	-0.25	0.14	0.13	0	0	0	0	0	0
11/21/2023 15:20	14403 SSLA_T1	0	0	0	0	0	0	1.14	1.09	0	0	0	0	0	0
11/21/2023 15:23	14403 SSLA_T1	0	0	0	0	0	0	1.14	1.09	0	0	0	0	0	0
11/21/2023 15:24	43001 ALWD_T1	1	0	-1	0.1	0	-0.1	0	0	0	0	0	0	0	0
11/21/2023 15:26	43001 ALWD_T1	1	0	-1	0.1	0	-0.1	0	0	0	0	0	0	0	0
11/21/2023 15:26	54506 ENOL_T2	1	1	0	0.3	0.2	-0.1	0	0	0	0	0	0	0	0
11/21/2023 15:27	54502 ENOL_T2	0	0	0	0	0	0	-1.98	-1.98	1	1	0	600	600	0
11/21/2023 15:29	43401 BENT_T1	0	9	9	0	1.01	1.01	0	0	0	0	0	0	0	0
11/21/2023 15:32	60501 NMAN_T2	3	3	0	4.3	3.9	-0.4	0	0	0	0	0	0	0	0
11/21/2023 15:37	46206 DANV_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/21/2023 15:40	55001 NEWP_T1	1	1	0	1.2	0.2	-1	0	0	0	0	0	0	0	0
11/21/2023 15:41	52401 GRPA_T2	2	1	-1	0.6	0.1	-0.5	0	0	0	0	0	0	0	0
11/21/2023 15:43	17805 GILB_T2	0	1	1	0	0.1	0.1	0.17	0.21	0	0	0	0	0	0
11/21/2023 15:46	17802 GILB_T1	0	0	0	0	0	0	-0.04	-0.06	0	0	0	0	0	0
11/21/2023 15:46	17805 GILB_T2	1	1	0	0.3	0	-0.3	0.17	0.21	0	0	0	0	0	0
11/21/2023 15:49	17802 GILB_T1	0	0	0	0	0	0	-0.08	-0.12	0	0	0	0	0	0
11/21/2023 15:50	59101 WALK_T2	1	1	0	0	0	0	3.93	4.54	0	0	0	0	0	0
11/21/2023 15:51	59101 WALK_T2	1	1	0	0	0	0	1.97	2.27	0	0	0	0	0	0
11/21/2023 15:54	65901 SAKR_T2	1	1	0	9.4	9.1	-0.3	-1.23	-1.2	1	1	0	900	900	0
11/21/2023 15:57	52403 GRPA_T2	3	4	1	0.4	0.7	0.3	0.13	0.08	0	0	0	0	0	0
11/21/2023 16:01	63401 HONY_T1	0	0	0	0	0	0	0.76	0.68	0	0	0	0	0	0
11/21/2023 16:06	59101 WALK_T2	1	2	1	0	0	0	4.54	4.67	0	0	0	0	0	0
11/21/2023 16:09	59101 WALK_T2	1	2	1	0	0	0	2.27	2.33	0	0	0	0	0	0
11/21/2023 16:11	43401 BENT_T1	2	8	6	0.9	0.47	-0.43	0	0	0	0	0	0	0	0
11/21/2023 16:18	42302 MOWR_T2	0	0	0	0	0	0	-0.53	-0.52	0	0	0	0	0	0
11/21/2023 16:18	43202 MVIL_T2	2	3	1	0.7	0	-0.7	0	0	0	0	0	0	0	0
11/21/2023 16:22	59101 WALK_T2	1	2	1	0	0	0	7	6.47	0	0	0	0	0	0
11/21/2023 16:26	43001 ALWD_T1	10	0	-10	0.18	0	-0.18	0	0	0	0	0	0	0	0
11/21/2023 16:29	43402 BENT_T1	0	0	0	0	0	0	-1.3	-1.39	2	2	0	1500	1500	0
11/21/2023 16:44	11104 EGYP_T1	0	0	0	0	0	0	0.33	0.39	0	0	0	0	0	0
11/21/2023 17:11	43401 BENT_T1	3	2	-1	0.33	0	-0.33	0	0	0	0	0	0	0	0
11/21/2023 17:29	43401 BENT_T1	0	2	2	0	0.4	0.4	0	0	0	0	0	0	0	0
11/21/2023 17:29	20403 ASHF_T2	0	0	0	0	0	0	0.54	0.43	0	0	0	0	0	0
11/21/2023 17:29	40201 BEGA_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/21/2023 17:29	63305 GREE_T1	0	0	0	0	0	0	-1.28	-1.23	0	0	0	0	0	0
11/21/2023 17:30	20403 ASHF_T2	0	0	0	0	0	0	0.54	0.43	0	0	0	0	0	0
11/21/2023 17:30	40201 BEGA_T2	93	0	-93	0.89	0	-0.89	0	0	0	0	0	0	0	0
11/21/2023 17:40	20801 LOPO_T1	0	0	0	0	0	0	0.19	0.19	0	0	0	0	0	0
11/21/2023 17:44	55002 NEWP_T1	4	4	0	0.73	0.78	0.05	-0.18	-0.18	0	0	0	0	0	0
11/21/2023 17:45	59301 MCAL_T1	2	2	0	0.95	1.25	0.3	0	0	0	0	0	0	0	0
11/21/2023 17:49	46903 MNTG_T2	0	1	1	0	0	0	-0.24	-0.23	1	1	0	600	600	0
11/21/2023 17:52	45501 DERR_T2	0	1	1	0	0	0	0.49	0.51	2	2	0	1800	1800	0
11/21/2023 17:52	56802 BENV_T2	1	4	3	0.5	0.3	-0.2	-1.24	-1.25	0	0	0	0	0	0
11/21/2023 17:52	46206 DANV_T2	0	0	-1	0.2	0	-0.2	0	0	0	0	0	0	0	0
11/21/2023 17:54	45501 DERR_T2	0	1	1	0	0	0	0	0	0	0	0	0	0	0
11/21/2023 17:56	57403 SPAN_T1	0	4	4	0	0.13	0.13	0	0	0	0	0	0	0	0
11/21/2023 17:56	49803 UNIV_T1	0	0	0	0	0	0	-1.01	-1.01	0	0	0	0	0	0
11/21/2023 17:57	55101 WERT_T1	0	0	0	0	0	0	-1.68	-1.79	2	2	0	1500	1500	0
11/21/2023 17:58	45501 DERR_T2	0	1	1	0	0	0	0.51	0.48	2	2	0	1800	1800	0
11/21/2023 17:58	57403 SPAN_T1	0	4	4	0	0.13	0.13	0	0	0	0	0	0	0	0
11/21/2023 17:59	55101 WERT_T1	0	0	0	0	0	0	-1.68	-1.79	2	2	0	1500	1500	0
11/21/2023 17:59	47401 PENS_T1	0	0	0	0	0	0	0.75	0.73	0	0	0	0	0	0
11/21/2023 17:59	47001 HUGH_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/21/2023 17:59	56801 BENV_T1	7	19	12	0.21	0.44	0.23	-0.61	-0.63	1	1	0	600	600	0
11/21/2023 18:00	45302 WBER_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/21/2023 18:01	56802 BENV_T2	0	4	4	0	0.3	0.3	-1.25	-1.27	0	0	0	0	0	0
11/21/2023 18:02	40902 JESH_T1	0	0	0	0	0	0	-1.22	-1.23	1	1	0	600	600	0
11/21/2023 18:02	43202 MVIL_T2	1	0	-1	0.6	0	-0.6	-0.66	-0.66	0	0	0	0	0	0
11/21/2023 18:02	53903 HALI_T2	2	2	0	1.3	1.55	0.25	-0.1	-0.06	0	0	0	0	0	0
11/21/2023 18:02	43401 BENT_T1	1	1	0	1	0	-1	0	0	0	0	0	0	0	0
11/21/2023 18:03	57401 SPAN_T1	2	1	-1	0.25	0.2	-0.05	-0.7	-0.7	1	1	0	600	600	0
11/21/2023 18:03	26402 INOR_T1	0	1	1	0	0	0	0	0	0	0	0	0	0	0
11/21/2023 18:03	41802 GOCI_T2	9	18	9	0.14	0.33	0.19	0	0	0	0	0	0	0	0
11/21/2023 18:03	47401 PENS_T1	0	0	0	0	0	0	0.75	0.73	0	0	0	0	0	0
11/21/2023 18:03	57401 SPAN_T1	2	1	-1	0.25	0.2	-0.05	-0.7	-0.7	1	1	0	600	600	0
11/21/2023 18:04	40601 PIGR_T1	0	4	4	0	0.2	0.2	0	0	0	0	0	0	0	0
11/21/2023 18:04	51306 WIND_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/21/2023 18:04	47403 PENS_T1	0	1	1	0	2.5	2.5	0	0	0	0	0	0	0	0
11/21/2023 18:04	10805 CHHI_T2	7	11	4	2.3	3.1	0.8	-0.88	-0.81	0	0	0	0	0	0
11/21/2023 18:04	45901 AUBU_T1	0	0	0	0	0	0	1.94	2	0	0	0	0	0	0
11/21/2023 18:05	57403 SPAN_T1	0	7	7	0	0.13	0.13	0	0	0	0	0	0	0	0
11/21/2023 18:05	64101 REFR_T1	0	0	0	0	0	0	-0.03	-0.02	0	0	0	0	0	0
11/21/2023 18:05	26402 INOR_T1	0	1	1	0	0	0	0	0	0	0	0	0	0	0
11/21/2023 18:05	56503 ROCK_T2	0	0	0	0	0	0	-0.5	-0.55	0	0	0	0	0	0
11/21/2023 18:06	43302 WATS_T2	0	4	4	0	0.43	0.43	0	0	0	0	0	0	0	0
11/21/2023 18:06	48302 ORWI_T2	2	5	3	0.6	1.05	0.45	0.11	0.1	0	0	0	0	0	0
11/21/2023 18:06	55101 WERT_T1	0	0	0	0	0	0	-1.68	-1.79	2	2	0	1500	1500	0
11/21/2023 18:06	56501 ROCK_T2	18	99	81	0.14	0.23	0.09	-1.36	-1.36	0	0	0	0	0	0
11/21/2023 18:06	46206 DANV_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/21/2023 18:07	42903 MIDD_T2	2	2	0	0.8	1	0.2	-1.12	-1.14	1	1	0	1200	1200	0
11/21/2023 18:07	63404 HONY_T1	2	2	0	6.75	7.5	0.75	0	0	0	0	0	0	0	0
11/21/2023 18:08	43001 ALWD_T1	0	2	2	0	0.1	0.1	0	0	0	0	0	0	0	0
11/21/2023 18:08	43401 BENT_T1	1	1	0	1	0	-1	0	0	0	0	0	0	0	0
11/21/2023 18:08	45902 AUBU_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/21/2023 18:08	40101 HUNT_T2	34	18	-16	0.48	0.34	-0.14	-0.69	-0.67	0	0	0	0	0	0
11/21/2023 18:09	55101 WERT_T1	0	0	0	0	0	0	-1.68	-1.79	2	2	0	1500	1500	0
11/21/2023 18:10	52501 PROG_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/21/2023 18:10	58402 MORO_T1	0	1	1	0	0	0	-1.63	-1.59	3	3	0	2400	2400	0
11/21/2023 18:10	45501 DERR_T2	1	0	-1	0.4	0	-0.4	0.51	0.48	2	2	0	1800	1800	0
11/21/2023 18:10	65901 SAKR_T2	1	1	0	8.6	9.2	0.6	-1.42	-1.41	1	1	0	900	900	0
11/21/2023 18:11	43304 WATS_T2	3	3	0	0.27	0	-0.27	0	0	0	0	0	0	0	0
11/21/2023 18:11	53501 EVIL_T2	2	3	1	0.65	0.47	-0.18	-1.22	-1.2	2	2	0	1200	1200	0
11/21/2023 18:11	42601 TUSC_T1	0	1	1	0	0	0	-0.25	-0.13	4	4	0	3600	3600	0
11/21/2023 18:11	56802 BENV_T2	0	4	4	0	0.3	0.3	-1.27	-1.25	0	0	0	0	0	0
11/21/2023 18:11	51306 WIND_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/21/2023 18:12	43304 WATS_T2	3	3	0	0.27	0	-0.27	-0.24	-0.23	0	0	0	0	0	0
11/21/2023 18:12	52403 GRPA_T2	12	8	-4	0.69	0	-0.69	0.12	0.1	0	0	0	0	0	0
11/21/2023 18:12	56802 BENV_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/21/2023 18:12	44901 SCOT_T2	0	0	0	0	0	0	-0.58	-0.58	0	0	0	0	0	0
11/21/2023 18:12	67503 WEWI_T2	0	0	0	0	0	0	-0.27	-0.17	0	0	0	0	0	0
11/21/2023 18:12	47802 MOCA_T2	0	0	0	0	0	0	-0.99	-1.01	0	0	0	0	0	0
11/21/2023 18:12	53501 EVIL_T2	2	3	1	0.65	0.47	-0.18	-1.22	-1.2	2	2	0	1200	1200	0
11/21/2023 18:12	57403 SPAN_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/21/2023 18:13	56802 BENV_T2	0	4	4	0	0.3	0.3	-1.27	-1.25	0	0	0	0	0	0
11/21/2023 18:13	43302 WATS_T2	0	4	4	0	0.43	0.43	0	0	0	0	0	0	0	0
11/21/2023 18:13	13302 ORVI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/21/2023 18:13	48302 ORWI_T2	2	5	3	0.6	1.05	0.45	0.1	0.13	0	0	0	0	0	0
11/21/2023 18:13	43201 MVIL_T2	1	0	-1	0.2	0	-0.2	-0.35	-0.32	0	0	0	0	0	0
11/21/2023 18:13	13904 SEID_T1	0	3	3	0	0.13	0.13	0	0	0	0	0	0	0	0
11/21/2023 18:13	42701 AUGU_T1	0	0	0	0	0	0	0	0	2	2	0	1800	1800	0
11/21/2023 18:14	52004 LING_T2	1	1	0	0.9	0.7	-0.2	0	0	0	0	0	0	0	0
11/21/2023 18:14	55002 NEWP_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/21/2023 18:14	57401 SPAN_T1	2	1	-1	0.25	0.2	-0.05	-0.7	-0.67	1	1	0	600	600	0
11/21/2023 18:14	52502 PROG_T2	0	0	0	0	0	0	0.47	0.52	0	0	0	0	0	0
11/21/2023 18:14	54701 NEBL_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/21/2023 18:14	43001 ALWD_T1	0	2	2	0	0.1	0.1	0	0	0	0	0	0	0	0
11/21/2023 18:15	55002 NEWP_T1	5	4	-1	0.88	0.9	0.02	-0.2	-0.22	0	0	0	0	0	0
11/21/2023 18:15	40101 HUNT_T2	14	25	11	0.46	0.41	-0.05	-0.67	-0.71	0	0	0	0	0	0
11/21/2023 18:15	43304 WATS_T2	0	4	4	0	0.7	0.7	0	0	0	0	0	0	0	0
11/21/2023 18:15	45902 AUBU_T1	0	0	0	0	0	0	-0.83	-0.84	1	1	0	600	600	0
11/21/2023 18:16	43401 BENT_T1	1	4	3	1	0	-1	0	0	0	0	0	0	0	0
11/21/2023 18:16	41902 REED_T1	11	13	2	0.55	0.82	0.27	0.23	0.23	0	0	0	0	0	0
11/21/2023 18:16	20603 GRWO_T2	13	0	-13	0.3	0	-0.3	0.45	0.45	1	0	-1	900	0	-900
11/21/2023 18:16	17805 GILB_T2	0	0	0	0	0	0	0.13	0.17	0	0	0	0	0	0
11/21/2023 18:16	14403 SSLA_T1	0	0	0	0	0	0	0.83	0.83	0	0	0	0	0	0
11/21/2023 18:16	45501 DERR_T2	0	0	0	0	0	0	0.48	0.51	2	2	0	1800	1800	0
11/21/2023 18:16	43302 WATS_T2	4	4	0	0.25	0.43	0.18	0	0	0	0	0	0	0	0
11/21/2023 18:16	52403 GRPA_T2	0	8	8	0	1.6	1.6	0	0	0	0	0	0	0	0
11/21/2023 18:16	48901 FOSP_T2	0	0	0	0	0	0	-0.39	-0.4	1	1	0	600	600	0
11/21/2023 18:16	13302 ORVI_T2	138	44	-94	0.24	0.26	0.02	0.77	0.82	0	0	0	0	0	0
11/21/2023 18:16	64101 REFR_T1	0	0	0	0	0	0	-0.02	-0.03	0	0	0	0	0	0
11/21/2023 18:17	45902 AUBU_T1	0	0	0	0	0	0	-0.83	-0.84	1	1	0	600	600	0
11/21/2023 18:17	43402 BENT_T1	0	0	0	0	0	0	-1.51	-1.48	2	2	0	1500	1500	0
11/21/2023 18:17	67502 WEWI_T2	0	0	0	0	0	0	-0.38	-0.34	0	0	0	0	0	0
11/21/2023 18:17	13302 ORVI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/21/2023 18:17	51306 WIND_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/21/2023 18:17	45302 WBER_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/21/2023 18:17	46203 DANV_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/21/2023 18:17	61102 BERK_T5	0	0	0	0	0	0	1.18	1.16	1	1	0	300	300	0
11/21/2023 18:17	27502 WEIS_T2	0	0	0	0	0	0	-0.32	-0.41	0	0	0	0	0	0
11/21/2023 18:17	64101 REFR_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/21/2023 18:18	57403 SPAN_T1	4	6	2	0.13	0.18	0.05	0	0	0	0	0	0	0	0
11/21/2023 18:18	12701 MACU_T1	1	0	-1	0.3	0	-0.3	0.19	0.19	0	0	0	0	0	0
11/21/2023 18:18	65001 NEFF_T2	197	132	-65	0.22	0.16	-0.06	-0.8	-0.81	1	1	0	1200	1200	0
11/21/2023 18:18	44301 BEAV_T2	0	0	0	0	0	0	-0.19	-0.17	1	1	0	600	600	0
11/21/2023 18:18	52202 DEVO_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/21/2023 18:18	56501 ROCK_T2	86	83	-3	0.23	0.21	-0.02	-1.36	-1.31	0	0	0	0	0	0
11/21/2023 18:18	45902 AUBU_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/21/2023 18:18	52403 GRPA_T2	0	8	8	0	1.6	1.6	0	0	0	0	0	0	0	0
11/21/2023 18:19	52404 GRPA_T2	0	2	2	0	0.2	0.2	0.03	0.02	0	0	0	0	0	0
11/21/2023 18:19	56802 BENV_T2	4	9	5	0.3	0.2	-0.1	-1.27	-1.25	0	0	0	0	0	0
11/21/2023 18:19	54701 NEBL_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/21/2023 18:19	44905 SCOT_T1	13	11	-2	0.58	0.53	-0.05	0	0	0	0	0	0	0	0
11/21/2023 18:19	65004 NEFF_T2	1	0	-1	0.1	0	-0.1	0	0	0	0	0	0	0	0
11/21/2023 18:19	58302 NOTT_T1	0	0	0	0	0	0	-0.36	-0.39	1	1	0	1200	1200	0
11/21/2023 18:19	43304 WATS_T2	0	4	4	0	0.7	0.7	0	0	0	0	0	0	0	0
11/21/2023 18:19	46001 BERW_T1	0	0	0	0	0	0	1.94	1.98	0	0	0	0	0	0
11/21/2023 18:19	52502 PROG_T2	0	0	0	0	0	0	0.47	0.52	0	0	0	0	0	0
11/21/2023 18:19	53501 EVIL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/21/2023 18:20	55002 NEWP_T1	5	4	-1	0.88	0.9	0.02	-0.2	-0.22	0	0	0	0	0	0
11/21/2023 18:20	44301 BEAV_T2	0	0	0	0	0	0	-0.19	-0.17	1	1	0	600	600	0
11/21/2023 18:20	44601 SALE_T2	0	0	0	0	0	0	-0.05	-0.03	0	0	0	0	0	0
11/21/2023 18:20	52402 GRPA_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/21/2023 18:20	43302 WATS_T2	4	4	0	0.25	0.43	0.18	0	0	0	0	0	0	0	0
11/21/2023 18:20	57403 SPAN_T1	4	6	2	0.13	0.18	0.05	0.15	0.14	0	0	0	0	0	0
11/21/2023 18:20	66503 SMAN_T2	10	0	-10	0.14	0	-0.14	0	0	0	0	0	0	0	0
11/21/2023 18:20	42701 AUGU_T1	0	0	0	0	0	0	0	0	2	2	0	1800	1800	0
11/21/2023 18:20	44901 SCOT_T2	0	0	0	0	0	0	-0.58	-0.58	0	0	0	0	0	0
11/21/2023 18:20	53501 EVIL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/21/2023 18:20	64101 REFR_T1	0	0	0	0	0	0	-0.02	-0.03	0	0	0	0	0	0
11/21/2023 18:21	22901 HARW_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/21/2023 18:21	67502 WEWI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/21/2023 18:21	64101 REFR_T1	0	0	0	0	0	0	-0.02	-0.03	0	0	0	0	0	0
11/21/2023 18:21	24902 WHHA_T1	1	1	1	0	0.1	0.1	0.72	0.71	0	0	0	0	0	0
11/21/2023 18:21	63305 GREE_T1	3	1	-2	0.17	0.4	0.23	-1.24	-1.35	0	0	0	0	0	0
11/21/2023 18:21	45902 AUBU_T1	0	0	0	0	0	0	-0.83	-0.84	1	1	0	600	600	0
11/21/2023 18:21	46903 MNTG_T2	0	2	2	0	0.1	0.1	0	0	0	0	0	0	0	0
11/21/2023 18:21	52403 GRPA_T2	0	8	8	0	1.6	1.6	0.12	0.1

11/21/2023 18:25	46004 BERW_T2	0	3	3	0	0.5	0.5	0	0	0	0	0	0	0	0
11/21/2023 18:25	61801 EELI_T2	0	0	0	0	0	0	-0.93	-0.93	1	1	0	600	600	0
11/21/2023 18:25	67502 WEWI_T2	0	0	0	0	0	0	-0.77	-0.67	0	0	0	0	0	0
11/21/2023 18:26	14403 SSLA_T1	0	0	0	0	0	0	0.83	0.82	0	0	0	0	0	0
11/21/2023 18:26	55101 WERT_T1	0	0	0	0	0	0	-1.8	-1.84	2	2	0	1500	1500	0
11/21/2023 18:26	44901 SCOT_T2	0	0	0	0	0	0	-0.58	-0.63	0	0	0	0	0	0
11/21/2023 18:26	29401 BELT_T1	67	83	16	0.42	0.43	0.01	0	0	1	1	0	900	900	0
11/21/2023 18:26	16302 ALPA_T2	0	0	0	0	0	0	-0.65	-0.61	0	0	0	0	0	0
11/21/2023 18:26	29402 BELT_T1	1	2	1	7.7	8	0.3	0	0	0	0	0	0	0	0
11/21/2023 18:26	55002 NEWP_T1	5	4	-1	0.88	0.9	0.02	-0.22	-0.22	0	0	0	0	0	0
11/21/2023 18:26	45802 HEGI_T2	0	0	0	0	0	0	0.36	0.63	0	0	0	0	0	0
11/21/2023 18:26	45501 DERR_T2	0	0	0	0	0	0	0.51	0.47	2	2	0	1800	1800	0
11/21/2023 18:27	24901 WHHA_T1	0	2	2	0	0	0	0	0	0	0	0	0	0	0
11/21/2023 18:27	44601 SALE_T2	0	0	0	0	0	0	-0.03	-0.04	0	0	0	0	0	0
11/21/2023 18:27	53901 HALI_T2	1	0	-1	0.1	0	-0.1	0	0	0	0	0	0	0	0
11/21/2023 18:27	43402 BENT_T1	0	0	0	0	0	0	-1.48	-1.48	2	2	0	1500	1500	0
11/21/2023 18:27	47001 HUGH_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/21/2023 18:27	43302 WATS_T2	4	4	0	0.25	0.43	0.18	0	0	0	0	0	0	0	0
11/21/2023 18:27	15001 BLMO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/21/2023 18:27	16302 ALPA_T2	0	0	0	0	0	0	-0.65	-0.61	0	0	0	0	0	0
11/21/2023 18:28	47901 HROG_T1	0	0	0	0	0	0	1.61	1.61	0	0	0	0	0	0
11/21/2023 18:28	64101 REFR_T1	0	0	0	0	0	0	-0.05	-0.01	0	0	0	0	0	0
11/21/2023 18:28	17802 GILB_T1	0	0	0	0	0	0	-0.02	-0.02	0	0	0	0	0	0
11/21/2023 18:28	12202 FOGE_T2	34	79	45	0.13	0.19	0.06	0	0	1	1	0	600	600	0
11/21/2023 18:28	15001 BLMO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/21/2023 18:28	60201 ATGL_T2	0	0	0	0	0	0	0.07	0.29	1	1	0	300	300	0
11/21/2023 18:28	67503 WEWI_T2	0	0	0	0	0	0	-0.17	-0.14	0	0	0	0	0	0
11/21/2023 18:28	44301 BEAV_T2	0	0	0	0	0	0	-0.17	-0.16	1	1	0	600	600	0
11/21/2023 18:28	12701 MACU_T1	1	2	-1	0.3	0	-0.3	0.19	0.18	0	0	0	0	0	0
11/21/2023 18:28	43202 MVIL_T2	0	0	0	0	0	0	-0.65	-0.63	0	0	0	0	0	0
11/21/2023 18:29	43401 BENT_T1	1	4	3	1	0	-1	0	0	0	0	0	0	0	0
11/21/2023 18:29	41902 REED_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/21/2023 18:29	55101 WERT_T1	0	0	0	0	0	0	-1.8	-1.84	2	2	0	1500	1500	0
11/21/2023 18:29	40101 HUNT_T2	14	25	11	0.46	0.41	-0.05	-0.71	-0.67	0	0	0	0	0	0
11/21/2023 18:29	60201 ATGL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/21/2023 18:29	67502 WEWI_T2	0	0	0	0	0	0	-0.34	-0.36	0	0	0	0	0	0
11/21/2023 18:30	40101 HUNT_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/21/2023 18:31	56801 BENV_T1	12	32	20	0.54	0.43	-0.11	-0.61	-0.63	1	1	0	600	600	0
11/21/2023 18:31	53501 EVIL_T2	2	2	0	0.35	0.35	0	-1.2	-1.29	2	2	0	1200	1200	0
11/21/2023 18:31	58402 MORO_T1	0	1	1	0	0	0	-1.75	-1.76	3	3	0	2400	2400	0
11/21/2023 18:32	27101 GFLD_T2	1	2	1	2.2	2.2	0	0.44	0.46	0	0	0	0	0	0
11/21/2023 18:32	15001 BLMO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/21/2023 18:32	67201 TEHI_T1	0	1	1	0	0	0	0	0	0	0	0	0	0	0
11/21/2023 18:32	17802 GILB_T1	0	8	8	0	0	0	-0.04	-0.04	0	0	0	0	0	0
11/21/2023 18:32	11804 FRAN_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/21/2023 18:32	49803 UNIV_T1	0	0	0	0	0	0	-1.06	-1.03	0	0	0	0	0	0
11/21/2023 18:33	65902 SAKR_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/21/2023 18:33	54701 NEBL_T1	1	2	1	0.1	0.3	0.2	0	0	1	1	0	600	600	0
11/21/2023 18:33	64101 REFR_T1	0	0	0	0	0	0	-0.03	-0.01	0	0	0	0	0	0
11/21/2023 18:33	29402 BELT_T1	2	1	-1	4.25	8	3.75	0	0	0	0	0	0	0	0
11/21/2023 18:33	61102 BERK_T5	0	0	0	0	0	0	1.16	1.32	1	1	0	300	300	0
11/21/2023 18:34	29401 BELT_T1	70	102	32	0.41	0.48	0.07	0	0	1	1	0	900	900	0
11/21/2023 18:34	44301 BEAV_T2	0	0	0	0	0	0	-0.17	-0.16	1	1	0	600	600	0
11/21/2023 18:35	15001 BLMO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/21/2023 18:35	63305 GREE_T1	0	1	1	0	0.4	0.4	-1.35	-1.34	0	0	0	0	0	0
11/21/2023 18:35	45402 WILO_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/21/2023 18:37	66703 STRA_T1	1	1	0	0.2	0.3	0.1	-0.19	-0.19	0	0	0	0	0	0
11/21/2023 18:39	52403 GRPA_T2	8	1	-7	0.59	0	-0.59	0.1	0.07	0	0	0	0	0	0
11/21/2023 18:39	59101 WALK_T2	1	1	0	0	0	0	6.65	6.83	5	5	0	2250	2250	0
11/21/2023 18:39	16302 ALPA_T2	0	0	0	0	0	0	-0.65	-0.61	0	0	0	0	0	0
11/21/2023 18:39	13105 NHAM_T2	7	7	0	0.21	0	-0.21	-0.22	-0.14	1	1	0	1200	1200	0
11/21/2023 18:42	15001 BLMO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/21/2023 18:49	10801 CHHI_T1	0	0	0	0	0	0	-1.4	-1.39	2	2	0	1500	1500	0
11/21/2023 18:57	43401 BENT_T1	4	0	-4	0.23	0	-0.23	0	0	0	0	0	0	0	0
11/21/2023 18:57	46206 DANV_T2	0	4	4	0	0	0	0	0	0	0	0	0	0	0
11/21/2023 19:29	40101 HUNT_T2	29	23	-6	0.79	0.52	-0.27	-0.67	-0.67	0	0	0	0	0	0
11/21/2023 19:46	40101 HUNT_T2	20	17	-3	0.57	0.55	-0.02	-0.67	-0.66	0	0	0	0	0	0
11/21/2023 20:06	16302 ALPA_T2	0	0	0	0	0	0	-0.65	-0.62	0	0	0	0	0	0
11/22/2023 0:28	67502 WEWI_T2	0	0	0	0	0	0	-1.64	-1.61	1	1	0	900	900	0
11/22/2023 0:28	41902 REED_T1	3	4	1	0.57	0	-0.57	0.36	0.32	0	0	0	0	0	0
11/22/2023 0:28	45501 DERR_T2	0	0	0	0	0	0	-0.14	-0.29	2	2	0	1800	1800	0
11/22/2023 0:36	41902 REED_T1	4	0	-4	1	0	-1	0.18	0.16	0	0	0	0	0	0
11/22/2023 0:42	63305 GREE_T1	0	0	0	0	0	0	-1.73	-1.73	1	1	0	900	900	0
11/22/2023 1:21	44901 SCOT_T2	0	0	0	0	0	0	1.17	1.07	0	0	0	0	0	0
11/22/2023 1:45	52402 GRPA_T2	2	4	2	1.6	0.98	-0.62	0	0	0	0	0	0	0	0
11/22/2023 4:06	43402 BENT_T1	0	0	0	0	0	0	-1.54	-1.52	2	2	0	1500	1500	0
11/22/2023 4:15	43402 BENT_T1	0	0	0	0	0	0	-1.52	-1.52	2	2	0	1500	1500	0
11/22/2023 4:17	54701 NEBL_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/22/2023 4:17	63305 GREE_T1	0	0	0	0	0	0	-1.54	-1.54	0	0	0	0	0	0
11/22/2023 4:18	43304 WATS_T2	0	0	0	0	0	0	-0.51	-0.54	0	0	0	0	0	0
11/22/2023 5:08	45501 DERR_T2	1	1	0	1	0	-0.46	-0.51	-0.51	2	2	0	1800	1800	0
11/22/2023 5:15	63305 GREE_T1	0	0	0	0	0	0	-1.51	-1.54	0	0	0	0	0	0
11/22/2023 6:13	63305 GREE_T1	0	0	0	0	0	0	-2.45	-2.49	0	1	1	0	900	900
11/22/2023 7:21	63305 GREE_T1	1	1	0	0.1	0.1	0	-1.31	-1.29	0	0	0	0	0	0
11/22/2023 7:53	45501 DERR_T2	0	0	0	0	0	0	0.62	0.82	2	2	0	1800	1800	0
11/22/2023 7:53	43402 BENT_T1	0	0	0	0	0	0	-1.47	-1.36	2	1	-1	1500	900	-600
11/22/2023 7:54	46206 DANV_T2	1	1	0	0.2	0	-0.2	0	0	0	0	0	0	0	0
11/22/2023 7:56	43401 BENT_T1	0	1	1	0	0	0	0	0	0	0	0	0	0	0
11/22/2023 8:10	46206 DANV_T2	1	0	-1	0.1	0	-0.1	0	0	0	0	0	0	0	0
11/22/2023 8:11	46206 DANV_T2	1	0	-1	0.1	0	-0.1	0	0	0	0	0	0	0	0
11/22/2023 8:11	45501 DERR_T2	0	0	0	0	0	0	0.67	0.71	2	2	0	1800	1800	0
11/22/2023 8:23	43402 BENT_T1	0	3	3	0	0.1	0.1	-0.73	-1.29	2	2	0	1500	1500	0
11/22/2023 8:29	43402 BENT_T1	0	3	3	0	0.1	0.1	-1.29	-1.26	2	2	0	1500	1500	0
11/22/2023 8:32	55002 NEWP_T1	5	6	1	0.3	0.52	0.22	-0.24	-0.22	0	0	0	0	0	0
11/22/2023 8:33	54701 NEBL_T1	0	0	0	0	0	0	0	0	1	1	0	600	600	0
11/22/2023 8:34	54701 NEBL_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/22/2023 8:35	40101 HUNT_T2	18	5	-13	0.43	0	-0.43	-0.49	-0.53	0	0	0	0	0	0
11/22/2023 8:48	54701 NEBL_T1	0	0	0	0	0	0	0	0	1	1	0	600	600	0
11/22/2023 8:50	54701 NEBL_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/22/2023 9:00	13901 SEID_T1	0	0	0	0	0	0	0.18	0.18	0	0	0	0	0	0
11/22/2023 9:00	52503 PROG_T2	0	0	0	0	0	0	-0.65	-0.68	1	1	0	900	900	0
11/22/2023 9:00	60604 NCOL_T2	0	0	0	0	0	0	0.21	0.27	0	0	0	0	0	0
11/22/2023 9:00	13302 ORVI_T2	6	226	220	0.17	0.21	0.04	0.73	0.74	0	0	0	0	0	0
11/22/2023 9:01	25402 LAHA_T2	0	0	0	0	0	0	-0.8	-0.81	0	0	0	0	0	0
11/22/2023 9:01	52502 PROG_T2	0	1	1	0	0	0	0.3	0.3	0	0	0	0	0	0
11/22/2023 9:06	67502 WEWI_T2	0	14	14	0	0.15	0.15	0	0	0	0	0	0	0	0
11/22/2023 9:07	14802 TREI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/22/2023 9:08	46203 DANV_T2	0	0	0	0	0	0	-0.03	-0.05	0	0	0	0	0	0
11/22/2023 9:11	45502 DERR_T2	1	0	-1	0.1	0	-0.1	0	0	0	0	0	0	0	0
11/22/2023 9:12	45502 DERR_T2	1	0	-1	0.1	0	-0.1	0	0	0	0	0	0	0	0
11/22/2023 9:13	46203 DANV_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/22/2023 9:15	54701 NEBL_T1	0	0	0	0	0	0	0	0	1	1	0	600	600	0
11/22/2023 9:19	55002 NEWP_T1	6	7	1	0.45	0.57	0.12	-0.21	-0.2	0	0	0	0	0	0
11/22/2023 9:20	43304 WATS_T2	0	0	0	0	0	0	-0.62	-0.64	0	0	0	0	0	0
11/22/2023 9:23	43304 WATS_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/22/2023 9:24	29402 BELT_T1	1	1	0	7.2	7.2	0	0	0	0	0	0	0	0	0
11/22/2023 9:25	41801 GOCI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/22/2023 9:27	46801 HEPB_T2	2	2	0	0.45	0.4	-0.05	0.62	0.61	0	0	0	0	0	0
11/22/2023 9:27	41801 GOCI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/22/2023 9:29	45802 HEGI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/22/2023 9:29	43402 BENT_T1	1	2	1	0.2	0	-0.2	-1.3	-1.27	2	2	0	1500	1500	0
11/22/2023 9:30	45802 HEGI_T2	1	0	-1	0.2	0	-0.2	0.68	0.51	1	1	0	900	900	0
11/22/2023 9:31	26401 INOR_T1	0	1	1	0	4.4	4.4	0	0	0	0	0	0	0	0
11/22/2023 9:31	13302 ORVI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/22/2023 9:34	13302 ORVI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/22/2023 9:35	26401 INOR_T1	0	1	1	0	4.4	4.4	0	0	0	0	0	0	0	0
11/22/2023 9:35	67502 WEWI_T2	14	49	35	0.15	0.16	0.01	-1.18	-1.26	1	1	0	900	900	0
11/22/2023 9:36	56501 ROCK_T2	1	0	-1	0.2	0	-0.2	-0.9	-0.96	0	0	0	0	0	0
11/22/2023 9:36	45902 AUBU_T1	0	0	0	0	0	0	-0.59	-0.43	1	1	0	600	600	0
11/22/2023 9:37	67503 WEWI_T2	0	0	0	0	0	0	-0.33	-0.31	0	0	0	0	0	0
11/22/2023 9:37	56802 BENV_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/22/2023 9:38	56802 BENV_T2	3	10	7	0.5	0.22	-0.28	-2.82	-2.92	0	0	0	0	0	0
11/22/2023 9:38	45902 AUBU_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/22/2023 9:39	56802 BENV_T2	3	10	7	0.5	0.22	-0.28	-1.41	-1.46	0	0	0	0	0	0
11/22/2023 9:39	42201 SHEN_T2	0	0	0	0	0	0	0.1	0.13	1	1	0	600	600	0
11/22/2023 9:39	45902 AUBU_T1	0	0	0	0	0	0	-0.59	-0.43	1	1	0	600	600	0
11/22/2023 9:39	67502 WEWI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/22/2023 9:40	45902 AUBU_T1	0	0	0	0	0	0	-0.59	-0.43	1	1	0	600	600	0
11/22/2023 9:40	40101 HUNT_T2	1	1	0	0.4	0	-0.4	-0.49	-0.5	0	0	0	0	0	0
11/22/2023 9:40	67502 WEWI_T2	14	49	35	0.15	0.16	0.01	-1.18	-1.26	1	1	0	900	900	0
11/22/2023 9:40	56802 BENV_T2	3	10	7	0.5	0.22	-0.28	-1.41	-1.46	0	0	0	0	0	0
11/22/2023 9:41	56802 BENV_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/22/2023 9:41	17802 GILB_T1	0	0	0	0	0	0	0.18	0.14	0	0	0	0	0	0
11/22/2023 9:42	45902 AUBU_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/22/2023 9:45	50103 HARR_T3	2	2	0	0.95	0.5	-0.45	0	0	0	0	0	0	0	0
11/22/2023 9:54	45901 AUBU_T1	0	0	0	0	0	0	1.48	1.54	0	0	0	0	0	0
11/22/2023 9:55	29402 BELT_T1	1	1	0	7.1	7.6	0.5	0	0	0	0	0	0	0	0
11/22/2023 9:56	29402 BELT_T1	1	1	0	7.1	7.6	0.5	0	0	0	0	0	0	0	0
11/22/2023 9:57	50103 HARR_T3	2	2	0	0.95	0.5	-0.45	0	0	0	0	0	0	0	0
11/22/2023 9:59	52402 GRPA_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/22/2023 10:00	52402 GRPA_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/22/2023 10:01	63401 HONY_T1	0	0	0	0	0	0	0.87	0.91	0	0	0	0	0	0
11/22/2023 10:02	54701 NEBL_T1	0	0	0	0	0	0	0	0	1	1	0	600	600	0
11/22/2023 10:03	64802 MONE_T2	1	0	-1	0.1	0	-0.1	0.11	0.15	0	0	0	0	0	0
11/22/2023 10:03	57403 SPAN_T1	5	24	19	0.12	0.24	0.12	0	0	0	0	0	0	0	0
11/22/2023 10:03	43201 MVIL_T2	0	0	0	0	0	0	-1.24	-1.15	0	0	0	0	0	0
11/22/2023 10:04	40101 HUNT_T2	0	14	14	0	0.1	0.1	-0.54	-0.36	0	0	0	0	0	0
11/22/2023 10:04	44901 SCOT_T2	0	0	0	0	0	0	-0.33	-0.34	0	0	0	0	0	0
11/22/2023 10:05	57403 SPAN_T1	5	24	19	0.12	0.24	0.12	0	0	0	0	0	0	0	0
11/22/2023 10:06	43302 WATS_T2	0	1	1	0	0.1	0.1	0	0	0	0	0	0	0	0
11/22/2023 10:06	44901 SCOT_T2	0	0	0	0	0	0	-0.33	-0.34	0	0	0	0	0	0
11/22/2023 10:07	43301 WATS_T2	0	1	1	0	0.1	0.1	0	0	0	0	0	0	0	0
11/22/2023 10:07	56802 BENV_T2	3	6	3	0.4	0.32	-0.08	-1.45	-1.46	0	0	0	0	0	0
11/22/2023 10:08	57403 SPAN_T1	5	24	19	0.12	0.24	0.12	0	0	0	0	0	0	0	0
11/22/2023 10:08	56802 BENV_T2	3	6	3	0.4	0.32	-0.08	-1.45	-1.46	0	0	0	0	0	0
11/22/2023 10:09	42701 AUGU_T1	1	1	0	0.2	0.2	0	0	0	2	2	0	1800	1800	0
11/22/2023 10:09	40101 HUNT_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/22/2023 10:09	67203 TEHI_T1	0	0	0	0	0	0	2.43	2.52	2	2	0	1200	1200	0
11/22/2023 10:09	56802 BENV_T2	3	6	3	0.4	0.32	-0.08	-1.45	-1.46	0	0	0	0	0	0
11/22/2023 10:10	46203 DANV_T2	0	0	0	0	0	0	-0.02	-0.07	0	0	0	0	0	0
11/22/2023 10:10	42701 AUGU_T1	1	1	0	0.2	0.2	0	0	0	2	2	0	1800	1800	0
11/22/2023 10:10	53501 EVIL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/22/2023 10:11	53501 EVIL_T2	2	3	1	0.35	0.47	0.12	-0.43	-0.37	1	1	0	600	600	0
11/22/2023 10:12	53901 HALI_T2	0	1	1	0	0.1	0.1	0	0	0	0	0	0	0	0
11/22/2023 10:12	53501 EVIL_T2	2	3	1	0.35	0.47	0.12	-0.43	-0.37	1	1	0	600	600	0
11/22/2023 10:13	53501 EVIL_T2	2	3	1	0.35	0.47	0.12	-0.43	-0.37	1	1	0	600	600	0
11/22/2023 10:14	52402 GRPA_T2	2	5	3	2.15	0.98	-1.17	0	0	0	0	0	0	0	0
11/22/2023 10:15	52403 GRPA_T2	0	0	0	0	0	0	0.07	0.08	0	0	0	0	0	0
11/22/2023 10:15	53501 EVIL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/22/2023 10:16	52402 GRPA_T2	4	3	-1	1.03	1.37	0.34	0	0	0	0	0	0	0	0
11/22/2023 10:16	55002 NEWP_T1	4	6

11/22/2023 10:38	43302 WATS_T2	1	0	-1	0.1	0	-0.1	0	0	0	0	0	0	0
11/22/2023 10:39	43301 WATS_T2	0	2	2	0	0.15	0.15	-0.64	-0.61	1	1	0	900	900	0
11/22/2023 10:39	46203 DANV_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/22/2023 10:39	43302 WATS_T2	1	0	-1	0.1	0	-0.1	0	0	0	0	0	0	0	0
11/22/2023 10:40	43301 WATS_T2	0	2	2	0	0.15	0.15	0	0	0	0	0	0	0	0
11/22/2023 10:41	45902 AUBU_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/22/2023 10:42	54504 ENOL_T2	0	0	0	0	0	0	-1.08	-1.08	1	1	0	600	600	0
11/22/2023 10:42	54502 ENOL_T2	1	0	0	0.3	0.5	0.2	0	0	0	0	0	0	0	0
11/22/2023 10:42	64204 KINZ_T1	1	1	0	0.6	0.9	0.3	0	0	0	0	0	0	0	0
11/22/2023 10:42	46004 BERW_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/22/2023 10:43	40902 JESH_T1	0	0	0	0	0	0	-0.92	-1.01	1	1	0	600	600	0
11/22/2023 10:44	47001 HUGH_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/22/2023 10:44	45702 LIND_T2	1	1	0	1	1.1	0.1	-0.43	-0.37	0	0	0	0	0	0
11/22/2023 10:45	47001 HUGH_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/22/2023 10:46	46801 HEPB_T2	2	2	0	0.45	0.6	0.15	0.62	0.63	0	0	0	0	0	0
11/22/2023 10:47	40602 PIGR_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/22/2023 10:48	44901 SCOT_T2	0	0	0	0	0	0	-0.13	-0.3	0	0	0	0	0	0
11/22/2023 10:48	64801 MONE_T2	1	1	0	1.2	0.1	0.4	0	0	0	0	0	0	0	0
11/22/2023 10:49	64101 REFR_T1	0	0	0	0	0	0	-0.21	-0.21	0	0	0	0	0	0
11/22/2023 10:50	57403 SPAN_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/22/2023 10:51	45402 WBLO_T2	1	2	1	0.2	1.6	1.4	0	0	0	0	0	0	0	0
11/22/2023 10:51	55105 WERT_T1	0	0	0	0	0	0	-0.7	-0.72	1	1	0	900	900	0
11/22/2023 10:51	40602 PIGR_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/22/2023 10:52	57401 SPAN_T1	23	2	-21	0.3	0.7	0.4	0	0	0	0	0	0	0	0
11/22/2023 10:52	27502 WEIS_T2	0	0	0	0	0	0	-0.5	-0.46	0	0	0	0	0	0
11/22/2023 10:52	60201 ATGL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/22/2023 10:53	56801 BENV_T1	19	15	-4	0.48	0.35	-0.13	-0.8	-0.76	1	1	0	600	600	0
11/22/2023 10:54	59101 WALK_T2	1	1	0	0	0	0	2.2	1.69	1	1	0	600	600	0
11/22/2023 10:55	44301 BEAV_T2	1	1	0	1.2	0	-1.2	1.08	0.68	4	4	0	3000	3000	0
11/22/2023 10:56	56801 BENV_T1	19	15	-4	0.48	0.35	-0.13	-0.76	-0.78	1	1	0	600	600	0
11/22/2023 10:56	64101 REFR_T1	0	0	0	0	0	0	-0.21	-0.14	0	0	0	0	0	0
11/22/2023 11:00	26401 INOR_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/22/2023 11:00	58402 MORO_T1	0	0	0	0	0	0	-1.26	-1.31	2	2	0	1500	1500	0
11/22/2023 11:02	54206 PENN_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/22/2023 11:03	60801 BUCK_T1	0	0	0	0	0	0	-0.45	0.07	1	0	-1	600	0	-600
11/22/2023 11:04	46903 MNTG_T2	0	1	1	0	0.7	0.7	0.22	0.23	1	1	0	600	600	0
11/22/2023 11:05	52501 PROG_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/22/2023 11:06	60201 ATGL_T2	0	0	0	0	0	0	0.25	0.34	1	1	0	300	300	0
11/22/2023 11:07	29402 BELT_T1	1	1	0	7.4	7.4	0	0	0	0	0	0	0	0	0
11/22/2023 11:07	56802 BENV_T2	40	65	25	0.19	0.18	-0.01	-2.88	-2.84	0	0	0	0	0	0
11/22/2023 11:08	60803 BUCK_T1	0	0	0	0	0	0	-0.94	-0.98	1	1	0	600	600	0
11/22/2023 11:10	29402 BELT_T1	1	1	0	7.4	7.4	0	0	0	0	0	0	0	0	0
11/22/2023 11:10	56802 BENV_T2	40	65	25	0.19	0.18	-0.01	-1.44	-1.42	0	0	0	0	0	0
11/22/2023 11:11	60803 BUCK_T1	0	0	0	0	0	0	-0.98	-0.96	1	1	0	600	600	0
11/22/2023 11:11	44301 BEAV_T2	1	0	-1	0.9	0	-0.9	0.24	0.15	2	2	0	1500	1500	0
11/22/2023 11:12	45902 AUBU_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/22/2023 11:12	46801 HEPB_T2	2	2	0	0.6	0.5	-0.1	0.63	0.58	0	0	0	0	0	0
11/22/2023 11:14	48901 FOSP_T2	0	0	0	0	0	0	-0.16	-0.16	1	1	0	600	600	0
11/22/2023 11:16	55002 NEWP_T1	8	11	3	0.73	0.85	0.12	-0.22	-0.2	0	0	0	0	0	0
11/22/2023 11:16	26401 INOR_T1	0	1	1	0	0	0	0.77	0.69	0	0	0	0	0	0
11/22/2023 11:17	59003 MIFF_T1	0	0	0	0	0	0	-0.94	-1.21	0	0	0	0	0	0
11/22/2023 11:19	67402 WAKE_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/22/2023 11:19	14403 SSLA_T1	0	0	0	0	0	0	0.86	0.82	0	0	0	0	0	0
11/22/2023 11:20	48901 FOSP_T2	0	0	0	0	0	0	-0.16	-0.16	1	1	0	600	600	0
11/22/2023 11:22	67401 WAKE_T2	0	0	0	0	0	0	-1.14	-1.12	0	0	0	0	0	0
11/22/2023 11:23	67502 WEWI_T2	0	3	3	0	0.5	0.5	-0.29	-0.27	0	0	0	0	0	0
11/22/2023 11:25	48901 FOSP_T2	0	0	0	0	0	0	-0.16	-0.16	1	1	0	600	600	0
11/22/2023 11:28	39601 LNFD_T1	0	11	11	0	0	0	0	0	0	0	0	0	0	0
11/22/2023 11:28	61801 EELI_T2	0	0	0	0	0	0	-0.4	-0.4	0	0	0	0	0	0
11/22/2023 11:29	46004 BERW_T2	0	0	0	0	0	0	-0.7	-0.71	0	0	0	0	0	0
11/22/2023 11:30	64802 MONE_T2	0	0	0	0	0	0	-0.01	-0.02	0	0	0	0	0	0
11/22/2023 11:32	26401 INOR_T1	0	1	1	0	0	0	0	0	0	0	0	0	0	0
11/22/2023 11:33	52403 GRPA_T2	6	0	-6	0.8	0	-0.8	0.06	0.03	0	0	0	0	0	0
11/22/2023 11:35	67402 WAKE_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/22/2023 11:35	44901 SCOT_T2	0	0	0	0	0	0	1	-0.2	0	0	0	0	0	0
11/22/2023 11:37	59101 WALK_T2	1	1	0	0	0	0	2.02	1.98	0	0	0	0	0	0
11/22/2023 11:38	40101 HUNT_T2	1	1	0	0.6	0.3	-0.3	-0.68	-0.74	0	0	0	0	0	0
11/22/2023 11:38	67605 WARW_T1	0	2	2	0	0.15	0.15	-1.29	-1.25	0	0	0	0	0	0
11/22/2023 11:38	67401 WAKE_T2	0	0	0	0	0	0	-1.12	-1.15	0	0	0	0	0	0
11/22/2023 11:38	44901 SCOT_T2	0	0	0	0	0	0	1	-0.2	0	0	0	0	0	0
11/22/2023 11:39	14802 TREI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/22/2023 11:39	40101 HUNT_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/22/2023 11:39	55105 WERT_T1	0	0	0	0	0	0	-0.7	-0.71	1	1	0	900	900	0
11/22/2023 11:41	60502 NMAN_T2	0	0	0	0	0	0	-0.28	-0.26	0	0	0	0	0	0
11/22/2023 11:42	65902 SAKR_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/22/2023 11:43	47001 HUGH_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/22/2023 11:44	59003 MIFF_T1	0	0	0	0	0	0	-0.92	-0.98	0	0	0	0	0	0
11/22/2023 11:44	59301 MCAL_T1	3	4	1	0.37	0.5	0.13	-1.96	-1.93	1	1	0	600	600	0
11/22/2023 11:45	44901 SCOT_T2	0	0	0	0	0	0	-0.2	0.48	0	0	0	0	0	0
11/22/2023 11:47	64301 LINC_T1	0	0	0	0	0	0	-0.01	-0.04	1	1	0	600	600	0
11/22/2023 11:47	47001 HUGH_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/22/2023 11:49	14402 SSLA_T1	0	2	2	0	0.15	0.15	0	0	0	0	0	0	0	0
11/22/2023 11:49	44904 SCOT_T1	0	0	0	0	0	0	0.3	0.69	0	0	0	0	0	0
11/22/2023 11:49	46903 MNTG_T2	7	0	-7	0.16	0	-0.16	0	0	0	0	0	0	0	0
11/22/2023 11:50	40602 PIGR_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/22/2023 11:50	67001 STHI_T2	1	4	3	0.5	0.25	-0.25	0.06	0.06	0	0	0	0	0	0
11/22/2023 11:52	14404 SSLA_T1	0	2	2	0	0.15	0.15	0	0	0	0	0	0	0	0
11/22/2023 11:52	59101 WALK_T2	1	1	0	0	0	0	5.94	7.47	0	0	0	0	0	0
11/22/2023 11:53	20403 ASHF_T2	0	0	0	0	0	0	1.22	1.22	0	0	0	0	0	0
11/22/2023 11:53	67603 WARW_T1	0	1	1	0	0	0	0	0	0	0	0	0	0	0
11/22/2023 11:53	20402 ASHF_T2	0	2	2	0	0.2	0.2	0	0	0	0	0	0	0	0
11/22/2023 11:53	44301 BEAV_T2	1	0	-1	0.2	0	-0.2	0.49	-0.7	4	4	0	3000	3000	0
11/22/2023 11:54	20403 ASHF_T2	0	0	0	0	0	0	2.44	2.44	0	0	0	0	0	0
11/22/2023 11:54	43402 BENT_T1	0	0	0	0	0	0	-1.26	-1.28	2	2	0	1500	1500	0
11/22/2023 11:56	44301 BEAV_T2	1	0	-1	0.2	0	-0.2	-0.35	-0.84	2	2	0	1500	1500	0
11/22/2023 11:59	59003 MIFF_T1	0	0	0	0	0	0	-0.98	-0.96	0	0	0	0	0	0
11/22/2023 12:01	58401 MORO_T1	3	0	-3	0.3	0	-0.3	0	0	0	0	0	0	0	0
11/22/2023 12:02	58401 MORO_T1	3	0	-3	0.3	0	-0.3	-3.22	-3.42	3	3	0	1800	1800	0
11/22/2023 12:03	58401 MORO_T1	3	0	-3	0.3	0	-0.3	-1.07	-1.14	1	1	0	600	600	0
11/22/2023 12:04	58401 MORO_T1	3	0	-3	0.3	0	-0.3	-3.22	-3.42	3	3	0	1800	1800	0
11/22/2023 12:04	14802 TREI_T2	1	1	0	0.1	0.4	0.3	0	0	0	0	0	0	0	0
11/22/2023 12:05	58402 MORO_T1	0	0	0	0	0	0	-1.28	-1.28	2	2	0	1500	1500	0
11/22/2023 12:05	58402 MORO_T1	0	0	0	0	0	0	-1.28	-1.28	2	2	0	1500	1500	0
11/22/2023 12:08	20402 ASHF_T2	2	0	-2	0.2	0	-0.2	0	0	0	0	0	0	0	0
11/22/2023 12:08	61303 EARL_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/22/2023 12:09	44301 BEAV_T2	0	0	0	0	0	0	-0.35	-0.84	2	2	0	1500	1500	0
11/22/2023 12:09	67605 WARW_T1	2	4	2	0.15	0.13	-0.02	-1.28	-1.28	0	0	0	0	0	0
11/22/2023 12:10	20402 ASHF_T2	2	0	-2	0.2	0	-0.2	0	0	0	0	0	0	0	0
11/22/2023 12:10	65001 NEFF_T2	0	0	0	0	0	0	-0.41	-0.51	1	1	0	1200	1200	0
11/22/2023 12:11	44301 BEAV_T2	0	0	0	0	0	0	-0.84	-0.6	2	2	0	1500	1500	0
11/22/2023 12:12	61303 EARL_T1	0	0	0	0	0	0	0.67	0.78	0	0	0	0	0	0
11/22/2023 12:16	65001 NEFF_T2	0	0	0	0	0	0	-0.51	-0.52	1	1	0	1200	1200	0
11/22/2023 12:17	65003 NEFF_T2	19	6	-13	0.17	0.28	0.11	0	0	0	0	0	0	0	0
11/22/2023 12:20	65003 NEFF_T2	19	6	-13	0.17	0.28	0.11	0	0	0	0	0	0	0	0
11/22/2023 12:20	14403 SSLA_T1	0	0	0	0	0	0	0.71	0.59	0	0	0	0	0	0
11/22/2023 12:23	14403 SSLA_T1	0	0	0	0	0	0	0.71	0.59	0	0	0	0	0	0
11/22/2023 12:31	45003 LIME_2	1	1	0	3.7	2.9	-0.8	0	0	2	2	0	2400	2400	0
11/22/2023 12:33	66901 SHIL_T2	0	0	0	0	0	0	-1.63	-1.66	1	1	0	1200	1200	0
11/22/2023 12:36	40101 HUNT_T2	5	4	-1	0.52	0	-0.52	-0.92	-0.95	0	0	0	0	0	0
11/22/2023 12:37	40101 HUNT_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/22/2023 12:41	44301 BEAV_T2	0	1	1	0	0	0	-0.13	-0.19	2	2	0	1500	1500	0
11/22/2023 12:43	54505 ENOL_T2	1	1	0	0.8	0.8	0	0	0	0	0	0	0	0	0
11/22/2023 12:46	58402 MORO_T1	0	1	1	0	0	0	0	0	0	0	0	0	0	0
11/22/2023 12:47	58402 MORO_T1	0	1	1	0	0	0	-1.25	-1.26	2	2	0	1500	1500	0
11/22/2023 12:48	54202 PENN_T2	0	1	1	0	0	0	0	0	0	0	0	0	0	0
11/22/2023 12:49	58402 MORO_T1	0	1	1	0	0	0	0	0	0	0	0	0	0	0
11/22/2023 12:50	58402 MORO_T1	0	1	1	0	0	0	-2.49	-2.52	4	4	0	3000	3000	0
11/22/2023 12:50	58402 MORO_T1	0	1	1	0	0	0	-2.49	-2.52	4	4	0	3000	3000	0
11/22/2023 12:51	43402 BENT_T1	0	0	0	0	0	0	-1.3	-1.31	2	2	0	1500	1500	0
11/22/2023 13:02	67201 TEHI_T1	0	0	0	0	0	0	-0.05	0.07	1	1	0	900	900	0
11/22/2023 13:04	44601 SALE_T2	0	0	0	0	0	0	0.2	0.19	0	0	0	0	0	0
11/22/2023 13:05	67402 WAKE_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/22/2023 13:05	13105 NHAM_T2	0	0	0	0	0	0	-0.32	-0.32	1	1	0	1200	1200	0
11/22/2023 13:05	44601 SALE_T2	0	0	0	0	0	0	0.2	0.19	0	0	0	0	0	0
11/22/2023 13:06	20401 ASHF_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/22/2023 13:07	56802 BENV_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/22/2023 13:08	14801 TREI_T2	2	1	-1	0.45	0.4	-0.05	0.32	0.3	0	0	0	0	0	0
11/22/2023 13:08	56802 BENV_T2	1	2	1	1.2	2.4	1.2	-1.35	-1.37	0	0	0	0	0	0
11/22/2023 13:14	46004 BERW_T2	0	0	0	0	0	0	-0.72	-0.77	0	0	0	0	0	0
11/22/2023 13:32	58402 MORO_T1	0	0	0	0	0	0	-1.32	-1.3	2	2	0	1500	1500	0
11/22/2023 13:32	58401 MORO_T1	0	0	0	0	0	0	-1.14	-1.15	1	1	0	600	600	0
11/22/2023 13:33	58401 MORO_T1	0	0	0	0	0	0	-1.14	-1.15	1	1	0	600	600	0
11/22/2023 13:41	10705 CATA_T2	0	0	0	0	0	0	-1	-0.99	1	1	0	900	900	0
11/22/2023 13:43	15603 NSTR_T2	0	0	0	0	0	0	-0.58	-0.59	0	0	0	0	0	0
11/22/2023 13:44	41902 REED_T1	0	3	3	0	0.2	0.2	1.04	1.14	0	0	0	0	0	0
11/22/2023 13:48	41902 REED_T1	2	4	2	0.2	0.2	0	2.08	2.28	0	0	0	0	0	0
11/22/2023 13:54	54501 ENOL_T2	0	0	0	0	0	0	-0.57	-0.57	1	1	0	600	600	0
11/22/2023 13:54	43402 BENT_T1	0	0	0	0	0	0	-1.32	-1.3	2	2	0	1500	1500	0
11/22/2023 14:00	46801 HEPB_T2	0	2	2	0	0.4	0.4	0.66	0.59	0	0	0	0	0	0
11/22/2023 14:03	44601 SALE_T2	0	0	0	0	0	0	0.02	0.01	0	0	0	0	0	0
11/22/2023 14:05	58402 MORO_T1	0	0	0	0	0	0	-1.38	-1.25	2	2	0	1500	1500	0
11/22/2023 14:05	40101 HUNT_T2	0	0	0	0	0	0	-0.72	-0.76	0	0	0	0	0	0
11/22/2023 14:06	43001 ALWD_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/22/2023 14:06	40101 HUNT_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/22/2023 14:07	67002 STHI_T2	0	0	0	0	0	0	0.6	0.62	0	0	0	0	0	0
11/22/2023 14:07	44601 SALE_T2	0	0	0	0	0	0	0.02	0.01	0	0	0	0	0	0
11/22/2023 14:09	67001 STHI_T2	1	4	3	0.5	0.13	-0.37	0	0	0	0	0	0	0	0
11/22/2023 14:09	43001 ALWD_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/22/2023 14:10	67002 STHI_T2	0	0	0	0	0	0	0.6	0.62	0	0	0	0	0	0
11/22/2023 14:10	41801 GOCI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/22/2023 14:11	67203 TEHI_T1	0	0	0	0	0	0	1.58	1.49	2	2	0	1200	1200	0
11/22/2023 14:11	20403 ASHF_T2	0	0	0	0	0	0	2.27	1.76	0	0	0	0	0	0
11/22/2023 14:14	41801 GOCI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/22/2023 14:14	41901 REED_T1	2	2	0	0.25	0.35	0.1	0	0	0	0	0	0	0	0
11/22/2023 14:16	41902 REED_T1	3	2	-1	0.23	0.1	-0.13	1.05	1.08	0	0	0	0	0	0
11/22/2023 14:16	58402 MORO_T1	0	0	0	0	0	0	-1.25	-1.24	2	2	0	1500	1500	0
11/22/2023 14:17	57403 SPAN_T1	0	4	4	0	0.13	0.13	0.04	0.05	0	0	0	0	0	0
11/22/2023 14:20	58402 MORO_T1	0	0	0	0	0	0	-1.25	-1.24	2	2	0	1500	1500	0
11/22/2023 14:21	14403 SSLA_T1	0	0	0	0	0	0	0.81	0.82	0	0	0	0	0	0
11/22/2023 14:22	60201 ATGL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/22/2023 14:22	43001 ALWD_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/22/2023 14:23	46203 DANV_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/22/2023 14:24	43001 ALWD_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/22/2023 14:24	59101 WALK_T2	1	1	0	0	0	0	1.88	1.96	1	1	0	600	600	0
11/22/2023 14:25	46203 DANV_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/22/2023 14:25	60201 ATGL_T2	0	0	0	0	0	0	0.38	0.43	1	1	0	300	300	0
11/22/2023 14:25	46203 DANV_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/22/2023 14:25	59101 WALK_T2	1	1	0	0	0	0	1.88	1.96	1	1	0	600	600	0
11/22/2023 14:26	60501 NMAN_T2	3	3	0	4.47	4.83	0.36	0	0	0	0	0	0	0	0
11/22/2023 14:26	41801 GOCI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/22/2023 14:27	46203 DANV_T2	0	0	0	0	0	0	-0.09	-0.09	0	0	0	0	0	0

11/22/2023 15:04	14801 TREI_T2	4	6	2	0.15	0.17	0.02	0.33	0.29	0	0	0	0	0	0
11/22/2023 15:05	64802 MONE_T2	0	0	0	0	0	0	-0.01	0.03	0	0	0	0	0	0
11/22/2023 15:09	67204 TEHI_T2	0	0	0	0	0	0	-0.06	-0.09	0	0	0	0	0	0
11/22/2023 15:11	67204 TEHI_T2	0	0	0	0	0	0	-0.09	-0.09	0	0	0	0	0	0
11/22/2023 15:11	42201 SHEN_T2	0	0	0	0	0	0	0.13	0.13	1	1	0	600	600	0
11/22/2023 15:15	12701 MACU_T1	0	0	0	0	0	0	0.13	0.08	0	0	0	0	0	0
11/22/2023 15:17	64101 REFR_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/22/2023 15:18	12701 MACU_T1	0	0	0	0	0	0	0.39	0.24	0	0	0	0	0	0
11/22/2023 15:18	64101 REFR_T1	0	0	0	0	0	0	-0.12	-0.17	0	0	0	0	0	0
11/22/2023 15:19	64101 REFR_T1	0	0	0	0	0	0	-0.24	-0.34	0	0	0	0	0	0
11/22/2023 15:20	64101 REFR_T1	0	0	0	0	0	0	-0.12	-0.17	0	0	0	0	0	0
11/22/2023 15:21	64101 REFR_T1	0	0	0	0	0	0	-0.24	-0.34	0	0	0	0	0	0
11/22/2023 15:27	64101 REFR_T1	0	0	0	0	0	0	-0.17	-0.18	0	0	0	0	0	0
11/22/2023 15:27	48901 FOSP_T2	0	0	0	0	0	0	-0.4	-0.41	1	1	0	600	600	0
11/22/2023 15:43	48901 FOSP_T2	0	0	0	0	0	0	-0.41	-0.42	1	1	0	600	600	0
11/22/2023 15:54	42503 ALTA_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/22/2023 16:01	52404 GRPA_T2	1	1	0	0.2	0.1	-0.1	0	0	0	0	0	0	0	0
11/22/2023 16:01	20603 GRWO_T2	9	7	-2	0.17	0.17	0	-0.64	-0.65	1	1	0	900	900	0
11/22/2023 16:08	49804 UNIV_T1	1	0	-1	0.2	0	-0.2	0	0	0	0	0	0	0	0
11/22/2023 16:10	49803 UNIV_T1	0	0	0	0	0	0	-1.16	-1.09	0	0	0	0	0	0
11/22/2023 16:27	46803 HEPB_T2	1	0	-1	0.1	0	-0.1	0	0	0	0	0	0	0	0
11/22/2023 16:31	52402 GRPA_T2	5	4	-1	1.36	1.08	-0.28	0	0	0	0	0	0	0	0
11/22/2023 16:32	52402 GRPA_T2	5	4	-1	1.36	1.08	-0.28	0	0	0	0	0	0	0	0
11/22/2023 16:47	65003 NEFF_T2	4	1	-3	0.23	0.1	-0.13	0	0	0	0	0	0	0	0
11/22/2023 16:54	43402 BENT_T1	0	0	0	0	0	0	-1.39	-0.87	1	1	0	900	900	0
11/22/2023 17:15	58402 MORO_T1	0	0	0	0	0	0	-1.27	-1.23	2	2	0	1500	1500	0
11/22/2023 17:44	56501 ROCK_T2	1	1	0	0.2	0	-0.2	-0.87	-0.92	0	0	0	0	0	0
11/22/2023 18:00	13901 SEID_T1	0	0	0	0	0	0	0.19	0.18	0	0	0	0	0	0
11/22/2023 18:02	29401 BELT_T1	52	49	-3	0.23	0.23	0	0	0	1	1	0	900	900	0
11/22/2023 18:05	28403 HART_T2	0	0	0	0	0	0	-0.89	-0.89	1	1	0	900	900	0
11/22/2023 18:09	44601 SALE_T2	1	1	0	0.4	0.3	-0.1	-0.07	-0.06	0	0	0	0	0	0
11/22/2023 18:13	29402 BELT_T1	1	1	0	7.7	7.9	0.2	0	0	0	0	0	0	0	0
11/22/2023 18:15	44901 SCOT_T2	0	0	0	0	0	0	-0.27	-0.26	0	0	0	0	0	0
11/22/2023 18:16	10801 CHHI_T1	0	0	0	0	0	0	-0.91	-0.91	1	1	0	900	900	0
11/22/2023 18:20	13302 ORVI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/22/2023 18:20	44601 SALE_T2	1	1	0	0.3	0.2	-0.1	-0.06	-0.06	0	0	0	0	0	0
11/22/2023 18:21	20401 ASHF_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/22/2023 18:21	26401 INOR_T1	0	0	0	0	0	0	0.36	0.29	0	0	0	0	0	0
11/22/2023 18:22	44901 SCOT_T2	0	0	0	0	0	0	-0.27	-0.26	0	0	0	0	0	0
11/22/2023 18:22	57401 SPAN_T1	0	0	0	0	0	0	-0.74	-0.77	1	1	0	600	600	0
11/22/2023 18:23	57401 SPAN_T1	0	0	0	0	0	0	-0.74	-0.77	1	1	0	600	600	0
11/22/2023 18:23	14801 TREI_T2	0	0	0	0	0	0	0.44	0.48	0	0	0	0	0	0
11/22/2023 18:23	13302 ORVI_T2	260	240	-20	0.25	0.24	-0.01	0.69	0.66	0	0	0	0	0	0
11/22/2023 18:23	14801 TREI_T2	0	0	0	0	0	0	0.44	0.48	0	0	0	0	0	0
11/22/2023 18:24	13302 ORVI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/22/2023 18:24	57403 SPAN_T1	0	0	0	0	0	0	0.06	0.06	0	0	0	0	0	0
11/22/2023 18:25	46206 DANV_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/22/2023 18:25	29401 BELT_T1	43	46	3	0.23	0.21	-0.02	0	0	0	0	0	0	0	0
11/22/2023 18:26	26402 INOR_T1	0	0	0	0	0	0	-0.43	-0.41	0	0	0	0	0	0
11/22/2023 18:27	47001 HUGH_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/22/2023 18:27	42701 AUGU_T1	0	0	0	0	0	0	0	0	2	2	0	1800	1800	0
11/22/2023 18:27	67503 WEWI_T2	0	0	0	0	0	0	-0.34	-0.35	0	0	0	0	0	0
11/22/2023 18:27	17805 GILB_T2	0	0	0	0	0	0	-0.01	0	0	0	0	0	0	0
11/22/2023 18:28	46801 HEPB_T2	3	3	0	0.2	0.27	0.07	0.64	0.64	0	0	0	0	0	0
11/22/2023 18:28	20403 ASHF_T2	0	1	1	0	0	0	0.27	0.27	0	0	0	0	0	0
11/22/2023 18:28	67503 WEWI_T2	0	0	0	0	0	0	-0.34	-0.35	0	0	0	0	0	0
11/22/2023 18:29	64203 KINZ_T1	0	0	0	0	0	0	-0.69	-0.71	1	1	0	600	600	0
11/22/2023 18:29	44901 SCOT_T2	0	0	0	0	0	0	-0.26	-0.22	0	0	0	0	0	0
11/22/2023 18:29	12701 MACU_T1	0	0	0	0	0	0	0.07	0.07	0	0	0	0	0	0
11/22/2023 18:30	29402 BELT_T1	1	1	0	7.9	7.9	0	0	0	0	0	0	0	0	0
11/22/2023 18:30	64101 REFR_T1	0	0	0	0	0	0	-0.11	-0.12	0	0	0	0	0	0
11/22/2023 18:31	49803 UNIV_T1	0	0	0	0	0	0	-1.12	-1.11	0	0	0	0	0	0
11/22/2023 18:31	26402 INOR_T1	0	0	0	0	0	0	-0.43	-0.41	0	0	0	0	0	0
11/22/2023 18:31	45902 AUBU_T1	0	0	0	0	0	0	-1.03	-1.02	1	1	0	600	600	0
11/22/2023 18:31	45501 DERR_T2	0	0	0	0	0	0	0.12	0.16	2	2	0	1800	1800	0
11/22/2023 18:32	45501 DERR_T2	0	0	0	0	0	0	0.12	0.16	2	2	0	1800	1800	0
11/22/2023 18:32	43402 BENT_T1	0	0	0	0	0	0	-0.89	-0.88	1	1	0	900	900	0
11/22/2023 18:32	45702 LIND_T2	1	1	0	1.7	1.7	0	-0.57	-0.54	0	0	0	0	0	0
11/22/2023 18:33	20403 ASHF_T2	0	1	1	0	0	0	0.27	0.27	0	0	0	0	0	0
11/22/2023 18:33	59302 MCAL_T2	2	2	0	0.4	0.6	0.2	0	0	0	0	0	0	0	0
11/22/2023 18:33	42201 SHEN_T2	0	0	0	0	0	0	0.03	0.02	1	1	0	600	600	0
11/22/2023 18:33	61303 EARL_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/22/2023 18:33	64802 MONE_T2	0	0	0	0	0	0	-0.05	-0.05	0	0	0	0	0	0
11/22/2023 18:33	48901 FOSP_T2	0	0	0	0	0	0	-0.4	-0.4	1	1	0	600	600	0
11/22/2023 18:33	17802 GILB_T1	0	0	0	0	0	0	0.08	0.02	0	0	0	0	0	0
11/22/2023 18:33	39601 LNFD_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/22/2023 18:34	45901 AUBU_T1	0	0	0	0	0	0	1.92	1.93	0	0	0	0	0	0
11/22/2023 18:34	46903 MNTG_T2	15	93	78	0.12	0.2	0.08	-0.32	-0.31	1	1	0	600	600	0
11/22/2023 18:34	67204 TEHI_T2	0	0	0	0	0	0	0.1	0.08	0	0	0	0	0	0
11/22/2023 18:34	62604 ENGL_T1	0	0	0	0	0	0	-0.49	-0.54	1	1	0	600	600	0
11/22/2023 18:34	45901 AUBU_T1	0	0	0	0	0	0	1.92	1.93	0	0	0	0	0	0
11/22/2023 18:34	46203 DANV_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/22/2023 18:34	42701 AUGU_T1	0	0	0	0	0	0	0	0	2	2	0	1800	1800	0
11/22/2023 18:34	58402 MORO_T1	1	2	1	0.1	0	-0.1	-1.17	-1.22	2	2	0	1500	1500	0
11/22/2023 18:35	15603 NSTR_T2	0	0	0	0	0	0	-0.53	-0.54	0	0	0	0	0	0
11/22/2023 18:35	61303 EARL_T1	0	0	0	0	0	0	0.36	0.37	0	0	0	0	0	0
11/22/2023 18:35	46203 DANV_T2	0	0	0	0	0	0	-0.08	-0.09	0	0	0	0	0	0
11/22/2023 18:35	64101 REFR_T1	0	0	0	0	0	0	-0.11	-0.12	0	0	0	0	0	0
11/22/2023 18:35	67502 WEWI_T2	0	0	0	0	0	0	-0.46	-0.45	0	0	0	0	0	0
11/22/2023 18:36	43301 WATS_T2	0	0	0	0	0	0	-1.26	-1.33	2	2	0	1800	1800	0
11/22/2023 18:36	60902 DONG_T2	0	0	0	0	0	0	0.51	0.51	0	0	0	0	0	0
11/22/2023 18:36	43301 WATS_T2	0	0	0	0	0	0	-1.26	-1.33	2	2	0	1800	1800	0
11/22/2023 18:36	62606 ENGL_T1	0	1	1	0	0	0	0	0	0	0	0	0	0	0
11/22/2023 18:36	42503 ALTA_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/22/2023 18:36	47001 HUGH_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/22/2023 18:36	63401 HONY_T1	0	0	0	0	0	0	0.24	0.2	0	0	0	0	0	0
11/22/2023 18:36	67502 WEWI_T2	0	0	0	0	0	0	-0.46	-0.45	0	0	0	0	0	0
11/22/2023 18:36	29402 BELT_T1	1	1	0	7.9	7.9	0	0	0	0	0	0	0	0	0
11/22/2023 18:36	46203 DANV_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/22/2023 18:37	12701 MACU_T1	0	0	0	0	0	0	0.07	0.07	0	0	0	0	0	0
11/22/2023 18:37	55002 NEWP_T1	5	6	1	0.96	0.88	-0.08	-0.24	-0.25	0	0	0	0	0	0
11/22/2023 18:37	27502 WEIS_T2	0	0	0	0	0	0	-0.59	-0.59	0	0	0	0	0	0
11/22/2023 18:38	52404 GRPA_T2	0	1	1	0	0.1	0.1	0	-0.03	0	0	0	0	0	0
11/22/2023 18:38	67203 TEHI_T1	0	0	0	0	0	0	1.21	1.27	1	1	0	600	600	0
11/22/2023 18:38	60201 ATGL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/22/2023 18:38	45902 AUBU_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/22/2023 18:38	46801 HEPB_T2	3	5	2	0.27	0.24	-0.03	0.64	0.64	0	0	0	0	0	0
11/22/2023 18:38	12701 MACU_T1	0	0	0	0	0	0	0.07	0.07	0	0	0	0	0	0
11/22/2023 18:38	44904 SCOT_T1	0	0	0	0	0	0	0.59	0.56	0	0	0	0	0	0
11/22/2023 18:38	58402 MORO_T1	1	1	0	0.1	0	-0.1	0	0	0	0	0	0	0	0
11/22/2023 18:38	43201 MVIL_T2	0	0	0	0	0	0	-1.31	-1.33	0	0	0	0	0	0
11/22/2023 18:39	43302 WATS_T2	4	4	0	0.7	0.53	-0.17	0	0	0	0	0	0	0	0
11/22/2023 18:39	67502 WEWI_T2	0	0	0	0	0	0	-0.46	-0.45	0	0	0	0	0	0
11/22/2023 18:39	57403 SPAN_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/22/2023 18:39	66504 SMAN_T2	0	0	0	0	0	0	-0.44	-0.48	0	0	0	0	0	0
11/22/2023 18:39	55002 NEWP_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/22/2023 18:40	43304 WATS_T2	1	1	0	0.5	0.2	-0.3	-0.84	-0.75	0	0	0	0	0	0
11/22/2023 18:40	43304 WATS_T2	1	1	0	0.5	0.2	-0.3	-0.84	-0.75	0	0	0	0	0	0
11/22/2023 18:40	40902 JESH_T1	0	0	0	0	0	0	-0.74	-0.71	0	0	0	0	0	0
11/22/2023 18:40	45902 AUBU_T1	0	0	0	0	0	0	-1.03	-1.02	1	1	0	600	600	0
11/22/2023 18:40	57401 SPAN_T1	0	0	0	0	0	0	-0.77	-0.79	1	1	0	600	600	0
11/22/2023 18:40	42201 SHEN_T2	0	0	0	0	0	0	0.03	0.02	1	1	0	600	600	0
11/22/2023 18:40	67502 WEWI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/22/2023 18:40	13105 NHAM_T2	0	0	0	0	0	0	-0.28	-0.26	1	1	0	1200	1200	0
11/22/2023 18:40	58402 MORO_T1	1	1	0	0.1	0	-0.1	-1.17	-1.22	2	2	0	1500	1500	0
11/22/2023 18:40	46203 DANV_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/22/2023 18:40	49803 UNIV_T1	0	0	0	0	0	0	-1.12	-1.11	0	0	0	0	0	0
11/22/2023 18:41	43302 WATS_T2	4	4	0	0.7	0.53	-0.17	0	0	0	0	0	0	0	0
11/22/2023 18:41	64301 LINC_T1	0	0	0	0	0	0	0.28	0.25	0	0	0	0	0	0
11/22/2023 18:41	60903 DONG_T2	0	1	1	0	0.1	0.1	0	0	0	0	0	0	0	0
11/22/2023 18:41	43304 WATS_T2	1	1	0	0.5	0.2	-0.3	-0.75	-0.82	0	0	0	0	0	0
11/22/2023 18:41	59101 WALK_T2	1	1	0	0	0	0	1.03	1.09	1	1	0	450	450	0
11/22/2023 18:41	67204 TEHI_T2	0	0	0	0	0	0	0.08	0.08	0	0	0	0	0	0
11/22/2023 18:41	46203 DANV_T2	0	0	0	0	0	0	-0.09	-0.07	0	0	0	0	0	0
11/22/2023 18:42	53501 EVIL_T2	0	0	0	0	0	0	-0.95	-0.98	1	1	0	600	600	0
11/22/2023 18:42	67605 WARW_T1	0	0	0	0	0	0	-0.94	-0.99	0	0	0	0	0	0
11/22/2023 18:42	64101 REFR_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/22/2023 18:42	52402 GRPA_T2	5	5	0	0.92	0.78	-0.14	0	0	0	0	0	0	0	0
11/22/2023 18:42	59101 WALK_T2	1	1	0	0	0	0	1.03	1.09	1	1	0	450	450	0
11/22/2023 18:42	67503 WEWI_T2	0	0	0	0	0	0	-0.35	-0.33	0	0	0	0	0	0
11/22/2023 18:42	60801 BUCK_T1	0	0	0	0	0	0	-0.14	-0.14	0	0	0	0	0	0
11/22/2023 18:42	43001 ALWD_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/22/2023 18:42	67502 WEWI_T2	0	0	0	0	0	0	-0.45	-0.49	0	0	0	0	0	0
11/22/2023 18:42	45902 AUBU_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/22/2023 18:43	57403 SPAN_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/22/2023 18:43	62606 ENGL_T1	0	1	1	0	0	0	0	0	0	0	0	0	0	0
11/22/2023 18:43	67401 WAKE_T2	0	0	0	0	0	0	-1.19	-1.2	0	0	0	0	0	0
11/22/2023 18:43	41801 GOCI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/22/2023 18:43	60501 NMAN_T2	3	3	0	4.77	4.83	0.06	0	0	0	0	0	0	0	0
11/22/2023 18:43	56802 BENV_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/22/2023 18:43	60803 BUCK_T1	0	0	0	0	0	0	-0.89	-0.93	1	1	0	600	600	0
11/22/2023 18:43	40101 HUNT_T2	18	23	5	0.63	0.38	-0.25	-1.48	-1.52	0	0	0	0	0	0
11/22/2023 18:43	67502 WEWI_T2	0	0	0	0	0	0	-0.45	-0.49	0	0	0	0	0	0
11/22/2023 18:43	45902 AUBU_T1	0	0	0	0	0	0	-1.02	-1.04	1	1	0	600	600	0
11/22/2023 18:43	20402 ASHF_T2	0	1	1	0	0	0	0	0	0	0	0	0	0	0
11/22/2023 18:43	17804 GILB_T2	0	0	0	0	0	0	-0.54	-0.54	0	0	0	0	0	0
11/22/2023 18:44	46903 MNTG_T2	15	93	78	0.12	0.2	0.08	0	0	0	0	0	0	0	0
11/22/2023 18:44	43301 WATS_T2	0	0	0	0	0	0	-0.66	-0.65	1	1	0	900	900	0
11/22/2023 18:44	40101 HUNT_T2	18	23	5	0.63	0.38	-0.25	-0.74	-0.76	0	0	0	0	0	0
11/22/2023 18:44	65001 NEFF_T2	3	4	1	0.1	0.13	0.03	-0.96	-0.93	1	1	0	1200	1200	0
11/22/2023 18:44	40602 PIGR_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/22/2023 18:44	55002 NEWP_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/22/2023 18:44	56802 BENV_T2	1	2	1	0.6	0.45	-0.15	-1.4	-1.42	0	0	0	0	0	0
11/22/2023 18:44	45402 WILO_T2	12	28	16	0.17	0.19	0.02	0	0	0	0	0	0	0	0
11/22/2023 18:44	64101 REFR_T1	0	0	0	0	0	0	-0.36	-0.33	0	0	0	0	0	0
11/22/2023 18:44	43001 ALWD_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/22/2023 18:44	58402 MORO_T1	1	1	0	0.1	0	-0.1	-1.22	-1.13	2	2	0	1500	1500	0
11/22/2023 18:45	62604 ENGL_T1	0	0	0	0	0	0	-0.54	-0.55	1	1	0	600	600	0
11/22/2023 18:45	53501 EVIL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/22/2023 18:45	55002 NEWP_T1	5	7	2	0.88	0.88	0	-0.25	-0.23	0	0	0	0	0	0
11/22/2023 18:45	14403 SSLA_T1	0	0	0	0	0	0	0.64	0.66	0	0	0	0	0	0
11/22/2023 18:45	58402 MORO_T1	1	0	-1	0.8	0	-0.8	0	0	0	0	0	0	0	0
11/22/2023 18:45	67503 WEWI_T2	0	0	0	0	0	0	-0.35	-0.33	0	0	0	0	0	0
11/22/2023 18:46	55002 NEWP_T1	5	7	2	0.88	0.88	0	-0.25	-0.23	0	0	0	0	0	0
11/22/2023 18:46	45802 HEGI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/22/2023 18:46	59301 MCAL_T1	2	2	0	1.1	0.5	-0.6	0	0	0	0	0	0	0	0
11/22/2023 18:46	64802 MONE_T2	0	0	0	0	0	0	-0.05	-0.04	0	0	0	0	0	0
11/22/2023 18:46	56802 BENV_T2	2	2	0	0.4	0.55	0.15	-2.8	-2.84	0	0	0	0	0	0
11/22/2023 18:46	59101 WALK_T2	1	1	0	0	0	0	1.03	1.09	1	1	0	450	450	0
11/22/2023 18:47	52501 PROG_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/22/2023 18:47	61303 EARL_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/22/

11/22/2023 18:57	56802 BENV_T2	2	2	0	0.4	0.55	0.15	-1.42	-1.4	0	0	0	0	0	0
11/22/2023 18:57	41801 GOCI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/22/2023 18:58	54701 NEBL_T1	0	0	0	0	0	0	0	0	1	1	0	600	600	0
11/22/2023 19:09	10705 CATA_T2	0	0	0	0	0	0	0.06	0.06	0	0	0	0	0	0
11/22/2023 19:11	57401 SPAN_T1	0	2	2	0	0.15	0.15	-0.82	-0.81	1	1	0	600	600	0
11/22/2023 19:29	40101 HUNT_T2	13	2	-11	0.34	0.4	0.06	-0.76	-0.75	0	0	0	0	0	0
11/22/2023 19:48	44301 BEAV_T2	0	1	1	0	0	0	-0.23	-0.23	1	1	0	600	600	0
11/22/2023 21:02	64101 REFR_T1	0	1	1	0	1.6	1.6	-0.13	-0.16	0	0	0	0	0	0
11/23/2023 0:28	55105 WERT_T1	0	0	0	0	0	0	-0.76	-0.75	1	1	0	900	900	0
11/23/2023 0:28	50201 HARR_T3	1	1	0	7.9	9	1.1	0.36	0.35	0	0	0	0	0	0
11/23/2023 0:28	48901 FOSP_T2	0	0	0	0	0	0	-0.48	-0.46	1	1	0	600	600	0
11/23/2023 0:28	13302 ORVI_T2	0	0	0	0	0	0	0.52	0.51	0	0	0	0	0	0
11/23/2023 0:28	56802 BENV_T2	0	1	1	0	0.2	0.2	-1.57	-1.52	0	0	0	0	0	0
11/23/2023 0:28	57401 SPAN_T1	1	2	1	0.1	0.15	0.05	-1.81	-1.94	2	2	0	1200	1200	0
11/23/2023 0:28	53501 EVIL_T2	8	18	10	0.4	0.8	0.4	-0.69	-0.76	0	0	0	0	0	0
11/23/2023 0:28	53903 HALI_T2	2	2	0	0.25	0.5	0.25	-0.15	-0.17	0	0	0	0	0	0
11/23/2023 0:28	17805 GILB_T2	0	0	0	0	0	0	-0.27	-0.28	0	0	0	0	0	0
11/23/2023 0:28	42201 SHEN_T2	0	0	0	0	0	0	-0.1	-0.1	1	1	0	600	600	0
11/23/2023 0:28	52403 GRPA_T2	0	0	0	0	0	0	-0.06	-0.06	0	0	0	0	0	0
11/23/2023 0:28	44301 BEAV_T2	0	0	0	0	0	0	-0.94	-0.95	2	2	0	1200	1200	0
11/23/2023 0:28	12701 MACU_T1	0	0	0	0	0	0	0	0.01	0	0	0	0	0	0
11/23/2023 0:28	17802 GILB_T1	0	0	0	0	0	0	-0.03	-0.03	0	0	0	0	0	0
11/23/2023 0:28	60803 BUCK_T1	0	0	0	0	0	0	-1.08	-1.08	1	1	0	600	600	0
11/23/2023 0:28	65001 NEFF_T2	194	46	-148	0.18	0.13	-0.05	-1.5	-1.5	1	1	0	1200	1200	0
11/23/2023 0:56	65001 NEFF_T2	26	86	60	0.13	0.12	-0.01	-1.54	-1.54	1	1	0	1200	1200	0
11/23/2023 1:43	65001 NEFF_T2	202	216	14	0.16	0.17	0.01	-1.55	-1.54	1	1	0	1200	1200	0
11/23/2023 2:14	65001 NEFF_T2	212	222	10	0.17	0.22	0.05	-1.51	-1.52	1	1	0	1200	1200	0
11/23/2023 3:01	50201 HARR_T3	0	0	0	0	0	0	0.35	0.33	0	0	0	0	0	0
11/23/2023 4:46	58401 MORO_T1	0	0	0	0	0	0	-1.14	-1.15	1	1	0	600	600	0
11/23/2023 7:54	45501 DERR_T2	0	1	1	0	0.2	0.2	0.03	0.07	1	1	0	600	600	0
11/23/2023 7:54	46203 DANV_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/23/2023 7:55	43001 ALWD_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/23/2023 8:01	54701 NEBL_T1	0	1	1	0	0.1	0.1	0	0	1	1	0	600	600	0
11/23/2023 8:02	54701 NEBL_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/23/2023 8:06	43402 BENT_T1	0	0	0	0	0	0	-0.87	-0.87	1	1	0	900	900	0
11/23/2023 8:07	13302 ORVI_T2	117	36	-81	0.19	0.26	0.07	0.63	0.64	0	0	0	0	0	0
11/23/2023 8:08	46203 DANV_T2	0	0	0	0	0	0	-1.35	-0.04	0	0	0	0	0	0
11/23/2023 8:09	43401 BENT_T1	1	0	-1	0.3	0	-0.3	0	0	0	0	0	0	0	0
11/23/2023 8:09	46203 DANV_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/23/2023 8:10	43401 BENT_T1	1	0	-1	0.3	0	-0.3	0	0	0	0	0	0	0	0
11/23/2023 8:11	45502 DERR_T2	0	1	1	0	0	0	0	0	0	0	0	0	0	0
11/23/2023 8:28	46801 HEPB_T2	12	17	5	0.26	0.21	-0.05	0.61	0.59	0	0	0	0	0	0
11/23/2023 8:29	43402 BENT_T1	0	0	0	0	0	0	-0.86	-0.85	1	1	0	900	900	0
11/23/2023 8:36	55002 NEWP_T1	4	5	1	0.65	0.66	0.01	-0.18	-0.2	0	0	0	0	0	0
11/23/2023 8:53	49803 UNIV_T1	0	0	0	0	0	0	0.11	0.13	0	0	0	0	0	0
11/23/2023 8:55	45901 AUBU_T1	17	16	-1	0.21	0.18	-0.03	1.03	1.03	0	0	0	0	0	0
11/23/2023 9:00	42201 SHEN_T2	0	0	0	0	0	0	0.03	0.06	1	1	0	600	600	0
11/23/2023 9:00	43402 BENT_T1	0	0	0	0	0	0	-0.87	-0.86	1	1	0	900	900	0
11/23/2023 9:00	52402 GRPA_T2	7	9	2	1.21	0.92	-0.29	0	0	0	0	0	0	0	0
11/23/2023 9:00	29402 BELT_T1	1	1	0	7.5	7.4	-0.1	0	0	0	0	0	0	0	0
11/23/2023 9:00	62601 ENGL_T1	0	1	1	0	0	0	0	0	0	0	0	0	0	0
11/23/2023 9:00	52503 PROG_T2	0	0	0	0	0	0	-0.7	-0.7	1	1	0	900	900	0
11/23/2023 9:00	53901 HALI_T2	1	1	0	0.3	0.3	0	0	0	0	0	0	0	0	0
11/23/2023 9:00	44901 SCOT_T2	0	0	0	0	0	0	-0.54	-0.56	0	0	0	0	0	0
11/23/2023 9:00	67203 TEHI_T1	0	0	0	0	0	0	1.35	1.36	1	1	0	900	900	0
11/23/2023 9:00	67503 WEWI_T2	0	0	0	0	0	0	-0.22	-0.22	0	0	0	0	0	0
11/23/2023 9:07	43402 BENT_T1	0	0	0	0	0	0	-0.87	-0.86	1	1	0	900	900	0
11/23/2023 9:08	59101 WALK_T2	3	2	-1	0.2	0.3	0.1	-0.49	-0.48	0	0	0	0	0	0
11/23/2023 9:08	45501 DERR_T2	0	0	0	0	0	0	0.64	0.72	1	1	0	600	600	0
11/23/2023 9:09	43402 BENT_T1	0	0	0	0	0	0	-0.87	-0.86	1	1	0	900	900	0
11/23/2023 9:10	43202 MVIL_T2	0	4	4	0	0	0	-0.59	-0.61	0	0	0	0	0	0
11/23/2023 9:11	45501 DERR_T2	0	0	0	0	0	0	0.72	0.76	1	1	0	600	600	0
11/23/2023 9:11	46203 DANV_T2	0	0	0	0	0	0	0	-0.02	0	0	0	0	0	0
11/23/2023 9:12	46203 DANV_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/23/2023 9:13	43202 MVIL_T2	0	4	4	0	0	0	-0.61	-0.63	0	0	0	0	0	0
11/23/2023 9:13	46203 DANV_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/23/2023 9:15	25402 LAHA_T2	0	0	0	0	0	0	-0.73	-0.72	0	0	0	0	0	0
11/23/2023 9:16	59302 MCAL_T1	1	2	1	1.1	0.65	-0.45	0	0	0	0	0	0	0	0
11/23/2023 9:17	29402 BELT_T1	1	1	0	7.4	7.7	0.3	0	0	0	0	0	0	0	0
11/23/2023 9:18	59302 MCAL_T1	1	2	1	1.1	0.65	-0.45	-0.39	-0.43	1	1	0	600	600	0
11/23/2023 9:18	54701 NEBL_T1	0	2	2	0	0.25	0.25	0	0	1	1	0	600	600	0
11/23/2023 9:20	54701 NEBL_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/23/2023 9:21	59102 WALK_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/23/2023 9:21	24902 WHHA_T1	0	0	0	0	0	0.65	0.63	0	0	0	0	0	0	0
11/23/2023 9:22	49804 UNIV_T1	0	1	1	0	0	0	0	0	0	0	0	0	0	0
11/23/2023 9:24	49804 UNIV_T1	0	1	1	0	0	0	0	0	0	0	0	0	0	0
11/23/2023 9:24	24902 WHHA_T1	0	0	0	0	0	0.65	0.63	0	0	0	0	0	0	0
11/23/2023 9:29	41801 GOCI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/23/2023 9:30	52403 GRPA_T2	19	55	36	1.08	0.34	-0.74	-0.04	-0.04	0	0	0	0	0	0
11/23/2023 9:30	40101 HUNT_T2	8	39	31	0.61	0.46	-0.15	-0.59	-0.58	0	0	0	0	0	0
11/23/2023 9:31	41801 GOCI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/23/2023 9:31	13302 ORVI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/23/2023 9:33	56501 ROCK_T2	1	2	1	3.3	2.1	-1.2	-0.84	-0.93	0	0	0	0	0	0
11/23/2023 9:34	13302 ORVI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/23/2023 9:34	29402 BELT_T1	1	1	0	7.3	8.2	0.9	0	0	0	0	0	0	0	0
11/23/2023 9:35	59201 THOM_T1	26	33	7	0.6	0.68	0.08	0	0	0	0	0	0	0	0
11/23/2023 9:35	43304 WATS_T2	0	0	0	0	0	0	-0.69	-0.66	0	0	0	0	0	0
11/23/2023 9:36	29402 BELT_T1	1	1	0	7.3	8.2	0.9	0	0	0	0	0	0	0	0
11/23/2023 9:37	40201 BEGA_T2	5	5	0	0.6	0.75	0.15	0	0	0	0	0	0	0	0
11/23/2023 9:38	40201 BEGA_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/23/2023 9:39	43304 WATS_T2	0	0	0	0	0	0	-0.69	-0.66	0	0	0	0	0	0
11/23/2023 9:40	43304 WATS_T2	0	0	0	0	0	0	-0.69	-0.66	0	0	0	0	0	0
11/23/2023 9:41	40101 HUNT_T2	8	39	31	0.61	0.46	-0.15	-0.58	-0.58	0	0	0	0	0	0
11/23/2023 9:42	53903 HALI_T2	0	2	2	0	0.4	0.4	-0.12	-0.14	0	0	0	0	0	0
11/23/2023 9:42	52402 GRPA_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/23/2023 9:43	52402 GRPA_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/23/2023 9:44	53903 HALI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/23/2023 9:45	39601 LNFD_T1	0	1	1	0	0	0	0	0	1	1	0	900	900	0
11/23/2023 9:46	48302 ORWI_T2	2	7	5	0.8	0.63	-0.17	0.13	0.14	0	0	0	0	0	0
11/23/2023 9:47	17802 GILB_T1	0	0	0	0	0	0	-0.2	-0.07	0	0	0	0	0	0
11/23/2023 9:49	14403 SSLA_T1	14	1	-13	4.02	0	-4.02	0.87	0.85	0	0	0	0	0	0
11/23/2023 9:50	41902 REED_T1	1	7	6	0.3	0.3	0	1.94	1.85	0	0	0	0	0	0
11/23/2023 9:50	43304 WATS_T2	0	2	2	0	0	0	-0.66	-0.68	0	0	0	0	0	0
11/23/2023 9:52	41902 REED_T1	1	7	6	0.3	0.3	0	0.97	0.92	0	0	0	0	0	0
11/23/2023 9:52	43302 WATS_T2	4	4	0	0.3	0.33	0.03	0	0	0	0	0	0	0	0
11/23/2023 9:52	14403 SSLA_T1	14	1	-13	4.02	0	-4.02	0.87	0.85	0	0	0	0	0	0
11/23/2023 9:53	45902 AUBU_T1	17	22	5	0.24	0.35	0.11	-0.65	-0.64	0	0	0	0	0	0
11/23/2023 9:54	56802 BENV_T2	5	5	0	0.42	0.44	0.02	-4.11	-4.02	0	0	0	0	0	0
11/23/2023 9:55	45901 AUBU_T1	3	4	1	0.17	0.15	-0.02	0	0	0	0	0	0	0	0
11/23/2023 9:56	45902 AUBU_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/23/2023 9:56	23401 HONE_T2	0	0	0	0	0	0	0.13	0.09	0	0	0	0	0	0
11/23/2023 9:57	46801 HEPB_T2	6	4	-2	0.23	0.33	0.1	0.61	0.62	0	0	0	0	0	0
11/23/2023 9:57	56802 BENV_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/23/2023 9:59	63401 HONY_T1	0	0	0	0	0	0	-0.05	-0.01	0	0	0	0	0	0
11/23/2023 10:00	53903 HALI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/23/2023 10:01	17802 GILB_T1	0	0	0	0	0	0	-0.04	-0.07	0	0	0	0	0	0
11/23/2023 10:02	13302 ORVI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/23/2023 10:03	55002 NEWP_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/23/2023 10:03	57401 SPAN_T1	0	0	0	0	0	0	-2.24	-1.96	2	2	0	1200	1200	0
11/23/2023 10:04	57401 SPAN_T1	0	0	0	0	0	0	-1.12	-0.98	1	1	0	600	600	0
11/23/2023 10:04	64101 REFR_T1	0	0	0	0	0	0	0.15	0.14	0	0	0	0	0	0
11/23/2023 10:04	45603 PIGR_T1	0	0	0	0	0	0	0.35	0.36	0	0	0	0	0	0
11/23/2023 10:04	55002 NEWP_T1	4	8	4	0.85	0.89	0.04	-0.4	-0.32	0	0	0	0	0	0
11/23/2023 10:05	43304 WATS_T2	0	2	2	0	0	0	0	0	0	0	0	0	0	0
11/23/2023 10:05	13302 ORVI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/23/2023 10:06	43301 WATS_T2	0	3	3	0	0	0	-1.17	-1.1	2	2	0	1800	1800	0
11/23/2023 10:06	43302 WATS_T2	4	4	0	0.33	0.3	-0.03	0	0	0	0	0	0	0	0
11/23/2023 10:06	57401 SPAN_T1	0	0	0	0	0	0	-1.12	-0.98	1	1	0	600	600	0
11/23/2023 10:07	42701 AUGU_T1	0	0	0	0	0	0	0	0	4	4	0	3600	3600	0
11/23/2023 10:07	56802 BENV_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/23/2023 10:08	43301 WATS_T2	0	3	3	0	0	0	0	0	0	0	0	0	0	0
11/23/2023 10:08	59102 WALK_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/23/2023 10:08	43304 WATS_T2	0	2	2	0	0	0	-0.68	-0.68	0	0	0	0	0	0
11/23/2023 10:08	56802 BENV_T2	5	5	0	0.42	0.46	0.04	-1.34	-1.37	0	0	0	0	0	0
11/23/2023 10:09	43302 WATS_T2	4	4	0	0.33	0.3	-0.03	0	0	0	0	0	0	0	0
11/23/2023 10:11	46203 DANV_T2	0	0	0	0	0	0	0.02	0	0	0	0	0	0	0
11/23/2023 10:11	56802 BENV_T2	5	5	0	0.42	0.46	0.04	-5.48	-5.36	0	0	0	0	0	0
11/23/2023 10:12	43202 MVIL_T2	3	1	-2	0.43	0	-0.43	0	0	0	0	0	0	0	0
11/23/2023 10:12	26401 INOR_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/23/2023 10:13	40902 JESH_T1	0	0	0	0	0	0	-0.75	-0.82	0	0	0	0	0	0
11/23/2023 10:13	46801 HEPB_T2	4	3	-1	0.33	0.3	-0.03	0.62	0.61	0	0	0	0	0	0
11/23/2023 10:14	47101 MARL_T1	41	63	22	0.83	0.93	0.1	-0.15	-1.36	0	2	2	0	1200	1200
11/23/2023 10:14	52402 GRPA_T2	3	7	4	1.53	1.28	-0.25	0	0	0	0	0	0	0	0
11/23/2023 10:15	53903 HALI_T2	1	2	1	0.1	0.5	0.4	-0.13	-0.12	0	0	0	0	0	0
11/23/2023 10:15	47101 MARL_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/23/2023 10:16	12701 MACU_T1	0	5	5	0	0	0	0.22	0.2	0	0	0	0	0	0
11/23/2023 10:18	47101 MARL_T1	55	43	-12	0.85	0.78	-0.07	-0.08	-0.68	0	1	1	0	600	600
11/23/2023 10:19	13302 ORVI_T2	33	33	0	0.25	0.27	0.02	0.62	0.58	0	0	0	0	0	0
11/23/2023 10:19	56501 ROCK_T2	1	1	0	0.6	0	-0.6	-0.89	-0.89	0	0	0	0	0	0
11/23/2023 10:19	52502 PROG_T2	0	1	1	0	0.1	0.1	-0.63	-0.67	1	1	0	900	900	0
11/23/2023 10:20	66501 SMAN_T2	0	2	2	0	0.15	0.15	0	0	0	0	0	0	0	0
11/23/2023 10:20	14403 SSLA_T1	0	0	0	0	0	0	0.88	0.86	0	0	0	0	0	0
11/23/2023 10:21	43304 WATS_T2	2	0	-2	0.25	0	-0.25	-0.68	-0.62	0	0	0	0	0	0
11/23/2023 10:21	57401 SPAN_T1	0	2	2	0	0.35	0.35	-0.98	-1.02	1	1	0	600	600	0
11/23/2023 10:22	57401 SPAN_T1	0	2	2	0	0.35	0.35	-0.98	-1.02	1	1	0	600	600	0
11/23/2023 10:23	10801 CHNI_T1	1	1	0	0.1	0.2	0.1	-3.08	-3.05	4	4	0	3000	3000	0
11/23/2023 10:24	43304 WATS_T2	2	0	-2	0.25	0	-0.25	-0.68	-0.62	0	0	0	0	0	0
11/23/2023 10:24	59102 WALK_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/23/2023 10:24	46004 BERW_T2	0	1	1	0	0	0	0	0	0	0	0	0	0	0
11/23/2023 10:26	64101 REFR_T1	0	0	0	0	0	0	0.16	0.14	0	0	0	0	0	0
11/23/2023 10:28	27101 GFLD_T2	0	0	0	0	0	0	0.36	0.37	0	0	0	0	0	0
11/23/2023 10:28	42102 FRAI_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/23/2023 10:29	12701 MACU_T1	0	5	5	0	0	0	0.2	0.2	0	0	0	0	0	0
11/23/2023 10:29	40101 HUNT_T2	157	240	83	0.62	0.53	-0.09	-0.59	-0.61	0	0	0	0	0	0
11/23/2023 10:33	17803 GILB_T2	10	11	1	0.12	0.15	0.03	0	0	0	0	0	0	0	0
11/23/2023 10:34	58402 MORO_T1	0	0	0	0	0	0	-0.58	-0.57	1	1	0	600	600	0
11/23/2023 10:34	60501 NMAN_T2	3	3	0	3.17	3.73	0.56	0	0	0	0	0	0	0	0
11/23/2023 10:34	58001 WCAR_T1	4	4	0	0.98	1	0.02	0	0	0	0	0	0	0	0
11/23/2023 10:35	17804 GILB_T2	0	1	1	0	0.2	0.2	-0.51	-0.5	0	0	0	0	0	0
11/23/2023 10:36	43301 WATS_T2	3	6	3	0.67	0.25	-0.42	0	0	0	0	0	0	0	0
11/23/2023 10:36	17805 GILB_T2	0	1	1	0	0	0	0.06	0.08	0	0	0	0	0	0
11/23/2023 10:36	14403 SSLA_T1	0	0	0	0	0	0	0.86	0.91	0	0	0	0	0	0
11/23/2023 10:37	59102 WALK_T2	77	81	4	0.44	0.42	-0.02	0	0	0	0	0	0	0	0
11/23/2023 10:37	58003 WCAR_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/23/2023 10:38	43302 WATS_T2	4	4	0	0.3	0.43	0.13	0	0	0	0	0	0	0	0
11/23/2023 10:38	45902 AUBU_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/23/2023 10:38	60201 ATGL_T2	0	0	0	0	0	0	0.22	0.17	0	0	0	0	0	0
11/23/2023 10:39	43201 MVIL_T2	0	0	0	0	0	0	-0.35	-0.36	0	0	0	0	0	0
11/23/2023 10:39	45402 WBLO_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/23/2023 10:39	56803 BENV_T1	3	2	-1	0.6	0.3	-0.3	0	0	0	0	0

11/23/2023 11:08	42802 SELI_T1	0	0	0	0	0	0	-2.21	-2.18	1	1	0	900	900	0
11/23/2023 11:09	59101 WALK_T2	3	3	0	0.25	0.45	0.2	-0.93	-1.05	0	0	0	0	0	0
11/23/2023 11:09	42801 SELI_T1	1	1	0	0	0	0	0	0	0	0	0	0	0	0
11/23/2023 11:09	56802 BENV_T2	5	24	19	0.4	0.24	-0.16	-1.33	-1.34	0	0	0	0	0	0
11/23/2023 11:09	27502 WEIS_T2	0	6	6	0	0	0	-0.42	-0.44	0	0	0	0	0	0
11/23/2023 11:09	42503 ALTA_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/23/2023 11:10	41801 GOCI_T2	0	2	2	0	0.35	0.35	0	0	0	0	0	0	0	0
11/23/2023 11:10	42802 SELI_T1	0	0	0	0	0	0	-4.41	-4.36	2	2	0	1800	1800	0
11/23/2023 11:14	40101 HUNT_T2	172	132	-40	0.53	0.48	-0.05	-0.62	-0.59	0	0	0	0	0	0
11/23/2023 11:14	66702 STRA_T1	1	2	1	1.5	0.85	-0.65	-1.48	-1.48	2	2	0	1800	1800	0
11/23/2023 11:15	66701 STRA_T1	0	1	1	0	0.2	0.2	0	0	0	0	0	0	0	0
11/23/2023 11:15	45702 LIND_T2	0	1	1	0	0.2	0.2	-0.51	-0.49	0	0	0	0	0	0
11/23/2023 11:15	58401 MORO_T1	0	0	0	0	0	0	-2.43	-2.43	2	2	0	1200	1200	0
11/23/2023 11:16	40601 PIGR_T1	74	70	-4	0.25	0.2	-0.05	0	0	0	0	0	0	0	0
11/23/2023 11:17	46506 LOHA_T1	0	1	1	0	0.7	0.7	0	0	0	0	0	0	0	0
11/23/2023 11:17	58401 MORO_T1	0	0	0	0	0	0	-2.43	-2.43	2	2	0	1200	1200	0
11/23/2023 11:17	40602 PIGR_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/23/2023 11:18	64204 KINZ_T1	1	2	1	0.8	0.7	-0.1	0	0	0	0	0	0	0	0
11/23/2023 11:18	44601 SALE_T2	0	0	0	0	0	0	-0.13	-0.13	0	0	0	0	0	0
11/23/2023 11:19	58401 MORO_T1	0	0	0	0	0	0	-1.21	-1.21	1	1	0	600	600	0
11/23/2023 11:19	44601 SALE_T2	0	0	0	0	0	0	-0.13	-0.13	0	0	0	0	0	0
11/23/2023 11:19	41901 REED_T1	11	11	0	1.28	1.32	0.04	0	0	0	0	0	0	0	0
11/23/2023 11:19	55105 WERT_T1	0	0	0	0	0	0	-0.67	-0.68	1	1	0	900	900	0
11/23/2023 11:20	55002 NEWP_T1	7	9	2	1.03	1.13	0.1	-0.18	-0.15	0	0	0	0	0	0
11/23/2023 11:20	58401 MORO_T1	0	0	0	0	0	0	-1.21	-1.21	1	1	0	600	600	0
11/23/2023 11:21	40602 PIGR_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/23/2023 11:21	45901 AUBU_T1	12	30	18	0.2	0.22	0.02	0	0	0	0	0	0	0	0
11/23/2023 11:25	44901 SCOT_T2	0	22	22	0	0.33	0.33	-0.55	-0.53	0	0	0	0	0	0
11/23/2023 11:28	61801 EELI_T2	0	0	0	0	0	0	-0.25	-0.25	0	0	0	0	0	0
11/23/2023 11:31	58401 MORO_T1	0	0	0	0	0	0	-4.86	-4.92	4	4	0	2400	2400	0
11/23/2023 11:33	58401 MORO_T1	0	0	0	0	0	0	-1.21	-1.23	1	1	0	600	600	0
11/23/2023 11:34	47403 PENS_T1	1	1	0	2.3	2.6	0.3	0	0	0	0	0	0	0	0
11/23/2023 11:35	47401 PENS_T1	0	1	1	0	0.4	0.4	0.76	0.74	0	0	0	0	0	0
11/23/2023 11:35	58003 WCAR_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/23/2023 11:36	44901 SCOT_T2	0	32	32	0	0.32	0.32	-0.53	-0.29	0	0	0	0	0	0
11/23/2023 11:38	66701 STRA_T1	0	1	1	0	0.4	0.4	0	0	0	0	0	0	0	0
11/23/2023 11:38	49804 UNIV_T1	0	2	2	0	0.1	0.1	0	0	0	0	0	0	0	0
11/23/2023 11:38	58001 WCAR_T1	4	4	0	1.28	1.35	0.07	0	0	0	0	0	0	0	0
11/23/2023 11:38	46004 BERW_T2	1	0	-1	0.2	0	-0.2	-0.71	-0.69	0	0	0	0	0	0
11/23/2023 11:39	62106 ELAN_T1	34	74	40	0.2	0.23	0.03	0	0	0	0	0	0	0	0
11/23/2023 11:39	44904 SCOT_T1	0	0	0	0	0	0	-0.1	-0.11	0	0	0	0	0	0
11/23/2023 11:40	23402 HONE_T2	0	2	2	0	0	0	0	0	0	0	0	0	0	0
11/23/2023 11:41	54505 ENOL_T2	1	1	0	0.8	0.9	0.1	0	0	0	0	0	0	0	0
11/23/2023 11:42	43202 MVIL_T2	0	0	0	0	0	0	-0.64	-0.66	0	0	0	0	0	0
11/23/2023 11:42	43202 MVIL_T2	0	0	0	0	0	0	-0.64	-0.66	0	0	0	0	0	0
11/23/2023 11:48	54206 PENN_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/23/2023 11:49	46901 MNTG_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/23/2023 11:50	56501 ROCK_T2	0	1	1	0	0	0	-0.92	-0.88	0	0	0	0	0	0
11/23/2023 11:50	47401 PENS_T1	0	3	3	0	0.23	0.23	0.74	0.87	0	0	0	0	0	0
11/23/2023 11:52	59202 THOM_T1	432	595	163	0.43	0.55	0.12	0	0	0	0	0	0	0	0
11/23/2023 11:52	56501 ROCK_T2	0	1	1	0	0	0	0	0	0	0	0	0	0	0
11/23/2023 11:53	24902 WHHA_T1	1	0	-1	0.4	0	-0.4	0.63	0.62	0	0	0	0	0	0
11/23/2023 11:54	66702 STRA_T1	8	34	26	0.33	0.22	-0.11	-0.74	-0.77	1	1	0	900	900	0
11/23/2023 11:54	49804 UNIV_T1	0	2	2	0	0.15	0.15	0	0	0	0	0	0	0	0
11/23/2023 11:54	56501 ROCK_T2	0	1	1	0	0	0	-0.92	-0.88	0	0	0	0	0	0
11/23/2023 11:56	23402 HONE_T2	0	2	2	0	0	0	0	0	0	0	0	0	0	0
11/23/2023 12:00	62104 ELAN_T1	0	1	1	0	0.1	0.1	0	0	0	0	0	0	0	0
11/23/2023 12:03	42201 SHEN_T2	0	0	0	0	0	0	0.03	0.04	1	1	0	600	600	0
11/23/2023 12:06	13901 SEID_T1	0	0	0	0	0	0	0.19	0.18	0	0	0	0	0	0
11/23/2023 12:11	45802 HEGI_T2	0	0	0	0	0	0	0.13	0.09	0	0	0	0	0	0
11/23/2023 12:12	54503 ENOL_T2	0	0	0	0	0	0	-1.07	-1.1	1	1	0	600	600	0
11/23/2023 12:12	23402 HONE_T2	2	0	-2	0.2	0	-0.2	0	0	0	0	0	0	0	0
11/23/2023 12:12	54502 ENOL_T2	1	1	0	0.1	0.2	0.1	-2.07	-2.05	1	1	0	600	600	0
11/23/2023 12:13	54505 ENOL_T2	1	1	0	0.9	1	0.1	0	0	0	0	0	0	0	0
11/23/2023 12:13	45001 LIME_2	0	23	23	0	0.26	0.26	0	0	0	0	0	0	0	0
11/23/2023 12:14	54503 ENOL_T2	0	0	0	0	0	0	-1.07	-1.1	1	1	0	600	600	0
11/23/2023 12:14	54502 ENOL_T2	1	1	0	0.1	0.2	0.1	-2.07	-2.05	1	1	0	600	600	0
11/23/2023 12:15	64202 KINZ_T1	3	3	0	0.43	0.67	0.24	0	0	0	0	0	0	0	0
11/23/2023 12:16	45802 HEGI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/23/2023 12:16	54503 ENOL_T2	0	0	0	0	0	0	-1.07	-1.1	1	1	0	600	600	0
11/23/2023 12:17	45001 LIME_2	20	31	11	0.23	0.41	0.18	0	0	0	0	0	0	0	0
11/23/2023 12:21	42201 SHEN_T2	0	0	0	0	0	0	0.04	0	1	1	0	600	600	0
11/23/2023 12:26	54503 ENOL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/23/2023 12:33	41901 REED_T1	11	13	2	1.29	1.18	-0.11	0	0	0	0	0	0	0	0
11/23/2023 12:33	67401 WAKE_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/23/2023 12:36	67204 TEHI_T2	0	0	0	0	0	0	-0.29	-0.28	0	0	0	0	0	0
11/23/2023 12:38	67204 TEHI_T2	0	0	0	0	0	0	-0.29	-0.28	0	0	0	0	0	0
11/23/2023 12:41	54505 ENOL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/23/2023 12:45	50105 HARR_T3	7	8	1	5.9	5.74	-0.16	0	0	0	0	0	0	0	0
11/23/2023 12:46	58401 MORO_T1	3	3	0	0.5	0.5	0	-1.12	-1.14	1	1	0	600	600	0
11/23/2023 12:47	51004 NHAR_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/23/2023 12:47	58401 MORO_T1	3	3	0	0.5	0.5	0	-1.12	-1.14	1	1	0	600	600	0
11/23/2023 12:47	50506 MECH_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/23/2023 12:48	54202 PENN_T2	0	0	0	0	0	0	0.53	0.52	0	0	0	0	0	0
11/23/2023 12:48	47403 PENS_T1	1	2	1	2.8	1.5	-1.3	0	0	0	0	0	0	0	0
11/23/2023 12:48	50506 MECH_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/23/2023 12:49	58401 MORO_T1	3	3	0	0.5	0.5	0	-2.24	-2.27	2	2	0	1200	1200	0
11/23/2023 12:50	41901 REED_T1	11	13	2	1.26	1.16	-0.1	0	0	0	0	0	0	0	0
11/23/2023 12:50	58401 MORO_T1	3	3	0	0.5	0.5	0	-1.12	-1.14	1	1	0	600	600	0
11/23/2023 12:51	41901 REED_T1	11	13	2	1.26	1.16	-0.1	0	0	0	0	0	0	0	0
11/23/2023 12:51	66703 STRA_T1	8	8	0	0.48	0.44	-0.04	0	0	0	0	0	0	0	0
11/23/2023 12:53	66703 STRA_T1	8	8	0	0.48	0.44	-0.04	0	0	0	0	0	0	0	0
11/23/2023 12:54	42601 TUSC_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/23/2023 12:54	66702 STRA_T1	4	1	-3	0.45	0.7	0.25	0.19	0.15	0	0	0	0	0	0
11/23/2023 12:55	20401 ASHF_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/23/2023 12:55	43202 MVIL_T2	1	1	0	0.2	0.7	0.5	0	0	0	0	0	0	0	0
11/23/2023 12:56	20403 ASHF_T2	3	3	0	0.47	0.33	-0.14	0.14	0.12	0	0	0	0	0	0
11/23/2023 12:56	43202 MVIL_T2	1	1	0	0.2	0.7	0.5	-0.69	-0.69	0	0	0	0	0	0
11/23/2023 13:02	63203 MGTN_T1	0	0	0	0	0	0	-0.28	-0.26	1	1	0	600	600	0
11/23/2023 13:02	51201 MTON_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/23/2023 13:06	45301 WBER_T2	0	4	4	0	0.13	0.13	0	0	0	0	0	0	0	0
11/23/2023 13:07	66901 SHIL_T2	61	113	52	0.19	0.2	0.01	-1.83	-1.81	1	1	0	1200	1200	0
11/23/2023 13:08	20402 ASHF_T2	0	1	1	0	0.1	0.1	0	0	0	0	0	0	0	0
11/23/2023 13:09	45301 WBER_T2	0	4	4	0	0.13	0.13	0	0	0	0	0	0	0	0
11/23/2023 13:13	54501 ENOL_T2	0	4	4	0	0.15	0.15	0	0	0	0	0	0	0	0
11/23/2023 13:15	54501 ENOL_T2	3	4	1	0.17	0.15	-0.02	0	0	0	0	0	0	0	0
11/23/2023 13:16	58401 MORO_T1	3	3	0	0.47	0.33	-0.14	0	0	0	0	0	0	0	0
11/23/2023 13:17	58402 MORO_T1	0	0	0	0	0	0	-0.66	-0.69	1	1	0	600	600	0
11/23/2023 13:18	56504 ROCK_T2	0	0	0	0	0	0	0	-0.27	-0.42	0	0	0	0	0
11/23/2023 13:19	56501 ROCK_T2	8	8	0	0.48	0.69	0.21	-0.95	-1.01	0	0	0	0	0	0
11/23/2023 13:21	44901 SCOT_T2	86	139	53	0.3	0.4	0.1	-0.32	-0.36	0	0	0	0	0	0
11/23/2023 13:21	67303 WYOM_T2	2	2	0	0.15	0.2	0.05	-0.28	-0.29	0	0	0	0	0	0
11/23/2023 13:23	67201 TEHI_T1	1	2	1	0.1	0.3	0.2	0.29	0.19	0	0	0	0	0	0
11/23/2023 13:29	59301 MCAL_T1	85	88	3	0.86	0.94	0.08	-1.22	-1.18	0	0	0	0	0	0
11/23/2023 13:33	67002 STHI_T2	10	35	25	0.19	0.17	-0.02	0	0	0	0	0	0	0	0
11/23/2023 13:34	54206 PENN_T2	0	1	1	0	0.1	0.1	0	0	0	0	0	0	0	0
11/23/2023 13:34	47401 PENS_T1	4	6	2	0.63	0.55	-0.08	0.7	0.66	0	0	0	0	0	0
11/23/2023 13:35	47403 PENS_T1	2	1	-1	1.45	2.7	1.25	0	0	0	0	0	0	0	0
11/23/2023 13:37	42002 MNVL_T2	1	2	1	4.8	4.6	-0.2	0	0	0	0	0	0	0	0
11/23/2023 13:37	46001 BERW_T1	0	2	2	0	0.25	0.25	0.58	0.54	0	0	0	0	0	0
11/23/2023 13:39	46001 BERW_T1	0	2	2	0	0.25	0.25	0.58	0.54	0	0	0	0	0	0
11/23/2023 13:41	54505 ENOL_T2	1	3	2	0	1.3	1.3	0	0	0	0	0	0	0	0
11/23/2023 13:43	54503 ENOL_T2	1	1	0	0.1	0.1	0	-1.07	-1.12	1	1	0	600	600	0
11/23/2023 13:45	54502 ENOL_T2	3	1	-2	0.37	0.2	-0.17	0	0	0	0	0	0	0	0
11/23/2023 13:49	47401 PENS_T1	6	4	-2	0.55	0.5	-0.05	0.66	0.67	0	0	0	0	0	0
11/23/2023 13:51	54204 PENN_T2	3	2	-1	0.1	0.15	0.05	0	0	0	0	0	0	0	0
11/23/2023 13:53	65003 NEFF_T2	1	1	0	0.4	0.4	0	0	0	0	0	0	0	0	0
11/23/2023 13:53	46001 BERW_T1	1	2	1	0.2	0.25	0.05	0.54	0.54	0	0	0	0	0	0
11/23/2023 13:54	46001 BERW_T1	1	2	1	0.2	0.25	0.05	0.54	0.54	0	0	0	0	0	0
11/23/2023 13:56	28602 BLYT_T2	1	0	-1	7.4	0	-7.4	0	0	0	0	0	0	0	0
11/23/2023 13:58	47002 HUGH_T2	0	2	2	0	0.15	0.15	0	0	0	0	0	0	0	0
11/23/2023 13:59	48902 FOSP_T2	0	0	0	0	0	0	-0.34	-0.29	0	0	0	0	0	0
11/23/2023 13:59	52004 LING_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/23/2023 14:01	47002 HUGH_T2	2	0	-2	0.15	0	-0.15	0	0	0	0	0	0	0	0
11/23/2023 14:03	65001 NEFF_T2	0	0	0	0	0	0	-0.05	-0.08	0	0	0	0	0	0
11/23/2023 14:03	47401 PENS_T1	4	1	-3	0.5	0.8	0.3	1.34	1.34	0	0	0	0	0	0
11/23/2023 14:03	58401 MORO_T1	3	1	-2	0.37	0.4	0.03	-1.15	-1.17	1	1	0	600	600	0
11/23/2023 14:06	43302 WATS_T2	4	4	0	0.48	0.55	0.07	0	0	0	0	0	0	0	0
11/23/2023 14:06	56501 ROCK_T2	7	11	4	0.71	0.55	-0.16	0	0	0	0	0	0	0	0
11/23/2023 14:07	43302 WATS_T2	4	4	0	0.48	0.55	0.07	0	0	0	0	0	0	0	0
11/23/2023 14:07	43304 WATS_T2	0	0	0	0	0	0	-0.86	-0.89	0	0	0	0	0	0
11/23/2023 14:07	20403 ASHF_T2	4	0	-4	0.23	0	-0.23	0.09	0.07	0	0	0	0	0	0
11/23/2023 14:08	43301 WATS_T2	1	1	0	0.5	0.2	-0.3	0.95	0.88	0	0	0	0	0	0
11/23/2023 14:08	60201 ATGL_T2	0	0	0	0	0	0	0.2	0.21	0	0	0	0	0	0
11/23/2023 14:08	43304 WATS_T2	0	0	0	0	0	0	-0.43	-0.45	0	0	0	0	0	0
11/23/2023 14:08	58003 WCAR_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/23/2023 14:09	43302 WATS_T2	4	4	0	0.48	0.55	0.07	0	0	0	0	0	0	0	0
11/23/2023 14:09	46001 BERW_T1	2	2	0	0.25	0.1	-0.15	0.54	0.52	0	0	0	0	0	0
11/23/2023 14:09	43301 WATS_T2	1	1	0	0.5	0.2	-0.3	0	0	0	0	0	0	0	0
11/23/2023 14:09	20403 ASHF_T2	4	0	-4	0.23	0	-0.23	0.09	0.07	0	0	0	0	0	0
11/23/2023 14:09	60201 ATGL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/23/2023 14:09	61303 EARL_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/23/2023 14:09	67503 WEWI_T2	0	0	0	0	0	0	-0.42	-0.41	0	0	0	0	0	0
11/23/2023 14:09	67503 WEWI_T2	0	0	0	0	0	0	-0.42	-0.41	0	0	0	0	0	0
11/23/2023 14:09	53102 WTWN_T1	0	0	0	0	0	0	-0.59	-0.57	0	0	0	0	0	0
11/23/2023 14:09	46203 DANV_T2	2	0	-2	0.7	0	-0.7	-0.2	-0.21	0	0	0	0	0	0
11/23/2023 14:10	67502 WEWI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/23/2023 14:10	46001 BERW_T1	2	2	0	0.25	0.1	-0.15	0.54	0.52	0	0	0	0	0	0
11/23/2023 14:10	43301 WATS_T2	1	1	0	0.5	0.2	-0.3	0.32	0.29	0	0	0	0	0	0
11/23/2023 14:10	46203 DANV_T2	2	0	-2	0.7	0	-0.7	-0.2	-0.21	0	0	0	0	0	0
11/23/2023 14:10	53102 WTWN_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/23/2023 14:11	43301 WATS_T2	1	1	0	0.5	0.2	-0.3	0	0	0	0	0	0	0	0
11/23/2023 14:12	46203 DANV_T2	2	0	-2	0.7	0	-0.7	0	0	0	0	0	0	0	0
11/23/2023 14:13	63601 LETO_T1	2	5	3	0.25	0.3	0.05	1.36	1.09	0	0	0	0	0	0
11/23/2023 14:14	43202 MVIL_T2	1	1	0	0.3	0.7	0.4	-0.68	-0.67	0	0	0	0	0	0
11/23/2023 14:14	43201 MVIL_T2	0	0	0	0	0	0	-0.41	-0.43	0	0	0	0	0	0
11/23/2023 14:14	45001 LIME_2	30	29	-1	0.54	0.42	-0.12	0	0	0	0	0	0	0	0
11/23/2023 14:14	51401 LYKE_T1	0	0	0	0	0	0	0.22	0.23	0	0	0	0	0	0
11/23/2023 14:15	53302 GRAT_T2	115	118	3	0.94	0.99	0.05	0	0	0	0	0	0	0	0
11/23/2023 14:15	52004 LING_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/23/2023 14:17	64301 LINC_T1	0	0	0	0	0	0	0.11	0.11	0	0	0	0	0	0
11/23/2023 14:19	47401 PENS_T1	1	1	0	0.8	0.8	0	0.67	0.63	0	0	0	0	0	0
11/23/2023 14:19	48303 ORWI_T2	0	1	1	0	0.1	0.1	0	0	0	0	0	0	0	0
11/23/2023 14:20	58001 WCAR_T1	4	4	0	1.48	1.73	0.25	0	0	0	0	0	0	0	0
11/23/2023 14:20	45301 WBER_T2	1	10	9	0.1	0.14	0.04	0	0	0	0	0	0	0	0
11/23/2023 14:20	47401 PENS_T1	1	1	0	0.8	0.8	0	0.67	0.63	0	0	0	0	0	0
11/23/2023 14:20	67502 WEWI_T2	9	47	38	0.28	0.2	-0.08	-0.53	-0.53	0	0	0	0	0	0
11/23/2023 14:21	16302 ALPA_T2	0	0	0	0	0	0	0.45	0.52	0	0	0	0	0	0
11/23/2023 14:21	40602 PIGR_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0

11/23/2023 14:30	40902 JESH_T1	0	0	0	0	0	0	-1.58	-1.73	0	0	0	0	0	0
11/23/2023 14:31	52404 GRPA_T2	1	1	0	0.1	0.2	0.1	0	0	0	0	0	0	0	0
11/23/2023 14:31	63802 HEMP_T1	2	34	32	0.1	0.14	0.04	-0.28	-0.22	0	0	0	0	0	0
11/23/2023 14:31	55002 NEWP_T1	9	8	-1	0.99	1.06	0.07	0	0	0	0	0	0	0	0
11/23/2023 14:31	63804 HEMP_T1	4	5	1	1.38	1.22	-0.16	0.8	0.82	0	0	0	0	0	0
11/23/2023 14:31	65401 MARI_T1	76	315	239	0.13	0.18	0.05	0.25	0.26	0	0	0	0	0	0
11/23/2023 14:31	52401 GRPA_T2	2	2	0	0.45	0.6	0.15	0	0	0	0	0	0	0	0
11/23/2023 14:31	45501 DERR_T2	0	0	0	0	0	0	0.04	0.06	1	1	0	600	600	0
11/23/2023 14:31	40603 PIGR_T1	0	0	0	0	0	0	0.26	0.28	0	0	0	0	0	0
11/23/2023 14:32	64202 KINZ_T1	2	2	0	0.4	0.5	0.1	0	0	0	0	0	0	0	0
11/23/2023 14:32	55001 NEWP_T1	0	1	1	0	0.2	0.2	0	0	0	0	0	0	0	0
11/23/2023 14:32	59402 RFLD_T2	3	5	2	0.27	0.22	-0.05	-0.83	-0.82	1	1	0	450	450	0
11/23/2023 14:33	55001 NEWP_T1	0	1	1	0	0.2	0.2	-0.21	-0.19	0	0	0	0	0	0
11/23/2023 14:33	45501 DERR_T2	0	0	0	0	0	0	0.04	0.06	1	1	0	600	600	0
11/23/2023 14:33	56504 ROCK_T2	0	1	1	0	0.2	0.2	0	0	0	0	0	0	0	0
11/23/2023 14:34	54603 SUMM_T2	1	4	3	0.1	0.15	0.05	0	0	0	0	0	0	0	0
11/23/2023 14:34	64802 MONE_T2	0	0	0	0	0	0	0.28	0.27	0	0	0	0	0	0
11/23/2023 14:34	57404 SPAN_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/23/2023 14:35	57401 SPAN_T1	3	22	19	0.53	0.21	-0.32	0	0	0	0	0	0	0	0
11/23/2023 14:35	67002 STHI_T2	45	63	18	0.16	0.18	0.02	0.62	0.61	0	0	0	0	0	0
11/23/2023 14:35	55002 NEWP_T1	9	8	-1	0.99	1.06	0.07	0	0	0	0	0	0	0	0
11/23/2023 14:35	45301 WBER_T2	6	14	8	0.13	0.16	0.03	0	0	0	0	0	0	0	0
11/23/2023 14:35	67502 WEWI_T2	29	136	107	0.19	0.22	0.03	-0.53	-0.55	0	0	0	0	0	0
11/23/2023 14:36	67002 STHI_T2	45	63	18	0.16	0.18	0.02	0.62	0.61	0	0	0	0	0	0
11/23/2023 14:36	57403 SPAN_T1	54	144	90	0.26	0.35	0.09	0.02	0.01	0	0	0	0	0	0
11/23/2023 14:36	66703 STRA_T1	17	6	-11	0.26	0.45	0.19	0	0	0	0	0	0	0	0
11/23/2023 14:36	55002 NEWP_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/23/2023 14:36	57403 SPAN_T1	54	144	90	0.26	0.35	0.09	0.02	0.01	0	0	0	0	0	0
11/23/2023 14:37	46004 BERW_T2	1	2	1	0.3	0.2	-0.1	-0.77	-0.76	0	0	0	0	0	0
11/23/2023 14:37	163802 ALPA_T2	0	0	0	0	0	0	0.52	0.44	0	0	0	0	0	0
11/23/2023 14:37	54602 SUMM_T2	5	5	0	0.22	0.34	0.12	0	0	0	0	0	0	0	0
11/23/2023 14:37	67502 WEWI_T2	29	136	107	0.19	0.22	0.03	-0.53	-0.55	0	0	0	0	0	0
11/23/2023 14:37	67002 STHI_T2	45	63	18	0.16	0.18	0.02	0.62	0.61	0	0	0	0	0	0
11/23/2023 14:37	67502 WEWI_T2	29	136	107	0.19	0.22	0.03	-0.53	-0.55	0	0	0	0	0	0
11/23/2023 14:38	57404 SPAN_T2	0	0	0	0	0	0	-0.19	-0.23	1	1	0	1200	1200	0
11/23/2023 14:38	42701 AUGU_T1	1	1	0	0.7	0.8	0.1	0	0	4	4	0	3600	3600	0
11/23/2023 14:38	56504 ROCK_T2	0	1	1	0	0.2	0.2	-0.44	-0.19	0	0	0	0	0	0
11/23/2023 14:38	57403 SPAN_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/23/2023 14:39	67502 WEWI_T2	29	136	107	0.19	0.22	0.03	0	0	0	0	0	0	0	0
11/23/2023 14:39	163802 ALPA_T2	0	0	0	0	0	0	0.52	0.44	0	0	0	0	0	0
11/23/2023 14:40	60201 ATGL_T2	0	0	0	0	0	0	0.1	0.11	0	0	0	0	0	0
11/23/2023 14:40	163802 ALPA_T2	0	0	0	0	0	0	0.52	0.44	0	0	0	0	0	0
11/23/2023 14:40	67503 WEWI_T2	0	0	0	0	0	0	-0.42	-0.44	0	0	0	0	0	0
11/23/2023 14:40	53501 EVIL_T2	12	12	0	0.62	0.59	-0.03	0	0	0	0	0	0	0	0
11/23/2023 14:40	45902 AUBU_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/23/2023 14:40	61303 EARL_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/23/2023 14:40	67503 WEWI_T2	0	0	0	0	0	0	-0.42	-0.44	0	0	0	0	0	0
11/23/2023 14:41	52404 GRPA_T2	1	1	0	0.1	0.2	0.1	0	0	0	0	0	0	0	0
11/23/2023 14:42	46004 BERW_T2	1	2	1	0.3	0.2	-0.1	-0.76	-0.73	0	0	0	0	0	0
11/23/2023 14:42	52402 GRPA_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/23/2023 14:43	26401 INOR_T1	2	1	-1	0.2	0.1	-0.1	0.23	0.23	0	0	0	0	0	0
11/23/2023 14:43	63401 HONY_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/23/2023 14:44	67605 WARW_T1	37	58	21	0.55	0.48	-0.07	-1.29	-1.3	0	0	0	0	0	0
11/23/2023 14:44	28403 HART_T2	0	0	0	0	0	0	-0.88	-0.88	1	1	0	900	900	0
11/23/2023 14:44	12401 MILF_T1	0	0	0	0	0	0	-0.38	-0.37	0	0	0	0	0	0
11/23/2023 14:44	26401 INOR_T1	2	1	-1	0.2	0.1	-0.1	0	0	0	0	0	0	0	0
11/23/2023 14:45	46903 MNTG_T2	0	0	0	0	0	0	-0.09	-0.09	1	1	0	600	600	0
11/23/2023 14:45	63401 HONY_T1	6	3	-3	0.15	0.17	0.02	-0.09	-0.1	0	0	0	0	0	0
11/23/2023 14:45	52002 LING_T2	1	1	0	1.1	1.3	0.2	0	0	0	0	0	0	0	0
11/23/2023 14:46	45003 LIME_2	2	2	0	2.35	2.2	-0.15	0	0	1	1	0	1200	1200	0
11/23/2023 14:47	54701 NEBL_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/23/2023 14:47	40601 PIGR_T1	68	91	23	0.16	0.17	0.01	0	0	0	0	0	0	0	0
11/23/2023 14:47	55001 NEWP_T1	0	1	1	0	0.2	0.2	0	0	0	0	0	0	0	0
11/23/2023 14:48	63203 MGTN_T1	0	0	0	0	0	0	-0.29	-0.27	1	1	0	600	600	0
11/23/2023 14:49	47401 PENS_T1	1	2	1	0.6	0.25	-0.35	0.57	0.57	0	0	0	0	0	0
11/23/2023 14:50	57403 SPAN_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/23/2023 14:50	67401 WAKE_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/23/2023 14:50	56504 ROCK_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/23/2023 14:51	67401 WAKE_T2	0	0	0	0	0	0	-0.95	-0.91	0	0	0	0	0	0
11/23/2023 14:51	59201 THOM_T1	90	88	-2	0.65	0.65	0	0	0	0	0	0	0	0	0
11/23/2023 14:52	56504 ROCK_T2	1	1	0	0.1	0.2	0.1	-0.38	-0.49	0	0	0	0	0	0
11/23/2023 14:53	56504 ROCK_T2	1	1	0	0.1	0.2	0.1	-0.19	-0.24	0	0	0	0	0	0
11/23/2023 14:54	46203 DANV_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/23/2023 14:54	60901 DONG_T2	5	7	2	0.18	0.21	0.03	0	0	0	0	0	0	0	0
11/23/2023 14:55	61801 EEU_T2	2	2	0	0.4	0.45	0.05	-0.58	-0.6	0	0	0	0	0	0
11/23/2023 14:55	60201 ATGL_T2	0	0	0	0	0	0	0.11	0.09	0	0	0	0	0	0
11/23/2023 14:55	62604 ENGL_T1	0	0	0	0	0	0	-0.4	-0.43	1	1	0	600	600	0
11/23/2023 14:55	10602 BLGL_T2	1	1	0	0.3	0.3	0	-0.02	-0.01	0	0	0	0	0	0
11/23/2023 14:56	61103 BERK_T5	1	1	0	0.1	0.1	0	0	0	0	0	0	0	0	0
11/23/2023 14:56	62604 ENGL_T1	0	0	0	0	0	0	-0.86	-0.9	2	2	0	1200	1200	0
11/23/2023 14:56	46203 DANV_T2	0	0	0	0	0	0	-0.22	-0.25	0	0	0	0	0	0
11/23/2023 14:57	55002 NEWP_T1	8	7	-1	0.93	1.11	0.18	-0.23	-0.24	0	0	0	0	0	0
11/23/2023 14:57	46203 DANV_T2	0	0	0	0	0	0	-0.22	-0.25	0	0	0	0	0	0
11/23/2023 14:58	45003 LIME_2	26	33	7	0.41	0.56	0.15	0	0	0	0	0	0	0	0
11/23/2023 14:58	62604 ENGL_T1	0	0	0	0	0	0	-0.43	-0.45	1	1	0	600	600	0
11/23/2023 14:58	65402 MARI_T1	70	113	43	0.25	0.31	0.06	-0.37	-0.41	0	0	0	0	0	0
11/23/2023 14:59	52402 GRPA_T2	8	6	-2	1.04	1.3	0.26	0	0	0	0	0	0	0	0
11/23/2023 15:00	65401 MARI_T1	312	391	79	0.18	0.2	0.02	0	0	0	0	0	0	0	0
11/23/2023 15:00	12401 MILF_T1	0	2	2	0	0	0	-0.37	-0.37	0	0	0	0	0	0
11/23/2023 15:01	45003 LIME_2	33	22	-11	0.56	0.28	-0.28	0	0	0	0	0	0	0	0
11/23/2023 15:01	52401 GRPA_T2	2	3	1	0.6	0.5	-0.1	0	0	0	0	0	0	0	0
11/23/2023 15:01	65401 MARI_T1	312	391	79	0.18	0.2	0.02	0.27	0.26	0	0	0	0	0	0
11/23/2023 15:01	58401 MORO_T1	1	1	0	0.1	0.1	0	-2.26	-2.3	2	2	0	1200	1200	0
11/23/2023 15:01	63801 HEMP_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/23/2023 15:02	45003 LIME_2	2	2	0	2.15	2.4	0.25	0	0	0	0	0	0	0	0
11/23/2023 15:02	58401 MORO_T1	1	1	0	0.1	0.1	0	-1.13	-1.15	1	1	0	600	600	0
11/23/2023 15:02	65401 MARI_T1	312	391	79	0.18	0.2	0.02	0	0	0	0	0	0	0	0
11/23/2023 15:02	47401 PENS_T1	2	0	-2	0.25	0	-0.25	0.57	0.54	0	0	0	0	0	0
11/23/2023 15:03	54202 PENN_T2	2	0	-2	0.1	0	-0.1	0	0	0	0	0	0	0	0
11/23/2023 15:03	58401 MORO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/23/2023 15:03	64101 REFR_T1	2	1	-1	0.5	0.9	0.4	-0.01	-0.01	0	0	0	0	0	0
11/23/2023 15:03	55001 NEWP_T1	1	0	-1	0.2	0	-0.2	0	0	0	0	0	0	0	0
11/23/2023 15:03	53803 MBRG_T2	1	0	-1	0.1	0	-0.1	0	0	0	0	0	0	0	0
11/23/2023 15:03	65402 MARI_T1	103	141	38	0.3	0.28	-0.02	0	0	0	0	0	0	0	0
11/23/2023 15:04	58402 MORO_T1	0	0	0	0	0	0	-0.58	-0.59	1	1	0	600	600	0
11/23/2023 15:04	54206 PENN_T2	2	3	1	0.15	0.1	-0.05	0	0	0	0	0	0	0	0
11/23/2023 15:04	61103 BERK_T5	1	0	-1	0.1	0	-0.1	0	0	0	0	0	0	0	0
11/23/2023 15:04	58402 MORO_T1	0	0	0	0	0	0	-0.58	-0.59	1	1	0	600	600	0
11/23/2023 15:04	64101 REFR_T1	2	1	-1	0.5	0.9	0.4	0	-0.01	0	0	0	0	0	0
11/23/2023 15:05	64101 REFR_T1	2	1	-1	0.5	0.9	0.4	0	-0.01	0	0	0	0	0	0
11/23/2023 15:06	64101 REFR_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/23/2023 15:07	45003 LIME_2	33	22	-11	0.56	0.28	-0.28	0	0	0	0	0	0	0	0
11/23/2023 15:07	64101 REFR_T1	2	1	-1	0.5	0.9	0.4	-0.01	-0.02	0	0	0	0	0	0
11/23/2023 15:08	58402 MORO_T1	0	0	0	0	0	0	-0.58	-0.59	1	1	0	600	600	0
11/23/2023 15:12	54501 ENOL_T2	4	3	-1	0.3	0.17	-0.13	0	0	0	0	0	0	0	0
11/23/2023 15:14	63802 HEMP_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/23/2023 15:15	63801 HEMP_T1	35	31	-4	0.15	0.15	0	0	0	0	0	0	0	0	0
11/23/2023 15:15	45003 LIME_2	2	2	0	2.2	2.4	0.2	0	0	1	1	0	1200	1200	0
11/23/2023 15:15	26401 INOR_T1	4	4	0	0	0.13	0.13	0	0	0	0	0	0	0	0
11/23/2023 15:15	59102 WALK_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/23/2023 15:16	40902 JESH_T1	0	0	0	0	0	0	-0.84	-0.78	0	0	0	0	0	0
11/23/2023 15:17	66302 MCGO_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/23/2023 15:21	56501 ROCK_T2	10	19	9	0.37	0.33	-0.04	-1.07	-1.07	0	0	0	0	0	0
11/23/2023 15:23	20403 ASHF_T2	0	0	0	0	0	0	0.1	0.04	0	0	0	0	0	0
11/23/2023 15:26	20403 ASHF_T2	0	0	0	0	0	0	0.04	0.1	0	0	0	0	0	0
11/23/2023 15:27	60801 BUCK_T1	0	0	0	0	0	0	-0.21	-0.22	0	0	0	0	0	0
11/23/2023 15:28	63802 HEMP_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/23/2023 15:29	52402 GRPA_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/23/2023 15:30	65401 MARI_T1	345	200	-145	0.2	0.14	-0.06	0.26	0.25	0	0	0	0	0	0
11/23/2023 15:30	63802 HEMP_T1	44	3	-41	0.14	0.1	-0.04	-0.18	-0.27	0	0	0	0	0	0
11/23/2023 15:33	65402 MARI_T1	127	74	-53	0.27	0.25	-0.02	0	0	0	0	0	0	0	0
11/23/2023 15:34	65402 MARI_T1	127	74	-53	0.27	0.25	-0.02	0	0	0	0	0	0	0	0
11/23/2023 15:36	57403 SPAN_T1	139	156	17	0.26	0.33	0.07	0	0	0	0	0	0	0	0
11/23/2023 15:40	54206 PENN_T2	2	3	1	0.1	0.1	0	0	0	0	0	0	0	0	0
11/23/2023 15:44	43202 MVIL_T2	0	0	0	0	0	0	-0.69	-0.69	0	0	0	0	0	0
11/23/2023 15:47	67502 WEWI_T2	34	4	-30	0.16	0.1	-0.06	-0.54	-0.58	0	0	0	0	0	0
11/23/2023 15:47	47401 PENS_T1	0	0	0	0	0	0	0.53	0.57	0	0	0	0	0	0
11/23/2023 15:49	47403 PENS_T1	1	1	0	1.6	1.9	0.3	0	0	0	0	0	0	0	0
11/23/2023 15:53	43304 WATS_T2	0	0	0	0	0	0	-1.04	-0.96	0	0	0	0	0	0
11/23/2023 15:54	46001 BERW_T1	0	0	0	0	0	0	0.52	0.5	0	0	0	0	0	0
11/23/2023 15:56	54202 PENN_T2	0	1	1	0	0.1	0.1	0.52	0.55	0	0	0	0	0	0
11/23/2023 16:02	45501 DERR_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/23/2023 16:03	45501 DERR_T2	0	0	0	0	0	0	0.02	0.02	1	1	0	600	600	0
11/23/2023 16:16	53901 HAU_T2	0	1	1	0	0.1	0.1	0	0	0	0	0	0	0	0
11/23/2023 16:25	45902 AUBU_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/23/2023 16:32	65001 NEFF_T2	0	0	0	0	0	0	-0.12	-0.06	0	0	0	0	0	0
11/23/2023 16:59	52402 GRPA_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/23/2023 17:20	53903 HAU_T2	0	2	2	0	0.6	0.6	-0.17	-0.17	0	0	0	0	0	0
11/23/2023 17:30	59402 RFLD_T2	0	0	0	0	0	0	-0.82	-0.83	1	1	0	450	450	0
11/23/2023 18:29	27101 GFLD_T2	0	0	0	0	0	0	0.26	0.26	0	0	0	0	0	0
11/23/2023 18:34	26401 INOR_T1	0	0	0	0	0	0	0.23	0.23	0	0	0	0	0	0
11/23/2023 18:35	10602 BLGL_T2	0	0	0	0	0	0	0.05	0.03	0	0	0	0	0	0
11/23/2023 18:37	24902 WHHA_T1	0	2	2	0	0.45	0.45	0.62	0.61	0	0	0	0	0	0
11/23/2023 18:38	23401 HONE_T2	0	0	0	0	0	0	-0.58	-0.56	0	0	0	0	0	0
11/23/2023 18:39	17805 GILB_T2	0	0	0	0	0	0	-0.1	-0.14	0	0	0	0	0	0
11/23/2023 18:39	29402 BELT_T1	1	1	0	8.3	8.2	-0.1	0	0	0	0	0	0	0	0
11/23/2023 18:40	13901 SEID_T1	0	0	0	0	0	0	0.16	0.16	0	0	0	0	0	0
11/23/2023 18:40	26401 INOR_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/23/2023 18:40	44901 SCOT_T2	0	0	0	0	0	0	-0.68	-0.68	0	0	0	0	0	0
11/23/2023 18:40	27502 WEIS_T2	0	0	0	0	0	0	-0.05	-0.06	0	0	0	0	0	0
11/23/2023 18:41	47001 HUGH_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/23/2023 18:42	42001 MNVL_T2	0	0	0	0	0	0	0	-0.02	0	0	0	0	0	0
11/23/2023 18:42	20403 ASHF_T2	0	0	0	0	0	0	0.19	0.21	0	0	0	0	0	0
11/23/2023 18:42	13302 ORVI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/23/2023 18:43	60803 BUCK_T1	0	0	0	0	0	0	-0.96	-1.01	1	1	0	600	600	0
11/23/2023 18:43	39601 LNFD_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/23/2023 18:43	17805 GILB_T2	0	0	0	0	0	0	-0.14	-0.13	0	0	0	0	0	0
11/23/2023 18:43	29401 BELT_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/23/2023 18:43	46504 LOHA_T1	2	2	0	0.15	0.45	0.3	0	0	0	0	0	0	0	0
11/23/2023 18:44	64204 KINZ_T1	1	1	0	1.1	1.3	0.2	0	0	0	0	0	0	0	0
11/23/2023 18:44	47101 MARL_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/23/2023 18:44	67502 WEWI_T2	0	0	0	0	0	0	-0.55	-0.55	0	0	0	0	0	0
11/23/2023 18:45	13302 ORVI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/23/2023 18:45	14403 SSLA_T1	0	0	0	0	0	0	0.69	0.7	0	0	0	0	0	0
11/23/2023 18:45	42503 ALTA_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/23/2023 18:45	28403 HART_T2	0	0	0	0	0	0	-0.83	-0.8	1	1	0	900	900	0
11/23/2023 18:45	25402 LAHA_T2	0	0	0	0	0	0	-0.8	-0.8	0	0	0	0	0	0
11/23/2023 18:45	45902 AUBU_T1	214	263	49	0.26	0.27	0.01	-0.73	-0.72	0	0	0	0	0	0
11/23/2023 18:46	47401 PENS_T1	0	0	0	0	0	0	0.54	0.55	0	0	0	0	0	0
11/23/2023 18:46	57401 SPAN_T1	2	2

11/23/2023 18:50	47001 HUGH_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/23/2023 18:50	43304 WATS_T2	0	1	1	0	0	0	-0.42	-0.44	0	0	0	0	0	0
11/23/2023 18:50	60201 ATGL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/23/2023 18:50	54202 PENN_T2	0	0	0	0	0	0	0.49	0.49	0	0	0	0	0	0
11/23/2023 18:50	43302 WATS_T2	4	2	-2	0.65	0.2	-0.45	0	0	0	0	0	0	0	0
11/23/2023 18:50	44601 SALE_T2	0	0	0	0	0	0	-0.17	-0.15	0	0	0	0	0	0
11/23/2023 18:50	64101 REFR_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/23/2023 18:50	12701 MACU_T1	0	0	0	0	0	0	0.05	0.07	0	0	0	0	0	0
11/23/2023 18:50	57404 SPAN_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/23/2023 18:50	46203 DANV_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/23/2023 18:50	56501 ROCK_T2	6	7	1	0.33	0.18	-0.15	-1.06	-1.04	0	0	0	0	0	0
11/23/2023 18:51	43301 WATS_T2	0	1	1	0	0	0	0	0	0	0	0	0	0	0
11/23/2023 18:51	56803 BENV_T1	0	3	3	0	0.13	0.13	0	0	0	0	0	0	0	0
11/23/2023 18:51	55002 NEWP_T1	6	6	0	1	1.02	0.02	-0.28	-0.27	0	0	0	0	0	0
11/23/2023 18:51	47403 PENS_T1	1	1	0	2.2	2.3	0.1	0	0	0	0	0	0	0	0
11/23/2023 18:51	52502 PROG_T2	0	0	0	0	0	0	0.26	0.21	0	0	0	0	0	0
11/23/2023 18:51	54505 ENOL_T2	1	1	0	0.5	0.6	0.1	0	0	0	0	0	0	0	0
11/23/2023 18:51	45702 LIND_T2	1	0	-1	0.3	0	-0.3	-0.55	-0.56	0	0	0	0	0	0
11/23/2023 18:51	42801 SELI_T1	1	1	0	0	0	0	0	0	0	0	0	0	0	0
11/23/2023 18:51	62604 ENGL_T1	0	0	0	0	0	0	-0.51	-0.52	1	1	0	600	600	0
11/23/2023 18:51	42701 AUGU_T1	0	1	1	0	0.2	0.2	0	0	2	2	0	1800	1800	0
11/23/2023 18:51	42601 TUSC_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/23/2023 18:51	60801 BUCK_T1	0	0	0	0	0	0	-0.19	-0.21	0	0	0	0	0	0
11/23/2023 18:51	17802 GILB_T1	0	0	0	0	0	0	0.06	0.07	0	0	0	0	0	0
11/23/2023 18:51	56501 ROCK_T2	6	7	1	0.33	0.18	-0.15	-1.06	-1.04	0	0	0	0	0	0
11/23/2023 18:51	10801 CHHI_T1	0	0	0	0	0	0	-0.91	-0.96	1	1	0	900	900	0
11/23/2023 18:51	54601 SUMM_T2	11	12	1	0.42	0.54	0.12	-1.99	-2.02	2	2	0	2100	2100	0
11/23/2023 18:51	12401 MILF_T1	0	0	0	0	0	0	-0.35	-0.33	0	0	0	0	0	0
11/23/2023 18:51	58003 WCAR_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/23/2023 18:51	67502 WEWI_T2	0	0	0	0	0	0	-0.55	-0.55	0	0	0	0	0	0
11/23/2023 18:51	45501 DERR_T2	0	0	0	0	0	0	0.22	0.21	1	1	0	600	600	0
11/23/2023 18:51	56802 BENV_T2	255	304	49	0.4	0.49	0.09	-1.51	-1.52	0	0	0	0	0	0
11/23/2023 18:52	43202 MVIL_T2	0	0	0	0	0	0	-0.74	-0.72	0	0	0	0	0	0
11/23/2023 18:52	67503 WEWI_T2	0	0	0	0	0	0	-0.42	-0.39	0	0	0	0	0	0
11/23/2023 18:52	52401 GRPA_T2	0	0	0	0	0	0	-0.48	-0.48	0	0	0	0	0	0
11/23/2023 18:52	46001 BERW_T1	0	0	0	0	0	0	0.59	0.56	0	0	0	0	0	0
11/23/2023 18:52	45003 LIME_2	1	1	0	3	3.2	0.2	0	0	1	1	0	1200	1200	0
11/23/2023 18:52	43202 MVIL_T2	0	0	0	0	0	0	-0.74	-0.72	0	0	0	0	0	0
11/23/2023 18:52	53102 WTWN_T1	0	0	0	0	0	0	-0.58	-0.6	0	0	0	0	0	0
11/23/2023 18:52	56802 BENV_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/23/2023 18:52	57403 SPAN_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/23/2023 18:52	67303 WYOM_T2	0	0	0	0	0	0	-0.3	-0.28	0	0	0	0	0	0
11/23/2023 18:52	67502 WEWI_T2	0	0	0	0	0	0	-0.55	-0.55	0	0	0	0	0	0
11/23/2023 18:52	60803 BUCK_T1	0	0	0	0	0	0	-0.96	-1.01	1	1	0	600	600	0
11/23/2023 18:52	59201 THOM_T1	35	39	4	0.5	0.5	0	0	0	0	0	0	0	0	0
11/23/2023 18:52	16302 ALPA_T2	0	0	0	0	0	0	0.49	0.51	0	0	0	0	0	0
11/23/2023 18:52	46203 DANV_T2	0	0	0	0	0	0	-0.16	-0.16	0	0	0	0	0	0
11/23/2023 18:52	42701 AUGU_T1	0	1	1	0	0.2	0.2	0	0	2	2	0	1800	1800	0
11/23/2023 18:52	40103 HUNT_T2	1	0	-1	0.2	0	-0.2	-0.73	-0.75	0	0	0	0	0	0
11/23/2023 18:52	48902 FOSP_T2	0	0	0	0	0	0	-0.31	-0.36	0	0	0	0	0	0
11/23/2023 18:52	53903 HALI_T2	2	2	0	0.45	0.45	0	-0.15	-0.15	0	0	0	0	0	0
11/23/2023 18:52	54202 PENN_T2	0	0	0	0	0	0	0.49	0.49	0	0	0	0	0	0
11/23/2023 18:52	61303 EARL_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/23/2023 18:52	10801 CHHI_T1	0	0	0	0	0	0	-0.91	-0.96	1	1	0	900	900	0
11/23/2023 18:53	53502 EVIL_T2	0	0	0	0	0	0	0.45	0.49	0	0	0	0	0	0
11/23/2023 18:53	55002 NEWP_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/23/2023 18:53	46001 BERW_T1	0	0	0	0	0	0	0.59	0.56	0	0	0	0	0	0
11/23/2023 18:53	63404 HONY_T1	30	39	9	0.82	0.67	-0.15	0	0	0	0	0	0	0	0
11/23/2023 18:53	56504 ROCK_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/23/2023 18:53	46004 BERW_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/23/2023 18:53	54206 PENN_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/23/2023 18:53	46801 HEPB_T2	2	2	0	0.2	0.2	0	0.53	0.53	0	0	0	0	0	0
11/23/2023 18:53	40603 PIGR_T1	0	0	0	0	0	0	0.38	0.32	0	0	0	0	0	0
11/23/2023 18:53	43001 ALWD_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/23/2023 18:53	64101 REFR_T1	0	0	0	0	0	0	-0.01	-0.01	0	0	0	0	0	0
11/23/2023 18:53	67502 WEWI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/23/2023 18:53	66702 STRA_T1	0	0	0	0	0	0	0.13	0.11	0	0	0	0	0	0
11/23/2023 18:53	56802 BENV_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/23/2023 18:53	46203 DANV_T2	0	0	0	0	0	0	-0.16	-0.16	0	0	0	0	0	0
11/23/2023 18:54	67503 WEWI_T2	0	0	0	0	0	0	-0.42	-0.39	0	0	0	0	0	0
11/23/2023 18:54	45001 LIME_2	1	0	-1	0.1	0	-0.1	0	0	0	0	0	0	0	0
11/23/2023 18:54	43302 WATS_T2	4	2	-2	0.65	0.2	-0.45	0	0	0	0	0	0	0	0
11/23/2023 18:54	40902 JESH_T1	0	0	0	0	0	0	-0.85	-0.81	0	0	0	0	0	0
11/23/2023 18:54	43301 WATS_T2	0	1	1	0	0	0	-0.66	-0.63	1	1	0	900	900	0
11/23/2023 18:54	58402 MORO_T1	1	2	1	0.1	0	-0.1	-0.42	-0.41	1	1	0	600	600	0
11/23/2023 18:54	57403 SPAN_T1	0	5	5	0	0.14	0.14	0	0	0	0	0	0	0	0
11/23/2023 18:54	58401 MORO_T1	0	0	0	0	0	0	-1.03	-1.06	1	1	0	600	600	0
11/23/2023 18:54	55002 NEWP_T1	6	6	0	1	1.02	0.02	-0.28	-0.27	0	0	0	0	0	0
11/23/2023 18:54	52502 PROG_T2	0	0	0	0	0	0	0.26	0.21	0	0	0	0	0	0
11/23/2023 18:54	40101 HUNT_T2	1	0	-1	0.2	0	-0.2	-0.73	-0.75	0	0	0	0	0	0
11/23/2023 18:54	67503 WEWI_T2	0	0	0	0	0	0	-0.42	-0.39	0	0	0	0	0	0
11/23/2023 18:54	53102 WTWN_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/23/2023 18:54	54505 ENOL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/23/2023 18:55	56802 BENV_T2	255	304	49	0.4	0.49	0.09	-1.51	-1.52	0	0	0	0	0	0
11/23/2023 18:55	47403 PENS_T1	1	1	0	2.2	2.3	0.1	0	0	0	0	0	0	0	0
11/23/2023 18:55	63401 HONY_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/23/2023 18:55	43304 WATS_T2	0	1	1	0	0	0	-0.42	-0.44	0	0	0	0	0	0
11/23/2023 18:55	43402 BENT_T1	0	0	0	0	0	0	-0.96	-0.96	1	1	0	900	900	0
11/23/2023 18:55	46203 DANV_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/23/2023 18:55	54505 ENOL_T2	1	1	0	0.5	0.6	0.1	0	0	0	0	0	0	0	0
11/23/2023 18:55	55001 NEWP_T1	0	0	0	0	0	0	-0.17	-0.19	0	0	0	0	0	0
11/23/2023 18:55	42701 AUGU_T1	0	1	1	0	0.2	0.2	0	0	2	2	0	1800	1800	0
11/23/2023 18:55	67605 WARW_T1	0	2	2	0	0.1	0.1	-1.14	-1.15	0	0	0	0	0	0
11/23/2023 18:56	57403 SPAN_T1	0	5	5	0	0.14	0.14	0.08	0.04	0	0	0	0	0	0
11/23/2023 18:56	59101 WALK_T2	2	2	0	0.1	0.1	0	-1.73	-1.73	0	0	0	0	0	0
11/23/2023 18:56	50201 HARR_T3	2	2	0	4.4	4.55	0.15	0.35	0.33	0	0	0	0	0	0
11/23/2023 18:56	47401 PENS_T1	0	0	0	0	0	0	0.55	0.57	0	0	0	0	0	0
11/23/2023 18:56	64802 MONE_T2	0	0	0	0	0	0	0.21	0.18	0	0	0	0	0	0
11/23/2023 18:56	43304 WATS_T2	0	1	1	0	0	0	-0.88	-0.84	0	0	0	0	0	0
11/23/2023 18:56	40201 BEGA_T2	0	1	1	0	0.2	0.2	0	0	0	0	0	0	0	0
11/23/2023 18:56	57403 SPAN_T1	0	5	5	0	0.14	0.14	0.08	0.04	0	0	0	0	0	0
11/23/2023 18:56	64101 REFR_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/23/2023 18:56	67503 WEWI_T2	0	0	0	0	0	0	-0.39	-0.4	0	0	0	0	0	0
11/23/2023 18:56	56802 BENV_T2	255	304	49	0.4	0.49	0.09	-1.52	-1.52	0	0	0	0	0	0
11/23/2023 18:56	42802 SELI_T1	0	0	0	0	0	0	-1.28	-1.26	0	0	0	0	0	0
11/23/2023 18:56	57404 SPAN_T2	0	0	0	0	0	0	-0.3	-0.29	1	1	0	1200	1200	0
11/23/2023 18:56	42002 MNVL_T2	1	1	0	7.9	7.6	-0.3	0.18	0.27	0	0	0	0	0	0
11/23/2023 18:56	45902 AUBU_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/23/2023 18:56	20403 ASHF_T2	0	0	0	0	0	0	0.21	0.23	0	0	0	0	0	0
11/23/2023 18:56	58003 WCAR_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/23/2023 18:56	52501 PROG_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/23/2023 18:56	43202 MVIL_T2	0	0	0	0	0	0	-0.72	-0.72	0	0	0	0	0	0
11/23/2023 18:56	45501 DERR_T2	0	0	0	0	0	0	0.21	0.27	1	1	0	600	600	0
11/23/2023 18:56	12701 MACU_T1	0	0	0	0	0	0	0.07	0.05	0	0	0	0	0	0
11/23/2023 18:56	61801 EELI_T2	0	0	0	0	0	0	-0.64	-0.66	0	0	0	0	0	0
11/23/2023 18:56	55002 NEWP_T1	6	6	0	1	1.02	0.02	-0.27	-0.28	0	0	0	0	0	0
11/23/2023 18:57	56802 BENV_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/23/2023 18:57	45002 LIME_2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/23/2023 18:57	65401 MARI_T1	0	0	0	0	0	0	0.25	0.23	0	0	0	0	0	0
11/23/2023 18:57	52403 GRPA_T2	0	1	1	0	0	0	-0.01	-0.03	0	0	0	0	0	0
11/23/2023 18:57	42102 FRAI_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/23/2023 18:57	67401 WAKE_T2	0	0	0	0	0	0	-1.13	-0.92	0	0	0	0	0	0
11/23/2023 18:57	63802 HEMP_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/23/2023 18:57	56501 ROCK_T2	6	7	1	0.33	0.18	-0.15	0	0	0	0	0	0	0	0
11/23/2023 18:57	45402 WBLO_T2	16	18	2	0.14	0.14	0	0	0	0	0	0	0	0	0
11/23/2023 18:57	62604 ENGL_T1	0	0	0	0	0	0	-1.04	-1.04	2	2	0	1200	1200	0
11/23/2023 18:57	64101 REFR_T1	0	0	0	0	0	0	-0.01	0.05	0	0	0	0	0	0
11/23/2023 18:57	57403 SPAN_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/23/2023 18:58	40902 JESH_T1	0	0	0	0	0	0	-0.81	-0.77	0	0	0	0	0	0
11/23/2023 18:58	43301 WATS_T2	0	1	1	0	0	0	0	0	0	0	0	0	0	0
11/23/2023 18:58	45002 LIME_2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/23/2023 18:58	46801 HEPB_T2	2	2	0	0.2	0.2	0	0.53	0.51	0	0	0	0	0	0
11/23/2023 18:58	43301 WATS_T2	0	1	1	0	0	0	0	0	0	0	0	0	0	0
11/23/2023 18:58	58402 MORO_T1	1	2	1	0.1	0	-0.1	-0.41	-0.45	1	1	0	600	600	0
11/23/2023 18:58	59102 WALK_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/23/2023 18:58	45303 WBER_T2	8	8	0	0.86	0.85	-0.01	-0.38	-0.37	0	0	0	0	0	0
11/23/2023 18:58	42802 SELI_T1	0	0	0	0	0	0	-1.28	-1.26	0	0	0	0	0	0
11/23/2023 18:58	56802 BENV_T2	255	304	49	0.4	0.49	0.09	-3.04	-3.04	0	0	0	0	0	0
11/23/2023 18:58	40103 HUNT_T2	1	0	-1	0.2	0	-0.2	-0.75	-0.7	0	0	0	0	0	0
11/23/2023 18:58	61801 EELI_T2	0	0	0	0	0	0	-0.32	-0.33	0	0	0	0	0	0
11/23/2023 18:58	54701 NEBL_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/23/2023 18:58	14403 SSLA_T1	0	0	0	0	0	0	0.7	0.71	0	0	0	0	0	0
11/23/2023 18:59	43301 WATS_T2	0	1	1	0	0	0	-0.63	0.32	1	1	0	900	900	0
11/23/2023 18:59	65401 MARI_T1	0	0	0	0	0	0	0.25	0.23	0	0	0	0	0	0
11/23/2023 18:59	43304 WATS_T2	0	1	1	0	0	0	-0.44	-0.42	0	0	0	0	0	0
11/23/2023 18:59	52402 GRPA_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/23/2023 18:59	49804 UNIV_T1	0	1	1	0	0	0	0	0	0	0	0	0	0	0
11/23/2023 18:59	53302 GRAT_T2	62	66	4	0.48	0.57	0.09	0	0	0	0	0	0	0	0
11/23/2023 18:59	54701 NEBL_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/23/2023 18:59	54202 PENN_T2	0	0	0	0	0	0	0.49	0.45	0	0	0	0	0	0
11/23/2023 18:59	40201 BEGA_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/23/2023 18:59	66703 STRA_T1	6	6	0	0.38	0.3	-0.08	-0.39	-0.36	0	0	0	0	0	0
11/23/2023 18:59	41902 REED_T1	0	1	1	0	0	0	0.78	0.84	0	0	0	0	0	0
11/23/2023 18:59	40602 PIGR_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/23/2023 19:00	46203 DANV_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/23/2023 19:00	52402 GRPA_T2	4	5	1	1.13	1.14	0.01	0	0	0	0	0	0	0	0
11/23/2023 19:00	12701 MACU_T1	0	0	0	0	0	0	0.07	0.05	0	0	0	0	0	0
11/23/2023 19:01	54601 SUMM_T2	12	12	0	0.43	0.56	0.13	-2.02	-2.01	2	2	0	2100	2100	0
11/23/2023 19:01	56803 BENV_T2	301	272	-29	0.49	0.44	-0.05	-1.52	-1.52	0	0	0	0	0	0
11/23/2023 19:01	53903 HALI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/23/2023 19:01	55105 WERT_T1	0	0	0	0	0	0	-0.7	-0.72	1	1	0	900	900	0
11/23/2023 19:01	59101 WALK_T2	1	2	1	0	0.1	0.1	-0.58	-0.58	0	0	0	0	0	0
11/23/2023 19:01	54505 ENOL_T2	1	1	0	0.5	0.6	0.1	0	0	0	0	0	0	0	0
11/23/2023 19:01	45003 LIME_2	1	1	0	3.2	3	-0.2	0	0	1	1	0	1200	1200	0
11/23/2023 19:01	54701 NEBL_T1	3	4	1	0.33	0.28	-0.05	0	0	1	1	0	600	600	0
11/23/2023 19:01	58401 MORO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/23/2023 19:02	57403 SPAN_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/23/2023 19:02	66302 MCGO_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/23/2023 19:02	58401 MORO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/23/2023 19:03	52402 GRPA_T2	4	5	1	1.13	1.14	0.01	0	0	0	0	0	0	0	0
11/23/2023 19:03	58402 MORO_T1	2	1	-1	0.25	0	-0.25	-0.41	-0.45	1	1	0	600	600	0
11/23/2023 19:04	54206 PENN_T2	0	0	0	0	0	0	-0.07	-0.03	0	0	0	0	0	0
11/23/2023 19:04	51201 MTON_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/23/2023 19:07	61102 BERK_T5	0	0	0	0	0	0	0.68	0.66	1	1	0	300	300	0
11/23/2023 19:17	65001 NEFF_T2	0	0	0	0	0	0	-0.08	-0.08	0	0	0	0	0	0
11/23/2023 19:21	64204 KINZ_T1	1	1	0	0.7	0.7	0	0	0	0	0	0	0	0	0
11/23/2023 19:22	52402 GRPA_T2	5	5	0	1.04	1.06	0.02	0	0	0	0	0	0	0	0
11/23/2023 19:24	43402 BENT_T1	0	0	0	0	0	0	-0.95	-0.95	1	1	0	900	900	0
11/23/2023 19:28	62604 ENGL_T1	0	0	0	0	0	0	-0.54	-0.54	1	1	0	600	600	0
11/23/2023 19:29	64203 KINZ_T1	0	0	0	0	0	0	-0.18	-0.12	0	0	0	0	0	0
11/23/2023 19:29	43402 BENT_T1	0	0	0	0	0	0	-0.95	-0.94	1	1	0	900	900	0
11/23/2023 20:00	52004 LING_T2	0	0	0	0	0	0	0	0	0

11/24/2023 0:28	60501 NMAN_T2	3	3	0	4.43	4.77	0.34	0	0	0	0	0	0	0
11/24/2023 0:28	45902 AUBU_T1	3	0	-3	0.1	0	-0.1	-0.74	-0.76	0	0	0	0	0
11/24/2023 0:28	17804 GILB_T2	0	0	0	0	0	0	-0.59	-0.59	0	0	0	0	0
11/24/2023 0:28	56801 BENV_T1	8	22	14	0.45	0.51	0.06	-0.85	-0.85	1	1	0	600	600
11/24/2023 0:28	43301 WATS_T2	0	1	1	0	0.1	0.1	-2.16	-2.15	3	3	0	2700	2700
11/24/2023 0:28	54504 ENOL_T2	0	0	0	0	0	0	-1.05	-1.06	1	1	0	600	600
11/24/2023 0:28	58302 NOTT_T1	0	0	0	0	0	0	0.16	0.15	0	0	0	0	0
11/24/2023 0:28	47403 PENS_T1	1	1	0	2.7	2.8	0.1	0	0	0	0	0	0	0
11/24/2023 0:28	56802 BENV_T2	1	1	0	0.2	0.2	0	-3.12	-3.14	0	0	0	0	0
11/24/2023 0:28	63804 HEMP_T1	1	1	0	5.2	5.2	0	0.66	0.68	0	0	0	0	0
11/24/2023 0:28	44601 SALE_T2	0	0	0	0	0	0	-0.23	-0.25	0	0	0	0	0
11/24/2023 0:28	58401 MORO_T1	0	0	0	0	0	0	-3.41	-3.31	3	3	0	1800	1800
11/24/2023 0:28	54601 SUMM_T2	3	3	0	0.37	0.4	0.03	-2.03	-2.03	2	2	0	2100	2100
11/24/2023 0:28	60201 ATGL_T2	0	0	0	0	0	0	-0.03	-0.03	0	0	0	0	0
11/24/2023 0:28	47101 MARL_T1	0	0	0	0	0	0	-0.36	-0.34	0	0	0	0	0
11/24/2023 0:28	12701 MACU_T1	0	0	0	0	0	0	0.05	0.06	0	0	0	0	0
11/24/2023 0:28	45501 DERR_T2	0	0	0	0	0	0	0.1	0.08	1	1	0	600	600
11/24/2023 0:28	64101 REFR_T1	0	0	0	0	0	0	0.14	0.05	0	0	0	0	0
11/24/2023 0:28	14403 SSLA_T1	0	0	0	0	0	0	0.56	0.56	0	0	0	0	0
11/24/2023 0:28	45003 LIME_2	1	1	0	3.4	3.6	0.2	0	0	0	0	0	0	0
11/24/2023 0:28	45002 LIME_2	0	0	0	0	0	0	0	0	0	0	0	0	0
11/24/2023 0:28	41801 GOCI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
11/24/2023 0:28	43402 BENT_T1	0	0	0	0	0	0	-0.99	-0.97	1	1	0	900	900
11/24/2023 0:29	64204 KINZ_T1	1	1	0	0.6	0.9	0.3	0	0	0	0	0	0	0
11/24/2023 1:01	64204 KINZ_T1	1	1	0	1	0.9	-0.1	0	0	0	0	0	0	0
11/24/2023 1:17	56504 ROCK_T2	0	1	1	0	0.4	0.4	0	0	0	0	0	0	0
11/24/2023 7:53	45501 DERR_T2	0	0	0	0	0	0	0.62	0.64	1	1	0	600	600
11/24/2023 8:00	40101 HUNT_T2	0	0	0	0	0	0	-0.69	-0.67	0	0	0	0	0
11/24/2023 8:01	40101 HUNT_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
11/24/2023 8:08	43402 BENT_T1	0	0	0	0	0	0	-1.51	-0.87	1	1	0	900	900
11/24/2023 8:08	29402 BELT_T1	1	22	21	8.3	0.59	-7.71	0	0	0	0	0	0	0
11/24/2023 8:10	43402 BENT_T1	0	0	0	0	0	0	-1.51	-0.87	1	1	0	900	900
11/24/2023 8:11	45501 DERR_T2	0	0	0	0	0	0	0.62	0.6	1	1	0	600	600
11/24/2023 8:12	46803 HEPB_T2	3	2	-1	0.17	0.15	-0.02	0	0	0	0	0	0	0
11/24/2023 8:16	46801 HEPB_T2	3	3	0	0.53	0.57	0.04	0.6	0.61	0	0	0	0	0
11/24/2023 8:17	13302 ORVI_T2	97	617	520	0.22	0.28	0.06	0.69	0.74	0	0	0	0	0
11/24/2023 8:19	54701 NEBL_T1	0	0	0	0	0	0	0	0	1	1	0	600	600
11/24/2023 8:21	54701 NEBL_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
11/24/2023 8:26	43001 ALWD_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
11/24/2023 8:31	54701 NEBL_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
11/24/2023 8:33	13302 ORVI_T2	521	607	86	0.27	0.28	0.01	0.74	0.72	0	0	0	0	0
11/24/2023 8:33	55001 NEWP_T1	1	0	-1	0.1	0	-0.1	0	0	0	0	0	0	0
11/24/2023 8:52	29402 BELT_T1	10	17	7	1.08	0.68	-0.4	0	0	0	0	0	0	0
11/24/2023 8:56	29401 BELT_T1	106	137	31	0.39	0.4	0.01	0	0	1	1	0	900	900
11/24/2023 9:00	57401 SPAN_T1	2	2	0	0.2	0.15	-0.05	0	0	0	0	0	0	0
11/24/2023 9:00	29402 BELT_T1	16	24	8	0.7	0.62	-0.08	0	0	0	0	0	0	0
11/24/2023 9:00	47101 MARL_T1	0	0	0	0	0	0	-0.22	-0.23	0	0	0	0	0
11/24/2023 9:00	67503 WEWI_T2	0	0	0	0	0	0	-0.3	-0.07	0	0	0	0	0
11/24/2023 9:00	52503 PROG_T2	0	0	0	0	0	0	-0.7	-0.76	1	1	0	900	900
11/24/2023 9:00	59101 WALK_T2	1	1	0	0	0	0	-0.42	-0.46	0	0	0	0	0
11/24/2023 9:00	45802 HEGI_T2	0	0	0	0	0	0	0.69	0.88	0	0	0	0	0
11/24/2023 9:00	46004 BERW_T2	0	0	0	0	0	0	-0.73	-0.71	0	0	0	0	0
11/24/2023 9:01	65401 MARI_T1	0	0	0	0	0	0	0.27	0.3	0	0	0	0	0
11/24/2023 9:06	57001 WHIH_T2	0	0	0	0	0	0	-0.44	-0.44	1	1	0	900	900
11/24/2023 9:06	14601 SWHI_T1	0	0	0	0	0	0	-0.37	-0.35	0	0	0	0	0
11/24/2023 9:07	10801 CHHI_T1	0	0	0	0	0	0	-1.59	-1.58	2	2	0	1500	1500
11/24/2023 9:07	14601 SWHI_T1	0	0	0	0	0	0	-0.37	-0.35	0	0	0	0	0
11/24/2023 9:07	57403 SPAN_T1	0	0	0	0	0	0	0.11	0.11	0	0	0	0	0
11/24/2023 9:08	57403 SPAN_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
11/24/2023 9:08	43001 ALWD_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
11/24/2023 9:09	58402 MORO_T1	0	0	0	0	0	0	-2.03	-2.04	3	3	0	2400	2400
11/24/2023 9:09	43304 WATS_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
11/24/2023 9:11	45501 DERR_T2	0	0	0	0	0	0	0.62	0.62	1	1	0	600	600
11/24/2023 9:11	29401 BELT_T1	122	143	21	0.4	0.43	0.03	0	0	0	0	0	0	0
11/24/2023 9:12	45501 DERR_T2	0	0	0	0	0	0	0.62	0.62	1	1	0	600	600
11/24/2023 9:15	55002 NEWP_T1	4	5	1	0.6	0.6	0	-0.21	-0.24	0	0	0	0	0
11/24/2023 9:15	46801 HEPB_T2	3	3	0	0.5	0.57	0.07	0.64	0.61	0	0	0	0	0
11/24/2023 9:16	14403 SSLA_T1	0	0	0	0	0	0	0.77	0.73	0	0	0	0	0
11/24/2023 9:17	13302 ORVI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
11/24/2023 9:19	14403 SSLA_T1	0	0	0	0	0	0	0.77	0.73	0	0	0	0	0
11/24/2023 9:19	54701 NEBL_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
11/24/2023 9:19	13302 ORVI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
11/24/2023 9:20	13901 SEID_T1	0	0	0	0	0	0	0.21	0.19	0	0	0	0	0
11/24/2023 9:21	29401 BELT_T1	123	142	19	0.36	0.45	0.09	0	0	0	0	0	0	0
11/24/2023 9:24	43304 WATS_T2	0	0	0	0	0	0	-0.66	-0.68	0	0	0	0	0
11/24/2023 9:25	13302 ORVI_T2	558	665	107	0.26	0.29	0.03	0.73	0.76	0	0	0	0	0
11/24/2023 9:26	47001 HUGH_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
11/24/2023 9:28	47001 HUGH_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
11/24/2023 9:29	64202 KINZ_T1	0	1	1	0	0.1	0.1	0	0	0	0	0	0	0
11/24/2023 9:29	43402 BENT_T1	0	0	0	0	0	0	-0.86	-0.86	1	1	0	900	900
11/24/2023 9:36	45901 AUBU_T1	55	76	21	0.21	0.21	0	0	0	0	0	0	0	0
11/24/2023 9:37	45902 AUBU_T1	235	281	46	0.25	0.26	0.01	-0.69	-0.7	0	0	0	0	0
11/24/2023 9:37	46203 DANV_T2	0	2	2	0	0.35	0.35	-0.06	-0.05	0	0	0	0	0
11/24/2023 9:38	56802 BENV_T2	12	63	51	0.28	0.21	-0.07	-1.45	-1.44	0	0	0	0	0
11/24/2023 9:38	42201 SHEN_T2	0	0	0	0	0	0	0.62	0.6	0	0	0	0	0
11/24/2023 9:38	49803 UNIV_T1	0	0	0	0	0	0	-1.22	-1.21	0	0	0	0	0
11/24/2023 9:38	45902 AUBU_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
11/24/2023 9:40	56802 BENV_T2	12	63	51	0.28	0.21	-0.07	-2.9	-2.88	0	0	0	0	0
11/24/2023 9:41	59102 WALK_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
11/24/2023 9:42	46203 DANV_T2	0	2	2	0	0.35	0.35	0	0	0	0	0	0	0
11/24/2023 9:43	46203 DANV_T2	0	2	2	0	0.35	0.35	0	0	0	0	0	0	0
11/24/2023 9:44	17802 GILB_T1	0	3	3	0	0.37	0.37	-0.44	-0.38	0	0	0	0	0
11/24/2023 9:45	43201 MVIL_T2	0	0	0	0	0	0	-0.38	-0.38	0	0	0	0	0
11/24/2023 9:46	59302 MCAL_T1	1	2	1	0.1	0.1	0	-0.2	-0.2	1	1	0	600	600
11/24/2023 9:47	41901 REED_T1	9	11	2	0.38	0.47	0.09	0	0	0	0	0	0	0
11/24/2023 9:48	25402 LAHA_T2	0	0	0	0	0	0	-0.73	-0.72	0	0	0	0	0
11/24/2023 9:49	41901 REED_T1	9	11	2	0.38	0.47	0.09	0	0	0	0	0	0	0
11/24/2023 9:51	43001 ALWD_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
11/24/2023 9:52	66504 SMAN_T2	0	1	1	0	0.3	0.3	-0.63	-0.59	0	0	0	0	0
11/24/2023 9:54	46004 BERW_T2	0	1	1	0	0	0	0	0	0	0	0	0	0
11/24/2023 9:55	41801 GOCI_T2	0	1	1	0	0.1	0.1	0	0	0	0	0	0	0
11/24/2023 9:55	45902 AUBU_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
11/24/2023 9:58	45802 HEGI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
11/24/2023 10:00	17802 GILB_T1	0	2	2	0	1.1	1.1	-0.19	-0.2	0	0	0	0	0
11/24/2023 10:00	61404 HONY_T1	43	23	-20	0.56	0.87	0.31	0	0	0	0	0	0	0
11/24/2023 10:00	41801 GOCI_T2	0	1	1	0	0.1	0.1	0	0	0	0	0	0	0
11/24/2023 10:02	52403 GRPA_T2	4	4	0	0.83	0.1	-0.73	0.06	0.05	0	0	0	0	0
11/24/2023 10:02	13302 ORVI_T2	584	624	40	0.32	0.33	0.01	0.69	0.73	0	0	0	0	0
11/24/2023 10:02	40601 PIGR_T1	41	135	94	0.18	0.24	0.06	0	0	0	0	0	0	0
11/24/2023 10:04	64101 REFR_T1	0	0	0	0	0	0	0.08	0.12	0	0	0	0	0
11/24/2023 10:05	64101 REFR_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
11/24/2023 10:05	67503 WEWI_T2	0	0	0	0	0	0	-0.33	-0.31	0	0	0	0	0
11/24/2023 10:06	64101 REFR_T1	0	0	0	0	0	0	0.24	0.36	0	0	0	0	0
11/24/2023 10:06	42701 AUGU_T1	1	1	0	0.1	0.3	0.2	0	0	2	2	0	1800	1800
11/24/2023 10:06	56802 BENV_T2	63	53	-10	0.2	0.2	0	-1.4	-1.45	0	0	0	0	0
11/24/2023 10:07	64101 REFR_T1	0	0	0	0	0	0	0.16	0.24	0	0	0	0	0
11/24/2023 10:07	59201 THOM_T1	15	13	-2	0.35	0.41	0.06	0	0	0	0	0	0	0
11/24/2023 10:07	20401 ASHF_T2	0	1	1	0	0	0	0	0	0	0	0	0	0
11/24/2023 10:08	29402 BELT_T1	22	4	-18	0.64	2.73	2.09	0	0	0	0	0	0	0
11/24/2023 10:09	56802 BENV_T2	63	53	-10	0.2	0.2	0	-2.8	-2.9	0	0	0	0	0
11/24/2023 10:09	20401 ASHF_T2	0	1	1	0	0	0	0	0	0	0	0	0	0
11/24/2023 10:10	42701 AUGU_T1	1	1	0	0.1	0.3	0.2	0	0	2	2	0	1800	1800
11/24/2023 10:11	64101 REFR_T1	0	0	0	0	0	0	0.12	0.11	0	0	0	0	0
11/24/2023 10:11	46203 DANV_T2	1	0	-1	0.2	0	-0.2	-0.1	-0.09	0	0	0	0	0
11/24/2023 10:13	17804 GILB_T2	0	1	1	0	0.6	0.6	-0.54	-0.56	0	0	0	0	0
11/24/2023 10:13	26401 INOR_T1	0	1	1	0	0.2	0.2	0	0	0	0	0	0	0
11/24/2023 10:14	53302 GRAT_T2	113	117	4	0.68	0.71	0.03	0	0	0	0	0	0	0
11/24/2023 10:17	52403 GRPA_T2	1	8	7	0.2	0.48	0.28	0.05	0.05	0	0	0	0	0
11/24/2023 10:17	65001 NEFF_T2	0	8	8	0	0.1	0.1	-1.2	-1.22	1	1	0	1200	1200
11/24/2023 10:19	56501 ROCK_T2	1	5	4	0.2	0.2	0	-0.95	-0.97	0	0	0	0	0
11/24/2023 10:19	57401 SPAN_T1	2	2	0	0.25	0.45	0.2	-3.41	-3.28	3	3	0	1800	1800
11/24/2023 10:20	55101 WERT_T1	0	0	0	0	0	0	-1.24	-1.13	2	2	0	1500	1500
11/24/2023 10:20	42802 SELI_T1	0	0	0	0	0	0	-2.14	-2.16	1	1	0	900	900
11/24/2023 10:20	57401 SPAN_T1	2	2	0	0.25	0.45	0.2	-1.14	-1.09	1	1	0	600	600
11/24/2023 10:22	42802 SELI_T1	0	0	0	0	0	0	-6.42	-6.48	3	3	0	2700	2700
11/24/2023 10:22	64101 REFR_T1	0	0	0	0	0	0	0.12	0.11	0	0	0	0	0
11/24/2023 10:23	59102 WALK_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
11/24/2023 10:24	55101 WERT_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
11/24/2023 10:25	44301 BEAV_T2	0	1	1	0	0.2	0.2	-0.66	-0.66	1	1	0	600	600
11/24/2023 10:26	10801 CHHI_T1	0	0	0	0	0	0	-0.97	-0.99	1	1	0	900	900
11/24/2023 10:27	45902 AUBU_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
11/24/2023 10:27	17803 GILB_T2	0	27	27	0	0.28	0.28	0	0	0	0	0	0	0
11/24/2023 10:27	28403 HART_T2	0	0	0	0	0	0	-1.02	-1.05	1	1	0	900	900
11/24/2023 10:29	64204 KINZ_T1	1	1	0	1	1.5	0.5	0	0	0	0	0	0	0
11/24/2023 10:30	45001 LIME_2	1	5	4	0.2	0.14	-0.06	0	0	0	0	0	0	0
11/24/2023 10:31	41901 REED_T1	10	11	1	0.43	0.44	0.01	0	0	0	0	0	0	0
11/24/2023 10:31	55002 NEWP_T1	4	4	0	0.63	0.95	0.32	-0.21	-0.19	0	0	0	0	0
11/24/2023 10:32	56501 ROCK_T2	2	4	2	0.15	0.2	0.05	-0.97	-0.96	0	0	0	0	0
11/24/2023 10:32	64802 MONE_T2	1	4	3	0.1	0.2	0.1	0.13	0.13	0	0	0	0	0
11/24/2023 10:33	55002 NEWP_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
11/24/2023 10:34	59101 WALK_T2	1	1	0	0	0	0	-0.39	-0.4	0	0	0	0	0
11/24/2023 10:34	55002 NEWP_T1	4	4	0	0.63	0.95	0.32	-0.21	-0.19	0	0	0	0	0
11/24/2023 10:34	67002 STHI_T2	38	82	44	0.17	0.18	0.01	0	0	0	0	0	0	0
11/24/2023 10:35	55002 NEWP_T1	4	4	0	0.63	0.95	0.32	-0.21	-0.19	0	0	0	0	0
11/24/2023 10:35	67502 WEWI_T2	2	4	2	0.15	0.2	0.05	-0.31	-0.31	0	0	0	0	0
11/24/2023 10:36	67502 WEWI_T2	2	4	2	0.15	0.2	0.05	-0.31	-0.31	0	0	0	0	0
11/24/2023 10:37	60201 ATGL_T2	0	0	0	0	0	0	0.45	0.4	0	0	0	0	0
11/24/2023 10:38	67503 WEWI_T2	0	0	0	0	0	0	-0.34	-0.36	0	0	0	0	0
11/24/2023 10:39	67502 WEWI_T2	2	4	2	0.15	0.2	0.05	-0.31	-0.31	0	0	0	0	0
11/24/2023 10:39	45902 AUBU_T1	273	224	-49	0.27	0.28	0.01	-0.71	-0.71	0	0	0	0	0
11/24/2023 10:40	56801 BENV_T1	23	30	7	0.67	0.68	0.01	-1.52	-1.54	2	2	0	1200	1200
11/24/2023 10:41	46004 BERW_T2	1	2	1	1.2	0.2	-1	0	0	0	0	0	0	0
11/24/2023 10:41	16302 ALPA_T2	0	0	0	0	0	0	1.47	1.42	0	0	0	0	0
11/24/2023 10:42	45902 AUBU_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
11/24/2023 10:42	16302 ALPA_T2	0	0	0	0	0	0	0.73	0.71	0	0	0	0	0
11/24/2023 10:43	16302 ALPA_T2	0	0	0	0	0	0	0.73	0.71	0	0	0	0	0
11/24/2023 10:44	48902 FOSP_T2	0	1	1	0	0.1	0.1	-0.28	-0.22	0	0	0	0	0
11/24/2023 10:46	58401 MORO_T1	0	0	0	0	0	0	-1.98	-1.94	2	2	0	1200	1200
11/24/2023 10:47	58401 MORO_T1	0	0	0	0	0	0	-1.98	-1.94	2	2	0	1200	1200
11/24/2023 10:48	67001 STHI_T2	317	419	102	0.17	0.2	0.03	0	0	0	0	0	0	0
11/24/2023 10:48	40602 PIGR_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
11/24/2023 10:48	44904 SCOT_T1	0	0	0	0	0	0	-0.09	-0.1	0	0	0	0	0
11/24/2023 10:49	67002 STHI_T2	38	119	81	0.18	0.19	0.01	0.69	0.66	0	0	0	0	0
11/24/2023 10:49	58402 MORO_T1	0	0	0	0	0	0	-2.06	-2.03	3	3	0	2400	2400
11/24/2023 10:49	40602 PIGR_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
11/24/2023 10:50	58402 MORO_T1	0	0	0	0	0	0	-2.06	-2.03	3	3	0	2400	2400
11/24/2023 10:50	58401 MORO_T1	0	0	0	0	0	0	-1.98	-1.94	2	2	0	1200	1200
11/24/2023 10:50	57401 SPAN_T1	2	2	0	0.45	0.35	-0.1	-1.12	-1.1	1	1	0	600	600
11/24/2023 10:51	67001 STHI_T2	317	419	102	0.17	0.2	0.03	0	0	0	0	0	0	0
11/24/2023 10:51	64101 REFR_T1	0	0	0	0	0	0	0.08	0.08	0	0	0	0	0
11/24/2023 10:51	60201 ATGL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
11/24/2023 10:51	45402 WBLO_T2	17	27	10	0.17	0.2	0.03	0	0	0	0	0	0	0
11/24/2023 10:51	44901 SCOT_T2	2	68	66	0.45	0.28	-0.17	-0.15	-0.07	0	0	0	0	0
11/24/2023 10:52	49803 UNIV_T1	0	1	1	0	0.1	0.1	-1.05	-1.16	0	0	0	0	0
11/24/2023 10:52	44901 SCOT_T2	2	68	66	0.45	0.28	-0.17	-0.15	-0.07	0	0	0	0	0
11/24/2023 10:52	57401 SPAN_T1	2	2	0	0.45	0.35	-0.1	-1.12	-1.1	1	1	0	600	600
11/24/2023 10:52	55105 WERT_T1	0	0	0	0	0	0	-0.67	-0.66	1	1	0	900	900
11/24/2023 10:52	27502 WEIS_T2	0	1	1	0	0	0	-0.58

11/24/2023 11:08	15001 BLMO_T1	0	2	2	0	0.45	0.45	0	0	0	0	0	0	0	0
11/24/2023 11:11	15001 BLMO_T1	0	2	2	0	0.45	0.45	0	0	0	0	0	0	0	0
11/24/2023 11:12	64202 KINZ_T1	3	2	-1	0.4	0.25	-0.15	0	0	0	0	0	0	0	0
11/24/2023 11:12	15001 BLMO_T1	0	2	2	0	0.45	0.45	0	0	0	0	0	0	0	0
11/24/2023 11:13	61801 EELI_T2	1	2	1	0.3	0.2	-0.1	-1	-0.36	1	0	-1	600	0	-600
11/24/2023 11:14	52402 GRPA_T2	5	7	2	1.04	1.1	0.06	0	0	0	0	0	0	0	0
11/24/2023 11:14	39601 LNFD_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/24/2023 11:14	41801 GOCI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/24/2023 11:15	58401 MORO_T1	0	3	3	0	0.17	0.17	0	0	0	0	0	0	0	0
11/24/2023 11:15	52403 GRPA_T2	7	20	13	0.86	0.66	-0.2	0	0	0	0	0	0	0	0
11/24/2023 11:17	64801 MONE_T2	2	0	-2	0.25	0	-0.25	0	0	0	0	0	0	0	0
11/24/2023 11:18	59402 RFLD_T2	0	0	0	0	0	0	-0.64	-0.66	1	1	0	450	450	0
11/24/2023 11:19	42802 SELI_T1	0	1	1	0	0.9	0.9	-2.17	-2.16	1	1	0	900	900	0
11/24/2023 11:20	66903 SHIL_T2	0	1	1	0	0.2	0.2	0	0	0	0	0	0	0	0
11/24/2023 11:20	42803 SELI_T1	1	1	0	0	0	0	0	0	0	0	0	0	0	0
11/24/2023 11:20	58001 WCAR_T1	4	4	0	0.2	0.8	0.6	0	0	0	0	0	0	0	0
11/24/2023 11:21	67001 STHI_T2	401	512	111	0.2	0.23	0.03	0.08	0.09	0	0	0	0	0	0
11/24/2023 11:22	20401 ASHF_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/24/2023 11:22	42802 SELI_T1	0	1	1	0	0.9	0.9	-2.17	-2.16	1	1	0	900	900	0
11/24/2023 11:22	65902 SAKR_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/24/2023 11:23	58003 WCAR_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/24/2023 11:23	42801 SELI_T1	1	1	0	0	0	0	0	0	0	0	0	0	0	0
11/24/2023 11:25	45902 AUBU_T1	288	443	155	0.27	0.33	0.06	-0.73	-0.72	0	0	0	0	0	0
11/24/2023 11:25	61303 EARL_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/24/2023 11:26	59102 WALK_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/24/2023 11:26	66703 STRA_T1	0	0	0	0	0	0	-0.17	-0.12	0	0	0	0	0	0
11/24/2023 11:27	42802 SELI_T1	0	1	1	0	0.9	0.9	-2.16	-2.17	1	1	0	900	900	0
11/24/2023 11:29	64204 KINZ_T1	1	1	0	0.9	1.1	0.2	0	0	0	0	0	0	0	0
11/24/2023 11:29	54504 ENOL_T2	0	0	0	0	0	0	-1.01	-1.03	1	1	0	600	600	0
11/24/2023 11:33	14603 SWHI_T1	1	1	0	0.5	0.7	0.2	0	0	0	0	0	0	0	0
11/24/2023 11:33	46903 MNTG_T2	5	142	137	0.44	0.28	-0.16	0.03	-0.05	1	1	0	600	600	0
11/24/2023 11:34	47403 PENS_T1	1	1	0	1.9	1.9	0	0	0	0	0	0	0	0	0
11/24/2023 11:34	66901 SHIL_T2	114	182	68	0.18	0.22	0.04	-1.66	-1.68	1	1	0	1200	1200	0
11/24/2023 11:34	14403 SSLA_T1	3	4	1	0.23	0.33	0.1	0.67	0.65	0	0	0	0	0	0
11/24/2023 11:34	52501 PROG_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/24/2023 11:35	66903 SHIL_T2	0	1	1	0	0.2	0.2	0	0	0	0	0	0	0	0
11/24/2023 11:36	54206 PENN_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/24/2023 11:36	46001 BERW_T1	0	0	0	0	0	0	0.58	0.56	0	0	0	0	0	0
11/24/2023 11:37	55101 WERT_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/24/2023 11:37	13901 SEID_T1	0	0	0	0	0	0	0.17	0.16	0	0	0	0	0	0
11/24/2023 11:38	14603 SWHI_T1	1	1	0	0.5	0.7	0.2	0	0	0	0	0	0	0	0
11/24/2023 11:40	55105 WERT_T1	0	0	0	0	0	0	-0.67	-0.73	1	1	0	900	900	0
11/24/2023 11:40	61303 EARL_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/24/2023 11:40	46203 DANV_T2	1	2	1	0.1	0.85	0.75	-0.1	-0.11	0	0	0	0	0	0
11/24/2023 11:41	46203 DANV_T2	1	2	1	0.1	0.85	0.75	0	0	0	0	0	0	0	0
11/24/2023 11:41	54505 ENOL_T2	1	1	0	0.8	0.9	0.1	0	0	0	0	0	0	0	0
11/24/2023 11:41	52401 GRPA_T2	2	5	3	0.2	0.2	0	-0.51	-0.57	0	0	0	0	0	0
11/24/2023 11:41	46001 BERW_T1	0	0	0	0	0	0	0.56	0.56	0	0	0	0	0	0
11/24/2023 11:41	51604 DUKE_T2	1	3	2	0.4	0.67	0.27	-1.72	-1.69	1	1	0	900	900	0
11/24/2023 11:42	54505 ENOL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/24/2023 11:43	53903 HALI_T2	2	2	0	0.85	0.7	-0.15	-0.09	-0.12	0	0	0	0	0	0
11/24/2023 11:43	46203 DANV_T2	1	2	1	0.1	0.85	0.75	0	0	0	0	0	0	0	0
11/24/2023 11:44	40903 JESH_T1	0	1	1	0	0.1	0.1	0	0	0	0	0	0	0	0
11/24/2023 11:44	53302 GRAT_T2	60	73	13	0.68	0.71	0.03	0	0	0	0	0	0	0	0
11/24/2023 11:44	52402 GRPA_T2	7	6	-1	1.1	1.18	0.08	0	0	0	0	0	0	0	0
11/24/2023 11:44	54502 ENOL_T2	1	1	0	0.2	0.3	0.1	-2.03	-2.04	1	1	0	600	600	0
11/24/2023 11:46	59102 WALK_T2	34	76	42	0.22	0.31	0.09	0	0	0	0	0	0	0	0
11/24/2023 11:46	28403 HART_T2	0	1	1	0	0	0	-0.95	-0.95	1	1	0	900	900	0
11/24/2023 11:47	46901 MNTG_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/24/2023 11:47	52403 GRPA_T2	20	22	2	0.6	0.59	-0.01	0.1	0.03	0	0	0	0	0	0
11/24/2023 11:47	46901 MNTG_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/24/2023 11:49	14601 SWHI_T1	0	0	0	0	0	0	-0.38	-0.36	0	0	0	0	0	0
11/24/2023 11:49	67204 TEHI_T2	0	0	0	0	0	0	-0.06	-0.09	0	0	0	0	0	0
11/24/2023 11:49	52501 PROG_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/24/2023 11:49	41901 REED_T1	11	11	0	0.65	0.76	0.11	0	0	0	0	0	0	0	0
11/24/2023 11:50	67503 WEWI_T2	0	0	0	0	0	0	-0.36	-0.37	0	0	0	0	0	0
11/24/2023 11:50	64101 REFR_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/24/2023 11:50	66903 SHIL_T2	1	1	0	0.2	0.1	-0.1	0	0	0	0	0	0	0	0
11/24/2023 11:50	67204 TEHI_T2	0	0	0	0	0	0	-0.06	-0.09	0	0	0	0	0	0
11/24/2023 11:51	67001 STHI_T2	479	557	78	0.23	0.26	0.03	0	0	0	0	0	0	0	0
11/24/2023 11:51	55101 WERT_T1	0	0	0	0	0	0	-1.24	-1.28	2	2	0	1500	1500	0
11/24/2023 11:51	64101 REFR_T1	0	0	0	0	0	0	0.07	0.05	0	0	0	0	0	0
11/24/2023 11:52	67002 STHI_T2	148	248	100	0.17	0.2	0.03	0.65	0.65	0	0	0	0	0	0
11/24/2023 11:52	67503 WEWI_T2	0	0	0	0	0	0	-0.73	-0.74	0	0	0	0	0	0
11/24/2023 11:52	67002 STHI_T2	148	248	100	0.17	0.2	0.03	0.65	0.65	0	0	0	0	0	0
11/24/2023 11:52	46001 BERW_T1	0	0	0	0	0	0	0.56	0.56	0	0	0	0	0	0
11/24/2023 11:52	42201 SHEN_T2	0	0	0	0	0	0	0.6	0.6	0	0	0	0	0	0
11/24/2023 11:52	64101 REFR_T1	0	0	0	0	0	0	0.27	0.21	0	0	0	0	0	0
11/24/2023 11:53	55101 WERT_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/24/2023 11:54	58401 MORO_T1	3	0	-3	0.17	0	-0.17	-0.99	-1.04	1	1	0	600	600	0
11/24/2023 11:54	67502 WEWI_T2	5	0	-5	0.2	0	-0.2	-0.39	-0.44	0	0	0	0	0	0
11/24/2023 11:55	54503 ENOL_T2	0	0	0	0	0	0	-1.06	-0.99	1	1	0	600	600	0
11/24/2023 11:55	67502 WEWI_T2	5	0	-5	0.2	0	-0.2	-0.39	-0.44	0	0	0	0	0	0
11/24/2023 11:55	67502 WEWI_T2	5	0	-5	0.2	0	-0.2	-0.39	-0.44	0	0	0	0	0	0
11/24/2023 11:56	52403 GRPA_T2	20	22	2	0.6	0.59	-0.01	0	0	0	0	0	0	0	0
11/24/2023 11:56	54502 ENOL_T2	1	1	0	0.2	0.3	0.1	-2.04	-2.06	1	1	0	600	600	0
11/24/2023 11:56	61303 EARL_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/24/2023 11:57	54501 ENOL_T2	0	0	0	0	0	0	-0.54	-0.55	1	1	0	600	600	0
11/24/2023 11:57	54502 ENOL_T2	1	1	0	0.2	0.3	0.1	-2.04	-2.06	1	1	0	600	600	0
11/24/2023 11:57	54502 ENOL_T2	1	1	0	0.2	0.3	0.1	-2.04	-2.06	1	1	0	600	600	0
11/24/2023 11:58	54503 ENOL_T2	0	0	0	0	0	0	-0.99	-1.08	1	1	0	600	600	0
11/24/2023 11:58	54502 ENOL_T2	1	1	0	0.2	0.3	0.1	0	0	0	0	0	0	0	0
11/24/2023 11:58	54502 ENOL_T2	1	1	0	0.2	0.3	0.1	0	0	0	0	0	0	0	0
11/24/2023 11:58	52402 GRPA_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/24/2023 11:59	54505 ENOL_T2	1	1	0	0.9	0.9	0	0	0	0	0	0	0	0	0
11/24/2023 11:59	52401 GRPA_T2	2	7	5	0.2	0.23	0.03	0	0	0	0	0	0	0	0
11/24/2023 12:00	52402 GRPA_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/24/2023 12:05	64101 REFR_T1	0	0	0	0	0	0	0.05	0.07	0	0	0	0	0	0
11/24/2023 12:06	52501 PROG_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/24/2023 12:07	59101 WALK_T2	4	6	2	0.17	0.36	0.19	-0.39	-0.49	0	0	0	0	0	0
11/24/2023 12:07	64101 REFR_T1	0	0	0	0	0	0	0.16	0.21	0	0	0	0	0	0
11/24/2023 12:07	55101 WERT_T1	0	0	0	0	0	0	-1.28	-1.23	2	2	0	1500	1500	0
11/24/2023 12:08	46001 BERW_T1	0	0	0	0	0	0	0.56	0.57	0	0	0	0	0	0
11/24/2023 12:09	55101 WERT_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/24/2023 12:11	59101 WALK_T2	4	6	2	0.17	0.36	0.19	-0.49	-0.51	0	0	0	0	0	0
11/24/2023 12:12	61303 EARL_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/24/2023 12:12	64204 KINZ_T1	1	1	0	0.8	0.6	-0.2	0	0	0	0	0	0	0	0
11/24/2023 12:13	62607 ENGL_T1	0	0	0	0	0	0	0.27	0.24	1	1	0	300	300	0
11/24/2023 12:17	39601 LNFD_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/24/2023 12:21	14603 SWHI_T1	2	2	0	0.6	0.5	-0.1	0	0	0	0	0	0	0	0
11/24/2023 12:27	54501 ENOL_T2	0	3	3	0	0.17	0.17	0	0	0	0	0	0	0	0
11/24/2023 12:28	52402 GRPA_T2	8	11	3	0.95	0.89	-0.06	0	0	0	0	0	0	0	0
11/24/2023 12:29	64201 KINZ_T1	1	1	0	0.1	0.3	0.2	0	0	0	0	0	0	0	0
11/24/2023 12:29	52402 GRPA_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/24/2023 12:29	54505 ENOL_T2	1	1	0	0.9	1.1	0.2	0	0	0	0	0	0	0	0
11/24/2023 12:30	52401 GRPA_T2	1	4	3	0.1	0.25	0.15	0	0	0	0	0	0	0	0
11/24/2023 12:30	54503 ENOL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/24/2023 12:32	41902 REED_T1	0	0	0	0	0	0	1.05	0.94	0	0	0	0	0	0
11/24/2023 12:36	67204 TEHI_T2	0	0	0	0	0	0	-0.11	-0.12	0	0	0	0	0	0
11/24/2023 12:37	41901 REED_T1	11	11	0	0.46	0.5	0.04	0	0	0	0	0	0	0	0
11/24/2023 12:37	67204 TEHI_T2	0	0	0	0	0	0	-0.11	-0.12	0	0	0	0	0	0
11/24/2023 12:38	46203 DANV_T2	2	2	0	0.55	0.45	-0.1	-0.13	-0.14	0	0	0	0	0	0
11/24/2023 12:39	46203 DANV_T2	2	2	0	0.55	0.45	-0.1	0	0	0	0	0	0	0	0
11/24/2023 12:41	46203 DANV_T2	2	2	0	0.55	0.45	-0.1	0	0	0	0	0	0	0	0
11/24/2023 12:52	54501 ENOL_T2	3	3	0	0.17	0.2	0.03	0	0	0	0	0	0	0	0
11/24/2023 12:59	65001 NEFF_T2	18	21	3	0.16	0.17	0.01	-1.25	-1.16	1	1	0	1200	1200	0
11/24/2023 13:07	56802 BENV_T2	181	216	35	0.34	0.37	0.03	-1.31	-1.35	0	0	0	0	0	0
11/24/2023 13:09	56802 BENV_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/24/2023 13:12	64202 KINZ_T1	3	2	-1	0.3	0.25	-0.05	0	0	0	0	0	0	0	0
11/24/2023 13:27	54505 ENOL_T2	1	1	0	1.1	1.2	0.1	-1.37	-1.39	1	1	0	600	600	0
11/24/2023 13:28	54505 ENOL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/24/2023 13:29	64202 KINZ_T1	0	2	2	0	0.25	0.25	0	0	0	0	0	0	0	0
11/24/2023 13:30	54502 ENOL_T2	1	1	0	0.4	0.6	0.2	0	0	0	0	0	0	0	0
11/24/2023 13:31	59002 MIFF_T1	0	3	3	0	0.2	0.2	0	0	0	0	0	0	0	0
11/24/2023 13:32	41901 REED_T1	10	11	1	0.51	0.69	0.18	0	0	0	0	0	0	0	0
11/24/2023 13:34	41901 REED_T1	10	11	1	0.51	0.69	0.18	0	0	0	0	0	0	0	0
11/24/2023 13:38	61103 BERK_T5	1	0	-1	0.1	0	-0.1	0.08	0.09	0	0	0	0	0	0
11/24/2023 13:44	52402 GRPA_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/24/2023 13:44	59001 MIFF_T1	1	8	7	0.4	0.14	-0.26	0	0	0	0	0	0	0	0
11/24/2023 13:44	61103 BERK_T5	1	0	-1	0.1	0	-0.1	0.09	0.04	0	0	0	0	0	0
11/24/2023 13:48	47403 PENS_T1	1	1	0	1.9	1.9	0	0	0	0	0	0	0	0	0
11/24/2023 13:49	47403 PENS_T1	1	1	0	1.9	1.9	0	0	0	0	0	0	0	0	0
11/24/2023 13:51	67002 STHI_T2	198	177	-21	0.18	0.18	0	0.64	0.63	0	0	0	0	0	0
11/24/2023 13:52	67002 STHI_T2	198	177	-21	0.18	0.18	0	0.64	0.63	0	0	0	0	0	0
11/24/2023 14:07	60201 ATGL_T2	0	0	0	0	0	0	0.3	0.42	0	0	0	0	0	0
11/24/2023 14:07	60803 BUCK_T1	0	0	0	0	0	0	-0.94	-0.94	1	1	0	600	600	0
11/24/2023 14:07	53102 WTWN_T1	0	0	0	0	0	0	-0.57	-0.58	0	0	0	0	0	0
11/24/2023 14:08	60801 BUCK_T1	0	0	0	0	0	0	-0.2	-0.19	0	0	0	0	0	0
11/24/2023 14:08	67502 WEWI_T2	14	6	-8	0.14	0.23	0.09	-0.89	-0.93	0	0	0	0	0	0
11/24/2023 14:09	60803 BUCK_T1	0	0	0	0	0	0	-0.94	-0.94	1	1	0	600	600	0
11/24/2023 14:09	53102 WTWN_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/24/2023 14:10	46203 DANV_T2	2	2	0	0.75	0.6	-0.15	0	0	0	0	0	0	0	0
11/24/2023 14:11	60201 ATGL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/24/2023 14:12	64203 KINZ_T1	0	0	0	0	0	0	0.43	0.41	0	0	0	0	0	0
11/24/2023 14:13	46203 DANV_T2	2	2	0	0.75	0.6	-0.15	-0.14	-0.13	0	0	0	0	0	0
11/24/2023 14:13	52402 GRPA_T2	6	6	0	1.2	1.27	0.07	0	0	0	0	0	0	0	0
11/24/2023 14:16	58401 MORO_T1	0	2	2	0	0.25	0.25	-2.29	-2.35	2	2	0	1200	1200	0
11/24/2023 14:17	58401 MORO_T1	0	2	2	0	0.25	0.25	-2.29	-2.35	2	2	0	1200	1200	0
11/24/2023 14:18	58401 MORO_T1	0	2	2	0	0.25	0.25	-1.15	-1.18	1	1	0	600	600	0
11/24/2023 14:19	58402 MORO_T1	0	0	0	0	0	0	-1.11	-1.13	2	2	0	1500	1500	0
11/24/2023 14:21	58401 MORO_T1	0	2	2	0	0.25	0.25	-1.15	-1.18	1	1	0	600	600	0
11/24/2023 14:22	56802 BENV_T2	279	278	-1	0.25	0.41	0.16	-1.39	-1.37	0	0	0	0	0	0
11/24/2023 14:22	66901 SHIL_T2	206	234	28	0.26	0.27	0.01	-1.74	-1.76	1	1	0	1200	1200	0
11/24/2023 14:22	49803 UNIV_T1	0	0	0	0	0	0	-1.21	-1.2	0	0	0	0	0	0
11/24/2023 14:23	67502 WEWI_T2	6	11	5	0.23	0.25	0.02	0	0	0	0	0	0	0	0
11/24/2023 14:23	56802 BENV_T2	279	278	-1	0.25	0.41	0.16	-2.78	-2.75	0	0	0	0	0	0
11/24/2023 14:24	67502 WEWI_T2	6	11	5	0.23	0.25	0.02	0	0	0	0	0	0	0	0
11/24/2023 14:24	56802 BENV_T2	279	278	-1	0.25	0.41	0.16	-5.56	-5.49	0	0	0	0	0	0
11/24/2023 14:24	60801 BUCK_T1	0	0	0	0	0	0	-0.19	-0.21	0	0	0	0	0	0
11/24/2023 14:25	56802 BENV_T2	279	278	-1	0.25	0.41	0.16	-1.39	-1.37	0	0	0	0	0	0
11/24/2023 14:25	56801 BENV_T1	38	44	6	0.54	0.65	0.11	-1.66	-1.68	2	2	0	1200	1200	0
11/24/2023 14:26	56802 BENV_T2	279	278	-1	0.25	0.41	0.16	-2.75	-2.78	0	0	0	0	0	0
11/24/2023 14:27	40902 JESH_T1	0	0	0	0	0	0	-0.66	-0.68	0	0	0	0	0	0
11/24/2023 14:27	56802 BENV_T2	279	278	-1	0.25	0.41	0.16	-2.75	-2.78	0	0	0	0	0	0
11/24/2023 14:28	56802 BENV_T2	279	278	-1	0.25	0.41	0.16	-1.37	-1.39	0	0	0	0	0	0
11/24/2023 14:28	45001 LIME_2	3	10	7	0.23	0.18	-0.05	0	0	0	0	0	0	0	0
11/24/2023 14:28	26401 INOR_T1	0	1	1	0	0.3	0.3	0.26	0.26	0	0	0	0	0	0
11/24/2023 14:29	64203 KINZ_T1	0	0	0	0	0	0	0.41	0.39	0	0	0	0	0	0
11/24/2023 14:29	45001 LIME_2	3	10	7	0.23	0.18	-0.05	0	0	0	0	0	0	0

11/24/2023 14:43	40902 JESH_T1	0	0	0	0	0	0	-0.68	-0.67	0	0	0	0	0	0
11/24/2023 14:44	46803 HEPB_T2	5	7	2	0.18	0.17	-0.01	0	0	0	0	0	0	0	0
11/24/2023 14:45	59301 MCAL_T1	24	50	26	0.29	0.3	0.01	-1.24	-1.25	0	0	0	0	0	0
11/24/2023 14:47	46903 MINTG_T2	2	3	1	0.25	0.2	-0.05	0	0.03	1	1	0	600	600	0
11/24/2023 14:48	51402 LYKE_T1	14	1	-13	0.11	0.1	-0.01	0	0	0	0	0	0	0	0
11/24/2023 14:50	59101 WALK_T2	5	9	4	0.13	0.21	0.08	-0.56	-0.56	0	0	0	0	0	0
11/24/2023 14:53	62604 ENGL_T1	0	0	0	0	0	0	-0.46	-0.49	1	1	0	600	600	0
11/24/2023 14:53	49803 UNIV_T1	0	0	0	0	0	0	-1.18	-1.16	0	0	0	0	0	0
11/24/2023 14:54	42601 TUSC_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/24/2023 14:56	60801 BUCK_T1	0	0	0	0	0	0	-0.19	-0.21	0	0	0	0	0	0
11/24/2023 14:59	45001 LIME_2	10	17	7	0.18	0.22	0.04	0	0	0	0	0	0	0	0
11/24/2023 14:59	46903 MINTG_T2	2	3	1	0.25	0.2	-0.05	0.03	-0.07	1	1	0	600	600	0
11/24/2023 15:01	58401 MORO_T1	0	0	0	0	0	0	-1.17	-1.17	1	1	0	600	600	0
11/24/2023 15:02	47403 PENS_T1	1	1	0	1.9	1.9	0	0	0	0	0	0	0	0	0
11/24/2023 15:02	26401 INOR_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/24/2023 15:03	45003 LIME_2	2	2	0	2.35	2.35	0	0	0	1	1	0	1200	1200	0
11/24/2023 15:03	58401 MORO_T1	0	0	0	0	0	0	-1.17	-1.17	1	1	0	600	600	0
11/24/2023 15:04	58401 MORO_T1	0	0	0	0	0	0	-2.33	-2.34	2	2	0	1200	1200	0
11/24/2023 15:06	47403 PENS_T1	1	1	0	1.9	1.9	0	0	0	0	0	0	0	0	0
11/24/2023 15:11	46203 DANV_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/24/2023 15:12	64203 KINZ_T1	0	0	0	0	0	0	0.26	0.28	0	0	0	0	0	0
11/24/2023 15:13	45802 HEGI_T2	0	0	0	0	0	0	0.84	0.77	0	0	0	0	0	0
11/24/2023 15:13	46203 DANV_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/24/2023 15:15	27101 GFLD_T2	0	0	0	0	0	0	0.27	0.29	0	0	0	0	0	0
11/24/2023 15:17	59301 MCAL_T1	48	44	-4	0.31	0.27	-0.04	0	0	0	0	0	0	0	0
11/24/2023 15:18	55003 NEWP_T2	3	8	5	0.1	0.3	0.2	-0.08	-0.09	0	0	0	0	0	0
11/24/2023 15:20	55003 NEWP_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/24/2023 15:20	54505 ENOL_T2	1	1	0	1	1	0	0	0	0	0	0	0	0	0
11/24/2023 15:22	52401 GRPA_T2	1	2	1	0.5	0.3	-0.2	0	0	0	0	0	0	0	0
11/24/2023 15:25	60201 ATGL_T2	0	0	0	0	0	0	0.33	0.51	0	0	0	0	0	0
11/24/2023 15:26	56802 BENV_T2	1	1	0	1	1.1	0.1	-1.36	-1.36	0	0	0	0	0	0
11/24/2023 15:29	64203 KINZ_T1	0	0	0	0	0	0	0.28	0.27	0	0	0	0	0	0
11/24/2023 15:31	58401 MORO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/24/2023 15:33	59302 MCAL_T1	2	2	0	0.65	0.5	-0.15	-0.25	-0.23	1	1	0	600	600	0
11/24/2023 15:35	58401 MORO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/24/2023 15:36	43301 WATS_T2	0	0	0	0	0	0	0.35	-0.66	0	1	1	0	900	900
11/24/2023 15:37	43301 WATS_T2	0	0	0	0	0	0	0.35	-0.66	0	1	1	0	900	900
11/24/2023 15:38	43301 WATS_T2	0	0	0	0	0	0	0.71	-1.31	2	2	0	1800	1800	0
11/24/2023 15:39	43302 WATS_T2	0	4	4	0.48	0.35	0.35	0	0	0	0	0	0	0	0
11/24/2023 15:42	54501 ENOL_T2	0	1	1	0	0.1	0.1	0	0	0	0	0	0	0	0
11/24/2023 15:43	62604 ENGL_T1	0	0	0	0	0	0	-0.47	-0.48	1	1	0	600	600	0
11/24/2023 15:53	56802 BENV_T2	1	1	0	0.8	0.7	-0.1	-0.68	-0.75	0	0	0	0	0	0
11/24/2023 15:56	56802 BENV_T2	1	1	0	0.8	0.7	-0.1	-1.5	-1.54	0	0	0	0	0	0
11/24/2023 16:11	45901 AUBU_T1	28	26	-2	0.18	0.2	0.02	1.06	1.06	0	0	0	0	0	0
11/24/2023 16:11	43402 BENT_T1	0	0	0	0	0	0	-0.83	-0.82	1	1	0	900	900	0
11/24/2023 16:11	45901 AUBU_T1	28	26	-2	0.18	0.2	0.02	1.06	1.06	0	0	0	0	0	0
11/24/2023 16:12	64203 KINZ_T1	0	0	0	0	0	0	0.18	0.15	0	0	0	0	0	0
11/24/2023 16:13	45003 LIME_2	1	1	0	4.3	4	-0.3	0	0	1	1	0	1200	1200	0
11/24/2023 16:15	45003 LIME_2	1	1	0	4	3.7	-0.3	0	0	1	1	0	1200	1200	0
11/24/2023 16:44	26703 HEML_T1	1	1	0	0.7	0	-0.7	-0.67	-0.69	1	1	0	600	600	0
11/24/2023 16:58	23901 EFMO_T2	1	0	-1	0.5	0	-0.5	-0.83	-0.83	0	0	0	0	0	0
11/24/2023 17:01	43202 MVIL_T2	0	1	1	0	0.2	0.2	-0.65	-0.68	0	0	0	0	0	0
11/24/2023 17:03	43202 MVIL_T2	0	1	1	0	0.2	0.2	-0.65	-0.68	0	0	0	0	0	0
11/24/2023 17:20	24902 WHHA_T1	1	0	-1	0.2	0	-0.2	0.7	0.67	0	0	0	0	0	0
11/24/2023 17:22	24902 WHHA_T1	1	0	-1	0.2	0	-0.2	0.7	0.67	0	0	0	0	0	0
11/24/2023 17:33	24902 WHHA_T1	0	0	0	0	0	0	0.67	0.68	0	0	0	0	0	0
11/24/2023 17:36	24902 WHHA_T1	0	0	0	0	0	0	0.67	0.68	0	0	0	0	0	0
11/24/2023 17:42	59402 RFLD_T2	0	0	0	0	0	0	-0.78	-0.79	1	1	0	450	450	0
11/24/2023 17:49	24901 WHHA_T1	0	1	1	0	0	0	0	0	0	0	0	0	0	0
11/24/2023 17:52	24902 WHHA_T1	0	1	1	0	0	0	0.68	0.63	0	0	0	0	0	0
11/24/2023 18:35	26703 HEML_T1	6	5	-1	0.72	0.75	0.03	-0.63	-0.6	1	1	0	600	600	0
11/24/2023 18:36	26401 INOR_T1	0	0	0	0	0	0	0.52	0.53	0	0	0	0	0	0
11/24/2023 18:37	29401 BELT_T1	104	111	7	0.39	0.39	0	0	0	1	1	0	900	900	0
11/24/2023 18:37	29401 BELT_T1	104	111	7	0.39	0.39	0	0	0	1	1	0	900	900	0
11/24/2023 18:38	27101 GFLD_T2	0	0	0	0	0	0	-0.27	-0.25	1	1	0	600	600	0
11/24/2023 18:39	29402 BELT_T1	1	1	0	8.2	8.2	0	0	0	0	0	0	0	0	0
11/24/2023 18:40	17805 GILB_T2	0	0	0	0	0	0	0.02	0.08	0	0	0	0	0	0
11/24/2023 18:40	13302 ORVI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/24/2023 18:40	27502 WEIS_T2	0	0	0	0	0	0	-0.44	-0.5	0	0	0	0	0	0
11/24/2023 18:40	39601 LNFD_T1	1	0	-1	0.1	0	-0.1	0	0	0	0	0	0	0	0
11/24/2023 18:41	24902 WHHA_T1	1	2	1	2.9	0	-2.9	0.65	0.63	0	0	0	0	0	0
11/24/2023 18:41	17803 GILB_T2	27	8	-19	0.16	0.11	-0.05	0	0	0	0	0	0	0	0
11/24/2023 18:41	67503 WEWI_T2	0	0	0	0	0	0	-0.34	-0.34	0	0	0	0	0	0
11/24/2023 18:42	64203 KINZ_T1	0	0	0	0	0	0	-0.04	-0.01	0	0	0	0	0	0
11/24/2023 18:42	26401 INOR_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/24/2023 18:42	29401 BELT_T1	104	111	7	0.39	0.39	0	0	0	1	1	0	900	900	0
11/24/2023 18:42	45901 AUBU_T1	6	3	-3	0.13	0.17	0.04	0	0	0	0	0	0	0	0
11/24/2023 18:42	16302 ALPA_T2	0	0	0	0	0	0	0.6	0.63	0	0	0	0	0	0
11/24/2023 18:42	62604 ENGL_T1	0	0	0	0	0	0	-0.46	-0.56	1	1	0	600	600	0
11/24/2023 18:42	47001 HUGH_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/24/2023 18:42	13302 ORVI_T2	398	429	31	0.3	0.3	0	0.71	0.71	0	0	0	0	0	0
11/24/2023 18:42	49803 UNIV_T1	0	0	0	0	0	0	-1.09	-1.07	0	0	0	0	0	0
11/24/2023 18:43	13302 ORVI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/24/2023 18:43	29402 BELT_T1	1	1	0	8.2	8.2	0	0	0	0	0	0	0	0	0
11/24/2023 18:43	67001 STHI_T2	2	2	0	0.4	0.45	0.05	0	0	0	0	0	0	0	0
11/24/2023 18:43	29401 BELT_T1	104	111	7	0.39	0.39	0	0	0	1	1	0	900	900	0
11/24/2023 18:43	57401 SPAN_T1	0	0	0	0	0	0	-0.79	-0.77	1	1	0	600	600	0
11/24/2023 18:43	45901 AUBU_T1	6	3	-3	0.13	0.17	0.04	1.04	1.04	0	0	0	0	0	0
11/24/2023 18:43	14403 SSLA_T1	0	0	0	0	0	0	0.75	0.78	0	0	0	0	0	0
11/24/2023 18:43	45902 AUBU_T1	14	19	5	0.21	0.3	0.09	-0.69	-0.69	0	0	0	0	0	0
11/24/2023 18:43	25402 LAHA_T2	8	6	-2	0.69	0.3	-0.39	-0.55	-0.43	0	0	0	0	0	0
11/24/2023 18:43	16302 ALPA_T2	0	0	0	0	0	0	0.6	0.63	0	0	0	0	0	0
11/24/2023 18:44	57401 SPAN_T1	0	0	0	0	0	0	-0.79	-0.77	1	1	0	600	600	0
11/24/2023 18:44	24902 WHHA_T1	1	2	1	2.9	0	-2.9	0.65	0.63	0	0	0	0	0	0
11/24/2023 18:44	51401 LYKE_T1	0	0	0	0	0	0	0.24	0.26	0	0	0	0	0	0
11/24/2023 18:44	16302 ALPA_T2	0	0	0	0	0	0	0.6	0.63	0	0	0	0	0	0
11/24/2023 18:45	67002 STHI_T2	1	1	0	0.1	0.1	0	0.57	0.57	0	0	0	0	0	0
11/24/2023 18:45	47403 PENS_T1	1	1	0	1.5	1.5	0	0	0	0	0	0	0	0	0
11/24/2023 18:45	44901 SCOT_T2	0	0	0	0	0	0	-0.5	-0.51	0	0	0	0	0	0
11/24/2023 18:45	41801 GOCI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/24/2023 18:45	42802 SELI_T1	0	0	0	0	0	0	-4.28	-4.4	2	2	0	1800	1800	0
11/24/2023 18:45	45902 AUBU_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/24/2023 18:45	58402 MORO_T1	1	3	2	0.4	0.9	0.5	0	0	0	0	0	0	0	0
11/24/2023 18:45	56802 BENV_T2	3	3	0	0.27	0.37	0.1	-1.34	-1.43	0	0	0	0	0	0
11/24/2023 18:45	67503 WEWI_T2	0	0	0	0	0	0	-0.34	-0.34	0	0	0	0	0	0
11/24/2023 18:46	59201 THOM_T1	11	14	3	0.33	0.33	0	0	0	0	0	0	0	0	0
11/24/2023 18:46	60501 NMAN_T2	3	3	0	4.67	5	0.33	0	0	0	0	0	0	0	0
11/24/2023 18:46	60801 BUCK_T1	0	0	0	0	0	0	-0.15	-0.18	0	0	0	0	0	0
11/24/2023 18:46	66505 SMAN_T2	3	3	0	1.23	1.57	0.34	0	0	0	0	0	0	0	0
11/24/2023 18:46	56802 BENV_T2	3	3	0	0.27	0.37	0.1	-1.34	-1.43	0	0	0	0	0	0
11/24/2023 18:46	67002 STHI_T2	1	1	0	0.1	0.1	0	0.57	0.57	0	0	0	0	0	0
11/24/2023 18:46	45901 AUBU_T1	3	4	1	0.17	0.13	-0.04	0	0	0	0	0	0	0	0
11/24/2023 18:46	20401 ASHF_T2	1	2	1	0.2	0	-0.2	0	0	0	0	0	0	0	0
11/24/2023 18:46	45501 DERR_T2	0	0	0	0	0	0	0.77	0.63	1	1	0	600	600	0
11/24/2023 18:46	28403 HART_T2	0	0	0	0	0	0	-0.81	-0.84	1	1	0	900	900	0
11/24/2023 18:46	58001 WCAR_T1	4	5	1	0.53	0.73	0.2	0	0	0	0	0	0	0	0
11/24/2023 18:46	67502 WEWI_T2	0	0	0	0	0	0	-0.84	-0.83	0	0	0	0	0	0
11/24/2023 18:46	41903 REED_T1	0	1	1	0	0	0	0	0	0	0	0	0	0	0
11/24/2023 18:46	44904 SCOT_T1	0	0	0	0	0	0	-0.11	-0.11	0	0	0	0	0	0
11/24/2023 18:46	59101 WALK_T2	1	1	0	0	0	0	-1	-1.08	0	0	0	0	0	0
11/24/2023 18:46	59302 MCAL_T1	1	1	0	0.4	0.4	0	0	0	0	0	0	0	0	0
11/24/2023 18:46	42201 SHEN_T2	0	0	0	0	0	0	0.67	0.7	0	0	0	0	0	0
11/24/2023 18:46	40602 PIGR_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/24/2023 18:46	52402 GRPA_T2	6	6	0	0.92	0.88	-0.04	0	0	0	0	0	0	0	0
11/24/2023 18:46	55002 NEWP_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/24/2023 18:46	41801 GOCI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/24/2023 18:46	65001 NEFF_T2	7	50	43	0.17	0.12	-0.05	-1.29	-1.3	1	1	0	1200	1200	0
11/24/2023 18:46	61303 EARL_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/24/2023 18:47	54505 ENOL_T2	1	1	0	0.3	0.3	0	0	0	0	0	0	0	0	0
11/24/2023 18:47	13302 ORVI_T2	398	418	20	0.29	0.3	0.01	0.71	0.71	0	0	0	0	0	0
11/24/2023 18:47	17803 GILB_T2	6	4	-2	0.12	0.13	0.01	0	0	0	0	0	0	0	0
11/24/2023 18:47	59302 MCAL_T1	1	1	0	0.4	0.4	0	-0.36	-0.37	1	1	0	600	600	0
11/24/2023 18:47	53903 HALI_T2	1	2	1	0.1	0.15	0.05	-0.13	-0.13	0	0	0	0	0	0
11/24/2023 18:47	46903 MINTG_T2	0	9	9	0	0.11	0.11	-0.18	-0.16	1	1	0	600	600	0
11/24/2023 18:47	40602 PIGR_T1	0	1	1	0	0	0	0	0	0	0	0	0	0	0
11/24/2023 18:47	46004 BERV_T2	2	3	1	1.85	0.4	-1.45	0	0	0	0	0	0	0	0
11/24/2023 18:47	60803 BUCK_T1	0	0	0	0	0	0	-0.85	-0.82	1	1	0	600	600	0
11/24/2023 18:47	46203 DANV_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/24/2023 18:47	67502 WEWI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/24/2023 18:48	45902 AUBU_T1	15	30	15	0.26	0.27	0.01	-0.69	-0.69	0	0	0	0	0	0
11/24/2023 18:48	14602 SWHI_T1	1	0	-1	0.2	0	-0.2	0	0	0	0	0	0	0	0
11/24/2023 18:48	57401 SPAN_T1	0	0	0	0	0	0	-0.79	-0.77	1	1	0	600	600	0
11/24/2023 18:48	64101 REFR_T1	0	0	0	0	0	0	-0.05	-0.05	0	0	0	0	0	0
11/24/2023 18:48	62604 ENGL_T1	0	0	0	0	0	0	-0.46	-0.56	1	1	0	600	600	0
11/24/2023 18:48	46203 DANV_T2	0	0	0	0	0	0	0.05	0.02	0	0	0	0	0	0
11/24/2023 18:48	23901 EFMO_T2	1	1	0	0.3	0.2	-0.1	-0.78	-0.78	0	0	0	0	0	0
11/24/2023 18:48	47001 HUGH_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/24/2023 18:48	44301 BEAV_T2	0	1	1	0	0	0	-1.02	-1.01	1	1	0	600	600	0
11/24/2023 18:48	43302 WATS_T2	4	4	0	0.48	0.45	-0.03	0	0	0	0	0	0	0	0
11/24/2023 18:48	42701 AUGU_T1	0	0	0	0	0	0	0	0	2	2	0	1800	1800	0
11/24/2023 18:49	57403 SPAN_T1	0	0	0	0	0	0	0.1	0.1	0	0	0	0	0	0
11/24/2023 18:49	56802 BENV_T2	3	3	0	0.27	0.37	0.1	-5.37	-5.72	0	0	0	0	0	0
11/24/2023 18:49	57401 SPAN_T1	0	0	0	0	0	0	-0.79	-0.77	1	1	0	600	600	0
11/24/2023 18:49	17802 GILB_T1	0	0	0	0	0	0	0.15	0.08	0	0	0	0	0	0
11/24/2023 18:49	67502 WEWI_T2	0	0	0	0	0	0	-0.42	-0.41	0	0	0	0	0	0
11/24/2023 18:49	60201 ATGL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/24/2023 18:49	45501 DERR_T2	0	0	0	0	0	0	0.77	0.63	1	1	0	600	600	0
11/24/2023 18:49	51401 LYKE_T1	0	0	0	0	0	0	0.24	0.26	0	0	0	0	0	0
11/24/2023 18:49	40903 JESH_T1	0	0	0	0	0	0	-0.53	-0.55	0	0	0	0	0	0
11/24/2023 18:50	43304 WATS_T2	0	0	0	0	0	0	-1.36	-1.31	0	0	0	0	0	0
11/24/2023 18:50	56501 ROCK_T2	2	2	0	0.3	1.1	0.8	-0.95	-0.91	0	0	0	0	0	0
11/24/2023 18:50	67503 WEWI_T2	0	0	0	0	0	0	-0.34	-0.34	0	0	0	0	0	0
11/24/2023 18:50	63404 HONY_T1	29	30	1	0.79	0.78	-0.01	0	0	0	0	0	0	0	0
11/24/2023 18:50	64802 MONE_T2	0	0	0	0	0	0	-0.02	-0.03	0	0	0	0	0	0
11/24/2023 18:50	43301 WATS_T2	0	0	0	0	0	0	-1.2	-1.17	2	2	0	1800	1800	0
11/24/2023 18:50	45003 LIME_2	1	1	0	3.2	3.2	0	0	0	1	1	0	1200	1200	0
11/24/2023 18:50	66901 SHIL_T2	3	1	-2	0.1	0	-0.1	-1.77	-1.77	1	1	0	1200	1200	0
11/24/2023 18:50	55002 NEWP_T1	4	4	0	0.65	0.5	-0.15	-0.22	-0.25	0	0	0	0	0	0
11/24/2023 18:50	46203 DANV_T2	0	0	0	0	0	0	0.05	0.02	0	0	0	0	0	0
11/24/2023 18:50	16302 ALPA_T2	0	0	0	0	0	0	0.6	0.63	0	0	0	0	0	0
11/24/2023 18:50	60803 BUCK_T1	0	0	0	0	0	0	-0.85	-0.82	1	1	0	600	600	0
11/24/2023 18:50	42601 TUSC_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/24/2023 18:50	60201 ATGL_T2	0	0	0	0	0	0	0.28	0.28	0	0	0	0	0	0
11/24/2023 18:50	57401 SPAN_T1	0	0	0	0	0	0	-0.79	-0.77	1	1	0	600	600	0
11/24/2023 18:50	59102 WALK_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/24/2023 18:51	42801 SELI_T1	1	1	0	0	0	0	0	0	0	0	0	0	0	0
11/24/2023 18:51	46203 DANV_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/24/2023 18:51	42201 SHEN_T2	0	0	0	0	0	0	0.67	0.7	0	0	0	0	0	0
11/24/2023 18:51	45002 LIME_2	3	0	-3	0.1	0	-0.1	0	0	0	0	0	0	0	0
11/24/2023 18:51	47401 PENS_T1	0	0	0	0	0	0	0.57	0.55	0	0	0	0

11/24/2023 18:53	20401 ASHF_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
11/24/2023 18:53	42801 SELI_T1	1	1	0	0	0	0	0	0	0	0	0	0	0
11/24/2023 18:53	55101 WERT_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
11/24/2023 18:53	45402 WBLO_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
11/24/2023 18:53	46203 DANV_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
11/24/2023 18:53	64802 MONE_T2	0	0	0	0	0	0	-0.02	-0.03	0	0	0	0	0
11/24/2023 18:53	45003 LIME_2	1	1	0	3.2	3.2	0	0	0	0	0	0	0	0
11/24/2023 18:53	45802 HEGI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
11/24/2023 18:53	55001 NEWP_T1	0	1	1	0	0.3	0.3	0	0	0	0	0	0	0
11/24/2023 18:53	55101 WERT_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
11/24/2023 18:53	56802 BENV_T2	3	3	0	0.27	0.37	0.1	-1.34	-1.43	0	0	0	0	0
11/24/2023 18:54	45002 LIME_2	3	0	-3	0.1	0	-0.1	0	0	0	0	0	0	0
11/24/2023 18:54	43401 BENT_T1	15	18	3	1.32	0.66	-0.66	0	0	0	0	0	0	0
11/24/2023 18:54	45802 HEGI_T2	0	0	0	0	0	0	0.82	0.82	0	0	0	0	0
11/24/2023 18:54	43304 WATS_T2	0	0	0	0	0	0	-0.68	-0.66	0	0	0	0	0
11/24/2023 18:54	20401 ASHF_T2	1	2	1	0.2	0	-0.2	0	0	0	0	0	0	0
11/24/2023 18:54	42801 SELI_T1	1	1	0	0	0	0	0	0	0	0	0	0	0
11/24/2023 18:54	61801 EELI_T2	1	2	1	0.2	0.2	0	-0.99	-1.04	1	1	0	600	600
11/24/2023 18:54	53903 HALI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
11/24/2023 18:54	45902 AUBU_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
11/24/2023 18:54	56802 BENV_T2	3	3	0	0.27	0.37	0.1	-1.34	-1.43	0	0	0	0	0
11/24/2023 18:54	58401 MORO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
11/24/2023 18:54	57403 SPAN_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
11/24/2023 18:54	64101 REFR_T1	0	0	0	0	0	0	-0.1	-0.1	0	0	0	0	0
11/24/2023 18:54	54505 ENOL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
11/24/2023 18:54	43202 MVIL_T2	0	0	0	0	0	0	-0.65	-0.64	0	0	0	0	0
11/24/2023 18:55	45003 LIME_2	1	1	0	3.2	3.2	0	0	0	0	0	0	0	0
11/24/2023 18:55	54505 ENOL_T2	1	1	0	0.3	0.3	0	0	0	0	0	0	0	0
11/24/2023 18:55	57401 SPAN_T1	0	0	0	0	0	0	-0.79	-0.77	1	1	0	600	600
11/24/2023 18:55	52501 PROG_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
11/24/2023 18:55	57401 SPAN_T1	0	0	0	0	0	0	-0.79	-0.77	1	1	0	600	600
11/24/2023 18:55	41801 GOCI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
11/24/2023 18:55	45702 LIND_T2	1	27	26	2.1	0.22	-1.88	-0.57	-0.56	0	0	0	0	0
11/24/2023 18:55	43302 WATS_T2	4	4	0	0.48	0.45	-0.03	0	0	0	0	0	0	0
11/24/2023 18:55	58003 WCAR_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
11/24/2023 18:56	43301 WATS_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
11/24/2023 18:56	67002 STHI_T2	1	1	0	0.1	0.1	0	0.57	0.56	0	0	0	0	0
11/24/2023 18:56	55003 NEWP_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
11/24/2023 18:56	52403 GRPA_T2	6	12	6	0.27	0.23	-0.04	0.04	0.04	0	0	0	0	0
11/24/2023 18:56	43302 WATS_T2	4	4	0	0.48	0.45	-0.03	0	0	0	0	0	0	0
11/24/2023 18:56	54505 ENOL_T2	1	1	0	0.3	0.3	0	0	0	0	0	0	0	0
11/24/2023 18:56	58401 MORO_T1	0	0	0	0	0	0	-1.03	-1.05	1	1	0	600	600
11/24/2023 18:56	46001 BERW_T1	0	0	0	0	0	0	0.68	0.68	0	0	0	0	0
11/24/2023 18:56	56802 BENV_T2	3	3	0	0.27	0.37	0.1	-1.43	-1.39	0	0	0	0	0
11/24/2023 18:56	64101 REFR_T1	0	0	0	0	0	0	-0.05	-0.05	0	0	0	0	0
11/24/2023 18:57	59101 WALK_T2	1	1	0	0	0	0	-1.08	-1.02	0	0	0	0	0
11/24/2023 18:57	54503 ENOL_T2	0	0	0	0	0	0	-1.06	-1.03	1	1	0	600	600
11/24/2023 18:57	56802 BENV_T2	3	3	0	0.27	0.37	0.1	-1.43	-1.39	0	0	0	0	0
11/24/2023 18:57	40602 PIGR_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
11/24/2023 18:57	58402 MORO_T1	1	3	2	0.4	0.9	0.5	-0.98	-0.99	2	2	0	1500	1500
11/24/2023 18:58	66703 STRA_T1	1	0	-1	0.4	0	-0.4	-0.25	-0.26	0	0	0	0	0
11/24/2023 18:59	43302 WATS_T2	4	4	0	0.48	0.45	-0.03	0	0	0	0	0	0	0
11/24/2023 18:59	53901 HALI_T2	0	1	1	0	0.1	0.1	0	0	0	0	0	0	0
11/24/2023 18:59	52402 GRPA_T2	6	6	0	0.92	0.88	-0.04	0	0	0	0	0	0	0
11/24/2023 18:59	53302 GRAT_T2	50	45	-5	0.38	0.47	0.09	0	0	0	0	0	0	0
11/24/2023 19:14	64204 KINZ_T1	1	1	0	1	0.8	-0.2	0	0	0	0	0	0	0
11/24/2023 19:15	42802 SELI_T1	0	0	0	0	0	0	-2.21	-2.19	1	1	0	900	900
11/24/2023 19:15	45003 LIME_2	1	5	4	2.7	2.9	0.2	0	0	1	1	0	1200	1200
11/24/2023 19:20	45002 LIME_2	0	0	0	0	0	0	0	0	0	0	0	0	0
11/24/2023 19:29	64204 KINZ_T1	1	1	0	0.8	0.8	0	0	0	0	0	0	0	0
11/24/2023 20:14	64203 KINZ_T1	0	0	0	0	0	0	-0.01	-0.06	0	0	0	0	0
11/24/2023 20:23	58401 MORO_T1	0	0	0	0	0	0	-1.1	-1.09	1	1	0	600	600
11/24/2023 20:29	64204 KINZ_T1	1	1	0	0.8	1	0.2	0	0	0	0	0	0	0
11/24/2023 21:14	64203 KINZ_T1	0	0	0	0	0	0	-0.04	-0.05	0	0	0	0	0
11/24/2023 21:29	64203 KINZ_T1	0	0	0	0	0	0	-0.05	-0.07	0	0	0	0	0
11/24/2023 22:14	64201 KINZ_T1	29	99	70	0.13	0.32	0.19	0	0	0	0	0	0	0
11/24/2023 22:29	64202 KINZ_T1	0	1	1	0	0.2	0.2	0	0	0	0	0	0	0
11/24/2023 23:14	64201 KINZ_T1	2	0	-2	0.1	0	-0.1	0	0	0	0	0	0	0
11/24/2023 23:29	64204 KINZ_T1	1	1	0	0.4	0.8	0.4	0	0	0	0	0	0	0
11/24/2023 23:54	64204 KINZ_T1	1	2	1	0.6	0.6	0	0	0	0	0	0	0	0
11/25/2023 0:28	62607 ENGL_T1	0	0	0	0	0	0	0.16	0.17	1	1	0	300	300
11/25/2023 0:28	10801 CHHI_T1	0	0	0	0	0	0	-1.53	-1.52	2	2	0	1500	1500
11/25/2023 0:28	66901 SHII_T2	0	0	0	0	0	0	-1.81	-1.81	1	1	0	1200	1200
11/25/2023 0:28	54505 ENOL_T2	1	1	0	0.2	0.2	0	0	0	0	0	0	0	0
11/25/2023 0:28	67001 STHI_T2	0	1	1	0	0.1	0.1	0	0	0	0	0	0	0
11/25/2023 0:28	17802 GILB_T1	0	0	0	0	0	0	-0.21	-0.2	0	0	0	0	0
11/25/2023 0:28	13901 SEID_T1	0	0	0	0	0	0	0.2	0.19	0	0	0	0	0
11/25/2023 0:28	44901 SCOT_T2	0	0	0	0	0	0	-0.54	-0.67	0	0	0	0	0
11/25/2023 0:28	56802 BENV_T2	0	0	0	0	0	0	-2.86	-2.9	0	0	0	0	0
11/25/2023 0:28	52404 GRPA_T2	2	2	0	0.35	0	-0.35	0	0	0	0	0	0	0
11/25/2023 0:28	62607 ENGL_T1	0	0	0	0	0	0	0.16	0.17	1	1	0	300	300
11/25/2023 0:28	47401 PENS_T1	1	3	2	0.1	0.17	0.07	0.45	0.47	0	0	0	0	0
11/25/2023 0:28	55003 NEWP_T2	7	7	0	0.22	0.28	0.06	-0.91	-0.88	1	1	0	600	600
11/25/2023 0:28	42802 SELI_T1	0	1	1	0	0.2	0.2	-2.36	-1.38	1	0	-1	900	0
11/25/2023 0:28	59101 WALK_T2	1	1	0	0	0	0	-0.68	-0.68	0	0	0	0	0
11/25/2023 0:28	43304 WATS_T2	0	0	0	0	0	0	-0.4	-0.39	0	0	0	0	0
11/25/2023 0:28	67502 WEWI_T2	0	0	0	0	0	0	-1.53	-1.55	1	0	-1	900	0
11/25/2023 0:28	56501 ROCK_T2	1	2	1	0.5	0.7	0.2	-0.88	-0.89	0	0	0	0	0
11/25/2023 0:28	43201 MVIL_T2	0	0	0	0	0	0	-0.38	-0.38	0	0	0	0	0
11/25/2023 0:28	64101 REFR_T1	0	0	0	0	0	0	0.18	0.22	0	0	0	0	0
11/25/2023 0:53	65001 NEFF_T2	0	3	3	0	0.1	0.1	-1.44	-1.44	1	1	0	1200	1200
11/25/2023 1:31	54502 ENOL_T2	0	0	0	0	0	0	-2.01	-2.01	1	1	0	600	600
11/25/2023 2:06	65001 NEFF_T2	4	5	1	0.18	0.1	-0.08	-1.44	-1.48	1	1	0	1200	1200
11/25/2023 3:50	65001 NEFF_T2	0	1	1	0	0	0	0	0	0	0	0	0	0
11/25/2023 7:53	43402 BENT_T1	0	0	0	0	0	0	-1.48	-1.51	2	2	0	1500	1500
11/25/2023 7:54	45501 DERR_T2	1	1	0	0.8	0.9	0.1	0.13	0.25	1	1	0	600	600
11/25/2023 7:56	45501 DERR_T2	1	1	0	0.8	0.9	0.1	0.25	0.14	1	1	0	600	600
11/25/2023 7:56	43402 BENT_T1	0	0	0	0	0	0	-1.51	-1.5	2	2	0	1500	1500
11/25/2023 8:01	25402 LAHA_T2	9	19	10	0.64	0.32	-0.32	-0.72	-0.7	0	0	0	0	0
11/25/2023 8:10	43402 BENT_T1	0	0	0	0	0	0	-1.51	-1.5	2	2	0	1500	1500
11/25/2023 8:21	49804 UNIV_T1	1	1	0	1.6	0.3	-1.3	0	0	0	0	0	0	0
11/25/2023 8:26	52401 GRPA_T2	1	1	0	0.2	0	-0.2	0	0	0	0	0	0	0
11/25/2023 8:29	43402 BENT_T1	0	0	0	0	0	0	-1.52	-1.51	2	2	0	1500	1500
11/25/2023 8:31	40101 HUNT_T2	6	28	22	0.23	0.28	0.05	-0.55	-0.54	0	0	0	0	0
11/25/2023 8:38	45902 AUBU_T1	1	1	0	0.3	0.9	0.6	0	0	0	0	0	0	0
11/25/2023 8:47	55002 NEWP_T1	0	0	0	0	0	0	-0.16	-0.17	0	0	0	0	0
11/25/2023 8:49	54701 NEBL_T1	0	1	1	0	0	0	0	0	1	1	0	600	600
11/25/2023 8:50	65001 NEFF_T2	0	0	0	0	0	0	-1.23	-1.25	1	1	0	1200	1200
11/25/2023 8:51	54701 NEBL_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
11/25/2023 8:51	13901 SEID_T1	0	0	0	0	0	0	0.3	0.31	0	0	0	0	0
11/25/2023 9:00	47101 MARL_T1	3	0	-3	0.6	0	-0.6	-0.75	-0.77	1	1	0	600	600
11/25/2023 9:00	67503 WEWI_T2	0	0	0	0	0	0	-0.03	-0.05	0	0	0	0	0
11/25/2023 9:00	53903 HALI_T2	0	0	0	0	0	0	-0.3	-0.31	0	0	0	0	0
11/25/2023 9:00	58402 MORO_T1	0	0	0	0	0	0	-2.33	-2.33	3	3	0	2400	2400
11/25/2023 9:00	52503 PROG_T2	0	0	0	0	0	0	-0.57	-0.54	1	1	0	900	900
11/25/2023 9:00	47401 PENS_T1	0	1	1	0	0.2	0.2	1.71	1.67	0	0	0	0	0
11/25/2023 9:00	56504 ROCK_T2	1	0	-1	0.6	0	-0.6	-0.03	-0.17	0	0	0	0	0
11/25/2023 9:01	67001 STHI_T2	1	1	0	0.2	0.2	0	0	0	0	0	0	0	0
11/25/2023 9:07	13901 SEID_T1	0	0	0	0	0	0	0.31	0.3	0	0	0	0	0
11/25/2023 9:08	49803 UNIV_T1	0	0	0	0	0	0	-1.01	-1.08	0	0	0	0	0
11/25/2023 9:11	45501 DERR_T2	0	0	0	0	0	0	0.12	0.1	1	1	0	600	600
11/25/2023 9:12	45501 DERR_T2	0	0	0	0	0	0	0.12	0.1	1	1	0	600	600
11/25/2023 9:13	52401 GRPA_T2	0	1	1	0	0	0	0	0	0	0	0	0	0
11/25/2023 9:14	52401 GRPA_T2	0	1	1	0	0	0	0	0	0	0	0	0	0
11/25/2023 9:16	52403 GRPA_T2	11	47	36	0.53	0.42	-0.11	-0.01	-0.01	0	0	0	0	0
11/25/2023 9:17	54701 NEBL_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
11/25/2023 9:18	55002 NEWP_T1	0	0	0	0	0	0	-0.18	-0.18	0	0	0	0	0
11/25/2023 9:21	13704 SCHN_T2	0	2	2	0	0.15	0.15	-0.81	-0.81	0	0	0	0	0
11/25/2023 9:22	24902 WHHA_T1	1	0	-1	0.3	0	-0.3	0.64	0.65	0	0	0	0	0
11/25/2023 9:22	13704 SCHN_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
11/25/2023 9:23	43401 BENT_T1	3	4	1	0.2	0	-0.2	0	0	0	0	0	0	0
11/25/2023 9:24	24902 WHHA_T1	1	0	-1	0.3	0	-0.3	0.64	0.65	0	0	0	0	0
11/25/2023 9:27	52401 GRPA_T2	0	1	1	0	0	0	0	0	0	0	0	0	0
11/25/2023 9:28	59301 MCAL_T1	3	7	4	0.3	0.44	0.14	0	0	0	0	0	0	0
11/25/2023 9:29	64204 KINZ_T1	1	1	0	1.3	1	-0.3	0	0	0	0	0	0	0
11/25/2023 9:29	43401 BENT_T1	3	4	1	0.2	0	-0.2	0	0	0	0	0	0	0
11/25/2023 9:32	41801 GOCI_T2	0	1	1	0	0	0	0	0	0	0	0	0	0
11/25/2023 9:32	29402 BELT_T1	1	1	0	6.4	6.4	0	0	0	0	0	0	0	0
11/25/2023 9:33	42201 SHEN_T2	0	0	0	0	0	0	0.01	0.03	1	1	0	600	600
11/25/2023 9:36	56801 BENV_T1	14	16	2	0.38	0.52	0.14	-0.58	-0.64	1	1	0	600	600
11/25/2023 9:37	43304 WATS_T2	0	1	1	0	0	0	-1.37	-1.4	0	0	0	0	0
11/25/2023 9:38	43302 WATS_T2	0	4	4	0	0.18	0.18	0	0	0	0	0	0	0
11/25/2023 9:38	56801 BENV_T1	14	16	2	0.38	0.52	0.14	-0.58	-0.64	1	1	0	600	600
11/25/2023 9:39	56801 BENV_T1	14	16	2	0.38	0.52	0.14	-1.16	-1.28	2	2	0	1200	1200
11/25/2023 9:39	43001 ALWD_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
11/25/2023 9:40	56801 BENV_T1	14	16	2	0.38	0.52	0.14	-1.16	-1.28	2	2	0	1200	1200
11/25/2023 9:40	40201 BEGA_T2	2	3	1	0.5	0.6	0.1	0	0	0	0	0	0	0
11/25/2023 9:41	46203 DANV_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
11/25/2023 9:41	40201 BEGA_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
11/25/2023 9:41	56801 BENV_T1	14	16	2	0.38	0.52	0.14	-1.28	-1.26	2	2	0	1200	1200
11/25/2023 9:41	29402 BELT_T1	1	1	0	6.4	6.4	0	0	0	0	0	0	0	0
11/25/2023 9:42	46203 DANV_T2	0	0	0	0	0	0	-1.22	-1.21	0	0	0	0	0
11/25/2023 9:43	46204 DANV_T2	0	1	1	0	0	0	0	0	0	0	0	0	0
11/25/2023 9:45	52402 GRPA_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
11/25/2023 9:47	41901 REED_T1	3	3	0	0.43	0.37	-0.06	0	0	0	0	0	0	0
11/25/2023 9:47	47401 PENS_T1	1	1	0	2	2.3	0.3	0	0	0	0	0	0	0
11/25/2023 9:48	65901 SAXR_T2	1	1	0	8.4	8.6	0.2	-1.19	-1.39	1	1	0	900	900
11/25/2023 9:48	41902 REED_T1	9	6	-3	0.77	0	-0.77	0.91	0.9	0	0	0	0	0
11/25/2023 9:49	43304 WATS_T2	1	0	-1	0.2	0	-0.2	0	0	0	0	0	0	0
11/25/2023 9:49	64101 REFR_T1	0	0	0	0	0	0	-0.03	-0.04	0	0	0	0	0
11/25/2023 9:50	47403 PENS_T1	1	1	0	2	2.3	0.3	0	0	0	0	0	0	0
11/25/2023 9:51	43302 WATS_T2	0	4	4	0	0.18	0.18	0	0	0	0	0	0	0
11/25/2023 9:53	43304 WATS_T2	1	0	-1	0.2	0	-0.2	0	0	0	0	0	0	0
11/25/2023 9:54	43302 WATS_T2	0	4	4	0	0.18	0.18	0	0	0	0	0	0	0
11/25/2023 9:58	17802 GILB_T1	1	0	-1	0.6	0	-0.6	-0.14	0	0	0	0	0	0
11/25/2023 10:01	26401 INOR_T1	0	0	0	0	0	0	0.41	0.5	0	0	0	0	0
11/25/2023 10:03	57401 SPAN_T1	0	0	0	0	0	0	-1.04	-1.03	1	1	0	600	600
11/25/2023 10:04	66504 SMAN_T2	0	0	0	0	0	0	-1.88	-1.88	1	1	0	1200	1200
11/25/2023 10:06	45902 AUBU_T1	1	0	-1	0.2	0	-0.2	-0.41	-0.49	0	0	0	0	0
11/25/2023 10:07	45902 AUBU_T1	1	0	-1	0.2	0	-0.2	0	0	0	0	0	0	0
11/25/2023 10:07	45901 AUBU_T1	0	0	0	0	0	0	0.99	0.96	0	0	0	0	0
11/25/2023 10:07	42201 SHEN_T2	0	0	0	0	0	0	0.02	0.02	1	1	0	600	600
11/25/2023 10:07	57401 SPAN_T1	0	0	0	0	0	0	-1.04	-1.03	1	1	0	600	600
11/25/2023 10:08	46203 DANV_T2	0	0	0	0	0	0	-1.21	-1.22	0	0	0	0	0
11/25/2023 10:08	57401 SPAN_T1	0	0	0	0	0	0	-2.08	-2.06	2	2	0	1200	1200
11/25/2023 10:09	45902 AUBU_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
11/25/2023 10:09	10801 CHHI_T1	1	1	0	0.2	0.4	0.2	-1.46	-1.42	2	2	0	1500	1500
11/25/2023 10:09	43302 WATS_T2	4	4	0	0.48	0.15	-0.03	0	0	0	0	0	0	0
11/25/2023 10:11	45902 AUBU_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
11/25/2023 10:12	26401 INOR_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
11/25/2023 10:13	52402 GRPA_T2	6	6	0	0.6	0.95	0.35	0	0	0	0	0	0	0
11/25/2023 10:15	50106 HARR_T3	1	1	0	0	0	0	0	0	0	0	0	0	0
11/25/2023 10:15	43201 MVIL_T2	0	0	0	0	0	0	-1.3	-1.3	0	0	0	0	0
11/25/2023 10:15	46801 HEPB_T2	0	1	1	0	0.1	0.1	0.63	0.61	0	0	0	0	0
11/25/2023 10:16	52403 GRPA_T2	44	21	-23	0.49	0.45	-0.04	-0.02	-0.05	0	0	0	0	0
11/25/2023 10:16	65001 NEFF_T2	0	0	0	0	0	0	-1.35	-1.18	1	1	0	1200	1200
11/25/2023 10:18	59302 MCAL_T1	2	1	-1	0.5	0.4	-0.1	-0.37	-0.38	1	1	0	600	600
11/25/2023 10:18	64101 REFR_T1	0	0	0	0	0	0	-0.05	-0.07	0	0	0	0	0
11/25/2023 10:19	64101 REFR_T1	0	0	0	0	0	0	-0.03	-0.04	0	0

Appendix C - Grid Benefits Achieved in Each Instance of Active Management

11/25/2023 10:43	52004 LING_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/25/2023 10:44	45802 HEGI_T2	0	0	0	0	0	0	0.21	0.73	0	0	0	0	0	0
11/25/2023 10:46	64101 REFR_T1	0	0	0	0	0	0	-0.04	-0.1	0	0	0	0	0	0
11/25/2023 10:47	64101 REFR_T1	0	0	0	0	0	0	-0.04	-0.1	0	0	0	0	0	0
11/25/2023 10:47	40602 PIGR_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/25/2023 10:48	40602 PIGR_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/25/2023 10:49	44901 SCOT_T2	2	2	0	0.7	0.75	0.05	-0.29	-0.19	0	0	0	0	0	0
11/25/2023 10:50	64101 REFR_T1	0	0	0	0	0	0	-0.04	-0.1	0	0	0	0	0	0
11/25/2023 10:51	43302 WATS_T2	2	4	2	0.15	0.2	0.05	0	0	0	0	0	0	0	0
11/25/2023 10:51	44901 SCOT_T2	2	2	0	0.7	0.75	0.05	-0.29	-0.19	0	0	0	0	0	0
11/25/2023 10:51	56501 ROCK_T2	1	2	1	0.3	0	-0.3	-1.49	-1.49	0	0	0	0	0	0
11/25/2023 10:51	13701 SCHN_T2	0	1	1	0	0.1	0.1	0	0	0	0	0	0	0	0
11/25/2023 10:51	57401 SPAN_T1	0	0	0	0	0	0	-1.03	-1	1	1	0	600	600	0
11/25/2023 10:52	67503 WEWI_T2	0	0	0	0	0	0	-0.2	-0.32	0	0	0	0	0	0
11/25/2023 10:52	43302 WATS_T2	2	4	2	0.15	0.2	0.05	0	0	0	0	0	0	0	0
11/25/2023 10:52	57401 SPAN_T1	0	0	0	0	0	0	-1.03	-1	1	1	0	600	600	0
11/25/2023 10:52	64101 REFR_T1	0	0	0	0	0	0	-0.04	-0.1	0	0	0	0	0	0
11/25/2023 10:53	66701 STRA_T1	1	1	0	0.5	0.7	0.2	0	0	0	0	0	0	0	0
11/25/2023 10:55	60201 ATGL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/25/2023 11:01	45702 LIND_T2	0	0	0	0	0	0	-0.44	-0.43	0	0	0	0	0	0
11/25/2023 11:01	64801 MONE_T2	0	0	0	0	0	0	-0.61	0.33	0	0	0	0	0	0
11/25/2023 11:01	55001 NEWP_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/25/2023 11:02	52006 LING_T2	3	3	0	0.37	0.53	0.16	0	0	0	0	0	0	0	0
11/25/2023 11:03	55002 NEWP_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/25/2023 11:04	55002 NEWP_T1	6	7	1	0.47	0.61	0.14	-0.15	-0.15	0	0	0	0	0	0
11/25/2023 11:04	44601 SALE_T2	0	1	1	0	0.1	0.1	-0.22	-0.21	0	0	0	0	0	0
11/25/2023 11:05	43304 WATS_T2	0	0	0	0	0	0	-0.7	-0.61	0	0	0	0	0	0
11/25/2023 11:05	59101 WALK_T2	1	11	10	0	0	0	0.64	0.98	0	0	0	0	0	0
11/25/2023 11:05	44601 SALE_T2	0	1	1	0	0.1	0.1	-0.22	-0.21	0	0	0	0	0	0
11/25/2023 11:07	43304 WATS_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/25/2023 11:07	42701 AUGU_T1	0	0	0	0	0	0	0	0	2	2	0	1800	1800	0
11/25/2023 11:08	59102 WALK_T2	1	0	-1	0.2	0	-0.2	0	0	0	0	0	0	0	0
11/25/2023 11:08	43304 WATS_T2	0	0	0	0	0	0	-1.4	-1.21	0	0	0	0	0	0
11/25/2023 11:08	60803 BUCK_T1	0	4	4	0	0.4	0.4	-1.38	-1.42	1	1	0	600	600	0
11/25/2023 11:09	60803 BUCK_T1	0	4	4	0	0.4	0.4	-1.38	-1.42	1	1	0	600	600	0
11/25/2023 11:10	42701 AUGU_T1	0	0	0	0	0	0	0	0	2	2	0	1800	1800	0
11/25/2023 11:10	61801 EELI_T2	0	0	0	0	0	0	-0.97	-0.98	1	1	0	600	600	0
11/25/2023 11:12	40101 HUNT_T2	0	1	1	0	0	0	-0.58	-0.56	0	0	0	0	0	0
11/25/2023 11:13	40101 HUNT_T2	0	1	1	0	0	0	-0.58	-0.56	0	0	0	0	0	0
11/25/2023 11:16	40101 HUNT_T2	1	0	-1	0.2	0	-0.2	-0.58	-0.56	0	0	0	0	0	0
11/25/2023 11:17	47403 PENS_T1	5	5	0	0.64	0.8	0.16	0	0	0	0	0	0	0	0
11/25/2023 11:17	55002 NEWP_T1	4	8	4	0.85	0.59	-0.26	-0.15	-0.16	0	0	0	0	0	0
11/25/2023 11:17	39601 LNFD_T1	0	0	0	0	0	0	0	0	1	1	0	900	900	0
11/25/2023 11:17	65001 NEFF_T2	0	0	0	0	0	0	-1.3	-1.23	1	1	0	1200	1200	0
11/25/2023 11:18	45001 LIME_2	2	4	2	0.65	0.45	-0.2	0	0	0	0	0	0	0	0
11/25/2023 11:19	55001 NEWP_T1	1	1	0	0.1	0	-0.1	0	0	0	0	0	0	0	0
11/25/2023 11:20	55002 NEWP_T1	4	8	4	0.85	0.59	-0.26	-0.15	-0.16	0	0	0	0	0	0
11/25/2023 11:21	55105 WERT_T1	0	0	0	0	0	0	-0.64	-0.63	1	1	0	900	900	0
11/25/2023 11:21	47403 PENS_T1	5	5	0	0.64	0.8	0.16	0	0	0	0	0	0	0	0
11/25/2023 11:22	55002 NEWP_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/25/2023 11:23	27502 WEIS_T2	0	0	0	0	0	0	-0.5	-0.54	0	0	0	0	0	0
11/25/2023 11:23	51102 CARL_T1	0	6	6	0	0.15	0.15	0	0	0	0	0	0	0	0
11/25/2023 11:23	59101 WALK_T2	1	11	10	0	0.2	0.2	0.98	1.31	0	0	0	0	0	0
11/25/2023 11:24	51102 CARL_T1	0	6	6	0	0.15	0.15	0	0	0	0	0	0	0	0
11/25/2023 11:24	59101 WALK_T2	1	11	10	0	0.2	0.2	0.98	1.31	0	0	0	0	0	0
11/25/2023 11:26	61801 EELI_T2	0	0	0	0	0	0	-1	-0.34	1	1	0	600	600	0
11/25/2023 11:33	57401 SPAN_T1	0	0	0	1	0	0	-1.06	-0.83	1	1	0	600	600	0
11/25/2023 11:33	13704 SCHN_T2	3	3	0	0.17	0.13	-0.04	-1.64	-1.71	0	0	0	0	0	0
11/25/2023 11:33	48302 ORWI_T2	2	2	0	1.2	1.5	0.3	-0.41	-0.5	0	0	0	0	0	0
11/25/2023 11:34	13904 SEID_T1	0	15	15	0	0	0	0	0	0	0	0	0	0	0
11/25/2023 11:34	65001 NEFF_T2	0	0	0	0	0	0	-1.23	-1.24	1	1	0	1200	1200	0
11/25/2023 11:35	40603 PIGR_T1	0	2	2	0	0.15	0.15	0.36	0.38	0	0	0	0	0	0
11/25/2023 11:35	67502 WEWI_T2	4	4	0	0.25	0.5	0.25	-2.81	-2.88	2	2	0	1800	1800	0
11/25/2023 11:36	55105 WERT_T1	0	0	0	0	0	0	-0.63	-0.64	1	1	0	900	900	0
11/25/2023 11:37	57401 SPAN_T1	0	0	0	0	0	0	-2.11	-1.66	2	2	0	1200	1200	0
11/25/2023 11:37	56801 BENV_T1	20	29	9	0.83	0.46	-0.37	-0.75	-0.73	1	1	0	600	600	0
11/25/2023 11:37	12202 FOGE_T2	0	0	0	0	0	0	0	0	1	1	0	600	600	0
11/25/2023 11:37	57401 SPAN_T1	0	0	0	0	0	0	-2.11	-1.66	2	2	0	1200	1200	0
11/25/2023 11:37	56802 BENV_T2	2	2	0	0.25	0.25	0	-2.73	-2.74	0	0	0	0	0	0
11/25/2023 11:38	57403 SPAN_T1	1	2	1	0.2	0.4	0.2	0.09	0.12	0	0	0	0	0	0
11/25/2023 11:39	56803 BENV_T1	2	2	0	1	0.7	-0.3	0	0	0	0	0	0	0	0
11/25/2023 11:39	67503 WEWI_T2	0	0	0	0	0	0	-0.33	-0.33	0	0	0	0	0	0
11/25/2023 11:39	67503 WEWI_T2	0	0	0	0	0	0	-0.33	-0.33	0	0	0	0	0	0
11/25/2023 11:39	56802 BENV_T2	2	2	0	0.25	0.25	0	-1.37	-1.37	0	0	0	0	0	0
11/25/2023 11:40	56801 BENV_T1	20	29	9	0.83	0.46	-0.37	-0.75	-0.73	1	1	0	600	600	0
11/25/2023 11:40	48901 FOSP_T2	0	0	0	0	0	0	-0.45	-0.43	1	1	0	600	600	0
11/25/2023 11:41	56803 BENV_T1	2	2	0	1	0.7	-0.3	0	0	0	0	0	0	0	0
11/25/2023 11:41	56802 BENV_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/25/2023 11:42	56802 BENV_T2	2	2	0	0.25	0.25	0	-1.37	-1.33	0	0	0	0	0	0
11/25/2023 11:42	48901 FOSP_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/25/2023 11:44	48901 FOSP_T2	0	0	0	0	0	0	-0.43	-0.44	1	1	0	600	600	0
11/25/2023 11:44	28403 HART_T2	0	0	0	0	0	0	-0.89	-0.87	1	1	0	900	900	0
11/25/2023 11:44	45003 LIME_2	1	1	0	4.1	4.4	0.3	0	0	1	1	0	1200	1200	0
11/25/2023 11:45	27101 GFLD_T2	1	1	0	2.8	1.1	-1.7	0.32	0.31	0	0	0	0	0	0
11/25/2023 11:45	48901 FOSP_T2	0	0	0	0	0	0	-0.43	-0.44	1	1	0	600	600	0
11/25/2023 11:48	64801 MONE_T2	0	0	0	0	0	0	0.3	0.31	0	0	0	0	0	0
11/25/2023 11:48	13704 SCHN_T2	3	0	-3	0.13	0	-0.13	-1.71	-0.64	0	0	0	0	0	0
11/25/2023 11:48	57403 SPAN_T1	1	1	0	0.4	0.3	-0.1	0.12	0.12	0	0	0	0	0	0
11/25/2023 11:49	56802 BENV_T2	1	2	1	0.1	0.25	0.15	-1.37	-1.33	0	0	0	0	0	0
11/25/2023 11:49	13704 SCHN_T2	3	0	-3	0.13	0	-0.13	-0.86	-0.32	0	0	0	0	0	0
11/25/2023 11:49	57401 SPAN_T1	0	0	0	0	0	0	-1.66	-1.85	2	2	0	1200	1200	0
11/25/2023 11:50	67502 WEWI_T2	3	5	2	0.47	0.42	-0.05	-1.44	-1.38	1	1	0	900	900	0
11/25/2023 11:50	67502 WEWI_T2	3	5	2	0.47	0.42	-0.05	-1.44	-1.38	1	1	0	900	900	0
11/25/2023 11:50	13904 SEID_T1	1	15	14	0.9	0	-0.9	0	0	0	0	0	0	0	0
11/25/2023 11:51	46002 BERW_T2	1	0	-1	0.1	0	-0.1	0	0	0	0	0	0	0	0
11/25/2023 11:51	67502 WEWI_T2	3	5	2	0.47	0.42	-0.05	-2.88	-2.76	2	2	0	1800	1800	0
11/25/2023 11:51	63601 LETO_T1	0	0	0	0	0	0	1.07	1.03	1	1	0	900	900	0
11/25/2023 11:51	45902 AUBU_T1	1	1	0	0.9	1.3	0.4	-0.43	-0.4	0	0	0	0	0	0
11/25/2023 11:51	54206 PENN_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/25/2023 11:51	52502 PROG_T2	1	0	-1	0.3	0	-0.3	-0.6	0.32	1	0	-1	900	0	-900
11/25/2023 11:52	45901 AUBU_T1	0	0	0	0	0	0	1.01	1	0	0	0	0	0	0
11/25/2023 11:52	45901 AUBU_T1	0	0	0	0	0	0	1.01	1	0	0	0	0	0	0
11/25/2023 11:52	57403 SPAN_T1	1	1	0	0.4	0.3	-0.1	0	0	0	0	0	0	0	0
11/25/2023 11:52	55105 WERT_T1	0	0	0	0	0	0	-0.64	-0.59	1	1	0	900	900	0
11/25/2023 11:53	57401 SPAN_T1	0	0	0	0	0	0	-0.83	-0.92	1	1	0	600	600	0
11/25/2023 11:53	66901 SHIL_T2	5	17	12	0.22	0.18	-0.04	-1.77	-1.79	1	1	0	1200	1200	0
11/25/2023 11:53	57401 SPAN_T1	0	0	0	0	0	0	-0.83	-0.92	1	1	0	600	600	0
11/25/2023 11:53	20403 ASHF_T2	0	3	3	0	0.13	0.13	0.28	0.24	0	0	0	0	0	0
11/25/2023 11:54	67502 WEWI_T2	3	5	2	0.47	0.42	-0.05	-1.44	-1.38	1	1	0	900	900	0
11/25/2023 11:54	51108 CARL_T1	3	2	-1	0.17	0.15	-0.02	0	0	0	0	0	0	0	0
11/25/2023 11:54	45902 AUBU_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/25/2023 11:55	45003 LIME_2	1	1	0	4	4.4	0.4	0	0	1	1	0	1200	1200	0
11/25/2023 11:55	51107 CARL_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/25/2023 11:56	20403 ASHF_T2	0	3	3	0	0.13	0.13	0.24	0.26	0	0	0	0	0	0
11/25/2023 11:56	51108 CARL_T1	3	2	-1	0.17	0.15	-0.02	0	0	0	0	0	0	0	0
11/25/2023 11:57	45902 AUBU_T1	1	1	0	0.9	1.3	0.4	-0.4	-0.44	0	0	0	0	0	0
11/25/2023 12:00	28403 HART_T2	0	0	0	0	0	0	-0.87	-0.89	1	1	0	900	900	0
11/25/2023 12:02	45003 LIME_2	1	1	0	4.4	4.7	0.3	0	0	1	1	0	1200	1200	0
11/25/2023 12:04	13704 SCHN_T2	0	0	0	0	0	0	-0.64	-0.66	0	0	0	0	0	0
11/25/2023 12:06	13901 SEID_T1	0	0	0	0	0	0	0.26	0.27	0	0	0	0	0	0
11/25/2023 12:08	55105 WERT_T1	0	0	0	0	0	0	-0.59	-0.61	1	1	0	900	900	0
11/25/2023 12:09	29401 BELT_T1	3	2	-1	0.13	0.1	-0.03	0	0	2	2	0	1800	1800	0
11/25/2023 12:09	13701 SCHN_T2	0	4	4	0	0.18	0.18	0	0	0	0	0	0	0	0
11/25/2023 12:09	29402 BELT_T1	2	1	-1	3.9	7.6	3.7	0	0	0	0	0	0	0	0
11/25/2023 12:10	51102 CARL_T1	4	2	-2	0.15	0.15	0	0	0	0	0	0	0	0	0
11/25/2023 12:11	51107 CARL_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/25/2023 12:12	64202 KINZ_T1	1	0	-1	0.2	0	-0.2	0	0	0	0	0	0	0	0
11/25/2023 12:15	45003 LIME_2	1	1	0	4.2	4.7	0.5	0	0	1	1	0	1200	1200	0
11/25/2023 12:15	54504 ENOL_T2	0	0	0	0	0	0	-1	-0.99	1	1	0	600	600	0
11/25/2023 12:15	40902 JESH_T1	0	0	0	0	0	0	-0.67	-0.71	0	0	0	0	0	0
11/25/2023 12:18	13302 ORVI_T2	0	1	1	0	1.6	1.6	0.59	0.63	0	0	0	0	0	0
11/25/2023 12:21	43401 BENT_T1	0	1	1	0	0.2	0.2	0	0	0	0	0	0	0	0
11/25/2023 12:21	56802 BENV_T2	2	2	0	0.1	0.5	0.4	-1.39	-1.39	0	0	0	0	0	0
11/25/2023 12:23	56802 BENV_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/25/2023 12:23	56801 BENV_T1	19	15	-4	0.56	0.51	-0.05	-0.73	-0.75	1	1	0	600	600	0
11/25/2023 12:24	20403 ASHF_T2	3	2	-1	0.13	0.4	0.27	0.26	0.25	0	0	0	0	0	0
11/25/2023 12:24	56802 BENV_T2	1	2	1	0.1	0.5	0.4	-4.17	-4.17	0	0	0	0	0	0
11/25/2023 12:25	56802 BENV_T2	1	2	1	0.1	0.5	0.4	-1.39	-1.39	0	0	0	0	0	0
11/25/2023 12:26	42102 FRAI_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/25/2023 12:26	56802 BENV_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/25/2023 12:27	51604 DUKE_T2	3	4	1	0.63	0.68	0.05	-1.67	-1.65	1	1	0	900	900	0
11/25/2023 12:29	64203 KINZ_T1	1	1	0	0.2	0.1	-0.1	0	-0.01	0	0	0	0	0	0
11/25/2023 12:31	58401 MORO_T1	0	2	2	0	0.25	0.25	0	0	0	0	0	0	0	0
11/25/2023 12:34	57401 SPAN_T1	0	0	0	0	0	0	-0.9	-0.92	1	1	0	600	600	0
11/25/2023 12:35	57403 SPAN_T1	0	2	2	0	0.35	0.35	0.07	0.06	0	0	0	0	0	0
11/25/2023 12:36	57401 SPAN_T1	0	0	0	0	0	0	-0.9	-0.92	1	1	0	600	600	0
11/25/2023 12:36	57401 SPAN_T1	0	0	0	0	0	0	-0.9	-0.92	1	1	0	600	600	0
11/25/2023 12:40	20403 ASHF_T2	1	3	2	0.2	0.27	0.07	0.25	0.26	0	0	0	0	0	0
11/25/2023 12:44	64204 KINZ_T1	0	1	1	0	0.4	0.4	0	0	0	0	0	0	0	0
11/25/2023 12:45	57401 SPAN_T1	0	0	0	0	0	0	-0.92	-0.96	1	1	0	600	600	0
11/25/2023 12:48	59302 MCAL_T1	3	5	2	0.57	0.54	-0.03	0	0	0	0	0	0	0	0
11/25/2023 12:57	65001 NEFF_T2	1	1	0	0.1	0.2	0.1	-1.32	-1.26	1	1	0	1200	1200	0
11/25/2023 13:00	46903 MNTG_T2	4	3	-1	0.5	0.6	0.1	-0.13	-0.14	1	1	0	600	600	0
11/25/2023 13:01	46901 MNTG_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/25/2023 13:03	13904 SEID_T1	11	0	-11	0.29	0	-0.29	0	0	0	0	0	0	0	0
11/25/2023 13:04	63203 MGTN_T1	0	0	0	0	0	0	-0.22	-0.24	1	1	0	600	600	0
11/25/2023 13:06	67202 TEHI_T2	0	1	1	0	0	0	0	0	0	0	0	0	0	0
11/25/2023 13:06	14402 SSLA_T1	0	1	1	0	0.2	0.2	0	0	0	0	0	0	0	0
11/25/2023 13:07	52501 PROG_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/25/2023 13:07	67204 TEHI_T2	0	0	0	0	0	0	-0.22	-0.25	0	0	0	0	0	0
11/25/2023 13:08	14402 SSLA_T1	0	1	1	0	0.2	0.2	0	0	0	0	0	0	0	0
11/25/2023 13:13	42102 FRAI_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/25/2023 13:14	48901 FOSP_T2	0	0	0	0	0	0	-0.46	-0.44	1	1	0	600	600	0
11/25/2023 13:19	13905 SEID_T1	0	1	1	0	0.3	0.3	0	0	0	0	0	0	0	0
11/25/2023 13:22	14402 SSLA_T1	0	1	1	0	0.2	0.2	0	0	0	0	0	0	0	0
11/25/2023 13:24	14402 SSLA_T1	0	1	1	0	0.2	0.2	0	0	0	0	0	0	0	0
11/25/2023 13:29	54505 ENOL_T2	1	1	0	0.7	0.9	0.2	0	0	0	0	0	0	0	0
11/25/2023 13:31	64201 KINZ_T1	18	11	-7	0.12	0.13	0.01	0	0	0	0	0	0	0	0
11/25/2023 13:37	56801 BENV_T1	18	25	7	0.43	0.4	-0.03	-0.76	-0.78	1	1	0	600	600	0
11/25/2023 13:37	56802 BENV_T2	6	3	-3	0.35	0.67	0.32	-1.37	-1.3	0	0	0	0	0	0
11/25/2023 13:38	56801 BENV_T1	18	25	7	0.43	0.4	-0.03	-0.76	-0.78	1	1	0	600	600	0
11/25/2023 13:38	56802 BENV_T2	6	3	-3	0.35	0.67	0.32	-1.37	-1.3	0	0	0	0	0	0
11/25/2023 13:39	43401 BENT_T1	1	6	5	0.4	0	-0.4	0	0	0	0	0	0	0	0
11/25/2023 13:40	56803 BENV_T1	5	1	-4	4.68	0.2	-4.48	0	0	0	0	0	0	0	0
11/25/2023 13:42	56802 BENV_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/25/2023 13:42	54505 ENOL_T2	1	1	0	0.8	0.9	0.1	0	0	0	0	0	0	0	0
11/25/2023 13:50	57403 SPAN_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/25/2023 13:50	14403 SSLA_T1	0	0	0	0	0	0	0.53	0.56	0	0	0	0	0	0
11/25/2023 13:51	67502 WEWI_T2	9	5	-4	0.37	0.44	0.07	-1.53	-1.47	1	1	0	900	900	0
11/25

11/25/2023 14:27	53903 HAU_T2	3	3	0	0.37	0.43	0.06	-0.24	-0.24	0	0	0	0	0	0
11/25/2023 14:28	63401 HONY_T1	3	3	0	0.13	0.13	0	-0.08	-0.09	0	0	0	0	0	0
11/25/2023 14:28	17804 GILB_T2	0	0	0	0	0	0	-0.52	-0.53	0	0	0	0	0	0
11/25/2023 14:28	40702 FFLD_T1	208	226	18	0.67	0.74	0.07	-1.3	-1.27	1	1	0	1200	1200	0
11/25/2023 14:29	64203 KINZ_T1	0	0	0	0	0	0	-0.09	-0.03	0	0	0	0	0	0
11/25/2023 14:30	26401 INOR_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/25/2023 14:30	53903 HAU_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/25/2023 14:30	17802 GILB_T1	0	0	0	0	0	0	0.2	0.24	0	0	0	0	0	0
11/25/2023 14:31	63401 HONY_T1	3	1	-2	0.13	0.2	0.07	-0.08	-0.09	0	0	0	0	0	0
11/25/2023 14:32	64101 REFR_T1	2	1	-1	1.1	1.4	0.3	-0.17	-0.14	0	0	0	0	0	0
11/25/2023 14:33	55002 NEWP_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/25/2023 14:33	65902 SAKR_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/25/2023 14:34	55001 NEWP_T1	1	1	0	0.4	0	-0.4	0	0	0	0	0	0	0	0
11/25/2023 14:35	57401 SPAN_T1	1	2	1	0.1	0.15	0.05	-0.96	-0.95	1	1	0	600	600	0
11/25/2023 14:35	42802 SELI_T1	1	1	0	0.4	0.2	-0.2	-4.48	-4.52	2	2	0	1800	1800	0
11/25/2023 14:35	57403 SPAN_T1	1	1	0	0.5	0.3	-0.2	0	0	0	0	0	0	0	0
11/25/2023 14:35	64101 REFR_T1	2	1	-1	1.1	1.4	0.3	-0.34	-0.28	0	0	0	0	0	0
11/25/2023 14:36	57401 SPAN_T1	1	2	1	0.1	0.15	0.05	0	0	0	0	0	0	0	0
11/25/2023 14:36	42802 SELI_T1	1	1	0	0.4	0.2	-0.2	-6.72	-6.78	3	3	0	2700	2700	0
11/25/2023 14:36	41902 REED_T1	0	0	0	0	0	0	0.94	0.93	0	0	0	0	0	0
11/25/2023 14:37	16302 ALPA_T2	0	0	0	0	0	0	0.55	0.54	0	0	0	0	0	0
11/25/2023 14:37	42802 SELI_T1	1	2	1	0.4	0.2	-0.2	-4.48	-4.52	2	2	0	1800	1800	0
11/25/2023 14:37	59201 THOM_T1	11	10	-1	0.28	0.3	0.02	0	0	0	0	0	0	0	0
11/25/2023 14:37	57403 SPAN_T1	1	1	0	0.5	0.3	-0.2	0.06	0.06	0	0	0	0	0	0
11/25/2023 14:37	64101 REFR_T1	2	1	-1	1.1	1.4	0.3	-0.17	-0.14	0	0	0	0	0	0
11/25/2023 14:37	45902 AUBU_T1	1	1	0	0.9	0.6	-0.3	-0.48	-0.49	0	0	0	0	0	0
11/25/2023 14:37	41901 REED_T1	11	10	-1	0.6	0.46	-0.14	0	0	0	0	0	0	0	0
11/25/2023 14:37	57401 SPAN_T1	1	2	1	0.1	0.15	0.05	-0.96	-0.95	1	1	0	600	600	0
11/25/2023 14:38	67502 WEWI_T2	4	1	-3	0.38	0.32	-0.06	-2.99	-3.08	2	2	0	1800	1800	0
11/25/2023 14:38	67503 WEWI_T2	0	0	0	0	0	0.1	-0.35	-0.35	0	0	0	0	0	0
11/25/2023 14:38	59101 WALK_T2	2	2	0	0.4	0.5	0.1	0.88	0.78	0	0	0	0	0	0
11/25/2023 14:39	42503 ALTA_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/25/2023 14:39	67502 WEWI_T2	4	5	1	0.38	0.32	-0.06	-1.5	-1.54	1	1	0	900	900	0
11/25/2023 14:40	45901 AUBU_T1	0	0	0	0	0	0	1	1.03	0	0	0	0	0	0
11/25/2023 14:40	16302 ALPA_T2	0	0	0	0	0	0	0.55	0.54	0	0	0	0	0	0
11/25/2023 14:40	42501 ALTA_T2	0	0	0	0	0	0	0	0.12	1	1	0	600	600	0
11/25/2023 14:40	45901 AUBU_T1	0	0	0	0	0	0	1	1.03	0	0	0	0	0	0
11/25/2023 14:40	64101 REFR_T1	2	1	-1	1.1	1.4	0.3	-0.17	-0.14	0	0	0	0	0	0
11/25/2023 14:41	42801 SELI_T1	1	1	0	0	0	0	0	0	0	0	0	0	0	0
11/25/2023 14:41	16302 ALPA_T2	0	0	0	0	0	0	0.54	0.57	0	0	0	0	0	0
11/25/2023 14:42	46803 HEPB_T2	2	2	0	0.1	0.1	0	0	0	0	0	0	0	0	0
11/25/2023 14:42	45902 AUBU_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/25/2023 14:43	40701 FFLD_T1	68	59	-9	0.65	0.65	0	0	0	0	0	0	0	0	0
11/25/2023 14:44	64201 KINZ_T1	57	3	-54	0.18	0.15	-0.03	0	0	0	0	0	0	0	0
11/25/2023 14:44	63401 HONY_T1	3	1	-2	0.13	0.2	0.07	-0.09	-0.18	0	0	0	0	0	0
11/25/2023 14:44	17804 GILB_T2	0	0	0	0	0	0	-0.53	-0.55	0	0	0	0	0	0
11/25/2023 14:45	26401 INOR_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/25/2023 14:45	53903 HAU_T2	3	2	-1	0.37	0.55	0.18	-0.24	-0.23	0	0	0	0	0	0
11/25/2023 14:46	63804 HEMP_T1	1	1	0	5.6	5.6	0	0	0	0	0	0	0	0	0
11/25/2023 14:49	55002 NEWP_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/25/2023 14:50	46004 BERW_T2	1	1	0	0.1	0	-0.1	-0.79	-0.75	0	0	0	0	0	0
11/25/2023 14:50	55001 NEWP_T1	0	1	1	0	0	0	0	0	0	0	0	0	0	0
11/25/2023 14:51	64101 REFR_T1	1	1	0	1	1.4	0.4	-0.28	-0.16	0	0	0	0	0	0
11/25/2023 14:51	67503 WEWI_T2	0	0	0	0	0	0	-0.35	-0.35	0	0	0	0	0	0
11/25/2023 14:51	59402 RFLD_T2	0	0	0	0	0	0	-0.81	-0.79	1	1	0	450	450	0
11/25/2023 14:52	67503 WEWI_T2	0	0	0	0	0	0	-0.35	-0.35	0	0	0	0	0	0
11/25/2023 14:53	29402 BELT_T1	1	1	0	7.7	7.7	0	0	0	0	0	0	0	0	0
11/25/2023 14:53	43301 WATS_T2	2	2	0	0.2	0.15	-0.05	0	0	0	0	0	0	0	0
11/25/2023 14:53	42601 TUSC_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/25/2023 14:56	55002 NEWP_T1	4	5	1	0.35	0.32	-0.03	-0.21	-0.23	0	0	0	0	0	0
11/25/2023 14:56	29401 BELT_T1	0	0	0	0	0	0	0	0	1	1	0	900	900	0
11/25/2023 14:56	28604 BLYT_T2	0	0	0	0	0	0	-1.34	-1.35	0	0	0	0	0	0
11/25/2023 15:00	47001 HUGH_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/25/2023 15:02	26401 INOR_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/25/2023 15:03	47001 HUGH_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/25/2023 15:07	42802 SELI_T1	1	0	-1	0.1	0	-0.1	-2.27	-2.33	1	1	0	900	900	0
11/25/2023 15:07	14403 SSLA_T1	0	0	0	0	0	0	0.59	0.58	0	0	0	0	0	0
11/25/2023 15:07	56801 BENV_T1	3	3	0	0.6	0.83	0.23	-0.76	-0.76	1	1	0	600	600	0
11/25/2023 15:08	42802 SELI_T1	1	0	-1	0.1	0	-0.1	-4.54	-4.65	2	2	0	1800	1800	0
11/25/2023 15:09	56801 BENV_T1	3	3	0	0.6	0.83	0.23	-0.76	-0.76	1	1	0	600	600	0
11/25/2023 15:09	14403 SSLA_T1	0	0	0	0	0	0	0.59	0.58	0	0	0	0	0	0
11/25/2023 15:10	56801 BENV_T1	3	3	0	0.6	0.83	0.23	-1.52	-1.52	2	2	0	1200	1200	0
11/25/2023 15:11	56801 BENV_T1	3	3	0	0.6	0.83	0.23	-2.28	-2.28	3	3	0	1800	1800	0
11/25/2023 15:12	56802 BENV_T2	1	1	0	0.6	0.7	0.1	-1.31	-1.33	0	0	0	0	0	0
11/25/2023 15:13	45001 LIME_2	3	17	14	0.13	0.15	0.02	0	0	0	0	0	0	0	0
11/25/2023 15:13	48901 FOSP_T2	0	0	0	0	0	0	-0.42	-0.43	1	1	0	600	600	0
11/25/2023 15:17	46903 MNTG_T2	1	4	3	0.1	0.1	0	-0.14	-0.13	1	1	0	600	600	0
11/25/2023 15:23	46903 MNTG_T2	1	4	3	0.1	0.1	0	-0.14	-0.13	1	1	0	600	600	0
11/25/2023 15:35	41901 REED_T1	11	10	-1	0.39	0.36	-0.03	0	0	0	0	0	0	0	0
11/25/2023 15:47	12704 MACU_T1	0	1	1	0	0	0	0	0	0	0	0	0	0	0
11/25/2023 15:53	12704 MACU_T1	0	1	1	0	0	0	0	0	0	0	0	0	0	0
11/25/2023 15:54	29401 BELT_T1	0	0	0	0	0	0	0	0	1	1	0	900	900	0
11/25/2023 16:05	64101 REFR_T1	0	0	0	0	0	0	-0.08	-0.09	0	0	0	0	0	0
11/25/2023 16:06	66505 SMAN_T2	2	3	1	0.1	0.17	0.07	-0.59	-0.48	2	2	0	1100	1100	0
11/25/2023 16:10	46206 DANV_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/25/2023 16:11	45501 DERR_T2	0	0	0	0	0	0	0.07	0.14	1	1	0	600	600	0
11/25/2023 16:17	43201 MVIL_T2	0	0	0	0	0	0	-0.39	-0.38	0	0	0	0	0	0
11/25/2023 16:17	43201 MVIL_T2	0	0	0	0	0	0	-0.39	-0.38	0	0	0	0	0	0
11/25/2023 16:20	43202 MVIL_T2	0	0	0	0	0	0	-0.7	-0.66	0	0	0	0	0	0
11/25/2023 16:22	43304 WATS_T2	0	3	3	0	0.7	0.7	0	0	0	0	0	0	0	0
11/25/2023 16:29	47001 HUGH_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/25/2023 16:34	12202 FOGE_T2	0	162	162	0	0.55	0.55	0	0	1	1	0	600	600	0
11/25/2023 16:45	52501 PROG_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/25/2023 16:47	48302 ORWI_T2	2	1	-1	0.3	0.2	-0.1	0.01	0.01	0	0	0	0	0	0
11/25/2023 17:34	59402 RFLD_T2	0	0	0	0	0	0	-0.76	-0.76	1	1	0	450	450	0
11/25/2023 18:33	26401 INOR_T1	0	1	1	0	0	0	0.51	0.5	0	0	0	0	0	0
11/25/2023 18:37	27101 GFLD_T2	0	0	0	0	0	0	-0.36	-0.37	1	1	0	600	600	0
11/25/2023 18:37	45901 AUBU_T1	0	0	0	0	0	0	1.05	1.07	0	0	0	0	0	0
11/25/2023 18:37	24902 WHHA_T1	0	0	0	0	0	0	0.69	0.67	0	0	0	0	0	0
11/25/2023 18:38	17803 GILB_T2	2	0	-2	0.1	0	-0.1	0	0	0	0	0	0	0	0
11/25/2023 18:38	29402 BELT_T1	2	3	1	2.95	2.85	-0.1	0	0	0	0	0	0	0	0
11/25/2023 18:39	67503 WEWI_T2	0	0	0	0	0	0	-0.08	-0.19	0	0	0	0	0	0
11/25/2023 18:39	26401 INOR_T1	0	1	1	0	0	0	0	0	0	0	0	0	0	0
11/25/2023 18:39	67502 WEWI_T2	0	0	0	0	0	0	-1.39	-1.38	1	1	0	900	900	0
11/25/2023 18:39	13901 SEID_T1	0	0	0	0	0	0	0.28	0.27	0	0	0	0	0	0
11/25/2023 18:40	64101 REFR_T1	0	0	0	0	0	0	-0.03	-0.03	0	0	0	0	0	0
11/25/2023 18:40	12202 FOGE_T2	0	0	0	0	0	0	0	0	1	1	0	600	600	0
11/25/2023 18:40	17803 GILB_T2	2	0	-2	0.1	0	-0.1	0	0	0	0	0	0	0	0
11/25/2023 18:41	44601 SALE_T2	0	0	0	0	0	0	-0.11	-0.12	0	0	0	0	0	0
11/25/2023 18:41	16302 ALPA_T2	0	0	0	0	0	0	0.58	0.6	0	0	0	0	0	0
11/25/2023 18:41	47002 HUGH_T2	0	2	2	0	0.15	0.15	0	0	0	0	0	0	0	0
11/25/2023 18:41	64203 KINZ_T1	0	0	0	0	0	0	-0.72	-0.7	1	1	0	600	600	0
11/25/2023 18:42	39601 LNFD_T1	0	15	15	0	0.36	0.36	0	0	1	1	0	900	900	0
11/25/2023 18:42	45902 AUBU_T1	0	0	0	0	0	0	-1	-0.98	1	1	0	600	600	0
11/25/2023 18:43	45902 AUBU_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/25/2023 18:43	45003 LIME_2	2	40	38	1.3	0.49	-0.81	0	0	1	1	0	1200	1200	0
11/25/2023 18:43	46203 DANV_T2	0	1	1	0	0.1	0.1	0	0	0	0	0	0	0	0
11/25/2023 18:43	46903 MNTG_T2	0	0	0	0	0	0	-0.11	-0.1	1	1	0	600	600	0
11/25/2023 18:43	48302 ORWI_T2	2	1	-1	0.2	0.1	-0.1	0.08	0.05	0	0	0	0	0	0
11/25/2023 18:43	29402 BELT_T1	2	3	1	2.95	2.85	-0.1	0	0	0	0	0	0	0	0
11/25/2023 18:43	52004 LING_T2	1	1	0	0.6	0.5	-0.1	0.26	0.29	0	0	0	0	0	0
11/25/2023 18:43	44901 SCOT_T2	0	0	0	0	0	0	-0.44	-0.51	0	0	0	0	0	0
11/25/2023 18:43	67503 WEWI_T2	0	0	0	0	0	0	-0.19	-0.1	0	0	0	0	0	0
11/25/2023 18:44	52403 GRPA_T2	26	28	2	0.5	0.58	0.08	0	0	0	0	0	0	0	0
11/25/2023 18:44	28403 HART_T2	0	0	0	0	0	0	-0.8	-0.8	1	1	0	900	900	0
11/25/2023 18:44	48901 FOSP_T2	0	0	0	0	0	0	-0.4	-0.39	1	1	0	600	600	0
11/25/2023 18:44	65001 NEFF_T2	0	0	0	0	0	0	-1.25	-1.19	1	1	0	1200	1200	0
11/25/2023 18:44	49803 UNIV_T1	0	0	0	0	0	0	-1.06	-1.05	0	0	0	0	0	0
11/25/2023 18:44	66505 SMAN_T2	0	3	3	0	0.17	0.17	-0.53	-0.48	2	2	0	1100	1100	0
11/25/2023 18:44	59202 THOM_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/25/2023 18:44	45501 DERR_T2	3	2	-1	2.3	0.5	-1.8	0.3	0.29	1	1	0	600	600	0
11/25/2023 18:44	56801 BENV_T1	0	1	1	0	0.2	0.2	-0.62	-0.61	1	1	0	600	600	0
11/25/2023 18:44	52004 LING_T2	1	1	0	0.6	0.5	-0.1	0.26	0.29	0	0	0	0	0	0
11/25/2023 18:44	16302 ALPA_T2	0	0	0	0	0	0	0.58	0.6	0	0	0	0	0	0
11/25/2023 18:44	48302 ORWI_T2	2	1	-1	0.2	0.1	-0.1	0.08	0.05	0	0	0	0	0	0
11/25/2023 18:44	65901 SAKR_T2	1	1	0	7.8	7.8	0	-1.37	-1.34	1	1	0	900	900	0
11/25/2023 18:44	56802 BENV_T2	0	0	0	0	0	0	-1.29	-1.33	0	0	0	0	0	0
11/25/2023 18:45	59301 MCAL_T1	0	0	0	0	0	0	-1.86	-1.81	1	1	0	600	600	0
11/25/2023 18:45	47403 PENS_T1	1	1	0	1.6	1.6	0	0	0	0	0	0	0	0	0
11/25/2023 18:45	63203 MGTN_T1	0	0	0	0	0	0	-0.28	-0.25	1	1	0	600	600	0
11/25/2023 18:45	42501 ALTA_T2	0	0	0	0	0	0	0	0.02	1	1	0	600	600	0
11/25/2023 18:45	52404 GRPA_T2	1	1	0	0.4	0	-0.4	-0.1	-0.15	0	0	0	0	0	0
11/25/2023 18:45	59101 WALK_T2	1	2	1	0	0.2	0.2	2.26	2	2	2	0	900	900	0
11/25/2023 18:45	67502 WEWI_T2	0	0	0	0	0	0	-1.38	-1.35	1	1	0	900	900	0
11/25/2023 18:45	45902 AUBU_T1	0	0	0	0	0	0	-1	-0.98	1	1	0	600	600	0
11/25/2023 18:46	47401 PENS_T1	0	0	0	0	0	0	0.58	0.59	0	0	0	0	0	0
11/25/2023 18:46	40101 HUNT_T2	71	44	-27	0.48	0.38	-0.1	-0.56	-0.55	0	0	0	0	0	0
11/25/2023 18:46	42201 SHEN_T2	0	0	0	0	0	0	0.03	0.12	1	1	0	600	600	0
11/25/2023 18:46	53903 HAU_T2	0	0	0	0	0	0	-0.31	-0.3	0	0	0	0	0	0
11/25/2023 18:46	60803 BUCK_T1	0	0	0	0	0	0	-1.3	-1.33	1	1	0	600	600	0
11/25/2023 18:46	43301 WATS_T2	1	2	1	0.4	0.4	0	0	0	0	0	0	0	0	0
11/25/2023 18:46	45501 DERR_T2	2	3	1	1	0	-1	0.3	0.29	1	1	0	600	600	0
11/25/2023 18:46	56801 BENV_T1	0	3	3	0	0.27	0.27	-0.62	-0.61	1	1	0	600	600	0
11/25/2023 18:46	48901 FOSP_T2	0	0	0	0	0	0	-0.4	-0.39	1	1	0	600	600	0
11/25/2023 18:46	66504 SMAN_T2	0	0	0	0	0	0	-1.85	-1.85	1	1	0	1200	1200	0
11/25/2023 18:46	44301 BEAV_T2	1	2	1	1.2	0.1	-1.1	-0.95	-0.93	1	1	0	600	600	0
11/25/2023 18:47	46203 DANV_T2	1	1	0	0.3	0	-0.3	0	0	0	0	0	0	0	0
11/25/2023 18:47	16302 ALPA_T2	0	0	0	0	0	0	0.58	0.6	0	0	0	0	0	0
11/25/2023 18:47	57403 SPAN_T1	0	1	1	0	0	0	0	0	0	0	0	0	0	0
11/25/2023 18:47	57403 SPAN_T1	0	1	1	0	0	0	0	0	0	0	0	0	0	0
11/25/2023 18:47	14404 SSLA_T1	1	0	-1	0.2	0	-0.2	0	0	0	0	0	0	0	0
11/25/2023 18:47	64101 REFR_T1	0	1	1	0	0	0	-0.06	-0.04	0	0	0	0	0	0
11/25/2023 18:47	47401 PENS_T1	0	0	0	0	0	0	0.58	0.59	0	0	0	0	0	0
11/25/2023 18:47	59302 MCAL_T1	1	2	1	0.4	0.2	-0.2	-0.34	-0.33	1	1	0	600	600	0
11/25/2023 18:47	17802 GILB_T1	0	1	1	0	0	0	-0.01	0	0	0	0	0	0	0
11/25/2023 18:47	12206 FOGE_T2	1	0	-1	0.7	0	-0.7	0	0	0	0	0	0	0	0
11/25/2023 18:47	28604 BLYT_T2	0	0	0	0	0	0	-1.22	-1.21	0	0	0	0	0	0
11/25/2023 18:47	42503 ALTA_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/25/2023 18:47	29402 BELT_T1	3	2	-1	1.97	5.5	3.53	0	0	0	0	0	0	0	0
11/25/2023 18:47	15103 UPHA_T2	0	0	0	0	0	0	0.48	0.47	0	0	0	0	0	0
11/25/2023 18:47	67503 WEWI_T2	0	0	0	0	0	0	-0.19	-0.1	0	0	0	0	0	0
11/25/2023 18:47	60201 ATGL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/25/2023 18:47	56802 BENV_T2	0	0	0	0	0	0	-1.29	-1.33	0	0	0	0	0	0
11/25/2023 18:48	42802 SELI_T1	0	0	0	0	0	0	-2.24	-2.26	1	1	0	900	900	0
11/25/2023 18:48	42601 TUSC_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/25/2023 18:48	63401 HONY_T1	0	0	0	0	0	0	0	-0.03	0	0	0	0	0	0
11/25/2023 18:48	67502 WEWI_T2	0	0	0	0	0	0	-1.38	-1.35	1	1	0	900	900	0
11/25/2023 18:48	57403 SPAN_T1	0	1	1	0	0	0	0.12	0.13	0	0	0	0	0	0
11/25/2023 18:48	57401 SPAN_T1	0	0	0	0	0	0	-1.52	-1.54	2	2	0	1200	1200	0
11/25/2023 18:48	46203 DANV_T2	1	1	0	0.3

11/25/2023 18:52	43202 MVIL_T2	0	0	0	0	0	0	-0.64	-0.62	0	0	0	0	0	0
11/25/2023 18:52	45802 HEGI_T2	0	0	0	0	0	0	0.08	0.13	0	0	0	0	0	0
11/25/2023 18:52	41801 GOCI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/25/2023 18:52	46203 DANV_T2	1	1	0	0.3	0	-0.3	-1.2	-1.17	0	0	0	0	0	0
11/25/2023 18:52	45902 AUBU_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/25/2023 18:52	42802 SELI_T1	0	0	0	0	0	0	-2.24	-2.26	1	1	0	900	900	0
11/25/2023 18:52	55001 NEWP_T1	2	1	-1	1.2	1.2	0	0	0	0	0	0	0	0	0
11/25/2023 18:52	61801 EELI_T2	0	0	0	0	0	0	-0.94	-0.96	1	1	0	600	600	0
11/25/2023 18:52	59101 WALK_T2	1	2	1	0	0.2	0.2	1.13	1	1	1	0	450	450	0
11/25/2023 18:52	42701 AUGU_T1	0	0	0	0	0	0	0	0	2	2	0	1800	1800	0
11/25/2023 18:52	43304 WATS_T2	1	2	1	0.5	0	-0.5	0	0	0	0	0	0	0	0
11/25/2023 18:52	46903 MNTG_T2	0	0	0	0	0	0	-0.11	-0.1	1	1	0	600	600	0
11/25/2023 18:52	64101 REFR_T1	0	1	1	0	0	0	-0.03	-0.02	0	0	0	0	0	0
11/25/2023 18:53	40902 JESH_T1	0	0	0	0	0	0	-0.84	-0.85	0	0	0	0	0	0
11/25/2023 18:53	41901 REED_T1	2	2	0	0.25	0.3	0.05	0	0	0	0	0	0	0	0
11/25/2023 18:53	43001 ALWD_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/25/2023 18:53	45702 LIND_T2	0	0	0	0	0	0	-0.42	-0.42	0	0	0	0	0	0
11/25/2023 18:53	43304 WATS_T2	1	2	1	0.5	0	-0.5	-0.66	-0.64	0	0	0	0	0	0
11/25/2023 18:53	51604 DUKE_T2	0	0	0	0	0	0	-1.62	-1.58	1	1	0	900	900	0
11/25/2023 18:53	64101 REFR_T1	0	1	1	0	0	0	-0.03	-0.02	0	0	0	0	0	0
11/25/2023 18:53	57403 SPAN_T1	0	1	1	0	0	0	0.12	0.13	0	0	0	0	0	0
11/25/2023 18:53	42802 SELI_T1	0	0	0	0	0	0	-2.24	-2.26	1	1	0	900	900	0
11/25/2023 18:53	47401 PENS_T1	0	0	0	0	0	0	1.16	1.18	0	0	0	0	0	0
11/25/2023 18:53	13704 SCHN_T2	0	0	0	0	0	0	-0.31	-0.33	0	0	0	0	0	0
11/25/2023 18:53	45501 DERR_T2	2	3	1	0	0	-1	0	0	0	0	0	0	0	0
11/25/2023 18:53	56802 BENV_T2	0	0	0	0	0	0	-1.29	-1.33	0	0	0	0	0	0
11/25/2023 18:54	45402 WBLO_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/25/2023 18:54	41902 REED_T1	25	11	-14	0.52	0.73	0.21	0.97	0.94	0	0	0	0	0	0
11/25/2023 18:54	43301 WATS_T2	1	2	1	0.4	0.4	0	-0.54	-0.57	1	1	0	900	900	0
11/25/2023 18:54	52404 GRPA_T2	1	1	0	0.4	0	-0.4	0	0	0	0	0	0	0	0
11/25/2023 18:54	47401 PENS_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/25/2023 18:54	43304 WATS_T2	1	2	1	0.5	0	-0.5	0	0	0	0	0	0	0	0
11/25/2023 18:54	45003 LIME_2	12	43	31	0.47	0.42	-0.05	0	0	1	1	0	1200	1200	0
11/25/2023 18:54	55002 NEWP_T1	1	0	-1	0.1	0	-0.1	-0.2	-0.2	0	0	0	0	0	0
11/25/2023 18:54	56801 BENV_T1	0	3	3	0	0.27	0.27	-0.62	-0.61	1	1	0	600	600	0
11/25/2023 18:54	57401 SPAN_T1	0	0	0	0	0	0	-0.76	-0.77	1	1	0	600	600	0
11/25/2023 18:54	46801 HEPB_T2	0	0	0	0	0	0	0.64	0.64	0	0	0	0	0	0
11/25/2023 18:54	48901 FOSP_T2	0	0	0	0	0	0	-0.4	-0.39	1	1	0	600	600	0
11/25/2023 18:54	42102 FRAI_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/25/2023 18:55	59101 WALK_T2	1	2	1	0	0.2	0.2	1.13	1	1	1	0	450	450	0
11/25/2023 18:55	51107 CARL_T1	0	0	0	0	0	0	-0.51	-0.42	0	0	0	0	0	0
11/25/2023 18:55	65902 SAKR_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/25/2023 18:55	43304 WATS_T2	1	2	1	0.5	0	-0.5	-1.33	-1.28	0	0	0	0	0	0
11/25/2023 18:55	43304 WATS_T2	1	2	1	0.5	0	-0.5	-1.33	-1.28	0	0	0	0	0	0
11/25/2023 18:55	56801 BENV_T1	0	3	3	0	0.27	0.27	-1.24	-1.22	2	2	0	1200	1200	0
11/25/2023 18:55	42802 SELI_T1	0	0	0	0	0	0	-4.47	-4.51	2	2	0	1800	1800	0
11/25/2023 18:55	46203 DANV_T2	1	1	0	0.3	0	-0.3	0	0	0	0	0	0	0	0
11/25/2023 18:55	40101 HUNT_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/25/2023 18:55	54701 NEBL_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/25/2023 18:55	43001 ALWD_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/25/2023 18:55	12701 MACU_T1	0	0	0	0	0	0	-1.04	-1.04	1	1	0	1200	1200	0
11/25/2023 18:56	56801 BENV_T1	0	3	3	0	0.27	0.27	-0.61	-0.63	1	1	0	600	600	0
11/25/2023 18:56	52402 GRPA_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/25/2023 18:56	55105 WERT_T1	0	0	0	0	0	0	-0.5	-0.49	1	1	0	900	900	0
11/25/2023 18:56	40201 BEGA_T2	1	1	0	0.6	0.7	0.1	0	0	0	0	0	0	0	0
11/25/2023 18:57	66703 STRA_T1	0	0	0	0	0	0	-0.19	-0.16	0	0	0	0	0	0
11/25/2023 18:57	56801 BENV_T1	0	3	3	0	0.27	0.27	-0.61	-0.63	1	1	0	600	600	0
11/25/2023 18:57	58401 MORO_T1	1	1	0	0.4	0	-0.4	0	0	0	0	0	0	0	0
11/25/2023 18:57	63804 HEMP_T1	1	1	0	6.4	6.4	0	0.78	0.77	0	0	0	0	0	0
11/25/2023 18:57	41801 GOCI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/25/2023 18:57	46203 DANV_T2	1	1	0	0.3	0	-0.3	0	0	0	0	0	0	0	0
11/25/2023 18:57	53903 HALI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/25/2023 18:58	43301 WATS_T2	1	2	1	0.4	0.4	0	0	0	0	0	0	0	0	0
11/25/2023 18:58	52403 GRPA_T2	16	30	14	0.58	0.54	-0.04	-0.58	-0.55	0	0	0	0	0	0
11/25/2023 18:58	40101 HUNT_T2	71	44	-27	0.48	0.38	-0.1	-0.55	-0.53	0	0	0	0	0	0
11/25/2023 18:58	45501 DERR_T2	2	3	1	1	0	-1	0.29	0.26	1	1	0	600	600	0
11/25/2023 18:58	42801 SELI_T1	1	1	0	0	0	0	0	0	0	0	0	0	0	0
11/25/2023 18:58	40201 BEGA_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/25/2023 18:58	44601 SALE_T2	0	0	0	0	0	0	-0.12	-0.16	0	0	0	0	0	0
11/25/2023 18:58	64101 REFR_T1	0	1	1	0	0	0	-0.02	-0.02	0	0	0	0	0	0
11/25/2023 19:00	64101 REFR_T1	0	1	1	0	0	0	-0.02	-0.02	0	0	0	0	0	0
11/25/2023 19:01	59101 WALK_T2	2	2	0	0.2	0	-0.2	1	1.14	1	1	0	450	450	0
11/25/2023 19:01	52402 GRPA_T2	4	67	63	0.98	0.64	-0.34	0	0	0	0	0	0	0	0
11/25/2023 19:03	48901 FOSP_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/25/2023 19:03	53903 HALI_T2	0	0	0	0	0	0	-0.3	-0.31	0	0	0	0	0	0
11/25/2023 19:17	64203 KINZ_T1	0	0	0	0	0	0	-0.7	-0.7	1	1	0	600	600	0
11/25/2023 19:21	50102 HARR_T3	0	1	1	0	0	0	0	0	0	0	0	0	0	0
11/25/2023 19:26	63804 HEMP_T1	1	1	0	6.4	5.8	-0.6	0	0	0	0	0	0	0	0
11/25/2023 19:28	50106 HARR_T3	1	1	0	0	0	0	0	0	0	0	0	0	0	0
11/25/2023 19:29	64204 KINZ_T1	1	1	0	1	1.2	0.2	0	0	0	0	0	0	0	0
11/25/2023 20:17	64204 KINZ_T1	1	1	0	0.8	1	0.2	0	0	0	0	0	0	0	0
11/25/2023 20:27	42802 SELI_T1	0	0	0	0	0	0	-2.23	-2.21	1	1	0	900	900	0
11/25/2023 20:29	64203 KINZ_T1	0	0	0	0	0	0	-0.65	-0.69	1	1	0	600	600	0
11/25/2023 21:17	64201 KINZ_T1	17	30	13	0.16	0.21	0.05	0	0	0	0	0	0	0	0
11/25/2023 22:19	43401 BENT_T1	11	11	0	0.64	0.43	-0.21	0	0	0	0	0	0	0	0
11/26/2023 0:28	42801 SELI_T1	1	1	0	0	0	0	0	0	0	0	0	0	0	0
11/26/2023 0:28	65001 NEFF_T2	6	15	9	0.13	0.15	0.02	-1.42	-1.39	1	1	0	1200	1200	0
11/26/2023 0:28	27502 WEIS_T2	0	0	0	0	0	0	-0.73	-0.7	0	0	0	0	0	0
11/26/2023 0:28	56801 BENV_T1	9	13	4	0.21	0.54	0.33	-0.67	-0.7	1	1	0	600	600	0
11/26/2023 0:28	51107 CARL_T1	0	0	0	0	0	0	-0.3	-0.4	0	0	0	0	0	0
11/26/2023 0:28	43304 WATS_T2	0	0	0	0	0	0	-0.4	-0.4	0	0	0	0	0	0
11/26/2023 0:28	20403 ASHF_T2	0	0	0	0	0	0	0.29	0.3	0	0	0	0	0	0
11/26/2023 0:28	45902 AUBU_T1	0	0	0	0	0	0	-0.64	-0.64	0	0	0	0	0	0
11/26/2023 0:28	40101 HUNT_T2	0	0	0	0	0	0	-0.67	-0.69	0	0	0	0	0	0
11/26/2023 0:28	24902 WHHA_T1	0	0	0	0	0	0	0.61	0.62	0	0	0	0	0	0
11/26/2023 0:28	44901 SCOT_T2	0	0	0	0	0	0	-0.66	-0.63	0	0	0	0	0	0
11/26/2023 0:28	52502 PROG_T2	0	0	0	0	0	0	-0.54	0.41	1	1	0	900	900	0
11/26/2023 0:28	56802 BENV_T2	0	0	0	0	0	0	-1.38	-1.44	0	0	0	0	0	0
11/26/2023 0:28	56501 ROCK_T2	200	350	150	0.2	0.27	0.07	-2.52	-1.84	0	0	0	0	0	0
11/26/2023 0:28	43201 MVIL_T2	0	0	0	0	0	0	-1.31	-1.31	0	0	0	0	0	0
11/26/2023 0:28	59101 WALK_T2	1	1	0	0	0	0	1.34	0.64	0	0	0	0	0	0
11/26/2023 4:31	65001 NEFF_T2	2	1	-1	0.1	0.1	0	-1.41	-1.38	1	1	0	1200	1200	0
11/26/2023 5:54	65001 NEFF_T2	0	0	0	0	0	0	-1.4	-1.37	1	1	0	1200	1200	0
11/26/2023 6:15	65001 NEFF_T2	0	0	0	0	0	0	-1.38	-1.32	1	1	0	1200	1200	0
11/26/2023 6:26	65001 NEFF_T2	0	0	0	0	0	0	-1.32	-1.35	1	1	0	1200	1200	0
11/26/2023 6:47	65001 NEFF_T2	0	0	0	0	0	0	-1.35	-1.33	1	1	0	1200	1200	0
11/26/2023 7:43	65001 NEFF_T2	0	0	0	0	0	0	-1.32	-1.34	1	1	0	1200	1200	0
11/26/2023 7:53	45501 DERR_T2	0	5	5	0	0	0	0.08	0.11	1	1	0	600	600	0
11/26/2023 8:04	23901 EFMO_T2	5	1	-4	0.72	1.4	0.68	-0.52	-0.52	0	0	0	0	0	0
11/26/2023 8:06	65001 NEFF_T2	0	0	0	0	0	0	-1.34	-1.36	1	1	0	1200	1200	0
11/26/2023 8:06	43402 BENT_T1	0	1	1	0	0.2	0.2	-0.9	-0.89	1	1	0	900	900	0
11/26/2023 8:07	43401 BENT_T1	14	24	10	1.01	0.97	-0.04	0	0	0	0	0	0	0	0
11/26/2023 8:11	45501 DERR_T2	3	2	-1	0.6	0.1	-0.5	0.09	0.09	1	1	0	600	600	0
11/26/2023 8:21	29402 BELT_T1	1	3	2	6.2	6.5	0.3	0	0	0	0	0	0	0	0
11/26/2023 8:23	49803 UNIV_T1	0	0	0	0	0	0	-0.99	-0.97	0	0	0	0	0	0
11/26/2023 8:24	45902 AUBU_T1	0	1	1	0	0.1	0.1	0	0	0	0	0	0	0	0
11/26/2023 8:30	25402 LAHA_T2	0	0	0	0	0	0	-0.66	-0.61	0	0	0	0	0	0
11/26/2023 8:31	55002 NEWP_T1	1	1	0	0.1	0.1	0	-0.2	-0.19	0	0	0	0	0	0
11/26/2023 8:32	54701 NEBL_T1	0	0	0	0	0	0	0	0	1	1	0	600	600	0
11/26/2023 8:43	58402 MORO_T1	1	0	-1	1	0	-1	-2.28	-2.28	3	3	0	2400	2400	0
11/26/2023 8:44	46801 HEPB_T2	0	0	0	0	0	0	0.63	0.62	0	0	0	0	0	0
11/26/2023 8:49	58402 MORO_T1	0	0	0	0	0	0	-2.28	-2.28	3	3	0	2400	2400	0
11/26/2023 8:51	24902 WHHA_T1	1	4	3	0.4	0.6	0.2	0.63	0.63	0	0	0	0	0	0
11/26/2023 8:52	24902 WHHA_T1	1	4	3	0.4	0.6	0.2	0.63	0.63	0	0	0	0	0	0
11/26/2023 8:52	40201 BEGA_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/26/2023 8:59	52403 GRPA_T2	13	27	14	0.57	0	-0.57	-0.03	-0.05	0	0	0	0	0	0
11/26/2023 9:00	52503 PROG_T2	0	0	0	0	0	0	-0.57	-0.56	1	1	0	900	900	0
11/26/2023 9:00	43401 BENT_T1	27	26	-1	1.17	0.98	-0.19	0	0	0	0	0	0	0	0
11/26/2023 9:00	54505 ENOL_T2	0	1	1	0	0.2	0.2	0	0	0	0	0	0	0	0
11/26/2023 9:00	67503 WEWI_T2	0	0	0	0	0	0	-0.03	-0.16	0	0	0	0	0	0
11/26/2023 9:00	57401 SPAN_T1	0	0	0	0	0	0	-0.83	-0.95	1	1	0	600	600	0
11/26/2023 9:00	58402 MORO_T1	0	0	0	0	0	0	-2.28	-2.33	3	3	0	2400	2400	0
11/26/2023 9:00	53903 HALI_T2	0	2	2	0	0.25	0.25	-0.2	-0.16	0	0	0	0	0	0
11/26/2023 9:00	47101 MARL_T1	3	3	0	0.57	0	-0.57	-1.34	-1.37	1	1	0	600	600	0
11/26/2023 9:00	44901 SCOT_T2	0	0	0	0	0	0	-0.64	-0.62	0	0	0	0	0	0
11/26/2023 9:01	47403 PENS_T1	1	1	0	1.9	1.9	0	0	0	0	0	0	0	0	0
11/26/2023 9:01	66702 STRA_T1	0	1	1	0	0	0	0	0	0	0	0	0	0	0
11/26/2023 9:01	66504 SMAN_T2	0	0	0	0	0	0	-1.79	-1.8	1	1	0	1200	1200	0
11/26/2023 9:01	46203 DANV_T2	1	0	-1	0.1	0	-0.1	-1.11	-1.2	0	0	0	0	0	0
11/26/2023 9:07	45502 DERR_T2	1	0	-1	1.5	0	-1.5	0	0	0	0	0	0	0	0
11/26/2023 9:07	24902 WHHA_T1	2	15	13	0.7	0.23	-0.47	0.63	0.64	0	0	0	0	0	0
11/26/2023 9:08	40201 BEGA_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/26/2023 9:08	24902 WHHA_T1	2	15	13	0.7	0.23	-0.47	0.63	0.64	0	0	0	0	0	0
11/26/2023 9:08	29402 BELT_T1	3	14	11	2.27	2.27	0	0	0	0	0	0	0	0	0
11/26/2023 9:09	43402 BENT_T1	5	9	4	0.6	0.25	-0.35	-0.87	-0.89	1	1	0	900	900	0
11/26/2023 9:13	43202 MVIL_T2	1	1	0	0.2	0.4	0.2	-0.63	-0.64	0	0	0	0	0	0
11/26/2023 9:14	54701 NEBL_T1	0	0	0	0	0	0	0	0	1	1	0	600	600	0
11/26/2023 9:15	40101 HUNT_T2	1	6	5	2.4	0	-2.4	-0.57	-0.58	0	0	0	0	0	0
11/26/2023 9:16	43202 MVIL_T2	1	1	0	0.6	0	-0.6	-0.63	-0.64	0	0	0	0	0	0
11/26/2023 9:18	55002 NEWP_T1	2	2	0	0.25	0.55	0.3	-0.19	-0.18	0	0	0	0	0	0
11/26/2023 9:19	54701 NEBL_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/26/2023 9:21	56801 BENV_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/26/2023 9:25	29402 BELT_T1	4	13	9	1.73	2.43	0.7	0	0	0	0	0	0	0	0
11/26/2023 9:29	64202 KINZ_T1	3	2	-1	0.43	0.2	-0.23	0	0	0	0	0	0	0	0
11/26/2023 9:29	59301 MCAL_T1	2	3	1	0.45	0.7	0.25	0	0	0	0	0	0	0	0
11/26/2023 9:31	58402 MORO_T1	0	0	0	0	0	0	-2.38	-2.27	3	3	0	2400	2400	0
11/26/2023 9:36	41902 REED_T1	1	5	4	0.2	0.2	0	0.93	0.96	0	0	0	0	0	0
11/26/2023 9:38	41901 REED_T1	2	2	0	0.25	0.35	0.1	0	0	0	0	0	0	0	0
11/26/2023 9:38	46203 DANV_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/26/2023 9:41	47002 HUGH_T2	1	0	-1	0.3	0	-0.3	0	0	0	0	0	0	0	0
11/26/2023 9:41	46203 DANV_T2	0	0	0	0	0	0	-1.16	-1.21	0	0	0	0	0	0
11/26/2023 9:42	52402 GRPA_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/26/2023 9:42	17802 GILB_T1	0	0	0	0	0	0	-0.02	-0.08	0	0	0	0	0	0
11/26/2023 9:44	52402 GRPA_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/26/2023 9:51	45902 AUBU_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/26/2023 9:51	43301 WATS_T2	3	2	-1	0.23	0.1	-0.13	0	0	0	0	0	0	0	0
11/26/2023 9:51	49803 UNIV_T1	0	0	0	0	0	0	-1.03	-1.08	0	0	0	0	0	0
11/26/2023 9:52	45902 AUBU_T1	1	1	0	0.6	0.3	-0.3	-1	-0.97	1	1	0	600	600	0
11/26/2023 9:52	43301 WATS_T2	3	2	-1	0.23	0.1	-0.13	0	0	0	0	0	0	0	0
11/26/2023 9:53	40201 BEGA_T2	1	2	1	0.3	0.2	-0.1	0	0	0	0	0	0	0	0
11/26/2023 9:53	45902 AUBU_T1	1	0	-1	0.6	0.3	-0.3	-1	-0.97	1	1	0	600	600	0
11/26/2023 9:55	10801 CHHI_T1	1	2	1	0.2	0.2	0	-2.04	-2.06	3	3	0	2100	2100	0
11/26/2023 9:56	63401 HONY_T1	0	0	0	0	0	0	0.31	0.29	0	0	0	0	0	0
11/26/2023 10:00	55002 NEWP_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/26/2023 10:01	47403 PENS_T1	1	2	1	2.3	1.25	-1.05	0	0	0	0	0	0	0	0
11/26/2023 10:02	55002 NEWP_T1	4	4	0	0.4	0.5	0.1	-0.4	-0.36	0	0	0	0	0	0
11/26/2023 10:02	56501 ROCK_T2	46	14	-32	0.14	0.16	0.02	-1.68	-1.76	0	0	0	0	0	0
11/26/2023 10:03	42202 SHEN_T2	0	1	1	0	0	0	0	0	0	0	0	0	0	0
11/26/2023 10:03	56501 ROCK_T2	46	14	-32	0.14	0.16	0.02	-1.68	-1.76	0	0	0	0	0	0
11/26/2023 10:04	14802 TREI_T2	1	3	2	1.6	1.2	-0.4	0.47	0.46	0	0

11/26/2023 10:29	17805 GILB_T2	0	0	0	0	0	0	0.09	0.07	0	0	0	0	0	0
11/26/2023 10:30	57401 SPAN_T1	0	1	1	0	0.2	0.2	-0.99	-1.02	1	1	0	600	600	0
11/26/2023 10:31	60501 NMAN_T2	3	3	0	4.13	4.37	0.24	0	0	0	0	0	0	0	0
11/26/2023 10:32	47403 PENS_T1	2	1	-1	1.25	2.3	1.05	0	0	0	0	0	0	0	0
11/26/2023 10:32	65902 SAKR_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/26/2023 10:33	47403 PENS_T1	2	1	-1	1.25	2.3	1.05	0	0	0	0	0	0	0	0
11/26/2023 10:34	43301 WATS_T2	0	0	0	0	0	0	-0.58	-0.59	1	1	0	900	900	0
11/26/2023 10:34	67502 WEWI_T2	0	0	0	0	0	0	-1.39	-1.45	1	1	0	900	900	0
11/26/2023 10:34	52502 PROG_T2	0	0	0	0	0	0	-0.56	-0.56	1	1	0	900	900	0
11/26/2023 10:34	47403 PENS_T1	2	1	-1	1.25	2.3	1.05	0	0	0	0	0	0	0	0
11/26/2023 10:34	12202 FOGE_T2	47	45	-2	0.15	0.16	0.01	0	0	1	1	0	600	600	0
11/26/2023 10:35	57401 SPAN_T1	0	1	1	0	0.2	0.2	-0.99	-1.02	1	1	0	600	600	0
11/26/2023 10:35	67503 WEWI_T2	0	0	0	0	0	0	-0.32	-0.33	0	0	0	0	0	0
11/26/2023 10:35	43304 WATS_T2	0	0	0	0	0	0	-0.81	-0.79	0	0	0	0	0	0
11/26/2023 10:36	67502 WEWI_T2	0	0	0	0	0	0	-1.39	-1.45	1	1	0	900	900	0
11/26/2023 10:37	56501 ROCK_T2	13	36	23	0.18	0.15	-0.03	-1.74	-1.75	0	0	0	0	0	0
11/26/2023 10:37	45902 AUBU_T1	1	11	10	0.3	0.18	-0.12	-1.04	-1.02	1	1	0	600	600	0
11/26/2023 10:37	57401 SPAN_T1	0	1	1	0	0.2	0.2	-0.99	-1.02	1	1	0	600	600	0
11/26/2023 10:38	67502 WEWI_T2	0	0	0	0	0	0	-1.39	-1.45	1	1	0	900	900	0
11/26/2023 10:38	59101 WALK_T2	1	1	0	0	0	0	1.09	1.07	0	0	0	0	0	0
11/26/2023 10:39	45902 AUBU_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/26/2023 10:39	67502 WEWI_T2	0	0	0	0	0	0	-1.39	-1.45	1	1	0	900	900	0
11/26/2023 10:41	45902 AUBU_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/26/2023 10:41	46004 BERW_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/26/2023 10:42	46203 DANV_T2	0	2	2	0	0.3	0.3	0	0	0	0	0	0	0	0
11/26/2023 10:43	56802 BENV_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/26/2023 10:44	45001 LIME_2	10	24	14	0.15	0.2	0.05	0	0	0	0	0	0	0	0
11/26/2023 10:45	48302 ORWI_T2	2	2	0	1.2	1.2	0	-0.56	-0.55	0	0	0	0	0	0
11/26/2023 10:46	64203 KINZ_T1	0	1	1	0	0	0	-0.08	-0.09	0	0	0	0	0	0
11/26/2023 10:46	39601 LNFD_T1	0	0	0	0	0	0	0	0	1	1	0	900	900	0
11/26/2023 10:48	44901 SCOT_T2	1	1	0	0.5	0.1	-0.4	-1.17	-1.13	0	0	0	0	0	0
11/26/2023 10:48	65001 NEFF_T2	0	0	0	0	0	0	-1.26	-1.21	1	1	0	1200	1200	0
11/26/2023 10:49	27502 WEIS_T2	0	0	0	0	0	0	-0.47	-0.47	0	0	0	0	0	0
11/26/2023 10:50	43301 WATS_T2	0	1	1	0	0	0	0	0	0	0	0	0	0	0
11/26/2023 10:50	43001 ALWD_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/26/2023 10:51	43304 WATS_T2	0	0	0	0	0	0	-0.79	-0.8	0	0	0	0	0	0
11/26/2023 10:51	60803 BUCK_T1	0	0	0	0	0	0	-2.9	-2.87	2	2	0	1200	1200	0
11/26/2023 10:51	56802 BENV_T2	1	2	1	0.1	0.15	0.05	-1.36	-1.33	0	0	0	0	0	0
11/26/2023 10:52	56801 BENV_T1	19	23	4	0.62	0.73	0.11	-1.38	-1.4	2	2	0	1200	1200	0
11/26/2023 10:53	44301 BEAV_T2	0	1	1	0	0.3	0.3	-1.06	-1.05	1	1	0	600	600	0
11/26/2023 10:53	56802 BENV_T2	1	2	1	0.1	0.15	0.05	-1.36	-1.33	0	0	0	0	0	0
11/26/2023 10:54	45402 WILO_T2	1	1	0	0.2	0.4	0.2	0	0	0	0	0	0	0	0
11/26/2023 10:54	56802 BENV_T2	1	2	1	0.1	0.15	0.05	-2.72	-2.66	0	0	0	0	0	0
11/26/2023 10:55	56802 BENV_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/26/2023 10:56	40101 HUNT_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/26/2023 10:56	61303 EARL_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/26/2023 10:56	56802 BENV_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/26/2023 10:57	41801 GOCI_T2	2	5	3	0.4	0.26	-0.14	0	0	0	0	0	0	0	0
11/26/2023 10:58	52004 LING_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/26/2023 10:58	45001 LIME_2	23	21	-2	0.19	0.2	0.01	0	0	0	0	0	0	0	0
11/26/2023 10:58	48901 FOSP_T2	0	0	0	0	0	0	-0.86	-0.86	2	2	0	1200	1200	0
11/26/2023 10:59	45001 LIME_2	23	21	-2	0.19	0.2	0.01	0	0	0	0	0	0	0	0
11/26/2023 11:00	45001 LIME_2	18	26	8	0.18	0.27	0.09	0	0	0	0	0	0	0	0
11/26/2023 11:00	40101 HUNT_T2	0	0	0	0	0	0	-0.63	-0.65	0	0	0	0	0	0
11/26/2023 11:00	55001 NEWP_T1	0	0	0	0	0	0	-0.66	-0.7	1	1	0	600	600	0
11/26/2023 11:02	55002 NEWP_T1	3	5	2	0.67	0.66	-0.01	0	-0.7	1	0	0	0	0	0
11/26/2023 11:02	48901 FOSP_T2	0	0	0	0	0	0	-0.43	-0.43	1	1	0	600	600	0
11/26/2023 11:02	64101 REFR_T1	0	0	0	0	0	0	-0.07	-0.05	0	0	0	0	0	0
11/26/2023 11:02	46302 ROHR_T1	1	3	2	0.6	0.37	-0.23	-0.39	-0.39	0	0	0	0	0	0
11/26/2023 11:02	66505 SMAN_T2	0	0	0	0	0	0	-0.22	-0.1	1	1	0	900	900	0
11/26/2023 11:03	55001 NEWP_T1	0	0	0	0	0	0	-0.66	-0.7	1	1	0	600	600	0
11/26/2023 11:03	41801 GOCI_T2	4	2	-2	0.3	0.2	-0.1	0	0	0	0	0	0	0	0
11/26/2023 11:03	46302 ROHR_T1	1	3	2	0.6	0.37	-0.23	-0.39	-0.39	0	0	0	0	0	0
11/26/2023 11:04	52502 PROG_T2	0	0	0	0	0	0	-0.57	-0.57	1	1	0	900	900	0
11/26/2023 11:04	57401 SPAN_T1	1	0	-1	0.2	0	-0.2	0	0	0	0	0	0	0	0
11/26/2023 11:04	46302 ROHR_T1	1	3	2	0.6	0.37	-0.23	-0.39	-0.39	0	0	0	0	0	0
11/26/2023 11:04	43301 WATS_T2	0	1	1	0	0	0	0	0	0	0	0	0	0	0
11/26/2023 11:05	52502 PROG_T2	0	0	0	0	0	0	-0.57	-0.57	1	1	0	900	900	0
11/26/2023 11:05	59101 WALK_T2	1	1	0	0	0	0	1.07	1.04	0	0	0	0	0	0
11/26/2023 11:05	52501 PROG_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/26/2023 11:06	60201 ATGL_T2	0	0	0	0	0	0	0.18	0.14	0	0	0	0	0	0
11/26/2023 11:06	57403 SPAN_T1	0	0	0	0	0	0	0.13	0.12	0	0	0	0	0	0
11/26/2023 11:06	56504 ROCK_T2	0	0	0	0	0	0	-0.04	-0.05	0	0	0	0	0	0
11/26/2023 11:06	45902 AUBU_T1	1	1	0	0.1	0.6	0.5	-1.04	-1.03	1	1	0	600	600	0
11/26/2023 11:07	67605 WARW_T1	0	0	0	0	0	0	-1.47	-1.43	0	0	0	0	0	0
11/26/2023 11:09	60201 ATGL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/26/2023 11:10	46004 BERW_T2	0	0	0	0	0	0	-0.75	-0.72	0	0	0	0	0	0
11/26/2023 11:10	40101 HUNT_T2	0	0	0	0	0	0	-0.63	-0.65	0	0	0	0	0	0
11/26/2023 11:12	40101 HUNT_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/26/2023 11:14	55002 NEWP_T1	3	5	2	0.67	0.66	-0.01	-0.17	-0.18	0	0	0	0	0	0
11/26/2023 11:16	52006 LING_T2	3	3	0	1	0.93	-0.07	0	0	0	0	0	0	0	0
11/26/2023 11:16	40101 HUNT_T2	0	0	0	0	0	0	-0.65	-0.63	0	0	0	0	0	0
11/26/2023 11:17	14403 SSLA_T1	0	0	0	0	0	0	0.75	0.74	0	0	0	0	0	0
11/26/2023 11:17	42801 SELI_T1	1	1	0	0	0	0	0	0	0	0	0	0	0	0
11/26/2023 11:18	44904 SCOT_T1	0	0	0	0	0	0	-0.12	-0.02	0	0	0	0	0	0
11/26/2023 11:18	42801 SELI_T1	1	1	0	0	0	0	0	0	0	0	0	0	0	0
11/26/2023 11:19	42801 SELI_T1	1	1	0	0	0	0	0	0	0	0	0	0	0	0
11/26/2023 11:19	14403 SSLA_T1	0	0	0	0	0	0	0.75	0.74	0	0	0	0	0	0
11/26/2023 11:20	14403 SSLA_T1	0	0	0	0	0	0	0.75	0.74	0	0	0	0	0	0
11/26/2023 11:20	42801 SELI_T1	1	1	0	0	0	0	0	0	0	0	0	0	0	0
11/26/2023 11:21	29401 BELT_T1	2	0	-2	0.1	0	-0.1	0	0	1	1	0	900	900	0
11/26/2023 11:23	41901 REED_T1	5	5	0	0.38	0.34	-0.04	0	0	0	0	0	0	0	0
11/26/2023 11:23	60102 COCA_T1	0	0	0	0	0	0	-0.27	-0.19	1	1	0	600	600	0
11/26/2023 11:23	29401 BELT_T1	2	0	-2	0.1	0	-0.1	0	0	2	2	0	1800	1800	0
11/26/2023 11:29	43301 WATS_T2	1	0	-1	0.2	0	-0.2	0	0	0	0	0	0	0	0
11/26/2023 11:29	60501 NMAN_T2	3	3	0	4.07	4.3	0.23	0	0	0	0	0	0	0	0
11/26/2023 11:30	65001 NEFF_T2	0	0	0	0	0	0	-1.2	-1.24	1	1	0	1200	1200	0
11/26/2023 11:30	47403 PENS_T1	1	6	5	2.4	0.77	-1.63	0	0	0	0	0	0	0	0
11/26/2023 11:30	42801 SELI_T1	1	1	0	0	0	0	0	0	0	0	0	0	0	0
11/26/2023 11:31	47401 PENS_T1	14	12	-2	0.31	0.33	0.02	0.8	0.6	0	0	0	0	0	0
11/26/2023 11:31	52502 PROG_T2	0	0	0	0	0	0	0.36	0.34	0	0	0	0	0	0
11/26/2023 11:31	65001 NEFF_T2	0	0	0	0	0	0	-1.2	-1.24	1	1	0	1200	1200	0
11/26/2023 11:32	40602 PIGR_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/26/2023 11:32	14401 SSLA_T1	0	7	7	0	0	0	0	0	0	0	0	0	0	0
11/26/2023 11:33	47401 PENS_T1	14	12	-2	0.31	0.33	0.02	0.8	0.6	0	0	0	0	0	0
11/26/2023 11:33	46302 ROHR_T1	1	3	2	0.6	0.93	0.33	-0.38	-0.4	0	0	0	0	0	0
11/26/2023 11:34	46302 ROHR_T1	1	3	2	0.6	0.93	0.33	-0.38	-0.4	0	0	0	0	0	0
11/26/2023 11:34	13302 ORVI_T2	0	0	0	0	0	0	0.65	0.67	0	0	0	0	0	0
11/26/2023 11:34	64101 REFR_T1	0	0	0	0	0	0	-0.06	-0.05	0	0	0	0	0	0
11/26/2023 11:35	14403 SSLA_T1	0	0	0	0	0	0	0.74	0.76	0	0	0	0	0	0
11/26/2023 11:35	47403 PENS_T1	1	6	5	2.4	0.77	-1.63	0	0	0	0	0	0	0	0
11/26/2023 11:35	40602 PIGR_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/26/2023 11:36	47401 PENS_T1	14	12	-2	0.31	0.33	0.02	0.8	0.6	0	0	0	0	0	0
11/26/2023 11:36	46302 ROHR_T1	1	3	2	0.6	0.93	0.33	-0.38	-0.4	0	0	0	0	0	0
11/26/2023 11:36	67204 TEHI_T2	0	0	0	0	0	0	-0.23	-0.22	0	0	0	0	0	0
11/26/2023 11:36	49803 UNIV_T1	0	0	0	0	0	0	-1.15	-1.11	0	0	0	0	0	0
11/26/2023 11:36	42701 AUGU_T1	1	0	-1	0.2	0	-0.2	0	0	2	2	0	1800	1800	0
11/26/2023 11:37	20403 ASHF_T2	1	1	0	0.1	0	-0.1	0.3	0.26	0	0	0	0	0	0
11/26/2023 11:37	42701 AUGU_T1	2	0	-1	0.2	0	-0.2	0	0	2	2	0	1800	1800	0
11/26/2023 11:37	12202 FOGE_T2	0	160	160	0	0.47	0.47	0	0	1	1	0	600	600	0
11/26/2023 11:37	67204 TEHI_T2	0	0	0	0	0	0	-0.23	-0.22	0	0	0	0	0	0
11/26/2023 11:38	42701 AUGU_T1	2	0	-1	0.2	0	-0.2	-1	0	2	2	0	1800	1800	0
11/26/2023 11:39	42701 AUGU_T1	1	0	-1	0.2	0	-0.2	0	0	2	2	0	1800	1800	0
11/26/2023 11:41	53903 HAU_T2	3	3	0	0.37	0.37	0	-0.17	-0.22	0	0	0	0	0	0
11/26/2023 11:45	53903 HAU_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/26/2023 11:46	47401 PENS_T1	10	11	1	0.33	0.38	0.05	0.6	0.75	0	0	0	0	0	0
11/26/2023 11:47	40602 PIGR_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/26/2023 11:47	47401 PENS_T1	10	11	1	0.33	0.38	0.05	0.6	0.75	0	0	0	0	0	0
11/26/2023 11:48	14403 SSLA_T1	0	0	0	0	0	0	0.76	0.76	0	0	0	0	0	0
11/26/2023 11:48	64101 REFR_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/26/2023 11:48	40601 PIGR_T1	1	0	-1	0.1	0	-0.1	0	0	0	0	0	0	0	0
11/26/2023 11:49	47403 PENS_T1	4	7	3	0.88	0.67	-0.21	0	0	0	0	0	0	0	0
11/26/2023 11:49	64101 REFR_T1	0	1	1	0	0	0	-0.1	-0.1	0	0	0	0	0	0
11/26/2023 11:50	14401 SSLA_T1	0	7	7	0	0	0	0	0	0	0	0	0	0	0
11/26/2023 11:50	64101 REFR_T1	0	1	1	0	0	0	-0.05	-0.05	0	0	0	0	0	0
11/26/2023 11:51	47403 PENS_T1	4	7	3	0.88	0.67	-0.21	0	0	0	0	0	0	0	0
11/26/2023 11:52	49803 UNIV_T1	0	0	0	0	0	0	-1.11	-1.11	0	0	0	0	0	0
11/26/2023 11:53	20403 ASHF_T2	1	1	0	0.1	0	-0.1	0.26	0.27	0	0	0	0	0	0
11/26/2023 11:55	64101 REFR_T1	0	1	1	0	0	0	-0.05	-0.05	0	0	0	0	0	0
11/26/2023 11:59	45702 LIND_T2	0	1	1	0.4	0.5	0.1	-0.46	-0.47	0	0	0	0	0	0
11/26/2023 12:03	65001 NEFF_T2	0	0	0	0	0	0	-1.22	-1.24	1	1	0	1200	1200	0
11/26/2023 12:04	40603 PIGR_T1	0	0	0	0	0	0	0.36	0.35	0	0	0	0	0	0
11/26/2023 12:04	14403 SSLA_T1	0	0	0	0	0	0	0.76	0.66	0	0	0	0	0	0
11/26/2023 12:06	14403 SSLA_T1	0	0	0	0	0	0	0.76	0.66	0	0	0	0	0	0
11/26/2023 12:07	42701 AUGU_T1	0	2	2	0	0.2	0.2	0	0	2	2	0	1800	1800	0
11/26/2023 12:08	42701 AUGU_T1	0	2	2	0	0.2	0.2	0	0	2	2	0	1800	1800	0
11/26/2023 12:09	20403 ASHF_T2	0	1	1	0	0	0	0.27	0.31	0	0	0	0	0	0
11/26/2023 12:10	42701 AUGU_T1	0	2	2	0	0.2	0.2	0	0	2	2	0	1800	1800	0
11/26/2023 12:18	49803 UNIV_T1	0	0	0	0	0	0	-1.1	-1.1	0	0	0	0	0	0
11/26/2023 12:23	11104 EGYP_T1	0	0	0	0	0	0	0.39	0.33	0	0	0	0	0	0
11/26/2023 12:26	11104 EGYP_T1	0	0	0	0	0	0	0.33	0.3	0	0	0	0	0	0
11/26/2023 12:31	47403 PENS_T1	6	6	0	0.62	0.65	0.03	0	0	0	0	0	0	0	0
11/26/2023 12:33	47401 PENS_T1	23	6	-17	0.31	0.62	0.31	0.76	0.74	0	0	0	0	0	0
11/26/2023 12:34	47401 PENS_T1	23	6	-17	0.31	0.62	0.31	0.76	0.74	0	0	0	0	0	0
11/26/2023 12:46	47403 PENS_T1	6	3	-3	0.65	1.13	0.48	0	0	0	0	0	0	0	0
11/26/2023 12:49	53903 HAU_T2	2	2	0	0.2	0.2	0	-0.23	-0.23	0	0	0	0	0	0
11/26/2023 12:51	66901 SHIL_T2	0	0	0	0	0	0	-1.76	-1.76	1	1	0	1200	1200	0
11/26/2023 13:05	42701 AUGU_T1	1	1	0	0.2	0.3	0.1	0	0	2	2	0	1800	1800	0
11/26/2023 13:06	42701 AUGU_T1	1	1	0	0.2	0.3	0.1	0	0	2	2	0	1800	1800	0
11/26/2023 13:08	64101 REFR_T1	0	0	0	0	0	0	-0.06	-0.07	0	0	0	0	0	0
11/26/2023 13:17	13901 SEID_T1	0	0	0	0	0	0	0.25	0.24	0	0	0	0	0	0
11/26/2023 13:17	14403 SSLA_T1	0	0	0	0	0	0	0.72	0.75	0	0	0	0	0	0
11/26/2023 13:18	46302 ROHR_T1	3	4	1	1.07	0.35	-0.72	-0.42	-0.43	0	0	0	0	0	0
11/26/2023 13:19	46302 ROHR_T1	3	4	1	1.07	0.35	-0.72	-0.42	-0.43	0	0	0	0	0	0
11/26/2023 13:20	14403 SSLA_T1	0	0	0	0	0	0	0.72	0.75	0	0	0	0	0	0
11/26/2023 13:27	46801 HEPB_T2	0	0	0	0	0	0	0.6	0.59	0	0	0	0	0	0
11/26/2023 13:33	13901 SEID_T1	0	0	0	0	0	0	0.24	0.25	0	0	0	0	0	0
11/26/2023 13:46	52004 LING_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/26/2023 14:07	22001 BOHE_T1	0	0	0	0	0	0	-1.72	-1.72	1	1	0	600	600	0
11/26/2023 14:08	42701 AUGU_T1	0	0	0	0	0	0	0	0	2	2	0	1800	1800	0
11/26/2023 14:08	46203 DANV_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/26/2023 14:10	52403 GRPA_T2	6	13	7	0.37	0.3	-0.07	-0.07	-0.06	0	0	0	0	0	0
11/26/2023 14:11	46203 DANV_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/26/2023 14:13	26401 INOR_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/26/2023 14:15	52402 GRPA_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/26/2023 14:16	52402 GRPA_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/26/2023 14:17	44901 SCOT_T2	0	0	0	0	0	0	-0.64	-0.62	0	0	0	0	0	0
11/26/2023 14:18	44901 SCOT_T2	0	0	0	0	0	0	-0.64	-0.62	0	0	0	0	0	0
11/26/2023 14:19	14403 SSLA_T1	0	0	0	0	0	0	0.72	0.72	0	0	0	0	0	0
11/26/2023 14:19	64101 REFR_T1	0	0	0	0	0	0	-0.06	-0.06	0	0	0	0	0	0

11/26/2023 15:41	14403 SSLA_T1	0	0	0	0	0	0	0.76	0.75	0	0	0	0	0	0
11/26/2023 15:45	64101 REFR_T1	0	0	0	0	0	0	-0.04	-0.05	0	0	0	0	0	0
11/26/2023 15:50	64101 REFR_T1	0	0	0	0	0	0	-0.04	-0.05	0	0	0	0	0	0
11/26/2023 15:56	52402 GRPA_T2	1	1	0	3	3.2	0.2	0	0	0	0	0	0	0	0
11/26/2023 16:00	52404 GRPA_T2	2	1	-1	0.2	0	-0.2	-0.15	-0.15	0	0	0	0	0	0
11/26/2023 16:07	56801 BENV_T1	5	6	1	0.32	0.25	-0.07	-1.28	-1.24	2	2	0	1200	1200	0
11/26/2023 16:08	56801 BENV_T1	5	6	1	0.32	0.25	-0.07	-1.28	-1.24	2	2	0	1200	1200	0
11/26/2023 16:09	56801 BENV_T1	5	6	1	0.32	0.25	-0.07	-0.64	-0.62	1	1	0	600	600	0
11/26/2023 16:10	56801 BENV_T1	5	6	1	0.32	0.25	-0.07	-1.92	-1.86	3	3	0	1800	1800	0
11/26/2023 16:15	43304 WATS_T2	2	2	0	0.15	0	-0.15	-0.81	-0.78	0	0	0	0	0	0
11/26/2023 16:24	11104 EGYP_T1	0	0	0	0	0	0	0.31	0.34	0	0	0	0	0	0
11/26/2023 16:30	52402 GRPA_T2	1	2	1	2	1.85	-0.15	0	0	0	0	0	0	0	0
11/26/2023 16:30	22001 BOHE_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/26/2023 16:31	60803 BUCK_T1	0	0	0	0	0	0	-1.48	-1.42	1	1	0	600	600	0
11/26/2023 16:35	49804 UNIV_T1	1	0	-1	0.4	0	-0.4	0	0	0	0	0	0	0	0
11/26/2023 16:36	43304 WATS_T2	2	0	-2	0.2	0	-0.2	-0.78	-0.8	0	0	0	0	0	0
11/26/2023 16:36	45302 WBER_T2	2	1	-1	0.15	0	-0.15	0.81	0.81	0	0	0	0	0	0
11/26/2023 16:37	45302 WBER_T2	2	1	-1	0.15	0	-0.15	0.81	0.81	0	0	0	0	0	0
11/26/2023 17:59	29402 BELT_T1	1	1	0	6.3	6.9	0.6	0	0	0	0	0	0	0	0
11/26/2023 18:01	46301 ROHR_T1	0	1	1	0	0	0	0	0	0	0	0	0	0	0
11/26/2023 18:04	24902 WHHA_T1	1	4	3	0.5	0.4	-0.1	0.67	0.65	0	0	0	0	0	0
11/26/2023 18:06	17803 GILB_T2	69	123	54	0.23	0.33	0.1	0	0	0	0	0	0	0	0
11/26/2023 18:07	20403 ASHF_T2	0	0	0	0	0	0	0.45	0.46	0	0	0	0	0	0
11/26/2023 18:10	47001 HUGH_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/26/2023 18:11	17803 GILB_T2	69	123	54	0.23	0.33	0.1	0	0	0	0	0	0	0	0
11/26/2023 18:13	27101 GFLD_T2	0	1	1	0	0	0	0.24	0.24	0	0	0	0	0	0
11/26/2023 18:13	26401 INOR_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/26/2023 18:14	29402 BELT_T1	1	1	0	6.5	6.9	0.4	0	0	0	0	0	0	0	0
11/26/2023 18:14	56802 BENV_T2	0	0	0	0	0	0	-1.41	-1.4	0	0	0	0	0	0
11/26/2023 18:16	56802 BENV_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/26/2023 18:16	52502 PROG_T2	0	0	0	0	0	0	-0.52	-0.52	1	1	0	900	900	0
11/26/2023 18:17	64101 REFR_T1	0	0	0	0	0	0	-0.04	-0.04	0	0	0	0	0	0
11/26/2023 18:17	60803 BUCK_T1	0	0	0	0	0	0	-1.44	-1.39	1	1	0	600	600	0
11/26/2023 18:18	29401 BELT_T1	0	0	0	0	0	0	0	0	1	1	0	900	900	0
11/26/2023 18:18	17802 GILB_T1	0	0	0	0	0	0	-0.08	-0.08	0	0	0	0	0	0
11/26/2023 18:19	14802 TREI_T2	1	2	1	1.3	1.4	0.1	0.45	0.44	0	0	0	0	0	0
11/26/2023 18:19	45902 AUBU_T1	0	4	4	0	0.1	0.1	-1.02	-1.03	1	1	0	600	600	0
11/26/2023 18:20	24902 WHHA_T1	4	1	-3	0.58	0	-0.58	0.65	0.63	0	0	0	0	0	0
11/26/2023 18:20	17802 GILB_T1	0	0	0	0	0	0	-0.04	-0.04	0	0	0	0	0	0
11/26/2023 18:21	67502 WEWI_T2	0	0	0	0	0	0	-1.33	-1.39	1	1	0	900	900	0
11/26/2023 18:22	64203 KINZ_T1	0	0	0	0	0	0	-0.7	-0.72	1	1	0	600	600	0
11/26/2023 18:22	52006 LING_T2	2	2	0	0.5	0.3	-0.2	0	0	0	0	0	0	0	0
11/26/2023 18:23	66504 SMAN_T2	0	0	0	0	0	0	-1.84	-1.82	1	1	0	1200	1200	0
11/26/2023 18:23	66505 SMAN_T2	3	3	0	1	0.8	-0.2	-0.55	-0.52	1	1	0	900	900	0
11/26/2023 18:23	64101 REFR_T1	0	0	0	0	0	0	-0.04	-0.04	0	0	0	0	0	0
11/26/2023 18:24	45902 AUBU_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/26/2023 18:24	45302 WBER_T2	1	0	-1	0.2	0	-0.2	0.55	0.51	0	0	0	0	0	0
11/26/2023 18:24	56802 BENV_T2	0	0	0	0	0	0	-1.41	-1.4	0	0	0	0	0	0
11/26/2023 18:24	67503 WEWI_T2	0	0	0	0	0	0	-0.18	-0.26	0	0	0	0	0	0
11/26/2023 18:24	14403 SSLA_T1	1	0	-1	0.4	0	-0.4	0.81	0.79	0	0	0	0	0	0
11/26/2023 18:25	56802 BENV_T2	0	0	0	0	0	0	-1.41	-1.4	0	0	0	0	0	0
11/26/2023 18:25	65001 NEFF_T2	0	0	0	0	0	0	-1.27	-1.29	1	1	0	1200	1200	0
11/26/2023 18:25	44901 SCOT_T2	0	0	0	0	0	0	-0.64	-0.66	0	0	0	0	0	0
11/26/2023 18:25	45902 AUBU_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/26/2023 18:25	67503 WEWI_T2	0	0	0	0	0	0	-0.18	-0.26	0	0	0	0	0	0
11/26/2023 18:26	45902 AUBU_T1	0	4	4	0	0.1	0.1	-1.03	-0.99	1	1	0	600	600	0
11/26/2023 18:26	56802 BENV_T2	0	0	0	0	0	0	-1.4	-1.44	0	0	0	0	0	0
11/26/2023 18:26	40602 PIGR_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/26/2023 18:26	52501 PROG_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/26/2023 18:26	27502 WEIS_T2	0	0	0	0	0	0	-0.51	-0.52	0	0	0	0	0	0
11/26/2023 18:26	41801 GOCI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/26/2023 18:27	48302 ORWI_T2	2	2	0	1	0.8	-0.2	-0.58	-0.56	0	0	0	0	0	0
11/26/2023 18:27	20401 ASHF_T2	0	1	1	0	0	0	0	0	0	0	0	0	0	0
11/26/2023 18:27	44904 SCOT_T1	0	0	0	0	0	0	0.03	0.07	0	0	0	0	0	0
11/26/2023 18:27	40603 PIGR_T1	0	0	0	0	0	0	0.38	0.34	0	0	0	0	0	0
11/26/2023 18:27	14802 TREI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/26/2023 18:27	45902 AUBU_T1	0	4	4	0	0.1	0.1	-1.03	-0.99	1	1	0	600	600	0
11/26/2023 18:27	13904 SEID_T1	1	31	30	0.7	0.65	-0.05	0	0	0	0	0	0	0	0
11/26/2023 18:27	56802 BENV_T2	0	0	0	0	0	0	-1.4	-1.44	0	0	0	0	0	0
11/26/2023 18:28	61303 EARL_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/26/2023 18:28	46203 DANV_T2	0	0	0	0	0	0	-1.24	-1.26	0	0	0	0	0	0
11/26/2023 18:28	48901 FOSP_T2	0	0	0	0	0	0	-0.42	-0.44	1	1	0	600	600	0
11/26/2023 18:29	57403 SPAN_T1	0	0	0	0	0	0	0.13	0.11	0	0	0	0	0	0
11/26/2023 18:29	55002 NEWP_T1	3	3	0	0.33	0.37	0.04	-0.2	-0.22	0	0	0	0	0	0
11/26/2023 18:29	59101 WALK_T2	1	1	0	0	0	0	0.83	0.73	1	1	0	450	450	0
11/26/2023 18:29	12202 FOGE_T2	32	71	39	0.14	0.2	0.06	0	0	1	1	0	600	600	0
11/26/2023 18:29	44901 SCOT_T2	0	0	0	0	0	0	-0.66	-0.63	0	0	0	0	0	0
11/26/2023 18:30	63401 HONT_T1	0	0	0	0	0	0	0.16	0.18	0	0	0	0	0	0
11/26/2023 18:30	40902 JESH_T1	0	0	0	0	0	0	-0.83	-0.86	0	0	0	0	0	0
11/26/2023 18:30	65001 NEFF_T2	0	0	0	0	0	0	-1.29	-1.3	1	1	0	1200	1200	0
11/26/2023 18:30	11104 EGYP_T1	0	0	0	0	0	0	0.27	0.28	0	0	0	0	0	0
11/26/2023 18:30	20401 ASHF_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/26/2023 18:30	67605 WARW_T1	0	0	0	0	0	0	-1.05	-1.02	0	0	0	0	0	0
11/26/2023 18:30	64101 REFR_T1	0	0	0	0	0	0	-0.04	-0.04	0	0	0	0	0	0
11/26/2023 18:30	10801 CHHI_T1	0	0	0	0	0	0	-2.06	-2.08	3	3	0	2100	2100	0
11/26/2023 18:30	56501 ROCK_T2	0	0	0	0	0	0	-1.72	-1.78	0	0	0	0	0	0
11/26/2023 18:30	52502 PROG_T2	0	0	0	0	0	0	-0.52	-0.56	1	1	0	900	900	0
11/26/2023 18:30	28403 HART_T2	0	0	0	0	0	0	-0.83	-0.86	1	1	0	900	900	0
11/26/2023 18:31	14403 SSLA_T1	0	0	0	0	0	0	0.79	0.78	0	0	0	0	0	0
11/26/2023 18:31	56801 BENV_T1	12	12	0	0.98	1.32	0.34	-0.58	-0.61	1	1	0	600	600	0
11/26/2023 18:31	57401 SPAN_T1	0	0	0	0	0	0	-0.7	-0.77	1	1	0	600	600	0
11/26/2023 18:31	53903 HAU_T2	0	0	0	0	0	0	-0.22	-0.18	0	0	0	0	0	0
11/26/2023 18:31	29402 BELT_T1	1	2	1	6.4	6.9	0.5	0	0	0	0	0	0	0	0
11/26/2023 18:31	40101 HUNT_T2	49	13	-36	0.55	0.25	-0.3	-0.58	-0.57	0	0	0	0	0	0
11/26/2023 18:32	60201 ATGL_T2	0	0	0	0	0	0	0.17	0.15	0	0	0	0	0	0
11/26/2023 18:32	46206 DANV_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/26/2023 18:32	55002 NEWP_T1	1	3	2	0.2	0.37	0.17	0	0	0	0	0	0	0	0
11/26/2023 18:32	45902 AUBU_T1	0	4	4	0	0.1	0.1	-1.03	-0.99	1	1	0	600	600	0
11/26/2023 18:32	48901 FOSP_T2	0	0	0	0	0	0	-0.42	-0.44	1	1	0	600	600	0
11/26/2023 18:33	56801 BENV_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/26/2023 18:33	57401 SPAN_T1	0	0	0	0	0	0	-0.7	-0.77	1	1	0	600	600	0
11/26/2023 18:33	11104 EGYP_T1	0	0	0	0	0	0	0.27	0.28	0	0	0	0	0	0
11/26/2023 18:33	41902 REED_T1	9	14	5	0.69	0.97	0.28	0.95	0.95	0	0	0	0	0	0
11/26/2023 18:33	56802 BENV_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/26/2023 18:33	65001 NEFF_T2	0	0	0	0	0	0	-1.29	-1.3	1	1	0	1200	1200	0
11/26/2023 18:34	45501 DERR_T2	0	0	0	0	0	0	0.15	0.18	1	1	0	600	600	0
11/26/2023 18:34	55002 NEWP_T1	1	3	2	0.2	0.37	0.17	0	0	0	0	0	0	0	0
11/26/2023 18:34	67502 WEWI_T2	0	0	0	0	0	0	-1.39	-1.32	1	1	0	900	900	0
11/26/2023 18:34	56802 BENV_T2	0	0	0	0	0	0	-1.4	-1.44	0	0	0	0	0	0
11/26/2023 18:34	46203 DANV_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/26/2023 18:35	57403 SPAN_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/26/2023 18:35	43401 BENT_T1	14	14	0	2.01	1.49	-0.52	0	0	0	0	0	0	0	0
11/26/2023 18:35	44301 BEAV_T2	0	1	1	0	0	0	-1.05	-1.03	1	1	0	600	600	0
11/26/2023 18:35	57401 SPAN_T1	0	0	0	0	0	0	-1.4	-1.54	2	2	0	1200	1200	0
11/26/2023 18:35	14802 TREI_T2	2	1	-1	1	1.2	0.2	0.88	0.88	0	0	0	0	0	0
11/26/2023 18:35	43304 WATS_T2	1	0	-1	0.2	0	-0.2	-0.86	-0.84	0	0	0	0	0	0
11/26/2023 18:35	46203 DANV_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/26/2023 18:35	56802 BENV_T2	0	0	0	0	0	0	-1.4	-1.44	0	0	0	0	0	0
11/26/2023 18:35	55002 NEWP_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/26/2023 18:36	44301 BEAV_T2	0	1	1	0	0	0	-1.05	-1.03	1	1	0	600	600	0
11/26/2023 18:36	43201 MVIL_T2	0	0	0	0	0	0	-1.28	-1.27	0	0	0	0	0	0
11/26/2023 18:36	46301 ROHR_T1	1	0	-1	0.4	0	-0.4	0	0	0	0	0	0	0	0
11/26/2023 18:36	17804 GILB_T2	0	0	0	0	0	0	-0.48	-0.52	0	0	0	0	0	0
11/26/2023 18:36	10801 CHHI_T1	0	0	0	0	0	0	-2.06	-2.08	3	3	0	2100	2100	0
11/26/2023 18:36	42701 AUGU_T1	0	0	0	0	0	0	0	0	4	4	0	3600	3600	0
11/26/2023 18:36	59101 WALK_T2	1	1	0	0	0	0	0.83	0.73	1	1	0	450	450	0
11/26/2023 18:36	40101 HUNT_T2	49	13	-36	0.55	0.25	-0.3	-0.58	-0.57	0	0	0	0	0	0
11/26/2023 18:36	47001 HUGH_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/26/2023 18:36	45902 AUBU_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/26/2023 18:37	52404 GRPA_T2	3	1	-2	0.33	0	-0.33	-0.12	-0.14	0	0	0	0	0	0
11/26/2023 18:37	45402 WBLO_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/26/2023 18:37	46203 DANV_T2	0	0	0	0	0	0	-1.24	-1.26	0	0	0	0	0	0
11/26/2023 18:37	56501 ROCK_T2	0	0	0	0	0	0	-1.72	-1.78	0	0	0	0	0	0
11/26/2023 18:37	56504 ROCK_T2	0	0	0	0	0	0	-0.11	-0.04	0	0	0	0	0	0
11/26/2023 18:37	64101 REFR_T1	0	0	0	0	0	0	-0.04	-0.04	0	0	0	0	0	0
11/26/2023 18:37	45001 LIME_2	1	2	1	2.9	2.9	0	0	0	1	1	0	1200	1200	0
11/26/2023 18:37	43202 MVIL_T2	1	3	2	0.6	0	-0.6	-0.6	-0.61	0	0	0	0	0	0
11/26/2023 18:37	40101 HUNT_T2	49	13	-36	0.55	0.25	-0.3	-0.58	-0.57	0	0	0	0	0	0
11/26/2023 18:37	43302 WATS_T2	3	1	-2	0.13	0.1	-0.03	0	0	0	0	0	0	0	0
11/26/2023 18:37	64801 MONE_T2	0	0	0	0	0	0	-0.54	-0.56	0	0	0	0	0	0
11/26/2023 18:37	56801 BENV_T1	12	12	0	0.98	1.32	0.34	-1.16	-1.22	2	2	0	1200	1200	0
11/26/2023 18:37	56802 BENV_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/26/2023 18:37	14403 SSLA_T1	0	0	0	0	0	0	0.79	0.78	0	0	0	0	0	0
11/26/2023 18:37	52502 PROG_T2	0	0	0	0	0	0	-0.52	-0.56	1	1	0	900	900	0
11/26/2023 18:38	67503 WEWI_T2	0	0	0	0	0	0	-0.26	-0.28	0	0	0	0	0	0
11/26/2023 18:38	43302 WATS_T2	3	1	-2	0.13	0.1	-0.03	0	0	0	0	0	0	0	0
11/26/2023 18:38	45702 LIND_T2	0	0	0	0	0	0	-0.43	-0.45	0	0	0	0	0	0
11/26/2023 18:38	40201 BEGA_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/26/2023 18:38	56801 BENV_T1	12	12	0	0.98	1.32	0.34	-0.58	-0.61	1	1	0	600	600	0
11/26/2023 18:39	42701 AUGU_T1	0	0	0	0	0	0	0	0	2	2	0	1800	1800	0
11/26/2023 18:39	56501 ROCK_T2	0	0	0	0	0	0	-1.72	-1.78	0	0	0	0	0	0
11/26/2023 18:39	46203 DANV_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/26/2023 18:39	64101 REFR_T1	0	0	0	0	0	0	-0.04	-0.04	0	0	0	0	0	0
11/26/2023 18:39	52402 GRPA_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/26/2023 18:40	45001 LIME_2	2	4	2	0.2	0.13	-0.07	0	0	0	0	0	0	0	0
11/26/2023 18:40	57403 SPAN_T1	0	0	0	0	0	0	0.13	0.11	0	0	0	0	0	0
11/26/2023 18:40	56801 BENV_T1	12	12	0	0.98	1.32	0.34	-1.74	-1.83	3	3	0	1800	1800	0
11/26/2023 18:40	60201 ATGL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/26/2023 18:40	56501 ROCK_T2	0	0	0	0	0	0	-5.15	-5.34	0	0	0	0	0	0
11/26/2023 18:40	44301 BEAV_T2	0	1	1	0	0	0	-1.05	-1.03	1	1	0	600	600	0
11/26/2023 18:40	55002 NEWP_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/26/2023 18:41	55002 NEWP_T1	1	3	2	0.2	0.37	0.17	-0.44	-0.42	0	0	0	0	0	0
11/26/2023 18:41	41901 REED_T1	1	0	-1	0.1	0	-0.1	0	0	0	0	0	0	0	0
11/26/2023 18:41	43304 WATS_T2	1	0	-1	0.2	0	-0.2	-1.67	-1.72	0	0	0	0	0	0
11/26/2023 18:41	54701 NEBL_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/26/2023 18:41	56801 BENV_T1	12	12	0	0.98	1.32	0.34	-1.83	-1.8	3	3	0	1800	1800	0
11/26/2023 18:41	56501 ROCK_T2	0	0	0	0	0	0	-1.78	-1.74	0	0	0	0	0	0
11/26/2023 18:41	44301 BEAV_T2	0	1	1	0	0	0	-1.03	-1.06	1	1	0	600	600	0
11/26/2023 18:41	64101 REFR_T1	0	0	0	0	0	0	-0.04	-0.04	0	0	0	0	0	0
11/26/2023 18:41	49803 UNIV_T1	0	0	0	0	0	0	-1.1	-1.06	0	0	0	0	0	0
11/26/2023 18:41	48901 FOSP_T2	0	0	0	0	0	0	-0.44	-0.44	1	1	0	600	600	0
11/26/2023 18:41	45302 WBER_T2	0	0	0	0	0	0	0.54	0.49	0	0	0	0	0	0
11/26/2023 18:42	43301 WATS_T2	0	0	0	0	0	0	-0.62	-0.62	1	1	0	900	900	0
11/26/2023 18:42	45001 LIME_2	2	4	2	0.2	0.13	-0.07	0	0	0	0	0	0	0	0
11/26/2023 18:42	56801 BENV_T1	12	12	0	0.98	1.32	0.34	-0.61	-0.6	1	1	0	600	600	0
11/26/2023 18:42	43001 ALWD_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/26/2023 18:42	67502 WEWI_T2	0	0	0	0	0	0	-1.32	-1.39	1	1	0	900	900	0
11/26/2023 18:42	43302 WATS_T2	3	1	-2	0.13	0.1	-0.03	0	0	0	0	0	0	0	0
11/26/2023 18:42	55002 NEWP_T1	1	3	2	0.2	0.37	0.17	-0.22	-0.21	0	0	0	0	0	0
11/26/2023 18:42	40101 HUNT_T2	49	13	-36	0.55	0.25	-0.3	-0.57	-0.6	0	0	0	0	0	0
11/26/2023 18:42	67503

11/27/2023 7:48	65001 NEFF_T2	0	0	0	0	0	0	-0.67	-0.6	1	1	0	1200	1200	0
11/27/2023 7:53	43402 BENT_T1	0	0	0	0	0	0	-1.52	-1.54	2	1	-1	1500	900	-600
11/27/2023 7:55	43401 BENT_T1	0	1	1	0	0	0	0	0	0	0	0	0	0	0
11/27/2023 7:56	45501 DERR_T2	0	0	0	0	0	0	0.14	0.13	2	2	0	1800	1800	0
11/27/2023 8:09	29402 BELT_T1	3	3	0	2.9	2.97	0.07	0	0	0	0	0	0	0	0
11/27/2023 8:10	29402 BELT_T1	3	3	0	2.9	2.97	0.07	0	0	0	0	0	0	0	0
11/27/2023 8:11	29402 BELT_T1	3	3	0	2.9	2.97	0.07	0	0	0	0	0	0	0	0
11/27/2023 8:11	45501 DERR_T2	0	0	0	0	0	0	0.13	-0.1	2	2	0	1800	1800	0
11/27/2023 8:12	40101 HUNT_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/27/2023 8:13	40101 HUNT_T2	3	246	243	0.47	0.48	0.01	-0.19	-0.13	0	0	0	0	0	0
11/27/2023 8:17	54701 NEBL_T1	0	0	0	0.1	0	0	0	0.1	1	1	0	600	600	0
11/27/2023 8:26	46801 HEPB_T2	2	2	0	0.4	0.3	-0.1	0.61	0.65	0	0	0	0	0	0
11/27/2023 8:30	55001 NEWP_T1	0	1	1	0	0.2	0.2	0	0	0	0	0	0	0	0
11/27/2023 8:42	53601 DALM_T2	1	1	0	0.8	0.6	-0.2	-0.05	0.01	0	0	0	0	0	0
11/27/2023 8:49	13901 SEID_T1	0	0	0	0	0	0	0.24	0.21	0	0	0	0	0	0
11/27/2023 9:00	13901 SEID_T1	0	0	0	0	0	0	0.21	0.2	0	0	0	0	0	0
11/27/2023 9:00	67503 WEWI_T2	0	0	3	0	0	0	-0.03	-0.18	0	0	0	0	0	0
11/27/2023 9:00	60102 COCA_T1	0	0	0	0	0	0	0.83	0.66	2	2	0	1200	1200	0
11/27/2023 9:00	42801 SELI_T1	1	1	0	0	0	0	0	0	0	0	0	0	0	0
11/27/2023 9:00	52503 PROG_T2	0	0	0	0	0	0	-0.61	-0.63	1	1	0	900	900	0
11/27/2023 9:00	66505 SMAN_T2	0	0	0	0	0	0	-0.19	-0.16	2	2	0	1100	1100	0
11/27/2023 9:00	13503 MCMI_T2	0	0	0	0	0	0	0.08	0.09	0	0	0	0	0	0
11/27/2023 9:00	45902 AUBU_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/27/2023 9:00	53903 HALI_T2	2	2	0	0.5	0.5	0	-0.22	-0.22	0	0	0	0	0	0
11/27/2023 9:00	55105 WERT_T1	0	0	0	0	0	0	-0.52	-0.52	1	1	0	900	900	0
11/27/2023 9:02	29401 BELT_T1	44	58	14	0.24	0.28	0.04	0	0	1	1	0	900	900	0
11/27/2023 9:06	66901 SHIL_T2	106	172	66	0.19	0.22	0.03	-1.7	-1.7	1	1	0	1200	1200	0
11/27/2023 9:07	45902 AUBU_T1	0	0	0	0	0	0	-0.46	-0.43	1	1	0	600	600	0
11/27/2023 9:07	29401 BELT_T1	44	58	14	0.24	0.28	0.04	0	0	0	0	0	0	0	0
11/27/2023 9:07	57004 WHBI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/27/2023 9:07	47101 MARL_T1	0	0	0	0	0	0	-0.82	-0.87	1	1	0	600	600	0
11/27/2023 9:08	16302 ALPA_T2	0	8	8	0	0.28	0.28	-1.41	-1.46	0	0	0	0	0	0
11/27/2023 9:09	57006 WHBI_T2	0	32	32	0	0.18	0.18	0	0	0	0	0	0	0	0
11/27/2023 9:09	16302 ALPA_T2	0	8	8	0	0.28	0.28	-0.7	-0.73	0	0	0	0	0	0
11/27/2023 9:09	43001 ALWD_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/27/2023 9:10	40101 HUNT_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/27/2023 9:10	45902 AUBU_T1	0	0	0	0	0	0	-0.46	-0.43	1	1	0	600	600	0
11/27/2023 9:10	45501 DERR_T2	0	0	0	0	0	0	0.13	0.18	2	2	0	1800	1800	0
11/27/2023 9:11	40101 HUNT_T2	124	241	117	0.42	0.48	0.06	-0.28	-0.26	0	0	0	0	0	0
11/27/2023 9:12	45501 DERR_T2	0	0	0	0	0	0	0.18	0.21	2	2	0	1800	1800	0
11/27/2023 9:13	46801 HEPB_T2	2	3	1	0.35	0.2	-0.15	0.62	0.64	0	0	0	0	0	0
11/27/2023 9:16	46801 HEPB_T2	2	2	0	0.2	0.15	-0.05	0.62	0.64	0	0	0	0	0	0
11/27/2023 9:17	55002 NEWP_T1	4	4	0	0.95	1.1	0.15	-0.16	-0.18	0	0	0	0	0	0
11/27/2023 9:18	59301 MCAL_T1	2	2	0	0.2	0.2	0	0	0	0	0	0	0	0	0
11/27/2023 9:20	13302 ORVI_T2	43	92	49	0.25	0.21	-0.04	0.79	0.77	0	0	0	0	0	0
11/27/2023 9:24	29401 BELT_T1	53	57	4	0.25	0.28	0.03	0	0	0	0	0	0	0	0
11/27/2023 9:29	41801 GOCI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/27/2023 9:33	41801 GOCI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/27/2023 9:35	56501 ROCK_T2	1	2	1	2.2	0	-2.2	-1.48	-1.47	0	0	0	0	0	0
11/27/2023 9:35	67502 WEWI_T2	24	3	-21	0.17	0.27	0.1	-1.3	-0.27	1	0	-1	900	0	-900
11/27/2023 9:37	56802 BENV_T2	45	115	70	0.17	0.18	0.01	-1.36	-1.4	0	0	0	0	0	0
11/27/2023 9:37	67502 WEWI_T2	24	3	-21	0.17	0.27	0.1	-1.3	-0.27	1	0	-1	900	0	-900
11/27/2023 9:38	56802 BENV_T2	45	115	70	0.17	0.18	0.01	-1.36	-1.4	0	0	0	0	0	0
11/27/2023 9:39	56802 BENV_T2	45	115	70	0.17	0.18	0.01	-1.36	-1.4	0	0	0	0	0	0
11/27/2023 9:39	46203 DANV_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/27/2023 9:39	67502 WEWI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/27/2023 9:40	29402 BELT_T1	2	2	0	3.85	3.8	-0.05	0	0	0	0	0	0	0	0
11/27/2023 9:40	59202 THOM_T1	4	31	27	0.13	0.18	0.05	0	0	0	0	0	0	0	0
11/27/2023 9:40	56802 BENV_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/27/2023 9:40	46203 DANV_T2	0	0	0	0	0	0	-1.36	-1.31	0	0	0	0	0	0
11/27/2023 9:41	56802 BENV_T2	45	115	70	0.17	0.18	0.01	-1.4	-1.33	0	0	0	0	0	0
11/27/2023 9:42	56802 BENV_T2	45	115	70	0.17	0.18	0.01	-1.4	-1.33	0	0	0	0	0	0
11/27/2023 9:45	46203 DANV_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/27/2023 9:45	17802 GILB_T1	1	1	0	0.8	1	0.2	0.28	0.28	0	0	0	0	0	0
11/27/2023 9:45	40101 HUNT_T2	159	229	70	0.44	0.4	-0.04	-0.24	-0.26	0	0	0	0	0	0
11/27/2023 9:46	55001 NEWP_T1	1	1	0	0.3	0.1	-0.2	0	0	0	0	0	0	0	0
11/27/2023 9:46	54701 NEBL_T1	0	1	1	0	0.1	0.1	0	0	0	0	0	0	0	0
11/27/2023 9:47	54701 NEBL_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/27/2023 9:48	55002 NEWP_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/27/2023 9:49	41901 REID_T1	11	11	0	0.53	0.57	0.04	0	0	0	0	0	0	0	0
11/27/2023 9:49	55002 NEWP_T1	4	4	0	1.1	0.95	-0.15	-0.19	-0.18	0	0	0	0	0	0
11/27/2023 9:49	58402 MORO_T1	0	0	0	0	0	0	-1.84	-1.82	3	3	0	2400	2400	0
11/27/2023 9:49	64101 REFR_T1	0	2	2	0	0.2	0.2	-0.11	-0.16	0	0	0	0	0	0
11/27/2023 9:51	41902 REID_T1	0	0	0	0	0	0	2.24	2.36	0	0	0	0	0	0
11/27/2023 9:51	13302 ORVI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/27/2023 9:54	43804 WATS_T2	1	1	0	0.2	0	-0.2	-0.16	-0.17	0	0	0	0	0	0
11/27/2023 9:54	55002 NEWP_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/27/2023 9:55	16302 ALPA_T2	5	2	-3	0.28	0.2	-0.08	-0.66	-0.67	0	0	0	0	0	0
11/27/2023 10:00	64802 MONE_T2	1	1	0	0.2	0.2	0	0.16	0.22	0	0	0	0	0	0
11/27/2023 10:02	54701 NEBL_T1	0	1	1	0	0.1	0.1	0	0	0	1	1	0	600	600
11/27/2023 10:02	55001 NEWP_T1	1	2	1	0.1	0.1	0	0	0	0	0	0	0	0	0
11/27/2023 10:02	39601 LNFD_T1	0	0	0	0	0	0	0	0	1	0	-1	900	0	-900
11/27/2023 10:02	13302 ORVI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/27/2023 10:03	64101 REFR_T1	2	0	-2	0.2	0	-0.2	-0.16	-0.1	0	0	0	0	0	0
11/27/2023 10:04	55002 NEWP_T1	4	6	2	0.95	0.68	-0.27	-0.36	-0.36	0	0	0	0	0	0
11/27/2023 10:04	67201 TEHI_T1	0	0	0	0	0	0	0.16	0.29	2	2	0	1500	1500	0
11/27/2023 10:05	67502 WEWI_T2	1	0	-1	0.5	0	-0.5	0	0	0	0	0	0	0	0
11/27/2023 10:06	57403 SPAN_T1	0	4	4	0	0.15	0.15	0	0	0	0	0	0	0	0
11/27/2023 10:06	20403 ASHF_T2	1	3	2	0.1	0.37	0.27	1.22	1.16	0	0	0	0	0	0
11/27/2023 10:07	66504 SMAN_T2	0	1	1	0	0.6	0.6	-0.4	-0.34	0	0	0	0	0	0
11/27/2023 10:07	56802 BENV_T2	102	156	54	0.17	0.22	0.05	-1.33	-1.37	0	0	0	0	0	0
11/27/2023 10:07	60504 NMAN_T2	0	2	2	0	0.35	0.35	0	0	0	0	0	0	0	0
11/27/2023 10:07	45901 AUBU_T1	0	0	0	0	0	0	1.92	1.95	0	0	0	0	0	0
11/27/2023 10:07	67203 TEHE_T1	0	0	0	0	0	0	2.05	2.1	2	2	0	1200	1200	0
11/27/2023 10:08	46901 MNTG_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/27/2023 10:08	45902 AUBU_T1	0	0	0	0	0	0	-0.48	-0.5	1	1	0	600	600	0
11/27/2023 10:08	56802 BENV_T2	102	156	54	0.17	0.22	0.05	-1.33	-1.37	0	0	0	0	0	0
11/27/2023 10:09	43304 WATS_T2	0	1	1	0	0	0	0	0	0	0	0	0	0	0
11/27/2023 10:09	42701 AUGU_T1	0	0	0	0	0	0	0	0	2	2	0	1800	1800	0
11/27/2023 10:09	46203 DANV_T2	0	0	0	0	0	0	-1.34	-1.34	0	0	0	0	0	0
11/27/2023 10:10	42701 AUGU_T1	0	0	0	0	0	0	0	0	2	2	0	1800	1800	0
11/27/2023 10:10	45902 AUBU_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/27/2023 10:10	20403 ASHF_T2	1	3	2	0.1	0.37	0.27	1.22	1.16	0	0	0	0	0	0
11/27/2023 10:10	44301 BEAV_T2	0	0	0	0	0	0	0.15	0.3	1	1	0	600	600	0
11/27/2023 10:11	56802 BENV_T2	102	156	54	0.17	0.22	0.05	-1.37	-1.31	0	0	0	0	0	0
11/27/2023 10:11	40101 HUNT_T2	202	221	19	0.44	0.44	0	-0.3	-0.18	0	0	0	0	0	0
11/27/2023 10:11	45902 AUBU_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/27/2023 10:11	29402 BELT_T1	2	1365	1363	3.7	2.8	-0.9	0	0	0	0	0	0	0	0
11/27/2023 10:12	52404 GRPA_T2	1	2	1	0.5	0	-0.5	0	0	0	0	0	0	0	0
11/27/2023 10:13	63404 HONY_T1	12	10	-2	1.42	1.7	0.28	0	0	0	0	0	0	0	0
11/27/2023 10:13	40101 HUNT_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/27/2023 10:14	40101 HUNT_T2	202	221	19	0.44	0.44	0	-0.3	-0.18	0	0	0	0	0	0
11/27/2023 10:15	10801 CHHI_T1	0	1	1	0	0.2	0.2	-0.92	-0.97	1	1	0	900	900	0
11/27/2023 10:15	52403 GRPA_T2	1	0	-1	1.3	0	-1.3	0.03	0.01	0	0	0	0	0	0
11/27/2023 10:15	12701 MACU_T1	0	0	0	0	0	0	0.06	0.05	0	0	0	0	0	0
11/27/2023 10:15	43202 MVIL_T2	0	0	0	0	0	0	-0.6	-0.61	0	0	0	0	0	0
11/27/2023 10:16	26401 INOR_T1	2	1	-1	0.1	0.5	0.4	0	0	0	0	0	0	0	0
11/27/2023 10:17	13302 ORVI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/27/2023 10:18	52502 PROG_T2	0	0	0	0	0	0	-0.59	0.41	1	0	-1	900	0	-900
11/27/2023 10:18	67002 STHI_T2	68	56	-12	0.17	0.16	-0.01	0.66	0.67	0	0	0	0	0	0
11/27/2023 10:18	54001 SDLE_T1	5	5	0	0.66	0.82	0.16	0	0	0	0	0	0	0	0
11/27/2023 10:18	43202 MVIL_T2	0	0	0	0	0	0	-0.6	-0.61	0	0	0	0	0	0
11/27/2023 10:19	13302 ORVI_T2	303	507	204	0.25	0.28	0.03	0.79	0.77	0	0	0	0	0	0
11/27/2023 10:19	65001 NEFF_T2	0	1	1	0	0.1	0.1	-0.55	-0.56	1	1	0	1200	1200	0
11/27/2023 10:19	12701 MACU_T1	0	0	0	0	0	0	0.06	0.05	0	0	0	0	0	0
11/27/2023 10:19	54001 SDLE_T1	5	5	0	0.66	0.82	0.16	0	0	0	0	0	0	0	0
11/27/2023 10:20	55101 WERT_T1	0	0	0	0	0	0	-1.56	-1.45	2	2	0	1500	1500	0
11/27/2023 10:20	56501 ROCK_T2	1	0	-1	0.3	0	-0.3	-1.41	-1.38	0	0	0	0	0	0
11/27/2023 10:20	52502 PROG_T2	0	0	0	0	0	0	-0.59	0.41	1	0	-1	900	0	-900
11/27/2023 10:21	67001 STHI_T2	386	437	51	0.16	0.17	0.01	0	0	0	0	0	0	0	0
11/27/2023 10:21	29402 BELT_T1	1	2	1	0.1	0.45	0.35	0	0	0	0	0	0	0	0
11/27/2023 10:21	52502 PROG_T2	0	0	0	0	0	0	-0.59	0.41	1	0	-1	900	0	-900
11/27/2023 10:21	43201 MVIL_T2	0	0	0	0	0	0	-0.38	-0.37	0	0	0	0	0	0
11/27/2023 10:22	29401 BELT_T1	56	0	-56	0.26	0	-0.26	0	0	1	0	-1	900	0	-900
11/27/2023 10:22	54001 SDLE_T1	5	5	0	0.66	0.82	0.16	0	0	0	0	0	0	0	0
11/27/2023 10:24	29402 BELT_T1	1	2	1	0.1	0.45	0.35	0	0	0	0	0	0	0	0
11/27/2023 10:24	67605 WARW_T1	3	6	3	0.27	0.3	0.03	-1.2	-1.26	0	0	0	0	0	0
11/27/2023 10:25	53501 EVIL_T2	0	8	8	0	1.09	1.09	-0.71	-0.74	1	1	0	600	600	0
11/27/2023 10:25	55101 WERT_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/27/2023 10:26	53501 EVIL_T2	0	8	8	0	1.09	1.09	-0.74	-0.67	1	1	0	600	600	0
11/27/2023 10:26	52004 LING_T2	2	0	-2	0.4	0	-0.4	0	0	0	0	0	0	0	0
11/27/2023 10:26	46004 BERW_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/27/2023 10:26	53903 HALI_T2	2	2	0	0.5	0.8	0.3	-0.21	-0.22	0	0	0	0	0	0
11/27/2023 10:27	53501 EVIL_T2	0	8	8	0	1.09	1.09	-0.74	-0.67	1	1	0	600	600	0
11/27/2023 10:29	53903 HALI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/27/2023 10:29	40101 HUNT_T2	212	217	5	0.51	0.47	-0.04	-0.18	-0.31	0	0	0	0	0	0
11/27/2023 10:30	41903 REED_T1	0	1	1	0	0	0	0	0	0	0	0	0	0	0
11/27/2023 10:30	53501 EVIL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/27/2023 10:31	53903 HALI_T2	2	2	0	0.8	0.4	-0.4	-0.21	-0.22	0	0	0	0	0	0
11/27/2023 10:32	64305 LINC_T1	1	0	-1	0.1	0	-0.1	0	0	0	0	0	0	0	0
11/27/2023 10:34	56501 ROCK_T2	0	0	0	0	0	0	-1.38	-1.39	0	0	0	0	0	0
11/27/2023 10:35	59101 WALK_T2	1	2	1	0	0	0	1.72	1.79	0	0	0	0	0	0
11/27/2023 10:36	41902 REED_T1	0	1	1	0	0	0	1.21	1.21	0	0	0	0	0	0
11/27/2023 10:36	40201 BEGA_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/27/2023 10:36	56501 ROCK_T2	0	0	0	0	0	0	-1.38	-1.39	0	0	0	0	0	0
11/27/2023 10:36	56801 BENV_T1	11	16	5	1.09	0.96	-0.13	-0.63	-0.65	1	1	0	600	600	0
11/27/2023 10:36	43402 BENT_T1	0	0	0	0	0	0	-0.83	-1.48	1	2	1	900	1500	600
11/27/2023 10:36	45402 WBLO_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/27/2023 10:37	56501 ROCK_T2	0	0	0	0	0	0	-4.13	-4.16	0	0	0	0	0	0
11/27/2023 10:38	43001 ALWD_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/27/2023 10:38	59102 WALK_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/27/2023 10:39	40201 BEGA_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/27/2023 10:40	46204 DANV_T2	0	1	1	0	0	0	0	0	0	0	0	0	0	0
11/27/2023 10:40	56801 BENV_T1	11	16	5	1.09	0.96	-0.13	-0.63	-0.65	1	1	0	600	600	0
11/27/2023 10:43	40101 HUNT_T2	199	237	38	0.49	0.54	0.05	-0.62	-0.76	0	0	0	0	0	0
11/27/2023 10:45	55002 NEWP_T1	4	4	0	0.93	0.78	-0.15	0	0	0	0	0	0	0	0
11/27/2023 10:46	63601 LETO_T1	0	0	0	0	0	0	1.07	0.92	1	1	0	900	900	0
11/27/2023 10:50	65001 NEFF_T2	1	0	-1	0.1	0	-0.1	-0.5	-0.52	1	1	0	1200	1200	0
11/27/2023 10:50	40602 PIGR_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/27/2023 10:51	60201 ATGL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/27/2023 10:52	45902 AUBU_T1	0	1	1	0	0.5	0.5	-0.5	-0.56	1	1	0	600	600	0
11/27/2023 10:52	40602 PIGR_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/27/2023 10:54	46204 DANV_T2	0	1	1	0	1.6	1.6	0	0	0	0	0	0	0	0
11/27/2023 10:54	27502 WEIS_T2	0	0	0	0	0	0	-0.52	-0.52	0	0	0	0	0	0
11/27/2023 10:55	40101 HUNT_T2	201	231	30	0.57	0.5	-0.07	-0.31	-0.38	0	0	0	0	0	0
11/27/2023 10:59	45802 HEGI_T2	0	0	0	0	0	0	0.83	0.83	0	0	0	0	0	0
11/27/2023 10:59	59003 MIFF_T1	0	0	0	0	0	0	-1.36	-0.44	0	0	0	0	0	0
11/27/2023 11:00	26401 INOR_T1	0	0	0	0	0	0	0.52	0.46	0	0	0	0	0	0
11/27/2023 11:00	59003 MIFF_T1	0	0	0	0	0	0	-1.36	-0.44	0	0	0	0	0	0
11/27/2023 11:01

11/27/2023 11:33	12701 MACU_T1	0	0	0	0	0	0	0.06	0.02	0	0	0	0	0	0
11/27/2023 11:33	64101 REFR_T1	0	0	0	0	0	0	-0.1	-0.15	0	0	0	0	0	0
11/27/2023 11:34	64101 REFR_T1	0	0	0	0	0	0	-0.1	-0.15	0	0	0	0	0	0
11/27/2023 11:36	17803 GILB_T2	1	3	2	0.1	0.1	0	0	0	0	0	0	0	0	0
11/27/2023 11:36	60201 ATGL_T2	0	0	0	0	0	0	-0.08	-0.04	1	1	0	600	600	0
11/27/2023 11:36	64101 REFR_T1	0	0	0	0	0	0	-0.3	-0.46	0	0	0	0	0	0
11/27/2023 11:37	46001 BERW_T1	0	0	0	0	0	0	1.05	1.08	0	0	0	0	0	0
11/27/2023 11:37	17803 GILB_T2	1	3	2	0.1	0.1	0	0	0	0	0	0	0	0	0
11/27/2023 11:37	66901 SHIL_T2	115	162	47	0.18	0.23	0.05	-1.69	-1.67	1	1	0	1200	1200	0
11/27/2023 11:37	13901 SEID_T1	0	0	0	0	0	0	0.19	0.2	0	0	0	0	0	0
11/27/2023 11:38	46001 BERW_T1	0	0	0	0	0	0	1.05	1.08	0	0	0	0	0	0
11/27/2023 11:38	60201 ATGL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/27/2023 11:38	63602 LETO_T1	0	9	9	0	0.17	0.17	-0.45	-0.44	0	0	0	0	0	0
11/27/2023 11:39	57004 WIHI_T2	0	0	1	0	0	0	0	0	0	0	0	0	0	0
11/27/2023 11:39	10805 CHHI_T2	7	8	1	2.23	1.34	-0.89	-0.83	-1.02	1	1	0	600	600	0
11/27/2023 11:40	16302 ALPA_T2	0	0	0	0	0	0	0.68	0.62	0	0	0	0	0	0
11/27/2023 11:41	16302 ALPA_T2	0	0	0	0	0	0	0.62	0.64	0	0	0	0	0	0
11/27/2023 11:41	52502 PROG_T2	0	0	0	0	0	0	-0.57	0.41	1	0	-1	900	0	-900
11/27/2023 11:42	28403 HART_T2	0	0	0	0	0	0	-0.97	-0.96	1	1	0	900	900	0
11/27/2023 11:42	63404 HONY_T1	2	2	0	6.9	7.4	0.5	0	0	0	0	0	0	0	0
11/27/2023 11:43	22101 EDEL_T2	0	0	0	0	0	0	0.5	0.49	1	1	0	1200	1200	0
11/27/2023 11:45	45702 LIND_T2	1	1	0	1.1	1.3	0.2	-0.51	-0.45	0	0	0	0	0	0
11/27/2023 11:45	26401 INOR_T1	0	3	3	0	0.3	0.3	0.49	0.41	0	0	0	0	0	0
11/27/2023 11:47	64101 REFR_T1	0	0	0	0	0	0	-0.31	-0.1	0	0	0	0	0	0
11/27/2023 11:49	64101 REFR_T1	0	0	0	0	0	0	-0.31	-0.1	0	0	0	0	0	0
11/27/2023 11:50	66701 STRA_T1	1	1	0	0.8	0.3	-0.5	0	0	0	0	0	0	0	0
11/27/2023 11:51	16302 ALPA_T2	0	0	0	0	0	0	0.62	0.64	0	0	0	0	0	0
11/27/2023 11:52	64101 REFR_T1	0	0	0	0	0	0	-0.15	-0.05	0	0	0	0	0	0
11/27/2023 11:52	55101 WERT_T1	0	0	0	0	0	0	-1.54	-1.57	2	2	0	1500	1500	0
11/27/2023 11:53	55101 WERT_T1	0	0	0	0	0	0	-1.54	-1.57	2	2	0	1500	1500	0
11/27/2023 11:53	46001 BERW_T1	0	0	0	0	0	0	1.08	1	0	0	0	0	0	0
11/27/2023 11:54	46001 BERW_T1	0	0	0	0	0	0	1.08	1	0	0	0	0	0	0
11/27/2023 11:54	55101 WERT_T1	0	0	0	0	0	0	-3.08	-3.14	4	4	0	3000	3000	0
11/27/2023 11:55	10805 CHHI_T2	6	9	3	1.7	1.39	-0.31	-1.02	-0.97	1	1	0	600	600	0
11/27/2023 11:55	46004 BERW_T2	0	1	1	0	7.5	7.5	-0.58	-0.57	0	0	0	0	0	0
11/27/2023 11:55	57004 WIHI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/27/2023 11:55	55101 WERT_T1	0	0	0	0	0	0	-3.08	-3.14	4	4	0	3000	3000	0
11/27/2023 11:58	63404 HONY_T1	2	2	0	7.15	7.5	0.35	0	0	0	0	0	0	0	0
11/27/2023 12:00	26401 INOR_T1	2	1	-1	0.35	0.3	-0.05	0.41	0.33	0	0	0	0	0	0
11/27/2023 12:05	67002 STHI_T2	42	104	62	0.25	0.22	-0.03	1.34	1.32	0	0	0	0	0	0
11/27/2023 12:05	52402 GRPA_T2	5	5	0	0.86	1.33	0.47	0	0	0	0	0	0	0	0
11/27/2023 12:06	67001 STHI_T2	188	432	244	0.13	0.18	0.05	0	0	0	0	0	0	0	0
11/27/2023 12:06	67204 TEHI_T2	0	1	1	0	0.2	0.2	-0.06	-0.07	0	0	0	0	0	0
11/27/2023 12:07	16302 ALPA_T2	0	0	0	0	0	0	0.64	0.57	0	0	0	0	0	0
11/27/2023 12:08	46001 BERW_T1	0	0	0	0	0	0	1	0.98	0	0	0	0	0	0
11/27/2023 12:08	67204 TEHI_T2	0	1	1	0	0.2	0.2	-0.06	-0.07	0	0	0	0	0	0
11/27/2023 12:08	63602 LETO_T1	9	23	14	0.13	0.1	-0.03	0	0	0	0	0	0	0	0
11/27/2023 12:10	48901 FOSP_T2	0	0	0	0	0	0	-0.05	-0.06	1	1	0	600	600	0
11/27/2023 12:10	10805 CHHI_T2	8	9	1	1.41	1.26	-0.15	-0.97	-1.2	1	1	0	600	600	0
11/27/2023 12:10	46001 BERW_T1	0	0	0	0	0	0	1	0.98	0	0	0	0	0	0
11/27/2023 12:12	48901 FOSP_T2	0	0	0	0	0	0	-0.06	0.01	1	1	0	600	600	0
11/27/2023 12:12	52502 PROG_T2	0	0	0	0	0	0	0.41	0.39	0	0	0	0	0	0
11/27/2023 12:14	63401 HONY_T1	0	0	0	0	0	0	0.86	0.84	0	0	0	0	0	0
11/27/2023 12:14	48901 FOSP_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/27/2023 12:15	48901 FOSP_T2	0	0	0	0	0	0	-0.06	0.01	1	1	0	600	600	0
11/27/2023 12:16	55105 WERT_T1	0	0	0	0	0	0	-0.53	-0.52	1	1	0	900	900	0
11/27/2023 12:17	54201 PENN_T1	10	10	0	1.29	1.27	-0.02	-0.39	-0.34	0	0	0	0	0	0
11/27/2023 12:18	47401 PENS_T1	0	0	0	0	0	0	-0.38	-0.36	0	0	0	0	0	0
11/27/2023 12:18	65005 NEFF_T2	1	1	0	0.5	0.7	0.2	0	0	0	0	0	0	0	0
11/27/2023 12:18	64101 REFR_T1	0	0	0	0	0	0	-0.05	-0.06	0	0	0	0	0	0
11/27/2023 12:19	65702 RVIL_T2	6	6	6	0	0.33	0.33	-1.05	-1.03	1	1	0	600	600	0
11/27/2023 12:19	47403 PENS_T1	1	1	0	1.9	1.8	-0.1	0	0	0	0	0	0	0	0
11/27/2023 12:19	65005 NEFF_T2	1	1	0	0.5	0.7	0.2	0	0	0	0	0	0	0	0
11/27/2023 12:19	64101 REFR_T1	0	0	0	0	0	0	-0.05	-0.06	0	0	0	0	0	0
11/27/2023 12:20	54206 PENN_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/27/2023 12:20	64101 REFR_T1	0	0	0	0	0	0	-0.05	-0.06	0	0	0	0	0	0
11/27/2023 12:21	64101 REFR_T1	0	0	0	0	0	0	-0.05	-0.06	0	0	0	0	0	0
11/27/2023 12:21	47401 PENS_T1	0	0	0	0	0	0	-0.38	-0.36	0	0	0	0	0	0
11/27/2023 12:22	65702 RVIL_T2	0	6	6	0	0.33	0.33	-1.05	-1.03	1	1	0	600	600	0
11/27/2023 12:27	51604 DUKE_T2	10	7	-3	0.19	0.11	-0.08	-1.64	-1.65	1	1	0	900	900	0
11/27/2023 12:31	26401 INOR_T1	1	1	0	0.3	0.2	-0.1	0.34	0.33	0	0	0	0	0	0
11/27/2023 12:34	47403 PENS_T1	1	1	0	1.8	1.5	-0.3	0	0	0	0	0	0	0	0
11/27/2023 12:35	47401 PENS_T1	0	1	1	0	0	0	-0.36	-0.41	0	0	0	0	0	0
11/27/2023 12:45	28403 HART_T2	0	0	0	0	0	0	-0.97	-0.98	1	1	0	900	900	0
11/27/2023 12:50	55101 WERT_T1	0	0	0	0	0	0	-1.49	-1.44	2	2	0	1500	1500	0
11/27/2023 12:52	55101 WERT_T1	0	0	0	0	0	0	-1.49	-1.44	2	2	0	1500	1500	0
11/27/2023 12:53	55101 WERT_T1	0	0	0	0	0	0	-2.97	-2.87	4	4	0	3000	3000	0
11/27/2023 12:54	55105 WERT_T1	0	0	0	0	0	0	-0.54	-0.52	1	1	0	900	900	0
11/27/2023 12:55	55101 WERT_T1	0	0	0	0	0	0	-1.49	-1.44	2	2	0	1500	1500	0
11/27/2023 13:00	49803 UNIV_T1	0	0	0	0	0	0	-0.99	-1.02	0	0	0	0	0	0
11/27/2023 13:03	64101 REFR_T1	0	0	0	0	0	0	-0.07	-0.05	0	0	0	0	0	0
11/27/2023 13:04	49803 UNIV_T1	0	0	0	0	0	0	-0.99	-1.02	0	0	0	0	0	0
11/27/2023 13:04	67204 TEHI_T2	0	0	0	0	0	0	-0.1	-0.06	0	0	0	0	0	0
11/27/2023 13:06	64101 REFR_T1	0	0	0	0	0	0	-0.21	-0.14	0	0	0	0	0	0
11/27/2023 13:08	60201 ATGL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/27/2023 13:08	10805 CHHI_T2	7	6	-1	2.94	8	5.06	-0.93	-0.93	1	1	0	600	600	0
11/27/2023 13:18	64101 REFR_T1	0	0	0	0	0	0	-0.05	-0.07	0	0	0	0	0	0
11/27/2023 13:47	49803 UNIV_T1	0	0	0	0	0	0	-1.1	-1.09	0	0	0	0	0	0
11/27/2023 13:49	64101 REFR_T1	0	0	0	0	0	0	-0.04	-0.05	0	0	0	0	0	0
11/27/2023 13:51	64101 REFR_T1	0	0	0	0	0	0	-0.04	-0.05	0	0	0	0	0	0
11/27/2023 13:56	56603 HAMP_T1	0	0	0	0	0	0	-1.17	-1.13	0	0	0	0	0	0
11/27/2023 14:03	49803 UNIV_T1	0	0	0	0	0	0	-1.09	-1.07	0	0	0	0	0	0
11/27/2023 14:07	59101 WALK_T2	3	1	-2	0.65	0	-0.65	3.6	2.98	0	2	2	0	900	900
11/27/2023 14:08	43001 ALWD_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/27/2023 14:08	46203 DANV_T2	0	0	0	0	0	0	-1.26	-1.25	0	0	0	0	0	0
11/27/2023 14:08	59101 WALK_T2	3	1	-2	0.65	0	-0.65	1.8	1.49	1	1	0	450	450	0
11/27/2023 14:08	46203 DANV_T2	0	0	0	0	0	0	-1.26	-1.25	0	0	0	0	0	0
11/27/2023 14:09	46203 DANV_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/27/2023 14:10	54505 ENOL_T2	1	1	0	0.8	0.8	0	0	0	0	0	0	0	0	0
11/27/2023 14:10	46203 DANV_T2	0	0	0	0	0	0	-1.26	-1.25	0	0	0	0	0	0
11/27/2023 14:11	53903 HALI_T2	2	2	0	0.6	0.6	0	-0.18	-0.21	0	0	0	0	0	0
11/27/2023 14:12	46206 DANV_T2	2	3	1	0.35	0	-0.35	0	0	0	0	0	0	0	0
11/27/2023 14:13	27101 GFLD_T2	0	1	1	0	0	0	0.26	0.3	0	0	0	0	0	0
11/27/2023 14:14	54502 ENOL_T2	1	1	0	0.1	0.1	0	-1.99	-1.97	1	1	0	600	600	0
11/27/2023 14:15	47001 HUGH_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/27/2023 14:15	53903 HALI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/27/2023 14:17	61801 EELI_T2	0	0	0	0	0	0	-0.33	-0.3	0	0	0	0	0	0
11/27/2023 14:18	49803 UNIV_T1	0	0	0	0	0	0	-1.07	-1.07	0	0	0	0	0	0
11/27/2023 14:18	52502 PROG_T2	0	0	0	0	0	0	0.4	0.46	0	0	0	0	0	0
11/27/2023 14:19	57401 SPAN_T1	1	2	1	0.2	0.35	0.15	-0.84	-0.83	1	1	0	600	600	0
11/27/2023 14:19	40603 PIGR_T1	0	0	0	0	0	0	0.38	0.35	0	0	0	0	0	0
11/27/2023 14:19	41901 REED_T1	9	9	0	0.38	0.43	0.05	0	0	0	0	0	0	0	0
11/27/2023 14:20	52502 PROG_T2	0	0	0	0	0	0	0.4	0.46	0	0	0	0	0	0
11/27/2023 14:20	44601 SALE_T2	0	0	0	0	0	0	0.74	0.69	1	1	0	600	600	0
11/27/2023 14:20	57401 SPAN_T1	1	2	1	0.2	0.35	0.15	-0.84	-0.83	1	1	0	600	600	0
11/27/2023 14:21	44601 SALE_T2	0	0	0	0	0	0	0.74	0.69	1	1	0	600	600	0
11/27/2023 14:21	52502 PROG_T2	0	0	0	0	0	0	0.81	0.92	0	0	0	0	0	0
11/27/2023 14:21	67502 WEWI_T2	0	1	1	0	0.1	0.1	-0.25	-0.19	0	0	0	0	0	0
11/27/2023 14:21	43304 WATS_T2	0	0	0	0	0	0	-0.17	-0.19	0	0	0	0	0	0
11/27/2023 14:22	43301 WATS_T2	0	0	0	0	0	0	-0.53	-0.6	1	1	0	900	900	0
11/27/2023 14:22	43301 WATS_T2	0	0	0	0	0	0	-0.53	-0.6	1	1	0	900	900	0
11/27/2023 14:22	66703 STRA_T1	0	0	0	0	0	0	-0.1	-0.07	0	0	0	0	0	0
11/27/2023 14:22	67502 WEWI_T2	0	1	1	0	0.1	0.1	-0.25	-0.19	0	0	0	0	0	0
11/27/2023 14:22	57403 SPAN_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/27/2023 14:23	67503 WEWI_T2	0	0	0	0	0	0	-0.35	-0.34	0	0	0	0	0	0
11/27/2023 14:23	57403 SPAN_T1	21	4	-17	0.3	0.23	-0.07	0	0	0	0	0	0	0	0
11/27/2023 14:23	67502 WEWI_T2	0	1	1	0	0.1	0.1	-0.25	-0.19	0	0	0	0	0	0
11/27/2023 14:23	43304 WATS_T2	0	1	1	0	0	0	-0.17	-0.19	0	0	0	0	0	0
11/27/2023 14:24	43304 WATS_T2	0	0	0	0	0	0	-0.17	-0.19	0	0	0	0	0	0
11/27/2023 14:24	46203 DANV_T2	0	0	0	0	0	0	-1.25	-1.25	0	0	0	0	0	0
11/27/2023 14:24	43001 ALWD_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/27/2023 14:25	67503 WEWI_T2	0	0	0	0	0	0	-0.35	-0.34	0	0	0	0	0	0
11/27/2023 14:25	43304 WATS_T2	0	1	1	0	0	0	-0.17	-0.19	0	0	0	0	0	0
11/27/2023 14:26	53903 HALI_T2	2	2	0	0.55	0.6	0.05	-0.21	-0.2	0	0	0	0	0	0
11/27/2023 14:26	46206 DANV_T2	0	3	3	0	0.2	0.2	0	0	0	0	0	0	0	0
11/27/2023 14:26	61303 EARL_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/27/2023 14:27	46206 DANV_T2	0	3	3	0	0.2	0.2	0	0	0	0	0	0	0	0
11/27/2023 14:27	61303 EARL_T1	0	0	0	0	0	0	0.35	0.34	0	0	0	0	0	0
11/27/2023 14:28	45702 LIND_T2	1	35	34	1.7	0.23	-1.47	-0.44	-0.45	0	0	0	0	0	0
11/27/2023 14:30	46903 MNTG_T2	0	0	0	0	0	0	0.04	0.05	1	1	0	600	600	0
11/27/2023 14:31	53903 HALI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/27/2023 14:33	57403 SPAN_T1	4	6	2	0.2	0.25	0.05	0	0	0	0	0	0	0	0
11/27/2023 14:34	49803 UNIV_T1	0	0	0	0	0	0	-1.07	-1.07	0	0	0	0	0	0
11/27/2023 14:35	41901 REED_T1	9	10	1	0.43	0.38	-0.05	0	0	0	0	0	0	0	0
11/27/2023 14:35	57403 SPAN_T1	4	6	2	0.2	0.25	0.05	0	0	0	0	0	0	0	0
11/27/2023 14:35	59101 WALK_T2	1	1	0	0	0	0	1.64	1.41	1	1	0	450	450	0
11/27/2023 14:36	43304 WATS_T2	1	1	0	0.4	0	-0.4	0	0	0	0	0	0	0	0
11/27/2023 14:37	67001 STHI_T2	254	462	208	0.12	0.19	0.07	0	0	0	0	0	0	0	0
11/27/2023 14:37	43304 WATS_T2	1	1	0	0.4	0	-0.4	-0.39	-0.39	0	0	0	0	0	0
11/27/2023 14:37	57401 SPAN_T1	2	2	0	0.35	0.4	0.05	0	0	0	0	0	0	0	0
11/27/2023 14:37	43301 WATS_T2	0	0	0	0	0	0	-1.2	-1.17	2	2	0	1800	1800	0
11/27/2023 14:37	60201 ATGL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/27/2023 14:38	43304 WATS_T2	1	1	0	0.4	0	-0.4	-0.39	-0.39	0	0	0	0	0	0
11/27/2023 14:38	43304 WATS_T2	1	1	0	0.4	0	-0.4	-0.39	-0.39	0	0	0	0	0	0
11/27/2023 14:38	57401 SPAN_T1	2	2	0	0.35	0.4	0.05	0	0	0	0	0	0	0	0
11/27/2023 14:38	67502 WEWI_T2	0	1	1	0	0.1	0.1	-0.39	-0.38	0	0	0	0	0	0
11/27/2023 14:38	67001 STHI_T2	254	462	208	0.12	0.19	0.07	0	0	0	0	0	0	0	0
11/27/2023 14:38	66703 STRA_T1	0	0	0	0	0	0	-0.07	-0.12	0	0	0	0	0	0
11/27/2023 14:39	43304 WATS_T2	1	1	0	0.4	0	-0.4	-0.19	-0.19	0	0	0	0	0	0
11/27/2023 14:39	43301 WATS_T2	0	0	0	0	0	0	-0.6	-0.59	1	1	0	900	900	0
11/27/2023 14:40	43304 WATS_T2	1	1	0	0.4	0	-0.4	-0.19	-0.19	0	0	0	0	0	0
11/27/2023 14:40	43304 WATS_T2	1	1	0	0.4	0	-0.4	-0.19	-0.19	0	0	0	0	0	0
11/27/2023 14:41	54502 ENOL_T2	0	1	1	0	0.1	0.1	0	0	0	0	0	0	0	0
11/27/2023 14:42	52402 GRPA_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/27/2023 14:42	63203 MGTN_T1	0	0	0	0	0	0	-0.85	-0.89	2	2	0	1200	1200	0
11/27/2023 14:42	10805 CHHI_T2	7	7	0	1.81	8	6.19	-0.73	-0.92	1	1	0	600	600	0
11/27/2023 14:42	42701 AUGU_T1	0	1	1	0	0	0	1	0	2	2	0	1800	1800	0
11/27/2023 14:43	10805 CHHI_T2	7	7	0	1.81	8	6.19	-0.73	-0.92	1	1	0	600	600	0
11/27/2023 14:44	52402 GRPA_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/27/2023 14:45	46903 MNTG_T2	0	16	16	0	0.12	0.12	0.05	-0.05	1	1	0	600	600	0
11/27/2023 14:46	46903 MNTG_T2	0	16	16	0	0.12	0.12	0.05	-0.05	1	1	0	600	600	0
11/27/2023 14:46	47401 PENS_T1	0	0	0	0	0	0	-0.43	-0.46	0	0	0	0	0	0
11/27/2023 14:48	47403 PENS_T1	1	1	0	2.1	1.8	-0.3	0	0	0	0	0	0	0	0
11/27/2023 14:48	52501 PROG_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/27/2023 14:50	55101 WERT_T1	0	0	0	0	0	0	-1.46	-1.53	2	2	0	1500	1500	0
11/27/2023 14:50	40603 PIGR_T1	0	0	0	0	0	0	0.37	0.35	0	0	0	0	0	0
11/27/2023 14:51	41901 REED_T1	6	10	4	0.38	0.39	0.01	0	0	0	0	0	0	0	0
11/27/2023 14:51	55101 WERT_T1	0	0	0	0	0	0	-1.46	-1.53	2	2	0	1500	1500	0
11/27/2023 14:53	55101 WERT_T1	0	0	0	0	0	0	-2.92	-3.05	4	4	0	3000	3000	0
11/27/2023 14:53	57403 SPAN_T1	4	6	2	0.23	0.25	0.02	0	0	0	0

11/27/2023 18:26	45502 DERR_T2	0	1	1	0	0	0	0	0	0	0	0	0	0	0
11/27/2023 18:27	43402 BENT_T1	0	2	2	0	0.15	0.15	-0.86	-0.86	1	1	0	900	900	0
11/27/2023 18:29	39601 LNFD_T1	2	8	6	0.1	0.89	0.79	0	0	0	0	0	0	0	0
11/27/2023 18:29	43402 BENT_T1	0	2	2	0	0.15	0.15	-0.86	-0.86	1	1	0	900	900	0
11/27/2023 18:29	27101 GFLD_T2	1	1	0	0.1	0	-0.1	0.36	0.37	0	0	0	0	0	0
11/27/2023 18:30	16302 ALPA_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/27/2023 18:30	46903 MNTG_T2	0	0	0	0	0	0	-0.24	-0.23	1	1	0	600	600	0
11/27/2023 18:30	44901 SCOT_T2	0	0	0	0	0	0	-0.08	-0.11	0	0	0	0	0	0
11/27/2023 18:30	29402 BELT_T1	1	1	0	7.7	7.7	0	0	0	0	0	0	0	0	0
11/27/2023 18:31	45501 DERR_T2	1	2	1	0.2	0	-0.2	0.39	0.43	2	2	0	1800	1800	0
11/27/2023 18:31	25402 LAHA_T2	0	1	1	4.2	4.2	4.2	-0.72	-0.74	0	0	0	0	0	0
11/27/2023 18:31	60501 NMAN_T2	3	3	0	4.17	4.2	0.03	0	0	0	0	0	0	0	0
11/27/2023 18:31	27502 WEIS_T2	0	0	0	0	0	0	-0.45	-0.44	0	0	0	0	0	0
11/27/2023 18:32	44601 SALE_T2	0	0	0	0	0	0	0.09	0.04	0	0	0	0	0	0
11/27/2023 18:32	26401 INOR_T1	1	0	-1	0.1	0	-0.1	0.42	0.43	0	0	0	0	0	0
11/27/2023 18:32	55101 WERT_T1	0	0	0	0	0	0	-1.64	-1.68	2	2	0	1500	1500	0
11/27/2023 18:33	66503 SMAN_T2	6	6	0	0.18	0.15	-0.03	0	0	0	0	0	0	0	0
11/27/2023 18:33	13904 SEID_T1	6	6	0	0.57	0.38	-0.19	0	0	0	0	0	0	0	0
11/27/2023 18:33	43202 MVIL_T2	0	0	0	0	0	0	-0.61	-0.65	0	0	0	0	0	0
11/27/2023 18:33	55002 NEWP_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/27/2023 18:33	57401 SPAN_T1	0	0	0	0	0	0	-0.66	-0.59	1	1	0	600	600	0
11/27/2023 18:34	52502 PROG_T2	0	0	0	0	0	0	-0.4	-0.44	1	1	0	900	900	0
11/27/2023 18:34	57401 SPAN_T1	0	0	0	0	0	0	-0.66	-0.59	1	1	0	600	600	0
11/27/2023 18:34	67001 STHI_T2	1	1	0	0.2	0.3	0.1	0	0	0	0	0	0	0	0
11/27/2023 18:34	26401 INOR_T1	1	0	-1	0.1	0	-0.1	0	0	0	0	0	0	0	0
11/27/2023 18:35	43304 WATS_T2	3	7	4	1.27	0.7	-0.57	-0.22	-0.2	0	0	0	0	0	0
11/27/2023 18:35	20402 ASHF_T2	0	8	8	0	0.1	0.1	0	0	0	0	0	0	0	0
11/27/2023 18:35	41801 GOCI_T2	1	1	0	1	1	0	0	0	0	0	0	0	0	0
11/27/2023 18:35	40101 HUNT_T2	398	371	-27	1.14	0.93	-0.21	-0.55	-0.52	0	0	0	0	0	0
11/27/2023 18:35	64101 REFR_T1	0	0	0	0	0	0	-0.03	0.02	0	0	0	0	0	0
11/27/2023 18:35	56802 BENV_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/27/2023 18:36	59202 THOM_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/27/2023 18:36	40603 PIGR_T1	1	2	1	0.9	0	-0.9	0.39	0.42	0	0	0	0	0	0
11/27/2023 18:36	45901 AUBU_T1	0	0	0	0	0	0	1.81	1.79	0	0	0	0	0	0
11/27/2023 18:36	53903 HAU_T2	2	2	0	0.65	0.8	0.15	-0.2	-0.21	0	0	0	0	0	0
11/27/2023 18:36	46204 DANV_T2	0	1	1	0	0	0	0	0	0	0	0	0	0	0
11/27/2023 18:36	17803 GILB_T2	51	26	-25	0.18	0.16	-0.02	0	0	0	0	0	0	0	0
11/27/2023 18:36	47403 PENS_T1	1	1	0	2.4	2.5	0.1	0	0	0	0	0	0	0	0
11/27/2023 18:36	57401 SPAN_T1	0	0	0	0	0	0	-0.66	-0.59	1	1	0	600	600	0
11/27/2023 18:36	13302 ORVI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/27/2023 18:36	12701 MACU_T1	0	1	1	0	0	0.18	0.19	0	0	0	0	0	0	0
11/27/2023 18:37	64204 KINZ_T1	1	1	0	0.6	0.7	0.1	0	0	0	0	0	0	0	0
11/27/2023 18:37	46206 DANV_T2	9	7	-2	0.57	0.1	-0.47	0	0	0	0	0	0	0	0
11/27/2023 18:37	56802 BENV_T2	0	0	0	0	0	0	-1.19	-1.23	0	0	0	0	0	0
11/27/2023 18:37	29402 BELT_T1	1	1	0	7.7	7.7	0	0	0	0	0	0	0	0	0
11/27/2023 18:37	67203 TEHI_T1	1	1	0	1.1	0	-1.1	1.82	1.79	2	2	0	1500	1500	0
11/27/2023 18:37	47001 HUGH_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/27/2023 18:37	17802 GILB_T1	0	0	0	0	0	0	-0.03	-0.02	0	0	0	0	0	0
11/27/2023 18:38	44901 SCOT_T2	0	0	0	0	0	0	-0.08	-0.11	0	0	0	0	0	0
11/27/2023 18:38	52402 GRPA_T2	2	5	3	1.6	0.54	-1.06	0	0	0	0	0	0	0	0
11/27/2023 18:38	44301 BEAV_T2	1	5	4	0.3	0.5	0.2	-0.34	-0.22	1	1	0	600	600	0
11/27/2023 18:38	55001 NEWP_T1	0	2	2	0	0.1	0.1	0	0	0	0	0	0	0	0
11/27/2023 18:38	42701 AUGU_T1	2	0	-2	0.45	0	-0.45	0	0	2	2	0	1800	1800	0
11/27/2023 18:38	56603 HAMP_T1	0	0	0	0	0	0	-1.06	-1.08	0	0	0	0	0	0
11/27/2023 18:38	14403 SSLA_T1	0	0	0	0	0	0	0.99	0.99	0	0	0	0	0	0
11/27/2023 18:38	44601 SALE_T2	0	0	0	0	0	0	0.09	0.04	0	0	0	0	0	0
11/27/2023 18:39	28604 BLYT_T2	0	0	0	0	0	0	-1.2	-1.22	0	0	0	0	0	0
11/27/2023 18:39	45902 AUBU_T1	0	0	0	0	0	0	-0.94	-0.89	1	1	0	600	600	0
11/27/2023 18:39	52401 GRPA_T2	62	30	-32	0.74	0.55	-0.19	0	0	0	0	0	0	0	0
11/27/2023 18:39	43304 WATS_T2	3	7	4	1.27	0.7	-0.57	0	0	0	0	0	0	0	0
11/27/2023 18:39	53501 EVIL_T2	1	1	0	0.4	0.2	-0.2	-0.9	-0.88	1	1	0	600	600	0
11/27/2023 18:39	47403 PENS_T1	1	1	0	2.4	2.5	0.1	0	0	0	0	0	0	0	0
11/27/2023 18:39	52501 PROG_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/27/2023 18:39	10805 CHHI_T2	7	7	0	2.19	7.5	5.31	-1.23	-1.2	1	1	0	600	600	0
11/27/2023 18:39	56802 BENV_T2	0	0	0	0	0	0	-1.19	-1.23	0	0	0	0	0	0
11/27/2023 18:39	29402 BELT_T1	1	1	0	7.7	7.7	0	0	0	0	0	0	0	0	0
11/27/2023 18:39	61303 EARL_T1	0	0	0	0	0	0	0.53	0.45	0	0	0	0	0	0
11/27/2023 18:39	40101 HUNT_T2	398	371	-27	1.14	0.93	-0.21	-0.55	-0.52	0	0	0	0	0	0
11/27/2023 18:40	61801 EELI_T2	1	1	0	0.3	0	-0.3	-0.88	-0.89	1	1	0	600	600	0
11/27/2023 18:40	56802 BENV_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/27/2023 18:40	67001 STHI_T2	1	1	0	0.2	0.3	0.1	0	0	0	0	0	0	0	0
11/27/2023 18:40	16302 ALPA_T2	0	0	0	0	0	0	0.69	0.73	0	0	0	0	0	0
11/27/2023 18:40	17805 GILB_T2	0	0	0	0	0	0	0.18	0.13	0	0	0	0	0	0
11/27/2023 18:40	29402 BELT_T1	1	1	0	7.7	7.7	0	0	0	0	0	0	0	0	0
11/27/2023 18:40	12701 MACU_T1	0	1	1	0	0	0	0.18	0.19	0	0	0	0	0	0
11/27/2023 18:40	47403 PENS_T1	1	1	0	2.4	2.5	0.1	0	0	0	0	0	0	0	0
11/27/2023 18:40	59302 MCAL_T1	0	0	0	0	0	0	-0.68	-0.68	1	1	0	600	600	0
11/27/2023 18:40	43304 WATS_T2	3	7	4	1.27	0.7	-0.57	-0.22	-0.2	0	0	0	0	0	0
11/27/2023 18:40	45902 AUBU_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/27/2023 18:40	49803 UNIV_T1	0	0	0	0	0	0	-0.98	-1.02	0	0	0	0	0	0
11/27/2023 18:41	43304 WATS_T2	3	7	4	1.27	0.7	-0.57	-0.2	-0.2	0	0	0	0	0	0
11/27/2023 18:41	67002 STHI_T2	0	0	0	0	0	0	0.6	0.6	0	0	0	0	0	0
11/27/2023 18:41	57004 WHHI_T2	0	0	0	0	0	0	-0.49	-0.5	0	0	0	0	0	0
11/27/2023 18:41	43201 MVIL_T2	0	0	0	0	0	0	-1.28	-1.28	0	0	0	0	0	0
11/27/2023 18:41	53601 DALM_T2	0	0	0	0	0	0	0.01	-0.02	0	0	0	0	0	0
11/27/2023 18:41	56802 BENV_T2	0	0	0	0	0	0	-1.23	-1.21	0	0	0	0	0	0
11/27/2023 18:41	54001 SDLE_T1	1	2	1	0.9	0.45	-0.45	0	0	0	0	0	0	0	0
11/27/2023 18:41	59101 WALK_T2	1	1	0	0	0	0	1.05	0.94	1	1	0	450	450	0
11/27/2023 18:41	45902 AUBU_T1	0	0	0	0	0	0	-0.89	-0.88	1	1	0	600	600	0
11/27/2023 18:42	46301 ROHR_T1	3	1	-2	0.93	0	-0.93	0	0	0	0	0	0	0	0
11/27/2023 18:42	56802 BENV_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/27/2023 18:42	43402 BENT_T1	2	3	1	0.3	0.2	-0.1	-0.86	-0.86	1	1	0	900	900	0
11/27/2023 18:42	43202 MVIL_T2	0	0	0	0	0	0	-0.65	-0.64	0	0	0	0	0	0
11/27/2023 18:42	40101 HUNT_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/27/2023 18:42	65604 CVIL_T2	0	0	0	0	0	0	0.42	0.4	0	0	0	0	0	0
11/27/2023 18:43	63602 LETO_T1	0	0	0	0	0	0	-0.43	-0.46	0	0	0	0	0	0
11/27/2023 18:43	63602 LETO_T1	0	0	0	0	0	0	-0.43	-0.46	0	0	0	0	0	0
11/27/2023 18:43	52401 GRPA_T2	62	30	-32	0.74	0.55	-0.19	0	0	0	0	0	0	0	0
11/27/2023 18:43	55001 NEWP_T1	0	2	2	0	0.1	0.1	-0.57	-0.59	1	1	0	600	600	0
11/27/2023 18:43	45802 HEGI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/27/2023 18:43	46204 DANV_T2	0	1	1	0	0	0	0	0	0	0	0	0	0	0
11/27/2023 18:43	52002 LING_T2	0	0	0	0	0	0	-0.06	-0.06	0	0	0	0	0	0
11/27/2023 18:43	60801 BUCK_T1	0	0	0	0	0	0	-0.14	-0.14	0	0	0	0	0	0
11/27/2023 18:43	40101 HUNT_T2	398	371	-27	1.14	0.93	-0.21	-0.52	-0.55	0	0	0	0	0	0
11/27/2023 18:43	56501 ROCK_T2	2	7	5	0.5	0.13	-0.37	-1.27	-1.26	0	0	0	0	0	0
11/27/2023 18:43	53501 EVIL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/27/2023 18:43	12701 MACU_T1	0	1	1	0	0	0	0.19	0.19	0	0	0	0	0	0
11/27/2023 18:43	56802 BENV_T2	0	0	0	0	0	0	-1.23	-1.21	0	0	0	0	0	0
11/27/2023 18:44	40201 BEGA_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/27/2023 18:44	46801 HEPB_T2	0	0	0	0	0	0	0.66	0.66	0	0	0	0	0	0
11/27/2023 18:44	43304 WATS_T2	3	7	4	1.27	0.7	-0.57	-0.41	-0.41	0	0	0	0	0	0
11/27/2023 18:44	55002 NEWP_T1	0	1	1	0	0.2	0.2	-0.15	-0.18	0	0	0	0	0	0
11/27/2023 18:44	57403 SPAN_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/27/2023 18:44	55101 WERT_T1	0	0	0	0	0	0	-1.68	-1.75	2	2	0	1500	1500	0
11/27/2023 18:44	43301 WATS_T2	0	0	0	0	0	0	-0.53	-0.51	1	1	0	900	900	0
11/27/2023 18:44	48302 ORWI_T2	2	7	5	0.3	0.2	-0.1	0.12	0.15	0	0	0	0	0	0
11/27/2023 18:44	52502 PROG_T2	0	0	0	0	0	0	-0.44	0.5	1	0	-1	900	0	-900
11/27/2023 18:44	67001 STHI_T2	1	1	0	0.2	0.3	0.1	0	0	0	0	0	0	0	0
11/27/2023 18:44	56802 BENV_T2	0	0	0	0	0	0	-1.23	-1.21	0	0	0	0	0	0
11/27/2023 18:44	56501 ROCK_T2	2	7	5	0.5	0.13	-0.37	-2.54	-2.52	0	0	0	0	0	0
11/27/2023 18:44	17802 GILB_T2	0	0	0	0	0	0	-0.04	0	0	0	0	0	0	0
11/27/2023 18:45	53501 EVIL_T2	0	1	1	0	0.4	0.4	-0.88	-0.87	1	1	0	600	600	0
11/27/2023 18:45	43304 WATS_T2	2	6	4	0.95	0.5	-0.45	0	0	0	0	0	0	0	0
11/27/2023 18:45	64101 REFR_T1	0	0	0	0	0	0	0.02	-0.01	0	0	0	0	0	0
11/27/2023 18:45	45402 WBLO_T2	0	1	1	0	0.7	0.7	0	0	0	0	0	0	0	0
11/27/2023 18:45	45702 LIND_T2	1	0	-1	0.5	1.3	0.8	-0.48	-0.48	0	0	0	0	0	0
11/27/2023 18:45	67503 WEWI_T2	0	0	0	0	0	0	-0.12	-0.01	0	0	0	0	0	0
11/27/2023 18:45	56501 ROCK_T2	0	9	9	0	0.17	0.17	-2.54	-2.52	0	0	0	0	0	0
11/27/2023 18:45	62604 ENGL_T1	0	1	1	0	0	0	-0.45	-0.43	1	1	0	600	600	0
11/27/2023 18:45	63203 MGTN_T1	0	0	0	0	0	0	-0.83	-0.88	2	2	0	1200	1200	0
11/27/2023 18:45	57401 SPAN_T1	0	0	0	0	0	0	-1.19	-1.24	2	2	0	1200	1200	0
11/27/2023 18:45	59101 WALK_T2	1	1	0	0	0	0	2.11	1.87	2	2	0	900	900	0
11/27/2023 18:45	46801 HEPB_T2	0	1	1	0	0	0	0.66	0.66	0	0	0	0	0	0
11/27/2023 18:45	67001 STHI_T2	1	1	0	0.2	0.4	0.2	0	0	0	0	0	0	0	0
11/27/2023 18:45	56802 BENV_T2	0	0	0	0	0	0	-1.23	-1.21	0	0	0	0	0	0
11/27/2023 18:45	51604 DUKE_T2	0	0	0	0	0	0	-1.58	-1.57	1	1	0	900	900	0
11/27/2023 18:45	56801 BENV_T1	2	8	6	0.35	0.5	0.15	-0.52	-0.54	1	1	0	600	600	0
11/27/2023 18:46	56501 ROCK_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/27/2023 18:46	60803 BUCK_T1	0	0	0	0	0	0	-1.31	-1.29	1	1	0	600	600	0
11/27/2023 18:46	43001 ALWD_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/27/2023 18:46	59101 WALK_T2	1	1	0	0	0	0	1.05	0.94	1	1	0	450	450	0
11/27/2023 18:46	40101 HUNT_T2	352	383	31	1.09	0.94	-0.15	-1.04	-1.1	0	0	0	0	0	0
11/27/2023 18:46	14403 SSLA_T1	0	0	0	0	0	0	0.99	0.97	0	0	0	0	0	0
11/27/2023 18:47	52502 PROG_T2	0	0	0	0	0	0	-0.44	0.5	1	0	-1	900	0	-900
11/27/2023 18:47	55001 NEWP_T1	2	1	-1	0.3	0	-0.3	0	0	0	0	0	0	0	0
11/27/2023 18:47	56802 BENV_T2	0	0	0	0	0	0	-1.23	-1.21	0	0	0	0	0	0
11/27/2023 18:47	40602 PIGR_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/27/2023 18:47	54701 NEBL_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/27/2023 18:47	17803 GILB_T2	12	35	23	0.16	0.19	0.03	0	0	0	0	0	0	0	0
11/27/2023 18:47	13302 ORVI_T2	8	9	1	0.19	0.17	-0.02	0.86	0.88	0	0	0	0	0	0
11/27/2023 18:47	64101 REFR_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/27/2023 18:47	67605 WARW_T1	0	0	0	0	0	0	-0.93	-0.98	0	0	0	0	0	0
11/27/2023 18:47	45902 AUBU_T1	0	0	0	0	0	0	-0.89	-0.88	1	1	0	600	600	0
11/27/2023 18:48	64101 REFR_T1	0	0	0	0	0	0	0.02	-0.01	0	0	0	0	0	0
11/27/2023 18:48	63404 HONY_T1	2	2	0	6.35	6.85	0.5	0	0	0	0	0	0	0	0
11/27/2023 18:48	62604 ENGL_T1	0	1	1	0	0	0	-0.45	-0.43	1	1	0	600	600	0
11/27/2023 18:48	53903 HAU_T2	2	2	0	0.75	0.85	0.1	-0.21	-0.21	0	0	0	0	0	0
11/27/2023 18:49	43304 WATS_T2	2	6	4	0.95	0.5	-0.45	0	0	0	0	0	0	0	0
11/27/2023 18:49	10805 CHHI_T2	7	6	-1	1.54	7.6	6.06	-1.2	-1.17	1	1	0	600	600	0
11/27/2023 18:49	43304 WATS_T2	2	6	4	0.95	0.5	-0.45	0	0	0	0	0	0	0	0
11/27/2023 18:49	52502 PROG_T2	0	0	0	0	0	0	-0.44	0.5	1	0	-1	900	0	-900
11/27/2023 18:49	55002 NEWP_T1	1	3	2	0.2	0.2	0	-0.15	-0.18	0	0	0	0	0	0
11/27/2023 18:49	56802 BENV_T2	0	0	0	0	0	0	-1.23	-1.21	0	0	0	0	0	0
11/27/2023 18:49	14403 SSLA_T1	0	0	0	0	0	0	0.99	0.97	0	0	0	0	0	0
11/27/2023 18:49	60201 ATGL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/27/2023 18:49	62601 ENGL_T1	4	0	-4	8.63	0	-8.63	0	0	0	0	0	0	0	0
11/27/2023 18:49	20403 ASHF_T2	0	0	0	0	0	0	0.51	0.51	0	0	0	0	0	0
11/27/2023 18:49	55101 WERT_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/27/2023 18:50	52402 GRPA_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/27/2023 18:50	45902 AUBU_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/27/2023 18:50	41801 GOCI_T2	1	1	0	1.1	0.8	-0.3	0	0	0	0	0	0	0	0
11/27/2023 18:50	43304 WATS_T2	2	6	4	0.95	0.5	-0.45	-0.2	-0.2	0	0	0	0	0	0
11/27/2023 18:50	46204 DANV_T2	1	0	-1	0.1	0	-0.1	0	0	0	0	0	0	0	0
11/27/2023 18:50	67502 WEWI_T2	0	0	0	0	0	0	-1.29	-1.29	1	1	0	900	900	0
11/27/2023 18:50	55101 WERT_T1	0	0	0	0	0	0	-3.36	-3.51	4	4	0	3000	3000	0
11/27/2023 18:51	55101 WERT_T1	0	0	0	0	0	0	-1.68	-1.75	2	2	0	1500	1500	0
11/27/2023 18:51	43001 ALWD_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/27/2023 18:51	52502 PROG_T2	0	0	0	0	0	0	-0.44	0.5	1	0	-1	900	0	-900
11/27/2023 18:51	67201 TEHI_T1	0	0	0	0	0	0	-0.28	-0.4	1	1	0	900	900	0
11/27/2023 18:51	43304 WATS_T2	2	6	4	0.95	0.5	-0.45	-0.2	-0.2	0	0	0

11/27/2023 21:29	64203 KINZ_T1	0	0	0	0	0	0	-0.56	-0.62	1	1	0	600	600	0
11/27/2023 22:17	64202 KINZ_T1	1	2	1	0.1	0.3	0.2	0	0	0	0	0	0	0	0
11/27/2023 22:27	43402 BENT_T1	0	0	0	0	0	0	-0.9	-0.89	1	1	0	900	900	0
11/27/2023 22:29	64203 KINZ_T1	0	0	0	0	0	0	-0.61	-0.64	1	1	0	600	600	0
11/27/2023 22:29	43402 BENT_T1	0	0	0	0	0	0	-0.9	-0.89	1	1	0	900	900	0
11/27/2023 22:57	64202 KINZ_T1	1	3	2	0.1	0.37	0.27	0	0	0	0	0	0	0	0
11/27/2023 23:27	43401 BENT_T1	0	1	1	0	0	0	0	0	0	0	0	0	0	0
11/27/2023 23:29	43401 BENT_T1	0	1	1	0	0	0	0	0	0	0	0	0	0	0
11/27/2023 23:33	65001 NEFF_T2	0	9	9	0	0.16	0.16	-1.19	-1.26	1	1	0	1200	1200	0
11/27/2023 23:54	65001 NEFF_T2	0	9	9	0	0.16	0.16	-1.26	-1.26	1	1	0	1200	1200	0
11/28/2023 0:27	43402 BENT_T1	0	0	0	0	0	0	-1.54	-1.54	2	2	0	1500	1500	0
11/28/2023 0:28	56802 BENV_T2	0	0	0	0	0	0	-1.37	-1.39	0	0	0	0	0	0
11/28/2023 0:28	64802 MONE_T2	0	0	0	0	0	0	0.21	0.21	0	0	0	0	0	0
11/28/2023 0:28	65001 NEFF_T2	0	7	7	0	0.14	0.14	-2.52	-2.46	2	2	0	2400	2400	0
11/28/2023 0:28	41902 REED_T1	0	1	1	0	0	0	1.46	1.64	0	0	0	0	0	0
11/28/2023 0:28	67502 WEWI_T2	0	0	0	0	0	0	-1.54	-1.5	1	0	-1	900	0	-900
11/28/2023 0:28	40101 HUNT_T2	0	0	0	0	0	0	-1.48	-1.56	0	0	0	0	0	0
11/28/2023 0:28	67502 WEWI_T2	0	0	0	0	0	0	-1.54	-1.5	1	0	-1	900	0	-900
11/28/2023 0:28	45001 LIME_2	26	38	12	0.33	0.49	0.16	0	0	0	0	0	0	0	0
11/28/2023 0:28	45802 HEGI_T2	0	0	0	0	0	0	0.7	-0.18	0	1	1	0	900	900
11/28/2023 0:28	29402 BELT_T1	1	1	0	7.1	7.2	0.1	0	0	0	0	0	0	0	0
11/28/2023 0:28	62604 ENGL_T1	0	0	0	0	0	0	-1.08	-1.1	2	2	0	1200	1200	0
11/28/2023 0:28	43304 WATS_T2	0	0	0	0	0	0	-0.38	-0.47	0	0	0	0	0	0
11/28/2023 0:28	47403 PENS_T1	1	1	0	2	2.2	0.2	0	0	0	0	0	0	0	0
11/28/2023 0:28	40201 BEGA_T2	1	1	0	0.1	0.4	0.3	0	0	0	0	0	0	0	0
11/28/2023 0:28	57401 SPAN_T1	0	0	0	0	0	0	-0.92	-0.93	1	1	0	600	600	0
11/28/2023 0:28	42701 AUGU_T1	1	1	0	0.6	0.6	0	0	0	2	2	0	1800	1800	0
11/28/2023 0:28	52502 PROG_T2	0	0	0	0	0	0	0.38	0.38	0	1	1	0	900	900
11/28/2023 0:28	53501 EVIL_T2	3	3	0	0.43	0.33	-0.1	-0.53	-0.5	0	0	0	0	0	0
11/28/2023 0:28	57401 SPAN_T1	0	0	0	0	0	0	-0.92	-0.93	1	1	0	600	600	0
11/28/2023 0:28	16302 ALPA_T2	0	0	0	0	0	0	0.65	0.64	0	0	0	0	0	0
11/28/2023 0:33	29402 BELT_T1	1	1	0	7.1	7.3	0.2	0	0	0	0	0	0	0	0
11/28/2023 0:45	46203 DANV_T2	0	0	0	0	0	0	-1.33	-1.33	0	0	0	0	0	0
11/28/2023 6:13	65001 NEFF_T2	0	0	0	0	0	0	-0.85	-0.89	1	1	0	1200	1200	0
11/28/2023 8:09	45501 DERR_T2	12	13	1	0.68	0.73	0.05	1.04	1.01	2	2	0	1800	1800	0
11/28/2023 8:10	46203 DANV_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/28/2023 8:10	45902 AUBU_T1	2	0	-2	0.15	0	-0.15	0	0	0	0	0	0	0	0
11/28/2023 8:11	52403 GRPA_T2	0	3	3	0	0	0	0	0	0	0	0	0	0	0
11/28/2023 8:12	45501 DERR_T2	12	13	1	0.68	0.73	0.05	1.01	1.03	2	2	0	1800	1800	0
11/28/2023 8:13	46204 DANV_T2	3	0	-3	0.37	0	-0.37	0	0	0	0	0	0	0	0
11/28/2023 8:13	29402 BELT_T1	1	1	0	8	7.8	-0.2	0	0	0	0	0	0	0	0
11/28/2023 8:14	52403 GRPA_T2	0	3	3	0	0	0	0	0	0	0	0	0	0	0
11/28/2023 8:30	54701 NEBL_T1	0	0	0	0	0	0	0	0	1	1	0	600	600	0
11/28/2023 8:32	55001 NEWP_T1	0	1	1	0	0.2	0.2	0	0	0	0	0	0	0	0
11/28/2023 8:34	49803 UNIV_T1	0	0	0	0	0	0	-0.94	-0.91	0	0	0	0	0	0
11/28/2023 8:35	54701 NEBL_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/28/2023 8:39	46206 DANV_T2	1	0	-1	1.5	0	-1.5	0	0	0	0	0	0	0	0
11/28/2023 8:41	29402 BELT_T1	1	1369	1368	7.8	6.7	-1.1	0	0	0	0	0	0	0	0
11/28/2023 8:45	40101 HUNT_T2	291	190	-101	0.81	0.56	-0.25	-0.26	-0.31	0	0	0	0	0	0
11/28/2023 8:46	29401 BELT_T1	18	3	-15	0.13	0.1	-0.03	0	0	1	1	0	900	900	0
11/28/2023 8:46	47401 PENS_T1	0	0	0	0	0	0	-0.69	-0.63	0	0	0	0	0	0
11/28/2023 8:46	25402 LAHA_T2	7	8	1	0.6	0.47	-0.13	0.52	0.55	0	0	0	0	0	0
11/28/2023 8:46	54701 NEBL_T1	0	0	0	0	0	0	0	0	1	1	0	600	600	0
11/28/2023 8:49	47401 PENS_T1	0	0	0	0	0	0	-0.35	-0.32	0	0	0	0	0	0
11/28/2023 9:00	52503 PROG_T2	0	0	0	0	0	0	-0.52	-0.5	1	1	0	900	900	0
11/28/2023 9:00	58402 MORO_T1	0	0	0	0	0	0	-2.82	-2.58	9	9	0	7200	7200	0
11/28/2023 9:00	47403 PENS_T1	1	2	1	2.1	1.1	-1	0	0	0	0	0	0	0	0
11/28/2023 9:00	52402 GRPA_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/28/2023 9:00	67502 WEWI_T2	1	1	0	0.1	0.6	0.5	0	0	0	0	0	0	0	0
11/28/2023 9:00	53903 HALI_T2	2	2	0	0.85	0.5	-0.35	-0.21	-0.22	0	0	0	0	0	0
11/28/2023 9:00	49803 UNIV_T1	0	0	0	0	0	0	-0.91	-0.96	0	0	0	0	0	0
11/28/2023 9:00	55101 WERT_T1	0	0	0	0	0	0	-1.47	-1.42	2	2	0	1500	1500	0
11/28/2023 9:01	64101 REFR_T1	0	0	0	0	0	0	0.21	0.22	0	0	0	0	0	0
11/28/2023 9:05	46901 MNTG_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/28/2023 9:09	45501 DERR_T2	0	7	7	0	0.4	0.4	0.89	1	2	2	0	1800	1800	0
11/28/2023 9:14	59301 MCAL_T1	2	2	0	0.15	0.2	0.05	0	0	0	0	0	0	0	0
11/28/2023 9:14	40101 HUNT_T2	189	136	-53	0.79	0.51	-0.28	-0.49	-0.54	0	0	0	0	0	0
11/28/2023 9:15	52403 GRPA_T2	15	11	-4	0.55	0.38	-0.17	0.16	0.02	0	0	0	0	0	0
11/28/2023 9:17	54701 NEBL_T1	0	0	0	0	0	0	0	0	1	1	0	600	600	0
11/28/2023 9:17	13302 ORVI_T2	8	57	49	0.18	0.24	0.06	0.89	0.93	0	0	0	0	0	0
11/28/2023 9:19	49803 UNIV_T1	0	0	0	0	0	0	-0.96	-0.92	0	0	0	0	0	0
11/28/2023 9:21	29401 BELT_T1	1	3	2	0.1	0.1	0	0	0	0	0	0	0	0	0
11/28/2023 9:24	46203 DANV_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/28/2023 9:26	46203 DANV_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/28/2023 9:27	40101 HUNT_T2	136	35	-101	0.58	0.53	-0.05	-0.54	-0.54	0	0	0	0	0	0
11/28/2023 9:27	52402 GRPA_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/28/2023 9:29	64203 KINZ_T1	0	0	0	0	0	0	0.28	0.15	2	2	0	1800	1800	0
11/28/2023 9:30	41801 GOCI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/28/2023 9:32	63804 HEMP_T1	1	1	0	6.2	6.1	-0.1	0.94	0.94	0	0	0	0	0	0
11/28/2023 9:34	41801 GOCI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/28/2023 9:34	13901 SEID_T1	0	0	0	0	0	0	0.25	0.26	0	0	0	0	0	0
11/28/2023 9:35	59102 WALK_T2	1	0	-1	0.1	0	-0.1	0	0	0	0	0	0	0	0
11/28/2023 9:35	67204 TEHI_T2	0	1	1	0	0.1	0.1	0	0	0	0	0	0	0	0
11/28/2023 9:36	43304 WATS_T2	3	0	-3	0.47	0	-0.47	-0.06	-0.04	0	0	0	0	0	0
11/28/2023 9:37	43402 BENT_T1	1	0	-1	0.2	0	-0.2	-1.45	-1.47	2	2	0	1500	1500	0
11/28/2023 9:37	43304 WATS_T2	3	0	-3	0.47	0	-0.47	-0.12	-0.07	0	0	0	0	0	0
11/28/2023 9:38	67204 TEHI_T2	0	1	1	0	0.1	0.1	0	0	0	0	0	0	0	0
11/28/2023 9:39	59101 WALK_T2	1	0	-1	0	0	0	3.53	4.46	0	0	0	0	0	0
11/28/2023 9:39	43304 WATS_T2	3	0	-3	0.47	0	-0.47	-0.06	-0.04	0	0	0	0	0	0
11/28/2023 9:40	45902 AUBU_T1	0	0	0	0	0	0	-0.45	-0.44	1	1	0	600	600	0
11/28/2023 9:42	45902 AUBU_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/28/2023 9:45	55002 NEWP_T1	6	7	1	0.23	0.61	0.38	-0.15	-0.17	0	0	0	0	0	0
11/28/2023 9:47	41901 REED_T1	5	3	-2	0.44	0.3	-0.14	0	0	0	0	0	0	0	0
11/28/2023 9:48	54201 PENN_T1	38	134	96	0.39	0.4	0.01	-1.29	-1.28	0	0	0	0	0	0
11/28/2023 9:48	42802 SELI_T1	0	0	0	0	0	0	-2.22	-2.24	1	1	0	900	900	0
11/28/2023 9:49	13302 ORVI_T2	57	58	1	0.23	0.24	0.01	0.87	0.85	0	0	0	0	0	0
11/28/2023 9:49	14403 SSLA_T1	0	0	0	0	0	0	0.86	0.87	0	0	0	0	0	0
11/28/2023 9:49	42801 SELI_T1	1	1	0	0	0	0	0	0	0	0	0	0	0	0
11/28/2023 9:49	56501 ROCK_T2	0	2	2	0	0	0	0	0	0	0	0	0	0	0
11/28/2023 9:51	41902 REED_T1	9	8	-1	0.94	0.4	-0.54	2.36	2.42	0	0	0	0	0	0
11/28/2023 9:51	67502 WEWI_T2	1	1	0	0.7	0.7	0	-1.08	-1.08	1	1	0	900	900	0
11/28/2023 9:52	14403 SSLA_T1	0	1	1	0	0.3	0.3	0	0	0	0	0	0	0	0
11/28/2023 9:52	42802 SELI_T1	0	0	0	0	0	0	-2.22	-2.24	1	1	0	900	900	0
11/28/2023 9:53	29401 BELT_T1	1	0	-1	0.1	0	-0.1	0	0	0	0	0	0	0	0
11/28/2023 9:53	67502 WEWI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/28/2023 9:54	67502 WEWI_T2	1	1	0	0.7	0.7	0	-1.08	-1.08	1	1	0	900	900	0
11/28/2023 9:54	54505 ENOL_T2	1	1	0	0.4	0.8	0.4	0	0	0	0	0	0	0	0
11/28/2023 9:55	53501 EVIL_T2	9	10	1	0.8	0.45	-0.35	-1.54	-1.74	4	4	0	2400	2400	0
11/28/2023 9:56	53501 EVIL_T2	9	10	1	0.8	0.45	-0.35	-0.87	-0.85	2	2	0	1200	1200	0
11/28/2023 9:57	52403 GRPA_T2	11	76	65	0.41	0.54	0.13	0	0	0	0	0	0	0	0
11/28/2023 9:58	52404 GRPA_T2	0	0	0	0	0	0	0.61	0.7	0	0	0	0	0	0
11/28/2023 9:58	53501 EVIL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/28/2023 9:58	53903 HALI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/28/2023 9:59	59003 MIFF_T1	0	0	0	0	0	0	-1.53	-2.04	0	0	0	0	0	0
11/28/2023 10:00	23401 HONE_T2	0	0	0	0	0	0	-0.15	-0.15	0	0	0	0	0	0
11/28/2023 10:00	53903 HALI_T2	2	2	0	1	0.3	-0.7	-0.23	-0.17	0	0	0	0	0	0
11/28/2023 10:02	13302 ORVI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/28/2023 10:04	13302 ORVI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/28/2023 10:05	48302 ORWI_T2	2	2	0	0.6	0.65	0.05	0.22	0.23	0	0	0	0	0	0
11/28/2023 10:05	13302 ORVI_T2	57	24	-33	0.24	0.32	0.08	1.7	1.73	0	0	0	0	0	0
11/28/2023 10:06	67503 WEWI_T2	0	0	0	0	0	0	-0.14	-0.16	0	0	0	0	0	0
11/28/2023 10:06	64101 REFR_T1	0	0	0	0	0	0	0.18	0.23	0	0	0	0	0	0
11/28/2023 10:06	42701 AUGU_T1	1	1	0	0.2	0.2	0	0	0	2	2	0	1800	1800	0
11/28/2023 10:07	66504 SMAN_T2	1	1	0	0.1	0.2	0.1	-0.3	-0.25	0	0	0	0	0	0
11/28/2023 10:07	56802 BENV_T2	1	1	0	0.7	0.4	-0.3	-1.18	-1.19	0	0	0	0	0	0
11/28/2023 10:07	42701 AUGU_T1	1	2	1	0.2	0.2	0	0	0	2	2	0	1800	1800	0
11/28/2023 10:08	10801 CHHI_T1	1	3	2	0.1	0.3	0.2	-1.22	-1.3	2	2	0	1500	1500	0
11/28/2023 10:08	56802 BENV_T2	1	1	0	0.7	0.4	-0.3	-1.18	-1.19	0	0	0	0	0	0
11/28/2023 10:09	45502 DERR_T2	3	1	-2	0.33	0.4	0.07	0	0	0	0	0	0	0	0
11/28/2023 10:09	20401 ASHF_T2	0	1	1	0	0.1	0.1	0	0	0	0	0	0	0	0
11/28/2023 10:09	44301 BEAV_T2	2	2	0	0.35	0	-0.35	0.3	0.25	2	2	0	1500	1500	0
11/28/2023 10:09	56802 BENV_T2	1	1	0	0.7	0.4	-0.3	-1.18	-1.19	0	0	0	0	0	0
11/28/2023 10:10	20401 ASHF_T2	0	1	1	0	0.1	0.1	0	0	0	0	0	0	0	0
11/28/2023 10:12	27101 GFLD_T2	0	0	0	0	0	0	0.31	0.26	0	0	0	0	0	0
11/28/2023 10:12	56802 BENV_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/28/2023 10:12	45501 DERR_T2	3	3	0	0.37	0.2	-0.17	1.06	0.95	2	2	0	1800	1800	0
11/28/2023 10:13	26401 INOR_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/28/2023 10:15	52402 GRPA_T2	3	4	1	1.47	1.18	-0.29	0	0	0	0	0	0	0	0
11/28/2023 10:16	64802 MONE_T2	1	1	0	0.3	0.2	-0.1	0.01	-0.01	0	0	0	0	0	0
11/28/2023 10:18	57401 SPAN_T1	0	0	0	0	0	0	-0.92	-0.96	1	1	0	600	600	0
11/28/2023 10:18	43201 MVIL_T2	0	0	0	0	0	0	-1.25	-1.24	0	0	0	0	0	0
11/28/2023 10:19	46203 DANV_T2	0	1	1	0	0.1	0.1	-1.21	-1.2	0	0	0	0	0	0
11/28/2023 10:19	64101 REFR_T1	0	0	0	0	0	0	0.23	0.21	0	0	0	0	0	0
11/28/2023 10:20	56501 ROCK_T2	1	1	0	0.6	0.2	-0.4	-1.3	-1.31	0	0	0	0	0	0
11/28/2023 10:20	65902 SAKR_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/28/2023 10:20	67502 WEWI_T2	1	0	-1	0.3	0	-0.3	-1.12	-0.06	1	0	-1	900	0	-900
11/28/2023 10:21	64101 REFR_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/28/2023 10:21	14404 SSLA_T1	0	1	1	0	0.2	0.2	0	0	0	0	0	0	0	0
11/28/2023 10:21	55101 WERT_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/28/2023 10:21	67502 WEWI_T2	1	0	-1	0.3	0	-0.3	-2.23	-0.12	2	0	-2	1800	0	-1800
11/28/2023 10:22	64101 REFR_T1	0	0	0	0	0	0	0.45	0.41	0	0	0	0	0	0
11/28/2023 10:22	55101 WERT_T1	0	0	0	0	0	0	-1.44	-1.28	2	2	0	1500	1500	0
11/28/2023 10:22	45902 AUBU_T1	0	0	0	0	0	0	-0.39	-0.39	1	1	0	600	600	0
11/28/2023 10:23	45902 AUBU_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/28/2023 10:23	57401 SPAN_T1	0	0	0	0	0	0	-0.92	-0.96	1	1	0	600	600	0
11/28/2023 10:23	64101 REFR_T1	0	0	0	0	0	0	0.23	0.21	0	0	0	0	0	0
11/28/2023 10:23	16302 ALPA_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/28/2023 10:23	10805 CHHI_T2	7	13	6	2.17	2.68	0.51	-1.31	-0.7	1	1	0	600	600	0
11/28/2023 10:25	41602 CLEV_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/28/2023 10:26	44301 BEAV_T2	2	0	-2	0.3	0	-0.3	0.28	0.4	2	2	0	1500	1500	0
11/28/2023 10:26	45902 AUBU_T1	0	0	0	0	0	0	-0.39	-0.38	1	1	0	600	600	0
11/28/2023 10:27	40101 HUNT_T2	79	279	200	0.59	0.72	0.13	-0.28	-0.28	0	0	0	0	0	0
11/28/2023 10:28	17804 GILB_T2	1	1	0	0.3	0.9	0.6	-0.52	-0.54	0	0	0	0	0	0
11/28/2023 10:28	17803 GILB_T2	16	52	36	0.16	0.21	0.05	0	0	0	0	0	0	0	0
11/28/2023 10:28	40101 HUNT_T2	79	279	200	0.59	0.72	0.13	-0.28	-0.28	0	0	0	0	0	0
11/28/2023 10:29	46203 DANV_T2	0	1	1	0	0.1	0.1	-1.2	-1.18	0	0	0	0	0	0
11/28/2023 10:32	17805 GILB_T2	0	0	0	0	0	0	0.15	0.13	0	0	0	0	0	0
11/28/2023 10:33	57401 SPAN_T1	0	0	0	0	0	0	-1.92	-1.64	2	2	0	1200	1200	0
11/28/2023 10:33	65005 NEFF_T2	1	1	0	0.2	0.2	0	0	0	0	0	0	0	0	0
11/28/2023 10:34	57401 SPAN_T1	0	0	0	0	0	0	-0.96	-0.82	1	1	0	600	600	0
11/28/2023 10:34	66701 STRA_T1	1	1	0	1.4	1.3	-0.1	0	0	0	0	0	0	0	0
11/28/2023 10:35	45902 AUBU_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/28/2023 10:36	56802 BENV_T2	1	1	0	0.4	0.7	0.3	-1.22	-1.29	0	0	0	0	0	0
11/28/2023 10:36	65902 SAKR_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/28/2023 10:37	13901 SEID_T1	0	0	0	0	0	0	0.27	0.25	0	0	0	0	0	0
11/28/2023 10:37	65005 NEFF_T2	1	1	0	0.2	0.2	0	0	0	0	0	0	0	0	0
11/28/2023 10:37	16302 ALPA_T2	0	0	0	0	0	0	-0.56	-0.57	0	0	0	0	0	0
11/28/2023 10:38	16302 ALPA_T2	0	0	0	0	0	0	-1.13	-1.14	0	0	0	0	0	0
11/28/2023 10:38	60101 COCA_T1	0	1	1	0	0.1	0.1	0.46	0.48	0	0	0	0	0	0
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Appendix C - Grid Benefits Achieved in Each Instance of Active Management

11/28/2023 11:06	52502 PROG_T2	0	1	1	0	0	0	0.49	0.44	0	0	0	0	0	0
11/28/2023 11:06	45402 WBLO_T2	1	1	0	1.2	1.4	0.2	0	0	0	0	0	0	0	0
11/28/2023 11:07	60801 BUCK_T1	0	1	1	0	0.1	0.1	0	0	0	0	0	0	0	0
11/28/2023 11:07	54206 PENN_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/28/2023 11:07	55101 WERT_T1	0	0	0	0	0	0	-1.35	-1.41	2	2	0	1500	1500	0
11/28/2023 11:08	56801 BENV_T1	14	14	0	0.65	0.66	0.01	-0.64	-0.63	1	1	0	600	600	0
11/28/2023 11:08	61801 EELI_T2	0	0	0	0	0	0	-0.58	-0.64	0	0	0	0	0	0
11/28/2023 11:09	56802 BENV_T2	1	1	0	0.7	0.6	-0.1	-1.26	-1.24	0	0	0	0	0	0
11/28/2023 11:10	56801 BENV_T1	14	14	0	0.65	0.66	0.01	-0.64	-0.63	1	1	0	600	600	0
11/28/2023 11:10	45902 AUBU_T1	0	1	1	0	0.3	0.3	-0.72	-0.78	2	2	0	1200	1200	0
11/28/2023 11:10	60803 BUCK_T1	0	1	1	0	0.5	0.5	-1.38	-1.42	1	1	0	600	600	0
11/28/2023 11:12	53903 HALI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/28/2023 11:13	43402 BENT_T1	0	3	3	0	0	0	-0.89	-1.46	1	1	0	900	900	0
11/28/2023 11:13	61801 EELI_T2	0	0	0	0	0	0	-0.32	-0.27	0	0	0	0	0	0
11/28/2023 11:13	41801 GOCI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/28/2023 11:14	45802 HEGI_T2	0	0	0	0	0	0	0.84	0.88	0	0	0	0	0	0
11/28/2023 11:14	45003 LIME_2	1	1	0	2.5	2.5	0	0	0	1	1	0	1200	1200	0
11/28/2023 11:15	53903 HALI_T2	2	2	0	0.95	0.9	-0.05	-0.07	-0.1	0	0	0	0	0	0
11/28/2023 11:15	45802 HEGI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/28/2023 11:16	52502 PROG_T2	0	1	1	0	0	0	0.44	0.38	0	0	0	0	0	0
11/28/2023 11:17	52004 LING_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/28/2023 11:18	52502 PROG_T2	0	1	1	0	0	0	0.44	0.38	0	0	0	0	0	0
11/28/2023 11:19	13302 ORVI_T2	83	151	68	0.23	0.25	0.02	0.9	0.83	0	0	0	0	0	0
11/28/2023 11:19	67001 STHI_T2	13	17	4	0.26	0.25	-0.01	0	0	0	0	0	0	0	0
11/28/2023 11:19	52502 PROG_T2	0	1	1	0	0	0	0.44	0.38	0	0	0	0	0	0
11/28/2023 11:19	44601 SALE_T2	0	0	0	0	0	0	0.03	0.03	1	1	0	600	600	0
11/28/2023 11:20	67002 STHI_T2	15	30	15	0.23	0.23	0	0.68	0.66	0	0	0	0	0	0
11/28/2023 11:20	67204 TEHI_T2	1	1	0	0.6	0.5	-0.1	-0.02	-0.03	0	0	0	0	0	0
11/28/2023 11:21	43304 WATS_T2	0	1	1	0	0	0	-0.08	-0.07	0	0	0	0	0	0
11/28/2023 11:21	67001 STHI_T2	13	17	4	0.26	0.25	-0.01	0	0	0	0	0	0	0	0
11/28/2023 11:21	43301 WATS_T2	0	0	0	0	0	0	-1.13	-1.02	2	2	0	1800	1800	0
11/28/2023 11:21	44601 SALE_T2	0	0	0	0	0	0	0.03	0.03	1	1	0	600	600	0
11/28/2023 11:21	59101 WALK_T2	1	1	0	0	0	0	2	1.38	1	1	0	600	600	0
11/28/2023 11:22	59101 WALK_T2	1	1	0	0	0	0	2	1.38	1	1	0	600	600	0
11/28/2023 11:22	13606 RICH_T2	0	0	0	0	0	0	1.34	1.38	0	0	0	0	0	0
11/28/2023 11:22	43301 WATS_T2	0	0	0	0	0	0	-1.69	-1.54	3	3	0	2700	2700	0
11/28/2023 11:22	48901 FOSP_T2	0	0	0	0	0	0	-0.18	-0.12	2	2	0	1200	1200	0
11/28/2023 11:22	43304 WATS_T2	0	1	1	0	0	0	-0.08	-0.07	0	0	0	0	0	0
11/28/2023 11:22	49803 UNIV_T1	0	0	0	0	0	0	-0.96	-0.92	0	0	0	0	0	0
11/28/2023 11:22	43402 BENT_T1	0	5	5	0	0.33	0.33	-0.89	-1.46	1	1	0	900	900	0
11/28/2023 11:23	48901 FOSP_T2	0	0	0	0	0	0	-0.09	-0.06	1	1	0	600	600	0
11/28/2023 11:23	43304 WATS_T2	0	1	1	0	0	0	-0.08	-0.07	0	0	0	0	0	0
11/28/2023 11:23	43304 WATS_T2	0	1	1	0	0	0	-0.08	-0.07	0	0	0	0	0	0
11/28/2023 11:23	59202 THOM_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/28/2023 11:23	67203 TEHI_T1	0	0	0	0	0	0	2.69	2.74	2	2	0	1200	1200	0
11/28/2023 11:24	43304 WATS_T2	0	1	1	0	0	0	-0.17	-0.14	0	0	0	0	0	0
11/28/2023 11:24	45902 AUBU_T1	0	1	1	0	0.3	0.3	-0.39	-0.48	1	1	0	600	600	0
11/28/2023 11:24	10805 CHHI_T2	13	14	1	2.12	3.23	1.11	-0.47	-0.85	1	1	0	600	600	0
11/28/2023 11:25	54505 ENOL_T2	1	1	0	0.7	0.9	0.2	0	0	0	0	0	0	0	0
11/28/2023 11:26	45902 AUBU_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/28/2023 11:28	26401 INOR_T1	1	1	0	0.1	0.1	0	0.52	0.56	0	0	0	0	0	0
11/28/2023 11:30	65005 NEFF_T2	1	0	-1	0.1	0	-0.1	0	0	0	0	0	0	0	0
11/28/2023 11:31	65001 NEFF_T2	0	0	0	0	0	0	-0.37	-0.48	1	1	0	1200	1200	0
11/28/2023 11:31	46901 MNTG_T2	0	0	0	0	0	0	1.52	1.08	0	0	0	0	0	0
11/28/2023 11:31	46903 MNTG_T2	0	2	2	0	0.15	0.15	0.13	0.06	1	1	0	600	600	0
11/28/2023 11:34	65303 NIRI_T2	0	0	0	0	0	0	0.08	0.13	0	0	0	0	0	0
11/28/2023 11:34	65302 NIRI_T2	0	0	0	0	0	0	-0.41	-0.39	0	0	0	0	0	0
11/28/2023 11:34	47403 PENS_T1	1	1	0	1.1	1.5	0.4	0	0	0	0	0	0	0	0
11/28/2023 11:34	65004 NEFF_T2	0	0	0	0	0	0	-0.45	-0.45	0	0	0	0	0	0
11/28/2023 11:34	64902 MILL_T2	0	0	0	0	0	0	-0.71	-0.69	1	1	0	900	900	0
11/28/2023 11:35	57401 SPAN_T1	1	1	0	0.1	0.1	0	0	0	0	0	0	0	0	0
11/28/2023 11:35	66501 SMAN_T2	4	2	-2	0.53	0.45	-0.08	0	0	0	0	0	0	0	0
11/28/2023 11:35	66901 SHIL_T2	14	27	13	0.15	0.17	0.02	-1.62	-1.61	1	1	0	1200	1200	0
11/28/2023 11:36	47401 PENS_T1	0	0	0	0	0	0	0.94	0.88	0	0	0	0	0	0
11/28/2023 11:36	57403 SPAN_T1	1	4	3	0.1	0.13	0.03	0.19	0.16	0	0	0	0	0	0
11/28/2023 11:36	57403 SPAN_T1	1	4	3	0.1	0.13	0.03	0.19	0.16	0	0	0	0	0	0
11/28/2023 11:36	49803 UNIV_T1	0	0	0	0	0	0	-0.92	-0.97	0	0	0	0	0	0
11/28/2023 11:37	57401 SPAN_T1	1	1	0	0.1	0.1	0	-0.73	-0.76	1	1	0	600	600	0
11/28/2023 11:37	28604 BLYT_T2	0	0	0	0	0	0	-1.44	-1.43	0	0	0	0	0	0
11/28/2023 11:37	45902 AUBU_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/28/2023 11:38	57401 SPAN_T1	1	1	0	0.1	0.1	0	-0.73	-0.76	1	1	0	600	600	0
11/28/2023 11:38	60101 COCA_T1	0	0	0	0	0	0	0.42	0.43	0	0	0	0	0	0
11/28/2023 11:38	49803 UNIV_T1	0	0	0	0	0	0	-0.92	-0.97	0	0	0	0	0	0
11/28/2023 11:39	62604 ENGL_T1	0	0	0	0	0	0	-0.8	-0.75	2	2	0	1200	1200	0
11/28/2023 11:40	45902 AUBU_T1	1	0	-1	0.3	0	-0.3	-0.48	-0.4	1	1	0	600	600	0
11/28/2023 11:40	60101 COCA_T1	0	0	0	0	0	0	0.42	0.43	0	0	0	0	0	0
11/28/2023 11:42	62604 ENGL_T1	0	0	0	0	0	0	-0.75	-0.77	2	2	0	1200	1200	0
11/28/2023 11:44	12701 MACU_T1	1	0	-1	0.1	0	-0.1	-1.13	-1.14	1	1	0	1200	1200	0
11/28/2023 11:44	26401 INOR_T1	0	4	4	0	0.25	0.25	0.56	0.53	0	0	0	0	0	0
11/28/2023 11:45	46801 HEPB_T2	0	1	1	0	0	0	0.66	0.68	0	0	0	0	0	0
11/28/2023 11:46	60504 NMAN_T2	2	2	0	0.6	0.75	0.15	0	0	0	0	0	0	0	0
11/28/2023 11:46	45003 LIME_2	2	1	-1	0.9	3.1	2.2	0	0	1	1	0	1200	1200	0
11/28/2023 11:46	65001 NEFF_T2	0	0	0	0	0	0	-0.48	-0.38	1	1	0	1200	1200	0
11/28/2023 11:46	55002 NEWP_T1	3	3	0	0.17	0.33	0.16	-0.18	-0.17	0	0	0	0	0	0
11/28/2023 11:47	12701 MACU_T1	0	0	0	0	0	0	-1.13	-1.14	1	1	0	1200	1200	0
11/28/2023 11:48	41901 REED_T1	5	6	1	0.28	0.37	0.09	0	0	0	0	0	0	0	0
11/28/2023 11:48	12701 MACU_T1	0	0	0	0	0	0	-1.13	-1.14	1	1	0	1200	1200	0
11/28/2023 11:50	55002 NEWP_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/28/2023 11:50	47403 PENS_T1	1	1	0	1.1	1.8	0.7	0	0	0	0	0	0	0	0
11/28/2023 11:50	56501 ROCK_T2	2	1	-1	0.3	0	-0.3	-0.72	-0.77	0	0	0	0	0	0
11/28/2023 11:50	67502 WEWI_T2	0	2	2	0	0.3	0.3	-0.18	-0.16	0	0	0	0	0	0
11/28/2023 11:50	66901 SHIL_T2	20	25	5	0.18	0.18	0	-1.61	-1.63	1	1	0	1200	1200	0
11/28/2023 11:51	67502 WEWI_T2	0	2	2	0	0.3	0.3	0	0	0	0	0	0	0	0
11/28/2023 11:51	41902 REED_T1	2	2	0	0.15	0.2	0.05	1.17	1.21	0	0	0	0	0	0
11/28/2023 11:51	56501 ROCK_T2	2	1	-1	0.3	0	-0.3	-0.72	-0.77	0	0	0	0	0	0
11/28/2023 11:52	56501 ROCK_T2	2	1	-1	0.3	0	-0.3	0	0	0	0	0	0	0	0
11/28/2023 11:52	42701 AUGU_T1	1	1	0	0.2	0.3	0.1	0	0	4	4	0	3600	3600	0
11/28/2023 11:52	49803 UNIV_T1	0	1	1	0	0.3	0.3	-0.97	-0.93	0	0	0	0	0	0
11/28/2023 11:53	43402 BENT_T1	5	0	-5	0.38	0	-0.38	-1.47	-1.49	2	2	0	1500	1500	0
11/28/2023 11:53	60101 COCA_T1	0	0	0	0	0	0	0.43	0.4	0	0	0	0	0	0
11/28/2023 11:53	55002 NEWP_T1	3	3	0	0.17	0.33	0.16	-0.18	-0.17	0	0	0	0	0	0
11/28/2023 11:54	67502 WEWI_T2	0	2	2	0	0.3	0.3	-0.18	-0.16	0	0	0	0	0	0
11/28/2023 11:54	49804 UNIV_T1	0	1	1	0	0	0	0	0	0	0	0	0	0	0
11/28/2023 11:55	67502 WEWI_T2	0	2	2	0	0.3	0.3	-0.18	-0.16	0	0	0	0	0	0
11/28/2023 11:56	61801 EELI_T2	0	0	0	0	0	0	-0.7	-0.6	0	0	0	0	0	0
11/28/2023 11:56	43402 BENT_T1	5	0	-5	0.38	0	-0.38	-1.49	-1.49	2	2	0	1500	1500	0
11/28/2023 11:57	54502 ENOL_T2	1	1	0	0.2	0.3	0.1	0	0	0	0	0	0	0	0
11/28/2023 11:57	60101 COCA_T1	0	0	0	0	0	0	0.4	0.37	0	0	0	0	0	0
11/28/2023 11:59	12701 MACU_T1	0	0	0	0	0	0	-1.14	-1.12	1	1	0	1200	1200	0
11/28/2023 12:00	26401 INOR_T1	4	2	-2	0.25	0.25	0	0.53	0.36	0	0	0	0	0	0
11/28/2023 12:00	45003 LIME_2	1	1	0	1.7	3.1	1.4	0	0	1	1	0	1200	1200	0
11/28/2023 12:01	46801 HEPB_T2	0	0	0	0	0	0	0.68	0.67	0	0	0	0	0	0
11/28/2023 12:02	39601 LNFD_T1	7	12	5	1.24	0.74	-0.5	0	0	0	0	0	0	0	0
11/28/2023 12:04	12701 MACU_T1	0	0	0	0	0	0	-1.14	-1.12	1	1	0	1200	1200	0
11/28/2023 12:06	54502 ENOL_T2	1	1	0	0.3	0.3	0	0	0	0	0	0	0	0	0
11/28/2023 12:06	47403 PENS_T1	1	1	0	1.5	1.8	0.3	0	0	0	0	0	0	0	0
11/28/2023 12:07	49804 UNIV_T1	0	1	1	0	0.4	0.4	0	0	0	0	0	0	0	0
11/28/2023 12:07	42701 AUGU_T1	1	1	0	0.3	0.5	0.2	0	0	2	2	0	1800	1800	0
11/28/2023 12:08	42701 AUGU_T1	1	1	0	0.3	0.5	0.2	0	0	2	2	0	1800	1800	0
11/28/2023 12:09	60101 COCA_T1	0	0	0	0	0	0	0.4	0.37	0	0	0	0	0	0
11/28/2023 12:11	61801 EELI_T2	0	0	0	0	0	0	-0.6	-0.6	0	0	0	0	0	0
11/28/2023 12:13	40101 HUNT_T2	204	250	46	0.55	0.53	-0.02	-1.05	-1.77	0	3	3	0	900	900
11/28/2023 12:14	40101 HUNT_T2	204	250	46	0.55	0.53	-0.02	-0.35	-0.59	0	1	1	0	300	300
11/28/2023 12:16	43401 BENT_T1	0	1	1	0	0	0	0	0	0	0	0	0	0	0
11/28/2023 12:16	26401 INOR_T1	2	3	1	0.25	0.3	0.05	0.36	0.36	0	0	0	0	0	0
11/28/2023 12:17	40101 HUNT_T2	170	253	83	0.53	0.53	0	-0.35	-0.59	0	1	1	0	300	300
11/28/2023 12:21	29401 BELT_T1	58	62	4	0.32	0.31	-0.01	0	0	1	1	0	900	900	0
11/28/2023 12:22	29401 BELT_T1	58	62	4	0.32	0.31	-0.01	0	0	2	2	0	1800	1800	0
11/28/2023 12:22	62604 ENGL_T1	0	0	0	0	0	0	-0.4	-0.43	1	1	0	600	600	0
11/28/2023 12:23	15101 UPHA_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/28/2023 12:25	29401 BELT_T1	58	62	4	0.32	0.31	-0.01	0	0	1	1	0	900	900	0
11/28/2023 12:26	15102 UPHA_T1	1	1	0	1	0.7	-0.3	0	0	0	0	0	0	0	0
11/28/2023 12:28	29402 BELT_T1	3	1365	1362	2.93	2.87	-0.06	0	0	0	0	0	0	0	0
11/28/2023 12:32	45001 LIME_2	0	1	1	0	0	0	0	0	0	0	0	0	0	0
11/28/2023 12:32	55002 NEWP_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/28/2023 12:33	55002 NEWP_T1	4	2	-2	0.13	0.3	0.17	-0.19	-0.19	0	0	0	0	0	0
11/28/2023 12:34	29401 BELT_T1	39	83	44	0.21	0.38	0.17	0	0	0	0	0	0	0	0
11/28/2023 12:34	54202 PENN_T2	0	0	0	0	0	0	0.68	0.67	0	0	0	0	0	0
11/28/2023 12:39	45802 HEGI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/28/2023 12:41	40201 BEGA_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/28/2023 12:41	65001 NEFF_T2	0	0	0	0	0	0	-0.49	-0.39	1	1	0	1200	1200	0
11/28/2023 12:43	53903 HALI_T2	2	3	1	0.7	0.8	0.1	-0.1	-0.12	0	0	0	0	0	0
11/28/2023 12:49	49804 UNIV_T1	1	1	0	0.8	0	-0.8	0	0	0	0	0	0	0	0
11/28/2023 12:51	41901 REED_T1	7	8	1	0.34	0.38	0.04	0	0	0	0	0	0	0	0
11/28/2023 12:55	28601 BLYT_T2	0	1	1	0	0	0	0	0	0	0	0	0	0	0
11/28/2023 12:55	54505 ENOL_T2	1	2	1	0.8	0.8	0	0	0	0	0	0	0	0	0
11/28/2023 12:56	54505 ENOL_T2	1	2	1	0.8	0.8	0	0	0	0	0	0	0	0	0
11/28/2023 12:56	54505 ENOL_T2	1	2	1	0.8	0.8	0	0	0	0	0	0	0	0	0
11/28/2023 12:57	54502 ENOL_T2	1	1	0	0.2	0.3	0.1	-2.01	-2.01	1	1	0	600	600	0
11/28/2023 13:01	55002 NEWP_T1	2	3	1	0.3	0.5	0.2	0	0	0	0	0	0	0	0
11/28/2023 13:02	55001 NEWP_T1	0	0	0	0	0	0	-0.52	-0.5	1	1	0	600	600	0
11/28/2023 13:04	55002 NEWP_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/28/2023 13:05	55002 NEWP_T1	2	3	1	0.3	0.5	0.2	-0.17	-0.16	0	0	0	0	0	0
11/28/2023 13:09	14802 TREI_T2	1	1	0	0.1	1.2	1.1	0	0	0	0	0	0	0	0
11/28/2023 13:16	43402 BENT_T1	0	4	4	0	0.15	0.15	-1.48	-1.44	2	2	0	1500	1500	0
11/28/2023 13:20	67503 WEWI_T2	0	0	0	0	0	0	-0.15	-0.18	0	0	0	0	0	0
11/28/2023 13:20	54201 PENN_T1	166	153	-13	0.35	0.36	0.01	-1.28	-1.24	0	0	0	0	0	0
11/28/2023 13:24	45902 AUBU_T1	0	0	0	0	0	0	-0.49	-0.47	1	1	0	600	600	0
11/28/2023 13:25	67502 WEWI_T2	0	2	2	0	0.25	0.25	-0.16	-0.19	0	0	0	0	0	0
11/28/2023 13:26	49803 UNIV_T1	0	1	1	0	0.1	0.1	-0.92	-0.95	0	0	0	0	0	0
11/28/2023 13:27	46203 DANV_T2	0	1	1	0	0.1	0.1	0	0	0	0	0	0	0	0
11/28/2023 13:32	29401 BELT_T1	39	76	37	0.24	0.34	0.1	0	0	0	0	0	0	0	0
11/28/2023 13:38	66501 SMAN_T2	2	2	0	0.3	0.45	0.15	0	0	0	0	0	0	0	0
11/28/2023 13:55	54505 ENOL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/28/2023 14:05	54205 PENN_T1	0	20	20	0	0.12	0.12	0	0	0	0	0	0	0	0
11/28/2023 14:06	55105 WERT_T1	0	2	2	0	0	0	0	0	0	0	0	0	0	0
11/28/2023 14:07	55105 WERT_T1	0	2	2	0	0	0	0	0	0	0	0	0	0	0
11/28/2023 14:08	55105 WERT_T1	0	2	2	0	0	0	0	0	0	0	0	0	0	0
11/28/2023 14:09	52403 GRPA_T2	7	55	48	0.13	0	-0.13	-0.37	0.08	0	0	0	0	0	0
11/28/2023 14:09	28604 BLYT_T2	0	1	1	0	0.1	0.1	-2.8	-2.82	0	0	0	0	0	0
11/28/2023 14:10	55105 WERT_T1	0	2	2	0	0	0	0	0	0	0	0	0	0	0
11/28/2023 14:10	20401 ASHF_T2	0	1	1	0	0	0	0	0	0	0	0	0	0	0
11/28/2023 14:11	54503 ENOL_T2	0	0	0	0	0	0	-0.34	-0.35	1	1	0	600	600	0
11/28/2023 14:11	41801 GOCI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/28/2023 14:13	41801 GOCI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/28/2023 14:16	60201 ATGL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/28/2023 14:16	59003 MIFF_T1	0	0	0	0	0	0	-1.83	-1.75	0	0	0	0	0	0
11/28/2023 14:17	29401 BELT_T1	63	65	2	0.31	0.31	0	0	0	1	1	0	900	900	0
11/28/2023 14:19	14404 SSLA_T1	0	1	1	0	0.1	0.1	0	0	0	0	0	0	0	0
11/28/2023

11/28/2023 14:43	40101 HUNT_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
11/28/2023 14:44	41801 GOCI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
11/28/2023 14:45	40101 HUNT_T2	110	286	176	0.45	0.59	0.14	-0.85	-0.86	2	2	0	600	600	0
11/28/2023 14:46	55002 NEWP_T1	0	2	2	0	0.2	0.2	0	0	0	0	0	0	0	0
11/28/2023 14:46	40101 HUNT_T2	110	286	176	0.45	0.59	0.14	-0.42	-0.43	1	1	0	300	300	0
11/28/2023 14:47	47401 PENS_T1	1	0	-1	0.7	0	-0.7	-0.92	-0.95	0	0	0	0	0	0
11/28/2023 14:47	55101 WERT_T1	0	0	0	0	0	0	-1.46	-1.45	2	2	0	1500	1500	0
11/28/2023 14:47	40101 HUNT_T2	110	286	176	0.45	0.59	0.14	-0.42	-0.43	1	1	0	300	300	0
11/28/2023 14:48	46901 MNTG_T2	0	0	0	0	0	0	1.37	1.37	0	0	0	0	0	0
11/28/2023 14:48	47402 PENS_T1	0	1	1	0	0.1	0.1	0	0	0	0	0	0	0	0
11/28/2023 14:48	55105 WERT_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/28/2023 14:49	55105 WERT_T1	0	1	1	0	0	0	0	0	0	0	0	0	0	0
11/28/2023 14:51	14404 SSLA_T1	1	1	0	0.1	0.2	0.1	0	0	0	0	0	0	0	0
11/28/2023 14:51	56501 ROCK_T2	1	1	0	0.5	0.4	-0.1	-0.78	-0.75	0	0	0	0	0	0
11/28/2023 14:51	52502 PROG_T2	0	0	0	0	0	0	-0.59	-0.58	1	1	0	900	900	0
11/28/2023 14:52	59101 WALK_T2	1	1	0	0	0	0	1.73	1.53	1	1	0	600	600	0
11/28/2023 14:53	43001 ALWD_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/28/2023 14:56	42701 AUGU_T1	0	0	0	0	0	0	0	0	2	2	0	1800	1800	0
11/28/2023 14:58	41801 GOCI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/28/2023 14:59	46802 HEPB_T1	1	20	19	2.2	0.26	-1.94	-1.18	-1.15	0	0	0	0	0	0
11/28/2023 15:00	28403 HART_T2	0	1	1	0	0	0	-0.95	-0.92	1	1	0	900	900	0
11/28/2023 15:01	46903 MNTG_T2	0	8	8	0	0.11	0.11	-0.05	-0.07	1	1	0	600	600	0
11/28/2023 15:01	62604 ENGL_T1	0	0	0	0	0	0	-0.41	-0.47	1	1	0	600	600	0
11/28/2023 15:04	64801 MONE_T2	0	0	0	0	0	0	0.45	0.47	0	0	0	0	0	0
11/28/2023 15:13	45001 LIME_2	1	16	15	1	0.22	-0.78	0	0	0	0	0	0	0	0
11/28/2023 15:13	52401 GRPA_T2	1	0	-1	0.2	0	-0.2	0	0	0	0	0	0	0	0
11/28/2023 15:14	45003 LIME_1	1	1	0	2.7	3.4	0.7	0	0	1	1	0	1200	1200	0
11/28/2023 15:15	45001 LIME_2	5	17	12	0.28	0.2	-0.08	0	0	0	0	0	0	0	0
11/28/2023 15:16	52402 GRPA_T2	1	1	0	3	3.1	0.1	0	0	0	0	0	0	0	0
11/28/2023 15:19	43402 BENT_T1	2	0	-2	0.2	0	-0.2	-1.44	-1.45	2	2	0	1500	1500	0
11/28/2023 15:26	60102 COCA_T1	0	0	0	0	0	0	-1.12	-1.25	3	3	0	2100	2100	0
11/28/2023 15:28	60102 COCA_T1	0	0	0	0	0	0	-1.12	-1.25	3	3	0	2100	2100	0
11/28/2023 15:29	43402 BENT_T1	2	0	-2	0.2	0	-0.2	-1.45	-1.46	2	2	0	1500	1500	0
11/28/2023 15:33	55101 WERT_T1	0	0	0	0	0	0	-1.47	-1.51	2	2	0	1500	1500	0
11/28/2023 15:36	55101 WERT_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/28/2023 15:43	11104 EGYP_T1	0	2	2	0	0.2	0.2	0.73	0.75	0	0	0	0	0	0
11/28/2023 15:44	11104 EGYP_T1	0	2	2	0	0.2	0.2	0.73	0.75	0	0	0	0	0	0
11/28/2023 15:49	56501 ROCK_T2	1	1	0	0.5	1	0.5	-0.74	-0.71	0	0	0	0	0	0
11/28/2023 15:51	65901 SAKR_T2	1	1	0	8.8	8.8	0	-1.19	-1.2	1	1	0	900	900	0
11/28/2023 15:53	40201 BEGA_T2	1	3	2	0.2	1.1	0.9	0	0	0	0	0	0	0	0
11/28/2023 15:54	66702 STRA_T1	0	0	0	0	0	0	-0.44	-0.38	3	3	0	2700	2700	0
11/28/2023 15:55	40201 BEGA_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/28/2023 16:02	63401 HONY_T1	0	0	0	0	0	0	0.74	0.53	0	0	0	0	0	0
11/28/2023 16:08	56801 BENV_T1	0	0	0	0	0	0	-1.12	-1.08	2	2	0	1200	1200	0
11/28/2023 16:09	56801 BENV_T1	0	0	0	0	0	0	-1.68	-1.62	3	3	0	1800	1800	0
11/28/2023 16:10	56801 BENV_T1	0	0	0	0	0	0	-2.24	-2.16	4	4	0	2400	2400	0
11/28/2023 16:10	46206 DANV_T2	0	1	1	0	0	0	0	0	0	0	0	0	0	0
11/28/2023 16:12	56801 BENV_T1	0	0	0	0	0	0	-0.54	-0.52	1	1	0	600	600	0
11/28/2023 16:13	63402 HONY_T2	1	1	0	0.3	0.3	0	0	0	0	0	0	0	0	0
11/28/2023 16:18	65602 QVIL_T2	1	0	-1	0.1	0	-0.1	0	0	0	0	0	0	0	0
11/28/2023 16:19	43401 BENT_T1	6	5	-1	0.98	0.45	-0.53	0	0	0	0	0	0	0	0
11/28/2023 16:22	13704 SCHN_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/28/2023 16:29	43402 BENT_T1	0	0	0	0	0	0	-1.45	-1.42	2	2	0	1500	1500	0
11/28/2023 16:47	64101 REFR_T1	0	0	0	0	0	0	0.06	0.07	0	0	0	0	0	0
11/28/2023 16:47	55101 WERT_T1	1	0	-1	0.4	0	-0.4	-1.52	-1.49	2	2	0	1500	1500	0
11/28/2023 16:52	64101 REFR_T1	0	0	0	0	0	0	0.06	0.07	0	0	0	0	0	0
11/28/2023 17:16	43201 MVIL_T2	0	1	1	0	0	0	0	0	0	0	0	0	0	0
11/28/2023 17:19	43401 BENT_T1	0	2	2	0	0	0	0	0	0	0	0	0	0	0
11/28/2023 17:20	43201 MVIL_T2	0	1	1	0	0	0	0	0	0	0	0	0	0	0
11/28/2023 17:29	43401 BENT_T1	0	2	2	0	0	0	0	0	0	0	0	0	0	0
11/28/2023 17:52	15604 NSTR_T1	12	13	1	0.54	0.63	0.09	0	0	0	0	0	0	0	0
11/28/2023 18:01	43302 WATS_T2	1	4	3	0.1	0.25	0.15	0	0	0	0	0	0	0	0
11/28/2023 18:19	43402 BENT_T1	6	5	-1	0.17	0.1	-0.07	-1.46	-1.44	2	2	0	1500	1500	0
11/28/2023 18:28	26401 INOR_T1	8	2	-6	0.54	0.1	-0.44	0.5	0.49	0	0	0	0	0	0
11/28/2023 18:29	43402 BENT_T1	6	5	-1	0.17	0.1	-0.07	-1.44	-1.45	2	2	0	1500	1500	0
11/28/2023 18:30	64201 KINZ_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/28/2023 18:31	27101 GFLD_T2	1	1	0	2.1	1.7	-0.4	-0.18	-0.19	1	1	0	600	600	0
11/28/2023 18:32	64201 KINZ_T1	0	0	0	0	0	0	-0.58	-0.62	3	3	0	1500	1500	0
11/28/2023 18:32	26401 INOR_T1	2	2	0	0.25	0	-0.25	0	0	0	0	0	0	0	0
11/28/2023 18:34	13606 RICH_T2	0	1	1	0	0	0	0.93	0.96	0	0	0	0	0	0
11/28/2023 18:35	13302 ORVI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/28/2023 18:36	20801 LOPO_T1	0	0	0	0	0	0	0.21	0.22	0	0	0	0	0	0
11/28/2023 18:36	44901 SCOT_T2	0	0	0	0	0	0	-0.03	-0.13	0	0	0	0	0	0
11/28/2023 18:37	29401 BELT_T1	3	8	5	0.1	0.14	0.04	0	0	1	1	0	900	900	0
11/28/2023 18:37	23401 HONE_T2	0	5	5	0	0	0	-0.15	-0.15	0	0	0	0	0	0
11/28/2023 18:38	12701 MACU_T1	0	0	0	0	0	0	-0.98	-0.94	1	1	0	1200	1200	0
11/28/2023 18:39	17805 GILB_T2	0	0	0	0	0	0	-0.62	-0.62	0	0	0	0	0	0
11/28/2023 18:39	64203 KINZ_T1	0	0	0	0	0	0	-0.57	-0.55	1	1	0	600	600	0
11/28/2023 18:40	13904 SEID_T1	26	52	26	0.92	0.91	-0.01	0	0	0	0	0	0	0	0
11/28/2023 18:40	63403 HONY_T2	0	0	0	0	0	0	-0.49	-0.42	0	0	0	0	0	0
11/28/2023 18:40	10805 CHNI_T2	7	13	6	2.31	2.3	-0.01	-1.29	-1.17	1	1	0	600	600	0
11/28/2023 18:40	23901 EFMO_T2	1	1	0	1.3	1.4	0.1	-0.77	-0.77	0	0	0	0	0	0
11/28/2023 18:40	65604 QVIL_T2	0	0	0	0	0	0	0.55	0.53	0	0	0	0	0	0
11/28/2023 18:40	16302 ALPA_T2	0	0	0	0	0	0	-0.58	-0.6	0	0	0	0	0	0
11/28/2023 18:41	27502 WEIS_T2	0	0	0	0	0	0	-0.3	-0.29	0	0	0	0	0	0
11/28/2023 18:41	48901 FOSP_T2	0	0	0	0	0	0	-0.32	-0.34	1	1	0	600	600	0
11/28/2023 18:41	40101 HUNT_T2	302	411	109	1.14	1.29	0.15	-0.78	-0.8	1	1	0	300	300	0
11/28/2023 18:41	39601 LNFD_T1	0	7	7	0	0.83	0.83	0	0	1	1	0	900	900	0
11/28/2023 18:42	16302 ALPA_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/28/2023 18:42	29402 BELT_T1	1	1	0	6.6	6.6	0	0	0	0	0	0	0	0	0
11/28/2023 18:42	40101 HUNT_T2	302	411	109	1.14	1.29	0.15	-0.78	-0.8	1	1	0	300	300	0
11/28/2023 18:42	55101 WERT_T1	0	0	0	0	0	0	-1.67	-1.65	2	2	0	1500	1500	0
11/28/2023 18:42	66503 SMAN_T2	0	6	6	0	0.17	0.17	0	0	0	0	0	0	0	0
11/28/2023 18:42	13302 ORVI_T2	21	16	-5	0.3	0.23	-0.07	0.92	0.92	0	0	0	0	0	0
11/28/2023 18:42	17805 GILB_T2	0	0	0	0	0	0	-0.62	-0.66	0	0	0	0	0	0
11/28/2023 18:42	67002 STHI_T2	0	0	0	0	0	0	0.64	0.65	0	0	0	0	0	0
11/28/2023 18:42	59202 THOM_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/28/2023 18:43	47402 PENS_T1	1	0	-1	0.2	0	-0.2	0	0	0	0	0	0	0	0
11/28/2023 18:43	67502 WEWI_T2	0	0	0	0	0	0	-1.18	-1.17	1	1	0	900	900	0
11/28/2023 18:43	20403 ASHF_T2	0	0	0	0	0	0	0.65	0.64	0	0	0	0	0	0
11/28/2023 18:43	43202 MVIL_T2	3	2	-1	0.37	0.2	-0.17	-0.62	-0.58	0	0	0	0	0	0
11/28/2023 18:43	46203 DANV_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/28/2023 18:43	29401 BELT_T1	3	8	5	0.1	0.14	0.04	0	0	1	1	0	900	900	0
11/28/2023 18:43	16302 ALPA_T2	0	0	0	0	0	0	-0.6	-0.57	0	0	0	0	0	0
11/28/2023 18:43	44901 SCOT_T2	0	0	0	0	0	0	-0.13	-0.08	0	0	0	0	0	0
11/28/2023 18:43	48901 FOSP_T2	0	0	0	0	0	0	-0.32	-0.34	1	1	0	600	600	0
11/28/2023 18:44	47403 PENS_T1	1	1	0	1.5	2.1	0.6	0	0	0	0	0	0	0	0
11/28/2023 18:44	45502 DERR_T2	0	2	2	0	0	0	0	0	0	0	0	0	0	0
11/28/2023 18:44	45902 AUBU_T1	0	0	0	0	0	0	-0.85	-0.83	1	1	0	600	600	0
11/28/2023 18:44	48901 FOSP_T2	0	0	0	0	0	0	-0.32	-0.34	1	1	0	600	600	0
11/28/2023 18:44	64902 MILL_T2	0	0	0	0	0	0	-0.62	-0.61	1	1	0	900	900	0
11/28/2023 18:44	15101 UPHA_T1	0	0	0	0	0	0	0.02	0	0	0	0	0	0	0
11/28/2023 18:44	15604 NSTR_T1	2	1	-1	0.85	1.4	0.55	0	0	0	0	0	0	0	0
11/28/2023 18:44	65004 NEFF_T2	0	0	0	0	0	0	-0.35	-0.36	0	0	0	0	0	0
11/28/2023 18:44	62604 ENGL_T1	0	0	0	0	0	0	-0.44	-0.42	1	1	0	600	600	0
11/28/2023 18:45	54203 PENN_T1	18	18	0	0.56	0.71	0.15	0	0	0	0	0	0	0	0
11/28/2023 18:45	16302 ALPA_T2	0	0	0	0	0	0	-0.6	-0.57	0	0	0	0	0	0
11/28/2023 18:45	41801 GOCI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/28/2023 18:45	46903 MNTG_T2	0	0	0	0	0	0	-0.23	-0.22	1	1	0	600	600	0
11/28/2023 18:45	67002 STHI_T2	0	0	0	0	0	0	0.64	0.65	0	0	0	0	0	0
11/28/2023 18:45	44601 SALE_T2	0	0	0	0	0	0	0.05	0.01	0	0	0	0	0	0
11/28/2023 18:45	54504 ENOL_T2	0	0	0	0	0	0	-0.86	-0.87	1	1	0	600	600	0
11/28/2023 18:45	44301 BEAV_T2	3	6	3	0.57	0.3	-0.27	0.1	0.14	1	1	0	600	600	0
11/28/2023 18:46	11104 EGYP_T1	26	32	6	0.33	0.85	0.52	0.53	0.54	0	0	0	0	0	0
11/28/2023 18:46	53501 EVIL_T2	0	1	1	0	0.1	0.1	-1.14	-1.2	2	2	0	1200	1200	0
11/28/2023 18:46	57401 SPAN_T1	0	0	0	0	0	0	-1.13	-1.15	1	1	0	600	600	0
11/28/2023 18:46	45902 AUBU_T1	0	0	0	0	0	0	-1.7	-1.65	2	2	0	1200	1200	0
11/28/2023 18:46	47403 PENS_T1	1	1	0	2	2.2	0.2	0	0	0	0	0	0	0	0
11/28/2023 18:46	67503 WEWI_T2	0	0	0	0	0	0	0.12	-0.01	0	0	0	0	0	0
11/28/2023 18:46	56801 BENV_T1	1	15	14	0.1	0.7	0.6	-0.44	-0.42	1	1	0	600	600	0
11/28/2023 18:46	43402 BENT_T1	2	27	25	0.1	0.45	0.35	-1.45	-1.43	2	2	0	1500	1500	0
11/28/2023 18:46	67002 STHI_T2	0	0	0	0	0	0	0.64	0.65	0	0	0	0	0	0
11/28/2023 18:46	65001 NEFF_T2	0	0	0	0	0	0	-0.73	-0.45	1	1	0	1200	1200	0
11/28/2023 18:46	28403 HART_T2	0	0	0	0	0	0	-0.7	-0.68	1	1	0	900	900	0
11/28/2023 18:47	44601 SALE_T2	0	0	0	0	0	0	0.05	0.01	0	0	0	0	0	0
11/28/2023 18:47	52402 GRPA_T2	8	13	5	0.75	0.74	-0.01	0	0	0	0	0	0	0	0
11/28/2023 18:47	64204 KINZ_T1	1	1	0	0.8	1.1	0.3	0	0	0	0	0	0	0	0
11/28/2023 18:47	52404 GRPA_T2	19	13	-6	0.54	0.3	-0.24	0.05	0.02	0	0	0	0	0	0
11/28/2023 18:47	60101 COCA_T1	0	0	0	0	0	0	0.53	0.5	0	0	0	0	0	0
11/28/2023 18:47	52004 LING_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/28/2023 18:47	65303 NBRI_T2	0	0	0	0	0	0	0.06	0.11	0	0	0	0	0	0
11/28/2023 18:47	43304 WATS_T2	16	23	7	0.66	0.37	-0.29	-0.12	-0.24	0	0	0	0	0	0
11/28/2023 18:47	56802 BENV_T2	0	0	0	0	0	0	-1.13	-1.15	0	0	0	0	0	0
11/28/2023 18:47	28602 BLYT_T2	2	2	0	0.3	0	-0.3	0	0	0	0	0	0	0	0
11/28/2023 18:47	57401 SPAN_T1	0	0	0	0	0	0	-1.13	-1.15	1	1	0	600	600	0
11/28/2023 18:47	17804 GILB_T2	0	0	0	0	0	0	-0.45	-0.44	0	0	0	0	0	0
11/28/2023 18:47	65001 NEFF_T2	0	0	0	0	0	0	-0.73	-0.45	1	1	0	1200	1200	0
11/28/2023 18:47	46206 DANV_T2	3	12	9	0.47	0.64	0.17	0	0	0	0	0	0	0	0
11/28/2023 18:47	59101 WALK_T2	1	1	0	0	0	0	1.22	1.26	1	1	0	450	450	0
11/28/2023 18:47	49803 UNIV_T1	0	0	0	0	0	0	-0.95	-0.89	0	0	0	0	0	0
11/28/2023 18:47	56501 ROCK_T2	1	5	4	0.2	0.1	-0.1	-1.16	-1.11	0	0	0	0	0	0
11/28/2023 18:47	56801 BENV_T1	1	15	14	0.1	0.7	0.6	-0.44	-0.42	1	1	0	600	600	0
11/28/2023 18:47	14403 SSLA_T1	0	0	0	0	0	0	1.05	1.06	0	0	0	0	0	0
11/28/2023 18:48	45003 LIME_2	39	75	36	0.41	0.46	0.05	0	0	1	1	0	1200	1200	0
11/28/2023 18:48	52402 GRPA_T2	8	13	5	0.75	0.74	-0.01	0	0	0	0	0	0	0	0
11/28/2023 18:48	10801 CHNI_T1	0	0	0	0	0	0	-1.95	-1.89	3	3	0	2100	2100	0
11/28/2023 18:48	46204 DANV_T2	3	65	62	0.27	0.28	0.01	0	0	0	0	0	0	0	0
11/28/2023 18:48	45902 AUBU_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/28/2023 18:48	56802 BENV_T2	0	0	0	0	0	0	-2.26	-2.3	0	0	0	0	0	0
11/28/2023 18:48	28604 BLYT_T2	0	0	0	0	0	0	-1.22	-1.26	0	0	0	0	0	0
11/28/2023 18:48	58401 MORO_T1	1	1	0	0.7	0.2	-0.5	0	0	0	0	0	0	0	0
11/28/2023 18:48	60803 BUCK_T1	0	0	0	0	0	0	-1.21	-1.2	1	1	0	600	600	0
11/28/2023 18:48	53501 EVIL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/28/2023 18:48	48302 ORWI_T2	2	2	0	1.1	1.15	0.05	-0.38	-0.42	0	0	0	0	0	0
11/28/2023 18:48	57403 SPAN_T1	0	0	0	0	0	0	0.26	0.24	0	0	0	0	0	0
11/28/2023 18:48	45702 LIND_T2	1	1	0	1.6	1	-0.6	-0.47	-0.46	0	0	0	0	0	0
11/28/2023 18:49	47401 PENS_T1	0	0	0	0	0	0	-0.37	-0.37	0	0	0	0	0	0
11/28/2023 18:49	45502 DERR_T2	1	1	0	0.7	0.2	-0.5	0	0	0	0	0	0	0	0
11/28/2023 18:49	13704 SCHN_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/28/2023 18:49	42801 SELI_T1	1	1	0	0	0	0	0	0	0	0	0	0	0	0
11/28/2023 18:49	43301 WATS_T2	0	1	1	0	0.1	0.1	0	0	0	0	0	0	0	0
11/28/2023 18:49	46004 BERW_T2	4	6	2	1.03	0.35	-0.68	0	0	0	0	0	0	0	0
11/28/2023 18:49	46901 MNTG_T2	0	1	1	0	0	0	0.89	1.13	0	0	0	0	0	0
11/28/2023 18:49	41602 CLEV_T1	8	2	-6	0.34	0	-0.34	0	0	0	0	0	0	0	0
11/28/2023 18:49	41801 GOCI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/28/2023 18:49	43201 MVIL_T2	0	0	0	0	0	0	-1.27	-1.24	0	0	0	0	0	0
11/28/2023 18:49	60101 COCA_T1	0	0	0	0	0	0	0.53	0.5	0	0	0	0	0	0
11/28/2023 18:49	57401 SPAN_T1	0	0	0	0	0	0	-1.13	-1.15	1	1	0	600	600	0
11/28/2023 18:49	64101 REFR_T1	0	0	0	0	0	0	0.1	0.09	0	0	0	0	0	0
11/28/2023 18:49	60201 ATGL_T2	0	0	0	0	0	0	0	0	0	0

Appendix C - Grid Benefits Achieved in Each Instance of Active Management

11/28/2023 18:52	45502 DERR_T2	1	1	0	0.7	0.2	-0.5	0	0	0	0	0	0	0
11/28/2023 18:52	40101 HUNT_T2	363	413	50	1.28	1.48	0.2	-0.78	-0.8	1	1	0	300	300
11/28/2023 18:52	60803 BUCK_T1	0	0	0	0	0	0	-1.21	-1.2	1	1	0	600	600
11/28/2023 18:52	42703 AUGU_T1	2	3	1	1.5	0.25	-1.25	0	0	4	4	0	3600	3600
11/28/2023 18:52	55101 WERT_T1	0	1	1	0	0	0	-1.67	-1.65	2	2	0	1500	1500
11/28/2023 18:52	57403 SPAN_T1	0	0	0	0	0	0	0.26	0.24	0	0	0	0	0
11/28/2023 18:52	56801 BENV_T1	1	15	14	0.1	0.7	0.6	-0.44	-0.42	1	1	0	600	600
11/28/2023 18:52	66702 STRA_T1	0	0	0	0	0	0	-0.2	-0.22	3	3	0	2700	2700
11/28/2023 18:53	52502 PROG_T2	0	1	1	0	0	0	-0.33	-0.34	1	1	0	900	900
11/28/2023 18:53	56801 BENV_T1	1	15	14	0.1	0.7	0.6	-0.44	-0.42	1	1	0	600	600
11/28/2023 18:53	47403 PENS_T1	1	1	0	2	2.2	0.2	0	0	0	0	0	0	0
11/28/2023 18:53	46203 DANV_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
11/28/2023 18:53	12701 MACU_T1	0	0	0	0	0	0	-0.94	-0.94	1	1	0	1200	1200
11/28/2023 18:53	45902 AUBU_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
11/28/2023 18:53	11103 EGYP_T1	0	1	1	0	0	0	0	0	0	0	0	0	0
11/28/2023 18:53	57401 SPAN_T1	0	0	0	0	0	0	-1.13	-1.15	1	1	0	600	600
11/28/2023 18:53	62604 ENGL_T1	0	0	0	0	0	0	-0.44	-0.42	1	1	0	600	600
11/28/2023 18:53	55101 WERT_T1	0	1	1	0	0	0	-1.67	-1.65	2	2	0	1500	1500
11/28/2023 18:53	43304 WATS_T2	16	23	7	0.66	0.37	-0.29	-0.12	-0.24	0	0	0	0	0
11/28/2023 18:53	63804 HEMP_T1	1	1	0	6.7	6.3	-0.4	0.61	0.6	0	0	0	0	0
11/28/2023 18:53	43304 WATS_T2	16	23	7	0.66	0.37	-0.29	-0.12	-0.24	0	0	0	0	0
11/28/2023 18:53	55001 NEWP_T1	1	0	-1	0.2	0	-0.2	-0.47	-0.48	1	1	0	600	600
11/28/2023 18:53	45402 WBLO_T2	0	1	1	0	0	0	0	0	0	0	0	0	0
11/28/2023 18:54	43304 WATS_T2	16	23	7	0.66	0.37	-0.29	-0.12	-0.24	0	0	0	0	0
11/28/2023 18:54	65902 SAKR_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
11/28/2023 18:54	43301 WATS_T2	0	1	1	0	0.1	0.1	0	0	0	0	0	0	0
11/28/2023 18:54	52402 GRPA_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
11/28/2023 18:54	64201 KINZ_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
11/28/2023 18:54	45001 LIME_2	60	85	25	0.51	0.93	0.42	0	0	0	0	0	0	0
11/28/2023 18:54	64101 REFR_T1	0	0	0	0	0	0	0.1	0.09	0	0	0	0	0
11/28/2023 18:54	63401 HONY_T1	0	0	0	0	0	0	0.44	0.37	0	0	0	0	0
11/28/2023 18:54	67203 TEHI_T1	0	1	1	0	0	0	2.19	2.28	2	2	0	1500	1500
11/28/2023 18:54	55101 WERT_T1	0	1	1	0	0	0	-1.67	-1.65	2	2	0	1500	1500
11/28/2023 18:54	54505 ENOL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
11/28/2023 18:55	43001 ALWD_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
11/28/2023 18:55	56802 BENV_T2	0	0	0	0	0	0	-1.13	-1.15	0	0	0	0	0
11/28/2023 18:55	47401 PENS_T1	0	0	0	0	0	0	-0.73	-0.74	0	0	0	0	0
11/28/2023 18:55	64101 REFR_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
11/28/2023 18:55	59101 WALK_T2	1	1	0	0	0	0	1.22	1.26	1	1	0	450	450
11/28/2023 18:55	61801 EEU_T2	0	0	0	0	0	0	-1.66	-1.54	2	2	0	1200	1200
11/28/2023 18:55	67002 STHI_T2	0	0	0	0	0	0	0.64	0.65	0	0	0	0	0
11/28/2023 18:55	54701 NEBL_T1	1	0	-1	0.1	0	-0.1	0	0	1	1	0	600	600
11/28/2023 18:55	57403 SPAN_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
11/28/2023 18:55	59003 MIFF_T1	0	0	0	0	0	0	-0.25	-0.66	0	0	0	0	0
11/28/2023 18:55	14403 SSLA_T1	0	0	0	0	0	0	1.05	1.06	0	0	0	0	0
11/28/2023 18:55	55101 WERT_T1	0	1	1	0	0	0	-1.67	-1.65	2	2	0	1500	1500
11/28/2023 18:55	62604 ENGL_T1	0	0	0	0	0	0	-0.44	-0.42	1	1	0	600	600
11/28/2023 18:55	40101 HUNT_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
11/28/2023 18:56	52403 GRPA_T2	76	65	-11	0.85	0.77	-0.08	0.12	0.12	0	0	0	0	0
11/28/2023 18:56	55101 WERT_T1	0	1	1	0	0	0	-1.65	-1.72	2	2	0	1500	1500
11/28/2023 18:56	57401 SPAN_T1	0	0	0	0	0	0	-1.15	-1.15	1	1	0	600	600
11/28/2023 18:56	45802 HEGI_T2	0	0	0	0	0	0	0.75	0.63	0	0	0	0	0
11/28/2023 18:56	45001 LIME_2	60	85	25	0.51	0.93	0.42	0	0	0	0	0	0	0
11/28/2023 18:56	46204 DANV_T2	3	65	62	0.27	0.28	0.01	0	0	0	0	0	0	0
11/28/2023 18:56	59101 WALK_T2	1	1	0	0	0	0	1.26	1.15	1	1	0	450	450
11/28/2023 18:56	53501 EVIL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
11/28/2023 18:57	52404 GRPA_T2	19	13	-6	0.54	0.3	-0.24	0	0	0	0	0	0	0
11/28/2023 18:57	46901 MNTG_T2	0	1	1	0	0	0	0	0	0	0	0	0	0
11/28/2023 18:57	41902 REED_T1	85	59	-26	0.56	0.57	0.01	2.48	2.5	0	0	0	0	0
11/28/2023 18:57	55001 NEWP_T1	1	0	-1	0.2	0	-0.2	0	0	0	0	0	0	0
11/28/2023 18:57	61801 EEU_T2	0	0	0	0	0	0	-0.77	-0.85	1	1	0	600	600
11/28/2023 18:57	42802 SELI_T1	1	0	-1	0.2	0	-0.2	-2.22	-2.23	1	1	0	900	900
11/28/2023 18:57	56801 BENV_T1	1	15	14	0.1	0.7	0.6	-1.26	-1.43	3	3	0	1800	1800
11/28/2023 18:57	40201 BEGA_T2	1	4	3	1.6	1.5	-0.1	0	0	0	0	0	0	0
11/28/2023 18:57	56802 BENV_T2	0	0	0	0	0	0	-1.15	-1.13	0	0	0	0	0
11/28/2023 18:57	56504 ROCK_T2	0	0	0	0	0	0	-0.04	-0.02	0	0	0	0	0
11/28/2023 18:57	57401 SPAN_T1	0	0	0	0	0	0	-1.15	-1.15	1	1	0	600	600
11/28/2023 18:57	40101 HUNT_T2	363	413	50	1.28	1.48	0.2	-0.8	-0.8	1	1	0	300	300
11/28/2023 18:57	45802 HEGI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
11/28/2023 18:58	43304 WATS_T2	16	23	7	0.66	0.37	-0.29	-0.24	-0.36	0	0	0	0	0
11/28/2023 18:58	52402 GRPA_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
11/28/2023 18:58	43304 WATS_T2	16	23	7	0.66	0.37	-0.29	-0.24	-0.36	0	0	0	0	0
11/28/2023 18:58	55101 WERT_T1	0	1	1	0	0	0	-1.65	-1.72	2	2	0	1500	1500
11/28/2023 18:58	56802 BENV_T2	0	0	0	0	0	0	-1.15	-1.13	0	0	0	0	0
11/28/2023 18:58	55002 NEWP_T1	2	2	0	0.2	0.35	0.15	-0.14	-0.15	0	0	0	0	0
11/28/2023 18:58	59101 WALK_T2	1	1	0	0	0	0	1.26	1.15	1	1	0	450	450
11/28/2023 18:58	55001 NEWP_T1	1	0	-1	0.2	0	-0.2	-0.48	-0.47	1	1	0	600	600
11/28/2023 18:58	12701 MACU_T1	0	0	0	0	0	0	-0.94	-0.97	1	1	0	1200	1200
11/28/2023 18:58	64101 REFR_T1	0	0	0	0	0	0	0.18	0.18	0	0	0	0	0
11/28/2023 18:59	66703 STRA_T1	0	0	0	0	0	0	-0.04	-0.05	0	0	0	0	0
11/28/2023 18:59	56801 BENV_T1	1	15	14	0.1	0.7	0.6	-0.42	-0.48	1	1	0	600	600
11/28/2023 18:59	43301 WATS_T2	0	1	1	0	0.1	0.1	0	0	0	0	0	0	0
11/28/2023 18:59	54502 ENOL_T2	0	1	1	0	0	0	0	0	0	0	0	0	0
11/28/2023 18:59	53903 HALI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
11/28/2023 18:59	58402 MORO_T1	3	5	2	0.87	1	0.13	-1.01	-1.06	4	4	0	2850	2850
11/28/2023 18:59	40201 BEGA_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
11/28/2023 18:59	64101 REFR_T1	0	0	0	0	0	0	0.09	0.09	0	0	0	0	0
11/28/2023 19:00	56801 BENV_T1	6	20	14	0.17	0.89	0.72	-0.42	-0.48	1	1	0	600	600
11/28/2023 19:00	52404 GRPA_T2	13	3	-10	0.44	0.2	-0.24	0	0	0	0	0	0	0
11/28/2023 19:00	55105 WERT_T1	0	0	0	0	0	0	-0.27	-0.28	1	1	0	900	900
11/28/2023 19:00	58402 MORO_T1	2	5	3	1.05	1.9	0.85	-1.01	-1.06	4	4	0	2850	2850
11/28/2023 19:00	52501 PROG_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
11/28/2023 19:00	55101 WERT_T1	0	1	1	0	0	0	-1.65	-1.72	2	2	0	1500	1500
11/28/2023 19:01	53501 EVIL_T2	0	1	1	0	0.1	0.1	-1.2	-1.2	2	2	0	1200	1200
11/28/2023 19:02	40101 HUNT_T2	401	413	12	1.5	1.47	-0.03	-0.8	-0.8	1	1	0	300	300
11/28/2023 19:02	65001 NEFF_T2	0	0	0	0	0	0	-0.45	-0.76	1	1	0	1200	1200
11/28/2023 19:03	56801 BENV_T1	0	1	1	0	0	0	0	0	0	0	0	0	0
11/28/2023 19:11	40101 HUNT_T2	401	413	12	1.5	1.47	-0.03	-0.8	-0.78	1	1	0	300	300
11/28/2023 19:15	43401 BENT_T1	3	2	-1	0.5	0	-0.5	0	0	0	0	0	0	0
11/28/2023 19:29	43402 BENT_T1	24	9	-15	0.49	0.33	-0.16	-1.44	-1.44	2	2	0	1500	1500
11/28/2023 20:15	43401 BENT_T1	1	0	-1	0.5	0	-0.5	0	0	0	0	0	0	0
11/28/2023 20:29	43402 BENT_T1	7	3	-4	0.9	0.47	-0.43	-1.46	-1.48	2	2	0	1500	1500
11/28/2023 21:10	43402 BENT_T1	3	0	-3	0.23	0	-0.23	-1.46	-1.47	2	1	-1	1500	900
11/28/2023 21:15	43402 BENT_T1	0	0	0	0	0	0	-1.47	-1.43	2	1	-1	1500	900
11/28/2023 21:29	43402 BENT_T1	0	0	0	0	0	0	-1.43	-0.85	1	1	0	900	900
11/28/2023 21:56	43402 BENT_T1	0	0	0	0	0	0	-0.84	-1.47	1	2	1	900	1500
11/29/2023 0:28	67502 WEWI_T2	0	0	0	0	0	0	-1.36	-1.36	1	1	0	900	900
11/29/2023 0:28	64101 REFR_T1	0	0	0	0	0	0	0.43	0.39	0	0	0	0	0
11/29/2023 0:28	52402 GRPA_T2	1	1	0	1.5	2.1	0.6	0	0	0	0	0	0	0
11/29/2023 0:28	29402 BELT_T1	2	1	-1	3.65	6.7	3.05	0	0	0	0	0	0	0
11/29/2023 7:54	45502 DERR_T2	50	38	-12	0.41	0.4	-0.01	0	0	0	0	0	0	0
11/29/2023 7:56	40201 BEGA_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
11/29/2023 8:02	54701 NEBL_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
11/29/2023 8:03	54701 NEBL_T1	0	0	0	0	0	0	0	0	1	1	0	600	600
11/29/2023 8:06	43402 BENT_T1	4	1	-3	0.4	0	-0.4	-1.5	-1.45	2	2	0	1500	1500
11/29/2023 8:08	55101 WERT_T1	0	0	0	0	0	0	-1.36	-1.29	2	2	0	1500	1500
11/29/2023 8:09	45501 DERR_T2	10	11	1	0.65	0.53	-0.12	1.1	0.97	2	2	0	1800	1800
11/29/2023 8:09	29402 BELT_T1	1	1	0	7.5	7.2	-0.3	0	0	0	0	0	0	0
11/29/2023 8:09	55101 WERT_T1	0	0	0	0	0	0	-1.36	-1.29	2	2	0	1500	1500
11/29/2023 8:10	43402 BENT_T1	4	1	-3	0.4	0	-0.4	-1.5	-1.45	2	2	0	1500	1500
11/29/2023 8:12	63305 GREE_T1	0	1	1	0	0.1	0.1	-1.34	-1.35	0	0	0	0	0
11/29/2023 8:12	55101 WERT_T1	0	0	0	0	0	0	-1.29	-1.34	2	2	0	1500	1500
11/29/2023 8:14	52403 GRPA_T2	25	151	126	0.45	0.45	0	0	0	0	0	0	0	0
11/29/2023 8:15	52404 GRPA_T2	0	0	0	0	0	0	-0.21	0.52	0	0	0	0	0
11/29/2023 8:15	25402 LAHA_T2	13	10	-3	0.86	0.55	-0.31	-0.59	-0.54	0	0	0	0	0
11/29/2023 8:21	49803 UNIV_T1	0	0	0	0	0	0	-0.82	-0.82	0	0	0	0	0
11/29/2023 8:26	46204 DANV_T2	0	1	1	0	0	0	0	0	0	0	0	0	0
11/29/2023 8:28	43402 BENT_T1	0	11	11	0	0.1	0.1	-1.47	-0.83	2	2	0	1500	1500
11/29/2023 8:28	52402 GRPA_T2	2	1	-1	1.75	2.4	0.65	0	0	0	0	0	0	0
11/29/2023 8:29	43402 BENT_T1	0	11	11	0	0.1	0.1	-1.47	-0.83	2	2	0	1500	1500
11/29/2023 8:31	55002 NEWP_T1	5	5	0	0.52	0.24	-0.28	-0.16	-0.13	0	0	0	0	0
11/29/2023 8:35	45001 LIME_2	4	3	-1	0.68	0.5	-0.18	0	0	0	0	0	0	0
11/29/2023 8:42	23401 HONE_T2	0	0	0	0	0	0	-0.08	-0.05	0	0	0	0	0
11/29/2023 8:43	65001 NEFF_T2	0	0	0	0	0	0	-0.42	-0.32	1	1	0	1200	1200
11/29/2023 8:50	55101 WERT_T1	0	0	0	0	0	0	-1.31	-1.27	2	2	0	1500	1500
11/29/2023 8:51	63305 GREE_T1	1	3	2	0.1	0.13	0.03	-1.36	-1.46	0	0	0	0	0
11/29/2023 8:52	43402 BENT_T1	11	13	2	0.37	0.73	0.36	-0.83	-0.83	2	1	-1	1500	900
11/29/2023 8:53	43402 BENT_T1	11	13	2	0.37	0.73	0.36	-0.83	-0.83	1	2	1	900	1500
11/29/2023 8:53	55101 WERT_T1	0	0	0	0	0	0	-3.92	-3.82	6	6	0	4500	4500
11/29/2023 8:54	65001 NEFF_T2	0	0	0	0	0	0	-0.42	-0.32	1	1	0	1200	1200
11/29/2023 8:56	52402 GRPA_T2	1	6	5	2.4	0.88	-1.52	0	0	0	0	0	0	0
11/29/2023 9:00	41902 REED_T1	2	4	2	0.4	0.4	0	0.46	0.47	1	1	0	900	900
11/29/2023 9:00	40101 HUNT_T2	331	427	96	0.98	1.04	0.06	-0.55	-0.54	0	0	0	0	0
11/29/2023 9:00	52503 PROG_T2	0	0	0	0	0	0	-0.44	-0.46	1	1	0	900	900
11/29/2023 9:00	52403 GRPA_T2	101	135	34	0.68	0.44	-0.24	0.06	0.05	0	0	0	0	0
11/29/2023 9:00	54502 ENOL_T2	0	0	0	0	0	0	-1.86	-1.92	1	1	0	600	600
11/29/2023 9:00	47101 MARL_T1	4	7	3	0.35	0.3	-0.05	-0.64	-0.6	1	1	0	600	600
11/29/2023 9:00	55101 WERT_T1	0	0	0	0	0	0	-2.55	-2.69	4	4	0	3000	3000
11/29/2023 9:00	56501 ROCK_T2	183	300	117	0.22	0.29	0.07	-2.17	-1.55	0	0	0	0	0
11/29/2023 9:00	53903 HALI_T2	2	2	0	0.4	0.85	0.45	-0.31	-0.26	0	0	0	0	0
11/29/2023 9:00	61801 EEU_T2	0	0	0	0	0	0	-0.4	-0.28	0	0	0	0	0
11/29/2023 9:01	55101 WERT_T1	0	0	0	0	0	0	-1.27	-1.35	2	2	0	1500	1500
11/29/2023 9:03	63804 HEMP_T1	1	1	0	6.5	6.2	-0.3	0	0	0	0	0	0	0
11/29/2023 9:06	63804 HEMP_T1	1	1	0	6.5	6.2	-0.3	0	0	0	0	0	0	0
11/29/2023 9:06	67503 WEWI_T2	0	0	0	0	0	0	0.05	0.04	0	0	0	0	0
11/29/2023 9:07	66901 SHIL_T2	94	10	-84	0.2	0.1	-0.1	-1.44	-1.45	1	1	0	1200	1200
11/29/2023 9:07	63801 HEMP_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
11/29/2023 9:08	55101 WERT_T1	0	0	0	0	0	0	-1.27	-1.35	2	2	0	1500	1500
11/29/2023 9:08	46206 DANV_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
11/29/2023 9:08	49804 UNIV_T1	1	1	0	0.8	2.2	1.4	0	0	0	0	0	0	0
11/29/2023 9:09	45501 DERR_T2	7	8	1	1.27	0.4	-0.87	1.06	1.11	2	2	0	1800	1800
11/29/2023 9:09	55101 WERT_T1	0	0	0	0	0	0	-1.27	-1.35	2	2	0	1500	1500
11/29/2023 9:11	54601 SUMM_T2	0	0	0	0	0	0	-1.72	-1.74	2	2	0	2100	2100
11/29/2023 9:12	52402 GRPA_T2	2	6	4	1.6	0.83	-0.77	0	0	0	0	0	0	0
11/29/2023 9:12	52402 GRPA_T2	2	6	4	1.6	0.83	-0.77	0	0	0	0	0	0	0
11/29/2023 9:12	29401 BELT_T1	45	88	43	0.3	0.41	0.11	0	0	0	0	0	0	0
11/29/2023 9:13	45501 DERR_T2	7	8	1	1.27	0.4	-0.87	1.11	1.02	2	2	0	1800	1800
11/29/2023 9:13	25402 LAHA_T2	14	20	6	0.65	0.48	-0.17	-0.54	-0.5	0	0	0	0	0
11/29/2023 9:15	46901 MNTG_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
11/29/2023 9:15	43202 MVIL_T2	0	1	1	0	0.4	0.4	-0.49	-0.52	0	0	0	0	0
11/29/2023 9:16	54701 NEBL_T1	0	0	0	0	0	0	0	0	1	1	0	600	600
11/29/2023 9:17	64101 REFR_T1	0	0	0	0	0	0	0.05	0.07	0	0	0	0	0
11/29/2023 9:17	43202 MVIL_T2	0	1	1	0	0.4	0.4	-0.49	-0.52	0	0	0	0	0
11/29/2023 9:18	59301 MCAL_T1	2	0	-2	0.15	0	-0.15	0	0	0	0	0	0	0
11/29/2023 9:18	55002 NEWP_T1	4	2	-2	0.5	0.15	-0.35	-0.14	-0.12	0	0	0	0	0
11/29/2023 9:19	64101 REFR_T1	0	0	0	0	0	0	0.05	0.07	0	0	0	0	0
11/29/2023 9:20	64101 REFR_T1	0	0	0	0	0	0	0.05	0.07	0	0	0	0	0
11/29/2023 9:21	54701 NEBL_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
11/29/2023 9:21	13904 SEID_T1	1	14	13	0.2	0	-0.2	0	0	0	0	0	0	0
11/29/2023 9:21	64101 REFR_T1	0	0	0	0	0	0	0.05	0.07	0	0	0	0	0
11/29/2023 9:22	64101 REFR_T1	0	0	0	0	0	0	0.05	0.07	0	0	0	0	0
11/29/2023 9:23	49803 UNIV_T1	0	0	0	0	0	0	-0.83	-0.85	0	0	0	0	0
11/29/2023 9:23	64101 REFR_T1	0	0	0	0	0	0	0.05	0.07	0	0	0	0	0
11/29/2023 9:23	43402 BENT_T1	4	3	-1	0.73	0	-0.73	-1.45	-0.83	2	2	0	1500	1500
11/29/2023 9:25	29402 BELT_T1	70	86	16	0.39	0.41	0.02	0	0	0	0	0	0	0
11/29/2023 9:25	43402 BENT_T1	4	3	-1	0.73	0	-0.73	-1.45	-0.83	2	2	0	1500	1500
11/29/2023 9:26	41801 GOCI_T2	1	1	0	1	0.6	-0.4	0	0	0	0	0	0	0
11/29/2023 9:27

11/29/2023 10:00	40101 HUNT_T2	455	477	22	1.38	1.3	-0.08	-0.32	-0.27	0	0	0	0	0	0
11/29/2023 10:01	64802 MONE_T2	0	0	0	0	0	0	0.23	0.29	0	0	0	0	0	0
11/29/2023 10:01	40101 HUNT_T2	455	477	22	1.38	1.3	-0.08	-0.64	-0.54	0	0	0	0	0	0
11/29/2023 10:01	23401 HONE_T2	0	0	0	0	0	0	-0.08	-0.09	0	0	0	0	0	0
11/29/2023 10:02	65901 SAKR_T2	1	1	0	8.8	9.2	0.4	-1.08	-1.05	1	1	0	900	900	0
11/29/2023 10:03	66503 SMAN_T2	111	23	-88	0.16	0.14	-0.02	0	0	0	0	0	0	0	0
11/29/2023 10:05	67203 TEHI_T1	28	29	1	0.37	0.36	-0.01	0	0	0	0	0	0	0	0
11/29/2023 10:07	57401 SPAN_T1	0	2	2	0	0.3	0.3	-0.86	-0.84	1	1	0	600	600	0
11/29/2023 10:08	57403 SPAN_T1	0	5	5	0	0.16	0.16	0	0	0	0	0	0	0	0
11/29/2023 10:08	45902 AUBU_T1	0	0	0	0	0	0	-0.24	-0.25	1	1	0	600	600	0
11/29/2023 10:08	14403 SSLA_T1	0	0	0	0	0	0	1.1	1.14	0	0	0	0	0	0
11/29/2023 10:08	67203 TEHI_T1	28	29	1	0.37	0.36	-0.01	2.74	2.8	2	2	0	1200	1200	0
11/29/2023 10:09	62604 ENGL_T1	0	0	0	0	0	0	-1.11	-1.14	3	3	0	1800	1800	0
11/29/2023 10:09	64101 REFR_T1	0	1	1	0	0	0.02	0.05	0	0	0	0	0	0	0
11/29/2023 10:09	45501 DERR_T2	2	5	3	0.3	0.4	0.1	0	0	0	0	0	0	0	0
11/29/2023 10:09	53502 EVIL_T2	1	2	1	0.2	0	-0.2	0	0	0	0	0	0	0	0
11/29/2023 10:10	62604 ENGL_T1	0	0	0	0	0	0	-0.37	-0.38	1	1	0	600	600	0
11/29/2023 10:10	42701 AUGU_T1	1	0	-1	0.2	0	-0.2	0	0	4	4	0	3600	3600	0
11/29/2023 10:11	53501 EVIL_T2	1	8	7	0.3	0.28	-0.02	-0.99	-1.03	2	2	0	1200	1200	0
11/29/2023 10:11	27101 GFLD_T2	0	1	1	0	0.4	0.4	-0.14	-0.18	1	1	0	600	600	0
11/29/2023 10:11	45902 AUBU_T1	0	0	0	0	0	0	-0.25	-0.2	1	1	0	600	600	0
11/29/2023 10:12	40101 HUNT_T2	455	477	22	1.38	1.3	-0.08	-0.27	-0.26	0	0	0	0	0	0
11/29/2023 10:12	57403 SPAN_T1	0	5	5	0	0.16	0.16	0	0	0	0	0	0	0	0
11/29/2023 10:12	53501 EVIL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/29/2023 10:12	45501 DERR_T2	2	5	3	0.3	0.4	0.1	1.07	1.05	2	2	0	1800	1800	0
11/29/2023 10:13	53903 HALI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/29/2023 10:15	53802 MBRG_T2	0	0	0	0	0	0	0.91	0.9	0	0	0	0	0	0
11/29/2023 10:16	40101 HUNT_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/29/2023 10:16	55002 NEWP_T1	4	5	1	0.3	0.88	0.58	-0.15	-0.14	0	0	0	0	0	0
11/29/2023 10:17	55001 NEWP_T1	0	0	0	0	0	0	-0.52	-0.55	1	1	0	600	600	0
11/29/2023 10:17	53803 MBRG_T2	0	1	1	0	0.2	0.2	0	0	0	0	0	0	0	0
11/29/2023 10:17	52502 PROG_T2	0	0	0	0	0	0	-0.42	-0.43	1	1	0	900	900	0
11/29/2023 10:18	43202 MVIL_T2	1	1	0	0.4	0	-0.4	0	0	0	0	0	0	0	0
11/29/2023 10:19	55002 NEWP_T1	4	5	1	0.3	0.88	0.58	0	0	0	0	0	0	0	0
11/29/2023 10:20	43304 WATS_T2	0	1	1	0	0	0	-0.59	-0.62	1	1	0	600	600	0
11/29/2023 10:20	57403 SPAN_T1	1	7	6	0.1	0.27	0.17	0	0	0	0	0	0	0	0
11/29/2023 10:20	65902 SAKR_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/29/2023 10:21	57403 SPAN_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/29/2023 10:21	56504 ROCK_T2	0	1	1	0	0	0	0	0	0	0	0	0	0	0
11/29/2023 10:22	43304 WATS_T2	0	1	1	0	0	0	-0.59	-0.62	1	1	0	600	600	0
11/29/2023 10:22	56802 BENV_T2	2	13	11	0.3	0.23	-0.07	-1.23	-1.2	0	0	0	0	0	0
11/29/2023 10:22	45902 AUBU_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/29/2023 10:23	45902 AUBU_T1	4	4	0	0	0	0	-0.25	-0.2	1	1	0	600	600	0
11/29/2023 10:23	43304 WATS_T2	0	1	1	0	0	0	-1.78	-1.87	3	3	0	1800	1800	0
11/29/2023 10:24	59101 WALK_T2	1	1	0	0	0	0	1.7	1.7	0	0	0	0	0	0
11/29/2023 10:24	43304 WATS_T2	0	1	1	0	0	0	-0.59	-0.62	1	1	0	600	600	0
11/29/2023 10:24	56802 BENV_T2	2	13	11	0.3	0.23	-0.07	-1.23	-1.2	0	0	0	0	0	0
11/29/2023 10:25	17804 GILB_T2	0	0	0	0	0	0	-0.52	-0.51	0	0	0	0	0	0
11/29/2023 10:25	54504 ENOL_T2	0	0	0	0	0	0	-0.99	-1	1	1	0	600	600	0
11/29/2023 10:25	53903 HALI_T2	2	3	1	0.9	0.83	-0.07	-0.07	-0.07	0	0	0	0	0	0
11/29/2023 10:25	20801 LOPO_T1	0	1	1	0	0	0	0.21	0.21	0	0	0	0	0	0
11/29/2023 10:26	46204 DANV_T2	3	7	4	0.13	0.15	0.02	0	0	0	0	0	0	0	0
11/29/2023 10:26	54502 ENOL_T2	0	0	0	0	0	0	-1.98	-1.99	1	1	0	600	600	0
11/29/2023 10:26	56802 BENV_T2	2	13	11	0.3	0.23	-0.07	-1.2	-1.28	0	0	0	0	0	0
11/29/2023 10:27	54502 ENOL_T2	0	0	0	0	0	0	-1.98	-1.99	1	1	0	600	600	0
11/29/2023 10:29	54502 ENOL_T2	0	0	0	0	0	0	-1.98	-1.99	1	1	0	600	600	0
11/29/2023 10:29	54505 ENOL_T2	1	1	0	0.5	0.9	0.4	0	0	0	0	0	0	0	0
11/29/2023 10:29	46901 MNTG_T2	0	0	0	0	0	0	1.58	1.5	0	0	0	0	0	0
11/29/2023 10:29	17805 GILB_T2	0	1	1	0	0	0	0.31	0.3	0	0	0	0	0	0
11/29/2023 10:29	52401 GRPA_T2	2	2	0	0.4	0.8	0.4	0	0	0	0	0	0	0	0
11/29/2023 10:29	54505 ENOL_T2	1	1	0	0.5	0.9	0.4	0	0	0	0	0	0	0	0
11/29/2023 10:30	17805 GILB_T2	0	1	1	0	0	0	0.31	0.3	0	0	0	0	0	0
11/29/2023 10:32	55002 NEWP_T1	4	5	1	0.8	0.86	0.06	-0.14	-0.13	0	0	0	0	0	0
11/29/2023 10:32	55002 NEWP_T1	4	5	1	0.8	0.86	0.06	-0.28	-0.26	0	0	0	0	0	0
11/29/2023 10:33	40602 PIGR_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/29/2023 10:34	58302 NOTT_T1	0	0	0	0	0	0	-0.46	-0.39	1	1	0	1200	1200	0
11/29/2023 10:34	57401 SPAN_T1	2	2	0	0.3	0.45	0.15	-0.85	-0.61	1	1	0	600	600	0
11/29/2023 10:35	16402 MOPO_T1	2	5	3	2.55	0	-2.55	-0.11	-0.17	0	0	0	0	0	0
11/29/2023 10:35	12202 FOGE_T2	0	4	4	0	0.15	0.15	0	0	1	1	0	600	600	0
11/29/2023 10:35	67002 STHI_T2	33	55	22	0.15	0.21	0.06	1.48	1.44	0	0	0	0	0	0
11/29/2023 10:35	55002 NEWP_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/29/2023 10:35	40602 PIGR_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/29/2023 10:36	43302 WATS_T2	0	1	1	0	0.1	0.1	0	0	0	0	0	0	0	0
11/29/2023 10:36	67002 STHI_T2	33	55	22	0.15	0.21	0.06	1.48	1.44	0	0	0	0	0	0
11/29/2023 10:36	55002 NEWP_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/29/2023 10:37	43302 WATS_T2	0	1	1	0	0.1	0.1	0	0	0	0	0	0	0	0
11/29/2023 10:37	55105 WERT_T1	0	10	10	0	0.11	0.11	0	0	0	0	0	0	0	0
11/29/2023 10:37	67002 STHI_T2	33	55	22	0.15	0.21	0.06	0.74	0.72	0	0	0	0	0	0
11/29/2023 10:37	16302 ALPA_T2	0	1	1	0	0.3	0.3	-0.44	-0.47	0	0	0	0	0	0
11/29/2023 10:37	54206 PENN_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/29/2023 10:38	43301 WATS_T2	0	0	0	0	0	0	-1.05	-1.01	2	2	0	1800	1800	0
11/29/2023 10:38	67001 STHI_T2	111	141	30	0.13	0.13	0	0	0	0	0	0	0	0	0
11/29/2023 10:38	10801 CHHI_T1	0	0	0	0	0	0	-1.26	-1.13	2	2	0	1500	1500	0
11/29/2023 10:39	46204 DANV_T2	4	8	4	0.25	0.4	0.15	0	0	0	0	0	0	0	0
11/29/2023 10:39	43301 WATS_T2	0	0	0	0	0	0	-0.53	-0.5	1	1	0	900	900	0
11/29/2023 10:40	43304 WATS_T2	0	1	1	0	0.3	0.3	0	0	0	0	0	0	0	0
11/29/2023 10:40	16302 ALPA_T2	0	1	1	0	0.3	0.3	-0.88	-0.94	0	0	0	0	0	0
11/29/2023 10:40	55101 WERT_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/29/2023 10:41	54502 ENOL_T2	0	0	0	0	0	0	-1.99	-1.93	1	1	0	600	600	0
11/29/2023 10:42	54501 ENOL_T2	0	0	0	0	0	0	-0.51	-0.51	1	1	0	600	600	0
11/29/2023 10:42	54505 ENOL_T2	1	1	0	0.5	0.9	0.4	0	0	0	0	0	0	0	0
11/29/2023 10:43	16302 ALPA_T2	0	1	1	0	0.3	0.3	-0.47	-0.49	0	0	0	0	0	0
11/29/2023 10:44	45702 LIND_T2	0	1	1	0	0.1	0.1	-0.24	-0.25	0	0	0	0	0	0
11/29/2023 10:44	40902 JESH_T1	0	0	0	0	0	0	-0.39	-0.32	0	0	0	0	0	0
11/29/2023 10:44	46802 HEPB_T1	1	5	4	2.3	0.65	-1.65	0	0	0	0	0	0	0	0
11/29/2023 10:46	40101 HUNT_T2	418	447	29	1.18	1.45	0.27	-0.3	-0.17	0	0	0	0	0	0
11/29/2023 10:47	54501 ENOL_T2	0	1	1	0	0	0	0	0	0	0	0	0	0	0
11/29/2023 10:47	55002 NEWP_T1	5	5	0	0.86	0.44	-0.42	-0.13	-0.15	0	0	0	0	0	0
11/29/2023 10:47	42002 MNVL_T2	1	1	0	7.2	7.1	-0.1	-0.07	-0.04	0	0	0	0	0	0
11/29/2023 10:48	40602 PIGR_T1	0	1	1	0	0.1	0.1	0	0	0	0	0	0	0	0
11/29/2023 10:49	54202 PENN_T2	0	0	0	0	0	0	0.75	0.76	0	0	0	0	0	0
11/29/2023 10:49	66701 STRA_T1	1	1	0	0.3	0.7	0.4	0	0	0	0	0	0	0	0
11/29/2023 10:49	13302 ORVI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/29/2023 10:50	13302 ORVI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/29/2023 10:51	67502 WEWI_T2	0	1	1	0	0.5	0.5	0	0	0	0	0	0	0	0
11/29/2023 10:51	45901 AUBU_T1	0	0	0	0	0	0	0.78	0.81	0	0	0	0	0	0
11/29/2023 10:52	42701 AUGU_T1	0	0	0	0	0	0	0	0	2	2	0	1800	1800	0
11/29/2023 10:52	67605 WARW_T1	2	2	0	0.4	0.35	-0.05	-1.25	-1.06	0	0	0	0	0	0
11/29/2023 10:53	60803 BUCK_T1	1	0	-1	0.1	0	-0.1	-1.28	-1.34	1	1	0	600	600	0
11/29/2023 10:53	64101 REFR_T1	0	0	0	0	0	0	0.07	0.03	0	0	0	0	0	0
11/29/2023 10:53	27502 WEIS_T2	0	0	0	0	0	0	-0.21	-0.23	0	0	0	0	0	0
11/29/2023 10:54	43001 ALWO_T1	0	1	1	0	0.5	0.5	0	0	0	0	0	0	0	0
11/29/2023 10:55	55105 WERT_T1	0	11	11	0	0.11	0.11	-0.44	-0.47	1	1	0	900	900	0
11/29/2023 10:55	60803 BUCK_T1	1	0	-1	0.1	0	-0.1	-1.28	-1.34	1	1	0	600	600	0
11/29/2023 10:55	60201 ATGL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/29/2023 10:55	46004 BERW_T2	3	2	-1	0.43	1.15	0.72	0	0	0	0	0	0	0	0
11/29/2023 10:56	29402 BELT_T1	2	5	3	4.25	2.18	-2.07	0	0	0	0	0	0	0	0
11/29/2023 10:58	53903 HALI_T2	2	2	0	0.7	0.45	-0.25	-0.1	-0.11	0	0	0	0	0	0
11/29/2023 10:58	54505 ENOL_T2	1	1	0	0.9	0.9	0	0	0	0	0	0	0	0	0
11/29/2023 10:59	29401 BELT_T1	80	102	22	0.38	0.44	0.06	0	0	1	1	0	900	900	0
11/29/2023 11:00	46802 HEPB_T1	4	9	5	0.65	0.39	-0.26	-1.11	-1.04	0	0	0	0	0	0
11/29/2023 11:00	46903 MNTG_T2	0	0	0	0	0	0	0.35	0.35	1	1	0	600	600	0
11/29/2023 11:03	57401 SPAN_T1	2	2	0	0.3	0.2	-0.1	0	0	0	0	0	0	0	0
11/29/2023 11:03	55002 NEWP_T1	4	5	1	0.5	0.36	-0.14	-0.15	-0.15	0	0	0	0	0	0
11/29/2023 11:04	40603 PIGR_T1	0	0	0	0	0	0	0.46	0.42	0	0	0	0	0	0
11/29/2023 11:04	57401 SPAN_T1	2	2	0	0.3	0.2	-0.1	0	0	0	0	0	0	0	0
11/29/2023 11:05	65001 NEFF_T2	0	0	0	0	0	0	-0.35	-0.34	1	1	0	1200	1200	0
11/29/2023 11:06	43301 WATS_T2	0	1	1	0	0	0	0	0	0	0	0	0	0	0
11/29/2023 11:06	52501 PROG_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/29/2023 11:06	59101 WALK_T2	1	2	1	0	0	0	1.92	2.12	0	0	0	0	0	0
11/29/2023 11:06	57403 SPAN_T1	7	6	-1	0.27	0.18	-0.09	0	0	0	0	0	0	0	0
11/29/2023 11:07	57403 SPAN_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/29/2023 11:07	42601 TUSC_T1	25	38	13	0.38	0.61	0.23	0.42	0.69	2	2	0	1800	1800	0
11/29/2023 11:07	56802 BENV_T2	18	13	-5	0.26	0.26	0	-1.23	-1.27	0	0	0	0	0	0
11/29/2023 11:08	16302 ALPA_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/29/2023 11:09	43301 WATS_T2	0	1	-1	0	0	0	0	0	0	0	0	0	0	0
11/29/2023 11:09	56801 BENV_T1	31	23	-8	0.91	0.92	0.01	-0.63	-0.6	1	1	0	600	600	0
11/29/2023 11:09	56802 BENV_T2	18	13	-5	0.26	0.26	0	-1.23	-1.27	0	0	0	0	0	0
11/29/2023 11:10	48901 FOSP_T2	0	0	0	0	0	0	0.01	0.05	1	1	0	600	600	0
11/29/2023 11:10	56802 BENV_T2	18	13	-5	0.26	0.26	0	-1.23	-1.27	0	0	0	0	0	0
11/29/2023 11:11	56803 BENV_T1	2	3	1	0.45	0.63	0.18	0	0	0	0	0	0	0	0
11/29/2023 11:11	56802 BENV_T2	18	13	-5	0.26	0.26	0	-1.27	-1.28	0	0	0	0	0	0
11/29/2023 11:14	52402 GRPA_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/29/2023 11:14	48901 FOSP_T2	0	0	0	0	0	0	0.05	0.03	1	1	0	600	600	0
11/29/2023 11:14	61801 EELI_T2	0	2	2	0	0.1	0.1	-0.2	-0.27	0	0	0	0	0	0
11/29/2023 11:15	63804 HEMP_T1	1	1	0	6.4	6.3	-0.1	0	0	0	0	0	0	0	0
11/29/2023 11:15	48901 FOSP_T2	0	0	0	0	0	0	0.05	0.03	1	1	0	600	600	0
11/29/2023 11:15	40101 HUNT_T2	432	424	-8	1.46	1.05	-0.41	-0.28	-0.3	0	0	0	0	0	0
11/29/2023 11:16	40101 HUNT_T2	432	424	-8	1.46	1.05	-0.41	-0.56	-0.6	0	0	0	0	0	0
11/29/2023 11:16	64801 MONE_T2	0	0	0	0	0	0	0.47	0.44	0	0	0	0	0	0
11/29/2023 11:16	52402 GRPA_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/29/2023 11:17	47403 PENS_T1	1	1	0	2.1	2	-0.1	0	0	0	0	0	0	0	0
11/29/2023 11:17	13704 SCHN_T2	1	3	2	0.2	0.13	-0.07	-0.72	-0.73	0	0	0	0	0	0
11/29/2023 11:17	12202 FOGE_T2	99	6	-93	0.27	0.15	-0.12	0	0	1	1	0	600	600	0
11/29/2023 11:17	13302 ORVI_T2	13	19	6	0.35	0.35	0	0.78	0.76	0	0	0	0	0	0
11/29/2023 11:18	47401 PENS_T1	5	1	-4	0.52	1.3	0.78	-0.36	1.86	0	0	0	0	0	0
11/29/2023 11:19	55002 NEWP_T1	5	3	-2	0.3	0.43	0.13	-0.15	-0.18	0	0	0	0	0	0
11/29/2023 11:19	67001 STHI_T2	78	104	26	0.14	0.15	0.01	0.16	0.14	0	0	0	0	0	0
11/29/2023 11:19	64802 MONE_T2	2	2	0	0.4	0.4	0	0.2	0.04	0	0	0	0	0	0
11/29/2023 11:20	67001 STHI_T2	78	104	26	0.14	0.15	0.01	0	0	0	0	0	0	0	0
11/29/2023 11:20	13302 ORVI_T2	13	19	6	0.35	0.35	0	0.78	0.76	0	0	0	0	0	0
11/29/2023 11:20	13704 SCHN_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/29/2023 11:21	13704 SCHN_T2	1	3	2	0.2	0.13	-0.07	-0.72	-0.73	0	0	0	0	0	0
11/29/2023 11:21	47401 PENS_T1	5	1	-4	0.52	1.3	0.78	-0.36	1.86	0	0	0	0	0	0
11/29/2023 11:21	66901 SHIL_T2	24	45	21	0.13	0.15	0.02	-1.49	-1.49	1	1	0	1200	1200	0
11/29/2023 11:21	55101 WERT_T1	0	0	0	0	0	0	-1.43	-1.45	2	2	0	1500	1500	0
11/29/2023 11:21	67002 STHI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/29/2023 11:22	67002 STHI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/29/2023 11:22	60101 COCA_T1	2	5	3	0.25	0.22	-0.03	0.52	0.53	0	0	0	0	0	0
11/29/2023 11:22	45902 AUBU_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/29/2023 11:22	13704 SCHN_T2	1	3	2	0.2	0.13	-0.07	-0.72	-0.73	0	0	0	0	0	0
11/29/2023 11:23	67001 STHI_T2	78	104	26	0.14	0.15	0.01	0	0	0	0	0	0	0	0
11/29/2023 11:23	59202 THOM_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/29/2023 11:24	67502 WEWI_T2	1	1	0	0.5	0.8	0.3	-0.06	-0.04	0	0	0	0	0	0
11/29/2023 11:24	45402 WILO_T2	1	0	-1	1.4	0	-1.4	0	0	0	0	0	0	0	0
11/29/2023 11:25	67502 WEWI_T2	1	1	0	0.5	0.8	0.3	-0.06	-0.04	0	0	0	0	0	0
11/29/2023 11:26	60101 COCA_T1	2	5	3	0.25	0.22	-0.03	0.53	0.53	0	0	0	0	0	0
11/29/2023 11:30	52402 GRPA_T2	4	4	0	1.15	1.55	0.4	0	0	0	0	0	0	0	0
11/29/2023 11:32	65003 N

11/29/2023 12:00	45802 HEGI_T2	0	0	0	0	0	0	0.38	0.87	0	0	0	0	0	0
11/29/2023 12:01	45802 HEGI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/29/2023 12:03	13901 SEID_T1	0	0	0	0	0	0	0.25	0.26	0	0	0	0	0	0
11/29/2023 12:03	39601 LNFD_T1	15	11	-4	0.34	0.67	0.33	0	0	0	0	0	0	0	0
11/29/2023 12:05	49803 UNIV_T1	0	0	0	0	0	0	-0.94	-0.9	0	0	0	0	0	0
11/29/2023 12:06	54202 PENN_T2	0	1	1	0	0	0	0.74	0.7	0	0	0	0	0	0
11/29/2023 12:07	16302 ALPA_T2	0	0	0	0	0	0	-0.58	-0.54	0	0	0	0	0	0
11/29/2023 12:08	44301 BEAV_T2	0	0	0	0	0	0	0.18	-0.58	2	2	0	1500	1500	0
11/29/2023 12:09	16302 ALPA_T2	0	0	0	0	0	0	-0.58	-0.54	0	0	0	0	0	0
11/29/2023 12:09	67605 WARW_T1	2	5	3	0.5	0.26	-0.24	-1.33	-1.29	0	0	0	0	0	0
11/29/2023 12:10	60101 COCA_T1	2	0	-2	0.3	0	-0.3	0.52	0.45	0	0	0	0	0	0
11/29/2023 12:13	64201 KINZ_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/29/2023 12:14	50506 MECH_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/29/2023 12:16	64201 KINZ_T1	0	0	0	0	0	0	-0.45	-0.49	4	4	0	2100	2100	0
11/29/2023 12:17	50506 MECH_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/29/2023 12:18	50506 MECH_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/29/2023 12:19	67204 TEHI_T2	1	1	0	0.1	0.2	0.1	0	0	0	0	0	0	0	0
11/29/2023 12:19	50506 MECH_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/29/2023 12:20	42201 SHEN_T2	0	0	0	0	0	0	0.17	0.18	1	1	0	600	600	0
11/29/2023 12:20	64802 MONE_T2	2	3	1	0.4	0.33	-0.07	0.1	0.08	0	0	0	0	0	0
11/29/2023 12:21	67204 TEHI_T2	1	1	0	0.1	0.2	0.1	0	0	0	0	0	0	0	0
11/29/2023 12:23	42201 SHEN_T2	0	0	0	0	0	0	0.17	0.18	1	1	0	600	600	0
11/29/2023 12:28	14801 TREI_T2	3	3	0	0.23	0.37	0.14	0.47	0.47	0	0	0	0	0	0
11/29/2023 12:32	56501 ROCK_T2	1	3	2	0.4	0.9	0.5	-0.72	-0.74	0	0	0	0	0	0
11/29/2023 12:33	56501 ROCK_T2	1	3	2	0.4	0.9	0.5	-0.72	-0.74	0	0	0	0	0	0
11/29/2023 12:34	56501 ROCK_T2	1	3	2	0.4	0.9	0.5	-0.72	-0.74	0	0	0	0	0	0
11/29/2023 12:37	56501 ROCK_T2	1	3	2	0.4	0.9	0.5	-0.72	-0.74	0	0	0	0	0	0
11/29/2023 12:37	65003 NEFF_T2	1	2	1	0.3	0.2	-0.1	0	0	0	0	0	0	0	0
11/29/2023 12:44	59003 MIFF_T1	0	0	0	0	0	0	-1.24	-0.93	0	0	0	0	0	0
11/29/2023 12:46	64702 LITI_T2	0	0	0	0	0	0	-0.71	-0.8	0	0	0	0	0	0
11/29/2023 12:48	59003 MIFF_T1	0	0	0	0	0	0	-1.24	-0.93	0	0	0	0	0	0
11/29/2023 12:52	20403 ASHF_T2	3	2	-1	0.2	0.25	0.05	0	0	0	0	0	0	0	0
11/29/2023 12:52	20403 ASHF_T2	3	1	-2	0.2	0.1	-0.1	0.46	0.44	0	0	0	0	0	0
11/29/2023 12:53	49803 UNIV_T1	0	0	0	0	0	0	-0.96	-0.98	0	0	0	0	0	0
11/29/2023 12:54	20403 ASHF_T2	3	1	-2	0.2	0.1	-0.1	0.46	0.44	0	0	0	0	0	0
11/29/2023 12:55	20402 ASHF_T2	3	2	-1	0.2	0.25	0.05	0	0	0	0	0	0	0	0
11/29/2023 13:01	43201 MVIL_T2	0	1	1	0	0	0	-1.26	-1.24	0	0	0	0	0	0
11/29/2023 13:01	43202 MVIL_T2	0	0	0	0	0	0	-0.52	-0.52	0	0	0	0	0	0
11/29/2023 13:01	64201 KINZ_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/29/2023 13:05	64101 REFR_T1	0	0	0	0	0	0	0	0.01	0	0	0	0	0	0
11/29/2023 13:22	65001 NEFF_T2	0	0	0	0	0	0	-0.45	-0.47	1	1	0	1200	1200	0
11/29/2023 13:24	62604 ENGL_T1	0	0	0	0	0	0	-0.43	-0.39	1	1	0	600	600	0
11/29/2023 13:25	10705 CATA_T2	0	1	1	0	0.3	0.3	-2.23	-2.27	1	1	0	900	900	0
11/29/2023 13:39	62604 ENGL_T1	0	0	0	0	0	0	-0.39	-0.45	1	1	0	600	600	0
11/29/2023 13:42	62604 ENGL_T1	0	0	0	0	0	0	-0.45	-0.37	1	1	0	600	600	0
11/29/2023 13:48	64702 LITI_T2	0	0	0	0	0	0	-0.67	-0.73	0	0	0	0	0	0
11/29/2023 13:49	64702 LITI_T2	0	0	0	0	0	0	-0.67	-0.73	0	0	0	0	0	0
11/29/2023 13:56	48901 FOSP_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/29/2023 14:03	13704 SCHN_T2	0	0	0	0	0	0	-0.17	-0.19	0	0	0	0	0	0
11/29/2023 14:04	43201 MVIL_T2	0	1	-1	0	0	0	-1.26	-1.27	0	0	0	0	0	0
11/29/2023 14:04	43202 MVIL_T2	0	0	0	0	0	0	-0.55	-0.55	0	0	0	0	0	0
11/29/2023 14:05	67503 WEWI_T2	0	0	0	0	0	0	-0.17	-0.16	0	0	0	0	0	0
11/29/2023 14:05	67502 WEWI_T2	2	0	-2	0.5	0	-0.5	-0.17	-0.17	0	0	0	0	0	0
11/29/2023 14:07	16302 ALPA_T2	3	1	-2	0.27	0.3	0.03	-0.64	-0.56	0	0	0	0	0	0
11/29/2023 14:08	67502 WEWI_T2	2	0	-2	0.5	0	-0.5	-0.17	-0.17	0	0	0	0	0	0
11/29/2023 14:09	67502 WEWI_T2	2	0	-2	0.5	0	-0.5	-0.17	-0.17	0	0	0	0	0	0
11/29/2023 14:10	67502 WEWI_T2	2	0	-2	0.5	0	-0.5	-0.17	-0.17	0	0	0	0	0	0
11/29/2023 14:10	16302 ALPA_T2	3	1	-2	0.27	0.3	0.03	-0.64	-0.56	0	0	0	0	0	0
11/29/2023 14:10	13704 SCHN_T2	0	0	0	0	0	0	-0.17	-0.19	0	0	0	0	0	0
11/29/2023 14:12	46802 HEPB_T1	1	0	-1	2.2	2.1	-0.1	0	0	0	0	0	0	0	0
11/29/2023 14:14	64702 LITI_T2	0	0	0	0	0	0	-0.67	-0.71	0	0	0	0	0	0
11/29/2023 14:14	46802 HEPB_T1	1	1	0	2.2	2.1	-0.1	-1.08	-1.08	0	0	0	0	0	0
11/29/2023 14:17	55002 NEWP_T1	3	4	1	0.37	0.25	-0.12	-0.18	-0.19	0	0	0	0	0	0
11/29/2023 14:17	47401 PENS_T1	0	0	0	0	0	0	0.92	0.86	0	0	0	0	0	0
11/29/2023 14:17	12701 MACU_T1	0	0	0	0	0	0	0.32	0.32	0	0	0	0	0	0
11/29/2023 14:18	55001 NEWP_T1	0	0	0	0	0	0	-0.57	-0.59	1	1	0	600	600	0
11/29/2023 14:18	16402 MOPO_T1	2	2	0	0.65	0	-0.65	0.84	0.8	0	0	0	0	0	0
11/29/2023 14:18	55002 NEWP_T1	3	4	1	0.37	0.25	-0.12	-0.36	-0.38	0	0	0	0	0	0
11/29/2023 14:19	43201 MVIL_T2	1	0	-1	0.6	0	-0.6	0	0	0	0	0	0	0	0
11/29/2023 14:19	55001 NEWP_T1	0	0	0	0	0	0	-0.57	-0.59	1	1	0	600	600	0
11/29/2023 14:19	47401 PENS_T1	0	0	0	0	0	0	0.92	0.86	0	0	0	0	0	0
11/29/2023 14:20	43201 MVIL_T2	1	0	-1	0.6	0	-0.6	-1.27	-1.29	0	0	0	0	0	0
11/29/2023 14:20	47401 PENS_T1	0	0	0	0	0	0	1.84	1.72	0	0	0	0	0	0
11/29/2023 14:21	52502 PROG_T2	0	0	0	0	0	0	-0.5	-0.48	1	1	0	900	900	0
11/29/2023 14:21	55002 NEWP_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/29/2023 14:21	47403 PENS_T1	1	1	0	1.3	2	0.7	0	0	0	0	0	0	0	0
11/29/2023 14:21	67503 WEWI_T2	0	0	0	0	0	0	-0.16	-0.15	0	0	0	0	0	0
11/29/2023 14:22	16301 ALPA_T1	2	2	0	0.3	0.25	-0.05	-0.3	-0.29	0	0	0	0	0	0
11/29/2023 14:23	16301 ALPA_T1	2	2	0	0.3	0.25	-0.05	-0.3	-0.29	0	0	0	0	0	0
11/29/2023 14:23	16302 ALPA_T2	1	1	0	0.3	0.1	-0.2	-0.56	-0.58	0	0	0	0	0	0
11/29/2023 14:24	43001 ALWD_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/29/2023 14:24	16301 ALPA_T1	2	2	0	0.3	0.25	-0.05	-0.6	-0.58	0	0	0	0	0	0
11/29/2023 14:25	43001 ALWD_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/29/2023 14:29	12701 MACU_T1	0	0	0	0	0	0	0.16	0.1	0	0	0	0	0	0
11/29/2023 14:29	64203 KINZ_T1	2	0	-2	0.8	0	-0.8	0.31	0.21	2	2	0	1800	1800	0
11/29/2023 14:30	54505 ENOL_T2	1	1	0	0.7	0.8	0.1	0	0	0	0	0	0	0	0
11/29/2023 14:30	50501 MEOH_T1	4	4	0	1.2	1.13	-0.07	0	0	0	0	0	0	0	0
11/29/2023 14:30	46801 HEPB_T2	0	0	0	0	0	0	0.65	0.63	0	0	0	0	0	0
11/29/2023 14:31	12701 MACU_T1	0	0	0	0	0	0	0.16	0.1	0	0	0	0	0	0
11/29/2023 14:32	12701 MACU_T1	0	0	0	0	0	0	0.16	0.1	0	0	0	0	0	0
11/29/2023 14:33	44601 SALE_T2	0	0	0	0	0	0	0.59	0.84	2	1	-1	900	600	-300
11/29/2023 14:33	55002 NEWP_T1	3	4	1	0.27	0.2	-0.07	-0.19	-0.2	0	0	0	0	0	0
11/29/2023 14:33	12701 MACU_T1	0	0	0	0	0	0	0.16	0.1	0	0	0	0	0	0
11/29/2023 14:34	55002 NEWP_T1	3	4	1	0.27	0.2	-0.07	-0.19	-0.2	0	0	0	0	0	0
11/29/2023 14:35	43001 ALWD_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/29/2023 14:35	43202 MVIL_T2	0	0	0	0	0	0	-0.58	-0.56	0	0	0	0	0	0
11/29/2023 14:37	44601 SALE_T2	0	0	0	0	0	0	0.59	0.84	2	1	-1	900	600	-300
11/29/2023 14:37	67503 WEWI_T2	0	0	0	0	0	0	-0.15	-0.15	0	0	0	0	0	0
11/29/2023 14:39	16302 ALPA_T2	0	1	1	0	0.1	0.1	-0.58	-0.67	0	0	0	0	0	0
11/29/2023 14:39	67201 TEHI_T1	0	0	0	0	0	0	0.02	0.13	2	1	-1	1500	900	-600
11/29/2023 14:40	29402 BELT_T1	4	1	-3	2.35	8.2	5.85	0	0	0	0	0	0	0	0
11/29/2023 14:40	43001 ALWD_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/29/2023 14:46	54505 ENOL_T2	1	1	0	0.8	0.7	-0.1	0	0	0	0	0	0	0	0
11/29/2023 14:49	55002 NEWP_T1	3	4	1	0.2	0.3	0.1	-0.2	-0.19	0	0	0	0	0	0
11/29/2023 14:50	55002 NEWP_T1	3	4	1	0.2	0.3	0.1	-0.2	-0.19	0	0	0	0	0	0
11/29/2023 14:50	41902 REED_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/29/2023 14:51	59101 WALK_T2	1	1	0	0	0	0	1.81	1.88	1	1	0	600	600	0
11/29/2023 14:52	59101 WALK_T2	1	1	0	0	0	0	1.81	1.88	1	1	0	600	600	0
11/29/2023 14:52	41902 REED_T1	4	7	3	1.13	0.68	-0.45	1.26	1.17	0	0	0	0	0	0
11/29/2023 14:54	59101 WALK_T2	1	1	0	0	0	0	1.81	1.88	1	1	0	600	600	0
11/29/2023 14:58	12701 MACU_T1	0	0	0	0	0	0	0.13	0.16	0	0	0	0	0	0
11/29/2023 15:01	12701 MACU_T1	0	0	0	0	0	0	0.13	0.16	0	0	0	0	0	0
11/29/2023 15:01	46801 HEPB_T2	0	0	0	0	0	0	0.67	0.66	0	0	0	0	0	0
11/29/2023 15:02	12701 MACU_T1	0	0	0	0	0	0	0.13	0.16	0	0	0	0	0	0
11/29/2023 15:03	42201 SHEN_T2	0	0	0	0	0	0	0.19	0.26	1	1	0	600	600	0
11/29/2023 15:04	55002 NEWP_T1	2	4	2	1.05	0.3	-0.75	-0.19	-0.17	0	0	0	0	0	0
11/29/2023 15:07	13904 SEID_T1	0	12	12	0	0.13	0.13	0	0	0	0	0	0	0	0
11/29/2023 15:11	52402 GRPA_T2	1	3	2	3.1	1.37	-1.73	0	0	0	0	0	0	0	0
11/29/2023 15:12	46802 HEPB_T1	6	42	36	0.48	0.22	-0.26	-1.13	-1.11	0	0	0	0	0	0
11/29/2023 15:16	46802 HEPB_T1	2	42	40	1.2	0.22	-0.98	0	0	0	0	0	0	0	0
11/29/2023 15:19	64101 REFR_T1	0	0	0	0	0	0	0.01	0.02	0	0	0	0	0	0
11/29/2023 15:26	45902 AUBU_T1	0	0	0	0	0	0	-1.29	-1.39	2	2	0	1200	1200	0
11/29/2023 15:30	58401 MORO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/29/2023 15:33	58401 MORO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/29/2023 15:47	55001 NEWP_T1	1	0	-1	2.3	0	-2.3	0	0	0	0	0	0	0	0
11/29/2023 15:47	48302 ORWI_T2	2	7	5	0.9	0.6	-0.3	0.22	0.23	0	0	0	0	0	0
11/29/2023 15:48	55001 NEWP_T1	1	0	-1	2.3	0	-2.3	-0.92	-1.06	2	2	0	1200	1200	0
11/29/2023 15:49	54001 SDLE_T1	5	4	-1	1.08	1.2	0.12	0	0	0	0	0	0	0	0
11/29/2023 16:03	65001 NEFF_T2	0	0	0	0	0	0	-0.62	-0.65	1	1	0	1200	1200	0
11/29/2023 16:03	46903 MNTG_T2	0	0	0	0	0	0	-0.17	-0.2	1	1	0	600	600	0
11/29/2023 16:06	65602 QVIL_T2	8	28	20	0.23	0.28	0.05	0	0	0	0	0	0	0	0
11/29/2023 16:11	11104 EGYP_T1	0	0	0	0	0	0	0.9	0.96	0	0	0	0	0	0
11/29/2023 16:18	55001 NEWP_T1	0	1	1	0	0	0	0	0	0	0	0	0	0	0
11/29/2023 16:19	59003 MIFF_T1	0	0	0	0	0	0	-0.61	-0.73	0	0	0	0	0	0
11/29/2023 16:22	42701 AUGU_T1	0	3	3	0	0.2	0.2	0	0	2	2	0	1800	1800	0
11/29/2023 16:23	42701 AUGU_T1	0	3	3	0	0.2	0.2	0	0	4	4	0	3600	3600	0
11/29/2023 16:25	42701 AUGU_T1	0	3	3	0	0.2	0.2	0	0	0	0	0	0	0	0
11/29/2023 16:26	42701 AUGU_T1	0	3	3	0	0.2	0.2	0	0	0	0	0	0	0	0
11/29/2023 16:27	42701 AUGU_T1	0	3	3	0	0.2	0.2	0	0	0	0	0	0	0	0
11/29/2023 16:31	42701 AUGU_T1	1	6	5	0.2	0.3	0.1	0	0	0	0	0	0	0	0
11/29/2023 16:32	58402 MORO_T1	0	0	0	0	0	0	-0.73	-0.79	2	3	1	1500	2400	900
11/29/2023 16:37	14403 SSLA_T1	0	0	0	0	0	0	1.07	1.15	0	0	0	0	0	0
11/29/2023 16:38	14403 SSLA_T1	0	0	0	0	0	0	1.07	1.15	0	0	0	0	0	0
11/29/2023 16:42	54505 ENOL_T2	1	1	0	0.2	0.5	0.3	0	0	0	0	0	0	0	0
11/29/2023 16:43	10801 CHHI_T1	1	3	2	0.5	0.3	-0.2	-1.35	-1.29	2	2	0	1500	1500	0
11/29/2023 16:49	55001 NEWP_T1	0	6	6	0	1.2	1.2	0	0	0	0	0	0	0	0
11/29/2023 16:52	12202 FOGE_T2	0	0	0	0	0	0	0	0	1	1	0	600	600	0
11/29/2023 18:23	41801 GOCI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/29/2023 18:25	67001 STHI_T2	1	1	0	0.4	0.5	0.1	0	0	0	0	0	0	0	0
11/29/2023 18:25	64204 KINZ_T1	1	1	0	0.6	1.2	0.6	0	0	0	0	0	0	0	0
11/29/2023 18:26	67001 STHI_T2	1	1	0	0.4	0.5	0.1	0	0	0	0	0	0	0	0
11/29/2023 18:26	64702 LITI_T2	0	0	0	0	0	0	-0.75	-0.64	0	0	0	0	0	0
11/29/2023 18:26	40101 HUNT_T2	182	273	91	0.68	0.64	-0.04	-1.16	-1.19	1	1	0	300	300	0
11/29/2023 18:27	40101 HUNT_T2	182	273	91	0.68	0.64	-0.04	-1.16	-1.19	1	1	0	300	300	0
11/29/2023 18:27	64702 LITI_T2	0	0	0	0	0	0	-0.75	-0.64	0	0	0	0	0	0
11/29/2023 18:28	10701 CATA_T2	1	0	-1	1.3	0	-1.3	0	0	0	0	0	0	0	0
11/29/2023 18:29	40101 HUNT_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/29/2023 18:29	47401 PENS_T1	3	0	-3	0.13	0	-0.13	-0.32	-0.27	0	0	0	0	0	0
11/29/2023 18:29	45801 HEGI_T1	0	0	0	0	0	0	-0.14	-0.13	1	1	0	900	900	0
11/29/2023 18:29	49803 UNIV_T1	0	0	0	0	0	0	-0.94	-0.97	0	0	0	0	0	0
11/29/2023 18:30	40603 PIGR_T1	0	0	0	0	0	0	0.42	0.41	0	0	0	0	0	0
11/29/2023 18:30	29402 BELT_T1	5	6	1	2.12	2.6	0.48	0	0	0	0	0	0	0	0
11/29/2023 18:30	46206 DANV_T2	2	6	4	0.4	0.22	-0.18	0	0	0	0	0	0	0	0
11/29/2023 18:31	67605 WARW_T1	0	0	0	0	0	0	-0.98	-1.01	0	0	0	0	0	0
11/29/2023 18:31	13302 ORVI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/29/2023 18:31	29402 BELT_T1	5	6	1	2.12	2.6	0.48	0	0	0	0	0	0	0	0
11/29/2023 18:32	62604 ENGL_T1	0	0	0	0	0	0	-0.44	-0.4	1	1	0	600	600	0
11/29/2023 18:32	64101 REFR_T1	0	0	0	0	0	0	0.09	0.08	0	0	0	0	0	0
11/29/2023 18:32	46206 DANV_T2	2	6	4	0.4	0.22	-0.18	0	0	0	0	0	0	0	0
11/29/2023 18:32	29402 BELT_T1	5	6	1	2.12	2.6	0.48	0	0	0	0	0	0	0	0
11/29/2023 18:32	40602 PIGR_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/29/2023 18:32	13902 SEID_T1	2	0	-2	0.4	0	-0.4	0	0	0	0	0	0	0	0
11/29/2023 18:32	41801 GOCI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/29/2023 18:33	67204 TEHI_T2	0	0	0	0	0	0	-0.09	-0.1	0	0	0	0	0	0
11/29/2023 18:33	41902 REED_T1	80	70	-10	0.65	0.61	-0.04	1.29	1.33	0	0	0	0	0	0
11/29/2023 18:33	67503 WEWI_T2	0	0	0	0	0	0	-0.02	0.03	0	0	0	0	0	0
11/29/2023 18:33	45901 AUBU_T1	0	0	0	0	0	0	1.79	1.75	0	0	0	0	0	0
11/29/2023 18:33	29401 BELT_T1	4	22	18	0.15	0.15	0	0	0	0	0	0	0	0	0
11/29/2023 18:33	42701 AUGU_T1	0	4	4	0	0.1	0.1	0	0	2	2	0	1

11/29/2023 18:39	17805 GILB_T2	0	0	0	0	0	0	-0.6	-0.63	0	0	0	0	0	0
11/29/2023 18:39	40101 HUNT_T2	265	255	-10	0.67	0.6	-0.07	-1.16	-1.19	1	1	0	300	300	0
11/29/2023 18:39	46206 DANV_T2	2	6	4	0.4	0.22	-0.18	0	0	0	0	0	0	0	0
11/29/2023 18:39	64203 KINZ_T1	0	1	1	0	0	0	0	0	0	0	0	0	0	0
11/29/2023 18:39	45802 HEGI_T2	0	1	1	0	0	0	0.41	0.61	0	0	0	0	0	0
11/29/2023 18:39	42701 AUGU_T1	0	4	4	0	0.1	0.1	0	0	4	4	0	3600	3600	0
11/29/2023 18:39	64101 REFR_T1	0	0	0	0	0	0	0.18	0.16	0	0	0	0	0	0
11/29/2023 18:39	56802 BENV_T2	0	0	0	0	0	0	-1.14	-1.2	0	0	0	0	0	0
11/29/2023 18:40	27503 WEIS_T2	0	1	1	0	0	0	0	0	0	0	0	0	0	0
11/29/2023 18:40	43301 WATS_T2	0	1	1	0	0	0	0	0	0	0	0	0	0	0
11/29/2023 18:40	65902 SAKR_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/29/2023 18:40	12701 MACU_T1	0	0	0	0	0	0	-0.97	-0.98	1	1	0	1200	1200	0
11/29/2023 18:40	67502 WEWI_T2	0	0	0	0	0	0	-1.28	-1.27	1	1	0	900	900	0
11/29/2023 18:40	41901 REED_T1	7	4	-3	0.5	0.58	0.08	0	0	0	0	0	0	0	0
11/29/2023 18:40	42701 AUGU_T1	0	4	4	0	0.1	0.1	0	0	2	2	0	1800	1800	0
11/29/2023 18:40	60803 BUCK_T1	0	0	0	0	0	0	-1.29	-1.31	1	1	0	600	600	0
11/29/2023 18:41	64101 REFR_T1	0	0	0	0	0	0	0.08	0.08	0	0	0	0	0	0
11/29/2023 18:41	42701 AUGU_T1	0	4	4	0	0.1	0.1	0	0	0	0	0	0	0	0
11/29/2023 18:41	43001 ALWD_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/29/2023 18:41	43301 WATS_T2	0	1	1	0	0	0	-0.51	-0.51	1	1	0	900	900	0
11/29/2023 18:41	42201 SHEN_T2	0	0	0	0	0	0	0.17	0.18	1	1	0	600	600	0
11/29/2023 18:41	41901 REED_T1	7	4	-3	0.5	0.58	0.08	0	0	0	0	0	0	0	0
11/29/2023 18:41	43304 WATS_T2	9	10	1	0.54	0.58	0.04	-0.07	-0.09	0	0	0	0	0	0
11/29/2023 18:41	29402 BELT_T1	5	6	1	2.12	2.6	0.48	0	0	0	0	0	0	0	0
11/29/2023 18:41	53501 EVIL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/29/2023 18:41	62604 ENGL_T1	0	0	0	0	0	0	-0.4	-0.39	1	1	0	600	600	0
11/29/2023 18:41	55101 WERT_T1	0	0	0	0	0	0	-1.68	-1.7	2	2	0	1500	1500	0
11/29/2023 18:41	40101 HUNT_T2	265	255	-10	0.67	0.6	-0.07	-1.19	-1.19	1	1	0	300	300	0
11/29/2023 18:42	47403 PENS_T1	0	1	1	0	2.8	2.8	0	0	0	0	0	0	0	0
11/29/2023 18:42	56802 BENV_T2	0	0	0	0	0	0	-1.2	-1.15	0	0	0	0	0	0
11/29/2023 18:42	43202 MVIL_T2	0	1	1	0	0	0	0	0	0	0	0	0	0	0
11/29/2023 18:42	43304 WATS_T2	9	10	1	0.54	0.58	0.04	-0.07	-0.09	0	0	0	0	0	0
11/29/2023 18:42	57403 SPAN_T1	3	9	6	0.1	0.3	0.2	0	0	0	0	0	0	0	0
11/29/2023 18:42	43401 BENT_T1	3	0	-3	0.47	0	-0.47	0	0	0	0	0	0	0	0
11/29/2023 18:42	44301 BEAV_T2	0	4	4	0	0.15	0.15	0.15	0.09	1	1	0	600	600	0
11/29/2023 18:42	60201 ATGL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/29/2023 18:42	13704 SCHN_T2	0	0	0	0	0	0	-0.69	-0.69	0	0	0	0	0	0
11/29/2023 18:42	43301 WATS_T2	0	1	1	0	0	0	-0.51	-0.51	1	1	0	900	900	0
11/29/2023 18:42	46801 HEPB_T2	0	0	0	0	0	0	0.72	0.7	0	0	0	0	0	0
11/29/2023 18:42	45402 WBLO_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/29/2023 18:42	46004 BERW_T2	1	1	0	2.4	1.1	-1.3	0	0	0	0	0	0	0	0
11/29/2023 18:43	42002 MNVL_T2	1	1	0	8.8	8.8	0	-0.8	-0.8	0	0	0	0	0	0
11/29/2023 18:43	42201 SHEN_T2	0	0	0	0	0	0	0.17	0.18	1	1	0	600	600	0
11/29/2023 18:43	43202 MVIL_T2	0	1	1	0	0	0	-1.24	-1.18	0	0	0	0	0	0
11/29/2023 18:43	54202 PENN_T2	0	0	0	0	0	0	0.73	0.67	0	0	0	0	0	0
11/29/2023 18:43	55002 NEWP_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/29/2023 18:43	40101 HUNT_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/29/2023 18:43	54001 SDLE_T1	1	1	0	0.7	0.7	0	0	0	0	0	0	0	0	0
11/29/2023 18:43	13302 ORVI_T2	0	0	0	0	0	0	1.64	1.52	0	0	0	0	0	0
11/29/2023 18:43	17804 GILB_T2	0	0	0	0	0	0	-0.43	-0.45	0	0	0	0	0	0
11/29/2023 18:43	64802 MONE_T2	0	0	0	0	0	0	0.02	0.03	0	0	0	0	0	0
11/29/2023 18:43	14403 SSLA_T1	0	0	0	0	0	0	1.07	1.07	0	0	0	0	0	0
11/29/2023 18:44	12701 MACU_T1	0	0	0	0	0	0	-0.98	-1	1	1	0	1200	1200	0
11/29/2023 18:44	64101 REFR_T1	0	0	0	0	0	0	0.08	0.08	0	0	0	0	0	0
11/29/2023 18:44	43304 WATS_T2	9	10	1	0.54	0.58	0.04	-0.07	-0.09	0	0	0	0	0	0
11/29/2023 18:44	49803 UNIV_T1	0	0	0	0	0	0	-0.97	-0.93	0	0	0	0	0	0
11/29/2023 18:44	46203 DANV_T2	0	1	1	0	0	0	-1.03	-1.04	0	0	0	0	0	0
11/29/2023 18:44	63803 HEMP_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/29/2023 18:44	53501 EVIL_T2	0	1	1	0	0.2	0.2	-1.33	-1.3	2	2	0	1200	1200	0
11/29/2023 18:44	59202 THOM_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/29/2023 18:44	56802 BENV_T2	0	0	0	0	0	0	-1.2	-1.15	0	0	0	0	0	0
11/29/2023 18:45	40902 JESH_T1	0	0	0	0	0	0	-0.73	-0.74	0	0	0	0	0	0
11/29/2023 18:45	52501 PROG_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/29/2023 18:45	56801 BENV_T1	13	18	5	0.35	0.69	0.34	-0.45	-0.48	1	1	0	600	600	0
11/29/2023 18:45	61801 EEU_T2	0	2	2	0	0.2	0.2	-0.87	-0.89	1	1	0	600	600	0
11/29/2023 18:45	40101 HUNT_T2	250	159	-91	0.72	0.49	-0.23	-1.19	-1.19	1	1	0	300	300	0
11/29/2023 18:45	41801 GOCI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/29/2023 18:45	55101 WERT_T1	0	0	0	0	0	0	-1.68	-1.7	2	2	0	1500	1500	0
11/29/2023 18:45	59003 MIFF_T1	1	1	0	1.5	0	-1.5	-1.1	-1.13	0	0	0	0	0	0
11/29/2023 18:46	64101 REFR_T1	0	0	0	0	0	0	0.08	0.08	0	0	0	0	0	0
11/29/2023 18:46	56802 BENV_T2	0	0	0	0	0	0	-1.2	-1.15	0	0	0	0	0	0
11/29/2023 18:46	43302 WATS_T2	1	2	1	0.1	0.1	0	0	0	0	0	0	0	0	0
11/29/2023 18:46	58401 MORO_T1	1	1	0	1.2	0.7	-0.5	0	0	0	0	0	0	0	0
11/29/2023 18:46	40602 PIGR_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/29/2023 18:46	55001 NEWP_T1	1	3	2	1.3	0	-1.3	-0.52	-0.51	1	1	0	600	600	0
11/29/2023 18:46	52403 GRPA_T2	83	58	-25	0.81	0.47	-0.34	0	0	0	0	0	0	0	0
11/29/2023 18:46	64802 MONE_T2	0	0	0	0	0	0	0.02	0.03	0	0	0	0	0	0
11/29/2023 18:46	46203 DANV_T2	1	0	-1	0.1	0	-0.1	0	0	0	0	0	0	0	0
11/29/2023 18:47	56802 BENV_T2	0	0	0	0	0	0	-1.2	-1.15	0	0	0	0	0	0
11/29/2023 18:47	43302 WATS_T2	1	2	1	0.1	0.1	0	0	0	0	0	0	0	0	0
11/29/2023 18:47	64101 REFR_T1	0	0	0	0	0	0	0.08	0.08	0	0	0	0	0	0
11/29/2023 18:47	66703 STRA_T1	1	2	1	0.4	0.4	0	-0.08	-0.03	0	0	0	0	0	0
11/29/2023 18:47	43304 WATS_T2	10	32	22	0.43	0.73	0.3	-0.07	-0.09	0	0	0	0	0	0
11/29/2023 18:47	46802 HEPB_T1	1	1	0	1.2	1.6	0.4	0	0	0	0	0	0	0	0
11/29/2023 18:47	46901 MNTG_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/29/2023 18:47	42701 AUGU_T1	3	4	1	0.5	0	-0.5	0	0	0	0	0	0	0	0
11/29/2023 18:47	43001 ALWD_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/29/2023 18:47	54505 ENOL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/29/2023 18:47	16301 ALPA_T1	0	1	1	0	0.1	0.1	-0.26	-0.25	0	0	0	0	0	0
11/29/2023 18:48	47401 PENS_T1	0	0	0	0	0	0	-0.27	-0.29	0	0	0	0	0	0
11/29/2023 18:48	54504 ENOL_T2	0	1	1	0	0	0	-0.96	-0.94	1	1	0	600	600	0
11/29/2023 18:48	57403 SPAN_T1	3	14	11	0.13	0.31	0.18	0	0	0	0	0	0	0	0
11/29/2023 18:48	59302 MCAL_T1	0	0	0	0	0	0	-0.51	-0.56	1	1	0	600	600	0
11/29/2023 18:48	59101 WALK_T2	1	2	1	0	0	0	1.43	1.39	1	1	0	450	450	0
11/29/2023 18:48	56802 BENV_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/29/2023 18:49	46203 DANV_T2	1	0	-1	0.1	0	-0.1	0	0	0	0	0	0	0	0
11/29/2023 18:49	52502 PROG_T2	0	1	1	0	0	0	-0.35	-0.41	1	1	0	900	900	0
11/29/2023 18:49	55002 NEWP_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/29/2023 18:49	47401 PENS_T1	0	0	0	0	0	0	-0.27	-0.29	0	0	0	0	0	0
11/29/2023 18:49	57401 SPAN_T1	1	2	1	0.1	0.4	0.3	-0.51	-0.54	1	1	0	600	600	0
11/29/2023 18:49	57401 SPAN_T1	1	2	1	0.1	0.4	0.3	-0.51	-0.54	1	1	0	600	600	0
11/29/2023 18:49	42701 AUGU_T1	3	4	1	0.5	0	-0.5	0	0	0	0	0	0	0	0
11/29/2023 18:49	56802 BENV_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/29/2023 18:49	56501 ROCK_T2	2	2	0	0.9	1.15	0.25	-1.23	-1.19	0	0	0	0	0	0
11/29/2023 18:50	46203 DANV_T2	1	0	-1	0.1	0	-0.1	0	0	0	0	0	0	0	0
11/29/2023 18:50	56802 BENV_T2	0	0	0	0	0	0	-3.59	-3.45	0	0	0	0	0	0
11/29/2023 18:50	55002 NEWP_T1	0	0	0	0	0	0	-0.17	-0.17	0	0	0	0	0	0
11/29/2023 18:50	59101 WALK_T2	1	2	1	0	0	0	1.43	1.39	1	1	0	450	450	0
11/29/2023 18:51	52402 GRPA_T2	1	4	3	3.2	0.75	-2.45	0	0	0	0	0	0	0	0
11/29/2023 18:51	57403 SPAN_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/29/2023 18:51	52404 GRPA_T2	8	8	0	0.31	0.2	-0.11	-0.01	-0.02	0	0	0	0	0	0
11/29/2023 18:51	55002 NEWP_T1	0	0	0	0	0	0	-0.17	-0.17	0	0	0	0	0	0
11/29/2023 18:51	56501 ROCK_T2	2	2	0	0.9	1.15	0.25	-1.23	-1.19	0	0	0	0	0	0
11/29/2023 18:51	55101 WERT_T1	0	0	0	0	0	0	-1.68	-1.7	2	2	0	1500	1500	0
11/29/2023 18:52	54504 ENOL_T2	0	1	1	0	0	0	0	0	0	0	0	0	0	0
11/29/2023 18:52	47403 PENS_T1	1	0	-1	2.8	0	-2.8	0	0	0	0	0	0	0	0
11/29/2023 18:52	55101 WERT_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/29/2023 18:52	58302 NOTT_T1	0	0	0	0	0	0	-0.52	-0.44	1	1	0	1200	1200	0
11/29/2023 18:52	54701 NEBL_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/29/2023 18:52	52402 GRPA_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/29/2023 18:52	57401 SPAN_T1	1	2	1	0.1	0.4	0.3	0	0	0	0	0	0	0	0
11/29/2023 18:53	59101 WALK_T2	1	2	1	0	0	0	1.43	1.39	1	1	0	450	450	0
11/29/2023 18:53	47401 PENS_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/29/2023 18:53	55101 WERT_T1	0	0	0	0	0	0	-3.37	-3.41	4	4	0	3000	3000	0
11/29/2023 18:54	57401 SPAN_T1	1	2	1	0.1	0.4	0.3	-0.51	-0.54	1	1	0	600	600	0
11/29/2023 18:54	55105 WERT_T1	0	0	0	0	0	0	-0.31	-0.36	1	1	0	900	900	0
11/29/2023 18:54	54701 NEBL_T1	0	2	2	0	0.1	0.1	0	0	1	1	0	600	600	0
11/29/2023 18:54	56802 BENV_T2	0	0	0	0	0	0	-1.2	-1.15	0	0	0	0	0	0
11/29/2023 18:54	59101 WALK_T2	1	2	1	0	0	0	1.43	1.39	1	1	0	450	450	0
11/29/2023 18:55	55001 NEWP_T1	1	3	2	1.3	0	-1.3	0	0	0	0	0	0	0	0
11/29/2023 18:55	56802 BENV_T2	0	0	0	0	0	0	-1.2	-1.15	0	0	0	0	0	0
11/29/2023 18:55	56801 BENV_T1	13	18	5	0.35	0.69	0.34	-0.45	-0.48	1	1	0	600	600	0
11/29/2023 18:55	58401 MORO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/29/2023 18:56	52401 GRPA_T2	14	14	0	0.39	0.23	-0.16	0	0	0	0	0	0	0	0
11/29/2023 18:56	52402 GRPA_T2	1	4	3	3.2	0.75	-2.45	0	0	0	0	0	0	0	0
11/29/2023 18:56	53501 EVIL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/29/2023 18:57	55001 NEWP_T1	1	3	2	1.3	0	-1.3	-0.51	-0.55	1	1	0	600	600	0
11/29/2023 18:57	40101 HUNT_T2	250	159	-91	0.72	0.49	-0.23	-1.19	-1.18	1	1	0	300	300	0
11/29/2023 18:58	53903 HALI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/29/2023 18:58	56802 BENV_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/29/2023 18:58	54505 ENOL_T2	1	1	0	0.3	0.5	0.2	0	0	0	0	0	0	0	0
11/29/2023 18:58	58401 MORO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/29/2023 18:59	52401 GRPA_T2	14	14	0	0.39	0.23	-0.16	0	0	0	0	0	0	0	0
11/29/2023 18:59	58401 MORO_T1	1	1	0	1.2	0.7	-0.5	0	0	0	0	0	0	0	0
11/29/2023 19:00	53903 HALI_T2	2	2	0	0.9	0.9	0	-0.2	-0.22	0	0	0	0	0	0
11/29/2023 19:00	53501 EVIL_T2	0	1	1	0	0.4	0.4	-1.3	-1.3	2	2	0	1200	1200	0
11/29/2023 19:07	54505 ENOL_T2	1	1	0	0.3	0.5	0.2	0	0	0	0	0	0	0	0
11/29/2023 19:38	54501 ENOL_T2	0	0	0	0	0	0	-0.49	-0.48	1	1	0	600	600	0
11/29/2023 19:45	40101 HUNT_T2	93	249	156	0.48	0.58	0.1	-1.22	-1.31	1	1	0	300	300	0
11/29/2023 22:45	57401 SPAN_T1	0	0	0	0	0	0	-0.73	-0.81	1	1	0	600	600	0
11/29/2023 23:38	65001 NEFF_T2	0	5	5	0	0.14	0.14	-1.02	-1.08	1	1	0	1200	1200	0
11/29/2023 23:43	65001 NEFF_T2	0	5	5	0	0.14	0.14	-1.08	-1.12	1	1	0	1200	1200	0
11/30/2023 0:28	54502 ENOL_T2	0	0	0	0	0	0	-1.93	-1.92	1	1	0	600	600	0
11/30/2023 0:28	29402 BELT_T1	1	1	0	6.9	7.1	0.2	0	0	0	0	0	0	0	0
11/30/2023 0:28	62604 ENGL_T1	0	0	0	0	0	0	-0.92	-1.02	2	2	0	1200	1200	0
11/30/2023 0:28	45501 DERR_T2	0	0	0	0	0	0	0.17	0.04	2	2	0	1800	1800	0
11/30/2023 0:28	11104 EGYP_T1	0	0	0	0	0	0	0.46	0.48	0	0	0	0	0	0
11/30/2023 0:28	42601 TUSC_T1	2	12	10	0.5	0.61	0.11	-0.57	-0.57	2	2	0	1800	1800	0
11/30/2023 0:28	66505 SMAN_T2	3	2	-1	1.03	0.5	-0.53	0	0	0	0	0	0	0	0
11/30/2023 0:28	67001 STHI_T2	1	1	0	0.1	0.1	0	0	0	0	0	0	0	0	0
11/30/2023 0:28	54001 SDLE_T1	0	1	1	0	0.8	0.8	0	0	0	1	1	0	600	600
11/30/2023 0:28	44601 SALE_T2	0	0	0	0	0	0	-0.15	-0.12	0	0	0	0	0	0
11/30/2023 0:28	47401 PENS_T1	0	0	0	0	0	0	0.65	0.65	0	0	0	0	0	0
11/30/2023 0:28	64801 MONE_T2	0	0	0	0	0	0	-0.61	-0.6	0	0	0	0	0	0
11/30/2023 0:28	56501 ROCK_T2	1	1	0	0.2	0	-0.2	-1.34	-1.39	0	0	0	0	0	0
11/30/2023 0:28	40101 HUNT_T2	0	0	0	0	0	0	-1.72	-1.72	0	0	0	0	0	0
11/30/2023 0:28	52403 GRPA_T2	0	1	1	0	0	0	-0.09	-0.1	0	0	0	0	0	0
11/30/2023 0:28	55101 WERT_T1	0	0	0	0	0	0	-1.4	-1.41	2	2	0	1500	1500	0
11/30/2023 0:28	16302 ALPA_T2	0	0	0	0	0	0	-0.65	-0.66	0	0	0	0	0	0
11/30/2023 0:28	16301 ALPA_T1	0	1	1	0	0.1	0.1	-0.94	-0.72	0	0	0	0	0	0
11/30/2023 0:28	60101 COCA_T1	0	0	0	0	0	0	0.31	0.32	0	0	0	0	0	0
11/30/2023 0:28	20801 LOPO_T1	1	1	0	1.3	1.5	0.2	0.17	0.16	0	0	0	0	0	0
11/30/2023 0:28	67502 WEWI_T2	0	0	0	0	0	0	-5.88	-5.76	4	4	0	3600	3600	0
11/30/2023 0:28	43301 WATS_T2	0	0	0	0	0	0	-1.23	-1.28	2	2	0	1800	1800	0
11/30/2023 0:28	10801 CHHI_T1	0	0	0	0	0	0	-1.51	-1.54	2	2	0	1500	1500	0
11/30/2023 0:28	43402 BENT_T1	0	0	0	0	0	0	-1.51	-1.49	2	2	0	1500	1500	0
11/30/2023 0:28	67204 TEHI_T2	0	0	0	0	0	0	0.13	0.15	0	0	0	0	0	0
11/30/2023 0:28	64101 REFR_T1	0	0	0	0	0	0	0.24	0.31	0	0	0	0	0	0
11/30/2023 0:28	65901 SAKR_T2	1	1	0	8.7	9	0.3	-1.42	-1.39	1	1	0	900	900	0
11/30/2023 0:28	45902 AUBU_T1	0	0	0	0	0	0	-0.63	-0.69	1	1	0	600	600	0
11/30

Appendix C - Grid Benefits Achieved in Each Instance of Active Management

11/30/2023 9:06	49803 UNIV_T1	0	0	0	0	0	0	0.43	-0.92	0	0	0	0	0	0
11/30/2023 9:06	42203 SHEN_T2	0	0	0	0	0	0	0.04	0.07	0	0	0	0	0	0
11/30/2023 9:07	52403 GRPA_T2	12	7	-5	0.48	0.57	0.09	0.11	0.13	0	0	0	0	0	0
11/30/2023 9:09	45501 DERR_T2	1	0	-1	0.2	0	-0.2	0.73	0.72	2	2	0	1800	1800	0
11/30/2023 9:10	16302 ALPA_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/30/2023 9:10	29402 BELT_T1	2	4	2	4.35	2.45	-1.9	0	0	0	0	0	0	0	0
11/30/2023 9:12	45502 DERR_T2	0	1	1	0	0	0	0	0	0	0	0	0	0	0
11/30/2023 9:17	46903 MNTG_T2	0	0	0	0	0	0	0.15	0.29	1	1	0	600	600	0
11/30/2023 9:18	13302 ORVI_T2	56	82	26	0.26	0.21	-0.05	0.86	0.81	0	0	0	0	0	0
11/30/2023 9:22	28604 BLYT_T2	0	0	0	0	0	0	-1.38	-1.4	0	0	0	0	0	0
11/30/2023 9:23	45902 AUBU_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/30/2023 9:23	29401 BELT_T1	44	99	55	0.26	0.42	0.16	0	0	2	2	0	1800	1800	0
11/30/2023 9:23	29401 BELT_T1	44	99	55	0.26	0.42	0.16	0	0	2	2	0	1800	1800	0
11/30/2023 9:24	45902 AUBU_T1	1	0	-1	0.1	0	-0.1	-0.15	-0.24	1	1	0	600	600	0
11/30/2023 9:26	46203 DANV_T2	0	0	0	0	0	0	0.06	0.09	0	0	0	0	0	0
11/30/2023 9:26	41801 GOCI_T2	1	1	0	0.1	0	-0.1	0	0	0	0	0	0	0	0
11/30/2023 9:28	46203 DANV_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/30/2023 9:29	45901 AUBU_T1	0	0	0	0	0	0	1.55	1.62	0	0	0	0	0	0
11/30/2023 9:29	40101 HUNT_T2	415	215	-200	1.15	0.31	-0.84	-1	-0.88	0	0	0	0	0	0
11/30/2023 9:29	52402 GRPA_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/30/2023 9:30	52403 GRPA_T2	7	28	21	0.81	0.3	-0.51	0.13	0.08	0	0	0	0	0	0
11/30/2023 9:30	52404 GRPA_T2	3	4	1	0.6	1.4	0.8	0.69	0.63	0	0	0	0	0	0
11/30/2023 9:30	41801 GOCI_T2	1	0	-1	0.2	0	-0.2	0	0	0	0	0	0	0	0
11/30/2023 9:31	54701 NEBL_T1	1	0	-1	0.1	0	-0.1	0	0	0	0	0	0	0	0
11/30/2023 9:32	52402 GRPA_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/30/2023 9:33	55001 NEWP_T1	0	0	0	0	0	0	-0.53	-0.5	1	1	0	600	600	0
11/30/2023 9:33	41902 REED_T1	4	9	5	1.13	0.68	-0.45	1.19	1.24	0	0	0	0	0	0
11/30/2023 9:34	55001 NEWP_T1	0	0	0	0	0	0	-0.53	-0.5	1	1	0	600	600	0
11/30/2023 9:35	43304 WATS_T2	0	0	0	0	0	0	-0.45	-0.5	0	0	0	0	0	0
11/30/2023 9:35	56501 ROCK_T2	14	13	-1	0.17	0.17	0	-1.56	-1.57	0	0	0	0	0	0
11/30/2023 9:36	41901 REED_T1	9	11	2	0.59	0.63	0.04	0	0	0	0	0	0	0	0
11/30/2023 9:36	56501 ROCK_T2	14	13	-1	0.17	0.17	0	-1.56	-1.57	0	0	0	0	0	0
11/30/2023 9:37	56501 ROCK_T2	14	13	-1	0.17	0.17	0	-3.12	-3.13	0	0	0	0	0	0
11/30/2023 9:37	56802 BENV_T2	6	2	-4	0.45	0.45	0	-1.11	-1.16	0	0	0	0	0	0
11/30/2023 9:38	43304 WATS_T2	0	0	0	0	0	0	-0.45	-0.5	0	0	0	0	0	0
11/30/2023 9:39	56802 BENV_T2	6	2	-4	0.45	0.45	0	-1.11	-1.16	0	0	0	0	0	0
11/30/2023 9:39	46001 BERW_T1	0	0	0	0	0	0	2.39	2.32	0	0	0	0	0	0
11/30/2023 9:40	43304 WATS_T2	0	0	0	0	0	0	-0.45	-0.5	0	0	0	0	0	0
11/30/2023 9:40	56802 BENV_T2	6	2	-4	0.45	0.45	0	-1.11	-1.16	0	0	0	0	0	0
11/30/2023 9:42	56802 BENV_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/30/2023 9:51	46206 DANV_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/30/2023 9:52	46203 DANV_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/30/2023 9:53	46206 DANV_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/30/2023 9:55	62607 ENGL_T1	0	0	0	0	0	0	-1.02	-1.03	1	1	0	300	300	0
11/30/2023 9:55	40101 HUNT_T2	7	19	12	0.31	0.33	0.02	-0.88	-0.92	0	0	0	0	0	0
11/30/2023 9:56	54505 ENOL_T2	1	1	0	0.2	0.3	0.1	0	0	0	0	0	0	0	0
11/30/2023 9:56	40101 HUNT_T2	7	19	12	0.31	0.33	0.02	-0.92	-0.92	0	0	0	0	0	0
11/30/2023 9:57	40101 HUNT_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/30/2023 9:57	52402 GRPA_T2	4	5	1	1.08	1	-0.08	0	0	0	0	0	0	0	0
11/30/2023 9:58	26401 INOR_T1	0	0	0	0	0	0	0.62	0.58	0	0	0	0	0	0
11/30/2023 9:58	55001 NEWP_T1	0	1	1	0	0	0	0	0	0	0	0	0	0	0
11/30/2023 9:58	64702 LITI_T2	0	0	0	0	0	0	-0.71	-0.7	0	0	0	0	0	0
11/30/2023 9:59	55001 NEWP_T1	0	1	1	0	0	0	-0.52	-0.59	1	1	0	600	600	0
11/30/2023 9:59	13302 ORVI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/30/2023 10:00	64802 MONE_T2	0	0	0	0	0	0	-0.01	0.03	0	0	0	0	0	0
11/30/2023 10:01	54701 NEBL_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/30/2023 10:01	57401 SPAN_T1	0	0	1	0	0	0	-0.81	-0.81	1	1	0	600	600	0
11/30/2023 10:01	59101 WALK_T2	1	2	1	0	0	0	2.27	1.44	1	2	1	450	1050	600
11/30/2023 10:01	59302 MCAL_T1	1	1	0	0.1	0	-0.1	0.11	0	1	1	0	600	600	0
11/30/2023 10:01	13901 SEID_T1	0	0	0	0	0	0	0.26	0.25	0	0	0	0	0	0
11/30/2023 10:02	57401 SPAN_T1	0	0	0	0	0	0	-1.61	-1.61	2	2	0	1200	1200	0
11/30/2023 10:02	13302 ORVI_T2	164	5	-159	0.25	0.26	0.01	0.82	0.73	0	0	0	0	0	0
11/30/2023 10:03	66901 SHIL_T2	31	51	20	0.12	0.14	0.02	-1.51	-1.49	1	1	0	1200	1200	0
11/30/2023 10:04	29402 BELT_T1	6	36	30	1.7	0.46	-1.24	0	0	0	0	0	0	0	0
11/30/2023 10:04	42201 SHEN_T2	0	0	0	0	0	0	0.2	0.17	1	1	0	600	600	0
11/30/2023 10:04	56802 BENV_T2	1	1	0	0.8	0.8	0	-2.34	-2.34	0	0	0	0	0	0
11/30/2023 10:04	43301 WATS_T2	0	0	0	0	0	0	-0.53	-0.53	1	1	0	900	900	0
11/30/2023 10:04	16302 ALPA_T2	1	3	2	0.3	0.37	0.07	-0.54	-0.54	0	0	0	0	0	0
11/30/2023 10:04	59101 WALK_T2	1	2	1	0	0	0	2.27	1.44	1	2	1	450	1050	600
11/30/2023 10:05	45902 AUBU_T1	0	0	0	0	0	0	-0.25	-0.27	1	1	0	600	600	0
11/30/2023 10:05	43304 WATS_T2	0	1	1	0	0	0	0	0	0	0	0	0	0	0
11/30/2023 10:05	64702 LITI_T2	0	0	0	0	0	0	-0.71	-0.7	0	0	0	0	0	0
11/30/2023 10:05	57401 SPAN_T1	0	0	0	0	0	0	-0.81	-0.81	1	1	0	600	600	0
11/30/2023 10:05	29401 BELT_T1	103	147	44	0.47	0.54	0.07	0	0	3	3	0	2700	2700	0
11/30/2023 10:05	16302 ALPA_T2	1	3	2	0.3	0.37	0.07	-0.54	-0.54	0	0	0	0	0	0
11/30/2023 10:05	56802 BENV_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/30/2023 10:06	54503 ENOL_T2	0	0	0	0	0	0	-0.97	-1	1	1	0	600	600	0
11/30/2023 10:06	20403 ASHF_T2	0	0	0	0	0	0	0.76	1.09	0	0	0	0	0	0
11/30/2023 10:06	66503 SMAN_T2	177	0	-177	0.21	0	-0.21	0	0	0	0	0	0	0	0
11/30/2023 10:06	43304 WATS_T2	0	1	1	0	0	0	0	0	0	0	0	0	0	0
11/30/2023 10:06	56802 BENV_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/30/2023 10:06	45901 AUBU_T1	0	0	0	0	0	0	1.58	1.62	0	0	0	0	0	0
11/30/2023 10:07	45902 AUBU_T1	0	0	0	0	0	0	-0.25	-0.27	1	1	0	600	600	0
11/30/2023 10:07	59101 WALK_T2	1	2	1	0	0	0	2.27	1.44	1	2	1	450	1050	600
11/30/2023 10:07	56802 BENV_T2	1	1	0	0.8	0.8	0	-1.17	-1.17	0	0	0	0	0	0
11/30/2023 10:07	46203 DANV_T2	0	0	0	0	0	0	0.06	0.19	0	0	0	0	0	0
11/30/2023 10:07	43301 WATS_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/30/2023 10:07	16302 ALPA_T2	1	3	2	0.3	0.37	0.07	-0.54	-0.54	0	0	0	0	0	0
11/30/2023 10:08	20403 ASHF_T2	0	0	0	0	0	0	0.76	1.09	0	0	0	0	0	0
11/30/2023 10:08	53501 EVIL_T2	1	3	2	0.7	0.3	-0.4	-1.8	-1.79	4	4	0	2400	2400	0
11/30/2023 10:08	45902 AUBU_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/30/2023 10:09	53501 EVIL_T2	1	3	2	0.7	0.3	-0.4	-0.9	-0.89	2	2	0	1200	1200	0
11/30/2023 10:09	45902 AUBU_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/30/2023 10:09	56802 BENV_T2	1	1	0	0.8	0.8	0	-1.17	-1.17	0	0	0	0	0	0
11/30/2023 10:11	52404 GRPA_T2	4	5	1	0.85	0.65	-0.2	0	0	0	0	0	0	0	0
11/30/2023 10:11	53501 EVIL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/30/2023 10:11	63401 HONY_T1	0	0	0	0	0	0	0.8	0.81	0	0	0	0	0	0
11/30/2023 10:13	26401 INOR_T1	0	1	1	0	0	0	0	0	0	0	0	0	0	0
11/30/2023 10:15	56501 ROCK_T2	20	85	65	0.16	0.17	0.01	-1.55	-1.6	0	0	0	0	0	0
11/30/2023 10:15	65902 SAKR_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/30/2023 10:15	40601 PIGR_T1	16	66	50	0.13	0.19	0.06	0	0	0	0	0	0	0	0
11/30/2023 10:16	56501 ROCK_T2	20	85	65	0.16	0.17	0.01	-1.55	-1.6	0	0	0	0	0	0
11/30/2023 10:17	65002 NEFF_T2	0	1	1	0	0	0	0	0	0	0	0	0	0	0
11/30/2023 10:17	43201 MVIL_T2	0	0	0	0	0	0	-0.37	-0.35	0	0	0	0	0	0
11/30/2023 10:18	14403 SSLA_T1	0	0	0	0	0	0	0.93	0.93	0	0	0	0	0	0
11/30/2023 10:20	16302 ALPA_T2	2	3	1	0.15	0.37	0.22	-1.08	-1.19	0	0	0	0	0	0
11/30/2023 10:20	56801 BENV_T1	16	22	6	0.61	0.97	0.36	-0.6	-0.63	1	1	0	600	600	0
11/30/2023 10:20	45902 AUBU_T1	0	0	0	0	0	0	-0.27	-0.32	1	1	0	600	600	0
11/30/2023 10:21	43001 ALWD_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/30/2023 10:22	45902 AUBU_T1	0	0	0	0	0	0	-0.27	-0.32	1	1	0	600	600	0
11/30/2023 10:23	56801 BENV_T1	16	22	6	0.61	0.97	0.36	-0.6	-0.63	1	1	0	600	600	0
11/30/2023 10:23	62604 ENGL_T1	0	0	0	0	0	0	-0.36	-0.34	1	1	0	600	600	0
11/30/2023 10:24	41602 CLEV_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/30/2023 10:24	62604 ENGL_T1	0	0	0	0	0	0	-0.72	-0.69	2	2	0	1200	1200	0
11/30/2023 10:24	64201 KINZ_T1	0	0	0	0	0	0	-0.78	-0.77	4	4	0	2100	2100	0
11/30/2023 10:24	40201 BEGA_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/30/2023 10:25	17803 GILB_T2	0	6	6	0	0.13	0.13	0	0	0	0	0	0	0	0
11/30/2023 10:25	27101 GFLD_T2	0	2	2	0	0	0	0.47	0.43	0	0	0	0	0	0
11/30/2023 10:25	62604 ENGL_T1	0	0	0	0	0	0	-0.72	-0.69	2	2	0	1200	1200	0
11/30/2023 10:26	52402 GRPA_T2	4	5	1	1.03	0.96	-0.07	0	0	0	0	0	0	0	0
11/30/2023 10:26	17804 GILB_T2	1	1	0	0.3	0.8	0.5	0	0	0	0	0	0	0	0
11/30/2023 10:27	64201 KINZ_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/30/2023 10:29	64201 KINZ_T1	0	0	0	0	0	0	-0.77	-0.66	4	4	0	2100	2100	0
11/30/2023 10:30	12701 MACU_T1	0	0	0	0	0	0	0.1	0.1	0	0	0	0	0	0
11/30/2023 10:31	67001 STHI_T2	124	237	113	0.12	0.14	0.02	0	0	0	0	0	0	0	0
11/30/2023 10:31	12701 MACU_T1	0	0	0	0	0	0	0.1	0.1	0	0	0	0	0	0
11/30/2023 10:32	56501 ROCK_T2	10	104	94	0.16	0.18	0.02	-1.6	-1.58	0	0	0	0	0	0
11/30/2023 10:32	57401 SPAN_T1	0	0	0	0	0	0	-0.88	-0.69	1	1	0	600	600	0
11/30/2023 10:33	67502 WEWI_T2	1	2	1	0.1	0.4	0.3	-1.13	-1.15	1	1	0	900	900	0
11/30/2023 10:33	57401 SPAN_T1	0	0	0	0	0	0	-0.88	-0.69	1	1	0	600	600	0
11/30/2023 10:33	40201 BEGA_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/30/2023 10:34	67002 STHI_T2	25	40	15	0.15	0.15	0	1.36	1.42	0	0	0	0	0	0
11/30/2023 10:35	43401 BENT_T1	0	1	1	0	0	0	0	0	0	0	0	0	0	0
11/30/2023 10:35	67502 WEWI_T2	1	2	1	0.1	0.4	0.3	-1.13	-1.15	1	1	0	900	900	0
11/30/2023 10:35	67001 STHI_T2	124	237	113	0.12	0.14	0.02	0	0	0	0	0	0	0	0
11/30/2023 10:35	45902 AUBU_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/30/2023 10:36	20401 ASHF_T2	1	7	6	0.1	0.19	0.09	0	0	0	0	0	0	0	0
11/30/2023 10:36	43304 WATS_T2	0	0	0	0	0	0	-0.24	-0.21	0	0	0	0	0	0
11/30/2023 10:36	45902 AUBU_T1	0	0	0	0	0	0	-0.32	-0.28	1	1	0	600	600	0
11/30/2023 10:36	67502 WEWI_T2	1	2	1	0.1	0.4	0.3	-1.13	-1.15	1	1	0	900	900	0
11/30/2023 10:37	66703 STRA_T1	1	7	6	0.1	0.37	0.27	0	-0.02	0	0	0	0	0	0
11/30/2023 10:37	43304 WATS_T2	0	0	0	0	0	0	-0.24	-0.21	0	0	0	0	0	0
11/30/2023 10:38	43401 BENT_T1	0	1	1	0	0	0	0	0	0	0	0	0	0	0
11/30/2023 10:38	45902 AUBU_T1	0	0	0	0	0	0	-0.32	-0.28	1	1	0	600	600	0
11/30/2023 10:38	67503 WEWI_T2	0	0	0	0	0	0	-0.13	-0.15	0	0	0	0	0	0
11/30/2023 10:39	42701 AUGU_T1	0	1	1	0	0.2	0.2	0	0	2	2	0	1800	1800	0
11/30/2023 10:40	26401 INOR_T1	0	1	1	0	0	0	0	0	0	0	0	0	0	0
11/30/2023 10:44	46901 MNTG_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/30/2023 10:45	42701 AUGU_T1	0	2	2	0	0.2	0.2	0	0	2	2	0	1800	1800	0
11/30/2023 10:46	55002 NEWP_T1	2	4	2	0.2	0.33	0.13	-0.19	-0.21	0	0	0	0	0	0
11/30/2023 10:47	40602 PIGR_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/30/2023 10:48	27502 WEIS_T2	0	1	1	0	0	0	-0.34	-0.35	0	0	0	0	0	0
11/30/2023 10:48	16301 ALPA_T1	4	4	0	0.25	0.25	0	-0.32	-0.3	0	0	0	0	0	0
11/30/2023 10:48	43304 WATS_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/30/2023 10:49	40602 PIGR_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/30/2023 10:49	60201 ATGL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/30/2023 10:49	16301 ALPA_T1	4	4	0	0.25	0.25	0	-0.32	-0.3	0	0	0	0	0	0
11/30/2023 10:50	59101 WALK_T2	1	1	0	0	0	0	2.08	3.6	4	2	-2	2100	900	-1200
11/30/2023 10:50	43301 WATS_T2	0	0	0	0	0	0	-0.52	-0.53	1	1	0	900	900	0
11/30/2023 10:50	17803 GILB_T2	6	0	-6	0.13	0	-0.13	0	0	0	0	0	0	0	0
11/30/2023 10:50	67203 TEHI_T1	0	0	0	0	0	0	1.85	2	3	3	0	2100	2100	0
11/30/2023 10:50	55105 WERT_T1	0	1	1	0	0.1	0.1	-0.25	-0.44	1	1	0	900	900	0
11/30/2023 10:51	10801 CHHI_T1	4	3	-1	0.2	0.37	0.17	-1.24	-1.18	2	2	0	1500	1500	0
11/30/2023 10:51	45402 WBLO_T2	1	2	1	1	0.6	-0.4	0	0	0	0	0	0	0	0
11/30/2023 10:51	16301 ALPA_T1	4	4	0	0.25	0.25	0	-0.32	-0.3	0	0	0	0	0	0
11/30/2023 10:52	16301 ALPA_T1	4	4	0	0.25	0.25	0	-0.32	-0.3	0	0	0	0	0	0
11/30/2023 10:52	60803 BUCK_T1	0	1	1	0	0.1	0.1	-1.53	-1.56	1	1	0	600	600	0
11/30/2023 10:52	44301 BEAV_T2	0	0	0	0	0	0	1.03	1.09	1	1	0	600	600	0
11/30/2023 10:52	43304 WATS_T2	0	0	0	0	0	0	-0.21	-0.23	0	0	0	0	0	0
11/30/2023 10:53	60803 BUCK_T1	0	1	1	0	0.1	0.1	-1.53	-1.56	1	1	0	600	600	0
11/30/2023 10:54	53903 HALI_T2	2	2	0	1	1.3	0.3	-0.22	-0.18	0	0	0	0	0	0
11/30/2023 10:55	45802 HEGI_T2	0	0	0	0	0	0	1.23	0.8	0	0	0	0	0	0
11/30/2023 10:56	26401 INOR_T1	1	0	-1	3.8	0	-3.8	0	0	0	0	0	0	0	0
11/30/2023 10:57	47001 HUGH_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/30/2023 10:57	40101 HUNT_T2	5	3	-2	0.4	0	-0.4	-0.91	-1	0	0	0	0	0	0
11/30/2023 10:57	45802 HEGI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/30/2023 10:57	55002 NEWP_T1	2	4	2	0.2	0.33	0.13	-0.21	-0.2	0	0	0	0	0	0
11/30/2023 10:58	53903 HALI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/30/2023 10:58	47001 HUGH_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/30/2023 10:59	39601 LNFD_T1	2	11	9	0.3	0.13	-0.17	0	0	1	0	-1	900	0	-900

11/30/2023 11:18	44601 SALE_T2	0	0	0	0	0	0	0.61	1	1	1	0	600	600	0
11/30/2023 11:19	56501 ROCK_T2	0	2	2	0	0.15	0.15	0	0	0	0	0	0	0	0
11/30/2023 11:19	46004 BERW_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/30/2023 11:19	24902 WHHA_T1	0	1	1	0	0	0	0.68	0.64	0	0	0	0	0	0
11/30/2023 11:19	47401 PENS_T1	7	13	6	0.46	0.21	-0.25	-0.46	-0.46	0	0	0	0	0	0
11/30/2023 11:19	56802 BENV_T2	4	30	26	0.45	0.2	-0.25	-1.19	-1.19	0	0	0	0	0	0
11/30/2023 11:19	60201 ATGL_T2	1	0	-1	2	0	-2	0.42	0.34	1	1	0	300	300	0
11/30/2023 11:20	43304 WATS_T2	0	0	0	0	0	0	-0.21	-0.28	0	0	0	0	0	0
11/30/2023 11:20	56802 BENV_T2	4	30	26	0.45	0.2	-0.25	-2.38	-2.38	0	0	0	0	0	0
11/30/2023 11:21	46203 DANV_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/30/2023 11:21	56802 BENV_T2	4	30	26	0.45	0.2	-0.25	-1.19	-1.19	0	0	0	0	0	0
11/30/2023 11:21	60101 COCA_T1	0	4	4	0	0.3	0.3	0.44	0.45	0	0	0	0	0	0
11/30/2023 11:22	45902 AUBU_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/30/2023 11:22	56802 BENV_T2	4	30	26	0.45	0.2	-0.25	-1.19	-1.19	0	0	0	0	0	0
11/30/2023 11:22	24902 WHHA_T1	0	1	1	0	0	0	0.68	0.64	0	0	0	0	0	0
11/30/2023 11:23	41502 FAIR_T2	0	0	0	0	0	0	-1.62	-1.59	1	1	0	900	900	0
11/30/2023 11:23	54504 ENOL_T2	0	0	0	0	0	0	-1	-1.01	1	1	0	600	600	0
11/30/2023 11:23	56802 BENV_T2	4	30	26	0.45	0.2	-0.25	-1.19	-1.19	0	0	0	0	0	0
11/30/2023 11:24	54502 ENOL_T2	0	0	0	0	0	0	-1.96	-2	1	1	0	600	600	0
11/30/2023 11:25	54502 ENOL_T2	0	0	0	0	0	0	-1.96	-2	1	1	0	600	600	0
11/30/2023 11:26	61801 EEU_T2	0	1	1	0	0.2	0.2	-0.3	-0.3	0	0	0	0	0	0
11/30/2023 11:27	26401 INOR_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/30/2023 11:28	52404 GRPA_T2	0	1	1	0	0.5	0.5	0	0	0	0	0	0	0	0
11/30/2023 11:29	64902 MILL_T2	0	0	0	0	0	0	-0.7	-0.77	1	1	0	900	900	0
11/30/2023 11:29	54206 PENN_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/30/2023 11:29	52402 GRPA_T2	6	8	2	0.83	1.13	0.3	0	0	0	0	0	0	0	0
11/30/2023 11:29	46901 MNTG_T2	0	0	0	0	0	0	1.6	1.48	0	0	0	0	0	0
11/30/2023 11:30	46903 MNTG_T2	3	47	44	0.33	0.16	-0.17	0.11	0.05	1	1	0	600	600	0
11/30/2023 11:30	58302 NOTT_T1	0	0	0	0	0	0	-0.26	-0.33	1	1	0	1200	1200	0
11/30/2023 11:30	13302 ORVI_T2	27	33	6	0.33	0.36	0.03	0.7	0.63	0	0	0	0	0	0
11/30/2023 11:30	13904 SEID_T1	0	8	8	0	0	0	0	0	0	0	0	0	0	0
11/30/2023 11:31	57403 SPAN_T1	4	12	8	0.38	0.28	-0.1	0.18	0.14	0	0	0	0	0	0
11/30/2023 11:31	56501 ROCK_T2	2	1	-1	0.15	0.6	0.45	-0.77	-0.78	0	0	0	0	0	0
11/30/2023 11:31	64802 MONE_T2	36	46	10	0.31	0.29	-0.02	0.03	0.03	0	0	0	0	0	0
11/30/2023 11:31	13302 ORVI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/30/2023 11:31	60101 COCA_T1	3	2	-1	0.37	0.1	-0.27	0.45	0.46	0	0	0	0	0	0
11/30/2023 11:32	52502 PROG_T2	0	0	0	0	0	0	0.38	0.37	0	0	0	0	0	0
11/30/2023 11:32	56501 ROCK_T2	2	1	-1	0.15	0.6	0.45	-1.55	-1.55	0	0	0	0	0	0
11/30/2023 11:33	13302 ORVI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/30/2023 11:33	42203 SHEN_T2	0	0	0	0	0	0	0.06	0.06	0	0	0	0	0	0
11/30/2023 11:33	42201 SHEN_T2	0	0	0	0	0	0	0.14	0.14	1	1	0	600	600	0
11/30/2023 11:33	64101 REFR_T1	1	2	1	0.1	0.15	0.05	0.18	0.17	0	0	0	0	0	0
11/30/2023 11:33	56501 ROCK_T2	2	1	-1	0.15	0.6	0.45	-0.77	-0.78	0	0	0	0	0	0
11/30/2023 11:34	56501 ROCK_T2	2	1	-1	0.15	0.6	0.45	-0.77	-0.78	0	0	0	0	0	0
11/30/2023 11:34	56504 ROCK_T2	0	0	0	0	0	0	0.02	0	0	0	0	0	0	0
11/30/2023 11:35	43001 ALWD_T1	5	10	5	0.12	0.15	0.03	0	0	0	0	0	0	0	0
11/30/2023 11:35	20403 ASHF_T2	0	3	3	0	0.23	0.23	1.41	1.35	0	0	0	0	0	0
11/30/2023 11:35	57403 SPAN_T1	4	12	8	0.38	0.28	-0.1	0	0	0	0	0	0	0	0
11/30/2023 11:35	56501 ROCK_T2	2	1	-1	0.15	0.6	0.45	-0.77	-0.78	0	0	0	0	0	0
11/30/2023 11:36	46206 DANV_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/30/2023 11:36	46206 DANV_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/30/2023 11:36	57403 SPAN_T1	4	12	8	0.38	0.28	-0.1	0	0	0	0	0	0	0	0
11/30/2023 11:37	46203 DANV_T2	0	0	0	0	0	0	0.26	0.21	0	0	0	0	0	0
11/30/2023 11:37	57401 SPAN_T1	2	2	0	0.35	0.55	0.2	-0.74	-0.71	1	1	0	600	600	0
11/30/2023 11:37	60101 COCA_T1	3	2	-1	0.37	0.1	-0.27	0.45	0.46	0	0	0	0	0	0
11/30/2023 11:38	46206 DANV_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/30/2023 11:39	22103 EDEL_T2	0	1	1	0	0.6	0.6	0	0	0	0	0	0	0	0
11/30/2023 11:39	56504 ROCK_T2	0	0	0	0	0	0	0.02	0	0	0	0	0	0	0
11/30/2023 11:39	46203 DANV_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/30/2023 11:39	46801 HEPB_T2	2	2	0	0.2	0.2	0	0.64	0.63	0	0	0	0	0	0
11/30/2023 11:40	54505 ENOL_T2	1	1	0	0.8	0.9	0.1	0	0	0	0	0	0	0	0
11/30/2023 11:40	45702 LIND_T2	1	1	0	0.8	1.1	0.3	-0.45	-0.46	0	0	0	0	0	0
11/30/2023 11:41	56501 ROCK_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/30/2023 11:41	64201 KINZ_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/30/2023 11:43	64202 KINZ_T1	0	3	3	0	0.53	0.53	0	0	0	0	0	0	0	0
11/30/2023 11:44	40601 PIGR_T1	26	151	125	0.17	0.3	0.13	0	0	0	0	0	0	0	0
11/30/2023 11:44	64101 REFR_T1	1	2	1	0.1	0.15	0.05	0.35	0.31	0	0	0	0	0	0
11/30/2023 11:45	64101 REFR_T1	2	1	-1	0.1	0.2	0.1	0.17	0.15	0	0	0	0	0	0
11/30/2023 11:45	56501 ROCK_T2	1	3	2	0.6	0.2	-0.4	-1.55	-1.61	0	0	0	0	0	0
11/30/2023 11:46	64101 REFR_T1	2	1	-1	0.1	0.2	0.1	0.17	0.15	0	0	0	0	0	0
11/30/2023 11:46	13904 SEID_T1	0	11	11	0	0.23	0.23	0	0	0	0	0	0	0	0
11/30/2023 11:46	54001 SDLE_T1	9	9	0	1.19	1.21	0.02	0	0	0	0	0	0	0	0
11/30/2023 11:46	56501 ROCK_T2	1	3	2	0.6	0.2	-0.4	-0.78	-0.81	0	0	0	0	0	0
11/30/2023 11:47	64101 REFR_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/30/2023 11:47	54001 SDLE_T1	9	9	0	1.19	1.21	0.02	0	0	0	0	0	0	0	0
11/30/2023 11:47	56501 ROCK_T2	1	3	2	0.6	0.2	-0.4	-0.78	-0.81	0	0	0	0	0	0
11/30/2023 11:48	56501 ROCK_T2	1	3	2	0.6	0.2	-0.4	-1.55	-1.61	0	0	0	0	0	0
11/30/2023 11:48	43301 WATS_T2	0	0	0	0	0	0	-1.04	0.82	2	0	-2	1800	0	-1800
11/30/2023 11:48	59101 WALK_T2	1	1	0	0	0	0	4.15	3.65	2	2	0	900	900	0
11/30/2023 11:48	54001 SDLE_T1	9	9	0	1.19	1.21	0.02	0	0	0	0	0	0	0	0
11/30/2023 11:48	64101 REFR_T1	2	1	-1	0.1	0.2	0.1	0.17	0.15	0	0	0	0	0	0
11/30/2023 11:49	54001 SDLE_T1	9	9	0	1.19	1.21	0.02	0	0	0	0	0	0	0	0
11/30/2023 11:49	59101 WALK_T2	1	1	0	0	0	0	2.07	1.82	1	1	0	450	450	0
11/30/2023 11:49	67605 WARW_T1	13	18	5	0.26	0.38	0.12	-1.4	-1.43	0	0	0	0	0	0
11/30/2023 11:49	56501 ROCK_T2	1	3	2	0.6	0.2	-0.4	0	0	0	0	0	0	0	0
11/30/2023 11:49	52501 PROG_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/30/2023 11:50	54001 SDLE_T1	9	9	0	1.19	1.21	0.02	0	0	0	0	0	0	0	0
11/30/2023 11:50	64101 REFR_T1	2	1	-1	0.1	0.2	0.1	0.35	0.31	0	0	0	0	0	0
11/30/2023 11:50	43301 WATS_T2	0	0	0	0	0	0	-1.04	0.82	2	0	-2	1800	0	-1800
11/30/2023 11:50	43301 WATS_T2	0	0	0	0	0	0	-1.04	0.82	2	0	-2	1800	0	-1800
11/30/2023 11:51	59101 WALK_T2	1	1	0	0	0	0	2.07	1.82	1	1	0	450	450	0
11/30/2023 11:51	43304 WATS_T2	0	0	0	0	0	0	-0.46	-0.55	0	0	0	0	0	0
11/30/2023 11:51	43304 WATS_T2	0	0	0	0	0	0	-0.46	-0.55	0	0	0	0	0	0
11/30/2023 11:52	43304 WATS_T2	0	0	0	0	0	0	-0.21	-0.28	0	0	0	0	0	0
11/30/2023 11:53	54502 ENOL_T2	0	0	0	0	0	0	-2.01	-2.01	1	1	0	600	600	0
11/30/2023 11:53	43304 WATS_T2	0	0	0	0	0	0	-0.23	-0.28	0	0	0	0	0	0
11/30/2023 11:53	60101 COCA_T1	2	0	-2	0.1	0	-0.1	0.46	0.39	0	0	0	0	0	0
11/30/2023 11:53	20403 ASHF_T2	0	3	3	0	0.23	0.23	1.35	1.38	0	0	0	0	0	0
11/30/2023 11:54	41504 FAIR_T2	0	1	1	0	0	0	0	0	0	0	0	0	0	0
11/30/2023 11:55	22101 EDEL_T2	1	1	0	0.5	0.5	0	0.45	0.43	1	1	0	1200	1200	0
11/30/2023 11:55	46801 HEPB_T2	2	2	0	0.2	0.15	-0.05	0.63	0.67	0	0	0	0	0	0
11/30/2023 11:55	54505 ENOL_T2	1	1	0	0.8	1	0.2	0	0	0	0	0	0	0	0
11/30/2023 11:55	64305 LINC_T1	0	1	1	0	0.1	0.1	0	0	0	0	0	0	0	0
11/30/2023 11:56	63404 HONY_T1	2	12	10	7.4	1.49	-5.91	0	0	0	0	0	0	0	0
11/30/2023 11:56	54501 ENOL_T2	0	1	1	0	0	0	0.14	0.15	0	0	0	0	0	0
11/30/2023 11:56	54505 ENOL_T2	1	1	0	0.8	1	0.2	0	0	0	0	0	0	0	0
11/30/2023 11:56	64201 KINZ_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/30/2023 11:57	54503 ENOL_T2	0	0	0	0	0	0	-0.38	-0.36	1	1	0	600	600	0
11/30/2023 11:59	54206 PENN_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/30/2023 12:00	64902 MILL_T2	0	0	0	0	0	0	0.25	0.23	0	0	0	0	0	0
11/30/2023 12:02	56501 ROCK_T2	1	2	1	0.7	0.2	-0.5	-1.61	-1.7	0	0	0	0	0	0
11/30/2023 12:02	13901 SEID_T1	0	0	0	0	0	0	0.17	0.18	0	0	0	0	0	0
11/30/2023 12:02	64101 REFR_T1	1	2	1	0.2	0.2	0	0.15	0.15	0	0	0	0	0	0
11/30/2023 12:03	59102 WALK_T2	1	2	1	0.2	0.25	0.05	0	0	0	0	0	0	0	0
11/30/2023 12:03	56504 ROCK_T2	0	1	1	0	0	0	0	0	0	0	0	0	0	0
11/30/2023 12:03	64101 REFR_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/30/2023 12:03	42201 SHEN_T2	0	1	1	0	0.3	0.3	0.12	0.12	1	1	0	600	600	0
11/30/2023 12:04	59102 WALK_T2	1	2	1	0.2	0.25	0.05	0	0	0	0	0	0	0	0
11/30/2023 12:04	64101 REFR_T1	1	2	1	0.2	0.2	0	0.31	0.31	0	0	0	0	0	0
11/30/2023 12:04	59102 WALK_T2	1	2	1	0.2	0.25	0.05	0	0	0	0	0	0	0	0
11/30/2023 12:05	42201 SHEN_T2	0	1	1	0	0.3	0.3	0	0	0	0	0	0	0	0
11/30/2023 12:05	64101 REFR_T1	1	2	1	0.2	0.2	0	0.15	0.15	0	0	0	0	0	0
11/30/2023 12:05	59101 WALK_T2	2	1	-1	2.3	0	-2.3	1.82	1.84	1	1	0	450	450	0
11/30/2023 12:08	22103 EDEL_T2	1	0	-1	0.6	0	-0.6	0	0	0	0	0	0	0	0
11/30/2023 12:08	56504 ROCK_T2	0	1	1	0	0	0	0	0	0	0	0	0	0	0
11/30/2023 12:08	60101 COCA_T1	0	0	0	0	0	0	0.39	0.38	0	0	0	0	0	0
11/30/2023 12:10	46801 HEPB_T2	2	0	-2	0.15	0	-0.15	0.67	0.68	0	0	0	0	0	0
11/30/2023 12:12	46903 MNTG_T2	31	3	-28	0.15	0.23	0.08	-0.03	-0.04	1	1	0	600	600	0
11/30/2023 12:12	56802 BENV_T2	29	48	19	0.24	0.22	-0.02	-1.21	-1.25	0	0	0	0	0	0
11/30/2023 12:13	46901 MNTG_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/30/2023 12:16	64101 REFR_T1	0	4	4	0	0.2	0.2	0.15	0.14	0	0	0	0	0	0
11/30/2023 12:17	58302 NOTT_T1	0	0	0	0	0	0	-0.37	-0.37	1	1	0	1200	1200	0
11/30/2023 12:21	46203 DANV_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/30/2023 12:22	43001 ALWD_T1	0	4	4	0	0.13	0.13	0	0	0	0	0	0	0	0
11/30/2023 12:23	46206 DANV_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/30/2023 12:24	46203 DANV_T2	0	0	0	0	0	0	0.05	0	0	0	0	0	0	0
11/30/2023 12:25	46206 DANV_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/30/2023 12:27	45003 LIME_2	1	1	0	3.6	4	0.4	0	0	1	1	0	1200	1200	0
11/30/2023 12:27	59003 MIFF_T1	0	0	0	0	0	0	-1.16	-0.4	0	0	0	0	0	0
11/30/2023 12:28	50506 MECH_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/30/2023 12:28	59003 MIFF_T1	0	0	0	0	0	0	-1.16	-0.4	0	0	0	0	0	0
11/30/2023 12:29	54206 PENN_T2	0	1	1	0	0.2	0.2	0	0	0	0	0	0	0	0
11/30/2023 12:29	59003 MIFF_T1	0	0	0	0	0	0	-1.16	-0.4	0	0	0	0	0	0
11/30/2023 12:29	50506 MECH_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/30/2023 12:29	46203 DANV_T2	0	0	0	0	0	0	0	-0.02	0	0	0	0	0	0
11/30/2023 12:30	59302 MCAL_T1	2	0	-2	0.15	0	-0.15	0	0	0	0	0	0	0	0
11/30/2023 12:30	45001 LIME_2	1	0	-1	0.1	0	-0.1	0	0	0	0	0	0	0	0
11/30/2023 12:30	56501 ROCK_T2	1	2	1	0.2	0.2	0	-1.59	-1.76	0	0	0	0	0	0
11/30/2023 12:31	59003 MIFF_T1	0	0	0	0	0	0	-1.16	-0.4	0	0	0	0	0	0
11/30/2023 12:32	56501 ROCK_T2	1	2	1	0.2	0.2	0	-0.8	-0.88	0	0	0	0	0	0
11/30/2023 12:32	50506 MECH_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/30/2023 12:33	56501 ROCK_T2	1	2	1	0.2	0.2	0	-1.59	-1.76	0	0	0	0	0	0
11/30/2023 12:33	43001 ALWD_T1	3	3	0	0.13	0.1	-0.03	0	0	0	0	0	0	0	0
11/30/2023 12:33	46203 DANV_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/30/2023 12:41	65002 NEFF_T2	0	1	1	0	0.1	0.1	0	0	0	0	0	0	0	0
11/30/2023 12:44	64201 KINZ_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/30/2023 12:45	50503 MECH_T1	3	3	0	0.23	0.13	-0.1	0	0	0	0	0	0	0	0
11/30/2023 12:45	65003 NEFF_T2	7	7	0	0.37	0.37	0	0	0	0	0	0	0	0	0
11/30/2023 12:53	67605 WARW_T1	23	50	27	0.43	0.4	-0.03	-1.44	-1.44	0	0	0	0	0	0
11/30/2023 13:02	64101 REFR_T1	0	2	2	0	0.35	0.35	0.09	0.1	0	0	0	0	0	0
11/30/2023 13:04	64101 REFR_T1	0	2	2	0	0.35	0.35	0.09	0.1	0	0	0	0	0	0
11/30/2023 13:06	14802 TREI_T2	1	1	0	0.3	0.3	0	0	0	0	0	0	0	0	0
11/30/2023 13:06	59102 WALK_T2	0	5	5	0	0.22	0.22	0	0	0	0	0	0	0	0
11/30/2023 13:07	59102 WALK_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/30/2023 13:08	54505 ENOL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/30/2023 13:09	54502 ENOL_T2	1	1	0	0.1	0.4	0.3	0	0	0	0	0	0	0	0
11/30/2023 13:11	54502 ENOL_T2	1	1	0	0.1	0.4	0.3	0	0	0	0	0	0	0	0
11/30/2023 13:17	59102 WALK_T2	5	2	-3	0.22	0.15	-0.07	0	0	0	0	0	0	0	0
11/30/2023 13:17	64101 REFR_T1	2	2	0	0.15	0.3	0.15	0.1	0.05	0	0	0	0	0	0
11/30/2023 13:18	59102 WALK_T2	5	2	-3	0.22	0.15	-0.07	0	0	0	0	0	0	0	0
11/30/2023 13:20	64902 MILL_T2	0	0	0	0	0	0	0.2	0.17	0	0	0	0	0	0
11/30/2023 13:21	64101 REFR_T1	2	2	0	0.15	0.3	0.15	0.1	0.05	0	0	0	0	0	0
11/30/2023 13:24	54501 ENOL_T2	0	2	2	0	0.1	0.1	0	0	0	0	0	0	0	0
11/30/2023 13:27	48901 FOSP_T2	0	0	0	0	0	0	-0.06	-0.14	2	2	0	1200	1200	0
11/30/2023 13:28	54505 ENOL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/30/2023 13:45	66901 SHIL_T2	4	3	-1	0.2	0.2	0	-1.6	-1.61	1	1	0	1200	1200	0
11/30/2023 13:45	40602 PIGR_T1	0	1	1	0	0.2	0.2	0	0	0	0	0	0	0	0
11/30/2023 13:49	15103 UPHA_T2	2	3	1	0.2	0.43	0.23	0.36	0.37	0	0	0	0	0	0
11/30/2023 13:52	61303 EARL_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/30/2023 13:

11/30/2023 14:20	59101 WALK_T2	1	1	0	0	0	0	1.96	2.03	1	1	0	600	600	0
11/30/2023 14:21	67502 WEWI_T2	1	2	1	0.4	0.6	0.2	-0.33	-0.29	0	0	0	0	0	0
11/30/2023 14:22	46203 DANV_T2	0	1	1	0	0.1	0.1	-0.05	-0.03	0	0	0	0	0	0
11/30/2023 14:22	28604 BLYT_T2	0	0	0	0	0	0	-1.51	-1.53	0	0	0	0	0	0
11/30/2023 14:23	67503 WEWI_T2	0	0	0	0	0	0	-0.35	-0.34	0	0	0	0	0	0
11/30/2023 14:23	43001 ALWD_T1	7	11	4	0.17	0.21	0.04	0	0	0	0	0	0	0	0
11/30/2023 14:24	56501 ROCK_T2	1	5	4	0.2	0.28	0.08	0	0	0	0	0	0	0	0
11/30/2023 14:24	52402 GRPA_T2	9	26	17	0.87	0.53	-0.34	0	0	0	0	0	0	0	0
11/30/2023 14:24	52401 GRPA_T2	1	2	1	0.5	0.4	-0.1	-0.47	-0.45	0	0	0	0	0	0
11/30/2023 14:24	52404 GRPA_T2	1	1	0	0.3	0.4	0.1	0.67	0.63	0	0	0	0	0	0
11/30/2023 14:24	61303 EARL_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/30/2023 14:25	26401 INOR_T1	1	0	-1	0.2	0	-0.2	0	0	0	0	0	0	0	0
11/30/2023 14:26	63401 HONY_T1	0	0	0	0	0	0	0.92	0.92	0	0	0	0	0	0
11/30/2023 14:26	28403 HART_T2	0	0	0	0	0	0	-1.03	-1.06	1	1	0	900	900	0
11/30/2023 14:27	54501 ENOL_T2	0	4	4	0	0.15	0.15	0	0	0	0	0	0	0	0
11/30/2023 14:27	64204 KINZ_T1	1	1	0	0.8	0.6	-0.2	0	0	0	0	0	0	0	0
11/30/2023 14:27	54505 ENOL_T2	1	1	0	1	1.2	0.2	0	0	0	0	0	0	0	0
11/30/2023 14:27	52402 GRPA_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/30/2023 14:28	52403 GRPA_T2	0	2	2	0	0.2	0.2	0.03	0.05	0	0	0	0	0	0
11/30/2023 14:28	52401 GRPA_T2	1	2	1	0.5	0.4	-0.1	0	0	0	0	0	0	0	0
11/30/2023 14:28	52004 LING_T2	3	1	-2	0.2	0.2	0	0.19	0.21	0	0	0	0	0	0
11/30/2023 14:29	52401 GRPA_T2	1	2	1	0.5	0.4	-0.1	0	0	0	0	0	0	0	0
11/30/2023 14:30	64301 LINC_T1	0	0	0	0	0	0	0	0.04	1	1	0	600	600	0
11/30/2023 14:30	55002 NEWP_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/30/2023 14:31	57401 SPAN_T1	26	46	20	0.23	0.2	-0.03	-0.88	-0.93	1	1	0	600	600	0
11/30/2023 14:31	57403 SPAN_T1	122	126	4	0.29	0.33	0.04	0	0	0	0	0	0	0	0
11/30/2023 14:31	55002 NEWP_T1	7	9	2	0.77	0.7	-0.07	-0.23	-0.24	0	0	0	0	0	0
11/30/2023 14:32	46601 PIGR_T1	217	190	-27	0.38	0.32	-0.06	0	0	0	0	0	0	0	0
11/30/2023 14:32	43304 WATS_T2	0	0	0	0	0	0	-0.29	-0.28	0	0	0	0	0	0
11/30/2023 14:32	55002 NEWP_T1	7	9	2	0.77	0.7	-0.07	-0.23	-0.24	0	0	0	0	0	0
11/30/2023 14:32	57403 SPAN_T1	122	126	4	0.29	0.33	0.04	0.04	0.05	0	0	0	0	0	0
11/30/2023 14:33	56504 ROCK_T2	2	1	-1	0.15	0.2	0.05	0	0	0	0	0	0	0	0
11/30/2023 14:33	57403 SPAN_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/30/2023 14:33	43304 WATS_T2	0	0	0	0	0	0	-0.29	-0.28	0	0	0	0	0	0
11/30/2023 14:34	57401 SPAN_T1	26	46	20	0.23	0.2	-0.03	-0.88	-0.93	1	1	0	600	600	0
11/30/2023 14:34	43304 WATS_T2	0	0	0	0	0	0	-0.59	-0.56	0	0	0	0	0	0
11/30/2023 14:34	67401 WAKE_T2	0	0	0	0	0	0	-1.13	-1.18	0	0	0	0	0	0
11/30/2023 14:35	43301 WATS_T2	0	0	0	0	0	0	0.34	0.38	0	0	0	0	0	0
11/30/2023 14:35	10805 CHHI_T2	8	7	-1	2.69	7.7	5.01	-0.9	-0.97	1	1	0	600	600	0
11/30/2023 14:35	57403 SPAN_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/30/2023 14:35	42801 SELI_T1	1	1	0	0	0	0	0	0	0	0	0	0	0	0
11/30/2023 14:35	43301 WATS_T2	0	0	0	0	0	0	0.34	0.38	0	0	0	0	0	0
11/30/2023 14:35	67502 WEWI_T2	2	2	0	0.6	0.45	-0.15	-0.29	-0.35	0	0	0	0	0	0
11/30/2023 14:35	46004 BERW_T2	0	0	0	0	0	0	-0.57	-0.59	0	0	0	0	0	0
11/30/2023 14:36	60902 DONG_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/30/2023 14:36	42802 SELI_T1	1	1	0	0.4	0.4	0	-2.09	-2.09	1	1	0	900	900	0
11/30/2023 14:36	67502 WEWI_T2	2	2	0	0.6	0.45	-0.15	-0.29	-0.35	0	0	0	0	0	0
11/30/2023 14:36	59101 WALK_T2	1	1	0	0	0	0	2.03	1.74	1	1	0	600	600	0
11/30/2023 14:36	43304 WATS_T2	0	0	0	0	0	0	-0.29	-0.28	0	0	0	0	0	0
11/30/2023 14:37	17401 FOHI_T1	0	0	0	0	0	0	-1.04	-1.02	0	0	0	0	0	0
11/30/2023 14:37	61301 EARL_T1	0	0	0	0	0	0	-0.42	-0.49	1	1	0	900	900	0
11/30/2023 14:37	67502 WEWI_T2	2	2	0	0.6	0.45	-0.15	0	0	0	0	0	0	0	0
11/30/2023 14:37	46203 DANV_T2	0	1	1	0	0.1	0.1	-0.03	-0.08	0	0	0	0	0	0
11/30/2023 14:38	54501 ENOL_T2	0	4	4	0	0.15	0.15	0	0	0	0	0	0	0	0
11/30/2023 14:38	54505 ENOL_T2	1	1	0	1.2	1.3	0.1	0	0	0	0	0	0	0	0
11/30/2023 14:38	54505 ENOL_T2	1	1	0	1.2	1.3	0.1	0	0	0	0	0	0	0	0
11/30/2023 14:38	57401 SPAN_T1	26	46	20	0.23	0.2	-0.03	-0.88	-0.93	1	1	0	600	600	0
11/30/2023 14:38	17805 GILB_T2	0	0	0	0	0	0	-0.01	-0.03	0	0	0	0	0	0
11/30/2023 14:38	46203 DANV_T2	0	1	1	0	0.1	0.1	0	0	0	0	0	0	0	0
11/30/2023 14:39	45702 LIND_T2	1	1	0	1.6	1.8	0.2	-0.48	-0.46	0	0	0	0	0	0
11/30/2023 14:40	54501 ENOL_T2	0	4	4	0	0.15	0.15	0	0	0	0	0	0	0	0
11/30/2023 14:40	17805 GILB_T2	0	0	0	0	0	0	-0.01	-0.03	0	0	0	0	0	0
11/30/2023 14:41	52004 LING_T2	1	1	0	0.2	0.2	0	0.21	0.21	0	0	0	0	0	0
11/30/2023 14:42	63401 HONY_T1	0	0	0	0	0	0	0.92	0.91	0	0	0	0	0	0
11/30/2023 14:42	28403 HART_T2	0	0	0	0	0	0	-1.06	-1.05	1	1	0	900	900	0
11/30/2023 14:42	26401 INOR_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/30/2023 14:43	52401 GRPA_T2	2	1	-1	0.35	0.8	0.45	0	0	0	0	0	0	0	0
11/30/2023 14:43	64204 KINZ_T1	0	1	1	0	0.6	0.6	0	0	0	0	0	0	0	0
11/30/2023 14:44	46903 MNTG_T2	0	128	128	0	0.21	0.21	0.01	-0.04	1	1	0	600	600	0
11/30/2023 14:44	52002 LING_T2	1	1	0	1.4	1.5	0.1	-0.25	-0.28	0	0	0	0	0	0
11/30/2023 14:44	52404 GRPA_T2	1	1	0	0.3	0.4	0.1	0	0	0	0	0	0	0	0
11/30/2023 14:45	47401 PENS_T1	0	0	0	0	0	0	0.71	0.77	0	0	0	0	0	0
11/30/2023 14:46	47403 PENS_T1	1	1	0	2	1.7	-0.3	0	0	0	0	0	0	0	0
11/30/2023 14:46	64101 REFR_T1	1	0	-1	0.1	0	-0.1	0.1	0.15	0	0	0	0	0	0
11/30/2023 14:46	46901 MNTG_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/30/2023 14:46	55002 NEWP_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/30/2023 14:47	55002 NEWP_T1	9	6	-3	0.66	0.68	0.02	-0.24	-0.23	0	0	0	0	0	0
11/30/2023 14:47	57403 SPAN_T1	126	122	-4	0.3	0.31	0.01	0	0	0	0	0	0	0	0
11/30/2023 14:47	57403 SPAN_T1	126	122	-4	0.3	0.31	0.01	0	0	0	0	0	0	0	0
11/30/2023 14:48	40602 PIGR_T1	1	1	0	0.1	0.1	0	0	0	0	0	0	0	0	0
11/30/2023 14:48	57401 SPAN_T1	14	47	33	0.26	0.21	-0.05	0	0	0	0	0	0	0	0
11/30/2023 14:49	57403 SPAN_T1	126	122	-4	0.3	0.31	0.01	0	0	0	0	0	0	0	0
11/30/2023 14:49	67503 WEWI_T2	0	0	0	0	0	0	-0.37	-0.35	0	0	0	0	0	0
11/30/2023 14:49	56501 ROCK_T2	5	5	0	0.26	0.24	-0.02	-0.95	-0.97	0	0	0	0	0	0
11/30/2023 14:49	57403 SPAN_T1	126	122	-4	0.3	0.31	0.01	0	0	0	0	0	0	0	0
11/30/2023 14:49	67401 WAKE_T2	0	0	0	0	0	0	-1.18	-1.23	0	0	0	0	0	0
11/30/2023 14:50	67503 WEWI_T2	0	0	0	0	0	0	-0.37	-0.35	0	0	0	0	0	0
11/30/2023 14:50	57403 SPAN_T1	126	122	-4	0.3	0.31	0.01	0.05	0.04	0	0	0	0	0	0
11/30/2023 14:51	67503 WEWI_T2	0	0	0	0	0	0	-0.37	-0.35	0	0	0	0	0	0
11/30/2023 14:51	60901 DONG_T2	1	0	-1	0.4	0	-0.4	0	0	0	0	0	0	0	0
11/30/2023 14:53	60901 DONG_T2	1	0	-1	0.4	0	-0.4	0	0	0	0	0	0	0	0
11/30/2023 14:57	26401 INOR_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/30/2023 15:00	47403 PENS_T1	1	1	0	1.6	1.7	0.1	0	0	0	0	0	0	0	0
11/30/2023 15:01	47403 PENS_T1	1	1	0	1.6	1.7	0.1	0	0	0	0	0	0	0	0
11/30/2023 15:02	47401 PENS_T1	0	0	0	0	0	0	0.77	0.72	0	0	0	0	0	0
11/30/2023 15:02	54701 NEBL_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/30/2023 15:03	54206 PENN_T2	1	0	-1	0.1	0	-0.1	0	0	0	0	0	0	0	0
11/30/2023 15:04	54502 ENOL_T2	1	1	0	0.5	0.3	-0.2	-2.06	-2.07	1	1	0	600	600	0
11/30/2023 15:05	46001 BERW_T1	0	0	0	0	0	0	1.08	1.07	0	0	0	0	0	0
11/30/2023 15:06	61303 EARL_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/30/2023 15:06	42503 ALTA_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/30/2023 15:08	46004 BERW_T2	0	0	0	0	0	0	-0.59	-0.65	0	0	0	0	0	0
11/30/2023 15:09	52404 GRPA_T2	1	1	0	0.2	0.9	0.7	0	0	0	0	0	0	0	0
11/30/2023 15:09	54502 ENOL_T2	1	1	0	0.5	0.3	-0.2	0	0	0	0	0	0	0	0
11/30/2023 15:09	46001 BERW_T1	0	0	0	0	0	0	1.08	1.07	0	0	0	0	0	0
11/30/2023 15:10	46802 HEPB_T1	14	44	30	0.27	0.19	-0.08	-1.25	-1.24	0	0	0	0	0	0
11/30/2023 15:10	54505 ENOL_T2	1	1	0	1.3	1.2	-0.1	-1.37	-1.36	1	1	0	600	600	0
11/30/2023 15:11	54504 ENOL_T2	0	0	0	0	0	0	-1.13	-1.11	1	1	0	600	600	0
11/30/2023 15:13	52403 GRPA_T2	0	2	2	0	0.15	0.15	0.06	0.05	0	0	0	0	0	0
11/30/2023 15:15	42201 SHEN_T2	0	0	0	0	0	0	0.17	0.18	1	1	0	600	600	0
11/30/2023 15:25	52402 GRPA_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/30/2023 15:44	26401 INOR_T1	0	1	1	0	0.2	0.2	0	0	0	0	0	0	0	0
11/30/2023 15:47	57403 SPAN_T1	30	35	5	0.29	0.27	-0.02	0	0	0	0	0	0	0	0
11/30/2023 16:00	57401 SPAN_T1	45	6	-39	0.21	0.43	0.22	-1.05	-1.09	1	1	0	600	600	0
11/30/2023 16:14	17805 GILB_T2	0	0	0	0	0	0	0.03	0.05	0	0	0	0	0	0
11/30/2023 16:21	59101 WALK_T2	1	1	0	0	0	0	2.04	1.52	0	0	0	0	0	0
11/30/2023 16:25	25402 LAHA_T2	0	0	0	0	0	0	-0.77	-0.78	0	0	0	0	0	0
11/30/2023 16:28	52402 GRPA_T2	4	4	0	1.25	0.83	-0.42	0	0	0	0	0	0	0	0
11/30/2023 16:33	54502 ENOL_T2	0	0	0	0	0	0	-2.02	-2	1	1	0	600	600	0
11/30/2023 16:43	48302 ORWI_T2	2	7	5	0.85	0.7	-0.15	0.09	0.15	0	0	0	0	0	0
11/30/2023 16:45	12203 FOGE_T2	36	38	2	0.22	0.31	0.09	0	0	0	0	0	0	0	0
11/30/2023 17:15	60803 BUCK_T1	0	0	0	0	0	0	-1.48	-1.44	1	1	0	600	600	0
11/30/2023 17:17	46903 MNTG_T2	0	0	0	0	0	0	-0.28	-0.27	1	1	0	600	600	0
11/30/2023 17:39	53601 DALM_T2	0	0	0	0	0	0	-0.22	-0.18	1	1	0	900	900	0
11/30/2023 17:43	52404 GRPA_T2	0	1	1	0	0.2	0.2	0	0	0	0	0	0	0	0
11/30/2023 18:29	26402 INOR_T1	1	1	0	0.1	0	-0.1	0	0	0	0	0	0	0	0
11/30/2023 18:32	10805 CHHI_T2	7	8	1	2.3	2.44	0.14	-1.51	-1.5	1	1	0	600	600	0
11/30/2023 18:33	13302 ORVI_T2	0	1	0	0	0	0	0	0	0	0	0	0	0	0
11/30/2023 18:33	42203 SHEN_T2	0	0	0	0	0	0	0.07	0.04	0	0	0	0	0	0
11/30/2023 18:33	41502 FAIR_T2	0	0	0	0	0	0	-0.6	-0.6	0	0	0	0	0	0
11/30/2023 18:33	16301 ALPA_T1	0	0	0	0	0	0	-0.38	-0.42	0	0	0	0	0	0
11/30/2023 18:33	27101 GFLD_T2	0	0	0	0	0	0	0.33	0.33	0	0	0	0	0	0
11/30/2023 18:34	22101 EDEL_T2	0	0	0	0	0	0	0.49	0.48	1	1	0	1200	1200	0
11/30/2023 18:34	29402 BELT_T1	2	2	0	4.25	4.95	0.7	0	0	0	0	0	0	0	0
11/30/2023 18:36	16302 ALPA_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/30/2023 18:36	13302 ORVI_T2	114	173	59	0.21	0.22	0.01	0.69	0.71	0	0	0	0	0	0
11/30/2023 18:37	25402 LAHA_T2	0	0	0	0	0	0	-0.75	-0.75	0	0	0	0	0	0
11/30/2023 18:37	29402 BELT_T1	2	2	0	4.25	4.95	0.7	0	0	0	0	0	0	0	0
11/30/2023 18:37	17805 GILB_T2	0	0	0	0	0	0	0.12	0.13	0	0	0	0	0	0
11/30/2023 18:37	14802 TREI_T2	3	5	2	0.8	0.85	0.05	0.45	0.49	0	0	0	0	0	0
11/30/2023 18:37	26401 INOR_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/30/2023 18:37	24902 WHHA_T1	1	1	0	0.2	0	-0.2	0.63	0.63	0	0	0	0	0	0
11/30/2023 18:37	44601 SALE_T2	0	0	0	0	0	0	0.06	0.01	0	0	0	0	0	0
11/30/2023 18:38	28403 HART_T2	0	0	0	0	0	0	-0.83	-0.82	1	1	0	900	900	0
11/30/2023 18:38	42201 SHEN_T2	0	0	0	0	0	0	0.11	0.08	1	1	0	600	600	0
11/30/2023 18:39	45902 AUBU_T1	0	0	0	0	0	0	-0.91	-0.89	1	1	0	600	600	0
11/30/2023 18:39	49804 UNIV_T1	0	3	3	0	0	0	0	0	0	0	0	0	0	0
11/30/2023 18:39	39601 LNFD_T1	4	12	8	0.88	0.72	-0.16	0	0	1	1	0	900	900	0
11/30/2023 18:39	16301 ALPA_T1	0	0	0	0	0	0	-0.38	-0.42	0	0	0	0	0	0
11/30/2023 18:39	16302 ALPA_T2	0	0	0	0	0	0	-0.65	-0.69	0	0	0	0	0	0
11/30/2023 18:39	47001 HUGH_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/30/2023 18:39	46203 DANV_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/30/2023 18:40	64203 KINZ_T1	0	0	0	0	0	0	-0.49	-0.59	1	1	0	600	600	0
11/30/2023 18:40	47001 HUGH_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/30/2023 18:40	46903 MNTG_T2	0	0	0	0	0	0	-0.26	-0.29	1	1	0	600	600	0
11/30/2023 18:40	57401 SPAN_T1	0	0	0	0	0	0	-0.73	-0.63	1	1	0	600	600	0
11/30/2023 18:40	61303 EARL_T1	0	0	0	0	0	0	0.12	0.14	0	0	0	0	0	0
11/30/2023 18:41	45902 AUBU_T1	0	0	0	0	0	0	-0.89	-0.91	1	1	0	600	600	0
11/30/2023 18:41	67503 WEWI_T2	0	0	0	0	0	0	-0.27	-0.2	0	0	0	0	0	0
11/30/2023 18:42	67001 STHE_T2	159	288	129	0.11	0.14	0.03	0	0	0	0	0	0	0	0
11/30/2023 18:42	57401 SPAN_T1	0	0	0	0	0	0	-0.63	-0.65	1	1	0	600	600	0
11/30/2023 18:42	67502 WEWI_T2	0	0	0	0	0	0	-1.4	-1.37	1	1	0	900	900	0
11/30/2023 18:42	10705 CATA_T2	0	0	0	0	0	0	-0.94	-0.92	1	1	0	900	900	0
11/30/2023 18:42	67502 WEWI_T2	0	0	0	0	0	0	-1.4	-1.37	1	1	0	900	900	0
11/30/2023 18:42	42503 ALTA_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/30/2023 18:42	47401 PENS_T1	0	0	0	0	0	0	-0.43	-0.41	0	0	0	0	0	0
11/30/2023 18:42	64201 KINZ_T1	0	3	3	0	0.1	0.1	-0.91	-0.89	3	3	0	1500	1500	0
11/30/2023 18:42	52004 LING_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/30/2023 18:42	16302 ALPA_T2	0	0	0	0	0	0	-0.69	-0.64	0	0	0	0	0	0
11/30/2023 18:42	41602 CLEV_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/30/2023 18:43	62604 ENGL_T1	0	0	0	0	0	0	-0.68	-0.81	2	2	0	1200	1200	0
11/30/2023 18:43	41801 GOCI_T2	1	1	0	0.3	0.3	0	0	0	0	0	0	0	0	0
11/30/2023 18:43	53501 EVIL_T2	1	1	0	0.4	0.1	-0.3	-0.81	-0.85	1	1	0	600	600	0
11/30/2023 18:43	45902 AUBU_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/30/2023 18:43	52403 GRPA_T2	3	7	4	0.2	0.3	0.1	0	0	0	0	0	0	0	0
11/30/2023 18:43	65004 NEFF_T2	0	0	0	0	0	0	-0.47	-0.48	0	0	0	0	0	0
11/30/2023 18:43	54203 PENN_T1	18	18	0	0.31	0.41	0.1	0	0	0	0	0	0	0	0
11/30/2023 18:43	57401 SPAN_T1	0	0	0	0	0	0	-0.63	-0.65	1	1	0	600	600	0
11/30/2023 18:43	65901 SAKR_T2	1	1	0	9	8.8	-0.2	-1.46	-1.46	1	1	0	900	900	0
11/30/2023 18:43	64702 LITI_T2	0	0	0

11/30/2023 18:47	47403 PENS_T1	1	1	0	2.5	2.5	0	0	0	0	0	0	0	0
11/30/2023 18:47	59302 MCAL_T1	0	1	1	0	0.2	0.2	0	0	0	0	0	0	0
11/30/2023 18:47	42801 SELI_T1	1	1	0	0	0	0	0	0	0	0	0	0	0
11/30/2023 18:47	43304 WATS_T2	3	5	2	0.73	0.5	-0.23	0	0	0	0	0	0	0
11/30/2023 18:47	55002 NEWP_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
11/30/2023 18:47	46203 DANV_T2	0	0	0	0	0	0	0.04	0.04	0	0	0	0	0
11/30/2023 18:47	54501 ENOL_T2	0	0	0	0	0	0	-0.52	-0.54	1	1	0	600	600
11/30/2023 18:47	53601 DALM_T2	1	0	-1	0.9	0	-0.9	-0.98	-0.06	1	0	-1	900	0
11/30/2023 18:47	57403 SPAN_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
11/30/2023 18:47	42701 AUGU_T1	0	0	0	0	0	0	0	0	2	2	0	1800	1800
11/30/2023 18:47	56802 BENV_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
11/30/2023 18:47	56501 ROCK_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
11/30/2023 18:47	64101 REFR_T1	0	0	0	0	0	0	-0.1	-0.07	0	0	0	0	0
11/30/2023 18:48	43301 WATS_T2	0	1	1	0	0	0	0	0	0	0	0	0	0
11/30/2023 18:48	42701 AUGU_T1	0	0	0	0	0	0	0	0	2	2	0	1800	1800
11/30/2023 18:48	56802 BENV_T2	4	17	13	0.28	0.19	-0.09	-1.32	-1.28	0	0	0	0	0
11/30/2023 18:48	67503 WEWI_T2	0	1	1	0	0	0	0	0	0	0	0	0	0
11/30/2023 18:48	62604 ENGL_T1	0	0	0	0	0	0	-0.34	-0.4	1	1	0	600	600
11/30/2023 18:48	56501 ROCK_T2	1	1	0	0.7	0.4	-0.3	-0.88	-0.87	0	0	0	0	0
11/30/2023 18:48	60902 DONG_T2	0	0	0	0	0	0	0.49	0.47	0	0	0	0	0
11/30/2023 18:48	59202 THOM_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
11/30/2023 18:48	53501 EVIL_T2	1	1	0	0.1	0.3	0.2	-0.81	-0.85	1	1	0	600	600
11/30/2023 18:48	57401 SPAN_T1	0	0	0	0	0	0	-0.63	-0.65	1	1	0	600	600
11/30/2023 18:48	59101 WALK_T2	1	1	0	0	0	0	1.07	0.65	1	1	0	450	450
11/30/2023 18:49	59101 WALK_T2	1	1	0	0	0	0	1.07	0.65	1	1	0	450	450
11/30/2023 18:49	43402 BENT_T1	3	3	0	0.57	0.25	-0.32	-1.45	-1.49	2	2	0	1500	1500
11/30/2023 18:49	16301 ALPA_T1	0	0	0	0	0	0	-0.42	-0.43	0	0	0	0	0
11/30/2023 18:49	17805 GILB_T2	0	0	0	0	0	0	0.13	0.15	0	0	0	0	0
11/30/2023 18:49	54504 ENOL_T2	0	0	0	0	0	0	-1.03	-1.04	1	1	0	600	600
11/30/2023 18:49	56801 BENV_T1	15	19	4	0.47	0.74	0.27	-0.65	-0.67	1	1	0	600	600
11/30/2023 18:50	43301 WATS_T2	0	1	1	0	0	0	0.4	-0.54	0	0	0	0	0
11/30/2023 18:50	43302 WATS_T2	0	3	3	0	0.2	0.2	0	0	0	0	0	0	0
11/30/2023 18:50	43001 ALWD_T1	7	10	3	0.16	0.23	0.07	0	0	0	0	0	0	0
11/30/2023 18:50	55001 NEWP_T1	0	0	0	0	0	0	-0.64	-0.61	1	1	0	600	600
11/30/2023 18:50	29402 BELT_T1	2	2	0	4.7	4.05	-0.65	0	0	0	0	0	0	0
11/30/2023 18:51	13302 ORWI_T2	75	199	124	0.25	0.24	-0.01	0.71	0.67	0	0	0	0	0
11/30/2023 18:51	45702 LIND_T2	1	1	0	1	1.3	0.3	-0.41	-0.4	0	0	0	0	0
11/30/2023 18:51	43302 WATS_T2	0	3	3	0	0.2	0.2	0	0	0	0	0	0	0
11/30/2023 18:51	17804 GILB_T2	0	0	0	0	0	0	-0.49	-0.49	0	0	0	0	0
11/30/2023 18:51	43001 ALWD_T1	7	10	3	0.16	0.23	0.07	0	0	0	0	0	0	0
11/30/2023 18:51	46903 MNTG_T2	0	34	34	0	0.14	0.14	-0.29	-0.24	1	1	0	600	600
11/30/2023 18:51	46001 BERW_T1	0	0	0	0	0	0	1.03	1.02	0	0	0	0	0
11/30/2023 18:52	14801 TREI_T2	0	1	1	0	0	0	0	0	0	0	0	0	0
11/30/2023 18:52	47402 PENS_T1	98	114	16	1.16	1.51	0.35	0	0	0	0	0	0	0
11/30/2023 18:52	16301 ALPA_T1	0	0	0	0	0	0	-0.42	-0.43	0	0	0	0	0
11/30/2023 18:52	46901 MNTG_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
11/30/2023 18:52	12701 MACU_T1	3	0	-3	0.27	0	-0.27	0.11	0.11	0	0	0	0	0
11/30/2023 18:52	59101 WALK_T2	1	1	0	0	0	0	1.07	0.65	1	1	0	450	450
11/30/2023 18:52	55002 NEWP_T1	3	5	2	0.33	0.4	0.07	-0.2	-0.22	0	0	0	0	0
11/30/2023 18:52	50506 MECH_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
11/30/2023 18:53	15103 UPHA_T2	0	0	0	0	0	0	0.45	0.45	0	0	0	0	0
11/30/2023 18:53	49803 UNIV_T1	0	0	0	0	0	0	-1.04	-1.03	0	0	0	0	0
11/30/2023 18:53	20401 ASHF_T2	1	1	0	0.3	0	-0.3	0	0	0	0	0	0	0
11/30/2023 18:53	42201 SHEN_T2	0	0	0	0	0	0	0.08	0.08	1	1	0	600	600
11/30/2023 18:54	12701 MACU_T1	3	0	-3	0.27	0	-0.27	0.11	0.11	0	0	0	0	0
11/30/2023 18:54	43302 WATS_T2	0	3	3	0	0.2	0.2	0	0	0	0	0	0	0
11/30/2023 18:54	63401 HONY_T1	0	194	194	0	0	0	0.56	0.53	0	0	0	0	0
11/30/2023 18:54	56504 ROCK_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
11/30/2023 18:54	60902 DONG_T2	0	0	0	0	0	0	0.49	0.47	0	0	0	0	0
11/30/2023 18:54	45802 HEGI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
11/30/2023 18:54	52404 GRPA_T2	4	0	-4	0.45	0	-0.45	0	0	0	0	0	0	0
11/30/2023 18:54	55002 NEWP_T1	3	5	2	0.33	0.4	0.07	-0.2	-0.22	0	0	0	0	0
11/30/2023 18:54	46206 DANV_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
11/30/2023 18:54	16302 ALPA_T2	0	0	0	0	0	0	-0.69	-0.64	0	0	0	0	0
11/30/2023 18:54	42801 SELI_T1	1	1	0	0	0	0	0	0	0	0	0	0	0
11/30/2023 18:54	45902 AUBU_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
11/30/2023 18:54	42201 SHEN_T2	0	0	0	0	0	0	0.08	0.08	1	1	0	600	600
11/30/2023 18:54	45402 WBLO_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
11/30/2023 18:55	56501 ROCK_T2	1	1	0	0.7	0.4	-0.3	0	0	0	0	0	0	0
11/30/2023 18:55	54505 ENOL_T2	1	0	-1	0.2	0.3	0.1	-1.25	-1.26	1	1	0	600	600
11/30/2023 18:55	52402 GRPA_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
11/30/2023 18:55	43304 WATS_T2	3	5	2	0.73	0.5	-0.23	-0.34	-0.22	0	0	0	0	0
11/30/2023 18:55	67605 WARW_T1	0	0	0	0	0	0	-1.02	-1.04	0	0	0	0	0
11/30/2023 18:56	57403 SPAN_T1	0	0	0	0	0	0	0.08	0.09	0	0	0	0	0
11/30/2023 18:56	43304 WATS_T2	3	5	2	0.73	0.5	-0.23	-0.45	-0.36	0	0	0	0	0
11/30/2023 18:56	67503 WEWI_T2	0	1	1	0	0	0	-0.2	-0.21	0	0	0	0	0
11/30/2023 18:56	54001 SDLE_T1	2	3	1	0.8	0.77	-0.03	0	0	0	0	0	0	0
11/30/2023 18:56	41801 GOCI_T2	1	1	0	0.3	0.3	0	0	0	0	0	0	0	0
11/30/2023 18:56	57401 SPAN_T1	0	0	0	0	0	0	-0.65	-0.75	1	1	0	600	600
11/30/2023 18:56	54701 NEBL_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
11/30/2023 18:56	52006 LING_T2	1	1	0	0.1	0.1	0	0	0	0	0	0	0	0
11/30/2023 18:56	60201 ATGL_T2	0	0	0	0	0	0	0.11	0.03	1	1	0	300	300
11/30/2023 18:56	43301 WATS_T2	0	1	1	0	0	0	-0.54	-0.58	0	1	1	0	900
11/30/2023 18:56	67401 WAKE_T2	0	0	0	0	0	0	-1.14	-1.14	0	0	0	0	0
11/30/2023 18:56	54206 PENN_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
11/30/2023 18:56	56501 ROCK_T2	1	1	0	0.7	0.4	-0.3	-1.74	-1.55	0	0	0	0	0
11/30/2023 18:56	58302 NOTT_T1	0	0	0	0	0	0	-0.48	-0.42	1	1	0	1200	1200
11/30/2023 18:56	41901 REED_T1	11	11	0	0.89	0.87	-0.02	0	0	0	0	0	0	0
11/30/2023 18:56	61801 EEU_T2	0	0	0	0	0	0	-0.96	-0.96	1	1	0	600	600
11/30/2023 18:56	42102 FRAI_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
11/30/2023 18:57	64101 REFR_T1	0	0	0	0	0	0	-0.04	-0.03	0	0	0	0	0
11/30/2023 18:57	61303 EARL_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
11/30/2023 18:57	54001 SDLE_T1	2	3	1	0.8	0.77	-0.03	0	0	0	0	0	0	0
11/30/2023 18:57	46003 BERW_T2	16	9	-7	0.14	0.16	0.02	0	0	0	0	0	0	0
11/30/2023 18:57	52403 GRPA_T2	6	16	10	0.57	0.5	-0.07	0.03	0.05	0	0	0	0	0
11/30/2023 18:57	56801 BENV_T1	15	19	4	0.47	0.74	0.27	-0.67	-0.66	1	1	0	600	600
11/30/2023 18:57	12203 FOGE_T2	35	33	-2	0.25	0.25	0	0	0	0	0	0	0	0
11/30/2023 18:57	14401 SSLA_T1	0	6	6	0	0.12	0.12	0	0	0	0	0	0	0
11/30/2023 18:57	64801 MONE_T2	0	1	1	0	0	0	0	0	0	0	0	0	0
11/30/2023 18:57	40101 HUNT_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
11/30/2023 18:57	56802 BENV_T2	4	17	13	0.28	0.19	-0.09	-2.56	-2.62	0	0	0	0	0
11/30/2023 18:57	40201 BEGA_T2	1	1	0	0.3	0.1	-0.2	0	0	0	0	0	0	0
11/30/2023 18:57	54505 ENOL_T2	1	1	0	0.2	0.3	0.1	0	0	0	0	0	0	0
11/30/2023 18:58	53501 EVIL_T2	1	1	0	0.1	0.3	0.2	-0.85	-0.85	1	1	0	600	600
11/30/2023 18:58	54701 NEBL_T1	1	2	1	0.1	0.2	0.1	0	0	1	1	0	600	600
11/30/2023 18:58	56504 ROCK_T2	0	0	0	0	0	0	-0.27	-0.23	0	0	0	0	0
11/30/2023 18:58	56501 ROCK_T2	1	1	0	0.7	0.4	-0.3	-0.87	-0.78	0	0	0	0	0
11/30/2023 18:58	67001 STHI_T2	184	347	163	0.12	0.16	0.04	0	0	0	0	0	0	0
11/30/2023 18:58	45802 HEGI_T2	0	0	0	0	0	0	0.87	0.92	0	0	0	0	0
11/30/2023 18:58	59101 WALK_T2	1	1	0	0	0	0	0.65	1.09	1	1	0	450	450
11/30/2023 18:58	62604 ENGL_T1	0	0	0	0	0	0	-0.4	-0.37	1	1	0	600	600
11/30/2023 18:58	57403 SPAN_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
11/30/2023 18:58	67203 TEHI_T1	1	1	0	0.4	0.8	0.4	2.23	2.17	2	2	0	1500	1500
11/30/2023 18:58	41902 REED_T1	21	37	16	0.73	0.64	-0.09	1.07	1.07	0	0	0	0	0
11/30/2023 18:58	56802 BENV_T2	4	17	13	0.28	0.19	-0.09	-2.56	-2.62	0	0	0	0	0
11/30/2023 18:58	40201 BEGA_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
11/30/2023 18:59	64101 REFR_T1	0	0	0	0	0	0	-0.04	-0.03	0	0	0	0	0
11/30/2023 18:59	54206 PENN_T2	0	0	0	0	0	0	-0.03	-0.04	0	0	0	0	0
11/30/2023 18:59	56504 ROCK_T2	0	0	0	0	0	0	-0.27	-0.23	0	0	0	0	0
11/30/2023 18:59	52501 PROG_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
11/30/2023 18:59	54001 SDLE_T1	2	3	1	0.8	0.77	-0.03	0	0	0	0	0	0	0
11/30/2023 18:59	55105 WERT_T1	0	0	0	0	0	0	-0.51	-0.5	1	1	0	900	900
11/30/2023 19:00	40101 HUNT_T2	38	47	9	0.58	0.56	-0.02	-0.71	-0.7	0	0	0	0	0
11/30/2023 19:00	56802 BENV_T2	4	16	12	0.33	0.2	-0.13	-1.28	-1.31	0	0	0	0	0
11/30/2023 19:00	64101 REFR_T1	0	0	0	0	0	0	-0.04	-0.03	0	0	0	0	0
11/30/2023 19:00	57403 SPAN_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
11/30/2023 19:00	65902 SAKR_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
11/30/2023 19:00	53501 EVIL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
11/30/2023 19:01	54505 ENOL_T2	1	1	0	0.3	0.3	0	0	0	0	0	0	0	0
11/30/2023 19:01	54502 ENOL_T2	0	0	0	0	0	0	-1.95	-1.99	1	1	0	600	600
11/30/2023 19:01	66703 STRA_T1	0	0	0	0	0	0	-0.26	-0.25	0	0	0	0	0
11/30/2023 19:01	55002 NEWP_T1	5	5	0	0.34	0.4	0.06	0	0	0	0	0	0	0
11/30/2023 19:01	58402 MORO_T1	0	1	1	0	0	0	-0.92	-0.91	3	3	0	2400	2400
11/30/2023 19:02	54505 ENOL_T2	1	1	0	0.3	0.3	0	0	0	0	0	0	0	0
11/30/2023 19:02	53903 HALI_T2	2	2	0	0.6	0.7	0.1	-0.23	-0.23	0	0	0	0	0
11/30/2023 19:02	57401 SPAN_T1	0	0	0	0	0	0	-0.65	-0.75	1	1	0	600	600
11/30/2023 19:02	54001 SDLE_T1	2	3	1	1.1	0.73	-0.37	0	0	0	0	0	0	0
11/30/2023 19:02	57403 SPAN_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
11/30/2023 19:02	56802 BENV_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
11/30/2023 19:04	58402 MORO_T1	0	1	1	0	0	0	-0.92	-0.91	3	3	0	2400	2400
11/30/2023 19:05	45901 AUBU_T1	0	0	0	0	0	0	1.84	1.8	0	0	0	0	0
11/30/2023 19:05	54505 ENOL_T2	1	1	0	0.3	0.3	0	0	0	0	0	0	0	0
11/30/2023 19:05	56501 ROCK_T2	1	1	0	0.4	0.8	0.4	-0.87	-0.78	0	0	0	0	0
11/30/2023 19:06	46802 HEPB_T1	1	1	0	1.3	1	-0.3	0	0	0	0	0	0	0
11/30/2023 19:12	16302 ALPA_T2	0	0	0	0	0	0	-0.7	-0.68	0	0	0	0	0
11/30/2023 19:19	43402 BENT_T1	2	12	10	0.25	0.2	-0.05	-1.45	-1.46	2	2	0	1500	1500
11/30/2023 19:29	43402 BENT_T1	2	12	10	0.25	0.2	-0.05	-1.46	-1.42	2	2	0	1500	1500
11/30/2023 19:34	40101 HUNT_T2	34	57	23	0.67	0.44	-0.23	-0.71	-0.68	0	0	0	0	0
11/30/2023 19:52	54505 ENOL_T2	1	1	0	0.3	0.4	0.1	-1.25	-1.19	1	1	0	600	600
11/30/2023 19:52	65001 NEFF_T2	0	0	0	0	0	0	-0.84	-0.85	1	1	0	1200	1200
11/30/2023 19:54	40101 HUNT_T2	48	45	-3	0.55	0.39	-0.16	-0.68	-0.74	0	0	0	0	0
11/30/2023 20:06	54502 ENOL_T2	0	0	0	0	0	0	-1.93	-1.9	1	1	0	600	600
11/30/2023 20:19	43402 BENT_T1	3	1	-2	0.5	0	-0.5	-1.46	-1.46	2	2	0	1500	1500
11/30/2023 20:27	64101 REFR_T1	0	0	0	0	0	0	0	-0.05	0	0	0	0	0
11/30/2023 20:29	43402 BENT_T1	3	1	-2	0.5	0	-0.5	-1.46	-1.42	2	2	0	1500	1500
11/30/2023 20:41	46004 BERW_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
11/30/2023 21:19	43402 BENT_T1	0	1	1	0	0	0	-1.49	-0.82	2	1	-1	1500	900
11/30/2023 21:29	43402 BENT_T1	0	1	1	0	0	0	-0.82	-1.48	1	2	1	900	1500
11/30/2023 21:59	43402 BENT_T1	0	1	1	0	0	0	-0.92	-1.48	2	1	-1	1500	900
11/30/2023 22:09	64902 MILL_T2	0	0	0	0	0	0	-0.43	-0.44	0	0	0	0	0
11/30/2023 22:38	55002 NEWP_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
12/1/2023 0:28	54202 PENN_T2	0	0	0	0	0	0	0.5	0.49	0	0	0	0	0
12/1/2023 0:28	64301 LINC_T1	0	0	0	0	0	0	0.19	0.25	0	0	0	0	0
12/1/2023 0:28	45902 AUBU_T1	0	0	0	0	0	0	-0.8	-0.86	1	1	0	600	600
12/1/2023 0:28	52402 GRPA_T2	1	1	0	2.7	2.9	0.2	0	0	0	0	0	0	0
12/1/2023 0:28	62607 ENGL_T1	0	0	0	0	0	0	-1.15	-1.15	1	1	0	300	300
12/1/2023 0:28	67502 WEWI_T2	0	0	0	0	0	0	-1.56	-1.6	1	1	0	900	900
12/1/2023 0:28	27502 WEIS_T2	0	0	0	0	0	0	-0.79	-0.77	0	0	0	0	0
12/1/2023 0:28	56501 ROCK_T2	1	1	0	0.5	0.9	0.4	-0.86	-0.93	0	0	0	0	0
12/1/2023 0:28	52401 GRPA_T2	0	0	0	0	0	0	-0.51	-0.5	0	0	0	0	0
12/1/2023 0:28	59101 WALK_T2	1	1	0	0	0	0	0.89	0.99	1	1	0	450	450
12/1/2023 0:28	54001 SDLE_T1	1	4	3	0.8	0.45	-0.35	0	0	1	1	0	600	600
12/1/2023 0:28	40101 HUNT_T2	0	1	1	0	1.6	1.6	-0.45	-0.47	0	0	0	0	0
12/1/2023 0:28	40603 PIGR_T1	0	0	0	0	0	0	0.24	0.26	0	0	0	0	0
12/1/2023 0:28	62607 ENGL_T1	0	0	0	0	0	0	-1.15	-1.15	1	1	0	300	300
12/1/2023 0:28	20403 ASHF_T2	0	0	0	0	0	0	0.19	0.21	0	0	0	0	0
12/1/2023 0:28	29401 BELT_T1	0	0	0	0	0	0	0	0	2	2	0	1800	1800
12/1/2023 0:28	64101 REFR_T1	0	0	0	0	0	0	0.05	0.07	0	0	0	0	0
12/1/2023 0:28	54501 ENOL_T2	0	0	0	0	0	0	-0.5	-0.55	1	1	0	600	600
12/1/2023 0:28	52002 LING_T2	0	0	0	0	0	0	-0.28	-0.29	0	0	0	0	0
12/1/2023 0:28	56802 BENV_T2	0	0	0	0	0	0	-2.93	-2.91	0	0	0	0	0
12/1/2023 0:28	52502 PROG_T2	0	0	0	0	0	0	-0.6	-0.61	1	1	0	900	900
12/1/2023 0:28	64702 LITI_T2	0	0	0	0	0	0	-0.86	-0.8	0	0	0	0	0
12/1/2023 0:28	10801 CHNI_T1	0	0	0	0	0	0	-1.59	-1.56	2	2	0	1500	1500
12/1/2023 0:28	67002 STHI_T2	0	0	0	0	0	0	0.51	0.49	0	0	0	0	0
12/1/2023 0:28	24902 WHHA_T1	0	0	0	0	0	0	0.56	0.57	0	0	0	0	0
12/1/2023 0:28	41801 GOCI_T2	1	1	0	0.4	0.3	-0.1	0	0	0	0	0	0	0
12/1/2023 0:28	43201 MVIL_T2	0	0	0	0	0	0	-1.31	-1.32	0	0	0	0	0
12/1/2023 0:28	43304 WATS_T2	0	0	0	0	0	0

12/1/2023 9:00	56504 ROCK_T2	0	0	0	0	0	0	0.03	0.02	0	0	0	0	0	0
12/1/2023 9:00	52503 PROG_T2	0	0	0	0	0	0	-0.5	-0.52	1	1	0	900	900	0
12/1/2023 9:00	67503 WEWI_T2	0	0	0	0	0	0	0.01	-0.03	0	0	0	0	0	0
12/1/2023 9:00	53903 HALI_T2	2	2	0	0.8	0.9	0.1	-0.21	-0.2	0	0	0	0	0	0
12/1/2023 9:00	47101 MARL_T1	0	0	0	0	0	0	-0.68	-0.71	1	1	0	600	600	0
12/1/2023 9:00	46004 BERW_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/1/2023 9:01	59003 MIFF_T1	0	0	0	0	0	0	-0.26	-0.15	0	0	0	0	0	0
12/1/2023 9:07	43402 BENT_T1	2	0	-2	0.35	0	-0.35	-0.82	-0.84	1	1	0	900	900	0
12/1/2023 9:16	40101 HUNT_T2	133	196	63	0.48	0.44	-0.04	-0.34	-0.36	0	0	0	0	0	0
12/1/2023 9:17	54701 NEBL_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/1/2023 9:19	54205 PENN_T1	0	6	6	0	0.1	0.1	0	0	0	0	0	0	0	0
12/1/2023 9:19	54701 NEBL_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/1/2023 9:22	29401 BELT_T1	2	0	-2	0.1	0	-0.1	0	0	0	0	0	0	0	0
12/1/2023 9:22	45902 AUBU_T1	2	0	-2	0.15	0	-0.15	-0.27	-0.2	1	1	0	600	600	0
12/1/2023 9:23	46206 DANV_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/1/2023 9:26	41801 GOCI_T2	1	1	0	1.2	0.7	-0.5	0	0	0	0	0	0	0	0
12/1/2023 9:26	45902 AUBU_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/1/2023 9:28	52403 GRPA_T2	0	0	0	0	0	0	0.03	0	0	0	0	0	0	0
12/1/2023 9:30	52401 GRPA_T2	0	1	1	0	0.3	0.3	0	0	0	0	0	0	0	0
12/1/2023 9:30	41801 GOCI_T2	1	1	0	0.7	1	0.3	0	0	0	0	0	0	0	0
12/1/2023 9:32	13302 ORVI_T2	0	0	0	0	0	0	0.78	0.8	0	0	0	0	0	0
12/1/2023 9:34	56501 ROCK_T2	8	69	61	0.24	0.14	-0.1	-3.49	-3.67	0	0	0	0	0	0
12/1/2023 9:34	13901 SEID_T1	0	0	0	0	0	0	0.29	0.28	0	0	0	0	0	0
12/1/2023 9:35	56501 ROCK_T2	8	69	61	0.24	0.14	-0.1	-1.75	-1.84	0	0	0	0	0	0
12/1/2023 9:36	59101 WALK_T2	1	1	0	0	0	0	2.9	2.95	0	0	0	0	0	0
12/1/2023 9:36	56501 ROCK_T2	8	69	61	0.24	0.14	-0.1	-1.75	-1.84	0	0	0	0	0	0
12/1/2023 9:37	56802 BENV_T2	3	8	5	0.43	0.28	-0.15	-1.21	-1.19	0	0	0	0	0	0
12/1/2023 9:38	46203 DANV_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/1/2023 9:38	56802 BENV_T2	3	8	5	0.43	0.28	-0.15	-1.21	-1.19	0	0	0	0	0	0
12/1/2023 9:39	56802 BENV_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/1/2023 9:39	59101 WALK_T2	1	1	0	0	0	0	2.9	2.95	0	0	0	0	0	0
12/1/2023 9:39	46203 DANV_T2	0	0	0	0	0	0	-1.11	-1.14	0	0	0	0	0	0
12/1/2023 9:40	56802 BENV_T2	3	8	5	0.43	0.28	-0.15	-1.21	-1.19	0	0	0	0	0	0
12/1/2023 9:41	56802 BENV_T2	3	8	5	0.43	0.28	-0.15	-1.19	-1.19	0	0	0	0	0	0
12/1/2023 9:43	52402 GRPA_T2	5	5	0	1	1.02	0.02	0	0	0	0	0	0	0	0
12/1/2023 9:43	52401 GRPA_T2	0	1	1	0	0.3	0.3	0	0	0	0	0	0	0	0
12/1/2023 9:43	46203 DANV_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/1/2023 9:44	53903 HALI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/1/2023 9:45	53903 HALI_T2	2	2	0	0.9	0.7	-0.2	-0.21	-0.22	0	0	0	0	0	0
12/1/2023 9:46	55001 NEWP_T1	0	1	1	0	0.2	0.2	0	0	0	0	0	0	0	0
12/1/2023 9:46	52402 GRPA_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/1/2023 9:47	41901 REED_T1	7	9	2	0.54	0.54	0	0	0	0	0	0	0	0	0
12/1/2023 9:47	48302 ORWI_T2	2	2	0	1.35	0.8	-0.55	-0.46	0.18	0	0	0	0	0	0
12/1/2023 9:47	55002 NEWP_T1	6	6	0	0.73	0.68	-0.05	-0.2	-0.19	0	0	0	0	0	0
12/1/2023 9:49	43202 MVIL_T2	0	0	0	0	0	0	-0.58	-0.52	0	0	0	0	0	0
12/1/2023 9:50	55002 NEWP_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/1/2023 9:51	41901 REED_T1	7	9	2	0.54	0.54	0	0	0	0	0	0	0	0	0
12/1/2023 9:53	43304 WATS_T2	1	4	3	0.3	0	-0.3	-0.12	-0.08	0	0	0	0	0	0
12/1/2023 9:53	43202 MVIL_T2	0	0	0	0	0	0	-0.58	-0.52	0	0	0	0	0	0
12/1/2023 9:53	56802 BENV_T2	3	9	6	0.47	0.29	-0.18	-1.19	-1.19	0	0	0	0	0	0
12/1/2023 9:54	43304 WATS_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/1/2023 9:55	56802 BENV_T2	3	9	6	0.47	0.29	-0.18	-1.19	-1.19	0	0	0	0	0	0
12/1/2023 9:55	45501 DERR_T2	0	0	0	0	0	0	0.63	0.58	2	2	0	1800	1800	0
12/1/2023 9:56	29402 BELT_T1	1	1	0	7	8	1	0	0	0	0	0	0	0	0
12/1/2023 9:56	45802 HEGI_T2	0	0	0	0	0	0	0.82	0.77	0	0	0	0	0	0
12/1/2023 10:00	45802 HEGI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/1/2023 10:00	43201 MVIL_T2	0	0	0	0	0	0	-1.27	-1.3	0	0	0	0	0	0
12/1/2023 10:01	26401 INOR_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/1/2023 10:01	55002 NEWP_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/1/2023 10:02	55002 NEWP_T1	5	6	1	0.64	0.8	0.16	-0.19	-0.2	0	0	0	0	0	0
12/1/2023 10:02	25402 LAHA_T2	0	0	0	0	0	0	-0.74	-0.75	0	0	0	0	0	0
12/1/2023 10:03	40601 PIGR_T1	1	2	1	0.1	0.1	0	0	0	0	0	0	0	0	0
12/1/2023 10:03	55002 NEWP_T1	5	6	1	0.64	0.8	0.16	-0.19	-0.2	0	0	0	0	0	0
12/1/2023 10:04	57401 SPAN_T1	1	1	0	0.2	0.1	-0.1	-1.92	-1.97	2	2	0	1200	1200	0
12/1/2023 10:04	13302 ORVI_T2	0	0	0	0	0	0	0.77	0.83	0	0	0	0	0	0
12/1/2023 10:05	13904 SEID_T1	5	3	-2	0.12	0	-0.12	0	0	0	0	0	0	0	0
12/1/2023 10:05	45003 LIME_2	2	16	14	0.8	1	0.2	0	0	1	1	0	1200	1200	0
12/1/2023 10:05	57401 SPAN_T1	1	1	0	0.2	0.1	-0.1	-0.96	-0.98	1	1	0	600	600	0
12/1/2023 10:06	67203 TEHI_T1	0	0	0	0	0	0	1.86	1.82	3	3	0	2100	2100	0
12/1/2023 10:06	57401 SPAN_T1	1	1	0	0.2	0.1	-0.1	-0.96	-0.98	1	1	0	600	600	0
12/1/2023 10:07	42701 AUGU_T1	0	0	0	0	0	0	0	0	2	2	0	1800	1800	0
12/1/2023 10:07	45902 AUBU_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/1/2023 10:07	56802 BENV_T2	8	9	1	0.28	0.31	0.03	-1.19	-1.22	0	0	0	0	0	0
12/1/2023 10:08	56802 BENV_T2	8	9	1	0.28	0.31	0.03	-1.19	-1.22	0	0	0	0	0	0
12/1/2023 10:08	45902 AUBU_T1	0	0	0	0	0	0	-0.15	-0.21	1	1	0	600	600	0
12/1/2023 10:08	67201 TEHI_T1	0	0	0	0	0	0	0.61	0.65	2	2	0	1500	1500	0
12/1/2023 10:09	46206 DANV_T2	1	6	5	0.2	0	-0.2	0	0	0	0	0	0	0	0
12/1/2023 10:09	45501 DERR_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/1/2023 10:09	45902 AUBU_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/1/2023 10:09	56802 BENV_T2	8	9	1	0.28	0.31	0.03	-1.19	-1.22	0	0	0	0	0	0
12/1/2023 10:10	43401 BENT_T1	1	1	0	0.1	0.1	0	0	0	0	0	0	0	0	0
12/1/2023 10:10	42701 AUGU_T1	0	0	0	0	0	0	0	0	2	2	0	1800	1800	0
12/1/2023 10:10	56802 BENV_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/1/2023 10:10	45902 AUBU_T1	0	0	0	0	0	0	-0.15	-0.21	1	1	0	600	600	0
12/1/2023 10:10	43001 ALWD_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/1/2023 10:11	56802 BENV_T2	8	9	1	0.28	0.31	0.03	-1.22	-1.2	0	0	0	0	0	0
12/1/2023 10:12	10801 CHHI_T1	0	0	0	0	0	0	-1.29	-1.32	2	2	0	1500	1500	0
12/1/2023 10:12	47001 HUGH_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/1/2023 10:12	45501 DERR_T2	0	0	0	0	0	0	0.52	0.53	2	2	0	1800	1800	0
12/1/2023 10:14	39601 LNFD_T1	8	0	-8	0.13	0	-0.13	0	0	1	1	0	900	900	0
12/1/2023 10:14	47001 HUGH_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/1/2023 10:15	58402 MORO_T1	0	0	0	0	0	0	-0.85	-0.88	3	3	0	2400	2400	0
12/1/2023 10:15	40902 JESH_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/1/2023 10:16	52401 GRPA_T2	1	0	-1	0.1	0	-0.1	0	0	0	0	0	0	0	0
12/1/2023 10:16	53903 HALI_T2	2	2	0	0.7	0.8	0.1	-0.23	-0.17	0	0	0	0	0	0
12/1/2023 10:16	54203 PENN_T1	18	19	1	1.34	1.36	0.02	0	0	0	0	0	0	0	0
12/1/2023 10:18	57401 SPAN_T1	1	0	-1	0.1	0	-0.1	-0.98	-1	1	1	0	600	600	0
12/1/2023 10:19	46901 MNTG_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/1/2023 10:20	67605 WARW_T1	0	0	0	0	0	0	-1.04	-1.06	0	0	0	0	0	0
12/1/2023 10:20	65902 SAXR_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/1/2023 10:21	14403 SSLA_T1	0	0	0	0	0	0	0.94	0.94	0	0	0	0	0	0
12/1/2023 10:21	56501 ROCK_T2	17	49	32	0.15	0.17	0.02	-1.77	-1.77	0	0	0	0	0	0
12/1/2023 10:23	57401 SPAN_T1	1	0	-1	0.1	0	-0.1	-0.98	-1	1	1	0	600	600	0
12/1/2023 10:25	53501 EVIL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/1/2023 10:26	17805 GILB_T2	0	0	0	0	0	0	0.18	0.15	0	0	0	0	0	0
12/1/2023 10:27	53501 EVIL_T2	9	8	-1	0.87	0.86	-0.01	-0.56	-0.66	1	1	0	600	600	0
12/1/2023 10:27	64203 KINZ_T1	2	3	1	1.35	0.9	-0.45	0	0	0	0	0	0	0	0
12/1/2023 10:27	40101 HUNT_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/1/2023 10:28	53501 EVIL_T2	9	8	-1	0.87	0.86	-0.01	-1.12	-1.32	2	2	0	1200	1200	0
12/1/2023 10:29	43401 BENT_T1	1	1	0	0.1	0	-0.1	0	0	0	0	0	0	0	0
12/1/2023 10:29	17805 GILB_T2	0	0	0	0	0	0	0.18	0.15	0	0	0	0	0	0
12/1/2023 10:29	27101 GFLD_T2	0	0	0	0	0	0	0.21	0.27	0	0	0	0	0	0
12/1/2023 10:29	53501 EVIL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/1/2023 10:30	52404 GRPA_T2	0	3	3	0	0	0	0	0	0	0	0	0	0	0
12/1/2023 10:31	64201 KINZ_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/1/2023 10:31	40101 HUNT_T2	131	199	68	0.53	0.52	-0.01	-0.37	-0.44	0	0	0	0	0	0
12/1/2023 10:32	26401 INOR_T1	0	1	1	0	0	0	0.58	0.63	0	0	0	0	0	0
12/1/2023 10:36	16302 ALPA_T2	0	0	0	0	0	0	-0.43	-0.55	0	0	0	0	0	0
12/1/2023 10:36	59101 WALK_T2	1	1	0	0	0	0	1.37	1.35	0	0	0	0	0	0
12/1/2023 10:37	14403 SSLA_T1	0	0	0	0	0	0	0.94	1.03	0	0	0	0	0	0
12/1/2023 10:37	56501 ROCK_T2	45	32	-13	0.16	0.17	0.01	-1.77	-1.81	0	0	0	0	0	0
12/1/2023 10:37	16302 ALPA_T2	0	0	0	0	0	0	-0.43	-0.55	0	0	0	0	0	0
12/1/2023 10:37	40201 BEGA_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/1/2023 10:38	67503 WEWI_T2	0	0	0	0	0	0	-0.23	-0.11	0	0	0	0	0	0
12/1/2023 10:38	20403 ASHF_T2	0	0	0	0	0	0	0.94	0.88	0	0	0	0	0	0
12/1/2023 10:38	16302 ALPA_T2	0	0	0	0	0	0	-0.87	-1.11	0	0	0	0	0	0
12/1/2023 10:39	29402 BELT_T1	2	1	-1	4.25	7.8	3.55	0	0	0	0	0	0	0	0
12/1/2023 10:40	52402 GRPA_T2	4	5	1	0.93	0.84	-0.09	0	0	0	0	0	0	0	0
12/1/2023 10:40	57401 SPAN_T1	0	0	0	0	0	0	-1	-0.8	1	1	0	600	600	0
12/1/2023 10:41	29401 BELT_T1	6	11	5	0.12	0.15	0.03	0	0	1	1	0	900	900	0
12/1/2023 10:42	46203 DANV_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/1/2023 10:42	40101 HUNT_T2	131	199	68	0.53	0.52	-0.01	-0.44	-0.2	0	0	0	0	0	0
12/1/2023 10:43	13302 ORVI_T2	0	0	0	0	0	0	0.79	0.74	0	0	0	0	0	0
12/1/2023 10:44	64204 KINZ_T1	1	1	0	1.1	0.8	-0.3	0	0	0	0	0	0	0	0
12/1/2023 10:45	46801 HEPB_T2	2	2	0	0.15	0.1	-0.05	0.65	0.69	0	0	0	0	0	0
12/1/2023 10:50	16402 MOPO_T1	1	1	0	0.3	0.7	0.4	0.84	0.84	0	0	0	0	0	0
12/1/2023 10:51	43402 BENT_T1	1	3	2	0.1	0.2	0.1	-0.67	-0.66	1	1	0	900	900	0
12/1/2023 10:51	60201 ATGL_T2	0	0	0	0	0	0	0.07	-0.05	1	1	0	600	600	0
12/1/2023 10:51	66703 STRA_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/1/2023 10:52	60201 ATGL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/1/2023 10:52	56802 BENV_T2	25	48	23	0.24	0.22	-0.02	-1.3	-1.32	0	0	0	0	0	0
12/1/2023 10:52	66504 SMAN_T2	0	0	0	0	0	0	-0.35	-0.26	0	0	0	0	0	0
12/1/2023 10:53	56801 BENV_T1	38	35	-3	0.48	0.58	0.1	-0.62	-0.65	1	1	0	600	600	0
12/1/2023 10:53	56802 BENV_T2	25	48	23	0.24	0.22	-0.02	-2.59	-2.63	0	0	0	0	0	0
12/1/2023 10:54	11104 EGYP_T1	1	2	1	0.6	0.3	-0.3	0.34	0.34	0	0	0	0	0	0
12/1/2023 10:54	45402 WILO_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/1/2023 10:55	29402 BELT_T1	1	1	0	7.8	7.8	0	0	0	0	0	0	0	0	0
12/1/2023 10:55	55105 WERT_T1	0	0	0	0	0	0	-0.53	-0.48	1	1	0	900	900	0
12/1/2023 10:55	56801 BENV_T1	38	35	-3	0.48	0.58	0.1	-0.62	-0.65	1	1	0	600	600	0
12/1/2023 10:55	53501 EVIL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/1/2023 10:56	11104 EGYP_T1	1	2	1	0.6	0.3	-0.3	0.34	0.37	0	0	0	0	0	0
12/1/2023 10:56	53501 EVIL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/1/2023 10:57	46004 BERW_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/1/2023 10:59	53501 EVIL_T2	7	6	-1	0.69	0.37	-0.32	-1.25	-1.36	2	2	0	1200	1200	0
12/1/2023 11:01	46901 MNTG_T2	0	0	0	0	0	0	1.47	1.38	0	0	0	0	0	0
12/1/2023 11:02	59302 MCAL_T1	0	0	0	0	0	0	-0.34	-0.14	1	1	0	600	600	0
12/1/2023 11:03	44904 SCOT_T1	0	0	0	0	0	0	0.97	0.96	0	0	0	0	0	0
12/1/2023 11:03	46903 MNTG_T2	0	0	0	0	0	0	0.24	0.24	1	1	0	600	600	0
12/1/2023 11:03	40602 PIGR_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/1/2023 11:05	67204 TEHI_T2	0	0	0	0	0	0	-0.01	-0.02	0	0	0	0	0	0
12/1/2023 11:05	49804 UNIV_T1	1	0	-1	0.1	0	-0.1	0	0	0	0	0	0	0	0
12/1/2023 11:06	57403 SPAN_T1	0	1	1	0	0.1	0.1	0.15	0.14	0	0	0	0	0	0
12/1/2023 11:07	27503 WEIS_T2	0	39	39	0	0	0	0	0	0	0	0	0	0	0
12/1/2023 11:07	66703 STRA_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/1/2023 11:07	57403 SPAN_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/1/2023 11:07	40602 PIGR_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/1/2023 11:08	67204 TEHI_T2	0	0	0	0	0	0	-0.01	-0.02	0	0	0	0	0	0
12/1/2023 11:08	61801 EELI_T2	0	1	1	0	0.2	0.2	-0.92	-0.94	1	1	0	600	600	0
12/1/2023 11:08	57403 SPAN_T1	0	1	1	0	0.1	0.1	0.15	0.14	0	0	0	0	0	0
12/1/2023 11:09	10805 CHHI_T2	11	8	-3	1.68	1.98	0.3	-0.64	-0.74	1	1	0	600	600	0
12/1/2023 11:10	43402 BENT_T1	3	1	-2	0.17	0.2	0.03	-0.66	-0.65	1	1	0	900	900	0
12/1/2023 11:10	59102 WALK_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/1/2023 11:15	40101 HUNT_T2	251	138	-113	0.77	0.43	-0.34	-0.25	-0.25	0	0	0	0	0	0
12/1/2023 11:16	40101 HUNT_T2	251	138	-113	0.77	0.43	-0.34	-0.49	-0.5	0	0	0	0	0	0
12/1/2023 11:17	64101 REFR_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/1/2023 11:18	64101 REFR_T1	0	0	0	0	0	0	-0.02	-0.01	0	0	0	0	0	0
12/1/2023 11:18	54205 PENN_T1	12	46	34	0.1	0.15	0.05	0	0	0	0	0	0	0	0
12/1/2023 11:19	55001 NEWP_T1	1	0	-1	0.2	0	-0.2	0	0	0	0	0	0	0	0
12/1/2023 11:19	40602 PIGR_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/1/2023 11:20	59101 WALK_T2	1	1	0	0	0	0	1.14	1.29	0	0	0

Appendix C - Grid Benefits Achieved in Each Instance of Active Management

12/1/2023 11:54	54501 ENOL_T2	5	7	2	1.74	0	-1.74	-0.52	-0.52	1	1	0	600	600	0
12/1/2023 11:54	43804 WATS_T2	0	1	1	0	0	0	-0.09	-1.3	0	0	0	0	0	0
12/1/2023 11:55	43804 WATS_T2	0	1	1	0	0	0	-0.03	-0.43	0	0	0	0	0	0
12/1/2023 11:55	43802 WATS_T2	0	0	0	0	0	0	-0.42	-0.54	3	3	0	2400	2400	0
12/1/2023 11:56	54505 ENOL_T2	1	1	0	0.9	0.9	0	0	0	0	0	0	0	0	0
12/1/2023 11:58	64702 LITI_T2	0	0	0	0	0	0	-0.81	-0.85	0	0	0	0	0	0
12/1/2023 11:59	52402 GRPA_T2	5	6	1	1.32	1.07	-0.25	0	0	0	0	0	0	0	0
12/1/2023 11:59	52404 GRPA_T2	0	1	1	0	0.3	0.3	0	0	0	0	0	0	0	0
12/1/2023 11:59	64702 LITI_T2	0	0	0	0	0	0	-0.81	-0.85	0	0	0	0	0	0
12/1/2023 12:00	43804 WATS_T2	1	0	-1	1	0	-1	-0.43	-0.21	0	0	0	0	0	0
12/1/2023 12:00	46903 MNTG_T2	62	0	-62	0.15	0	-0.15	-0.02	0.08	1	1	0	600	600	0
12/1/2023 12:00	46901 MNTG_T2	0	0	0	0	0	0	1.19	1.12	0	0	0	0	0	0
12/1/2023 12:00	52402 GRPA_T2	5	8	3	1.1	1.03	-0.07	0	0	0	0	0	0	0	0
12/1/2023 12:00	52401 GRPA_T2	1	1	0	0.8	0.5	-0.3	-0.49	-0.49	0	0	0	0	0	0
12/1/2023 12:00	52403 GRPA_T2	1	1	0	0.3	0	-0.3	0.04	0.02	0	0	0	0	0	0
12/1/2023 12:01	13302 ORVI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/1/2023 12:02	42001 MNVL_T2	0	1	1	0	0.1	0.1	0.16	0.15	0	0	0	0	0	0
12/1/2023 12:03	12202 FOGE_T2	22	0	-22	0.12	0	-0.12	0	0	1	1	0	600	600	0
12/1/2023 12:04	13302 ORVI_T2	0	2	2	0	0.1	0.1	0.75	0.76	0	0	0	0	0	0
12/1/2023 12:05	13302 ORVI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/1/2023 12:06	44904 SCOT_T1	0	0	0	0	0	0	0.91	0.91	0	0	0	0	0	0
12/1/2023 12:08	49803 UNIV_T1	0	0	0	0	0	0	-1.02	-0.99	0	0	0	0	0	0
12/1/2023 12:10	43402 BENT_T1	0	0	0	0	0	0	-0.68	-0.66	1	1	0	900	900	0
12/1/2023 12:11	46004 BERW_T2	0	0	0	0	0	0	-0.7	-0.72	0	0	0	0	0	0
12/1/2023 12:14	52401 GRPA_T2	1	1	0	0.8	0.5	-0.3	0	0	0	0	0	0	0	0
12/1/2023 12:15	52404 GRPA_T2	1	1	0	0.3	0.6	0.3	0.32	0.27	0	0	0	0	0	0
12/1/2023 12:15	52402 GRPA_T2	6	8	2	1.05	1.11	0.06	0	0	0	0	0	0	0	0
12/1/2023 12:15	52402 GRPA_T2	6	8	2	1.05	1.11	0.06	0	0	0	0	0	0	0	0
12/1/2023 12:15	40201 BEGA_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/1/2023 12:16	52404 GRPA_T2	1	1	0	0.3	0.6	0.3	0	0	0	0	0	0	0	0
12/1/2023 12:17	64201 KINZ_T1	0	0	0	0	0	0	-0.98	-0.93	4	4	0	2100	2100	0
12/1/2023 12:21	43001 ALWD_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/1/2023 12:29	59003 MIFF_T1	0	0	0	0	0	0	-0.15	-0.12	0	0	0	0	0	0
12/1/2023 12:29	43402 BENT_T1	0	0	0	0	0	0	-0.67	-0.67	1	1	0	900	900	0
12/1/2023 12:29	16402 MOPO_T1	3	3	0	0.63	0.4	-0.23	0.8	0.77	0	0	0	0	0	0
12/1/2023 12:47	47403 PENS_T1	1	1	0	1.5	1.4	-0.1	0	0	0	0	0	0	0	0
12/1/2023 12:47	45702 LIND_T2	1	1	0	1.6	1.8	0.2	-0.49	-0.49	0	0	0	0	0	0
12/1/2023 12:48	47401 PENS_T1	0	0	0	0	0	0	-0.5	-0.49	0	0	0	0	0	0
12/1/2023 12:49	47402 PENS_T1	116	120	4	1.58	2.16	0.58	0	0	0	0	0	0	0	0
12/1/2023 12:58	51604 DUKE_T2	23	60	37	0.56	0.12	-0.44	-1.61	-1.62	1	1	0	900	900	0
12/1/2023 13:01	39601 LNFD_T1	7	4	-3	0.7	0	-0.7	0	0	1	1	0	900	900	0
12/1/2023 13:04	58402 MORO_T1	0	0	0	0	0	0	-1.04	-0.15	3	2	-1	2400	1500	-900
12/1/2023 13:04	14403 SSLA_T1	0	0	0	0	0	0	0.77	0.77	0	0	0	0	0	0
12/1/2023 13:06	52501 PROG_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/1/2023 13:10	43402 BENT_T1	0	0	0	0	0	0	-0.7	-0.68	1	1	0	900	900	0
12/1/2023 13:35	60501 NMAN_T2	3	3	0	4.97	5.3	0.33	0	0	0	0	0	0	0	0
12/1/2023 13:40	43001 ALWD_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/1/2023 13:48	54205 PENN_T1	36	0	-36	0.1	0	-0.1	0	0	0	0	0	0	0	0
12/1/2023 13:50	47401 PENS_T1	0	0	0	0	0	0	-0.46	-0.53	0	0	0	0	0	0
12/1/2023 13:50	54202 PENN_T2	1	0	-1	5	0	-5	0.66	0.68	0	0	0	0	0	0
12/1/2023 13:51	47401 PENS_T1	0	0	0	0	0	0	-0.46	-0.53	0	0	0	0	0	0
12/1/2023 14:02	47403 PENS_T1	1	1	0	1.8	2.7	0.9	0	0	0	0	0	0	0	0
12/1/2023 14:02	65003 NEFF_T2	4	4	0	0.1	0.18	0.08	0	0	0	0	0	0	0	0
12/1/2023 14:03	47402 PENS_T1	120	120	0	2.23	3.35	1.12	0	0	0	0	0	0	0	0
12/1/2023 14:05	42202 SHEN_T2	2	2	0	0.65	0	-0.65	0	0	0	0	0	0	0	0
12/1/2023 14:07	54501 ENOL_T2	4	1	-3	1.78	0	-1.78	-0.55	-0.54	1	1	0	600	600	0
12/1/2023 14:08	54502 ENOL_T2	1	1	0	0.2	0.3	0.1	0	0	0	0	0	0	0	0
12/1/2023 14:08	67203 TEHI_T1	0	0	0	0	0	0	1.93	1.73	2	2	0	1200	1200	0
12/1/2023 14:08	20403 ASHF_T2	0	0	0	0	0	0	0.2	0.21	0	0	0	0	0	0
12/1/2023 14:10	20403 ASHF_T2	0	0	0	0	0	0	0.4	0.42	0	0	0	0	0	0
12/1/2023 14:16	64702 LITI_T2	0	0	0	0	0	0	-0.77	-0.8	0	0	0	0	0	0
12/1/2023 14:16	43202 MVIL_T2	0	0	0	0	0	0	-0.64	-0.63	0	0	0	0	0	0
12/1/2023 14:17	64802 MONE_T2	0	0	0	0	0	0	-0.07	-0.05	0	0	0	0	0	0
12/1/2023 14:17	43201 MVIL_T2	0	0	0	0	0	0	-0.33	-0.35	0	0	0	0	0	0
12/1/2023 14:18	41901 REED_T1	10	11	1	0.78	1	0.22	0	0	0	0	0	0	0	0
12/1/2023 14:18	56501 ROCK_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/1/2023 14:19	65003 NEFF_T2	3	4	1	0.2	0.18	-0.02	0	0	0	0	0	0	0	0
12/1/2023 14:19	56501 ROCK_T2	1	1	0	0.4	1	0.6	-0.93	-0.87	0	0	0	0	0	0
12/1/2023 14:20	43804 WATS_T2	0	0	0	0	0	0	-0.2	-0.22	0	0	0	0	0	0
12/1/2023 14:21	67605 WARW_T1	1	0	-1	0.1	0	-0.1	-1.23	-1.22	0	0	0	0	0	0
12/1/2023 14:21	56501 ROCK_T2	1	1	0	0.4	1	0.6	-1.87	-1.74	0	0	0	0	0	0
12/1/2023 14:21	13302 ORVI_T2	8	8	0	0.15	0.15	0	0.74	0.74	0	0	0	0	0	0
12/1/2023 14:22	42201 SHEN_T2	0	0	0	0	0	0	0.02	0.02	1	1	0	600	600	0
12/1/2023 14:22	43304 WATS_T2	0	0	0	0	0	0	-0.2	-0.22	0	0	0	0	0	0
12/1/2023 14:23	43301 WATS_T2	0	0	0	0	0	0	-0.57	-0.58	1	1	0	900	900	0
12/1/2023 14:23	56501 ROCK_T2	1	1	0	0.4	1	0.6	-0.93	-0.87	0	0	0	0	0	0
12/1/2023 14:23	60101 COCA_T1	0	0	0	0	0	0	0.39	0.41	0	0	0	0	0	0
12/1/2023 14:23	10705 CATA_T2	0	0	0	0	0	0	-0.87	-0.86	1	1	0	900	900	0
12/1/2023 14:25	43304 WATS_T2	0	0	0	0	0	0	-0.2	-0.22	0	0	0	0	0	0
12/1/2023 14:27	60101 COCA_T1	0	0	0	0	0	0	0.41	0.37	0	0	0	0	0	0
12/1/2023 14:32	46901 MNTG_T2	0	0	0	0	0	0	1.21	1.07	0	0	0	0	0	0
12/1/2023 14:32	64204 KINZ_T1	1	1	0	0.8	1.1	0.3	0	0	0	0	0	0	0	0
12/1/2023 14:32	64702 LITI_T2	0	0	0	0	0	0	-0.8	-0.73	0	0	0	0	0	0
12/1/2023 14:33	64802 MONE_T2	0	1	1	0	0.1	0.1	-0.05	-0.06	0	0	0	0	0	0
12/1/2023 14:33	43201 MVIL_T2	0	0	0	0	0	0	-0.35	-0.33	0	0	0	0	0	0
12/1/2023 14:34	67002 STHI_T2	0	1	1	0	0.1	0.1	0.6	0.6	0	0	0	0	0	0
12/1/2023 14:35	67001 STHI_T2	1	2	1	0.2	0.15	-0.05	0	0	0	0	0	0	0	0
12/1/2023 14:35	66901 SHIL_T2	0	0	0	0	0	0	-1.65	-1.65	1	1	0	1200	1200	0
12/1/2023 14:36	40603 PIGR_T1	0	0	0	0	0	0	0.41	0.36	0	0	0	0	0	0
12/1/2023 14:39	60201 ATGL_T2	0	0	0	0	0	0	0.02	0.48	1	0	-1	600	0	-600
12/1/2023 14:40	42503 ALTA_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/1/2023 14:41	45902 AUBU_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/1/2023 14:44	41801 GOCI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/1/2023 14:44	17802 GILB_T1	0	0	0	0	0	0	0.16	0.15	0	0	0	0	0	0
12/1/2023 14:47	43202 MVIL_T2	0	0	0	0	0	0	-0.63	-0.64	0	0	0	0	0	0
12/1/2023 14:48	46901 MNTG_T2	0	0	0	0	0	0	1.07	0.96	0	0	0	0	0	0
12/1/2023 14:48	17804 GILB_T2	0	0	0	0	0	0	-0.53	-0.56	0	0	0	0	0	0
12/1/2023 14:48	43201 MVIL_T2	0	0	0	0	0	0	-0.33	-0.35	0	0	0	0	0	0
12/1/2023 14:48	46901 MNTG_T2	0	0	0	0	0	0	1.07	0.96	0	0	0	0	0	0
12/1/2023 14:49	60501 NMAN_T2	3	3	0	5.43	5.07	-0.36	0	0	0	0	0	0	0	0
12/1/2023 14:49	13302 ORVI_T2	8	7	-1	0.15	0.16	0.01	0.73	0.75	0	0	0	0	0	0
12/1/2023 14:49	64802 MONE_T2	0	1	1	0	0.1	0.1	-0.06	-0.06	0	0	0	0	0	0
12/1/2023 14:50	43304 WATS_T2	0	0	0	0	0	0	-0.17	-0.23	0	0	0	0	0	0
12/1/2023 14:51	43301 WATS_T2	0	0	0	0	0	0	-0.6	-0.59	1	1	0	900	900	0
12/1/2023 14:51	65901 SAKR_T2	1	1	0	9.3	9.6	0.3	-1.25	-1.19	1	1	0	900	900	0
12/1/2023 14:52	43304 WATS_T2	0	0	0	0	0	0	-0.33	-0.45	0	0	0	0	0	0
12/1/2023 14:52	57403 SPAN_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/1/2023 14:53	43301 WATS_T2	0	0	0	0	0	0	-1.81	-1.77	3	3	0	2700	2700	0
12/1/2023 14:53	43304 WATS_T2	0	0	0	0	0	0	-0.33	-0.45	0	0	0	0	0	0
12/1/2023 14:54	62604 ENGL_T1	0	0	0	0	0	0	-1.34	-1.44	3	3	0	1800	1800	0
12/1/2023 14:54	42201 SHEN_T2	0	0	0	0	0	0	0.03	0.02	1	1	0	600	600	0
12/1/2023 14:54	43301 WATS_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/1/2023 14:55	43304 WATS_T2	0	0	0	0	0	0	-0.17	-0.23	0	0	0	0	0	0
12/1/2023 14:55	43304 WATS_T2	0	0	0	0	0	0	-0.17	-0.23	0	0	0	0	0	0
12/1/2023 14:55	20402 ASHF_T2	0	2	2	0	0.1	0.1	0	0	0	0	0	0	0	0
12/1/2023 14:58	52404 GRPA_T2	1	1	0	0.7	0.8	0.1	0.12	0.08	0	0	0	0	0	0
12/1/2023 14:59	62606 ENGL_T1	0	1	1	0	0	0	0	0	0	0	0	0	0	0
12/1/2023 15:03	65001 NEFF_T2	27	169	142	0.12	0.16	0.04	-0.9	-0.97	1	1	0	1200	1200	0
12/1/2023 15:05	56504 ROCK_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/1/2023 15:05	14403 SSLA_T1	0	0	0	0	0	0	1.9	1.88	0	0	0	0	0	0
12/1/2023 15:05	52501 PROG_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/1/2023 15:05	42201 SHEN_T2	0	0	0	0	0	0	0.02	0.04	1	1	0	600	600	0
12/1/2023 15:07	14403 SSLA_T1	0	0	0	0	0	0	0.95	0.94	0	0	0	0	0	0
12/1/2023 15:12	28403 HART_T2	0	0	0	0	0	0	-0.97	-0.97	1	1	0	900	900	0
12/1/2023 15:15	64802 MONE_T2	0	2	2	0	0.1	0.1	-0.02	-0.05	0	0	0	0	0	0
12/1/2023 15:15	46903 MNTG_T2	47	91	44	0.14	0.21	0.07	-0.05	-0.05	1	1	0	600	600	0
12/1/2023 15:16	40101 HUNT_T2	14	1	-13	0.34	0	-0.34	-0.43	-0.67	0	0	0	0	0	0
12/1/2023 15:19	64101 REFR_T1	0	0	0	0	0	0	-0.02	0.01	0	0	0	0	0	0
12/1/2023 15:20	64101 REFR_T1	0	0	0	0	0	0	-0.02	0.01	0	0	0	0	0	0
12/1/2023 15:21	14403 SSLA_T1	0	0	0	0	0	0	0.94	0.93	0	0	0	0	0	0
12/1/2023 15:22	14403 SSLA_T1	0	0	0	0	0	0	0.94	0.93	0	0	0	0	0	0
12/1/2023 15:22	64101 REFR_T1	0	0	0	0	0	0	-0.05	0.02	0	0	0	0	0	0
12/1/2023 15:22	24902 WHHA_T1	0	0	0	0	0	0	0.65	0.64	0	0	0	0	0	0
12/1/2023 15:24	24902 WHHA_T1	0	0	0	0	0	0	0.65	0.64	0	0	0	0	0	0
12/1/2023 15:33	64101 REFR_T1	0	0	0	0	0	0	0.01	-0.07	0	0	0	0	0	0
12/1/2023 15:37	64101 REFR_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/1/2023 15:37	46004 BERW_T2	0	0	0	0	0	0	-0.68	-0.66	0	0	0	0	0	0
12/1/2023 15:41	64101 REFR_T1	0	0	0	0	0	0	-0.07	-0.03	0	0	0	0	0	0
12/1/2023 15:42	56504 ROCK_T2	0	0	0	0	0	0	0.01	-0.02	0	0	0	0	0	0
12/1/2023 15:43	64101 REFR_T1	0	0	0	0	0	0	-0.04	-0.02	0	0	0	0	0	0
12/1/2023 15:52	67602 WARW_T2	0	0	0	0	0	0	0.53	0.54	0	0	0	0	0	0
12/1/2023 15:54	54502 ENOL_T2	0	0	0	0	0	0	-1.95	-1.97	1	1	0	600	600	0
12/1/2023 15:54	67602 WARW_T2	0	0	0	0	0	0	0.53	0.54	0	0	0	0	0	0
12/1/2023 16:03	64101 REFR_T1	0	0	0	0	0	0	-0.02	-0.01	0	0	0	0	0	0
12/1/2023 16:10	24902 WHHA_T1	0	2	2	0	0	0	1.32	1.4	0	0	0	0	0	0
12/1/2023 16:22	63404 HONY_T1	2	2	0	7.75	7.25	-0.5	0	0	0	0	0	0	0	0
12/1/2023 16:39	10801 CHHI_T1	1	0	-1	0.7	0	-0.7	-0.76	-1.43	1	2	1	900	1500	600
12/1/2023 17:01	41002 LAUR_T2	79	117	38	0.6	0.69	0.09	-0.97	-0.98	0	0	0	0	0	0
12/1/2023 17:57	13901 SEID_T1	0	0	0	0	0	0	0.23	0.24	0	0	0	0	0	0
12/1/2023 18:00	64201 KINZ_T1	2	54	52	0.1	0.34	0.24	0	0	0	0	0	0	0	0
12/1/2023 18:01	29402 BELT_T1	1	1	0	7.2	7.1	-0.1	0	0	0	0	0	0	0	0
12/1/2023 18:04	64702 LITI_T2	0	0	0	0	0	0	-0.86	-0.77	0	0	0	0	0	0
12/1/2023 18:04	10801 CHHI_T2	1	1	0	7.5	7.4	-0.1	-1.24	-1.28	1	1	0	600	600	0
12/1/2023 18:04	64202 KINZ_T1	0	2	2	0	0.25	0.25	0	0	0	0	0	0	0	0
12/1/2023 18:04	10801 CHHI_T1	0	0	0	0	0	0	-1.45	-1.46	2	2	0	1500	1500	0
12/1/2023 18:05	64201 KINZ_T1	2	54	52	0.1	0.34	0.24	-0.86	-0.84	3	3	0	1500	1500	0
12/1/2023 18:06	65001 NEFF_T2	138	236	98	0.15	0.35	0.2	-1.14	-1.14	1	1	0	1200	1200	0
12/1/2023 18:09	17802 GILB_T1	1	1	0	1.8	0	-1.8	0.25	0.24	0	0	0	0	0	0
12/1/2023 18:09	29401 BELT_T1	52	59	7	0.26	0.27	0.01	0	0	0	0	0	0	0	0
12/1/2023 18:09	59101 WALK_T2	1	1	0	0	0	0	1.23	1.11	1	1	0	450	450	0
12/1/2023 18:10	67503 WEWI_T2	0	0	0	0	0	0	-0.25	-0.2	0	0	0	0	0	0
12/1/2023 18:10	45902 AUBU_T1	1	0	-1	0.3	0	-0.3	-0.96	-0.95	1	1	0	600	600	0
12/1/2023 18:11	64702 LITI_T2	0	0	0	0	0	0	-0.77	-0.73	0	0	0	0	0	0
12/1/2023 18:11	17805 GILB_T2	0	0	0	0	0	0	0.13	0.17	0	0	0	0	0	0
12/1/2023 18:11	45902 AUBU_T1	1	0	-1	0.3	0	-0.3	-0.95	-0.99	1	1	0	600	600	0
12/1/2023 18:12	60101 COCA_T1	0	0	0	0	0	0	0.28	0.27	0	0	0	0	0	0
12/1/2023 18:12	43402 BENT_T1	0	0	0	0	0	0	-0.87	-0.87	1	1	0	900	900	0
12/1/2023 18:13	65003 NEFF_T2	50	132	82	0.14	0.33	0.19	0	0	0	0	0	0	0	0
12/1/2023 18:13	64201 KINZ_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/1/2023 18:14	47402 PENS_T1	118	120	2	1.74	2.26	0.52	0	0	0	0	0	0	0	0
12/1/2023 18:14	60101 COCA_T1	0	0	0	0	0	0	0.28	0.27	0	0	0	0	0	0
12/1/2023 18:14	26401 INOR_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/1/2023 18:15	67203 TEHI_T1	0	0	0	0	0	0	1.54	1.35	1	1	0	600	600	0
12/1/2023 18:15	67602 WARW_T2	0	0	0	0	0	0	0.45	0.49	0	0	0	0	0	0
12/1/2023 18:15	64101 REFR_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/1/2023 18:15	65901 SAKR_T2	1	1	0	9.6	9.6	0	-1.44	-1.36	1	1	0	900	900	0
12/1/2023 18:16	28403 HART_T2	0	0	0	0	0	0	-0.85	-0.85	1	1	0	900	900	0
12/1/2023 18:16	44301 BEAV_T2	1	0	-1	0.7	0	-0.7	-0.26	-0.23	1	1	0	600	600	0
12/1/2023 18:16	24902 WHHA_T1	0	0	0	0	0	0	1.28	1.28	0	0	0	0	0	0
12/1/2023 18:17	17805 GILB_T2	0	0	0	0	0	0	0.13	0.17	0	0	0

Appendix C - Grid Benefits Achieved in Each Instance of Active Management

12/1/2023 18:26	57403 SPAN_T1	0	2	2	0	0.1	0.1	0.17	0.13	0	0	0	0	0	0
12/1/2023 18:26	45501 DERR_T2	0	0	0	0	0	0	0.57	0.4	2	2	0	1800	1800	0
12/1/2023 18:27	52404 GRPA_T2	1	1	0	0.1	0.3	0.2	-0.02	0	0	0	0	0	0	0
12/1/2023 18:27	42201 SHEN_T2	0	0	0	0	0	0	0.04	0.02	1	1	0	600	600	0
12/1/2023 18:27	45501 DERR_T2	0	0	0	0	0	0	0.57	0.4	2	2	0	1800	1800	0
12/1/2023 18:28	57403 SPAN_T1	0	2	2	0	0.1	0.1	0	0	0	0	0	0	0	0
12/1/2023 18:28	46203 DANV_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/1/2023 18:29	57403 SPAN_T1	0	2	2	0	0.1	0.1	0	0	0	0	0	0	0	0
12/1/2023 18:29	40101 HUNT_T2	1	7	6	0.4	0.2	-0.2	-0.73	-0.77	0	0	0	0	0	0
12/1/2023 18:29	60201 ATGL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/1/2023 18:29	62604 ENGL_T1	0	0	0	0	0	0	-1.08	-0.96	2	2	0	1200	1200	0
12/1/2023 18:29	65902 SAKR_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/1/2023 18:29	46203 DANV_T2	0	0	0	0	0	0	0.08	0.06	0	0	0	0	0	0
12/1/2023 18:29	43402 BENT_T1	0	0	0	0	0	0	-0.87	-0.9	1	1	0	900	900	0
12/1/2023 18:29	60803 BUCK_T1	0	0	0	0	0	0	-1.48	-1.47	1	1	0	600	600	0
12/1/2023 18:30	54505 ENOL_T2	1	1	0	0.8	0.9	0.1	0	0	0	0	0	0	0	0
12/1/2023 18:30	17804 GILB_T2	0	0	0	0	0	0	-0.52	-0.51	0	0	0	0	0	0
12/1/2023 18:30	60201 ATGL_T2	0	0	0	0	0	0	0.26	0.3	0	0	0	0	0	0
12/1/2023 18:30	14403 SSLA_T1	0	0	0	0	0	0	1.58	1.56	0	0	0	0	0	0
12/1/2023 18:30	45902 AUBU_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/1/2023 18:30	55002 NEWP_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/1/2023 18:30	46203 DANV_T2	0	0	0	0	0	0	0.08	0.06	0	0	0	0	0	0
12/1/2023 18:30	10705 CATA_T2	0	0	0	0	0	0	-0.89	-0.84	1	1	0	900	900	0
12/1/2023 18:30	42201 SHEN_T2	0	0	0	0	0	0	0.04	0.02	1	1	0	600	600	0
12/1/2023 18:31	47403 PENS_T1	1	1	0	2.5	2.8	0.3	0	0	0	0	0	0	0	0
12/1/2023 18:31	55002 NEWP_T1	6	6	0	0.52	0.63	0.11	-0.2	-0.21	0	0	0	0	0	0
12/1/2023 18:31	49803 UNIV_T1	0	0	0	0	0	0	-1.07	-1.05	0	0	0	0	0	0
12/1/2023 18:31	42701 AUGU_T1	1	1	0	0.1	0.2	0.1	0	0	2	2	0	1800	1800	0
12/1/2023 18:31	11104 EGYP_T1	0	0	0	0	0	0	0.3	0.32	0	0	0	0	0	0
12/1/2023 18:31	45402 WILO_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/1/2023 18:31	57403 SPAN_T1	0	3	3	0	0.13	0.13	0	0	0	0	0	0	0	0
12/1/2023 18:31	54504 ENOL_T2	0	0	0	0	0	0	-1.04	-1.02	1	1	0	600	600	0
12/1/2023 18:31	20403 ASHF_T2	0	0	0	0	0	0	0.45	0.48	0	0	0	0	0	0
12/1/2023 18:31	48302 ORWI_T2	2	2	0	1.45	1.25	-0.2	0.1	0.06	0	0	0	0	0	0
12/1/2023 18:31	60201 ATGL_T2	0	0	0	0	0	0	0.26	0.3	0	0	0	0	0	0
12/1/2023 18:31	45802 HEGI_T2	0	0	0	0	0	0	0.13	0.57	0	0	0	0	0	0
12/1/2023 18:32	57403 SPAN_T1	0	3	3	0	0.13	0.13	0	0	0	0	0	0	0	0
12/1/2023 18:32	55002 NEWP_T1	6	6	0	0.52	0.63	0.11	-0.2	-0.21	0	0	0	0	0	0
12/1/2023 18:32	43304 WATS_T2	2	1	-1	0.35	0	-0.35	-0.36	-0.4	0	0	0	0	0	0
12/1/2023 18:33	64802 MONE_T2	0	0	0	0	0	0	-0.12	-0.11	0	0	0	0	0	0
12/1/2023 18:33	54201 PENN_T1	8	8	0	0.94	1.03	0.09	0	0.06	0	0	0	0	0	0
12/1/2023 18:33	46004 BERW_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/1/2023 18:33	40101 HUNT_T2	3	8	5	0.3	0.25	-0.05	-0.73	-0.77	0	0	0	0	0	0
12/1/2023 18:33	45802 HEGI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/1/2023 18:34	47403 PENS_T1	1	1	0	2.5	2.8	0.3	0	0	0	0	0	0	0	0
12/1/2023 18:34	64101 REFR_T1	0	0	0	0	0	0	-0.03	-0.03	0	0	0	0	0	0
12/1/2023 18:34	60502 NMAN_T2	0	0	0	0	0	0	-0.47	-0.54	0	0	0	0	0	0
12/1/2023 18:34	43202 MVIL_T2	0	0	0	0	0	0	-0.66	-0.69	0	0	0	0	0	0
12/1/2023 18:34	56802 BENV_T2	22	87	65	0.26	0.22	-0.04	-1.27	-1.3	0	0	0	0	0	0
12/1/2023 18:34	39601 NFD_T1	7	4	-3	0.24	0	-0.24	0	0	1	1	0	900	900	0
12/1/2023 18:35	61801 EEU_T2	0	0	0	0	0	0	-1.86	-1.86	2	2	0	1200	1200	0
12/1/2023 18:35	42001 MNVL_T2	0	0	0	0	0	0	0.13	0.15	0	0	0	0	0	0
12/1/2023 18:35	56802 BENV_T2	22	87	65	0.26	0.22	-0.04	-1.27	-1.3	0	0	0	0	0	0
12/1/2023 18:35	52501 PROG_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/1/2023 18:35	64101 REFR_T1	0	0	0	0	0	0	-0.03	-0.03	0	0	0	0	0	0
12/1/2023 18:36	41801 GOCI_T2	1	1	0	0.2	0.2	0	0	0	0	0	0	0	0	0
12/1/2023 18:36	40101 HUNT_T2	3	8	5	0.3	0.25	-0.05	-1.46	-1.54	0	0	0	0	0	0
12/1/2023 18:36	64101 REFR_T1	0	0	0	0	0	0	-0.05	-0.05	0	0	0	0	0	0
12/1/2023 18:37	54502 ENOL_T2	0	0	0	0	0	0	-1.94	-1.97	1	1	0	600	600	0
12/1/2023 18:37	45001 LIME_2	91	168	77	0.58	0.69	0.11	0	0	0	0	0	0	0	0
12/1/2023 18:37	53501 EVIL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/1/2023 18:37	46203 DANV_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/1/2023 18:37	56802 BENV_T2	22	87	65	0.26	0.22	-0.04	-2.54	-2.59	0	0	0	0	0	0
12/1/2023 18:37	52404 GRPA_T2	1	1	0	0.2	0.5	0.3	0	0	0	0	0	0	0	0
12/1/2023 18:37	66703 STRA_T1	5	6	1	0.38	0.38	0	-0.17	-0.14	0	0	0	0	0	0
12/1/2023 18:37	42701 AUGU_T1	1	1	0	0.1	0.2	0.1	0	0	2	2	0	1800	1800	0
12/1/2023 18:38	46203 DANV_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/1/2023 18:38	56802 BENV_T2	22	87	65	0.26	0.22	-0.04	-1.27	-1.3	0	0	0	0	0	0
12/1/2023 18:39	59101 WALK_T2	1	1	0	0	0	0	0.94	0.61	1	1	0	450	450	0
12/1/2023 18:39	56802 BENV_T2	22	87	65	0.26	0.22	-0.04	-1.27	-1.3	0	0	0	0	0	0
12/1/2023 18:39	53901 HALI_T2	0	1	1	0	0.1	0.1	0	0	0	0	0	0	0	0
12/1/2023 18:39	61801 EEU_T2	0	0	0	0	0	0	-0.93	-0.93	1	1	0	600	600	0
12/1/2023 18:40	41002 LAUR_T2	84	255	171	0.6	0.55	-0.05	-0.97	-0.98	0	0	0	0	0	0
12/1/2023 18:40	56504 ROCK_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/1/2023 18:40	59101 WALK_T2	1	1	0	0	0	0	0.94	0.61	1	1	0	450	450	0
12/1/2023 18:40	40101 HUNT_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/1/2023 18:40	56802 BENV_T2	22	87	65	0.26	0.22	-0.04	-1.27	-1.3	0	0	0	0	0	0
12/1/2023 18:40	40201 BEGA_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/1/2023 18:40	64802 MONE_T2	0	0	0	0	0	0	-0.12	-0.11	0	0	0	0	0	0
12/1/2023 18:41	56802 BENV_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/1/2023 18:41	59101 WALK_T2	1	1	0	0	0	0	1.21	1.24	2	2	0	900	900	0
12/1/2023 18:41	55002 NEWP_T1	6	6	0	0.52	0.63	0.11	-0.21	-0.19	0	0	0	0	0	0
12/1/2023 18:41	41901 REED_T1	9	7	-2	0.34	0.39	0.05	0	0	0	0	0	0	0	0
12/1/2023 18:41	40201 BEGA_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/1/2023 18:42	56802 BENV_T2	22	87	65	0.26	0.22	-0.04	-1.3	-1.27	0	0	0	0	0	0
12/1/2023 18:42	56501 ROCK_T2	13	96	83	0.15	0.19	0.04	-1.5	-1.52	0	0	0	0	0	0
12/1/2023 18:42	43304 WATS_T2	2	1	-1	0.35	0	-0.35	-0.79	-0.85	0	0	0	0	0	0
12/1/2023 18:42	46903 MNTG_T2	4	11	7	0.1	0.15	0.05	-0.21	-0.19	1	1	0	600	600	0
12/1/2023 18:42	40101 HUNT_T2	3	8	5	0.3	0.25	-0.05	-1.54	-1.58	0	0	0	0	0	0
12/1/2023 18:43	52404 GRPA_T2	1	1	0	0.2	0.5	0.3	0	0	0	0	0	0	0	0
12/1/2023 18:43	46801 HEPB_T2	0	0	0	0	0	0	0.64	0.65	0	0	0	0	0	0
12/1/2023 18:43	40902 JESH_T1	0	0	0	0	0	0	-0.66	-0.66	0	0	0	0	0	0
12/1/2023 18:44	52404 GRPA_T2	1	1	0	0.2	0.5	0.3	0	0	0	0	0	0	0	0
12/1/2023 18:45	43304 WATS_T2	0	2	2	0	0	0	-0.4	-0.42	0	0	0	0	0	0
12/1/2023 18:45	58402 MORO_T1	0	0	0	0	0	0	-0.03	-0.11	2	2	0	1500	1500	0
12/1/2023 18:45	54503 ENOL_T2	0	1	1	0	0	0	-1.01	-1.02	1	1	0	600	600	0
12/1/2023 18:45	52404 GRPA_T2	1	1	0	0.3	0.6	0.3	0	0	0	0	0	0	0	0
12/1/2023 18:45	43301 WATS_T2	0	0	0	0	0	0	-0.59	0.39	1	0	-1	900	0	-900
12/1/2023 18:45	56501 ROCK_T2	48	107	59	0.17	0.22	0.05	-1.5	-1.52	0	0	0	0	0	0
12/1/2023 18:46	52403 GRPA_T2	2	2	0	0.1	0	-0.1	0.04	0.04	0	0	0	0	0	0
12/1/2023 18:46	56504 ROCK_T2	0	1	1	0	0	0	-0.03	-0.01	0	0	0	0	0	0
12/1/2023 18:46	43302 WATS_T2	4	4	0	1	0.68	-0.32	-0.83	-0.88	2	2	0	1800	1800	0
12/1/2023 18:46	46901 MNTG_T2	0	1	1	0	0	0	1.05	0.96	0	0	0	0	0	0
12/1/2023 18:46	43304 WATS_T2	0	2	2	0	0	0	-0.4	-0.42	0	0	0	0	0	0
12/1/2023 18:46	43304 WATS_T2	0	2	2	0	0	0	-0.4	-0.42	0	0	0	0	0	0
12/1/2023 18:46	46901 MNTG_T2	0	1	1	0	0	0	1.05	0.96	0	0	0	0	0	0
12/1/2023 18:46	53501 EVIL_T2	1	1	0	0.5	0.3	-0.2	-0.8	-0.72	1	1	0	600	600	0
12/1/2023 18:46	56504 ROCK_T2	0	1	1	0	0	0	-0.03	-0.01	0	0	0	0	0	0
12/1/2023 18:46	54701 NEBL_T1	1	1	0	0.6	0.7	0.1	0	0	1	1	0	600	600	0
12/1/2023 18:46	43001 ALWD_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/1/2023 18:47	43301 WATS_T2	0	0	0	0	0	0	-1.18	0.77	2	0	-2	1800	0	-1800
12/1/2023 18:47	57403 SPAN_T1	2	5	3	0.1	0.18	0.08	0.13	0.12	0	0	0	0	0	0
12/1/2023 18:47	43302 WATS_T2	4	4	0	1	0.68	-0.32	0	0	0	0	0	0	0	0
12/1/2023 18:47	54701 NEBL_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/1/2023 18:47	56501 ROCK_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/1/2023 18:47	42201 SHEN_T2	0	0	0	0	0	0	0.02	0.04	1	1	0	600	600	0
12/1/2023 18:47	52402 GRPA_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/1/2023 18:48	56801 BENV_T1	26	30	4	0.58	0.71	0.13	-0.67	-0.64	1	1	0	600	600	0
12/1/2023 18:48	43302 WATS_T2	4	4	0	1	0.68	-0.32	0	0	0	0	0	0	0	0
12/1/2023 18:48	53903 HALI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/1/2023 18:48	57403 SPAN_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/1/2023 18:49	58401 MORO_T1	1	0	-1	0.3	0	-0.3	0	0	0	0	0	0	0	0
12/1/2023 18:50	55002 NEWP_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/1/2023 18:50	56802 BENV_T2	67	102	35	0.25	0.21	-0.04	-2.59	-2.54	0	0	0	0	0	0
12/1/2023 18:50	53901 HALI_T2	1	1	0	0.1	0.2	0.1	0	0	0	0	0	0	0	0
12/1/2023 18:50	43001 ALWD_T1	10	11	1	0.2	0.29	0.09	0	0	0	0	0	0	0	0
12/1/2023 18:51	43304 WATS_T2	0	2	2	0	0	0	0	0	0	0	0	0	0	0
12/1/2023 18:51	56801 BENV_T1	26	30	4	0.58	0.71	0.13	-0.67	-0.64	1	1	0	600	600	0
12/1/2023 18:52	56802 BENV_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/1/2023 18:52	43301 WATS_T2	0	0	0	0	0	0	-0.59	0.39	1	0	-1	900	0	-900
12/1/2023 18:53	43301 WATS_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/1/2023 18:54	55105 WERT_T1	0	1	1	0	0	0	-0.5	-0.53	1	1	0	900	900	0
12/1/2023 19:26	43402 BENT_T1	0	0	0	0	0	0	-0.87	-0.87	1	1	0	900	900	0
12/1/2023 19:29	43402 BENT_T1	0	0	0	0	0	0	-0.87	-0.87	1	1	0	900	900	0
12/1/2023 20:26	43402 BENT_T1	0	0	0	0	0	0	-0.9	-0.89	1	1	0	900	900	0
12/1/2023 20:29	43402 BENT_T1	0	0	0	0	0	0	-0.9	-0.89	1	1	0	900	900	0
12/1/2023 20:46	43402 BENT_T1	0	0	0	0	0	0	-0.89	-0.9	1	1	0	900	900	0
12/2/2023 0:28	52402 GRPA_T2	1	1	0	1.9	2.3	0.4	0	0	0	0	0	0	0	0
12/2/2023 0:28	43201 MVIL_T2	0	0	0	0	0	0	-1.34	-1.35	0	0	0	0	0	0
12/2/2023 0:28	20402 ASHF_T2	0	1	1	0	0	0	0	0	0	0	0	0	0	0
12/2/2023 0:28	54202 PENN_T2	0	0	0	0	0	0	0.46	0.51	0	0	0	0	0	0
12/2/2023 0:28	62604 ENGL_T1	0	0	0	0	0	0	-0.56	-0.53	1	1	0	600	600	0
12/2/2023 0:28	27502 WEIS_T2	0	0	0	0	0	0	-0.18	-0.22	0	0	0	0	0	0
12/2/2023 0:28	45902 AUBU_T1	0	0	0	0	0	0	-0.89	-0.89	1	1	0	600	600	0
12/2/2023 0:28	29402 BELT_T1	1	1	0	6.6	7.2	0.6	0	0	0	0	0	0	0	0
12/2/2023 0:28	64101 REFR_T1	0	0	0	0	0	0	-0.01	-0.01	0	0	0	0	0	0
12/2/2023 0:28	40603 PIGR_T1	0	0	0	0	0	0	0.25	0.23	0	0	0	0	0	0
12/2/2023 0:28	56802 BENV_T2	0	1	1	0	0.2	0.2	-3	-2.94	0	0	0	0	0	0
12/2/2023 0:28	40101 HUNT_T2	2	0	-2	0.25	0	-0.25	-0.76	-0.78	0	0	0	0	0	0
12/2/2023 0:28	43304 WATS_T2	0	0	0	0	0	0	-0.57	-0.59	0	0	0	0	0	0
12/2/2023 0:28	59101 WALK_T2	1	1	0	0	0	0	1.34	1.31	0	0	0	0	0	0
12/2/2023 0:28	41801 GOCI_T2	1	0	-1	0.5	0	-0.5	0	0	0	0	0	0	0	0
12/2/2023 4:16	65001 NEFF_T2	1	0	-1	0.1	0	-0.1	-1.54	-1.5	1	1	0	1200	1200	0
12/2/2023 4:17	45502 DERR_T2	1	1	0	0.2	0.4	0.2	0	0	0	0	0	0	0	0
12/2/2023 4:25	65001 NEFF_T2	1	0	-1	0.1	0	-0.1	-1.54	-1.5	1	1	0	1200	1200	0
12/2/2023 6:05	65001 NEFF_T2	0	0	0	0	0	0	-1.44	-1.43	1	1	0	1200	1200	0
12/2/2023 7:55	43402 BENT_T1	0	1	1	0	0	0	-0.88	-0.89	1	1	0	900	900	0
12/2/2023 7:55	45502 DERR_T2	1	0	-1	0.1	0	-0.1	0	0	0	0	0	0	0	0
12/2/2023 7:56	43402 BENT_T1	0	1	1	0	0	0	-0.89	-0.87	1	1	0	900	900	0
12/2/2023 8:12	45501 DERR_T2	0	0	0	0	0	0	0.15	0.18	1	1	0	600	600	0
12/2/2023 8:26	43402 BENT_T1	1	1	0	0.3	0.3	0	-0.89	-0.85	1	1	0	900	900	0
12/2/2023 8:29	43402 BENT_T1	1	1	0	0.3	0.3	0	-0.89	-0.85	1	1	0	900	900	0
12/2/2023 8:31	55002 NEWP_T1	0	1	1	0	0.1	0.1	-0.2	-0.2	0	0	0	0	0	0
12/2/2023 8:37	65001 NEFF_T2	0	0	0	0	0	0	-1.27	-1.21	1	1	0	1200	1200	0
12/2/2023 8:44	52403 GRPA_T2	0	22	22	0	0	0	-0.07	-0.06	0	0	0	0	0	0
12/2/2023 9:00	43402 BENT_T1	0	0	0	0	0	0	-0.86	-0.87	1	1	0	900	900	0
12/2/2023 9:00	54701 NEBL_T1	0	0	0	0	0	0	0	0	1	1	0	600	600	0
12/2/2023 9:00	46004 BERW_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/2/2023 9:00	53903 HALI_T2	0	0	0	0	0	0	-0.24	-0.24	0	0	0	0	0	0
12/2/2023 9:00	67503 WEWI_T2	0	0	0	0	0	0	-0.31	-0.33	0	0	0	0	0	0
12/2/2023 9:00	60201 ATGL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/2/2023 9:00	56504 ROCK_T2	0	0	0	0	0	0	-0.24	-0.24	0	0	0	0	0	0
12/2/2023 9:00	64204 KINZ_T1	1	1	0	0.5	0.5	0	0	0	0	0	0	0	0	0
12/2/2023 9:00	45902 AUBU_T1	0	0	0	0	0	0	-0.68	-0.71	1	1	0	600	600	0
12/2/2023 9:00	47101 MARL_T1	0	6	6	0	0	0	-0.8	-0.8	1	1	0	600	600	0
12/2/2023 9:00	52503 PROG_T2	0	0	0	0	0	0	-0.65	-0.65	1	1	0	900	900	0
12/2/2023 9:01	40101 HUNT_T2	0	0	0	0	0	0	-0.72	-0.68	0	0	0	0	0	0
12/2/2023 9:08	43402 BENT_T1	0	0	0	0	0	0	-0.86	-0.87	1	1	0	900	900	0
12/2/2023 9:09	45901 AUBU_T1	0	0	0	0	0	0	1	0.99	0	0	0	0	0	0
12/2/2023 9:09	45902 AUBU_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/2/2023 9:09	45502 DERR_T2

12/2/2023 10:05	40603 PIGR_T1	0	0	0	0	0	0	0.33	0.32	0	0	0	0	0	0
12/2/2023 10:05	59101 WALK_T2	1	1	0	0	0	0	1.51	1.61	0	0	0	0	0	0
12/2/2023 10:06	64101 REFR_T1	0	0	0	0	0	0	0.05	0.1	0	0	0	0	0	0
12/2/2023 10:07	43304 WATS_T2	0	1	1	0	0	0	-0.76	-0.83	0	0	0	0	0	0
12/2/2023 10:07	64101 REFR_T1	0	0	0	0	0	0	0.03	0.05	0	0	0	0	0	0
12/2/2023 10:08	43201 MVIL_T2	0	0	0	0	0	0	-0.36	-0.37	0	0	0	0	0	0
12/2/2023 10:09	46203 DANV_T2	0	0	0	0	0	0	-1.3	-1.29	0	0	0	0	0	0
12/2/2023 10:09	43001 ALWD_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/2/2023 10:09	59101 WALK_T2	1	1	0	0	0	0	1.51	1.61	0	0	0	0	0	0
12/2/2023 10:09	43401 BENT_T1	3	1	-2	0.93	0	-0.93	0	0	0	0	0	0	0	0
12/2/2023 10:10	10801 CHHI_T1	0	0	0	0	0	0	-1.55	-1.57	2	2	0	1500	1500	0
12/2/2023 10:13	12701 MACU_T1	0	0	0	0	0	0	0.06	0.06	0	0	0	0	0	0
12/2/2023 10:14	26401 INOR_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/2/2023 10:15	52401 GRPA_T2	1	0	-1	0.3	0	-0.3	0	0	0	0	0	0	0	0
12/2/2023 10:15	26401 INOR_T1	0	0	0	0	0	0	0.23	0.26	0	0	0	0	0	0
12/2/2023 10:17	12701 MACU_T1	0	0	0	0	0	0	0.06	0.06	0	0	0	0	0	0
12/2/2023 10:18	56501 ROCK_T2	1	0	-1	0.9	0	-0.9	-1.57	-1.57	0	0	0	0	0	0
12/2/2023 10:19	16402 MOPO_T1	0	0	0	0	0	0	-0.55	-0.53	0	0	0	0	0	0
12/2/2023 10:22	44301 BEAV_T2	0	0	0	0	0	0	-0.7	-0.67	1	1	0	600	600	0
12/2/2023 10:22	49803 UNIV_T1	0	0	0	0	0	0	-1.11	-1.1	0	0	0	0	0	0
12/2/2023 10:24	45902 AUBU_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/2/2023 10:26	17804 GILB_T2	0	0	0	0	0	0	-0.55	-0.55	0	0	0	0	0	0
12/2/2023 10:29	67602 WARW_T2	0	0	0	0	0	0	0.34	0.33	0	0	0	0	0	0
12/2/2023 10:29	43401 BENT_T1	1	0	-1	0.1	0	-0.1	0	0	0	0	0	0	0	0
12/2/2023 10:29	17805 GILB_T2	0	0	0	0	0	0	0.03	0.02	0	0	0	0	0	0
12/2/2023 10:30	63804 HEMP_T1	1	1	0	6	5.8	-0.2	0.8	0.77	0	0	0	0	0	0
12/2/2023 10:30	17802 GILB_T1	0	0	0	0	0	0	0.08	0.1	0	0	0	0	0	0
12/2/2023 10:30	39601 LNFD_T1	0	0	0	0	0	0	0	0	1	1	0	900	900	0
12/2/2023 10:31	17805 GILB_T2	0	0	0	0	0	0	0.03	0.02	0	0	0	0	0	0
12/2/2023 10:33	46302 ROHR_T1	2	2	0	0.5	0.5	0	0.2	0.21	0	0	0	0	0	0
12/2/2023 10:33	57401 SPAN_T1	0	0	0	0	0	0	-1.14	-1.15	1	1	0	600	600	0
12/2/2023 10:34	12701 MACU_T1	0	0	-1	0	0	0	0.06	0.06	0	0	0	0	0	0
12/2/2023 10:34	46302 ROHR_T1	2	2	0	0.5	0.5	0	0.2	0.21	0	0	0	0	0	0
12/2/2023 10:36	57401 SPAN_T1	0	0	0	0	0	0	-3.42	-3.45	3	3	0	1800	1800	0
12/2/2023 10:36	43301 WATS_T2	0	0	0	0	0	0	-0.59	-0.62	1	1	0	900	900	0
12/2/2023 10:36	43301 WATS_T2	0	0	0	0	0	0	-0.59	-0.62	1	1	0	900	900	0
12/2/2023 10:36	16302 ALPA_T2	0	0	0	0	0	0	-1.68	-1.68	0	0	0	0	0	0
12/2/2023 10:37	16302 ALPA_T2	0	0	0	0	0	0	-0.84	-0.84	0	0	0	0	0	0
12/2/2023 10:37	12701 MACU_T1	0	1	1	0	0	0	0.06	0.06	0	0	0	0	0	0
12/2/2023 10:37	42701 AUGU_T1	0	0	0	0	0	0	0	0	2	2	0	1800	1800	0
12/2/2023 10:37	43304 WATS_T2	0	2	2	0	0	0	-0.81	-0.79	0	0	0	0	0	0
12/2/2023 10:37	46302 ROHR_T1	2	2	0	0.5	0.5	0	0.2	0.21	0	0	0	0	0	0
12/2/2023 10:37	43001 ALWD_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/2/2023 10:38	60201 ATGL_T2	0	0	0	0	0	0	0.19	0.11	0	0	0	0	0	0
12/2/2023 10:38	42701 AUGU_T1	0	0	0	0	0	0	0	0	2	2	0	1800	1800	0
12/2/2023 10:38	49803 UNIV_T1	0	0	0	0	0	0	-1.1	-1.1	0	0	0	0	0	0
12/2/2023 10:38	57401 SPAN_T1	0	0	0	0	0	0	-1.14	-1.15	1	1	0	600	600	0
12/2/2023 10:38	56801 BENV_T1	7	4	-3	0.33	0.25	-0.08	-0.73	-0.74	1	1	0	600	600	0
12/2/2023 10:38	67503 WEWI_T2	0	0	0	0	0	0	-0.37	-0.37	0	0	0	0	0	0
12/2/2023 10:41	16302 ALPA_T2	0	0	0	0	0	0	-0.84	-0.85	0	0	0	0	0	0
12/2/2023 10:41	56801 BENV_T1	7	4	-3	0.33	0.25	-0.08	-0.74	-0.74	1	1	0	600	600	0
12/2/2023 10:43	64204 KINZ_T1	1	1	0	0.6	1	0.4	0	0	0	0	0	0	0	0
12/2/2023 10:44	46801 HEPB_T2	0	0	0	0	0	0	0.6	0.6	0	0	0	0	0	0
12/2/2023 10:46	52002 LING_T2	1	1	0	0.8	0.8	0	-0.13	-0.13	0	0	0	0	0	0
12/2/2023 10:50	40602 PIGR_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/2/2023 10:50	66504 SMAN_T2	0	0	0	0	0	0	-0.44	-0.53	0	0	0	0	0	0
12/2/2023 10:51	40602 PIGR_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/2/2023 10:51	64101 REFR_T1	0	0	0	0	0	0	0.14	0.13	0	0	0	0	0	0
12/2/2023 10:53	27502 WEIS_T2	0	0	0	0	0	0	-0.54	-0.56	0	0	0	0	0	0
12/2/2023 10:53	46001 BERW_T1	0	0	0	0	0	0	0.7	0.71	0	0	0	0	0	0
12/2/2023 10:53	14403 SSLA_T1	0	0	0	0	0	0	0.58	0.6	0	0	0	0	0	0
12/2/2023 10:55	60803 BUCK_T1	0	0	0	0	0	0	-0.97	-0.94	1	1	0	600	600	0
12/2/2023 10:55	46004 BERW_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/2/2023 10:56	46001 BERW_T1	0	0	0	0	0	0	0.71	0.68	0	0	0	0	0	0
12/2/2023 10:56	61801 EEU_T2	0	0	0	0	0	0	-0.99	-1.03	1	1	0	600	600	0
12/2/2023 10:56	60803 BUCK_T1	0	0	0	0	0	0	-0.94	-0.98	1	1	0	600	600	0
12/2/2023 10:59	52501 PROG_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/2/2023 11:01	52403 GRPA_T2	11	9	-2	0.78	0.25	-0.53	-0.04	-0.02	0	0	0	0	0	0
12/2/2023 11:02	55002 NEWP_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/2/2023 11:03	44601 SALE_T2	0	0	0	0	0	0	-0.01	-0.13	0	0	0	0	0	0
12/2/2023 11:03	57403 SPAN_T1	0	0	0	0	0	0	0.1	0.1	0	0	0	0	0	0
12/2/2023 11:03	55002 NEWP_T1	2	4	2	0.55	0.3	-0.25	-0.24	-0.23	0	0	0	0	0	0
12/2/2023 11:03	64101 REFR_T1	0	0	0	0	0	0	0.13	0.13	0	0	0	0	0	0
12/2/2023 11:04	44601 SALE_T2	0	0	0	0	0	0	-0.01	-0.13	0	0	0	0	0	0
12/2/2023 11:04	59101 WALK_T2	1	3	2	0	1.1	1.1	1.25	1.35	0	0	0	0	0	0
12/2/2023 11:04	55002 NEWP_T1	2	4	2	0.55	0.3	-0.25	-0.24	-0.23	0	0	0	0	0	0
12/2/2023 11:05	64101 REFR_T1	0	0	0	0	0	0	0.13	0.13	0	0	0	0	0	0
12/2/2023 11:06	60201 ATGL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/2/2023 11:06	64101 REFR_T1	0	0	0	0	0	0	0.13	0.13	0	0	0	0	0	0
12/2/2023 11:07	64101 REFR_T1	0	0	0	0	0	0	0.26	0.26	0	0	0	0	0	0
12/2/2023 11:07	59101 WALK_T2	1	3	2	0	1.1	1.1	1.25	1.35	0	0	0	0	0	0
12/2/2023 11:08	59101 WALK_T2	1	3	2	0	1.1	1.1	2.5	2.7	0	0	0	0	0	0
12/2/2023 11:08	43304 WATS_T2	0	0	0	0	0	0	-0.77	-0.73	0	0	0	0	0	0
12/2/2023 11:08	57403 SPAN_T1	0	0	0	0	0	0	0.1	0.1	0	0	0	0	0	0
12/2/2023 11:09	43402 BENT_T1	0	1	1	0	0	0	-0.87	-0.88	1	1	0	900	900	0
12/2/2023 11:09	43304 WATS_T2	0	0	0	0	0	0	-0.77	-0.73	0	0	0	0	0	0
12/2/2023 11:10	59102 WALK_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/2/2023 11:13	61801 EEU_T2	0	0	0	0	0	0	-2.06	-1.98	2	2	0	1200	1200	0
12/2/2023 11:13	48901 FOSP_T2	0	0	0	0	0	0	-0.46	-0.46	1	1	0	600	600	0
12/2/2023 11:13	45702 LIND_T2	0	1	1	0	0.1	0.1	-0.51	-0.52	0	0	0	0	0	0
12/2/2023 11:15	48901 FOSP_T2	0	0	0	0	0	0	-0.92	-0.92	2	2	0	1200	1200	0
12/2/2023 11:17	55002 NEWP_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/2/2023 11:17	59402 RFLD_T2	0	0	0	0	0	0	-0.78	-0.81	1	1	0	450	450	0
12/2/2023 11:18	55002 NEWP_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/2/2023 11:19	55002 NEWP_T1	4	4	0	0.25	0.45	0.2	-0.23	-0.22	0	0	0	0	0	0
12/2/2023 11:20	55002 NEWP_T1	4	4	0	0.25	0.45	0.2	-0.23	-0.22	0	0	0	0	0	0
12/2/2023 11:20	67204 TEHI_T2	0	0	0	0	0	0	-0.2	-0.2	0	0	0	0	0	0
12/2/2023 11:21	46203 DANV_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/2/2023 11:22	67204 TEHI_T2	0	0	0	0	0	0	-0.2	-0.2	0	0	0	0	0	0
12/2/2023 11:23	59202 THOM_T1	2	12	10	0.15	0.2	0.05	0	0	0	0	0	0	0	0
12/2/2023 11:24	56802 BENV_T2	0	1	1	0	0.1	0.1	-2.68	-2.74	0	0	0	0	0	0
12/2/2023 11:24	10805 CHHI_T2	1	7	6	7.9	1.51	-6.39	-1.05	-1.02	0	0	0	0	0	0
12/2/2023 11:25	57401 SPAN_T1	0	0	0	0	0	0	-0.93	-0.81	1	1	0	600	600	0
12/2/2023 11:28	39601 LNFD_T1	0	0	0	0	0	0	0	0	1	1	0	900	900	0
12/2/2023 11:28	40101 HUNT_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/2/2023 11:29	45702 LIND_T2	0	1	1	0	0.3	0.3	-0.52	-0.55	0	0	0	0	0	0
12/2/2023 11:29	40101 HUNT_T2	0	0	0	0	0	0	-1.42	-1.38	0	0	0	0	0	0
12/2/2023 11:29	43402 BENT_T1	0	1	1	0	0	0	-0.88	-0.89	1	1	0	900	900	0
12/2/2023 11:30	40101 HUNT_T2	0	0	0	0	0	0	-0.71	-0.69	0	0	0	0	0	0
12/2/2023 11:30	52004 LING_T2	1	0	-1	9.9	0	-9.9	0.12	0.16	0	0	0	0	0	0
12/2/2023 11:32	43201 MVIL_T2	1	0	-1	0.1	0	-0.1	0	0	0	0	0	0	0	0
12/2/2023 11:32	59402 RFLD_T2	0	0	0	0	0	0	-0.81	-0.83	1	1	0	450	450	0
12/2/2023 11:34	59101 WALK_T2	3	4	1	1.1	0.3	-0.8	1.69	1.65	0	0	0	0	0	0
12/2/2023 11:35	64101 REFR_T1	0	0	0	0	0	0	0.14	0.26	0	0	0	0	0	0
12/2/2023 11:35	14403 SSLA_T1	0	1	1	0	0.2	0.2	0.59	0.57	0	0	0	0	0	0
12/2/2023 11:36	46302 ROHR_T1	1	3	2	0.1	0.33	0.23	0.36	0.4	0	0	0	0	0	0
12/2/2023 11:36	64101 REFR_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/2/2023 11:36	59101 WALK_T2	3	4	1	1.1	0.3	-0.8	1.69	1.65	0	0	0	0	0	0
12/2/2023 11:37	64101 REFR_T1	0	0	0	0	0	0	0.14	0.26	0	0	0	0	0	0
12/2/2023 11:38	67602 WARW_T2	0	0	0	0	0	0	0.35	0.37	0	0	0	0	0	0
12/2/2023 11:39	28604 BLYT_T2	0	0	0	0	0	0	-1.34	-1.37	0	0	0	0	0	0
12/2/2023 11:41	48901 FOSP_T2	0	0	0	0	0	0	-0.47	-0.45	1	1	0	600	600	0
12/2/2023 11:43	48901 FOSP_T2	0	0	0	0	0	0	-0.47	-0.45	1	1	0	600	600	0
12/2/2023 11:44	40101 HUNT_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/2/2023 11:44	39601 LNFD_T1	0	0	0	0	0	0	0	0	1	1	0	900	900	0
12/2/2023 11:45	55002 NEWP_T1	4	6	2	0.45	0.68	0.23	-0.25	-0.24	0	0	0	0	0	0
12/2/2023 11:45	40101 HUNT_T2	0	0	0	0	0	0	-1.38	-1.41	0	0	0	0	0	0
12/2/2023 11:45	48902 FOSP_T2	0	1	1	0	0	0	0	0	0	0	0	0	0	0
12/2/2023 11:46	52002 LING_T2	1	1	0	0.7	0.9	0.2	0	0	0	0	0	0	0	0
12/2/2023 11:47	40101 HUNT_T2	0	0	0	0	0	0	-0.69	-0.7	0	0	0	0	0	0
12/2/2023 11:47	64101 REFR_T1	0	0	0	0	0	0	0.13	0.09	0	0	0	0	0	0
12/2/2023 11:48	59402 RFLD_T2	0	0	0	0	0	0	-0.83	-0.79	1	1	0	450	450	0
12/2/2023 11:48	64101 REFR_T1	0	0	0	0	0	0	0.13	0.09	0	0	0	0	0	0
12/2/2023 11:49	55002 NEWP_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/2/2023 11:50	64101 REFR_T1	0	0	0	0	0	0	0.13	0.09	0	0	0	0	0	0
12/2/2023 11:50	55002 NEWP_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/2/2023 11:51	14403 SSLA_T1	1	1	0	0.2	0.1	-0.1	0.57	0.54	0	0	0	0	0	0
12/2/2023 11:52	64101 REFR_T1	0	0	0	0	0	0	0.13	0.09	0	0	0	0	0	0
12/2/2023 11:53	59202 THOM_T1	12	35	23	0.2	0.19	-0.01	0	0	0	0	0	0	0	0
12/2/2023 11:54	67602 WARW_T2	0	0	0	0	0	0	0.37	0.36	0	0	0	0	0	0
12/2/2023 11:59	40101 HUNT_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/2/2023 11:59	58402 MORO_T1	0	0	0	0	0	0	-0.66	-0.65	2	2	0	1500	1500	0
12/2/2023 12:00	45003 LIME_2	1	1	0	3.8	4.3	0.5	0	0	1	1	0	1200	1200	0
12/2/2023 12:01	45001 LIME_2	5	4	-1	1.18	0.1	-1.08	0	0	0	0	0	0	0	0
12/2/2023 12:01	40101 HUNT_T2	0	0	0	0	0	0	-1.41	-1.43	0	0	0	0	0	0
12/2/2023 12:03	59402 RFLD_T2	0	0	0	0	0	0	-0.79	-0.82	1	1	0	450	450	0
12/2/2023 12:03	64101 REFR_T1	0	0	0	0	0	0	0.18	0.05	0	0	0	0	0	0
12/2/2023 12:04	67204 TEHI_T2	0	1	1	0	0.2	0.2	0.11	0.09	0	0	0	0	0	0
12/2/2023 12:05	58402 MORO_T1	0	0	0	0	0	0	-0.66	-0.65	2	2	0	1500	1500	0
12/2/2023 12:06	64101 REFR_T1	0	0	0	0	0	0	0.09	0.03	0	0	0	0	0	0
12/2/2023 12:07	66701 STRA_T1	0	1	1	0	0.2	0.2	0	0	0	0	0	0	0	0
12/2/2023 12:07	67204 TEHI_T2	0	1	1	0	0.2	0.2	0.11	0.09	0	0	0	0	0	0
12/2/2023 12:09	43402 BENT_T1	0	2	2	0	0	0	-0.88	-0.87	1	1	0	900	900	0
12/2/2023 12:17	65004 NEFF_T2	0	0	0	0	0	0	-0.96	-0.96	1	1	0	600	600	0
12/2/2023 12:23	14802 TREI_T2	0	1	1	0	0	0	0.64	0.64	0	0	0	0	0	0
12/2/2023 12:28	42102 FRAI_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/2/2023 12:37	29401 BELT_T1	0	0	0	0	0	0	0	0	1	1	0	900	900	0
12/2/2023 12:38	29401 BELT_T1	0	0	0	0	0	0	0	0	1	1	0	900	900	0
12/2/2023 12:42	54504 ENOL_T2	0	0	0	0	0	0	-1.11	-1.11	1	1	0	600	600	0
12/2/2023 12:43	45003 LIME_2	1	1	0	4.2	4.5	0.3	0	0	1	1	0	1200	1200	0
12/2/2023 12:43	40101 HUNT_T2	0	0	0	0	0	0	-0.73	-0.73	0	0	0	0	0	0
12/2/2023 12:47	45002 LIME_2	0	2	2	0	0	0	0	0	0	0	0	0	0	0
12/2/2023 12:47	40101 HUNT_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/2/2023 12:49	14403 SSLA_T1	0	0	0	0	0	0	0.52	0.53	0	0	0	0	0	0
12/2/2023 12:50	66701 STRA_T1	1	1	0	1.3	0.8	-0.5	0	0	0	0	0	0	0	0
12/2/2023 12:59	40101 HUNT_T2	0	0	0	0	0	0	-0.73	-0.73	0	0	0	0	0	0
12/2/2023 13:01	63203 MGTN_T1	0	0	0	0	0	0	-0.22	-0.22	1	1	0	600	600	0
12/2/2023 13:03	58402 MORO_T1	0	0	0	0	0	0	-0.57	-0.61	2	2	0	1500	1500	0
12/2/2023 13:03	55002 NEWP_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/2/2023 13:04	59302 MCAL_T1	2	1	-1	0.3	0.8	0.5	-0.38	-0.43	1	1	0	600	600	0
12/2/2023 13:04	55002 NEWP_T1	6	6	0	0.7	0.77	0.07	-0.23	-0.22	0	0	0	0	0	0
12/2/2023 13:05	64101 REFR_T1	0	0	0	0	0	0	-0.01	0.03	0	0	0	0	0	0
12/2/2023 13:07	64101 REFR_T1	0	0	0	0	0	0	-0.01	0.05	0	0	0	0	0	0
12/2/2023 13:18	47402 PENS_T1	119	120	1	2.74	4.1	1.36	0	0	0	0	0	0	0	0
12/2/2023 13:20	14403 SSLA_T1	0	0	0	0	0	0	0.55	0.53	0	0	0	0	0	0
12/2/2023 13:22	16301 ALPA_T1	4	5	1	0.3	0.24	-0.06	-0.4	-0.42	0	0	0	0	0	0
12/2/2023 13:23	16301 ALPA_T1	4	5	1	0.3	0.24	-0.06	-0.8	-0.84	0	0	0	0	0	0
12/2/2023 13:24	16301 ALPA_T1	4	5	1	0.3	0.24	-0.06	-0.4	-0.42	0	0	0	0	0	0
12/2/2023 13:30	46901 MNTG_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/2/2023 13:31	59301 MCAL_T1	50	26	-24	0.3	0.23	-0.07	-1.36	-1.4	0	0	0	0	0	0
12/2/2023 13:32	64101 REFR_T1	0	0	0	0	0	0	0.

Appendix C - Grid Benefits Achieved in Each Instance of Active Management

12/2/2023 14:19	47402 PENS_T1	120	120	0	3.42	3.49	0.07	0	0	0	0	0	0	0	0
12/2/2023 14:19	59101 WALK_T2	1	1	0	0	0	0	1.18	1.16	0	0	0	0	0	0
12/2/2023 14:19	57401 SPAN_T1	0	2	2	0	0.25	0.25	-1.05	-1.02	1	1	0	600	600	0
12/2/2023 14:19	52402 GRPA_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/2/2023 14:20	43202 MVIL_T2	0	0	0	0	0	0	-0.7	-0.68	0	0	0	0	0	0
12/2/2023 14:20	53903 HAU_T2	2	2	0	0.5	0.55	0.05	-0.26	-0.25	0	0	0	0	0	0
12/2/2023 14:21	47402 PENS_T1	120	120	0	3.42	3.49	0.07	0	0	0	0	0	0	0	0
12/2/2023 14:21	16301 ALPA_T1	24	27	3	0.15	0.15	0	-0.44	-0.43	0	0	0	0	0	0
12/2/2023 14:21	59101 WALK_T2	1	1	0	0	0	0	1.18	1.16	0	0	0	0	0	0
12/2/2023 14:22	58003 WCAR_T1	1	1	0	1.1	1	-0.1	-0.19	-0.18	1	1	0	600	600	0
12/2/2023 14:22	57401 SPAN_T1	0	2	2	0	0.25	0.25	-1.05	-1.02	1	1	0	600	600	0
12/2/2023 14:22	59101 WALK_T2	1	1	0	0	0	0	2.37	2.31	0	0	0	0	0	0
12/2/2023 14:22	16301 ALPA_T1	24	27	3	0.15	0.15	0	-0.44	-0.43	0	0	0	0	0	0
12/2/2023 14:22	20403 ASHF_T2	0	0	0	0	0	0	0.1	0.12	0	0	0	0	0	0
12/2/2023 14:22	57401 SPAN_T1	0	2	2	0	0.25	0.25	-1.05	-1.02	1	1	0	600	600	0
12/2/2023 14:22	56501 ROCK_T2	4	3	-1	0.25	0.23	-0.02	-1.11	-1.05	0	0	0	0	0	0
12/2/2023 14:22	56802 BENV_T2	84	100	16	0.21	0.21	0	-1.44	-1.45	0	0	0	0	0	0
12/2/2023 14:22	16302 ALPA_T2	0	0	0	0	0	0	-1.72	-1.74	0	0	0	0	0	0
12/2/2023 14:22	15001 BLMO_T1	21	15	-6	0.34	0.37	0.03	0	0	0	0	0	0	0	0
12/2/2023 14:23	43301 WATS_T2	0	0	0	0	0	0	-0.63	-0.66	1	1	0	900	900	0
12/2/2023 14:23	57403 SPAN_T1	1	0	-1	0.4	0	-0.4	0.03	0.04	0	0	0	0	0	0
12/2/2023 14:23	67502 WEWI_T2	1	3	2	0.1	0.27	0.17	-1.54	-1.55	1	1	0	900	900	0
12/2/2023 14:23	57401 SPAN_T1	0	2	2	0	0.25	0.25	-1.05	-1.02	1	1	0	600	600	0
12/2/2023 14:23	56501 ROCK_T2	4	3	-1	0.25	0.23	-0.02	-1.11	-1.05	0	0	0	0	0	0
12/2/2023 14:23	67502 WEWI_T2	1	3	2	0.1	0.27	0.17	-1.54	-1.55	1	1	0	900	900	0
12/2/2023 14:23	56802 BENV_T2	84	100	16	0.21	0.21	0	-5.76	-5.8	0	0	0	0	0	0
12/2/2023 14:23	16302 ALPA_T2	0	0	0	0	0	0	-0.86	-0.87	0	0	0	0	0	0
12/2/2023 14:24	43301 WATS_T2	0	0	0	0	0	0	-1.26	-1.31	2	2	0	1800	1800	0
12/2/2023 14:24	16301 ALPA_T1	24	27	3	0.15	0.15	0	-0.44	-0.43	0	0	0	0	0	0
12/2/2023 14:24	20403 ASHF_T2	0	0	0	0	0	0	0.1	0.12	0	0	0	0	0	0
12/2/2023 14:24	57403 SPAN_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/2/2023 14:24	56801 BENV_T1	31	28	-3	0.89	0.82	-0.07	-0.83	-0.82	1	1	0	600	600	0
12/2/2023 14:25	67502 WEWI_T2	1	3	2	0.1	0.27	0.17	-3.08	-3.09	2	2	0	1800	1800	0
12/2/2023 14:25	15001 BLMO_T1	21	15	-6	0.34	0.37	0.03	0	0	0	0	0	0	0	0
12/2/2023 14:25	56802 BENV_T2	84	100	16	0.21	0.21	0	-1.44	-1.45	0	0	0	0	0	0
12/2/2023 14:26	56802 BENV_T2	84	100	16	0.21	0.21	0	-2.9	-2.96	0	0	0	0	0	0
12/2/2023 14:26	16301 ALPA_T1	24	27	3	0.15	0.15	0	-0.43	-0.44	0	0	0	0	0	0
12/2/2023 14:27	57403 SPAN_T1	1	0	-1	0.4	0	-0.4	0	0	0	0	0	0	0	0
12/2/2023 14:27	43301 WATS_T2	0	0	0	0	0	0	-0.66	-0.62	1	1	0	900	900	0
12/2/2023 14:27	56802 BENV_T2	84	100	16	0.21	0.21	0	-1.45	-1.48	0	0	0	0	0	0
12/2/2023 14:28	43301 WATS_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/2/2023 14:31	15604 NSTR_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/2/2023 14:33	47403 PENS_T1	1	2	0	1.3	2	0.7	0	0	0	0	0	0	0	0
12/2/2023 14:33	58402 MORO_T1	0	0	0	0	0	0	-0.52	-0.55	2	2	0	1500	1500	0
12/2/2023 14:33	57401 SPAN_T1	2	2	0	0.25	0.3	0.05	-1.02	-1.03	1	1	0	600	600	0
12/2/2023 14:34	57401 SPAN_T1	2	2	0	0.25	0.3	0.05	-1.02	-1.03	1	1	0	600	600	0
12/2/2023 14:35	66703 STRA_T1	5	2	-3	0.24	0.1	-0.14	-0.12	-0.12	0	0	0	0	0	0
12/2/2023 14:35	57401 SPAN_T1	2	2	0	0.25	0.3	0.05	-1.02	-1.03	1	1	0	600	600	0
12/2/2023 14:35	47403 PENS_T1	1	1	0	1.3	2	0.7	0	0	0	0	0	0	0	0
12/2/2023 14:36	65902 SAKR_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/2/2023 14:37	56802 BENV_T2	99	51	-48	0.21	0.15	-0.06	-4.35	-4.44	0	0	0	0	0	0
12/2/2023 14:37	67502 WEWI_T2	3	1	-2	0.27	0.1	-0.17	-1.55	-1.55	1	1	0	900	900	0
12/2/2023 14:38	60201 ATGL_T2	0	0	0	0	0	0	0.17	0.14	0	0	0	0	0	0
12/2/2023 14:38	29402 BELT_T1	2	1	-1	3.4	6.6	3.2	0	0	0	0	0	0	0	0
12/2/2023 14:38	46001 BERW_T1	0	0	0	0	0	0	0.6	0.58	0	0	0	0	0	0
12/2/2023 14:38	16302 ALPA_T2	0	0	0	0	0	0	-1.74	-1.72	0	0	0	0	0	0
12/2/2023 14:38	45902 AUBU_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/2/2023 14:38	57401 SPAN_T1	2	2	0	0.25	0.3	0.05	0	0	0	0	0	0	0	0
12/2/2023 14:38	56501 ROCK_T2	3	2	-1	0.23	0.2	-0.03	-1.05	-1.05	0	0	0	0	0	0
12/2/2023 14:39	16302 ALPA_T2	0	0	0	0	0	0	-0.87	-0.86	0	0	0	0	0	0
12/2/2023 14:39	67503 WEWI_T2	0	0	0	0	0	0	-0.4	-0.42	0	0	0	0	0	0
12/2/2023 14:39	29401 BELT_T1	0	0	0	0	0	0	0	0	1	1	0	900	900	0
12/2/2023 14:39	14403 SSLA_T1	0	0	0	0	0	0	0.48	0.45	0	0	0	0	0	0
12/2/2023 14:39	56802 BENV_T2	99	51	-48	0.21	0.15	-0.06	-1.45	-1.48	0	0	0	0	0	0
12/2/2023 14:39	46001 BERW_T1	0	0	0	0	0	0	0.6	0.58	0	0	0	0	0	0
12/2/2023 14:40	67502 WEWI_T2	3	1	-2	0.27	0.1	-0.17	-1.55	-1.55	1	1	0	900	900	0
12/2/2023 14:40	56504 ROCK_T2	0	0	0	0	0	0	-0.46	-0.45	0	0	0	0	0	0
12/2/2023 14:40	56802 BENV_T2	99	51	-48	0.21	0.15	-0.06	-1.45	-1.48	0	0	0	0	0	0
12/2/2023 14:40	46001 BERW_T1	0	0	0	0	0	0	0.6	0.58	0	0	0	0	0	0
12/2/2023 14:41	56802 BENV_T2	99	51	-48	0.21	0.15	-0.06	-1.48	-1.46	0	0	0	0	0	0
12/2/2023 14:42	48902 FOSP_T2	0	0	0	0	0	0	-0.29	-0.32	0	0	0	0	0	0
12/2/2023 14:42	46004 BERW_T2	0	0	0	0	0	0	-0.73	-0.76	0	0	0	0	0	0
12/2/2023 14:44	40701 FFLD_T1	46	59	13	0.4	0.41	0.01	0	0	0	0	0	0	0	0
12/2/2023 14:45	64802 MONE_T2	0	0	0	0	0	0	0.18	0.16	0	0	0	0	0	0
12/2/2023 14:46	52401 GRPA_T2	1	1	0	0.7	0.6	-0.1	0	0	0	0	0	0	0	0
12/2/2023 14:47	15604 NSTR_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/2/2023 14:48	13901 SEID_T1	0	0	0	0	0	0	0.16	0.15	0	0	0	0	0	0
12/2/2023 14:48	55002 NEWP_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/2/2023 14:49	55002 NEWP_T1	4	5	1	0.35	0.4	0.05	-0.25	-0.23	0	0	0	0	0	0
12/2/2023 14:49	58402 MORO_T1	0	1	1	0	0	0	-0.55	-0.56	2	2	0	1500	1500	0
12/2/2023 14:50	59101 WALK_T2	1	1	0	0	0	0	1.5	1.55	0	0	0	0	0	0
12/2/2023 14:52	59402 RFLD_T2	0	0	0	0	0	0	-0.81	-0.81	1	1	0	450	450	0
12/2/2023 14:53	15001 BLMO_T1	14	21	7	0.32	0.32	0	0	0	0	0	0	0	0	0
12/2/2023 14:54	59101 WALK_T2	1	1	0	0	0	0	1.5	1.55	0	0	0	0	0	0
12/2/2023 14:54	15001 BLMO_T1	14	21	7	0.32	0.32	0	0	0	0	0	0	0	0	0
12/2/2023 14:57	48901 FOSP_T2	0	0	0	0	0	0	-0.42	-0.47	1	1	0	600	600	0
12/2/2023 14:57	15001 BLMO_T1	14	21	7	0.32	0.32	0	0	0	0	0	0	0	0	0
12/2/2023 14:59	45802 HEGI_T2	0	0	0	0	0	0	0.09	0.22	0	0	0	0	0	0
12/2/2023 14:59	48901 FOSP_T2	0	0	0	0	0	0	-0.42	-0.47	1	1	0	600	600	0
12/2/2023 15:00	52402 GRPA_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/2/2023 15:01	45802 HEGI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/2/2023 15:01	20603 GRWO_T2	0	0	0	0	0	0	-0.69	-0.68	1	1	0	900	900	0
12/2/2023 15:01	52402 GRPA_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/2/2023 15:04	47402 PENS_T1	120	120	0	2.92	2.96	0.04	0	0	0	0	0	0	0	0
12/2/2023 15:05	47401 PENS_T1	0	0	0	0	0	0	0.64	0.63	0	0	0	0	0	0
12/2/2023 15:07	47403 PENS_T1	1	1	0	2	2	0	0	0	0	0	0	0	0	0
12/2/2023 15:09	43301 WATS_T2	0	0	0	0	0	0	-0.62	-0.64	1	1	0	900	900	0
12/2/2023 15:09	43304 WATS_T2	2	1	-1	0.85	1.1	0.25	-0.46	-0.49	0	0	0	0	0	0
12/2/2023 15:10	43301 WATS_T2	0	0	0	0	0	0	-0.62	-0.64	1	1	0	900	900	0
12/2/2023 15:10	43304 WATS_T2	2	1	-1	0.85	1.1	0.25	-0.92	-0.99	0	0	0	0	0	0
12/2/2023 15:11	43301 WATS_T2	0	0	0	0	0	0	-1.28	-1.25	2	2	0	1800	1800	0
12/2/2023 15:11	20403 ASHF_T2	0	0	0	0	0	0	0.28	0.22	0	0	0	0	0	0
12/2/2023 15:11	43301 WATS_T2	0	0	0	0	0	0	-1.28	-1.25	2	2	0	1800	1800	0
12/2/2023 15:15	63404 HONY_T1	112	164	52	0.5	0.55	0.05	0	0	0	0	0	0	0	0
12/2/2023 15:20	59101 WALK_T2	1	1	0	0	0	0	1.51	1.57	0	0	0	0	0	0
12/2/2023 15:22	46302 ROHR_T1	4	4	0	0.85	1	0.15	0.32	0.28	0	0	0	0	0	0
12/2/2023 15:24	59101 WALK_T2	1	1	0	0	0	0	1.51	1.57	0	0	0	0	0	0
12/2/2023 15:25	46004 BERW_T2	0	0	0	0	0	0	-0.77	-0.7	0	0	0	0	0	0
12/2/2023 15:27	45501 DERR_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/2/2023 15:27	46801 HEPB_T2	2	2	0	0.25	0.25	0	0.57	0.58	0	0	0	0	0	0
12/2/2023 15:28	45501 DERR_T2	1	1	0	0.4	0.5	0.1	-0.07	-0.08	1	1	0	600	600	0
12/2/2023 15:31	40902 JESH_T1	0	0	0	0	0	0	-0.86	-0.83	0	0	0	0	0	0
12/2/2023 15:33	67605 WARW_T1	0	1	1	0	0.1	0.1	-1.38	-1.38	0	0	0	0	0	0
12/2/2023 15:42	45501 DERR_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/2/2023 15:51	59101 WALK_T2	1	2	1	0	0	0	1.46	1.56	0	0	0	0	0	0
12/2/2023 16:24	46206 DANV_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/2/2023 16:27	46206 DANV_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/2/2023 17:26	15001 BLMO_T1	0	4	4	0	0.23	0.23	0	0	0	0	0	0	0	0
12/2/2023 17:50	59402 RFLD_T2	0	0	0	0	0	0	-0.82	-0.81	1	1	0	450	450	0
12/2/2023 18:23	62607 ENGL_T1	0	0	0	0	0	0	-1.07	-1.06	1	1	0	300	300	0
12/2/2023 18:25	64203 KINZ_T1	0	0	0	0	0	0	-0.1	-0.04	0	0	0	0	0	0
12/2/2023 18:25	41801 GOGI_T2	1	1	0	1	0.7	-0.3	0	0	0	0	0	0	0	0
12/2/2023 18:25	26401 INOR_T1	0	0	0	0	0	0	0.23	0.25	0	0	0	0	0	0
12/2/2023 18:28	46206 DANV_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/2/2023 18:29	60201 ATGL_T2	0	0	0	0	0	0	0.12	0.13	0	0	0	0	0	0
12/2/2023 18:29	47402 PENS_T1	120	120	0	2.45	2.68	0.23	0	0	0	0	0	0	0	0
12/2/2023 18:29	42701 AUGU_T1	0	0	0	0	0	0	0	0	2	2	0	1800	1800	0
12/2/2023 18:29	48901 FOSP_T2	0	0	0	0	0	0	-0.94	-0.84	2	2	0	1200	1200	0
12/2/2023 18:30	67204 TEHI_T2	0	0	0	0	0	0	-0.28	-0.29	0	0	0	0	0	0
12/2/2023 18:30	43304 WATS_T2	0	2	2	0	0	0	-0.84	-0.81	0	0	0	0	0	0
12/2/2023 18:30	59302 MCAL_T1	0	1	1	0	0.1	0.1	0	0	0	0	0	0	0	0
12/2/2023 18:30	16301 ALPA_T1	1	1	0	0.2	0.3	0.1	-0.42	-0.41	0	0	0	0	0	0
12/2/2023 18:31	47402 PENS_T1	120	120	0	2.65	2.83	0.18	0	0	0	0	0	0	0	0
12/2/2023 18:31	29402 BELT_T1	1	1	0	6.7	6.7	0	0	0	0	0	0	0	0	0
12/2/2023 18:31	16402 MOPO_T1	0	0	0	0	0	0	-0.55	-0.56	0	0	0	0	0	0
12/2/2023 18:32	66505 SMAN_T2	3	3	0	0.37	0.43	0.06	0	0	0	0	0	0	0	0
12/2/2023 18:32	52004 LING_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/2/2023 18:32	45501 DERR_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/2/2023 18:32	63203 MGTN_T1	0	0	0	0	0	0	-0.29	-0.3	1	1	0	600	600	0
12/2/2023 18:33	12701 MACU_T1	0	0	0	0	0	0	0.04	0.05	0	0	0	0	0	0
12/2/2023 18:33	46203 DANV_T2	0	0	0	0	0	0	-1.35	-1.34	0	0	0	0	0	0
12/2/2023 18:33	43304 WATS_T2	0	2	2	0	0	0	0	0	0	0	0	0	0	0
12/2/2023 18:33	39601 LNFD_T1	0	0	0	0	0	0	0	0	1	1	0	900	900	0
12/2/2023 18:33	17802 GILB_T1	0	0	0	0	0	0	0.09	0.11	0	0	0	0	0	0
12/2/2023 18:33	64101 REFR_T1	0	0	0	0	0	0	0.08	0.09	0	0	0	0	0	0
12/2/2023 18:33	56802 BENV_T2	0	0	0	0	0	0	-1.36	-1.39	0	0	0	0	0	0
12/2/2023 18:33	15604 NSTR_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/2/2023 18:34	29401 BELT_T1	0	0	0	0	0	0	0	0	1	1	0	900	900	0
12/2/2023 18:34	43001 ALWD_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/2/2023 18:34	46203 DANV_T2	0	0	0	0	0	0	-1.35	-1.34	0	0	0	0	0	0
12/2/2023 18:34	63404 HONY_T1	2	6	4	7.7	2.77	-4.93	0	0	0	0	0	0	0	0
12/2/2023 18:34	43301 WATS_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/2/2023 18:34	12701 MACU_T1	0	0	0	0	0	0	0.04	0.05	0	0	0	0	0	0
12/2/2023 18:34	44601 SALE_T2	0	0	0	0	0	0	-0.11	-0.16	0	0	0	0	0	0
12/2/2023 18:34	25402 LAHA_T2	0	0	0	0	0	0	-0.83	-0.81	0	0	0	0	0	0
12/2/2023 18:34	29401 BELT_T1	0	0	0	0	0	0	0	0	1	1	0	900	900	0
12/2/2023 18:34	10805 CHHI_T2	1	1	0	8.2	7.9	-0.3	-1.07	-1.03	0	0	0	0	0	0
12/2/2023 18:34	16302 ALPA_T2	0	0	0	0	0	0	-0.83	-0.81	0	0	0	0	0	0
12/2/2023 18:34	47001 HUGH_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/2/2023 18:34	59101 WALK_T2	1	1	0	0	0	0	0.95	1.05	1	1	0	600	600	0
12/2/2023 18:34	43301 WATS_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/2/2023 18:34	27502 WEIS_T2	0	0	0	0	0	0	-0.55	-0.59	0	0	0	0	0	0
12/2/2023 18:35	43304 WATS_T2	0	2	2	0	0	0	-0.84	-0.81	0	0	0	0	0	0
12/2/2023 18:35	45001 LIME_2	12	22	10	0.8	0.2	-0.6	0	0	0	0	0	0	0	0
12/2/2023 18:35	49803 UNIV_T1	0	0	0	0	0	0	-1.03	-1.1	0	0	0	0	0	0
12/2/2023 18:35	56802 BENV_T2	0	0	0	0	0	0	-1.36	-1.39	0	0	0	0	0	0
12/2/2023 18:35	43301 WATS_T2	0	0	0	0	0	0	-1.21	-1.26	2	2	0	1800	1800	0
12/2/2023 18:35	47402 PENS_T1	120	120	0	2.65	2.83	0.18	0	0	0	0	0	0	0	0
12/2/2023 18:35	16302 ALPA_T2	0	0	0	0	0	0	-0.83	-0.81	0	0	0	0	0	0
12/2/2023 18:35	20603 GRWO_T2	0	0	0	0	0	0	-0.57	-0.62	1	1	0	900	900	0
12/2/2023 18:35	67503 WEWI_T2	0	0	0	0	0	0	-0.34	-0.36	0	0	0	0	0	0
12/2/2023 18:35	40702 FFLD_T1	27	33	6	0.14	0.14	0	-1.23	-1.16	1	1	0	1200	1200	0
12/2/2023 18:35	58402 MORO_T1	1	1	0	0.6	0	-0.6	-0.42	-0.4	2	2	0	1500	1500	0
12/2/2023 18:35	45902 AUBU_T1	0	0	0	0	0	0	-1.07	-1.1	1	1	0	600	600	0
12/2/2023 18:35	40101 HUNT_T2	0	0	0	0	0	0	-0.71	-0.71	0	0	0	0	0	0
12/2/2023 18:35	14403 SSLA_T1	0	0	0	0	0	0	0.57	0.59	0	0	0	0	0	0
12/2/2023 18:36	46001 BERW_T1	0	0	0	0	0	0	0.63	0.63	0	0	0	0	0	0
12/2/2023 18:36	45501 DERR_T2	0	0	0	0	0	0	0.05	0.07	1	1	0	600	600	0
12/2/2023 18:36	52004 LING_T2	1	1	0	0.7	0.6	-0.1	0.18	0.21	0	0	0	0	0	0
12/2/2023 18:36	56501 ROCK_T2	0	1	1	0	0.1	0.1	-1.61	-1.65	0	0	0	0

Appendix C - Grid Benefits Achieved in Each Instance of Active Management

12/2/2023 18:39	40603 PIGR_T1	0	0	0	0	0	0	0.31	0.31	0	0	0	0	0	0
12/2/2023 18:39	57403 SPAN_T1	0	1	1	0	0	0	0.05	0.09	0	0	0	0	0	0
12/2/2023 18:39	64101 REFR_T1	0	0	0	0	0	0	0.08	0.09	0	0	0	0	0	0
12/2/2023 18:39	46901 MINTG_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/2/2023 18:39	56802 BENV_T2	0	0	0	0	0	0	-1.36	-1.39	0	0	0	0	0	0
12/2/2023 18:39	52403 GRPA_T2	2	1	-1	0.25	0	-0.25	0	0.02	0	0	0	0	0	0
12/2/2023 18:39	61801 EEU_T2	0	0	0	0	0	0	-1.98	-2.04	2	2	0	1200	1200	0
12/2/2023 18:39	55002 NEWP_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/2/2023 18:39	54504 ENOL_T2	0	0	0	0	0	0	-1	-1.01	1	1	0	600	600	0
12/2/2023 18:39	45902 AUBU_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/2/2023 18:39	41901 REED_T1	2	2	0	0.25	0.25	0	0	0	0	0	0	0	0	0
12/2/2023 18:39	17804 GILB_T2	0	0	0	0	0	0	-0.55	-0.56	0	0	0	0	0	0
12/2/2023 18:40	52004 LING_T2	1	1	0	0.7	0.6	-0.1	0	0	0	0	0	0	0	0
12/2/2023 18:40	49804 UNIV_T1	0	1	1	0	0	0	0	0	0	0	0	0	0	0
12/2/2023 18:40	43304 WATS_T2	0	0	2	0	0	0	-1.68	-1.62	0	0	0	0	0	0
12/2/2023 18:40	43202 MVIL_T2	0	0	0	0	0	0	-0.71	-0.7	0	0	0	0	0	0
12/2/2023 18:40	14403 SSLA_T1	0	0	0	0	0	0	0.57	0.59	0	0	0	0	0	0
12/2/2023 18:40	57401 SPAN_T1	1	0	0	-1	0.5	-0.5	-0.9	-0.87	1	1	0	600	600	0
12/2/2023 18:40	55002 NEWP_T1	4	6	2	0.3	0.42	0.12	-0.23	-0.23	0	0	0	0	0	0
12/2/2023 18:40	60201 ATGL_T2	0	0	0	0	0	0	0.12	0.13	0	0	0	0	0	0
12/2/2023 18:40	64101 REFR_T1	0	0	0	0	0	0	0.08	0.09	0	0	0	0	0	0
12/2/2023 18:40	56802 BENV_T2	0	0	0	0	0	0	-1.36	-1.39	0	0	0	0	0	0
12/2/2023 18:40	29401 BELT_T1	0	0	0	0	0	0	0	0	1	1	0	900	900	0
12/2/2023 18:40	43301 WATS_T2	0	0	0	0	0	0	-0.61	-0.63	1	1	0	900	900	0
12/2/2023 18:40	43402 BENT_T1	0	0	0	0	0	0	-0.91	-0.92	1	2	1	900	1500	600
12/2/2023 18:40	52402 GRPA_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/2/2023 18:40	46001 BERW_T1	0	0	0	0	0	0	1.26	1.26	0	0	0	0	0	0
12/2/2023 18:40	46206 DANV_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/2/2023 18:40	16302 ALPA_T2	0	0	0	0	0	0	-0.83	-0.81	0	0	0	0	0	0
12/2/2023 18:40	67502 WEWI_T2	0	0	0	0	0	0	-1.49	-1.51	1	1	0	900	900	0
12/2/2023 18:41	58401 MORO_T1	1	0	-1	0.2	0	-0.2	0	0	0	0	0	0	0	0
12/2/2023 18:41	42201 SHEN_T2	0	0	0	0	0	0	0.39	0.3	0	0	0	0	0	0
12/2/2023 18:41	55002 NEWP_T1	4	6	2	0.3	0.42	0.12	-0.23	-0.28	0	0	0	0	0	0
12/2/2023 18:41	67602 WARW_T2	0	0	0	0	0	0	-0.27	1.33	0	0	0	0	0	0
12/2/2023 18:41	54701 NEBL_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/2/2023 18:41	44601 SALE_T2	0	0	0	0	0	0	-0.16	-0.15	0	0	0	0	0	0
12/2/2023 18:41	52501 PROG_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/2/2023 18:41	64101 REFR_T1	0	0	0	0	0	0	0.18	0.05	0	0	0	0	0	0
12/2/2023 18:41	64802 MONE_T2	0	0	0	0	0	0	0.2	0.2	0	0	0	0	0	0
12/2/2023 18:41	40101 HUNT_T2	0	0	0	0	0	0	-0.71	-0.71	0	0	0	0	0	0
12/2/2023 18:41	14802 TREI_T2	1	2	1	1.5	0.15	-1.35	0.32	0.32	0	0	0	0	0	0
12/2/2023 18:41	43304 WATS_T2	0	2	2	0	0	0	-0.81	-0.79	0	0	0	0	0	0
12/2/2023 18:42	46004 BERW_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/2/2023 18:42	58402 MORO_T1	1	1	0	0.6	0	-0.6	-0.4	-0.45	2	2	0	1500	1500	0
12/2/2023 18:42	40602 PIGR_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/2/2023 18:43	63804 HEMP_T1	1	1	0	5.6	5.5	-0.1	0.82	0.75	0	0	0	0	0	0
12/2/2023 18:43	52402 GRPA_T2	1	4	3	3.2	0.88	-2.32	0	0	0	0	0	0	0	0
12/2/2023 18:43	16301 ALPA_T1	1	1	0	0.2	0.3	0.1	-0.41	-0.42	0	0	0	0	0	0
12/2/2023 18:43	61801 EEU_T2	0	0	0	0	0	0	-1.02	-1.04	1	1	0	600	600	0
12/2/2023 18:43	52006 LING_T2	2	0	-2	0.1	0	-0.1	0	0	0	0	0	0	0	0
12/2/2023 18:43	65902 SAKR_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/2/2023 18:44	64101 REFR_T1	0	0	0	0	0	0	0.09	0.03	0	0	0	0	0	0
12/2/2023 18:44	41901 REED_T1	2	2	0	0.25	0.25	0	0	0	0	0	0	0	0	0
12/2/2023 18:44	14403 SSLA_T1	0	0	0	0	0	0	0.59	0.56	0	0	0	0	0	0
12/2/2023 18:44	43301 WATS_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/2/2023 18:44	41801 GOCI_T2	1	1	0	0.8	0.7	-0.1	0	0	0	0	0	0	0	0
12/2/2023 18:45	57401 SPAN_T1	0	0	0	1	0	0	-0.87	-0.88	1	1	0	600	600	0
12/2/2023 18:45	55002 NEWP_T1	4	6	2	0.33	0.42	0.09	-0.23	-0.28	0	0	0	0	0	0
12/2/2023 18:45	56802 BENV_T2	0	1	1	0	0.2	0.2	-2.77	-2.7	0	0	0	0	0	0
12/2/2023 18:45	57403 SPAN_T1	1	0	-1	2.3	0	-2.3	0.09	0.09	0	0	0	0	0	0
12/2/2023 18:45	20403 ASHF_T2	0	1	1	0	0	0	0.3	0.31	0	0	0	0	0	0
12/2/2023 18:46	46302 ROHR_T1	1	7	6	0.1	0.5	0.4	0.2	0.2	0	0	0	0	0	0
12/2/2023 18:46	56501 ROCK_T2	0	1	1	0	0.1	0	-0.1	-1.65	-1.63	0	0	0	0	0
12/2/2023 18:46	56504 ROCK_T2	0	0	0	0	0	0	0	-0.27	-0.42	0	0	0	0	0
12/2/2023 18:46	42102 FRAI_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/2/2023 18:46	66703 STRA_T1	0	1	1	0	0.1	0.1	-0.19	-0.28	0	0	0	0	0	0
12/2/2023 18:46	12701 MACU_T1	0	0	0	0	0	0	0.05	0.04	0	0	0	0	0	0
12/2/2023 18:47	52403 GRPA_T2	0	7	7	0	0.7	0.7	0.02	0	0	0	0	0	0	0
12/2/2023 18:47	52401 GRPA_T2	2	0	-2	0.55	0	-0.55	0	0	0	0	0	0	0	0
12/2/2023 18:47	53903 HALI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/2/2023 18:47	57403 SPAN_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/2/2023 18:48	56801 BENV_T1	2	7	5	0.1	0.36	0.26	-0.74	-0.77	1	1	0	600	600	0
12/2/2023 18:49	52402 GRPA_T2	3	5	2	1	0.55	-0.45	0	0	0	0	0	0	0	0
12/2/2023 18:49	64101 REFR_T1	0	0	0	0	0	0	0.09	0.03	0	0	0	0	0	0
12/2/2023 18:50	56802 BENV_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/2/2023 18:50	54701 NEBL_T1	0	0	0	0	0	0	0	0	1	1	0	600	600	0
12/2/2023 19:11	43402 BENT_T1	0	0	0	0	0	0	-1.54	-1.57	2	2	0	1500	1500	0
12/2/2023 19:14	64101 REFR_T1	0	0	0	0	0	0	0.07	0.07	0	0	0	0	0	0
12/2/2023 19:29	43402 BENT_T1	0	0	0	0	0	0	-1.57	-1.57	2	2	0	1500	1500	0
12/2/2023 19:51	43402 BENT_T1	0	0	0	0	0	0	-1.57	-1.56	2	2	0	1500	1500	0
12/3/2023 0:28	56802 BENV_T2	1	1	0	0.2	0.5	0.3	-1.56	-1.55	0	0	0	0	0	0
12/3/2023 0:28	53903 HALI_T2	2	2	0	0.85	1	0.15	-0.41	-0.39	0	0	0	0	0	0
12/3/2023 0:28	60803 BUCK_T1	0	0	0	0	0	0	-1.11	-1.16	1	1	0	600	600	0
12/3/2023 0:28	46801 HEPB_T2	0	0	0	0	0	0	0.49	0.48	0	0	0	0	0	0
12/3/2023 0:28	45902 AUBU_T1	16	18	2	0.23	0.22	-0.01	0	0	0	0	0	0	0	0
12/3/2023 0:28	46302 ROHR_T1	4	4	0	0.58	0.6	0.02	0.13	0.14	0	0	0	0	0	0
12/3/2023 0:28	48901 FOSP_T2	0	0	0	0	0	0	-0.52	-0.48	1	1	0	600	600	0
12/3/2023 0:28	42201 SHEN_T2	0	0	0	0	0	0	0.33	0.33	0	0	0	0	0	0
12/3/2023 0:28	47403 PENS_T1	1	1	0	2.7	2.7	0	0	0	0	0	0	0	0	0
12/3/2023 0:28	52402 GRPA_T2	2	5	3	1.95	1.1	-0.85	0	0	0	0	0	0	0	0
12/3/2023 0:28	12701 MACU_T1	0	0	0	0	0	0	-0.02	-0.01	0	0	0	0	0	0
12/3/2023 0:28	13901 SEID_T1	0	0	0	0	0	0	0.13	0.12	0	0	0	0	0	0
12/3/2023 0:28	44904 SCOT_T1	0	0	0	0	0	0	-0.17	-0.17	0	0	0	0	0	0
12/3/2023 0:28	15001 BLMO_T1	4	4	0	0.38	0.78	0.4	0	0	0	0	0	0	0	0
12/3/2023 0:28	57401 SPAN_T1	0	2	2	0	0.25	0.25	-0.97	-1.05	1	1	0	600	600	0
12/3/2023 0:28	44301 BEAV_T2	0	0	0	0	0	0	-0.51	-0.53	1	1	0	600	600	0
12/3/2023 0:28	17805 GILB_T2	0	0	0	0	0	0	-0.44	-0.44	0	0	0	0	0	0
12/3/2023 0:28	10801 CHHI_T1	0	0	0	0	0	0	-1.04	-1.07	1	1	0	900	900	0
12/3/2023 0:32	57403 SPAN_T1	0	7	7	0	0.16	0.16	0	0	0	0	0	0	0	0
12/3/2023 3:54	65001 NEFF_T2	232	234	2	0.28	0.35	0.07	-1.59	-1.58	1	1	0	1200	1200	0
12/3/2023 7:53	43402 BENT_T1	0	1	1	0	0	0	-0.94	-0.93	1	1	0	900	900	0
12/3/2023 7:56	43402 BENT_T1	0	1	1	0	0	0	-0.93	-0.92	1	1	0	900	900	0
12/3/2023 8:09	43402 BENT_T1	0	1	1	0	0	0	-0.93	-0.92	1	1	0	900	900	0
12/3/2023 8:13	40101 HUNT_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/3/2023 8:14	40101 HUNT_T2	0	0	0	0	0	0	-0.74	-0.75	0	0	0	0	0	0
12/3/2023 8:29	43402 BENT_T1	1	0	-1	0.7	0	-0.7	-0.92	-0.93	1	1	0	900	900	0
12/3/2023 8:30	55002 NEWP_T1	1	3	2	0.2	0.17	-0.03	-0.25	-0.26	0	0	0	0	0	0
12/3/2023 8:33	58402 MORO_T1	0	0	0	0	0	0	-0.49	-0.5	2	2	0	1500	1500	0
12/3/2023 8:35	58402 MORO_T1	0	0	0	0	0	0	-0.49	-0.5	2	2	0	1500	1500	0
12/3/2023 8:38	59101 WALK_T2	1	1	0	0	0	0	1.57	1.4	0	0	0	0	0	0
12/3/2023 8:52	45901 AUBU_T1	0	0	0	0	0	0	0.89	0.9	0	0	0	0	0	0
12/3/2023 9:00	15001 BLMO_T1	2	2	0	0.1	0.25	0.15	0	0	0	0	0	0	0	0
12/3/2023 9:00	58401 MORO_T1	0	1	1	0	0	0	0	0	0	0	0	0	0	0
12/3/2023 9:00	52503 PROG_T2	0	0	0	0	0	0	-0.72	-0.72	1	1	0	900	900	0
12/3/2023 9:00	47101 MARL_T1	0	0	0	0	0	0	-0.29	-0.22	0	0	0	0	0	0
12/3/2023 9:00	43402 BENT_T1	0	1	1	0	0	0	-0.92	-0.91	1	1	0	900	900	0
12/3/2023 9:01	45501 DERR_T2	0	0	0	0	0	0	-0.09	-0.08	1	1	0	600	600	0
12/3/2023 9:06	43302 WATS_T2	0	0	0	0	0	0	-0.89	-0.88	2	2	0	1800	1800	0
12/3/2023 9:07	67503 WEWI_T2	0	0	0	0	0	0	-0.35	-0.33	0	0	0	0	0	0
12/3/2023 9:07	43402 BENT_T1	0	1	1	0	0	0	-0.92	-0.91	1	1	0	900	900	0
12/3/2023 9:08	45901 AUBU_T1	0	0	0	0	0	0	0.9	0.91	0	0	0	0	0	0
12/3/2023 9:08	46004 BERW_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/3/2023 9:10	43302 WATS_T2	0	0	0	0	0	0	-0.89	-0.88	2	2	0	1800	1800	0
12/3/2023 9:16	58402 MORO_T1	0	0	0	0	0	0	-0.49	-0.51	2	2	0	1500	1500	0
12/3/2023 9:17	55002 NEWP_T1	0	3	3	0	0.23	0.23	-0.23	-0.24	0	0	0	0	0	0
12/3/2023 9:23	45501 DERR_T2	0	0	0	0	0	0	-0.08	-0.08	1	1	0	600	600	0
12/3/2023 9:27	40101 HUNT_T2	0	0	0	0	0	0	-0.64	-0.69	0	0	0	0	0	0
12/3/2023 9:27	45501 DERR_T2	0	0	0	0	0	0	-0.08	0.03	1	1	0	600	600	0
12/3/2023 9:31	40101 HUNT_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/3/2023 9:33	48302 ORWI_T2	2	2	0	0.65	0.55	-0.1	-0.05	-0.03	0	0	0	0	0	0
12/3/2023 9:35	59101 WALK_T2	1	1	0	0	0	0	1.46	1.42	0	0	0	0	0	0
12/3/2023 9:36	59101 WALK_T2	1	1	0	0	0	0	4.37	4.25	0	0	0	0	0	0
12/3/2023 9:38	45902 AUBU_T1	0	0	0	0	0	0	-0.42	-0.32	0	0	0	0	0	0
12/3/2023 9:39	45902 AUBU_T1	0	0	0	0	0	0	-0.42	-0.32	0	0	0	0	0	0
12/3/2023 9:41	46203 DANV_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/3/2023 9:42	26401 INOR_T1	0	0	0	0	0	0	0.26	0.24	0	0	0	0	0	0
12/3/2023 9:42	41801 GOCI_T2	1	2	1	0.2	0.2	0	0	0	0	0	0	0	0	0
12/3/2023 9:42	46203 DANV_T2	0	0	0	0	0	0	-1.43	-1.4	0	0	0	0	0	0
12/3/2023 9:43	46203 DANV_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/3/2023 9:44	41801 GOCI_T2	1	2	1	0.2	0.2	0	0	0	0	0	0	0	0	0
12/3/2023 9:46	43201 MVIL_T2	0	0	0	0	0	0	-0.38	-0.39	0	0	0	0	0	0
12/3/2023 9:47	54701 NEBL_T1	0	0	0	0	0	0	0	0	1	1	0	600	600	0
12/3/2023 9:48	41901 REED_T1	2	2	0	0.25	0.25	0	0	0	0	0	0	0	0	0
12/3/2023 9:49	54701 NEBL_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/3/2023 9:51	29402 BELT_T1	1	1	0	7	7	0	0	0	0	0	0	0	0	0
12/3/2023 9:52	56504 ROCK_T2	0	1	1	0	0	0	0	0	0	0	0	0	0	0
12/3/2023 9:52	56802 BENV_T2	0	1	1	0	0.1	0.1	-2.76	-2.86	0	0	0	0	0	0
12/3/2023 9:52	45902 AUBU_T1	0	0	0	0	0	0	-0.32	-0.29	0	0	0	0	0	0
12/3/2023 9:53	43304 WATS_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/3/2023 9:54	43304 WATS_T2	0	1	1	0	0	0	-0.9	-0.87	0	0	0	0	0	0
12/3/2023 9:54	49803 UNIV_T1	0	0	0	0	0	0	-1.15	-1.07	0	0	0	0	0	0
12/3/2023 9:55	56802 BENV_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/3/2023 9:55	43302 WATS_T2	0	1	1	0	0	0	0	0	0	0	0	0	0	0
12/3/2023 9:55	29402 BELT_T1	1	1	0	7	7	0	0	0	0	0	0	0	0	0
12/3/2023 9:56	56802 BENV_T2	0	1	1	0	0.1	0.1	-1.43	-1.43	0	0	0	0	0	0
12/3/2023 9:57	63401 HONY_T1	0	0	0	0	0	0	0.29	0.27	0	0	0	0	0	0
12/3/2023 9:57	45902 AUBU_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/3/2023 9:58	26401 INOR_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/3/2023 9:59	40101 HUNT_T2	0	0	0	0	0	0	-0.71	-0.73	0	0	0	0	0	0
12/3/2023 10:02	55002 NEWP_T1	4	3	-1	0.35	0.4	0.05	-0.23	-0.26	0	0	0	0	0	0
12/3/2023 10:03	43202 MVIL_T2	0	0	0	0	0	0	-0.7	-0.7	0	0	0	0	0	0
12/3/2023 10:03	55002 NEWP_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/3/2023 10:03	42201 SHEN_T2	0	0	0	0	0	0	0.4	0.41	0	0	0	0	0	0
12/3/2023 10:04	59101 WALK_T2	1	1	0	0	0	0	1.19	1.14	0	0	0	0	0	0
12/3/2023 10:04	43202 MVIL_T2	0	0	0	0	0	0	-0.7	-0.7	0	0	0	0	0	0
12/3/2023 10:04	55002 NEWP_T1	4	3	-1	0.35	0.4	0.05	-0.46	-0.52	0	0	0	0	0	0
12/3/2023 10:04	57401 SPAN_T1	0	0	0	0	0	0	-2.08	-2.28	2	2	0	1200	1200	0
12/3/2023 10:05	66504 SMAN_T2	0	0	0	0	0	0	-0.63	-0.6	0	0	0	0	0	0
12/3/2023 10:05	57401 SPAN_T1	0	0	0	0	0	0	-1.04	-1.14	1	1	0	600	600	0
12/3/2023 10:05	65901 SAKR_T2	1	1	0	8	8.4	0.4	-1.35	-1.4	1	1	0	900	900	0
12/3/2023 10:06	57401 SPAN_T1	0	0	0	0	0	0	-1.04	-1.14	1	1	0	600	600	0
12/3/2023 10:06	55002 NEWP_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/3/2023 10:09	43304 WATS_T2	1	0	-1	0.2	0	-0.2	-0.87	-0.92	0	0	0	0	0	0
12/3/2023 10:10	46203 DANV_T2	0	0	0	0	0	0	-1.4	-1.33	0	0	0	0	0	0
12/3/2023 10:14	40901 JESH_T1	1	1	0	1.2	1.1	-0.1	0	0	0	0	0	0	0	0
12/3/2023 10:14	52402 GRPA_T2	1	1	0	2.6	2.9	0.3	0	0	0	0	0	0	0	0
12/3/2023 10:14	26401 INOR_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/3/2023 10:15	52404 GRPA_T2	0	1	1	0	0	0	0	0	0	0	0	0	0	0
12/3/2023 10:16	46801 HEPB_T2	0	0	0	0	0	0	1.14	1.18	0	0	0	0	0	0
12/3/2023 10:16	47402 PENS_T1	120	120	0	2.21	2.23	0.02	0	0	0	0	0	0	0	0
12/3/2023 10:17	39601 LNFD_T1	0	0	0	0	0	0	0	0	1	1	0	900	900	0
12/3/2023 10:18	47403 PENS_T1	1	1	0

Appendix C - Grid Benefits Achieved in Each Instance of Active Management

12/3/2023 11:05	57403 SPAN_T1	0	0	0	0	0	0	0.1	0.04	0	0	0	0	0	0
12/3/2023 11:05	40602 PIGR_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/3/2023 11:06	56801 BENV_T1	9	11	2	0.59	0.84	0.25	-0.73	-0.75	1	1	0	600	600	0
12/3/2023 11:06	43301 WATS_T2	0	0	0	0	0	0	-0.59	-0.61	1	1	0	900	900	0
12/3/2023 11:06	66505 SMAN_T2	0	0	0	0	0	0	-0.14	-0.05	2	2	0	1100	1100	0
12/3/2023 11:07	27101 GFLD_T2	1	1	0	2	1	-1	0.25	0.28	0	0	0	0	0	0
12/3/2023 11:07	57403 SPAN_T1	0	0	0	0	0	0	0.1	0.04	0	0	0	0	0	0
12/3/2023 11:07	44601 SALE_T2	0	0	0	0	0	0	-0.16	-0.15	0	0	0	0	0	0
12/3/2023 11:07	43301 WATS_T2	0	0	0	0	0	0	-0.59	-0.61	1	1	0	900	900	0
12/3/2023 11:07	56801 BENV_T1	9	11	2	0.59	0.84	0.25	-0.73	-0.75	1	1	0	600	600	0
12/3/2023 11:07	64101 REFR_T1	0	0	0	0	0	0	0.09	0.08	0	0	0	0	0	0
12/3/2023 11:08	43301 WATS_T2	0	0	0	0	0	0	-1.18	-1.22	2	2	0	1800	1800	0
12/3/2023 11:08	67401 WAKE_T2	0	0	0	0	0	0	-1.02	-1.02	0	0	0	0	0	0
12/3/2023 11:08	43402 BENT_T1	0	1	1	0	0	0	-0.9	-0.89	1	1	0	900	900	0
12/3/2023 11:08	56801 BENV_T1	9	11	2	0.59	0.84	0.25	-2.19	-2.25	3	3	0	1800	1800	0
12/3/2023 11:09	56801 BENV_T1	9	11	2	0.59	0.84	0.25	-1.46	-1.5	2	2	0	1200	1200	0
12/3/2023 11:10	56801 BENV_T1	9	11	2	0.59	0.84	0.25	-0.73	-0.75	1	1	0	600	600	0
12/3/2023 11:10	60803 BUCK_T1	0	0	0	0	0	0	-1.94	-1.9	2	2	0	1200	1200	0
12/3/2023 11:10	60201 ATGL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/3/2023 11:11	56801 BENV_T1	9	11	2	0.59	0.84	0.25	-0.75	-0.73	1	1	0	600	600	0
12/3/2023 11:12	56801 BENV_T1	9	11	2	0.59	0.84	0.25	-1.5	-1.46	2	2	0	1200	1200	0
12/3/2023 11:12	45702 LIND_T2	1	1	0	0.1	0.2	0.1	-0.49	-0.49	0	0	0	0	0	0
12/3/2023 11:13	56801 BENV_T1	9	11	2	0.59	0.84	0.25	-0.75	-0.73	1	1	0	600	600	0
12/3/2023 11:15	57401 SPAN_T1	0	0	0	0	0	0	-1.07	-1.06	1	1	0	600	600	0
12/3/2023 11:17	16402 MOPO_T1	0	0	0	0	0	0	-0.59	-0.56	0	0	0	0	0	0
12/3/2023 11:21	43304 WATS_T2	0	0	0	0	0	0	-0.87	-0.9	0	0	0	0	0	0
12/3/2023 11:23	43304 WATS_T2	0	0	0	0	0	0	-1.73	-1.8	0	0	0	0	0	0
12/3/2023 11:23	29401 BELT_T1	0	1	1	0	0.1	0.1	0	0	1	1	0	900	900	0
12/3/2023 11:23	20401 ASHF_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/3/2023 11:24	29401 BELT_T1	0	1	1	0	0.1	0.1	0	0	1	1	0	900	900	0
12/3/2023 11:25	60201 ATGL_T2	0	0	0	0	0	0	0.09	0.11	0	0	0	0	0	0
12/3/2023 11:32	64101 REFR_T1	0	0	0	0	0	0	0.14	0.1	0	0	0	0	0	0
12/3/2023 11:33	64101 REFR_T1	0	0	0	0	0	0	0.27	0.2	0	0	0	0	0	0
12/3/2023 11:33	48302 ORWI_T2	2	2	0	0.3	0.25	-0.05	0	0	0	0	0	0	0	0
12/3/2023 11:34	64101 REFR_T1	0	0	0	0	0	0	0.14	0.1	0	0	0	0	0	0
12/3/2023 11:34	52501 PROG_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/3/2023 11:35	14403 SSLA_T1	0	0	0	0	0	0	0.84	0.8	0	0	0	0	0	0
12/3/2023 11:35	65001 NEFF_T2	0	0	0	0	0	0	-1.37	-1.34	1	1	0	1200	1200	0
12/3/2023 11:35	64101 REFR_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/3/2023 11:36	43304 WATS_T2	0	0	0	0	0	0	-0.9	-0.89	0	0	0	0	0	0
12/3/2023 11:36	64101 REFR_T1	0	0	0	0	0	0	0.27	0.2	0	0	0	0	0	0
12/3/2023 11:37	43301 WATS_T2	0	0	0	0	0	0	-0.61	-0.63	1	1	0	900	900	0
12/3/2023 11:37	64101 REFR_T1	0	0	0	0	0	0	0.14	0.1	0	0	0	0	0	0
12/3/2023 11:38	20401 ASHF_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/3/2023 11:38	27102 GFLD_T2	54	60	6	0.39	0.45	0.06	0	0	0	0	0	0	0	0
12/3/2023 11:38	43302 WATS_T2	0	0	0	0	0	0	-0.89	-0.88	2	2	0	1800	1800	0
12/3/2023 11:38	43301 WATS_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/3/2023 11:38	43304 WATS_T2	0	0	0	0	0	0	-2.7	-2.67	0	0	0	0	0	0
12/3/2023 11:39	43304 WATS_T2	0	0	0	0	0	0	-2.7	-2.67	0	0	0	0	0	0
12/3/2023 11:39	43304 WATS_T2	0	0	0	0	0	0	-2.7	-2.67	0	0	0	0	0	0
12/3/2023 11:40	43304 WATS_T2	0	0	0	0	0	0	-1.8	-1.78	0	0	0	0	0	0
12/3/2023 11:43	26401 INOR_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/3/2023 11:43	41801 GOCI_T2	1	1	0	0.2	0.2	0	0	0	0	0	0	0	0	0
12/3/2023 11:44	26401 INOR_T1	0	0	0	0	0	0	0.27	0.29	0	0	0	0	0	0
12/3/2023 11:44	41801 GOCI_T2	1	1	0	0.2	0.2	0	0	0	0	0	0	0	0	0
12/3/2023 11:49	48302 ORWI_T2	2	2	0	0.25	0.2	-0.05	0	-0.02	0	0	0	0	0	0
12/3/2023 11:50	66504 SMAN_T2	0	0	0	0	0	0	-0.64	-0.66	0	0	0	0	0	0
12/3/2023 11:50	52501 PROG_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/3/2023 11:53	66505 SMAN_T2	0	0	0	0	0	0	-0.07	-0.08	2	2	0	1100	1100	0
12/3/2023 11:53	58003 WCAR_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/3/2023 11:54	58001 WCAR_T1	0	3	3	0	0.13	0.13	0	0	0	0	0	0	0	0
12/3/2023 11:54	46203 DANV_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/3/2023 11:55	45501 DERR_T2	0	2	2	0	0	0	-0.09	-0.05	1	1	0	600	600	0
12/3/2023 11:55	46203 DANV_T2	0	0	0	0	0	0	-1.37	-1.38	0	0	0	0	0	0
12/3/2023 11:58	46203 DANV_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/3/2023 12:05	49804 UNIV_T1	1	1	0	1	0	-1	0	0	0	0	0	0	0	0
12/3/2023 12:15	48302 ORWI_T2	1	2	1	0.1	0.3	0.2	-0.01	-0.01	0	0	0	0	0	0
12/3/2023 12:15	26401 INOR_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/3/2023 12:16	45003 LIME_2	1	1	0	2.6	3	0.4	0	0	2	2	0	2400	2400	0
12/3/2023 12:16	26401 INOR_T1	0	0	0	0	0	0	0.41	0.28	0	0	0	0	0	0
12/3/2023 12:26	41801 GOCI_T2	1	2	1	0.2	0.3	0.1	0	0	0	0	0	0	0	0
12/3/2023 12:26	20401 ASHF_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/3/2023 12:27	45501 DERR_T2	2	1	-1	0.7	0	-0.7	-0.02	-0.06	1	1	0	600	600	0
12/3/2023 12:30	41801 GOCI_T2	2	2	0	0.3	0.3	0	0	0	0	0	0	0	0	0
12/3/2023 12:36	43302 WATS_T2	1	2	1	0.1	0.15	0.05	0	0	0	0	0	0	0	0
12/3/2023 12:36	43304 WATS_T2	1	1	0	0.3	0	-0.3	-1.73	-1.88	0	0	0	0	0	0
12/3/2023 12:36	13901 SEID_T1	0	0	0	0	0	0	0.21	0.19	0	0	0	0	0	0
12/3/2023 12:37	43304 WATS_T2	1	1	0	0.3	0	-0.3	-0.87	-0.94	0	0	0	0	0	0
12/3/2023 12:37	43302 WATS_T2	1	2	1	0.1	0.15	0.05	0	0	0	0	0	0	0	0
12/3/2023 12:38	43304 WATS_T2	1	1	0	0.3	0	-0.3	-2.6	-2.82	0	0	0	0	0	0
12/3/2023 12:39	43302 WATS_T2	1	2	1	0.1	0.15	0.05	0	0	0	0	0	0	0	0
12/3/2023 12:40	43304 WATS_T2	1	1	0	0.3	0	-0.3	-0.87	-0.94	0	0	0	0	0	0
12/3/2023 12:40	43301 WATS_T2	0	0	0	0	0	0	-0.62	-0.64	1	1	0	900	900	0
12/3/2023 12:41	43302 WATS_T2	1	2	1	0.1	0.15	0.05	-0.89	-0.88	2	2	0	1800	1800	0
12/3/2023 12:41	43302 WATS_T2	1	2	1	0.1	0.15	0.05	-0.89	-0.88	2	2	0	1800	1800	0
12/3/2023 12:46	46901 MNTG_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/3/2023 12:53	14403 SSLA_T1	0	0	0	0	0	0	0.87	0.82	0	0	0	0	0	0
12/3/2023 12:53	46203 DANV_T2	0	0	0	0	0	0	-1.36	-1.34	0	0	0	0	0	0
12/3/2023 12:57	46203 DANV_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/3/2023 12:58	45003 LIME_2	0	9	9	0	0.14	0.14	0	0	0	0	0	0	0	0
12/3/2023 13:01	63203 MGTN_T1	0	0	0	0	0	0	-0.22	-0.23	1	1	0	600	600	0
12/3/2023 13:03	45003 LIME_2	1	19	18	0.1	0.17	0.07	0	0	0	0	0	0	0	0
12/3/2023 13:03	46203 DANV_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/3/2023 13:04	52501 PROG_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/3/2023 13:05	41903 REED_T1	0	0	0	0	0	0	0.69	0.69	0	0	0	0	0	0
12/3/2023 13:17	26401 INOR_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/3/2023 13:20	66703 STRA_T1	0	0	0	0	0	0	-0.24	-0.27	0	0	0	0	0	0
12/3/2023 13:40	46206 DANV_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/3/2023 13:41	46203 DANV_T2	0	25	25	0	0	0	-1.39	-1.41	0	0	0	0	0	0
12/3/2023 13:43	46206 DANV_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/3/2023 13:51	66703 STRA_T1	0	0	0	0	0	0	-0.28	-0.24	0	0	0	0	0	0
12/3/2023 14:04	14403 SSLA_T1	0	0	0	0	0	0	0.86	0.82	0	0	0	0	0	0
12/3/2023 14:04	59101 WALK_T2	1	1	0	0	0	0	1.46	1.51	0	0	0	0	0	0
12/3/2023 14:05	67204 TEHI_T2	0	0	0	0	0	0	-0.28	-0.29	0	0	0	0	0	0
12/3/2023 14:05	43304 WATS_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/3/2023 14:06	59101 WALK_T2	1	1	0	0	0	0	1.46	1.51	0	0	0	0	0	0
12/3/2023 14:06	14403 SSLA_T1	0	0	0	0	0	0	0.86	0.82	0	0	0	0	0	0
12/3/2023 14:07	52501 PROG_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/3/2023 14:07	56801 BENV_T1	20	20	0	1.27	1.32	0.05	-0.77	-0.77	1	1	0	600	600	0
12/3/2023 14:08	67204 TEHI_T2	0	0	0	0	0	0	-0.28	-0.29	0	0	0	0	0	0
12/3/2023 14:08	56801 BENV_T1	20	20	0	1.27	1.32	0.05	-1.54	-1.54	2	2	0	1200	1200	0
12/3/2023 14:08	59101 WALK_T2	1	1	0	0	0	0	1.46	1.51	0	0	0	0	0	0
12/3/2023 14:09	56802 BENV_T2	0	1	1	0	0.1	0.1	-1.4	-1.38	0	0	0	0	0	0
12/3/2023 14:09	59101 WALK_T2	1	1	0	0	0	0	2.92	3.02	0	0	0	0	0	0
12/3/2023 14:10	56801 BENV_T1	20	20	0	1.27	1.32	0.05	-2.31	-2.31	3	3	0	1800	1800	0
12/3/2023 14:10	56802 BENV_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/3/2023 14:11	56801 BENV_T1	20	20	0	1.27	1.32	0.05	-1.54	-1.5	2	2	0	1200	1200	0
12/3/2023 14:11	56802 BENV_T2	0	1	1	0	0.1	0.1	-1.38	-1.4	0	0	0	0	0	0
12/3/2023 14:12	56801 BENV_T1	20	20	0	1.27	1.32	0.05	-2.31	-2.25	3	3	0	1800	1800	0
12/3/2023 14:13	52403 GRPA_T2	1	1	0	0.7	0	-0.7	-0.11	-0.12	0	0	0	0	0	0
12/3/2023 14:15	52402 GRPA_T2	2	4	2	1.45	1.03	-0.42	0	0	0	0	0	0	0	0
12/3/2023 14:16	52403 GRPA_T2	0	1	-1	0.5	0	-0.5	-0.11	-0.12	0	0	0	0	0	0
12/3/2023 14:17	64101 REFR_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/3/2023 14:20	60502 NMAN_T2	0	0	0	0	0	0	-0.6	-0.52	0	0	0	0	0	0
12/3/2023 14:20	64101 REFR_T1	0	0	0	0	0	0	0.05	0.04	0	0	0	0	0	0
12/3/2023 14:20	59101 WALK_T2	1	1	0	0	0	0	1.51	1.46	0	0	0	0	0	0
12/3/2023 14:21	67602 WARW_T2	0	0	0	0	0	0	1.24	1.23	0	0	0	0	0	0
12/3/2023 14:21	43302 WATS_T2	1	4	3	0.1	0.28	0.18	0	0	0	0	0	0	0	0
12/3/2023 14:22	43302 WATS_T2	1	4	3	0.1	0.28	0.18	0	0	0	0	0	0	0	0
12/3/2023 14:22	59101 WALK_T2	1	1	0	0	0	0	1.51	1.46	0	0	0	0	0	0
12/3/2023 14:22	66504 SMAN_T2	0	0	0	0	0	0	-0.59	-0.59	0	0	0	0	0	0
12/3/2023 14:22	64101 REFR_T1	0	0	0	0	0	0	0.14	0.11	0	0	0	0	0	0
12/3/2023 14:22	46001 BERW_T1	0	0	0	0	0	0	0.63	0.64	0	0	0	0	0	0
12/3/2023 14:23	45902 AUBU_T1	0	0	0	0	0	0	-1.07	-1.03	1	1	0	600	600	0
12/3/2023 14:23	45901 AUBU_T1	0	0	0	0	0	0	0.92	0.92	0	0	0	0	0	0
12/3/2023 14:23	64101 REFR_T1	0	0	0	0	0	0	0.1	0.07	0	0	0	0	0	0
12/3/2023 14:24	46004 BERW_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/3/2023 14:25	59101 WALK_T2	1	1	0	0	0	0	1.51	1.46	0	0	0	0	0	0
12/3/2023 14:25	56802 BENV_T2	0	1	1	0	0.1	0.1	-1.38	-1.4	0	0	0	0	0	0
12/3/2023 14:26	43302 WATS_T2	1	4	3	0.1	0.28	0.18	0	0	0	0	0	0	0	0
12/3/2023 14:26	45902 AUBU_T1	0	0	0	0	0	0	-1.03	-1.05	1	1	0	600	600	0
12/3/2023 14:26	16302 ALPA_T2	1	2	1	1.1	0	-1.1	-0.85	-0.84	0	0	0	0	0	0
12/3/2023 14:27	46001 BERW_T1	0	0	0	0	0	0	0.64	0.63	0	0	0	0	0	0
12/3/2023 14:27	28403 HART_T2	0	0	0	0	0	0	-0.8	-0.81	1	1	0	900	900	0
12/3/2023 14:27	45902 AUBU_T1	0	0	0	0	0	0	-1.03	-1.05	1	1	0	600	600	0
12/3/2023 14:27	46203 DANV_T2	0	0	0	0	0	0	-1.43	-1.43	0	0	0	0	0	0
12/3/2023 14:28	45501 DERR_T2	0	0	0	0	0	0	0	-0.11	1	1	0	600	600	0
12/3/2023 14:30	52404 GRPA_T2	0	1	1	0	0.1	0.1	0	0	0	0	0	0	0	0
12/3/2023 14:31	52403 GRPA_T2	0	2	2	0	0.1	0.1	-0.24	-0.14	0	0	0	0	0	0
12/3/2023 14:33	56802 BENV_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/3/2023 14:36	16302 ALPA_T2	1	1	0	1.6	0	-1.6	-0.85	-0.84	0	0	0	0	0	0
12/3/2023 14:36	43302 WATS_T2	4	3	-1	0.28	0.23	-0.05	0	0	0	0	0	0	0	0
12/3/2023 14:37	16302 ALPA_T2	1	1	0	1.6	0	-1.6	-0.85	-0.84	0	0	0	0	0	0
12/3/2023 14:37	43304 WATS_T2	0	0	0	0	0	0	-2.84	-2.89	0	0	0	0	0	0
12/3/2023 14:37	60201 ATGL_T2	0	0	0	0	0	0	0.11	0.08	0	0	0	0	0	0
12/3/2023 14:37	67602 WARW_T2	0	0	0	0	0	0	1.23	1.19	0	0	0	0	0	0
12/3/2023 14:37	45902 AUBU_T1	0	3	3	0	0.1	0.1	-1.03	-1.05	1	1	0	600	600	0
12/3/2023 14:38	43304 WATS_T2	0	0	0	0	0	0	-0.95	-0.96	0	0	0	0	0	0
12/3/2023 14:38	45902 AUBU_T1	0	3	3	0	0.1	0.1	-1.03	-1.05	1	1	0	600	600	0
12/3/2023 14:39	46004 BERW_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/3/2023 14:39	45902 AUBU_T1	0	3	3	0	0.1	0.1	0	0	0	0	0	0	0	0
12/3/2023 14:40	45902 AUBU_T1	0	3	3	0	0.1	0.1	-1.03	-1.05	1	1	0	600	600	0
12/3/2023 14:41	54504 ENOL_T2	0	0	0	0	0	0	-0.94	-1.05	1	1	0	600	600	0
12/3/2023 14:41	45902 AUBU_T1	0	3	3	0	0.1	0.1	-1.05	-1.05	1	1	0	600	600	0
12/3/2023 14:42	40701 FFLD_T1	34	35	1	0.45	0.54	0.09	0	0	0	0	0	0	0	0
12/3/2023 14:42	52402 GRPA_T2	1	4	3	2	1.1	-0.9	0	0	0	0	0	0	0	0
12/3/2023 14:43	40101 HUNT_T2	0	0	0	0	0	0	-0.74	-0.72	0	0	0	0	0	0
12/3/2023 14:47	55001 NEWP_T1	1	1	0	0.1	0.2	0.1	0	0	0	0	0	0	0	0
12/3/2023 14:52	58003 WCAR_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/3/2023 14:52	55105 WERT_T1	0	1	1	0	0	0	-0.68	-0.7	1	1	0	900	900	0
12/3/2023 14:52	59101 WALK_T2	1	1	0	0	0	0	1.57	1.28	0	0	0	0	0	0
12/3/2023 14:52	59101 WALK_T2	1	1	0	0	0	0	1.57	1.28	0	0	0	0	0	0
12/3/2023 14:52	10805 CHHI_T2	6	7	1	1.52	1.48	-0.04	-1.04	-1.01	0	0	0	0	0	0
12/3/2023 14:53	20403 ASHF_T2	0	0	0	0	0	0	0.23	0.25	0	0	0	0	0	0
12/3/2023 14:53	59101 WALK_T2	1	1	0	0	0	0	1.57	1.28	0	0	0	0	0	0
12/3/2023 14:54	20403 ASHF_T2	0	0	0	0	0	0	0.23	0.25	0	0	0	0	0	0
12/3/2023 14:55	22101 EDEL_T2	0	0	0	0	0	0	0.51	0.52	1	1	0	1200	1200	0
12/3/2023 14:56	61801 EELI_T2	0	0	0	0	0	0	-1.01	-1.01	1	1	0	600	600	0
12/3/2023 15:02	52006 LING_T2	3	3	0	1.1	1.13	0.03	0	0	0	0	0	0	0	0
12/3/2023 15:05	47401 PENS_T1	0	0	0	0	0	0	0.61	0.62	0	0	0	0	0	0
12/3/2023 15:06	57403 SPAN_T1	0	0	0	0	0	0	0	0	0

12/3/2023 18:17	45501 DERR_T2	1	0	-1	0.2	0	-0.2	0.02	0.05	1	1	0	600	600	0
12/3/2023 18:17	57403 SPAN_T1	1	0	-1	1.5	0	-1.5	0	0	0	0	0	0	0	0
12/3/2023 18:17	45902 AUBU_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/3/2023 18:18	45902 AUBU_T1	0	0	0	0	0	0	-1.04	-1.08	1	1	0	600	600	0
12/3/2023 18:18	49804 UNIV_T1	1	1	0	1.2	0.6	-0.6	0	0	0	0	0	0	0	0
12/3/2023 18:18	45501 DERR_T2	1	0	-1	0.2	0	-0.2	0.02	0.05	1	1	0	600	600	0
12/3/2023 18:18	41801 GOCI_T2	1	2	1	1.6	1.2	-0.4	0	0	0	0	0	0	0	0
12/3/2023 18:19	20401 ASHF_T2	2	2	0	0.85	0.4	-0.45	0	0	0	0	0	0	0	0
12/3/2023 18:19	57401 SPAN_T1	0	0	0	0	0	0	-0.85	-0.83	1	1	0	600	600	0
12/3/2023 18:19	46206 DANV_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/3/2023 18:20	29401 BELT_T1	0	10	10	0	0.13	0.13	0	0	0	0	0	0	0	0
12/3/2023 18:20	45902 AUBU_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/3/2023 18:20	63203 MGTN_T1	0	0	0	0	0	0	-0.28	-0.27	1	1	0	600	600	0
12/3/2023 18:20	27502 WEIS_T2	0	0	0	0	0	0	-0.59	-0.56	0	0	0	0	0	0
12/3/2023 18:21	17802 GILB_T1	0	0	0	0	0	0	0.13	0.11	0	0	0	0	0	0
12/3/2023 18:21	57403 SPAN_T1	1	0	-1	1.5	0	-1.5	0.05	0.05	0	0	0	0	0	0
12/3/2023 18:21	45902 AUBU_T1	0	0	0	0	0	0	-1.04	-1.08	1	1	0	600	600	0
12/3/2023 18:23	14403 SSLA_T1	0	1	-1	0	0.4	0.4	0.84	0.8	0	0	0	0	0	0
12/3/2023 18:23	12701 MACU_T1	0	2	2	0	0.1	0.1	0.08	0.08	0	0	0	0	0	0
12/3/2023 18:23	67503 WEWI_T2	0	0	0	0	0	0	-0.32	-0.33	0	0	0	0	0	0
12/3/2023 18:23	48302 ORWI_T2	2	2	0	0.35	0.55	0.2	0	-0.04	0	0	0	0	0	0
12/3/2023 18:23	57401 SPAN_T1	0	0	0	0	0	0	-0.85	-0.83	1	1	0	600	600	0
12/3/2023 18:23	44601 SALE_T2	0	1	1	0	0	0	-0.12	-0.17	0	0	0	0	0	0
12/3/2023 18:23	46001 BERW_T1	0	1	1	0	0	0	0.63	0.65	0	0	0	0	0	0
12/3/2023 18:24	66504 SMAN_T2	0	0	0	0	0	0	-0.55	-0.54	0	0	0	0	0	0
12/3/2023 18:24	64101 REFR_T1	0	0	0	0	0	0	-0.08	-0.08	0	0	0	0	0	0
12/3/2023 18:24	45902 AUBU_T1	0	0	0	0	0	0	-1.04	-1.08	1	1	0	600	600	0
12/3/2023 18:24	29402 BELT_T1	1	1	0	7.2	7.5	0.3	0	0	0	0	0	0	0	0
12/3/2023 18:25	43304 WATS_T2	18	0	-18	0.55	0	-0.55	0	0	0	0	0	0	0	0
12/3/2023 18:26	52006 LING_T2	3	3	0	0.37	0.53	0.16	0	0	0	0	0	0	0	0
12/3/2023 18:26	12701 MACU_T1	0	2	2	0	0.1	0.1	0.08	0.07	0	0	0	0	0	0
12/3/2023 18:26	64101 REFR_T1	0	0	0	0	0	0	-0.08	-0.08	0	0	0	0	0	0
12/3/2023 18:26	56802 BENV_T2	0	0	0	0	0	0	-1.36	-1.4	0	0	0	0	0	0
12/3/2023 18:26	45902 AUBU_T1	0	0	0	0	0	0	-1.08	-1.08	1	1	0	600	600	0
12/3/2023 18:26	42701 AUGU_T1	0	2	2	0	0	0	0	0	2	2	0	1800	1800	0
12/3/2023 18:27	16302 ALPA_T2	0	1	1	0	0	0	-0.79	-0.81	0	0	0	0	0	0
12/3/2023 18:28	40702 FFLD_T1	36	86	50	0.17	0.17	0	-1.21	-1.22	1	1	0	1200	1200	0
12/3/2023 18:28	20403 ASHF_T2	1	1	0	2.8	0	-2.8	0.31	0.33	0	0	0	0	0	0
12/3/2023 18:28	20403 ASHF_T2	1	1	0	2.8	0	-2.8	0.31	0.33	0	0	0	0	0	0
12/3/2023 18:28	45902 AUBU_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/3/2023 18:28	12701 MACU_T1	0	2	2	0	0.1	0.1	0.08	0.07	0	0	0	0	0	0
12/3/2023 18:28	40101 HUNT_T2	0	0	0	0	0	0	-0.71	-0.71	0	0	0	0	0	0
12/3/2023 18:29	46801 HEPB_T2	0	0	0	0	0	0	0.62	0.6	0	0	0	0	0	0
12/3/2023 18:29	29402 BELT_T1	1	1	0	7.2	7.5	0.3	0	0	0	0	0	0	0	0
12/3/2023 18:29	64101 REFR_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/3/2023 18:30	65901 SAKR_T2	1	1	0	7.7	8	0.3	-1.41	-1.35	1	1	0	900	900	0
12/3/2023 18:30	57401 SPAN_T1	0	0	0	0	0	0	-0.83	-0.84	1	1	0	600	600	0
12/3/2023 18:30	46004 BERW_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/3/2023 18:31	63401 HONY_T1	0	0	0	0	0	0	0.31	0.27	0	0	0	0	0	0
12/3/2023 18:31	64101 REFR_T1	0	0	0	0	0	0	-0.16	-0.16	0	0	0	0	0	0
12/3/2023 18:31	67602 WARW_T2	0	0	0	0	0	0	0.28	0.33	0	0	0	0	0	0
12/3/2023 18:31	43201 MVIL_T2	0	1	1	0	0	0	-0.39	-0.38	0	0	0	0	0	0
12/3/2023 18:32	43304 WATS_T2	0	4	4	0	0	0	-0.89	-0.91	0	0	0	0	0	0
12/3/2023 18:32	43302 WATS_T2	0	0	0	0	0	0	-0.92	-0.86	2	2	0	1800	1800	0
12/3/2023 18:32	14403 SSLA_T1	1	1	0	0.6	0	-0.6	0.8	0.79	0	0	0	0	0	0
12/3/2023 18:32	55002 NEWP_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/3/2023 18:32	43201 MVIL_T2	0	1	1	0	0	0	0	0	0	0	0	0	0	0
12/3/2023 18:32	65001 NEFF_T2	0	1	1	0	0.1	0.1	-1.35	-1.35	1	1	0	1200	1200	0
12/3/2023 18:33	43304 WATS_T2	0	4	4	0	0	0	-1.78	-1.81	0	0	0	0	0	0
12/3/2023 18:33	60501 NMAN_T2	3	3	0	4.7	4.5	-0.2	0	0	0	0	0	0	0	0
12/3/2023 18:33	46203 DANV_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/3/2023 18:33	43202 MVIL_T2	0	0	0	0	0	0	-0.7	-0.7	0	0	0	0	0	0
12/3/2023 18:33	64101 REFR_T1	0	0	0	0	0	0	-0.08	-0.08	0	0	0	0	0	0
12/3/2023 18:33	57403 SPAN_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/3/2023 18:33	67602 WARW_T2	0	0	0	0	0	0	0.28	0.33	0	0	0	0	0	0
12/3/2023 18:33	45702 LIND_T2	0	1	1	0	0.1	0.1	-0.49	-0.5	0	0	0	0	0	0
12/3/2023 18:34	59301 MCAL_T1	0	2	2	0	0.1	0.1	0	0	0	0	0	0	0	0
12/3/2023 18:34	43301 WATS_T2	1	0	-1	0.3	0	-0.3	0	0	0	0	0	0	0	0
12/3/2023 18:34	54001 SDLE_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/3/2023 18:34	64101 REFR_T1	0	0	0	0	0	0	-0.08	-0.08	0	0	0	0	0	0
12/3/2023 18:34	43401 BENT_T1	10	5	-5	1.5	0	-1.5	0	0	0	0	0	0	0	0
12/3/2023 18:34	46001 BERW_T1	1	0	-1	2.5	0	-2.5	0.65	0.62	0	0	0	0	0	0
12/3/2023 18:35	56801 BENV_T1	12	12	0	0.44	0.65	0.21	-0.7	-0.72	1	1	0	600	600	0
12/3/2023 18:35	47401 PENS_T1	0	0	0	0	0	0	0.68	0.66	0	0	0	0	0	0
12/3/2023 18:35	43304 WATS_T2	0	4	4	0	0	0	-0.89	-0.91	0	0	0	0	0	0
12/3/2023 18:35	59202 THOM_T1	1	1	0	0.5	0	-0.5	0	0	0	0	0	0	0	0
12/3/2023 18:36	54001 SDLE_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/3/2023 18:36	60201 ATGL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/3/2023 18:36	61801 EEU_T2	1	1	0	0.4	0	-0.4	-0.96	-0.97	1	1	0	600	600	0
12/3/2023 18:36	59101 WALK_T2	1	1	0	0	0	0	3.01	3.27	3	3	0	1350	1350	0
12/3/2023 18:36	55002 NEWP_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/3/2023 18:37	47402 PENS_T1	120	120	0	2.21	3.38	1.17	0	0	0	0	0	0	0	0
12/3/2023 18:37	59101 WALK_T2	1	1	0	0	0	0	1	1.09	1	1	0	450	450	0
12/3/2023 18:37	56801 BENV_T1	12	12	0	0.44	0.65	0.21	-0.7	-0.72	1	1	0	600	600	0
12/3/2023 18:37	56802 BENV_T2	0	0	0	0	0	0	-1.36	-1.4	0	0	0	0	0	0
12/3/2023 18:37	64101 REFR_T1	0	0	0	0	0	0	-0.16	-0.16	0	0	0	0	0	0
12/3/2023 18:37	46204 DANV_T2	1	0	-1	0.2	0	-0.2	0	0	0	0	0	0	0	0
12/3/2023 18:37	52403 GRPA_T2	4	4	3	2.6	2.5	-0.1	-0.02	-0.01	0	0	0	0	0	0
12/3/2023 18:37	66505 SMAN_T2	3	3	0	0.33	0.23	-0.1	-0.42	-0.38	2	2	0	1100	1100	0
12/3/2023 18:38	60803 BUCK_T1	0	0	0	0	0	0	-1.54	-1.57	1	1	0	600	600	0
12/3/2023 18:38	40101 HUNT_T2	0	0	0	0	0	0	-0.71	-0.71	0	0	0	0	0	0
12/3/2023 18:38	56801 BENV_T1	12	12	0	0.44	0.65	0.21	-0.7	-0.72	1	1	0	600	600	0
12/3/2023 18:38	41801 GOCI_T2	2	1	-1	0.85	0.7	-0.15	0	0	0	0	0	0	0	0
12/3/2023 18:38	41902 REED_T1	3	2	-1	0.3	0.1	-0.2	0.81	0.82	0	0	0	0	0	0
12/3/2023 18:38	56802 BENV_T2	0	0	0	0	0	0	-1.36	-1.4	0	0	0	0	0	0
12/3/2023 18:39	43301 WATS_T2	1	0	-1	0.3	0	-0.3	-0.62	-0.61	1	1	0	900	900	0
12/3/2023 18:39	52402 GRPA_T2	1	3	2	2.3	1	-1.3	0	0	0	0	0	0	0	0
12/3/2023 18:39	55002 NEWP_T1	6	6	0	0.48	0.53	0.05	-0.26	-0.27	0	0	0	0	0	0
12/3/2023 18:39	57401 SPAN_T1	0	0	0	0	0	0	-0.83	-0.84	1	1	0	600	600	0
12/3/2023 18:39	56501 ROCK_T2	2	2	0	1.45	2.1	0.65	-1.56	-1.61	0	0	0	0	0	0
12/3/2023 18:39	43304 WATS_T2	0	4	4	0	0	0	-1.78	-1.81	0	0	0	0	0	0
12/3/2023 18:39	52501 PROG_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/3/2023 18:39	57401 SPAN_T1	0	0	0	0	0	0	-0.83	-0.84	1	1	0	600	600	0
12/3/2023 18:39	46204 DANV_T2	1	0	-1	0.2	0	-0.2	0	0	0	0	0	0	0	0
12/3/2023 18:39	59101 WALK_T2	1	1	0	0	0	0	1	1.09	1	1	0	450	450	0
12/3/2023 18:39	56802 BENV_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/3/2023 18:40	56801 BENV_T1	12	12	0	0.44	0.65	0.21	-0.7	-0.72	1	1	0	600	600	0
12/3/2023 18:41	56801 BENV_T1	12	12	0	0.44	0.65	0.21	-0.72	-0.71	1	1	0	600	600	0
12/3/2023 18:42	55002 NEWP_T1	6	6	0	0.48	0.53	0.05	-0.27	-0.24	0	0	0	0	0	0
12/3/2023 18:42	56801 BENV_T1	12	12	0	0.44	0.65	0.21	-0.72	-0.71	1	1	0	600	600	0
12/3/2023 18:42	40101 HUNT_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/3/2023 18:43	40901 JESH_T1	1	1	0	0.5	0.2	-0.3	0	0	0	0	0	0	0	0
12/3/2023 18:43	58402 MORO_T1	0	1	1	0	0.7	0.7	-0.42	-0.45	2	2	0	1500	1500	0
12/3/2023 18:43	52402 GRPA_T2	1	3	2	2.3	1	-1.3	0	0	0	0	0	0	0	0
12/3/2023 18:43	56501 ROCK_T2	2	2	0	1.45	2.1	0.65	-1.61	-1.58	0	0	0	0	0	0
12/3/2023 18:43	58003 WCAR_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/3/2023 18:44	56801 BENV_T1	12	12	0	0.44	0.65	0.21	-1.44	-1.42	2	2	0	1200	1200	0
12/3/2023 18:44	46206 DANV_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/3/2023 18:44	55002 NEWP_T1	6	6	0	0.48	0.53	0.05	-0.54	-0.48	0	0	0	0	0	0
12/3/2023 18:44	60201 ATGL_T2	0	0	0	0	0	0	0.13	0.12	0	0	0	0	0	0
12/3/2023 18:44	54001 SDLE_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/3/2023 18:45	66703 STRA_T1	0	1	1	0	0.2	0.2	-0.36	-0.36	0	0	0	0	0	0
12/3/2023 18:45	54701 NEBL_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/3/2023 18:45	56801 BENV_T1	10	21	11	0.56	1.15	0.59	-0.72	-0.71	1	1	0	600	600	0
12/3/2023 18:45	46801 HEPB_T2	0	0	0	0	0	0	0.6	0.63	0	0	0	0	0	0
12/3/2023 18:48	46203 DANV_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/3/2023 18:48	40201 BEGA_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/3/2023 18:48	56801 BENV_T1	10	21	11	0.56	1.15	0.59	-0.72	-0.71	1	1	0	600	600	0
12/3/2023 18:48	54701 NEBL_T1	0	0	0	0	0	0	0	0	1	1	0	600	600	0
12/3/2023 18:49	56801 BENV_T1	10	21	11	0.56	1.15	0.59	-1.44	-1.42	2	2	0	1200	1200	0
12/3/2023 18:50	42701 AUGU_T1	2	0	-2	0.35	0	-0.35	0	0	2	2	0	1800	1800	0
12/3/2023 18:50	67401 WAKE_T2	0	0	0	0	0	0	-1.21	-1	0	0	0	0	0	0
12/3/2023 18:51	52403 GRPA_T2	2	3	1	2.05	2.1	0.05	-0.01	-0.07	0	0	0	0	0	0
12/3/2023 18:51	56801 BENV_T1	10	21	11	0.56	1.15	0.59	-1.44	-1.42	2	2	0	1200	1200	0
12/3/2023 18:52	54001 SDLE_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/3/2023 18:52	58402 MORO_T1	1	1	0	1.3	0	-1.3	-0.42	-0.45	2	2	0	1500	1500	0
12/3/2023 18:53	46203 DANV_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/3/2023 18:53	41901 REED_T1	0	1	1	0	0.2	0.2	0	0	0	0	0	0	0	0
12/3/2023 18:55	40101 HUNT_T2	0	0	0	0	0	0	-0.71	-0.7	0	0	0	0	0	0
12/3/2023 19:01	16302 ALPA_T2	0	2	2	0	0	0	-0.81	-0.81	0	0	0	0	0	0
12/3/2023 19:19	65001 NEFF_T2	2	5	3	0.1	0.12	0.02	-1.38	-1.41	1	1	0	1200	1200	0
12/4/2023 0:28	60803 BUCK_T1	0	0	0	0	0	0	-1.13	-1.08	1	1	0	600	600	0
12/4/2023 0:28	59101 WALK_T2	1	1	0	0	0	0	1.35	1.45	0	0	0	0	0	0
12/4/2023 0:28	55105 WERT_T1	0	0	0	0	0	0	-0.78	-0.79	1	1	0	900	900	0
12/4/2023 0:28	42201 SHEN_T2	0	0	0	0	0	0	0.4	0.38	0	0	0	0	0	0
12/4/2023 0:28	25402 LAHA_T2	131	130	-1	0.83	0.85	0.02	-0.84	-0.84	0	0	0	0	0	0
12/4/2023 0:28	57401 SPAN_T1	0	2	2	0	0.15	0.15	-1.03	-0.95	1	1	0	600	600	0
12/4/2023 1:34	65003 NEFF_T2	1	1	0	0.1	0.1	0	0	0	0	0	0	0	0	0
12/4/2023 2:10	52401 GRPA_T2	1	1	0	0.1	0.2	0.1	0	0	0	0	0	0	0	0
12/4/2023 5:10	43401 BENT_T1	2	1	-1	1.15	0	-1.15	0	0	0	0	0	0	0	0
12/4/2023 5:29	43402 BENT_T1	0	0	0	0	0	0	-1.56	-1.56	2	2	0	1500	1500	0
12/4/2023 6:10	43401 BENT_T1	1	1	0	0.3	0	-0.3	0	0	0	0	0	0	0	0
12/4/2023 6:29	43401 BENT_T1	1	0	-1	0.5	0	-0.5	0	0	0	0	0	0	0	0
12/4/2023 7:10	43402 BENT_T1	0	0	0	0	0	0	-1.54	-1.54	2	2	0	1500	1500	0
12/4/2023 7:29	43402 BENT_T1	0	0	0	0	0	0	-1.54	-1.51	2	2	0	1500	1500	0
12/4/2023 7:52	43402 BENT_T1	0	3	3	0	0	0	-1.51	-1.5	2	2	0	1500	1500	0
12/4/2023 7:56	43402 BENT_T1	0	3	3	0	0	0	-1.5	-0.83	2	1	-1	1500	900	-600
12/4/2023 7:58	45502 DERR_T2	2	4	2	0.65	0.9	0.25	0	0	0	0	0	0	0	0
12/4/2023 8:02	40101 HUNT_T2	6	35	29	0.67	0.33	-0.34	-0.19	-0.22	0	0	0	0	0	0
12/4/2023 8:10	43402 BENT_T1	3	1	-2	0.4	0	-0.4	-1.5	-0.83	1	1	0	900	900	0
12/4/2023 8:11	45502 DERR_T2	4	2	-2	0.73	0.85	0.12	0	0	0	0	0	0	0	0
12/4/2023 8:15	54701 NEBL_T1	0	0	0	0	0	0	0	0	1	1	0	600	600	0
12/4/2023 8:16	54701 NEBL_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/4/2023 8:20	59101 WALK_T2	1	1	0	0	0	0	1.95	1.92	1	1	0	600	600	0
12/4/2023 8:29	43402 BENT_T1	0	3	3	0	0.1	0.1	-1.42	-1.33	1	1	0	900	900	0
12/4/2023 8:32	13901 SEID_T1	0	0	0	0	0	0	0.22	0.22	0	0	0	0	0	0
12/4/2023 8:34	55002 NEWP_T1	5	6	1	0.84	0.8	-0.04	-0.2	-0.23	0	0	0	0	0	0
12/4/2023 8:38	53601 DALM_T2	1	2	1	0.9	0.9	0	-0.63	-0.59	1	1	0	900	900	0
12/4/2023 8:45	13302 ORVI_T2	44	69	25	0.18	0.18	0	0.75	0.82	0	0	0	0	0	0
12/4/2023 9:00	52503 PROG_T2	0	0	0	0	0	0	-0.61	-0.63	1	1	0	900	900	0
12/4/2023 9:00	43304 WATS_T2	0	0	-1	0.2	0	-0.2	-0.27	-0.24	0	0	0	0	0	0
12/4/2023 9:00	46903 MNTG_T2	0	0	0	0	0	0	0.08	0.06	1	1	0	600	600	0
12/4/2023 9:00	13901 SEID_T1	1	0	-1	9.8	0	-9.8	0.21	0.22	0	0	0	0	0	0
12/4/2023 9:00	47101 MARL_T1	0	0	0	0	0	0	-0.86	-0.91	1	1	0	600	600	0
12/4/2023 9:00	67503 WEWI_T2	0	0	0	0	0	0	-0.14	-0.14	0	0	0	0	0	0
12/4/2023 9:00	58402 MORO_T1	0	0	0	0	0	0	-0.92	-0.99	3	3	0	2400	2400	0
12/4/2023 9:00	43402 BENT_T1	0	0	0	0	0	0	-1.33	-1.31	2	2	0	1500	1500	0
12/4/2023 9:00	46004 BERW_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/4/2023 9:03	54203 PENN_T1	19	18	-1	1.43	1.39	-0.04	0	0	0	0	0	0	0	0
12/4/2023 9:05	13302 ORVI_T2	54	59	5

Appendix C - Grid Benefits Achieved in Each Instance of Active Management

12/4/2023 9:49	41901 REED_T1	3	10	7	0.23	0.33	0.1	0	0	0	0	0	0	0	0
12/4/2023 9:50	64101 REFR_T1	0	0	0	0	0	0	-0.13	-0.12	0	0	0	0	0	0
12/4/2023 9:51	41901 REED_T1	3	10	7	0.23	0.33	0.1	0	0	0	0	0	0	0	0
12/4/2023 9:52	43304 WATS_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/4/2023 9:52	64101 REFR_T1	0	0	0	0	0	0	-0.39	-0.36	0	0	0	0	0	0
12/4/2023 9:53	45902 AUBU_T1	0	0	0	0	0	0	-0.48	-0.43	1	1	0	600	600	0
12/4/2023 9:54	29402 BELT_T1	1	1	0	7.1	7.4	0.3	0	0	0	0	0	0	0	0
12/4/2023 9:55	64101 REFR_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/4/2023 9:56	11804 FRAN_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/4/2023 9:56	29402 BELT_T1	1	1	0	7.1	7.4	0.3	0	0	0	0	0	0	0	0
12/4/2023 9:56	53501 EVIL_T2	2	4	2	0.35	0.5	0.15	-0.02	-0.14	1	1	0	600	600	0
12/4/2023 9:56	10801 CHHI_T1	0	0	0	0	0	0	-1.45	-1.41	2	2	0	1500	1500	0
12/4/2023 9:58	53501 EVIL_T2	2	4	2	0.35	0.5	0.15	-0.02	-0.14	1	1	0	600	600	0
12/4/2023 9:59	53501 EVIL_T2	2	4	2	0.35	0.5	0.15	-0.02	-0.14	1	1	0	600	600	0
12/4/2023 10:00	64802 MONE_T2	0	0	0	0	0	0	0.1	0.15	0	0	0	0	0	0
12/4/2023 10:01	58402 MORO_T1	0	0	0	0	0	0	-0.89	-0.95	3	3	0	2400	2400	0
12/4/2023 10:01	29402 BELT_T1	1	1	0	7.3	7.6	0.3	0	0	0	0	0	0	0	0
12/4/2023 10:01	45003 LIME_2	1	3	2	1	1.4	0.4	0	0	1	1	0	1200	1200	0
12/4/2023 10:02	55002 NEWP_T1	4	5	1	0.3	0.56	0.26	-0.19	-0.2	0	0	0	0	0	0
12/4/2023 10:03	55002 NEWP_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/4/2023 10:03	13302 ORVI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/4/2023 10:03	57401 SPAN_T1	2	0	-2	0.25	0	-0.25	-1.03	-1.01	1	1	0	600	600	0
12/4/2023 10:03	40602 PIGR_T1	0	0	0	0	0	0	-0.52	0	1	1	0	600	600	0
12/4/2023 10:04	55002 NEWP_T1	4	5	1	0.3	0.56	0.26	-0.19	-0.2	0	0	0	0	0	0
12/4/2023 10:05	43201 MVIL_T2	0	0	0	0	0	0	-1.18	-1.16	0	0	0	0	0	0
12/4/2023 10:05	13302 ORVI_T2	1	1	0	0.1	0.2	0.1	0.82	0.87	0	0	0	0	0	0
12/4/2023 10:05	57403 SPAN_T1	4	4	0	0.1	0	-0.1	0	0	0	0	0	0	0	0
12/4/2023 10:05	58402 MORO_T1	0	0	0	0	0	0	-0.89	-0.95	3	3	0	2400	2400	0
12/4/2023 10:07	57403 SPAN_T1	4	4	0	0.1	0	-0.1	0	0	0	0	0	0	0	0
12/4/2023 10:07	20403 ASHF_T2	0	0	0	0	0	0	0.15	0.19	0	0	0	0	0	0
12/4/2023 10:08	46206 DANV_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/4/2023 10:08	42701 AUGU_T1	1	0	-1	0.2	0	-0.2	0	0	4	4	0	3600	3600	0
12/4/2023 10:09	52401 GRPA_T2	0	1	1	0	0.5	0.5	0	0	0	0	0	0	0	0
12/4/2023 10:09	29402 BELT_T1	1	1	0	7.3	7.6	0.3	0	0	0	0	0	0	0	0
12/4/2023 10:09	56803 BENV_T1	0	1	1	0	3.1	3.1	0	0	0	0	0	0	0	0
12/4/2023 10:10	20402 ASHF_T2	0	3	3	0	0	0	0	0	0	0	0	0	0	0
12/4/2023 10:10	46203 DANV_T2	0	0	0	0	0	0	0	-0.01	0	0	0	0	0	0
12/4/2023 10:11	56803 BENV_T1	0	1	1	0	3.1	3.1	0	0	0	0	0	0	0	0
12/4/2023 10:11	46206 DANV_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/4/2023 10:12	52404 GRPA_T2	0	1	1	0	0.2	0.2	0.55	0.41	0	0	0	0	0	0
12/4/2023 10:12	56802 BENV_T2	1	96	95	0.7	0.19	-0.51	-1.4	-1.25	0	0	0	0	0	0
12/4/2023 10:12	52403 GRPA_T2	2	0	-2	0.25	0	-0.25	0.04	0	0	0	0	0	0	0
12/4/2023 10:14	26401 INOR_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/4/2023 10:15	12701 MACU_T1	0	0	0	0	0	0	0.13	0.1	0	0	0	0	0	0
12/4/2023 10:15	53903 HALI_T2	2	2	0	0.3	0.5	0.2	-0.24	-0.23	0	0	0	0	0	0
12/4/2023 10:15	52404 GRPA_T2	0	1	1	0	0.2	0.2	0.55	0.41	0	0	0	0	0	0
12/4/2023 10:16	12701 MACU_T1	0	0	0	0	0	0	0.13	0.1	0	0	0	0	0	0
12/4/2023 10:18	65003 NEFF_T2	0	1	1	0	0.1	0.1	0	0	0	0	0	0	0	0
12/4/2023 10:19	56501 ROCK_T2	1	2	1	0.5	0.6	0.1	-0.84	-0.84	0	0	0	0	0	0
12/4/2023 10:21	67502 WEWI_T2	0	0	0	0	0	0	-1.12	-1.15	1	1	0	900	900	0
12/4/2023 10:21	67001 STHI_T2	456	536	80	0.19	0.26	0.07	0	0	0	0	0	0	0	0
12/4/2023 10:22	67002 STHI_T2	95	216	121	0.15	0.18	0.03	0.67	0.67	0	0	0	0	0	0
12/4/2023 10:22	56802 BENV_T2	77	84	7	0.19	0.18	-0.01	-1.4	-1.25	0	0	0	0	0	0
12/4/2023 10:23	67001 STHI_T2	456	536	80	0.19	0.26	0.07	0	0	0	0	0	0	0	0
12/4/2023 10:23	67502 WEWI_T2	0	0	0	0	0	0	-1.12	-1.15	1	1	0	900	900	0
12/4/2023 10:24	44301 BEAV_T2	0	0	0	0	0	0	0.12	0.13	2	2	0	1500	1500	0
12/4/2023 10:24	67502 WEWI_T2	0	0	0	0	0	0	-1.12	-1.15	1	1	0	900	900	0
12/4/2023 10:24	56802 BENV_T2	77	84	7	0.19	0.18	-0.01	-1.4	-1.25	0	0	0	0	0	0
12/4/2023 10:25	67303 WYOM_T2	0	0	0	0	0	0	-0.18	-0.21	0	0	0	0	0	0
12/4/2023 10:25	56802 BENV_T2	77	84	7	0.19	0.18	-0.01	-4.2	-3.76	0	0	0	0	0	0
12/4/2023 10:25	45502 DERR_T2	1	1	0	1.2	0	-1.2	0	0	0	0	0	0	0	0
12/4/2023 10:26	45501 DERR_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/4/2023 10:26	56802 BENV_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/4/2023 10:27	40101 HUNT_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/4/2023 10:28	64201 KINZ_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/4/2023 10:29	64204 KINZ_T1	1	1	0	0.6	1	0.4	0	0	0	0	0	0	0	0
12/4/2023 10:29	17805 GILB_T2	0	0	0	0	0	0	0.04	0.11	0	0	0	0	0	0
12/4/2023 10:29	40101 HUNT_T2	6	12	6	0.32	0.25	-0.07	-0.34	-0.37	0	0	0	0	0	0
12/4/2023 10:30	17805 GILB_T2	0	0	0	0	0	0	0.04	0.11	0	0	0	0	0	0
12/4/2023 10:30	64802 MONE_T2	0	7	7	0	0.11	0.11	0.12	0.12	0	0	0	0	0	0
12/4/2023 10:30	64201 KINZ_T1	0	0	0	0	0	0	-0.36	-0.36	4	4	0	2100	2100	0
12/4/2023 10:31	12701 MACU_T1	0	0	0	0	0	0	0.1	0.12	0	0	0	0	0	0
12/4/2023 10:31	40101 HUNT_T2	12	7	-5	0.38	0.25	-0.13	-0.34	-0.37	0	0	0	0	0	0
12/4/2023 10:33	16402 MOPO_T1	2	0	-2	0.4	0	-0.4	0.2	0.23	0	0	0	0	0	0
12/4/2023 10:34	12701 MACU_T1	0	0	0	0	0	0	0.1	0.12	0	0	0	0	0	0
12/4/2023 10:34	48302 ORWI_T2	2	2	0	0.55	0.55	0	0.13	-0.53	0	0	0	0	0	0
12/4/2023 10:35	59101 WALK_T2	1	1	0	0.3	0	0	2.33	2.47	0	0	0	0	0	0
12/4/2023 10:35	40602 PIGR_T1	0	0	0	0	0	0	0	0	1	0	-1	600	0	-600
12/4/2023 10:35	66703 STRA_T1	0	4	4	0	0.13	0.13	-0.12	-0.11	0	0	0	0	0	0
12/4/2023 10:35	67002 STHI_T2	99	248	149	0.16	0.19	0.03	0	0	0	0	0	0	0	0
12/4/2023 10:35	62604 ENGL_T1	0	0	0	0	0	0	-1.01	-0.84	3	3	0	1800	1800	0
12/4/2023 10:36	67502 WEWI_T2	0	2	2	0	0.25	0.25	0	0	0	0	0	0	0	0
12/4/2023 10:36	45402 WILO_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/4/2023 10:36	16302 ALPA_T2	1	1	0	1.2	0	-1.2	0.72	0.66	0	0	0	0	0	0
12/4/2023 10:36	40602 PIGR_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/4/2023 10:36	65902 SAKR_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/4/2023 10:37	14403 SSLA_T1	0	0	0	0	0	0	0.96	0.96	0	0	0	0	0	0
12/4/2023 10:37	57403 SPAN_T1	2	14	12	1.2	0.28	-0.92	0	0	0	0	0	0	0	0
12/4/2023 10:37	16302 ALPA_T2	1	1	0	1.2	0	-1.2	0.72	0.66	0	0	0	0	0	0
12/4/2023 10:37	40602 PIGR_T1	0	0	2	0	0	0	0	0	0	0	0	0	0	0
12/4/2023 10:38	62604 ENGL_T1	0	0	0	0	0	0	-0.34	-0.28	1	1	0	600	600	0
12/4/2023 10:38	67001 STHI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/4/2023 10:38	57403 SPAN_T1	2	14	12	1.2	0.28	-0.92	0	0	0	0	0	0	0	0
12/4/2023 10:38	16302 ALPA_T2	1	1	0	1.2	0	-1.2	0.72	0.66	0	0	0	0	0	0
12/4/2023 10:38	62604 ENGL_T1	0	0	0	0	0	0	-0.34	-0.28	1	1	0	600	600	0
12/4/2023 10:39	16302 ALPA_T2	1	1	0	1.2	0	-1.2	0.72	0.66	0	0	0	0	0	0
12/4/2023 10:40	66503 SMAN_T2	45	160	115	0.13	0.19	0.06	0	0	0	0	0	0	0	0
12/4/2023 10:42	46801 HEPB_T2	0	0	0	0	0	0	0.57	0.6	0	0	0	0	0	0
12/4/2023 10:43	40101 HUNT_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/4/2023 10:44	54505 ENOL_T2	1	1	0	0.1	0.6	0.5	0	0	0	0	0	0	0	0
12/4/2023 10:46	40101 HUNT_T2	2	9	7	0.25	0.25	0	-0.37	-0.31	0	0	0	0	0	0
12/4/2023 10:49	60502 NMAN_T2	0	0	0	0	0	0	-0.09	-0.13	0	0	0	0	0	0
12/4/2023 10:49	67203 TEHI_T1	0	0	0	0	0	0	1.29	1.22	3	3	0	2100	2100	0
12/4/2023 10:51	40601 PIGR_T1	15	31	16	0.13	0.13	0	0	0	0	0	0	0	0	0
12/4/2023 10:53	60201 ATGL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/4/2023 10:53	42601 TUSC_T1	4	3	-1	0.15	0.35	0.2	0.52	0.3	4	4	0	3600	3600	0
12/4/2023 10:53	56802 BENV_T2	46	35	-11	0.17	0.18	0.01	-2.56	-2.58	0	0	0	0	0	0
12/4/2023 10:53	14403 SSLA_T1	0	0	0	0	0	0	0.96	0.88	0	0	0	0	0	0
12/4/2023 10:54	60803 BUCK_T1	0	0	0	0	0	0	-1.6	-1.59	1	1	0	600	600	0
12/4/2023 10:55	52403 GRPA_T2	0	0	0	0	0	0	0.06	0.06	0	0	0	0	0	0
12/4/2023 10:55	60201 ATGL_T2	0	0	0	0	0	0	-0.05	-0.05	1	1	0	600	600	0
12/4/2023 10:55	60803 BUCK_T1	0	0	0	0	0	0	-1.6	-1.59	1	1	0	600	600	0
12/4/2023 10:56	46004 BERW_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/4/2023 10:56	46203 DANV_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/4/2023 10:57	52404 GRPA_T2	1	1	0	0.2	0.2	0	0	0	0	0	0	0	0	0
12/4/2023 11:02	46903 MNTG_T2	0	0	0	0	0	0	0.26	0.3	1	1	0	600	600	0
12/4/2023 11:03	56501 ROCK_T2	1	2	1	0.5	0.4	-0.1	0	0	0	0	0	0	0	0
12/4/2023 11:03	65901 SAKR_T2	1	1	0	9.3	9.1	-0.2	-1.14	-1.16	1	1	0	900	900	0
12/4/2023 11:04	64101 REFR_T1	0	0	0	0	0	0	-0.06	-0.11	0	0	0	0	0	0
12/4/2023 11:06	56802 BENV_T2	35	95	60	0.18	0.21	0.03	-1.29	-1.23	0	0	0	0	0	0
12/4/2023 11:07	29401 BELT_T1	26	34	8	0.18	0.18	0	0	0	1	1	0	900	900	0
12/4/2023 11:07	27502 WEIS_T2	0	0	0	0	0	0	-0.47	-0.44	0	0	0	0	0	0
12/4/2023 11:07	44301 BEAV_T2	1	1	0	0.7	0	-0.7	0.56	0.08	4	4	0	3000	3000	0
12/4/2023 11:07	43001 ALWD_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/4/2023 11:08	44301 BEAV_T2	1	1	0	0.7	0	-0.7	0.28	0.04	2	2	0	1500	1500	0
12/4/2023 11:10	10805 CHHI_T2	7	7	0	2.7	8.6	5.9	-0.89	-0.78	1	1	0	600	600	0
12/4/2023 11:10	56802 BENV_T2	35	95	60	0.18	0.21	0.03	-1.29	-1.23	0	0	0	0	0	0
12/4/2023 11:11	46203 DANV_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/4/2023 11:11	29401 BELT_T1	26	34	8	0.18	0.18	0	0	0	1	1	0	900	900	0
12/4/2023 11:11	44301 BEAV_T2	1	1	0	0.7	0	-0.7	0.08	0.37	4	4	0	3000	3000	0
12/4/2023 11:11	56802 BENV_T2	35	95	60	0.18	0.21	0.03	-2.46	-2.58	0	0	0	0	0	0
12/4/2023 11:12	40101 HUNT_T2	7	6	-1	0.33	0.1	-0.23	-0.41	-0.42	0	0	0	0	0	0
12/4/2023 11:14	46901 MNTG_T2	0	0	0	0	0	0	1.72	1.54	0	0	0	0	0	0
12/4/2023 11:15	40101 HUNT_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/4/2023 11:15	64902 MILL_T2	0	0	0	0	0	0	-0.73	-0.71	1	1	0	900	900	0
12/4/2023 11:16	46203 DANV_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/4/2023 11:16	64202 KINZ_T1	2	2	0	0.4	0.35	-0.05	0	0	0	0	0	0	0	0
12/4/2023 11:16	40101 HUNT_T2	6	4	-2	0.27	0	-0.27	-0.41	-0.42	0	0	0	0	0	0
12/4/2023 11:17	44601 SALE_T2	0	0	0	0	0	0	0.88	1.01	1	1	0	600	600	0
12/4/2023 11:20	44901 SCOT_T2	0	0	0	0	0	0	0.1	0.15	0	0	0	0	0	0
12/4/2023 11:21	44601 SALE_T2	0	0	0	0	0	0	0.88	1.01	1	1	0	600	600	0
12/4/2023 11:21	44901 SCOT_T2	0	0	0	0	0	0	0.1	0.15	0	0	0	0	0	0
12/4/2023 11:21	64101 REFR_T1	0	0	0	0	0	0	-0.11	-0.13	0	0	0	0	0	0
12/4/2023 11:24	51604 DUKE_T2	0	30	30	0	0.27	0.27	-1.65	-1.66	1	1	0	900	900	0
12/4/2023 11:24	67502 WEWI_T2	23	86	63	0.2	0.23	0.03	0	0	0	0	0	0	0	0
12/4/2023 11:25	61801 EELI_T2	0	0	0	0	0	0	-0.28	-0.28	0	0	0	0	0	0
12/4/2023 11:26	54502 ENOL_T2	0	1	1	0	0.4	0.4	-2.02	-2.03	1	1	0	600	600	0
12/4/2023 11:27	52402 GRPA_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/4/2023 11:27	54502 ENOL_T2	0	1	1	0	0.4	0.4	-2.02	-2.03	1	1	0	600	600	0
12/4/2023 11:27	46203 DANV_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/4/2023 11:28	52402 GRPA_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/4/2023 11:30	46901 MNTG_T2	0	0	0	0	0	0	1.54	1.33	0	0	0	0	0	0
12/4/2023 11:31	65003 NEFF_T2	1	6	5	0.1	0.12	0.02	0	0	0	0	0	0	0	0
12/4/2023 11:32	51004 NHAR_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/4/2023 11:32	46901 MNTG_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/4/2023 11:32	46901 MNTG_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/4/2023 11:33	44601 SALE_T2	0	0	0	0	0	0	1.01	0.79	1	1	0	600	600	0
12/4/2023 11:33	57401 SPAN_T1	2	2	0	0.5	0.55	0.05	0	0	0	0	0	0	0	0
12/4/2023 11:34	57401 SPAN_T1	2	2	0	0.5	0.55	0.05	-0.98	-0.77	1	1	0	600	600	0
12/4/2023 11:34	57403 SPAN_T1	26	40	14	0.53	0.31	-0.22	0	0	0	0	0	0	0	0
12/4/2023 11:35	57401 SPAN_T1	2	2	0	0.5	0.55	0.05	-0.98	-0.77	1	1	0	600	600	0
12/4/2023 11:35	57401 SPAN_T1	2	2	0	0.5	0.55	0.05	-0.98	-0.77	1	1	0	600	600	0
12/4/2023 11:35	52501 PROG_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/4/2023 11:35	54206 PENN_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/4/2023 11:36	13901 SEID_T1	0	0	0	0	0	0	0.22	0.21	0	0	0	0	0	0
12/4/2023 11:36	55105 WERT_T1	1	7	6	1.2	0	-1.2	0	0	0	0	0	0	0	0
12/4/2023 11:36	20403 ASHF_T2	0	0	0	0	0	0	0.17	0.15	0	0	0	0	0	0
12/4/2023 11:36	62604 ENGL_T1	0	0	0	0	0	0	-0.54	-0.61	2	2	0	1200	1200	0
12/4/2023 11:37	55103 WERT_T1	0	1	1	0	0	0	0	0	0	0	0	0	0	0
12/4/2023 11:37	57403 SPAN_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/4/2023 11:37	44601 SALE_T2	0	0	0	0	0	0	1.01	0.79	1	1	0	600	600	0
12/4/2023 11:37	67002 STHI_T2	260	26	-234	0.21	0.12	-0.09	1.38	1.34	0	0	0	0	0	0
12/4/2023 11:38	55101 WERT_T1	0	0	0	0	0	0	-1.65	-1.59	2	2	0	1500	1500	0
12/4/2023 11:38	62604 ENGL_T1	0	0	0	0	0	0	-0.54	-0.61	2	2	0	1200	1200	0
12/4/2023 11:39	67502 WEWI_T2	86	26	-60	0.22	0.22	0	-1.21	-1.26	1	1	0	900	900	0
12/4/2023 11:39	54502 ENOL_T2	1	1	0	0.4	0.3	-0.1	0	0	0	0	0	0	0	0
12/4/2023 11:39	20403 ASHF_T2	0	0	0	0	0	0	0.17	0.15	0	0	0	0	0	0
12/4/2023 11:39	67502 WEWI_T2	86	26	-60	0.22	0.22	0	-1.21	-1.26	1	1	0	900	900	0
12/4/2023 11:39	62604 ENGL_T1	0	0	0	0	0	0	-0.27	-0.31	1	1	0	600	600	0
12/4/2023 11:40	67503 WEWI_T2	0	0	0	0	0	0	-0.29	-0

12/4/2023 12:05	67503 WEWI_T2	0	0	0	0	0	0	-0.27	-0.32	0	0	0	0	0	0
12/4/2023 12:05	67503 WEWI_T2	0	0	0	0	0	0	-0.27	-0.32	0	0	0	0	0	0
12/4/2023 12:06	54201 PENN_T1	10	16	6	0.6	0.55	-0.05	1.02	0.98	0	0	0	0	0	0
12/4/2023 12:06	67503 WEWI_T2	0	0	0	0	0	0	-0.55	-0.64	0	0	0	0	0	0
12/4/2023 12:06	60201 ATGL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/4/2023 12:07	42201 SHEN_T2	0	0	0	0	0	0	-0.14	-0.11	1	1	0	600	600	0
12/4/2023 12:07	59301 MCAL_T1	2	2	0	0.7	0.8	0.1	0	0	0	0	0	0	0	0
12/4/2023 12:07	55103 WERT_T1	1	1	0	2.2	0	-2.2	0	0	0	0	0	0	0	0
12/4/2023 12:07	13901 SEID_T1	0	0	0	0	0	0	0.2	0.21	0	0	0	0	0	0
12/4/2023 12:08	55105 WERT_T1	6	3	-3	1.27	0	-1.27	0	0	0	0	0	0	0	0
12/4/2023 12:10	55101 WERT_T1	0	1	1	0	0	0	-1.57	-1.49	2	2	0	1500	1500	0
12/4/2023 12:15	59301 MCAL_T1	2	2	0	0.8	0.7	-0.1	-1.87	-1.82	1	1	0	600	600	0
12/4/2023 12:17	47401 PENS_T1	0	0	0	0	0	0	-0.41	-0.38	0	0	0	0	0	0
12/4/2023 12:18	47401 PENS_T1	0	0	0	0	0	0	-0.41	-0.38	0	0	0	0	0	0
12/4/2023 12:20	47403 PENS_T1	1	3	2	2	1.1	-0.9	0	0	0	0	0	0	0	0
12/4/2023 12:20	62604 ENGL_T1	0	0	0	0	0	0	-0.32	-0.29	1	1	0	600	600	0
12/4/2023 12:21	20403 ASHF_T2	0	0	0	0	0	0	0.16	0.13	0	0	0	0	0	0
12/4/2023 12:23	62604 ENGL_T1	0	0	0	0	0	0	-0.64	-0.57	2	2	0	1200	1200	0
12/4/2023 12:24	20403 ASHF_T2	0	0	0	0	0	0	0.16	0.13	0	0	0	0	0	0
12/4/2023 12:25	62604 ENGL_T1	0	0	0	0	0	0	-0.32	-0.29	1	1	0	600	600	0
12/4/2023 12:29	64702 LITI_T2	0	0	0	0	0	0	-0.81	-0.88	0	0	0	0	0	0
12/4/2023 12:30	64702 LITI_T2	0	0	0	0	0	0	-0.81	-0.88	0	0	0	0	0	0
12/4/2023 12:32	67502 WEWI_T2	1	2	1	0.3	0.1	-0.2	-0.3	-0.29	0	0	0	0	0	0
12/4/2023 13:00	64204 KINZ_T1	1	1	0	1.3	1.2	-0.1	0	0	0	0	0	0	0	0
12/4/2023 13:02	64201 KINZ_T1	0	0	0	0	0	0	-0.65	-0.54	4	4	0	2100	2100	0
12/4/2023 13:06	67603 WARW_T1	0	1	1	0	0	0	0	0	0	0	0	0	0	0
12/4/2023 13:07	67602 WARW_T2	0	0	0	0	0	0	1.25	1.28	0	0	0	0	0	0
12/4/2023 13:08	62604 ENGL_T1	0	0	0	0	0	0	-0.2	-0.26	1	1	0	600	600	0
12/4/2023 13:08	67602 WARW_T2	0	0	0	0	0	0	1.25	1.28	0	0	0	0	0	0
12/4/2023 13:16	39601 LNFD_T1	1	1	0	0.2	0.1	-0.1	0	0	0	0	0	0	0	0
12/4/2023 13:18	65004 NEFF_T2	0	0	0	0	0	0	-0.51	-0.53	0	0	0	0	0	0
12/4/2023 13:31	47403 PENS_T1	1	1	0	1.3	1.4	0.1	0	0	0	0	0	0	0	0
12/4/2023 13:35	47402 PENS_T1	120	120	0	2.68	3.07	0.39	0	0	0	0	0	0	0	0
12/4/2023 13:47	64702 LITI_T2	0	0	0	0	0	0	-0.87	-0.77	0	0	0	0	0	0
12/4/2023 13:48	67204 TEHI_T2	0	0	0	0	0	0	-0.08	-0.03	0	0	0	0	0	0
12/4/2023 13:48	64702 LITI_T2	0	0	0	0	0	0	-0.87	-0.77	0	0	0	0	0	0
12/4/2023 13:49	67204 TEHI_T2	0	0	0	0	0	0	-0.08	-0.03	0	0	0	0	0	0
12/4/2023 13:49	64702 LITI_T2	0	0	0	0	0	0	-0.87	-0.77	0	0	0	0	0	0
12/4/2023 13:53	58003 WCAR_T1	1	1	0	0.8	0.6	-0.2	0	0	1	1	0	600	600	0
12/4/2023 13:54	67602 WARW_T2	0	0	0	0	0	0	1.24	1.26	0	0	0	0	0	0
12/4/2023 13:54	67605 WARW_T1	12	17	5	0.42	0.42	0	-1.2	-1.23	0	0	0	0	0	0
12/4/2023 13:57	54504 ENOL_T2	0	3	3	0	0	0	0	0	0	0	0	0	0	0
12/4/2023 13:59	54505 ENOL_T2	2	1	-1	0.95	1	0.05	0	0	0	0	0	0	0	0
12/4/2023 13:59	51004 NHAR_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/4/2023 14:06	16302 ALPA_T2	22	5	-17	0.84	0	-0.84	0.67	0.66	0	0	0	0	0	0
12/4/2023 14:07	44301 BEAV_T2	0	0	0	0	0	0	0.12	-0.23	2	2	0	1500	1500	0
12/4/2023 14:08	52401 GRPA_T2	1	1	0	0.8	0.8	0	-0.42	-0.43	0	0	0	0	0	0
12/4/2023 14:08	40505 CRES_T1	0	0	0	0	0	0	0.31	0.34	0	0	0	0	0	0
12/4/2023 14:09	40505 CRES_T1	0	0	0	0	0	0	0.62	0.68	0	0	0	0	0	0
12/4/2023 14:09	16302 ALPA_T2	22	5	-17	0.84	0	-0.84	1.34	1.32	0	0	0	0	0	0
12/4/2023 14:09	54501 ENOL_T2	2	2	0	0.1	0.1	0	0	0	0	0	0	0	0	0
12/4/2023 14:09	44301 BEAV_T2	0	0	0	0	0	0	0.12	-0.23	2	2	0	1500	1500	0
12/4/2023 14:10	52402 GRPA_T2	5	5	0	1.04	1.18	0.14	0	0	0	0	0	0	0	0
12/4/2023 14:10	52404 GRPA_T2	1	1	0	0.1	0.1	0	0	0	0	0	0	0	0	0
12/4/2023 14:10	44301 BEAV_T2	0	0	0	0	0	0	0.12	-0.23	2	2	0	1500	1500	0
12/4/2023 14:11	44301 BEAV_T2	0	0	0	0	0	0	-0.47	0.05	4	4	0	3000	3000	0
12/4/2023 14:11	52402 GRPA_T2	5	5	0	1.04	1.18	0.14	0	0	0	0	0	0	0	0
12/4/2023 14:11	16302 ALPA_T2	22	5	-17	0.84	0	-0.84	0.66	0.64	0	0	0	0	0	0
12/4/2023 14:12	52401 GRPA_T2	1	1	0	0.8	0.8	0	0	0	0	0	0	0	0	0
12/4/2023 14:13	40505 CRES_T1	0	0	0	0	0	0	0.68	0.66	0	0	0	0	0	0
12/4/2023 14:13	54501 ENOL_T2	2	2	0	0.1	0.1	0	-0.54	-0.54	1	1	0	600	600	0
12/4/2023 14:13	52403 GRPA_T2	0	0	0	0	0	0	0	0.07	0	0	0	0	0	0
12/4/2023 14:13	46801 HEPB_T2	0	0	0	0	0	0	0.64	0.68	0	0	0	0	0	0
12/4/2023 14:13	52403 GRPA_T2	0	0	0	0	0	0	0	0.07	0	0	0	0	0	0
12/4/2023 14:14	45003 LIME_2	1	1	0	2.3	2.7	0.4	0	0	1	1	0	1200	1200	0
12/4/2023 14:17	42001 MNVL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/4/2023 14:18	64301 LINC_T1	0	0	0	0	0	0	-0.01	-0.01	1	1	0	600	600	0
12/4/2023 14:19	54501 ENOL_T2	0	5	5	0	0.23	0.23	0	0	0	0	0	0	0	0
12/4/2023 14:20	62604 ENGL_T1	0	0	0	0	0	0	-0.23	-0.25	1	1	0	600	600	0
12/4/2023 14:21	67502 WEWI_T2	1	0	-1	8.4	0	-8.4	0	0	0	0	0	0	0	0
12/4/2023 14:22	59101 WALK_T2	1	1	0	0	0	0	2.5	1.87	0	1	1	0	600	600
12/4/2023 14:23	62604 ENGL_T1	0	0	0	0	0	0	-0.23	-0.25	1	1	0	600	600	0
12/4/2023 14:23	59101 WALK_T2	1	1	0	0	0	0	5	3.73	2	2	0	1200	1200	0
12/4/2023 14:24	52401 GRPA_T2	1	1	0	0.8	0.7	-0.1	0	0	0	0	0	0	0	0
12/4/2023 14:24	40505 CRES_T1	0	0	0	0	0	0	0.68	0.66	0	0	0	0	0	0
12/4/2023 14:24	59101 WALK_T2	1	1	0	0	0	0	2.5	1.87	1	1	0	600	600	0
12/4/2023 14:25	44301 BEAV_T2	0	0	0	0	0	0	-0.47	0.05	4	2	-2	3000	1200	-1800
12/4/2023 14:25	40505 CRES_T1	0	0	0	0	0	0	0.68	0.66	0	0	0	0	0	0
12/4/2023 14:26	52401 GRPA_T2	1	1	0	0.8	0.7	-0.1	0	0	0	0	0	0	0	0
12/4/2023 14:26	52401 GRPA_T2	1	1	0	0.8	0.7	-0.1	0	0	0	0	0	0	0	0
12/4/2023 14:27	26401 INOR_T1	0	0	0	0	0	0	0.86	0.96	0	0	0	0	0	0
12/4/2023 14:28	46501 LOHA_T1	0	0	0	0	0	0	-0.26	-0.28	1	1	0	1200	1200	0
12/4/2023 14:28	46801 HEPB_T2	0	0	0	0	0	0	0.68	0.59	0	0	0	0	0	0
12/4/2023 14:28	52401 GRPA_T2	1	1	0	0.8	0.7	-0.1	0	0	0	0	0	0	0	0
12/4/2023 14:28	45702 LIND_T2	1	1	0	1.2	1.8	0.6	-0.48	-0.48	0	0	0	0	0	0
12/4/2023 14:28	28403 HART_T2	0	0	0	0	0	0	-0.95	-1.01	1	1	0	900	900	0
12/4/2023 14:30	59301 MCAL_T1	2	2	0	0.65	0.9	0.25	-1.83	-1.83	1	1	0	600	600	0
12/4/2023 14:30	45003 LIME_2	1	1	0	2.7	3.5	0.8	0	0	1	1	0	1200	1200	0
12/4/2023 14:32	26401 INOR_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/4/2023 14:34	57401 SPAN_T1	2	2	0	0.45	0.3	-0.15	0	0	0	0	0	0	0	0
12/4/2023 14:34	56504 ROCK_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/4/2023 14:35	62604 ENGL_T1	0	0	0	0	0	0	-0.25	-0.24	1	1	0	600	600	0
12/4/2023 14:35	57403 SPAN_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/4/2023 14:36	43304 WATS_T2	1	1	0	0.2	0.2	0	-1.95	-1.96	0	0	0	0	0	0
12/4/2023 14:36	62604 ENGL_T1	0	0	0	0	0	0	-0.25	-0.24	1	1	0	600	600	0
12/4/2023 14:37	57403 SPAN_T1	3	10	7	0.1	0.23	0.13	0.12	0.11	0	0	0	0	0	0
12/4/2023 14:37	56501 ROCK_T2	1	2	1	0.1	0.1	0	0	0	0	0	0	0	0	0
12/4/2023 14:37	43304 WATS_T2	1	1	0	0.2	0.2	0	0	0	0	0	0	0	0	0
12/4/2023 14:37	67503 WEWI_T2	0	0	0	0	0	0	-0.3	-0.3	0	0	0	0	0	0
12/4/2023 14:38	56501 ROCK_T2	1	2	1	0.1	0.1	0	0	0	0	0	0	0	0	0
12/4/2023 14:38	43304 WATS_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/4/2023 14:38	57403 SPAN_T1	3	10	7	0.1	0.23	0.13	0	0	0	0	0	0	0	0
12/4/2023 14:38	66302 MCGD_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/4/2023 14:39	56504 ROCK_T2	0	0	0	0	0	0	-0.23	-0.23	0	0	0	0	0	0
12/4/2023 14:39	40505 CRES_T1	0	0	0	0	0	0	0.33	0.33	0	0	0	0	0	0
12/4/2023 14:39	60201 ATGL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/4/2023 14:39	57403 SPAN_T1	3	10	7	0.1	0.23	0.13	0	0	0	0	0	0	0	0
12/4/2023 14:39	43304 WATS_T2	1	1	0	0.2	0.2	0	-0.39	-0.39	0	0	0	0	0	0
12/4/2023 14:39	20403 ASHF_T2	0	0	0	0	0	0	0.1	0.11	0	0	0	0	0	0
12/4/2023 14:39	62604 ENGL_T1	0	0	0	0	0	0	-0.25	-0.24	1	1	0	600	600	0
12/4/2023 14:40	40505 CRES_T1	0	0	0	0	0	0	0.33	0.33	0	0	0	0	0	0
12/4/2023 14:40	43304 WATS_T2	1	1	0	0.2	0.2	0	-0.78	-0.78	0	0	0	0	0	0
12/4/2023 14:41	54505 ENOL_T2	2	2	0	1.05	1.1	0.05	0	0	0	0	0	0	0	0
12/4/2023 14:41	40505 CRES_T1	0	0	0	0	0	0	0.66	0.74	0	0	0	0	0	0
12/4/2023 14:41	56504 ROCK_T2	0	0	0	0	0	0	-0.23	-0.2	0	0	0	0	0	0
12/4/2023 14:42	52402 GRPA_T2	4	5	1	1.4	1.18	-0.22	0	0	0	0	0	0	0	0
12/4/2023 14:44	45702 LIND_T2	1	1	0	1.5	2.1	0.6	-0.48	-0.5	0	0	0	0	0	0
12/4/2023 14:45	42903 MIDD_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/4/2023 14:45	54505 ENOL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/4/2023 14:46	45003 LIME_2	1	1	0	2.8	3.7	0.9	0	0	1	1	0	1200	1200	0
12/4/2023 14:46	53903 HALI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/4/2023 14:47	42903 MIDD_T2	0	0	0	0	0	0	-0.01	0.5	1	1	0	1200	1200	0
12/4/2023 14:48	47001 HUGH_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/4/2023 14:49	52501 PROG_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/4/2023 14:49	42903 MIDD_T2	0	0	0	0	0	0	-0.01	0.5	1	1	0	1200	1200	0
12/4/2023 14:50	57403 SPAN_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/4/2023 14:50	13105 NHAM_T2	0	0	0	0	0	0	-0.34	-0.31	1	1	0	1200	1200	0
12/4/2023 14:51	65003 NEFF_T2	43	35	-8	0.13	0.14	0.01	0	0	0	0	0	0	0	0
12/4/2023 14:54	59101 WALK_T2	1	1	0	0	0	0	1.63	1.56	1	0	-1	600	0	-600
12/4/2023 14:54	52404 GRPA_T2	1	1	0	0.3	0.7	0.4	0	0	0	0	0	0	0	0
12/4/2023 14:56	52403 GRPA_T2	2	1	-1	2.2	0	-2.2	0	0	0	0	0	0	0	0
12/4/2023 14:57	46203 DANV_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/4/2023 14:57	52402 GRPA_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/4/2023 15:00	46801 HEPB_T2	0	1	1	0	0.1	0.1	0.6	0.6	0	0	0	0	0	0
12/4/2023 15:01	40902 JESH_T1	0	0	0	0	0	0	-0.64	-0.61	0	0	0	0	0	0
12/4/2023 15:06	40601 PIGR_T1	149	225	76	0.24	0.48	0.24	0	0	0	0	0	0	0	0
12/4/2023 15:07	42201 SHEN_T2	0	0	0	0	0	0	-0.06	-0.07	1	1	0	600	600	0
12/4/2023 15:07	56802 BENV_T2	210	339	129	0.26	0.27	0.01	-1.33	-1.29	0	0	0	0	0	0
12/4/2023 15:08	44301 BEAV_T2	0	0	0	0	0	0	0.25	0.34	1	1	0	600	600	0
12/4/2023 15:15	26401 INOR_T1	0	1	1	0	0.2	0.2	0.77	0.39	0	0	0	0	0	0
12/4/2023 15:15	28403 HART_T2	0	0	0	0	0	0	-1.03	-1.01	1	1	0	900	900	0
12/4/2023 15:16	47402 PENS_T1	120	120	0	3.34	2.91	-0.43	0	0	0	0	0	0	0	0
12/4/2023 15:16	40101 HUNT_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/4/2023 15:18	47403 PENS_T1	1	1	0	0.9	0.9	0	0	0	0	0	0	0	0	0
12/4/2023 15:20	47403 PENS_T1	1	1	0	0.9	0.9	0	0	0	0	0	0	0	0	0
12/4/2023 15:20	59101 WALK_T2	1	1	0	0	0	0	2.08	2.22	0	0	0	0	0	0
12/4/2023 15:26	46003 BERW_T2	0	1	1	0	0.1	0.1	0	0	0	0	0	0	0	0
12/4/2023 15:30	26401 INOR_T1	1	1	0	0.2	0.1	-0.1	0.39	0.35	0	0	0	0	0	0
12/4/2023 15:31	47402 PENS_T1	120	120	0	2.89	2.84	-0.05	0	0	0	0	0	0	0	0
12/4/2023 15:36	47401 PENS_T1	0	0	0	0	0	0	-0.8	-0.74	0	0	0	0	0	0
12/4/2023 15:43	64204 KINZ_T1	1	1	0	0.9	0.8	-0.1	0	0	0	0	0	0	0	0
12/4/2023 15:46	26401 INOR_T1	1	0	-1	0.1	0	-0.1	0.35	0.64	0	0	0	0	0	0
12/4/2023 15:49	48302 ORWI_T2	2	2	0	0.95	1	0.05	-0.57	-0.56	0	0	0	0	0	0
12/4/2023 15:49	40602 PIGR_T1	0	1	1	0	0	0	0	0	0	0	0	0	0	0
12/4/2023 15:51	67602 WARW_T2	0	0	0	0	0	0	0.44	0.48	0	0	0	0	0	0
12/4/2023 15:52	59101 WALK_T2	1	1	0	0	0	0	2.26	2.25	0	0	0	0	0	0
12/4/2023 15:53	40502 CRES_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/4/2023 15:54	67901 WNHO_T2	1	1	0	0.2	0.1	-0.1	-0.24	-0.36	1	1	0	900	900	0
12/4/2023 15:55	40502 CRES_T2	9	0	-9	0.16	0	-0.16	-0.96	-0.97	0	0	0	0	0	0
12/4/2023 15:56	10702 CATA_T2	1	1	0	0.3	0.1	-0.2	0	0	0	0	0	0	0	0
12/4/2023 15:57	40502 CRES_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/4/2023 16:05	40101 HUNT_T2	0	0	0	0	0	0	-0.65	-0.65	0	0	0	0	0	0
12/4/2023 16:09	52404 GRPA_T2	1	1	0	0.7	0.8	0.1	0	0	0	0	0	0	0	0
12/4/2023 16:16	63501 HEID_TBK3-2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/4/2023 16:21	49803 UNIV_T1	0	0	0	0	0	0	-1.12	-1.08	0	0	0	0	0	0
12/4/2023 16:28	11104 EGYP_T1	1	0	-1	0.2	0	-0.2	0.6	0.24	0	0	0	0	0	0
12/4/2023 16:40	40502 CRES_T2	0	0	0	0	0	0	-1.88	-1.8	0	0	0	0	0	0
12/4/2023 16:42	40502 CRES_T2	0	0	0	0	0	0	-0.9	-0.87	0	0	0	0	0	0
12/4/2023 16:43	47001 HUGH_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/4/2023 16:47	25402 LAHA_T2	0	0	0	0	0	0	-0.77	-0.76	0	0	0	0	0	0
12/4/2023 16:53	49803 UNIV_T1	0	0	0	0	0	0	-1.06	-1.01	0	0	0	0	0	0
12/4/2023 17:01	52401 GRPA_T2	0	4	4	0	0	0	0	0	0	0	0	0	0	0
12/4/2023 18:06	24902 WHHA_T1	0	2	2	0	0	0	0.64	0.66	0	0	0	0	0	0
12/4/2023 18:11	24902 WHHA_T1	0	2	2	0	0	0	0.66	0.64	0	0	0	0	0	0
12/4/2023 18:25	56802 BENV_T2	4	10	6	0.35	0.26	-0.09	-1.3	-1.33	0	0	0	0	0	0
12/4/2023 18:25	13904 SEID_T1	3	4	1	0.63	0	-0.63	0	0	0	0	0	0	0	0
12/4/2023 18:25	62607 ENGL_T1	0	0	0	0	0	0	-0.67	-0.69	0	0	0	0	0	0
12/4/2023 18:26	64702 LITI_T2	0	0	0	0	0	0	-0.65	-0.79	0	0	0	0	0	0
12/4/2023 18:27	64204 KINZ_T1	1	1	0	0.4	0.5	0.1	0	0	0	0	0	0	0	0
12/4/2023 18:27	16402 MOPO_T1	0	0	0	0	0	0	0.14	0.05	0	0	0	0	0	0
12/4/2023 18:27

Appendix C - Grid Benefits Achieved in Each Instance of Active Management

12/4/2023 18:35	29402 BELT_T1	1	1	0	7.7	8	0.3	0	0	0	0	0	0	0
12/4/2023 18:35	52404 GRPA_T2	0	1	1	0	0.1	0.1	0.05	0.04	0	0	0	0	0
12/4/2023 18:35	28403 HART_T2	0	0	0	0	0	0	-0.75	-0.81	1	1	0	900	900
12/4/2023 18:35	67602 WARW_T2	0	0	0	0	0	0	0.47	0.46	0	0	0	0	0
12/4/2023 18:35	65901 SAKR_T2	1	1	0	9	8.9	-0.1	-1.33	-1.36	1	1	0	900	900
12/4/2023 18:35	56802 BENV_T2	4	14	10	0.4	0.21	-0.19	-1.33	-1.32	0	0	0	0	0
12/4/2023 18:35	46206 DANV_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
12/4/2023 18:35	42601 TUSC_T1	8	8	0	0.18	0.28	0.1	-0.23	-0.3	2	2	0	1800	1800
12/4/2023 18:35	10801 CHHI_T1	0	0	0	0	0	0	-1.43	-1.42	2	2	0	1500	1500
12/4/2023 18:35	43202 MVIL_T2	1	2	1	0.2	0.4	0.2	-0.67	-0.68	0	0	0	0	0
12/4/2023 18:35	59101 WALK_T2	1	1	0	0	0	0	1.22	1.14	1	1	0	450	450
12/4/2023 18:36	53601 DALM_T2	2	0	-2	0.15	0	-0.15	-0.18	-0.14	0	0	0	0	0
12/4/2023 18:36	47401 PENS_T1	0	0	0	0	0	0	-0.27	-0.33	0	0	0	0	0
12/4/2023 18:36	46903 MNTG_T2	1	31	30	0.1	0.16	0.06	-0.31	-0.31	1	1	0	600	600
12/4/2023 18:36	55101 WERT_T1	0	0	0	0	0	0	-1.92	-1.82	2	2	0	1500	1500
12/4/2023 18:36	43304 WATS_T2	1	0	-1	0.1	0	-0.1	-0.4	-0.36	0	0	0	0	0
12/4/2023 18:36	55002 NEWP_T1	4	4	0	0.53	0.6	0.07	-0.22	-0.24	0	0	0	0	0
12/4/2023 18:36	67001 STHI_T2	96	247	151	0.11	0.13	0.02	0	0	0	0	0	0	0
12/4/2023 18:36	40505 CRES_T1	0	0	0	0	0	0	0.37	0.38	0	0	0	0	0
12/4/2023 18:36	64201 KINZ_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
12/4/2023 18:36	52404 GRPA_T2	0	1	1	0	0.1	0.1	0	0	0	0	0	0	0
12/4/2023 18:36	40601 PIGR_T1	14	59	45	0.13	0.21	0.08	0	0	0	0	0	0	0
12/4/2023 18:36	53501 EVIL_T2	0	3	3	0	0.43	0.43	-0.68	-0.67	1	1	0	600	600
12/4/2023 18:36	44901 SCOT_T2	0	0	0	0	0	0	-0.09	-0.1	0	0	0	0	0
12/4/2023 18:36	64101 REFR_T1	0	0	0	0	0	0	-0.01	-0.01	0	0	0	0	0
12/4/2023 18:36	67605 WARW_T1	0	0	0	0	0	0	-0.99	-0.99	0	0	0	0	0
12/4/2023 18:37	40602 PIGR_T1	2	2	0	1.45	0.5	-0.95	0	0	0	0	0	0	0
12/4/2023 18:37	44301 BEAV_T2	0	1	1	0	0	0	-0.16	-0.12	1	1	0	600	600
12/4/2023 18:37	43304 WATS_T2	1	0	-1	0.1	0	-0.1	-0.4	-0.36	0	0	0	0	0
12/4/2023 18:37	12701 MACU_T1	2	1	-1	0.45	0.1	-0.35	0.12	0.15	0	0	0	0	0
12/4/2023 18:37	60803 BUCK_T1	0	0	0	0	0	0	-0.82	-0.74	1	1	0	600	600
12/4/2023 18:37	16302 ALPA_T2	0	0	0	0	0	0	1.32	1.36	0	0	0	0	0
12/4/2023 18:37	40505 CRES_T1	0	0	0	0	0	0	0.37	0.38	0	0	0	0	0
12/4/2023 18:37	45902 AUBU_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
12/4/2023 18:37	43402 BENT_T1	0	0	0	0	0	0	-1.54	-1.5	2	2	0	1500	1500
12/4/2023 18:37	55002 NEWP_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
12/4/2023 18:37	48302 ORWI_T2	1	1	0	0.2	0.2	0	-1.16	-1.16	0	0	0	0	0
12/4/2023 18:37	44601 SALE_T2	0	0	0	0	0	0	0.07	0.05	0	0	0	0	0
12/4/2023 18:37	42701 AUGU_T1	0	0	0	0	0	0	0	0	2	2	0	1800	1800
12/4/2023 18:37	67502 WEWI_T2	0	0	0	0	0	0	-1.37	-1.37	1	1	0	900	900
12/4/2023 18:38	47403 PENS_T1	1	1	0	2.6	2.6	0	0	0	0	0	0	0	0
12/4/2023 18:38	40301 TAMA_T3	1	1	0	0	0	0	0	0	0	0	0	0	0
12/4/2023 18:38	52402 GRPA_T2	4	5	1	0.88	0.88	-0.12	0	0	0	0	0	0	0
12/4/2023 18:38	56802 BENV_T2	4	14	10	0.4	0.21	-0.19	-1.33	-1.32	0	0	0	0	0
12/4/2023 18:38	45501 DERR_T2	2	1	-1	0.65	0.8	0.15	0.63	0.66	2	2	0	1800	1800
12/4/2023 18:38	43202 MVIL_T2	1	2	1	0.2	0.4	0.2	0	0	0	0	0	0	0
12/4/2023 18:38	43302 WATS_T2	4	0	-4	0.15	0	-0.15	0	0	0	0	0	0	0
12/4/2023 18:38	67001 STHI_T2	96	247	151	0.11	0.13	0.02	0	0	0	0	0	0	0
12/4/2023 18:38	40101 HUNT_T2	206	183	-23	0.58	0.57	-0.01	-0.69	-0.68	0	0	0	0	0
12/4/2023 18:38	53501 EVIL_T2	0	3	3	0	0.43	0.43	-0.68	-0.67	1	1	0	600	600
12/4/2023 18:38	67503 WEWI_T2	0	0	0	0	0	0	-0.3	-0.43	0	0	0	0	0
12/4/2023 18:38	16302 ALPA_T2	0	0	0	0	0	0	0.66	0.68	0	0	0	0	0
12/4/2023 18:38	67001 STHI_T2	96	247	151	0.11	0.13	0.02	0	0	0	0	0	0	0
12/4/2023 18:39	52404 GRPA_T2	0	1	1	0	0.1	0.1	0.05	0.04	0	0	0	0	0
12/4/2023 18:39	12701 MACU_T1	2	1	-1	0.45	0.1	-0.35	0.12	0.15	0	0	0	0	0
12/4/2023 18:39	46203 DANV_T2	0	0	0	0	0	0	0.06	0.07	0	0	0	0	0
12/4/2023 18:39	67001 STHI_T2	96	247	151	0.11	0.13	0.02	0.11	0.12	0	0	0	0	0
12/4/2023 18:39	67002 STHI_T2	11	13	2	0.12	0.13	0.01	0.6	0.62	0	0	0	0	0
12/4/2023 18:39	57403 SPAN_T1	0	0	0	0	0	0	0.11	0.13	0	0	0	0	0
12/4/2023 18:39	52401 GRPA_T2	1	0	-1	0.1	0	-0.1	-0.34	-0.35	0	0	0	0	0
12/4/2023 18:39	10705 CATA_T2	0	0	0	0	0	0	-0.95	-0.95	1	1	0	900	900
12/4/2023 18:39	41801 GOCI_T2	1	2	1	1.2	1.6	0.4	0	0	0	0	0	0	0
12/4/2023 18:39	44601 SALE_T2	0	0	0	0	0	0	0.07	0.05	0	0	0	0	0
12/4/2023 18:39	54501 ENOL_T2	0	0	0	0	0	0	-0.53	-0.53	1	1	0	600	600
12/4/2023 18:39	64301 LINC_T1	0	0	0	0	0	0	-0.3	-0.29	1	1	0	600	600
12/4/2023 18:39	42201 SHEN_T2	0	0	0	0	0	0	-0.15	-0.14	1	1	0	600	600
12/4/2023 18:39	40502 CRES_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
12/4/2023 18:39	43304 WATS_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
12/4/2023 18:39	57403 SPAN_T1	0	0	0	0	0	0	0.11	0.13	0	0	0	0	0
12/4/2023 18:39	55002 NEWP_T1	4	4	0	0.53	0.6	0.07	-0.22	-0.24	0	0	0	0	0
12/4/2023 18:39	67502 WEWI_T2	0	0	0	0	0	0	-1.37	-1.37	1	1	0	900	900
12/4/2023 18:39	24902 WHHA_T1	0	0	0	0	0	0	0.64	0.66	0	0	0	0	0
12/4/2023 18:39	11104 EGYP_T1	0	0	0	0	0	0	0.28	0.26	0	0	0	0	0
12/4/2023 18:40	54505 ENOL_T2	0	1	1	0	0.1	0.1	0	0	0	0	0	0	0
12/4/2023 18:40	47401 PENS_T1	0	0	0	0	0	0	-0.54	-0.66	0	0	0	0	0
12/4/2023 18:40	67502 WEWI_T2	0	0	0	0	0	0	-1.37	-1.37	1	1	0	900	900
12/4/2023 18:40	54502 ENOL_T2	0	0	0	0	0	0	-1.94	-1.9	1	1	0	600	600
12/4/2023 18:40	14403 SSLA_T1	0	0	0	0	0	0	0.86	0.86	0	0	0	0	0
12/4/2023 18:40	43202 MVIL_T2	1	2	1	0.2	0.4	0.2	-0.67	-0.68	0	0	0	0	0
12/4/2023 18:40	28604 BLYT_T2	0	0	0	0	0	0	-1.27	-1.28	0	0	0	0	0
12/4/2023 18:40	53903 HALI_T2	2	2	0	0.4	0.4	0	-0.13	-0.14	0	0	0	0	0
12/4/2023 18:40	56802 BENV_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
12/4/2023 18:40	58402 MORO_T1	3	1	-2	0.3	0	-0.3	0.01	0.02	2	2	0	1500	1500
12/4/2023 18:40	54701 NEBL_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
12/4/2023 18:40	57401 SPAN_T1	0	0	0	0	0	0	-0.73	-0.74	1	1	0	600	600
12/4/2023 18:41	56504 ROCK_T2	0	0	0	0	0	0	-0.24	-0.46	0	0	0	0	0
12/4/2023 18:41	52403 GRPA_T2	2	4	2	0.5	0	-0.5	0.05	0	0	0	0	0	0
12/4/2023 18:41	43304 WATS_T2	1	0	-1	0.1	0	-0.1	-0.36	-0.39	0	0	0	0	0
12/4/2023 18:41	16302 ALPA_T2	0	0	0	0	0	0	0.68	0.73	0	0	0	0	0
12/4/2023 18:41	59301 MCAL_T1	2	2	0	0.75	0.4	-0.35	0	0	0	0	0	0	0
12/4/2023 18:41	58402 MORO_T1	3	1	-2	0.3	0	-0.3	0.02	-0.01	2	2	0	1500	1500
12/4/2023 18:41	56802 BENV_T2	4	14	10	0.4	0.21	-0.19	-3.95	-3.98	0	0	0	0	0
12/4/2023 18:41	54203 PENN_T1	18	18	0	0.78	0.87	0.09	0	0	0	0	0	0	0
12/4/2023 18:41	56504 ROCK_T2	0	0	0	0	0	0	-0.24	-0.46	0	0	0	0	0
12/4/2023 18:41	60803 BUCK_T1	0	0	0	0	0	0	-0.74	-0.73	1	1	0	600	600
12/4/2023 18:41	45902 AUBU_T1	0	0	0	0	0	0	-0.87	-0.86	1	1	0	600	600
12/4/2023 18:42	52402 GRPA_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
12/4/2023 18:42	55101 WERT_T1	0	0	0	0	0	0	-1.82	-1.83	2	2	0	1500	1500
12/4/2023 18:42	57403 SPAN_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
12/4/2023 18:42	43302 WATS_T2	4	0	-4	0.15	0	-0.15	0	0	0	0	0	0	0
12/4/2023 18:42	56802 BENV_T2	4	14	10	0.4	0.21	-0.19	-1.32	-1.33	0	0	0	0	0
12/4/2023 18:42	57403 SPAN_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
12/4/2023 18:42	44301 BEAV_T2	0	1	1	0	0	0	-0.24	-0.06	2	2	0	1200	1200
12/4/2023 18:42	40101 HUNT_T2	206	183	-23	0.58	0.57	-0.01	-0.68	-0.72	0	0	0	0	0
12/4/2023 18:42	46203 DANV_T2	0	0	0	0	0	0	0.07	0.06	0	0	0	0	0
12/4/2023 18:42	65001 NEFF_T2	0	0	0	0	0	0	-0.75	-0.9	1	1	0	1200	1200
12/4/2023 18:42	67502 WEWI_T2	0	0	0	0	0	0	-1.37	-1.39	1	1	0	900	900
12/4/2023 18:43	40601 PIGR_T1	14	59	45	0.13	0.21	0.08	0	0	0	0	0	0	0
12/4/2023 18:43	47402 PENS_T1	108	117	9	1.24	1.73	0.49	0	0	0	0	0	0	0
12/4/2023 18:43	46004 BERW_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
12/4/2023 18:43	64101 REFR_T1	0	0	0	0	0	0	-0.01	-0.02	0	0	0	0	0
12/4/2023 18:43	53501 EVIL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
12/4/2023 18:43	40502 CRES_T2	0	4	4	0	0.1	0.1	-0.79	-0.82	0	0	0	0	0
12/4/2023 18:43	42903 MIDD_T2	0	0	0	0	0	0	-1.11	-1.09	1	1	0	1200	1200
12/4/2023 18:43	67303 WYOM_T2	0	0	0	0	0	0	-0.22	-0.19	0	0	0	0	0
12/4/2023 18:43	42701 AUGU_T1	0	0	0	0	0	0	0	0	2	2	0	1800	1800
12/4/2023 18:43	46203 DANV_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
12/4/2023 18:43	56802 BENV_T2	4	14	10	0.4	0.21	-0.19	-2.63	-2.66	0	0	0	0	0
12/4/2023 18:44	44301 BEAV_T2	0	1	1	0	0	0	-0.24	-0.06	2	2	0	1200	1200
12/4/2023 18:44	67503 WEWI_T2	0	0	0	0	0	0	-0.21	-0.19	0	0	0	0	0
12/4/2023 18:44	42903 MIDD_T2	0	0	0	0	0	0	-1.11	-1.09	1	1	0	1200	1200
12/4/2023 18:44	56802 BENV_T2	4	14	10	0.4	0.21	-0.19	-2.63	-2.66	0	0	0	0	0
12/4/2023 18:44	64101 REFR_T1	0	0	0	0	0	0	-0.01	-0.02	0	0	0	0	0
12/4/2023 18:44	20403 ASHF_T2	0	1	1	0	0	0	0.45	0.46	0	0	0	0	0
12/4/2023 18:44	52402 GRPA_T2	1	4	3	1	0.88	-0.12	0	0	0	0	0	0	0
12/4/2023 18:44	42002 MNVL_T2	1	1	0	9	9	0	0	0	0	0	0	0	0
12/4/2023 18:44	52403 GRPA_T2	2	4	2	0.5	0	-0.5	0.05	0	0	0	0	0	0
12/4/2023 18:44	65902 SAKR_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
12/4/2023 18:44	67503 WEWI_T2	0	0	0	0	0	0	-0.21	-0.19	0	0	0	0	0
12/4/2023 18:44	40902 JESH_T1	0	0	0	0	0	0	-0.67	-0.66	0	0	0	0	0
12/4/2023 18:44	66901 SHIL_T2	17	20	3	0.11	0.12	0.01	-1.67	-1.68	1	1	0	1200	1200
12/4/2023 18:44	57401 SPAN_T1	0	0	0	0	0	0	-0.74	-0.73	1	1	0	600	600
12/4/2023 18:44	56801 BENV_T1	1	7	6	0.3	0.46	0.16	-0.68	-0.68	1	1	0	600	600
12/4/2023 18:45	42201 SHEN_T2	0	0	0	0	0	0	-0.14	-0.13	1	1	0	600	600
12/4/2023 18:45	57403 SPAN_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
12/4/2023 18:45	64802 MONE_T2	0	0	0	0	0	0	-0.04	-0.05	0	0	0	0	0
12/4/2023 18:45	56501 ROCK_T2	2	2	0	1.85	0.1	-1.75	0	0	0	0	0	0	0
12/4/2023 18:45	47401 PENS_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
12/4/2023 18:45	51604 DURE_T2	0	0	0	0	0	0	-1.64	-1.65	1	1	0	900	900
12/4/2023 18:45	54701 NEBL_T1	5	5	0	0.28	0.38	0.1	0	0	1	1	0	600	600
12/4/2023 18:45	44301 BEAV_T2	0	1	1	0	0	0	-0.12	-0.03	1	1	0	600	600
12/4/2023 18:45	60201 ATGL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
12/4/2023 18:46	56504 ROCK_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
12/4/2023 18:46	46501 LOHA_T1	0	0	0	0	0	0	-0.27	-0.24	1	1	0	1200	1200
12/4/2023 18:46	67203 TEHI_T1	0	0	0	0	0	0	1.84	1.97	1	1	0	600	600
12/4/2023 18:46	40502 CRES_T2	1	7	6	0.9	0.14	-0.76	-1.58	-1.64	0	0	0	0	0
12/4/2023 18:46	67001 STHI_T2	214	295	81	0.13	0.16	0.03	0	0	0	0	0	0	0
12/4/2023 18:46	56802 BENV_T2	10	14	4	0.23	0.26	0.03	-2.63	-2.66	0	0	0	0	0
12/4/2023 18:46	40101 HUNT_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
12/4/2023 18:46	53501 EVIL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
12/4/2023 18:46	64101 REFR_T1	0	0	0	0	0	0	-0.01	-0.02	0	0	0	0	0
12/4/2023 18:46	11804 FRAN_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
12/4/2023 18:47	40505 CRES_T1	0	0	0	0	0	0	0.38	0.42	0	0	0	0	0
12/4/2023 18:47	45802 HEGI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
12/4/2023 18:47	56802 BENV_T2	10	14	4	0.23	0.26	0.03	-1.32	-1.33	0	0	0	0	0
12/4/2023 18:47	52501 PROG_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
12/4/2023 18:47	66501 SMAN_T2	0	2	2	0	0.1	0.1	0	0	0	0	0	0	0
12/4/2023 18:47	46203 DANV_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
12/4/2023 18:47	45003 LIME_2	12	8	-4	0.49	0.74	0.25	0	0	1	1	0	1200	1200
12/4/2023 18:47	62604 ENGL_T1	0	0	0	0	0	0	-1.01	-0.97	2	2	0	1200	1200
12/4/2023 18:48	54505 ENOL_T2	1	1	0	0.1	0.2	0.1	0	0	0	0	0	0	0
12/4/2023 18:48	64802 MONE_T2	0	0	0	0	0	0	-0.04	-0.05	0	0	0	0	0
12/4/2023 18:48	46206 DANV_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
12/4/2023 18:48	13105 NHAM_T2	0	16	16	0	0	0	-0.23	-0.21	1	1	0	1200	1200
12/4/2023 18:48	43304 WATS_T2	0	0	0	0	0	0	-0.36	-0.39	0	0	0	0	0
12/4/2023 18:48	67001 STHI_T2	214	295	81	0.13	0.16	0.03	0	0	0	0	0	0	0
12/4/2023 18:48	60201 ATGL_T2	0	0	0	0	0	0	0.07	0.06	1	1	0	300	300
12/4/2023 18:48	49803 UNIV_T1	0	0	0	0	0	0	-1.11	-1.08	0	0	0	0	0
12/4/2023 18:48	58401 MORO_T1	1	0	-1	0.3	0	-0.3	0	0	0	0	0	0	0
12/4/2023 18:48	45802 HEGI_T2	0	0	0	0	0	0	0.86	0.83	0	0	0	0	0
12/4/2023 18:49	57403 SPAN_T1	0	0	0	0	0	0	0.13	0.11	0	0	0	0	0
12/4/2023 18:49	53501 EVIL_T2	1	3	2	0.1	0.47	0.37	-0.67	-0.76	1	1	0	600	600
12/4/2023 18:49	64101 REFR_T1	0	0	0	0	0	0	-0.01	-0.02	0	0	0	0	0
12/4/2023 18:49	45402 WILO_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
12/4/2023 18:49	55101 WERT_T1	0	0	0	0	0	0	-1.82	-1.83	2	2	0	1500	1500
12/4/2023 18:49	56501 ROCK_T2	2	2	0	1.85	0.1	-1.75	0	0	0	0	0	0	0
12/4/2023 18:49	43001 ALWD_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
12/4/2023 18:50	57403 SPAN_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
12/4/2023 18:50	56501 ROCK_T2	2	2	0	1.85	0.1	-1.75	-0.9	-0.84	0	0	0	0	0
12/4/2023 18:50	56801 BENV_T1	6	8	2	0.32	0.44	0.12	-0.68	-0.68	1	1	0	600	600
12/4/2023 18:51	61802 EELI_T2	0	1	1	0	0	0	0	0	0	0	0	0	0
12/4/2023 18:51	42903 MIDD_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
12/4/2023 18:51	62604 ENGL_T1	0	0	0	0	0	0	-0.51	-0.48	1	1	0	600	600
12/4/2023 18:51	43302 WATS_T2	0	4	4	0	0.35	0.35	0	0	0	0	0	0	0
12/4/2023 18:51	41903 REID_T1	0	1	1	0	0	0	0	0	0	0	0	0	0
12/4/2023 18:51	45702 LIND_T2	1	1	0	0.8	0.8	0	-0.51	-0.53	0	0	0	0	0
12/4/2023 18:51	46801 HEPB_T2	0	0	0	0	0	0	0.6	0.63	0	0	0	0	0
12/4/2023 18:52	40502 CRES_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
12/4/2023 18:53	56802 BENV_T2	0	0	0	0

Appendix C - Grid Benefits Achieved in Each Instance of Active Management

12/5/2023 4:25	65001 NEFF_T2	0	0	0	0	0	0	-1.14	-1.16	1	1	0	1200	1200	0
12/5/2023 4:34	55002 NEWP_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/5/2023 4:37	40301 TAMA_T3	1	1	0	0	0	0	0	0	0	0	0	0	0	0
12/5/2023 6:37	56504 ROCK_T2	0	0	0	0	0	0	-0.24	-0.21	0	0	0	0	0	0
12/5/2023 7:18	65001 NEFF_T2	0	0	0	0	0	0	-0.6	-0.5	1	1	0	1200	1200	0
12/5/2023 7:54	40502 CRES_T2	5	11	6	0.18	0.26	0.08	-0.68	-0.72	0	0	0	0	0	0
12/5/2023 7:57	45501 DERR_T2	0	1	1	0	1.2	1.2	1.07	0.98	2	2	0	1800	1800	0
12/5/2023 8:11	45501 DERR_T2	1	1	0	1.4	0	-1.4	0.98	1.1	2	2	0	1800	1800	0
12/5/2023 8:16	58402 MORO_T1	0	0	0	0	0	0	-1.01	-0.98	3	3	0	2400	2400	0
12/5/2023 8:18	40101 HUNT_T2	161	78	-83	0.46	0.41	-0.05	-0.39	-0.42	0	0	0	0	0	0
12/5/2023 8:20	58402 MORO_T1	0	0	0	0	0	0	-1.01	-0.98	3	3	0	2400	2400	0
12/5/2023 8:34	55002 NEWP_T1	6	6	0	0.55	0.68	0.13	-0.22	-0.23	0	0	0	0	0	0
12/5/2023 8:37	43402 BENT_T1	0	0	0	0	0	0	-1.47	-1.44	2	2	0	1500	1500	0
12/5/2023 8:38	43402 BENT_T1	0	0	0	0	0	0	-1.47	-1.44	2	2	0	1500	1500	0
12/5/2023 8:41	53601 DALM_T2	1	1	0	0.5	0.3	-0.2	-0.19	-0.03	0	0	0	0	0	0
12/5/2023 8:54	40502 CRES_T2	0	0	0	0	0	0	-0.78	-0.81	0	0	0	0	0	0
12/5/2023 9:00	46004 BERW_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/5/2023 9:00	64802 MONE_T2	0	17	17	0	0.18	0.18	0.17	0.2	0	0	0	0	0	0
12/5/2023 9:00	25402 LAHA_T2	0	0	0	0	0	0	-0.79	-0.78	0	0	0	0	0	0
12/5/2023 9:00	52503 PROG_T2	0	0	0	0	0	0	-0.61	-0.6	1	1	0	900	900	0
12/5/2023 9:00	52402 GRPA_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/5/2023 9:00	67503 WEWI_T2	0	0	0	0	0	0	-0.11	-0.12	0	0	0	0	0	0
12/5/2023 9:00	64101 REFR_T1	0	0	0	0	0	0	-0.06	-0.02	0	0	0	0	0	0
12/5/2023 9:00	67002 STHI_T2	2	11	9	0.1	0.1	0	0.69	0.7	0	0	0	0	0	0
12/5/2023 9:00	46206 DANV_T2	1	1	0	0.1	0.1	0	0	0	0	0	0	0	0	0
12/5/2023 9:00	53903 HALI_T2	2	2	0	0.5	0.6	0.1	-0.24	-0.23	0	0	0	0	0	0
12/5/2023 9:01	39601 LNFD_T1	0	4	4	0	0.1	0.1	0	0	1	0	-1	900	0	-900
12/5/2023 9:02	54701 NEBL_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/5/2023 9:07	47101 MARL_T1	0	0	0	0	0	0	-0.57	-0.61	0	0	0	0	0	0
12/5/2023 9:09	54502 ENOL_T2	1	1	0	0.1	0.1	0	-2.02	-2.03	1	1	0	600	600	0
12/5/2023 9:11	45502 DERR_T2	6	5	-1	0.9	0.8	-0.1	0	0	0	0	0	0	0	0
12/5/2023 9:12	54505 ENOL_T2	1	5	4	0.6	0.6	0	0	0	0	0	0	0	0	0
12/5/2023 9:18	55002 NEWP_T1	6	6	0	0.6	0.72	0.12	-0.21	-0.22	0	0	0	0	0	0
12/5/2023 9:23	53601 DALM_T2	1	1	0	0.8	0.7	-0.1	-0.25	-0.25	0	0	0	0	0	0
12/5/2023 9:24	43402 BENT_T1	0	0	0	0	0	0	-1.49	-1.5	2	2	0	1500	1500	0
12/5/2023 9:24	29402 BELT_T1	1	1	0	7.5	7.2	-0.3	0	0	0	0	0	0	0	0
12/5/2023 9:25	43402 BENT_T1	0	0	0	0	0	0	-1.49	-1.5	2	2	0	1500	1500	0
12/5/2023 9:26	41801 GOCI_T2	1	1	0	1	0.3	-0.7	0	0	0	0	0	0	0	0
12/5/2023 9:29	43402 BENT_T1	0	0	0	0	0	0	-1.5	-1.5	2	2	0	1500	1500	0
12/5/2023 9:29	41801 GOCI_T2	1	1	0	1	0.3	-0.7	0	0	0	0	0	0	0	0
12/5/2023 9:35	13901 SEID_T1	0	0	0	0	0	0	0.26	0.26	0	0	0	0	0	0
12/5/2023 9:36	56501 ROCK_T2	2	2	0	1.95	0	-1.95	-0.84	-0.84	0	0	0	0	0	0
12/5/2023 9:41	44301 BEAV_T2	1	1	0	0.4	0	-0.4	0.91	0.39	2	2	0	1500	1500	0
12/5/2023 9:45	26401 INOR_T1	1	1	0	0.2	0.2	0	0.53	0.63	0	0	0	0	0	0
12/5/2023 9:47	40601 PIGR_T1	69	58	-11	0.18	0.16	-0.02	0	0	0	0	0	0	0	0
12/5/2023 9:47	41901 REED_T1	9	11	2	0.31	0.59	0.28	0	0	0	0	0	0	0	0
12/5/2023 9:49	64101 REFR_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/5/2023 9:49	66503 SMAN_T2	0	24	24	0	0.14	0.14	0	0	0	0	0	0	0	0
12/5/2023 9:50	41901 REED_T1	9	11	2	0.31	0.59	0.28	0	0	0	0	0	0	0	0
12/5/2023 9:50	64101 REFR_T1	0	0	0	0	0	0	-0.02	-0.01	0	0	0	0	0	0
12/5/2023 9:51	64101 REFR_T1	0	0	0	0	0	0	-0.02	-0.01	0	0	0	0	0	0
12/5/2023 9:52	64101 REFR_T1	0	0	0	0	0	0	-0.05	-0.01	0	0	0	0	0	0
12/5/2023 9:53	56802 BENV_T2	1	64	63	0.8	0.18	-0.62	-1.28	-1.31	0	0	0	0	0	0
12/5/2023 9:53	64101 REFR_T1	0	0	0	0	0	0	-0.05	-0.01	0	0	0	0	0	0
12/5/2023 9:54	56802 BENV_T2	1	64	63	0.8	0.18	-0.62	-1.28	-1.31	0	0	0	0	0	0
12/5/2023 9:55	43001 ALWD_T1	0	4	4	0	0.1	0.1	0	0	0	0	0	0	0	0
12/5/2023 9:55	10801 CHHI_T1	0	0	0	0	0	0	-1.22	-1.28	2	2	0	1500	1500	0
12/5/2023 9:56	56802 BENV_T2	1	64	63	0.8	0.18	-0.62	-1.31	-1.34	0	0	0	0	0	0
12/5/2023 9:57	63501 HEID_TBK1-2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/5/2023 9:58	47001 HUGH_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/5/2023 10:00	55002 NEWP_T1	6	6	0	0.67	0.95	0.28	-0.2	-0.2	0	0	0	0	0	0
12/5/2023 10:00	52401 GRPA_T2	1	1	0	0.3	0.4	0.1	0	0	0	0	0	0	0	0
12/5/2023 10:00	58402 MORO_T1	0	0	0	0	0	0	-0.94	-0.93	3	3	0	2400	2400	0
12/5/2023 10:01	45001 LIME_2	0	1	1	0	0	0	0	0	0	0	0	0	0	0
12/5/2023 10:01	55002 NEWP_T1	6	6	0	0.67	0.95	0.28	-0.2	-0.2	0	0	0	0	0	0
12/5/2023 10:02	55002 NEWP_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/5/2023 10:03	64101 REFR_T1	0	0	0	0	0	0	-0.01	-0.02	0	0	0	0	0	0
12/5/2023 10:03	55001 NEWP_T1	1	1	0	0.2	0.1	-0.1	0	0	0	0	0	0	0	0
12/5/2023 10:03	40602 PIGR_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/5/2023 10:04	40602 PIGR_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/5/2023 10:04	47001 HUGH_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/5/2023 10:04	64101 REFR_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/5/2023 10:04	57401 SPAN_T1	2	2	0	0.15	0.55	0.4	-1.03	-1.03	1	1	0	600	600	0
12/5/2023 10:05	64101 REFR_T1	0	0	0	0	0	0	-0.01	-0.02	0	0	0	0	0	0
12/5/2023 10:05	57401 SPAN_T1	2	2	0	0.15	0.55	0.4	-1.03	-1.03	1	1	0	600	600	0
12/5/2023 10:06	57401 SPAN_T1	2	2	0	0.15	0.55	0.4	-1.03	-1.03	1	1	0	600	600	0
12/5/2023 10:06	55002 NEWP_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/5/2023 10:06	64101 REFR_T1	0	0	0	0	0	0	-0.01	-0.03	0	0	0	0	0	0
12/5/2023 10:06	67602 WARW_T2	0	0	0	0	0	0	0.49	0.49	0	0	0	0	0	0
12/5/2023 10:06	13901 SEID_T1	0	0	0	0	0	0	0.24	0.24	0	0	0	0	0	0
12/5/2023 10:07	64101 REFR_T1	0	0	0	0	0	0	-0.01	-0.02	0	0	0	0	0	0
12/5/2023 10:07	67602 WARW_T2	0	0	0	0	0	0	0.49	0.49	0	0	0	0	0	0
12/5/2023 10:07	14403 SSLA_T1	0	0	0	0	0	0	1.08	1.01	0	0	0	0	0	0
12/5/2023 10:07	42701 AUGU_T1	1	0	-1	0.1	0	-0.1	0	0	2	2	0	1800	1800	0
12/5/2023 10:08	57401 SPAN_T1	2	2	0	0.15	0.55	0.4	-1.03	-1.03	1	1	0	600	600	0
12/5/2023 10:08	64101 REFR_T1	0	0	0	0	0	0	-0.01	-0.02	0	0	0	0	0	0
12/5/2023 10:09	29402 BELT_T1	1	2	1	6.8	6.9	0.1	0	0	0	0	0	0	0	0
12/5/2023 10:10	62604 ENGL_T1	0	0	0	0	0	0	-0.36	-0.4	1	1	0	600	600	0
12/5/2023 10:11	52402 GRPA_T2	4	5	1	1.03	0.92	-0.11	0	0	0	0	0	0	0	0
12/5/2023 10:11	53501 EVIL_T2	3	3	0	0.53	0.27	-0.26	-0.91	-0.9	2	2	0	1200	1200	0
12/5/2023 10:11	62604 ENGL_T1	0	0	0	0	0	0	-0.4	-0.42	1	1	0	600	600	0
12/5/2023 10:11	42701 AUGU_T1	1	0	-1	0.1	0	-0.1	0	0	2	2	0	1800	1800	0
12/5/2023 10:12	62604 ENGL_T1	0	0	0	0	0	0	-0.4	-0.42	1	1	0	600	600	0
12/5/2023 10:13	53501 EVIL_T2	3	3	0	0.53	0.27	-0.26	-0.91	-0.9	2	2	0	1200	1200	0
12/5/2023 10:13	45502 DERR_T2	1	5	4	1.6	0.7	-0.9	0	0	0	0	0	0	0	0
12/5/2023 10:14	62604 ENGL_T1	0	0	0	0	0	0	-0.4	-0.42	1	1	0	600	600	0
12/5/2023 10:14	53501 EVIL_T2	3	3	0	0.53	0.27	-0.26	-0.91	-0.9	2	2	0	1200	1200	0
12/5/2023 10:15	53501 EVIL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/5/2023 10:15	17803 GILB_T2	85	37	-48	0.27	0.16	-0.11	0	0	0	0	0	0	0	0
12/5/2023 10:15	27101 GFLD_T2	1	1	0	1.2	2.1	0.9	0.22	0.23	0	0	0	0	0	0
12/5/2023 10:16	12701 MACU_T1	0	0	0	0	0	0	0.12	0.1	0	0	0	0	0	0
12/5/2023 10:16	55002 NEWP_T1	6	6	0	0.9	0.93	0.03	-0.2	-0.2	0	0	0	0	0	0
12/5/2023 10:16	45501 DERR_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/5/2023 10:16	65001 NEFF_T2	0	0	0	0	0	0	-0.3	-0.56	1	1	0	1200	1200	0
12/5/2023 10:17	12701 MACU_T1	0	0	0	0	0	0	0.12	0.1	0	0	0	0	0	0
12/5/2023 10:17	62604 ENGL_T1	0	0	0	0	0	0	-0.4	-0.42	1	1	0	600	600	0
12/5/2023 10:18	40602 PIGR_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/5/2023 10:18	43201 MVIL_T2	0	0	0	0	0	0	-1.18	-1.13	0	0	0	0	0	0
12/5/2023 10:18	64802 MONE_T2	1	32	31	0.1	0.23	0.13	0.18	0.17	0	0	0	0	0	0
12/5/2023 10:19	66902 SHIL_T2	21	32	11	0.11	0.11	0	0	0	0	0	0	0	0	0
12/5/2023 10:20	14403 SSLA_T1	0	0	0	0	0	0	1.01	1	0	0	0	0	0	0
12/5/2023 10:21	57401 SPAN_T1	2	2	0	0.45	0.65	0.2	-1.03	-0.99	1	1	0	600	600	0
12/5/2023 10:22	57403 SPAN_T1	19	19	0	0.39	0.33	-0.06	0	0	0	0	0	0	0	0
12/5/2023 10:23	14403 SSLA_T1	0	0	0	0	0	0	1.01	1	0	0	0	0	0	0
12/5/2023 10:23	40505 CRES_T1	0	0	0	0	0	0	0.8	0.74	0	0	0	0	0	0
12/5/2023 10:24	53601 DALM_T2	1	1	0	0.1	0.6	0.5	0	-0.56	1	1	0	900	900	0
12/5/2023 10:24	56501 ROCK_T2	1	1	0	0.1	0.2	0.1	-0.87	-0.85	0	0	0	0	0	0
12/5/2023 10:24	40505 CRES_T1	0	0	0	0	0	0	0.4	0.37	0	0	0	0	0	0
12/5/2023 10:26	40505 CRES_T1	0	0	0	0	0	0	0.37	0.35	0	0	0	0	0	0
12/5/2023 10:26	40101 HUNT_T2	16	34	18	0.26	0.21	-0.05	-0.55	-0.6	1	1	0	300	300	0
12/5/2023 10:27	40101 HUNT_T2	16	34	18	0.26	0.21	-0.05	-0.55	-0.6	1	1	0	300	300	0
12/5/2023 10:27	40505 CRES_T1	0	0	0	0	0	0	0.37	0.35	0	0	0	0	0	0
12/5/2023 10:27	53601 DALM_T2	1	1	0	0.1	0.6	0.5	-0.56	-0.55	1	1	0	900	900	0
12/5/2023 10:28	40101 HUNT_T2	16	34	18	0.26	0.21	-0.05	-0.55	-0.6	1	1	0	300	300	0
12/5/2023 10:28	53903 HALI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/5/2023 10:29	52402 GRPA_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/5/2023 10:30	16402 MOPO_T1	0	0	0	0	0	0	0.17	0.17	0	0	0	0	0	0
12/5/2023 10:30	17802 GILB_T1	0	0	0	0	0	0	0.21	0.22	0	0	0	0	0	0
12/5/2023 10:30	26401 INOR_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/5/2023 10:30	53901 HALI_T2	2	0	-2	0.1	0	-0.1	0	0	0	0	0	0	0	0
12/5/2023 10:31	12701 MACU_T1	0	0	0	0	0	0	0.1	0.11	0	0	0	0	0	0
12/5/2023 10:31	40101 HUNT_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/5/2023 10:32	55001 NEWP_T1	1	0	-1	0.1	0	-0.1	0	0	0	0	0	0	0	0
12/5/2023 10:33	12701 MACU_T1	0	0	0	0	0	0	0.1	0.11	0	0	0	0	0	0
12/5/2023 10:33	52402 GRPA_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/5/2023 10:34	12206 FOGE_T2	0	1	1	0	0	0	0	0	0	0	0	0	0	0
12/5/2023 10:34	67002 STHI_T2	32	40	8	0.15	0.14	-0.01	0.68	0.69	0	0	0	0	0	0
12/5/2023 10:34	65901 SAKR_T2	1	1	0	8.6	8.7	0.1	-0.93	-1.19	1	1	0	900	900	0
12/5/2023 10:35	67002 STHI_T2	32	40	8	0.15	0.14	-0.01	0.68	0.69	0	0	0	0	0	0
12/5/2023 10:36	43304 WATS_T2	0	0	0	0	0	0	-0.21	-0.2	0	0	0	0	0	0
12/5/2023 10:37	16302 ALPA_T2	0	0	0	0	0	0	1.64	1.68	0	0	0	0	0	0
12/5/2023 10:37	56802 BENV_T2	37	20	-17	0.18	0.18	0	-1.24	-1.32	0	0	0	0	0	0
12/5/2023 10:38	49803 UNIV_T1	0	0	0	0	0	0	-0.98	-1.06	0	0	0	0	0	0
12/5/2023 10:38	43302 WATS_T2	0	1	1	0	0	0	0	0	0	0	0	0	0	0
12/5/2023 10:38	56802 BENV_T2	37	20	-17	0.18	0.18	0	-1.24	-1.32	0	0	0	0	0	0
12/5/2023 10:38	43301 WATS_T2	0	0	0	0	0	0	0.63	0.58	1	1	0	900	900	0
12/5/2023 10:39	67201 TEHI_T1	0	0	0	0	0	0	0.47	0.51	2	2	0	1500	1500	0
12/5/2023 10:39	67602 WARW_T2	0	0	0	0	0	0	0.58	0.53	0	0	0	0	0	0
12/5/2023 10:39	56802 BENV_T2	37	20	-17	0.18	0.18	0	-2.48	-2.64	0	0	0	0	0	0
12/5/2023 10:39	49803 UNIV_T1	0	0	0	0	0	0	-0.98	-1.06	0	0	0	0	0	0
12/5/2023 10:39	56801 BENV_T1	24	26	2	0.86	0.6	-0.26	-0.69	-0.69	1	1	0	600	600	0
12/5/2023 10:40	16302 ALPA_T2	0	0	0	0	0	0	0.82	0.84	0	0	0	0	0	0
12/5/2023 10:40	67503 WEWI_T2	0	0	0	0	0	0	-0.13	-0.15	0	0	0	0	0	0
12/5/2023 10:41	17803 GILB_T2	36	49	13	0.15	0.17	0.02	0	0	0	0	0	0	0	0
12/5/2023 10:41	52404 GRPA_T2	0	0	0	0	0	0	0.81	0.71	0	0	0	0	0	0
12/5/2023 10:41	56801 BENV_T1	24	26	2	0.86	0.6	-0.26	-0.69	-0.67	1	1	0	600	600	0
12/5/2023 10:41	51604 DUKE_T2	6	12	6	0.13	0.17	0.04	-1.67	-1.68	1	1	0	900	900	0
12/5/2023 10:41	16302 ALPA_T2	0	0	0	0	0	0	0.84	0.73	0	0	0	0	0	0
12/5/2023 10:42	52403 GRPA_T2	0	1	1	0	0	0	0	0	0	0	0	0	0	0
12/5/2023 10:43	40101 HUNT_T2	32	31	-1	0.29	0.25	-0.04	-0.6	-0.27	1	1	0	300	300	0
12/5/2023 10:43	54505 ENOL_T2	5	2	-3	0.78	0.8	0.02	0	0	0	0	0	0	0	0
12/5/2023 10:43	17805 GILB_T2	0	0	0	0	0	0	0.15	0.11	0	0	0	0	0	0
12/5/2023 10:43	26401 INOR_T1	1	3	2	0.1	0.17	0.07	0.55	0.61	0	0	0	0	0	0
12/5/2023 10:44	67203 TEHI_T1	0	0	0	0	0	0	2.06	1.95	3	3	0	2100	2100	0
12/5/2023 10:47	64101 REFR_T1	0	1	1	0	0	0	-0.04	-0.05	0	0	0	0	0	0
12/5/2023 10:48	55002 NEWP_T1	5	5	0	0.72	0.76	0.04	-0.21	-0.22	0	0	0	0	0	0
12/5/2023 10:48	56802 BENV_T2	3	66	63	0.53	0.19	-0.34	-2.64	-2.5	0	0	0	0	0	0
12/5/2023 10:49	56802 BENV_T2	3	66	63	0.53	0.19	-0.34	-2.64	-2.5	0	0	0	0	0	0
12/5/2023 10:50	14401 SSLA_T1	1	0	-1	0.6	0	-0.6	0	0	0	0	0	0	0	0
12/5/2023 10:50	45402 WBLO_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/5/2023 10:50	56802 BENV_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/5/2023 10:50	40602 PIGR_T1	0	1	1	0	0	0	0	0	0	0	0	0	0	0
12/5/2023 10:51	67503 WEWI_T2	0	0	0	0	0	0	-0.15	-0.24	0	0	0	0	0	0
12/5/2023 10:51	56802 BENV_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/5/2023 10:51	64101 REFR_T1	0	1	1	0	0	0	-0.04	-0.05	0	0	0	0	0	0
12/5/2023 10:52	44301 BEAV_T2	0	1	1	0	0	0	0.96	0.66	4	4	0	3000	3000	0
12/5/2023 10:52	64101 REFR_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/5/2023 10:53	10805 CHHI_T2	13	13	0	2.58	3	0.42	-0.62	-0.58	1	1	0	600	600	0
12/5/2023 10:54	64101 REFR_T1	0	1	1	0	0	0	-0.04	-0.05	0	0	0	0	0	0
12/5/2023 10:54

12/5/2023 11:21	56802 BENV_T2	66	151	85	0.19	0.26	0.07	-1.27	-1.25	0	0	0	0	0	0
12/5/2023 11:22	44601 SALE_T2	0	0	0	0	0	0	0.84	0.69	1	2	1	600	900	300
12/5/2023 11:22	56802 BENV_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/5/2023 11:25	62604 ENGL_T1	0	4	0	0	0	0	-0.37	-0.34	1	1	0	600	600	0
12/5/2023 11:25	60803 BUCK_T1	0	2	2	0	0.1	0.1	-0.77	-0.83	1	1	0	600	600	0
12/5/2023 11:26	60803 BUCK_T1	0	2	2	0	0.1	0.1	-0.83	-0.9	1	1	0	600	600	0
12/5/2023 11:32	67002 STHI_T2	160	23	-137	0.18	0.13	-0.05	1.38	1.3	0	0	0	0	0	0
12/5/2023 11:34	14403 SSLA_T1	0	0	0	0	0	0	1.01	0.87	0	0	0	0	0	0
12/5/2023 11:34	26401 INOR_T1	1	2	1	0.1	0.3	0.2	0.59	0.59	0	0	0	0	0	0
12/5/2023 11:35	65003 NEFF_T2	0	5	5	0	0.12	0.12	0	0	0	0	0	0	0	0
12/5/2023 11:35	67602 WARW_T2	0	0	0	0	0	0	0.51	0.48	0	0	0	0	0	0
12/5/2023 11:36	13901 SEID_T1	0	0	0	0	0	0	0.24	0.22	0	0	0	0	0	0
12/5/2023 11:36	56501 ROCK_T2	0	1	1	0	0	0	-0.81	-0.83	0	0	0	0	0	0
12/5/2023 11:37	59101 WALK_T2	1	2	1	0	0	0	2.13	2.36	0	0	0	0	0	0
12/5/2023 11:37	66701 STRA_T1	0	1	1	0	0.6	0.6	0	0	0	0	0	0	0	0
12/5/2023 11:37	12206 FOGE_T2	1	0	-1	2.5	0	-2.5	0	0	0	0	0	0	0	0
12/5/2023 11:37	67602 WARW_T2	0	0	0	0	0	0	0.51	0.48	0	0	0	0	0	0
12/5/2023 11:38	59101 WALK_T2	1	2	1	0	0	0	2.13	2.36	0	0	0	0	0	0
12/5/2023 11:39	20403 ASHF_T2	0	0	0	0	0	0	0.2	0.22	0	0	0	0	0	0
12/5/2023 11:39	10801 CHHI_T1	0	0	0	0	0	0	-1.27	-1.26	2	2	0	1500	1500	0
12/5/2023 11:40	10805 CHHI_T2	7	7	0	1.97	1.86	-0.11	-1.3	-0.9	1	1	0	600	600	0
12/5/2023 11:41	54505 ENOL_T2	2	4	2	0.6	0.8	0.2	0	0	0	0	0	0	0	0
12/5/2023 11:41	60201 ATGL_T2	0	0	0	0	0	0	0.58	0.49	0	0	0	0	0	0
12/5/2023 11:41	20403 ASHF_T2	0	0	0	0	0	0	0.22	0.91	0	0	0	0	0	0
12/5/2023 11:42	53903 HALI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/5/2023 11:42	65001 NEFF_T2	0	0	0	0	0	0	-0.39	-0.46	1	1	0	1200	1200	0
12/5/2023 11:42	54505 ENOL_T2	2	4	2	0.6	0.8	0.2	0	0	0	0	0	0	0	0
12/5/2023 11:43	26401 INOR_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/5/2023 11:45	53903 HALI_T2	2	2	0	0.8	0.9	0.1	-0.22	-0.24	0	0	0	0	0	0
12/5/2023 11:45	45001 LIME_2	0	15	15	0	0.17	0.17	0	0	0	0	0	0	0	0
12/5/2023 11:45	59301 MCAL_T1	2	2	0	0.35	1	0.65	0	0	0	0	0	0	0	0
12/5/2023 11:45	40101 HUNT_T2	12	10	-2	0.22	0.3	0.08	-0.42	-0.28	0	0	0	0	0	0
12/5/2023 11:46	40101 HUNT_T2	12	10	-2	0.22	0.3	0.08	-1.25	-0.84	0	0	0	0	0	0
12/5/2023 11:49	14403 SSLA_T1	0	0	0	0	0	0	0.87	0.99	0	0	0	0	0	0
12/5/2023 11:52	56501 ROCK_T2	0	1	1	0	0.3	0.3	-0.83	-0.85	0	0	0	0	0	0
12/5/2023 11:53	13901 SEID_T1	0	0	0	0	0	0	0.22	0.26	0	0	0	0	0	0
12/5/2023 11:55	28604 BLYT_T2	0	1	1	0	0	0	-1.32	-1.34	0	0	0	0	0	0
12/5/2023 11:55	67502 WEWI_T2	6	0	-6	0.27	0	-0.27	0	0	0	0	0	0	0	0
12/5/2023 11:56	52401 GRPA_T2	1	1	0	0.5	0.6	0.1	-0.55	-0.55	0	0	0	0	0	0
12/5/2023 11:56	52402 GRPA_T2	5	6	1	1.5	1.2	-0.3	0	0	0	0	0	0	0	0
12/5/2023 11:57	15001 BLMO_T1	3	4	1	0.13	0.18	0.05	0	0	0	0	0	0	0	0
12/5/2023 11:59	52402 GRPA_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/5/2023 11:59	63501 HEID_TBK1-2	0	1	1	0	0.6	0.6	0.08	-0.02	1	1	0	900	900	0
12/5/2023 11:59	26401 INOR_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/5/2023 12:00	52401 GRPA_T2	1	0	-1	0.6	0	-0.6	0	0	0	0	0	0	0	0
12/5/2023 12:00	52404 GRPA_T2	1	0	-1	0.6	0	-0.6	0.7	0.66	0	0	0	0	0	0
12/5/2023 12:01	52402 GRPA_T2	6	5	-1	1.2	1.26	0.06	0	0	0	0	0	0	0	0
12/5/2023 12:01	63501 HEID_TBK1-2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/5/2023 12:01	45002 LIME_2	0	1	1	0	0	0	0	0	0	0	0	0	0	0
12/5/2023 12:01	52403 GRPA_T2	0	1	1	0	0	0	0.04	-0.08	0	0	0	0	0	0
12/5/2023 12:05	14403 SSLA_T1	0	0	0	0	0	0	0.99	0.84	0	0	0	0	0	0
12/5/2023 12:05	67204 TEHI_T2	0	0	0	0	0	0	0	-0.09	0	0	0	0	0	0
12/5/2023 12:07	16101 BING_T2	0	1	1	0	0	0	-0.29	0.45	0	0	0	0	0	0
12/5/2023 12:07	15001 BLMO_T1	2	4	2	0.2	0.18	-0.02	0	0	0	0	0	0	0	0
12/5/2023 12:08	14404 SSLA_T1	1	0	-1	0.2	0	-0.2	0	0	0	0	0	0	0	0
12/5/2023 12:09	67204 TEHI_T2	0	0	0	0	0	0	0	-0.09	0	0	0	0	0	0
12/5/2023 12:11	16101 BING_T2	0	1	1	0	0	0	0.45	0.46	0	0	0	0	0	0
12/5/2023 12:11	28604 BLYT_T2	0	1	1	0	0	0	-1.35	-1.33	0	0	0	0	0	0
12/5/2023 12:12	41502 FAIR_T2	0	0	0	0	0	0	-1.63	-1.62	1	1	0	900	900	0
12/5/2023 12:15	26401 INOR_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/5/2023 12:15	63501 HEID_TBK1-2	1	2	1	0.6	0.5	-0.1	-0.02	0.03	1	1	0	900	900	0
12/5/2023 12:16	45003 LIME_2	1	1	0	3.2	2.9	-0.3	0	0	1	1	0	1200	1200	0
12/5/2023 12:16	63501 HEID_TBK1-2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/5/2023 12:19	47402 PENS_T1	120	120	0	3.17	2.22	-0.95	0	0	0	0	0	0	0	0
12/5/2023 12:20	59101 WALK_T2	1	1	0	0	0	0	2.28	1.96	0	0	0	0	0	0
12/5/2023 12:21	47402 PENS_T1	120	120	0	3.17	2.22	-0.95	0	0	0	0	0	0	0	0
12/5/2023 12:22	59101 WALK_T2	1	1	0	0	0	0	2.28	1.96	0	0	0	0	0	0
12/5/2023 12:23	59101 WALK_T2	1	1	0	0	0	0	2.28	1.96	0	0	0	0	0	0
12/5/2023 12:25	59101 WALK_T2	1	1	0	0	0	0	4.55	3.91	0	0	0	0	0	0
12/5/2023 12:26	54501 ENOL_T2	1	0	-1	1.8	0	-1.8	0	0	0	0	0	0	0	0
12/5/2023 12:27	54501 ENOL_T2	1	0	-1	1.8	0	-1.8	-0.53	-0.54	1	1	0	600	600	0
12/5/2023 12:27	40101 HUNT_T2	9	23	14	0.77	0.28	-0.49	-0.41	-0.44	0	0	0	0	0	0
12/5/2023 12:28	40101 HUNT_T2	9	23	14	0.77	0.28	-0.49	-0.83	-0.88	0	0	0	0	0	0
12/5/2023 12:29	54501 ENOL_T2	1	0	-1	1.8	0	-1.8	-0.53	-0.54	1	1	0	600	600	0
12/5/2023 12:29	53903 HALI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/5/2023 12:29	64702 LITI_T2	0	0	0	0	0	0	-0.65	-0.73	0	0	0	0	0	0
12/5/2023 12:31	64702 LITI_T2	0	0	0	0	0	0	-1.3	-1.46	0	0	0	0	0	0
12/5/2023 12:32	65003 NEFF_T2	3	0	-3	0.1	0	-0.1	0	0	0	0	0	0	0	0
12/5/2023 12:36	54502 ENOL_T2	1	1	0	0.3	0.3	0	-2.04	-2.02	1	1	0	600	600	0
12/5/2023 12:44	54505 ENOL_T2	5	7	2	1.02	0.7	-0.32	0	0	0	0	0	0	0	0
12/5/2023 12:50	67602 WARW_T2	0	0	0	0	0	0	0.5	0.31	0	0	0	0	0	0
12/5/2023 12:51	62607 ENGL_T1	0	0	0	0	0	0	-0.74	-0.73	0	0	0	0	0	0
12/5/2023 12:58	45003 LIME_2	1	1	0	2	1.4	-0.6	0	0	1	1	0	1200	1200	0
12/5/2023 13:38	15001 BLMO_T1	4	4	0	0.3	0.45	0.15	0	0	0	0	0	0	0	0
12/5/2023 13:42	15001 BLMO_T1	4	4	0	0.3	0.45	0.15	0	0	0	0	0	0	0	0
12/5/2023 13:43	15001 BLMO_T1	4	4	0	0.3	0.45	0.15	0	0	0	0	0	0	0	0
12/5/2023 13:50	14403 SSLA_T1	0	0	0	0	0	0	0.82	0	0	0	0	0	0	0
12/5/2023 13:51	59101 WALK_T2	1	1	0	0	0	0	0	0	0	0	0	0	0	0
12/5/2023 13:53	59101 WALK_T2	1	1	0	0	0	0	0	0	0	0	0	0	0	0
12/5/2023 13:54	20403 ASHF_T2	0	1	1	0	0	0	0.17	0	0	0	0	0	0	0
12/5/2023 13:55	59101 WALK_T2	1	1	0	0	0	0	0	0	0	0	0	0	0	0
12/5/2023 13:58	53903 HALI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/5/2023 14:07	40505 CRES_T1	0	1	1	0	0	0	0	0	0	0	0	0	0	0
12/5/2023 14:07	16302 ALPA_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/5/2023 14:07	58001 WCAR_T1	0	4	4	0	0.25	0.25	0	0	0	0	0	0	0	0
12/5/2023 14:08	49803 UNIV_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/5/2023 14:08	59101 WALK_T2	1	1	0	0	0	0	0	0	0	0	0	0	0	0
12/5/2023 14:09	40505 CRES_T1	0	1	1	0	0	0	0	0	0	0	0	0	0	0
12/5/2023 14:09	59101 WALK_T2	1	1	0	0	0	0	0	0	0	0	0	0	0	0
12/5/2023 14:09	40501 CRES_T2	0	1	1	0	0	0	0	0	0	0	0	0	0	0
12/5/2023 14:09	44301 BEAV_T2	1	1	0	0.4	0	-0.4	0	0	2	2	0	1500	1500	0
12/5/2023 14:10	44301 BEAV_T2	1	1	0	0.4	0	-0.4	0	0	4	4	0	3000	3000	0
12/5/2023 14:10	40502 CRES_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/5/2023 14:11	44301 BEAV_T2	1	1	0	0.4	0	-0.4	0	0	2	2	0	1500	1500	0
12/5/2023 14:11	54505 ENOL_T2	9	5	-4	1	0.8	-0.2	0	0	0	0	0	0	0	0
12/5/2023 14:11	16302 ALPA_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/5/2023 14:11	40505 CRES_T1	0	1	1	0	0	0	0	0	0	0	0	0	0	0
12/5/2023 14:12	52401 GRPA_T2	0	1	1	0	0.2	0.2	0	0	0	0	0	0	0	0
12/5/2023 14:12	40101 HUNT_T2	26	97	71	0.29	0.47	0.18	0	0	0	0	0	0	0	0
12/5/2023 14:12	40502 CRES_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/5/2023 14:13	54501 ENOL_T2	3	0	-3	1.6	0	-1.6	0	0	0	0	0	0	0	0
12/5/2023 14:13	40101 HUNT_T2	26	97	71	0.29	0.47	0.18	0	0	0	0	0	0	0	0
12/5/2023 14:14	59302 MCAL_T1	1	0	-1	0.1	0	-0.1	0	0	1	1	0	600	600	0
12/5/2023 14:14	52403 GRPA_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/5/2023 14:14	53903 HALI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/5/2023 14:15	42903 MIDD_T2	0	0	0	0	0	0	0	0	1	1	0	1200	1200	0
12/5/2023 14:21	43301 WATS_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/5/2023 14:22	43301 WATS_T2	0	0	0	0	0	0	0	0	1	1	0	900	900	0
12/5/2023 14:22	16302 ALPA_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/5/2023 14:23	43001 ALWD_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/5/2023 14:23	43304 WATS_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/5/2023 14:23	43304 WATS_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/5/2023 14:23	16302 ALPA_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/5/2023 14:23	40505 CRES_T1	0	1	1	0	7.9	7.9	0	0	0	0	0	0	0	0
12/5/2023 14:24	43301 WATS_T2	0	0	0	0	0	0	0	0	1	1	0	900	900	0
12/5/2023 14:24	40505 CRES_T1	0	1	1	0	7.9	7.9	0	0	0	0	0	0	0	0
12/5/2023 14:24	43301 WATS_T2	0	0	0	0	0	0	0	0	1	1	0	900	900	0
12/5/2023 14:24	67503 WEWI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/5/2023 14:24	59101 WALK_T2	1	1	0	0	0	0	0	0	0	0	0	0	0	0
12/5/2023 14:25	43301 WATS_T2	0	0	0	0	0	0	0	0	1	1	0	900	900	0
12/5/2023 14:25	43301 WATS_T2	0	0	0	0	0	0	0	0	1	1	0	900	900	0
12/5/2023 14:25	40505 CRES_T1	0	1	1	0	7.9	7.9	0	0	0	0	0	0	0	0
12/5/2023 14:27	40505 CRES_T1	0	1	1	0	7.9	7.9	0	0	0	0	0	0	0	0
12/5/2023 14:28	52403 GRPA_T2	0	1	1	0	0	0	0	0	0	0	0	0	0	0
12/5/2023 14:29	64204 KINZ_T1	1	1	0	0.7	1	0.3	0	0	0	0	0	0	0	0
12/5/2023 14:30	59302 MCAL_T1	0	0	0	0	0	0	0	0	1	1	0	600	600	0
12/5/2023 14:33	64101 REFR_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/5/2023 14:38	10801 CHHI_T1	0	0	0	0	0	0	0	0	2	2	0	1500	1500	0
12/5/2023 14:38	16302 ALPA_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/5/2023 14:39	43001 ALWD_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/5/2023 14:39	10805 CHHI_T2	13	13	0	3.55	2.74	-0.81	0	0	1	1	0	600	600	0
12/5/2023 14:39	60201 ATGL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/5/2023 14:39	16302 ALPA_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/5/2023 14:39	40505 CRES_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/5/2023 14:40	40505 CRES_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/5/2023 14:40	59101 WALK_T2	1	1	0	0	0	0	0	0	0	0	0	0	0	0
12/5/2023 14:44	52401 GRPA_T2	1	1	0	0.2	0.6	0.4	0	0	0	0	0	0	0	0
12/5/2023 14:45	53903 HALI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/5/2023 14:46	52403 GRPA_T2	1	1	0	1.5	1	-0.5	0	0	0	0	0	0	0	0
12/5/2023 14:46	59301 MCAL_T1	2	2	0	0.75	0.8	0.05	0	0	0	0	0	0	0	0
12/5/2023 14:46	52401 GRPA_T2	1	1	0	0.4	0.6	0.2	0	0	0	0	0	0	0	0
12/5/2023 14:47	52404 GRPA_T2	0	1	1	0	0.7	0.7	0	0	0	0	0	0	0	0
12/5/2023 14:49	64101 REFR_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/5/2023 14:54	55002 NEWP_T1	6	6	0	0.63	0.7	0.07	0	0	0	0	0	0	0	0
12/5/2023 15:06	43301 WATS_T2	0	0	0	0	0	0	0	0	1	1	0	900	900	0
12/5/2023 15:06	43301 WATS_T2	0	0	0	0	0	0	0	0	1	1	0	900	900	0
12/5/2023 15:10	54504 ENOL_T2	0	25	25	0	0	0	0	0	0	0	0	0	0	0
12/5/2023 15:13	26401 INOR_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/5/2023 15:14	54505 ENOL_T2	2	87	85	0.85	0.9	0.05	0	0	0	0	0	0	0	0
12/5/2023 15:15	64204 KINZ_T1	1	1	0	1	0.8	-0.2	0	0	0	0	0	0	0	0
12/5/2023 15:17	52402 GRPA_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/5/2023 15:18	53501 EVIL_T2	8	8	0	0.56	0.94	0.38	0	0	0	0	0	0	0	0
12/5/2023 15:20	60501 NMAN_T2	3	3	0	3.47	3.77	0.3	0	0	0	0	0	0	0	0
12/5/2023 15:22	64101 REFR_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/5/2023 15:25	64101 REFR_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/5/2023 15:29	46504 LOHA_T1	1	2	1	0.3	0.45	0.15	0	0	0	0	0	0	0	0
12/5/2023 15:29	59003 MIFF_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/5/2023 15:31	43202 MVIL_T2	0	1	1	0	0	0	0	0	0	0	0	0	0	0
12/5/2023 15:31	59003 MIFF_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/5/2023 15:31	40101 HUNT_T2	80	14	-66	0.56	0.2	-0.36	0	0	0	0	0	0	0	0
12/5/2023 15:32	43202 MVIL_T2	0	1	1	0	0	0	0	0	0	0	0	0	0	0
12/5/2023 15:33	13702 SCHN_T1	1	0	-1	3.2	0	-3.2	0	0	0	0	0	0	0	0
12/5/2023 15:34	13702 SCHN_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/5/2023 15:34	46302 ROHR_T1	2	4	2	0.7	0.43	-0.27	0	0	0	0	0	0	0	0
12/5/2023 15:35	56504 ROCK_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/5/2023 15:35	13302 ORVI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/5/2023 15:36	12206 FOGE_T2	0	1	1	0	0	0	0	0	0	0	0	0	0	0
12/5/2023 15:36	43301 WATS_T2	0	0	0	0	0	0	0	0	1	1	0	900	900	0
12/5/2023 15:36	43301 WATS_T2	0	0	0	0	0	0	0	0	1	1	0	900	900	0
12/5/2023 15:36	13704 SCHN_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/5/2023 15:36	46302 ROHR_T1	2	4	2	0.7	0.43	-0.27	0	0	0	0	0	0	0	0
12/5/2023 15:37	43301 WATS_T2	0	0	0	0	0	0	0	0	1	1	0	900	900	0
12/5/2023 15:37	43301 WATS_T2	0	0	0	0	0	0	0	0	1	1	0

Appendix C - Grid Benefits Achieved in Each Instance of Active Management

12/5/2023 18:19	16101 BING_T2	75	75	0	0.57	0.57	0	0	0	0	0	0	0	0
12/5/2023 18:20	42701 AUGU_T1	0	0	0	0	0	0	0	0	2	2	0	1800	1800	0
12/5/2023 18:20	67204 TEHI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/5/2023 18:21	45501 DERR_T2	2	0	-2	0.5	0	-0.5	0	0	4	4	0	3600	3600	0
12/5/2023 18:22	40602 PIGR_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/5/2023 18:23	12701 MACU_T1	2	1	-1	0.65	0.4	-0.25	0	0	0	0	0	0	0	0
12/5/2023 18:23	67001 STHI_T2	6	26	20	0.17	0.12	-0.05	0	0	0	0	0	0	0	0
12/5/2023 18:24	47802 MOCA_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/5/2023 18:24	12206 FOGE_T2	0	3	3	0	0	0	0	0	0	0	0	0	0	0
12/5/2023 18:24	16302 ALPA_T2	0	2	2	0	0	0	0	0	0	0	0	0	0	0
12/5/2023 18:25	41801 GOCI_T2	1	1	0	1	0.9	-0.1	0	0	0	0	0	0	0	0
12/5/2023 18:25	43402 BENT_T1	0	3	3	0	0	0	0	0	2	1	-1	1500	900	-600
12/5/2023 18:26	49803 UNIV_T1	0	2	2	0	0	0	0	0	0	0	0	0	0	0
12/5/2023 18:26	45501 DERR_T2	2	0	-2	0.5	0	-0.5	0	0	2	2	0	1800	1800	0
12/5/2023 18:27	45402 WILO_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/5/2023 18:27	67001 STHI_T2	6	26	20	0.17	0.12	-0.05	0	0	0	0	0	0	0	0
12/5/2023 18:27	40502 CRES_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/5/2023 18:27	46501 LOHA_T1	0	0	0	0	0	0	0	0	1	1	0	1200	1200	0
12/5/2023 18:28	12704 MACU_T1	0	8	8	0	0	0	0	0	0	0	0	0	0	0
12/5/2023 18:28	67002 STHI_T2	0	5	5	0	0.1	0.1	0	0	0	0	0	0	0	0
12/5/2023 18:29	46302 ROHR_T1	2	1	-1	0.25	0	-0.25	0	0	0	0	0	0	0	0
12/5/2023 18:29	29402 BELT_T1	1	8	7	7.6	7.9	0.3	0	0	0	0	0	0	0	0
12/5/2023 18:29	41902 REED_T1	4	2	-2	0.2	0.45	0.25	0	0	0	0	0	0	0	0
12/5/2023 18:30	44601 SALE_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/5/2023 18:30	43402 BENT_T1	0	6	6	0	0.17	0.17	0	0	2	1	-1	1500	900	-600
12/5/2023 18:30	12701 MACU_T1	1	1	0	0.4	0.3	-0.1	0	0	0	0	0	0	0	0
12/5/2023 18:30	43201 MVIL_T2	1	3	2	0.6	1.3	0.7	0	0	0	0	0	0	0	0
12/5/2023 18:31	40502 CRES_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/5/2023 18:31	41901 REED_T1	11	11	0	0.78	0.74	-0.04	0	0	0	0	0	0	0	0
12/5/2023 18:31	46004 BERW_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/5/2023 18:32	67203 TEHI_T1	0	0	0	0	0	0	0	0	2	2	0	1500	1500	0
12/5/2023 18:32	20403 ASHF_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/5/2023 18:32	67503 WEWI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/5/2023 18:33	13702 SCHN_T1	1	0	-1	3.7	0	-3.7	0	0	0	0	0	0	0	0
12/5/2023 18:33	43301 WATS_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/5/2023 18:34	28602 BLYT_T2	1	0	-1	0.2	0	-0.2	0	0	0	0	0	0	0	0
12/5/2023 18:34	40502 CRES_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/5/2023 18:34	67602 WARW_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/5/2023 18:34	43302 WATS_T2	3	4	1	0.13	0.15	0.02	0	0	0	0	0	0	0	0
12/5/2023 18:34	58402 MORO_T1	0	1	1	0	0	0	0	0	3	3	0	2400	2400	0
12/5/2023 18:35	64702 LITI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/5/2023 18:35	40502 CRES_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/5/2023 18:35	17804 GILB_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/5/2023 18:35	43302 WATS_T2	3	4	1	0.13	0.15	0.02	0	0	0	0	0	0	0	0
12/5/2023 18:35	65003 NEFF_T2	4	47	43	0.1	0.16	0.06	0	0	0	0	0	0	0	0
12/5/2023 18:35	40505 CRES_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/5/2023 18:35	14403 SSLA_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/5/2023 18:35	67602 WARW_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/5/2023 18:36	14403 SSLA_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/5/2023 18:36	64802 MONE_T2	9	21	12	0.16	0.14	-0.02	0	0	0	0	0	0	0	0
12/5/2023 18:36	52401 GRPA_T2	7	12	5	0.64	0.2	-0.44	0	0	0	0	0	0	0	0
12/5/2023 18:36	43302 WATS_T2	3	4	1	0.13	0.15	0.02	0	0	0	0	0	0	0	0
12/5/2023 18:36	43302 WATS_T2	3	4	1	0.13	0.15	0.02	0	0	0	0	0	0	0	0
12/5/2023 18:36	67002 STHI_T2	3	7	4	0.1	0.11	0.01	0	0	0	0	0	0	0	0
12/5/2023 18:36	57403 SPAN_T1	1	2	1	2.5	0	-2.5	0	0	0	0	0	0	0	0
12/5/2023 18:36	56802 BENV_T2	2	2	0	0.2	0.35	0.15	0	0	0	0	0	0	0	0
12/5/2023 18:36	64702 LITI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/5/2023 18:36	40505 CRES_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/5/2023 18:37	59101 WALK_T2	1	1	0	0	0	0	0	0	1	1	0	450	450	0
12/5/2023 18:37	63305 GREE_T1	0	2	2	0	0.1	0.1	0	0	0	0	0	0	0	0
12/5/2023 18:37	43001 ALWD_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/5/2023 18:37	43304 WATS_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/5/2023 18:37	67002 STHI_T2	3	7	4	0.1	0.11	0.01	0	0	0	0	0	0	0	0
12/5/2023 18:37	64101 REFR_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/5/2023 18:37	40502 CRES_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/5/2023 18:37	51604 DUKE_T2	0	1	1	0	0.1	0.1	0	0	1	1	0	900	900	0
12/5/2023 18:38	26401 INOR_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/5/2023 18:38	40602 PIGR_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/5/2023 18:38	56802 BENV_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/5/2023 18:38	67503 WEWI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/5/2023 18:39	54505 ENOL_T2	64	6	-58	1.81	0.2	-1.61	0	0	0	0	0	0	0	0
12/5/2023 18:39	66505 SMAN_T2	0	1	1	0	0	0	0	0	0	0	0	0	0	0
12/5/2023 18:39	56802 BENV_T2	2	2	0	0.2	0.35	0.15	0	0	0	0	0	0	0	0
12/5/2023 18:39	40101 HUNT_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/5/2023 18:39	52402 GRPA_T2	5	5	0	0.92	1.22	0.3	0	0	0	0	0	0	0	0
12/5/2023 18:39	13704 SCHN_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/5/2023 18:40	58003 WCAR_T1	0	1	1	0	0.2	0.2	0	0	1	1	0	600	600	0
12/5/2023 18:40	43301 WATS_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/5/2023 18:40	56802 BENV_T2	2	2	0	0.2	0.35	0.15	0	0	0	0	0	0	0	0
12/5/2023 18:40	60201 ATGL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/5/2023 18:40	63501 HEID_TBK1-2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/5/2023 18:41	60201 ATGL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/5/2023 18:41	57403 SPAN_T1	1	2	1	2.5	0	-2.5	0	0	0	0	0	0	0	0
12/5/2023 18:41	44301 BEAV_T2	0	1	1	0	0	0	0	0	1	1	0	600	600	0
12/5/2023 18:41	57401 SPAN_T1	0	1	1	0	0	0	0	0	1	1	0	600	600	0
12/5/2023 18:41	53601 DALM_T2	0	1	1	0	0.1	0.1	0	0	0	0	0	0	0	0
12/5/2023 18:41	43302 WATS_T2	3	4	1	0.13	0.15	0.02	0	0	0	0	0	0	0	0
12/5/2023 18:41	59302 MCAL_T1	0	0	0	1	0	0	0	0	1	1	0	600	600	0
12/5/2023 18:42	43001 ALWD_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/5/2023 18:42	53502 EVIL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/5/2023 18:42	56801 BENV_T1	1	3	2	0.3	0.4	0.1	0	0	1	1	0	600	600	0
12/5/2023 18:42	45702 LIND_T2	1	1	0	1.8	1.8	0	0	0	0	0	0	0	0	0
12/5/2023 18:42	47401 PENS_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/5/2023 18:42	59003 MIFF_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/5/2023 18:42	67201 TEHI_T1	0	0	0	0	0	0	0	0	1	1	0	900	900	0
12/5/2023 18:42	53502 EVIL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/5/2023 18:42	55002 NEWP_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/5/2023 18:42	43301 WATS_T2	0	0	0	0	0	0	0	0	1	1	0	900	900	0
12/5/2023 18:42	13704 SCHN_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/5/2023 18:42	56802 BENV_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/5/2023 18:43	59003 MIFF_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/5/2023 18:43	56802 BENV_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/5/2023 18:44	58402 MORO_T1	0	1	1	0	0	0	0	0	3	3	0	2400	2400	0
12/5/2023 18:44	51604 DUKE_T2	0	1	1	0	0.1	0.1	0	0	1	1	0	900	900	0
12/5/2023 18:44	53501 EVIL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/5/2023 18:44	55002 NEWP_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/5/2023 18:45	52501 PROG_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/5/2023 18:45	63501 HEID_TBK1-2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/5/2023 18:45	56802 BENV_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/5/2023 18:45	60502 NMAN_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/5/2023 18:46	52404 GRPA_T2	1	1	0	0.1	0.3	0.2	0	0	0	0	0	0	0	0
12/5/2023 18:46	45003 LIME_2	1	3	2	2.9	2	-0.9	0	0	1	1	0	1200	1200	0
12/5/2023 18:46	54505 ENOL_T2	2	6	4	1.1	0.3	-0.8	0	0	0	0	0	0	0	0
12/5/2023 18:46	57401 SPAN_T1	0	1	1	0	0	0	0	0	1	1	0	600	600	0
12/5/2023 18:46	56501 ROCK_T2	2	1	-1	0.7	0.7	0	0	0	0	0	0	0	0	0
12/5/2023 18:47	57403 SPAN_T1	2	0	-2	1.65	0	-1.65	0	0	0	0	0	0	0	0
12/5/2023 18:47	51604 DUKE_T2	0	1	1	0	0.1	0.1	0	0	1	1	0	900	900	0
12/5/2023 18:47	62604 ENGI_T1	0	0	0	0	0	0	0	0	1	1	0	600	600	0
12/5/2023 18:47	52402 GRPA_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/5/2023 18:47	53903 HALI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/5/2023 18:48	42901 MIDD_T2	0	2	2	0	0	0	0	0	0	0	0	0	0	0
12/5/2023 18:49	56801 BENV_T1	2	3	1	0.55	0.3	-0.25	0	0	1	1	0	600	600	0
12/5/2023 18:49	54504 ENOL_T2	0	3	3	0	0	0	0	0	0	0	0	0	0	0
12/5/2023 18:49	56501 ROCK_T2	2	1	-1	0.7	0.7	0	0	0	0	0	0	0	0	0
12/5/2023 18:50	58003 WCAR_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/5/2023 18:50	56802 BENV_T2	2	3	1	0.3	0.27	-0.03	0	0	0	0	0	0	0	0
12/5/2023 18:50	64101 REFR_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/5/2023 18:51	64101 REFR_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/5/2023 18:52	56802 BENV_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/5/2023 18:52	52402 GRPA_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/5/2023 18:52	64101 REFR_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/6/2023 0:28	52403 GRPA_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/6/2023 0:28	53601 DALM_T2	1	1	0	0.4	0.8	0.4	0	0	0	0	0	0	0	0
12/6/2023 0:28	53903 HALI_T2	0	2	2	0	0.2	0.2	0	0	0	0	0	0	0	0
12/6/2023 0:28	12701 MACU_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/6/2023 0:28	67001 STHI_T2	1	1	0	0	0.1	0.1	0	0	0	0	0	0	0	0
12/6/2023 0:28	67503 WEWI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/6/2023 0:28	64101 REFR_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/6/2023 0:28	43201 MVIL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/6/2023 0:28	63501 HEID_TBK1-2	0	1	1	0	0.2	0.2	0	0	0	0	0	0	0	0
12/6/2023 0:28	14403 SSLA_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/6/2023 0:28	58402 MORO_T1	0	0	0	0	0	0	0	0	2	2	0	1500	1500	0
12/6/2023 0:28	29401 BELT_T1	0	0	0	0	0	0	0	0	1	1	0	900	900	0
12/6/2023 0:28	62607 ENGI_T1	0	0	0	0	0	0	0	0	1	1	0	300	300	0
12/6/2023 0:28	52401 GRPA_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/6/2023 0:28	53501 EVIL_T2	1	3	2	0.5	0.4	-0.1	0	0	2	2	0	1200	1200	0
12/6/2023 0:28	62607 ENGI_T1	0	0	0	0	0	0	0	0	1	1	0	300	300	0
12/6/2023 0:28	40602 PIGR_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/6/2023 0:28	17805 GILB_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/6/2023 0:28	39601 LNFD_T1	0	0	0	0	0	0	0	0	1	1	0	900	900	0
12/6/2023 0:28	59003 MIFF_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/6/2023 0:28	20403 ASHF_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/6/2023 0:28	56501 ROCK_T2	1	1	0	0.6	0.3	-0.3	0	0	0	0	0	0	0	0
12/6/2023 0:28	40502 CRES_T2	0	2	2	0	0.1	0.1	0	0	0	0	0	0	0	0
12/6/2023 0:28	10801 CHHI_T1	0	0	0	0	0	0	0	0	1	1	0	900	900	0
12/6/2023 0:28	57401 SPAN_T1	0	0	0	0	0	0	0	0	3	3	0	1800	1800	0
12/6/2023 0:28	42701 AUGU_T1	0	0	0	0	0	0	0	0	1	1	0	600	600	0
12/6/2023 0:28	16101 BING_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/6/2023 0:28	40505 CRES_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/6/2023 0:28	60803 BUCK_T1	0	0	0	0	0	0	0	0	2	2	0	1200	1200	0
12/6/2023 0:28	66901 SHIL_T2	0	0	0	0	0	0	0	0	1	1	0	1200	1200	0
12/6/2023 0:28	15001 BLMO_T1	1	2	1	0.1	0.1	0	0	0	0	0	0	0	0	0
12/6/2023 0:28	64203 KINZ_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/6/2023 0:28	67602 WARW_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/6/2023 0:28	66703 STRA_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/6/2023 0:28	55002 NEWP_T1	0	4	4	0	0.28	0.28	0	0	0	0	0	0	0	0
12/6/2023 0:28	12203 FOGE_T2	9	18	9	0.11	0.11	0	0	0	0	0	0	0	0	0
12/6/2023 0:28	64802 MONE_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/6/2023 0:28	13704 SCHN_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/6/2023 0:28	43201 MVIL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/6/2023 0:28	26401 INOR_T1	1	1	0	0.2	0.2	0	0	0	0	0	0	0	0	0
12/6/2023 0:28	56802 BENV_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/6/2023 0:28	27502 WEIS_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/6/2023 0:28	59101 WALK_T2	1	1	0	0	0	0	0	0	0	0	0	0	0	0
12/6/2023 0:28	13901 SEID_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/6/2023 0:28	46302 ROHR_T1	2	2	0	0.55	0.6	0.05	0	0	0	0	0	0	0	0
12/6/2023 0:28	65901 SAKR_T2	1	1	0	9.2	9.5	0.3	0	0	1	1	0	900	900	0
12/6/2023 0:28	54502 ENOL_T2	0	0	0	0	0	0	0	0	1	1	0	600	600	0
12/6/2023 0:28	67204 TEHI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/6/2023 0:28	64702 LITI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/6/2023 0:28	44301 BEAV_T2	0	0	0	0	0	0	0	0	5	5	0	3000	3000	0
12/6/2023 0:28	13606 RICH_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/6/2023 0:28	43304 WATS_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/6/2023 0:28	27101 GFLD_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/6/2023 0:28	46801 HEPB_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/6/2023 0:28	40101 HUNT_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/6/2023 0:28	25402 LAHA_T2

12/6/2023 9:00	64101 REFR_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/6/2023 9:00	15001 BLMO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/6/2023 9:00	64802 MONE_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/6/2023 9:00	67503 WEWI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/6/2023 9:01	52402 GRPA_T2	2	3	1	2	1.53	-0.47	0	0	0	0	0	0	0	0
12/6/2023 9:01	46501 LOHA_T1	0	0	0	0	0	0	0	0	1	1	0	1200	1200	0
12/6/2023 9:07	43401 BENT_T1	1	0	-1	0.1	0	-0.1	0	0	0	0	0	0	0	0
12/6/2023 9:08	40502 CRES_T2	0	6	6	0	0.12	0.12	0	0	0	0	0	0	0	0
12/6/2023 9:08	59101 WALK_T2	1	1	0	0	0	0	0	0	1	0	-1	600	0	-600
12/6/2023 9:08	45501 DERR_T2	0	0	0	0	0	0	0	0	2	2	0	1800	1800	0
12/6/2023 9:08	46004 BERW_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/6/2023 9:09	41602 CLEV_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/6/2023 9:11	43401 BENT_T1	1	0	-1	0.1	0	-0.1	0	0	0	0	0	0	0	0
12/6/2023 9:16	58402 MORO_T1	0	1	1	0	0	0	0	0	6	6	0	4800	4800	0
12/6/2023 9:20	58401 MORO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/6/2023 9:21	52404 GRPA_T2	2	0	-2	0.1	0	-0.1	0	0	0	0	0	0	0	0
12/6/2023 9:21	59101 WALK_T2	1	1	0	0	0	0	0	0	1	0	-1	600	0	-600
12/6/2023 9:22	59101 WALK_T2	1	1	0	0	0	0	0	0	1	0	-1	600	0	-600
12/6/2023 9:23	59101 WALK_T2	1	1	0	0	0	0	0	0	0	0	0	0	0	0
12/6/2023 9:23	53601 DALM_T2	1	2	1	0.2	0.15	-0.05	0	0	1	1	0	900	900	0
12/6/2023 9:26	40502 CRES_T2	6	4	-2	0.1	0.13	0.03	0	0	0	0	0	0	0	0
12/6/2023 9:27	40502 CRES_T2	6	4	-2	0.1	0.13	0.03	0	0	0	0	0	0	0	0
12/6/2023 9:27	40201 BEGA_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/6/2023 9:28	29401 BELT_T1	18	20	2	0.16	0.16	0	0	0	0	0	0	0	0	0
12/6/2023 9:29	64204 KINZ_T1	1	1	0	0.7	0.3	-0.4	0	0	0	0	0	0	0	0
12/6/2023 9:31	40101 HUNT_T2	58	4	-54	0.43	0.18	-0.25	0	0	0	0	0	0	0	0
12/6/2023 9:32	40101 HUNT_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/6/2023 9:34	64101 REFR_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/6/2023 9:35	56503 ROCK_T2	2	0	-2	1.55	0	-1.55	0	0	0	0	0	0	0	0
12/6/2023 9:35	14403 SSLA_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/6/2023 9:37	14403 SSLA_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/6/2023 9:37	26401 INOR_T1	1	0	-1	0.1	0	-0.1	0	0	0	0	0	0	0	0
12/6/2023 9:37	43304 WATS_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/6/2023 9:38	56802 BENV_T2	1	4	3	0.7	0.35	-0.35	0	0	0	0	0	0	0	0
12/6/2023 9:39	43304 WATS_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/6/2023 9:41	56802 BENV_T2	1	4	3	0.7	0.35	-0.35	0	0	0	0	0	0	0	0
12/6/2023 9:42	56802 BENV_T2	1	4	3	0.7	0.35	-0.35	0	0	0	0	0	0	0	0
12/6/2023 9:42	43304 WATS_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/6/2023 9:44	41801 GOCI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/6/2023 9:45	13704 SCHN_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/6/2023 9:46	41801 GOCI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/6/2023 9:47	64101 REFR_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/6/2023 9:48	64101 REFR_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/6/2023 9:49	64101 REFR_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/6/2023 9:50	43304 WATS_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/6/2023 9:51	13901 SEID_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/6/2023 9:52	64101 REFR_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/6/2023 9:54	56802 BENV_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/6/2023 9:55	43304 WATS_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/6/2023 9:55	44301 BEAV_T2	1	1	0	1.2	0	-1.2	0	0	2	2	0	1500	1500	0
12/6/2023 9:56	54502 ENOL_T2	1	2	1	0.3	0.5	0.2	0	0	0	0	0	0	0	0
12/6/2023 9:56	29401 BELT_T1	15	31	16	0.14	0.16	0.02	0	0	0	0	0	0	0	0
12/6/2023 9:57	11104 GYP_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/6/2023 9:58	52402 GRPA_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/6/2023 9:58	11104 EGYP_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/6/2023 9:59	53903 HALI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/6/2023 9:59	12701 MACU_T1	0	0	1	0	0	0	0	0	1	1	0	1200	1200	0
12/6/2023 10:00	53901 HALI_T2	1	1	0	0.1	0.2	0.1	0	0	0	0	0	0	0	0
12/6/2023 10:01	52402 GRPA_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/6/2023 10:01	55002 NEWP_T1	6	6	0	0.55	0.87	0.32	0	0	0	0	0	0	0	0
12/6/2023 10:02	40602 PIGR_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/6/2023 10:02	55002 NEWP_T1	6	6	0	0.55	0.87	0.32	0	0	0	0	0	0	0	0
12/6/2023 10:03	55002 NEWP_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/6/2023 10:03	12701 MACU_T1	0	0	0	0	0	0	0	0	1	1	0	1200	1200	0
12/6/2023 10:04	66503 SMAN_T2	176	38	-138	0.22	0.13	-0.09	0	0	0	0	0	0	0	0
12/6/2023 10:04	55002 NEWP_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/6/2023 10:05	40602 PIGR_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/6/2023 10:06	57401 SPAN_T1	2	2	0	0.3	0.6	0.3	0	0	1	1	0	600	600	0
12/6/2023 10:06	67201 TEHI_T1	0	0	0	0	0	0	0	0	2	2	0	1500	1500	0
12/6/2023 10:06	67203 TEHI_T1	1	0	-1	0.2	0	-0.2	0	0	2	2	0	1200	1200	0
12/6/2023 10:06	43304 WATS_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/6/2023 10:06	41902 REED_T1	0	4	4	0	0	0	0	0	0	0	0	0	0	0
12/6/2023 10:07	57401 SPAN_T1	2	2	0	0.3	0.6	0.3	0	0	1	1	0	600	600	0
12/6/2023 10:07	13904 SEID_T1	2	1	-1	0.85	0	-0.85	0	0	0	0	0	0	0	0
12/6/2023 10:08	56801 BENV_T1	11	13	2	0.96	1.01	0.05	0	0	1	1	0	600	600	0
12/6/2023 10:08	59101 WALK_T2	1	1	0	0	0	0	0	0	0	0	0	0	0	0
12/6/2023 10:08	57403 SPAN_T1	7	7	0	0.21	0.26	0.05	0	0	0	0	0	0	0	0
12/6/2023 10:08	67602 WARW_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/6/2023 10:08	40505 CRES_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/6/2023 10:09	44301 BEAV_T2	0	1	1	0	0.9	0.9	0	0	2	2	0	1500	1500	0
12/6/2023 10:11	56801 BENV_T1	11	13	2	0.96	1.01	0.05	0	0	1	1	0	600	600	0
12/6/2023 10:11	40505 CRES_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/6/2023 10:11	52402 GRPA_T2	5	8	3	1.06	0.86	-0.2	0	0	0	0	0	0	0	0
12/6/2023 10:12	53501 EVIL_T2	3	9	6	0.63	0.78	0.15	0	0	2	2	0	1200	1200	0
12/6/2023 10:12	40505 CRES_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/6/2023 10:13	53501 EVIL_T2	3	9	6	0.63	0.78	0.15	0	0	2	2	0	1200	1200	0
12/6/2023 10:14	53501 EVIL_T2	3	9	6	0.63	0.78	0.15	0	0	2	2	0	1200	1200	0
12/6/2023 10:14	10801 CHHI_T1	0	0	0	0	0	0	0	0	2	2	0	1500	1500	0
12/6/2023 10:14	45001 LIME_2	2	1	-1	2.25	0	-2.25	0	0	0	0	0	0	0	0
12/6/2023 10:14	12202 FOGE_T2	0	1	1	0	0	0	0	0	1	1	0	600	600	0
12/6/2023 10:15	53501 EVIL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/6/2023 10:15	53901 HALI_T2	0	1	1	0	0.2	0.2	0	0	0	0	0	0	0	0
12/6/2023 10:16	62604 ENGL_T1	0	0	0	0	0	0	0	0	2	2	0	1200	1200	0
12/6/2023 10:17	52401 GRPA_T2	3	1	-2	0.3	0.8	0.5	0	0	0	0	0	0	0	0
12/6/2023 10:17	62604 ENGL_T1	0	0	0	0	0	0	0	0	1	1	0	600	600	0
12/6/2023 10:17	43201 MVIL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/6/2023 10:17	55002 NEWP_T1	6	7	1	0.63	0.87	0.24	0	0	0	0	0	0	0	0
12/6/2023 10:17	40602 PIGR_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/6/2023 10:18	40602 PIGR_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/6/2023 10:18	64101 REFR_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/6/2023 10:18	55002 NEWP_T1	6	7	1	0.63	0.87	0.24	0	0	0	0	0	0	0	0
12/6/2023 10:19	55002 NEWP_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/6/2023 10:19	64101 REFR_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/6/2023 10:20	64101 REFR_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/6/2023 10:20	55002 NEWP_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/6/2023 10:20	67204 TEHI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/6/2023 10:21	64101 REFR_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/6/2023 10:21	67502 WEWI_T2	0	0	0	0	0	0	0	0	1	1	0	900	900	0
12/6/2023 10:22	64101 REFR_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/6/2023 10:22	67204 TEHI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/6/2023 10:22	56501 ROCK_T2	2	3	1	0.45	0.5	0.05	0	0	0	0	0	0	0	0
12/6/2023 10:22	62604 ENGL_T1	0	0	0	0	0	0	0	0	1	1	0	600	600	0
12/6/2023 10:22	43001 ALWD_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/6/2023 10:22	67502 WEWI_T2	0	0	0	0	0	0	0	0	1	1	0	900	900	0
12/6/2023 10:23	20403 ASHF_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/6/2023 10:23	44301 BEAV_T2	1	1	0	1.1	0.9	-0.2	0	0	2	2	0	1500	1500	0
12/6/2023 10:23	57401 SPAN_T1	1	2	1	0.2	0.6	0.4	0	0	1	1	0	600	600	0
12/6/2023 10:23	57403 SPAN_T1	6	13	7	0.25	0.23	-0.02	0	0	0	0	0	0	0	0
12/6/2023 10:23	53901 HALI_T2	0	1	1	0	0.2	0.2	0	0	0	0	0	0	0	0
12/6/2023 10:23	40502 CRES_T2	0	11	11	0	0.23	0.23	0	0	0	0	0	0	0	0
12/6/2023 10:24	40502 CRES_T2	0	11	11	0	0.23	0.23	0	0	0	0	0	0	0	0
12/6/2023 10:26	44301 BEAV_T2	1	0	-1	1.1	0.9	-0.2	0	0	2	2	0	1500	1500	0
12/6/2023 10:26	40502 CRES_T2	0	11	11	0	0.23	0.23	0	0	0	0	0	0	0	0
12/6/2023 10:27	40502 CRES_T2	0	11	11	0	0.23	0.23	0	0	0	0	0	0	0	0
12/6/2023 10:27	57403 SPAN_T1	6	13	7	0.25	0.23	-0.02	0	0	0	0	0	0	0	0
12/6/2023 10:28	40101 HUNT_T2	3	25	22	0.6	0.35	-0.25	0	0	0	0	0	0	0	0
12/6/2023 10:28	40502 CRES_T2	0	11	11	0	0.23	0.23	0	0	0	0	0	0	0	0
12/6/2023 10:29	17802 GILB_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/6/2023 10:29	17803 GILB_T2	4	5	1	0.13	0.12	-0.01	0	0	0	0	0	0	0	0
12/6/2023 10:29	40502 CRES_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/6/2023 10:30	17805 GILB_T2	0	3	3	0	0	0	0	0	0	0	0	0	0	0
12/6/2023 10:30	40101 HUNT_T2	6	94	88	0.35	0.36	0.01	0	0	0	0	0	0	0	0
12/6/2023 10:31	16402 MOPO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/6/2023 10:31	65001 NEFF_T2	0	0	0	0	0	0	0	0	1	1	0	1200	1200	0
12/6/2023 10:35	14403 SSLA_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/6/2023 10:37	16302 ALPA_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/6/2023 10:37	60201 ATGL_T2	0	0	0	0	0	0	0	0	1	1	0	600	600	0
12/6/2023 10:38	67503 WEWI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/6/2023 10:38	16302 ALPA_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/6/2023 10:38	44301 BEAV_T2	1	1	0	0.9	0.4	-0.5	0	0	2	2	0	1500	1500	0
12/6/2023 10:38	57401 SPAN_T1	2	2	0	0.6	0.6	0	0	0	1	1	0	600	600	0
12/6/2023 10:38	43001 ALWD_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/6/2023 10:39	16302 ALPA_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/6/2023 10:39	20403 ASHF_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/6/2023 10:40	16302 ALPA_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/6/2023 10:41	20403 ASHF_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/6/2023 10:43	45802 HEGI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/6/2023 10:45	27101 GFLD_T2	0	1	1	0	1.7	1.7	0	0	0	0	0	0	0	0
12/6/2023 10:45	46801 HEPB_T2	2	2	0	0.2	0.25	0.05	0	0	0	0	0	0	0	0
12/6/2023 10:46	45802 HEGI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/6/2023 10:46	40902 JESH_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/6/2023 10:49	40601 PIGR_T1	23	30	7	0.17	0.15	-0.02	0	0	0	0	0	0	0	0
12/6/2023 10:51	40601 PIGR_T1	23	30	7	0.17	0.15	-0.02	0	0	0	0	0	0	0	0
12/6/2023 10:51	43301 WATS_T2	0	0	0	0	0	0	0	0	3	3	0	2700	2700	0
12/6/2023 10:52	56802 BENV_T2	1	1	0	0.8	1.1	0.3	0	0	0	0	0	0	0	0
12/6/2023 10:52	43301 WATS_T2	0	0	0	0	0	0	0	0	1	1	0	900	900	0
12/6/2023 10:52	44904 SCOT_T1	0	1	1	0	0	0	0	0	0	0	0	0	0	0
12/6/2023 10:52	65001 NEFF_T2	0	0	0	0	0	0	0	0	1	1	0	1200	1200	0
12/6/2023 10:53	60803 BUCK_T1	0	0	0	0	0	0	0	0	1	1	0	600	600	0
12/6/2023 10:53	43301 WATS_T2	0	0	0	0	0	0	0	0	1	1	0	900	900	0
12/6/2023 10:53	46004 BERW_T2	0	7	7	0	0	0	0	0	0	0	0	0	0	0
12/6/2023 10:54	45402 WBLO_T2	1	2	1	0.9	1.1	0.2	0	0	0	0	0	0	0	0
12/6/2023 10:54	60803 BUCK_T1	0	0	0	0	0	0	0	0	1	1	0	600	600	0
12/6/2023 10:54	40101 HUNT_T2	25	161	136	0.36	0.4	0.04	0	0	0	0	0	0	0	0
12/6/2023 10:54	43301 WATS_T2	0	0	0	0	0	0	0	0	1	1	0	900	900	0
12/6/2023 10:54	27502 WEIS_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/6/2023 10:56	45501 DERR_T2	0	1	1	0	0	0	0	0	4	4	0	3600	3600	0
12/6/2023 10:56	54504 ENOL_T2	0	1	1	0	0	0	0	0	1	1	0	600	600	0
12/6/2023 10:57	52402 GRPA_T2	8	9	1	0.94	1.07	0.13	0	0	0	0	0	0	0	0
12/6/2023 10:57	54502 ENOL_T2	1	3	2	0.2	0.5	0.3	0	0	0	0	0	0	0	0
12/6/2023 10:57	29401 BELT_T1	23	52	29	0.17	0.22	0.05	0	0	2	2	0	1800	1800	0
12/6/2023 10:57	10805 CHHI_T2	14	14	0	3.05	2.59	-0.46	0	0	1	1	0	600	600	0
12/6/2023 10:58	52404 GRPA_T2	0	3	3	0	0	0	0	0	0	0	0	0	0	0
12/6/2023 10:58	39601 LNFD_T1	0	0	0	0	0	0	0	0	1	1	0	900	900	0
12/6/2023 10:59	52404 GRPA_T2	0	3	3	0	0	0	0	0	0	0	0	0	0	0
12/6/2023 10:59	55105 WERT_T1	0	7	7	0	0	0	0	0	1	1	0	900	900	0
12/6/2023 11:00	40101 HUNT_T2	94	161	67	0.45	0.4	-0.05	0	0	0	0	0	0	0	0
12/6/2023 11:02	51002 NHAR_T1	1	1	0	1.7	1.9	0.2	0	0	0	0	0	0	0	0
12/6/2023 11:03	57401 SPAN_T1	1	11	10	0.2	0.5	0.3	0	0	0	0	0	0	0	0
12/6/2023 11:05	59101 WALK_T2	1	1	0	0	0	0	0	0	1	1	0	600	600	0
12/6/2023 11:05	57403 SPAN_T1	6	29	23	0.23	0.34	0.11	0	0	0	0	0	0	0	0
12/6/2023 11:05	52504 PROG_T1	18	37	19	0.16	0.23	0.07	0	0	0	0	0	0	0	0
12/6/2023 11:06	57401 SPAN_T1	1	11	10	0.2	0.5	0.3	0	0	0	0	0	0	0	0
12/6/2023 11:06	60201 ATGL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/6/2023 11:07	60201 ATGL_T2	0	0	0	0	0	0	0	0	1

12/6/2023 11:42	63501 HEID_TBK1-2	0	1	1	0	0.5	0.5	0	0	1	1	0	900	900	0
12/6/2023 11:42	61801 EELI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/6/2023 11:42	56802 BENV_T2	1	15	14	1.3	0.19	-1.11	0	0	0	0	0	0	0	0
12/6/2023 11:43	48302 ORWI_T2	2	2	0	0.85	0.95	0.1	0	0	0	0	0	0	0	0
12/6/2023 11:44	13704 SCHN_T2	4	5	1	0.13	0.18	0.05	0	0	0	0	0	0	0	0
12/6/2023 11:44	63501 HEID_TBK1-2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/6/2023 11:45	64301 LINC_T1	0	0	0	0	0	0	0	0	1	1	0	600	600	0
12/6/2023 11:46	64802 MONE_T2	3	46	43	0.1	0.17	0.07	0	0	0	0	0	0	0	0
12/6/2023 11:47	63501 HEID_TBK1-2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/6/2023 11:47	20802 LOPO_T1	0	4	-4	0	0	0	0	0	0	0	0	0	0	0
12/6/2023 11:50	26401 INOR_T1	1	0	-1	0.1	0	-0.1	0	0	0	0	0	0	0	0
12/6/2023 11:52	67605 WARW_T1	1	0	-1	0.1	0	-0.1	0	0	0	0	0	0	0	0
12/6/2023 11:52	67001 STHI_T2	218	362	144	0.14	0.16	0.02	0	0	0	0	0	0	0	0
12/6/2023 11:52	14401 SSLA_T1	0	2	2	0	0.3	0.3	0	0	0	0	0	0	0	0
12/6/2023 11:53	67002 STHI_T2	42	63	21	0.15	0.16	0.01	0	0	0	0	0	0	0	0
12/6/2023 11:53	67602 WARW_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/6/2023 11:53	14403 SSLA_T1	1	2	1	0.5	0.2	-0.3	0	0	0	0	0	0	0	0
12/6/2023 11:55	53601 DALM_T2	0	1	1	1	0.5	0.5	0	0	1	1	0	900	900	0
12/6/2023 11:57	54504 ENOL_T2	0	1	1	0	0.2	0.2	0	0	0	0	0	0	0	0
12/6/2023 11:58	54501 ENOL_T2	0	2	2	0	0.1	0.1	0	0	2	2	0	1200	1200	0
12/6/2023 11:59	54504 ENOL_T2	0	1	1	0	0.2	0.2	0	0	0	0	0	0	0	0
12/6/2023 11:59	54504 ENOL_T2	0	1	1	0	0.2	0.2	0	0	0	0	0	0	0	0
12/6/2023 12:00	13701 SCHN_T2	2	3	1	0.1	0	-0.1	0	0	0	0	0	0	0	0
12/6/2023 12:00	54503 ENOL_T2	0	3	3	0	0	0	0	0	0	0	0	0	0	0
12/6/2023 12:01	45702 LIND_T2	1	1	0	0.4	1.1	0.7	0	0	0	0	0	0	0	0
12/6/2023 12:02	67602 WARW_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/6/2023 12:04	66901 SHIL_T2	61	82	21	0.16	0.17	0.01	0	0	1	1	0	1200	1200	0
12/6/2023 12:13	63501 HEID_TBK1-2	1	1	0	0.5	0.4	-0.1	0	0	1	1	0	900	900	0
12/6/2023 12:13	67605 WARW_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/6/2023 12:15	63501 HEID_TBK1-2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/6/2023 12:18	60502 NMAN_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/6/2023 12:20	42201 SHEN_T2	0	0	0	0	0	0	0	0	1	1	0	600	600	0
12/6/2023 12:32	46101 MACI_T2	0	0	0	0	0	0	0	0	1	1	0	1200	1200	0
12/6/2023 12:39	67604 WARW_T1	1	0	-1	3.1	0	-3.1	0	0	0	0	0	0	0	0
12/6/2023 12:40	67605 WARW_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/6/2023 12:43	50201 HARR_T3	2	2	0	4.7	4.75	0.05	0	0	1	1	0	1200	1200	0
12/6/2023 12:50	14403 SSLA_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/6/2023 12:53	14403 SSLA_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/6/2023 13:02	50103 HARR_T3	2	0	-2	0.15	0	-0.15	0	0	0	0	0	0	0	0
12/6/2023 13:13	63601 LETO_T1	0	0	0	0	0	0	0	0	1	1	0	900	900	0
12/6/2023 13:15	50105 HARR_T3	7	7	0	5.79	5.69	-0.1	0	0	0	0	0	0	0	0
12/6/2023 13:23	52403 GRPA_T2	2	5	3	1.1	2.55	1.45	0	0	0	0	0	0	0	0
12/6/2023 13:25	53601 DALM_T2	1	1	0	0.4	0.7	0.3	0	0	1	1	0	900	900	0
12/6/2023 13:32	47403 PENS_T1	1	1	0	1.2	1.7	0.5	0	0	0	0	0	0	0	0
12/6/2023 13:33	47401 PENS_T1	6	2	-4	0.13	0.3	0.17	0	0	0	0	0	0	0	0
12/6/2023 13:35	47402 PENS_T1	120	119	-1	2.51	2.17	-0.34	0	0	0	0	0	0	0	0
12/6/2023 13:44	63601 LETO_T1	0	0	0	0	0	0	0	0	1	1	0	900	900	0
12/6/2023 13:47	59003 MIFF_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/6/2023 13:57	63804 HEMP_T1	1	1	0	6.3	6	-0.3	0	0	0	0	0	0	0	0
12/6/2023 13:59	63802 HEMP_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/6/2023 14:00	63802 HEMP_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/6/2023 14:01	63803 HEMP_T1	2	7	5	0.1	0.14	0.04	0	0	0	0	0	0	0	0
12/6/2023 14:02	47402 PENS_T1	119	120	1	2.09	2.74	0.65	0	0	0	0	0	0	0	0
12/6/2023 14:03	47402 PENS_T1	119	120	1	2.09	2.74	0.65	0	0	0	0	0	0	0	0
12/6/2023 14:04	67001 STHI_T2	250	466	216	0.11	0.18	0.07	0	0	0	0	0	0	0	0
12/6/2023 14:05	47401 PENS_T1	0	4	4	0	0.18	0.18	0	0	0	0	0	0	0	0
12/6/2023 14:05	65901 SAKR_T2	1	1	0	8.8	8.9	0.1	0	0	1	1	0	900	900	0
12/6/2023 14:07	60201 ATGL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/6/2023 14:08	67002 STHI_T2	25	92	67	0.16	0.18	0.02	0	0	0	0	0	0	0	0
12/6/2023 14:09	67001 STHI_T2	250	466	216	0.11	0.18	0.07	0	0	0	0	0	0	0	0
12/6/2023 14:10	60201 ATGL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/6/2023 14:13	54505 ENOL_T2	1	3	2	1.1	1.1	0	0	0	0	0	0	0	0	0
12/6/2023 14:16	52404 GRPA_T2	0	3	3	0	0	0	0	0	0	0	0	0	0	0
12/6/2023 14:16	52401 GRPA_T2	0	3	3	0	0.3	0.3	0	0	0	0	0	0	0	0
12/6/2023 14:16	52403 GRPA_T2	2	3	1	2.95	1.83	-1.12	0	0	0	0	0	0	0	0
12/6/2023 14:17	52404 GRPA_T2	0	3	3	0	0	0	0	0	0	0	0	0	0	0
12/6/2023 14:18	55002 NEWP_T1	6	11	5	0.95	1.03	0.08	0	0	0	0	0	0	0	0
12/6/2023 14:19	64101 REFR_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/6/2023 14:19	67001 STHI_T2	454	540	86	0.18	0.24	0.06	0	0	0	0	0	0	0	0
12/6/2023 14:20	55002 NEWP_T1	6	11	5	0.95	1.03	0.08	0	0	0	0	0	0	0	0
12/6/2023 14:20	67002 STHI_T2	88	202	114	0.16	0.19	0.03	0	0	0	0	0	0	0	0
12/6/2023 14:20	67001 STHI_T2	454	540	86	0.18	0.24	0.06	0	0	0	0	0	0	0	0
12/6/2023 14:20	66903 SHIL_T2	0	1	1	0	0.3	0.3	0	0	0	0	0	0	0	0
12/6/2023 14:20	64101 REFR_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/6/2023 14:21	67001 STHI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/6/2023 14:21	64101 REFR_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/6/2023 14:21	55002 NEWP_T1	6	11	5	0.95	1.03	0.08	0	0	0	0	0	0	0	0
12/6/2023 14:21	67502 WEWI_T2	0	0	0	0	0	0	0	0	1	1	0	900	900	0
12/6/2023 14:22	44301 BEAV_T2	0	0	0	0	0	0	0	0	2	1	-1	1500	600	-900
12/6/2023 14:22	64101 REFR_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/6/2023 14:22	67502 WEWI_T2	0	0	0	0	0	0	0	0	1	1	0	900	900	0
12/6/2023 14:23	60201 ATGL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/6/2023 14:23	51306 WIND_T2	0	2	2	0	0	0	0	0	0	0	0	0	0	0
12/6/2023 14:23	46004 BERW_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/6/2023 14:24	67001 STHI_T2	454	540	86	0.18	0.24	0.06	0	0	0	0	0	0	0	0
12/6/2023 14:24	51302 WIND_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/6/2023 14:24	67503 WEWI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/6/2023 14:24	44301 BEAV_T2	0	0	0	0	0	0	0	0	2	2	0	1200	1200	0
12/6/2023 14:26	44301 BEAV_T2	0	0	0	0	0	0	0	0	1	1	0	600	600	0
12/6/2023 14:27	64101 REFR_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/6/2023 14:31	52403 GRPA_T2	3	3	0	2.1	1.55	-0.55	0	0	0	0	0	0	0	0
12/6/2023 14:33	55002 NEWP_T1	11	6	-5	1.14	0.93	-0.21	0	0	0	0	0	0	0	0
12/6/2023 14:34	67002 STHI_T2	47	275	228	0.17	0.2	0.03	0	0	0	0	0	0	0	0
12/6/2023 14:34	64802 MONE_T2	74	111	37	0.23	0.27	0.04	0	0	0	0	0	0	0	0
12/6/2023 14:34	55002 NEWP_T1	11	6	-5	1.14	0.93	-0.21	0	0	0	0	0	0	0	0
12/6/2023 14:35	67002 STHI_T2	47	275	228	0.17	0.2	0.03	0	0	0	0	0	0	0	0
12/6/2023 14:35	43304 WATS_T2	1	0	-1	3.3	0	-3.3	0	0	0	0	0	0	0	0
12/6/2023 14:36	67001 STHI_T2	357	598	241	0.15	0.28	0.13	0	0	0	0	0	0	0	0
12/6/2023 14:36	67503 WEWI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/6/2023 14:36	60201 ATGL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/6/2023 14:36	55001 NEWP_T1	0	1	1	0	0	0	0	0	0	0	0	0	0	0
12/6/2023 14:37	56802 BENV_T2	2	24	22	0.55	0.15	-0.4	0	0	0	0	0	0	0	0
12/6/2023 14:37	49803 UNIV_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/6/2023 14:37	67503 WEWI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/6/2023 14:37	60201 ATGL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/6/2023 14:37	43304 WATS_T2	1	0	-1	3.3	0	-3.3	0	0	0	0	0	0	0	0
12/6/2023 14:38	67502 WEWI_T2	0	1	1	0	0.1	0.1	0	0	1	1	0	900	900	0
12/6/2023 14:38	53601 DALM_T2	1	1	0	0.7	0.9	0.2	0	0	1	1	0	900	900	0
12/6/2023 14:39	46004 BERW_T2	0	2	2	0	0	0	0	0	0	0	0	0	0	0
12/6/2023 14:39	43304 WATS_T2	1	0	-1	3.3	0	-3.3	0	0	0	0	0	0	0	0
12/6/2023 14:40	67503 WEWI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/6/2023 14:40	67502 WEWI_T2	0	1	1	0	0.1	0.1	0	0	1	1	0	900	900	0
12/6/2023 14:41	67502 WEWI_T2	0	1	1	0	0.1	0.1	0	0	0	0	0	0	0	0
12/6/2023 14:42	56802 BENV_T2	2	24	22	0.55	0.15	-0.4	0	0	0	0	0	0	0	0
12/6/2023 14:43	56802 BENV_T2	2	24	22	0.55	0.15	-0.4	0	0	0	0	0	0	0	0
12/6/2023 14:44	54504 ENOL_T2	0	0	0	0	0	0	0	0	1	1	0	600	600	0
12/6/2023 14:44	61301 EARL_T1	0	0	0	0	0	0	0	0	1	1	0	900	900	0
12/6/2023 14:46	64702 LITI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/6/2023 14:47	60502 NMAN_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/6/2023 14:47	52403 GRPA_T2	3	2	-1	1.97	1	-0.97	0	0	0	0	0	0	0	0
12/6/2023 14:47	64902 MILL_T2	0	0	0	0	0	0	0	0	1	1	0	900	900	0
12/6/2023 14:48	51003 NHAR_T1	3	71	68	0.2	0.23	0.03	0	0	0	0	0	0	0	0
12/6/2023 14:49	64801 MONE_T2	35	36	1	0.22	0.24	0.02	0	0	0	0	0	0	0	0
12/6/2023 14:49	64101 REFR_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/6/2023 14:49	55002 NEWP_T1	6	5	-1	0.87	1.1	0.23	0	0	0	0	0	0	0	0
12/6/2023 14:50	58402 MORO_T1	0	0	0	0	0	0	0	0	2	2	0	1500	1500	0
12/6/2023 14:50	55001 NEWP_T1	0	1	1	0	0	0	0	0	0	0	0	0	0	0
12/6/2023 14:50	64801 MONE_T2	35	36	1	0.22	0.24	0.02	0	0	0	0	0	0	0	0
12/6/2023 14:51	66902 SHIL_T2	106	132	26	0.13	0.15	0.02	0	0	0	0	0	0	0	0
12/6/2023 14:53	43301 WATS_T2	0	0	0	0	0	0	0	0	1	1	0	900	900	0
12/6/2023 14:54	43301 WATS_T2	0	0	0	0	0	0	0	0	1	1	0	900	900	0
12/6/2023 14:54	60201 ATGL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/6/2023 14:56	54502 ENOL_T2	0	1	1	0	0.5	0.5	0	0	0	0	0	0	0	0
12/6/2023 14:56	43302 WATS_T2	0	4	4	0	0.15	0.15	0	0	0	0	0	0	0	0
12/6/2023 14:58	52401 GRPA_T2	1	1	0	0.3	0.2	-0.1	0	0	0	0	0	0	0	0
12/6/2023 15:00	41802 GOCI_T2	0	1	1	0	0.1	0.1	0	0	0	0	0	0	0	0
12/6/2023 15:00	54501 ENOL_T2	4	4	0	0.15	0.18	0.03	0	0	1	1	0	600	600	0
12/6/2023 15:02	65701 RVIL_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/6/2023 15:02	64101 REFR_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/6/2023 15:03	64101 REFR_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/6/2023 15:03	65701 RVIL_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/6/2023 15:04	65701 RVIL_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/6/2023 15:04	64101 REFR_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/6/2023 15:05	48302 ORWI_T2	2	2	0	0.55	0.9	0.35	0	0	0	0	0	0	0	0
12/6/2023 15:05	65701 RVIL_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/6/2023 15:06	24902 WHHA_T1	1	0	-1	0.7	0	-0.7	0	0	0	0	0	0	0	0
12/6/2023 15:06	65701 RVIL_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/6/2023 15:07	56504 ROCK_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/6/2023 15:07	24902 WHHA_T1	1	0	-1	0.7	0	-0.7	0	0	0	0	0	0	0	0
12/6/2023 15:10	61303 EARL_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/6/2023 15:10	10805 CHHI_T2	10	10	0	1.8	1.61	-0.19	0	0	1	1	0	600	600	0
12/6/2023 15:10	67901 WNHO_T2	0	1	1	0	0.2	0.2	0	0	1	1	0	900	900	0
12/6/2023 15:10	44301 BEAV_T2	0	0	0	0	0	0	0	0	1	1	0	600	600	0
12/6/2023 15:11	10805 CHHI_T2	10	10	0	1.8	1.61	-0.19	0	0	1	1	0	600	600	0
12/6/2023 15:11	61303 EARL_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/6/2023 15:16	45702 LIND_T2	1	1	0	1.7	1.6	-0.1	0	0	0	0	0	0	0	0
12/6/2023 15:17	47403 PENS_T1	1	1	0	1.6	1.6	0	0	0	0	0	0	0	0	0
12/6/2023 15:17	43202 MVIL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/6/2023 15:18	47403 PENS_T1	1	1	0	1.6	1.6	0	0	0	0	0	0	0	0	0
12/6/2023 15:19	43202 MVIL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/6/2023 15:20	47401 PENS_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/6/2023 15:23	42201 SHEN_T2	0	0	0	0	0	0	0	0	1	1	0	600	600	0
12/6/2023 15:23	67103 SPRI_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/6/2023 15:25	67103 SPRI_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/6/2023 15:26	52403 GRPA_T2	1	1	0	1	0.8	-0.2	0	0	0	0	0	0	0	0
12/6/2023 15:28	47002 HUGH_T2	2	0	-2	0.15	0	-0.15	0	0	0	0	0	0	0	0
12/6/2023 15:31	47001 HUGH_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/6/2023 15:43	23401 HONE_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/6/2023 15:46	52404 GRPA_T2	1	1	0	0.1	0.1	0	0	0	0	0	0	0	0	0
12/6/2023 15:47	65003 NEFF_T2	0	3	3	0	0.13	0.13	0	0	0	0	0	0	0	0
12/6/2023 15:50	42201 SHEN_T2	0	0	0	0	0	0	0	0	1	1	0	600	600	0
12/6/2023 15:51	64305 LINC_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/6/2023 15:51	49803 UNIV_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/6/2023 15:52	64101 REFR_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/6/2023 16:04	57403 SPAN_T1	8	9	1	0.19	0.17	-0.02	0	0	0	0	0	0	0	0
12/6/2023 16:05	57403 SPAN_T1	8	9	1	0.19	0.17	-0.02	0	0	0	0	0	0	0	0
12/6/2023 16:05	65901 SAKR_T2	1	1	0	8.8	9	0.2	0	0	1	1	0	900	900	0
12/6/2023 16:06	49803 UNIV_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/6/2023 16:08	42701 AUGU_T1	0	0	0	0	0	0	0	0	1	1	0	600	600	0
12/6/2023 16:09	42701 AUGU_T1	0	0	0	0	0	0	0	0	1	1	0	600	600	0
12/6/2023 16:10	42701 AUGU_T1	0	0	0	0	0	0	0	0	2	1	-1	1200	600	-600
12/6/2023 16:11	45501 DERR_T2	2	1	-1	0.25	0.2	-0.05	0	0	0	0	0	0	0	0
12/6/2023 16:14	42701 AUGU_T1	0	0	0	0	0	0	0	0	2	2	0	1200	1200	0
12/6/2023 16:22	49803 UNIV_T1	0	0	0	0	0	0	0	0	0	0	0	0

12/6/2023 18:36	64702 LITI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/6/2023 18:36	53501 EVIL_T2	1	1	0	0.1	0.1	0	0	0	1	1	0	600	600	0
12/6/2023 18:37	17805 GILB_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/6/2023 18:37	67002 STHI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/6/2023 18:37	40505 CRES_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/6/2023 18:37	56603 HAMP_T1	1	2	1	1.8	0	-1.8	0	0	0	0	0	0	0	0
12/6/2023 18:37	17802 GILB_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/6/2023 18:37	43302 WATS_T2	4	4	0	0.38	0.28	-0.1	0	0	0	0	0	0	0	0
12/6/2023 18:37	47402 PENS_T1	100	106	6	1.08	1.09	0.01	0	0	0	0	0	0	0	0
12/6/2023 18:37	63802 HEMP_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/6/2023 18:37	20801 LOPO_T1	0	1	1	0	0	0	0	0	0	0	0	0	0	0
12/6/2023 18:37	23401 HONE_T2	0	3	3	0	0.25	0.25	0	0	0	0	0	0	0	0
12/6/2023 18:38	43304 WATS_T2	9	5	-4	0.54	0.2	-0.34	0	0	0	0	0	0	0	0
12/6/2023 18:38	65701 RVIL_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/6/2023 18:38	54501 ENOL_T2	0	1	1	0	0	0	0	0	0	0	0	0	0	0
12/6/2023 18:38	66503 SMAN_T2	2	6	4	0.1	0.17	0.07	0	0	0	0	0	0	0	0
12/6/2023 18:38	56802 BENV_T2	4	10	6	0.3	0.28	-0.02	0	0	0	0	0	0	0	0
12/6/2023 18:38	40502 CRES_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/6/2023 18:38	67503 WEWI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/6/2023 18:38	42201 SHEN_T2	0	0	0	0	0	0	0	0	1	1	0	600	600	0
12/6/2023 18:38	53501 EVIL_T2	1	1	0	0.1	0.1	0	0	0	1	1	0	600	600	0
12/6/2023 18:38	64101 REFR_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/6/2023 18:38	67602 WARW_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/6/2023 18:38	43402 BENT_T1	1	3	2	0.1	0	-0.1	0	0	2	1	-1	1500	900	-600
12/6/2023 18:39	67502 WEWI_T2	0	0	0	0	0	0	0	0	1	1	0	900	900	0
12/6/2023 18:39	43302 WATS_T2	4	4	0	0.38	0.28	-0.1	0	0	0	0	0	0	0	0
12/6/2023 18:39	67602 WARW_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/6/2023 18:39	43402 BENT_T1	1	3	2	0.1	0	-0.1	0	0	2	1	-1	1500	900	-600
12/6/2023 18:39	44904 SCOT_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/6/2023 18:39	47401 PENS_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/6/2023 18:39	53601 DALM_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/6/2023 18:39	16402 MOPO_T1	4	0	-4	0.4	0	-0.4	0	0	0	0	0	0	0	0
12/6/2023 18:40	67103 SPRI_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/6/2023 18:40	45502 DERR_T2	0	1	1	0	0.3	0.3	0	0	0	0	0	0	0	0
12/6/2023 18:40	65701 RVIL_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/6/2023 18:40	47402 PENS_T1	100	106	6	1.08	1.09	0.01	0	0	0	0	0	0	0	0
12/6/2023 18:40	48302 ORWI_T2	1	2	1	0.2	0.15	-0.05	0	0	0	0	0	0	0	0
12/6/2023 18:40	54501 ENOL_T2	0	1	1	0	0	0	0	0	0	0	0	0	0	0
12/6/2023 18:40	45702 LIND_T2	1	1	0	1.2	1.2	0	0	0	0	0	0	0	0	0
12/6/2023 18:40	46101 MACI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/6/2023 18:40	61303 EARL_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/6/2023 18:40	53903 HALI_T2	2	2	0	0.45	0.7	0.25	0	0	0	0	0	0	0	0
12/6/2023 18:40	13901 SEID_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/6/2023 18:40	16302 ALPA_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/6/2023 18:40	44301 BEAV_T2	0	0	0	0	0	0	0	0	1	1	0	600	600	0
12/6/2023 18:40	43402 BENT_T1	1	3	2	0.1	0	-0.1	0	0	2	1	-1	1500	900	-600
12/6/2023 18:40	63601 LETO_T1	0	0	0	0	0	0	0	0	1	1	0	900	900	0
12/6/2023 18:40	60803 BUCK_T1	0	1	1	0	0	0	0	0	1	1	0	600	600	0
12/6/2023 18:40	55002 NEWP_T1	6	6	0	0.72	0.82	0.1	0	0	0	0	0	0	0	0
12/6/2023 18:40	62604 ENGL_T1	0	0	0	0	0	0	0	0	2	2	0	1200	1200	0
12/6/2023 18:40	45802 HEGI_T2	1	0	-1	0.3	0	-0.3	0	0	0	0	0	0	0	0
12/6/2023 18:40	43304 WATS_T2	9	5	-4	0.54	0.2	-0.34	0	0	0	0	0	0	0	0
12/6/2023 18:40	67502 WEWI_T2	0	0	0	0	0	0	0	0	1	1	0	900	900	0
12/6/2023 18:40	61303 EARL_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/6/2023 18:41	60801 BUCK_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/6/2023 18:41	42701 AUGU_T1	13	11	-2	0.4	0.62	0.22	0	0	1	1	0	600	600	0
12/6/2023 18:41	59102 WALK_T2	0	1	1	0	0.1	0.1	0	0	0	0	0	0	0	0
12/6/2023 18:41	54503 ENOL_T2	0	1	1	0	0	0	0	0	0	0	0	0	0	0
12/6/2023 18:41	54503 ENOL_T2	0	1	1	0	0	0	0	0	0	0	0	0	0	0
12/6/2023 18:41	57401 SPAN_T1	0	0	0	0	0	0	0	0	1	1	0	600	600	0
12/6/2023 18:41	40602 PIGR_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/6/2023 18:41	10805 CHHI_T2	7	7	0	2.26	2	-0.26	0	0	1	1	0	600	600	0
12/6/2023 18:41	67001 STHI_T2	0	1	1	0	0.1	0.1	0	0	0	0	0	0	0	0
12/6/2023 18:41	67203 TEHI_T1	1	0	-1	0.4	0	-0.4	0	0	2	2	0	1500	1500	0
12/6/2023 18:41	41901 REED_T1	9	10	1	0.64	0.59	-0.05	0	0	0	0	0	0	0	0
12/6/2023 18:41	20403 ASHF_T2	2	0	-2	0.55	0	-0.55	0	0	0	0	0	0	0	0
12/6/2023 18:41	43001 ALWD_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/6/2023 18:41	40101 HUNT_T2	344	450	106	1.06	1.12	0.06	0	0	0	0	0	0	0	0
12/6/2023 18:41	43402 BENT_T1	1	3	2	0.1	0	-0.1	0	0	2	1	-1	1500	900	-600
12/6/2023 18:41	57403 SPAN_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/6/2023 18:41	40502 CRES_T2	4	0	-4	0.18	0	-0.18	0	0	0	0	0	0	0	0
12/6/2023 18:42	43304 WATS_T2	9	5	-4	0.54	0.2	-0.34	0	0	0	0	0	0	0	0
12/6/2023 18:42	29402 BELT_T1	1	1	0	6.8	6.6	-0.2	0	0	0	0	0	0	0	0
12/6/2023 18:42	54503 ENOL_T2	0	1	1	0	0	0	0	0	0	0	0	0	0	0
12/6/2023 18:42	40601 PIGR_T1	2	0	-2	0.1	0	-0.1	0	0	0	0	0	0	0	0
12/6/2023 18:42	24902 WHHA_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/6/2023 18:42	67002 STHI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/6/2023 18:42	57401 SPAN_T1	0	0	0	0	0	0	0	0	1	1	0	600	600	0
12/6/2023 18:42	45302 WBER_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/6/2023 18:42	14403 SSLA_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/6/2023 18:42	56801 BENV_T1	7	10	3	0.5	0.55	0.05	0	0	1	1	0	600	600	0
12/6/2023 18:42	43402 BENT_T1	1	3	2	0.1	0	-0.1	0	0	2	1	-1	1500	900	-600
12/6/2023 18:43	45502 DERR_T2	0	1	1	0	0.3	0.3	0	0	0	0	0	0	0	0
12/6/2023 18:43	11104 EGYP_T1	9	6	-3	0.46	0.2	-0.26	0	0	0	0	0	0	0	0
12/6/2023 18:43	40101 HUNT_T2	344	450	106	1.06	1.12	0.06	0	0	0	0	0	0	0	0
12/6/2023 18:43	60201 ATGL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/6/2023 18:43	58401 MORO_T1	1	1	0	0.1	0	-0.1	0	0	0	0	0	0	0	0
12/6/2023 18:43	56802 BENV_T2	4	10	6	0.3	0.28	-0.02	0	0	0	0	0	0	0	0
12/6/2023 18:43	45001 LIME_2	2	5	3	1.1	1.05	-0.05	0	0	0	0	0	0	0	0
12/6/2023 18:43	40502 CRES_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/6/2023 18:43	43302 WATS_T2	4	4	0	0.38	0.28	-0.1	0	0	0	0	0	0	0	0
12/6/2023 18:43	55002 NEWP_T1	6	6	0	0.72	0.82	0.1	0	0	0	0	0	0	0	0
12/6/2023 18:43	67103 SPRI_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/6/2023 18:43	67503 WEWI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/6/2023 18:43	52403 GRPA_T2	0	1	1	0	0.1	0.1	0	0	0	0	0	0	0	0
12/6/2023 18:43	59301 MCAL_T1	2	2	0	0.35	0.8	0.45	0	0	0	0	0	0	0	0
12/6/2023 18:43	42701 AUGU_T1	13	11	-2	0.4	0.62	0.22	0	0	1	1	0	600	600	0
12/6/2023 18:43	45501 DERR_T2	3	3	0	0.53	0.2	-0.33	0	0	2	2	0	1800	1800	0
12/6/2023 18:43	60502 NMAN_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/6/2023 18:43	42201 SHEN_T2	0	0	0	0	0	0	0	0	1	1	0	600	600	0
12/6/2023 18:43	43402 BENT_T1	1	3	2	0.1	0	-0.1	0	0	2	1	-1	1500	900	-600
12/6/2023 18:43	65701 RVIL_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/6/2023 18:44	52404 GRPA_T2	0	1	1	0	0.1	0.1	0	0	0	0	0	0	0	0
12/6/2023 18:44	56503 ROCK_T2	1	0	-1	1.2	0	-1.2	0	0	0	0	0	0	0	0
12/6/2023 18:44	43304 WATS_T2	9	5	-4	0.54	0.2	-0.34	0	0	0	0	0	0	0	0
12/6/2023 18:44	56802 BENV_T2	4	10	6	0.3	0.28	-0.02	0	0	0	0	0	0	0	0
12/6/2023 18:44	65701 RVIL_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/6/2023 18:44	16302 ALPA_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/6/2023 18:44	45802 HEGI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/6/2023 18:44	52403 GRPA_T2	0	1	1	0	0.1	0.1	0	0	0	0	0	0	0	0
12/6/2023 18:44	53501 EVIL_T2	1	1	0	0.1	0.1	0	0	0	1	1	0	600	600	0
12/6/2023 18:44	57401 SPAN_T1	0	0	0	0	0	0	0	0	2	2	0	1200	1200	0
12/6/2023 18:44	40101 HUNT_T2	344	450	106	1.06	1.12	0.06	0	0	0	0	0	0	0	0
12/6/2023 18:44	60201 ATGL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/6/2023 18:44	55002 NEWP_T1	6	6	0	0.72	0.82	0.1	0	0	0	0	0	0	0	0
12/6/2023 18:44	43402 BENT_T1	1	3	2	0.1	0	-0.1	0	0	2	1	-1	1500	900	-600
12/6/2023 18:44	43202 MVIL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/6/2023 18:45	43302 WATS_T2	4	4	0	0.28	0.35	0.07	0	0	0	0	0	0	0	0
12/6/2023 18:45	40505 CRES_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/6/2023 18:45	64801 MONE_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/6/2023 18:45	46003 BERW_T2	4	5	1	0.13	0.14	0.01	0	0	0	0	0	0	0	0
12/6/2023 18:45	40502 CRES_T2	0	7	7	0	0.17	0.17	0	0	0	0	0	0	0	0
12/6/2023 18:45	43402 BENT_T1	0	3	3	0	0	0	0	0	2	1	-1	1500	900	-600
12/6/2023 18:45	64101 REFR_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/6/2023 18:45	55002 NEWP_T1	6	5	-1	0.77	0.9	0.13	0	0	0	0	0	0	0	0
12/6/2023 18:46	16302 ALPA_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/6/2023 18:46	56802 BENV_T2	10	3	-7	0.28	0.33	0.05	0	0	0	0	0	0	0	0
12/6/2023 18:46	10805 CHHI_T2	7	7	0	2.49	1.74	-0.75	0	0	1	1	0	600	600	0
12/6/2023 18:46	67401 WAKE_T2	14	36	22	0.19	0.24	0.05	0	0	0	0	0	0	0	0
12/6/2023 18:46	42701 AUGU_T1	11	6	-5	0.52	0.23	-0.29	0	0	1	2	1	600	1200	600
12/6/2023 18:46	40502 CRES_T2	0	7	7	0	0.17	0.17	0	0	0	0	0	0	0	0
12/6/2023 18:46	60803 BUCK_T1	0	1	1	0	0	0	0	0	0	1	0	600	600	0
12/6/2023 18:46	43001 ALWD_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/6/2023 18:46	44301 BEAV_T2	0	1	1	0	0	0	0	0	2	2	0	1200	1200	0
12/6/2023 18:46	45402 WILD_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/6/2023 18:46	43304 WATS_T2	5	2	-3	0.3	0	-0.3	0	0	0	0	0	0	0	0
12/6/2023 18:46	61303 EARL_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/6/2023 18:46	52403 GRPA_T2	1	4	3	0.1	0.1	0	0	0	0	0	0	0	0	0
12/6/2023 18:46	43201 MVIL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/6/2023 18:46	64802 MONE_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/6/2023 18:46	40505 CRES_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/6/2023 18:46	43402 BENT_T1	0	3	3	0	0	0	0	0	2	1	-1	1500	900	-600
12/6/2023 18:46	59003 MIFF_T1	1	0	-1	0.1	0	-0.1	0	0	0	0	0	0	0	0
12/6/2023 18:46	65701 RVIL_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/6/2023 18:46	55002 NEWP_T1	6	5	-1	0.77	0.9	0.13	0	0	0	0	0	0	0	0
12/6/2023 18:47	52501 PROG_T1	0	0	0	0	0	0	0	0	1	1	0	300	300	0
12/6/2023 18:47	56802 BENV_T2	10	3	-7	0.28	0.33	0.05	0	0	0	0	0	0	0	0
12/6/2023 18:47	41801 GOCI_T2	1	2	1	0.6	0.5	-0.1	0	0	0	0	0	0	0	0
12/6/2023 18:47	43402 BENT_T1	0	3	3	0	0	0	0	0	2	1	-1	1500	900	-600
12/6/2023 18:47	65701 RVIL_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/6/2023 18:47	61801 EEU_T2	0	0	0	0	0	0	0	0	2	2	0	1200	1200	0
12/6/2023 18:47	42701 AUGU_T1	11	6	-5	0.52	0.23	-0.29	0	0	1	1	0	600	600	0
12/6/2023 18:47	40502 CRES_T2	0	7	7	0	0.17	0.17	0	0	0	0	0	0	0	0
12/6/2023 18:47	47001 HUGH_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/6/2023 18:47	53501 EVIL_T2	1	0	-1	0.1	0	-0.1	0	0	2	2	0	1200	1200	0
12/6/2023 18:47	11104 EGYP_T1	4	6	2	0.25	0.15	-0.1	0	0	0	0	0	0	0	0
12/6/2023 18:48	10801 CHHI_T1	0	0	0	0	0	0	0	0	3	3	0	2100	2100	0
12/6/2023 18:48	46801 HEPB_T2	0	2	2	0	0.2	0.2	0	0	0	0	0	0	0	0
12/6/2023 18:48	62604 ENGL_T1	0	0	0	0	0	0	0	0	2	2	0	1200	1200	0
12/6/2023 18:48	29402 BELT_T1	1	1	0	6.6	6.9	0.3	0	0	0	0	0	0	0	0
12/6/2023 18:48	64101 REFR_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/6/2023 18:48	40603 PIGR_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/6/2023 18:48	43202 MVIL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/6/2023 18:48	40101 HUNT_T2	425	406	-19	1.23	0.9	-0.33	0	0	0	0	0	0	0	0
12/6/2023 18:48	40502 CRES_T2	0	7	7	0	0.17	0.17	0	0	0	0	0	0	0	0
12/6/2023 18:48	57403 SPAN_T1	0	1	1	0	0	0	0	0	0	0	0	0	0	0
12/6/2023 18:48	59101 WALK_T2	1	1	0	0	0	0	0	0	2	2	0	900	900	0
12/6/2023 18:48	17804 GILB_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/6/2023 18:48	56802 BENV_T2	10	3	-7	0.28	0.33	0.05	0	0	0	0	0	0	0	0
12/6/2023 18:48	42701 AUGU_T1	11	6	-5	0.52	0.23	-0.29	0	0	1	1	0	600	600	0
12/6/2023 18:48	56504 ROCK_T2	1	1	0	0.4	0.3	-0.1	0	0	0	0	0	0	0	0
12/6/2023 18:48	43402 BENT_T1	0	3	3	0	0	0	0	0	2	1	-1	1500	900	-600
12/6/2023 18:48	63802 HEMP_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/6/2023 18:48	40201 BEGA_T2	2	2	0	0.5	0.9	0.4	0	0	0	0	0	0	0	0
12/6/2023 18:49	43302 WATS_T2	4	4	0	0.28	0.35	0.07	0	0	0	0	0	0	0	0
12/6/2023 18:49	40502 CRES_T2	0	7	7	0	0.17	0.17	0	0	0	0	0	0	0	0
12/6/2023 18:49	57401 SPAN_T1	0	0	0	0	0	0	0	0	1	1	0	600	600	0
12/6/2023 18:49	43402 BENT_T1	0	3	3	0	0	0	0	0	2	1	-1	1500	900	-600
12/6/2023 18:49	52404 GRPA_T2	1	0	-1	0.1	0	-0.1	0	0	0	0	0	0	0	0
12/6/2023 18:49	44301 BEAV_T2	0	1	1	0	0	0	0	0	1	1	0	600	600	0
12/6/2023 18:49	53903 HALI_T2	2	2	0	0.7	0.6	-0.1	0	0	0	0	0	0	0	0
12/6/2023 18:49	63804 HEMP_T1	1	1	0	6.2	6	-0.2	0	0	0	0	0	0	0	0
12/6/2023 18:49	13704 SCHN_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/6/2023 18:49	57403 SPAN_T1	0	1	1	0	0	0	0	0	0	0	0	0	0	0
12/6/2023 18:49	59101 WALK

12/6/2023 18:52	63501 HEID_TBK1-2	0	11	11	0	0.14	0.14	0	0	1	1	0	900	900	0
12/6/2023 18:52	59102 WALK_T2	1	0	-1	0.1	0	-0.1	0	0	0	0	0	0	0	0
12/6/2023 18:52	56504 ROCK_T2	1	1	0	0.4	0.3	-0.1	0	0	0	0	0	0	0	0
12/6/2023 18:53	55105 WERT_T1	0	0	0	0	0	0	0	0	1	1	0	900	900	0
12/6/2023 18:53	56801 BENV_T1	9	8	-1	0.4	0.58	0.18	0	0	1	1	0	600	600	0
12/6/2023 18:53	45302 WBER_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/6/2023 18:53	43402 BENT_T1	0	3	3	0	0	0	0	0	1	2	1	900	1500	600
12/6/2023 18:54	43402 BENT_T1	0	3	3	0	0	0	0	0	1	2	1	900	1500	600
12/6/2023 18:54	63501 HEID_TBK1-2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/6/2023 18:54	12701 MACU_T1	0	0	0	0	0	0	0	0	1	1	0	1200	1200	0
12/6/2023 18:55	52404 GRPA_T2	1	0	-1	0.1	0	-0.1	0	0	0	0	0	0	0	0
12/6/2023 18:55	43402 BENT_T1	0	3	3	0	0	0	0	0	1	2	1	900	1500	600
12/6/2023 18:56	43402 BENT_T1	0	3	3	0	0	0	0	0	1	2	1	900	1500	600
12/6/2023 18:56	67605 WARW_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/6/2023 18:56	58402 MORO_T1	0	1	1	0	0	0	0	0	0	0	0	0	0	0
12/6/2023 18:56	40505 CRES_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/6/2023 18:57	43402 BENT_T1	0	3	3	0	0	0	0	0	1	2	1	900	1500	600
12/6/2023 18:57	67605 WARW_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/6/2023 18:58	67605 WARW_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/6/2023 18:58	43402 BENT_T1	0	3	3	0	0	0	0	0	1	2	1	900	1500	600
12/6/2023 18:59	67605 WARW_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/6/2023 18:59	43402 BENT_T1	0	3	3	0	0	0	0	0	1	2	1	900	1500	600
12/6/2023 19:00	43402 BENT_T1	3	0	-3	0.7	0	-0.7	0	0	1	2	1	900	1500	600
12/6/2023 19:00	67605 WARW_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/6/2023 19:01	67605 WARW_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/6/2023 19:01	43402 BENT_T1	3	0	-3	0.7	0	-0.7	0	0	1	2	1	900	1500	600
12/6/2023 19:01	57403 SPAN_T1	0	2	2	0	0	0	0	0	0	0	0	0	0	0
12/6/2023 19:01	64305 LINC_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/6/2023 19:02	43402 BENT_T1	3	0	-3	0.7	0	-0.7	0	0	1	2	1	900	1500	600
12/6/2023 19:02	67605 WARW_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/6/2023 19:03	67605 WARW_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/6/2023 19:03	43402 BENT_T1	3	0	-3	0.7	0	-0.7	0	0	1	2	1	900	1500	600
12/6/2023 19:04	43402 BENT_T1	3	0	-3	0.7	0	-0.7	0	0	1	2	1	900	1500	600
12/6/2023 19:04	67605 WARW_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/6/2023 19:05	43402 BENT_T1	3	0	-3	0.7	0	-0.7	0	0	1	2	1	900	1500	600
12/6/2023 19:05	67605 WARW_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/6/2023 19:06	43402 BENT_T1	3	0	-3	0.7	0	-0.7	0	0	1	2	1	900	1500	600
12/6/2023 19:06	67605 WARW_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/6/2023 19:07	43402 BENT_T1	3	0	-3	0.7	0	-0.7	0	0	1	2	1	900	1500	600
12/6/2023 19:07	67605 WARW_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/6/2023 19:08	43402 BENT_T1	3	0	-3	0.7	0	-0.7	0	0	2	1	-1	1500	900	-600
12/6/2023 19:08	64101 REFR_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/6/2023 19:08	67605 WARW_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/6/2023 19:09	43402 BENT_T1	3	0	-3	0.7	0	-0.7	0	0	2	1	-1	1500	900	-600
12/6/2023 19:09	67605 WARW_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/6/2023 19:10	43402 BENT_T1	3	0	-3	0.7	0	-0.7	0	0	2	1	-1	1500	900	-600
12/6/2023 19:10	67605 WARW_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/6/2023 19:11	67605 WARW_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/6/2023 19:11	43402 BENT_T1	3	0	-3	0.7	0	-0.7	0	0	2	1	-1	1500	900	-600
12/6/2023 19:12	43402 BENT_T1	3	0	-3	0.7	0	-0.7	0	0	2	1	-1	1500	900	-600
12/6/2023 19:12	67605 WARW_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/6/2023 19:13	67605 WARW_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/6/2023 19:13	43402 BENT_T1	3	0	-3	0.7	0	-0.7	0	0	2	1	-1	1500	900	-600
12/6/2023 19:14	67605 WARW_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/6/2023 19:14	43402 BENT_T1	3	0	-3	0.7	0	-0.7	0	0	2	1	-1	1500	900	-600
12/6/2023 19:15	67605 WARW_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/6/2023 19:15	43402 BENT_T1	3	0	0	0	0	0	0	0	2	1	-1	1500	900	-600
12/6/2023 19:16	43402 BENT_T1	0	0	0	0	0	0	0	0	2	1	-1	1500	900	-600
12/6/2023 19:16	67605 WARW_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/6/2023 19:16	40101 HUNT_T2	356	381	25	0.88	0.82	-0.06	0	0	0	0	0	0	0	0
12/6/2023 19:17	43402 BENT_T1	0	0	0	0	0	0	0	0	2	1	-1	1500	900	-600
12/6/2023 19:18	43402 BENT_T1	0	0	0	0	0	0	0	0	2	1	-1	1500	900	-600
12/6/2023 19:20	64101 REFR_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/6/2023 19:29	67605 WARW_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/6/2023 19:29	43402 BENT_T1	0	0	0	0	0	0	0	0	1	2	1	900	1500	600
12/6/2023 19:30	67605 WARW_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/6/2023 19:30	43402 BENT_T1	0	0	0	0	0	0	0	0	1	2	1	900	1500	600
12/6/2023 19:31	43402 BENT_T1	0	0	0	0	0	0	0	0	1	2	1	900	1500	600
12/6/2023 19:31	67605 WARW_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/6/2023 19:32	10805 CHHL_T2	7	7	0	2.23	2.56	0.33	0	0	1	1	0	600	600	0
12/6/2023 19:32	43402 BENT_T1	0	0	0	0	0	0	0	0	1	2	1	900	1500	600
12/6/2023 19:32	67605 WARW_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/6/2023 19:33	43402 BENT_T1	0	0	0	0	0	0	0	0	1	2	1	900	1500	600
12/6/2023 19:33	67605 WARW_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/6/2023 19:34	43402 BENT_T1	0	0	0	0	0	0	0	0	1	2	1	900	1500	600
12/6/2023 19:34	67605 WARW_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/6/2023 19:35	67605 WARW_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/6/2023 19:35	43402 BENT_T1	0	0	0	0	0	0	0	0	1	2	1	900	1500	600
12/6/2023 19:36	67605 WARW_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/6/2023 19:36	43402 BENT_T1	0	0	0	0	0	0	0	0	1	2	1	900	1500	600
12/6/2023 19:37	67605 WARW_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/6/2023 19:37	43402 BENT_T1	0	0	0	0	0	0	0	0	1	2	1	900	1500	600
12/6/2023 19:38	65001 NEFF_T2	0	0	0	0	0	0	0	0	1	1	0	1200	1200	0
12/6/2023 19:38	43402 BENT_T1	0	0	0	0	0	0	0	0	2	2	0	1500	1500	0
12/6/2023 19:38	67605 WARW_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/6/2023 19:39	67605 WARW_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/6/2023 19:39	43402 BENT_T1	0	0	0	0	0	0	0	0	2	2	0	1500	1500	0
12/6/2023 19:40	43402 BENT_T1	0	0	0	0	0	0	0	0	2	2	0	1500	1500	0
12/6/2023 19:40	67605 WARW_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/6/2023 19:41	43402 BENT_T1	0	0	0	0	0	0	0	0	2	2	0	1500	1500	0
12/6/2023 19:41	67605 WARW_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/6/2023 19:42	43402 BENT_T1	0	0	0	0	0	0	0	0	2	2	0	1500	1500	0
12/6/2023 19:42	67605 WARW_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/6/2023 19:43	67605 WARW_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/6/2023 19:43	43402 BENT_T1	0	0	0	0	0	0	0	0	2	2	0	1500	1500	0
12/6/2023 19:44	67605 WARW_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/6/2023 19:44	43402 BENT_T1	0	0	0	0	0	0	0	0	2	2	0	1500	1500	0
12/6/2023 19:45	43402 BENT_T1	0	0	0	0	0	0	0	0	2	2	0	1500	1500	0
12/6/2023 19:45	67605 WARW_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/6/2023 19:46	67605 WARW_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/6/2023 19:46	43402 BENT_T1	0	0	0	0	0	0	0	0	2	2	0	1500	1500	0
12/6/2023 19:47	43402 BENT_T1	0	0	0	0	0	0	0	0	2	2	0	1500	1500	0
12/6/2023 19:47	67605 WARW_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/6/2023 19:48	43402 BENT_T1	0	0	0	0	0	0	0	0	2	2	0	1500	1500	0
12/6/2023 19:48	67605 WARW_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/6/2023 19:49	67605 WARW_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/6/2023 19:49	43402 BENT_T1	0	0	0	0	0	0	0	0	2	2	0	1500	1500	0
12/6/2023 19:50	67605 WARW_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/6/2023 19:50	43402 BENT_T1	0	0	0	0	0	0	0	0	2	2	0	1500	1500	0
12/6/2023 19:51	67605 WARW_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/6/2023 19:51	43402 BENT_T1	0	0	0	0	0	0	0	0	2	2	0	1500	1500	0
12/6/2023 19:52	43402 BENT_T1	0	0	0	0	0	0	0	0	2	2	0	1500	1500	0
12/6/2023 19:52	43302 WATS_T2	4	4	0	0.33	0.58	0.25	0	0	0	0	0	0	0	0
12/6/2023 19:52	67605 WARW_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/6/2023 19:53	67605 WARW_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/6/2023 19:53	43402 BENT_T1	0	0	0	0	0	0	0	0	2	1	-1	1500	900	-600
12/6/2023 19:54	43402 BENT_T1	0	0	0	0	0	0	0	0	2	1	-1	1500	900	-600
12/6/2023 19:54	67605 WARW_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/6/2023 19:55	43402 BENT_T1	0	0	0	0	0	0	0	0	2	1	-1	1500	900	-600
12/6/2023 19:55	67605 WARW_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/6/2023 19:56	43402 BENT_T1	0	0	0	0	0	0	0	0	2	1	-1	1500	900	-600
12/6/2023 19:56	67605 WARW_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/6/2023 19:57	43402 BENT_T1	0	0	0	0	0	0	0	0	2	1	-1	1500	900	-600
12/6/2023 19:57	67605 WARW_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/6/2023 19:58	67605 WARW_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/6/2023 19:58	43402 BENT_T1	0	0	0	0	0	0	0	0	2	1	-1	1500	900	-600
12/6/2023 19:59	43402 BENT_T1	0	0	0	0	0	0	0	0	2	1	-1	1500	900	-600
12/6/2023 19:59	67605 WARW_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/6/2023 20:00	67605 WARW_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/6/2023 20:00	43402 BENT_T1	0	0	0	0	0	0	0	0	2	1	-1	1500	900	-600
12/6/2023 20:01	67605 WARW_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/6/2023 20:01	43402 BENT_T1	0	0	0	0	0	0	0	0	2	1	-1	1500	900	-600
12/6/2023 20:02	43402 BENT_T1	0	0	0	0	0	0	0	0	2	1	-1	1500	900	-600
12/6/2023 20:02	67605 WARW_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/6/2023 20:03	43402 BENT_T1	0	0	0	0	0	0	0	0	2	1	-1	1500	900	-600
12/6/2023 20:03	67605 WARW_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/6/2023 20:04	67605 WARW_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/6/2023 20:04	43402 BENT_T1	0	0	0	0	0	0	0	0	2	1	-1	1500	900	-600
12/6/2023 20:05	67605 WARW_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/6/2023 20:05	52403 GRPA_T2	4	5	1	0.28	0.5	0.22	0	0	0	0	0	0	0	0
12/6/2023 20:05	43402 BENT_T1	0	0	0	0	0	0	0	0	2	1	-1	1500	900	-600
12/6/2023 20:06	43402 BENT_T1	0	0	0	0	0	0	0	0	2	1	-1	1500	900	-600
12/6/2023 20:06	67605 WARW_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/6/2023 20:07	67605 WARW_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/6/2023 20:07	43402 BENT_T1	0	0	0	0	0	0	0	0	2	1	-1	1500	900	-600
12/6/2023 20:08	43402 BENT_T1	0	0	0	0	0	0	0	0	2	1	-1	1500	900	-600
12/6/2023 20:08	67605 WARW_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/6/2023 20:09	61301 EARL_T1	0	1	1	0	0	0	0	0	0	0	0	0	0	0
12/6/2023 20:09	67605 WARW_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/6/2023 20:09	43402 BENT_T1	0	0	0	0	0	0	0	0	1	1	0	900	900	0
12/6/2023 20:10	67605 WARW_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/6/2023 20:10	43402 BENT_T1	0	0	0	0	0	0	0	0	1	1	0	900	900	0
12/6/2023 20:11	67605 WARW_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/6/2023 20:11	43402 BENT_T1	0	0	0	0	0	0	0	0	1	1	0	900	900	0
12/6/2023 20:12	43402 BENT_T1	0	0	0	0	0	0	0	0	1	1	0	900	900	0
12/6/2023 20:12	67605 WARW_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/6/2023 20:13	43402 BENT_T1	0	0	0	0	0	0	0	0	1	1	0	900	900	0
12/6/2023 20:13	67605 WARW_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/6/2023 20:14	43402 BENT_T1	0	0	0	0	0	0	0	0	1	1	0	900	900	0
12/6/2023 20:14	67605 WARW_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/6/2023 20:15	43402 BENT_T1	0	0	0	0	0	0	0	0	1	1	0	900	900	0
12/6/2023 20:15	67605 WARW_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/6/2023 20:16	67605 WARW_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/6/2023 20:16	43402 BENT_T1	0	0	0	0	0	0	0	0	1	1	0	900	900	0
12/6/2023 20:17	43402 BENT_T1	0	0	0	0	0	0	0	0	1	1	0	900	900	0
12/6/2023 20:18	43402 BENT_T1	0	0	0	0	0	0	0	0	1	1	0	900	900	0
12/6/2023 20:24	50103 HARR_T3	2	2	0	1.15	1.05	-0.1	0	0	0	0	0	0	0	0
12/6/2023 20:29	67605 WARW_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/6/2023 20:29	43402 BENT_T1	0	0	0	0	0	0	0	0	1	2	1	900	1500	600
12/6/2023 20:30	67605 WARW_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/6/2023 20:30	43402 BENT_T1	0	0	0	0	0	0	0	0	1	2	1	900	1500	600
12/6/2023 20:31	43402 BENT_T1	0	0	0	0	0	0	0	0	1	2	1	900	1500	600
12/6/2023 20:31	67605 WARW_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/6/2023 20:32	43402 BENT_T1	0	0	0	0	0	0	0	0	1	2	1	900	1500	600
12/6/2023 20:32	67605 WARW_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/6/2023 20:33	67605 WARW_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/6/2023 20:33	43402 BENT_T1	0	0	0	0	0	0	0	0	1	2	1	900	1500	600
12/6/2023 20:34	43402 BENT_T1	0	0	0	0	0	0	0	0	1	2	1	900	1500	600
12/6/2023 20:34	67605 WARW_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/6/2023 20:35	67605 WARW_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/6/2023 20:35	43402 BENT_T1	0	0	0	0	0	0	0	0	1	2	1	900	1500	600
12/6/2023 20:36	65001 NEFF_T2	0	1	1	0	0.1	0.1	0	0	1	1	0	1200	1200	0
12/6/2023 20:36	43402 BENT_T1	0	0	0	0	0	0	0	0	1	2	1	900	1500	600
12/6/2023 20:36	67605 WARW_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/6/2023 20:37	43402 BENT_T1	0	0	0	0	0	0	0	0	1	2	1	900	1500	600
12/6/2023 20:37	67605 WARW_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/6/2023 20:38	43402 BENT_T1	0	0	0	0	0	0	0	0	2	1	-1	1500	900	-600
12/6/2023 20:38	67605 WARW_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/6/2023 20:39	67605 WARW_T1	0	0	0	0	0	0	0

12/6/2023 20:55	67605 WARW_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
12/6/2023 20:55	43402 BENT_T1	0	0	0	0	0	0	0	0	1	2	1	900	1500	600
12/6/2023 20:56	43402 BENT_T1	0	0	0	0	0	0	0	0	1	2	1	900	1500	600
12/6/2023 20:56	67605 WARW_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/6/2023 20:57	65001 NEFF_T2	0	65	65	0	0.17	0.17	0	0	1	1	0	1200	1200	0
12/6/2023 20:57	67605 WARW_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/6/2023 20:57	43402 BENT_T1	0	0	0	0	0	0	0	0	1	2	1	900	1500	600
12/6/2023 20:58	43402 BENT_T1	0	0	0	0	0	0	0	0	1	2	1	900	1500	600
12/6/2023 20:58	67605 WARW_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/6/2023 20:59	67605 WARW_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/6/2023 20:59	43402 BENT_T1	0	0	0	0	0	0	0	0	1	2	1	900	1500	600
12/6/2023 21:00	67605 WARW_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/6/2023 21:00	43402 BENT_T1	0	0	0	0	0	0	0	0	1	2	1	900	1500	600
12/6/2023 21:01	43402 BENT_T1	0	0	1	0	0	0	0	0	1	2	1	900	1500	600
12/6/2023 21:01	67605 WARW_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/6/2023 21:02	67605 WARW_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/6/2023 21:02	43402 BENT_T1	0	0	0	0	0	0	0	0	1	2	1	900	1500	600
12/6/2023 21:03	67605 WARW_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/6/2023 21:03	43402 BENT_T1	0	0	0	0	0	0	0	0	1	2	1	900	1500	600
12/6/2023 21:04	43402 BENT_T1	0	0	0	0	0	0	0	0	1	2	1	900	1500	600
12/6/2023 21:04	67605 WARW_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/6/2023 21:05	43402 BENT_T1	0	0	0	0	0	0	0	0	1	2	1	900	1500	600
12/6/2023 21:05	67605 WARW_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/6/2023 21:06	67605 WARW_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/6/2023 21:06	43402 BENT_T1	0	0	0	0	0	0	0	0	1	2	1	900	1500	600
12/6/2023 21:07	43402 BENT_T1	0	0	0	0	0	0	0	0	1	2	1	900	1500	600
12/6/2023 21:07	67605 WARW_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/6/2023 21:08	67605 WARW_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/6/2023 21:08	43402 BENT_T1	0	0	0	0	0	0	0	0	2	2	0	1500	1500	0
12/6/2023 21:09	67605 WARW_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/6/2023 21:09	43402 BENT_T1	0	0	0	0	0	0	0	0	2	2	0	1500	1500	0
12/6/2023 21:10	43402 BENT_T1	0	0	0	0	0	0	0	0	2	2	0	1500	1500	0
12/6/2023 21:10	67605 WARW_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/6/2023 21:11	67605 WARW_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/6/2023 21:11	43402 BENT_T1	0	0	0	0	0	0	0	0	2	2	0	1500	1500	0
12/6/2023 21:12	43402 BENT_T1	0	0	0	0	0	0	0	0	2	2	0	1500	1500	0
12/6/2023 21:12	67605 WARW_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/6/2023 21:13	43402 BENT_T1	0	0	0	0	0	0	0	0	2	2	0	1500	1500	0
12/6/2023 21:13	67605 WARW_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/6/2023 21:14	67605 WARW_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/6/2023 21:14	43402 BENT_T1	0	0	0	0	0	0	0	0	2	2	0	1500	1500	0
12/6/2023 21:15	43402 BENT_T1	0	0	0	0	0	0	0	0	2	2	0	1500	1500	0
12/6/2023 21:15	67605 WARW_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/6/2023 21:16	67605 WARW_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/6/2023 21:16	43402 BENT_T1	0	0	0	0	0	0	0	0	2	2	0	1500	1500	0
12/6/2023 21:17	43402 BENT_T1	0	0	0	0	0	0	0	0	2	2	0	1500	1500	0
12/6/2023 21:18	43402 BENT_T1	0	0	0	0	0	0	0	0	2	2	0	1500	1500	0
12/6/2023 21:28	65003 NEFF_T2	19	4	-15	0.18	0.25	0.07	0	0	0	0	0	0	0	0
12/6/2023 21:29	67605 WARW_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/6/2023 21:30	67605 WARW_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/6/2023 21:31	67605 WARW_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/6/2023 21:32	67605 WARW_T1	0	1	0	0	0	0	0	0	0	0	0	0	0	0
12/6/2023 21:33	67605 WARW_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/6/2023 21:34	67605 WARW_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/6/2023 21:35	67605 WARW_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/6/2023 21:36	67605 WARW_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/6/2023 21:37	67605 WARW_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/6/2023 21:38	67605 WARW_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/6/2023 21:39	67605 WARW_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/6/2023 21:40	67605 WARW_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/6/2023 21:41	67605 WARW_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/6/2023 21:42	67605 WARW_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/6/2023 21:43	67605 WARW_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/6/2023 21:44	67605 WARW_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/6/2023 21:45	67605 WARW_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/6/2023 21:46	67605 WARW_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/6/2023 21:47	67605 WARW_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/6/2023 21:48	67605 WARW_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/6/2023 21:49	67605 WARW_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/6/2023 21:50	67605 WARW_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/6/2023 21:51	67605 WARW_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/6/2023 21:52	67605 WARW_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/6/2023 21:53	67605 WARW_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/6/2023 21:54	67605 WARW_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/6/2023 21:55	67605 WARW_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/6/2023 21:56	67605 WARW_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/6/2023 21:57	67605 WARW_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/6/2023 21:58	67605 WARW_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/6/2023 21:59	67605 WARW_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/6/2023 22:00	67605 WARW_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/6/2023 22:01	40902 JESH_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/6/2023 22:01	67605 WARW_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/6/2023 22:02	67605 WARW_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/6/2023 22:03	67605 WARW_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/6/2023 22:04	67605 WARW_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/6/2023 22:05	67605 WARW_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/6/2023 22:06	67605 WARW_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/6/2023 22:07	67605 WARW_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/6/2023 22:08	67605 WARW_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/6/2023 22:09	67605 WARW_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/6/2023 22:10	67605 WARW_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/6/2023 22:11	67605 WARW_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/6/2023 22:12	67605 WARW_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/6/2023 22:13	67605 WARW_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/6/2023 22:14	67605 WARW_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/6/2023 22:15	67605 WARW_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/6/2023 22:16	67605 WARW_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/6/2023 22:26	65001 NEFF_T2	0	0	0	0	0	0	0	0	1	1	0	1200	1200	0
12/6/2023 22:29	67605 WARW_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/6/2023 22:30	67605 WARW_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/6/2023 22:31	67605 WARW_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/6/2023 22:32	67605 WARW_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/6/2023 22:33	67605 WARW_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/6/2023 22:34	67605 WARW_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/6/2023 22:35	67605 WARW_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/6/2023 22:36	67605 WARW_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/6/2023 22:37	67605 WARW_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/6/2023 22:38	67605 WARW_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/6/2023 22:39	67605 WARW_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/6/2023 22:40	67605 WARW_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/6/2023 22:41	67605 WARW_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/6/2023 22:42	67605 WARW_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/6/2023 22:43	67605 WARW_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/6/2023 22:44	67605 WARW_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/6/2023 22:45	67604 WARW_T1	0	1	1	0	0	0	0	0	0	0	0	0	0	0
12/6/2023 22:46	67604 WARW_T1	0	1	1	0	0	0	0	0	0	0	0	0	0	0
12/6/2023 22:47	67605 WARW_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/6/2023 22:47	65001 NEFF_T2	0	0	0	0	0	0	0	0	1	1	0	1200	1200	0
12/6/2023 22:48	67604 WARW_T1	0	1	1	0	0	0	0	0	0	0	0	0	0	0
12/6/2023 22:49	67605 WARW_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/6/2023 22:50	67604 WARW_T1	0	1	1	0	0	0	0	0	0	0	0	0	0	0
12/6/2023 22:51	67604 WARW_T1	0	1	1	0	0	0	0	0	0	0	0	0	0	0
12/6/2023 22:52	67604 WARW_T1	0	1	1	0	0	0	0	0	0	0	0	0	0	0
12/6/2023 22:53	67604 WARW_T1	0	1	1	0	0	0	0	0	0	0	0	0	0	0
12/6/2023 22:54	67604 WARW_T1	0	1	1	0	0	0	0	0	0	0	0	0	0	0
12/6/2023 22:55	67604 WARW_T1	0	1	1	0	0	0	0	0	0	0	0	0	0	0
12/6/2023 22:56	67605 WARW_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/6/2023 22:57	67604 WARW_T1	0	1	1	0	0	0	0	0	0	0	0	0	0	0
12/6/2023 22:58	67604 WARW_T1	0	1	1	0	0	0	0	0	0	0	0	0	0	0
12/6/2023 22:59	67604 WARW_T1	0	1	1	0	0	0	0	0	0	0	0	0	0	0
12/6/2023 23:00	67605 WARW_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/6/2023 23:01	67604 WARW_T1	0	1	1	0	0	0	0	0	0	0	0	0	0	0
12/6/2023 23:02	67605 WARW_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/6/2023 23:03	67605 WARW_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/6/2023 23:04	67604 WARW_T1	0	1	1	0	0	0	0	0	0	0	0	0	0	0
12/6/2023 23:05	67605 WARW_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/6/2023 23:06	67604 WARW_T1	0	1	1	0	0	0	0	0	0	0	0	0	0	0
12/6/2023 23:07	67604 WARW_T1	0	1	1	0	0	0	0	0	0	0	0	0	0	0
12/6/2023 23:08	67605 WARW_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/6/2023 23:09	67605 WARW_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/6/2023 23:10	67605 WARW_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/6/2023 23:11	67605 WARW_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/6/2023 23:12	67605 WARW_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/6/2023 23:13	67605 WARW_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/6/2023 23:14	67605 WARW_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/6/2023 23:15	67605 WARW_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/6/2023 23:16	67605 WARW_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/6/2023 23:29	65001 NEFF_T2	0	0	0	0	0	0	0	0	1	1	0	1200	1200	0
12/6/2023 23:29	67605 WARW_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/6/2023 23:30	67605 WARW_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/6/2023 23:31	67605 WARW_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/6/2023 23:32	67605 WARW_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/6/2023 23:33	67605 WARW_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/6/2023 23:34	67605 WARW_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/6/2023 23:35	67605 WARW_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/6/2023 23:36	67605 WARW_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/6/2023 23:37	67605 WARW_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/6/2023 23:38	67605 WARW_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/6/2023 23:39	67605 WARW_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/6/2023 23:40	67605 WARW_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/6/2023 23:41	67605 WARW_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/6/2023 23:42	67605 WARW_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/6/2023 23:43	67605 WARW_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/6/2023 23:44	67605 WARW_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/6/2023 23:45	67605 WARW_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/6/2023 23:46	67605 WARW_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/6/2023 23:47	67605 WARW_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/6/2023 23:48	67605 WARW_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/6/2023 23:49	67605 WARW_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/6/2023 23:50	67605 WARW_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/6/2023 23:51	67605 WARW_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/6/2023 23:52	67605 WARW_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/6/2023 23:53	67605 WARW_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/6/2023 23:54	67605 WARW_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/6/2023 23:55	67605 WARW_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/6/2023 23:56	67605 WARW_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/6/2023 23:57	67605 WARW_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/6/2023 23:58	67605 WARW_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/6/2023 23:59	67605 WARW_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/7/2023 0:00	67605 WARW_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/7/2023 0:01	67605 WARW_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/7/2023 0:02	67605 WARW_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/7/2023 0:03	67605 WARW_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/7/2023 0:04	67605 WARW_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/7/2023 0:05	67605 WARW_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/7/2023 0:06	67605 WARW_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/7/2023 0:07	67605 WARW_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/7/2023 0:08	67605 WARW_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/7/2023 0:09	67605 WARW_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/7/2023 0:10	67605 WARW_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/7/2023 0:11	67605 WARW_T1	0	0	0	0	0	0	0	0	0

12/7/2023 0:52	67605 WARW_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/7/2023 0:53	67605 WARW_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/7/2023 0:54	67605 WARW_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/7/2023 0:55	67605 WARW_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/7/2023 0:56	67605 WARW_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/7/2023 0:57	67605 WARW_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/7/2023 0:58	67605 WARW_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/7/2023 0:59	67605 WARW_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/7/2023 1:00	67605 WARW_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/7/2023 1:01	67605 WARW_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/7/2023 1:02	67605 WARW_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/7/2023 1:03	67605 WARW_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/7/2023 1:04	67605 WARW_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/7/2023 1:05	67605 WARW_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/7/2023 1:06	67605 WARW_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/7/2023 1:07	67605 WARW_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/7/2023 1:08	67605 WARW_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/7/2023 1:09	67605 WARW_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/7/2023 1:10	67605 WARW_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/7/2023 1:11	67605 WARW_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/7/2023 1:12	67605 WARW_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/7/2023 1:13	67605 WARW_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/7/2023 1:14	67605 WARW_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/7/2023 1:15	67605 WARW_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/7/2023 1:16	67605 WARW_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/7/2023 1:29	67605 WARW_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/7/2023 1:30	67605 WARW_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/7/2023 1:31	67605 WARW_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/7/2023 1:32	67605 WARW_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/7/2023 1:33	67605 WARW_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/7/2023 1:34	67605 WARW_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/7/2023 1:35	67605 WARW_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/7/2023 1:36	67605 WARW_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/7/2023 1:37	67605 WARW_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/7/2023 1:38	67605 WARW_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/7/2023 1:39	67605 WARW_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/7/2023 1:40	67605 WARW_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/7/2023 1:41	67605 WARW_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/7/2023 1:42	67605 WARW_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/7/2023 1:43	67605 WARW_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/7/2023 1:44	67605 WARW_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/7/2023 1:45	67605 WARW_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/7/2023 1:46	67605 WARW_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/7/2023 1:47	67605 WARW_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/7/2023 1:48	67605 WARW_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/7/2023 1:49	67605 WARW_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/7/2023 1:50	67605 WARW_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/7/2023 1:51	67605 WARW_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/7/2023 1:52	67605 WARW_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/7/2023 1:53	67605 WARW_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/7/2023 1:54	67605 WARW_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/7/2023 1:55	67605 WARW_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/7/2023 1:56	67605 WARW_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/7/2023 1:57	67605 WARW_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/7/2023 1:58	67605 WARW_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/7/2023 1:59	67605 WARW_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/7/2023 2:00	67605 WARW_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/7/2023 2:01	67605 WARW_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/7/2023 2:02	67605 WARW_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/7/2023 2:03	67605 WARW_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/7/2023 2:04	67605 WARW_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/7/2023 2:05	67605 WARW_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/7/2023 2:06	65001 NEFF_T2	0	0	0	0	0	0	0	1	1	0	1200	1200	0	
12/7/2023 2:06	67605 WARW_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/7/2023 2:07	67605 WARW_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/7/2023 2:08	67605 WARW_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/7/2023 2:09	67605 WARW_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/7/2023 2:10	67605 WARW_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/7/2023 2:11	67605 WARW_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/7/2023 2:12	67605 WARW_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/7/2023 2:13	67605 WARW_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/7/2023 2:14	67605 WARW_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/7/2023 2:15	67605 WARW_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/7/2023 2:16	67605 WARW_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/7/2023 2:29	67605 WARW_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/7/2023 2:30	67605 WARW_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/7/2023 2:31	67605 WARW_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/7/2023 2:32	67605 WARW_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/7/2023 2:33	67605 WARW_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/7/2023 2:34	67605 WARW_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/7/2023 2:35	67605 WARW_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/7/2023 2:36	67605 WARW_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/7/2023 3:08	65001 NEFF_T2	0	0	0	0	0	0	0	1	1	0	1200	1200	0	
12/7/2023 4:07	65001 NEFF_T2	0	0	0	0	0	0	0	1	1	0	1200	1200	0	
12/7/2023 4:47	40502 CRES_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	
12/7/2023 5:00	65001 NEFF_T2	0	0	0	0	0	0	0	1	1	0	1200	1200	0	
12/7/2023 5:26	65001 NEFF_T2	0	0	0	0	0	0	0	1	1	0	1200	1200	0	
12/7/2023 6:08	65001 NEFF_T2	0	0	0	0	0	0	0	1	1	0	1200	1200	0	
12/7/2023 7:32	65001 NEFF_T2	0	0	0	0	0	0	0	1	1	0	1200	1200	0	
12/7/2023 7:52	43402 BENT_T1	0	0	0	0	0	0	0	2	2	0	1500	1500	0	
12/7/2023 7:53	45502 DERR_T2	16	36	20	0.46	0.35	-0.11	0	0	0	0	0	0	0	
12/7/2023 7:56	43402 BENT_T1	0	0	0	0	0	0	0	2	2	0	1500	1500	0	
12/7/2023 7:57	45501 DERR_T2	9	17	8	0.8	0.89	0.09	0	0	2	2	0	1800	1800	0
12/7/2023 7:58	25402 LAHA_T2	6	10	4	0.45	0.51	0.06	0	0	0	0	0	0	0	
12/7/2023 8:07	25402 LAHA_T2	10	11	1	0.61	0.8	0.19	0	0	0	0	0	0	0	
12/7/2023 8:08	65001 NEFF_T2	0	0	0	0	0	0	0	0	1	1	0	1200	1200	0
12/7/2023 8:12	40502 CRES_T2	0	2	2	0	0.15	0.15	0	0	0	0	0	0	0	
12/7/2023 8:12	52403 GRPA_T2	0	1	1	0	0	0	0	0	0	0	0	0	0	
12/7/2023 8:14	52401 GRPA_T2	0	1	1	0	0.4	0.4	0	0	0	0	0	0	0	
12/7/2023 8:23	49803 UNIV_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	
12/7/2023 8:29	40103 HUNT_T2	288	258	-30	0.85	0.67	-0.18	0	0	0	0	0	0	0	
12/7/2023 8:34	55002 NEWP_T1	4	35	31	0.3	0.62	0.32	0	0	3	3	0	2400	2400	0
12/7/2023 8:35	67103 SPRI_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	
12/7/2023 8:37	67103 SPRI_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	
12/7/2023 8:40	40201 BEGA_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	
12/7/2023 8:40	53601 DALM_T2	1	1	0	0.2	0.2	0	0	0	1	1	0	900	900	0
12/7/2023 8:56	65001 NEFF_T2	0	0	0	0	0	0	0	0	1	1	0	1200	1200	0
12/7/2023 8:56	52404 GRPA_T2	0	1	1	0	0.1	0.1	0	0	0	0	0	0	0	
12/7/2023 9:00	48303 ORWI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	
12/7/2023 9:00	64101 REFR_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	
12/7/2023 9:00	50103 HARR_T3	0	2	2	0	0.1	0.1	0	0	0	0	0	0	0	
12/7/2023 9:00	13901 SEID_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	
12/7/2023 9:00	64802 MONE_T2	0	5	5	0	0.13	0.13	0	0	0	0	0	0	0	
12/7/2023 9:00	40101 HUNT_T2	195	230	35	0.64	0.61	-0.03	0	0	0	0	0	0	0	
12/7/2023 9:00	49803 UNIV_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	
12/7/2023 9:00	53903 HALI_T2	2	2	0	1.15	1.3	0.15	0	0	0	0	0	0	0	
12/7/2023 9:00	47101 MARL_T1	0	0	0	0	0	0	0	0	1	1	0	600	600	
12/7/2023 9:00	67001 STHI_T2	0	1	1	0	0.5	0.5	0	0	0	0	0	0	0	
12/7/2023 9:00	58402 MORO_T1	0	1	1	0	0	0	0	0	3	3	0	2400	2400	0
12/7/2023 9:00	23401 HONE_T2	1	0	-1	0.4	0	-0.4	0	0	0	0	0	0	0	
12/7/2023 9:00	52503 PROG_T2	0	0	0	0	0	0	0	0	1	1	0	900	900	0
12/7/2023 9:01	64101 REFR_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	
12/7/2023 9:06	46004 BERW_T2	1	0	-1	0.1	0	-0.1	0	0	0	0	0	0	0	
12/7/2023 9:07	67503 WEWI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	
12/7/2023 9:10	40502 CRES_T2	10	1	-9	0.29	0.1	-0.19	0	0	0	0	0	0	0	
12/7/2023 9:11	53601 DALM_T2	0	1	1	0	0.3	0.3	0	0	1	1	0	900	900	0
12/7/2023 9:12	52401 GRPA_T2	1	1	0	0.4	0.6	0.2	0	0	0	0	0	0	0	
12/7/2023 9:12	45501 DERR_T2	1	8	7	0.3	0.54	0.24	0	0	2	2	0	1800	1800	0
12/7/2023 9:12	40502 CRES_T2	10	1	-9	0.29	0.1	-0.19	0	0	0	0	0	0	0	
12/7/2023 9:15	55002 NEWP_T1	5	27	22	0.48	0.7	0.22	0	0	0	0	0	0	0	
12/7/2023 9:16	25402 LAHA_T2	22	13	-9	0.48	0.3	-0.18	0	0	0	0	0	0	0	
12/7/2023 9:19	67103 SPRI_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	
12/7/2023 9:21	29401 BELT_T1	5	8	3	0.1	0.14	0.04	0	0	0	0	0	0	0	
12/7/2023 9:22	67103 SPRI_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	
12/7/2023 9:24	43402 BENT_T1	1	4	3	0.2	0.13	-0.07	0	0	2	2	0	1500	1500	0
12/7/2023 9:25	40201 BEGA_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	
12/7/2023 9:26	43402 BENT_T1	1	4	3	0.2	0.13	-0.07	0	0	2	2	0	1500	1500	0
12/7/2023 9:28	41801 GOCI_T2	1	1	0	1.3	1.2	-0.1	0	0	0	0	0	0	0	
12/7/2023 9:30	41801 GOCI_T2	1	1	0	1.2	0.9	-0.3	0	0	0	0	0	0	0	
12/7/2023 9:33	48302 ORWI_T2	1	0	-1	0.1	0	-0.1	0	0	0	0	0	0	0	
12/7/2023 9:36	56504 ROCK_T2	0	1	1	0	0.2	0.2	0	0	0	0	0	0	0	
12/7/2023 9:37	56803 BENV_T1	1	1	0	3.4	1.7	-1.7	0	0	0	0	0	0	0	
12/7/2023 9:38	56803 BENV_T1	1	1	0	3.4	1.7	-1.7	0	0	0	0	0	0	0	
12/7/2023 9:38	43304 WATS_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	
12/7/2023 9:39	60701 BREC_T1	3	1	-2	0.33	0	-0.33	0	0	2	2	0	1200	1200	0
12/7/2023 9:39	56803 BENV_T1	1	1	0	3.4	1.7	-1.7	0	0	0	0	0	0	0	
12/7/2023 9:40	56803 BENV_T1	1	1	0	3.4	1.7	-1.7	0	0	0	0	0	0	0	
12/7/2023 9:40	60701 BREC_T1	3	1	-2	0.33	0	-0.33	0	0	2	2	0	1200	1200	0
12/7/2023 9:40	56802 BENV_T2	3	3	0	0.23	0.13	-0.1	0	0	0	0	0	0	0	
12/7/2023 9:41	56801 BENV_T1	8	8	0	0.59	0.59	0	0	0	1	1	0	600	600	0
12/7/2023 9:41	56802 BENV_T2	3	3	0	0.23	0.13	-0.1	0	0	0	0	0	0	0	
12/7/2023 9:42	40101 HUNT_T2	213	255	42	0.7	0.55	-0.15	0	0	0	0	0	0	0	
12/7/2023 9:44	56802 BENV_T2	3	3	0	0.23	0.13	-0.1	0	0	0	0	0	0	0	
12/7/2023 9:48	40201 BEGA_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	
12/7/2023 9:49	41902 REED_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	
12/7/2023 9:50	59101 WALK_T2	1	1	0	0	0	0	0	0	1	1	0	600	600	0
12/7/2023 9:50	66504 SMAN_T2	0	0	0	0	0	0	0	0	1	1	0	1200	1200	0
12/7/2023 9:51	41901 REED_T1	10	10	0	0.41	0.38	-0.03	0	0	0	0	0	0	0	
12/7/2023 9:51	43304 WATS_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	
12/7/2023 9:51	59101 WALK_T2	1	1	0	0	0	0	0	0	1	1	0	600	600	0
12/7/2023 9:52	59101 WALK_T2	1	1	0	0	0	0	0	0	1	1	0	600	600	0
12/7/2023 9:53	40502 CRES_T2	1	0	-1	0.8	0	-0.8	0	0	0	0	0	0	0	
12/7/2023 9:54	40505 CRES_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	
12/7/2023 9:54	40502 CRES_T2	1	0	-1	0.8	0	-0.8	0	0	0	0	0	0	0	
12/7/2023 9:55	40502 CRES_T2	1	0	-1	0.8	0	-0.8	0	0	0	0	0	0	0	
12/7/2023 9:56	45501 DERR_T2	8	9	1	0.99	0.63	-0.36	0	0	2	2	0	1800	1800	0
12/7/2023 9:56	11101 EGYP_T1	1	0	-1	3.9	0	-3.9	0	0	0	0	0	0	0	
12/7/2023 9:56	40502 CRES_T2	1	0	-1	0.8	0	-0.8	0	0	0	0	0	0	0	
12/7/2023 9:57	45501 DERR_T2	8	9	1	0.99	0.63	-0.36	0	0	2	2	0	1800	1800	0
12/7/2023 9:57	40502 CRES_T2	1	0	-1	0.8	0	-0.8	0	0	0	0	0	0	0	
12/7/2023 9:57	40505 CRES_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	
12/7/2023 9:58	45003 LIME_2	1	2	1	1.9	2.4	0.5	0	0	1	1	0	1200	1200	0
12/7/2023 9:58	40502 CRES_T2	1	0	-1	0.8	0	-0.8	0	0	0	0	0	0	0	
12/7/2023 9:58	56802 BENV_T2	1	7	6	0.2	0.23	0.03	0	0	0	0	0	0	0	
12/7/2023 9:59	40502 CRES_T2	1	0	-1	0.8	0	-0.8	0	0	0	0	0	0	0	
12/7/2023 10:00	43402 BENT_T1	3	4	1	0.4	0.35	-0.05	0	0	2	2	0	1500	1500	0
12/7/2023 10:01	44201 POIN_T1	0	0	0	0	0	0	0	0	1	1	0	900	900	0
12/7/2023 10:01	58402 MORO_T1	0	0	0	0	0	0	0	0	3	3	0	2400	2400	0
12/7/2023 10:01	43402 BENT_T1	3	4	1	0.4	0.35	-0.05	0	0	2	2	0	1500	1500	0
12/7/2023 10:02	43402 BENT_T1	3	4	1	0.4	0.35	-0.05	0	0	2	2	0	1500	1500	0
12/7/2023 10:02	52403 GRPA_T2	3	5	2	0.23	0	-0.23	0	0	0	0	0	0	0	
12/7/2023 10:02	44201 POIN_T1	0	0	0	0	0	0	0	0	1	1	0	900	900	0
12/7/2023 10:03	43402 BENT_T1	3	4	1	0.4	0.35	-0.05	0	0	2	2	0	1500	1500	0
12/7/2023 10:03	58402 MORO_T1	0	0	0	0	0	0	0	0	3	3	0	2400	2400	0
12/7/2023 10:04	43402 BENT_T1	3	4	1	0.4	0.35	-0.05	0	0	2	2	0	1500	1500	0
12/7/2023 10:05	40601 PIGR_T1	10	2	-8	0.13	0.1	-0.03	0	0	0	0	0	0	0	
12/7/2023 10:05	43402 BENT_T1	3	4	1	0.4	0.35	-0.05	0	0	2	2	0	1500	1500	0
12/7/2023 10:05	57403 SPAN_T1	0	6	6	0	0.25	0.25	0	0	0	0	0	0	0	
12/7/2023 10:05	59101 WALK_T2	1	1	0	0	0	0	0	0	1	1	0	600

12/7/2023 10:17	43402 BENT_T1	4	2	-2	1.05	0	-1.05	0	0	2	2	0	1500	1500	0
12/7/2023 10:17	17802 GILB_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/7/2023 10:18	43202 MVIL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/7/2023 10:18	40902 JESH_T1	0	0	0	0	0	0	0	0	1	1	0	600	600	0
12/7/2023 10:18	43402 BENT_T1	4	2	-2	1.05	0	-1.05	0	0	2	2	0	1500	1500	0
12/7/2023 10:19	43202 MVIL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/7/2023 10:19	43402 BENT_T1	4	2	-2	1.05	0	-1.05	0	0	2	2	0	1500	1500	0
12/7/2023 10:20	43402 BENT_T1	4	2	-2	1.05	0	-1.05	0	0	2	2	0	1500	1500	0
12/7/2023 10:21	40601 PIGR_T1	0	7	7	0	0.13	0.13	0	0	0	0	0	0	0	0
12/7/2023 10:21	43402 BENT_T1	4	2	-2	1.05	0	-1.05	0	0	2	2	0	1500	1500	0
12/7/2023 10:21	57403 SPAN_T1	0	6	6	0	0.25	0.25	0	0	0	0	0	0	0	0
12/7/2023 10:21	46302 ROHR_T1	2	4	2	0.1	0.5	0.4	0	0	0	0	0	0	0	0
12/7/2023 10:22	43402 BENT_T1	4	2	-2	1.05	0	-1.05	0	0	2	2	0	1500	1500	0
12/7/2023 10:22	14404 SSLA_T1	0	1	1	0	0	0	0	0	0	0	0	0	0	0
12/7/2023 10:22	56503 ROCK_T2	1	3	2	1.6	0	-1.6	0	0	0	0	0	0	0	0
12/7/2023 10:22	46302 ROHR_T1	2	4	2	0.1	0.5	0.4	0	0	0	0	0	0	0	0
12/7/2023 10:22	56801 BENV_T1	9	12	3	0.53	1.08	0.55	0	0	1	1	0	600	600	0
12/7/2023 10:23	57403 SPAN_T1	0	6	6	0	0.25	0.25	0	0	0	0	0	0	0	0
12/7/2023 10:23	10801 CHHI_T1	0	0	0	0	0	0	0	0	2	2	0	1500	1500	0
12/7/2023 10:23	43402 BENT_T1	4	2	-2	1.05	0	-1.05	0	0	2	2	0	1500	1500	0
12/7/2023 10:24	43402 BENT_T1	4	2	-2	1.05	0	-1.05	0	0	2	2	0	1500	1500	0
12/7/2023 10:24	56801 BENV_T1	9	12	3	0.53	1.08	0.55	0	0	1	1	0	600	600	0
12/7/2023 10:25	54503 ENOL_T2	1	18	17	2.7	0	-2.7	0	0	0	0	0	0	0	0
12/7/2023 10:25	43402 BENT_T1	4	2	-2	1.05	0	-1.05	0	0	2	2	0	1500	1500	0
12/7/2023 10:25	43001 ALWD_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/7/2023 10:26	43001 ALWD_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/7/2023 10:27	17803 GILB_T2	0	1	1	0	0	0	0	0	0	0	0	0	0	0
12/7/2023 10:28	17805 GILB_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/7/2023 10:28	17802 GILB_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/7/2023 10:29	52403 GRPA_T2	5	2	-3	0.78	0	-0.78	0	0	0	0	0	0	0	0
12/7/2023 10:29	43402 BENT_T1	4	2	-2	1.05	0	-1.05	0	0	2	2	0	1500	1500	0
12/7/2023 10:30	52403 GRPA_T2	0	2	2	0	0	0	0	0	0	0	0	0	0	0
12/7/2023 10:30	43402 BENT_T1	2	3	1	0.35	0	-0.35	0	0	2	2	0	1500	1500	0
12/7/2023 10:31	43402 BENT_T1	2	3	1	0.35	0	-0.35	0	0	2	2	0	1500	1500	0
12/7/2023 10:31	43201 MVIL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/7/2023 10:32	43402 BENT_T1	2	3	1	0.35	0	-0.35	0	0	2	2	0	1500	1500	0
12/7/2023 10:32	20801 LOPO_T1	57	4	-53	2.79	0	-2.79	0	0	0	0	0	0	0	0
12/7/2023 10:33	55001 NEWP_T1	0	10	10	0	0	0	0	0	0	0	0	0	0	0
12/7/2023 10:33	12202 FOGE_T2	2	4	2	3.65	0	-3.65	0	0	1	1	0	600	600	0
12/7/2023 10:33	64101 REFR_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/7/2023 10:33	43402 BENT_T1	2	3	1	0.35	0	-0.35	0	0	2	2	0	1500	1500	0
12/7/2023 10:34	64101 REFR_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/7/2023 10:34	43402 BENT_T1	2	3	1	0.35	0	-0.35	0	0	2	2	0	1500	1500	0
12/7/2023 10:34	55001 NEWP_T1	0	10	10	0	0	0	0	0	0	0	0	0	0	0
12/7/2023 10:34	60501 NMAN_T2	3	3	0	4.8	5.3	0.5	0	0	0	0	0	0	0	0
12/7/2023 10:35	64101 REFR_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/7/2023 10:35	43402 BENT_T1	2	3	1	0.35	0	-0.35	0	0	2	2	0	1500	1500	0
12/7/2023 10:35	55001 NEWP_T1	0	10	10	0	0	0	0	0	0	0	0	0	0	0
12/7/2023 10:36	43402 BENT_T1	2	3	1	0.35	0	-0.35	0	0	2	2	0	1500	1500	0
12/7/2023 10:36	40602 PIGR_T1	1	31	30	0.1	0	-0.1	0	0	0	0	0	0	0	0
12/7/2023 10:36	64101 REFR_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/7/2023 10:36	59101 WALK_T2	1	1	0	0	0	0	0	0	1	1	0	600	600	0
12/7/2023 10:36	16302 ALPA_T2	1	10	9	2.4	0	-2.4	0	0	0	0	0	0	0	0
12/7/2023 10:36	67503 WEWI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/7/2023 10:37	43402 BENT_T1	2	3	1	0.35	0	-0.35	0	0	2	2	0	1500	1500	0
12/7/2023 10:37	45402 WILO_T2	0	1	1	0	0.8	0.8	0	0	0	0	0	0	0	0
12/7/2023 10:37	64101 REFR_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/7/2023 10:38	16302 ALPA_T2	1	10	9	2.4	0	-2.4	0	0	0	0	0	0	0	0
12/7/2023 10:38	56504 ROCK_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/7/2023 10:38	43402 BENT_T1	2	3	1	0.35	0	-0.35	0	0	2	2	0	1500	1500	0
12/7/2023 10:38	16401 MOPO_T1	0	1	1	0	0	0	0	0	0	0	0	0	0	0
12/7/2023 10:39	43402 BENT_T1	2	3	1	0.35	0	-0.35	0	0	2	2	0	1500	1500	0
12/7/2023 10:40	16302 ALPA_T2	1	10	9	2.4	0	-2.4	0	0	0	0	0	0	0	0
12/7/2023 10:40	43402 BENT_T1	2	3	1	0.35	0	-0.35	0	0	2	2	0	1500	1500	0
12/7/2023 10:40	62601 ENGL_T1	0	1	1	0	0	0	0	0	0	0	0	0	0	0
12/7/2023 10:41	43402 BENT_T1	2	3	1	0.35	0	-0.35	0	0	2	2	0	1500	1500	0
12/7/2023 10:41	16302 ALPA_T2	1	10	9	2.4	0	-2.4	0	0	0	0	0	0	0	0
12/7/2023 10:41	60201 ATGL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/7/2023 10:42	62601 ENGL_T1	0	1	1	0	0	0	0	0	0	0	0	0	0	0
12/7/2023 10:42	43402 BENT_T1	2	3	1	0.35	0	-0.35	0	0	2	2	0	1500	1500	0
12/7/2023 10:43	40101 HUNT_T2	275	368	93	0.83	0.75	-0.08	0	0	0	0	0	0	0	0
12/7/2023 10:43	62601 ENGL_T1	0	1	1	0	0	0	0	0	0	0	0	0	0	0
12/7/2023 10:43	43402 BENT_T1	2	3	1	0.35	0	-0.35	0	0	2	2	0	1500	1500	0
12/7/2023 10:44	62601 ENGL_T1	0	1	1	0	0	0	0	0	0	0	0	0	0	0
12/7/2023 10:44	46801 HEPB_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/7/2023 10:44	43402 BENT_T1	2	3	1	0.35	0	-0.35	0	0	2	2	0	1500	1500	0
12/7/2023 10:45	43402 BENT_T1	0	3	3	0	0.43	0.43	0	0	2	2	0	1500	1500	0
12/7/2023 10:45	40101 HUNT_T2	345	371	26	1.02	0.73	-0.29	0	0	0	0	0	0	0	0
12/7/2023 10:46	43402 BENT_T1	0	3	3	0	0.43	0.43	0	0	2	2	0	1500	1500	0
12/7/2023 10:46	63403 HONY_T2	0	0	0	0	0	0	0	0	1	1	0	600	600	0
12/7/2023 10:46	40101 HUNT_T2	345	371	26	1.02	0.73	-0.29	0	0	0	0	0	0	0	0
12/7/2023 10:46	45003 LIME_2	1	1	0	1.9	2.3	0.4	0	0	1	1	0	1200	1200	0
12/7/2023 10:47	43402 BENT_T1	0	3	3	0	0.43	0.43	0	0	2	2	0	1500	1500	0
12/7/2023 10:48	43402 BENT_T1	0	3	3	0	0.43	0.43	0	0	2	2	0	1500	1500	0
12/7/2023 10:49	56503 ROCK_T2	2	1	-1	1.6	0	-1.6	0	0	0	0	0	0	0	0
12/7/2023 10:49	43402 BENT_T1	0	3	3	0	0.43	0.43	0	0	2	2	0	1500	1500	0
12/7/2023 10:49	42903 MIDD_T2	11	4	-7	0.3	0	-0.3	0	0	1	1	0	1200	1200	0
12/7/2023 10:50	55001 NEWP_T1	10	0	-10	1.89	0	-1.89	0	0	0	0	0	0	0	0
12/7/2023 10:50	43402 BENT_T1	0	3	3	0	0.43	0.43	0	0	2	2	0	1500	1500	0
12/7/2023 10:50	64101 REFR_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/7/2023 10:51	43402 BENT_T1	0	3	3	0	0.43	0.43	0	0	2	2	0	1500	1500	0
12/7/2023 10:52	43402 BENT_T1	0	3	3	0	0.43	0.43	0	0	2	2	0	1500	1500	0
12/7/2023 10:52	67203 TEHI_T1	0	0	0	0	0	0	0	0	3	3	0	2100	2100	0
12/7/2023 10:53	43402 BENT_T1	0	3	3	0	0.43	0.43	0	0	2	2	0	1500	1500	0
12/7/2023 10:54	43402 BENT_T1	0	3	3	0	0.43	0.43	0	0	2	2	0	1500	1500	0
12/7/2023 10:55	27502 WEIS_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/7/2023 10:55	43402 BENT_T1	0	3	3	0	0.43	0.43	0	0	2	2	0	1500	1500	0
12/7/2023 10:56	43402 BENT_T1	0	3	3	0	0.43	0.43	0	0	2	2	0	1500	1500	0
12/7/2023 10:56	10805 CHHI_T2	17	13	-4	1.97	2.83	0.86	0	0	1	1	0	600	600	0
12/7/2023 10:56	60201 ATGL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/7/2023 10:56	55105 WERT_T1	10	1	-9	1.93	0	-1.93	0	0	1	1	0	900	900	0
12/7/2023 10:57	43402 BENT_T1	0	3	3	0	0.43	0.43	0	0	2	2	0	1500	1500	0
12/7/2023 10:57	64201 KINZ_T1	0	0	0	0	0	0	0	0	4	4	0	2100	2100	0
12/7/2023 10:57	45802 HEGI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/7/2023 10:58	43402 BENT_T1	0	3	3	0	0.43	0.43	0	0	2	2	0	1500	1500	0
12/7/2023 10:59	43402 BENT_T1	0	3	3	0	0.43	0.43	0	0	2	2	0	1500	1500	0
12/7/2023 11:00	43402 BENT_T1	3	3	0	0.47	0.3	-0.17	0	0	2	2	0	1500	1500	0
12/7/2023 11:00	40101 HUNT_T2	313	362	49	0.73	0.88	0.15	0	0	0	0	0	0	0	0
12/7/2023 11:01	45802 HEGI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/7/2023 11:01	43402 BENT_T1	3	3	0	0.47	0.3	-0.17	0	0	2	2	0	1500	1500	0
12/7/2023 11:02	64202 KINZ_T1	0	1	1	0	2.6	2.6	0	0	0	0	0	0	0	0
12/7/2023 11:02	64203 KINZ_T1	0	0	0	0	0	0	0	0	2	2	0	1800	1800	0
12/7/2023 11:02	43402 BENT_T1	3	3	0	0.47	0.3	-0.17	0	0	2	2	0	1500	1500	0
12/7/2023 11:02	45702 LIND_T2	0	1	1	0	1.3	1.3	0	0	0	0	0	0	0	0
12/7/2023 11:02	64802 MONE_T2	12	34	22	0.17	0.23	0.06	0	0	0	0	0	0	0	0
12/7/2023 11:02	59301 MCAL_T1	2	2	0	0.5	0.5	0	0	0	0	0	0	0	0	0
12/7/2023 11:03	43402 BENT_T1	3	3	0	0.47	0.3	-0.17	0	0	2	2	0	1500	1500	0
12/7/2023 11:03	52501 PROG_T1	0	0	0	0	0	0	0	0	1	1	0	300	300	0
12/7/2023 11:04	43402 BENT_T1	3	3	0	0.47	0.3	-0.17	0	0	2	2	0	1500	1500	0
12/7/2023 11:04	40101 HUNT_T2	313	362	49	0.73	0.88	0.15	0	0	0	0	0	0	0	0
12/7/2023 11:05	43402 BENT_T1	3	3	0	0.47	0.3	-0.17	0	0	2	2	0	1500	1500	0
12/7/2023 11:05	57403 SPAN_T1	10	2	-8	0.26	0.1	-0.16	0	0	0	0	0	0	0	0
12/7/2023 11:05	65901 SAKR_T2	1	1	0	9.1	9.1	0	0	0	0	0	0	0	0	0
12/7/2023 11:06	43402 BENT_T1	3	3	0	0.47	0.3	-0.17	0	0	2	2	0	1500	1500	0
12/7/2023 11:06	57401 SPAN_T1	0	2	2	0	0.2	0.2	0	0	0	0	0	0	0	0
12/7/2023 11:07	67502 WEWI_T2	0	0	0	0	0	0	0	0	1	1	0	900	900	0
12/7/2023 11:07	66703 STRA_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/7/2023 11:07	43402 BENT_T1	3	3	0	0.47	0.3	-0.17	0	0	2	2	0	1500	1500	0
12/7/2023 11:07	57403 SPAN_T1	10	2	-8	0.26	0.1	-0.16	0	0	0	0	0	0	0	0
12/7/2023 11:08	43402 BENT_T1	3	3	0	0.47	0.3	-0.17	0	0	2	2	0	1500	1500	0
12/7/2023 11:08	67502 WEWI_T2	0	0	0	0	0	0	0	0	1	1	0	900	900	0
12/7/2023 11:08	13606 RICH_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/7/2023 11:09	59101 WALK_T2	1	1	0	0	0	0	0	0	1	1	0	600	600	0
12/7/2023 11:09	67502 WEWI_T2	0	0	0	0	0	0	0	0	1	1	0	900	900	0
12/7/2023 11:09	43402 BENT_T1	3	3	0	0.47	0.3	-0.17	0	0	2	2	0	1500	1500	0
12/7/2023 11:10	43402 BENT_T1	3	3	0	0.47	0.3	-0.17	0	0	2	2	0	1500	1500	0
12/7/2023 11:10	29402 BELT_T1	1	2	1	6.4	6.4	0	0	0	0	0	0	0	0	0
12/7/2023 11:10	56802 BENV_T2	144	103	-41	0.35	0.26	-0.09	0	0	0	0	0	0	0	0
12/7/2023 11:10	67503 WEWI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/7/2023 11:11	43402 BENT_T1	3	3	0	0.47	0.3	-0.17	0	0	2	2	0	1500	1500	0
12/7/2023 11:11	54501 ENOL_T2	0	1	1	0	0	0	0	0	0	0	0	0	0	0
12/7/2023 11:11	29402 BELT_T1	1	2	1	6.4	6.4	0	0	0	0	0	0	0	0	0
12/7/2023 11:11	54501 ENOL_T2	0	1	1	0	0	0	0	0	0	0	0	0	0	0
12/7/2023 11:12	54506 ENOL_T2	0	1	1	0	0	0	0	0	0	0	0	0	0	0
12/7/2023 11:12	43402 BENT_T1	3	3	0	0.47	0.3	-0.17	0	0	2	2	0	1500	1500	0
12/7/2023 11:13	52403 GRPA_T2	0	1	1	0	0	0	0	0	0	0	0	0	0	0
12/7/2023 11:13	43402 BENT_T1	3	3	0	0.47	0.3	-0.17	0	0	2	2	0	1500	1500	0
12/7/2023 11:13	26401 INOR_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/7/2023 11:14	54504 ENOL_T2	0	2	2	0	0	0	0	0	0	0	0	0	0	0
12/7/2023 11:14	43402 BENT_T1	3	3	0	0.47	0.3	-0.17	0	0	2	2	0	1500	1500	0
12/7/2023 11:15	54505 ENOL_T2	1	2	1	0.9	0.8	-0.1	0	0	0	0	0	0	0	0
12/7/2023 11:15	43402 BENT_T1	3	4	1	0.43	0.27	-0.16	0	0	2	2	0	1500	1500	0
12/7/2023 11:16	42902 MIDD_T2	0	0	0	0	0	0	0	0	1	1	0	600	600	0
12/7/2023 11:16	43401 BENT_T1	0	1	1	0	0	0	0	0	0	0	0	0	0	0
12/7/2023 11:17	43401 BENT_T1	0	1	1	0	0	0	0	0	0	0	0	0	0	0
12/7/2023 11:17	42902 MIDD_T2	0	0	0	0	0	0	0	0	1	1	0	600	600	0
12/7/2023 11:17	45003 LIME_2	1	1	0	2.3	2.9	0.6	0	0	1	1	0	1200	1200	0
12/7/2023 11:18	43401 BENT_T1	0	1	1	0	0	0	0	0	0	0	0	0	0	0
12/7/2023 11:18	42902 MIDD_T2	0	0	0	0	0	0	0	0	1	1	0	600	600	0
12/7/2023 11:19	43401 BENT_T1	0	1	1	0	0	0	0	0	0	0	0	0	0	0
12/7/2023 11:19	44201 POIN_T1	0	0	0	0	0	0	0	0	1	1	0	900	900	0
12/7/2023 11:20	64101 REFR_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/7/2023 11:20	43401 BENT_T1	0	1	1	0	0	0	0	0	0	0	0	0	0	0
12/7/2023 11:21	64101 REFR_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/7/2023 11:21	43402 BENT_T1	3	4	1	0.43	0.27	-0.16	0	0	2	2	0	1500	1500	0
12/7/2023 11:22	64101 REFR_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/7/2023 11:22	43401 BENT_T1	0	1	1	0	0	0	0	0	0	0	0	0	0	0
12/7/2023 11:22	67204 TEHI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/7/2023 11:23	60801 BUCK_T1	0	1	1	0	0	0	0	0	0	0	0	0	0	0
12/7/2023 11:23	43402 BENT_T1	3	4	1	0.43	0.27	-0.16	0	0	2	2	0	1500	1500	0
12/7/2023 11:23	66703 STRA_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/7/2023 11:24	43402 BENT_T1	3	4	1	0.43	0.27	-0.16	0	0	2	2	0	1500	1500	0
12/7/2023 11:24	60803 BUCK_T1	0	1	1	0	0.1	0.1	0	0	1	1	0	600	600	0
12/7/2023 11:24	67204 TEHI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/7/2023 11:25	43401 BENT_T1	0	1	1	0	0	0	0	0	0	0	0	0	0	0
12/7/2023 11:28	54505 ENOL_T2	1	2	1	0.9	0.8	-0.1	0	0	0	0	0	0	0	0
12/7/2023 11:29	43401 BENT_T1	0	1	1	0	0	0	0	0	0	0	0	0	0	0
12/7/2023 11:30	43401 BENT_T1	0	1	1	0	0	0	0	0	0	0	0	0	0	0
12/7/2023 11:31	43402 BENT_T1	3	4	1	0.3	0.4	0.1	0	0	2	2	0	1500	1500	0
12/7/2023 11:32	43401 BENT_T1	0	1	1	0	0	0	0	0	0	0	0	0	0	0
12/7/2023 11:33	43401 BENT_T1	0	1	1	0	0	0	0	0	0	0	0	0	0	0
12/7/2023 11:33	13904 SEID_T1	12	5	-7	0.53	0	-0.53	0	0	0	0	0	0	0	0
12/7/2023 11:33	64101 REFR_T1	0	0	0	0	0	0	0	0	0	0	0

Appendix C - Grid Benefits Achieved in Each Instance of Active Management

12/7/2023 11:47	43401 BENT_T1	1	0	-1	0.4	0	-0.4	0	0	0	0	0	0	0	0
12/7/2023 11:48	43402 BENT_T1	4	4	0	0.33	0.4	0.07	0	0	2	2	0	1500	1500	0
12/7/2023 11:48	65001 NEFF_T2	0	0	0	0	0	0	0	0	1	1	0	1200	1200	0
12/7/2023 11:49	43401 BENT_T1	1	0	-1	0.4	0	-0.4	0	0	0	0	0	0	0	0
12/7/2023 11:49	48302 ORWI_T2	1	2	1	0.3	0.35	0.05	0	0	0	0	0	0	0	0
12/7/2023 11:50	43402 BENT_T1	4	4	0	0.33	0.4	0.07	0	0	2	2	0	1500	1500	0
12/7/2023 11:50	14403 SSLA_T1	0	1	1	0	0	0	0	0	0	0	0	0	0	0
12/7/2023 11:51	14402 SSLA_T1	0	5	5	0	0	0	0	0	0	0	0	0	0	0
12/7/2023 11:51	43402 BENT_T1	4	4	0	0.33	0.4	0.07	0	0	2	2	0	1500	1500	0
12/7/2023 11:52	43401 BENT_T1	1	0	-1	0.4	0	-0.4	0	0	0	0	0	0	0	0
12/7/2023 11:52	42701 AUGU_T1	0	1	1	0	0.5	0.5	0	0	1	1	0	600	600	0
12/7/2023 11:53	42701 AUGU_T1	0	1	1	0	0.5	0.5	0	0	1	1	0	600	600	0
12/7/2023 11:53	43401 BENT_T1	1	0	-1	0.4	0	-0.4	0	0	0	0	0	0	0	0
12/7/2023 11:54	13904 SEID_T1	0	8	8	0	0.2	0.2	0	0	0	0	0	0	0	0
12/7/2023 11:54	43402 BENT_T1	4	4	0	0.33	0.4	0.07	0	0	2	2	0	1500	1500	0
12/7/2023 11:55	42701 AUGU_T1	0	1	1	0	0.5	0.5	0	0	1	1	0	600	600	0
12/7/2023 11:55	43401 BENT_T1	1	0	-1	0.4	0	-0.4	0	0	0	0	0	0	0	0
12/7/2023 11:56	43402 BENT_T1	4	4	0	0.33	0.4	0.07	0	0	2	2	0	1500	1500	0
12/7/2023 11:56	42701 AUGU_T1	0	1	1	0	0.5	0.5	0	0	2	2	0	1200	1200	0
12/7/2023 11:57	43402 BENT_T1	4	4	0	0.33	0.4	0.07	0	0	2	2	0	1500	1500	0
12/7/2023 11:58	43402 BENT_T1	4	4	0	0.33	0.4	0.07	0	0	2	2	0	1500	1500	0
12/7/2023 11:59	43401 BENT_T1	1	0	-1	0.4	0	-0.4	0	0	0	0	0	0	0	0
12/7/2023 12:00	43402 BENT_T1	3	4	1	0.43	0	-0.43	0	0	2	2	0	1500	1500	0
12/7/2023 12:01	43402 BENT_T1	3	4	1	0.43	0	-0.43	0	0	2	2	0	1500	1500	0
12/7/2023 12:02	43402 BENT_T1	3	4	1	0.43	0	-0.43	0	0	2	2	0	1500	1500	0
12/7/2023 12:03	51003 NHAR_T1	43	6	-37	0.26	0.2	-0.06	0	0	0	0	0	0	0	0
12/7/2023 12:03	43402 BENT_T1	3	4	1	0.43	0	-0.43	0	0	2	2	0	1500	1500	0
12/7/2023 12:04	43402 BENT_T1	3	4	1	0.43	0	-0.43	0	0	2	2	0	1500	1500	0
12/7/2023 12:05	65001 NEFF_T2	0	0	0	0	0	0	0	0	1	1	0	1200	1200	0
12/7/2023 12:05	43402 BENT_T1	3	4	1	0.43	0	-0.43	0	0	2	2	0	1500	1500	0
12/7/2023 12:06	14402 SSLA_T1	1	4	3	1.8	0	-1.8	0	0	0	0	0	0	0	0
12/7/2023 12:06	43402 BENT_T1	3	4	1	0.43	0	-0.43	0	0	2	2	0	1500	1500	0
12/7/2023 12:07	14402 SSLA_T1	1	4	3	1.8	0	-1.8	0	0	0	0	0	0	0	0
12/7/2023 12:07	43402 BENT_T1	3	4	1	0.43	0	-0.43	0	0	2	2	0	1500	1500	0
12/7/2023 12:08	43402 BENT_T1	3	4	1	0.43	0	-0.43	0	0	2	2	0	1500	1500	0
12/7/2023 12:09	43402 BENT_T1	3	4	1	0.43	0	-0.43	0	0	2	2	0	1500	1500	0
12/7/2023 12:09	49803 UNIV_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/7/2023 12:10	43402 BENT_T1	3	4	1	0.43	0	-0.43	0	0	2	2	0	1500	1500	0
12/7/2023 12:11	43402 BENT_T1	3	4	1	0.43	0	-0.43	0	0	2	2	0	1500	1500	0
12/7/2023 12:12	43402 BENT_T1	3	4	1	0.43	0	-0.43	0	0	2	2	0	1500	1500	0
12/7/2023 12:13	43402 BENT_T1	3	4	1	0.43	0	-0.43	0	0	2	2	0	1500	1500	0
12/7/2023 12:14	43402 BENT_T1	3	4	1	0.43	0	-0.43	0	0	2	2	0	1500	1500	0
12/7/2023 12:15	43402 BENT_T1	4	0	-4	0.4	0	-0.4	0	0	2	2	0	1500	1500	0
12/7/2023 12:16	43402 BENT_T1	4	0	-4	0.4	0	-0.4	0	0	2	2	0	1500	1500	0
12/7/2023 12:17	43402 BENT_T1	4	0	-4	0.4	0	-0.4	0	0	2	2	0	1500	1500	0
12/7/2023 12:18	47403 PENS_T1	1	1	0	1.1	1.8	0.7	0	0	0	0	0	0	0	0
12/7/2023 12:18	43402 BENT_T1	4	0	-4	0.4	0	-0.4	0	0	2	2	0	1500	1500	0
12/7/2023 12:19	67002 STHI_T2	0	5	5	0	0.1	0.1	0	0	0	0	0	0	0	0
12/7/2023 12:19	43402 BENT_T1	4	0	-4	0.4	0	-0.4	0	0	2	2	0	1500	1500	0
12/7/2023 12:20	43402 BENT_T1	4	0	-4	0.4	0	-0.4	0	0	2	2	0	1500	1500	0
12/7/2023 12:21	48302 ORWI_T2	1	2	1	0.3	0.15	-0.15	0	0	0	0	0	0	0	0
12/7/2023 12:21	43402 BENT_T1	4	0	-4	0.4	0	-0.4	0	0	2	2	0	1500	1500	0
12/7/2023 12:21	47403 PENS_T1	1	1	0	1.1	1.8	0.7	0	0	0	0	0	0	0	0
12/7/2023 12:22	67001 STHI_T2	1	8	7	0.3	0.16	-0.14	0	0	0	0	0	0	0	0
12/7/2023 12:22	47402 PENS_T1	114	119	5	1.38	1.75	0.37	0	0	0	0	0	0	0	0
12/7/2023 12:22	43402 BENT_T1	4	0	-4	0.4	0	-0.4	0	0	2	2	0	1500	1500	0
12/7/2023 12:23	43402 BENT_T1	4	0	-4	0.4	0	-0.4	0	0	2	2	0	1500	1500	0
12/7/2023 12:23	67001 STHI_T2	1	8	7	0.3	0.16	-0.14	0	0	0	0	0	0	0	0
12/7/2023 12:24	44301 BEAV_T2	0	1	1	0	0	0	0	0	2	2	0	1500	1500	0
12/7/2023 12:24	43402 BENT_T1	4	0	-4	0.4	0	-0.4	0	0	2	2	0	1500	1500	0
12/7/2023 12:25	43402 BENT_T1	4	0	-4	0.4	0	-0.4	0	0	2	2	0	1500	1500	0
12/7/2023 12:42	67002 STHI_T2	5	2	-3	0.1	0.1	0	0	0	0	0	0	0	0	0
12/7/2023 12:43	47001 HUGH_T2	0	0	0	0	0	0	0	0	1	1	0	900	900	0
12/7/2023 12:48	47001 HUGH_T2	0	0	0	0	0	0	0	0	1	1	0	900	900	0
12/7/2023 12:48	39601 LNFD_T1	0	0	0	0	0	0	0	0	1	1	0	900	900	0
12/7/2023 12:52	65001 NEFF_T2	0	0	0	0	0	0	0	0	1	1	0	1200	1200	0
12/7/2023 12:53	40505 CRES_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/7/2023 12:54	40502 CRES_T2	1	0	-1	0.1	0	-0.1	0	0	0	0	0	0	0	0
12/7/2023 12:55	40505 CRES_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/7/2023 12:56	40502 CRES_T2	1	0	-1	0.1	0	-0.1	0	0	0	0	0	0	0	0
12/7/2023 12:57	40505 CRES_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/7/2023 12:57	40502 CRES_T2	1	0	-1	0.1	0	-0.1	0	0	0	0	0	0	0	0
12/7/2023 12:58	40502 CRES_T2	1	0	-1	0.1	0	-0.1	0	0	0	0	0	0	0	0
12/7/2023 12:59	40502 CRES_T2	1	0	-1	0.1	0	-0.1	0	0	0	0	0	0	0	0
12/7/2023 13:00	53803 MBRG_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/7/2023 13:02	65001 NEFF_T2	0	0	0	0	0	0	0	0	1	1	0	1200	1200	0
12/7/2023 13:03	53801 MBRG_T2	7	0	-7	0.11	0	-0.11	0	0	0	0	0	0	0	0
12/7/2023 13:19	50506 MECH_T1	0	1	1	0	0.1	0.1	0	0	1	1	0	900	900	0
12/7/2023 13:20	50502 MECH_T1	1	1	0	2.6	2.6	0	0	0	0	0	0	0	0	0
12/7/2023 13:23	40502 CRES_T2	0	1	1	0	0.8	0.8	0	0	0	0	0	0	0	0
12/7/2023 13:24	40502 CRES_T2	0	1	1	0	0.8	0.8	0	0	0	0	0	0	0	0
12/7/2023 13:25	54505 ENOL_T2	1	1	0	0.9	1.1	0.2	0	0	0	0	0	0	0	0
12/7/2023 13:25	40502 CRES_T2	0	1	1	0	0.8	0.8	0	0	0	0	0	0	0	0
12/7/2023 13:26	40502 CRES_T2	0	1	1	0	0.8	0.8	0	0	0	0	0	0	0	0
12/7/2023 13:28	40502 CRES_T2	0	1	1	0	0.8	0.8	0	0	0	0	0	0	0	0
12/7/2023 13:29	40502 CRES_T2	0	1	1	0	0.8	0.8	0	0	0	0	0	0	0	0
12/7/2023 13:37	44301 BEAV_T2	1	1	0	0.1	0	-0.1	0	0	2	2	0	1500	1500	0
12/7/2023 13:39	65001 NEFF_T2	0	0	0	0	0	0	0	0	1	1	0	1200	1200	0
12/7/2023 13:41	54504 ENOL_T2	1	1	0	1.5	0	-1.5	0	0	0	0	0	0	0	0
12/7/2023 13:51	67002 STHI_T2	5	80	75	0.14	0.17	0.03	0	0	0	0	0	0	0	0
12/7/2023 13:53	67002 STHI_T2	5	80	75	0.14	0.17	0.03	0	0	0	0	0	0	0	0
12/7/2023 13:55	65001 NEFF_T2	0	0	0	0	0	0	0	0	1	0	-1	1200	0	-1200
12/7/2023 13:56	54502 ENOL_T2	5	3	-2	0.84	0.3	-0.54	0	0	1	0	-1	600	0	-600
12/7/2023 13:56	54502 ENOL_T2	5	3	-2	0.84	0.3	-0.54	0	0	1	0	-1	600	0	-600
12/7/2023 14:04	52403 GRPA_T2	3	2	-1	0.13	0	-0.13	0	0	0	0	0	0	0	0
12/7/2023 14:04	66901 SHIL_T2	30	91	61	0.11	0.17	0.06	0	0	1	0	-1	1200	0	-1200
12/7/2023 14:05	67502 WEWI_T2	0	0	0	0	0	0	0	0	1	0	-1	900	0	-900
12/7/2023 14:06	43304 WATS_T2	1	1	0	0.4	0	-0.4	0	0	0	0	0	0	0	0
12/7/2023 14:06	43001 ALWD_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/7/2023 14:06	67503 WEWI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/7/2023 14:07	67502 WEWI_T2	0	0	0	0	0	0	0	0	1	0	-1	900	0	-900
12/7/2023 14:08	67502 WEWI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/7/2023 14:09	44301 BEAV_T2	1	0	-1	0.1	0	-0.1	0	0	0	0	0	0	0	0
12/7/2023 14:09	40603 PIGR_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/7/2023 14:09	49803 UNIV_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/7/2023 14:09	43304 WATS_T2	1	1	0	0.4	0	-0.4	0	0	0	0	0	0	0	0
12/7/2023 14:11	43001 ALWD_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/7/2023 14:14	63804 HEMP_T1	1	1	0	6.1	5.9	-0.2	0	0	0	0	0	0	0	0
12/7/2023 14:16	63804 HEMP_T1	1	1	0	5.9	6.3	0.4	0	0	0	0	0	0	0	0
12/7/2023 14:21	43304 WATS_T2	1	2	1	0.1	0	-0.1	0	0	0	0	0	0	0	0
12/7/2023 14:21	59101 WALK_T2	1	1	0	0	0	0	0	0	0	0	0	0	0	0
12/7/2023 14:22	67201 TEHI_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/7/2023 14:22	59101 WALK_T2	1	1	0	0	0	0	0	0	0	0	0	0	0	0
12/7/2023 14:22	67203 TEHI_T1	0	2	2	0	0	0	0	0	0	0	0	0	0	0
12/7/2023 14:22	20403 ASHF_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/7/2023 14:22	67503 WEWI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/7/2023 14:22	43001 ALWD_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/7/2023 14:23	20401 ASHF_T2	1	0	-1	0.2	0	-0.2	0	0	0	0	0	0	0	0
12/7/2023 14:24	43402 BENT_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/7/2023 14:24	59101 WALK_T2	1	1	0	0	0	0	0	0	0	0	0	0	0	0
12/7/2023 14:24	43304 WATS_T2	1	2	1	0.1	0	-0.1	0	0	0	0	0	0	0	0
12/7/2023 14:25	59101 WALK_T2	1	1	0	0	0	0	0	0	0	0	0	0	0	0
12/7/2023 14:25	40601 PIGR_T1	0	2	2	0	0.1	0.1	0	0	0	0	0	0	0	0
12/7/2023 14:25	43304 WATS_T2	1	2	1	0.1	0	-0.1	0	0	0	0	0	0	0	0
12/7/2023 14:27	52401 GRPA_T2	1	0	-1	0.5	0	-0.5	0	0	0	0	0	0	0	0
12/7/2023 14:28	52404 GRPA_T2	1	0	-1	0.6	0.4	-0.2	0	0	0	0	0	0	0	0
12/7/2023 14:28	52401 GRPA_T2	1	0	-1	0.5	0	-0.5	0	0	0	0	0	0	0	0
12/7/2023 14:28	61801 EELI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/7/2023 14:29	43402 BENT_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/7/2023 14:30	52402 GRPA_T2	4	4	0	1.58	1.7	0.12	0	0	0	0	0	0	0	0
12/7/2023 14:31	42902 MIDD_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/7/2023 14:32	42902 MIDD_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/7/2023 14:33	46302 ROHR_T1	4	0	-4	0.65	0.5	-0.15	0	0	0	0	0	0	0	0
12/7/2023 14:35	64101 REFR_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/7/2023 14:36	64101 REFR_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/7/2023 14:37	43304 WATS_T2	0	2	2	0	0	0	0	0	0	0	0	0	0	0
12/7/2023 14:37	57401 SPAN_T1	3	3	0	0.43	0.55	0.12	0	0	0	0	0	0	0	0
12/7/2023 14:37	64101 REFR_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/7/2023 14:38	67203 TEHI_T1	2	0	-2	0.15	0	-0.15	0	0	0	0	0	0	0	0
12/7/2023 14:38	43304 WATS_T2	0	2	2	0	0	0	0	0	0	0	0	0	0	0
12/7/2023 14:38	59101 WALK_T2	1	1	0	0	0	0	0	0	0	0	0	0	0	0
12/7/2023 14:38	67503 WEWI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/7/2023 14:38	43001 ALWD_T1	0	2	2	0	0.1	0.1	0	0	0	0	0	0	0	0
12/7/2023 14:39	57403 SPAN_T1	5	20	15	0.16	0.25	0.09	0	0	0	0	0	0	0	0
12/7/2023 14:39	61801 EELI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/7/2023 14:40	43304 WATS_T2	0	2	2	0	0	0	0	0	0	0	0	0	0	0
12/7/2023 14:41	40603 PIGR_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/7/2023 14:42	65001 NEFF_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/7/2023 14:44	63501 HEID_TBK1-2	1	2	1	0.3	0.25	-0.05	0	0	0	0	0	0	0	0
12/7/2023 14:46	63501 HEID_TBK1-2	1	2	1	0.2	0.3	0.1	0	0	0	0	0	0	0	0
12/7/2023 14:46	52402 GRPA_T2	4	4	0	1.7	1.75	0.05	0	0	0	0	0	0	0	0
12/7/2023 14:47	64801 MONE_T2	66	64	-2	0.52	0.47	-0.05	0	0	0	0	0	0	0	0
12/7/2023 14:47	63501 HEID_TBK1-2	1	2	1	0.2	0.3	0.1	0	0	0	0	0	0	0	0
12/7/2023 14:48	64801 MONE_T2	66	64	-2	0.52	0.47	-0.05	0	0	0	0	0	0	0	0
12/7/2023 14:49	42801 SELI_T1	1	1	0	0	0	0	0	0	0	0	0	0	0	0
12/7/2023 14:49	46302 ROHR_T1	2	4	2	0.8	0.53	-0.27	0	0	0	0	0	0	0	0
12/7/2023 14:50	42801 SELI_T1	1	1	0	0	0	0	0	0	0	0	0	0	0	0
12/7/2023 14:51	42801 SELI_T1	1	1	0	0	0	0	0	0	0	0	0	0	0	0
12/7/2023 14:52	64101 REFR_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/7/2023 14:52	42801 SELI_T1	1	1	0	0	0	0	0	0	0	0	0	0	0	0
12/7/2023 14:53	42802 SELI_T1	1	1	0	0.3	0.3	0	0	0	0	0	0	0	0	0
12/7/2023 14:54	40502 CRES_T2	5	8	3	0.12	0.15	0.03	0	0	0	0	0	0	0	0
12/7/2023 14:55	42503 ALTA_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/7/2023 14:55	40502 CRES_T2	5	8	3	0.12	0.15	0.03	0	0	0	0	0	0	0	0
12/7/2023 14:56	40502 CRES_T2	5	8	3	0.12	0.15	0.03	0	0	0	0	0	0	0	0
12/7/2023 14:56	60201 ATGL_T2	8	9	1	0.24	0.27	0.03	0	0	0	0	0	0	0	0
12/7/2023 14:57	40502 CRES_T2	5	8	3	0.12	0.15	0.03	0	0	0	0	0	0	0	0
12/7/2023 14:58	40502 CRES_T2	5	8	3	0.12	0.15	0.03	0	0	0	0	0	0	0	0
12/7/2023 14:59	52404 GRPA_T2	1	1	0	0.4	0.7	0.3	0	0	0	0	0	0	0	0
12/7/2023 14:59	54502 ENOL_T2	2	18	16	0.45	0.3	-0.15	0	0	0	0	0	0	0	0
12/7/2023 14:59	40502 CRES_T2	5	8	3	0.12	0.15	0.03	0	0	0	0	0	0	0	0
12/7/2023 15:00	52404 GRPA_T2	1	1	0	0.4	0.7	0.3	0	0	0	0	0	0	0	0
12/7/2023 15:02	64101 REFR_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/7/2023 15:03	52004 LING_T2	0	10	10	0	0	0	0	0	0	0	0	0	0	0
12/7/2023 15:03	42802 SELI_T1	1	0	-1	0.3	0	-0.3	0	0	0	0	0	0	0	0
12/7/2023 15:04	47402 PENS_T1	119	117	-2	2.29	1.93	-0.36	0	0	0	0	0	0	0	0
12/7/2023 15:05	47401 PENS_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/7/2023 15:06	42201 SHEN_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/7/2023 15:06	47402 PENS_T1	119	117	-2	2.29	1.93	-0.36	0	0	0	0	0	0	0	0
12/7/2023 15:07	64101 REFR_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/7/2023 15:08	42802 SELI_T1	1	0	-1	0.3	0	-0.3	0	0	0	0	0	0	0	0
12/7/2023 15:08	10805 CHHI_T2	11	7	-4	2.82	2.71	-0.11	0	0	0	0	0	0	0	0
12/7/2023 15:11	64101 REFR_T1	0	0	0	0	0	0	0

12/7/2023 17:22	40603 PIGR_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
12/7/2023 17:34	43401 BENT_T1	3	1	-2	0.73	0	-0.73	0	0	0	0	0	0	0
12/7/2023 17:34	42701 AUGU_T1	14	1	-13	0.28	0	-0.28	0	0	0	0	0	0	0
12/7/2023 17:35	43401 BENT_T1	3	1	-2	0.73	0	-0.73	0	0	0	0	0	0	0
12/7/2023 17:36	45501 DERR_T2	0	2	2	0	0.2	0.2	0	0	0	0	0	0	0
12/7/2023 17:36	43402 BENT_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
12/7/2023 17:37	43401 BENT_T1	3	1	-2	0.73	0	-0.73	0	0	0	0	0	0	0
12/7/2023 17:38	43401 BENT_T1	3	1	-2	0.73	0	-0.73	0	0	0	0	0	0	0
12/7/2023 17:39	43401 BENT_T1	3	1	-2	0.73	0	-0.73	0	0	0	0	0	0	0
12/7/2023 17:40	43402 BENT_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
12/7/2023 17:40	25402 LAHA_T2	1	2	1	0.1	0.1	0	0	0	0	0	0	0	0
12/7/2023 17:41	43402 BENT_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
12/7/2023 17:42	43402 BENT_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
12/7/2023 17:43	43402 BENT_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
12/7/2023 17:44	56802 BENV_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
12/7/2023 17:44	43401 BENT_T1	3	1	-2	0.73	0	-0.73	0	0	0	0	0	0	0
12/7/2023 17:45	43401 BENT_T1	0	3	3	0	1.6	1.6	0	0	0	0	0	0	0
12/7/2023 17:46	43402 BENT_T1	0	1	1	0	0	0	0	0	0	0	0	0	0
12/7/2023 17:46	52402 GRPA_T2	4	4	0	0.58	0.53	-0.05	0	0	0	0	0	0	0
12/7/2023 17:46	64202 KINZ_T1	0	6	6	0	0.18	0.18	0	0	0	0	0	0	0
12/7/2023 17:46	24902 WHHA_T1	7	6	-1	0.69	0.93	0.24	0	0	0	0	0	0	0
12/7/2023 17:47	43401 BENT_T1	0	3	3	0	1.6	1.6	0	0	0	0	0	0	0
12/7/2023 17:47	40101 HUNT_T2	486	430	-56	1.19	1.07	-0.12	0	0	0	0	0	0	0
12/7/2023 17:48	43401 BENT_T1	0	3	3	0	1.6	1.6	0	0	0	0	0	0	0
12/7/2023 17:48	40101 HUNT_T2	486	430	-56	1.19	1.07	-0.12	0	0	0	0	0	0	0
12/7/2023 17:48	42701 AUGU_T1	1	1	0	1	0	-1	0	0	0	0	0	0	0
12/7/2023 17:49	43402 BENT_T1	0	1	1	0	0	0	0	0	0	0	0	0	0
12/7/2023 17:50	43401 BENT_T1	0	3	3	0	1.6	1.6	0	0	0	0	0	0	0
12/7/2023 17:51	65001 NEFF_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
12/7/2023 17:51	43402 BENT_T1	0	1	1	0	0	0	0	0	0	0	0	0	0
12/7/2023 17:52	43401 BENT_T1	0	3	3	0	1.6	1.6	0	0	0	0	0	0	0
12/7/2023 17:54	27102 GFLD_T2	1	0	-1	3.2	0	-3.2	0	0	0	0	0	0	0
12/7/2023 17:54	43402 BENT_T1	0	1	1	0	0	0	0	0	0	0	0	0	0
12/7/2023 17:55	43401 BENT_T1	0	3	3	0	1.6	1.6	0	0	0	0	0	0	0
12/7/2023 17:56	43402 BENT_T1	0	1	1	0	0	0	0	0	0	0	0	0	0
12/7/2023 17:57	43402 BENT_T1	0	1	1	0	0	0	0	0	0	0	0	0	0
12/7/2023 17:58	20801 LOPO_T1	11	0	-11	3.47	0	-3.47	0	0	0	0	0	0	0
12/7/2023 17:58	42801 SELI_T1	1	2	1	0	6.7	6.7	0	0	0	0	0	0	0
12/7/2023 17:58	43402 BENT_T1	0	1	1	0	0	0	0	0	0	0	0	0	0
12/7/2023 17:59	43402 BENT_T1	0	1	1	0	0	0	0	0	0	0	0	0	0
12/7/2023 17:59	44201 POIN_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
12/7/2023 18:00	43201 MVIL_T2	1	0	-1	0.3	0	-0.3	0	0	0	0	0	0	0
12/7/2023 18:00	43401 BENT_T1	1	3	2	2.1	1.6	-0.5	0	0	0	0	0	0	0
12/7/2023 18:01	43402 BENT_T1	0	3	3	0	0.1	0.1	0	0	0	0	0	0	0
12/7/2023 18:02	43401 BENT_T1	1	3	2	2.1	1.6	-0.5	0	0	0	0	0	0	0
12/7/2023 18:03	43402 BENT_T1	0	3	3	0	0.1	0.1	0	0	0	0	0	0	0
12/7/2023 18:03	40602 PIGR_T1	0	1	1	0	0	0	0	0	0	0	0	0	0
12/7/2023 18:04	43402 BENT_T1	0	3	3	0	0.1	0.1	0	0	0	0	0	0	0
12/7/2023 18:04	42701 AUGU_T1	0	8	8	0	0.3	0.3	0	0	0	0	0	0	0
12/7/2023 18:05	43401 BENT_T1	1	3	2	2.1	1.6	-0.5	0	0	0	0	0	0	0
12/7/2023 18:05	40101 HUNT_T2	422	385	-37	1.12	1	-0.12	0	0	0	0	0	0	0
12/7/2023 18:06	60201 ATGL_T2	40	62	22	0.24	0.27	0.03	0	0	0	0	0	0	0
12/7/2023 18:06	43402 BENT_T1	0	3	3	0	0.1	0.1	0	0	0	0	0	0	0
12/7/2023 18:07	42201 SHEN_T2	1	0	-1	0.7	0	-0.7	0	0	0	0	0	0	0
12/7/2023 18:07	43402 BENT_T1	0	3	3	0	0.1	0.1	0	0	0	0	0	0	0
12/7/2023 18:08	43402 BENT_T1	0	3	3	0	0.1	0.1	0	0	0	0	0	0	0
12/7/2023 18:08	42701 AUGU_T1	0	8	8	0	0.3	0.3	0	0	0	0	0	0	0
12/7/2023 18:09	40602 PIGR_T1	0	1	1	0	0	0	0	0	0	0	0	0	0
12/7/2023 18:09	42701 AUGU_T1	0	8	8	0	0.3	0.3	0	0	0	0	0	0	0
12/7/2023 18:09	43402 BENT_T1	0	3	3	0	0.1	0.1	0	0	0	0	0	0	0
12/7/2023 18:10	43402 BENT_T1	0	3	3	0	0.1	0.1	0	0	0	0	0	0	0
12/7/2023 18:11	24902 WHHA_T1	5	6	1	0.98	0.48	-0.5	0	0	0	0	0	0	0
12/7/2023 18:11	43401 BENT_T1	1	3	2	2.1	1.6	-0.5	0	0	0	0	0	0	0
12/7/2023 18:11	42701 AUGU_T1	0	8	8	0	0.3	0.3	0	0	0	0	0	0	0
12/7/2023 18:12	51003 NHAR_T1	0	3	3	0	0.2	0.2	0	0	0	0	0	0	0
12/7/2023 18:12	64203 KINZ_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
12/7/2023 18:12	43401 BENT_T1	1	3	2	2.1	1.6	-0.5	0	0	0	0	0	0	0
12/7/2023 18:12	41801 GOCI_T2	1	1	0	1.7	1.6	-0.1	0	0	0	0	0	0	0
12/7/2023 18:13	46301 ROHR_T1	1	1	0	0.2	0.3	0.1	0	0	0	0	0	0	0
12/7/2023 18:13	43402 BENT_T1	0	3	3	0	0.1	0.1	0	0	0	0	0	0	0
12/7/2023 18:13	26401 INOR_T1	1	1	0	0.6	1.8	1.2	0	0	0	0	0	0	0
12/7/2023 18:14	45802 HEGI_T2	0	1	1	0	0	0	0	0	0	0	0	0	0
12/7/2023 18:14	44201 POIN_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
12/7/2023 18:14	47001 HUGH_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
12/7/2023 18:15	57401 SPAN_T1	2	2	0	0.3	0.45	0.15	0	0	0	0	0	0	0
12/7/2023 18:15	42802 SELI_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
12/7/2023 18:15	42503 ALTA_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
12/7/2023 18:16	52403 GRPA_T2	5	16	11	0.76	0.69	-0.07	0	0	0	0	0	0	0
12/7/2023 18:16	43402 BENT_T1	1	3	2	0.1	0.35	0.25	0	0	0	0	0	0	0
12/7/2023 18:16	44201 POIN_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
12/7/2023 18:17	53601 DALM_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
12/7/2023 18:17	67502 WEWI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
12/7/2023 18:17	65003 NEFF_T2	2	23	21	0.15	0.12	-0.03	0	0	0	0	0	0	0
12/7/2023 18:18	40101 HUNT_T2	370	462	92	1.09	1.05	-0.04	0	0	0	0	0	0	0
12/7/2023 18:18	67503 WEWI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
12/7/2023 18:18	57401 SPAN_T1	2	2	0	0.3	0.45	0.15	0	0	0	0	0	0	0
12/7/2023 18:18	40502 CRES_T2	8	7	-1	0.19	0.16	-0.03	0	0	0	0	0	0	0
12/7/2023 18:20	67002 STHI_T2	3	26	23	0.13	0.15	0.02	0	0	0	0	0	0	0
12/7/2023 18:20	46801 HEPB_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
12/7/2023 18:20	60501 NMAN_T2	3	5	2	3.83	4.37	0.54	0	0	0	0	0	0	0
12/7/2023 18:20	57401 SPAN_T1	2	2	0	0.3	0.45	0.15	0	0	0	0	0	0	0
12/7/2023 18:21	42801 SELI_T1	1	1	0	0	0	0	0	0	0	0	0	0	0
12/7/2023 18:21	67602 WARW_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
12/7/2023 18:21	52002 LING_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
12/7/2023 18:21	40502 CRES_T2	8	7	-1	0.19	0.16	-0.03	0	0	0	0	0	0	0
12/7/2023 18:21	63501 HEID_TBK1-2	27	36	9	0.21	0.47	0.26	0	0	0	0	0	0	0
12/7/2023 18:22	49804 UNIV_T1	1	0	-1	0.2	0	-0.2	0	0	0	0	0	0	0
12/7/2023 18:22	42802 SELI_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
12/7/2023 18:22	43302 WATS_T2	0	4	4	0	0.43	0.43	0	0	0	0	0	0	0
12/7/2023 18:22	60801 BUCK_T1	58	83	25	0.27	0.32	0.05	0	0	0	0	0	0	0
12/7/2023 18:22	41801 GOCI_T2	1	1	0	1.6	1.4	-0.2	0	0	0	0	0	0	0
12/7/2023 18:22	60701 BREC_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
12/7/2023 18:22	43001 ALWD_T1	0	2	2	0	0.1	0.1	0	0	0	0	0	0	0
12/7/2023 18:23	16402 MOPO_T1	1	1	0	1	0	-1	0	0	0	0	0	0	0
12/7/2023 18:23	13606 RICH_T2	1	1	0	0.2	0	-0.2	0	0	0	0	0	0	0
12/7/2023 18:23	47402 PENS_T1	106	109	3	0.92	1	0.08	0	0	0	0	0	0	0
12/7/2023 18:23	64201 KINZ_T1	280	365	85	0.62	0.53	-0.09	0	0	0	0	0	0	0
12/7/2023 18:23	43201 MVIL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
12/7/2023 18:23	42802 SELI_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
12/7/2023 18:23	43302 WATS_T2	0	4	4	0	0.43	0.43	0	0	0	0	0	0	0
12/7/2023 18:23	43401 BENT_T1	3	1	-2	0.83	0	-0.83	0	0	0	0	0	0	0
12/7/2023 18:23	40502 CRES_T2	8	7	-1	0.19	0.16	-0.03	0	0	0	0	0	0	0
12/7/2023 18:24	41901 REED_T1	4	6	2	0.43	0.37	-0.06	0	0	0	0	0	0	0
12/7/2023 18:24	43001 ALWD_T1	0	2	2	0	0.1	0.1	0	0	0	0	0	0	0
12/7/2023 18:24	17803 GILB_T2	1	1	0	1.5	0.5	-1	0	0	0	0	0	0	0
12/7/2023 18:24	42801 SELI_T1	1	1	0	0	0	0	0	0	0	0	0	0	0
12/7/2023 18:24	60701 BREC_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
12/7/2023 18:24	40101 HUNT_T2	370	462	92	1.09	1.05	-0.04	0	0	0	0	0	0	0
12/7/2023 18:25	53501 EVIL_T2	0	1	1	0	0	0	0	0	0	0	0	0	0
12/7/2023 18:25	56802 BENV_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
12/7/2023 18:25	66504 SMAN_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
12/7/2023 18:25	47001 HUGH_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
12/7/2023 18:25	64101 REFR_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
12/7/2023 18:25	26401 INOR_T1	1	1	0	2.1	0.1	-2	0	0	0	0	0	0	0
12/7/2023 18:25	67103 SPRI_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
12/7/2023 18:25	67602 WARW_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
12/7/2023 18:26	43304 WATS_T2	8	4	-4	0.56	0.25	-0.31	0	0	0	0	0	0	0
12/7/2023 18:26	53501 EVIL_T2	0	1	1	0	0.3	0.3	0	0	0	0	0	0	0
12/7/2023 18:26	65901 SAKR_T2	1	1	0	8.5	8.6	0.1	0	0	0	0	0	0	0
12/7/2023 18:26	40201 BEGA_T2	1	1	0	1.2	0.8	-0.4	0	0	0	0	0	0	0
12/7/2023 18:26	20402 ASHF_T2	8	2	-6	0.94	0.4	-0.54	0	0	0	0	0	0	0
12/7/2023 18:26	40502 CRES_T2	8	7	-1	0.19	0.16	-0.03	0	0	0	0	0	0	0
12/7/2023 18:26	17802 GILB_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
12/7/2023 18:27	46001 BERW_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
12/7/2023 18:27	10805 CHHI_T2	7	11	4	2.93	2.62	-0.31	0	0	0	0	0	0	0
12/7/2023 18:27	29402 BELT_T1	1	2	1	6.3	7.7	1.4	0	0	0	0	0	0	0
12/7/2023 18:27	67503 WEWI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
12/7/2023 18:27	54502 ENOL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
12/7/2023 18:27	40502 CRES_T2	8	7	-1	0.19	0.16	-0.03	0	0	0	0	0	0	0
12/7/2023 18:27	62604 ENGL_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
12/7/2023 18:28	60201 ATGL_T2	62	35	-27	0.27	0.23	-0.04	0	0	0	0	0	0	0
12/7/2023 18:28	67103 SPRI_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
12/7/2023 18:28	65001 NEFF_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
12/7/2023 18:28	16302 ALPA_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
12/7/2023 18:29	45501 DERR_T2	1	0	-1	0.4	0	-0.4	0	0	0	0	0	0	0
12/7/2023 18:29	64801 MONE_T2	54	67	13	0.35	0.47	0.12	0	0	0	0	0	0	0
12/7/2023 18:29	43402 BENT_T1	1	3	2	0.1	0.35	0.25	0	0	0	0	0	0	0
12/7/2023 18:29	64202 KINZ_T1	6	9	3	0.18	0.23	0.05	0	0	0	0	0	0	0
12/7/2023 18:29	67001 STHI_T2	3	173	170	0.23	0.11	-0.12	0	0	0	0	0	0	0
12/7/2023 18:29	40502 CRES_T2	8	7	-1	0.19	0.16	-0.03	0	0	0	0	0	0	0
12/7/2023 18:29	57401 SPAN_T1	2	2	0	0.3	0.45	0.15	0	0	0	0	0	0	0
12/7/2023 18:30	45502 DERR_T2	1	1	0	1.4	0.5	-0.9	0	0	0	0	0	0	0
12/7/2023 18:30	16302 ALPA_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
12/7/2023 18:30	43402 BENT_T1	3	2	-1	0.63	0	-0.63	0	0	0	0	0	0	0
12/7/2023 18:30	14403 SSLA_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
12/7/2023 18:30	46302 ROHR_T1	0	2	2	0	0.2	0.2	0	0	0	0	0	0	0
12/7/2023 18:30	47401 PENS_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
12/7/2023 18:30	42201 SHEN_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
12/7/2023 18:30	17802 GILB_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
12/7/2023 18:30	45003 LIME_2	1	4	3	1.8	1	-0.8	0	0	0	0	0	0	0
12/7/2023 18:30	29402 BELT_T1	1	2	1	7.7	7.5	-0.2	0	0	0	0	0	0	0
12/7/2023 18:30	40502 CRES_T2	7	3	-4	0.16	0.17	0.01	0	0	0	0	0	0	0
12/7/2023 18:31	10805 CHHI_T2	11	9	-2	2.27	3.3	1.03	0	0	0	0	0	0	0
12/7/2023 18:31	47403 PENS_T1	1	1	0	1.7	1.8	0.1	0	0	0	0	0	0	0
12/7/2023 18:31	43301 WATS_T2	0	1	1	0	0	0	0	0	0	0	0	0	0
12/7/2023 18:31	17803 GILB_T2	1	1	0	0.9	0	-0.9	0	0	0	0	0	0	0
12/7/2023 18:31	13904 SEID_T1	13	25	12	0.5	0.64	0.14	0	0	0	0	0	0	0
12/7/2023 18:31	46001 BERW_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
12/7/2023 18:31	29401 BELT_T1	92	71	-21	0.45	0.36	-0.09	0	0	0	0	0	0	0
12/7/2023 18:31	67002 STHI_T2	16	25	9	0.14	0.15	0.01	0	0	0	0	0	0	0
12/7/2023 18:31	10803 CHHI_T1	0	4	4	0	0	0	0	0	0	0	0	0	0
12/7/2023 18:31	57401 SPAN_T1	2	2	0	0.45	0.45	0	0	0	0	0	0	0	0
12/7/2023 18:31	63501 HEID_TBK1-2	34	32	-2	0.48	0.36	-0.12	0	0	0	0	0	0	0
12/7/2023 18:31	64101 REFR_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
12/7/2023 18:31	43402 BENT_T1	3	2	-1	0.63	0	-0.63	0	0	0	0	0	0	0
12/7/2023 18:31	27502 WEIS_T2	2	0	-2	0.1	0	-0.1	0	0	0	0	0	0	0
12/7/2023 18:32	43402 BENT_T1	3	2	-1	0.63	0	-0.63	0	0	0	0	0	0	0
12/7/2023 18:32	12701 MACU_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
12/7/2023 18:32	55002 NEWP_T1	2	4	2	0.15	0.35	0.2	0	0	0	0	0	0	0
12/7/2023 18:32	49803 UNIV_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
12/7/2023 18:32	10805 CHHI_T2	11	9	-2	2.27	3.3	1.03	0	0	0	0	0	0	0
12/7/2023 18:32	40502 CRES_T2	7	3	-4	0.16	0.17	0.01	0	0	0	0	0	0	0
12/7/2023 18:32	42902 MIDD_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
12/7/2023 18:32	43202 MVIL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
12/7/2023 18:33	42701 AUGU_T1	8	4	-4	0.61	0.1	-0.51	0	0	0	0	0	0	0
12/7/2023 18:33	40502 CRES_T2	7	3	-4	0.16	0.17	0.01	0	0	0	0	0	0	0
12/7/2023 18:34	43402 BENT_T1	3	2	-1	0.63	0	-0.63	0	0	0	0	0	0	0
12/7/2023 18:34	48302 ORWI_T2	3	3	0	0.97	1	0.03	0	0	0	0	0	0	0
12/7/2023 18:34	63402 HONY_T2	1	1	0	0.6	0.8	0.2	0	0	0	0	0	0	0
12/7/2023 18:34	47402 PENS_T1	37	110	73	1.38	1	-0.38	0	0	0	0	0	0	0
12/7/2023 18:34	67203 TEHE_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
12/7/2023 18:34	64101 REFR_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
12/7/2023 18:34	45402 WBLO_

12/7/2023 18:37	56801 BENV_T1	1	0	-1	0.1	0	-0.1	0	0	0	0	0	0	0
12/7/2023 18:37	11103 EGYP_T1	0	5	5	0	0	0	0	0	0	0	0	0	0
12/7/2023 18:37	12701 MACU_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
12/7/2023 18:37	12202 FOGE_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
12/7/2023 18:37	64101 REFR_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
12/7/2023 18:37	40502 CRES_T2	7	3	-4	0.16	0.17	0.01	0	0	0	0	0	0	0
12/7/2023 18:37	66901 SHIL_T2	4	3	-1	0.13	0.1	-0.03	0	0	0	0	0	0	0
12/7/2023 18:38	43304 WATS_T2	2	5	3	0.25	0.35	0.1	0	0	0	0	0	0	0
12/7/2023 18:38	56802 BENV_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
12/7/2023 18:38	45802 HEGI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
12/7/2023 18:38	40502 CRES_T2	7	3	-4	0.16	0.17	0.01	0	0	0	0	0	0	0
12/7/2023 18:38	56501 ROCK_T2	1	1	0	1	0.5	-0.5	0	0	0	0	0	0	0
12/7/2023 18:38	43401 BENT_T1	1	0	-1	1.7	0	-1.7	0	0	0	0	0	0	0
12/7/2023 18:38	59101 WALK_T2	1	1	0	0	0	0	0	0	0	0	0	0	0
12/7/2023 18:38	62604 ENGL_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
12/7/2023 18:38	46004 BERW_T2	1	2	1	0.6	0.15	-0.45	0	0	0	0	0	0	0
12/7/2023 18:39	52401 GRPA_T2	2	4	2	0.35	0	-0.35	0	0	0	0	0	0	0
12/7/2023 18:39	52501 PROG_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
12/7/2023 18:39	42801 SELI_T1	1	1	0	0	0	0	0	0	0	0	0	0	0
12/7/2023 18:39	52404 GRPA_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
12/7/2023 18:39	42902 MIDD_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
12/7/2023 18:39	59301 MCAL_T1	1	2	1	0.1	0.1	0	0	0	0	0	0	0	0
12/7/2023 18:39	45702 LIND_T2	1	1	0	0.7	0.5	-0.2	0	0	0	0	0	0	0
12/7/2023 18:39	56802 BENV_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
12/7/2023 18:39	43401 BENT_T1	1	0	-1	1.7	0	-1.7	0	0	0	0	0	0	0
12/7/2023 18:39	56801 BENV_T1	1	0	-1	0.1	0	-0.1	0	0	0	0	0	0	0
12/7/2023 18:39	40201 BEGA_T2	1	1	0	0.8	0.7	-0.1	0	0	0	0	0	0	0
12/7/2023 18:40	56801 BENV_T1	1	0	-1	0.1	0	-0.1	0	0	0	0	0	0	0
12/7/2023 18:40	43401 BENT_T1	1	0	-1	1.7	0	-1.7	0	0	0	0	0	0	0
12/7/2023 18:40	57403 SPAN_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
12/7/2023 18:40	43301 WATS_T2	0	1	1	0	0	0	0	0	0	0	0	0	0
12/7/2023 18:40	56802 BENV_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
12/7/2023 18:40	59101 WALK_T2	1	1	0	0	0	0	0	0	0	0	0	0	0
12/7/2023 18:41	43401 BENT_T1	1	0	-1	1.7	0	-1.7	0	0	0	0	0	0	0
12/7/2023 18:41	57401 SPAN_T1	2	2	0	0.45	0.45	0	0	0	0	0	0	0	0
12/7/2023 18:41	56802 BENV_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
12/7/2023 18:41	59101 WALK_T2	1	1	0	0	0	0	0	0	0	0	0	0	0
12/7/2023 18:42	41902 REED_T1	15	29	14	0.42	0.56	0.14	0	0	0	0	0	0	0
12/7/2023 18:42	16302 ALPA_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
12/7/2023 18:42	56801 BENV_T1	1	0	-1	0.1	0	-0.1	0	0	0	0	0	0	0
12/7/2023 18:42	58402 MORO_T1	2	3	1	0.65	0	-0.65	0	0	0	0	0	0	0
12/7/2023 18:42	62604 ENGL_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
12/7/2023 18:42	43402 BENT_T1	3	2	-1	0.63	0	-0.63	0	0	0	0	0	0	0
12/7/2023 18:43	63501 HEID_TBK1-2	14	32	-2	0.48	0.36	-0.12	0	0	0	0	0	0	0
12/7/2023 18:43	56802 BENV_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
12/7/2023 18:43	64101 REFR_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
12/7/2023 18:43	58402 MORO_T1	2	3	1	0.65	0	-0.65	0	0	0	0	0	0	0
12/7/2023 18:43	43402 BENT_T1	3	2	-1	0.63	0	-0.63	0	0	0	0	0	0	0
12/7/2023 18:43	57401 SPAN_T1	2	2	0	0.45	0.45	0	0	0	0	0	0	0	0
12/7/2023 18:43	53501 EVIL_T2	1	0	-1	0.3	0	-0.3	0	0	0	0	0	0	0
12/7/2023 18:44	64802 MONE_T2	134	155	21	0.39	0.48	0.09	0	0	0	0	0	0	0
12/7/2023 18:44	43401 BENT_T1	1	0	-1	1.7	0	-1.7	0	0	0	0	0	0	0
12/7/2023 18:44	11103 EGYP_T1	0	5	5	0	0	0	0	0	0	0	0	0	0
12/7/2023 18:44	65001 NEFF_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
12/7/2023 18:44	52402 GRPA_T2	5	5	0	0.64	0.83	0.19	0	0	0	0	0	0	0
12/7/2023 18:44	64101 REFR_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
12/7/2023 18:44	43304 WATS_T2	2	5	3	0.25	0.35	0.1	0	0	0	0	0	0	0
12/7/2023 18:44	55001 NEWP_T1	0	1	1	0	0	0	0	0	0	0	0	0	0
12/7/2023 18:44	67201 TEHI_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
12/7/2023 18:45	40902 JESH_T1	0	1	1	0	0	0	0	0	0	0	0	0	0
12/7/2023 18:45	20401 ASHF_T2	1	2	1	0.2	0	-0.2	0	0	0	0	0	0	0
12/7/2023 18:45	61801 EELI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
12/7/2023 18:45	43402 BENT_T1	2	2	0	0.35	0	-0.35	0	0	0	0	0	0	0
12/7/2023 18:45	14403 SSLA_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
12/7/2023 18:46	65901 SAKR_T2	1	1	0	8.3	8.7	0.4	0	0	0	0	0	0	0
12/7/2023 18:46	43402 BENT_T1	2	2	0	0.35	0	-0.35	0	0	0	0	0	0	0
12/7/2023 18:46	53501 EVIL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
12/7/2023 18:46	62604 ENGL_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
12/7/2023 18:47	43402 BENT_T1	2	2	0	0.35	0	-0.35	0	0	0	0	0	0	0
12/7/2023 18:47	14403 SSLA_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
12/7/2023 18:48	64101 REFR_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
12/7/2023 18:48	55001 NEWP_T1	1	0	-1	0.7	0	-0.7	0	0	0	0	0	0	0
12/7/2023 18:48	43402 BENT_T1	2	2	0	0.35	0	-0.35	0	0	0	0	0	0	0
12/7/2023 18:49	57401 SPAN_T1	2	2	0	0.3	0.45	0.15	0	0	0	0	0	0	0
12/7/2023 18:49	52403 GRPA_T2	16	12	-4	0.94	0.3	-0.64	0	0	0	0	0	0	0
12/7/2023 18:49	59101 WALK_T2	1	1	0	0	0	0	0	0	0	0	0	0	0
12/7/2023 18:49	54504 ENOL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
12/7/2023 18:49	66703 STRA_T1	2	2	0	0.4	0.4	0	0	0	0	0	0	0	0
12/7/2023 18:49	56801 BENV_T1	0	1	1	0	0.4	0.4	0	0	0	0	0	0	0
12/7/2023 18:49	43402 BENT_T1	2	2	0	0.35	0	-0.35	0	0	0	0	0	0	0
12/7/2023 18:50	55105 WERT_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
12/7/2023 18:50	56501 ROCK_T2	1	1	0	0.5	0.6	0.1	0	0	0	0	0	0	0
12/7/2023 18:50	53901 HALI_T2	0	1	1	0	0.1	0.1	0	0	0	0	0	0	0
12/7/2023 18:50	43402 BENT_T1	2	2	0	0.35	0	-0.35	0	0	0	0	0	0	0
12/7/2023 18:50	58402 MORO_T1	1	2	1	0.5	0.1	-0.4	0	0	0	0	0	0	0
12/7/2023 18:50	56801 BENV_T1	0	1	1	0	0.4	0.4	0	0	0	0	0	0	0
12/7/2023 18:51	57401 SPAN_T1	2	2	0	0.3	0.45	0.15	0	0	0	0	0	0	0
12/7/2023 18:51	43304 WATS_T2	4	7	3	0.63	0.28	-0.35	0	0	0	0	0	0	0
12/7/2023 18:51	43402 BENT_T1	2	2	0	0.35	0	-0.35	0	0	0	0	0	0	0
12/7/2023 18:51	56801 BENV_T1	0	1	1	0	0.4	0.4	0	0	0	0	0	0	0
12/7/2023 18:51	53501 EVIL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
12/7/2023 18:51	59101 WALK_T2	1	1	0	0	0	0	0	0	0	0	0	0	0
12/7/2023 18:52	46506 LOHA_T1	1	1	0	0.3	0.1	-0.2	0	0	0	0	0	0	0
12/7/2023 18:52	43402 BENT_T1	2	2	0	0.35	0	-0.35	0	0	0	0	0	0	0
12/7/2023 18:52	56504 ROCK_T2	1	1	0	0.4	0	-0.4	0	0	0	0	0	0	0
12/7/2023 18:53	56802 BENV_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
12/7/2023 18:54	43402 BENT_T1	2	2	0	0.35	0	-0.35	0	0	0	0	0	0	0
12/7/2023 18:54	56801 BENV_T1	0	1	1	0.4	0.4	0.4	0	0	0	0	0	0	0
12/7/2023 18:55	52403 GRPA_T2	16	12	-4	0.94	0.3	-0.64	0	0	0	0	0	0	0
12/7/2023 18:55	43402 BENT_T1	2	2	0	0.35	0	-0.35	0	0	0	0	0	0	0
12/7/2023 18:55	56801 BENV_T1	0	1	1	0	0.4	0.4	0	0	0	0	0	0	0
12/7/2023 18:56	52402 GRPA_T2	5	4	-1	0.62	0.93	0.31	0	0	0	0	0	0	0
12/7/2023 18:56	43402 BENT_T1	2	2	0	0.35	0	-0.35	0	0	0	0	0	0	0
12/7/2023 18:57	43402 BENT_T1	2	2	0	0.35	0	-0.35	0	0	0	0	0	0	0
12/7/2023 18:58	43402 BENT_T1	2	2	0	0.35	0	-0.35	0	0	0	0	0	0	0
12/7/2023 18:59	67602 WARW_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
12/7/2023 18:59	43402 BENT_T1	2	2	0	0.35	0	-0.35	0	0	0	0	0	0	0
12/7/2023 19:00	43402 BENT_T1	0	3	3	0	0.6	0.6	0	0	0	0	0	0	0
12/7/2023 19:01	43402 BENT_T1	0	3	3	0	0.6	0.6	0	0	0	0	0	0	0
12/7/2023 19:01	12701 MACU_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
12/7/2023 19:02	43402 BENT_T1	0	3	3	0	0.6	0.6	0	0	0	0	0	0	0
12/7/2023 19:03	54502 ENOL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
12/7/2023 19:03	43402 BENT_T1	0	3	3	0	0.6	0.6	0	0	0	0	0	0	0
12/7/2023 19:04	43402 BENT_T1	0	3	3	0	0.6	0.6	0	0	0	0	0	0	0
12/7/2023 19:05	43402 BENT_T1	0	3	3	0	0.6	0.6	0	0	0	0	0	0	0
12/7/2023 19:06	43402 BENT_T1	0	3	3	0	0.6	0.6	0	0	0	0	0	0	0
12/7/2023 19:07	43402 BENT_T1	0	3	3	0	0.6	0.6	0	0	0	0	0	0	0
12/7/2023 19:08	43402 BENT_T1	0	3	3	0	0.6	0.6	0	0	0	0	0	0	0
12/7/2023 19:09	43402 BENT_T1	0	3	3	0	0.6	0.6	0	0	0	0	0	0	0
12/7/2023 19:10	43402 BENT_T1	0	3	3	0	0.6	0.6	0	0	0	0	0	0	0
12/7/2023 19:11	43402 BENT_T1	0	3	3	0	0.6	0.6	0	0	0	0	0	0	0
12/7/2023 19:12	43402 BENT_T1	0	3	3	0	0.6	0.6	0	0	0	0	0	0	0
12/7/2023 19:13	43402 BENT_T1	0	3	3	0	0.6	0.6	0	0	0	0	0	0	0
12/7/2023 19:22	53903 HALI_T2	2	2	0	1	1.3	0.3	0	0	0	0	0	0	0
12/7/2023 19:29	43402 BENT_T1	2	3	1	0.6	0	-0.6	0	0	0	0	0	0	0
12/7/2023 19:30	43402 BENT_T1	3	1	-2	0.8	0	-0.8	0	0	0	0	0	0	0
12/7/2023 19:31	57401 SPAN_T1	2	2	0	0.4	0.65	0.25	0	0	0	0	0	0	0
12/7/2023 19:31	43402 BENT_T1	3	1	-2	0.8	0	-0.8	0	0	0	0	0	0	0
12/7/2023 19:32	43402 BENT_T1	3	1	-2	0.8	0	-0.8	0	0	0	0	0	0	0
12/7/2023 19:34	43402 BENT_T1	3	1	-2	0.8	0	-0.8	0	0	0	0	0	0	0
12/7/2023 19:35	43402 BENT_T1	3	1	-2	0.8	0	-0.8	0	0	0	0	0	0	0
12/7/2023 19:36	43402 BENT_T1	3	1	-2	0.8	0	-0.8	0	0	0	0	0	0	0
12/7/2023 19:37	43402 BENT_T1	3	1	-2	0.8	0	-0.8	0	0	0	0	0	0	0
12/7/2023 19:38	43402 BENT_T1	3	1	-2	0.8	0	-0.8	0	0	0	0	0	0	0
12/7/2023 19:39	43402 BENT_T1	3	1	-2	0.8	0	-0.8	0	0	0	0	0	0	0
12/7/2023 19:40	43402 BENT_T1	3	1	-2	0.8	0	-0.8	0	0	0	0	0	0	0
12/7/2023 19:41	43402 BENT_T1	3	1	-2	0.8	0	-0.8	0	0	0	0	0	0	0
12/7/2023 19:42	43402 BENT_T1	3	1	-2	0.8	0	-0.8	0	0	0	0	0	0	0
12/7/2023 19:43	43402 BENT_T1	3	1	-2	0.8	0	-0.8	0	0	0	0	0	0	0
12/7/2023 19:44	43402 BENT_T1	3	1	-2	0.8	0	-0.8	0	0	0	0	0	0	0
12/7/2023 19:45	43402 BENT_T1	0	1	1	0	0	0	0	0	0	0	0	0	0
12/7/2023 19:46	43402 BENT_T1	0	1	1	0	0	0	0	0	0	0	0	0	0
12/7/2023 19:47	43402 BENT_T1	0	1	1	0	0	0	0	0	0	0	0	0	0
12/7/2023 19:48	43402 BENT_T1	0	1	1	0	0	0	0	0	0	0	0	0	0
12/7/2023 19:49	43402 BENT_T1	0	1	1	0	0	0	0	0	0	0	0	0	0
12/7/2023 19:50	43402 BENT_T1	0	1	1	0	0	0	0	0	0	0	0	0	0
12/7/2023 19:51	43402 BENT_T1	0	1	1	0	0	0	0	0	0	0	0	0	0
12/7/2023 19:52	43402 BENT_T1	0	1	1	0	0	0	0	0	0	0	0	0	0
12/7/2023 19:53	43402 BENT_T1	0	1	1	0	0	0	0	0	0	0	0	0	0
12/7/2023 20:16	52404 GRPA_T2	0	1	1	0	0.2	0.2	0	0	0	0	0	0	0
12/7/2023 20:51	65002 NEFF_T2	0	1	1	0	0	0	0	0	0	0	0	0	0
12/7/2023 22:25	65001 NEFF_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
12/7/2023 23:18	65001 NEFF_T2	3	2	-1	0.1	0.1	0	0	0	0	0	0	0	0
12/7/2023 23:34	65001 NEFF_T2	2	0	-2	0.1	0	-0.1	0	0	0	0	0	0	0
12/8/2023 0:05	65001 NEFF_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
12/8/2023 0:28	40101 HUNT_T2	2	2	0	0.35	0.35	0	0	0	0	0	0	0	0
12/8/2023 0:31	65001 NEFF_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
12/8/2023 1:24	65001 NEFF_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
12/8/2023 2:27	65001 NEFF_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
12/8/2023 3:44	24902 WHHA_T1	1	1	0	0.3	0.2	-0.1	0	0	0	0	0	0	0
12/8/2023 4:08	42701 AUGU_T1	1	1	0	0.6	0.9	0.3	0	0	0	0	0	0	0
12/8/2023 4:39	65001 NEFF_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
12/8/2023 6:02	65001 NEFF_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
12/8/2023 7:00	65001 NEFF_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
12/8/2023 7:42	65001 NEFF_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
12/8/2023 7:54	43402 BENT_T1	0	0	0	0	0	0	-0.86	0	1	1	0	900	900
12/8/2023 7:56	43402 BENT_T1	0	0	0	0	0	0	-0.86	0	1	1	0	900	900
12/8/2023 7:57	45502 DERR_T2	3	2	-1	0.37	0.2	-0.17	0	0	0	0	0	0	0
12/8/2023 8:03	40602 PIGR_T1	0	0	0	0	0	0	0.01	0	1	1	0	600	600
12/8/2023 8:13	52404 GRPA_T2	4	8	4	0.35	0	-0.35	0.15	0.14	0	0	0	0	0
12/8/2023 8:14	25402 LAHA_T2	0	0	0	0	0	0	-1.53	-1.51	0	0	0	0	0
12/8/2023 8:16	40101 HUNT_T2	499	279	-220	1.06	0.5	-0.56	-0.4	-0.81	0	0	0	0	0
12/8/2023 8:26	43402 BENT_T1	0	0	0	0	0	0	-0.85	-0.83	1	1	0	900	900
12/8/2023 8:29	65001 NEFF_T2	0	0	0	0	0	0	-0.43	-0.55	1	1	0	1200	1200
12/8/2023 8:29	43402 BENT_T1	0	0	0	0	0	0	-0.85	-0.83	1	1	0	900	900
12/8/2023 8:30	43402 BENT_T1	0	0	0	0	0	0	-0.85	-0.83	1	1	0	900	900
12/8/2023 8:31	43402 BENT_T1	0	0	0	0	0	0	-0.85	-0.83	1	1	0	900	900
12/8/2023 8:32	43402 BENT_T1	0	0	0	0	0	0	-0.85	-0.83	1	1	0	900	900
12/8/2023 8:32	55002 NEWP_T1	4	4	0	0.55	0.55	0	-0.15	-0.17	0	0	0	0	0
12/8/2023 8:33	67103 SPRI_T1	0	1	1	0	0	0	-0.04	-0.06	0	0	0	0	0
12/8/2023 8:33	43402 BENT_T1	0	0	0	0	0	0	-0.85	-0.83	1	1	0	900	900
12/8/2023 8:34	43402 BENT_T1	0	0	0	0	0	0	-0.85	-0.83	1	1	0	900	900
12/8/2023 8:35	43402 BENT_T1	0	0	0	0	0	0	-0.85	-0.83	1	1	0	900	900
12/8/2023 8:36	43402 BENT_T1	0	0	0	0	0	0	-0.85	-0.83	1	1	0	900	900
12/8/2023 8:37	43402 BENT_T1	0	0	0	0	0	0	-0.83	-0.83	1	1	0	900	900
12/8/2023 8:37	67103 SPRI_T1	0	1	1	0	0	0	-0.04	-0.06	0	0	0	0	0
12/8/2023 8:38	53601 DALM_T2	0	1	1	0	0.5	0.5	-0.67	-0.67	0	0	0	0	0
12/8/2023 8:38	43402 BENT_T1	0	0	0	0	0	0	-0.83	-0.83	1	1	0	900	900
12/8/2023 8:39	43402 BENT_T1	0	0	0	0	0	0	-0.83	-0.83	1	1	0	900	900
12/8/2023 8:40	43402 BENT_T1	0	0	0	0	0	0	-0.83	-0.83	1	1	0	900	900
12/8/2023 8:41	49803 UNIV_T1	0	0	0	0	0	0	-1.02	-1.02	0	0	0	0	0
12/8/2023 8:41	43402 BENT_T1	0	0	0	0	0	0	-0.83	-0.83	1	1	0	900	900
12/8/2023 8:42	43402 BENT_T1	0	0	0	0	0	0	-0.83	-0.83	1

12/8/2023 9:00	47101 MARL_T1	0	0	0	0	0	0	-0.48	-0.55	0	0	0	0	0	0
12/8/2023 9:00	52503 PROG_T2	0	0	0	0	0	0	-0.51	-0.53	1	1	0	900	900	0
12/8/2023 9:00	64101 REFR_T1	0	0	0	0	0	0	-0.02	-0.03	0	0	0	0	0	0
12/8/2023 9:00	11104 EGYP_T1	0	0	0	0	0	0	0.39	0.33	0	0	0	0	0	0
12/8/2023 9:00	40602 PIGR_T1	2	2	0	0.15	0.3	0.15	0.01	0.01	1	1	0	600	600	0
12/8/2023 9:00	64802 MONE_T2	0	0	0	0	0	0	0.01	0.01	0	0	0	0	0	0
12/8/2023 9:00	67503 WEWI_T2	0	0	0	0	0	0	-0.07	0.04	0	0	0	0	0	0
12/8/2023 9:00	43402 BENT_T1	0	0	0	0	0	0	-0.83	-0.82	1	1	0	900	900	0
12/8/2023 9:00	58402 MORO_T1	0	0	0	0	0	0	-0.83	-0.85	3	3	0	2400	2400	0
12/8/2023 9:01	12701 MACU_T1	0	0	0	0	0	0	-1.04	-1.06	1	1	0	1200	1200	0
12/8/2023 9:09	40201 BEGA_T2	2	3	1	0.55	0	-0.55	0	0	0	0	0	0	0	0
12/8/2023 9:09	10705 CATA_T2	0	1	1	0	0	0	-2.17	-2.22	1	1	0	900	900	0
12/8/2023 9:10	45502 DERR_T2	5	4	-1	0.3	0.1	-0.2	0	0	0	0	0	0	0	0
12/8/2023 9:12	63501 HEID_TBK1-2	20	36	16	0.17	0.44	0.27	-0.34	-0.34	1	1	0	900	900	0
12/8/2023 9:14	63501 HEID TBK1-2	20	36	16	0.17	0.44	0.27	-0.34	-0.34	1	1	0	900	900	0
12/8/2023 9:16	64702 LITI_T2	0	0	0	0	0	0	-0.82	-0.83	0	0	0	0	0	0
12/8/2023 9:16	63501 HEID_TBK1-2	35	36	1	0.44	0.46	0.02	-0.34	-0.34	1	1	0	900	900	0
12/8/2023 9:18	64702 LITI_T2	0	0	0	0	0	0	-0.82	-0.83	0	0	0	0	0	0
12/8/2023 9:19	55002 NEWP_T1	3	6	3	0.7	0.77	0.07	-0.18	-0.15	0	0	0	0	0	0
12/8/2023 9:19	67103 SPRI_T1	0	0	0	0	0	0	-0.06	-0.04	0	0	0	0	0	0
12/8/2023 9:21	67103 SPRI_T1	0	0	0	0	0	0	-0.06	-0.04	0	0	0	0	0	0
12/8/2023 9:22	14403 SSLA_T1	0	0	0	0	0	0	0.82	0.82	0	0	0	0	0	0
12/8/2023 9:23	14403 SSLA_T1	0	0	0	0	0	0	0.82	0.82	0	0	0	0	0	0
12/8/2023 9:23	67103 SPRI_T1	0	0	0	0	0	0	-0.04	-0.04	0	0	0	0	0	0
12/8/2023 9:24	29402 BELT_T1	1	1	0	6.9	7	0.1	0	0	0	0	0	0	0	0
12/8/2023 9:24	59101 WALK_T2	1	1	0	0	0	0	1.15	1.23	1	1	0	450	450	0
12/8/2023 9:24	43402 BENT_T1	0	0	0	0	0	0	-0.78	-0.62	1	1	0	900	900	0
12/8/2023 9:30	41801 GOCI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/8/2023 9:30	52404 GRPA_T2	1	1	0	0.1	0.1	0	0	0	0	0	0	0	0	0
12/8/2023 9:31	52404 GRPA_T2	1	1	0	0.1	0.1	0	0	0	0	0	0	0	0	0
12/8/2023 9:32	52403 GRPA_T2	90	22	-68	0.56	0.25	-0.31	0	0	0	0	0	0	0	0
12/8/2023 9:32	40601 PIGR_T1	0	3	3	0	0.1	0.1	0	0	0	0	0	0	0	0
12/8/2023 9:33	40601 PIGR_T1	0	3	3	0	0.1	0.1	0	0	0	0	0	0	0	0
12/8/2023 9:34	58402 MORO_T1	0	0	0	0	0	0	-0.86	-0.91	3	3	0	2400	2400	0
12/8/2023 9:35	58402 MORO_T1	0	0	0	0	0	0	-0.86	-0.91	3	3	0	2400	2400	0
12/8/2023 9:35	49803 UNIV_T1	0	0	0	0	0	0	-1.07	-1.08	0	0	0	0	0	0
12/8/2023 9:36	56504 ROCK_T2	6	0	-6	2.68	0	-2.68	0	0	0	0	0	0	0	0
12/8/2023 9:39	56802 BENV_T2	4	13	9	0.3	0.24	-0.06	-2.53	-1.31	0	0	0	0	0	0
12/8/2023 9:39	62607 ENGL_T1	0	0	0	0.5	0	0	-1.04	-1.05	1	1	0	300	300	0
12/8/2023 9:42	66504 SMAN_T2	1	0	-1	1.7	0	-1.7	0	0	0	0	0	0	0	0
12/8/2023 9:48	56501 ROCK_T2	3	7	4	1.27	0.65	-0.62	-1.71	-1.66	0	0	0	0	0	0
12/8/2023 9:49	56504 ROCK_T2	0	0	0	0	0	0	0.01	0	0	0	0	0	0	0
12/8/2023 9:50	56501 ROCK_T2	3	7	4	1.27	0.65	-0.62	-1.71	-1.66	0	0	0	0	0	0
12/8/2023 9:52	67602 WARW_T2	0	0	0	0	0	0	0.58	0.52	0	0	0	0	0	0
12/8/2023 9:52	56501 ROCK_T2	3	7	4	1.27	0.65	-0.62	-1.71	-1.66	0	0	0	0	0	0
12/8/2023 9:53	56501 ROCK_T2	3	7	4	1.27	0.65	-0.62	-1.66	-0.79	0	0	0	0	0	0
12/8/2023 9:54	67602 WARW_T2	0	0	0	0	0	0	0.58	0.52	0	0	0	0	0	0
12/8/2023 9:54	56802 BENV_T2	4	24	20	0.4	0.2	-0.2	-1.31	-1.22	0	0	0	0	0	0
12/8/2023 9:54	29402 BELT_T1	1	1	0	7	6.9	-0.1	0	0	0	0	0	0	0	0
12/8/2023 9:57	56802 BENV_T2	4	24	20	0.4	0.2	-0.2	-1.31	-1.22	0	0	0	0	0	0
12/8/2023 9:59	47001 HUGH_T2	0	0	0	0	0	0	-0.58	-0.59	0	0	0	0	0	0
12/8/2023 10:02	47001 HUGH_T2	0	0	0	0	0	0	-0.58	-0.59	0	0	0	0	0	0
12/8/2023 10:03	43201 MVIL_T2	0	0	0	0	0	0	-0.34	-0.33	0	0	0	0	0	0
12/8/2023 10:03	48302 ORWI_T2	2	3	1	0.65	0.8	0.15	0.13	0.11	0	0	0	0	0	0
12/8/2023 10:04	57401 SPAN_T1	1	2	1	0.2	0.35	0.15	-0.89	-0.96	1	0	-1	600	0	-600
12/8/2023 10:04	64101 REFR_T1	0	0	0	0	0	0	-0.04	-0.03	0	0	0	0	0	0
12/8/2023 10:05	57401 SPAN_T1	1	2	1	0.2	0.35	0.15	-0.89	-0.96	1	0	-1	600	0	-600
12/8/2023 10:05	43304 WATS_T2	0	1	1	0	0	0	-1.12	-1.16	0	0	0	0	0	0
12/8/2023 10:06	14403 SSLA_T1	0	0	0	0	0	0	0.78	0.8	0	0	0	0	0	0
12/8/2023 10:07	43304 WATS_T2	0	1	1	0	0	0	-0.58	0	0	0	0	0	0	0
12/8/2023 10:08	57403 SPAN_T1	0	8	8	0	0.18	0.18	0	0	0	0	0	0	0	0
12/8/2023 10:08	43304 WATS_T2	0	1	1	0	0	0	-0.58	0	0	0	0	0	0	0
12/8/2023 10:08	46004 BERW_T2	0	0	0	0	0	0	-0.67	0	0	0	0	0	0	0
12/8/2023 10:09	57403 SPAN_T1	0	8	8	0	0.18	0.18	0	0	0	0	0	0	0	0
12/8/2023 10:09	28604 BLYT_T2	0	0	0	0	0	0	-1.38	0	0	0	0	0	0	0
12/8/2023 10:09	43304 WATS_T2	0	1	1	0	0	0	-0.58	0	0	0	0	0	0	0
12/8/2023 10:10	45502 DERR_T2	1	8	7	0.7	0.38	-0.32	0	0	0	0	0	0	0	0
12/8/2023 10:10	66505 SMAN_T2	0	1	1	0	0.2	0.2	0	0	0	0	0	0	0	0
12/8/2023 10:10	43304 WATS_T2	0	1	1	0	0	0	-0.58	0	0	0	0	0	0	0
12/8/2023 10:11	45501 DERR_T2	0	0	0	0	0	0	0.44	0	2	0	-2	1800	0	-1800
12/8/2023 10:11	10801 CHHI_T1	0	2	2	0	0.25	0.25	-1.36	0	2	0	-2	1500	0	-1500
12/8/2023 10:13	64202 KINZ_T1	1	0	-1	0.2	0	-0.2	0	0	0	0	0	0	0	0
12/8/2023 10:13	54502 ENOL_T2	1	1	0	0.1	0.4	0.3	0	0	0	0	0	0	0	0
12/8/2023 10:13	26401 INOR_T1	0	0	0	0	0	0	0.55	0	0	0	0	0	0	0
12/8/2023 10:13	45802 HEGI_T2	0	0	0	0	0	0	0.99	0	0	0	0	0	0	0
12/8/2023 10:14	64204 KINZ_T1	1	1	0	0.8	0.3	-0.5	0	0	0	0	0	0	0	0
12/8/2023 10:14	45802 HEGI_T2	0	0	0	0	0	0	0.99	0	0	0	0	0	0	0
12/8/2023 10:14	53901 HALI_T2	0	1	1	0	0.2	0.2	0	0	0	0	0	0	0	0
12/8/2023 10:14	40101 HUNT_T2	228	79	-149	0.61	0.18	-0.43	-0.7	0	0	0	0	0	0	0
12/8/2023 10:15	40101 HUNT_T2	78	19	-59	0.41	0	-0.41	-0.7	0	0	0	0	0	0	0
12/8/2023 10:15	53903 HALI_T2	2	3	1	1.3	0.87	-0.43	-0.14	0	0	0	0	0	0	0
12/8/2023 10:15	54502 ENOL_T2	1	1	0	0.4	0.6	0.2	-2.06	0	1	0	-1	600	0	-600
12/8/2023 10:16	47402 PENS_T1	114	120	6	1.35	2.75	1.4	0	0	0	0	0	0	0	0
12/8/2023 10:17	65004 NEFF_T2	0	1	1	0	0.4	0.4	0	0	0	0	0	0	0	0
12/8/2023 10:17	55002 NEWP_T1	9	6	-3	0.86	1.05	0.19	-0.17	0	0	0	0	0	0	0
12/8/2023 10:18	55002 NEWP_T1	9	6	-3	0.86	1.05	0.19	-0.17	0	0	0	0	0	0	0
12/8/2023 10:18	47401 PENS_T1	1	2	1	0.6	0.75	0.15	-1.06	0	0	0	0	0	0	0
12/8/2023 10:18	67001 STHI_T2	183	592	409	0.12	0.28	0.16	0	0	0	0	0	0	0	0
12/8/2023 10:19	65004 NEFF_T2	0	1	1	0	0.4	0.4	0	0	0	0	0	0	0	0
12/8/2023 10:19	65901 SAKR_T2	1	1	0	9.4	9.3	-0.1	0	0	0	0	0	0	0	0
12/8/2023 10:19	47402 PENS_T1	114	120	6	1.35	2.75	1.4	0	0	0	0	0	0	0	0
12/8/2023 10:19	55001 NEWP_T1	1	0	-1	0.3	0	-0.3	0	0	0	0	0	0	0	0
12/8/2023 10:20	67001 STHI_T2	183	592	409	0.12	0.28	0.16	0	0	0	0	0	0	0	0
12/8/2023 10:20	46302 ROHR_T1	2	4	2	0.6	0.83	0.23	0.42	0	0	0	0	0	0	0
12/8/2023 10:21	55001 NEWP_T1	1	0	-1	0.3	0	-0.3	0	0	0	0	0	0	0	0
12/8/2023 10:21	67002 STHI_T2	30	358	328	0.15	0.2	0.05	0.71	0	0	0	0	0	0	0
12/8/2023 10:22	56501 ROCK_T2	2	1	-1	1.65	0.4	-1.25	0	0	0	0	0	0	0	0
12/8/2023 10:22	67002 STHI_T2	30	358	328	0.15	0.2	0.05	0	0	0	0	0	0	0	0
12/8/2023 10:22	47403 PENS_T1	1	1	0	1.8	1.5	-0.3	0	0	0	0	0	0	0	0
12/8/2023 10:22	67502 WEWI_T2	0	5	5	0	0.26	0.26	0	0	0	0	0	0	0	0
12/8/2023 10:22	57403 SPAN_T1	3	9	6	0.13	0.28	0.15	0	0	0	0	0	0	0	0
12/8/2023 10:22	62605 ENGL_T1	1	4	3	0.2	0.25	0.05	0	0	0	0	0	0	0	0
12/8/2023 10:22	14403 SSLA_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/8/2023 10:23	42601 TUSC_T1	34	5	-29	0.49	0.1	-0.39	0	0	0	0	0	0	0	0
12/8/2023 10:24	62604 ENGL_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/8/2023 10:24	43001 ALWD_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/8/2023 10:24	10805 CHHI_T2	13	14	1	2.3	1.86	-0.44	0	0	0	0	0	0	0	0
12/8/2023 10:25	51302 WIND_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/8/2023 10:25	43001 ALWD_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/8/2023 10:25	67502 WEWI_T2	0	5	5	0	0.26	0.26	0	0	0	0	0	0	0	0
12/8/2023 10:25	44301 BEAV_T2	1	3	2	0.1	0.33	0.23	0	0	0	0	0	0	0	0
12/8/2023 10:25	65001 NEFF_T2	0	1	1	0	0.2	0.2	0	0	0	0	0	0	0	0
12/8/2023 10:26	62605 ENGL_T1	1	4	3	0.2	0.25	0.05	0	0	0	0	0	0	0	0
12/8/2023 10:27	53901 HALI_T2	1	1	0	0.2	0.1	-0.1	0	0	0	0	0	0	0	0
12/8/2023 10:29	40101 HUNT_T2	78	19	-59	0.41	0	-0.41	0	0	0	0	0	0	0	0
12/8/2023 10:30	16402 MOPO_T1	1	0	-1	0.1	0	-0.1	0	0	0	0	0	0	0	0
12/8/2023 10:31	52403 GRPA_T2	2	2	0	0.45	0	-0.45	0	0	0	0	0	0	0	0
12/8/2023 10:31	40101 HUNT_T2	19	1	-18	0.2	0	-0.2	0	0	0	0	0	0	0	0
12/8/2023 10:32	64101 REFR_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/8/2023 10:32	65901 SAKR_T2	1	1	0	9.3	9.3	0	0	0	0	0	0	0	0	0
12/8/2023 10:34	67002 STHI_T2	74	357	283	0.21	0.2	-0.01	0	0	0	0	0	0	0	0
12/8/2023 10:34	13701 SCHN_T2	0	3	3	0	0.13	0.13	0	0	0	0	0	0	0	0
12/8/2023 10:34	64101 REFR_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/8/2023 10:35	43301 WATS_T2	0	1	1	0	0.2	0.2	0	0	0	0	0	0	0	0
12/8/2023 10:35	12202 FOGE_T2	99	0	-99	0.31	0	-0.31	0	0	0	0	0	0	0	0
12/8/2023 10:35	47401 PENS_T1	1	2	1	1.4	0.65	-0.75	0	0	0	0	0	0	0	0
12/8/2023 10:35	67002 STHI_T2	74	357	283	0.21	0.2	-0.01	0	0	0	0	0	0	0	0
12/8/2023 10:35	45402 WBLO_T2	1	1	0	0.4	0.4	0	0	0	0	0	0	0	0	0
12/8/2023 10:36	64101 REFR_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/8/2023 10:36	47401 PENS_T1	1	2	1	1.4	0.65	-0.75	0	0	0	0	0	0	0	0
12/8/2023 10:36	13704 SCHN_T2	5	5	0	0.18	0.22	0.04	0	0	0	0	0	0	0	0
12/8/2023 10:36	67502 WEWI_T2	0	14	14	0	0.23	0.23	0	0	0	0	0	0	0	0
12/8/2023 10:37	67002 STHI_T2	74	357	283	0.21	0.2	-0.01	0	0	0	0	0	0	0	0
12/8/2023 10:37	43301 WATS_T2	0	1	1	0	0.2	0.2	0	0	0	0	0	0	0	0
12/8/2023 10:37	44301 BEAV_T2	3	2	-1	0.3	0.45	0.15	0	0	0	0	0	0	0	0
12/8/2023 10:37	64101 REFR_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/8/2023 10:38	67001 STHI_T2	372	591	219	0.16	0.27	0.11	0	0	0	0	0	0	0	0
12/8/2023 10:39	43304 WATS_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/8/2023 10:39	43304 WATS_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/8/2023 10:39	43402 BENT_T1	0	1	1	0	0	0	0	0	0	0	0	0	0	0
12/8/2023 10:39	20403 ASHF_T2	0	4	4	0	0.53	0.53	0	0	0	0	0	0	0	0
12/8/2023 10:40	67503 WEWI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/8/2023 10:40	67503 WEWI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/8/2023 10:41	54502 ENOL_T2	1	1	0	0.3	0.6	0.3	0	0	0	0	0	0	0	0
12/8/2023 10:42	46803 HEPB_T2	0	1	1	0	0.1	0.1	0	0	0	0	0	0	0	0
12/8/2023 10:42	42102 FRAI_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/8/2023 10:43	54502 ENOL_T2	1	1	0	0.3	0.6	0.3	0	0	0	0	0	0	0	0
12/8/2023 10:44	54502 ENOL_T2	1	1	0	0.3	0.6	0.3	0	0	0	0	0	0	0	0
12/8/2023 10:45	64203 KINZ_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/8/2023 10:47	42903 MIDD_T2	0	3	3	0	0.1	0.1	0	0	0	0	0	0	0	0
12/8/2023 10:48	66901 SHIL_T2	171	71	-100	0.22	0.15	-0.07	0	0	0	0	0	0	0	0
12/8/2023 10:49	57401 SPAN_T1	4	2	-2	0.43	0.55	0.12	0	0	0	0	0	0	0	0
12/8/2023 10:50	13704 SCHN_T2	5	4	-1	0.22	0.15	-0.07	0	0	0	0	0	0	0	0
12/8/2023 10:50	67001 STHI_T2	591	400	-191	0.27	0.16	-0.11	0	0	0	0	0	0	0	0
12/8/2023 10:51	57403 SPAN_T1	7	32	25	0.29	0.34	0.05	0	0	0	0	0	0	0	0
12/8/2023 10:51	67002 STHI_T2	356	55	-301	0.2	0.16	-0.04	0	0	0	0	0	0	0	0
12/8/2023 10:52	67002 STHI_T2	356	55	-301	0.2	0.16	-0.04	0	0	0	0	0	0	0	0
12/8/2023 10:52	29402 BELT_T1	1	1	0	7.2	7.5	0.3	0	0	0	0	0	0	0	0
12/8/2023 10:52	27502 WEIS_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/8/2023 10:53	56802 BENV_T2	52	204	152	0.18	0.26	0.08	0	0	0	0	0	0	0	0
12/8/2023 10:53	67002 STHI_T2	356	55	-301	0.2	0.16	-0.04	0	0	0	0	0	0	0	0
12/8/2023 10:53	29401 BELT_T1	0	51	51	0	0.19	0.19	0	0	0	0	0	0	0	0
12/8/2023 10:54	29401 BELT_T1	0	51	51	0	0.19	0.19	0	0	0	0	0	0	0	0
12/8/2023 10:54	51604 DUKE_T2	1	3	2	0.2	0.77	0.57	0	0	0	0	0	0	0	0
12/8/2023 10:55	60803 BUCK_T1	0	10	10	0	0.23	0.23	0	0	0	0	0	0	0	0
12/8/2023 10:55	56802 BENV_T2	52	204	152	0.18	0.26	0.08	0	0	0	0	0	0	0	0
12/8/2023 10:55	60201 ATGL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/8/2023 10:56	44301 BEAV_T2	2	4	2	0.45	0.3	-0.15	0	0	0	0	0	0	0	0
12/8/2023 10:56	67602 WARW_T2	1	1	0	0.5	0	-0.5	0	0	0	0	0	0	0	0
12/8/2023 10:56	60803 BUCK_T1	0	10	10	0	0.23	0.23	0	0	0	0	0	0	0	0
12/8/2023 10:56	56802 BENV_T2	2	3	1	0.55	0.93	0.38	0	0	0	0	0	0	0	0
12/8/2023 10:56	56802 BENV_T2	52	204	152	0.18	0.26	0.08	0	0	0	0	0	0	0	0
12/8/2023 10:57	54505 ENOL_T2	1	1	0	1.1	1.1	0	0	0	0	0	0	0	0	0
12/8/2023 10:57	54505 ENOL_T2	1	1	0	1.1	1.1	0	0	0	0	0	0	0	0	0
12/8/2023 10:57	60201 ATGL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/8/2023 10:58	42902 MIDD_T2	2	120	118	0.25	0.43	0.18	0	0	0	0	0	0	0	0
12/8/2023 10:58	64702 LITI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/8/2023 10:59	64702 LITI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/8/2023 11:00	64801 MONE_T2	5	29	24	0.2	0.18	-0.02	0	0	0	0	0	0	0	0
12/8/2023 11:00	40101 HUNT_T2	0	2	2	0	0.1	0.1	0	0	0	0	0

Appendix C - Grid Benefits Achieved in Each Instance of Active Management

12/8/2023 11:22	51302 WIND_T2	2	1	-1	0.15	0.1	-0.05	0	0	0	0	0	0	0
12/8/2023 11:23	42802 SELI_T1	1	1	0	0.5	0.3	-0.2	0	0	0	0	0	0	0
12/8/2023 11:23	64305 LINC_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
12/8/2023 11:24	59101 WALK_T2	1	1	0	0	0	0	0	0	0	0	0	0	0
12/8/2023 11:25	67604 WARW_T1	0	1	1	0	0.2	0.2	0	0	0	0	0	0	0
12/8/2023 11:26	54502 ENOL_T2	1	1	0	0.6	0.4	-0.2	0	0	0	0	0	0	0
12/8/2023 11:27	26401 INOR_T1	1	2	1	0.2	0.2	0	0	0	0	0	0	0	0
12/8/2023 11:27	40101 HUNT_T2	1	4	3	0.2	0.6	0.4	0	0	0	0	0	0	0
12/8/2023 11:28	66503 SMAN_T2	5	151	146	0.1	0.16	0.06	0	0	0	0	0	0	0
12/8/2023 11:28	66502 SMAN_T2	0	3	3	0	0.13	0.13	0	0	0	0	0	0	0
12/8/2023 11:28	50105 HARR_T3	7	7	0	5.49	5.34	-0.15	0	0	0	0	0	0	0
12/8/2023 11:28	52006 LING_T2	1	2	1	0.2	0.35	0.15	0	0	0	0	0	0	0
12/8/2023 11:29	66505 SMAN_T2	1	3	2	0.2	0.27	0.07	0	0	0	0	0	0	0
12/8/2023 11:29	40101 HUNT_T2	1	4	3	0.2	0.6	0.4	0	0	0	0	0	0	0
12/8/2023 11:29	16302 ALPA_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
12/8/2023 11:30	54502 ENOL_T2	1	1	0	0.4	0.4	0	0	0	0	0	0	0	0
12/8/2023 11:31	65001 NEFF_T2	22	14	-8	0.15	0.16	0.01	0	0	0	0	0	0	0
12/8/2023 11:31	65003 NEFF_T2	6	7	1	0.37	0.43	0.06	0	0	0	0	0	0	0
12/8/2023 11:31	52401 GRPA_T2	3	4	1	0.43	0.58	0.15	0	0	0	0	0	0	0
12/8/2023 11:32	40101 HUNT_T2	2	12	10	5	0.6	-4.4	0	0	0	0	0	0	0
12/8/2023 11:32	16302 ALPA_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
12/8/2023 11:33	64101 REFR_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
12/8/2023 11:33	56504 ROCK_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
12/8/2023 11:34	13701 SCHN_T2	1	0	-1	0.1	0	-0.1	0	0	0	0	0	0	0
12/8/2023 11:34	12202 FOGE_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
12/8/2023 11:35	56501 ROCK_T2	1	0	-1	0.5	0	-0.5	0	0	0	0	0	0	0
12/8/2023 11:35	64101 REFR_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
12/8/2023 11:36	13704 SCHN_T2	4	3	-1	0.13	0.13	0	0	0	0	0	0	0	0
12/8/2023 11:36	20401 ASHF_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
12/8/2023 11:36	64101 REFR_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
12/8/2023 11:36	49803 UNIV_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
12/8/2023 11:36	43402 BENT_T1	0	3	3	0	0.75	0.75	0	0	0	0	0	0	0
12/8/2023 11:37	13704 SCHN_T2	4	3	-1	0.13	0.13	0	0	0	0	0	0	0	0
12/8/2023 11:37	64101 REFR_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
12/8/2023 11:37	20403 ASHF_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
12/8/2023 11:37	56501 ROCK_T2	1	0	-1	0.5	0	-0.5	0	0	0	0	0	0	0
12/8/2023 11:37	52202 DEVO_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
12/8/2023 11:38	13105 NHAM_T2	3	8	5	0.1	0	-0.1	0	0	0	0	0	0	0
12/8/2023 11:38	14403 SSLA_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
12/8/2023 11:39	42903 MIDD_T2	1	2	1	0.1	0.3	0.2	0	0	0	0	0	0	0
12/8/2023 11:39	67602 WARW_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
12/8/2023 11:39	60101 COCA_T1	3	5	2	0.27	0.24	-0.03	0	0	0	0	0	0	0
12/8/2023 11:39	20403 ASHF_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
12/8/2023 11:40	43402 BENT_T1	0	3	3	0	0.75	0.75	0	0	0	0	0	0	0
12/8/2023 11:42	52502 PROG_T2	1	1	0	0.1	0.2	0.1	0	0	0	0	0	0	0
12/8/2023 11:43	65004 NEFF_T2	1	2	1	0.9	0.6	-0.3	0	0	0	0	0	0	0
12/8/2023 11:43	40101 HUNT_T2	2	12	10	5	0.6	-4.4	0	0	0	0	0	0	0
12/8/2023 11:43	63501 HEID_TBK1-2	0	2	2	0	0.15	0.15	0	0	0	0	0	0	0
12/8/2023 11:43	66505 SMAN_T2	2	4	2	0.1	0.3	0.2	0	0	0	0	0	0	0
12/8/2023 11:43	45802 HEGI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
12/8/2023 11:44	66505 SMAN_T2	2	4	2	0.1	0.3	0.2	0	0	0	0	0	0	0
12/8/2023 11:44	52502 PROG_T2	1	1	0	0.1	0.2	0.1	0	0	0	0	0	0	0
12/8/2023 11:44	66501 SMAN_T2	4	7	3	0.55	0.49	-0.06	0	0	0	0	0	0	0
12/8/2023 11:44	52006 LING_T2	1	3	2	0.6	0.47	-0.13	0	0	0	0	0	0	0
12/8/2023 11:44	63501 HEID_TBK1-2	0	2	2	0	0.15	0.15	0	0	0	0	0	0	0
12/8/2023 11:44	40101 HUNT_T2	2	12	10	5	0.6	-4.4	0	0	0	0	0	0	0
12/8/2023 11:44	52503 PROG_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
12/8/2023 11:46	63501 HEID_TBK1-2	0	2	2	0	0.15	0.15	0	0	0	0	0	0	0
12/8/2023 11:47	64801 MONE_T2	32	32	0	0.22	0.2	-0.02	0	0	0	0	0	0	0
12/8/2023 11:47	65005 NEFF_T2	1	1	0	0.3	0.3	0	0	0	0	0	0	0	0
12/8/2023 11:47	45802 HEGI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
12/8/2023 11:47	52502 PROG_T2	1	0	-1	0.2	0	-0.2	0	0	0	0	0	0	0
12/8/2023 11:48	52006 LING_T2	2	3	1	0.35	0.47	0.12	0	0	0	0	0	0	0
12/8/2023 11:48	40101 HUNT_T2	4	11	7	0.23	0.37	0.14	0	0	0	0	0	0	0
12/8/2023 11:48	64802 MONE_T2	87	88	1	0.38	0.41	0.03	0	0	0	0	0	0	0
12/8/2023 11:50	59102 WALK_T2	6	3	-3	0.22	0.23	0.01	0	0	0	0	0	0	0
12/8/2023 11:50	67602 WARW_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
12/8/2023 11:51	59201 THOM_T1	3	4	1	0.4	0.25	-0.15	0	0	0	0	0	0	0
12/8/2023 11:52	59102 WALK_T2	6	3	-3	0.22	0.23	0.01	0	0	0	0	0	0	0
12/8/2023 11:52	43402 BENT_T1	0	2	2	0	0.8	0.8	0	0	0	0	0	0	0
12/8/2023 11:52	28604 BLYT_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
12/8/2023 11:53	59102 WALK_T2	6	3	-3	0.22	0.23	0.01	0	0	0	0	0	0	0
12/8/2023 11:53	59102 WALK_T2	6	3	-3	0.22	0.23	0.01	0	0	0	0	0	0	0
12/8/2023 11:54	67204 TEHI_T2	1	1	0	0.3	0.2	-0.1	0	0	0	0	0	0	0
12/8/2023 11:54	43001 ALWD_T1	5	5	0	0.1	0.1	0	0	0	0	0	0	0	0
12/8/2023 11:55	60101 COCA_T1	5	3	-2	0.24	0.27	0.03	0	0	0	0	0	0	0
12/8/2023 11:55	54501 ENOL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
12/8/2023 11:55	54502 ENOL_T2	1	1	0	0.3	0.4	0.1	0	0	0	0	0	0	0
12/8/2023 11:56	43402 BENT_T1	0	2	2	0	0.8	0.8	0	0	0	0	0	0	0
12/8/2023 11:56	46004 BERW_T2	0	1	1	0	0.2	0.2	0	0	0	0	0	0	0
12/8/2023 11:56	44301 BEAV_T2	0	1	1	0	0.3	0.3	0	0	0	0	0	0	0
12/8/2023 11:57	49804 UNIV_T1	0	4	4	0	0.18	0.18	0	0	0	0	0	0	0
12/8/2023 11:58	54505 ENOL_T2	1	1	0	0.9	1	0.1	0	0	0	0	0	0	0
12/8/2023 11:59	63501 HEID_TBK1-2	0	2	2	0	0.15	0.15	0	0	0	0	0	0	0
12/8/2023 11:59	60903 DONG_T2	0	1	1	0	0.3	0.3	0	0	0	0	0	0	0
12/8/2023 11:59	67204 TEHI_T2	1	1	0	0.3	0.2	-0.1	0	0	0	0	0	0	0
12/8/2023 12:00	63501 HEID_TBK1-2	2	2	0	0.15	0.1	-0.05	0	0	0	0	0	0	0
12/8/2023 12:01	51003 NHAR_T1	151	202	51	0.28	0.4	0.12	0	0	0	0	0	0	0
12/8/2023 12:03	60501 NMAN_T2	11	3	-8	1.46	4.83	3.37	0	0	0	0	0	0	0
12/8/2023 12:03	13704 SCHN_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
12/8/2023 12:04	50701 SMEC_T1	7	3	-4	0.51	0.67	0.16	0	0	0	0	0	0	0
12/8/2023 12:06	59101 WALK_T2	1	1	0	0	0	0	0	0	0	0	0	0	0
12/8/2023 12:06	50701 SMEC_T1	7	3	-4	0.51	0.67	0.16	0	0	0	0	0	0	0
12/8/2023 12:06	12202 FOGE_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
12/8/2023 12:06	13704 SCHN_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
12/8/2023 12:06	67602 WARW_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
12/8/2023 12:07	59102 WALK_T2	1	5	4	0.1	0.24	0.14	0	0	0	0	0	0	0
12/8/2023 12:07	28604 BLYT_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
12/8/2023 12:07	50701 SMEC_T1	7	3	-4	0.51	0.67	0.16	0	0	0	0	0	0	0
12/8/2023 12:08	59102 WALK_T2	1	5	4	0.1	0.24	0.14	0	0	0	0	0	0	0
12/8/2023 12:08	59101 WALK_T2	1	1	0	0	0	0	0	0	0	0	0	0	0
12/8/2023 12:08	43402 BENT_T1	2	2	0	0.75	0.75	0	0	0	0	0	0	0	0
12/8/2023 12:08	20403 ASHF_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
12/8/2023 12:09	59102 WALK_T2	1	5	4	0.1	0.24	0.14	0	0	0	0	0	0	0
12/8/2023 12:09	20403 ASHF_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
12/8/2023 12:10	43001 ALWD_T1	4	9	5	0.1	0.1	0	0	0	0	0	0	0	0
12/8/2023 12:11	54505 ENOL_T2	1	1	0	1	1	0	0	0	0	0	0	0	0
12/8/2023 12:11	60101 COCA_T1	0	4	4	0	0.3	0.3	0	0	0	0	0	0	0
12/8/2023 12:11	54502 ENOL_T2	1	1	0	0.4	0.5	0.1	0	0	0	0	0	0	0
12/8/2023 12:12	26401 INOR_T1	1	18	17	1.9	0.14	-1.76	0	0	0	0	0	0	0
12/8/2023 12:14	54503 ENOL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
12/8/2023 12:14	54502 ENOL_T2	1	1	0	0.4	0.5	0.1	0	0	0	0	0	0	0
12/8/2023 12:15	54505 ENOL_T2	1	1	0	1	1.1	0.1	0	0	0	0	0	0	0
12/8/2023 12:27	50103 HARR_T3	5	2	-3	0.74	1.45	0.71	0	0	0	0	0	0	0
12/8/2023 12:28	50201 HARR_T3	2	6	4	4.8	3.33	-1.47	0	0	0	0	0	0	0
12/8/2023 12:30	64204 KINZ_T1	1	1	0	1.3	1.1	-0.2	0	0	0	0	0	0	0
12/8/2023 12:30	64202 KINZ_T1	2	2	0	0.45	0.3	-0.15	0	0	0	0	0	0	0
12/8/2023 12:31	52002 LING_T2	1	1	0	0.5	0.7	0.2	0	0	0	0	0	0	0
12/8/2023 12:36	64202 KINZ_T1	2	2	0	0.45	0.3	-0.15	0	0	0	0	0	0	0
12/8/2023 12:37	52502 PROG_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
12/8/2023 12:54	59202 THOM_T1	15	0	-15	0.2	0	-0.2	0	0	0	0	0	0	0
12/8/2023 12:59	26401 INOR_T1	2	1	-1	0.45	0.5	0.05	0	0	0	0	0	0	0
12/8/2023 13:00	26401 INOR_T1	1	1	0	0.5	0.8	0.3	0	0	0	0	0	0	0
12/8/2023 13:07	43001 ALWD_T1	7	11	4	0.1	0.15	0.05	0	0	0	0	0	0	0
12/8/2023 13:10	60201 ATGL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
12/8/2023 13:15	16302 ALPA_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
12/8/2023 13:16	50201 HARR_T3	2	2	0	4.8	4.85	0.05	0	0	0	0	0	0	0
12/8/2023 13:17	13702 SCHN_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
12/8/2023 13:17	12202 FOGE_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
12/8/2023 13:18	13702 SCHN_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
12/8/2023 13:18	12202 FOGE_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
12/8/2023 13:19	12202 FOGE_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
12/8/2023 13:20	13702 SCHN_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
12/8/2023 13:21	44901 SCOT_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
12/8/2023 13:21	13702 SCHN_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
12/8/2023 13:26	50106 HARR_T3	1	0	-1	0	0	0	0	0	0	0	0	0	0
12/8/2023 13:28	14203 EALL_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
12/8/2023 13:29	63501 HEID_TBK1-2	0	0	0	0	0	0	0	0	0	0	0	0	0
12/8/2023 13:31	42902 MIDD_T2	0	1	1	0	0.4	0.4	0	0	0	0	0	0	0
12/8/2023 13:32	39601 LNFD_T1	0	1	1	0	0	0	0	0	0	0	0	0	0
12/8/2023 13:33	12202 FOGE_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
12/8/2023 13:35	52403 GRPA_T2	0	9	9	0	0.19	0.19	0	0	0	0	0	0	0
12/8/2023 13:40	54502 ENOL_T2	1	1	0	0.4	0.5	0.1	0	0	0	0	0	0	0
12/8/2023 13:41	10705 CATA_T2	1	1	0	1	1.5	0.5	0	0	0	0	0	0	0
12/8/2023 13:44	65003 NEFF_T2	6	7	1	0.32	0.21	-0.11	0	0	0	0	0	0	0
12/8/2023 13:45	54505 ENOL_T2	1	1	0	1	1	0	0	0	0	0	0	0	0
12/8/2023 13:45	63501 HEID_TBK1-2	0	2	2	0	0.25	0.25	0	0	0	0	0	0	0
12/8/2023 13:46	46506 LOHA_T1	1	1	0	0.5	0.6	0.1	0	0	0	0	0	0	0
12/8/2023 13:46	26401 INOR_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
12/8/2023 13:47	13702 SCHN_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
12/8/2023 13:47	59001 MIFF_T1	0	2	2	0	0.1	0.1	0	0	0	0	0	0	0
12/8/2023 13:48	13702 SCHN_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
12/8/2023 13:48	12202 FOGE_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
12/8/2023 13:49	13702 SCHN_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
12/8/2023 13:49	59001 MIFF_T1	0	2	2	0	0.1	0.1	0	0	0	0	0	0	0
12/8/2023 13:50	12202 FOGE_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
12/8/2023 13:50	13702 SCHN_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
12/8/2023 13:51	13702 SCHN_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
12/8/2023 13:53	14801 TREI_T2	2	3	1	0.45	0.4	-0.05	0	0	0	0	0	0	0
12/8/2023 13:55	16101 BING_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
12/8/2023 13:56	16101 BING_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
12/8/2023 13:56	54502 ENOL_T2	1	1	0	0.5	0.4	-0.1	0	0	0	0	0	0	0
12/8/2023 13:59	64204 KINZ_T1	1	1	0	1	1	0	0	0	0	0	0	0	0
12/8/2023 14:02	64204 KINZ_T1	1	1	0	1	0.5	-0.5	0	0	0	0	0	0	0
12/8/2023 14:02	26401 INOR_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
12/8/2023 14:03	42001 MNVL_T2	0	2	2	0	0.15	0.15	0	0	0	0	0	0	0
12/8/2023 14:04	67002 STHI_T2	31	71	40	0.27	0.19	-0.08	0	0	0	0	0	0	0
12/8/2023 14:04	12202 FOGE_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
12/8/2023 14:05	43304 WATS_T2	0	1	1	0	0	0	0	0	0	0	0	0	0
12/8/2023 14:05	43304 WATS_T2	0	1	1	0	0	0	0	0	0	0	0	0	0
12/8/2023 14:05	67002 STHI_T2	31	71	40	0.27	0.19	-0.08	0	0	0	0	0	0	0
12/8/2023 14:05	67001 STHI_T2	373	503	130	0.14	0.2	0.06	0	0	0	0	0	0	0
12/8/2023 14:05	42002 MNVL_T2	1	1	0	6	5.8	-0.2	0	0	0	0	0	0	0
12/8/2023 14:06	12202 FOGE_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
12/8/2023 14:07	43304 WATS_T2	0	1	1	0	0	0	0	0	0	0	0	0	0
12/8/2023 14:07	43304 WATS_T2	0	1	1	0	0	0	0	0	0	0	0	0	0
12/8/2023 14:07	67002 STHI_T2	31	71	40	0.27	0.19	-0.08	0	0	0	0	0	0	0
12/8/2023 14:07	46001 BERW_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
12/8/2023 14:08	46001 BERW_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
12/8/2023 14:08	60201 ATGL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
12/8/2023 14:09	59101 WALK_T2	1	2	1	0	0.6	0.6	0	0	0	0	0	0	0
12/8/2023 14:09	43301 WATS_T2	1	0	-1	0.1	0	-0.1	0	0	0	0	0	0	0
12/8/2023 14:09	20403 ASHF_T2	6	6	0	0.27	0.2	-0.07	0	0	0	0	0	0	0
12/8/2023 14:09	43304 WATS_T2	0	1	1	0	0	0	0	0	0	0	0	0	0
12/8/2023 14:09	60201 ATGL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
12/8/2023 14:09	67001 STHI_T2	373	503	130	0.14	0.2	0.06	0	0	0	0	0	0	0
12/8/2023 14:09	40505 CRES_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
12/8/2023 14:10	43301 WATS_T2	1	0	-1	0.1	0	-0.1	0	0	0	0	0	0	0
12/8/2023 14:10	67605 WARW_T1	8	18	10	0.29	0.28	-0.01	0	0	0	0	0	0	0
12/8/2023 14:10	40505 CRES_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
12/8/2023 14:10	43301 WATS_T2	1	0	-1	0.1	0	-0.1	0	0	0	0	0	0	0
12/8/2023 14:11	54503 ENOL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
12/8/2023 14:11	43001

Appendix C - Grid Benefits Achieved in Each Instance of Active Management

12/8/2023 14:26	54502 ENOL_T2	1	1	0	0.4	0.7	0.3	0	0	0	0	0	0	0	0
12/8/2023 14:27	22103 EDEL_T2	1	1	0	0.2	0.2	0	0	0	0	0	0	0	0	0
12/8/2023 14:27	54505 ENOL_T2	1	1	0	1	1.3	0.3	0	0	0	0	0	0	0	0
12/8/2023 14:28	54505 ENOL_T2	1	1	0	1	1.3	0.3	0	0	0	0	0	0	0	0
12/8/2023 14:28	16302 ALPA_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/8/2023 14:28	43304 WATS_T2	0	1	1	0	0	0	0	0	0	0	0	0	0	0
12/8/2023 14:28	46801 HEPB_T2	2	2	0	0.45	0.4	-0.05	0	0	0	0	0	0	0	0
12/8/2023 14:30	52401 GRPA_T2	2	2	0	0.2	0.3	0.1	0	0	0	0	0	0	0	0
12/8/2023 14:30	54502 ENOL_T2	1	2	1	0.6	0.4	-0.2	0	0	0	0	0	0	0	0
12/8/2023 14:31	52402 GRPA_T2	6	7	1	1.15	1.04	-0.11	0	0	0	0	0	0	0	0
12/8/2023 14:31	64801 MONE_T2	37	44	7	0.25	0.25	0	0	0	0	0	0	0	0	0
12/8/2023 14:31	52403 GRPA_T2	8	8	0	0.21	0.23	0.02	0	0	0	0	0	0	0	0
12/8/2023 14:31	46101 MACI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/8/2023 14:31	64203 KINZ_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/8/2023 14:31	16302 ALPA_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/8/2023 14:33	52402 GRPA_T2	6	7	1	1.15	1.04	-0.11	0	0	0	0	0	0	0	0
12/8/2023 14:33	64101 REFR_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/8/2023 14:33	44901 SCOT_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/8/2023 14:34	55002 NEWP_T1	7	6	-1	0.86	1.08	0.22	0	0	0	0	0	0	0	0
12/8/2023 14:34	44901 SCOT_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/8/2023 14:35	59102 WALK_T2	1	0	-1	0.2	0	-0.2	0	0	0	0	0	0	0	0
12/8/2023 14:35	13701 SCHN_T2	6	4	-2	0.18	0.18	0	0	0	0	0	0	0	0	0
12/8/2023 14:35	64101 REFR_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/8/2023 14:35	42601 TUSC_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/8/2023 14:36	13701 SCHN_T2	6	4	-2	0.18	0.18	0	0	0	0	0	0	0	0	0
12/8/2023 14:36	57403 SPAN_T1	35	120	85	0.3	0.26	-0.04	0	0	0	0	0	0	0	0
12/8/2023 14:36	42802 SELI_T1	1	1	0	0.4	0.8	0.4	0	0	0	0	0	0	0	0
12/8/2023 14:36	55002 NEWP_T1	7	6	-1	0.86	1.08	0.22	0	0	0	0	0	0	0	0
12/8/2023 14:36	43202 MVIL_T2	0	2	2	0	0	0	0	0	0	0	0	0	0	0
12/8/2023 14:37	66502 SMAN_T2	2	6	4	0.15	0.28	0.13	0	0	0	0	0	0	0	0
12/8/2023 14:37	64101 REFR_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/8/2023 14:38	20402 ASHF_T2	1	1	0	0.2	0.2	0	0	0	0	0	0	0	0	0
12/8/2023 14:38	46001 BERW_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/8/2023 14:38	59101 WALK_T2	1	1	0	0	0	0	0	0	0	0	0	0	0	0
12/8/2023 14:39	55105 WERT_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/8/2023 14:39	57401 SPAN_T1	2	7	5	0.45	0.29	-0.16	0	0	0	0	0	0	0	0
12/8/2023 14:39	60201 ATGL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/8/2023 14:39	42802 SELI_T1	1	1	0	0.4	0.8	0.4	0	0	0	0	0	0	0	0
12/8/2023 14:40	55002 NEWP_T1	7	6	-1	0.86	1.08	0.22	0	0	0	0	0	0	0	0
12/8/2023 14:40	57403 SPAN_T1	35	120	85	0.3	0.26	-0.04	0	0	0	0	0	0	0	0
12/8/2023 14:40	10805 CHNI_T2	7	8	1	1.63	1.9	0.27	0	0	0	0	0	0	0	0
12/8/2023 14:40	44802 EDAN_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/8/2023 14:40	46001 BERW_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/8/2023 14:41	20402 ASHF_T2	1	1	0	0.2	0.2	0	0	0	0	0	0	0	0	0
12/8/2023 14:41	60201 ATGL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/8/2023 14:41	44802 EDAN_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/8/2023 14:42	20403 ASHF_T2	1	0	-1	0.1	0	-0.1	0	0	0	0	0	0	0	0
12/8/2023 14:42	51604 DUKE_T2	26	25	-1	0.28	0.32	0.04	0	0	0	0	0	0	0	0
12/8/2023 14:43	16302 ALPA_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/8/2023 14:43	54502 ENOL_T2	1	2	1	0.6	0.4	-0.2	0	0	0	0	0	0	0	0
12/8/2023 14:44	16302 ALPA_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/8/2023 14:44	54502 ENOL_T2	1	2	1	0.6	0.4	-0.2	0	0	0	0	0	0	0	0
12/8/2023 14:44	41801 GOCI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/8/2023 14:45	54505 ENOL_T2	1	1	0	1.3	1.3	0	0	0	0	0	0	0	0	0
12/8/2023 14:46	64202 KINZ_T1	2	1	-1	0.15	0.1	-0.05	0	0	0	0	0	0	0	0
12/8/2023 14:46	13701 SCHN_T2	2	4	2	0.25	0.18	-0.07	0	0	0	0	0	0	0	0
12/8/2023 14:47	52402 GRPA_T2	6	6	0	1.18	1.22	0.04	0	0	0	0	0	0	0	0
12/8/2023 14:47	16302 ALPA_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/8/2023 14:47	64801 MONE_T2	41	40	-1	0.23	0.24	0.01	0	0	0	0	0	0	0	0
12/8/2023 14:47	28805 LAKE_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/8/2023 14:48	28805 LAKE_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/8/2023 14:49	56501 ROCK_T2	6	8	2	0.23	0.26	0.03	0	0	0	0	0	0	0	0
12/8/2023 14:50	55002 NEWP_T1	6	6	0	1.08	1.05	-0.03	0	0	0	0	0	0	0	0
12/8/2023 14:51	56501 ROCK_T2	6	8	2	0.23	0.26	0.03	0	0	0	0	0	0	0	0
12/8/2023 14:51	57403 SPAN_T1	117	49	-68	0.26	0.24	-0.02	0	0	0	0	0	0	0	0
12/8/2023 14:51	55002 NEWP_T1	6	6	0	1.08	1.05	-0.03	0	0	0	0	0	0	0	0
12/8/2023 14:52	42001 MNVL_T2	1	1	0	5.9	5.6	-0.3	0	0	0	0	0	0	0	0
12/8/2023 14:52	55002 NEWP_T1	6	6	0	1.08	1.05	-0.03	0	0	0	0	0	0	0	0
12/8/2023 14:54	42601 TUSC_T1	0	1	1	0	0.1	0.1	0	0	0	0	0	0	0	0
12/8/2023 14:54	56501 ROCK_T2	6	8	2	0.23	0.26	0.03	0	0	0	0	0	0	0	0
12/8/2023 14:57	52401 GRPA_T2	1	2	1	0.4	0.25	-0.15	0	0	0	0	0	0	0	0
12/8/2023 14:58	61303 EARL_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/8/2023 15:00	54501 ENOL_T2	0	2	2	0	0.15	0.15	0	0	0	0	0	0	0	0
12/8/2023 15:01	52404 GRPA_T2	1	1	0	0.8	0.9	0.1	0	0	0	0	0	0	0	0
12/8/2023 15:04	65001 NEFF_T2	40	32	-8	0.13	0.12	-0.01	0	0	0	0	0	0	0	0
12/8/2023 15:05	64101 REFR_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/8/2023 15:08	46004 BERW_T2	0	2	2	0	0	0	0	0	0	0	0	0	0	0
12/8/2023 15:08	64101 REFR_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/8/2023 15:09	54501 ENOL_T2	0	2	2	0	0.15	0.15	0	0	0	0	0	0	0	0
12/8/2023 15:09	64101 REFR_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/8/2023 15:13	54505 ENOL_T2	1	1	0	1.3	1.2	-0.1	0	0	0	0	0	0	0	0
12/8/2023 15:13	54505 ENOL_T2	1	1	0	1.3	1.2	-0.1	0	0	0	0	0	0	0	0
12/8/2023 15:14	54503 ENOL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/8/2023 15:15	54505 ENOL_T2	1	1	0	1.2	1.2	0	0	0	0	0	0	0	0	0
12/8/2023 15:16	40901 JESH_T1	10	48	38	0.11	0.18	0.07	0	0	0	0	0	0	0	0
12/8/2023 15:18	64101 REFR_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/8/2023 15:19	65002 NEFF_T2	2	0	-2	0.1	0	-0.1	0	0	0	0	0	0	0	0
12/8/2023 15:20	60502 NMAN_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/8/2023 15:21	64101 REFR_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/8/2023 15:26	20403 ASHF_T2	1	28	27	0.1	0.24	0.14	0	0	0	0	0	0	0	0
12/8/2023 15:26	40505 CRES_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/8/2023 15:27	40505 CRES_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/8/2023 15:29	40505 CRES_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/8/2023 15:29	40101 HUNT_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/8/2023 15:30	40101 HUNT_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/8/2023 15:32	26401 INOR_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/8/2023 15:33	40505 CRES_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/8/2023 15:37	43302 WATS_T2	0	2	2	0	0.15	0.15	0	0	0	0	0	0	0	0
12/8/2023 15:39	43304 WATS_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/8/2023 15:40	43302 WATS_T2	0	2	2	0	0.15	0.15	0	0	0	0	0	0	0	0
12/8/2023 15:40	20403 ASHF_T2	11	21	10	0.16	0.28	0.12	0	0	0	0	0	0	0	0
12/8/2023 15:46	50502 MECH_T1	1	1	0	2.6	2.5	-0.1	0	0	0	0	0	0	0	0
12/8/2023 15:46	16402 MOPO_T1	0	1	1	0	0	0	0	0	0	0	0	0	0	0
12/8/2023 16:06	14801 TREI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/8/2023 16:07	65001 NEFF_T2	0	2	2	0	0.1	0.1	0	0	0	0	0	0	0	0
12/8/2023 16:09	40502 CRES_T2	6	20	14	0.27	0.32	0.05	0	0	0	0	0	0	0	0
12/8/2023 16:10	40501 CRES_T2	0	1	1	0	0.1	0.1	0	0	0	0	0	0	0	0
12/8/2023 16:11	40501 CRES_T2	0	1	1	0	0.1	0.1	0	0	0	0	0	0	0	0
12/8/2023 16:12	40501 CRES_T2	0	1	1	0	0.1	0.1	0	0	0	0	0	0	0	0
12/8/2023 16:13	40502 CRES_T2	6	20	14	0.27	0.32	0.05	0	0	0	0	0	0	0	0
12/8/2023 16:14	40501 CRES_T2	0	1	1	0	0.1	0.1	0	0	0	0	0	0	0	0
12/8/2023 16:17	64203 KINZ_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/8/2023 16:19	40501 CRES_T2	0	1	1	0	0.1	0.1	0	0	0	0	0	0	0	0
12/8/2023 16:21	59101 WALK_T2	1	1	0	0	0	0	0	0	0	0	0	0	0	0
12/8/2023 16:23	59101 WALK_T2	1	1	0	0	0	0	0	0	0	0	0	0	0	0
12/8/2023 16:32	64204 KINZ_T1	1	1	0	0.2	0.9	0.7	0	0	0	0	0	0	0	0
12/8/2023 16:37	40602 PIGR_T1	1	0	-1	0.4	0	-0.4	0	0	0	0	0	0	0	0
12/8/2023 16:44	42002 MNVL_T2	1	1	0	5.7	5.7	0	0	0	0	0	0	0	0	0
12/8/2023 16:59	65001 NEFF_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/8/2023 17:01	43202 MVIL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/8/2023 17:07	43202 MVIL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/8/2023 17:12	40201 BEGA_T2	1	2	1	0.2	0.1	-0.1	0	0	0	0	0	0	0	0
12/8/2023 17:20	65001 NEFF_T2	0	86	86	0	0.14	0.14	0	0	0	0	0	0	0	0
12/8/2023 17:27	41801 GOCI_T2	1	1	0	0.3	0.4	0.1	0	0	0	0	0	0	0	0
12/8/2023 18:05	57401 SPAN_T1	2	2	0	0.5	0.5	0	0	0	0	0	0	0	0	0
12/8/2023 18:06	13704 SCHN_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/8/2023 18:18	54505 ENOL_T2	1	1	0	0.8	0.8	0	0	0	0	0	0	0	0	0
12/8/2023 18:28	65001 NEFF_T2	25	16	-9	0.13	0.12	-0.01	0	0	0	0	0	0	0	0
12/8/2023 18:31	13702 SCHN_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/8/2023 18:32	26402 INOR_T1	4	2	-2	0.2	0.2	0	0	0	0	0	0	0	0	0
12/8/2023 18:34	26402 INOR_T1	4	2	-2	0.2	0.2	0	0	0	0	0	0	0	0	0
12/8/2023 18:35	62607 ENGL_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/8/2023 18:35	44901 SCOT_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/8/2023 18:35	29401 BELT_T1	1	3	2	0.1	0.1	0	0	0	0	0	0	0	0	0
12/8/2023 18:36	27502 WEIS_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/8/2023 18:36	10805 CHNI_T2	7	7	0	2.73	1.5	-1.23	0	0	0	0	0	0	0	0
12/8/2023 18:37	64201 KINZ_T1	347	359	12	0.58	0.62	0.04	0	0	0	0	0	0	0	0
12/8/2023 18:37	29401 BELT_T1	1	3	2	0.1	0.1	0	0	0	0	0	0	0	0	0
12/8/2023 18:38	46302 ROHR_T1	2	5	3	0.3	0.54	0.24	0	0	0	0	0	0	0	0
12/8/2023 18:38	40502 CRES_T2	5	4	-1	0.14	0.15	0.01	0	0	0	0	0	0	0	0
12/8/2023 18:38	14203 EALL_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/8/2023 18:38	16101 BING_T2	93	87	-6	0.7	0.61	-0.09	0	0	0	0	0	0	0	0
12/8/2023 18:39	16402 MOPO_T1	0	2	2	0	0	0	0	0	0	0	0	0	0	0
12/8/2023 18:39	12202 FOGE_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/8/2023 18:39	29401 BELT_T1	1	3	2	0.1	0.1	0	0	0	0	0	0	0	0	0
12/8/2023 18:39	14802 TREI_T2	2	2	0	2	1.35	-0.65	0	0	0	0	0	0	0	0
12/8/2023 18:39	16302 ALPA_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/8/2023 18:39	22101 EDEL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/8/2023 18:39	28805 LAKE_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/8/2023 18:40	51006 NHAR_T1	4	6	2	0.13	0.17	0.04	0	0	0	0	0	0	0	0
12/8/2023 18:40	67002 STHI_T2	105	110	5	0.19	0.23	0.04	0	0	0	0	0	0	0	0
12/8/2023 18:40	16402 MOPO_T1	0	2	2	0	0	0	0	0	0	0	0	0	0	0
12/8/2023 18:40	16101 BING_T2	93	87	-6	0.7	0.61	-0.09	0	0	0	0	0	0	0	0
12/8/2023 18:40	10705 CATA_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/8/2023 18:40	40505 CRES_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/8/2023 18:41	56802 BENV_T2	9	36	27	0.23	0.15	-0.08	0	0	0	0	0	0	0	0
12/8/2023 18:41	44901 SCOT_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/8/2023 18:41	40502 CRES_T2	5	4	-1	0.14	0.15	0.01	0	0	0	0	0	0	0	0
12/8/2023 18:41	47001 HUGH_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/8/2023 18:41	65004 NEFF_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/8/2023 18:41	60101 COCA_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/8/2023 18:42	64204 KINZ_T1	1	1	0	0.8	1	0.2	0	0	0	0	0	0	0	0
12/8/2023 18:42	13704 SCHN_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/8/2023 18:42	52006 LING_T2	2	3	1	0.7	0.5	-0.2	0	0	0	0	0	0	0	0
12/8/2023 18:42	60803 BUCK_T1	3	5	2	0.23	0.26	0.03	0	0	0	0	0	0	0	0
12/8/2023 18:42	67605 WARW_T1	1	1	0	0.2	0.2	0	0	0	0	0	0	0	0	0
12/8/2023 18:42	46501 LOHA_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/8/2023 18:42	16302 ALPA_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/8/2023 18:42	44801 EDAN_T2	2	2	0	1.25	0.5	-0.75	0	0	0	0	0	0	0	0
12/8/2023 18:42	13702 SCHN_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/8/2023 18:42	62604 ENGL_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/8/2023 18:43	52502 PROG_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/8/2023 18:43	64201 KINZ_T1	347	359	12	0.58	0.62	0.04	0	0	0	0	0	0	0	0
12/8/2023 18:43	20401 ASHF_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/8/2023 18:43	40502 CRES_T2	5	4	-1	0.14	0.15	0.01	0	0	0	0	0	0	0	0
12/8/2023 18:43	42001 MNVL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/8/2023 18:43	45501 DERR_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/8/2023 18:43	42601 TUSC_T1	3	3	0	0.13	0	-0.13	0	0	0	0	0	0	0	0
12/8/2023 18:43	64702 LITI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/8/2023 18:43	40505 CRES_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/8/2023 18:43	64301 LINC_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/8/2023 18:43	67502 WEWI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/8/2023 18:43	10705 CATA_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/8/2023 18:43	29401 BELT_T1	1	3	2	0.1	0.1	0	0	0	0	0	0	0	0

Appendix C - Grid Benefits Achieved in Each Instance of Active Management

12/8/2023 18:46	60201 ATGL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/8/2023 18:46	40201 BEGA_T2	1	1	0	0.9	0.8	-0.1	0	0	0	0	0	0	0	0
12/8/2023 18:46	67602 WARW_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/8/2023 18:46	64101 REFR_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/8/2023 18:46	29402 BELT_T1	1	2	1	6.8	6.8	0	0	0	0	0	0	0	0	0
12/8/2023 18:46	40502 CRES_T2	4	15	11	0.15	0.21	0.06	0	0	0	0	0	0	0	0
12/8/2023 18:46	46101 MACI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/8/2023 18:46	45501 DERR_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/8/2023 18:46	47401 PENS_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/8/2023 18:46	55002 NEWP_T1	4	4	0	0.48	0.63	0.15	0	0	0	0	0	0	0	0
12/8/2023 18:46	56802 BENV_T2	16	41	25	0.17	0.16	-0.01	0	0	0	0	0	0	0	0
12/8/2023 18:47	28604 BLYT_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/8/2023 18:47	64204 KINZ_T1	1	1	0	1	1.2	0.2	0	0	0	0	0	0	0	0
12/8/2023 18:47	65001 NEFF_T2	16	56	40	0.12	0.15	0.03	0	0	0	0	0	0	0	0
12/8/2023 18:47	67601 WARW_T1	0	1	1	0	0	0	0	0	0	0	0	0	0	0
12/8/2023 18:47	57401 SPAN_T1	2	3	1	0.3	0.6	0.3	0	0	0	0	0	0	0	0
12/8/2023 18:47	43304 WATS_T2	0	2	2	0	0.45	0.45	0	0	0	0	0	0	0	0
12/8/2023 18:47	56501 ROCK_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/8/2023 18:47	56501 ROCK_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/8/2023 18:47	67001 STHI_T2	535	604	69	0.29	0.32	0.03	0	0	0	0	0	0	0	0
12/8/2023 18:47	56802 BENV_T2	16	41	25	0.17	0.16	-0.01	0	0	0	0	0	0	0	0
12/8/2023 18:47	65901 SAKR_T2	1	1	0	9.5	10	0.5	0	0	0	0	0	0	0	0
12/8/2023 18:47	43202 MVIL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/8/2023 18:47	60201 ATGL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/8/2023 18:47	46004 BERW_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/8/2023 18:47	40502 CRES_T2	4	15	11	0.15	0.21	0.06	0	0	0	0	0	0	0	0
12/8/2023 18:47	54505 ENOL_T2	1	1	0	0.7	0.9	0.2	0	0	0	0	0	0	0	0
12/8/2023 18:47	13704 SCHN_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/8/2023 18:48	64203 KINZ_T1	0	1	1	0	0.1	0.1	0	0	0	0	0	0	0	0
12/8/2023 18:48	56802 BENV_T2	16	41	25	0.17	0.16	-0.01	0	0	0	0	0	0	0	0
12/8/2023 18:48	64101 REFR_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/8/2023 18:48	10805 CHHI_T2	7	7	0	2.24	1.5	-0.74	0	0	0	0	0	0	0	0
12/8/2023 18:48	57401 SPAN_T1	2	3	1	0.3	0.6	0.3	0	0	0	0	0	0	0	0
12/8/2023 18:48	13702 SCHN_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/8/2023 18:48	67503 WEWI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/8/2023 18:48	40602 PIGR_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/8/2023 18:48	60201 ATGL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/8/2023 18:48	43304 WATS_T2	0	2	2	0	0.45	0.45	0	0	0	0	0	0	0	0
12/8/2023 18:48	43001 ALWD_T1	0	6	6	0	0.12	0.12	0	0	0	0	0	0	0	0
12/8/2023 18:48	41801 GOCI_T2	1	1	0	0.4	0.1	-0.3	0	0	0	0	0	0	0	0
12/8/2023 18:48	67502 WEWI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/8/2023 18:48	40502 CRES_T2	4	15	11	0.15	0.21	0.06	0	0	0	0	0	0	0	0
12/8/2023 18:48	43201 MVIL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/8/2023 18:48	10801 CHHI_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/8/2023 18:48	55002 NEWP_T1	4	4	0	0.48	0.63	0.15	0	0	0	0	0	0	0	0
12/8/2023 18:48	59101 WALK_T2	1	1	0	0	0	0	0	0	0	0	0	0	0	0
12/8/2023 18:48	64801 MONE_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/8/2023 18:49	66502 SMAN_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/8/2023 18:49	56802 BENV_T2	16	41	25	0.17	0.16	-0.01	0	0	0	0	0	0	0	0
12/8/2023 18:49	63501 HEID_TBK1-2	2	2	0	0.3	0.55	0.25	0	0	0	0	0	0	0	0
12/8/2023 18:49	56501 ROCK_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/8/2023 18:49	40602 PIGR_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/8/2023 18:49	43302 WATS_T2	4	4	0	0.98	1.03	0.05	0	0	0	0	0	0	0	0
12/8/2023 18:49	57403 SPAN_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/8/2023 18:49	44301 BEAV_T2	1	5	4	0.6	0.6	0	0	0	0	0	0	0	0	0
12/8/2023 18:49	40502 CRES_T2	4	15	11	0.15	0.21	0.06	0	0	0	0	0	0	0	0
12/8/2023 18:49	60803 BUCK_T1	4	9	5	0.2	0.2	0	0	0	0	0	0	0	0	0
12/8/2023 18:49	43302 WATS_T2	4	4	0	0.98	1.03	0.05	0	0	0	0	0	0	0	0
12/8/2023 18:49	13702 SCHN_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/8/2023 18:49	54505 ENOL_T2	1	1	0	0.7	0.9	0.2	0	0	0	0	0	0	0	0
12/8/2023 18:49	67103 SPRI_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/8/2023 18:49	65001 NEFF_T2	16	56	40	0.12	0.15	0.03	0	0	0	0	0	0	0	0
12/8/2023 18:49	45501 DERR_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/8/2023 18:49	40101 HUNT_T2	69	52	-17	0.54	0.5	-0.04	0	0	0	0	0	0	0	0
12/8/2023 18:49	62607 ENGL_T1	0	1	1	0	0	0	0	0	0	0	0	0	0	0
12/8/2023 18:49	64101 REFR_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/8/2023 18:50	56801 BENV_T1	0	1	1	0	0.3	0.3	0	0	0	0	0	0	0	0
12/8/2023 18:50	67401 WAKE_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/8/2023 18:50	54502 ENOL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/8/2023 18:50	16302 ALPA_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/8/2023 18:50	51604 DUKE_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/8/2023 18:50	56802 BENV_T2	16	41	25	0.17	0.16	-0.01	0	0	0	0	0	0	0	0
12/8/2023 18:50	54502 ENOL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/8/2023 18:50	12202 FOGE_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/8/2023 18:50	67502 WEWI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/8/2023 18:50	46001 BERW_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/8/2023 18:50	54501 ENOL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/8/2023 18:50	46801 HEPB_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/8/2023 18:50	43001 ALWD_T1	0	6	6	0	0.12	0.12	0	0	0	0	0	0	0	0
12/8/2023 18:50	58402 MORO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/8/2023 18:50	40101 HUNT_T2	69	52	-17	0.54	0.5	-0.04	0	0	0	0	0	0	0	0
12/8/2023 18:50	40502 CRES_T2	4	15	11	0.15	0.21	0.06	0	0	0	0	0	0	0	0
12/8/2023 18:50	55002 NEWP_T1	4	4	0	0.48	0.63	0.15	0	0	0	0	0	0	0	0
12/8/2023 18:51	43302 WATS_T2	4	4	0	0.98	1.03	0.05	0	0	0	0	0	0	0	0
12/8/2023 18:51	62607 ENGL_T1	0	1	1	0	0	0	0	0	0	0	0	0	0	0
12/8/2023 18:51	40502 CRES_T2	4	15	11	0.15	0.21	0.06	0	0	0	0	0	0	0	0
12/8/2023 18:51	50501 MECH_T1	4	5	1	1.3	1.45	0.15	0	0	0	0	0	0	0	0
12/8/2023 18:51	12701 MACU_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/8/2023 18:51	14403 SSLA_T1	0	1	1	0	0	0	0	0	0	0	0	0	0	0
12/8/2023 18:51	64101 REFR_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/8/2023 18:51	56501 ROCK_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/8/2023 18:51	63501 HEID_TBK1-2	2	2	0	0.3	0.55	0.25	0	0	0	0	0	0	0	0
12/8/2023 18:51	13702 SCHN_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/8/2023 18:51	43302 WATS_T2	4	4	0	0.98	1.03	0.05	0	0	0	0	0	0	0	0
12/8/2023 18:51	54505 ENOL_T2	1	1	0	0.7	0.9	0.2	0	0	0	0	0	0	0	0
12/8/2023 18:51	40201 BEGA_T2	1	1	0	0.9	0.8	-0.1	0	0	0	0	0	0	0	0
12/8/2023 18:51	67002 STHI_T2	106	136	30	0.23	0.24	0.01	0	0	0	0	0	0	0	0
12/8/2023 18:51	67503 WEWI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/8/2023 18:51	43202 MVIL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/8/2023 18:51	59101 WALK_T2	1	1	0	0	0	0	0	0	0	0	0	0	0	0
12/8/2023 18:51	42201 SHEN_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/8/2023 18:51	56504 ROCK_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/8/2023 18:51	51604 DUKE_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/8/2023 18:51	40505 CRES_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/8/2023 18:51	58402 MORO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/8/2023 18:51	46001 BERW_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/8/2023 18:52	45802 HEGI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/8/2023 18:52	43304 WATS_T2	0	2	2	0	0.45	0.45	0	0	0	0	0	0	0	0
12/8/2023 18:52	64101 REFR_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/8/2023 18:52	43302 WATS_T2	4	4	0	0.98	1.03	0.05	0	0	0	0	0	0	0	0
12/8/2023 18:52	50102 HARR_T3	1	5	4	0.1	0.18	0.08	0	0	0	0	0	0	0	0
12/8/2023 18:52	57401 SPAN_T1	2	3	1	0.3	0.6	0.3	0	0	0	0	0	0	0	0
12/8/2023 18:52	64201 KINZ_T1	341	377	36	0.6	0.72	0.12	0	0	0	0	0	0	0	0
12/8/2023 18:52	57403 SPAN_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/8/2023 18:52	59101 WALK_T2	1	1	0	0	0	0	0	0	0	0	0	0	0	0
12/8/2023 18:52	42002 MNVL_T2	1	1	0	9.4	9.1	-0.3	0	0	0	0	0	0	0	0
12/8/2023 18:52	40502 CRES_T2	4	15	11	0.15	0.21	0.06	0	0	0	0	0	0	0	0
12/8/2023 18:52	56501 ROCK_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/8/2023 18:52	44301 BEAV_T2	1	5	4	0.6	0.6	0	0	0	0	0	0	0	0	0
12/8/2023 18:53	52403 GRPA_T2	1	7	6	0.5	0.2	-0.3	0	0	0	0	0	0	0	0
12/8/2023 18:53	54503 ENOL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/8/2023 18:53	13103 NHAM_T2	0	1	1	0	0	0	0	0	0	0	0	0	0	0
12/8/2023 18:53	54503 ENOL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/8/2023 18:53	62607 ENGL_T1	0	1	1	0	0	0	0	0	0	0	0	0	0	0
12/8/2023 18:53	45702 LIND_T2	1	1	0	1.8	1.8	0	0	0	0	0	0	0	0	0
12/8/2023 18:53	55002 NEWP_T1	4	4	0	0.48	0.63	0.15	0	0	0	0	0	0	0	0
12/8/2023 18:53	44802 EDAN_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/8/2023 18:53	40502 CRES_T2	4	15	11	0.15	0.21	0.06	0	0	0	0	0	0	0	0
12/8/2023 18:53	66703 STRA_T1	3	5	2	0.27	0.26	-0.01	0	0	0	0	0	0	0	0
12/8/2023 18:53	64802 MONE_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/8/2023 18:53	65901 SAKR_T2	1	1	0	9.5	10	0.5	0	0	0	0	0	0	0	0
12/8/2023 18:53	41801 GOCI_T2	1	1	0	0.4	0.1	-0.3	0	0	0	0	0	0	0	0
12/8/2023 18:54	67001 STHI_T2	535	604	69	0.29	0.32	0.03	0	0	0	0	0	0	0	0
12/8/2023 18:54	50201 HARR_T3	2	2	0	4.95	4.9	-0.05	0	0	0	0	0	0	0	0
12/8/2023 18:54	52403 GRPA_T2	1	7	6	0.5	0.2	-0.3	0	0	0	0	0	0	0	0
12/8/2023 18:54	56801 BENV_T1	0	1	1	0	0.3	0.3	0	0	0	0	0	0	0	0
12/8/2023 18:54	61303 EARL_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/8/2023 18:54	64204 KINZ_T1	1	1	0	1	1.2	0.2	0	0	0	0	0	0	0	0
12/8/2023 18:54	46302 ROHR_T1	4	6	2	0.45	0.53	0.08	0	0	0	0	0	0	0	0
12/8/2023 18:54	14403 SSLA_T1	0	1	1	0	0	0	0	0	0	0	0	0	0	0
12/8/2023 18:54	54505 ENOL_T2	1	1	0	0.7	0.9	0.2	0	0	0	0	0	0	0	0
12/8/2023 18:54	20403 ASHF_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/8/2023 18:54	43304 WATS_T2	0	2	2	0	0.45	0.45	0	0	0	0	0	0	0	0
12/8/2023 18:54	45802 HEGI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/8/2023 18:54	54505 ENOL_T2	1	1	0	0.7	0.9	0.2	0	0	0	0	0	0	0	0
12/8/2023 18:54	40602 PIGR_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/8/2023 18:54	56802 BENV_T2	16	41	25	0.17	0.16	-0.01	0	0	0	0	0	0	0	0
12/8/2023 18:54	12701 MACU_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/8/2023 18:54	55105 WERT_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/8/2023 18:54	45402 WILO_T2	0	9	9	0	0.14	0.14	0	0	0	0	0	0	0	0
12/8/2023 18:55	56504 ROCK_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/8/2023 18:55	43301 WATS_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/8/2023 18:55	64203 KINZ_T1	0	1	1	0	0.1	0.1	0	0	0	0	0	0	0	0
12/8/2023 18:55	40902 JESH_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/8/2023 18:55	42002 MNVL_T2	1	1	0	9.4	9.1	-0.3	0	0	0	0	0	0	0	0
12/8/2023 18:55	42102 FRAI_T1	326	365	39	0.72	0.7	-0.02	0	0	0	0	0	0	0	0
12/8/2023 18:55	56501 ROCK_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/8/2023 18:55	43302 WATS_T2	4	4	0	0.98	1.03	0.05	0	0	0	0	0	0	0	0
12/8/2023 18:55	56802 BENV_T2	16	41	25	0.17	0.16	-0.01	0	0	0	0	0	0	0	0
12/8/2023 18:55	58402 MORO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/8/2023 18:55	63501 HEID_TBK1-2	2	2	0	0.3	0.55	0.25	0	0	0	0	0	0	0	0
12/8/2023 18:55	54505 ENOL_T2	1	1	0	0.7	0.9	0.2	0	0	0	0	0	0	0	0
12/8/2023 18:56	57401 SPAN_T1	2	3	1	0.3	0.6	0.3	0	0	0	0	0	0	0	0
12/8/2023 18:56	56802 BENV_T2	16	41	25	0.17	0.16	-0.01	0	0	0	0	0	0	0	0
12/8/2023 18:56	64201 KINZ_T1	341	377	36	0.6	0.72	0.12	0	0	0	0	0	0	0	0
12/8/2023 18:56	43302 WATS_T2	4	4	0	0.98	1.03	0.05	0	0	0	0	0	0	0	0
12/8/2023 18:56	43301 WATS_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/8/2023 18:56	57403 SPAN_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/8/2023 18:56	53903 HAU_T2	2	3	1	1.4	1.13	-0.27	0	0	0	0	0	0	0	0
12/8/2023 18:56	66503 SMAN_T2	101	6	-95	0.14	0.17	0.03	0	0	0	0	0	0	0	0
12/8/2023 18:56	61801 EELI_T2	1	2	1	0.3	0.2	-0.1	0	0	0	0	0	0	0	0
12/8/2023 18:56	59101 WALK_T2	1	1	0	0	0	0	0	0	0	0	0	0	0	0
12/8/2023 18:57	57403 SPAN_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/8/2023 18:57	52403 GRPA_T2	1	7	6	0.5	0.2	-0.3	0	0	0	0	0	0	0	0
12/8/2023 18:57	56504 ROCK_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/8/2023 18:57	53903 HAU_T2	2	3	1	1.4	1.13	-0.27	0	0	0	0	0	0	0	0
12/8/2023 18:57	64201 KINZ_T1	341	377	36	0.6	0.72	0.12	0	0	0	0	0	0	0	0
12/8/2023 18:57	49803 UNIV_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/8/2023 18:57	40201 BEGA_T2	1	1	0	0.9	0.8	-0.1	0	0	0	0	0	0	0	0
12/8/2023 18:58	56802 BENV_T2	16	41	25	0.17	0.16	-0.01	0	0	0	0	0	0	0	0
12/8/2023 18:58	56504 ROCK_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/8/2023 18:58	52401 GRPA_T2	1	1	0	0.7	0.1	-0.6	0	0	0	0	0	0	0	0
12/8/2023 18:58	64204 KINZ_T1	1	1	0	1	1.2	0.2	0	0	0	0	0	0	0	0
12/8/2023 18:59	40101 HUNT_T2	69	52	-17	0.54	0.5	-0.04	0	0	0	0	0

12/8/2023 19:36	64203 KINZ_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/8/2023 19:37	64203 KINZ_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/8/2023 19:38	64203 KINZ_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/8/2023 19:39	64203 KINZ_T1	365	360	-5	0.82	0.81	-0.01	0	0	0	0	0	0	0	0
12/8/2023 19:40	64203 KINZ_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/8/2023 19:41	64203 KINZ_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/8/2023 19:42	64203 KINZ_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/8/2023 19:43	64204 KINZ_T1	1	1	0	0.8	0.8	0	0	0	0	0	0	0	0	0
12/8/2023 19:44	64203 KINZ_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/8/2023 19:44	64305 LINC_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/8/2023 19:45	64201 KINZ_T1	341	378	37	0.76	0.96	0.2	0	0	0	0	0	0	0	0
12/8/2023 19:45	64305 LINC_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/8/2023 19:46	64201 KINZ_T1	341	378	37	0.76	0.96	0.2	0	0	0	0	0	0	0	0
12/8/2023 19:47	64203 KINZ_T1	0	10	10	0	0.1	0.1	0	0	0	0	0	0	0	0
12/8/2023 19:48	64203 KINZ_T1	0	10	10	0	0.1	0.1	0	0	0	0	0	0	0	0
12/8/2023 19:49	64204 KINZ_T1	1	3	2	0.7	0.5	-0.2	0	0	0	0	0	0	0	0
12/8/2023 19:50	54501 ENOL_T2	0	1	1	0	0	0	0	0	0	0	0	0	0	0
12/8/2023 19:50	64204 KINZ_T1	1	3	2	0.7	0.5	-0.2	0	0	0	0	0	0	0	0
12/8/2023 19:51	64203 KINZ_T1	0	10	10	0	0.1	0.1	0	0	0	0	0	0	0	0
12/8/2023 19:52	64203 KINZ_T1	0	10	10	0	0.1	0.1	0	0	0	0	0	0	0	0
12/8/2023 19:52	65001 NEFF_T2	55	119	64	0.15	0.15	0	0	0	0	0	0	0	0	0
12/8/2023 19:53	64203 KINZ_T1	0	10	10	0	0.1	0.1	0	0	0	0	0	0	0	0
12/8/2023 19:54	64201 KINZ_T1	341	378	37	0.76	0.96	0.2	0	0	0	0	0	0	0	0
12/8/2023 19:55	64201 KINZ_T1	341	378	37	0.76	0.96	0.2	0	0	0	0	0	0	0	0
12/8/2023 19:56	64101 BEPB_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/8/2023 19:56	64203 KINZ_T1	0	10	10	0	0.1	0.1	0	0	0	0	0	0	0	0
12/8/2023 19:57	64201 KINZ_T1	341	378	37	0.76	0.96	0.2	0	0	0	0	0	0	0	0
12/8/2023 19:58	64201 KINZ_T1	341	378	37	0.76	0.96	0.2	0	0	0	0	0	0	0	0
12/8/2023 19:58	54501 ENOL_T2	0	1	1	0	0	0	0	0	0	0	0	0	0	0
12/8/2023 19:59	64202 KINZ_T1	0	2	2	0	0.1	0.1	0	0	0	0	0	0	0	0
12/8/2023 20:00	64201 KINZ_T1	353	380	27	0.74	1.05	0.31	0	0	0	0	0	0	0	0
12/8/2023 20:01	64201 KINZ_T1	353	380	27	0.74	1.05	0.31	0	0	0	0	0	0	0	0
12/8/2023 20:02	64204 KINZ_T1	1	5	4	0.8	0.38	-0.42	0	0	0	0	0	0	0	0
12/8/2023 20:03	64201 KINZ_T1	353	380	27	0.74	1.05	0.31	0	0	0	0	0	0	0	0
12/8/2023 20:03	42801 SELI_T1	1	1	0	0	0	0	0	0	0	0	0	0	0	0
12/8/2023 20:04	64203 KINZ_T1	0	18	18	0	0.14	0.14	0	0	0	0	0	0	0	0
12/8/2023 20:04	64305 LINC_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/8/2023 20:04	42801 SELI_T1	1	1	0	0	0	0	0	0	0	0	0	0	0	0
12/8/2023 20:05	64202 KINZ_T1	0	7	7	0	0.2	0.2	0	0	0	0	0	0	0	0
12/8/2023 20:05	42801 SELI_T1	1	1	0	0	0	0	0	0	0	0	0	0	0	0
12/8/2023 20:05	64305 LINC_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/8/2023 20:06	64203 KINZ_T1	0	18	18	0	0.14	0.14	0	0	0	0	0	0	0	0
12/8/2023 20:06	47401 PENS_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/8/2023 20:07	64203 KINZ_T1	0	18	18	0	0.14	0.14	0	0	0	0	0	0	0	0
12/8/2023 20:07	42802 SELI_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/8/2023 20:07	47403 PENS_T1	1	1	0	2.6	2.6	0	0	0	0	0	0	0	0	0
12/8/2023 20:08	64203 KINZ_T1	0	18	18	0	0.14	0.14	0	0	0	0	0	0	0	0
12/8/2023 20:08	47401 PENS_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/8/2023 20:09	64204 KINZ_T1	1	5	4	0.8	0.38	-0.42	0	0	0	0	0	0	0	0
12/8/2023 20:10	64202 KINZ_T1	0	7	7	0	0.2	0.2	0	0	0	0	0	0	0	0
12/8/2023 20:10	42801 SELI_T1	1	1	0	0	0	0	0	0	0	0	0	0	0	0
12/8/2023 20:11	64202 KINZ_T1	0	7	7	0	0.2	0.2	0	0	0	0	0	0	0	0
12/8/2023 20:12	64204 KINZ_T1	1	5	4	0.8	0.38	-0.42	0	0	0	0	0	0	0	0
12/8/2023 20:13	64203 KINZ_T1	0	18	18	0	0.14	0.14	0	0	0	0	0	0	0	0
12/8/2023 20:14	64202 KINZ_T1	0	7	7	0	0.2	0.2	0	0	0	0	0	0	0	0
12/8/2023 20:15	42802 SELI_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/8/2023 20:17	42801 SELI_T1	1	1	0	0	0	0	0	0	0	0	0	0	0	0
12/8/2023 20:18	42802 SELI_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/8/2023 20:19	42802 SELI_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/8/2023 20:24	64305 LINC_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/8/2023 20:25	64305 LINC_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/8/2023 20:29	64203 KINZ_T1	10	27	17	0.1	0.19	0.09	0	0	0	0	0	0	0	0
12/8/2023 20:30	64201 KINZ_T1	363	457	94	0.92	1	0.08	0	0	0	0	0	0	0	0
12/8/2023 20:31	64204 KINZ_T1	5	4	-1	0.34	0.45	0.11	0	0	0	0	0	0	0	0
12/8/2023 20:32	64204 KINZ_T1	5	4	-1	0.34	0.45	0.11	0	0	0	0	0	0	0	0
12/8/2023 20:33	64201 KINZ_T1	363	457	94	0.92	1	0.08	0	0	0	0	0	0	0	0
12/8/2023 20:34	64202 KINZ_T1	7	7	0	0.2	0.2	0	0	0	0	0	0	0	0	0
12/8/2023 20:35	64204 KINZ_T1	5	4	-1	0.34	0.45	0.11	0	0	0	0	0	0	0	0
12/8/2023 20:36	64204 KINZ_T1	5	4	-1	0.34	0.45	0.11	0	0	0	0	0	0	0	0
12/8/2023 20:37	64204 KINZ_T1	5	4	-1	0.34	0.45	0.11	0	0	0	0	0	0	0	0
12/8/2023 20:38	64201 KINZ_T1	363	457	94	0.92	1	0.08	0	0	0	0	0	0	0	0
12/8/2023 20:39	64204 KINZ_T1	5	4	-1	0.34	0.45	0.11	0	0	0	0	0	0	0	0
12/8/2023 20:40	64201 KINZ_T1	363	457	94	0.92	1	0.08	0	0	0	0	0	0	0	0
12/8/2023 20:41	64201 KINZ_T1	363	457	94	0.92	1	0.08	0	0	0	0	0	0	0	0
12/8/2023 20:42	64204 KINZ_T1	5	4	-1	0.34	0.45	0.11	0	0	0	0	0	0	0	0
12/8/2023 20:43	64202 KINZ_T1	7	7	0	0.2	0.2	0	0	0	0	0	0	0	0	0
12/8/2023 20:44	64203 KINZ_T1	18	27	9	0.14	0.19	0.05	0	0	0	0	0	0	0	0
12/8/2023 20:44	47403 PENS_T1	1	1	0	2.4	2.4	0	0	0	0	0	0	0	0	0
12/8/2023 20:45	64201 KINZ_T1	456	334	-122	1	0.73	-0.27	0	0	0	0	0	0	0	0
12/8/2023 20:46	64201 KINZ_T1	456	334	-122	1	0.73	-0.27	0	0	0	0	0	0	0	0
12/8/2023 20:47	64202 KINZ_T1	7	0	-7	0.2	0	-0.2	0	0	0	0	0	0	0	0
12/8/2023 20:48	64201 KINZ_T1	456	334	-122	1	0.73	-0.27	0	0	0	0	0	0	0	0
12/8/2023 20:49	64201 KINZ_T1	456	334	-122	1	0.73	-0.27	0	0	0	0	0	0	0	0
12/8/2023 20:50	64203 KINZ_T1	27	0	-27	0.19	0	-0.19	0	0	0	0	0	0	0	0
12/8/2023 20:51	64203 KINZ_T1	27	0	-27	0.19	0	-0.19	0	0	0	0	0	0	0	0
12/8/2023 20:52	64202 KINZ_T1	7	0	-7	0.2	0	-0.2	0	0	0	0	0	0	0	0
12/8/2023 20:53	64204 KINZ_T1	4	1	-3	0.45	0.8	0.35	0	0	0	0	0	0	0	0
12/8/2023 20:54	64203 KINZ_T1	27	0	-27	0.19	0	-0.19	0	0	0	0	0	0	0	0
12/8/2023 20:55	64201 KINZ_T1	456	334	-122	1	0.73	-0.27	0	0	0	0	0	0	0	0
12/8/2023 20:56	64202 KINZ_T1	7	0	-7	0.2	0	-0.2	0	0	0	0	0	0	0	0
12/8/2023 20:57	64203 KINZ_T1	27	0	-27	0.19	0	-0.19	0	0	0	0	0	0	0	0
12/8/2023 20:58	64203 KINZ_T1	27	0	-27	0.19	0	-0.19	0	0	0	0	0	0	0	0
12/8/2023 20:59	64203 KINZ_T1	27	0	-27	0.19	0	-0.19	0	0	0	0	0	0	0	0
12/8/2023 21:00	64204 KINZ_T1	1	1	0	0.5	0.9	0.4	0	0	0	0	0	0	0	0
12/8/2023 21:01	64204 KINZ_T1	1	1	0	0.5	0.9	0.4	0	0	0	0	0	0	0	0
12/8/2023 21:01	65001 NEFF_T2	202	242	40	0.24	0.35	0.11	0	0	0	0	0	0	0	0
12/8/2023 21:02	64201 KINZ_T1	325	351	26	0.71	0.74	0.03	0	0	0	0	0	0	0	0
12/8/2023 21:03	64201 KINZ_T1	325	351	26	0.71	0.74	0.03	0	0	0	0	0	0	0	0
12/8/2023 21:04	64204 KINZ_T1	1	1	0	0.5	0.9	0.4	0	0	0	0	0	0	0	0
12/8/2023 21:04	64305 LINC_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/8/2023 21:05	64204 KINZ_T1	1	1	0	0.5	0.9	0.4	0	0	0	0	0	0	0	0
12/8/2023 21:05	64305 LINC_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/8/2023 21:06	64204 KINZ_T1	1	1	0	0.5	0.9	0.4	0	0	0	0	0	0	0	0
12/8/2023 21:07	64204 KINZ_T1	1	1	0	0.5	0.9	0.4	0	0	0	0	0	0	0	0
12/8/2023 21:08	64201 KINZ_T1	325	351	26	0.71	0.74	0.03	0	0	0	0	0	0	0	0
12/8/2023 21:09	64201 KINZ_T1	325	351	26	0.71	0.74	0.03	0	0	0	0	0	0	0	0
12/8/2023 21:10	64204 KINZ_T1	1	1	0	0.5	0.9	0.4	0	0	0	0	0	0	0	0
12/8/2023 21:11	64204 KINZ_T1	1	1	0	0.5	0.9	0.4	0	0	0	0	0	0	0	0
12/8/2023 21:12	64203 KINZ_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/8/2023 21:13	64201 KINZ_T1	325	351	26	0.71	0.74	0.03	0	0	0	0	0	0	0	0
12/8/2023 21:14	64204 KINZ_T1	1	1	0	0.5	0.9	0.4	0	0	0	0	0	0	0	0
12/8/2023 21:29	64201 KINZ_T1	331	359	28	0.69	0.8	0.11	0	0	0	0	0	0	0	0
12/8/2023 21:30	64203 KINZ_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/8/2023 21:31	64204 KINZ_T1	1	1	0	0.9	0.9	0	0	0	0	0	0	0	0	0
12/8/2023 21:32	64203 KINZ_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/8/2023 21:33	64201 KINZ_T1	348	368	20	0.72	1	0.28	0	0	0	0	0	0	0	0
12/8/2023 21:34	64204 KINZ_T1	1	1	0	0.9	0.9	0	0	0	0	0	0	0	0	0
12/8/2023 21:35	64203 KINZ_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/8/2023 21:36	64203 KINZ_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/8/2023 21:37	64204 KINZ_T1	1	1	0	0.9	0.9	0	0	0	0	0	0	0	0	0
12/8/2023 21:38	64204 KINZ_T1	1	1	0	0.9	0.9	0	0	0	0	0	0	0	0	0
12/8/2023 21:39	64204 KINZ_T1	1	1	0	0.9	0.9	0	0	0	0	0	0	0	0	0
12/8/2023 21:40	64204 KINZ_T1	1	1	0	0.9	0.9	0	0	0	0	0	0	0	0	0
12/8/2023 21:41	64201 KINZ_T1	348	368	20	0.72	1	0.28	0	0	0	0	0	0	0	0
12/8/2023 21:42	64201 KINZ_T1	348	368	20	0.72	1	0.28	0	0	0	0	0	0	0	0
12/8/2023 21:43	64204 KINZ_T1	1	1	0	0.9	0.9	0	0	0	0	0	0	0	0	0
12/8/2023 21:44	64201 KINZ_T1	348	368	20	0.72	1	0.28	0	0	0	0	0	0	0	0
12/8/2023 21:44	64305 LINC_T1	0	0	0	0	0	0	-0.66	0	0	0	0	0	0	0
12/8/2023 21:45	64203 KINZ_T1	0	0	0	0	0	0	-0.05	0	0	0	0	0	0	0
12/8/2023 21:45	64305 LINC_T1	0	0	0	0	0	0	-0.66	0	0	0	0	0	0	0
12/8/2023 21:46	64201 KINZ_T1	338	391	53	0.69	1.1	0.41	0	0	0	0	0	0	0	0
12/8/2023 21:47	64204 KINZ_T1	1	2	1	0.9	0.5	-0.4	0	0	0	0	0	0	0	0
12/8/2023 21:48	64204 KINZ_T1	1	2	1	0.9	0.5	-0.4	0	0	0	0	0	0	0	0
12/8/2023 21:49	64201 KINZ_T1	338	391	53	0.69	1.1	0.41	0	0	0	0	0	0	0	0
12/8/2023 21:50	64201 KINZ_T1	338	391	53	0.69	1.1	0.41	0	0	0	0	0	0	0	0
12/8/2023 21:51	64204 KINZ_T1	1	2	1	0.9	0.5	-0.4	0	0	0	0	0	0	0	0
12/8/2023 21:52	64203 KINZ_T1	0	0	0	0	0	0	-0.05	0	0	0	0	0	0	0
12/8/2023 21:53	64201 KINZ_T1	338	391	53	0.69	1.1	0.41	0	0	0	0	0	0	0	0
12/8/2023 21:53	65001 NEFF_T2	6	0	-6	0.1	0	-0.1	0	-0.02	0	1	1	0	1200	1200
12/8/2023 21:54	64204 KINZ_T1	1	2	1	0.9	0.5	-0.4	0	0	0	0	0	0	0	0
12/8/2023 21:55	64203 KINZ_T1	0	0	0	0	0	0	-0.05	-0.05	0	0	0	0	0	0
12/8/2023 21:56	64203 KINZ_T1	0	0	0	0	0	0	-0.05	-0.05	0	0	0	0	0	0
12/8/2023 21:57	64201 KINZ_T1	338	391	53	0.69	1.1	0.41	0	0	0	0	0	0	0	0
12/8/2023 21:58	64201 KINZ_T1	338	391	53	0.69	1.1	0.41	0	0	0	0	0	0	0	0
12/8/2023 21:59	64201 KINZ_T1	338	391	53	0.69	1.1	0.41	0	0	0	0	0	0	0	0
12/8/2023 22:00	64201 KINZ_T1	361	392	31	1.02	1.13	0.11	0	0	0	0	0	0	0	0
12/8/2023 22:01	64204 KINZ_T1	1	2	1	0.9	0.65	-0.25	0	0	0	0	0	0	0	0
12/8/2023 22:02	64203 KINZ_T1	0	0	0	0	0	0	-0.05	-0.05	0	0	0	0	0	0
12/8/2023 22:03	64204 KINZ_T1	1	2	1	0.9	0.65	-0.25	0	0	0	0	0	0	0	0
12/8/2023 22:04	64201 KINZ_T1	361	392	31	1.02	1.13	0.11	0	0	0	0	0	0	0	0
12/8/2023 22:05	64203 KINZ_T1	0	0	0	0	0	0	-0.05	-0.05	0	0	0	0	0	0
12/8/2023 22:06	64204 KINZ_T1	1	2	1	0.9	0.65	-0.25	0	0	0	0	0	0	0	0
12/8/2023 22:07	64204 KINZ_T1	1	2	1	0.9	0.65	-0.25	0	0	0	0	0	0	0	0
12/8/2023 22:08	64203 KINZ_T1	0	0	0	0	0	0	-0.05	-0.01	0	0	0	0	0	0
12/8/2023 22:09	64201 KINZ_T1	361	392	31	1.02	1.13	0.11	0	0	0	0	0	0	0	0
12/8/2023 22:10	64203 KINZ_T1	0	0	0	0	0	0	-0.05	-0.01	0	0	0	0	0	0
12/8/2023 22:11	64201 KINZ_T1	361	392	31	1.02	1.13	0.11	0	0	0	0	0	0	0	0
12/8/2023 22:12	64203 KINZ_T1	0	0	0	0	0	0	-0.05	-0.01	0	0	0	0	0	0
12/8/2023 22:13	64201 KINZ_T1	361	392	31	1.02	1.13	0.11	0	0	0	0	0	0	0	0
12/8/2023 22:14	64204 KINZ_T1	1	2	1	0.9	0.65	-0.25	0	0	0	0	0	0	0	0
12/8/2023 22:24	64305 LINC_T1	0	0	0	0	0	0	-0.72	-0.68	0	0	0	0	0	0
12/8/2023 22:25	64305 LINC_T1	0	0	0	0	0	0	-0.72	-0.68	0	0	0	0	0	0
12/8/2023 22:29	64201 KINZ_T1	390	357	-33	1.06	1.19	0.13	0	0	0	0	0	0	0	0
12/8/2023 22:30	64204 KINZ_T1	1	1	0	1.2	0.6	-0.6	0	0	0	0	0	0	0	0
12/8/2023 22:31	64201 KINZ_T1	357	183	-174	1.19	0.2	-0.99	0	0	0	0	0	0	0	0
12/8/2023 22:32	64203 KINZ_T1	0	0	0	0	0	0	-0.01	-0.05	0	0	0	0	0	0
12/8/2023 22:33	64203 KINZ_T1	0	0	0	0	0	0	-0.01	-0.05	0	0	0	0	0	0
12/8/2023 22:34	64203 KINZ_T1	0	0	0	0	0	0	-0.01	-0.05	0	0	0	0	0	0
12/8/2023 22:35	42801 SELI_T1	1	1	0	0	0	0	0	0	0	0	0	0	0	0
12/8/2023 22:35	64201 KINZ_T1	357	183	-174	1.19	0.2	-0.99	0	0	0	0	0	0	0	0
12/8/2023 22:36	64203 KINZ_T1	0	0	0	0	0	0	-0.01	-0.05	0	0	0	0	0	0
12/8/2023 22:37	64203 KINZ_T1	0	0	0	0	0	0	-0.01	-0.05	0	0	0	0	0	0
12/8/2023 22:38	64203 KINZ_T1	0	0	0	0	0	0	-0.01	-0.01	0	0	0	0	0	0
12/8/2023 22:39	64203 KINZ_T1	0	0	0	0	0	0	-0.05	-0.01	0	0	0	0	0	0
12/8/2023 22:40	64201 KINZ_T1	357	183	-174	1.19	0.2	-0.99	0	0	0	0	0	0	0	0
12/8/2023 22:40	65001 NEFF_T2	0	24	24	0	0.12	0.12	-1.38	-1.37	1	1	0	1200	1200	0
12/8/2023 22:41	64203 KINZ_T1	0	0	0	0	0	0	-0.05	-0.01	0	0	0	0	0	0
12/8/2023 22:42	64204 KINZ_T1	1	1	0	1.2	0.6	-0.6	0	0	0	0	0	0	0	0
12/8/2023 22:43	64204 KINZ_T1	1	1	0	1.2	0.6	-0.6	0	0	0	0	0	0	0	0
12/8/2023 22:44	64203 KINZ_T1	0	0	0	0	0	0	-0.05	-0.01	0	0	0	0	0	0
12/8/2023 22:44	64305 LINC_T1	0	0	0	0	0	0	-0.68	-0.7	0	0

12/8/2023 23:33	64204 KINZ_T1	1	1	0	0.7	0.7	0	0	0	0	0	0	0	0
12/8/2023 23:34	64203 KINZ_T1	0	0	0	0	0	0	-0.12	-0.12	0	0	0	0	0
12/8/2023 23:35	64204 KINZ_T1	1	1	0	0.7	0.7	0	0	0	0	0	0	0	0
12/8/2023 23:36	64201 KINZ_T1	334	338	4	0.51	0.56	0.05	0	0	0	0	0	0	0
12/8/2023 23:37	64203 KINZ_T1	0	0	0	0	0	0	-0.12	-0.12	0	0	0	0	0
12/8/2023 23:38	64203 KINZ_T1	0	0	0	0	0	0	-0.12	-0.13	0	0	0	0	0
12/8/2023 23:39	64204 KINZ_T1	1	1	0	0.7	0.7	0	0	0	0	0	0	0	0
12/8/2023 23:40	64201 KINZ_T1	334	338	4	0.51	0.56	0.05	0	0	0	0	0	0	0
12/8/2023 23:41	64203 KINZ_T1	0	0	0	0	0	0	-0.12	-0.13	0	0	0	0	0
12/8/2023 23:42	64203 KINZ_T1	0	0	0	0	0	0	-0.12	-0.13	0	0	0	0	0
12/8/2023 23:43	64204 KINZ_T1	1	1	0	0.7	0.7	0	0	0	0	0	0	0	0
12/8/2023 23:44	64201 KINZ_T1	334	338	4	0.51	0.56	0.05	0	0	0	0	0	0	0
12/8/2023 23:45	64203 KINZ_T1	0	0	0	0	0	0	-0.12	-0.13	0	0	0	0	0
12/8/2023 23:46	64203 KINZ_T1	0	0	0	0	0	0	-0.12	-0.13	0	0	0	0	0
12/8/2023 23:47	64204 KINZ_T1	1	1	0	0.6	0.8	0.2	0	0	0	0	0	0	0
12/8/2023 23:48	64201 KINZ_T1	334	343	9	0.54	0.75	0.21	0	0	0	0	0	0	0
12/8/2023 23:49	64201 KINZ_T1	334	343	9	0.54	0.75	0.21	0	0	0	0	0	0	0
12/8/2023 23:50	64204 KINZ_T1	1	1	0	0.6	0.8	0.2	0	0	0	0	0	0	0
12/8/2023 23:51	64201 KINZ_T1	334	343	9	0.54	0.75	0.21	0	0	0	0	0	0	0
12/8/2023 23:52	64204 KINZ_T1	1	1	0	0.6	0.8	0.2	0	0	0	0	0	0	0
12/8/2023 23:53	64203 KINZ_T1	0	0	0	0	0	0	-0.13	-0.14	0	0	0	0	0
12/8/2023 23:54	64203 KINZ_T1	0	0	0	0	0	0	-0.13	-0.14	0	0	0	0	0
12/9/2023 0:04	64305 LINC_T1	0	0	0	0	0	0	-0.71	-0.69	0	0	0	0	0
12/9/2023 0:05	64305 LINC_T1	0	0	0	0	0	0	-0.71	-0.69	0	0	0	0	0
12/9/2023 0:20	65001 NEFF_T2	0	0	0	0	0	0	-1.42	-1.45	1	1	0	1200	1200
12/9/2023 0:24	64305 LINC_T1	0	0	0	0	0	0	-0.65	-0.7	0	0	0	0	0
12/9/2023 0:25	64305 LINC_T1	0	0	0	0	0	0	-0.65	-0.7	0	0	0	0	0
12/9/2023 0:28	54505 ENOL_T2	1	1	0	0.1	0.1	0	-1.25	-1.25	1	1	0	600	600
12/9/2023 0:28	44601 SALE_T2	0	0	0	0	0	0	-0.15	-0.22	0	0	0	0	0
12/9/2023 0:28	40101 HUNT_T2	1	2	1	0.1	0.2	0.1	-0.75	-0.77	0	0	0	0	0
12/9/2023 0:44	64305 LINC_T1	0	0	0	0	0	0	-0.7	-0.7	0	0	0	0	0
12/9/2023 0:45	64305 LINC_T1	0	0	0	0	0	0	-0.7	-0.7	0	0	0	0	0
12/9/2023 0:46	65001 NEFF_T2	0	0	0	0	0	0	-1.44	-1.46	1	1	0	1200	1200
12/9/2023 1:04	64305 LINC_T1	0	0	0	0	0	0	-0.7	-0.66	0	0	0	0	0
12/9/2023 1:05	64305 LINC_T1	0	0	0	0	0	0	-0.7	-0.66	0	0	0	0	0
12/9/2023 1:24	64305 LINC_T1	0	0	0	0	0	0	-0.68	-0.69	0	0	0	0	0
12/9/2023 1:25	64305 LINC_T1	0	0	0	0	0	0	-0.68	-0.69	0	0	0	0	0
12/9/2023 1:44	64305 LINC_T1	0	0	0	0	0	0	-0.69	-0.71	0	0	0	0	0
12/9/2023 1:45	64305 LINC_T1	0	0	0	0	0	0	-0.69	-0.71	0	0	0	0	0
12/9/2023 2:04	64305 LINC_T1	0	0	0	0	0	0	-0.71	-0.72	0	0	0	0	0
12/9/2023 2:05	65001 NEFF_T2	0	0	0	0	0	0	-1.48	-1.46	1	1	0	1200	1200
12/9/2023 2:05	64305 LINC_T1	0	0	0	0	0	0	-0.71	-0.72	0	0	0	0	0
12/9/2023 2:24	64305 LINC_T1	0	0	0	0	0	0	-0.74	-0.71	0	0	0	0	0
12/9/2023 2:25	64305 LINC_T1	0	0	0	0	0	0	-0.74	-0.71	0	0	0	0	0
12/9/2023 2:26	65001 NEFF_T2	0	2	2	0	0.1	0.1	-1.46	-1.43	1	1	0	1200	1200
12/9/2023 2:44	64305 LINC_T1	0	0	0	0	0	0	-0.71	-0.7	0	0	0	0	0
12/9/2023 2:45	64305 LINC_T1	0	0	0	0	0	0	-0.71	-0.7	0	0	0	0	0
12/9/2023 3:02	64305 LINC_T1	0	0	0	0	0	0	-0.7	-0.62	0	0	0	0	0
12/9/2023 3:19	64305 LINC_T1	0	0	0	0	0	0	-0.62	-0.69	0	0	0	0	0
12/9/2023 5:09	65001 NEFF_T2	0	0	0	0	0	0	-1.42	-1.36	1	1	0	1200	1200
12/9/2023 5:25	65001 NEFF_T2	0	0	0	0	0	0	-1.36	-1.38	1	1	0	1200	1200
12/9/2023 6:01	65005 NEFF_T2	0	1	1	0	0	0	0	0	0	0	0	0	0
12/9/2023 6:12	65001 NEFF_T2	0	0	0	0	0	0	-1.32	-1.37	1	1	0	1200	1200
12/9/2023 7:30	65001 NEFF_T2	0	0	0	0	0	0	-1.19	-1.23	1	1	0	1200	1200
12/9/2023 11:18	52402 GRPA_T2	1	3	2	2.8	1.23	-1.57	0	0	0	0	0	0	0
12/9/2023 11:20	64204 KINZ_T1	1	1	0	0.9	1.1	0.2	0	0	0	0	0	0	0
12/9/2023 11:20	42801 SELI_T1	1	1	0	0	0	0	0	0	0	0	0	0	0
12/9/2023 11:20	40602 PIGR_T1	0	0	0	0	0	0	0	0	2	2	0	1200	1200
12/9/2023 11:20	12701 MACU_T1	0	0	0	0	0	0	0.1	0.11	0	0	0	0	0
12/9/2023 11:20	65001 NEFF_T2	0	0	0	0	0	0	-1.16	-1.16	1	1	0	1200	1200
12/9/2023 11:21	67204 TEHI_T2	0	0	0	0	0	0	-0.22	-0.19	0	0	0	0	0
12/9/2023 11:21	55002 NEWP_T1	2	3	1	0.45	0.27	-0.18	-0.18	-0.21	0	0	0	0	0
12/9/2023 11:24	43304 WATS_T2	0	0	0	0	0	0	-0.8	-0.81	0	0	0	0	0
12/9/2023 11:24	67502 WEWI_T2	0	0	0	0	0	0	-1.46	-1.44	1	1	0	900	900
12/9/2023 11:24	43304 WATS_T2	0	0	0	0	0	0	-0.8	-0.81	0	0	0	0	0
12/9/2023 11:25	67103 SPRI_T1	0	0	0	0	0	0	-0.37	-0.37	0	0	0	0	0
12/9/2023 11:25	67503 WEWI_T2	0	0	0	0	0	0	-0.26	-0.22	0	0	0	0	0
12/9/2023 11:25	43304 WATS_T2	0	0	0	0	0	0	-2.4	-2.43	0	0	0	0	0
12/9/2023 11:25	43302 WATS_T2	4	1	-3	0.23	0.1	-0.13	0	0	0	0	0	0	0
12/9/2023 11:25	42801 SELI_T1	1	1	0	0	0	0	0	0	0	0	0	0	0
12/9/2023 11:25	43201 MVIL_T2	0	0	0	0	0	0	-1.34	-0.38	0	0	0	0	0
12/9/2023 11:26	52501 PROG_T1	0	0	0	0	0	0	0.01	0.04	1	1	0	300	300
12/9/2023 11:26	61303 EARL_T1	0	0	0	0	0	0	0.02	-0.01	0	0	0	0	0
12/9/2023 11:27	29401 BELT_T1	0	0	0	0	0	0	0	0	1	1	0	900	900
12/9/2023 11:29	43301 WATS_T2	0	0	0	0	0	0	-0.7	-0.73	1	1	0	900	900
12/9/2023 11:29	43001 ALWD_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
12/9/2023 11:34	64201 KINZ_T1	259	447	188	0.37	0.9	0.53	-0.84	-0.78	3	3	0	1500	1500
12/9/2023 11:34	60201 ATGL_T2	0	0	0	0	0	0	0.08	0.07	0	0	0	0	0
12/9/2023 11:34	56501 ROCK_T2	0	1	1	0	0	0	-1.42	-1.42	0	0	0	0	0
12/9/2023 11:34	40505 CRES_T1	0	0	0	0	0	0	0.36	0.31	0	0	0	0	0
12/9/2023 11:34	12701 MACU_T1	0	0	0	0	0	0	0.23	0.15	0	0	0	0	0
12/9/2023 11:34	66504 SMAN_T2	0	0	0	0	0	0	-1.87	-0.53	1	0	-1	1200	0
12/9/2023 11:34	56802 BENV_T2	1	1	0	0.6	0.6	0	-2.76	-2.72	0	0	0	0	0
12/9/2023 11:35	57401 SPAN_T1	0	0	0	0	0	0	-0.86	-1.78	1	2	1	600	1200
12/9/2023 11:35	56803 BENV_T1	0	1	1	0	0	0	0	0	0	0	0	0	0
12/9/2023 11:35	43304 WATS_T2	0	0	0	0	0	0	-0.8	-0.81	0	0	0	0	0
12/9/2023 11:35	55002 NEWP_T1	3	2	-1	0.27	0.35	0.08	-0.21	-0.19	0	0	0	0	0
12/9/2023 11:35	29402 BELT_T1	1	1	0	6.8	6.9	0.1	0	0	0	0	0	0	0
12/9/2023 11:35	42801 SELI_T1	1	1	0	0	0	0	0	0	0	0	0	0	0
12/9/2023 11:35	65901 SAKR_T2	1	1	0	8.2	8.2	0	0	0	0	0	0	0	0
12/9/2023 11:35	59101 WALK_T2	1	1	0	0	0	0	1.19	1.14	1	1	0	450	450
12/9/2023 11:35	65001 NEFF_T2	0	5	5	0	0.12	0.12	-1.16	-1.07	1	1	0	1200	1200
12/9/2023 11:35	16402 MOPO_T1	4	4	0	1.28	0.4	-0.88	-0.16	-0.16	0	0	0	0	0
12/9/2023 11:36	57401 SPAN_T1	0	0	0	0	0	0	-0.86	-0.89	1	1	0	600	600
12/9/2023 11:36	64204 KINZ_T1	1	1	0	0.3	1.1	0.8	0	0	0	0	0	0	0
12/9/2023 11:36	56802 BENV_T2	1	1	0	0.6	0.6	0	-1.38	-1.36	0	0	0	0	0
12/9/2023 11:37	56802 BENV_T2	1	1	0	0.6	0.6	0	-1.38	-1.36	0	0	0	0	0
12/9/2023 11:39	67502 WEWI_T2	0	0	0	0	0	0	-1.44	-1.43	1	1	0	900	900
12/9/2023 11:39	40505 CRES_T1	0	0	0	0	0	0	0.31	0.35	0	0	0	0	0
12/9/2023 11:39	27502 WEIS_T2	0	0	0	0	0	0	-0.57	-0.6	0	0	0	0	0
12/9/2023 11:39	43304 WATS_T2	0	0	0	0	0	0	-0.81	-0.84	0	0	0	0	0
12/9/2023 11:39	64101 REFR_T1	0	0	0	0	0	0	-0.04	-0.06	0	0	0	0	0
12/9/2023 11:40	40505 CRES_T1	0	0	0	0	0	0	0.62	0.7	0	0	0	0	0
12/9/2023 11:40	43001 ALWD_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
12/9/2023 11:40	43302 WATS_T2	1	0	-1	0.1	0	-0.1	0	0	0	0	0	0	0
12/9/2023 11:40	63501 HEID_TBK1-2	16	26	10	0.13	0.15	0.02	-0.49	-0.43	1	1	0	900	900
12/9/2023 11:40	64101 REFR_T1	0	0	0	0	0	0	-0.04	-0.12	0	0	0	0	0
12/9/2023 11:40	57401 SPAN_T1	0	0	0	0	0	0	-0.89	-0.9	1	1	0	600	600
12/9/2023 11:40	45402 WILO_T2	2	2	0	0.8	0.95	0.15	-0.65	-0.64	0	0	0	0	0
12/9/2023 11:40	44301 BEAV_T2	1	4	3	0.1	0.3	0.2	-0.85	-0.85	1	1	0	600	600
12/9/2023 11:41	41801 GOCI_T2	32	30	-2	0.19	0.17	-0.02	0	0	0	0	0	0	0
12/9/2023 11:43	56801 BENV_T1	18	20	2	0.77	0.62	-0.15	-0.68	-0.67	1	1	0	600	600
12/9/2023 11:44	63501 HEID_TBK1-2	16	26	10	0.13	0.15	0.02	-0.49	-0.43	1	1	0	900	900
12/9/2023 11:44	40101 HUNT_T2	0	0	0	0	0	0	-0.61	-0.61	0	0	0	0	0
12/9/2023 11:44	57401 SPAN_T1	0	0	0	0	0	0	-0.89	-0.9	1	1	0	600	600
12/9/2023 11:44	13901 SEID_T1	0	0	0	0	0	0	0.22	0.24	0	0	0	0	0
12/9/2023 11:44	14403 SSLA_T1	0	0	0	0	0	0	1.5	1.46	0	0	0	0	0
12/9/2023 11:44	40505 CRES_T1	0	0	0	0	0	0	0.31	0.35	0	0	0	0	0
12/9/2023 11:44	56802 BENV_T2	1	1	0	0.6	0.6	0	-1.36	-1.29	0	0	0	0	0
12/9/2023 11:45	64204 KINZ_T1	1	2	1	1.1	0.3	-0.8	0	0	0	0	0	0	0
12/9/2023 11:45	63501 HEID_TBK1-2	19	35	16	0.17	0.31	0.14	-0.49	-0.43	1	1	0	900	900
12/9/2023 11:45	46801 HEPB_T2	1	2	1	0.1	0.25	0.15	0.59	0.62	0	0	0	0	0
12/9/2023 11:45	39601 LNFD_T1	0	0	0	0	0	0	0	0	1	1	0	900	900
12/9/2023 11:45	40101 HUNT_T2	0	0	0	0	0	0	-0.61	-0.61	0	0	0	0	0
12/9/2023 11:45	55002 NEWP_T1	2	4	2	0.2	0.45	0.25	-0.19	-0.19	0	0	0	0	0
12/9/2023 11:45	12701 MACU_T1	0	0	0	0	0	0	0.07	0.09	0	0	0	0	0
12/9/2023 11:46	64202 KINZ_T1	0	3	3	0	0.57	0.57	0	0	0	0	0	0	0
12/9/2023 11:46	64204 KINZ_T1	1	2	1	1.1	0.3	-0.8	0	0	0	0	0	0	0
12/9/2023 11:46	60501 NMAN_T2	3	3	0	4.47	4.33	-0.14	0	0	0	0	0	0	0
12/9/2023 11:46	58402 MORO_T1	0	0	0	0	0	0	-0.39	-0.42	2	2	0	1500	1500
12/9/2023 11:46	65001 NEFF_T2	0	5	5	0	0.12	0.12	-1.07	-1.2	1	1	0	1200	1200
12/9/2023 11:46	40101 HUNT_T2	0	0	0	0	0	0	-0.61	-0.61	0	0	0	0	0
12/9/2023 11:48	64101 REFR_T1	0	0	0	0	0	0	-0.04	-0.06	0	0	0	0	0
12/9/2023 11:49	64101 REFR_T1	0	0	0	0	0	0	-0.04	-0.06	0	0	0	0	0
12/9/2023 11:49	48302 ORWI_T2	3	3	0	0.9	1.23	0.33	-0.63	-0.62	0	0	0	0	0
12/9/2023 11:50	64101 REFR_T1	0	0	0	0	0	0	-0.04	-0.06	0	0	0	0	0
12/9/2023 11:50	56501 ROCK_T2	0	1	1	0	0.1	0.1	-1.42	-1.44	0	0	0	0	0
12/9/2023 11:51	45702 LIND_T2	3	5	2	0.57	0.6	0.03	-0.55	-0.54	0	0	0	0	0
12/9/2023 11:51	42802 SELI_T1	0	0	0	0	0	0	-6.49	-6.58	3	3	0	2700	2700
12/9/2023 11:52	44301 BEAV_T2	2	4	2	0.15	0.37	0.22	-0.85	-0.85	1	1	0	600	600
12/9/2023 11:52	16302 ALPA_T2	0	0	0	0	0	0	-1.46	-1.66	0	0	0	0	0
12/9/2023 11:52	64101 REFR_T1	0	0	0	0	0	0	-0.04	-0.06	0	0	0	0	0
12/9/2023 11:53	56504 ROCK_T2	1	1	0	0.7	0.2	-0.5	0	0	0	0	0	0	0
12/9/2023 11:54	60102 COCA_T1	0	0	0	0	0	0	-0.68	-0.04	2	1	-1	1200	600
12/9/2023 11:54	64101 REFR_T1	0	0	0	0	0	0	-0.06	-0.05	0	0	0	0	0
12/9/2023 11:54	16302 ALPA_T2	0	0	0	0	0	0	-0.83	-0.73	0	0	0	0	0
12/9/2023 11:55	64101 REFR_T1	0	0	0	0	0	0	-0.06	-0.05	0	0	0	0	0
12/9/2023 11:55	16103 BING_T2	0	1	1	0	0	0	0	0	0	0	0	0	0
12/9/2023 11:55	16302 ALPA_T2	0	0	0	0	0	0	-0.83	-0.73	0	0	0	0	0
12/9/2023 11:55	29402 BELT_T1	1	1	0	6.9	6.9	0	0	0	0	0	0	0	0
12/9/2023 11:56	44301 BEAV_T2	2	4	2	0.15	0.37	0.22	-0.85	-0.93	1	1	0	600	600
12/9/2023 11:56	16101 BING_T2	0	0	0	0	0	0	0.45	0.42	0	0	0	0	0
12/9/2023 11:56	61303 EARL_T1	0	0	0	0	0	0	0.01	0	0	0	0	0	0
12/9/2023 11:57	29402 BELT_T1	1	1	0	6.9	6.9	0	0	0	0	0	0	0	0
12/9/2023 11:57	10801 CHNI_T1	1	2	1	0.9	0.45	-0.45	-1.56	-1.59	2	2	0	1500	1500
12/9/2023 11:59	26401 INOR_T1	0	3	3	0	0.1	0.1	0.28	0.25	0	0	0	0	0
12/9/2023 12:04	64101 REFR_T1	0	0	0	0	0	0	-0.06	-0.05	0	0	0	0	0
12/9/2023 12:04	13302 ORVI_T2	0	0	0	0	0	0	-0.35	-0.36	0	0	0	0	0
12/9/2023 12:05	48302 ORWI_T2	3	3	0	1.07	1.23	0.16	-0.62	-0.56	0	0	0	0	0
12/9/2023 12:05	64101 REFR_T1	0	0	0	0	0	0	-0.17	-0.14	0	0	0	0	0
12/9/2023 12:06	66703 STRA_T1	0	0	0	0	0	0	-0.09	-0.19	0	0	0	0	0
12/9/2023 12:06	60502 NMAN_T2	0	0	0	0	0	0	-0.4	-0.42	0	0	0	0	0
12/9/2023 12:06	49803 UNIV_T1	0	2	2	0	0.1	0.1	-1.16	-1.19	0	0	0	0	0
12/9/2023 12:07	64101 REFR_T1	0	0	0	0	0	0	-0.06	-0.05	0	0	0	0	0
12/9/2023 12:08	58402 MORO_T1	0	0	0	0	0	0	-0.42	-0.43	2	2	0	1500	1500
12/9/2023 12:09	43402 BENT_T1	2	0	-2	0.35	0	-0.35	-0.91	-0.91	1	1	0	900	900
12/9/2023 12:10	43402 BENT_T1	2	0	-2	0.35	0	-0.35	-0.91	-0.91	1	1	0	900	900
12/9/2023 12:12	61303 EARL_T1	0	0	0	0	0	0	0	0.05	0	0	0	0	0
12/9/2023 12:15	26401 INOR_T1	0	0	0	0	0	0	0.25	0.24	0	0	0	0	0
12/9/2023 12:15	41801 GOCI_T2	2	160	158	0.25	0.37	0.12	0	0	0	0	0	0	0
12/9/2023 12:20	43402 BENT_T1	0	0	0	0	0	0	-0.91	-0.91	1	1	0	900	900
12/9/2023 12:25	45501 DERR_T2	1	2	1	0.3	0.4	0.1	-0.9	-0.95	2	2	0	1800	1800
12/9/2023 12:27	45501 DERR_T2	1	2	1	0.3	0.4	0.1	-0.9	-0.95	2	2	0	1800	1800
12/9/2023 12:32	47403 PENS_T1	1	1	0	2.4	2.5	0.1	0	0	0	0	0	0	0
12/9/2023 12:33	51004 NHAR_T1	12	10	-2	0.89	1.01	0.12	-0.4	-0.39	0	0	0	0	0
12/9/2023 12:33	47401 PENS_T1	1	2	1	1	0.85	-0.15	0.81	0.74	0	0	0	0	0
12/9/2023 12:36	14802 TREI_T2	1	1	0	1.6	0.6	-1	0.37	0.36	0	0	0	0	0
12/9/2023 12:37	56504 ROCK_T2	1	1	0	0.4	0	-0.4	0	0	0	0	0	0	0
12/9/2023 12:37	14802 TREI_T2	1	1	0	1.6	0.6	-1	0.37	0.36	0	0	0	0	0
12/9/2023 12:44	52401 GRPA_T2	0	2	2	0	0.1	0.1	0	0	0	0	0	0	0
12/9/2023 12:45	50506 MECH_T1	0	0	0	0	0	0	-0.16	-0.15	0	0	0	0	0
12/9/2023 12:47	52403 GRPA_T2	4	0	-4	0.7	0	-0.7	0	0	0	0	0	0	0
12/9/2023 12:51	64101 REFR_T1	0	0	0	0	0	0	-0.04	-0.08	0	0	0	0	0
12/9/2023 12:53	20402 ASHF_T2	0	6	6	0	0	0	0	0	0	0	0	0	0
12/9/2023 12:56	67605 WARW_T1	0	7	7	0	0.23	0.23	-1.29	-1.31	0	0	0	0	0
12/9/2023 13:03	64101 REFR_T1	0	0	0	0	0	0	-0.08	-0.07	0	0	0	0	0
12/9/2023 13:03	44601 SALE_T2	1	1	0	0.6	0.8	0.2	-0.2	-0.21	0	0	0	0	0
12/9/2023 13:04	64101 REFR_T1

12/9/2023 14:00	40101 HUNT_T2	0	0	0	0	0	0	-0.71	-0.71	0	0	0	0	0	0
12/9/2023 14:00	54504 ENOL_T2	0	0	0	0	0	0	-1.04	-1.03	1	1	0	600	600	0
12/9/2023 14:03	40101 HUNT_T2	0	0	0	0	0	0	-1.42	-1.42	0	0	0	0	0	0
12/9/2023 14:05	41901 REED_T1	10	11	1	0.39	0.57	0.18	0	0	0	0	0	0	0	0
12/9/2023 14:06	67502 WEWI_T2	14	0	-14	0.25	0	-0.25	-1.51	-1.53	1	1	0	900	900	0
12/9/2023 14:07	43001 ALWD_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/9/2023 14:07	67503 WEWI_T2	0	0	0	0	0	0	-0.37	-0.34	0	0	0	0	0	0
12/9/2023 14:07	64101 REFR_T1	0	0	0	0	0	0	-0.17	-0.16	0	0	0	0	0	0
12/9/2023 14:07	67501 WEWI_T1	0	0	0	0	0	0	-1.22	-1.17	1	1	0	600	600	0
12/9/2023 14:07	67502 WEWI_T2	14	0	-14	0.25	0	-0.25	-1.51	-1.53	1	1	0	900	900	0
12/9/2023 14:08	41902 REED_T1	0	0	0	0	0	0	0.89	0.88	0	0	0	0	0	0
12/9/2023 14:08	67502 WEWI_T2	14	0	-14	0.25	0	-0.25	-1.53	-1.48	1	1	0	900	900	0
12/9/2023 14:08	60201 ATGL_T2	0	0	0	0	0	0	0.04	0.08	0	0	0	0	0	0
12/9/2023 14:09	46001 BERW_T1	0	0	0	0	0	0	1.22	1.2	0	0	0	0	0	0
12/9/2023 14:10	67501 WEWI_T1	0	0	0	0	0	0	-1.17	-1.25	1	1	0	600	600	0
12/9/2023 14:10	60201 ATGL_T2	0	0	0	0	0	0	0.08	0.02	0	0	0	0	0	0
12/9/2023 14:11	43402 BENT_T1	0	0	0	0	0	0	-0.93	-0.92	1	1	0	900	900	0
12/9/2023 14:11	64101 REFR_T1	0	0	0	0	0	0	-0.08	-0.08	0	0	0	0	0	0
12/9/2023 14:12	43402 BENT_T1	0	0	0	0	0	0	-0.93	-0.92	1	1	0	900	900	0
12/9/2023 14:13	43401 BENT_T1	0	3	3	0	0.65	0.65	0	0	0	0	0	0	0	0
12/9/2023 14:13	40101 HUNT_T2	0	0	0	0	0	0	-0.71	-0.74	0	0	0	0	0	0
12/9/2023 14:14	43401 BENT_T1	0	3	3	0	0.65	0.65	0	0	0	0	0	0	0	0
12/9/2023 14:15	40101 HUNT_T2	0	0	0	0	0	0	-0.71	-0.74	0	0	0	0	0	0
12/9/2023 14:15	43402 BENT_T1	0	0	0	0	0	0	-0.93	-0.92	1	1	0	900	900	0
12/9/2023 14:16	47001 HUGH_T2	0	0	0	0	0	0	-0.81	-0.81	0	0	0	0	0	0
12/9/2023 14:16	43401 BENT_T1	3	2	-1	0.67	0.65	-0.02	0	0	0	0	0	0	0	0
12/9/2023 14:17	64101 REFR_T1	0	0	0	0	0	0	-0.08	-0.08	0	0	0	0	0	0
12/9/2023 14:17	55002 NEWP_T1	4	5	1	0.65	0.46	-0.19	-0.21	-0.22	0	0	0	0	0	0
12/9/2023 14:17	43401 BENT_T1	3	2	-1	0.67	0.65	-0.02	0	0	0	0	0	0	0	0
12/9/2023 14:18	43401 BENT_T1	3	2	-1	0.67	0.65	-0.02	0	0	0	0	0	0	0	0
12/9/2023 14:18	55002 NEWP_T1	4	5	1	0.65	0.46	-0.19	-0.21	-0.22	0	0	0	0	0	0
12/9/2023 14:18	47001 HUGH_T2	0	0	0	0	0	0	-0.81	-0.81	0	0	0	0	0	0
12/9/2023 14:19	43401 BENT_T1	3	2	-1	0.67	0.65	-0.02	0	0	0	0	0	0	0	0
12/9/2023 14:19	55002 NEWP_T1	4	5	1	0.65	0.46	-0.19	-0.21	-0.22	0	0	0	0	0	0
12/9/2023 14:20	43401 BENT_T1	3	2	-1	0.67	0.65	-0.02	0	0	0	0	0	0	0	0
12/9/2023 14:20	59101 WALK_T2	1	1	0	0	0	0	1.03	1.05	1	1	0	450	450	0
12/9/2023 14:21	43402 BENT_T1	0	0	0	0	0	0	-0.93	-0.92	1	1	0	900	900	0
12/9/2023 14:21	64101 REFR_T1	0	0	0	0	0	0	-0.08	-0.08	0	0	0	0	0	0
12/9/2023 14:21	55002 NEWP_T1	4	5	1	0.65	0.46	-0.19	-0.21	-0.22	0	0	0	0	0	0
12/9/2023 14:22	67501 WEWI_T1	0	0	0	0	0	0	-1.17	-1.25	1	1	0	600	600	0
12/9/2023 14:22	49803 UNIV_T1	0	0	0	0	0	0	-1.23	-1.16	0	0	0	0	0	0
12/9/2023 14:22	43402 BENT_T1	0	0	0	0	0	0	-0.93	-0.92	1	1	0	900	900	0
12/9/2023 14:22	57401 SPAN_T1	0	0	0	0	0	0	-0.88	-0.84	1	1	0	600	600	0
12/9/2023 14:22	67502 WEWI_T2	0	0	0	0	0	0	-1.53	-1.48	1	1	0	900	900	0
12/9/2023 14:23	56802 BENV_T2	1	1	0	0.3	0.5	0.2	-2.89	-1.41	0	0	0	0	0	0
12/9/2023 14:23	57401 SPAN_T1	0	0	0	0	0	0	-1.76	-1.68	2	2	0	1200	1200	0
12/9/2023 14:23	43001 ALWD_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/9/2023 14:23	67503 WEWI_T2	0	0	0	0	0	0	-0.23	-0.32	0	0	0	0	0	0
12/9/2023 14:23	43402 BENT_T1	0	0	0	0	0	0	-0.92	-0.92	1	1	0	900	900	0
12/9/2023 14:23	67502 WEWI_T2	0	0	0	0	0	0	-1.48	-1.51	1	1	0	900	900	0
12/9/2023 14:23	67204 TEHI_T2	0	0	0	0	0	0	0.02	0.03	0	0	0	0	0	0
12/9/2023 14:24	60201 ATGL_T2	0	0	0	0	0	0	0.02	0.03	0	0	0	0	0	0
12/9/2023 14:24	67204 TEHI_T2	0	0	0	0	0	0	0.02	0.03	0	0	0	0	0	0
12/9/2023 14:24	43402 BENT_T1	0	0	0	0	0	0	-0.92	-0.92	1	1	0	900	900	0
12/9/2023 14:24	57401 SPAN_T1	0	0	0	0	0	0	-2.51	-2.63	3	3	0	1800	1800	0
12/9/2023 14:24	56802 BENV_T2	1	1	0	0.3	0.5	0.2	-1.41	-1.41	0	0	0	0	0	0
12/9/2023 14:24	67502 WEWI_T2	0	0	0	0	0	0	-2.96	-3.01	2	2	0	1800	1800	0
12/9/2023 14:25	59101 WALK_T2	1	1	0	0	0	0	1.05	1.07	1	1	0	450	450	0
12/9/2023 14:25	43401 BENT_T1	3	2	-1	0.67	0.65	-0.02	0	0	0	0	0	0	0	0
12/9/2023 14:25	56802 BENV_T2	1	1	0	0.3	0.5	0.2	-1.41	-1.41	0	0	0	0	0	0
12/9/2023 14:26	56802 BENV_T2	1	1	0	0.3	0.5	0.2	-1.41	-1.41	0	0	0	0	0	0
12/9/2023 14:26	43401 BENT_T1	3	2	-1	0.67	0.65	-0.02	0	0	0	0	0	0	0	0
12/9/2023 14:26	67503 WEWI_T2	0	0	0	0	0	0	-0.23	-0.32	0	0	0	0	0	0
12/9/2023 14:27	56802 BENV_T2	1	1	0	0.3	0.5	0.2	-1.41	-1.41	0	0	0	0	0	0
12/9/2023 14:29	40702 FFLD_T1	196	194	-2	0.55	0.54	-0.01	-1.25	-1.23	1	1	0	1200	1200	0
12/9/2023 14:32	41902 REED_T1	0	1	1	0	0	0	0.91	0.93	0	0	0	0	0	0
12/9/2023 14:33	55002 NEWP_T1	5	5	0	0.46	0.48	0.02	-0.44	-0.46	0	0	0	0	0	0
12/9/2023 14:34	57401 SPAN_T1	0	0	0	0	0	0	-0.84	-0.88	1	1	0	600	600	0
12/9/2023 14:35	55002 NEWP_T1	5	5	0	0.46	0.48	0.02	-0.22	-0.23	0	0	0	0	0	0
12/9/2023 14:36	60201 ATGL_T2	0	0	0	0	0	0	0.02	0.03	0	0	0	0	0	0
12/9/2023 14:36	49803 UNIV_T1	0	0	0	0	0	0	-1.16	-1.19	0	0	0	0	0	0
12/9/2023 14:38	42503 ALTA_T2	0	0	0	0	0	0	-0.71	-0.69	0	0	0	0	0	0
12/9/2023 14:38	43001 ALWD_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/9/2023 14:38	67502 WEWI_T2	0	0	0	0	0	0	-1.48	-1.51	1	1	0	900	900	0
12/9/2023 14:38	60803 BUCK_T1	0	0	0	0	0	0	-0.98	-0.96	1	1	0	600	600	0
12/9/2023 14:38	67501 WEWI_T1	0	0	0	0	0	0	-1.28	-1.26	1	1	0	600	600	0
12/9/2023 14:39	60201 ATGL_T2	0	0	0	0	0	0	0.03	0.02	0	0	0	0	0	0
12/9/2023 14:39	67502 WEWI_T2	0	0	0	0	0	0	-1.51	-1.5	1	1	0	900	900	0
12/9/2023 14:39	41601 CLEV_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/9/2023 14:39	40505 CRES_T1	0	0	0	0	0	0	0.28	0.28	0	0	0	0	0	0
12/9/2023 14:40	46001 BERW_T1	0	0	0	0	0	0	0.63	0.64	0	0	0	0	0	0
12/9/2023 14:40	56801 BENV_T1	22	21	-1	0.79	0.72	-0.07	-0.73	-0.72	1	1	0	600	600	0
12/9/2023 14:40	67502 WEWI_T2	0	0	0	0	0	0	-3.01	-3	2	2	0	1800	1800	0
12/9/2023 14:40	45402 WILO_T2	1	1	0	0.8	0.8	0	-0.8	-0.81	0	0	0	0	0	0
12/9/2023 14:41	46001 BERW_T1	0	0	0	0	0	0	0.63	0.64	0	0	0	0	0	0
12/9/2023 14:42	47001 HUGH_T2	0	0	0	0	0	0	-0.83	-0.78	0	0	0	0	0	0
12/9/2023 14:43	41601 CLEV_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/9/2023 14:43	40505 CRES_T1	0	0	0	0	0	0	0.28	0.28	0	0	0	0	0	0
12/9/2023 14:44	64204 KINZ_T1	1	1	0	0.7	0.9	0.2	0	0	0	0	0	0	0	0
12/9/2023 14:45	64203 KINZ_T1	0	0	0	0	0	0	-0.09	-0.11	0	0	0	0	0	0
12/9/2023 14:45	64203 KINZ_T1	0	0	0	0	0	0	-0.09	-0.11	0	0	0	0	0	0
12/9/2023 14:45	40505 CRES_T1	0	0	0	0	0	0	0.28	0.28	0	0	0	0	0	0
12/9/2023 14:48	55002 NEWP_T1	5	5	0	0.34	0.56	0.22	-0.23	-0.24	0	0	0	0	0	0
12/9/2023 14:49	55002 NEWP_T1	5	5	0	0.34	0.56	0.22	-0.23	-0.24	0	0	0	0	0	0
12/9/2023 14:49	64801 MONE_T2	0	0	0	0	0	0	0.28	0.29	0	0	0	0	0	0
12/9/2023 14:49	57401 SPAN_T1	0	0	0	0	0	0	-0.88	-0.87	1	1	0	600	600	0
12/9/2023 14:49	57403 SPAN_T1	0	0	0	0	0	0	0.12	0.11	0	0	0	0	0	0
12/9/2023 14:50	55002 NEWP_T1	5	5	0	0.34	0.56	0.22	-0.23	-0.24	0	0	0	0	0	0
12/9/2023 14:50	57401 SPAN_T1	0	0	0	0	0	0	-3.51	-3.47	4	4	0	2400	2400	0
12/9/2023 14:51	57403 SPAN_T1	0	0	0	0	0	0	0.12	0.11	0	0	0	0	0	0
12/9/2023 14:52	16301 ALPA_T1	3	3	0	0.23	0.23	0	-0.43	-0.43	0	0	0	0	0	0
12/9/2023 14:52	40302 TAMA_T3	0	0	0	0	0	0	-0.05	-0.02	0	0	0	0	0	0
12/9/2023 14:53	57401 SPAN_T1	0	0	0	0	0	0	-0.87	-0.84	1	1	0	600	600	0
12/9/2023 14:54	57403 SPAN_T1	0	0	0	0	0	0	0.11	0.11	0	0	0	0	0	0
12/9/2023 14:55	56802 BENV_T2	1	1	0	0.5	0.1	-0.4	-1.39	-1.38	0	0	0	0	0	0
12/9/2023 14:55	16301 ALPA_T1	3	3	0	0.23	0.23	0	-0.43	-0.4	0	0	0	0	0	0
12/9/2023 14:55	57403 SPAN_T1	0	0	0	0	0	0	0.11	0.11	0	0	0	0	0	0
12/9/2023 14:56	56802 BENV_T2	1	1	0	0.5	0.1	-0.4	-1.39	-1.38	0	0	0	0	0	0
12/9/2023 14:56	46001 BERW_T1	0	0	0	0	0	0	0.64	0.62	0	0	0	0	0	0
12/9/2023 14:56	16301 ALPA_T1	3	3	0	0.23	0.23	0	-0.43	-0.4	0	0	0	0	0	0
12/9/2023 14:56	40502 CRES_T2	0	6	6	0	0.15	0.15	-0.42	-0.43	0	0	0	0	0	0
12/9/2023 14:57	40502 CRES_T2	0	6	6	0	0.15	0.15	-0.42	-0.43	0	0	0	0	0	0
12/9/2023 14:57	60803 BUCK_T1	0	0	0	0	0	0	-0.96	-0.95	1	1	0	600	600	0
12/9/2023 15:00	63401 HONY_T1	0	0	0	0	0	0	0.44	0.6	0	0	0	0	0	0
12/9/2023 15:03	64101 REFR_T1	0	0	0	0	0	0	-0.09	-0.06	0	0	0	0	0	0
12/9/2023 15:04	40602 PIGR_T1	0	1	1	0	0	0	0	0	1	1	0	600	600	0
12/9/2023 15:05	40602 PIGR_T1	0	1	1	0	0	0	0	0	1	1	0	600	600	0
12/9/2023 15:06	44901 SCOT_T2	0	0	0	0	0	0	-0.42	-0.42	0	0	0	0	0	0
12/9/2023 15:08	44901 SCOT_T2	0	0	0	0	0	0	-0.42	-0.49	0	0	0	0	0	0
12/9/2023 15:08	64101 REFR_T1	0	0	0	0	0	0	-0.06	-0.1	0	0	0	0	0	0
12/9/2023 15:10	45501 DERR_T2	1	0	-1	0.2	0	-0.2	-0.92	-0.91	2	2	0	1800	1800	0
12/9/2023 15:10	29402 BELT_T1	1	1	0	6.6	7.2	0.6	0	0	0	0	0	0	0	0
12/9/2023 15:10	56802 BENV_T2	1	0	-1	0.1	0	-0.1	-1.38	-1.39	0	0	0	0	0	0
12/9/2023 15:10	65001 NEFF_T2	0	0	0	0	0	0	-1.25	-1.29	1	1	0	1200	1200	0
12/9/2023 15:11	43402 BENT_T1	0	0	0	0	0	0	-0.91	-0.9	1	1	0	900	900	0
12/9/2023 15:11	45501 DERR_T2	1	0	-1	0.2	0	-0.2	-0.92	-0.91	2	2	0	1800	1800	0
12/9/2023 15:12	43401 BENT_T1	2	2	0	0.45	0.4	-0.05	0	0	0	0	0	0	0	0
12/9/2023 15:12	45501 DERR_T2	1	0	-1	0.2	0	-0.2	-1.83	-1.83	4	4	0	3600	3600	0
12/9/2023 15:13	43401 BENT_T1	2	2	0	0.45	0.4	-0.05	0	0	0	0	0	0	0	0
12/9/2023 15:13	45501 DERR_T2	1	0	-1	0.2	0	-0.2	-0.92	-0.91	2	2	0	1800	1800	0
12/9/2023 15:13	56802 BENV_T2	1	0	-1	0.1	0	-0.1	-1.38	-1.39	0	0	0	0	0	0
12/9/2023 15:14	43401 BENT_T1	2	2	0	0.45	0.4	-0.05	0	0	0	0	0	0	0	0
12/9/2023 15:15	43402 BENT_T1	0	0	0	0	0	0	-0.91	-0.9	1	1	0	900	900	0
12/9/2023 15:16	43401 BENT_T1	1	2	1	0.4	0	-0.4	0	0	0	0	0	0	0	0
12/9/2023 15:17	43401 BENT_T1	1	2	1	0.4	0	-0.4	0	0	0	0	0	0	0	0
12/9/2023 15:18	60803 BUCK_T1	0	0	0	0	0	0	-0.95	-0.96	1	1	0	600	600	0
12/9/2023 15:18	43401 BENT_T1	1	2	1	0.4	0	-0.4	0	0	0	0	0	0	0	0
12/9/2023 15:19	43401 BENT_T1	1	2	1	0.4	0	-0.4	0	0	0	0	0	0	0	0
12/9/2023 15:20	43401 BENT_T1	1	2	1	0.4	0	-0.4	0	0	0	0	0	0	0	0
12/9/2023 15:20	65001 NEFF_T2	0	0	0	0	0	0	-1.25	-1.29	1	1	0	1200	1200	0
12/9/2023 15:21	43402 BENT_T1	0	0	0	0	0	0	-0.91	-0.9	1	1	0	900	900	0
12/9/2023 15:22	43402 BENT_T1	0	0	0	0	0	0	-0.91	-0.9	1	1	0	900	900	0
12/9/2023 15:23	43402 BENT_T1	0	0	0	0	0	0	-0.91	-0.9	1	1	0	900	900	0
12/9/2023 15:23	67401 WAKE_T2	0	0	0	0	0	0	-1.02	-0.99	0	0	0	0	0	0
12/9/2023 15:23	59101 WALK_T2	1	1	0	0	0	0	1.1	0.96	1	1	0	450	450	0
12/9/2023 15:24	43402 BENT_T1	0	0	0	0	0	0	-0.9	-0.91	1	1	0	900	900	0
12/9/2023 15:25	43402 BENT_T1	0	0	0	0	0	0	-0.9	-0.91	1	1	0	900	900	0
12/9/2023 15:26	43402 BENT_T1	0	0	0	0	0	0	-0.9	-0.91	1	1	0	900	900	0
12/9/2023 15:27	40502 CRES_T2	6	2	-4	0.15	0.1	-0.05	-0.38	-0.36	0	0	0	0	0	0
12/9/2023 15:28	40502 CRES_T2	6	2	-4	0.15	0.1	-0.05	-0.38	-0.36	0	0	0	0	0	0
12/9/2023 15:31	65001 NEFF_T2	0	0	0	0	0	0	-1.29	-1.36	1	1	0	1200	1200	0
12/9/2023 15:35	66505 SMAN_T2	0	0	0	0	0	0	-0.21	-0.24	2	2	0	1100	1100	0
12/9/2023 15:36	43304 WATS_T2	0	0	0	0	0	0	-0.48	-0.48	0	0	0	0	0	0
12/9/2023 15:40	43302 WATS_T2	3	4	1	0.2	0.23	0.03	0	0	0	0	0	0	0	0
12/9/2023 15:41	65001 NEFF_T2	0	0	0	0	0	0	-1.36	-1.3	1	1	0	1200	1200	0
12/9/2023 15:43	40502 CRES_T2	0	2	2	0	0.1	0.1	-0.36	-0.36	0	0	0	0	0	0
12/9/2023 15:45	40101 HUNT_T2	0	0	0	0	0	0	-0.69	-0.69	0	0	0	0	0	0
12/9/2023 15:48	40101 HUNT_T2	0	0	0	0	0	0	-0.69	-0.69	0	0	0	0	0	0
12/9/2023 16:07	65001 NEFF_T2	0	0	0	0	0	0	-1.3	-1.34	1	1	0	1200	1200	0
12/9/2023 16:07	42201 SHEN_T2	0	0	0	0	0	0	0.37	0.38	0	0	0	0	0	0
12/9/2023 16:08	67503 WEWI_T2	0	0	0	0	0	0	-0.34	-0.34	0	0	0	0	0	0
12/9/2023 16:09	56802 BENV_T2	1	0	-1	0.1	0	-0.1	-1.38	-1.37	0	0	0	0	0	0
12/9/2023 16:11	43402 BENT_T1	0	0	0	0	0	0	-0.91	-0.91	1	1	0	900	900	0
12/9/2023 16:12	43402 BENT_T1	0	0	0	0	0	0	-0.91	-0.91	1	1	0	900	900	0
12/9/2023 16:13	43402 BENT_T1	0	0	0	0	0	0	-0.91	-0.91	1	1	0	900	900	0
12/9/2023 16:14	43402 BENT_T1	0	0	0	0	0	0	-0.91	-0.91	1	1	0	900	900	0
12/9/2023 16:15	43402 BENT_T1	0	0	0	0	0	0	-0.91	-0.91	1	1	0	900	900	0
12/9/2023 16:16	43402 BENT_T1	0	0	0	0	0	0	-0.91	-0.91	1	1	0	900	900	0
12/9/2023 16:17	43402 BENT_T1	0	0	0	0	0	0	-0.91	-0.91	1	1	0	900	900	0
12/9/2023 16:18	43402 BENT_T1	0	0	0	0	0	0	-0.91	-0.91	1	1	0	900	900	0
12/9/2023 16:18	40602 PIGR_T1	1	0	-1	0.2	0	-0.2	0	0	1	1	0	600	600	0
12/9/2023 16:19	43402 BENT_T1	0	0	0	0	0	0	-0.91	-0.91	1	1	0	900	900	0
12/9/2023 16:20	43402 BENT_T1	0	0	0	0	0	0	-0.91	-0.91	1	1	0	900	900	0
12/9/2023 16:21	43402 BENT_T1	0	0	0	0	0	0	-0.91	-0.91	1	1	0	900	900	0
12/9/2023 16:21	24902 WHHA_T1	3	3	0	0.23	0	-0.23	0.63	0.65	0	0	0	0	0	0
12/9/2023 16:22	43402 BENT_T1	0	0	0	0	0	0	-0.91	-0.91	1	1	0	900	900	0
12/9/2023 16:23	43402 BENT_T1	0	0	0	0	0	0	-0.91	-0.89	1	1	0	900	900	0
12/9/2023 16:24	43402 BENT_T1	0	0	0	0	0	0	-0.91	-0.89	1	1	0	900	900	0
12/9/2023 16:25	43402 BENT_T1	0	0	0	0	0	0	-0.91	-0.89	1	1	0	900	900	0
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12/9/2023 18:27	40301 TAMA_T3	1	1	0	0	0	0	0	0	0	0	0	0	0	0
12/9/2023 18:28	47001 HUGH_T2	0	0	0	0	0	0	-0.71	-0.76	0	0	0	0	0	0
12/9/2023 18:29	42503 ALTA_T2	1	1	0	0.3	0.2	-0.1	-0.59	-0.6	0	0	0	0	0	0
12/9/2023 18:29	43304 WATS_T2	0	0	0	0	0	0	-0.46	-0.45	0	0	0	0	0	0
12/9/2023 18:29	49803 UNIV_T1	0	0	0	0	0	0	-1.12	-1.14	0	0	0	0	0	0
12/9/2023 18:29	44601 SALE_T2	0	1	1	0	0.1	0.1	-0.18	-0.19	0	0	0	0	0	0
12/9/2023 18:29	45501 DERR_T2	0	0	0	0	0	0	-0.8	-0.81	2	2	0	1800	1800	0
12/9/2023 18:29	44301 BEAV_T2	1	1	0	0.9	0	-0.9	-1.03	-1.02	1	1	0	600	600	0
12/9/2023 18:30	27502 WEIS_T2	0	0	0	0	0	0	-0.59	-0.61	0	0	0	0	0	0
12/9/2023 18:30	44901 SCOT_T2	0	0	0	0	0	0	-0.37	-0.38	0	0	0	0	0	0
12/9/2023 18:30	47001 HUGH_T2	0	0	0	0	0	0	-0.71	-0.76	0	0	0	0	0	0
12/9/2023 18:31	24902 WHHA_T1	0	0	0	0	0	0	0.64	0.61	0	0	0	0	0	0
12/9/2023 18:31	40701 FFLD_T1	16	25	9	0.18	0.23	0.05	0	0	0	0	0	0	0	0
12/9/2023 18:32	41801 GOCI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/9/2023 18:32	40505 CRES_T1	0	0	0	0	0	0	0.46	0.44	0	0	0	0	0	0
12/9/2023 18:32	16301 ALPA_T1	0	0	0	0	0	0	-0.43	-0.42	0	0	0	0	0	0
12/9/2023 18:32	46001 BERW_T1	0	0	0	0	0	0	0.64	0.64	0	0	0	0	0	0
12/9/2023 18:33	43304 WATS_T2	0	1	1	0	0	0	-0.46	-0.45	0	0	0	0	0	0
12/9/2023 18:33	43402 BENT_T1	2	2	0	0.85	0	-0.85	-0.9	-0.9	1	1	0	900	900	0
12/9/2023 18:33	16301 ALPA_T1	0	0	0	0	0	0	-0.43	-0.42	0	0	0	0	0	0
12/9/2023 18:33	43201 MVIL_T2	0	0	0	0	0	0	-1.31	-1.32	0	0	0	0	0	0
12/9/2023 18:33	42201 SHEN_T2	0	0	0	0	0	0	0.38	0.39	0	0	0	0	0	0
12/9/2023 18:34	29402 BELT_T1	1	1	0	7.2	7.2	0	0	0	0	0	0	0	0	0
12/9/2023 18:34	40602 PIGR_T1	0	0	0	0	0	0	0	0	1	1	0	600	600	0
12/9/2023 18:34	16302 ALPA_T2	0	0	0	0	0	0	0.52	0.49	0	0	0	0	0	0
12/9/2023 18:34	39601 LNFD_T1	0	0	0	0	0	0	0	0	1	1	0	900	900	0
12/9/2023 18:34	43304 WATS_T2	0	1	1	0	0	0	-0.46	-0.45	0	0	0	0	0	0
12/9/2023 18:34	43304 WATS_T2	0	1	1	0	0	0	-0.46	-0.45	0	0	0	0	0	0
12/9/2023 18:34	14403 SSLA_T1	0	0	0	0	0	0	0.76	0.74	0	0	0	0	0	0
12/9/2023 18:35	40101 HUNT_T2	0	0	0	0	0	0	-0.67	-0.68	0	0	0	0	0	0
12/9/2023 18:35	45702 LIND_T2	0	0	0	0	0	0	-0.49	-0.46	0	0	0	0	0	0
12/9/2023 18:35	41801 GOCI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/9/2023 18:35	45501 DERR_T2	0	0	0	0	0	0	-0.8	-0.81	2	2	0	1800	1800	0
12/9/2023 18:35	43301 WATS_T2	0	0	0	0	0	0	-1.45	-1.48	2	2	0	1800	1800	0
12/9/2023 18:35	43301 WATS_T2	0	0	0	0	0	0	-1.45	-1.48	2	2	0	1800	1800	0
12/9/2023 18:35	40602 PIGR_T1	0	0	0	0	0	0	0	0	2	2	0	1200	1200	0
12/9/2023 18:35	43001 ALWD_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/9/2023 18:35	41601 CLEV_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/9/2023 18:36	40101 HUNT_T2	0	0	0	0	0	0	-0.67	-0.68	0	0	0	0	0	0
12/9/2023 18:36	43402 BENT_T1	2	2	0	0.85	0	-0.85	-0.9	-0.9	1	1	0	900	900	0
12/9/2023 18:36	29402 BELT_T1	1	1	0	7.2	7.2	0	0	0	0	0	0	0	0	0
12/9/2023 18:36	42801 SELI_T1	2	2	0	8.5	0	-8.5	0	0	0	0	0	0	0	0
12/9/2023 18:38	40101 HUNT_T2	0	0	0	0	0	0	-0.68	-0.65	0	0	0	0	0	0
12/9/2023 18:38	43304 WATS_T2	0	1	1	0	0	0	-0.45	-0.47	0	0	0	0	0	0
12/9/2023 18:39	43304 WATS_T2	0	1	1	0	0	0	0	0	0	0	0	0	0	0
12/9/2023 18:39	43001 ALWD_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/9/2023 18:39	46004 BERW_T2	1	0	-1	0.5	0	-0.5	-0.78	-0.82	0	0	0	0	0	0
12/9/2023 18:39	41601 CLEV_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/9/2023 18:40	40502 CRES_T2	6	10	4	0.1	0.23	0.13	-0.28	-0.28	0	0	0	0	0	0
12/9/2023 18:40	42801 SELI_T1	2	2	0	8.5	0	-8.5	0	0	0	0	0	0	0	0
12/9/2023 18:40	29402 BELT_T1	1	1	0	7.2	7.2	0	0	0	0	0	0	0	0	0
12/9/2023 18:40	12701 MACU_T1	0	0	0	0	0	0	0.2	0.19	0	0	0	0	0	0
12/9/2023 18:40	41901 REED_T1	10	10	0	0.3	0.39	0.09	0	0	0	0	0	0	0	0
12/9/2023 18:40	43304 WATS_T2	0	1	1	0	0	0	-0.9	-0.94	0	0	0	0	0	0
12/9/2023 18:40	43301 WATS_T2	0	0	0	0	0	0	-0.74	-0.75	1	1	0	900	900	0
12/9/2023 18:40	40101 HUNT_T2	0	0	0	0	0	0	-0.68	-0.65	0	0	0	0	0	0
12/9/2023 18:40	40505 CRES_T1	0	0	0	0	0	0	0.88	0.9	0	0	0	0	0	0
12/9/2023 18:40	45402 WILO_T2	0	1	1	0	0.1	0.1	-0.74	-0.77	0	0	0	0	0	0
12/9/2023 18:40	41601 CLEV_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/9/2023 18:40	40602 PIGR_T1	0	0	0	0	0	0	0	0	1	1	0	600	600	0
12/9/2023 18:41	40502 CRES_T2	6	10	4	0.1	0.23	0.13	-0.56	-0.56	0	0	0	0	0	0
12/9/2023 18:41	64201 KINZ_T1	299	285	-14	0.75	0.66	-0.09	-0.81	-0.52	3	2	-1	1500	1200	-300
12/9/2023 18:41	52401 GRPA_T2	0	4	4	0	0	0	0	0	0	0	0	0	0	0
12/9/2023 18:41	40505 CRES_T1	0	0	0	0	0	0	0.44	0.45	0	0	0	0	0	0
12/9/2023 18:41	10801 CHHI_T1	0	0	0	0	0	0	-1.55	-1.55	2	2	0	1500	1500	0
12/9/2023 18:41	45402 WILO_T2	0	1	1	0	0.1	0.1	-0.74	-0.77	0	0	0	0	0	0
12/9/2023 18:42	49803 UNIV_T1	0	0	0	0	0	0	-1.14	-1.11	0	0	0	0	0	0
12/9/2023 18:42	40502 CRES_T2	6	10	4	0.1	0.23	0.13	-0.28	-0.28	0	0	0	0	0	0
12/9/2023 18:42	59101 WALK_T2	1	1	0	0	0	0	1.18	1.17	1	1	0	450	450	0
12/9/2023 18:42	45501 DERR_T2	0	0	0	0	0	0	-0.81	-0.64	2	2	0	1800	1800	0
12/9/2023 18:43	42801 SELI_T1	2	2	0	8.5	0	-8.5	0	0	0	0	0	0	0	0
12/9/2023 18:43	60201 ATGL_T2	0	0	0	0	0	0	0.06	0.13	0	0	0	0	0	0
12/9/2023 18:43	40502 CRES_T2	6	10	4	0.1	0.23	0.13	-0.28	-0.28	0	0	0	0	0	0
12/9/2023 18:43	59101 WALK_T2	1	1	0	0	0	0	1.18	1.17	1	1	0	450	450	0
12/9/2023 18:43	52402 GRPA_T2	1	1	0	1.4	1.7	0.3	0	0	0	0	0	0	0	0
12/9/2023 18:43	16402 MOPO_T1	0	0	0	0	0	0	-0.14	-0.14	0	0	0	0	0	0
12/9/2023 18:43	55002 NEWP_T1	0	1	1	0	0.1	0.1	-0.24	-0.21	0	0	0	0	0	0
12/9/2023 18:43	56801 BENV_T1	4	3	-1	0.38	0.23	-0.15	-0.65	-0.63	1	1	0	600	600	0
12/9/2023 18:44	16302 ALPA_T2	0	0	0	0	0	0	0.49	0.53	0	0	0	0	0	0
12/9/2023 18:44	16101 BING_T2	6	7	1	0.22	0.1	-0.12	0.47	0.47	0	0	0	0	0	0
12/9/2023 18:44	57401 SPAN_T1	0	0	0	0	0	0	-1.49	-1.45	1	1	0	600	600	0
12/9/2023 18:44	48302 ORWI_T2	3	3	0	1	0.83	-0.17	-0.68	-0.7	0	0	0	0	0	0
12/9/2023 18:44	40101 HUNT_T2	0	0	0	0	0	0	-0.68	-0.65	0	0	0	0	0	0
12/9/2023 18:44	41902 REED_T1	4	1	-3	0.33	0.2	-0.13	0.91	0.81	0	0	0	0	0	0
12/9/2023 18:45	55002 NEWP_T1	1	0	-1	0.1	0	-0.1	-0.24	-0.21	0	0	0	0	0	0
12/9/2023 18:45	52401 GRPA_T2	0	5	5	0	0.45	0.45	-0.58	-0.59	0	0	0	0	0	0
12/9/2023 18:45	16101 BING_T2	5	4	-1	0.16	0.1	-0.06	0.47	0.47	0	0	0	0	0	0
12/9/2023 18:45	52401 GRPA_T2	0	5	5	0	0.45	0.45	-0.58	-0.59	0	0	0	0	0	0
12/9/2023 18:45	64204 KINZ_T1	1	1	0	0.2	1	0.8	0	0	0	0	0	0	0	0
12/9/2023 18:45	12701 MACU_T1	0	0	0	0	0	0	0.1	0.1	0	0	0	0	0	0
12/9/2023 18:45	56802 BENV_T2	0	0	0	0	0	0	-2.81	-2.77	0	0	0	0	0	0
12/9/2023 18:45	41801 GOCI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/9/2023 18:45	42801 SELI_T1	2	2	0	10	0	-10	0	0	0	0	0	0	0	0
12/9/2023 18:45	59101 WALK_T2	1	1	0	0	0	0	1.18	1.17	1	1	0	450	450	0
12/9/2023 18:46	56802 BENV_T2	0	0	0	0	0	0	-1.4	-1.39	0	0	0	0	0	0
12/9/2023 18:46	40201 BEGA_T2	1	1	0	0.4	0.4	0	0	0	0	0	0	0	0	0
12/9/2023 18:46	64201 KINZ_T1	214	287	73	0.74	0.51	-0.23	-0.81	-0.52	3	2	-1	1500	1200	-300
12/9/2023 18:46	60201 ATGL_T2	0	0	0	0	0	0	0.12	0.25	0	0	0	0	0	0
12/9/2023 18:46	55002 NEWP_T1	1	0	-1	0.1	0	-0.1	-0.24	-0.21	0	0	0	0	0	0
12/9/2023 18:46	59101 WALK_T2	1	1	0	0	0	0	1.18	1.17	1	1	0	450	450	0
12/9/2023 18:46	64203 KINZ_T1	0	0	0	0	0	0	-0.07	-0.1	0	0	0	0	0	0
12/9/2023 18:47	56802 BENV_T2	0	0	0	0	0	0	-2.81	-2.77	0	0	0	0	0	0
12/9/2023 18:47	59101 WALK_T2	1	1	0	0	0	0	1.18	1.17	1	1	0	450	450	0
12/9/2023 18:47	57401 SPAN_T1	0	0	0	0	0	0	-1.49	-1.45	1	1	0	600	600	0
12/9/2023 18:49	67103 SPRI_T1	0	0	0	0	0	0	-0.21	-0.18	0	0	0	0	0	0
12/9/2023 18:49	57403 SPAN_T1	0	0	0	0	0	0	0.12	0.1	0	0	0	0	0	0
12/9/2023 18:50	67502 WEWI_T2	0	0	0	0	0	0	-1.42	-1.43	1	0	-1	900	0	-900
12/9/2023 18:50	60803 BUCK_T1	0	0	0	0	0	0	-1.53	-1.57	1	1	0	600	600	0
12/9/2023 18:50	56501 ROCK_T2	2	2	0	0.6	1.15	0.55	-1.47	-1.47	0	0	0	0	0	0
12/9/2023 18:50	52501 PROG_T1	0	0	0	0	0	0	0	0.03	1	1	0	300	300	0
12/9/2023 18:50	61303 EARL_T1	0	0	0	0	0	0	0.05	0.06	0	0	0	0	0	0
12/9/2023 18:50	67502 WEWI_T2	0	0	0	0	0	0	-1.42	-1.43	1	0	-1	900	0	-900
12/9/2023 18:50	67204 TEHI_T2	0	0	0	0	0	0	-0.26	-0.25	0	0	0	0	0	0
12/9/2023 18:50	55002 NEWP_T1	1	0	-1	0.1	0	-0.1	-0.24	-0.21	0	0	0	0	0	0
12/9/2023 18:50	14403 SSLA_T1	0	0	0	0	0	0	0.74	0.75	0	0	0	0	0	0
12/9/2023 18:50	63501 HEID_TBK1-2	0	0	0	0	0	0	-0.5	-0.52	1	1	0	900	900	0
12/9/2023 18:51	67502 WEWI_T2	0	0	0	0	0	0	-1.42	-1.43	1	0	-1	900	0	-900
12/9/2023 18:51	63501 HEID_TBK1-2	0	0	0	0	0	0	-1.01	-1.03	2	2	0	1800	1800	0
12/9/2023 18:51	57403 SPAN_T1	0	0	0	0	0	0	0.12	0.1	0	0	0	0	0	0
12/9/2023 18:51	64101 REFR_T1	0	0	0	0	0	0	-0.05	-0.07	0	0	0	0	0	0
12/9/2023 18:51	52403 GRPA_T2	3	7	4	1.23	0.5	-0.73	0.12	0.11	0	0	0	0	0	0
12/9/2023 18:51	67204 TEHI_T2	0	0	0	0	0	0	-0.26	-0.25	0	0	0	0	0	0
12/9/2023 18:51	65001 NEFF_T2	0	0	0	0	0	0	-1.3	-1.29	1	1	0	1200	1200	0
12/9/2023 18:51	57403 SPAN_T1	0	0	0	0	0	0	0.12	0.1	0	0	0	0	0	0
12/9/2023 18:51	63401 HONY_T1	0	0	0	0	0	0	-0.08	-0.03	0	0	0	0	0	0
12/9/2023 18:51	56501 ROCK_T2	2	2	0	0.6	1.15	0.55	-1.47	-1.47	0	0	0	0	0	0
12/9/2023 18:52	56801 BENV_T1	2	4	2	0.3	0.38	0.08	-0.65	-0.63	1	1	0	600	600	0
12/9/2023 18:52	60502 NMAN_T2	0	0	0	0	0	0	-0.4	-0.39	0	0	0	0	0	0
12/9/2023 18:52	44301 BEAV_T2	0	1	1	0	0	0	-1.02	-1.04	1	1	0	600	600	0
12/9/2023 18:52	66505 SMAN_T2	3	3	0	0.47	0.77	0.3	0	0	0	0	0	0	0	0
12/9/2023 18:52	64101 REFR_T1	0	0	0	0	0	0	-0.05	-0.07	0	0	0	0	0	0
12/9/2023 18:53	58402 MORO_T1	1	1	0	0.1	0	-0.1	-0.3	-0.33	2	2	0	1500	1500	0
12/9/2023 18:53	52404 GRPA_T2	0	0	-1	0.4	0	-0.4	0	0	0	0	0	0	0	0
12/9/2023 18:53	63203 MGTN_T1	0	1	1	0	0	0	-0.3	-0.28	1	1	0	600	600	0
12/9/2023 18:53	67401 WAKE_T2	0	0	0	0	0	0	-0.94	-0.94	0	0	0	0	0	0
12/9/2023 18:53	67501 WEWI_T1	0	0	0	0	0	0	-1.2	-1.24	1	1	0	600	600	0
12/9/2023 18:54	64101 REFR_T1	0	0	0	0	0	0	-0.07	-0.07	0	0	0	0	0	0
12/9/2023 18:55	67502 WEWI_T2	0	0	0	0	0	0	-1.43	-1.47	1	0	-1	900	0	-900
12/9/2023 18:55	67605 WARW_T1	0	0	0	0	0	0	-1.14	-1.15	0	0	0	0	0	0
12/9/2023 18:55	66505 SMAN_T2	3	3	0	0.47	0.77	0.3	-0.58	-0.44	2	2	0	1100	1100	0
12/9/2023 18:55	64101 REFR_T1	0	0	0	0	0	0	-0.07	-0.07	0	0	0	0	0	0
12/9/2023 18:55	67501 WEWI_T1	0	0	0	0	0	0	-1.24	-1.27	1	1	0	600	600	0
12/9/2023 18:55	51402 LYKE_T1	0	0	0	0	0	0	-1.54	-1.54	2	2	0	1200	1200	0
12/9/2023 18:56	67502 WEWI_T2	0	0	0	0	0	0	-1.43	-1.47	1	0	-1	900	0	-900
12/9/2023 18:56	67502 WEWI_T2	0	0	0	0	0	0	-1.43	-1.47	1	0	-1	900	0	-900
12/9/2023 18:56	64801 MONE_T2	0	0	0	0	0	0	0.34	0.34	0	0	0	0	0	0
12/9/2023 18:56	57403 SPAN_T1	0	0	0	0	0	0	0.1	0.1	0	0	0	0	0	0
12/9/2023 18:56	67605 WARW_T1	0	0	0	0	0	0	-1.14	-1.15	0	0	0	0	0	0
12/9/2023 18:57	64101 REFR_T1	0	0	0	0	0	0	-0.07	-0.07	0	0	0	0	0	0
12/9/2023 18:57	65902 SAKR_T2	0	0	0	0	0	0	-0.55	-0.59	1	1	0	300	300	0
12/9/2023 18:57	67605 WARW_T1	0	0	0	0	0	0	-1.14	-1.15	0	0	0	0	0	0
12/9/2023 18:58	67503 WEWI_T2	0	0	0	0	0	0	-0.23	-0.25	0	0	0	0	0	0
12/9/2023 18:58	67605 WARW_T1	0	0	0	0	0	0	-1.14	-1.15	0	0	0	0	0	0
12/9/2023 18:58	57401 SPAN_T1	0	0	0	0	0	0	-1.45	-1.4	1	1	0	600	600	0
12/9/2023 18:58	64101 REFR_T1	0	0	0	0	0	0	-0.07	-0.07	0	0	0	0	0	0
12/9/2023 18:59	67605 WARW_T1	0	0	0	0	0	0	-1.14	-1.15	0	0	0	0	0	0
12/9/2023 18:59	57401 SPAN_T1	0	0	0	0	0	0	-1.45	-1.4	1	1	0	600	600	0
12/9/2023 19:00	67605 WARW_T1	0	0	0	0	0	0	-1.14	-1.15	0	0	0	0	0	0
12/9/2023 19:01	65003 NEFF_T2	0	4	4	0	0.13	0.13	0	0	0	0	0	0	0	0
12/9/2023 19:01	67605 WARW_T1	0	0	0	0	0	0	-1.14	-1.15	0	0	0	0	0	0
12/9/2023 19:02	67605 WARW_T1	0	0	0	0	0	0	-1.14	-1.15	0	0	0	0	0	0
12/9/2023 19:03	67605 WARW_T1	0	0	0	0	0	0	-1.14	-1.15	0	0	0	0	0	0
12/9/2023 19:04	67605 WARW_T1	0	0	0	0	0	0	-1.14	-1.15	0	0	0	0	0	0
12/9/2023 19:05	67605 WARW_T1	0	0	0	0	0	0	-1.14	-1.15	0	0	0	0	0	0
12/9/2023 19:06	67605 WARW_T1	0	0	0	0	0	0	-1.14	-1.15	0	0	0	0	0	0
12/9/2023 19:07	67605 WARW_T1	0	0	0	0	0	0	-1.14	-1.15	0	0	0	0	0	0
12/9/2023 19:08	67605 WARW_T1	0	0	0	0	0	0	-1.15	-1.15	0	0	0	0	0	0
12/9/2023 19:09	67605 WARW_T1	0	0	0	0	0	0	-1.15	-1.18	0	0	0	0	0	0
12/9/2023 19:10	67605 WARW_T1	0	0	0	0	0	0	-1.15	-1.18	0	0	0	0	0	0
12/9/2023 19:11	67605 WARW_T1	0	0	0	0	0	0	-1.15	-1.18	0	0	0	0	0	0
12/9/2023 19:12	67605 WARW_T1	0	0	0	0	0	0	-1.15	-1.18	0	0	0	0	0	0
12/9/2023 19:13	67605 WARW_T1	0	0	0	0	0	0	-1.15	-1.18	0	0	0	0	0	0
12/9/2023 19:14	67605 WARW_T1	0	0	0	0	0	0	-1.15	-1.18	0	0	0	0	0	0
12/9/2023 19:22	52403 GRPA_T2	1	8	7	0.5	0.6	0.1	0.07	0.07	0	0	0	0	0	0
12/9/2023 19:29	67605 WARW_T1	0	0	0	0	0	0	-1.18	-1.15	0	0	0	0	0	0
12/9/2023 19:30	67605 WARW_T1	0	0	0	0	0	0	-1.18	-1.15	0	0	0	0	0	0
12/9/2023 19:31	67605 WARW_T1	0	0	0	0	0	0	-1.18	-1.15	0	0	0	0	0	0
12/9/2023 19:32	67605 WARW_T1	0	0	0	0	0	0	-1.18	-1.15	0	0	0	0	0	0
12/9/2023 19:33	67605 WARW_T1	0	0	0	0	0	0	-1.18	-1.15	0	0	0	0	0	0
12/9/2023 19:35	67605 WARW_T1	0	0	0	0	0	0	-1.18	-1.15	0	0	0	0	0	0

12/9/2023 20:30	67605 WARW_T1	0	0	0	0	0	0	-1.11	-1.14	0	0	0	0	0	0
12/9/2023 20:31	67605 WARW_T1	0	0	0	0	0	0	-1.11	-1.14	0	0	0	0	0	0
12/9/2023 20:32	67605 WARW_T1	0	0	0	0	0	0	-1.11	-1.14	0	0	0	0	0	0
12/9/2023 20:33	67605 WARW_T1	0	0	0	0	0	0	-1.11	-1.14	0	0	0	0	0	0
12/9/2023 20:35	65001 NEFF_T2	34	37	3	0.13	0.14	0.01	-1.38	-1.39	1	1	0	1200	1200	0
12/9/2023 20:35	67605 WARW_T1	0	0	0	0	0	0	-1.11	-1.14	0	0	0	0	0	0
12/9/2023 20:36	67605 WARW_T1	0	0	0	0	0	0	-1.11	-1.14	0	0	0	0	0	0
12/9/2023 20:37	67605 WARW_T1	0	0	0	0	0	0	-1.11	-1.14	0	0	0	0	0	0
12/9/2023 20:38	67605 WARW_T1	0	0	0	0	0	0	-1.11	-1.14	0	0	0	0	0	0
12/9/2023 20:39	67605 WARW_T1	0	0	0	0	0	0	-1.14	-1.16	0	0	0	0	0	0
12/9/2023 20:40	67605 WARW_T1	0	0	0	0	0	0	-1.14	-1.16	0	0	0	0	0	0
12/9/2023 20:41	67605 WARW_T1	0	0	0	0	0	0	-1.14	-1.16	0	0	0	0	0	0
12/9/2023 20:42	67605 WARW_T1	0	0	0	0	0	0	-1.14	-1.16	0	0	0	0	0	0
12/9/2023 20:43	67605 WARW_T1	0	0	0	0	0	0	-1.14	-1.16	0	0	0	0	0	0
12/9/2023 20:44	67605 WARW_T1	0	0	0	0	0	0	-1.14	-1.16	0	0	0	0	0	0
12/9/2023 20:45	67605 WARW_T1	0	2	2	0	0.15	0.15	-1.14	-1.16	0	0	0	0	0	0
12/9/2023 20:46	67605 WARW_T1	0	2	2	0	0.15	0.15	-1.14	-1.16	0	0	0	0	0	0
12/9/2023 20:47	67605 WARW_T1	0	2	2	0	0.15	0.15	-1.14	-1.16	0	0	0	0	0	0
12/9/2023 20:48	67605 WARW_T1	0	2	2	0	0.15	0.15	-1.14	-1.16	0	0	0	0	0	0
12/9/2023 20:49	67605 WARW_T1	0	2	2	0	0.15	0.15	-1.14	-1.16	0	0	0	0	0	0
12/9/2023 20:50	67605 WARW_T1	0	2	2	0	0.15	0.15	-1.14	-1.16	0	0	0	0	0	0
12/9/2023 20:51	67605 WARW_T1	0	2	2	0	0.15	0.15	-1.14	-1.16	0	0	0	0	0	0
12/9/2023 20:52	67605 WARW_T1	0	2	2	0	0.15	0.15	-1.14	-1.16	0	0	0	0	0	0
12/9/2023 20:53	67605 WARW_T1	0	2	2	0	0.15	0.15	-1.16	-1.15	0	0	0	0	0	0
12/9/2023 20:55	67605 WARW_T1	0	2	2	0	0.15	0.15	-1.16	-1.15	0	0	0	0	0	0
12/9/2023 20:56	67605 WARW_T1	0	2	2	0	0.15	0.15	-1.16	-1.15	0	0	0	0	0	0
12/9/2023 20:57	67605 WARW_T1	0	2	2	0	0.15	0.15	-1.16	-1.15	0	0	0	0	0	0
12/9/2023 20:58	67605 WARW_T1	0	2	2	0	0.15	0.15	-1.16	-1.15	0	0	0	0	0	0
12/9/2023 20:59	67605 WARW_T1	0	2	2	0	0.15	0.15	-1.16	-1.15	0	0	0	0	0	0
12/9/2023 21:00	67605 WARW_T1	0	2	2	0	0.15	0.15	-1.16	-1.15	0	0	0	0	0	0
12/9/2023 21:01	67605 WARW_T1	0	2	2	0	0.15	0.15	-1.16	-1.15	0	0	0	0	0	0
12/9/2023 21:02	67605 WARW_T1	0	2	2	0	0.15	0.15	-1.16	-1.15	0	0	0	0	0	0
12/9/2023 21:03	67605 WARW_T1	0	2	2	0	0.15	0.15	-1.16	-1.15	0	0	0	0	0	0
12/9/2023 21:04	67605 WARW_T1	0	2	2	0	0.15	0.15	-1.16	-1.15	0	0	0	0	0	0
12/9/2023 21:05	67605 WARW_T1	0	2	2	0	0.15	0.15	-1.16	-1.15	0	0	0	0	0	0
12/9/2023 21:06	67605 WARW_T1	0	2	2	0	0.15	0.15	-1.16	-1.15	0	0	0	0	0	0
12/9/2023 21:07	67605 WARW_T1	0	2	2	0	0.15	0.15	-1.16	-1.15	0	0	0	0	0	0
12/9/2023 21:08	67605 WARW_T1	0	2	2	0	0.15	0.15	-1.15	-1.15	0	0	0	0	0	0
12/9/2023 21:09	67605 WARW_T1	0	2	2	0	0.15	0.15	-1.15	-1.22	0	0	0	0	0	0
12/9/2023 21:10	67605 WARW_T1	0	2	2	0	0.15	0.15	-1.15	-1.22	0	0	0	0	0	0
12/9/2023 21:11	67605 WARW_T1	0	2	2	0	0.15	0.15	-1.15	-1.22	0	0	0	0	0	0
12/9/2023 21:12	67605 WARW_T1	0	2	2	0	0.15	0.15	-1.15	-1.22	0	0	0	0	0	0
12/9/2023 21:13	67605 WARW_T1	0	2	2	0	0.15	0.15	-1.15	-1.22	0	0	0	0	0	0
12/9/2023 21:14	67605 WARW_T1	0	2	2	0	0.15	0.15	-1.15	-1.22	0	0	0	0	0	0
12/9/2023 21:29	67605 WARW_T1	2	0	-2	0.15	0	-0.15	-1.22	-1.17	0	0	0	0	0	0
12/9/2023 21:30	67605 WARW_T1	0	0	0	0	0	0	-1.22	-1.17	0	0	0	0	0	0
12/9/2023 21:31	67605 WARW_T1	0	0	0	0	0	0	-1.22	-1.17	0	0	0	0	0	0
12/9/2023 21:32	67605 WARW_T1	0	0	0	0	0	0	-1.22	-1.17	0	0	0	0	0	0
12/9/2023 21:33	67605 WARW_T1	0	0	0	0	0	0	-1.22	-1.17	0	0	0	0	0	0
12/9/2023 21:35	67605 WARW_T1	0	0	0	0	0	0	-1.22	-1.17	0	0	0	0	0	0
12/9/2023 21:36	67605 WARW_T1	0	0	0	0	0	0	-1.22	-1.17	0	0	0	0	0	0
12/9/2023 21:37	67605 WARW_T1	0	0	0	0	0	0	-1.22	-1.17	0	0	0	0	0	0
12/9/2023 21:38	67605 WARW_T1	0	0	0	0	0	0	-1.17	-1.17	0	0	0	0	0	0
12/9/2023 21:38	65001 NEFF_T2	214	193	-21	0.23	0.2	-0.03	-1.38	-1.39	1	1	0	1200	1200	0
12/9/2023 21:39	67605 WARW_T1	0	0	0	0	0	0	-1.17	-1.16	0	0	0	0	0	0
12/9/2023 21:40	67605 WARW_T1	0	0	0	0	0	0	-1.17	-1.16	0	0	0	0	0	0
12/9/2023 21:41	67605 WARW_T1	0	0	0	0	0	0	-1.17	-1.16	0	0	0	0	0	0
12/9/2023 21:42	67605 WARW_T1	0	0	0	0	0	0	-1.17	-1.16	0	0	0	0	0	0
12/9/2023 21:43	67605 WARW_T1	0	0	0	0	0	0	-1.17	-1.16	0	0	0	0	0	0
12/9/2023 21:44	67605 WARW_T1	0	0	0	0	0	0	-1.17	-1.16	0	0	0	0	0	0
12/9/2023 21:45	67605 WARW_T1	0	0	0	0	0	0	-1.17	-1.16	0	0	0	0	0	0
12/9/2023 21:46	67605 WARW_T1	0	0	0	0	0	0	-1.17	-1.16	0	0	0	0	0	0
12/9/2023 21:47	67605 WARW_T1	0	0	0	0	0	0	-1.17	-1.16	0	0	0	0	0	0
12/9/2023 21:48	67605 WARW_T1	0	0	0	0	0	0	-1.17	-1.16	0	0	0	0	0	0
12/9/2023 21:49	67605 WARW_T1	0	0	0	0	0	0	-1.17	-1.16	0	0	0	0	0	0
12/9/2023 21:50	67605 WARW_T1	0	0	0	0	0	0	-1.17	-1.16	0	0	0	0	0	0
12/9/2023 21:51	67605 WARW_T1	0	0	0	0	0	0	-1.17	-1.16	0	0	0	0	0	0
12/9/2023 21:52	67605 WARW_T1	0	0	0	0	0	0	-1.17	-1.16	0	0	0	0	0	0
12/9/2023 21:53	67605 WARW_T1	0	0	0	0	0	0	-1.17	-1.23	0	0	0	0	0	0
12/9/2023 21:54	67605 WARW_T1	0	0	0	0	0	0	-1.16	-1.23	0	0	0	0	0	0
12/9/2023 22:26	65001 NEFF_T2	225	36	-189	0.25	0.13	-0.12	-1.4	-1.42	1	1	0	1200	1200	0
12/9/2023 22:41	65001 NEFF_T2	36	0	-36	0.13	0	-0.13	-1.42	-1.41	1	1	0	1200	1200	0
12/9/2023 23:34	65001 NEFF_T2	61	175	114	0.14	0.15	0.01	-1.47	-1.45	1	1	0	1200	1200	0
12/10/2023 0:06	65003 NEFF_T2	0	3	3	0	0.17	0.17	0	0	0	0	0	0	0	0
12/10/2023 0:28	15103 UPHA_T2	0	0	0	0	0	0	0.3	0.3	0	0	0	0	0	0
12/10/2023 0:28	12704 MACU_T1	0	1	1	0	0	0	0	0	0	0	0	0	0	0
12/10/2023 0:28	44601 SALE_T2	0	0	0	0	0	0	-0.13	-0.16	0	0	0	0	0	0
12/10/2023 0:28	16302 ALPA_T2	0	0	0	0	0	0	0.92	0.88	0	0	0	0	0	0
12/10/2023 1:03	65001 NEFF_T2	231	243	12	0.33	0.46	0.13	-1.5	-1.46	1	1	0	1200	1200	0
12/10/2023 1:40	65003 NEFF_T2	4	4	0	0.15	0.23	0.08	0	0	0	0	0	0	0	0
12/10/2023 1:50	65001 NEFF_T2	238	247	9	0.39	0.52	0.13	-1.52	-1.49	1	1	0	1200	1200	0
12/10/2023 2:58	65001 NEFF_T2	225	225	0	0.25	0.23	-0.02	-1.51	-1.54	1	1	0	1200	1200	0
12/10/2023 3:46	65001 NEFF_T2	0	0	0	0	0	0	-1.58	-1.51	1	1	0	1200	1200	0
12/10/2023 5:01	65001 NEFF_T2	0	0	0	0	0	0	-1.53	-1.53	1	1	0	1200	1200	0
12/10/2023 5:27	65001 NEFF_T2	0	0	0	0	0	0	-1.53	-1.5	1	1	0	1200	1200	0
12/10/2023 5:58	65001 NEFF_T2	0	0	0	0	0	0	-1.48	-1.46	1	1	0	1200	1200	0
12/10/2023 6:56	65001 NEFF_T2	0	0	0	0	0	0	-1.39	-1.41	1	1	0	1200	1200	0
12/10/2023 7:43	65001 NEFF_T2	0	0	0	0	0	0	-1.45	-1.41	1	1	0	1200	1200	0
12/10/2023 8:03	64101 REFR_T1	0	0	0	0	0	0	0.04	0	0	0	0	0	0	0
12/10/2023 8:04	64101 REFR_T1	0	0	0	0	0	0	0.07	-0.01	0	0	0	0	0	0
12/10/2023 8:04	65001 NEFF_T2	0	0	0	0	0	0	-1.41	-1.41	1	1	0	1200	1200	0
12/10/2023 8:05	64101 REFR_T1	0	0	0	0	0	0	0.04	0	0	0	0	0	0	0
12/10/2023 8:07	64101 REFR_T1	0	0	0	0	0	0	0.04	0	0	0	0	0	0	0
12/10/2023 8:08	43402 BENT_T1	0	0	0	0	0	0	-0.93	-0.93	1	1	0	900	900	0
12/10/2023 8:09	43402 BENT_T1	0	0	0	0	0	0	-0.93	-0.92	1	1	0	900	900	0
12/10/2023 8:10	43402 BENT_T1	0	0	0	0	0	0	-1.86	-1.84	1	2	1	900	1800	900
12/10/2023 8:11	43402 BENT_T1	0	0	0	0	0	0	-0.93	-0.92	1	1	0	900	900	0
12/10/2023 8:12	43402 BENT_T1	0	0	0	0	0	0	-0.93	-0.92	1	1	0	900	900	0
12/10/2023 8:13	43402 BENT_T1	0	0	0	0	0	0	-0.93	-0.92	1	1	0	900	900	0
12/10/2023 8:14	43402 BENT_T1	0	0	0	0	0	0	-0.93	-0.92	1	1	0	900	900	0
12/10/2023 8:15	43402 BENT_T1	0	0	0	0	0	0	-0.93	-0.92	1	1	0	900	900	0
12/10/2023 8:16	43402 BENT_T1	0	0	0	0	0	0	-0.93	-0.92	1	1	0	900	900	0
12/10/2023 8:17	43402 BENT_T1	0	0	0	0	0	0	-0.93	-0.92	1	1	0	900	900	0
12/10/2023 8:18	43402 BENT_T1	0	0	0	0	0	0	-0.93	-0.92	1	1	0	900	900	0
12/10/2023 8:19	43402 BENT_T1	0	0	0	0	0	0	-0.93	-0.92	1	1	0	900	900	0
12/10/2023 8:20	43402 BENT_T1	0	0	0	0	0	0	-0.93	-0.92	1	1	0	900	900	0
12/10/2023 8:21	43402 BENT_T1	0	0	0	0	0	0	-0.93	-0.92	1	1	0	900	900	0
12/10/2023 8:22	43402 BENT_T1	0	0	0	0	0	0	-0.93	-0.92	1	1	0	900	900	0
12/10/2023 8:23	43402 BENT_T1	0	0	0	0	0	0	-0.92	-0.89	1	1	0	900	900	0
12/10/2023 8:24	43402 BENT_T1	0	0	0	0	0	0	-0.92	-0.89	1	1	0	900	900	0
12/10/2023 8:25	43402 BENT_T1	0	0	0	0	0	0	-0.92	-0.89	1	1	0	900	900	0
12/10/2023 8:26	43402 BENT_T1	0	0	0	0	0	0	-0.92	-0.89	1	1	0	900	900	0
12/10/2023 8:27	43402 BENT_T1	0	0	0	0	0	0	-0.92	-0.89	1	1	0	900	900	0
12/10/2023 8:29	43402 BENT_T1	0	0	0	0	0	0	-0.92	-0.89	1	1	0	900	900	0
12/10/2023 8:30	43402 BENT_T1	0	0	0	0	0	0	-0.92	-0.89	1	1	0	900	900	0
12/10/2023 8:31	43402 BENT_T1	0	0	0	0	0	0	-0.92	-0.89	1	1	0	900	900	0
12/10/2023 8:32	43401 BENT_T1	0	1	1	0	0	0	0	0	0	0	0	0	0	0
12/10/2023 8:33	43401 BENT_T1	0	1	1	0	0	0	0	0	0	0	0	0	0	0
12/10/2023 8:34	43401 BENT_T1	0	1	1	0	0	0	0	0	0	0	0	0	0	0
12/10/2023 8:34	67103 SPRI_T1	0	0	0	0	0	0	-0.19	-0.2	0	0	0	0	0	0
12/10/2023 8:35	43401 BENT_T1	0	1	1	0	0	0	0	0	0	0	0	0	0	0
12/10/2023 8:36	67103 SPRI_T1	0	0	0	0	0	0	-0.19	-0.2	0	0	0	0	0	0
12/10/2023 8:36	43401 BENT_T1	0	1	1	0	0	0	0	0	0	0	0	0	0	0
12/10/2023 8:37	43402 BENT_T1	0	0	0	0	0	0	-0.92	-0.89	1	1	0	900	900	0
12/10/2023 8:38	43402 BENT_T1	0	0	0	0	0	0	-0.89	-0.89	1	1	0	900	900	0
12/10/2023 8:39	43402 BENT_T1	0	0	0	0	0	0	-0.89	-0.89	1	1	0	900	900	0
12/10/2023 8:40	43401 BENT_T1	0	1	1	0	0	0	0	0	0	0	0	0	0	0
12/10/2023 8:41	43401 BENT_T1	0	1	1	0	0	0	0	0	0	0	0	0	0	0
12/10/2023 8:42	43402 BENT_T1	0	0	0	0	0	0	-0.89	-0.89	1	1	0	900	900	0
12/10/2023 8:43	43401 BENT_T1	0	1	1	0	0	0	0	0	0	0	0	0	0	0
12/10/2023 8:43	52402 GRPA_T2	1	1	0	3.5	3.9	0.4	0	0	0	0	0	0	0	0
12/10/2023 8:44	43401 BENT_T1	0	1	1	0	0	0	0	0	0	0	0	0	0	0
12/10/2023 8:45	43402 BENT_T1	0	0	0	0	0	0	-0.89	-0.89	1	1	0	900	900	0
12/10/2023 8:46	43402 BENT_T1	0	0	0	0	0	0	-0.89	-0.89	1	1	0	900	900	0
12/10/2023 8:48	43402 BENT_T1	0	0	0	0	0	0	-0.89	-0.89	1	1	0	900	900	0
12/10/2023 8:49	43401 BENT_T1	0	2	2	0	0.6	0.6	0	0	0	0	0	0	0	0
12/10/2023 8:50	43402 BENT_T1	0	0	0	0	0	0	-0.89	-0.89	1	1	0	900	900	0
12/10/2023 8:51	43401 BENT_T1	0	2	2	0	0.6	0.6	0	0	0	0	0	0	0	0
12/10/2023 8:52	43401 BENT_T1	0	2	2	0	0.6	0.6	0	0	0	0	0	0	0	0
12/10/2023 8:53	43402 BENT_T1	0	0	0	0	0	0	-0.89	-0.89	1	1	0	900	900	0
12/10/2023 8:53	45501 DERR_T2	0	2	2	0	0.35	0.35	-0.09	-0.04	1	1	0	600	600	0
12/10/2023 8:54	43402 BENT_T1	0	0	0	0	0	0	-0.89	-0.91	1	1	0	900	900	0
12/10/2023 8:54	45501 DERR_T2	0	2	2	0	0.35	0.35	-0.09	-0.04	1	1	0	600	600	0
12/10/2023 8:55	43402 BENT_T1	0	0	0	0	0	0	-0.89	-0.91	1	1	0	900	900	0
12/10/2023 8:56	43402 BENT_T1	0	0	0	0	0	0	-0.89	-0.91	1	1	0	900	900	0
12/10/2023 8:57	43401 BENT_T1	0	2	2	0	0.6	0.6	0	0	0	0	0	0	0	0
12/10/2023 8:57	46801 HEPB_T2	0	0	0	0	0	0	0.57	0.56	0	0	0	0	0	0
12/10/2023 8:58	43401 BENT_T1	0	2	2	0	0.6	0.6	0	0	0	0	0	0	0	0
12/10/2023 8:59	43402 BENT_T1	0	0	0	0	0	0	-0.89	-0.91	1	1	0	900	900	0
12/10/2023 9:00	56801 BENV_T1	2	254	252	0.6	0.26	-0.34	-0.65	-0.71	1	1	0	600	600	0
12/10/2023 9:00	53903 HAU_T2	2	2	0	0.2	0.1	-0.1	-0.13	-0.13	0	0	0	0	0	0
12/10/2023 9:00	47101 MARL_T1	0	0	0	0	0	0	-0.83	-0.88	0	0	0	0	0	0
12/10/2023 9:00	43402 BENT_T1	0	1	1	0	0	0	-0.89	-0.91	1	1	0	900	900	0
12/10/2023 9:00	67503 WEWI_T2	0	0	0	0	0	0	-0.38	-0.37	0	0	0	0	0	0
12/10/2023 9:00	23401 HONE_T2	0	0	0	0	0	0	-0.02	-0.02	0	0	0	0	0	0
12/10/2023 9:00	57401 SPAN_T1	0	0	0	0	0	0	-1	-1.05	1	1	0	600	600	0
12/10/2023 9:00	58402 MORO_T1	0	0	0	0	0	0	-0.45	-0.41	2	2	0	1500	1500	0
12/10/2023 9:01	40505 CRES_T1	0	0	0	0	0	0	0.37	0.4	0	0	0	0	0	0
12/10/2023 9:01	56802 BENV_T2	0	1	1	0	0.3	0.3	-1.44	-1.39	0	0	0	0	0	0
12/10/2023 9:06	58006 WCAR_T2	0	0	0	0	0	0	0.41	0.42	0	0	0	0	0	0
12/10/2023 9:06	46004 BERW_T2	0	0	0	0	0	0	-0.76	-0.8	0	0	0	0	0	0
12/10/2023 9:06	67601 WARW_T2	0	0	0	0	0	0	-2.33	-2.46	0	0	0	0	0	0
12/10/2023 9:07	67601 WARW_T2	0	0	0	0	0	0	-0.78	-0.82	0	0	0	0	0	0
12/10/2023 9:07	43401 BENT_T1	1	2	1	0.6	0.3	-0.3	0	0	0	0	0	0	0	0
12/10/2023 9:07	56802 BENV_T2	0	1	1	0	0.3	0.3	-1.44	-1.39	0	0	0	0	0	0
12/10/2023 9:08	43402 BENT_T1	0	1	1	0	0	0	-0.91	-0.92	1	1	0	900	900	0
12/10/2023 9:09	56802 BENV_T2	0	1	1	0	0.3	0.3	-1.39	-1.4	0	0	0	0	0	0
12/10/2023 9:09	67601 WARW_T2	0	0	0	0	0	0	-1.64	-1.56	0	0	0	0	0	0
12/10/2023 9:09	45501 DERR_T2	2	2	0	0.35	0	-0.35	-0.04	-0.07	1	1	0	600	600	0
12/10/2023 9:11	56802 BENV_T2	0	1	1	0	0.3	0.3	-1.39	-1.4	0	0	0	0	0	0
12/10/2023 9:12	63501 HEID_TBK1-2	38	38	0	0.59	0.63	0.04	-0.6	-0.58	1	1	0	900	900	0
12/10/2023 9:13	63501 HEID_TBK1-2	38	38	0	0.59	0.63	0.04	-0.6	-0.58	1	1	0	900	900	0
12/10/2023 9:16	52404 GRPA_T2	0	2	2	0	0	0	0	0	0	0	0	0	0	0
12/10/2023 9:16	63501 HEID_TBK1-2	38	37	-1	0.63	0.52	-0.11	-0.6	-0.58	1	1	0	900	900	0
12/10/2023 9:19	67103 SPRI_T1	0	0	0	0	0	0	-0.19	-0.21	0	0	0	0	0	0
12/10/2023 9:20	43304 WATS_T2	0	1	1	0	0	0	-0.84	-0.8	0	0	0	0	0	0
12/10/2023 9:21	49803 UNIV_T1	0	0	0	0	0	0	-1.16	-1.18	0	0	0	0	0	0
12/10/2023 9:21	67103 SPRI_T1	0	0	0	0	0	0	-0.19	-0.21	0	0	0	0	0	0
12/10/2023 9:21	43302 WATS_T2	1	1	0	0.1	0.1	0	0	0	0	0	0	0	0	0
12/10/2023 9:23	59101 WALK_T2	2	1	-1	0.1	0	-0.1	1.66

12/10/2023 10:07	43401 BENT_T1	1	0	-1	1.4	0	-1.4	0	0	0	0	0	0	0
12/10/2023 10:07	57401 SPAN_T1	0	0	0	0	0	0	-1.05	-1.07	1	1	0	600	600	0
12/10/2023 10:07	43304 WATS_T2	0	0	0	0	0	0	-0.85	-0.82	0	0	0	0	0	0
12/10/2023 10:08	43402 BENT_T1	2	2	0	0.2	0	-0.2	-0.9	-0.9	1	1	0	900	900	0
12/10/2023 10:09	43401 BENT_T1	1	0	-1	1.4	0	-1.4	0	0	0	0	0	0	0	0
12/10/2023 10:09	56803 BENV_T1	1	0	-1	0.1	0	-0.1	0	0	0	0	0	0	0	0
12/10/2023 10:10	43402 BENT_T1	2	2	0	0.2	0	-0.2	-0.91	-0.9	1	1	0	900	900	0
12/10/2023 10:10	56801 BENV_T1	2	21	19	0.65	0.36	-0.29	-0.59	-0.62	1	1	0	600	600	0
12/10/2023 10:11	56803 BENV_T1	1	0	-1	0.1	0	-0.1	0	0	0	0	0	0	0	0
12/10/2023 10:11	10801 CHHI_T1	0	0	0	0	0	0	-0.87	-0.92	1	1	0	900	900	0
12/10/2023 10:15	40901 JESH_T1	1	1	0	0.7	0.8	0.1	0	0	0	0	0	0	0	0
12/10/2023 10:15	12701 MACU_T1	0	1	1	0	0	0	0.07	0.05	0	0	0	0	0	0
12/10/2023 10:16	52402 GRPA_T2	3	3	0	1.23	1.5	0.27	0	0	0	0	0	0	0	0
12/10/2023 10:17	56803 BENV_T1	0	1	1	0	0	0	0	0	0	0	0	0	0	0
12/10/2023 10:17	65001 NEFF_T2	0	0	0	0	0	0	-1.3	-1.39	1	1	0	1200	1200	0
12/10/2023 10:17	12701 MACU_T1	0	1	1	0	0	0	0.07	0.05	0	0	0	0	0	0
12/10/2023 10:18	64101 REFR_T1	0	0	0	0	0	0	0.06	0.12	0	0	0	0	0	0
12/10/2023 10:19	48302 ORWI_T2	5	8	3	0.2	0.68	0.48	-0.07	-0.06	0	0	0	0	0	0
12/10/2023 10:20	64101 REFR_T1	0	0	0	0	0	0	0.06	0.24	0	0	0	0	0	0
12/10/2023 10:20	60501 NMAN_T2	3	3	0	4	4.13	0.13	0	0	0	0	0	0	0	0
12/10/2023 10:20	57401 SPAN_T1	0	0	0	0	0	0	-1.07	-1.09	1	1	0	600	600	0
12/10/2023 10:21	64101 REFR_T1	0	0	0	0	0	0	0.06	0.12	0	0	0	0	0	0
12/10/2023 10:21	65001 NEFF_T2	0	0	0	0	0	0	-1.3	-1.39	1	1	0	1200	1200	0
12/10/2023 10:21	43304 WATS_T2	0	0	0	0	0	0	-0.82	-0.84	0	0	0	0	0	0
12/10/2023 10:22	67502 WEWI_T2	0	0	0	0	0	0	-1.48	-1.5	1	1	0	900	900	0
12/10/2023 10:24	56501 ROCK_T2	0	2	2	0	0	0	-1.43	-1.47	0	0	0	0	0	0
12/10/2023 10:24	67502 WEWI_T2	0	0	0	0	0	0	-3	-2.92	2	2	0	1800	1800	0
12/10/2023 10:24	59201 THOM_T1	3	3	0	0.13	0.17	0.04	0	0	0	0	0	0	0	0
12/10/2023 10:26	63401 HONY_T1	0	0	0	0	0	0	-0.12	-0.09	0	0	0	0	0	0
12/10/2023 10:27	46801 HEPB_T2	0	0	0	0	0	0	0.59	0.6	0	0	0	0	0	0
12/10/2023 10:30	64201 KINZ_T1	242	286	44	0.28	0.37	0.09	0.13	0.04	2	2	0	600	600	0
12/10/2023 10:31	12701 MACU_T1	1	2	1	0.3	0	-0.3	0.1	0.1	0	0	0	0	0	0
12/10/2023 10:31	64204 KINZ_T1	0	1	1	0	0.9	0.9	0	0	0	0	0	0	0	0
12/10/2023 10:34	40602 PIGR_T1	0	1	1	0	0.1	0.1	0	0	1	1	0	600	600	0
12/10/2023 10:34	64101 REFR_T1	0	0	0	0	0	0	0.12	0.07	0	0	0	0	0	0
12/10/2023 10:35	16402 MOPO_T1	0	0	0	0	0	0	-0.18	-0.21	0	0	0	0	0	0
12/10/2023 10:35	64101 REFR_T1	0	0	0	0	0	0	0.12	0.07	0	0	0	0	0	0
12/10/2023 10:35	40602 PIGR_T1	0	1	1	0	0.1	0.1	0	0	1	1	0	600	600	0
12/10/2023 10:36	43001 ALWD_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/10/2023 10:36	64101 REFR_T1	0	0	0	0	0	0	0.24	0.14	0	0	0	0	0	0
12/10/2023 10:36	43304 WATS_T2	0	0	0	0	0	0	-0.84	-0.86	0	0	0	0	0	0
12/10/2023 10:36	16402 MOPO_T1	0	0	0	0	0	0	-0.18	-0.21	0	0	0	0	0	0
12/10/2023 10:37	65902 SAKR_T2	0	0	0	0	0	0	-0.7	-0.73	1	1	0	300	300	0
12/10/2023 10:37	64101 REFR_T1	0	0	0	0	0	0	0.12	0.07	0	0	0	0	0	0
12/10/2023 10:37	43301 WATS_T2	0	0	0	0	0	0	-0.73	-0.72	1	1	0	900	900	0
12/10/2023 10:38	43304 WATS_T2	0	0	0	0	0	0	-0.86	-0.79	0	0	0	0	0	0
12/10/2023 10:41	60201 ATGL_T2	0	0	0	0	0	0	0.03	0.02	0	0	0	0	0	0
12/10/2023 10:42	46801 HEPB_T2	0	0	0	0	0	0	1.19	1.21	0	0	0	0	0	0
12/10/2023 10:47	64101 REFR_T1	0	0	0	0	0	0	0.07	0.11	0	0	0	0	0	0
12/10/2023 10:47	65001 NEFF_T2	0	0	0	0	0	0	-1.37	-1.37	1	1	0	1200	1200	0
12/10/2023 10:47	55002 NEWP_T1	2	3	1	0.25	0.4	0.15	-0.4	-0.38	0	0	0	0	0	0
12/10/2023 10:47	40602 PIGR_T1	1	1	0	0.1	0.2	0.1	0	0	1	1	0	600	600	0
12/10/2023 10:48	55002 NEWP_T1	2	3	1	0.25	0.4	0.15	-0.2	-0.19	0	0	0	0	0	0
12/10/2023 10:49	44901 SCOT_T2	0	0	0	0	0	0	-0.62	-0.58	0	0	0	0	0	0
12/10/2023 10:50	55002 NEWP_T1	2	3	1	0.25	0.4	0.15	-0.2	-0.19	0	0	0	0	0	0
12/10/2023 10:50	49803 UNIV_T1	0	0	0	0	0	0	-1.07	-1.07	0	0	0	0	0	0
12/10/2023 10:51	59101 WALK_T2	1	1	0	0	0	0	0.21	-0.4	0	0	0	0	0	0
12/10/2023 10:51	64101 REFR_T1	0	0	0	0	0	0	0.07	0.11	0	0	0	0	0	0
12/10/2023 10:51	44901 SCOT_T2	0	0	0	0	0	0	-0.62	-0.58	0	0	0	0	0	0
12/10/2023 10:52	59101 WALK_T2	1	1	0	0	0	0	0.21	-0.4	0	0	0	0	0	0
12/10/2023 10:52	64101 REFR_T1	0	0	0	0	0	0	0.07	0.11	0	0	0	0	0	0
12/10/2023 10:53	67503 WEWI_T2	0	0	0	0	0	0	-0.36	-0.37	0	0	0	0	0	0
12/10/2023 10:53	29401 BELT_T1	0	0	0	0	0	0	0	0	1	1	0	900	900	0
12/10/2023 10:56	29401 BELT_T1	0	0	0	0	0	0	0	0	1	1	0	900	900	0
12/10/2023 10:56	43001 ALWD_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/10/2023 10:59	52403 GRPA_T2	3	3	0	0.43	0	-0.43	-0.01	0	0	0	0	0	0	0
12/10/2023 10:59	42902 MIDD_T2	0	1	1	0	0	0	-1.27	-1.25	1	1	0	600	600	0
12/10/2023 11:02	64204 KINZ_T1	1	1	0	0.9	0.8	-0.1	0	0	0	0	0	0	0	0
12/10/2023 11:03	64201 KINZ_T1	270	299	29	0.35	0.33	-0.02	0	0	0	0	0	0	0	0
12/10/2023 11:06	59101 WALK_T2	1	1	0	0	0	0	-0.4	-0.5	0	0	0	0	0	0
12/10/2023 11:07	59101 WALK_T2	1	1	0	0	0	0	-0.4	-0.5	0	0	0	0	0	0
12/10/2023 11:07	59102 WALK_T2	0	0	0	0	0	0	0.26	0.27	0	0	0	0	0	0
12/10/2023 11:07	66703 STRA_T1	0	0	0	0	0	0	-0.28	-0.24	0	0	0	0	0	0
12/10/2023 11:07	46004 BERW_T2	1	2	1	0.2	0	-0.2	-0.75	-0.77	0	0	0	0	0	0
12/10/2023 11:08	56801 BENV_T1	12	13	1	0.54	0.7	0.16	-0.65	-0.65	1	1	0	600	600	0
12/10/2023 11:08	60201 ATGL_T2	0	0	0	0	0	0	0.02	0.02	0	0	0	0	0	0
12/10/2023 11:08	46001 BERW_T1	0	0	0	0	0	0	0.61	0.62	0	0	0	0	0	0
12/10/2023 11:08	59101 WALK_T2	1	1	0	0	0	0	-0.5	-0.48	0	0	0	0	0	0
12/10/2023 11:09	56801 BENV_T1	12	13	1	0.54	0.7	0.16	-1.3	-1.31	2	2	0	1200	1200	0
12/10/2023 11:09	45501 DERR_T2	0	0	0	0	0	0	-0.23	-0.2	2	2	0	1200	1200	0
12/10/2023 11:10	56801 BENV_T1	12	13	1	0.54	0.7	0.16	-1.3	-1.31	2	2	0	1200	1200	0
12/10/2023 11:10	59101 WALK_T2	1	1	0	0	0	0	-0.5	-0.48	0	0	0	0	0	0
12/10/2023 11:11	52403 GRPA_T2	0	3	3	0	0	0	0	-0.01	0	0	0	0	0	0
12/10/2023 11:12	56801 BENV_T1	12	13	1	0.54	0.7	0.16	-1.95	-1.96	3	3	0	1800	1800	0
12/10/2023 11:12	46001 BERW_T1	0	0	0	0	0	0	0.61	0.62	0	0	0	0	0	0
12/10/2023 11:15	52403 GRPA_T2	3	2	-1	0.53	0	-0.53	0	-0.01	0	0	0	0	0	0
12/10/2023 11:17	55002 NEWP_T1	3	3	0	0.3	0.3	0	-0.21	-0.19	0	0	0	0	0	0
12/10/2023 11:18	55002 NEWP_T1	3	3	0	0.3	0.3	0	-0.21	-0.19	0	0	0	0	0	0
12/10/2023 11:18	44601 SALE_T2	0	0	0	0	0	0	-0.07	-0.08	0	0	0	0	0	0
12/10/2023 11:19	55002 NEWP_T1	3	3	0	0.3	0.3	0	-0.42	-0.38	0	0	0	0	0	0
12/10/2023 11:21	64101 REFR_T1	0	0	0	0	0	0	0.08	0.08	0	0	0	0	0	0
12/10/2023 11:21	55002 NEWP_T1	3	3	0	0.3	0.3	0	-0.21	-0.19	0	0	0	0	0	0
12/10/2023 11:22	44601 SALE_T2	0	0	0	0	0	0	-0.07	-0.08	0	0	0	0	0	0
12/10/2023 11:23	46004 BERW_T2	2	0	-2	0.3	0	-0.3	-0.68	-0.73	0	0	0	0	0	0
12/10/2023 11:23	60803 BUCK_T1	0	0	0	0	0	0	-1.6	-1.59	1	1	0	600	600	0
12/10/2023 11:24	55002 NEWP_T1	3	3	0	0.3	0.3	0	-0.19	-0.19	0	0	0	0	0	0
12/10/2023 11:24	43304 WATS_T2	0	1	1	0	0.2	0.2	-0.76	-0.81	0	0	0	0	0	0
12/10/2023 11:25	43304 WATS_T2	0	1	1	0	0.2	0.2	-0.76	-0.81	0	0	0	0	0	0
12/10/2023 11:25	27502 WEIS_T2	0	0	0	0	0	0	-0.51	-0.54	0	0	0	0	0	0
12/10/2023 11:26	20403 ASHF_T2	0	0	0	0	0	0	0.3	0.29	0	0	0	0	0	0
12/10/2023 11:26	61303 EARL_T1	0	0	0	0	0	0	-0.11	-0.11	0	0	0	0	0	0
12/10/2023 11:27	60803 BUCK_T1	0	0	0	0	0	0	-1.6	-1.59	1	1	0	600	600	0
12/10/2023 11:29	40101 HUNT_T2	0	5	5	0	0	0	-0.7	-0.67	0	0	0	0	0	0
12/10/2023 11:30	40101 HUNT_T2	0	5	5	0	0.25	0.25	-0.7	-0.67	0	0	0	0	0	0
12/10/2023 11:31	42902 MIDD_T2	0	1	1	0	0	0	-1.26	-1.25	1	1	0	600	600	0
12/10/2023 11:31	40101 HUNT_T2	0	5	5	0	0.25	0.25	-0.7	-0.67	0	0	0	0	0	0
12/10/2023 11:31	65001 NEFF_T2	0	0	0	0	0	0	-1.37	-1.34	1	1	0	1200	1200	0
12/10/2023 11:35	43202 MVIL_T2	2	1	-1	0.5	0	-0.5	-1.38	-1.4	0	0	0	0	0	0
12/10/2023 11:36	66505 SMAN_T2	0	0	0	0	0	0	0.05	0.05	2	2	0	1100	1100	0
12/10/2023 11:36	67601 WARW_T2	0	0	0	0	0	0	-0.75	-0.72	0	0	0	0	0	0
12/10/2023 11:37	49803 UNIV_T1	0	0	0	0	0	0	-1.09	-1.08	0	0	0	0	0	0
12/10/2023 11:37	67601 WARW_T2	0	0	0	0	0	0	-0.75	-0.72	0	0	0	0	0	0
12/10/2023 11:38	56801 BENV_T1	9	16	7	0.87	0.67	-0.2	-1.96	-1.99	3	2	-1	1800	1200	-600
12/10/2023 11:38	49803 UNIV_T1	0	0	0	0	0	0	-1.08	-1.08	0	0	0	0	0	0
12/10/2023 11:38	58006 WCAR_T2	0	0	0	0	0	0	0.39	0.4	0	0	0	0	0	0
12/10/2023 11:39	65001 NEFF_T2	0	0	0	0	0	0	-1.34	-1.38	1	1	0	1200	1200	0
12/10/2023 11:39	56802 BENV_T2	1	1	0	0.2	0.3	0.1	-1.34	-1.32	0	0	0	0	0	0
12/10/2023 11:39	56801 BENV_T1	9	16	7	0.87	0.67	-0.2	-0.65	-0.66	1	1	0	600	600	0
12/10/2023 11:39	67601 WARW_T2	0	0	0	0	0	0	-1.44	-1.53	0	0	0	0	0	0
12/10/2023 11:40	60201 ATGL_T2	0	0	0	0	0	0	0.02	0.03	0	0	0	0	0	0
12/10/2023 11:41	56801 BENV_T1	9	16	7	0.87	0.67	-0.2	-1.31	-1.33	2	2	0	1200	1200	0
12/10/2023 11:42	56802 BENV_T2	1	1	0	0.2	0.3	0.1	-2.69	-2.65	0	0	0	0	0	0
12/10/2023 11:42	61303 EARL_T1	0	0	0	0	0	0	-0.11	-0.1	0	0	0	0	0	0
12/10/2023 11:42	56801 BENV_T1	9	16	7	0.87	0.67	-0.2	-1.31	-1.33	2	2	0	1200	1200	0
12/10/2023 11:44	63501 HEID_TBK1-2	0	0	0	0	0	0	0.36	0.37	0	0	0	0	0	0
12/10/2023 11:45	63404 HONY_T1	117	107	-10	0.48	0.5	0.02	0	0	0	0	0	0	0	0
12/10/2023 11:46	65001 NEFF_T2	0	0	0	0	0	0	-1.34	-1.38	1	1	0	1200	1200	0
12/10/2023 11:46	63501 HEID_TBK1-2	0	0	0	0	0	0	0.36	0.37	0	0	0	0	0	0
12/10/2023 11:47	42901 MIDD_T2	0	2	2	0	0	0	0	0	0	0	0	0	0	0
12/10/2023 11:47	64101 REFR_T1	0	0	0	0	0	0	0.08	0.06	0	0	0	0	0	0
12/10/2023 11:48	56801 BENV_T1	15	16	1	0.65	0.72	0.07	-0.65	-0.66	1	1	0	600	600	0
12/10/2023 11:49	56801 BENV_T1	15	16	1	0.65	0.72	0.07	-0.65	-0.66	1	1	0	600	600	0
12/10/2023 11:50	59101 WALK_T2	1	1	0	0	0	0	-0.53	-0.56	0	0	0	0	0	0
12/10/2023 11:50	64101 REFR_T1	0	0	0	0	0	0	0.15	0.13	0	0	0	0	0	0
12/10/2023 11:51	24902 WHHA_T1	1	2	1	1.4	0.7	-0.7	0.62	0.6	0	0	0	0	0	0
12/10/2023 11:52	67601 WARW_T2	0	0	0	0	0	0	-0.72	-0.76	0	0	0	0	0	0
12/10/2023 11:52	64101 REFR_T1	0	0	0	0	0	0	0.08	0.06	0	0	0	0	0	0
12/10/2023 11:53	59101 WALK_T2	1	1	0	0	0	0	-0.56	-0.56	0	0	0	0	0	0
12/10/2023 11:53	67601 WARW_T2	0	0	0	0	0	0	-0.72	-0.76	0	0	0	0	0	0
12/10/2023 11:54	67601 WARW_T2	0	0	0	0	0	0	-0.76	-0.73	0	0	0	0	0	0
12/10/2023 11:54	59101 WALK_T2	1	1	0	0	0	0	-0.56	-0.56	0	0	0	0	0	0
12/10/2023 11:54	58002 WCAR_T2	0	1	1	0	0	0	0	0	0	0	0	0	0	0
12/10/2023 11:54	40502 CRES_T2	10	11	1	0.18	0.22	0.04	-0.36	-0.35	0	0	0	0	0	0
12/10/2023 11:54	40505 CRES_T1	0	0	0	0	0	0	0.41	0.43	0	0	0	0	0	0
12/10/2023 11:55	60201 ATGL_T2	0	0	0	0	0	0	0.03	0.04	0	0	0	0	0	0
12/10/2023 11:55	40502 CRES_T2	10	11	1	0.18	0.22	0.04	-0.72	-0.35	0	0	0	0	0	0
12/10/2023 11:55	59101 WALK_T2	1	1	0	0	0	0	-0.56	-0.56	0	0	0	0	0	0
12/10/2023 11:56	40502 CRES_T2	10	11	1	0.18	0.22	0.04	-1.09	-1.06	0	0	0	0	0	0
12/10/2023 11:56	48901 FOSP_T2	0	0	0	0	0	0	-0.46	-0.45	1	1	0	600	600	0
12/10/2023 11:57	40502 CRES_T2	10	11	1	0.18	0.22	0.04	-0.72	-1.06	0	0	0	0	0	0
12/10/2023 11:57	40505 CRES_T1	0	0	0	0	0	0	0.82	0.86	0	0	0	0	0	0
12/10/2023 11:58	40502 CRES_T2	10	11	1	0.18	0.22	0.04	-0.36	-1.06	0	0	0	0	0	0
12/10/2023 11:58	40505 CRES_T1	0	0	0	0	0	0	0.41	0.43	0	0	0	0	0	0
12/10/2023 11:58	48901 FOSP_T2	0	0	0	0	0	0	-0.46	-0.45	1	1	0	600	600	0
12/10/2023 11:59	40502 CRES_T2	10	11	1	0.18	0.22	0.04	-0.72	-0.7	0	0	0	0	0	0
12/10/2023 12:00	63501 HEID_TBK1-2	0	0	0	0	0	0	0.37	0.36	0	0	0	0	0	0
12/10/2023 12:00	48901 FOSP_T2	0	0	0	0	0	0	-0.46	-0.45	1	1	0	600	600	0
12/10/2023 12:01	43202 MVIL_T2	0	1	1	0	0	0	-0.71	-0.71	0	0	0	0	0	0
12/10/2023 12:02	63401 HONY_T1	0	0	0	0	0	0	-0.1	-0.04	0	0	0	0	0	0
12/10/2023 12:02	40502 CRES_T2	1	13	12	0.2	0.35	0.15	-0.36	-0.35	0	0	0	0	0	0
12/10/2023 12:03	42901 MIDD_T2	0	2	2	0	0.45	0.45	0	0	0	0	0	0	0	0
12/10/2023 12:08	53601 DALM_T2	0	0	0	0	0	0	-0.15	-0.09	0	0	0	0	0	0
12/10/2023 12:08	67601 WARW_T2	0	0	0	0	0	0	-0.76	-0.73	0	0	0	0	0	0
12/10/2023 12:12	60201 ATGL_T2	0	0	0	0	0	0	0.04	0.01	0	0	0	0	0	0
12/10/2023 12:16	63501 HEID_TBK1-2	0	0	0	0	0	0	0.36	0.38	0	0	0	0	0	0
12/10/2023 12:19	64101 REFR_T1	0	0	0	0	0	0	0.09	0.11	0	0	0	0	0	0
12/10/2023 12:20	49803 UNIV_T1	0	0	0	0	0	0	-1.09	-1.09	0	0	0	0	0	0
12/10/2023 12:22	64101 REFR_T1	0	0	0	0	0	0	0.17	0.23	0	0	0	0	0	0
12/10/2023 12:22	65001 NEFF_T2	0	0	0	0	0	0	-1.38	-1.39	1	1	0	1200	1200	0
12/10/2023 12:24	49803 UNIV_T1	0	0	0	0	0	0	-1.09	-1.05	0	0	0	0	0	0
12/10/2023 12:25	67602 WARW_T2	0	1	1	0	0	0	0	0	0	0	0	0	0	0
12/10/2023 12:25	16101 BING_T2	8	10	2	0.59	0.8	0.21	0.91	0.87	0	0	0	0	0	0
12/10/2023 12:32	65001 NEFF_T2	0	0	0	0	0	0	-1.39	-1.39	1	1	0	1200	1200	0
12/10/2023 12:38	56801 BENV_T1	15	20	5	0.81	0.84	0.03	-0.67	-0.69	1	1	0	600	600	0
12/10/2023 12:39	56801 BENV_T1	15	20	5	0.81	0.84	0.03	-0.67	-0.69	1	1	0	600	600	0
12/10/2023 12:40	56802 BENV_T2	1	1	0	0.3	0.5	0.2	-1.34	-1.38	0	0	0	0	0	0
12/10/2023 12:40	60201 ATGL_T2	0	0	0	0	0	0	0.05	0.03	0	0	0	0	0	0
12/10/2023 12:41	56801 BENV_T1	15	20	5	0.81	0.84	0.03	-1.35	-1.39	2	2	0	1200	1200	0
12/10/2023 12:42	56801 BENV_T1	15	20	5	0.81	0.84

Appendix C - Grid Benefits Achieved in Each Instance of Active Management

12/10/2023 14:20	48302 ORWI_T2	3	3	0	0.87	1.03	0.16	-1.35	-1.37	0	0	0	0	0	0
12/10/2023 14:20	14403 SSLA_T1	0	0	0	0	0	0	1.66	1.6	0	0	0	0	0	0
12/10/2023 14:21	46302 ROHR_T1	4	4	0	0.55	0.6	0.05	0.15	0.16	0	0	0	0	0	0
12/10/2023 14:21	44601 SALE_T2	1	1	0	0.2	0.3	0.1	-0.08	-0.09	0	0	0	0	0	0
12/10/2023 14:22	59102 WALK_T2	2	0	-2	0.1	0	-0.1	0	0	0	0	0	0	0	0
12/10/2023 14:23	46001 BERW_T1	0	0	0	0	0	0	0.6	0.61	0	0	0	0	0	0
12/10/2023 14:23	67502 WEWI_T2	0	0	0	0	0	0	-1.47	-1.44	1	1	0	900	900	0
12/10/2023 14:24	45402 WBLO_T2	0	0	1	0	0.6	0.6	-0.71	-0.71	0	0	0	0	0	0
12/10/2023 14:24	43001 ALWD_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/10/2023 14:25	67502 WEWI_T2	0	0	0	0	0	0	-1.47	-1.44	1	1	0	900	900	0
12/10/2023 14:26	56802 BENV_T2	2	1	-1	0.25	0.8	0.55	-2.81	-1.4	0	0	0	0	0	0
12/10/2023 14:26	46001 BERW_T1	0	0	0	0	0	0	0.6	0.61	0	0	0	0	0	0
12/10/2023 14:27	46003 BERW_T2	1	1	0	0.1	0.8	0.7	0	0	0	0	0	0	0	0
12/10/2023 14:27	56802 BENV_T2	2	1	-1	0.25	0.8	0.55	-1.41	-1.4	0	0	0	0	0	0
12/10/2023 14:28	47001 HUGH_T2	0	0	0	0	0	0	-1.49	-1.54	0	0	0	0	0	0
12/10/2023 14:36	59402 RFLD_T2	0	0	0	0	0	0	-0.81	-0.83	1	1	0	450	450	0
12/10/2023 14:38	43001 ALWD_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/10/2023 14:38	59102 WALK_T2	0	5	5	0	0.1	0.1	0	0	0	0	0	0	0	0
12/10/2023 14:38	42802 SELI_T1	0	0	0	0	0	0	-2.29	-2.32	1	1	0	900	900	0
12/10/2023 14:39	49803 UNIV_T1	7	0	-7	0.11	0	-0.11	-1.07	-1.07	0	0	0	0	0	0
12/10/2023 14:40	46001 BERW_T1	0	0	0	0	0	0	0.61	0.6	0	0	0	0	0	0
12/10/2023 14:40	67605 WARW_T1	2	7	5	0.3	0.31	0.01	-1.32	-1.3	0	0	0	0	0	0
12/10/2023 14:40	56802 BENV_T2	1	1	0	0.8	0.8	0	-1.4	-1.37	0	0	0	0	0	0
12/10/2023 14:40	51604 DUKE_T2	0	5	5	0	0.14	0.14	-1.67	-1.69	1	1	0	900	900	0
12/10/2023 14:41	56802 BENV_T2	1	1	0	0.8	0.8	0	-1.4	-1.37	0	0	0	0	0	0
12/10/2023 14:42	67605 WARW_T1	2	7	5	0.3	0.31	0.01	-1.32	-1.3	0	0	0	0	0	0
12/10/2023 14:43	51604 DUKE_T2	0	5	5	0	0.14	0.14	-1.67	-1.69	1	1	0	900	900	0
12/10/2023 14:44	28805 LAKE_T1	0	0	0	0	0	0	-0.22	-0.23	0	0	0	0	0	0
12/10/2023 14:46	63203 MGTN_T1	0	0	0	0	0	0	-0.21	-0.22	1	1	0	600	600	0
12/10/2023 14:47	40602 PIGR_T1	0	1	1	0	0	0	0	0	1	1	0	600	600	0
12/10/2023 14:47	55002 NEWP_T1	3	4	1	0.4	0.45	0.05	-0.22	-0.24	0	0	0	0	0	0
12/10/2023 14:49	52501 PROG_T1	0	0	0	0	0	0	0.25	0.23	1	1	0	300	300	0
12/10/2023 14:51	57403 SPAN_T1	0	0	0	0	0	0	0.2	0.2	0	0	0	0	0	0
12/10/2023 14:52	44301 BEAV_T2	0	0	0	0	0	0	-1.05	-1.06	1	1	0	600	600	0
12/10/2023 14:52	57401 SPAN_T1	2	4	2	0.25	0.3	0.05	0	0	0	0	0	0	0	0
12/10/2023 14:52	42503 ALTA_T2	0	0	0	0	0	0	-0.69	-0.69	0	0	0	0	0	0
12/10/2023 14:54	65001 NEFF_T2	0	0	0	0	0	0	-1.28	-1.35	1	1	0	1200	1200	0
12/10/2023 14:54	61302 EARL_T1	0	1	1	0	0	0	0	0	0	0	0	0	0	0
12/10/2023 14:57	40101 HUNT_T2	0	0	0	0	0	0	-0.69	-0.67	0	0	0	0	0	0
12/10/2023 14:59	40101 HUNT_T2	0	0	0	0	0	0	-0.69	-0.67	0	0	0	0	0	0
12/10/2023 14:59	61302 EARL_T1	0	1	1	0	0	0	0	0	0	0	0	0	0	0
12/10/2023 15:00	47001 HUGH_T2	0	0	0	0	0	0	-1.48	-1.43	0	0	0	0	0	0
12/10/2023 15:03	44901 SCOT_T2	0	0	0	0	0	0	-0.54	-0.55	0	0	0	0	0	0
12/10/2023 15:05	46302 ROHR_T1	3	4	1	0.8	0.75	-0.05	0.16	0.18	0	0	0	0	0	0
12/10/2023 15:06	46302 ROHR_T1	3	4	1	0.8	0.75	-0.05	0.16	0.18	0	0	0	0	0	0
12/10/2023 15:10	46001 BERW_T1	0	0	0	0	0	0	0.63	0.6	0	0	0	0	0	0
12/10/2023 15:18	42201 SHEN_T2	0	0	0	0	0	0	0.4	0.4	0	0	0	0	0	0
12/10/2023 15:19	55002 NEWP_T1	4	4	0	0.43	0.45	0.02	-0.22	-0.24	0	0	0	0	0	0
12/10/2023 15:27	28604 BLYT_T2	0	0	0	0	0	0	-1.37	-1.36	0	0	0	0	0	0
12/10/2023 15:34	55002 NEWP_T1	4	4	0	0.33	0.45	0.12	-0.24	-0.23	0	0	0	0	0	0
12/10/2023 15:42	27101 GFLD_T2	2	0	-2	0.9	0	-0.9	0.25	0.24	0	0	0	0	0	0
12/10/2023 15:47	42802 SELI_T1	0	0	0	0	0	0	-4.68	-4.52	2	2	0	1800	1800	0
12/10/2023 15:48	42801 SELI_T1	1	1	0	0	0	0	0	0	0	0	0	0	0	0
12/10/2023 15:50	14403 SSLA_T1	0	1	1	0	3.5	3.5	0.82	0.84	0	0	0	0	0	0
12/10/2023 15:54	14403 SSLA_T1	0	1	1	0	3.5	3.5	0.84	0.84	0	0	0	0	0	0
12/10/2023 16:01	52404 GRPA_T2	1	0	-1	0.1	0	-0.1	0	0	0	0	0	0	0	0
12/10/2023 16:11	29402 BELT_T1	1	1	0	7.1	7.2	0.1	0	0	0	0	0	0	0	0
12/10/2023 16:22	42701 AUGU_T1	0	0	0	0	0	0	0	0	2	2	0	1200	1200	0
12/10/2023 16:25	42701 AUGU_T1	0	0	0	0	0	0	0	0	1	1	0	600	600	0
12/10/2023 16:26	42701 AUGU_T1	0	0	0	0	0	0	0	0	1	1	0	600	600	0
12/10/2023 16:26	59402 RFLD_T2	0	0	0	0	0	0	-0.82	-0.82	1	1	0	450	450	0
12/10/2023 16:35	65001 NEFF_T2	0	0	0	0	0	0	-1.37	-1.31	1	1	0	1200	1200	0
12/10/2023 16:47	48302 ORWI_T2	3	3	0	0.73	0.63	-0.1	-0.66	-0.65	0	0	0	0	0	0
12/10/2023 16:51	65001 NEFF_T2	0	0	0	0	0	0	-1.31	-1.32	1	1	0	1200	1200	0
12/10/2023 16:55	40502 CRES_T2	0	0	0	0	0	0	-0.29	-0.91	0	0	0	0	0	0
12/10/2023 17:07	65604 QVIL_T2	0	0	0	0	0	0	-0.06	-0.42	0	0	0	0	0	0
12/10/2023 17:25	55002 NEWP_T1	2	3	1	0.2	0.3	0.1	-0.22	-0.24	0	0	0	0	0	0
12/10/2023 17:27	43202 MVIL_T2	1	1	0	0.4	0	-0.4	-1.4	-1.42	0	0	0	0	0	0
12/10/2023 17:28	65001 NEFF_T2	0	0	0	0	0	0	-1.35	-1.32	1	1	0	1200	1200	0
12/10/2023 17:28	13901 SEID_T1	0	0	0	0	0	0	0.19	0.18	0	0	0	0	0	0
12/10/2023 17:29	59101 WALK_T2	14	3	-11	0.33	0.1	-0.23	1.02	1	1	1	0	450	450	0
12/10/2023 17:33	41801 GOCI_T2	0	1	1	0	0	0	0	0	0	0	0	0	0	0
12/10/2023 17:34	67503 WEWI_T2	0	0	0	0	0	0	-0.31	-0.23	0	0	0	0	0	0
12/10/2023 17:37	29402 BELT_T1	2	1	-1	3.75	7.2	3.45	0	0	0	0	0	0	0	0
12/10/2023 17:39	67502 WEWI_T2	0	0	0	0	0	0	-1.42	-1.42	1	1	0	900	900	0
12/10/2023 17:40	42503 ALTA_T2	0	0	0	0	0	0	-0.68	-0.69	0	0	0	0	0	0
12/10/2023 17:40	12701 MACU_T1	6	2	-4	1.2	0	-1.2	0.06	0.06	0	0	0	0	0	0
12/10/2023 17:42	40101 HUNT_T2	2	8	6	0.3	0.13	-0.17	-0.66	-0.65	0	0	0	0	0	0
12/10/2023 17:43	13901 SEID_T1	0	0	0	0	0	0	0.18	0.18	0	0	0	0	0	0
12/10/2023 17:45	63404 HONY_T1	2	6	4	8.15	3.28	-4.87	0	0	0	0	0	0	0	0
12/10/2023 17:45	49803 UNIV_T1	0	0	0	0	0	0	-1.09	-1.08	0	0	0	0	0	0
12/10/2023 17:46	12701 MACU_T1	2	1	-1	1.3	0	-1.3	0.06	0.06	0	0	0	0	0	0
12/10/2023 17:48	27101 GFLD_T2	0	0	0	0	0	0	0.29	0.29	0	0	0	0	0	0
12/10/2023 17:48	16402 MOPO_T1	0	0	0	0	0	0	-0.21	-0.2	0	0	0	0	0	0
12/10/2023 17:49	20402 ASHF_T2	6	2	-4	0.67	0.1	-0.57	0	0	0	0	0	0	0	0
12/10/2023 17:49	40101 HUNT_T2	8	5	-3	0.26	0.13	-0.13	-0.66	-0.65	0	0	0	0	0	0
12/10/2023 17:50	44301 BEAV_T2	0	1	1	0	0	0	-0.94	-0.97	1	1	0	600	600	0
12/10/2023 17:50	49803 UNIV_T1	0	0	0	0	0	0	-1.09	-1.08	0	0	0	0	0	0
12/10/2023 17:50	14403 SSLA_T1	0	0	0	0	0	0	0.86	0.85	0	0	0	0	0	0
12/10/2023 17:51	44901 SCOT_T2	0	0	0	0	0	0	-0.65	-0.46	0	0	0	0	0	0
12/10/2023 17:51	59101 WALK_T2	2	8	6	0.1	0.73	0.63	1	1.22	1	1	0	450	450	0
12/10/2023 17:51	44601 SALE_T2	0	0	0	0	0	0	-0.04	-0.08	0	0	0	0	0	0
12/10/2023 17:53	64204 KINZ_T1	1	1	0	1	0.8	-0.2	0	0	0	0	0	0	0	0
12/10/2023 17:53	67502 WEWI_T2	0	0	0	0	0	0	-1.42	-1.46	1	1	0	900	900	0
12/10/2023 17:53	47001 HUGH_T2	0	1	1	0	0	0	-0.69	-0.65	0	0	0	0	0	0
12/10/2023 17:54	44901 SCOT_T2	0	0	0	0	0	0	-0.46	-0.48	0	0	0	0	0	0
12/10/2023 17:54	27502 WEIS_T2	0	0	0	0	0	0	-0.57	-0.61	0	0	0	0	0	0
12/10/2023 17:54	45501 DERR_T2	0	0	0	0	0	0	0.01	0.01	1	1	0	600	600	0
12/10/2023 17:54	45402 WBLO_T2	1	1	0	0.5	0.4	-0.1	-0.69	-0.67	0	0	0	0	0	0
12/10/2023 17:56	44601 SALE_T2	0	0	0	0	0	0	-0.08	-0.07	0	0	0	0	0	0
12/10/2023 17:56	44901 SCOT_T2	0	0	0	0	0	0	-0.46	-0.48	0	0	0	0	0	0
12/10/2023 17:57	10801 CHHI_T1	0	0	0	0	0	0	-1.45	-1.45	2	2	0	1500	1500	0
12/10/2023 17:58	59101 WALK_T2	2	8	6	0.1	0.73	0.63	1.22	1.26	1	1	0	450	450	0
12/10/2023 17:58	67103 SPRI_T1	0	0	0	0	0	0	-0.18	-0.17	0	0	0	0	0	0
12/10/2023 17:58	42701 AUGU_T1	0	0	0	0	0	0	0	0	1	1	0	600	600	0
12/10/2023 17:59	42701 AUGU_T1	0	0	0	0	0	0	0	0	1	1	0	600	600	0
12/10/2023 18:00	67601 WARW_T2	0	0	0	0	0	0	-0.75	-0.8	0	0	0	0	0	0
12/10/2023 18:00	29402 BELT_T1	1	1	0	7.2	7.3	0.1	0	0	0	0	0	0	0	0
12/10/2023 18:01	46302 ROHR_T1	3	1	-2	0.4	0.2	-0.2	0.17	0.16	0	0	0	0	0	0
12/10/2023 18:01	67601 WARW_T2	0	0	0	0	0	0	-0.75	-0.8	0	0	0	0	0	0
12/10/2023 18:01	67105 SPRI_T1	0	1	1	0	0	0	0	0	0	0	0	0	0	0
12/10/2023 18:01	16101 BING_T2	17	60	43	0.22	0.42	0.2	-0.43	-0.47	0	0	0	0	0	0
12/10/2023 18:01	67502 WEWI_T2	0	0	0	0	0	0	-1.42	-1.46	1	1	0	900	900	0
12/10/2023 18:01	48302 ORWI_T2	3	4	1	0.67	0.73	0.06	-0.64	-0.66	0	0	0	0	0	0
12/10/2023 18:02	42701 AUGU_T1	0	0	0	0	0	0	0	0	1	1	0	600	600	0
12/10/2023 18:02	60803 BUCK_T1	0	0	0	0	0	0	-1.55	-1.53	1	1	0	600	600	0
12/10/2023 18:02	64204 KINZ_T1	1	1	0	0.8	1.4	0.6	0	0	0	0	0	0	0	0
12/10/2023 18:02	48901 FOSP_T2	0	0	0	0	0	0	-0.47	-0.35	1	1	0	600	600	0
12/10/2023 18:03	55001 NEWP_T1	0	1	1	0	0.7	0.7	0	0	0	0	0	0	0	0
12/10/2023 18:03	46001 BERW_T1	0	0	0	0	0	0	0.64	0.63	0	0	0	0	0	0
12/10/2023 18:04	42902 MIDD_T2	0	1	1	0	0	0	-1.2	-1.21	1	1	0	600	600	0
12/10/2023 18:04	65001 NEFF_T2	0	0	0	0	0	0	-1.33	-1.29	1	1	0	1200	1200	0
12/10/2023 18:04	67601 WARW_T2	0	0	0	0	0	0	-0.75	-0.8	0	0	0	0	0	0
12/10/2023 18:04	48901 FOSP_T2	0	0	0	0	0	0	-0.94	-0.7	2	2	0	1200	1200	0
12/10/2023 18:04	29401 BELT_T1	0	0	0	0	0	0	0	0	1	1	0	900	900	0
12/10/2023 18:04	45501 DERR_T2	0	2	2	0	0	0	0.01	0.01	1	1	0	600	600	0
12/10/2023 18:05	42701 AUGU_T1	0	0	0	0	0	0	0	0	1	1	0	600	600	0
12/10/2023 18:05	67601 WARW_T2	0	0	0	0	0	0	-0.75	-0.8	0	0	0	0	0	0
12/10/2023 18:05	16402 MOPO_T1	0	0	0	0	0	0	-0.2	-0.21	0	0	0	0	0	0
12/10/2023 18:05	20403 ASHF_T2	0	0	0	0	0	0	0.35	0.34	0	0	0	0	0	0
12/10/2023 18:05	42801 SELI_T1	1	1	0	0	0	0	0	0	0	0	0	0	0	0
12/10/2023 18:05	52401 GRPA_T2	1	2	1	0.3	0	-0.3	0	0	0	0	0	0	0	0
12/10/2023 18:05	59101 WALK_T2	7	6	-1	0.73	0.1	-0.63	1.22	1.26	1	1	0	450	450	0
12/10/2023 18:06	63501 HEID_TBK1-2	0	0	0	0	0	0	-0.44	-0.45	1	1	0	900	900	0
12/10/2023 18:06	56504 ROCK_T2	1	5	4	3.3	0	-3.3	0	0	0	0	0	0	0	0
12/10/2023 18:06	40602 PIGR_T1	0	0	0	0	0	0	0	0	1	1	0	600	600	0
12/10/2023 18:06	16101 BING_T2	17	60	43	0.22	0.42	0.2	-0.43	-0.47	0	0	0	0	0	0
12/10/2023 18:06	59202 THOM_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/10/2023 18:06	56802 BENV_T2	0	0	0	0	0	0	-1.37	-1.37	0	0	0	0	0	0
12/10/2023 18:07	46001 BERW_T1	0	0	0	0	0	0	0.64	0.63	0	0	0	0	0	0
12/10/2023 18:07	42801 SELI_T1	1	1	0	0	0	0	0	0	0	0	0	0	0	0
12/10/2023 18:07	67605 WARW_T1	0	1	1	0	0	0	-2.42	-2.47	0	0	0	0	0	0
12/10/2023 18:07	55002 NEWP_T1	3	4	1	0.23	0.43	0.2	-0.24	-0.25	0	0	0	0	0	0
12/10/2023 18:07	42701 AUGU_T1	0	0	0	0	0	0	0	0	1	1	0	600	600	0
12/10/2023 18:07	28604 BLYT_T2	0	0	0	0	0	0	-1.28	-1.27	0	0	0	0	0	0
12/10/2023 18:08	43304 WATS_T2	2	0	-2	0.5	0	-0.5	0	0	0	0	0	0	0	0
12/10/2023 18:08	64101 REFR_T1	0	0	0	0	0	0	0.13	0.12	0	0	0	0	0	0
12/10/2023 18:09	57403 SPAN_T1	1	0	-1	2.6	0	-2.6	0.12	0.09	0	0	0	0	0	0
12/10/2023 18:09	47001 HUGH_T2	0	1	1	0	0	0	-0.65	-0.57	0	0	0	0	0	0
12/10/2023 18:09	45501 DERR_T2	0	2	2	0	0	0	0.01	0.03	1	1	0	600	600	0
12/10/2023 18:09	43304 WATS_T2	2	0	-2	0.5	0	-0.5	-0.84	-0.82	0	0	0	0	0	0
12/10/2023 18:09	28604 BLYT_T2	0	0	0	0	0	0	-1.27	-1.3	0	0	0	0	0	0
12/10/2023 18:10	57401 SPAN_T1	0	2	2	0	0	0	-0.77	-0.77	1	1	0	600	600	0
12/10/2023 18:10	56802 BENV_T2	0	0	0	0	0	0	-1.37	-1.39	0	0	0	0	0	0
12/10/2023 18:10	59101 WALK_T2	7	6	-1	0.73	0.1	-0.63	1.26	1.18	1	1	0	450	450	0
12/10/2023 18:10	66505 SMAN_T2	0	1	1	0	0.1	0.1	0	0	0	0	0	0	0	0
12/10/2023 18:11	12701 MACU_T1	0	2	2	0	0.9	0.9	0.06	0.07	0	0	0	0	0	0
12/10/2023 18:11	60803 BUCK_T1	0	0	0	0	0	0	-1.53	-1.5	1	1	0	600	600	0
12/10/2023 18:11	59101 WALK_T2	7	6	-1	0.73	0.1	-0.63	1.26	1.18	1	1	0	450	450	0
12/10/2023 18:11	41801 GOCI_T2	1	1	0	0.2	0	-0.2	0	0	0	0	0	0	0	0
12/10/2023 18:12	41902 REED_T1	5	12	7	0.54	0.63	0.09	0.91	0.95	0	0	0	0	0	0
12/10/2023 18:12	40502 CRES_T2	1	0	-1	0.1	0	-0.1	-0.31	-0.33	0	0	0	0	0	0
12/10/2023 18:12	52404 GRPA_T2	0	4	4	0	0	0	0	0	0	0	0	0	0	0
12/10/2023 18:12	58006 WCAR_T2	0	0	0	0	0	0	0.36	0.39	0	0	0	0	0	0
12/10/2023 18:12	46004 BERW_T2	1	1	0	0.5	0.3	-0.2	-0.75	-0.78	0	0	0	0	0	0
12/10/2023 18:12	43304 WATS_T2	2	0	-2	0.5	0	-0.5	-0.84	-0.82	0	0	0	0	0	0
12/10/2023 18:13	43201 MVIL_T2	0	0	0	0	0	0	-0.38	-0.37	0	0	0	0	0	0
12/10/2023 18:13	52402 GRPA_T2	2	1	-1	1.45	2.6	1.15	0	0	0	0	0	0	0	0
12/10/2023 18:13	46001 BERW_T1	0	0	0	0	0	0	0.63	0.63	0	0	0	0	0	0
12/10/2023 18:13	64201 KINZ_T1	293	322	29	0.43	0.62	0.19	-0.75	-0.85	3	3	0	1500	1500	0
12/10/2023 18:13	40602 PIGR_T1	0	0	0	0	0	0	0	0	1	1	0	600	600	0
12/10/2023 18:13	57403 SPAN_T1	1	0	-1	2.6	0	-2.6	0	0	0	0	0	0	0	0
12/10/2023 18:13	43304 WATS_T2	2	0	-2	0.5	0	-0.5	-0.84	-0.82	0	0	0	0	0	0
12/10/2023 18:13	24902 WHHA_T1	0	0	0	0	0	0	0.48	0.47	0	0	0	0	0	0
12/10/2023 18:13	59101 WALK_T2	7	6	-1	0.73	0.1	-0.63	1.26	1.18	1	1	0	450	450	0
12/10/2023 18:13	66505 SMAN_T2	0	1	1	0	0.1	0.1	-0.24	-0.35	2	2	0	1100	1100	0
12/10/2023 18:13	64101 REFR_T1	0	0	0	0	0	0	0.12	0.13	0	0	0	0	0	0
12/10/2023 18:14	52006 LING_T2	0	2	2	0	0.2	0.2	0	0	0	0	0	0	0	0
12/10/2023 18:14	55001 NEWP_T1	0	1	1	0	0.7	0.7	0	0	0	0	0	0	0	0
12/10/2023 18:

12/10/2023 18:20	57403 SPAN_T1	0	0	0	0	0	0	0.12	0.09	0	0	0	0	0	0
12/10/2023 18:21	56501 ROCK_T2	3	4	1	1.43	0.3	-1.13	-1.45	-1.48	0	0	0	0	0	0
12/10/2023 18:21	52403 GRPA_T2	6	2	-4	0.8	0	-0.8	0	0	0	0	0	0	0	0
12/10/2023 18:21	46302 ROHR_T1	1	3	2	0.1	0.2	0.1	0.16	0.19	0	0	0	0	0	0
12/10/2023 18:22	40101 HUNT_T2	5	4	-1	0.32	0.3	-0.02	-0.59	-0.65	0	0	0	0	0	0
12/10/2023 18:22	64203 KINZ_T1	0	0	0	0	0	0	-0.13	-0.09	0	0	0	0	0	0
12/10/2023 18:22	43001 ALWD_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/10/2023 18:22	64101 REFR_T1	0	0	0	0	0	0	0.12	0.13	0	0	0	0	0	0
12/10/2023 18:22	59101 WALK_T2	6	2	-4	0.68	0	-0.68	0	0	0	0	0	0	0	0
12/10/2023 18:22	57401 SPAN_T1	0	2	2	0	0	0	-0.77	-0.77	1	1	0	600	600	0
12/10/2023 18:23	43304 WATS_T2	0	0	0	0	0	0	-0.82	-0.82	0	0	0	0	0	0
12/10/2023 18:24	46801 HEPB_T2	0	0	0	0	0	0	0.61	0.61	0	0	0	0	0	0
12/10/2023 18:24	67103 SPRI_T1	0	0	0	0	0	0	-0.16	-0.2	0	0	0	0	0	0
12/10/2023 18:24	64101 REFR_T1	0	0	0	0	0	0	0.13	0.13	0	0	0	0	0	0
12/10/2023 18:25	51604 DUKE_T2	0	0	0	0	0	0	-1.64	-1.63	1	1	0	900	900	0
12/10/2023 18:25	57401 SPAN_T1	0	2	2	0	0	0	-0.77	-0.71	1	1	0	600	600	0
12/10/2023 18:25	65001 NEFF_T2	0	0	0	0	0	0	-1.34	-1.35	1	1	0	1200	1200	0
12/10/2023 18:26	57403 SPAN_T1	0	0	0	0	0	0	0.09	0.1	0	0	0	0	0	0
12/10/2023 18:26	52402 GRPA_T2	1	5	4	2.6	1	-1.6	0	0	0	0	0	0	0	0
12/10/2023 18:27	43304 WATS_T2	0	0	0	0	0	0	-0.82	-0.82	0	0	0	0	0	0
12/10/2023 18:28	55002 NEWP_T1	4	4	0	0.38	0.43	0.05	-0.22	-0.22	0	0	0	0	0	0
12/10/2023 18:28	58402 MORO_T1	0	1	1	0	0	0	-0.33	-0.34	2	2	0	1500	1500	0
12/10/2023 18:28	66703 STRA_T1	0	0	0	0	0	0	-0.32	-0.37	0	0	0	0	0	0
12/10/2023 18:29	40901 JESH_T1	1	1	0	0.9	0.8	-0.1	0	0	0	0	0	0	0	0
12/10/2023 18:29	65001 NEFF_T2	0	0	0	0	0	0	-1.34	-1.35	1	1	0	1200	1200	0
12/10/2023 18:40	67601 WARW_T2	0	0	0	0	0	0	-0.79	-0.81	0	0	0	0	0	0
12/10/2023 18:44	57401 SPAN_T1	2	0	-2	1.95	0	-1.95	-0.71	-0.74	1	1	0	600	600	0
12/10/2023 19:16	67601 WARW_T2	0	0	0	0	0	0	-0.81	-0.74	0	0	0	0	0	0
12/10/2023 19:18	65001 NEFF_T2	0	0	0	0	0	0	-1.38	-1.37	1	1	0	1200	1200	0
12/10/2023 19:28	65001 NEFF_T2	0	0	0	0	0	0	-1.37	-1.37	1	1	0	1200	1200	0
12/10/2023 19:29	61303 EARL_T1	0	0	0	0	0	0	0	-0.05	0	0	0	0	0	0
12/10/2023 19:59	56801 BENV_T1	19	13	-6	0.42	0.32	-0.1	-1.32	-1.36	2	2	0	1200	1200	0
12/10/2023 20:05	65001 NEFF_T2	0	0	0	0	0	0	-1.37	-1.35	1	1	0	1200	1200	0
12/10/2023 20:52	65001 NEFF_T2	0	4	4	0	0.1	0.1	-1.39	-1.37	1	1	0	1200	1200	0
12/11/2023 1:02	65001 NEFF_T2	0	0	0	0	0	0	-1.48	-1.48	1	1	0	1200	1200	0
12/11/2023 1:23	65001 NEFF_T2	0	0	0	0	0	0	-1.48	-1.46	1	1	0	1200	1200	0
12/11/2023 1:55	65001 NEFF_T2	0	0	0	0	0	0	-1.47	-1.36	1	1	0	1200	1200	0
12/11/2023 3:02	65604 QVIL_T2	0	0	0	0	0	0	0.24	0.24	0	0	0	0	0	0
12/11/2023 3:05	53903 HALI_T2	2	0	-2	0.5	0	-0.5	-0.18	-0.14	0	0	0	0	0	0
12/11/2023 3:20	65001 NEFF_T2	0	0	0	0	0	0	-1.46	-1.5	1	1	0	1200	1200	0
12/11/2023 3:21	53903 HALI_T2	0	2	2	0	0.4	0.4	-0.14	-0.15	0	0	0	0	0	0
12/11/2023 3:44	49803 UNIV_T1	0	0	0	0	0	0	-1.27	-1.27	0	0	0	0	0	0
12/11/2023 3:54	45501 DERR_T2	1	0	-1	0.1	0	-0.1	0.01	0	1	1	0	600	600	0
12/11/2023 4:04	59101 WALK_T2	1	1	0	0	0	0	1.13	1.03	0	0	0	0	0	0
12/11/2023 4:05	43402 BENT_T1	0	0	0	0	0	0	-1.57	-1.54	2	2	0	1500	1500	0
12/11/2023 4:06	43402 BENT_T1	0	0	0	0	0	0	-1.57	-1.54	2	2	0	1500	1500	0
12/11/2023 4:07	43402 BENT_T1	0	0	0	0	0	0	-1.57	-1.54	2	2	0	1500	1500	0
12/11/2023 4:08	43402 BENT_T1	0	0	0	0	0	0	-1.54	-1.54	2	2	0	1500	1500	0
12/11/2023 4:08	45501 DERR_T2	0	0	0	0	0	0	0	-0.03	1	1	0	600	600	0
12/11/2023 4:09	43402 BENT_T1	0	0	0	0	0	0	-1.54	-1.57	2	2	0	1500	1500	0
12/11/2023 4:10	43402 BENT_T1	0	0	0	0	0	0	-1.54	-1.57	2	2	0	1500	1500	0
12/11/2023 4:11	43402 BENT_T1	0	0	0	0	0	0	-1.54	-1.57	2	2	0	1500	1500	0
12/11/2023 4:12	43402 BENT_T1	0	0	0	0	0	0	-1.54	-1.57	2	2	0	1500	1500	0
12/11/2023 4:13	43402 BENT_T1	0	0	0	0	0	0	-1.54	-1.57	2	2	0	1500	1500	0
12/11/2023 4:14	43402 BENT_T1	0	0	0	0	0	0	-1.54	-1.57	2	2	0	1500	1500	0
12/11/2023 4:15	43402 BENT_T1	0	0	0	0	0	0	-1.54	-1.57	2	2	0	1500	1500	0
12/11/2023 4:16	43402 BENT_T1	0	0	0	0	0	0	-1.54	-1.57	2	2	0	1500	1500	0
12/11/2023 4:17	43402 BENT_T1	0	0	0	0	0	0	-1.54	-1.57	2	2	0	1500	1500	0
12/11/2023 4:18	43402 BENT_T1	0	0	0	0	0	0	-1.54	-1.57	2	2	0	1500	1500	0
12/11/2023 4:18	65001 NEFF_T2	0	0	0	0	0	0	-1.38	-1.22	1	1	0	1200	1200	0
12/11/2023 4:19	43402 BENT_T1	0	0	0	0	0	0	-1.54	-1.57	2	2	0	1500	1500	0
12/11/2023 4:20	43402 BENT_T1	0	0	0	0	0	0	-1.54	-1.57	2	2	0	1500	1500	0
12/11/2023 4:21	43402 BENT_T1	0	0	0	0	0	0	-1.54	-1.57	2	2	0	1500	1500	0
12/11/2023 4:22	43402 BENT_T1	0	0	0	0	0	0	-1.54	-1.57	2	2	0	1500	1500	0
12/11/2023 4:23	43402 BENT_T1	0	0	0	0	0	0	-1.57	-1.57	2	2	0	1500	1500	0
12/11/2023 4:24	43402 BENT_T1	0	0	0	0	0	0	-1.57	-1.57	2	2	0	1500	1500	0
12/11/2023 4:29	43402 BENT_T1	0	0	0	0	0	0	-1.57	-1.57	2	2	0	1500	1500	0
12/11/2023 4:30	43402 BENT_T1	0	0	0	0	0	0	-1.57	-1.57	2	2	0	1500	1500	0
12/11/2023 4:31	43402 BENT_T1	0	0	0	0	0	0	-1.57	-1.57	2	2	0	1500	1500	0
12/11/2023 4:32	43402 BENT_T1	0	0	0	0	0	0	-1.57	-1.57	2	2	0	1500	1500	0
12/11/2023 4:33	43402 BENT_T1	0	0	0	0	0	0	-1.57	-1.57	2	2	0	1500	1500	0
12/11/2023 4:34	43402 BENT_T1	0	0	0	0	0	0	-1.57	-1.57	2	2	0	1500	1500	0
12/11/2023 4:35	43402 BENT_T1	0	0	0	0	0	0	-1.57	-1.57	2	2	0	1500	1500	0
12/11/2023 4:36	43402 BENT_T1	0	0	0	0	0	0	-1.57	-1.57	2	2	0	1500	1500	0
12/11/2023 4:37	43402 BENT_T1	0	0	0	0	0	0	-1.57	-1.57	2	2	0	1500	1500	0
12/11/2023 4:38	43402 BENT_T1	0	0	0	0	0	0	-1.57	-1.55	2	2	0	1500	1500	0
12/11/2023 4:39	43402 BENT_T1	0	0	0	0	0	0	-1.57	-1.55	2	2	0	1500	1500	0
12/11/2023 4:40	43402 BENT_T1	0	0	0	0	0	0	-1.57	-1.55	2	2	0	1500	1500	0
12/11/2023 4:41	43402 BENT_T1	0	0	0	0	0	0	-1.57	-1.55	2	2	0	1500	1500	0
12/11/2023 4:42	43402 BENT_T1	0	0	0	0	0	0	-1.57	-1.55	2	2	0	1500	1500	0
12/11/2023 4:43	43402 BENT_T1	0	0	0	0	0	0	-1.57	-1.55	2	2	0	1500	1500	0
12/11/2023 4:45	43402 BENT_T1	0	0	0	0	0	0	-1.57	-1.55	2	2	0	1500	1500	0
12/11/2023 4:46	43402 BENT_T1	0	0	0	0	0	0	-1.57	-1.55	2	2	0	1500	1500	0
12/11/2023 4:47	43402 BENT_T1	0	0	0	0	0	0	-1.57	-1.55	2	2	0	1500	1500	0
12/11/2023 4:48	43402 BENT_T1	0	0	0	0	0	0	-1.57	-1.55	2	2	0	1500	1500	0
12/11/2023 4:49	43402 BENT_T1	0	0	0	0	0	0	-1.57	-1.55	2	2	0	1500	1500	0
12/11/2023 4:50	43402 BENT_T1	0	0	0	0	0	0	-1.57	-1.55	2	2	0	1500	1500	0
12/11/2023 4:51	43402 BENT_T1	0	0	0	0	0	0	-1.57	-1.55	2	2	0	1500	1500	0
12/11/2023 4:52	43402 BENT_T1	0	0	0	0	0	0	-1.57	-1.55	2	2	0	1500	1500	0
12/11/2023 4:53	43402 BENT_T1	0	0	0	0	0	0	-1.57	-1.55	2	2	0	1500	1500	0
12/11/2023 4:54	43402 BENT_T1	0	0	0	0	0	0	-1.55	-1.55	2	2	0	1500	1500	0
12/11/2023 4:55	43402 BENT_T1	0	0	0	0	0	0	-1.55	-1.55	2	2	0	1500	1500	0
12/11/2023 4:56	43402 BENT_T1	0	0	0	0	0	0	-1.55	-1.55	2	2	0	1500	1500	0
12/11/2023 4:57	43402 BENT_T1	0	0	0	0	0	0	-1.55	-1.55	2	2	0	1500	1500	0
12/11/2023 4:58	43402 BENT_T1	0	0	0	0	0	0	-1.55	-1.55	2	2	0	1500	1500	0
12/11/2023 4:59	43402 BENT_T1	0	0	0	0	0	0	-1.55	-1.55	2	2	0	1500	1500	0
12/11/2023 5:00	43402 BENT_T1	0	0	0	0	0	0	-1.55	-1.55	2	2	0	1500	1500	0
12/11/2023 5:01	43402 BENT_T1	0	0	0	0	0	0	-1.55	-1.55	2	2	0	1500	1500	0
12/11/2023 5:02	43402 BENT_T1	0	0	0	0	0	0	-1.55	-1.55	2	2	0	1500	1500	0
12/11/2023 5:03	43402 BENT_T1	0	0	0	0	0	0	-1.55	-1.55	2	2	0	1500	1500	0
12/11/2023 5:05	43402 BENT_T1	0	0	0	0	0	0	-1.55	-1.55	2	2	0	1500	1500	0
12/11/2023 5:06	43402 BENT_T1	0	0	0	0	0	0	-1.55	-1.55	2	2	0	1500	1500	0
12/11/2023 5:07	43402 BENT_T1	0	0	0	0	0	0	-1.55	-1.55	2	2	0	1500	1500	0
12/11/2023 5:08	43402 BENT_T1	0	0	0	0	0	0	-1.55	-1.55	2	2	0	1500	1500	0
12/11/2023 5:09	43402 BENT_T1	0	0	0	0	0	0	-1.55	-1.54	2	2	0	1500	1500	0
12/11/2023 5:10	43402 BENT_T1	0	0	0	0	0	0	-1.55	-1.54	2	2	0	1500	1500	0
12/11/2023 5:11	43402 BENT_T1	0	0	0	0	0	0	-1.55	-1.54	2	2	0	1500	1500	0
12/11/2023 5:12	43402 BENT_T1	0	0	0	0	0	0	-1.55	-1.54	2	2	0	1500	1500	0
12/11/2023 5:13	43402 BENT_T1	0	0	0	0	0	0	-1.55	-1.54	2	2	0	1500	1500	0
12/11/2023 5:14	43402 BENT_T1	0	0	0	0	0	0	-1.55	-1.54	2	2	0	1500	1500	0
12/11/2023 5:15	43402 BENT_T1	0	0	0	0	0	0	-1.55	-1.54	2	2	0	1500	1500	0
12/11/2023 5:16	65001 NEFF_T2	0	0	0	0	0	0	-1.2	-1.12	1	1	0	1200	1200	0
12/11/2023 5:16	43402 BENT_T1	0	0	0	0	0	0	-1.55	-1.54	2	2	0	1500	1500	0
12/11/2023 5:17	43402 BENT_T1	0	0	0	0	0	0	-1.55	-1.54	2	2	0	1500	1500	0
12/11/2023 5:18	43402 BENT_T1	0	0	0	0	0	0	-1.55	-1.54	2	2	0	1500	1500	0
12/11/2023 5:19	43402 BENT_T1	0	0	0	0	0	0	-1.55	-1.54	2	2	0	1500	1500	0
12/11/2023 5:20	43402 BENT_T1	0	0	0	0	0	0	-1.55	-1.54	2	2	0	1500	1500	0
12/11/2023 5:21	43402 BENT_T1	0	0	0	0	0	0	-1.55	-1.54	2	2	0	1500	1500	0
12/11/2023 5:22	43402 BENT_T1	0	0	0	0	0	0	-1.55	-1.54	2	2	0	1500	1500	0
12/11/2023 5:23	43402 BENT_T1	0	0	0	0	0	0	-1.55	-1.54	2	2	0	1500	1500	0
12/11/2023 5:24	43402 BENT_T1	0	0	0	0	0	0	-1.54	-1.54	2	2	0	1500	1500	0
12/11/2023 5:29	43402 BENT_T1	0	0	0	0	0	0	-1.54	-1.54	2	2	0	1500	1500	0
12/11/2023 5:30	43402 BENT_T1	0	0	0	0	0	0	-1.54	-1.54	2	2	0	1500	1500	0
12/11/2023 5:31	43402 BENT_T1	0	0	0	0	0	0	-1.54	-1.54	2	2	0	1500	1500	0
12/11/2023 5:32	43402 BENT_T1	0	0	0	0	0	0	-1.54	-1.54	2	2	0	1500	1500	0
12/11/2023 5:33	43402 BENT_T1	0	0	0	0	0	0	-1.54	-1.54	2	2	0	1500	1500	0
12/11/2023 5:34	43402 BENT_T1	0	0	0	0	0	0	-1.54	-1.54	2	2	0	1500	1500	0
12/11/2023 5:35	43402 BENT_T1	0	0	0	0	0	0	-1.54	-1.54	2	2	0	1500	1500	0
12/11/2023 5:36	43402 BENT_T1	0	0	0	0	0	0	-1.54	-1.54	2	2	0	1500	1500	0
12/11/2023 5:37	43402 BENT_T1	0	0	0	0	0	0	-1.54	-1.54	2	2	0	1500	1500	0
12/11/2023 5:38	43402 BENT_T1	0	0	0	0	0	0	-1.54	-1.54	2	2	0	1500	1500	0
12/11/2023 5:39	43402 BENT_T1	0	0	0	0	0	0	-1.54	-1.53	2	2	0	1500	1500	0
12/11/2023 5:40	43402 BENT_T1	0	0	0	0	0	0	-1.54	-1.53	2	2	0	1500	1500	0
12/11/2023 5:41	43402 BENT_T1	0	0	0	0	0	0	-1.54	-1.53	2	2	0	1500	1500	0
12/11/2023 5:42	43402 BENT_T1	0	0	0	0	0	0	-1.54	-1.53	2	2	0	1500	1500	0
12/11/2023 5:43	43402 BENT_T1	0	0	0	0	0	0	-1.54	-1.53	2	2	0	1500	1500	0
12/11/2023 5:45	43402 BENT_T1	0	0	0	0	0	0	-1.54	-1.53	2	2	0	1500	1500	0
12/11/2023 5:46	43402 BENT_T1	0	0	0	0	0	0	-1.54	-1.53	2	2	0	1500	1500	0
12/11/2023 5:47	43402 BENT_T1	0	0	0	0	0	0	-1.54	-1.53	2	2	0	1500	1500	0
12/11/2023 5:48	43402 BENT_T1	0	0	0	0	0	0	-1.54	-1.53	2	2	0	1500	1500	0
12/11/2023 5:49	43402 BENT_T1	0	0	0	0	0	0	-1.54	-1.53	2	2	0	1500	1500	0
12/11/2023 5:50	43402 BENT_T1	0	0	0	0	0	0	-1.54	-1.53	2	2	0	1500	1500	0
12/11/2023 5:51	43402 BENT_T1	0	0	0	0	0	0	-1.54	-1.53	2	2	0	1500	1500	0
12/11/2023 5:52	43402 BENT_T1	0	0	0	0	0	0	-1.54	-1.53	2	2	0	1500	1500	0
12/11/2023 5:53	43402 BENT_T1	0	0	0	0	0	0	-1.53	-1.53	2	2	0	1500	1500	0
12/11/2023 5:54	43402 BENT_T1	0	0	0	0	0	0	-1.53	-1.53	2	2	0	1500	1500	0
12/11/2023 5:55	43402 BENT_T1	0	0	0	0	0	0	-1.53	-1.53	2	2	0	1500	1500	0
12/11/2023 5:56	43402 BENT_T1	0	0	0	0	0	0	-1.53	-1.53	2	2	0	1500	1500	0
12/11/2023 5:57	43402 BENT_T1	0	0	0	0	0	0	-1.53	-1.53	2	2	0	1500	1500	0
12/11/2023 5:58	43402 BENT_T1	0	0	0	0	0	0	-1.53	-1.53	2	2	0	1500	1500	0
12/11/2023 5:59	43402 BENT_T1	0	0	0	0	0	0	-1.53	-1.53	2	2	0	1500	1500	0
12/11/2023 6:00	43402 BENT_T1	0	0	0	0	0	0	-1.53	-1.53	2	2	0	1500	1500	0
12/11/2023 6:01	43402 BENT_T1	0	0	0	0	0	0	-1.53	-1.53	2	2	0	1500	1500	0
12/11/2023 6:02	43402 BENT_T1	0	0	0	0	0	0	-1.53	-1.53	2	2	0	1500	1500	0
12/11/2023 6:03	43402 BENT_T1	0	0	0	0	0	0	-1.53	-1.53	2	2	0	1500	1500	0
12/11/2023 6:05	43402 BENT_T1	0	0	0	0	0	0	-1.53	-1.53	2	2	0	1500	1500	0
12/11/2023 6:06	43402 BENT_T1	0	0	0	0	0	0	-1.53	-1.53	2	2	0	1500	1500	0
12/11/2023 6:07	43402 BENT_T1	0	0	0	0	0	0	-1.53	-1.53	2	2	0	1500	1500	0
12/11/2023 6:08	43402 BENT_T1	0	0	0	0	0	0	-1.53	-1.53	2	2	0	1500	1500	0
12/11/2023 6:09	43402 BENT_T1	0	0	0	0	0	0	-1.53	-1.53	2	2	0	1500	1500	0
12/11/2023 6:10	43402 BENT_T1	0	0	0	0	0	0	-1.53	-1.53	2	2	0	1500	1500	0
12/11/2023 6:11	43402 BENT_T1	0	0	0	0	0	0	-1.53	-1.53	2	2	0	1500	1500	0
12/11/2023 6:12	43402 BENT_T1	0	0	0	0	0	0	-1.53	-1.53	2	2	0	1500	1500	0
12/11/2023 6:13	43402 BENT_T1	0	0	0	0	0	0	-1.53	-1.53	2	2	0	1500	1500	0
12/11/2023 6:13	65001 NEFF_T2	0	0	0	0	0	0	-1	-0.9	1	1	0	1200	1200	0
12/11/2023 6:14	43402 BENT_T1	0	0	0	0	0	0	-1.53	-1.53	2	2	0	1500	1500	0
12/11/2023 6:15	43402 BENT_T1	0	0	0	0	0	0	-1.53	-1.53	2	2	0	1500	1500	0
12/11/2023 6:16	43402 BENT_T1	0	0	0	0	0	0	-1.53	-1.53	2	2	0	1500	1500	0
12/11/2023 6:17	43402 BENT_T1	0	0	0	0	0	0	-1.53	-1.53	2	2	0	1500	1500	0
12/11/2023 6:18	43402 BENT_T1	0	0	0	0	0	0	-1.53	-1.53	2	2	0	1500	1500	0
12/11/2023 6:19	43402 BENT_T1	0	0	0	0	0	0	-1.53	-1.53	2	2	0	1500	1500	0
12/11/2023 6:20	43402 BENT_T1	0	0	0	0	0	0	-1.53	-1.53	2	2	0	1500	1500	0
12/11/2023 6:21	43402 BENT_T1	0	0	0	0	0	0	-1.53	-1.53	2	2	0	1500	1500	0
12/11/2023 6:22	43402 BENT_T1	0	0	0	0	0	0	-1.53	-1.53	2	2	0	1500	1500	0
12/11/2023 6:23	43402 BENT_T1	0	0	0	0	0	0	-1.53	-1.53	2	2	0	1500	1500	0
12/11/2023 6:24	43402 BENT_T1	0	0	0	0	0	0	-1.53	-1.5	2	2	0	1500	1500	0
12/11/2023 6:29	43402 BENT_T1	0	0	0	0	0	0	-1.53	-1.5	2	2	0	1500	1500	0
12/11/2023 6:30	43402 BENT_T1	0	0	0	0	0	0	-1.53	-1.5	2	2	0	1500	1500	0
12/11/2023 6:31	43402 BENT_T1	0	0	0

12/11/2023 7:15	43402 BENT_T1	0	0	0	0	0	0	-1.53	-1.53	2	2	0	1500	1500	0
12/11/2023 7:16	43402 BENT_T1	0	0	0	0	0	0	-1.53	-1.53	2	2	0	1500	1500	0
12/11/2023 7:17	43402 BENT_T1	0	0	0	0	0	0	-1.53	-1.53	2	2	0	1500	1500	0
12/11/2023 7:18	43402 BENT_T1	0	0	0	0	0	0	-1.53	-1.53	2	2	0	1500	1500	0
12/11/2023 7:19	43402 BENT_T1	0	0	0	0	0	0	-1.53	-1.53	2	2	0	1500	1500	0
12/11/2023 7:20	43402 BENT_T1	0	0	0	0	0	0	-1.53	-1.53	2	2	0	1500	1500	0
12/11/2023 7:21	43402 BENT_T1	0	0	0	0	0	0	-1.53	-1.53	2	2	0	1500	1500	0
12/11/2023 7:22	43402 BENT_T1	0	0	0	0	0	0	-1.53	-1.53	2	2	0	1500	1500	0
12/11/2023 7:22	65001 NEFF_T2	0	0	0	0	0	0	-0.76	-0.65	1	1	0	1200	1200	0
12/11/2023 7:23	43402 BENT_T1	0	0	0	0	0	0	-1.53	-1.54	2	2	0	1500	1500	0
12/11/2023 7:24	43402 BENT_T1	0	0	0	0	0	0	-1.53	-1.54	2	2	0	1500	1500	0
12/11/2023 7:29	43402 BENT_T1	0	0	0	0	0	0	-1.53	-1.54	2	2	0	1500	1500	0
12/11/2023 7:30	43402 BENT_T1	0	0	0	0	0	0	-1.53	-1.54	2	2	0	1500	1500	0
12/11/2023 7:31	43402 BENT_T1	0	0	0	0	0	0	-1.53	-1.54	2	2	0	1500	1500	0
12/11/2023 7:32	43402 BENT_T1	0	0	0	0	0	0	-1.53	-1.54	2	2	0	1500	1500	0
12/11/2023 7:33	43402 BENT_T1	0	0	0	0	0	0	-1.53	-1.54	2	2	0	1500	1500	0
12/11/2023 7:34	43402 BENT_T1	0	0	0	0	0	0	-1.53	-1.54	2	2	0	1500	1500	0
12/11/2023 7:35	43402 BENT_T1	0	0	0	0	0	0	-1.53	-1.54	2	2	0	1500	1500	0
12/11/2023 7:36	43402 BENT_T1	0	0	0	0	0	0	-1.53	-1.54	2	2	0	1500	1500	0
12/11/2023 7:37	43402 BENT_T1	0	0	0	0	0	0	-1.53	-1.54	2	2	0	1500	1500	0
12/11/2023 7:38	43402 BENT_T1	0	0	0	0	0	0	-1.53	-1.54	2	2	0	1500	1500	0
12/11/2023 7:39	43402 BENT_T1	0	0	0	0	0	0	-1.54	-1.54	2	2	0	1500	1500	0
12/11/2023 7:40	43402 BENT_T1	0	0	0	0	0	0	-1.54	-1.54	2	2	0	1500	1500	0
12/11/2023 7:41	43402 BENT_T1	0	0	0	0	0	0	-1.54	-1.54	2	2	0	1500	1500	0
12/11/2023 7:42	43402 BENT_T1	0	0	0	0	0	0	-1.54	-1.54	2	2	0	1500	1500	0
12/11/2023 7:43	43402 BENT_T1	0	0	0	0	0	0	-1.54	-1.54	2	2	0	1500	1500	0
12/11/2023 7:45	43402 BENT_T1	0	0	0	0	0	0	-1.54	-1.54	2	2	0	1500	1500	0
12/11/2023 7:46	43402 BENT_T1	0	0	0	0	0	0	-1.54	-1.54	2	2	0	1500	1500	0
12/11/2023 7:47	43402 BENT_T1	0	0	0	0	0	0	-1.54	-1.54	2	2	0	1500	1500	0
12/11/2023 7:48	43402 BENT_T1	0	0	0	0	0	0	-1.54	-1.54	2	2	0	1500	1500	0
12/11/2023 7:49	43402 BENT_T1	0	0	0	0	0	0	-1.54	-1.54	2	2	0	1500	1500	0
12/11/2023 7:50	43402 BENT_T1	0	0	0	0	0	0	-1.54	-1.54	2	1	-1	1500	900	-600
12/11/2023 7:51	43402 BENT_T1	0	0	0	0	0	0	-1.54	-1.54	2	1	-1	1500	900	-600
12/11/2023 7:52	43402 BENT_T1	0	0	0	0	0	0	-1.54	-1.54	2	1	-1	1500	900	-600
12/11/2023 7:53	43402 BENT_T1	0	0	0	0	0	0	-1.54	-0.9	2	1	-1	1500	900	-600
12/11/2023 7:53	65004 NEFF_T2	0	1	1	0	0	0	0	0	0	0	0	0	0	0
12/11/2023 7:54	45501 DERR_T2	0	0	0	0	0	0	0.31	0.44	2	2	0	1800	1800	0
12/11/2023 7:54	43402 BENT_T1	0	0	0	0	0	0	-1.54	-0.9	2	1	-1	1500	900	-600
12/11/2023 7:55	43402 BENT_T1	0	0	0	0	0	0	-1.54	-0.9	2	1	-1	1500	900	-600
12/11/2023 7:56	43402 BENT_T1	0	0	0	0	0	0	-1.54	-0.9	2	1	-1	1500	900	-600
12/11/2023 7:57	43402 BENT_T1	0	0	0	0	0	0	-1.54	-0.9	2	1	-1	1500	900	-600
12/11/2023 7:58	43402 BENT_T1	0	0	0	0	0	0	-1.54	-0.9	2	1	-1	1500	900	-600
12/11/2023 7:59	43402 BENT_T1	0	0	0	0	0	0	-1.54	-0.9	2	1	-1	1500	900	-600
12/11/2023 8:00	43402 BENT_T1	0	0	0	0	0	0	-1.54	-0.9	2	1	-1	1500	900	-600
12/11/2023 8:01	43402 BENT_T1	0	0	0	0	0	0	-1.54	-0.9	2	1	-1	1500	900	-600
12/11/2023 8:02	43402 BENT_T1	0	0	0	0	0	0	-1.54	-0.9	2	1	-1	1500	900	-600
12/11/2023 8:03	43402 BENT_T1	0	0	0	0	0	0	-1.54	-0.9	2	1	-1	1500	900	-600
12/11/2023 8:05	43402 BENT_T1	0	0	0	0	0	0	-1.54	-0.9	1	1	0	900	900	0
12/11/2023 8:05	40101 HUNT_T2	151	327	176	0.5	0.72	0.22	-0.38	-0.23	0	0	0	0	0	0
12/11/2023 8:06	43402 BENT_T1	0	0	0	0	0	0	-1.54	-0.9	1	1	0	900	900	0
12/11/2023 8:07	43402 BENT_T1	0	0	0	0	0	0	-1.54	-0.9	1	1	0	900	900	0
12/11/2023 8:08	52404 GRPA_T2	0	1	1	0	0	0	0.75	0.7	0	0	0	0	0	0
12/11/2023 8:08	43402 BENT_T1	0	0	0	0	0	0	-1.54	-0.89	1	1	0	900	900	0
12/11/2023 8:09	43402 BENT_T1	0	0	0	0	0	0	-0.9	-0.89	1	1	0	900	900	0
12/11/2023 8:09	45501 DERR_T2	0	0	0	0	0	0	0.44	0.58	2	2	0	1800	1800	0
12/11/2023 8:10	52404 GRPA_T2	0	1	1	0	0	0	0.75	0.7	0	0	0	0	0	0
12/11/2023 8:10	43402 BENT_T1	0	0	0	0	0	0	-0.9	-0.89	1	1	0	900	900	0
12/11/2023 8:11	43402 BENT_T1	0	0	0	0	0	0	-0.9	-0.89	1	1	0	900	900	0
12/11/2023 8:12	43402 BENT_T1	0	0	0	0	0	0	-0.9	-0.89	1	1	0	900	900	0
12/11/2023 8:13	43402 BENT_T1	0	0	0	0	0	0	-0.9	-0.89	1	1	0	900	900	0
12/11/2023 8:14	43402 BENT_T1	0	0	0	0	0	0	-0.9	-0.89	1	1	0	900	900	0
12/11/2023 8:15	43402 BENT_T1	0	1	1	0	0	0	-0.9	-0.89	1	1	0	900	900	0
12/11/2023 8:16	43402 BENT_T1	0	1	1	0	0	0	-0.9	-0.89	1	1	0	900	900	0
12/11/2023 8:17	43402 BENT_T1	0	1	1	0	0	0	-0.9	-0.89	1	1	0	900	900	0
12/11/2023 8:18	43402 BENT_T1	0	1	1	0	0	0	-0.9	-0.89	1	1	0	900	900	0
12/11/2023 8:19	43402 BENT_T1	0	1	1	0	0	0	-0.9	-0.89	1	1	0	900	900	0
12/11/2023 8:19	65001 NEFF_T2	0	0	0	0	0	0	-0.61	-0.58	1	1	0	1200	1200	0
12/11/2023 8:20	43402 BENT_T1	0	1	1	0	0	0	-0.9	-0.89	1	1	0	900	900	0
12/11/2023 8:21	43402 BENT_T1	0	1	1	0	0	0	-0.9	-0.89	1	1	0	900	900	0
12/11/2023 8:22	43402 BENT_T1	0	1	1	0	0	0	-0.9	-0.89	1	1	0	900	900	0
12/11/2023 8:23	43402 BENT_T1	0	1	1	0	0	0	-0.9	-0.85	1	1	0	900	900	0
12/11/2023 8:24	49803 UNIV_T1	0	0	0	0	0	0	-1.1	-1.07	0	0	0	0	0	0
12/11/2023 8:24	43402 BENT_T1	0	1	1	0	0	0	-0.89	-0.85	1	1	0	900	900	0
12/11/2023 8:28	54501 ENOL_T2	0	0	0	0	0	0	-0.51	-0.41	1	1	0	600	600	0
12/11/2023 8:29	43402 BENT_T1	0	1	1	0	0	0	-0.89	-0.85	1	1	0	900	900	0
12/11/2023 8:30	43402 BENT_T1	0	3	3	0	0.2	0.2	-0.89	-0.85	1	1	0	900	900	0
12/11/2023 8:31	43402 BENT_T1	0	3	3	0	0.2	0.2	-0.89	-0.85	1	1	0	900	900	0
12/11/2023 8:32	43402 BENT_T1	0	3	3	0	0.2	0.2	-0.89	-0.85	1	1	0	900	900	0
12/11/2023 8:33	43402 BENT_T1	0	3	3	0	0.2	0.2	-0.89	-0.85	1	1	0	900	900	0
12/11/2023 8:33	55001 NEWP_T1	1	0	-1	0.1	0	-0.1	0	0	0	0	0	0	0	0
12/11/2023 8:34	43402 BENT_T1	0	3	3	0	0.2	0.2	-0.89	-0.85	1	1	0	900	900	0
12/11/2023 8:35	43402 BENT_T1	0	3	3	0	0.2	0.2	-0.89	-0.85	1	1	0	900	900	0
12/11/2023 8:36	43402 BENT_T1	0	3	3	0	0.2	0.2	-0.89	-0.85	1	1	0	900	900	0
12/11/2023 8:36	13903 SEID_T1	1	0	0	0.8	0	-0.8	0	0	0	0	0	0	0	0
12/11/2023 8:37	43402 BENT_T1	0	3	3	0	0.2	0.2	-0.89	-0.85	1	1	0	900	900	0
12/11/2023 8:38	43402 BENT_T1	0	3	3	0	0.2	0.2	-0.85	-0.74	1	1	0	900	900	0
12/11/2023 8:38	67103 SPRI_T1	0	0	0	0	0	0	-0.08	-0.03	0	0	0	0	0	0
12/11/2023 8:39	43402 BENT_T1	0	3	3	0	0.2	0.2	-0.85	-0.74	1	1	0	900	900	0
12/11/2023 8:40	43402 BENT_T1	0	3	3	0	0.2	0.2	-0.85	-0.74	1	1	0	900	900	0
12/11/2023 8:41	43402 BENT_T1	0	3	3	0	0.2	0.2	-0.85	-0.74	1	1	0	900	900	0
12/11/2023 8:42	43402 BENT_T1	0	3	3	0	0.2	0.2	-0.85	-0.74	1	1	0	900	900	0
12/11/2023 8:42	53601 DALM_T2	0	1	1	0	0.5	0.5	-0.46	-0.43	1	1	0	900	900	0
12/11/2023 8:43	43402 BENT_T1	0	3	3	0	0.2	0.2	-0.85	-0.74	1	1	0	900	900	0
12/11/2023 8:45	43402 BENT_T1	1	3	2	0.2	0.27	0.07	-0.85	-0.74	1	1	0	900	900	0
12/11/2023 8:46	43402 BENT_T1	1	3	2	0.2	0.27	0.07	-0.85	-0.74	1	1	0	900	900	0
12/11/2023 8:47	43402 BENT_T1	1	3	2	0.2	0.27	0.07	-0.85	-0.74	1	1	0	900	900	0
12/11/2023 8:48	43401 BENT_T1	0	1	1	0	0	0	0	0	0	0	0	0	0	0
12/11/2023 8:49	43401 BENT_T1	0	1	1	0	0	0	0	0	0	0	0	0	0	0
12/11/2023 8:50	43401 BENT_T1	0	1	1	0	0	0	0	0	0	0	0	0	0	0
12/11/2023 8:51	43402 BENT_T1	1	3	2	0.2	0.27	0.07	-0.85	-0.74	1	2	1	900	1500	600
12/11/2023 8:52	43402 BENT_T1	1	3	2	0.2	0.27	0.07	-0.85	-0.74	1	2	1	900	1500	600
12/11/2023 8:53	43402 BENT_T1	1	3	2	0.2	0.27	0.07	-0.74	-1.32	1	2	1	900	1500	600
12/11/2023 8:54	43402 BENT_T1	1	3	2	0.2	0.27	0.07	-0.74	-1.32	1	2	1	900	1500	600
12/11/2023 8:55	43401 BENT_T1	0	1	1	0	0	0	0	0	0	0	0	0	0	0
12/11/2023 8:56	43402 BENT_T1	1	3	2	0.2	0.27	0.07	-0.74	-1.32	1	2	1	900	1500	600
12/11/2023 8:56	63803 HEMP_T1	1	8	7	0.1	0.11	0.01	0	0	0	0	0	0	0	0
12/11/2023 8:57	43401 BENT_T1	0	1	1	0	0	0	0	0	0	0	0	0	0	0
12/11/2023 8:58	43402 BENT_T1	1	3	2	0.2	0.27	0.07	-0.74	-1.32	1	2	1	900	1500	600
12/11/2023 8:59	43402 BENT_T1	1	3	2	0.2	0.27	0.07	-0.74	-1.32	1	2	1	900	1500	600
12/11/2023 9:00	16103 BING_T2	0	1	1	0	0	0	0	0	0	0	0	0	0	0
12/11/2023 9:00	53903 HALI_T2	2	2	0	0.4	1	0.6	-0.23	-0.25	0	0	0	0	0	0
12/11/2023 9:00	46004 BERW_T2	0	0	0	0	0	0	-0.43	-0.38	0	0	0	0	0	0
12/11/2023 9:00	67502 WEWI_T2	0	6	6	0	0.15	0.15	0	0	0	0	0	0	0	0
12/11/2023 9:00	43401 BENT_T1	0	1	1	0	0	0	0	0	0	0	0	0	0	0
12/11/2023 9:00	56501 ROCK_T2	7	17	10	0.49	0.29	-0.2	-1.39	-1.44	0	0	0	0	0	0
12/11/2023 9:00	47101 MARL_T1	0	0	0	0	0	0	-0.14	-0.06	0	0	0	0	0	0
12/11/2023 9:00	67103 SPRI_T1	0	0	0	0	0	0	0	-0.05	0	0	0	0	0	0
12/11/2023 9:00	23401 HONE_T2	0	1	1	0	0	0	0.09	0.61	0	0	0	0	0	0
12/11/2023 9:01	61302 EARL_T1	1	1	0	1.5	0	-1.5	0	0	0	0	0	0	0	0
12/11/2023 9:01	55002 NEWP_T1	7	6	-1	0.89	0.87	-0.02	-0.21	-0.21	0	0	0	0	0	0
12/11/2023 9:06	55105 WERT_T1	0	0	0	0	0	0	-0.53	-0.56	1	1	0	900	900	0
12/11/2023 9:06	67503 WEWI_T2	0	0	0	0	0	0	-0.05	-0.08	0	0	0	0	0	0
12/11/2023 9:07	67103 SPRI_T1	0	0	0	0	0	0	0	-0.05	0	0	0	0	0	0
12/11/2023 9:07	13901 SEID_T1	0	0	0	0	0	0	0.25	0.24	0	0	0	0	0	0
12/11/2023 9:08	45501 DERR_T2	0	0	0	0	0	0	0.83	0.78	2	2	0	1800	1800	0
12/11/2023 9:10	45501 DERR_T2	0	0	0	0	0	0	0.83	0.78	2	2	0	1800	1800	0
12/11/2023 9:11	43401 BENT_T1	0	1	1	0	0	0	0	0	0	0	0	0	0	0
12/11/2023 9:12	43402 BENT_T1	3	3	0	1.03	0	-1.03	-1.32	-1.3	2	2	0	1500	1500	0
12/11/2023 9:12	56802 BENV_T2	4	19	15	0.43	0.25	-0.18	-1.3	-1.29	0	0	0	0	0	0
12/11/2023 9:13	14403 SSLA_T1	0	0	0	0	0	0	1.04	1.03	0	0	0	0	0	0
12/11/2023 9:14	14401 SSLA_T1	0	1	1	0	0	0	0	0	0	0	0	0	0	0
12/11/2023 9:14	52402 GRPA_T2	1	7	6	3.8	1.06	-2.74	-1.77	-1.79	0	0	0	0	0	0
12/11/2023 9:20	55002 NEWP_T1	6	7	1	0.77	1.02	0.25	-0.21	-0.18	0	0	0	0	0	0
12/11/2023 9:21	47403 PENS_T1	1	1	0	1.3	1.4	0.1	0	0	0	0	0	0	0	0
12/11/2023 9:23	49803 UNIV_T1	0	0	0	0	0	0	-1.12	-1.12	0	0	0	0	0	0
12/11/2023 9:24	28604 BLYT_T2	0	0	0	0	0	0	-1.31	-1.31	0	0	0	0	0	0
12/11/2023 9:34	41801 GOCI_T2	0	1	1	0	0.5	0.5	0	0	0	0	0	0	0	0
12/11/2023 9:35	67204 TEHI_T2	0	0	0	0	0	0	0	0.03	0	0	0	0	0	0
12/11/2023 9:36	41801 GOCI_T2	0	1	1	0	0.5	0.5	0	0	0	0	0	0	0	0
12/11/2023 9:37	56802 BENV_T2	18	31	13	0.24	0.18	-0.06	-1.29	-1.25	0	0	0	0	0	0
12/11/2023 9:37	40201 BEGA_T2	1	1	0	0.6	0	-0.6	0	0	0	0	0	0	0	0
12/11/2023 9:38	67202 TEHI_T2	0	2	2	0	0	0	0	0	0	0	0	0	0	0
12/11/2023 9:38	29402 BELT_T1	1	1	0	6.9	7.3	0.4	0	0	0	0	0	0	0	0
12/11/2023 9:39	56802 BENV_T2	18	31	13	0.24	0.18	-0.06	-1.25	-2.54	0	0	0	0	0	0
12/11/2023 9:40	56802 BENV_T2	18	31	13	0.24	0.18	-0.06	-1.25	-1.27	0	0	0	0	0	0
12/11/2023 9:41	56802 BENV_T2	18	31	13	0.24	0.18	-0.06	-1.25	-1.27	0	0	0	0	0	0
12/11/2023 9:41	10805 CHHI_T2	6	9	3	1.48	1.62	0.14	-0.31	-0.73	1	1	0	600	600	0
12/11/2023 9:42	56802 BENV_T2	18	31	13	0.24	0.18	-0.06	-2.5	-2.54	0	0	0	0	0	0
12/11/2023 9:45	50201 HARR_T3	1	1	0	6.9	7.3	0.4	0.57	0.57	0	0	0	0	0	0
12/11/2023 9:45	41902 REED_T1	3	3	0	0.7	0.2	-0.5	1.21	1.2	0	0	0	0	0	0
12/11/2023 9:45	58402 MORO_T1	0	0	0	0	0	0	-1.81	-1.83	6	6	0	4800	4800	0
12/11/2023 9:46	41902 REED_T1	3	3	0	0.7	0.2	-0.5	1.21	1.2	0	0	0	0	0	0
12/11/2023 9:46	56501 ROCK_T2	0	3	3	0	0	0	0	0	0	0	0	0	0	0
12/11/2023 9:49	67001 STHI_T2	192	446	254	0.12	0.17	0.05	0	0	0	0	0	0	0	0
12/11/2023 9:49	58402 MORO_T1	0	0	0	0	0	0	-0.91	-0.91	3	3	0	2400	2400	0
12/11/2023 9:50	59101 WALK_T2	1	1	0	0	0	0	2.07	2.54	0	0	0	0	0	0
12/11/2023 9:50	43201 MVIL_T2	0	0	0	0	0	0	-1.25	-1.28	0	0	0	0	0	0
12/11/2023 9:50	43304 WATS_T2	0	0	0	0	0	0	-0.48	-0.5	0	0	0	0	0	0
12/11/2023 9:51	67001 STHI_T2	192	446	254	0.12	0.17	0.05	0	0	0	0	0	0	0	0
12/11/2023 9:52	43001 ALWD_T1	0	0	0	0	0	0	0	0	1	1	0	1200	1200	0
12/11/2023 9:53	43304 WATS_T2	0	0	0	0	0	0	-0.25	-0.24	0	0	0	0	0	0
12/11/2023 9:53	66503 SMAN_T2	0	7	7	0	0.17	0.17	0	0	0	0	0	0	0	0
12/11/2023 9:53	59101 WALK_T2	1	1	0	0	0	0	2.54	2.11	0	0	0	0	0	0
12/11/2023 9:53	67303 WYOM_T2	0	1	1	0	0.3	0.3	-0.19	-0.21	0	0	0	0	0	0
12/11/2023 9:54	67605 WARW_T1	3	11	8	0.5	0.22	-0.28	-0.89	-1.1	0	0	0	0	0	0
12/11/2023 9:54	59101 WALK_T2	1	1	0	0	0	0	2.54	2.11	0	0	0	0	0	0
12/11/2023 9:55	59101 WALK_T2	1	1	0	0	0	0	2.54	2.11	0	0	0	0	0	0
12/11/2023 9:55	52402 GRPA_T2	4	8	4	1.43	1	-0.43	0	0	0	0	0	0	0	0
12/11/2023 9:58	40101 HUNT_T2	151	309	158	0.45	0.58	0.13	-0.27	-0.26	0	0	0	0	0	0
12/11/2023 9:59	52401 GRPA_T2	1	1	0	1	1	0	0	0	0	0	0	0	0	0
12/11/2023 9:59	59003 MIFF_T1	0	0	0	0	0	0	-2	-1.74	0	0	0	0	0	0
12/11/2023 10:00	63601 LETO_T1	1	1	0	0.1	0.1	0	1.71	1.72	0	0	0	0	0	0
12/11/2023 10:02	63601 LETO_T1	1	1	0	0.1	0.1	0	0	0	0	0	0	0	0	0
12/11/2023 10:03	44201 POIN_T1	0	0	0	0	0	0	0.13	-0.02	1	1	0	900	900	0
12/11/2023 10:04	57403 SPAN_T1	0	22	22	0	0.28	0.28	0	0	0	0	0	0	0	0
12/11/2023 10:04	54001 SDLE_T1	5	5	0	0.7	0.66	-0.04	0	0	0	0	0	0	0	0
12/11/2023 10:04	44201 POIN_T1	0	0	0	0	0	0	0.13	-0.02	1	1	0	900	900	0
12/11/2023 10:05	67602 WARW_T2	1	2	1	0.2	1.3	1.1	1.59	1.59	0	0	0	0	0	0
12/11/2023 10:05	43304 WATS_T2	0	0	0	0	0	0	-0.25	-0.24	0	0

12/11/2023 10:29	16402 MOPO_T1	0	29	29	0	0	0	0.21	0.16	0	0	0	0	0	0
12/11/2023 10:29	53903 HALI_T2	2	2	0	0.85	1.1	0.25	-0.11	-0.12	0	0	0	0	0	0
12/11/2023 10:29	45802 HEGI_T2	0	0	0	0	0	0	0.3	0.38	1	1	0	900	900	0
12/11/2023 10:30	23102 MOSC_T2	0	0	0	0	0	0	0	0	1	1	0	1200	1200	0
12/11/2023 10:31	53903 HALI_T2	2	2	0	1.1	1	-0.1	-0.11	-0.12	0	0	0	0	0	0
12/11/2023 10:34	44201 POIN_T1	0	0	0	0	0	0	0.13	-0.45	1	1	0	900	900	0
12/11/2023 10:34	67002 STHI_T2	237	147	-90	0.18	0.17	-0.01	0.68	0.68	0	0	0	0	0	0
12/11/2023 10:35	67002 STHI_T2	237	147	-90	0.18	0.17	-0.01	0.68	0.68	0	0	0	0	0	0
12/11/2023 10:36	67503 WEWI_T2	0	0	0	0	0	0	-0.16	-0.3	0	0	0	0	0	0
12/11/2023 10:36	67503 WEWI_T2	0	0	0	0	0	0	-0.16	-0.3	0	0	0	0	0	0
12/11/2023 10:36	67001 STHI_T2	534	520	-14	0.25	0.2	-0.05	0	0	0	0	0	0	0	0
12/11/2023 10:36	44201 POIN_T1	0	0	0	0	0	0	0.13	-0.45	1	1	0	900	900	0
12/11/2023 10:37	44301 BEAV_T2	1	2	1	0.5	0.4	-0.1	0.4	0.72	2	2	0	1500	1500	0
12/11/2023 10:37	67001 STHI_T2	534	520	-14	0.25	0.2	-0.05	0	0	0	0	0	0	0	0
12/11/2023 10:37	56802 BENV_T2	35	67	32	0.2	0.2	0	-1.29	-1.26	0	0	0	0	0	0
12/11/2023 10:38	67001 STHI_T2	534	520	-14	0.25	0.2	-0.05	0	0	0	0	0	0	0	0
12/11/2023 10:38	56801 BENV_T1	17	13	-4	0.85	0.45	-0.4	-0.68	-0.66	1	1	0	600	600	0
12/11/2023 10:38	44301 BEAV_T2	1	2	1	0.5	0.4	-0.1	0.72	0.45	2	2	0	1500	1500	0
12/11/2023 10:38	67502 WEWI_T2	1	1	0	0.6	0.2	-0.4	-0.09	-0.1	0	0	0	0	0	0
12/11/2023 10:39	43001 ALWD_T1	0	0	0	0	0	0	0	0	1	1	0	1200	1200	0
12/11/2023 10:39	56802 BENV_T2	35	67	32	0.2	0.2	0	-1.26	-1.26	0	0	0	0	0	0
12/11/2023 10:40	67502 WEWI_T2	1	1	0	0.6	0.2	-0.4	0	0	0	0	0	0	0	0
12/11/2023 10:40	44301 BEAV_T2	1	2	1	0.5	0.4	-0.1	0.72	0.45	2	2	0	1500	1500	0
12/11/2023 10:40	56802 BENV_T2	35	67	32	0.2	0.2	0	-1.26	-1.26	0	0	0	0	0	0
12/11/2023 10:41	56801 BENV_T1	2	0	-2	0.5	0	-0.5	0	0	0	0	0	0	0	0
12/11/2023 10:41	52401 GRPA_T2	1	0	-1	0.4	0	-0.4	0	0	0	0	0	0	0	0
12/11/2023 10:42	67502 WEWI_T2	1	1	0	0.6	0.2	-0.4	-0.09	-0.1	0	0	0	0	0	0
12/11/2023 10:42	56802 BENV_T2	35	67	32	0.2	0.2	0	-1.26	-1.26	0	0	0	0	0	0
12/11/2023 10:44	54506 ENOL_T2	0	2	2	0	0	0	0	0	0	0	0	0	0	0
12/11/2023 10:44	40101 HUNT_T2	365	363	-2	0.83	0.58	-0.25	-0.25	-0.3	0	0	0	0	0	0
12/11/2023 10:45	14403 SSLA_T1	0	0	0	0	0	0	1.1	1.07	0	0	0	0	0	0
12/11/2023 10:46	64204 KINZ_T1	1	1	0	0.8	0.5	-0.3	0	0	0	0	0	0	0	0
12/11/2023 10:46	46801 HEPB_T2	1	1	0	0.1	0.1	0	0.65	0.68	0	0	0	0	0	0
12/11/2023 10:47	64204 KINZ_T1	1	1	0	0.8	0.5	-0.3	0	0	0	0	0	0	0	0
12/11/2023 10:47	40101 HUNT_T2	347	297	-50	0.82	0.59	-0.23	-0.25	-0.3	0	0	0	0	0	0
12/11/2023 10:50	59101 WALK_T2	1	1	0	0	0	0	1.82	2.46	0	0	0	0	0	0
12/11/2023 10:51	59101 WALK_T2	1	1	0	0	0	0	1.82	2.46	0	0	0	0	0	0
12/11/2023 10:52	44301 BEAV_T2	1	1	0	0.9	0.4	-0.5	0.72	0.45	2	2	0	1500	1500	0
12/11/2023 10:52	45402 WILO_T2	1	1	0	0.5	0.5	0	-0.68	-0.67	0	0	0	0	0	0
12/11/2023 10:52	56802 BENV_T2	19	64	45	0.24	0.19	-0.05	-2.52	-2.52	0	0	0	0	0	0
12/11/2023 10:53	67203 TEHI_T1	0	1	1	0	0	0	1.45	1.55	3	3	0	2100	2100	0
12/11/2023 10:53	44301 BEAV_T2	1	1	0	0.9	0.4	-0.5	0.45	0.46	2	2	0	1500	1500	0
12/11/2023 10:54	67502 WEWI_T2	1	0	-1	0.2	0	-0.2	0	0	0	0	0	0	0	0
12/11/2023 10:54	44301 BEAV_T2	1	1	0	0.9	0.4	-0.5	0.45	0.46	2	2	0	1500	1500	0
12/11/2023 10:55	46004 BERW_T2	1	1	0	0.5	0	-0.5	-0.37	-0.38	0	0	0	0	0	0
12/11/2023 10:57	52402 GRPA_T2	3	5	2	1.2	1.12	-0.08	0	0	0	0	0	0	0	0
12/11/2023 10:58	61801 EEU_T2	0	0	0	0	0	0	-0.27	-0.24	0	0	0	0	0	0
12/11/2023 10:59	64801 MONE_T2	0	0	0	0	0	0	0.41	0.4	0	0	0	0	0	0
12/11/2023 11:00	42903 MIDD_T2	0	0	0	0	0	0	0.56	0.58	1	1	0	1200	1200	0
12/11/2023 11:00	40101 HUNT_T2	276	291	15	0.62	0.58	-0.04	-0.3	-0.38	0	0	0	0	0	0
12/11/2023 11:01	40101 HUNT_T2	276	291	15	0.62	0.58	-0.04	-0.3	-0.38	0	0	0	0	0	0
12/11/2023 11:02	65004 NEFF_T2	0	1	1	0	0.1	0.1	0	0	0	0	0	0	0	0
12/11/2023 11:05	57401 SPAN_T1	2	3	1	0.75	0.55	-0.2	0	0	0	0	0	0	0	0
12/11/2023 11:06	41801 GOCI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/11/2023 11:06	66701 STRA_T1	0	1	1	0	1.3	1.3	0	0	0	0	0	0	0	0
12/11/2023 11:06	57401 SPAN_T1	2	3	1	0.75	0.55	-0.2	0	0	0	0	0	0	0	0
12/11/2023 11:06	40602 PIGR_T1	0	0	0	0	0	0	0	0	1	1	0	600	600	0
12/11/2023 11:06	29402 BELT_T1	2	1	-1	3.7	6.9	3.2	0	0	0	0	0	0	0	0
12/11/2023 11:07	41601 CLEV_T1	1	0	-1	0.3	0	-0.3	0	0	0	0	0	0	0	0
12/11/2023 11:07	65005 NEFF_T2	0	1	1	0	0.2	0.2	0	0	0	0	0	0	0	0
12/11/2023 11:07	52501 PROG_T1	0	0	0	0	0	0	0.3	0.33	1	1	0	300	300	0
12/11/2023 11:07	56802 BENV_T2	61	17	-44	0.19	0.19	0	-1.26	-1.23	0	0	0	0	0	0
12/11/2023 11:08	56802 BENV_T2	61	17	-44	0.19	0.19	0	-1.23	-1.26	0	0	0	0	0	0
12/11/2023 11:10	29402 BELT_T1	2	1	-1	3.7	6.9	3.2	0	0	0	0	0	0	0	0
12/11/2023 11:10	10805 CHHI_T2	6	6	0	1.72	8.3	6.58	-0.92	-0.96	1	1	0	600	600	0
12/11/2023 11:13	65003 NEFF_T2	1	3	2	0.1	0.23	0.13	0	0	0	0	0	0	0	0
12/11/2023 11:18	64101 REFR_T1	0	0	0	0	0	0	-0.13	-0.05	0	0	0	0	0	0
12/11/2023 11:18	63501 HEID_TBK1-2	1	4	3	1.1	0.23	-0.87	0.14	0.06	1	1	0	900	900	0
12/11/2023 11:19	41801 GOCI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/11/2023 11:20	64101 REFR_T1	0	0	0	0	0	0	-0.07	-0.05	0	0	0	0	0	0
12/11/2023 11:21	64101 REFR_T1	0	0	0	0	0	0	-0.2	-0.15	0	0	0	0	0	0
12/11/2023 11:21	63501 HEID_TBK1-2	1	4	3	1.1	0.23	-0.87	0.14	0.06	1	1	0	900	900	0
12/11/2023 11:22	60101 COCA_T1	2	4	2	2.3	0	-2.3	0.44	0.44	0	0	0	0	0	0
12/11/2023 11:22	64101 REFR_T1	0	0	0	0	0	0	-0.07	-0.05	0	0	0	0	0	0
12/11/2023 11:22	63501 HEID_TBK1-2	1	4	3	1.1	0.23	-0.87	0.14	0.06	1	1	0	900	900	0
12/11/2023 11:23	26401 INOR_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/11/2023 11:23	60101 COCA_T1	2	4	2	2.3	0	-2.3	0.44	0.47	0	0	0	0	0	0
12/11/2023 11:23	41801 GOCI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/11/2023 11:24	40502 CRES_T2	0	10	10	0	0.28	0.28	-0.44	-0.55	0	0	0	0	0	0
12/11/2023 11:24	27502 WEIS_T2	0	0	0	0	0	0	-0.4	-0.35	0	0	0	0	0	0
12/11/2023 11:24	40505 CRES_T1	0	0	0	0	0	0	0.47	0.53	0	0	0	0	0	0
12/11/2023 11:25	40502 CRES_T2	0	10	10	0	0.28	0.28	-0.44	-0.55	0	0	0	0	0	0
12/11/2023 11:25	60803 BUCK_T1	0	0	0	0	0	0	-1.55	-1.51	1	1	0	600	600	0
12/11/2023 11:26	40505 CRES_T1	0	0	0	0	0	0	0.47	0.53	0	0	0	0	0	0
12/11/2023 11:26	40502 CRES_T2	0	10	10	0	0.28	0.28	-0.29	-0.37	0	0	0	0	0	0
12/11/2023 11:27	44301 BEAV_T2	1	2	1	1.1	0.3	-0.8	0.56	0.57	2	2	0	1500	1500	0
12/11/2023 11:27	60803 BUCK_T1	0	0	0	0	0	0	-1.55	-1.51	1	1	0	600	600	0
12/11/2023 11:27	40502 CRES_T2	0	10	10	0	0.28	0.28	-0.29	-0.37	0	0	0	0	0	0
12/11/2023 11:27	40505 CRES_T1	0	0	0	0	0	0	0.95	1.07	0	0	0	0	0	0
12/11/2023 11:28	40502 CRES_T2	0	10	10	0	0.28	0.28	-0.15	-0.18	0	0	0	0	0	0
12/11/2023 11:29	40502 CRES_T2	0	10	10	0	0.28	0.28	-0.15	-0.18	0	0	0	0	0	0
12/11/2023 11:30	45702 LIND_T2	1	1	0	0.8	1.6	0.8	-0.42	-0.45	0	0	0	0	0	0
12/11/2023 11:30	27101 GFLD_T2	1	3	2	1.2	1.3	0.1	0.1	0.1	0	0	0	0	0	0
12/11/2023 11:32	47402 PENS_T1	118	120	2	1.92	3.91	1.99	0	0	0	0	0	0	0	0
12/11/2023 11:34	63501 HEID_TBK1-2	1	6	5	0.1	0.32	0.22	0.06	0.03	1	1	0	900	900	0
12/11/2023 11:34	13901 SEID_T1	0	0	0	0	0	0	0.23	0.24	0	0	0	0	0	0
12/11/2023 11:35	65001 NEFF_T2	0	0	0	0	0	0	-0.48	-0.42	1	1	0	1200	1200	0
12/11/2023 11:36	59101 WALK_T2	1	1	0	0	0	0	2.46	2.71	0	0	0	0	0	0
12/11/2023 11:37	61103 BERK_T5	1	0	-1	0.7	0	-0.7	0.13	0.1	0	0	0	0	0	0
12/11/2023 11:37	63501 HEID_TBK1-2	1	6	5	0.1	0.32	0.22	0.06	0.03	1	1	0	900	900	0
12/11/2023 11:37	59101 WALK_T2	1	1	0	0	0	0	2.46	2.71	0	0	0	0	0	0
12/11/2023 11:38	59101 WALK_T2	1	1	0	0	0	0	2.71	2.71	0	0	0	0	0	0
12/11/2023 11:38	63501 HEID_TBK1-2	1	6	5	0.1	0.32	0.22	0.06	0.03	1	1	0	900	900	0
12/11/2023 11:39	66504 SMAN_T2	3	0	-3	0.3	0	-0.3	0	0	0	0	0	0	0	0
12/11/2023 11:39	49803 UNIV_T1	0	0	0	0	0	0	-1.1	-1.13	0	0	0	0	0	0
12/11/2023 11:39	27502 WEIS_T2	0	0	0	0	0	0	-0.35	-0.37	0	0	0	0	0	0
12/11/2023 11:40	59101 WALK_T2	1	1	0	0	0	0	2.71	2.56	0	0	0	0	0	0
12/11/2023 11:41	14402 SSLA_T1	0	1	1	0	0	0	0	0	0	0	0	0	0	0
12/11/2023 11:41	61103 BERK_T5	1	0	-1	0.7	0	-0.7	0.1	0.09	0	0	0	0	0	0
12/11/2023 11:41	28604 BLYT_T2	0	0	0	0	0	0	-1.27	-1.29	0	0	0	0	0	0
12/11/2023 11:44	56501 ROCK_T2	1	5	4	0.2	0.2	0	0	0	0	0	0	0	0	0
12/11/2023 11:45	56504 ROCK_T2	0	0	0	0	0	0	-0.17	-0.11	0	0	0	0	0	0
12/11/2023 11:45	14401 SSLA_T1	0	1	1	0	0	0	0	0	0	0	0	0	0	0
12/11/2023 11:47	63601 LETO_T1	2	2	0	1.2	0.3	-0.9	0	0	0	0	0	0	0	0
12/11/2023 11:47	56501 ROCK_T2	2	5	3	0.35	0.1	-0.25	-0.81	-0.86	0	0	0	0	0	0
12/11/2023 11:47	42903 MIDD_T2	0	0	0	0	0	0	0.3	0.35	1	1	0	1200	1200	0
12/11/2023 11:48	47402 PENS_T1	120	120	0	3.23	3.91	0.68	0	0	0	0	0	0	0	0
12/11/2023 11:50	66903 SHIL_T2	0	9	9	0	0.11	0.11	0	0	0	0	0	0	0	0
12/11/2023 11:50	41801 GOCI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/11/2023 11:50	13901 SEID_T1	0	0	0	0	0	0	0.24	0.25	0	0	0	0	0	0
12/11/2023 11:51	65904 SAKR_T2	0	1	1	0	0	0	0	0	0	0	0	0	0	0
12/11/2023 11:53	66503 SMAN_T2	1	0	-1	2.1	0	-2.1	0	0	0	0	0	0	0	0
12/11/2023 11:53	41801 GOCI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/11/2023 12:03	42903 MIDD_T2	0	0	0	0	0	0	0.35	-0.67	1	1	0	1200	1200	0
12/11/2023 12:03	63501 HEID_TBK1-2	5	2	-3	0.36	0.6	0.24	0.06	0.06	1	1	0	900	900	0
12/11/2023 12:04	67001 STHI_T2	573	539	-34	0.29	0.22	-0.07	0.14	0.12	0	0	0	0	0	0
12/11/2023 12:05	63501 HEID_TBK1-2	5	2	-3	0.36	0.6	0.24	0.06	0.06	1	1	0	900	900	0
12/11/2023 12:05	67001 STHI_T2	573	539	-34	0.29	0.22	-0.07	0	0	0	0	0	0	0	0
12/11/2023 12:05	51004 NHAR_T1	8	14	6	1.3	1.21	-0.09	-0.37	-0.4	0	0	0	0	0	0
12/11/2023 12:06	67001 STHI_T2	573	539	-34	0.29	0.22	-0.07	0	0	0	0	0	0	0	0
12/11/2023 12:06	13901 SEID_T1	0	0	0	0	0	0	0.25	0.22	0	0	0	0	0	0
12/11/2023 12:06	66903 SHIL_T2	8	3	-5	0.11	0.1	-0.01	0	0	0	0	0	0	0	0
12/11/2023 12:07	67002 STHI_T2	218	148	-70	0.17	0.2	0.03	0	0	0	0	0	0	0	0
12/11/2023 12:08	67001 STHI_T2	573	539	-34	0.29	0.22	-0.07	0	0	0	0	0	0	0	0
12/11/2023 12:09	67002 STHI_T2	218	148	-70	0.17	0.2	0.03	0.68	0.68	0	0	0	0	0	0
12/11/2023 12:13	14403 SSLA_T1	0	0	0	0	0	0	0.85	0.84	0	0	0	0	0	0
12/11/2023 12:14	54504 ENOL_T2	0	2	2	0	0	0	0	0	0	0	0	0	0	0
12/11/2023 12:20	59101 WALK_T2	1	1	0	0	0	0	2.41	2.53	0	0	0	0	0	0
12/11/2023 12:21	27502 WEIS_T2	0	0	0	0	0	0	-0.38	-0.32	0	0	0	0	0	0
12/11/2023 12:23	59101 WALK_T2	1	1	0	0	0	0	2.53	2.56	0	0	0	0	0	0
12/11/2023 12:24	59101 WALK_T2	1	1	0	0	0	0	2.53	2.56	0	0	0	0	0	0
12/11/2023 12:31	48901 FOSP_T2	0	0	0	0	0	0	-0.04	-0.07	1	1	0	600	600	0
12/11/2023 12:36	48901 FOSP_T2	0	0	0	0	0	0	-0.04	-0.07	1	1	0	600	600	0
12/11/2023 12:37	48901 FOSP_T2	0	0	0	0	0	0	-0.04	-0.07	1	1	0	600	600	0
12/11/2023 12:41	52401 GRPA_T2	1	1	0	0.6	0.3	-0.3	0	0	0	0	0	0	0	0
12/11/2023 12:51	47402 PENS_T1	0	11	11	0	0	0	-0.92	-0.8	0	0	0	0	0	0
12/11/2023 13:00	14403 SSLA_T1	0	0	0	0	0	0	0.91	1.02	0	0	0	0	0	0
12/11/2023 13:02	39601 LNFD_T1	4	2	-2	0.2	0	-0.2	0	0	0	0	0	0	0	0
12/11/2023 13:09	29401 BELT_T1	1	10	9	0.1	0.13	0.03	0	0	1	1	0	900	900	0
12/11/2023 13:17	47403 PENS_T1	1	1	0	0.2	0.4	0.2	0	0	0	0	0	0	0	0
12/11/2023 13:19	48302 ORWI_T2	2	2	0	0.65	0.75	0.1	0.14	0.13	0	0	0	0	0	0
12/11/2023 13:19	20401 ASHF_T2	0	0	0	0	0	0	-0.23	-0.23	1	1	0	600	600	0
12/11/2023 13:36	65001 NEFF_T2	0	0	0	0	0	0	-0.48	-0.51	1	1	0	1200	1200	0
12/11/2023 13:45	46903 MNTG_T2	0	0	0	0	0	0	-0.05	0.06	1	1	0	600	600	0
12/11/2023 13:46	46903 MNTG_T2	0	0	0	0	0	0	-0.05	0.06	1	1	0	600	600	0
12/11/2023 13:47	54701 NEBL_T1	3	2	-1	0.23	0.15	-0.08	0	0	1	1	0	600	600	0
12/11/2023 13:47	46901 MNTG_T2	0	0	0	0	0	0	1.9	1.87	0	0	0	0	0	0
12/11/2023 13:48	46903 MNTG_T2	0	0	0	0	0	0	-0.1	0.12	2	2	0	1200	1200	0
12/11/2023 13:49	54701 NEBL_T1	3	2	-1	0.23	0.15	-0.08	0	0	1	1	0	600	600	0
12/11/2023 13:52	65001 NEFF_T2	0	0	0	0	0	0	-0.51	-0.62	1	1	0	1200	1200	0
12/11/2023 14:05	55105 WERT_T1	1	3	2	0.7	0	-0.7	-0.6	-0.59	1	1	0	900	900	0
12/11/2023 14:06	55105 WERT_T1	1	3	2	0.7	0	-0.7	-0.6	-0.59	1	1	0	900	900	0
12/11/2023 14:06	49803 UNIV_T1	0	0	0	0	0	0	-1.03	-1.03	0	0	0	0	0	0
12/11/2023 14:09	43001 ALWD_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/11/2023 14:10	62604 ENGL_T1	0	0	0	0	0	0	-0.37	-0.33	1	1	0	600	600	0
12/11/2023 14:11	60101 COCA_T1	0	4	4	0	0	0	0.72	0.74	0	0	0	0	0	0
12/11/2023 14:12	56501 ROCK_T2	2	1	-1	1.65	0.3	-1.35	0	0	0	0	0	0	0	0
12/11/2023 14:14	62604 ENGL_T1	0	0	0	0	0	0	-0.74	-0.66	2	2	0	1200	1200	0
12/11/2023 14:14	62604 ENGL_T1	0	0	0	0	0	0	-0.74	-0.66	2	2	0	1200	1200	0
12/11/2023 14:15	53902 HALI_T2	0	1	1	0	0	0	0	0	0	0	0	0	0	0
12/11/2023 14:17	50105 HARR_T3	7	7	0	5.7	5.57	-0.13	0	0	0	0	0	0	0	0
12/11/2023 14:18	41902 REED_T1	2	2	0	0.6	0.6	0	1.09	1.16	0	0	0	0	0	0
12/11/2023 14:18	64101 REFR_T1	0	0	0	0	0	0	-0.03	-0.02	0	0	0	0	0	0
12/11/2023 14:18	56501 ROCK_T2	1	1	0	0.4	0.2	-0.2	0	0	0	0	0	0	0	0
12/11/2023 14:19	41902 REED_T1	2	2	0	0.6	0.6	0	1.09	1.16	0	0	0	0	0	0
12/11/2023 14:20	41901 REED_T1	1	3	2	0.2	0.13	-0.07	0	0	0	0	0	0	0	0
12/11/2023 14:20	64101 REFR_T1	0	0	0	0	0	0	-0.03	-0.02	0	0	0	0	0	0
12/11/2023 14:20	54701 NEBL_T1	0	1

12/11/2023 14:47	46903 MNTG_T2	1	9	8	0.1	0.13	0.03	0	0	0	0	0	0	0	0
12/11/2023 14:49	46903 MNTG_T2	1	9	8	0.1	0.13	0.03	0.02	0	1	1	0	600	600	0
12/11/2023 14:50	67002 STHI_T2	330	336	6	0.24	0.2	-0.04	0.62	0.63	0	0	0	0	0	0
12/11/2023 14:54	67002 STHI_T2	330	336	6	0.24	0.2	-0.04	0.63	0.62	0	0	0	0	0	0
12/11/2023 14:56	43001 ALWD_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/11/2023 14:57	47901 HRDG_T1	0	0	0	0	0	0	0.91	1.04	0	0	0	0	0	0
12/11/2023 14:58	51604 DUKE_T2	6	2	-4	0.17	0.1	-0.07	-3.33	-3.24	2	2	0	1800	1800	0
12/11/2023 14:58	62604 ENGL_T1	0	0	0	0	0	0	-0.85	-0.51	2	2	0	1200	1200	0
12/11/2023 14:58	47001 HUGH_T2	0	0	0	0	0	0	-0.64	-0.63	0	0	0	0	0	0
12/11/2023 14:59	47001 HUGH_T2	0	0	0	0	0	0	-0.64	-0.63	0	0	0	0	0	0
12/11/2023 15:00	47901 HRDG_T1	0	0	0	0	0	0	0.91	1.04	0	0	0	0	0	0
12/11/2023 15:00	20403 ASHF_T2	0	0	0	0	0	0	0.88	0.9	0	0	0	0	0	0
12/11/2023 15:01	62604 ENGL_T1	0	0	0	0	0	0	-0.43	-0.26	1	1	0	600	600	0
12/11/2023 15:01	52102 MEIS_T1	0	0	0	0	0	0	0	0	1	1	0	450	450	0
12/11/2023 15:02	64101 REFR_T1	0	0	0	0	0	0	-0.04	-0.04	0	0	0	0	0	0
12/11/2023 15:03	64101 REFR_T1	0	0	0	0	0	0	-0.04	-0.04	0	0	0	0	0	0
12/11/2023 15:04	64101 REFR_T1	0	0	0	0	0	0	-0.04	-0.04	0	0	0	0	0	0
12/11/2023 15:05	60501 NMAN_T2	3	3	0	4.63	4.33	-0.3	0	0	0	0	0	0	0	0
12/11/2023 15:05	52101 MEIS_T1	0	1	1	0	0.7	0.7	0	0	0	0	0	0	0	0
12/11/2023 15:06	64101 REFR_T1	0	0	0	0	0	0	-0.04	-0.04	0	0	0	0	0	0
12/11/2023 15:07	44601 SALE_T2	0	0	0	0	0	0	0.58	0.44	1	1	0	600	600	0
12/11/2023 15:10	40502 CRES_T2	4	0	-4	0.1	0	-0.1	-0.05	-0.06	0	0	0	0	0	0
12/11/2023 15:10	40505 CRES_T1	0	0	0	0	0	0	0.56	0.56	0	0	0	0	0	0
12/11/2023 15:11	44301 BEAV_T2	0	0	0	0	0	0	-0.1	0.1	1	1	0	600	600	0
12/11/2023 15:12	40502 CRES_T2	4	0	-4	0.1	0	-0.1	-0.05	-0.06	0	0	0	0	0	0
12/11/2023 15:13	17802 GILB_T1	0	0	0	0	0	0	0.09	0.1	0	0	0	0	0	0
12/11/2023 15:14	51006 NHAR_T1	0	1	1	0	0	0	0	0	0	0	0	0	0	0
12/11/2023 15:15	40502 CRES_T2	0	3	3	0	0.13	0.13	-0.05	-0.06	0	0	0	0	0	0
12/11/2023 15:16	41902 REED_T1	4	19	15	0.8	0.52	-0.28	1.18	1.16	0	0	0	0	0	0
12/11/2023 15:17	41902 REED_T1	4	19	15	0.8	0.52	-0.28	1.18	1.16	0	0	0	0	0	0
12/11/2023 15:21	43304 WATS_T2	0	1	1	0	0	0	-0.36	-0.41	0	0	0	0	0	0
12/11/2023 15:21	64101 REFR_T1	0	0	0	0	0	0	-0.04	-0.03	0	0	0	0	0	0
12/11/2023 15:23	43301 WATS_T2	0	0	0	0	0	0	-0.7	-0.68	1	1	0	900	900	0
12/11/2023 15:24	43304 WATS_T2	0	1	1	0	0	0	-0.81	-0.86	0	0	0	0	0	0
12/11/2023 15:24	26401 INOR_T1	0	0	0	0	0	0	0.67	0.67	0	0	0	0	0	0
12/11/2023 15:25	43304 WATS_T2	0	1	1	0	0	0	-0.41	-0.43	0	0	0	0	0	0
12/11/2023 15:26	43304 WATS_T2	0	1	1	0	0	0	-0.41	-0.43	0	0	0	0	0	0
12/11/2023 15:31	65001 NEFF_T2	0	0	0	0	0	0	-0.68	-0.71	1	1	0	1200	1200	0
12/11/2023 15:46	47402 PENS_T1	120	99	-21	1.74	1.01	-0.73	0	0	0	0	0	0	0	0
12/11/2023 15:47	65001 NEFF_T2	0	0	0	0	0	0	-0.71	-0.64	1	1	0	1200	1200	0
12/11/2023 15:47	47402 PENS_T1	120	99	-21	1.74	1.01	-0.73	0	0	0	0	0	0	0	0
12/11/2023 15:51	47401 PENS_T1	0	0	0	0	0	0	-0.41	-0.42	0	0	0	0	0	0
12/11/2023 15:59	40502 CRES_T2	3	7	4	0.13	0.32	0.19	-0.11	-0.1	0	0	0	0	0	0
12/11/2023 16:01	25402 LAHA_T2	0	0	0	0	0	0	-0.74	-0.74	0	0	0	0	0	0
12/11/2023 16:04	65901 SAKR_T2	4	3	-1	4.05	8.5	4.45	-1.29	-1.18	1	1	0	900	900	0
12/11/2023 16:12	23901 EFMO_T2	0	1	1	0	0	0	-0.81	-0.8	0	0	0	0	0	0
12/11/2023 16:19	46901 MNTG_T2	0	0	0	0	0	0	1.49	1.53	0	0	0	0	0	0
12/11/2023 16:19	65001 NEFF_T2	0	0	0	0	0	0	-0.62	-0.69	1	1	0	1200	1200	0
12/11/2023 16:21	48302 ORWI_T2	2	2	0	0.6	0.35	-0.25	0.13	0.13	0	0	0	0	0	0
12/11/2023 16:29	11104 EGYP_T1	0	0	0	0	0	0	0.35	0.34	0	0	0	0	0	0
12/11/2023 16:32	43201 MVIL_T2	0	3	3	0	0	0	0	0	0	0	0	0	0	0
12/11/2023 16:33	43202 MVIL_T2	0	0	0	0	0	0	-0.59	-0.58	0	0	0	0	0	0
12/11/2023 16:50	29401 BELT_T1	0	3	3	0	0.13	0.13	0	0	1	1	0	900	900	0
12/11/2023 16:54	42701 AUGU_T1	13	52	39	0.53	0.49	-0.04	0	0	1	1	0	600	600	0
12/11/2023 16:57	42701 AUGU_T1	13	52	39	0.53	0.49	-0.04	0	0	1	1	0	600	600	0
12/11/2023 17:00	52102 MEIS_T1	0	0	0	0	0	0	0	0	1	1	0	450	450	0
12/11/2023 17:11	65001 NEFF_T2	0	0	0	0	0	0	-0.71	-0.77	1	1	0	1200	1200	0
12/11/2023 17:15	66901 SHIL_T2	0	0	0	0	0	0	-1.54	-1.6	1	1	0	1200	1200	0
12/11/2023 17:39	25402 LAHA_T2	0	0	0	0	0	0	-0.68	-0.7	0	0	0	0	0	0
12/11/2023 18:01	25402 LAHA_T2	0	1	1	0	0	0	-0.7	-0.72	0	0	0	0	0	0
12/11/2023 18:06	26401 INOR_T1	0	5	5	0	0.8	0.8	0.49	0.5	0	0	0	0	0	0
12/11/2023 18:15	17805 GILB_T2	0	0	0	0	0	0	0.13	0.14	0	0	0	0	0	0
12/11/2023 18:19	28604 BLYT_T2	0	0	0	0	0	0	-1.18	-1.15	0	0	0	0	0	0
12/11/2023 18:21	10805 CHHI_T2	7	7	0	2.01	7.4	5.39	-1.23	-1.31	1	1	0	600	600	0
12/11/2023 18:23	17802 GILB_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/11/2023 18:25	67001 STHI_T2	1	1	0	0.5	0.5	0	0	0	0	0	0	0	0	0
12/11/2023 18:26	44601 SALE_T2	0	0	0	0	0	0	0.01	0.02	0	0	0	0	0	0
12/11/2023 18:27	41602 CLEV_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/11/2023 18:27	47001 HUGH_T2	0	0	0	0	0	0	-0.55	-0.49	0	0	0	0	0	0
12/11/2023 18:27	17805 GILB_T2	0	0	0	0	0	0	0.14	0.13	0	0	0	0	0	0
12/11/2023 18:28	29401 BELT_T1	3	3	0	0.1	0.1	0	0	0	0	0	0	0	0	0
12/11/2023 18:28	40502 CRES_T2	3	15	12	0.2	0.23	0.03	-0.63	-0.54	0	0	0	0	0	0
12/11/2023 18:28	23901 EFMO_T2	1	1	0	1	0.6	-0.4	-0.77	-0.8	0	0	0	0	0	0
12/11/2023 18:28	67002 STHI_T2	0	0	0	0	0	0	0.59	0.62	0	0	0	0	0	0
12/11/2023 18:29	67001 STHI_T2	1	1	0	0.5	0.5	0	0	0	0	0	0	0	0	0
12/11/2023 18:29	40502 CRES_T2	3	15	12	0.2	0.23	0.03	-0.63	-0.54	0	0	0	0	0	0
12/11/2023 18:30	66505 SMAN_T2	2	3	1	0.1	0.6	0.5	-0.4	-0.47	2	2	0	1100	1100	0
12/11/2023 18:30	59101 WALK_T2	1	1	0	0	0	0	1.3	1.17	1	1	0	450	450	0
12/11/2023 18:31	67001 STHI_T2	1	9	8	0.5	0.19	-0.31	0	0	0	0	0	0	0	0
12/11/2023 18:31	43402 BENT_T1	0	2	2	0	0	0	-1.3	-1.56	1	2	1	900	1500	600
12/11/2023 18:31	62607 ENGL_T1	0	0	0	0	0	0	-0.94	-0.94	1	1	0	300	300	0
12/11/2023 18:32	67103 SPRI_T1	0	0	0	0	0	0	-0.1	-0.11	0	0	0	0	0	0
12/11/2023 18:32	43402 BENT_T1	0	2	2	0	0	0	-1.3	-1.56	1	2	1	900	1500	600
12/11/2023 18:32	40502 CRES_T2	8	16	8	0.15	0.22	0.07	-0.63	-0.54	0	0	0	0	0	0
12/11/2023 18:32	60102 COCA_T1	0	2	2	0	0	0	0	0	0	0	0	0	0	0
12/11/2023 18:32	44601 SALE_T2	0	0	0	0	0	0	0.01	0.02	0	0	0	0	0	0
12/11/2023 18:33	44201 POIN_T1	0	0	0	0	0	0	-1.08	-1.13	1	1	0	900	900	0
12/11/2023 18:33	43401 BENT_T1	1	1	0	1.3	0	-1.3	0	0	0	0	0	0	0	0
12/11/2023 18:33	51002 NHAR_T1	1	1	0	1.4	1.5	0.1	0	0	0	0	0	0	0	0
12/11/2023 18:33	40502 CRES_T2	8	16	8	0.15	0.22	0.07	-0.63	-0.54	0	0	0	0	0	0
12/11/2023 18:33	56802 BENV_T2	1	1	0	0.2	0.3	0.1	2.57	2.54	0	0	0	0	0	0
12/11/2023 18:33	17802 GILB_T1	0	1	1	0	0	0	0.11	0.1	0	0	0	0	0	0
12/11/2023 18:34	65902 SAKR_T2	1	2	1	3.2	0	-3.2	0	0	0	0	0	0	0	0
12/11/2023 18:34	45502 DERR_T2	0	2	2	0	0	0	0	0	0	0	0	0	0	0
12/11/2023 18:34	47402 PENS_T1	1	1	0	2.1	1.7	-0.4	0	0	0	0	0	0	0	0
12/11/2023 18:34	43401 BENT_T1	1	1	0	1.3	0	-1.3	0	0	0	0	0	0	0	0
12/11/2023 18:34	13904 SEID_T1	14	1	-13	0.57	0	-0.57	0	0	0	0	0	0	0	0
12/11/2023 18:34	10805 CHHI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/11/2023 18:34	20403 ASHF_T2	0	0	0	0	0	0	0.56	0.55	0	0	0	0	0	0
12/11/2023 18:34	52102 MEIS_T1	0	0	0	0	0	0	0	0	1	1	0	450	450	0
12/11/2023 18:35	56501 ROCK_T2	5	13	8	2.36	0.12	-2.24	0	0	0	0	0	0	0	0
12/11/2023 18:35	43401 BENT_T1	1	1	0	1.3	0	-1.3	0	0	0	0	0	0	0	0
12/11/2023 18:35	65003 NEFF_T2	0	1	1	0	0.1	0.1	0	0	0	0	0	0	0	0
12/11/2023 18:35	44301 BEAV_T2	0	1	1	0	0.2	0.2	-0.16	-0.07	1	1	0	600	600	0
12/11/2023 18:35	67602 WARW_T2	6	3	-3	2.4	0	-2.4	0.59	0.48	0	0	0	0	0	0
12/11/2023 18:35	45501 DERR_T2	0	2	2	0	0	0	0.81	0.9	2	2	0	1800	1800	0
12/11/2023 18:35	40101 HUNT_T2	288	339	51	1.09	1.01	-0.08	-1.15	-1.2	0	0	0	0	0	0
12/11/2023 18:35	17804 GILB_T2	0	0	0	0	0	0	-0.49	-0.48	0	0	0	0	0	0
12/11/2023 18:35	42201 SHEN_T2	0	0	0	0	0	0	-0.11	-0.12	1	1	0	600	600	0
12/11/2023 18:35	40201 BEGA_T2	12	4	-8	0.69	1.9	1.21	0	0	0	0	0	0	0	0
12/11/2023 18:35	45702 LIND_T2	0	1	1	0	0.3	0.3	-0.45	-0.46	0	0	0	0	0	0
12/11/2023 18:35	67303 WYOM_T2	0	0	0	0	0	0	-0.16	-0.19	0	0	0	0	0	0
12/11/2023 18:36	44301 BEAV_T2	0	1	1	0	0.2	0.2	-0.16	-0.07	1	1	0	600	600	0
12/11/2023 18:36	47401 PENS_T1	0	0	0	0	0	0	-0.38	-0.42	0	0	0	0	0	0
12/11/2023 18:36	67503 WEWI_T2	0	0	0	0	0	0	-0.02	0	0	0	0	0	0	0
12/11/2023 18:36	43402 BENT_T1	0	2	2	0	0	0	-1.3	-1.56	2	2	0	1500	1500	0
12/11/2023 18:36	29401 BELT_T1	3	0	-3	0.1	0	-0.1	0	0	0	0	0	0	0	0
12/11/2023 18:36	10805 CHHI_T2	7	1	-6	1.53	7.1	5.57	-1.31	-1.29	1	1	0	600	600	0
12/11/2023 18:36	52402 GRPA_T2	10	4	-6	0.4	0.93	0.53	0	0	0	0	0	0	0	0
12/11/2023 18:36	40602 PIGR_T1	1	2	1	9.8	0.2	-9.6	0.01	0.01	1	1	0	600	600	0
12/11/2023 18:36	40502 CRES_T2	8	16	8	0.15	0.22	0.07	-0.63	-0.54	0	0	0	0	0	0
12/11/2023 18:37	46001 BERW_T1	0	0	0	0	0	0	0.97	0.95	0	0	0	0	0	0
12/11/2023 18:37	67502 WEWI_T2	0	0	0	0	0	0	-1.26	-1.27	1	1	0	900	900	0
12/11/2023 18:37	46004 BERW_T2	1	0	-1	6.3	0	-6.3	-0.48	-0.48	0	0	0	0	0	0
12/11/2023 18:37	52102 MEIS_T1	0	0	0	0	0	0	0	0	1	1	0	450	450	0
12/11/2023 18:37	62604 ENGL_T1	0	0	0	0	0	0	-0.3	-0.43	1	1	0	600	600	0
12/11/2023 18:37	43401 BENT_T1	1	1	0	1.3	0	-1.3	0	0	0	0	0	0	0	0
12/11/2023 18:37	67001 STHI_T2	1	9	8	0.5	0.19	-0.31	0	0	0	0	0	0	0	0
12/11/2023 18:37	44301 BEAV_T2	0	1	1	0	0.2	0.2	-0.16	-0.07	1	1	0	600	600	0
12/11/2023 18:37	60803 BUCK_T1	0	0	0	0	0	0	-1.27	-1.27	1	1	0	600	600	0
12/11/2023 18:37	10805 CHHI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/11/2023 18:37	59101 WALK_T2	1	1	0	0	0	0	1.3	1.17	1	1	0	450	450	0
12/11/2023 18:38	43402 BENT_T1	0	2	2	0	0	0	-1.56	-1.56	2	2	0	1500	1500	0
12/11/2023 18:38	56802 BENV_T2	1	1	0	0.2	0.3	0.1	-1.28	-1.27	0	0	0	0	0	0
12/11/2023 18:38	60101 COCA_T1	13	8	-5	2.31	0	-2.31	0.47	0.39	0	0	0	0	0	0
12/11/2023 18:38	64101 REFR_T1	0	0	0	0	0	0	0.01	0.02	0	0	0	0	0	0
12/11/2023 18:38	46903 MNTG_T2	0	36	36	0	0.17	0.17	0	0	0	0	0	0	0	0
12/11/2023 18:38	53502 EVIL_T2	0	10	10	0	0	0	0	0	0	0	0	0	0	0
12/11/2023 18:38	16402 MOPO_T1	0	2	2	0	0.1	0.1	0.18	0.19	0	0	0	0	0	0
12/11/2023 18:38	62604 ENGL_T1	0	0	0	0	0	0	-0.43	-0.47	1	1	0	600	600	0
12/11/2023 18:38	44301 BEAV_T2	0	1	1	0	0.2	0.2	-0.15	0.14	2	2	0	1200	1200	0
12/11/2023 18:38	40505 CRES_T1	0	0	0	0	0	0	0.59	0.54	0	0	0	0	0	0
12/11/2023 18:38	40201 BEGA_T2	12	4	-8	0.69	1.9	1.21	0	0	0	0	0	0	0	0
12/11/2023 18:38	10801 CHHI_T1	0	0	0	0	0	0	-1.36	-1.35	2	2	0	1500	1500	0
12/11/2023 18:38	43203 MVIL_T2	0	1	1	0	0	0	-0.63	-0.65	0	0	0	0	0	0
12/11/2023 18:39	53903 HALI_T2	2	2	0	0.75	0.7	-0.05	-0.22	-0.22	0	0	0	0	0	0
12/11/2023 18:39	47402 PENS_T1	71	28	-43	1.03	1.95	0.92	0	0	0	0	0	0	0	0
12/11/2023 18:39	43402 BENT_T1	0	2	2	0	0	0	-1.56	-1.57	2	2	0	1500	1500	0
12/11/2023 18:39	45402 WILO_T2	0	1	1	0	0.4	0.4	-0.52	-0.55	0	0	0	0	0	0
12/11/2023 18:39	20403 ASHF_T2	0	0	0	0	0	0	0.55	0.57	0	0	0	0	0	0
12/11/2023 18:40	52401 GRPA_T2	10	1	-9	0.37	0	-0.37	0	0	0	0	0	0	0	0
12/11/2023 18:40	56802 BENV_T2	1	1	0	0.2	0.3	0.1	-1.27	-1.36	0	0	0	0	0	0
12/11/2023 18:40	47402 PENS_T1	71	28	-43	1.03	1.95	0.92	0	0	0	0	0	0	0	0
12/11/2023 18:40	64801 MONE_T2	0	0	0	0	0	0	0.46	0.46	0	0	0	0	0	0
12/11/2023 18:40	43401 BENT_T1	1	1	0	1.3	0	-1.3	0	0	0	0	0	0	0	0
12/11/2023 18:40	44301 BEAV_T2	0	1	1	0	0.2	0.2	-0.07	0.07	1	1	0	600	600	0
12/11/2023 18:40	64204 KINZ_T1	1	1	0	0.7	1	0.3	0	0	0	0	0	0	0	0
12/11/2023 18:40	11104 EGYP_T1	2	4	2	0.25	0	-0.25	0.4	0.38	0	0	0	0	0	0
12/11/2023 18:40	67103 SPRI_T1	0	0	0	0	0	0	-0.11	-0.12	0	0	0	0	0	0
12/11/2023 18:40	67001 STHI_T2	1	9	8	0.5	0.19	-0.31	0	0	0	0	0	0	0	0
12/11/2023 18:40	57401 SPAN_T1	1	3	2	3.2	0	-3.2	-0.63	-0.59	1	1	0	600	600	0
12/11/2023 18:40	58402 MORO_T1	1	2	1	0.2	0	-0.2	-0.71	-0.7	3	3	0	2400	2400	0
12/11/2023 18:40	16402 MOPO_T1	0	2	2	0	0.1	0.1	0.18	0.19	0	0	0	0	0	0
12/11/2023 18:40	46903 MNTG_T2	0	36	36	0	0.17	0.17	-0.37	-0.22	1	1	0	600	600	0
12/11/2023 18:40	41801 GOCI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/11/2023 18:40	40101 HUNT_T2	288	339	51	1.09	1.01	-0.08	-1.2	-1.17	0	0	0	0	0	0
12/11/2023 18:41	43401 BENT_T1	1	1	0	1.3	0	-1.3	0	0	0	0	0	0	0	0
12/11/2023 18:41	43304 WATS_T2	0	0	0	0	0	0	-0.34	-0.35	0	0	0	0	0	0
12/11/2023 18:41	46903 MNTG_T2	0	36	36	0	0.17	0.17	-0.37	-0.22	1	1	0	600	600	0
12/11/2023 18:41	40502 CRES_T2	8	16	8	0.15	0.22	0.07	-0.54	-0.55	0	0	0	0	0	0
12/11/2023 18:42	62604 ENGL_T1	0	0	0	0	0	0	-0.43	-0.47	1	1	0	600	600	0
12/11/2023 18:42	57401 SPAN_T1	1	3	2	3.2	0	-3.2	-0.63	-0.59	1	1	0	600	600	0
12/11/2023 18:42	41801 GOCI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/11/2023 18:42	43304 WATS_T2	0	0	0	0	0	0	-0.34	-0.35	0	0	0	0	0	0
12/11/2023 18:42	40502 CRES_T2	8	16	8	0.15	0.22	0.07	-0.54	-0.55	0	0	0	0	0	0
12/11/2023 18:42	53501 EVIL_T2	0	3	3	0	0.2	0.2	-1.28	-1.36	2	2	0	1200	1200	0
12/11/2023 18:42	42701 AUGU_T1	26	26	0	0.39	0.34	-0.05	0	0	1	1	0	600	600	0
12/11/2023 18:42	43401 BENT_T1	1	1	0	1.3	0	-1.3	0	0	0	0	0	0	0	0
12/11/2023 18:42	57401 SPAN_T1	1	3	2	3.2	0	-3.2	-

Appendix C - Grid Benefits Achieved in Each Instance of Active Management

12/11/2023 18:46	52101 MEIS_T1	1	1	0	0.2	0.4	0.2	0	0	0	0	0	0	0	0
12/11/2023 18:46	53502 EVIL_T2	0	10	10	0	0.51	0.51	0	0	0	0	0	0	0	0
12/11/2023 18:46	65003 NEFF_T2	0	10	10	0	0.11	0.11	0	0	0	0	0	0	0	0
12/11/2023 18:46	43401 BENT_T1	1	0	-1	0.6	0	-0.6	0	0	0	0	0	0	0	0
12/11/2023 18:46	43304 WATS_T2	0	1	1	0	0	0	-0.34	-0.35	0	0	0	0	0	0
12/11/2023 18:46	54001 SDLE_T1	2	3	1	0.5	0.5	0	0	0	0	0	0	0	0	0
12/11/2023 18:46	40505 CRES_T1	0	0	0	0	0	0	0.59	0.54	0	0	0	0	0	0
12/11/2023 18:46	60803 BUCK_T1	0	0	0	0	0	0	-1.27	-1.23	1	1	0	600	600	0
12/11/2023 18:47	52403 GRPA_T2	0	5	5	0	0	0	0.19	0.13	0	0	0	0	0	0
12/11/2023 18:47	67605 WARW_T1	0	5	5	0	0	0	-0.89	-0.87	0	0	0	0	0	0
12/11/2023 18:47	63602 LETO_T1	0	0	0	0	0	0	-0.44	-0.39	0	0	0	0	0	0
12/11/2023 18:47	60201 ATGL_T2	0	0	0	0	0	0	0.18	0.23	1	1	0	300	300	0
12/11/2023 18:47	40502 CRES_T2	15	9	-6	0.23	0.12	-0.11	-0.54	-0.55	0	0	0	0	0	0
12/11/2023 18:47	43001 ALWD_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/11/2023 18:47	43401 BENT_T1	1	0	-1	0.6	0	-0.6	0	0	0	0	0	0	0	0
12/11/2023 18:47	42902 MIDD_T2	9	6	-3	0.5	0.4	-0.1	0	0	0	0	0	0	0	0
12/11/2023 18:48	62604 ENGL_T1	0	0	0	0	0	0	-0.43	-0.47	1	1	0	600	600	0
12/11/2023 18:48	44201 POIN_T1	0	0	0	0	0	0	-1.13	-1.12	1	1	0	900	900	0
12/11/2023 18:48	43302 WATS_T2	4	4	0	0.18	0.15	-0.03	0	0	0	0	0	0	0	0
12/11/2023 18:48	67605 WARW_T1	0	5	5	0	0	0	-0.89	-0.87	0	0	0	0	0	0
12/11/2023 18:48	43402 BENT_T1	0	2	2	0	0.3	0.3	-1.56	-1.57	2	2	0	1500	1500	0
12/11/2023 18:48	47901 HRDG_T1	0	0	0	0	0	0	1.76	1.82	0	0	0	0	0	0
12/11/2023 18:48	55101 WERT_T1	0	1	1	0	0	0	0	0	0	0	0	0	0	0
12/11/2023 18:48	59101 WALK_T2	1	2	1	0	0	0	1.17	1.13	1	1	0	450	450	0
12/11/2023 18:48	57401 SPAN_T1	2	3	1	3.05	0	-3.05	0	0	0	0	0	0	0	0
12/11/2023 18:48	56802 BENV_T2	0	1	1	0	0.3	0.3	-2.54	-2.71	0	0	0	0	0	0
12/11/2023 18:48	42701 AUGU_T1	25	9	-16	0.48	0	-0.48	0	0	1	1	0	600	600	0
12/11/2023 18:48	14403 SSLA_T1	0	0	0	0	0	0	0.93	0.94	0	0	0	0	0	0
12/11/2023 18:49	67503 WEWI_T2	0	0	0	0	0	0	0	-0.13	0	0	0	0	0	0
12/11/2023 18:49	43401 BENT_T1	1	0	-1	0.6	0	-0.6	0	0	0	0	0	0	0	0
12/11/2023 18:49	67503 WEWI_T2	0	0	0	0	0	0	0	-0.13	0	0	0	0	0	0
12/11/2023 18:49	67605 WARW_T1	0	5	5	0	0	0	-0.89	-0.87	0	0	0	0	0	0
12/11/2023 18:49	64101 REFR_T1	0	0	0	0	0	0	0.02	0	0	0	0	0	0	0
12/11/2023 18:49	52401 GRPA_T2	1	0	-1	0.2	0	-0.2	0	0	0	0	0	0	0	0
12/11/2023 18:49	62604 ENGL_T1	0	0	0	0	0	0	-0.43	-0.47	1	1	0	600	600	0
12/11/2023 18:49	56801 BENV_T1	1	0	-1	0.1	0	-0.1	-0.6	-0.57	1	1	0	600	600	0
12/11/2023 18:49	52501 PROG_T1	0	0	0	0	0	0	0.36	0.33	1	1	0	300	300	0
12/11/2023 18:49	56504 ROCK_T2	3	9	6	2.3	0	-2.3	0.02	0.03	0	0	0	0	0	0
12/11/2023 18:49	55002 NEWP_T1	4	4	0	0.4	0.23	-0.17	-0.36	-0.36	0	0	0	0	0	0
12/11/2023 18:49	40502 CRES_T2	15	9	-6	0.23	0.12	-0.11	-0.54	-0.55	0	0	0	0	0	0
12/11/2023 18:49	59101 WALK_T2	1	2	1	0	0	0	1.17	1.13	1	1	0	450	450	0
12/11/2023 18:50	58402 MORO_T1	2	0	-2	0.55	0	-0.55	-0.71	-0.7	3	4	1	2400	2850	450
12/11/2023 18:50	67502 WEWI_T2	0	0	0	0	0	0	-1.27	-1.23	1	1	0	900	900	0
12/11/2023 18:50	40101 HUNT_T2	297	338	41	1.01	0.88	-0.13	-1.2	-1.17	0	0	0	0	0	0
12/11/2023 18:50	67605 WARW_T1	0	5	5	0	0	0	-0.89	-0.87	0	0	0	0	0	0
12/11/2023 18:50	40502 CRES_T2	15	9	-6	0.23	0.12	-0.11	-1.07	-1.11	0	0	0	0	0	0
12/11/2023 18:50	46903 MNTG_T2	4	35	31	0.1	0.17	0.07	-0.37	-0.22	1	1	0	600	600	0
12/11/2023 18:50	56802 BENV_T2	0	1	1	0	0.3	0.3	-2.54	-1.36	0	0	0	0	0	0
12/11/2023 18:50	66503 SMAN_T2	0	50	50	0	0.13	0.13	0	0	0	0	0	0	0	0
12/11/2023 18:50	56504 ROCK_T2	3	9	6	2.3	0	-2.3	0.02	0.03	0	0	0	0	0	0
12/11/2023 18:50	64101 REFR_T1	0	0	0	0	0	0	0.02	0	0	0	0	0	0	0
12/11/2023 18:50	53501 EVIL_T2	2	2	0	0.2	0.1	-0.1	-1.28	-1.36	2	2	0	1200	1200	0
12/11/2023 18:50	40505 CRES_T1	0	0	0	0	0	0	0.59	0.54	0	0	0	0	0	0
12/11/2023 18:50	67203 TEHI_T1	2	20	18	1.9	1.2	-0.7	2.08	2.17	1	2	1	600	1500	900
12/11/2023 18:50	56504 ROCK_T2	3	9	6	2.3	0	-2.3	0.02	0.03	0	0	0	0	0	0
12/11/2023 18:50	53903 HALI_T2	2	2	0	0.6	0.7	0.1	-0.22	-0.22	0	0	0	0	0	0
12/11/2023 18:51	47901 HRDG_T1	0	0	0	0	0	0	1.76	1.82	0	0	0	0	0	0
12/11/2023 18:51	52402 GRPA_T2	4	4	0	0.83	1.1	0.27	-0.92	-0.93	0	0	0	0	0	0
12/11/2023 18:51	57403 SPAN_T1	1	2	1	3.6	0	-3.6	0.18	0.16	0	0	0	0	0	0
12/11/2023 18:51	57403 SPAN_T1	1	2	1	3.6	0	-3.6	0.18	0.16	0	0	0	0	0	0
12/11/2023 18:51	67603 WARW_T1	0	3	3	0	0	0	0	0	0	0	0	0	0	0
12/11/2023 18:51	40101 HUNT_T2	297	338	41	1.01	0.88	-0.13	-1.2	-1.17	0	0	0	0	0	0
12/11/2023 18:51	44301 BEAV_T2	1	1	0	0.2	0	-0.2	-0.07	0.07	1	1	0	600	600	0
12/11/2023 18:51	43401 BENT_T1	1	0	-1	0.6	0	-0.6	0	0	0	0	0	0	0	0
12/11/2023 18:51	52101 MEIS_T1	1	1	0	0.2	0.4	0.2	0	0	0	0	0	0	0	0
12/11/2023 18:51	41901 REED_T1	8	5	-3	0.41	0.44	0.03	0	0	0	0	0	0	0	0
12/11/2023 18:51	40502 CRES_T2	15	9	-6	0.23	0.12	-0.11	-0.54	-0.55	0	0	0	0	0	0
12/11/2023 18:52	41902 REED_T1	41	50	9	0.65	0.43	-0.22	1.22	1.18	0	0	0	0	0	0
12/11/2023 18:52	43402 BENT_T1	0	2	2	0	0.3	0.3	-1.56	-1.57	2	1	-1	1500	900	-600
12/11/2023 18:52	40602 PIGR_T1	2	2	0	0.2	0.15	-0.05	0.01	0.01	1	1	0	600	600	0
12/11/2023 18:52	41801 GOCI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/11/2023 18:52	43001 ALWD_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/11/2023 18:52	50106 HARR_T3	1	1	0	0	0	0	0	0	0	0	0	0	0	0
12/11/2023 18:52	56802 BENV_T2	0	1	1	0	0.3	0.3	-2.54	-2.71	0	0	0	0	0	0
12/11/2023 18:52	67605 WARW_T1	0	5	5	0	0	0	-0.89	-0.87	0	0	0	0	0	0
12/11/2023 18:52	46901 MNTG_T2	0	0	0	0	0	0	1.41	1.37	0	0	0	0	0	0
12/11/2023 18:52	55002 NEWP_T1	4	4	0	0.4	0.23	-0.17	-0.18	-0.18	0	0	0	0	0	0
12/11/2023 18:52	46901 MNTG_T2	0	0	0	0	0	0	1.41	1.37	0	0	0	0	0	0
12/11/2023 18:52	64101 REFR_T1	0	0	0	0	0	0	0.02	0	0	0	0	0	0	0
12/11/2023 18:52	67503 WEWI_T2	0	0	0	0	0	0	0	-0.13	0	0	0	0	0	0
12/11/2023 18:53	67603 WARW_T1	0	3	3	0	0	0	0	0	0	0	0	0	0	0
12/11/2023 18:53	43401 BENT_T1	1	0	-1	0.6	0	-0.6	0	0	0	0	0	0	0	0
12/11/2023 18:53	57403 SPAN_T1	1	2	1	3.6	0	-3.6	0.16	0.16	0	0	0	0	0	0
12/11/2023 18:53	56802 BENV_T2	0	1	1	0	0.3	0.3	-1.36	-1.27	0	0	0	0	0	0
12/11/2023 18:53	54701 NEBL_T1	0	0	0	0	0	0	0	0	1	1	0	600	600	0
12/11/2023 18:53	66703 STRA_T1	1	0	-1	0.1	0	-0.1	-0.17	-0.18	0	0	0	0	0	0
12/11/2023 18:54	67605 WARW_T1	0	5	5	0	0	0	-0.87	-0.85	0	0	0	0	0	0
12/11/2023 18:54	43304 WATS_T2	0	1	1	0	0	0	-0.35	-0.37	0	0	0	0	0	0
12/11/2023 18:54	43402 BENT_T1	0	2	2	0	0.3	0.3	-1.57	-0.92	2	1	-1	1500	900	-600
12/11/2023 18:55	43304 WATS_T2	0	1	1	0	0	0	-0.69	-0.74	0	0	0	0	0	0
12/11/2023 18:55	43401 BENT_T1	1	0	-1	0.6	0	-0.6	0	0	0	0	0	0	0	0
12/11/2023 18:55	67603 WARW_T1	0	3	3	0	0	0	0	0	0	0	0	0	0	0
12/11/2023 18:55	61801 EEU_T2	0	0	0	0	0	0	-0.86	-0.9	1	1	0	600	600	0
12/11/2023 18:55	58402 MORO_T1	2	0	-2	0.55	0	-0.55	-0.7	-1.2	3	4	1	2400	2850	450
12/11/2023 18:55	46903 MNTG_T2	4	35	31	0.1	0.17	0.07	-0.22	-0.21	1	1	0	600	600	0
12/11/2023 18:55	54001 SDLE_T1	2	3	1	0.5	0.5	0	0	0	0	0	0	0	0	0
12/11/2023 18:56	43402 BENT_T1	0	2	2	0	0.3	0.3	-1.57	-0.92	2	1	-1	1500	900	-600
12/11/2023 18:56	67603 WARW_T1	0	3	3	0	0	0	0	0	0	0	0	0	0	0
12/11/2023 18:56	52403 GRPA_T2	0	5	5	0	0	0	0	0	0	0	0	0	0	0
12/11/2023 18:56	54001 SDLE_T1	2	3	1	0.5	0.5	0	0	0	0	0	0	0	0	0
12/11/2023 18:56	52101 MEIS_T1	1	1	0	0.2	0.4	0.2	0	0	0	0	0	0	0	0
12/11/2023 18:57	54701 NEBL_T1	0	0	0	0	0	0	0	0	1	1	0	600	600	0
12/11/2023 18:57	43402 BENT_T1	0	2	2	0	0.3	0.3	-1.57	-0.92	2	1	-1	1500	900	-600
12/11/2023 18:57	67605 WARW_T1	0	5	5	0	0	0	-0.87	-0.85	0	0	0	0	0	0
12/11/2023 18:57	56801 BENV_T1	1	0	-1	0.1	0	-0.1	-0.57	-0.56	1	1	0	600	600	0
12/11/2023 18:58	67605 WARW_T1	0	5	5	0	0	0	-0.87	-0.85	0	0	0	0	0	0
12/11/2023 18:58	55105 WERT_T1	0	2	2	0	0	0	-0.45	-0.45	1	1	0	900	900	0
12/11/2023 18:58	43402 BENT_T1	0	2	2	0	0.3	0.3	-1.57	-0.92	2	1	-1	1500	900	-600
12/11/2023 18:59	43402 BENT_T1	0	2	2	0	0.3	0.3	-1.57	-0.92	2	1	-1	1500	900	-600
12/11/2023 18:59	67605 WARW_T1	0	5	5	0	0	0	-0.87	-0.85	0	0	0	0	0	0
12/11/2023 19:00	67602 WARW_T2	1	10	9	4.8	0	-4.8	0.47	0.44	0	0	0	0	0	0
12/11/2023 19:00	67605 WARW_T1	2	8	6	1.05	0	-1.05	-0.87	-0.85	0	0	0	0	0	0
12/11/2023 19:00	43402 BENT_T1	2	3	1	0.3	0.6	0.3	-1.57	-0.92	2	1	-1	1500	900	-600
12/11/2023 19:01	67603 WARW_T1	1	3	2	2.7	0	-2.7	0	0	0	0	0	0	0	0
12/11/2023 19:01	67602 WARW_T2	1	10	9	4.8	0	-4.8	0.47	0.44	0	0	0	0	0	0
12/11/2023 19:01	43402 BENT_T1	2	3	1	0.3	0.6	0.3	-1.57	-0.92	2	1	-1	1500	900	-600
12/11/2023 19:02	67605 WARW_T1	2	8	6	1.05	0	-1.05	-0.87	-0.85	0	0	0	0	0	0
12/11/2023 19:02	63501 HEID_TBK1-2	36	41	5	0.36	0.54	0.18	-0.42	-0.34	1	1	0	900	900	0
12/11/2023 19:02	43402 BENT_T1	2	3	1	0.3	0.6	0.3	-1.57	-0.92	2	1	-1	1500	900	-600
12/11/2023 19:03	43402 BENT_T1	2	3	1	0.3	0.6	0.3	-1.57	-0.92	2	1	-1	1500	900	-600
12/11/2023 19:04	67603 WARW_T1	1	3	2	2.7	0	-2.7	0	0	0	0	0	0	0	0
12/11/2023 19:04	43402 BENT_T1	2	3	1	0.3	0.6	0.3	-1.57	-0.92	2	1	-1	1500	900	-600
12/11/2023 19:05	67001 STHI_T2	9	235	226	0.19	0.13	-0.06	0.13	0.12	0	0	0	0	0	0
12/11/2023 19:05	67605 WARW_T1	2	8	6	1.05	0	-1.05	-0.87	-0.85	0	0	0	0	0	0
12/11/2023 19:05	43402 BENT_T1	2	3	1	0.3	0.6	0.3	-1.57	-0.92	1	2	1	900	1500	600
12/11/2023 19:06	43402 BENT_T1	2	3	1	0.3	0.6	0.3	-1.57	-0.92	1	2	1	900	1500	600
12/11/2023 19:06	67605 WARW_T1	2	8	6	1.05	0	-1.05	-0.87	-0.85	0	0	0	0	0	0
12/11/2023 19:07	43402 BENT_T1	2	3	1	0.3	0.6	0.3	-1.57	-0.92	1	2	1	900	1500	600
12/11/2023 19:07	67605 WARW_T1	2	8	6	1.05	0	-1.05	-0.87	-0.85	0	0	0	0	0	0
12/11/2023 19:08	67001 STHI_T2	9	235	226	0.19	0.13	-0.06	0.12	0.12	0	0	0	0	0	0
12/11/2023 19:08	43402 BENT_T1	2	3	1	0.3	0.6	0.3	-1.57	-0.92	1	2	1	900	1500	600
12/11/2023 19:08	67605 WARW_T1	2	8	6	1.05	0	-1.05	-0.85	-0.85	0	0	0	0	0	0
12/11/2023 19:09	43402 BENT_T1	2	3	1	0.3	0.6	0.3	-0.92	-0.92	1	2	1	900	1500	600
12/11/2023 19:09	67603 WARW_T1	1	3	2	2.7	0	-2.7	0	0	0	0	0	0	0	0
12/11/2023 19:10	67603 WARW_T1	1	3	2	2.7	0	-2.7	0	0	0	0	0	0	0	0
12/11/2023 19:10	43402 BENT_T1	2	3	1	0.3	0.6	0.3	-0.92	-0.92	1	2	1	900	1500	600
12/11/2023 19:11	67605 WARW_T1	2	8	6	1.05	0	-1.05	-0.85	-0.91	0	0	0	0	0	0
12/11/2023 19:12	67605 WARW_T1	2	8	6	1.05	0	-1.05	-0.85	-0.91	0	0	0	0	0	0
12/11/2023 19:13	67605 WARW_T1	2	8	6	1.05	0	-1.05	-0.85	-0.91	0	0	0	0	0	0
12/11/2023 19:14	67605 WARW_T1	2	8	6	1.05	0	-1.05	-0.85	-0.91	0	0	0	0	0	0
12/11/2023 19:15	67605 WARW_T1	4	17	13	3.53	0	-3.53	-0.85	-0.91	0	0	0	0	0	0
12/11/2023 19:16	67603 WARW_T1	2	2	0	1.9	0	-1.9	0	0	0	0	0	0	0	0
12/11/2023 19:17	67603 WARW_T1	2	2	0	1.9	0	-1.9	0	0	0	0	0	0	0	0
12/11/2023 19:18	67603 WARW_T1	2	2	0	1.9	0	-1.9	0	0	0	0	0	0	0	0
12/11/2023 19:19	67605 WARW_T1	4	17	13	3.53	0	-3.53	-0.85	-0.91	0	0	0	0	0	0
12/11/2023 19:20	67605 WARW_T1	4	17	13	3.53	0	-3.53	-0.85	-0.91	0	0	0	0	0	0
12/11/2023 19:21	67603 WARW_T1	2	2	0	1.9	0	-1.9	0	0	0	0	0	0	0	0
12/11/2023 19:22	65001 NEFF_T2	0	4	4	0	0.1	0.1	-0.85	-0.84	1	1	0	1200	1200	0
12/11/2023 19:22	67603 WARW_T1	2	2	0	1.9	0	-1.9	0	0	0	0	0	0	0	0
12/11/2023 19:23	43201 MVIL_T2	0	2	2	0	0	0	0	0	0	0	0	0	0	0
12/11/2023 19:23	67605 WARW_T1	4	17	13	3.53	0	-3.53	-0.91	-0.92	0	0	0	0	0	0
12/11/2023 19:25	48302 ORWI_T2	2	2	0	0.9	1	0.1	-0.49	-0.54	0	0	0	0	0	0
12/11/2023 19:29	67603 WARW_T1	2	2	0	1.9	0	-1.9	0	0	0	0	0	0	0	0
12/11/2023 19:29	43401 BENT_T1	0	1	1	0	0	0	0	0	0	0	0	0	0	0
12/11/2023 19:30	67605 WARW_T1	5	16	11	1.64	0	-1.64	-0.91	-0.92	0	0	0	0	0	0
12/11/2023 19:31	67605 WARW_T1	5	16	11	1.64	0	-1.64	-0.91	-0.92	0	0	0	0	0	0
12/11/2023 19:31	43402 BENT_T1	3	4	1	0.87	0	-0.87	-0.92	-0.93	2	1	-1	1500	900	-600
12/11/2023 19:32	43402 BENT_T1	3	4	1	0.87	0	-0.87	-0.92	-0.93	2	1	-1	1500	900	-600
12/11/2023 19:32	67605 WARW_T1	5	16	11	1.64	0	-1.64	-0.91	-0.92	0	0	0	0	0	0
12/11/2023 19:33	41902 REED_T1	39	39	0	0.46	0.6	0.14	1.23	1.15	0	0	0	0	0	0
12/11/2023 19:33	43401 BENT_T1	0	1	1	0	0.3	0.3	0	0	0	0	0	0	0	0
12/11/2023 19:33	67605 WARW_T1	5	16	11	1.64	0	-1.64	-0.91	-0.92	0	0	0	0	0	0
12/11/2023 19:34	43402 BENT_T1	3	4	1	0.87	0	-0.87	-0.92	-0.93	2	1	-1	1500	900	-600
12/11/2023 19:34	67605 WARW_T1	5	16	11	1.64	0	-1.64	-0.91	-0.92	0	0	0	0	0	0
12/11/2023 19:35	43401 BENT_T1	0	1	1	0	0.3	0.3	0	0	0	0	0	0	0	0
12/11/2023 19:35	67605 WARW_T1	5	16	11	1.64	0	-1.64	-0.91	-0.92	0	0	0	0	0	0
12/11/2023 19:36	43401 BENT_T1	0	1	1	0	0.3	0.3	0	0	0	0	0	0	0	0
12/11/2023 19:36	67605 WARW_T1	5	16	11	1.64	0	-1.64	-0.91	-0.92	0	0	0	0	0	0
12/11/2023 19:37	43401 BENT_T1	0	1	1	0	0.3	0.3	0	0	0	0	0	0	0	0
12/11/2023 19:37	67603 WARW_T1	1	10	9	2.4	0	-2.4	0	0	0	0	0	0	0	0
12/11/2023 19:38	67605 WARW_T1	5	16	11	1.64	0	-1.64	-0.91	-0.92	0	0	0	0	0	0
12/11/2023 19:38	43402 BENT_T1	3	4	1	0.87	0	-0.87	-0.92	-0.93	1	1	0	900	900	0
12/11/2023 19:39	43402 BENT_T1	3	4	1	0.87	0	-0.87	-0.93	-0.94	1	1	0	900	900	0
12/11/2023 19:39	67603 WARW_T1	1	10	9	2.4	0	-2.4	0	0	0	0	0	0	0	0
12/11/2023 19:40	43401 BENT_T1	0	1	1	0	0.3	0.3	0	0	0	0	0	0	0	0
12/11/2023 19:40	67605 WARW_T1	5	16	11	1.64	0	-1.64	-0.92	-0.91	0	0	0	0	0	0
12/11/2023 19:41	67603 WARW_T1	1	10	9	2.4	0	-2.4	0	0	0	0	0	0	0	0
12/11/2023 19:41	43402 BENT_T1	3	4	1	0.87	0	-0.87	-0.93	-0.94	1	1

Appendix C - Grid Benefits Achieved in Each Instance of Active Management

12/11/2023 20:03	43401 BENT_T1	1	0	-1	0.3	0	-0.3	0	0	0	0	0	0	0
12/11/2023 20:04	67603 WARW_T1	9	8	-1	1.9	0	-1.9	0	0	0	0	0	0	0
12/11/2023 20:04	43401 BENT_T1	1	0	-1	0.3	0	-0.3	0	0	0	0	0	0	0
12/11/2023 20:05	67605 WARW_T1	4	16	12	1	0	-1	-0.91	-0.94	0	0	0	0	0
12/11/2023 20:05	43401 BENT_T1	1	0	-1	0.3	0	-0.3	0	0	0	0	0	0	0
12/11/2023 20:06	67603 WARW_T1	9	8	-1	1.9	0	-1.9	0	0	0	0	0	0	0
12/11/2023 20:06	43402 BENT_T1	0	1	1	0	0	0	-0.94	-0.93	1	1	0	900	900
12/11/2023 20:07	67603 WARW_T1	9	8	-1	1.9	0	-1.9	0	0	0	0	0	0	0
12/11/2023 20:07	43401 BENT_T1	1	0	-1	0.3	0	-0.3	0	0	0	0	0	0	0
12/11/2023 20:08	43402 BENT_T1	0	1	1	0	0	0	-0.93	-0.93	1	1	0	900	900
12/11/2023 20:08	67603 WARW_T1	9	8	-1	1.9	0	-1.9	0	0	0	0	0	0	0
12/11/2023 20:09	43402 BENT_T1	0	1	1	0	0	0	-0.93	-0.93	1	1	0	900	900
12/11/2023 20:09	67605 WARW_T1	4	16	12	1	0	-1	-0.94	-0.93	0	0	0	0	0
12/11/2023 20:10	67603 WARW_T1	9	8	-1	1.9	0	-1.9	0	0	0	0	0	0	0
12/11/2023 20:10	43401 BENT_T1	1	0	-1	0.3	0	-0.3	0	0	0	0	0	0	0
12/11/2023 20:11	67605 WARW_T1	4	16	12	1	0	-1	-0.94	-0.93	0	0	0	0	0
12/11/2023 20:12	67603 WARW_T1	9	8	-1	1.9	0	-1.9	0	0	0	0	0	0	0
12/11/2023 20:13	67605 WARW_T1	4	16	12	1	0	-1	-0.94	-0.93	0	0	0	0	0
12/11/2023 20:14	67603 WARW_T1	9	8	-1	1.9	0	-1.9	0	0	0	0	0	0	0
12/11/2023 20:15	67603 WARW_T1	2	11	9	1.25	0	-1.25	0	0	0	0	0	0	0
12/11/2023 20:15	65001 NEFF_T2	0	0	0	0	0	0	-0.92	-0.92	1	1	0	1200	1200
12/11/2023 20:16	67002 STHL_T2	53	65	12	0.16	0.17	0.01	0	0	0	0	0	0	0
12/11/2023 20:16	67605 WARW_T1	6	17	11	0.75	0	-0.75	-0.94	-0.93	0	0	0	0	0
12/11/2023 20:17	67603 WARW_T1	2	11	9	1.25	0	-1.25	0	0	0	0	0	0	0
12/11/2023 20:18	67605 WARW_T1	6	17	11	0.75	0	-0.75	-0.94	-0.93	0	0	0	0	0
12/11/2023 20:19	67605 WARW_T1	6	17	11	0.75	0	-0.75	-0.94	-0.93	0	0	0	0	0
12/11/2023 20:20	67603 WARW_T1	2	11	9	1.25	0	-1.25	0	0	0	0	0	0	0
12/11/2023 20:21	67603 WARW_T1	2	11	9	1.25	0	-1.25	0	0	0	0	0	0	0
12/11/2023 20:22	67605 WARW_T1	6	17	11	0.75	0	-0.75	-0.94	-0.93	0	0	0	0	0
12/11/2023 20:23	67603 WARW_T1	2	11	9	1.25	0	-1.25	0	0	0	0	0	0	0
12/11/2023 20:29	67605 WARW_T1	6	17	11	0.75	0	-0.75	-0.93	-1.01	0	0	0	0	0
12/11/2023 20:29	43402 BENT_T1	0	1	1	0	0	0	-0.93	-1.56	1	2	1	900	1500
12/11/2023 20:30	67605 WARW_T1	10	23	13	1.17	0	-1.17	-0.93	-1.01	0	0	0	0	0
12/11/2023 20:31	43402 BENT_T1	1	2	1	0.5	0	-0.5	-0.93	-1.56	1	2	1	900	1500
12/11/2023 20:31	67603 WARW_T1	6	25	19	2.08	0	-2.08	0	0	0	0	0	0	0
12/11/2023 20:32	29402 BELT_T1	1	1	0	7.2	7.4	0.2	0	0	0	0	0	0	0
12/11/2023 20:32	67603 WARW_T1	6	25	19	2.08	0	-2.08	0	0	0	0	0	0	0
12/11/2023 20:32	43402 BENT_T1	1	2	1	0.5	0	-0.5	-0.93	-1.56	1	2	1	900	1500
12/11/2023 20:33	67605 WARW_T1	10	23	13	1.17	0	-1.17	-0.93	-1.01	0	0	0	0	0
12/11/2023 20:33	43402 BENT_T1	1	2	1	0.5	0	-0.5	-0.93	-1.56	1	2	1	900	1500
12/11/2023 20:34	67603 WARW_T1	6	25	19	2.08	0	-2.08	0	0	0	0	0	0	0
12/11/2023 20:34	43402 BENT_T1	1	2	1	0.5	0	-0.5	-0.93	-1.56	1	2	1	900	1500
12/11/2023 20:35	67605 WARW_T1	10	23	13	1.17	0	-1.17	-0.93	-1.01	0	0	0	0	0
12/11/2023 20:35	43402 BENT_T1	1	2	1	0.5	0	-0.5	-0.93	-1.56	2	2	0	1500	1500
12/11/2023 20:36	67603 WARW_T1	6	25	19	2.08	0	-2.08	0	0	0	0	0	0	0
12/11/2023 20:36	43402 BENT_T1	1	2	1	0.5	0	-0.5	-0.93	-1.56	2	2	0	1500	1500
12/11/2023 20:37	67603 WARW_T1	6	25	19	2.08	0	-2.08	0	0	0	0	0	0	0
12/11/2023 20:37	43402 BENT_T1	1	2	1	0.5	0	-0.5	-0.93	-1.56	2	2	0	1500	1500
12/11/2023 20:38	67603 WARW_T1	6	25	19	2.08	0	-2.08	0	0	0	0	0	0	0
12/11/2023 20:38	43402 BENT_T1	1	2	1	0.5	0	-0.5	-0.93	-1.56	2	2	0	1500	1500
12/11/2023 20:39	67605 WARW_T1	10	23	13	1.17	0	-1.17	-1.01	-1	0	0	0	0	0
12/11/2023 20:39	43402 BENT_T1	1	2	1	0.5	0	-0.5	-1.56	-0.94	2	2	0	1500	1500
12/11/2023 20:40	40101 HUNT_T2	255	182	-73	0.95	0.66	-0.29	-1.24	-1.22	0	0	0	0	0
12/11/2023 20:40	67605 WARW_T1	10	23	13	1.17	0	-1.17	-1.01	-1	0	0	0	0	0
12/11/2023 20:40	43402 BENT_T1	1	2	1	0.5	0	-0.5	-1.56	-0.94	2	2	0	1500	1500
12/11/2023 20:41	67605 WARW_T1	10	23	13	1.17	0	-1.17	-1.01	-1	0	0	0	0	0
12/11/2023 20:41	43402 BENT_T1	1	2	1	0.5	0	-0.5	-1.56	-0.94	2	2	0	1500	1500
12/11/2023 20:42	67603 WARW_T1	6	25	19	2.08	0	-2.08	0	0	0	0	0	0	0
12/11/2023 20:42	43402 BENT_T1	1	2	1	0.5	0	-0.5	-1.56	-0.94	2	2	0	1500	1500
12/11/2023 20:43	43402 BENT_T1	1	2	1	0.5	0	-0.5	-1.56	-0.94	2	2	0	1500	1500
12/11/2023 20:44	43402 BENT_T1	1	2	1	0.5	0	-0.5	-1.56	-0.94	2	2	0	1500	1500
12/11/2023 20:44	67603 WARW_T1	6	25	19	2.08	0	-2.08	0	0	0	0	0	0	0
12/11/2023 20:45	67603 WARW_T1	5	52	47	2.1	0	-2.1	0	0	0	0	0	0	0
12/11/2023 20:45	43402 BENT_T1	0	2	2	0	0	0	-1.56	-0.94	2	2	0	1500	1500
12/11/2023 20:46	65001 NEFF_T2	0	19	19	0	0.13	0.13	-0.89	-0.82	1	1	0	1200	1200
12/11/2023 20:46	43402 BENT_T1	0	2	2	0	0	0	-1.56	-0.94	2	2	0	1500	1500
12/11/2023 20:46	67603 WARW_T1	5	52	47	2.1	0	-2.1	0	0	0	0	0	0	0
12/11/2023 20:47	67603 WARW_T1	5	52	47	2.1	0	-2.1	0	0	0	0	0	0	0
12/11/2023 20:47	43402 BENT_T1	0	2	2	0	0	0	-1.56	-0.94	2	2	0	1500	1500
12/11/2023 20:48	67603 WARW_T1	5	52	47	2.1	0	-2.1	0	0	0	0	0	0	0
12/11/2023 20:48	43402 BENT_T1	0	2	2	0	0	0	-1.56	-0.94	2	2	0	1500	1500
12/11/2023 20:49	67605 WARW_T1	7	40	33	1	0	-1	-1.01	-1	0	0	0	0	0
12/11/2023 20:49	43402 BENT_T1	0	2	2	0	0	0	-1.56	-0.94	2	2	0	1500	1500
12/11/2023 20:50	67605 WARW_T1	7	40	33	1	0	-1	-1.01	-1	0	0	0	0	0
12/11/2023 20:51	67605 WARW_T1	7	40	33	1	0	-1	-1.01	-1	0	0	0	0	0
12/11/2023 20:51	43402 BENT_T1	0	2	2	0	0	0	-1.56	-0.94	2	2	0	1500	1500
12/11/2023 20:52	67603 WARW_T1	5	52	47	2.1	0	-2.1	0	0	0	0	0	0	0
12/11/2023 20:52	43402 BENT_T1	0	2	2	0	0	0	-1.56	-0.94	2	2	0	1500	1500
12/11/2023 20:53	67605 WARW_T1	7	40	33	1	0	-1	-1	-1	0	0	0	0	0
12/11/2023 20:53	43402 BENT_T1	0	2	2	0	0	0	-1.56	-0.94	2	2	0	1500	1500
12/11/2023 20:54	67603 WARW_T1	5	52	47	2.1	0	-2.1	0	0	0	0	0	0	0
12/11/2023 20:54	43402 BENT_T1	0	2	2	0	0	0	-0.94	-0.93	2	2	0	1500	1500
12/11/2023 20:55	67603 WARW_T1	5	52	47	2.1	0	-2.1	0	0	0	0	0	0	0
12/11/2023 20:55	43402 BENT_T1	0	2	2	0	0	0	-0.94	-0.93	2	2	0	1500	1500
12/11/2023 20:56	67603 WARW_T1	5	52	47	2.1	0	-2.1	0	0	0	0	0	0	0
12/11/2023 20:56	43402 BENT_T1	0	2	2	0	0	0	-0.94	-0.93	2	2	0	1500	1500
12/11/2023 20:57	67605 WARW_T1	7	40	33	1	0	-1	-1	-1.05	0	0	0	0	0
12/11/2023 20:57	43402 BENT_T1	0	2	2	0	0	0	-0.94	-0.93	2	2	0	1500	1500
12/11/2023 20:58	43402 BENT_T1	0	2	2	0	0	0	-0.94	-0.93	2	2	0	1500	1500
12/11/2023 20:58	67605 WARW_T1	7	40	33	1	0	-1	-1	-1.05	0	0	0	0	0
12/11/2023 20:59	43402 BENT_T1	0	2	2	0	0	0	-0.94	-0.93	2	2	0	1500	1500
12/11/2023 20:59	67605 WARW_T1	7	40	33	1	0	-1	-1	-1.05	0	0	0	0	0
12/11/2023 21:00	43402 BENT_T1	2	0	-2	0.85	0	-0.85	-0.94	-0.93	2	2	0	1500	1500
12/11/2023 21:00	67605 WARW_T1	16	73	57	0.67	0.1	-0.57	-1	-1.05	0	0	0	0	0
12/11/2023 21:01	43402 BENT_T1	2	0	-2	0.85	0	-0.85	-0.94	-0.93	2	2	0	1500	1500
12/11/2023 21:01	67605 WARW_T1	16	73	57	0.67	0.1	-0.57	-1	-1.05	0	0	0	0	0
12/11/2023 21:02	67605 WARW_T1	16	73	57	0.67	0.1	-0.57	-1	-1.05	0	0	0	0	0
12/11/2023 21:02	43402 BENT_T1	2	0	-2	0.85	0	-0.85	-0.94	-0.93	2	2	0	1500	1500
12/11/2023 21:03	43402 BENT_T1	2	0	-2	0.85	0	-0.85	-0.94	-0.93	2	2	0	1500	1500
12/11/2023 21:04	67603 WARW_T1	20	42	22	1.84	0	-1.84	0	0	0	0	0	0	0
12/11/2023 21:04	43402 BENT_T1	2	0	-2	0.85	0	-0.85	-0.94	-0.93	2	2	0	1500	1500
12/11/2023 21:05	67603 WARW_T1	20	42	22	1.84	0	-1.84	0	0	0	0	0	0	0
12/11/2023 21:05	43402 BENT_T1	2	0	-2	0.85	0	-0.85	-0.94	-0.93	2	1	-1	1500	900
12/11/2023 21:06	67605 WARW_T1	16	73	57	0.67	0.1	-0.57	-1	-1.05	0	0	0	0	0
12/11/2023 21:06	43402 BENT_T1	2	0	-2	0.85	0	-0.85	-0.94	-0.93	2	1	-1	1500	900
12/11/2023 21:07	67605 WARW_T1	16	73	57	0.67	0.1	-0.57	-1	-1.05	0	0	0	0	0
12/11/2023 21:07	43402 BENT_T1	2	0	-2	0.85	0	-0.85	-0.94	-0.93	2	1	-1	1500	900
12/11/2023 21:08	43402 BENT_T1	2	0	-2	0.85	0	-0.85	-0.94	-0.93	2	1	-1	1500	900
12/11/2023 21:08	67605 WARW_T1	16	73	57	0.67	0.1	-0.57	-1.05	-1.05	0	0	0	0	0
12/11/2023 21:08	65001 NEFF_T2	0	40	40	0	0.14	0.14	-0.82	-0.92	1	1	0	1200	1200
12/11/2023 21:09	67605 WARW_T1	16	73	57	0.67	0.1	-0.57	-1.05	-1.06	0	0	0	0	0
12/11/2023 21:09	43402 BENT_T1	2	0	-2	0.85	0	-0.85	-0.93	-0.91	2	1	-1	1500	900
12/11/2023 21:10	67605 WARW_T1	16	73	57	0.67	0.1	-0.57	-1.05	-1.06	0	0	0	0	0
12/11/2023 21:10	43402 BENT_T1	2	0	-2	0.85	0	-0.85	-0.93	-0.91	2	1	-1	1500	900
12/11/2023 21:11	67605 WARW_T1	16	73	57	0.67	0.1	-0.57	-1.05	-1.06	0	0	0	0	0
12/11/2023 21:12	67603 WARW_T1	20	42	22	1.84	0	-1.84	0	0	0	0	0	0	0
12/11/2023 21:12	26401 INOR_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
12/11/2023 21:13	67603 WARW_T1	20	42	22	1.84	0	-1.84	0	0	0	0	0	0	0
12/11/2023 21:14	67603 WARW_T1	20	42	22	1.84	0	-1.84	0	0	0	0	0	0	0
12/11/2023 21:15	67603 WARW_T1	32	41	9	1.53	0	-1.53	0	0	0	0	0	0	0
12/11/2023 21:16	67605 WARW_T1	24	113	89	0.82	0.17	-0.65	-1.05	-1.06	0	0	0	0	0
12/11/2023 21:17	67603 WARW_T1	32	41	9	1.53	0	-1.53	0	0	0	0	0	0	0
12/11/2023 21:18	67605 WARW_T1	24	113	89	0.82	0.17	-0.65	-1.05	-1.06	0	0	0	0	0
12/11/2023 21:19	67605 WARW_T1	24	113	89	0.82	0.17	-0.65	-1.05	-1.06	0	0	0	0	0
12/11/2023 21:20	67605 WARW_T1	24	113	89	0.82	0.17	-0.65	-1.05	-1.06	0	0	0	0	0
12/11/2023 21:21	67603 WARW_T1	32	41	9	1.53	0	-1.53	0	0	0	0	0	0	0
12/11/2023 21:22	67603 WARW_T1	32	41	9	1.53	0	-1.53	0	0	0	0	0	0	0
12/11/2023 21:23	67605 WARW_T1	24	113	89	0.82	0.17	-0.65	-1.06	-1.02	0	0	0	0	0
12/11/2023 21:29	67605 WARW_T1	24	113	89	0.82	0.17	-0.65	-1.06	-1.02	0	0	0	0	0
12/11/2023 21:29	43402 BENT_T1	0	0	0	0	0	0	-0.91	-1.57	1	2	1	900	1500
12/11/2023 21:30	67605 WARW_T1	49	170	121	0.62	0.16	-0.46	-1.06	-1.02	0	0	0	0	0
12/11/2023 21:31	67603 WARW_T1	10	74	64	1.18	0	-1.18	0	0	0	0	0	0	0
12/11/2023 21:31	43402 BENT_T1	0	0	0	0	0	0	-0.91	-1.57	1	2	1	900	1500
12/11/2023 21:32	67603 WARW_T1	10	74	64	1.18	0	-1.18	0	0	0	0	0	0	0
12/11/2023 21:32	43402 BENT_T1	0	0	0	0	0	0	-0.91	-1.57	1	2	1	900	1500
12/11/2023 21:33	67603 WARW_T1	10	74	64	1.18	0	-1.18	0	0	0	0	0	0	0
12/11/2023 21:33	43402 BENT_T1	0	0	0	0	0	0	-0.91	-1.57	1	2	1	900	1500
12/11/2023 21:34	67605 WARW_T1	49	170	121	0.62	0.16	-0.46	-1.06	-1.02	0	0	0	0	0
12/11/2023 21:34	65001 NEFF_T2	40	192	152	0.13	0.2	0.07	-0.96	-0.95	1	1	0	1200	1200
12/11/2023 21:34	43402 BENT_T1	0	0	0	0	0	0	-0.91	-1.57	1	2	1	900	1500
12/11/2023 21:35	67603 WARW_T1	10	74	64	1.18	0	-1.18	0	0	0	0	0	0	0
12/11/2023 21:35	43402 BENT_T1	0	0	0	0	0	0	-0.91	-1.57	2	1	-1	1500	900
12/11/2023 21:36	67605 WARW_T1	49	170	121	0.62	0.16	-0.46	-1.06	-1.02	0	0	0	0	0
12/11/2023 21:36	43402 BENT_T1	0	0	0	0	0	0	-0.91	-1.57	2	1	-1	1500	900
12/11/2023 21:37	67605 WARW_T1	49	170	121	0.62	0.16	-0.46	-1.06	-1.02	0	0	0	0	0
12/11/2023 21:37	43402 BENT_T1	0	0	0	0	0	0	-0.91	-1.57	2	1	-1	1500	900
12/11/2023 21:38	67605 WARW_T1	49	170	121	0.62	0.16	-0.46	-1.02	-1.1	0	0	0	0	0
12/11/2023 21:38	43402 BENT_T1	0	0	0	0	0	0	-0.91	-1	2	1	-1	1500	900
12/11/2023 21:39	43402 BENT_T1	0	0	0	0	0	0	-1.57	-1	2	1	-1	1500	900
12/11/2023 21:39	67605 WARW_T1	49	170	121	0.62	0.16	-0.46	-1.02	-1.1	0	0	0	0	0
12/11/2023 21:40	43402 BENT_T1	0	0	0	0	0	0	-1.57	-1	2	1	-1	1500	900
12/11/2023 21:40	67603 WARW_T1	10	74	64	1.18	0	-1.18	0	0	0	0	0	0	0
12/11/2023 21:41	43402 BENT_T1	0	0	0	0	0	0	-1.57	-1	2	1	-1	1500	900
12/11/2023 21:41	67603 WARW_T1	10	74	64	1.18	0	-1.18	0	0	0	0	0	0	0
12/11/2023 21:42	67605 WARW_T1	49	170	121	0.62	0.16	-0.46	-1.02	-1.1	0	0	0	0	0
12/11/2023 21:42	43402 BENT_T1	0	0	0	0	0	0	-1.57	-1	2	1	-1	1500	900
12/11/2023 21:43	43402 BENT_T1	0	0	0	0	0	0	-1.57	-1	2	1	-1	1500	900
12/11/2023 21:44	67605 WARW_T1	49	170	121	0.62	0.16	-0.46	-1.02	-1.1	0	0	0	0	0
12/11/2023 21:44	43402 BENT_T1	0	0	0	0	0	0	-1.57	-1	2	1	-1	1500	900
12/11/2023 21:45	43402 BENT_T1	0	0	0	0	0	0	-1.57	-1	2	1	-1	1500	900
12/11/2023 21:45	67603 WARW_T1	31	43	12	1.24	0	-1.24	0	0	0	0	0	0	0
12/11/2023 21:46	43402 BENT_T1	0	0	0	0	0	0	-1.57	-1	2	1	-1	1500	900
12/11/2023 21:46	67603 WARW_T1	31	43	12	1.24	0	-1.24	0	0	0	0	0	0	0
12/11/2023 21:47	43402 BENT_T1	0	0	0	0	0	0	-1.57	-1	2	1	-1	1500	900
12/11/2023 21:48	43402 BENT_T1	0	0	0	0	0	0	-1.57	-1	2	1	-1	1500	900
12/11/2023 21:49	43402 BENT_T1	0	0	0	0	0	0	-1.57	-1	2	1	-1	1500	900
12/11/2023 21:51	43402 BENT_T1	0	0	0	0	0	0	-1.57	-1	1	1	0	900	900
12/11/2023 21:52	43402 BENT_T1	0	0	0	0	0	0	-1.57	-1	1	1	0	900	900
12/11/2023 21:53	43402 BENT_T1	0	0	0	0	0	0	-1	-0.97	1	1	0	900	900
12/11/2023 21:54	43402 BENT_T1	0	0	0	0	0	0	-1	-0.97	1	1	0	900	900
12/11/2023 21:55	43402 BENT_T1	0	0	0	0	0	0	-1	-0.97	1	1	0	900	900
12/11/2023 21:56	43402 BENT_T1	0	0	0	0	0	0	-1	-0.97	1	1	0	900	900
12/11/2023 21:57	43402 BENT_T1	0	0	0	0	0	0	-1	-0.97	1	1	0	900	900
12/11/2023 21:58	43402 BENT_T1	0	0	0	0	0	0	-1	-0.97	1	1	0	900	900
12/11/2023 21:58	67603 WARW_T1	31	43	12	1.24	0	-1.24	0	0	0	0	0	0	0
12/11/2023 21:59	43402 BENT_T1	0	0	0	0	0	0	-1	-0.97	1	1	0	900	900
12/11/2023 22:00	43402 BENT_T1	0	0	0	0	0	0	-1	-0.97	1	1	0	900	900
12/11/2023 22:01	43402 BENT_T1	0	0	0	0	0	0	-1	-0.97	1	1	0	900	900
12/11/2023 22:02	43402 BENT_T1	0	0	0	0	0	0	-1	-0.97	1	1	0	900	900
12/11/2023 22:03	43402 BENT_T1	0	0	0	0	0	0	-1	-0.97	1	1	0	900	900
12/11/2023 22:04	43402 BENT_T1	0	0	0	0	0	0	-1	-0.97	1	1	0	900	900
12/11/2023 22:05	43402 BENT_T1	0	0	0	0	0	0	-1	-0.97	1	1	0	900	900
12/11/2023 22:06	43402 BENT_T1	0	0	0	0	0	0	-1	-0.97	1	1	0	900	900
12/11/2023 22:07	43402 BENT_T1	0	0	0	0	0	0	-1	-0.97	1	1	0	900	900
12/11/2023 22:08	43402 BENT_T1	0	0	0	0	0	0	-1	-0.97	1	1	0	900	900
12/11/2023 22:09	43402 BENT_T1	0	0	0	0	0	0	-0.97	-0.97	1	1	0	900	900
12/11/2023 22:10	65001 NEFF_T2	191	1	-190	0.2	0	-0.2	-1.07	-1	1	1	0	1200	1200
12/11/2023 22:10	43402 BENT_T1	0	0	0	0	0	0	-0.97	-0.97	1	1

12/11/2023 23:03	43401 BENT_T1	0	1	1	0	0	0	0	0	0	0	0	0	0
12/11/2023 23:04	43401 BENT_T1	0	1	1	0	0	0	0	0	0	0	0	0	0
12/11/2023 23:05	43402 BENT_T1	0	0	0	0	0	-0.96	-1.58	2	2	0	1500	1500	0
12/11/2023 23:06	43402 BENT_T1	0	0	0	0	0	-0.96	-1.58	2	2	0	1500	1500	0
12/11/2023 23:07	43402 BENT_T1	0	0	0	0	0	-0.96	-1.58	2	2	0	1500	1500	0
12/11/2023 23:08	43402 BENT_T1	0	0	0	0	0	-0.96	-1.58	2	2	0	1500	1500	0
12/11/2023 23:09	43401 BENT_T1	0	1	1	0	0	0	0	0	0	0	0	0	0
12/11/2023 23:10	43401 BENT_T1	0	1	1	0	0	0	0	0	0	0	0	0	0
12/11/2023 23:15	50202 HARR_T3	0	1	1	0	0	0	0	0	0	0	0	0	0
12/11/2023 23:29	43402 BENT_T1	0	0	0	0	0	-1.61	-1.58	2	2	0	1500	1500	0
12/11/2023 23:31	43402 BENT_T1	0	0	0	0	0	-1.61	-1.58	2	2	0	1500	1500	0
12/11/2023 23:32	43402 BENT_T1	0	0	0	0	0	-1.61	-1.58	2	2	0	1500	1500	0
12/11/2023 23:33	43401 BENT_T1	0	1	1	0	0	0	0	0	0	0	0	0	0
12/11/2023 23:34	43401 BENT_T1	0	1	1	0	0	0	0	0	0	0	0	0	0
12/11/2023 23:35	43402 BENT_T1	0	0	0	0	0	-1.61	-1.58	2	2	0	1500	1500	0
12/11/2023 23:36	43402 BENT_T1	0	0	0	0	0	-1.61	-1.58	2	2	0	1500	1500	0
12/11/2023 23:37	43402 BENT_T1	0	0	0	0	0	-1.61	-1.58	2	2	0	1500	1500	0
12/11/2023 23:38	43402 BENT_T1	0	0	0	0	0	-1.61	-1.59	2	2	0	1500	1500	0
12/11/2023 23:39	43402 BENT_T1	0	0	0	0	0	-1.58	-1.59	2	2	0	1500	1500	0
12/11/2023 23:40	43402 BENT_T1	0	0	0	0	0	-1.58	-1.59	2	2	0	1500	1500	0
12/11/2023 23:41	43402 BENT_T1	0	0	0	0	0	-1.58	-1.59	2	2	0	1500	1500	0
12/11/2023 23:42	43402 BENT_T1	0	0	0	0	0	-1.58	-1.59	2	2	0	1500	1500	0
12/11/2023 23:42	65001 NEFF_T2	0	0	0	0	0	-1.17	-1.14	1	1	0	1200	1200	0
12/11/2023 23:43	43401 BENT_T1	0	1	1	0	0	0	0	0	0	0	0	0	0
12/11/2023 23:44	43401 BENT_T1	0	1	1	0	0	0	0	0	0	0	0	0	0
12/11/2023 23:45	43402 BENT_T1	0	0	0	0	0	-1.58	-1.59	2	2	0	1500	1500	0
12/11/2023 23:46	43401 BENT_T1	0	1	1	0	0.1	0.1	0	0	0	0	0	0	0
12/11/2023 23:47	43402 BENT_T1	0	0	0	0	0	-1.58	-1.59	2	2	0	1500	1500	0
12/11/2023 23:48	43401 BENT_T1	0	1	1	0	0.1	0.1	0	0	0	0	0	0	0
12/11/2023 23:49	43402 BENT_T1	0	0	0	0	0	-1.58	-1.59	2	2	0	1500	1500	0
12/11/2023 23:51	43401 BENT_T1	0	1	1	0	0.1	0.1	0	0	0	0	0	0	0
12/11/2023 23:52	43402 BENT_T1	0	0	0	0	0	-1.58	-1.59	2	2	0	1500	1500	0
12/11/2023 23:53	43402 BENT_T1	0	0	0	0	0	-1.59	-1.6	2	2	0	1500	1500	0
12/11/2023 23:54	43401 BENT_T1	0	1	1	0	0.1	0.1	0	0	0	0	0	0	0
12/11/2023 23:55	43402 BENT_T1	0	0	0	0	0	-1.59	-1.6	2	2	0	1500	1500	0
12/11/2023 23:56	43402 BENT_T1	0	0	0	0	0	-1.59	-1.6	2	2	0	1500	1500	0
12/11/2023 23:57	43401 BENT_T1	0	1	1	0	0.1	0.1	0	0	0	0	0	0	0
12/11/2023 23:58	43401 BENT_T1	0	1	1	0	0.1	0.1	0	0	0	0	0	0	0
12/11/2023 23:59	43402 BENT_T1	0	0	0	0	0	-1.59	-1.6	2	2	0	1500	1500	0
12/12/2023 0:00	43402 BENT_T1	0	0	0	0	0	-1.59	-1.6	2	2	0	1500	1500	0
12/12/2023 0:01	43401 BENT_T1	1	1	0	0.6	0	-0.6	0	0	0	0	0	0	0
12/12/2023 0:01	65001 NEFF_T2	0	0	0	0	0	0	-1.14	-1.26	1	1	0	1200	1200	0
12/12/2023 0:02	43402 BENT_T1	0	0	0	0	0	0	-1.59	-1.6	2	2	0	1500	1500	0
12/12/2023 0:03	43401 BENT_T1	1	1	0	0.6	0	-0.6	0	0	0	0	0	0	0	0
12/12/2023 0:04	43401 BENT_T1	1	1	0	0.6	0	-0.6	0	0	0	0	0	0	0	0
12/12/2023 0:05	43401 BENT_T1	1	1	0	0.6	0	-0.6	0	0	0	0	0	0	0	0
12/12/2023 0:06	43401 BENT_T1	1	1	0	0.6	0	-0.6	0	0	0	0	0	0	0	0
12/12/2023 0:07	43401 BENT_T1	1	1	0	0.6	0	-0.6	0	0	0	0	0	0	0	0
12/12/2023 0:08	43401 BENT_T1	1	1	0	0.6	0	-0.6	0	0	0	0	0	0	0	0
12/12/2023 0:09	43401 BENT_T1	1	1	0	0.6	0	-0.6	0	0	0	0	0	0	0	0
12/12/2023 0:10	43402 BENT_T1	0	0	0	0	0	0	-1.6	-1.59	2	2	0	1500	1500	0
12/12/2023 0:30	43402 BENT_T1	0	0	0	0	0	0	-1.59	-1.6	2	2	0	1500	1500	0
12/12/2023 0:31	43402 BENT_T1	0	0	0	0	0	0	-1.59	-1.6	2	2	0	1500	1500	0
12/12/2023 0:42	65001 NEFF_T2	0	0	0	0	0	0	-1.27	-1.24	1	1	0	1200	1200	0
12/12/2023 1:08	65001 NEFF_T2	0	0	0	0	0	0	-1.24	-1.25	1	1	0	1200	1200	0
12/12/2023 3:37	25402 LAHA_T2	0	3	3	0	0	0	0.44	0.45	0	0	0	0	0	0
12/12/2023 3:51	65001 NEFF_T2	0	0	1	0	0	0	-1.25	-1.24	1	1	0	1200	1200	0
12/12/2023 4:30	46001 BERW_T1	0	0	0	0	0	0	0.59	0.58	0	0	0	0	0	0
12/12/2023 6:07	65001 NEFF_T2	0	0	0	0	0	0	-0.94	-0.86	1	1	0	1200	1200	0
12/12/2023 6:38	65001 NEFF_T2	0	0	0	0	0	0	-0.78	-0.68	1	1	0	1200	1200	0
12/12/2023 7:31	65001 NEFF_T2	0	0	0	0	0	0	-0.5	-0.53	1	1	0	1200	1200	0
12/12/2023 7:47	65001 NEFF_T2	0	0	0	0	0	0	-0.53	-0.5	1	1	0	1200	1200	0
12/12/2023 7:53	45501 DERR_T2	9	10	1	0.54	0.55	0.01	1.17	1.11	2	2	0	1800	1800	0
12/12/2023 7:59	40101 HUNT_T2	388	312	-76	0.96	0.68	-0.28	-0.38	-0.24	0	0	0	0	0	0
12/12/2023 8:01	46903 MNTG_T2	0	0	0	0	0	0	0.3	0.27	1	1	0	600	600	0
12/12/2023 8:05	25402 LAHA_T2	14	8	-6	0.44	0.48	0.04	0.39	0.39	0	0	0	0	0	0
12/12/2023 8:09	45502 DERR_T2	18	15	-3	0.47	0.75	0.28	0	0	0	0	0	0	0	0
12/12/2023 8:09	43304 WATS_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/12/2023 8:13	65001 NEFF_T2	0	0	0	0	0	0	-0.46	-0.32	1	1	0	1200	1200	0
12/12/2023 8:17	54701 NEBL_T1	0	0	0	0	0	0	0	0	1	1	0	600	600	0
12/12/2023 8:19	49803 UNIV_T1	10	20	10	0.11	0.18	0.07	-1.06	-1.08	0	0	0	0	0	0
12/12/2023 8:21	54701 NEBL_T1	0	0	0	0	0	0	0	0	1	1	0	600	600	0
12/12/2023 8:33	55002 NEWP_T1	5	8	3	0.98	0.84	-0.14	-0.15	-0.15	0	0	0	0	0	0
12/12/2023 8:38	67103 SPRI_T1	0	0	0	0	0	0	-0.1	-0.07	0	0	0	0	0	0
12/12/2023 8:51	53601 DALM_T2	1	4	3	0.6	0.5	-0.1	-0.21	-0.22	0	0	0	0	0	0
12/12/2023 8:59	46903 MNTG_T2	0	0	0	0	0	0	0.29	0.04	1	1	0	600	600	0
12/12/2023 9:00	53903 HALI_T2	2	2	0	0.9	1.2	0.3	-0.25	-0.24	0	0	0	0	0	0
12/12/2023 9:00	67103 SPRI_T1	0	0	0	0	0	0	-0.06	-0.11	0	0	0	0	0	0
12/12/2023 9:00	50102 HARR_T3	0	2	2	0	0	0	0	0	0	0	0	0	0	0
12/12/2023 9:00	46903 MNTG_T2	0	0	0	0	0	0	0.58	0.08	2	2	0	1200	1200	0
12/12/2023 9:00	47401 PENS_T1	6	11	5	0.57	0.25	-0.32	-0.37	-0.32	0	0	0	0	0	0
12/12/2023 9:00	52101 MEIS_T1	1	1	0	0.4	0.4	0	0	0	0	0	0	0	0	0
12/12/2023 9:00	67502 WEWI_T2	1	1	0	0.2	0.3	0.1	0	0	0	0	0	0	0	0
12/12/2023 9:00	46901 MNTG_T2	0	0	0	0	0	0	1.79	1.74	0	0	0	0	0	0
12/12/2023 9:00	46004 BERW_T2	0	0	0	0	0	0	-0.3	-0.34	0	0	0	0	0	0
12/12/2023 9:00	43304 WATS_T2	0	1	1	0	0	0	0	0	0	0	0	0	0	0
12/12/2023 9:00	66901 SHIL_T2	40	81	41	0.13	0.16	0.03	-1.55	-1.55	1	1	0	1200	1200	0
12/12/2023 9:01	40505 CRES_T1	0	0	0	0	0	0	0.57	0.56	0	0	0	0	0	0
12/12/2023 9:02	65904 SAKR_T2	1	0	-1	3.3	0	-3.3	0	0	0	0	0	0	0	0
12/12/2023 9:03	62103 ELAN_T1	1	1	0	0.2	0.2	0	0	0	0	0	0	0	0	0
12/12/2023 9:06	62103 ELAN_T1	1	1	0	0.2	0.2	0	0	0	0	0	0	0	0	0
12/12/2023 9:06	43304 WATS_T2	0	1	1	0	0	0	0	0	0	0	0	0	0	0
12/12/2023 9:07	62105 ELAN_T1	1	0	-1	0.1	0	-0.1	0	0	0	0	0	0	0	0
12/12/2023 9:07	62103 ELAN_T1	0	0	0	0	0	0	0.82	0.75	0	0	0	0	0	0
12/12/2023 9:07	67103 SPRI_T1	0	0	0	0	0	0	-0.06	-0.11	0	0	0	0	0	0
12/12/2023 9:07	67401 WAKE_T2	0	0	0	0	0	0	-1.05	-1.06	0	0	0	0	0	0
12/12/2023 9:08	41901 REED_T1	9	11	2	0.38	0.55	0.17	0	0	0	0	0	0	0	0
12/12/2023 9:09	67503 WEWI_T2	0	0	0	0	0	0	0.01	-0.05	0	0	0	0	0	0
12/12/2023 9:09	47403 PENS_T1	1	11	10	0.6	0.31	-0.29	0	0	0	0	0	0	0	0
12/12/2023 9:09	45501 DERR_T2	2	1	-1	0.2	0.1	-0.1	1.04	0.87	2	2	0	1800	1800	0
12/12/2023 9:10	47403 PENS_T1	1	11	10	0.6	0.31	-0.29	0	0	0	0	0	0	0	0
12/12/2023 9:12	40101 HUNT_T2	331	302	-29	0.99	0.73	-0.26	-0.4	-0.36	0	0	0	0	0	0
12/12/2023 9:12	45501 DERR_T2	2	1	-1	0.2	0.1	-0.1	1.04	0.87	2	2	0	1800	1800	0
12/12/2023 9:12	56802 BENV_T2	71	99	28	0.24	0.22	-0.02	-1.32	-1.25	0	0	0	0	0	0
12/12/2023 9:16	40101 HUNT_T2	291	263	-28	0.97	0.73	-0.24	-0.4	-0.36	0	0	0	0	0	0
12/12/2023 9:17	40101 HUNT_T2	291	263	-28	0.97	0.73	-0.24	-0.4	-0.36	0	0	0	0	0	0
12/12/2023 9:18	54701 NEBL_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/12/2023 9:20	55002 NEWP_T1	7	7	0	0.73	0.73	0	-0.17	-0.15	0	0	0	0	0	0
12/12/2023 9:22	43402 BENT_T1	0	0	0	0	0	0	-1.33	-1.35	2	2	0	1500	1500	0
12/12/2023 9:23	67204 TEHI_T2	0	0	0	0	0	0	0.02	0.1	0	0	0	0	0	0
12/12/2023 9:24	29402 BELT_T1	1	1	0	7.2	7.2	0	0	0	0	0	0	0	0	0
12/12/2023 9:24	67202 TEHI_T2	0	2	2	0	0	0	0	0	0	0	0	0	0	0
12/12/2023 9:26	43402 BENT_T1	0	0	0	0	0	0	-2.69	-2.65	4	4	0	3000	3000	0
12/12/2023 9:28	41801 GOCI_T2	1	2	1	0.1	0.2	0.1	0	0	0	0	0	0	0	0
12/12/2023 9:30	41801 GOCI_T2	1	2	1	0.1	0.35	0.25	0	0	0	0	0	0	0	0
12/12/2023 9:36	41902 REED_T1	1	0	-1	0.2	0	-0.2	0.34	0.33	1	1	0	900	900	0
12/12/2023 9:36	56501 ROCK_T2	8	150	142	1.15	0.2	-0.95	-1.7	-1.72	0	0	0	0	0	0
12/12/2023 9:37	56802 BENV_T2	6	15	9	0.25	0.25	0	-2.5	-2.52	0	0	0	0	0	0
12/12/2023 9:37	41901 REED_T1	11	10	-1	0.55	0.59	0.04	0	0	0	0	0	0	0	0
12/12/2023 9:37	56501 ROCK_T2	8	150	142	1.15	0.2	-0.95	-1.7	-1.72	0	0	0	0	0	0
12/12/2023 9:38	56501 ROCK_T2	8	150	142	1.15	0.2	-0.95	-6.78	-6.86	0	0	0	0	0	0
12/12/2023 9:38	47402 PENS_T1	119	119	0	2.41	2.71	0.3	0	0	0	0	0	0	0	0
12/12/2023 9:38	16302 ALPA_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/12/2023 9:40	47403 PENS_T1	1	1	0	1	1.3	0.3	0	0	0	0	0	0	0	0
12/12/2023 9:40	56802 BENV_T2	6	15	9	0.25	0.25	0	-1.26	-1.25	0	0	0	0	0	0
12/12/2023 9:41	56802 BENV_T2	6	15	9	0.25	0.25	0	-1.26	-1.25	0	0	0	0	0	0
12/12/2023 9:42	28604 BLYT_T2	0	0	0	0	0	0	-1.37	-1.38	0	0	0	0	0	0
12/12/2023 9:43	54506 ENOL_T2	7	0	-7	0.41	0	-0.41	0	0	0	0	0	0	0	0
12/12/2023 9:44	54503 ENOL_T2	1	1	0	3.4	0	-3.4	0	0	0	0	0	0	0	0
12/12/2023 9:45	54503 ENOL_T2	0	2	2	0	0	0	0	0	0	0	0	0	0	0
12/12/2023 9:45	52102 MEIS_T1	0	0	0	0	0	0	0	0	1	1	0	450	450	0
12/12/2023 9:46	53903 HALI_T2	2	2	0	0.9	1	0.1	-0.23	-0.24	0	0	0	0	0	0
12/12/2023 9:46	52101 MEIS_T1	1	1	0	0.3	0.3	0	0	0	0	0	0	0	0	0
12/12/2023 9:48	42801 SELI_T1	1	1	0	0	0	0	0	0	0	0	0	0	0	0
12/12/2023 9:48	52101 MEIS_T1	1	1	0	0.3	0.3	0	0	0	0	0	0	0	0	0
12/12/2023 9:48	53903 HALI_T2	2	2	0	0.9	1	0.1	-0.23	-0.24	0	0	0	0	0	0
12/12/2023 9:49	42802 SELI_T1	1	0	-1	0.2	0	-0.2	-2.3	-2.25	1	1	0	900	900	0
12/12/2023 9:50	42801 SELI_T1	1	1	0	0	0	0	0	0	0	0	0	0	0	0
12/12/2023 9:50	43201 MVIL_T2	0	0	0	0	0	0	-1.16	-1.19	0	0	0	0	0	0
12/12/2023 9:51	43301 WATS_T2	0	1	1	0	7.8	7.8	0	0	0	0	0	0	0	0
12/12/2023 9:52	43304 WATS_T2	0	1	1	0	0	0	0	0	0	0	0	0	0	0
12/12/2023 9:52	42801 SELI_T1	1	1	0	0	0	0	0	0	0	0	0	0	0	0
12/12/2023 9:52	67402 WAKE_T2	0	0	0	0	0	0	0.3	0.3	0	0	0	0	0	0
12/12/2023 9:55	53501 EVIL_T2	8	9	1	0.81	1.5	0.69	-0.11	-0.2	1	1	0	600	600	0
12/12/2023 9:56	54504 ENOL_T2	1	0	-1	0.8	0	-0.8	0	0	0	0	0	0	0	0
12/12/2023 9:56	53501 EVIL_T2	8	9	1	0.81	1.5	0.69	-0.11	-0.2	1	1	0	600	600	0
12/12/2023 9:56	54502 ENOL_T2	1	1	0	0.2	0.2	0	0	0	0	0	0	0	0	0
12/12/2023 9:57	29402 BELT_T1	1	1	0	7.1	6.8	-0.3	0	0	0	0	0	0	0	0
12/12/2023 9:58	53502 EVIL_T2	1	1	0	0.3	0.4	0.1	0	0	0	0	0	0	0	0
12/12/2023 9:59	54502 ENOL_T2	1	1	0	0.2	0.2	0	0	0	0	0	0	0	0	0
12/12/2023 10:00	53502 EVIL_T2	1	1	0	0.4	0.1	-0.3	0	0	0	0	0	0	0	0
12/12/2023 10:00	54503 ENOL_T2	1	1	0	0.2	0	-0.2	0	0	0	0	0	0	0	0
12/12/2023 10:03	64101 REFR_T1	0	0	0	0	0	0	0.02	0.01	0	0	0	0	0	0
12/12/2023 10:03	43402 BENT_T1	0	2	2	0	0.15	0.15	-1.32	-1.32	2	2	0	1500	1500	0
12/12/2023 10:04	57401 SPAN_T1	4	4	0	0.53	0.75	0.22	-0.94	-0.98	1	1	0	600	600	0
12/12/2023 10:04	43402 BENT_T1	0	2	2	0	0.15	0.15	-1.32	-1.32	2	2	0	1500	1500	0
12/12/2023 10:05	43301 WATS_T2	0	1	1	0	0	0	0	0	0	0	0	0	0	0
12/12/2023 10:05	67202 TEHI_T2	0	2	2	0	0	0	0	0	0	0	0	0	0	0
12/12/2023 10:05	64101 REFR_T1	0	0	0	0	0	0	0.04	0.02	0	0	0	0	0	0
12/12/2023 10:05	57403 SPAN_T1	3	18	15	0.2	0.27	0.07	0	0	0	0	0	0	0	0
12/12/2023 10:06	59101 WALK_T2	3	1	-2	0.5	0	-0.5	2.14	2.08	1	1	0	450	450	0
12/12/2023 10:06	64101 REFR_T1	0	0	0	0	0	0	0.02	0.01	0	0	0	0	0	0
12/12/2023 10:07	43304 WATS_T2	0	1	1	0	0.3	0.3	0	0	0	0	0	0	0	0
12/12/2023 10:07	64101 REFR_T1	0	0	0	0	0	0	0.02	0.01	0	0	0	0	0	0
12/12/2023 10:08	43304 WATS_T2	0	1	1	0	0.3	0.3	0	0	0	0	0	0	0	0
12/12/2023 10:09	57401 SPAN_T1	4	4	0	0.53	0.75	0.22	-1.96	-1.95	2	2	0	1200	1200	0
12/12/2023 10:09	45501 DERR_T2	0	1	1	0	0	0	0.89	0.92	2	2	0	1800	1800	0
12/12/2023 10:09	64101 REFR_T1	0	0	0	0	0	0	0.01	0.02	0	0	0	0	0	0
12/12/2023 10:11	45501 DERR_T2	0	1	1	0	0	0	0.89	0.92	2	2	0	1800	1800	0
12/12/2023 10:11	54502 ENOL_T2	1	1	0	0.2	0.2	0	-1.98	-1.98	1	1	0	600	600	0
12/12/2023 10:12	64101 REFR_T1	0	0	0	0	0	0	0.01	0.02	0	0	0	0	0	0
12/12/2023 10:12	54502 ENOL_T2	1	1	0	0.2	0.2	0	0	0	0	0	0	0	0	0
12/12/2023 10:13	43402 BENT_T1	0	2	2	0	0.15	0.15	-1.32	-1.36	2	2	0	1500	1500	0
12/12/2023 10:16	58402 MORO_T1	0	0	0	0	0	0	-0.8	-0.87	3	3	0	2400	2400	0
12/12/2023 10:17	26401 INOR_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/12/2023 10:18	58402 MORO_T1	0	0	0	0	0	0	-0.8	-0.87	3	3	0	2400	2400	0
12/12/2023 10:19	43402 BENT_T1	0	3	3	0	0.17	0.17	-1.32	-1.36	2	2	0	1500	1500	0
12/12/2023 10:19	54603 SUMM_T2	0	2	2	0	0	0	0	0	0	0	0	0	0	0
12/12/2023 10:19	58401 MORO_T1	0	1	1	0	0.3	0.3	0	0	0	0	0	0	0	0
12/12/2023 10:20	54602 SUMM_T2	0	1	1	0	0	0	0	0	0	0	0	0	0	0
12/12/2023 10:20	57403 SPAN_T1	18	23	5	0.25	0.38	0.13	0	0	0	0	0	0	0	0
12/12/2023 10:21	67203 TEHI_T1

Appendix C - Grid Benefits Achieved in Each Instance of Active Management

12/12/2023 10:51	55002 NEWP_T1	5	6	1	0.96	1.03	0.07	-0.18	-0.19	0	0	0	0	0	0
12/12/2023 10:52	66505 SMAN_T2	2	1	-1	0.1	0	-0.1	0	0	0	0	0	0	0	0
12/12/2023 10:52	57401 SPAN_T1	18	33	15	0.33	0.24	-0.09	0	0	0	0	0	0	0	0
12/12/2023 10:52	64101 REFR_T1	1	1	0	0.1	0.1	0	0	-0.01	0	0	0	0	0	0
12/12/2023 10:53	64101 REFR_T1	1	1	0	0.1	0.1	0	-0.01	-0.01	0	0	0	0	0	0
12/12/2023 10:53	56802 BENV_T2	17	47	30	0.18	0.2	0.02	-1.23	-1.24	0	0	0	0	0	0
12/12/2023 10:54	56802 BENV_T2	17	47	30	0.18	0.2	0.02	-1.24	-1.24	0	0	0	0	0	0
12/12/2023 10:54	20403 ASHF_T2	12	24	12	0.37	0.32	-0.05	0	0	0	0	0	0	0	0
12/12/2023 10:54	67503 WEWI_T2	0	0	0	0	0	0	-0.15	-0.15	0	0	0	0	0	0
12/12/2023 10:54	46004 BERW_T2	0	0	0	0	0	0	-0.23	-0.26	0	0	0	0	0	0
12/12/2023 10:54	64101 REFR_T1	1	1	0	0.1	0.1	0	0	-0.04	0	0	0	0	0	0
12/12/2023 10:54	67503 WEWI_T2	0	0	0	0	0	0	-0.15	-0.15	0	0	0	0	0	0
12/12/2023 10:55	29402 BELT_T1	1	2	1	6.9	3.7	-3.2	0	0	0	0	0	0	0	0
12/12/2023 10:55	55105 WERT_T1	3	2	-1	0.27	0.4	0.13	-0.54	-0.53	1	1	0	900	900	0
12/12/2023 10:55	27503 WEIS_T2	0	1	1	0	0	0	0	0	0	0	0	0	0	0
12/12/2023 10:55	56802 BENV_T2	17	47	30	0.18	0.2	0.02	-1.24	-1.24	0	0	0	0	0	0
12/12/2023 10:55	57403 SPAN_T1	23	26	3	0.5	0.3	-0.2	0	0	0	0	0	0	0	0
12/12/2023 10:56	54501 ENOL_T2	3	4	1	0.23	0.25	0.02	0	0	0	0	0	0	0	0
12/12/2023 10:56	20403 ASHF_T2	12	24	12	0.37	0.32	-0.05	0.17	0.14	0	0	0	0	0	0
12/12/2023 10:56	65005 NEFF_T2	1	1	0	0.3	0.5	0.2	0	0	0	0	0	0	0	0
12/12/2023 10:57	54505 ENOL_T2	2	1	-1	0.75	1.2	0.45	0	0	0	0	0	0	0	0
12/12/2023 10:57	29401 BELT_T1	0	21	21	0	0.14	0.14	0	0	1	1	0	900	900	0
12/12/2023 10:57	56802 BENV_T2	17	47	30	0.18	0.2	0.02	-2.48	-2.48	0	0	0	0	0	0
12/12/2023 10:58	67502 WEWI_T2	1	1	0	0.9	1.1	0.2	-0.13	-0.05	0	0	0	0	0	0
12/12/2023 10:59	52102 MEIS_T1	1	1	0	0.3	0.8	0.5	0	0	1	1	0	450	450	0
12/12/2023 10:59	54505 ENOL_T2	2	1	-1	0.75	1.2	0.45	0	0	0	0	0	0	0	0
12/12/2023 10:59	61801 EEU_T2	1	2	1	1	0.2	-0.8	-0.26	-0.27	0	0	0	0	0	0
12/12/2023 11:01	55002 NEWP_T1	5	9	4	1.14	0.97	-0.17	-0.19	-0.18	0	0	0	0	0	0
12/12/2023 11:01	58401 MORO_T1	2	4	2	0.25	0.28	0.03	-1.61	-1.61	2	2	0	1200	1200	0
12/12/2023 11:01	40101 HUNT_T2	77	77	0	0.54	0.53	-0.01	-0.31	-0.31	0	0	0	0	0	0
12/12/2023 11:02	40101 HUNT_T2	77	77	0	0.54	0.53	-0.01	-0.92	-0.93	0	0	0	0	0	0
12/12/2023 11:02	55002 NEWP_T1	5	9	4	1.14	0.97	-0.17	-0.19	-0.18	0	0	0	0	0	0
12/12/2023 11:02	58401 MORO_T1	2	4	2	0.25	0.28	0.03	-3.22	-3.22	4	4	0	2400	2400	0
12/12/2023 11:03	58402 MORO_T1	0	0	0	0	0	0	-0.82	-0.86	3	3	0	2400	2400	0
12/12/2023 11:04	58401 MORO_T1	2	4	2	0.25	0.28	0.03	-1.61	-1.61	2	2	0	1200	1200	0
12/12/2023 11:04	58402 MORO_T1	0	0	0	0	0	0	-0.82	-0.86	3	3	0	2400	2400	0
12/12/2023 11:05	64802 MONE_T2	22	62	40	0.25	0.27	0.02	0	0	0	0	0	0	0	0
12/12/2023 11:05	59302 MCAL_T1	1	1	0	0.3	0.3	0	-0.17	-0.21	1	1	0	600	600	0
12/12/2023 11:05	55002 NEWP_T1	5	9	4	1.14	0.97	-0.17	-0.38	-0.36	0	0	0	0	0	0
12/12/2023 11:06	57401 SPAN_T1	33	55	22	0.23	0.26	0.03	0	0	0	0	0	0	0	0
12/12/2023 11:06	54202 PENN_T2	1	1	0	1.8	0	-1.8	0	0	0	0	0	0	0	0
12/12/2023 11:06	58401 MORO_T1	2	4	2	0.25	0.28	0.03	-0.81	-0.81	1	1	0	600	600	0
12/12/2023 11:07	52501 PROG_T1	1	2	1	0.2	0.5	0.3	0.35	0.34	1	1	0	300	300	0
12/12/2023 11:07	42201 SHEN_T2	0	0	0	0	0	0	-0.13	-0.11	1	1	0	600	600	0
12/12/2023 11:08	57401 SPAN_T1	33	55	22	0.23	0.26	0.03	0	0	0	0	0	0	0	0
12/12/2023 11:08	67402 WAKE_T2	0	1	1	0	0.2	0.2	0	0	0	0	0	0	0	0
12/12/2023 11:09	57401 SPAN_T1	33	55	22	0.23	0.26	0.03	0	0	0	0	0	0	0	0
12/12/2023 11:10	56802 BENV_T2	46	18	-28	0.18	0.29	0.11	-1.24	-1.25	0	0	0	0	0	0
12/12/2023 11:10	57403 SPAN_T1	13	35	22	0.26	0.41	0.15	0.13	0.13	0	0	0	0	0	0
12/12/2023 11:10	66702 STRA_T1	1	1	0	0.1	0.2	0.1	0	0	0	0	0	0	0	0
12/12/2023 11:10	60803 BUCK_T1	0	0	0	0	0	0	-0.86	-0.9	1	1	0	600	600	0
12/12/2023 11:10	67502 WEWI_T2	1	2	1	0.8	1	0.2	0	0	0	0	0	0	0	0
12/12/2023 11:11	56802 BENV_T2	46	18	-28	0.18	0.29	0.11	-1.24	-1.25	0	0	0	0	0	0
12/12/2023 11:12	54505 ENOL_T2	1	1	0	1.2	1.2	0	-2.4	-2.46	2	2	0	1200	1200	0
12/12/2023 11:12	54506 ENOL_T2	0	3	3	0	0	0	0	0	0	0	0	0	0	0
12/12/2023 11:12	54502 ENOL_T2	0	1	1	0	0	0	-1.98	-1.92	1	1	0	600	600	0
12/12/2023 11:12	67503 WEWI_T2	0	0	0	0	0	0	-0.15	-0.16	0	0	0	0	0	0
12/12/2023 11:12	60803 BUCK_T1	0	0	0	0	0	0	-0.86	-0.9	1	1	0	600	600	0
12/12/2023 11:13	56802 BENV_T2	46	18	-28	0.18	0.29	0.11	-2.48	-2.49	0	0	0	0	0	0
12/12/2023 11:14	41801 GOCI_T2	2	2	0	0.4	0.7	0.3	0	0	0	0	0	0	0	0
12/12/2023 11:15	54505 ENOL_T2	1	2	1	1.2	1.2	0	0	0	0	0	0	0	0	0
12/12/2023 11:15	54506 ENOL_T2	3	0	-3	0.63	0	-0.63	0	0	0	0	0	0	0	0
12/12/2023 11:15	64301 LINC_T1	0	0	0	0	0	0	0.06	0.12	1	1	0	600	600	0
12/12/2023 11:16	55002 NEWP_T1	6	9	3	1.02	1.07	0.05	-0.18	-0.17	0	0	0	0	0	0
12/12/2023 11:17	40902 JESH_T1	0	1	1	0	0.2	0.2	-0.52	-0.55	0	0	0	0	0	0
12/12/2023 11:17	58401 MORO_T1	4	0	-4	0.28	0	-0.28	-0.81	-0.82	1	1	0	600	600	0
12/12/2023 11:18	58401 MORO_T1	4	0	-4	0.28	0	-0.28	-0.81	-0.82	1	1	0	600	600	0
12/12/2023 11:18	55002 NEWP_T1	6	9	3	1.02	1.07	0.05	-0.18	-0.17	0	0	0	0	0	0
12/12/2023 11:19	54206 PENN_T2	1	1	0	0.1	0.2	0.1	0	0	0	0	0	0	0	0
12/12/2023 11:19	58401 MORO_T1	4	0	-4	0.28	0	-0.28	0	0	0	0	0	0	0	0
12/12/2023 11:20	56504 ROCK_T2	0	1	1	0	0.1	0.1	-0.02	-0.03	0	0	0	0	0	0
12/12/2023 11:20	43301 WATS_T2	0	0	0	0	0	0	0	0	1	1	0	900	900	0
12/12/2023 11:20	44601 SALE_T2	0	0	0	0	0	0	0.75	0.75	1	1	0	600	600	0
12/12/2023 11:21	55002 NEWP_T1	6	9	3	1.02	1.07	0.05	-0.18	-0.17	0	0	0	0	0	0
12/12/2023 11:21	65002 NEFF_T2	2	0	-2	0.1	0	-0.1	0	0	0	0	0	0	0	0
12/12/2023 11:22	56504 ROCK_T2	0	1	1	0	0.1	0.1	-0.02	-0.03	0	0	0	0	0	0
12/12/2023 11:23	56501 ROCK_T2	1	2	1	0.9	0.25	-0.65	0	0	0	0	0	0	0	0
12/12/2023 11:23	42601 TUSC_T1	3	12	9	0.3	0	-0.3	0.68	0.62	2	2	0	1800	1800	0
12/12/2023 11:24	60201 ATGL_T2	0	0	0	0	0	0	0.2	0.21	1	1	0	300	300	0
12/12/2023 11:24	59101 WALK_T2	2	1	-1	0.2	0	-0.2	0	0	0	0	0	0	0	0
12/12/2023 11:24	54506 ENOL_T2	3	0	-3	0.63	0	-0.63	0	0	0	0	0	0	0	0
12/12/2023 11:24	56501 ROCK_T2	1	2	1	0.9	0.25	-0.65	0	0	0	0	0	0	0	0
12/12/2023 11:24	57403 SPAN_T1	25	35	10	0.31	0.41	0.1	0.13	0.13	0	0	0	0	0	0
12/12/2023 11:24	43302 WATS_T2	0	0	0	0	0	0	0	0	2	2	0	1800	1800	0
12/12/2023 11:25	42601 TUSC_T1	3	12	9	0.3	0	-0.3	0.62	0.55	2	2	0	1800	1800	0
12/12/2023 11:25	60201 ATGL_T2	0	0	0	0	0	0	0.2	0.21	1	1	0	300	300	0
12/12/2023 11:26	54501 ENOL_T2	4	3	-1	0.53	0.17	-0.36	0	0	0	0	0	0	0	0
12/12/2023 11:26	60201 ATGL_T2	0	0	0	0	0	0	0.2	0.21	1	1	0	300	300	0
12/12/2023 11:27	54506 ENOL_T2	3	0	-3	0.63	0	-0.63	0	0	0	0	0	0	0	0
12/12/2023 11:28	54504 ENOL_T2	2	2	0	0.4	0.4	0	0	0	0	0	0	0	0	0
12/12/2023 11:28	39601 LNFD_T1	16	10	-6	0.76	3.5	2.74	0	0	0	0	0	0	0	0
12/12/2023 11:30	42902 MIDD_T2	2	3	1	1.75	0.6	-1.15	0	0	0	0	0	0	0	0
12/12/2023 11:30	54504 ENOL_T2	2	1	-1	0.45	0.4	-0.05	0	0	0	0	0	0	0	0
12/12/2023 11:31	64305 LINC_T1	0	1	1	0	0.2	0.2	0	0	0	0	0	0	0	0
12/12/2023 11:31	54501 ENOL_T2	2	5	3	0.1	0.3	0.2	0	0	0	0	0	0	0	0
12/12/2023 11:32	61801 EEU_T2	1	2	1	0.1	0.3	0.2	-0.56	-0.61	0	0	0	0	0	0
12/12/2023 11:33	62103 ELAN_T1	0	1	1	0	0.1	0.1	0	0	0	0	0	0	0	0
12/12/2023 11:34	64101 REFR_T1	1	1	0	0.1	0.1	0	0.01	0	0	0	0	0	0	0
12/12/2023 11:35	54601 SUMM_T2	6	12	6	0.47	0.45	-0.02	-1.84	-1.83	2	2	0	2100	2100	0
12/12/2023 11:36	67203 TEHI_T1	0	3	3	0	0	0	0	0	0	0	0	0	0	0
12/12/2023 11:36	59202 THOM_T1	5	7	2	0.18	0.29	0.11	0	0	0	0	0	0	0	0
12/12/2023 11:36	47401 PENS_T1	1	3	2	0.4	0.5	0.1	0.9	0.91	0	0	0	0	0	0
12/12/2023 11:36	64101 REFR_T1	1	1	0	0.1	0.1	0	0.01	0	0	0	0	0	0	0
12/12/2023 11:36	62103 ELAN_T1	0	1	1	0	0.1	0.1	0	0	0	0	0	0	0	0
12/12/2023 11:36	60502 NMAN_T2	4	1	-3	0.38	0	-0.38	-0.08	-0.13	0	0	0	0	0	0
12/12/2023 11:37	40201 BEGA_T2	1	2	1	0.2	0.25	0.05	0	0	0	0	0	0	0	0
12/12/2023 11:37	54603 SUMM_T2	4	15	11	0.38	0.27	-0.11	0	0	0	0	0	0	0	0
12/12/2023 11:37	67402 WAKE_T2	0	1	1	0	0.5	0.5	0.24	0.24	0	0	0	0	0	0
12/12/2023 11:37	64101 REFR_T1	1	1	0	0.1	0.1	0	0.01	0	0	0	0	0	0	0
12/12/2023 11:38	47402 PENS_T1	118	119	1	2.74	3.19	0.45	0	0	0	0	0	0	0	0
12/12/2023 11:38	64101 REFR_T1	1	1	0	0.1	0.1	0	0.02	-0.01	0	0	0	0	0	0
12/12/2023 11:39	67201 TEHI_T1	2	6	4	2.15	0.37	-1.78	0	0	0	0	0	0	0	0
12/12/2023 11:39	54602 SUMM_T2	4	15	11	0.38	0.27	-0.11	0	0	0	0	0	0	0	0
12/12/2023 11:39	67401 WAKE_T2	1	2	1	0.3	0.3	0	-2.26	-2.18	0	0	0	0	0	0
12/12/2023 11:39	44301 BEAV_T2	0	3	3	0	0.33	0.33	0.24	-0.06	2	2	0	1500	1500	0
12/12/2023 11:40	47403 PENS_T1	1	1	0	0.8	1.2	0.4	0	0	0	0	0	0	0	0
12/12/2023 11:40	53501 EVIL_T2	9	10	1	1.78	1.76	-0.02	-0.48	-0.68	2	2	0	1200	1200	0
12/12/2023 11:41	40201 BEGA_T2	1	2	1	0.2	0.25	0.05	0	0	0	0	0	0	0	0
12/12/2023 11:41	65004 NEFF_T2	1	1	0	0.4	0.6	0.2	0	0	0	0	0	0	0	0
12/12/2023 11:41	44301 BEAV_T2	0	3	3	0	0.33	0.33	0.73	-0.19	6	6	0	4500	4500	0
12/12/2023 11:43	50201 HARR_T3	2	2	0	4.05	3.9	-0.15	-0.79	-0.77	1	1	0	1200	1200	0
12/12/2023 11:43	54601 SUMM_T2	6	12	6	0.47	0.45	-0.02	-1.83	-1.74	2	2	0	2100	2100	0
12/12/2023 11:43	53501 EVIL_T2	9	10	1	1.78	1.76	-0.02	-0.48	-0.68	2	2	0	1200	1200	0
12/12/2023 11:44	40101 HUNT_T2	26	192	166	0.56	0.51	-0.05	-0.34	-0.41	0	0	0	0	0	0
12/12/2023 11:45	64702 LITI_T2	0	0	0	0	0	0	-0.73	-0.78	0	0	0	0	0	0
12/12/2023 11:45	40101 HUNT_T2	191	116	-75	0.55	0.45	-0.1	-0.34	-0.41	0	0	0	0	0	0
12/12/2023 11:46	42903 MIDD_T2	0	2	2	0	0	0	0.69	0.65	1	1	0	1200	1200	0
12/12/2023 11:47	40101 HUNT_T2	191	116	-75	0.55	0.45	-0.1	-0.34	-0.41	0	0	0	0	0	0
12/12/2023 11:48	64702 LITI_T2	0	0	0	0	0	0	-0.73	-0.78	0	0	0	0	0	0
12/12/2023 11:48	40101 HUNT_T2	191	116	-75	0.55	0.45	-0.1	-0.34	-0.41	0	0	0	0	0	0
12/12/2023 11:49	62103 ELAN_T1	0	1	1	0	0.1	0.1	0	0	0	0	0	0	0	0
12/12/2023 11:49	42802 SELI_T1	0	1	1	0	0	0	-2.56	-2.57	0	0	0	0	0	0
12/12/2023 11:49	64702 LITI_T2	0	0	0	0	0	0	-0.73	-0.78	0	0	0	0	0	0
12/12/2023 11:50	42802 SELI_T1	0	1	1	0	0	0	-1.28	-1.28	0	0	0	0	0	0
12/12/2023 11:50	54602 SUMM_T2	5	18	13	0.16	0.27	0.11	0	0	0	0	0	0	0	0
12/12/2023 11:50	54206 PENN_T2	1	1	0	0.2	0.2	0	0	0	0	0	0	0	0	0
12/12/2023 11:51	42801 SELI_T1	1	2	1	0	0	0	0	0	0	0	0	0	0	0
12/12/2023 11:51	42201 SHEN_T2	0	0	0	0	0	0	-0.16	-0.16	1	1	0	600	600	0
12/12/2023 11:52	47401 PENS_T1	3	1	-2	1.83	0.5	-1.33	0.91	0.88	0	0	0	0	0	0
12/12/2023 11:52	62102 ELAN_T1	0	0	0	0	0	0	0.66	0.71	0	0	0	0	0	0
12/12/2023 11:52	42801 SELI_T1	1	2	1	0	0	0	0	0	0	0	0	0	0	0
12/12/2023 11:52	44301 BEAV_T2	1	3	2	0.2	0.3	0.1	0.24	-0.06	2	2	0	1500	1500	0
12/12/2023 11:52	67203 TEHI_T1	2	1	-1	1.95	0	-1.95	0	0	0	0	0	0	0	0
12/12/2023 11:54	47403 PENS_T1	1	1	0	1.2	0.9	-0.3	0	0	0	0	0	0	0	0
12/12/2023 11:54	54601 SUMM_T2	11	12	1	0.39	0.48	0.09	-3.49	-3.76	4	4	0	4200	4200	0
12/12/2023 11:55	67204 TEHI_T2	1	1	0	0.5	0.4	-0.1	-0.06	-0.06	0	0	0	0	0	0
12/12/2023 11:56	67902 WNHO_T2	1	0	-1	1.7	0	-1.7	0	0	0	0	0	0	0	0
12/12/2023 11:59	53803 MBRG_T2	1	1	0	0.3	0.5	0.2	0.04	0.03	0	0	0	0	0	0
12/12/2023 12:00	50103 HARR_T3	2	3	1	0.8	1.05	0.25	-0.81	-0.8	1	1	0	1200	1200	0
12/12/2023 12:00	40101 HUNT_T2	75	116	41	0.51	0.39	-0.12	-0.41	-0.41	0	0	0	0	0	0
12/12/2023 12:01	50102 HARR_T3	7	0	-7	0.11	0	-0.11	0	0	0	0	0	0	0	0
12/12/2023 12:01	53803 MBRG_T2	1	0	-1	0.5	0	-0.5	0.04	0.03	0	0	0	0	0	0
12/12/2023 12:01	52204 DEVO_T2	1	2	1	0.7	0.5	-0.2	0	0	0	0	0	0	0	0
12/12/2023 12:01	40101 HUNT_T2	75	116	41	0.51	0.39	-0.12	-0.41	-0.41	0	0	0	0	0	0
12/12/2023 12:02	53803 MBRG_T2	1	0	-1	0.5	0	-0.5	0.04	0.03	0	0	0	0	0	0
12/12/2023 12:03	40101 HUNT_T2	75	116	41	0.51	0.39	-0.12	-0.41	-0.41	0	0	0	0	0	0
12/12/2023 12:04	40101 HUNT_T2	75	116	41	0.51	0.39	-0.12	-0.41	-0.41	0	0	0	0	0	0
12/12/2023 12:05	62103 ELAN_T1	1	1	0	0.1	0.1	0	0	0	0	0	0	0	0	0
12/12/2023 12:05	42802 SELI_T1	0	2	2	0	0	0	-2.57	-2.41	0	0	0	0	0	0
12/12/2023 12:07	62102 ELAN_T1	0	0	0	0	0	0	0.71	0.64	0	0	0	0	0	0
12/12/2023 12:07	42802 SELI_T1	0	2	2	0	0	0	-1.28	-1.21	0	0	0	0	0	0
12/12/2023 12:07	44301 BEAV_T2	3	0	-3	0.3	0	-0.3	-0.06	-0.88	2	2	0	1500	1500	0
12/12/2023 12:08	40101 HUNT_T2	75	116	41	0.51	0.39	-0.12	-0.41	-0.41	0	0	0	0	0	0
12/12/2023 12:10	51302 WIND_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/12/2023 12:11	44301 BEAV_T2	3	0	-3	0.3	0	-0.3	-1.77	-1.26	4	4	0	3000	3000	0
12/12/2023 12:11	53501 EVIL_T2	9	2	-7	1.74	0.5	-1.24	-0.3	-0.27	1	1	0	600	600	0
12/12/2023 12:12	53501 EVIL_T2	9	2	-7	1.74	0.5	-1.24	-0.3	-0.27	1	1	0	600	600	0
12/12/2023 12:13	44301 BEAV_T2	3	0	-3	0.3	0	-0.3	-0.88	-0.63	2	2	0	1500	1500	0
12/12/2023 12:14	53501 EVIL_T2	9	2	-7	1.74	0.5	-1.24	-0.3	-0.27	1	1	0	600	600	0
12/12/2023 12:14	42901 MIDD_T2	2	2	0	1.65	0	-1.65	0	0	0	0	0	0	0	0
12/12/2023 12:15	53501 EVIL_T2	3	2	-1	0.9	0.25	-0.65	-0.3	-0.27	1	1	0	600	600	0
12/12/2023 12:21	67002 STHI_T2	4	9	5	0.35	0.34	-0.01	1.34	1.28	0	0	0	0	0	0
12/12/2023 12:22	67002 STHI_T2	4	9	5	0.35	0.34	-0.01	0.67	0.64	0	0	0	0	0	0
12/12/2023 12:23	47401 PENS_T1	1	2	1	0.1	0.1	0	0.86	0.95	0	0	0	0	0	0
12/12/2023 12:23	67001 STHI_T2	4	5	1	0.18	0.28	0.1	0	0	0	0	0	0	0	0
12/12/2023 12:23	59202 THOM_T1	9	10	1	0.39	0.42	0.03	0	0

Appendix C - Grid Benefits Achieved in Each Instance of Active Management

12/12/2023 14:23	52502 PROG_T2	0	0	0	0	0	0	-0.73	-0.77	1	0	-1	900	0	-900
12/12/2023 14:24	67502 WEWI_T2	2	2	0	0.8	0.65	-0.15	-0.42	-0.49	0	0	0	0	0	0
12/12/2023 14:25	43001 ALWD_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/12/2023 14:26	67503 WEWI_T2	0	0	0	0	0	0	-0.28	-0.34	0	0	0	0	0	0
12/12/2023 14:27	40101 HUNT_T2	61	40	-21	0.42	0.5	0.08	-0.3	-0.26	0	0	0	0	0	0
12/12/2023 14:28	40101 HUNT_T2	61	40	-21	0.42	0.5	0.08	-0.3	-0.26	0	0	0	0	0	0
12/12/2023 14:28	53501 EVIL_T2	9	9	0	1.56	1.7	0.14	-0.53	-0.65	1	1	0	600	600	0
12/12/2023 14:29	53501 EVIL_T2	9	9	0	1.56	1.7	0.14	-0.53	-0.65	1	1	0	600	600	0
12/12/2023 14:29	40101 HUNT_T2	61	40	-21	0.42	0.5	0.08	-0.3	-0.26	0	0	0	0	0	0
12/12/2023 14:32	63404 HONY_T1	2	2	0	7	7.2	0.2	0	0	0	0	0	0	0	0
12/12/2023 14:33	40101 HUNT_T2	36	52	16	0.47	0.42	-0.05	-0.3	-0.26	0	0	0	0	0	0
12/12/2023 14:34	44601 SALE_T2	0	0	0	0	0	0	0.5	0.62	1	1	0	600	600	0
12/12/2023 14:35	56504 ROCK_T2	0	1	1	0	0	0	0	0	0	0	0	0	0	0
12/12/2023 14:35	64101 REFR_T1	1	2	1	0.1	0.2	0.1	-0.1	-0.05	0	0	0	0	0	0
12/12/2023 14:37	67503 WEWI_T2	0	0	0	0	0	0	-0.28	-0.34	0	0	0	0	0	0
12/12/2023 14:37	56504 ROCK_T2	0	1	1	0	0	0	-0.26	-0.29	0	0	0	0	0	0
12/12/2023 14:38	67402 WAKE_T2	1	0	-1	3.1	0	-3.1	0.47	0.36	0	0	0	0	0	0
12/12/2023 14:38	64101 REFR_T1	1	2	1	0.1	0.2	0.1	-0.3	-0.15	0	0	0	0	0	0
12/12/2023 14:38	67502 WEWI_T2	2	3	1	0.65	0.43	-0.22	0	0	0	0	0	0	0	0
12/12/2023 14:38	56504 ROCK_T2	0	1	1	0	0	0	-0.53	-0.58	0	0	0	0	0	0
12/12/2023 14:38	59101 WALK_T2	1	1	0	0	0	0	2.5	2.54	0	0	0	0	0	0
12/12/2023 14:38	65003 NEFF_T2	7	5	-2	0.14	0.12	-0.02	0	0	0	0	0	0	0	0
12/12/2023 14:39	43001 ALWD_T1	0	6	6	0	0.12	0.12	0	0	0	0	0	0	0	0
12/12/2023 14:40	66901 SHIL_T2	3	7	4	0.23	0.16	-0.07	-1.64	-1.67	1	1	0	1200	1200	0
12/12/2023 14:41	60901 DONG_T2	1	1	0	0.5	0.6	0.1	0	0	0	0	0	0	0	0
12/12/2023 14:42	62605 ENGI_T1	0	28	28	0	0	0	0	0	0	0	0	0	0	0
12/12/2023 14:43	60902 DONG_T2	2	6	4	0.25	0.22	-0.03	0.49	0.5	0	0	0	0	0	0
12/12/2023 14:44	56504 ROCK_T2	0	1	1	0	0	0	-0.29	-0.42	0	0	0	0	0	0
12/12/2023 14:47	52501 PROG_T1	0	0	0	0	0	0	0.66	0.69	0	0	0	0	0	0
12/12/2023 14:48	52504 PROG_T1	7	13	6	0.11	0.12	0.01	0	0	0	0	0	0	0	0
12/12/2023 14:51	57401 SPAN_T1	2	2	0	0.95	0.8	-0.15	0	0	0	0	0	0	0	0
12/12/2023 14:51	52504 PROG_T1	7	13	6	0.11	0.12	0.01	0	0	0	0	0	0	0	0
12/12/2023 14:53	67002 STHI_T2	17	7	-10	0.26	0.34	0.08	1.18	1.16	0	0	0	0	0	0
12/12/2023 14:55	57404 SPAN_T2	1	0	-1	1.4	0	-1.4	0	0	0	0	0	0	0	0
12/12/2023 14:55	67002 STHI_T2	17	7	-10	0.26	0.34	0.08	0.58	0.56	0	0	0	0	0	0
12/12/2023 15:03	56501 ROCK_T2	8	3	-5	0.24	0.3	0.06	-0.89	-0.92	0	0	0	0	0	0
12/12/2023 15:04	67502 WEWI_T2	2	16	14	0.3	0.15	-0.15	0	0	0	0	0	0	0	0
12/12/2023 15:04	64101 REFR_T1	0	1	1	0	0.4	0.4	-0.05	-0.07	0	0	0	0	0	0
12/12/2023 15:04	57404 SPAN_T2	0	0	0	0	0	0	0.55	0.55	1	1	0	1200	1200	0
12/12/2023 15:05	57402 SPAN_T2	290	328	38	0.28	0.32	0.04	0	0	0	0	0	0	0	0
12/12/2023 15:06	56501 ROCK_T2	8	3	-5	0.24	0.3	0.06	-0.89	-0.92	0	0	0	0	0	0
12/12/2023 15:07	56501 ROCK_T2	8	3	-5	0.24	0.3	0.06	-0.89	-0.92	0	0	0	0	0	0
12/12/2023 15:08	56504 ROCK_T2	0	0	0	0	0	0	-0.42	-0.3	0	0	0	0	0	0
12/12/2023 15:08	10805 CHHI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/12/2023 15:09	67401 WAKE_T2	0	0	0	0	0	0	-1.14	-1.13	0	0	0	0	0	0
12/12/2023 15:09	56501 ROCK_T2	8	3	-5	0.24	0.3	0.06	-0.92	-0.89	0	0	0	0	0	0
12/12/2023 15:13	10805 CHHI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/12/2023 15:14	60902 DONG_T2	6	12	6	0.22	0.2	-0.02	0.5	0.46	0	0	0	0	0	0
12/12/2023 15:14	57403 SPAN_T1	0	1133	1133	0	0.1	0.1	0.05	0.08	0	0	0	0	0	0
12/12/2023 15:16	57403 SPAN_T1	472	16	-456	8.47	0.16	-8.31	0.05	0.08	0	0	0	0	0	0
12/12/2023 15:17	64702 LITI_T2	0	0	0	0	0	0	-1.73	-1.58	0	0	0	0	0	0
12/12/2023 15:19	64101 REFR_T1	1	0	-1	0.4	0	-0.4	-0.07	-0.07	0	0	0	0	0	0
12/12/2023 15:24	40101 HUNT_T2	63	70	7	0.52	0.65	0.13	-0.23	-0.54	0	0	0	0	0	0
12/12/2023 15:25	40505 CRES_T1	0	0	0	0	0	0	0.81	0.88	0	0	0	0	0	0
12/12/2023 15:26	40505 CRES_T1	0	0	0	0	0	0	0.4	0.44	0	0	0	0	0	0
12/12/2023 15:27	40505 CRES_T1	0	0	0	0	0	0	0.4	0.44	0	0	0	0	0	0
12/12/2023 15:28	40505 CRES_T1	0	0	0	0	0	0	0.4	0.44	0	0	0	0	0	0
12/12/2023 15:29	40505 CRES_T1	0	0	0	0	0	0	0.4	0.44	0	0	0	0	0	0
12/12/2023 15:35	64101 REFR_T1	0	0	0	0	0	0	-0.07	-0.07	0	0	0	0	0	0
12/12/2023 15:36	59101 WALK_T2	1	0	-1	0	0	0	2.38	2.31	0	0	0	0	0	0
12/12/2023 15:37	59101 WALK_T2	1	1	0	0	0	0	7.15	6.94	0	0	0	0	0	0
12/12/2023 15:38	67502 WEWI_T2	2	1	-1	0.15	0.1	-0.05	-0.26	-0.38	0	0	0	0	0	0
12/12/2023 15:41	67502 WEWI_T2	2	1	-1	0.15	0.1	-0.05	-0.38	-0.34	0	0	0	0	0	0
12/12/2023 15:43	65001 NEFF_T2	0	0	0	0	0	0	-0.69	-0.61	1	1	0	1200	1200	0
12/12/2023 15:48	65904 SAKR_T2	5	3	-2	1.28	0	-1.28	0	0	0	0	0	0	0	0
12/12/2023 15:52	47402 PENS_T1	120	120	0	3	2.74	-0.26	0	0	0	0	0	0	0	0
12/12/2023 15:52	59101 WALK_T2	1	1	0	0	0	0	2.31	2.32	0	0	0	0	0	0
12/12/2023 15:53	59101 WALK_T2	1	1	0	0	0	0	4.63	4.64	0	0	0	0	0	0
12/12/2023 15:53	47402 PENS_T1	120	120	0	3	2.74	-0.26	0	0	0	0	0	0	0	0
12/12/2023 15:55	40501 CRES_T2	0	1	1	0	0.1	0.1	0	0	0	0	0	0	0	0
12/12/2023 15:58	65002 NEFF_T2	0	1	1	0	0	0	0	0	0	0	0	0	0	0
12/12/2023 15:58	40502 CRES_T2	18	8	-10	0.27	0.39	0.12	-0.26	-0.17	0	0	0	0	0	0
12/12/2023 15:59	40501 CRES_T2	0	1	1	0	0.1	0.1	0	0	0	0	0	0	0	0
12/12/2023 16:13	63804 HEMP_T1	1	1	0	6	6.1	0.1	-0.4	-0.45	0	0	0	0	0	0
12/12/2023 16:40	40502 CRES_T2	6	4	-2	0.25	0.18	-0.07	-0.15	-0.1	0	0	0	0	0	0
12/12/2023 16:44	40502 CRES_T2	6	4	-2	0.25	0.18	-0.07	-0.15	-0.1	0	0	0	0	0	0
12/12/2023 16:46	65001 NEFF_T2	0	0	0	0	0	0	-0.74	-0.71	1	1	0	1200	1200	0
12/12/2023 16:47	43202 MVIL_T2	0	0	0	0	0	0	-0.6	-0.6	0	0	0	0	0	0
12/12/2023 16:48	40502 CRES_T2	4	16	12	0.18	0.22	0.04	-0.15	-0.1	0	0	0	0	0	0
12/12/2023 16:49	43202 MVIL_T2	0	0	0	0	0	0	-0.6	-0.6	0	0	0	0	0	0
12/12/2023 16:52	45501 DERR_T2	0	4	4	0	0	0	0.23	-0.35	2	2	0	1800	1800	0
12/12/2023 16:54	45501 DERR_T2	0	4	4	0	0	0	-0.69	0.14	4	4	0	3600	3600	0
12/12/2023 16:55	45501 DERR_T2	0	4	4	0	0	0	-0.35	0.07	2	2	0	1800	1800	0
12/12/2023 17:01	41801 GOCI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/12/2023 17:20	49803 UNIV_T1	0	0	0	0	0	0	-1.03	-1.06	0	0	0	0	0	0
12/12/2023 17:24	45501 DERR_T2	2	3	1	0.5	0.9	0.4	0.19	0.18	2	2	0	1800	1800	0
12/12/2023 17:25	45501 DERR_T2	2	3	1	0.5	0.9	0.4	0.19	0.18	2	2	0	1800	1800	0
12/12/2023 17:36	65004 NEFF_T2	1	0	-1	1.2	0	-1.2	0	0	0	0	0	0	0	0
12/12/2023 18:24	65001 NEFF_T2	0	0	0	0	0	0	-0.8	-0.67	1	1	0	1200	1200	0
12/12/2023 18:26	40201 BEGA_T2	2	2	0	0.9	1.1	0.2	0	0	0	0	0	0	0	0
12/12/2023 18:30	29401 BELT_T1	51	67	16	0.28	0.37	0.09	0	0	0	0	0	0	0	0
12/12/2023 18:32	27502 WEIS_T2	0	0	0	0	0	0	-0.39	-0.38	0	0	0	0	0	0
12/12/2023 18:33	62607 ENGI_T1	0	0	0	0	0	0	-0.64	-0.65	0	0	0	0	0	0
12/12/2023 18:34	26401 INOR_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/12/2023 18:36	29401 BELT_T1	51	67	16	0.28	0.37	0.09	0	0	0	0	0	0	0	0
12/12/2023 18:37	28604 BLYT_T2	0	0	0	0	0	0	-1.29	-1.29	0	0	0	0	0	0
12/12/2023 18:37	43401 BENT_T1	1	0	-1	0.5	0	-0.5	0	0	0	0	0	0	0	0
12/12/2023 18:38	42601 TUSC_T1	8	10	2	0.46	0.54	0.08	-0.28	-0.24	2	2	0	1800	1800	0
12/12/2023 18:38	17802 GILB_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/12/2023 18:39	40101 HUNT_T2	279	246	-33	0.65	0.62	-0.03	-0.62	-0.57	0	0	0	0	0	0
12/12/2023 18:39	16302 ALPA_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/12/2023 18:40	47401 PENS_T1	0	1	1	0	0	0	-0.31	-0.37	0	0	0	0	0	0
12/12/2023 18:40	29401 BELT_T1	51	67	16	0.28	0.37	0.09	0	0	1	1	0	900	900	0
12/12/2023 18:40	47001 HUGH_T2	0	0	0	0	0	0	-0.53	-0.54	0	0	0	0	0	0
12/12/2023 18:41	52102 MEIS_T1	0	0	0	0	0	0	0	0	1	1	0	450	450	0
12/12/2023 18:41	29402 BELT_T1	1	1	0	7.2	7.7	0.5	0	0	0	0	0	0	0	0
12/12/2023 18:41	47403 PENS_T1	1	1	0	2.1	1.7	-0.4	0	0	0	0	0	0	0	0
12/12/2023 18:41	67503 WEWI_T2	0	0	0	0	0	0	-0.15	-0.08	0	0	0	0	0	0
12/12/2023 18:41	41801 GOCI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/12/2023 18:42	20403 ASHF_T2	1	0	-1	2.8	0	-2.8	1.07	1.09	0	0	0	0	0	0
12/12/2023 18:42	40101 HUNT_T2	279	246	-33	0.65	0.62	-0.03	-0.62	-0.57	0	0	0	0	0	0
12/12/2023 18:42	60803 BUCK_T1	0	0	0	0	0	0	-1.35	-1.31	1	1	0	600	600	0
12/12/2023 18:42	64702 LITI_T2	0	0	0	0	0	0	-1.53	-1.66	0	0	0	0	0	0
12/12/2023 18:43	10805 CHHI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/12/2023 18:43	52502 PROG_T2	0	0	0	0	0	0	-0.53	-0.55	1	1	0	900	900	0
12/12/2023 18:43	53501 EVIL_T2	0	1	1	0	0.1	0.1	-0.83	-0.81	1	1	0	600	600	0
12/12/2023 18:43	60701 BREC_T1	0	0	0	0	0	0	-0.56	-0.55	2	2	0	1200	1200	0
12/12/2023 18:43	67103 SPRI_T1	0	0	0	0	0	0	-0.05	-0.06	0	0	0	0	0	0
12/12/2023 18:44	42801 SELI_T1	1	1	0	0	0	0	0	0	0	0	0	0	0	0
12/12/2023 18:44	62102 ELAN_T1	0	0	0	0	0	0	0.77	0.71	0	0	0	0	0	0
12/12/2023 18:44	52502 PROG_T2	0	0	0	0	0	0	-0.53	-0.55	1	1	0	900	900	0
12/12/2023 18:44	53901 HALI_T2	2	12	10	0.35	0.12	-0.23	0	0	0	0	0	0	0	0
12/12/2023 18:44	49803 UNIV_T1	0	0	0	0	0	0	-1.05	-1.01	0	0	0	0	0	0
12/12/2023 18:44	47402 PENS_T1	120	113	-7	1.64	1.22	-0.42	0	0	0	0	0	0	0	0
12/12/2023 18:44	57403 SPAN_T1	2	0	-2	0.3	0	-0.3	0	0	0	0	0	0	0	0
12/12/2023 18:44	64101 REFR_T1	0	0	0	0	0	0	0	-0.02	0	0	0	0	0	0
12/12/2023 18:45	59301 MCAL_T1	2	2	0	0.25	0.55	0.3	-2.06	-2.05	1	1	0	600	600	0
12/12/2023 18:45	40101 HUNT_T2	224	270	46	0.69	0.78	0.09	-0.62	-0.57	0	0	0	0	0	0
12/12/2023 18:45	60201 ATGL_T2	0	0	0	0	0	0	0.18	0.19	1	1	0	300	300	0
12/12/2023 18:45	57403 SPAN_T1	0	12	12	0	0.24	0.24	0	0	0	0	0	0	0	0
12/12/2023 18:45	64702 LITI_T2	0	0	0	0	0	0	-0.76	-0.83	0	0	0	0	0	0
12/12/2023 18:45	59301 MCAL_T1	2	2	0	0.25	0.55	0.3	-2.06	-2.05	1	1	0	600	600	0
12/12/2023 18:45	43201 MVIL_T2	0	1	1	0	0.2	0.2	-1.28	-1.27	0	0	0	0	0	0
12/12/2023 18:46	42201 SHEN_T2	0	0	0	0	0	0	0.09	0.1	1	1	0	600	600	0
12/12/2023 18:46	67002 STHI_T2	26	50	24	0.13	0.15	0.02	0.63	0.61	0	0	0	0	0	0
12/12/2023 18:46	42002 MNVL_T2	1	1	0	9.4	9.4	0	0	0	0	0	0	0	0	0
12/12/2023 18:46	47401 PENS_T1	1	1	0	3.4	0	-3.4	-0.31	-0.37	0	0	0	0	0	0
12/12/2023 18:46	54506 ENOL_T2	0	3	3	0	0	0	0	0	0	0	0	0	0	0
12/12/2023 18:46	53501 EVIL_T2	1	3	2	0.1	0.1	0	-0.83	-0.81	1	1	0	600	600	0
12/12/2023 18:46	56501 ROCK_T2	6	5	-1	0.6	0.13	-0.47	-1.38	-1.36	0	0	0	0	0	0
12/12/2023 18:46	65901 SAKR_T2	3	3	0	4.57	9.4	4.83	-1.29	-1.38	1	1	0	900	900	0
12/12/2023 18:46	46004 BERW_T2	0	2	2	0	0	0	-0.53	-0.52	0	0	0	0	0	0
12/12/2023 18:46	67103 SPRI_T1	0	0	0	0	0	0	-0.05	-0.06	0	0	0	0	0	0
12/12/2023 18:46	57403 SPAN_T1	0	12	12	0	0.24	0.24	0	0	0	0	0	0	0	0
12/12/2023 18:46	44601 SALE_T2	0	0	0	0	0	0	0.01	0.01	0	0	0	0	0	0
12/12/2023 18:46	44301 BEAV_T2	1	1	0	0.3	0	-0.3	-0.15	0.04	1	1	0	600	600	0
12/12/2023 18:46	40502 CRES_T2	6	9	3	0.2	0.18	-0.02	-1.31	-1.36	0	0	0	0	0	0
12/12/2023 18:46	59101 WALK_T2	2	3	1	0.1	0	-0.1	3.19	3.33	0	0	0	0	0	0
12/12/2023 18:47	40505 CRES_T1	0	0	0	0	0	0	0.54	0.53	0	0	0	0	0	0
12/12/2023 18:47	64303 LINC_T1	1	3	2	2.6	0	-2.6	0	0	0	0	0	0	0	0
12/12/2023 18:47	55002 NEWP_T1	3	4	1	0.27	0.4	0.13	-0.2	-0.21	0	0	0	0	0	0
12/12/2023 18:47	54603 SUMM_T2	0	2	2	0	0	0	0	0	0	0	0	0	0	0
12/12/2023 18:47	40201 BEGA_T2	1	1	0	1.1	0.7	-0.4	0	0	0	0	0	0	0	0
12/12/2023 18:47	65001 NEFF_T2	0	0	0	0	0	0	-0.67	-0.75	1	1	0	1200	1200	0
12/12/2023 18:47	56802 BENV_T2	1	2	1	0.1	0.1	0	-1.31	-1.34	0	0	0	0	0	0
12/12/2023 18:47	43304 WATS_T2	1	1	0	0.1	0	-0.1	0	0	0	0	0	0	0	0
12/12/2023 18:47	52102 MEIS_T1	0	0	0	0	0	0	0	0	1	1	0	450	450	0
12/12/2023 18:47	60701 BREC_T1	0	0	0	0	0	0	-0.56	-0.55	2	2	0	1200	1200	0
12/12/2023 18:47	56504 ROCK_T2	3	1	-2	2.93	0	-2.93	0	0	0	0	0	0	0	0
12/12/2023 18:47	40101 HUNT_T2	224	270	46	0.69	0.78	0.09	-0.62	-0.57	0	0	0	0	0	0
12/12/2023 18:47	67502 WEWI_T2	0	0	0	0	0	0	-2.61	-2.68	2	2	0	1800	1800	0
12/12/2023 18:48	47002 HUGH_T2	0	1	1	0	0	0	0	0	0	0	0	0	0	0
12/12/2023 18:48	56504 ROCK_T2	3	1	-2	2.93	0	-2.93	-0.25	-0.23	0	0	0	0	0	0
12/12/2023 18:48	52501 PROG_T1	0	0	0	0	0	0	0.28	0.29	1	1	0	300	300	0
12/12/2023 18:48	53501 EVIL_T2	1	3	2	0.1	0.1	0	-0.83	-0.81	1	1	0	600	600	0
12/12/2023 18:48	62601 ENGI_T1	0	1	1	0	0	0	0	0	0	0	0	0	0	0
12/12/2023 18:48	20403 ASHF_T2	0	0	0	0	0	0	0.54	0.54	0	0	0	0	0	0
12/12/2023 18:48	40502 CRES_T2	6	9	3	0.2	0.18	-0.02	-0.65	-0.68	0	0	0	0	0	0
12/12/2023 18:48	42801 SELI_T1	1	1	0	0	0	0	0	0	0	0	0	0	0	0
12/12/2023 18:48	60902 DONG_T2	0	0	0	0	0	0	0.49	0.47	0	0	0	0	0	0
12/12/2023 18:48	43402 BENT_T1	0	0	0	0	0	0	1.53	1.52	2	2	0	1500	1500	0
12/12/2023 18:49	63404 HONY_T1	2	2	0	6.35	6.6	0.25	0	0	0	0	0	0	0	0
12/12/2023 18:49	66502 SMAN_T2	0	2	2	0	0	0	0	0	0	0	0	0	0	0
12/12/2023 18:49	60201 ATGL_T2	0	0	0	0	0	0	0.18	0.19	1	1	0	300	300	0
12/12/2023 18:49	43304 WATS_T2	1	1	0	0.1	0	-0.1	0	0	0	0	0	0	0	0
12/12/2023 18:49	42802 SELI_T1	0	1	1	0	0	0	-2.28	-2.31	1	1	0	900	900	0
12/12/2023 18:49	47401 PENS_T1	1	1	0	3.4	0	-3.4	-0.31	-0.37	0	0	0	0	0	0
12/12/2023 18:49	44301 BEAV_T2	1	1	0	0.3	0	-0.3	-0.15	0.04	1	1	0	600	600	0
12/12/2023 18:49	52204 DEVO_T2

Appendix C - Grid Benefits Achieved in Each Instance of Active Management

12/12/2023 18:52	43001 ALWD_T1	0	1	1	0	0	0	0	0	0	0	0	0	0	0
12/12/2023 18:53	56802 BENV_T2	1	2	1	0.1	0.1	0	-2.63	-2.68	0	0	0	0	0	0
12/12/2023 18:53	50202 HARR_T3	1	1	0	0.1	0	-0.1	0	0	0	0	0	0	0	0
12/12/2023 18:53	55001 NEWP_T1	0	1	1	0	0	0	0	0	0	0	0	0	0	0
12/12/2023 18:53	60803 BUCK_T1	0	0	0	0	0	0	-1.35	-1.31	1	1	0	600	600	0
12/12/2023 18:53	43201 MVIL_T2	0	1	1	0	0.2	0.2	0	0	0	0	0	0	0	0
12/12/2023 18:53	47401 PENS_T1	1	1	0	3.4	0	-3.4	-0.37	-0.36	0	0	0	0	0	0
12/12/2023 18:53	46803 HEPB_T2	0	1	1	0	0	0	0	0	0	0	0	0	0	0
12/12/2023 18:53	64101 REFR_T1	0	0	0	0	0	0	0	-0.02	0	0	0	0	0	0
12/12/2023 18:53	62601 ENGL_T1	0	1	1	0	0	0	0	0	0	0	0	0	0	0
12/12/2023 18:53	60701 BREC_T1	0	0	0	0	0	0	-1.13	-1.11	4	4	0	2400	2400	0
12/12/2023 18:54	40502 CRES_T2	6	9	3	0.2	0.18	-0.02	-0.68	-0.64	0	0	0	0	0	0
12/12/2023 18:54	57401 SPAN_T1	2	3	1	0.25	0.25	0	-0.55	-0.63	1	1	0	600	600	0
12/12/2023 18:54	54206 PENN_T2	2	0	-2	1.3	0	-1.3	0	0	0	0	0	0	0	0
12/12/2023 18:54	40505 CRES_T1	0	0	0	0	0	0	1.06	1.04	0	0	0	0	0	0
12/12/2023 18:54	43304 WATS_T2	1	1	0	0.1	0	-0.1	0	0	0	0	0	0	0	0
12/12/2023 18:54	40101 HUNT_T2	224	270	46	0.69	0.78	0.09	-0.57	-0.6	0	0	0	0	0	0
12/12/2023 18:54	20403 ASHF_T2	0	0	0	0	0	0	0.54	0.53	2	2	0	0	0	0
12/12/2023 18:55	42802 SELI_T1	0	1	1	0	0	0	-2.31	-2.3	1	1	0	900	900	0
12/12/2023 18:55	67201 TEHI_T1	0	2	2	0	0	0	0	0	0	0	0	0	0	0
12/12/2023 18:55	67401 WAKE_T2	0	0	0	0	0	0	-2.25	-2.16	0	0	0	0	0	0
12/12/2023 18:55	56504 ROCK_T2	3	1	-2	2.93	0	-2.93	-0.23	-0.22	0	0	0	0	0	0
12/12/2023 18:55	53501 EVIL_T2	1	3	2	0.1	0.1	0	-0.81	-0.82	1	1	0	600	600	0
12/12/2023 18:55	52101 MEIS_T1	1	1	0	2.4	0	-2.4	0	0	0	0	0	0	0	0
12/12/2023 18:55	67002 STHI_T2	26	50	24	0.13	0.15	0.02	0.61	0.62	0	0	0	0	0	0
12/12/2023 18:55	61801 EELI_T2	0	1	1	0	0	0	-0.88	-0.92	1	1	0	600	600	0
12/12/2023 18:55	60701 BREC_T1	0	0	0	0	0	0	-0.55	-0.57	2	2	0	1200	1200	0
12/12/2023 18:55	54505 ENOL_T2	1	2	1	0.4	0.3	-0.1	0	0	0	0	0	0	0	0
12/12/2023 18:55	58402 MORO_T1	3	1	-2	0.87	0.3	-0.57	-0.82	-0.83	3	3	0	2400	2400	0
12/12/2023 18:55	60502 NMAN_T2	2	1	-1	0.75	0	-0.75	-0.14	-0.19	0	0	0	0	0	0
12/12/2023 18:56	41901 REED_T1	8	4	-4	0.35	0.55	0.2	0	0	0	0	0	0	0	0
12/12/2023 18:56	42201 SHEN_T2	0	0	0	0	0	0	0.1	0.09	1	1	0	600	600	0
12/12/2023 18:56	54701 NEBL_T1	0	0	0	0	0	0	0	0	1	1	0	600	600	0
12/12/2023 18:56	62601 ENGL_T1	0	1	1	0	0	0	0	0	0	0	0	0	0	0
12/12/2023 18:56	43402 BENT_T1	0	0	0	0	0	0	-1.52	-1.53	2	2	0	1500	1500	0
12/12/2023 18:57	57403 SPAN_T1	0	12	12	0	0.24	0.24	0.16	0.32	0	0	0	0	0	0
12/12/2023 18:57	59101 WALK_T2	2	3	1	0.1	0	-0.1	1.67	1.61	0	0	0	0	0	0
12/12/2023 18:57	64802 MONE_T2	0	0	0	0	0	0	-0.01	-0.01	0	0	0	0	0	0
12/12/2023 18:57	64101 REFR_T1	0	0	0	0	0	0	-0.04	-0.01	0	0	0	0	0	0
12/12/2023 18:57	54505 ENOL_T2	1	2	1	0.4	0.3	-0.1	-1.18	-1.22	1	1	0	600	600	0
12/12/2023 18:57	52501 PROG_T1	0	0	0	0	0	0	0.29	0.32	1	1	0	300	300	0
12/12/2023 18:57	59101 WALK_T2	2	3	1	0.1	0	-0.1	1.67	1.61	0	0	0	0	0	0
12/12/2023 18:57	56501 ROCK_T2	1	6	5	0.6	0.13	-0.47	-1.36	-1.34	0	0	0	0	0	0
12/12/2023 18:57	57403 SPAN_T1	0	12	12	0	0.24	0.24	0.16	0.32	0	0	0	0	0	0
12/12/2023 18:57	54505 ENOL_T2	1	2	1	0.4	0.3	-0.1	-1.18	-1.22	1	1	0	600	600	0
12/12/2023 18:57	56802 BENV_T2	1	2	1	0.1	0.1	0	-1.34	-1.33	0	0	0	0	0	0
12/12/2023 18:57	41901 REED_T1	8	4	-4	0.35	0.55	0.2	0	0	0	0	0	0	0	0
12/12/2023 18:57	66703 STRA_T1	1	1	0	0.8	0	-0.8	-0.2	-0.21	0	0	0	0	0	0
12/12/2023 18:57	43402 BENT_T1	0	0	0	0	0	0	-1.52	-1.53	2	2	0	1500	1500	0
12/12/2023 18:57	56501 ROCK_T2	1	6	5	0.6	0.13	-0.47	-1.36	-1.34	0	0	0	0	0	0
12/12/2023 18:57	40502 CRES_T2	6	9	3	0.2	0.18	-0.02	-0.68	-0.64	0	0	0	0	0	0
12/12/2023 18:57	55001 NEWP_T1	0	1	1	0	0	0	0	0	0	0	0	0	0	0
12/12/2023 18:57	41801 GOCI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/12/2023 18:58	56501 ROCK_T2	1	6	5	0.6	0.13	-0.47	-2.72	-2.68	0	0	0	0	0	0
12/12/2023 18:58	56504 ROCK_T2	3	1	-2	2.93	0	-2.93	-0.46	-0.44	0	0	0	0	0	0
12/12/2023 18:58	55002 NEWP_T1	3	4	1	0.27	0.4	0.13	-0.23	-0.21	0	0	0	0	0	0
12/12/2023 18:58	57402 SPAN_T2	3	0	-3	0.1	0	-0.1	0	0	0	0	0	0	0	0
12/12/2023 18:58	43304 WATS_T2	1	1	0	0.1	0	-0.1	0	0	0	0	0	0	0	0
12/12/2023 18:58	67502 WEWI_T2	0	0	0	0	0	0	-1.34	-1.34	1	1	0	900	900	0
12/12/2023 18:58	59101 WALK_T2	2	3	1	0.1	0	-0.1	1.67	1.61	0	0	0	0	0	0
12/12/2023 18:58	54603 SUMM_T2	0	2	2	0	0	0	0	0	0	0	0	0	0	0
12/12/2023 18:58	53903 HALI_T2	2	2	0	0.65	0.8	0.15	-0.22	-0.22	0	0	0	0	0	0
12/12/2023 18:58	60902 DONG_T2	0	0	0	0	0	0	0.47	0.47	0	0	0	0	0	0
12/12/2023 18:58	56802 BENV_T2	1	2	1	0.1	0.1	0	-4.02	-4	0	0	0	0	0	0
12/12/2023 18:59	55105 WERT_T1	1	0	-1	1.3	0	-1.3	-0.47	-0.45	1	1	0	900	900	0
12/12/2023 18:59	57401 SPAN_T1	2	3	1	0.25	0.25	0	-0.55	-0.63	1	1	0	600	600	0
12/12/2023 18:59	54603 SUMM_T2	0	2	2	0	0	0	0	0	0	0	0	0	0	0
12/12/2023 18:59	54505 ENOL_T2	1	2	1	0.4	0.3	-0.1	-2.37	-2.44	2	2	0	1200	1200	0
12/12/2023 18:59	61801 EELI_T2	0	1	1	0	0	0	-1.76	-1.83	2	2	0	1200	1200	0
12/12/2023 18:59	58401 MORO_T1	0	0	0	0	0	0	-0.88	-0.89	1	1	0	600	600	0
12/12/2023 18:59	45402 WBLO_T2	0	0	0	0	0	0	-0.56	-0.58	0	0	0	0	0	0
12/12/2023 18:59	60902 DONG_T2	0	0	0	0	0	0	0.47	0.47	0	0	0	0	0	0
12/12/2023 18:59	42601 TUSC_T1	10	10	0	0.83	0.28	-0.55	-0.16	-0.24	2	2	0	1800	1800	0
12/12/2023 19:00	56501 ROCK_T2	1	8	7	0.2	0.14	-0.06	-2.72	-2.68	0	0	0	0	0	0
12/12/2023 19:00	65901 SAKR_T2	2	3	1	5.15	9.4	4.25	0	0	0	0	0	0	0	0
12/12/2023 19:00	40505 CRES_T1	0	0	0	0	0	0	0.53	0.52	0	0	0	0	0	0
12/12/2023 19:00	44301 BEAV_T2	0	1	1	0	0.2	0.2	0.04	-0.03	1	1	0	600	600	0
12/12/2023 19:00	57401 SPAN_T1	2	3	1	0.25	0.2	-0.05	0	0	0	0	0	0	0	0
12/12/2023 19:00	52102 MEIS_T1	0	0	0	0	0	0	0	0	1	1	0	450	450	0
12/12/2023 19:00	52501 PROG_T1	0	0	0	0	0	0	0.29	0.32	1	1	0	300	300	0
12/12/2023 19:00	40101 HUNT_T2	242	344	102	0.81	0.83	0.02	-0.57	-0.6	0	0	0	0	0	0
12/12/2023 19:00	58402 MORO_T1	1	1	0	0.3	0	-0.3	-0.82	-0.83	3	3	0	2400	2400	0
12/12/2023 19:00	64101 REFR_T1	0	0	0	0	0	0	-0.02	-0.01	0	0	0	0	0	0
12/12/2023 19:01	64101 REFR_T1	0	0	0	0	0	0	-0.02	-0.01	0	0	0	0	0	0
12/12/2023 19:01	54504 ENOL_T2	0	1	1	0	0	0	0	0	0	0	0	0	0	0
12/12/2023 19:01	54504 ENOL_T2	0	1	1	0	0	0	0	0	0	0	0	0	0	0
12/12/2023 19:01	53501 EVIL_T2	0	3	3	0	0.1	0.1	-0.81	-0.82	1	1	0	600	600	0
12/12/2023 19:01	56802 BENV_T2	1	2	1	0.1	0.1	0	-1.34	-1.33	0	0	0	0	0	0
12/12/2023 19:02	59101 WALK_T2	3	2	-1	0.15	0	-0.15	3.33	3.23	0	0	0	0	0	0
12/12/2023 19:02	56802 BENV_T2	1	2	1	0.1	0.1	0	-1.34	-1.33	0	0	0	0	0	0
12/12/2023 19:02	57401 SPAN_T1	2	3	1	0.25	0.2	-0.05	0	0	0	0	0	0	0	0
12/12/2023 19:02	40101 HUNT_T2	242	344	102	0.81	0.83	0.02	-0.57	-0.6	0	0	0	0	0	0
12/12/2023 19:03	56802 BENV_T2	1	2	1	0.1	0.1	0	-1.34	-1.33	0	0	0	0	0	0
12/12/2023 19:03	46903 MNTG_T2	0	95	95	0	0.21	0.21	-0.21	-0.21	1	1	0	600	600	0
12/12/2023 19:05	54202 PENN_T2	0	1	1	0	0	0	0	0	0	0	0	0	0	0
12/12/2023 19:05	50701 SMEC_T1	0	2	2	0	0	0	0.12	0.09	0	0	0	0	0	0
12/12/2023 19:05	58402 MORO_T1	1	1	0	0.3	0	-0.3	0	0	0	0	0	0	0	0
12/12/2023 19:07	58402 MORO_T1	1	1	0	0.3	0	-0.3	-0.82	-0.83	3	3	0	2400	2400	0
12/12/2023 19:08	56501 ROCK_T2	1	8	7	0.2	0.14	-0.06	0	0	0	0	0	0	0	0
12/12/2023 19:09	65003 NEFF_T2	2	6	4	0.2	0.13	-0.07	0	0	0	0	0	0	0	0
12/12/2023 19:15	10805 CHNI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/12/2023 19:22	55002 NEWP_T1	3	2	-1	0.37	0.25	-0.12	-0.21	-0.2	0	0	0	0	0	0
12/12/2023 19:36	54506 ENOL_T2	0	1	1	0	0	0	0	0	0	0	0	0	0	0
12/12/2023 19:52	64101 REFR_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/12/2023 20:01	52501 PROG_T1	0	0	0	0	0	0	0.29	0.32	1	1	0	300	300	0
12/12/2023 20:03	65004 NEFF_T2	1	0	-1	0.9	0	-0.9	0	0	0	0	0	0	0	0
12/12/2023 20:56	65001 NEFF_T2	0	0	0	0	0	0	-0.87	-0.87	1	1	0	1200	1200	0
12/12/2023 22:04	65003 NEFF_T2	3	0	-3	0.17	0	-0.17	0	0	0	0	0	0	0	0
12/12/2023 22:26	50202 HARR_T3	2	1	-1	2.95	0	-2.95	0	0	0	0	0	0	0	0
12/12/2023 23:02	65001 NEFF_T2	0	0	0	0	0	0	-1.09	-1.05	1	1	0	1200	1200	0
12/13/2023 0:00	65001 NEFF_T2	0	0	0	0	0	0	-1.3	-1.26	1	1	0	1200	1200	0
12/13/2023 1:06	65001 NEFF_T2	0	3	3	0	0.1	0.1	-1.24	-1.28	1	1	0	1200	1200	0
12/13/2023 1:34	65001 NEFF_T2	3	1	-2	0.1	0.1	0	-1.25	-1.28	1	1	0	1200	1200	0
12/13/2023 2:54	45501 DERR_T2	0	0	0	0	0	0	-0.04	-0.08	2	2	0	1800	1800	0
12/13/2023 2:55	45501 DERR_T2	0	0	0	0	0	0	-0.04	-0.08	2	2	0	1800	1800	0
12/13/2023 3:03	65001 NEFF_T2	0	0	0	0	0	0	-1.2	-1.22	1	1	0	1200	1200	0
12/13/2023 3:40	65001 NEFF_T2	0	0	0	0	0	0	-1.19	-1.16	1	1	0	1200	1200	0
12/13/2023 4:17	65001 NEFF_T2	0	0	0	0	0	0	-1.2	-1.11	1	1	0	1200	1200	0
12/13/2023 4:49	40101 HUNT_T2	7	5	-2	0.23	0.1	-0.13	-0.43	-0.48	0	0	0	0	0	0
12/13/2023 5:14	65001 NEFF_T2	0	0	0	0	0	0	-0.96	-0.93	1	1	0	1200	1200	0
12/13/2023 6:07	65001 NEFF_T2	0	1	1	0	0	0	-0.86	-0.87	1	1	0	1200	1200	0
12/13/2023 7:15	65005 NEFF_T2	2	0	-2	1.6	0	-1.6	0	0	0	0	0	0	0	0
12/13/2023 7:26	65001 NEFF_T2	1	2	1	1.9	0	-1.9	-0.54	-0.62	1	1	0	1200	1200	0
12/13/2023 7:36	65003 NEFF_T2	1	2	1	0.7	0	-0.7	0	0	0	0	0	0	0	0
12/13/2023 7:52	65005 NEFF_T2	0	1	1	0	0	0	0	0	0	0	0	0	0	0
12/13/2023 7:55	45502 DERR_T2	0	1	1	0	0.3	0.3	0	0	0	0	0	0	0	0
12/13/2023 8:09	45502 DERR_T2	1	1	0	0.6	0	-0.6	0	0	0	0	0	0	0	0
12/13/2023 8:11	43402 BENT_T1	1	0	-1	0.2	0	-0.2	-1.34	-1.31	2	2	0	1500	1500	0
12/13/2023 8:12	43402 BENT_T1	1	0	-1	0.2	0	-0.2	-2.67	-2.63	4	4	0	3000	3000	0
12/13/2023 8:14	46901 MNTG_T2	0	0	0	0	0	0	1.75	1.7	0	0	0	0	0	0
12/13/2023 8:17	40101 HUNT_T2	120	135	15	0.55	0.45	-0.1	-0.42	-0.45	0	0	0	0	0	0
12/13/2023 8:17	25402 LAHA_T2	0	0	0	0	0	0	-0.7	-0.69	0	0	0	0	0	0
12/13/2023 8:20	54701 NEBL_T1	0	0	0	0	0	0	0	0	1	1	0	600	600	0
12/13/2023 8:20	67103 SPRI_T1	0	0	0	0	0	0	-0.04	-0.04	0	0	0	0	0	0
12/13/2023 8:21	54701 NEBL_T1	0	0	0	0	0	0	0	0	1	1	0	600	600	0
12/13/2023 8:22	67103 SPRI_T1	0	0	0	0	0	0	-0.04	-0.04	0	0	0	0	0	0
12/13/2023 8:23	43304 WATS_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/13/2023 8:24	43304 WATS_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/13/2023 8:29	54201 PENN_T1	196	221	25	0.47	0.5	0.03	-2.6	-1.68	0	0	0	0	0	0
12/13/2023 8:30	46901 MNTG_T2	0	0	0	0	0	0	1.7	1.8	0	0	0	0	0	0
12/13/2023 8:30	43402 BENT_T1	0	1	1	0	0	0	-1.31	-1.28	2	2	0	1500	1500	0
12/13/2023 8:31	43402 BENT_T1	0	1	1	0	0	0	-1.31	-1.28	2	2	0	1500	1500	0
12/13/2023 8:32	49803 UNIV_T1	0	8	8	0	0.16	0.16	-0.99	-0.98	0	0	0	0	0	0
12/13/2023 8:34	55002 NEWP_T1	6	7	1	0.53	0.94	0.41	-0.19	-0.15	0	0	0	0	0	0
12/13/2023 8:40	43402 BENT_T1	0	1	1	0	0	0	-1.28	-1.36	2	2	0	1500	1500	0
12/13/2023 8:44	43402 BENT_T1	0	1	1	0	0	0	-1.28	-1.36	2	2	0	1500	1500	0
12/13/2023 8:53	65005 NEFF_T2	0	1	1	0	0	0	0	0	0	0	0	0	0	0
12/13/2023 8:58	53601 DALM_T2	6	17	11	3.13	0.9	-2.23	-0.46	-0.48	1	1	0	900	900	0
12/13/2023 9:00	67503 WEWI_T2	1	5	4	2.7	0	-2.7	0.05	0.01	0	0	0	0	0	0
12/13/2023 9:00	56501 ROCK_T2	12	293	281	0.13	0.27	0.14	0	0	0	0	0	0	0	0
12/13/2023 9:00	47402 PENS_T1	114	122	8	1.51	1.93	0.42	0	0	0	0	0	0	0	0
12/13/2023 9:00	50107 HARR_T3	1	4	3	0.6	0	-0.6	0	0	0	0	0	0	0	0
12/13/2023 9:00	58402 MORO_T1	0	0	0	0	0	0	-2.6	-2.45	9	9	0	7200	7200	0
12/13/2023 9:00	41902 REED_T1	5	2	-3	5.12	0	-5.12	0.43	0.4	0	0	0	0	0	0
12/13/2023 9:00	52101 MEIS_T1	6	11	5	1.62	0.9	-0.72	0	0	0	0	0	0	0	0
12/13/2023 9:00	43304 WATS_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/13/2023 9:00	53903 HALI_T2	2	2	0	0.5	0.9	0.4	-0.33	-0.22	0	0	0	0	0	0
12/13/2023 9:00	59101 WALK_T2	1	1	0	0	0	0	1.69	1.98	1	1	0	450	450	0
12/13/2023 9:00	67103 SPRI_T1	0	0	0	0	0	0	-0.07	-0.08	0	0	0	0	0	0
12/13/2023 9:02	46903 MNTG_T2	0	0	0	0	0	0	0.23	0.1	1	1	0	600	600	0
12/13/2023 9:06	47401 PENS_T1	7	4	-3	2.07	0	-2.07	-0.9	1.02	0	0	0	0	0	0
12/13/2023 9:07	57403 SPAN_T1	0	0	0	0	0	0	0.23	0.16	0	0	0	0	0	0
12/13/2023 9:07	59101 WALK_T2	1	1	0	0	0	0	0	0	0	0	0	0	0	0
12/13/2023 9:08	67103 SPRI_T1	0	0	0	0	0	0	-0.07	-0.08	0	0	0	0	0	0
12/13/2023 9:08	46004 BERW_T2	1	0	-1	5.4	0	-5.4	-0.38	-0.35	0	0	0	0	0	0
12/13/2023 9:09	43304 WATS_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/13/2023 9:13	45501 DERR_T2	0	0	0	0	0	0	0.58	0.63	2	2	0	1800	1800	0
12/13/2023 9:15	52102 MEIS_T1	1	8	7	3.9	0.5	-3.4	0	0	2	2	0	900	900	0
12/13/2023 9:15	46903 MNTG_T2	0	0	0	0	0	0	0.19	0.39	2	2	0	1200	1200	0
12/13/2023 9:16	46903 MNTG_T2	0	0	0	0	0	0	0.19	0.39	2	2	0	1200	1200	0
12/13/2023 9:17	54701 NEBL_T1	0	1	1	0	0.1	0.1	0	0	1	1	0	600	600	0
12/13/2023 9:17	46901 MNTG_T2	0	0	0	0	0	0	2.03	1.88	0	0	0	0	0	0
12/13/2023 9:20	55002 NEWP_T1	7	8	1	1.09	1.04	-0.05	-0.18	-0.17	0	0	0	0	0	0
12/13/2023 9:21	67001 STHI_T2	293	442	149	0.18	0.2	0.02	0	0	0	0	0	0	0	0
12/13/2023 9:23	67001 STHI_T2	293	442	149	0.18	0.2	0.02	0	0	0	0	0	0	0	0
12/13/2023 9:24	67002 STHI_T2	95	200	105	0.17	0.17	0	0.68	0.64	0	0	0	0	0	0
12/13/2023 9:25	41801 GOCI_T2	0	4	4	0	0.35	0.35	0	0	0	0	0	0	0	0
12/13/2023 9:26	43402 BENT_T1	3	4	1	0.67	0	-0.67	-1.27	-1.28	2	2	0	1500	1500	0
12/13/2023 9:27	43402 BENT_T1	3	4	1

Appendix C - Grid Benefits Achieved in Each Instance of Active Management

12/13/2023 10:02	55002 NEWP_T1	9	11	2	1.17	1.01	-0.16	-0.32	-0.34	0	0	0	0	0	0
12/13/2023 10:03	55002 NEWP_T1	9	11	2	1.17	1.01	-0.16	-0.16	-0.17	0	0	0	0	0	0
12/13/2023 10:04	41901 REED_T1	16	34	18	1.43	0.31	-1.12	0	0	0	0	0	0	0	0
12/13/2023 10:04	64101 REFR_T1	0	1	1	0	0	0	0.01	-0.03	0	0	0	0	0	0
12/13/2023 10:05	66901 SHIL_T2	168	65	-103	0.22	0.15	-0.07	-1.58	-1.6	1	1	0	1200	1200	0
12/13/2023 10:05	46302 ROHR_T1	2	3	1	0.5	0.6	0.1	0.22	0.2	0	0	0	0	0	0
12/13/2023 10:06	64101 REFR_T1	0	1	1	0	0	0	0.01	-0.03	0	0	0	0	0	0
12/13/2023 10:07	20401 ASHF_T2	0	1	1	0	0	0	0	0	0	0	0	0	0	0
12/13/2023 10:07	46001 BERW_T1	0	0	0	0	0	0	1.26	1.17	0	0	0	0	0	0
12/13/2023 10:07	43804 WATS_T2	0	1	1	0	0	0	0	0	0	0	0	0	0	0
12/13/2023 10:07	41901 REED_T1	16	34	18	1.43	0.31	-1.12	0	0	0	0	0	0	0	0
12/13/2023 10:07	64101 REFR_T1	0	1	1	0	0	0	0.01	-0.03	0	0	0	0	0	0
12/13/2023 10:08	56802 BENV_T2	29	42	13	0.28	0.27	-0.01	-2.56	-2.47	0	0	0	0	0	0
12/13/2023 10:08	67001 STHI_T2	545	417	-128	0.23	0.18	-0.05	0	0	0	0	0	0	0	0
12/13/2023 10:08	67201 TEHI_T1	3	7	4	0.9	0	-0.9	0	0	0	0	0	0	0	0
12/13/2023 10:08	64101 REFR_T1	0	1	1	0	0	0	0.03	-0.05	0	0	0	0	0	0
12/13/2023 10:09	67201 TEHI_T1	3	7	4	0.9	0	-0.9	0.5	0.22	2	2	0	1500	1500	0
12/13/2023 10:09	41902 REED_T1	3	21	18	4.6	0.2	-4.4	1.07	1.18	0	0	0	0	0	0
12/13/2023 10:09	56802 BENV_T2	29	42	13	0.28	0.27	-0.01	-1.23	-1.28	0	0	0	0	0	0
12/13/2023 10:10	46001 BERW_T1	0	0	0	0	0	0	1.17	1.12	0	0	0	0	0	0
12/13/2023 10:10	29402 BELT_T1	3	2	-1	3.27	7	3.73	0	0	0	0	0	0	0	0
12/13/2023 10:10	56802 BENV_T2	29	42	13	0.28	0.27	-0.01	-1.23	-1.28	0	0	0	0	0	0
12/13/2023 10:10	40504 CRES_T1	11	27	16	0.13	0.26	0.13	-1.66	-1.66	0	0	0	0	0	0
12/13/2023 10:11	57403 SPAN_T1	4	7	3	0.18	0.2	0.02	0	0	0	0	0	0	0	0
12/13/2023 10:11	53502 EVIL_T2	1	1	0	1	0.5	-0.5	0	0	0	0	0	0	0	0
12/13/2023 10:11	40504 CRES_T1	11	27	16	0.13	0.26	0.13	-1.66	-1.66	0	0	0	0	0	0
12/13/2023 10:12	57401 SPAN_T1	30	29	-1	1.17	0.78	-0.39	-1.01	-1.04	1	1	0	600	600	0
12/13/2023 10:13	53501 EVIL_T2	9	9	0	0.68	0.68	0	-0.25	-0.18	1	1	0	600	600	0
12/13/2023 10:13	46302 ROHR_T1	2	3	1	0.5	0.6	0.1	0.2	0.21	0	0	0	0	0	0
12/13/2023 10:14	53501 EVIL_T2	9	9	0	0.68	0.68	0	-0.25	-0.18	1	1	0	600	600	0
12/13/2023 10:14	57403 SPAN_T1	4	7	3	0.18	0.2	0.02	0	0	0	0	0	0	0	0
12/13/2023 10:14	20401 ASHF_T2	0	1	1	0	0	0	0	0	0	0	0	0	0	0
12/13/2023 10:15	53502 EVIL_T2	1	1	0	0.5	0	-0.5	0	0	0	0	0	0	0	0
12/13/2023 10:18	64802 MONE_T2	2	6	4	0.35	0.18	-0.17	-0.01	-0.02	0	0	0	0	0	0
12/13/2023 10:21	65001 NEFF_T2	20	21	1	0.96	0.1	-0.86	-0.43	-0.51	1	1	0	1200	1200	0
12/13/2023 10:21	67502 WEWI_T2	1	1	0	0.5	0.7	0.2	-0.13	-0.17	0	0	0	0	0	0
12/13/2023 10:24	67502 WEWI_T2	1	1	0	0.5	0.7	0.2	-0.17	-0.19	0	0	0	0	0	0
12/13/2023 10:24	67202 TEHI_T2	1	3	2	2.5	0	-2.5	0	0	0	0	0	0	0	0
12/13/2023 10:25	43001 ALWD_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/13/2023 10:26	45502 DERR_T2	1	1	0	0.4	0.2	-0.2	0	0	0	0	0	0	0	0
12/13/2023 10:26	67502 WEWI_T2	1	1	0	0.5	0.7	0.2	-0.17	-0.19	0	0	0	0	0	0
12/13/2023 10:27	57403 SPAN_T1	5	15	10	0.24	0.23	-0.01	0	0	0	0	0	0	0	0
12/13/2023 10:28	65004 NEFF_T2	5	17	12	1.12	0.4	-0.72	0	0	0	0	0	0	0	0
12/13/2023 10:28	45502 DERR_T2	1	1	0	0.4	0.2	-0.2	0	0	0	0	0	0	0	0
12/13/2023 10:28	57403 SPAN_T1	5	15	10	0.24	0.23	-0.01	0.16	0.16	0	0	0	0	0	0
12/13/2023 10:30	57401 SPAN_T1	12	41	29	0.93	0.45	-0.48	-1.04	-1.07	1	1	0	600	600	0
12/13/2023 10:32	59301 MCAL_T1	4	6	2	0.68	0.5	-0.18	-1.67	-1.68	1	1	0	600	600	0
12/13/2023 10:37	52102 MEIS_T1	4	51	47	0.97	0.9	-0.07	0	0	1	1	0	450	450	0
12/13/2023 10:39	56801 BENV_T1	30	35	5	0.54	0.6	0.06	-0.69	-0.69	1	1	0	600	600	0
12/13/2023 10:39	66703 STRA_T1	1	1	0	3.1	0	-3.1	0.04	0.05	0	0	0	0	0	0
12/13/2023 10:40	16302 ALPA_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/13/2023 10:40	26001 WDAM_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/13/2023 10:42	15604 NSTR_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/13/2023 10:42	46801 HEPB_T2	2	2	0	0.2	0.5	0.3	0.63	0.65	0	0	0	0	0	0
12/13/2023 10:42	56802 BENV_T2	34	79	45	0.28	0.26	-0.02	-1.31	-1.26	0	0	0	0	0	0
12/13/2023 10:43	56803 BENV_T1	4	4	0	0.5	0.75	0.25	0	0	0	0	0	0	0	0
12/13/2023 10:43	56802 BENV_T2	34	79	45	0.28	0.26	-0.02	-1.31	-1.26	0	0	0	0	0	0
12/13/2023 10:44	40101 HUNT_T2	70	71	1	2.2	0.4	-1.8	-0.38	-0.39	0	0	0	0	0	0
12/13/2023 10:44	62604 ENGL_T1	0	0	0	0	0	0	-0.37	-0.37	1	1	0	600	600	0
12/13/2023 10:44	56802 BENV_T2	34	79	45	0.28	0.26	-0.02	-1.31	-1.26	0	0	0	0	0	0
12/13/2023 10:45	50107 HARR_T3	7	10	3	1	0	-1	0	0	0	0	0	0	0	0
12/13/2023 10:47	40101 HUNT_T2	53	62	9	1.29	0.35	-0.94	-0.38	-0.39	0	0	0	0	0	0
12/13/2023 10:47	62604 ENGL_T1	0	0	0	0	0	0	-0.74	-0.75	2	2	0	1200	1200	0
12/13/2023 10:47	40902 JESH_T1	0	0	0	0	0	0	-0.45	-0.5	0	0	0	0	0	0
12/13/2023 10:48	40101 HUNT_T2	53	62	9	1.29	0.35	-0.94	-0.38	-0.39	0	0	0	0	0	0
12/13/2023 10:48	56802 BENV_T2	41	162	121	0.26	0.27	0.01	-1.31	-1.26	0	0	0	0	0	0
12/13/2023 10:53	56503 ROCK_T2	0	1	1	0	0	0	0	0	0	0	0	0	0	0
12/13/2023 10:53	46001 BERW_T1	0	4	4	0	0	0	1.05	1.1	0	0	0	0	0	0
12/13/2023 10:53	43402 BENT_T1	0	2	2	0	0	0	-1.33	-1.36	2	2	0	1500	1500	0
12/13/2023 10:53	67502 WEWI_T2	0	2	2	0	0.9	0.9	0	0	0	0	0	0	0	0
12/13/2023 10:54	59101 WALK_T2	1	1	0	0	0	0	4.29	4.34	0	0	0	0	0	0
12/13/2023 10:54	45402 WBLO_T2	4	5	1	1.35	0.24	-1.11	-0.61	-0.6	0	0	0	0	0	0
12/13/2023 10:55	46001 BERW_T1	0	4	4	0	0	0	1.05	1.1	0	0	0	0	0	0
12/13/2023 10:55	60201 ATGL_T2	0	0	0	0	0	0	-0.03	0.55	1	0	-1	600	0	-600
12/13/2023 10:55	27503 WEIS_T2	0	7	7	0	0	0	0	0	0	0	0	0	0	0
12/13/2023 10:56	57401 SPAN_T1	17	50	33	0.81	0.25	-0.56	0	0	0	0	0	0	0	0
12/13/2023 10:56	60201 ATGL_T2	0	0	0	0	0	0	-0.03	0.55	1	0	-1	600	0	-600
12/13/2023 10:57	57401 SPAN_T1	17	50	33	0.81	0.25	-0.56	0	0	0	0	0	0	0	0
12/13/2023 10:58	57401 SPAN_T1	17	50	33	0.81	0.25	-0.56	0	0	0	0	0	0	0	0
12/13/2023 10:59	62605 ENGL_T1	0	1	1	0	0.4	0.4	0	0	0	0	0	0	0	0
12/13/2023 10:59	63401 HONT_T1	3	4	1	1.67	0	-1.67	1.14	1.3	0	0	0	0	0	0
12/13/2023 10:59	40101 HUNT_T2	53	62	9	1.29	0.35	-0.94	-0.39	-0.35	0	0	0	0	0	0
12/13/2023 11:01	40101 HUNT_T2	39	52	13	0.94	0.35	-0.59	-0.39	-0.35	0	0	0	0	0	0
12/13/2023 11:01	61801 EELI_T2	4	2	-2	2.25	0	-2.25	-0.28	-0.29	0	0	0	0	0	0
12/13/2023 11:01	46903 MNTG_T2	0	3	3	0	0.3	0.3	0	0	0	0	0	0	0	0
12/13/2023 11:01	17802 GILB_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/13/2023 11:03	64802 MONE_T2	7	33	26	0.37	0.34	-0.03	0	0	0	0	0	0	0	0
12/13/2023 11:03	40101 HUNT_T2	39	52	13	0.94	0.35	-0.59	-0.39	-0.35	0	0	0	0	0	0
12/13/2023 11:04	57403 SPAN_T1	24	54	30	0.34	0.33	-0.01	0.13	0.13	0	0	0	0	0	0
12/13/2023 11:04	52504 PROG_T1	24	20	-4	0.14	0.15	0.01	0	0	0	0	0	0	0	0
12/13/2023 11:04	46903 MNTG_T2	0	3	3	0	0.3	0.3	0.31	0.25	1	1	0	600	600	0
12/13/2023 11:05	62601 ENGL_T1	1	0	-1	5	0	-5	0	0	0	0	0	0	0	0
12/13/2023 11:05	52504 PROG_T1	24	20	-4	0.14	0.15	0.01	0	0	0	0	0	0	0	0
12/13/2023 11:05	54202 PENN_T2	31	12	-19	1.36	0	-1.36	0	0	0	0	0	0	0	0
12/13/2023 11:07	52504 PROG_T1	24	20	-4	0.14	0.15	0.01	0	0	0	0	0	0	0	0
12/13/2023 11:07	56504 ROCK_T2	18	23	5	1.86	0.3	-1.56	0	0	0	0	0	0	0	0
12/13/2023 11:08	29401 BELT_T1	27	37	10	0.18	0.22	0.04	0	0	1	1	0	900	900	0
12/13/2023 11:08	56802 BENV_T2	77	166	89	0.26	0.27	0.01	-1.26	-1.27	0	0	0	0	0	0
12/13/2023 11:09	65004 NEFF_T2	6	6	0	0.68	0.6	-0.08	0	0	0	0	0	0	0	0
12/13/2023 11:09	66501 SMAN_T2	4	2	-2	0.38	0.5	0.12	0	0	0	0	0	0	0	0
12/13/2023 11:10	67202 TEHI_T2	3	2	-1	3.13	0	-3.13	0	0	0	0	0	0	0	0
12/13/2023 11:10	42504 ALTA_T2	0	1	1	0	0.1	0.1	0	0	0	0	0	0	0	0
12/13/2023 11:10	67002 STHI_T2	41	50	9	0.27	0.25	-0.02	0	0	0	0	0	0	0	0
12/13/2023 11:10	56802 BENV_T2	77	166	89	0.26	0.27	0.01	-1.27	-1.31	0	0	0	0	0	0
12/13/2023 11:11	62605 ENGL_T1	1	1	0	0.4	0.2	-0.2	0	0	0	0	0	0	0	0
12/13/2023 11:11	29401 BELT_T1	27	37	10	0.18	0.22	0.04	0	0	1	1	0	900	900	0
12/13/2023 11:12	42503 ALTA_T2	0	0	0	0	0	0	-0.57	-0.58	0	0	0	0	0	0
12/13/2023 11:12	56802 BENV_T2	77	166	89	0.26	0.27	0.01	-2.54	-2.61	0	0	0	0	0	0
12/13/2023 11:15	67001 STHI_T2	230	5	-225	0.13	0.24	0.11	0.11	0.1	0	0	0	0	0	0
12/13/2023 11:18	55002 NEWP_T1	10	9	-1	0.91	0.93	0.02	-0.16	-0.18	0	0	0	0	0	0
12/13/2023 11:18	44601 SALE_T2	0	0	0	0	0	0	0.64	0.7	1	1	0	600	600	0
12/13/2023 11:18	52004 LING_T2	2	2	0	0.75	0.75	0	0.27	0.26	0	0	0	0	0	0
12/13/2023 11:19	64702 LITI_T2	0	0	0	0	0	0	-0.68	-0.76	0	0	0	0	0	0
12/13/2023 11:19	42802 SELI_T1	1	0	-1	0.4	0	-0.4	-2.29	-2.3	1	1	0	900	900	0
12/13/2023 11:20	42802 SELI_T1	1	0	-1	0.4	0	-0.4	-6.87	-6.9	3	0	-3	2700	0	-2700
12/13/2023 11:21	56501 ROCK_T2	6	7	1	1.67	0.17	-1.5	0	0	0	0	0	0	0	0
12/13/2023 11:21	44301 BEAV_T2	2	2	0	0.3	0.4	0.1	-0.01	0.01	2	2	0	1500	1500	0
12/13/2023 11:21	49803 UNIV_T1	1	2	1	0.5	0.65	0.15	-0.97	-1.07	0	0	0	0	0	0
12/13/2023 11:22	67501 WEWI_T1	0	0	0	0	0	0	-1.14	-1.13	1	1	0	600	600	0
12/13/2023 11:22	42801 SELI_T1	5	1	-4	2.38	0	-2.38	0	0	0	0	0	0	0	0
12/13/2023 11:22	56501 ROCK_T2	6	7	1	1.67	0.17	-1.5	0	0	0	0	0	0	0	0
12/13/2023 11:23	60803 BUCK_T1	0	0	0	0	0	0	-0.83	-0.85	1	1	0	600	600	0
12/13/2023 11:23	42801 SELI_T1	5	1	-4	2.38	0	-2.38	0	0	0	0	0	0	0	0
12/13/2023 11:23	56501 ROCK_T2	6	7	1	1.67	0.17	-1.5	0	0	0	0	0	0	0	0
12/13/2023 11:25	67505 WEWI_T1	2	0	-2	1.4	0	-1.4	0	0	0	0	0	0	0	0
12/13/2023 11:25	44301 BEAV_T2	2	2	0	0.3	0.4	0.1	0.01	-0.15	2	2	0	1500	1500	0
12/13/2023 11:25	67503 WEWI_T2	11	0	-11	1.47	0	-1.47	-0.75	-0.75	0	0	0	0	0	0
12/13/2023 11:26	44301 BEAV_T2	2	2	0	0.3	0.4	0.1	0.01	-0.15	2	2	0	1500	1500	0
12/13/2023 11:27	60803 BUCK_T1	0	0	0	0	0	0	0.83	0.85	1	1	0	600	600	0
12/13/2023 11:28	41801 GOCI_T2	5	5	0	0.46	0.4	-0.06	0	0	0	0	0	0	0	0
12/13/2023 11:29	39601 LNFD_T1	1	0	-1	4.1	0	-4.1	0	0	0	0	0	0	0	0
12/13/2023 11:29	53902 HALI_T2	0	0	0	0	0	0	-0.83	-0.82	0	0	0	0	0	0
12/13/2023 11:30	53903 HALI_T2	3	3	0	0.93	1.2	0.27	-0.11	-0.12	0	0	0	0	0	0
12/13/2023 11:32	53903 HALI_T2	3	3	0	0.93	1.2	0.27	-0.11	-0.12	0	0	0	0	0	0
12/13/2023 11:34	64702 LITI_T2	0	0	0	0	0	0	-1.51	-1.61	0	0	0	0	0	0
12/13/2023 11:35	54001 SDLE_T1	7	7	0	0.53	0.69	0.16	0	0	0	0	0	0	0	0
12/13/2023 11:35	64301 LINC_T1	0	0	0	0	0	0	0.04	0.05	1	1	0	600	600	0
12/13/2023 11:36	47403 PENS_T1	1	3	2	0.5	0.57	0.07	0	0	0	0	0	0	0	0
12/13/2023 11:36	65004 NEFF_T2	1	1	0	0.6	0.7	0.1	0	0	0	0	0	0	0	0
12/13/2023 11:37	65004 NEFF_T2	1	1	0	0.6	0.7	0.1	-0.49	-0.48	0	0	0	0	0	0
12/13/2023 11:37	49803 UNIV_T1	2	0	-2	0.65	0	-0.65	-1.07	-1.18	0	0	0	0	0	0
12/13/2023 11:37	46001 BERW_T1	0	0	0	0	0	0	2.25	2.27	0	0	0	0	0	0
12/13/2023 11:37	44301 BEAV_T2	2	4	2	0.4	0.3	-0.1	0.01	-0.15	2	2	0	1500	1500	0
12/13/2023 11:38	54001 SDLE_T1	7	7	0	0.53	0.69	0.16	0	0	0	0	0	0	0	0
12/13/2023 11:39	44301 BEAV_T2	2	4	2	0.4	0.3	-0.1	-0.15	-0.13	2	2	0	1500	1500	0
12/13/2023 11:39	46001 BERW_T1	0	0	0	0	0	0	1.14	1.19	0	0	0	0	0	0
12/13/2023 11:40	46001 BERW_T1	0	0	0	0	0	0	1.14	1.19	0	0	0	0	0	0
12/13/2023 11:44	44301 BEAV_T2	2	4	2	0.4	0.3	-0.1	-0.15	-0.13	2	2	0	1500	1500	0
12/13/2023 11:44	47001 HUGH_T2	0	0	0	0	0	0	-0.76	-0.76	0	0	0	0	0	0
12/13/2023 11:45	15604 NSTR_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/13/2023 11:45	59302 MCAL_T1	1	1	0	0.3	0.4	0.1	0	0	0	0	0	0	0	0
12/13/2023 11:47	56501 ROCK_T2	6	4	-2	0.17	0.2	0.03	0	0	0	0	0	0	0	0
12/13/2023 11:49	47403 PENS_T1	1	3	2	0.6	0.93	0.33	0	0	0	0	0	0	0	0
12/13/2023 11:52	20401 ASHF_T2	2	1	-1	0.1	0.2	0.1	0	0	0	0	0	0	0	0
12/13/2023 11:52	46003 BERW_T2	1	1	0	0.3	0.1	-0.2	0	0	0	0	0	0	0	0
12/13/2023 11:52	46001 BERW_T1	0	0	0	0	0	0	1.14	1.19	0	0	0	0	0	0
12/13/2023 11:52	44301 BEAV_T2	1	5	4	0.3	0.26	-0.04	-0.15	-0.13	2	2	0	1500	1500	0
12/13/2023 11:53	20401 ASHF_T2	2	1	-1	0.1	0.2	0.1	0	0	0	0	0	0	0	0
12/13/2023 11:53	67201 TEHI_T1	3	1	-2	0.2	0	-0.2	0	0	0	0	0	0	0	0
12/13/2023 11:53	46001 BERW_T1	0	0	0	0	0	0	1.19	1.02	0	0	0	0	0	0
12/13/2023 11:54	20403 ASHF_T2	3	1	-2	0.27	0.1	-0.17	0	0	0	0	0	0	0	0
12/13/2023 11:55	46001 BERW_T1	0	0	0	0	0	0	1.19	1.02	0	0	0	0	0	0
12/13/2023 11:55	44301 BEAV_T2	1	5	4	0.3	0.26	-0.04	-0.13	-0.87	2	2	0	1500	1500	0
12/13/2023 11:56	46001 BERW_T1	0	0	0	0	0	0	1.19	1.02	0	0	0	0	0	0
12/13/2023 11:56	66901 SHIL_T2	1	1	0	0.2	0.2	0	-1.61	-1.62	1	1	0	1200	1200	0
12/13/2023 11:57	55105 WERT_T1	2	3	1	0.5	0.65	0.15	-0.62	-0.62	1	1	0	900	900	0
12/13/2023 12:01	53901 HALI_T2	0	1	1	0	0.3	0.3	0	0	0	0	0	0	0	0
12/13/2023 12:01	53902 HALI_T2	1	0	-1	0.1	0	-0.1	-0.84	-0.86	0	0	0	0	0	0
12/13/2023 12:01	15604 NSTR_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/13/2023 12:01	59302 MCAL_T1	1	1	0	0.3	0.4	0.1	0	0	0	0	0	0	0	0
12/13/2023 12:03	59302 MCAL_T1	1	1	0	0.3	0.4	0.1	-0.33	-0.48	1	1	0	600	600	0
12/13/2023 12:03	50201 HARR_T3	2	2	0	4.2	4.45	0.25	-0.35	-0.35	1	1	0	1200	1200	0
12/13/2023 12:05	65002 NEFF_T2	2	0	-2	0.1	0	-0.1	0	0	0	0	0	0	0	0
12/13/2023 12:05	47403 PENS_T1	3	1	-2	0.57	2.3	1.73	0	0	0	0	0	0	0	0
12/13/2023 12:08	46001 BERW_T1	0	3	3	0	0	0	1.02	1.01	0	0	0	0	0	0
12/13/2023 12:09	20403 ASHF_T2	0	4	4	0	0.18	0.18	0.82	0.81	0	0	0	0	0	0
12/13/2023 12:09	46001 BERW_T1	0	3	3	0	0	0	1.02

Appendix C - Grid Benefits Achieved in Each Instance of Active Management

12/13/2023 14:24	67502 WEWI_T2	1	2	1	0.1	0.45	0.35	0	0	0	0	0	0	0	0
12/13/2023 14:25	46001 BERW_T1	0	0	0	0	0	0	1.11	1.05	0	0	0	0	0	0
12/13/2023 14:25	44301 BEAV_T2	0	4	4	0	0.28	0.28	-0.47	-0.18	2	1	-1	1500	600	-900
12/13/2023 14:26	67502 WEWI_T2	1	2	1	0.1	0.45	0.35	-0.24	-0.24	0	0	0	0	0	0
12/13/2023 14:26	67501 WEWI_T1	0	0	0	0	0	0	-1.2	-1.15	1	1	0	600	600	0
12/13/2023 14:28	65003 NEFF_T2	7	41	34	0.37	0.18	-0.19	0	0	0	0	0	0	0	0
12/13/2023 14:28	67502 WEWI_T2	1	2	1	0.1	0.45	0.35	-0.24	-0.24	0	0	0	0	0	0
12/13/2023 14:29	67502 WEWI_T2	1	2	1	0.1	0.45	0.35	0	0	0	0	0	0	0	0
12/13/2023 14:29	48901 FOSP_T2	0	0	0	0	0	0	-0.07	-0.06	1	1	0	600	600	0
12/13/2023 14:30	48901 FOSP_T2	0	0	0	0	0	0	-0.14	-0.11	2	2	0	1200	1200	0
12/13/2023 14:31	48901 FOSP_T2	0	0	0	0	0	0	-0.07	-0.06	1	1	0	600	600	0
12/13/2023 14:32	47002 HUGH_T2	0	3	3	0	0.2	0.2	0	0	0	0	0	0	0	0
12/13/2023 14:33	64101 REFR_T1	0	0	0	0	0	0	-0.12	-0.12	0	0	0	0	0	0
12/13/2023 14:34	64101 REFR_T1	0	0	0	0	0	0	-0.12	-0.12	0	0	0	0	0	0
12/13/2023 14:35	64101 REFR_T1	0	0	0	0	0	0	-0.24	-0.24	0	0	0	0	0	0
12/13/2023 14:35	42001 MNVL_T2	0	0	0	0	0	0	0.11	0.06	0	0	0	0	0	0
12/13/2023 14:37	43001 ALWD_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/13/2023 14:38	67401 WAKE_T2	0	0	0	0	0	0	-1.09	-1.15	0	0	0	0	0	0
12/13/2023 14:38	67103 SPRI_T1	0	0	0	0	0	0	-0.06	-0.1	0	0	0	0	0	0
12/13/2023 14:38	64101 REFR_T1	0	0	0	0	0	0	-0.12	-0.12	0	0	0	0	0	0
12/13/2023 14:38	67503 WEWI_T2	0	1	1	0	0	0	-0.33	-0.33	0	0	0	0	0	0
12/13/2023 14:39	67501 WEWI_T1	0	0	0	0	0	0	-1.15	-1.21	1	1	0	600	600	0
12/13/2023 14:39	67503 WEWI_T2	0	1	1	0	0	0	0	0	0	0	0	0	0	0
12/13/2023 14:39	67103 SPRI_T1	0	0	0	0	0	0	-0.1	-0.11	0	0	0	0	0	0
12/13/2023 14:39	45402 WBLO_T2	30	44	14	0.24	0.26	0.02	-0.66	-0.64	0	0	0	0	0	0
12/13/2023 14:40	67502 WEWI_T2	2	2	0	0.45	0.35	-0.1	0	0	0	0	0	0	0	0
12/13/2023 14:41	67503 WEWI_T2	0	1	1	0	0	0	-0.33	-0.31	0	0	0	0	0	0
12/13/2023 14:44	67502 WEWI_T2	2	2	0	0.45	0.35	-0.1	-0.24	-0.33	0	0	0	0	0	0
12/13/2023 14:44	41801 GOCI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/13/2023 14:46	41801 GOCI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/13/2023 14:46	60902 DONG_T2	0	0	0	0	0	0	0.48	0.47	0	0	0	0	0	0
12/13/2023 14:47	52101 MEIS_T1	1	2	1	1.1	1.2	0.1	0	0	0	0	0	0	0	0
12/13/2023 14:49	60901 DONG_T2	1	10	9	0.1	0	-0.1	0	0	0	0	0	0	0	0
12/13/2023 14:49	42201 SHEN_T2	0	0	0	0	0	0	0.2	0.18	1	1	0	600	600	0
12/13/2023 14:51	42201 SHEN_T2	0	0	0	0	0	0	0.2	0.18	1	1	0	600	600	0
12/13/2023 14:55	43402 BENT_T1	0	0	0	0	0	0	-1.26	-1.27	2	2	0	1500	1500	0
12/13/2023 14:56	46001 BERW_T1	3	0	-3	1.43	0	-1.43	1.07	1.12	0	0	0	0	0	0
12/13/2023 14:57	43402 BENT_T1	0	0	0	0	0	0	-1.26	-1.27	2	2	0	1500	1500	0
12/13/2023 14:59	57403 SPAN_T1	20	23	3	0.28	0.32	0.04	0.06	0.1	0	0	0	0	0	0
12/13/2023 15:04	44601 SALE_T2	0	2	2	0	0	0	0.5	0.8	1	1	0	600	600	0
12/13/2023 15:07	67401 WAKE_T2	0	0	0	0	0	0	-1.16	-1.15	0	0	0	0	0	0
12/13/2023 15:09	57401 SPAN_T1	2	4	2	0.7	0.85	0.15	0	0	0	0	0	0	0	0
12/13/2023 15:11	67901 WNHO_T2	0	1	1	0	0.1	0.1	-0.12	-0.28	1	1	0	900	900	0
12/13/2023 15:39	40501 CRES_T2	1	0	-1	0.1	0	-0.1	0	0	0	0	0	0	0	0
12/13/2023 15:41	65004 NEFF_T2	5	2	-3	0.46	0	-0.46	0	0	0	0	0	0	0	0
12/13/2023 15:42	40501 CRES_T2	1	0	-1	0.1	0	-0.1	0	0	0	0	0	0	0	0
12/13/2023 15:57	40502 CRES_T2	7	7	0	0.44	0.4	-0.04	-0.17	-0.19	0	0	0	0	0	0
12/13/2023 16:08	65902 SAKR_T2	1	1	0	2.6	0	-2.6	0	0	0	0	0	0	0	0
12/13/2023 16:18	64101 REFR_T1	0	0	0	0	0	0	-0.03	-0.03	0	0	0	0	0	0
12/13/2023 16:19	64101 REFR_T1	0	0	0	0	0	0	-0.03	-0.03	0	0	0	0	0	0
12/13/2023 16:21	60502 NMAN_T2	1	17	16	0.9	0	-0.9	-0.22	-0.21	0	0	0	0	0	0
12/13/2023 16:25	64101 REFR_T1	0	0	0	0	0	0	-0.03	-0.03	0	0	0	0	0	0
12/13/2023 16:31	43201 MVIL_T2	0	1	1	0	0	0	0	0	0	0	0	0	0	0
12/13/2023 16:34	65003 NEFF_T2	5	7	2	0.24	0.18	-0.06	0	0	0	0	0	0	0	0
12/13/2023 16:34	43201 MVIL_T2	0	1	1	0	0	0	0	0	0	0	0	0	0	0
12/13/2023 16:40	40502 CRES_T2	6	1	-5	0.22	0.1	-0.12	-0.27	-0.14	0	0	0	0	0	0
12/13/2023 16:44	40502 CRES_T2	6	1	-5	0.22	0.1	-0.12	-0.13	-0.07	0	0	0	0	0	0
12/13/2023 16:49	49804 UNIV_T1	0	1	1	0	0	0	0	0	0	0	0	0	0	0
12/13/2023 16:55	40201 BEGA_T2	1	2	1	0.5	1.2	0.7	0	0	0	0	0	0	0	0
12/13/2023 17:04	48302 ORWI_T2	2	2	0	0.5	0.35	-0.15	0.12	0.11	0	0	0	0	0	0
12/13/2023 17:04	43202 MVIL_T2	0	1	1	0	0	0	-0.64	-0.66	0	0	0	0	0	0
12/13/2023 17:05	43202 MVIL_T2	0	1	1	0	0	0	-0.64	-0.66	0	0	0	0	0	0
12/13/2023 17:12	63305 GREE_T1	0	0	0	0	0	0	-1.36	-1.27	0	0	0	0	0	0
12/13/2023 17:31	63305 GREE_T1	0	0	0	0	0	0	-1.27	-1.4	0	0	0	0	0	0
12/13/2023 17:41	63305 GREE_T1	0	0	0	0	0	0	-1.4	-1.4	0	0	0	0	0	0
12/13/2023 17:53	65003 NEFF_T2	2	0	-2	0.55	0	-0.55	0	0	0	0	0	0	0	0
12/13/2023 18:04	65003 NEFF_T2	0	1	1	0	0.1	0.1	0	0	0	0	0	0	0	0
12/13/2023 18:09	43304 WATS_T2	0	1	1	0	0	0	0	0	0	0	0	0	0	0
12/13/2023 18:10	43304 WATS_T2	0	1	1	0	0	0	0	0	0	0	0	0	0	0
12/13/2023 18:32	26401 INOR_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/13/2023 18:33	56802 BENV_T2	0	0	0	0	0	0	-1.31	-1.27	0	0	0	0	0	0
12/13/2023 18:35	29402 BELT_T1	2	3	1	4.6	6.9	2.3	0	0	0	0	0	0	0	0
12/13/2023 18:36	62607 ENGL_T1	0	0	0	0	0	0	-0.64	-0.66	0	0	0	0	0	0
12/13/2023 18:39	39601 LNFD_T1	11	5	-6	0.51	0	-0.51	0	0	1	1	0	900	900	0
12/13/2023 18:40	43402 BENT_T1	0	1	1	0	0.1	0.1	-1.52	-1.53	2	2	0	1500	1500	0
12/13/2023 18:40	48901 FOSP_T2	0	0	0	0	0	0	-0.34	-0.35	1	1	0	600	600	0
12/13/2023 18:40	16302 ALPA_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/13/2023 18:40	15604 NSTR_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/13/2023 18:41	28604 BLYT_T2	0	0	0	0	0	0	-1.32	-1.32	0	0	0	0	0	0
12/13/2023 18:42	52102 MEIS_T1	1	1	0	1.2	0	-1.2	0	0	1	1	0	450	450	0
12/13/2023 18:42	42201 SHEN_T2	0	0	0	0	0	0	0.12	0.13	1	1	0	600	600	0
12/13/2023 18:42	27502 WEIS_T2	0	0	0	0	0	0	-0.35	-0.34	0	0	0	0	0	0
12/13/2023 18:42	46302 ROHR_T1	2	3	1	0.45	0.3	-0.15	-0.37	-0.37	0	0	0	0	0	0
12/13/2023 18:43	17802 GILB_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/13/2023 18:43	64702 LITI_T2	0	0	0	0	0	0	-0.81	-0.84	0	0	0	0	0	0
12/13/2023 18:43	49804 UNIV_T1	0	1	1	0	0	0	0	0	0	0	0	0	0	0
12/13/2023 18:43	67002 STHI_T2	6	7	1	0.1	0.14	0.04	0.62	0.61	0	0	0	0	0	0
12/13/2023 18:43	48302 ORWI_T2	2	1	-1	0.35	0.2	-0.15	0.13	0.12	0	0	0	0	0	0
12/13/2023 18:44	48901 FOSP_T2	0	0	0	0	0	0	-0.34	-0.35	1	1	0	600	600	0
12/13/2023 18:44	67001 STHI_T2	7	149	142	0.16	0.11	-0.05	0	0	0	0	0	0	0	0
12/13/2023 18:44	20401 ASHF_T2	0	1	1	0	0	0	0	0	0	0	0	0	0	0
12/13/2023 18:44	64702 LITI_T2	0	0	0	0	0	0	-0.81	-0.84	0	0	0	0	0	0
12/13/2023 18:44	56802 BENV_T2	0	0	0	0	0	0	-1.27	-1.3	0	0	0	0	0	0
12/13/2023 18:44	67503 WEWI_T2	0	2	2	0	0	0	0	0	0	0	0	0	0	0
12/13/2023 18:45	52004 LING_T2	1	2	1	1	1.2	0.2	0.29	0.29	0	0	0	0	0	0
12/13/2023 18:45	67503 WEWI_T2	1	18	17	1.2	0	-1.2	-0.11	-0.08	0	0	0	0	0	0
12/13/2023 18:45	40101 HUNT_T2	350	457	107	1.26	1.38	0.12	-1.01	-1.05	0	0	0	0	0	0
12/13/2023 18:45	60803 BUCK_T1	0	0	0	0	0	0	-0.62	-0.67	1	1	0	600	600	0
12/13/2023 18:45	46903 MNTG_T2	0	19	19	0	0.13	0.13	-0.36	-0.41	2	2	0	1200	1200	0
12/13/2023 18:45	29402 BELT_T1	2	2	0	3.45	7.1	3.65	0	0	0	0	0	0	0	0
12/13/2023 18:45	45501 DERR_T2	1	2	1	1.9	0.8	-1.1	0.84	0.84	2	2	0	1800	1800	0
12/13/2023 18:45	53502 EVIL_T2	0	2	2	0	0	0	0	0	0	0	0	0	0	0
12/13/2023 18:45	67103 SPRI_T1	0	0	0	0	0	0	-0.05	-0.05	0	0	0	0	0	0
12/13/2023 18:45	44601 SALE_T2	0	0	0	0	0	0	0	-0.02	0	0	0	0	0	0
12/13/2023 18:45	46101 MACI_T2	0	0	0	0	0	0	-0.57	-0.58	1	1	0	1200	1200	0
12/13/2023 18:46	59101 WALK_T2	1	1	0	0	0	0	1.04	1.23	1	1	0	450	450	0
12/13/2023 18:46	43402 BENT_T1	1	1	0	0.1	0	-0.1	-1.52	-1.53	2	2	0	1500	1500	0
12/13/2023 18:46	67204 TEHI_T2	0	0	0	0	0	0	0.25	0.23	0	0	0	0	0	0
12/13/2023 18:46	43302 WATS_T2	4	4	0	0.3	0.3	0	0	0	0	0	0	0	0	0
12/13/2023 18:46	42501 ALTA_T2	0	0	0	0	0	0	0.03	0.01	1	1	0	600	600	0
12/13/2023 18:46	46003 BERW_T2	1	1	0	1.5	1.7	0.2	0	0	0	0	0	0	0	0
12/13/2023 18:46	56802 BENV_T2	0	0	0	0	0	0	-1.27	-1.3	0	0	0	0	0	0
12/13/2023 18:46	42501 ALTA_T2	0	0	0	0	0	0	0.03	0.01	1	1	0	600	600	0
12/13/2023 18:46	40504 CRES_T1	0	0	0	0	0	0	-0.4	-0.4	0	0	0	0	0	0
12/13/2023 18:46	64101 REFR_T1	0	0	0	0	0	0	0	0.01	0	0	0	0	0	0
12/13/2023 18:46	45501 DERR_T2	1	2	1	1.9	0.8	-1.1	0.84	0.84	2	2	0	1800	1800	0
12/13/2023 18:47	64301 LINC_T1	0	0	0	0	0	0	-0.3	-0.27	1	1	0	600	600	0
12/13/2023 18:47	45501 DERR_T2	1	2	1	1.9	0.8	-1.1	0.84	0.84	2	2	0	1800	1800	0
12/13/2023 18:47	42802 SELI_T1	0	0	0	0	0	0	-2.29	-2.31	1	1	0	900	900	0
12/13/2023 18:47	20401 ASHF_T2	1	0	-1	0.2	0	-0.2	0	0	0	0	0	0	0	0
12/13/2023 18:47	53501 EVIL_T2	2	0	-2	1.5	0	-1.5	-0.7	-0.7	1	1	0	600	600	0
12/13/2023 18:47	67002 STHI_T2	5	17	12	0.1	0.14	0.04	0.62	0.61	0	0	0	0	0	0
12/13/2023 18:47	62604 ENGL_T1	0	0	0	0	0	0	-0.45	-0.4	1	1	0	600	600	0
12/13/2023 18:47	55002 NEWP_T1	4	4	0	0.43	0.68	0.25	-0.32	-0.4	0	0	0	0	0	0
12/13/2023 18:47	57401 SPAN_T1	0	1	1	0	0	0	-0.65	-0.64	1	1	0	600	600	0
12/13/2023 18:47	67503 WEWI_T2	1	18	17	1.2	0	-1.2	-0.11	-0.08	0	0	0	0	0	0
12/13/2023 18:47	64702 LITI_T2	0	0	0	0	0	0	-0.81	-0.84	0	0	0	0	0	0
12/13/2023 18:47	52004 LING_T2	1	2	1	1	1.2	0.2	0.29	0.29	0	0	0	0	0	0
12/13/2023 18:47	43201 MVIL_T2	0	0	0	0	0	0	-1.28	-1.28	0	0	0	0	0	0
12/13/2023 18:48	42001 MNVL_T2	0	0	0	0	0	0	0.14	0.15	0	0	0	0	0	0
12/13/2023 18:48	60504 NMAN_T2	1	5	4	0.7	0	-0.7	0	0	0	0	0	0	0	0
12/13/2023 18:48	29401 BELT_T1	5	13	8	0.1	0.13	0.03	0	0	1	1	0	900	900	0
12/13/2023 18:48	52102 MEIS_T1	1	2	1	2.4	0	-2.4	0	0	1	1	0	450	450	0
12/13/2023 18:48	59101 WALK_T2	1	1	0	0	0	0	1.04	1.23	1	1	0	450	450	0
12/13/2023 18:48	41801 GOCI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/13/2023 18:48	62604 ENGL_T1	0	0	0	0	0	0	-0.45	-0.4	1	1	0	600	600	0
12/13/2023 18:48	56802 BENV_T2	0	0	0	0	0	0	-1.27	-1.3	0	0	0	0	0	0
12/13/2023 18:48	43401 BENT_T1	1	1	0	0.4	0	-0.4	0	0	0	0	0	0	0	0
12/13/2023 18:48	56501 ROCK_T2	1	1	0	0.8	0.4	-0.4	-1.32	-1.3	0	0	0	0	0	0
12/13/2023 18:48	48901 FOSP_T2	0	0	0	0	0	0	-0.34	-0.35	1	1	0	600	600	0
12/13/2023 18:48	46901 MNTG_T2	0	0	0	0	0	0	1.09	1.38	0	0	0	0	0	0
12/13/2023 18:49	59301 MCAL_T1	2	2	0	0.6	0.75	0.15	0	0	0	0	0	0	0	0
12/13/2023 18:49	47001 HUGH_T2	0	0	0	0	0	0	-0.55	-0.51	0	0	0	0	0	0
12/13/2023 18:49	43302 WATS_T2	4	4	0	0.3	0.3	0	0	0	0	0	0	0	0	0
12/13/2023 18:49	54001 SDLE_T1	1	1	0	0.6	0.8	0.2	0	0	0	0	0	0	0	0
12/13/2023 18:49	66502 SMAN_T2	1	1	0	0.7	0	-0.7	0	0	0	0	0	0	0	0
12/13/2023 18:49	53502 EVIL_T2	0	2	2	0	0	0	0	0	0	0	0	0	0	0
12/13/2023 18:49	56802 BENV_T2	0	0	0	0	0	0	-1.27	-1.3	0	0	0	0	0	0
12/13/2023 18:49	57401 SPAN_T1	0	1	1	0	0	0	-0.65	-0.64	1	1	0	600	600	0
12/13/2023 18:49	63305 GREE_T1	0	0	0	0	0	0	-1.34	-1.36	0	0	0	0	0	0
12/13/2023 18:49	62604 ENGL_T1	0	0	0	0	0	0	-0.45	-0.4	1	1	0	600	600	0
12/13/2023 18:49	55002 NEWP_T1	4	4	0	0.43	0.68	0.25	-0.16	-0.2	0	0	0	0	0	0
12/13/2023 18:50	66504 SMAN_T2	1	0	-1	4.1	0	-4.1	-0.3	-0.35	0	0	0	0	0	0
12/13/2023 18:50	40505 CRES_T1	0	0	0	0	0	0	0.88	0.74	0	0	0	0	0	0
12/13/2023 18:50	57401 SPAN_T1	0	1	1	0	0	0	-0.65	-0.64	1	1	0	600	600	0
12/13/2023 18:50	60201 ATGL_T2	0	0	0	0	0	0	0.17	0.15	1	1	0	300	300	0
12/13/2023 18:50	65005 NEFF_T2	2	0	-2	0.5	0	-0.5	0	0	0	0	0	0	0	0
12/13/2023 18:50	67103 SPRI_T1	0	0	0	0	0	0	-0.05	-0.05	0	0	0	0	0	0
12/13/2023 18:50	60902 DONG_T2	0	0	0	0	0	0	0.48	0.49	0	0	0	0	0	0
12/13/2023 18:50	67202 TEHI_T2	1	0	-1	1.8	0	-1.8	0	0	0	0	0	0	0	0
12/13/2023 18:50	64802 MONE_T2	0	3	3	0	0	0	0	0	0	0	0	0	0	0
12/13/2023 18:50	29401 BELT_T1	5	13	8	0.1	0.13	0.03	0	0	1	1	0	900	900	0
12/13/2023 18:50	43202 MVIL_T2	0	0	0	0	0	0	-0.66	-0.63	0	0	0	0	0	0
12/13/2023 18:50	56802 BENV_T2	0	0	0	0	0	0	-3.81	-3.9	0	0	0	0	0	0
12/13/2023 18:50	63404 HONY_T1	2	2	0	5.95	5.9	-0.05	0	0	0	0	0	0	0	0
12/13/2023 18:50	67502 WEWI_T2	0	0	0	0	0	0	-1.3	-1.3	1	1	0	900	900	0
12/13/2023 18:50	41801 GOCI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/13/2023 18:50	40101 HUNT_T2	350	457	107	1.26	1.38	0.12	-0.5	-0.53	0	0	0	0	0	0
12/13/2023 18:50	40502 CRES_T2	5	19	14	0.26	0.27	0.01	-1.24	-1.36	0	0	0	0	0	0
12/13/2023 18:51	43302 WATS_T2	4	4	0	0.3	0.3	0	0	0	0	0	0	0	0	0
12/13/2023 18:51	67502 WEWI_T2	0	0	0	0	0	0	-2.6	-2.6	2	2	0	1800	1800	0
12/13/2023 18:51	65001 NEFF_T2	2	1	-1	0.9	0	-0.9	-0.79	-0.79	1	1	0	1200	1200	0
12/13/2023 18:51	64101 REFR_T1	0	0	0	0	0	0	0	0.01	0	0	0	0	0	0
12/13/2023 18:51	57401 SPAN_T1	0	1	1	0	0	0	-0.65	-0.64	1	1	0	600	600	0
12/13/2023 18:51	67502 WEWI_T2	0	0	0	0	0	0	-2.6	-2.6	2	2	0	1800	1800	0
12/13/2023 18:51	58402 MORO_T1	0	1	1	0	0	0	-0.21	-0.28	3	3	0	1800	1800	0
12/13/2023 18:51	42801 SELI_T1	1	1	0	0	0	0	0	0	0	0	0	0	0	0
12/13/2023 18:51	46903 MNTG_T2	0	19	19	0	0.13	0.13	-0.18	-0.21	1	1	0	600	600	0
12/13/2023 18:51	57403 SPAN_T1	0	1	1	0	0	0	0.17	0.17	0	0	0	0	0	0
12/13/2023 18:51	42201 SHEN_T2	0	0	0	0	0	0	0.12	0.13	1

Appendix C - Grid Benefits Achieved in Each Instance of Active Management

12/13/2023 18:54	67502 WEWI_T2	0	0	0	0	0	0	-1.3	-1.33	1	1	0	900	900	0
12/13/2023 18:54	57401 SPAN_T1	0	1	1	0	0	0	-0.64	-0.64	1	1	0	600	600	0
12/13/2023 18:54	57403 SPAN_T1	0	1	1	0	0	0	0.17	0.12	0	0	0	0	0	0
12/13/2023 18:54	40505 CRES_T1	0	0	0	0	0	0	0.37	0.4	0	0	0	0	0	0
12/13/2023 18:55	46901 MNTG_T2	0	0	0	0	0	0	1.38	0.98	0	0	0	0	0	0
12/13/2023 18:55	42801 SELI_T1	1	1	0	0	0	0	0	0	0	0	0	0	0	0
12/13/2023 18:55	49804 UNIV_T1	0	1	1	0	0	0	0	0	0	0	0	0	0	0
12/13/2023 18:55	40505 CRES_T1	0	0	0	0	0	0	0.37	0.4	0	0	0	0	0	0
12/13/2023 18:55	56501 ROCK_T2	1	1	0	0.8	0.4	-0.4	0	0	0	0	0	0	0	0
12/13/2023 18:55	43001 ALWD_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/13/2023 18:55	55105 WERT_T1	3	3	0	2.77	0	-2.77	-0.44	-0.46	1	1	0	900	900	0
12/13/2023 18:55	40201 BEGA_T2	8	14	6	0.73	0.8	0.07	0	0	0	0	0	0	0	0
12/13/2023 18:55	40504 CRES_T1	0	0	0	0	0	0	-0.4	-0.36	0	0	0	0	0	0
12/13/2023 18:55	44301 BEAV_T2	0	2	2	0	0.4	0.4	0.01	0.03	1	1	0	600	600	0
12/13/2023 18:55	64101 REFR_T1	0	0	0	0	0	0	0.03	0.05	0	0	0	0	0	0
12/13/2023 18:55	56801 BENV_T1	5	7	2	0.44	0.73	0.29	-0.59	-0.58	1	1	0	600	600	0
12/13/2023 18:55	67503 WEWI_T2	1	18	17	1.2	0	-1.2	-0.08	-0.04	0	0	0	0	0	0
12/13/2023 18:56	46801 HEPB_T2	0	0	0	0	0	0	0.65	0.69	0	0	0	0	0	0
12/13/2023 18:56	53501 EVIL_T2	2	0	-2	1.5	0	-1.5	-0.7	-0.67	1	1	0	600	600	0
12/13/2023 18:56	56501 ROCK_T2	1	1	0	0.8	0.4	-0.4	0	0	0	0	0	0	0	0
12/13/2023 18:56	67401 WAKE_T2	0	0	0	0	0	0	-1.08	-1.12	0	0	0	0	0	0
12/13/2023 18:56	54001 SDLE_T1	1	1	0	0.6	0.8	0.2	0	0	0	0	0	0	0	0
12/13/2023 18:56	56802 BENV_T2	0	0	0	0	0	0	-1.3	-1.29	0	0	0	0	0	0
12/13/2023 18:56	64101 REFR_T1	0	0	0	0	0	0	0.01	0.02	0	0	0	0	0	0
12/13/2023 18:56	54701 NEBL_T1	0	0	0	0	0	0	0	0	1	1	0	600	600	0
12/13/2023 18:56	52102 MEIS_T1	1	2	1	2.4	0	-2.4	0	0	1	1	0	450	450	0
12/13/2023 18:56	40502 CRES_T2	5	19	14	0.26	0.27	0.01	-0.68	-0.6	0	0	0	0	0	0
12/13/2023 18:56	41901 REED_T1	9	10	1	0.81	0.37	-0.44	0	0	0	0	0	0	0	0
12/13/2023 18:56	53903 HALI_T2	2	3	1	0.4	0.5	0.1	-0.2	-0.22	0	0	0	0	0	0
12/13/2023 18:56	55002 NEWP_T1	4	4	0	0.43	0.68	0.25	-0.2	-0.2	0	0	0	0	0	0
12/13/2023 18:56	57403 SPAN_T1	0	1	1	0	0	0	0	0	0	0	0	0	0	0
12/13/2023 18:56	40101 HUNT_T2	350	457	107	1.26	1.38	0.12	-0.53	-0.48	0	0	0	0	0	0
12/13/2023 18:56	46903 MNTG_T2	0	19	19	0	0.13	0.13	-0.21	-0.23	1	1	0	600	600	0
12/13/2023 18:57	64101 REFR_T1	0	0	0	0	0	0	0.03	0.05	0	0	0	0	0	0
12/13/2023 18:57	56802 BENV_T2	0	0	0	0	0	0	-1.3	-1.29	0	0	0	0	0	0
12/13/2023 18:57	65902 SAKR_T2	1	0	-1	3.4	0	-3.4	0	0	0	0	0	0	0	0
12/13/2023 18:57	52501 PROG_T1	0	0	0	0	0	0	0.27	0.4	1	1	0	300	300	0
12/13/2023 18:57	46001 BERW_T1	0	0	0	0	0	0	1.07	1.07	0	0	0	0	0	0
12/13/2023 18:57	57403 SPAN_T1	0	1	1	0	0	0	0.17	0.12	0	0	0	0	0	0
12/13/2023 18:57	41801 GOCI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/13/2023 18:57	58402 MORO_T1	0	1	1	0	0	0	-0.28	-0.3	3	3	0	1800	1800	0
12/13/2023 18:57	45402 WILLO_T2	1	0	-1	0.5	0	-0.5	-0.53	-0.56	0	0	0	0	0	0
12/13/2023 18:57	67203 TEHI_T1	0	0	0	0	0	0	2.09	2.26	1	1	0	600	600	0
12/13/2023 18:57	43302 WATS_T2	4	4	0	0.3	0.3	0	0	0	0	0	0	0	0	0
12/13/2023 18:57	40101 HUNT_T2	350	457	107	1.26	1.38	0.12	-0.53	-0.48	0	0	0	0	0	0
12/13/2023 18:57	42802 SELI_T1	0	0	0	0	0	0	-2.31	-2.34	1	1	0	900	900	0
12/13/2023 18:58	41901 REED_T1	9	10	1	0.81	0.37	-0.44	0	0	0	0	0	0	0	0
12/13/2023 18:58	56802 BENV_T2	0	0	0	0	0	0	-2.6	-2.58	0	0	0	0	0	0
12/13/2023 18:58	54001 SDLE_T1	1	1	0	0.6	0.8	0.2	0	0	0	0	0	0	0	0
12/13/2023 18:58	52501 PROG_T1	0	0	0	0	0	0	0.27	0.4	1	1	0	300	300	0
12/13/2023 18:58	64802 MONE_T2	0	3	3	0	0	0	-0.02	0	0	0	0	0	0	0
12/13/2023 18:58	67201 TEHI_T1	0	0	0	0	0	0	-0.3	-0.34	2	2	0	1500	1500	0
12/13/2023 18:58	40502 CRES_T2	5	19	14	0.26	0.27	0.01	-0.68	-0.6	0	0	0	0	0	0
12/13/2023 18:58	64101 REFR_T1	0	0	0	0	0	0	0.01	0.02	0	0	0	0	0	0
12/13/2023 18:58	46302 ROHR_T1	3	5	2	0.3	0.78	0.48	-0.37	-0.38	0	0	0	0	0	0
12/13/2023 18:58	66703 STRA_T1	1	1	0	0.1	0.1	0	-0.22	-0.16	0	0	0	0	0	0
12/13/2023 18:59	56501 ROCK_T2	1	1	0	0.8	0.4	-0.4	0	0	0	0	0	0	0	0
12/13/2023 18:59	52101 MEIS_T1	1	0	-1	3	0	-3	0	0	0	0	0	0	0	0
12/13/2023 18:59	58401 MORO_T1	1	3	2	0.8	0	-0.8	0	0	0	0	0	0	0	0
12/13/2023 18:59	40101 HUNT_T2	350	457	107	1.26	1.38	0.12	-0.53	-0.48	0	0	0	0	0	0
12/13/2023 18:59	53501 EVIL_T2	2	0	-2	1.5	0	-1.5	-0.7	-0.67	1	1	0	600	600	0
12/13/2023 19:00	53902 HALI_T2	0	0	0	0	0	0	0.85	0.88	0	0	0	0	0	0
12/13/2023 19:00	40505 CRES_T1	0	0	0	0	0	0	0.37	0.4	0	0	0	0	0	0
12/13/2023 19:00	56802 BENV_T2	0	0	0	0	0	0	-1.3	-1.29	0	0	0	0	0	0
12/13/2023 19:00	56801 BENV_T1	7	7	0	0.7	0.7	0	-0.59	-0.58	1	1	0	600	600	0
12/13/2023 19:01	53903 HALI_T2	2	3	1	0.5	0.4	-0.1	-0.2	-0.22	0	0	0	0	0	0
12/13/2023 19:05	47403 PENS_T1	1	3	0	1.8	2	0.2	0	0	0	0	0	0	0	0
12/13/2023 19:07	52004 LING_T2	2	1	-1	2.8	1.2	-1.6	0.29	0.28	0	0	0	0	0	0
12/13/2023 19:09	42802 SELI_T1	0	0	0	0	0	0	-2.34	-2.3	1	1	0	900	900	0
12/13/2023 19:11	57401 SPAN_T1	0	1	1	0	0	0	-0.64	-0.59	1	1	0	600	600	0
12/13/2023 19:12	59101 WALK_T2	1	1	0	0	0	0	1.1	1.19	1	1	0	450	450	0
12/13/2023 19:48	63304 GREE_T1	0	1	1	0	0	0	0	0	0	0	0	0	0	0
12/13/2023 19:50	65003 NEFF_T2	3	5	2	0.3	0.13	-0.17	0	0	0	0	0	0	0	0
12/13/2023 19:50	56501 ROCK_T2	1	2	1	0.7	0.25	-0.45	0	0	0	0	0	0	0	0
12/13/2023 19:58	42802 SELI_T1	0	0	0	0	0	0	-2.34	-2.4	1	1	0	900	900	0
12/13/2023 20:29	26001 WDAM_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/13/2023 20:32	67103 SPRI_T1	0	0	0	0	0	0	-0.1	-0.12	0	0	0	0	0	0
12/13/2023 20:42	63306 GREE_T1	0	1	1	0	0	0	0	0	0	0	0	0	0	0
12/13/2023 20:44	42802 SELI_T1	0	0	0	0	0	0	-2.43	-2.46	1	1	0	900	900	0
12/13/2023 21:41	63305 GREE_T1	4	3	-1	0.25	0.2	-0.05	-1.33	-1.34	0	0	0	0	0	0
12/13/2023 21:42	65005 NEFF_T2	1	0	-1	0.4	0	-0.4	0	0	0	0	0	0	0	0
12/13/2023 22:52	50105 HARR_T3	15	9	-6	4.21	6.36	2.15	0	0	0	0	0	0	0	0
12/13/2023 23:56	65004 NEFF_T2	0	10	10	0	0	0	0	0	0	0	0	0	0	0
12/14/2023 0:00	63305 GREE_T1	0	0	0	0	0	0	-1.53	-1.54	0	0	0	0	0	0
12/14/2023 0:12	65002 NEFF_T2	2	0	-2	0.85	0	-0.85	0	0	0	0	0	0	0	0
12/14/2023 0:28	65001 NEFF_T2	0	0	0	0	0	0	-1.23	-1.17	1	1	0	1200	1200	0
12/14/2023 0:50	65001 NEFF_T2	0	0	0	0	0	0	-1.17	-1.23	1	1	0	1200	1200	0
12/14/2023 0:50	67501 WEWI_T1	0	1	1	0	0	0	-1.36	-1.33	1	1	0	600	600	0
12/14/2023 1:02	57403 SPAN_T1	0	0	0	0	0	0	0.13	0.12	0	0	0	0	0	0
12/14/2023 1:08	65001 NEFF_T2	0	0	0	0	0	0	-1.23	-1.22	1	1	0	1200	1200	0
12/14/2023 1:13	63305 GREE_T1	0	0	0	0	0	0	-1.57	-1.59	0	0	0	0	0	0
12/14/2023 1:24	65001 NEFF_T2	0	0	0	0	0	0	-1.17	-1.24	1	1	0	1200	1200	0
12/14/2023 1:49	63305 GREE_T1	0	0	0	0	0	0	-1.55	-1.55	0	0	0	0	0	0
12/14/2023 2:27	65001 NEFF_T2	0	0	0	0	0	0	-1.18	-1.17	1	1	0	1200	1200	0
12/14/2023 2:48	65001 NEFF_T2	0	0	0	0	0	0	-1.17	-1.21	1	1	0	1200	1200	0
12/14/2023 3:12	63305 GREE_T1	0	0	0	0	0	0	-1.58	-1.53	0	0	0	0	0	0
12/14/2023 3:35	65001 NEFF_T2	0	0	0	0	0	0	-1.14	-1.17	1	1	0	1200	1200	0
12/14/2023 3:55	63305 GREE_T1	0	0	0	0	0	0	-1.54	-1.57	0	0	0	0	0	0
12/14/2023 4:12	65003 NEFF_T2	0	8	8	0	0	0	0	0	0	0	0	0	0	0
12/14/2023 4:21	63305 GREE_T1	0	0	0	0	0	0	-1.57	-1.56	0	0	0	0	0	0
12/14/2023 5:31	65002 NEFF_T2	2	3	1	0.8	0	-0.8	0	0	0	0	0	0	0	0
12/14/2023 6:07	65004 NEFF_T2	3	3	0	1.43	0	-1.43	0	0	0	0	0	0	0	0
12/14/2023 7:42	65001 NEFF_T2	0	4	4	0	0	0	-0.46	-0.42	1	1	0	1200	1200	0
12/14/2023 7:52	65002 NEFF_T2	0	2	2	0	0	0	0	0	0	0	0	0	0	0
12/14/2023 7:58	45501 DERR_T2	4	8	4	0.23	0.37	0.14	1.13	1.07	2	2	0	1800	1800	0
12/14/2023 8:02	25402 LAHA_T2	42	47	5	0.63	0.47	-0.16	0.33	0.33	0	0	0	0	0	0
12/14/2023 8:10	43401 BENT_T1	1	0	-1	0.2	0	-0.2	0	0	0	0	0	0	0	0
12/14/2023 8:10	43304 WATS_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/14/2023 8:11	43401 BENT_T1	1	0	-1	0.2	0	-0.2	0	0	0	0	0	0	0	0
12/14/2023 8:11	40201 BEGA_T2	1	0	-1	0.5	0	-0.5	0	0	0	0	0	0	0	0
12/14/2023 8:12	45501 DERR_T2	8	6	-2	0.41	0.34	-0.07	1.07	1.09	2	2	0	1800	1800	0
12/14/2023 8:18	57304 MOAL_T2	0	2	2	0	0.45	0.45	-1	-0.03	0	0	0	0	0	0
12/14/2023 8:19	54201 PENN_T1	253	199	-54	0.58	0.54	-0.04	-2.66	-2.65	0	0	0	0	0	0
12/14/2023 8:21	54701 NEBL_T1	0	0	0	0	0	0	0	0	2	2	0	1200	1200	0
12/14/2023 8:24	40502 CRES_T2	3	9	6	0.1	0.22	0.12	-0.48	-0.52	0	0	0	0	0	0
12/14/2023 8:24	49803 UNIV_T1	1	0	-1	0.3	0	-0.3	-0.86	-0.83	0	0	0	0	0	0
12/14/2023 8:25	40502 CRES_T2	3	9	6	0.1	0.22	0.12	-0.48	-0.52	0	0	0	0	0	0
12/14/2023 8:34	65004 NEFF_T2	5	4	-1	0.98	0	-0.98	0	0	0	0	0	0	0	0
12/14/2023 8:34	54201 PENN_T1	199	10	-189	0.54	0.77	0.23	-2.65	-0.41	0	0	0	0	0	0
12/14/2023 8:35	67103 SPRI_T1	0	0	0	0	0	0	-0.01	0	0	0	0	0	0	0
12/14/2023 8:35	55002 NEWP_T1	6	8	2	0.3	0.8	0.5	-0.17	-0.15	0	0	0	0	0	0
12/14/2023 8:35	54701 NEBL_T1	0	0	0	0	0	0	0	0	1	1	0	600	600	0
12/14/2023 8:40	67103 SPRI_T1	0	0	0	0	0	0	0	-0.05	0	0	0	0	0	0
12/14/2023 8:45	40101 HUNT_T2	341	303	-38	0.74	0.59	-0.15	-0.69	-0.63	0	0	0	0	0	0
12/14/2023 8:52	43402 BENT_T1	5	0	-5	0.34	0	-0.34	-1.42	-1.46	2	2	0	1500	1500	0
12/14/2023 8:54	53602 DALM_T2	0	1	1	0	0	0	0	0	0	0	0	0	0	0
12/14/2023 9:00	46903 MNTG_T2	0	0	0	0	0	0	1.09	-0.43	4	4	0	2400	2400	0
12/14/2023 9:00	50105 HARR_T3	7	23	16	5.86	2.95	-2.91	0	0	0	0	0	0	0	0
12/14/2023 9:00	53903 HALI_T2	2	2	0	0.9	0.7	-0.2	-0.32	-0.21	0	0	0	0	0	0
12/14/2023 9:00	56501 ROCK_T2	26	18	-8	0.22	0.36	0.14	0	0	0	0	0	0	0	0
12/14/2023 9:00	59102 WALK_T2	0	1	1	0	0.2	0.2	-0.23	-0.23	1	1	0	600	600	0
12/14/2023 9:00	65005 NEFF_T2	2	2	0	1.4	0	-1.4	0	0	0	0	0	0	0	0
12/14/2023 9:00	46004 BERW_T2	0	0	0	0	0	0	-0.38	-0.4	0	0	0	0	0	0
12/14/2023 9:00	67502 WEWI_T2	2	2	0	0.25	0.7	0.45	0	0	0	0	0	0	0	0
12/14/2023 9:00	46903 MNTG_T2	0	0	0	0	0	0	1.09	-0.43	4	4	0	2400	2400	0
12/14/2023 9:00	43304 WATS_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/14/2023 9:00	57403 SPAN_T1	0	1	1	0	0	0	0.23	0.22	0	0	0	0	0	0
12/14/2023 9:00	40504 CRES_T1	0	11	11	0	0.1	0.1	0	0	0	0	0	0	0	0
12/14/2023 9:01	43202 MVIL_T2	0	0	0	0	0	0	-0.54	-0.54	0	0	0	0	0	0
12/14/2023 9:02	59102 WALK_T2	0	1	1	0	0.2	0.2	0	0	0	0	0	0	0	0
12/14/2023 9:08	50105 HARR_T3	7	23	16	5.86	2.95	-2.91	0	0	0	0	0	0	0	0
12/14/2023 9:08	41901 REED_T1	10	14	4	0.67	0.89	0.22	0	0	0	0	0	0	0	0
12/14/2023 9:10	53601 DALM_T2	1	1	0	0.8	0.6	-0.2	-0.38	-0.42	1	1	0	900	900	0
12/14/2023 9:15	58402 MORO_T1	0	0	0	0	0	0	-0.94	-0.93	3	3	0	2400	2400	0
12/14/2023 9:21	64101 REFR_T1	0	0	0	0	0	0	-0.05	-0.02	0	0	0	0	0	0
12/14/2023 9:21	67105 SPRI_T1	0	1	1	0	0	0	0	0	0	0	0	0	0	0
12/14/2023 9:21	43304 WATS_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/14/2023 9:22	67103 SPRI_T1	0	0	0	0	0	0	-0.05	-0.04	0	0	0	0	0	0
12/14/2023 9:23	29401 BELT_T1	43	70	27	0.28	0.29	0.01	0	0	0	0	0	0	0	0
12/14/2023 9:24	43304 WATS_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/14/2023 9:24	43402 BENT_T1	0	1	1	0	0	0	-1.44	-1.46	2	2	0	1500	1500	0
12/14/2023 9:25	43402 BENT_T1	0	1	1	0	0	0	-1.44	-1.46	2	2	0	1500	1500	0
12/14/2023 9:28	44301 BEAV_T2	0	0	0	0	0	0	1	1.03	1	1	0	600	600	0
12/14/2023 9:32	52102 MEIS_T1	8	2	-6	2.59	0	-2.59	0	0	1	1	0	450	450	0
12/14/2023 9:34	41901 REED_T1	14	13	-1	1.21	0.87	-0.34	0	0	0	0	0	0	0	0
12/14/2023 9:34	52101 MEIS_T1	1	1	0	1.2	1.2	0	0	0	0	0	0	0	0	0
12/14/2023 9:34	59102 WALK_T2	1	0	-1	0.2	0	-0.2	0	0	0	0	0	0	0	0
12/14/2023 9:35	41901 REED_T1	14	13	-1	1.21	0.87	-0.34	0	0	0	0	0	0	0	0
12/14/2023 9:36	56501 ROCK_T2	2	16	14	2.35	0.24	-2.11	-1.54	-1.6	0	0	0	0	0	0
12/14/2023 9:37	67204 TEHI_T2	0	0	0	0	0	0	-0.27	0.05	0	0	0	0	0	0
12/14/2023 9:38	67204 TEHI_T2	0	0	0	0	0	0	-0.27	0.05	0	0	0	0	0	0
12/14/2023 9:38	16302 ALPA_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/14/2023 9:38	56501 ROCK_T2	2	16	14	2.35	0.24	-2.11	-4.63	-4.81	0	0	0	0	0	0
12/14/2023 9:40	56802 BENV_T2	5	9	4	0.32	0.27	-0.05	-2.65	-2.56	0	0	0	0	0	0
12/14/2023 9:40	56501 ROCK_T2	2	16	14	2.35	0.24	-2.11	-1.6	-1.59	0	0	0	0	0	0
12/14/2023 9:41	56802 BENV_T2	5	9	4	0.32	0.27	-0.05	-1.32	-1.28	0	0	0	0	0	0
12/14/2023 9:42	56802 BENV_T2	5	9	4	0.32	0.27	-0.05	-3.97	-3.84	0	0	0	0	0	0
12/14/2023 9:43	56802 BENV_T2	5	9	4	0.32	0.27	-0.05	-1.32	-1.28	0	0	0	0	0	0
12/14/2023 9:43	40101 HUNT_T2	116	120	4	0.54	0.41	-0.13	-0.65	-0.66	0	0	0	0	0	0
12/14/2023 9:47	47402 PENS_T1	120	119	-1	1.49	2.06	0.57	0	0	0	0	0	0	0	0
12/14/2023 9:48	47403 PENS_T1	1	1	0	1.4	1.4	0	0	0	0	0	0	0	0	0
12/14/2023 9:48	64101 REFR_T1	0	0	0	0	0	0	-0.05	-0.04	0	0	0	0	0	0
12/14/2023 9:50	64101 REFR_T1	0	0	0	0	0	0	-0.02	-0.02	0	0	0	0	0	0
12/14/2023 9:50	56503 ROCK_T2	0	1	1	0	0	0	0	0	0	0	0	0	0	0
12/14/2023 9:51	56802 BENV_T2	9	4	-5	0.27	0.4	0.13	-1.32	-1.28	0	0	0	0	0	0
12/14/2023 9:51	47401 PENS_T1	0	1	1	0	0.7	0.7	-0.75	-0.73	0	0	0	0	0	0
12/14/2023 9:51	64101 REFR_T1	0	0	0	0	0	0	-0.02	-0.02	0	0	0	0	0	0
12/14/2023 9:52	64101 REFR_T1	0	0	0	0	0	0	-0.02	-0.02	0	0	0	0	0	0
12/14/2023 9:54	66504 SMAN_T2	0	1	1	0	0	0	-0.24	-0.3	0	0	0	0	0	0
12/14/2023 9:54	67503 WEWI_T2	2

Appendix C - Grid Benefits Achieved in Each Instance of Active Management

12/14/2023 10:23	46004 BERW_T2	0	1	1	0	0.2	0.2	-0.48	-0.5	0	0	0	0	0	0
12/14/2023 10:23	67002 STHI_T2	32	44	12	0.15	0.18	0.03	1.37	1.39	0	0	0	0	0	0
12/14/2023 10:24	56803 BENV_T1	0	2	2	0	1.05	1.05	0	0	0	0	0	0	0	0
12/14/2023 10:24	66702 STRA_T1	0	0	0	0	0	0	0.17	0.13	3	3	0	2700	2700	0
12/14/2023 10:25	56803 BENV_T1	0	2	2	0	1.05	1.05	0	0	0	0	0	0	0	0
12/14/2023 10:26	57401 SPAN_T1	6	3	-3	1.28	0.85	-0.43	-1.02	-0.95	1	1	0	600	600	0
12/14/2023 10:28	62607 ENGL_T1	0	0	0	0	0	0	-0.68	-0.67	0	0	0	0	0	0
12/14/2023 10:28	26401 INOR_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/14/2023 10:28	62604 ENGL_T1	0	0	0	0	0	0	-1.14	-1.07	3	3	0	1800	1800	0
12/14/2023 10:28	17802 GILB_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/14/2023 10:29	62605 ENGL_T1	1	0	-1	0.2	0	-0.2	0	0	0	0	0	0	0	0
12/14/2023 10:31	40101 HUNT_T2	69	17	-52	0.62	0.78	0.16	-0.6	-0.67	0	0	0	0	0	0
12/14/2023 10:31	63401 HONY_T1	0	0	0	0	0	0	0.68	0.57	0	0	0	0	0	0
12/14/2023 10:32	40101 HUNT_T2	69	17	-52	0.62	0.78	0.16	-0.6	-0.67	0	0	0	0	0	0
12/14/2023 10:33	52502 PROG_T2	0	0	0	0	0	0	-1.05	0.8	2	2	0	1800	1800	0
12/14/2023 10:33	64801 MONE_T2	0	6	6	0	0.12	0.12	0	0	0	0	0	0	0	0
12/14/2023 10:35	42201 SHEN_T2	0	0	0	0	0	0	-0.46	-0.47	1	1	0	600	600	0
12/14/2023 10:35	43304 WATS_T2	0	1	1	0	0	0	0	0	0	0	0	0	0	0
12/14/2023 10:35	52502 PROG_T2	0	0	0	0	0	0	-0.53	0.4	1	0	-1	900	0	-900
12/14/2023 10:36	57401 SPAN_T1	3	4	1	0.43	0.5	0.07	-2.05	-1.9	2	2	0	1200	1200	0
12/14/2023 10:36	42202 SHEN_T2	1	2	1	0.3	0.5	0.2	0	0	0	0	0	0	0	0
12/14/2023 10:36	65001 NEFF_T2	1	6	5	1.5	0	-1.5	-0.38	-0.51	1	1	0	1200	1200	0
12/14/2023 10:37	65902 SAKR_T2	0	1	1	0	0	0	-0.76	-0.85	1	1	0	900	900	0
12/14/2023 10:37	65903 SAKR_T2	0	1	1	0	0	0	-0.76	-0.85	1	1	0	900	900	0
12/14/2023 10:39	43301 WATS_T2	0	0	0	0	0	0	0	0	1	1	0	900	900	0
12/14/2023 10:39	43301 WATS_T2	0	0	0	0	0	0	0	0	1	1	0	900	900	0
12/14/2023 10:40	67502 WEWI_T2	1	1	0	0.5	0.2	-0.3	0	0	0	0	0	0	0	0
12/14/2023 10:41	28604 BLYT_T2	0	0	0	0	0	0	-1.41	-1.42	0	0	0	0	0	0
12/14/2023 10:43	61801 EELI_T2	0	0	0	0	0	0	-0.29	-0.3	0	0	0	0	0	0
12/14/2023 10:44	46802 HEPB_T1	1	38	37	1.9	0.19	-1.71	-1.12	-1.14	0	0	0	0	0	0
12/14/2023 10:48	47403 PENS_T1	2	3	1	0.75	0.77	0.02	0	0	0	0	0	0	0	0
12/14/2023 10:50	47403 PENS_T1	2	3	1	0.75	0.77	0.02	0	0	0	0	0	0	0	0
12/14/2023 10:51	57401 SPAN_T1	2	5	3	0.85	0.5	-0.35	0	0	0	0	0	0	0	0
12/14/2023 10:51	45402 WBLO_T2	1	1	0	0.6	0.5	-0.1	-0.52	-0.53	0	0	0	0	0	0
12/14/2023 10:52	60201 ATGL_T2	0	0	0	0	0	0	0.35	0.31	1	1	0	300	300	0
12/14/2023 10:52	57403 SPAN_T1	5	11	6	0.18	0.26	0.08	0.19	0.17	0	0	0	0	0	0
12/14/2023 10:53	42201 SHEN_T2	0	0	0	0	0	0	-0.47	-0.47	1	1	0	600	600	0
12/14/2023 10:54	57403 SPAN_T1	5	11	6	0.18	0.26	0.08	0.17	0.15	0	0	0	0	0	0
12/14/2023 10:54	59101 WALK_T2	1	1	0	0	0	0	1.45	1.4	0	0	0	0	0	0
12/14/2023 10:54	14802 TREI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/14/2023 10:55	56801 BENV_T1	8	13	5	0.45	0.58	0.13	-0.67	-0.66	1	1	0	600	600	0
12/14/2023 10:55	67503 WEWI_T2	3	11	8	0.77	0	-0.77	-0.12	-0.22	0	0	0	0	0	0
12/14/2023 10:55	56802 BENV_T2	5	27	22	0.32	0.21	-0.11	-2.38	-2.39	0	0	0	0	0	0
12/14/2023 10:55	60803 BUCK_T1	0	4	4	0	0.13	0.13	-1.4	-0.77	1	1	0	600	600	0
12/14/2023 10:56	56803 BENV_T1	2	3	1	1.05	0.73	-0.32	0	0	0	0	0	0	0	0
12/14/2023 10:56	60803 BUCK_T1	0	4	4	0	0.13	0.13	-1.4	-0.77	1	1	0	600	600	0
12/14/2023 10:56	29401 BELT_T1	0	5	5	0	0.12	0.12	0	0	1	1	0	900	900	0
12/14/2023 10:57	56802 BENV_T2	5	27	22	0.32	0.21	-0.11	-2.38	-2.39	0	0	0	0	0	0
12/14/2023 10:57	29402 BELT_T1	1	1	0	6.8	7.2	0.4	0	0	0	0	0	0	0	0
12/14/2023 10:58	46803 HEPB_T2	1	2	1	0.1	0.25	0.15	0	0	0	0	0	0	0	0
12/14/2023 11:00	10805 CHHI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/14/2023 11:00	17802 GILB_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/14/2023 11:01	53902 HALI_T2	0	0	0	0	0	0	-0.89	-0.83	0	0	0	0	0	0
12/14/2023 11:01	57401 SPAN_T1	4	4	0	0.5	0.85	0.35	0	0	0	0	0	0	0	0
12/14/2023 11:01	59003 MIFF_T1	0	0	0	0	0	0	-0.69	-0.91	0	0	0	0	0	0
12/14/2023 11:02	40101 HUNT_T2	7	15	8	0.73	0.55	-0.18	-0.66	-0.64	0	0	0	0	0	0
12/14/2023 11:02	64802 MONE_T2	24	31	7	0.21	0.27	0.06	0	0	0	0	0	0	0	0
12/14/2023 11:02	26803 JAFR_T1	0	0	0	0	0	0	-0.35	-0.32	1	1	0	900	900	0
12/14/2023 11:03	10805 CHHI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/14/2023 11:05	52501 PROG_T1	0	2	2	0	0.25	0.25	0.34	0.45	1	1	0	300	300	0
12/14/2023 11:05	67503 WEWI_T2	4	13	9	0.75	0	-0.75	0	0	0	0	0	0	0	0
12/14/2023 11:06	57402 SPAN_T2	1	154	153	0.3	0.22	-0.08	-1.19	-1.2	0	0	0	0	0	0
12/14/2023 11:06	67503 WEWI_T2	4	13	9	0.75	0	-0.75	-0.12	-0.22	0	0	0	13	0	0
12/14/2023 11:06	46903 MNTG_T2	0	2	2	0	0.4	0.4	0.08	-0.02	1	1	0	600	600	0
12/14/2023 11:07	43301 WATS_T2	0	1	1	0	0.2	0.2	0	0	0	0	0	0	0	0
12/14/2023 11:07	67204 TEHI_T2	0	0	0	0	0	0	0.01	0.01	0	0	0	0	0	0
12/14/2023 11:08	44301 BEAV_T2	0	1	1	0	0	0	1.08	0.91	1	1	0	600	600	0
12/14/2023 11:09	57403 SPAN_T1	11	13	2	0.26	0.31	0.05	0.15	0.17	0	0	0	0	0	0
12/14/2023 11:09	27503 WEIS_T2	0	1	1	0	0.1	0.1	0	0	0	0	0	0	0	0
12/14/2023 11:09	67503 WEWI_T2	4	13	9	0.75	0	-0.75	0	0	0	0	0	0	0	0
12/14/2023 11:09	56802 BENV_T2	25	26	1	0.18	0.22	0.04	-1.2	-1.21	0	0	0	0	0	0
12/14/2023 11:10	46004 BERW_T2	0	0	0	0	0	0	-0.42	-0.41	0	0	0	0	0	0
12/14/2023 11:10	56802 BENV_T2	25	26	1	0.18	0.22	0.04	-1.2	-1.21	0	0	0	0	0	0
12/14/2023 11:10	52202 DEVO_T2	0	0	0	0	0	0	-1.34	0	0	0	0	0	0	0
12/14/2023 11:10	67503 WEWI_T2	4	13	9	0.75	0	-0.75	0	0	0	0	0	0	0	0
12/14/2023 11:11	65003 NEFF_T2	4	17	13	0.5	0.2	-0.3	0	0	0	0	0	0	0	0
12/14/2023 11:11	56802 BENV_T2	25	26	1	0.18	0.22	0.04	-3.59	-3.62	0	0	0	26	0	0
12/14/2023 11:12	51604 DUKE_T2	26	4	-22	0.38	0.77	0.39	-3.33	-1.13	2	0	-2	1800	0	-1800
12/14/2023 11:12	52202 DEVO_T2	0	0	0	0	0	0	-1.34	0	0	0	0	0	0	0
12/14/2023 11:12	56802 BENV_T2	25	26	1	0.18	0.22	0.04	-1.2	-1.21	0	0	0	0	0	0
12/14/2023 11:13	56802 BENV_T2	25	26	1	0.18	0.22	0.04	-1.2	-1.21	0	0	0	0	0	0
12/14/2023 11:13	61801 EELI_T2	0	1	1	0	0.4	0.4	-0.52	-0.54	0	0	0	0	0	0
12/14/2023 11:15	41802 GOCI_T2	8	16	8	0.13	0.17	0.04	0	0	0	0	0	0	0	0
12/14/2023 11:15	17802 GILB_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/14/2023 11:15	40101 HUNT_T2	12	10	-2	0.72	0.1	-0.62	-0.64	-0.62	0	0	0	0	0	0
12/14/2023 11:15	46903 MNTG_T2	0	38	38	0	0.15	0.15	0	0	0	0	0	0	0	0
12/14/2023 11:15	52102 MEIS_T1	5	3	-2	1.7	1	-0.7	0	0	1	1	0	450	450	0
12/14/2023 11:16	39601 LNFD_T1	0	0	0	0	0	0	0	0	1	0	-1	900	0	-900
12/14/2023 11:17	55002 NEWP_T1	10	11	1	1.17	1.21	0.04	-0.16	-0.15	0	0	0	0	0	0
12/14/2023 11:17	40101 HUNT_T2	12	10	-2	0.72	0.1	-0.62	-0.64	-0.62	0	0	0	0	0	0
12/14/2023 11:18	50501 MECH_T1	4	6	2	1.18	1.25	0.07	0	0	0	0	0	0	0	0
12/14/2023 11:19	46903 MNTG_T2	0	38	38	0	0.15	0.15	-0.02	-0.02	1	1	0	600	600	0
12/14/2023 11:20	56504 ROCK_T2	0	1	1	0	0.1	0.1	0	-0.01	0	0	0	0	0	0
12/14/2023 11:21	67502 WEWI_T2	1	2	1	0.6	0.7	0.1	0	0	0	0	0	0	0	0
12/14/2023 11:22	44601 SALE_T2	0	0	0	0	0	0	0.83	0.88	1	1	0	600	600	0
12/14/2023 11:23	67502 WEWI_T2	1	2	1	0.6	0.7	0.1	0	0	0	0	0	0	0	0
12/14/2023 11:23	67204 TEHI_T2	0	0	0	0	0	0	0.01	0.01	0	0	0	0	0	0
12/14/2023 11:23	67401 WAKE_T2	0	0	0	0	0	0	-1.01	-1.11	0	0	0	0	0	0
12/14/2023 11:24	66702 STRA_T1	0	2	2	0	0	0	0.14	0.17	3	3	0	2700	2700	0
12/14/2023 11:28	65004 NEFF_T2	4	4	0	0.85	0	-0.85	0	0	0	0	0	0	0	0
12/14/2023 11:28	51107 CARL_T1	0	1	1	0	0	0	0.17	0.29	0	0	0	0	0	0
12/14/2023 11:30	47002 HUGH_T2	1	7	6	0.1	0.23	0.13	0	0	0	0	0	0	0	0
12/14/2023 11:31	46901 MNTG_T2	0	0	0	0	0	0	1.76	1.57	0	0	0	0	0	0
12/14/2023 11:31	47002 HUGH_T2	1	7	6	0.1	0.23	0.13	0	0	0	0	0	0	0	0
12/14/2023 11:32	64703 LITI_T2	0	1	1	0	0	0	0	0	0	0	0	0	0	0
12/14/2023 11:32	52004 LING_T2	2	4	2	0.45	0.38	-0.07	0.27	0.27	0	0	0	0	0	0
12/14/2023 11:32	47401 PENS_T1	0	2	2	0	0.6	0.6	0.92	0.78	0	0	0	0	0	0
12/14/2023 11:33	47402 PENS_T1	120	120	0	2.54	3.65	1.11	0	0	0	0	0	0	0	0
12/14/2023 11:33	64702 LITI_T2	1	2	1	0.4	0	-0.4	-0.67	-0.7	0	0	0	0	0	0
12/14/2023 11:33	59003 MIFF_T1	0	1	1	0	0.3	0.3	-0.33	-0.32	0	0	0	0	0	0
12/14/2023 11:33	64303 LINC_T1	3	1	-2	1.73	0	-1.73	0	0	0	0	0	0	0	0
12/14/2023 11:33	64101 REFR_T1	0	2	2	0	0.1	0.1	-0.09	-0.02	0	0	0	0	0	0
12/14/2023 11:33	46903 MNTG_T2	2	38	36	0.4	0.15	-0.25	-0.02	-0.15	1	1	0	600	600	0
12/14/2023 11:34	64101 REFR_T1	0	2	2	0	0.1	0.1	-0.03	-0.01	0	0	0	0	0	0
12/14/2023 11:35	64101 REFR_T1	0	2	2	0	0.1	0.1	-0.03	-0.01	0	0	0	0	0	0
12/14/2023 11:36	64101 REFR_T1	0	2	2	0	0.1	0.1	-0.03	-0.01	0	0	0	0	0	0
12/14/2023 11:36	67203 TEHI_T1	1	1	0	0.2	0	-0.2	0	0	0	0	0	0	0	0
12/14/2023 11:37	43001 ALWD_T1	1	4	3	0.5	0.15	-0.35	0	0	0	0	0	0	0	0
12/14/2023 11:38	65002 NEFF_T2	0	1	1	0	0	0	0	0	0	0	0	0	0	0
12/14/2023 11:38	60101 COCA_T1	0	0	0	0	0	0	0.49	0.5	0	0	0	0	0	0
12/14/2023 11:38	51107 CARL_T1	1	0	-1	2.1	0	-2.1	0.08	0.15	0	0	0	0	0	0
12/14/2023 11:38	67204 TEHI_T2	0	0	0	0	0	0	-0.01	-0.02	0	0	0	0	0	0
12/14/2023 11:39	28601 BLYT_T2	0	1	1	0	0	0	0	0	0	0	0	0	0	0
12/14/2023 11:39	67103 SPRI_T1	0	0	0	0	0	0	-0.06	-0.03	0	0	0	0	0	0
12/14/2023 11:39	67203 TEHI_T1	1	1	0	0.2	0	-0.2	2.51	2.28	2	2	0	1200	1200	0
12/14/2023 11:40	60101 COCA_T1	0	0	0	0	0	0	0.5	0.43	0	0	0	0	0	0
12/14/2023 11:42	53501 EVIL_T2	9	10	1	0.77	0.83	0.06	-0.81	-0.79	2	2	0	1200	1200	0
12/14/2023 11:47	58402 MORO_T1	0	0	0	0	0	0	-0.08	-0.15	2	2	0	1500	1500	0
12/14/2023 11:47	58402 MORO_T1	0	0	0	0	0	0	-0.08	-0.15	2	2	0	1500	1500	0
12/14/2023 11:48	59003 MIFF_T1	0	1	1	0	0.3	0.3	-0.32	-0.13	0	0	0	0	0	0
12/14/2023 11:49	64101 REFR_T1	0	2	2	0	0.1	0.1	-0.01	-0.1	0	0	0	0	0	0
12/14/2023 11:50	65902 SAKR_T2	0	0	0	0	0	0	-0.11	-0.15	0	0	0	0	0	0
12/14/2023 11:50	65902 SAKR_T2	0	0	0	0	0	0	-0.11	-0.15	0	0	0	0	0	0
12/14/2023 11:50	64101 REFR_T1	0	2	2	0	0.1	0.1	-0.01	-0.1	0	0	0	0	0	0
12/14/2023 11:51	64101 REFR_T1	0	2	2	0	0.1	0.1	-0.01	-0.05	0	0	0	0	0	0
12/14/2023 11:52	54202 PENN_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/14/2023 11:53	64101 REFR_T1	0	2	2	0	0.1	0.1	-0.01	-0.05	0	0	0	0	0	0
12/14/2023 11:54	43001 ALWD_T1	3	4	1	0.17	0.1	-0.07	0	0	0	0	0	0	0	0
12/14/2023 11:55	60101 COCA_T1	0	0	0	0	0	0	0.43	0.41	0	0	0	0	0	0
12/14/2023 11:56	60101 COCA_T1	0	0	0	0	0	0	0.43	0.41	0	0	0	0	0	0
12/14/2023 11:57	51604 DUKE_T2	2	1	-1	0.4	0.6	0.2	-0.56	-0.6	0	0	0	0	0	0
12/14/2023 11:59	51604 DUKE_T2	2	1	-1	0.4	0.6	0.2	-0.56	-0.6	0	0	0	0	0	0
12/14/2023 12:00	41503 FAIR_T2	0	1	-1	0	0	0	0	0	0	0	0	0	0	0
12/14/2023 12:00	59003 MIFF_T1	1	0	-1	0.3	0	-0.3	-0.13	-0.27	0	0	0	0	0	0
12/14/2023 12:01	58401 MORO_T1	0	0	0	0	0	0	-1.8	-1.83	2	2	0	1200	1200	0
12/14/2023 12:01	59302 MCAL_T1	2	3	1	0.3	0.33	0.03	0	0	0	0	0	0	0	0
12/14/2023 12:01	59003 MIFF_T1	1	0	-1	0.3	0	-0.3	-0.13	-0.27	0	0	0	0	0	0
12/14/2023 12:03	59302 MCAL_T1	2	3	1	0.3	0.33	0.03	-0.27	-0.05	1	1	0	600	600	0
12/14/2023 12:04	65004 NEFF_T2	0	1	1	0	0	0	0	0	0	0	0	0	0	0
12/14/2023 12:04	59003 MIFF_T1	1	0	-1	0.3	0	-0.3	-0.13	-0.27	0	0	0	0	0	0
12/14/2023 12:05	58402 MORO_T1	0	0	0	0	0	0	-0.15	-0.15	2	2	0	1500	1500	0
12/14/2023 12:05	58401 MORO_T1	0	0	0	0	0	0	-0.9	-0.91	1	1	0	600	600	0
12/14/2023 12:06	59402 RFLD_T2	0	0	0	0	0	0	-0.81	-0.61	1	1	0	450	450	0
12/14/2023 12:09	66702 STRA_T1	0	1	1	0	0.2	0.2	0	0	0	0	0	0	0	0
12/14/2023 12:09	43001 ALWD_T1	3	6	3	0.1	0.15	0.05	0	0	0	0	0	0	0	0
12/14/2023 12:10	60101 COCA_T1	0	0	0	0	0	0	0.41	0.36	0	0	0	0	0	0
12/14/2023 12:11	58401 MORO_T1	0	0	0	0	0	0	-1.83	-1.83	2	2	0	1200	1200	0
12/14/2023 12:12	60101 COCA_T1	0	0	0	0	0	0	0.41	0.36	0	0	0	0	0	0
12/14/2023 12:18	64101 REFR_T1	1	1	0	0.1	1	0.9	-0.03	-0.05	0	0	0	0	0	0
12/14/2023 12:20	50701 SMEC_T1	7	8	1	0.63	0.88	0.25	0.06	0.1	0	0	0	0	0	0
12/14/2023 12:20	64101 REFR_T1	1	1	0	0.1	1	0.9	-0.03	-0.05	0	0	0	0	0	0
12/14/2023 12:21	64101 REFR_T1	1	1	0	0.1	1	0.9	-0.05	-0.1	0	0	0	0	0	0
12/14/2023 12:21	50701 SMEC_T1	7	8	1	0.63	0.88	0.25	0.06	0.1	0	0	0	0	0	0
12/14/2023 12:22	64101 REFR_T1	1	1	0	0.1	1	0.9	-0.03	-0.05	0	0	0	0	0	0
12/14/2023 12:23	50701 SMEC_T1	7	8	1	0.63	0.88	0.25	0.06	0.1	0	0	0	0	0	0
12/14/2023 12:29	51107 CARL_T1	0	0	0	0	0	0	0.1	0.26	0	0	0	0	0	0
12/14/2023 12:36	67401 WAKE_T2	1	1	0	0.1	0.3	0.2	-1.1	-1.09	0	0	0	0	0	0
12/14/2023 12:37	65902 SAKR_T2	0	0	0	0	0	0	-0.17	-0.11	0	0	0	0	0	0
12/14/2023 12:37	65901 SAKR_T2	1	2	1	0.9	5	4.1	-1.15	-1.13	1	1	0	900	900	0
12/14/2023 12:37	61103 BERK_T5	1	4	3	0.2	0.23	0.03	0.07	0.03	0	0	0	0	0	0
12/14/2023 12:41	65003 NEFF_T2	0	1	1	0.1	0.2	0.1	0	0	0	0	0	0	0	0
12/14/2023 12:42	61101 BERK_T5	0	2	2	0	0.2	0.2	0	0	0	0	0	0	0	0
12/14/2023 12:57	65002 NEFF_T2	0	3	3	0	0	0	0	0	0	0	0	0	0	0
12/14/2023 13:01	50504 MECH_T1	1	3	2	1.3	0.2	-1.1	0	0	0	0	0	0	0	0
12/14/2023 13:01	52002 LING_T2	1	1	0	1	1.1	0.1	0	0	0	0	0	0	0	0
12/14/2023 13:03	64101 REFR_T1	1	1	0	0.9	1	0.1	-0.11	-0.1	0	0	0	0	0	0
12/14/2023 13:04	54001 SDLE_T1	7	11	4	0.74	0.95	0.21	0	0	0	0	0	0	0	0
12/14/2023 13:05	50501 MECH_T1	6	4	-2	0.9	1.53	0.63	0	0	0	0

12/14/2023 14:08	20403 ASHF_T2	2	7	5	0.85	0.18	-0.67	0.77	0.33	0	0	0	0	0	0
12/14/2023 14:09	54502 ENOL_T2	2	1	-1	0.2	0.5	0.3	0	0	0	0	0	0	0	0
12/14/2023 14:09	20403 ASHF_T2	2	7	5	0.85	0.18	-0.67	0.33	0.16	0	0	0	0	0	0
12/14/2023 14:09	54505 ENOL_T2	1	1	0	1.2	1.1	-0.1	-1.3	-1.3	1	1	0	600	600	0
12/14/2023 14:10	60201 ATGL_T2	0	1	1	0	0.1	0.1	0.17	0.14	1	1	0	300	300	0
12/14/2023 14:11	27503 WEIS_T2	0	4	4	0	0.1	0.1	0	0	0	0	0	0	0	0
12/14/2023 14:11	60201 ATGL_T2	0	1	1	0	0.1	0.1	0.17	0.14	1	1	0	300	300	0
12/14/2023 14:12	20403 ASHF_T2	2	7	5	0.85	0.18	-0.67	0.33	0.16	0	0	0	0	0	0
12/14/2023 14:14	46802 HEPB_T1	1	1	0	0.7	0.4	-0.3	-0.2	-0.23	0	0	0	0	0	0
12/14/2023 14:15	26401 INOR_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/14/2023 14:15	59302 MCAL_T1	2	0	-2	0.15	0	-0.15	0	0	0	0	0	0	0	0
12/14/2023 14:16	27502 WEIS_T2	0	0	0	0	0	0	-0.45	-0.48	0	0	0	0	0	0
12/14/2023 14:16	46801 HEPB_T2	0	2	2	0	0.15	0.15	0.6	0.59	0	0	0	0	0	0
12/14/2023 14:19	46101 MACI_T2	0	0	0	0	0	0	0.11	0.04	1	1	0	1200	1200	0
12/14/2023 14:19	17802 GILB_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/14/2023 14:21	54504 ENOL_T2	1	0	-1	0.4	0	-0.4	0	0	0	0	0	0	0	0
12/14/2023 14:22	67503 WEWI_T2	2	5	3	0.25	0	-0.25	-0.32	-0.31	0	0	0	0	0	0
12/14/2023 14:22	20403 ASHF_T2	0	12	12	0	0.16	0.16	0.33	0.16	0	0	0	0	0	0
12/14/2023 14:22	67503 WEWI_T2	2	5	3	0.25	0	-0.25	-0.32	-0.31	0	0	0	0	0	0
12/14/2023 14:23	44301 BEAV_T2	0	1	1	0	0.2	0.2	-0.3	-0.16	1	1	0	600	600	0
12/14/2023 14:23	64101 REFR_T1	1	3	2	1.1	0.55	-0.55	-0.07	-0.07	0	0	0	0	0	0
12/14/2023 14:23	67503 WEWI_T2	2	5	3	0.25	0	-0.25	0	0	0	0	0	0	0	0
12/14/2023 14:23	20403 ASHF_T2	0	12	12	0	0.16	0.16	0.33	0.16	0	0	0	0	0	0
12/14/2023 14:24	54504 ENOL_T2	1	0	-1	0.4	0	-0.4	-1.06	-1.09	1	1	0	600	600	0
12/14/2023 14:24	67503 WEWI_T2	2	5	3	0.25	0	-0.25	0	0	0	0	0	0	0	0
12/14/2023 14:24	27502 WEIS_T2	0	0	0	0	0	0	-0.48	-0.46	0	0	0	0	0	0
12/14/2023 14:24	43001 ALWD_T1	4	14	10	0.1	0.21	0.11	0	0	0	0	0	0	0	0
12/14/2023 14:24	54504 ENOL_T2	1	0	-1	0.4	0	-0.4	-1.06	-1.09	1	1	0	600	600	0
12/14/2023 14:24	67401 WAKE_T2	0	0	0	0	0	0	-1.11	-1.08	0	0	0	0	0	0
12/14/2023 14:25	43001 ALWD_T1	4	14	10	0.1	0.21	0.11	0	0	0	0	0	0	0	0
12/14/2023 14:25	67502 WEWI_T2	2	5	3	0.7	0.37	-0.33	0	0	0	0	0	0	0	0
12/14/2023 14:25	20403 ASHF_T2	0	12	12	0	0.16	0.16	0.1	0	0	0	0	0	0	0
12/14/2023 14:25	54504 ENOL_T2	1	0	-1	0.4	0	-0.4	0	0	0	0	0	0	0	0
12/14/2023 14:29	62604 ENGL_T1	0	0	0	0	0	0	-0.72	-0.75	2	2	0	1200	1200	0
12/14/2023 14:30	62604 ENGL_T1	0	0	0	0	0	0	-0.72	-0.75	2	2	0	1200	1200	0
12/14/2023 14:32	63401 HONY_T1	0	0	0	0	0	0	0.94	0.9	0	0	0	0	0	0
12/14/2023 14:35	17802 GILB_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/14/2023 14:35	67002 STHI_T2	13	10	-3	0.23	0.31	0.08	0.59	0.58	0	0	0	0	0	0
12/14/2023 14:35	56504 ROCK_T2	0	1	1	0	0	0	-0.23	-0.24	0	0	0	0	0	0
12/14/2023 14:36	67002 STHI_T2	13	10	-3	0.23	0.31	0.08	0.59	0.58	0	0	0	0	0	0
12/14/2023 14:38	65904 SAKR_T2	1	1	0	2.1	0	-2.1	0	0	0	0	0	0	0	0
12/14/2023 14:38	56501 ROCK_T2	1	1	0	1.4	1.7	0.3	0	0	0	0	0	0	0	0
12/14/2023 14:38	67503 WEWI_T2	4	37	33	0.6	0	-0.6	-0.31	-0.33	0	0	0	0	0	0
12/14/2023 14:39	59101 WALK_T2	2	1	-1	0.4	0	-0.4	0.96	0.96	0	0	0	0	0	0
12/14/2023 14:39	27503 WEIS_T2	4	0	-4	0.1	0	-0.1	0	0	0	0	0	0	0	0
12/14/2023 14:39	43402 BENT_T1	0	0	0	0	0	0	-1.33	-1.33	2	2	0	1500	1500	0
12/14/2023 14:39	56501 ROCK_T2	1	1	0	1.4	1.7	0.3	0	0	0	0	0	0	0	0
12/14/2023 14:39	67502 WEWI_T2	3	4	1	0.43	0.27	-0.16	-0.26	-0.17	0	0	0	0	0	0
12/14/2023 14:40	43402 BENT_T1	0	0	0	0	0	0	-1.33	-1.33	2	2	0	1500	1500	0
12/14/2023 14:40	67502 WEWI_T2	3	4	1	0.43	0.27	-0.16	0	0	0	0	0	0	0	0
12/14/2023 14:40	44802 EDAN_T2	3	0	-3	0.47	0	-0.47	-2.25	-2.26	1	1	0	1200	1200	0
12/14/2023 14:40	62604 ENGL_T1	0	0	0	0	0	0	-0.38	-0.35	1	1	0	600	600	0
12/14/2023 14:41	46004 BERW_T2	0	0	0	0	0	0	-0.58	-0.69	0	0	0	0	0	0
12/14/2023 14:42	44801 EDAN_T2	0	1	1	0	0	0	0	0	0	0	0	0	0	0
12/14/2023 14:42	62604 ENGL_T1	0	0	0	0	0	0	-0.38	-0.35	1	1	0	600	600	0
12/14/2023 14:43	44801 EDAN_T2	0	1	1	0	0	0	0	0	0	0	0	0	0	0
12/14/2023 14:43	47901 HRDG_T1	0	0	0	0	0	0	1.43	1.52	0	0	0	0	0	0
12/14/2023 14:45	54502 ENOL_T2	3	3	0	0.57	0.2	-0.37	-2.03	-2.06	1	1	0	600	600	0
12/14/2023 14:45	61301 EARL_T1	1	0	-1	0.7	0	-0.7	0	0	0	0	0	0	0	0
12/14/2023 14:45	62604 ENGL_T1	0	0	0	0	0	0	-0.38	-0.35	1	1	0	600	600	0
12/14/2023 14:46	26401 INOR_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/14/2023 14:47	47901 HRDG_T1	0	0	0	0	0	0	1.43	1.52	0	0	0	0	0	0
12/14/2023 14:49	52101 MEIS_T1	1	2	1	1.3	1	-0.3	0	0	0	0	0	0	0	0
12/14/2023 14:50	17802 GILB_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/14/2023 14:53	20403 ASHF_T2	10	0	-10	0.16	0	-0.16	0.1	0.11	0	0	0	0	0	0
12/14/2023 14:53	65004 NEFF_T2	1	19	18	0.3	0	-0.3	0	0	0	0	0	0	0	0
12/14/2023 14:53	64101 REFR_T1	2	0	-2	0.35	0	-0.35	-0.13	-0.1	0	0	0	0	0	0
12/14/2023 14:54	20403 ASHF_T2	10	0	-10	0.16	0	-0.16	0.11	0.11	0	0	0	0	0	0
12/14/2023 14:54	44301 BEAV_T2	0	0	0	0	0	0	-0.12	-0.1	1	1	0	600	600	0
12/14/2023 14:56	60201 ATGL_T2	0	3	3	0	0.13	0.13	0.08	0.02	1	1	0	300	300	0
12/14/2023 14:57	20401 ASHF_T2	0	1	1	0	0	0	0	0	0	0	0	0	0	0
12/14/2023 15:01	46903 MNTG_T2	1	0	-1	0.2	0	-0.2	0.14	-0.02	2	2	0	1200	1200	0
12/14/2023 15:02	56504 ROCK_T2	1	1	0	2.2	0	-2.2	-0.24	-0.22	0	0	0	0	0	0
12/14/2023 15:02	46901 MNTG_T2	0	0	0	0	0	0	1.42	1.53	0	0	0	0	0	0
12/14/2023 15:03	54701 NEBL_T1	3	5	2	0.37	0.4	0.03	0	0	1	1	0	600	600	0
12/14/2023 15:04	42002 MNVL_T2	1	1	0	7.6	7.2	-0.4	0	0	0	0	0	0	0	0
12/14/2023 15:07	55105 WERT_T1	0	3	3	0	0	0	0	0	0	0	0	0	0	0
12/14/2023 15:09	55105 WERT_T1	0	3	3	0	0	0	0	0	0	0	0	0	0	0
12/14/2023 15:09	60201 ATGL_T2	1	3	2	0.1	0.13	0.03	0.02	0.34	1	0	-1	300	0	-300
12/14/2023 15:11	40902 JESH_T1	0	0	0	0	0	0	-0.66	-0.74	0	0	0	0	0	0
12/14/2023 15:16	47401 PENS_T1	0	5	5	2.4	0	-2.4	0.81	0.86	0	0	0	0	0	0
12/14/2023 15:21	43001 ALWD_T1	13	15	2	0.32	0.31	-0.01	0	0	0	0	0	0	0	0
12/14/2023 15:23	43001 ALWD_T1	13	15	2	0.32	0.31	-0.01	0	0	0	0	0	0	0	0
12/14/2023 15:24	65002 NEFF_T2	0	13	13	0	0	0	0	0	0	0	0	0	0	0
12/14/2023 15:24	40502 CRES_T2	9	18	9	0.19	0.27	0.08	-0.22	-0.17	0	0	0	0	0	0
12/14/2023 15:27	40502 CRES_T2	9	18	9	0.19	0.27	0.08	-0.22	-0.17	0	0	0	0	0	0
12/14/2023 15:28	40502 CRES_T2	9	18	9	0.19	0.27	0.08	-0.22	-0.17	0	0	0	0	0	0
12/14/2023 15:43	40502 CRES_T2	14	17	3	0.18	0.28	0.1	-0.17	-0.14	0	0	0	0	0	0
12/14/2023 15:44	40502 CRES_T2	14	17	3	0.18	0.28	0.1	-0.17	-0.14	0	0	0	0	0	0
12/14/2023 15:51	64101 REFR_T1	0	1	1	0	0	0	-0.06	-0.03	0	0	0	0	0	0
12/14/2023 16:10	40502 CRES_T2	6	6	0	0.25	0.15	-0.1	-0.29	-0.27	0	0	0	0	0	0
12/14/2023 16:11	40502 CRES_T2	6	6	0	0.25	0.15	-0.1	-0.14	-0.13	0	0	0	0	0	0
12/14/2023 16:12	40502 CRES_T2	6	6	0	0.25	0.15	-0.1	-0.72	-0.67	0	0	0	0	0	0
12/14/2023 16:13	40502 CRES_T2	6	6	0	0.25	0.15	-0.1	-0.43	-0.4	0	0	0	0	0	0
12/14/2023 16:16	40502 CRES_T2	6	6	0	0.15	0.12	-0.03	-0.14	-0.13	0	0	0	0	0	0
12/14/2023 16:21	40502 CRES_T2	6	6	0	0.15	0.12	-0.03	-0.14	-0.13	0	0	0	0	0	0
12/14/2023 16:23	40502 CRES_T2	6	6	0	0.15	0.12	-0.03	-0.43	-0.4	0	0	0	0	0	0
12/14/2023 16:29	47901 HRDG_T1	0	0	0	0	0	0	0.99	0.94	0	0	0	0	0	0
12/14/2023 16:32	47901 HRDG_T1	0	0	0	0	0	0	0.99	0.94	0	0	0	0	0	0
12/14/2023 16:36	59101 WALK_T2	1	1	0	0	0	0	1.13	1.16	0	0	0	0	0	0
12/14/2023 16:38	65001 NEFF_T2	1	4	3	0.3	0	-0.3	-0.77	-0.68	1	1	0	1200	1200	0
12/14/2023 16:38	59101 WALK_T2	1	1	0	0	0	0	1.13	1.16	0	0	0	0	0	0
12/14/2023 16:39	59101 WALK_T2	1	1	0	0	0	0	1.16	0.92	0	0	0	0	0	0
12/14/2023 16:40	59101 WALK_T2	1	1	0	0	0	0	1.16	0.92	0	0	0	0	0	0
12/14/2023 16:43	65001 NEFF_T2	5	3	-2	0.5	0	-0.5	0	0	0	0	0	0	0	0
12/14/2023 17:04	65002 NEFF_T2	5	10	5	0.92	0	-0.92	0	0	0	0	0	0	0	0
12/14/2023 17:52	65002 NEFF_T2	4	18	14	0.8	0	-0.8	0	0	0	0	0	0	0	0
12/14/2023 18:07	65002 NEFF_T2	8	16	8	1.71	0	-1.71	0	0	0	0	0	0	0	0
12/14/2023 18:21	54502 ENOL_T2	0	0	0	0	0	0	-1.88	-1.91	1	1	0	600	600	0
12/14/2023 18:23	65003 NEFF_T2	7	16	9	0.34	0	-0.34	0	0	0	0	0	0	0	0
12/14/2023 18:32	62607 ENGL_T1	0	1	1	0	0	0	-0.65	-0.63	0	0	0	0	0	0
12/14/2023 18:34	29402 BELT_T1	2	4	2	3.9	5.7	1.8	0	0	0	0	0	0	0	0
12/14/2023 18:35	26401 INOR_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/14/2023 18:35	43402 BENT_T1	2	4	2	0.2	0.2	0	-0.9	-1.51	2	2	0	1500	1500	0
12/14/2023 18:37	44301 BEAV_T2	0	2	2	0	0	0	-0.21	-0.18	1	1	0	600	600	0
12/14/2023 18:37	47001 HUGH_T2	0	0	0	0	0	0	-0.51	-0.55	0	0	0	0	0	0
12/14/2023 18:37	39601 LNFD_T1	38	51	13	0.94	0.6	-0.34	0	0	0	0	0	0	0	0
12/14/2023 18:38	16302 ALPA_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/14/2023 18:38	46802 HEPB_T1	0	0	0	0	0	0	-0.14	-0.17	0	0	0	0	0	0
12/14/2023 18:39	10805 CHNI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/14/2023 18:39	42201 SHEN_T2	0	0	0	0	0	0	-0.12	-0.09	1	1	0	600	600	0
12/14/2023 18:40	47401 PENS_T1	0	0	-1	2	0	-2	-0.39	-0.4	0	0	0	0	0	0
12/14/2023 18:40	29402 BELT_T1	2	4	2	3.9	5.7	1.8	0	0	0	0	0	0	0	0
12/14/2023 18:41	67503 WEWI_T2	7	28	21	1.9	0	-1.9	-0.03	-0.08	0	0	0	0	0	0
12/14/2023 18:41	46903 MNTG_T2	0	0	0	0	0	0	-0.21	-0.22	1	1	0	600	600	0
12/14/2023 18:41	17802 GILB_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/14/2023 18:41	27502 WEIS_T2	0	0	0	0	0	0	-0.33	-0.35	0	0	0	0	0	0
12/14/2023 18:42	47402 PENS_T1	115	116	1	1.39	1.43	0.04	0	0	0	0	0	0	0	0
12/14/2023 18:42	40502 CRES_T2	5	16	11	0.2	0.18	-0.02	-0.53	-0.54	0	0	0	0	0	0
12/14/2023 18:42	67001 STHI_T2	0	1	1	0	0.1	0.1	0	0	0	0	0	0	0	0
12/14/2023 18:42	20403 ASHF_T2	3	2	-1	3.17	0	-3.17	0.59	0.57	0	0	0	0	0	0
12/14/2023 18:42	10805 CHNI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/14/2023 18:43	47901 HRDG_T1	0	0	0	0	0	0	1.66	1.78	0	0	0	0	0	0
12/14/2023 18:43	44601 SALE_T2	0	0	0	0	0	0	-0.04	0	0	0	0	0	0	0
12/14/2023 18:43	29401 BELT_T1	27	13	-14	0.23	0.15	-0.08	0	0	1	1	0	900	900	0
12/14/2023 18:43	52006 LING_T2	1	1	0	0.1	0.1	0	0	0	0	0	0	0	0	0
12/14/2023 18:43	41801 GOCI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/14/2023 18:43	64703 LITI_T2	11	16	5	1.53	0	-1.53	0	0	0	0	0	0	0	0
12/14/2023 18:43	51104 CARL_T1	2	0	-2	1.55	0	-1.55	0	0	0	0	0	0	0	0
12/14/2023 18:43	46101 MACI_T2	0	0	0	0	0	0	0.86	0.79	0	0	0	0	0	0
12/14/2023 18:43	43304 WATS_T2	5	4	-1	0.4	0	-0.4	0	0	0	0	0	0	0	0
12/14/2023 18:43	46903 MNTG_T2	0	0	0	0	0	0	-0.21	-0.22	1	1	0	600	600	0
12/14/2023 18:43	40502 CRES_T2	5	16	11	0.2	0.18	-0.02	-0.53	-0.54	0	0	0	0	0	0
12/14/2023 18:43	52102 MEIS_T1	3	3	0	1.57	0	-1.57	0	0	1	1	0	450	450	0
12/14/2023 18:43	59301 MCAL_T1	0	0	0	0	0	0	-1.39	-1.39	0	0	0	0	0	0
12/14/2023 18:43	60801 BUCK_T1	1	1	0	1.7	0	-1.7	0	0	0	0	0	0	0	0
12/14/2023 18:44	42002 MNVL_T2	1	1	0	9.5	9.6	0.1	0	0	0	0	0	0	0	0
12/14/2023 18:44	44801 EDAN_T2	1	1	0	1.3	1.5	0.2	0	0	0	0	0	0	0	0
12/14/2023 18:44	51604 DUKE_T2	0	0	0	0	0	0	-1.59	-1.62	1	1	0	900	900	0
12/14/2023 18:44	67001 STHI_T2	0	1	1	0	0.1	0.1	0	0	0	0	0	0	0	0
12/14/2023 18:44	40502 CRES_T2	5	16	11	0.2	0.18	-0.02	-2.1	-2.18	0	0	0	0	0	0
12/14/2023 18:44	52502 PROG_T2	0	0	0	0	0	0	-0.5	-0.49	1	1	0	900	900	0
12/14/2023 18:44	47001 HUGH_T2	0	0	0	0	0	0	-0.55	-0.53	0	0	0	0	0	0
12/14/2023 18:44	67103 SPRI_T1	0	0	0	0	0	0	-0.13	-0.09	0	0	0	0	0	0
12/14/2023 18:44	14802 TREI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/14/2023 18:45	44302 BEAV_T2	1	0	-1	1.4	0	-1.4	0	0	0	0	0	0	0	0
12/14/2023 18:45	67502 WEWI_T2	6	16	10	1.17	0	-1.17	-0.27	-0.28	0	0	0	0	0	0
12/14/2023 18:45	43304 WATS_T2	4	0	-4	0.23	0	-0.23	0	0	0	0	0	0	0	0
12/14/2023 18:45	59101 WALK_T2	1	4	3	0	0.1	0.1	2.22	2.27	2	2	0	900	900	0
12/14/2023 18:45	62604 ENGL_T1	0	1	1	0	0	0	-0.44	-0.43	1	1	0	600	600	0
12/14/2023 18:45	65902 SAKR_T2	0	4	4	0	0	0	0	0	0	0	0	0	0	0
12/14/2023 18:45	40502 CRES_T2	11	17	6	0.15	0.25	0.1	-0.53	-0.54	0	0	0	0	0	0
12/14/2023 18:45	56802 BENV_T2	3	5	2	0.7	0.1	-0.6	-1.24	-1.29	0	0	0	0	0	0
12/14/2023 18:46	51108 CARL_T1	0	1	1	0	0	0	0	0	0	0	0	0	0	0
12/14/2023 18:46	46003 BERW_T2	1	1	0	1.2	1.2	0	0	0	0	0	0	0	0	0
12/14/2023 18:46	47402 PENS_T1	115	113	-2	1.39	1.28	-0.11	0	0	0	0	0	0	0	0
12/14/2023 18:46	45502 DERR_T2	1	1	0	0.1	0.2	0.1	0	0	0	0	0	0	0	0
12/14/2023 18:46	67202 TEHI_T2	0	1	1	0	0	0	0	0	0	0	0	0	0	0
12/14/2023 18:46	52502 PROG_T2	0	0	0	0	0	0	-0.5	-0.49	1	1	0	900	900	0
12/14/2023 18:46	57403 SPAN_T1	0	2	2	0	0	0	0	0	0	0	0	0	0	0
12/14/2023 18:46	55001 NEWP_T1	0	5	5	0	0	0	0	0	0	0	0	0	0	0
12/14/2023 18:46	40101 HUNT_T2	280	318	38	0.94	0.75	-0.19	-0.68	-0.72	0	0	0	0	0	0
12/14/2023 18:46	53501 EVIL_T2	3	29	26	3.4	0.27	-3.13	-2.8	-2.99	4	4	0	2400	2400	0
12/14/2023 18:47	64703 LITI_T2	9	16	7	1.13	0	-1.13	0	0	0	0	0	0	0	0
12/14/2023 18:47	43302 WATS_T2	4	4	0	0.28	0.5	0.22	0	0	0	0	0	0	0	0
12/14/2023 18:47	67503 WEWI_T2	24	17	-7	1.92	0.2	-1.72	0	0	0	0	0	0	0	0
12/14/2023 18:47	65003 NEFF_T2	13	49	36	0.82	0	-0.82	0	0	0	0	0	0	0	0
12/14/2023 18:47	43304 WATS_T2	4	0	-4	0.23	0	-0.23	0	0	0	0	0	0	0	0
12/14/2023 18:47	56802 BENV_T2	3	5	2

Appendix C - Grid Benefits Achieved in Each Instance of Active Management

12/14/2023 18:49	60201 ATGL_T2	0	0	0	0	0	0	0.23	0.28	1	1	0	300	300	0
12/14/2023 18:50	62607 ENGL_T1	0	2	2	0	0	0	0	0	0	0	0	0	0	0
12/14/2023 18:50	66701 STRA_T1	4	16	12	1.6	0	-1.6	0	0	0	0	0	0	0	0
12/14/2023 18:50	59101 WALK_T2	1	4	3	0	0.1	0.1	1.11	1.13	1	1	0	450	450	0
12/14/2023 18:50	54504 ENOL_T2	0	3	3	0	0	0	-0.99	-0.97	1	1	0	600	600	0
12/14/2023 18:50	56504 ROCK_T2	4	1	-3	2.4	0	-2.4	-0.16	-0.13	0	0	0	0	0	0
12/14/2023 18:50	43402 BENT_T1	4	3	-1	0.3	0.2	-0.1	-1.51	-1.51	2	1	-1	1500	900	-600
12/14/2023 18:50	64802 MONE_T2	2	3	1	1.2	0	-1.2	0	0	0	0	0	0	0	0
12/14/2023 18:50	43304 WATS_T2	4	0	-4	0.23	0	-0.23	0	0	0	0	0	0	0	0
12/14/2023 18:50	44301 BEAV_T2	1	1	0	0.1	1.1	1	-0.18	-0.12	1	1	0	600	600	0
12/14/2023 18:50	42201 SHEN_T2	0	0	0	0	0	0	-0.12	-0.09	1	1	0	600	600	0
12/14/2023 18:50	63401 HONY_T1	0	0	0	0	0	0	0.66	0.63	0	0	0	0	0	0
12/14/2023 18:50	40101 HUNT_T2	280	318	38	0.94	0.75	-0.19	-0.68	-0.72	0	0	0	0	0	0
12/14/2023 18:50	60201 ATGL_T2	0	0	0	0	0	0	0.23	0.28	1	1	0	300	300	0
12/14/2023 18:50	56802 BENV_T2	3	5	2	0.7	0.1	-0.6	-1.24	-1.29	0	0	0	0	0	0
12/14/2023 18:50	67502 WEWI_T2	6	16	10	1.17	0	-1.17	-0.27	-0.28	0	0	0	0	0	0
12/14/2023 18:50	55002 NEWP_T1	3	4	1	0.27	0.33	0.06	-0.18	-0.21	0	0	0	0	0	0
12/14/2023 18:50	43001 ALWD_T1	2	8	6	0.1	0.15	0.05	0	0	2	0	0	0	0	0
12/14/2023 18:50	67502 WEWI_T2	6	16	10	1.17	0	-1.17	-0.27	-0.28	0	0	0	0	0	0
12/14/2023 18:50	40502 CRES_T2	11	17	6	0.15	0.25	0.1	-0.53	-0.54	0	0	0	0	0	0
12/14/2023 18:51	56802 BENV_T2	3	5	2	0.7	0.1	-0.6	-1.24	-1.29	0	0	0	0	0	0
12/14/2023 18:51	56501 ROCK_T2	2	3	1	0.95	1.1	0.15	-0.77	-0.76	0	0	0	0	0	0
12/14/2023 18:51	67402 WAKE_T2	0	0	0	0	0	0	0.28	0.27	0	0	0	0	0	0
12/14/2023 18:51	54502 ENOL_T2	0	3	3	0	0	0	0	0	0	0	0	0	0	0
12/14/2023 18:51	64305 LINC_T1	1	1	0	1.1	0	-1.1	0	0	0	0	0	0	0	0
12/14/2023 18:51	67502 WEWI_T2	6	16	10	1.17	0	-1.17	-0.27	-0.28	0	0	0	0	0	0
12/14/2023 18:51	46903 MNTG_T2	0	2	2	0	0.1	0.1	-0.21	-0.22	1	1	0	600	600	0
12/14/2023 18:51	61303 EARL_T1	1	1	0	2.3	0	-2.3	0.25	0.2	0	0	0	0	0	0
12/14/2023 18:52	52101 MEIS_T1	1	1	0	2.6	0.7	-1.9	0	0	0	0	0	0	0	0
12/14/2023 18:52	59101 WALK_T2	1	4	3	0	0.1	0.1	1.11	1.13	1	1	0	450	450	0
12/14/2023 18:52	52502 PROG_T2	0	0	0	0	0	0	-0.5	-0.49	1	1	0	900	900	0
12/14/2023 18:52	46903 MNTG_T2	0	2	2	0	0.1	0.1	-0.21	-0.22	1	1	0	600	600	0
12/14/2023 18:52	56504 ROCK_T2	4	1	-3	2.4	0	-2.4	-0.16	-0.13	0	0	0	0	0	0
12/14/2023 18:52	56802 BENV_T2	3	5	2	0.7	0.1	-0.6	-3.73	-3.87	0	0	0	0	0	0
12/14/2023 18:52	40502 CRES_T2	11	17	6	0.15	0.25	0.1	-0.53	-0.54	0	0	0	0	0	0
12/14/2023 18:53	54504 ENOL_T2	0	3	3	0	0	0	0	0	0	0	0	0	0	0
12/14/2023 18:53	54503 ENOL_T2	0	1	1	0	0	0	0	0	0	0	0	0	0	0
12/14/2023 18:53	43304 WATS_T2	4	0	-4	0.23	0	-0.23	0	0	0	0	0	0	0	0
12/14/2023 18:53	45502 DERR_T2	1	1	0	0.1	0.2	0.1	-0.59	-0.59	0	0	0	0	0	0
12/14/2023 18:53	40502 CRES_T2	11	17	6	0.15	0.25	0.1	-0.53	-0.54	0	0	0	0	0	0
12/14/2023 18:53	47401 PENS_T1	0	1	1	0	0	0	-0.8	-0.82	0	0	0	0	0	0
12/14/2023 18:53	45502 DERR_T2	1	1	0	0.1	0.2	0.1	-0.59	-0.59	0	0	0	0	0	0
12/14/2023 18:53	56504 ROCK_T2	4	1	-3	2.4	0	-2.4	0	0	0	0	0	0	0	0
12/14/2023 18:53	43001 ALWD_T1	2	8	6	0.1	0.15	0.05	0	0	0	0	0	0	0	0
12/14/2023 18:53	20403 ASHF_T2	2	3	1	2.1	0	-2.1	0.59	0.57	0	0	0	0	0	0
12/14/2023 18:53	56802 BENV_T2	3	5	2	0.7	0.1	-0.6	-1.24	-1.29	0	0	0	0	0	0
12/14/2023 18:53	52204 DEVO_T2	3	3	0	0.5	0.4	-0.1	0	0	0	0	0	0	0	0
12/14/2023 18:53	61801 EEU_T2	0	0	0	0	0	0	-1.88	-1.9	2	2	0	1200	1200	0
12/14/2023 18:54	67201 TEHI_T1	0	1	1	0	0	0	0	0	0	0	0	0	0	0
12/14/2023 18:54	67002 STHI_T2	0	0	0	0	0	0	0.59	0.65	0	0	0	0	0	0
12/14/2023 18:54	47901 HRDG_T1	0	0	0	0	0	0	1.78	1.77	0	0	0	0	0	0
12/14/2023 18:54	54701 NEBL_T1	0	1	1	0	0	0	0	0	1	1	0	600	600	0
12/14/2023 18:54	58402 MORO_T1	1	2	1	3.7	0	-3.7	0	0	0	0	0	0	0	0
12/14/2023 18:54	41801 GOCI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/14/2023 18:54	55001 NEWP_T1	0	5	5	0	0	0	0	0	0	0	0	0	0	0
12/14/2023 18:54	54202 PENN_T2	3	2	-1	1.53	0	-1.53	0	0	0	0	0	0	0	0
12/14/2023 18:54	56504 ROCK_T2	4	1	-3	2.4	0	-2.4	-0.13	-0.06	0	0	0	0	0	0
12/14/2023 18:54	59003 MIFF_T1	0	0	0	0	0	0	-0.07	-0.33	0	0	0	0	0	0
12/14/2023 18:54	55105 WERT_T1	4	18	14	1.85	0	-1.85	0	0	0	0	0	0	0	0
12/14/2023 18:54	56504 ROCK_T2	4	1	-3	2.4	0	-2.4	-0.13	-0.06	0	0	0	0	0	0
12/14/2023 18:54	57403 SPAN_T1	0	2	2	0	0	0	0	0	0	0	0	0	0	0
12/14/2023 18:54	67502 WEWI_T2	6	16	10	1.17	0	-1.17	-0.28	-0.3	0	0	0	0	0	0
12/14/2023 18:54	67503 WEWI_T2	24	17	-7	1.92	0.2	-1.72	-0.08	-0.02	0	0	0	0	0	0
12/14/2023 18:54	40101 HUNT_T2	280	318	38	0.94	0.75	-0.19	-0.72	-0.66	0	0	0	0	0	0
12/14/2023 18:54	56802 BENV_T2	3	5	2	0.7	0.1	-0.6	-1.29	-1.22	0	0	0	0	0	0
12/14/2023 18:54	40902 JESH_T1	0	0	0	0	0	0	-0.66	-0.57	0	0	0	0	0	0
12/14/2023 18:54	64101 REFR_T1	0	2	2	0	0	0	-0.01	-0.01	0	0	0	0	0	0
12/14/2023 18:55	56501 ROCK_T2	2	3	1	0.95	1.1	0.15	-0.76	-0.72	0	0	0	0	0	0
12/14/2023 18:55	51108 CARL_T1	0	1	1	0	0	0	0	0	0	0	0	0	0	0
12/14/2023 18:55	41903 REED_T1	0	1	1	0	0	0	0	0	0	0	0	0	0	0
12/14/2023 18:55	56802 BENV_T2	3	5	2	0.7	0.1	-0.6	-1.29	-1.22	0	0	0	0	0	0
12/14/2023 18:55	53903 HAU_T2	6	40	34	1.22	1	-0.22	-0.21	-0.21	0	0	0	0	0	0
12/14/2023 18:55	59101 WALK_T2	1	4	3	0	0.1	0.1	1.13	1.14	1	1	0	450	450	0
12/14/2023 18:55	46903 MNTG_T2	0	2	2	0	0.1	0.1	0	0	0	0	0	0	0	0
12/14/2023 18:55	62607 ENGL_T1	0	2	2	0	0	0	0	0	0	0	0	0	0	0
12/14/2023 18:55	40502 CRES_T2	11	17	6	0.15	0.25	0.1	-1.63	-1.67	0	0	0	0	0	0
12/14/2023 18:55	53501 EVIL_T2	3	29	26	3.4	0.27	-3.13	-1.5	-1.43	2	2	0	1200	1200	0
12/14/2023 18:56	57403 SPAN_T1	0	2	2	0	0	0	0.19	0.12	0	0	0	0	0	0
12/14/2023 18:56	67401 WAKE_T2	0	0	0	0	0	0	-1.11	-1.11	0	0	0	0	0	0
12/14/2023 18:56	55103 WERT_T1	2	0	-2	2.05	0	-2.05	0	0	0	0	0	0	0	0
12/14/2023 18:56	64101 REFR_T1	0	2	2	0	0	0	-0.01	-0.01	0	0	0	0	0	0
12/14/2023 18:56	53602 DALM_T2	2	13	11	3.45	0	-3.45	0	0	0	0	0	0	0	0
12/14/2023 18:56	52102 MEIS_T1	1	13	12	1.8	0	-1.8	0	0	2	2	0	900	900	0
12/14/2023 18:56	41901 REED_T1	6	5	-1	1.27	0.55	-0.72	0	0	0	0	0	0	0	0
12/14/2023 18:56	62607 ENGL_T1	0	2	2	0	0	0	0	0	0	0	0	0	0	0
12/14/2023 18:56	47901 HRDG_T1	0	0	0	0	0	0	1.78	1.77	0	0	0	0	0	0
12/14/2023 18:57	56802 BENV_T2	3	5	2	0.7	0.1	-0.6	-1.29	-1.22	0	0	0	0	0	0
12/14/2023 18:57	54504 ENOL_T2	0	3	3	0	0	0	0	0	0	0	0	0	0	0
12/14/2023 18:57	40502 CRES_T2	11	17	6	0.15	0.25	0.1	-0.54	-0.56	0	0	0	0	0	0
12/14/2023 18:57	56504 ROCK_T2	4	1	-3	2.4	0	-2.4	0	0	0	0	0	0	0	0
12/14/2023 18:57	54506 ENOL_T2	0	3	3	0	0	0	0	0	0	0	0	0	0	0
12/14/2023 18:57	64801 MONE_T2	1	8	7	5.5	0	-5.5	0	0	0	0	0	0	0	0
12/14/2023 18:57	41902 REED_T1	67	93	26	0.87	0.47	-0.4	1.15	1.12	0	0	0	0	0	0
12/14/2023 18:57	61801 EEU_T2	0	0	0	0	0	0	-0.95	-0.95	1	1	0	600	600	0
12/14/2023 18:58	66703 STRA_T1	6	21	15	2.35	0	-2.35	-0.15	-0.06	0	0	0	0	0	0
12/14/2023 18:58	44801 EDAN_T2	1	1	0	1.6	1.2	-0.4	0	0	0	0	0	0	0	0
12/14/2023 18:58	58402 MORO_T1	1	2	1	3.7	0	-3.7	-0.89	-0.96	3	3	0	2400	2400	0
12/14/2023 18:58	52501 PROG_T1	0	0	0	0	0	0	0.36	0.35	1	1	0	300	300	0
12/14/2023 18:58	56504 ROCK_T2	4	1	-3	2.4	0	-2.4	0	0	0	0	0	0	0	0
12/14/2023 18:59	66703 STRA_T1	6	21	15	2.35	0	-2.35	0	0	0	0	0	0	0	0
12/14/2023 18:59	53903 HAU_T2	6	40	34	1.22	1	-0.22	0	0	0	0	0	0	0	0
12/14/2023 18:59	56802 BENV_T2	3	5	2	0.7	0.1	-0.6	-1.29	-1.22	0	0	0	0	0	0
12/14/2023 18:59	56803 BENV_T1	1	2	1	2.3	0	-2.3	0	0	0	0	0	0	0	0
12/14/2023 18:59	64101 REFR_T1	0	2	2	0	0	0	-0.01	-0.01	0	0	0	0	0	0
12/14/2023 19:00	67201 TEHI_T1	0	1	1	0	0	0	-0.4	-0.49	1	1	0	900	900	0
12/14/2023 19:00	54504 ENOL_T2	1	2	1	1	0	-1	0	0	0	0	0	0	0	0
12/14/2023 19:00	58401 MORO_T1	1	0	-1	0.4	0	-0.4	0	0	0	0	0	0	0	0
12/14/2023 19:00	56802 BENV_T2	1	10	9	2.4	0.15	-2.25	-3.87	-3.67	0	0	0	0	0	0
12/14/2023 19:00	53501 EVIL_T2	13	47	34	2.73	0.1	-2.63	-1.5	-1.43	2	2	0	1200	1200	0
12/14/2023 19:01	56504 ROCK_T2	0	4	4	0	0	0	-0.13	-0.06	0	0	0	0	0	0
12/14/2023 19:01	40101 HUNT_T2	291	351	60	0.93	0.75	-0.18	-0.72	-0.66	0	0	0	0	0	0
12/14/2023 19:01	52102 MEIS_T1	2	20	18	2.3	0	-2.3	0	0	1	1	0	450	450	0
12/14/2023 19:01	59101 WALK_T2	3	4	1	0.1	0.2	0.1	1.13	1.14	1	1	0	450	450	0
12/14/2023 19:01	64101 REFR_T1	1	1	0	0.7	0	-0.7	-0.01	-0.01	0	0	0	0	0	0
12/14/2023 19:02	52202 DEVO_T2	0	0	0	0	0	0	-1.35	-1.34	0	0	0	0	0	0
12/14/2023 19:05	57401 SPAN_T1	0	3	3	0	0	0	-0.62	-0.6	1	1	0	600	600	0
12/14/2023 19:09	56802 BENV_T2	1	10	9	2.4	0.15	-2.25	-1.22	-1.27	0	0	0	0	0	0
12/14/2023 19:14	53903 HAU_T2	5	80	75	1.22	1.05	-0.17	-0.21	-0.21	0	0	0	0	0	0
12/14/2023 19:21	65001 NEFF_T2	10	77	67	0.95	0	-0.95	-0.82	-0.76	1	1	0	1200	1200	0
12/14/2023 19:21	52101 MEIS_T1	1	4	3	0.7	1	0.3	0	0	0	0	0	0	0	0
12/14/2023 19:30	64101 REFR_T1	0	1	1	0	0	0	0.06	0.05	0	0	0	0	0	0
12/14/2023 19:39	57403 SPAN_T1	0	0	0	0	0	0	0.18	0.13	0	0	0	0	0	0
12/14/2023 19:51	50701 SMEC_T1	0	1	1	0	0	0	0.07	0.11	0	0	0	0	0	0
12/14/2023 20:33	65005 NEFF_T2	1	0	-1	1.2	0	-1.2	0	0	0	0	0	0	0	0
12/14/2023 20:40	57403 SPAN_T1	0	0	0	0	0	0	0.14	0.14	0	0	0	0	0	0
12/14/2023 21:31	65001 NEFF_T2	0	0	0	0	0	0	-0.88	-0.92	1	1	0	1200	1200	0
12/14/2023 21:41	65002 NEFF_T2	0	2	2	0	0	0	0	0	0	0	0	0	0	0
12/15/2023 1:22	65001 NEFF_T2	0	0	0	0	0	0	-1.18	-1.16	1	1	0	1200	1200	0
12/15/2023 2:41	65001 NEFF_T2	0	0	0	0	0	0	-1.22	-1.17	1	1	0	1200	1200	0
12/15/2023 3:01	65001 NEFF_T2	0	0	0	0	0	0	-1.17	-1.2	1	1	0	1200	1200	0
12/15/2023 3:42	65001 NEFF_T2	0	0	0	0	0	0	-1.2	-1.16	1	1	0	1200	1200	0
12/15/2023 4:04	65003 NEFF_T2	0	1	1	0	0	0	0	0	0	0	0	0	0	0
12/15/2023 4:15	65003 NEFF_T2	1	0	-1	1.3	0	-1.3	0	0	0	0	0	0	0	0
12/15/2023 5:03	65001 NEFF_T2	0	0	0	0	0	0	-1	-0.97	1	1	0	1200	1200	0
12/15/2023 6:30	65001 NEFF_T2	0	0	0	0	0	0	-0.78	-0.65	1	1	0	1200	1200	0
12/15/2023 7:02	65001 NEFF_T2	0	0	0	0	0	0	-0.51	-0.44	1	1	0	1200	1200	0
12/15/2023 7:18	65004 NEFF_T2	1	0	-1	2.1	0	-2.1	0	0	0	0	0	0	0	0
12/15/2023 7:33	65005 NEFF_T2	0	2	2	0	0	0	0	0	0	0	0	0	0	0
12/15/2023 7:52	43402 BENT_T1	2	2	0	0.4	0.35	-0.05	-1.45	-1.45	2	2	0	1500	1500	0
12/15/2023 7:53	43402 BENT_T1	2	2	0	0.4	0.35	-0.05	-1.45	-1.45	2	2	0	1500	1500	0
12/15/2023 7:53	45501 DERR_T2	14	5	-9	0.62	0.3	-0.32	1.08	1.02	2	2	0	1800	1800	0
12/15/2023 7:54	65002 NEFF_T2	0	1	1	0	0	0	0	0	0	0	0	0	0	0
12/15/2023 7:54	45502 DERR_T2	8	9	1	0.45	0.25	-0.2	0	0	0	0	0	0	0	0
12/15/2023 7:58	40101 HUNT_T2	264	275	11	0.66	0.54	-0.12	-0.6	-0.92	0	0	0	0	0	0
12/15/2023 8:02	46901 MNTG_T2	0	0	0	0	0	0	1.53	1.38	0	0	0	0	0	0
12/15/2023 8:08	43402 BENT_T1	2	2	0	0.35	0.2	-0.15	-1.45	-1.45	2	2	0	1500	1500	0
12/15/2023 8:20	54701 NEBL_T1	0	0	0	0	0	0	0	0	1	1	0	600	600	0
12/15/2023 8:21	54701 NEBL_T1	0	0	0	0	0	0	0	0	1	1	0	600	600	0
12/15/2023 8:37	67103 SPRI_T1	5	7	2	0.94	0	-0.94	-0.02	-0.04	0	0	0	0	0	0
12/15/2023 8:39	67103 SPRI_T1	5	7	2	0.94	0	-0.94	-0.04	-0.08	0	0	0	0	0	0
12/15/2023 8:39	49803 UNIV_T1	0	19	19	0	0.16	0.16	-0.97	-0.89	0	0	0	0	0	0
12/15/2023 8:40	53601 DALM_T2	1	2	1	0.7	0.6	-0.1	-0.91	-0.91	2	2	0	1500	1500	0
12/15/2023 8:47	65005 NEFF_T2	0	1	1	0	0	0	0	0	0	0	0	0	0	0
12/15/2023 8:48	47401 PENS_T1	0	1	1	0	0.3	0.3	-0.4	-0.34	0	0	0	0	0	0
12/15/2023 8:49	47401 PENS_T1	0	1	1	0	0.3	0.3	-0.4	-0.34	0	0	0	0	0	0
12/15/2023 8:49	55002 NEWP_T1	6	7	1	0.75	0.89	0.14	-0.19	-0.18	0	0	0	0	0	0
12/15/2023 8:51	47402 PENS_T1	122	124	2	2.63	2.3	-0.33	0	0	0	0	0	0	0	0
12/15/2023 9:00	50105 HARR_T3	19	10	-9	2.77	6.11	3.34	0	0	0	0	0	0	0	0
12/15/2023 9:00	47403 PENS_T1	1	1	0	0.9	1.4	0.5	0	0	0	0	0	0	0	0
12/15/2023 9:00	43304 WATS_T2	1	1	0	0.4	0	-0.4	-0.33	-0.39	0	0	0	0	0	0
12/15/2023 9:00	53903 HAU_T2	2	2	0	0.6	0.9	0.3	-0.31	-0.23	0	0	0	0	0	0
12/15/2023 9:00	41901 REED_T1	8	12	4	0.45	0.59	0.14	0	0	0	0	0	0	0	0
12/15/2023 9:00	56501 ROCK_T2	438	434	-4	0.51	0.47	-0.04	-2.27	-2.24	0	0	0	0	0	0
12/15/2023 9:00	58402 MORO_T1	0	0	0	0	0	0	-0.96	-0.84	3	3	0	2400	2400	0
12/15/2023 9:00	27502 WEIS_T2	0	0	0	0	0	0	-0.24	-0.25	0	0	0	0	0	0
12/15/2023 9:01	46903 MNTG_T2	0	0	0	0	0	0	0.31	0.09	1	1	0	600	600	0
12/15/2023 9:06	57106 SPHI_T2	3	3	0	1.67	1.87	0.2	0	0	0	0	0	0	0	0
12/15/2023 9:06	57006 WHRI_T2	15	15	0	0.13	0.16	0.03	0	0	0	0	0	0	0	0
12/15/2023 9:07	57403 SPAN_T1	1	5	4	0.2	0.24	0.04	0.22	0.15	0	0	0	0	0	0
12/15/2023 9:07	67503 WEWI_T2	1	6	5	1.8	0	-1.8	0.01	-0.01	0	0	0	0	0	0
12/15/2023 9:07	43402 BENT_T1	1	2	1	0.7	0	-0.7	-1.46	-1.32	2	2	0	1500	1500	0
12/15/2023 9:07	46004 BERW_T2	0	0	0	0	0	0	-0.6	-0.64	0	0	0	0	0	0
12/15/2023 9:07	57006 WHRI_T2	15	15	0	0.13	0.16	0.03	0	0	0	0	0	0	0	0
12/15/2023 9:08	62105 ELAN_T1	1	2	1	1.4	0	-1.4	0	0	0	0	0	0	0	0
12/15/2023 9:08	54502 ENOL_T2	1	3	2	0.5	0.3	-0.2	0	0	0	0	0	0	0	0
12/15/2023 9:08	45502 DERR_T2	1	1	0	0.3	0	-0.3	0	0	0	0	0	0	0	0
12/15/2023 9:09	67105 SPRI_T1	1	12	11	0.1	0	-0.1	0	0	0	0	0	0	0	0
12/15/2023 9:10	43402 BENT_T1	1	2	1	0.7	0	-0.7	-1.32	-1.32	2	2	0	1500

Appendix C - Grid Benefits Achieved in Each Instance of Active Management

12/15/2023 10:03	55002 NEWP_T1	5	9	4	0.94	1.07	0.13	-0.16	-0.17	0	0	0	0	0	0
12/15/2023 10:04	57401 SPAN_T1	46	254	208	0.26	0.31	0.05	-0.92	-0.97	1	1	0	600	600	0
12/15/2023 10:04	67204 TEHI_T2	0	0	0	0	0	0	-0.01	-0.01	0	0	0	0	0	0
12/15/2023 10:04	55002 NEWP_T1	5	9	4	0.94	1.07	0.13	-0.16	-0.17	0	0	0	0	0	0
12/15/2023 10:05	43304 WATS_T2	1	0	-1	0.3	0	-0.3	-0.23	-0.3	0	0	0	0	0	0
12/15/2023 10:05	55002 NEWP_T1	5	9	4	0.94	1.07	0.13	-0.16	-0.17	0	0	0	0	0	0
12/15/2023 10:06	43304 WATS_T2	1	0	-1	0.3	0	-0.3	-0.23	-0.3	0	0	0	0	0	0
12/15/2023 10:06	57401 SPAN_T1	46	254	208	0.26	0.31	0.05	-0.92	-0.97	1	1	0	600	600	0
12/15/2023 10:06	64702 LITI_T2	0	0	0	0	0	0	-0.83	-0.77	0	0	0	0	0	0
12/15/2023 10:07	40504 CRES_T1	6	0	-6	0.1	0	-0.1	-1.66	-0.27	0	0	0	0	0	0
12/15/2023 10:07	67203 TEHI_T1	0	1	1	0	0	0	2.83	2.78	2	2	0	1200	1200	0
12/15/2023 10:07	67204 TEHI_T2	0	0	0	0	0	0	-0.01	-0.01	0	0	0	0	0	0
12/15/2023 10:07	42201 SHEN_T2	0	0	0	0	0	0	-0.2	-0.22	1	1	0	600	600	0
12/15/2023 10:07	67503 WEWI_T2	0	1	1	0	0	0	-0.13	-0.14	0	0	0	0	0	0
12/15/2023 10:07	57403 SPAN_T1	3	28	25	0.2	0.24	0.04	0	0	0	0	0	0	0	0
12/15/2023 10:07	64702 LITI_T2	0	0	0	0	0	0	-0.83	-0.77	0	0	0	0	0	0
12/15/2023 10:08	57403 SPAN_T1	3	28	25	0.2	0.24	0.04	0.16	0.15	0	0	0	0	0	0
12/15/2023 10:08	27502 WEIS_T2	0	0	0	0	0	0	-0.3	-0.35	1	1	0	0	0	0
12/15/2023 10:08	56801 BENV_T1	28	27	-1	0.93	0.89	-0.04	-0.65	-0.67	1	1	0	600	600	0
12/15/2023 10:08	67201 TEHI_T1	0	2	2	0	0	0	1.08	1.07	1	1	0	900	900	0
12/15/2023 10:08	57401 SPAN_T1	46	254	208	0.26	0.31	0.05	-1.84	-1.94	2	2	0	1200	1200	0
12/15/2023 10:08	56802 BENV_T2	12	203	191	0.28	0.32	0.04	-3.71	-3.75	0	0	0	0	0	0
12/15/2023 10:09	20402 ASHF_T2	0	1	1	0	0.3	0.3	0	0	0	0	0	0	0	0
12/15/2023 10:09	44301 BEAV_T2	0	1	1	0	0.1	0.1	0.02	0.08	2	2	0	1500	1500	0
12/15/2023 10:09	43001 ALWD_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/15/2023 10:09	56802 BENV_T2	12	203	191	0.28	0.32	0.04	-2.5	-2.5	0	0	0	0	0	0
12/15/2023 10:10	43304 WATS_T2	1	0	-1	0.3	0	-0.3	-0.3	-0.27	0	0	0	0	0	0
12/15/2023 10:11	50105 HARR_T3	7	8	1	5.96	5.83	-0.13	0	0	0	0	0	0	0	0
12/15/2023 10:11	45501 DERR_T2	0	0	0	0	0	0	0.92	0.87	2	2	0	1800	1800	0
12/15/2023 10:12	56803 BENV_T1	2	3	1	1.05	1	-0.05	0	0	0	0	0	0	0	0
12/15/2023 10:12	62605 ENGL_T1	1	2	1	0.5	0.5	0	0	0	0	0	0	0	0	0
12/15/2023 10:12	20402 ASHF_T2	0	1	1	0	0.3	0.3	0	0	0	0	0	0	0	0
12/15/2023 10:12	56802 BENV_T2	12	203	191	0.28	0.32	0.04	-1.25	-1.25	0	0	0	0	0	0
12/15/2023 10:12	47901 HRDG_T1	0	0	0	0	0	0	0.93	1.15	0	0	0	0	0	0
12/15/2023 10:13	27502 WEIS_T2	0	0	0	0	0	0	-0.35	-0.42	0	0	0	0	0	0
12/15/2023 10:13	62605 ENGL_T1	1	2	1	0.5	0.5	0	0	0	0	0	0	0	0	0
12/15/2023 10:13	53903 HALI_T2	2	3	1	1.5	1.03	-0.47	-0.24	-0.18	0	0	0	0	0	0
12/15/2023 10:13	45501 DERR_T2	0	0	0	0	0	0	0.92	0.87	2	2	0	1800	1800	0
12/15/2023 10:14	62605 ENGL_T1	1	2	1	0.5	0.5	0	0	0	0	0	0	0	0	0
12/15/2023 10:14	56802 BENV_T2	12	203	191	0.28	0.32	0.04	-1.25	-1.25	0	0	0	0	0	0
12/15/2023 10:15	47901 HRDG_T1	0	0	0	0	0	0	0.93	1.15	0	0	0	0	0	0
12/15/2023 10:15	40101 HUNT_T2	32	17	-15	0.57	0.54	-0.03	-0.59	-0.62	0	0	0	0	0	0
12/15/2023 10:15	62605 ENGL_T1	1	2	1	0.4	0.5	0.1	0	0	0	0	0	0	0	0
12/15/2023 10:16	52102 MEIS_T1	0	1	1	0	0.7	0.7	0	0	1	1	0	450	450	0
12/15/2023 10:16	53901 HALI_T2	1	1	0	0.2	0.1	-0.1	0	0	0	0	0	0	0	0
12/15/2023 10:17	40101 HUNT_T2	32	17	-15	0.57	0.54	-0.03	-0.59	-0.62	0	0	0	0	0	0
12/15/2023 10:18	52102 MEIS_T1	0	1	1	0	0.7	0.7	0	0	1	1	0	450	450	0
12/15/2023 10:18	54206 PENN_T2	0	1	1	0	0.1	0.1	0.05	0	0	0	0	0	0	0
12/15/2023 10:18	47403 PENS_T1	1	4	3	1.3	0.63	-0.67	0	0	0	0	0	0	0	0
12/15/2023 10:19	56501 ROCK_T2	163	2	-161	0.19	1.75	1.56	-1.72	-0.86	0	0	0	0	0	0
12/15/2023 10:19	47403 PENS_T1	1	4	3	1.3	0.63	-0.67	0	0	0	0	0	0	0	0
12/15/2023 10:20	59102 WALK_T2	0	3	3	0	0.13	0.13	0	0	0	0	0	0	0	0
12/15/2023 10:20	47402 PENS_T1	120	120	0	3.3	3.93	0.63	0	0	0	0	0	0	0	0
12/15/2023 10:20	57401 SPAN_T1	177	262	85	0.3	0.32	0.02	-1.94	-2.04	2	2	0	1200	1200	0
12/15/2023 10:20	40502 CRES_T2	15	18	3	0.15	0.29	0.14	-0.13	-0.14	0	0	0	0	0	0
12/15/2023 10:21	65002 NEFF_T2	0	2	2	0	0	0	0	0	0	0	0	0	0	0
12/15/2023 10:21	64802 MONE_T2	53	59	6	0.3	0.33	0.03	0.16	0.18	0	0	0	0	0	0
12/15/2023 10:21	54203 PENN_T1	387	402	15	0.38	0.4	0.02	0.11	0.14	0	0	0	0	0	0
12/15/2023 10:21	59101 WALK_T2	1	3	2	0	0.1	0.1	0	0	0	0	0	0	0	0
12/15/2023 10:21	40502 CRES_T2	15	18	3	0.15	0.29	0.14	-0.13	-0.14	0	0	0	0	0	0
12/15/2023 10:22	67502 WEWI_T2	1	4	3	0.9	0.47	-0.43	-0.23	-0.21	0	0	0	0	0	0
12/15/2023 10:23	56501 ROCK_T2	163	2	-161	0.19	1.75	1.56	-1.72	-0.86	0	0	0	0	0	0
12/15/2023 10:23	67503 WEWI_T2	1	1	0	0.8	0	-0.8	0	0	0	0	0	0	0	0
12/15/2023 10:23	40502 CRES_T2	15	18	3	0.15	0.29	0.14	-0.13	-0.14	0	0	0	0	0	0
12/15/2023 10:23	43001 ALWD_T1	0	1	1	0	0.3	0.3	0	0	0	0	0	0	0	0
12/15/2023 10:24	57403 SPAN_T1	18	31	13	0.25	0.25	0	0.35	0.31	0	0	0	0	0	0
12/15/2023 10:24	10805 CHHI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/15/2023 10:24	27502 WEIS_T2	0	0	0	0	0	0	-0.42	-0.39	0	0	0	0	0	0
12/15/2023 10:25	53501 EVIL_T2	9	5	-4	0.77	0.58	-0.19	0	0	0	0	0	0	0	0
12/15/2023 10:26	67502 WEWI_T2	1	4	3	0.9	0.47	-0.43	-0.21	-0.27	0	0	0	0	0	0
12/15/2023 10:26	67503 WEWI_T2	1	1	0	0.8	0	-0.8	-0.17	-0.27	0	0	0	0	0	0
12/15/2023 10:27	10805 CHHI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/15/2023 10:29	53502 EVIL_T2	0	0	0	0	0	0	-0.02	0.2	1	1	0	600	600	0
12/15/2023 10:29	27502 WEIS_T2	0	0	0	0	0	0	-0.42	-0.39	0	0	0	0	0	0
12/15/2023 10:30	53501 EVIL_T2	5	9	4	0.5	0.66	0.16	0	0	0	0	0	0	0	0
12/15/2023 10:31	46903 MNTG_T2	1	3	2	0.5	0.4	-0.1	0.36	0.34	1	1	0	600	600	0
12/15/2023 10:32	47403 PENS_T1	1	4	3	1.5	0.68	-0.82	0	0	0	0	0	0	0	0
12/15/2023 10:33	47403 PENS_T1	1	4	3	1.5	0.68	-0.82	0	0	0	0	0	0	0	0
12/15/2023 10:34	47401 PENS_T1	5	18	13	0.38	0.24	-0.14	-0.36	-0.37	0	0	0	0	0	0
12/15/2023 10:34	54701 NEBL_T1	1	3	2	0.1	0.43	0.33	0	0	1	1	0	600	600	0
12/15/2023 10:34	52101 MEIS_T1	1	1	0	0.4	1	0.6	0	0	0	0	0	0	0	0
12/15/2023 10:34	64101 REFR_T1	2	1	-1	0.1	0.3	0.2	-0.09	-0.1	0	0	0	0	0	0
12/15/2023 10:35	64101 REFR_T1	2	1	-1	0.1	0.3	0.2	-0.09	-0.1	0	0	0	0	0	0
12/15/2023 10:36	46903 MNTG_T2	1	3	2	0.5	0.4	-0.1	0.36	0.34	1	1	0	600	600	0
12/15/2023 10:36	57403 SPAN_T1	22	26	4	0.22	0.26	0.04	0	0	0	0	0	0	0	0
12/15/2023 10:37	54203 PENN_T1	398	363	-35	0.4	0.33	-0.07	0	0	0	0	0	0	0	0
12/15/2023 10:37	64101 REFR_T1	2	1	-1	0.1	0.3	0.2	-0.09	-0.1	0	0	0	0	0	0
12/15/2023 10:38	43302 WATS_T2	0	4	4	0	0.15	0.15	0	0	0	0	0	0	0	0
12/15/2023 10:38	65904 SAKR_T2	1	2	1	2.2	0	-2.2	0	0	0	0	0	0	0	0
12/15/2023 10:38	67001 STHI_T2	310	226	-84	0.16	0.14	-0.02	0	0	0	0	0	0	0	0
12/15/2023 10:38	64101 REFR_T1	2	1	-1	0.1	0.3	0.2	-0.28	-0.29	0	0	0	0	0	0
12/15/2023 10:38	16302 ALPA_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/15/2023 10:38	43301 WATS_T2	0	2	2	0	0.3	0.3	-1.33	-1.32	2	2	0	1800	1800	0
12/15/2023 10:39	43302 WATS_T2	0	4	4	0	0.15	0.15	0	0	0	0	0	0	0	0
12/15/2023 10:39	43304 WATS_T2	0	0	0	0	0	0	-0.26	-0.31	0	0	0	0	0	0
12/15/2023 10:39	44301 BEAV_T2	0	1	1	0	0.3	0.3	0.08	-0.57	2	2	0	1500	1500	0
12/15/2023 10:39	27502 WEIS_T2	0	0	0	0	0	0	-0.39	-0.4	0	0	0	0	0	0
12/15/2023 10:40	43301 WATS_T2	0	2	2	0	0.3	0.3	-0.67	-0.66	1	1	0	900	900	0
12/15/2023 10:40	65002 NEFF_T2	0	9	9	0	0.1	0.1	0	0	0	0	0	0	0	0
12/15/2023 10:40	56802 BENV_T2	199	248	49	0.32	0.4	0.08	-1.22	-1.24	0	0	0	0	0	0
12/15/2023 10:41	56802 BENV_T2	199	248	49	0.32	0.4	0.08	-1.22	-1.24	0	0	0	0	0	0
12/15/2023 10:41	60201 ATGL_T2	0	0	0	0	0	0	0.23	0.25	1	1	0	300	300	0
12/15/2023 10:42	17802 GILB_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/15/2023 10:42	56802 BENV_T2	199	248	49	0.32	0.4	0.08	-3.67	-3.73	0	0	0	0	0	0
12/15/2023 10:43	47002 HUGH_T2	2	2	0	0.15	0.1	-0.05	0	0	0	0	0	0	0	0
12/15/2023 10:44	27502 WEIS_T2	0	0	0	0	0	0	-0.39	-0.4	0	0	0	0	0	0
12/15/2023 10:45	46803 HEPB_T2	1	2	1	0.3	0.3	0	0	0	0	0	0	0	0	0
12/15/2023 10:47	42903 MIDD_T2	1	3	2	0.1	0.4	0.3	0	0	0	0	0	0	0	0
12/15/2023 10:47	26401 INOR_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/15/2023 10:47	59001 MIFF_T1	0	12	12	0	0.13	0.13	0	0	0	0	0	0	0	0
12/15/2023 10:47	65503 MOJO_T2	0	1	1	0	0.1	0.1	-1.28	-1.28	1	1	0	900	900	0
12/15/2023 10:48	65004 NEFF_T2	0	1	1	0	0	0	0	0	0	0	0	0	0	0
12/15/2023 10:48	42802 SELI_T1	0	2	2	0	0	0	-2.06	-2.09	1	1	0	900	900	0
12/15/2023 10:48	59002 MIFF_T1	1	5	4	0.1	0.18	0.08	0	0	0	0	0	0	0	0
12/15/2023 10:50	42802 SELI_T1	0	2	2	0	0	0	-2.06	-2.09	1	1	0	900	900	0
12/15/2023 10:50	56501 ROCK_T2	2	2	0	1.9	0.6	-1.3	0	0	0	0	0	0	0	0
12/15/2023 10:51	59102 WALK_T2	1	5	4	0.2	0.2	0	0	0	0	0	0	0	0	0
12/15/2023 10:51	65503 MOJO_T2	0	1	1	0	0.1	0.1	-1.28	-1.28	1	1	0	900	900	0
12/15/2023 10:51	57402 SPAN_T2	279	294	15	0.28	0.3	0.02	0	0	0	0	0	0	0	0
12/15/2023 10:52	42801 SELI_T1	1	1	0	0	0	0	0	0	0	0	0	0	0	0
12/15/2023 10:52	59101 WALK_T2	1	2	1	0	0.1	0.1	1.83	1.64	0	0	0	0	0	0
12/15/2023 10:52	67503 WEWI_T2	1	1	0	1.7	0	-1.7	-0.27	-0.31	0	0	0	0	0	0
12/15/2023 10:52	27502 WEIS_T2	0	0	0	0	0	0	-0.39	-0.4	0	0	0	0	0	0
12/15/2023 10:52	46003 BERW_T2	1	1	0	1.1	1.4	0.3	0	0	0	0	0	0	0	0
12/15/2023 10:53	57404 SPAN_T2	0	1	1	0	0	0	0.35	0.4	1	1	0	1200	1200	0
12/15/2023 10:53	55101 WERT_T1	0	1	1	0	0	0	0	0	0	0	0	0	0	0
12/15/2023 10:54	57402 SPAN_T2	279	294	15	0.28	0.3	0.02	-1.21	-1.2	0	0	0	0	0	0
12/15/2023 10:55	45402 WBLO_T2	2	2	0	0.7	0.8	0.1	-0.6	-0.61	0	0	0	0	0	0
12/15/2023 10:55	51109 CARL_T1	4	4	0	1.33	0	-1.33	0	0	0	0	0	0	0	0
12/15/2023 10:55	27502 WEIS_T2	0	0	0	0	0	0	-0.4	-0.39	0	0	0	0	0	0
12/15/2023 10:56	51107 CARL_T1	0	1	1	0	0	0	0.29	0.11	0	0	0	0	0	0
12/15/2023 10:58	61801 EELI_T2	1	2	1	0.4	0.4	0	-0.36	-0.34	0	0	0	0	0	0
12/15/2023 11:00	27502 WEIS_T2	0	0	0	0	0	0	-0.4	-0.39	0	0	0	0	0	0
12/15/2023 11:01	42901 MIDD_T2	1	0	-1	2.7	0	-2.7	0	0	0	0	0	0	0	0
12/15/2023 11:02	42901 MIDD_T2	1	0	-1	2.7	0	-2.7	0	0	0	0	0	0	0	0
12/15/2023 11:02	42801 SELI_T1	1	1	0	0	0	0	0	0	0	0	0	0	0	0
12/15/2023 11:02	52102 MEIS_T1	3	3	0	2.07	1	-1.07	0	0	1	1	0	450	450	0
12/15/2023 11:03	59302 MCAL_T1	2	0	-2	0.35	0	-0.35	-0.44	-0.17	1	1	0	600	600	0
12/15/2023 11:03	42801 SELI_T1	1	1	0	0	0	0	0	0	0	0	0	0	0	0
12/15/2023 11:04	52004 LING_T2	2	4	2	0.6	0.6	0	0.24	0.24	0	0	0	0	0	0
12/15/2023 11:04	52501 PROG_T1	2	0	-2	0.45	0	-0.45	0.34	0.32	1	1	0	300	300	0
12/15/2023 11:05	55002 NEWP_T1	9	11	2	1.36	1.04	-0.32	-0.17	-0.17	0	0	0	0	0	0
12/15/2023 11:05	57401 SPAN_T1	35	8	-27	0.25	0.4	0.15	0	0	0	0	0	0	0	0
12/15/2023 11:05	64101 REFR_T1	1	1	0	0.3	0.4	0.1	-0.21	-0.17	0	0	0	0	0	0
12/15/2023 11:06	42801 SELI_T1	1	1	0	0	0	0	0	0	0	0	0	0	0	0
12/15/2023 11:06	57401 SPAN_T1	35	8	-27	0.25	0.4	0.15	0	0	0	0	0	0	0	0
12/15/2023 11:06	44601 SALE_T2	0	1	1	0	0.1	0.1	0.25	0.13	0	0	0	0	0	0
12/15/2023 11:07	57403 SPAN_T1	11	10	-1	0.29	0.3	0.01	0.14	0.13	0	0	0	0	0	0
12/15/2023 11:08	57403 SPAN_T1	11	10	-1	0.29	0.3	0.01	0.29	0.26	0	0	0	0	0	0
12/15/2023 11:08	46004 BERW_T2	0	0	0	0	0	0	-0.68	-0.69	0	0	0	0	0	0
12/15/2023 11:10	43301 WATS_T2	2	0	-2	0.3	0	-0.3	0	0	0	0	0	0	0	0
12/15/2023 11:10	61801 EELI_T2	2	1	-1	0.4	0.5	0.1	-0.68	-0.73	0	0	0	0	0	0
12/15/2023 11:10	29402 BELT_T1	3	3	0	2.73	2.9	0.17	0	0	0	0	0	0	0	0
12/15/2023 11:10	60803 BUCK_T1	2	4	2	0.3	0.33	0.03	-1.7	-1.74	2	2	0	1200	1200	0
12/15/2023 11:11	42503 ALTA_T2	0	0	0	0	0	0	-0.44	-0.44	0	0	0	0	0	0
12/15/2023 11:11	44801 EDAN_T2	1	0	-1	0.1	0	-0.1	0	0	0	0	0	0	0	0
12/15/2023 11:12	44801 EDAN_T2	1	0	-1	0.1	0	-0.1	0	0	0	0	0	0	0	0
12/15/2023 11:15	46903 MNTG_T2	1	15	14	0.2	0.36	0.16	0	0	0	0	0	0	0	0
12/15/2023 11:15	40101 HUNT_T2	2	19	17	2.6	0	-2.6	-0.61	-0.71	0	0	0	0	0	0
12/15/2023 11:15	41801 GOCI_T2	2	6	4	0.75	0.42	-0.33	0	0	0	0	0	0	0	0
12/15/2023 11:17	58402 MORO_T1	0	0	0	0	0	0	-0.14	-0.13	2	2	0	1500	1500	0
12/15/2023 11:17	64801 MONE_T2	23	54	31	0.2	0.24	0.04	0.38	0.36	0	0	0	0	0	0
12/15/2023 11:18	58401 MORO_T1	1	7	6	0.2	0.1	-0.1	0	0	0	0	0	0	0	0
12/15/2023 11:19	52102 MEIS_T1	3	1	-2	2.17	1.2	-0.97	0	0	1	1	0	450	450	0
12/15/2023 11:20	43302 WATS_T2	4	4	0	0.2	0.53	0.33	0	0	0	0	0	0	0	0
12/15/2023 11:21	66703 STRA_T1	9	2	-7	0.34	0.1	-0.24	0	0	0	0	0	0	0	0
12/15/2023 11:21	67401 WAKE_T2	1	17	16	0.3	0.14	-0.16	-1.06	-1.1	0	0	0	0	0	0
12/15/2023 11:22	56501 ROCK_T2	1	1	0	1	1	0	0	0	0	0	0	0	0	0
12/15/2023 11:22	43304 WATS_T2	0	0	0	0	0	0	-0.58	-0.57	0	0	0	0	0	0
12/15/2023 11:22	43402 BENT_T1	3	3	0	0.47	0.77	0.3	-1.28	-1.29	2	2	0	1500	1500	0
12/15/2023 11:22	60201 ATGL_T2	1	2	1	0.1	0.35	0.25	0.11	0.11	1	1	0	300	300	0
12/15/2023 11:23	56504 ROCK_T2	0	1	1	0	0.1	0.1	-0.17	-0.14	0	0	0	0	0	0
12/15/2023 11:24	46003 BERW_T2	1	1	0	1.4	1	-0.4	0	0	0	0	0	0	0	0
12/15/2023 11:25	67502 WEWI_T2	4	7	3	0.55	0.44	-0.11	0	0	0	0	0	0	0	0
12/15/2023 11:26	60201 ATGL_T2	1	2	1	0.1	0.35	0.25	0.11	0.06	1	1	0	300	300	0
12/15/2023 11:28	65004 NEFF_T2	1	0	-1	0.4	0	-0.4	0	0	0	0	0	0	0	0
12/15/2023 11:32	42902 MIDD_T2	1	4	3	0.8	0.4	-0.4	0	0	0	0	0	0	0	0

12/15/2023 11:55	57005 WHHI_T2	1	1	0	0.2	0.2	0	0	0	0	0	0	0	0	0
12/15/2023 11:55	43301 WATS_T2	3	2	-1	0.17	0.1	-0.07	-0.69	-0.72	1	1	0	900	900	0
12/15/2023 11:55	57106 SPHI_T2	3	3	0	1.63	1.67	0.04	0	0	0	0	0	0	0	0
12/15/2023 11:55	65001 NEFF_T2	1	6	5	0.2	0.17	-0.03	-0.57	-0.72	1	1	0	1200	1200	0
12/15/2023 11:56	43402 BENT_T1	3	3	0	0.7	0.93	0.23	-2.57	-2.58	4	4	0	3000	3000	0
12/15/2023 12:03	64101 REFR_T1	2	1	-1	0.55	0.8	0.25	-0.08	-0.13	0	0	0	0	0	0
12/15/2023 12:04	54701 NEBL_T1	0	0	0	0	0	0	0	0	1	1	0	600	600	0
12/15/2023 12:04	50701 SMEC_T1	8	11	3	0.43	0.56	0.13	0.08	0.19	0	0	0	0	0	0
12/15/2023 12:05	64101 REFR_T1	2	1	-1	0.55	0.8	0.25	-0.15	-0.25	0	0	0	0	0	0
12/15/2023 12:06	43302 WATS_T2	4	0	-4	0.18	0	-0.18	0	0	0	0	0	0	0	0
12/15/2023 12:07	43301 WATS_T2	2	2	0	0.1	0.25	0.15	-1.38	-1.44	2	2	0	1800	1800	0
12/15/2023 12:07	64101 REFR_T1	2	1	-1	0.55	0.8	0.25	-0.08	-0.13	0	0	0	0	0	0
12/15/2023 12:07	43302 WATS_T2	4	0	-4	0.18	0	-0.18	0	0	0	0	0	0	0	0
12/15/2023 12:08	43302 WATS_T2	4	0	-4	0.18	0	-0.18	0	0	0	0	0	0	0	0
12/15/2023 12:08	43302 WATS_T2	4	0	-4	0.18	0	-0.18	0	0	0	0	0	0	0	0
12/15/2023 12:08	50701 SMEC_T1	8	11	3	0.43	0.56	0.13	0.08	0.19	0	0	0	0	0	0
12/15/2023 12:08	64101 REFR_T1	2	1	-1	0.55	0.8	0.25	-0.08	-0.13	0	0	0	0	0	0
12/15/2023 12:09	43304 WATS_T2	0	0	0	0	0	0	-0.71	-0.75	0	0	0	0	0	0
12/15/2023 12:09	50701 SMEC_T1	8	11	3	0.43	0.56	0.13	0.19	0.12	0	0	0	0	0	0
12/15/2023 12:09	43302 WATS_T2	4	0	-4	0.18	0	-0.18	0	0	0	0	0	0	0	0
12/15/2023 12:09	60201 ATGL_T2	0	0	0	0	0	0	0.38	0.3	0	0	0	0	0	0
12/15/2023 12:10	57104 SPHI_T2	1	5	4	0.8	0.37	-0.43	0	0	0	0	0	0	0	0
12/15/2023 12:10	57001 WHHI_T2	0	1	1	0	0	0	0	0	0	0	0	0	0	0
12/15/2023 12:12	67002 STHI_T2	111	350	239	0.22	0.24	0.02	0.66	0.64	0	0	0	0	0	0
12/15/2023 12:15	42401 GIMA_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/15/2023 12:15	59001 MIFF_T1	29	20	-9	0.25	0.17	-0.08	0	0	0	0	0	0	0	0
12/15/2023 12:15	50501 MECH_T1	4	4	0	1.6	0.95	-0.65	0	0	0	0	0	0	0	0
12/15/2023 12:16	50501 MECH_T1	4	4	0	1.6	0.95	-0.65	0	0	0	0	0	0	0	0
12/15/2023 12:17	50506 MECH_T1	3	5	2	0.13	0.23	0.1	0.6	0.62	0	0	0	0	0	0
12/15/2023 12:17	59001 MIFF_T1	29	20	-9	0.25	0.17	-0.08	0	0	0	0	0	0	0	0
12/15/2023 12:18	50505 MECH_T1	1	1	0	0.3	0.2	-0.1	0	0	0	0	0	0	0	0
12/15/2023 12:20	50503 MECH_T1	4	5	1	0.23	0.15	-0.08	0	0	0	0	0	0	0	0
12/15/2023 12:24	67001 STHI_T2	567	600	33	0.24	0.31	0.07	0	0	0	0	0	0	0	0
12/15/2023 12:24	66703 STRA_T1	8	3	-5	0.29	0.17	-0.12	0	0	0	0	0	0	0	0
12/15/2023 12:25	61101 BERK_T5	0	5	5	0	0.1	0.1	0	0	0	0	0	0	0	0
12/15/2023 12:25	66701 STRA_T1	4	3	-1	1.03	1.9	0.87	0	0	0	0	0	0	0	0
12/15/2023 12:27	41502 FAIR_T2	0	0	0	0	0	0	-1.65	-1.63	1	1	0	900	900	0
12/15/2023 12:28	43301 WATS_T2	1	2	1	0.1	0.25	0.15	0	0	0	0	0	0	0	0
12/15/2023 12:29	43301 WATS_T2	1	2	1	0.1	0.25	0.15	0	0	0	0	0	0	0	0
12/15/2023 12:31	39601 LNFD_T1	0	5	5	0	0	0	0	0	0	0	0	0	0	0
12/15/2023 12:31	42902 MIDD_T2	5	1	-4	0.58	0	-0.58	0	0	0	0	0	0	0	0
12/15/2023 12:33	54202 PENN_T2	0	0	0	0	0	0	0.68	0.82	0	0	0	0	0	0
12/15/2023 12:35	65002 NEFF_T2	9	20	11	0.17	0.16	-0.01	0	0	0	0	0	0	0	0
12/15/2023 12:36	65004 NEFF_T2	0	1	1	0	0.1	0.1	0	0	0	0	0	0	0	0
12/15/2023 12:45	53901 HAU_T2	0	1	1	0	0.3	0.3	0	0	0	0	0	0	0	0
12/15/2023 12:50	64101 REFR_T1	1	2	1	0.6	0.45	-0.15	-0.13	-0.14	0	0	0	0	0	0
12/15/2023 12:50	13302 ORVI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/15/2023 12:51	13302 ORVI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/15/2023 12:51	65005 NEFF_T2	1	1	0	0.6	0.5	-0.1	0	0	0	0	0	0	0	0
12/15/2023 12:51	64802 MONE_T2	39	47	8	0.28	0.26	-0.02	0	0	0	0	0	0	0	0
12/15/2023 12:52	64101 REFR_T1	1	2	1	0.6	0.45	-0.15	-0.25	-0.28	0	0	0	0	0	0
12/15/2023 12:56	61102 BERK_T5	5	5	0	1.3	0	-1.3	0	0	0	0	0	0	0	0
12/15/2023 13:06	43301 WATS_T2	1	1	0	0.3	0.4	0.1	2.97	2.92	4	4	0	3600	3600	0
12/15/2023 13:08	43302 WATS_T2	0	3	3	0	0.1	0.1	0	0	0	0	0	0	0	0
12/15/2023 13:10	43304 WATS_T2	0	0	0	0	0	0	-1.06	-0.92	0	0	0	0	0	0
12/15/2023 13:10	43302 WATS_T2	0	3	3	0	0.1	0.1	0	0	0	0	0	0	0	0
12/15/2023 13:16	50503 MECH_T1	6	5	-1	0.18	0.24	0.06	0	0	0	0	0	0	0	0
12/15/2023 13:22	62604 ENGL_T1	0	0	0	0	0	0	-0.46	-0.49	1	1	0	600	600	0
12/15/2023 13:24	67002 STHI_T2	228	285	57	0.21	0.2	-0.01	0	0	0	0	0	0	0	0
12/15/2023 13:29	54504 ENOL_T2	0	0	0	0	0	0	-0.43	-0.44	0	0	0	0	0	0
12/15/2023 13:29	54501 ENOL_T2	0	4	4	0	0.2	0.2	0	0	0	0	0	0	0	0
12/15/2023 13:29	41502 FAIR_T2	0	0	0	0	0	0	-1.67	-1.68	1	1	0	900	900	0
12/15/2023 13:37	54204 PENN_T2	2	3	1	0.25	0.4	0.15	0	0	0	0	0	0	0	0
12/15/2023 13:39	58003 WCAR_T1	1	1	0	1.1	1.2	0.1	0	0	1	1	0	600	600	0
12/15/2023 13:41	58003 WCAR_T1	1	1	0	1.1	1.2	0.1	0	0	1	1	0	600	600	0
12/15/2023 13:43	54502 ENOL_T2	2	1	-1	0.35	0.3	-0.05	0	0	0	0	0	0	0	0
12/15/2023 13:47	54502 ENOL_T2	1	1	0	0.3	0.2	-0.1	0	0	0	0	0	0	0	0
12/15/2023 13:49	60502 NMAN_T2	4	6	2	0.38	0.48	0.1	-0.35	-0.42	0	0	0	0	0	0
12/15/2023 13:52	54502 ENOL_T2	1	1	0	0.3	0.2	-0.1	-1.41	-1.43	0	0	0	0	0	0
12/15/2023 13:53	65003 NEFF_T2	97	163	66	0.17	0.24	0.07	0	0	0	0	0	0	0	0
12/15/2023 13:54	28604 BLYT_T2	0	0	0	0	0	0	-1.49	-1.48	0	0	0	0	0	0
12/15/2023 14:02	46101 MACI_T2	0	0	0	0	0	0.1	-0.06	1	1	0	1200	1200	0	
12/15/2023 14:03	54204 PENN_T2	3	3	0	0.4	0.4	0	0	0	0	0	0	0	0	0
12/15/2023 14:05	50501 MECH_T1	5	4	-1	1.16	1.65	0.49	0	0	0	0	0	0	0	0
12/15/2023 14:07	46001 BERW_T1	0	0	0	0	0	0	1	1.03	0	0	0	0	0	0
12/15/2023 14:09	67201 TEHI_T1	0	1	1	0	0	0	0.94	0.96	1	1	0	900	900	0
12/15/2023 14:09	67203 TEHI_T1	0	0	0	0	0	0	1.69	1.5	2	2	0	1200	1200	0
12/15/2023 14:10	46004 BERW_T2	1	1	0	0.3	0.3	0	-0.76	-0.77	0	0	0	0	0	0
12/15/2023 14:11	46001 BERW_T1	0	0	0	0	0	0	1.03	0.99	0	0	0	0	0	0
12/15/2023 14:12	46004 BERW_T2	1	1	0	0.3	0.3	0	-0.76	-0.77	0	0	0	0	0	0
12/15/2023 14:16	63401 HONY_T1	1	0	-1	1.2	0	-1.2	0.96	0.82	0	0	0	0	0	0
12/15/2023 14:17	65503 MOJO_T2	0	0	0	0	0	0	-0.42	-0.43	0	0	0	0	0	0
12/15/2023 14:17	54505 ENOL_T2	1	1	0	0.8	1	0.2	-1.41	-1.39	1	1	0	600	600	0
12/15/2023 14:18	64303 LINC_T1	2	9	7	1.25	0	-1.25	0	0	0	0	0	0	0	0
12/15/2023 14:23	46004 BERW_T2	1	2	1	0.1	0.2	0.1	-0.77	-0.79	0	0	0	0	0	0
12/15/2023 14:23	46001 BERW_T1	0	0	0	0	0	0	0.99	1	0	0	0	0	0	0
12/15/2023 14:24	67002 STHI_T2	376	460	84	0.25	0.29	0.04	0.62	0.59	0	0	0	0	0	0
12/15/2023 14:25	59101 WALK_T2	1	1	0	0	0	0	1.58	1.44	0	0	0	0	0	0
12/15/2023 14:26	28602 BLYT_T2	0	1	1	0	0	0	0	0	0	0	0	0	0	0
12/15/2023 14:30	41801 GOCI_T2	1	1	0	0.5	0.2	-0.3	0	0	0	0	0	0	0	0
12/15/2023 14:30	42001 MNVL_T2	36	10	-26	0.14	0.14	0	-0.01	0	0	0	0	0	0	0
12/15/2023 14:30	58401 MORO_T1	1	7	6	1.9	0	-1.9	-1.08	-1.07	1	1	0	600	600	0
12/15/2023 14:31	58402 MORO_T1	0	0	0	0	0	0	-0.06	-0.08	2	2	0	1500	1500	0
12/15/2023 14:31	58401 MORO_T1	1	7	6	1.9	0	-1.9	-1.08	-1.07	1	1	0	600	600	0
12/15/2023 14:32	58402 MORO_T1	0	0	0	0	0	0	-0.06	-0.08	2	2	0	1500	1500	0
12/15/2023 14:32	63404 HONY_T1	3	3	0	4.93	4.83	-0.1	0	0	0	0	0	0	0	0
12/15/2023 14:34	58401 MORO_T1	1	7	6	1.9	0	-1.9	-2.16	-2.14	2	2	0	1200	1200	0
12/15/2023 14:34	58401 MORO_T1	1	7	6	1.9	0	-1.9	-2.16	-2.14	2	2	0	1200	1200	0
12/15/2023 14:34	47802 MOCA_T2	0	0	0	0	0	0	-0.94	-1	0	0	0	0	0	0
12/15/2023 14:35	58401 MORO_T1	1	7	6	1.9	0	-1.9	-1.08	-1.07	1	1	0	600	600	0
12/15/2023 14:35	67203 TEHI_T1	0	2	2	0	0	0	1.5	2.14	1	1	0	600	600	0
12/15/2023 14:35	59001 MIFF_T1	11	14	3	0.15	0.19	0.04	0	0	0	0	0	0	0	0
12/15/2023 14:36	59101 WALK_T2	1	1	0	0	0	0	1.58	1.44	0	0	0	0	0	0
12/15/2023 14:36	65004 NEFF_T2	28	69	41	0.11	0.11	0	0	0	0	0	0	0	0	0
12/15/2023 14:36	58401 MORO_T1	1	7	6	1.9	0	-1.9	-1.08	-1.07	1	1	0	600	600	0
12/15/2023 14:37	67303 WYOM_T2	3	14	11	0.67	0.12	-0.55	-0.27	-0.27	0	0	0	0	0	0
12/15/2023 14:37	50701 SMEC_T1	2	10	8	0.65	0.19	-0.46	0.06	0.09	0	0	0	0	0	0
12/15/2023 14:38	56802 BENV_T2	229	393	164	0.35	0.27	-0.08	-2.81	-2.79	0	0	0	0	0	0
12/15/2023 14:39	46001 BERW_T1	0	0	0	0	0	0	1	0.99	0	0	0	0	0	0
12/15/2023 14:40	45402 WILD_T2	20	32	12	0.19	0.19	0	-0.68	-0.7	0	0	0	0	0	0
12/15/2023 14:40	46001 BERW_T1	0	0	0	0	0	0	2.01	1.99	0	0	0	0	0	0
12/15/2023 14:40	28604 BLYT_T2	0	0	0	0	0	0	-1.5	-1.47	0	0	0	0	0	0
12/15/2023 14:41	60201 ATGL_T2	0	0	0	0	0	0	0.45	0.39	0	0	0	0	0	0
12/15/2023 14:43	61301 EARL_T1	1	4	3	0.7	0	-0.7	-0.45	-0.48	1	1	0	900	900	0
12/15/2023 14:44	52002 LING_T2	1	1	0	1.2	1.1	-0.1	0	0	0	0	0	0	0	0
12/15/2023 14:44	56504 ROCK_T2	1	4	3	0.2	0.27	0.07	-0.26	-0.25	0	0	0	0	0	0
12/15/2023 14:46	53902 HAU_T2	0	0	0	0	0	0	-0.92	-0.94	0	0	0	0	0	0
12/15/2023 14:48	40902 JESH_T1	1	10	9	0.1	0.12	0.02	-0.69	-0.71	0	0	0	0	0	0
12/15/2023 14:48	58401 MORO_T1	3	5	2	1.2	0	-1.2	0	0	0	0	0	0	0	0
12/15/2023 14:48	52101 MEIS_T1	2	1	-1	1.15	1.5	0.35	0	0	0	0	0	0	0	0
12/15/2023 14:49	58402 MORO_T1	0	0	0	0	0	0	-0.08	-0.08	2	2	0	1500	1500	0
12/15/2023 14:49	42001 MNVL_T2	10	1	-9	0.14	0.1	-0.04	0	0.01	0	0	0	0	0	0
12/15/2023 14:50	50701 SMEC_T1	8	4	-4	0.15	0.35	0.2	0.09	0.1	0	0	0	0	0	0
12/15/2023 14:51	59102 WALK_T2	1	1	0	0.4	0.2	-0.2	0.25	0.27	0	0	0	0	0	0
12/15/2023 14:51	59101 WALK_T2	1	1	0	0	0	0	1.44	0.94	0	0	0	0	0	0
12/15/2023 14:52	42601 TUSC_T1	9	10	1	6.87	7.58	0.71	-0.18	-0.16	2	2	0	1800	1800	0
12/15/2023 14:52	65003 NEFF_T2	193	134	-59	0.26	0.22	-0.04	0	0	0	0	0	0	0	0
12/15/2023 14:52	46004 BERW_T2	2	9	7	0.1	0.18	0.08	-0.79	-0.79	0	0	0	0	0	0
12/15/2023 14:52	59101 WALK_T2	1	1	0	0	0	0	1.44	0.94	0	0	0	0	0	0
12/15/2023 14:54	43402 BENT_T1	1	0	-1	0.4	0	-0.4	-0.7	-0.69	1	1	0	900	900	0
12/15/2023 14:55	59102 WALK_T2	1	1	0	0.4	0.2	-0.2	0	0	0	0	0	0	0	0
12/15/2023 14:56	60801 BUCK_T1	4	5	1	0.1	0.1	0	-0.17	-0.19	0	0	0	0	0	0
12/15/2023 14:56	61306 EARL_T1	1	1	0	0.1	0	-0.1	0	0	0	0	0	0	0	0
12/15/2023 14:56	62607 ENGL_T1	0	0	0	0	0	0	-0.77	-0.76	0	0	0	0	0	0
12/15/2023 14:57	61306 EARL_T1	1	1	0	0.1	0	-0.1	0	0	0	0	0	0	0	0
12/15/2023 15:01	50503 MECH_T1	1	0	-1	0.1	0	-0.1	0	0	0	0	0	0	0	0
12/15/2023 15:06	67001 STHI_T2	671	659	-12	0.42	0.41	-0.01	0	0	0	0	0	0	0	0
12/15/2023 15:07	67904 WNHO_T1	1	2	1	0.7	0	-0.7	-2.17	-2.19	2	2	0	2100	2100	0
12/15/2023 15:08	67903 WNHO_T1	5	2	-3	1.26	0	-1.26	0	0	0	0	0	0	0	0
12/15/2023 15:08	20403 ASHF_T2	18	17	-1	0.21	0.2	-0.01	0	0	0	0	0	0	0	0
12/15/2023 15:09	67904 WNHO_T1	1	2	1	0.7	0	-0.7	-2.19	-2.2	2	2	0	2100	2100	0
12/15/2023 15:10	45601 WOOL_T1	1	4	3	1	0	-1	-0.14	1.11	1	0	-1	1200	0	-1200
12/15/2023 15:15	42902 MIDD_T2	0	0	0	0	0	0	-0.96	-0.95	1	1	0	600	600	0
12/15/2023 15:21	43301 WATS_T2	0	0	0	0	0	0	0.2	0.2	0	0	0	0	0	0
12/15/2023 15:24	67503 WEWI_T2	1	1	0	1.5	0	-1.5	0	0	0	0	0	0	0	0
12/15/2023 15:30	40101 HUNT_T2	1	3	2	0.3	0	-0.3	-0.56	-0.51	0	0	0	0	0	0
12/15/2023 15:34	55002 NEWP_T1	6	6	0	1.07	1.17	0.1	-0.23	-0.25	0	0	0	0	0	0
12/15/2023 15:34	46903 MNTG_T2	2	17	15	0.2	0.15	-0.05	-0.01	-0.06	1	1	0	600	600	0
12/15/2023 15:34	40502 CRES_T2	5	4	-1	0.18	0.1	-0.08	0.55	0.55	0	0	0	0	0	0
12/15/2023 15:35	64101 REFR_T1	0	0	0	0	0	0	-0.28	-0.26	0	0	0	0	0	0
12/15/2023 15:40	43402 BENT_T1	0	0	0	0	0	0	-0.7	-0.7	1	1	0	900	900	0
12/15/2023 15:46	52102 MEIS_T1	5	1	-4	0.18	0	-0.18	0	0	1	1	0	450	450	0
12/15/2023 15:48	40502 CRES_T2	4	0	-4	0.1	0	-0.1	0.55	0.55	0	0	0	0	0	0
12/15/2023 15:49	55002 NEWP_T1	6	6	0	1.13	1	-0.13	-0.25	-0.25	0	0	0	0	0	0
12/15/2023 15:50	40502 CRES_T2	4	0	-4	0.1	0	-0.1	4.97	4.97	0	0	0	0	0	0
12/15/2023 15:52	40502 CRES_T2	4	0	-4	0.1	0	-0.1	3.31	3.31	0	0	0	0	0	0
12/15/2023 15:54	40502 CRES_T2	4	0	-4	0.1	0	-0.1	0.55	0.55	0	0	0	0	0	0
12/15/2023 16:00	67502 WEWI_T2	0	0	0	0	0	0	-0.5	-0.48	0	0	0	0	0	0
12/15/2023 16:04	40502 CRES_T2	0	14	14	0	0.19	0.19	2.21	2.21	0	0	0	0	0	0
12/15/2023 16:05	55002 NEWP_T1	6	6	0	0.98	0.87	-0.11	-0.25	-0.24	0	0	0	0	0	0
12/15/2023 16:06	40502 CRES_T2	0	14	14	0	0.19	0.19	3.31	3.31	0	0	0	0	0	0
12/15/2023 16:08	40502 CRES_T2	0	14	14	0	0.19	0.19	1.65	0.01	0	0	0	0	0	0
12/15/2023 16:16	65005 NEFF_T2	0	1	1	0	0	0	0	0	0	0	0	0	0	0
12/15/2023 16:18	40502 CRES_T2	0	15	15	0	0.21	0.21	0.55	0	0	0	0	0	0	0
12/15/2023 16:20	40502 CRES_T2	0	15	15	0	0.21	0.21	1.1	0.01	0	0	0	0	0	0
12/15/2023 16:22	40502 CRES_T2	0	15	15	0	0.21	0.21	0.55	0	0	0	0	0	0	0
12/15/2023 16:30	25402 LAHA_T2	0	0	0	0	0	0	-0.72	-0.72	0	0	0	0	0	0
12/15/2023 16:31	65005 NEFF_T2	1	0	-1	2.1	0	-2.1	0	0	0	0	0	0	0	0
12/15/2023 16:37	55001 NEWP_T1	0	2	2	0	0	0	0	0	0	0	0	0	0	0
12/15/2023 16:52	48302 ORWI_T2	2	2	0	0.65	0.35	-0.3	0.02	0.06	0	0	0	0	0	0
12/15/2023 16:54	65002 NEFF_T2	2	2	1	2	0	-2	0	0	0	0	0	0	0	0
12/15/2023 17:05	57401 SPAN_T1	2	2	0	0.2	0.65	0.45	0	0	0	0	0	0	0	0
12/15/2023 17:45	65001 NEFF_T2	1	1	0	0.3	0	-0.3	-1.15	-1.14	1	1	0	1200	1200	0
12/15/2023 18:04	43304 WATS_T2	2	3	1	0.4	0.55	0.15	0	0	0	0	0	0	0	0
12/15/2023 18:27	65004 NEFF_T2	0	2	2	0	0	0	0	0	0	0	0	0	0	0
12/15/2023 18:33	56802 BENV_T2	2	7	5	0.3	0.17	-0.13	-1.41	-1.41	0	0	0	0	0	0
12/15/2023 18:33	58401 MORO_T1	2	9	7	1.65	0	-1.65	0	0	0	0	0	0	0	0
12/15/2023 18:34	20403 ASHF_T2	0

Appendix C - Grid Benefits Achieved in Each Instance of Active Management

12/15/2023 18:45	52004 LING_T2	1	1	0	0.4	0.1	-0.3	0.24	0.22	0	0	0	0	0	0
12/15/2023 18:45	46004 BERW_T2	0	2	2	0	0.2	0.2	-0.79	-0.78	0	0	0	0	0	0
12/15/2023 18:45	45502 DERR_T2	0	1	1	0	0	0	0	0	0	0	0	0	0	0
12/15/2023 18:45	56802 BENV_T2	2	56	54	0.3	0.17	-0.13	-1.41	-1.43	0	0	0	0	0	0
12/15/2023 18:46	57401 SPAN_T1	2	3	1	0.75	0.7	-0.05	-0.8	-0.81	1	1	0	600	600	0
12/15/2023 18:46	59101 WALK_T2	1	1	0	0	0	0	1.04	0.8	1	1	0	600	600	0
12/15/2023 18:46	47403 PENS_T1	1	1	0	2	2.2	0.2	0	0	0	0	0	0	0	0
12/15/2023 18:46	46903 MNTG_T2	28	84	56	0.15	0.19	0.04	-0.15	0.39	1	0	-1	600	0	-600
12/15/2023 18:46	46101 MACI_T2	0	0	0	0	0	0	0.72	0.7	0	0	0	0	0	0
12/15/2023 18:46	40502 CRES_T2	3	12	9	0.1	0.14	0.04	0.48	0.29	0	0	0	0	0	0
12/15/2023 18:46	25401 BELT_T1	0	0	0	0	0	0	0	0	2	2	0	1800	1800	0
12/15/2023 18:46	45501 DERR_T2	2	2	0	0.4	0.15	-0.25	0.57	0.54	2	2	0	1800	1800	0
12/15/2023 18:46	46903 MNTG_T2	28	84	56	0.15	0.19	0.04	-0.15	0.39	1	0	-1	600	0	-600
12/15/2023 18:46	42601 TUSC_T1	9	9	0	6.44	6.83	0.39	-0.42	-0.39	2	2	0	1800	1800	0
12/15/2023 18:46	67001 STHI_T2	3	1	-2	0.37	0.5	0.13	0	0	0	0	0	0	0	0
12/15/2023 18:46	64702 LITL_T2	0	0	0	0	0	0	-0.76	-0.8	0	0	0	0	0	0
12/15/2023 18:47	47001 HUGH_T2	0	0	0	0	0	0	-0.62	-0.68	0	0	0	0	0	0
12/15/2023 18:47	66503 SMAN_T2	5	8	3	0.12	0.2	0.08	0	0	0	0	0	0	0	0
12/15/2023 18:47	67503 WEWI_T2	1	2	1	0.7	0	-0.7	0	0	0	0	0	0	0	0
12/15/2023 18:47	44601 SALE_T2	0	0	0	0	0	0	-0.12	-0.12	0	0	0	0	0	0
12/15/2023 18:47	67202 TEHI_T2	0	1	1	0	0	0	0	0	0	0	0	0	0	0
12/15/2023 18:47	64101 REFR_T1	0	0	0	0	0	0	-0.08	-0.09	0	0	0	0	0	0
12/15/2023 18:47	57401 SPAN_T1	2	3	1	0.75	0.7	-0.05	-1.61	-1.61	2	2	0	1200	1200	0
12/15/2023 18:47	67001 STHI_T2	3	1	-2	0.37	0.5	0.13	0	0	0	0	0	0	0	0
12/15/2023 18:47	53903 HALI_T2	2	2	0	0.7	0.9	0.2	-0.11	-0.11	0	0	0	0	0	0
12/15/2023 18:47	46903 MNTG_T2	28	84	56	0.15	0.19	0.04	-0.15	0.39	1	0	-1	600	0	-600
12/15/2023 18:47	44802 EDAN_T2	0	0	0	0	0	0	-2.31	-2.3	1	1	0	1200	1200	0
12/15/2023 18:47	62604 ENGL_T1	0	0	0	0	0	0	-0.47	-0.5	1	1	0	600	600	0
12/15/2023 18:47	47401 PENS_T1	0	0	0	0	0	0	0.63	0.61	0	0	0	0	0	0
12/15/2023 18:47	56504 ROCK_T2	1	0	-1	1	0	-1	-0.18	-0.18	0	0	0	0	0	0
12/15/2023 18:47	60801 BUCK_T1	0	0	0	0	0	0	-0.17	-0.16	0	0	0	0	0	0
12/15/2023 18:48	61305 EARL_T1	1	0	-1	0.9	0	-0.9	0	0	0	0	0	0	0	0
12/15/2023 18:48	45502 DERR_T2	0	1	1	0	0	0	0	0	0	0	0	0	0	0
12/15/2023 18:48	56504 ROCK_T2	1	0	-1	1	0	-1	0	0	0	0	0	0	0	0
12/15/2023 18:48	57006 WHHI_T2	0	1	1	0	0.1	0.1	0	0	0	0	0	0	0	0
12/15/2023 18:48	54203 PENN_T1	18	21	3	0.77	0.9	0.13	0	0	0	0	0	0	0	0
12/15/2023 18:48	42802 SELI_T1	0	0	0	0	0	0	-1.22	-1.24	0	0	0	0	0	0
12/15/2023 18:48	41801 GOCI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/15/2023 18:48	57401 SPAN_T1	2	3	1	0.75	0.7	-0.05	0	0	0	0	0	0	0	0
12/15/2023 18:48	67502 WEWI_T2	0	1	1	0	0	0	-0.45	-0.43	0	0	0	0	0	0
12/15/2023 18:48	59101 WALK_T2	1	1	0	0	0	0	1.04	0.8	1	1	0	600	600	0
12/15/2023 18:48	43201 MVIL_T2	0	1	1	0	0	0	1.3	1.31	0	0	0	0	0	0
12/15/2023 18:48	43402 BENT_T1	0	1	1	0	0	0	-0.91	-0.91	1	1	0	900	900	0
12/15/2023 18:48	65003 NEFF_T2	0	1	1	0	0	0	0	0	0	0	0	0	0	0
12/15/2023 18:48	48302 ORWI_T2	3	3	0	0.7	0.73	0.03	0.06	0.06	0	0	0	0	0	0
12/15/2023 18:48	56802 BENV_T2	2	56	54	0.3	0.17	-0.13	-2.82	-2.86	0	0	0	0	0	0
12/15/2023 18:48	10805 CHHI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/15/2023 18:48	40101 HUNT_T2	7	13	6	2.59	0.3	-2.29	-0.83	-0.77	0	0	0	0	0	0
12/15/2023 18:48	28601 BLYT_T2	0	1	1	0	0	0	0	0	0	0	0	0	0	0
12/15/2023 18:48	40502 CRES_T2	3	12	9	0.1	0.14	0.04	0.1	0.06	0	0	0	0	0	0
12/15/2023 18:48	43302 WATS_T2	4	4	0	1	0.95	-0.05	0	0	0	0	0	0	0	0
12/15/2023 18:48	20403 ASHF_T2	2	1	-1	2.3	0	-2.3	0.32	0.32	0	0	0	0	0	0
12/15/2023 18:48	65503 MOJO_T2	0	1	1	0	0.1	0.1	-0.57	-0.55	0	0	0	0	0	0
12/15/2023 18:48	60201 ATGL_T2	0	0	0	0	0	0	0.38	0.36	0	0	0	0	0	0
12/15/2023 18:49	67204 TEHI_T2	0	0	0	0	0	0	-0.2	-0.2	0	0	0	0	0	0
12/15/2023 18:49	56504 ROCK_T2	1	0	-1	1	0	-1	0	0	0	0	0	0	0	0
12/15/2023 18:49	54501 ENOL_T2	0	0	0	0	0	0	0.1	0.11	0	0	0	0	0	0
12/15/2023 18:49	53502 EVIL_T2	0	0	0	0	0	0	0.33	0.32	0	0	0	0	0	0
12/15/2023 18:49	51107 CARL_T1	2	8	6	0.7	0	-0.7	-0.5	-0.45	0	0	0	0	0	0
12/15/2023 18:49	63404 HONY_T1	2	2	0	6.35	6.45	0.1	0	0	0	0	0	0	0	0
12/15/2023 18:49	53602 DALM_T2	3	0	-3	2.73	0	-2.73	0	0	0	0	0	0	0	0
12/15/2023 18:49	64101 REFR_T1	0	0	0	0	0	0	-0.08	-0.09	0	0	0	0	0	0
12/15/2023 18:49	50701 SMEC_T1	0	0	0	0	0	0	0.06	0.05	0	0	0	0	0	0
12/15/2023 18:49	43402 BENT_T1	0	1	1	0	0	0	-0.91	-0.91	1	1	0	900	900	0
12/15/2023 18:49	57006 WHHI_T2	0	1	1	0	0.1	0.1	0	0	0	0	0	0	0	0
12/15/2023 18:49	47403 PENS_T1	1	1	0	2	2.2	0.2	0	0	0	0	0	0	0	0
12/15/2023 18:49	67503 WEWI_T2	1	2	1	0.7	0	-0.7	0	0	0	0	0	0	0	0
12/15/2023 18:49	57403 SPAN_T1	1	7	6	0.1	0.17	0.07	0	0	0	0	0	0	0	0
12/15/2023 18:49	57404 SPAN_T2	0	1	1	0	0	1.33	1.36	0	0	0	0	0	0	0
12/15/2023 18:49	56802 BENV_T2	2	56	54	0.3	0.17	-0.13	-2.82	-2.86	0	0	0	0	0	0
12/15/2023 18:50	46003 BERW_T2	1	1	0	1.3	1.2	-0.1	0	0	0	0	0	0	0	0
12/15/2023 18:50	45602 WOOL_T1	9	18	9	1.88	0	-1.88	0	0	0	0	0	0	0	0
12/15/2023 18:50	56504 ROCK_T2	1	0	-1	1	0	-1	0	0	0	0	0	0	0	0
12/15/2023 18:50	61305 EARL_T1	1	0	-1	0.9	0	-0.9	0	0	0	0	0	0	0	0
12/15/2023 18:50	42801 SELI_T1	1	1	0	0	0	0	0	0	0	0	0	0	0	0
12/15/2023 18:50	47401 PENS_T1	0	0	0	0	0	0	1.26	1.22	0	0	0	0	0	0
12/15/2023 18:50	55001 NEWP_T1	0	2	2	0	0.8	0.8	0	0	0	0	0	0	0	0
12/15/2023 18:50	65503 MOJO_T2	0	1	1	0	0.1	0.1	-0.57	-0.55	0	0	0	0	0	0
12/15/2023 18:50	57401 SPAN_T1	2	3	1	0.75	0.7	-0.05	-0.8	-0.81	1	1	0	600	600	0
12/15/2023 18:50	64101 REFR_T1	0	0	0	0	0	0	-0.08	-0.09	0	0	0	0	0	0
12/15/2023 18:50	67502 WEWI_T2	0	1	1	0	0	0	0	0	0	0	0	0	0	0
12/15/2023 18:50	46903 MNTG_T2	28	84	56	0.15	0.19	0.04	-0.15	0.39	0	0	0	0	0	0
12/15/2023 18:50	42903 MIDD_T2	2	2	0	0.8	0.7	-0.1	-1.15	-1.17	1	1	0	1200	1200	0
12/15/2023 18:50	43001 ALWD_T1	5	7	2	0.1	0.11	0.01	0	0	0	0	0	0	0	0
12/15/2023 18:50	54505 ENOL_T2	1	1	0	0.3	0.4	0.1	-1.28	-1.29	1	1	0	600	600	0
12/15/2023 18:50	58401 MORO_T1	6	5	-1	2.83	0	-2.83	0	0	0	0	0	0	0	0
12/15/2023 18:50	42903 MIDD_T2	0	0	0	0	0	0	-1.28	-1.3	1	1	0	600	600	0
12/15/2023 18:50	40502 CRES_T2	3	12	9	0.1	0.14	0.04	0.29	0.17	0	0	0	0	0	0
12/15/2023 18:50	56802 BENV_T2	2	56	54	0.3	0.17	-0.13	-4.23	-4.29	0	0	0	0	0	0
12/15/2023 18:51	54506 ENOL_T2	1	0	-1	1.4	0	-1.4	0	0	0	0	0	0	0	0
12/15/2023 18:51	61801 EELI_T2	0	0	0	0	0	0	-2.05	-2.05	2	2	0	1200	1200	0
12/15/2023 18:51	59302 MCAL_T1	0	0	0	0	0	0	-0.41	-0.41	1	1	0	600	600	0
12/15/2023 18:51	46903 MNTG_T2	28	84	56	0.15	0.19	0.04	-0.15	0.39	0	0	0	0	0	0
12/15/2023 18:51	46003 BERW_T1	0	0	0	0	0	0	0.97	1	0	0	0	0	0	0
12/15/2023 18:51	52102 MEIS_T1	28	39	11	0.27	0.17	-0.1	0	0	1	1	0	450	450	0
12/15/2023 18:51	54206 PENN_T2	0	0	0	0	0	0	-0.03	0	0	0	0	0	0	0
12/15/2023 18:51	59101 WALK_T2	1	1	0	0	0	0	1.04	0.8	1	2	1	600	1050	450
12/15/2023 18:51	45402 WILO_T2	1	1	0	0.4	0.9	0.5	-0.72	-0.74	0	0	0	0	0	0
12/15/2023 18:51	42801 SELI_T1	1	1	0	0	0	0	0	0	0	0	0	0	0	0
12/15/2023 18:51	67503 WEWI_T2	1	2	1	0.7	0	-0.7	-0.27	-0.34	0	0	0	0	0	0
12/15/2023 18:51	67402 WAKE_T2	0	0	0	0	0	0	0.21	0.22	0	0	0	0	0	0
12/15/2023 18:52	45502 DERR_T2	0	1	1	0	0	0	0	0	0	0	0	0	0	0
12/15/2023 18:52	60803 BUCK_T1	0	0	0	0	0	0	-0.82	-0.8	1	1	0	600	600	0
12/15/2023 18:52	50202 HARR_T3	0	2	2	0	0.1	0.1	0	0	0	0	0	0	0	0
12/15/2023 18:52	67201 TEHI_T1	1	0	-1	2.9	0	-2.9	0	0	0	0	0	0	0	0
12/15/2023 18:52	43001 ALWD_T1	5	7	2	0.1	0.11	0.01	0	0	0	0	0	0	0	0
12/15/2023 18:52	42201 SHEN_T2	0	0	0	0	0	0	0.42	0.42	0	0	0	0	0	0
12/15/2023 18:52	43302 WATS_T2	4	4	0	1	0.95	-0.05	0	0	0	0	0	0	0	0
12/15/2023 18:52	47901 HRDG_T1	0	0	0	0	0	0	1.93	1.68	0	0	0	0	0	0
12/15/2023 18:52	56501 ROCK_T2	2	2	0	0.75	0.75	0	-1.81	-1.77	0	0	0	0	0	0
12/15/2023 18:52	40902 JESH_T1	10	16	6	1.42	0	-1.42	-0.74	-0.73	0	0	0	0	0	0
12/15/2023 18:52	41902 REED_T1	20	21	1	0.47	0.6	0.13	1.04	1.02	0	0	0	0	0	0
12/15/2023 18:52	59101 WALK_T2	1	1	0	0	0	0	1.04	0.8	1	2	1	600	1050	450
12/15/2023 18:52	67103 SPRI_T1	2	14	12	1.15	0	-1.15	-0.15	-0.13	0	0	0	0	0	0
12/15/2023 18:52	40504 CRES_T1	0	0	0	0	0	0	-0.51	-0.52	0	0	0	0	0	0
12/15/2023 18:52	56504 ROCK_T2	1	0	-1	1	0	-1	-0.18	-0.18	0	0	0	0	0	0
12/15/2023 18:52	55002 NEWP_T1	5	6	1	0.84	0.83	-0.01	-0.24	-0.24	0	0	0	0	0	0
12/15/2023 18:52	59003 MIFF_T1	1	1	0	0.3	0.1	-0.2	-0.41	1.56	0	0	0	0	0	0
12/15/2023 18:52	46001 BERW_T1	0	0	0	0	0	0	0.97	1	0	0	0	0	0	0
12/15/2023 18:52	67502 WEWI_T2	0	1	1	0	0	0	-0.45	-0.43	0	0	0	0	0	0
12/15/2023 18:52	46903 MNTG_T2	28	84	56	0.15	0.19	0.04	-0.15	0.39	0	0	0	0	0	0
12/15/2023 18:52	40502 CRES_T2	3	12	9	0.1	0.14	0.04	0.29	0.17	0	0	0	0	0	0
12/15/2023 18:52	56802 BENV_T2	2	56	54	0.3	0.17	-0.13	-1.41	-1.43	0	0	0	0	0	0
12/15/2023 18:52	67503 WEWI_T2	1	2	1	0.7	0	-0.7	-0.27	-0.34	0	0	0	0	0	0
12/15/2023 18:52	20403 ASHF_T2	2	1	-1	2.3	0	-2.3	0.32	0.32	0	0	0	0	0	0
12/15/2023 18:52	64101 REFR_T1	0	0	0	0	0	0	-0.08	-0.09	0	0	0	0	0	0
12/15/2023 18:53	65001 NEFF_T2	1	0	-1	0.3	0	-0.3	-1.09	-1.12	1	1	0	1200	1200	0
12/15/2023 18:53	43302 WATS_T2	4	4	0	1	0.95	-0.05	0	0	0	0	0	0	0	0
12/15/2023 18:53	46801 HEPB_T2	0	0	0	0	0	0	0.6	0.59	0	0	0	0	0	0
12/15/2023 18:53	46903 MNTG_T2	28	84	56	0.15	0.19	0.04	0	0	0	0	0	0	0	0
12/15/2023 18:53	44802 EDAN_T2	0	0	0	0	0	0	-2.3	-2.29	1	1	0	1200	1200	0
12/15/2023 18:53	62604 ENGL_T1	0	0	0	0	0	0	-0.47	-0.5	1	1	0	600	600	0
12/15/2023 18:53	57401 SPAN_T1	2	3	1	0.75	0.7	-0.05	0	0	0	0	0	0	0	0
12/15/2023 18:53	53501 EVIL_T2	3	2	-1	0.37	0.15	-0.22	0	0	0	0	0	0	0	0
12/15/2023 18:53	67503 WEWI_T2	1	2	1	0.7	0	-0.7	0	0	0	0	0	0	0	0
12/15/2023 18:53	55002 NEWP_T1	5	6	1	0.84	0.83	-0.01	-0.24	-0.24	0	0	0	0	0	0
12/15/2023 18:53	43402 BENT_T1	0	1	1	0	0	0	-0.91	-0.91	1	1	0	900	900	0
12/15/2023 18:53	67401 WAKE_T2	1	0	-1	0.1	0	-0.1	-1.17	-1.15	0	0	0	0	0	0
12/15/2023 18:53	56802 BENV_T2	2	56	54	0.3	0.17	-0.13	-1.41	-1.43	0	0	0	0	0	0
12/15/2023 18:53	42903 MIDD_T2	2	2	0	0.8	0.7	-0.1	-1.17	-1.07	1	1	0	1200	1200	0
12/15/2023 18:53	47403 PENS_T1	1	1	0	2	2.2	0.2	0	0	0	0	0	0	0	0
12/15/2023 18:53	52004 LING_T2	1	1	0	0.4	0.1	-0.3	0.24	0.22	0	0	0	0	0	0
12/15/2023 18:53	54505 ENOL_T2	1	1	0	0.3	0.4	0.1	0	0	0	0	0	0	0	0
12/15/2023 18:54	55001 NEWP_T1	0	2	2	0	0.8	0.8	0	0	0	0	0	0	0	0
12/15/2023 18:54	59002 MIFF_T1	2	1	-1	0.15	0.1	-0.05	0	0	0	0	0	0	0	0
12/15/2023 18:54	52101 MEIS_T1	2	1	-1	1.1	0.5	-0.6	0	0	0	0	0	0	0	0
12/15/2023 18:54	62105 ELAN_T1	3	6	3	0.8	0	-0.8	0	0	0	0	0	0	0	0
12/15/2023 18:54	50503 MECH_T1	1	0	-1	1.2	0	-1.2	0	0	0	0	0	0	0	0
12/15/2023 18:54	58402 MORO_T1	0	1	1	0	0	0	-0.14	-0.18	2	2	0	1500	1500	0
12/15/2023 18:54	41801 GOCI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/15/2023 18:54	43301 WATS_T2	0	0	0	0	0	0	0	-0.76	1	1	0	900	900	0
12/15/2023 18:54	54505 ENOL_T2	1	1	0	0.3	0.4	0.1	0	0	0	0	0	0	0	0
12/15/2023 18:54	56802 BENV_T2	2	56	54	0.3	0.17	-0.13	-4.29	-4.2	0	0	0	0	0	0
12/15/2023 18:54	40502 CRES_T2	3	12	9	0.1	0.14	0.04	0.23	0.31	0	0	0	0	0	0
12/15/2023 18:54	40101 HUNT_T2	7	13	6	2.59	0.3	-2.29	-1.54	-1.56	0	0	0	0	0	0
12/15/2023 18:54	47901 HRDG_T1	0	0	0	0	0	0	1.68	1.76	0	0	0	0	0	0
12/15/2023 18:54	43001 ALWD_T1	5	7	2	0.1	0.11	0.01	0	0	0	0	0	0	0	0
12/15/2023 18:54	56801 BENV_T1	13	15	2	1.4	1.03	-0.37	-0.7	-0.71	1	1	0	600	600	0
12/15/2023 18:54	46001 BERW_T1	0	0	0	0	0	0	-1	0.99	0	0	0	0	0	0
12/15/2023 18:54	60201 ATGL_T2	0	0	0	0	0	0	0.36	0.37	0	0	0	0	0	0
12/15/2023 18:55	64802 MONE_T2	0	0	0	0	0	0	-0.06	-0.06	0	0	0	0	0	0
12/15/2023 18:55	56501 ROCK_T2	2	2	0	0.75	0.75	0	-0.89	-0.86	0	0	0	0	0	0
12/15/2023 18:55	55101 WERT_T1	0	2	2	0	0	0	0	0	0	0	0	0	0	0
12/15/2023 18:55	53903 HALI_T2	2	2	0	0.7	0.9	0.2	-0.11	-0.12	0	0	0	0	0	0
12/15/2023 18:55	47401 PENS_T1	0	0	0	0	0	0	0.61	0.61	0	0	0	0	0	0
12/15/2023 18:55	56801 BENV_T1	13	15	2	1.4	1.03	-0.37	-0.7	-0.71	1	1	0	600	600	0
12/15/2023 18:55	59101 WALK_T2	1	1	0	0	0	0	0	0	0	0	0	0	0	0
12/15/2023 18:55	52101 MEIS_T1	2	1	-1	1.1	0.5	-0.6	0	0	0	0	0	0	0	0
12/15/2023 18:55	56504 ROCK_T2	1	0	-1	1	0	-1	-0.18	-0.05	0	0	0	0	0	0
12/15/2023 18:55	61801 EELI_T2	0	0	0	0	0	0	-1.03	-1.06	1	1	0	600	600	0
12/15/2023 18:55	46903 MNTG_T2	28	84	56	0.15	0.19	0.04	0.39	0.38	0	0	0	0	0	0
12/15/2023 18:55	54701 NEBL_T1	0	0	0	0	0	0	0	0	2	2	0	1200	1200	0
12/15/2023 18:56	40502 CRES_T2	3	12	9	0.1	0.14	0.04	0.06	0.08	0	0	0	0	0	0
12/15/2023 18:56	51107 CARL_T1	2	8	6	0.7	0	-0.7	-0.45	-0.48	0	0	0	0	0	0
12/15/2023 18:56	56501 ROCK_T2	2	2	0	0.75	0.75	0	-0.89	-0.86	0	0	0	0	0	0
12/15/2023 18:56	62604 ENGL_T1	0	0	0	0	0	0	-0.5	-0.57	1	1	0	600	600	0
12/15/2023 18:56	50506 MECH_T1	0	0	0	0	0	0	-0.24	-0.24	0	0	0	0	0	0
12/15/2023 18:56	41902 REED_T1	20	21	1	0.47	0.6	0.13	2.04	2.1	0	0	0	0	0	0
12/15/2023 18:56	42802 SELI_T1

12/16/2023 0:06	65001 NEFF_T2	37	14	-23	0.13	0.14	0.01	-1.41	-1.42	1	1	0	1200	1200	0
12/16/2023 1:10	65001 NEFF_T2	72	149	77	0.13	0.14	0.01	-1.43	-1.45	1	1	0	1200	1200	0
12/16/2023 1:28	65001 NEFF_T2	127	204	77	0.13	0.18	0.05	-1.45	-1.45	1	1	0	1200	1200	0
12/16/2023 2:40	65001 NEFF_T2	199	220	21	0.18	0.21	0.03	-1.44	-1.44	1	1	0	1200	1200	0
12/16/2023 3:51	65001 NEFF_T2	176	147	-29	0.15	0.14	-0.01	-1.41	-1.45	1	1	0	1200	1200	0
12/16/2023 4:41	65004 NEFF_T2	0	3	3	0	0	0	0	0	0	0	0	0	0	0
12/16/2023 5:23	65003 NEFF_T2	1	0	-1	2.5	0	-2.5	0	0	0	0	0	0	0	0
12/16/2023 5:49	65001 NEFF_T2	1	2	1	1.2	0	-1.2	-1.44	-1.35	1	1	0	1200	1200	0
12/16/2023 6:37	65003 NEFF_T2	0	2	2	0	0	0	0	0	0	0	0	0	0	0
12/16/2023 7:19	65003 NEFF_T2	0	2	2	0	0	0	0	0	0	0	0	0	0	0
12/16/2023 7:50	65003 NEFF_T2	2	2	0	1.65	0	-1.65	0	0	0	0	0	0	0	0
12/16/2023 7:53	45502 DERR_T2	1	1	0	0.9	0.5	-0.4	0	0	0	0	0	0	0	0
12/16/2023 7:53	43402 BENT_T1	0	2	2	0	0	0	-1.5	-1.51	2	2	0	1500	1500	0
12/16/2023 7:55	43402 BENT_T1	0	2	2	0	0	0	-1.5	-1.51	2	2	0	1500	1500	0
12/16/2023 8:11	43402 BENT_T1	0	2	2	0	0	0	-1.51	-1.5	2	2	0	1500	1500	0
12/16/2023 8:13	45502 DERR_T2	1	3	2	1.6	0	-1.6	0	0	0	0	0	0	0	0
12/16/2023 8:21	67103 SPRI_T1	25	44	19	2.14	0	-2.14	-0.21	-0.24	0	0	0	0	0	0
12/16/2023 8:22	49803 UNIV_T1	0	0	0	0	0	0	-1.08	-0.8	0	0	0	0	0	0
12/16/2023 8:27	65005 NEFF_T2	0	1	1	0	0	0	0	0	0	0	0	0	0	0
12/16/2023 8:32	55001 NEWP_T1	2	4	2	2.4	0	-2.4	0	0	0	0	0	0	0	0
12/16/2023 8:33	54701 NEBL_T1	0	0	0	0	0	0	0	0	1	1	0	600	600	0
12/16/2023 8:36	54701 NEBL_T1	0	0	0	0	0	0	0	0	1	1	0	600	600	0
12/16/2023 8:39	53602 DALM_T2	11	9	-2	3.42	0	-3.42	0	0	0	0	0	0	0	0
12/16/2023 8:53	65004 NEFF_T2	2	4	2	1.25	0	-1.25	0	0	0	0	0	0	0	0
12/16/2023 9:00	58401 MORO_T1	11	14	3	2.58	0	-2.58	0	0	0	0	0	0	0	0
12/16/2023 9:00	67502 WEWI_T2	3	20	17	1.97	0	-1.97	0	0	0	0	0	0	0	0
12/16/2023 9:00	48302 ORWI_T2	2	2	0	0.25	0.35	0.1	-0.48	-0.46	0	0	0	0	0	0
12/16/2023 9:00	43001 ALWD_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/16/2023 9:00	53903 HALI_T2	0	2	2	0	0.1	0.1	-0.3	-0.31	0	0	0	0	0	0
12/16/2023 9:00	52101 MEIS_T1	1	3	2	1.3	0.2	-1.1	0	0	0	0	0	0	0	0
12/16/2023 9:00	57403 SPAN_T1	0	2	2	0	0	0	0.14	0.13	0	0	0	0	0	0
12/16/2023 9:00	43304 WATS_T2	1	4	3	0.2	0.6	0.4	-0.75	-0.7	0	0	0	0	0	0
12/16/2023 9:00	46004 BERW_T2	1	2	1	0.4	0.45	0.05	-0.71	-0.73	0	0	0	0	0	0
12/16/2023 9:00	59101 WALK_T2	1	2	1	0	0	0	0	0	0	0	0	0	0	0
12/16/2023 9:00	40502 CRES_T2	0	2	2	0	0.15	0.15	-0.83	-0.84	0	0	0	0	0	0
12/16/2023 9:08	67501 WEWI_T1	0	1	1	0	0	0	0	0	0	0	0	0	0	0
12/16/2023 9:08	67103 SPRI_T1	22	14	-8	2.07	0	-2.07	-0.22	-0.22	0	0	0	0	0	0
12/16/2023 9:08	41901 REED_T1	5	7	2	0.32	0.33	0.01	0	0	0	0	0	0	0	0
12/16/2023 9:08	27502 WEIS_T2	0	0	0	0	0	0	-0.47	-0.5	0	0	0	0	0	0
12/16/2023 9:09	49803 UNIV_T1	0	0	0	0	0	0	-0.98	-0.98	0	0	0	0	0	0
12/16/2023 9:10	53601 DALM_T2	2	4	2	1.85	0.6	-1.25	-0.09	-0.09	0	0	0	0	0	0
12/16/2023 9:11	43402 BENT_T1	0	0	0	0	0	0	-1.51	-1.53	2	2	0	1500	1500	0
12/16/2023 9:16	43202 MVIL_T2	0	0	0	0	0	0	-0.6	-0.63	0	0	0	0	0	0
12/16/2023 9:19	43201 MVIL_T2	0	1	1	0	0	0	0	0	0	0	0	0	0	0
12/16/2023 9:20	55002 NEWP_T1	6	4	-2	0.42	0.73	0.31	-0.18	-0.17	0	0	0	0	0	0
12/16/2023 9:24	49803 UNIV_T1	0	0	0	0	0	0	-0.98	-1.02	0	0	0	0	0	0
12/16/2023 9:26	29401 BELT_T1	0	7	7	0	0.17	0.17	0	0	0	0	0	0	0	0
12/16/2023 9:27	45502 DERR_T2	1	1	0	1.2	0	-1.2	0	0	0	0	0	0	0	0
12/16/2023 9:29	52101 MEIS_T1	2	1	-1	2.9	0.4	-2.5	0	0	0	0	0	0	0	0
12/16/2023 9:30	41801 GOCJ_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/16/2023 9:31	52102 MEIS_T1	0	2	2	0	0.45	0.45	0	0	1	1	0	450	450	0
12/16/2023 9:32	52102 MEIS_T1	0	2	2	0	0.45	0.45	0	0	1	1	0	450	450	0
12/16/2023 9:33	52102 MEIS_T1	0	2	2	0	0.45	0.45	0	0	1	1	0	450	450	0
12/16/2023 9:35	43304 WATS_T2	3	3	0	0.5	0	-0.5	-0.76	-0.73	0	0	0	0	0	0
12/16/2023 9:36	54701 NEBL_T1	0	0	0	0	0	0	0	0	1	1	0	600	600	0
12/16/2023 9:37	56501 ROCK_T2	3	2	-1	2.4	2.45	0.05	-1.45	-1.43	0	0	0	0	0	0
12/16/2023 9:38	43304 WATS_T2	3	3	0	0.5	0	-0.5	-0.73	-0.78	0	0	0	0	0	0
12/16/2023 9:39	43304 WATS_T2	3	3	0	0.5	0	-0.5	-0.73	-0.78	0	0	0	0	0	0
12/16/2023 9:48	41901 REED_T1	7	10	3	0.33	0.52	0.19	0	0	0	0	0	0	0	0
12/16/2023 9:49	59101 WALK_T2	1	1	0	0	0	0	1.05	0.98	1	1	0	450	450	0
12/16/2023 9:50	42201 SHEN_T2	0	0	0	0	0	0	0.41	0.42	0	0	0	0	0	0
12/16/2023 9:51	67402 WAKE_T2	0	0	0	0	0	0	0.2	0.2	0	0	0	0	0	0
12/16/2023 9:54	56802 BENV_T2	0	0	0	0	0	0	-1.31	-1.33	0	0	0	0	0	0
12/16/2023 9:54	44301 BEAV_T2	0	1	1	0	0.1	0.1	-0.65	-0.69	1	1	0	600	600	0
12/16/2023 9:55	56802 BENV_T2	0	0	0	0	0	0	-1.31	-1.33	0	0	0	0	0	0
12/16/2023 9:56	56802 BENV_T2	0	0	0	0	0	0	-1.31	-1.33	0	0	0	0	0	0
12/16/2023 9:57	56802 BENV_T2	0	0	0	0	0	0	-1.31	-1.33	0	0	0	0	0	0
12/16/2023 10:00	39601 LNFD_T1	0	0	0	0	0	0	0	0	1	1	0	900	900	0
12/16/2023 10:02	63401 HONY_T1	0	0	0	0	0	0	0.25	0.27	0	0	0	0	0	0
12/16/2023 10:03	55002 NEWP_T1	5	5	0	0.28	0.8	0.52	-0.36	-0.38	0	0	0	0	0	0
12/16/2023 10:03	52101 MEIS_T1	1	2	1	0.2	0.45	0.25	0	0	0	0	0	0	0	0
12/16/2023 10:05	57401 SPAN_T1	0	1	1	0	0.1	0.1	-2.34	-2.34	2	2	0	1200	1200	0
12/16/2023 10:05	43201 MVIL_T2	0	0	0	0	0	0	-1.28	-1.28	0	0	0	0	0	0
12/16/2023 10:05	43304 WATS_T2	2	4	2	0.65	0	-0.65	-0.78	-0.81	0	0	0	0	0	0
12/16/2023 10:06	27502 WEIS_T2	0	0	0	0	0	0	-0.58	-0.5	0	0	0	0	0	0
12/16/2023 10:06	43304 WATS_T2	2	4	2	0.65	0	-0.65	-0.78	-0.81	0	0	0	0	0	0
12/16/2023 10:06	55002 NEWP_T1	5	5	0	0.28	0.8	0.52	-0.36	-0.38	0	0	0	0	0	0
12/16/2023 10:06	57401 SPAN_T1	0	1	1	0	0.1	0.1	-2.34	-2.34	2	2	0	1200	1200	0
12/16/2023 10:06	29402 BELT_T1	1	1	0	6.6	6.5	-0.1	0	0	0	0	0	0	0	0
12/16/2023 10:06	44301 BEAV_T2	0	1	1	0	0.1	0.1	-0.65	-0.69	1	1	0	600	600	0
12/16/2023 10:09	57401 SPAN_T1	0	1	1	0	0.1	0.1	-1.17	-1.21	1	1	0	600	600	0
12/16/2023 10:10	27502 WEIS_T2	0	0	0	0	0	0	-0.5	-0.54	0	0	0	0	0	0
12/16/2023 10:11	60201 ATGL_T2	0	0	0	0	0	0	0.16	0.18	0	0	0	0	0	0
12/16/2023 10:13	26401 INOR_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/16/2023 10:14	43304 WATS_T2	2	4	2	0.65	0	-0.65	-0.81	-0.81	0	0	0	0	0	0
12/16/2023 10:14	40101 HUNT_T2	1	2	1	0.2	0	-0.2	-0.55	-0.54	0	0	0	0	0	0
12/16/2023 10:14	39601 LNFD_T1	0	0	0	0	0	0	0	0	1	1	0	900	900	0
12/16/2023 10:16	40101 HUNT_T2	1	0	-1	0.1	0	-0.1	-0.55	-0.54	0	0	0	0	0	0
12/16/2023 10:17	55002 NEWP_T1	3	9	6	0.5	0.76	0.26	-0.19	-0.15	0	0	0	0	0	0
12/16/2023 10:17	65001 NEFF_T2	0	0	0	0	0	0	-1.08	-1.17	1	1	0	1200	1200	0
12/16/2023 10:18	65001 NEFF_T2	0	0	0	0	0	0	-1.08	-1.17	1	1	0	1200	1200	0
12/16/2023 10:18	26401 INOR_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/16/2023 10:18	55001 NEWP_T1	0	1	1	0	0.1	0.1	0	0	0	0	0	0	0	0
12/16/2023 10:19	55001 NEWP_T1	0	0	1	0	0.1	0.1	0	0	0	0	0	0	0	0
12/16/2023 10:20	59101 WALK_T2	1	1	0	0	0	0	1.07	1.07	1	1	0	450	450	0
12/16/2023 10:21	59101 WALK_T2	1	1	0	0	0	0	1.07	1.07	1	1	0	450	450	0
12/16/2023 10:22	64101 REFR_T1	1	1	0	0.1	0.2	0.1	-0.1	-0.08	0	0	0	0	0	0
12/16/2023 10:22	60201 ATGL_T2	0	1	1	0	0.1	0.1	0.16	0.18	0	0	0	0	0	0
12/16/2023 10:23	59101 WALK_T2	1	1	0	0	0	0	1.07	1.07	1	1	0	450	450	0
12/16/2023 10:26	43001 ALWD_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/16/2023 10:27	60101 COCA_T1	0	0	0	0	0	0	0.32	0.36	0	0	0	0	0	0
12/16/2023 10:28	60101 COCA_T1	0	0	0	0	0	0	0.32	0.36	0	0	0	0	0	0
12/16/2023 10:29	54504 ENOL_T2	0	0	0	0	0	0	-1.01	-1	1	1	0	600	600	0
12/16/2023 10:30	16302 ALPA_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/16/2023 10:30	17802 GILB_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/16/2023 10:31	42903 MIDD_T2	2	2	0	1.5	0.5	-1	-1.58	-0.33	1	0	-1	1200	0	-1200
12/16/2023 10:32	50105 HARR_T3	7	7	0	6.21	6.27	0.06	0	0	0	0	0	0	0	0
12/16/2023 10:33	64101 REFR_T1	0	2	2	0	0.15	0.15	-0.08	-0.06	0	0	0	0	0	0
12/16/2023 10:34	47403 PENS_T1	3	5	2	0.23	0.22	-0.01	0	0	0	0	0	0	0	0
12/16/2023 10:34	39601 LNFD_T1	0	3	3	0	0	0	0	0	1	1	0	900	900	0
12/16/2023 10:34	65901 SAKR_T2	1	1	0	8.6	8.6	0	0	0	0	0	0	0	0	0
12/16/2023 10:35	43301 WATS_T2	0	1	1	0	0	0	-0.68	-0.7	1	1	0	900	900	0
12/16/2023 10:37	67502 WEWI_T2	2	8	6	0.25	0.34	0.09	-2.72	-2.82	2	2	0	1800	1800	0
12/16/2023 10:37	64101 REFR_T1	0	2	2	0	0.15	0.15	-0.23	-0.17	0	0	0	0	0	0
12/16/2023 10:38	59101 WALK_T2	1	2	1	0	0.3	0.3	1.07	1.03	1	1	0	450	450	0
12/16/2023 10:38	67502 WEWI_T2	2	8	6	0.25	0.34	0.09	-2.72	-2.82	2	2	0	1800	1800	0
12/16/2023 10:38	10805 CHHI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/16/2023 10:38	64101 REFR_T1	0	2	2	0	0.15	0.15	-0.08	-0.06	0	0	0	0	0	0
12/16/2023 10:38	45402 WILO_T2	1	2	1	1.3	1.4	0.1	-0.67	-0.66	0	0	0	0	0	0
12/16/2023 10:39	67502 WEWI_T2	2	8	6	0.25	0.34	0.09	-4.23	-4.4	3	3	0	2700	2700	0
12/16/2023 10:39	43304 WATS_T2	0	1	1	0	0	0	-0.84	-0.84	0	0	0	0	0	0
12/16/2023 10:39	64101 REFR_T1	0	2	2	0	0.15	0.15	-0.06	-0.08	0	0	0	0	0	0
12/16/2023 10:40	45501 DERR_T2	0	0	0	0	0	0	-0.76	-0.76	2	2	0	1800	1800	0
12/16/2023 10:41	10805 CHHI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/16/2023 10:42	46801 HEPB_T2	0	0	0	0	0	0	0.65	0.66	0	0	0	0	0	0
12/16/2023 10:42	45802 HEGI_T2	0	0	0	0	0	0	0.3	0.34	0	0	0	0	0	0
12/16/2023 10:42	45501 DERR_T2	0	0	0	0	0	0	-0.76	-0.76	2	2	0	1800	1800	0
12/16/2023 10:43	17802 GILB_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/16/2023 10:44	25402 LAHA_T2	0	0	0	0	0	0	-0.44	-0.31	0	0	0	0	0	0
12/16/2023 10:46	45802 HEGI_T2	0	0	0	0	0	0	0.3	0.34	0	0	0	0	0	0
12/16/2023 10:47	47401 PENS_T1	5	3	-2	0.38	0.53	0.15	0.77	0.79	0	0	0	0	0	0
12/16/2023 10:48	47403 PENS_T1	5	8	3	0.22	0.4	0.18	0	0	0	0	0	0	0	0
12/16/2023 10:49	64801 MONE_T2	0	1	1	0	0	0	0.29	0.31	0	0	0	0	0	0
12/16/2023 10:49	57401 SPAN_T1	1	2	1	0.1	0.35	0.25	-1.13	-1.23	1	1	0	600	600	0
12/16/2023 10:49	42801 SELI_T1	1	1	0	0	0	0	0	0	0	0	0	0	0	0
12/16/2023 10:49	47401 PENS_T1	5	3	-2	0.38	0.53	0.15	0.77	0.79	0	0	0	0	0	0
12/16/2023 10:50	47402 PENS_T1	119	120	1	3.06	4.4	1.34	0	0	0	0	0	0	0	0
12/16/2023 10:51	42801 SELI_T1	1	1	0	0	0	0	0	0	0	0	0	0	0	0
12/16/2023 10:52	29402 BELT_T1	2	2	0	3.4	6.6	3.2	0	0	0	0	0	0	0	0
12/16/2023 10:52	42801 SELI_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/16/2023 10:52	57401 SPAN_T1	1	2	1	0.1	0.35	0.25	-1.13	-1.23	1	1	0	600	600	0
12/16/2023 10:53	56802 BENV_T2	2	2	0	0.3	0.4	0.1	-1.34	-1.34	0	0	0	0	0	0
12/16/2023 10:53	43001 ALWD_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/16/2023 10:54	66501 SMAN_T2	0	2	2	0	0.15	0.15	0	0	0	0	0	0	0	0
12/16/2023 10:54	56802 BENV_T2	2	2	0	0.3	0.4	0.1	-2.67	-2.63	0	0	0	0	0	0
12/16/2023 10:54	29401 BELT_T1	0	0	0	0	0	0	0	0	1	1	0	900	900	0
12/16/2023 10:55	60201 ATGL_T2	1	1	0	0.1	0.1	0	0.13	0.1	0	0	0	0	0	0
12/16/2023 10:55	51107 CARL_T1	0	0	0	0	0	0	-0.44	-0.41	0	0	0	0	0	0
12/16/2023 10:56	67502 WEWI_T2	4	9	5	0.38	0.31	-0.07	0	0	0	0	0	0	0	0
12/16/2023 10:56	46004 BERW_T2	0	0	0	0	0	0	-0.74	-0.78	0	0	0	0	0	0
12/16/2023 10:56	51107 CARL_T1	0	0	0	0	0	0	-0.44	-0.41	0	0	0	0	0	0
12/16/2023 10:57	61801 EELI_T2	1	0	-1	1.5	0	-1.5	-1.02	-1.04	1	1	0	600	600	0
12/16/2023 10:57	56501 ROCK_T2	12	26	14	0.17	0.33	0.16	-1.47	-1.52	0	0	0	0	0	0
12/16/2023 11:00	59003 MIFF_T1	2	3	1	0.3	0.3	0	0.39	0.47	0	0	0	0	0	0
12/16/2023 11:01	47401 PENS_T1	2	3	1	0.7	0.8	0.1	0.79	0.88	0	0	0	0	0	0
12/16/2023 11:01	59002 MIFF_T1	6	6	0	0.42	0.68	0.26	0	0	0	0	0	0	0	0
12/16/2023 11:02	52502 PROG_T2	0	0	0	0	0	0	-0.61	-0.68	1	1	0	900	900	0
12/16/2023 11:03	64101 REFR_T1	2	2	0	0.15	0.15	0	-0.08	-0.13	0	0	0	0	0	0
12/16/2023 11:03	44601 SALE_T2	1	1	0	0.2	0.4	0.2	-0.13	-0.17	0	0	0	0	0	0
12/16/2023 11:03	52501 PROG_T1	0	1	1	0	0.2	0.2	0.28	0.28	1	1	0	300	300	0
12/16/2023 11:04	29402 BELT_T1	2	1	-1	3.35	6.6	3.25	0	0	0	0	0	0	0	0
12/16/2023 11:04	65001 NEFF_T2	0	0	0	0	0	0	-1.21	-1.21	1	1	0	1200	1200	0
12/16/2023 11:05	43304 WATS_T2	0	0	0	0	0	0	-0.84	-0.86	0	0	0	0	0	0
12/16/2023 11:06	57403 SPAN_T1	0	1	1	0	0	0	0.13	0.14	0	0	0	0	0	0
12/16/2023 11:06	43304 WATS_T2	0	0	0	0	0	0	-0.84	-0.86	0	0	0	0	0	0
12/16/2023 11:06	59101 WALK_T2	2	3	1	0.3	0.4	0.1	0	0	0	0	0	0	0	0
12/16/2023 11:07	57401 SPAN_T1	2	2	0	0.15	0.4	0.25	0	0	0	0	0	0	0	0
12/16/2023 11:07	59102 WALK_T2	0	5	5	0	0.2	0.2	0	0	0	0	0	0	0	0
12/16/2023 11:08	57401 SPAN_T1	2	2	0	0.15	0.4	0.25	0	0	0	0	0	0	0	0
12/16/2023 11:08	56802 BENV_T2	2	2	0	0.35	0.4	0.05	-4.01	-3.95	0	0	0	0	0	0
12/16/2023 11:10	56802 BENV_T2	2	2	0	0.35	0.4	0.05	-2.63	-2.71	0	0	0	0	0	0
12/16/2023 11:10	41601 CLEV_T1	1	1	0	0.1	0.1	0	0	0	0	0	0	0	0	0
12/16/2023 11:10	55105 WERT_T1	0	0	0	0	0	0	-0.65	-0.65	1	1	0	900	900	0
12/16/2023 11:12	56802 BENV_T2	2	2	0	0.35	0.4	0.05	-1.32	-1.36	0	0	0	0	0	0
12/16/2023 11:12	41601 CLEV_T1	1	1	0	0.1	0.1	0	0	0	0	0	0	0	0	0
12/16/2023 11:12	53903 HALI_T2	2	3	1	0.7	0.5	-0.2	-0.22	-0.22	0	0	0	0	0	0
12/16/2023 11:13	40902 JESH_T1	1	0	-1	5.8	0	-5.8	-0.99	-0.98	0	0	0	0	0	0
12/16/2023 11:16	53903 HALI_T2	2	3	1	0.7	0.6	-0.1	-0.22	-0.22	0	0	0	0	0	0
12/16/2023 11:16	40101 HUNT_T2

12/16/2023 11:49	51003 NHAR_T1	32	44	12	0.13	0.2	0.07	0	0	0	0	0	0	0	0
12/16/2023 11:50	27503 WEIS_T2	0	1	-1	0	0	0	0	0	0	0	0	0	0	0
12/16/2023 11:51	56501 ROCK_T2	166	128	-38	0.27	0.23	-0.04	-3.19	-3.14	0	0	0	0	0	0
12/16/2023 11:51	64101 REFR_T1	4	7	3	0.25	0.23	-0.02	-0.08	-0.14	0	0	0	0	0	0
12/16/2023 11:51	54206 PENN_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/16/2023 11:52	64101 REFR_T1	4	7	3	0.25	0.23	-0.02	-0.08	-0.14	0	0	0	0	0	0
12/16/2023 11:53	64101 REFR_T1	4	7	3	0.25	0.23	-0.02	-0.08	-0.14	0	0	0	0	0	0
12/16/2023 11:53	56501 ROCK_T2	166	128	-38	0.27	0.23	-0.04	-1.59	-1.57	0	0	0	0	0	0
12/16/2023 11:54	46004 BERW_T2	0	0	0	0	0	0	0	-0.77	-0.79	0	0	0	0	0
12/16/2023 11:54	20401 ASHF_T2	1	0	-1	0.1	0	-0.1	0	0	0	0	0	0	0	0
12/16/2023 11:55	64101 REFR_T1	4	7	3	0.25	0.23	-0.02	-0.14	-0.12	0	0	0	0	0	0
12/16/2023 11:55	44301 BEAV_T2	1	0	-1	0.1	0	-0.1	-0.86	-1.03	1	1	0	600	600	0
12/16/2023 11:56	20403 ASHF_T2	1	0	-1	0.1	0	-0.1	0.12	0.14	0	0	0	0	0	0
12/16/2023 11:56	44301 BEAV_T2	1	0	-1	0.1	0	-0.1	-0.86	-1.03	1	1	0	600	600	0
12/16/2023 12:02	65001 NEFF_T2	0	0	0	0	0	0	-1.2	-1.19	1	1	0	1200	1200	0
12/16/2023 12:03	64801 MONE_T2	0	1	1	0	0.2	0.2	0.27	0.25	0	0	0	0	0	0
12/16/2023 12:05	58402 MORO_T1	0	0	0	0	0	0	-1.06	-1.08	4	4	0	3000	3000	0
12/16/2023 12:07	67204 TEHI_T2	1	0	-1	0.1	0	-0.1	-0.22	-0.24	0	0	0	0	0	0
12/16/2023 12:08	49803 UNIV_T1	0	0	0	0	0	0	-1.06	-1.05	0	0	0	0	0	0
12/16/2023 12:09	67204 TEHI_T2	1	0	-1	0.1	0	-0.1	-0.24	-0.26	0	0	0	0	0	0
12/16/2023 12:10	20403 ASHF_T2	0	0	0	0	0	0	0.14	0.13	0	0	0	0	0	0
12/16/2023 12:15	54505 ENOL_T2	1	1	0	0.7	0.9	0.2	-1.31	-1.33	1	1	0	600	600	0
12/16/2023 12:23	66701 STRA_T1	1	1	0	1.1	1.4	0.3	0	0	0	0	0	0	0	0
12/16/2023 12:29	62607 ENGL_T1	0	0	0	0	0	0	-1.08	-1.07	1	1	0	300	300	0
12/16/2023 12:29	54501 ENOL_T2	0	0	0	0	0	0	-0.55	-0.53	1	1	0	600	600	0
12/16/2023 12:34	65001 NEFF_T2	0	0	0	0	0	0	-1.09	-1.27	1	1	0	1200	1200	0
12/16/2023 12:36	58003 WCAR_T1	1	5	4	1.3	0.48	-0.82	-0.16	-0.18	1	1	0	600	600	0
12/16/2023 12:36	56501 ROCK_T2	8	8	0	0.39	0.36	-0.03	-1.03	-1.03	0	0	0	0	0	0
12/16/2023 12:37	56501 ROCK_T2	8	8	0	0.39	0.36	-0.03	-1.03	-1.03	0	0	0	0	0	0
12/16/2023 12:38	56501 ROCK_T2	8	8	0	0.39	0.36	-0.03	-2.06	-2.07	0	0	0	0	0	0
12/16/2023 12:39	58003 WCAR_T1	1	5	4	1.3	0.48	-0.82	-0.18	-0.13	1	1	0	600	600	0
12/16/2023 12:44	54505 ENOL_T2	1	1	0	0.8	0.9	0.1	0	0	0	0	0	0	0	0
12/16/2023 12:48	50506 MECH_T1	0	0	0	0	0	0	-0.08	-0.13	0	0	0	0	0	0
12/16/2023 12:48	64101 REFR_T1	53	50	-3	0.24	0.22	-0.02	-0.15	-0.12	0	0	0	0	0	0
12/16/2023 12:50	64101 REFR_T1	53	50	-3	0.24	0.22	-0.02	-0.29	-0.24	0	0	0	0	0	0
12/16/2023 12:50	58402 MORO_T1	0	0	0	0	0	0	-0.59	-0.56	2	2	0	1500	1500	0
12/16/2023 12:53	64101 REFR_T1	53	50	-3	0.24	0.22	-0.02	-0.15	-0.12	0	0	0	0	0	0
12/16/2023 12:58	26803 JAFR_T1	0	0	0	0.3	0	0	-0.33	-0.32	1	1	0	900	900	0
12/16/2023 13:01	46903 MNTG_T2	18	46	28	0.3	0.29	-0.01	-0.14	-0.09	1	1	0	600	600	0
12/16/2023 13:02	57403 SPAN_T1	1	4	3	0.5	0.23	-0.27	0.05	0.02	0	0	0	0	0	0
12/16/2023 13:04	46903 MNTG_T2	18	46	28	0.3	0.29	-0.01	-0.28	-0.18	2	2	0	1200	1200	0
12/16/2023 13:08	44301 BEAV_T2	0	1	1	0	0.2	0.2	-1.02	-1.07	1	1	0	600	600	0
12/16/2023 13:12	54505 ENOL_T2	1	1	0	0.8	0.8	0	0	0	0	0	0	0	0	0
12/16/2023 13:13	54502 ENOL_T2	0	1	1	0	0.2	0.2	-2.06	-2.06	1	1	0	600	600	0
12/16/2023 13:14	54502 ENOL_T2	0	1	1	0	0.2	0.2	-2.06	-2.06	1	1	0	600	600	0
12/16/2023 13:17	61203 MGTN_T1	0	0	0	0	0	0	-0.25	-0.22	1	1	0	600	600	0
12/16/2023 13:20	53903 HALI_T2	3	3	0	0.63	0.73	0.1	-0.2	-0.24	0	0	0	0	0	0
12/16/2023 13:21	66901 SHIL_T2	6	17	11	0.33	0.24	-0.09	-1.84	-1.84	1	1	0	1200	1200	0
12/16/2023 13:21	65001 NEFF_T2	0	0	0	0	0	0	-1.13	-1.27	1	1	0	1200	1200	0
12/16/2023 13:22	50201 HARR_T3	2	2	0	4.75	4.75	0	-0.55	-0.55	1	1	0	1200	1200	0
12/16/2023 13:24	66901 SHIL_T2	6	17	11	0.33	0.24	-0.09	-1.84	-1.84	1	1	0	1200	1200	0
12/16/2023 13:29	59301 MCAL_T1	36	36	0	0.28	0.31	0.03	0	0	0	0	0	0	0	0
12/16/2023 13:29	52202 DEVO_T2	0	0	0	0	0	0	-1.45	-1.45	0	0	0	0	0	0
12/16/2023 13:30	59301 MCAL_T1	35	19	-16	0.3	0.34	0.04	-1.38	-1.39	0	0	0	0	0	0
12/16/2023 13:30	53901 HALI_T2	1	1	0	0.1	0.1	0	0	0	0	0	0	0	0	0
12/16/2023 13:31	65503 MOJO_T2	0	0	0	0	0	0	-0.47	-0.47	0	0	0	0	0	0
12/16/2023 13:33	65503 MOJO_T2	0	0	0	0	0	0	-0.47	-0.47	0	0	0	0	0	0
12/16/2023 13:34	60501 NMAN_T2	3	3	0	4.67	5	0.33	0	0	0	0	0	0	0	0
12/16/2023 13:51	56501 ROCK_T2	4	7	3	0.5	0.56	0.06	0	0	0	0	0	0	0	0
12/16/2023 13:52	66701 STRA_T1	1	1	0	0.8	0.4	-0.4	0	0	0	0	0	0	0	0
12/16/2023 13:55	56501 ROCK_T2	4	7	3	0.5	0.56	0.06	0	0	0	0	0	0	0	0
12/16/2023 13:55	46001 BERW_T1	0	0	0	0	0	0	0.99	0.93	0	0	0	0	0	0
12/16/2023 13:56	46001 BERW_T1	0	0	0	0	0	0	0.99	0.93	0	0	0	0	0	0
12/16/2023 13:58	65001 NEFF_T2	0	0	0	0	0	0	-1.19	-1.25	1	1	0	1200	1200	0
12/16/2023 13:58	17802 GILB_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/16/2023 14:00	17802 GILB_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/16/2023 14:04	64101 REFR_T1	91	85	-6	0.33	0.31	-0.02	-0.23	-0.31	0	0	0	0	0	0
12/16/2023 14:04	46302 ROHR_T1	5	4	-1	0.96	0.98	0.02	-0.94	-0.94	0	0	0	0	0	0
12/16/2023 14:05	64101 REFR_T1	91	85	-6	0.33	0.31	-0.02	-0.12	-0.15	0	0	0	0	0	0
12/16/2023 14:06	64101 REFR_T1	91	85	-6	0.33	0.31	-0.02	-0.12	-0.15	0	0	0	0	0	0
12/16/2023 14:08	56802 BENV_T2	3	3	0	0.73	0.57	-0.16	-4.09	-4.04	0	0	0	0	0	0
12/16/2023 14:08	66703 STRA_T1	5	6	1	0.4	0.32	-0.08	-0.17	-0.2	0	0	0	0	0	0
12/16/2023 14:09	56802 BENV_T2	3	3	0	0.73	0.57	-0.16	-5.39	-5.56	0	0	0	0	0	0
12/16/2023 14:10	56802 BENV_T2	3	3	0	0.73	0.57	-0.16	-1.35	-1.39	0	0	0	0	0	0
12/16/2023 14:11	56802 BENV_T2	3	3	0	0.73	0.57	-0.16	-1.35	-1.39	0	0	0	0	0	0
12/16/2023 14:11	60803 BUCK_T1	9	7	-2	0.19	0.26	0.07	0	0	0	0	0	0	0	0
12/16/2023 14:12	60801 BUCK_T1	1	6	5	0.1	0.12	0.02	0	0	0	0	0	0	0	0
12/16/2023 14:12	56802 BENV_T2	3	3	0	0.73	0.57	-0.16	-2.69	-2.78	0	0	0	0	0	0
12/16/2023 14:13	56802 BENV_T2	3	3	0	0.73	0.57	-0.16	-1.35	-1.39	0	0	0	0	0	0
12/16/2023 14:16	52006 LING_T2	3	3	0	1.13	0.97	-0.16	0	0	0	0	0	0	0	0
12/16/2023 14:17	64301 LINC_T1	0	0	0	0	0	0	0.13	0.13	0	0	0	0	0	0
12/16/2023 14:18	44601 SALE_T2	1	1	0	0.8	1.1	0.3	-0.18	-0.19	0	0	0	0	0	0
12/16/2023 14:19	46302 ROHR_T1	4	4	0	0.88	0.93	0.05	-0.47	-0.48	0	0	0	0	0	0
12/16/2023 14:20	46302 ROHR_T1	4	4	0	0.88	0.93	0.05	-0.47	-0.48	0	0	0	0	0	0
12/16/2023 14:21	59101 WALK_T2	1	1	0	0	0	0	1.29	1.39	0	0	0	0	0	0
12/16/2023 14:22	59101 WALK_T2	1	1	0	0	0	0	1.29	1.39	0	0	0	0	0	0
12/16/2023 14:22	46001 BERW_T1	0	0	0	0	0	0	0.93	0.83	0	0	0	0	0	0
12/16/2023 14:23	46001 BERW_T1	0	0	0	0	0	0	0.83	0.79	0	0	0	0	0	0
12/16/2023 14:24	67402 WAKE_T2	0	0	0	0	0	0	0.15	0.13	0	0	0	0	0	0
12/16/2023 14:24	59101 WALK_T2	1	1	0	0	0	0	1.39	1.37	0	0	0	0	0	0
12/16/2023 14:24	20403 ASHF_T2	0	0	0	0	0	0	0.06	0.08	0	0	0	0	0	0
12/16/2023 14:24	67402 WAKE_T2	0	0	0	0	0	0	0.15	0.13	0	0	0	0	0	0
12/16/2023 14:24	56802 BENV_T2	2	3	1	0.8	0.5	-0.3	-4.17	-4.1	0	0	0	0	0	0
12/16/2023 14:25	61703 ELIZ_T1	8	18	10	0.24	0.19	-0.05	-2.11	-1.92	1	1	0	900	900	0
12/16/2023 14:25	56802 BENV_T2	2	3	1	0.8	0.5	-0.3	-5.56	-5.47	0	0	0	0	0	0
12/16/2023 14:26	56802 BENV_T2	2	3	1	0.8	0.5	-0.3	-1.39	-1.37	0	0	0	0	0	0
12/16/2023 14:26	67401 WAKE_T2	0	0	0	0	0	0	-0.93	-0.92	0	0	0	0	0	0
12/16/2023 14:29	17802 GILB_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/16/2023 14:30	61703 ELIZ_T1	18	0	-18	0.19	0	-0.19	-4.21	-3.85	2	2	0	1800	1800	0
12/16/2023 14:32	17802 GILB_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/16/2023 14:32	60803 BUCK_T1	6	8	2	0.22	0.18	-0.04	0	0	0	0	0	0	0	0
12/16/2023 14:34	44601 SALE_T2	1	1	0	1	1.1	0.1	-0.19	-0.17	0	0	0	0	0	0
12/16/2023 14:35	64101 REFR_T1	81	65	-16	0.31	0.26	-0.05	-0.16	-0.12	0	0	0	0	0	0
12/16/2023 14:35	46302 ROHR_T1	4	4	0	0.9	0.8	-0.1	-0.96	-0.96	0	0	0	0	0	0
12/16/2023 14:36	67402 WAKE_T2	0	0	0	0	0	0	0.15	0.13	0	0	0	0	0	0
12/16/2023 14:37	59101 WALK_T2	1	1	0	0	0	0	1.39	1.37	0	0	0	0	0	0
12/16/2023 14:37	57403 SPAN_T1	0	3	3	0	0.17	0.17	0.02	0.01	0	0	0	0	0	0
12/16/2023 14:38	42201 SHEN_T2	0	0	0	0	0	0	0.4	0.39	0	0	0	0	0	0
12/16/2023 14:38	64101 REFR_T1	81	65	-16	0.31	0.26	-0.05	-0.33	-0.25	0	0	0	0	0	0
12/16/2023 14:38	59101 WALK_T2	1	1	0	0	0	0	1.39	1.37	0	0	0	0	0	0
12/16/2023 14:39	60801 BUCK_T1	3	5	2	0.1	0.1	0	0	0	0	0	0	0	0	0
12/16/2023 14:39	67401 WAKE_T2	0	0	0	0	0	0	-0.92	-0.92	0	0	0	0	0	0
12/16/2023 14:40	59101 WALK_T2	1	1	0	0	0	0	1.37	1.29	0	0	0	0	0	0
12/16/2023 14:40	56802 BENV_T2	3	1	-2	0.5	1	0.5	-8.2	-8.37	0	0	0	0	0	0
12/16/2023 14:41	61303 EARL_T1	0	0	0	0	0	0	-0.07	-0.02	0	0	0	0	0	0
12/16/2023 14:42	56802 BENV_T2	3	1	-2	0.5	1	0.5	-2.73	-2.79	0	0	0	0	0	0
12/16/2023 14:45	17802 GILB_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/16/2023 14:48	52004 LING_T2	1	1	0	0.2	0	-0.2	0.09	0.11	0	0	0	0	0	0
12/16/2023 14:48	26803 JAFR_T1	0	0	0	0.3	0	0	-0.32	-0.38	1	1	0	900	900	0
12/16/2023 14:49	44601 SALE_T2	1	1	0	1.1	0.9	-0.2	-0.17	-0.18	0	0	0	0	0	0
12/16/2023 14:51	57401 SPAN_T1	2	2	0	0.2	0.35	0.15	0	0	0	0	0	0	0	0
12/16/2023 14:51	46302 ROHR_T1	4	4	0	0.58	1.2	0.62	-0.96	-0.96	0	0	0	0	0	0
12/16/2023 14:53	56803 BENV_T1	1	1	0	1.1	0	-1.1	0	0	0	0	0	0	0	0
12/16/2023 14:53	46001 BERW_T1	0	0	0	0	0	0	0.77	0.77	0	0	0	0	0	0
12/16/2023 14:53	45501 DERR_T2	1	2	1	0.2	0.4	0.2	-0.84	-0.82	2	2	0	1800	1800	0
12/16/2023 14:54	46001 BERW_T1	0	0	0	0	0	0	1.54	1.54	0	0	0	0	0	0
12/16/2023 14:54	45501 DERR_T2	1	2	1	0.2	0.4	0.2	-0.84	-0.82	2	2	0	1800	1800	0
12/16/2023 14:55	56802 BENV_T2	1	1	0	1	0.8	-0.2	-2.79	-2.81	0	0	0	0	0	0
12/16/2023 14:58	45501 DERR_T2	1	2	1	0.2	0.4	0.2	-0.84	-0.82	2	2	0	1800	1800	0
12/16/2023 14:58	56803 BENV_T1	1	1	0	1.1	0	-1.1	0	0	0	0	0	0	0	0
12/16/2023 15:01	46903 MNTG_T2	29	61	32	0.22	0.2	-0.02	-0.18	-0.18	1	1	0	600	600	0
12/16/2023 15:06	59101 WALK_T2	1	1	0	0	0	0	1.29	1.34	0	0	0	0	0	0
12/16/2023 15:06	65001 NEFF_T2	0	0	0	0	0	0	-1.21	-1.29	1	1	0	1200	1200	0
12/16/2023 15:09	59101 WALK_T2	1	1	0	0	0	0	1.34	1.39	0	0	0	0	0	0
12/16/2023 15:10	59101 WALK_T2	1	1	0	0	0	0	1.34	1.39	0	0	0	0	0	0
12/16/2023 15:25	56802 BENV_T2	0	1	1	0	0.1	0.1	-1.4	-1.33	0	0	0	0	0	0
12/16/2023 15:27	56802 BENV_T2	0	1	1	0	0.1	0.1	-2.79	-2.66	0	0	0	0	0	0
12/16/2023 15:38	40502 CRES_T2	7	1	-6	0.13	0.1	-0.03	-0.4	-0.42	0	0	0	0	0	0
12/16/2023 15:42	40502 CRES_T2	7	1	-6	0.13	0.1	-0.03	-0.8	-0.84	0	0	0	0	0	0
12/16/2023 15:45	46801 HEPB_T2	2	2	0	0.25	0.1	-0.15	0.61	0.61	0	0	0	0	0	0
12/16/2023 15:54	67103 SPRI_T1	0	0	0	0	0	0	-0.2	-0.2	0	0	0	0	0	0
12/16/2023 16:02	60501 NMAN_T2	3	3	0	5.07	4.23	-0.84	0	0	0	0	0	0	0	0
12/16/2023 16:14	65001 NEFF_T2	0	0	0	0	0	0	-1.24	-1.25	1	1	0	1200	1200	0
12/16/2023 16:42	40502 CRES_T2	10	1	-9	0.24	0.1	-0.14	-1.04	-1.09	0	0	0	0	0	0
12/16/2023 16:44	40502 CRES_T2	10	1	-9	0.24	0.1	-0.14	-0.35	-0.36	0	0	0	0	0	0
12/16/2023 17:02	65001 NEFF_T2	0	0	0	0	0	0	-1.23	-1.23	1	1	0	1200	1200	0
12/16/2023 17:28	65001 NEFF_T2	0	0	0	0	0	0	-1.19	-1.33	1	1	0	1200	1200	0
12/16/2023 17:45	45501 DERR_T2	0	0	0	0	0	0	-0.63	-0.6	2	2	0	1800	1800	0
12/16/2023 18:18	59402 RFLD_T2	0	0	0	0	0	0	-0.81	-0.81	1	1	0	450	450	0
12/16/2023 18:29	62607 ENGL_T1	0	0	0	0	0	0	-1.03	-1.03	1	1	0	300	300	0
12/16/2023 18:30	29402 BELT_T1	1	1	0	6	6.1	0.1	0	0	0	0	0	0	0	0
12/16/2023 18:31	46302 ROHR_T1	2	2	0	0.45	1	0.55	-0.44	-0.41	0	0	0	0	0	0
12/16/2023 18:32	48302 ORWI_T2	2	2	0	0.8	0.9	0.1	-0.59	-0.6	0	0	0	0	0	0
12/16/2023 18:32	29402 BELT_T1	1	1	0	6	6.1	0.1	0	0	0	0	0	0	0	0
12/16/2023 18:32	39601 LNFD_T1	0	7	7	0	0	0	0	0	1	1	0	900	900	0
12/16/2023 18:32	27502 WEIS_T2	0	0	0	0	0	0	-0.54	-0.51	0	0	0	0	0	0
12/16/2023 18:33	17802 GILB_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/16/2023 18:33	16302 ALPA_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/16/2023 18:34	51003 NHAR_T1	1	1	0	1.4	1.5	0.1	0	0	0	0	0	0	0	0
12/16/2023 18:34	26803 JAFR_T1	0	0	0	0	0	0	-0.34	-0.39	1	1	0	900	900	0
12/16/2023 18:34	20403 ASHF_T2	0	0	0	0	0	0	0.3	0.29	0	0	0	0	0	0
12/16/2023 18:35	26401 INOR_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/16/2023 18:35	46001 BERW_T1	2	2	0	1.55	0	-1.55	0.66	0.63	0	0	0	0	0	0
12/16/2023 18:35	67103 SPRI_T1	0	0	0	0	0	0	-0.18	-0.19	0	0	0	0	0	0
12/16/2023 18:36	17802 GILB_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/16/2023 18:36	46903 MNTG_T2	0	0	0	0	0	0	-0.17	-0.13	1	1	0	600	600	0
12/16/2023 18:36	29401 BELT_T1	0	0	0	0	0	0	0	0	1	1	0	900	900	0
12/16/2023 18:36	10805 CHHI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/16/2023 18:36	48302 ORWI_T2	2	2	0	0.8	0.9	0.1	-0.59	-0.6	0	0	0	0	0	0
12/16/2023 18:36	25402 LAHA_T2	0	0	0	0	0	0	-0.76	-0.76	0	0	0	0	0	0
12/16/2023 18:36	60101 COCA_T1	0	0	0	0	0	0	0.22	0.22	0	0	0	0	0	0
12/16/2023 18:37	57401 SPAN_T1	0	0	0	0	0	0	-0.88	-0.84	1	1	0	600	600	0
12/16/2023 18:37	43304 WATS_T2	1	1	0	0.1	0	-0.1	-0.89	-0.93	0	0	0	0	0	0
12/16/2023 18:37	67502 WEWI_T2	0	0	0	0	0	0	-1.45	-1.5	1	1	0	900	900	0
12/16/2023 18:37	47401 PENS_T1	0	0	0	0	0	0	0.62	0.66	0	0	0	0	0	0
12/16/2023 18:37	52102 MEIS_T1	0	0	0	0	0	0	0	0	1	1	0	450	450	0
12/16/2023 18:38	52006 LING_T2	1	2	1	0.1	0.25

12/16/2023 18:42	53601 DALM_T2	0	1	1	0	0.1	0.1	-0.18	-0.16	0	0	0	0	0	0
12/16/2023 18:42	63404 HONY_T1	2	2	0	7.15	7.35	0.2	0	0	0	0	0	0	0	0
12/16/2023 18:42	61701 ELIZ_T1	1	1	0	3.8	4.8	1	0	0	0	0	0	0	0	0
12/16/2023 18:42	40502 CRES_T2	4	0	-4	0.18	0	-0.18	-0.29	-0.3	0	0	0	0	0	0
12/16/2023 18:42	56802 BENV_T2	0	0	0	0	0	0	-4.22	-4.19	0	0	0	0	0	0
12/16/2023 18:42	41801 GOCI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/16/2023 18:42	40101 HUNT_T2	0	1	1	0	0	0	-0.57	-0.56	0	0	0	0	0	0
12/16/2023 18:42	20401 ASHF_T2	1	1	0	0.9	0	-0.9	0	0	0	0	0	0	0	0
12/16/2023 18:42	67503 WEWI_T2	0	0	0	0	0	0	-0.35	-0.33	0	0	0	0	0	0
12/16/2023 18:42	43304 WATS_T2	1	1	0	0.1	0	-0.1	-1.87	-1.82	0	0	0	0	0	0
12/16/2023 18:42	65001 NEFF_T2	0	0	0	0	0	0	-1.21	-1.27	1	1	0	1200	1200	0
12/16/2023 18:42	53903 HALI_T2	2	0	-2	0.1	0	-0.1	-0.22	-0.24	0	0	0	0	0	0
12/16/2023 18:42	45802 HEGI_T2	0	0	0	0	0	0	0.11	0.15	0	0	0	0	0	0
12/16/2023 18:42	17802 GILB_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/16/2023 18:43	67502 WEWI_T2	0	0	0	0	0	0	-3.01	-3.01	2	2	0	1800	1800	0
12/16/2023 18:43	61303 EARL_T1	0	0	0	0	0	0	0.01	0.03	0	0	0	0	0	0
12/16/2023 18:43	61801 EELI_T2	0	0	0	0	0	0	-2.04	-2	2	2	0	1200	1200	0
12/16/2023 18:43	64101 REFR_T1	0	0	0	0	0	0	-0.12	-0.12	0	0	0	0	0	0
12/16/2023 18:43	43401 BENT_T1	0	1	1	0	0	0	0	0	0	0	0	0	0	0
12/16/2023 18:43	43202 MVIL_T2	0	0	0	0	0	0	-1.38	-1.38	0	0	0	0	0	0
12/16/2023 18:43	43301 WATS_T2	0	0	0	0	0	0	-0.74	-0.72	1	1	0	900	900	0
12/16/2023 18:43	46004 BERW_T2	0	1	1	0	0	0	-0.81	-0.78	0	0	0	0	0	0
12/16/2023 18:43	67504 WEWI_T1	0	0	0	0	0	0	-0.14	-0.12	0	0	0	0	0	0
12/16/2023 18:43	55002 NEWP_T1	4	4	0	0.33	0.75	0.42	-0.23	-0.24	0	0	0	0	0	0
12/16/2023 18:43	45501 DERR_T2	0	0	0	0	0	0	-0.62	-0.6	2	2	0	1800	1800	0
12/16/2023 18:43	52502 PROG_T2	0	0	0	0	0	0	-0.68	-0.67	1	1	0	900	900	0
12/16/2023 18:43	56802 BENV_T2	0	0	0	0	0	0	-2.81	-2.79	0	0	0	0	0	0
12/16/2023 18:44	46001 BERW_T1	2	2	0	1.55	0	-1.55	0.63	0.69	0	0	0	0	0	0
12/16/2023 18:44	56501 ROCK_T2	1	0	-1	1	1.7	0.7	-1.9	-1.91	0	0	0	0	0	0
12/16/2023 18:44	56501 ROCK_T2	1	1	0	1	1.7	0.7	-1.9	-1.91	0	0	0	0	0	0
12/16/2023 18:44	51401 LYKE_T1	0	0	0	0	0	0	0.25	0.25	0	0	0	0	0	0
12/16/2023 18:44	56801 BENV_T1	8	10	2	0.3	0.38	0.08	-0.68	-0.69	1	1	0	600	600	0
12/16/2023 18:44	67503 WEWI_T2	0	0	0	0	0	0	-0.35	-0.33	0	0	0	0	0	0
12/16/2023 18:44	58402 MORO_T1	1	0	-1	0.2	0	-0.2	-0.37	-0.32	2	2	0	1500	1500	0
12/16/2023 18:44	40502 CRES_T2	4	0	-4	0.18	0	-0.18	-0.29	-0.3	0	0	0	0	0	0
12/16/2023 18:44	67103 SPRI_T1	0	0	0	0	0	0	-0.19	-0.19	0	0	0	0	0	0
12/16/2023 18:44	41601 CLEV_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/16/2023 18:44	56802 BENV_T2	0	0	0	0	0	0	-1.41	-1.4	0	0	0	0	0	0
12/16/2023 18:44	42201 SHEN_T2	0	0	0	0	0	0	0.4	0.42	0	0	0	0	0	0
12/16/2023 18:44	59101 WALK_T2	1	1	0	0	0	0	0.95	1.11	1	1	0	450	450	0
12/16/2023 18:45	57401 SPAN_T1	0	0	0	0	0	0	-1.68	-1.76	2	2	0	1200	1200	0
12/16/2023 18:45	67502 WEWI_T2	0	0	0	0	0	0	-3.01	-3.01	2	2	0	1800	1800	0
12/16/2023 18:45	45501 DERR_T2	0	1	-1	0	0	0	-0.62	-0.6	2	2	0	1800	1800	0
12/16/2023 18:45	46001 BERW_T1	2	0	-2	0.25	0	-0.25	1.27	1.38	0	0	0	0	0	0
12/16/2023 18:45	56501 ROCK_T2	1	1	0	1.8	1	-0.8	0	0	0	0	0	0	0	0
12/16/2023 18:45	42903 MIDD_T2	2	2	0	0.5	0.8	0.3	-1.35	-1.35	1	1	0	1200	1200	0
12/16/2023 18:45	60803 BUCK_T1	0	0	0	0	0	0	-0.89	-0.89	1	1	0	600	600	0
12/16/2023 18:45	52501 PROG_T1	0	0	0	0	0	0	0.19	0.21	1	1	0	300	300	0
12/16/2023 18:45	43001 ALWD_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/16/2023 18:45	55002 NEWP_T1	4	4	0	0.53	0.8	0.27	-0.23	-0.24	0	0	0	0	0	0
12/16/2023 18:45	56802 BENV_T2	0	0	0	0	0	0	-2.81	-2.79	0	0	0	0	0	0
12/16/2023 18:45	64101 REFR_T1	0	0	0	0	0	0	-0.12	-0.12	0	0	0	0	0	0
12/16/2023 18:45	46801 HEPB_T2	0	0	0	0	0	0	0.62	0.63	0	0	0	0	0	0
12/16/2023 18:45	43304 WATS_T2	0	1	1	0	0.1	0.1	-0.93	-0.91	0	0	0	0	0	0
12/16/2023 18:46	55002 NEWP_T1	4	4	0	0.53	0.8	0.27	-0.46	-0.48	0	0	0	0	0	0
12/16/2023 18:46	45802 HEGI_T2	0	0	0	0	0	0	0.11	0.15	0	0	0	0	0	0
12/16/2023 18:46	42201 SHEN_T2	0	0	0	0	0	0	0.4	0.42	0	0	0	0	0	0
12/16/2023 18:46	20403 ASHF_T2	0	0	0	0	0	0	0.29	0.23	0	0	0	0	0	0
12/16/2023 18:46	67401 WAKE_T2	0	0	0	0	0	0	-1.08	-1.08	0	0	0	0	0	0
12/16/2023 18:46	56802 BENV_T2	0	0	0	0	0	0	-1.41	-1.4	0	0	0	0	0	0
12/16/2023 18:46	59101 WALK_T2	1	1	0	0	0	0	0.95	1.11	1	1	0	450	450	0
12/16/2023 18:46	43304 WATS_T2	0	1	1	0	0.1	0.1	-0.93	-0.91	0	0	0	0	0	0
12/16/2023 18:46	57403 SPAN_T1	0	0	1	0	0	0	0.05	0.05	0	0	0	0	0	0
12/16/2023 18:46	56501 ROCK_T2	1	1	0	1.8	1	-0.8	-0.95	-0.96	0	0	0	0	0	0
12/16/2023 18:46	41801 GOCI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/16/2023 18:47	56501 ROCK_T2	1	1	0	1.8	1	-0.8	-0.95	-0.96	0	0	0	0	0	0
12/16/2023 18:47	61701 ELIZ_T1	1	1	0	4.1	5.1	1	0	0	0	0	0	0	0	0
12/16/2023 18:47	56802 BENV_T2	0	0	0	0	0	0	-4.22	-4.19	0	0	0	0	0	0
12/16/2023 18:47	52102 MEIS_T1	0	0	0	0	0	0	0	0	1	1	0	450	450	0
12/16/2023 18:47	52004 LING_T2	1	0	-1	0.3	0.4	0.1	0.17	0.2	0	0	0	0	0	0
12/16/2023 18:47	51107 CARL_T1	0	0	0	0	0	0	-0.79	-0.81	0	0	0	0	0	0
12/16/2023 18:47	46302 ROHR_T1	2	4	2	1	1	0	-0.41	-0.43	0	0	0	0	0	0
12/16/2023 18:47	55002 NEWP_T1	4	4	0	0.53	0.8	0.27	-0.23	-0.24	0	0	0	0	0	0
12/16/2023 18:47	60201 ATGL_T2	0	0	0	0	0	0	0.19	0.16	0	0	0	0	0	0
12/16/2023 18:47	54701 NEBL_T1	0	0	0	0	0	0	0	0	1	1	0	600	600	0
12/16/2023 18:47	67503 WEWI_T2	0	0	0	0	0	0	-0.35	-0.33	0	0	0	0	0	0
12/16/2023 18:47	64101 REFR_T1	0	0	0	0	0	0	-0.12	-0.12	0	0	0	0	0	0
12/16/2023 18:48	50107 HARR_T3	0	2	2	0	0.4	0.4	0	0	0	0	0	0	0	0
12/16/2023 18:48	52102 MEIS_T1	0	0	0	0	0	0	0	0	1	1	0	450	450	0
12/16/2023 18:48	59101 WALK_T2	1	1	0	0	0	0	0	0	0	0	0	0	0	0
12/16/2023 18:48	41902 REED_T1	0	2	2	0	0	0	0.9	0.89	0	0	0	0	0	0
12/16/2023 18:48	40101 HUNT_T2	0	2	2	0	0	0	-0.57	-0.56	0	0	0	0	0	0
12/16/2023 18:48	40502 CRES_T2	0	0	0	0	0	0	-0.59	-0.6	0	0	0	0	0	0
12/16/2023 18:48	56802 BENV_T2	0	0	0	0	0	0	-2.81	-2.79	0	0	0	0	0	0
12/16/2023 18:48	67401 WAKE_T2	0	0	0	0	0	0	-1.08	-1.08	0	0	0	0	0	0
12/16/2023 18:48	57403 SPAN_T1	0	1	1	0	0	0	0	0	0	0	0	0	0	0
12/16/2023 18:48	43304 WATS_T2	0	1	1	0	0.1	0.1	-0.93	-0.91	0	0	0	0	0	0
12/16/2023 18:49	56501 ROCK_T2	1	1	0	1.8	1	-0.8	0	0	0	0	0	0	0	0
12/16/2023 18:49	43001 ALWD_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/16/2023 18:49	61801 EELI_T2	0	0	0	0	0	0	-1.02	-1	1	1	0	600	600	0
12/16/2023 18:49	43304 WATS_T2	0	1	1	0	0.1	0.1	-0.93	-0.91	0	0	0	0	0	0
12/16/2023 18:49	56801 BENV_T1	9	10	1	0.31	0.46	0.15	-0.68	-0.69	1	1	0	600	600	0
12/16/2023 18:49	52102 MEIS_T1	0	0	0	0	0	0	0	0	1	1	0	450	450	0
12/16/2023 18:50	40502 CRES_T2	0	0	0	0	0	0	-0.29	-0.3	0	0	0	0	0	0
12/16/2023 18:50	53903 HALI_T2	0	2	2	0	0.1	0.1	0	0	0	0	0	0	0	0
12/16/2023 18:50	41902 REED_T1	0	2	2	0	0	0	1.8	1.77	0	0	0	0	0	0
12/16/2023 18:50	45501 DERR_T2	0	1	1	0	0	0	-0.62	-0.6	2	2	0	1800	1800	0
12/16/2023 18:50	64101 REFR_T1	0	0	0	0	0	0	-0.12	-0.12	0	0	0	0	0	0
12/16/2023 18:50	49803 UNIV_T1	0	0	0	0	0	0	-1.08	-1.11	0	0	0	0	0	0
12/16/2023 18:50	45402 WBLO_T2	0	0	0	0	0	0	-0.71	-0.68	0	0	0	0	0	0
12/16/2023 18:51	56802 BENV_T2	0	0	0	0	0	0	-1.41	-1.4	0	0	0	0	0	0
12/16/2023 18:51	66703 STRA_T1	0	0	0	0	0	0	-0.27	-0.23	0	0	0	0	0	0
12/16/2023 18:51	53903 HALI_T2	0	2	2	0	0.1	0.1	-0.22	-0.24	0	0	0	0	0	0
12/16/2023 18:51	50105 HARR_T3	7	7	0	6.46	6.26	-0.2	0	0	0	0	0	0	0	0
12/16/2023 18:51	57403 SPAN_T1	0	1	1	0	0	0	0.05	0.05	0	0	0	0	0	0
12/16/2023 18:51	60101 COCA_T1	0	1	1	0	0	0	0.22	0.22	0	0	0	0	0	0
12/16/2023 18:52	65902 SAXR_T2	0	0	0	0	0	0	-0.53	-0.54	1	1	0	300	300	0
12/16/2023 18:52	64101 REFR_T1	0	0	0	0	0	0	-0.12	-0.12	0	0	0	0	0	0
12/16/2023 18:52	53903 HALI_T2	0	2	2	0	0.1	0.1	-0.22	-0.24	0	0	0	0	0	0
12/16/2023 18:52	40101 HUNT_T2	0	2	2	0	0	0	-0.57	-0.56	0	0	0	0	0	0
12/16/2023 18:52	58402 MORO_T1	0	0	0	0	0	0	-0.37	-0.32	2	2	0	1500	1500	0
12/16/2023 18:53	52102 MEIS_T1	0	0	0	0	0	0	0	0	1	1	0	450	450	0
12/16/2023 18:53	64101 REFR_T1	0	0	0	0	0	0	-0.12	-0.12	0	0	0	0	0	0
12/16/2023 18:54	55105 WERT_T1	0	0	0	0	0	0	-0.61	-0.61	1	1	0	900	900	0
12/16/2023 18:57	65001 NEFF_T2	0	0	0	0	0	0	-1.27	-1.29	1	1	0	1200	1200	0
12/16/2023 19:07	65001 NEFF_T2	0	0	0	0	0	0	-1.27	-1.29	1	1	0	1200	1200	0
12/16/2023 19:08	40901 JESH_T1	1	0	-1	0.5	0	-0.5	0	0	0	0	0	0	0	0
12/16/2023 19:19	42902 MIDD_T2	0	0	0	0	0	0	-1.29	-1.28	1	1	0	600	600	0
12/16/2023 19:47	57401 SPAN_T1	0	0	0	0	0	0	-0.8	-0.82	1	1	0	600	600	0
12/16/2023 19:49	65001 NEFF_T2	0	0	0	0	0	0	-1.33	-1.32	1	1	0	1200	1200	0
12/16/2023 19:53	47401 PENS_T1	0	0	0	0	0	0	0.66	0.64	0	0	0	0	0	0
12/16/2023 20:58	65001 NEFF_T2	0	0	0	0	0	0	-1.31	-1.37	1	1	0	1200	1200	0
12/16/2023 21:40	65001 NEFF_T2	0	0	0	0	0	0	-1.36	-1.41	1	1	0	1200	1200	0
12/16/2023 22:06	65001 NEFF_T2	0	5	5	0	0.14	0.14	-1.41	-1.41	1	1	0	1200	1200	0
12/16/2023 22:22	65001 NEFF_T2	4	8	4	0.1	0.15	0.05	-1.41	-1.48	1	1	0	1200	1200	0
12/16/2023 23:06	57401 SPAN_T1	0	2	2	0	0.15	0.15	0	0	0	0	0	0	0	0
12/16/2023 23:47	65001 NEFF_T2	20	88	68	0.13	0.13	0	-1.47	-1.45	1	1	0	1200	1200	0
12/17/2023 0:02	65001 NEFF_T2	84	65	-19	0.13	0.12	-0.01	-1.45	-1.44	1	1	0	1200	1200	0
12/17/2023 1:52	65001 NEFF_T2	0	0	0	0	0	0	-1.55	-1.52	1	1	0	1200	1200	0
12/17/2023 1:57	65001 NEFF_T2	0	0	0	0	0	0	-1.52	-1.55	1	1	0	1200	1200	0
12/17/2023 2:13	65001 NEFF_T2	0	0	0	0	0	0	-1.55	-1.58	1	1	0	1200	1200	0
12/17/2023 3:16	65001 NEFF_T2	0	0	0	0	0	0	-1.57	-1.58	1	1	0	1200	1200	0
12/17/2023 3:37	65001 NEFF_T2	0	0	0	0	0	0	-1.58	-1.57	1	1	0	1200	1200	0
12/17/2023 3:53	65001 NEFF_T2	0	0	0	0	0	0	-1.57	-1.52	1	1	0	1200	1200	0
12/17/2023 4:37	43402 BENT_T1	0	0	0	0	0	0	-1.58	-1.58	2	2	0	1500	1500	0
12/17/2023 5:22	65001 NEFF_T2	0	4	4	0	0.1	0.1	-1.55	-1.53	1	1	0	1200	1200	0
12/17/2023 5:59	65001 NEFF_T2	4	14	10	0.1	0.15	0.05	-1.47	-1.46	1	1	0	1200	1200	0
12/17/2023 6:14	65001 NEFF_T2	14	1	-13	0.15	0.1	-0.05	-1.46	-1.45	1	1	0	1200	1200	0
12/17/2023 6:30	65001 NEFF_T2	1	0	-1	0.1	0	-0.1	-1.45	-1.4	1	1	0	1200	1200	0
12/17/2023 7:12	65001 NEFF_T2	0	0	0	0	0	0	-1.43	-1.38	1	1	0	1200	1200	0
12/17/2023 7:22	65001 NEFF_T2	0	0	0	0	0	0	-1.43	-1.38	1	1	0	1200	1200	0
12/17/2023 7:33	65001 NEFF_T2	0	0	0	0	0	0	-1.38	-1.43	1	1	0	1200	1200	0
12/17/2023 7:54	43402 BENT_T1	0	1	1	0	0	0	-0.9	-0.9	1	1	0	900	900	0
12/17/2023 7:56	43402 BENT_T1	0	1	1	0	0	0	-0.9	-0.9	1	1	0	900	900	0
12/17/2023 7:59	46903 MNTG_T2	0	0	0	0	0	0	-0.15	-0.21	1	1	0	600	600	0
12/17/2023 8:00	52102 MEIS_T1	0	5	5	0	0.16	0.16	0	0	1	1	0	450	450	0
12/17/2023 8:01	46903 MNTG_T2	0	0	0	0	0	0	-0.3	-0.42	2	2	0	1200	1200	0
12/17/2023 8:01	52101 MEIS_T1	1	0	-1	0.2	0	-0.2	0	0	0	0	0	0	0	0
12/17/2023 8:02	54701 NEBL_T1	0	0	0	0	0	0	0	0	1	1	0	600	600	0
12/17/2023 8:04	65001 NEFF_T2	0	0	0	0	0	0	-1.37	-1.38	1	1	0	1200	1200	0
12/17/2023 8:06	54701 NEBL_T1	0	0	0	0	0	0	0	0	1	1	0	600	600	0
12/17/2023 8:11	43402 BENT_T1	0	1	1	0	1	1	-0.9	-0.89	1	1	0	900	900	0
12/17/2023 8:12	46803 HEPB_T2	1	1	0	0.1	0.1	0	0	0	0	0	0	0	0	0
12/17/2023 8:13	46803 HEPB_T2	1	1	0	0.1	0.1	0	0	0	0	0	0	0	0	0
12/17/2023 8:14	40101 HUNT_T2	0	0	0	0	0	0	-1.26	-1.25	0	0	0	0	0	0
12/17/2023 8:21	49803 UNIV_T1	1	2	1	0.1	0.1	0	-1.13	-1.15	0	0	0	0	0	0
12/17/2023 8:31	65001 NEFF_T2	0	0	0	0	0	0	-1.41	-1.34	1	1	0	1200	1200	0
12/17/2023 8:31	55002 NEWP_T1	4	4	0	0.45	0.6	0.15	-0.25	-0.23	0	0	0	0	0	0
12/17/2023 8:41	67103 SPRI_T1	0	0	0	0	0	0	-0.23	-0.23	0	0	0	0	0	0
12/17/2023 8:52	67103 SPRI_T1	0	0	0	0	0	0	-0.23	-0.23	0	0	0	0	0	0
12/17/2023 8:52	40502 CRES_T2	0	10	10	0	0.23	0.23	-0.3	-0.3	0	0	0	0	0	0
12/17/2023 9:00	67503 WEWI_T2	0	1	1	0	0	0	-0.34	-0.34	0	0	0	0	0	0
12/17/2023 9:00	50105 HARR_T3	7	7	0	5.89	6.06	0.17	0	0	0	0	0	0	0	0
12/17/2023 9:00	29401 BELT_T1	0	0	0	0	0	0	0	0	1	1	0	900	900	0
12/17/2023 9:00	59102 WALK_T2	0	0	0	0	0	0	-0.43	-0.42	1	1	0	600	600	0
12/17/2023 9:00	52102 MEIS_T1	0	0	0	0	0	0	0	0	1	1	0	450	450	0
12/17/2023 9:00	57401 SPAN_T1	0	0	0	0	0	0	-1.12	-1.13	1	1	0	600	600	0
12/17/2023 9:00	43001 ALWD_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/17/2023 9:00	57403 SPAN_T1	0	0	0	0	0	0	0.05	0.05	0	0	0	0	0	0
12/17/2023 9:00	43304 WATS_T2	5	5	0	0.54	0.2	-0.34	0.24	0.25	0	0	0	0	0	0
12/17/2023 9:00	40101 HUNT_T2	0	0	0	0	0	0	-1.17	-1.13	0	0	0	0	0	0
12/17/2023 9:00	46003 BERW_T2	1	1	0	1.2	1.6	0.4	0	0	0	0	0	0	0	0
12/17/2023 9:00	53903 HALI_T2	0	0	0	0	0	0	-0.14	-0.12	0	0	0	0	0	0
12/17/2023 9:00	59402 RIFL_T2	0	0	0	0	0	0	-0.8	-0.79	1	1	0	450	450	0
12/17/2023 9:01	46001 BERW_T1	0	0	0	0	0	0	0.59	0.62	0	0	0	0	0	0
12/17/2023 9:01	63404 HONY_T1	2	2	0	6.55	6.5	-0.05	0	0	0	0	0	0	0	0
12/17/2023 9:06	41901 REED_T1	2	3	1	0.2	0.37	0.17	0	0	0	0	0	0	0	0
12/17/2023 9:06	27502 WEIS_T2	0	0	0	0	0	0	0.05	0.01	0	0	0	0	0	0
12/17/2023 9:06	29402 BELT_T1	1	1	0	6	7.5	1.5	0	0	0	0	0	0	0	0
12/17/2023 9:07	43402 BENT_T1

12/17/2023 10:02	52101 MEIS_T1	0	1	1	0	0.5	0.5	0	0	0	0	0	0	0	0
12/17/2023 10:04	57401 SPAN_T1	0	0	0	0	0	0	-1.15	-1.13	1	1	0	600	600	0
12/17/2023 10:04	41901 REED_T1	1	2	1	0.1	0.2	0.1	0	0	0	0	0	0	0	0
12/17/2023 10:05	66504 SMAN_T2	0	0	0	0	0	0	-0.5	-0.49	0	0	0	0	0	0
12/17/2023 10:06	46302 ROHR_T1	2	4	2	0.75	0.75	0	-0.43	-0.43	0	0	0	0	0	0
12/17/2023 10:06	41901 REED_T1	1	2	1	0.1	0.2	0.1	0	0	0	0	0	0	0	0
12/17/2023 10:07	57401 SPAN_T1	0	0	0	0	0	0	-2.31	-2.26	2	2	0	1200	1200	0
12/17/2023 10:08	46302 ROHR_T1	2	4	2	0.75	0.75	0	-0.43	-0.41	0	0	0	0	0	0
12/17/2023 10:08	43304 WATS_T2	0	0	0	0	0	0	-0.56	-0.55	0	0	0	0	0	0
12/17/2023 10:08	43001 ALWD_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/17/2023 10:08	56803 BENV_T1	0	1	1	0	0.2	0.2	0	0	0	0	0	0	0	0
12/17/2023 10:09	43304 WATS_T2	0	0	0	0	0	0	-0.56	-0.55	0	0	0	0	0	0
12/17/2023 10:09	43001 ALWD_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/17/2023 10:09	60501 NMAN_T2	3	3	0	5.1	5	-0.1	0	0	0	0	0	0	0	0
12/17/2023 10:09	57401 SPAN_T1	0	0	0	0	0	0	-2.26	-2.17	2	2	0	1200	1200	0
12/17/2023 10:09	42701 AUGU_T1	0	1	1	0	0.1	0.1	0	0	1	1	0	600	600	0
12/17/2023 10:10	29402 BELT_T1	1	1	0	6.9	7.2	0.3	0	0	0	0	0	0	0	0
12/17/2023 10:10	27502 WEIS_T2	0	0	0	0	0	0	-0.52	-0.55	0	0	0	0	0	0
12/17/2023 10:12	56803 BENV_T1	0	1	1	0	0.2	0.2	0	0	0	0	0	0	0	0
12/17/2023 10:12	29402 BELT_T1	1	1	0	6.9	7.2	0.3	0	0	0	0	0	0	0	0
12/17/2023 10:14	27502 WEIS_T2	0	0	0	0	0	0	-0.52	-0.55	0	0	0	0	0	0
12/17/2023 10:16	55002 NEWP_T1	1	3	2	0.1	0.4	0.3	-0.21	-0.22	0	0	0	0	0	0
12/17/2023 10:16	43201 MVIL_T2	0	0	0	0	0	0	-1.32	-1.31	0	0	0	0	0	0
12/17/2023 10:17	55002 NEWP_T1	1	3	2	0.1	0.4	0.3	-0.21	-0.22	0	0	0	0	0	0
12/17/2023 10:17	42701 AUGU_T1	0	1	1	0	0.1	0.1	0	0	1	1	0	600	600	0
12/17/2023 10:17	26401 INOR_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/17/2023 10:18	54201 PENN_T1	226	297	71	0.42	0.45	0.03	-2.55	-2.59	0	0	0	0	0	0
12/17/2023 10:18	25402 LAHA_T2	0	1	1	0	0	0	-0.75	-0.75	0	0	0	0	0	0
12/17/2023 10:19	42701 AUGU_T1	0	1	1	0	0.1	0.1	0	0	1	1	0	600	600	0
12/17/2023 10:19	57401 SPAN_T1	0	0	0	0	0	0	-1.13	-1.08	1	1	0	600	600	0
12/17/2023 10:20	55002 NEWP_T1	1	3	2	0.1	0.4	0.3	-0.21	-0.22	0	0	0	0	0	0
12/17/2023 10:21	55002 NEWP_T1	1	3	2	0.1	0.4	0.3	-0.21	-0.22	0	0	0	0	0	0
12/17/2023 10:21	42701 AUGU_T1	0	1	1	0	0.1	0.1	0	0	1	1	0	600	600	0
12/17/2023 10:21	57401 SPAN_T1	0	0	0	0	0	0	-1.13	-1.08	1	1	0	600	600	0
12/17/2023 10:22	56501 ROCK_T2	1	1	0	0.5	0.2	-0.3	-0.91	-1.47	0	0	0	0	0	0
12/17/2023 10:23	56802 BENV_T2	0	0	0	0	0	0	-1.36	-1.4	0	0	0	0	0	0
12/17/2023 10:26	56802 BENV_T2	0	0	0	0	0	0	-1.4	-1.37	0	0	0	0	0	0
12/17/2023 10:26	40502 CRES_T2	7	5	-2	0.14	0.1	-0.04	-0.33	-0.34	0	0	0	0	0	0
12/17/2023 10:27	56802 BENV_T2	0	0	0	0	0	0	-4.2	-4.12	0	0	0	0	0	0
12/17/2023 10:28	40101 HUNT_T2	1	3	2	0.2	0.6	0.4	-0.56	-0.62	0	0	0	0	0	0
12/17/2023 10:32	47403 PENS_T1	1	1	0	2.7	2.3	-0.4	0	0	0	0	0	0	0	0
12/17/2023 10:32	65001 NEFF_T2	0	0	0	0	0	0	-1.32	-1.26	1	1	0	1200	1200	0
12/17/2023 10:32	55002 NEWP_T1	3	3	0	0.23	0.4	0.17	-0.44	-0.44	0	0	0	0	0	0
12/17/2023 10:34	55002 NEWP_T1	3	3	0	0.23	0.4	0.17	-0.22	-0.22	0	0	0	0	0	0
12/17/2023 10:35	47403 PENS_T1	1	1	0	2.7	2.3	-0.4	0	0	0	0	0	0	0	0
12/17/2023 10:36	47403 PENS_T1	1	1	0	2.7	2.3	-0.4	0	0	0	0	0	0	0	0
12/17/2023 10:36	55002 NEWP_T1	3	3	0	0.23	0.4	0.17	-0.22	-0.22	0	0	0	0	0	0
12/17/2023 10:37	67502 WEWI_T2	0	0	0	0	0	0	-1.45	-1.49	1	1	0	900	900	0
12/17/2023 10:37	65001 NEFF_T2	0	0	0	0	0	0	-1.32	-1.26	1	1	0	1200	1200	0
12/17/2023 10:38	56801 BENV_T1	8	13	5	0.21	0.22	0.01	-0.71	-0.69	1	1	0	600	600	0
12/17/2023 10:38	10805 CHHI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/17/2023 10:40	67502 WEWI_T2	0	0	0	0	0	0	-2.98	-2.91	2	2	0	1800	1800	0
12/17/2023 10:41	60201 ATGL_T2	0	0	0	0	0	0	0.04	0.06	0	0	0	0	0	0
12/17/2023 10:42	17802 GILB_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/17/2023 10:42	65001 NEFF_T2	0	0	0	0	0	0	-1.26	-1.29	1	1	0	1200	1200	0
12/17/2023 10:42	10805 CHHI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/17/2023 10:45	46801 HEPB_T2	0	0	0	0	0	0	0.62	0.61	0	0	0	0	0	0
12/17/2023 10:45	17802 GILB_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/17/2023 10:47	47403 PENS_T1	0	1	1	0	2.3	2.3	0	0	0	0	0	0	0	0
12/17/2023 10:47	55002 NEWP_T1	3	3	0	0.4	0.3	-0.1	-0.22	-0.2	0	0	0	0	0	0
12/17/2023 10:48	54201 PENN_T1	287	255	-32	0.45	0.42	-0.03	-1.29	-1.29	0	0	0	0	0	0
12/17/2023 10:49	54001 SDLE_T1	4	3	-1	0.65	0.7	0.05	0	0	1	1	0	600	600	0
12/17/2023 10:50	54001 SDLE_T1	4	3	-1	0.65	0.7	0.05	0	0	1	1	0	600	600	0
12/17/2023 10:51	44201 POIN_T1	0	0	0	0	0	0	-2.14	-2.19	1	1	0	900	900	0
12/17/2023 10:51	64101 REFR_T1	0	0	0	0	0	0	-0.08	-0.06	0	0	0	0	0	0
12/17/2023 10:51	47402 PENS_T1	119	119	0	1.68	2.18	0.5	0	0	0	0	0	0	0	0
12/17/2023 10:51	59101 WALK_T2	1	1	0	0	0	0	1	1.04	1	1	0	450	450	0
12/17/2023 10:52	54001 SDLE_T1	4	3	-1	0.65	0.7	0.05	0	0	1	1	0	600	600	0
12/17/2023 10:52	29401 BELT_T1	0	0	0	0	0	0	0	0	1	1	0	900	900	0
12/17/2023 10:52	44201 POIN_T1	0	0	0	0	0	0	-2.14	-2.19	1	1	0	900	900	0
12/17/2023 10:53	58001 WCAR_T1	4	4	0	0.8	0.88	0.08	0	0	0	0	0	0	0	0
12/17/2023 10:53	54001 SDLE_T1	4	3	-1	0.65	0.7	0.05	0	0	1	1	0	600	600	0
12/17/2023 10:53	60201 ATGL_T2	0	0	0	0	0	0	0.08	0.12	0	0	0	0	0	0
12/17/2023 10:54	27502 WEIS_T2	0	1	1	0	0	0	-0.57	-0.55	0	0	0	0	0	0
12/17/2023 10:54	55105 WERT_T1	0	0	0	0	0	0	-0.59	-0.57	1	1	0	900	900	0
12/17/2023 10:55	58001 WCAR_T1	4	4	0	0.8	0.88	0.08	0	0	0	0	0	0	0	0
12/17/2023 10:57	51102 CARL_T1	3	2	-1	0.17	0.1	-0.07	0	0	0	0	0	0	0	0
12/17/2023 11:01	42901 MIDD_T2	0	2	2	0	0	0	0	0	0	0	0	0	0	0
12/17/2023 11:02	40101 HUNT_T2	3	0	-3	0.47	0	-0.47	-0.59	-0.61	0	0	0	0	0	0
12/17/2023 11:03	65001 NEFF_T2	0	0	0	0	0	0	-1.29	-1.24	1	1	0	1200	1200	0
12/17/2023 11:03	55002 NEWP_T1	3	3	0	0.3	0.2	-0.1	-0.2	-0.21	0	0	0	0	0	0
12/17/2023 11:07	44601 SALE_T2	0	0	0	0	0	0	-0.11	-0.14	0	0	0	0	0	0
12/17/2023 11:08	29402 BELT_T1	1	1	0	6.9	6.9	0	0	0	0	0	0	0	0	0
12/17/2023 11:08	42201 SHEN_T2	0	0	0	0	0	0	0.41	0.4	0	0	0	0	0	0
12/17/2023 11:10	49804 UNIV_T1	0	1	1	0	0	0	0	0	0	0	0	0	0	0
12/17/2023 11:11	67503 WEWI_T2	0	0	0	0	0	0	-0.34	-0.36	0	0	0	0	0	0
12/17/2023 11:11	60803 BUCK_T1	0	0	0	0	0	0	-0.91	-0.86	1	1	0	600	600	0
12/17/2023 11:13	60803 BUCK_T1	0	0	0	0	0	0	-0.91	-0.86	1	1	0	600	600	0
12/17/2023 11:14	52002 LING_T2	1	1	0	0.1	0.2	0.1	-0.03	-0.06	0	0	0	0	0	0
12/17/2023 11:17	47403 PENS_T1	1	1	0	2	2.2	0.2	0	0	0	0	0	0	0	0
12/17/2023 11:19	55002 NEWP_T1	2	3	1	0.2	0.43	0.23	-0.21	-0.23	0	0	0	0	0	0
12/17/2023 11:21	43304 WATS_T2	1	3	2	0.9	0	-0.9	-0.57	-0.55	0	0	0	0	0	0
12/17/2023 11:21	43301 WATS_T2	0	0	0	0	0	0	-0.74	-0.72	1	1	0	900	900	0
12/17/2023 11:21	47401 PENS_T1	0	0	0	0	0	0	0.57	0.59	0	0	0	0	0	0
12/17/2023 11:21	42701 AUGU_T1	1	1	0	0.2	0	-0.2	0	0	1	1	0	600	600	0
12/17/2023 11:22	42701 AUGU_T1	1	1	0	0.2	0	-0.2	0	0	1	1	0	600	600	0
12/17/2023 11:23	42701 AUGU_T1	1	1	0	0.2	0	-0.2	0	0	1	1	0	600	600	0
12/17/2023 11:24	20403 ASHF_T2	0	0	0	0	0	0	0.27	0.3	0	0	0	0	0	0
12/17/2023 11:24	67401 WAKE_T2	0	0	0	0	0	0	-1	-0.99	0	0	0	0	0	0
12/17/2023 11:29	59302 MCAL_T1	0	0	0	0	0	0	-0.45	-0.46	1	1	0	600	600	0
12/17/2023 11:32	40101 HUNT_T2	0	0	0	0	0	0	-0.58	-0.56	0	0	0	0	0	0
12/17/2023 11:34	64101 REFR_T1	0	0	0	0	0	0	-0.1	-0.11	0	0	0	0	0	0
12/17/2023 11:35	65001 NEFF_T2	0	0	0	0	0	0	-1.17	-1.29	1	1	0	1200	1200	0
12/17/2023 11:36	55105 WERT_T1	0	0	0	0	0	0	-0.55	-0.59	1	1	0	900	900	0
12/17/2023 11:36	43301 WATS_T2	0	0	0	0	0	0	-0.72	-0.73	1	1	0	900	900	0
12/17/2023 11:36	42701 AUGU_T1	0	1	1	0	0	0	0	0	1	1	0	600	600	0
12/17/2023 11:36	64101 REFR_T1	0	0	0	0	0	0	-0.21	-0.23	0	0	0	0	0	0
12/17/2023 11:37	42701 AUGU_T1	0	1	1	0	0	0	0	0	2	2	0	1200	1200	0
12/17/2023 11:37	43304 WATS_T2	2	2	0	0.65	0	-0.65	-0.55	-0.56	0	0	0	0	0	0
12/17/2023 11:38	42701 AUGU_T1	0	1	1	0	0	0	0	0	1	1	0	600	600	0
12/17/2023 11:38	29401 BELT_T1	0	0	0	0	0	0	0	0	1	1	0	900	900	0
12/17/2023 11:38	64101 REFR_T1	0	0	0	0	0	0	-0.21	-0.23	0	0	0	0	0	0
12/17/2023 11:38	43304 WATS_T2	2	2	0	0.65	0	-0.65	-0.56	-0.59	0	0	0	0	0	0
12/17/2023 11:39	42701 AUGU_T1	0	1	1	0	0	0	0	0	1	1	0	600	600	0
12/17/2023 11:39	64101 REFR_T1	0	0	0	0	0	0	-0.11	-0.04	0	0	0	0	0	0
12/17/2023 11:40	40901 JESH_T1	1	1	0	0.2	0.2	0	0	0	0	0	0	0	0	0
12/17/2023 11:40	29402 BELT_T1	1	1	0	6.8	6.7	-0.1	0	0	0	0	0	0	0	0
12/17/2023 11:41	42701 AUGU_T1	0	1	1	0	0	0	0	0	1	1	0	600	600	0
12/17/2023 11:42	17802 GILB_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/17/2023 11:42	61801 EEU_T2	0	0	0	0	0	0	-1.03	-1.04	1	1	0	600	600	0
12/17/2023 11:43	44301 BEAV_T2	0	0	0	0	0	0	-0.99	-1	1	1	0	600	600	0
12/17/2023 11:45	59302 MCAL_T1	0	1	1	0	0.1	0.1	-0.46	-0.45	1	1	0	600	600	0
12/17/2023 11:45	17802 GILB_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/17/2023 11:47	46903 MNTG_T2	0	0	0	0	0	0	-0.14	-0.18	1	1	0	600	600	0
12/17/2023 11:48	54201 PENN_T1	258	282	24	0.46	0.44	-0.02	-1.26	-1.27	0	0	0	0	0	0
12/17/2023 11:48	64101 REFR_T1	0	0	0	0	0	0	-0.11	-0.04	0	0	0	0	0	0
12/17/2023 11:49	46903 MNTG_T2	0	0	0	0	0	0	-0.14	-0.18	1	1	0	600	600	0
12/17/2023 11:49	56501 ROCK_T2	3	7	4	0.1	0.13	0.03	-1.51	-1.5	0	0	0	0	0	0
12/17/2023 11:50	56501 ROCK_T2	3	7	4	0.1	0.13	0.03	-1.51	-1.5	0	0	0	0	0	0
12/17/2023 11:51	56501 ROCK_T2	3	7	4	0.1	0.13	0.03	-1.51	-1.5	0	0	0	0	0	0
12/17/2023 11:52	55105 WERT_T1	0	0	0	0	0	0	-0.59	-0.59	1	1	0	900	900	0
12/17/2023 11:52	56501 ROCK_T2	3	7	4	0.1	0.13	0.03	-1.51	-1.5	0	0	0	0	0	0
12/17/2023 11:53	56501 ROCK_T2	3	7	4	0.1	0.13	0.03	-3.03	-3	0	0	0	0	0	0
12/17/2023 11:53	64101 REFR_T1	0	0	0	0	0	0	-0.45	-0.16	0	0	0	0	0	0
12/17/2023 11:54	64101 REFR_T1	0	0	0	0	0	0	-0.04	-0.11	0	0	0	0	0	0
12/17/2023 11:58	17802 GILB_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/17/2023 12:01	17802 GILB_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/17/2023 12:04	51003 NHAR_T1	5	3	-2	0.16	0.17	0.01	0	0	0	0	0	0	0	0
12/17/2023 12:04	64101 REFR_T1	0	0	0	0	0	0	-0.08	-0.23	0	0	0	0	0	0
12/17/2023 12:05	64101 REFR_T1	0	0	0	0	0	0	-0.04	-0.11	0	0	0	0	0	0
12/17/2023 12:06	29402 BELT_T1	1	1	0	6.7	6.5	-0.2	0	0	0	0	0	0	0	0
12/17/2023 12:08	43301 WATS_T2	0	0	0	0	0	0	-0.69	-0.69	1	1	0	900	900	0
12/17/2023 12:08	43304 WATS_T2	1	3	2	0.3	0.5	0.2	-0.57	-0.56	0	0	0	0	0	0
12/17/2023 12:08	64101 REFR_T1	0	0	0	0	0	0	-0.04	-0.11	0	0	0	0	0	0
12/17/2023 12:10	43304 WATS_T2	1	3	2	0.3	0.5	0.2	-0.57	-0.56	0	0	0	0	0	0
12/17/2023 12:11	63804 HEMP_T1	1	6	5	5.6	5.7	0.1	-0.52	-0.54	0	0	0	0	0	0
12/17/2023 12:11	64101 REFR_T1	0	0	0	0	0	0	-0.11	-0.09	0	0	0	0	0	0
12/17/2023 12:11	65001 NEFF_T2	0	0	0	0	0	0	-1.37	-1.3	1	1	0	1200	1200	0
12/17/2023 12:14	17802 GILB_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/17/2023 12:23	55105 WERT_T1	0	0	0	0	0	0	-0.59	-0.61	1	1	0	900	900	0
12/17/2023 12:23	67204 TEHI_T2	0	0	0	0	0	0	0.06	0.1	0	0	0	0	0	0
12/17/2023 12:32	39601 LNFD_T1	0	0	0	0	0	0	0	0	1	1	0	900	900	0
12/17/2023 12:33	65001 NEFF_T2	0	0	0	0	0	0	-1.3	-1.31	1	1	0	1200	1200	0
12/17/2023 12:42	66703 STRA_T1	0	0	0	0	0	0	-0.22	-0.26	0	0	0	0	0	0
12/17/2023 12:43	65001 NEFF_T2	0	0	0	0	0	0	-1.31	-1.33	1	1	0	1200	1200	0
12/17/2023 12:47	46903 MNTG_T2	0	0	0	0	0	0	-0.14	-0.13	1	1	0	600	600	0
12/17/2023 13:00	66302 MCGO_T2	0	0	0	0	0	0	-1.65	-1.67	1	1	0	600	600	0
12/17/2023 13:03	56501 ROCK_T2	0	0	0	0	0	0	-1.52	-1.46	0	0	0	0	0	0
12/17/2023 13:04	56501 ROCK_T2	0	0	0	0	0	0	-1.52	-1.46	0	0	0	0	0	0
12/17/2023 13:05	56501 ROCK_T2	0	0	0	0	0	0	-1.52	-1.46	0	0	0	0	0	0
12/17/2023 13:06	48302 ORWI_T2	3	3	0	0.7	0.77	0.07	-1.26	-1.3	0	0	0	0	0	0
12/17/2023 13:06	56501 ROCK_T2	0	0	0	0	0	0	-3.05	-2.93	0	0	0	0	0	0
12/17/2023 13:07	52501 PROG_T1	0	0	0	0	0	0	0.33	0.26	1	1	0	300	300	0
12/17/2023 13:07	64101 REFR_T1	0	0	0	0	0	0	-0.16	-0.19	0	0	0	0	0	0
12/17/2023 13:09	65001 NEFF_T2	0	0	0	0	0	0	-1.23	-1.3	1	1	0	1200	1200	0
12/17/2023 13:17	17802 GILB_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/17/2023 13:38	57004 WHHI_T2	1	1	0	5.4	5.6	0.2	0	0	0	0	0	0	0	0
12/17/2023 13:48	56501 ROCK_T2	0	0	0	0	0	0	-1.53	-1.54	0	0	0	0	0	0
12/17/2023 13:53	42701 AUGU_T1	0	1	1	0	0	0	0	0	2	2	0	1200	1200	0
12/17/2023 13:54	42701 AUGU_T1	0	1	1	0	0	0	0	0	1	1	0	600	600	0
12/17/2023 13:56	42701 AUGU_T1	0	1	1	0	0	0	0	0	1	1	0	600	600	0
12/17/2023 14:00	42701 AUGU_T1	1	0	-1	0.1	0	-0.1	0	0	1	1	0	600	600	0
12/17/2023 14:05	59101 WALK_T2	1	1	0	0	0	0	0.89	0.89	0	0	0	0	0	0
12/17/2023 14:06	59101 WALK_T2	1	1	0	0	0	0	0.89	0.89	0	0	0	0	0	0
12/17/2023 14:08	29402 BELT_T1	1	1	0	6.8	7	0.2	0	0	0	0	0	0	0	0
12/17/2023 14:10	59101 WALK_T2	1	1	0	0	0	0	0.89	0.87	0	0	0	0	0	0
12/17/2023 14:14	20603 GRWO_T2	0	0	0	0	0	0	-0.58	-0.6	1	1	0	900	900	0
12/17/2023 14:18	56501 ROCK_T2	0	3	3	0	0.1	0.1	-1.57	-1.57	0	0	0	0	0	0
12/17/2023 14:20	56501 ROCK_T2	0	3	3	0	0.1	0.1	-3.14	-3.15	0	0	0	0	0	0
12/17/2023 14:21	64101 REFR_T1	0	0	0	0	0	0	-0.14	-0.1

Appendix C - Grid Benefits Achieved in Each Instance of Active Management

12/17/2023 15:20	55002 NEWP_T1	5	5	0	0.62	0.62	0	-0.24	-0.23	0	0	0	0	0	0
12/17/2023 15:21	56501 ROCK_T2	4	11	7	0.1	0.15	0.05	-1.55	-1.52	0	0	0	0	0	0
12/17/2023 15:22	67201 TEHI_T1	0	0	0	0	0	0	0.02	0.04	0	0	0	0	0	0
12/17/2023 15:22	56501 ROCK_T2	4	11	7	0.1	0.15	0.05	-1.55	-1.52	0	0	0	0	0	0
12/17/2023 15:23	56501 ROCK_T2	4	11	7	0.1	0.15	0.05	-1.55	-1.52	0	0	0	0	0	0
12/17/2023 15:24	29402 BELT_T1	1	1	0	6.5	6.8	0.3	0	0	0	0	0	0	0	0
12/17/2023 15:25	60101 COCA_T1	0	0	0	0	0	0	0.36	0.38	0	0	0	0	0	0
12/17/2023 15:35	42802 SELI_T1	0	0	0	0	0	0	-2.36	-2.33	1	1	0	900	900	0
12/17/2023 15:36	42801 SELI_T1	1	1	0	0	0	0	0	0	0	0	0	0	0	0
12/17/2023 15:36	55002 NEWP_T1	5	5	0	0.46	0.82	0.36	-0.23	-0.25	0	0	0	0	0	0
12/17/2023 15:37	42802 SELI_T1	0	0	0	0	0	0	-2.36	-2.33	1	1	0	900	900	0
12/17/2023 15:38	42802 SELI_T1	0	0	0	0	0	0	-2.33	-2.32	1	1	0	900	900	0
12/17/2023 15:39	59101 WALK_T2	1	2	1	0	0	0	1.3	0.81	0	1	1	0	600	600
12/17/2023 15:40	59101 WALK_T2	1	2	1	0	0	0	1.3	0.81	0	1	1	0	600	600
12/17/2023 15:49	52002 LING_T2	1	1	0	0.4	0.4	0	-0.06	-0.05	0	0	0	0	0	0
12/17/2023 15:52	65001 NEFF_T2	0	0	0	0	0	0	-1.33	-1.34	1	1	0	1200	1200	0
12/17/2023 15:53	65901 SAKR_T2	1	1	0	8.5	8.5	0	0	0	0	0	0	0	0	0
12/17/2023 15:54	20403 ASHF_T2	0	1	1	0	0	0	0.31	0.29	0	0	0	0	0	0
12/17/2023 15:56	20403 ASHF_T2	0	1	1	0	0	0	0.31	0.29	0	0	0	0	0	0
12/17/2023 16:34	65001 NEFF_T2	0	0	0	0	0	0	-1.35	-1.33	1	1	0	1200	1200	0
12/17/2023 16:38	40502 CRES_T2	0	4	4	0	0.1	0.1	-0.88	-0.87	0	0	0	0	0	0
12/17/2023 16:40	40502 CRES_T2	0	4	4	0	0.1	0.1	-0.88	-0.87	0	0	0	0	0	0
12/17/2023 16:40	56801 BENV_T1	4	1	-3	0.23	0.2	-0.03	-0.66	-0.68	1	1	0	600	600	0
12/17/2023 16:42	40502 CRES_T2	0	4	4	0	0.1	0.1	-0.88	-0.87	0	0	0	0	0	0
12/17/2023 17:06	29402 BELT_T1	1	1	0	6.6	6.5	-0.1	0	0	0	0	0	0	0	0
12/17/2023 17:10	29402 BELT_T1	1	1	0	6.6	6.5	-0.1	0	0	0	0	0	0	0	0
12/17/2023 17:12	53601 DALM_T2	0	1	1	0	0	0	-0.19	-0.13	0	0	0	0	0	0
12/17/2023 17:13	45501 DERR_T2	0	0	0	0	0	0	-1.54	-1.58	4	4	0	3600	3600	0
12/17/2023 17:29	51002 NHAR_T1	1	1	0	1.4	1.4	0	0	0	0	0	0	0	0	0
12/17/2023 17:34	57401 SPAN_T1	0	0	0	0	0	0	-0.75	-0.74	1	1	0	600	600	0
12/17/2023 17:36	57401 SPAN_T1	0	0	0	0	0	0	-0.75	-0.74	1	1	0	600	600	0
12/17/2023 17:37	57401 SPAN_T1	0	0	0	0	0	0	-0.75	-0.74	1	1	0	600	600	0
12/17/2023 17:37	65001 NEFF_T2	0	0	0	0	0	0	-1.32	-1.35	1	1	0	1200	1200	0
12/17/2023 17:38	48302 ORWI_T2	3	2	-1	0.23	0.45	0.22	-0.6	-0.64	0	0	0	0	0	0
12/17/2023 17:42	17802 GILB_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/17/2023 17:45	44201 POIN_T1	0	0	0	0	0	0	-2.14	-2.2	1	1	0	900	900	0
12/17/2023 17:45	57401 SPAN_T1	0	0	0	0	0	0	-0.74	-0.7	1	1	0	600	600	0
12/17/2023 17:46	52102 MEIS_T1	0	0	0	0	0	0	0	0	1	1	0	450	450	0
12/17/2023 17:48	56802 BENV_T2	0	0	0	0	0	0	-1.38	-1.38	0	0	0	0	0	0
12/17/2023 17:48	29402 BELT_T1	1	1	0	6.4	6.4	0	0	0	0	0	0	0	0	0
12/17/2023 17:52	25402 LAHA_T2	0	0	0	0	0	0	-0.78	-0.77	0	0	0	0	0	0
12/17/2023 17:54	56803 BENV_T1	0	1	1	0	0	0	0	0	0	0	0	0	0	0
12/17/2023 17:57	47403 PENS_T1	0	1	1	2.4	2.6	0.2	0	0	0	0	0	0	0	0
12/17/2023 18:01	52501 PROG_T1	0	0	0	0	0	0	0.25	0.2	1	1	0	300	300	0
12/17/2023 18:03	10805 CHHI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/17/2023 18:03	55002 NEWP_T1	3	4	1	0.47	0.63	0.16	-0.24	-0.27	0	0	0	0	0	0
12/17/2023 18:04	26401 INOR_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/17/2023 18:04	10805 CHHI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/17/2023 18:05	67503 WEWI_T2	0	0	0	0	0	0	-0.32	-0.34	0	0	0	0	0	0
12/17/2023 18:06	47403 PENS_T1	1	2	1	2.5	1.35	-1.15	0	0	0	0	0	0	0	0
12/17/2023 18:06	20403 ASHF_T2	0	0	0	0	0	0	0.35	0.36	0	0	0	0	0	0
12/17/2023 18:06	42503 ALTA_T2	0	0	0	0	0	0	-0.66	-0.68	0	0	0	0	0	0
12/17/2023 18:07	54001 SDLE_T1	1	1	0	0.8	1.2	0.4	0	0	1	1	0	600	600	0
12/17/2023 18:07	63404 HONY_T1	2	2	0	6.95	7.15	0.2	0	0	0	0	0	0	0	0
12/17/2023 18:08	67502 WEWI_T2	0	0	0	0	0	0	-1.43	-1.44	1	1	0	900	900	0
12/17/2023 18:08	56501 ROCK_T2	1	1	0	0.4	0.1	-0.3	-1.51	-1.54	0	0	0	0	0	0
12/17/2023 18:08	47001 HUGH_T2	0	0	0	0	0	0	-0.72	-0.73	0	0	0	0	0	0
12/17/2023 18:09	67503 WEWI_T2	0	0	0	0	0	0	-0.34	-0.34	0	0	0	0	0	0
12/17/2023 18:09	52102 MEIS_T1	0	0	0	0	0	0	0	0	1	1	0	450	450	0
12/17/2023 18:10	40502 CRES_T2	15	5	-10	0.21	0.18	-0.03	-0.9	-0.89	0	0	0	0	0	0
12/17/2023 18:10	59101 WALK_T2	1	1	0	0	0	0	0.98	1.07	1	1	0	600	600	0
12/17/2023 18:10	43202 MVIL_T2	2	3	1	0.4	0.63	0.23	-0.7	-0.7	0	0	0	0	0	0
12/17/2023 18:10	27502 WEIS_T2	0	0	0	0	0	0	-0.58	-0.57	0	0	0	0	0	0
12/17/2023 18:10	49804 UNIV_T1	0	1	1	0	0	0	0	0	0	0	0	0	0	0
12/17/2023 18:10	64101 REFR_T1	0	0	0	0	0	0	-0.06	-0.06	0	0	0	0	0	0
12/17/2023 18:11	54001 SDLE_T1	1	1	0	0.8	1.2	0.4	0	0	1	1	0	600	600	0
12/17/2023 18:12	59101 WALK_T2	1	3	2	0	0	0	1.96	2.14	2	2	0	1200	1200	0
12/17/2023 18:12	59302 MCAL_T1	0	1	1	0	0	0	-0.45	-0.45	1	1	0	600	600	0
12/17/2023 18:12	40502 CRES_T2	15	5	-10	0.21	0.18	-0.03	-0.9	-0.89	0	0	0	0	0	0
12/17/2023 18:13	54203 PENN_T1	18	18	0	0.83	1.07	0.24	0	0	0	0	0	0	0	0
12/17/2023 18:13	52004 LING_T2	1	1	0	0.2	0	-0.2	0	0	0	0	0	0	0	0
12/17/2023 18:13	54001 SDLE_T1	1	1	0	0.8	1.2	0.4	0	0	1	1	0	600	600	0
12/17/2023 18:13	60101 COCA_T1	0	0	0	0	0	0	0.21	0.22	0	0	0	0	0	0
12/17/2023 18:14	55002 NEWP_T1	3	4	1	0.47	0.63	0.16	-0.27	-0.28	0	0	0	0	0	0
12/17/2023 18:14	20403 ASHF_T2	0	0	0	0	0	0	0.36	0.34	0	0	0	0	0	0
12/17/2023 18:14	67103 SPRI_T1	0	0	0	0	0	0	-0.15	-0.15	0	0	0	0	0	0
12/17/2023 18:14	40502 CRES_T2	15	5	-10	0.21	0.18	-0.03	-0.9	-0.89	0	0	0	0	0	0
12/17/2023 18:14	46302 ROHR_T1	2	4	2	0.9	0.38	-0.52	-0.45	-0.45	0	0	0	0	0	0
12/17/2023 18:14	41801 GOCI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/17/2023 18:14	67204 TEHI_T2	0	0	0	0	0	0	0.08	0.07	0	0	0	0	0	0
12/17/2023 18:15	55001 NEWP_T1	1	0	-1	0.3	0	-0.3	0	0	0	0	0	0	0	0
12/17/2023 18:16	40101 HUNT_T2	2	8	6	0.15	0.15	0	-0.55	-0.55	0	0	0	0	0	0
12/17/2023 18:16	40502 CRES_T2	5	3	-2	0.18	0.13	-0.05	-1.8	-1.78	0	0	0	0	0	0
12/17/2023 18:16	48302 ORWI_T2	3	4	1	0.53	0.47	-0.06	-0.64	-0.64	0	0	0	0	0	0
12/17/2023 18:16	43202 MVIL_T2	3	3	0	0.73	0	-0.73	-0.7	-0.7	0	0	0	0	0	0
12/17/2023 18:17	67502 WEWI_T2	0	0	0	0	0	0	-1.44	-1.44	1	1	0	900	900	0
12/17/2023 18:17	64101 REFR_T1	0	0	0	0	0	0	-0.06	-0.06	0	0	0	0	0	0
12/17/2023 18:17	43001 ALWD_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/17/2023 18:17	54001 SDLE_T1	1	1	0	1.2	1.1	-0.1	0	0	1	1	0	600	600	0
12/17/2023 18:18	29402 BELT_T1	1	1	0	6.2	6.4	0.2	0	0	0	0	0	0	0	0
12/17/2023 18:18	55001 NEWP_T1	1	0	-1	0.3	0	-0.3	0	0	0	0	0	0	0	0
12/17/2023 18:18	40101 HUNT_T2	2	8	6	0.15	0.15	0	-0.55	-0.55	0	0	0	0	0	0
12/17/2023 18:19	42802 SELI_T1	0	0	0	0	0	0	-2.37	-2.36	1	1	0	900	900	0
12/17/2023 18:19	47403 PENS_T1	1	2	1	2.6	0.15	-2.45	0	0	0	0	0	0	0	0
12/17/2023 18:19	56501 ROCK_T2	1	1	0	0.3	0	-0.3	-1.54	-1.53	0	0	0	0	0	0
12/17/2023 18:19	59101 WALK_T2	1	1	0	0	0	0	0.98	1.07	1	1	0	600	600	0
12/17/2023 18:19	65001 NEFF_T2	0	0	0	0	0	0	-1.33	-1.33	1	1	0	1200	1200	0
12/17/2023 18:19	49804 UNIV_T1	1	0	-1	1.4	0	-1.4	0	0	0	0	0	0	0	0
12/17/2023 18:20	40101 HUNT_T2	2	8	6	0.15	0.15	0	-0.55	-0.55	0	0	0	0	0	0
12/17/2023 18:20	40502 CRES_T2	5	3	-2	0.18	0.13	-0.05	-1.8	-1.78	0	0	0	0	0	0
12/17/2023 18:20	52101 MEIS_T1	0	1	1	0	0.2	0.2	0	0	0	0	0	0	0	0
12/17/2023 18:20	64101 REFR_T1	0	0	0	0	0	0	-0.06	-0.06	0	0	0	0	0	0
12/17/2023 18:21	60803 BUCK_T1	0	0	0	0	0	0	-0.84	-0.85	1	1	0	600	600	0
12/17/2023 18:21	43402 BENT_T1	0	0	0	0	0	0	-1.53	-1.56	2	2	0	1500	1500	0
12/17/2023 18:21	56801 BENV_T1	1	3	2	0.4	0.2	-0.2	-0.69	-0.69	1	1	0	600	600	0
12/17/2023 18:21	42802 SELI_T1	0	0	0	0	0	0	-2.37	-2.36	1	1	0	900	900	0
12/17/2023 18:21	56501 ROCK_T2	1	1	0	0.3	0	-0.3	-1.54	-1.53	0	0	0	0	0	0
12/17/2023 18:21	45501 DERR_T2	1	0	-1	0.1	0	-0.1	-0.83	-0.78	2	2	0	1800	1800	0
12/17/2023 18:22	40502 CRES_T2	5	3	-2	0.18	0.13	-0.05	-0.9	-0.89	0	0	0	0	0	0
12/17/2023 18:22	46801 HEPB_T2	0	0	0	0	0	0	0.61	0.61	0	0	0	0	0	0
12/17/2023 18:22	51107 CARL_T1	0	0	0	0	0	0	-0.42	-0.43	0	0	0	0	0	0
12/17/2023 18:22	64101 REFR_T1	0	0	0	0	0	0	-0.06	-0.06	0	0	0	0	0	0
12/17/2023 18:22	60502 NMAN_T2	0	0	0	0	0	0	-0.62	-0.64	0	0	0	0	0	0
12/17/2023 18:22	56501 ROCK_T2	1	1	0	0.3	0	-0.3	-1.54	-1.53	0	0	0	0	0	0
12/17/2023 18:22	67502 WEWI_T2	0	0	0	0	0	0	-2.89	-2.87	2	2	0	1800	1800	0
12/17/2023 18:23	42701 AUGU_T1	0	0	0	0	0	0	0	0	1	1	0	600	600	0
12/17/2023 18:23	47001 HUGH_T2	0	0	0	0	0	0	-0.73	-0.74	0	0	0	0	0	0
12/17/2023 18:23	42801 SELI_T1	1	1	0	0	0	0	0	0	0	0	0	0	0	0
12/17/2023 18:23	56501 ROCK_T2	1	1	0	0.3	0	-0.3	-3.09	-3.07	0	0	0	0	0	0
12/17/2023 18:23	60803 BUCK_T1	0	0	0	0	0	0	-0.84	-0.85	1	1	0	600	600	0
12/17/2023 18:24	20403 ASHF_T2	0	0	0	0	0	0	0.34	0.32	0	0	0	0	0	0
12/17/2023 18:24	67103 SPRI_T1	0	0	0	0	0	0	-0.15	-0.15	0	0	0	0	0	0
12/17/2023 18:24	66505 SMAN_T2	2	0	-2	0.2	0	-0.2	0	0	0	0	0	0	0	0
12/17/2023 18:24	67401 WAKE_T2	0	0	0	0	0	0	-1.06	-1.06	0	0	0	0	0	0
12/17/2023 18:24	56802 BENV_T2	0	0	0	0	0	0	-1.36	-1.42	0	0	0	0	0	0
12/17/2023 18:24	40502 CRES_T2	5	3	-2	0.18	0.13	-0.05	-0.89	-0.94	0	0	0	0	0	0
12/17/2023 18:24	59101 WALK_T2	1	1	0	0	0	0	1.07	0.97	1	1	0	600	600	0
12/17/2023 18:24	42701 AUGU_T1	0	0	0	0	0	0	0	0	1	1	0	600	600	0
12/17/2023 18:25	43001 ALWD_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/17/2023 18:25	47401 PENS_T1	0	0	0	0	0	0	0.66	0.64	0	0	0	0	0	0
12/17/2023 18:25	53601 DALM_T2	0	1	1	0	0.3	0.3	-0.16	-0.13	0	0	0	0	0	0
12/17/2023 18:25	64101 REFR_T1	0	0	0	0	0	0	-0.06	-0.07	0	0	0	0	0	0
12/17/2023 18:25	67204 TEHI_T2	0	0	0	0	0	0	0.07	0.09	0	0	0	0	0	0
12/17/2023 18:25	56802 BENV_T2	0	0	0	0	0	0	-1.36	-1.42	0	0	0	0	0	0
12/17/2023 18:25	42701 AUGU_T1	0	0	0	0	0	0	0	0	1	1	0	600	600	0
12/17/2023 18:26	40101 HUNT_T2	2	8	6	0.15	0.15	0	-0.55	-0.57	0	0	0	0	0	0
12/17/2023 18:26	64101 REFR_T1	0	0	0	0	0	0	-0.06	-0.07	0	0	0	0	0	0
12/17/2023 18:26	52102 MEIS_T1	0	0	0	0	0	0	0	0	1	1	0	450	450	0
12/17/2023 18:26	56801 BENV_T1	1	3	2	0.4	0.2	-0.2	-0.69	-0.73	1	1	0	600	600	0
12/17/2023 18:26	56501 ROCK_T2	1	1	0	0.3	0	-0.3	-1.53	-1.53	0	0	0	0	0	0
12/17/2023 18:26	42701 AUGU_T1	0	0	0	0	0	0	0	0	1	1	0	600	600	0
12/17/2023 18:26	40502 CRES_T2	5	3	-2	0.18	0.13	-0.05	-1.78	-1.88	0	0	0	0	0	0
12/17/2023 18:27	51107 CARL_T1	0	0	0	0	0	0	-0.43	-0.46	0	0	0	0	0	0
12/17/2023 18:27	52101 MEIS_T1	0	1	1	0	0.2	0.2	0	0	0	0	0	0	0	0
12/17/2023 18:27	42701 AUGU_T1	0	0	0	0	0	0	0	0	1	1	0	600	600	0
12/17/2023 18:28	40902 JESH_T1	0	0	0	0	0	0	-0.97	-0.97	0	0	0	0	0	0
12/17/2023 18:28	44601 SALE_T2	0	0	0	0	0	0	-0.2	-0.19	0	0	0	0	0	0
12/17/2023 18:28	44201 POIN_T1	0	0	0	0	0	0	-2.21	-2.13	1	1	0	900	900	0
12/17/2023 18:28	64101 REFR_T1	0	0	0	0	0	0	-0.06	-0.07	0	0	0	0	0	0
12/17/2023 18:28	56801 BENV_T1	1	3	2	0.4	0.2	-0.2	-0.69	-0.73	1	1	0	600	600	0
12/17/2023 18:28	42201 SHEN_T2	0	0	0	0	0	0	0.41	0.38	0	0	0	0	0	0
12/17/2023 18:28	45501 DERR_T2	1	0	-1	0.1	0	-0.1	-0.78	-0.75	2	2	0	1800	1800	0
12/17/2023 18:28	43304 WATS_T2	1	5	4	0.6	0.8	0.2	-0.59	-0.62	0	0	0	0	0	0
12/17/2023 18:28	41801 GOCI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/17/2023 18:28	40101 HUNT_T2	2	8	6	0.15	0.15	0	-0.55	-0.57	0	0	0	0	0	0
12/17/2023 18:28	40502 CRES_T2	5	3	-2	0.18	0.13	-0.05	-1.78	-1.88	0	0	0	0	0	0
12/17/2023 18:28	56802 BENV_T2	0	0	0	0	0	0	-1.36	-1.42	0	0	0	0	0	0
12/17/2023 18:29	61801 EEU_T2	0	0	0	0	0	0	-1	-1.01	1	1	0	600	600	0
12/17/2023 18:29	56802 BENV_T2	0	0	0	0	0	0	-1.36	-1.42	0	0	0	0	0	0
12/17/2023 18:29	60201 ATGL_T2	0	0	0	0	0	0	0.03	0.11	0	0	0	0	0	0
12/17/2023 18:29	67503 WEWI_T2	0	0	0	0	0	0	-0.34	-0.34	0	0	0	0	0	0
12/17/2023 18:30	41901 REED_T1	1	1	0	0.2	0.2	0	0	0	0	0	0	0	0	0
12/17/2023 18:30	40502 CRES_T2	3	3	0	0.13	0.1	-0.03	-8.9	-9.38	0	0	0	0	0	0
12/17/2023 18:30	45402 WILO_T2	0	1	1	0	0.7	0.7	-0.73	-0.73	0	0	0	0	0	0
12/17/2023 18:30	42701 AUGU_T1	0	0	0	0	0	0	0	0	1	1	0	600	600	0
12/17/2023 18:30	66303 MCGO_T2	1	0	-1	0.2	0	-0.2	0	0	0	0	0	0	0	0
12/17/2023 18:30	60201 ATGL_T2	0	0	0	0	0	0	0.03	0.11	0	0	0	0	0	0
12/17/2023 18:30	56801 BENV_T1	3	10	7	0.2	0.33	0.13	-0.69	-0.73	1	1	0	600	600	0
12/17/2023 18:30	54001 SDLE_T1	1	1	0	1.1	1.2	0.1	0	0	1	1	0	600	600	0
12/17/2023 18:30	43201 MVIL_T2	0	0	0	0	0	0	-1.3	-1.29	0	0	0	0	0	0
12/17/2023 18:30	40101 HUNT_T2	2	22	20	0.15	0.25	0.1	-0.55	-0.57	0	0	0	0	0	0
12/17/2023 18:30	60101 COCA_T1	0	0	0	0	0	0	0.22	0.22	0	0	0	0	0	0
12/17/2023 18:31	54001 SDLE_T1	1	1	0	1.1	1.2	0.1	0	0	1	1	0	600	600	0
12/17/2023 18:31	43304 WATS_T2	3	5	2	0.67	0	-0.67	-0.59	-0.62	0	0	0	0	0	0
12/17/2023 18:31	43202 MVIL_T2	3	0	-3	0.63	0	-0.63	-0.7	-0.71	0	0	0	0	0	0
12/17/2023 18:31	67402 WAKE_T2	0	0	0	0	0	0	0.21	0.22	0	0	0	0	0	0
12/17/2023 18:31	42701 AUGU_T1	0	0	0	0	0	0	0	0	1	1	0	600	600	0
12/17/2023 18:32	41901 REED_T1	1	1	0	0.2	0.2	0	0	0	0	0	0	0	0	0
12/17/2023 18:32	59101 WALK_T2	1	1	0	0	0	0	1.07	0.97	1	1	0	600	600	0
12/17/2023 18:32	47402 PENS_T1

12/18/2023 6:32	65001 NEFF_T2	0	0	0	0	0	0	-0.94	-0.81	1	1	0	1200	1200	0
12/18/2023 7:30	65001 NEFF_T2	0	0	0	0	0	0	-0.77	-0.74	1	1	0	1200	1200	0
12/18/2023 7:45	65001 NEFF_T2	0	0	0	0	0	0	-0.74	-0.61	1	1	0	1200	1200	0
12/18/2023 8:04	45502 DERR_T2	1	1	0	0.3	0.6	0.3	0	0	0	0	0	0	0	0
12/18/2023 8:07	46903 MNTG_T2	0	0	0	0	0	0	0.23	0.24	1	1	0	600	600	0
12/18/2023 8:08	46903 MNTG_T2	0	0	0	0	0	0	0.24	0.21	1	1	0	600	600	0
12/18/2023 8:08	46901 MNTG_T2	0	0	0	0	0	0	1.79	1.85	0	0	0	0	0	0
12/18/2023 8:09	46903 MNTG_T2	0	0	0	0	0	0	0.47	0.42	2	2	0	1200	1200	0
12/18/2023 8:11	54701 NEBL_T1	0	0	0	0	0	0	0	0	1	1	0	600	600	0
12/18/2023 8:12	54701 NEBL_T1	0	0	0	0	0	0	0	0	1	1	0	600	600	0
12/18/2023 8:15	43402 BENT_T1	0	0	0	0	0	0	-0.86	-1.4	1	2	1	900	1500	600
12/18/2023 8:17	45502 DERR_T2	1	1	0	0.6	0.6	0	0	0	0	0	0	0	0	0
12/18/2023 8:18	43402 BENT_T1	0	0	0	0	0	0	-0.86	-1.4	1	2	1	900	1500	600
12/18/2023 8:22	65001 NEFF_T2	0	0	0	0	0	0	-0.65	-0.62	1	1	0	1200	1200	0
12/18/2023 8:29	67103 SPRI_T1	0	0	0	0	0	0	-0.1	-0.1	0	0	0	0	0	0
12/18/2023 8:31	13901 SEID_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/18/2023 8:31	67103 SPRI_T1	0	0	0	0	0	0	-0.1	-0.1	0	0	0	0	0	0
12/18/2023 8:33	56802 BENV_T2	12	1	-11	0.2	1.1	0.9	-1.36	-1.32	0	0	0	0	0	0
12/18/2023 8:37	55002 NEWP_T1	5	3	-2	0.48	0.53	0.05	-0.21	-0.21	0	0	0	0	0	0
12/18/2023 8:57	46903 MNTG_T2	0	0	0	0	0	0	0.27	0.03	1	1	0	600	600	0
12/18/2023 8:59	59101 WALK_T2	1	1	0	0	0	0	1.03	1.98	0	0	0	0	0	0
12/18/2023 9:00	54001 SDLE_T1	2	2	0	0.6	0.7	0.1	0	0	1	1	0	600	600	0
12/18/2023 9:00	57403 SPAN_T1	0	0	0	0	0	0	0.07	0.06	0	0	0	0	0	0
12/18/2023 9:00	13901 SEID_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/18/2023 9:00	43304 WATS_T2	0	0	0	0	0	0	0.17	0.2	1	1	0	600	600	0
12/18/2023 9:00	53901 HALI_T2	0	10	10	0	0.12	0.12	0	0	0	0	0	0	0	0
12/18/2023 9:00	67502 WEWI_T2	19	118	99	0.13	0.23	0.1	0	0	0	0	0	0	0	0
12/18/2023 9:00	23401 HONE_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/18/2023 9:00	43001 ALWD_T1	10	11	1	0.14	0.18	0.04	0	0	0	0	0	0	0	0
12/18/2023 9:01	49803 UNIV_T1	0	0	0	0	0	0	-1.18	-1.19	0	0	0	0	0	0
12/18/2023 9:02	53601 DALM_T2	1	1	0	0.8	0.9	0.1	-0.99	-0.96	1	1	0	900	900	0
12/18/2023 9:05	67502 WEWI_T2	19	118	99	0.13	0.23	0.1	0	0	0	0	0	0	0	0
12/18/2023 9:07	46003 BERW_T2	1	1	0	1	1.2	0.2	0	0	0	0	0	0	0	0
12/18/2023 9:07	46903 MNTG_T2	0	0	0	0	0	0	0.27	0.03	1	1	0	600	600	0
12/18/2023 9:08	59101 WALK_T2	1	1	0	0	0	0	0	0	0	0	0	0	0	0
12/18/2023 9:08	67503 WEWI_T2	0	6	6	0	0	0	-0.32	-0.31	0	0	0	0	0	0
12/18/2023 9:08	46903 MNTG_T2	0	0	0	0	0	0	0.03	0.11	1	1	0	600	600	0
12/18/2023 9:08	46901 MNTG_T2	0	0	0	0	0	0	1.94	1.92	0	0	0	0	0	0
12/18/2023 9:08	27502 WEIS_T2	0	0	0	0	0	0	-0.5	-0.45	0	0	0	0	0	0
12/18/2023 9:09	54701 NEBL_T1	0	0	0	0	0	0	0	0	1	1	0	600	600	0
12/18/2023 9:09	55002 NEWP_T1	3	5	2	0.3	0.26	-0.04	-0.21	-0.2	0	0	0	0	0	0
12/18/2023 9:11	46903 MNTG_T2	0	0	0	0	0	0	0.03	0.11	1	1	0	600	600	0
12/18/2023 9:12	46903 MNTG_T2	0	0	0	0	0	0	0.03	0.11	1	1	0	600	600	0
12/18/2023 9:12	57303 MOAL_T2	1	1	0	7.3	7.4	0.1	0	0	0	0	0	0	0	0
12/18/2023 9:12	54701 NEBL_T1	0	0	0	0	0	0	0	0	1	1	0	600	600	0
12/18/2023 9:14	59101 WALK_T2	1	1	0	0	0	0	1.98	1.53	0	0	0	0	0	0
12/18/2023 9:14	67103 SPRI_T1	0	0	0	0	0	0	-0.09	-0.03	0	0	0	0	0	0
12/18/2023 9:16	67103 SPRI_T1	0	0	0	0	0	0	-0.09	-0.03	0	0	0	0	0	0
12/18/2023 9:16	40502 CRES_T2	0	0	0	0	0	0	-0.14	-0.14	0	0	0	0	0	0
12/18/2023 9:17	45501 DERR_T2	0	0	0	0	0	0	1.59	1.64	4	4	0	3600	3600	0
12/18/2023 9:22	40101 HUNT_T2	0	1	1	0	0	0	-0.42	-0.39	0	0	0	0	0	0
12/18/2023 9:22	49803 UNIV_T1	0	0	0	0	0	0	-1.19	0.16	0	0	0	0	0	0
12/18/2023 9:22	41801 GOCI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/18/2023 9:24	40101 HUNT_T2	0	1	1	0	0	0	-0.39	-0.35	0	0	0	0	0	0
12/18/2023 9:24	41801 GOCI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/18/2023 9:25	64101 REFR_T1	0	0	0	0	0	0	-0.18	-0.15	0	0	0	0	0	0
12/18/2023 9:26	64101 REFR_T1	0	0	0	0	0	0	-0.18	-0.15	0	0	0	0	0	0
12/18/2023 9:26	52102 MEIS_T1	0	0	0	0	0	0	0	0	2	2	0	900	900	0
12/18/2023 9:27	52102 MEIS_T1	0	0	0	0	0	0	0	0	1	1	0	450	450	0
12/18/2023 9:27	64101 REFR_T1	0	0	0	0	0	0	-0.18	-0.15	0	0	0	0	0	0
12/18/2023 9:30	64101 REFR_T1	0	0	0	0	0	0	-0.36	-0.31	0	0	0	0	0	0
12/18/2023 9:30	42201 SHEN_T2	0	0	0	0	0	0	-0.09	-0.08	1	1	0	600	600	0
12/18/2023 9:31	64101 REFR_T1	0	0	0	0	0	0	-0.18	-0.15	0	0	0	0	0	0
12/18/2023 9:31	56802 BENV_T2	1	1	0	0.1	1.2	1.1	-1.34	-1.3	0	0	0	0	0	0
12/18/2023 9:32	29401 BELT_T1	77	89	12	0.27	0.28	0.01	0	0	0	0	0	0	0	0
12/18/2023 9:33	56802 BENV_T2	1	1	0	0.1	1.2	1.1	-5.36	-5.21	0	0	0	0	0	0
12/18/2023 9:33	67502 WEWI_T2	118	174	56	0.23	0.47	0.24	-1.04	-1.06	1	1	0	900	900	0
12/18/2023 9:34	67502 WEWI_T2	118	174	56	0.23	0.47	0.24	-1.04	-1.06	1	1	0	900	900	0
12/18/2023 9:34	56802 BENV_T2	1	1	0	0.1	1.2	1.1	-2.68	-2.6	0	0	0	0	0	0
12/18/2023 9:36	20601 GRWO_T2	0	0	0	0	0	0	1.12	0.37	0	0	0	0	0	0
12/18/2023 9:36	40101 HUNT_T2	1	0	-1	0.1	0	-0.1	-0.39	-0.35	0	0	0	0	0	0
12/18/2023 9:38	64101 REFR_T1	0	0	0	0	0	0	-0.18	-0.15	0	0	0	0	0	0
12/18/2023 9:41	56802 BENV_T2	1	1	0	0.1	1.2	1.1	-2.6	-2.68	0	0	0	0	0	0
12/18/2023 9:42	56802 BENV_T2	1	1	0	0.1	1.2	1.1	-1.3	-1.34	0	0	0	0	0	0
12/18/2023 9:42	41901 REED_T1	1	2	1	0.4	0.3	-0.1	0	0	0	0	0	0	0	0
12/18/2023 9:42	67502 WEWI_T2	118	174	56	0.23	0.47	0.24	-1.06	-1.14	1	0	-1	900	0	-900
12/18/2023 9:42	58402 MORO_T1	0	0	0	0	0	0	-0.87	-0.91	3	3	0	2400	2400	0
12/18/2023 9:43	64101 REFR_T1	0	0	0	0	0	0	-0.15	-0.12	0	0	0	0	0	0
12/18/2023 9:44	67204 TEHI_T2	0	0	0	0	0	0	-0.06	-0.06	0	0	0	0	0	0
12/18/2023 9:44	43304 WATS_T2	0	1	1	0	0	0	-0.01	0	0	0	0	0	0	0
12/18/2023 9:46	26401 INOR_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/18/2023 9:46	67204 TEHI_T2	0	0	0	0	0	0	-0.06	-0.06	0	0	0	0	0	0
12/18/2023 9:46	40502 CRES_T2	0	1	1	0	0	0	-0.29	-0.32	0	0	0	0	0	0
12/18/2023 9:48	40502 CRES_T2	0	1	1	0	0	0	-0.14	-0.16	0	0	0	0	0	0
12/18/2023 9:53	43201 MVIL_T2	0	1	1	0	0	0	-1.23	-1.26	0	0	0	0	0	0
12/18/2023 9:56	67402 WAKE_T2	0	0	0	0	0	0	0.19	0.2	0	0	0	0	0	0
12/18/2023 9:57	57401 SPAN_T1	2	2	0	0.25	0.2	-0.05	-1.04	-0.91	1	1	0	600	600	0
12/18/2023 9:58	57401 SPAN_T1	2	2	0	0.25	0.2	-0.05	-1.04	-0.91	1	1	0	600	600	0
12/18/2023 9:58	56501 ROCK_T2	1	1	0	0.2	0.1	-0.1	-0.9	-0.87	0	0	0	0	0	0
12/18/2023 9:58	43304 WATS_T2	0	1	1	0	0	0	0	-0.39	0	0	0	0	0	0
12/18/2023 9:58	56501 ROCK_T2	1	1	0	0.2	0.1	-0.1	-0.9	-0.87	0	0	0	0	0	0
12/18/2023 9:59	57401 SPAN_T1	2	2	0	0.25	0.2	-0.05	-1.04	-0.91	1	1	0	600	600	0
12/18/2023 9:59	59101 WALK_T2	1	1	0	0	0	0	3.2	3.29	2	2	0	1200	1200	0
12/18/2023 9:59	66505 SMAN_T2	0	3	3	0.43	0.43	0	0	0	0	0	0	0	0	0
12/18/2023 9:59	67203 TEHI_T1	1	1	0	0.3	0.2	-0.1	2.1	2.15	2	2	0	1200	1200	0
12/18/2023 10:00	59101 WALK_T2	1	1	0	0	0	0	1.6	1.64	1	1	0	600	600	0
12/18/2023 10:00	27502 WEIS_T2	0	0	0	0	0	0	-0.47	-0.5	0	0	0	0	0	0
12/18/2023 10:00	40502 CRES_T2	1	0	-1	0.2	0	-0.2	-0.16	-0.12	0	0	0	0	0	0
12/18/2023 10:00	57401 SPAN_T1	2	2	0	0.2	0.15	-0.05	-1.04	-0.91	1	1	0	600	600	0
12/18/2023 10:02	59101 WALK_T2	1	1	0	0	0	0	1.6	1.64	1	1	0	600	600	0
12/18/2023 10:02	29402 BELT_T1	1	1	0	7.5	8	0.5	0	0	0	0	0	0	0	0
12/18/2023 10:02	67201 TEHI_T1	0	1	1	0	0	0	0.8	0.85	1	1	0	900	900	0
12/18/2023 10:02	64101 REFR_T1	0	0	0	0	0	0	-0.12	-0.1	0	0	0	0	0	0
12/18/2023 10:02	46001 BERW_T1	0	0	0	0	0	0	1.03	1.02	0	0	0	0	0	0
12/18/2023 10:02	40502 CRES_T2	1	0	-1	0.2	0	-0.2	-0.81	-0.61	0	0	0	0	0	0
12/18/2023 10:03	57401 SPAN_T1	2	2	0	0.2	0.15	-0.05	-1.04	-0.91	1	1	0	600	600	0
12/18/2023 10:03	46001 BERW_T1	0	0	0	0	0	0	1.03	1.02	0	0	0	0	0	0
12/18/2023 10:04	40502 CRES_T2	1	0	-1	0.2	0	-0.2	-0.97	-0.74	0	0	0	0	0	0
12/18/2023 10:04	29402 BELT_T1	1	1	0	7.5	8	0.5	0	0	0	0	0	0	0	0
12/18/2023 10:04	29402 BELT_T1	1	1	0	7.5	8	0.5	0	0	0	0	0	0	0	0
12/18/2023 10:04	53501 EVIL_T2	8	9	1	1.65	1.62	-0.03	-2.51	-2.37	4	4	0	2400	2400	0
12/18/2023 10:05	53501 EVIL_T2	8	9	1	1.65	1.62	-0.03	-0.63	-0.59	1	1	0	600	600	0
12/18/2023 10:06	27502 WEIS_T2	0	0	0	0	0	0	-0.47	-0.5	0	0	0	0	0	0
12/18/2023 10:06	40502 CRES_T2	1	0	-1	0.2	0	-0.2	-0.32	-0.25	0	0	0	0	0	0
12/18/2023 10:07	55002 NEWP_T1	4	4	0	0.63	0.5	-0.13	-0.2	-0.21	0	0	0	0	0	0
12/18/2023 10:08	55002 NEWP_T1	4	4	0	0.63	0.5	-0.13	-0.4	-0.42	0	0	0	0	0	0
12/18/2023 10:09	63401 HONY_T1	0	0	0	0	0	0	0.89	0.78	0	0	0	0	0	0
12/18/2023 10:10	55002 NEWP_T1	4	4	0	0.63	0.5	-0.13	-0.21	-0.2	0	0	0	0	0	0
12/18/2023 10:11	12701 MACU_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/18/2023 10:11	66702 STRA_T1	0	0	0	0	0	0	0.01	-0.11	3	3	0	2700	2700	0
12/18/2023 10:13	43302 WATS_T2	0	2	2	0	0.1	0.1	0	0	0	0	0	0	0	0
12/18/2023 10:13	64101 REFR_T1	0	0	0	0	0	0	-0.1	-0.08	0	0	0	0	0	0
12/18/2023 10:15	26401 INOR_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/18/2023 10:16	45501 DERR_T2	0	0	0	0	0	0	0.87	0.84	2	2	0	1800	1800	0
12/18/2023 10:16	27502 WEIS_T2	0	0	0	0	0	0	-0.5	-0.48	0	0	0	0	0	0
12/18/2023 10:16	65001 NEFF_T2	0	0	0	0	0	0	-0.52	-0.28	1	1	0	1200	1200	0
12/18/2023 10:17	56801 BENV_T1	6	12	6	0.48	0.65	0.17	-0.75	-0.76	1	1	0	600	600	0
12/18/2023 10:17	26401 INOR_T1	0	6	6	0	0	0	0	0	0	0	0	0	0	0
12/18/2023 10:17	45501 DERR_T2	0	0	0	0	0	0	0.87	0.84	2	2	0	1800	1800	0
12/18/2023 10:18	62604 ENGL_T1	0	0	0	0	0	0	-0.37	-0.38	1	1	0	600	600	0
12/18/2023 10:18	17804 GILB_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/18/2023 10:19	62604 ENGL_T1	0	0	0	0	0	0	-0.75	-0.76	2	2	0	1200	1200	0
12/18/2023 10:20	56801 BENV_T1	6	12	6	0.48	0.65	0.17	-0.75	-0.76	1	1	0	600	600	0
12/18/2023 10:20	62604 ENGL_T1	0	0	0	0	0	0	-0.37	-0.38	1	1	0	600	600	0
12/18/2023 10:21	62604 ENGL_T1	0	0	0	0	0	0	-0.37	-0.38	1	1	0	600	600	0
12/18/2023 10:22	27502 WEIS_T2	0	0	0	0	0	0	-0.5	-0.48	0	0	0	0	0	0
12/18/2023 10:23	16402 MOPO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/18/2023 10:23	55002 NEWP_T1	4	5	1	0.35	0.56	0.21	-0.42	-0.4	0	0	0	0	0	0
12/18/2023 10:24	13302 ORVI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/18/2023 10:24	16402 MOPO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/18/2023 10:24	55002 NEWP_T1	4	5	1	0.35	0.56	0.21	-0.2	-0.19	0	0	0	0	0	0
12/18/2023 10:25	55002 NEWP_T1	4	5	1	0.35	0.56	0.21	-0.2	-0.19	0	0	0	0	0	0
12/18/2023 10:27	43304 WATS_T2	0	0	0	0	0	0	-0.35	-0.36	0	0	0	0	0	0
12/18/2023 10:28	65902 SAKR_T2	0	0	0	0	0	0	-0.81	-0.86	1	1	0	900	900	0
12/18/2023 10:28	57401 SPAN_T1	2	2	0	0.15	0.75	0.6	-1.04	-1.06	1	1	0	600	600	0
12/18/2023 10:30	56501 ROCK_T2	0	0	0	0	0	0	-0.91	-0.89	0	0	0	0	0	0
12/18/2023 10:30	43402 BENT_T1	0	0	0	0	0	0	-1.28	-1.34	2	2	0	1500	1500	0
12/18/2023 10:31	43304 WATS_T2	0	0	0	0	0	0	-0.35	-0.36	0	0	0	0	0	0
12/18/2023 10:31	10801 CHHI_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/18/2023 10:31	26401 INOR_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/18/2023 10:32	27502 WEIS_T2	0	0	0	0	0	0	-0.48	-0.45	0	0	0	0	0	0
12/18/2023 10:34	29402 BELT_T1	1	1	0	8	7.9	-0.1	0	0	0	0	0	0	0	0
12/18/2023 10:34	12401 MILF_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/18/2023 10:35	12401 MILF_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/18/2023 10:38	27502 WEIS_T2	0	0	0	0	0	0	-0.45	-0.46	0	0	0	0	0	0
12/18/2023 10:39	12401 MILF_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/18/2023 10:39	64702 LITI_T2	0	0	0	0	0	0	-0.77	-0.85	0	0	0	0	0	0
12/18/2023 10:39	57401 SPAN_T1	2	2	0	0.15	0.75	0.6	-1.06	-1.07	1	1	0	600	600	0
12/18/2023 10:40	13302 ORVI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/18/2023 10:40	56504 ROCK_T2	0	0	0	0	0	0	-0.24	-0.12	0	0	0	0	0	0
12/18/2023 10:41	64702 LITI_T2	0	0	0	0	0	0	-0.77	-0.85	0	0	0	0	0	0
12/18/2023 10:43	67204 TEHI_T2	0	0	0	0	0	0	-0.03	-0.02	0	0	0	0	0	0
12/18/2023 10:43	59101 WALK_T2	1	1	0	0	0	0	1.74	1.64	1	1	0	600	600	0
12/18/2023 10:48	16302 ALPA_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/18/2023 10:50	27502 WEIS_T2	0	0	0	0	0	0	-0.45	-0.46	0	0	0	0	0	0
12/18/2023 10:50	16302 ALPA_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/18/2023 10:51	16302 ALPA_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/18/2023 10:51	43001 ALWD_T1	7	3	-4	0.11	0.1	-0.01	0	0	0	0	0	0	0	0
12/18/2023 10:52	56802 BENV_T2	2	6	4	0.7	0.28	-0.42	-1.34	-1.27	0	0	0	0	0	0
12/18/2023 10:52	16302 ALPA_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/18/2023 10:53	67204 TEHI_T2	0	0	0	0	0	0	-0.03	-0.02	0	0	0	0	0	0
12/18/2023 10:54	56802 BENV_T2	2	6	4	0.7	0.28	-0.42	-2.54	-2.6	0	0	0	0	0	0
12/18/2023 10:55	44201 POIN_T1	0	0	0	0	0	0	0.01	-0.18	1	1	0	900	900	0
12/18/2023 10:56	49804 UNIV_T1	7	0	-7	3.09	0	-3.09	0.49	0.43	0	0	0	0	0	0
12/18/2023 10:57	57403 SPAN_T1	0	1	1	0	0.2	0.2	0.13	0.11	0	0	0	0	0	0
12/18/2023 10:57	60803 BUCK_T1	0	0	0	0	0	0	-0.72	-0.79	1	1	0	600	600	0
12/18/2023 10:57	44201 POIN_T1	0	0	0	0	0	0	0.01	-0.18	1	1	0	900	900	0
12/18/2023 10:58	60803 BUCK_T1	0	0	0	0	0	0	-0.72	-0.79	1	1	0	600	600	0
12/18/2023 10:58	65001 NEFF_T2	0	0	0	0	0	0	-0.47	-0.53	1	1	0	1200	1200	0
12/18/2023 10:59	57403 SPAN_T1	0	1	1	0	0.2	0

Appendix C - Grid Benefits Achieved in Each Instance of Active Management

12/18/2023 11:28	64802 MONE_T2	0	9	9	0	0.2	0.2	0	0	0	0	0	0	0	0
12/18/2023 11:29	64801 MONE_T2	0	1	1	0	0.6	0.6	0	0	0	0	0	0	0	0
12/18/2023 11:30	60801 BUCK_T1	0	0	0	0	0	0	-0.35	-0.38	1	1	0	600	600	0
12/18/2023 11:30	56802 BENV_T2	7	3	-4	0.27	0.53	0.26	-3.82	-4.02	0	0	0	0	0	0
12/18/2023 11:30	64101 REFR_T1	0	0	0	0	0	0	-0.3	-0.36	0	0	0	0	0	0
12/18/2023 11:30	44301 BEAV_T2	0	0	0	0	0	0	0.9	0.85	2	2	0	1500	1500	0
12/18/2023 11:31	56802 BENV_T2	7	3	-4	0.27	0.53	0.26	-1.27	-1.34	0	0	0	0	0	0
12/18/2023 11:32	20403 ASHF_T2	0	0	0	0	0	0	0.14	0.13	0	0	0	0	0	0
12/18/2023 11:32	44301 BEAV_T2	0	0	0	0	0	0	1.8	1.71	4	4	0	3000	3000	0
12/18/2023 11:32	61801 EEU_T2	0	0	0	0	0	0	-0.95	-0.92	1	1	0	600	600	0
12/18/2023 11:32	56802 BENV_T2	7	3	-4	0.27	0.53	0.26	-1.27	-1.34	0	0	0	0	0	0
12/18/2023 11:32	64101 REFR_T1	0	0	0	0	0	0	-0.1	-0.12	0	0	0	0	0	0
12/18/2023 11:33	52202 DEVO_T2	0	0	0	0	0	0	-1.36	-1.37	0	0	0	0	0	0
12/18/2023 11:33	44301 BEAV_T2	0	0	0	0	0	0	2.7	2.56	6	6	0	4500	4500	0
12/18/2023 11:33	67502 WEWI_T2	10	73	63	0.26	0.21	-0.05	0	0	0	0	0	0	0	0
12/18/2023 11:34	20403 ASHF_T2	0	0	0	0	0	0	0.14	0.13	0	0	0	0	0	0
12/18/2023 11:34	60201 ATGL_T2	0	0	0	0	0	0	0.46	0.43	0	0	0	0	0	0
12/18/2023 11:34	51604 DUKE_T2	12	21	9	0.22	0.25	0.03	-1.62	-1.61	1	1	0	900	900	0
12/18/2023 11:34	54502 ENOL_T2	1	1	0	0.4	0.5	0.1	0	0	0	0	0	0	0	0
12/18/2023 11:34	56802 BENV_T2	7	3	-4	0.27	0.53	0.26	-7.63	-8.04	0	0	0	0	0	0
12/18/2023 11:35	56802 BENV_T2	7	3	-4	0.27	0.53	0.26	-3.82	-4.02	0	0	0	0	0	0
12/18/2023 11:36	56802 BENV_T2	7	3	-4	0.27	0.53	0.26	-1.27	-1.34	0	0	0	0	0	0
12/18/2023 11:37	67502 WEWI_T2	10	73	63	0.26	0.21	-0.05	-1.15	-1.12	1	1	0	900	900	0
12/18/2023 11:37	46903 MNTG_T2	0	53	53	0	0.16	0.16	0.08	0.05	2	2	0	1200	1200	0
12/18/2023 11:38	67502 WEWI_T2	10	73	63	0.26	0.21	-0.05	-1.15	-1.12	1	1	0	900	900	0
12/18/2023 11:38	63401 HONY_T1	0	0	0	0	0	0	0.87	0.92	0	0	0	0	0	0
12/18/2023 11:38	46903 MNTG_T2	0	53	53	0	0.16	0.16	0.03	0.04	1	1	0	600	600	0
12/18/2023 11:38	54206 PENN_T2	0	1	1	0	0.1	0.1	0	0	0	0	0	0	0	0
12/18/2023 11:39	57301 MOAL_T2	0	1	1	0	0	0	0	0	0	0	0	0	0	0
12/18/2023 11:39	67502 WEWI_T2	10	73	63	0.26	0.21	-0.05	0	0	0	0	0	0	0	0
12/18/2023 11:40	67503 WEWI_T2	1291	4	-1287	2.9	0.15	-2.75	0	0	0	0	0	0	0	0
12/18/2023 11:40	46903 MNTG_T2	0	0	0	0	0	0	1.92	1.66	0	0	0	0	0	0
12/18/2023 11:41	67502 WEWI_T2	10	73	63	0.26	0.21	-0.05	-1.12	-1.13	1	1	0	900	900	0
12/18/2023 11:42	46901 MNTG_T2	0	0	0	0	0	0	1.92	1.66	0	0	0	0	0	0
12/18/2023 11:42	52002 LING_T2	1	1	0	0.9	1	0.1	0	0	0	0	0	0	0	0
12/18/2023 11:42	46903 MNTG_T2	0	53	53	0	0.16	0.16	0.03	0.04	1	1	0	600	600	0
12/18/2023 11:43	67203 TEHI_T1	1	0	-1	0.3	0	-0.3	1.79	1.67	2	2	0	1200	1200	0
12/18/2023 11:43	67502 WEWI_T2	10	73	63	0.26	0.21	-0.05	0	0	0	0	0	0	0	0
12/18/2023 11:44	52502 PROG_T2	0	0	0	0	0	0	-0.67	-0.67	1	1	0	900	900	0
12/18/2023 11:44	59101 WALK_T2	1	2	1	0	0	0	4.92	4.21	2	2	0	1200	1200	0
12/18/2023 11:44	46001 BERW_T1	0	0	0	0	0	0	0.98	0.94	0	0	0	0	0	0
12/18/2023 11:45	59101 WALK_T2	1	2	1	0	0	0	7.37	6.31	3	3	0	1800	1800	0
12/18/2023 11:46	60101 COCA_T1	0	0	0	0	0	0	0.4	0.36	0	0	0	0	0	0
12/18/2023 11:48	20403 ASHF_T2	0	0	0	0	0	0	0.13	0.11	0	0	0	0	0	0
12/18/2023 11:49	60101 COCA_T1	0	0	0	0	0	0	0.4	0.36	0	0	0	0	0	0
12/18/2023 11:50	20403 ASHF_T2	0	0	0	0	0	0	0.13	0.11	0	0	0	0	0	0
12/18/2023 11:51	60502 NMAN_T2	1	0	-1	1.1	0	-1.1	-0.09	-0.06	0	0	0	0	0	0
12/18/2023 11:51	53903 HAU_T2	2	3	1	1	1	0	0	0	0	0	0	0	0	0
12/18/2023 11:52	53903 HAU_T2	2	3	1	1	1	0	-0.12	-0.12	0	0	0	0	0	0
12/18/2023 11:53	53903 HAU_T2	2	3	1	1	1	0	-0.12	-0.12	0	0	0	0	0	0
12/18/2023 11:58	16101 BING_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/18/2023 11:59	67203 TEHI_T1	0	0	0	0	0	0	1.67	2.09	2	2	0	1200	1200	0
12/18/2023 11:59	14403 SSLA_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/18/2023 11:59	43001 ALWD_T1	12	14	2	0.18	0.24	0.06	0	0	0	0	0	0	0	0
12/18/2023 12:00	41901 REED_T1	8	11	3	0.25	0.38	0.13	0	0	0	0	0	0	0	0
12/18/2023 12:00	46001 BERW_T1	0	0	0	0	0	0	0.94	0.93	0	0	0	0	0	0
12/18/2023 12:02	60101 COCA_T1	0	0	0	0	0	0	0.36	0.35	0	0	0	0	0	0
12/18/2023 12:02	65001 NEFF_T2	0	0	0	0	0	0	-0.51	-0.56	1	1	0	1200	1200	0
12/18/2023 12:03	67503 WEWI_T2	0	1290	1290	0	0	0	0	0	0	0	0	0	0	0
12/18/2023 12:04	67503 WEWI_T2	0	1290	1290	0	0	0	-0.35	-0.35	0	0	0	0	0	0
12/18/2023 12:05	67502 WEWI_T2	39	33	-6	0.19	0.13	-0.06	-1.13	-1.2	1	1	0	900	900	0
12/18/2023 12:06	65003 NEFF_T2	1	4	3	0.2	0.15	-0.05	0	0	0	0	0	0	0	0
12/18/2023 12:06	67502 WEWI_T2	39	33	-6	0.19	0.13	-0.06	-1.13	-1.2	1	1	0	900	900	0
12/18/2023 12:06	67503 WEWI_T2	0	1290	1290	0	0	0	-0.69	-0.71	0	0	0	0	0	0
12/18/2023 12:06	60101 COCA_T1	0	0	0	0	0	0	0.36	0.35	0	0	0	0	0	0
12/18/2023 12:07	67502 WEWI_T2	39	33	-6	0.19	0.13	-0.06	-1.13	-1.2	1	1	0	900	900	0
12/18/2023 12:10	59003 MIFF_T1	0	0	0	0	0	0	-0.31	-0.15	0	0	0	0	0	0
12/18/2023 12:11	59003 MIFF_T1	0	0	0	0	0	0	-0.31	-0.15	0	0	0	0	0	0
12/18/2023 12:12	67002 STHI_T2	0	7	7	0	0.26	0.26	0.66	0.63	0	0	0	0	0	0
12/18/2023 12:16	67002 STHI_T2	7	1	-6	0.26	0.7	0.44	0.66	0.63	0	0	0	0	0	0
12/18/2023 12:18	67904 WNHO_T1	0	0	0	0	0	0	-2.09	-2.08	2	2	0	2100	2100	0
12/18/2023 12:19	54505 ENOL_T2	1	1	0	0.8	0.8	0	0	0	0	0	0	0	0	0
12/18/2023 12:22	54505 ENOL_T2	1	1	0	0.8	0.8	0	0	0	0	0	0	0	0	0
12/18/2023 12:23	53902 HAU_T2	0	0	0	0	0	0	-0.88	-0.87	0	0	0	0	0	0
12/18/2023 12:24	53903 HAU_T2	2	2	0	1	1	0	-0.09	-0.13	0	0	0	0	0	0
12/18/2023 12:25	54202 PENN_T2	0	0	0	0	0	0	0.64	0.63	0	0	0	0	0	0
12/18/2023 12:26	64101 REFR_T1	0	0	0	0	0	0	-0.13	-0.12	0	0	0	0	0	0
12/18/2023 12:27	57306 MOAL_T2	0	1	1	0	0.6	0.6	-3.19	-3.17	1	1	0	1200	1200	0
12/18/2023 12:27	64101 REFR_T1	0	0	0	0	0	0	-0.13	-0.12	0	0	0	0	0	0
12/18/2023 12:29	64101 REFR_T1	0	0	0	0	0	0	-0.13	-0.12	0	0	0	0	0	0
12/18/2023 12:30	64101 REFR_T1	0	0	0	0	0	0	-0.25	-0.23	0	0	0	0	0	0
12/18/2023 12:31	59101 WALK_T2	1	1	0	0	0	0	3.8	3.53	2	2	0	1200	1200	0
12/18/2023 12:32	59101 WALK_T2	1	1	0	0	0	0	5.7	5.29	3	3	0	1800	1800	0
12/18/2023 12:32	48302 ORWI_T2	2	2	0	0.75	0.8	0.05	0.09	0.11	0	0	0	0	0	0
12/18/2023 12:48	63601 LETO_T1	0	0	0	0	0	0	1.22	1.15	0	1	1	0	900	900
12/18/2023 12:58	41902 REED_T1	0	1	1	0	0	0	1.11	1.14	0	0	0	0	0	0
12/18/2023 12:58	64101 REFR_T1	0	0	0	0	0	0	-0.09	-0.13	0	0	0	0	0	0
12/18/2023 12:59	65001 NEFF_T2	0	0	0	0	0	0	-0.46	-0.61	1	1	0	1200	1200	0
12/18/2023 13:00	41902 REED_T1	1	0	-1	1.6	0	-1.6	1.11	1.14	0	0	0	0	0	0
12/18/2023 13:00	14802 TREI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/18/2023 13:02	43001 ALWD_T1	13	17	4	0.24	0.28	0.04	0	0	0	0	0	0	0	0
12/18/2023 13:04	63601 LETO_T1	0	0	0	0	0	0	1.15	1.14	1	1	0	900	900	0
12/18/2023 13:12	63404 HONY_T1	2	2	0	5.8	6.15	0.35	0	0	0	0	0	0	0	0
12/18/2023 13:13	12401 MILF_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/18/2023 13:13	64101 REFR_T1	0	0	0	0	0	0	-0.13	-0.12	0	0	0	0	0	0
12/18/2023 13:24	16101 BING_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/18/2023 13:25	47402 PENS_T1	120	120	0	2.28	3.29	1.01	0	0	0	0	0	0	0	0
12/18/2023 13:26	47401 PENS_T1	0	0	0	0	0	0	-0.35	0.89	0	0	0	0	0	0
12/18/2023 13:26	16101 BING_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/18/2023 13:27	47403 PENS_T1	1	1	0	1.2	2	0.8	0	0	0	0	0	0	0	0
12/18/2023 13:30	20401 ASHF_T2	0	7	7	0	0	0	0	0	0	0	0	0	0	0
12/18/2023 13:46	42201 SHEN_T2	0	0	0	0	0	0	-0.11	-0.06	1	1	0	600	600	0
12/18/2023 13:49	54502 ENOL_T2	1	1	0	0.6	0.6	0	0	0	0	0	0	0	0	0
12/18/2023 14:00	59101 WALK_T2	1	1	0	0	0	0	1.64	1.91	1	1	0	600	600	0
12/18/2023 14:01	59101 WALK_T2	1	1	0	0	0	0	1.64	1.91	1	1	0	600	600	0
12/18/2023 14:03	54502 ENOL_T2	1	1	0	0.5	0.7	0.2	-2.01	-2.01	1	1	0	600	600	0
12/18/2023 14:06	40101 HUNT_T2	0	1	1	0	0.6	0.6	-3.28	-3.25	0	0	0	0	0	0
12/18/2023 14:07	59301 MCAL_T1	0	2	2	0	0.1	0.1	-1.69	-1.7	1	1	0	600	600	0
12/18/2023 14:08	50502 MECH_T1	1	1	0	2.1	2.2	0.1	0	0	0	0	0	0	0	0
12/18/2023 14:09	59302 MCAL_T1	0	0	0	0	0	0	-0.15	-0.16	1	1	0	600	600	0
12/18/2023 14:09	13302 ORVI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/18/2023 14:10	46801 HEPB_T2	2	2	0	0.3	0.35	0.05	0.65	0.66	0	0	0	0	0	0
12/18/2023 14:10	40101 HUNT_T2	0	1	1	0	0.6	0.6	-0.65	-0.65	0	0	0	0	0	0
12/18/2023 14:10	14403 SSLA_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/18/2023 14:10	13302 ORVI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/18/2023 14:11	64101 REFR_T1	0	0	0	0	0	0	-0.09	-0.07	0	0	0	0	0	0
12/18/2023 14:12	16101 BING_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/18/2023 14:14	13302 ORVI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/18/2023 14:14	16101 BING_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/18/2023 14:15	63404 HONY_T1	2	2	0	6.25	6.3	0.05	0	0	0	0	0	0	0	0
12/18/2023 14:15	44301 BEAV_T2	0	0	0	0	0	0	-0.39	-0.63	2	2	0	1500	1500	0
12/18/2023 14:16	44301 BEAV_T2	0	0	0	0	0	0	-0.39	-0.63	2	2	0	1500	1500	0
12/18/2023 14:17	45501 DERR_T2	0	0	0	0	0	0	0.64	0.63	2	2	0	1800	1800	0
12/18/2023 14:18	60501 NMAN_T2	3	3	0	4.73	5.17	0.44	0	0	0	0	0	0	0	0
12/18/2023 14:18	44301 BEAV_T2	0	0	0	0	0	0	-0.39	-0.63	2	2	0	1500	1500	0
12/18/2023 14:18	20403 ASHF_T2	0	0	0	0	0	0	0.18	0.18	0	0	0	0	0	0
12/18/2023 14:19	44301 BEAV_T2	0	0	0	0	0	0	-0.39	-0.63	2	2	0	1500	1500	0
12/18/2023 14:20	45501 DERR_T2	0	0	0	0	0	0	1.92	1.88	6	6	0	5400	5400	0
12/18/2023 14:22	40101 HUNT_T2	1	1	0	0.8	0	-0.8	-2.6	-2.6	0	0	0	0	0	0
12/18/2023 14:24	20601 GRWO_T2	0	0	0	0	0	0	-0.22	-0.31	0	0	0	0	0	0
12/18/2023 14:24	59302 MCAL_T1	0	0	0	0	0	0	-0.16	-0.14	1	1	0	600	600	0
12/18/2023 14:26	13302 ORVI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/18/2023 14:27	64802 MONE_T2	0	0	0	0	0	0	0.02	0.02	0	0	0	0	0	0
12/18/2023 14:28	42201 SHEN_T2	0	2	2	0	0	0	-0.06	-0.07	1	1	0	600	600	0
12/18/2023 14:28	65001 NEFF_T2	0	0	0	0	0	0	-0.78	-0.68	1	1	0	1200	1200	0
12/18/2023 14:28	59101 WALK_T2	1	1	0	0	0	0	1.87	1.7	1	1	0	600	600	0
12/18/2023 14:29	26401 INOR_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/18/2023 14:29	67503 WEWI_T2	0	0	0	0	0	0	-0.21	-0.17	0	0	0	0	0	0
12/18/2023 14:29	44301 BEAV_T2	0	0	0	0	0	0	-0.63	-0.22	2	1	-1	1500	600	-900
12/18/2023 14:31	55105 WERT_T1	0	0	0	0	0	0	-0.62	-0.64	1	1	0	900	900	0
12/18/2023 14:32	26401 INOR_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/18/2023 14:33	59101 WALK_T2	1	1	0	0	0	0	1.87	1.7	1	1	0	600	600	0
12/18/2023 14:33	53601 DALM_T2	1	1	0	0.5	0.8	0.3	-0.51	-0.51	1	1	0	900	900	0
12/18/2023 14:34	54502 ENOL_T2	1	1	0	0.7	0.4	-0.3	-2.03	-2	1	1	0	600	600	0
12/18/2023 14:36	40101 HUNT_T2	1	0	-1	0.6	0	-0.6	-1.3	-1.33	0	0	0	0	0	0
12/18/2023 14:36	28805 LAKE_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/18/2023 14:37	46902 MNTG_T2	0	1	1	0	0.1	0.1	0	0	0	0	0	0	0	0
12/18/2023 14:37	28805 LAKE_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/18/2023 14:38	41801 GOCI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/18/2023 14:38	40101 HUNT_T2	1	0	-1	0.6	0	-0.6	-1.33	-1.26	0	0	0	0	0	0
12/18/2023 14:39	46901 MNTG_T2	0	0	0	0	0	0	2.17	1.65	0	0	0	0	0	0
12/18/2023 14:40	67502 WEWI_T2	0	0	0	0	0	0	-1.16	-1.23	1	1	0	900	900	0
12/18/2023 14:40	59301 MCAL_T1	2	2	0	0.1	0.2	0.1	0	0	0	0	0	0	0	0
12/18/2023 14:40	63203 MGTN_T1	0	0	0	0	0	0	-0.8	-0.8	2	2	0	1200	1200	0
12/18/2023 14:41	46903 MNTG_T2	36	32	-4	0.13	0.13	0	0.07	-0.13	2	2	0	1200	1200	0
12/18/2023 14:41	13302 ORVI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/18/2023 14:42	41901 REED_T1	11	11	0	0.62	0.41	-0.21	0	0	0	0	0	0	0	0
12/18/2023 14:42	51107 CARL_T1	0	0	0	0	0	0	-0.38	-0.39	0	0	0	0	0	0
12/18/2023 14:42	14403 SSLA_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/18/2023 14:43	16101 BING_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/18/2023 14:43	64802 MONE_T2	0	0	0	0	0	0	0.02	0.02	0	0	0	0	0	0
12/18/2023 14:43	43304 WATS_T2	0	0	0	0	0	0	-0.35	-0.34	0	0	0	0	0	0
12/18/2023 14:43	52501 PROG_T1	0	0	0	0	0	0	0.32	0.35	1	1	0	300	300	0
12/18/2023 14:43	55101 WERT_T1	0	0	0	0	0	0	-0.95	-0.97	2	2	0	1500	1500	0
12/18/2023 14:44	55101 WERT_T1	0	0	0	0	0	0	-0.95	-0.97	2	2	0	1500	1500	0
12/18/2023 14:44	43304 WATS_T2	0	0	0	0	0	0	-0.35	-0.34	0	0	0	0	0	0
12/18/2023 14:44	65001 NEFF_T2	0	0	0	0	0	0	-0.68	-0.69	1	1	0	1200	1200	0
12/18/2023 14:44	51107 CARL_T1	0	0	0	0	0	0	-0.38	-0.39	0	0	0	0	0	0
12/18/2023 14:44	42802 SELI_T1	1	1	0	0.6	0.5	-0.1	-4.3	-4.24	2	2	0	1800	1800	0
12/18/2023 14:45	26401 INOR_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/18/2023 14:45	55101 WERT_T1	0	0	0	0	0	0	-1.9	-1.93	4	4	0	3000	3000	0
12/18/2023 14:45	44601 SALE_T2	0	0	0	0	0	0	0.53	0.52	1	1	0	600	600	0
12/18/2023 14:45	42801 SELI_T1	1	1	0	0	0	0	0	0	0	0	0	0	0	0
12/18/2023 14:46	43301 WATS_T2	0	0	0	0	0	0	-0.72	-0.68	1	1	0	900	900	0
12/18/2023 14:46	43301 WATS_T2	0	0	0	0	0	0	-0.72	-0.68	1	1	0	900	900	0
12/18/2023 14:46	55101 WERT_T1	0	0	0	0	0	0	-0.95	-0.97	2	2	0	1500	1500	0
12/18/2023 14:46	56802 BENV_T2	5	81	76	0.42	0.19	-0.23	-1.31	-1.31	0	0	0	0	0	0
12/18/2023 14:46	44301 BEAV_T2	0	0	0	0	0	0	-0.44	-0.45	2	2	0	1200	1200	0
12/18/2023 14:46	45501 DERR_T2	0	0	0	0	0	0	0.64	0.66	2	2	0	1800	1800	0
12/18/2023 14:47	55105 WERT_T1	0	0	0	0	0	0	-0.64	-0.57	1	1	0

Appendix C - Grid Benefits Achieved in Each Instance of Active Management

12/18/2023 15:43	64101 REFR_T1	0	0	0	0	0	0	-0.07	-0.07	0	0	0	0	0	0
12/18/2023 15:45	64101 REFR_T1	0	0	0	0	0	0	-0.07	-0.07	0	0	0	0	0	0
12/18/2023 15:46	45501 DERR_T2	0	1	1	0	0	0	0.73	0.75	2	2	0	1800	1800	0
12/18/2023 15:46	40502 CRES_T2	6	3	-3	0.13	0.1	-0.03	-0.16	-0.15	2	0	0	0	0	0
12/18/2023 15:46	59101 WALK_T2	1	1	0	0	0	0	3.98	4.01	2	2	0	1200	1200	0
12/18/2023 15:50	56801 BENV_T1	3	3	0	1.4	0.83	-0.57	-0.69	-0.72	1	1	0	600	600	0
12/18/2023 15:56	43202 MVIL_T2	0	1	1	0	0	0	0	0	0	0	0	0	0	0
12/18/2023 16:00	43302 WATS_T2	4	4	0	0.5	0.58	0.08	0	0	0	0	0	0	0	0
12/18/2023 16:01	43301 WATS_T2	0	0	0	0	0	0	-2.1	0.84	3	3	0	2700	2700	0
12/18/2023 16:02	43304 WATS_T2	0	1	1	0	0	0	0	0	0	0	0	0	0	0
12/18/2023 16:02	40502 CRES_T2	2	4	2	0.1	0.1	0	-0.45	-0.31	0	0	0	0	0	0
12/18/2023 16:04	40502 CRES_T2	2	4	2	0.1	0.1	0	-0.15	-0.1	0	0	0	0	0	0
12/18/2023 16:07	27101 GFLD_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/18/2023 16:14	26401 INOR_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/18/2023 16:23	65001 NEFF_T2	0	0	0	0	0	0	-0.69	-0.7	1	1	0	1200	1200	0
12/18/2023 16:23	43202 MVIL_T2	1	0	-1	0.1	0	-0.1	-0.58	-0.63	0	0	0	0	0	0
12/18/2023 16:24	43202 MVIL_T2	1	0	-1	0.1	0	-0.1	-0.58	-0.63	0	0	0	0	0	0
12/18/2023 16:30	26401 INOR_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/18/2023 16:44	25402 LAHA_T2	0	0	0	0	0	0	-0.68	-0.72	0	0	0	0	0	0
12/18/2023 16:49	53601 DALM_T2	0	0	0	0	0	0	-0.13	-0.06	0	0	0	0	0	0
12/18/2023 18:06	47403 PENS_T1	1	1	0	2.1	2.5	0.4	0	0	0	0	0	0	0	0
12/18/2023 18:14	65003 NEFF_T2	5	74	69	0.26	0.2	-0.06	0	0	0	0	0	0	0	0
12/18/2023 18:21	64702 LITI_T2	0	0	0	0	0	0	-0.64	-0.82	0	0	0	0	0	0
12/18/2023 18:23	60101 COCA_T1	0	0	0	0	0	0	0.32	0.43	0	0	0	0	0	0
12/18/2023 18:25	57401 SPAN_T1	1	2	1	0.1	0.3	0.2	0	0	0	0	0	0	0	0
12/18/2023 18:25	60101 COCA_T1	0	0	0	0	0	0	0.43	0.37	0	0	0	0	0	0
12/18/2023 18:26	57401 SPAN_T1	1	2	1	0.1	0.3	0.2	-0.61	-0.64	1	1	0	600	600	0
12/18/2023 18:28	57403 SPAN_T1	0	1	1	0	0	0	0	0	0	0	0	0	0	0
12/18/2023 18:28	28805 LAKE_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/18/2023 18:29	27101 GFLD_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/18/2023 18:30	29401 BELT_T1	13	3	-10	0.15	0.13	-0.02	0	0	0	0	0	0	0	0
12/18/2023 18:30	60501 NMAN_T2	3	3	0	3.9	4.3	0.4	0	0	0	0	0	0	0	0
12/18/2023 18:30	28805 LAKE_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/18/2023 18:31	26401 INOR_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/18/2023 18:31	57401 SPAN_T1	2	2	0	0.25	0.3	0.05	-0.61	-0.64	1	1	0	600	600	0
12/18/2023 18:31	67204 TEHI_T2	0	0	0	0	0	0	0.16	0.18	0	0	0	0	0	0
12/18/2023 18:31	66503 SMAN_T2	6	203	197	0.13	0.41	0.28	0	0	0	0	0	0	0	0
12/18/2023 18:32	27502 WEIS_T2	0	0	0	0	0	0	-0.39	-0.44	0	0	0	0	0	0
12/18/2023 18:32	57403 SPAN_T1	1	0	-1	0.2	0	-0.2	0	0	0	0	0	0	0	0
12/18/2023 18:32	47802 MOCA_T2	0	0	0	0	0	0	0.44	0.35	0	0	0	0	0	0
12/18/2023 18:32	13901 SEID_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/18/2023 18:32	10805 CHHI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/18/2023 18:33	26401 INOR_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/18/2023 18:33	17802 GILB_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/18/2023 18:34	53501 EVIL_T2	6	6	0	0.18	0.27	0.09	-0.97	-1.01	1	1	0	600	600	0
12/18/2023 18:34	29402 BELT_T1	1	1	0	6.4	6.3	-0.1	0	0	0	0	0	0	0	0
12/18/2023 18:34	54206 PENN_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/18/2023 18:34	16101 BING_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/18/2023 18:34	55101 WERT_T1	0	0	0	0	0	0	-1.71	-1.86	2	2	0	1500	1500	0
12/18/2023 18:34	64101 REFR_T1	0	0	0	0	0	0	-0.01	0	0	0	0	0	0	0
12/18/2023 18:34	48901 FOSP_T2	0	0	0	0	0	0	-0.37	-0.38	1	1	0	600	600	0
12/18/2023 18:35	65003 NEFF_T2	51	76	25	0.18	0.18	0	0	0	0	0	0	0	0	0
12/18/2023 18:35	46501 LOHA_T1	0	0	0	0	0	0	-0.05	-0.04	1	1	0	1200	1200	0
12/18/2023 18:35	67204 TEHI_T2	0	0	0	0	0	0	0.16	0.18	0	0	0	0	0	0
12/18/2023 18:36	48901 FOSP_T2	0	0	0	0	0	0	-0.37	-0.38	1	1	0	600	600	0
12/18/2023 18:36	62604 ENGL_T1	0	0	0	0	0	0	-0.47	-0.46	1	1	0	600	600	0
12/18/2023 18:36	56802 BENV_T2	1	1	0	0.3	0.1	-0.2	-1.33	-1.3	0	0	0	0	0	0
12/18/2023 18:36	29402 BELT_T1	1	1	0	6.4	6.3	-0.1	0	0	0	0	0	0	0	0
12/18/2023 18:36	22102 EDEL_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/18/2023 18:37	13302 ORVI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/18/2023 18:37	53901 HALI_T2	1	1	0	0.1	0.4	0.3	0	0	0	0	0	0	0	0
12/18/2023 18:37	56501 ROCK_T2	1	2	1	0.5	0.1	-0.4	-0.79	-0.79	0	0	0	0	0	0
12/18/2023 18:37	62604 ENGL_T1	0	0	0	0	0	0	-0.47	-0.46	1	1	0	600	600	0
12/18/2023 18:37	10801 CHHI_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/18/2023 18:38	49803 UNIV_T1	0	0	0	0	0	0	-1.1	-1.07	0	0	0	0	0	0
12/18/2023 18:38	40501 CRES_T2	2	2	0	0.15	0.1	-0.05	0	0	0	0	0	0	0	0
12/18/2023 18:38	53501 EVIL_T2	6	6	0	0.18	0.27	0.09	-0.97	-1.01	1	1	0	600	600	0
12/18/2023 18:38	67502 WEWI_T2	0	0	0	0	0	0	-1.28	-1.3	1	1	0	900	900	0
12/18/2023 18:38	56504 ROCK_T2	0	0	0	0	0	0	-0.31	-0.25	0	0	0	0	0	0
12/18/2023 18:38	41801 GOCI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/18/2023 18:38	29401 BELT_T1	13	3	-10	0.15	0.13	-0.02	0	0	1	1	0	900	900	0
12/18/2023 18:38	57401 SPAN_T1	2	2	0	0.25	0.3	0.05	-0.61	-0.64	1	1	0	600	600	0
12/18/2023 18:38	13302 ORVI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/18/2023 18:38	67203 TEHI_T1	1	1	0	0.1	0	-0.1	1.98	1.92	1	1	0	600	600	0
12/18/2023 18:38	43402 BENT_T1	1	0	-1	0.8	0	-0.8	-1.54	-1.55	2	2	0	1500	1500	0
12/18/2023 18:38	16302 ALPA_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/18/2023 18:38	61801 EELI_T2	0	0	0	0	0	0	-1.81	-1.85	2	2	0	1200	1200	0
12/18/2023 18:38	12701 MACU_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/18/2023 18:39	51604 DUKE_T2	0	0	0	0	0	0	-1.56	-1.58	1	1	0	900	900	0
12/18/2023 18:39	60803 BUCK_T1	0	0	0	0	0	0	-0.72	-0.74	1	1	0	600	600	0
12/18/2023 18:40	67904 WNHO_T1	0	0	0	0	0	0	-1.15	-1.15	1	1	0	1200	1200	0
12/18/2023 18:40	40501 CRES_T2	2	2	0	0.15	0.1	-0.05	0	0	0	0	0	0	0	0
12/18/2023 18:40	41801 GOCI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/18/2023 18:40	57401 SPAN_T1	2	2	0	0.25	0.3	0.05	0	0	0	0	0	0	0	0
12/18/2023 18:40	48901 FOSP_T2	0	0	0	0	0	0	-0.38	-0.38	1	1	0	600	600	0
12/18/2023 18:40	40101 HUNT_T2	45	207	162	0.45	0.56	0.11	-1.12	-1.1	0	0	0	0	0	0
12/18/2023 18:40	16402 MOPO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/18/2023 18:40	25402 LAHA_T2	0	0	0	0	0	0	-0.69	-0.7	0	0	0	0	0	0
12/18/2023 18:41	57403 SPAN_T1	1	0	-1	0.2	0	-0.2	0.13	0.13	0	0	0	0	0	0
12/18/2023 18:41	16402 MOPO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/18/2023 18:41	16101 BING_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/18/2023 18:41	47403 PENS_T1	1	1	0	2.5	2.5	0	0	0	0	0	0	0	0	0
12/18/2023 18:41	67201 TEHI_T1	0	1	0	0	0	0	0.05	0.07	1	1	0	900	900	0
12/18/2023 18:41	52004 LING_T2	1	1	0	0.6	0.5	-0.1	0.27	0.25	0	0	0	0	0	0
12/18/2023 18:42	41602 CLEV_T1	0	1	1	0	0	0	0	0	0	0	0	0	0	0
12/18/2023 18:42	14403 SSLA_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/18/2023 18:42	63203 MGTN_T1	0	0	0	0	0	0	-0.77	-0.83	2	2	0	1200	1200	0
12/18/2023 18:42	45501 DERR_T2	1	2	1	0.5	1.1	0.6	0.62	0.67	2	2	0	1800	1800	0
12/18/2023 18:42	64101 REFR_T1	0	0	0	0	0	0	0	0.02	0	0	0	0	0	0
12/18/2023 18:42	67502 WEWI_T2	0	0	0	0	0	0	-2.6	-2.61	2	2	0	1800	1800	0
12/18/2023 18:42	40101 HUNT_T2	45	207	162	0.45	0.56	0.11	-0.56	-0.55	0	0	0	0	0	0
12/18/2023 18:43	52502 PROG_T2	0	0	0	0	0	0	-0.49	-0.53	1	1	0	900	900	0
12/18/2023 18:43	43402 BENT_T1	1	0	-1	0.8	0	-0.8	-1.55	-1.53	2	2	0	1500	1500	0
12/18/2023 18:43	60201 ATGL_T2	0	0	0	0	0	0	0.41	0.4	0	0	0	0	0	0
12/18/2023 18:43	57401 SPAN_T1	2	2	0	0.25	0.3	0.05	-0.64	-0.53	1	1	0	600	600	0
12/18/2023 18:43	16302 ALPA_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/18/2023 18:43	67502 WEWI_T2	0	0	0	0	0	0	-1.3	-1.31	1	1	0	900	900	0
12/18/2023 18:43	60101 COCA_T1	0	0	0	0	0	0	0.37	0.35	0	0	0	0	0	0
12/18/2023 18:43	63404 HONY_T1	2	2	0	5.9	6.25	0.35	0	0	0	0	0	0	0	0
12/18/2023 18:43	12401 MILF_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/18/2023 18:43	12701 MACU_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/18/2023 18:43	61801 EELI_T2	0	0	0	0	0	0	-0.93	-0.94	1	1	0	600	600	0
12/18/2023 18:43	62604 ENGL_T1	0	0	0	0	0	0	-0.46	-0.44	1	1	0	600	600	0
12/18/2023 18:43	64101 REFR_T1	0	0	0	0	0	0	0	0.02	0	0	0	0	0	0
12/18/2023 18:43	60801 BUCK_T1	0	0	0	0	0	0	-0.15	-0.14	0	0	0	0	0	0
12/18/2023 18:43	14403 SSLA_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/18/2023 18:43	67103 SPRI_T1	0	0	0	0	0	0	-0.08	-0.1	0	0	0	0	0	0
12/18/2023 18:44	40501 CRES_T2	2	2	0	0.15	0.1	-0.05	0	0	0	0	0	0	0	0
12/18/2023 18:44	40101 HUNT_T2	45	207	162	0.45	0.56	0.11	-0.56	-0.55	0	0	0	0	0	0
12/18/2023 18:44	64801 MONE_T2	0	0	0	0	0	0	0.42	0.42	0	0	0	0	0	0
12/18/2023 18:44	42201 SHEN_T2	0	0	0	0	0	0	-0.15	-0.15	1	1	0	600	600	0
12/18/2023 18:44	64101 REFR_T1	0	0	0	0	0	0	0	0.06	0	0	0	0	0	0
12/18/2023 18:44	52501 PROG_T1	0	0	0	0	0	0	0.3	0.29	1	1	0	300	300	0
12/18/2023 18:44	53501 EVIL_T2	6	6	0	0.18	0.27	0.09	-1.01	-1.01	1	1	0	600	600	0
12/18/2023 18:44	47401 PENS_T1	0	0	0	0	0	0	-0.42	-0.46	0	0	0	0	0	0
12/18/2023 18:44	65001 NEFF_T2	0	0	0	0	0	0	-0.78	-0.8	1	1	0	1200	1200	0
12/18/2023 18:44	60803 BUCK_T1	0	0	0	0	0	0	-0.72	-0.74	1	1	0	600	600	0
12/18/2023 18:44	56802 BENV_T2	1	1	0	0.3	0.1	-0.2	-1.3	-1.25	0	0	0	0	0	0
12/18/2023 18:44	67502 WEWI_T2	0	0	0	0	0	0	-1.3	-1.31	1	1	0	900	900	0
12/18/2023 18:44	16302 ALPA_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/18/2023 18:44	52502 PROG_T2	0	0	0	0	0	0	-0.49	-0.53	1	1	0	900	900	0
12/18/2023 18:45	45502 DERR_T2	0	1	1	0	0	0	0	0	0	0	0	0	0	0
12/18/2023 18:45	16302 ALPA_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/18/2023 18:45	44201 POIN_T1	0	0	0	0	0	0	-1.45	-1.46	1	1	0	900	900	0
12/18/2023 18:45	56802 BENV_T2	1	2	1	0.1	0.25	0.15	-1.3	-1.25	0	0	0	0	0	0
12/18/2023 18:46	40501 CRES_T2	0	3	3	0	0.17	0.17	0	0	0	0	0	0	0	0
12/18/2023 18:46	66702 STRA_T1	0	0	0	0	0	0	0.28	0.22	3	3	0	2700	2700	0
12/18/2023 18:46	55001 NEWP_T1	1	0	-1	0.1	0	-0.1	0	0	0	0	0	0	0	0
12/18/2023 18:46	65901 SAAR_T2	1	1	0	8.8	9.5	0.7	0	0	0	0	0	0	0	0
12/18/2023 18:46	44601 SALE_T2	0	0	0	0	0	0	0	0.02	0	0	0	0	0	0
12/18/2023 18:46	20403 ASHF_T2	0	0	0	0	0	0	0.5	0.48	0	0	0	0	0	0
12/18/2023 18:46	67502 WEWI_T2	0	0	0	0	0	0	-1.3	-1.31	1	1	0	900	900	0
12/18/2023 18:46	56802 BENV_T2	1	2	1	0.1	0.25	0.15	-1.3	-1.25	0	0	0	0	0	0
12/18/2023 18:46	64101 REFR_T1	0	0	0	0	0	0	0	0.02	0	0	0	0	0	0
12/18/2023 18:46	62606 ENGL_T1	0	1	1	0	0	0	0	0	0	0	0	0	0	0
12/18/2023 18:47	13302 ORVI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/18/2023 18:47	17804 GILB_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/18/2023 18:47	67401 WAKE_T2	0	0	0	0	0	0	-1.13	-1.15	0	0	0	0	0	0
12/18/2023 18:47	46004 BERW_T2	0	0	0	0	0	0	-0.52	-0.52	0	0	0	0	0	0
12/18/2023 18:47	46903 MNTG_T2	65	9	-56	0.17	0.11	-0.06	0	-0.26	1	1	0	600	600	0
12/18/2023 18:47	67103 SPRI_T1	0	0	0	0	0	0	-0.08	-0.1	0	0	0	0	0	0
12/18/2023 18:48	64101 REFR_T1	0	0	0	0	0	0	0	0.02	0	0	0	0	0	0
12/18/2023 18:48	46001 BERW_T1	0	1	1	0	0	0	1.05	0.97	0	0	0	0	0	0
12/18/2023 18:48	41901 REED_T1	9	9	0	0.43	0.51	0.08	0	0	0	0	0	0	0	0
12/18/2023 18:48	40502 CRES_T2	7	7	0	0.23	0.43	0.2	-0.6	-0.65	0	0	0	0	0	0
12/18/2023 18:48	46903 MNTG_T2	65	9	-56	0.17	0.11	-0.06	0	-0.26	1	1	0	600	600	0
12/18/2023 18:48	40101 HUNT_T2	200	199	-1	0.69	0.57	-0.12	-1.12	-1.1	0	0	0	0	0	0
12/18/2023 18:48	42201 SHEN_T2	0	0	0	0	0	0	0	-0.15	1	1	0	600	600	0
12/18/2023 18:48	12701 MACU_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/18/2023 18:49	55001 NEWP_T1	1	0	-1	0.1	0	-0.1	0	0	0	0	0	0	0	0
12/18/2023 18:49	56802 BENV_T2	1	2	1	0.1	0.25	0.15	-2.6	-2.5	0	0	0	0	0	0
12/18/2023 18:49	43202 MVIL_T2	0	0	0	0	0	0	-0.67	-0.65	0	0	0	0	0	0
12/18/2023 18:49	56501 ROCK_T2	1	2	1	0.4	0.1	-0.3	-0.79	-0.81	0	0	0	0	0	0
12/18/2023 18:49	66702 STRA_T1	0	0	0	0	0	0	0.28	0.22	3	3	0	2700	2700	0
12/18/2023 18:49	64802 MONE_T2	0	0	0	0	0	0	-0.04	-0.03	0	0	0	0	0	0
12/18/2023 18:50	55101 WERT_T1	0	0	0	0	0	0	-1.86	-1.83	2	2	0	1500	1500	0
12/18/2023 18:50	57306 MOAL_T2	0	0	0	0	0	0	-3.12	-3.12	1	1	0	1200	1200	0
12/18/2023 18:50	59302 MCAL_T1	1	1	0	0.3	0.3	0	0	0	0	0	0	0	0	0
12/18/2023 18:50	45502 DERR_T2	0	1	1	0	0	0	0	0	0	0	0	0	0	0
12/18/2023 18:50	41801 GOCI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/18/2023 18:50	65003 NEFF_T2	76	3	-73	0.18	0.17	-0.01	0	0	0	0	0	0	0	0
12/18/2023 18:50	40502 CRES_T2	7	7	0	0.23	0.43	0.2	-3.01	-3.23	0	0	0	0	0	0
12/18/2023 18:50	59101 WALK_T2	1	1	0	0	0	0	2.33	2.1	2	2	0	900	900	0
12/18/2023 18:50	53601 DALM_T2	0	2	2	0	0.4	0.4	-0.12	-0.09	0	0	0	0	0	0
12/18/2023 18:50	56802 BENV_T2	1	2	1	0.1	0.25	0.15	-5.2	-5.01	0	0	0	0	0	0
12/18/2023 18:50	12401 MILF_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/18/2023 18:51	47402 PENS_T1	120	120	0	2.69	2.77	0.08	0	0	0	0	0	0	0	0
12/18/2023 18:51	42802 SELI_T1	0	0	0	0	0	0	-2.15	-2.14	1	1	0	900	900	0
12/18/2023 18:51	55001 NEWP_T1	1	0	-1	0.1	0	-0.1	0	0	0	0	0	0	0	0
12/18/2023 18:51	43202 MVIL_T2	0	0	0	0	0	0	-0.67	-0.65	0	0	0	0	0	0
12/18/2023 18:51	44301 BEAV_T2	0	1	1	0	0	0	-0.26	-0.28	2	2	0

Appendix C - Grid Benefits Achieved in Each Instance of Active Management

12/18/2023 18:55	55001 NEWP_T1	1	0	-1	0.1	0	-0.1	0	0	0	0	0	0	0
12/18/2023 18:55	12701 MACU_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
12/18/2023 18:55	59101 WALK_T2	1	1	0	0	0	0	2.1	2.1	2	2	0	900	900	0
12/18/2023 18:55	56802 BENV_T2	1	2	1	0.1	0.25	0.15	-1.25	-1.25	0	0	0	0	0	0
12/18/2023 18:55	55101 WERT_T1	0	0	0	0	0	0	-1.83	-1.82	2	2	0	1500	1500	0
12/18/2023 18:56	43304 WATS_T2	0	1	1	0	0	0	-0.44	-0.42	0	0	0	0	0	0
12/18/2023 18:56	46903 MNTG_T2	65	9	-56	0.17	0.11	-0.06	-0.26	-0.25	1	1	0	600	600	0
12/18/2023 18:56	43302 WATS_T2	3	4	1	0.17	0.48	0.31	0	0	0	0	0	0	0	0
12/18/2023 18:56	46903 MNTG_T2	65	9	-56	0.17	0.11	-0.06	-0.26	-0.25	1	1	0	600	600	0
12/18/2023 18:56	40501 CRES_T2	0	3	3	0	0.17	0.17	0	0	0	0	0	0	0	0
12/18/2023 18:56	42802 SELI_T1	0	0	0	0	0	0	-2.14	-2.19	1	1	0	900	900	0
12/18/2023 18:56	54701 NEBL_T1	0	0	0	0	0	0	0	0	1	1	0	600	600	0
12/18/2023 18:56	53903 HALI_T2	2	2	0	0.8	0.8	0	-0.24	-0.18	0	0	0	0	0	0
12/18/2023 18:56	44301 BEAV_T2	0	1	1	0	0	0	-0.14	-0.07	1	1	0	600	600	0
12/18/2023 18:56	20601 GRWO_T2	0	0	0	0	0	0	0.15	0.17	0	0	0	0	0	0
12/18/2023 18:56	56802 BENV_T2	1	2	1	0.1	0.25	0.15	-1.25	-1.25	0	0	0	0	0	0
12/18/2023 18:57	43304 WATS_T2	0	1	1	0	0	0	-0.88	-0.83	0	0	0	0	0	0
12/18/2023 18:57	46903 MNTG_T2	65	9	-56	0.17	0.11	-0.06	-0.52	-0.5	2	2	0	1200	1200	0
12/18/2023 18:57	54502 ENOL_T2	0	0	0	0	0	0	-1.83	-1.95	1	1	0	600	600	0
12/18/2023 18:57	54701 NEBL_T1	0	0	0	0	0	0	0	0	1	1	0	600	600	0
12/18/2023 18:57	56802 BENV_T2	1	2	1	0.1	0.25	0.15	-1.25	-1.25	0	0	0	0	0	0
12/18/2023 18:57	55101 WERT_T1	0	0	0	0	0	0	-3.65	-3.65	4	4	0	3000	3000	0
12/18/2023 18:58	43304 WATS_T2	0	1	1	0	0	0	-0.44	-0.42	0	0	0	0	0	0
12/18/2023 18:58	56504 ROCK_T2	0	0	0	0	0	0	-0.33	-0.24	0	0	0	0	0	0
12/18/2023 18:58	56802 BENV_T2	1	2	1	0.1	0.25	0.15	-1.25	-1.25	0	0	0	0	0	0
12/18/2023 18:58	53901 HALI_T2	1	33	32	0.4	0.14	-0.26	0	0	0	0	0	0	0	0
12/18/2023 18:58	58402 MORO_T1	2	1	-1	0.35	0	-0.35	-0.21	-0.27	3	3	0	1800	1800	0
12/18/2023 18:59	43304 WATS_T2	0	1	1	0	0	0	-0.44	-0.42	0	0	0	0	0	0
12/18/2023 18:59	57403 SPAN_T1	0	0	0	0	0	0	0.13	0.17	0	0	0	0	0	0
12/18/2023 18:59	55105 WERT_T1	0	0	0	0	0	0	-0.46	-0.48	1	1	0	900	900	0
12/18/2023 18:59	56801 BENV_T1	7	16	9	0.76	0.41	-0.35	-0.63	-0.59	1	1	0	600	600	0
12/18/2023 19:00	52101 MEIS_T1	1	1	0	0.4	0.7	0.3	0	0	0	0	0	0	0	0
12/18/2023 19:00	56802 BENV_T2	0	2	2	0	0.25	0.25	-1.25	-1.25	0	0	0	0	0	0
12/18/2023 19:00	53501 EVIL_T2	6	9	3	0.25	0.59	0.34	-1.01	-0.97	1	1	0	600	600	0
12/18/2023 19:00	40101 HUNT_T2	197	221	24	0.59	0.58	-0.01	-0.55	-0.49	0	0	0	0	0	0
12/18/2023 19:01	59101 WALK_T2	1	1	0	0	0	0	1.05	1.15	1	1	0	450	450	0
12/18/2023 19:01	55101 WERT_T1	0	0	0	0	0	0	-1.83	-1.82	2	2	0	1500	1500	0
12/18/2023 19:02	53901 HALI_T2	0	34	34	0	0.14	0.14	0	0	0	0	0	0	0	0
12/18/2023 19:03	52102 MEIS_T1	23	42	19	0.2	0.2	0	0	0	1	1	0	450	450	0
12/18/2023 19:05	55101 WERT_T1	0	0	0	0	0	0	-1.83	-1.82	2	2	0	1500	1500	0
12/18/2023 19:06	47401 PENS_T1	0	8	8	0	0.11	0.11	-0.46	-0.4	0	0	0	0	0	0
12/18/2023 19:08	47401 PENS_T1	0	8	8	0	0.11	0.11	-0.4	-0.45	0	0	0	0	0	0
12/18/2023 19:11	65003 NEFF_T2	3	0	-3	0.17	0	-0.17	0	0	0	0	0	0	0	0
12/18/2023 19:24	43402 BENT_T1	2	1	-1	0.25	0.1	-0.15	-1.51	-1.53	2	2	0	1500	1500	0
12/18/2023 19:24	10805 CHHI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/18/2023 19:25	49804 UNIV_T1	0	0	0	0	0	0	0.56	0.53	0	0	0	0	0	0
12/18/2023 19:29	56802 BENV_T2	2	2	0	0.25	0.2	-0.05	-1.29	-1.27	0	0	0	0	0	0
12/18/2023 19:31	57401 SPAN_T1	2	2	0	0.4	0.55	0.15	-0.65	-0.63	1	1	0	600	600	0
12/18/2023 19:40	20403 ASHE_T2	0	0	0	0	0	0	0.48	0.47	0	0	0	0	0	0
12/18/2023 19:44	67502 WEWI_T2	0	0	0	0	0	0	-1.32	-1.28	1	1	0	900	900	0
12/18/2023 19:48	65001 NEFF_T2	0	0	0	0	0	0	-0.82	-0.86	1	1	0	1200	1200	0
12/18/2023 19:58	40501 CRES_T2	2	2	0	0.1	0.15	0.05	0	0	0	0	0	0	0	0
12/18/2023 21:23	65001 NEFF_T2	0	0	0	0	0	0	-0.93	-0.92	1	1	0	1200	1200	0
12/18/2023 21:44	65001 NEFF_T2	0	13	13	0	0.12	0.12	-0.95	-0.9	1	1	0	1200	1200	0
12/18/2023 22:05	67503 WEWI_T2	0	0	0	0	0	0	-0.17	-0.19	0	0	0	0	0	0
12/18/2023 23:37	65001 NEFF_T2	0	0	0	0	0	0	-1.17	-1.29	1	1	0	1200	1200	0
12/18/2023 23:48	65001 NEFF_T2	0	0	0	0	0	0	-1.29	-1.28	1	1	0	1200	1200	0
12/19/2023 0:37	65001 NEFF_T2	0	0	0	0	0	0	-1.28	-1.2	1	1	0	1200	1200	0
12/19/2023 1:07	57403 SPAN_T1	0	0	0	0	0	0	0.12	0.12	0	0	0	0	0	0
12/19/2023 1:08	65001 NEFF_T2	0	0	0	0	0	0	-1.27	-1.25	1	1	0	1200	1200	0
12/19/2023 2:28	65001 NEFF_T2	0	0	0	0	0	0	-1.29	-1.22	1	1	0	1200	1200	0
12/19/2023 5:52	65001 NEFF_T2	0	0	0	0	0	0	-0.96	-0.94	1	1	0	1200	1200	0
12/19/2023 7:00	65001 NEFF_T2	0	0	0	0	0	0	-0.58	-0.71	1	1	0	1200	1200	0
12/19/2023 7:32	65001 NEFF_T2	0	0	0	0	0	0	-0.66	-0.7	1	1	0	1200	1200	0
12/19/2023 7:48	65001 NEFF_T2	0	0	0	0	0	0	-0.7	-0.59	1	1	0	1200	1200	0
12/19/2023 7:54	45502 DERR_T2	1	0	-1	0.7	0	-0.7	0	0	0	0	0	0	0	0
12/19/2023 7:57	43402 BENT_T1	0	5	5	0	0.25	0.25	-1.35	-1.35	2	2	0	1500	1500	0
12/19/2023 8:00	43402 BENT_T1	2	6	4	0.35	0.48	0.13	-1.35	-1.35	2	2	0	1500	1500	0
12/19/2023 8:02	54701 NEBL_T1	0	0	0	0	0	0	0	0	1	1	0	600	600	0
12/19/2023 8:05	54701 NEBL_T1	0	0	0	0	0	0	0	0	1	1	0	600	600	0
12/19/2023 8:08	45502 DERR_T2	0	4	4	0	0	0	0	0	0	0	0	0	0	0
12/19/2023 8:14	43402 BENT_T1	2	6	4	0.35	0.48	0.13	-1.35	-1.31	2	2	0	1500	1500	0
12/19/2023 8:18	25402 LAHA_T2	0	0	0	0	0	0	-0.44	-0.42	0	0	0	0	0	0
12/19/2023 8:18	54701 NEBL_T1	0	2	2	0	0.1	0.1	0	0	1	1	0	600	600	0
12/19/2023 8:19	67103 SPRI_T1	0	0	0	0	0	0	-0.01	-0.01	0	0	0	0	0	0
12/19/2023 8:22	67103 SPRI_T1	0	0	0	0	0	0	-0.01	-0.01	0	0	0	0	0	0
12/19/2023 8:22	49803 UNIV_T1	5	1	-4	0.12	0	-0.12	-1.08	-1	0	0	0	0	0	0
12/19/2023 8:28	65001 NEFF_T2	0	0	0	0	0	0	-0.51	-0.44	1	1	0	1200	1200	0
12/19/2023 8:30	63601 LETO_T1	0	0	0	0	0	0	1.22	1.2	1	1	0	900	900	0
12/19/2023 8:32	55002 NEWP_T1	6	5	-1	1	0.88	-0.12	-0.18	-0.19	0	0	0	0	0	0
12/19/2023 8:37	13901 SEID_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/19/2023 8:43	53601 DALM_T2	1	1	0	0.2	0.9	0.7	-0.51	-0.49	1	1	0	900	900	0
12/19/2023 8:51	65003 NEFF_T2	0	5	5	0	0	0	0	0	0	0	0	0	0	0
12/19/2023 8:56	40101 HUNT_T2	151	105	-46	0.66	0.56	-0.1	-0.31	-0.29	0	0	0	0	0	0
12/19/2023 8:58	40101 HUNT_T2	151	105	-46	0.66	0.56	-0.1	-0.31	-0.29	0	0	0	0	0	0
12/19/2023 9:00	47402 PENS_T1	118	118	0	1.77	2.23	0.46	0	0	0	0	0	0	0	0
12/19/2023 9:00	58402 MORO_T1	0	0	0	0	0	0	-0.92	-0.92	3	3	0	2400	2400	0
12/19/2023 9:00	41903 REED_T1	1	0	-1	2.8	0	-2.8	0	0	0	0	0	0	0	0
12/19/2023 9:00	67503 WEWI_T2	0	0	0	0	0	0	-0.15	-0.09	0	0	0	0	0	0
12/19/2023 9:00	46004 BERW_T2	0	0	0	0	0	0	-0.42	-0.27	0	0	0	0	0	0
12/19/2023 9:00	23401 HONE_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/19/2023 9:00	27502 WEIS_T2	0	0	0	0	0	0	-0.35	-0.36	0	0	0	0	0	0
12/19/2023 9:00	54001 SDLE_T1	1	2	1	0.6	0.6	0	0	0	0	0	0	0	0	0
12/19/2023 9:00	53903 HALI_T2	2	2	0	0.8	1	0.2	-0.22	-0.23	0	0	0	0	0	0
12/19/2023 9:00	14403 SSLA_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/19/2023 9:00	52102 MEIS_T1	0	0	0	0	0	0	0	0	1	1	0	450	450	0
12/19/2023 9:00	43001 ALWD_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/19/2023 9:00	43304 WATS_T2	1	1	0	1.6	0	-1.6	-0.68	-0.62	0	0	0	0	0	0
12/19/2023 9:00	59102 WALK_T2	0	0	0	0	0	0	-0.13	-0.26	1	1	0	600	600	0
12/19/2023 9:00	40101 HUNT_T2	66	104	38	0.57	0.59	0.02	-0.31	-0.29	0	0	0	0	0	0
12/19/2023 9:00	56802 BENV_T2	1	10	9	0.8	0.35	-0.45	-1.22	-1.22	0	0	0	0	0	0
12/19/2023 9:05	57104 SPHI_T2	0	1	1	0	2.1	2.1	0	0	0	0	0	0	0	0
12/19/2023 9:07	57103 SPHI_T2	0	0	0	0	0	0	-0.85	-0.26	1	1	0	600	600	0
12/19/2023 9:08	57403 SPAN_T1	0	3	3	0	0.13	0.13	0.18	0.16	0	0	0	0	0	0
12/19/2023 9:08	45501 DERR_T2	0	1	1	0	0	0	1.02	0.98	4	4	0	3600	3600	0
12/19/2023 9:08	57106 SPHI_T2	3	3	0	1.7	1.87	0.17	0	0	0	0	0	0	0	0
12/19/2023 9:08	43304 WATS_T2	1	1	0	1.6	0	-1.6	-0.21	-0.22	0	0	0	0	0	0
12/19/2023 9:13	43402 BENT_T1	6	5	-1	0.57	0	-0.57	-1.32	-1.33	2	2	0	1500	1500	0
12/19/2023 9:13	53903 HALI_T2	2	2	0	0.8	1	0.2	-0.45	-0.45	0	0	0	0	0	0
12/19/2023 9:15	46903 MNTG_T2	0	0	0	0	0	0	0.05	0.23	1	1	0	600	600	0
12/19/2023 9:15	52102 MEIS_T1	0	0	0	0	0	0	0	0	1	1	0	450	450	0
12/19/2023 9:16	46901 MNTG_T2	0	0	0	0	0	0	1.9	1.95	0	0	0	0	0	0
12/19/2023 9:16	46903 MNTG_T2	0	0	0	0	0	0	0.11	0.47	2	2	0	1200	1200	0
12/19/2023 9:16	43402 BENT_T1	5	3	-2	1.16	0	-1.16	-1.32	-1.33	2	2	0	1500	1500	0
12/19/2023 9:16	54701 NEBL_T1	0	2	2	0	0.2	0.2	0	0	1	1	0	600	600	0
12/19/2023 9:18	13302 ORVI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/19/2023 9:18	48302 ORWI_T2	2	2	0	1.35	1.05	-0.3	0.23	0.19	0	0	0	0	0	0
12/19/2023 9:19	55002 NEWP_T1	5	5	0	0.68	0.9	0.22	-0.34	-0.34	0	0	0	0	0	0
12/19/2023 9:19	46903 MNTG_T2	0	0	0	0	0	0	0.11	0.47	2	2	0	1200	1200	0
12/19/2023 9:20	49803 UNIV_T1	0	0	0	0	0	0	-1.06	-0.99	0	0	0	0	0	0
12/19/2023 9:20	55002 NEWP_T1	5	5	0	0.68	0.9	0.22	-0.34	-0.34	0	0	0	0	0	0
12/19/2023 9:21	55002 NEWP_T1	5	5	0	0.68	0.9	0.22	-0.17	-0.17	0	0	0	0	0	0
12/19/2023 9:24	67204 TEHI_T2	0	0	0	0	0	0	0.01	0.01	0	0	0	0	0	0
12/19/2023 9:24	29402 BELT_T1	1	1	0	6.1	6.2	0.1	0	0	0	0	0	0	0	0
12/19/2023 9:24	56802 BENV_T2	5	13	8	0.4	0.35	-0.05	-5.04	-5.07	0	0	0	0	0	0
12/19/2023 9:25	56802 BENV_T2	5	13	8	0.4	0.35	-0.05	-1.26	-1.27	0	0	0	0	0	0
12/19/2023 9:25	67204 TEHI_T2	0	0	0	0	0	0	0.01	0.01	0	0	0	0	0	0
12/19/2023 9:28	56802 BENV_T2	5	13	8	0.4	0.35	-0.05	-1.26	-1.27	0	0	0	0	0	0
12/19/2023 9:32	63601 LETO_T1	0	0	0	0	0	0	1.31	1.46	1	1	0	900	900	0
12/19/2023 9:33	63601 LETO_T1	0	0	0	0	0	0	1.31	1.46	1	1	0	900	900	0
12/19/2023 9:34	67103 SPRI_T1	0	0	0	0	0	0	-0.04	-0.09	0	0	0	0	0	0
12/19/2023 9:35	47403 PENS_T1	1	1	0	1	0.5	-0.5	0	0	0	0	0	0	0	0
12/19/2023 9:35	67103 SPRI_T1	0	0	0	0	0	0	-0.04	-0.09	0	0	0	0	0	0
12/19/2023 9:36	41901 REED_T1	9	10	1	0.42	0.43	0.01	0	0	0	0	0	0	0	0
12/19/2023 9:36	43304 WATS_T2	0	1	1	0	0	0	-0.22	-0.19	0	0	0	0	0	0
12/19/2023 9:37	14403 SSLA_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/19/2023 9:38	41902 REED_T1	1	0	-1	0.2	0	-0.2	0.37	0.31	1	1	0	900	900	0
12/19/2023 9:40	56802 BENV_T2	9	14	5	0.38	0.33	-0.05	-1.27	-1.22	0	0	0	0	0	0
12/19/2023 9:42	56802 BENV_T2	9	14	5	0.38	0.33	-0.05	-2.53	-2.43	0	0	0	0	0	0
12/19/2023 9:42	41801 GOCI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/19/2023 9:44	41801 GOCI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/19/2023 9:45	46901 MNTG_T2	0	0	0	0	0	0	1.87	1.8	0	0	0	0	0	0
12/19/2023 9:46	40101 HUNT_T2	87	170	83	0.49	0.54	0.05	-0.18	-0.12	0	0	0	0	0	0
12/19/2023 9:47	67502 WEWI_T2	0	1	1	0	0.9	0.9	-1.08	-1.14	1	1	0	900	900	0
12/19/2023 9:48	46302 ROHR_T1	3	4	1	0.6	0.6	0	-0.38	-0.42	0	0	0	0	0	0
12/19/2023 9:49	56501 ROCK_T2	1	1	0	0.4	0.1	-0.3	-1.48	-0.87	0	0	0	0	0	0
12/19/2023 9:51	43304 WATS_T2	0	2	2	0	0	0	-0.19	-0.19	0	0	0	0	0	0
12/19/2023 9:52	59101 WALK_T2	1	1	0	0	0	0	3.22	3.78	0	0	0	0	0	0
12/19/2023 9:53	46302 ROHR_T1	3	4	1	0.6	0.6	0	-0.42	-0.39	0	0	0	0	0	0
12/19/2023 9:54	29402 BELT_T1	1	1	0	6.2	6.7	0.5	0	0	0	0	0	0	0	0
12/19/2023 9:55	67402 WAKE_T2	0	0	0	0	0	0	0.48	0.51	1	1	0	600	600	0
12/19/2023 9:55	59101 WALK_T2	1	1	0	0	0	0	1.89	2.1	0	0	0	0	0	0
12/19/2023 9:55	56802 BENV_T2	13	7	-6	0.34	0.34	0	-1.22	-1.19	0	0	0	0	0	0
12/19/2023 9:56	54502 ENOL_T2	1	1	0	0.3	0.5	0.2	0	0	0	0	0	0	0	0
12/19/2023 9:57	56802 BENV_T2	13	7	-6	0.34	0.34	0	-1.22	-1.19	0	0	0	0	0	0
12/19/2023 9:58	43201 MVIL_T2	0	0	0	0	0	0	-1.26	-1.29	0	0	0	0	0	0
12/19/2023 9:59	63401 HONY_T1	0	0	0	0	0	0	1.15	1.05	0	0	0	0	0	0
12/19/2023 10:02	47402 PENS_T1	113	119	6	1.43	1.88	0.45	0	0	0	0	0	0	0	0
12/19/2023 10:02	55002 NEWP_T1	6	6	0	0.67	0.8	0.13	-0.34	-0.38	0	0	0	0	0	0
12/19/2023 10:03	13302 ORVI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/19/2023 10:03	14403 SSLA_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/19/2023 10:03	55002 NEWP_T1	6	6	0	0.67	0.8	0.13	-0.17	-0.19	0	0	0	0	0	0
12/19/2023 10:04	64101 REFR_T1	0	0	0	0	0	0	-0.06	-0.12	0	0	0	0	0	0
12/19/2023 10:04	54001 SDLE_T1	4	2	-2	0.45	0.6	0.15	0	0	0	0	0	0	0	0
12/19/2023 10:06	49803 UNIV_T1	0	0	0	0	0	0	-1.01	-0.98	0	0	0	0	0	0
12/19/2023 10:06	54001 SDLE_T1	4	2	-2	0.45	0.6	0.15	0	0	0	0	0	0	0	0
12/19/2023 10:06	57403 SPAN_T1	7	2	-5	0.2	0.1	-0.1	0	0	0	0	0	0	0	0
12/19/2023 10:06	64101 REFR_T1	0	0	0	0	0	0	-0.06	-0.12	0	0	0	0	0	0
12/19/2023 10:06	67204 TEHI_T2	1	0	-1	0.1	0	-0.1	0	0.01	0	0	0	0	0	0
12/19/2023 10:07	57401 SPAN_T1	179	136	-43	0.4	0.35	-0.05	-1	-1	1	1	0	600	600	0
12/19/2023 10:07	57403 SPAN_T1	7	2	-5	0.2	0.1	-0.1	0.17	0.16	0	0	0	0	0	0
12/19/2023 10:07	59101 WALK_T2	1	1	0	0	0	0	1.89	2.1	0	1	1	0	600	600
12/19/2023 10:07	64101 REFR_T1	0	0	0	0	0	0	-0.12	-0.24	0	0	0	0	0	0
12/19/2023 10:08	64101 REFR_T1	0	0	0	0	0	0	-0.12	-0.24	0	0	0	0	0	0
12/19/2023 10:08	59101 WALK_T2	1	1	0	0	0	0	1.89	2.1	0	1	1	0	600	600
12/19/2023 10:09	54001 SDLE_T1	4	2	-2	0.45	0.6	0.15	0	0	0	0	0	0	0	0
12/19/2023 10:09	64101 REFR_T1	0	0	0	0	0	0	-0.24	-0.13	0	0	0	0	0	0
12/19/2023 10:09	67203 TEHI_T1	8	15	7	0.2	0.39	0.19	2.77	2.88	2	2	0	1200	1200	0
12/19/2023 10:09	57401 SPAN_T1

12/19/2023 10:35	16302 ALPA_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
12/19/2023 10:35	14403 SSLA_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
12/19/2023 10:36	65004 NEFF_T2	0	1	1	0	0	0	0	0	0	0	0	0	0
12/19/2023 10:36	14801 TREI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
12/19/2023 10:37	16302 ALPA_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
12/19/2023 10:38	20401 ASHF_T2	0	1	1	0	0	0	0	0	0	0	0	0	0
12/19/2023 10:38	16402 MOPO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
12/19/2023 10:38	10801 CHHI_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
12/19/2023 10:38	45402 WBLO_T2	0	1	1	0	0.5	0.5	-0.51	-0.51	0	0	0	0	0
12/19/2023 10:41	65001 NEFF_T2	0	0	0	0	0	0	-0.46	-0.19	1	1	0	1200	1200	0
12/19/2023 10:41	44301 BEAV_T2	1	0	-1	0.1	0	-0.1	0.91	0.8	1	1	0	600	600	0
12/19/2023 10:42	17802 GILB_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/19/2023 10:50	43304 WATS_T2	0	1	1	0	0	0	-0.14	-0.2	0	0	0	0	0	0
12/19/2023 10:50	28403 HART_T2	0	0	0	0	0	0	-0.82	-0.84	1	1	0	900	900	0
12/19/2023 10:52	43304 WATS_T2	0	1	-1	0	0	0	-0.14	-0.2	0	0	0	0	0	0
12/19/2023 10:52	67502 WEWI_T2	1	1	0	0.6	1.2	0.6	0	0	0	0	0	0	0	0
12/19/2023 10:52	27502 WEIS_T2	0	0	0	0	0	0	-0.37	-0.31	0	0	0	0	0	0
12/19/2023 10:52	29401 BELT_T1	43	16	-27	0.2	0.16	-0.04	0	0	2	2	0	1800	1800	0
12/19/2023 10:52	59101 WALK_T2	8	1	-7	0.17	0	-0.17	1.52	1.56	1	1	0	600	600	0
12/19/2023 10:54	45501 DERR_T2	0	1	1	0	0	0	0.63	0.59	2	2	0	1800	1800	0
12/19/2023 10:54	43301 WATS_T2	0	0	0	0	0	0	-0.62	-0.63	1	1	0	900	900	0
12/19/2023 10:54	49803 UNIV_T1	0	0	0	0	0	0	-0.95	-0.94	0	0	0	0	0	0
12/19/2023 10:54	42701 AUGU_T1	1	1	0	0.5	0.4	-0.1	0	0	1	1	0	600	600	0
12/19/2023 10:55	67502 WEWI_T2	1	1	0	0.6	1.2	0.6	-3.33	-3.08	3	3	0	2700	2700	0
12/19/2023 10:55	43304 WATS_T2	0	1	-1	0	0	0	0	0	0	0	0	0	0	0
12/19/2023 10:55	42701 AUGU_T1	1	1	0	0.5	0.4	-0.1	0	0	1	1	0	600	600	0
12/19/2023 10:56	43301 WATS_T2	0	0	0	0	0	0	-0.62	-0.63	1	1	0	900	900	0
12/19/2023 10:56	29402 BELT_T1	1	2	1	7.1	6.8	-0.3	0	0	0	0	0	0	0	0
12/19/2023 10:57	43304 WATS_T2	0	1	1	0	0	0	-0.2	-0.15	0	0	0	0	0	0
12/19/2023 10:57	61101 BERK_T5	0	1	1	0	0	0	0	0	0	0	0	0	0	0
12/19/2023 10:57	17804 GILB_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/19/2023 10:57	65001 NEFF_T2	0	0	0	0	0	0	-0.19	-0.36	1	1	0	1200	1200	0
12/19/2023 10:58	60201 ATGL_T2	0	0	0	0	0	0	0.35	0.43	1	1	0	300	300	0
12/19/2023 10:58	40101 HUNT_T2	151	218	67	0.52	0.43	-0.09	-0.06	-0.24	0	0	0	0	0	0
12/19/2023 11:00	46801 HEPB_T2	0	0	0	0	0	0	0.66	0.68	0	0	0	0	0	0
12/19/2023 11:00	17802 GILB_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/19/2023 11:02	67103 SPRI_T1	0	0	0	0	0	0	0	-0.04	0	0	0	0	0	0
12/19/2023 11:02	40101 HUNT_T2	217	52	-165	0.7	0.44	-0.26	-0.06	-0.24	0	0	0	0	0	0
12/19/2023 11:02	13302 ORVI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/19/2023 11:03	67502 WEWI_T2	1	0	-1	1.2	0	-1.2	0	0	0	0	0	0	0	0
12/19/2023 11:04	46903 MNTG_T2	0	0	0	0	0	0	0.29	0.3	1	1	0	600	600	0
12/19/2023 11:05	67502 WEWI_T2	1	0	-1	1.2	0	-1.2	0	0	0	0	0	0	0	0
12/19/2023 11:06	57403 SPAN_T1	0	0	0	0	0	0	0.2	0.15	0	0	0	0	0	0
12/19/2023 11:06	13302 ORVI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/19/2023 11:07	56802 BENV_T2	2	1	-1	0.6	1.3	0.7	-1.22	-1.18	0	0	0	0	0	0
12/19/2023 11:08	60803 BUCK_T1	0	0	0	0	0	0	-1.42	-0.74	1	1	0	600	600	0
12/19/2023 11:08	59101 WALK_T2	1	1	0	0	0	0	1.56	1.66	1	1	0	600	600	0
12/19/2023 11:08	57401 SPAN_T1	89	23	-66	0.25	0.25	0	0	0	0	0	0	0	0	0
12/19/2023 11:09	43001 ALWD_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/19/2023 11:10	45502 DERR_T2	0	2	2	0	0.4	0.4	0	0	0	0	0	0	0	0
12/19/2023 11:10	48901 FOSP_T2	0	0	0	0	0	0	0.11	0.04	1	1	0	600	600	0
12/19/2023 11:10	40101 HUNT_T2	217	52	-165	0.7	0.44	-0.26	-0.24	-0.48	0	0	0	0	0	0
12/19/2023 11:11	60803 BUCK_T1	0	0	0	0	0	0	-0.74	-1.4	1	1	0	600	600	0
12/19/2023 11:11	56801 BENV_T1	21	23	2	0.54	0.89	0.35	-0.61	-0.63	1	1	0	600	600	0
12/19/2023 11:12	67103 SPRI_T1	0	0	0	0	0	0	-0.04	-0.04	0	0	0	0	0	0
12/19/2023 11:12	56802 BENV_T2	2	1	-1	0.6	1.3	0.7	-2.36	-2.47	0	0	0	0	0	0
12/19/2023 11:12	48901 FOSP_T2	0	0	0	0	0	0	0.21	0.07	2	2	0	1200	1200	0
12/19/2023 11:12	56801 BENV_T1	21	23	2	0.54	0.89	0.35	-0.61	-0.63	1	1	0	600	600	0
12/19/2023 11:13	44601 SALE_T2	0	0	0	0	0	0	0.81	0.85	1	1	0	600	600	0
12/19/2023 11:13	60803 BUCK_T1	0	0	0	0	0	0	-0.74	-1.4	1	1	0	600	600	0
12/19/2023 11:14	40101 HUNT_T2	217	52	-165	0.7	0.44	-0.26	-0.24	-0.48	0	0	0	0	0	0
12/19/2023 11:16	48901 FOSP_T2	0	0	0	0	0	0	0.11	0.04	1	1	0	600	600	0
12/19/2023 11:16	40101 HUNT_T2	51	18	-33	0.43	0.53	0.1	-0.48	-0.95	0	0	0	0	0	0
12/19/2023 11:18	13302 ORVI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/19/2023 11:18	65001 NEFF_T2	0	0	0	0	0	0	-0.36	-0.21	1	1	0	1200	1200	0
12/19/2023 11:19	55002 NEWP_T1	6	7	1	0.65	0.57	-0.08	-0.2	-0.17	0	0	0	0	0	0
12/19/2023 11:20	13302 ORVI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/19/2023 11:20	66702 STRA_T1	0	0	0	0	0	0	-0.1	-0.03	3	3	0	2700	2700	0
12/19/2023 11:22	59101 WALK_T2	1	1	0	0	0	0	1.66	1.4	1	0	-1	600	0	-600
12/19/2023 11:23	10805 CHHI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/19/2023 11:24	59101 WALK_T2	1	1	0	0	0	0	1.4	1.72	1	0	-1	600	0	-600
12/19/2023 11:25	45502 DERR_T2	1	2	1	0.4	0.2	-0.2	0	0	0	0	0	0	0	0
12/19/2023 11:26	45502 DERR_T2	1	2	1	0.4	0.2	-0.2	0	0	0	0	0	0	0	0
12/19/2023 11:26	62604 ENGL_T1	0	0	0	0	0	0	-0.45	-0.41	1	1	0	600	600	0
12/19/2023 11:27	11104 EGYP_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/19/2023 11:27	10801 CHHI_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/19/2023 11:28	45802 HEGI_T2	0	0	0	0	0	0	0.1	0.1	1	1	0	900	900	0
12/19/2023 11:31	46901 MNTG_T2	0	0	0	0	0	0	2.03	1.9	0	0	0	0	0	0
12/19/2023 11:31	46901 MNTG_T2	0	0	0	0	0	0	2.03	1.9	0	0	0	0	0	0
12/19/2023 11:32	46903 MNTG_T2	0	86	86	0	0.23	0.23	0	0	0	0	0	0	0	0
12/19/2023 11:32	47402 PENS_T1	119	119	0	2.27	1.96	-0.31	0	0	0	0	0	0	0	0
12/19/2023 11:33	47401 PENS_T1	0	0	0	0	0	0	-0.4	-0.39	0	0	0	0	0	0
12/19/2023 11:33	13302 ORVI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/19/2023 11:34	46903 MNTG_T2	0	86	86	0	0.23	0.23	0.08	-0.02	1	1	0	600	600	0
12/19/2023 11:36	67103 SPRI_T1	0	0	0	0	0	0	-0.04	-0.04	0	0	0	0	0	0
12/19/2023 11:38	28403 HART_T2	0	0	0	0	0	0	-0.88	-0.87	1	1	0	900	900	0
12/19/2023 11:39	55105 WERT_T1	0	0	0	0	0	0	-0.47	-0.48	1	1	0	900	900	0
12/19/2023 11:39	65001 NEFF_T2	0	0	0	0	0	0	-0.27	-0.27	1	1	0	1200	1200	0
12/19/2023 11:39	44301 BEAV_T2	0	0	0	0	0	0	0.81	0.51	1	1	0	600	600	0
12/19/2023 11:44	63404 HONY_T1	2	2	0	5.85	5.9	0.05	0	0	0	0	0	0	0	0
12/19/2023 11:44	61801 EELI_T2	0	0	0	0	0	0	-0.25	-0.25	0	0	0	0	0	0
12/19/2023 11:47	47403 PENS_T1	1	1	0	0.9	1.7	0.8	0	0	0	0	0	0	0	0
12/19/2023 11:47	52102 MEIS_T1	0	0	0	0	0	0	0	0	1	1	0	450	450	0
12/19/2023 11:48	47403 PENS_T1	1	1	0	0.9	1.7	0.8	0	0	0	0	0	0	0	0
12/19/2023 11:48	63601 LETO_T1	0	0	0	0	0	0	1.36	1.35	1	1	0	900	900	0
12/19/2023 11:49	52101 MEIS_T1	0	1	1	0	0.5	0.5	0	0	0	0	0	0	0	0
12/19/2023 11:49	65001 NEFF_T2	0	0	0	0	0	0	-0.54	-0.54	2	2	0	2400	2400	0
12/19/2023 11:49	47402 PENS_T1	115	120	5	1.45	2.64	1.19	0	0	0	0	0	0	0	0
12/19/2023 11:49	14403 SSLA_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/19/2023 11:50	14403 SSLA_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/19/2023 11:50	66703 STRA_T1	0	0	0	0	0	0	0.14	0.1	0	0	0	0	0	0
12/19/2023 11:51	66702 STRA_T1	0	0	0	0	0	0	0.07	0.13	3	3	0	2700	2700	0
12/19/2023 11:52	28403 HART_T2	0	0	0	0	0	0	-0.88	-0.87	1	1	0	900	900	0
12/19/2023 11:54	66702 STRA_T1	0	0	0	0	0	0	0.13	0.15	3	3	0	2700	2700	0
12/19/2023 11:54	55105 WERT_T1	0	0	0	0	0	0	-0.48	-0.45	1	1	0	900	900	0
12/19/2023 11:55	44301 BEAV_T2	0	0	0	0	0	0	0.51	0.12	1	1	0	600	600	0
12/19/2023 11:59	52002 LING_T2	0	0	0	0	0	0	-0.09	-0.1	0	0	0	0	0	0
12/19/2023 12:00	63401 HONY_T1	0	0	0	0	0	0	1.07	0.97	0	0	0	0	0	0
12/19/2023 12:02	52002 LING_T2	0	0	0	0	0	0	-0.09	-0.1	0	0	0	0	0	0
12/19/2023 12:03	47402 PENS_T1	119	120	1	1.94	2.64	0.7	0	0	0	0	0	0	0	0
12/19/2023 12:04	47403 PENS_T1	1	1	0	1.5	1.7	0.2	0	0	0	0	0	0	0	0
12/19/2023 12:05	65001 NEFF_T2	0	0	0	0	0	0	-0.27	-0.42	1	1	0	1200	1200	0
12/19/2023 12:08	28403 HART_T2	0	0	0	0	0	0	-0.85	-0.86	1	1	0	900	900	0
12/19/2023 12:15	63401 HONY_T1	0	0	0	0	0	0	0.97	0.98	0	0	0	0	0	0
12/19/2023 12:20	14403 SSLA_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/19/2023 12:22	14403 SSLA_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/19/2023 12:24	20403 ASHF_T2	0	0	0	0	0	0	0.25	0.24	0	0	0	0	0	0
12/19/2023 12:25	13302 ORVI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/19/2023 12:31	65001 NEFF_T2	0	0	0	0	0	0	-0.36	-0.54	1	1	0	1200	1200	0
12/19/2023 12:36	46302 ROHR_T1	2	4	2	0.65	0.65	0	-0.41	-0.4	0	0	0	0	0	0
12/19/2023 12:36	55105 WERT_T1	0	0	0	0	0	0	-0.47	-0.45	1	1	0	900	900	0
12/19/2023 12:37	46302 ROHR_T1	2	4	2	0.65	0.65	0	-0.41	-0.4	0	0	0	0	0	0
12/19/2023 12:46	47402 PENS_T1	120	116	-4	1.46	0.98	-0.48	0	0	0	0	0	0	0	0
12/19/2023 12:47	65503 MOJO_T2	0	0	0	0	0	0	-1.23	-1.17	1	1	0	900	900	0
12/19/2023 12:48	65503 MOJO_T2	0	0	0	0	0	0	-1.23	-1.17	1	1	0	900	900	0
12/19/2023 12:49	67103 SPRI_T1	0	0	0	0	0	0	-0.05	-0.04	0	0	0	0	0	0
12/19/2023 12:50	47402 PENS_T1	120	116	-4	1.46	0.98	-0.48	0	0	0	0	0	0	0	0
12/19/2023 12:51	47402 PENS_T1	120	116	-4	1.46	0.98	-0.48	0	0	0	0	0	0	0	0
12/19/2023 13:03	47401 PENS_T1	0	0	0	0	0	0	-0.45	-0.45	0	0	0	0	0	0
12/19/2023 13:08	65001 NEFF_T2	0	0	0	0	0	0	-0.48	-0.42	1	1	0	1200	1200	0
12/19/2023 13:16	52102 MEIS_T1	0	1	1	0	0	0	0	0	1	1	0	450	450	0
12/19/2023 13:20	60501 NMAN_T2	3	5	2	4.23	3.83	-0.4	0	0	0	0	0	0	0	0
12/19/2023 13:23	45701 LIND_T2	0	3	3	0	0	0	0	0	0	0	0	0	0	0
12/19/2023 13:28	52404 GRPA_T2	1	1	0	0.1	0	-0.1	0	0	0	0	0	0	0	0
12/19/2023 13:32	40502 CRES_T2	9	10	1	0.21	0.23	0.02	-0.57	-0.56	0	0	0	0	0	0
12/19/2023 13:32	40602 PIGR_T1	0	0	0	0	0	0	0	0	1	1	0	600	600	0
12/19/2023 13:36	40602 PIGR_T1	0	0	0	0	0	0	0	0	1	1	0	600	600	0
12/19/2023 13:37	67104 SPRI_T1	0	1	1	0	0	0	0	0	0	0	0	0	0	0
12/19/2023 13:45	52402 GRPA_T2	4	4	0	1.18	1.58	0.4	-0.88	-0.86	0	0	0	0	0	0
12/19/2023 13:46	52401 GRPA_T2	1	1	0	0.1	0.5	0.4	0	0	0	0	0	0	0	0
12/19/2023 13:47	52402 GRPA_T2	4	4	0	1.18	1.58	0.4	0	0	0	0	0	0	0	0
12/19/2023 13:52	40602 PIGR_T1	0	0	0	0	0	0	0	0	1	1	0	600	600	0
12/19/2023 13:54	11104 EGYP_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/19/2023 13:55	16101 BING_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/19/2023 13:56	16101 BING_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/19/2023 14:02	52102 MEIS_T1	0	0	0	0	0	0	0	0	1	1	0	450	450	0
12/19/2023 14:03	52102 MEIS_T1	0	0	0	0	0	0	0	0	1	1	0	450	450	0
12/19/2023 14:05	45702 LIND_T2	2	1	-1	1.9	0.8	-1.1	-0.47	-0.43	0	0	0	0	0	0
12/19/2023 14:06	49803 UNIV_T1	0	0	0	0	0	0	-0.95	-0.96	0	0	0	0	0	0
12/19/2023 14:06	52102 MEIS_T1	0	0	0	0	0	0	0	0	1	1	0	450	450	0
12/19/2023 14:10	13503 MCMI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/19/2023 14:11	43001 ALWD_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/19/2023 14:13	13503 MCMI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/19/2023 14:14	64203 KINZ_T1	3	1	-2	2.43	0	-2.43	0	0	0	0	0	0	0	0
12/19/2023 14:17	52403 GRPA_T2	4	3	-1	0.55	0.3	-0.25	0.32	0.26	0	0	0	0	0	0
12/19/2023 14:18	40602 PIGR_T1	0	1	1	0	0.1	0.1	0	0	1	1	0	600	600	0
12/19/2023 14:18	64202 KINZ_T1	1	1	0	0.8	0	-0.8	0	0	0	0	0	0	0	0
12/19/2023 14:18	48302 ORWI_T2	2	2	0	0.95	1.2	0.25	0.13	0.14	0	0	0	0	0	0
12/19/2023 14:19	52102 MEIS_T1	0	0	0	0	0	0	0	0	1	1	0	450	450	0
12/19/2023 14:21	64101 REFR_T1	0	0	0	0	0	0	-0.02	-0.01	0	0	0	0	0	0
12/19/2023 14:21	65001 NEFF_T2	0	0	0	0	0	0	-0.55	-0.65	1	1	0	1200	1200	0
12/19/2023 14:21	47403 PENS_T1	1	1	0	1.3	1.7	0.4	0	0	0	0	0	0	0	0
12/19/2023 14:21	14403 SSLA_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/19/2023 14:22	56501 ROCK_T2	2	1	-1	0.65	0.9	0.25	-0.81	-0.78	0	0	0	0	0	0
12/19/2023 14:22	64204 KINZ_T1	1	1	0	0.6	0.9	0.3	0	0	0	0	0	0	0	0
12/19/2023 14:22	14403 SSLA_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/19/2023 14:22	64101 REFR_T1	0	0	0	0	0	0	-0.03	-0.01	0	0	0	0	0	0
12/19/2023 14:23	64101 REFR_T1	0	0	0	0	0	0	-0.01	0	0	0	0	0	0	0
12/19/2023 14:25	43001 ALWD_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/19/2023 14:27	61102 BERK_T5	0	0	0	0	0	0	0.17	0.16	1	1	0	300	300	0
12/19/2023 14:29	57101 SPHI_T2	2	2	2	0	0.1	0.1	0	0	0	0	0	0	0	0
12/19/2023 14:29	64201 KINZ_T1	0	3	3	0	0	0	0.05	0.04	4	4	0	2100	2100	0
12/19/2023 14:30	64202 KINZ_T1	0	1	1	0	0	0	0	0	0	0	0	0	0	0
12/19/2023 14:31	42903 MIDD_T2	0	0	0	0	0	0	0.08	-0.23	1	1	0	1200	1200	0
12/19/2023 14:32	52401 GRPA_T2	1	1	0	0.2	0.2	0	0	0	0	0	0	0	0	0
12/19/2023 14:32	47401 PENS_T1	0	0	0	0	0	0	-0.43	-0.43	0	0	0	0	0	0
12/19/2023 14:32	65503 MOJO_T2	0	0	0	0	0	0	-1.26	-0.34	1	0	-1	900	0	-900
12/19/2023 14:33	65503 MOJO_T2	0	0	0	0	0	0	-1.26	-0.34	1	0	-1	900	0	-900
12/19/2023 14:34	47402 PENS_T1	117	119	2	1.82	2.19	0.37	0	0	0	0	0	0	0	0
12/19/2023 14:34	40602 PIGR_T1	1	0	-1	0.1	0	-0.1	0	0	1	1	0	600	600	0
12/19/2023 14:36	58302 NOTT_T1	0	0	0	0	0	0	-0.33	-0.41	1	1	0	1200	1200	0
12/19/2023 14:37	46302 ROHR_T1	2	2	0	0.65	1	0.35	-

12/19/2023 15:18	51401 LYKE_T1	0	0	0	0	0	0	0.34	0.33	0	0	0	0	0	0
12/19/2023 15:21	67602 WARW_T2	0	0	0	0	0	0	0.61	0.64	0	0	0	0	0	0
12/19/2023 15:22	52501 PROG_T1	0	0	0	0	0	0	0.33	0.36	1	1	0	300	300	0
12/19/2023 15:23	67602 WARW_T2	0	0	0	0	0	0	0.61	0.64	0	0	0	0	0	0
12/19/2023 15:24	16101 BING_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/19/2023 15:26	51102 CARL_T1	1	1	0	0.1	0.1	0	0	0	0	0	0	0	0	0
12/19/2023 15:26	67602 WARW_T2	0	0	0	0	0	0	0.64	0.61	0	0	0	0	0	0
12/19/2023 15:27	51107 CARL_T1	0	0	0	0	0	0	0.33	0.39	0	0	0	0	0	0
12/19/2023 15:36	42201 SHEN_T2	0	0	0	0	0	0	0.01	0.1	1	1	0	600	600	0
12/19/2023 15:36	40603 PIGR_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/19/2023 15:37	59101 WALK_T2	1	1	0	0	0	0	2.37	2.15	1	1	0	450	450	0
12/19/2023 15:39	67605 WARW_T1	0	0	0	0	0	0	-1.03	-1	0	0	0	0	0	0
12/19/2023 15:44	39601 LNFD_T1	3	0	-3	0.43	0	-0.43	0	0	1	1	0	900	900	0
12/19/2023 15:46	40502 CRES_T2	5	13	8	0.1	0.34	0.24	-0.6	-0.61	0	0	0	0	0	0
12/19/2023 15:51	65901 SAKR_T2	1	1	0	8.7	9	0.3	-1.18	-1.17	1	1	0	900	900	0
12/19/2023 15:52	64101 REFR_T1	0	0	0	0	0	0	0.01	0.09	0	0	0	0	0	0
12/19/2023 15:53	64101 REFR_T1	0	0	0	0	0	0	0.01	0.05	0	0	0	0	0	0
12/19/2023 15:55	11104 EGYP_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/19/2023 15:56	65001 NEFF_T2	0	0	0	0	0	0	-0.75	-0.76	1	1	0	1200	1200	0
12/19/2023 15:56	64101 REFR_T1	0	0	0	0	0	0	0.05	0.03	0	0	0	0	0	0
12/19/2023 15:57	52402 GRPA_T2	3	2	-1	1.63	1.9	0.27	0	0	0	0	0	0	0	0
12/19/2023 16:00	40502 CRES_T2	0	13	13	0	0.34	0.34	-1.22	-1.27	0	0	0	0	0	0
12/19/2023 16:01	52402 GRPA_T2	2	4	2	1.4	1.9	0.5	0	0	0	0	0	0	0	0
12/19/2023 16:02	40502 CRES_T2	0	13	13	0	0.34	0.34	-0.61	-0.64	0	0	0	0	0	0
12/19/2023 16:06	40502 CRES_T2	0	13	13	0	0.34	0.34	-0.61	-0.64	0	0	0	0	0	0
12/19/2023 16:11	52402 GRPA_T2	2	4	2	1.4	1.9	0.5	0	0	0	0	0	0	0	0
12/19/2023 16:15	43202 MVIL_T2	0	0	0	0	0	0	-0.6	-0.64	0	0	0	0	0	0
12/19/2023 16:16	43202 MVIL_T2	0	0	0	0	0	0	-0.6	-0.64	0	0	0	0	0	0
12/19/2023 16:18	58401 MORO_T1	0	0	0	0	0	0	-0.82	-0.9	1	1	0	600	600	0
12/19/2023 16:19	58401 MORO_T1	0	0	0	0	0	0	-0.82	-0.9	1	1	0	600	600	0
12/19/2023 16:21	42701 AUGU_T1	0	2	2	0	0	0	0	0	1	1	0	600	600	0
12/19/2023 16:25	42701 AUGU_T1	0	2	2	0	0	0	0	0	1	1	0	600	600	0
12/19/2023 16:33	47403 PENS_T1	1	1	0	2.4	1.5	-0.9	0	0	0	0	0	0	0	0
12/19/2023 16:34	52101 MEIS_T1	1	1	0	0.1	0.2	0.1	0	0	0	0	0	0	0	0
12/19/2023 16:44	13503 MCMI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/19/2023 16:45	13503 MCMI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/19/2023 16:51	42701 AUGU_T1	1	14	13	0.1	0.4	0.3	0	0	1	1	0	600	600	0
12/19/2023 16:52	42701 AUGU_T1	1	14	13	0.1	0.4	0.3	0	0	1	1	0	600	600	0
12/19/2023 16:53	42701 AUGU_T1	1	14	13	0.1	0.4	0.3	0	0	1	1	0	600	600	0
12/19/2023 17:08	42701 AUGU_T1	13	3	-10	0.37	0.25	-0.12	0	0	1	1	0	600	600	0
12/19/2023 17:11	42701 AUGU_T1	13	3	-10	0.37	0.25	-0.12	0	0	1	1	0	600	600	0
12/19/2023 17:36	40502 CRES_T2	10	8	-2	0.25	0.23	-0.02	-0.99	-1.02	0	0	0	0	0	0
12/19/2023 17:40	43402 BENT_T1	0	7	7	0	0	0	-0.88	-0.89	1	1	0	900	900	0
12/19/2023 17:41	65001 NEFF_T2	0	0	0	0	0	0	-0.7	-0.75	1	1	0	1200	1200	0
12/19/2023 17:48	40602 PIGR_T1	0	0	0	0	0	0	0	0	1	1	0	600	600	0
12/19/2023 17:50	40602 PIGR_T1	0	0	0	0	0	0	0	0	1	1	0	600	600	0
12/19/2023 17:56	40101 HUNT_T2	394	1227	833	1.11	0.91	-0.2	-0.32	-0.05	0	0	0	0	0	0
12/19/2023 17:56	45802 HEGI_T2	0	0	0	0	0	0	0.72	0.6	0	0	0	0	0	0
12/19/2023 17:58	40101 HUNT_T2	394	1227	833	1.11	0.91	-0.2	-0.32	-0.05	0	0	0	0	0	0
12/19/2023 17:59	52403 GRPA_T2	22	16	-6	0.53	0.48	-0.05	0	0	0	0	0	0	0	0
12/19/2023 18:02	45802 HEGI_T2	0	0	0	0	0	0	0.72	0.6	0	0	0	0	0	0
12/19/2023 18:16	40101 HUNT_T2	298	205	-93	0.93	0.58	-0.35	-0.05	-0.09	0	0	0	0	0	0
12/19/2023 18:21	16402 MOPO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/19/2023 18:22	27101 GFLD_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/19/2023 18:23	17805 GILB_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/19/2023 18:24	61306 EARL_T1	11	5	-6	0.25	0.2	-0.05	0	0	0	0	0	0	0	0
12/19/2023 18:24	17805 GILB_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/19/2023 18:27	43202 MVIL_T2	1	0	-1	0.8	0	-0.8	-0.64	-0.64	0	0	0	0	0	0
12/19/2023 18:27	43402 BENT_T1	5	3	-2	0.62	0.6	-0.02	-1.5	-1.53	2	2	0	1500	1500	0
12/19/2023 18:28	16101 BING_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/19/2023 18:29	43402 BENT_T1	5	3	-2	0.62	0.6	-0.02	-1.5	-1.53	2	2	0	1500	1500	0
12/19/2023 18:30	16402 MOPO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/19/2023 18:34	29402 BELT_T1	1	1	0	6.6	7.2	0.6	0	0	0	0	0	0	0	0
12/19/2023 18:34	17802 GILB_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/19/2023 18:35	13302 ORVI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/19/2023 18:36	16101 BING_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/19/2023 18:38	47402 PENS_T1	43	78	35	1.41	1.07	-0.34	0	0	0	0	0	0	0	0
12/19/2023 18:38	44301 BEAV_T2	2	2	0	0.4	0.1	-0.3	0.03	0	1	1	0	600	600	0
12/19/2023 18:38	13302 ORVI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/19/2023 18:39	65003 NEFF_T2	2	8	6	0.15	0.16	0.01	0	0	0	0	0	0	0	0
12/19/2023 18:40	29402 BELT_T1	1	1	0	6.6	7.2	0.6	0	0	0	0	0	0	0	0
12/19/2023 18:40	13503 MCMI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/19/2023 18:40	49803 UNIV_T1	0	1	1	0	0	0	-1	-0.99	0	0	0	0	0	0
12/19/2023 18:40	27502 WEIS_T2	0	0	0	0	0	0	-0.3	-0.27	0	0	0	0	0	0
12/19/2023 18:41	13302 ORVI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/19/2023 18:42	42503 ALTA_T2	0	0	0	0	0	0	-0.52	-0.53	0	0	0	0	0	0
12/19/2023 18:42	53903 HALI_T2	2	2	0	0.6	0.8	0.2	-0.29	-0.28	0	0	0	0	0	0
12/19/2023 18:42	40603 PIGR_T1	0	1	1	0	0	0	0	0	0	0	0	0	0	0
12/19/2023 18:42	39601 LNFD_T1	0	1	1	0	0	0	0	0	1	1	0	900	900	0
12/19/2023 18:42	43202 MVIL_T2	0	0	0	0	0	0	-0.64	-0.61	0	0	0	0	0	0
12/19/2023 18:43	64101 REFR_T1	0	0	0	0	0	0	0.09	0.08	0	0	0	0	0	0
12/19/2023 18:43	53501 EVIL_T2	1	7	6	0.1	0.19	0.09	-1.06	-1.05	1	1	0	600	600	0
12/19/2023 18:43	14801 TREI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/19/2023 18:43	47401 PENS_T1	0	0	0	0	0	0	-0.82	-0.8	0	0	0	0	0	0
12/19/2023 18:43	13503 MCMI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/19/2023 18:43	43304 WATS_T2	4	5	1	0.38	0.25	-0.13	0	0	0	0	0	0	0	0
12/19/2023 18:43	46901 MNTG_T2	0	0	0	0	0	0	1.22	1.22	0	0	0	0	0	0
12/19/2023 18:44	40602 PIGR_T1	0	0	0	0	0	0	0	0	1	1	0	600	600	0
12/19/2023 18:44	64201 KINZ_T1	6	55	49	0.12	0.21	0.09	0	0	0	0	0	0	0	0
12/19/2023 18:44	45501 DERR_T2	3	5	2	0.57	0.7	0.13	0.41	0.42	2	2	0	1800	1800	0
12/19/2023 18:44	16302 ALPA_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/19/2023 18:44	10805 CHHI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/19/2023 18:44	52004 LING_T2	1	1	0	1.4	1.3	-0.1	0	0	0	0	0	0	0	0
12/19/2023 18:44	67503 WEWI_T2	0	0	0	0	0	0	-0.01	0.01	0	0	0	0	0	0
12/19/2023 18:44	47802 MOCA_T2	0	1	1	0	0	0	-0.93	-0.91	0	0	0	0	0	0
12/19/2023 18:44	47401 PENS_T1	0	0	0	0	0	0	-0.41	-0.4	0	0	0	0	0	0
12/19/2023 18:44	29401 BELT_T1	9	42	33	0.17	0.22	0.05	0	0	1	1	0	900	900	0
12/19/2023 18:44	17802 GILB_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/19/2023 18:44	67103 SPRI_T1	0	0	0	0	0	0	-0.06	-0.08	0	0	0	0	0	0
12/19/2023 18:44	46903 MNTG_T2	11	84	73	0.13	0.21	0.08	-0.29	-0.18	1	1	0	600	600	0
12/19/2023 18:45	52102 MEIS_T1	0	0	0	0	0	0	0	0	1	1	0	450	450	0
12/19/2023 18:45	62604 ENGL_T1	0	0	0	0	0	0	-0.4	-0.49	1	1	0	600	600	0
12/19/2023 18:45	67502 WEWI_T2	0	0	0	0	0	0	-2.63	-2.66	2	2	0	1800	1800	0
12/19/2023 18:45	67502 WEWI_T2	0	0	0	0	0	0	-2.63	-2.66	2	2	0	1800	1800	0
12/19/2023 18:45	55002 NEWP_T1	4	3	-1	0.65	0.47	-0.18	-0.16	-0.16	0	0	0	0	0	0
12/19/2023 18:45	56802 BENV_T2	1	0	-1	0.1	0	-0.1	-1.14	-1.15	0	0	0	0	0	0
12/19/2023 18:45	59302 MCAL_T1	0	0	0	0	0	0	-0.63	-0.63	1	1	0	600	600	0
12/19/2023 18:45	13503 MCMI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/19/2023 18:45	65503 MOIO_T2	0	0	0	0	0	0	-1.43	-1.44	1	1	0	900	900	0
12/19/2023 18:45	66505 SMAN_T2	3	3	0	0.67	0.3	-0.37	0	0	0	0	0	0	0	0
12/19/2023 18:45	59101 WALK_T2	1	1	0	0	0	0	1.41	1.38	1	1	0	450	450	0
12/19/2023 18:45	45501 DERR_T2	3	5	2	0.73	2.05	1.32	0.41	0.42	2	2	0	1800	1800	0
12/19/2023 18:45	51401 LYKE_T1	0	0	0	0	0	0	0.31	0.3	0	0	0	0	0	0
12/19/2023 18:45	59202 THOM_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/19/2023 18:46	53501 EVIL_T2	7	1	-6	0.19	0.1	-0.09	-1.06	-1.05	1	1	0	600	600	0
12/19/2023 18:46	40602 PIGR_T1	0	0	0	0	0	0	0	0	1	1	0	600	600	0
12/19/2023 18:46	57401 SPAN_T1	0	1	1	0	0.1	0.1	0	0	0	0	0	0	0	0
12/19/2023 18:46	62604 ENGL_T1	0	0	0	0	0	0	-0.4	-0.49	1	1	0	600	600	0
12/19/2023 18:46	42201 SHEN_T2	0	0	0	0	0	0	-0.09	-0.1	1	1	0	600	600	0
12/19/2023 18:46	10801 CHHI_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/19/2023 18:46	52402 GRPA_T2	4	7	3	0.58	0.53	-0.05	0	0	0	0	0	0	0	0
12/19/2023 18:46	66505 SMAN_T2	3	3	0	0.67	0.3	-0.37	-0.51	-0.53	2	2	0	1100	1100	0
12/19/2023 18:46	46903 MNTG_T2	84	7	-77	0.21	0.13	-0.08	-0.29	-0.18	1	1	0	600	600	0
12/19/2023 18:46	43301 WATS_T2	0	0	0	0	0	0	-0.61	-0.62	1	1	0	900	900	0
12/19/2023 18:46	59101 WALK_T2	1	1	0	0	0	0	1.41	1.38	1	1	0	450	450	0
12/19/2023 18:46	67103 SPRI_T1	0	0	0	0	0	0	-0.06	-0.08	0	0	0	0	0	0
12/19/2023 18:46	48302 ORWI_T2	2	2	0	0.9	1.15	0.25	-0.47	-0.47	0	0	0	0	0	0
12/19/2023 18:46	45501 DERR_T2	3	5	2	0.73	2.05	1.32	0.41	0.42	2	2	0	1800	1800	0
12/19/2023 18:46	56802 BENV_T2	1	0	-1	0.1	0	-0.1	-4.54	-4.6	0	0	0	0	0	0
12/19/2023 18:47	64201 KINZ_T1	46	26	-20	0.17	0.23	0.06	-0.66	-0.6	3	3	0	1500	1500	0
12/19/2023 18:47	67502 WEWI_T2	0	0	0	0	0	0	-1.32	-1.33	1	1	0	900	900	0
12/19/2023 18:47	55002 NEWP_T1	4	3	-1	0.65	0.47	-0.18	-0.16	-0.16	0	0	0	0	0	0
12/19/2023 18:47	52401 GRPA_T2	30	11	-19	0.48	0.4	-0.08	-0.49	-0.52	0	0	0	0	0	0
12/19/2023 18:47	63601 LETO_T1	0	0	0	0	0	0	1.37	1.41	1	1	0	900	900	0
12/19/2023 18:48	13302 ORVI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/19/2023 18:48	52403 GRPA_T2	5	13	8	1.5	1.1	-0.4	0.21	0.17	0	0	0	0	0	0
12/19/2023 18:48	41801 GOCI_T2	0	1	1	0	0.2	0.2	0	0	0	0	0	0	0	0
12/19/2023 18:48	42901 MIDD_T2	0	3	3	0	0.4	0.4	0	0	0	0	0	0	0	0
12/19/2023 18:48	29401 BELT_T1	14	41	27	0.19	0.22	0.03	0	0	1	1	0	900	900	0
12/19/2023 18:48	40502 CRES_T2	3	10	7	0.17	0.13	-0.04	-0.48	-0.44	0	0	0	0	0	0
12/19/2023 18:48	55002 NEWP_T1	4	3	-1	0.65	0.47	-0.18	-0.16	-0.16	0	0	0	0	0	0
12/19/2023 18:48	57106 SPHI_T2	3	3	0	1.37	1.4	0.03	0	0	0	0	0	0	0	0
12/19/2023 18:48	45702 LIND_T2	1	1	0	0.5	0.9	0.4	-0.45	-0.44	0	0	0	0	0	0
12/19/2023 18:48	11104 EGYP_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/19/2023 18:48	45501 DERR_T2	3	5	2	0.73	2.05	1.32	0.41	0.42	2	2	0	1800	1800	0
12/19/2023 18:48	57401 SPAN_T1	0	1	1	0	0.1	0.1	-0.59	-0.55	1	1	0	600	600	0
12/19/2023 18:49	44601 SALE_T2	0	0	0	0	0	0	0.05	0.02	0	0	0	0	0	0
12/19/2023 18:49	13302 ORVI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/19/2023 18:49	46801 HEPB_T2	0	0	0	0	0	0	0.71	0.69	0	0	0	0	0	0
12/19/2023 18:49	64201 KINZ_T1	46	26	-20	0.17	0.23	0.06	-0.66	-0.6	3	3	0	1500	1500	0
12/19/2023 18:49	10801 CHHI_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/19/2023 18:49	43401 BENT_T1	0	1	1	0	0	0	0	0	0	0	0	0	0	0
12/19/2023 18:49	16302 ALPA_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/19/2023 18:49	43304 WATS_T2	3	4	1	0.23	0.37	0.14	0	0	0	0	0	0	0	0
12/19/2023 18:49	63601 LETO_T1	0	0	0	0	0	0	1.37	1.41	1	1	0	900	900	0
12/19/2023 18:49	60305 TWVA_T2	0	0	0	0	0	0	-1.55	-1.57	2	2	0	2400	2400	0
12/19/2023 18:49	57403 SPAN_T1	0	0	0	0	0	0	0.21	0.22	0	0	0	0	0	0
12/19/2023 18:49	17802 GILB_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/19/2023 18:49	57403 SPAN_T1	0	0	0	0	0	0	0.21	0.22	0	0	0	0	0	0
12/19/2023 18:49	67502 WEWI_T2	0	0	0	0	0	0	-1.32	-1.33	1	1	0	900	900	0
12/19/2023 18:49	43201 MVIL_T2	0	0	0	0	0	0	-1.25	-1.26	0	0	0	0	0	0
12/19/2023 18:49	65901 SAKR_T2	1	1	0	8.8	8.8	0	-1.17	-1.08	1	1	0	900	900	0
12/19/2023 18:49	65003 NEFF_T2	2	12	10	0.15	0.14	-0.01	0	0	0	0	0	0	0	0
12/19/2023 18:49	14403 SSLA_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/19/2023 18:49	56802 BENV_T2	1	0	-1	0.1	0	-0.1	-1.14	-1.15	0	0	0	0	0	0
12/19/2023 18:49	53501 EVIL_T2	7	1	-6	0.19	0.1	-0.09	-1.06	-1.05	1	1	0	600	600	0
12/19/2023 18:49	64101 REFR_T1	0	0	0	0	0	0	0.27	0.23	0	0	0	0	0	0
12/19/2023 18:50	43001 ALWD_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/19/2023 18:50	28403 HART_T2	4	1	-3	0.65	0	-0.65	-0.79	-0.77	1	1	0	900	900	0
12/19/2023 18:50	67502 WEWI_T2	0	0	0	0	0	0	-1.32	-1.33	1	1	0	900	900	0
12/19/2023 18:50	40603 PIGR_T1	0	1	1	0	0	0	0	0	0	0	0	0	0	0
12/19/2023 18:50	54001 SDLE_T1	2	2	0	0.4	0.45	0.05	0	0	0	0	0	0	0	0
12/19/2023 18:50	56802 BENV_T2	1	0	-1	0.1	0	-0.1	-3.41	-3.45	0	0	0	0	0	0
12/19/2023 18:50	57103 SPHI_T2	0	0	0	0	0	0	-0.06	-0.05	0	0	0	0	0	0
12/19/2023 18:50	46903 MNTG_T2	84	7	-77	0.21	0.13	-0.08	-0.57	-0.36	2	2	0	1200	1200	0
12/19/2023 18:50	17804 GILB_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/19/2023 18:50	40502 CRES_T2	3	10	7	0.17	0.13	-0.04	-0.48	-0.44	0	0	0	0	0	0
12/19/2023 18:50	61102 BERK_T5	0	0	0	0	0	0	-0.21	-0.24	1	1	0	300	300	0
12/19/2023 18:50	56504 ROCK_T2	0	4	4	0	0	0	0	0	0	0	0	0	0	0
12/19/2023 18:50	65503 MOIO_T2	0	0	0	0	0	0	-1.43	-1.44	1	1	0	900

Appendix C - Grid Benefits Achieved in Each Instance of Active Management

12/19/2023 18:54	20403 ASHF_T2	1	2	1	0.4	0	-0.4	0.71	0.66	0	0	0	0	0	0
12/19/2023 18:54	64101 REFR_T1	0	0	0	0	0	0	0.08	0.1	0	0	0	0	0	0
12/19/2023 18:54	66703 STRA_T1	0	1	1	0	0	0	0	0	0	0	0	0	0	0
12/19/2023 18:54	52102 MEIS_T1	0	0	0	0	0	0	0	0	1	1	0	450	450	0
12/19/2023 18:54	57401 SPAN_T1	0	1	1	0	0.1	0.1	-0.55	-0.56	1	1	0	600	600	0
12/19/2023 18:54	62604 ENGL_T1	0	0	0	0	0	0	-0.49	-0.47	1	1	0	600	600	0
12/19/2023 18:55	56501 ROCK_T2	2	1	-1	0.95	0.1	-0.85	-1.25	-1.23	0	0	0	0	0	0
12/19/2023 18:55	14403 SSLA_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/19/2023 18:55	53501 EVIL_T2	7	1	-6	0.19	0.1	-0.09	-1.05	-1.02	1	1	0	600	600	0
12/19/2023 18:55	60201 ATGL_T2	0	0	0	0	0	0	0.22	0.27	1	1	0	300	300	0
12/19/2023 18:55	64101 REFR_T1	0	0	0	0	0	0	0.15	0.2	0	0	0	0	0	0
12/19/2023 18:55	56802 BENV_T2	1	0	-1	0.1	0	-0.1	-5.75	-5.84	0	0	0	0	0	0
12/19/2023 18:55	62604 ENGL_T1	0	0	0	0	0	0	-0.49	-0.47	1	1	0	600	600	0
12/19/2023 18:55	67503 WEWI_T2	0	0	0	0	0	0	0.01	0.04	0	0	0	0	0	0
12/19/2023 18:55	67602 WARW_T2	0	0	0	0	0	0	0.47	0.48	0	0	0	0	0	0
12/19/2023 18:55	53901 HALI_T2	1	2	1	0.4	0	-0.4	0	0	0	0	0	0	0	0
12/19/2023 18:55	11104 EGYP_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/19/2023 18:56	51107 CARL_T1	0	0	0	0	0	0	0.23	0.23	0	0	0	0	0	0
12/19/2023 18:56	57401 SPAN_T1	0	1	1	0	0.1	0.1	0	0	0	0	0	0	0	0
12/19/2023 18:56	54001 SDLE_T1	2	2	0	0.4	0.45	0.05	0	0	0	0	0	0	0	0
12/19/2023 18:56	67203 TEHI_T1	1	1	0	0.3	0	-0.3	2.22	2.22	1	1	0	600	600	0
12/19/2023 18:56	54701 NEBL_T1	0	0	0	0	0	0	0	0	1	1	0	600	600	0
12/19/2023 18:56	56501 ROCK_T2	2	1	-1	0.95	0.1	-0.85	0	0	0	0	0	0	0	0
12/19/2023 18:56	42201 SHEN_T2	0	0	0	0	0	0	-0.1	-0.1	1	1	0	600	600	0
12/19/2023 18:56	40502 CRES_T2	3	10	7	0.17	0.13	-0.04	-0.44	-0.47	0	0	0	0	0	0
12/19/2023 18:56	59101 WALK_T2	1	1	0	0	0	0	2.76	2.5	2	2	0	900	900	0
12/19/2023 18:56	67502 WEWI_T2	0	0	0	0	0	0	-1.33	-1.32	1	1	0	900	900	0
12/19/2023 18:56	45402 WBLO_T2	0	0	0	0	0	0	-0.5	-0.51	0	0	0	0	0	0
12/19/2023 18:57	52402 GRPA_T2	4	7	3	0.58	0.53	-0.05	-0.84	-0.83	0	0	0	0	0	0
12/19/2023 18:57	52501 PROG_T1	0	0	0	0	0	0	0.28	0.26	0	0	0	0	0	0
12/19/2023 18:58	62604 ENGL_T1	0	0	0	0	0	0	-0.49	-0.47	1	1	0	600	600	0
12/19/2023 18:58	58302 NOTT_T1	0	0	0	0	0	0	-0.45	-0.44	1	1	0	1200	1200	0
12/19/2023 18:58	67605 WARW_T1	0	0	0	0	0	0	-0.9	-1.11	0	0	0	0	0	0
12/19/2023 18:59	59101 WALK_T2	1	1	0	0	0	0	1.38	1.25	1	1	0	450	450	0
12/19/2023 18:59	46302 ROHR_T1	0	4	4	0	1	1	-0.35	-0.31	0	0	0	0	0	0
12/19/2023 18:59	54001 SDLE_T1	2	2	0	0.4	0.45	0.05	0	0	0	0	0	0	0	0
12/19/2023 18:59	67203 TEHI_T1	1	1	0	0.3	0	-0.3	0	0	0	0	0	0	0	0
12/19/2023 18:59	53501 EVIL_T2	7	1	-6	0.19	0.1	-0.09	-1.05	-1.02	1	1	0	600	600	0
12/19/2023 19:00	65001 NEFF_T2	0	1	1	0	0.1	0.1	-0.78	-0.84	1	1	0	1200	1200	0
12/19/2023 19:00	41901 REED_T1	10	10	0	0.73	0.9	0.17	0	0	0	0	0	0	0	0
12/19/2023 19:00	53903 HALI_T2	2	2	0	0.8	0.8	0	-0.28	-0.29	0	0	0	0	0	0
12/19/2023 19:00	54001 SDLE_T1	1	2	1	0.8	0.45	-0.35	0	0	0	0	0	0	0	0
12/19/2023 19:00	41801 GOCI_T2	1	1	0	0.2	0	-0.2	0	0	0	0	0	0	0	0
12/19/2023 19:01	52101 MEIS_T1	1	1	0	0.5	0.3	-0.2	0	0	0	0	0	0	0	0
12/19/2023 19:01	52402 GRPA_T2	7	8	1	0.54	0.85	0.31	0	0	0	0	0	0	0	0
12/19/2023 19:01	66703 STRA_T1	0	0	0	0	0	0	-0.1	-0.05	0	0	0	0	0	0
12/19/2023 19:01	58402 MORO_T1	0	0	0	0	0	0	-0.56	-0.62	3	3	0	2400	2400	0
12/19/2023 19:01	57401 SPAN_T1	0	1	1	0	0.1	0.1	-0.55	-0.56	1	1	0	600	600	0
12/19/2023 19:02	52403 GRPA_T2	12	8	-4	0.89	0.55	-0.34	0.17	0.16	0	0	0	0	0	0
12/19/2023 19:02	66702 STRA_T1	0	0	0	0	0	0	0.04	0.06	3	3	0	2700	2700	0
12/19/2023 19:06	41901 REED_T1	10	10	0	0.73	0.9	0.17	0	0	0	0	0	0	0	0
12/19/2023 19:11	57103 SPHI_T2	0	0	0	0	0	0	-0.06	-0.07	0	0	0	0	0	0
12/19/2023 19:21	65003 NEFF_T2	7	34	27	0.14	0.15	0.01	0	0	0	0	0	0	0	0
12/19/2023 19:26	40101 HUNT_T2	222	211	-11	0.72	0.63	-0.09	-0.15	-0.15	0	0	0	0	0	0
12/19/2023 19:37	51102 CARL_T1	3	17	14	0.13	0.15	0.02	0	0	0	0	0	0	0	0
12/19/2023 19:57	65001 NEFF_T2	2	11	9	0.1	0.1	0	-0.85	-0.89	1	1	0	1200	1200	0
12/19/2023 20:16	52403 GRPA_T2	3	7	4	1.17	1.75	0.58	0	0	0	0	0	0	0	0
12/19/2023 20:34	65001 NEFF_T2	0	0	0	0	0	0	-0.91	-0.97	1	1	0	1200	1200	0
12/19/2023 21:06	65001 NEFF_T2	0	87	87	0	0.16	0.16	-0.96	-1.01	1	1	0	1200	1200	0
12/19/2023 21:11	57401 SPAN_T1	1	2	1	0.1	0.55	0.45	0	0	0	0	0	0	0	0
12/19/2023 22:09	65001 NEFF_T2	0	0	0	0	0	0	-1.04	-0.98	1	1	0	1200	1200	0
12/19/2023 23:17	65001 NEFF_T2	0	0	0	0	0	0	-1.03	-1.07	1	1	0	1200	1200	0
12/19/2023 23:41	65001 NEFF_T2	0	0	0	0	0	0	-1.06	-1.17	1	1	0	1200	1200	0
12/19/2023 23:59	65001 NEFF_T2	0	0	0	0	0	0	-1.17	-1.2	1	1	0	1200	1200	0
12/20/2023 0:16	40101 HUNT_T2	1	6	5	0.2	0.73	0.53	-0.24	-0.92	0	1	1	0	300	300
12/20/2023 0:22	40101 HUNT_T2	1	6	5	0.2	0.73	0.53	-0.24	-0.92	1	1	0	300	300	0
12/20/2023 0:46	65001 NEFF_T2	0	5	5	0	0.14	0.14	-1.16	-1.15	1	1	0	1200	1200	0
12/20/2023 0:57	65001 NEFF_T2	0	5	5	0	0.14	0.14	-1.15	-1.21	1	1	0	1200	1200	0
12/20/2023 1:07	65001 NEFF_T2	0	5	5	0	0.14	0.14	-1.15	-1.21	1	1	0	1200	1200	0
12/20/2023 1:18	65001 NEFF_T2	5	3	-2	0.14	0.1	-0.04	-1.21	-1.22	1	1	0	1200	1200	0
12/20/2023 1:22	40101 HUNT_T2	0	0	0	0	0	0	-0.37	-0.42	0	0	0	0	0	0
12/20/2023 1:44	40101 HUNT_T2	0	0	0	0	0	0	-1.04	-1.1	0	0	0	0	0	0
12/20/2023 2:31	65001 NEFF_T2	0	0	0	0	0	0	-1.21	-1.2	1	1	0	1200	1200	0
12/20/2023 2:53	42701 AUGU_T1	1	1	0	1	1.1	0.1	0	0	1	1	0	600	600	0
12/20/2023 2:55	42701 AUGU_T1	1	1	0	1	1.1	0.1	0	0	1	1	0	600	600	0
12/20/2023 2:57	65001 NEFF_T2	0	0	0	0	0	0	-1.16	-1.21	1	1	0	1200	1200	0
12/20/2023 3:55	65001 NEFF_T2	0	0	0	0	0	0	-1.14	-1.14	1	1	0	1200	1200	0
12/20/2023 4:00	45802 HEGI_T2	0	0	0	0	0	0	-0.44	-0.48	1	1	0	900	900	0
12/20/2023 4:06	65001 NEFF_T2	0	0	0	0	0	0	-1.14	-1.14	1	1	0	1200	1200	0
12/20/2023 4:14	46903 MNTG_T2	0	0	0	0	0	0	-0.21	-0.18	1	1	0	600	600	0
12/20/2023 4:37	65001 NEFF_T2	0	0	0	0	0	0	-1.06	-1.07	1	1	0	1200	1200	0
12/20/2023 4:53	65001 NEFF_T2	0	0	0	0	0	0	-1.07	-1.05	1	1	0	1200	1200	0
12/20/2023 6:01	65001 NEFF_T2	0	0	0	0	0	0	-0.91	-0.85	1	1	0	1200	1200	0
12/20/2023 6:33	65001 NEFF_T2	0	0	0	0	0	0	-0.71	-0.51	1	1	0	1200	1200	0
12/20/2023 7:20	65001 NEFF_T2	0	0	0	0	0	0	-0.46	-0.51	1	1	0	1200	1200	0
12/20/2023 7:51	43402 BENT_T1	1	6	5	2.6	0	-2.6	-1.51	-1.47	2	2	0	1500	1500	0
12/20/2023 7:53	43402 BENT_T1	1	6	5	2.6	0	-2.6	-1.47	-1.46	2	2	0	1500	1500	0
12/20/2023 7:56	45501 DERR_T2	8	12	4	0.86	0.47	-0.39	1	0.97	2	2	0	1800	1800	0
12/20/2023 7:56	40502 CRES_T2	0	11	11	0	0.29	0.29	-0.32	-0.38	0	0	0	0	0	0
12/20/2023 7:57	45502 DERR_T2	9	5	-4	0.51	0.53	0.02	0	0	0	0	0	0	0	0
12/20/2023 8:08	42701 AUGU_T1	2	2	0	0.25	0.4	0.15	0	0	1	1	0	600	600	0
12/20/2023 8:09	43402 BENT_T1	2	4	2	0.55	0.1	-0.45	-1.46	-1.49	2	2	0	1500	1500	0
12/20/2023 8:10	42701 AUGU_T1	2	2	0	0.25	0.4	0.15	0	0	1	1	0	600	600	0
12/20/2023 8:12	52404 GRPA_T2	0	6	6	0	0	0	-0.09	0.48	0	0	0	0	0	0
12/20/2023 8:12	40502 CRES_T2	10	11	1	0.2	0.29	0.09	-0.38	-0.43	0	0	0	0	0	0
12/20/2023 8:14	52402 GRPA_T2	2	2	0	2.25	3.4	1.15	0	0	0	0	0	0	0	0
12/20/2023 8:24	49803 UNIV_T1	0	0	0	0	0	0	-0.81	-0.83	0	0	0	0	0	0
12/20/2023 8:26	40101 HUNT_T2	121	57	-64	0.51	0.59	0.08	-1.09	-1.13	0	0	0	0	0	0
12/20/2023 8:28	52402 GRPA_T2	1	2	1	3.4	3.2	-0.2	0	0	0	0	0	0	0	0
12/20/2023 8:30	52401 GRPA_T2	0	2	2	0	0.6	0.6	0	0	0	0	0	0	0	0
12/20/2023 8:35	55002 NEWP_T1	6	6	0	0.82	0.82	0	-0.15	-0.15	0	0	0	0	0	0
12/20/2023 8:36	40602 PIGR_T1	2	3	1	0.55	0.43	-0.12	0	0	1	1	0	600	600	0
12/20/2023 8:36	67103 SPRI_T1	0	0	0	0	0	0	-0.05	0	0	0	0	0	0	0
12/20/2023 8:39	67103 SPRI_T1	0	0	0	0	0	0	0	-0.1	0	0	0	0	0	0
12/20/2023 8:40	53601 DALM_T2	2	2	0	0.65	0.65	0	-0.5	-0.52	1	1	0	900	900	0
12/20/2023 8:48	47403 PENS_T1	1	2	1	1	1.2	0.2	0	0	0	0	0	0	0	0
12/20/2023 8:49	47402 PENS_T1	115	123	8	1.26	2.07	0.81	0	0	0	0	0	0	0	0
12/20/2023 8:51	47402 PENS_T1	115	123	8	1.26	2.07	0.81	0	0	0	0	0	0	0	0
12/20/2023 9:00	47402 PENS_T1	100	123	23	1.05	2.61	1.56	0	0	0	0	0	0	0	0
12/20/2023 9:00	43001 ALWD_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/20/2023 9:00	57401 SPAN_T1	0	2	2	0	0.35	0.35	-0.93	-0.95	1	1	0	600	600	0
12/20/2023 9:00	57403 SPAN_T1	0	1	1	0	0.2	0.2	0.25	0.24	0	0	0	0	0	0
12/20/2023 9:00	67503 WEWI_T2	0	0	0	0	0	0	0.06	0.06	0	0	0	0	0	0
12/20/2023 9:00	53903 HALI_T2	2	2	0	0.8	0.95	0.15	-0.31	-0.21	0	0	0	0	0	0
12/20/2023 9:00	43304 WATS_T2	0	0	0	0	0	0	-0.78	-0.16	1	0	-1	600	0	-600
12/20/2023 9:00	46003 BERW_T2	1	1	0	2.4	1	-1.4	0	0	0	0	0	0	0	0
12/20/2023 9:00	27502 WEIS_T2	0	0	0	0	0	0	-0.27	-0.28	0	0	0	0	0	0
12/20/2023 9:00	59101 WALK_T2	1	1	0	0	0	0	0	0	0	0	0	0	0	0
12/20/2023 9:00	21401 HONE_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/20/2023 9:00	64101 REFR_T1	0	0	0	0	0	0	0.06	0.01	0	0	0	0	0	0
12/20/2023 9:01	58402 MORO_T1	0	0	0	0	0	0	-0.76	-0.77	3	3	0	2400	2400	0
12/20/2023 9:04	67002 STHI_T2	49	97	48	0.15	0.18	0.03	0.68	0.69	0	0	0	0	0	0
12/20/2023 9:05	67001 STHI_T2	227	378	151	0.12	0.17	0.05	0	0	0	0	0	0	0	0
12/20/2023 9:06	67002 STHI_T2	49	97	48	0.15	0.18	0.03	1.37	1.37	0	0	0	0	0	0
12/20/2023 9:06	41903 REED_T1	0	3	3	0	0	0	0	0	0	0	0	0	0	0
12/20/2023 9:07	67103 SPRI_T1	0	0	0	0	0	0	-0.1	-0.05	0	0	0	0	0	0
12/20/2023 9:07	43402 BENT_T1	0	1	1	0	0	0	-1.51	-1.51	2	2	0	1500	1500	0
12/20/2023 9:09	43402 BENT_T1	0	1	1	0	0	0	-1.51	-0.88	2	2	0	1500	1500	0
12/20/2023 9:09	67103 SPRI_T1	0	0	0	0	0	0	-0.05	-0.1	0	0	0	0	0	0
12/20/2023 9:10	40101 HUNT_T2	82	101	19	0.66	0.57	-0.09	-1.12	-0.87	0	0	0	0	0	0
12/20/2023 9:11	45501 DERR_T2	1	1	0	1.5	0	-1.5	0.8	0.86	2	2	0	1800	1800	0
12/20/2023 9:11	43402 BENT_T1	0	1	1	0	0	0	-1.51	-0.88	2	2	0	1500	1500	0
12/20/2023 9:12	52404 GRPA_T2	0	0	0	0	0	0	0.05	0.44	0	0	0	0	0	0
12/20/2023 9:12	53601 DALM_T2	2	1	-1	0.65	0.8	0.15	-0.7	-0.69	1	1	0	900	900	0
12/20/2023 9:12	40101 HUNT_T2	82	101	19	0.66	0.57	-0.09	-1.12	-0.87	0	0	0	0	0	0
12/20/2023 9:17	52403 GRPA_T2	3	7	4	0.73	0.17	-0.56	0	0	0	0	0	0	0	0
12/20/2023 9:18	52102 MEIS_T1	0	6	6	0	0.17	0.17	0	0	2	2	0	900	900	0
12/20/2023 9:19	52101 MEIS_T1	1	1	0	0.2	0.4	0.2	0	0	0	0	0	0	0	0
12/20/2023 9:19	13704 SCHN_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/20/2023 9:21	13704 SCHN_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/20/2023 9:21	67204 TEHI_T2	0	0	0	0	0	0	0.1	0.07	0	0	0	0	0	0
12/20/2023 9:22	29401 BELT_T1	4	21	17	0.1	0.16	0.06	0	0	0	0	0	0	0	0
12/20/2023 9:22	64101 REFR_T1	0	0	0	0	0	0	0.02	-0.02	0	0	0	0	0	0
12/20/2023 9:23	64101 REFR_T1	0	0	0	0	0	0	0.02	-0.02	0	0	0	0	0	0
12/20/2023 9:26	64101 REFR_T1	0	0	0	0	0	0	-0.03	-0.12	0	0	0	0	0	0
12/20/2023 9:28	52402 GRPA_T2	4	5	1	1.53	1.3	-0.23	-0.92	-0.86	0	0	0	0	0	0
12/20/2023 9:31	52403 GRPA_T2	7	9	2	0.97	0.17	-0.8	0	0	0	0	0	0	0	0
12/20/2023 9:32	52404 GRPA_T2	0	1	1	0	0	0	0	0	0	0	0	0	0	0
12/20/2023 9:33	52101 MEIS_T1	1	0	-1	0.4	0	-0.4	0	0	0	0	0	0	0	0
12/20/2023 9:34	52102 MEIS_T1	6	0	-6	0.17	0	-0.17	0	0	1	1	0	450	450	0
12/20/2023 9:34	42201 SHEN_T2	0	0	0	0	0	0	-0.07	-0.09	1	1	0	600	600	0
12/20/2023 9:35	13302 ORVI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/20/2023 9:36	41901 REED_T1	10	11	1	0.61	0.77	0.16	0	0	0	0	0	0	0	0
12/20/2023 9:38	56802 BENV_T2	9	39	30	0.16	0.27	0.11	-2.49	-2.58	0	0	0	0	0	0
12/20/2023 9:39	56802 BENV_T2	9	39	30	0.16	0.27	0.11	-3.87	-3.8	0	0	0	0	0	0
12/20/2023 9:40	54505 ENOL_T2	1	1	0	0.1	0.7	0.6	0	0	0	0	0	0	0	0
12/20/2023 9:41	56802 BENV_T2	9	39	30	0.16	0.27	0.11	-2.58	-2.53	0	0	0	0	0	0
12/20/2023 9:42	54505 ENOL_T2	1	1	0	0.1	0.7	0.6	0	0	0	0	0	0	0	0
12/20/2023 9:42	14703 TREX_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/20/2023 9:42	56802 BENV_T2	9	39	30	0.16	0.27	0.11	-3.87	-3.8	0	0	0	0	0	0
12/20/2023 9:42	41801 GOCI_T2	1	1	0	0.2	0.6	0.4	0	0	0	0	0	0	0	0
12/20/2023 9:43	56802 BENV_T2	9	39	30	0.16	0.27	0.11	-1.29	-1.27	0	0	0	0	0	0
12/20/2023 9:44	13503 MCMI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/20/2023 9:44	14702 TREX_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/20/2023 9:46	55002 NEWP_T1	7	6	-1	1.03	0.85	-0.18	-0.2	-0.21	0	0	0	0	0	0
12/20/2023 9:46	14705 TREX_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/20/2023 9:47	13503 MCMI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/20/2023 9:48	14705 TREX_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/20/2023 9:49	55001 NEWP_T1	0	1	1	0	0	0	0	0	0	0	0	0	0	0
12/20/2023 9:50	55002 NEWP_T1	7	6	-1	1.03	0.85	-0.18	-0.2	-0.21	0	0	0	0	0	0
12/20/2023 9:51	55002 NEWP_T1	7	6	-1	1.03	0.85	-0.18	-0.2	-0.21	0	0	0	0	0	0
12/20/2023 9:51	56504 ROCK_T2	0	0	0	0	0	0	-0.01	-0.01	0	0	0	0	0	0
12/20/2023 9:52	67402 WAKE_T2	0	0	0	0	0	0	0.53	0.51	1	1	0	600	600	0
12/20/2023 9:52	14403 SSLA_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/20/2023 9:53	14403 SSLA_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/20/2023 9:53	67502 WEWI_T2	1	3	2	0.2	0.27	0.07	-1.02	-1.09	1	1	0	900	900	0
12/20/2023 9:56	29402 BELT_T1	1	1	0	6.8	7	0.2	0	0	0	0	0	0	0	0
12/20/2023 9:56	20402 ASHF_T2	2	2	0	0.3	0.15	-0.15	0	0	0	0	0	0	0	0
12/20/2023 9:56	40101

12/20/2023 10:16	64202 KINZ_T1	0	3	3	0	0.63	0.63	0	0	0	0	0	0	0	0
12/20/2023 10:16	55002 NEWP_T1	6	9	3	0.83	0.99	0.16	-0.18	-0.19	0	0	0	0	0	0
12/20/2023 10:17	64201 KINZ_T1	0	1	1	0	0.1	0.1	-0.11	-0.6	4	4	0	2100	2100	0
12/20/2023 10:17	13302 ORVI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/20/2023 10:17	67303 WYOM_T2	1	0	-1	0.1	0	-0.1	-0.13	-0.17	0	0	0	0	0	0
12/20/2023 10:18	55002 NEWP_T1	6	9	3	0.83	0.99	0.16	-0.18	-0.19	0	0	0	0	0	0
12/20/2023 10:19	65003 NEFF_T2	2	0	-2	0.1	0	-0.1	0	0	0	0	0	0	0	0
12/20/2023 10:19	56501 ROCK_T2	1	1	0	1.1	0.4	-0.7	-0.78	-0.82	0	0	0	0	0	0
12/20/2023 10:20	59101 WALK_T2	1	1	0	0	0	0	2.2	2.05	0	1	1	0	600	600
12/20/2023 10:20	40601 PIGR_T1	3	5	2	0.3	0.32	0.02	0	0	0	0	0	0	0	0
12/20/2023 10:21	57401 SPAN_T1	94	125	31	0.31	0.31	0	0	0	0	0	0	0	0	0
12/20/2023 10:21	59101 WALK_T2	1	1	0	0	0	0	4.4	4.11	0	2	2	0	1200	1200
12/20/2023 10:21	13704 SCHN_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/20/2023 10:21	55002 NEWP_T1	6	9	3	0.83	0.99	0.16	-0.18	-0.19	0	0	0	0	0	0
12/20/2023 10:22	29401 BELT_T1	18	41	23	0.13	0.18	0.05	0	0	1	1	0	900	900	0
12/20/2023 10:22	40602 PIGR_T1	0	2	2	0	0.35	0.35	0	0	1	1	0	600	600	0
12/20/2023 10:22	59101 WALK_T2	1	1	0	0	0	0	4.4	4.11	0	2	2	0	1200	1200
12/20/2023 10:23	57403 SPAN_T1	4	26	22	0.2	0.33	0.13	0.21	0.24	0	0	0	0	0	0
12/20/2023 10:24	66702 STRA_T1	0	0	0	0	0	0	0.25	0.17	3	3	0	2700	2700	0
12/20/2023 10:24	27502 WEIS_T2	0	0	0	0	0	0	-0.32	-0.34	0	0	0	0	0	0
12/20/2023 10:24	67502 WEWI_T2	3	2	-1	0.27	0.5	0.23	-3.12	-0.25	3	3	0	2700	2700	0
12/20/2023 10:24	61306 EARL_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/20/2023 10:24	29401 BELT_T1	18	41	23	0.13	0.18	0.05	0	0	1	1	0	900	900	0
12/20/2023 10:24	46003 BERW_T2	1	1	0	1.4	2.3	0.9	0	0	0	0	0	0	0	0
12/20/2023 10:24	44301 BEAV_T2	0	0	0	0	0	0	-0.11	-0.11	2	2	0	1500	1500	0
12/20/2023 10:25	59101 WALK_T2	1	1	0	0	0	0	2.05	2.07	0	1	1	0	600	600
12/20/2023 10:26	61306 EARL_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/20/2023 10:28	40103 HUNT_T2	220	89	-131	0.6	0.43	-0.17	-0.23	-0.2	0	0	0	0	0	0
12/20/2023 10:28	26803 JAFR_T1	0	0	0	0	0	0	-0.29	-0.3	1	1	0	900	900	0
12/20/2023 10:28	29402 BELT_T1	1	2	1	6.9	7	0.1	0	0	0	0	0	0	0	0
12/20/2023 10:28	27502 WEIS_T2	0	0	0	0	0	0	-0.32	-0.34	0	0	0	0	0	0
12/20/2023 10:29	52004 LING_T2	1	1	0	0.4	0	-0.4	0	0	0	0	0	0	0	0
12/20/2023 10:30	52002 LING_T2	0	0	0	0	0	0	-0.14	-0.08	0	0	0	0	0	0
12/20/2023 10:30	16402 MOPO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/20/2023 10:31	52002 LING_T2	0	0	0	0	0	0	-0.14	-0.08	0	0	0	0	0	0
12/20/2023 10:31	46903 MNTG_T2	1	2	1	0.1	0.15	0.05	0.19	0.16	1	1	0	600	600	0
12/20/2023 10:32	48302 ORWI_T2	2	2	0	1.1	0.65	-0.45	-0.06	0.12	0	0	0	0	0	0
12/20/2023 10:32	13302 ORVI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/20/2023 10:33	46903 MNTG_T2	1	2	1	0.1	0.15	0.05	0.19	0.16	1	1	0	600	600	0
12/20/2023 10:34	40603 PIGR_T1	0	1	1	0	0.2	0.2	0	0	0	0	0	0	0	0
12/20/2023 10:34	13302 ORVI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/20/2023 10:34	14403 SSLA_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/20/2023 10:34	16402 MOPO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/20/2023 10:35	67204 TEHE_T2	0	0	0	0	0	0	-0.01	-0.01	0	0	0	0	0	0
12/20/2023 10:36	57401 SPAN_T1	97	114	17	0.31	0.31	0	-1.91	-1.92	2	2	0	1200	1200	0
12/20/2023 10:36	16302 ALPA_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/20/2023 10:38	16302 ALPA_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/20/2023 10:39	66504 SMAN_T2	1	3	2	0.1	0.3	0.2	-0.4	-0.4	0	0	0	0	0	0
12/20/2023 10:39	16302 ALPA_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/20/2023 10:40	16302 ALPA_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/20/2023 10:40	27502 WEIS_T2	0	0	0	0	0	0	-0.34	-0.4	0	0	0	0	0	0
12/20/2023 10:40	56802 BENV_T2	27	20	-7	0.26	0.33	0.07	-1.28	-1.18	0	0	0	0	0	0
12/20/2023 10:41	62604 ENGL_T1	0	0	0	0	0	0	-0.46	-0.38	1	1	0	600	600	0
12/20/2023 10:42	56802 BENV_T2	27	20	-7	0.26	0.33	0.07	-1.28	-1.18	0	0	0	0	0	0
12/20/2023 10:42	40101 HUNT_T2	89	68	-21	0.52	0.47	-0.05	-0.2	-0.16	0	0	0	0	0	0
12/20/2023 10:42	53903 HALI_T2	2	3	1	0.5	0.73	0.23	-0.11	-0.11	0	0	0	0	0	0
12/20/2023 10:44	53903 HALI_T2	2	3	1	0.5	0.73	0.23	-0.11	-0.11	0	0	0	0	0	0
12/20/2023 10:44	27502 WEIS_T2	0	0	0	0	0	0	-0.34	-0.4	0	0	0	0	0	0
12/20/2023 10:44	40101 HUNT_T2	89	68	-21	0.52	0.47	-0.05	-0.2	-0.16	0	0	0	0	0	0
12/20/2023 10:45	46903 MNTG_T2	0	2	2	0	0.35	0.35	0.16	0.15	1	1	0	600	600	0
12/20/2023 10:46	46903 MNTG_T2	0	2	2	0	0.35	0.35	0.16	0.15	1	1	0	600	600	0
12/20/2023 10:49	46801 HEPB_T2	1	0	-1	0.1	0	-0.1	0.74	0.73	0	0	0	0	0	0
12/20/2023 10:50	57402 SPAN_T2	100	177	77	0.15	0.21	0.06	0	0	0	0	0	0	0	0
12/20/2023 10:51	57403 SPAN_T1	26	30	4	0.33	0.31	-0.02	0	0	0	0	0	0	0	0
12/20/2023 10:52	60201 ATGL_T2	0	0	0	0	0	0	0.48	0.44	1	1	0	300	300	0
12/20/2023 10:52	45402 WBLO_T2	2	4	2	0.25	0.25	0	-0.53	-0.51	0	0	0	0	0	0
12/20/2023 10:53	59102 WALK_T2	0	6	6	0	0	0	0	0	0	0	0	0	0	0
12/20/2023 10:53	57404 SPAN_T2	0	0	0	0	0	0	0.6	0.62	1	1	0	1200	1200	0
12/20/2023 10:54	27502 WEIS_T2	0	0	0	0	0	0	-0.4	-0.38	0	0	0	0	0	0
12/20/2023 10:55	44802 EDAN_T2	0	0	0	0	0	0	-2.18	-2.16	1	1	0	1200	1200	0
12/20/2023 10:55	54504 ENOL_T2	0	0	0	0	0	0	-1.03	-1.03	1	1	0	600	600	0
12/20/2023 10:55	61801 EEU_T2	0	0	0	0	0	0	-0.31	-0.31	0	0	0	0	0	0
12/20/2023 10:55	67605 WARW_T1	2	8	6	0.4	0.43	0.03	-1.27	-1.29	0	0	0	0	0	0
12/20/2023 10:55	53903 HALI_T2	3	3	0	0.6	0.83	0.23	-0.11	-0.1	0	0	0	0	0	0
12/20/2023 10:56	40101 HUNT_T2	28	84	56	0.44	0.59	0.15	-0.32	-0.41	0	0	0	0	0	0
12/20/2023 10:56	67502 WEWI_T2	1	2	1	0.7	0.6	-0.1	0	0	0	0	0	0	0	0
12/20/2023 10:57	53903 HALI_T2	3	3	0	0.6	0.83	0.23	-0.11	-0.1	0	0	0	0	0	0
12/20/2023 10:59	44802 EDAN_T2	0	0	0	0	0	0	-2.18	-2.16	1	1	0	1200	1200	0
12/20/2023 11:00	46903 MNTG_T2	2	5	3	0.15	0.28	0.13	0.15	0.15	1	1	0	600	600	0
12/20/2023 11:00	46901 MNTG_T2	0	0	0	0	0	0	0.67	0.69	1	1	0	1200	1200	0
12/20/2023 11:00	53903 HALI_T2	3	3	0	0.73	0.97	0.24	-0.11	-0.1	0	0	0	0	0	0
12/20/2023 11:00	27101 GFLD_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/20/2023 11:01	55105 WERT_T1	0	0	0	0	0	0	-0.52	-0.54	1	1	0	900	900	0
12/20/2023 11:02	46903 MNTG_T2	2	5	3	0.15	0.28	0.13	0.3	0.31	2	2	0	1200	1200	0
12/20/2023 11:03	46903 MNTG_T2	2	5	3	0.15	0.28	0.13	0.15	0.15	1	1	0	600	600	0
12/20/2023 11:03	44801 EDAN_T2	0	1	1	0	0.1	0.1	0	0	0	0	0	0	0	0
12/20/2023 11:04	46903 MNTG_T2	2	5	3	0.15	0.28	0.13	0.15	0.15	1	1	0	600	600	0
12/20/2023 11:04	14401 SSLA_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/20/2023 11:05	44601 SALE_T2	0	0	0	0	0	0	0.78	1.06	0	0	0	0	0	0
12/20/2023 11:05	52501 PROG_T1	2	1	-1	0.3	0.5	0.2	0.35	0.38	1	1	0	300	300	0
12/20/2023 11:05	54001 SDLE_T1	4	8	4	0.63	0.9	0.27	0	0	0	0	0	0	0	0
12/20/2023 11:06	14401 SSLA_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/20/2023 11:06	54001 SDLE_T1	4	8	4	0.63	0.9	0.27	0	0	0	0	0	0	0	0
12/20/2023 11:07	57401 SPAN_T1	37	4	-33	0.26	0.63	0.37	0	0	0	0	0	0	0	0
12/20/2023 11:07	54001 SDLE_T1	4	8	4	0.63	0.9	0.27	0	0	0	0	0	0	0	0
12/20/2023 11:08	41601 CLEV_T1	1	1	0	0.3	0.9	0.6	0	0	0	0	0	0	0	0
12/20/2023 11:09	57403 SPAN_T1	20	27	7	0.3	0.3	0	0	0	0	0	0	0	0	0
12/20/2023 11:09	51602 DUKE_T2	1	1	0	0.5	0.6	0.1	0	0	0	0	0	0	0	0
12/20/2023 11:11	46003 BERW_T2	1	1	0	1.9	2.7	0.8	0	0	0	0	0	0	0	0
12/20/2023 11:11	65003 NEFF_T2	1	3	2	0.1	0.17	0.07	0	0	0	0	0	0	0	0
12/20/2023 11:11	60803 BUCK_T1	0	1	1	0	0.2	0.2	-0.69	-0.75	1	1	0	600	600	0
12/20/2023 11:12	60803 BUCK_T1	0	1	1	0	0.2	0.2	-0.69	-0.75	1	1	0	600	600	0
12/20/2023 11:13	51602 DUKE_T2	1	1	0	0.5	0.6	0.1	0	0	0	0	0	0	0	0
12/20/2023 11:13	61801 EEU_T2	0	1	1	0	0.2	0.2	-0.62	-0.53	0	0	0	0	0	0
12/20/2023 11:15	42902 MIDD_T2	2	2	0	0.25	0.35	0.1	0	0	0	0	0	0	0	0
12/20/2023 11:16	64801 MONE_T2	3	13	10	0.17	0.14	-0.03	0.45	0.43	0	0	0	0	0	0
12/20/2023 11:16	47802 MOCA_T2	0	0	0	0	0	0	-0.79	-0.78	0	0	0	0	0	0
12/20/2023 11:17	64204 KINZ_T1	1	1	0	1	1.1	0.1	0	0	0	0	0	0	0	0
12/20/2023 11:17	65503 MOJO_T2	0	140	140	0	0.17	0.17	-1.19	-1.23	1	1	0	900	900	0
12/20/2023 11:18	65502 MOJO_T2	1	261	260	0.1	0.21	0.11	0	0	0	0	0	0	0	0
12/20/2023 11:18	46901 MNTG_T2	0	0	0	0	0	0	0.69	0.67	1	1	0	1200	1200	0
12/20/2023 11:19	54206 PENN_T2	0	2	2	0	0.1	0.1	0	0	0	0	0	0	0	0
12/20/2023 11:21	66702 STRA_T1	1	1	0	0.2	0.2	0	0	0	0	0	0	0	0	0
12/20/2023 11:22	29401 BELT_T1	0	0	0	0	0	0	0	0	1	1	0	900	900	0
12/20/2023 11:22	57403 SPAN_T1	27	12	-15	0.3	0.27	-0.03	0	0	0	0	0	0	0	0
12/20/2023 11:22	67502 WEWI_T2	2	2	0	0.6	0.75	0.15	-0.2	-0.29	0	0	0	0	0	0
12/20/2023 11:22	56501 ROCK_T2	1	1	0	0.7	0.3	-0.4	-0.83	-0.84	0	0	0	0	0	0
12/20/2023 11:22	67501 WEWI_T1	0	0	0	0	0	0	-2.04	-2.12	2	2	0	1200	1200	0
12/20/2023 11:23	66703 STRA_T1	1	6	5	0.1	0.32	0.22	0	0	0	0	0	0	0	0
12/20/2023 11:23	57403 SPAN_T1	27	12	-15	0.3	0.27	-0.03	0.17	0.18	0	0	0	0	0	0
12/20/2023 11:24	57401 SPAN_T1	4	8	4	0.63	0.35	-0.28	0	0	0	0	0	0	0	0
12/20/2023 11:25	57402 SPAN_T2	170	122	-48	0.22	0.17	-0.05	-1.19	-1.2	0	0	0	0	0	0
12/20/2023 11:25	67401 WAKE_T2	0	1	1	0	0.1	0.1	-1.1	-1.09	0	0	0	0	0	0
12/20/2023 11:25	67503 WEWI_T2	0	0	0	0	0	0	-0.15	-0.15	0	0	0	0	0	0
12/20/2023 11:25	43001 ALWD_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/20/2023 11:26	41601 CLEV_T1	1	1	0	0.9	0.8	-0.1	0	0	0	0	0	0	0	0
12/20/2023 11:26	67503 WEWI_T2	0	0	0	0	0	0	-0.15	-0.15	0	0	0	0	0	0
12/20/2023 11:26	67503 WEWI_T2	0	0	0	0	0	0	-0.15	-0.15	0	0	0	0	0	0
12/20/2023 11:27	54502 ENOL_T2	0	1	1	0	0.3	0.3	0	0	0	0	0	0	0	0
12/20/2023 11:28	54502 ENOL_T2	0	1	1	0	0.3	0.3	0	0	0	0	0	0	0	0
12/20/2023 11:28	41601 CLEV_T1	1	1	0	0.9	0.8	-0.1	0	0	0	0	0	0	0	0
12/20/2023 11:30	52101 MEIS_T1	1	1	0	0.1	0.2	0.1	0	0	0	0	0	0	0	0
12/20/2023 11:31	47403 PENS_T1	1	6	5	0.5	0.37	-0.13	0	0	0	0	0	0	0	0
12/20/2023 11:31	45702 LIND_T2	1	37	36	1.7	0.22	-1.48	-0.35	-0.37	0	0	0	0	0	0
12/20/2023 11:32	40601 PIGR_T1	56	84	28	0.21	0.2	-0.01	0	0	0	0	0	0	0	0
12/20/2023 11:32	54202 PENN_T2	0	0	0	0	0	0	0.68	0.68	0	0	0	0	0	0
12/20/2023 11:32	64802 MONE_T2	68	50	-18	0.39	0.37	-0.02	0	0	0	0	0	0	0	0
12/20/2023 11:32	65003 NEFF_T2	3	1	-2	0.17	0.3	0.13	0	0	0	0	0	0	0	0
12/20/2023 11:33	47401 PENS_T1	0	1	1	0	1.2	1.2	0.85	0.85	0	0	0	0	0	0
12/20/2023 11:33	64801 MONE_T2	13	4	-9	0.14	0.13	-0.01	0	0	0	0	0	0	0	0
12/20/2023 11:34	47401 PENS_T1	0	1	1	0	1.2	1.2	0.85	0.85	0	0	0	0	0	0
12/20/2023 11:34	52102 MEIS_T1	0	0	0	0	0	0	0	0	1	1	0	450	450	0
12/20/2023 11:34	41902 REED_T1	0	2	2	0	0.2	0.2	0.33	0.31	1	1	0	900	900	0
12/20/2023 11:35	14401 SSLA_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/20/2023 11:35	47403 PENS_T1	1	6	5	0.5	0.37	-0.13	0	0	0	0	0	0	0	0
12/20/2023 11:35	13704 SCHN_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/20/2023 11:36	14401 SSLA_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/20/2023 11:36	56504 ROCK_T2	0	0	0	0	0	0	-0.08	-0.3	0	0	0	0	0	0
12/20/2023 11:36	41902 REED_T1	0	2	2	0	0.2	0.2	0.66	0.62	2	2	0	1800	1800	0
12/20/2023 11:36	67103 SPRI_T1	0	0	0	0	0	0	-0.05	-0.06	0	0	0	0	0	0
12/20/2023 11:36	13704 SCHN_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/20/2023 11:37	14401 SSLA_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/20/2023 11:37	13704 SCHN_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/20/2023 11:37	56504 ROCK_T2	0	0	0	0	0	0	-0.15	-0.61	0	0	0	0	0	0
12/20/2023 11:37	14403 SSLA_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/20/2023 11:38	65003 NEFF_T2	3	1	-2	0.17	0.3	0.13	0	0	0	0	0	0	0	0
12/20/2023 11:38	56501 ROCK_T2	1	1	0	0.3	0.1	-0.2	0	0	0	0	0	0	0	0
12/20/2023 11:39	56501 ROCK_T2	1	1	0	0.3	0.1	-0.2	0	0	0	0	0	0	0	0
12/20/2023 11:40	56501 ROCK_T2	1	1	0	0.3	0.1	-0.2	0	0	0	0	0	0	0	0
12/20/2023 11:42	53903 HALI_T2	3	3	0	0.97	1.13	0.16	-0.16	-0.22	0	0	0	0	0	0
12/20/2023 11:43	53903 HALI_T2	3	3	0	0.97	1.13	0.16	0	0	0	0	0	0	0	0
12/20/2023 11:44	52002 LING_T2	0	0	0	0	0	0	-0.16	-0.14	0	0	0	0	0	0
12/20/2023 11:45	52002 LING_T2	0	0	0	0	0	0	-0.16	-0.14	0	0	0	0	0	0
12/20/2023 11:46	42903 MIDD_T2	0	0	0	0	0	0	0.59	0.66	1	1	0	1200	1200	0
12/20/2023 11:47	52004 LING_T2	1	1	0	0.1	0	-0.1	0	0	0	0	0	0	0	0
12/20/2023 11:48	40601 PIGR_T1	77	70	-7	0.2	0.21	0.01	0	0	0	0	0	0	0	0
12/20/2023 11:48	39601 LNFD_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/20/2023 11:49	59301 MCAL_T1	6	8	2	0.5	0.8	0.3	0	0	0	0	0	0	0	0
12/20/2023 11:49	54206 PENN_T2	2	3	1	0.1	0.17	0.07	0.03	0.05	0	0	0	0	0	0
12/20/2023 11:50	13704 SCHN_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/20/2023 11:50	41901 REED_T1	11	11	0	1.03	1.35	0.32	0	0	0	0	0	0	0	0
12/20/2023 11:51	13704 SCHN_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/20/2023 11:54	40101 HUNT_T2	114	99	-15	0.62	0.38	-0.24	-0.73	-0.65	0	0	0	0	0	0
12/20/2023 11:54	60201 ATGL_T2	0	0	0	0	0	0	0.36	0.27	1	1	0	300	300	0
12/20/2023 11:54	44301 BEAV_T2	0	0	0	0	0	0	0.05	-0.71	2	2	0	1500	1500	0
12/20/2023 11:56	54505 ENOL_T2	1	1	0	0.8	1	0.2	0	0	0	0	0	0	0	0
12/20/2023 11:57	44301 BEAV_T2	0	0	0	0	0	0	0.05	-0.71	2	2	0	1500	1500	0
12/20/2023 11:57	54502 ENOL_T2	1	1	0	0.3	0.5	0.2	-2.03	-2.03	1	1	0	600	600	0
12/20

Appendix C - Grid Benefits Achieved in Each Instance of Active Management

12/20/2023 12:51	14401 SSLA_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/20/2023 12:52	41901 REED_T1	11	11	0	0.92	0.88	-0.04	0	0	0	0	0	0	0	0
12/20/2023 12:55	51102 CARL_T1	4	5	1	0.2	0.18	-0.02	0	0	0	0	0	0	0	0
12/20/2023 12:56	14403 SSLA_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/20/2023 12:56	44301 BEAV_T2	0	0	0	0	0	0	0.27	0.21	2	2	0	1500	1500	0
12/20/2023 12:57	51107 CARL_T1	0	0	0	0	0	0	0.18	0.36	0	0	0	0	0	0
12/20/2023 12:58	52002 LING_T2	0	0	0	0	0	0	-0.2	-0.22	0	0	0	0	0	0
12/20/2023 12:59	49804 UNIV_T1	1	0	0	-1	3.4	0	-3.4	0	0	0	0	0	0	0
12/20/2023 13:00	59003 MIFF_T1	0	0	0	0	0	0	-0.93	-0.29	0	0	0	0	0	0
12/20/2023 13:01	65003 NEFF_T2	3	7	4	0.1	0.29	0.19	0	0	0	0	0	0	0	0
12/20/2023 13:02	41902 REED_T1	0	0	0	0	0	0	0.28	0.27	1	1	0	900	900	0
12/20/2023 13:03	52004 LING_T2	1	1	0	0.4	0.3	-0.1	0	0	0	0	0	0	0	0
12/20/2023 13:04	41901 REED_T1	11	11	0	0.88	1.17	0.29	0	0	0	0	0	0	0	0
12/20/2023 13:05	47403 PENS_T1	1	1	0	1	0.7	-0.3	0	0	0	0	0	0	0	0
12/20/2023 13:06	47403 PENS_T1	1	1	0	1	0.7	-0.3	0	0	0	0	0	0	0	0
12/20/2023 13:12	61001 DONV_T1	0	0	0	0	0	0	0.04	0.61	0	0	0	0	0	0
12/20/2023 13:15	49803 UNIV_T1	0	0	0	0	0	0	-1.07	-1.09	0	0	0	0	0	0
12/20/2023 13:28	48901 FOSP_T2	0	0	0	0	0	0	0.01	-0.05	1	1	0	600	600	0
12/20/2023 13:32	45702 LIND_T2	1	1	0	0.8	1.2	0.4	-0.41	-0.42	0	0	0	0	0	0
12/20/2023 13:34	50501 MECH_T1	4	4	0	0.78	0.93	0.15	0	0	0	0	0	0	0	0
12/20/2023 13:43	50102 HARR_T3	0	1	1	0	0.1	0.1	0	0	0	0	0	0	0	0
12/20/2023 13:47	47401 PENS_T1	0	1	1	0	0.5	0.5	-0.47	-0.46	0	0	0	0	0	0
12/20/2023 13:54	65003 NEFF_T2	7	4	-3	0.29	0.15	-0.14	0	0	0	0	0	0	0	0
12/20/2023 13:58	40101 HUNT_T2	49	12	-37	0.34	0.38	0.04	-0.23	-0.24	0	0	0	0	0	0
12/20/2023 14:02	50506 MECH_T1	0	0	0	0	0	0	0.03	0.04	0	0	0	0	0	0
12/20/2023 14:04	14403 SSLA_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/20/2023 14:04	61303 EARL_T1	0	0	0	0	0	0	1.06	0.71	0	0	0	0	0	0
12/20/2023 14:07	61103 BERK_T5	0	0	0	0	0	0	0.09	0.05	0	0	0	0	0	0
12/20/2023 14:07	67103 SPRI_T1	0	0	0	0	0	0	-0.05	-0.05	0	0	0	0	0	0
12/20/2023 14:09	65003 NEFF_T2	4	4	0	0.1	0.15	0.05	0	0	0	0	0	0	0	0
12/20/2023 14:11	61103 BERK_T5	0	0	0	0	0	0	0.05	0.07	0	0	0	0	0	0
12/20/2023 14:12	54505 ENOL_T2	1	1	0	1	1.1	0.1	0	0	0	0	0	0	0	0
12/20/2023 14:13	54505 ENOL_T2	1	1	0	1	1.1	0.1	0	0	0	0	0	0	0	0
12/20/2023 14:14	54502 ENOL_T2	1	1	0	0.3	0.2	-0.1	0	0	0	0	0	0	0	0
12/20/2023 14:14	41801 GOCI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/20/2023 14:15	54502 ENOL_T2	0	1	1	0	0.2	0.2	-2	-2	1	1	0	600	600	0
12/20/2023 14:15	59003 MIFF_T1	0	0	0	0	0	0	1.11	0.12	0	0	0	0	0	0
12/20/2023 14:15	54502 ENOL_T2	0	1	1	0	0.2	0.2	-2	-2	1	1	0	600	600	0
12/20/2023 14:15	12701 MACU_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/20/2023 14:16	64301 LINC_T1	0	0	0	0	0	0	0.01	-0.01	1	1	0	600	600	0
12/20/2023 14:16	65503 MOJO_T2	0	0	0	0	0	0	-0.31	-0.38	0	0	0	0	0	0
12/20/2023 14:18	12701 MACU_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/20/2023 14:19	47403 PENS_T1	1	1	0	0.9	1.9	1	0	0	0	0	0	0	0	0
12/20/2023 14:19	43201 MVIL_T2	0	0	0	0	0	0	-0.35	-0.3	0	0	0	0	0	0
12/20/2023 14:19	43202 MVIL_T2	0	0	0	0	0	0	-1.12	-1.12	0	0	0	0	0	0
12/20/2023 14:19	59002 MIFF_T1	0	1	1	0	0	0	0	0	0	0	0	0	0	0
12/20/2023 14:20	65003 NEFF_T2	3	7	4	0.17	0.17	0	0	0	0	0	0	0	0	0
12/20/2023 14:20	47403 PENS_T1	1	1	0	0.9	1.9	1	0	0	0	0	0	0	0	0
12/20/2023 14:20	59003 MIFF_T1	0	0	0	0	0	0	0.55	0.06	0	0	0	0	0	0
12/20/2023 14:20	48302 ORWI_T2	2	2	0	0.8	0.7	-0.1	0.11	0.11	0	0	0	0	0	0
12/20/2023 14:20	43202 MVIL_T2	0	0	0	0	0	0	-0.56	-0.56	0	0	0	0	0	0
12/20/2023 14:20	61303 EARL_T1	0	0	0	0	0	0	0.71	0.44	0	0	0	0	0	0
12/20/2023 14:21	54202 PENN_T2	4	15	11	0.1	0.12	0.02	0.73	0.71	0	0	0	0	0	0
12/20/2023 14:21	67503 WEWI_T2	0	0	0	0	0	0	-0.3	-0.32	0	0	0	0	0	0
12/20/2023 14:21	47403 PENS_T1	1	1	0	0.9	1.9	1	0	0	0	0	0	0	0	0
12/20/2023 14:21	67502 WEWI_T2	0	0	0	0	0	0	-0.19	-0.15	0	0	0	0	0	0
12/20/2023 14:21	65503 MOJO_T2	0	0	0	0	0	0	-0.31	-0.38	0	0	0	0	0	0
12/20/2023 14:23	67103 SPRI_T1	0	0	0	0	0	0	-0.05	-0.05	0	0	0	0	0	0
12/20/2023 14:24	20402 ASHF_T2	0	1	1	0	0	0	0	0	0	0	0	0	0	0
12/20/2023 14:24	67503 WEWI_T2	0	0	0	0	0	0	-0.32	-0.17	0	0	0	0	0	0
12/20/2023 14:25	67503 WEWI_T2	0	0	0	0	0	0	-0.32	-0.17	0	0	0	0	0	0
12/20/2023 14:26	67502 WEWI_T2	0	0	0	0	0	0	-0.74	-0.92	0	0	0	0	0	0
12/20/2023 14:26	67503 WEWI_T2	0	0	0	0	0	0	-0.32	-0.17	0	0	0	0	0	0
12/20/2023 14:26	54505 ENOL_T2	1	1	0	1	1.1	0.1	-2.56	-2.59	2	2	0	1200	1200	0
12/20/2023 14:26	53601 DALM_T2	0	1	1	0	0.8	0.8	-0.61	-0.75	1	1	0	900	900	0
12/20/2023 14:26	60201 ATGL_T2	0	0	0	0	0	0	0.21	0.21	1	1	0	300	300	0
12/20/2023 14:26	67501 WEWI_T1	0	0	0	0	0	0	-0.97	-1.06	0	0	0	0	0	0
12/20/2023 14:28	54505 ENOL_T2	1	1	0	1	1.1	0.1	0	0	0	0	0	0	0	0
12/20/2023 14:29	54505 ENOL_T2	1	1	0	1	1.1	0.1	-1.28	-1.3	1	1	0	600	600	0
12/20/2023 14:29	54505 ENOL_T2	1	1	0	1	1.1	0.1	-1.28	-1.3	1	1	0	600	600	0
12/20/2023 14:30	20403 ASHF_T2	0	0	0	0	0	0	0.22	0.24	0	0	0	0	0	0
12/20/2023 14:30	53903 HAU_T2	2	2	0	1.05	1.1	0.05	-0.13	-0.11	0	0	0	0	0	0
12/20/2023 14:30	41801 GOCI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/20/2023 14:31	64203 KINZ_T1	0	0	0	0	0	0	0.11	0.29	2	2	0	1800	1800	0
12/20/2023 14:31	53901 HAU_T2	1	0	-1	0.2	0	-0.2	0	0	0	0	0	0	0	0
12/20/2023 14:31	12701 MACU_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/20/2023 14:32	54206 PENN_T2	6	7	1	0.22	0.23	0.01	0	0	0	0	0	0	0	0
12/20/2023 14:32	61303 EARL_T1	0	0	0	0	0	0	0.22	0.29	0	0	0	0	0	0
12/20/2023 14:33	12701 MACU_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/20/2023 14:34	47402 PENS_T1	121	120	-1	3.28	4.06	0.78	0	0	0	0	0	0	0	0
12/20/2023 14:34	43202 MVIL_T2	0	0	0	0	0	0	-1.12	-1.1	0	0	0	0	0	0
12/20/2023 14:35	47401 PENS_T1	1	2	1	0.1	0.55	0.45	-0.42	-0.47	0	0	0	0	0	0
12/20/2023 14:35	43202 MVIL_T2	0	0	0	0	0	0	-0.56	-0.55	0	0	0	0	0	0
12/20/2023 14:35	14403 SSLA_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/20/2023 14:35	61303 EARL_T1	0	0	0	0	0	0	0.22	0.29	0	0	0	0	0	0
12/20/2023 14:36	61303 EARL_T1	0	0	0	0	0	0	0.22	0.29	0	0	0	0	0	0
12/20/2023 14:36	67605 WARW_T1	5	9	4	0.2	0.16	-0.04	-1.12	-1.19	0	0	0	0	0	0
12/20/2023 14:36	47403 PENS_T1	1	1	0	1.3	1.9	0.6	0	0	0	0	0	0	0	0
12/20/2023 14:37	67502 WEWI_T2	0	0	0	0	0	0	-0.15	-0.18	0	0	0	0	0	0
12/20/2023 14:37	60201 ATGL_T2	0	0	0	0	0	0	0.21	0.21	1	1	0	300	300	0
12/20/2023 14:37	67502 WEWI_T2	0	0	0	0	0	0	-0.15	-0.18	0	0	0	0	0	0
12/20/2023 14:38	67103 SPRI_T1	0	0	0	0	0	0	-0.05	-0.04	0	0	0	0	0	0
12/20/2023 14:40	67503 WEWI_T2	0	0	0	0	0	0	-0.33	-0.62	0	0	0	0	0	0
12/20/2023 14:41	54505 ENOL_T2	1	1	0	1	1.1	0	0	0	0	0	0	0	0	0
12/20/2023 14:42	60201 ATGL_T2	0	0	0	0	0	0	0.21	0.19	1	1	0	300	300	0
12/20/2023 14:42	54505 ENOL_T2	1	1	0	1	1.1	0	0	0	0	0	0	0	0	0
12/20/2023 14:42	52403 GRPA_T2	1	1	0	0.2	0	-0.2	0.16	0.16	0	0	0	0	0	0
12/20/2023 14:43	54505 ENOL_T2	1	1	0	1	1.1	0	0	0	0	0	0	0	0	0
12/20/2023 14:43	13503 MCMI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/20/2023 14:44	41801 GOCI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/20/2023 14:45	43202 MVIL_T2	0	1	1	0	0	0	-0.55	-0.56	0	0	0	0	0	0
12/20/2023 14:46	52404 GRPA_T2	0	1	1	0	0.7	0.7	0	0	0	0	0	0	0	0
12/20/2023 14:46	41801 GOCI_T2	0	1	1	0	0.2	0.2	0	0	0	0	0	0	0	0
12/20/2023 14:46	52101 MEIS_T1	1	1	0	0.5	0.2	-0.3	0	0	0	0	0	0	0	0
12/20/2023 14:46	46001 BERW_T1	0	0	0	0	0	0	1.16	1.14	0	0	0	0	0	0
12/20/2023 14:47	64802 MONE_T2	2	15	13	0.15	0.13	-0.02	0.03	0.02	0	0	0	0	0	0
12/20/2023 14:47	52402 GRPA_T2	5	9	4	1.38	1.16	-0.22	0	0	0	0	0	0	0	0
12/20/2023 14:47	12701 MACU_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/20/2023 14:47	64204 KINZ_T1	1	1	0	1.1	1	-0.1	0	0	0	0	0	0	0	0
12/20/2023 14:47	46001 BERW_T1	0	0	0	0	0	0	1.16	1.14	0	0	0	0	0	0
12/20/2023 14:48	40602 PIGR_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/20/2023 14:49	47403 PENS_T1	1	1	0	1.9	2.1	0.2	0	0	0	0	0	0	0	0
12/20/2023 14:49	43202 MVIL_T2	0	1	1	0	0	0	-0.55	-0.56	0	0	0	0	0	0
12/20/2023 14:50	40602 PIGR_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/20/2023 14:50	46001 BERW_T1	0	0	0	0	0	0	1.16	1.14	0	0	0	0	0	0
12/20/2023 14:50	54502 ENOL_T2	1	1	0	0.2	0.3	0.1	-2.02	-2.05	1	1	0	600	600	0
12/20/2023 14:51	46001 BERW_T1	0	0	0	0	0	0	1.16	1.14	0	0	0	0	0	0
12/20/2023 14:52	47401 PENS_T1	2	1	-1	0.55	0.6	0.05	-0.47	-0.47	0	0	0	0	0	0
12/20/2023 14:52	57403 SPAN_T1	8	12	4	0.23	0.28	0.05	0.11	0.11	0	0	0	0	0	0
12/20/2023 14:53	43001 ALWD_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/20/2023 14:53	10602 BLGL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/20/2023 14:57	65001 NEFF_T2	1	1	0	0.1	0.1	0	-0.63	-0.68	1	1	0	1200	1200	0
12/20/2023 14:57	60101 COCA_T1	0	0	0	0	0	0	0.37	0.35	0	0	0	0	0	0
12/20/2023 14:58	53601 DALM_T2	1	1	0	0.8	0.9	0.1	-0.65	-0.88	1	1	0	900	900	0
12/20/2023 14:59	60101 COCA_T1	0	0	0	0	0	0	0.37	0.35	0	0	0	0	0	0
12/20/2023 15:02	44601 SALE_T2	0	0	0	0	0	0	0.72	0.51	1	1	0	600	600	0
12/20/2023 15:02	40902 JESH_T1	0	0	0	0	0	0	-0.68	-0.71	0	0	0	0	0	0
12/20/2023 15:03	46901 MNTG_T2	0	0	0	0	0	0	-0.36	0.03	1	1	0	1200	1200	0
12/20/2023 15:04	56504 ROCK_T2	0	0	0	0	0	0	-0.34	-0.17	0	0	0	0	0	0
12/20/2023 15:06	20403 ASHF_T2	0	0	0	0	0	0	0.2	0.23	0	0	0	0	0	0
12/20/2023 15:08	56504 ROCK_T2	0	0	0	0	0	0	-0.34	-0.17	0	0	0	0	0	0
12/20/2023 15:09	66505 SMAN_T2	3	3	0	1.17	1.23	0.06	-0.29	-0.35	2	2	0	1100	1100	0
12/20/2023 15:10	40502 CRES_T2	0	0	0	0	0	0	-0.34	-0.42	0	0	0	0	0	0
12/20/2023 15:10	67401 WAKE_T2	0	0	0	0	0	0	-1.13	-1.14	0	0	0	0	0	0
12/20/2023 15:12	40502 CRES_T2	0	0	0	0	0	0	-1.24	-1.54	0	0	0	0	0	0
12/20/2023 15:14	40502 CRES_T2	0	0	0	0	0	0	-0.34	-0.42	0	0	0	0	0	0
12/20/2023 15:19	60604 NCOL_T2	0	0	0	0	0	0	0.33	0.26	0	0	0	0	0	0
12/20/2023 15:20	60602 NCOL_T2	2	0	-2	0.5	0	-0.5	0	0	0	0	0	0	0	0
12/20/2023 15:20	58302 NOTT_T1	0	0	0	0	0	0	0	-0.32	-0.3	1	1	0	1200	1200
12/20/2023 15:23	65901 SAKR_T2	1	1	0	9	9.8	0.8	0	0	0	0	0	0	0	0
12/20/2023 15:28	54505 ENOL_T2	1	1	0	1.1	1	-0.1	0	0	0	0	0	0	0	0
12/20/2023 15:30	13503 MCMI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/20/2023 15:33	64101 REFR_T1	0	0	0	0	0	0	-0.05	-0.03	0	0	0	0	0	0
12/20/2023 15:36	64101 REFR_T1	0	0	0	0	0	0	-0.11	-0.05	0	0	0	0	0	0
12/20/2023 15:37	64101 REFR_T1	0	0	0	0	0	0	-0.11	-0.05	0	0	0	0	0	0
12/20/2023 15:40	40101 HUNT_T2	12	1	-11	0.67	0	-0.67	-0.56	-0.57	0	0	0	0	0	0
12/20/2023 15:44	40101 HUNT_T2	12	1	-11	0.67	0	-0.67	-1.13	-1.13	0	0	0	0	0	0
12/20/2023 15:45	64204 KINZ_T1	1	1	0	1.1	0.9	-0.2	0	0	0	0	0	0	0	0
12/20/2023 15:46	52004 LING_T2	1	1	0	1.3	0.8	-0.5	0	0	0	0	0	0	0	0
12/20/2023 16:00	65003 NEFF_T2	3	47	44	0.2	0.13	-0.07	0	0	0	0	0	0	0	0
12/20/2023 16:05	54601 SUMM_T2	9	6	-3	0.52	0.4	-0.12	-1.96	-1.94	2	2	0	2100	2100	0
12/20/2023 16:05	64101 REFR_T1	0	0	0	0	0	0	-0.01	-0.03	0	0	0	0	0	0
12/20/2023 16:06	54602 SUMM_T2	4	0	-4	0.18	0	-0.18	0	0	0	0	0	0	0	0
12/20/2023 16:06	64101 REFR_T1	0	0	0	0	0	0	-0.01	-0.03	0	0	0	0	0	0
12/20/2023 16:07	64101 REFR_T1	0	0	0	0	0	0	-0.02	-0.06	0	0	0	0	0	0
12/20/2023 16:07	54601 SUMM_T2	9	6	-3	0.52	0.4	-0.12	-1.96	-1.94	2	2	0	2100	2100	0
12/20/2023 16:08	64101 REFR_T1	0	0	0	0	0	0	-0.01	-0.03	0	0	0	0	0	0
12/20/2023 16:09	54601 SUMM_T2	9	6	-3	0.52	0.4	-0.12	-3.88	-3.91	4	4	0	4200	4200	0
12/20/2023 16:18	48302 ORWI_T2	23	23	0	0.46	0.54	0.08	0.06	0.05	0	0	0	0	0	0
12/20/2023 16:19	52102 MEIS_T1	0	0	0	0	0	0	0	0	1	1	0	450	450	0
12/20/2023 16:36	49803 UNIV_T1	0	0	0	0	0	0	-1	-0.99	0	0	0	0	0	0
12/20/2023 16:40	45802 HEGI_T2	0	1	1	0	0	0	0.96	0.8	0	0	0	0	0	0
12/20/2023 16:41	11104 EGYP_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/20/2023 16:42	45802 HEGI_T2	0	1	1	0	0	0	0.96	0.8	0	0	0	0	0	0
12/20/2023 16:52	65003 NEFF_T2	3	1	-2	0.13	0.1	-0.03	0	0	0	0	0	0	0	0
12/20/2023 16:52	60305 TWVA_T2	0	0	0	0	0	0	-1.41	-1.45	2	2	0	2400	2400	0
12/20/2023 16:56	52403 GRPA_T2	1	5	4	0.6	0.57	-0.03	0.27	0.2	0	0	0	0	0	0
12/20/2023 17:03	50201 HARR_T3	2	1	-1	4.2	7.4	3.2	-0.81	-0.81	1	1	0	1200	1200	0
12/20/2023 17:07	55101 WERT_T1	1	0	-1	0.4	0	-0.4	-1.06	-1.98	3	3	0	2400	2400	0
12/20/2023 17:08	55101 WERT_T1	1	0	-1	0.4	0	-0.4	-2.12	-3.96	6	6	0	4800	4800	0
12/20/2023 17:09	55101 WERT_T1	1	0	-1	0.4	0	-0.4	-1.98	-1.93	3	3	0	2400	2400	0
12/20/2023 17:09	42701 AUGU_T1	8	8	0	0.46	0.1	-0.36	0	0	1	1	0	600	600	0
12/20/2023 17:10	57401 SPAN_T1	2	2	0	0.45	0.2	-0.25	0	0	0	0	0	0	0	0
12/20/2023 17:11	55101 WERT_T1	1	0	-1	0.4	0	-0.4	-1.98	-1.93	3	3	0	2400	2400	0
12/20/2023 17:22	40201 BEGA_T2	0	1	1	0	0	0	0	0	0	0	0	0	0	0
12/20/2023 17:26	40201 BEGA_T2	0	1	1	0	0	0	0	0	0	0	0	0	0	0
12/20/2023 17:41	42701 AUGU_T1	3	5	2	0.3	0	-0.3	0	0	1	1	0	600	600	0
12/20/2023 18:12	60803 BUCK_T1	0	0	0	0	0	0	-0.65	-0.62	1	1	0	600	600	0
12/20/2023 18:13	10602 BLGL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/20/2023 18:16	65001 NEFF_T2	0	0	0	0	0	0	-0.81	-0.8	1	1	0	1200	1200	0
12/20/

Appendix C - Grid Benefits Achieved in Each Instance of Active Management

12/20/2023 18:46	47402 PENS_T1	1	2	1	0.8	0.3	-0.5	0	0	0	0	0	0	0
12/20/2023 18:46	49804 UNIV_T1	1	1	0	1.5	0.8	-0.7	0	0	0	0	0	0	0
12/20/2023 18:46	46001 BERW_T1	0	0	0	0	0	0	1.06	1.04	0	0	0	0	0
12/20/2023 18:46	44301 BEAV_T2	0	1	1	0	0	0	-0.17	-0.09	1	1	0	600	600
12/20/2023 18:46	39601 LNFD_T1	24	11	-13	1.31	0	-1.31	0	0	0	0	0	0	0
12/20/2023 18:46	40101 HUNT_T2	181	191	10	0.62	0.55	-0.07	-1.13	-1.13	0	0	0	0	0
12/20/2023 18:46	54601 SUMM_T2	0	0	0	0	0	0	-1.86	-1.78	2	2	0	2100	2100
12/20/2023 18:47	47402 PENS_T1	1	2	1	0.8	0.3	-0.5	0	0	0	0	0	0	0
12/20/2023 18:47	67001 STHI_T2	1	1	0	0.5	0.5	0	0	0	0	0	0	0	0
12/20/2023 18:47	14403 SSLA_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
12/20/2023 18:47	61303 EARL_T1	0	0	0	0	0	0	0.28	0.27	0	0	0	0	0
12/20/2023 18:47	44601 SALE_T2	0	0	0	0	0	0	0.06	0.06	0	0	0	0	0
12/20/2023 18:47	46901 MNTG_T2	0	0	0	0	0	0	-0.17	-0.17	1	1	0	1200	1200
12/20/2023 18:48	27502 WEIS_T2	2	0	-2	0.3	0	-0.3	-0.34	-0.35	0	0	0	0	0
12/20/2023 18:48	46003 BERW_T2	3	3	0	0.7	0.5	-0.2	0	0	0	0	0	0	0
12/20/2023 18:48	12701 MACU_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
12/20/2023 18:48	13704 SCHN_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
12/20/2023 18:48	41602 CLEV_T1	0	1	1	0	0	0	0	0	0	0	0	0	0
12/20/2023 18:48	40502 CRES_T2	6	7	1	0.15	0.19	0.04	-0.57	-0.57	0	0	0	0	0
12/20/2023 18:48	46903 MNTG_T2	0	0	0	0	0	0	-0.2	-0.19	1	1	0	600	600
12/20/2023 18:48	44801 EDAN_T2	0	1	1	0	0.3	0.3	0	0	0	0	0	0	0
12/20/2023 18:48	64201 KINZ_T1	125	140	15	0.49	0.67	0.18	0	0	0	0	0	0	0
12/20/2023 18:48	67502 WEWI_T2	0	0	0	0	0	0	-1.26	-1.29	1	1	0	900	900
12/20/2023 18:48	54001 SDLE_T1	1	1	0	0.6	0.6	0	0	0	0	0	0	0	0
12/20/2023 18:48	20403 ASHF_T2	0	0	0	0	0	0	0.52	0.54	0	0	0	0	0
12/20/2023 18:48	51604 DUKE_T2	0	0	0	0	0	0	-1.58	-1.6	1	1	0	900	900
12/20/2023 18:48	67502 WEWI_T2	0	0	0	0	0	0	-1.26	-1.29	1	1	0	900	900
12/20/2023 18:48	60803 BUCK_T1	0	0	0	0	0	0	-0.63	-0.69	1	1	0	600	600
12/20/2023 18:48	29401 BELT_T1	17	4	-13	0.14	0.13	-0.01	0	0	1	1	0	900	900
12/20/2023 18:48	67501 WEWI_T1	0	0	0	0	0	0	-1.18	-1.15	1	1	0	600	600
12/20/2023 18:48	67605 WARW_T1	0	0	0	0	0	0	-1.12	-1.16	0	0	0	0	0
12/20/2023 18:48	42201 SHEN_T2	0	1	1	0	0	0	-0.08	-0.02	1	1	0	600	600
12/20/2023 18:48	14702 TREX_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
12/20/2023 18:49	67503 WEWI_T2	0	0	0	0	0	0	-0.02	-0.03	0	0	0	0	0
12/20/2023 18:49	43401 BENT_T1	0	1	1	0	0	0	0	0	0	0	0	0	0
12/20/2023 18:49	59302 MCAL_T1	0	0	0	0	0	0	-0.33	-0.33	1	1	0	600	600
12/20/2023 18:49	67502 WEWI_T2	0	0	0	0	0	0	-1.26	-1.29	1	1	0	900	900
12/20/2023 18:49	59101 WALK_T2	1	1	0	0	0	0	0.69	1.2	1	1	0	450	450
12/20/2023 18:49	60201 ATGL_T2	0	0	0	0	0	0	0.45	0.45	2	2	0	600	600
12/20/2023 18:49	57403 SPAN_T1	0	0	0	0	0	0	0.13	0.14	0	0	0	0	0
12/20/2023 18:49	61306 EARL_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
12/20/2023 18:49	52402 GRPA_T2	5	4	-1	0.6	0.68	0.08	0	0	0	0	0	0	0
12/20/2023 18:50	62604 ENGL_T1	1	1	0	0.3	0.3	0	-0.48	-0.5	1	1	0	600	600
12/20/2023 18:50	14702 TREX_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
12/20/2023 18:50	64201 KINZ_T1	125	140	15	0.49	0.67	0.18	-0.57	-0.64	3	2	-1	1500	1200
12/20/2023 18:50	16302 ALPA_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
12/20/2023 18:50	40603 PIGR_T1	0	1	1	0	0	0	0	0	0	0	0	0	0
12/20/2023 18:50	55001 NEWP_T1	0	1	1	0	0	0	0	0	0	0	0	0	0
12/20/2023 18:50	41801 GOCI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
12/20/2023 18:50	53501 EVIL_T2	1	1	0	0.3	0.3	0	-1.15	-1.16	1	1	0	600	600
12/20/2023 18:50	40502 CRES_T2	6	7	1	0.15	0.19	0.04	-0.57	-0.57	0	0	0	0	0
12/20/2023 18:50	56802 BENV_T2	0	0	0	0	0	0	-1.24	-1.24	0	0	0	0	0
12/20/2023 18:50	59101 WALK_T2	1	1	0	0	0	0	0.69	1.2	1	1	0	450	450
12/20/2023 18:50	48302 ORWI_T2	3	3	0	0.57	0.63	0.06	-0.5	-0.52	0	0	0	0	0
12/20/2023 18:51	57401 SPAN_T1	0	0	0	0	0	0	-0.62	-0.63	1	1	0	600	600
12/20/2023 18:51	55001 NEWP_T1	0	1	1	0	0	0	0	0	0	0	0	0	0
12/20/2023 18:51	52403 GRPA_T2	3	20	17	0.33	0.47	0.14	0.1	0.14	0	0	0	0	0
12/20/2023 18:51	43201 MVIL_T2	2	2	0	0.35	0	-0.35	0	0	0	0	0	0	0
12/20/2023 18:51	40902 JESH_T1	0	0	0	0	0	0	-0.56	-0.63	0	0	0	0	0
12/20/2023 18:51	12701 MACU_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
12/20/2023 18:51	53901 HAU_T2	1	2	1	0.1	0.2	0.1	0	0	0	0	0	0	0
12/20/2023 18:51	67904 WNHO_T1	0	0	0	0	0	0	-1.12	-1.12	1	1	0	1200	1200
12/20/2023 18:51	45501 DERR_T2	0	0	0	0	0	0	0.74	0.77	2	2	0	1800	1800
12/20/2023 18:51	43001 ALWD_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
12/20/2023 18:51	67103 SPRI_T1	0	0	0	0	0	0	-0.05	-0.05	0	0	0	0	0
12/20/2023 18:52	40502 CRES_T2	6	7	1	0.15	0.19	0.04	-0.57	-0.57	0	0	0	0	0
12/20/2023 18:52	41601 CLEV_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
12/20/2023 18:52	44802 EDAN_T2	0	0	0	0	0	0	-2.1	-2.13	1	1	0	1200	1200
12/20/2023 18:52	43201 MVIL_T2	2	2	0	0.35	0	-0.35	-0.34	-0.32	0	0	0	0	0
12/20/2023 18:52	45702 LIND_T2	0	1	1	0	0.5	0.5	-0.5	-0.49	0	0	0	0	0
12/20/2023 18:52	43402 BENT_T1	0	2	2	0	0	0	-1.51	-1.55	2	2	0	1500	1500
12/20/2023 18:52	67605 WARW_T1	0	0	0	0	0	0	-1.12	-1.16	0	0	0	0	0
12/20/2023 18:52	40101 HUNT_T2	181	191	10	0.62	0.55	-0.07	-2.25	-2.25	0	0	0	0	0
12/20/2023 18:52	45501 DERR_T2	0	0	0	0	0	0	0.74	0.77	2	2	0	1800	1800
12/20/2023 18:52	43202 MVIL_T2	0	0	0	0	0	0	-0.63	-0.63	0	0	0	0	0
12/20/2023 18:52	42902 MIDD_T2	30	35	5	0.68	0.75	0.07	0	0	0	0	0	0	0
12/20/2023 18:52	53501 EVIL_T2	1	1	0	0.3	0.3	0	-2.31	-2.32	2	2	0	1200	1200
12/20/2023 18:52	67502 WEWI_T2	0	0	0	0	0	0	-1.26	-1.29	1	1	0	900	900
12/20/2023 18:52	41801 GOCI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
12/20/2023 18:52	67502 WEWI_T2	0	0	0	0	0	0	-1.26	-1.29	1	1	0	900	900
12/20/2023 18:52	57403 SPAN_T1	0	0	0	0	0	0	0.13	0.14	0	0	0	0	0
12/20/2023 18:52	47402 PENS_T1	1	2	1	0.8	0.3	-0.5	0	0	0	0	0	0	0
12/20/2023 18:52	67402 WAKE_T2	0	0	0	0	0	0	0.28	0.27	0	0	0	0	0
12/20/2023 18:52	20403 ASHF_T2	0	0	0	0	0	0	0.52	0.54	0	0	0	0	0
12/20/2023 18:52	57402 SPAN_T2	0	0	0	0	0	0	-1.2	-1.21	0	0	0	0	0
12/20/2023 18:52	54601 SUMM_T2	0	0	0	0	0	0	-1.86	-1.78	2	2	0	2100	2100
12/20/2023 18:53	57401 SPAN_T1	0	0	0	0	0	0	-0.62	-0.63	1	1	0	600	600
12/20/2023 18:53	56504 ROCK_T2	0	0	0	0	0	0	-0.21	-0.22	0	0	0	0	0
12/20/2023 18:53	51107 CARL_T1	0	0	0	0	0	0	0.01	-0.01	0	0	0	0	0
12/20/2023 18:53	67605 WARW_T1	0	0	0	0	0	0	-1.12	-1.16	0	0	0	0	0
12/20/2023 18:53	54202 PENN_T2	0	0	0	0	0	0	0.61	0.62	0	0	0	0	0
12/20/2023 18:53	67502 WEWI_T2	0	0	0	0	0	0	-2.53	-2.58	2	2	0	1800	1800
12/20/2023 18:53	52002 LING_T2	0	1	1	0	0	0	-0.07	-0.03	0	0	0	0	0
12/20/2023 18:53	64204 KINZ_T1	1	2	1	0.9	0.45	-0.45	0	0	0	0	0	0	0
12/20/2023 18:53	62604 ENGL_T1	1	1	0	0.3	0.3	0	-0.48	-0.5	1	1	0	600	600
12/20/2023 18:53	67204 TEHI_T2	0	0	0	0	0	0	0.39	0.36	0	0	0	0	0
12/20/2023 18:53	56501 ROCK_T2	0	1	1	0	0.3	0.3	-1.32	-1.36	0	0	0	0	0
12/20/2023 18:53	56802 BENV_T2	0	0	0	0	0	0	-1.24	-1.24	0	0	0	0	0
12/20/2023 18:53	46005 BERW_T1	11	8	-3	1.93	0	-1.93	0	0	0	0	0	0	0
12/20/2023 18:53	60101 COCA_T1	0	0	0	0	0	0	0.33	0.41	0	0	0	0	0
12/20/2023 18:53	67001 STHI_T2	1	1	0	0.5	0.5	0	0	0	0	0	0	0	0
12/20/2023 18:53	61303 EARL_T1	0	0	0	0	0	0	0.28	0.27	0	0	0	0	0
12/20/2023 18:53	58402 MORO_T1	1	1	0	1.1	0	-1.1	-0.2	-0.21	3	3	0	1800	1800
12/20/2023 18:53	47401 PENS_T1	0	0	0	0	0	0	-0.43	-0.48	0	0	0	0	0
12/20/2023 18:53	64101 REFR_T1	0	0	0	0	0	0	0.03	0.03	0	0	0	0	0
12/20/2023 18:53	64801 MONE_T2	0	0	0	0	0	0	0.47	0.47	0	0	0	0	0
12/20/2023 18:54	40101 HUNT_T2	181	191	10	0.62	0.55	-0.07	-1.13	-1.11	0	0	0	0	0
12/20/2023 18:54	54505 ENOL_T2	1	1	0	0.2	0.2	0	-1.18	-1.13	1	1	0	600	600
12/20/2023 18:54	56504 ROCK_T2	0	0	0	0	0	0	-0.43	-0.41	0	0	0	0	0
12/20/2023 18:54	42701 AUGU_T1	4	12	8	0.48	0.25	-0.23	0	0	1	1	0	600	600
12/20/2023 18:54	41601 CLEV_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
12/20/2023 18:54	43001 ALWD_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
12/20/2023 18:54	65503 MOJO_T2	0	0	0	0	0	0	-1.01	-1.09	0	0	0	0	0
12/20/2023 18:54	52102 MEIS_T1	0	0	0	0	0	0	0	0	1	1	0	450	450
12/20/2023 18:54	47402 PENS_T1	1	2	1	0.8	0.3	-0.5	0	0	0	0	0	0	0
12/20/2023 18:54	53601 DALM_T2	0	1	1	0	0.2	0.2	-0.97	-0.95	1	1	0	900	900
12/20/2023 18:54	45402 WBLO_T2	15	5	-10	0.13	0.1	-0.03	-0.54	-0.55	0	0	0	0	0
12/20/2023 18:54	66505 SMAN_T2	3	3	0	0.6	1.23	0.63	0	0	0	0	0	0	0
12/20/2023 18:54	56802 BENV_T2	0	0	0	0	0	0	-2.47	-2.54	0	0	0	0	0
12/20/2023 18:54	54501 ENOL_T2	0	0	0	0	0	0	-0.49	-0.5	1	1	0	600	600
12/20/2023 18:54	67502 WEWI_T2	0	0	0	0	0	0	-1.29	-1.28	1	1	0	900	900
12/20/2023 18:54	46903 MNTG_T2	0	0	0	0	0	0	-0.19	-0.19	1	1	0	600	600
12/20/2023 18:54	64301 LINC_T1	0	0	0	0	0	0	-0.3	-0.35	1	1	0	600	600
12/20/2023 18:54	67503 WEWI_T2	0	0	0	0	0	0	-0.03	-0.06	0	0	0	0	0
12/20/2023 18:54	60201 ATGL_T2	0	0	0	0	0	0	0.23	0.25	1	1	0	300	300
12/20/2023 18:54	62604 ENGL_T1	1	0	-1	0.3	0.3	0	-0.5	-0.52	1	1	0	600	600
12/20/2023 18:54	14403 SSLA_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
12/20/2023 18:55	64101 REFR_T1	0	0	0	0	0	0	0.03	0.02	0	0	0	0	0
12/20/2023 18:55	57403 SPAN_T1	0	0	0	0	0	0	0.14	0.14	0	0	0	0	0
12/20/2023 18:55	57404 SPAN_T2	0	0	0	0	0	0	1.32	1.29	0	0	0	0	0
12/20/2023 18:55	56802 BENV_T2	0	0	0	0	0	0	-3.71	-3.81	0	0	0	0	0
12/20/2023 18:55	47401 PENS_T1	0	0	0	0	0	0	-0.43	-0.48	0	0	0	0	0
12/20/2023 18:55	61801 EELI_T2	0	0	0	0	0	0	-1.98	-1.87	2	2	0	1200	1200
12/20/2023 18:55	57403 SPAN_T1	0	0	0	0	0	0	0.14	0.14	0	0	0	0	0
12/20/2023 18:55	59003 MIFF_T1	0	0	0	0	0	0	-0.22	-0.32	0	0	0	0	0
12/20/2023 18:55	46005 BERW_T1	11	8	-3	1.93	0	-1.93	0	0	0	0	0	0	0
12/20/2023 18:55	58302 NOTT_T1	0	0	0	0	0	0	-0.48	-0.48	1	1	0	1200	1200
12/20/2023 18:55	46901 MNTG_T2	0	0	0	0	0	0	-0.17	-0.34	1	1	0	1200	1200
12/20/2023 18:55	59101 WALK_T2	1	1	0	0	0	0	1.2	1.09	1	1	0	450	450
12/20/2023 18:55	54206 PENN_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
12/20/2023 18:55	56501 ROCK_T2	0	1	1	0	0.3	0.3	-1.36	-1.29	0	0	0	0	0
12/20/2023 18:55	67203 TEHI_T1	0	0	0	0	0	0	2.09	2.08	1	1	0	600	600
12/20/2023 18:55	66702 STRA_T1	0	0	0	0	0	0	0.13	-0.04	3	3	0	2700	2700
12/20/2023 18:56	56802 BENV_T2	0	0	0	0	0	0	-2.47	-2.54	0	0	0	0	0
12/20/2023 18:56	55101 WERT_T1	0	0	0	0	0	0	-1.29	-1.24	2	2	0	1500	1500
12/20/2023 18:56	57403 SPAN_T1	0	0	0	0	0	0	0.14	0.14	0	0	0	0	0
12/20/2023 18:56	46903 MNTG_T2	0	0	0	0	0	0	-0.19	-0.19	1	1	0	600	600
12/20/2023 18:56	54505 ENOL_T2	1	1	0	0.2	0.2	0	0	0	0	0	0	0	0
12/20/2023 18:56	57404 SPAN_T2	0	0	0	0	0	0	1.32	1.29	0	0	0	0	0
12/20/2023 18:56	47403 PENS_T1	1	1	0	1.4	1.4	0	0	0	0	0	0	0	0
12/20/2023 18:56	57403 SPAN_T1	0	0	0	0	0	0	0.14	0.14	0	0	0	0	0
12/20/2023 18:56	51604 DUKE_T2	0	0	0	0	0	0	-1.6	-1.57	1	1	0	900	900
12/20/2023 18:56	64101 REFR_T1	0	0	0	0	0	0	0.03	0.02	0	0	0	0	0
12/20/2023 18:56	67401 WAKE_T2	0	0	0	0	0	0	-1.11	-1.12	0	0	0	0	0
12/20/2023 18:56	42201 SHEN_T2	0	1	1	0	0	0	-0.02	-0.1	1	1	0	600	600
12/20/2023 18:56	55002 NEWP_T1	3	4	1	0.17	0.23	0.06	-0.21	-0.17	0	0	0	0	0
12/20/2023 18:56	52102 MEIS_T1	0	0	0	0	0	0	0	0	2	2	0	900	900
12/20/2023 18:56	45802 HEGI_T2	0	0	0	0	0	0	0.79	0.65	0	0	0	0	0
12/20/2023 18:56	59101 WALK_T2	1	1	0	0	0	0	1.2	1.09	1	1	0	450	450
12/20/2023 18:57	51107 CARL_T1	0	0	0	0	0	0	-0.01	0.05	0	0	0	0	0
12/20/2023 18:57	55002 NEWP_T1	3	4	1	0.17	0.23	0.06	-0.21	-0.17	0	0	0	0	0
12/20/2023 18:57	44802 EDAN_T2	0	0	0	0	0	0	-2.13	-2.15	1	1	0	1200	1200
12/20/2023 18:57	56504 ROCK_T2	0	0	0	0	0	0	-0.22	-0.21	0	0	0	0	0
12/20/2023 18:57	64101 REFR_T1	0	0	0	0	0	0	0.03	0.02	0	0	0	0	0
12/20/2023 18:57	60101 COCA_T1	0	0	0	0	0	0	0.41	0.4	0	0	0	0	0
12/20/2023 18:57	56802 BENV_T2	0	0	0	0	0	0	-1.24	-1.27	0	0	0	0	0
12/20/2023 18:57	60604 NCOL_T2	0	0	0	0	0	0	0.29	0.22	0	0	0	0	0
12/20/2023 18:57	59003 MIFF_T1	0	0	0	0	0	0	-0.22	-0.32	0	0	0	0	0
12/20/2023 18:57	56801 BENV_T1	1	2	1	0.3	0.15	-0.15	-0.57	-0.58	1	1	0	600	600
12/20/2023 18:57	67503 WEWI_T2	0	0	0	0	0	0	-0.03	-0.06	0	0	0	0	0
12/20/2023 18:57	61801 EELI_T2	0	0	0	0	0	0	-0.99	-0.94	1	1	0	600	600
12/20/2023 18:58	50202 HARR_T3	1	1	0	0	0	0	0	0	0	0	0	0	0
12/20/2023 18:58	45802 HEGI_T2	0	0	0	0	0	0	0.79	0.65	0	0	0	0	0
12/20/2023 18:58	65901 SAKR_T2	1	1	0	9.2	9.2	0	0	0	0	0	0	0	0
12/20/2023 18:58	52402 GRPA_T2	5	4	-1	0.6	0.68	0.08	-1.06	-1.05	0	0	0	0	0
12/20/2023 18:58	53901 HAU_T2	1	2	1	0.1	0.2	0.1	0	0	0	0	0	0	0
12/20/2023 18:58	56802 BENV_T2	0	0	0	0	0	0	-1.24	-1.27	0	0	0	0	0
12/20/2023 18:58	49804 UNIV_T1	1	1	0	1.5	0.8	-0.7	0	0	0	0	0	0	0
12/20/2023 18:58	41801 GOCI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
12/20/2023 18:58	40101 HUNT_T2	181	191	10	0.62	0.55	-0.07	-1.13	-1.11	0	0	0	0	0
12/20/2023 18:58	53501 EVIL_T2	1	1	0	0.3	0.3	0	-1.16	-1.11	1	1	0	600	600
12/20/2023 18:58	64101 REFR_T1	0	0	0	0	0	0	0.03	0.02	0	0	0	0	0
12/20/2023 18:58	64203 KINZ_T1	0	0	0	0	0	0	-0.51	-0.52	1	1	0	600	600
12/20/2023 18:58	67201 TEHI_T1	0	0	0	0	0	0	-0.45	-0.22	1	1	0	900	900
12/20/2023 18:58	61303 EARL_T1	0	0	0	0	0	0	0.27	0.26	0	0	0	0	0
12/20/2023 18:58	20403 ASHF_T2	0	0	0	0	0	0	0.54	0.54	0	0	0	0	0
12/20/2023 18:58	40201 BEGA_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
12/20/2023 18:59	56802 BENV_T2	0	0	0	0	0	0	-1.24	-1.27	0	0	0	0	0
12/20/2023 18:59	52402 GRPA_T2	5	4	-1	0.6	0.68	0.08	0	0	0	0	0	0

12/20/2023 19:03	56501 ROCK_T2	1	2	1	0.3	0.2	-0.1	0	0	0	0	0	0	0	0
12/20/2023 19:03	54001 SDLE_T1	1	1	0	0.6	0.5	-0.1	0	0	0	0	0	0	0	0
12/20/2023 19:03	54502 ENOL_T2	0	0	0	0	0	0	-1.93	-1.81	1	1	0	600	600	0
12/20/2023 19:03	52404 GRPA_T2	3	0	-3	0.13	0	-0.13	0	0	0	0	0	0	0	0
12/20/2023 19:03	55105 WERT_T1	0	0	0	0	0	0	-0.41	-0.41	1	1	0	900	900	0
12/20/2023 19:03	54601 SUMM_T2	0	0	0	0	0	0	-1.78	-1.86	2	2	0	2100	2100	0
12/20/2023 19:04	53903 HALI_T2	2	2	0	0.4	0.5	0.1	0	0	0	0	0	0	0	0
12/20/2023 19:04	57403 SPAN_T1	0	0	0	0	0	0	0.14	0.14	0	0	0	0	0	0
12/20/2023 19:04	41902 REED_T1	63	50	-13	0.6	0.48	-0.12	1.23	1.23	0	0	0	0	0	0
12/20/2023 19:05	53501 EVIL_T2	1	1	0	0.3	0.1	-0.2	-1.16	-1.11	1	1	0	600	600	0
12/20/2023 19:05	54206 PENN_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/20/2023 19:05	52102 MEIS_T1	0	0	0	0	0	0	0	0	1	1	0	450	450	0
12/20/2023 19:05	64101 REFR_T1	0	0	0	0	0	0	0.03	0.02	0	0	0	0	0	0
12/20/2023 19:07	55101 WERT_T1	0	0	0	0	0	0	-1.29	-1.24	2	2	0	1500	1500	0
12/20/2023 19:09	53903 HALI_T2	2	2	0	0.4	0.5	0.1	-0.23	-0.22	0	0	0	0	0	0
12/20/2023 19:11	54601 SUMM_T2	0	0	0	0	0	0	-1.86	-1.87	2	2	0	2100	2100	0
12/20/2023 19:12	66901 SHIL_T2	0	0	0	0	0	0	-1.65	-1.67	1	1	0	1200	1200	0
12/20/2023 19:28	16402 MOPO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/20/2023 19:34	29402 BELT_T1	1	1	0	6.6	6.8	0.2	0	0	0	0	0	0	0	0
12/20/2023 19:38	56501 ROCK_T2	2	1	-1	0.6	0.2	-0.4	0	0	0	0	0	0	0	0
12/20/2023 19:40	65003 NEFF_T2	3	4	1	0.13	0.2	0.07	0	0	0	0	0	0	0	0
12/20/2023 19:56	57401 SPAN_T1	0	0	0	0	0	0	-0.63	-0.69	1	1	0	600	600	0
12/20/2023 20:38	59101 WALK_T2	1	1	0	0	0	0	1.36	1.17	1	1	0	450	450	0
12/20/2023 20:38	65003 NEFF_T2	3	9	6	0.23	0.13	-0.1	0	0	0	0	0	0	0	0
12/20/2023 21:30	65001 NEFF_T2	0	0	0	0	0	0	-0.93	-0.96	1	1	0	1200	1200	0
12/20/2023 21:56	65001 NEFF_T2	0	0	0	0	0	0	-0.98	-1	1	1	0	1200	1200	0
12/20/2023 22:07	65001 NEFF_T2	0	0	0	0	0	0	-0.98	-1	1	1	0	1200	1200	0
12/20/2023 22:39	65001 NEFF_T2	0	0	0	0	0	0	-1.06	-1.09	1	1	0	1200	1200	0
12/20/2023 23:00	65001 NEFF_T2	0	0	0	0	0	0	-1.09	-1.11	1	1	0	1200	1200	0
12/20/2023 23:10	65001 NEFF_T2	0	0	0	0	0	0	-1.11	-1.14	1	1	0	1200	1200	0
12/20/2023 23:39	65001 NEFF_T2	0	0	0	0	0	0	-1.18	-1.24	1	1	0	1200	1200	0
12/21/2023 0:41	13503 MCMI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/21/2023 1:22	65001 NEFF_T2	0	0	0	0	0	0	-1.24	-1.24	1	1	0	1200	1200	0
12/21/2023 4:15	65001 NEFF_T2	0	0	0	0	0	0	-1.21	-1.21	1	1	0	1200	1200	0
12/21/2023 4:57	65001 NEFF_T2	0	0	0	0	0	0	-1.12	-1.13	1	1	0	1200	1200	0
12/21/2023 5:44	65001 NEFF_T2	0	0	0	0	0	0	-1.08	-1.05	1	1	0	1200	1200	0
12/21/2023 6:15	65001 NEFF_T2	0	0	0	0	0	0	-0.98	-0.79	1	1	0	1200	1200	0
12/21/2023 6:36	65001 NEFF_T2	0	0	0	0	0	0	-0.79	-0.71	1	1	0	1200	1200	0
12/21/2023 7:29	65001 NEFF_T2	0	0	0	0	0	0	-0.62	-0.61	1	1	0	1200	1200	0
12/21/2023 7:54	43402 BENT_T1	0	3	3	0	0	0	-1.39	-1.34	2	2	0	1500	1500	0
12/21/2023 7:55	45502 DERR_T2	0	1	1	0	0	0	0	0	0	0	0	0	0	0
12/21/2023 7:56	43402 BENT_T1	0	3	3	0	0	0	-1.39	-1.34	2	2	0	1500	1500	0
12/21/2023 7:56	45501 DERR_T2	0	1	1	0	0	0	0.74	0.76	2	2	0	1800	1800	0
12/21/2023 8:07	43402 BENT_T1	3	1	-2	0.27	0	-0.27	-1.39	-1.34	2	2	0	1500	1500	0
12/21/2023 8:10	43402 BENT_T1	3	1	-2	0.27	0	-0.27	-1.34	-1.31	2	2	0	1500	1500	0
12/21/2023 8:12	52403 GRPA_T2	6	2	-4	0.62	0	-0.62	0	0	0	0	0	0	0	0
12/21/2023 8:13	52402 GRPA_T2	1	3	2	2.8	1.27	-1.53	0	0	0	0	0	0	0	0
12/21/2023 8:18	40602 PIGR_T1	0	2	2	0	0.25	0.25	0	0	1	1	0	600	600	0
12/21/2023 8:19	54203 PENN_T1	25	122	97	0.96	0.34	-0.62	0	0	0	0	0	0	0	0
12/21/2023 8:20	67103 SPRI_T1	0	0	0	0	0	0	-0.1	-0.09	0	0	0	0	0	0
12/21/2023 8:21	67103 SPRI_T1	0	0	0	0	0	0	-0.1	-0.09	0	0	0	0	0	0
12/21/2023 8:21	49803 UNIV_T1	1	0	-1	0.1	0	-0.1	-0.95	-0.91	0	0	0	0	0	0
12/21/2023 8:22	54203 PENN_T1	25	122	97	0.96	0.34	-0.62	0	0	0	0	0	0	0	0
12/21/2023 8:27	65001 NEFF_T2	0	0	0	0	0	0	-0.51	-0.51	1	1	0	1200	1200	0
12/21/2023 8:34	55002 NEWP_T1	4	6	2	0.58	0.9	0.32	-0.15	-0.18	0	0	0	0	0	0
12/21/2023 8:38	42703 AUGU_T1	1	1	0	0.7	0.9	0.2	0	0	1	1	0	600	600	0
12/21/2023 8:39	43402 BENT_T1	1	1	0	0.4	0	-0.4	-1.32	-1.3	2	2	0	1500	1500	0
12/21/2023 8:42	53601 DALM_T2	0	1	1	0	0.4	0.4	-0.79	-0.77	1	1	0	900	900	0
12/21/2023 8:48	65001 NEFF_T2	0	0	0	0	0	0	-0.51	-0.56	1	1	0	1200	1200	0
12/21/2023 8:53	60305 TWVA_T2	0	0	0	0	0	0	-0.21	-0.24	2	2	0	2400	2400	0
12/21/2023 9:00	40602 PIGR_T1	2	3	1	0.2	0.37	0.17	0	0	1	1	0	600	600	0
12/21/2023 9:00	50105 HARR_T3	7	7	0	5.53	5.6	0.07	0	0	0	0	0	0	0	0
12/21/2023 9:00	46003 BERW_T2	1	1	0	2.7	2.3	-0.4	0	0	0	0	0	0	0	0
12/21/2023 9:00	56802 BENV_T2	24	58	34	0.19	0.26	0.07	-1.25	-1.3	0	0	0	0	0	0
12/21/2023 9:00	41902 REED_T1	2	2	0	0.6	0	-0.6	0.41	0.4	0	0	0	0	0	0
12/21/2023 9:00	56504 ROCK_T2	0	0	0	0	0	0	-0.02	-0.02	0	0	0	0	0	0
12/21/2023 9:00	43001 ALWD_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/21/2023 9:00	27502 WEIS_T2	0	0	0	0	0	0	-0.36	-0.36	0	0	0	0	0	0
12/21/2023 9:00	23401 HONE_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/21/2023 9:00	55002 NEWP_T1	6	6	0	0.9	0.62	-0.28	-0.68	-0.76	0	0	0	0	0	0
12/21/2023 9:00	40101 HUNT_T2	80	102	22	0.49	0.68	0.19	-0.22	-0.21	0	0	0	0	0	0
12/21/2023 9:00	43304 WATS_T2	0	1	1	0	0	0	-0.45	-0.47	0	0	0	0	0	0
12/21/2023 9:00	57403 SPAN_T1	0	0	0	0	0	0	0.16	0.16	0	0	0	0	0	0
12/21/2023 9:01	59101 WALK_T2	1	1	0	0	0	0	1.77	1.57	1	1	0	450	450	0
12/21/2023 9:02	45802 HEGI_T2	0	0	0	0	0	0	0.51	0.68	1	0	-1	900	0	-900
12/21/2023 9:07	59102 WALK_T2	0	0	0	0	0	0	-0.26	-0.3	1	1	0	600	600	0
12/21/2023 9:07	67503 WEWI_T2	0	0	0	0	0	0	0.04	0.01	0	0	0	0	0	0
12/21/2023 9:08	67503 WEWI_T2	0	0	0	0	0	0	0.04	0.01	0	0	0	0	0	0
12/21/2023 9:08	53601 DALM_T2	1	1	0	0.4	0.7	0.3	-0.77	-0.76	1	1	0	900	900	0
12/21/2023 9:09	45501 DERR_T2	1	1	0	0.1	0	-0.1	0.88	0.79	2	2	0	1800	1800	0
12/21/2023 9:09	60305 TWVA_T2	0	0	0	0	0	0	-0.34	-0.1	2	0	-2	2400	0	-2400
12/21/2023 9:11	45502 DERR_T2	1	0	-1	0.1	0	-0.1	0	0	0	0	0	0	0	0
12/21/2023 9:14	52102 MEIS_T1	1	0	-1	0.3	0	-0.3	0	0	1	1	0	450	450	0
12/21/2023 9:16	55002 NEWP_T1	6	5	-1	0.6	0.64	0.04	-0.19	-0.16	0	0	0	0	0	0
12/21/2023 9:17	52101 MEIS_T1	0	1	1	0	0.2	0.2	0	0	0	0	0	0	0	0
12/21/2023 9:20	67103 SPRI_T1	0	0	0	0	0	0	-0.1	-0.08	0	0	0	0	0	0
12/21/2023 9:20	58402 MORO_T1	0	0	0	0	0	0	-0.87	-0.87	3	3	0	2400	2400	0
12/21/2023 9:20	13704 SCHN_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/21/2023 9:20	14403 SSLA_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/21/2023 9:21	67103 SPRI_T1	0	0	0	0	0	0	-0.1	-0.08	0	0	0	0	0	0
12/21/2023 9:23	13704 SCHN_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/21/2023 9:23	14403 SSLA_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/21/2023 9:23	67103 SPRI_T1	0	0	0	0	0	0	-0.1	-0.08	0	0	0	0	0	0
12/21/2023 9:27	52403 GRPA_T2	5	4	-1	0.9	0	-0.9	0	0	0	0	0	0	0	0
12/21/2023 9:28	41801 GOCI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/21/2023 9:30	52401 GRPA_T2	1	2	1	0.1	0.2	0.1	0	0	0	0	0	0	0	0
12/21/2023 9:30	41801 GOCI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/21/2023 9:32	41902 REED_T1	2	0	-2	0.4	0	-0.4	0.4	0.37	0	0	0	0	0	0
12/21/2023 9:33	47403 PENS_T1	1	1	0	2.3	0.9	-1.4	0	0	0	0	0	0	0	0
12/21/2023 9:34	41902 REED_T1	2	0	-2	0.4	0	-0.4	0.4	0.37	0	0	0	0	0	0
12/21/2023 9:36	47403 PENS_T1	1	1	0	2.3	0.9	-1.4	0	0	0	0	0	0	0	0
12/21/2023 9:38	42201 SHEN_T2	0	0	0	0	0	0	-0.1	-0.07	1	1	0	600	600	0
12/21/2023 9:38	56802 BENV_T2	24	200	176	0.25	0.3	0.05	-2.58	-2.61	0	0	0	0	0	0
12/21/2023 9:39	67605 WARW_T1	0	1	1	0	0.1	0.1	-1.31	-1.31	0	0	0	0	0	0
12/21/2023 9:39	56802 BENV_T2	24	200	176	0.25	0.3	0.05	-1.31	-1.26	0	0	0	0	0	0
12/21/2023 9:41	56802 BENV_T2	24	200	176	0.25	0.3	0.05	-3.92	-3.77	0	0	0	0	0	0
12/21/2023 9:42	56802 BENV_T2	24	200	176	0.25	0.3	0.05	-5.22	-5.03	0	0	0	0	0	0
12/21/2023 9:45	13503 MCMI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/21/2023 9:47	52102 MEIS_T1	0	0	0	0	0	0	0	0	2	2	0	900	900	0
12/21/2023 9:48	48302 ORWI_T2	2	2	0	0.55	0.35	-0.2	0.14	0.17	0	0	0	0	0	0
12/21/2023 9:49	52102 MEIS_T1	0	0	0	0	0	0	0	0	1	1	0	450	450	0
12/21/2023 9:50	56501 ROCK_T2	2	2	0	0.2	0.2	0	-1.42	-1.44	0	0	0	0	0	0
12/21/2023 9:50	56503 ROCK_T2	0	1	1	0	0	0	0	0	0	0	0	0	0	0
12/21/2023 9:51	67204 TEHI_T2	0	0	0	0	0	0	0.05	0.02	0	0	0	0	0	0
12/21/2023 9:52	67503 WEWI_T2	0	0	0	0	0	0	-0.05	-0.08	0	0	0	0	0	0
12/21/2023 9:52	67503 WEWI_T2	0	0	0	0	0	0	-0.05	-0.08	0	0	0	0	0	0
12/21/2023 9:53	67402 WAKE_T2	0	0	0	0	0	0	0.47	0.51	1	1	0	600	600	0
12/21/2023 9:55	44301 BEAV_T2	0	0	0	0	0	0	0.72	0.64	1	1	0	600	600	0
12/21/2023 9:56	53501 EVIL_T2	4	2	-2	0.4	0.4	0	-1.71	-1.61	3	3	0	1800	1800	0
12/21/2023 9:57	52402 GRPA_T2	5	4	-1	1.4	1.43	0.03	0	0	0	0	0	0	0	0
12/21/2023 9:58	53501 EVIL_T2	4	2	-2	0.4	0.4	0	-0.57	-0.54	1	1	0	600	600	0
12/21/2023 9:59	53501 EVIL_T2	4	2	-2	0.4	0.4	0	-0.57	-0.54	1	1	0	600	600	0
12/21/2023 10:01	43201 MVIL_T2	0	0	0	0	0	0	-1.29	-1.26	0	0	0	0	0	0
12/21/2023 10:02	52401 GRPA_T2	1	1	0	0.3	0.6	0.3	0	0	0	0	0	0	0	0
12/21/2023 10:03	42802 SELI_T1	0	0	0	0	0	0	-1.9	-2	1	1	0	900	900	0
12/21/2023 10:03	64101 REFR_T1	0	0	0	0	0	0	-0.03	-0.07	0	0	0	0	0	0
12/21/2023 10:05	57403 SPAN_T1	0	4	4	0	0.2	0.2	0	0	0	0	0	0	0	0
12/21/2023 10:06	66504 SMAN_T2	0	1	1	0	0.1	0.1	-0.36	-0.38	0	0	0	0	0	0
12/21/2023 10:06	27502 WEIS_T2	0	0	0	0	0	0	-0.34	-0.37	0	0	0	0	0	0
12/21/2023 10:06	42801 SELI_T1	2	1	-1	6.6	0	-6.6	0	0	0	0	0	0	0	0
12/21/2023 10:06	57403 SPAN_T1	0	4	4	0	0.2	0.2	0	0	0	0	0	0	0	0
12/21/2023 10:06	64101 REFR_T1	0	0	0	0	0	0	-0.05	-0.13	0	0	0	0	0	0
12/21/2023 10:06	15001 BLMO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/21/2023 10:07	42801 SELI_T1	2	1	-1	6.6	0	-6.6	0	0	0	0	0	0	0	0
12/21/2023 10:07	67204 TEHI_T2	0	0	0	0	0	0	0.02	0.15	0	0	0	0	0	0
12/21/2023 10:07	57403 SPAN_T1	0	4	4	0	0.2	0.2	0	0	0	0	0	0	0	0
12/21/2023 10:07	64101 REFR_T1	0	0	0	0	0	0	-0.08	-0.2	0	0	0	0	0	0
12/21/2023 10:08	43401 BENT_T1	0	3	3	0	0	0	0	0	0	0	0	0	0	0
12/21/2023 10:08	42802 SELI_T1	0	0	0	0	0	0	-2	-2.03	1	1	0	900	900	0
12/21/2023 10:08	29402 BELT_T1	1	1	0	6.9	6.9	0	0	0	0	0	0	0	0	0
12/21/2023 10:08	64101 REFR_T1	0	0	0	0	0	0	-0.03	-0.07	0	0	0	0	0	0
12/21/2023 10:09	66505 SMAN_T2	0	3	3	0	0.1	0.1	0	0	0	0	0	0	0	0
12/21/2023 10:09	56802 BENV_T2	103	53	-50	0.27	0.22	-0.05	-2.55	-2.67	0	0	0	0	0	0
12/21/2023 10:10	56802 BENV_T2	103	53	-50	0.27	0.22	-0.05	-1.27	-1.34	0	0	0	0	0	0
12/21/2023 10:10	45501 DERR_T2	0	0	0	0	0	0	0.71	0.72	2	2	0	1800	1800	0
12/21/2023 10:10	64101 REFR_T1	0	0	0	0	0	0	-0.07	-0.13	0	0	0	0	0	0
12/21/2023 10:12	29402 BELT_T1	1	1	0	6.9	6.9	0	0	0	0	0	0	0	0	0
12/21/2023 10:12	56802 BENV_T2	103	53	-50	0.27	0.22	-0.05	-2.55	-2.67	0	0	0	0	0	0
12/21/2023 10:12	27502 WEIS_T2	0	0	0	0	0	0	-0.37	-0.33	0	0	0	0	0	0
12/21/2023 10:13	45501 DERR_T2	0	0	0	0	0	0	0.71	0.72	2	2	0	1800	1800	0
12/21/2023 10:16	13302 ORVI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/21/2023 10:17	55002 NEWP_T1	4	3	-1	0.78	0.4	-0.38	-0.38	-0.42	0	0	0	0	0	0
12/21/2023 10:17	47001 HUGH_T2	0	0	0	0	0	0	-0.64	-0.61	0	0	0	0	0	0
12/21/2023 10:17	65003 NEFF_T2	0	1	1	0	0.2	0.2	0	0	0	0	0	0	0	0
12/21/2023 10:17	58401 MORO_T1	0	0	0	0	0	0	-0.78	-0.77	1	1	0	600	600	0
12/21/2023 10:18	65005 NEFF_T2	0	1	1	0	0.2	0.2	0	0	0	0	0	0	0	0
12/21/2023 10:18	62605 ENGL_T1	0	1	1	0	0.2	0.2	0	0	0	0	0	0	0	0
12/21/2023 10:18	47001 HUGH_T2	0	0	0	0	0	0	-0.64	-0.61	0	0	0	0	0	0
12/21/2023 10:19	66701 STRA_T1	1	1	0	1.3	1.4	0.1	0	0	0	0	0	0	0	0
12/21/2023 10:19	62604 ENGL_T1	0	0	0	0	0	0	-1.33	-1.46	3	3	0	1800	1800	0
12/21/2023 10:19	55002 NEWP_T1	4	3	-1	0.78	0.4	-0.38	-0.19	-0.21	0	0	0	0	0	0
12/21/2023 10:20	57401 SPAN_T1	2	13	11	0.75	0.32	-0.43	-0.94	-0.96	1	1	0	600	600	0
12/21/2023 10:20	56501 ROCK_T2	2	39	37	0.2	0.15	-0.05	-1.44	-1.45	0	0	0	0	0	0
12/21/2023 10:20	55002 NEWP_T1	4	3	-1	0.78	0.4	-0.38	-0.19	-0.21	0	0	0	0	0	0
12/21/2023 10:20	58401 MORO_T1	0	0	0	0	0	0	-0.78	-0.77	1	1	0	600	600	0
12/21/2023 10:21	57403 SPAN_T1	2	4	2	0.15	0.2	0.05	0	0	0	0	0	0	0	0
12/21/2023 10:21	55002 NEWP_T1	4	3	-1	0.78	0.4	-0.38	-0.19	-0.21	0	0	0	0	0	0
12/21/2023 10:21	56501 ROCK_T2	2	39	37	0.2	0.15	-0.05	-1.44	-1.45	0	0	0	0	0	0
12/21/2023 10:21	67502 WEWI_T2	1	9	8	0.7	0.3	-0.4	-1.17	-1.17	1	1	0	900	900	0
12/21/2023 10:22	29402 BELT_T1	1	1	0	6.9	7.1	0.2	0	0	0	0	0	0	0	0
12/21/2023 10:22	57401 SPAN_T1	2	13	11	0.75	0.32	-0.43	0	0	0	0	0	0	0	0
12/21/2023 10:22	61306 EARL_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/21/2023 10:22	67502 WEWI_T2	1	9	8	0.7	0.3	-0.4	-1.17	-1.17	1	1	0	900	900	0
12/21/2023 10:22	27502 WEIS_T2	0	0	0	0	0	0	-0.37	-0.33	0	0	0	0	0	0
12/21/2023 10:23	43001 ALWD_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/21/2023 10:23	56501 ROCK_T2	2	39	37	0.2	0.15	-0.05	-4.32	-4.35	0	0	0	0	0	0
12/21/2023 10:23	67502 WEWI_T2	1	9	8	0.7	0.3	-0.4	-3.51	-3.52	3	3	0	2700	2700	0
12/21/2023 10:24	61306 EARL_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/21/2023 10:24	57401 SPAN_T1	2	13	11	0.75

Appendix C - Grid Benefits Achieved in Each Instance of Active Management

12/21/2023 10:51	57404 SPAN_T2	0	0	0	0	0	0	0.45	0.72	1	1	0	1200	1200	0
12/21/2023 10:51	16302 ALPA_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/21/2023 10:53	57401 SPAN_T1	12	2	-10	0.29	0.85	0.56	0	0	0	0	0	0	0	0
12/21/2023 10:53	57404 SPAN_T2	0	0	0	0	0	0	0.45	0.72	1	1	0	1200	1200	0
12/21/2023 10:53	67503 WEWI_T2	0	0	0	0	0	0	-0.16	-0.2	0	0	0	0	0	0
12/21/2023 10:53	16302 ALPA_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/21/2023 10:53	64101 REFR_T1	0	0	0	0	0	0	-0.12	-0.06	0	0	0	0	0	0
12/21/2023 10:54	65001 NEFF_T2	0	2	2	0	0.15	0.15	-0.5	-0.47	1	1	0	1200	1200	0
12/21/2023 10:54	55105 WERT_T1	0	0	0	0	0	0	-0.52	-0.5	1	1	0	900	900	0
12/21/2023 10:54	60803 BUCK_T1	0	0	0	0	0	0	-0.82	-0.8	1	1	0	600	600	0
12/21/2023 10:54	20403 ASHF_T2	0	0	0	0	0	0	0.5	0.52	0	0	0	0	0	0
12/21/2023 10:54	27502 WEIS_T2	0	0	0	0	0	0	-0.67	-0.81	0	0	0	0	0	0
12/21/2023 10:54	45402 WBLO_T2	7	4	-3	0.26	0.45	0.19	-0.66	-0.68	0	0	0	0	0	0
12/21/2023 10:55	60803 BUCK_T1	0	0	0	0	0	0	-0.82	-0.8	1	1	0	600	600	0
12/21/2023 10:55	60201 ATGL_T2	0	0	0	0	0	0	0.07	0.06	1	1	0	600	600	0
12/21/2023 10:55	16302 ALPA_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/21/2023 10:56	67502 WEWI_T2	7	8	1	0.3	0.29	-0.01	0	0	0	0	0	0	0	0
12/21/2023 10:58	40101 HUNT_T2	9	12	3	0.36	0.5	0.14	-0.44	-0.4	0	0	0	0	0	0
12/21/2023 10:58	45702 LIND_T2	1	1	0	0.1	0.6	0.5	-0.32	-0.35	0	0	0	0	0	0
12/21/2023 10:58	27502 WEIS_T2	0	0	0	0	0	0	-0.33	-0.41	0	0	0	0	0	0
12/21/2023 11:00	52004 LING_T2	1	1	0	0.1	0.7	0.6	0.21	0.23	0	0	0	0	0	0
12/21/2023 11:01	46901 MNTG_T2	0	0	0	0	0	0	0.31	0.31	1	1	0	1200	1200	0
12/21/2023 11:02	46903 MNTG_T2	4	6	2	0.38	0.58	0.2	0.16	0.16	1	1	0	600	600	0
12/21/2023 11:03	52501 PROG_T1	1	0	-1	0.2	0	-0.2	0.33	0.36	1	1	0	300	300	0
12/21/2023 11:03	46903 MNTG_T2	4	6	2	0.38	0.58	0.2	0.32	0.32	2	2	0	1200	1200	0
12/21/2023 11:03	42903 MIDD_T2	0	0	0	0	0	0	0.6	0.56	1	1	0	1200	1200	0
12/21/2023 11:04	44601 SALE_T2	0	0	0	0	0	0	0.63	0.72	1	1	0	600	600	0
12/21/2023 11:04	46903 MNTG_T2	4	6	2	0.38	0.58	0.2	0.16	0.16	1	1	0	600	600	0
12/21/2023 11:05	65503 MOJO_T2	0	9	9	0	0.22	0.22	-1.24	-1.26	1	1	0	900	900	0
12/21/2023 11:05	64801 MONE_T2	0	2	2	0	0.3	0.3	0.4	0.39	0	0	0	0	0	0
12/21/2023 11:06	66703 STRA_T1	3	6	3	0.17	0.22	0.05	0	0	0	0	0	0	0	0
12/21/2023 11:06	57403 SPAN_T1	4	16	12	0.18	0.24	0.06	0.2	0.2	0	0	0	0	0	0
12/21/2023 11:06	40601 PIGR_T1	2	2	0	0.25	0.25	0	0	0	0	0	0	0	0	0
12/21/2023 11:07	57401 SPAN_T1	2	2	0	0.85	0.85	0	0	0	0	0	0	0	0	0
12/21/2023 11:08	57401 SPAN_T1	2	2	0	0.85	0.85	0	0	0	0	0	0	0	0	0
12/21/2023 11:09	60101 COCA_T1	1	2	1	0.1	0.25	0.15	0.46	0.41	0	0	0	0	0	0
12/21/2023 11:09	56801 BENV_T1	12	12	0	0.63	0.59	-0.04	-0.64	-0.64	1	1	0	600	600	0
12/21/2023 11:09	67502 WEWI_T2	6	7	1	0.3	0.41	0.11	0	0	0	0	0	0	0	0
12/21/2023 11:10	46004 BERW_T2	0	0	0	0	0	0	-0.6	-0.6	0	0	0	0	0	0
12/21/2023 11:10	29402 BELT_T1	1	1	0	7.4	7.3	-0.1	0	0	0	0	0	0	0	0
12/21/2023 11:10	27502 WEIS_T2	0	1	1	0	0	0	-0.41	-0.41	0	0	0	0	0	0
12/21/2023 11:11	56801 BENV_T1	12	12	0	0.63	0.59	-0.04	-0.64	-0.64	1	1	0	600	600	0
12/21/2023 11:13	60101 COCA_T1	1	2	1	0.1	0.25	0.15	0.46	0.41	0	0	0	0	0	0
12/21/2023 11:14	40101 HUNT_T2	11	3	-8	0.54	0.45	-0.09	-0.4	-0.4	0	0	0	0	0	0
12/21/2023 11:14	27502 WEIS_T2	0	1	1	0	0	0	-0.41	-0.41	0	0	0	0	0	0
12/21/2023 11:15	46903 MNTG_T2	3	11	8	0.43	0.56	0.13	0.16	0.06	1	1	0	600	600	0
12/21/2023 11:16	65502 MOJO_T2	0	110	110	0	0.12	0.12	0	0	0	0	0	0	0	0
12/21/2023 11:16	40101 HUNT_T2	2	3	1	0.45	0.8	0.35	-0.4	-0.4	0	0	0	0	0	0
12/21/2023 11:18	56501 ROCK_T2	0	1	1	0	0	0	0	0	0	0	0	0	0	0
12/21/2023 11:19	16402 MOPO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/21/2023 11:19	42802 SELI_T1	0	0	0	0	0	0	-8.14	-8.13	4	4	0	3600	3600	0
12/21/2023 11:20	67002 STHI_T2	37	121	84	0.25	0.21	-0.04	1.32	1.43	0	0	0	0	0	0
12/21/2023 11:21	67001 STHI_T2	202	468	266	0.13	0.21	0.08	0	0	0	0	0	0	0	0
12/21/2023 11:21	56501 ROCK_T2	0	1	1	0	0	0	0	0	0	0	0	0	0	0
12/21/2023 11:22	42801 SELI_T1	1	1	0	0	0	0	0	0	0	0	0	0	0	0
12/21/2023 11:22	16402 MOPO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/21/2023 11:22	56501 ROCK_T2	0	1	1	0	0	0	0	0	0	0	0	0	0	0
12/21/2023 11:23	42802 SELI_T1	0	0	0	0	0	0	-2.03	-2.07	1	1	0	900	900	0
12/21/2023 11:23	67401 WAKE_T2	0	1	1	0	0.3	0.3	-1.02	-1.08	0	0	0	0	0	0
12/21/2023 11:25	56501 ROCK_T2	0	1	1	0	0	0	0	0	0	0	0	0	0	0
12/21/2023 11:25	67605 WARW_T1	4	25	21	0.15	0.24	0.09	-1.35	-1.35	0	0	0	0	0	0
12/21/2023 11:25	65005 NEFF_T2	1	1	0	0.3	0.3	0	0	0	0	0	0	0	0	0
12/21/2023 11:25	45402 WBLO_T2	4	30	26	0.45	0.21	-0.24	-0.66	-0.69	0	0	0	0	0	0
12/21/2023 11:28	56802 BENV_T2	10	67	57	0.27	0.21	-0.06	-2.59	-2.63	0	0	0	0	0	0
12/21/2023 11:28	61801 EEU_T2	2	2	0	0.35	0.4	0.05	-0.55	-0.7	0	0	0	0	0	0
12/21/2023 11:32	62604 ENGL_T1	0	0	0	0	0	0	-0.38	-0.45	1	1	0	600	600	0
12/21/2023 11:33	62604 ENGL_T1	0	0	0	0	0	0	-0.38	-0.45	1	1	0	600	600	0
12/21/2023 11:34	64101 REFR_T1	0	0	0	0	0	0	-0.1	-0.1	0	0	0	0	0	0
12/21/2023 11:34	54206 PENN_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/21/2023 11:35	58401 MORO_T1	0	0	0	0	0	0	-0.79	-0.77	1	1	0	600	600	0
12/21/2023 11:35	66703 STRA_T1	5	22	17	0.24	0.37	0.13	0.07	0.02	0	0	0	0	0	0
12/21/2023 11:36	67002 STHI_T2	72	188	116	0.22	0.19	-0.03	2.87	2.87	0	0	0	0	0	0
12/21/2023 11:36	65902 SAKR_T2	0	0	0	0	0	0	-0.33	-0.42	1	1	0	300	300	0
12/21/2023 11:36	65001 NEFF_T2	2	1	-1	0.15	0.1	-0.05	-0.48	-0.43	1	1	0	1200	1200	0
12/21/2023 11:36	67605 WARW_T1	6	31	25	0.2	0.23	0.03	-1.35	-1.35	0	0	0	0	0	0
12/21/2023 11:36	59101 WALK_T2	1	2	1	0	0	0	3.52	3.73	2	2	0	900	900	0
12/21/2023 11:37	14403 SSLA_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/21/2023 11:37	62605 ENGL_T1	1	1	0	0.2	0.2	0	0	0	0	0	0	0	0	0
12/21/2023 11:37	67001 STHI_T2	287	527	240	0.17	0.23	0.06	0	0	0	0	0	0	0	0
12/21/2023 11:38	59101 WALK_T2	1	2	1	0	0	0	1.76	1.86	1	1	0	450	450	0
12/21/2023 11:38	66702 STRA_T1	0	0	0	0	0	0	0.26	0.12	6	6	0	5400	5400	0
12/21/2023 11:38	62604 ENGL_T1	0	0	0	0	0	0	-0.38	-0.45	1	1	0	600	600	0
12/21/2023 11:39	66501 SMAN_T2	2	5	3	0.55	0.58	0.03	0	0	0	0	0	0	0	0
12/21/2023 11:39	59101 WALK_T2	1	2	1	0	0	0	3.73	3.45	2	2	0	900	900	0
12/21/2023 11:40	66503 SMAN_T2	45	210	165	0.13	0.33	0.2	0	0	0	0	0	0	0	0
12/21/2023 11:40	20403 ASHF_T2	2	5	3	0.15	0.5	0.35	0.38	0	0	0	0	0	0	0
12/21/2023 11:40	60103 COCA_T1	2	5	3	0.2	0.4	0.2	0.42	0.4	0	0	0	0	0	0
12/21/2023 11:41	54502 ENOL_T2	0	1	1	0	0.2	0.2	0	0	0	0	0	0	0	0
12/21/2023 11:41	53501 EVIL_T2	9	9	0	1.22	1.62	0.4	-1.61	-1.65	2	2	0	1200	1200	0
12/21/2023 11:41	66504 SMAN_T2	1	4	3	0.6	0.48	-0.12	0	0	0	0	0	0	0	0
12/21/2023 11:41	60101 COCA_T1	2	5	3	0.2	0.4	0.2	0.83	0.8	0	0	0	0	0	0
12/21/2023 11:42	41801 GOCI_T2	1	4	3	0.1	0.43	0.33	0	0	0	0	0	0	0	0
12/21/2023 11:42	20403 ASHF_T2	2	5	3	0.15	0.5	0.35	0.18	0.19	0	0	0	0	0	0
12/21/2023 11:43	53501 EVIL_T2	9	9	0	1.22	1.62	0.4	-0.8	-0.82	1	1	0	600	600	0
12/21/2023 11:46	43201 MVIL_T2	0	0	0	0	0	0	-1.26	-1.29	0	0	0	0	0	0
12/21/2023 11:46	53501 EVIL_T2	9	9	0	0.78	1.66	0.88	-0.8	-0.82	1	1	0	600	600	0
12/21/2023 11:46	41801 GOCI_T2	3	20	17	0.33	0.29	-0.04	0	0	0	0	0	0	0	0
12/21/2023 11:47	64305 LINC_T1	0	1	1	0	0.1	0.1	0	0	0	0	0	0	0	0
12/21/2023 11:50	47401 PENS_T1	0	0	0	0	0	0	-1.4	-1.41	0	0	0	0	0	0
12/21/2023 11:50	64101 REFR_T1	0	0	0	0	0	0	-0.1	-0.08	0	0	0	0	0	0
12/21/2023 11:50	66901 SHIL_T2	119	207	88	0.19	0.27	0.08	-1.72	-1.69	1	1	0	1200	1200	0
12/21/2023 11:51	60305 TWVA_T2	0	0	0	0	0	0	2.3	2.18	0	0	0	0	0	0
12/21/2023 11:52	14403 SSLA_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/21/2023 11:52	67204 TEHI_T2	1	1	0	0.3	0.2	-0.1	-0.06	-0.08	0	0	0	0	0	0
12/21/2023 11:52	46001 BERW_T1	0	0	0	0	0	0	1.12	1.06	0	0	0	0	0	0
12/21/2023 11:52	67001 STHI_T2	466	547	81	0.21	0.25	0.04	0	0	0	0	0	0	0	0
12/21/2023 11:52	67502 WEWI_T2	1	1	0	1.1	1.1	0	-0.44	-0.36	0	0	0	0	0	0
12/21/2023 11:53	67001 STHI_T2	466	547	81	0.21	0.25	0.04	0	0	0	0	0	0	0	0
12/21/2023 11:53	67502 WEWI_T2	1	1	0	1.1	1.1	0	-0.15	-0.12	0	0	0	0	0	0
12/21/2023 11:53	67502 WEWI_T2	1	1	0	1.1	1.1	0	-0.15	-0.12	0	0	0	0	0	0
12/21/2023 11:56	46001 BERW_T1	0	0	0	0	0	0	1.06	1.04	0	0	0	0	0	0
12/21/2023 11:56	67502 WEWI_T2	1	1	0	1.1	1.1	0	-0.24	-0.46	0	0	0	0	0	0
12/21/2023 11:56	20403 ASHF_T2	4	7	3	0.45	0.41	-0.04	0.38	0.29	0	0	0	0	0	0
12/21/2023 11:56	67503 WEWI_T2	0	0	0	0	0	0	-0.23	-0.19	0	0	0	0	0	0
12/21/2023 12:01	61302 EARL_T1	1	1	0	0.1	0.2	0.1	0	0	0	0	0	0	0	0
12/21/2023 12:02	65002 NEFF_T2	0	1	1	0	0.1	0.1	0	0	0	0	0	0	0	0
12/21/2023 12:02	61303 EARL_T1	0	0	0	0	0	0	0.41	0.39	0	0	0	0	0	0
12/21/2023 12:03	61303 EARL_T1	0	0	0	0	0	0	0.41	0.39	0	0	0	0	0	0
12/21/2023 12:03	64101 REFR_T1	0	0	0	0	0	0	-0.08	-0.06	0	0	0	0	0	0
12/21/2023 12:03	64305 LINC_T1	0	1	1	0	0.1	0.1	0	0	0	0	0	0	0	0
12/21/2023 12:03	64204 KINZ_T1	1	1	0	1	1.4	0.4	0	0	0	0	0	0	0	0
12/21/2023 12:05	64101 REFR_T1	0	0	0	0	0	0	-0.08	-0.06	0	0	0	0	0	0
12/21/2023 12:06	60501 NMAN_T2	9	8	-1	1.91	2.09	0.18	0	0	0	0	0	0	0	0
12/21/2023 12:07	64101 REFR_T1	0	0	0	0	0	0	-0.15	-0.12	0	0	0	0	0	0
12/21/2023 12:08	64101 REFR_T1	0	0	0	0	0	0	-0.08	-0.06	0	0	0	0	0	0
12/21/2023 12:08	14403 SSLA_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/21/2023 12:08	59101 WALK_T2	1	1	0	0	0	0	3.45	3.59	2	2	0	900	900	0
12/21/2023 12:08	46001 BERW_T1	0	0	0	0	0	0	1.04	1.15	0	0	0	0	0	0
12/21/2023 12:10	59101 WALK_T2	1	1	0	0	0	0	3.59	3.17	2	2	0	900	900	0
12/21/2023 12:13	11405 FARM_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/21/2023 12:16	47403 PENS_T1	1	1	0	0.3	0.6	0.3	0	0	0	0	0	0	0	0
12/21/2023 12:17	44601 SALE_T2	0	0	0	0	0	0	0.64	0.9	1	1	0	600	600	0
12/21/2023 12:18	47401 PENS_T1	0	1	1	0	0.2	0.2	-0.45	-0.47	0	0	0	0	0	0
12/21/2023 12:21	47402 PENS_T1	1	1	0	0.8	0.3	-0.5	0	0	0	0	0	0	0	0
12/21/2023 12:23	60101 COCA_T1	2	0	-2	0.15	0	-0.15	0.37	0.31	0	0	0	0	0	0
12/21/2023 12:23	46004 BERW_T2	0	2	2	0	0.2	0.2	-0.65	-0.68	0	0	0	0	0	0
12/21/2023 12:23	60305 TWVA_T2	0	0	0	0	0	0	2.14	2.09	0	0	0	0	0	0
12/21/2023 12:26	61101 BERK_T5	4	4	0	0.18	0.25	0.07	0	0	0	0	0	0	0	0
12/21/2023 12:27	60101 COCA_T1	2	0	-2	0.15	0	-0.15	0.31	0.3	0	0	0	0	0	0
12/21/2023 12:28	60101 COCA_T1	2	0	-2	0.15	0	-0.15	0.31	0.3	0	0	0	0	0	0
12/21/2023 12:32	39601 LNFD_T1	7	14	7	0.56	0.53	-0.03	0	0	0	0	0	0	0	0
12/21/2023 12:37	64101 REFR_T1	0	1	1	0	0	0	-0.08	-0.07	0	0	0	0	0	0
12/21/2023 12:39	65001 NEFF_T2	1	1	0	0.3	0.3	0	0	0	0	0	0	0	0	0
12/21/2023 12:49	14802 TREI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/21/2023 12:51	14802 TREI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/21/2023 12:53	14801 TREI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/21/2023 13:00	54202 PENN_T2	0	0	0	0	0	0	0.77	0.82	0	0	0	0	0	0
12/21/2023 13:00	13105 NHAM_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/21/2023 13:03	54001 SDLE_T1	7	7	0	0.86	0.99	0.13	0	0	0	0	0	0	0	0
12/21/2023 13:04	43201 MVIL_T2	1	0	-1	0.3	0	-0.3	-1.31	-1.34	0	0	0	0	0	0
12/21/2023 13:04	54001 SDLE_T1	7	7	0	0.86	0.99	0.13	0	0	0	0	0	0	0	0
12/21/2023 13:08	20403 ASHF_T2	18	6	-12	0.27	0.23	-0.04	0.09	0.09	0	0	0	0	0	0
12/21/2023 13:10	20403 ASHF_T2	18	6	-12	0.27	0.23	-0.04	0	0	0	0	0	0	0	0
12/21/2023 13:13	57401 SPAN_T1	2	7	5	0.65	0.37	-0.28	0	0	0	0	0	0	0	0
12/21/2023 13:16	41801 GOCI_T2	2	4	2	0.2	0.28	0.08	0	0	0	0	0	0	0	0
12/21/2023 13:21	16301 ALPA_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/21/2023 13:21	67605 WARW_T1	16	16	0	0.33	0.28	-0.05	-1.24	-1.22	0	0	0	0	0	0
12/21/2023 13:22	67502 WEWI_T2	1	0	-1	0.2	0	-0.2	-0.19	-0.23	0	0	0	0	0	0
12/21/2023 13:22	67503 WEWI_T2	0	0	0	0	0	0	-0.31	-0.31	0	0	0	0	0	0
12/21/2023 13:23	16302 ALPA_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/21/2023 13:25	67502 WEWI_T2	1	0	-1	0.2	0	-0.2	-0.47	-0.41	0	0	0	0	0	0
12/21/2023 13:26	54505 ENOL_T2	1	1	0	0.8	0.8	0	0	0	0	0	0	0	0	0
12/21/2023 13:26	65005 NEFF_T2	1	1	0	0.3	0.5	0.2	0	0	0	0	0	0	0	0
12/21/2023 13:26	67502 WEWI_T2	1	0	-1	0.2	0	-0.2	-0.23	-0.2	0	0	0	0	0	0
12/21/2023 13:27	54505 ENOL_T2	1	1	0	0.8	0.8	0	0	0	0	0	0	0	0	0
12/21/2023 13:27	67502 WEWI_T2	1	0	-1	0.2	0	-0.2	-0.23	-0.2	0	0	0	0	0	0
12/21/2023 13:30	54502 ENOL_T2	1	1	0	0.3	0.2	-0.1	-2.03	-2	1	1	0	600	600	0
12/21/2023 13:35	47402 PENS_T1	1	1	0	0.7	0.3	-0.4	0	0	0	0	0	0	0	0
12/21/2023 13:36	16302 ALPA_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/21/2023 13:37	67303 WYOM_T2	0	0	0	0	0	0	-0.21	-0.22	0	0	0	0	0	0
12/21/2023 13:37	67605 WARW_T1	15	14	-1	0.28	0.24	-0.04	-1.22	-1.22	0	0	0	0	0	0
12/21/2023 13:37	67204 TEHI_T2	0	0	0	0	0	0	-0.11	-0.1	0	0	0	0	0	0
12/21/2023 13:41	53501 EVIL_T2	7	9	2	0.33	0.4	0.07	-0.8	-0.71	1	1	0	600	600	0
12/21/2023 13:41	16302 ALPA_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/21/2023 13:42	53501 EVIL_T2	7	9	2	0.33	0.4	0.07	-0.8	-0.71	1	1	0	600	600	0
12/21/2023 13:43	53501 EVIL_T2	7	9	2	0.33	0.4	0.07	-0.8	-0.71	1	1	0	600	600	0
12/21/2023 13:48	62604 ENGL_T1	0	0	0	0	0	0	-0.42	-0.41	1	1	0	600	600	0
12/21/2023 13:48	62607 ENGL_T1	0	0	0	0	0	0	-1.01	-1.02	1	1	0	300	300	0
12/21/2023 13:49

12/21/2023 14:26	16301 ALPA_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
12/21/2023 14:26	16302 ALPA_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
12/21/2023 14:28	46801 HEPB_T2	2	2	0	0.25	0.15	-0.1	0.58	0.62	0	0	0	0	0
12/21/2023 14:29	67502 WEWI_T2	0	0	0	0	0	0	-0.14	-0.19	0	0	0	0	0
12/21/2023 14:29	53501 EVIL_T2	8	9	1	0.69	1.23	0.54	-1.82	-2.15	2	2	0	1200	1200
12/21/2023 14:29	12701 MACU_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
12/21/2023 14:30	12701 MACU_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
12/21/2023 14:30	53501 EVIL_T2	8	10	2	0.45	1.33	0.88	-0.91	-1.07	1	1	0	600	600
12/21/2023 14:31	54206 PENN_T2	0	1	1	0	0.1	0.1	0	0	0	0	0	0	0
12/21/2023 14:32	50501 MECH_T1	4	4	0	1.05	0.95	-0.1	0	0	0	0	0	0	0
12/21/2023 14:32	47802 MOCA_T2	0	0	0	0	0	0	-0.83	-0.99	0	0	0	0	0
12/21/2023 14:33	47402 PENS_T1	0	1	1	0	0.3	0.3	0	0	0	0	0	0	0
12/21/2023 14:34	13105 NHAM_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
12/21/2023 14:34	64101 REFR_T1	0	0	0	0	0	0	-0.111	-0.08	0	0	0	0	0
12/21/2023 14:35	67605 WARW_T1	5	7	2	0.14	0.2	0.06	-1.25	-1.18	0	0	0	0	0
12/21/2023 14:36	67503 WEWI_T2	0	0	0	0	0	0	-0.19	-0.29	0	0	0	0	0
12/21/2023 14:36	66702 STRA_T1	0	0	0	0	0	0	0.26	0.22	3	3	0	2700	2700
12/21/2023 14:36	43001 ALWD_T1	8	11	3	0.1	0.17	0.07	0	0	0	0	0	0	0
12/21/2023 14:37	57401 SPAN_T1	2	2	0	0.5	0.55	0.05	0	0	0	0	0	0	0
12/21/2023 14:37	67001 STHI_T2	546	569	23	0.25	0.27	0.02	0	0	0	0	0	0	0
12/21/2023 14:37	43001 ALWD_T1	8	11	3	0.1	0.17	0.07	0	0	0	0	0	0	0
12/21/2023 14:37	64101 REFR_T1	0	0	0	0	0	0	-0.111	-0.088	0	0	0	0	0
12/21/2023 14:38	66902 SHIL_T2	13	55	42	0.11	0.12	0.01	0	0	0	0	0	0	0
12/21/2023 14:38	67503 WEWI_T2	0	0	0	0	0	0	-0.19	-0.29	0	0	0	0	0
12/21/2023 14:38	67502 WEWI_T2	0	0	0	0	0	0	-0.14	-0.19	0	0	0	0	0
12/21/2023 14:38	59101 WALK_T2	1	1	0	0	0	0	1.54	1.58	0	0	0	0	0
12/21/2023 14:40	59101 WALK_T2	1	1	0	0	0	0	3.15	2.19	0	0	0	0	0
12/21/2023 14:40	51107 CARL_T1	0	0	0	0	0	0	-0.13	-0.15	0	0	0	0	0
12/21/2023 14:40	60101 COCA_T1	0	0	0	0	0	0	0.3	0.34	0	0	0	0	0
12/21/2023 14:40	64101 REFR_T1	0	0	0	0	0	0	-0.08	-0.09	0	0	0	0	0
12/21/2023 14:40	46001 BERW_T1	0	0	0	0	0	0	1.11	1.18	0	0	0	0	0
12/21/2023 14:41	67502 WEWI_T2	0	0	0	0	0	0	-0.19	-0.24	0	0	0	0	0
12/21/2023 14:42	41801 GOCI_T2	1	1	0	0.5	0.2	-0.3	0	0	0	0	0	0	0
12/21/2023 14:43	28805 LAKE_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
12/21/2023 14:44	28805 LAKE_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
12/21/2023 14:44	60101 COCA_T1	0	0	0	0	0	0	0.3	0.34	0	0	0	0	0
12/21/2023 14:45	47001 HUGH_T2	0	0	0	0	0	0	-0.76	-0.75	0	0	0	0	0
12/21/2023 14:45	12701 MACU_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
12/21/2023 14:46	51108 CARL_T1	1	1	0	0.5	0.6	0.1	0	0	0	0	0	0	0
12/21/2023 14:46	12701 MACU_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
12/21/2023 14:48	52101 MEIS_T1	1	2	1	0.9	0.8	-0.1	0	0	0	0	0	0	0
12/21/2023 14:48	47802 MOCA_T2	0	0	0	0	0	0	-0.99	-1	0	0	0	0	0
12/21/2023 14:50	65003 NEFF_T2	3	4	1	0.17	0.2	0.03	0	0	0	0	0	0	0
12/21/2023 14:51	64101 REFR_T1	0	0	0	0	0	0	-0.08	-0.09	0	0	0	0	0
12/21/2023 14:52	16301 ALPA_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
12/21/2023 14:56	16301 ALPA_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
12/21/2023 15:02	47001 HUGH_T2	0	0	0	0	0	0	-0.75	-0.74	0	0	0	0	0
12/21/2023 15:04	13302 ORVI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
12/21/2023 15:06	13302 ORVI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
12/21/2023 15:09	15001 BLMO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
12/21/2023 15:11	16101 BING_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
12/21/2023 15:12	16101 BING_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
12/21/2023 15:12	10705 CATA_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
12/21/2023 15:14	41502 FAIR_T2	0	1	1	0	0	0	-1.64	-1.62	1	1	0	900	900
12/21/2023 15:16	40603 PIGR_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
12/21/2023 15:27	65003 NEFF_T2	0	0	0	0	0	0	-0.74	-0.81	1	1	0	1200	1200
12/21/2023 15:28	42201 SHEN_T2	0	0	0	0	0	0	-0.14	-0.14	1	1	0	600	600
12/21/2023 15:32	13105 NHAM_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
12/21/2023 15:37	65904 SAKR_T2	0	1	1	0	0	0	0	0	0	0	0	0	0
12/21/2023 15:51	66503 SMAN_T2	121	60	-61	0.15	0.12	-0.03	0	0	0	0	0	0	0
12/21/2023 15:54	40502 CRES_T2	6	6	0	0.17	0.15	-0.02	-0.22	-0.2	0	0	0	0	0
12/21/2023 15:55	11104 EGYP_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
12/21/2023 15:56	29401 BELT_T1	3	8	5	0.1	0.11	0.01	0	0	1	1	0	900	900
12/21/2023 15:58	11104 EGYP_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
12/21/2023 15:58	40502 CRES_T2	6	6	0	0.17	0.15	-0.02	-1.3	-1.19	0	0	0	0	0
12/21/2023 15:59	66505 SMAN_T2	3	3	0	0.93	0.6	-0.33	-0.21	-0.34	1	1	0	900	900
12/21/2023 16:14	65001 NEFF_T2	0	0	0	0	0	0	-0.77	-0.77	1	1	0	1200	1200
12/21/2023 16:25	65001 NEFF_T2	0	0	0	0	0	0	-0.77	-0.72	1	1	0	1200	1200
12/21/2023 16:40	40502 CRES_T2	0	8	8	0	0.16	0.16	-0.18	-0.72	0	0	0	0	0
12/21/2023 16:49	47401 PENS_T1	0	0	0	0	0	0	-0.47	-0.49	0	0	0	0	0
12/21/2023 16:55	49804 UNIV_T1	1	1	0	3.1	2.8	-0.3	0	0	0	0	0	0	0
12/21/2023 17:01	43202 MVIL_T2	0	0	0	0	0	0	-0.67	-0.66	0	0	0	0	0
12/21/2023 17:04	43201 MVIL_T2	0	1	1	0	0	0	0	0	0	0	0	0	0
12/21/2023 18:04	65003 NEFF_T2	4	7	3	0.18	0.13	-0.05	0	0	0	0	0	0	0
12/21/2023 18:07	13503 MCMI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
12/21/2023 18:14	13503 MCMI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
12/21/2023 18:22	41502 FAIR_T2	0	0	0	0	0	0	-1.61	-1.59	1	1	0	900	900
12/21/2023 18:26	62607 ENGL_T1	0	0	0	0	0	0	-1	-0.96	1	1	0	300	300
12/21/2023 18:32	29402 BELT_T1	1	1	0	5.6	5.3	-0.3	0	0	0	0	0	0	0
12/21/2023 18:32	16301 ALPA_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
12/21/2023 18:32	43401 BENT_T1	0	1	1	0	0	0	0	0	0	0	0	0	0
12/21/2023 18:32	67502 WEWI_T2	0	0	0	0	0	0	-1.26	-1.23	1	1	0	900	900
12/21/2023 18:33	16101 BING_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
12/21/2023 18:35	57403 SPAN_T1	7	6	-1	0.94	0.23	-0.71	0	0	0	0	0	0	0
12/21/2023 18:35	67502 WEWI_T2	0	0	0	0	0	0	-1.26	-1.23	1	1	0	900	900
12/21/2023 18:35	67503 WEWI_T2	0	0	0	0	0	0	-0.14	-0.12	0	0	0	0	0
12/21/2023 18:35	16302 ALPA_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
12/21/2023 18:35	15001 BLMO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
12/21/2023 18:36	52101 MEIS_T1	1	1	0	0.9	1.3	0.4	0	0	0	0	0	0	0
12/21/2023 18:36	60803 BUCK_T1	0	0	0	0	0	0	-1.37	-1.32	1	1	0	600	600
12/21/2023 18:36	47001 HUGH_T2	0	0	0	0	0	0	-0.55	-0.53	0	0	0	0	0
12/21/2023 18:36	16402 MOPO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
12/21/2023 18:36	29402 BELT_T1	1	1	0	5.6	5.3	-0.3	0	0	0	0	0	0	0
12/21/2023 18:36	16301 ALPA_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
12/21/2023 18:36	27502 WEIS_T2	1	0	-1	0.3	0	-0.3	-0.36	-0.41	0	0	0	0	0
12/21/2023 18:36	61306 EARL_T1	7	0	-7	0.2	0	-0.2	0	0	0	0	0	0	0
12/21/2023 18:36	12701 MACU_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
12/21/2023 18:36	16101 BING_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
12/21/2023 18:36	64204 KINZ_T1	1	1	0	0.8	0.9	0.1	0	0	0	0	0	0	0
12/21/2023 18:36	56501 ROCK_T2	2	2	0	0.9	0.95	0.05	-0.49	-0.75	0	0	0	0	0
12/21/2023 18:37	52101 MEIS_T1	1	1	0	0.9	1.3	0.4	0	0	0	0	0	0	0
12/21/2023 18:37	52403 GRPA_T2	6	3	-3	0.6	0.2	-0.4	0	0	0	0	0	0	0
12/21/2023 18:37	56802 BENV_T2	0	0	0	0	0	0	-2.52	-2.45	0	0	0	0	0
12/21/2023 18:37	16301 ALPA_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
12/21/2023 18:37	67503 WEWI_T2	0	0	0	0	0	0	-0.14	-0.12	0	0	0	0	0
12/21/2023 18:37	16402 MOPO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
12/21/2023 18:37	65503 MOJO_T2	0	0	0	0	0	0	-0.46	-0.39	0	0	0	0	0
12/21/2023 18:37	62604 ENGL_T1	1	1	0	0.3	0.3	0	-0.52	-0.46	1	1	0	600	600
12/21/2023 18:37	44301 BEAV_T2	0	0	0	0	0	0	-0.18	-0.09	1	1	0	600	600
12/21/2023 18:38	56802 BENV_T2	0	0	0	0	0	0	-1.26	-1.22	0	0	0	0	0
12/21/2023 18:38	67002 STHI_T2	0	0	0	0	0	0	0.57	0.56	0	0	0	0	0
12/21/2023 18:38	48302 ORHI_T2	3	3	0	0.57	0.43	-0.14	-0.51	-0.5	0	0	0	0	0
12/21/2023 18:38	47802 MOCA_T2	0	0	0	0	0	0	-0.92	-0.95	0	0	0	0	0
12/21/2023 18:38	59101 WALK_T2	1	1	0	0	0	0	0.8	0.49	2	2	0	1050	1050
12/21/2023 18:38	64101 REFR_T1	0	0	0	0	0	0	-0.03	-0.03	0	0	0	0	0
12/21/2023 18:38	39601 LNFD_T1	2	7	5	0.1	0.1	0	0	0	1	1	0	900	900
12/21/2023 18:39	47403 PENS_T1	1	1	0	2.2	2.2	0	0	0	0	0	0	0	0
12/21/2023 18:39	55001 NEWP_T1	1	0	-1	0.1	0	-0.1	0	0	0	0	0	0	0
12/21/2023 18:39	28805 LAKE_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
12/21/2023 18:39	66505 SMAN_T2	3	3	0	0.6	0.5	-0.1	0	0	0	0	0	0	0
12/21/2023 18:39	59101 WALK_T2	1	1	0	0	0	0	0.49	0.5	2	2	0	1050	1050
12/21/2023 18:39	64101 REFR_T1	0	0	0	0	0	0	-0.03	-0.01	0	0	0	0	0
12/21/2023 18:39	56802 BENV_T2	0	0	0	0	0	0	-1.22	-1.27	0	0	0	0	0
12/21/2023 18:40	57401 SPAN_T1	2	2	0	0.4	0.45	0.05	-0.67	-0.62	1	1	0	600	600
12/21/2023 18:40	55002 NEWP_T1	3	4	1	0.43	0.3	-0.13	-0.22	-0.2	0	0	0	0	0
12/21/2023 18:40	40502 CRES_T2	7	17	10	0.21	0.22	0.01	-0.59	-0.62	0	0	0	0	0
12/21/2023 18:40	67502 WEWI_T2	0	0	0	0	0	0	-1.23	-1.33	1	1	0	900	900
12/21/2023 18:40	51102 CARL_T1	2	2	0	0.1	0.1	0	0	0	0	0	0	0	0
12/21/2023 18:40	40101 HUNT_T2	122	196	74	0.51	0.51	0	-0.54	-0.57	0	0	0	0	0
12/21/2023 18:40	29402 BELT_T1	1	1	0	5.6	5.3	-0.3	0	0	0	0	0	0	0
12/21/2023 18:40	61306 EARL_T1	7	0	-7	0.2	0	-0.2	0	0	0	0	0	0	0
12/21/2023 18:40	56801 BENV_T1	1	2	1	0.1	0.35	0.25	-0.6	-0.63	1	1	0	600	600
12/21/2023 18:40	67002 STHI_T2	0	0	0	0	0	0	0.56	0.58	0	0	0	0	0
12/21/2023 18:40	66504 SMAN_T2	0	0	0	0	0	0	-0.36	-0.4	0	0	0	0	0
12/21/2023 18:40	57403 SPAN_T1	7	6	-1	0.94	0.23	-0.71	0.18	0.16	0	0	0	0	0
12/21/2023 18:40	56802 BENV_T2	0	0	0	0	0	0	-1.22	-1.27	0	0	0	0	0
12/21/2023 18:40	53501 EVIL_T2	1	0	-1	0.1	0	-0.1	-1.25	-1.23	1	1	0	600	600
12/21/2023 18:40	46802 HEPB_T1	0	0	0	0	0	0	-0.28	-0.27	0	0	0	0	0
12/21/2023 18:40	52501 PROG_T1	0	0	0	0	0	0	0.29	0.25	1	1	0	300	300
12/21/2023 18:40	20403 ASHF_T2	0	0	0	0	0	0	0.48	0.48	0	0	0	0	0
12/21/2023 18:40	11104 EGYP_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
12/21/2023 18:40	49803 UNIV_T1	0	0	0	0	0	0	-1.04	-1.02	0	0	0	0	0
12/21/2023 18:41	65003 NEFF_T2	6	21	15	0.12	0.11	-0.01	0	0	0	0	0	0	0
12/21/2023 18:41	47001 HUGH_T2	0	0	0	0	0	0	-0.53	-0.54	0	0	0	0	0
12/21/2023 18:41	44601 SALE_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
12/21/2023 18:41	45501 DERR_T2	3	3	0	1.37	1	-0.37	0.56	0.61	2	2	0	1800	1800
12/21/2023 18:41	52402 GRPA_T2	3	5	2	0.7	1.05	0.35	-0.94	-0.95	0	0	0	0	0
12/21/2023 18:41	55002 NEWP_T1	3	4	1	0.43	0.3	-0.13	-0.44	-0.4	0	0	0	0	0
12/21/2023 18:41	65901 SAKR_T2	1	1	0	8.6	9	0.4	-1.34	-1.37	1	1	0	900	900
12/21/2023 18:41	57401 SPAN_T1	2	2	0	0.4	0.45	0.05	-1.34	-1.23	2	2	0	1200	1200
12/21/2023 18:41	64101 REFR_T1	0	0	0	0	0	0	-0.05	-0.01	0	0	0	0	0
12/21/2023 18:41	13704 SCHN_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
12/21/2023 18:41	13503 MCMI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
12/21/2023 18:41	56501 ROCK_T2	2	2	0	0.9	0.95	0.05	-0.75	-0.74	0	0	0	0	0
12/21/2023 18:41	16302 ALPA_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
12/21/2023 18:41	53901 HAU_T2	0	1	1	0	0.2	0.2	0	0	0	0	0	0	0
12/21/2023 18:41	60101 COCA_T1	0	0	0	0	0	0	0.43	0.37	0	0	0	0	0
12/21/2023 18:41	56802 BENV_T2	0	0	0	0	0	0	-1.22	-1.27	0	0	0	0	0
12/21/2023 18:41	64801 MONE_T2	0	0	0	0	0	0	0.42	0.44	0	0	0	0	0
12/21/2023 18:41	44905 SCOT_T1	0	2	2	0	0	0	0	0	0	0	0	0	0
12/21/2023 18:41	59101 WALK_T2	1	1	0	0	0	0	0.49	0.5	2	2	0	1050	1050
12/21/2023 18:41	67103 SPRI_T1	0	0	0	0	0	0	-0.06	-0.09	0	0	0	0	0
12/21/2023 18:42	67502 WEWI_T2	0	0	0	0	0	0	-1.23	-1.33	1	1	0	900	900
12/21/2023 18:42	67001 STHI_T2	1	1	0	0.4	0.4	0	0	0	0	0	0	0	0
12/21/2023 18:42	67503 WEWI_T2	0	0	0	0	0	0	-0.12	-0.16	0	0	0	0	0
12/21/2023 18:42	57401 SPAN_T1	2	2	0	0.4	0.45	0.05	-0.67	-0.62	1	1	0	600	600
12/21/2023 18:42	66505 SMAN_T2	3	3	0	0.6	0.5	-0.1	-0.5	-0.39	1	1	0	900	900
12/21/2023 18:42	10705 CATA_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
12/21/2023 18:42	57404 SPAN_T2	0	0	0	0	0	0	1.31	1.38	0	0	0	0	0
12/21/2023 18:42	51102 CARL_T1	2	2	0	0.1	0.1	0	0	0	0	0	0	0	0
12/21/2023 18:42	61306 EARL_T1	7	0	-7	0.2	0	-0.2	0	0	0	0	0	0	0
12/21/2023 18:42	56501 ROCK_T2	2	2	0	0.9	0.95	0.05	-0.75	-0.74	0	0	0	0	0
12/21/2023 18:42	56802 BENV_T2	0	0	0	0	0	0	-2.45	-2.54	0	0	0	0	0
12/21/2023 18:42	12701 MACU_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
12/21/2023 18:42	40502 CRES_T2	7	17	10	0.21	0.22	0.01	-0.59	-0.62	0	0	0	0	0
12/21/2023 18:42	52004 LING_T2	1	1	0	0.8	0.5	-0.3	0.26	0.29	0	0	0	0	0
12/21/2023 18:42	60803 BUCK_T1	0	0	0	0	0	0	-1.32	-1.36	1	1	0	600	600
12/21/2023 18:42	64101 REFR_T1	0	0	0	0	0	0	-0.03	-0.01	0	0	0	0	0
12/21/2023 18:42	67605 WARW_T1	0	0	0	0	0	0	-1.12	-1.18	0	0	0	0	0
12/21/2023 18:42	67402 WAKE_T2	0	0	0	0	0	0	-0.39	-0.42	1	1	0	600	600
12/21/2023 18:42	16302 ALPA_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
12/21/2023 18:43	16301 ALPA_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
12/21/2023 18:43	66702 STRA_T1	0	0	0	0	0	0	0.2	0.09	3	3	0	2700	2700
12/21/2023 18:43	62604 ENGL_T1	1	1	0	0.3	0.3	0	-0.46	-0.49	1	1	0	600	600
12/21/2023 18:43	56504 ROCK_T2	0	0	0	0	0	0	-0.42	-0.42	0	0	0	0	0
12/21/2023 18:43	58402 MORO_T1	1	1	0	1.3	0	-1.3	0	0	0	0	0	0	0
12/21/2023 18:43	59302 MCAL_T1	1	1	0	0.2	0.4	0.2	-0.96	-0.99	1	1	0	600	600
12/21/2023 18:43	42802 SELI_T1	0	0	0	0	0	0	-2.29	-2.28	1	1	0	900	900
12/21/2023 18:43	56802 BENV_T2	0	0	0	0	0	0	-3.67	-3.81	0	0	0	0	0
12/21/2023 18:43	61801 EEU_T2	0	0	0

12/21/2023 18:45	56802 BENV_T2	0	0	0	0	0	0	-1.22	-1.27	0	0	0	0	0	0
12/21/2023 18:46	56504 ROCK_T2	0	0	0	0	0	0	-0.64	-0.63	0	0	0	0	0	0
12/21/2023 18:46	46004 BERW_T2	1	2	1	0.1	0.7	0.6	-0.68	-0.69	0	0	0	0	0	0
12/21/2023 18:46	29402 BELT_T1	1	1	0	5.3	5.9	0.6	0	0	0	0	0	0	0	0
12/21/2023 18:46	52401 GRPA_T2	3	4	1	0.4	0.1	-0.3	0	0	0	0	0	0	0	0
12/21/2023 18:46	56504 ROCK_T2	0	0	0	0	0	0	-0.64	-0.63	0	0	0	0	0	0
12/21/2023 18:46	43202 MVIL_T2	0	1	1	0	0.2	0.2	0	0	0	0	0	0	0	0
12/21/2023 18:46	42802 SELI_T1	0	0	0	0	0	0	-2.29	-2.28	1	1	0	900	900	0
12/21/2023 18:46	53501 EVIL_T2	0	0	0	0	0	0	-1.25	-1.23	1	1	0	600	600	0
12/21/2023 18:46	53601 DALM_T2	1	1	0	0.5	0.3	-0.2	-0.99	-0.97	1	1	0	900	900	0
12/21/2023 18:46	45502 DERR_T2	0	1	1	0	0	0	0	0	0	0	0	0	0	0
12/21/2023 18:46	40502 CRES_T2	8	18	10	0.16	0.24	0.08	-0.59	-0.62	0	0	0	0	0	0
12/21/2023 18:46	56802 BENV_T2	0	0	0	0	0	0	-1.22	-1.27	0	0	0	0	0	0
12/21/2023 18:46	40602 PIGR_T1	2	2	0	0.3	0.1	-0.2	0	0	0	0	0	0	0	0
12/21/2023 18:46	28805 LAKE_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/21/2023 18:46	59101 WALK_T2	1	1	0	0	0	0	0.49	0.5	2	2	0	1050	1050	0
12/21/2023 18:47	57403 SPAN_T1	5	13	8	0.2	0.28	0.08	0	0	0	0	0	0	0	0
12/21/2023 18:47	56501 ROCK_T2	2	2	0	1.05	0.9	-0.15	0	0	0	0	0	0	0	0
12/21/2023 18:47	64201 KINZ_T1	218	215	-3	0.26	0.25	-0.01	0	0	0	0	0	0	0	0
12/21/2023 18:47	12701 MACU_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/21/2023 18:47	52404 GRPA_T2	5	0	-5	0.2	0	-0.2	0	0	0	0	0	0	0	0
12/21/2023 18:47	45501 DERR_T2	3	3	0	1.23	1	-0.23	0.56	0.61	2	2	0	1800	1800	0
12/21/2023 18:47	67002 STHI_T2	0	0	0	0	0	0	0.56	0.58	0	0	0	0	0	0
12/21/2023 18:47	16301 ALPA_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/21/2023 18:47	64101 REFR_T1	0	0	0	0	0	0	-0.03	-0.01	0	0	0	0	0	0
12/21/2023 18:47	64301 LINC_T1	0	0	0	0	0	0	-0.32	-0.34	1	1	0	600	600	0
12/21/2023 18:47	59101 WALK_T2	1	1	0	0	0	0	0	0	0	0	0	0	0	0
12/21/2023 18:47	46903 MNTG_T2	3	8	5	0.1	0.13	0.03	-0.31	-0.35	1	1	0	600	600	0
12/21/2023 18:47	53501 EVIL_T2	0	0	0	0	0	0	-1.25	-1.23	1	1	0	600	600	0
12/21/2023 18:47	64802 MONE_T2	0	0	0	0	0	0	-0.02	-0.02	0	0	0	0	0	0
12/21/2023 18:47	58402 MORO_T1	0	1	1	0	0	0	-0.29	-0.35	3	3	0	1800	1800	0
12/21/2023 18:47	62604 ENGL_T1	1	2	1	0.3	0.3	0	-0.46	-0.49	1	1	0	600	600	0
12/21/2023 18:48	40101 HUNT_T2	110	198	88	0.54	0.53	-0.01	-0.54	-0.57	0	0	0	0	0	0
12/21/2023 18:48	47401 PENS_T1	0	0	0	0	0	0	-0.97	-1.02	0	0	0	0	0	0
12/21/2023 18:48	66702 STRA_T1	0	0	0	0	0	0	0.2	0.09	3	3	0	2700	2700	0
12/21/2023 18:48	11104 EGYP_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/21/2023 18:48	60201 ATGL_T2	0	0	0	0	0	0	0.23	0.24	1	1	0	300	300	0
12/21/2023 18:48	42802 SELI_T1	0	0	0	0	0	0	-2.29	-2.28	1	1	0	900	900	0
12/21/2023 18:48	44905 SCOT_T1	2	0	-2	0.25	0	-0.25	0	0	0	0	0	0	0	0
12/21/2023 18:48	40602 PIGR_T1	2	2	0	0.3	0.1	-0.2	0	0	1	1	0	600	600	0
12/21/2023 18:48	55002 NEWP_T1	4	4	0	0.3	0.38	0.08	-0.22	-0.2	0	0	0	0	0	0
12/21/2023 18:48	16302 ALPA_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/21/2023 18:48	16301 ALPA_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/21/2023 18:48	43001 ALWD_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/21/2023 18:48	58402 MORO_T1	0	1	1	0	0	0	0	0	0	0	0	0	0	0
12/21/2023 18:48	56801 BENV_T1	1	2	1	0.5	0.35	-0.15	-0.6	-0.63	1	1	0	600	600	0
12/21/2023 18:48	13302 ORVI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/21/2023 18:49	57403 SPAN_T1	5	13	8	0.2	0.28	0.08	0.18	0.16	0	0	0	0	0	0
12/21/2023 18:49	52101 MEIS_T1	1	1	0	1	1.3	0.3	0	0	0	0	0	0	0	0
12/21/2023 18:49	52401 GRPA_T2	3	4	1	0.4	0.1	-0.3	0	0	0	0	0	0	0	0
12/21/2023 18:49	46903 MNTG_T2	3	8	5	0.1	0.13	0.03	-0.31	-0.35	1	1	0	600	600	0
12/21/2023 18:49	62604 ENGL_T1	1	2	1	0.3	0.3	0	-0.46	-0.49	1	1	0	600	600	0
12/21/2023 18:49	47401 PENS_T1	0	0	0	0	0	0	-0.49	-0.51	0	0	0	0	0	0
12/21/2023 18:49	66901 SHIL_T2	0	0	0	0	0	0	-1.61	-1.62	1	1	0	1200	1200	0
12/21/2023 18:49	45402 WILO_T2	0	1	1	0	0.3	0.3	-0.56	-0.57	0	0	0	0	0	0
12/21/2023 18:49	43001 ALWD_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/21/2023 18:50	52102 MEIS_T1	0	4	4	0	0.15	0.15	0	0	1	1	0	450	450	0
12/21/2023 18:50	13503 MCMI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/21/2023 18:50	60101 COCA_T1	0	0	0	0	0	0	0.43	0.37	0	0	0	0	0	0
12/21/2023 18:50	40101 HUNT_T2	110	198	88	0.54	0.53	-0.01	-0.54	-0.57	0	0	0	0	0	0
12/21/2023 18:50	53901 HALI_T2	0	1	1	0	0.2	0.2	0	0	0	0	0	0	0	0
12/21/2023 18:50	13704 SCHN_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/21/2023 18:50	42902 MIDD_T2	13	11	-2	0.69	0.5	-0.19	0	0	0	0	0	0	0	0
12/21/2023 18:50	20403 ASHF_T2	0	0	0	0	0	0	0.48	0.48	0	0	0	0	0	0
12/21/2023 18:50	61801 EELI_T2	0	0	0	0	0	0	-0.95	-0.96	1	1	0	600	600	0
12/21/2023 18:50	56802 BENV_T2	0	0	0	0	0	0	-2.45	-2.54	0	0	0	0	0	0
12/21/2023 18:50	45802 HEGI_T2	0	0	0	0	0	0	0.62	0.71	0	0	0	0	0	0
12/21/2023 18:50	42201 SHEN_T2	0	0	0	0	0	0	-0.09	-0.12	1	1	0	600	600	0
12/21/2023 18:51	46801 HEPB_T2	1	0	-1	0.8	0	-0.8	0.65	0.63	0	0	0	0	0	0
12/21/2023 18:51	55105 WERT_T1	0	0	0	0	0	0	-0.46	-0.45	1	1	0	900	900	0
12/21/2023 18:51	45702 LIND_T2	1	1	0	0.8	0.8	0	-0.51	-0.47	0	0	0	0	0	0
12/21/2023 18:51	65001 NEFF_T2	0	0	0	0	0	0	-0.8	-0.81	1	1	0	1200	1200	0
12/21/2023 18:51	46001 BERW_T1	0	0	0	0	0	0	0.98	1.03	0	0	0	0	0	0
12/21/2023 18:51	64101 REFR_T1	0	0	0	0	0	0	-0.03	-0.01	0	0	0	0	0	0
12/21/2023 18:52	61303 EARL_T1	0	0	0	0	0	0	0.2	0.12	0	0	0	0	0	0
12/21/2023 18:52	60201 ATGL_T2	0	0	0	0	0	0	0.23	0.24	1	1	0	300	300	0
12/21/2023 18:52	14403 SSLA_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/21/2023 18:52	43202 MVIL_T2	0	1	1	0	0.2	0.2	-0.66	-0.68	0	0	0	0	0	0
12/21/2023 18:52	67002 STHI_T2	0	0	0	0	0	0	0.56	0.58	0	0	0	0	0	0
12/21/2023 18:52	13105 NHAM_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/21/2023 18:52	67502 WEWI_T2	0	0	0	0	0	0	-1.23	-1.33	1	0	-1	900	0	-900
12/21/2023 18:52	46001 BERW_T1	0	0	0	0	0	0	0.98	1.03	0	0	0	0	0	0
12/21/2023 18:52	40502 CRES_T2	8	18	10	0.16	0.24	0.08	-1.78	-1.86	0	0	0	0	0	0
12/21/2023 18:52	40101 HUNT_T2	110	198	88	0.54	0.53	-0.01	-0.54	-0.57	0	0	0	0	0	0
12/21/2023 18:52	42201 SHEN_T2	0	0	0	0	0	0	-0.09	-0.12	1	1	0	600	600	0
12/21/2023 18:52	56802 BENV_T2	0	0	0	0	0	0	-1.22	-1.27	0	0	0	0	0	0
12/21/2023 18:52	41902 REED_T1	17	40	23	0.51	0.34	-0.17	1.17	1.17	0	0	0	0	0	0
12/21/2023 18:53	42801 SELI_T1	1	1	0	0	0	0	0	0	0	0	0	0	0	0
12/21/2023 18:53	53501 EVIL_T2	0	0	0	0	0	0	-1.25	-1.23	1	1	0	600	600	0
12/21/2023 18:54	52102 MEIS_T1	0	4	4	0	0.15	0.15	0	0	1	1	0	450	450	0
12/21/2023 18:54	67605 WARW_T1	0	0	0	0	0	0	-1.18	-1.14	0	0	0	0	0	0
12/21/2023 18:54	42802 SELI_T1	0	0	0	0	0	0	-4.56	-4.63	2	2	0	1800	1800	0
12/21/2023 18:54	47403 PENS_T1	1	1	0	2.1	2.2	0.1	0	0	0	0	0	0	0	0
12/21/2023 18:54	41901 REED_T1	9	9	0	0.63	0.49	-0.14	0	0	0	0	0	0	0	0
12/21/2023 18:54	45802 HEGI_T2	0	0	0	0	0	0	0.71	0.67	0	0	0	0	0	0
12/21/2023 18:55	42802 SELI_T1	0	0	0	0	0	0	-2.28	-2.32	1	1	0	900	900	0
12/21/2023 18:56	40502 CRES_T2	8	18	10	0.16	0.24	0.08	-0.62	-0.62	0	0	0	0	0	0
12/21/2023 18:56	41902 REED_T1	17	40	23	0.51	0.34	-0.17	1.17	1.18	0	0	0	0	0	0
12/21/2023 18:56	40101 HUNT_T2	110	198	88	0.54	0.53	-0.01	-0.57	-0.54	0	0	0	0	0	0
12/21/2023 18:56	65901 SAXR_T2	1	2	1	9	8.6	-0.4	0	0	0	0	0	0	0	0
12/21/2023 18:56	66703 STRA_T1	0	0	0	0	0	0	-0.14	-0.1	0	0	0	0	0	0
12/21/2023 18:56	41801 GOCI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/21/2023 18:56	44905 SCOT_T1	2	0	-2	0.25	0	-0.25	0	0	0	0	0	0	0	0
12/21/2023 18:57	60101 COCA_T1	0	0	0	0	0	0	0.37	0.38	0	0	0	0	0	0
12/21/2023 18:57	45402 WILO_T2	0	1	1	0	0.3	0.3	-0.57	-0.56	0	0	0	0	0	0
12/21/2023 18:57	61303 EARL_T1	0	0	0	0	0	0	0.12	0.1	0	0	0	0	0	0
12/21/2023 18:58	40101 HUNT_T2	110	198	88	0.54	0.53	-0.01	-0.57	-0.54	0	0	0	0	0	0
12/21/2023 18:58	12701 MACU_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/21/2023 18:58	52101 MEIS_T1	1	1	0	1	1.3	0.3	0	0	0	0	0	0	0	0
12/21/2023 19:00	57401 SPAN_T1	2	2	0	0.4	0.3	-0.1	0	0	0	0	0	0	0	0
12/21/2023 19:03	64101 REFR_T1	0	0	0	0	0	0	-0.01	-0.05	0	0	0	0	0	0
12/21/2023 19:07	65001 NEFF_T2	0	0	0	0	0	0	-0.81	-0.83	1	1	0	1200	1200	0
12/21/2023 19:13	14403 SSLA_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/21/2023 19:13	67605 WARW_T1	0	0	0	0	0	0	-1.14	-1.12	0	0	0	0	0	0
12/21/2023 19:14	67605 WARW_T1	0	0	0	0	0	0	-1.14	-1.12	0	0	0	0	0	0
12/21/2023 19:14	60101 COCA_T1	0	0	0	0	0	0	0.38	0.39	0	0	0	0	0	0
12/21/2023 19:16	62604 ENGL_T1	1	1	0	0.3	0.2	-0.1	-0.5	-0.51	1	1	0	600	600	0
12/21/2023 19:20	42801 SELI_T1	1	1	0	0	0	0	0	0	0	0	0	0	0	0
12/21/2023 19:33	67605 WARW_T1	0	0	0	0	0	0	-1.12	-1.16	0	0	0	0	0	0
12/21/2023 19:34	65003 NEFF_T2	1	0	-1	0.1	0	-0.1	0	0	0	0	0	0	0	0
12/21/2023 19:34	67605 WARW_T1	0	0	0	0	0	0	-1.12	-1.16	0	0	0	0	0	0
12/21/2023 19:53	67605 WARW_T1	0	0	0	0	0	0	-1.16	-1.15	0	0	0	0	0	0
12/21/2023 19:54	67605 WARW_T1	0	0	0	0	0	0	-1.15	-1.16	0	0	0	0	0	0
12/21/2023 20:13	67605 WARW_T1	0	0	0	0	0	0	-1.16	-1.16	0	0	0	0	0	0
12/21/2023 20:14	67605 WARW_T1	0	0	0	0	0	0	-1.16	-1.16	0	0	0	0	0	0
12/21/2023 20:53	67605 WARW_T1	0	0	0	0	0	0	-0.97	-0.95	0	0	0	0	0	0
12/21/2023 20:54	67605 WARW_T1	0	0	0	0	0	0	-0.95	-1.01	0	0	0	0	0	0
12/21/2023 21:24	65001 NEFF_T2	0	3	3	0	0.1	0.1	-0.94	-0.94	1	1	0	1200	1200	0
12/21/2023 21:46	54505 ENOL_T2	1	1	0	1	1.1	0.1	0	0	0	0	0	0	0	0
12/21/2023 21:55	65001 NEFF_T2	3	0	-3	0.1	0	-0.1	-0.89	-0.96	1	1	0	1200	1200	0
12/21/2023 22:00	40902 JESH_T1	0	0	0	0	0	0	-0.68	-0.72	0	0	0	0	0	0
12/21/2023 22:16	65001 NEFF_T2	0	0	0	0	0	0	-0.96	-0.99	1	1	0	1200	1200	0
12/21/2023 23:11	57403 SPAN_T1	0	0	0	0	0	0	0.08	0.1	0	0	0	0	0	0
12/21/2023 23:14	65001 NEFF_T2	0	0	0	0	0	0	-0.98	-1.06	1	1	0	1200	1200	0
12/21/2023 23:56	65001 NEFF_T2	0	0	0	0	0	0	-1.17	-1.17	1	1	0	1200	1200	0
12/22/2023 0:22	65001 NEFF_T2	0	0	0	0	0	0	-1.17	-1.21	1	1	0	1200	1200	0
12/22/2023 1:10	65001 NEFF_T2	0	0	0	0	0	0	-1.27	-1.22	1	1	0	1200	1200	0
12/22/2023 1:36	65001 NEFF_T2	0	0	0	0	0	0	-1.22	-1.26	1	1	0	1200	1200	0
12/22/2023 2:18	65001 NEFF_T2	0	0	0	0	0	0	-1.24	-1.25	1	1	0	1200	1200	0
12/22/2023 2:39	65001 NEFF_T2	0	0	0	0	0	0	-1.28	-1.28	1	1	0	1200	1200	0
12/22/2023 3:31	65001 NEFF_T2	0	0	0	0	0	0	-1.28	-1.28	1	1	0	1200	1200	0
12/22/2023 4:19	65001 NEFF_T2	0	0	0	0	0	0	-1.26	-1.19	1	1	0	1200	1200	0
12/22/2023 4:40	65001 NEFF_T2	0	0	0	0	0	0	-1.22	-1.17	1	1	0	1200	1200	0
12/22/2023 4:55	65001 NEFF_T2	0	0	0	0	0	0	-1.17	-1.15	1	1	0	1200	1200	0
12/22/2023 5:43	65001 NEFF_T2	0	0	0	0	0	0	-1.09	-1.05	1	1	0	1200	1200	0
12/22/2023 6:09	65001 NEFF_T2	0	0	0	0	0	0	-1.01	-0.96	1	1	0	1200	1200	0
12/22/2023 6:51	65001 NEFF_T2	0	0	0	0	0	0	-0.81	-0.72	1	1	0	1200	1200	0
12/22/2023 7:22	65001 NEFF_T2	0	0	0	0	0	0	-0.73	-0.74	1	1	0	1200	1200	0
12/22/2023 7:53	43402 BENT_T1	0	0	0	0	0	0	-1.51	-1.49	2	2	0	1500	1500	0
12/22/2023 7:54	45501 DERR_T2	4	6	2	0.38	0.45	0.07	0.13	0.22	2	2	0	1800	1800	0
12/22/2023 7:55	43402 BENT_T1	0	0	0	0	0	0	-1.51	-1.49	2	2	0	1500	1500	0
12/22/2023 7:56	45501 DERR_T2	4	6	2	0.38	0.45	0.07	0.13	0.22	2	2	0	1800	1800	0
12/22/2023 8:02	40602 PIGR_T1	0	0	0	0	0	0	0	0	1	1	0	600	600	0
12/22/2023 8:10	42701 AUGU_T1	7	12	5	0.33	0.33	0	0	0	1	1	0	600	600	0
12/22/2023 8:19	49803 UNIV_T1	0	17	17	0	0.13	0.13	-0.93	-0.94	0	0	0	0	0	0
12/22/2023 8:22	29402 BELT_T1	1	1	0	7.4	7.6	0.2	0	0	0	0	0	0	0	0
12/22/2023 8:22	43402 BENT_T1	0	0	0	0	0	0	-1.49	-1.48	2	2	0	1500	1500	0
12/22/2023 8:24	60305 TWVA_T2	0	0	0	0	0	0	-1.61	-1.61	2	2	0	2400	2400	0
12/22/2023 8:27	52404 GRPA_T2	0	7	7	0	0	0	0.72	0.74	0	0	0	0	0	0
12/22/2023 8:30	13503 MCMI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/22/2023 8:32	55002 NEWP_T1	6	6	0	0.98	0.87	-0.11	-0.19	-0.2	0	0	0	0	0	0
12/22/2023 8:33	13503 MCMI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/22/2023 8:34	55002 NEWP_T1	6	6	0	0.98	0.87	-0.11	-0.19	-0.2	0	0	0	0	0	0
12/22/2023 8:35	55002 NEWP_T1	6	6	0	0.98	0.87	-0.11	-0.19	-0.2	0	0	0	0	0	0
12/22/2023 8:36	67103 SPRI_T1	0	0	0	0	0	0	-0.02	-0.07	0	0	0	0	0	0
12/22/2023 8:36	55002 NEWP_T1	6	6	0	0.98	0.87	-0.11	-0.19	-0.2	0	0	0	0	0	0
12/22/2023 8:40	40502 CRES_T2	15	16	1	0.21	0.25	0.04	-0.57	-0.56	0	0	0	16	0	0
12/22/2023 8:41	53601 DALM_T2	0	0	0	0	0	0	-0.37	-0.48	1	1	0	900	900	0
12/22/2023 8:42	52403 GRPA_T2	0	4	4	0	0	0	0	0	0	0	0	0	0	0
12/22/2023 8:44	40101 HUNT_T2	164	246	82	0.49	0.51	0.02	-0.51	-0.53	0	0	0	0	0	0
12/22/2023 8:46	65001 NEFF_T2	0	0	0	0	0	0	-0.62	-0.64	1	1	0	1200	1200	0
12/22/2023 8:48	55002 NEWP_T1	6	6	0	0.72	0.87	0.15	-0.2	-0.2	0	0	0	0	0	0
12/22/2023 8:52	67103 SPRI_T1	0	0	0	0	0	0	-0.07	0	0	0	0	0	0	0
12/22/2023 8:56	40502 CRES_T2	16	19	3	0.24	0.35	0.11	-0.56	-0.56	0	0	0	0	0	0
12/22/2023 9:00	56504 ROCK_T2	0	0	0	0	0	0	0	-0.02	0	0	0	0	0	0
12/22/2023 9:00	40602 PIGR_T1	0	1	1	0	0.1	0.1	0	0	1	1	0	600	600	0
12/22/2023 9:00	56501 ROCK_T2	47	9	-38	0.22	0.5	0.28	-1.68	-1.68	0	0	0	0	0	0
12/22/2023 9:00	41901 REED_T1	8	10	2	0.66	0.63	-0.03	0	0	0	0	0	0	0	0
12/22/2023 9:00	43304 WATS_T2	22	18	-4	0.5	0.3	-0.2	-0.11	-0.07	0	0	0	0	0	0

12/22/2023 9:42	40101 HUNT_T2	275	256	-19	0.94	0.71	-0.23	-0.95	-0.89	0	0	0	0	0	0
12/22/2023 9:44	41801 GOCI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/22/2023 9:44	40101 HUNT_T2	275	256	-19	0.94	0.71	-0.23	-0.47	-0.44	0	0	0	0	0	0
12/22/2023 9:44	13503 MCMI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/22/2023 9:46	40101 HUNT_T2	237	254	17	0.76	0.53	-0.23	-0.47	-0.44	0	0	0	0	0	0
12/22/2023 9:46	13503 MCMI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/22/2023 9:46	39601 LNFD_T1	0	0	0	0	0	0	0	0	1	1	0	900	900	0
12/22/2023 9:48	64101 REFR_T1	0	0	0	0	0	0	-0.02	-0.01	0	0	0	0	0	0
12/22/2023 9:49	56501 ROCK_T2	43	16	-27	0.28	0.17	-0.11	-1.68	-1.66	0	0	0	0	0	0
12/22/2023 9:49	66504 SMAN_T2	0	0	0	0	0	0	-0.32	-0.31	0	0	0	0	0	0
12/22/2023 9:50	56501 ROCK_T2	43	16	-27	0.28	0.17	-0.11	-1.68	-1.66	0	0	0	0	0	0
12/22/2023 9:50	40603 PIGR_T1	1	0	-1	0.3	0	-0.3	0	0	0	0	0	0	0	0
12/22/2023 9:50	64101 REFR_T1	0	0	0	0	0	0	-0.03	-0.01	0	0	0	0	0	0
12/22/2023 9:50	59101 WALK_T2	1	1	0	0	0	0	1.41	1.24	1	1	0	450	450	0
12/22/2023 9:51	56501 ROCK_T2	43	16	-27	0.28	0.17	-0.11	-1.68	-1.66	0	0	0	0	0	0
12/22/2023 9:52	42701 AUGU_T1	13	22	9	0.53	0.39	-0.14	0	0	1	1	0	600	600	0
12/22/2023 9:52	64101 REFR_T1	0	0	0	0	0	0	-0.05	-0.02	0	0	0	0	0	0
12/22/2023 9:52	40601 PIGR_T1	0	2	2	0	0.1	0.1	0	0	0	0	0	0	0	0
12/22/2023 9:52	56802 BENV_T2	1	2	1	0.3	0.5	0.2	-1.21	-1.21	0	0	0	0	0	0
12/22/2023 9:53	67502 WEWI_T2	0	0	0	0	0	0	-1.14	-1.15	1	1	0	900	900	0
12/22/2023 9:53	56802 BENV_T2	1	2	1	0.3	0.5	0.2	-1.21	-1.21	0	0	0	0	0	0
12/22/2023 9:53	66504 SMAN_T2	0	0	0	0	0	0	-0.64	-0.62	0	0	0	0	0	0
12/22/2023 9:53	56501 ROCK_T2	43	16	-27	0.28	0.17	-0.11	-1.68	-1.66	0	0	0	0	0	0
12/22/2023 9:53	59101 WALK_T2	1	1	0	0	0	0	2.83	2.49	2	2	0	900	900	0
12/22/2023 9:54	42701 AUGU_T1	13	22	9	0.53	0.39	-0.14	0	0	2	2	0	1200	1200	0
12/22/2023 9:54	40501 CRES_T2	1	6	5	0.1	0.17	0.07	0	0	0	0	0	0	0	0
12/22/2023 9:54	56501 ROCK_T2	43	16	-27	0.28	0.17	-0.11	-1.66	-1.7	0	0	0	0	0	0
12/22/2023 9:54	56802 BENV_T2	1	2	1	0.3	0.5	0.2	-1.21	-1.2	0	0	0	0	0	0
12/22/2023 9:55	64101 REFR_T1	0	0	0	0	0	0	-0.01	-0.01	0	0	0	0	0	0
12/22/2023 9:56	56802 BENV_T2	1	2	1	0.3	0.5	0.2	-1.21	-1.2	0	0	0	0	0	0
12/22/2023 9:56	40501 CRES_T2	1	6	5	0.1	0.17	0.07	0	0	0	0	0	0	0	0
12/22/2023 9:57	56802 BENV_T2	1	2	1	0.3	0.5	0.2	-1.21	-1.2	0	0	0	0	0	0
12/22/2023 9:58	40501 CRES_T2	1	6	5	0.1	0.17	0.07	0	0	0	0	0	0	0	0
12/22/2023 10:00	40502 CRES_T2	15	11	-4	0.3	0.45	0.15	-2.81	-3.23	0	0	0	0	0	0
12/22/2023 10:00	40101 HUNT_T2	254	195	-59	0.78	0.43	-0.35	-0.44	-0.45	0	0	0	0	0	0
12/22/2023 10:02	40101 HUNT_T2	254	195	-59	0.78	0.43	-0.35	-0.44	-0.45	0	0	0	0	0	0
12/22/2023 10:02	40601 PIGR_T1	2	4	2	0.1	0.1	0	0	0	0	0	0	0	0	0
12/22/2023 10:02	40502 CRES_T2	15	11	-4	0.3	0.45	0.15	-1.12	-1.29	0	0	0	0	0	0
12/22/2023 10:02	55002 NEWP_T1	5	3	-2	0.26	0.27	0.01	-0.18	-0.16	0	0	0	0	0	0
12/22/2023 10:03	55002 NEWP_T1	5	3	-2	0.26	0.27	0.01	-0.18	-0.16	0	0	0	0	0	0
12/22/2023 10:04	55002 NEWP_T1	5	3	-2	0.26	0.27	0.01	-0.18	-0.16	0	0	0	0	0	0
12/22/2023 10:04	41902 REED_T1	0	0	0	0	0	0	0.39	0.38	1	1	0	900	900	0
12/22/2023 10:06	41901 REED_T1	10	11	1	0.67	0.71	0.04	0	0	0	0	0	0	0	0
12/22/2023 10:06	64101 REFR_T1	0	0	0	0	0	0	-0.02	-0.02	0	0	0	0	0	0
12/22/2023 10:06	27502 WEIS_T2	0	0	0	0	0	0	-0.32	-0.32	0	0	0	0	0	0
12/22/2023 10:07	64101 REFR_T1	0	0	0	0	0	0	-0.01	-0.01	0	0	0	0	0	0
12/22/2023 10:08	64101 REFR_T1	0	0	0	0	0	0	-0.01	-0.01	0	0	0	0	0	0
12/22/2023 10:08	29401 BELT_T1	87	70	-17	0.43	0.33	-0.1	0	0	1	1	0	900	900	0
12/22/2023 10:10	29402 BELT_T1	3	3	0	3.07	2.7	-0.37	0	0	0	0	0	0	0	0
12/22/2023 10:10	20403 ASHF_T2	2	0	-2	0.1	0	-0.1	0.68	0.75	0	0	0	0	0	0
12/22/2023 10:10	46003 BERW_T2	1	1	0	4.4	2.7	-1.7	0	0	0	0	0	0	0	0
12/22/2023 10:10	27502 WEIS_T2	0	0	0	0	0	0	-0.32	-0.34	0	0	0	0	0	0
12/22/2023 10:11	53903 HALI_T2	2	2	0	0.7	0.8	0.1	-0.22	-0.22	0	0	0	0	0	0
12/22/2023 10:14	64202 KINZ_T1	0	2	2	0	0.15	0.15	0	0	0	0	0	0	0	0
12/22/2023 10:15	53903 HALI_T2	2	2	0	0.65	0.8	0.15	-0.22	-0.22	0	0	0	0	0	0
12/22/2023 10:15	52403 GRPA_T2	1	2	1	0.4	0.1	-0.3	0.12	0.09	0	0	0	0	0	0
12/22/2023 10:16	52402 GRPA_T2	1	1	0	2.3	2.9	0.6	-0.96	-0.98	0	0	0	0	0	0
12/22/2023 10:16	52402 GRPA_T2	1	1	0	2.3	2.9	0.6	-0.96	-0.98	0	0	0	0	0	0
12/22/2023 10:17	52403 GRPA_T2	1	2	1	0.4	0.1	-0.3	0	0	0	0	0	0	0	0
12/22/2023 10:17	55002 NEWP_T1	3	5	2	0.2	0.24	0.04	-0.16	-0.17	0	0	0	0	0	0
12/22/2023 10:17	64202 KINZ_T1	0	2	2	0	0.15	0.15	0	0	0	0	0	0	0	0
12/22/2023 10:17	40902 JESH_T1	0	0	0	0	0	0	-1.17	-1.15	1	1	0	600	600	0
12/22/2023 10:18	64204 KINZ_T1	1	1	0	0.8	0.8	0	0	0	0	0	0	0	0	0
12/22/2023 10:18	52503 PROG_T2	1	0	-1	7.8	0	-7.8	-0.48	-0.51	1	1	0	900	900	0
12/22/2023 10:18	39601 LNFD_T1	0	21	21	0	0	0	0	0	1	1	0	900	900	0
12/22/2023 10:19	64204 KINZ_T1	1	1	0	0.8	0.8	0	0	0	0	0	0	0	0	0
12/22/2023 10:19	52503 PROG_T2	1	0	-1	7.8	0	-7.8	-0.48	-0.51	1	1	0	900	900	0
12/22/2023 10:19	55002 NEWP_T1	3	5	2	0.2	0.24	0.04	-0.16	-0.17	0	0	0	0	0	0
12/22/2023 10:20	42201 SHEN_T2	0	0	0	0	0	0	-0.14	-0.16	1	1	0	600	600	0
12/22/2023 10:20	55002 NEWP_T1	3	5	2	0.2	0.24	0.04	-0.16	-0.17	0	0	0	0	0	0
12/22/2023 10:20	56501 ROCK_T2	13	11	-2	0.16	0.18	0.02	-1.7	-1.67	0	0	0	0	0	0
12/22/2023 10:21	56501 ROCK_T2	13	11	-2	0.16	0.18	0.02	-1.7	-1.67	0	0	0	0	0	0
12/22/2023 10:22	14403 SSLA_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/22/2023 10:22	43001 ALWD_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/22/2023 10:23	66702 STRA_T1	0	0	0	0	0	0	0.27	0.13	3	3	0	2700	2700	0
12/22/2023 10:23	14403 SSLA_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/22/2023 10:24	67502 WEWI_T2	0	0	0	0	0	0	-1.18	-1.16	1	1	0	900	900	0
12/22/2023 10:24	42202 SHEN_T2	1	1	0	0.3	0	-0.3	0	0	0	0	0	0	0	0
12/22/2023 10:25	67502 WEWI_T2	0	0	0	0	0	0	-2.36	-2.32	2	2	0	1800	1800	0
12/22/2023 10:26	40501 CRES_T2	6	6	0	0.17	0.18	0.01	0	0	0	0	0	0	0	0
12/22/2023 10:26	46004 BERW_T2	0	0	0	0	0	0	-0.61	-0.63	0	0	0	0	0	0
12/22/2023 10:26	46001 BERW_T1	0	0	0	0	0	0	0.85	0.8	0	0	0	0	0	0
12/22/2023 10:26	53903 HALI_T2	2	2	0	0.65	0.8	0.15	-0.22	-0.22	0	0	0	0	0	0
12/22/2023 10:27	46001 BERW_T1	0	0	0	0	0	0	0.85	0.8	0	0	0	0	0	0
12/22/2023 10:27	62604 ENGL_T1	0	0	0	0	0	0	-0.96	-0.96	2	2	0	1200	1200	0
12/22/2023 10:28	62604 ENGL_T1	0	0	0	0	0	0	-0.96	-0.96	2	2	0	1200	1200	0
12/22/2023 10:28	40505 CRES_T1	0	0	0	0	0	0	1.87	2.17	0	0	0	0	0	0
12/22/2023 10:28	11104 EGYP_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/22/2023 10:31	43201 MVIL_T2	0	0	0	0	0	0	-1.28	-1.24	0	0	0	0	0	0
12/22/2023 10:32	40602 PIGR_T1	2	2	0	0.45	0.4	-0.05	0	0	1	1	0	600	600	0
12/22/2023 10:32	48302 ORWI_T2	2	2	0	1.65	1	-0.65	0.08	0.26	0	0	0	0	0	0
12/22/2023 10:32	16402 MOPO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/22/2023 10:32	40602 PIGR_T1	2	2	0	0.45	0.4	-0.05	0	0	1	1	0	600	600	0
12/22/2023 10:33	56501 ROCK_T2	10	27	17	0.15	0.15	0	0	0	0	0	0	0	0	0
12/22/2023 10:33	64101 REFR_T1	0	0	0	0	0	0	-0.01	-0.01	0	0	0	0	0	0
12/22/2023 10:34	64101 REFR_T1	0	0	0	0	0	0	-0.01	-0.01	0	0	0	0	0	0
12/22/2023 10:36	65901 SAKR_T2	1	1	0	8.8	9.1	0.3	0	0	0	0	0	0	0	0
12/22/2023 10:36	16402 MOPO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/22/2023 10:36	67503 WEWI_T2	0	0	0	0	0	0	-0.07	-0.1	0	0	0	0	0	0
12/22/2023 10:37	45402 WBLO_T2	0	0	0	0	0	0	-0.45	-0.43	0	0	0	0	0	0
12/22/2023 10:37	16101 BING_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/22/2023 10:37	16302 ALPA_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/22/2023 10:38	43401 BENT_T1	1	2	1	0.5	0	-0.5	0	0	0	0	0	0	0	0
12/22/2023 10:38	64101 REFR_T1	0	0	0	0	0	0	-0.01	-0.01	0	0	0	0	0	0
12/22/2023 10:38	16302 ALPA_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/22/2023 10:38	60201 ATGL_T2	0	0	0	0	0	0	0.53	0.45	1	1	0	300	300	0
12/22/2023 10:38	16101 BING_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/22/2023 10:38	66505 SMAN_T2	0	0	0	0	0	0	-0.12	-0.1	2	2	0	1100	1100	0
12/22/2023 10:39	16302 ALPA_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/22/2023 10:39	64101 REFR_T1	0	0	0	0	0	0	-0.01	-0.01	0	0	0	0	0	0
12/22/2023 10:40	40505 CRES_T1	0	0	0	0	0	0	0.54	0.46	0	0	0	0	0	0
12/22/2023 10:40	16302 ALPA_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/22/2023 10:42	52403 GRPA_T2	1	4	3	0.1	0.2	0.1	0.09	0.1	0	0	0	0	0	0
12/22/2023 10:43	62604 ENGL_T1	0	0	0	0	0	0	-0.48	-0.5	1	1	0	600	600	0
12/22/2023 10:44	40101 HUNT_T2	116	203	87	0.45	0.45	0	-0.48	-0.46	0	0	0	0	0	0
12/22/2023 10:45	52402 GRPA_T2	1	1	0	2.9	3.1	0.2	0	0	0	0	0	0	0	0
12/22/2023 10:45	43202 MVIL_T2	0	0	0	0	0	0	-0.58	-0.57	0	0	0	0	0	0
12/22/2023 10:46	40101 HUNT_T2	199	142	-57	0.52	0.43	-0.09	-0.48	-0.46	0	0	0	0	0	0
12/22/2023 10:47	52402 GRPA_T2	1	1	0	2.9	3.1	0.2	0	0	0	0	0	0	0	0
12/22/2023 10:47	65001 NEFF_T2	0	0	0	0	0	0	-0.8	-0.7	1	1	0	1200	1200	0
12/22/2023 10:48	48302 ORWI_T2	2	2	0	1	1	0	0.26	0.24	0	0	0	0	0	0
12/22/2023 10:48	44904 SCOT_T1	0	0	0	0	0	0	0.18	0.19	0	0	0	0	0	0
12/22/2023 10:48	65001 NEFF_T2	0	0	0	0	0	0	-0.8	-0.7	1	1	0	1200	1200	0
12/22/2023 10:48	44902 SCOT_T2	0	0	0	0	0	0	-1.81	-1.78	0	0	0	0	0	0
12/22/2023 10:49	64101 REFR_T1	0	0	0	0	0	0	-0.01	-0.03	0	0	0	0	0	0
12/22/2023 10:49	66505 SMAN_T2	0	0	0	0	0	0	-0.1	0	2	2	0	1100	1100	0
12/22/2023 10:50	54001 SDLE_T1	1	4	3	0.4	0.58	0.18	0	0	0	0	0	0	0	0
12/22/2023 10:51	54001 SDLE_T1	1	4	3	0.4	0.58	0.18	0	0	0	0	0	0	0	0
12/22/2023 10:51	57401 SPAN_T1	0	0	0	0	0	0	-1.96	-1.96	2	2	0	1200	1200	0
12/22/2023 10:51	44901 SCOT_T2	0	0	0	0	0	0	0.01	-0.18	0	0	0	0	0	0
12/22/2023 10:52	64101 REFR_T1	0	0	0	0	0	0	-0.01	-0.03	0	0	0	0	0	0
12/22/2023 10:52	57401 SPAN_T1	0	0	0	0	0	0	-0.98	-0.98	1	1	0	600	600	0
12/22/2023 10:52	27502 WEIS_T2	0	0	0	0	0	0	-0.61	-0.76	0	0	0	0	0	0
12/22/2023 10:52	44901 SCOT_T2	0	0	0	0	0	0	0.01	-0.18	0	0	0	0	0	0
12/22/2023 10:53	54001 SDLE_T1	1	4	3	0.4	0.58	0.18	0	0	0	0	0	0	0	0
12/22/2023 10:53	57401 SPAN_T1	0	0	0	0	0	0	-0.98	-0.98	1	1	0	600	600	0
12/22/2023 10:53	44902 SCOT_T2	0	0	0	0	0	0	-0.89	-0.89	0	0	0	0	0	0
12/22/2023 10:54	67203 TEHI_T1	0	0	0	0	0	0	1.8	1.74	3	3	0	2100	2100	0
12/22/2023 10:54	51107 CARL_T1	0	0	0	0	0	0	0	0.04	0	0	0	0	0	0
12/22/2023 10:54	57401 SPAN_T1	0	0	0	0	0	0	-0.98	-0.95	1	1	0	600	600	0
12/22/2023 10:56	20402 ASHF_T2	1	2	1	0.1	0.3	0.2	0	0	0	0	0	0	0	0
12/22/2023 10:56	53903 HALI_T2	2	2	0	0.5	0.8	0.3	-0.22	-0.21	0	0	0	0	0	0
12/22/2023 10:56	29401 BELT_T1	42	78	36	0.25	0.38	0.13	0	0	1	1	0	900	900	0
12/22/2023 10:56	65001 NEFF_T2	0	0	0	0	0	0	-0.7	-0.7	1	1	0	1200	1200	0
12/22/2023 10:57	51107 CARL_T1	0	0	0	0	0	0	0	0.04	0	0	0	0	0	0
12/22/2023 10:58	27502 WEIS_T2	0	0	0	0	0	0	-0.38	-0.35	0	0	0	0	0	0
12/22/2023 10:59	57401 SPAN_T1	0	0	0	0	0	0	-0.98	-0.95	1	1	0	600	600	0
12/22/2023 11:00	40101 HUNT_T2	124	130	6	0.47	0.38	-0.09	-0.46	-0.49	0	0	0	0	0	0
12/22/2023 11:02	53903 HALI_T2	2	2	0	0.65	0.8	0.15	-0.22	-0.21	0	0	0	0	0	0
12/22/2023 11:02	45702 LIND_T2	1	1	0	0.1	1.5	1.4	-0.29	-0.32	0	0	0	0	0	0
12/22/2023 11:02	40101 HUNT_T2	124	130	6	0.47	0.38	-0.09	-0.46	-0.49	0	0	0	0	0	0
12/22/2023 11:03	65803 RTWN_T2	8	20	12	0.11	0.27	0.16	0	0	0	0	0	0	0	0
12/22/2023 11:05	66702 STRA_T1	0	0	0	0	0	0	0.08	0.16	3	3	0	2700	2700	0
12/22/2023 11:06	48303 ORWI_T2	0	1	1	0	4.3	4.3	0	0	0	0	0	0	0	0
12/22/2023 11:06	13704 SCHN_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/22/2023 11:07	57401 SPAN_T1	0	0	0	0	0	0	-0.98	-0.95	1	1	0	600	600	0
12/22/2023 11:07	13704 SCHN_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/22/2023 11:07	67204 TEHI_T2	0	0	0	0	0	0	0.04	0.1	0	0	0	0	0	0
12/22/2023 11:07	67503 WEWI_T2	0	0	0	0	0	0	-0.06	-0.04	0	0	0	0	0	0
12/22/2023 11:08	60803 BUCK_T1	0	0	0	0	0	0	-1.27	-1.28	1	1	0	600	600	0
12/22/2023 11:08	27502 WEIS_T2	0	0	0	0	0	0	-0.35	-0.36	0	0	0	0	0	0
12/22/2023 11:08	56802 BENV_T2	1	1	0	0.5	0.7	0.2	-1.18	-1.14	0	0	0	0	0	0
12/22/2023 11:09	60803 BUCK_T1	0	0	0	0	0	0	-1.28	-1.23	1	1	0	600	600	0
12/22/2023 11:10	60201 ATGL_T2	0	0	0	0	0	0	0.41	0.4	1	1	0	300	300	0
12/22/2023 11:10	44301 BEAV_T2	0	0	0	0	0	0	-0.34	-0.81	1	1	0	600	600	0
12/22/2023 11:10	67402 WAKE_T2	0	0	0	0	0	0	-0.37	-0.39	1	1	0	600	600	0
12/22/2023 11:11	67503 WEWI_T2	0	0	0	0	0	0	-0.04	-0.08	0	0	0	0	0	0
12/22/2023 11:12	56802 BENV_T2	1	1	0	0.5	0.7	0.2	-2.29	-2.36	0	0	0	0	0	0
12/22/2023 11:12	13704 SCHN_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/22/2023 11:14	27502 WEIS_T2	0	0	0	0	0	0	-0.35	-0.36	0	0	0	0	0	0
12/22/2023 11:14	64203 KINZ_T1	1	0	-1	0.4	0	-0.4	-0.59	-0.77	2	2	0	1800	1800	0
12/22/2023 11:15	59301 MCAL_T1	2	2	0	0.65	0.8	0.15	0	0	0	0	0	0	0	0
12/22/2023 11:16	42002 MNVL_T2	1	1	0	6.6	6.5	-0.1	-1.31	-1.32	0	0	0	0	0	0
12/22/2023 11:17	52102 MEIS_T1	0	1	1	0	0	0	0	0	1	1	0	450	450	0
12/22/2023 11:18	13302 ORVI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/22/2023 11:18	44901 SCOT_T2	0	0	0	0	0	0	-0.24	-0.22	0	0	0	0	0	0
12/22/2023 11:18	44601 SALE_T2	0	0	0	0	0	0	0.01	0.02	0	0	0	0	0	0
12/22/2023 11:19	64101 REFR_T1	0	0	0	0	0	0	-0.04	-0.02	0	0	0	0	0	0
12/22/2023 11:19	55002 NEWP_T1	6	6

12/22/2023 11:44	45802 HEGI_T2	0	0	0	0	0	0	-0.24	0.5	2	2	0	1200	1200	0
12/22/2023 11:45	65001 NEFF_T2	0	0	0	0	0	0	-0.62	-0.78	1	1	0	1200	1200	0
12/22/2023 11:46	59003 MIFF_T1	0	1	1	0	0.3	0.3	0.1	-0.01	0	0	0	0	0	0
12/22/2023 11:46	40501 CRES_T2	0	6	6	0	0.15	0.15	0	0	0	0	0	0	0	0
12/22/2023 11:46	48302 ORWI_T2	2	2	0	1.15	1.3	0.15	0.21	0.23	0	0	0	0	0	0
12/22/2023 11:47	59301 MCAL_T1	2	2	0	0.8	0.95	0.15	0	0	0	0	0	0	0	0
12/22/2023 11:47	13503 MCMI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/22/2023 11:48	46903 MNTG_T2	49	74	25	0.17	0.19	0.02	-0.06	0	1	1	0	600	600	0
12/22/2023 11:49	59003 MIFF_T1	0	1	1	0	0.3	0.3	0.1	-0.01	0	0	0	0	0	0
12/22/2023 11:49	57303 MOAL_T2	1	1	0	7.8	7.6	-0.2	0	0	0	0	0	0	0	0
12/22/2023 11:49	46903 MNTG_T2	49	74	25	0.17	0.19	0.02	-0.06	0	1	1	0	600	600	0
12/22/2023 11:50	48302 ORWI_T2	2	2	0	1.15	1.3	0.15	0.21	0.23	0	0	0	0	0	0
12/22/2023 11:50	44902 SCOT_T2	0	0	0	0	0	0	-0.92	-0.91	0	0	0	0	0	0
12/22/2023 11:51	44904 SCOT_T1	0	0	0	0	0	0	0.1	0.1	0	0	0	0	0	0
12/22/2023 11:52	16302 ALPA_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/22/2023 11:52	66702 STRA_T1	0	0	0	0	0	0	0.08	0.14	3	3	0	2700	2700	0
12/22/2023 11:54	16302 ALPA_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/22/2023 11:55	66703 STRA_T1	0	0	0	0	0	0	-0.02	0.05	0	0	0	0	0	0
12/22/2023 11:56	46001 BERW_T1	0	0	0	0	0	0	0.81	0.77	0	0	0	0	0	0
12/22/2023 11:59	11104 EGYP_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/22/2023 12:01	46903 MNTG_T2	74	15	-59	0.19	0.14	-0.05	0	0.01	1	1	0	600	600	0
12/22/2023 12:03	67605 WARW_T1	0	1	1	0	0	0	-0.99	-1	0	0	0	0	0	0
12/22/2023 12:04	67605 WARW_T1	0	1	1	0	0	0	-0.99	-1	0	0	0	0	0	0
12/22/2023 12:04	59301 MCAL_T1	2	2	0	0.8	1.05	0.25	0	0	0	0	0	0	0	0
12/22/2023 12:05	60502 NMAN_T2	0	1	1	0	0.3	0.3	-0.49	-0.45	0	0	0	0	0	0
12/22/2023 12:06	58402 MORO_T1	0	0	0	0	0	0	-0.97	0.02	2	2	0	1500	1500	0
12/22/2023 12:07	46003 BERW_T2	1	1	0	2.3	1.4	-0.9	0	0	0	0	0	0	0	0
12/22/2023 12:09	14801 TREI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/22/2023 12:18	13503 MCMI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/22/2023 12:19	59003 MIFF_T1	1	0	-1	0.3	0	-0.3	-0.16	0.53	0	0	0	0	0	0
12/22/2023 12:20	59002 MIFF_T1	2	0	-2	0.25	0	-0.25	0	0	0	0	0	0	0	0
12/22/2023 12:22	65001 NEFF_T2	0	0	0	0	0	0	-0.68	-0.77	1	1	0	1200	1200	0
12/22/2023 12:27	54505 ENOL_T2	1	1	0	0.3	0.4	0.1	0	0	0	0	0	0	0	0
12/22/2023 12:27	51604 DUKE_T2	5	6	1	0.12	0.25	0.13	-1.61	-1.61	1	1	0	900	900	0
12/22/2023 12:33	44904 SCOT_T1	0	0	0	0	0	0	0.1	0.16	0	0	0	0	0	0
12/22/2023 12:34	14403 SSLA_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/22/2023 12:36	58001 WCAR_T1	4	3	-1	0.73	0.13	-0.6	0	0	0	0	0	0	0	0
12/22/2023 12:38	58003 WCAR_T1	1	1	0	0.7	0.7	0	0.59	0.6	0	0	0	0	0	0
12/22/2023 12:38	44902 SCOT_T2	0	0	0	0	0	0	-1.82	-1.8	0	0	0	0	0	0
12/22/2023 12:42	61703 ELIZ_T1	100	237	137	0.2	0.42	0.22	-2.76	-2.49	2	2	0	2100	2100	0
12/22/2023 12:44	61703 ELIZ_T1	100	237	137	0.2	0.42	0.22	-2.76	-2.49	2	2	0	2100	2100	0
12/22/2023 12:45	61703 ELIZ_T1	236	187	-49	0.42	0.26	-0.16	-5.53	-4.97	4	4	0	4200	4200	0
12/22/2023 12:50	61701 ELIZ_T1	1	1	0	6	5.8	-0.2	0	0	0	0	0	0	0	0
12/22/2023 12:50	46903 MNTG_T2	7	18	11	0.11	0.16	0.05	0.07	0.03	1	1	0	600	600	0
12/22/2023 13:02	48302 ORWI_T2	2	2	0	0.9	0.75	-0.15	0.2	0.29	0	0	0	0	0	0
12/22/2023 13:03	63203 MGTN_T1	0	0	0	0	0	0	-0.2	-0.2	1	1	0	600	600	0
12/22/2023 13:04	48302 ORWI_T2	2	2	0	0.9	0.75	-0.15	0.2	0.29	0	0	0	0	0	0
12/22/2023 13:05	13503 MCMI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/22/2023 13:09	56802 BENV_T2	1	1	0	0.8	0.9	0.1	-1.19	-1.2	0	0	0	0	0	0
12/22/2023 13:16	13503 MCMI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/22/2023 13:19	46903 MNTG_T2	18	60	42	0.16	0.18	0.02	0	0	0	0	0	0	0	0
12/22/2023 13:19	65001 NEFF_T2	0	0	0	0	0	0	-0.79	-0.82	1	1	0	1200	1200	0
12/22/2023 13:22	16302 ALPA_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/22/2023 13:38	40502 CRES_T2	9	22	13	0.18	0.38	0.2	-0.09	-0.7	0	0	0	0	0	0
12/22/2023 13:46	48302 ORWI_T2	2	2	0	0.65	0.75	0.1	0.28	0.24	0	0	0	0	0	0
12/22/2023 13:50	48302 ORWI_T2	2	2	0	0.65	0.75	0.1	0.28	0.24	0	0	0	0	0	0
12/22/2023 13:51	65001 NEFF_T2	0	0	0	0	0	0	-0.86	-0.94	1	1	0	1200	1200	0
12/22/2023 13:53	14403 SSLA_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/22/2023 14:02	59003 MIFF_T1	0	0	0	0	0	0	-0.14	0.65	0	0	0	0	0	0
12/22/2023 14:04	59003 MIFF_T1	0	0	0	0	0	0	-0.14	0.65	0	0	0	0	0	0
12/22/2023 14:06	59101 WALK_T2	1	1	0	0	0	0	1.26	1.18	1	1	0	450	450	0
12/22/2023 14:07	67502 WEWI_T2	0	1	1	0	0.1	0.1	-1.19	-1.23	1	1	0	900	900	0
12/22/2023 14:07	59101 WALK_T2	1	1	0	0	0	0	2.52	2.36	2	2	0	900	900	0
12/22/2023 14:09	67502 WEWI_T2	0	1	1	0	0.1	0.1	-1.23	-1.23	1	1	0	900	900	0
12/22/2023 14:09	14403 SSLA_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/22/2023 14:10	40501 CRES_T2	10	1	-9	0.24	0.1	-0.14	0	0	0	0	0	0	0	0
12/22/2023 14:10	40505 CRES_T1	0	0	0	0	0	0	0.45	0.45	0	0	0	0	0	0
12/22/2023 14:10	67502 WEWI_T2	0	1	1	0	0.1	0.1	-3.68	-3.61	3	3	0	2700	2700	0
12/22/2023 14:10	59101 WALK_T2	1	1	0	0	0	0	1.18	1.14	1	1	0	450	450	0
12/22/2023 14:11	45502 DERR_T2	0	1	1	0	0	0	0	0	0	0	0	0	0	0
12/22/2023 14:11	67503 WEWI_T2	0	0	0	0	0	0	-0.22	-0.4	0	0	0	0	0	0
12/22/2023 14:12	67502 WEWI_T2	0	1	1	0	0.1	0.1	-1.23	-1.2	1	1	0	900	900	0
12/22/2023 14:12	40505 CRES_T1	0	0	0	0	0	0	2.25	2.25	0	0	0	0	0	0
12/22/2023 14:12	40502 CRES_T2	22	9	-13	0.38	0.2	-0.18	-0.93	-0.62	0	0	0	0	0	0
12/22/2023 14:14	61801 EEU_T2	0	0	0	0	0	0	-0.33	-0.31	0	0	0	0	0	0
12/22/2023 14:14	40501 CRES_T2	10	1	-9	0.24	0.1	-0.14	0	0	0	0	0	0	0	0
12/22/2023 14:14	27101 GFLD_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/22/2023 14:14	47901 HRDG_T1	0	0	0	0	0	0	1.14	1.12	0	0	0	0	0	0
12/22/2023 14:15	52102 MEIS_T1	3	27	24	0.13	0.18	0.05	0	0	1	1	0	450	450	0
12/22/2023 14:16	40502 CRES_T2	5	16	11	0.22	0.27	0.05	-0.23	-0.16	0	0	0	0	0	0
12/22/2023 14:16	47901 HRDG_T1	0	0	0	0	0	0	1.14	1.12	0	0	0	0	0	0
12/22/2023 14:17	52101 MEIS_T1	0	1	1	0	1.3	1.3	0	0	0	0	0	0	0	0
12/22/2023 14:17	65001 NEFF_T2	0	0	0	0	0	0	-0.89	-0.9	1	1	0	1200	1200	0
12/22/2023 14:18	52101 MEIS_T1	0	1	1	0	1.3	1.3	0	0	0	0	0	0	0	0
12/22/2023 14:19	58302 NOTT_T1	0	0	0	0	0	0	-0.51	-0.49	1	1	0	1200	1200	0
12/22/2023 14:20	52102 MEIS_T1	3	27	24	0.13	0.18	0.05	0	0	2	2	0	900	900	0
12/22/2023 14:21	52503 PROG_T2	0	0	0	0	0	0	-0.56	-0.56	1	1	0	900	900	0
12/22/2023 14:21	67503 WEWI_T2	0	0	0	0	0	0	-0.07	-0.13	0	0	0	0	0	0
12/22/2023 14:21	13704 SCHN_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/22/2023 14:21	52502 PROG_T2	0	0	0	0	0	0	-0.48	0.47	1	1	0	900	900	0
12/22/2023 14:22	59101 WALK_T2	1	1	0	0	0	0	1.18	1.14	1	1	0	450	450	0
12/22/2023 14:22	20403 ASHF_T2	0	0	0	0	0	0	0.33	0.3	0	0	0	0	0	0
12/22/2023 14:22	52501 PROG_T1	0	0	0	0	0	0	0.38	0.39	1	1	0	300	300	0
12/22/2023 14:22	13704 SCHN_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/22/2023 14:23	67502 WEWI_T2	1	10	9	0.1	0.12	0.02	-1.23	-1.2	1	1	0	900	900	0
12/22/2023 14:23	46001 BERW_T1	0	0	0	0	0	0	0.78	0.86	0	0	0	0	0	0
12/22/2023 14:24	60101 COCA_T1	0	0	0	0	0	0	0.41	0.39	0	0	0	0	0	0
12/22/2023 14:24	43001 ALWD_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/22/2023 14:26	67502 WEWI_T2	1	10	9	0.1	0.12	0.02	-3.61	-3.84	3	3	0	2700	2700	0
12/22/2023 14:26	45501 DERR_T2	2	3	1	0.25	0.8	0.55	-0.08	-0.06	2	2	0	1800	1800	0
12/22/2023 14:26	46001 BERW_T1	0	0	0	0	0	0	0.78	0.86	0	0	0	0	0	0
12/22/2023 14:27	60101 COCA_T1	0	0	0	0	0	0	0.41	0.39	0	0	0	0	0	0
12/22/2023 14:30	47901 HRDG_T1	0	0	0	0	0	0	1.12	1.15	0	0	0	0	0	0
12/22/2023 14:31	52101 MEIS_T1	1	1	0	0.1	1.3	1.2	0	0	0	0	0	0	0	0
12/22/2023 14:32	52102 MEIS_T1	2	27	25	0.1	0.18	0.08	0	0	1	1	0	450	450	0
12/22/2023 14:32	47901 HRDG_T1	0	0	0	0	0	0	1.12	1.15	0	0	0	0	0	0
12/22/2023 14:34	52101 MEIS_T1	1	1	0	0.1	1.3	1.2	0	0	0	0	0	0	0	0
12/22/2023 14:35	66702 STRA_T1	1	2	1	2.7	0	-2.7	0.25	0.41	3	3	0	2700	2700	0
12/22/2023 14:36	64101 REFR_T1	0	0	0	0	0	0	-0.01	-0.02	0	0	0	0	0	0
12/22/2023 14:37	55105 WERT_T1	0	1	1	0	0	0	-0.46	-0.47	1	1	0	900	900	0
12/22/2023 14:37	58302 NOTT_T1	0	0	0	0	0	0	-0.49	-0.41	1	1	0	1200	1200	0
12/22/2023 14:37	67503 WEWI_T2	0	0	0	0	0	0	-0.13	-0.08	0	0	0	0	0	0
12/22/2023 14:37	67503 WEWI_T2	0	0	0	0	0	0	-0.13	-0.08	0	0	0	0	0	0
12/22/2023 14:38	42503 ALTA_T2	0	0	0	0	0	0	-0.53	-0.51	0	0	0	0	0	0
12/22/2023 14:38	59101 WALK_T2	1	1	0	0	0	0	1.14	1.07	1	1	0	450	450	0
12/22/2023 14:39	65001 NEFF_T2	0	1	1	0	0.1	0.1	-0.96	-1.02	1	1	0	1200	1200	0
12/22/2023 14:39	67502 WEWI_T2	0	11	11	0	0.12	0.12	-1.28	-1.26	1	1	0	900	900	0
12/22/2023 14:40	67502 WEWI_T2	0	11	11	0	0.12	0.12	-1.28	-1.26	1	1	0	900	900	0
12/22/2023 14:40	40502 CRES_T2	9	16	7	0.19	0.26	0.07	-0.08	-0.05	0	0	0	0	0	0
12/22/2023 14:40	40505 CRES_T1	0	0	0	0	0	0	0.96	0.88	0	0	0	0	0	0
12/22/2023 14:41	67503 WEWI_T2	0	0	0	0	0	0	-0.08	-0.12	0	0	0	0	0	0
12/22/2023 14:42	40502 CRES_T2	9	16	7	0.19	0.26	0.07	-0.48	-0.3	0	0	0	0	0	0
12/22/2023 14:42	40505 CRES_T1	0	0	0	0	0	0	0.96	0.88	0	0	0	0	0	0
12/22/2023 14:44	40502 CRES_T2	9	16	7	0.19	0.26	0.07	-0.88	-0.55	0	0	0	0	0	0
12/22/2023 14:44	40505 CRES_T1	0	0	0	0	0	0	1.44	1.32	0	0	0	0	0	0
12/22/2023 14:45	27101 GFLD_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/22/2023 14:46	52102 MEIS_T1	27	8	-19	0.18	0.18	0	0	0	1	1	0	450	450	0
12/22/2023 14:46	63203 MGTN_T1	0	0	0	0	0	0	-0.15	-0.16	1	1	0	600	600	0
12/22/2023 14:46	47901 HRDG_T1	0	0	0	0	0	0	1.15	1.02	0	0	0	0	0	0
12/22/2023 14:47	52101 MEIS_T1	1	1	0	1.3	0.9	-0.4	0	0	0	0	0	0	0	0
12/22/2023 14:48	52102 MEIS_T1	27	8	-19	0.18	0.18	0	0	0	1	1	0	450	450	0
12/22/2023 14:48	40505 CRES_T1	0	0	0	0	0	0	0.48	0.44	0	0	0	0	0	0
12/22/2023 14:48	44601 SALE_T2	0	0	0	0	0	0	-0.07	-0.08	0	0	0	0	0	0
12/22/2023 14:48	13503 MCMI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/22/2023 14:51	57403 SPAN_T1	0	0	0	0	0	0	0.13	0.17	0	0	0	0	0	0
12/22/2023 14:54	57403 SPAN_T1	0	0	0	0	0	0	0.17	0.16	0	0	0	0	0	0
12/22/2023 14:55	61304 EARL_T1	0	1	1	0	0	0	0	0	0	0	0	0	0	0
12/22/2023 14:56	20401 ASHF_T2	1	0	-1	0.8	0	-0.8	0	0	0	0	0	0	0	0
12/22/2023 14:56	45501 DERR_T2	2	2	0	0.8	0.85	0.05	-0.13	-0.13	2	2	0	1800	1800	0
12/22/2023 14:58	61304 EARL_T1	0	1	1	0	0	0	0	0	0	0	0	0	0	0
12/22/2023 14:58	46801 HEPB_T2	3	3	0	0.23	0.33	0.1	0.71	0.66	0	0	0	0	0	0
12/22/2023 14:59	61304 EARL_T1	0	1	1	0	0	0	0	0	0	0	0	0	0	0
12/22/2023 15:00	12701 MACU_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/22/2023 15:03	52503 PROG_T2	0	0	0	0	0	0	-0.57	-0.56	1	1	0	900	900	0
12/22/2023 15:04	45303 WBER_T2	1	1	0	0.1	0	-0.1	-0.06	-0.22	0	0	0	0	0	0
12/22/2023 15:05	65902 SAAR_T2	0	1	1	0	0	0	0	0	0	0	0	0	0	0
12/22/2023 15:06	45303 WBER_T2	1	1	0	0.1	0	-0.1	-0.03	-0.11	0	0	0	0	0	0
12/22/2023 15:06	64101 REFR_T1	0	0	0	0	0	0	0.01	0.03	0	0	0	0	0	0
12/22/2023 15:14	40505 CRES_T1	0	0	0	0	0	0	0.45	0.5	0	0	0	0	0	0
12/22/2023 15:15	12701 MACU_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/22/2023 15:16	12701 MACU_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/22/2023 15:17	40902 JESH_T1	2	13	11	1.6	0	-1.6	-0.52	-0.54	0	0	0	0	0	0
12/22/2023 15:18	46504 LOHA_T1	2	2	0	0.55	0.75	0.2	0	0	0	0	0	0	0	0
12/22/2023 15:19	13704 SCHN_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/22/2023 15:20	52102 MEIS_T1	1	3	2	0.1	0.1	0	0	0	1	1	0	450	450	0
12/22/2023 15:34	47401 PENS_T1	0	0	0	0	0	0	1.44	1.52	0	0	0	0	0	0
12/22/2023 15:34	47802 MOCA_T2	0	0	0	0	0	0	-0.96	-0.99	0	0	0	0	0	0
12/22/2023 15:35	47401 PENS_T1	0	0	0	0	0	0	0.72	0.76	0	0	0	0	0	0
12/22/2023 15:40	56803 BENV_T1	1	0	-1	0.9	0	-0.9	0	0	0	0	0	0	0	0
12/22/2023 15:40	40502 CRES_T2	13	6	-7	0.38	0.27	-0.11	-0.05	-0.01	0	0	0	0	0	0
12/22/2023 15:41	56803 BENV_T1	1	0	-1	0.9	0	-0.9	0	0	0	0	0	0	0	0
12/22/2023 15:44	63401 HONY_T1	0	0	0	0	0	0	0.1	0	1	1	0	600	600	0
12/22/2023 15:44	52002 LING_T2	0	0	0	0	0	0	0.02	-0.03	0	0	0	0	0	0
12/22/2023 15:49	47401 PENS_T1	0	0	0	0	0	0	0.76	0.71	0	0	0	0	0	0
12/22/2023 15:50	47403 PENS_T1	0	1	1	0	2.5	2.5	0	0	0	0	0	0	0	0
12/22/2023 15:51	13704 SCHN_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/22/2023 15:54	56802 BENV_T2	5	4	-1	0.4	0.38	-0.02	-2.62	-2.56	0	0	0	0	0	0
12/22/2023 15:54	29402 BELT_T1	1	1	0	5.8	5.3	-0.5	0	0	0	0	0	0	0	0
12/22/2023 15:57	56802 BENV_T2	5	4	-1	0.4	0.38	-0.02	-1.31	-1.28	0	0	0	0	0	0
12/22/2023 15:59	64203 KINZ_T1	0	3	3	0	0	0	0	0	0	0	0	0	0	0
12/22/2023 16:03	64203 KINZ_T1	3	2	-1	2.73	0	-2.73	0	0	0	0	0	0	0	0
12/22/2023 16:13	65001 NEFF_T2	0	3	3	0	0.1	0.1	-1.11	-1.15	1	1	0	1200	1200	0
12/22/2023 16:19	47401 PENS_T1	0	0	0	0	0	0	0.7	0.72	0	0	0	0	0	0
12/22/2023 16:20	47401 PENS_T1	0	0	0	0	0	0	0.7	0.72	0	0	0	0	0	0
12/22/2023 16:21	47403 PENS_T1	1	1	0	2	1.2	-0.8	0	0	0	0	0	0	0	0
12/22/2023 16:29	52402 GRPA_T2	3	2	-1	1.63	3.2	1.57	0	0	0	0	0	0	0	0
12/22/2023 16:38	59101 WALK_T2	1	1	0	0	0	0	1.28	1.23	1	1	0	450	450	0
12/22/2023 16:39	59101 WALK_T2	1	1	0	0	0	0	1.23	0.86	1	1	0	450	450	0
12/22/2023 16:48	13503 MCMI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/22/2023 17:16	65001 N

12/22/2023 18:23	67503 WEWI_T2	0	0	0	0	0	0	-0.11	-0.02	0	0	0	0	0	0
12/22/2023 18:23	65901 SAKR_T2	2	1	-1	6.15	9.2	3.05	-1.25	-1.32	1	1	0	900	900	0
12/22/2023 18:24	46001 BERW_T1	0	0	0	0	0	0	0.8	0.75	0	0	0	0	0	0
12/22/2023 18:24	48302 ORWI_T2	2	2	0	0.6	0.8	0.2	0.21	0.19	0	0	0	0	0	0
12/22/2023 18:24	42201 SHEN_T2	0	0	0	0	0	0	-0.14	-0.13	1	1	0	600	600	0
12/22/2023 18:24	16302 ALPA_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/22/2023 18:24	14403 SSLA_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/22/2023 18:24	67103 SPRI_T1	0	0	1	0	0	0	-0.06	-0.08	0	0	0	0	0	0
12/22/2023 18:24	12701 MACU_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/22/2023 18:24	60803 BUCK_T1	0	0	0	0	0	0	-1.37	-1.34	1	1	0	600	600	0
12/22/2023 18:25	45303 WBER_T2	0	1	1	0	0.1	0.1	-0.15	-0.12	0	0	0	0	0	0
12/22/2023 18:26	62604 ENGL_T1	1	2	1	0.1	0.1	0	-0.53	-0.47	1	1	0	600	600	0
12/22/2023 18:26	64201 KINZ_T1	134	104	-30	0.23	0.54	0.31	-0.7	-0.7	3	3	0	1500	1500	0
12/22/2023 18:26	63203 MGTN_T1	0	0	0	0	0	0	-0.25	-0.25	1	1	0	600	600	0
12/22/2023 18:26	42201 SHEN_T2	0	0	0	0	0	0	-0.14	-0.13	1	1	0	600	600	0
12/22/2023 18:26	29401 BELT_T1	22	25	3	0.21	0.2	-0.01	0	0	0	0	0	0	0	0
12/22/2023 18:26	16101 BING_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/22/2023 18:27	43402 BENT_T1	0	5	5	0	0.2	0.2	-0.87	-0.88	1	1	0	900	900	0
12/22/2023 18:28	61303 EARL_T1	0	0	0	0	0	0	0.18	0.2	0	0	0	0	0	0
12/22/2023 18:28	67204 TEHI_T2	0	0	0	0	0	0	-0.06	-0.09	0	0	0	0	0	0
12/22/2023 18:28	67502 WEWI_T2	0	0	0	0	0	0	-1.27	-1.26	1	1	0	900	900	0
12/22/2023 18:28	40502 CRES_T2	11	13	2	0.47	0.45	-0.02	-0.58	-0.62	0	0	0	0	0	0
12/22/2023 18:29	65003 NEFF_T2	4	9	5	0.2	0.16	-0.04	0	0	0	0	0	0	0	0
12/22/2023 18:29	61303 EARL_T1	0	0	0	0	0	0	0.18	0.2	0	0	0	0	0	0
12/22/2023 18:29	44601 SALE_T2	0	0	0	0	0	0	-0.17	-0.18	0	0	0	0	0	0
12/22/2023 18:30	62604 ENGL_T1	1	2	1	0.1	0	-0.1	-0.53	-0.47	1	1	0	600	600	0
12/22/2023 18:30	60101 COCA_T1	0	0	0	0	0	0	0.38	0.42	0	0	0	0	0	0
12/22/2023 18:30	67502 WEWI_T2	0	1	1	0	0	0	-1.27	-1.26	1	1	0	900	900	0
12/22/2023 18:30	20403 ASHF_T2	1	5	4	1.1	0	-1.1	0.56	0.59	0	0	0	0	0	0
12/22/2023 18:31	16302 ALPA_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/22/2023 18:31	67203 TEHI_T1	0	0	0	0	0	0	1.68	1.71	1	1	0	900	900	0
12/22/2023 18:31	60201 ATGL_T2	0	0	0	0	0	0	0.21	0.35	1	1	0	300	300	0
12/22/2023 18:31	67502 WEWI_T2	0	1	1	0	0	0	-1.27	-1.26	1	1	0	900	900	0
12/22/2023 18:31	66701 STRA_T1	0	2	2	0	0	0	0	0	0	0	0	0	0	0
12/22/2023 18:31	27101 GFLD_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/22/2023 18:31	14403 SSLA_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/22/2023 18:32	14801 TREI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/22/2023 18:32	63401 HONY_T1	0	0	0	0	0	0	-0.08	-0.07	1	1	0	600	600	0
12/22/2023 18:32	46001 BERW_T1	0	0	0	0	0	0	0.8	0.75	0	0	0	0	0	0
12/22/2023 18:32	11104 EGYP_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/22/2023 18:32	40505 CRES_T1	0	0	0	0	0	0	0.59	0.59	0	0	0	0	0	0
12/22/2023 18:33	67503 WEWI_T2	0	0	0	0	0	0	-0.02	-0.02	0	0	0	0	0	0
12/22/2023 18:33	66505 SMAN_T2	3	3	0	0.47	1.23	0.76	0	0	0	0	0	0	0	0
12/22/2023 18:33	43202 MVIL_T2	0	0	0	0	0	0	-0.65	-0.61	0	0	0	0	0	0
12/22/2023 18:33	13704 SCHN_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/22/2023 18:34	40502 CRES_T2	13	8	-5	0.43	0.6	0.17	-1.16	-1.24	0	0	0	0	0	0
12/22/2023 18:34	45501 DERR_T2	0	1	1	0	0	0	0.05	0.06	2	2	0	1800	1800	0
12/22/2023 18:34	45303 WBER_T2	1	0	-1	0.1	0	-0.1	-0.15	-0.12	0	0	0	0	0	0
12/22/2023 18:34	20403 ASHF_T2	1	5	4	1.1	0	-1.1	0.56	0.59	0	0	0	0	0	0
12/22/2023 18:34	67402 WAKE_T2	0	0	0	0	0	0	-0.39	-0.39	1	1	0	600	600	0
12/22/2023 18:34	29402 BELT_T1	1	1	0	6.2	6.3	0.1	0	0	0	0	0	0	0	0
12/22/2023 18:34	41801 GOCI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/22/2023 18:35	41401 BENT_T1	0	1	1	0	1.4	1.4	0	0	0	0	0	0	0	0
12/22/2023 18:35	62607 ENGL_T1	2	0	-2	0.65	0	-0.65	0	0	0	0	0	0	0	0
12/22/2023 18:35	46003 BERW_T2	1	1	0	2.1	2.5	0.4	0	0	0	0	0	0	0	0
12/22/2023 18:35	64101 REFR_T1	1	0	-1	3.3	0	-3.3	0.03	0.04	0	0	0	0	0	0
12/22/2023 18:35	13704 SCHN_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/22/2023 18:35	14403 SSLA_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/22/2023 18:35	60801 BUCK_T1	3	0	-3	1.17	0	-1.17	0	0	0	0	0	0	0	0
12/22/2023 18:35	12701 MACU_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/22/2023 18:35	43202 MVIL_T2	0	0	0	0	0	0	-0.65	-0.61	0	0	0	0	0	0
12/22/2023 18:35	67103 SPRI_T1	1	0	-1	1.2	0	-1.2	-0.06	-0.08	0	0	0	0	0	0
12/22/2023 18:35	60201 ATGL_T2	0	0	0	0	0	0	0.21	0.35	1	1	0	300	300	0
12/22/2023 18:36	40501 CRES_T2	8	8	0	0.23	0.21	-0.02	0	0	0	0	0	0	0	0
12/22/2023 18:36	29402 BELT_T1	1	1	0	6.2	6.3	0.1	0	0	0	0	0	0	0	0
12/22/2023 18:36	40101 HUNT_T2	225	124	-101	0.67	0.47	-0.2	-0.55	-0.58	0	0	0	0	0	0
12/22/2023 18:36	40602 PIGR_T1	0	0	0	0	0	0	0	0	1	1	0	600	600	0
12/22/2023 18:36	67502 WEWI_T2	0	1	1	0	0	0	-1.27	-1.26	1	1	0	900	900	0
12/22/2023 18:36	45501 DERR_T2	0	1	1	0	0	0	0.05	0.06	2	2	0	1800	1800	0
12/22/2023 18:37	49803 UNIV_T1	0	0	0	0	0	0	-0.96	-0.98	0	0	0	0	0	0
12/22/2023 18:37	11104 EGYP_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/22/2023 18:38	42701 AUGU_T1	1	1	0	0.1	0.2	0.1	0	0	1	1	0	600	600	0
12/22/2023 18:38	40502 CRES_T2	13	8	-5	0.43	0.6	0.17	-0.62	-0.62	0	0	0	0	0	0
12/22/2023 18:38	40101 HUNT_T2	225	124	-101	0.67	0.47	-0.2	-0.58	-0.58	0	0	0	0	0	0
12/22/2023 18:38	29401 BELT_T1	21	29	8	0.18	0.22	0.04	0	0	1	1	0	900	900	0
12/22/2023 18:38	41801 GOCI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/22/2023 18:38	13704 SCHN_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/22/2023 18:39	65902 SAKR_T2	0	0	0	0	0	0	-0.5	-0.51	1	1	0	300	300	0
12/22/2023 18:39	66503 SMAN_T2	190	188	-2	0.39	0.36	-0.03	0	0	0	0	0	0	0	0
12/22/2023 18:39	61304 EARL_T1	0	2	2	0	0.1	0.1	0	0	0	0	0	0	0	0
12/22/2023 18:39	43401 BENT_T1	0	1	1	0	1.4	1.4	0	0	0	0	0	0	0	0
12/22/2023 18:39	47401 PENS_T1	0	0	0	0	0	0	0.66	0.71	0	0	0	0	0	0
12/22/2023 18:39	44901 SCOT_T2	0	0	0	0	0	0	-0.21	-0.23	0	0	0	0	0	0
12/22/2023 18:39	13503 MCMI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/22/2023 18:39	43201 MVIL_T2	0	0	0	0	0	0	-1.27	-1.28	0	0	0	0	0	0
12/22/2023 18:40	40501 CRES_T2	8	8	0	0.23	0.21	-0.02	0	0	0	0	0	0	0	0
12/22/2023 18:40	29401 BELT_T1	21	29	8	0.18	0.22	0.04	0	0	1	1	0	900	900	0
12/22/2023 18:40	40101 HUNT_T2	225	124	-101	0.67	0.47	-0.2	-0.58	-0.58	0	0	0	0	0	0
12/22/2023 18:40	29401 BELT_T1	21	29	8	0.18	0.22	0.04	0	0	1	1	0	900	900	0
12/22/2023 18:40	67503 WEWI_T2	0	0	0	0	0	0	-0.05	-0.2	0	0	0	0	0	0
12/22/2023 18:40	16402 MOPO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/22/2023 18:40	40603 PIGR_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/22/2023 18:40	40505 CRES_T1	0	0	0	0	0	0	0.59	0.56	0	0	0	0	0	0
12/22/2023 18:40	44902 SCOT_T2	0	0	0	0	0	0	-0.93	-0.9	0	0	0	0	0	0
12/22/2023 18:41	62607 ENGL_T1	2	0	-2	0.65	0	-0.65	0	0	0	0	0	0	0	0
12/22/2023 18:41	66703 STRA_T1	0	2	2	0	0	0	0	0	0	0	0	0	0	0
12/22/2023 18:42	42701 AUGU_T1	1	1	0	0.1	0.2	0.1	0	0	1	1	0	600	600	0
12/22/2023 18:42	40501 CRES_T2	8	8	0	0.23	0.21	-0.02	0	0	0	0	0	0	0	0
12/22/2023 18:42	45802 HEGI_T2	0	0	0	0	0	0	0.66	0.63	0	0	0	0	0	0
12/22/2023 18:42	40602 PIGR_T1	0	0	0	0	0	0	0	0	1	1	0	600	600	0
12/22/2023 18:42	47403 PENS_T1	1	1	0	2.2	2.4	0.2	0	0	0	0	0	0	0	0
12/22/2023 18:42	53501 EVIL_T2	0	0	0	0	0	0	-0.6	-0.58	0	0	0	0	0	0
12/22/2023 18:42	64101 REFR_T1	1	0	-1	3.3	0	-3.3	0.04	0.01	0	0	0	0	0	0
12/22/2023 18:42	40505 CRES_T1	0	0	0	0	0	0	0.59	0.56	0	0	0	0	0	0
12/22/2023 18:42	67502 WEWI_T2	0	1	1	0	0	0	-1.26	-1.27	1	1	0	900	900	0
12/22/2023 18:42	40101 HUNT_T2	225	124	-101	0.67	0.47	-0.2	-0.58	-0.58	0	0	0	0	0	0
12/22/2023 18:42	47802 MOCA_T2	0	0	0	0	0	0	-0.91	-0.91	0	0	0	0	0	0
12/22/2023 18:43	67502 WEWI_T2	0	1	1	0	0	0	0	0	0	0	0	0	0	0
12/22/2023 18:43	64101 REFR_T1	1	0	-1	3.3	0	-3.3	0.04	0.01	0	0	0	0	0	0
12/22/2023 18:43	47403 PENS_T1	1	1	0	2.2	2.4	0.2	0	0	0	0	0	0	0	0
12/22/2023 18:43	52503 PROG_T2	0	0	0	0	0	0	-0.58	-0.58	1	1	0	900	900	0
12/22/2023 18:44	66701 STRA_T1	0	2	2	0	0	0	0	0	0	0	0	0	0	0
12/22/2023 18:44	53601 DALM_T2	0	1	1	0	0	0	-0.04	-0.07	0	0	0	0	0	0
12/22/2023 18:44	13503 MCMI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/22/2023 18:44	59101 WALK_T2	1	4	3	0	0	0.94	1.16	1.16	1	1	0	450	450	0
12/22/2023 18:44	42701 AUGU_T1	1	1	0	0.1	0.2	0.1	0	0	1	1	0	600	600	0
12/22/2023 18:44	40501 CRES_T2	8	8	0	0.23	0.21	-0.02	0	0	0	0	0	0	0	0
12/22/2023 18:44	43202 MVIL_T2	0	0	0	0	0	0	-0.61	-0.62	0	0	0	0	0	0
12/22/2023 18:44	53501 EVIL_T2	0	0	0	0	0	0	-0.6	-0.58	0	0	0	0	0	0
12/22/2023 18:44	45802 HEGI_T2	0	0	0	0	0	0	0.66	0.63	0	0	0	0	0	0
12/22/2023 18:45	52101 MEIS_T1	1	1	0	0.6	1	0.4	0	0	0	0	0	0	0	0
12/22/2023 18:45	56501 ROCK_T2	0	6	6	0	0.1	0.1	-1.34	-1.36	0	0	0	0	0	0
12/22/2023 18:45	44902 SCOT_T2	0	0	0	0	0	0	-0.93	-0.9	0	0	0	0	0	0
12/22/2023 18:45	56802 BENV_T2	0	1	1	0	0.1	0.1	-1.28	-1.28	0	0	0	0	0	0
12/22/2023 18:45	65003 NEFF_T2	3	0	-3	0.13	0	-0.13	0	0	0	0	0	0	0	0
12/22/2023 18:45	49803 UNIV_T1	0	0	0	0	0	0	-0.98	-0.92	0	0	0	0	0	0
12/22/2023 18:45	66505 SMAN_T2	3	3	0	1.07	1.1	0.03	-0.41	-0.57	2	2	0	1100	1100	0
12/22/2023 18:45	64101 REFR_T1	0	0	0	0	0	0	0.04	0.01	0	0	0	0	0	0
12/22/2023 18:46	40502 CRES_T2	7	20	13	0.66	0.46	-0.2	-0.62	-0.62	0	0	0	0	0	0
12/22/2023 18:46	47401 PENS_T1	0	0	0	0	0	0	0.66	0.71	0	0	0	0	0	0
12/22/2023 18:46	52102 MEIS_T1	0	0	0	0	0	0	0	0	1	1	0	450	450	0
12/22/2023 18:46	52403 GRPA_T2	0	4	4	0	0.55	0.55	0.05	0.09	0	0	0	0	0	0
12/22/2023 18:46	40901 JESH_T1	1	1	0	0.4	0	-0.4	0	0	0	0	0	0	0	0
12/22/2023 18:46	53903 HALI_T2	2	2	0	0.5	0.7	0.2	-0.22	-0.22	0	0	0	0	0	0
12/22/2023 18:46	40505 CRES_T1	0	0	0	0	0	0	0.59	0.56	0	0	0	0	0	0
12/22/2023 18:46	55002 NEWP_T1	4	0	-4	0.78	0.9	0.12	-0.19	-0.21	0	0	0	0	0	0
12/22/2023 18:47	57401 SPAN_T1	4	0	-4	2.58	0	-2.58	0	0	0	0	0	0	0	0
12/22/2023 18:47	52404 GRPA_T2	0	0	0	0	0	0	0.05	0.03	0	0	0	0	0	0
12/22/2023 18:47	52503 PROG_T2	0	0	0	0	0	0	-0.58	-0.58	1	1	0	900	900	0
12/22/2023 18:47	46504 LOHA_T1	2	2	0	0.2	0.3	0.1	0	0	0	0	0	0	0	0
12/22/2023 18:47	44301 BEAV_T2	0	0	0	0	0	0	-0.83	-0.82	1	1	0	600	600	0
12/22/2023 18:47	56802 BENV_T2	0	1	1	0	0.1	0.1	-1.28	-1.28	0	0	0	0	0	0
12/22/2023 18:47	64101 REFR_T1	0	0	0	0	0	0	0.04	0.01	0	0	0	0	0	0
12/22/2023 18:48	40501 CRES_T2	7	9	2	0.21	0.3	0.09	0	0	0	0	0	0	0	0
12/22/2023 18:48	40505 CRES_T1	0	0	0	0	0	0	2.34	2.25	0	0	0	0	0	0
12/22/2023 18:48	57304 MOAL_T2	1	2	1	0.3	0	-0.3	-0.07	-0.12	0	0	0	0	0	0
12/22/2023 18:48	57401 SPAN_T1	4	0	-4	2.58	0	-2.58	-1.25	-1.27	1	1	0	600	600	0
12/22/2023 18:48	47901 HRDG_T1	0	0	0	0	0	0	1.58	1.45	0	0	0	0	0	0
12/22/2023 18:48	55002 NEWP_T1	4	4	0	0.78	0.9	0.12	-0.19	-0.21	0	0	0	0	0	0
12/22/2023 18:48	52403 GRPA_T2	0	4	4	0	0.55	0.55	0	0	0	0	0	0	0	0
12/22/2023 18:48	64101 REFR_T1	0	0	0	0	0	0	0.04	0.01	0	0	0	0	0	0
12/22/2023 18:49	52004 LING_T2	1	1	0	1	1	0	0	0	0	0	0	0	0	0
12/22/2023 18:49	67605 WARW_T1	0	2	2	0	0	0	-0.99	-0.96	0	0	0	0	0	0
12/22/2023 18:49	53501 EVIL_T2	0	1	1	0	0.2	0.2	-0.6	-0.58	0	0	0	0	0	0
12/22/2023 18:49	44902 SCOT_T2	0	0	0	0	0	0	-0.93	-0.9	0	0	0	0	0	0
12/22/2023 18:49	57401 SPAN_T1	4	0	-4	2.58	0	-2.58	-1.25	-1.27	1	1	0	600	600	0
12/22/2023 18:49	54001 SDLE_T1	4	4	0	0.45	0.65	0.2	0	0	0	0	0	0	0	0
12/22/2023 18:49	59101 WALK_T2	1	4	3	0	0	0.94	1.16	1.16	1	1	0	450	450	0
12/22/2023 18:49	45402 WILO_T2	0	1	1	0	0	-0.56	-0.57	0	0	0	0	0	0	0
12/22/2023 18:49	56501 ROCK_T2	0	6	6	0	0.1	0.1	-2.69	-2.73	0	0	0	0	0	0
12/22/2023 18:50	51108 CARL_T1	0	1	1	0	0.1	0.1	0	0	0	0	0	0	0	0
12/22/2023 18:50	56802 BENV_T2	0	1	1	0	0.1	0.1	-1.28	-1.28	0	0	0	0	0	0
12/22/2023 18:50	51604 DUKE_T2	0	0	0	0	0	0	-1.58	-1.56	1	1	0	900	900	0
12/22/2023 18:50	59101 WALK_T2	1	4	3	0	0	0.94	1.16	1.16	1	1	0	450	450	0
12/22/2023 18:50	40502 CRES_T2	7	20	13	0.66	0.46	-0.2	-1.24	-1.24	0	0	0	0	0	0
12/22/2023 18:50	40505 CRES_T1	0	0	0	0	0	0	1.17	1.13	0	0	0	0	0	0
12/22/2023 18:50	40602 PIGR_T1	0	0	0	0	0	0	0	0	1	1	0	600	600	0
12/22/2023 18:50	57401 SPAN_T1	4	0	-4	2.58	0	-2.58	-2.49	-2.54	2	2	0	1200	1200	0
12/22/2023 18:51	59003 MIFF_T1	0	0	0	0	0	0	0.53	0.69	0	0	0	0	0	0
12/22/2023 18:51	64101 REFR_T1	0	0	0	0	0	0	0.04	0.01	0	0	0	0	0	0
12/22/2023 18:51	52403 GRPA_T2	0	4	4	0	0.55	0.55	0.05	0.09	0	0	0	0	0	0
12/22/2023 18:51	56802 BENV_T2	0	1	1	0	0.1	0.1	-1.28	-1.28	0	0	0	0	0	0
12/22/2023 18:52	66505 SMAN_T2	3	3	0	1.07	1.1	0.03	-0.41	-0.57	2	2	0	1100	1100	0
12/22/2023 18:52	47403 PENS_T1	1	1	0	2.4	2.4	0	0	0	0	0	0	0	0	0
12/22/2023 18:52	41801 GOCI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/22/2023 18:52	57401 SPAN_T1	4	0	-4	2.58	0	-2.58	-1.25	-1.27	1	1	0	600	600	0
12/22/2023 18:52	47901 HRDG_T1	0	0	0	0	0	0	1.58	1.45	0	0	0	0	0	0
12/22/2023 18:52	61801 EELI_T2	0	0	0	0	0	0	-0.91	-0.93	1	1	0	600	600	0
12/22/2023 18:52	40602 PIGR_T1	0	0	0	0	0	0	0	0	1	1	0	600	600	0
12/22/2023 18:52	56802 BENV_T2	0	1	1	0	0.1	0.1	-1.28	-1.28	0	0

Appendix C - Grid Benefits Achieved in Each Instance of Active Management

12/22/2023 18:59	53903 HALI_T2	2	2	0	0.5	0.7	0.2	-0.22	-0.23	0	0	0	0	0	0
12/22/2023 18:59	42002 MNVL_T2	0	0	0	0	0	0	0.18	0.16	0	0	0	0	0	0
12/22/2023 19:00	46801 HEPB_T2	0	0	0	0	0	0	0.68	0.67	0	0	0	0	0	0
12/22/2023 19:00	52402 GRPA_T2	4	4	0	0.6	0.95	0.35	0	0	0	0	0	0	0	0
12/22/2023 19:00	45702 LIND_T2	1	5	4	1	1.1	0.1	-0.49	-0.52	0	0	0	0	0	0
12/22/2023 19:00	52101 MEIS_T1	1	1	0	0.7	1	0.3	0	0	0	0	0	0	0	0
12/22/2023 19:01	40901 JESH_T1	1	0	-1	1.6	0	-1.6	0	0	0	0	0	0	0	0
12/22/2023 19:01	52403 GRPA_T2	4	2	-2	0.4	0.2	-0.2	0	0	0	0	0	0	0	0
12/22/2023 19:01	56801 BENV_T1	10	13	3	0.43	0.68	0.25	-0.6	-0.55	1	1	0	600	600	0
12/22/2023 19:08	67603 WARW_T1	0	1	1	0	0	0	0	0	0	0	0	0	0	0
12/22/2023 19:09	67605 WARW_T1	1	11	10	1.6	0	-1.6	-1	-1.02	0	0	0	0	0	0
12/22/2023 19:13	57401 SPAN_T1	0	1	1	0	0	0	0	0	0	0	0	0	0	0
12/22/2023 19:26	57401 SPAN_T1	0	3	3	0	0	0	-1.39	-0.83	1	1	0	600	600	0
12/22/2023 19:26	47403 PENS_T1	1	1	0	1.5	2.2	0.7	0	0	0	0	0	0	0	0
12/22/2023 19:27	65001 NEFF_T2	2	23	21	0.1	0.11	0.01	-1.26	-1.29	1	1	0	1200	1200	0
12/22/2023 19:28	67605 WARW_T1	1	13	12	2.1	0	-2.1	-1.02	-1.01	0	0	0	0	0	0
12/22/2023 19:29	67603 WARW_T1	1	0	-1	2.7	0	-2.7	0	0	0	0	0	0	0	0
12/22/2023 19:32	57401 SPAN_T1	1	3	2	2.8	0	-2.8	-1.39	-0.83	1	1	0	600	600	0
12/22/2023 19:48	67605 WARW_T1	3	0	-3	2.1	0	-2.1	-1.01	-1.03	0	0	0	0	0	0
12/22/2023 19:49	67605 WARW_T1	3	0	-3	2.1	0	-2.1	-1.01	-1.03	0	0	0	0	0	0
12/22/2023 19:53	65001 NEFF_T2	22	81	59	0.11	0.14	0.03	-1.29	-1.31	1	1	0	1200	1200	0
12/22/2023 20:08	67605 WARW_T1	0	1	1	0	0	0	-1.03	-1.03	0	0	0	0	0	0
12/22/2023 20:09	67605 WARW_T1	0	1	1	0	0	0	-1.03	-1.04	0	0	0	0	0	0
12/22/2023 20:28	67603 WARW_T1	0	1	1	0	0	0	0	0	0	0	0	0	0	0
12/22/2023 20:29	67603 WARW_T1	0	1	1	0	0	0	0	0	0	0	0	0	0	0
12/22/2023 20:46	65001 NEFF_T2	96	186	90	0.15	0.22	0.07	-1.33	-1.35	1	1	0	1200	1200	0
12/22/2023 20:48	67603 WARW_T1	1	1	0	1.9	0	-1.9	0	0	0	0	0	0	0	0
12/22/2023 20:49	67605 WARW_T1	0	0	0	0	0	0	-1.07	-1.04	0	0	0	0	0	0
12/22/2023 21:08	67603 WARW_T1	0	1	1	0	0	0	0	0	0	0	0	0	0	0
12/22/2023 21:09	67603 WARW_T1	0	1	1	0	0	0	0	0	0	0	0	0	0	0
12/22/2023 21:28	67603 WARW_T1	1	0	-1	1.8	0	-1.8	0	0	0	0	0	0	0	0
12/22/2023 21:29	67603 WARW_T1	1	0	-1	1.8	0	-1.8	0	0	0	0	0	0	0	0
12/22/2023 21:48	67605 WARW_T1	0	0	0	0	0	0	-1.12	-1.13	0	0	0	0	0	0
12/22/2023 21:49	67605 WARW_T1	0	0	0	0	0	0	-1.12	-1.13	0	0	0	0	0	0
12/22/2023 22:08	67605 WARW_T1	0	0	0	0	0	0	-1.13	-1.11	0	0	0	0	0	0
12/22/2023 22:09	67605 WARW_T1	0	0	0	0	0	0	-1.11	-1.14	0	0	0	0	0	0
12/22/2023 22:28	67605 WARW_T1	0	1	1	0	0	0	-1.14	-1.14	0	0	0	0	0	0
12/22/2023 22:29	67605 WARW_T1	0	1	1	0	0	0	-1.14	-1.14	0	0	0	0	0	0
12/22/2023 22:31	65001 NEFF_T2	0	0	0	0	0	0	-1.44	-1.42	1	1	0	1200	1200	0
12/22/2023 22:48	67605 WARW_T1	1	0	-1	0.9	0	-0.9	-1.14	-1.16	0	0	0	0	0	0
12/22/2023 22:49	67605 WARW_T1	1	0	-1	0.9	0	-0.9	-1.14	-1.16	0	0	0	0	0	0
12/22/2023 23:08	67605 WARW_T1	0	0	0	0	0	0	-1.16	-1	0	0	0	0	0	0
12/22/2023 23:09	67605 WARW_T1	0	0	0	0	0	0	-1	-1	0	0	0	0	0	0
12/22/2023 23:28	67605 WARW_T1	0	0	0	0	0	0	-1	-1.06	0	0	0	0	0	0
12/22/2023 23:29	67605 WARW_T1	0	0	0	0	0	0	-1	-1.06	0	0	0	0	0	0
12/22/2023 23:42	65001 NEFF_T2	11	4	-7	0.15	0.1	-0.05	-1.44	-1.46	1	1	0	1200	1200	0
12/23/2023 0:06	65001 NEFF_T2	3	4	1	0.1	0.1	0	-1.46	-1.45	1	1	0	1200	1200	0
12/23/2023 0:47	65001 NEFF_T2	0	0	0	0	0	0	-1.47	-1.49	1	1	0	1200	1200	0
12/23/2023 0:48	67605 WARW_T1	0	1	1	0	0.1	0.1	-1.03	-1.06	0	0	0	0	0	0
12/23/2023 0:49	67605 WARW_T1	0	1	1	0	0.1	0.1	-1.03	-1.06	0	0	0	0	0	0
12/23/2023 1:08	65001 NEFF_T2	0	0	0	0	0	0	-1.49	-1.49	1	1	0	1200	1200	0
12/23/2023 1:08	67605 WARW_T1	0	2	2	0	0.2	0.2	-1.06	-1.08	0	0	0	0	0	0
12/23/2023 1:09	67605 WARW_T1	0	2	2	0	0.2	0.2	-1.08	-1.08	0	0	0	0	0	0
12/23/2023 1:28	67605 WARW_T1	1	2	1	0.1	0.2	0.1	-1.08	-1.1	0	0	0	0	0	0
12/23/2023 1:29	67605 WARW_T1	1	2	1	0.1	0.2	0.1	-1.08	-1.1	0	0	0	0	0	0
12/23/2023 1:48	67605 WARW_T1	2	0	-2	0.2	0	-0.2	-1.1	-1.08	0	0	0	0	0	0
12/23/2023 1:49	67605 WARW_T1	2	0	-2	0.2	0	-0.2	-1.1	-1.08	0	0	0	0	0	0
12/23/2023 1:55	65001 NEFF_T2	0	0	0	0	0	0	-1.48	-1.48	1	1	0	1200	1200	0
12/23/2023 2:01	65001 NEFF_T2	0	3	3	0	0.1	0.1	-1.48	-1.48	1	1	0	1200	1200	0
12/23/2023 2:08	67605 WARW_T1	0	3	3	0	0.1	0.1	-1.08	-1.08	0	0	0	0	0	0
12/23/2023 2:09	67605 WARW_T1	0	3	3	0	0.1	0.1	-1.08	-1.05	0	0	0	0	0	0
12/23/2023 3:14	65001 NEFF_T2	4	3	-1	0.13	0.1	-0.03	-1.52	-1.52	1	1	0	1200	1200	0
12/23/2023 3:46	65001 NEFF_T2	2	3	1	0.1	0.1	0	-1.49	-1.54	1	1	0	1200	1200	0
12/23/2023 4:07	65001 NEFF_T2	3	0	-3	0.1	0	-0.1	-1.54	-1.57	1	1	0	1200	1200	0
12/23/2023 4:59	65001 NEFF_T2	3	0	-3	0.1	0	-0.1	-1.49	-1.51	1	1	0	1200	1200	0
12/23/2023 5:41	65001 NEFF_T2	0	0	0	0	0	0	-1.5	-1.48	1	1	0	1200	1200	0
12/23/2023 7:00	65001 NEFF_T2	0	0	0	0	0	0	-1.43	-1.37	1	1	0	1200	1200	0
12/23/2023 7:26	65001 NEFF_T2	0	0	0	0	0	0	-1.37	-1.36	1	1	0	1200	1200	0
12/23/2023 7:42	65001 NEFF_T2	0	0	0	0	0	0	-1.36	-1.2	1	1	0	1200	1200	0
12/23/2023 7:51	43402 BENT_T1	1	1	0	0.1	0	-0.1	-0.91	-0.91	1	1	0	900	900	0
12/23/2023 7:56	43402 BENT_T1	1	1	0	0.1	0	-0.1	-0.91	-0.9	1	1	0	900	900	0
12/23/2023 8:10	43402 BENT_T1	0	1	1	0	0	0	-0.9	-0.87	1	1	0	900	900	0
12/23/2023 8:18	13503 MCMI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/23/2023 8:21	49803 UNIV_T1	0	0	0	0	0	0	-1.01	-1	0	0	0	0	0	0
12/23/2023 8:23	13503 MCMI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/23/2023 8:23	60305 TWVA_T2	0	0	0	0	0	0	-1.68	-1.66	2	2	0	2400	2400	0
12/23/2023 8:24	65001 NEFF_T2	0	0	0	0	0	0	-1.28	-1.23	1	1	0	1200	1200	0
12/23/2023 8:31	55001 NEWP_T1	0	1	1	0	0.1	0.1	0	0	0	0	0	0	0	0
12/23/2023 8:34	52102 MEIS_T1	1	0	-1	3.2	0	-3.2	0	0	0	0	0	0	0	0
12/23/2023 8:34	67103 SPRI_T1	0	0	0	0	0	0	-0.2	-0.16	0	0	0	0	0	0
12/23/2023 8:35	67103 SPRI_T1	0	0	0	0	0	0	-0.2	-0.16	0	0	0	0	0	0
12/23/2023 8:39	53601 DALM_T2	1	1	0	3.9	0	-3.9	-0.09	-0.14	0	0	0	0	0	0
12/23/2023 8:42	52402 GRPA_T2	1	1	0	2	2	0	0	0	0	0	0	0	0	0
12/23/2023 9:00	40101 HUNT_T2	11	39	28	0.45	0.56	0.11	-0.45	-0.44	0	0	0	0	0	0
12/23/2023 9:00	56504 ROCK_T2	0	0	0	0	0	0	-0.03	-0.1	0	0	0	0	0	0
12/23/2023 9:00	43304 WATS_T2	4	7	3	0.55	0.27	-0.28	-0.75	-0.72	0	0	0	0	0	0
12/23/2023 9:00	59102 WALK_T2	0	0	0	0	0	0	0.29	0.31	0	0	0	0	0	0
12/23/2023 9:00	59102 WALK_T2	0	0	0	0	0	0	0.29	0.31	0	0	0	0	0	0
12/23/2023 9:00	41901 REED_T1	1	0	-1	0.2	0	-0.2	0	0	0	0	0	0	0	0
12/23/2023 9:00	16402 MOPO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/23/2023 9:00	67503 WEWI_T2	0	1	1	0	0	0	-0.18	-0.23	0	0	0	0	0	0
12/23/2023 9:00	40502 CRES_T2	7	9	2	0.14	0.2	0.06	-0.72	-0.66	0	0	0	0	0	0
12/23/2023 9:00	43202 MVIL_T2	0	1	1	0	0	0	-1.27	-1.31	0	0	0	0	0	0
12/23/2023 9:00	43001 ALWD_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/23/2023 9:00	52102 MEIS_T1	0	1	1	0	0	0	0	0	0	0	0	0	0	0
12/23/2023 9:00	23401 HONE_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/23/2023 9:00	27502 WEIS_T2	0	0	0	0	0	0	-0.45	-0.44	0	0	0	0	0	0
12/23/2023 9:00	53903 HALI_T2	1	0	-1	0.1	0	-0.1	-0.23	-0.21	0	0	0	0	0	0
12/23/2023 9:01	53501 EVIL_T2	2	3	1	0.2	0.15	-0.05	-0.65	-0.64	0	0	0	0	0	0
12/23/2023 9:06	46004 BERW_T2	0	1	1	0	0	0	-0.72	-0.74	0	0	0	0	0	0
12/23/2023 9:06	41902 REED_T1	13	20	7	0.46	0.16	-0.3	2.12	2.09	0	0	0	0	0	0
12/23/2023 9:07	67401 WAKE_T2	0	0	0	0	0	0	-1.1	-1.13	0	0	0	0	0	0
12/23/2023 9:08	57403 SPAN_T1	2	0	-2	2.3	0	-2.3	0.18	0.14	0	0	0	0	0	0
12/23/2023 9:08	43401 BENT_T1	1	0	-1	0.3	0	-0.3	0	0	0	0	0	0	0	0
12/23/2023 9:08	49803 UNIV_T1	1	0	-1	0.1	0	-0.1	-0.99	-1.01	0	0	0	0	0	0
12/23/2023 9:10	43401 BENT_T1	1	0	-1	0.3	0	-0.3	0	0	0	0	0	0	0	0
12/23/2023 9:10	40502 CRES_T2	7	9	2	0.14	0.2	0.06	-0.66	-0.68	0	0	0	0	0	0
12/23/2023 9:10	60305 TWVA_T2	0	0	0	0	0	0	-1.66	-1.64	2	2	0	2400	2400	0
12/23/2023 9:14	13503 MCMI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/23/2023 9:16	40101 HUNT_T2	16	45	29	0.48	0.61	0.13	-0.44	-0.39	0	0	0	0	0	0
12/23/2023 9:16	48302 ORWI_T2	2	2	0	0.35	0.65	0.3	-0.48	-0.45	0	0	0	0	0	0
12/23/2023 9:16	52102 MEIS_T1	0	1	1	0	0	0	0	0	0	0	0	0	0	0
12/23/2023 9:18	55002 NEWP_T1	6	6	0	0.58	0.62	0.04	-0.17	-0.17	0	0	0	0	0	0
12/23/2023 9:19	52102 MEIS_T1	0	1	1	0	0	0	0	0	0	0	0	0	0	0
12/23/2023 9:20	67103 SPRI_T1	0	0	0	0	0	0	-0.21	-0.18	0	0	0	0	0	0
12/23/2023 9:21	49803 UNIV_T1	0	1	1	0	0	0	-0.99	-1.01	0	0	0	0	0	0
12/23/2023 9:22	67103 SPRI_T1	0	0	0	0	0	0	-0.41	-0.35	0	0	0	0	0	0
12/23/2023 9:24	29402 BELT_T1	1	1	0	5.6	5.9	0.3	0	0	0	0	0	0	0	0
12/23/2023 9:27	53601 DALM_T2	1	0	-1	5.5	0	-5.5	-0.07	-0.09	0	0	0	0	0	0
12/23/2023 9:28	41801 GOCI_T2	0	1	1	0	0	0	0	0	0	0	0	0	0	0
12/23/2023 9:36	41901 REED_T1	0	1	1	0	0.1	0.1	-2.02	-1.99	1	1	0	900	900	0
12/23/2023 9:38	56501 ROCK_T2	2	2	0	1.3	0.8	-0.5	-1.36	-1.4	0	0	0	0	0	0
12/23/2023 9:39	56801 BENV_T1	4	9	5	0.43	0.67	0.24	-0.61	-0.61	1	1	0	600	600	0
12/23/2023 9:40	56801 BENV_T1	4	9	5	0.43	0.67	0.24	-0.61	-0.61	1	1	0	600	600	0
12/23/2023 9:41	56803 BENV_T1	1	0	-1	0.4	0	-0.4	0	0	0	0	0	0	0	0
12/23/2023 9:42	56801 BENV_T1	4	9	5	0.43	0.67	0.24	-1.23	-1.23	2	2	0	1200	1200	0
12/23/2023 9:42	41801 GOCI_T2	0	1	1	0	0	0	0	0	0	0	0	0	0	0
12/23/2023 9:43	56803 BENV_T1	1	0	-1	0.4	0	-0.4	0	0	0	0	0	0	0	0
12/23/2023 9:45	13503 MCMI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/23/2023 9:46	41801 GOCI_T2	1	0	-1	2.8	0	-2.8	0	0	0	0	0	0	0	0
12/23/2023 9:47	13503 MCMI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/23/2023 9:50	65901 SAKR_T2	1	1	0	7.5	7.6	0.1	-1.24	-1.09	1	1	0	900	900	0
12/23/2023 9:54	67402 WAKE_T2	0	0	0	0	0	0	-0.36	-0.36	1	1	0	600	600	0
12/23/2023 9:54	40502 CRES_T2	0	7	7	0	0.14	0.14	-2.16	-2.04	0	0	0	0	0	0
12/23/2023 9:56	40502 CRES_T2	0	7	7	0	0.14	0.14	-2.16	-2.04	0	0	0	0	0	0
12/23/2023 9:57	52402 GRPA_T2	7	5	-2	0.5	2	1.5	-1.02	-0.91	0	0	0	0	0	0
12/23/2023 9:58	40502 CRES_T2	0	7	7	0	0.14	0.14	-9.35	-8.85	0	0	0	0	0	0
12/23/2023 10:00	40502 CRES_T2	7	6	-1	0.14	0.18	0.04	-0.72	-0.68	0	0	0	0	0	0
12/23/2023 10:00	43201 MVIL_T2	0	0	0	0	0	0	-1.24	-1.26	0	0	0	0	0	0
12/23/2023 10:01	52403 GRPA_T2	5	16	11	0.38	0.3	-0.08	0	0	0	0	0	0	0	0
12/23/2023 10:02	64201 KINZ_T1	1	33	32	2.7	0.14	-2.56	-0.74	-0.72	3	3	0	1500	1500	0
12/23/2023 10:02	52403 GRPA_T2	5	16	11	0.38	0.3	-0.08	0.03	0	0	0	0	0	0	0
12/23/2023 10:02	55002 NEWP_T1	1	5	4	0.2	0.38	0.18	-0.18	-0.16	0	0	0	0	0	0
12/23/2023 10:03	55002 NEWP_T1	1	5	4	0.2	0.38	0.18	-0.18	-0.16	0	0	0	0	0	0
12/23/2023 10:04	56501 ROCK_T2	2	27	25	1.1	0.16	-0.94	-2.25	-2.27	0	0	0	0	0	0
12/23/2023 10:04	54001 SDLE_T1	2	3	1	0.7	0.57	-0.13	0	0	1	1	0	600	600	0
12/23/2023 10:04	55002 NEWP_T1	1	5	4	0.2	0.38	0.18	-0.18	-0.16	0	0	0	0	0	0
12/23/2023 10:05	56501 ROCK_T2	2	27	25	1.1	0.16	-0.94	-2.25	-2.27	0	0	0	0	0	0
12/23/2023 10:05	55002 NEWP_T1	1	5	4	0.2	0.38	0.18	-0.18	-0.16	0	0	0	0	0	0
12/23/2023 10:06	56802 BENV_T2	0	0	0	0	0	0	-1.22	-1.24	0	0	0	0	0	0
12/23/2023 10:06	54001 SDLE_T1	2	3	1	0.7	0.57	-0.13	0	0	1	1	0	600	600	0
12/23/2023 10:07	56501 ROCK_T2	2	27	25	1.1	0.16	-0.94	-2.25	-2.27	0	0	0	0	0	0
12/23/2023 10:07	66504 SMAN_T2	0	0	0	0	0	0	-3.54	-3.55	2	2	0	2400	2400	0
12/23/2023 10:08	27502 WEIS_T2	1	0	-1	0.5	0	-0.5	-0.42	-0.4	0	0	0	0	0	0
12/23/2023 10:08	67502 WEWI_T2	0	1	1	0	0	0	-1.29	-1.35	1	1	0	900	900	0
12/23/2023 10:08	54001 SDLE_T1	2	3	1	0.7	0.57	-0.13	0	0	1	1	0	600	600	0
12/23/2023 10:08	56501 ROCK_T2	2	27	25	1.1	0.16	-0.94	-4.51	-4.54	0	0	0	0	0	0
12/23/2023 10:08	66504 SMAN_T2	0	0	0	0	0	0	-1.77	-1.77	1	1	0	1200	1200	0
12/23/2023 10:09	54001 SDLE_T1	2	3	1	0.7	0.57	-0.13	0	0	1	1	0	600	600	0
12/23/2023 10:10	56801 BENV_T1	9	9	0	0.49	0.64	0.15	-0.62	-0.61	1	1	0	600	600	0
12/23/2023 10:10	29402 BELT_T1	1	3	2	5.7	5.8	0.1	0	0	0	0	0	0	0	0
12/23/2023 10:10	27101 GFLD_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/23/2023 10:10	62604 ENGL_T1	1	3	2	0.2	0	-0.2	-0.38	-0.5	1	1	0	600	600	0
12/23/2023 10:11	53501 EVIL_T2	1	9	8	0.2	0.28	0.08	-1.28	-1.3	0	0	0	0	0	0
12/23/2023 10:11	11104 EGYP_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/23/2023 10:11	56801 BENV_T1	9	9	0	0.49	0.64	0.15	-0.62	-0.61	1	1	0	600	600	0
12/23/2023 10:12	56801 BENV_T1	9	9	0	0.49	0.64	0.15	-0.62	-0.61	1	1	0	600	600	0
12/23/2023 10:12	11104 EGYP_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/23/2023 10:12	43001 ALWD_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/23/2023 10:12	29402 BELT_T1	1	3	2	5.7	5.8	0.1	0	0	0	0	0	0	0	0
12/23/2023 10:12	62604 ENGL_T1	1	3	2	0.2	0	-0.2	-0.77	-1.01	2	2	0	1200	1200	0
12/23/2023 10:13	53501 EVIL_T2	1	9	8	0.2	0.28	0.08	-0.64	-0.65	0	0	0	0	0	0
12/23/2023 10:14	42902 MIDD_T2	14	9	-5	0.72	0.45	-0.27	-0.53	-0.55	0	0	0	0	0	0
12/23/2023 10:14	52102 MEIS_T1	1	0	-1	0.5	0	-0.5	-0.42	-0.4	0	0	0	0	0	0
12/23/2023 10:14	53501 EVIL_T2	1	9	8	0.2	0.28	0.08	-0.64	-0.65	0	0	0	0	0	0
12/23/2023 10:15	47001 HUGH_T2	0	0	0	0	0	0	-1.59	-1.59	1	1	0	900	900	0
12/23/2023 10:15	40901 JESH_T1	1	1	0	0.1	0	-0.1	0	0	0	0	0	0	0	0
12/23/2023 10:15	62607 ENGL_T1	0	1	1	0	0	0	0	0

12/23/2023 10:39	66703 STRA_T1	1	4	3	2.8	0	-2.8	0.04	0.06	0	0	0	0	0	0
12/23/2023 10:39	67502 WEWI_T2	0	3	3	0	0	0	-1.34	-1.36	1	1	0	900	900	0
12/23/2023 10:39	43402 BENT_T1	4	4	0	0.5	0.97	0.47	-0.89	-0.9	1	1	0	900	900	0
12/23/2023 10:40	59102 WALK_T2	2	0	-2	0.1	0	-0.1	0	0	0	0	0	0	0	0
12/23/2023 10:40	42701 AUGU_T1	1	1	0	0.1	0	-0.1	0	0	3	3	0	1800	1800	0
12/23/2023 10:41	56801 BENV_T1	8	10	2	0.71	0.68	-0.03	-1.21	-1.24	2	2	0	1200	1200	0
12/23/2023 10:45	46801 HEPB_T2	0	0	0	0	0	0	0.68	0.66	0	0	0	0	0	0
12/23/2023 10:46	64801 MONE_T2	0	0	0	0	0	0	-0.51	-0.53	0	0	0	0	0	0
12/23/2023 10:48	55002 NEWP_T1	5	6	1	0.5	0.35	-0.15	-0.17	-0.17	0	0	0	0	0	0
12/23/2023 10:48	59302 MCAL_T1	1	1	0	0.3	0.5	0.2	-0.45	-0.43	1	1	0	600	600	0
12/23/2023 10:48	40603 PIGR_T1	0	1	1	0	0.9	0.9	0	0	0	0	0	0	0	0
12/23/2023 10:48	14403 SSLA_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/23/2023 10:49	52501 PROG_T1	0	0	0	0	0	0	-0.34	-0.32	0	1	1	0	300	300
12/23/2023 10:49	52102 MEIS_T1	1	0	-1	3	0	-3	0	0	0	0	0	0	0	0
12/23/2023 10:49	44901 SCOT_T2	0	0	0	0	0	0	-0.57	-0.58	0	0	0	0	0	0
12/23/2023 10:50	59101 WALK_T2	1	1	0	0	0	0	-0.52	-0.45	0	0	0	0	0	0
12/23/2023 10:51	65902 SAKR_T2	0	0	0	0	0	0	-0.63	-0.58	1	1	0	300	300	0
12/23/2023 10:51	59101 WALK_T2	1	1	0	0	0	0	-0.52	-0.45	0	0	0	0	0	0
12/23/2023 10:51	14403 SSLA_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/23/2023 10:51	66505 SMAN_T2	0	0	0	0	0	0	-0.23	-0.2	2	2	0	1100	1100	0
12/23/2023 10:52	43001 ALWD_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/23/2023 10:52	60201 ATGL_T2	0	0	0	0	0	0	0.22	0.27	0	0	0	0	0	0
12/23/2023 10:53	60201 ATGL_T2	0	0	0	0	0	0	0.22	0.27	0	0	0	0	0	0
12/23/2023 10:53	44901 SCOT_T2	0	0	0	0	0	0	-0.58	-0.51	0	0	0	0	0	0
12/23/2023 10:54	59102 WALK_T2	0	9	9	0	0.13	0.13	0	0	0	0	0	0	0	0
12/23/2023 10:55	16101 BING_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/23/2023 10:56	28602 BLYT_T2	0	1	1	0	0	0	0	0	0	0	0	0	0	0
12/23/2023 10:58	51102 CARL_T1	1	2	1	0.1	0.1	0	0	0	0	0	0	0	0	0
12/23/2023 10:59	11804 FRAN_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/23/2023 11:00	52004 LING_T2	0	1	1	0	0.1	0.1	0	0	0	0	0	0	0	0
12/23/2023 11:01	50506 MECH_T1	0	0	0	0	0	0	-0.01	-0.04	0	0	0	0	0	0
12/23/2023 11:01	51107 CARL_T1	0	0	0	0	0	0	-0.37	-0.34	1	0	0	0	0	0
12/23/2023 11:01	59302 MCAL_T1	1	1	0	0.4	0.7	0.3	0	0	0	0	0	0	0	0
12/23/2023 11:02	16101 BING_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/23/2023 11:02	64203 KINZ_T1	1	1	0	2.2	0	-2.2	-0.6	-0.63	1	1	0	600	600	0
12/23/2023 11:02	65503 MOJO_T2	13	22	9	0.32	0.39	0.07	-1.51	-1.49	1	1	0	900	900	0
12/23/2023 11:03	65503 MOJO_T2	13	22	9	0.32	0.39	0.07	-1.51	-1.49	1	1	0	900	900	0
12/23/2023 11:04	59402 RFLD_T2	0	0	0	0	0	0	-0.77	-0.78	1	1	0	450	450	0
12/23/2023 11:04	42801 SELI_T1	1	1	0	0	0	0	0	0	0	0	0	0	0	0
12/23/2023 11:05	62607 ENGL_T1	1	8	7	1.2	0	-1.2	0	0	0	0	0	0	0	0
12/23/2023 11:06	57403 SPAN_T1	1	0	-1	2.4	0	-2.4	0	0	0	0	0	0	0	0
12/23/2023 11:06	42801 SELI_T1	1	1	0	0	0	0	0	0	0	0	0	0	0	0
12/23/2023 11:06	27502 WEIS_T2	2	0	-2	0.3	0	-0.3	-0.55	-0.74	0	0	0	0	0	0
12/23/2023 11:07	67503 WEWI_T2	0	0	0	0	0	0	-0.16	-0.17	0	0	0	0	0	0
12/23/2023 11:07	42802 SELI_T1	0	0	0	0	0	0	-2.38	-2.4	1	1	0	900	900	0
12/23/2023 11:08	41602 CLEV_T1	0	1	1	0	0	0	0	0	0	0	0	0	0	0
12/23/2023 11:08	59101 WALK_T2	1	1	0	0	0	0	-0.45	-0.47	0	0	0	0	0	0
12/23/2023 11:09	51904 COPA_T1	1	4	3	0.3	0.33	0.03	0	0	0	0	0	0	0	0
12/23/2023 11:11	67502 WEWI_T2	0	1	1	0	0	0	0	0	0	0	0	0	0	0
12/23/2023 11:12	27502 WEIS_T2	2	0	-2	0.3	0	-0.3	-0.37	-0.37	0	0	0	0	0	0
12/23/2023 11:12	60801 BUCK_T1	1	1	0	1.8	0	-1.8	0	0	0	0	0	0	0	0
12/23/2023 11:12	40101 HUNT_T2	63	68	5	0.51	0.53	0.02	-0.94	-0.81	0	0	0	0	0	0
12/23/2023 11:13	60801 BUCK_T1	1	1	0	1.8	0	-1.8	0	0	0	0	0	0	0	0
12/23/2023 11:14	40101 HUNT_T2	63	68	5	0.51	0.53	0.02	-0.94	-0.81	0	0	0	0	0	0
12/23/2023 11:14	64204 KINZ_T1	1	1	0	0.8	1	0.2	0	0	0	0	0	0	0	0
12/23/2023 11:14	41601 CLEV_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/23/2023 11:15	13503 MCMI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/23/2023 11:16	40101 HUNT_T2	68	31	-37	0.52	0.45	-0.07	-0.47	-0.41	0	0	0	0	0	0
12/23/2023 11:17	64203 KINZ_T1	1	2	1	1.3	0	-1.3	0	0	0	0	0	0	0	0
12/23/2023 11:17	52402 GRPA_T2	9	9	0	0.52	1.18	0.66	0	0	0	0	0	0	0	0
12/23/2023 11:18	64201 KINZ_T1	86	325	239	0.18	0.53	0.35	-0.75	-0.68	3	3	0	1500	1500	0
12/23/2023 11:18	40101 HUNT_T2	68	31	-37	0.52	0.45	-0.07	-0.47	-0.41	0	0	0	0	0	0
12/23/2023 11:18	55002 NEWP_T1	3	5	2	0.23	0.5	0.27	-0.16	-0.18	0	0	0	0	0	0
12/23/2023 11:19	13503 MCMI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/23/2023 11:20	59201 THOM_T1	14	16	2	0.36	0.52	0.16	0	0	0	0	0	0	0	0
12/23/2023 11:22	58001 WCAR_T1	4	4	0	0.43	0.78	0.35	0	0	0	0	0	0	0	0
12/23/2023 11:22	44601 SALE_T2	0	0	0	0	0	0	0.25	0.2	0	0	0	0	0	0
12/23/2023 11:23	59202 THOM_T1	73	132	59	0.26	0.31	0.05	0	0	0	0	0	0	0	0
12/23/2023 11:23	58001 WCAR_T1	4	4	0	0.43	0.78	0.35	0	0	0	0	0	0	0	0
12/23/2023 11:25	52402 GRPA_T2	9	9	0	0.52	1.18	0.66	0	0	0	0	0	0	0	0
12/23/2023 11:25	55101 WERT_T1	0	1	1	0	0	0	0	0	0	0	0	0	0	0
12/23/2023 11:25	45402 WBLO_T2	0	1	1	0	0.8	0.8	-1.51	-1.56	1	1	0	900	900	0
12/23/2023 11:27	61801 EELI_T2	0	0	0	0	0	0	-0.98	-0.97	1	1	0	600	600	0
12/23/2023 11:30	42902 MIDD_T2	0	1	1	0	0	0	-0.49	-0.55	0	0	0	0	0	0
12/23/2023 11:31	59001 MIFF_T1	48	35	-13	0.39	0.31	-0.08	0	0	0	0	0	0	0	0
12/23/2023 11:31	42902 MIDD_T2	0	1	1	0	0	0	-0.98	-1.09	0	0	0	0	0	0
12/23/2023 11:32	44201 POIN_T1	0	0	0	0	0	0	-1.98	-1.97	1	1	0	900	900	0
12/23/2023 11:33	65001 NEFF_T2	0	0	0	0	0	0	-1.23	-1.28	1	1	0	1200	1200	0
12/23/2023 11:33	42903 MIDD_T2	2	2	0	0.5	0.7	0.2	0	0	0	0	0	0	0	0
12/23/2023 11:34	44201 POIN_T1	0	0	0	0	0	0	-1.98	-1.97	1	1	0	900	900	0
12/23/2023 11:35	65001 NEFF_T2	0	0	0	0	0	0	-1.23	-1.28	1	1	0	1200	1200	0
12/23/2023 11:35	42903 MIDD_T2	2	2	0	0.5	0.7	0.2	0	0	0	0	0	0	0	0
12/23/2023 11:36	40602 PIGR_T1	0	0	0	0	0	0	0	0	2	2	0	1200	1200	0
12/23/2023 11:36	16302 ALPA_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/23/2023 11:37	66701 STRA_T1	3	1	-2	2.53	0	-2.53	0	0	0	0	0	0	0	0
12/23/2023 11:37	16302 ALPA_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/23/2023 11:38	48302 ORWI_T2	4	3	-1	1.1	0.9	-0.2	-0.45	-0.42	0	0	0	0	0	0
12/23/2023 11:38	16302 ALPA_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/23/2023 11:38	28604 BLYT_T2	0	0	0	0	0	0	-1.21	-1.22	0	0	0	0	0	0
12/23/2023 11:39	43001 ALWD_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/23/2023 11:40	51102 CARL_T1	5	0	-5	0.16	0	-0.16	0	0	0	0	0	0	0	0
12/23/2023 11:40	29402 BELT_T1	3	2	-1	2.67	3.35	0.68	0	0	0	0	0	0	0	0
12/23/2023 11:40	16302 ALPA_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/23/2023 11:45	61505 EPET_T1	0	0	0	0	0	0	0.41	0.41	0	0	0	0	0	0
12/23/2023 11:49	58402 MORO_T1	0	0	0	0	0	0	-0.41	-0.43	2	2	0	1500	1500	0
12/23/2023 11:49	64101 REFR_T1	0	0	0	0	0	0	-0.02	-0.01	0	0	0	0	0	0
12/23/2023 11:49	65001 NEFF_T2	0	0	0	0	0	0	-1.28	-1.26	1	1	0	1200	1200	0
12/23/2023 11:50	41902 REED_T1	0	0	0	0	0	0	0.4	0.25	2	2	0	1800	1800	0
12/23/2023 11:50	41902 REED_T1	0	0	0	0	0	0	0.4	0.25	2	2	0	1800	1800	0
12/23/2023 11:50	57401 SPAN_T1	17	1	-16	3	0	-3	-1.04	-1.07	1	1	0	600	600	0
12/23/2023 11:51	64101 REFR_T1	0	0	0	0	0	0	-0.03	-0.01	0	0	0	0	0	0
12/23/2023 11:51	44904 SCOT_T1	0	0	0	0	0	0	-0.08	-0.07	0	0	0	0	0	0
12/23/2023 11:52	67503 WEWI_T2	1	0	-1	1.4	0	-1.4	-0.23	-0.16	0	0	0	0	0	0
12/23/2023 11:52	64101 REFR_T1	0	0	0	0	0	0	-0.05	-0.02	0	0	0	0	0	0
12/23/2023 11:52	13704 SCHN_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/23/2023 11:52	67503 WEWI_T2	1	0	-1	1.4	0	-1.4	-0.23	-0.16	0	0	0	0	0	0
12/23/2023 11:52	44901 SCOT_T2	0	0	0	0	0	0	-0.59	-0.61	0	0	0	0	0	0
12/23/2023 11:53	67502 WEWI_T2	0	1	1	0	0	0	-1.34	-1.32	1	1	0	900	900	0
12/23/2023 11:53	64101 REFR_T1	0	0	0	0	0	0	-0.03	-0.01	0	0	0	0	0	0
12/23/2023 11:53	67503 WEWI_T2	1	0	-1	1.4	0	-1.4	-0.23	-0.16	0	0	0	0	0	0
12/23/2023 11:53	13704 SCHN_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/23/2023 11:54	44301 BEAV_T2	0	0	0	0	0	0	-0.85	-0.97	1	1	0	600	600	0
12/23/2023 11:55	67502 WEWI_T2	0	1	1	0	0	0	-1.32	-1.35	1	1	0	900	900	0
12/23/2023 11:55	67503 WEWI_T2	1	0	-1	1.4	0	-1.4	-0.16	-0.12	0	0	0	0	0	0
12/23/2023 11:56	67502 WEWI_T2	0	1	1	0	0	0	-1.32	-1.35	1	1	0	900	900	0
12/23/2023 11:56	67503 WEWI_T2	1	0	-1	1.4	0	-1.4	-0.16	-0.12	0	0	0	0	0	0
12/23/2023 12:00	64202 KINZ_T1	2	0	-2	0.35	0	-0.35	0	0	0	0	0	0	0	0
12/23/2023 12:01	64201 KINZ_T1	345	380	35	0.79	0.75	-0.04	-0.84	-0.82	3	3	0	1500	1500	0
12/23/2023 12:03	64202 KINZ_T1	2	0	-2	0.35	0	-0.35	0	0	0	0	0	0	0	0
12/23/2023 12:04	13704 SCHN_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/23/2023 12:05	63203 MGTN_T1	0	2	2	0	0.1	0.1	-0.21	-0.24	1	1	0	600	600	0
12/23/2023 12:07	13704 SCHN_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/23/2023 12:07	67502 WEWI_T2	1	0	-1	0.5	0	-0.5	-1.32	-1.35	1	1	0	900	900	0
12/23/2023 12:08	67503 WEWI_T2	0	0	0	0	0	0	-0.16	-0.12	0	0	0	0	0	0
12/23/2023 12:08	13704 SCHN_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/23/2023 12:08	67502 WEWI_T2	1	0	-1	0.5	0	-0.5	-2.65	-2.7	2	2	0	1800	1800	0
12/23/2023 12:09	67503 WEWI_T2	0	0	0	0	0	0	-0.24	-0.13	0	0	0	0	0	0
12/23/2023 12:10	61703 ELIZ_T1	13	195	182	0.21	0.31	0.1	-2.83	-2	2	1	-1	2100	900	-1200
12/23/2023 12:11	46004 BERW_T2	0	0	0	0	0	0	-0.7	-0.71	0	0	0	0	0	0
12/23/2023 12:13	61701 ELIZ_T1	1	3	2	5.4	6	0.6	0	0	0	0	0	0	0	0
12/23/2023 12:14	61701 ELIZ_T1	1	3	2	5.4	6	0.6	0	0	0	0	0	0	0	0
12/23/2023 12:16	61701 ELIZ_T1	1	3	2	6	5.2	-0.8	0	0	0	0	0	0	0	0
12/23/2023 12:18	40101 HUNT_T2	27	14	-13	0.59	0.27	-0.32	-0.49	-0.47	0	0	0	0	0	0
12/23/2023 12:19	44201 POIN_T1	0	38	38	0	0.15	0.15	-2.18	-2.14	1	1	0	900	900	0
12/23/2023 12:22	44201 POIN_T1	0	38	38	0	0.15	0.15	-2.18	-2.14	1	1	0	900	900	0
12/23/2023 12:24	28601 BLYT_T2	1	0	-1	0.4	0	-0.4	0	0	0	0	0	0	0	0
12/23/2023 12:26	44301 BEAV_T2	0	0	0	0	0	0	-2	-1.96	2	2	0	1200	1200	0
12/23/2023 12:31	64203 KINZ_T1	1	6	5	0.7	0	-0.7	-0.52	-0.56	1	1	0	600	600	0
12/23/2023 12:32	65001 NEFF_T2	0	0	0	0	0	0	-1.26	-1.29	1	1	0	1200	1200	0
12/23/2023 12:33	51003 NHAR_T1	28	20	-8	0.17	0.14	-0.03	0	0	0	0	0	0	0	0
12/23/2023 12:33	64201 KINZ_T1	349	368	19	0.7	0.54	-0.16	-0.8	-0.85	3	3	0	1500	1500	0
12/23/2023 12:33	64101 REFR_T1	1	0	-1	1.8	0	-1.8	-0.04	-0.03	0	0	0	0	0	0
12/23/2023 12:35	64101 REFR_T1	1	0	-1	1.8	0	-1.8	-0.04	-0.03	0	0	0	0	0	0
12/23/2023 12:35	54202 PENN_T2	0	3	3	0	0	0	0	0	0	0	0	0	0	0
12/23/2023 12:36	64101 REFR_T1	1	0	-1	1.8	0	-1.8	-0.04	-0.03	0	0	0	0	0	0
12/23/2023 12:36	65001 NEFF_T2	0	0	0	0	0	0	-1.26	-1.29	1	1	0	1200	1200	0
12/23/2023 12:37	64101 REFR_T1	1	0	-1	1.8	0	-1.8	-0.04	-0.03	0	0	0	0	0	0
12/23/2023 12:38	45501 DERR_T2	0	0	0	0	0	0	-0.95	-0.94	2	2	0	1800	1800	0
12/23/2023 12:38	64101 REFR_T1	1	0	-1	1.8	0	-1.8	-0.07	-0.05	0	0	0	0	0	0
12/23/2023 12:40	45501 DERR_T2	0	0	0	0	0	0	-0.95	-0.94	2	2	0	1800	1800	0
12/23/2023 12:40	64101 REFR_T1	1	0	-1	1.8	0	-1.8	-0.03	-0.05	0	0	0	0	0	0
12/23/2023 12:48	41901 REED_T1	9	10	1	0.66	0.6	-0.06	-2.1	-2.11	1	1	0	900	900	0
12/23/2023 12:48	41901 REED_T1	9	10	1	0.66	0.6	-0.06	-2.1	-2.11	1	1	0	900	900	0
12/23/2023 12:52	41901 REED_T1	9	10	1	0.66	0.6	-0.06	0	0	0	0	0	0	0	0
12/23/2023 12:54	43001 ALWD_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/23/2023 12:58	14203 EALI_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/23/2023 13:00	42903 MIDD_T2	2	2	0	1.5	1.35	-0.15	0	0	0	0	0	0	0	0
12/23/2023 13:02	42902 MIDD_T2	0	0	0	0	0	0	-0.62	-0.64	0	0	0	0	0	0
12/23/2023 13:02	42902 MIDD_T2	0	0	0	0	0	0	-0.62	-0.64	0	0	0	0	0	0
12/23/2023 13:04	42902 MIDD_T2	0	0	0	0	0	0	-1.23	-1.27	0	0	0	0	0	0
12/23/2023 13:04	41902 REED_T1	0	1	1	0	0	0	0.02	0.17	1	1	0	900	900	0
12/23/2023 13:06	67502 WEWI_T2	0	2	2	0	0	0	-1.4	-1.38	1	1	0	900	900	0
12/23/2023 13:07	67502 WEWI_T2	0	2	2	0	0	0	0	0	0	0	0	0	0	0
12/23/2023 13:10	67502 WEWI_T2	0	2	2	0	0	0	-1.38	-1.45	1	1	0	900	900	0
12/23/2023 13:11	67503 WEWI_T2	0	0	0	0	0	0	-0.09	-0.08	0	0	0	0	0	0
12/23/2023 13:11	67502 WEWI_T2	0	2	2	0	0	0	-2.75	-2.9	2	2	0	1800	1800	0
12/23/2023 13:12	28604 BLYT_T2	0	0	0	0	0	0	-1.23	-1.22	0	0	0	0	0	0
12/23/2023 13:20	47401 PENS_T1	0	0	0	0	0	0	1.34	1.26	0	0	0	0	0	0
12/23/2023 13:20	41901 REED_T1	10	10	0	0.57	0.5	-0.07	0	0	0	0	0	0	0	0
12/23/2023 13:21	47401 PENS_T1	0	0	0	0	0	0	0.67	0.63	0	0	0	0	0	0
12/23/2023 13:23	65001 NEFF_T2	0	5	5	0	0.14	0.14	-1.3	-1.27	1	1	0	1200	1200	0
12/23/2023 13:25	51108 CARL_T1	0	1	1	0	0.1	0.1	0	0	0	0	0	0	0	0
12/23/2023 13:27	10705 CATA_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/23/2023 13:45	65001 NEFF_T2	5	14	9	0.14	0.15	0.01	-1.26	-1.2	1	1	0	1200	1200	0
12/23/2023 14:02	51002 NHAR_T1	1	1	0	1.8	1.9	0.1	0	0	0	0	0	0	0	0
12/23/2023 14:05	64101 REFR_T1	0	2	2	0	0	0	-0.06	-0.08	0	0	0	0	0	0
12/23/2023 14:06	59101 WALK_T2	1	3	2	0	0	0	0.88	1.17	0	1	1	0	600	600
12/23/2023 14:07	64101 REFR_T1	0	2	2	0	0	0	-0.17	-0.24	0	0	0	0	0	0
12/23/2023 14:07	43001 ALWD_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/23/2023 14:07	59101 WALK_T2	1	3	2	0	0	0

12/23/2023 14:32	64203 KINZ_T1	2	8	6	1.55	0	-1.55	-0.66	-0.67	1	1	0	600	600	0
12/23/2023 14:32	40101 HUNT_T2	0	1	1	0	0	0	-1.13	-1.07	0	0	0	0	0	0
12/23/2023 14:33	58402 MORO_T1	0	0	0	0	0	0	-0.5	-0.51	2	2	0	1500	1500	0
12/23/2023 14:36	59101 WALK_T2	2	2	0	0.6	0.3	-0.3	0.74	0.94	1	1	0	600	600	0
12/23/2023 14:36	64101 REFR_T1	2	1	-1	1.7	0	-1.7	-0.07	-0.08	0	0	0	0	0	0
12/23/2023 14:36	49804 UNIV_T1	1	1	0	0.8	0.2	-0.6	0	0	0	0	0	0	0	0
12/23/2023 14:37	59101 WALK_T2	2	2	0	0.6	0.3	-0.3	0.74	0.94	1	1	0	600	600	0
12/23/2023 14:38	56501 ROCK_T2	27	30	3	0.13	0.13	0	-1.79	-1.79	0	0	0	0	0	0
12/23/2023 14:38	59101 WALK_T2	2	2	0	0.6	0.3	-0.3	0.74	0.94	1	1	0	600	600	0
12/23/2023 14:38	49803 UNIV_T1	0	8	8	0	0.13	0.13	-1.03	-1.05	0	0	0	0	0	0
12/23/2023 14:38	64101 REFR_T1	2	1	-1	1.7	0	-1.7	-0.27	-0.32	0	0	0	0	0	0
12/23/2023 14:38	43001 ALWD_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/23/2023 14:38	29402 BELT_T1	1	1	0	6.4	6.7	0.3	0	0	0	0	0	0	0	0
12/23/2023 14:39	56501 ROCK_T2	27	30	3	0.13	0.13	0	-5.37	-5.37	0	0	0	0	0	0
12/23/2023 14:39	49803 UNIV_T1	0	8	8	0	0.13	0.13	-1.03	-1.05	0	0	0	0	0	0
12/23/2023 14:40	56501 ROCK_T2	27	30	3	0.13	0.13	0	-1.79	-1.79	0	0	0	0	0	0
12/23/2023 14:41	61303 EARL_T1	0	0	0	0	0	0	0.01	-0.02	0	0	0	0	0	0
12/23/2023 14:41	46003 BEIW_T2	1	1	0	2.6	1.2	-1.4	0	0	0	0	0	0	0	0
12/23/2023 14:42	29402 BELT_T1	1	1	0	6.4	6.7	0.3	0	0	0	0	0	0	0	0
12/23/2023 14:42	40101 HUNT_T2	0	1	1	0	0	0	-0.53	-0.55	0	0	0	0	0	0
12/23/2023 14:44	40101 HUNT_T2	0	1	1	0	0	0	-1.07	-1.09	0	0	0	0	0	0
12/23/2023 14:46	28805 LAKE_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/23/2023 14:46	40101 HUNT_T2	1	0	-1	0.2	0	-0.2	-0.53	-0.55	0	0	0	0	0	0
12/23/2023 14:47	28805 LAKE_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/23/2023 14:47	58402 MORO_T1	0	0	0	0	0	0	-0.51	-0.5	2	2	0	1500	1500	0
12/23/2023 14:48	64204 KINZ_T1	2	4	2	1.3	0.7	-0.6	0	0	0	0	0	0	0	0
12/23/2023 14:49	56504 ROCK_T2	0	0	0	0	0	0	-0.04	-0.19	0	0	0	0	0	0
12/23/2023 14:49	55002 NEWP_T1	6	5	-1	0.5	0.48	-0.02	-0.2	-0.24	0	0	0	0	0	0
12/23/2023 14:49	46302 ROHR_T1	2	0	-2	0.3	0	-0.3	0.19	-0.27	0	0	0	0	0	0
12/23/2023 14:49	64101 REFR_T1	0	2	2	0	0	0	-0.08	-0.05	0	0	0	0	0	0
12/23/2023 14:50	40601 PIGR_T1	0	2	2	0	0.1	0.1	0	0	0	0	0	0	0	0
12/23/2023 14:51	67502 WEWI_T2	2	1	-1	0.5	0	-0.5	-1.36	-1.39	1	1	0	900	900	0
12/23/2023 14:52	63404 HONY_T1	2	4	2	7.1	3.7	-3.4	0	0	0	0	0	0	0	0
12/23/2023 14:52	64101 REFR_T1	0	2	2	0	0	0	-0.08	-0.05	0	0	0	0	0	0
12/23/2023 14:52	27502 WEIS_T2	0	0	0	0	0	0	-0.4	-0.44	0	0	0	0	0	0
12/23/2023 14:53	64101 REFR_T1	0	2	2	0	0	0	-0.08	-0.05	0	0	0	0	0	0
12/23/2023 14:55	67603 WARW_T1	0	1	1	0	0	0	0	0	0	0	0	0	0	0
12/23/2023 14:57	61304 EARL_T1	0	1	1	0	0	0	0	0	0	0	0	0	0	0
12/23/2023 14:58	27502 WEIS_T2	0	0	0	0	0	0	-0.44	-0.47	0	0	0	0	0	0
12/23/2023 15:04	41901 REED_T1	10	11	1	0.64	0.53	-0.11	0	0	0	0	0	0	0	0
12/23/2023 15:05	55002 NEWP_T1	5	6	1	0.4	0.52	0.12	-0.24	-0.22	0	0	0	0	0	0
12/23/2023 15:06	40602 PIGR_T1	0	0	0	0	0	0	0	0	1	1	0	600	600	0
12/23/2023 15:07	46302 ROHR_T1	0	0	0	0	0	0	-0.27	-0.91	0	0	0	0	0	0
12/23/2023 15:07	44905 SCOT_T1	76	0	-76	6.73	0	-6.73	0	0	0	0	0	0	0	0
12/23/2023 15:08	44905 SCOT_T1	76	0	-76	6.73	0	-6.73	0	0	0	0	0	0	0	0
12/23/2023 15:08	27502 WEIS_T2	0	1	1	0	0	0	-0.47	-0.47	0	0	0	0	0	0
12/23/2023 15:09	44301 BEAV_T2	0	0	0	0	0	0	-1.02	-0.97	1	1	0	600	600	0
12/23/2023 15:11	60101 COCA_T1	0	0	0	0	0	0	0.31	0.29	0	0	0	0	0	0
12/23/2023 15:13	60101 COCA_T1	0	0	0	0	0	0	0.31	0.29	0	0	0	0	0	0
12/23/2023 15:14	27502 WEIS_T2	0	1	1	0	0	0	-0.47	-0.47	0	0	0	0	0	0
12/23/2023 15:15	46302 ROHR_T1	0	0	0	0	0	0	-0.91	-0.97	0	0	0	0	0	0
12/23/2023 15:21	64101 REFR_T1	1	1	0	1.5	0	-1.5	-0.04	-0.06	0	0	0	0	0	0
12/23/2023 15:22	46301 ROHR_T1	1	2	1	0.4	0.4	0	0	0	0	0	0	0	0	0
12/23/2023 15:22	40602 PIGR_T1	0	0	0	0	0	0	0	0	1	1	0	600	600	0
12/23/2023 15:23	64101 REFR_T1	1	1	0	1.5	0	-1.5	-0.04	-0.06	0	0	0	0	0	0
12/23/2023 15:24	49803 UNIV_T1	0	0	0	0	0	0	-1.08	-1.11	0	0	0	0	0	0
12/23/2023 15:24	27502 WEIS_T2	0	0	0	0	0	0	-0.47	-0.39	0	0	0	0	0	0
12/23/2023 15:28	27502 WEIS_T2	0	0	0	0	0	0	-0.47	-0.39	0	0	0	0	0	0
12/23/2023 15:30	40101 HUNT_T2	5	3	-2	0.62	0	-0.62	-0.51	-0.49	0	0	0	0	0	0
12/23/2023 15:36	44905 SCOT_T1	68	89	21	0.66	0.86	0.2	0	0	0	0	0	0	0	0
12/23/2023 15:37	44905 SCOT_T1	68	89	21	0.66	0.86	0.2	0	0	0	0	0	0	0	0
12/23/2023 15:40	27502 WEIS_T2	0	0	0	0	0	0	-0.39	-0.42	0	0	0	0	0	0
12/23/2023 15:40	45501 DERR_T2	0	1	1	0	0	0	-0.93	-0.92	2	2	0	1800	1800	0
12/23/2023 15:40	40502 CRES_T2	8	2	-6	0.25	0.15	-0.1	-0.24	-0.19	0	0	0	0	0	0
12/23/2023 15:41	45501 DERR_T2	0	1	1	0	0	0	-0.93	-0.92	2	2	0	1800	1800	0
12/23/2023 15:44	46801 HEPB_T2	2	3	1	0.1	0.2	0.1	0.68	0.64	0	0	0	0	0	0
12/23/2023 15:44	27502 WEIS_T2	0	0	0	0	0	0	-0.39	-0.42	0	0	0	0	0	0
12/23/2023 15:45	65001 NEFF_T2	0	0	0	0	0	0	-1.33	-1.26	1	1	0	1200	1200	0
12/23/2023 15:46	40101 HUNT_T2	2	1	-1	0.6	0	-0.6	-0.49	-0.51	0	0	0	0	0	0
12/23/2023 15:54	42201 SHEN_T2	0	0	0	0	0	0	-0.26	-0.27	1	1	0	600	600	0
12/23/2023 15:56	40501 CRES_T2	0	5	5	0	0.16	0.16	0	0	0	0	0	0	0	0
12/23/2023 15:56	65001 NEFF_T2	0	0	0	0	0	0	-1.26	-1.22	1	1	0	1200	1200	0
12/23/2023 16:06	57401 SPAN_T1	3	3	0	2.43	0	-2.43	-0.87	-1.08	1	1	0	600	600	0
12/23/2023 16:09	57401 SPAN_T1	3	3	0	2.43	0	-2.43	-1.08	-1.06	1	1	0	600	600	0
12/23/2023 16:12	40501 CRES_T2	0	5	5	0	0.16	0.16	0	0	0	0	0	0	0	0
12/23/2023 16:12	57401 SPAN_T1	3	3	0	2.43	0	-2.43	-1.08	-1.06	1	1	0	600	600	0
12/23/2023 16:14	40501 CRES_T2	0	5	5	0	0.16	0.16	0	0	0	0	0	0	0	0
12/23/2023 16:16	40501 CRES_T2	5	0	-5	0.16	0	-0.16	0	0	0	0	0	0	0	0
12/23/2023 16:17	47401 PENS_T1	0	0	0	0	0	0	0.67	0.66	0	0	0	0	0	0
12/23/2023 16:20	47401 PENS_T1	0	0	0	0	0	0	0.67	0.66	0	0	0	0	0	0
12/23/2023 16:21	47401 PENS_T1	0	0	0	0	0	0	0.67	0.66	0	0	0	0	0	0
12/23/2023 16:34	40601 PIGR_T1	0	1	1	0	0	0	0	0	0	0	0	0	0	0
12/23/2023 16:37	65001 NEFF_T2	0	0	0	0	0	0	-1.35	-1.34	1	1	0	1200	1200	0
12/23/2023 16:38	40601 PIGR_T1	0	1	1	0	0	0	0	0	0	0	0	0	0	0
12/23/2023 16:38	56801 BENV_T1	3	1	-2	0.67	0.8	0.13	-0.64	-0.64	1	1	0	600	600	0
12/23/2023 16:59	52403 GRPA_T2	5	5	0	0.5	0.55	0.05	0.09	0.15	0	0	0	0	0	0
12/23/2023 17:03	52403 GRPA_T2	0	6	6	0	0	0	0	0	0	0	0	0	0	0
12/23/2023 17:32	59402 RFLD_T2	0	0	0	0	0	0	-0.78	-0.79	1	1	0	450	450	0
12/23/2023 17:43	52401 GRPA_T2	6	24	18	0.4	0.35	-0.05	0	0	0	0	0	0	0	0
12/23/2023 17:50	14702 TREX_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/23/2023 17:53	14702 TREX_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/23/2023 18:17	14702 TREX_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/23/2023 18:23	44901 SCOT_T2	0	0	0	0	0	0	-0.59	-0.59	0	0	0	0	0	0
12/23/2023 18:25	16402 MOPO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/23/2023 18:28	65001 NEFF_T2	0	0	0	0	0	0	-1.29	-1.24	1	1	0	1200	1200	0
12/23/2023 18:28	44901 SCOT_T2	0	0	0	0	0	0	-0.59	-0.59	0	0	0	0	0	0
12/23/2023 18:28	41801 GOCI_T2	0	1	1	0	0	0	0	0	0	0	0	0	0	0
12/23/2023 18:29	49803 UNIV_T1	0	0	0	0	0	0	-1.03	-1.05	0	0	0	0	0	0
12/23/2023 18:29	44904 SCOT_T1	0	0	0	0	0	0	-0.1	-0.1	0	0	0	0	0	0
12/23/2023 18:29	27101 GFLD_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/23/2023 18:30	51002 NHAR_T1	1	3	2	1.1	1.2	0.1	0	0	0	0	0	0	0	0
12/23/2023 18:30	40101 HUNT_T2	7	15	8	0.26	0.21	-0.05	-0.48	-0.47	0	0	0	0	0	0
12/23/2023 18:30	29402 BELT_T1	3	2	-1	2.77	5.5	2.73	0	0	0	0	0	0	0	0
12/23/2023 18:31	59202 THOM_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/23/2023 18:31	46302 ROHR_T1	4	4	0	0.15	0.75	0.6	-0.42	-0.39	0	0	0	0	0	0
12/23/2023 18:31	52403 GRPA_T2	4	20	16	0.65	0.9	0.25	0	0	0	0	0	0	0	0
12/23/2023 18:31	16402 MOPO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/23/2023 18:32	27502 WEIS_T2	0	0	0	0	0	0	-0.41	-0.4	0	0	0	0	0	0
12/23/2023 18:32	40101 HUNT_T2	7	15	8	0.26	0.21	-0.05	-0.48	-0.47	0	0	0	0	0	0
12/23/2023 18:32	44601 SALE_T2	0	0	0	0	0	0	-0.18	-0.19	0	0	0	0	0	0
12/23/2023 18:33	64201 KINZ_T1	5	98	93	0.78	0.17	-0.61	0	0	0	0	0	0	0	0
12/23/2023 18:33	55002 NEWP_T1	4	4	0	0.48	0.45	-0.03	-0.21	-0.19	0	0	0	0	0	0
12/23/2023 18:33	52404 GRPA_T2	0	0	0	0	0	0	-0.11	-0.08	0	0	0	0	0	0
12/23/2023 18:34	40101 HUNT_T2	7	15	8	0.26	0.21	-0.05	-0.96	-0.95	0	0	0	0	0	0
12/23/2023 18:34	60305 TWVA_T2	0	0	0	0	0	0	-1.74	-1.76	2	2	0	2400	2400	0
12/23/2023 18:34	55002 NEWP_T1	4	4	0	0.48	0.45	-0.03	-0.21	-0.19	0	0	0	0	0	0
12/23/2023 18:34	59101 WALK_T2	1	1	0	0	0	0	0.36	0.94	2	1	-1	1050	450	-600
12/23/2023 18:34	46803 HEPB_T2	0	6	6	0	0	0	0	0	0	0	0	0	0	0
12/23/2023 18:34	42201 SHEN_T2	0	0	0	0	0	0	-0.54	-0.58	2	2	0	1200	1200	0
12/23/2023 18:34	29402 BELT_T1	3	2	-1	2.77	5.5	2.73	0	0	0	0	0	0	0	0
12/23/2023 18:35	49803 UNIV_T1	0	0	0	0	0	0	-1.03	-1.05	0	0	0	0	0	0
12/23/2023 18:35	13503 MCMI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/23/2023 18:35	56801 BENV_T1	2	3	1	0.4	0.87	0.47	-1.24	-1.28	2	2	0	1200	1200	0
12/23/2023 18:35	14203 EALI_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/23/2023 18:35	67103 SPRI_T1	0	0	0	0	0	0	-0.15	-0.18	0	0	0	0	0	0
12/23/2023 18:36	52402 GRPA_T2	1	3	2	2.5	2.6	0.1	-0.99	-0.97	0	0	0	0	0	0
12/23/2023 18:36	40502 CRES_T2	3	11	8	0.1	0.16	0.06	-1.48	-1.52	0	0	0	0	0	0
12/23/2023 18:36	29401 BELT_T1	0	0	0	0	0	0	0	0	1	1	0	900	900	0
12/23/2023 18:36	47403 PENS_T1	1	1	0	2.2	2.3	0.1	0	0	0	0	0	0	0	0
12/23/2023 18:36	55002 NEWP_T1	4	4	0	0.48	0.45	-0.03	-0.21	-0.19	0	0	0	0	0	0
12/23/2023 18:36	67502 WEWI_T2	2	1	-1	0.35	0	-0.35	-1.4	-1.42	1	1	0	900	900	0
12/23/2023 18:36	28805 LAKE_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/23/2023 18:36	47001 HUGH_T2	0	216	216	0	0	0	-1.66	-1.65	1	1	0	900	900	0
12/23/2023 18:36	29402 BELT_T1	3	2	-1	2.77	5.5	2.73	0	0	0	0	0	0	0	0
12/23/2023 18:36	13503 MCMI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/23/2023 18:36	56501 ROCK_T2	1	4	3	1.1	0.5	-0.6	-1.76	-1.8	0	0	0	0	0	0
12/23/2023 18:37	55002 NEWP_T1	4	4	0	0.48	0.45	-0.03	-0.21	-0.19	0	0	0	0	0	0
12/23/2023 18:37	67502 WEWI_T2	2	1	-1	0.35	0	-0.35	0	0	0	0	0	0	0	0
12/23/2023 18:37	43402 BENT_T1	1	0	-1	0.2	0	-0.2	-0.9	-0.89	1	1	0	900	900	0
12/23/2023 18:37	46803 HEPB_T2	0	6	6	0	0	0	0	0	0	0	0	0	0	0
12/23/2023 18:37	45702 LIND_T2	1	3	2	0.3	0	-0.3	-0.44	-0.44	0	0	0	0	0	0
12/23/2023 18:37	14403 SSLA_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/23/2023 18:37	56801 BENV_T1	2	3	1	0.4	0.87	0.47	-0.62	-0.64	1	1	0	600	600	0
12/23/2023 18:37	47401 PENS_T1	0	0	0	0	0	0	0.65	0.6	0	0	0	0	0	0
12/23/2023 18:37	54001 SDLE_T1	1	2	1	1	0.6	-0.4	0	0	1	1	0	600	600	0
12/23/2023 18:37	43201 MVIL_T2	0	2	2	0	0.45	0.45	-1.27	-1.29	0	0	0	0	0	0
12/23/2023 18:37	56501 ROCK_T2	1	4	3	1.1	0.5	-0.6	-1.76	-1.8	0	0	0	0	0	0
12/23/2023 18:38	16302 ALPA_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/23/2023 18:38	20401 ASHF_T2	2	0	-2	0.25	0	-0.25	0	0	0	0	0	0	0	0
12/23/2023 18:38	28604 BLYT_T2	0	0	0	0	0	0	-1.19	-1.2	0	0	0	0	0	0
12/23/2023 18:38	13503 MCMI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/23/2023 18:38	45501 DERR_T2	0	4	4	0	0	0	-0.78	-0.79	2	2	0	1800	1800	0
12/23/2023 18:38	59301 MCAL_T1	2	2	0	0.15	0.1	-0.05	-1.47	-1.46	0	0	0	0	0	0
12/23/2023 18:38	53501 EVIL_T2	0	6	6	0	0.18	0.18	-0.75	-0.75	0	0	0	0	0	0
12/23/2023 18:38	14702 TREX_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/23/2023 18:38	64203 KINZ_T1	0	7	7	0	0	0	0	0	0	0	0	0	0	0
12/23/2023 18:38	43201 MVIL_T2	0	2	2	0	0.45	0.45	0	0	0	0	0	0	0	0
12/23/2023 18:38	40502 CRES_T2	3	11	8	0.1	0.16	0.06	-3.04	-2.92	0	0	0	0	0	0
12/23/2023 18:38	67103 SPRI_T1	0	0	0	0	0	0	-0.15	-0.18	0	0	0	0	0	0
12/23/2023 18:38	59202 THOM_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/23/2023 18:38	16101 BING_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/23/2023 18:39	67401 WAKE_T2	0	0	0	0	0	0	-0.94	-0.96	0	0	0	0	0	0
12/23/2023 18:39	47401 PENS_T1	0	0	0	0	0	0	1.21	1.24	0	0	0	0	0	0
12/23/2023 18:39	42801 SELI_T1	1	1	0	0	0	0	0	0	0	0	0	0	0	0
12/23/2023 18:39	67502 WEWI_T2	2	1	-1	0.35	0	-0.35	-1.42	-1.36	1	1	0	900	900	0
12/23/2023 18:39	16101 BING_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/23/2023 18:39	56802 BENV_T2	1	0	-1	1.3	0	-1.3	-1.35	-1.35	0	0	0	0	0	0
12/23/2023 18:39	43001 ALWD_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/23/2023 18:39	67503 WEWI_T2	0	1	1	0	0	0	-0.2	-0.3	0	0	0	0	0	0
12/23/2023 18:39	16302 ALPA_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/23/2023 18:39	60801 BLCK_T1	7	7	6	2.4	0	-2.4	0	0	0	0	0	0	0	0
12/23/2023 18:39	64204 KINZ_T1	2	3	1	2	1	-1	0	0	0	0	0	0	0	0
12/23/2023 18:39	65503 MOIO_T2	0	0	0	0	0	0	-0.54	-0.56	0	0	0	0	0	0
12/23/2023 18:39	56501 ROCK_T2	1	4	3	1.1	0.5	-0.6	-3.59	-3.59	0	0	0	0	0	0
12/23/2023 18:39	44301 BEAV_T2	1	1	0	0.2	0	-0.2	-1	-1	1	1	0	600	600	0
12/23/2023 18:40	48302 ORWI_T2	2	2	0	0.65	0.85	0.2	-0.54	-0.54	0	0	0	0	0	0
12/23/2023 18:40	52002 LING_T2	0	0	0	0	0	0	-0.09	-0.07	0	0	0	0	0	0
12/23/2023 18:40	42701 AUGU_T1	0	1	1	0	0.3	0.3	0	0	1	1	0	600	600	0
12/23/2023 18:40	64203 KINZ_T1	0	7	7	0	0	0	0	0	0	0	0	0	0	0
12/23/2023 18:40	43402 BENT_T1	1

12/23/2023 18:42	40502 CRES_T2	3	11	8	0.1	0.16	0.06	-2.28	-2.19	0	0	0	0	0	0
12/23/2023 18:42	41601 CLEV_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/23/2023 18:43	66504 SMAN_T2	0	0	0	0	0	0	-1.89	-0.57	1	0	-1	1200	0	-1200
12/23/2023 18:43	49804 UNIV_T1	0	1	1	0	0	0	0	0	0	0	0	0	0	0
12/23/2023 18:43	66505 SMAN_T2	3	3	0	0.67	0.83	0.16	-0.6	-0.5	2	2	0	1100	1100	0
12/23/2023 18:43	65001 NEFF_T2	0	0	0	0	0	0	-1.24	-1.3	1	1	0	1200	1200	0
12/23/2023 18:43	64101 REFR_T1	0	0	0	0	0	0	-0.05	-0.04	0	0	0	0	0	0
12/23/2023 18:43	53501 EVIL_T2	0	6	6	0	0.18	0.18	-0.75	-0.78	0	0	0	0	0	0
12/23/2023 18:43	14403 SSLA_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/23/2023 18:43	40901 JESH_T1	1	5	4	1.1	0	-1.1	0	0	0	0	0	0	0	0
12/23/2023 18:43	14702 TREX_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/23/2023 18:43	56801 BENV_T1	2	3	1	0.4	0.87	0.47	-0.64	-0.64	1	1	0	600	600	0
12/23/2023 18:43	56501 ROCK_T2	1	4	3	1.1	0.5	-0.6	-3.59	-3.59	0	0	0	0	0	0
12/23/2023 18:43	56802 BENV_T2	1	0	-1	1.3	0	-1.3	-1.35	-1.35	0	0	0	0	0	0
12/23/2023 18:43	65901 SAKR_T2	1	2	1	7.6	8.2	0.6	-1.33	-1.26	1	1	0	900	900	0
12/23/2023 18:43	63401 HONY_T1	0	0	0	0	0	0	0.12	0.14	0	0	0	0	0	0
12/23/2023 18:43	57401 SPAN_T1	3	19	16	3.83	0	-3.83	-0.77	-0.73	1	1	0	600	600	0
12/23/2023 18:43	53601 DALM_T2	2	4	2	0.75	0.4	-0.35	-0.11	-0.1	0	0	0	0	0	0
12/23/2023 18:44	40502 CRES_T2	3	11	8	0.1	0.16	0.06	-3.04	-2.92	0	0	0	0	0	0
12/23/2023 18:44	56802 BENV_T2	1	0	-1	1.3	0	-1.3	-1.35	-1.35	0	0	0	0	0	0
12/23/2023 18:44	59101 WALK_T2	1	1	0	0	0	0	0.94	1.16	1	1	0	450	450	0
12/23/2023 18:44	41901 REED_T1	9	10	1	0.51	0.52	0.01	0	0	0	0	0	0	0	0
12/23/2023 18:44	57401 SPAN_T1	3	19	16	3.83	0	-3.83	-0.77	-0.73	1	1	0	600	600	0
12/23/2023 18:44	54001 SDLE_T1	1	2	1	1	0.6	-0.4	0	0	3	3	0	1800	1800	0
12/23/2023 18:44	14403 SSLA_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/23/2023 18:44	29401 BELT_T1	0	0	0	0	0	0	0	0	1	1	0	900	900	0
12/23/2023 18:44	65001 NEFF_T2	0	0	0	0	0	0	-1.24	-1.3	1	1	0	1200	1200	0
12/23/2023 18:44	51107 CARL_T1	0	0	0	0	0	0	-0.84	-0.68	0	0	0	0	0	0
12/23/2023 18:44	56801 BENV_T1	2	3	1	0.4	0.87	0.47	-1.28	-1.28	2	2	0	1200	1200	0
12/23/2023 18:44	53501 EVIL_T2	0	6	6	0	0.18	0.18	-0.75	-0.78	0	0	0	0	0	0
12/23/2023 18:44	52401 GRPA_T2	5	8	3	0.5	0.4	-0.1	0	0	0	0	0	0	0	0
12/23/2023 18:44	40101 HUNT_T2	7	15	8	0.26	0.21	-0.05	-0.47	-0.49	0	0	0	0	0	0
12/23/2023 18:44	44301 BEAV_T2	1	1	0	0.2	0	-0.2	-1	-1	1	1	0	600	600	0
12/23/2023 18:44	47001 HUGH_T2	0	216	216	0	0	0	-1.65	-1.68	1	1	0	900	900	0
12/23/2023 18:44	65503 MOJO_T2	0	0	0	0	0	0	-0.54	-0.56	0	0	0	0	0	0
12/23/2023 18:44	43201 MVIL_T2	0	2	2	0	0.45	0.45	0	0	0	0	0	0	0	0
12/23/2023 18:44	67402 WAKE_T2	0	0	0	0	0	0	-0.43	-0.43	1	1	0	600	600	0
12/23/2023 18:44	64801 MONE_T2	1	0	-1	4.9	0	-4.9	0.4	0.41	0	0	0	0	0	0
12/23/2023 18:45	56504 ROCK_T2	0	0	0	0	0	0	-0.05	-0.22	0	0	0	0	0	0
12/23/2023 18:45	55002 NEWP_T1	4	4	0	0.3	0.8	0.5	-0.19	-0.24	0	0	0	0	0	0
12/23/2023 18:45	44201 POIN_T1	0	0	0	0	0	0	-1.21	-1.15	0	0	0	0	0	0
12/23/2023 18:45	64101 REFR_T1	0	1	1	0	0	0	-0.05	-0.04	0	0	0	0	0	0
12/23/2023 18:45	42802 SELI_T1	0	0	0	0	0	0	-1.5	-1.47	0	0	0	0	0	0
12/23/2023 18:45	42701 AUGU_T1	1	1	0	0.3	0.5	0.2	0	0	1	1	0	600	600	0
12/23/2023 18:45	16302 ALPA_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/23/2023 18:45	42902 MIDD_T2	0	0	0	0	0	0	-0.61	-0.63	0	0	0	0	0	0
12/23/2023 18:45	13704 SCHN_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/23/2023 18:45	46302 ROHR_T1	2	4	2	0.9	1.38	0.48	-0.39	-0.42	0	0	0	0	0	0
12/23/2023 18:46	64201 KINZ_T1	2	151	149	1.15	0.21	-0.94	-0.86	-0.81	3	3	0	1500	1500	0
12/23/2023 18:46	11104 EGYP_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/23/2023 18:46	52401 GRPA_T2	8	2	-6	0.5	0.4	-0.1	0	0	0	0	0	0	0	0
12/23/2023 18:46	40501 CRES_T2	0	1	1	0	0.1	0.1	0	0	0	0	0	0	0	0
12/23/2023 18:46	62607 ENGL_T1	0	8	8	0	0	0	0	0	0	0	0	0	0	0
12/23/2023 18:46	56501 ROCK_T2	3	3	0	1.3	0.15	-1.15	-1.8	-1.8	0	0	0	0	0	0
12/23/2023 18:46	52101 MEIS_T1	0	1	1	0	0.1	0.1	0	0	0	0	0	0	0	0
12/23/2023 18:46	41601 CLEV_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/23/2023 18:46	59003 MIFF_T1	0	0	0	0	0	0	0.4	0.36	0	0	0	0	0	0
12/23/2023 18:46	41801 GOCI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/23/2023 18:46	67103 SPRI_T1	0	0	0	0	0	0	-0.18	-0.17	0	0	0	0	0	0
12/23/2023 18:46	60201 ATGL_T2	0	0	0	0	0	0	0.19	0.26	0	0	0	0	0	0
12/23/2023 18:47	43202 MVIL_T2	0	0	0	0	0	0	-0.67	-0.68	0	0	0	0	0	0
12/23/2023 18:47	13704 SCHN_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/23/2023 18:47	52102 MEIS_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/23/2023 18:47	59101 WALK_T2	1	1	0	0	0	0	0.94	1.16	1	1	0	450	450	0
12/23/2023 18:47	67605 WARW_T1	0	0	0	0	0	0	-1.08	-1.11	0	0	0	0	0	0
12/23/2023 18:47	52403 GRPA_T2	7	19	12	0.7	1.05	0.35	0	0	0	0	0	0	0	0
12/23/2023 18:47	64101 REFR_T1	0	1	1	0	0	0	-0.1	-0.07	0	0	0	0	0	0
12/23/2023 18:48	40501 CRES_T2	0	1	1	0	0.1	0.1	0	0	0	0	0	0	0	0
12/23/2023 18:48	59101 WALK_T2	1	1	0	0	0	0	0.94	1.16	1	1	0	450	450	0
12/23/2023 18:48	56801 BENV_T1	2	3	1	0.75	0.87	0.12	-1.28	-1.28	2	2	0	1200	1200	0
12/23/2023 18:48	47401 PENS_T1	0	0	0	0	0	0	0.6	0.62	0	0	0	0	0	0
12/23/2023 18:48	55103 WERT_T1	0	1	1	0	0	0	0	0	0	0	0	0	0	0
12/23/2023 18:48	42701 AUGU_T1	1	1	0	0.3	0.5	0.2	0	0	1	1	0	600	600	0
12/23/2023 18:48	13704 SCHN_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/23/2023 18:48	62604 ENGL_T1	1	3	2	0.2	0.2	0	-0.53	-0.55	1	1	0	600	600	0
12/23/2023 18:49	56801 BENV_T1	2	3	1	0.75	0.87	0.12	-0.64	-0.64	1	1	0	600	600	0
12/23/2023 18:49	57401 SPAN_T1	3	22	19	3.23	0	-3.23	-0.77	-0.73	1	1	0	600	600	0
12/23/2023 18:50	40501 CRES_T2	0	1	1	0	0.1	0.1	0	0	0	0	0	0	0	0
12/23/2023 18:50	59102 WALK_T2	0	0	0	0	0	0	-0.41	-0.4	1	1	0	600	600	0
12/23/2023 18:50	64101 REFR_T1	0	1	1	0	0	0	-0.05	-0.04	0	0	0	0	0	0
12/23/2023 18:50	40101 HUNT_T2	7	25	18	0.24	0.37	0.13	-0.47	-0.49	0	0	0	0	0	0
12/23/2023 18:50	53501 EVIL_T2	3	7	4	0.13	0.31	0.18	-0.75	-0.78	0	0	0	0	0	0
12/23/2023 18:50	62607 ENGL_T1	0	8	8	0	0	0	0	0	0	0	0	0	0	0
12/23/2023 18:50	40602 PIGR_T1	0	0	0	0	0	0	0	0	1	1	0	600	600	0
12/23/2023 18:50	60201 ATGL_T2	0	0	0	0	0	0	0.19	0.26	0	0	0	0	0	0
12/23/2023 18:50	56801 BENV_T1	2	3	1	0.75	0.87	0.12	-1.28	-1.28	2	2	0	1200	1200	0
12/23/2023 18:51	66703 STRA_T1	0	3	3	0	0	0	-0.18	-0.17	0	0	0	0	0	0
12/23/2023 18:51	11804 FRAN_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/23/2023 18:51	67503 WEWI_T2	0	3	3	0	0	0	0	0	0	0	0	0	0	0
12/23/2023 18:51	64101 REFR_T1	0	1	1	0	0	0	-0.05	-0.04	0	0	0	0	0	0
12/23/2023 18:51	56801 BENV_T1	2	3	1	0.75	0.87	0.12	-0.64	-0.64	1	1	0	600	600	0
12/23/2023 18:52	62607 ENGL_T1	0	8	8	0	0	0	0	0	0	0	0	0	0	0
12/23/2023 18:53	52403 GRPA_T2	7	19	12	0.7	1.05	0.35	0.12	0.08	0	0	0	0	0	0
12/23/2023 18:53	65901 SAKR_T2	1	2	1	8.2	8.2	0	0	0	0	0	0	0	0	0
12/23/2023 18:53	52102 MEIS_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/23/2023 18:53	60101 COCA_T1	0	0	0	0	0	0	0.31	0.3	0	0	0	0	0	0
12/23/2023 18:54	58401 MORO_T1	1	0	-1	0.2	0	-0.2	0	0	0	0	0	0	0	0
12/23/2023 18:59	57401 SPAN_T1	3	22	19	3.23	0	-3.23	-0.73	-0.79	1	1	0	600	600	0
12/23/2023 19:00	56801 BENV_T1	3	3	0	0.87	0.7	-0.17	-0.64	-0.63	1	1	0	600	600	0
12/23/2023 19:12	57401 SPAN_T1	16	7	-9	4.43	0	-4.43	-0.79	-0.84	1	1	0	600	600	0
12/23/2023 19:26	28805 LAKE_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/23/2023 19:52	65004 NEFF_T2	1	1	0	1	0	-1	0	0	0	0	0	0	0	0
12/23/2023 19:57	14702 TREX_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/23/2023 20:12	40602 PIGR_T1	0	0	0	0	0	0	0	0	1	1	0	600	600	0
12/23/2023 20:44	14702 TREX_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/23/2023 20:45	60803 BUCK_T1	0	0	0	0	0	0	-1.52	-1.5	1	1	0	600	600	0
12/23/2023 21:04	65003 NEFF_T2	4	40	36	0.13	0.14	0.01	0	0	0	0	0	0	0	0
12/23/2023 21:37	14702 TREX_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/23/2023 22:24	65003 NEFF_T2	48	28	-20	0.15	0.14	-0.01	0	0	0	0	0	0	0	0
12/23/2023 22:29	14702 TREX_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/23/2023 23:27	65001 NEFF_T2	74	220	146	0.13	0.24	0.11	-1.47	-1.48	1	1	0	1200	1200	0
12/23/2023 23:37	14702 TREX_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/24/2023 0:25	65001 NEFF_T2	8	9	1	0.14	0.14	0	-1.5	-1.5	1	1	0	1200	1200	0
12/24/2023 0:35	14702 TREX_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/24/2023 0:50	44905 SCOT_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/24/2023 0:51	14702 TREX_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/24/2023 0:51	65001 NEFF_T2	8	0	-8	0.15	0	-0.15	-1.5	-1.52	1	1	0	1200	1200	0
12/24/2023 0:52	44905 SCOT_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/24/2023 0:53	44905 SCOT_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/24/2023 1:33	14702 TREX_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/24/2023 1:33	65001 NEFF_T2	0	0	0	0	0	0	-1.53	-1.48	1	1	0	1200	1200	0
12/24/2023 2:41	65001 NEFF_T2	0	0	0	0	0	0	-1.59	-1.54	1	1	0	1200	1200	0
12/24/2023 2:57	65001 NEFF_T2	0	0	0	0	0	0	-1.54	-1.59	1	1	0	1200	1200	0
12/24/2023 3:28	65001 NEFF_T2	0	0	0	0	0	0	-1.59	-1.59	1	1	0	1200	1200	0
12/24/2023 3:44	65001 NEFF_T2	0	0	0	0	0	0	-1.59	-1.55	1	1	0	1200	1200	0
12/24/2023 4:00	65001 NEFF_T2	0	0	0	0	0	0	-1.55	-1.55	1	1	0	1200	1200	0
12/24/2023 4:42	65001 NEFF_T2	0	0	0	0	0	0	-1.57	-1.53	1	1	0	1200	1200	0
12/24/2023 4:58	65001 NEFF_T2	0	0	0	0	0	0	-1.53	-1.55	1	1	0	1200	1200	0
12/24/2023 5:35	65001 NEFF_T2	0	0	0	0	0	0	-1.53	-1.51	1	1	0	1200	1200	0
12/24/2023 6:01	65001 NEFF_T2	0	0	0	0	0	0	-1.49	-1.48	1	1	0	1200	1200	0
12/24/2023 6:27	65001 NEFF_T2	0	0	0	0	0	0	-1.46	-1.43	1	1	0	1200	1200	0
12/24/2023 6:48	65001 NEFF_T2	0	0	0	0	0	0	-1.43	-1.39	1	1	0	1200	1200	0
12/24/2023 7:36	65001 NEFF_T2	0	0	0	0	0	0	-1.43	-1.39	1	1	0	1200	1200	0
12/24/2023 7:58	14702 TREX_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/24/2023 8:10	40501 CRES_T2	2	2	0	0.8	0.2	-0.6	0	0	0	0	0	0	0	0
12/24/2023 8:15	13503 MCMI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/24/2023 8:21	13503 MCMI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/24/2023 8:22	43402 BENT_T1	0	0	0	0	0	0	-3.08	-1.84	2	2	0	1800	1800	0
12/24/2023 8:24	43402 BENT_T1	0	0	0	0	0	0	-0.92	-0.92	1	1	0	900	900	0
12/24/2023 8:33	52102 MEIS_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/24/2023 8:34	52102 MEIS_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/24/2023 8:35	67103 SPRI_T1	0	0	0	0	0	0	-0.37	-0.41	0	0	0	0	0	0
12/24/2023 8:35	55002 NEWP_T1	4	6	2	0.3	0.47	0.17	-0.23	-0.22	0	0	0	0	0	0
12/24/2023 8:54	65001 NEFF_T2	0	0	0	0	0	0	-1.37	-1.28	1	1	0	1200	1200	0
12/24/2023 8:58	46801 HEPB_T2	0	0	0	0	0	0	0.58	0.56	0	0	0	0	0	0
12/24/2023 9:00	46003 BEIM_T2	1	1	0	3	2.7	-0.3	0	0	0	0	0	0	0	0
12/24/2023 9:00	41902 REED_T1	8	3	-5	1.28	0	-1.28	1.02	1.04	0	0	0	0	0	0
12/24/2023 9:00	53903 HAU_T2	2	2	0	0.1	0.3	0.2	-0.23	-0.23	0	0	0	0	0	0
12/24/2023 9:00	67103 SPRI_T1	0	0	0	0	0	0	-0.21	-0.22	0	0	0	0	0	0
12/24/2023 9:00	56504 ROCK_T2	0	0	0	0	0	0	-0.23	-0.23	0	0	0	0	0	0
12/24/2023 9:00	43304 WATS_T2	0	0	0	0	0	0	-0.27	-0.24	1	1	0	600	600	0
12/24/2023 9:00	27502 WEIS_T2	0	0	0	0	0	0	0.04	0.08	0	0	0	0	0	0
12/24/2023 9:00	43001 ALWD_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/24/2023 9:00	23401 HONE_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/24/2023 9:02	41901 REED_T1	1	3	2	0.2	0.5	0.3	-2.04	-2.04	1	1	0	900	900	0
12/24/2023 9:06	59102 WALK_T2	0	0	0	0	0	0	0.27	0.27	0	0	0	0	0	0
12/24/2023 9:06	17102 WTRE_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/24/2023 9:07	67103 SPRI_T1	0	0	0	0	0	0	-0.21	-0.22	0	0	0	0	0	0
12/24/2023 9:07	55101 WERT_T1	0	0	0	0	0	0	-2.9	-2.89	4	4	0	3000	3000	0
12/24/2023 9:07	57403 SPAN_T1	0	0	0	0	0	0	0.1	0.1	0	0	0	0	0	0
12/24/2023 9:08	55101 WERT_T1	0	0	0	0	0	0	-1.45	-1.45	2	2	0	1500	1500	0
12/24/2023 9:08	59101 WALK_T2	1	1	0	0	0	0	-0.55	-0.56	0	0	0	0	0	0
12/24/2023 9:08	67503 WEWI_T2	0	0	0	0	0	0	-0.34	-0.27	0	0	0	0	0	0
12/24/2023 9:08	67103 SPRI_T1	0	0	0	0	0	0	-0.21	-0.22	0	0	0	0	0	0
12/24/2023 9:09	55101 WERT_T1	0	0	0	0	0	0	-1.45	-1.43	2	2	0	1500	1500	0
12/24/2023 9:09	43402 BENT_T1	0	0	0	0	0	0	-1.82	-1.81	2	2	0	1800	1800	0
12/24/2023 9:10	55101 WERT_T1	0	0	0	0	0	0	-1.45	-1.43	2	2	0	1500	1500	0
12/24/2023 9:11	43402 BENT_T1	0	0	0	0	0	0	-0.91	-0.9	1	1	0	900	900	0
12/24/2023 9:11	46801 HEPB_T2	0	0	0	0	0	0	0.56	0.57	0	0	0	0	0	0
12/24/2023 9:14	46801 HEPB_T2	0	0	0	0	0	0	0.56	0.57	0	0	0	0	0	0
12/24/2023 9:15	52102 MEIS_T1	0	2	2	0	0.1	0.1	0	0	0	0	0	0	0	0
12/24/2023 9:16	43202 MVIL_T2	0	0	0	0	0	0	-0.65	-0.67	0	0	0	0	0	0
12/24/2023 9:17	43202 MVIL_T2	0	0	0	0	0	0	-0.65	-0.67	0	0	0	0	0	0
12/24/2023 9:17	13503 MCMI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/24/2023 9:18	52102 MEIS_T1	0	2	2	0	0.1	0.1	0	0	0	0	0	0	0	0
12/24/2023 9:19	52102 MEIS_T1	0	2	2	0	0.1	0.1	0	0	0	0	0	0	0	0
12/24/2023 9:20	49803 UNIV_T1	0	0	0	0	0	0	-1.15	-1.13	0	0	0	0	0	0
12/24/2023 9:20	41901 REED_T1	2	3	1	0.4	0.5	0.1	0	0	0	0	0	0	0	0
12/24/2023 9:22	41902 REED_T1	2	1	-1	0.15	0	-0.15	1.04	1.01	0	0	0	0	0	0
12/24/2023 9:24	45501 DERR_T2	0	3	3	0	0	0	-0.91	-0.96	2	2	0	1800	1800	0
12

12/24/2023 10:09	57401 SPAN_T1	1	3	2	2.7	0	-2.7	-2.15	-2.1	2	2	0	1200	1200	0
12/24/2023 10:09	60305 TWVA_T2	0	0	0	0	0	0	-1.64	-1.68	2	0	-2	2400	0	-2400
12/24/2023 10:10	56803 BENV_T1	1	0	-1	0.2	0	-0.2	0	0	0	0	0	0	0	0
12/24/2023 10:11	60101 COCA_T1	0	0	0	0	0	0	0.6	0.61	0	0	0	0	0	0
12/24/2023 10:12	40501 CRES_T2	2	2	0	0.15	0.2	0.05	0	0	0	0	0	0	0	0
12/24/2023 10:12	47002 HUGH_T2	0	2	2	0	0	0	0	0	0	0	0	0	0	0
12/24/2023 10:13	47002 HUGH_T2	0	2	2	0	0	0	0	0	0	0	0	0	0	0
12/24/2023 10:13	63404 HONY_T1	2	2	0	6.25	6.45	0.2	0	0	0	0	0	0	0	0
12/24/2023 10:15	64204 KINZ_T1	1	1	0	0.8	0.3	-0.5	0	0	0	0	0	0	0	0
12/24/2023 10:15	52403 GRPA_T2	0	0	0	0	0	0	0	-0.01	0	0	0	0	0	0
12/24/2023 10:15	27101 GFLD_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/24/2023 10:16	55002 NEWP_T1	3	3	0	0.23	0.3	0.07	-0.21	-0.2	0	0	0	0	0	0
12/24/2023 10:17	55002 NEWP_T1	3	3	0	0.23	0.3	0.07	-0.21	-0.2	0	0	0	0	0	0
12/24/2023 10:18	55002 NEWP_T1	3	3	0	0.23	0.3	0.07	-0.21	-0.2	0	0	0	0	0	0
12/24/2023 10:18	65001 NEFF_T2	0	0	0	0	0	0	-1.39	-1.33	1	1	0	1200	1200	0
12/24/2023 10:19	64204 KINZ_T1	1	1	0	0.8	0.3	-0.5	0	0	0	0	0	0	0	0
12/24/2023 10:20	40602 PIGR_T1	0	0	0	0	0	0	0	0	1	1	0	600	600	0
12/24/2023 10:20	56501 ROCK_T2	1	1	0	0.4	0.4	0	-1.49	-1.47	0	0	0	0	0	0
12/24/2023 10:20	55002 NEWP_T1	3	3	0	0.23	0.3	0.07	-0.21	-0.2	0	0	0	0	0	0
12/24/2023 10:21	43001 ALWD_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/24/2023 10:22	65001 NEFF_T2	0	0	0	0	0	0	-1.39	-1.33	1	1	0	1200	1200	0
12/24/2023 10:22	57401 SPAN_T1	3	0	-3	4.03	0	-4.03	-1.08	-1.05	1	1	0	600	600	0
12/24/2023 10:23	65001 NEFF_T2	0	0	0	0	0	0	-1.39	-1.33	1	1	0	1200	1200	0
12/24/2023 10:23	57401 SPAN_T1	3	0	-3	4.03	0	-4.03	-1.08	-1.05	1	1	0	600	600	0
12/24/2023 10:28	40101 HUNT_T2	87	215	128	0.59	0.55	-0.04	-0.51	-0.51	0	0	0	0	0	0
12/24/2023 10:30	40901 JESH_T1	2	3	1	1.3	0.2	-1.1	0	0	0	0	0	0	0	0
12/24/2023 10:30	40101 HUNT_T2	169	213	44	0.61	0.58	-0.03	-0.51	-0.51	0	0	0	0	0	0
12/24/2023 10:32	40101 HUNT_T2	169	213	44	0.61	0.58	-0.03	-0.51	-0.51	0	0	0	0	0	0
12/24/2023 10:33	65902 SAKR_T2	0	0	0	0	0	0	-0.69	-0.7	1	1	0	300	300	0
12/24/2023 10:34	40602 PIGR_T1	0	0	0	0	0	0	0	0	1	1	0	600	600	0
12/24/2023 10:35	16402 MOPO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/24/2023 10:35	54001 SDLE_T1	4	4	0	0.45	0.45	0	0	0	1	1	0	600	600	0
12/24/2023 10:36	59102 WALK_T2	0	0	0	0	0	0	0.27	0.29	0	0	0	0	0	0
12/24/2023 10:36	40602 PIGR_T1	0	0	0	0	0	0	0	0	1	1	0	600	600	0
12/24/2023 10:36	14403 SSLA_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/24/2023 10:36	54001 SDLE_T1	4	4	0	0.45	0.45	0	0	0	1	1	0	600	600	0
12/24/2023 10:37	54001 SDLE_T1	4	4	0	0.45	0.45	0	0	0	2	2	0	1200	1200	0
12/24/2023 10:37	56801 BENV_T1	14	13	-1	0.8	0.84	0.04	-0.59	-0.62	1	1	0	600	600	0
12/24/2023 10:37	56802 BENV_T2	0	0	0	0	0	0	-1.38	-1.33	0	0	0	0	0	0
12/24/2023 10:37	43001 ALWD_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/24/2023 10:38	27502 WEIS_T2	0	0	0	0	0	0	-0.37	-0.43	0	0	0	0	0	0
12/24/2023 10:38	45402 WBLO_T2	1	0	-1	1	0	-1	-0.63	-0.62	0	0	0	0	0	0
12/24/2023 10:38	16402 MOPO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/24/2023 10:39	43402 BENT_T1	0	0	0	0	0	0	-0.9	-0.91	1	1	0	900	900	0
12/24/2023 10:39	51604 DUKE_T2	0	0	0	0	0	0	-1.65	-1.64	1	1	0	900	900	0
12/24/2023 10:39	59101 WALK_T2	1	1	0	0	0	0	-0.55	-0.53	0	0	0	0	0	0
12/24/2023 10:39	56802 BENV_T2	0	0	0	0	0	0	-1.33	-1.36	0	0	0	0	0	0
12/24/2023 10:40	56802 BENV_T2	0	0	0	0	0	0	-1.33	-1.36	0	0	0	0	0	0
12/24/2023 10:40	29402 BELT_T1	1	1	0	5.9	6.3	0.4	0	0	0	0	0	0	0	0
12/24/2023 10:42	56802 BENV_T2	0	0	0	0	0	0	-2.67	-2.72	0	0	0	0	0	0
12/24/2023 10:44	64204 KINZ_T1	1	2	1	0.3	0.7	0.4	0	0	0	0	0	0	0	0
12/24/2023 10:44	27502 WEIS_T2	0	0	0	0	0	0	-0.37	-0.43	0	0	0	0	0	0
12/24/2023 10:45	64204 KINZ_T1	0	2	2	0	0.7	0.7	0	0	0	0	0	0	0	0
12/24/2023 10:45	52402 GRPA_T2	2	2	0	2.15	3.4	1.25	0	0	0	0	0	0	0	0
12/24/2023 10:45	52006 LING_T2	3	3	0	0.43	0.37	-0.06	0	0	0	0	0	0	0	0
12/24/2023 10:46	40101 HUNT_T2	212	145	-67	0.71	0.55	-0.16	-0.51	-0.52	0	0	0	0	0	0
12/24/2023 10:47	42903 MIDD_T2	2	2	0	0.5	0.3	-0.2	-1.41	-1.42	1	1	0	1200	1200	0
12/24/2023 10:47	52402 GRPA_T2	2	2	0	2.15	3.4	1.25	0	0	0	0	0	0	0	0
12/24/2023 10:48	44201 POIN_T1	0	0	0	0	0	0	-2.14	-2.21	1	1	0	900	900	0
12/24/2023 10:48	57304 MOAL_T2	0	0	0	0	0	0	-0.29	-0.29	0	0	0	0	0	0
12/24/2023 10:51	44201 POIN_T1	0	0	0	0	0	0	-2.14	-2.21	1	1	0	900	900	0
12/24/2023 10:52	60201 ATGL_T2	0	0	0	0	0	0	0.19	0.16	0	0	0	0	0	0
12/24/2023 10:53	57401 SPAN_T1	0	0	0	0	0	0	-1.05	-1.04	1	1	0	600	600	0
12/24/2023 10:54	43001 ALWD_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/24/2023 10:54	67503 WEWI_T2	0	0	0	0	0	0	-0.21	-0.15	0	0	0	0	0	0
12/24/2023 10:54	53107 CARL_T1	0	0	0	0	0	0	-0.48	-0.42	0	0	0	0	0	0
12/24/2023 10:54	27502 WEIS_T2	0	0	0	0	0	0	-0.86	-0.91	0	0	0	0	0	0
12/24/2023 10:55	16101 BING_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/24/2023 10:56	51108 CARL_T1	1	1	0	0.2	0.1	-0.1	0	0	0	0	0	0	0	0
12/24/2023 10:56	60201 ATGL_T2	0	0	0	0	0	0	0.16	0.26	0	0	0	0	0	0
12/24/2023 10:57	16101 BING_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/24/2023 10:58	11104 EGYP_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/24/2023 10:58	61303 EARL_T1	0	0	0	0	0	0	-0.07	-0.05	0	0	0	0	0	0
12/24/2023 10:59	42902 MIDD_T2	0	2	2	0	0	0	-1.28	-1.28	1	1	0	600	600	0
12/24/2023 11:00	27502 WEIS_T2	0	0	0	0	0	0	-0.43	-0.46	0	0	0	0	0	0
12/24/2023 11:02	40101 HUNT_T2	145	79	-66	0.59	0.62	0.03	-1.05	-1.04	0	0	0	0	0	0
12/24/2023 11:04	64101 REFR_T1	0	0	0	0	0	0	-0.01	-0.04	0	0	0	0	0	0
12/24/2023 11:05	64101 REFR_T1	0	0	0	0	0	0	-0.01	-0.07	0	0	0	0	0	0
12/24/2023 11:06	64101 REFR_T1	0	0	0	0	0	0	-0.02	-0.11	0	0	0	0	0	0
12/24/2023 11:06	40602 PIGR_T1	0	0	0	0	0	0	0	0	1	1	0	600	600	0
12/24/2023 11:06	59101 WALK_T2	1	1	0	0	0	0	-0.53	-0.45	0	0	0	0	0	0
12/24/2023 11:07	64101 REFR_T1	0	0	0	0	0	0	-0.01	-0.04	0	0	0	0	0	0
12/24/2023 11:07	55103 WERT_T1	0	1	1	0	0	0	0	0	0	0	0	0	0	0
12/24/2023 11:08	66703 STRA_T1	0	1	1	0	0.2	0.2	-0.08	-0.14	0	0	0	0	0	0
12/24/2023 11:09	56802 BENV_T2	0	0	0	0	0	0	-1.28	-1.29	0	0	0	0	0	0
12/24/2023 11:09	59101 WALK_T2	1	1	0	0	0	0	-0.9	-1	0	0	0	0	0	0
12/24/2023 11:11	60801 BUCK_T1	0	4	4	0	0	0	0	0	0	0	0	0	0	0
12/24/2023 11:11	56802 BENV_T2	0	0	0	0	0	0	-1.28	-1.29	0	0	0	0	0	0
12/24/2023 11:12	56802 BENV_T2	0	0	0	0	0	0	-1.28	-1.29	0	0	0	0	0	0
12/24/2023 11:16	43201 MVIL_T2	0	1	1	0	0	0	0	0	0	0	0	0	0	0
12/24/2023 11:16	45702 LIND_T2	0	2	2	0	0	0	-0.49	-0.5	0	0	0	0	0	0
12/24/2023 11:16	65001 NEFF_T2	0	0	0	0	0	0	-1.32	-1.33	1	1	0	1200	1200	0
12/24/2023 11:19	67605 WARW_T1	0	0	0	0	0	0	-1.23	-1.21	0	0	0	0	0	0
12/24/2023 11:19	13503 MCMI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/24/2023 11:19	64101 REFR_T1	0	0	0	0	0	0	-0.04	-0.05	0	0	0	0	0	0
12/24/2023 11:20	58001 WCAR_T1	4	4	0	0.75	0.78	0.03	0	0	0	0	0	0	0	0
12/24/2023 11:20	27502 WEIS_T2	0	0	0	0	0	0	-0.46	-0.45	0	0	0	0	0	0
12/24/2023 11:21	64101 REFR_T1	0	0	0	0	0	0	-0.07	-0.09	0	0	0	0	0	0
12/24/2023 11:21	58001 WCAR_T1	4	4	0	0.75	0.78	0.03	0	0	0	0	0	0	0	0
12/24/2023 11:22	44901 SCOT_T2	0	2	2	0	0	0	-1.24	-1.25	0	0	0	0	0	0
12/24/2023 11:22	59101 WALK_T2	1	1	0	0	0	0	-0.45	-0.5	0	0	0	0	0	0
12/24/2023 11:22	40602 PIGR_T1	0	0	0	0	0	0	0	0	1	1	0	600	600	0
12/24/2023 11:23	64101 REFR_T1	0	0	0	0	0	0	-0.04	-0.05	0	0	0	0	0	0
12/24/2023 11:25	64101 REFR_T1	0	0	0	0	0	0	-0.05	-0.03	0	0	0	0	0	0
12/24/2023 11:26	27502 WEIS_T2	0	0	0	0	0	0	-0.45	-0.43	0	0	0	0	0	0
12/24/2023 11:28	52403 GRPA_T2	4	3	-1	1.6	0.6	-1	-0.02	0	0	0	0	0	0	0
12/24/2023 11:28	59302 MCAL_T1	1	1	0	0.5	0.4	-0.1	-0.54	-0.54	1	1	0	600	600	0
12/24/2023 11:29	61301 EARL_T1	0	0	0	0.8	0	0	-0.48	-0.48	1	1	0	900	900	0
12/24/2023 11:34	64101 REFR_T1	0	0	0	0	0	0	-0.09	-0.05	0	0	0	0	0	0
12/24/2023 11:35	44201 POIN_T1	0	0	0	0	0	0	-2.19	-2.22	1	1	0	900	900	0
12/24/2023 11:36	55103 WERT_T1	1	0	-1	2.1	0	-2.1	0	0	0	0	0	0	0	0
12/24/2023 11:36	27502 WEIS_T2	0	0	0	0	0	0	-0.45	-0.43	0	0	0	0	0	0
12/24/2023 11:37	64101 REFR_T1	0	0	0	0	0	0	-0.09	-0.05	0	0	0	0	0	0
12/24/2023 11:37	49803 UNIV_T1	0	0	0	0	0	0	-1.1	-1.07	0	0	0	0	0	0
12/24/2023 11:38	49803 UNIV_T1	0	0	0	0	0	0	-1.07	-1.08	0	0	0	0	0	0
12/24/2023 11:38	64101 REFR_T1	0	0	0	0	0	0	-0.05	-0.03	0	0	0	0	0	0
12/24/2023 11:38	43001 ALWD_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/24/2023 11:38	17102 WTRE_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/24/2023 11:39	60201 ATGL_T2	0	0	0	0	0	0	0.29	0.2	0	0	0	0	0	0
12/24/2023 11:39	55105 WERT_T1	0	3	3	0	0	0	-0.55	-0.56	1	1	0	900	900	0
12/24/2023 11:39	55105 WERT_T1	0	3	3	0	0	0	-0.55	-0.56	1	1	0	900	900	0
12/24/2023 11:40	55105 WERT_T1	3	0	-3	0	0	0	0	0	0	0	0	0	0	0
12/24/2023 11:40	61303 EARL_T1	0	0	0	0	0	0	-0.06	-0.08	0	0	0	0	0	0
12/24/2023 11:40	43001 ALWD_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/24/2023 11:42	27502 WEIS_T2	0	0	0	0	0	0	-0.43	-0.43	0	0	0	0	0	0
12/24/2023 11:44	13503 MCMI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/24/2023 11:45	67605 WARW_T1	0	0	0	0	0	0	-1.2	-1.2	0	0	0	0	0	0
12/24/2023 11:46	41801 GOCI_T2	1	1	0	1.8	0	-1.8	0	0	0	0	0	0	0	0
12/24/2023 11:47	63401 HONY_T1	0	0	0	0	0	0	-0.14	-0.12	0	0	0	0	0	0
12/24/2023 11:47	65001 NEFF_T2	0	0	0	0	0	0	-1.32	-1.31	1	1	0	1200	1200	0
12/24/2023 11:49	57401 SPAN_T1	0	0	0	0	0	0	-1.06	-1.07	1	1	0	600	600	0
12/24/2023 11:50	44203 POIN_T2	2	1	-1	0.6	0	-0.6	-0.16	-0.16	1	1	0	900	900	0
12/24/2023 11:51	14403 SSLA_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/24/2023 11:53	57401 SPAN_T1	0	0	0	0	0	0	-3.19	-3.2	3	3	0	1800	1800	0
12/24/2023 11:54	27502 WEIS_T2	0	0	0	0	0	0	-0.43	-0.42	0	0	0	0	0	0
12/24/2023 11:55	17102 WTRE_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/24/2023 11:57	53601 DALM_T2	1	1	0	0.4	0.2	-0.2	-0.04	-0.12	0	0	0	0	0	0
12/24/2023 11:58	27502 WEIS_T2	0	0	0	0	0	0	-0.43	-0.42	0	0	0	0	0	0
12/24/2023 12:00	24702 FLND_T2	3	9	6	0.13	1.34	1.21	-0.69	-0.54	1	1	0	1200	1200	0
12/24/2023 12:04	64101 REFR_T1	0	0	0	0	0	0	-0.03	-0.05	0	0	0	0	0	0
12/24/2023 12:06	44203 POIN_T2	1	0	-1	0.2	0	-0.2	-0.16	-0.21	1	1	0	900	900	0
12/24/2023 12:06	64101 REFR_T1	0	0	0	0	0	0	-0.05	-0.09	0	0	0	0	0	0
12/24/2023 12:08	65001 NEFF_T2	0	0	0	0	0	0	-1.31	-1.25	1	1	0	1200	1200	0
12/24/2023 12:08	64101 REFR_T1	0	0	0	0	0	0	-0.05	-0.09	0	0	0	0	0	0
12/24/2023 12:09	60201 ATGL_T2	0	0	0	0	0	0	0.18	0.21	0	0	0	0	0	0
12/24/2023 12:11	60201 ATGL_T2	0	0	0	0	0	0	0.18	0.21	0	0	0	0	0	0
12/24/2023 12:12	61303 EARL_T1	0	0	0	0	0	0	-0.09	-0.06	0	0	0	0	0	0
12/24/2023 12:15	13302 ORVI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/24/2023 12:17	67605 WARW_T1	0	1	1	0	0	0	-1.18	-1.2	0	0	0	0	0	0
12/24/2023 12:20	64101 REFR_T1	0	0	0	0	0	0	-0.05	-0.03	0	0	0	0	0	0
12/24/2023 12:23	14403 SSLA_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/24/2023 12:25	43001 ALWD_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/24/2023 12:35	63203 MGTN_T1	0	0	0	0	0	0	-0.29	-0.28	1	1	0	600	600	0
12/24/2023 12:42	61703 ELIZ_T1	0	20	20	0	0.16	0.16	-2.04	-2.06	1	1	0	900	900	0
12/24/2023 12:44	61701 ELIZ_T1	1	2	1	5.3	5.7	0.4	0	0	0	0	0	0	0	0
12/24/2023 12:45	61703 ELIZ_T1	19	9	-10	0.16	0.12	-0.04	-4.08	-4.12	2	2	0	1800	1800	0
12/24/2023 12:49	54202 PENN_T2	2	1	-1	0.65	0	-0.65	0	0	0	0	0	0	0	0
12/24/2023 12:49	51003 NHAR_T1	5	11	6	0.16	0.22	0.06	0	0	0	0	0	0	0	0
12/24/2023 12:53	55101 WERT_T1	0	0	0	0	0	0	-2.9	-2.98	4	4	0	3000	3000	0
12/24/2023 12:54	10705 CATA_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/24/2023 12:55	55101 WERT_T1	0	0	0	0	0	0	-1.49	-1.52	2	2	0	1500	1500	0
12/24/2023 13:02	59001 MIFF_T1	11	18	7	0.16	0.21	0.05	0	0	0	0	0	0	0	0
12/24/2023 13:02	48302 ORWI_T2	5	426	421	1.36	0.83	-0.53	-0.54	-0.58	0	0	0	0	0	0
12/24/2023 13:03	59002 MIFF_T1	3	4	1	0.2	0.23	0.03	0	0	0	0	0	0	0	0
12/24/2023 13:06	65001 NEFF_T2	0	0	0	0	0	0	-1.28	-1.13	1	1	0	1200	1200	0
12/24/2023 13:06	44601 SALE_T2	0	1	1	0	0	0	-0.26	-0.27	0	0	0	0	0	0
12/24/2023 13:22	49804 UNIV_T1	1	2	1	1.4	0.3	-1.1	0	0	0	0	0	0	0	0
12/24/2023 13:26	40501 CRES_T2	7	10	3	0.16	0.26	0.1	0	0	0	0	0	0	0	0
12/24/2023 13:27	51604 DUKE_T2	4	7	3	0.1	0.13	0.03	-1.67	-1.66	1	1	0	900	900	0
12/24/2023 13:34	16602 PONO_T2	0	0	0	0	0	0	-0.18	-0.1	1	1	0	1200	1200	0
12/24/2023 13:38	48302 ORWI_T2	219	9	-210	1.96	0.93	-1.03	-0.6	-0.59	0	0	0	0	0	0
12/24/2023 13:40	55105 WERT_T1	0	0	0	0	0	0	-0.58	-0.59	1	1	0	900	900	0
12/24/2023 13:49	59003 MIFF_T1	2	1	-1	1.75	0.2	-1.55	0.39	0.42	0	0	0	0	0	0
12/24/2023 13:49	50506 MECH_T1	0	1	1	0	0	0	-0.18	-0.19	0	0	0	0	0	0
12/24/2023 13:51	67204 TEHI_T2	0	0	0	0	0	0	-0.25	-0.25	0	0	0	0	0	0
12/24/2023 13:52	67204 TEHI_T2	0	0	0	0	0	0	-0.25	-0.25	0	0	0	0	0	0
12/24/2023 13:53	49803 UNIV_T1	1	2	1	0.1	0.1	0	-1.14	-1.15	0	0	0	0	0	0
12/24/2023 13:58	65001 NEFF_T2	0	0	0	0	0	0	-1.39	-1.38	1	1	0	1200	1200	0
12/24/2023 13:59	54504 ENOL_T2	0	0	0	0	0	0	-1.1	-1.08	1	1	0	600	600	0
12/24/2023 14:00	13503 MCMI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/24/2023 14:02	51004 NHAR_T1

12/24/2023 14:38	67502 WEWI_T2	0	1	1	0	0	0	-2.84	-2.84	2	2	0	1800	1800	0
12/24/2023 14:38	56504 ROCK_T2	0	2	2	0	0	0	0	0	0	0	0	0	0	0
12/24/2023 14:38	42201 SHEN_T2	0	0	0	0	0	0	0.32	0.35	0	0	0	0	0	0
12/24/2023 14:39	67502 WEWI_T2	0	1	1	0	0	0	-1.42	-1.45	1	1	0	900	900	0
12/24/2023 14:40	67503 WEWI_T2	0	0	0	0	0	0	-0.28	-0.21	0	0	0	0	0	0
12/24/2023 14:40	67503 WEWI_T2	0	0	0	0	0	0	-0.28	-0.21	0	0	0	0	0	0
12/24/2023 14:40	40501 CRES_T2	7	8	1	0.2	0.25	0.05	0	0	0	0	0	0	0	0
12/24/2023 14:41	67502 WEWI_T2	0	1	1	0	0	0	-2.84	-2.89	2	2	0	1800	1800	0
12/24/2023 14:41	65001 NEFF_T2	0	0	0	0	0	0	-1.38	-1.39	1	1	0	1200	1200	0
12/24/2023 14:41	60201 ATGL_T2	0	0	0	0	0	0	0.19	0.16	0	0	0	0	0	0
12/24/2023 14:42	40502 CRES_T2	29	32	3	1.42	0.33	-1.09	-0.87	-0.84	0	0	0	0	0	0
12/24/2023 14:43	46803 HEPB_T2	0	0	0	0	0	0	0.25	0.25	0	0	0	0	0	0
12/24/2023 14:44	40501 CRES_T2	7	8	1	0.2	0.25	0.05	0	0	0	0	0	0	0	0
12/24/2023 14:45	42903 MIDD_T2	3	2	-1	1.5	1.05	-0.45	-1.5	-1.48	1	1	0	1200	1200	0
12/24/2023 14:46	28805 LAKE_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/24/2023 14:47	28805 LAKE_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/24/2023 14:47	13503 MCMI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/24/2023 14:48	48303 ORWI_T2	5	2	-3	1.5	0	-1.5	0	0	0	0	0	0	0	0
12/24/2023 14:48	63202 MGTN_T2	0	1	1	0	0	0	0	0	0	0	0	0	0	0
12/24/2023 14:49	52501 PROG_T1	0	0	0	0	0	0	0.28	0.28	1	1	0	300	300	0
12/24/2023 14:50	48303 ORWI_T2	5	2	-3	1.5	0	-1.5	0	0	0	0	0	0	0	0
12/24/2023 14:51	64101 REFR_T1	0	0	0	0	0	0	-0.12	-0.13	0	0	0	0	0	0
12/24/2023 14:51	64801 MONE_T2	0	0	0	0	0	0	0.33	0.33	0	0	0	0	0	0
12/24/2023 14:52	64101 REFR_T1	0	0	0	0	0	0	-0.12	-0.13	0	0	0	0	0	0
12/24/2023 14:52	59402 RFLD_T2	0	0	0	0	0	0	-0.82	-0.8	1	1	0	450	450	0
12/24/2023 14:53	57401 SPAN_T1	0	4	4	0	0	0	-2.05	-2.13	2	2	0	1200	1200	0
12/24/2023 14:53	64101 REFR_T1	0	0	0	0	0	0	-0.12	-0.13	0	0	0	0	0	0
12/24/2023 14:56	59301 MCAL_T1	4	19	15	0.5	0.25	-0.25	-1.41	-1.42	0	0	0	0	0	0
12/24/2023 14:56	29402 BELT_T1	1	2	1	6.1	6.6	0.5	0	0	0	0	0	0	0	0
12/24/2023 15:00	64101 REFR_T1	0	0	0	0	0	0	-0.13	-0.07	0	0	0	0	0	0
12/24/2023 15:00	47901 HRDG_T1	0	0	0	0	0	0	0.5	0.52	0	0	0	0	0	0
12/24/2023 15:01	46501 LOHA_T1	1	1	0	0.4	0	-0.4	-0.42	-0.42	1	1	0	1200	1200	0
12/24/2023 15:02	47901 HRDG_T1	0	0	0	0	0	0	0.5	0.52	0	0	0	0	0	0
12/24/2023 15:03	13503 MCMI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/24/2023 15:04	44901 SCOT_T2	1	2	1	1.2	0	-1.2	-0.63	-0.61	0	0	0	0	0	0
12/24/2023 15:05	56501 ROCK_T2	20	49	29	0.14	0.15	0.01	-3.01	-3.11	0	0	0	0	0	0
12/24/2023 15:05	42802 SELI_T1	0	0	0	0	0	0	-2.34	-2.3	1	1	0	900	900	0
12/24/2023 15:06	42801 SELI_T1	1	1	0	0	0	0	0	0	0	0	0	0	0	0
12/24/2023 15:07	42802 SELI_T1	0	0	0	0	0	0	-2.34	-2.3	1	1	0	900	900	0
12/24/2023 15:08	56501 ROCK_T2	20	49	29	0.14	0.15	0.01	-4.51	-4.66	0	0	0	0	0	0
12/24/2023 15:10	51604 DUKE_T2	5	4	-1	0.16	0.13	-0.03	-1.66	-1.65	1	1	0	900	900	0
12/24/2023 15:10	40502 CRES_T2	27	24	-3	1.03	0.37	-0.66	-1.73	-1.72	0	0	0	0	0	0
12/24/2023 15:10	45501 DERR_T2	0	5	5	0	0	0	-1.81	-1.87	4	4	0	3600	3600	0
12/24/2023 15:11	45501 DERR_T2	0	5	5	0	0	0	-0.9	-0.93	2	2	0	1800	1800	0
12/24/2023 15:12	40501 CRES_T2	8	7	-1	0.24	0.27	0.03	0	0	0	0	0	0	0	0
12/24/2023 15:12	51604 DUKE_T2	5	4	-1	0.16	0.13	-0.03	-1.66	-1.65	1	1	0	900	900	0
12/24/2023 15:14	40502 CRES_T2	27	24	-3	1.03	0.37	-0.66	-4.34	-4.3	0	0	0	0	0	0
12/24/2023 15:15	57401 SPAN_T1	0	2	2	0	0	0	-0.82	-0.78	1	1	0	600	600	0
12/24/2023 15:19	60604 NCOL_T2	0	0	0	0	0	0	0.61	0.52	0	0	0	0	0	0
12/24/2023 15:20	64101 REFR_T1	0	0	0	0	0	0	-0.07	-0.12	0	0	0	0	0	0
12/24/2023 15:33	58402 MORO_T1	0	0	0	0	0	0	-0.54	-0.53	2	2	0	1500	1500	0
12/24/2023 15:34	58402 MORO_T1	0	0	0	0	0	0	-0.54	-0.53	2	2	0	1500	1500	0
12/24/2023 15:43	65001 NEFF_T2	0	0	0	0	0	0	-1.42	-1.42	1	1	0	1200	1200	0
12/24/2023 15:58	47901 HRDG_T1	0	0	0	0	0	0	0.48	1.51	0	0	0	0	0	0
12/24/2023 16:10	40501 CRES_T2	2	1	-1	0.15	0	-0.15	0	0	0	0	0	0	0	0
12/24/2023 16:12	40501 CRES_T2	2	1	-1	0.15	0	-0.15	0	0	0	0	0	0	0	0
12/24/2023 16:14	40502 CRES_T2	8	16	8	1.09	0.22	-0.87	-1.17	-1.06	0	0	0	0	0	0
12/24/2023 16:46	65001 NEFF_T2	0	0	0	0	0	0	-1.42	-1.42	1	1	0	1200	1200	0
12/24/2023 17:02	58402 MORO_T1	0	0	0	0	0	0	-0.53	-0.38	2	2	0	1500	1500	0
12/24/2023 17:05	58402 MORO_T1	0	0	0	0	0	0	-0.53	-0.38	2	2	0	1500	1500	0
12/24/2023 17:39	65001 NEFF_T2	0	0	0	0	0	0	-1.4	-1.44	1	1	0	1200	1200	0
12/24/2023 18:12	40101 HUNT_T2	10	11	1	0.9	0.35	-0.55	-0.59	-0.57	0	0	0	0	0	0
12/24/2023 18:14	40101 HUNT_T2	10	11	1	0.9	0.35	-0.55	-0.59	-0.57	0	0	0	0	0	0
12/24/2023 18:16	40502 CRES_T2	20	32	12	0.76	0.36	-0.4	-1.75	-1.77	0	0	0	0	0	0
12/24/2023 18:18	40502 CRES_T2	20	32	12	0.76	0.36	-0.4	-0.87	-0.88	0	0	0	0	0	0
12/24/2023 18:19	60305 TWVA_T2	0	0	0	0	0	0	-1.71	-1.7	2	2	0	2400	2400	0
12/24/2023 18:20	64202 KINZ_T1	0	1	1	0	0.3	0.3	0	0	0	0	0	0	0	0
12/24/2023 18:20	44201 POIN_T1	0	0	0	0	0	0	-2.16	-2.24	1	1	0	900	900	0
12/24/2023 18:20	40502 CRES_T2	20	32	12	0.76	0.36	-0.4	-0.87	-0.88	0	0	0	0	0	0
12/24/2023 18:20	41801 GOCI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/24/2023 18:21	28805 LAKE_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/24/2023 18:21	42802 SELI_T1	0	0	0	0	0	0	-2.36	-2.33	1	1	0	900	900	0
12/24/2023 18:22	40502 CRES_T2	20	32	12	0.76	0.36	-0.4	-0.87	-0.88	0	0	0	0	0	0
12/24/2023 18:22	29401 BELT_T1	1	0	-1	0.1	0	-0.1	0	0	0	0	0	0	0	0
12/24/2023 18:22	14705 TREX_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/24/2023 18:22	48302 ORWI_T2	4	7	3	1.08	1.13	0.05	-0.61	-0.62	0	0	0	0	0	0
12/24/2023 18:23	67103 SPRI_T1	1	0	-1	0.8	0	-0.8	-0.47	-0.49	0	0	0	0	0	0
12/24/2023 18:23	44203 POIN_T2	0	0	0	0	0	0	-0.31	-0.3	1	1	0	900	900	0
12/24/2023 18:23	16402 MOPO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/24/2023 18:23	44902 SCOT_T2	1	2	1	0.9	0	-0.9	0	0	0	0	0	0	0	0
12/24/2023 18:24	40502 CRES_T2	20	32	12	0.76	0.36	-0.4	-0.88	-0.89	0	0	0	0	0	0
12/24/2023 18:24	45501 DERR_T2	0	5	5	0	0	0	-0.84	-0.85	2	2	0	1800	1800	0
12/24/2023 18:26	17102 WTRE_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/24/2023 18:26	10705 CATA_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/24/2023 18:26	24702 FLND_T2	1	1	0	0.3	0	-0.3	0.44	0.19	0	0	0	0	0	0
12/24/2023 18:26	40501 CRES_T2	7	8	1	0.27	0.26	-0.01	0	0	0	0	0	0	0	0
12/24/2023 18:26	16101 BING_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/24/2023 18:26	45501 DERR_T2	0	5	5	0	0	0	-0.84	-0.85	2	2	0	1800	1800	0
12/24/2023 18:26	40602 PIGR_T1	0	0	0	0	0	0	0	0	1	1	0	600	600	0
12/24/2023 18:26	47001 HUGH_T2	1	20	19	1.3	0	-1.3	-0.77	-0.79	0	0	0	0	0	0
12/24/2023 18:27	16101 BING_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/24/2023 18:27	44902 SCOT_T2	1	2	1	0.9	0	-0.9	0	0	0	0	0	0	0	0
12/24/2023 18:28	46502 LOHA_T1	2	3	1	1	0	-1	0	0	0	0	0	0	0	0
12/24/2023 18:28	27101 GFLD_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/24/2023 18:28	43401 BENT_T1	0	1	1	0	0.5	0.5	0	0	0	0	0	0	0	0
12/24/2023 18:28	29402 BELT_T1	2	1	-1	3.35	6.6	3.25	0	0	0	0	0	0	0	0
12/24/2023 18:29	46803 HEPB_T2	1	0	-1	0.9	0	-0.9	0.22	0.23	0	0	0	0	0	0
12/24/2023 18:29	45501 DERR_T2	0	5	5	0	0	0	-0.84	-0.85	2	2	0	1800	1800	0
12/24/2023 18:29	11104 EGYP_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/24/2023 18:30	42903 MIDD_T2	2	2	0	0.8	0.9	0.1	-1.64	-1.62	1	1	0	1200	1200	0
12/24/2023 18:30	14403 SSLA_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/24/2023 18:31	28805 LAKE_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/24/2023 18:31	47001 HUGH_T2	1	19	18	1.1	0	-1.1	-0.77	-0.79	0	0	0	0	0	0
12/24/2023 18:31	45501 DERR_T2	0	6	6	0	0	0	-0.84	-0.85	2	2	0	1800	1800	0
12/24/2023 18:32	29402 BELT_T1	1	1	0	6.2	6.7	0.5	0	0	0	0	0	0	0	0
12/24/2023 18:32	43001 ALWD_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/24/2023 18:32	48303 ORWI_T2	1	6	5	0.8	0	-0.8	0	0	0	0	0	0	0	0
12/24/2023 18:32	42201 SHEN_T2	0	0	0	0	0	0	0.3	0.29	0	0	0	0	0	0
12/24/2023 18:32	27502 WEIS_T2	0	0	0	0	0	0	-0.57	-0.59	0	0	0	0	0	0
12/24/2023 18:32	63203 MGTN_T1	0	0	0	0	0	0	-0.29	-0.28	1	1	0	600	600	0
12/24/2023 18:33	46801 HEPB_T2	0	1	1	0	0	0	0.55	0.56	0	0	0	0	0	0
12/24/2023 18:33	42701 AUGU_T1	0	0	0	0	0	0	0	0	1	1	0	600	600	0
12/24/2023 18:34	43402 BENT_T1	0	0	0	0	0	0	-0.93	-0.93	1	1	0	900	900	0
12/24/2023 18:34	13503 MCMI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/24/2023 18:34	29402 BELT_T1	1	1	0	6.2	6.7	0.5	0	0	0	0	0	0	0	0
12/24/2023 18:34	42802 SELI_T1	0	0	0	0	0	0	-2.33	-2.35	1	1	0	900	900	0
12/24/2023 18:35	16402 MOPO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/24/2023 18:35	67503 WEWI_T2	0	1	1	0	0	0	-0.34	-0.35	0	0	0	0	0	0
12/24/2023 18:35	67502 WEWI_T2	0	1	1	0.4	0	-0.4	-1.42	-1.5	1	1	0	900	900	0
12/24/2023 18:35	52102 MEIS_T1	6	0	-6	1.88	0	-1.88	0	0	0	0	0	0	0	0
12/24/2023 18:35	43201 MVIL_T2	1	0	-1	4.4	0	-4.4	-1.3	-1.31	0	0	0	0	0	0
12/24/2023 18:36	49804 UNIV_T1	0	3	3	0	0	0	0	0	0	0	0	0	0	0
12/24/2023 18:36	42701 AUGU_T1	0	0	0	0	0	0	0	0	1	1	0	600	600	0
12/24/2023 18:36	43401 BENT_T1	1	1	0	0.6	0	-0.6	0	0	0	0	0	0	0	0
12/24/2023 18:36	40502 CRES_T2	21	33	12	1.01	0.4	-0.61	-1.77	-1.79	0	0	0	0	0	0
12/24/2023 18:36	45702 LIND_T2	0	0	0	0	0	0	-0.5	-0.53	0	0	0	0	0	0
12/24/2023 18:36	44601 SALE_T2	1	2	1	1.3	0	-1.3	-0.19	-0.25	0	0	0	0	0	0
12/24/2023 18:36	14403 SSLA_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/24/2023 18:37	67503 WEWI_T2	0	1	1	0	0	0	0	0	0	0	0	0	0	0
12/24/2023 18:37	64201 KINZ_T1	371	391	20	1.01	0.96	-0.05	-1.75	-1.88	6	4	-2	3000	2400	-600
12/24/2023 18:37	43201 MVIL_T2	1	0	-1	4.4	0	-4.4	0	0	0	0	0	0	0	0
12/24/2023 18:38	64204 KINZ_T1	1	1	0	1.3	1.3	0	0	0	0	0	0	0	0	0
12/24/2023 18:38	60201 ATGL_T2	0	0	0	0	0	0	0.09	0.18	0	0	0	0	0	0
12/24/2023 18:38	40501 CRES_T2	7	9	2	0.29	0.31	0.02	0	0	0	0	0	0	0	0
12/24/2023 18:38	13503 MCMI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/24/2023 18:38	40101 HUNT_T2	4	3	-1	0.4	0	-0.4	-0.57	-0.58	0	0	0	0	0	0
12/24/2023 18:39	67502 WEWI_T2	1	1	0	0.4	0	-0.4	-1.5	-1.47	1	1	0	900	900	0
12/24/2023 18:40	40502 CRES_T2	21	33	12	1.01	0.4	-0.61	-4.47	-4.44	0	0	0	0	0	0
12/24/2023 18:40	45501 DERR_T2	0	6	6	0	0	0	-0.85	-0.83	2	2	0	1800	1800	0
12/24/2023 18:40	48302 ORWI_T2	6	8	2	1.43	1.07	-0.36	-0.62	-0.63	0	0	0	0	0	0
12/24/2023 18:40	43001 ALWD_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/24/2023 18:40	57401 SPAN_T1	0	3	3	0	0	0	-1.69	-1.92	2	2	0	1200	1200	0
12/24/2023 18:40	66504 SMAN_T2	0	0	0	0	0	0	-3.98	-3.72	2	2	0	2400	2400	0
12/24/2023 18:40	67103 SPRI_T1	0	0	0	0	0	0	-0.22	-0.23	0	0	0	0	0	0
12/24/2023 18:41	43402 BENT_T1	0	0	0	0	0	0	-0.93	-0.92	1	1	0	900	900	0
12/24/2023 18:41	65901 SAKR_T2	1	1	0	9	9	0	-1.49	-1.52	1	1	0	900	900	0
12/24/2023 18:41	43201 MVIL_T2	1	0	-1	4.4	0	-4.4	0	0	0	0	0	0	0	0
12/24/2023 18:41	42902 MIDD_T2	0	0	0	0	0	0	-1.34	-1.32	1	1	0	600	600	0
12/24/2023 18:41	42802 SELI_T1	0	0	0	0	0	0	-2.35	-2.35	1	1	0	900	900	0
12/24/2023 18:41	13503 MCMI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/24/2023 18:41	46801 HEPB_T2	0	1	1	0	0	0	0.56	0.57	0	0	0	0	0	0
12/24/2023 18:42	65001 NEFF_T2	0	0	0	0	0	0	-2.8	-2.84	2	2	0	2400	2400	0
12/24/2023 18:42	40502 CRES_T2	21	33	12	1.01	0.4	-0.61	-3.58	-3.55	0	0	0	0	0	0
12/24/2023 18:42	57401 SPAN_T1	0	3	3	0	0	0	-0.85	-0.96	1	1	0	600	600	0
12/24/2023 18:42	60803 BUCK_T1	0	0	0	0	0	0	-0.87	-0.86	1	1	0	600	600	0
12/24/2023 18:42	67503 WEWI_T2	0	1	1	0	0	0	0	0	0	0	0	0	0	0
12/24/2023 18:43	14403 SSLA_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/24/2023 18:43	53903 HALI_T2	2	2	0	0.5	0.8	0.3	-0.24	-0.24	0	0	0	0	0	0
12/24/2023 18:44	64202 KINZ_T1	1	1	0	0.2	0.3	0.1	0	0	0	0	0	0	0	0
12/24/2023 18:44	40501 CRES_T2	7	9	2	0.29	0.31	0.02	0	0	0	0	0	0	0	0
12/24/2023 18:44	11104 EGYP_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/24/2023 18:44	56801 BENV_T1	9	10	1	0.48	0.76	0.28	-0.71	-0.68	1	1	0	600	600	0
12/24/2023 18:44	40101 HUNT_T2	4	3	-1	0.4	0	-0.4	-0.57	-0.58	0	0	0	0	0	0
12/24/2023 18:44	57401 SPAN_T1	0	3	3	0	0	0	-0.85	-0.96	1	1	0	600	600	0
12/24/2023 18:44	41801 GOCI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/24/2023 18:44	64101 REFR_T1	0	0	0	0	0	0	-0.1	-0.1	0	0	0	0	0	0
12/24/2023 18:44	63201 MGTN_T2	1	1	0	0.2	0.2	0	-0.08	-0.14	1	1	0	600	600	0
12/24/2023 18:44	42701 AUGU_T1	0	0	0	0	0	0	0	0	1	1	0	600	600	0
12/24/2023 18:45	67503 WEWI_T2	0	1	1	0	0	0	0	0	0	0	0	0	0	0
12/24/2023 18:45	45402 WILO_T2	1	1	0	2	0	-2	-0.74	-0.76	0	0	0	0	0	0
12/24/2023 18:45	56801 BENV_T1	8	15	7	0.68	0.76	0.08	-0.71	-0.68	1	1	0	600	600	0
12/24/2023 18:45	60201 ATGL_T2	0	0	0	0	0	0	0.18	0.13	0	0	0	0	0	0
12/24/2023 18:45	61301 EARL_T1	0	0	0	0	0	0	-0.5	-0.51	1	1	0	900	900	0
12/24/2023 18:45	60101 COCA_T1	0	0	0	0	0	0	0.23	0.25	0	0	0	0	0	0
12/24/2023 18:46	64101 REFR_T1	0	0	0	0	0	0	-0.1	-0.1	0	0	0	0	0	0
12/24/2023 18:46	41902 REED_T1	4	3	-1	0.15	0	-0.15	0.85	0.88	0	0	0	0	0	0
12/24/2023 18:46	47901 HRDG_T1	0	0	0	0	0	0	1.27	1.28	0	0	0	0	0	0
12/24/2023 18:46	40901 JESH_T1	2	1	-1	1.45	0.2	-1.25	0	0	0	0	0	0	0	0
12/24/2023 18:46	40502 CRES_T2	20	37	17	0.51	0.4	-0.11	-6.26	-6.22	0	0	0	0	0	0
12/24/2023 18:46	56802 BENV_T2	0	1	1	0	0.1	0.1	-1.42

Appendix C - Grid Benefits Achieved in Each Instance of Active Management

12/24/2023 18:52	42903 MIDD_T2	2	2	0	0.7	0.9	0.2	-1.62	-1.64	1	1	0	1200	1200	0
12/24/2023 18:52	55002 NEWP_T1	6	6	0	0.62	0.78	0.16	-0.26	-0.26	0	0	0	0	0	0
12/24/2023 18:52	58401 MORO_T1	1	0	-1	3.5	0	-3.5	0	0	0	0	0	0	0	0
12/24/2023 18:52	59101 WALK_T2	1	1	0	0	0	0	-0.6	-0.62	0	0	0	0	0	0
12/24/2023 18:52	67605 WARW_T1	0	0	0	0	0	0	-1.21	-1.2	0	0	0	0	0	0
12/24/2023 18:53	52404 GRPA_T2	0	0	0	0	0	0	-0.14	-0.16	0	0	0	0	0	0
12/24/2023 18:53	64101 REFR_T1	0	0	0	0	0	0	-0.1	-0.1	0	0	0	0	0	0
12/24/2023 18:53	59101 WALK_T2	1	1	0	0	0	0	-0.6	-0.62	0	0	0	0	0	0
12/24/2023 18:53	56501 ROCK_T2	3	44	41	1.87	0.15	-1.72	-1.6	-1.59	0	0	0	0	0	0
12/24/2023 18:53	56802 BENV_T2	0	1	1	0	0.1	0.1	-2.84	-2.88	0	0	0	0	0	0
12/24/2023 18:54	52102 MEIS_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/24/2023 18:54	67401 WAKE_T2	0	0	0	0	0	0	-0.98	-0.98	0	0	0	0	0	0
12/24/2023 18:54	59101 WALK_T2	1	1	0	0	0	0	-1.24	-1.29	0	0	0	0	0	0
12/24/2023 18:54	59002 MIFF_T1	0	5	5	0	0.22	0.22	0	0	0	0	0	0	0	0
12/24/2023 18:54	52402 GRPA_T2	1	4	3	3.1	1.1	-2	0	0	0	0	0	0	0	0
12/24/2023 18:55	52402 GRPA_T2	1	4	3	3.1	1.1	-2	-1	-1.02	0	0	0	0	0	0
12/24/2023 18:55	60602 NCOL_T2	0	5	5	0	0	0	0	0	0	0	0	0	0	0
12/24/2023 18:55	56802 BENV_T2	0	1	1	0	0.1	0.1	-1.44	-1.46	0	0	0	0	0	0
12/24/2023 18:55	57401 SPAN_T1	1	3	2	5	0	-5	-0.96	-1.01	1	1	0	600	600	0
12/24/2023 18:55	66703 STRA_T1	6	6	0	0.28	0.37	0.09	-0.38	-0.36	0	0	0	0	0	0
12/24/2023 18:55	64101 REFR_T1	0	0	0	0	0	0	-0.1	-0.12	0	0	0	0	0	0
12/24/2023 18:55	42801 SELI_T1	1	0	-1	0	0	0	0	0	0	0	0	0	0	0
12/24/2023 18:55	52102 MEIS_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/24/2023 18:55	51604 DUKE_T2	0	5	5	0	0.15	0.15	-1.68	-1.68	1	1	0	900	900	0
12/24/2023 18:56	54001 SDLE_T1	1	4	3	1	0.53	-0.47	0	0	1	1	0	600	600	0
12/24/2023 18:56	56801 BENV_T1	8	15	7	0.68	0.76	0.08	-0.68	-0.68	1	1	0	600	600	0
12/24/2023 18:56	57401 SPAN_T1	1	3	2	5	0	-5	-0.96	-1.01	1	1	0	600	600	0
12/24/2023 18:56	56501 ROCK_T2	3	44	41	1.87	0.15	-1.72	-4.76	-4.79	0	0	0	0	0	0
12/24/2023 18:56	59101 WALK_T2	1	1	0	0	0	0	-0.62	-0.64	0	0	0	0	0	0
12/24/2023 18:57	53903 HALI_T2	2	2	0	0.6	0.8	0.2	-0.24	-0.24	0	0	0	0	0	0
12/24/2023 18:57	59001 MIFF_T1	8	14	6	0.11	0.21	0.1	0	0	0	0	0	0	0	0
12/24/2023 18:57	56801 BENV_T1	8	15	7	0.68	0.76	0.08	-1.36	-1.36	2	2	0	1200	1200	0
12/24/2023 18:57	59101 WALK_T2	1	1	0	0	0	0	-0.62	-0.64	0	0	0	0	0	0
12/24/2023 18:57	51102 CARL_T1	7	38	31	0.16	0.16	0	0	0	0	0	0	0	0	0
12/24/2023 18:57	55002 NEWP_T1	6	6	0	0.62	0.78	0.16	-0.26	-0.26	0	0	0	0	0	0
12/24/2023 18:57	59101 WALK_T2	1	1	0	0	0	0	-0.62	-0.64	0	0	0	0	0	0
12/24/2023 18:57	64101 REFR_T1	0	0	0	0	0	0	-0.1	-0.12	0	0	0	0	0	0
12/24/2023 18:58	59002 MIFF_T1	0	5	5	0	0.22	0.22	0	0	0	0	0	0	0	0
12/24/2023 18:58	52402 GRPA_T2	1	4	3	3.1	1.1	-2	0	0	0	0	0	0	0	0
12/24/2023 18:58	54001 SDLE_T1	1	4	3	1	0.53	-0.47	0	0	1	1	0	600	600	0
12/24/2023 18:58	53903 HALI_T2	2	2	0	0.6	0.8	0.2	-0.24	-0.24	0	0	0	0	0	0
12/24/2023 18:58	55101 WERT_T1	0	0	0	0	0	0	-1.54	-1.53	2	2	0	1500	1500	0
12/24/2023 18:59	58402 MORO_T1	1	1	0	0	0	0	-0.84	-0.93	4	4	0	3000	3000	0
12/24/2023 18:59	56801 BENV_T1	8	15	7	0.68	0.76	0.08	-2.04	-2.04	3	3	0	1800	1800	0
12/24/2023 18:59	55101 WERT_T1	0	0	0	0	0	0	-1.54	-1.53	2	2	0	1500	1500	0
12/24/2023 18:59	55002 NEWP_T1	6	6	0	0.62	0.78	0.16	-0.26	-0.26	0	0	0	0	0	0
12/24/2023 19:00	55105 WERT_T1	0	0	0	0	0	0	-0.55	-0.55	1	1	0	900	900	0
12/24/2023 19:00	56801 BENV_T1	10	16	6	0.63	0.75	0.12	-0.68	-0.68	1	1	0	600	600	0
12/24/2023 19:01	56801 BENV_T1	10	16	6	0.63	0.75	0.12	-0.68	-0.68	1	1	0	600	600	0
12/24/2023 19:01	52402 GRPA_T2	1	5	4	3.1	1.1	-2	-1	-1.02	0	0	0	0	0	0
12/24/2023 19:01	54001 SDLE_T1	3	4	1	0.53	0.75	0.22	0	0	1	1	0	600	600	0
12/24/2023 19:01	52402 GRPA_T2	1	5	4	3.1	1.1	-2	-1	-1.02	0	0	0	0	0	0
12/24/2023 19:01	56501 ROCK_T2	13	68	55	0.12	0.15	0.03	-3.17	-3.2	0	0	0	0	0	0
12/24/2023 19:02	52402 GRPA_T2	1	5	4	3.1	1.1	-2	0	0	0	0	0	0	0	0
12/24/2023 19:02	60201 ATGL_T2	0	0	0	0	0	0	0.13	0.22	0	0	0	0	0	0
12/24/2023 19:08	16603 PONO_T2	0	0	0	0	0	0	-0.23	-0.18	1	1	0	1200	1200	0
12/24/2023 19:09	16603 PONO_T2	0	0	0	0	0	0	-0.18	-0.18	1	1	0	1200	1200	0
12/24/2023 19:28	16603 PONO_T2	0	0	0	0	0	0	-0.18	-0.24	1	1	0	1200	1200	0
12/24/2023 19:29	16603 PONO_T2	0	0	0	0	0	0	-0.18	-0.24	1	1	0	1200	1200	0
12/24/2023 19:40	65001 NEFF_T2	0	0	0	0	0	0	-1.46	-1.41	1	1	0	1200	1200	0
12/24/2023 19:48	16603 PONO_T2	0	0	0	0	0	0	-0.24	-0.29	1	1	0	1200	1200	0
12/24/2023 19:49	16603 PONO_T2	0	0	0	0	0	0	-0.24	-0.29	1	1	0	1200	1200	0
12/24/2023 19:53	64101 REFR_T1	0	0	0	0	0	0	-0.11	-0.12	0	0	0	0	0	0
12/24/2023 20:08	16603 PONO_T2	0	0	0	0	0	0	-0.29	-0.27	1	1	0	1200	1200	0
12/24/2023 20:09	16603 PONO_T2	0	0	0	0	0	0	-0.27	-0.3	1	1	0	1200	1200	0
12/24/2023 20:28	16603 PONO_T2	0	0	0	0	0	0	-0.3	-0.2	1	1	0	1200	1200	0
12/24/2023 20:29	16603 PONO_T2	0	0	0	0	0	0	-0.3	-0.2	1	1	0	1200	1200	0
12/24/2023 20:43	65001 NEFF_T2	0	0	0	0	0	0	-1.4	-1.44	1	1	0	1200	1200	0
12/24/2023 20:48	16603 PONO_T2	0	0	0	0	0	0	-0.2	-0.19	1	1	0	1200	1200	0
12/24/2023 20:49	16603 PONO_T2	0	0	0	0	0	0	-0.2	-0.19	1	1	0	1200	1200	0
12/24/2023 21:08	16603 PONO_T2	0	0	0	0	0	0	-0.19	-0.23	1	1	0	1200	1200	0
12/24/2023 21:09	16603 PONO_T2	0	0	0	0	0	0	-0.23	-0.21	1	1	0	1200	1200	0
12/24/2023 21:28	16603 PONO_T2	0	0	0	0	0	0	-0.21	-0.22	1	1	0	1200	1200	0
12/24/2023 21:29	16603 PONO_T2	0	0	0	0	0	0	-0.21	-0.22	1	1	0	1200	1200	0
12/24/2023 21:30	65001 NEFF_T2	4	8	4	0.1	0.14	0.04	-1.44	-1.45	1	1	0	1200	1200	0
12/24/2023 21:40	65001 NEFF_T2	4	8	4	0.1	0.14	0.04	-1.45	-1.48	1	1	0	1200	1200	0
12/24/2023 21:48	16602 PONO_T2	0	1	1	0	0	0	0	0	0	0	0	0	0	0
12/24/2023 21:49	16603 PONO_T2	0	0	0	0	0	0	-0.22	-0.22	1	1	0	1200	1200	0
12/24/2023 22:08	16602 PONO_T2	1	0	-1	0.7	0	-0.7	0	0	0	0	0	0	0	0
12/24/2023 22:09	16602 PONO_T2	1	0	-1	0.7	0	-0.7	0	0	0	0	0	0	0	0
12/24/2023 22:28	16603 PONO_T2	0	0	0	0	0	0	-0.2	-0.2	1	1	0	1200	1200	0
12/24/2023 22:29	16603 PONO_T2	0	0	0	0	0	0	-0.2	-0.2	1	1	0	1200	1200	0
12/24/2023 22:43	65001 NEFF_T2	0	11	11	0	0.14	0.14	-1.47	-1.52	1	1	0	1200	1200	0
12/24/2023 22:48	16603 PONO_T2	0	0	0	0	0	0	-0.2	-0.25	1	1	0	1200	1200	0
12/24/2023 22:49	16603 PONO_T2	0	0	0	0	0	0	-0.2	-0.25	1	1	0	1200	1200	0
12/24/2023 22:59	65001 NEFF_T2	10	42	32	0.14	0.13	-0.01	-1.52	-1.53	1	1	0	1200	1200	0
12/24/2023 23:08	16603 PONO_T2	0	0	0	0	0	0	-0.25	-0.23	1	1	0	1200	1200	0
12/24/2023 23:09	16603 PONO_T2	0	0	0	0	0	0	-0.23	-0.26	1	1	0	1200	1200	0
12/24/2023 23:28	16603 PONO_T2	0	0	0	0	0	0	-0.26	-0.2	1	1	0	1200	1200	0
12/24/2023 23:29	16603 PONO_T2	0	0	0	0	0	0	-0.26	-0.2	1	1	0	1200	1200	0
12/24/2023 23:31	65001 NEFF_T2	156	228	72	0.16	0.25	0.09	-1.53	-1.55	1	1	0	1200	1200	0
12/24/2023 23:57	65001 NEFF_T2	182	230	48	0.18	0.26	0.08	-1.55	-1.58	1	1	0	1200	1200	0
12/25/2023 0:08	16603 PONO_T2	0	0	0	0	0	0	-0.25	-0.25	1	1	0	1200	1200	0
12/25/2023 0:09	16603 PONO_T2	0	0	0	0	0	0	-0.25	-0.23	1	1	0	1200	1200	0
12/25/2023 0:28	16603 PONO_T2	0	0	0	0	0	0	-0.23	-0.26	1	1	0	1200	1200	0
12/25/2023 0:29	16603 PONO_T2	0	0	0	0	0	0	-0.23	-0.26	1	1	0	1200	1200	0
12/25/2023 0:55	65001 NEFF_T2	243	237	-6	0.37	0.35	-0.02	-1.5	-1.58	1	1	0	1200	1200	0
12/25/2023 2:50	65001 NEFF_T2	174	218	44	0.16	0.19	0.03	-1.59	-1.55	1	1	0	1200	1200	0
12/25/2023 3:01	65001 NEFF_T2	211	214	3	0.19	0.18	-0.01	-1.55	-1.59	1	1	0	1200	1200	0
12/25/2023 3:48	65001 NEFF_T2	78	70	-8	0.13	0.13	0	-1.52	-1.57	1	1	0	1200	1200	0
12/25/2023 4:25	65001 NEFF_T2	22	29	7	0.15	0.14	-0.01	-1.61	-1.51	1	1	0	1200	1200	0
12/25/2023 4:51	65001 NEFF_T2	7	4	-3	0.13	0.13	0	-1.51	-1.51	1	1	0	1200	1200	0
12/25/2023 5:12	65001 NEFF_T2	4	2	-2	0.13	0.1	-0.03	-1.55	-1.56	1	1	0	1200	1200	0
12/25/2023 5:59	65001 NEFF_T2	0	0	0	0	0	0	-1.53	-1.51	1	1	0	1200	1200	0
12/25/2023 7:24	65001 NEFF_T2	30	10	-20	0.13	0.14	0.01	-1.48	-1.44	1	1	0	1200	1200	0
12/25/2023 7:54	43402 BENT_T1	0	1	1	0	0	0	-0.93	-0.89	1	1	0	900	900	0
12/25/2023 7:55	43402 BENT_T1	0	1	1	0	0	0	-0.93	-0.89	1	1	0	900	900	0
12/25/2023 8:00	52102 MEIS_T1	1	0	-1	1.8	0	-1.8	0	0	0	0	0	0	0	0
12/25/2023 8:04	59102 WALK_T2	13	65	52	0.18	0.22	0.04	0.3	0.29	0	0	0	0	0	0
12/25/2023 8:05	65001 NEFF_T2	4	4	0	0.18	0.18	0	-1.45	-1.44	1	1	0	1200	1200	0
12/25/2023 8:07	43402 BENT_T1	1	0	-1	1.1	0	-1.1	-0.93	-0.89	1	1	0	900	900	0
12/25/2023 8:18	52102 MEIS_T1	0	1	1	0	0	0	0	0	0	0	0	0	0	0
12/25/2023 8:33	55002 NEWP_T1	5	6	1	0.32	0.5	0.18	-0.22	-0.22	0	0	0	0	0	0
12/25/2023 8:34	67103 SPRI_T1	0	0	0	0	0	0	0.38	0.38	0	0	0	0	0	0
12/25/2023 8:38	43001 ALWD_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/25/2023 8:39	67103 SPRI_T1	0	0	0	0	0	0	0.38	0.37	0	0	0	0	0	0
12/25/2023 8:40	49804 UNIV_T1	44	86	42	1.58	0.6	-0.98	0	0	0	0	0	0	0	0
12/25/2023 8:56	40502 CRES_T2	66	73	7	1.95	0.46	-1.49	-0.23	-0.22	0	0	0	0	0	0
12/25/2023 8:58	65004 NEFF_T2	1	2	1	1.7	0	-1.7	0	0	0	0	0	0	0	0
12/25/2023 9:00	58402 MORO_T1	0	0	0	0	0	0	-0.44	-0.38	2	2	0	1500	1500	0
12/25/2023 9:00	57401 SPAN_T1	1	11	10	4	0	-4	0	0	0	0	0	0	0	0
12/25/2023 9:00	67502 WEWI_T2	12	27	15	0.16	0.13	-0.03	0	0	0	0	0	0	0	0
12/25/2023 9:00	46003 BERW_T2	3	1	-2	2.17	3	0.83	0	0	0	0	0	0	0	0
12/25/2023 9:00	59101 WALK_T2	3	3	0	0.15	0.2	0.05	-0.65	-0.68	0	0	0	0	0	0
12/25/2023 9:00	23401 HONE_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/25/2023 9:00	43001 ALWD_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/25/2023 9:00	43304 WATS_T2	4	10	6	1.98	0	-1.98	0.46	0.47	0	0	0	0	0	0
12/25/2023 9:00	16101 BING_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/25/2023 9:00	53903 HALI_T2	2	2	0	0.9	1.15	0.25	-0.24	-0.25	0	0	0	0	0	0
12/25/2023 9:00	13302 ORVI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/25/2023 9:02	13302 ORVI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/25/2023 9:04	52102 MEIS_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/25/2023 9:06	12505 MITR_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/25/2023 9:07	67502 WEWI_T2	12	27	15	0.16	0.13	-0.03	0	0	0	0	0	0	0	0
12/25/2023 9:08	41903 REED_T1	73	188	115	2.7	0	-2.7	0	0	0	0	0	0	0	0
12/25/2023 9:08	59101 WALK_T2	3	3	0	0.15	0.2	0.05	0	0	0	0	0	0	0	0
12/25/2023 9:08	27502 WEIS_T2	6	0	-6	1.03	0	-1.03	-0.58	-0.58	0	0	0	0	0	0
12/25/2023 9:09	43001 ALWD_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/25/2023 9:10	40502 CRES_T2	43	99	56	2.04	0.48	-1.56	-0.22	-0.24	0	0	0	0	0	0
12/25/2023 9:12	40502 CRES_T2	43	99	56	2.04	0.48	-1.56	-0.43	-0.49	0	0	0	0	0	0
12/25/2023 9:15	13503 MCMI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/25/2023 9:15	52102 MEIS_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/25/2023 9:16	40101 HUNT_T2	7	60	53	2.83	1.18	-1.65	-0.58	-0.58	0	0	0	0	0	0
12/25/2023 9:19	59202 THOM_T1	255	333	78	0.37	0.47	0.1	0	0	0	0	0	0	0	0
12/25/2023 9:19	52102 MEIS_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/25/2023 9:21	55001 NEWP_T1	1	0	-1	0.2	0	-0.2	0	0	0	0	0	0	0	0
12/25/2023 9:22	67104 SPRI_T1	0	1	1	0	0	0	0	0	0	0	0	0	0	0
12/25/2023 9:23	67104 SPRI_T1	0	1	1	0	0	0	0	0	0	0	0	0	0	0
12/25/2023 9:23	59201 THOM_T1	20	24	4	0.61	0.63	0.02	0	0	0	0	0	0	0	0
12/25/2023 9:23	43402 BENT_T1	0	0	0	0	0	0	-0.92	-0.93	1	1	0	900	900	0
12/25/2023 9:24	40504 CRES_T1	4	48	44	0.8	1.7	0.9	0	0	0	0	0	0	0	0
12/25/2023 9:24	43402 BENT_T1	0	0	0	0	0	0	-0.92	-0.93	1	1	0	900	900	0
12/25/2023 9:24	42201 SHEN_T2	0	0	0	0	0	0	0.41	0.39	0	0	0	0	0	0
12/25/2023 9:24	56802 BENV_T2	4	4	0	0.28	0.38	0.1	-1.38	-1.42	0	0	0	0	0	0
12/25/2023 9:25	43402 BENT_T1	0	0	0	0	0	0	-0.92	-0.93	1	1	0	900	900	0
12/25/2023 9:26	40503 CRES_T1	12	69	57	2.51	0	-2.51	0	0	0	0	0	0	0	0
12/25/2023 9:28	40505 CRES_T1	29	97	68	1.27	0	-1.27	0.45	0.45	0	0	0	0	0	0
12/25/2023 9:28	52402 GRPA_T2	4	4	0	0.83	1.03	0.2	-1.4	-1.42	0	0	0	0	0	0
12/25/2023 9:32	52402 GRPA_T2	2	4	2	1.25	1.03	-0.22	0	0	0	0	0	0	0	0
12/25/2023 9:32	40503 CRES_T1	41	56	15	2.07	0	-2.07	0.45	0.45	0	0	0	0	0	0
12/25/2023 9:32	41801 GOCI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/25/2023 9:34	56501 ROCK_T2	1	1	0	1.9	0.1	-1.8	-0.96	-0.98	0	0	0	0	0	0
12/25/2023 9:34	41801 GOCI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/25/2023 9:37	56802 BENV_T2	4	4	0	0.3	0.38	0.08	-1.38	-1.42	0	0	0	0	0	0
12/25/2023 9:38	42201 SHEN_T2	0	0	0	0	0	0	0.39	0.38	0	0	0	0	0	0
12/25/2023 9:39	53601 DALM_T2	0	0	0	0	0	0	-0.13	-0.17	0	0	0	0	0	0
12/25/2023 9:40	54505 ENOL_T2	1	1	0	1	1	0	0	0	0	0	0	0	0	0
12/25/2023 9:40	56802 BENV_T2	4	4	0	0.3	0.38	0.08	-1.42	-1.42	0	0	0	0	0	0
12/25/2023 9:41	54502 ENOL_T2	1	1	0	0.4	0.4	0	-1.98	-2.02	1	1	0	600	600	0
12/25/2023 9:41	56802 BENV_T2	4	4	0	0.3	0.38	0.08	-2.85	-2.85	0	0	0	0	0	0
12/25/2023 9:43	53903 HALI_T2	2	2	0	0.9	1.1	0.2	-0.24	-0.25	0	0	0	0	0	0
12/25/2023 9:44	54502 ENOL_T2	1	1	0	0.4	0.4	0	-1.98	-2.02	1	1	0	600	600	0
12/25/2023 9:44	53903 HALI_T2	2	2	0	0.9	1.1	0.2	-0.24	-0.25	0	0	0	0	0	0
12/25/2023 9:45	13503 MCMI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/25/2023 9:46	52403 GRPA_T2	7	6	-1	0.21	0.27	0.06	-0.06	-0.05	0	0	0	0	0	0
12/25/2023 9:47	64204 KINZ_T1	1	1	0	0.1	0.9	0.8	0	0	0	0	0	0	0	0
12/25/2023 9:48	41902 REED_T1	24	3	-21	3.9	0	-3.9	0.94	0.94	0	0	0	0	0	0
12/25/2023 9:48	13302 ORVI_T2	0	0	0	0	0	0	0	0	0	0	0	0

12/25/2023 10:07	58001 WCAR_T1	4	4	0	0.7	1.5	0.8	0	0	0	0	0	0	0	0
12/25/2023 10:08	42701 AUGU_T1	1	0	-1	0.2	0	-0.2	0	0	1	1	0	600	600	0
12/25/2023 10:08	67605 WARW_T1	0	1	1	0	0.2	0.2	-1.09	-1.28	0	0	0	0	0	0
12/25/2023 10:08	56802 BENV_T2	4	9	5	0.3	0.23	-0.07	-1.42	-1.42	0	0	0	0	0	0
12/25/2023 10:09	56802 BENV_T2	4	9	5	0.3	0.23	-0.07	-1.42	-1.4	0	0	0	0	0	0
12/25/2023 10:12	56802 BENV_T2	4	9	5	0.3	0.23	-0.07	-1.42	-1.4	0	0	0	0	0	0
12/25/2023 10:12	40101 HUNT_T2	7	15	8	0.23	0.23	0	-0.57	-0.58	0	0	0	0	0	0
12/25/2023 10:12	27502 WEIS_T2	0	0	0	0	0	0	-0.54	-0.53	0	0	0	0	0	0
12/25/2023 10:13	53903 HALI_T2	2	2	0	1.1	1.4	0.3	-0.23	-0.22	0	0	0	0	0	0
12/25/2023 10:14	52402 GRPA_T2	4	4	0	0.88	0.95	0.07	0	0	0	0	0	0	0	0
12/25/2023 10:15	12701 MACU_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/25/2023 10:16	57304 MOAI_T2	0	0	0	0	0	0	-0.27	-0.46	0	0	0	0	0	0
12/25/2023 10:16	40101 HUNT_T2	13	14	1	0.25	0.7	0.45	-0.57	-0.58	0	0	0	0	0	0
12/25/2023 10:16	53903 HALI_T2	2	2	0	1.2	1.45	0.25	-0.23	-0.22	0	0	0	0	0	0
12/25/2023 10:17	43201 MVIL_T2	0	0	0	0	0	0	-1.31	-1.33	0	0	0	0	0	0
12/25/2023 10:17	54204 PENN_T2	3	3	0	0.3	0.37	0.07	0	0	0	0	0	0	0	0
12/25/2023 10:17	65001 NEFF_T2	13	76	63	0.13	0.14	0.01	-2.9	-2.88	2	2	0	2400	2400	0
12/25/2023 10:18	41901 REID_T1	10	11	1	1.05	1.19	0.14	0	0	0	0	0	0	0	0
12/25/2023 10:18	54206 PENN_T2	5	6	1	0.24	0.25	0.01	0	0	0	0	0	0	0	0
12/25/2023 10:18	12701 MACU_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/25/2023 10:20	59402 RFLD_T2	0	0	0	0	0	0	-0.83	-0.81	1	1	0	450	450	0
12/25/2023 10:20	24803 VALM_T1	6	0	-6	0.12	0	-0.12	0	0	0	0	0	0	0	0
12/25/2023 10:21	54204 PENN_T2	3	3	0	0.3	0.37	0.07	0	0	0	0	0	0	0	0
12/25/2023 10:21	65901 SAKR_T2	1	1	0	9.1	9.3	0.2	0	0	0	0	0	0	0	0
12/25/2023 10:21	13302 ORVI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/25/2023 10:22	66901 SHIL_T2	78	180	102	0.17	0.23	0.06	-1.8	-1.78	1	1	0	1200	1200	0
12/25/2023 10:22	27502 WEIS_T2	0	0	0	0	0	0	-0.54	-0.53	0	0	0	0	0	0
12/25/2023 10:22	48302 ORWI_T2	3	3	0	0.73	0.77	0.04	0.06	0.07	0	0	0	0	0	0
12/25/2023 10:23	60201 ATGL_T2	0	0	0	0	0	0	0.2	0.13	0	0	0	0	0	0
12/25/2023 10:24	56501 ROCK_T2	0	1	1	0	0.2	0.2	-0.97	-0.91	0	0	0	0	0	0
12/25/2023 10:26	27502 WEIS_T2	0	0	0	0	0	0	-0.53	-0.54	0	0	0	0	0	0
12/25/2023 10:27	62607 ENGL_T1	0	0	0	0	0	0	-1.09	-1.1	1	1	0	300	300	0
12/25/2023 10:27	54502 ENOL_T2	1	1	0	0.1	0.3	0.2	0	0	0	0	0	0	0	0
12/25/2023 10:27	67605 WARW_T1	0	3	3	0	0.23	0.23	-1.3	-1.29	0	0	0	0	0	0
12/25/2023 10:28	29402 BELT_T1	1	2	1	6.3	6.3	0	0	0	0	0	0	0	0	0
12/25/2023 10:28	67605 WARW_T1	0	3	3	0	0.23	0.23	-1.3	-1.29	0	0	0	0	0	0
12/25/2023 10:29	64201 KINZ_T1	336	344	8	0.72	0.76	0.04	0.09	0.12	2	2	0	600	600	0
12/25/2023 10:31	13302 ORVI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/25/2023 10:32	13302 ORVI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/25/2023 10:33	64204 KINZ_T1	1	1	0	0.9	0.9	0	0	0	0	0	0	0	0	0
12/25/2023 10:34	67002 STHI_T2	47	52	5	0.17	0.15	-0.02	0.64	0.61	0	0	0	0	0	0
12/25/2023 10:34	14403 SSLA_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/25/2023 10:34	65804 RTWN_T1	0	0	0	0	0	0	-0.26	-0.26	1	1	0	600	600	0
12/25/2023 10:35	67001 STHI_T2	348	383	35	0.2	0.2	0	0	0	0	0	0	0	0	0
12/25/2023 10:35	59202 THOM_T1	261	272	11	0.35	0.36	0.01	0	0	0	0	0	0	0	0
12/25/2023 10:35	13302 ORVI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/25/2023 10:35	57401 SPAN_T1	0	0	0	0	0	0	-1.12	-1.14	1	1	0	600	600	0
12/25/2023 10:36	60502 NMAN_T2	1	1	0	0.4	0.3	-0.1	-0.57	-0.61	0	0	0	0	0	0
12/25/2023 10:36	65804 RTWN_T1	0	0	0	0	0	0	-0.26	-0.26	1	1	0	600	600	0
12/25/2023 10:36	67502 WEWI_T2	0	0	0	0	0	0	-0.37	-0.43	0	0	0	0	0	0
12/25/2023 10:36	16302 ALPA_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/25/2023 10:37	16302 ALPA_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/25/2023 10:37	59102 WALK_T2	32	42	10	0.27	0.2	-0.07	0	0	0	0	0	0	0	0
12/25/2023 10:37	65804 RTWN_T1	0	0	0	0	0	0	-0.26	-0.26	1	1	0	600	600	0
12/25/2023 10:37	57401 SPAN_T1	0	0	0	0	0	0	-2.25	-2.28	2	2	0	1200	1200	0
12/25/2023 10:37	65001 NEFF_T2	51	82	31	0.13	0.14	0.01	-1.44	-1.45	1	1	0	1200	1200	0
12/25/2023 10:37	67502 WEWI_T2	0	0	0	0	0	0	-0.37	-0.43	0	0	0	0	0	0
12/25/2023 10:38	67502 WEWI_T2	0	0	0	0	0	0	-0.37	-0.43	0	0	0	0	0	0
12/25/2023 10:38	27502 WEIS_T2	0	0	0	0	0	0	-0.54	-0.55	0	0	0	0	0	0
12/25/2023 10:38	67303 WYOM_T2	13	12	-1	0.11	0.11	0	-0.24	-0.25	0	0	0	0	0	0
12/25/2023 10:38	57401 SPAN_T1	0	0	0	0	0	0	-2.25	-2.28	2	2	0	1200	1200	0
12/25/2023 10:39	56803 BENV_T1	2	2	0	0.25	0.1	-0.15	0	0	0	0	0	0	0	0
12/25/2023 10:39	57401 SPAN_T1	0	0	0	0	0	0	-1.14	-1.13	1	1	0	600	600	0
12/25/2023 10:40	40502 CRES_T2	13	22	9	0.56	0.45	-0.11	-0.29	-0.32	0	0	0	0	0	0
12/25/2023 10:41	16302 ALPA_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/25/2023 10:41	56803 BENV_T1	2	2	0	0.25	0.1	-0.15	0	0	0	0	0	0	0	0
12/25/2023 10:42	56802 BENV_T2	5	22	17	0.32	0.23	-0.09	-1.42	-1.41	0	0	0	0	0	0
12/25/2023 10:42	27502 WEIS_T2	0	0	0	0	0	0	-0.54	-0.55	0	0	0	0	0	0
12/25/2023 10:42	40101 HUNT_T2	9	48	39	0.32	0.58	0.26	-0.59	-0.57	0	0	0	0	0	0
12/25/2023 10:42	42201 SHEN_T2	0	0	0	0	0	0	0.42	0.44	0	0	0	0	0	0
12/25/2023 10:42	46801 HEPB_T2	2	0	-2	0.15	0	-0.15	0.54	0.51	0	0	0	0	0	0
12/25/2023 10:43	63404 HONY_T1	2	2	0	6.95	7.25	0.3	0	0	0	0	0	0	0	0
12/25/2023 10:44	64201 KINZ_T1	339	335	-4	0.74	0.7	-0.04	0	0	0	0	0	0	0	0
12/25/2023 10:47	50502 MECH_T1	1	1	0	2.8	3	0.2	0	0	0	0	0	0	0	0
12/25/2023 10:47	42903 MIDD_T2	2	2	0	0.65	0.15	-0.5	0	0	0	0	0	0	0	0
12/25/2023 10:47	64204 KINZ_T1	1	1	0	0.7	0.9	0.2	0	0	0	0	0	0	0	0
12/25/2023 10:47	67605 WARW_T1	3	2	-1	0.23	0.2	-0.03	-1.29	-1.27	0	0	0	0	0	0
12/25/2023 10:48	16402 MOPO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/25/2023 10:48	64201 KINZ_T1	332	317	-15	0.7	0.58	-0.12	0.12	0.39	2	1	-1	600	300	-300
12/25/2023 10:48	65502 MOJO_T2	259	285	26	0.2	0.25	0.05	0	0	0	0	0	0	0	0
12/25/2023 10:48	67605 WARW_T1	3	2	-1	0.23	0.2	-0.03	-1.29	-1.27	0	0	0	0	0	0
12/25/2023 10:49	65502 MOJO_T2	259	285	26	0.2	0.25	0.05	0	0	0	0	0	0	0	0
12/25/2023 10:49	64301 LINC_T1	0	0	0	0	0	0	0.14	0.16	0	0	0	0	0	0
12/25/2023 10:50	16402 MOPO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/25/2023 10:50	60604 NCOL_T2	0	0	0	0	0	0	0.58	0.45	0	0	0	0	0	0
12/25/2023 10:50	40601 PIGR_T1	3	5	2	0.1	0.12	0.02	0	0	0	0	0	0	0	0
12/25/2023 10:50	65804 RTWN_T1	0	0	0	0	0	0	-0.26	-0.25	1	1	0	600	600	0
12/25/2023 10:51	44901 SCOT_T2	5	98	93	0.18	0.38	0.2	-0.62	-0.5	0	0	0	0	0	0
12/25/2023 10:51	56501 ROCK_T2	1	4	3	0.2	0.2	0	0	0	0	0	0	0	0	0
12/25/2023 10:52	67502 WEWI_T2	0	4	4	0	0.1	0.1	0	0	0	0	0	0	0	0
12/25/2023 10:52	44902 SCOT_T2	0	2	2	0	0.25	0.25	0	0	0	0	0	0	0	0
12/25/2023 10:52	40602 PIGR_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/25/2023 10:52	59402 RFLD_T2	0	0	0	0	0	0	-0.83	-0.83	1	1	0	450	450	0
12/25/2023 10:52	65804 RTWN_T1	0	0	0	0	0	0	-0.52	-0.5	2	2	0	1200	1200	0
12/25/2023 10:52	27502 WEIS_T2	0	0	0	0	0	0	-0.54	-0.55	0	0	0	0	0	0
12/25/2023 10:53	60201 ATGL_T2	0	0	0	0	0	0	0.08	0.13	0	0	0	0	0	0
12/25/2023 10:53	67001 STHI_T2	367	412	45	0.21	0.22	0.01	0	0	0	0	0	0	0	0
12/25/2023 10:54	51102 CARL_T1	44	60	16	0.17	0.2	0.03	0	0	0	0	0	0	0	0
12/25/2023 10:54	66902 SHIL_T2	1	1	0	1.4	0.1	-1.3	0	0	0	0	0	0	0	0
12/25/2023 10:54	67002 STHI_T2	41	75	34	0.15	0.2	0.05	2.39	2.39	0	0	0	0	0	0
12/25/2023 10:54	27502 WEIS_T2	0	0	0	0	0	0	-0.55	-0.53	0	0	0	0	0	0
12/25/2023 10:54	45501 DERR_T2	0	0	0	1	0	0	-0.14	-0.13	1	1	0	600	600	0
12/25/2023 10:54	49803 UNIV_T1	0	0	0	0	0	0	-1.28	-1.3	0	0	0	0	0	0
12/25/2023 10:54	56802 BENV_T2	7	82	75	0.33	0.2	-0.13	-2.83	-2.78	0	0	0	0	0	0
12/25/2023 10:54	60201 ATGL_T2	0	0	0	0	0	0	0.13	0.13	0	0	0	0	0	0
12/25/2023 10:54	67201 TEHI_T1	0	0	0	0	0	0	0.1	0.09	0	0	0	0	0	0
12/25/2023 10:55	45402 WILO_T2	9	17	8	0.18	0.21	0.03	-0.74	-0.74	0	0	0	0	0	0
12/25/2023 10:56	60201 ATGL_T2	0	0	0	0	0	0	0.13	0.13	0	0	0	0	0	0
12/25/2023 10:56	46004 BERW_T2	3	0	-3	1.3	0	-1.3	-0.78	-0.8	0	0	0	0	0	0
12/25/2023 10:57	45501 DERR_T2	0	0	0	0	0	0	-0.14	-0.13	1	1	0	600	600	0
12/25/2023 10:57	54502 ENOL_T2	1	1	0	0.3	0.3	0	0	0	0	0	0	0	0	0
12/25/2023 10:57	51104 CARL_T1	0	1	1	0	0	0	0	0	0	0	0	0	0	0
12/25/2023 10:58	45501 DERR_T2	0	0	0	0	0	0	-0.28	-0.26	2	2	0	1200	1200	0
12/25/2023 10:58	45702 LIND_T2	1	1	0	0.6	0.8	0.2	-0.44	-0.4	0	0	0	0	0	0
12/25/2023 10:58	27502 WEIS_T2	0	0	0	0	0	0	-0.55	-0.53	0	0	0	0	0	0
12/25/2023 10:58	56802 BENV_T2	7	82	75	0.33	0.2	-0.13	-1.41	-1.39	0	0	0	0	0	0
12/25/2023 10:59	65001 NEFF_T2	70	100	30	0.14	0.15	0.01	-1.42	-1.45	1	1	0	1200	1200	0
12/25/2023 11:00	50502 MECH_T1	1	1	0	2.9	3	0.1	0	0	0	0	0	0	0	0
12/25/2023 11:01	47403 PENS_T1	1	1	0	1.7	1.8	0.1	0	0	0	0	0	0	0	0
12/25/2023 11:02	50503 MECH_T1	1	27	26	0.1	0.12	0.02	0	0	0	0	0	0	0	0
12/25/2023 11:02	64101 REFR_T1	0	0	0	0	0	0	0.09	0.09	0	0	0	0	0	0
12/25/2023 11:03	44601 SALE_T2	0	0	0	0	0	0	-0.27	-0.22	0	0	0	0	0	0
12/25/2023 11:04	47403 PENS_T1	1	1	0	1.7	1.8	0.1	0	0	0	0	0	0	0	0
12/25/2023 11:04	64801 MONE_T2	0	0	0	0	0	0	0.42	0.44	0	0	0	0	0	0
12/25/2023 11:04	47802 MOCA_T2	1	1	0	0.2	0.2	0	-1.09	-1.08	0	0	0	0	0	0
12/25/2023 11:04	64101 REFR_T1	0	0	0	0	0	0	0.09	0.09	0	0	0	0	0	0
12/25/2023 11:05	64101 REFR_T1	0	0	0	0	0	0	0.09	0.09	0	0	0	0	0	0
12/25/2023 11:05	42802 SELI_T1	0	0	0	0	0	0	-2.24	-2.23	1	1	0	900	900	0
12/25/2023 11:05	67502 WEWI_T2	0	4	4	0	0.13	0.13	0	0	0	0	0	0	0	0
12/25/2023 11:06	52501 PROG_T1	0	0	0	0	0	0	0.26	0.26	1	1	0	300	300	0
12/25/2023 11:06	67503 WEWI_T2	0	0	0	0	0	0	-0.32	-0.34	0	0	0	0	0	0
12/25/2023 11:06	59101 WALK_T2	2	3	1	0.1	0.15	0.05	-0.66	-0.65	0	0	0	0	0	0
12/25/2023 11:06	47403 PENS_T1	1	1	0	1.7	1.8	0.1	0	0	0	0	0	0	0	0
12/25/2023 11:07	64101 REFR_T1	0	0	0	0	0	0	0.36	0.35	0	0	0	0	0	0
12/25/2023 11:07	57403 SPAN_T1	0	0	0	0	0	0	0.2	0.12	0	0	0	0	0	0
12/25/2023 11:07	67605 WARW_T1	0	5	5	0	0.14	0.14	-1.27	-1.29	0	0	0	0	0	0
12/25/2023 11:08	27502 WEIS_T2	0	0	0	0	0	0	-0.53	-0.54	0	0	0	0	0	0
12/25/2023 11:08	42801 SELI_T1	1	1	0	0	0	0	0	0	0	0	0	0	0	0
12/25/2023 11:08	67605 WARW_T1	0	5	5	0	0.14	0.14	-1.27	-1.29	0	0	0	0	0	0
12/25/2023 11:09	58003 WCAR_T1	1	2	1	1.4	0.95	-0.45	0.55	0.57	0	0	0	0	0	0
12/25/2023 11:10	58001 WCAR_T1	4	4	0	1.15	1.58	0.43	0	0	0	0	0	0	0	0
12/25/2023 11:12	50505 MECH_T1	0	4	4	0	0.13	0.13	0	0	0	0	0	0	0	0
12/25/2023 11:14	61801 EELI_T2	0	0	0	0	0	0	-0.26	-0.27	0	0	0	0	0	0
12/25/2023 11:14	59302 MCAL_T1	1	1	0	1.3	1.4	0.1	0	0	0	0	0	0	0	0
12/25/2023 11:14	27502 WEIS_T2	0	0	0	0	0	0	-0.53	-0.54	0	0	0	0	0	0
12/25/2023 11:15	12701 MACU_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/25/2023 11:17	12701 MACU_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/25/2023 11:18	40601 PIGR_T1	3	8	5	0.1	0.13	0.03	0	0	0	0	0	0	0	0
12/25/2023 11:19	59402 RFLD_T2	0	0	0	0	0	0	-1.6	-1.66	2	2	0	900	900	0
12/25/2023 11:19	59302 MCAL_T1	1	2	1	1.3	0.75	-0.55	-0.55	-0.56	1	1	0	600	600	0
12/25/2023 11:20	50502 MECH_T1	1	1	0	3	3.1	0.1	0	0	0	0	0	0	0	0
12/25/2023 11:20	59202 THOM_T1	285	359	74	0.43	0.48	0.05	0	0	0	0	0	0	0	0
12/25/2023 11:20	51005 NHAR_T1	2	2	0	0.2	0.2	0	0	0	0	0	0	0	0	0
12/25/2023 11:20	59402 RFLD_T2	0	0	0	0	0	0	-0.8	-0.83	1	1	0	450	450	0
12/25/2023 11:20	58402 MORO_T1	0	0	0	0	0	0	-0.98	-1.06	4	4	0	3000	3000	0
12/25/2023 11:20	67001 STHI_T2	390	458	68	0.23	0.27	0.04	0	0	0	0	0	0	0	0
12/25/2023 11:21	67002 STHI_T2	72	89	17	0.2	0.22	0.02	1.19	1.16	0	0	0	0	0	0
12/25/2023 11:21	55002 NEWP_T1	5	7	2	0.68	0.61	-0.07	-0.2	-0.23	0	0	0	0	0	0
12/25/2023 11:22	59201 THOM_T1	18	24	6	0.63	0.55	-0.08	0	0	0	0	0	0	0	0
12/25/2023 11:22	67503 WEWI_T2	0	0	0	0	0	0	-0.34	-0.35	0	0	0	0	0	0
12/25/2023 11:23	58001 WCAR_T1	4	4	0	1.58	1.7	0.12	0	0	0	0	0	0	0	0
12/25/2023 11:23	56501 ROCK_T2	3	2	-1	0.2	0.15	-0.05	0	0	0	0	0	0	0	0
12/25/2023 11:23	45303 WBER_T2	2	4	2	0.2	0.2	0	-0.33	-0.36	0	0	0	0	0	0
12/25/2023 11:24	45303 WBER_T2	2	4	2	0.2	0.2	0	-0.33	-0.36	0	0	0	0	0	0
12/25/2023 11:24	27502 WEIS_T2	0	0	0	0	0	0	-0.54	-0.55	0	0	0	0	0	0
12/25/2023 11:24	67001 STHI_T2	390	458	68	0.23	0.27	0.04	0	0	0	0	0	0	0	0
12/25/2023 11:24	60201 ATGL_T2	0	0	0	0	0	0	0.08	0.12	0	0	0	0	0	0
12/25/2023 11:24	60701 BREC_T1	3	97	94	0.1	0.14	0.04	-0.57	-0.56	1	1	0	600	600	0
12/25/2023 11:24	59202 THOM_T1	285	359	74	0.43	0.48	0.05	0	0	0	0	0	0	0	0
12/25/2023 11:25	67303 WYOM_T2	8	22	14	0.1	0.12	0.02	-0.23	-0.26	0	0	0	0	0	0
12/25/2023 11:25	60701 BREC_T1	3	97	94	0.1	0.14	0.04	-0.57	-0.56	1	1	0	600	600	0
12/25/2023 11:25	45303 WBER_T2	2	4	2	0.2	0.2	0	-0.33	-0.36	0	0	0	0	0	0
12/25/2023 11:26	54203 PENN_T1	94	97	3	0.46	0.43	-0.03	0	0	0	0	0	0	0	0
12/25/2023 11:26	60701 BREC_T1	3	97	94	0.1	0.14	0.04	-0.57	-0.56	1	1	0	600	600	0
12/25/2023 11:26	20402 ASHF_T2	2	2	0	0.15	0.2	0.05	0	0	0	0	0	0	0	0
12/25/2023 11:27	60701 BREC_T1	3	97	94	0.1	0.14	0.04	-0.57	-0.56	1	1	0	600	600	0
12/25/2023 11:27	67605 WARW_T1	2	9	7	0.2	0.17	-0.03	-1.32	-1.34	0	0	0	0	0	0
12/25/2023 11:28	67605 WARW_T1	2	9	7	0.2	0.17	-0.03	-1.32	-1.34	0	0	0	0	0

Appendix C - Grid Benefits Achieved in Each Instance of Active Management

12/25/2023 11:47	50505 MECH_T1	8	33	25	0.14	0.15	0.01	0	0	0	0	0	0	0	0
12/25/2023 11:47	52006 LING_T2	3	3	0	0.43	0.7	0.27	0	0	0	0	0	0	0	0
12/25/2023 11:47	67605 WARW_T1	9	30	21	0.17	0.32	0.15	-1.34	-1.34	0	0	0	0	0	0
12/25/2023 11:48	67605 WARW_T1	9	30	21	0.17	0.32	0.15	-1.34	-1.34	0	0	0	0	0	0
12/25/2023 11:49	50506 MECH_T1	138	326	188	0.14	0.18	0.04	-0.19	-0.18	0	0	0	0	0	0
12/25/2023 11:49	64101 REFR_T1	0	0	0	0	0	0	0.08	0.08	0	0	0	0	0	0
12/25/2023 11:50	41902 REED_T1	0	0	0	0	0	0	0.86	0.93	0	0	0	0	0	0
12/25/2023 11:50	64101 REFR_T1	0	0	0	0	0	0	0.16	0.16	0	0	0	0	0	0
12/25/2023 11:51	16302 ALPA_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/25/2023 11:51	64101 REFR_T1	0	0	0	0	0	0	0.08	0.08	0	0	0	0	0	0
12/25/2023 11:51	54204 PENN_T2	3	4	1	0.43	0.43	0	0	0	0	0	0	0	0	0
12/25/2023 11:52	64101 REFR_T1	0	0	0	0	0	0	0.08	0.08	0	0	0	0	0	0
12/25/2023 11:53	66701 STRA_T1	0	1	1	0	0.4	0.4	0	0	0	0	0	0	0	0
12/25/2023 11:55	16302 ALPA_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/25/2023 11:56	45501 DERR_T2	0	1	1	0	0.1	0.1	-0.33	-0.32	2	2	0	1200	1200	0
12/25/2023 11:56	61103 BERK_T5	0	0	0	0	0	0	-0.01	0.08	0	0	0	0	0	0
12/25/2023 11:57	61101 BERK_T5	0	1	1	0	0.1	0.1	0	0	0	0	0	0	0	0
12/25/2023 11:58	45501 DERR_T2	0	1	1	0	0.1	0.1	-0.17	-0.16	1	1	0	600	600	0
12/25/2023 12:01	42903 MIDD_T2	0	2	2	0	0.4	0.4	0	0	0	0	0	0	0	0
12/25/2023 12:01	47001 HUGH_T2	0	0	0	0	0	0	-0.84	-0.83	0	0	0	0	0	0
12/25/2023 12:02	63201 MGTN_T2	0	0	0	0	0	0	-0.28	-0.31	1	1	0	600	600	0
12/25/2023 12:03	63201 MGTN_T2	0	0	0	0	0	0	-0.28	-0.31	1	1	0	600	600	0
12/25/2023 12:04	63201 MGTN_T2	0	0	0	0	0	0	-0.28	-0.31	1	1	0	600	600	0
12/25/2023 12:05	63201 MGTN_T2	0	0	0	0	0	0	-0.28	-0.31	1	1	0	600	600	0
12/25/2023 12:06	59201 THOM_T1	28	68	40	0.62	0.45	-0.17	0	0	0	0	0	0	0	0
12/25/2023 12:06	59402 RFLD_T2	0	0	0	0	0	0	-0.85	-0.85	1	1	0	450	450	0
12/25/2023 12:07	59402 RFLD_T2	0	0	0	0	0	0	-1.7	-1.7	2	2	0	900	900	0
12/25/2023 12:07	59201 THOM_T1	28	68	40	0.62	0.45	-0.17	0	0	0	0	0	0	0	0
12/25/2023 12:07	67605 WARW_T1	23	32	9	0.23	0.44	0.21	-1.34	-1.36	0	0	0	0	0	0
12/25/2023 12:08	67605 WARW_T1	23	32	9	0.23	0.44	0.21	-1.34	-1.36	0	0	0	0	0	0
12/25/2023 12:09	58001 WCAR_T1	4	9	5	1.78	0.94	-0.84	0	0	0	0	0	0	0	0
12/25/2023 12:10	20403 ASHF_T2	0	0	0	0	0	0	0.23	0.22	0	0	0	0	0	0
12/25/2023 12:12	20402 ASHF_T2	2	2	0	0.2	0.4	0.2	0	0	0	0	0	0	0	0
12/25/2023 12:12	45501 DERR_T2	1	1	0	0.1	0.2	0.1	-0.32	-0.41	2	2	0	1200	1200	0
12/25/2023 12:14	52004 LING_T2	0	0	0	0	0	0	0.09	0.1	0	0	0	0	0	0
12/25/2023 12:17	63404 HONY_T1	2	2	0	7.35	7.4	0.05	0	0	0	0	0	0	0	0
12/25/2023 12:20	66702 STRA_T1	2	3	1	0.3	0.33	0.03	0	0	0	0	0	0	0	0
12/25/2023 12:22	41902 REED_T1	0	3	3	0	0	0	0.95	0.9	0	0	0	0	0	0
12/25/2023 12:23	61101 BERK_T5	1	1	0	0.1	0.1	0	0	0	0	0	0	0	0	0
12/25/2023 12:26	61102 BERK_T5	1	1	0	0.2	0.2	0	0	0	0	0	0	0	0	0
12/25/2023 12:34	59002 MIFF_T1	5	6	1	0.74	0.83	0.09	0	0	0	0	0	0	0	0
12/25/2023 12:35	59003 MIFF_T1	1	1	0	0.7	0.8	0.1	0.32	0.34	0	0	0	0	0	0
12/25/2023 12:35	66901 SHIL_T2	197	229	32	0.28	0.31	0.03	-1.84	-1.82	1	1	0	1200	1200	0
12/25/2023 12:45	50505 MECH_T1	186	430	244	0.18	0.23	0.05	-0.99	-1	0	0	0	0	0	0
12/25/2023 12:46	50501 MECH_T1	223	411	188	0.23	0.29	0.06	0	0	0	0	0	0	0	0
12/25/2023 12:46	39601 LNFD_T1	0	14	14	0	0.2	0.2	0	0	0	0	0	0	0	0
12/25/2023 12:47	53801 MBRG_T2	0	8	8	0	0.1	0.1	0	0	0	0	0	0	0	0
12/25/2023 12:51	59202 THOM_T1	494	655	161	0.59	0.72	0.13	0	0	0	0	0	0	0	0
12/25/2023 12:52	67204 TEHI_T2	0	0	0	0	0	0	-0.26	-0.27	0	0	0	0	0	0
12/25/2023 12:53	59201 THOM_T1	64	80	16	0.47	0.59	0.12	0	0	0	0	0	0	0	0
12/25/2023 12:53	67204 TEHI_T2	0	0	0	0	0	0	-0.26	-0.27	0	0	0	0	0	0
12/25/2023 12:54	45501 DERR_T2	0	0	0	0	0	0	-0.22	-0.1	1	1	0	600	600	0
12/25/2023 12:54	59201 THOM_T1	64	80	16	0.47	0.59	0.12	0	0	0	0	0	0	0	0
12/25/2023 13:00	41801 GOCI_T2	0	21	21	0	0.11	0.11	0	0	0	0	0	0	0	0
12/25/2023 13:01	52004 LING_T2	0	0	0	0	0	0	0.12	0.1	0	0	0	0	0	0
12/25/2023 13:03	51001 NWAR_T1	3	5	2	0.2	0.22	0.02	0	0	0	0	0	0	0	0
12/25/2023 13:03	40903 JESH_T1	3	68	65	0.13	0.13	0	0	0	0	0	0	0	0	0
12/25/2023 13:04	42801 SELI_T1	1	1	0	0	0	0	0	0	0	0	0	0	0	0
12/25/2023 13:05	42802 SELI_T1	0	0	0	0	0	0	-2.27	-2.31	1	1	0	900	900	0
12/25/2023 13:05	63203 MGTN_T1	0	0	0	0	0	0	-0.25	-0.26	1	1	0	600	600	0
12/25/2023 13:10	65001 NEFF_T2	212	214	2	0.24	0.23	-0.01	-1.49	-1.46	1	1	0	1200	1200	0
12/25/2023 13:15	50501 MECH_T1	396	517	121	0.29	0.37	0.08	0	0	0	0	0	0	0	0
12/25/2023 13:16	53901 HALI_T2	1	1	0	0.1	0.2	0.1	0	0	0	0	0	0	0	0
12/25/2023 13:21	64101 REFR_T1	1	2	1	1	0.35	-0.65	0.12	0.01	0	0	0	0	0	0
12/25/2023 13:23	60201 ATGL_T2	0	10	10	0	0.16	0.16	0.12	0.06	0	0	0	0	0	0
12/25/2023 13:26	54502 ENOL_T2	1	1	0	0.4	0.4	0	0	0	0	0	0	0	0	0
12/25/2023 13:27	61701 ELIZ_T1	1	1	0	5	5.3	0.3	0	0	0	0	0	0	0	0
12/25/2023 13:29	50502 MECH_T1	12	50	38	0.43	0.22	-0.21	0	0	0	0	0	0	0	0
12/25/2023 13:29	61703 ELIZ_T1	130	249	119	0.2	0.53	0.33	-6.3	-6.38	3	3	0	2700	2700	0
12/25/2023 13:30	59002 MIFF_T1	6	6	0	1.02	1.05	0.03	0	0	0	0	0	0	0	0
12/25/2023 13:30	48902 FOSP_T2	0	0	0	0	0	0	-0.41	-0.36	0	0	0	0	0	0
12/25/2023 13:31	50503 MECH_T1	644	718	74	0.28	0.28	0	0	0	0	0	0	0	0	0
12/25/2023 13:38	46004 BERW_T2	0	0	0	0	0	0	-0.84	-0.84	0	0	0	0	0	0
12/25/2023 13:40	58003 WCAR_T1	122	256	134	0.23	0.24	0.01	0	0	0	0	0	0	0	0
12/25/2023 13:40	20403 ASHF_T2	1	0	-1	0.4	0	-0.4	0.13	0.13	0	0	0	0	0	0
12/25/2023 13:45	50506 MECH_T1	1097	1166	69	0.33	0.35	0.02	0	0	0	0	0	0	0	0
12/25/2023 13:47	59002 MIFF_T1	6	6	0	1.03	0.72	-0.31	0	0	0	0	0	0	0	0
12/25/2023 13:47	53803 MBRG_T2	7	10	3	0.29	0.26	-0.03	0.03	0.02	0	0	0	0	0	0
12/25/2023 13:48	50505 MECH_T1	529	686	157	0.29	0.29	0	0	0	0	0	0	0	0	0
12/25/2023 13:48	59002 MIFF_T1	6	6	0	1.03	0.72	-0.31	0	0	0	0	0	0	0	0
12/25/2023 13:49	53801 MBRG_T2	6	10	4	0.12	0.17	0.05	0	0	0	0	0	0	0	0
12/25/2023 13:51	59201 THOM_T1	84	78	-6	0.63	0.68	0.05	0	0	0	0	0	0	0	0
12/25/2023 13:51	14403 SSLA_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/25/2023 13:52	60501 NMAN_T2	11	27	16	1.51	0.73	-0.78	0	0	0	0	0	0	0	0
12/25/2023 13:53	61103 BERK_T5	0	1	1	0	0	0	0.03	0.03	0	0	0	0	0	0
12/25/2023 13:54	61101 BERK_T5	1	1	0	0.2	0.3	0.1	0	0	0	0	0	0	0	0
12/25/2023 13:55	61101 BERK_T5	1	1	0	0.2	0.3	0.1	0	0	0	0	0	0	0	0
12/25/2023 13:55	67304 WYOM_T2	0	1	1	0	0	0	0	0	0	0	0	0	0	0
12/25/2023 13:56	61101 BERK_T5	1	1	0	0.2	0.3	0.1	0	0	0	0	0	0	0	0
12/25/2023 13:56	67303 WYOM_T2	48	49	1	0.14	0.14	0	-0.3	-0.31	0	0	0	0	0	0
12/25/2023 13:57	61102 BERK_T5	1	3	2	0.4	0.4	0	0	0	0	0	0	0	0	0
12/25/2023 13:57	14403 SSLA_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/25/2023 14:00	20603 GRWO_T2	7	0	-7	0.16	0	-0.16	-0.62	0.35	1	1	0	900	900	0
12/25/2023 14:02	65003 NEFF_T2	0	1	1	0	0.2	0.2	0	0	0	0	0	0	0	0
12/25/2023 14:03	52004 LING_T2	1	1	0	0.4	0.3	-0.1	0.04	0.09	0	0	0	0	0	0
12/25/2023 14:04	42802 SELI_T1	1	1	0	0.8	0.7	-0.1	-2.29	-2.3	1	1	0	900	900	0
12/25/2023 14:05	42801 SELI_T1	1	1	0	0	0	0	0	0	0	0	0	0	0	0
12/25/2023 14:06	52004 LING_T2	1	1	0	0.4	0.3	-0.1	0.04	0.09	0	0	0	0	0	0
12/25/2023 14:07	58003 WCAR_T1	250	257	7	0.23	0.22	-0.01	0.54	0.57	0	0	0	0	0	0
12/25/2023 14:07	59202 THOM_T1	675	655	-20	0.84	0.79	-0.05	0	0	0	0	0	0	0	0
12/25/2023 14:07	14403 SSLA_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/25/2023 14:09	60904 DONG_T2	43	19	-24	0.24	0.14	-0.1	0	0	0	0	0	0	0	0
12/25/2023 14:10	58003 WCAR_T1	250	257	7	0.23	0.22	-0.01	0.57	0.54	0	0	0	0	0	0
12/25/2023 14:10	40201 BEGA_T2	1	2	1	0.1	0.15	0.05	0	0	0	0	0	0	0	0
12/25/2023 14:12	40101 HUNT_T2	0	0	0	0	0	0	-0.68	-0.68	0	0	0	0	0	0
12/25/2023 14:14	40101 HUNT_T2	0	0	0	0	0	0	-0.68	-0.68	0	0	0	0	0	0
12/25/2023 14:16	40101 HUNT_T2	0	0	0	0	0	0	-1.36	-1.36	0	0	0	0	0	0
12/25/2023 14:17	47401 PENS_T1	1	1	0	0.6	0.1	-0.5	1.21	1.22	0	0	0	0	0	0
12/25/2023 14:17	42902 MIDD_T2	0	3	3	0	0.15	0.15	0	0	0	0	0	0	0	0
12/25/2023 14:18	47403 PENS_T1	1	2	1	2.4	1.2	-1.2	0	0	0	0	0	0	0	0
12/25/2023 14:18	40101 HUNT_T2	0	0	0	0	0	0	-0.68	-0.68	0	0	0	0	0	0
12/25/2023 14:19	50503 MECH_T1	539	797	258	0.26	0.29	0.03	0	0	0	0	0	0	0	0
12/25/2023 14:19	64101 REFR_T1	0	0	0	0	0	0	0	0.03	0	0	0	0	0	0
12/25/2023 14:19	13503 MCMI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/25/2023 14:19	47401 PENS_T1	1	1	0	0.6	0.1	-0.5	0.61	0.61	0	0	0	0	0	0
12/25/2023 14:19	42801 SELI_T1	1	1	0	0	0	0	0	0	0	0	0	0	0	0
12/25/2023 14:20	41902 REED_T1	0	0	0	0	0	0	1.89	1.92	0	0	0	0	0	0
12/25/2023 14:20	50502 MECH_T1	34	78	44	0.26	0.19	-0.07	0	0	0	0	0	0	0	0
12/25/2023 14:20	65804 RTWN_T1	0	0	0	0	0	0	-0.24	-0.28	1	1	0	600	600	0
12/25/2023 14:21	67605 WARW_T1	57	83	26	0.44	0.47	0.03	-1.38	-1.43	0	0	0	0	0	0
12/25/2023 14:21	59402 RFLD_T2	0	3	3	0	0	0	-0.84	-0.84	1	1	0	450	450	0
12/25/2023 14:21	47403 PENS_T1	1	2	1	2.4	1.2	-1.2	0	0	0	0	0	0	0	0
12/25/2023 14:21	64101 REFR_T1	0	0	0	0	0	0	0	0.03	0	0	0	0	0	0
12/25/2023 14:21	60604 NCOL_T2	0	0	0	0	0	0	0.33	0.23	0	0	0	0	0	0
12/25/2023 14:22	42802 SELI_T1	1	1	0	0.7	0.5	-0.2	-2.3	-2.29	1	1	0	900	900	0
12/25/2023 14:22	59201 THOM_T1	74	82	8	0.61	0.6	-0.01	0	0	0	0	0	0	0	0
12/25/2023 14:22	44902 SCOT_T2	0	0	0	0	0	0	-1.05	-0.99	0	0	0	0	0	0
12/25/2023 14:22	65804 RTWN_T1	0	0	0	0	0	0	-0.24	-0.28	1	1	0	600	600	0
12/25/2023 14:22	64101 REFR_T1	0	0	0	0	0	0	0	0.03	0	0	0	0	0	0
12/25/2023 14:23	60201 ATGL_T2	9	34	25	0.17	0.16	-0.01	0.15	0.13	0	0	0	0	0	0
12/25/2023 14:23	14403 SSLA_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/25/2023 14:23	59402 RFLD_T2	0	3	3	0	0	0	-0.84	-0.84	1	1	0	450	450	0
12/25/2023 14:24	67002 STHI_T2	151	237	86	0.18	0.2	0.02	1.85	1.83	0	0	0	0	0	0
12/25/2023 14:24	67605 WARW_T1	57	83	26	0.44	0.47	0.03	-1.43	-1.41	0	0	0	0	0	0
12/25/2023 14:26	62605 ENGI_T1	4	4	0	0.13	0.13	0	0	0	0	0	0	0	0	0
12/25/2023 14:26	60201 ATGL_T2	9	34	25	0.17	0.16	-0.01	0.13	0	0	0	0	0	0	0
12/25/2023 14:26	53501 EVIL_T2	9	7	-2	0.47	0.66	0.19	0	0	0	0	0	0	0	0
12/25/2023 14:27	62604 ENGI_T1	0	0	0	0	0	0	0.18	0.18	0	0	0	0	0	0
12/25/2023 14:28	54502 ENOL_T2	1	1	0	0.4	0.5	0.1	0	0	0	0	0	0	0	0
12/25/2023 14:28	62604 ENGI_T1	0	0	0	0	0	0	0.18	0.18	0	0	0	0	0	0
12/25/2023 14:28	40101 HUNT_T2	0	0	0	0	0	0	-1.36	-1.34	0	0	0	0	0	0
12/25/2023 14:29	54505 ENOL_T2	1	1	0	1.4	1.5	0.1	-1.37	-1.37	1	1	0	600	600	0
12/25/2023 14:29	62606 ENGI_T1	13	2	-11	0.1	0.1	0	0	0	0	0	0	0	0	0
12/25/2023 14:29	54505 ENOL_T2	1	1	0	1.4	1.5	0.1	-1.37	-1.37	1	1	0	600	600	0
12/25/2023 14:30	62605 ENGI_T1	4	4	0	0.13	0.1	-0.03	0	0	0	0	0	0	0	0
12/25/2023 14:30	40101 HUNT_T2	0	0	0	0	0	0	-0.68	-0.67	0	0	0	0	0	0
12/25/2023 14:32	40101 HUNT_T2	0	0	0	0	0	0	-0.68	-0.67	0	0	0	0	0	0
12/25/2023 14:33	47403 PENS_T1	2	1	-1	1.2	2.2	1	0	0	0	0	0	0	0	0
12/25/2023 14:33	54202 PENN_T2	210	339	129	0.16	0.17	0.01	0.55	0.5	0	0	0	0	0	0
12/25/2023 14:34	50502 MECH_T1	73	65	-8	0.18	0.19	0.01	0	0	0	0	0	0	0	0
12/25/2023 14:34	59402 RFLD_T2	1	2	1	1.5	0	-1.5	-0.84	-0.85	1	1	0	450	450	0
12/25/2023 14:34	47401 PENS_T1	1	0	-1	0.1	0	-0.1	0.61	0.62	0	0	0	0	0	0
12/25/2023 14:35	50501 MECH_T1	624	567	-57	0.32	0.28	-0.04	0	0	0	0	0	0	0	0
12/25/2023 14:35	57404 SPAN_T2	0	1	1	0	0	0	-0.45	-0.39	1	1	0	1200	1200	0
12/25/2023 14:36	54502 ENOL_T2	1	1	0	0.5	0.5	0	-1.43	-1.43	0	0	0	0	0	0
12/25/2023 14:36	57401 SPAN_T1	2	2	0	0.35	0.3	-0.05	-1.23	-1.21	1	1	0	600	600	0
12/25/2023 14:36	57401 SPAN_T1	2	2	0	0.35	0.3	-0.05	-1.23	-1.21	1	1	0	600	600	0
12/25/2023 14:37	66703 STRA_T1	4	6	2	0.38	0.3	-0.08	-0.28	-0.35	0	0	0	0	0	0
12/25/2023 14:37	57401 SPAN_T1	2	2	0	0.35	0.3	-0.05	0	0	0	0	0	0	0	0
12/25/2023 14:37	46001 BERW_T1	0	0	0	0	0	0	0.53	0.53	0	0	0	0	0	0
12/25/2023 14:37	16302 ALPA_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/25/2023 14:37	67605 WARW_T1	81	66	-15	0.48	0.42	-0.06	-1.43	-1.41	0	0	0	0	0	0
12/25/2023 14:37	67401 WAKE_T2	0	0	0	0	0	0	-0.96	-0.98	0	0	0	0	0	0
12/25/2023 14:37	47401 PENS_T1	1	0	-1	0.1	0	-0.1	0.61	0.62	0	0	0	0	0	0
12/25/2023 14:38	57403 SPAN_T1	10	14	4	0.3	0.31	0.01	0	0	0	0	0	0	0	0
12/25/2023 14:38	66702 STRA_T1	31	29	-2	0.19	0.18	-0.01	-0.76	-0.76	1	1	0	900	900	0
12/25/2023 14:38	57404 SPAN_T2	0	1	1	0	0	0	-0.45	-0.39	1	1	0	1200	1200	0
12/25/2023 14:38	60701 BREC_T1	0	0	0	0	0	0	-0.02	-0.04	0	0	0	0	0	0
12/25/2023 14:38	41601 CLEV_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/25/2023 14:39	60701 BREC_T1	0	0	0	0	0	0	-0.04	-0.06	0	0	0	0	0	0
12/25/2023 14:39	46001 BERW_T1	0	0	0	0	0	0	1.07	1.06	0	0	0	0	0	0
12/25/2023 14:39	51109 CARL_T1	1	1	0	0.1	0.1	0	0	0	0	0	0	0	0	0
12/25/2023 14:39	60201 ATGL_T2	26	31	5	0.14	0.16	0.02	0	-0.06	0	0	0	0	0	0
12/25/2023 14:39	67605 WARW_T1	81	66	-15	0.48	0.42	-0.06	-1.41	-1.37	0	0	0	0	0	0
12/25/2023 14:39	57403 SPAN_T1	10	14	4	0.3	0.31	0.01	0	0	0	0	0	0	0	0
12/25/2023 14:39	16302 ALPA_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/25/2023 14:39	61102 BERK_T5	1	2	1	0.2	0.1	-0.1	0.68	0.64	1	1	0	300	300	0
12/25/2023 14:40	51104 CARL_T1	11	12	1	0.11	0.14	0.03	0	0	0	0	0	0	0	0
12/25/2023 14:40	41601 CLEV_T1	0	0	0

12/25/2023 14:55	54206 PENN_T2	99	168	69	0.15	0.15	0	0	0	0	0	0	0	0
12/25/2023 14:56	60904 DONG_T2	17	10	-7	0.14	0.16	0.02	0	0	0	0	0	0	0
12/25/2023 15:00	65001 NEFF_T2	184	201	17	0.21	0.21	0	-1.46	-1.49	1	1	0	1200	1200	0
12/25/2023 15:01	52401 GRPA_T2	2	2	0	0.4	0.25	-0.15	0	0	0	0	0	0	0	0
12/25/2023 15:01	40901 JESH_T1	2	62	60	0.15	0.18	0.03	0	0	0	0	0	0	0	0
12/25/2023 15:02	52401 GRPA_T2	2	2	0	0.4	0.25	-0.15	0	0	0	0	0	0	0	0
12/25/2023 15:03	47403 PENS_T1	1	1	0	2	2.3	0.3	0	0	0	0	0	0	0	0
12/25/2023 15:04	56504 ROCK_T2	0	0	0	0	0	0	-0.5	-0.5	0	0	0	0	0	0
12/25/2023 15:04	47401 PENS_T1	0	0	0	0	0	0	0.54	0.51	0	0	0	0	0	0
12/25/2023 15:05	47401 PENS_T1	0	0	0	0	0	0	0.54	0.51	0	0	0	0	0	0
12/25/2023 15:06	47403 PENS_T1	1	1	0	2	2.3	0.3	0	0	0	0	0	0	0	0
12/25/2023 15:08	47401 PENS_T1	0	0	0	0	0	0	0.51	0.58	0	0	0	0	0	0
12/25/2023 15:10	40501 CRES_T2	6	6	0	0.17	0.17	0	0.26	0.26	0	0	0	0	0	0
12/25/2023 15:10	40504 CRES_T1	0	1	1	0	0.1	0.1	0	0	0	0	0	0	0	0
12/25/2023 15:10	40502 CRES_T2	8	8	0	0.31	0.35	0.04	0.53	0.53	0	0	0	0	0	0
12/25/2023 15:12	40504 CRES_T1	0	1	1	0	0.1	0.1	0	0	0	0	0	0	0	0
12/25/2023 15:14	40505 CRES_T1	0	0	0	0	0	0	0.36	0.38	0	0	0	0	0	0
12/25/2023 15:14	40505 CRES_T1	0	0	0	0	0	0	0.36	0.38	0	0	0	0	0	0
12/25/2023 15:17	16603 PONO_T2	0	0	0	0	0	0	0	-0.11	1	1	0	1200	1200	0
12/25/2023 15:17	47403 PENS_T1	1	1	0	2.2	2.3	0.1	0	0	0	0	0	0	0	0
12/25/2023 15:18	56504 ROCK_T2	0	0	0	0	0	0	-0.5	-0.49	0	0	0	0	0	0
12/25/2023 15:18	40504 CRES_T1	0	11	11	0	0.1	0.1	0	0	0	0	0	0	0	0
12/25/2023 15:18	16603 PONO_T2	0	0	0	0	0	0	0	-0.11	1	1	0	1200	1200	0
12/25/2023 15:20	47401 PENS_T1	0	0	0	0	0	0	0.51	0.58	0	0	0	0	0	0
12/25/2023 15:21	56501 ROCK_T2	89	89	0	0.14	0.19	0.05	0	0	0	0	0	0	0	0
12/25/2023 15:21	58101 NEKI_T1	142	145	3	0.21	0.21	0	0	0	0	0	0	0	0	0
12/25/2023 15:26	45501 DERR_T2	0	1	1	0	0.1	0.1	-0.17	-0.22	1	1	0	600	600	0
12/25/2023 15:29	62605 ENGL_T1	3	0	-3	0.1	0	-0.1	0	0	0	0	0	0	0	0
12/25/2023 15:30	62606 ENGL_T1	0	12	12	0	0.1	0.1	0	0	0	0	0	12	0	0
12/25/2023 15:33	44201 POIN_T1	0	0	0	0	0	0	-2.21	-2.15	1	1	0	900	900	0
12/25/2023 15:34	40601 PIGR_T1	80	95	15	0.2	0.19	-0.01	0	0	0	0	0	0	0	0
12/25/2023 15:34	52101 MEIS_T1	1	1	0	0.8	0.6	-0.2	0	0	0	0	0	0	0	0
12/25/2023 15:34	44901 SCOT_T2	0	5	5	0	0.12	0.12	-0.64	-0.67	0	0	0	0	0	0
12/25/2023 15:35	44201 POIN_T1	0	0	0	0	0	0	-2.21	-2.15	1	1	0	900	900	0
12/25/2023 15:36	59202 THOM_T1	507	401	-106	0.73	0.74	0.01	0	0	0	0	0	0	0	0
12/25/2023 15:37	16603 PONO_T2	0	0	0	0	0	0	-0.11	-0.18	1	1	0	1200	1200	0
12/25/2023 15:38	16603 PONO_T2	0	0	0	0	0	0	-0.11	-0.18	1	1	0	1200	1200	0
12/25/2023 15:38	40601 PIGR_T1	80	95	15	0.2	0.19	-0.01	0	0	0	0	0	0	0	0
12/25/2023 15:39	15001 BLMO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/25/2023 15:40	46004 BERW_T2	0	0	0	0	0	0	-0.8	-0.82	0	0	0	0	0	0
12/25/2023 15:40	60305 TWVA_T2	0	0	0	0	0	0	-1.62	-1.64	2	2	0	2400	2400	0
12/25/2023 15:42	40502 CRES_T2	8	8	0	0.34	0.39	0.05	0.54	0.55	0	0	0	0	0	0
12/25/2023 15:42	28403 HART_T2	0	0	0	0	0	0	-0.98	-0.95	1	1	0	900	900	0
12/25/2023 15:49	42002 MNVL_T2	1	1	0	6	6	0	0	0	0	0	0	0	0	0
12/25/2023 15:50	64802 MONE_T2	0	0	0	0	0	0	0.21	0.18	0	0	0	0	0	0
12/25/2023 15:51	67105 SPRI_T1	1	1	0	0.5	0	-0.5	0	0	0	0	0	0	0	0
12/25/2023 15:52	65001 NEFF_T2	138	108	-30	0.17	0.15	-0.02	-1.46	-1.46	1	1	0	1200	1200	0
12/25/2023 15:53	64101 REFR_T1	0	0	0	0	0	0	-0.01	0.03	0	0	0	0	0	0
12/25/2023 15:55	61303 EARL_T1	0	0	0	0	0	0	-0.07	-0.04	0	0	0	0	0	0
12/25/2023 15:56	61303 EARL_T1	0	0	0	0	0	0	-0.07	-0.04	0	0	0	0	0	0
12/25/2023 15:57	61303 EARL_T1	0	0	0	0	0	0	-0.07	-0.04	0	0	0	0	0	0
12/25/2023 16:09	14801 TREI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/25/2023 16:10	45501 DERR_T2	0	1	1	0	0	0	-0.2	-0.2	1	1	0	600	600	0
12/25/2023 16:11	45501 DERR_T2	0	1	1	0	0	0	-0.2	-0.2	1	1	0	600	600	0
12/25/2023 16:12	45502 DERR_T2	0	1	1	0	0	0	0	0	0	0	0	0	0	0
12/25/2023 16:13	45502 DERR_T2	0	1	1	0	0	0	0	0	0	0	0	0	0	0
12/25/2023 16:29	65001 NEFF_T2	32	7	-25	0.12	0.14	0.02	-1.48	-1.47	1	1	0	1200	1200	0
12/25/2023 16:36	15001 BLMO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/25/2023 17:16	65001 NEFF_T2	89	172	83	0.16	0.2	0.04	-1.44	-1.45	1	1	0	1200	1200	0
12/25/2023 17:19	57401 SPAN_T1	0	1	1	0	0.1	0.1	0	0	0	0	0	0	0	0
12/25/2023 18:13	59402 RFLD_T2	0	2	2	0	0	0	-0.83	-0.83	1	1	0	450	450	0
12/25/2023 18:27	12505 MITR_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/25/2023 18:30	29401 BELT_T1	11	7	-4	0.11	0.11	0	0	0	0	0	0	0	0	0
12/25/2023 18:30	16402 MOPO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/25/2023 18:30	65003 NEFF_T2	4	4	0	0.13	0.18	0.05	0	0	0	0	0	0	0	0
12/25/2023 18:30	28805 LAKE_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/25/2023 18:32	13302 ORVI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/25/2023 18:33	16302 ALPA_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/25/2023 18:34	27502 WEIS_T2	0	0	0	0	0	0	-0.62	-0.64	0	0	0	0	0	0
12/25/2023 18:35	13302 ORVI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/25/2023 18:35	62604 ENGL_T1	1	1	0	0.6	0.6	0	0	0	0	0	0	0	0	0
12/25/2023 18:35	14403 SSLA_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/25/2023 18:35	14801 TREI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/25/2023 18:36	12701 MACU_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/25/2023 18:36	51002 NHAR_T1	1	6	5	2	0.43	-1.57	0	0	0	0	0	0	0	0
12/25/2023 18:36	13302 ORVI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/25/2023 18:37	13503 MCMI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/25/2023 18:38	29402 BELT_T1	1	1	0	6.8	6.7	-0.1	0	0	0	0	0	0	0	0
12/25/2023 18:38	13503 MCMI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/25/2023 18:38	40101 HUNT_T2	0	0	0	0	0	0	-0.61	-0.62	0	0	0	0	0	0
12/25/2023 18:38	16302 ALPA_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/25/2023 18:38	16402 MOPO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/25/2023 18:39	16302 ALPA_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/25/2023 18:39	64204 KINZ_T1	1	1	0	0.7	1.1	0.4	0	0	0	0	0	0	0	0
12/25/2023 18:39	14705 TREX_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/25/2023 18:39	44201 POIN_T1	0	8	8	0	0.1	0.1	-2.23	-2.23	1	1	0	900	900	0
12/25/2023 18:39	60801 BUCK_T1	0	11	11	0	0	0	0	0	0	0	0	0	0	0
12/25/2023 18:39	47401 PENS_T1	0	0	0	0	0	0	1.2	1.21	0	0	0	0	0	0
12/25/2023 18:39	65804 RTWN_T1	0	0	0	0	0	0	-0.33	-0.27	1	1	0	600	600	0
12/25/2023 18:39	60305 TWVA_T2	0	0	0	0	0	0	-1.57	-1.59	2	2	0	2400	2400	0
12/25/2023 18:39	13302 ORVI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/25/2023 18:39	67503 WEWI_T2	0	0	0	0	0	0	-0.36	-0.36	0	0	0	0	0	0
12/25/2023 18:39	28805 LAKE_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/25/2023 18:40	44901 SCOT_T2	0	0	0	0	0	0	-0.72	-0.69	0	0	0	0	0	0
12/25/2023 18:40	51101 CARL_T1	0	5	5	0	0	0	0	0	0	0	0	0	0	0
12/25/2023 18:40	47802 MOCA_T2	0	0	0	0	0	0	0.35	0.36	0	0	0	0	0	0
12/25/2023 18:40	61303 EARL_T1	0	0	0	0	0	0	0.04	0.03	0	0	0	0	0	0
12/25/2023 18:40	47001 HUGH_T2	0	0	0	0	0	0	-0.8	-0.85	0	0	0	0	0	0
12/25/2023 18:40	45501 DERR_T2	0	0	0	0	0	0	-0.03	-0.04	1	1	0	600	600	0
12/25/2023 18:40	14403 SSLA_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/25/2023 18:40	40505 CRES_T1	0	0	0	0	0	0	0.78	0.84	0	0	0	0	0	0
12/25/2023 18:40	40502 CRES_T2	8	8	0	0.51	0.59	0.08	0.13	0.11	0	0	0	0	0	0
12/25/2023 18:40	57303 MOAL_T2	1	1	0	7.1	7.3	0.2	0	0	0	0	0	0	0	0
12/25/2023 18:40	13302 ORVI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/25/2023 18:40	20403 ASHF_T2	0	1	1	0	0.9	0.9	0.22	0.23	0	0	0	0	0	0
12/25/2023 18:40	67002 STHI_T2	8	24	16	0.1	0.14	0.04	0.51	0.56	0	0	0	0	0	0
12/25/2023 18:40	67502 WEWI_T2	0	0	0	0	0	0	-0.49	-0.52	0	0	0	0	0	0
12/25/2023 18:40	44601 SALE_T2	0	0	0	0	0	0	-0.22	-0.24	0	0	0	0	0	0
12/25/2023 18:40	28403 HART_T2	0	0	0	0	0	0	-0.95	-0.93	1	1	0	900	900	0
12/25/2023 18:40	57403 SPAN_T1	5	2	-3	0.18	0.1	-0.08	0	0	0	0	0	0	0	0
12/25/2023 18:41	67303 WYOM_T2	0	0	0	0	0	0	-0.29	-0.28	0	0	0	0	0	0
12/25/2023 18:41	60201 ATGL_T2	0	0	0	0	0	0	0.01	0.1	0	0	0	0	0	0
12/25/2023 18:41	67001 STHI_T2	31	195	164	0.12	0.13	0.01	0	0	0	0	0	0	0	0
12/25/2023 18:41	47403 PENS_T1	1	1	0	2.6	2.6	0	0	0	0	0	0	0	0	0
12/25/2023 18:41	64201 KINZ_T1	251	306	55	0.3	0.39	0.09	0.74	0.8	2	2	0	600	600	0
12/25/2023 18:41	64301 LINC_T1	0	0	0	0	0	0	0.13	0.12	0	0	0	0	0	0
12/25/2023 18:41	52004 LING_T2	0	0	0	0	0	0	0.18	0.16	0	0	0	0	0	0
12/25/2023 18:41	42801 SELI_T1	1	1	0	0	0	0	0	0	0	0	0	0	0	0
12/25/2023 18:41	49803 UNIV_T1	0	0	0	0	0	0	-1.33	-1.31	0	0	0	0	0	0
12/25/2023 18:41	67502 WEWI_T2	0	0	0	0	0	0	-0.49	-0.52	0	0	0	0	0	0
12/25/2023 18:42	41801 GOCI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/25/2023 18:42	55002 NEWP_T1	6	6	0	0.83	1	0.17	-0.26	-0.25	0	0	0	0	0	0
12/25/2023 18:42	42503 ALTA_T2	0	0	0	0	0	0	-0.67	-0.68	0	0	0	0	0	0
12/25/2023 18:42	57403 SPAN_T1	5	2	-3	0.18	0.1	-0.08	0.05	0.05	0	0	0	0	0	0
12/25/2023 18:42	64201 KINZ_T1	251	306	55	0.3	0.39	0.09	0.37	0.4	1	1	0	300	300	0
12/25/2023 18:42	42002 MNVL_T2	1	1	0	10	10	0	0	0	0	0	0	0	0	0
12/25/2023 18:42	51101 CARL_T1	0	5	5	0	0	0	0	0	0	0	0	0	0	0
12/25/2023 18:42	67002 STHI_T2	8	24	16	0.1	0.14	0.04	0.51	0.56	0	0	0	0	0	0
12/25/2023 18:42	52006 LING_T2	2	2	0	0.15	0.25	0.1	0	0	0	0	0	0	0	0
12/25/2023 18:42	40504 CRES_T1	0	0	0	0	0	0	-0.64	-0.65	0	0	0	0	0	0
12/25/2023 18:42	59102 WALK_T2	29	61	32	0.23	0.27	0.04	0	0	0	0	0	0	0	0
12/25/2023 18:42	24801 VALM_T1	0	0	0	0	0	0	-0.4	-0.39	0	0	0	0	0	0
12/25/2023 18:42	40502 CRES_T2	8	8	0	0.51	0.59	0.08	0.04	0.04	0	0	0	0	0	0
12/25/2023 18:42	51604 DUKE_T2	9	11	2	0.16	0.15	-0.01	-1.72	-1.7	1	1	0	900	900	0
12/25/2023 18:42	40201 BEGA_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/25/2023 18:42	43402 BENT_T1	0	0	0	0	0	0	-0.95	-0.95	1	1	0	900	900	0
12/25/2023 18:43	61303 EARL_T1	0	0	0	0	0	0	0.04	0.03	0	0	0	0	0	0
12/25/2023 18:43	64204 KINZ_T1	1	1	0	0.7	1.1	0.4	0	0	0	0	0	0	0	0
12/25/2023 18:43	64101 REFR_T1	0	0	0	0	0	0	0.06	0.03	0	0	0	0	0	0
12/25/2023 18:43	51107 CARL_T1	5	11	6	0.52	0.12	-0.4	-0.47	-0.41	0	0	0	0	0	0
12/25/2023 18:43	60701 BREC_T1	0	0	0	0	0	0	0.04	0.03	0	0	0	0	0	0
12/25/2023 18:43	53903 HALI_T2	2	2	0	1.1	1.35	0.25	-0.13	-0.12	0	0	0	0	0	0
12/25/2023 18:43	46003 BERW_T2	1	1	0	1.4	1.8	0.4	0	0	0	0	0	0	0	0
12/25/2023 18:43	46001 BERW_T1	0	0	0	0	0	0	0.5	0.52	0	0	0	0	0	0
12/25/2023 18:43	67103 SPRI_T1	0	1	1	0	0	0	0.4	0.37	0	0	0	0	0	0
12/25/2023 18:43	67002 STHI_T2	8	24	16	0.1	0.14	0.04	0.51	0.56	0	0	0	0	0	0
12/25/2023 18:43	12701 MACU_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/25/2023 18:43	44901 SCOT_T2	0	0	0	0	0	0	-0.72	-0.69	0	0	0	0	0	0
12/25/2023 18:44	44901 SCOT_T2	0	0	0	0	0	0	-0.72	-0.69	0	0	0	0	0	0
12/25/2023 18:44	52101 MEIS_T1	0	1	1	0	0.2	0.2	0	0	0	0	0	0	0	0
12/25/2023 18:44	61102 BERK_T5	1	1	0	1.3	0	-1.3	0	0	0	0	0	0	0	0
12/25/2023 18:44	57401 SPAN_T1	2	1	-1	0.25	0.2	-0.05	-1.18	-1.18	1	1	0	600	600	0
12/25/2023 18:44	66505 SMAN_T2	0	2	2	0	0.15	0.15	0	0	0	0	0	0	0	0
12/25/2023 18:44	57401 SPAN_T1	2	1	-1	0.25	0.2	-0.05	-1.18	-1.18	1	1	0	600	600	0
12/25/2023 18:44	60501 NMAN_T2	40	34	-6	0.61	0.69	0.08	0	0	0	0	0	0	0	0
12/25/2023 18:44	40502 CRES_T2	8	8	0	0.51	0.59	0.08	0.26	0.21	0	0	0	0	0	0
12/25/2023 18:44	47403 PENS_T1	1	1	0	2.6	2.6	0	0	0	0	0	0	0	0	0
12/25/2023 18:44	40101 HUNT_T2	0	0	0	0	0	0	-0.61	-0.62	0	0	0	0	0	0
12/25/2023 18:44	61306 EARL_T1	1	4	3	0.1	0.13	0.03	0	0	0	0	0	0	0	0
12/25/2023 18:44	12701 MACU_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/25/2023 18:44	62604 ENGL_T1	1	1	0	0.6	0.6	0	0.13	0.13	0	0	0	0	0	0
12/25/2023 18:44	41601 CLEV_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/25/2023 18:44	55002 NEWP_T1	6	6	0	0.83	1	0.17	-0.26	-0.25	0	0	0	0	0	0
12/25/2023 18:44	56802 BENV_T2	36	102	66	0.21	0.21	0	-1.49	-1.49	0	0	0	0	0	0
12/25/2023 18:44	67605 WARW_T1	27	40	13	0.31	0.32	0.01	-1.29	-1.24	0	0	0	0	0	0
12/25/2023 18:44	51003 NHAR_T1	102	169	67	0.14	0.2	0.06	0	0	0	0	0	0	0	0
12/25/2023 18:44	45503 DERR_T2	0	0	0	0	0	0	-0.12	-0.16	4	4	0	2400	2400	0
12/25/2023 18:44	48902 FOSP_T2	0	0	0	0	0	0	0	-0.44	-0.43	0	0	0	0	0
12/25/2023 18:44	46001 BERW_T1	0	0	0	0	0	0	0.5	0.52	0	0	0	0	0	0
12/25/2023 18:44	59202 THOM_T1	286	315	29	0.45	0.52	0.07	0	0	0	0	0	0	0	0
12/25/2023 18:44	13302 ORVI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/25/2023 18:45	60904 DONG_T2	35	42	7	0.21	0.18	-0.03	0	0	0	0	0	0	0	0
12/25/2023 18:45	42902 MIDD_T2	0	2	2	0	0	0	-1.35	-1.36	1	1	0	600	600	0
12/25/2023 18:45	61103 BERK_T5	1	0	-1	0.4	0	-0.4	0	0	0	0	0	0	0	0
12/25/2023 18:45	42802 SELI_T1	0	0	0	0	0	0	-1.29	-1.29	0	0	0	0	0	0
12/25/2023 18:45	65502 MOJO_T2	414	437	23	0.5	0.48	-0.02	0	0	0	0	0	0	0	0
12/25/2023 18:45	54204 PENN_T2	2	2	0	0.5	0.45	-0.05	0	0	0	0	0	0	0	0
12/25/2023 18:45	59402 RFLD_T2	0	0	0	0	0	0	-0.84	-0.83	1	1	0	450	450	0
12/25/2023 18:45	59302 MCAL_T1	1	1	0	1.3	1.3	0	-0.49	-0.52	1	1	0	600	600	0
12/25/2023 18:45	63401 HONY_T1	0	0	0	0	0	0	-0.03	-0.02	0	0	0	0	0	0
12/25/2023 18:45	52403 GRPA_T2	0	0	0	0	0	0	0.02	0.01

Appendix C - Grid Benefits Achieved in Each Instance of Active Management

12/25/2023 18:46	48302 ORWI_T2	3	3	0	0.8	0.77	-0.03	0	0	0	0	0	0	0	0
12/25/2023 18:46	56802 BENV_T2	57	112	55	0.22	0.22	0	-1.49	-1.49	0	0	0	0	0	0
12/25/2023 18:47	59101 WALK_T2	2	2	0	0.1	0.2	0.1	-0.71	-0.71	0	0	0	0	0	0
12/25/2023 18:47	12701 MACU_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/25/2023 18:47	58401 MORO_T1	0	1	1	0	0	0	0	0	0	0	0	0	0	0
12/25/2023 18:47	59003 MIFF_T1	1	1	0	0.1	0.3	0.2	0.31	0.34	0	0	0	0	0	0
12/25/2023 18:47	59302 MCAL_T1	1	1	0	1.3	1.3	0	0	0	0	0	0	0	0	0
12/25/2023 18:47	58003 WCAR_T1	1	1	0	1.8	1.9	0.1	0.5	0.52	0	0	0	0	0	0
12/25/2023 18:47	43001 ALWD_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/25/2023 18:47	47403 PENS_T1	1	1	0	2.6	2.6	0	0	0	0	0	0	0	0	0
12/25/2023 18:47	56802 BENV_T2	57	112	55	0.22	0.22	0	-7.47	-7.43	0	0	0	0	0	0
12/25/2023 18:47	52403 GRPA_T2	0	0	0	0	0	0	0.02	0.01	0	0	0	0	0	0
12/25/2023 18:47	60801 BUCK_T1	0	11	11	0	8.58	8.58	-0.2	-0.17	0	0	0	0	0	0
12/25/2023 18:47	55002 NEWP_T1	6	6	0	0.83	1	0.17	-0.26	-0.25	0	0	0	0	0	0
12/25/2023 18:47	16603 POND_T2	0	0	0	0	0	0	-0.11	-0.22	1	1	0	1200	1200	0
12/25/2023 18:47	54505 ENOL_T2	1	1	0	0.9	1	0.1	-1.32	-1.34	1	1	0	600	600	0
12/25/2023 18:48	66902 SHIL_T2	2	0	-2	1.15	0	-1.15	0	0	0	0	0	0	0	0
12/25/2023 18:48	42201 SHEN_T2	0	0	0	0	0	0	0.35	0.37	0	0	0	0	0	0
12/25/2023 18:48	67503 WEWI_T2	0	0	0	0	0	0	-0.36	-0.36	0	0	0	0	0	0
12/25/2023 18:48	40505 CRES_T1	0	0	0	0	0	0	1.56	1.68	0	0	0	0	0	0
12/25/2023 18:48	59202 THOM_T1	297	322	25	0.45	0.54	0.09	0	0	0	0	0	0	0	0
12/25/2023 18:48	67502 WEWI_T2	0	0	0	0	0	0	-0.49	-0.52	0	0	0	0	0	0
12/25/2023 18:48	40501 CRES_T2	8	8	0	0.33	0.33	0	0	0	0	0	0	0	0	0
12/25/2023 18:48	47403 PENS_T1	1	1	0	2.6	2.6	0	0	0	0	0	0	0	0	0
12/25/2023 18:48	62604 ENGL_T1	1	1	0	0.6	0.6	0	0.13	0.13	0	0	0	0	0	0
12/25/2023 18:48	40101 HUNT_T2	0	0	0	0	0	0	-0.61	-0.62	0	0	0	0	0	0
12/25/2023 18:48	40201 BEGA_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/25/2023 18:48	40505 CRES_T1	0	0	0	0	0	0	1.56	1.68	0	0	0	0	0	0
12/25/2023 18:48	41601 CLEV_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/25/2023 18:48	14403 SSLA_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/25/2023 18:48	52402 GRPA_T2	4	4	0	0.88	1.23	0.35	-0.68	-0.7	0	0	0	0	0	0
12/25/2023 18:48	60201 ATGL_T2	0	0	0	0	0	0	0.01	0.1	0	0	0	0	0	0
12/25/2023 18:48	56802 BENV_T2	57	112	55	0.22	0.22	0	-1.49	-1.49	0	0	0	0	0	0
12/25/2023 18:48	53501 EVIL_T2	5	5	0	0.48	0.35	-0.13	0	0	0	0	0	0	0	0
12/25/2023 18:48	58003 WCAR_T1	1	1	0	1.8	1.9	0.1	0.5	0.52	0	0	0	0	0	0
12/25/2023 18:48	56501 ROCK_T2	1	1	0	0.5	0	-0.5	-1.05	-1.02	0	0	0	0	0	0
12/25/2023 18:48	40602 PIGR_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/25/2023 18:48	42701 AUGU_T1	1	2	1	0.6	0.8	0.2	0	0	2	2	0	1200	1200	0
12/25/2023 18:49	62607 ENGL_T1	0	1	1	0	0	0	0	0	0	0	0	0	0	0
12/25/2023 18:49	56504 ROCK_T2	0	0	0	0	0	0	-0.46	-0.43	0	0	0	0	0	0
12/25/2023 18:49	50504 MECH_T1	4	1	-3	0.1	0.1	0	0	0	0	0	0	0	0	0
12/25/2023 18:49	42902 MIDD_T2	0	2	2	0	0	0	0	0	0	0	0	0	0	0
12/25/2023 18:49	67605 WARW_T1	29	39	10	0.26	0.35	0.09	-1.29	-1.24	0	0	0	0	0	0
12/25/2023 18:49	56801 BENV_T1	16	9	-7	0.36	0.49	0.13	-0.78	-0.79	1	1	0	600	600	0
12/25/2023 18:49	50502 MECH_T1	1	1	0	2.7	2.7	0	0	0	0	0	0	0	0	0
12/25/2023 18:49	56501 ROCK_T2	1	1	0	0.5	0	-0.5	-2.11	-2.05	0	0	0	0	0	0
12/25/2023 18:49	42701 AUGU_T1	1	2	1	0.6	0.8	0.2	0	0	1	1	0	600	600	0
12/25/2023 18:49	47401 PENS_T1	0	0	0	0	0	0	0.6	0.61	0	0	0	0	0	0
12/25/2023 18:49	60701 BREC_T1	0	0	0	0	0	0	0.04	0.03	0	0	0	0	0	0
12/25/2023 18:49	59402 RFLD_T2	0	0	0	0	0	0	-0.84	-0.83	1	1	0	450	450	0
12/25/2023 18:49	67502 WEWI_T2	0	0	0	0	0	0	-0.98	-1.04	0	0	0	0	0	0
12/25/2023 18:49	64101 REFR_T1	0	0	0	0	0	0	0.06	0.03	0	0	0	0	0	0
12/25/2023 18:50	61303 EARL_T1	0	0	0	0	0	0	0.04	0.03	0	0	0	0	0	0
12/25/2023 18:50	61103 BERK_T5	1	0	-1	0.4	0	-0.4	0	0	0	0	0	0	0	0
12/25/2023 18:50	51101 CARL_T1	4	2	-2	0.58	0	-0.58	0	0	0	0	0	0	0	0
12/25/2023 18:50	64101 REFR_T1	0	0	0	0	0	0	0.06	0.03	0	0	0	0	0	0
12/25/2023 18:50	55002 NEWP_T1	6	6	0	0.83	1	0.17	-0.26	-0.25	0	0	0	0	0	0
12/25/2023 18:50	40101 HUNT_T2	0	0	0	0	0	0	-0.61	-0.62	0	0	0	0	0	0
12/25/2023 18:50	60201 ATGL_T2	0	0	0	0	0	0	0.01	0.1	0	0	0	0	0	0
12/25/2023 18:50	46801 HEPB_T2	0	0	0	0	0	0	0.52	0.53	0	0	0	0	0	0
12/25/2023 18:50	62604 ENGL_T1	1	1	0	0.6	0.6	0	0.13	0.13	0	0	0	0	0	0
12/25/2023 18:50	66702 STRA_T1	0	0	0	0	0	0	-0.83	-0.83	1	1	0	900	900	0
12/25/2023 18:50	47401 PENS_T1	0	0	0	0	0	0	0.6	0.61	0	0	0	0	0	0
12/25/2023 18:50	60904 DONG_T2	35	42	7	0.21	0.18	-0.03	0	0	0	0	0	0	0	0
12/25/2023 18:50	42201 SHEN_T2	0	0	0	0	0	0	0.35	0.37	0	0	0	0	0	0
12/25/2023 18:50	51604 DUKE_T2	9	12	3	0.14	0.14	0	-1.72	-1.7	1	1	0	900	900	0
12/25/2023 18:50	54505 ENOL_T2	1	1	0	0.9	1	0.1	0	0	0	0	0	0	0	0
12/25/2023 18:50	56802 BENV_T2	57	112	55	0.22	0.22	0	-2.99	-2.97	0	0	0	0	0	0
12/25/2023 18:50	40501 CRES_T2	8	8	0	0.33	0.33	0	0	0	0	0	0	0	0	0
12/25/2023 18:50	60701 BREC_T1	0	0	0	0	0	0	0.04	0.03	0	0	0	0	0	0
12/25/2023 18:50	45501 DERR_T2	0	1	1	0	0	0	-0.03	-0.04	1	1	0	600	600	0
12/25/2023 18:50	61801 EEU_T2	0	0	0	0	0	0	-0.57	-0.55	0	0	0	0	0	0
12/25/2023 18:50	58001 WCAR_T1	4	4	0	1.3	1	-0.3	0	0	0	0	0	0	0	0
12/25/2023 18:51	56501 ROCK_T2	1	1	0	0.5	0	-0.5	-2.11	-2.05	0	0	0	0	0	0
12/25/2023 18:51	58402 MORO_T1	0	0	0	0	0	0	-0.4	-0.38	2	2	0	1500	1500	0
12/25/2023 18:51	54505 ENOL_T2	1	1	0	0.9	1	0.1	0	0	0	0	0	0	0	0
12/25/2023 18:51	50504 MECH_T1	4	1	-3	0.1	0.1	0	0	0	0	0	0	0	0	0
12/25/2023 18:51	58003 WCAR_T1	1	1	0	1.8	1.9	0.1	0.5	0.52	0	0	0	0	0	0
12/25/2023 18:51	56802 BENV_T2	57	112	55	0.22	0.22	0	-1.49	-1.49	0	0	0	0	0	0
12/25/2023 18:51	60602 NCOL_T2	2	0	-2	0.1	0	-0.1	0	0	0	0	0	0	0	0
12/25/2023 18:51	45402 WBLO_T2	0	0	0	0	0	0	-0.81	-0.81	0	0	0	0	0	0
12/25/2023 18:51	56501 ROCK_T2	1	1	0	0.5	0	-0.5	-2.11	-2.05	0	0	0	0	0	0
12/25/2023 18:51	43402 BENT_T1	0	0	0	0	0	0	-0.95	-0.95	1	1	0	900	900	0
12/25/2023 18:52	40101 HUNT_T2	0	0	0	0	0	0	-0.61	-0.62	0	0	0	0	0	0
12/25/2023 18:52	57401 SPAN_T1	0	2	2	0	0.2	0.2	0	0	0	0	0	0	0	0
12/25/2023 18:52	42801 SEU_T1	1	1	0	0	0	0	0	0	0	0	0	0	0	0
12/25/2023 18:52	67401 WAKE_T2	0	0	0	0	0	0	-0.98	-1.01	0	0	0	0	0	0
12/25/2023 18:52	41901 REED_T1	10	11	1	0.75	0.79	0.04	0	0	0	0	0	0	0	0
12/25/2023 18:52	41801 GOCI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/25/2023 18:52	40503 CRES_T2	8	15	7	0.55	0.35	-0.2	0.04	0.04	0	0	0	0	0	0
12/25/2023 18:52	67503 WEWI_T2	0	0	0	0	0	0	-0.36	-0.36	0	0	0	0	0	0
12/25/2023 18:52	44201 POIN_T1	4	17	13	0.1	0.13	0.03	-2.23	-2.23	1	1	0	900	900	0
12/25/2023 18:52	52403 GRPA_T2	0	0	0	0	0	0	0.04	0.02	0	0	0	0	0	0
12/25/2023 18:52	43001 ALWD_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/25/2023 18:52	40505 CRES_T1	0	0	0	0	0	0	1.17	1.26	0	0	0	0	0	0
12/25/2023 18:52	64101 REFR_T1	0	0	0	0	0	0	0.06	0.03	0	0	0	0	0	0
12/25/2023 18:52	45402 WBLO_T2	0	0	0	0	0	0	-0.81	-0.81	0	0	0	0	0	0
12/25/2023 18:53	58401 MORO_T1	0	1	1	0	0	0	0	0	0	0	0	0	0	0
12/25/2023 18:53	56504 ROCK_T2	0	0	0	0	0	0	-0.46	-0.43	0	0	0	0	0	0
12/25/2023 18:53	65804 RTWN_T1	0	0	0	0	0	0	-0.33	-0.27	1	1	0	600	600	0
12/25/2023 18:53	50506 MECH_T1	0	0	0	0	0	0	-0.22	-0.25	0	0	0	0	0	0
12/25/2023 18:53	56802 BENV_T2	57	112	55	0.22	0.22	0	-2.99	-2.97	0	0	0	0	0	0
12/25/2023 18:53	62607 ENGL_T1	0	1	1	0	0	0	0	0	0	0	0	0	0	0
12/25/2023 18:53	54505 ENOL_T2	1	1	0	0.9	1	0.1	-1.32	-1.34	1	1	0	600	600	0
12/25/2023 18:53	52101 MEIS_T1	1	1	0	0.1	0.2	0.1	0	0	0	0	0	0	0	0
12/25/2023 18:54	41902 REED_T1	0	3	3	0	0.15	0.15	1.68	1.77	0	0	0	0	0	0
12/25/2023 18:54	57401 SPAN_T1	0	2	2	0	0.2	0.2	0	0	0	0	0	0	0	0
12/25/2023 18:54	64101 REFR_T1	0	0	0	0	0	0	0.03	0.03	0	0	0	0	0	0
12/25/2023 18:54	67401 WAKE_T2	0	0	0	0	0	0	-1.01	-1.03	0	0	0	0	0	0
12/25/2023 18:54	64802 MONE_T2	0	0	0	0	0	0	0.22	0.2	0	0	0	0	0	0
12/25/2023 18:54	45303 WBER_T2	8	8	0	0.24	0.35	0.11	-0.31	-0.3	0	0	0	0	0	0
12/25/2023 18:54	45501 DERR_T2	0	1	1	0	0	0	-0.04	-0.06	1	1	0	600	600	0
12/25/2023 18:54	40602 PIGR_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/25/2023 18:54	52501 PROG_T1	0	0	0	0	0	0	0.2	0.24	1	1	0	300	300	0
12/25/2023 18:54	67402 WAKE_T2	0	0	0	0	0	0	0.17	0.17	0	0	0	0	0	0
12/25/2023 18:54	40902 JESH_T1	0	0	0	0	0	0	-0.83	-0.83	0	0	0	0	0	0
12/25/2023 18:55	54505 ENOL_T2	1	1	0	0.9	1	0.1	0	0	0	0	0	0	0	0
12/25/2023 18:55	53901 HALI_T2	1	0	-1	0.1	0	-0.1	0	0	0	0	0	0	0	0
12/25/2023 18:55	65003 NEFF_T2	4	4	0	0.18	0.13	-0.05	0	0	0	0	0	0	0	0
12/25/2023 18:55	52102 MEIS_T1	189	178	-11	0.44	0.39	-0.05	0	0	0	0	0	0	0	0
12/25/2023 18:55	52402 GRPA_T2	4	4	0	0.88	1.23	0.35	-0.7	-0.71	0	0	0	0	0	0
12/25/2023 18:55	65804 RTWN_T1	0	0	0	0	0	0	-0.27	-0.27	1	1	0	600	600	0
12/25/2023 18:55	67503 WEWI_T2	0	0	0	0	0	0	-0.36	-0.36	0	0	0	0	0	0
12/25/2023 18:56	61801 EEU_T2	0	0	0	0	0	0	-0.27	-0.27	0	0	0	0	0	0
12/25/2023 18:56	65902 SAKR_T2	0	0	0	0	0	0	-0.11	-0.13	0	0	0	0	0	0
12/25/2023 18:56	59402 RFLD_T2	0	0	0	0	0	0	-0.83	-0.83	1	1	0	450	450	0
12/25/2023 18:56	56802 BENV_T2	57	112	55	0.22	0.22	0	-1.49	-1.48	0	0	0	0	0	0
12/25/2023 18:56	59101 WALK_T2	2	2	0	0.1	0.2	0.1	-0.71	-0.73	0	0	0	0	0	0
12/25/2023 18:56	59102 WALK_T2	37	71	34	0.21	0.3	0.09	0.24	0.25	0	0	0	0	0	0
12/25/2023 18:57	54505 ENOL_T2	1	1	0	0.9	1	0.1	-1.34	-1.3	1	1	0	600	600	0
12/25/2023 18:57	50506 MECH_T1	0	0	0	0	0	0	-0.25	-0.24	0	0	0	0	0	0
12/25/2023 18:57	52102 MEIS_T1	189	178	-11	0.44	0.39	-0.05	0	0	0	0	0	0	0	0
12/25/2023 18:57	54503 ENOL_T2	0	0	0	0	0	0	-0.4	-0.44	1	1	0	600	600	0
12/25/2023 18:57	57401 SPAN_T1	0	2	2	0	0.2	0.2	-1.18	-1.17	1	1	0	600	600	0
12/25/2023 18:57	52403 GRPA_T2	0	0	0	0	0	0	0.01	0.02	0	0	0	0	0	0
12/25/2023 18:57	56801 BENV_T1	16	9	-7	0.36	0.49	0.13	-0.79	-0.78	1	1	0	600	600	0
12/25/2023 18:57	56501 ROCK_T2	1	1	0	0.5	0	-0.5	-1.02	-1.03	0	0	0	0	0	0
12/25/2023 18:57	64101 REFR_T1	0	0	0	0	0	0	0.07	0.05	0	0	0	0	0	0
12/25/2023 18:58	50502 MECH_T1	1	1	0	2.7	2.7	0	0	0	0	0	0	0	0	0
12/25/2023 18:58	55002 NEWP_T1	6	6	0	0.83	1	0.17	-0.25	-0.25	0	0	0	0	0	0
12/25/2023 18:58	67605 WARW_T1	29	39	10	0.26	0.35	0.09	-1.24	-1.27	0	0	0	0	0	0
12/25/2023 18:58	52102 MEIS_T1	189	178	-11	0.44	0.39	-0.05	0	0	0	0	0	0	0	0
12/25/2023 18:58	60604 NCOL_T2	0	0	0	0	0	0	0.29	0.27	0	0	0	0	0	0
12/25/2023 18:58	60901 DONG_T2	44	33	-11	0.15	0.14	-0.01	0	0	0	0	0	0	0	0
12/25/2023 18:58	40101 HUNT_T2	0	0	0	0	0	0	-0.62	-0.63	0	0	0	0	0	0
12/25/2023 18:59	66703 STRA_T1	0	0	0	0	0	0	-0.4	-0.4	0	0	0	0	0	0
12/25/2023 19:00	64101 REFR_T1	0	0	0	0	0	0	0.03	0.03	0	0	0	0	0	0
12/25/2023 19:06	16603 POND_T2	0	0	0	0	0	0	-0.22	-0.14	1	1	0	1200	1200	0
12/25/2023 19:07	16603 POND_T2	0	0	0	0	0	0	-0.22	-0.14	1	1	0	1200	1200	0
12/25/2023 19:11	52102 MEIS_T1	178	134	-44	0.39	0.21	-0.18	0	0	0	0	0	0	0	0
12/25/2023 19:11	56802 BENV_T2	95	125	30	0.22	0.24	0.02	-1.48	-1.51	0	0	0	0	0	0
12/25/2023 19:12	54502 ENOL_T2	0	0	0	0	0	0	-1.28	-1.31	0	0	0	0	0	0
12/25/2023 19:12	65003 NEFF_T2	4	4	0	0.13	0.2	0.07	0	0	0	0	0	0	0	0
12/25/2023 19:17	67605 WARW_T1	33	50	17	0.35	0.36	0.01	-1.27	-1.32	0	0	0	0	0	0
12/25/2023 19:18	67605 WARW_T1	33	50	17	0.35	0.36	0.01	-1.27	-1.32	0	0	0	0	0	0
12/25/2023 19:25	67503 WEWI_T2	0	0	0	0	0	0	-0.38	-0.32	0	0	0	0	0	0
12/25/2023 19:26	16603 POND_T2	0	0	0	0	0	0	-0.26	-0.16	1	1	0	1200	1200	0
12/25/2023 19:27	16603 POND_T2	0	0	0	0	0	0	-0.26	-0.16	1	1	0	1200	1200	0
12/25/2023 19:30	56802 BENV_T2	122	169	47	0.24	0.24	0	-1.51	-1.49	0	0	0	0	0	0
12/25/2023 19:36	57404 SPAN_T2	0	0	0	0	0	0	-0.37	-0.36	1	1	0	1200	1200	0
12/25/2023 19:37	67605 WARW_T1	47	51	4	0.33	0.36	0.03	-1.32	-1.28	0	0	0	0	0	0
12/25/2023 19:38	67605 WARW_T1	47	51	4	0.33	0.36	0.03	-1.32	-1.28	0	0	0	0	0	0
12/25/2023 19:46	16603 POND_T2	0	0	0	0	0	0	-0.16	-0.16	1	1	0	1200	1200	0
12/25/2023 19:47	16603 POND_T2	0	0	0	0	0	0	-0.16	-0.16	1	1	0	1200	1200	0
12/25/2023 19:48	40101 HUNT_T2	0	0	0	0	0	0	-0.64	-0.66	0	0	0	0	0	0
12/25/2023 19:49	65003 NEFF_T2	3	1	-2	0.13	0.1	-0.03	0	0	0	0	0	0	0	0
12/25/2023 19:52	52006 LING_T2	2	1	-1	0.15	0.2	0.05	0	0	0	0	0	0	0	0
12/25/2023 20:06	16603 POND_T2	0	0	0	0	0	0	-0.16	-0.21	1	1	0	1200	1200	0
12/25/2023 20:07	16603 POND_T2	0	0	0	0	0	0	-0.16	-0.21	1	1	0	1200	1200	0
12/25/2023 20:15	65003 NEFF_T2	0	2	2	0	0.1	0.1	0	0	0	0	0	0	0	0
12/25/2023 20:26	16603 POND_T2	0	0	0	0	0	0	-0.16	-0.19	1	1	0	1200	1200	0
12/25/2023 20:27	16603 POND_T2	0	0	0	0	0	0	-0.16	-0.19	1	1	0	1200	1200	0
12/25/2023 20:46	16603 POND_T2	0	0	0	0	0	0	-0.19	-0.24	1	1	0	1200	1200	0
12/25/2023 20:47	16603 POND_T2	0	0	0	0	0	0	-0.19	-0.24	1	1	0	1200	1200	0
12/25/2023 20:57	65001 NEFF_T2	209	225	16	0.25	0.29	0.04	-1.4	-1.46	1	1	0	1200	1200	0
12/25/2023 21:06	16603 POND_T2	0	0	0	0	0	0	-0.24	-0.16	1	1	0	1200	1200	0
12/25/2023 21:07	16603 POND_T2	0	0	0	0	0	0	-0.24	-0.16	1	1	0	1200	1200	0
12/25/2023 21:23	50503 MECH_T1	0	2	2	0	0.1	0.1	0	0	0	0	0	0	0	0
12/25/2023 21:24	60803 BUCK_T1	0	0	0	0	0	0	-0.93	-0.95	1	1	0	600	600	0
12/25/2023 21:26

12/26/2023 9:00	43402 BENT_T1	0	0	0	0	0	0	-0.71	-0.72	2	1	-1	1500	900	-600
12/26/2023 9:00	23401 HONE_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/26/2023 9:00	41901 REED_T1	11	11	0	0.64	0.78	0.14	0	0	0	0	0	0	0	0
12/26/2023 9:00	42201 SHEN_T2	0	0	0	0	0	0	0.33	0.33	0	0	0	0	0	0
12/26/2023 9:00	67503 WEWI_T2	1	1	0	1.9	0.9	-1	-0.23	-0.17	0	0	0	0	0	0
12/26/2023 9:00	55002 NEWP_T1	6	5	-1	0.68	0.5	-0.18	-0.23	-0.23	0	0	0	0	0	0
12/26/2023 9:00	27502 WEIS_T2	0	0	0	0	0	0	-0.61	-0.5	0	0	0	0	0	0
12/26/2023 9:01	46001 BERW_T1	0	0	0	0	0	0	0.92	0.91	0	0	0	0	0	0
12/26/2023 9:01	55002 NEWP_T1	6	5	-1	0.68	0.5	-0.18	-0.23	-0.23	0	0	0	0	0	0
12/26/2023 9:01	45702 LIND_T2	1	1	0	0.5	0.2	-0.3	-0.46	-0.46	0	0	0	0	0	0
12/26/2023 9:01	56801 BENV_T1	23	23	0	0.85	0.79	-0.06	-0.72	-0.72	1	1	0	600	600	0
12/26/2023 9:02	64801 MONE_T2	0	1	1	0	0	0	0.33	0.33	0	0	0	0	0	0
12/26/2023 9:02	60803 BUCK_T1	0	0	0	0	0	0	-1.46	-1.46	1	1	0	600	600	0
12/26/2023 9:06	20403 ASHF_T2	0	0	0	0	0	0	0.16	0.18	0	0	0	0	0	0
12/26/2023 9:07	46001 BERW_T1	0	0	0	0	0	0	0.92	0.91	0	0	0	0	0	0
12/26/2023 9:08	59101 WALK_T2	3	3	0	2.25	0	-2.25	0.68	0.86	0	0	0	0	0	0
12/26/2023 9:09	57403 SPAN_T1	0	0	0	0	0	0	0.12	0.12	0	0	0	0	0	0
12/26/2023 9:09	45501 DERR_T2	0	0	0	0	0	0	0.7	0.7	1	1	0	600	600	0
12/26/2023 9:10	20403 ASHF_T2	0	0	0	0	0	0	0.18	0.19	0	0	0	0	0	0
12/26/2023 9:12	40501 CRES_T2	1	0	-1	0.1	0	-0.1	0	0	0	0	0	0	0	0
12/26/2023 9:12	40101 HUNT_T2	0	1	1	0	0	0	-0.45	-0.42	0	0	0	0	0	0
12/26/2023 9:12	56801 BENV_T1	23	23	0	0.85	0.79	-0.06	-0.72	-0.72	1	1	0	600	600	0
12/26/2023 9:12	45501 DERR_T2	0	0	0	0	0	0	0.7	0.7	1	1	0	600	600	0
12/26/2023 9:12	53601 DALM_T2	1	1	0	0.3	0.5	0.2	0.29	0.28	0	0	0	0	0	0
12/26/2023 9:14	13503 MCMI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/26/2023 9:16	40101 HUNT_T2	0	1	1	0	0.3	0.3	-0.45	-0.42	0	0	0	0	0	0
12/26/2023 9:18	43202 MVIL_T2	0	0	0	0	0	0	-0.66	-0.66	0	0	0	0	0	0
12/26/2023 9:19	67103 SPRI_T1	0	0	0	0	0	0	-0.18	-0.17	0	0	0	0	0	0
12/26/2023 9:19	52102 MEIS_T1	0	0	0	0	0	0	0	0	2	2	0	900	900	0
12/26/2023 9:20	43202 MVIL_T2	0	0	0	0	0	0	-0.66	-0.66	0	0	0	0	0	0
12/26/2023 9:21	60305 TWVA_T2	0	0	0	0	0	0	-0.82	-0.83	2	2	0	2400	2400	0
12/26/2023 9:22	43402 BENT_T1	0	0	0	0	0	0	-1.44	-1.45	2	2	0	1800	1800	0
12/26/2023 9:22	67103 SPRI_T1	0	0	0	0	0	0	-0.35	-0.34	0	0	0	0	0	0
12/26/2023 9:24	29402 BELT_T1	1	1	0	6.7	6.8	0.1	0	0	0	0	0	0	0	0
12/26/2023 9:30	41801 GOCI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/26/2023 9:31	52403 GRPA_T2	3	1	-2	0.23	0	-0.23	0	0	0	0	0	0	0	0
12/26/2023 9:31	55002 NEWP_T1	5	6	1	0.36	0.67	0.31	-0.22	-0.22	0	0	0	0	0	0
12/26/2023 9:33	55002 NEWP_T1	5	6	1	0.36	0.67	0.31	-0.22	-0.22	0	0	0	0	0	0
12/26/2023 9:34	52102 MEIS_T1	0	0	0	0	0	0	0	0	1	1	0	450	450	0
12/26/2023 9:35	52102 MEIS_T1	0	0	0	0	0	0	0	0	1	1	0	450	450	0
12/26/2023 9:35	55002 NEWP_T1	5	6	1	0.36	0.67	0.31	-0.22	-0.22	0	0	0	0	0	0
12/26/2023 9:38	28604 BLYT_T2	0	0	0	0	0	0	-1.39	-1.39	0	0	0	0	0	0
12/26/2023 9:38	56802 BENV_T2	1	3	2	0.2	0.2	0	-1.41	-1.4	0	0	0	0	0	0
12/26/2023 9:38	49803 UNIV_T1	0	0	0	0	0	0	-1.12	-1.12	0	0	0	0	0	0
12/26/2023 9:39	56802 BENV_T2	1	3	2	0.2	0.2	0	-1.4	-1.4	0	0	0	0	0	0
12/26/2023 9:41	56802 BENV_T2	1	3	2	0.2	0.2	0	-1.4	-1.4	0	0	0	0	0	0
12/26/2023 9:42	56802 BENV_T2	1	3	2	0.2	0.2	0	-1.4	-1.4	0	0	0	0	0	0
12/26/2023 9:42	40502 CRES_T2	7	15	8	0.17	0.19	0.02	-0.18	-0.19	0	0	0	0	0	0
12/26/2023 9:47	11804 FRAN_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/26/2023 9:48	40502 CRES_T2	5	16	11	0.16	0.19	0.03	-0.09	-0.1	0	0	0	0	0	0
12/26/2023 9:48	41901 REED_T1	11	11	0	0.86	0.97	0.11	0	0	0	0	0	0	0	0
12/26/2023 9:49	56501 ROCK_T2	1	1	0	0.7	0.9	0.2	-0.88	-0.88	0	0	0	0	0	0
12/26/2023 9:50	41902 REED_T1	0	0	0	0	0	0	1.19	1.19	0	0	0	0	0	0
12/26/2023 9:50	40602 PIGR_T1	0	0	0	0	0	0	0	0	2	2	0	1200	1200	0
12/26/2023 9:51	49803 UNIV_T1	0	0	0	0	0	0	-1.12	-1.12	0	0	0	0	0	0
12/26/2023 9:52	40602 PIGR_T1	0	0	0	0	0	0	0	0	2	2	0	1200	1200	0
12/26/2023 9:52	29402 BELT_T1	1	1	0	6.6	6.3	-0.3	0	0	0	0	0	0	0	0
12/26/2023 9:52	56802 BENV_T2	1	4	3	0.3	0.33	0.03	-1.4	-1.4	0	0	0	0	0	0
12/26/2023 9:53	66504 SMAN_T2	0	0	0	0	0	0	-1.32	-1.34	0	0	0	0	0	0
12/26/2023 10:00	52403 GRPA_T2	0	0	0	0	0	0	0.05	0.05	0	0	0	0	0	0
12/26/2023 10:01	43201 MVIL_T2	0	0	0	0	0	0	-0.34	-0.35	0	0	0	0	0	0
12/26/2023 10:02	40602 PIGR_T1	0	0	0	0	0	0	0	0	1	1	0	600	600	0
12/26/2023 10:02	64101 REFR_T1	0	0	0	0	0	0	-0.11	-0.08	0	0	0	0	0	0
12/26/2023 10:03	52102 MEIS_T1	0	0	0	0	0	0	0	0	1	1	0	450	450	0
12/26/2023 10:03	55002 NEWP_T1	6	6	0	0.63	0.65	0.02	-0.22	-0.22	0	0	0	0	0	0
12/26/2023 10:03	64101 REFR_T1	0	0	0	0	0	0	-0.45	-0.31	0	0	0	0	0	0
12/26/2023 10:04	57304 MOAL_T2	0	0	0	0	0	0	-0.35	-0.35	0	0	0	0	0	0
12/26/2023 10:04	55002 NEWP_T1	6	6	0	0.63	0.65	0.02	-0.22	-0.22	0	0	0	0	0	0
12/26/2023 10:05	64101 REFR_T1	0	0	0	0	0	0	-0.11	-0.08	0	0	0	0	0	0
12/26/2023 10:05	57401 SPAN_T1	0	0	0	0	0	0	-3.09	-2.97	3	3	0	1800	1800	0
12/26/2023 10:05	53501 EVIL_T2	9	8	-1	0.67	1.58	0.91	-0.45	-0.48	0	0	0	0	0	0
12/26/2023 10:05	55002 NEWP_T1	6	6	0	0.63	0.65	0.02	-0.22	-0.22	0	0	0	0	0	0
12/26/2023 10:06	53501 EVIL_T2	9	8	-1	0.67	1.58	0.91	-0.45	-0.48	0	0	0	0	0	0
12/26/2023 10:06	40602 PIGR_T1	0	0	0	0	0	0	0	0	1	1	0	600	600	0
12/26/2023 10:06	67001 STHI_T2	1	214	213	0.5	0.11	-0.39	0	0	0	0	0	0	0	0
12/26/2023 10:06	55002 NEWP_T1	6	6	0	0.63	0.65	0.02	-0.22	-0.22	0	0	0	0	0	0
12/26/2023 10:07	67001 STHI_T2	1	214	213	0.5	0.11	-0.39	0	0	0	0	0	0	0	0
12/26/2023 10:07	64101 REFR_T1	0	0	0	0	0	0	-0.11	-0.08	0	0	0	0	0	0
12/26/2023 10:07	46004 BERW_T2	0	2	2	0	0	0	-0.72	-0.72	0	0	0	0	0	0
12/26/2023 10:07	53501 EVIL_T2	9	8	-1	0.67	1.58	0.91	-0.45	-0.48	0	0	0	0	0	0
12/26/2023 10:07	56802 BENV_T2	3	26	23	0.2	0.21	0.01	-1.4	-1.39	0	0	0	0	0	0
12/26/2023 10:08	27502 WEIS_T2	0	0	0	0	0	0	-0.5	-0.49	0	0	0	0	0	0
12/26/2023 10:08	43001 ALWD_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/26/2023 10:08	59102 WALK_T2	0	2	2	0	0	0	0	0	0	0	0	0	0	0
12/26/2023 10:08	64101 REFR_T1	0	0	0	0	0	0	-0.11	-0.08	0	0	0	0	0	0
12/26/2023 10:08	53501 EVIL_T2	9	8	-1	0.67	1.58	0.91	-0.45	-0.48	0	0	0	0	0	0
12/26/2023 10:08	56802 BENV_T2	3	26	23	0.2	0.21	0.01	-1.4	-1.39	0	0	0	0	0	0
12/26/2023 10:09	59101 WALK_T2	3	5	2	3.35	0	-3.35	1.63	1.7	0	0	0	0	0	0
12/26/2023 10:09	67402 WAKE_T2	0	0	0	0	0	0	0.43	0.43	1	1	0	600	600	0
12/26/2023 10:09	57401 SPAN_T1	0	0	0	0	0	0	-0.99	-1.06	1	1	0	600	600	0
12/26/2023 10:09	53501 EVIL_T2	9	8	-1	0.67	1.58	0.91	-0.48	-0.44	0	0	0	0	0	0
12/26/2023 10:10	56802 BENV_T2	3	26	23	0.2	0.21	0.01	-4.18	-4.16	0	0	0	0	0	0
12/26/2023 10:10	57401 SPAN_T1	0	0	0	0	0	0	-0.99	-1.06	1	1	0	600	600	0
12/26/2023 10:10	59102 WALK_T2	0	2	2	0	0	0	0	0	0	0	0	0	0	0
12/26/2023 10:11	56802 BENV_T2	3	26	23	0.2	0.21	0.01	-2.78	-2.77	0	0	0	0	0	0
12/26/2023 10:11	27101 GFLD_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/26/2023 10:13	52404 GRPA_T2	5	9	4	0.32	0	-0.32	0.62	0.63	0	0	0	0	0	0
12/26/2023 10:13	12701 MACU_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/26/2023 10:14	40101 HUNT_T2	1	3	2	0.4	0.1	-0.3	-0.48	-0.49	0	0	0	0	0	0
12/26/2023 10:14	27502 WEIS_T2	0	0	0	0	0	0	-0.5	-0.49	0	0	0	0	0	0
12/26/2023 10:16	52401 GRPA_T2	0	1	1	0	0.6	0.6	0	0	0	0	0	0	0	0
12/26/2023 10:16	12701 MACU_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/26/2023 10:16	39601 LNFD_T1	0	0	0	0	0	0	0	0	1	1	0	900	900	0
12/26/2023 10:17	13302 ORVI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/26/2023 10:18	13302 ORVI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/26/2023 10:19	57401 SPAN_T1	0	0	0	0	0	0	-0.99	-1.06	1	1	0	600	600	0
12/26/2023 10:19	13302 ORVI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/26/2023 10:19	54205 PENN_T1	0	76	76	0	0.27	0.27	0	0	0	0	0	0	0	0
12/26/2023 10:20	65001 NEFF_T2	0	0	0	0	0	0	-1.12	-1.06	1	1	0	1200	1200	0
12/26/2023 10:20	13302 ORVI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/26/2023 10:21	67502 WEWI_T2	0	0	0	0	0	0	-1.18	-1.21	1	1	0	900	900	0
12/26/2023 10:22	57401 SPAN_T1	0	0	0	0	0	0	-0.99	-1.06	1	1	0	600	600	0
12/26/2023 10:23	46004 BERW_T2	0	2	2	0	0	0	-0.71	-0.7	0	0	0	0	0	0
12/26/2023 10:23	54205 PENN_T1	0	76	76	0	0.27	0.27	0	0	0	0	0	0	0	0
12/26/2023 10:23	56802 BENV_T2	4	53	49	0.33	0.19	-0.14	-1.39	-1.39	0	0	0	0	0	0
12/26/2023 10:24	56802 BENV_T2	4	53	49	0.33	0.19	-0.14	-2.77	-2.76	0	0	0	0	0	0
12/26/2023 10:24	56801 BENV_T1	11	34	23	0.55	0.45	-0.1	-0.71	-0.71	1	1	0	600	600	0
12/26/2023 10:24	27502 WEIS_T2	0	0	0	0	0	0	-0.49	-0.5	0	0	0	0	0	0
12/26/2023 10:24	40502 CRES_T2	7	9	2	0.19	0.16	-0.03	-0.32	-0.33	0	0	0	0	0	0
12/26/2023 10:24	67502 WEWI_T2	0	0	0	0	0	0	-1.21	-1	1	1	0	900	900	0
12/26/2023 10:25	67502 WEWI_T2	0	0	0	0	0	0	-1.21	-1	1	1	0	900	900	0
12/26/2023 10:26	40502 CRES_T2	7	9	2	0.19	0.16	-0.03	-0.53	-0.56	0	0	0	0	0	0
12/26/2023 10:26	56802 BENV_T2	4	53	49	0.33	0.19	-0.14	-1.39	-1.38	0	0	0	0	0	0
12/26/2023 10:26	67502 WEWI_T2	0	0	0	0	0	0	-1.21	-1	1	1	0	900	900	0
12/26/2023 10:27	56802 BENV_T2	4	53	49	0.33	0.19	-0.14	-2.77	-2.76	0	0	0	0	0	0
12/26/2023 10:28	40502 CRES_T2	7	9	2	0.19	0.16	-0.03	-0.32	-0.33	0	0	0	0	0	0
12/26/2023 10:28	27502 WEIS_T2	0	0	0	0	0	0	-0.49	-0.5	0	0	0	0	0	0
12/26/2023 10:30	40502 CRES_T2	8	11	3	0.15	0.15	0	-0.21	-0.22	0	0	0	0	0	0
12/26/2023 10:30	56501 ROCK_T2	1	1	0	1.7	0.6	-1.1	-0.82	-0.82	0	0	0	0	0	0
12/26/2023 10:33	16402 MOPO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/26/2023 10:33	12701 MACU_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/26/2023 10:34	12701 MACU_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/26/2023 10:34	16402 MOPO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/26/2023 10:36	65901 SAKR_T2	1	1	0	8.6	8.8	0.2	0	0	0	0	0	0	0	0
12/26/2023 10:37	59101 WALK_T2	3	6	3	2.25	0	-2.25	1.7	1.71	0	0	0	0	0	0
12/26/2023 10:37	45402 WILO_T2	0	1	1	0	0.3	0.3	-0.56	-0.57	0	0	0	0	0	0
12/26/2023 10:37	43001 ALWD_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/26/2023 10:39	46003 BERW_T2	1	1	0	2.8	2.6	-0.2	0	0	0	0	0	0	0	0
12/26/2023 10:40	27502 WEIS_T2	0	0	0	0	0	0	-0.5	-0.46	0	0	0	0	0	0
12/26/2023 10:40	59101 WALK_T2	3	6	3	2.25	0	-2.25	1.71	1.86	0	0	0	0	0	0
12/26/2023 10:43	61801 EEU_T2	0	0	0	0	0	0	-0.84	-0.93	1	1	0	600	600	0
12/26/2023 10:44	46903 MNTG_T2	0	0	0	0	0	0	0.13	0.05	1	1	0	600	600	0
12/26/2023 10:44	27502 WEIS_T2	0	0	0	0	0	0	-0.5	-0.46	0	0	0	0	0	0
12/26/2023 10:44	46801 HEPB_T2	3	3	0	0.3	0.37	0.07	0.63	0.67	0	0	0	0	0	0
12/26/2023 10:46	59301 MCAL_T1	2	2	0	0.5	0.2	-0.3	0	0	0	0	0	0	0	0
12/26/2023 10:47	54204 PENN_T2	2	1	-1	0.1	0.1	0	0	0	0	0	0	0	0	0
12/26/2023 10:47	46901 MNTG_T2	0	0	0	0	0	0	0.81	1.12	0	0	0	0	0	0
12/26/2023 10:48	46903 MNTG_T2	0	0	0	0	0	0	0.13	0.05	1	1	0	600	600	0
12/26/2023 10:49	46903 MNTG_T2	0	0	0	0	0	0	0.13	0.05	1	1	0	600	600	0
12/26/2023 10:49	43202 MVIL_T2	0	0	0	0	0	0	-0.66	-0.66	0	0	0	0	0	0
12/26/2023 10:49	13302 ORVI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/26/2023 10:50	13302 ORVI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/26/2023 10:51	60201 ATGL_T2	0	0	0	0	0	0	0.1	0.09	1	1	0	300	300	0
12/26/2023 10:52	27502 WEIS_T2	0	0	0	0	0	0	-0.5	-0.46	0	0	0	0	0	0
12/26/2023 10:52	64101 REFR_T1	0	0	0	0	0	0	-0.07	-0.03	0	0	0	0	0	0
12/26/2023 10:54	43401 BENT_T1	1	1	0	1.5	0	-1.5	0	0	0	0	0	0	0	0
12/26/2023 10:55	56802 BENV_T2	49	43	-6	0.18	0.21	0.03	-1.38	-1.37	0	0	0	0	0	0
12/26/2023 10:55	51107 CARL_T1	0	0	0	0	0	0	-0.27	-0.21	0	0	0	0	0	0
12/26/2023 10:56	56802 BENV_T2	49	43	-6	0.18	0.21	0.03	-2.75	-2.74	0	0	0	0	0	0
12/26/2023 10:57	51107 CARL_T1	0	0	0	0	0	0	-0.27	-0.21	0	0	0	0	0	0
12/26/2023 11:01	52102 MEIS_T1	0	0	0	0	0	0	0	0	1	1	0	450	450	0
12/26/2023 11:04	67605 WARW_T1	0	0	0	0	0	0	-1.08	-1.08	0	0	0	0	0	0
12/26/2023 11:07	44601 SALE_T2	0	0	0	0	0	0	-0.06	-0.04	0	0	0	0	0	0
12/26/2023 11:10	60201 ATGL_T2	0	0	0	0	0	0	0.04	0.42	1	1	0	300	300	0
12/26/2023 11:10	46004 BERW_T2	0	0	0	0	0	0	-0.71	-0.72	0	0	0	0	0	0
12/26/2023 11:12	40101 HUNT_T2	0	13	13	0	0.2	0.2	-0.54	-0.54	0	0	0	0	0	0
12/26/2023 11:16	40101 HUNT_T2	13	7	-6	0.28	0.4	0.12	-1.08	-1.07	0	0	0	0	0	0
12/26/2023 11:16	60501 NMAN_T2	3	3	0	4.53	5.1	0.57	0	0	0	0	0	0	0	0
12/26/2023 11:17	64204 KINZ_T1	1	1	0	0.2	0.3	0.1	0	0	0	0	0	0	0	0
12/26/2023 11:18	13302 ORVI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/26/2023 11:18	48302 ORWI_T2	2	2	0	0.75	0.65	-0.1	0.12	0.12	0	0	0	0	0	0
12/26/2023 11:21	66703 STRA_T1	0	0	0	0	0	0	-0.12	-0.07	0	0	0	0	0	0
12/26/2023 11:21	67204 TEHI_T2	0	0	0	0	0	0	-0.07	-0.07	0	0	0	0	0	0
12/26/2023 11:22	67204 TEHI_T2	0	0	0	0	0	0	-0.07	-0.07	0	0	0	0	0	0
12/26/2023 11:23	58001 WCAR_T1	4	4	0	0.88	0.93	0.05	0	0	0	0	0	0	0	0
12/26/2023 11:24	46001 BERW_T1	0	0	0	0	0	0	1.13	1.1	0	0	0	0	0	0
12/26/2023 11:24	58003 WCAR_T1	1	1	0	0.9	1	0.1	0.54	0.54	0	0	0	0	0	0
12/26/2023 11:24	20403 ASHF_T2	0	0	0	0	0	0	0.25	0.25	0	0	0	0	0	0
12/26/2023 11:26	46003 BERW_T2	1	1	0	3	3	0	0	0	0	0	0	0	0	0
12/26/2023 11:

12/26/2023 12:00	47001 HUGH_T2	0	0	0	0	0	0	-1.42	-1.42	0	0	0	0	0	0
12/26/2023 12:01	57401 SPAN_T1	0	0	0	0	0	0	-1.04	-1.04	1	1	0	600	600	0
12/26/2023 12:03	64101 REFR_T1	0	0	0	0	0	0	-0.11	-0.13	0	0	0	0	0	0
12/26/2023 12:05	67204 TEHI_T2	0	0	0	0	0	0	-0.07	-0.07	0	0	0	0	0	0
12/26/2023 12:05	67001 STHI_T2	155	260	105	0.12	0.13	0.01	0	0	0	0	0	0	0	0
12/26/2023 12:05	64101 REFR_T1	0	0	0	0	0	0	-0.11	-0.13	0	0	0	0	0	0
12/26/2023 12:06	67002 STHI_T2	10	19	9	0.14	0.14	0	2.55	2.54	0	0	0	0	0	0
12/26/2023 12:06	67303 WYOM_T2	2	1	-1	0.1	0.1	0	-0.16	-0.15	0	0	0	0	0	0
12/26/2023 12:08	67204 TEHI_T2	0	0	0	0	0	0	-0.07	-0.07	0	0	0	0	0	0
12/26/2023 12:08	64101 REFR_T1	0	0	0	0	0	0	-0.06	-0.06	0	0	0	0	0	0
12/26/2023 12:10	61306 EARL_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/26/2023 12:17	46903 MNTG_T2	0	0	0	0	0	0	-0.12	-0.06	1	1	0	600	600	0
12/26/2023 12:31	64203 KINZ_T1	0	0	0	0	0	0	-0.25	-0.27	1	1	0	600	600	0
12/26/2023 12:34	63203 MGTN_T1	0	0	0	0	0	0	-0.21	-0.21	1	1	0	600	600	0
12/26/2023 12:35	65001 NEFI_T2	0	0	0	0	0	0	-1.05	-1.16	1	1	0	1200	1200	0
12/26/2023 12:50	54204 PENN_T2	2	2	0	0.1	0.1	0	0	0	0	0	0	0	0	0
12/26/2023 12:54	24801 VALM_T1	0	0	0	0	0	0	-0.29	-0.26	0	0	0	0	0	0
12/26/2023 13:02	39601 LNFD_T1	0	0	0	0	0	0	0	0	1	1	0	900	900	0
12/26/2023 13:04	57403 SPAN_T1	0	0	0	0	0	0	0.11	0.11	0	0	0	0	0	0
12/26/2023 13:05	57403 SPAN_T1	0	0	0	0	0	0	0.11	0.11	0	0	0	0	0	0
12/26/2023 13:05	14403 SSLA_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/26/2023 13:06	57401 SPAN_T1	0	0	0	0	0	0	-1.02	-0.79	1	1	0	600	600	0
12/26/2023 13:06	67204 TEHI_T2	0	0	0	0	0	0	-0.07	-0.07	0	0	0	0	0	0
12/26/2023 13:06	57403 SPAN_T1	0	0	0	0	0	0	0.11	0.11	0	0	0	0	0	0
12/26/2023 13:07	67204 TEHI_T2	0	0	0	0	0	0	-0.07	-0.07	0	0	0	0	0	0
12/26/2023 13:08	57401 SPAN_T1	0	0	0	0	0	0	-1.02	-0.79	1	1	0	600	600	0
12/26/2023 13:08	64101 REFR_T1	0	0	0	0	0	0	-0.26	-0.29	0	0	0	0	0	0
12/26/2023 13:09	57401 SPAN_T1	0	0	0	0	0	0	-0.79	-0.82	1	1	0	600	600	0
12/26/2023 13:41	61701 ELIZ_T1	1	1	0	4.5	5	0.5	0	0	0	0	0	0	0	0
12/26/2023 13:42	54502 ENOL_T2	1	1	0	0.4	0.5	0.1	-1.99	-1.99	1	1	0	600	600	0
12/26/2023 13:42	24702 FLND_T2	0	0	0	0	0	0	0.56	0.46	0	0	0	0	0	0
12/26/2023 13:42	61703 ELIZ_T1	0	0	0	0	0	0	-4.45	-3.94	2	2	0	1800	1800	0
12/26/2023 13:44	61701 ELIZ_T1	1	1	0	4.5	5	0.5	0	0	0	0	0	0	0	0
12/26/2023 13:45	61701 ELIZ_T1	1	1	0	4.8	5	0.2	0	0	0	0	0	0	0	0
12/26/2023 13:49	64101 REFR_T1	0	0	0	0	0	0	-0.09	-0.1	0	0	0	0	0	0
12/26/2023 13:50	64101 REFR_T1	0	0	0	0	0	0	-0.09	-0.1	0	0	0	0	0	0
12/26/2023 13:51	64202 KINZ_T1	1	2	1	0.2	0.4	0.2	0	0	0	0	0	0	0	0
12/26/2023 13:51	64101 REFR_T1	0	0	0	0	0	0	-0.09	-0.1	0	0	0	0	0	0
12/26/2023 13:53	67303 WYOM_T2	21	51	30	0.11	0.12	0.01	-0.16	-0.17	0	0	0	0	0	0
12/26/2023 14:00	59003 MIFF_T1	1	5	4	3.2	0	-3.2	-0.59	-0.57	0	0	0	0	0	0
12/26/2023 14:03	54206 PENN_T2	4	9	5	0.2	0.2	0	0	0	0	0	0	0	0	0
12/26/2023 14:05	59002 MIFF_T1	1	4	3	0.6	0	-0.6	0	0	0	0	0	0	0	0
12/26/2023 14:08	67303 WYOM_T2	25	93	68	0.11	0.14	0.03	-0.17	-0.17	0	0	0	0	0	0
12/26/2023 14:09	60305 TWVA_T2	0	0	0	0	0	0	-0.75	-0.83	0	2	2	0	2400	2400
12/26/2023 14:10	65303 NBRI_T2	0	0	0	0	0	0	0.03	0.03	0	0	0	0	0	0
12/26/2023 14:10	54505 ENOL_T2	1	1	0	0.9	1	0.1	0	0	0	0	0	0	0	0
12/26/2023 14:11	53601 DALM_T2	1	1	0	0.4	0.8	0.4	0.25	0.25	0	0	0	0	0	0
12/26/2023 14:13	47001 HUGH_T2	0	0	0	0	0	0	-0.7	-0.69	0	0	0	0	0	0
12/26/2023 14:15	52102 MEIS_T1	1	0	-1	1.2	0	-1.2	0	0	1	1	0	450	450	0
12/26/2023 14:15	47001 HUGH_T2	0	0	0	0	0	0	-0.7	-0.69	0	0	0	0	0	0
12/26/2023 14:16	52102 MEIS_T1	1	0	-1	1.2	0	-1.2	0	0	1	1	0	450	450	0
12/26/2023 14:18	52102 MEIS_T1	1	0	-1	1.2	0	-1.2	0	0	2	2	0	900	900	0
12/26/2023 14:18	39601 LNFD_T1	0	0	0	0	0	0	0	0	1	1	0	900	900	0
12/26/2023 14:18	46903 MNTG_T2	0	2	2	0	0.1	0.1	-0.05	-0.02	1	1	0	600	600	0
12/26/2023 14:19	56504 ROCK_T2	0	0	0	0	0	0	-0.44	-0.48	0	0	0	0	0	0
12/26/2023 14:19	14203 EALL_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/26/2023 14:19	64301 LINC_T1	0	0	0	0	0	0	-0.31	0.27	1	0	-1	600	0	-600
12/26/2023 14:20	67001 STHI_T2	389	529	140	0.18	0.25	0.07	0	0	0	0	0	0	0	0
12/26/2023 14:20	56504 ROCK_T2	0	0	0	0	0	0	-0.44	-0.48	0	0	0	0	0	0
12/26/2023 14:21	67503 WEWI_T2	0	0	0	0	0	0	-0.18	-0.31	0	0	0	0	0	0
12/26/2023 14:21	56501 ROCK_T2	0	1	1	0	0.2	0.2	0	0	0	0	0	0	0	0
12/26/2023 14:22	56501 ROCK_T2	0	1	1	0	0.2	0.2	-0.84	-0.84	0	0	0	0	0	0
12/26/2023 14:23	67002 STHI_T2	62	131	69	0.17	0.18	0.01	0.63	0.62	0	0	0	0	0	0
12/26/2023 14:23	64101 REFR_T1	0	0	0	0	0	0	-0.11	-0.12	0	0	0	0	0	0
12/26/2023 14:23	16302 ALPA_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/26/2023 14:23	49803 UNIV_T1	0	0	0	0	0	0	-0.97	-0.97	0	0	0	0	0	0
12/26/2023 14:24	67502 WEWI_T2	0	2	2	0	0.1	0.1	-2.58	-2.78	2	2	0	1800	1800	0
12/26/2023 14:24	43402 BENT_T1	0	0	0	0	0	0	-1.35	-1.36	2	2	0	1500	1500	0
12/26/2023 14:24	67503 WEWI_T2	0	0	0	0	0	0	-0.31	-0.24	0	0	0	0	0	0
12/26/2023 14:24	67002 STHI_T2	62	131	69	0.17	0.18	0.01	0.62	0.62	0	0	0	0	0	0
12/26/2023 14:24	67303 WYOM_T2	50	95	45	0.12	0.14	0.02	-0.17	-0.17	0	0	0	0	0	0
12/26/2023 14:24	16302 ALPA_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/26/2023 14:25	64101 REFR_T1	0	0	0	0	0	0	-0.12	-0.12	0	0	0	0	0	0
12/26/2023 14:25	67001 STHI_T2	389	529	140	0.18	0.25	0.07	0	0	0	0	0	0	0	0
12/26/2023 14:25	67503 WEWI_T2	0	0	0	0	0	0	-0.31	-0.24	0	0	0	0	0	0
12/26/2023 14:25	16302 ALPA_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/26/2023 14:25	60305 TWVA_T2	0	0	0	0	0	0	-0.83	-0.85	2	2	0	2400	2400	0
12/26/2023 14:26	67502 WEWI_T2	0	2	2	0	0.1	0.1	-1.29	-1.39	1	1	0	900	900	0
12/26/2023 14:26	67503 WEWI_T2	0	0	0	0	0	0	-0.31	-0.24	0	0	0	0	0	0
12/26/2023 14:27	53903 HALI_T2	2	2	0	0.9	1.1	0.2	-0.46	-0.46	0	0	0	0	0	0
12/26/2023 14:27	53601 DALM_T2	1	1	0	0.8	0.7	-0.1	0.25	0.25	0	0	0	0	0	0
12/26/2023 14:28	54505 ENOL_T2	1	1	0	1	1.1	0.1	0	0	0	0	0	0	0	0
12/26/2023 14:28	53901 HALI_T2	0	1	1	0	0.1	0.1	0	0	0	0	0	0	0	0
12/26/2023 14:29	54505 ENOL_T2	1	1	0	1	1.1	0.1	0	0	0	0	0	0	0	0
12/26/2023 14:30	42903 MIDD_T2	2	2	0	0.4	0.8	0.4	-1.21	-1.19	1	1	0	1200	1200	0
12/26/2023 14:30	54505 ENOL_T2	1	1	0	1	1.1	0.1	0	0	0	0	0	0	0	0
12/26/2023 14:31	13302 ORVI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/26/2023 14:31	53903 HALI_T2	2	2	0	1.1	1.1	0	-0.23	-0.23	0	0	0	0	0	0
12/26/2023 14:31	52102 MEIS_T1	0	0	0	0	0	0	0	0	1	1	0	450	450	0
12/26/2023 14:32	59301 MCAL_T1	2	4	2	0.75	0.55	-0.2	0	0	0	0	0	0	0	0
12/26/2023 14:32	60604 NCOL_T2	0	0	0	0	0	0	0.3	0.34	0	0	0	0	0	0
12/26/2023 14:32	13302 ORVI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/26/2023 14:32	63401 HONY_T1	0	0	0	0	0	0	-0.14	-0.09	1	1	0	600	600	0
12/26/2023 14:33	55001 NEWP_T1	0	1	1	0	0.3	0.3	-0.68	-0.68	1	1	0	600	600	0
12/26/2023 14:33	46903 MNTG_T2	2	17	15	0.1	0.14	0.04	-0.02	0	1	1	0	600	600	0
12/26/2023 14:33	55002 NEWP_T1	6	6	0	0.93	1.12	0.19	-0.22	-0.22	0	0	0	0	0	0
12/26/2023 14:34	42902 MIDD_T2	1	1	0	2.7	0	-2.7	0	0	0	0	0	0	0	0
12/26/2023 14:34	55002 NEWP_T1	6	6	0	0.93	1.12	0.19	-0.22	-0.22	0	0	0	0	0	0
12/26/2023 14:34	52102 MEIS_T1	0	0	0	0	0	0	0	0	2	2	0	900	900	0
12/26/2023 14:35	56501 ROCK_T2	1	1	0	0.2	0.5	0.3	0	0	0	0	0	0	0	0
12/26/2023 14:35	13302 ORVI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/26/2023 14:35	57401 SPAN_T1	1	2	1	0.1	0.35	0.25	-0.84	-1.08	1	1	0	600	600	0
12/26/2023 14:35	67002 STHI_T2	86	129	43	0.17	0.18	0.01	0.62	0.62	0	0	0	0	0	0
12/26/2023 14:35	52501 PROG_T1	0	0	0	0	0	0	0.31	0.31	1	1	0	300	300	0
12/26/2023 14:36	55002 NEWP_T1	6	6	0	0.93	1.12	0.19	-0.22	-0.22	0	0	0	0	0	0
12/26/2023 14:36	60604 NCOL_T2	0	0	0	0	0	0	0.3	0.34	0	0	0	0	0	0
12/26/2023 14:36	67502 WEWI_T2	1	1	0	0.1	0.1	0	0	0	0	0	0	0	0	0
12/26/2023 14:36	55001 NEWP_T1	0	1	1	0	0.3	0.3	-0.68	-0.68	1	1	0	600	600	0
12/26/2023 14:36	67001 STHI_T2	489	512	23	0.24	0.26	0.02	0	0	0	0	0	0	0	0
12/26/2023 14:37	67502 WEWI_T2	1	1	0	0.1	0.1	0	0	0	0	0	0	0	0	0
12/26/2023 14:37	55001 NEWP_T1	0	1	1	0	0.3	0.3	0	0	0	0	0	0	0	0
12/26/2023 14:38	57403 SPAN_T1	0	0	0	0	0	0	0.1	0.1	0	0	0	0	0	0
12/26/2023 14:38	57403 SPAN_T1	0	0	0	0	0	0	0.1	0.1	0	0	0	0	0	0
12/26/2023 14:38	29401 BELT_T1	0	0	0	0	0	0	0	0	2	2	0	1800	1800	0
12/26/2023 14:39	57401 SPAN_T1	1	2	1	0.1	0.35	0.25	-1.08	-1.07	1	1	0	600	600	0
12/26/2023 14:39	67001 STHI_T2	489	512	23	0.24	0.26	0.02	0	0	0	0	0	0	0	0
12/26/2023 14:39	57401 SPAN_T1	1	2	1	0.1	0.35	0.25	-1.08	-1.07	1	1	0	600	600	0
12/26/2023 14:39	67502 WEWI_T2	1	1	0	0.1	0.1	0	-1.39	-1.38	1	1	0	900	900	0
12/26/2023 14:39	67605 WARW_T1	0	0	0	0	0	0	-0.9	-0.89	0	0	0	0	0	0
12/26/2023 14:39	16302 ALPA_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/26/2023 14:40	57403 SPAN_T1	0	0	0	0	0	0	0.1	0.09	0	0	0	0	0	0
12/26/2023 14:40	67502 WEWI_T2	1	1	0	0.1	0.1	0	-2.78	-2.77	2	2	0	1800	1800	0
12/26/2023 14:40	28805 LAKE_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/26/2023 14:40	56504 ROCK_T2	0	0	0	0	0	0	-0.46	-0.47	0	0	0	0	0	0
12/26/2023 14:40	16302 ALPA_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/26/2023 14:40	49803 UNIV_T1	0	0	0	0	0	0	-0.97	-0.97	0	0	0	0	0	0
12/26/2023 14:40	42503 ALTA_T2	0	0	0	0	0	0	-0.58	-0.58	0	0	0	0	0	0
12/26/2023 14:40	20401 ASHF_T2	0	1	1	0	1.2	1.2	-0.34	-0.33	1	1	0	600	600	0
12/26/2023 14:40	67502 WEWI_T2	1	1	0	0.1	0.1	0	-2.78	-2.77	2	2	0	1800	1800	0
12/26/2023 14:41	28805 LAKE_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/26/2023 14:42	67502 WEWI_T2	1	1	0	0.1	0.1	0	0	0	0	0	0	0	0	0
12/26/2023 14:42	53601 DALM_T2	1	1	0	0.5	0.7	0.2	0.25	0.25	0	0	0	0	0	0
12/26/2023 14:44	45802 HEGI_T2	2	1	-1	1.35	0.6	-0.75	1	0.9	0	0	0	0	0	0
12/26/2023 14:44	54502 ENOL_T2	1	1	0	0.3	0.2	-0.1	-4	-4.01	2	2	0	1200	1200	0
12/26/2023 14:45	52102 MEIS_T1	0	0	0	0	0	0	0	0	1	1	0	450	450	0
12/26/2023 14:46	45802 HEGI_T2	1	0	-1	0.6	0	-0.6	1	0.9	0	0	0	0	0	0
12/26/2023 14:47	55002 NEWP_T1	6	6	0	1.05	1.22	0.17	-0.22	-0.22	0	0	0	0	0	0
12/26/2023 14:47	52102 MEIS_T1	0	0	0	0	0	0	0	0	2	2	0	900	900	0
12/26/2023 14:47	13302 ORVI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/26/2023 14:48	53903 HALI_T2	2	2	0	1	1.2	0.2	-0.23	-0.23	0	0	0	0	0	0
12/26/2023 14:49	42802 SELI_T1	0	0	0	0	0	0	-6.6	-6.59	3	3	0	2700	2700	0
12/26/2023 14:49	59402 RFLD_T2	0	0	0	0	0	0	-0.74	-0.74	1	1	0	450	450	0
12/26/2023 14:49	55001 NEWP_T1	1	1	0	0.1	0.4	0.3	0	0	0	0	0	0	0	0
12/26/2023 14:50	42802 SELI_T1	0	0	0	0	0	0	-2.2	-2.2	1	1	0	900	900	0
12/26/2023 14:50	55002 NEWP_T1	6	6	0	1.05	1.22	0.17	-0.22	-0.22	0	0	0	0	0	0
12/26/2023 14:50	59402 RFLD_T2	0	0	0	0	0	0	-0.74	-0.74	1	1	0	450	450	0
12/26/2023 14:51	42802 SELI_T1	0	0	0	0	0	0	-6.6	-6.59	3	3	0	2700	2700	0
12/26/2023 14:51	52501 PROG_T1	0	0	0	0	0	0	0.31	0.3	1	1	0	300	300	0
12/26/2023 14:51	55001 NEWP_T1	1	1	0	0.1	0.4	0.3	0	0	0	0	0	0	0	0
12/26/2023 14:52	55105 WERT_T1	0	1	1	0	0	-0.55	-0.55	-0.55	1	1	0	900	900	0
12/26/2023 14:52	13302 ORVI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/26/2023 14:52	42801 SELI_T1	1	1	0	0	0	0	0	0	0	0	0	0	0	0
12/26/2023 14:52	59402 RFLD_T2	0	0	0	0	0	0	-0.74	-0.74	1	1	0	450	450	0
12/26/2023 14:53	59402 RFLD_T2	0	0	0	0	0	0	-0.74	-0.74	1	1	0	450	450	0
12/26/2023 14:53	67401 WAKE_T2	0	0	0	0	0	0	-1.12	-1.12	0	0	0	0	0	0
12/26/2023 14:54	45501 DERR_T2	0	0	0	0	0	0	0.19	0.19	2	2	0	1800	1800	0
12/26/2023 14:54	42802 SELI_T1	0	0	0	0	0	0	-2.2	-2.18	1	1	0	900	900	0
12/26/2023 14:55	60101 COCA_T1	0	0	0	0	0	0	0.63	0.59	0	0	0	0	0	0
12/26/2023 14:55	51604 DUKE_T2	14	10	-4	0.16	0.14	-0.02	-1.66	-1.66	1	1	0	900	900	0
12/26/2023 14:55	45501 DERR_T2	0	0	0	0	0	0	0.19	0.19	2	2	0	1800	1800	0
12/26/2023 14:56	14203 EALL_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/26/2023 14:58	45501 DERR_T2	0	0	0	0	0	0	0.19	0.19	2	2	0	1800	1800	0
12/26/2023 14:58	51604 DUKE_T2	14	10	-4	0.16	0.14	-0.02	-1.66	-1.66	1	1	0	900	900	0
12/26/2023 15:01	47401 PENS_T1	0	0	0	0	0	0	-0.51	-0.42	0	0	0	0	0	0
12/26/2023 15:01	13503 MCMI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/26/2023 15:02	47403 PENS_T1	1	1	0	2.3	2.3	0	0	0	0	0	0	0	0	0
12/26/2023 15:03	47403 PENS_T1	1	1	0	2.3	2.3	0	0	0	0	0	0	0	0	0
12/26/2023 15:03	59302 MCAL_T1	1	1	0	0.2	0.2	0	-0.21	-0.19	1	1	0	600	600	0
12/26/2023 15:04	64101 REFR_T1	0	0	0	0	0	0	0	-0.07	0	0	0	0	0	0
12/26/2023 15:05	47401 PENS_T1	0	0	0	0	0	0	-1.02	-0.84	0	0	0	0	0	0
12/26/2023 15:07	64101 REFR_T1	0	0	0	0	0	0	0	-0.07	0	0	0	0	0	0
12/26/2023 15:10	51604 DUKE_T2	5	22	17	0.18	0.16	-0.02	-1.66	-1.65	1	1	0	900	900	0
12/26/2023 15:10	54505 ENOL_T2	1	1	0	1.1	1.2	0.1	0	0	0	0	0	0	0	0
12/26/2023 15:15	46501 LOHA_T1	0	0	0	0	0	0	-0.31	-0.29	1	1	0	1200	1200	0
12/26/2023 15:18	51604 DUKE_T2	10	22	12	0.14	0.16	0.02	-1.66	-1.65	1	1	0	900	900	0
12/26/2023 15:18	52101 MEIS_T1	0	1	1	0	0.3	0.3	0	0	0	0	0	0	0	0
12/26/2023 15:18	59301 MCAL_T1	6	2	-4	0.47	0.2	-0.27	-1.88	-1.24	1	0	-1	600	0	-600
12/26/2023 15:19	59001 MIFF_T1	0	1	1	0	0	0	0	0	0	0	0	0	0	0
12/26/2023 15:21	55001 NEWP_T1	1	0	-1	0.4	0	-0.4	-0.68	-0.05	0	0	0	0	0	0
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12/26/2023 18:20	47403 PENS_T1	1	1	0	2.2	2.4	0.2	0	0	0	0	0	0	0	0
12/26/2023 18:20	42503 ALTA_T2	0	0	0	0	0	0	-0.63	-0.64	0	0	0	0	0	0
12/26/2023 18:21	56802 BENV_T2	72	101	29	0.21	0.23	0.02	-2.73	-2.74	0	0	0	0	0	0
12/26/2023 18:21	59101 WALK_T2	6	10	-4	4.04	0	-4.04	0.99	1.1	1	1	0	600	600	0
12/26/2023 18:21	16402 MOPO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/26/2023 18:22	66504 SMAN_T2	0	0	0	0	0	0	-1.02	-1.05	0	0	0	0	0	0
12/26/2023 18:22	47403 PENS_T1	1	1	0	2.2	2.4	0.2	0	0	0	0	0	0	0	0
12/26/2023 18:22	39601 LNFD_T1	0	0	0	0	0	0	0	0	1	1	0	900	900	0
12/26/2023 18:22	55002 NEWP_T1	4	6	2	0.93	0.9	-0.03	-0.23	-0.24	0	0	0	0	0	0
12/26/2023 18:22	40502 CRES_T2	13	9	-4	0.4	0.53	0.13	-1.59	-1.61	0	0	0	0	0	0
12/26/2023 18:22	52403 GRPA_T2	0	1	1	0	0	0	0	0	0	0	0	0	0	0
12/26/2023 18:22	14403 SSLA_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/26/2023 18:22	56802 BENV_T2	72	101	29	0.21	0.23	0.02	-1.36	-1.37	0	0	0	0	0	0
12/26/2023 18:22	57401 SPAN_T1	0	0	0	0	0	0	-1.5	-1.49	2	2	0	1200	1200	0
12/26/2023 18:22	40101 HUNT_T2	1	1	0	0.5	0	-0.5	-0.55	-0.56	0	0	0	0	0	0
12/26/2023 18:23	54201 PENN_T1	3	8	5	0.2	0.2	0	0.98	0.98	0	0	0	0	0	0
12/26/2023 18:23	55002 NEWP_T1	4	6	2	0.93	0.9	-0.03	-0.23	-0.24	0	0	0	0	0	0
12/26/2023 18:23	59001 MIFF_T1	3	0	-3	0.13	0	-0.13	0	0	0	0	0	0	0	0
12/26/2023 18:23	57304 MOAL_T2	0	0	0	0	0	0	-0.32	-0.33	0	0	0	0	0	0
12/26/2023 18:24	67103 SPRI_T1	0	0	0	0	0	0	-0.15	-0.15	0	0	0	0	0	0
12/26/2023 18:24	47401 PENS_T1	0	0	0	0	0	0	-0.52	-0.53	0	0	0	0	0	0
12/26/2023 18:24	56802 BENV_T2	72	101	29	0.21	0.23	0.02	-1.37	-1.38	0	0	0	0	0	0
12/26/2023 18:24	12701 MACU_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/26/2023 18:24	42801 SELI_T1	1	1	0	0	0	0	0	0	0	0	0	0	0	0
12/26/2023 18:25	54505 ENOL_T2	1	1	0	0.5	0.7	0.2	0	0	0	0	0	0	0	0
12/26/2023 18:25	67105 SPRI_T1	1	0	-1	0.7	0	-0.7	0	0	0	0	0	0	0	0
12/26/2023 18:25	27101 GFLD_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/26/2023 18:25	60501 NMAN_T2	3	3	0	3.7	4.07	0.37	0	0	0	0	0	0	0	0
12/26/2023 18:25	56802 BENV_T2	72	101	29	0.21	0.23	0.02	-1.37	-1.38	0	0	0	0	0	0
12/26/2023 18:25	57401 SPAN_T1	0	0	0	0	0	0	-0.75	-0.74	1	1	0	600	600	0
12/26/2023 18:25	57403 SPAN_T1	0	0	0	0	0	0	0.07	0.07	0	0	0	0	0	0
12/26/2023 18:25	56501 ROCK_T2	1	1	0	0.7	0.1	-0.6	-0.86	-0.87	0	0	0	0	0	0
12/26/2023 18:25	55002 NEWP_T1	4	6	2	0.93	0.9	-0.03	-0.24	-0.24	0	0	0	0	0	0
12/26/2023 18:25	13503 MCMI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/26/2023 18:25	67503 WEWI_T2	0	0	0	0	0	0	-0.19	-0.19	0	0	0	0	0	0
12/26/2023 18:25	51604 DUKE_T2	0	1	1	0	0.1	0.1	-1.65	-1.65	1	1	0	900	900	0
12/26/2023 18:25	16302 ALPA_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/26/2023 18:26	54202 PENN_T2	0	0	0	0	0	0	0.61	0.61	0	0	0	0	0	0
12/26/2023 18:26	57401 SPAN_T1	0	0	0	0	0	0	-0.75	-0.74	1	1	0	600	600	0
12/26/2023 18:26	52501 PROG_T1	0	0	0	0	0	0	0.27	0.28	1	1	0	300	300	0
12/26/2023 18:26	43402 BENT_T1	0	0	0	0	0	0	-0.93	-1.54	1	2	1	900	1500	600
12/26/2023 18:26	40101 HUNT_T2	1	1	0	0.5	0	-0.5	-1.12	-1.14	0	0	0	0	0	0
12/26/2023 18:26	47401 PENS_T1	0	0	0	0	0	0	-0.52	-0.53	0	0	0	0	0	0
12/26/2023 18:26	56802 BENV_T2	72	101	29	0.21	0.23	0.02	-1.37	-1.38	0	0	0	0	0	0
12/26/2023 18:26	40501 CRES_T2	9	8	-1	0.27	0.24	-0.03	0	0	0	0	0	0	0	0
12/26/2023 18:26	48302 ORWI_T2	3	3	0	0.7	0.63	-0.07	0	0	0	0	0	0	0	0
12/26/2023 18:26	67001 STHI_T2	193	286	93	0.13	0.18	0.05	0	0	0	0	0	0	0	0
12/26/2023 18:26	16302 ALPA_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/26/2023 18:27	56501 ROCK_T2	1	1	0	0.7	0.1	-0.6	0	0	0	0	0	0	0	0
12/26/2023 18:27	47403 PENS_T1	1	1	0	2.2	2.4	0.2	0	0	0	0	0	0	0	0
12/26/2023 18:27	53903 HAU_T2	2	2	0	0.6	0.55	-0.05	-0.24	-0.24	0	0	0	0	0	0
12/26/2023 18:27	42801 SELI_T1	1	1	0	0	0	0	0	0	0	0	0	0	0	0
12/26/2023 18:27	64203 KINZ_T1	0	0	0	0	0	0	-0.65	-0.69	1	1	0	600	600	0
12/26/2023 18:27	67503 WEWI_T2	0	0	0	0	0	0	-0.19	-0.19	0	0	0	0	0	0
12/26/2023 18:27	28805 LAKE_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/26/2023 18:28	64101 REFR_T1	0	0	0	0	0	0	-0.11	-0.11	0	0	0	0	0	0
12/26/2023 18:28	20403 ASHF_T2	0	0	0	0	0	0	0.36	0.35	0	0	0	0	0	0
12/26/2023 18:28	29401 BELT_T1	23	35	12	0.21	0.22	0.01	0	0	1	1	0	900	900	0
12/26/2023 18:28	59302 MCAL_T1	0	0	0	0	0	0	-0.42	-0.42	1	1	0	600	600	0
12/26/2023 18:28	53501 EVIL_T2	8	9	1	0.73	0.33	-0.4	-0.62	-0.63	0	0	0	0	0	0
12/26/2023 18:28	46501 LOHA_T1	0	0	0	0	0	0	-0.35	-0.36	1	1	0	1200	1200	0
12/26/2023 18:28	40501 CRES_T2	9	8	-1	0.27	0.24	-0.03	0	0	0	0	0	0	0	0
12/26/2023 18:28	59402 RFLD_T2	1	1	0	1.7	0	-1.7	-0.76	-0.76	1	1	0	450	450	0
12/26/2023 18:28	56802 BENV_T2	72	101	29	0.21	0.23	0.02	-2.74	-2.76	0	0	0	0	0	0
12/26/2023 18:28	46903 MNTG_T2	2	7	5	0.1	0.13	0.03	-0.22	-0.35	1	1	0	600	600	0
12/26/2023 18:29	54206 PENN_T2	0	1	1	0	0.1	0.1	-0.03	-0.03	0	0	0	0	0	0
12/26/2023 18:29	42801 SELI_T1	1	1	0	0	0	0	0	0	0	0	0	0	0	0
12/26/2023 18:29	56802 BENV_T2	72	101	29	0.21	0.23	0.02	-1.37	-1.38	0	0	0	0	0	0
12/26/2023 18:30	52102 MEIS_T1	1	0	-1	3.6	0	-3.6	0	0	1	1	0	450	450	0
12/26/2023 18:30	42902 MIDD_T2	12	15	3	0.99	0.1	-0.89	0	0	0	0	0	0	0	0
12/26/2023 18:30	59402 RFLD_T2	1	0	-1	3.1	0	-3.1	-0.76	-0.76	1	1	0	450	450	0
12/26/2023 18:30	55001 NEWP_T1	0	1	1	0	0.2	0.2	-0.69	-0.71	1	1	0	600	600	0
12/26/2023 18:30	45802 HEGI_T2	0	2	2	0	0.65	0.65	0.58	1.01	0	0	0	0	0	0
12/26/2023 18:30	49803 UNIV_T1	0	0	0	0	0	0	-1.04	-1.07	0	0	0	0	0	0
12/26/2023 18:30	67001 STHI_T2	187	341	154	0.13	0.21	0.08	0	0	0	0	0	0	0	0
12/26/2023 18:30	51107 CARL_T1	0	0	0	0	0	0	-0.64	-0.65	0	0	0	0	0	0
12/26/2023 18:30	12701 MACU_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/26/2023 18:30	16302 ALPA_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/26/2023 18:30	56801 BENV_T1	14	19	5	0.81	0.96	0.15	-0.7	-0.7	1	1	0	600	600	0
12/26/2023 18:30	40101 HUNT_T2	0	1	1	0	0	0	-0.56	-0.57	0	0	0	0	0	0
12/26/2023 18:30	40502 CRES_T2	8	8	0	0.56	0.34	-0.22	-0.81	-0.56	0	0	0	0	0	0
12/26/2023 18:30	41801 GOCI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/26/2023 18:30	47001 HUGH_T2	0	0	0	0	0	0	-0.7	-0.7	0	0	0	0	0	0
12/26/2023 18:31	53501 EVIL_T2	3	7	4	0.87	0.34	-0.53	-0.62	-0.63	0	0	0	0	0	0
12/26/2023 18:31	67303 WYOM_T2	3	40	37	0.13	0.14	0.01	-0.21	-0.21	0	0	0	0	0	0
12/26/2023 18:31	67001 STHI_T2	187	341	154	0.13	0.21	0.08	0	0	0	0	0	0	0	0
12/26/2023 18:31	12701 MACU_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/26/2023 18:31	52102 MEIS_T1	1	0	-1	3.6	0	-3.6	0	0	1	1	0	450	450	0
12/26/2023 18:31	16402 MOPO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/26/2023 18:31	56802 BENV_T2	24	115	91	0.18	0.25	0.07	-2.74	-2.76	0	0	0	0	0	0
12/26/2023 18:31	66504 SMAN_T2	0	0	0	0	0	0	-0.52	-0.54	0	0	0	0	0	0
12/26/2023 18:31	13302 ORVI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/26/2023 18:31	60701 BREC_T1	0	0	0	0	0	0	-0.49	-0.49	1	1	0	600	600	0
12/26/2023 18:31	67503 WEWI_T2	0	0	0	0	0	0	-1.35	-1.38	1	1	0	900	900	0
12/26/2023 18:31	62604 ENGL_T1	1	1	0	0.2	0	-0.2	-0.52	-0.53	1	1	0	600	600	0
12/26/2023 18:32	47403 PENS_T1	1	1	0	2.3	2.5	0.2	0	0	0	0	0	0	0	0
12/26/2023 18:32	52403 GRPA_T2	1	0	-1	1	0	-1	0.03	0.02	0	0	0	0	0	0
12/26/2023 18:32	67002 STHI_T2	27	56	29	0.12	0.18	0.06	0.6	0.6	0	0	0	0	0	0
12/26/2023 18:32	60305 TWVA_T2	0	0	0	0	0	0	0.99	1.05	0	0	0	0	0	0
12/26/2023 18:32	52102 MEIS_T1	1	0	-1	3.6	0	-3.6	0	0	1	1	0	450	450	0
12/26/2023 18:32	65001 NEFF_T2	3	70	67	0.1	0.14	0.04	-1.26	-1.27	1	1	0	1200	1200	0
12/26/2023 18:32	56802 BENV_T2	24	115	91	0.18	0.25	0.07	-1.37	-1.38	0	0	0	0	0	0
12/26/2023 18:32	40501 CRES_T2	8	2	-6	0.24	0.2	-0.04	0	0	0	0	0	0	0	0
12/26/2023 18:32	59101 WALK_T2	4	11	7	3	0	-3	1.1	0.94	1	1	0	600	600	0
12/26/2023 18:33	62604 ENGL_T1	1	1	0	0.2	0	-0.2	-0.52	-0.53	1	1	0	600	600	0
12/26/2023 18:33	60803 BUCK_T1	0	0	0	0	0	0	-1.41	-1.42	1	1	0	600	600	0
12/26/2023 18:33	53601 DALM_T2	0	0	0	0	0	0	-0.18	-0.18	0	0	0	0	0	0
12/26/2023 18:33	67502 WEWI_T2	0	0	0	0	0	0	-1.35	-1.38	1	1	0	900	900	0
12/26/2023 18:33	56802 BENV_T2	24	115	91	0.18	0.25	0.07	-2.74	-2.76	0	0	0	0	0	0
12/26/2023 18:34	45501 DERR_T2	3	2	-1	1.2	0.5	-0.7	0.55	0.57	4	4	0	3600	3600	0
12/26/2023 18:34	40501 CRES_T2	8	2	-6	0.24	0.2	-0.04	0	0	0	0	0	0	0	0
12/26/2023 18:34	56501 ROCK_T2	1	1	0	0.6	0.1	-0.5	0	0	0	0	0	0	0	0
12/26/2023 18:34	20403 ASHF_T2	0	0	0	0	0	0	0.36	0.35	0	0	0	0	0	0
12/26/2023 18:34	60604 NCOL_T2	0	0	0	0	0	0	0.28	0.28	0	0	0	0	0	0
12/26/2023 18:34	13302 ORVI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/26/2023 18:34	40101 HUNT_T2	0	1	1	0	0	0	-0.56	-0.57	0	0	0	0	0	0
12/26/2023 18:34	45802 HEGI_T2	0	2	2	0	0.65	0.65	0.58	1.01	0	0	0	0	0	0
12/26/2023 18:35	45702 LIND_T2	10	1	-9	0.3	1.9	1.6	-0.59	-0.59	0	0	0	0	0	0
12/26/2023 18:35	47401 PENS_T1	0	0	0	0	0	0	-0.52	-0.53	0	0	0	0	0	0
12/26/2023 18:35	14403 SSLA_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/26/2023 18:35	67605 WARW_T1	0	0	0	0	0	0	-1	-1.08	0	0	0	0	0	0
12/26/2023 18:35	59402 RFLD_T2	1	0	-1	3.1	0	-3.1	-0.76	-0.76	1	1	0	450	450	0
12/26/2023 18:35	45402 WBLO_T2	39	33	-6	0.26	0.21	-0.05	-0.68	-0.69	0	0	0	0	0	0
12/26/2023 18:35	43001 ALWD_T1	1	4	3	0.1	0.1	0	0	0	0	0	0	0	0	0
12/26/2023 18:35	42801 SELI_T1	1	1	0	0	0	0	0	0	0	0	0	0	0	0
12/26/2023 18:35	45501 DERR_T2	3	2	-1	1.2	0.5	-0.7	0.28	0.28	2	2	0	1800	1800	0
12/26/2023 18:35	60101 COCA_T1	0	0	0	0	0	0	0.37	0.37	0	0	0	0	0	0
12/26/2023 18:35	60701 BREC_T1	0	0	0	0	0	0	-0.49	-0.49	1	1	0	600	600	0
12/26/2023 18:35	46903 MNTG_T2	0	12	12	0	0.14	0.14	-0.22	-0.35	1	1	0	600	600	0
12/26/2023 18:36	67002 STHI_T2	27	56	29	0.12	0.18	0.06	0.6	0.6	0	0	0	0	0	0
12/26/2023 18:36	40501 CRES_T2	8	2	-6	0.24	0.2	-0.04	0	0	0	0	0	0	0	0
12/26/2023 18:36	28805 LAKE_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/26/2023 18:36	16302 ALPA_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/26/2023 18:36	43201 MVIL_T2	0	2	2	0	0	0	-1.29	-1.29	0	0	0	0	0	0
12/26/2023 18:36	20401 ASHF_T2	0	0	0	0	0	0	-0.29	-0.3	1	1	0	600	600	0
12/26/2023 18:36	40602 PIGR_T1	0	0	0	0	0	0	0	0	1	1	0	600	600	0
12/26/2023 18:36	14403 SSLA_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/26/2023 18:36	67502 WEWI_T2	0	0	0	0	0	0	-4.06	-4.13	3	3	0	2700	2700	0
12/26/2023 18:36	56501 ROCK_T2	1	1	0	0.6	0.1	-0.5	-0.86	-0.87	0	0	0	0	0	0
12/26/2023 18:36	67204 TEHI_T2	0	0	0	0	0	0	0.16	0.16	0	0	0	0	0	0
12/26/2023 18:37	52404 GRPA_T2	2	0	-2	0.15	0	-0.15	0	0	0	0	0	0	0	0
12/26/2023 18:37	44601 SALE_T2	1	1	0	0.2	0.1	-0.1	-0.1	-0.1	0	0	0	0	0	0
12/26/2023 18:37	55002 NEWP_T1	4	6	2	0.8	0.95	0.15	0	0	0	0	0	0	0	0
12/26/2023 18:37	67103 SPRI_T1	0	0	0	0	0	0	-0.15	-0.15	0	0	0	0	0	0
12/26/2023 18:37	53501 EVIL_T2	3	7	4	0.87	0.34	-0.53	-0.62	-0.63	0	0	0	0	0	0
12/26/2023 18:37	13302 ORVI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/26/2023 18:37	51107 CARL_T1	27	44	17	0.14	0.15	0.01	0	0	0	0	0	0	0	0
12/26/2023 18:37	52102 MEIS_T1	1	0	-1	3.6	0	-3.6	0	0	1	1	0	450	450	0
12/26/2023 18:37	46001 BERW_T1	0	0	0	0	0	0	0.83	0.84	0	0	0	0	0	0
12/26/2023 18:37	54502 ENOL_T2	0	0	0	0	0	0	-1.98	-1.98	1	1	0	600	600	0
12/26/2023 18:37	62604 ENGL_T1	1	1	0	0.2	0	-0.2	-0.52	-0.53	1	1	0	600	600	0
12/26/2023 18:37	64101 REFR_T1	0	0	0	0	0	0	-0.23	-0.22	0	0	0	0	0	0
12/26/2023 18:37	47001 HUGH_T2	0	0	0	0	0	0	-0.7	-0.7	0	0	0	0	0	0
12/26/2023 18:37	67502 WEWI_T2	0	0	0	0	0	0	-1.35	-1.38	1	1	0	900	900	0
12/26/2023 18:38	40101 HUNT_T2	0	1	1	0	0	0	-0.57	-0.58	0	0	0	0	0	0
12/26/2023 18:38	40501 CRES_T2	8	2	-6	0.24	0.2	-0.04	0	0	0	0	0	0	0	0
12/26/2023 18:38	47401 PENS_T1	0	0	0	0	0	0	-0.53	-0.54	0	0	0	0	0	0
12/26/2023 18:38	67204 TEHI_T2	0	0	0	0	0	0	0.16	0.16	0	0	0	0	0	0
12/26/2023 18:38	43402 BENT_T1	0	0	0	0	0	0	-1.54	-1.55	2	2	0	1500	1500	0
12/26/2023 18:38	28604 BLYT_T2	0	0	0	0	0	0	-1.36	-1.36	0	0	0	0	0	0
12/26/2023 18:38	42802 SELI_T1	0	0	0	0	0	0	-2.22	-2.22	1	1	0	900	900	0
12/26/2023 18:38	52102 MEIS_T1	1	0	-1	3.6	0	-3.6	0	0	1	1	0	450	450	0
12/26/2023 18:38	61801 EELI_T2	0	0	0	0	0	0	-0.91	-0.93	1	1	0	600	600	0
12/26/2023 18:38	45501 DERR_T2	3	2	-1	1.2	0.5	-0.7	0.28	0.26	2	2	0	1800	1800	0
12/26/2023 18:39	55001 NEWP_T1	0	1	1	0	0.2	0.2	0	0	0	0	0	0	0	0
12/26/2023 18:39	64101 REFR_T1	0	0	0	0	0	0	-0.11	-0.11	0	0	0	0	0	0
12/26/2023 18:39	42802 SELI_T1	0	0	0	0	0	0	-2.22	-2.22	1	1	0	900	900	0
12/26/2023 18:39	61306 EARL_T1	11	11	0	0.21	0.25	0.04	0	0	0	0	0	0	0	0
12/26/2023 18:39	43201 MVIL_T2	0	2	2	0	0	0	0	0	0	0	0	0	0	0
12/26/2023 18:39	53501 EVIL_T2	3	7	4	0.87	0.34	-0.53	-0.63	-0.63	0	0	0	0	0	0
12/26/2023 18:39	56504 ROCK_T2	0	0	0	0	0	0	-0.47	-0.47	0	0	0	0	0	0
12/26/2023 18:39	63404 HONY_T1	2	2	0	6.55	6.95	0.4	0	0	0	0	0	0	0	0
12/26/2023 18:39	46903 MNTG_T2	0	12	12	0	0.14	0.14	-0.35	-0.28	1	1	0	600	600	0
12/26/2023 18:39	49803 UNIV_T1	0	0	0	0	0	0	-1.07	-1.1	0	0	0	0	0	0
12/26/2023 18:40	46001 BERW_T1	0	0	0	0	0	0	0.84	0.88	0	0	0	0	0	0
12/26/2023 18:40	43001 ALWD_T1	1	4	3	0.1	0.1	0	0	0	0	0	0	0	0	0
12/26/2023 18:40	61303 EARL_T1	0	0	0	0	0	0	0.39	0.37	0	0	0	0	0	0
12/26/2023 18:40	40602 PIGR_T1	0	0	0	0	0	0	0	0	1	1	0	600	600	0
12/26/2023 18:40	46903 MNTG_T2	0	12	12	0	0.14	0.14	-0.35	-0.28	1	1

12/26/2023 18:43	43402 BENT_T1	0	0	0	0	0	0	-1.54	-1.55	2	2	0	1500	1500	900	0
12/26/2023 18:43	64101 REFR_T1	0	0	0	0	0	0	-0.111	-0.11	0	0	0	0	0	0	0
12/26/2023 18:44	67401 WAKE_T2	0	0	0	0	0	0	-1.17	-1.18	0	0	0	0	0	0	0
12/26/2023 18:44	67402 WAKE_T2	0	0	0	0	0	0	-0.41	-0.41	1	1	0	600	600	0	0
12/26/2023 18:44	53901 HALI_T2	0	1	1	0	0.1	0.1	0	0	0	0	0	0	0	0	0
12/26/2023 18:44	64101 REFR_T1	0	0	0	0	0	0	-0.111	-0.11	0	0	0	0	0	0	0
12/26/2023 18:44	65902 SAKR_T2	0	0	0	0	0	0	-0.5	-0.49	1	1	0	300	300	0	0
12/26/2023 18:45	57403 SPAN_T1	0	0	0	0	0	0	0.07	0.07	0	0	0	0	0	0	0
12/26/2023 18:46	41902 REED_T1	1	0	-1	0.5	0	-0.5	2.17	2.24	0	0	0	0	0	0	0
12/26/2023 18:46	60101 COCA_T1	0	0	0	0	0	0	0.37	0.37	0	0	0	0	0	0	0
12/26/2023 18:47	67503 WEWI_T2	0	0	0	0	0	0	-0.19	-0.23	0	0	0	0	0	0	0
12/26/2023 18:48	61303 EARL_T1	0	0	0	0	0	0	0.39	0.37	0	0	0	0	0	0	0
12/26/2023 18:48	41801 GOCI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/26/2023 18:48	60701 BREC_T1	0	3	3	0	0.1	0.1	-0.49	-0.5	1	1	0	600	600	0	0
12/26/2023 18:52	66703 STRA_T1	0	0	0	0	0	0	-0.33	-0.34	0	0	0	0	0	0	0
12/26/2023 18:58	57401 SPAN_T1	0	0	0	0	0	0	-0.74	-0.79	1	1	0	600	600	0	0
12/26/2023 19:03	65003 NEFF_T2	0	3	3	0	0.2	0.2	0	0	0	0	0	0	0	0	0
12/26/2023 19:10	24801 VALM_T1	0	0	0	0	0	0	-0.33	-0.28	1	0	0	0	0	0	0
12/26/2023 20:11	60701 BREC_T1	0	0	0	0	0	0	-0.53	-0.54	1	1	0	600	600	0	0
12/26/2023 21:30	64204 KINZ_T1	1	1	0	0.4	0.5	0.1	0	0	0	0	0	0	0	0	0
12/26/2023 22:10	43401 BENT_T1	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0
12/26/2023 23:19	57401 SPAN_T1	2	2	0	0.55	0.55	0	0	0	0	0	0	0	0	0	0
12/27/2023 0:14	21206 ECAR_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/27/2023 4:11	53903 HALI_T2	2	2	0	1	0.9	-0.1	-0.17	-0.18	0	0	0	0	0	0	0
12/27/2023 4:17	53901 HALI_T2	1	1	0	0.2	0.6	0.4	0	0	0	0	0	0	0	0	0
12/27/2023 7:54	45501 DERR_T2	3	3	0	0.47	0	-0.47	0.19	0.21	4	4	0	3600	3600	0	0
12/27/2023 7:56	43402 BENT_T1	0	0	0	0	0	0	-3.07	-3.06	4	4	0	3000	3000	0	0
12/27/2023 8:09	59101 WALK_T2	14	44	30	3.82	0	-3.82	1.63	1.11	2	2	0	1050	1050	0	0
12/27/2023 8:16	55002 NEWP_T1	4	6	2	0.4	0.52	0.12	-0.25	-0.25	0	0	0	0	0	0	0
12/27/2023 8:17	55002 NEWP_T1	4	6	2	0.4	0.52	0.12	-0.5	-0.5	0	0	0	0	0	0	0
12/27/2023 8:20	55001 NEWP_T1	0	1	1	0	0.1	0.1	0	0	0	0	0	0	0	0	0
12/27/2023 8:35	55001 NEWP_T1	0	1	1	0	0.1	0.1	0	0	0	0	0	0	0	0	0
12/27/2023 8:36	67103 SPRI_T1	0	1	1	0	0	0	-0.08	-0.11	0	0	0	0	0	0	0
12/27/2023 8:37	67103 SPRI_T1	0	1	1	0	0	0	-0.08	-0.11	0	0	0	0	0	0	0
12/27/2023 8:39	53601 DALM_T2	1	2	1	0.2	0.1	-0.1	0.19	0.2	0	0	0	0	0	0	0
12/27/2023 9:00	43304 WATS_T2	0	0	0	0	0	0	-0.03	-0.02	0	0	0	0	0	0	0
12/27/2023 9:00	43402 BENT_T1	0	0	0	0	0	0	-1.29	-1.35	1	2	1	900	1500	600	0
12/27/2023 9:00	53901 HALI_T2	1	1	0	0.5	0.2	-0.3	0	0	0	0	0	0	0	0	0
12/27/2023 9:00	57401 SPAN_T1	0	0	0	0	0	0	-1.03	-1.01	1	1	0	600	600	0	0
12/27/2023 9:00	64203 KINZ_T1	0	0	0	0	0	0	0.05	-0.15	1	1	0	600	600	0	0
12/27/2023 9:00	59102 WALK_T2	5	9	4	2.2	0	-2.2	-0.25	-0.28	1	1	0	600	600	0	0
12/27/2023 9:00	67503 WEWI_T2	1	1	0	0.9	0	-0.9	-0.5	-0.56	0	0	0	0	0	0	0
12/27/2023 9:00	27502 WEIS_T2	0	0	0	0	0	0	0.03	0.05	0	0	0	0	0	0	0
12/27/2023 9:00	43001 ALWD_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/27/2023 9:00	23401 HONE_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/27/2023 9:00	67605 WARW_T1	0	0	0	0	0	0	-0.89	-0.89	0	0	0	0	0	0	0
12/27/2023 9:01	42802 SELI_T1	0	0	0	0	0	0	-2.17	-2.16	1	1	0	900	900	0	0
12/27/2023 9:07	57403 SPAN_T1	0	0	0	0	0	0	0.06	0.06	0	0	0	0	0	0	0
12/27/2023 9:08	67105 SPRI_T1	0	3	3	0	1.2	1.2	0	0	0	0	0	0	0	0	0
12/27/2023 9:08	46003 BERW_T2	1	1	0	5	5.3	0.3	0	0	0	0	0	0	0	0	0
12/27/2023 9:09	45501 DERR_T2	0	1	1	0	0	0	0.15	0.09	2	2	0	1800	1800	0	0
12/27/2023 9:09	67105 SPRI_T1	0	3	3	0	1.2	1.2	0	0	0	0	0	0	0	0	0
12/27/2023 9:10	53601 DALM_T2	2	1	-1	2.55	0.2	-2.35	0.2	0.21	0	0	0	0	0	0	0
12/27/2023 9:12	45501 DERR_T2	0	1	1	0	0	0	0.15	0.09	2	2	0	1800	1800	0	0
12/27/2023 9:12	40101 HUNT_T2	0	1	1	0	0	0	-0.38	-0.42	0	0	0	0	0	0	0
12/27/2023 9:14	40101 HUNT_T2	0	1	1	0	0	0	-0.38	-0.42	0	0	0	0	0	0	0
12/27/2023 9:15	46903 MNTG_T2	0	0	0	0	0	0	-0.06	-0.09	2	2	0	1200	1200	0	0
12/27/2023 9:16	43202 MVIL_T2	0	1	1	0	0	0	-0.6	-0.6	0	0	0	0	0	0	0
12/27/2023 9:17	46903 MNTG_T2	0	0	0	0	0	0	-0.03	-0.05	1	1	0	600	600	0	0
12/27/2023 9:18	13503 MCMI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/27/2023 9:19	43202 MVIL_T2	0	1	1	0	0	0	-0.6	-0.6	0	0	0	0	0	0	0
12/27/2023 9:23	52102 MEIS_T1	0	1	1	0	0	0	0	0	1	1	0	450	450	0	0
12/27/2023 9:26	29401 BELT_T1	0	1	1	0	0.1	0.1	0	0	0	0	0	0	0	0	0
12/27/2023 9:29	52404 GRPA_T2	0	0	0	0	0	0	0.65	0.87	0	0	0	0	0	0	0
12/27/2023 9:30	13302 ORVI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/27/2023 9:31	55002 NEWP_T1	3	5	2	0.33	0.18	-0.15	-0.25	-0.25	0	0	0	0	0	0	0
12/27/2023 9:32	41901 REED_T1	9	9	0	0.33	0.29	-0.04	0	0	0	0	0	0	0	0	0
12/27/2023 9:32	52403 GRPA_T2	2	3	1	0.5	0	-0.5	0	0	0	0	0	0	0	0	0
12/27/2023 9:32	13302 ORVI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/27/2023 9:33	56501 ROCK_T2	0	0	0	0	0	0	-0.91	-0.91	0	0	0	0	0	0	0
12/27/2023 9:34	40602 PIGR_T1	0	0	0	0	0	0	0	-0.19	0	0	0	0	0	0	0
12/27/2023 9:34	20601 GRWO_T2	9	0	-9	0.94	0	-0.94	1.17	0.55	0	0	0	0	0	0	0
12/27/2023 9:35	55002 NEWP_T1	3	5	2	0.33	0.18	-0.15	-0.49	-0.49	0	0	0	0	0	0	0
12/27/2023 9:36	41901 REED_T1	9	9	0	0.33	0.29	-0.04	0	0	0	0	0	0	0	0	0
12/27/2023 9:36	67204 TEHI_T2	0	0	0	0	0	0	-0.03	-0.03	0	0	0	0	0	0	0
12/27/2023 9:39	49804 UNIV_T1	0	1	1	0	0.4	0.4	0	0	0	0	0	0	0	0	0
12/27/2023 9:39	67503 WEWI_T2	0	0	0	0	0	0	-0.17	-0.19	0	0	0	0	0	0	0
12/27/2023 9:40	67204 TEHI_T2	0	0	0	0	0	0	-0.03	-0.03	0	0	0	0	0	0	0
12/27/2023 9:41	43402 BENT_T1	0	0	0	0	0	0	-1.35	-1.35	2	2	0	1500	1500	0	0
12/27/2023 9:44	41801 GOCI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/27/2023 9:46	41802 GOCI_T2	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0
12/27/2023 9:48	13302 ORVI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/27/2023 9:48	46903 MNTG_T2	0	0	0	0	0	0	-0.04	-0.03	1	1	0	600	600	0	0
12/27/2023 9:49	66504 SMAN_T2	0	0	0	0	0	0	-0.54	-0.47	0	0	0	0	0	0	0
12/27/2023 9:49	64101 REFR_T1	0	0	0	0	0	0	-0.32	-0.32	0	0	0	0	0	0	0
12/27/2023 9:50	13302 ORVI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/27/2023 9:51	66504 SMAN_T2	0	0	0	0	0	0	-1.07	-0.94	0	0	0	0	0	0	0
12/27/2023 9:51	67502 WEWI_T2	0	0	1	0	0	0	-1.2	-1.21	1	1	0	900	900	0	0
12/27/2023 9:51	64101 REFR_T1	0	0	0	0	0	0	-0.11	-0.11	0	0	0	0	0	0	0
12/27/2023 9:52	64101 REFR_T1	0	0	0	0	0	0	-0.43	-0.43	0	0	0	0	0	0	0
12/27/2023 9:53	56802 BENV_T2	0	128	128	0	0.31	0.31	-1.46	-1.45	0	0	0	0	0	0	0
12/27/2023 9:53	46001 BERW_T1	0	0	0	0	0	0	1	1.08	0	0	0	0	0	0	0
12/27/2023 9:54	29402 BELT_T1	1	1	0	6.5	6.8	0.3	0	0	0	0	0	0	0	0	0
12/27/2023 9:54	52102 MEIS_T1	0	1	1	0	0	0	0	0	1	1	0	450	450	0	0
12/27/2023 9:54	40502 CRES_T2	0	0	0	0	0	0	0.13	0.13	0	0	0	0	0	0	0
12/27/2023 9:55	52102 MEIS_T1	0	1	1	0	0	0	0	0	1	1	0	450	450	0	0
12/27/2023 9:55	67402 WAKE_T2	0	0	0	0	0	0	-0.43	-0.43	1	1	0	600	600	0	0
12/27/2023 9:55	56802 BENV_T2	0	128	128	0	0.31	0.31	-1.45	-1.45	0	0	0	0	0	0	0
12/27/2023 9:56	46001 BERW_T1	0	0	0	0	0	0	1	1.08	0	0	0	0	0	0	0
12/27/2023 9:56	40502 CRES_T2	0	0	0	0	0	0	0.13	0.13	0	0	0	0	0	0	0
12/27/2023 9:56	56802 BENV_T2	0	128	128	0	0.31	0.31	-1.45	-1.45	0	0	0	0	0	0	0
12/27/2023 9:58	40502 CRES_T2	0	0	0	0	0	0	0.13	0.13	0	0	0	0	0	0	0
12/27/2023 10:01	55001 NEWP_T1	0	1	1	0	0.2	0.2	0	0	0	0	0	0	0	0	0
12/27/2023 10:02	55001 NEWP_T1	0	1	1	0	0.2	0.2	0	0	0	0	0	0	0	0	0
12/27/2023 10:02	40603 PIGR_T1	0	0	0	0	0	0	-0.64	-0.64	0	0	0	0	0	0	0
12/27/2023 10:03	57304 MOAL_T2	0	0	0	0	0	0	-0.43	-0.42	0	0	0	0	0	0	0
12/27/2023 10:05	57401 SPAN_T1	0	0	0	0	0	0	-2.24	-2.27	2	2	0	1200	1200	0	0
12/27/2023 10:06	27502 WEIS_T2	0	0	0	0	0	0	0.08	0.08	0	0	0	0	0	0	0
12/27/2023 10:07	57401 SPAN_T1	0	0	0	0	0	0	-1.12	-1.13	1	1	0	600	600	0	0
12/27/2023 10:08	57401 SPAN_T1	0	0	0	0	0	0	-2.24	-2.27	2	2	0	1200	1200	0	0
12/27/2023 10:08	56802 BENV_T2	12	132	120	0.2	0.3	0.1	-1.45	-1.45	0	0	0	0	0	0	0
12/27/2023 10:08	55001 NEWP_T1	0	1	1	0	0.2	0.2	0	0	0	0	0	0	0	0	0
12/27/2023 10:08	65901 SAKR_T2	1	1	0	8.3	8.3	0	-1.21	-1.18	1	1	0	900	900	0	0
12/27/2023 10:09	56802 BENV_T2	12	132	120	0.2	0.3	0.1	-2.89	-2.88	0	0	0	0	0	0	0
12/27/2023 10:10	53501 EVIL_T2	8	8	0	1.08	1.45	0.37	-0.13	-0.24	0	0	0	0	0	0	0
12/27/2023 10:10	56802 BENV_T2	12	132	120	0.2	0.3	0.1	-5.78	-5.77	0	0	0	0	0	0	0
12/27/2023 10:11	52403 GRPA_T2	0	13	13	0	0.14	0.14	0	0	0	0	0	0	0	0	0
12/27/2023 10:11	62604 ENGL_T1	0	0	0	0	0	0	-0.49	-0.49	1	1	0	600	600	0	0
12/27/2023 10:11	53501 EVIL_T2	8	8	0	1.08	1.45	0.37	-0.13	-0.24	0	0	0	0	0	0	0
12/27/2023 10:11	56802 BENV_T2	12	132	120	0.2	0.3	0.1	-5.78	-5.77	0	0	0	0	0	0	0
12/27/2023 10:12	52402 GRPA_T2	4	4	0	1.05	1.1	0.05	-0.92	-0.92	0	0	0	0	0	0	0
12/27/2023 10:12	52403 GRPA_T2	0	13	13	0	0.14	0.14	0.14	0.13	0	0	0	0	0	0	0
12/27/2023 10:12	62604 ENGL_T1	0	0	0	0	0	0	-0.49	-0.49	1	1	0	600	600	0	0
12/27/2023 10:12	56802 BENV_T2	12	132	120	0.2	0.3	0.1	-1.45	-1.44	0	0	0	0	0	0	0
12/27/2023 10:12	27502 WEIS_T2	0	0	0	0	0	0	0.08	0.1	0	0	0	0	0	0	0
12/27/2023 10:13	12701 MACU_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/27/2023 10:13	53501 EVIL_T2	8	8	0	1.08	1.45	0.37	-0.13	-0.24	0	0	0	0	0	0	0
12/27/2023 10:13	62604 ENGL_T1	0	0	0	0	0	0	-0.49	-0.49	1	1	0	600	600	0	0
12/27/2023 10:13	61801 EELI_T2	0	0	0	0	0	0	-0.87	-0.88	1	1	0	600	600	0	0
12/27/2023 10:13	63401 HONY_T1	0	0	0	0	0	0	0.65	0.64	0	0	0	0	0	0	0
12/27/2023 10:14	52403 GRPA_T2	0	13	13	0	0.14	0.14	0.14	0.13	0	0	0	0	0	0	0
12/27/2023 10:14	53501 EVIL_T2	8	8	0	1.08	1.45	0.37	-0.13	-0.24	0	0	0	0	0	0	0
12/27/2023 10:14	45802 HEGI_T2	0	1	1	0	0.4	0.4	1.97	1.8	0	0	0	0	0	0	0
12/27/2023 10:15	53501 EVIL_T2	7	8	1	0.71	1.45	0.74	-0.13	-0.24	0	0	0	0	0	0	0
12/27/2023 10:16	40602 PIGR_T1	0	0	0	0	0	0	-0.19	-0.18	0	0	0	0	0	0	0
12/27/2023 10:16	56802 BENV_T2	128	136	8	0.31	0.29	-0.02	-1.45	-1.44	0	0	0	0	0	0	0
12/27/2023 10:16	43201 MVIL_T2	0	0	0	0	0	0	-1	-1.17	0	0	0	0	0	0	0
12/27/2023 10:18	12701 MACU_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/27/2023 10:19	52503 PROG_T2	0	0	0	0	0	0	-0.65	-0.66	1	1	0	900	900	0	0
12/27/2023 10:20	40602 PIGR_T1	0	0	0	0	0	0	-0.19	-0.18	0	0	0	0	0	0	0
12/27/2023 10:20	52503 PROG_T2	0	0	0	0	0	0	-0.65	-0.66	1	1	0	900	900	0	0
12/27/2023 10:21	57401 SPAN_T1	0	0	0	0	0	0	-2.27	-2.05	2	2	0	1200	1200	0	0
12/27/2023 10:21	56501 ROCK_T2	1	1	0	0.5	0.8	0.3	-0.91	-0.91	0	0	0	0	0	0	0
12/27/2023 10:21	56802 BENV_T2	128	136	8	0.31	0.29	-0.02	-1.45	-1.44	0	0	0	0	0	0	0
12/27/2023 10:22	55101 WERT_T1	0	0	0	0	0	0	-0.93	-0.89	2	2	0	1500	1500	0	0
12/27/2023 10:23	44302 BEAV_T2	6	13	7	3.23	0	-3.23	0	0	0	0	0	0	0	0	0
12/27/2023 10:23	67502 WEWI_T2	0	0	0	0	0	0	-3.6	-3.56	3	3	0	2700	2700	0	0
12/27/2023 10:23	67204 TEHI_T2	0	0	0	0	0	0	-0.02	-0.02	0	0	0	0	0	0	0
12/27/2023 10:24	25801 SUTR_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/27/2023 10:26	55105 WERT_T1	2	0	-2	2.05	0	-2.05	0	0	0	0	0	0	0	0	0
12/27/2023 10:26	27101 GFLD_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/27/2023 10:30	12701 MACU_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/27/2023 10:30	52402 GRPA_T2	4	4	0	1.1	1.1	0	0	0	0	0	0	0	0	0	0
12/27/2023 10:30	16402 MOPO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/27/2023 10:32	12701 MACU_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/27/2023 10:32	40101 HUNT_T2	1	2	1	0.4	0.4	0	-0.42	-0.41	0	0	0	0	0	0	0
12/27/2023 10:32	60501 NMAN_T2	3	3	0	3.93	4.07	0.14	0	0	0	0	0	0	0	0	0
12/27/2023 10:34	43202 MVIL_T2	0	0	0	0	0	0	-0.62	-0.62	0	0	0	0	0	0	0
12/27/2023 10:34	16402 MOPO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/27/2023 10:35	43001 ALWD_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/27/2023 10:35	13302 ORVI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/27/2023 10:36	67503 WEWI_T2	0	0	0	0	0	0	-0.29	-0.26	0	0	0	0	0	0	0
12/27/2023 10:38	56801 BENV_T1	8	16	8	0.38	0.45	0.07	-0.74	-0.74	1	1	0	600	600	0	0
12/27/2023 10:38	56802 BENV_T2	86	140	54	0.2	0.29	0.09	-2.88	-2.87	0	0	0	0	0	0	0
12/27/2023 10:39	45502 DERR_T2	0	1	1	0	0.3	0.3	0	0	0	0	0	0	0	0	0
12/27/2023 10:39	56801 BENV_T1	8	16	8	0.38	0.45	0.07	-0.74	-0.73	1	1	0	600	600	0	0
12/27/2023 10:39	14403 SSLA_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/27/2023 10:40	52402 GRPA_T2	4	4	0	1.1	1.1	0	0	0	0	0	0	0	0	0	0
12/27/2023 10:40	67503 WEWI_T2	0	0	0	0	0	0	-0.26	-0.22	0	0	0	0	0	0	0
12/27/2023 10:41	43001 ALWD_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/27/2023 10:41	45501 DERR_T2	0	0	0	0	0	0	0.09	0.08	2	2	0	1800	1800	0	0
12/27/2023 10:43	46801 HEPB_T2	2	2	0	0.35	0.4	0.05	0.66	0.64	0	0	0	0	0	0	0

12/27/2023 11:35	67203 TEHI_T1	0	0	0	0	0	0	1.68	2.65	1	2	1	600	1200	600
12/27/2023 11:35	56501 ROCK_T2	1	1	0	0.4	0.9	0.5	-0.91	-0.91	0	0	0	0	0	0
12/27/2023 11:35	13302 ORVI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/27/2023 11:36	14403 SSLA_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/27/2023 11:36	55101 WERT_T1	1	0	-1	2	0	-2	-1.58	-1.55	2	2	0	1500	1500	0
12/27/2023 11:36	20401 ASHF_T2	1	0	-1	0.1	0	-0.1	0	0	0	0	0	0	0	0
12/27/2023 11:36	59101 WALK_T2	67	95	28	3.31	3.03	-0.28	2.04	2.38	0	0	0	0	0	0
12/27/2023 11:36	13302 ORVI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/27/2023 11:37	67204 TEHI_T2	0	0	0	0	0	0	-0.03	-0.03	0	0	0	0	0	0
12/27/2023 11:37	57401 SPAN_T1	0	0	0	0	0	0	-1.09	-1.09	1	1	0	600	600	0
12/27/2023 11:37	49804 UNIV_T1	0	1	-1	0	0.1	0.1	0	0	0	0	0	0	0	0
12/27/2023 11:38	20403 ASHF_T2	0	0	0	0	0	0	0.14	0.13	0	0	0	0	0	0
12/27/2023 11:38	57403 SPAN_T1	0	1	1	0	0	0	0.08	0.08	0	0	0	0	0	0
12/27/2023 11:38	57403 SPAN_T1	0	1	1	0	0	0	0.08	0.08	0	0	0	0	0	0
12/27/2023 11:38	56501 ROCK_T2	1	1	0	0.4	0.9	0.5	-0.91	-0.91	0	0	0	0	0	0
12/27/2023 11:39	59102 WALK_T2	13	27	14	1.65	0	-1.65	0	0	0	0	0	0	0	0
12/27/2023 11:40	60803 BUCK_T1	0	0	0	0	0	0	-1.54	-1.54	1	1	0	600	600	0
12/27/2023 11:40	59102 WALK_T2	13	27	14	1.65	0	-1.65	0	0	0	0	0	0	0	0
12/27/2023 11:40	66703 STRA_T1	0	0	0	0	0	0	-0.1	-0.09	0	0	0	0	0	0
12/27/2023 11:41	56504 ROCK_T2	0	0	0	0	0	0	-0.29	-0.25	0	0	0	0	0	0
12/27/2023 11:42	60803 BUCK_T1	0	0	0	0	0	0	-1.54	-1.54	1	1	0	600	600	0
12/27/2023 11:43	63401 HONY_T1	0	0	0	0	0	0	0.72	0.69	0	0	0	0	0	0
12/27/2023 11:44	45802 HEGI_T2	0	0	0	0	0	0	1.59	0.98	2	2	0	600	600	0
12/27/2023 11:46	27101 GFLD_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/27/2023 11:48	54206 PENN_T2	0	0	0	0	0	0	0.02	0.02	0	0	0	0	0	0
12/27/2023 11:49	14403 SSLA_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/27/2023 11:52	55103 WERT_T1	2	0	-2	2.15	0	-2.15	0	0	0	0	0	0	0	0
12/27/2023 11:52	14403 SSLA_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/27/2023 11:54	43001 ALWD_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/27/2023 11:58	63404 HONY_T1	2	2	0	5.7	5.85	0.15	0	0	0	0	0	0	0	0
12/27/2023 11:59	61801 EELI_T2	0	0	0	0	0	0	-1.81	-1.82	2	2	0	1200	1200	0
12/27/2023 12:03	59301 MCAL_T1	42	37	-5	1.86	0.55	-1.31	0	0	0	0	0	0	0	0
12/27/2023 12:03	64101 REFR_T1	0	0	0	0	0	0	-0.1	-0.1	0	0	0	0	0	0
12/27/2023 12:04	64101 REFR_T1	0	0	0	0	0	0	-0.1	-0.1	0	0	0	0	0	0
12/27/2023 12:05	64101 REFR_T1	0	0	0	0	0	0	-0.21	-0.2	0	0	0	0	0	0
12/27/2023 12:06	64101 REFR_T1	0	0	0	0	0	0	-0.1	-0.1	0	0	0	0	0	0
12/27/2023 12:07	55101 WERT_T1	0	0	0	0	0	0	-1.64	-1.58	2	2	0	1500	1500	0
12/27/2023 12:07	60305 TWVA_T2	0	0	0	0	0	0	0.18	0.43	2	2	0	2400	2400	0
12/27/2023 12:08	49804 UNIV_T1	1	0	-1	0.1	0	-0.1	0	0	0	0	0	0	0	0
12/27/2023 12:08	64101 REFR_T1	0	0	0	0	0	0	-0.21	-0.2	0	0	0	0	0	0
12/27/2023 12:10	43001 ALWD_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/27/2023 12:12	60803 BUCK_T1	0	0	0	0	0	0	-1.54	-1.55	1	1	0	600	600	0
12/27/2023 12:13	54505 ENOL_T2	1	1	0	0.6	0.7	0.1	0	0	0	0	0	0	0	0
12/27/2023 12:14	63401 HONY_T1	0	0	0	0	0	0	0.71	0.76	0	0	0	0	0	0
12/27/2023 12:16	45802 HEGI_T2	0	0	0	0	0	0	1.36	1.44	2	2	0	600	600	0
12/27/2023 12:21	59102 WALK_T2	4	0	-4	2.38	0	-2.38	0	0	0	0	0	0	0	0
12/27/2023 12:22	59102 WALK_T2	4	0	-4	2.38	0	-2.38	0	0	0	0	0	0	0	0
12/27/2023 12:23	60305 TWVA_T2	0	0	0	0	0	0	0.43	-0.22	2	2	0	2400	2400	0
12/27/2023 12:25	59102 WALK_T2	4	0	-4	2.38	0	-2.38	0	0	0	0	0	0	0	0
12/27/2023 12:27	61505 EPET_T1	0	0	0	0	0	0	0.34	0.34	0	0	0	0	0	0
12/27/2023 12:30	59302 MCAL_T1	0	0	0	0	0	0	-0.38	-0.36	1	1	0	600	600	0
12/27/2023 12:49	44901 SCOT_T2	0	0	0	0	0	0	0	-0.13	0	0	0	0	0	0
12/27/2023 12:50	49804 UNIV_T1	1	0	-1	0.4	0	-0.4	0	0	0	0	0	0	0	0
12/27/2023 12:50	14403 SSLA_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/27/2023 12:52	14403 SSLA_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/27/2023 13:01	63401 HONY_T1	0	0	0	0	0	0	0.63	0.73	0	0	0	0	0	0
12/27/2023 13:07	53901 HALI_T2	1	1	0	0.1	0.1	0	0	0	0	0	0	0	0	0
12/27/2023 13:18	43402 BENT_T1	0	0	0	0	0	0	-1.33	-1.22	2	2	0	1500	1500	0
12/27/2023 13:19	14403 SSLA_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/27/2023 13:22	14403 SSLA_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/27/2023 13:23	14801 TREI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/27/2023 13:39	43001 ALWD_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/27/2023 13:48	54205 PENN_T1	68	74	6	0.16	0.28	0.12	0	0	0	0	0	0	0	0
12/27/2023 13:54	20401 ASHF_T2	1	1	0	0.1	0.1	0	0	0	0	0	0	0	0	0
12/27/2023 14:06	67001 STHI_T2	2	1	-1	0.4	0.3	-0.1	0	0	0	0	0	0	0	0
12/27/2023 14:06	59101 WALK_T2	1	1	0	0	0	0	2.48	2.26	0	0	0	0	0	0
12/27/2023 14:06	14403 SSLA_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/27/2023 14:07	67001 STHI_T2	2	1	-1	0.4	0.3	-0.1	0	0	0	0	0	0	0	0
12/27/2023 14:08	60305 TWVA_T2	0	0	0	0	0	0	-0.47	-0.59	2	2	0	2400	2400	0
12/27/2023 14:09	14403 SSLA_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/27/2023 14:11	54502 ENOL_T2	1	1	0	0.2	0.5	0.3	-2	-1.98	1	1	0	600	600	0
12/27/2023 14:12	54505 ENOL_T2	1	1	0	0.7	0.8	0.1	0	0	0	0	0	0	0	0
12/27/2023 14:15	54505 ENOL_T2	1	1	0	0.8	0.9	0.1	0	0	0	0	0	0	0	0
12/27/2023 14:18	40602 PIGR_T1	0	0	0	0	0	0	-0.16	-0.16	0	0	0	0	0	0
12/27/2023 14:19	52502 PROG_T2	0	0	0	0	0	0	-0.61	0.37	1	0	-1	900	0	-900
12/27/2023 14:19	65001 NEFF_T2	0	0	0	0	0	0	-0.85	-0.86	1	1	0	1200	1200	0
12/27/2023 14:19	64101 REFR_T1	0	0	0	0	0	0	-0.09	-0.09	0	0	0	0	0	0
12/27/2023 14:20	48302 ORWI_T2	2	2	0	0.9	1.05	0.15	0.09	0.08	0	0	0	0	0	0
12/27/2023 14:20	13302 ORVI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/27/2023 14:20	40603 PIGR_T1	0	0	0	0	0	0	-0.66	-0.66	0	0	0	0	0	0
12/27/2023 14:20	57304 MOAL_T2	0	0	0	0	0	0	-0.39	-0.39	0	0	0	0	0	0
12/27/2023 14:20	64101 REFR_T1	0	0	0	0	0	0	-0.09	-0.09	0	0	0	0	0	0
12/27/2023 14:21	64101 REFR_T1	0	0	0	0	0	0	-0.09	-0.09	0	0	0	0	0	0
12/27/2023 14:22	67502 WEWI_T2	10	16	6	0.12	0.14	0.02	-1.26	-1.31	1	1	0	900	900	0
12/27/2023 14:22	64101 REFR_T1	0	0	0	0	0	0	-0.09	-0.09	0	0	0	0	0	0
12/27/2023 14:22	52503 PROG_T2	0	0	0	0	0	0	-0.64	-0.64	1	1	0	900	900	0
12/27/2023 14:22	59101 WALK_T2	1	1	0	0	0	0	4.52	4.68	0	0	0	0	0	0
12/27/2023 14:22	67502 WEWI_T2	10	16	6	0.12	0.14	0.02	-1.26	-1.31	1	1	0	900	900	0
12/27/2023 14:23	67503 WEWI_T2	0	0	0	0	0	0	-0.25	-0.26	0	0	0	0	0	0
12/27/2023 14:23	67501 WEWI_T1	0	0	0	0	0	0	-2.15	-2.32	2	2	0	1200	1200	0
12/27/2023 14:23	67503 WEWI_T2	0	0	0	0	0	0	-0.25	-0.26	0	0	0	0	0	0
12/27/2023 14:23	64101 REFR_T1	0	0	0	0	0	0	-0.09	-0.09	0	0	0	0	0	0
12/27/2023 14:24	67503 WEWI_T2	0	0	0	0	0	0	-0.26	-0.32	0	0	0	0	0	0
12/27/2023 14:24	67503 WEWI_T2	0	0	0	0	0	0	-0.26	-0.32	0	0	0	0	0	0
12/27/2023 14:24	60305 TWVA_T2	0	0	0	0	0	0	-0.33	-0.41	2	2	0	2400	2400	0
12/27/2023 14:26	67502 WEWI_T2	10	16	6	0.12	0.14	0.02	-2.62	-2.64	2	2	0	1800	1800	0
12/27/2023 14:30	46903 MNTG_T2	0	111	111	0	0.22	0.22	-0.03	0	1	1	0	600	600	0
12/27/2023 14:31	59301 MCAL_T1	1	1	0	0.4	0.5	0.1	0	0	0	0	0	0	0	0
12/27/2023 14:32	46901 MNTG_T2	0	0	0	0	0	0	1.29	1.14	0	0	0	0	0	0
12/27/2023 14:32	46901 MNTG_T2	0	0	0	0	0	0	1.29	1.14	0	0	0	0	0	0
12/27/2023 14:34	40602 PIGR_T1	0	0	0	0	0	0	-0.16	-0.15	0	0	0	0	0	0
12/27/2023 14:34	44901 SCOT_T2	0	0	0	0	0	0	-0.21	0.09	0	0	0	0	0	0
12/27/2023 14:35	64902 MILL_T2	0	0	0	0	0	0	-0.77	-0.77	1	1	0	900	900	0
12/27/2023 14:35	65001 NEFF_T2	0	0	0	0	0	0	-0.86	-0.71	1	1	0	1200	1200	0
12/27/2023 14:36	49803 UNIV_T1	6	13	7	0.1	0.13	0.03	-1.03	-1.02	0	0	0	0	0	0
12/27/2023 14:36	52101 MEIS_T1	1	1	0	0.6	1	0.4	0	0	0	0	0	0	0	0
12/27/2023 14:36	40603 PIGR_T1	0	0	0	0	0	0	-0.66	-0.66	0	0	0	0	0	0
12/27/2023 14:37	52501 PROG_T1	0	0	0	0	0	0	0.34	0.32	1	1	0	300	300	0
12/27/2023 14:37	66303 MCGO_T2	1	1	0	0.7	0.8	0.1	0	0	0	0	0	0	0	0
12/27/2023 14:38	67502 WEWI_T2	11	14	3	0.16	0.15	-0.01	0	0	0	0	0	0	0	0
12/27/2023 14:38	59101 WALK_T2	1	1	0	0	0	0	2.34	1.95	0	0	0	0	0	0
12/27/2023 14:39	67502 WEWI_T2	11	14	3	0.16	0.15	-0.01	0	0	0	0	0	0	0	0
12/27/2023 14:39	67501 WEWI_T1	0	0	0	0	0	0	-2.24	-2.32	2	2	0	1200	1200	0
12/27/2023 14:39	67203 TEHI_T1	0	0	0	0	0	0	1.85	2.2	2	2	0	1200	1200	0
12/27/2023 14:40	67503 WEWI_T2	0	0	0	0	0	0	-0.32	-0.24	0	0	0	0	0	0
12/27/2023 14:40	60305 TWVA_T2	0	0	0	0	0	0	-0.41	-1.38	2	2	0	2400	2400	0
12/27/2023 14:40	67502 WEWI_T2	11	14	3	0.16	0.15	-0.01	-3.96	-3.99	3	3	0	2700	2700	0
12/27/2023 14:40	67605 WARW_T1	0	1	1	0	0.2	0.2	-1.29	-1.29	0	0	0	0	0	0
12/27/2023 14:40	20403 ASHF_T2	0	0	0	0	0	0	0.27	0.26	0	0	0	0	0	0
12/27/2023 14:41	67502 WEWI_T2	11	14	3	0.16	0.15	-0.01	-1.32	-1.33	1	1	0	900	900	0
12/27/2023 14:44	41801 GOCI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/27/2023 14:46	59302 MCAL_T1	0	1	1	0	0.3	0.3	-0.42	-0.4	1	1	0	600	600	0
12/27/2023 14:46	59002 MIFF_T1	0	5	5	0	0.22	0.22	0	0	0	0	0	0	0	0
12/27/2023 14:48	54205 PENN_T1	84	93	9	0.33	0.4	0.07	0	0	0	0	0	0	0	0
12/27/2023 14:49	54202 PENN_T2	0	0	0	0	0	0	0.67	0.66	0	0	0	0	0	0
12/27/2023 14:49	59003 MIFF_T1	0	1	1	0	0.3	0.3	-0.29	-0.63	0	0	0	0	0	0
12/27/2023 14:49	44901 SCOT_T2	0	0	0	0	0	0	0.05	-0.02	0	0	0	0	0	0
12/27/2023 14:50	40603 PIGR_T1	0	0	0	0	0	0	-0.66	-0.66	0	0	0	0	0	0
12/27/2023 14:50	56504 ROCK_T2	0	0	0	0	0	0	-0.37	-0.36	0	0	0	0	0	0
12/27/2023 14:50	40602 PIGR_T1	0	0	0	0	0	0	-0.15	-0.15	0	0	0	0	0	0
12/27/2023 14:50	44601 SALE_T2	0	0	0	0	0	0	0.61	0.67	1	1	0	600	600	0
12/27/2023 14:50	64802 MONE_T2	0	0	0	0	0	0	0.02	0.01	0	0	0	0	0	0
12/27/2023 14:52	57401 SPAN_T1	0	0	0	0	0	0	-0.86	-0.86	1	1	0	600	600	0
12/27/2023 14:54	57401 SPAN_T1	0	0	0	0	0	0	-2.58	-2.61	3	3	0	1800	1800	0
12/27/2023 14:54	59101 WALK_T2	1	1	0	0	0	0	1.82	2.28	0	0	0	0	0	0
12/27/2023 14:56	51102 CARL_T1	2	7	5	0.25	0.13	-0.12	0	0	0	0	0	0	0	0
12/27/2023 14:57	51107 CARL_T1	0	0	0	0	0	0	0	-0.02	0	0	0	0	0	0
12/27/2023 14:58	40101 HUNT_T2	0	0	0	0	0	0	-0.5	-0.55	0	0	0	0	0	0
12/27/2023 15:00	46903 MNTG_T2	94	9	-85	0.23	0.11	-0.12	-0.16	-0.13	1	1	0	600	600	0
12/27/2023 15:01	59003 MIFF_T1	1	0	-1	0.1	0.3	0.2	-0.63	-0.49	0	0	0	0	0	0
12/27/2023 15:01	64204 KINZ_T1	1	0	-1	0.6	0	-0.6	0	0	0	0	0	0	0	0
12/27/2023 15:02	40101 HUNT_T2	0	0	0	0	0	0	-0.5	-0.55	0	0	0	0	0	0
12/27/2023 15:02	63401 HONY_T1	0	0	0	0	0	0	0.88	0.99	0	0	0	0	0	0
12/27/2023 15:10	60201 ATGL_T2	0	0	0	0	0	0	0.41	0.54	0	0	0	0	0	0
12/27/2023 15:19	14403 SSLA_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/27/2023 15:20	58402 MORO_T1	0	0	0	0	0	0	-0.18	-0.18	2	2	0	1500	1500	0
12/27/2023 15:21	44901 SCOT_T2	0	0	0	0	0	0	-0.24	-0.27	0	0	0	0	0	0
12/27/2023 15:23	60101 COCA_T1	0	0	0	0	0	0	0.29	0.3	0	0	0	0	0	0
12/27/2023 15:26	60101 COCA_T1	0	0	0	0	0	0	0.3	0.3	0	0	0	0	0	0
12/27/2023 15:27	61303 EARL_T1	0	0	0	0	0	0	0.44	0.43	0	0	0	0	0	0
12/27/2023 15:28	61303 EARL_T1	0	0	0	0	0	0	0.87	0.86	0	0	0	0	0	0
12/27/2023 15:30	65001 NEFF_T2	0	0	0	0	0	0	-0.71	-0.86	1	1	0	1200	1200	0
12/27/2023 15:30	46903 MNTG_T2	9	6	-3	0.11	0.12	0.01	-0.12	-0.13	1	1	0	600	600	0
12/27/2023 15:32	46901 MNTG_T2	0	0	0	0	0	0	1.04	1.15	0	0	0	0	0	0
12/27/2023 15:32	65001 NEFF_T2	0	0	0	0	0	0	-0.71	-0.86	1	1	0	1200	1200	0
12/27/2023 15:34	46903 MNTG_T2	9	6	-3	0.11	0.12	0.01	-0.12	-0.13	1	1	0	600	600	0
12/27/2023 15:46	64204 KINZ_T1	1	1	0	0.8	0.7	-0.1	0	0	0	0	0	0	0	0
12/27/2023 15:47	64204 KINZ_T1	1	1	0	0.8	0.7	-0.1	0	0	0	0	0	0	0	0
12/27/2023 15:48	64201 KINZ_T1	404	369	-35	0.72	1.02	0.3	-0.72	-0.65	3	3	0	1500	1500	0
12/27/2023 15:48	52502 PROG_T2	0	0	0	0	0	0	0.36	-0.62	0	1	1	0	900	900
12/27/2023 15:49	64202 KINZ_T1	2	2	0	0.3	0.15	-0.15	0	0	0	0	0	0	0	0
12/27/2023 15:59	52503 PROG_T2	0	0	0	0	0	0	-0.66	-0.66	1	1	0	900	900	0
12/27/2023 16:04	54205 PENN_T1	124	100	-24	0.34	0.33	-0.01	0	0	0	0	0	0	0	0
12/27/2023 16:08	44301 BEAV_T2	0	0	0	0	0	0	-0.15	-0.1	1	1	0	600	600	0
12/27/2023 16:12	47001 HUGH_T2	0	0	0	0	0	0	-0.74	-0.74	0	0	0	0	0	0
12/27/2023 16:13	54502 ENOL_T2	1	1	0	0.5	0.2	-0.3	-2	-1.97	1	1	0	600	600	0
12/27/2023 16:14	54502 ENOL_T2	1	1	0	0.5	0.2	-0.3	-2	-1.97	1	1	0	600	600	0
12/27/2023 16:14	47901 HRDG_T1	0	0	0	0	0	0	1.15	1.24	0	0	0	0	0	0
12/27/2023 16:14	47001 HUGH_T2	0	0	0	0	0	0	-0.74	-0.74	0	0	0	0	0	0
12/27/2023 16:16	47901 HRDG_T1	0	0	0	0	0	0	1.15	1.24	0	0	0	0	0	0
12/27/2023 16:19	42801 SELI_T1	1	1	0	0	0	0	0	0	0	1	0	0	0	0
12/27/2023 16:21	42802 SELI_T1	0	0	0	0	0	0	-2.2	-2.19	1	1	0	900	900	0
12/27/2023 16:22	42801 SELI_T1	1	1	0	0	0	0	0	0	0	0	0	0	0	0
12/27/2023 16:36	48302 ORWI_T2	3	3	0	1.17	1.13	-0.04	0.03	0.04	0	0	0	0	0	0
12/27/2023 16:37	52101 MEIS_T1	1	1	0	1.2	1.1	-0.1	0	0	0	0	0	0	0	0
12/27/2023 16:44	40101 HUNT_T2	0	0	0	0	0	0	-0.58	-0.59	0	0	0	0	0	0
12/27/2023 16:46	40101 HUNT_T2	0	0	0	0	0	0	-0.58	-0.59	0	0	0	0	0	0
12/27/2023 16:49	54502 ENOL_T2	1	1	-1	0.2	0	-0.2	-1.87	-1.95	1	1	0	600	600	0
12/27/2023 17:06	26803 JAFR_T1	0	0	0	0	0	0	-0.34	-0.31	1	1	0	900	900	0
12/27/2023 17:32	40101 HUNT_T2	0	6	6	0	0.1	0.1	-0.6	-0.61	0	0

12/27/2023 18:18	59101 WALK_T2	1	4	3	0	0	0	1.6	1.75	0	0	0	0	0	0
12/27/2023 18:18	13503 MCMI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/27/2023 18:19	44901 SCOT_T2	0	0	0	0	0	0	-0.35	-0.28	0	0	0	0	0	0
12/27/2023 18:19	12701 MACU_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/27/2023 18:20	44901 SCOT_T2	0	0	0	0	0	0	-0.35	-0.28	0	0	0	0	0	0
12/27/2023 18:20	52402 GRPA_T2	5	6	1	0.94	1.25	0.31	0	0	0	0	0	0	0	0
12/27/2023 18:20	40602 PIGR_T1	0	0	0	0	0	0	-0.69	-0.69	0	0	0	0	0	0
12/27/2023 18:20	66504 SMAN_T2	0	0	0	0	0	0	-0.99	-0.77	0	0	0	0	0	0
12/27/2023 18:20	40502 CRES_T2	7	10	3	0.29	0.44	0.15	0.13	0.13	0	0	0	0	0	0
12/27/2023 18:21	65901 SAKR_T2	1	1	0	9.1	9	-0.1	-1.23	-1.26	1	1	0	900	900	0
12/27/2023 18:21	12701 MACU_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/27/2023 18:21	14403 SSLA_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/27/2023 18:21	67503 WEWI_T2	0	0	0	0	0	0	-0.2	-0.31	0	0	0	0	0	0
12/27/2023 18:22	67502 WEWI_T2	0	0	0	0	0	0	-1.41	-1.3	1	1	0	900	900	0
12/27/2023 18:22	40101 HUNT_T2	0	0	0	0	0	0	-0.62	-0.63	0	0	0	0	0	0
12/27/2023 18:22	40502 CRES_T2	7	10	3	0.29	0.44	0.15	0.26	0.26	0	0	0	0	0	0
12/27/2023 18:22	59101 WALK_T2	1	4	3	0	0	0	1.6	1.75	0	0	0	0	0	0
12/27/2023 18:23	59101 WALK_T2	1	4	3	0	0	0	1.6	1.75	0	0	0	0	0	0
12/27/2023 18:23	54205 PENN_T1	45	79	34	0.16	0.22	0.06	0	0	0	0	0	0	0	0
12/27/2023 18:23	43001 ALWD_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/27/2023 18:23	46903 MNTG_T2	59	78	19	0.17	0.23	0.06	-0.44	-0.43	1	1	0	600	600	0
12/27/2023 18:24	46004 BERW_T2	1	3	2	1.2	1.3	0.1	-0.78	-0.77	0	0	0	0	0	0
12/27/2023 18:24	41801 GOCI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/27/2023 18:24	46803 HEPB_T2	3	1	-2	0.13	0.2	0.07	0	0	0	0	0	0	0	0
12/27/2023 18:24	57401 SPAN_T1	0	0	0	0	0	0	-1.45	-1.62	2	2	0	1200	1200	0
12/27/2023 18:24	67402 WAKE_T2	0	0	0	0	0	0	0.19	0.18	0	0	0	0	0	0
12/27/2023 18:24	65001 NEFF_T2	0	0	0	0	0	0	-0.93	-0.94	1	1	0	1200	1200	0
12/27/2023 18:24	67502 WEWI_T2	0	0	0	0	0	0	-1.3	-1.43	1	1	0	900	900	0
12/27/2023 18:25	43001 ALWD_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/27/2023 18:25	46001 BERW_T1	0	0	0	0	0	0	1.78	1.74	0	0	0	0	0	0
12/27/2023 18:25	13302 ORVI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/27/2023 18:25	67502 WEWI_T2	0	0	0	0	0	0	-2.61	-2.87	2	2	0	1800	1800	0
12/27/2023 18:26	66503 SMAN_T2	115	55	-60	0.17	0.13	-0.04	0	0	0	0	0	0	0	0
12/27/2023 18:26	16402 MOPO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/27/2023 18:26	47901 HRDG_T1	0	0	0	0	0	0	1.71	1.4	0	0	0	0	0	0
12/27/2023 18:26	67204 TEHI_T2	0	0	0	0	0	0	0.13	0.12	0	0	0	0	0	0
12/27/2023 18:26	43402 BENT_T1	0	0	0	0	0	0	-0.91	-1.47	1	2	1	900	1500	600
12/27/2023 18:26	20401 ASHF_T2	2	1	-1	0.75	0	-0.75	0	0	0	0	0	0	0	0
12/27/2023 18:26	40101 HUNT_T2	0	0	0	0	0	0	-1.25	-1.26	0	0	0	0	0	0
12/27/2023 18:27	57401 SPAN_T1	0	0	0	0	0	0	-1.45	-1.62	2	2	0	1200	1200	0
12/27/2023 18:27	52503 PROG_T2	0	0	0	0	0	0	-0.69	-0.69	1	1	0	900	900	0
12/27/2023 18:27	13302 ORVI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/27/2023 18:28	14403 SSLA_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/27/2023 18:28	22102 EDEL_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/27/2023 18:28	41801 GOCI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/27/2023 18:28	62604 ENGL_T1	0	0	0	0	0	0	-0.51	-0.52	1	1	0	600	600	0
12/27/2023 18:28	16402 MOPO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/27/2023 18:28	52404 GRPA_T2	0	2	2	0	0	0	0.57	0.56	0	0	0	0	0	0
12/27/2023 18:28	67502 WEWI_T2	0	0	0	0	0	0	-1.3	-1.43	1	1	0	900	900	0
12/27/2023 18:28	46001 BERW_T1	0	0	0	0	0	0	0.89	0.87	0	0	0	0	0	0
12/27/2023 18:28	45802 HEGI_T2	0	0	0	0	0	0	0.64	1.03	0	0	0	0	0	0
12/27/2023 18:29	60502 NMAN_T2	0	0	0	0	0	0	-0.24	-0.32	0	0	0	0	0	0
12/27/2023 18:29	59101 WALK_T2	1	4	3	0	0	0	1.75	1.72	0	0	0	0	0	0
12/27/2023 18:29	46903 MNTG_T2	59	78	19	0.17	0.23	0.06	-0.44	-0.43	1	1	0	600	600	0
12/27/2023 18:29	45501 DERR_T2	0	1	1	0	0	0	0.29	0.27	4	4	0	3600	3600	0
12/27/2023 18:29	27101 GFLD_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/27/2023 18:29	64204 KINZ_T1	1	1	0	0.9	0.8	-0.1	0	0	0	0	0	0	0	0
12/27/2023 18:29	67502 WEWI_T2	0	0	0	0	0	0	-1.3	-1.43	1	1	0	900	900	0
12/27/2023 18:29	52402 GRPA_T2	5	6	1	0.94	1.25	0.31	0	0	0	0	0	0	0	0
12/27/2023 18:29	67501 WEWI_T1	0	0	0	0	0	0	-1.22	-1.23	1	1	0	600	600	0
12/27/2023 18:29	57401 SPAN_T1	0	0	0	0	0	0	-1.45	-1.62	2	2	0	1200	1200	0
12/27/2023 18:30	67203 TEHI_T1	0	0	0	0	0	0	1.99	2.05	1	1	0	600	600	0
12/27/2023 18:30	53501 EVIL_T2	6	9	3	0.17	0.54	0.37	-0.66	-0.67	0	0	0	0	0	0
12/27/2023 18:30	46901 MNTG_T2	0	0	0	0	0	0	1.09	0.86	0	0	0	0	0	0
12/27/2023 18:30	60803 BUCK_T1	0	0	0	0	0	0	-1.48	-1.49	1	1	0	600	600	0
12/27/2023 18:30	40101 HUNT_T2	0	1	1	0	0	0	-0.63	-0.63	0	0	0	0	0	0
12/27/2023 18:30	44601 SALE_T2	1	0	-1	0.2	0	-0.2	0.01	0	0	0	0	0	0	0
12/27/2023 18:30	55002 NEWP_T1	4	4	0	0.43	0.5	0.07	-0.26	-0.26	0	0	0	0	0	0
12/27/2023 18:30	64101 REFR_T1	0	0	0	0	0	0	-0.11	-0.1	0	0	0	0	0	0
12/27/2023 18:31	64201 KINZ_T1	120	337	217	0.15	0.82	0.67	-0.45	-0.48	2	2	0	1200	1200	0
12/27/2023 18:31	62604 ENGL_T1	0	0	0	0	0	0	-0.51	-0.52	1	1	0	600	600	0
12/27/2023 18:31	13302 ORVI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/27/2023 18:31	55002 NEWP_T1	4	4	0	0.43	0.5	0.07	-0.26	-0.26	0	0	0	0	0	0
12/27/2023 18:31	12701 MACU_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/27/2023 18:31	60803 BUCK_T1	0	0	0	0	0	0	-1.48	-1.49	1	1	0	600	600	0
12/27/2023 18:32	57401 SPAN_T1	0	0	0	0	0	0	-0.73	-0.81	1	1	0	600	600	0
12/27/2023 18:32	47901 HRDG_T1	0	0	0	0	0	0	1.71	1.4	0	0	0	0	0	0
12/27/2023 18:32	59301 MCAL_T1	2	2	0	0.7	0.8	0.1	0	0	0	0	0	0	0	0
12/27/2023 18:32	46903 MNTG_T2	78	18	-60	0.23	0.14	-0.09	-0.44	-0.43	1	1	0	600	600	0
12/27/2023 18:32	64101 REFR_T1	0	0	0	0	0	0	-0.11	-0.1	0	0	0	0	0	0
12/27/2023 18:33	61801 EELI_T2	0	0	0	0	0	0	-1.73	-1.75	2	2	0	1200	1200	0
12/27/2023 18:33	46903 MNTG_T2	78	18	-60	0.23	0.14	-0.09	0	0	0	0	0	0	0	0
12/27/2023 18:33	46001 BERW_T1	0	0	0	0	0	0	0.89	0.87	0	0	0	0	0	0
12/27/2023 18:34	55002 NEWP_T1	4	4	0	0.43	0.5	0.07	-0.26	-0.26	0	0	0	0	0	0
12/27/2023 18:34	45802 HEGI_T2	0	0	0	0	0	0	0.64	1.03	0	0	0	0	0	0
12/27/2023 18:34	49803 UNIV_T1	0	0	0	0	0	0	-1.09	-1.12	0	0	0	0	0	0
12/27/2023 18:34	64101 REFR_T1	0	0	0	0	0	0	-0.11	-0.1	0	0	0	0	0	0
12/27/2023 18:34	40101 HUNT_T2	0	1	1	0	0	0	-0.63	-0.63	0	0	0	0	0	0
12/27/2023 18:34	52101 MEIS_T1	1	1	0	0.8	1.1	0.3	0	0	0	0	0	0	0	0
12/27/2023 18:34	41902 REED_T1	0	10	10	0	0	0	1.09	1.06	0	0	0	0	0	0
12/27/2023 18:35	64201 KINZ_T1	120	337	217	0.15	0.82	0.67	-0.45	-0.48	2	3	1	1200	1500	300
12/27/2023 18:35	60201 ATGL_T2	0	0	0	0	0	0	0.26	0.2	0	0	0	0	0	0
12/27/2023 18:35	43202 MVIL_T2	3	2	-1	0.33	0	-0.33	-1.46	-1.47	0	0	0	0	0	0
12/27/2023 18:35	67503 WEWI_T2	0	0	0	0	0	0	-0.31	-0.33	0	0	0	0	0	0
12/27/2023 18:36	67605 WARW_T1	0	0	0	0	0	0	-1.03	-1.03	0	0	0	0	0	0
12/27/2023 18:36	64101 REFR_T1	0	0	0	0	0	0	-0.11	-0.1	0	0	0	0	0	0
12/27/2023 18:36	25801 SUTR_T2	1	0	-1	0.4	0	-0.4	0	0	0	0	0	0	0	0
12/27/2023 18:36	41801 GOCI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/27/2023 18:36	42802 SELI_T1	0	0	0	0	0	0	-2.22	-2.23	1	1	0	900	900	0
12/27/2023 18:36	67502 WEWI_T2	0	0	0	0	0	0	-1.3	-1.43	1	1	0	900	900	0
12/27/2023 18:36	64204 KINZ_T1	1	1	-0	0.2	1.3	1.1	0	0	0	0	0	0	0	0
12/27/2023 18:36	55002 NEWP_T1	4	4	0	0.43	0.5	0.07	-0.26	-0.26	0	0	0	0	0	0
12/27/2023 18:36	64902 MILL_T2	0	0	0	0	0	0	-0.75	-0.75	1	1	0	900	900	0
12/27/2023 18:37	49803 UNIV_T1	0	0	0	0	0	0	-1.09	-1.12	0	0	0	0	0	0
12/27/2023 18:37	43201 MVIL_T2	2	0	-2	0.1	0	-0.1	0	0	0	0	0	0	0	0
12/27/2023 18:37	63404 HONY_T1	2	2	0	6	6.4	0.4	0	0	0	0	0	0	0	0
12/27/2023 18:37	57304 MOAL_T2	0	0	0	0	0	0	-0.38	-0.37	0	0	0	0	0	0
12/27/2023 18:38	62604 ENGL_T1	0	0	0	0	0	0	-0.51	-0.52	1	1	0	600	600	0
12/27/2023 18:38	64101 REFR_T1	0	0	0	0	0	0	-0.11	-0.1	0	0	0	0	0	0
12/27/2023 18:38	42801 SELI_T1	1	1	0	0	0	0	0	0	0	0	0	0	0	0
12/27/2023 18:39	52101 MEIS_T1	1	1	0	0.8	1.1	0.3	0	0	0	0	0	0	0	0
12/27/2023 18:40	52402 GRPA_T2	6	4	-2	0.87	1.4	0.53	-0.99	-1.01	0	0	0	0	0	0
12/27/2023 18:40	58402 MORO_T1	2	0	-2	1.4	0	-1.4	-0.07	-0.06	2	2	0	1500	1500	0
12/27/2023 18:40	67503 WEWI_T2	0	0	0	0	0	0	-0.33	-0.26	0	0	0	0	0	0
12/27/2023 18:40	64101 REFR_T1	0	0	0	0	0	0	-0.1	-0.1	0	0	0	0	0	0
12/27/2023 18:41	66503 SMAN_T2	6	87	81	0.2	0.14	-0.06	0	0	0	0	0	0	0	0
12/27/2023 18:41	52102 MEIS_T1	65	53	-12	0.17	0.16	-0.01	0	0	1	1	0	450	450	0
12/27/2023 18:41	64802 MONE_T2	0	0	0	0	0	0	-0.06	-0.06	0	0	0	0	0	0
12/27/2023 18:41	52402 GRPA_T2	4	2	-2	0.87	1.4	0.53	-0.99	-1.01	0	0	0	0	0	0
12/27/2023 18:42	52101 MEIS_T1	1	1	0	0.8	1.1	0.3	0	0	0	0	0	0	0	0
12/27/2023 18:42	61303 EARL_T1	0	0	0	0	0	0	0.73	0.68	0	0	0	0	0	0
12/27/2023 18:42	41901 REED_T1	10	10	0	0.37	0.38	0.01	0	0	0	0	0	0	0	0
12/27/2023 18:42	45402 WBLO_T2	16	16	0	0.21	0.21	0	-0.77	-0.77	0	0	0	0	0	0
12/27/2023 18:43	52402 GRPA_T2	6	4	-2	0.87	1.4	0.53	0	0	0	0	0	0	0	0
12/27/2023 18:43	61303 EARL_T1	0	0	0	0	0	0	0.37	0.34	0	0	0	0	0	0
12/27/2023 18:43	52101 MEIS_T1	1	1	0	0.8	1.1	0.3	0	0	0	0	0	0	0	0
12/27/2023 18:43	56802 BENV_T2	54	147	93	0.24	0.23	-0.01	-1.41	-1.41	0	0	0	0	0	0
12/27/2023 18:44	41901 REED_T1	10	10	0	0.37	0.38	0.01	0	0	0	0	0	0	0	0
12/27/2023 18:45	60101 COCA_T1	0	0	0	0	0	0	0.25	0.24	0	0	0	0	0	0
12/27/2023 18:45	43202 MVIL_T2	2	2	0	0.1	0	-0.1	0	0	0	0	0	0	0	0
12/27/2023 18:45	56802 BENV_T2	94	163	69	0.27	0.22	-0.05	-5.63	-5.64	0	0	0	0	0	0
12/27/2023 18:46	52502 PROG_T2	0	0	0	0	0	0	-0.65	-0.66	1	1	0	900	900	0
12/27/2023 18:46	67501 WEWI_T1	0	0	0	0	0	0	-1.23	-1.24	1	1	0	600	600	0
12/27/2023 18:47	61801 EELI_T2	0	0	0	0	0	0	-0.87	-0.88	1	1	0	600	600	0
12/27/2023 18:47	51102 CARL_T1	77	40	-37	0.19	0.14	-0.05	0	0	0	0	0	0	0	0
12/27/2023 18:47	56802 BENV_T2	94	163	69	0.27	0.22	-0.05	-1.41	-1.41	0	0	0	0	0	0
12/27/2023 18:48	52501 PROG_T1	0	0	0	0	0	0	0.25	0.25	1	1	0	300	300	0
12/27/2023 18:48	53601 DALM_T2	1	1	0	0.5	0.6	0.1	-0.48	-0.48	1	1	0	900	900	0
12/27/2023 18:50	55101 WERT_T1	0	0	0	0	0	0	-1.22	-1.24	2	2	0	1500	1500	0
12/27/2023 18:50	51107 CARL_T1	0	0	0	0	0	0	-0.26	-0.25	0	0	0	0	0	0
12/27/2023 18:51	56802 BENV_T2	94	163	69	0.27	0.22	-0.05	-1.41	-1.41	0	0	0	0	0	0
12/27/2023 18:51	66703 STRA_T1	0	0	0	0	0	0	-0.2	-0.2	0	0	0	0	0	0
12/27/2023 18:52	56801 BENV_T1	15	22	7	1.39	0.97	-0.42	-1.55	-1.56	2	2	0	1200	1200	0
12/27/2023 18:53	52101 MEIS_T1	1	1	0	1.1	1	-0.1	0	0	0	0	0	0	0	0
12/27/2023 18:53	56802 BENV_T2	94	163	69	0.27	0.22	-0.05	-1.41	-1.41	0	0	0	0	0	0
12/27/2023 18:54	53501 EVIL_T2	9	1	-8	0.54	0.1	-0.44	-0.66	-0.63	0	0	0	0	0	0
12/27/2023 18:55	56802 BENV_T2	94	163	69	0.27	0.22	-0.05	-4.23	-4.23	0	0	0	0	0	0
12/27/2023 18:55	56501 ROCK_T2	2	0	-2	1.45	0	-1.45	-0.87	-0.87	0	0	0	0	0	0
12/27/2023 18:55	53501 EVIL_T2	9	1	-8	0.54	0.1	-0.44	-0.66	-0.63	0	0	0	0	0	0
12/27/2023 18:56	56802 BENV_T2	94	163	69	0.27	0.22	-0.05	-5.64	-5.65	0	0	0	0	0	0
12/27/2023 18:57	56504 ROCK_T2	0	0	0	0	0	0	-0.26	-0.26	0	0	0	0	0	0
12/27/2023 18:57	56501 ROCK_T2	2	0	-2	1.45	0	-1.45	-0.87	-0.87	0	0	0	0	0	0
12/27/2023 19:25	62604 ENGL_T1	0	0	0	0	0	0	-0.54	-0.53	1	1	0	600	600	0
12/27/2023 20:51	65001 NEFF_T2	0	8	8	0	0.1	0.1	-1.07	-1	1	1	0	1200	1200	0
12/27/2023 21:03	43402 BENT_T1	0	0	0	0	0	0	-0.97	-1.58	1	1	0	900	900	0
12/27/2023 23:34	65001 NEFF_T2	0	5	5	0	0.18	0.18	-1.21	-1.23	1	1	0	1200	1200	0
12/27/2023 23:39	54502 ENOL_T2	0	0	0	0	0	0	-1.37	-1.37	0	0	0	0	0	0
12/28/2023 1:08	67605 WARW_T1	11	16	5	0.22	0.19	-0.03	-1.13	-1.14	0	0	0	0	0	0
12/28/2023 1:31	65001 NEFF_T2	3	7	4	0.1	0.14	0.04	-1.32	-1.25	1	1	0	1200	1200	0
12/28/2023 1:49	53903 HALI_T2	2	2	0	1.6	1.6	0	-0.19	-0.2	0	0	0	0	0	0
12/28/2023 2:29	65001 NEFF_T2	5	10	5	0.14	0.18	0.04	-1.37	-1.36	1	1	0	1200	1200	0
12/28/2023 4:18	40602 PIGR_T1	1	1	0	0.2	0.2	0	-0.14	-0.14	1	1	0	600	600	0
12/28/2023 4:22	59101 WALK_T2	1	1	0	0	0	0	1.23	1.12	0	0	0	0	0	0
12/28/2023 4:23	65001 NEFF_T2	0	1	1	0	0	0	-1.33	-1.35	1	1	0	1200	1200	0
12/28/2023 7:54	45502 DERR_T2	0	1	1	0	0	0	0	0	0	0	0	0	0	0
12/28/2023 7:57	45501 DERR_T2	0	0	0	0	0	0	0.09	0.11	2	2	0	1800	1800	0
12/28/2023 8:04	40601 PIGR_T1	1	0	-1	0.1	0	-0.1	0	0	0	0	0	0	0	0
12/28/2023 8:20	55002 NEWP_T1	6	6	0	0.57	0.62	0.05	-0.52	-0.52	0	0	0	0	0	0
12/28/2023 8:20	65003 NEFF_T2	2	70	68	0.1	0.18	0.08	0	0	0	0	0	0	0	0
12/28/2023 8:20	67103 SPRI_T1	0	0	0	0	0	0	-0.12	-0.11	0	0	0	0	0	0
12/28/2023 8:20	60305 TWVA_T2	0	0	0	0	0	0	-0.86	-0.73	2	2	0	2400	2400	0
12/28/2023 8:21	55002 NEWP_T1	6	6	0	0.57	0.62	0.05	-0.26	-0.26	0	0	0	0	0	0
12/28/2023 8:24	56802 BENV_T2	3	4	1	0.27	0.3	0.03	-1.47	-1.47	0	0	0	0	0	0
12/28/2023 8:24	67103 SPRI_T1	0	0	0	0	0	0	-0.11	-0.1	0	0	0	0	0	0
12/28/2023 8:24	43402 BENT_T1	0	0	0	0	0	0	-1.55	-1.53	1	2	1	900	1500	600
12/28/2023 8:24	55002 NEWP_T1	6	6	0	0.57	0.62	0.05	-0.26	-0.26	0	0	0	0	0	0
12/28/2023 8:26	43402 BENT_T1	0	0	0	0	0	0	-1.55	-1.53	1	2	1	900	1500	600
12/28/2023 8:29	46903 MNTG_T2	0	0	0	0	0	0	0.07	0.12	1	1	0	600	600	0
12/28/2023 8:39	59101 WALK_T2	1	1	0	0	0	0

Appendix C - Grid Benefits Achieved in Each Instance of Active Management

12/28/2023 9:30	52403 GRPA_T2	0	2	2	0	0.8	0.8	0.12	0.13	0	0	0	0	0	0
12/28/2023 9:30	41801 GOCI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/28/2023 9:30	52102 MEIS_T1	0	0	0	0	0	0	0	0	1	1	0	450	450	0
12/28/2023 9:32	55001 NEWP_T1	1	0	-1	0.1	0	-0.1	0	0	0	0	0	0	0	0
12/28/2023 9:33	55002 NEWP_T1	5	4	-1	0.38	0.48	0.1	-0.26	-0.26	0	0	0	0	0	0
12/28/2023 9:34	55001 NEWP_T1	1	0	-1	0.1	0	-0.1	0	0	0	0	0	0	0	0
12/28/2023 9:34	57401 SPAN_T1	0	1	1	0	0	0	0	0	0	0	0	0	0	0
12/28/2023 9:37	67502 WEWI_T2	1	0	-1	0.1	0	-0.1	0	0	0	0	0	0	0	0
12/28/2023 9:37	56501 ROCK_T2	1	1	0	0.3	0.8	0.5	-0.99	-0.99	0	0	0	0	0	0
12/28/2023 9:38	57401 SPAN_T1	0	1	1	0	0	0	0	0	0	0	0	0	0	0
12/28/2023 9:40	29402 BELT_T1	1	1	0	7.5	7.4	-0.1	0	0	0	0	0	0	0	0
12/28/2023 9:44	11804 FRAN_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/28/2023 9:46	40101 HUNT_T2	2	1	-1	0.25	0.3	0.05	-0.24	-0.13	0	0	0	0	0	0
12/28/2023 9:46	52102 MEIS_T1	0	0	0	0	0	0	0	0	1	1	0	450	450	0
12/28/2023 9:48	43201 MVIL_T2	0	0	0	0	0	0	-1.19	-1.22	0	0	0	0	0	0
12/28/2023 9:48	41901 REED_T1	11	10	-1	0.39	0.45	0.06	0	0	0	0	0	0	0	0
12/28/2023 9:48	64101 REFR_T1	0	1	1	0	0	0	0.02	0.02	0	0	0	0	0	0
12/28/2023 9:49	64101 REFR_T1	0	1	1	0	0	0	0.02	0.02	0	0	0	0	0	0
12/28/2023 9:49	52102 MEIS_T1	0	0	0	0	0	0	0	0	1	1	0	450	450	0
12/28/2023 9:50	64101 REFR_T1	0	1	1	0	0	0	0.05	0.05	0	0	0	0	0	0
12/28/2023 9:50	65901 SAKR_T2	1	1	0	8.9	8.9	0	-1.13	-1.07	1	1	0	900	900	0
12/28/2023 9:50	41902 REED_T1	0	0	0	0	0	0	1.11	1.14	0	0	0	0	0	0
12/28/2023 9:51	64101 REFR_T1	0	1	1	0	0	0	0.02	0.02	0	0	0	0	0	0
12/28/2023 9:51	66504 SMAN_T2	0	0	0	0	0	0	-0.85	-0.96	0	0	0	0	0	0
12/28/2023 9:52	43001 ALWD_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/28/2023 9:53	64101 REFR_T1	0	1	1	0	0	0	0.05	0.05	0	0	0	0	0	0
12/28/2023 9:53	66504 SMAN_T2	0	0	0	0	0	0	-0.43	-0.48	0	0	0	0	0	0
12/28/2023 9:54	29401 BELT_T1	1	1	0	0.1	0	-0.1	0	0	0	0	0	0	0	0
12/28/2023 10:00	20401 ASHF_T2	0	9	9	0	0.2	0.2	0	0	0	0	0	0	0	0
12/28/2023 10:02	57304 MOAL_T2	0	0	0	0	0	0	-1.07	-0.9	0	0	0	0	0	0
12/28/2023 10:04	43201 MVIL_T2	0	0	0	0	0	0	-1.22	-1.25	0	0	0	0	0	0
12/28/2023 10:05	57401 SPAN_T1	0	0	0	0	0	0	-1.14	-1.14	1	1	0	600	600	0
12/28/2023 10:06	65901 SAKR_T2	1	1	0	8.9	8.7	-0.2	-1.07	-1.19	1	1	0	900	900	0
12/28/2023 10:06	40601 PIGR_T1	13	0	-13	0.11	0	-0.11	0	0	0	0	0	0	0	0
12/28/2023 10:06	20402 ASHF_T2	7	6	-1	0.61	0.15	-0.46	0	0	0	0	0	0	0	0
12/28/2023 10:07	67502 WEWI_T2	0	0	0	0	0	0	-1.14	-1.19	1	0	-1	900	0	-900
12/28/2023 10:08	57401 SPAN_T1	0	0	0	0	0	0	-2.28	-2.29	2	2	0	1200	1200	0
12/28/2023 10:09	57401 SPAN_T1	0	0	0	0	0	0	-2.29	-2.29	2	2	0	1200	1200	0
12/28/2023 10:09	56802 BENV_T2	160	266	106	0.31	0.4	0.09	-2.9	-2.89	0	0	0	0	0	0
12/28/2023 10:10	40502 CRES_T2	9	5	-4	0.23	0.2	-0.03	-0.25	-0.25	0	0	0	0	0	0
12/28/2023 10:10	56802 BENV_T2	160	266	106	0.31	0.4	0.09	-1.45	-1.44	0	0	0	0	0	0
12/28/2023 10:11	56802 BENV_T2	160	266	106	0.31	0.4	0.09	-1.45	-1.44	0	0	0	0	0	0
12/28/2023 10:11	56803 BENV_T1	1	0	-1	1.6	0	-1.6	0	0	0	0	0	0	0	0
12/28/2023 10:11	53501 EVIL_T2	2	3	1	0.3	0.4	0.1	-0.17	-0.17	0	0	0	0	0	0
12/28/2023 10:12	56803 BENV_T1	1	0	-1	1.6	0	-1.6	0	0	0	0	0	0	0	0
12/28/2023 10:12	40502 CRES_T2	9	5	-4	0.23	0.2	-0.03	-0.25	-0.25	0	0	0	0	0	0
12/28/2023 10:12	53501 EVIL_T2	2	3	1	0.3	0.4	0.1	-0.35	-0.34	0	0	0	0	0	0
12/28/2023 10:13	62607 ENGL_T1	0	0	0	0	0	0	-1.05	-1.05	1	1	0	300	300	0
12/28/2023 10:14	47001 HUGH_T2	0	0	0	0	0	0	-0.88	-0.78	0	0	0	0	0	0
12/28/2023 10:14	40502 CRES_T2	9	5	-4	0.23	0.2	-0.03	-0.25	-0.25	0	0	0	0	0	0
12/28/2023 10:14	49803 UNIV_T1	0	13	13	0	0.15	0.15	-1.08	-1	0	0	0	0	0	0
12/28/2023 10:14	63401 HONY_T1	0	0	0	0	0	0	0.77	0.83	0	0	0	0	0	0
12/28/2023 10:15	53501 EVIL_T2	3	3	0	0.17	0.33	0.16	-0.17	-0.17	0	0	0	0	0	0
12/28/2023 10:16	13302 ORVI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/28/2023 10:17	12701 MACU_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/28/2023 10:19	13302 ORVI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/28/2023 10:19	47001 HUGH_T2	0	0	0	0	0	0	-0.88	-0.78	0	0	0	0	0	0
12/28/2023 10:20	12701 MACU_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/28/2023 10:20	65001 NEFF_T2	0	0	0	0	0	0	-0.73	-0.73	1	1	0	1200	1200	0
12/28/2023 10:21	65003 NEFF_T2	4	5	1	0.2	0.24	0.04	0	0	0	0	0	0	0	0
12/28/2023 10:21	56501 ROCK_T2	1	1	0	1.3	0.3	-1	-0.99	-0.99	0	0	0	0	0	0
12/28/2023 10:21	13302 ORVI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/28/2023 10:21	55101 WERT_T1	0	1	1	0	0	0	-0.96	-0.91	2	2	0	1500	1500	0
12/28/2023 10:21	57401 SPAN_T1	0	2	2	0	0.65	0.65	-1.14	-1.15	1	1	0	600	600	0
12/28/2023 10:22	55101 WERT_T1	0	1	1	0	0	0	-2.88	-2.74	6	6	0	4500	4500	0
12/28/2023 10:22	57401 SPAN_T1	0	2	2	0	0.65	0.65	-1.14	-1.15	1	1	0	600	600	0
12/28/2023 10:23	55101 WERT_T1	0	1	1	0	0	0	-0.96	-0.91	2	2	0	1500	1500	0
12/28/2023 10:24	27502 WEIS_T2	7	0	-7	0.14	0	-0.14	0	0.05	0	0	0	0	0	0
12/28/2023 10:24	67402 WAKE_T2	0	1	1	0	0	0	0.41	0.42	1	1	0	600	600	0
12/28/2023 10:24	55101 WERT_T1	0	1	1	0	0	0	-1.82	-1.94	4	4	0	3000	3000	0
12/28/2023 10:25	55101 WERT_T1	0	1	1	0	0	0	-0.91	-0.97	2	2	0	1500	1500	0
12/28/2023 10:29	45702 LIND_T2	1	1	0	0.6	0.6	0	-0.41	-0.4	0	0	0	0	0	0
12/28/2023 10:30	27502 WEIS_T2	0	7	7	0	0	0	0	0.05	0	0	0	0	0	0
12/28/2023 10:32	13302 ORVI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/28/2023 10:36	56501 ROCK_T2	1	1	0	1	0.3	-0.7	0	0	0	0	0	0	0	0
12/28/2023 10:36	16302 ALPA_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/28/2023 10:36	67502 WEWI_T2	0	0	0	0	0	0	-1.16	-1.18	1	1	0	900	900	0
12/28/2023 10:37	16302 ALPA_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/28/2023 10:37	67502 WEWI_T2	0	0	0	0	0	0	-2.33	-2.36	2	2	0	1800	1800	0
12/28/2023 10:38	29402 BELT_T1	1	1	0	7.5	7.7	0.2	0	0	0	0	0	0	0	0
12/28/2023 10:38	56802 BENV_T2	266	323	57	0.4	0.46	0.06	-1.44	-1.44	0	0	0	0	0	0
12/28/2023 10:38	45402 WBLO_T2	16	16	0	0.16	0.11	-0.05	-0.77	-0.77	0	0	0	0	0	0
12/28/2023 10:38	56801 BENV_T1	24	25	1	0.73	0.71	-0.02	-0.81	-0.81	1	1	0	600	600	0
12/28/2023 10:38	59101 WALK_T2	1	1	0	0	0	0	2.33	2.53	0	0	0	0	0	0
12/28/2023 10:39	16302 ALPA_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/28/2023 10:40	56802 BENV_T2	266	323	57	0.4	0.46	0.06	-1.44	-1.44	0	0	0	0	0	0
12/28/2023 10:40	67503 WEWI_T2	0	0	0	0	0	0	-0.24	-0.21	0	0	0	0	0	0
12/28/2023 10:41	16302 ALPA_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/28/2023 10:42	56802 BENV_T2	266	323	57	0.4	0.46	0.06	-2.88	-2.87	0	0	0	0	0	0
12/28/2023 10:42	52401 GRPA_T2	2	1	-1	0.15	0.4	0.25	0	0	0	0	0	0	0	0
12/28/2023 10:43	54504 ENOL_T2	0	0	0	0	0	0	-1.03	-1.03	1	1	0	600	600	0
12/28/2023 10:44	39601 LNFD_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/28/2023 10:44	46803 HEPB_T2	1	2	1	0.2	0.15	-0.05	0	0	0	0	0	0	0	0
12/28/2023 10:44	12202 FOGE_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/28/2023 10:45	12202 FOGE_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/28/2023 10:45	52403 GRPA_T2	2	6	4	0.2	0.13	-0.07	0.14	0.14	0	0	0	0	0	0
12/28/2023 10:45	12701 MACU_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/28/2023 10:46	56802 BENV_T2	276	341	65	0.41	0.45	0.04	-1.44	-1.44	0	0	0	0	0	0
12/28/2023 10:47	13302 ORVI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/28/2023 10:48	20403 ASHF_T2	13	8	-5	0.25	0.18	-0.07	0.22	0.21	0	0	0	0	0	0
12/28/2023 10:48	20402 ASHF_T2	10	5	-5	0.18	0.1	-0.08	0	0	0	0	0	0	0	0
12/28/2023 10:48	12701 MACU_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/28/2023 10:48	16402 MOPO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/28/2023 10:49	16402 MOPO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/28/2023 10:50	54206 PENN_T2	1	0	-1	0.1	0	-0.1	0.01	0.01	0	0	0	0	0	0
12/28/2023 10:50	64101 REFR_T1	0	0	0	0	0	0	0.03	0.03	0	0	0	0	0	0
12/28/2023 10:50	13302 ORVI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/28/2023 10:52	46003 BEIN_T2	1	1	0	2.4	3.6	1.2	0	0	0	0	0	0	0	0
12/28/2023 10:52	20401 ASHF_T2	8	9	1	0.24	0.2	-0.04	0	0	0	0	0	0	0	0
12/28/2023 10:52	67503 WEWI_T2	0	0	0	0	0	0	-0.24	-0.21	0	0	0	0	0	0
12/28/2023 10:54	29402 BELT_T1	1	1	0	7.7	7.8	0.1	0	0	0	0	0	0	0	0
12/28/2023 10:56	20401 ASHF_T2	8	9	1	0.24	0.2	-0.04	0	0	0	0	0	0	0	0
12/28/2023 10:56	67605 WARW_T1	0	0	0	0	0	0	-1	-1	0	0	0	0	0	0
12/28/2023 10:58	40101 HUNT_T2	2	1	-1	0.4	0	-0.4	-0.32	-0.33	0	0	0	0	0	0
12/28/2023 11:02	40101 HUNT_T2	1	1	0	0.6	0	-0.6	-0.32	-0.33	0	0	0	0	0	0
12/28/2023 11:02	13302 ORVI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/28/2023 11:03	44601 SALE_T2	0	0	0	0	0	0	0.72	0.73	1	1	0	600	600	0
12/28/2023 11:03	64902 MILL_T2	0	0	0	0	0	0	-0.76	-0.76	1	1	0	900	900	0
12/28/2023 11:04	24701 FLND_T2	0	1	1	0	0	0	0	0	0	0	0	0	0	0
12/28/2023 11:04	52501 PROG_T1	0	0	0	0	0	0	0.43	0.29	1	1	0	300	300	0
12/28/2023 11:05	57401 SPAN_T1	2	3	1	0.7	0.65	-0.05	-1.15	-1.15	1	1	0	600	600	0
12/28/2023 11:05	13302 ORVI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/28/2023 11:05	58402 MORO_T1	0	0	0	0	0	0	-0.22	-0.24	2	2	0	1500	1500	0
12/28/2023 11:06	55101 WERT_T1	0	0	0	0	0	0	-0.91	-1.03	2	2	0	1500	1500	0
12/28/2023 11:06	57401 SPAN_T1	2	3	1	0.7	0.65	-0.05	0	0	0	0	0	0	0	0
12/28/2023 11:07	67502 WEWI_T2	0	1	1	0	0.1	0.1	0	0	0	0	0	0	0	0
12/28/2023 11:07	55101 WERT_T1	0	0	0	0	0	0	-0.91	-1.03	2	2	0	1500	1500	0
12/28/2023 11:07	57403 SPAN_T1	0	0	0	0	0	0	0.05	0.05	0	0	0	0	0	0
12/28/2023 11:07	54202 PENN_T2	0	0	0	0	0	0	0.61	0.58	0	0	0	0	0	0
12/28/2023 11:08	40505 CRES_T1	0	65	65	0	0	0	0.41	0.42	0	0	0	0	0	0
12/28/2023 11:08	57401 SPAN_T1	2	3	1	0.7	0.65	-0.05	0	0	0	0	0	0	0	0
12/28/2023 11:09	57401 SPAN_T1	2	3	1	0.7	0.65	-0.05	0	0	0	0	0	0	0	0
12/28/2023 11:09	61801 EELI_T2	0	0	0	0	0	0	-0.34	-0.34	0	0	0	0	0	0
12/28/2023 11:09	60803 BUCK_T1	0	0	0	0	0	0	-0.89	-0.9	1	1	0	600	600	0
12/28/2023 11:10	55101 WERT_T1	0	0	0	0	0	0	-4.12	-3.89	8	8	0	6000	6000	0
12/28/2023 11:10	40505 CRES_T1	0	65	65	0	0	0	0.41	0.42	0	0	0	0	0	0
12/28/2023 11:10	40502 CRES_T2	5	10	5	0.22	0.24	0.02	-0.25	-0.25	0	0	0	0	0	0
12/28/2023 11:12	40505 CRES_T1	0	65	65	0	0	0	1.23	1.25	0	0	0	0	0	0
12/28/2023 11:12	60803 BUCK_T1	0	0	0	0	0	0	-0.89	-0.9	1	1	0	600	600	0
12/28/2023 11:14	40502 CRES_T2	5	10	5	0.22	0.24	0.02	-0.25	-0.25	0	0	0	0	0	0
12/28/2023 11:16	13302 ORVI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/28/2023 11:18	13302 ORVI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/28/2023 11:19	59003 MIFF_T1	0	0	0	0	0	0	-0.88	-0.65	0	0	0	0	0	0
12/28/2023 11:20	59301 MCAL_T1	2	2	0	0.55	0.6	0.05	0	0	0	0	0	0	0	0
12/28/2023 11:20	13302 ORVI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/28/2023 11:20	24801 VALM_T1	0	0	0	0	0	0	-0.31	-0.31	0	0	0	0	0	0
12/28/2023 11:21	67602 WARW_T2	0	1	1	0	0	0	1.21	1.21	0	0	0	0	0	0
12/28/2023 11:22	67502 WEWI_T2	0	2	2	0	0.15	0.15	-1.13	-1.14	1	1	0	900	900	0
12/28/2023 11:23	66703 STRA_T1	0	0	0	0	0	0	-0.15	-0.02	0	0	0	0	0	0
12/28/2023 11:23	67502 WEWI_T2	0	2	2	0	0.15	0.15	-1.13	-1.14	1	1	0	900	900	0
12/28/2023 11:24	24801 VALM_T1	0	0	0	0	0	0	-0.31	-0.31	0	0	0	0	0	0
12/28/2023 11:25	67502 WEWI_T2	0	2	2	0	0.15	0.15	-1.14	-1.16	1	1	0	900	900	0
12/28/2023 11:25	61701 ELIZ_T1	1	1	0	5.2	5.2	0	0	0	0	0	0	0	0	0
12/28/2023 11:25	67602 WARW_T2	0	1	1	0	0	0	1.21	1.2	0	0	0	0	0	0
12/28/2023 11:26	61703 ELIZ_T1	0	0	0	0	0	0	-2.12	-2.08	1	1	0	900	900	0
12/28/2023 11:27	53903 HALI_T2	2	2	0	1.2	1.3	0.1	-0.16	-0.16	0	0	0	0	0	0
12/28/2023 11:27	61703 ELIZ_T1	0	0	0	0	0	0	-4.25	-4.15	2	2	0	1800	1800	0
12/28/2023 11:27	67602 WARW_T2	0	1	1	0	0	0	1.21	1.2	0	0	0	0	0	0
12/28/2023 11:28	20603 GRWO_T2	0	0	0	0	0	0	-0.67	-0.67	1	1	0	900	900	0
12/28/2023 11:28	41801 GOCI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/28/2023 11:29	61703 ELIZ_T1	0	0	0	0	0	0	-2.12	-2.08	1	1	0	900	900	0
12/28/2023 11:30	53901 HALI_T2	1	1	0	0.6	0.5	-0.1	0	0	0	0	0	0	0	0
12/28/2023 11:31	53901 HALI_T2	1	1	0	0.6	0.5	-0.1	0	0	0	0	0	0	0	0
12/28/2023 11:32	53903 HALI_T2	2	2	0	1.3	1.2	-0.1	-0.16	-0.16	0	0	0	0	0	0
12/28/2023 11:32	13302 ORVI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/28/2023 11:33	13302 ORVI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/28/2023 11:34	65001 NEFF_T2	0	0	0	0	0	0	-0.71	-0.65	1	1	0	1200	1200	0
12/28/2023 11:35	67204 TEHI_T2	0	0	0	0	0	0	-0.07	-0.08	0	0	0	0	0	0
12/28/2023 11:36	65003 NEFF_T2	9	37	28	0.2	0.13	-0.07	0	0	0	0	0	0	0	0
12/28/2023 11:36	13302 ORVI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/28/2023 11:36	65902 SAKR_T2	0	0	0	0	0	0	-0.24	-0.44	1	1	0	300	300	0
12/28/2023 11:36	65902 SAKR_T2	0	0	0	0	0	0	-0.24	-0.44	1	1	0	300	300	0
12/28/2023 11:36	20403 ASHF_T2	0	4	4	0	0.13	0.13	0.24	0.22	0	0	0	0	0	0
12/28/2023 11:37	67103 SPRI_T1	0	0	0	0	0	0	-0.05	-0.05	0	0	0	0	0	0
12/28/2023 11:37	53901 HALI_T2	1	1	0	0.6	0.5	-0.1	0	0	0	0	0	0	0	0
12/28/2023 11:39	45501 DERR_T2	0	0	0	0	0	0	0.02	0.02	2	2	0	1800	1800	0
12/28/2023 11:39	67204 TEHI_T2	0	0	0	0	0	0	-0.08	-0.08	0	0	0	0	0	0
12/28/2023 11:40	45501 DERR_T2	0	0	0	0	0	0	0.02	0.02	2	2	0	1800	1800	0
12/28/2023 11:41	45501 DERR_T2	0	0	0	0	0	0	0.02	0.02	2	2	0	1800	1800	0
12/28/2023 11:43	12202 FOGE_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
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12/28/2023 14:04	42801 SELI_T1	1	1	0	0	0	0	0	0	0	0	0	0	0
12/28/2023 14:05	59101 WALK_T2	1	1	0	0	0	0	1.97	2.01	0	0	0	0	0
12/28/2023 14:07	59101 WALK_T2	1	1	0	0	0	0	1.97	2.01	0	0	0	0	0
12/28/2023 14:07	42802 SELI_T1	1	1	0	0.1	0.4	0.3	-2.2	-2.21	1	1	0	900	900
12/28/2023 14:08	42802 SELI_T1	1	1	0	0.1	0.4	0.3	-4.41	-4.39	2	2	0	1800	1800
12/28/2023 14:08	59101 WALK_T2	1	1	0	0	0	0	1.97	2.01	0	0	0	0	0
12/28/2023 14:09	59101 WALK_T2	1	1	0	0	0	0	2.01	2.3	0	0	0	0	0
12/28/2023 14:10	59101 WALK_T2	1	1	0	0	0	0	2.01	2.3	0	0	0	0	0
12/28/2023 14:10	27502 WEIS_T2	0	0	0	0	0	0	0.12	0.12	0	0	0	0	0
12/28/2023 14:11	46003 BERW_T2	1	2	1	3.6	0.1	-3.5	0	0	0	0	0	0	0
12/28/2023 14:12	52404 GRPA_T2	1	1	0	0.3	0.2	-0.1	0	0	0	0	0	0	0
12/28/2023 14:13	52402 GRPA_T2	12	9	-3	0.82	1.01	0.19	-0.97	-0.97	0	0	0	0	0
12/28/2023 14:14	52402 GRPA_T2	12	9	-3	0.82	1.01	0.19	0	0	0	0	0	0	0
12/28/2023 14:15	52102 MEIS_T1	3	0	-3	0.1	0	-0.1	0	0	1	1	0	450	450
12/28/2023 14:16	52401 GRPA_T2	1	1	0	0.6	0.3	-0.3	0	0	0	0	0	0	0
12/28/2023 14:16	27502 WEIS_T2	0	0	0	0	0	0	0.12	0.12	0	0	0	0	0
12/28/2023 14:16	52404 GRPA_T2	1	1	0	0.2	0.3	0.1	0	0	0	0	0	0	0
12/28/2023 14:16	52101 MEIS_T1	1	1	0	0.9	1.2	0.3	0	0	0	0	0	0	0
12/28/2023 14:16	40101 HUNT_T2	0	1	1	0	0.4	0.4	-0.44	-0.42	0	0	0	0	0
12/28/2023 14:17	52402 GRPA_T2	9	4	-5	1.01	2.13	1.12	0	0	0	0	0	0	0
12/28/2023 14:17	52403 GRPA_T2	2	0	-2	0.2	0	-0.2	0.33	0.27	0	0	0	0	0
12/28/2023 14:17	16101 BING_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
12/28/2023 14:18	52101 MEIS_T1	1	1	0	0.9	1.2	0.3	0	0	0	0	0	0	0
12/28/2023 14:18	11601 CEAL_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
12/28/2023 14:19	52102 MEIS_T1	3	0	-3	0.1	0	-0.1	0	0	2	2	0	900	900
12/28/2023 14:19	42802 SELI_T1	1	1	0	0.4	0.5	0.1	-2.21	-2.19	1	1	0	900	900
12/28/2023 14:20	42801 SELI_T1	1	1	0	0	0	0	0	0	0	0	0	0	0
12/28/2023 14:20	67602 WARW_T2	0	0	0	0	0	-0.06	0.27	0	0	0	0	0	0
12/28/2023 14:21	60501 NMAN_T2	3	7	4	5.37	2.34	-3.03	0	0	0	0	0	0	0
12/28/2023 14:21	64101 REFR_T1	0	0	0	0	0	0	0.06	0.06	0	0	0	0	0
12/28/2023 14:21	67602 WARW_T2	0	0	0	0	0	0	-0.06	0.27	0	0	0	0	0
12/28/2023 14:22	40602 PIGR_T1	0	0	0	0	0	0	-1.05	-1.05	3	3	0	1800	1800
12/28/2023 14:22	59101 WALK_T2	1	1	0	0	0	0	2.01	2.3	0	0	0	0	0
12/28/2023 14:23	42802 SELI_T1	1	1	0	0.4	0.5	0.1	-2.19	-2.17	1	1	0	900	900
12/28/2023 14:24	59101 WALK_T2	1	1	0	0	0	0	2.3	2.45	0	0	0	0	0
12/28/2023 14:30	54502 ENOL_T2	1	1	0	1	1	0	0	0	0	0	0	0	0
12/28/2023 14:31	52102 MEIS_T1	0	0	0	0	0	0	0	0	1	1	0	450	450
12/28/2023 14:32	52101 MEIS_T1	1	1	0	1.2	0.9	-0.3	0	0	0	0	0	0	0
12/28/2023 14:32	40101 HUNT_T2	1	1	0	0.4	0	-0.4	-0.42	-0.41	0	0	0	0	0
12/28/2023 14:33	42801 SELI_T1	1	1	0	0	0	0	0	0	0	0	0	0	0
12/28/2023 14:33	64203 KINZ_T1	0	0	0	0	0	0	-0.1	-0.13	1	1	0	600	600
12/28/2023 14:33	47401 PENS_T1	0	0	0	0	0	0	1.49	1.39	0	0	0	0	0
12/28/2023 14:34	40601 PIGR_T1	61	94	33	0.16	0.19	0.03	0	0	0	0	0	0	0
12/28/2023 14:34	47401 PENS_T1	0	0	0	0	0	0	0.75	0.7	0	0	0	0	0
12/28/2023 14:34	65901 SAKR_T2	1	1	0	8.8	9.3	0.5	0	0	0	0	0	0	0
12/28/2023 14:34	42802 SELI_T1	0	1	1	0	0.5	0.5	-2.19	-2.17	1	1	0	900	900
12/28/2023 14:34	13302 ORVI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
12/28/2023 14:34	52101 MEIS_T1	1	1	0	1.2	0.9	-0.3	0	0	0	0	0	0	0
12/28/2023 14:35	59101 WALK_T2	1	1	0	0	0	0	2.3	2.45	0	0	0	0	0
12/28/2023 14:35	42802 SELI_T1	0	1	1	0	0.5	0.5	-2.19	-2.17	1	1	0	900	900
12/28/2023 14:36	59101 WALK_T2	1	1	0	0	0	0	2.3	2.45	0	0	0	0	0
12/28/2023 14:36	67103 SPRI_T1	0	0	0	0	0	0	-0.06	-0.07	0	0	0	0	0
12/28/2023 14:36	47401 PENS_T1	0	0	0	0	0	0	0.75	0.7	0	0	0	0	0
12/28/2023 14:36	42802 SELI_T1	0	1	1	0	0.5	0.5	-2.19	-2.17	1	1	0	900	900
12/28/2023 14:38	42801 SELI_T1	1	1	0	0	0	0	0	0	0	0	0	0	0
12/28/2023 14:38	40602 PIGR_T1	0	0	0	0	0	0	-0.7	-0.7	2	2	0	1200	1200
12/28/2023 14:38	67502 WEWI_T2	0	0	0	0	0	0	-0.75	-0.68	0	0	0	0	0
12/28/2023 14:38	59101 WALK_T2	1	1	0	0	0	0	2.3	2.45	0	0	0	0	0
12/28/2023 14:39	59101 WALK_T2	1	1	0	0	0	0	2.45	2.37	0	0	0	0	0
12/28/2023 14:39	45501 DERR_T2	0	0	0	0	0	0	0.23	0.24	2	2	0	1800	1800
12/28/2023 14:39	67502 WEWI_T2	0	0	0	0	0	0	-0.34	-0.4	0	0	0	0	0
12/28/2023 14:40	45501 DERR_T2	0	0	0	0	0	0	0.23	0.24	2	2	0	1800	1800
12/28/2023 14:40	67502 WEWI_T2	0	0	0	0	0	0	-0.34	-0.4	0	0	0	0	0
12/28/2023 14:41	60201 ATGL_T2	0	0	0	0	0	0	0.21	0.19	1	1	0	300	300
12/28/2023 14:42	41801 GOCI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
12/28/2023 14:42	60201 ATGL_T2	0	0	0	0	0	0	0.21	0.19	1	1	0	300	300
12/28/2023 14:43	60801 BUCK_T1	0	0	0	0	0	0	-0.54	-0.56	1	1	0	600	600
12/28/2023 14:43	45501 DERR_T2	0	0	0	0	0	0	0.23	0.24	2	2	0	1800	1800
12/28/2023 14:46	13302 ORVI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
12/28/2023 14:47	13302 ORVI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
12/28/2023 14:47	52102 MEIS_T1	0	85	85	0	0.17	0.17	0	0	1	1	0	450	450
12/28/2023 14:47	55002 NEWP_T1	5	6	1	0.38	0.67	0.29	-0.25	-0.25	0	0	0	0	0
12/28/2023 14:48	40602 PIGR_T1	0	0	0	0	0	0	-0.35	-0.35	1	1	0	600	600
12/28/2023 14:48	52102 MEIS_T1	0	85	85	0	0.17	0.17	0	0	1	1	0	450	450
12/28/2023 14:48	44901 SCOT_T2	0	0	0	0	0	0	0.18	0.13	0	0	0	0	0
12/28/2023 14:49	52102 MEIS_T1	0	85	85	0	0.17	0.17	0	0	1	1	0	450	450
12/28/2023 14:49	64801 MONE_T2	1	2	1	5.3	1.75	-3.55	0	0	0	0	0	0	0
12/28/2023 14:49	64902 MILL_T2	0	0	0	0	0	0	-0.74	-0.76	1	1	0	900	900
12/28/2023 14:49	64101 REFR_T1	1	0	-1	7.8	0	-7.8	0.13	0.08	0	0	0	0	0
12/28/2023 14:50	44901 SCOT_T2	0	0	0	0	0	0	0.18	0.13	0	0	0	0	0
12/28/2023 14:50	40601 PIGR_T1	49	139	90	0.14	0.23	0.09	0	0	0	0	0	0	0
12/28/2023 14:50	64101 REFR_T1	1	0	-1	7.8	0	-7.8	0.13	0.08	0	0	0	0	0
12/28/2023 14:51	64101 REFR_T1	1	0	-1	7.8	0	-7.8	0.07	0.04	0	0	0	0	0
12/28/2023 14:52	64101 REFR_T1	1	0	-1	7.8	0	-7.8	0.07	0.04	0	0	0	0	0
12/28/2023 14:53	44901 SCOT_T2	0	0	0	0	0	0	0.13	0.08	0	0	0	0	0
12/28/2023 15:03	64101 REFR_T1	0	0	0	0	0	0	0.04	0.05	0	0	0	0	0
12/28/2023 15:04	42504 ALTA_T2	1	0	-1	0.2	0	-0.2	0	0	0	0	0	0	0
12/28/2023 15:04	57401 SPAN_T1	11	2	-9	0.17	0.2	0.03	0	0	0	0	0	0	0
12/28/2023 15:06	59003 MIFF_T1	0	1	1	0	0.5	0.5	-0.48	-0.98	0	0	0	0	0
12/28/2023 15:06	42802 SELI_T1	1	1	0	0.4	0.5	0.1	-2.15	-2.13	1	1	0	900	900
12/28/2023 15:07	42802 SELI_T1	1	1	0	0.4	0.5	0.1	-2.15	-2.13	1	1	0	900	900
12/28/2023 15:07	57403 SPAN_T1	0	1	1	0	0	0	0.04	0.01	0	0	0	0	0
12/28/2023 15:09	67503 WEWI_T2	0	0	0	0	0	0	-0.35	-0.36	0	0	0	0	0
12/28/2023 15:10	54502 ENOL_T2	1	1	0	0.8	1.1	0.3	-2.05	-2.05	1	1	0	600	600
12/28/2023 15:11	54505 ENOL_T2	1	1	0	1.1	1.2	0.1	-1.35	-1.35	1	1	0	600	600
12/28/2023 15:11	54501 ENOL_T2	0	2	2	0	0.1	0.1	0	0	0	0	0	0	0
12/28/2023 15:11	61303 EARL_T1	0	0	0	0	0	0	0.64	0.89	0	0	0	0	0
12/28/2023 15:12	27502 WEIS_T2	0	0	0	0	0	0	0.12	0.12	0	0	0	0	0
12/28/2023 15:13	61303 EARL_T1	0	0	0	0	0	0	0.32	0.44	0	0	0	0	0
12/28/2023 15:14	27503 WEIS_T2	0	5	5	0	0.1	0.1	0	0	0	0	0	0	0
12/28/2023 15:15	61303 EARL_T1	0	0	0	0	0	0	0.32	0.44	0	0	0	0	0
12/28/2023 15:18	27503 WEIS_T2	5	0	-5	0.1	0	-0.1	0	0	0	0	0	0	0
12/28/2023 15:19	47401 PENS_T1	0	0	0	0	0	0	0.67	0.69	0	0	0	0	0
12/28/2023 15:20	47401 PENS_T1	0	0	0	0	0	0	2.01	2.06	0	0	0	0	0
12/28/2023 15:21	47403 PENS_T1	1	1	0	2.5	2.3	-0.2	0	0	0	0	0	0	0
12/28/2023 15:22	47401 PENS_T1	0	0	0	0	0	0	0.67	0.69	0	0	0	0	0
12/28/2023 15:22	57401 SPAN_T1	2	1	-1	0.2	0.1	-0.1	0	0	0	0	0	0	0
12/28/2023 15:26	56802 BENV_T2	36	47	11	0.2	0.17	-0.03	-1.36	-1.35	0	0	0	0	0
12/28/2023 15:27	61303 EARL_T1	0	0	0	0	0	0	0.89	0.75	0	0	0	0	0
12/28/2023 15:28	61303 EARL_T1	0	0	0	0	0	0	0.44	0.37	0	0	0	0	0
12/28/2023 15:33	52101 MEIS_T1	1	1	0	1.2	1.4	0.2	0	0	0	0	0	0	0
12/28/2023 15:38	46001 BERW_T1	0	0	0	0	0	0	0.96	0.99	0	0	0	0	0
12/28/2023 15:39	60701 BREC_T1	0	198	198	0	0.18	0.18	-0.45	-0.46	1	1	0	600	600
12/28/2023 15:41	46001 BERW_T1	0	0	0	0	0	0	0.96	0.99	0	0	0	0	0
12/28/2023 15:42	60701 BREC_T1	0	198	198	0	0.18	0.18	-0.45	-0.46	1	1	0	600	600
12/28/2023 15:43	61303 EARL_T1	0	0	0	0	0	0	0.75	0.64	0	0	0	0	0
12/28/2023 15:44	60701 BREC_T1	0	198	198	0	0.18	0.18	-0.45	-0.46	1	1	0	600	600
12/28/2023 15:44	61303 EARL_T1	0	0	0	0	0	0	0.37	0.32	0	0	0	0	0
12/28/2023 15:49	52101 MEIS_T1	1	1	0	1.4	1.3	-0.1	0	0	0	0	0	0	0
12/28/2023 16:09	54505 ENOL_T2	1	1	0	1	1.1	0.1	0	0	0	0	0	0	0
12/28/2023 16:13	65001 NEFF_T2	0	2	2	0	0.2	0.2	-0.87	-0.92	1	1	0	1200	1200
12/28/2023 16:16	64201 KINZ_T1	213	40	-173	0.46	0.15	-0.31	-0.59	-0.61	3	3	0	1500	1500
12/28/2023 16:28	52404 GRPA_T2	1	1	0	1	1	0	0	0	0	0	0	0	0
12/28/2023 16:29	52404 GRPA_T2	1	1	0	1	1	0	0	0	0	0	0	0	0
12/28/2023 16:30	52404 GRPA_T2	1	1	0	1	0.9	-0.1	0	0	0	0	0	0	0
12/28/2023 16:32	52404 GRPA_T2	1	1	0	1	0.9	-0.1	0	0	0	0	0	0	0
12/28/2023 16:55	65001 NEFF_T2	0	0	0	0	0	0	-0.93	-0.77	1	1	0	1200	1200
12/28/2023 17:39	57403 SPAN_T1	4	10	6	0.68	0.68	0	0.19	0.2	0	0	0	0	0
12/28/2023 18:10	64201 KINZ_T1	320	431	111	0.57	1.07	0.5	0	0	0	0	0	0	0
12/28/2023 18:21	57401 SPAN_T1	2	2	0	0.6	0.55	-0.05	-1.34	-1.38	1	1	0	600	600
12/28/2023 18:22	24801 VALM_T1	0	0	0	0	0	0	-0.3	-0.3	0	0	0	0	0
12/28/2023 18:23	47403 PENS_T1	1	1	0	2.5	2.6	0.1	0	0	0	0	0	0	0
12/28/2023 18:24	47401 PENS_T1	0	0	0	0	0	0	0.68	0.67	0	0	0	0	0
12/28/2023 18:26	40101 HUNT_T2	0	0	0	0	0	0	-0.6	-0.6	0	0	0	0	0
12/28/2023 18:26	57401 SPAN_T1	2	2	0	0.6	0.55	-0.05	-1.38	-1.41	1	1	0	600	600
12/28/2023 18:27	49803 UNIV_T1	0	0	0	0	0	0	-1.08	-1.1	0	0	0	0	0
12/28/2023 18:27	57401 SPAN_T1	2	2	0	0.6	0.55	-0.05	-1.38	-1.41	1	1	0	600	600
12/28/2023 18:28	41801 GOCI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
12/28/2023 18:28	44901 SCOT_T2	0	0	0	0	0	0	0.04	-0.06	0	0	0	0	0
12/28/2023 18:29	45502 DERR_T2	0	3	3	0	0	0	0	0	0	0	0	0	0
12/28/2023 18:29	16402 MOPO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
12/28/2023 18:29	16302 ALPA_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
12/28/2023 18:30	42802 SELI_T1	0	0	0	0	0	0	-2.25	-2.25	1	1	0	900	900
12/28/2023 18:30	29401 BELT_T1	40	42	2	0.25	0.25	0	0	0	0	0	0	0	0
12/28/2023 18:30	45502 DERR_T2	0	3	3	0	0.35	0.35	0	0	0	0	0	0	0
12/28/2023 18:31	16302 ALPA_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
12/28/2023 18:32	54505 ENOL_T2	1	1	0	0.4	0.5	0.1	-1.34	-1.34	1	1	0	600	600
12/28/2023 18:32	47001 HUGH_T2	0	0	0	0	0	0	-0.8	-0.81	0	0	0	0	0
12/28/2023 18:32	12202 FOGE_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
12/28/2023 18:32	24702 FLND_T2	0	0	0	0	0	0	-0.37	-0.32	1	1	0	1200	1200
12/28/2023 18:32	13503 MCMI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
12/28/2023 18:33	52101 MEIS_T1	1	1	0	0.8	1	0.2	0	0	0	0	0	0	0
12/28/2023 18:33	62607 ENGL_T1	0	0	0	0	0	0	-1.05	-1.05	1	1	0	300	300
12/28/2023 18:33	12701 MACU_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
12/28/2023 18:33	51102 CARL_T1	4	26	22	0.13	0.13	0	0	0	0	0	0	0	0
12/28/2023 18:34	60305 TWVA_T2	0	0	0	0	0	0	0.78	0.77	0	0	0	0	0
12/28/2023 18:34	45501 DERR_T2	3	5	2	0.2	0	-0.2	0.39	0.31	2	2	0	1800	1800
12/28/2023 18:34	42503 ALTA_T2	0	0	0	0	0	0	-0.64	-0.65	0	0	0	0	0
12/28/2023 18:34	42801 SELI_T1	1	1	0	0	0	0	0	0	0	0	0	0	0
12/28/2023 18:35	64204 KINZ_T1	1	1	0	0.7	1.4	0.7	0	0	0	0	0	0	0
12/28/2023 18:35	54504 ENOL_T2	0	0	0	0	0	0	-1.06	-1.06	1	1	0	600	600
12/28/2023 18:35	42802 SELI_T1	0	0	0	0	0	0	-2.25	-2.25	1	1	0	900	900
12/28/2023 18:35	16402 MOPO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
12/28/2023 18:35	12701 MACU_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
12/28/2023 18:36	40602 PIGR_T1	0	1	1	0	0	0	0	0	0	0	0	0	0
12/28/2023 18:36	56802 BENV_T2	6	18	12	0.22	0.18	-0.04	-0.76	-0.76	0	0	0	0	0
12/28/2023 18:36	42801 SELI_T1	1	1	0	0	0	0	0	0	0	0	0	0	0
12/28/2023 18:36	54204 PENN_T2	1	2	1	0.1	0.1	0	0	0	0	0	0	0	0
12/28/2023 18:36	51107 CARL_T1	0	0	0	0	0	0	-0.23	-0.23	0	0	0	0	0
12/28/2023 18:36	66504 SMAN_T2	0	0	0	0	0	0	-1.08	-1.09	0	0	0	0	0
12/28/2023 18:36	29402 BELT_T1	1	1	0	6.9	7.2	0.3	0	0	0	0	0	0	0
12/28/2023 18:36	29401 BELT_T1	40	42	2	0.25	0.25	0	0	0	1	1	0	900	900
12/28/2023 18:36	64101 REFR_T1	0	1	1	0	0	0	-0.06	-0.1	0	0	0	0	0
12/28/2023 18:36	56801 BENV_T1	13	28	15	0.26	0.31	0.05	-0.78	-0.78	1	1	0	600	600
12/28/2023 18:37	12701 MACU_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
12/28/2023 18:37	46901 MNTG_T2	0	0	0	0	0	0	1.09	0.61	0	0	0	0	0
12/28/2023 18:37	47403 PENS_T1	1	1	0	2.6	2.6	0	0	0	0	0	0	0	0
12/28/2023 18:37	22102 EDEL_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
12/28/2023 18:37	45702 LIND_T2	1	1	0	0.7	1.3	0.6	-0.61	-0.61	0	0	0	0	0
12/28/2023 18:38	55101 WERT_T1	0	0	0	0	0	0	-1.39	-1.35	2	2	0	1500	1500
12/28/2023 18:38	29402 BELT_T1	1	1	0	6.9	7.2	0.3	0	0	0	0	0	0	0
12/28/2023 18:38	67503 WEWI_T2	0	0	0	0	0	0	-0.69	-0.71	0	0	0	0	0
12/28/2023 18:38	64204 KINZ_T1	1	1	0	0.7	1.4	0.7	0	0	0	0	0	0	0
12/28/2023 18:38	40505 CRES_T1	0	0	0	0	0	0	0.52	0.52	0	0	0	0	0
12/28/2023 18:38	41801 GOCI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
12/28/2023 18:38	20603 GRWO_T2	0	0	0	0	0	0	-0.67	-0.67	1	1	0	900	900
12/28/2023 18:38	43202 MVIL_T2	3	3	0	0.83	0.2	-0.63	0	0	0	0	0	0	0
12/28/2023 18:38	56501 ROCK_T2	1	1	0	0.9	0.6	-0.3	-0.89	-0.9	0	0	0	0	0
12/28/2023 18:38	40602 PIGR_T1	0	1	1

12/28/2023 18:43	67502 WEWI_T2	0	0	0	0	0	0	-0.35	-0.46	0	0	0	0	0	0
12/28/2023 18:43	55101 WERT_T1	0	0	0	0	0	0	-1.35	-1.3	2	2	0	1500	1500	0
12/28/2023 18:43	46903 MNTG_T2	20	96	76	0.14	0.19	0.05	0.24	0.25	0	0	0	0	0	0
12/28/2023 18:44	56802 BENV_T2	6	18	12	0.22	0.18	-0.04	-1.52	-1.52	0	0	0	0	0	0
12/28/2023 18:44	29402 BELT_T1	1	1	0	6.9	7.2	0.3	0	0	0	0	0	0	0	0
12/28/2023 18:44	44601 SALE_T2	1	1	0	0.2	0.2	0	-0.07	-0.08	0	0	0	0	0	0
12/28/2023 18:44	16302 ALPA_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/28/2023 18:44	53501 EVIL_T2	3	2	-1	0.5	0.35	-0.15	-1.45	-1.45	0	0	0	0	0	0
12/28/2023 18:44	42801 SELI_T1	1	1	0	0	0	0	0	0	0	0	0	0	0	0
12/28/2023 18:44	20403 ASHF_T2	0	0	0	0	0	0	0.2	0.19	0	0	0	0	0	0
12/28/2023 18:44	40602 PIGR_T1	0	1	1	0	0	0	-0.15	-0.15	0	0	0	0	0	0
12/28/2023 18:44	65001 NEFF_T2	0	0	0	0	0	0	-0.91	-0.92	1	1	0	1200	1200	0
12/28/2023 18:44	66505 SMAN_T2	3	3	0	0.77	0.73	-0.04	0	0	0	0	0	0	0	0
12/28/2023 18:45	47403 PENS_T1	1	2	1	2.6	1.3	-1.3	0	0	0	0	0	0	0	0
12/28/2023 18:45	61303 EARL_T1	0	0	0	0	0	0	0.88	0.36	0	0	0	0	0	0
12/28/2023 18:45	55002 NEWP_T1	5	6	1	0.3	0.47	0.17	-0.27	-0.28	0	0	0	0	0	0
12/28/2023 18:45	67502 WEWI_T2	0	0	0	0	0	0	-0.35	-0.46	0	0	0	0	0	0
12/28/2023 18:45	56802 BENV_T2	18	6	-12	0.17	0.32	0.15	-1.52	-1.52	0	0	0	0	0	0
12/28/2023 18:46	40603 PIGR_T1	0	0	0	0	0	0	-0.64	-0.64	0	0	0	0	0	0
12/28/2023 18:46	47401 PENS_T1	0	0	0	0	0	0	0.67	0.74	0	0	0	0	0	0
12/28/2023 18:46	43401 BENT_T1	1	1	0	0.2	0	-0.2	0	0	0	0	0	0	0	0
12/28/2023 18:46	29402 BELT_T1	1	1	0	7	7.2	0.2	0	0	0	0	0	0	0	0
12/28/2023 18:46	40101 HUNT_T2	0	0	0	0	0	0	-0.6	-0.61	0	0	0	0	0	0
12/28/2023 18:46	61303 EARL_T1	0	0	0	0	0	0	0.88	0.36	0	0	0	0	0	0
12/28/2023 18:46	40505 CRES_T1	0	0	0	0	0	0	0.52	0.52	0	0	0	0	0	0
12/28/2023 18:46	67502 WEWI_T2	0	0	0	0	0	0	-0.35	-0.46	0	0	0	0	0	0
12/28/2023 18:46	42801 SELI_T1	1	1	0	0	0	0	0	0	0	0	0	0	0	0
12/28/2023 18:46	65901 SAKR_T2	1	1	0	8.9	9.3	0.4	-1.24	-1.22	1	1	0	900	900	0
12/28/2023 18:46	56802 BENV_T2	18	6	-12	0.17	0.32	0.15	-1.52	-1.52	0	0	0	0	0	0
12/28/2023 18:46	67602 WARW_T2	0	0	0	0	0	0	0.28	0.28	0	0	0	0	0	0
12/28/2023 18:46	59101 WALK_T2	1	1	0	0	0	0	0.99	0.75	1	1	0	450	450	0
12/28/2023 18:46	60803 BUCK_T1	0	0	0	1	0	0	-1.54	-1.55	1	1	0	600	600	0
12/28/2023 18:47	57303 MOAL_T2	1	1	0	7.4	7.3	-0.1	0	0	0	0	0	0	0	0
12/28/2023 18:47	45402 WBLO_T2	28	48	20	0.16	0.28	0.12	-0.81	-0.81	0	0	0	0	0	0
12/28/2023 18:47	56802 BENV_T2	18	6	-12	0.17	0.32	0.15	-1.52	-1.52	0	0	0	0	0	0
12/28/2023 18:47	67502 WEWI_T2	0	0	0	0	0	0	-0.35	-0.46	0	0	0	0	0	0
12/28/2023 18:47	53501 EVIL_T2	2	3	1	0.2	0.57	0.37	-0.73	-0.73	0	0	0	0	0	0
12/28/2023 18:47	12202 FOGE_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/28/2023 18:47	13302 ORVI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/28/2023 18:48	67502 WEWI_T2	0	0	0	0	0	0	-0.35	-0.46	0	0	0	0	0	0
12/28/2023 18:48	67602 WARW_T2	0	0	0	0	0	0	0.57	0.56	0	0	0	0	0	0
12/28/2023 18:48	55002 NEWP_T1	5	6	1	0.3	0.47	0.17	-0.27	-0.28	0	0	0	0	0	0
12/28/2023 18:48	41902 REED_T1	4	4	-1	0.78	0.2	-0.58	2.22	2.24	0	0	0	0	0	0
12/28/2023 18:48	43001 ALWD_T1	0	7	7	0	0.17	0.17	0	0	0	0	0	0	0	0
12/28/2023 18:48	55101 WERT_T1	0	0	0	0	0	0	-1.35	-1.3	2	2	0	1500	1500	0
12/28/2023 18:48	52102 MEIS_T1	14	52	38	0.19	0.2	0.01	0	0	1	1	0	450	450	0
12/28/2023 18:48	54505 ENOL_T2	1	1	0	0.5	0.6	0.1	0	0	0	0	0	0	0	0
12/28/2023 18:48	45802 HEGI_T2	0	0	0	0	0	0	0.47	0.54	0	0	0	0	0	0
12/28/2023 18:48	64101 REFR_T1	0	0	0	0	0	0	-0.1	-0.02	0	0	0	0	0	0
12/28/2023 18:48	59101 WALK_T2	1	1	0	0	0	0	0.99	0.75	1	1	0	450	450	0
12/28/2023 18:48	56802 BENV_T2	18	6	-12	0.17	0.32	0.15	-0.76	-0.76	0	0	0	0	0	0
12/28/2023 18:48	60201 ATGL_T2	0	0	0	0	0	0	0.1	0.09	1	1	0	300	300	0
12/28/2023 18:49	60201 ATGL_T2	0	0	0	0	0	0	0.1	0.09	1	1	0	300	300	0
12/28/2023 18:49	60801 BUCK_T1	0	0	0	0	0	0	-0.21	-0.21	0	0	0	0	0	0
12/28/2023 18:49	43401 BENT_T1	1	1	0	0.2	0	-0.2	0	0	0	0	0	0	0	0
12/28/2023 18:49	46801 HEPB_T2	0	0	0	0	0	0	0.59	0.59	0	0	0	0	0	0
12/28/2023 18:49	67204 TEHI_T2	0	0	0	0	0	0	0.09	0.09	0	0	0	0	0	0
12/28/2023 18:49	56802 BENV_T2	18	6	-12	0.17	0.32	0.15	-1.52	-1.52	0	0	0	0	0	0
12/28/2023 18:49	43202 MVIL_T2	3	2	-1	0.33	0	-0.33	-1.44	-1.46	0	0	0	0	0	0
12/28/2023 18:49	57401 SPAN_T1	2	2	0	0.55	0.55	0	-1.41	-1.44	1	1	0	600	600	0
12/28/2023 18:49	67402 WAKE_T2	0	0	0	0	0	0	-0.42	-0.43	1	1	0	600	600	0
12/28/2023 18:50	40101 HUNT_T2	0	0	0	0	0	0	-0.6	-0.61	0	0	0	0	0	0
12/28/2023 18:50	64101 REFR_T1	0	0	0	0	0	0	-0.1	-0.02	0	0	0	0	0	0
12/28/2023 18:50	42802 SELI_T1	0	0	0	0	0	0	-2.25	-2.25	1	1	0	900	900	0
12/28/2023 18:50	43001 ALWD_T1	0	7	7	0	0.17	0.17	0	0	0	0	0	0	0	0
12/28/2023 18:50	52402 GRPA_T2	4	4	0	1.43	1.85	0.42	0	0	0	0	0	0	0	0
12/28/2023 18:50	56504 ROCK_T2	0	1	1	0	0	0	0	0	0	0	0	0	0	0
12/28/2023 18:50	54204 PENN_T2	1	2	1	0.1	0.35	0.25	0	0	0	0	0	0	0	0
12/28/2023 18:50	55001 NEWP_T1	0	1	1	0	0	0	0	0	0	0	0	0	0	0
12/28/2023 18:50	55101 WERT_T1	0	0	0	0	0	0	-1.35	-1.3	2	2	0	1500	1500	0
12/28/2023 18:50	65001 NEFF_T2	0	2	2	0	0.1	0.1	-0.91	-0.92	1	1	0	1200	1200	0
12/28/2023 18:50	67502 WEWI_T2	0	0	0	0	0	0	-0.35	-0.46	0	0	0	0	0	0
12/28/2023 18:50	41801 GOCI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/28/2023 18:51	53501 EVIL_T2	2	3	1	0.2	0.57	0.37	-0.73	-0.73	0	0	0	0	0	0
12/28/2023 18:51	11804 FRAN_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/28/2023 18:51	46903 MNTG_T2	79	79	0	0.18	0.2	0.02	0.24	0.25	0	0	0	0	0	0
12/28/2023 18:51	56802 BENV_T2	18	6	-12	0.17	0.32	0.15	-0.76	-0.76	0	0	0	0	0	0
12/28/2023 18:51	52101 MEIS_T1	1	1	0	1	0.6	-0.4	0	0	0	0	0	0	0	0
12/28/2023 18:51	64101 REFR_T1	0	0	0	0	0	0	-0.1	-0.02	0	0	0	0	0	0
12/28/2023 18:51	59101 WALK_T2	1	1	0	0	0	0	0.99	0.75	1	1	0	450	450	0
12/28/2023 18:51	67605 WARW_T1	0	0	0	0	0	0	-0.91	-0.93	0	0	0	0	0	0
12/28/2023 18:51	55101 WERT_T1	0	0	0	0	0	0	-4.04	-3.91	6	6	0	4500	4500	0
12/28/2023 18:51	52501 PROG_T1	0	0	0	0	0	0	0.26	0.26	1	1	0	300	300	0
12/28/2023 18:51	59002 MIFF_T1	0	1	1	0	0.1	0.1	0	0	0	0	0	0	0	0
12/28/2023 18:51	56803 BENV_T1	0	5	5	0	0.14	0.14	0	0	0	0	0	0	0	0
12/28/2023 18:51	47401 PENS_T1	0	0	0	0	0	0	0.67	0.74	0	0	0	0	0	0
12/28/2023 18:51	67502 WEWI_T2	0	0	0	0	0	0	-0.35	-0.46	0	0	0	0	0	0
12/28/2023 18:51	67503 WEWI_T2	0	0	0	0	0	0	-0.71	-0.71	0	0	0	0	0	0
12/28/2023 18:51	67204 TEHI_T2	0	0	0	0	0	0	0.09	0.09	0	0	0	0	0	0
12/28/2023 18:52	52102 MEIS_T1	14	52	38	0.19	0.2	0.01	0	0	1	1	0	450	450	0
12/28/2023 18:52	20401 ASHF_T2	0	1	1	0	0.1	0.1	0	0	0	0	0	0	0	0
12/28/2023 18:52	40505 CRES_T1	0	0	0	0	0	0	0.52	0.52	0	0	0	0	0	0
12/28/2023 18:52	59101 WALK_T2	1	1	0	0	0	0	0.99	0.75	1	1	0	450	450	0
12/28/2023 18:52	64101 REFR_T1	0	0	0	0	0	0	-0.1	-0.02	0	0	0	0	0	0
12/28/2023 18:52	61303 EARL_T1	0	0	0	0	0	0	0.88	0.36	0	0	0	0	0	0
12/28/2023 18:52	55101 WERT_T1	0	0	0	0	0	0	-2.69	-2.6	4	4	0	3000	3000	0
12/28/2023 18:52	45802 HEGI_T2	0	0	0	0	0	0	0.47	0.54	0	0	0	0	0	0
12/28/2023 18:53	63404 HONY_T1	2	2	0	6.4	6.7	0.3	0	0	0	0	0	0	0	0
12/28/2023 18:53	53901 HALI_T2	0	3	3	0	0.2	0.2	0	0	0	0	0	0	0	0
12/28/2023 18:53	52402 GRPA_T2	4	4	0	1.43	1.85	0.42	0	0	0	0	0	0	0	0
12/28/2023 18:53	67103 SPRI_T1	0	0	0	0	0	0	-0.09	-0.09	0	0	0	0	0	0
12/28/2023 18:53	42802 SELI_T1	0	0	0	0	0	0	-2.25	-2.25	1	1	0	900	900	0
12/28/2023 18:53	60503 NMAN_T2	3	3	0	4.9	4.63	-0.27	0	0	0	0	0	0	0	0
12/28/2023 18:53	13302 ORVI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/28/2023 18:53	57401 SPAN_T1	2	2	0	0.55	0.55	0	-1.41	-1.44	1	1	0	600	600	0
12/28/2023 18:54	20401 ASHF_T2	0	1	1	0	0.1	0.1	0	0	0	0	0	0	0	0
12/28/2023 18:54	67503 WEWI_T2	0	0	0	0	0	0	-0.36	-0.36	0	0	0	0	0	0
12/28/2023 18:54	55002 NEWP_T1	5	6	1	0.3	0.47	0.17	-0.28	-0.28	0	0	0	0	0	0
12/28/2023 18:54	13302 ORVI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/28/2023 18:54	66901 SHIL_T2	0	0	0	0	0	0	-1.69	-1.71	1	1	0	1200	1200	0
12/28/2023 18:54	59101 WALK_T2	1	1	0	0	0	0	0.75	0.69	1	1	0	450	450	0
12/28/2023 18:55	64802 MONE_T2	0	0	0	0	0	0	-0.08	-0.08	0	0	0	0	0	0
12/28/2023 18:55	59101 WALK_T2	1	1	0	0	0	0	0.75	0.69	1	1	0	450	450	0
12/28/2023 18:55	52403 GRPA_T2	0	5	5	0	0.14	0.14	0	0	0	0	0	0	0	0
12/28/2023 18:55	55002 NEWP_T1	5	6	1	0.3	0.47	0.17	-0.28	-0.28	0	0	0	0	0	0
12/28/2023 18:55	66703 STRA_T1	0	0	0	0	0	0	-0.31	-0.32	0	0	0	0	0	0
12/28/2023 18:56	52404 GRPA_T2	1	1	0	0.6	0.8	0.2	0	0	0	0	0	0	0	0
12/28/2023 18:56	40505 CRES_T1	0	0	0	0	0	0	0.52	0.51	0	0	0	0	0	0
12/28/2023 18:56	59002 MIFF_T1	1	1	0	0	0.1	0.1	0	0	0	0	0	0	0	0
12/28/2023 18:56	52101 MEIS_T1	1	1	0	1	0.6	-0.4	0	0	0	0	0	0	0	0
12/28/2023 18:56	61801 EELI_T2	0	0	0	0	0	0	-0.34	-0.35	0	0	0	0	0	0
12/28/2023 18:56	40502 CRES_T2	19	13	-6	0.25	0.33	0.08	-0.29	-0.29	0	0	0	0	0	0
12/28/2023 18:56	13302 ORVI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/28/2023 18:56	60803 BUCK_T1	0	0	0	0	0	0	-1.55	-1.56	1	1	0	600	600	0
12/28/2023 18:57	65901 SAKR_T2	1	1	0	8.9	9.3	0.4	0	0	0	0	0	0	0	0
12/28/2023 18:58	40501 CRES_T2	2	3	1	0.2	0.17	-0.03	0	0	0	0	0	0	0	0
12/28/2023 18:58	52402 GRPA_T2	4	4	0	1.43	1.85	0.42	0	0	0	0	0	0	0	0
12/28/2023 18:58	61303 EARL_T1	0	0	0	0	0	0	0.36	0.33	0	0	0	0	0	0
12/28/2023 18:59	52402 GRPA_T2	4	4	0	1.43	1.85	0.42	0	0	0	0	0	0	0	0
12/28/2023 18:59	56802 BENV_T2	18	6	-12	0.17	0.32	0.15	-0.76	-0.76	0	0	0	0	0	0
12/28/2023 19:01	52404 GRPA_T2	1	1	0	0.6	0.8	0.2	0	0	0	0	0	0	0	0
12/28/2023 19:01	56504 ROCK_T2	0	0	0	0	0	0	-0.25	-0.39	0	0	0	0	0	0
12/28/2023 19:01	53901 HALI_T2	1	20	19	0.2	0.16	-0.04	0	0	0	0	0	0	0	0
12/28/2023 19:02	52404 GRPA_T2	1	1	0	0.6	0.8	0.2	0	0	0	0	0	0	0	0
12/28/2023 19:02	52102 MEIS_T1	37	83	46	0.2	0.23	0.03	0	0	1	1	0	450	450	0
12/28/2023 19:07	65001 NEFF_T2	0	2	2	0	0.1	0.1	-0.92	-0.99	1	1	0	1200	1200	0
12/28/2023 19:10	58402 MORO_T1	0	0	0	0	0	0	-0.19	-0.21	2	2	0	1500	1500	0
12/28/2023 19:17	56802 BENV_T2	5	34	29	0.34	0.17	-0.17	-0.76	-0.77	0	0	0	0	0	0
12/28/2023 19:18	41901 REED_T1	10	6	-4	0.4	0.33	-0.07	0	0	0	0	0	0	0	0
12/28/2023 19:33	64902 MILL_T2	0	0	0	0	0	0	-0.78	-0.79	1	1	0	900	900	0
12/28/2023 19:43	65001 NEFF_T2	0	2	2	0	0.1	0.1	-0.98	-1	1	1	0	1200	1200	0
12/28/2023 20:09	65003 NEFF_T2	1	3	2	0.1	0.17	0.07	0	0	0	0	0	0	0	0
12/28/2023 20:20	65003 NEFF_T2	3	1	-2	0.17	0.1	-0.07	0	0	0	0	0	0	0	0
12/28/2023 20:35	65003 NEFF_T2	0	1	1	0	0.1	0.1	0	0	0	0	0	0	0	0
12/28/2023 20:46	56501 ROCK_T2	1	23	22	0.1	0.18	0.08	0	0	0	0	0	0	0	0
12/28/2023 21:23	65003 NEFF_T2	4	4	0	0.2	0.2	0	0	0	0	0	0	0	0	0
12/28/2023 23:08	65001 NEFF_T2	0	0	0	0	0	0	-1.01	-1.1	1	1	0	1200	1200	0
12/28/2023 23:23	65001 NEFF_T2	0	0	0	0	0	0	-1.1	-1.14	1	1	0	1200	1200	0
12/29/2023 0:21	65001 NEFF_T2	46	91	45	0.13	0.13	0	-1.24	-1.22	1	1	0	1200	1200	0
12/29/2023 4:36	29401 BELT_T1	0	0	0	0	0	0	0	0	1	1	0	900	900	0
12/29/2023 7:53	43402 BENT_T1	0	0	0	0	0	0	-1.46	-1.46	2	2	0	1500	1500	0
12/29/2023 7:54	45501 DERR_T2	7	4	-3	0.37	2.1	1.73	0.07	0.17	2	2	0	1800	1800	0
12/29/2023 7:56	45502 DERR_T2	17	7	-10	0.46	0.63	0.17	0	0	0	0	0	0	0	0
12/29/2023 7:56	43402 BENT_T1	0	0	0	0	0	0	-1.46	-1.46	2	2	0	1500	1500	0
12/29/2023 8:01	46903 MNTG_T2	0	0	0	0	0	0	0.04	0.04	1	1	0	600	600	0
12/29/2023 8:02	40602 PIGR_T1	0	0	0	0	0	0	-0.34	-0.34	1	1	0	600	600	0
12/29/2023 8:04	46903 MNTG_T2	0	0	0	0	0	0	0.04	0.04	1	1	0	600	600	0
12/29/2023 8:36	67103 SPRI_T1	0	0	0	0	0	0	-0.09	-0.12	0	0	0	0	0	0
12/29/2023 8:38	67103 SPRI_T1	0	0	0	0	0	0	-0.09	-0.12	0	0	0	0	0	0
12/29/2023 8:39	55002 NEWP_T1	6	6	0	0.45	0.72	0.27	-0.23	-0.23	0	0	0	0	0	0
12/29/2023 8:41	53601 DALM_T2	1	5	4	0.1	0.4	0.3	0.3	0.31	0	0	0	0	0	0
12/29/2023 8:44	52101 MEIS_T1	1	1	0	0.5	0.4	-0.1	0	0	0	0	0	0	0	0
12/29/2023 8:46	55002 NEWP_T1	6	7	1	0.62	0.7	0.08	-0.23	-0.23	0	0	0	0	0	0
12/29/2023 8:47	52102 MEIS_T1	0	3	3	0	0	0	0	0	1	1	0	450	450	0
12/29/2023 8:48	55002 NEWP_T1	6	7	1	0.62	0.7	0.08	-0.23	-0.23	0	0	0	0	0	0
12/29/2023 8:50	55001 NEWP_T1	0	1	1	0	0.1	0.1	0	0	0	0	0	0	0	0
12/29/2023 8:54	59102 WALK_T2	0	1	1	0	0.1	0.1	0	0	0	0	0	0	0	0
12/29/2023 9:00	67503 WEWI_T2	0	0	0	0	0	0	-0.42	-0.45	0	0	0	0	0	0
12/29/2023 9:00	41902 REED_T1	1	4	3	1.5	0	-1.5	1.19	1.19	0	0	0	0	0	0
12/29/2023 9:00	59102 WALK_T2	0	1	1	0	0.1	0.1	-0.33	-0.36	1	1	0	600	600	0
12/29/2023 9:00	52101 MEIS_T1	0	1	1	0	0.6	0.6	0	0	0	0	0	0	0	0
12/29/2023 9:00	43802 WATS_T2	4	0	-4	0.2	0	-0.2	0	0	0	0	0	0	0	0
12/29/2023 9:00	43001 ALWD_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/29/2023 9:00	67103 SPRI_T1	0	0	0	0	0	0	-0.11	-0.1	0	0	0	0	0	0
12/29/2023 9:00	46003 BERW_T2	1	1	0	2.7	3	0.3	0	0	0	0	0	0	0	0
12/29/2023 9:00	40601 PIGR_T1	1	5	4	0.2	0.2	0	0	0	0	0	0	0	0	0
12/29/2023 9:00	27502 WEIS_T2	0	0	0	0	0	0	-0.49	-0.54	0	0	0	0	0	0
12/29/2023 9:00	57401 SPAN_T1	1	2	1	0.2	0.3	0.1	0	0	0	0	0	0	0	0
12/29/2023 9:00	55101 WERT_T1	0	0	0	0	0	0	-1.57	-1.59	2

12/29/2023 9:41	67502 WEWI_T2	6	7	1	0.15	0.26	0.11	-1.21	-1.17	1	1	0	900	900	0
12/29/2023 9:42	56802 BENV_T2	1	5	4	0.6	0.34	-0.26	-1.38	-1.38	0	0	0	0	0	0
12/29/2023 9:44	54505 ENOL_T2	1	1	0	1	1	0	0	0	0	0	0	0	0	0
12/29/2023 9:46	52404 GRPA_T2	4	2	-2	0.18	0	-0.18	0	0	0	0	0	0	0	0
12/29/2023 9:47	46901 MNTG_T2	0	0	0	0	0	0	0.9	0.86	0	0	0	0	0	0
12/29/2023 9:48	40601 PIGR_T1	30	21	-9	0.13	0.16	0.03	0	0	0	0	0	0	0	0
12/29/2023 9:48	13302 ORVI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/29/2023 9:49	13302 ORVI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/29/2023 9:49	64101 REFR_T1	0	0	0	0	0	0	-0.11	-0.1	0	0	0	0	0	0
12/29/2023 9:50	13302 ORVI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/29/2023 9:50	64101 REFR_T1	0	0	0	0	0	0	-0.22	-0.19	0	0	0	0	0	0
12/29/2023 9:51	64101 REFR_T1	0	0	0	0	0	0	-0.11	-0.1	0	0	0	0	0	0
12/29/2023 9:52	40601 PIGR_T1	30	21	-9	0.13	0.16	0.03	0	0	0	0	0	0	0	0
12/29/2023 9:52	64101 REFR_T1	0	0	0	0	0	0	-0.11	-0.1	0	0	0	0	0	0
12/29/2023 9:53	46001 BERW_T1	0	1	1	0	0	0	0.78	0.73	0	0	0	0	0	0
12/29/2023 9:53	56802 BENV_T2	3	5	2	0.33	0.42	0.09	-1.38	-1.38	0	0	0	0	0	0
12/29/2023 9:53	64101 REFR_T1	0	0	0	0	0	0	-0.33	-0.29	0	0	0	0	0	0
12/29/2023 9:53	56504 ROCK_T2	0	0	0	0	0	0	-0.19	-0.43	0	0	0	0	0	0
12/29/2023 9:53	13302 ORVI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/29/2023 9:54	29402 BELT_T1	1	1	0	7.5	7.1	-0.4	0	0	0	0	0	0	0	0
12/29/2023 9:54	40501 CRES_T2	5	3	-2	0.16	0.17	0.01	0	0	0	0	0	0	0	0
12/29/2023 9:54	56802 BENV_T2	3	5	2	0.33	0.42	0.09	-1.38	-1.39	0	0	0	0	0	0
12/29/2023 9:54	67402 WAKE_T2	0	0	0	0	0	0	0.23	0.23	0	0	0	0	0	0
12/29/2023 9:55	67502 WEWI_T2	0	60	60	0	0.25	0.25	-1.17	-1.2	1	1	0	900	900	0
12/29/2023 9:56	40502 CRES_T2	7	6	-1	0.4	0.42	0.02	0.14	0.14	0	0	0	0	0	0
12/29/2023 9:56	56802 BENV_T2	3	5	2	0.33	0.42	0.09	-1.38	-1.39	0	0	0	0	0	0
12/29/2023 9:56	46001 BERW_T1	0	1	1	0	0	0	0.78	0.73	0	0	0	0	0	0
12/29/2023 9:57	56802 BENV_T2	3	5	2	0.33	0.42	0.09	-4.15	-4.16	0	0	0	0	0	0
12/29/2023 9:58	56802 BENV_T2	3	5	2	0.33	0.42	0.09	-1.38	-1.39	0	0	0	0	0	0
12/29/2023 9:58	40501 CRES_T2	5	3	-2	0.16	0.17	0.01	0	0	0	0	0	0	0	0
12/29/2023 10:01	57304 MOAL_T2	0	1	1	0	0.1	0.1	-0.37	-0.48	0	0	0	0	0	0
12/29/2023 10:01	46903 MNTG_T2	0	0	0	0	0	0	0.03	0.1	1	1	0	600	600	0
12/29/2023 10:02	59301 MCAL_T1	2	7	5	0.7	0.57	-0.13	-1.6	-1.6	1	1	0	600	600	0
12/29/2023 10:02	63404 HONY_T1	2	2	0	6.45	6.4	-0.05	0	0	0	0	0	0	0	0
12/29/2023 10:03	46903 MNTG_T2	0	0	0	0	0	0	0.03	0.1	1	1	0	600	600	0
12/29/2023 10:03	46901 MNTG_T2	0	0	0	0	0	0	0.86	0.84	0	0	0	0	0	0
12/29/2023 10:04	57303 MOAL_T2	1	1	0	7.2	7.2	0	0	0	0	0	0	0	0	0
12/29/2023 10:04	55002 NEWP_T1	4	9	5	0.75	0.92	0.17	-0.67	-0.67	0	0	0	0	0	0
12/29/2023 10:04	46901 MNTG_T2	0	0	0	0	0	0	0.86	0.84	0	0	0	0	0	0
12/29/2023 10:05	59102 WALK_T2	0	1	1	0	0.2	0.2	0	0	0	0	0	0	0	0
12/29/2023 10:05	57401 SPAN_T1	4	4	0	0.28	0.23	-0.05	-1.14	-1.15	1	1	0	600	600	0
12/29/2023 10:05	46903 MNTG_T2	0	0	0	0	0	0	0.03	0.1	1	1	0	600	600	0
12/29/2023 10:06	57401 SPAN_T1	4	4	0	0.28	0.23	-0.05	-1.14	-1.15	1	1	0	600	600	0
12/29/2023 10:06	66504 SMAN_T2	0	0	0	0	0	0	-1.13	-1.14	0	0	0	0	0	0
12/29/2023 10:07	56802 BENV_T2	5	75	70	0.3	0.19	-0.11	-1.38	-1.39	0	0	0	0	0	0
12/29/2023 10:08	56802 BENV_T2	5	75	70	0.3	0.19	-0.11	-2.77	-2.77	0	0	0	0	0	0
12/29/2023 10:08	20401 ASHF_T2	0	1	1	0	0	0	0	0	0	0	0	0	0	0
12/29/2023 10:08	66504 SMAN_T2	0	0	0	0	0	0	-0.57	-0.57	0	0	0	0	0	0
12/29/2023 10:08	27502 WEIS_T2	0	0	0	0	0	0	-0.49	-0.54	0	0	0	0	0	0
12/29/2023 10:09	14403 SSLA_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/29/2023 10:09	57401 SPAN_T1	4	4	0	0.28	0.23	-0.05	-1.15	-1.16	1	1	0	600	600	0
12/29/2023 10:10	20403 ASHF_T2	0	0	0	0	0	0	0.14	0.14	0	0	0	0	0	0
12/29/2023 10:10	56802 BENV_T2	5	75	70	0.3	0.19	-0.11	-1.39	-1.39	0	0	0	0	0	0
12/29/2023 10:10	40502 CRES_T2	5	6	1	0.42	0.42	0	0.14	0.13	0	0	0	0	0	0
12/29/2023 10:11	61303 EARL_T1	0	0	0	0	0	0	1.66	1.46	0	0	0	0	0	0
12/29/2023 10:12	40503 CRES_T2	3	6	3	0.17	0.15	-0.02	0	0	0	0	0	0	0	0
12/29/2023 10:12	61303 EARL_T1	0	0	0	0	0	0	0.83	0.73	0	0	0	0	0	0
12/29/2023 10:12	57401 SPAN_T1	4	4	0	0.28	0.23	-0.05	-1.15	-1.16	1	1	0	600	600	0
12/29/2023 10:12	27502 WEIS_T2	0	0	0	0	0	0	-0.49	-0.54	0	0	0	0	0	0
12/29/2023 10:15	12701 MACU_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/29/2023 10:15	46903 MNTG_T2	0	0	0	0	0	0	0.1	0.02	1	1	0	600	600	0
12/29/2023 10:16	40101 HUNT_T2	2	12	10	0.3	0.4	0.1	-0.18	-0.19	0	0	0	0	0	0
12/29/2023 10:17	12701 MACU_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/29/2023 10:18	43201 MVIL_T2	0	0	0	0	0	0	-1.27	-1.27	0	0	0	0	0	0
12/29/2023 10:18	40101 HUNT_T2	2	12	10	0.3	0.4	0.1	-0.18	-0.19	0	0	0	0	0	0
12/29/2023 10:19	65001 NEFF_T2	0	0	0	0	0	0	-0.74	-0.81	1	1	0	1200	1200	0
12/29/2023 10:19	42802 SELI_T1	0	0	0	0	0	0	-2.13	-2.13	1	1	0	900	900	0
12/29/2023 10:20	65001 NEFF_T2	0	0	0	0	0	0	-0.74	-0.81	1	1	0	1200	1200	0
12/29/2023 10:20	57401 SPAN_T1	4	2	-2	0.23	0.35	0.12	-1.15	-1.16	1	1	0	600	600	0
12/29/2023 10:20	52503 PROG_T2	0	0	0	0	0	0	-0.66	-0.68	1	1	0	900	900	0
12/29/2023 10:20	13302 ORVI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/29/2023 10:21	42802 SELI_T1	0	0	0	0	0	0	-2.13	-2.13	1	1	0	900	900	0
12/29/2023 10:21	67602 WARW_T2	0	0	0	0	0	0	1.34	0.45	0	0	0	0	0	0
12/29/2023 10:21	52503 PROG_T2	0	0	0	0	0	0	-0.66	-0.68	1	1	0	900	900	0
12/29/2023 10:21	13302 ORVI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/29/2023 10:22	42802 SELI_T1	0	0	0	0	0	0	-4.26	-4.26	2	2	0	1800	1800	0
12/29/2023 10:22	54206 PENN_T2	3	3	0	0.1	0.2	0.1	0.02	0.03	0	0	0	0	0	0
12/29/2023 10:22	67602 WARW_T2	0	0	0	0	0	0	2.69	0.91	0	0	0	0	0	0
12/29/2023 10:22	29401 BELT_T1	0	0	0	0	0	0	0	0	1	1	0	900	900	0
12/29/2023 10:24	45501 DERR_T2	0	0	0	0	0	0	0.07	0.01	2	2	0	1800	1800	0
12/29/2023 10:24	67502 WEWI_T2	60	105	45	0.25	0.21	-0.04	-1.23	-1.13	1	1	0	900	900	0
12/29/2023 10:24	56504 ROCK_T2	0	1	1	0	0.2	0.2	0	0	0	0	0	0	0	0
12/29/2023 10:24	27502 WEIS_T2	0	0	0	0	0	0	-0.54	-0.54	0	0	0	0	0	0
12/29/2023 10:25	46001 BERW_T1	0	0	0	0	0	0	0.72	0.72	0	0	0	0	0	0
12/29/2023 10:25	67502 WEWI_T2	60	105	45	0.25	0.21	-0.04	-1.23	-1.13	1	1	0	900	900	0
12/29/2023 10:25	45501 DERR_T2	0	0	0	0	0	0	0.07	0.01	2	2	0	1800	1800	0
12/29/2023 10:26	29401 BELT_T1	0	0	0	0	0	0	0	0	1	1	0	900	900	0
12/29/2023 10:26	67502 WEWI_T2	60	105	45	0.25	0.21	-0.04	-1.23	-1.13	1	1	0	900	900	0
12/29/2023 10:28	53903 HALI_T2	3	3	0	0.9	0.97	0.07	-0.13	-0.13	0	0	0	0	0	0
12/29/2023 10:28	27502 WEIS_T2	0	0	0	0	0	0	-0.54	-0.54	0	0	0	0	0	0
12/29/2023 10:30	40601 PIGR_T1	19	66	47	0.12	0.18	0.06	0	0	0	0	0	0	0	0
12/29/2023 10:32	43202 MVIL_T2	2	4	2	0.4	0.3	-0.1	-0.63	-0.63	0	0	0	0	0	0
12/29/2023 10:33	12701 MACU_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/29/2023 10:33	16402 MOPO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/29/2023 10:34	56504 ROCK_T2	0	1	1	0	0.2	0.2	-0.39	-0.28	0	0	0	0	0	0
12/29/2023 10:34	16402 MOPO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/29/2023 10:36	67503 WEWI_T2	0	2	2	0	0.1	0.1	-0.29	-0.34	0	0	0	0	0	0
12/29/2023 10:36	57401 SPAN_T1	2	2	0	0.15	0.35	0.2	-1.16	-1.16	1	1	0	600	600	0
12/29/2023 10:37	67605 WARW_T1	0	3	3	0	0.13	0.13	-0.93	-0.94	0	0	0	0	0	0
12/29/2023 10:37	57401 SPAN_T1	2	2	0	0.15	0.35	0.2	0	0	0	0	0	0	0	0
12/29/2023 10:37	16302 ALPA_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/29/2023 10:38	53903 HALI_T2	3	3	0	0.97	0.9	-0.07	-0.13	-0.13	0	0	0	0	0	0
12/29/2023 10:38	27502 WEIS_T2	0	0	0	0	0	0	-1.08	-1.02	0	0	0	0	0	0
12/29/2023 10:38	43001 ALWD_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/29/2023 10:38	16302 ALPA_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/29/2023 10:39	57401 SPAN_T1	2	2	0	0.15	0.35	0.2	0	0	0	0	0	0	0	0
12/29/2023 10:42	40101 HUNT_T2	7	10	3	0.39	0.58	0.19	-0.2	-0.21	0	0	0	0	0	0
12/29/2023 10:42	53903 HALI_T2	3	3	0	0.97	0.9	-0.07	-0.13	-0.13	0	0	0	0	0	0
12/29/2023 10:42	46801 HEPB_T2	2	2	0	0.25	0.3	0.05	0.6	0.6	0	0	0	0	0	0
12/29/2023 10:44	40101 HUNT_T2	7	10	3	0.39	0.58	0.19	-0.2	-0.21	0	0	0	0	0	0
12/29/2023 10:44	52004 LING_T2	2	3	1	0.2	0.43	0.23	0	0	0	0	0	0	0	0
12/29/2023 10:46	43402 BENT_T1	0	0	0	0	0	0	-1.4	-1.4	2	2	0	1500	1500	0
12/29/2023 10:46	16302 ALPA_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/29/2023 10:47	64902 MILL_T2	0	0	0	0	0	0	-0.78	-0.78	1	1	0	900	900	0
12/29/2023 10:47	13302 ORVI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/29/2023 10:48	40101 HUNT_T2	9	6	-3	0.6	0.45	-0.15	-0.2	-0.21	0	0	0	0	0	0
12/29/2023 10:48	27502 WEIS_T2	0	0	0	0	0	0	-0.54	-0.51	0	0	0	0	0	0
12/29/2023 10:48	67503 WEWI_T2	2	3	1	0.1	0.1	0	-0.34	-0.29	0	0	0	0	0	0
12/29/2023 10:50	58401 MORO_T1	0	2	2	0	0.15	0.15	0	0	0	0	0	0	0	0
12/29/2023 10:52	54202 PENN_T2	1	3	2	0.1	0.17	0.07	0.67	0.66	0	0	0	0	0	0
12/29/2023 10:53	67502 WEWI_T2	95	77	-18	0.22	0.23	0.01	0	0	0	0	0	0	0	0
12/29/2023 10:53	46001 BERW_T1	0	0	0	0	0	0	0.71	0.7	0	0	0	0	0	0
12/29/2023 10:54	61701 ELIZ_T1	1	2	1	5.4	3.35	-2.05	0	0	0	0	0	0	0	0
12/29/2023 10:56	29402 BELT_T1	1	1	0	6.8	7	0.2	0	0	0	0	0	0	0	0
12/29/2023 10:57	51102 CARL_T1	18	62	44	0.14	0.18	0.04	0	0	0	0	0	0	0	0
12/29/2023 10:57	61801 EELI_T2	0	0	0	0	0	0	-0.28	-0.29	0	0	0	0	0	0
12/29/2023 10:58	61701 ELIZ_T1	1	2	1	5.4	3.35	-2.05	0	0	0	0	0	0	0	0
12/29/2023 10:58	40101 HUNT_T2	9	6	-3	0.6	0.45	-0.15	-0.43	-0.58	0	0	0	0	0	0
12/29/2023 10:59	61701 ELIZ_T1	1	2	1	5.4	3.35	-2.05	0	0	0	0	0	0	0	0
12/29/2023 11:02	40101 HUNT_T2	6	4	-2	0.67	0	-0.67	-0.21	-0.29	0	0	0	0	0	0
12/29/2023 11:02	47403 PENS_T1	1	2	1	1.3	1.1	-0.2	0	0	0	0	0	0	0	0
12/29/2023 11:02	40601 PIGR_T1	65	10	-55	0.18	0.2	0.02	0	0	0	0	0	0	0	0
12/29/2023 11:02	52102 MEIS_T1	2	10	8	0.2	0.33	0.13	0	0	1	1	0	450	450	0
12/29/2023 11:03	52501 PROG_T1	1	0	-1	0.2	0	-0.2	0.35	0.26	1	1	0	300	300	0
12/29/2023 11:04	46903 MNTG_T2	0	3	3	0	0.17	0.17	-0.05	-0.13	1	1	0	600	600	0
12/29/2023 11:04	41901 REED_T1	10	11	1	0.81	0.95	0.14	0	0	0	0	0	0	0	0
12/29/2023 11:04	66703 STRA_T1	0	1	1	0	0.2	0.2	-0.02	-0.16	0	0	0	0	0	0
12/29/2023 11:04	57401 SPAN_T1	2	4	2	0.25	0.6	0.35	0	0	0	0	0	0	0	0
12/29/2023 11:05	47401 PENS_T1	0	2	2	0	0.65	0.65	0.64	0.63	0	0	0	0	0	0
12/29/2023 11:11	53903 HALI_T2	3	5	2	0.77	0.82	0.05	-0.13	-0.13	0	0	0	0	0	0
12/29/2023 11:11	60803 BUCK_T1	0	0	0	0	0	0	-0.85	-0.93	1	1	0	600	600	0
12/29/2023 11:11	46001 BERW_T1	0	0	0	0	0	0	0.7	0.69	0	0	0	0	0	0
12/29/2023 11:12	40101 HUNT_T2	6	4	-2	0.67	0	-0.67	-0.29	-0.26	0	0	0	0	0	0
12/29/2023 11:12	60803 BUCK_T1	0	0	0	0	0	0	-0.85	-0.93	1	1	0	600	600	0
12/29/2023 11:14	61703 ELIZ_T1	216	139	-77	0.31	0.25	-0.06	-2.09	-2.09	1	1	0	900	900	0
12/29/2023 11:15	57403 SPAN_T1	0	2	2	0	0.4	0.4	0.07	0.07	0	0	0	0	0	0
12/29/2023 11:15	16302 ALPA_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/29/2023 11:15	57401 SPAN_T1	3	4	1	0.37	0.6	0.23	-1.12	-1.11	1	1	0	600	600	0
12/29/2023 11:15	52002 LING_T2	1	1	0	0.5	0.7	0.2	0	0	0	0	0	0	0	0
12/29/2023 11:15	54505 ENOL_T2	1	1	0	1	1.1	0.1	0	0	0	0	0	0	0	0
12/29/2023 11:16	64203 KINZ_T1	0	0	0	0	0	0	0.8	0.93	1	1	0	600	600	0
12/29/2023 11:16	47402 PENS_T1	0	1	1	0	0.1	0.1	0	0	0	0	0	0	0	0
12/29/2023 11:16	41801 GOCI_T2	1	1	0	0.3	0.4	0.1	0	0	0	0	0	0	0	0
12/29/2023 11:17	13302 ORVI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/29/2023 11:17	58401 MORO_T1	2	2	0	0.15	0.1	-0.05	-0.99	-1	1	1	0	600	600	0
12/29/2023 11:17	42903 MIDD_T2	2	2	0	1.1	0.2	-0.9	-1.07	0.07	1	0	-1	1200	0	-1200
12/29/2023 11:18	52102 MEIS_T1	8	6	-2	0.28	0.53	0.25	0	0	1	1	0	450	450	0
12/29/2023 11:18	58401 MORO_T1	2	2	0	0.15	0.1	-0.05	-0.99	-1	1	1	0	600	600	0
12/29/2023 11:18	47403 PENS_T1	1	2	1	1.6	1.2	-0.4	0	0	0	0	0	0	0	0
12/29/2023 11:18	42801 SELI_T1	1	1	0	0	0	0	0	0	0	0	0	0	0	0
12/29/2023 11:18	61701 ELIZ_T1	2	2	0	3.35	3.65	0.3	0	0	0	0	0	0	0	0
12/29/2023 11:18	44601 SALE_T2	0	0	0	0	0	0	0.09	0	0	0	0	0	0	0
12/29/2023 11:19	47403 PENS_T1	1	2	1	1.6	1.2	-0.4	0	0	0	0	0	0	0	0
12/29/2023 11:19	58401 MORO_T1	2	2	0	0.15	0.1	-0.05	-0.99	-1	1	1	0	600	600	0
12/29/2023 11:20	56504 ROCK_T2	0	0	0	0	0	0	-0.41	-0.42	0	0	0	0	0	0
12/29/2023 11:20	42802 SELI_T1	0	0	0	0	0	0	-2.16	-2.17	1	1	0	900	900	0
12/29/2023 11:20	47401 PENS_T1	2	2	0	0.25	0.65	0.4	0.63	0.62	0	0	0	0	0	0
12/29/2023 11:20	54001 SDLE_T1	4	8	4	0.78	0.73	-0.05	0	0	0	0	0	0	0	0
12/29/2023 11:20	58401 MORO_T1	2	2	0	0.15	0.1	-0.05	-0.99	-1	1	1	0	600	600	0
12/29/2023 11:21	42802 SELI_T1	0	0	0	0	0	0	-6.49	-6.51	3	3	0	2700	2700	0
12/29/2023 11:21	58401 MORO_T1	2	2	0	0.15	0.1	-0.05	-0.99	-1	1	1	0	600	600	0
12/29/2023 11:21	67204 TEHI_T2	1	1	0	0.5	0.6	0.1	-0.1	-0.1	0	0	0	0	0	0
12/29/2023 11:22	67503 WEWI_T2	2	2	0	0.1	0.1	0	-0.26	-0.34	0	0	0	0	0	0
12/29/2023 11:22	57403 SPAN_T1	0	2	2	0	0.4	0.4	0	0	0	0	0	0	0	0
12/29/2023 11:23	54001 SDLE_T1	4	8	4	0.78	0.73	-0.05	0	0	0	0	0	0	0	0
12/29/2023 11:23	56501 ROCK_T2	3	5	2	0.13	0.2	0.07	0	0	0	0	0	0	0	0
12/29/2023 11:23	67204 TEHI_T2	1	1	0	0.5	0.6	0.1	-0.1	-0.1	0	0	0	0	0	0
12/29/2023 11:23	56802 BENV_T2	5	13	8	0.26	0.22	-0.04	-1.37	-1.37	0	0

Appendix C - Grid Benefits Achieved in Each Instance of Active Management

12/29/2023 11:38	64101 REFR_T1	0	1	1	0	0.2	0.2	-0.09	-0.09	0	0	0	0	0	0
12/29/2023 11:39	46001 BERW_T1	0	0	0	0	0	0	0.69	0.68	0	0	0	0	0	0
12/29/2023 11:42	40601 PIGR_T1	10	87	77	0.2	0.19	-0.01	0	0	0	0	0	0	0	0
12/29/2023 11:42	60201 ATGL_T2	0	1	-1	0	0.1	0.1	-0.02	0	1	1	0	300	300	0
12/29/2023 11:45	59002 MIFF_T1	6	0	-6	0.33	0	-0.33	0	0	0	0	0	0	0	0
12/29/2023 11:46	45702 LIND_T2	1	1	0	1.3	1.7	0.4	-0.51	-0.53	0	0	0	0	0	0
12/29/2023 11:46	46903 MNTG_T2	13	6	-7	0.17	0.32	0.15	-0.06	-0.12	1	1	0	600	600	0
12/29/2023 11:47	46901 MNTG_T2	0	0	0	0	0	0	0.97	0.86	0	0	0	0	0	0
12/29/2023 11:47	64301 LINC_T1	0	0	0	0	0	0	0.37	0.35	0	0	0	0	0	0
12/29/2023 11:47	64802 MONE_T2	14	20	6	0.26	0.28	0.02	0	0	0	0	0	0	0	0
12/29/2023 11:48	42903 MIDD_T2	0	2	2	0	0.45	0.45	0.04	0.14	0	0	0	0	0	0
12/29/2023 11:48	46903 MNTG_T2	13	6	-7	0.17	0.32	0.15	-0.06	-0.12	1	1	0	600	600	0
12/29/2023 11:48	65503 MOJO_T2	11	18	7	0.16	0.22	0.06	-1.37	-1.38	1	1	0	900	900	0
12/29/2023 11:49	44601 SALE_T2	0	0	0	0	0	0	0	0.01	0	0	0	0	0	0
12/29/2023 11:49	46903 MNTG_T2	13	6	-7	0.17	0.32	0.15	-0.11	-0.24	2	2	0	1200	1200	0
12/29/2023 11:49	14403 SSLA_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/29/2023 11:50	55105 WERT_T1	0	2	2	0	0.25	0.25	0	0	0	0	0	0	0	0
12/29/2023 11:50	64802 MONE_T2	14	20	6	0.26	0.28	0.02	0.06	0.04	0	0	0	0	0	0
12/29/2023 11:50	65503 MOJO_T2	11	18	7	0.16	0.22	0.06	-1.37	-1.38	1	1	0	900	900	0
12/29/2023 11:51	14403 SSLA_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/29/2023 11:51	67502 WEWI_T2	2	4	2	0.6	0.48	-0.12	-0.17	-0.34	0	0	0	0	0	0
12/29/2023 11:52	67505 WEWI_T1	2	2	0	0.25	0.3	0.05	0	0	0	0	0	0	0	0
12/29/2023 11:52	16101 BING_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/29/2023 11:52	59101 WALK_T2	2	2	0	0.4	0.5	0.1	1.56	1.33	0	0	0	0	0	0
12/29/2023 11:53	67502 WEWI_T2	2	4	2	0.6	0.48	-0.12	-0.09	-0.17	0	0	0	0	0	0
12/29/2023 11:53	67505 WEWI_T1	2	2	0	0.25	0.3	0.05	0	0	0	0	0	0	0	0
12/29/2023 11:53	49803 UNIV_T1	0	0	0	0	0	0	-1.09	-1.11	0	0	0	0	0	0
12/29/2023 11:54	46001 BERW_T1	0	0	0	0	0	0	0.68	0.67	0	0	0	0	0	0
12/29/2023 11:54	67503 WEWI_T2	0	0	0	0	0	0	-0.34	-0.34	0	0	0	0	0	0
12/29/2023 11:54	58001 WCAR_T1	4	4	0	0.95	0.73	-0.22	0	0	0	0	0	0	0	0
12/29/2023 11:54	59102 WALK_T2	4	4	0	0.33	0.43	0.1	0	0	0	0	0	0	0	0
12/29/2023 11:54	67503 WEWI_T2	0	0	0	0	0	0	-0.34	-0.34	0	0	0	0	0	0
12/29/2023 11:55	67503 WEWI_T2	0	0	0	0	0	0	-0.68	-0.68	0	0	0	0	0	0
12/29/2023 11:55	58001 WCAR_T1	4	4	0	0.95	0.73	-0.22	0	0	0	0	0	0	0	0
12/29/2023 11:55	16101 BING_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/29/2023 11:56	60201 ATGL_T2	1	0	-1	0.1	0	-0.1	0	-0.01	1	1	0	300	300	0
12/29/2023 11:58	40601 PIGR_T1	85	22	-63	0.19	0.17	-0.02	0	0	0	0	0	0	0	0
12/29/2023 11:58	40101 HUNT_T2	1	2	1	0.2	0.2	0	-0.59	-0.53	0	0	0	0	0	0
12/29/2023 12:00	50103 HARR_T3	2	2	0	0.65	0.7	0.05	0	0	0	0	0	0	0	0
12/29/2023 12:00	40101 HUNT_T2	2	0	-2	0.2	0	-0.2	-0.2	-0.18	0	0	0	0	0	0
12/29/2023 12:00	59301 MCAL_T1	36	6	-30	0.33	0.43	0.1	0	0	0	0	0	0	0	0
12/29/2023 12:01	51004 NHAR_T1	14	16	2	1.45	1.24	-0.21	-0.38	-0.38	0	0	0	0	0	0
12/29/2023 12:02	59301 MCAL_T1	36	6	-30	0.33	0.43	0.1	-1.61	-0.99	1	0	-1	600	0	-600
12/29/2023 12:02	40101 HUNT_T2	2	0	-2	0.2	0	-0.2	-0.4	-0.35	0	0	0	0	0	0
12/29/2023 12:04	64101 REFR_T1	1	1	0	0.1	0.8	0.7	-0.1	-0.09	0	0	0	0	0	0
12/29/2023 12:04	14403 SSLA_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/29/2023 12:04	59402 RFLD_T2	0	0	0	0	0	0	-0.8	-0.59	1	1	0	450	450	0
12/29/2023 12:05	64101 REFR_T1	1	1	0	0.1	0.8	0.7	-0.1	-0.09	0	0	0	0	0	0
12/29/2023 12:05	54204 PENN_T2	2	3	1	0.3	0.27	-0.03	0	0	0	0	0	0	0	0
12/29/2023 12:06	67002 STHI_T2	11	27	16	0.32	0.3	-0.02	1.15	1.16	0	0	0	0	0	0
12/29/2023 12:06	64101 REFR_T1	1	1	0	0.1	0.8	0.7	-0.19	-0.18	0	0	0	0	0	0
12/29/2023 12:06	54204 PENN_T2	2	3	1	0.3	0.27	-0.03	0	0	0	0	0	0	0	0
12/29/2023 12:06	55105 WERT_T1	2	2	0	0.25	0.35	0.1	0	0	0	0	0	0	0	0
12/29/2023 12:07	14403 SSLA_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/29/2023 12:07	67001 STHI_T2	6	52	46	0.3	0.13	-0.17	0	0	0	0	0	0	0	0
12/29/2023 12:07	64101 REFR_T1	1	1	0	0.1	0.8	0.7	-0.1	-0.09	0	0	0	0	0	0
12/29/2023 12:08	67001 STHI_T2	6	52	46	0.3	0.13	-0.17	0	0	0	0	0	0	0	0
12/29/2023 12:09	66901 SHIL_T2	11	41	30	0.2	0.16	-0.04	-1.7	-1.7	1	1	0	1200	1200	0
12/29/2023 12:09	67002 STHI_T2	11	27	16	0.32	0.3	-0.02	0.58	0.58	0	0	0	0	0	0
12/29/2023 12:11	58401 MORO_T1	1	2	1	0.1	0.15	0.05	-1.03	-1.04	1	1	0	600	600	0
12/29/2023 12:12	20603 GRWO_T2	0	7	7	0	0.19	0.19	-0.66	-0.66	1	1	0	900	900	0
12/29/2023 12:14	64202 KINZ_T1	2	3	1	0.15	0.73	0.58	0	0	0	0	0	0	0	0
12/29/2023 12:14	40602 PIGR_T1	1	0	-1	0.5	0	-0.5	-0.1	-0.1	0	0	0	0	0	0
12/29/2023 12:16	64204 KINZ_T1	2	3	1	0.65	0.57	-0.08	0	0	0	0	0	0	0	0
12/29/2023 12:24	67002 STHI_T2	10	28	18	0.26	0.29	0.03	0.58	0.59	0	0	0	0	0	0
12/29/2023 12:24	16101 BING_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/29/2023 12:25	16101 BING_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/29/2023 12:29	62605 ENGL_T1	0	1	1	0	0.1	0.1	0	0	0	0	0	0	0	0
12/29/2023 12:35	49803 UNIV_T1	0	0	0	0	0	0	-1.1	-1.12	0	0	0	0	0	0
12/29/2023 12:35	64802 MONE_T2	23	31	8	0.29	0.29	0	0	0	0	0	0	0	0	0
12/29/2023 12:37	52501 PROG_T1	1	1	0	0.2	0.2	0	0.29	0.31	1	1	0	300	300	0
12/29/2023 12:44	53902 HAU_T2	2	2	0	0.1	0.25	0.15	-0.9	-0.9	0	0	0	0	0	0
12/29/2023 12:44	40101 HUNT_T2	0	0	0	0	0	0	-0.52	-0.59	0	0	0	0	0	0
12/29/2023 12:45	63802 HEMP_T1	0	1	1	0	0.1	0.1	0	0	0	0	0	0	0	0
12/29/2023 12:45	50201 HARR_T3	1	1	0	1	1.1	0.1	-0.93	-0.93	1	1	0	1200	1200	0
12/29/2023 12:46	58401 MORO_T1	3	1	-2	0.17	0.1	-0.07	-1.04	-1.05	1	1	0	600	600	0
12/29/2023 12:46	40101 HUNT_T2	0	0	0	0	0	0	-0.52	-0.59	0	0	0	0	0	0
12/29/2023 12:47	59003 MIFF_T1	0	0	0	0	0	0	0.58	0.5	0	0	0	0	0	0
12/29/2023 12:47	58401 MORO_T1	3	1	-2	0.17	0.1	-0.07	-1.04	-1.05	1	1	0	600	600	0
12/29/2023 12:48	50501 MECH_T1	4	4	0	0.95	1	0.05	0	0	0	0	0	0	0	0
12/29/2023 12:48	40101 HUNT_T2	0	0	0	0	0	0	-0.26	-0.3	0	0	0	0	0	0
12/29/2023 12:51	58401 MORO_T1	3	1	-2	0.17	0.1	-0.07	-1.04	-1.05	1	1	0	600	600	0
12/29/2023 12:57	64101 REFR_T1	4	4	0	0.25	0.45	0.2	-0.1	-0.1	0	0	0	0	0	0
12/29/2023 13:00	59301 MCAL_T1	2	0	-2	0.1	0	-0.1	-0.99	-1	0	0	0	0	0	0
12/29/2023 13:03	63601 LETO_T1	3	2	-1	0.33	0.3	-0.03	0	0	0	0	0	0	0	0
12/29/2023 13:03	59302 MCAL_T1	1	1	0	0.2	0.2	0	-0.49	-0.49	1	1	0	600	600	0
12/29/2023 13:03	60501 NWAN_T2	6	4	-2	2.78	3.7	0.92	0	0	0	0	0	0	0	0
12/29/2023 13:03	44601 SALE_T2	0	1	1	0	0.1	0.1	0.03	0.04	0	0	0	0	0	0
12/29/2023 13:17	65503 MOJO_T2	0	0	0	0	0	0	-0.46	-0.44	0	0	0	0	0	0
12/29/2023 13:27	50103 HARR_T3	2	2	0	0.6	0.75	0.15	0	0	0	0	0	0	0	0
12/29/2023 13:28	40101 HUNT_T2	0	0	0	0	0	0	-0.23	-0.14	0	0	0	0	0	0
12/29/2023 13:32	58402 MORO_T1	0	0	0	0	0	0	-0.16	-0.15	2	2	0	1500	1500	0
12/29/2023 13:34	65005 NEFF_T2	1	1	0	0.4	0.6	0.2	0	0	0	0	0	0	0	0
12/29/2023 13:35	64101 REFR_T1	3	5	2	0.2	0.16	-0.04	-0.11	-0.11	0	0	0	0	0	0
12/29/2023 13:35	58402 MORO_T1	0	0	0	0	0	0	-0.16	-0.15	2	2	0	1500	1500	0
12/29/2023 13:36	59101 WALK_T2	1	1	0	0	0	0	1.58	1.36	0	0	0	0	0	0
12/29/2023 13:37	59101 WALK_T2	1	1	0	0	0	0	1.58	1.36	0	0	0	0	0	0
12/29/2023 13:38	60305 TWVA_T2	0	0	0	0	0	0	-1.72	-1.72	2	2	0	2400	2400	0
12/29/2023 13:39	59101 WALK_T2	1	1	0	0	0	0	1.36	1.35	0	0	0	0	0	0
12/29/2023 13:43	59101 WALK_T2	1	1	0	0	0	0	1.36	1.35	0	0	0	0	0	0
12/29/2023 13:44	65004 NEFF_T2	1	1	0	0.2	0.3	0.1	0	0	0	0	0	0	0	0
12/29/2023 13:49	54501 ENOL_T2	0	1	1	0	0.1	0.1	0	0	0	0	0	0	0	0
12/29/2023 13:53	16101 BING_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/29/2023 13:55	16101 BING_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/29/2023 14:03	50506 MECH_T1	0	0	0	0	0	0	-0.07	-0.07	0	0	0	0	0	0
12/29/2023 14:04	67603 WARW_T1	1	1	0	0.5	0.2	-0.3	0	0	0	0	0	0	0	0
12/29/2023 14:05	65004 NEFF_T2	1	1	0	0.2	0.2	0	0	0	0	0	0	0	0	0
12/29/2023 14:05	50502 MECH_T1	1	1	0	2.4	2.1	-0.3	0	0	0	0	0	0	0	0
12/29/2023 14:06	44601 SALE_T2	0	0	0	0	0	0	-0.02	0	0	0	0	0	0	0
12/29/2023 14:09	16101 BING_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/29/2023 14:09	60305 TWVA_T2	0	0	0	0	0	0	-1.73	-1.73	2	2	0	2400	2400	0
12/29/2023 14:10	20403 ASHF_T2	0	5	5	0	0.34	0.34	0.21	0.2	0	0	0	0	0	0
12/29/2023 14:10	20403 ASHF_T2	0	5	5	0	0.34	0.34	0.21	0.2	0	0	0	0	0	0
12/29/2023 14:10	60701 BREC_T1	0	0	0	0	0	0	-0.04	-0.18	1	1	0	600	600	0
12/29/2023 14:10	16101 BING_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/29/2023 14:12	60701 BREC_T1	0	0	0	0	0	0	-0.04	-0.18	1	1	0	600	600	0
12/29/2023 14:12	20403 ASHF_T2	0	5	5	0	0.34	0.34	0.11	0.1	0	0	0	0	0	0
12/29/2023 14:13	60701 BREC_T1	0	0	0	0	0	0	-0.04	-0.18	1	1	0	600	600	0
12/29/2023 14:13	60902 DONG_T2	1	1	0	0.2	0.1	-0.1	0.47	0.47	0	0	0	0	0	0
12/29/2023 14:14	64204 KINZ_T1	1	1	0	0.6	0.6	0	0	0	0	0	0	0	0	0
12/29/2023 14:14	46602 LACR_T1	5	23	18	0.16	0.33	0.17	-1.14	-1.17	0	0	0	0	0	0
12/29/2023 14:14	40101 HUNT_T2	0	0	0	0	0	0	-0.19	-0.22	0	0	0	0	0	0
12/29/2023 14:16	47401 PENS_T1	1	1	0	0.3	0.5	0.2	0.64	0.75	0	0	0	0	0	0
12/29/2023 14:16	64204 KINZ_T1	1	1	0	0.5	0.6	0.1	0	0	0	0	0	0	0	0
12/29/2023 14:16	59301 MCAL_T1	0	4	4	0	0.4	0.4	0	0	0	0	0	0	0	0
12/29/2023 14:16	40101 HUNT_T2	0	0	0	0	0	0	-0.19	-0.22	0	0	0	0	0	0
12/29/2023 14:17	58401 MORO_T1	0	0	0	0	0	0	-2.2	-2.22	2	2	0	1200	1200	0
12/29/2023 14:17	64902 MILL_T2	0	0	0	0	0	0	0.22	0.22	0	0	0	0	0	0
12/29/2023 14:19	47401 PENS_T1	1	1	0	0.3	0.5	0.2	0.64	0.75	0	0	0	0	0	0
12/29/2023 14:20	42201 SHEN_T2	0	0	0	0	0	0	-0.01	-0.01	1	1	0	600	600	0
12/29/2023 14:20	64101 REFR_T1	1	3	2	0.3	0.23	-0.07	-0.12	-0.13	0	0	0	0	0	0
12/29/2023 14:21	47401 PENS_T1	1	1	0	0.3	0.5	0.2	0.64	0.75	0	0	0	0	0	0
12/29/2023 14:21	58401 MORO_T1	0	0	0	0	0	0	-1.1	-1.11	1	1	0	600	600	0
12/29/2023 14:22	47403 PENS_T1	0	3	3	0	0.27	0.27	0	0	0	0	0	0	0	0
12/29/2023 14:22	57403 SPAN_T1	0	1	1	0	0.1	0.1	0	0	0	0	0	0	0	0
12/29/2023 14:22	67503 WEWI_T2	0	0	0	0	0	0	-0.33	-0.33	0	0	0	0	0	0
12/29/2023 14:23	60801 BUCK_T1	1	0	-1	0.2	0	-0.2	-0.17	-0.17	0	0	0	0	0	0
12/29/2023 14:23	57403 SPAN_T1	0	1	1	0	0.1	0.1	0.06	0.06	0	0	0	0	0	0
12/29/2023 14:23	57403 SPAN_T1	0	1	1	0	0.1	0.1	0.06	0.06	0	0	0	0	0	0
12/29/2023 14:23	64101 REFR_T1	1	3	2	0.3	0.23	-0.07	-0.12	-0.13	0	0	0	0	0	0
12/29/2023 14:24	45402 WBLO_T2	44	48	4	0.33	0.44	0.11	-0.75	-0.75	0	0	0	0	0	0
12/29/2023 14:24	66703 STRA_T1	5	7	2	0.34	0.41	0.07	-0.24	-0.25	0	0	0	0	0	0
12/29/2023 14:24	59101 WALK_T2	1	1	0	0	0	0	1.43	1.33	0	0	0	0	0	0
12/29/2023 14:24	14801 TREI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/29/2023 14:24	60305 TWVA_T2	0	0	0	0	0	0	-1.73	-1.73	2	2	0	2400	2400	0
12/29/2023 14:25	46001 BERW_T1	0	0	0	0	0	0	0.68	0.68	0	0	0	0	0	0
12/29/2023 14:25	57401 SPAN_T1	2	2	0	0.75	0.7	-0.05	-0.9	-0.89	1	1	0	600	600	0
12/29/2023 14:25	67501 WEWI_T1	5	3	-2	0.2	0.13	-0.07	-2.32	-2.26	2	2	0	1200	1200	0
12/29/2023 14:25	67502 WEWI_T2	5	7	2	0.46	0.37	-0.09	-0.48	-0.48	0	0	0	0	0	0
12/29/2023 14:25	60803 BUCK_T1	0	0	0	0	0	0	-0.98	-0.97	1	1	0	600	600	0
12/29/2023 14:26	61701 ELIZ_T1	1	1	0	6.1	6.2	0.1	0	0	0	0	0	0	0	0
12/29/2023 14:26	57403 SPAN_T1	0	1	1	0	0.1	0.1	0	0	0	0	0	0	0	0
12/29/2023 14:26	62604 ENGL_T1	0	0	0	0	0	0	-0.44	-0.45	1	1	0	600	600	0
12/29/2023 14:26	46001 BERW_T1	0	0	0	0	0	0	1.36	1.36	0	0	0	0	0	0
12/29/2023 14:27	64101 REFR_T1	1	3	2	0.3	0.23	-0.07	-0.13	-0.13	0	0	0	0	0	0
12/29/2023 14:28	61701 ELIZ_T1	1	1	0	6.1	6.2	0.1	0	0	0	0	0	0	0	0
12/29/2023 14:28	62604 ENGL_T1	0	0	0	0	0	0	-0.44	-0.45	1	1	0	600	600	0
12/29/2023 14:29	61703 ELIZ_T1	249	251	2	0.56	0.62	0.06	-2.09	-2.13	1	1	0	900	900	0
12/29/2023 14:29	45702 LIND_T2	1	1	0	1.2	1.9	0.7	-0.55	-0.55	0	0	0	0	0	0
12/29/2023 14:29	52002 LING_T2	1	1	0	1.1	1.2	0.1	0	0	0	0	0	0	0	0
12/29/2023 14:29	62604 ENGL_T1	0	0	0	0	0	0	-0.88	-0.89	2	2	0	1200	1200	0
12/29/2023 14:30	64301 LINC_T1	0	0	0	0	0	0	0.27	0.26	0	0	0	0	0	0
12/29/2023 14:30	62604 ENGL_T1	0	0	0	0	0	0	-0.44	-0.45	1	1	0	600	600	0
12/29/2023 14:30	40101 HUNT_T2	0	0	0	0	0	0	-0.44	-0.5	0	0	0	0	0	0
12/29/2023 14:31	64201 KINZ_T1	33	364	331	0.13	0.66	0.53	0	0	0	0	0	0	0	0
12/29/2023 14:31	46903 MNTG_T2	10	38	28	0.24	0.22	-0.02	-0.13	-0.12	1	1	0	600	600	0
12/29/2023 14:32	40101 HUNT_T2	0	0	0	0	0	0	-0.22	-0.25	0	0	0	0	0	0
12/29/2023 14:32	58401 MORO_T1	0	0	0	0	0	0	-1.11	-1.12	1	1	0	600	600	0
12/29/2023 14:32	47403 PENS_T1	3	2	-1	0.27	0.1	-0.17	0	0	0	0	0	0	0	0
12/29/2023 14:33	64101 REFR_T1	2	5	3	0.15	0.24	0.09	-0.13	-0.13	0	0	0	0	0	0
12/29/2023 14:34	51002 NHAR_T1	1	1	0	1.9	1.9	0	0	0	0	0	0	0	0	0
12/29/2023 14:34	47403 PENS_T1	3	2	-1	0.27	0.1	-0.17	0	0	0	0	0	0	0	0
12/29/2023 14:34	42201 SHEN_T2	0	0	0	0	0	0	-0.01	0	1	1	0	600	600	0
12/29/2023 14:35	47401 PENS_T1	1	1	0	0.3	0.5	0.2	1.5	1.31	0	0	0	0	0	0
12/29/2023 14:35	46903 MNTG_T2	10	38	28	0.24	0.22	-0.02	0	0	0	0	0	0	0	0
12/29/2023 14:36	56504 ROCK_T2	1	1	0	0.1	0.1	0	-0.45	-0.27	0	0	0	0	0	0
12/29/2023 14:36	57401 SPAN_T1	2	2	0	0.7	0.65	-0.05	-0.9	-0.89	1	1	0	600	600	0
12/29/2023 14:36	64101 REFR_T1	2	5	3	0.

Appendix C - Grid Benefits Achieved in Each Instance of Active Management

12/29/2023 14:48	28805 LAKE_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/29/2023 14:48	46302 ROHR_T1	4	4	0	0.45	0.65	0.2	-0.45	-0.45	0	0	0	0	0	0
12/29/2023 14:49	55002 NEWP_T1	8	6	-2	1.03	1.05	0.02	-0.2	-0.2	0	0	0	0	0	0
12/29/2023 14:50	59201 THOM_T1	10	7	-3	0.31	0.27	-0.04	0	0	0	0	0	0	0	0
12/29/2023 14:51	46302 ROHR_T1	4	4	0	0.45	0.65	0.2	-0.45	-0.45	0	0	0	0	0	0
12/29/2023 14:52	67503 WEWI_T2	0	0	0	0	0	0	-0.33	-0.33	0	0	0	0	0	0
12/29/2023 14:52	16101 BING_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/29/2023 14:53	59201 THOM_T1	10	7	-3	0.31	0.27	-0.04	0	0	0	0	0	0	0	0
12/29/2023 14:54	67502 WEWI_T2	2	4	2	0.7	0.4	-0.3	0	0	0	0	0	0	0	0
12/29/2023 14:54	56803 BENV_T1	2	2	0	0.55	0.35	-0.2	0	0	0	0	0	0	0	0
12/29/2023 14:55	56803 BENV_T1	2	2	0	0.55	0.35	-0.2	0	0	0	0	0	0	0	0
12/29/2023 14:55	45501 DERR_T2	0	0	0	0	0	0	0.04	0.03	2	2	0	1800	1800	0
12/29/2023 14:55	56802 BENV_T2	77	58	-19	0.2	0.18	-0.02	-2.8	-2.81	0	0	0	0	0	0
12/29/2023 14:55	59202 THOM_T1	169	100	-69	0.19	0.18	-0.01	0	0	0	0	0	0	0	0
12/29/2023 14:56	16101 BING_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/29/2023 14:57	56802 BENV_T2	77	58	-19	0.2	0.18	-0.02	-1.4	-1.41	0	0	0	0	0	0
12/29/2023 14:58	54502 ENOL_T2	1	2	1	0.8	0.4	-0.4	0	0	0	0	0	0	0	0
12/29/2023 14:58	45501 DERR_T2	0	0	0	0	0	0	0.04	0.03	2	2	0	1800	1800	0
12/29/2023 14:58	56802 BENV_T2	77	58	-19	0.2	0.18	-0.02	-2.8	-2.81	0	0	0	0	0	0
12/29/2023 14:59	54502 ENOL_T2	1	2	1	0.8	0.4	-0.4	0	0	0	0	0	0	0	0
12/29/2023 14:59	53901 HALI_T2	1	1	0	0.7	0.6	-0.1	0	0	0	0	0	0	0	0
12/29/2023 14:59	54501 ENOL_T2	0	0	0	0	0	0	0.13	0.13	0	0	0	0	0	0
12/29/2023 15:00	46903 MNTG_T2	38	54	16	0.22	0.22	0	-0.14	-0.12	1	1	0	600	600	0
12/29/2023 15:01	55002 NEWP_T1	6	6	0	1.03	0.87	-0.16	0	0	0	0	0	0	0	0
12/29/2023 15:02	64202 KINZ_T1	1	0	-1	0.1	0	-0.1	0	0	0	0	0	0	0	0
12/29/2023 15:02	40101 HUNT_T2	0	0	0	0	0	0	-0.57	-0.43	0	0	0	0	0	0
12/29/2023 15:03	60502 NMAN_T2	0	0	0	0	0	0	-0.57	-0.57	0	0	0	0	0	0
12/29/2023 15:03	59201 THOM_T1	7	7	0	0.27	0.3	0.03	0	0	0	0	0	0	0	0
12/29/2023 15:04	55002 NEWP_T1	6	6	0	1.03	0.87	-0.16	0	0	0	0	0	0	0	0
12/29/2023 15:04	60101 COCA_T1	0	0	0	0	0	0	0.26	0.29	0	0	0	0	0	0
12/29/2023 15:06	67603 WARW_T1	1	0	-1	0.2	0	-0.2	-0.04	-0.04	0	0	0	0	0	0
12/29/2023 15:10	67401 WAKE_T2	0	0	0	0	0	0	-1.18	-1.18	0	0	0	0	0	0
12/29/2023 15:10	67603 WARW_T1	1	0	-1	0.2	0	-0.2	-0.04	-0.05	0	0	0	0	0	0
12/29/2023 15:13	60803 BUCK_T1	0	0	0	0	0	0	-0.97	-0.97	1	1	0	600	600	0
12/29/2023 15:17	64301 LINC_T1	0	0	0	0	0	0	0.25	0.25	0	0	0	0	0	0
12/29/2023 15:18	59201 THOM_T1	6	5	-1	0.18	0.36	0.18	0	0	0	0	0	0	0	0
12/29/2023 15:19	46302 ROHR_T1	4	4	0	0.43	0.73	0.3	-0.45	-0.45	0	0	0	0	0	0
12/29/2023 15:22	46302 ROHR_T1	4	4	0	0.43	0.73	0.3	-0.45	-0.45	0	0	0	0	0	0
12/29/2023 15:24	60101 COCA_T1	0	0	0	0	0	0	0.28	0.24	0	0	0	0	0	0
12/29/2023 15:25	60101 COCA_T1	0	0	0	0	0	0	0.28	0.24	0	0	0	0	0	0
12/29/2023 15:33	56501 ROCK_T2	5	6	1	0.14	0.37	0.23	-1	-0.99	0	0	0	0	0	0
12/29/2023 15:33	47403 PENS_T1	1	4	3	0.1	0.13	0.03	0	0	0	0	0	0	0	0
12/29/2023 15:34	56501 ROCK_T2	5	6	1	0.14	0.37	0.23	-1	-0.99	0	0	0	0	0	0
12/29/2023 15:35	47401 PENS_T1	0	0	0	0	0	0	0.56	0.57	0	0	0	0	0	0
12/29/2023 15:35	65001 NEFF_T2	66	85	19	0.13	0.12	-0.01	-1.07	-1.21	1	1	0	1200	1200	0
12/29/2023 15:36	59101 WALK_T2	1	1	0	0	0	0	1.05	1.43	0	0	0	0	0	0
12/29/2023 15:36	56501 ROCK_T2	5	6	1	0.14	0.37	0.23	-1	-0.99	0	0	0	0	0	0
12/29/2023 15:38	56501 ROCK_T2	5	6	1	0.14	0.37	0.23	-1.99	-1.98	0	0	0	0	0	0
12/29/2023 15:43	60701 BREC_T1	0	0	0	0	0	0	0.02	0.03	0	0	0	0	0	0
12/29/2023 15:47	27101 GFLD_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/29/2023 15:49	46001 BERW_T1	0	0	0	0	0	0	0.68	0.68	0	0	0	0	0	0
12/29/2023 15:52	52503 PROG_T2	0	0	0	0	0	0	-0.73	-0.72	1	1	0	900	900	0
12/29/2023 15:52	67103 SPRI_T1	0	0	0	0	0	0	-0.06	-0.06	0	0	0	0	0	0
12/29/2023 15:54	40504 CRES_T1	0	0	0	0	0	0	-0.36	-0.38	0	0	0	0	0	0
12/29/2023 15:56	40502 CRES_T2	8	8	0	0.48	0.43	-0.05	5.42	5.46	0	0	0	0	0	0
12/29/2023 15:56	40504 CRES_T1	0	0	0	0	0	0	-0.36	-0.38	0	0	0	0	0	0
12/29/2023 15:58	40501 CRES_T2	9	8	-1	0.33	0.33	0	0	0	0	0	0	0	0	0
12/29/2023 16:00	40501 CRES_T2	8	7	-1	0.33	0.26	-0.07	0	0	0	0	0	0	0	0
12/29/2023 16:18	58401 MORO_T1	0	0	0	0	0	0	-1.08	-1.07	1	1	0	600	600	0
12/29/2023 16:19	14403 SSLA_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/29/2023 16:22	59101 WALK_T2	3	1	-2	0.15	0	-0.15	1.39	1.44	0	0	0	0	0	0
12/29/2023 16:22	14403 SSLA_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/29/2023 16:24	59101 WALK_T2	3	1	-2	0.15	0	-0.15	1.44	1.5	0	0	0	0	0	0
12/29/2023 16:30	40101 HUNT_T2	0	0	0	0	0	0	-0.54	-0.53	0	0	0	0	0	0
12/29/2023 16:50	67103 SPRI_T1	0	0	0	0	0	0	-0.08	-0.09	0	0	0	0	0	0
12/29/2023 17:27	52402 GRPA_T2	2	5	3	1.05	0.56	-0.49	0	0	0	0	0	0	0	0
12/29/2023 17:39	49803 UNIV_T1	0	0	0	0	0	0	-1.11	-1.11	0	0	0	0	0	0
12/29/2023 18:09	42701 AUGU_T1	0	1	1	0	0.2	0.2	0	0	1	1	0	600	600	0
12/29/2023 18:18	22102 EDEL_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/29/2023 18:18	27101 GFLD_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/29/2023 18:22	16402 MOPO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/29/2023 18:33	51002 NHAR_T1	1	1	0	1.8	1.9	0.1	0	0	0	0	0	0	0	0
12/29/2023 18:34	56802 BENV_T2	95	190	95	0.26	0.29	0.03	-1.39	-1.39	0	0	0	0	0	0
12/29/2023 18:37	52503 PROG_T2	0	0	0	0	0	0	-0.66	-0.65	1	1	0	900	900	0
12/29/2023 18:38	28805 LAKE_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/29/2023 18:40	66503 SMAN_T2	0	28	28	0	0.13	0.13	0	0	0	0	0	0	0	0
12/29/2023 18:40	52004 LING_T2	0	1	1	0	0	0	0.18	0.18	0	0	0	0	0	0
12/29/2023 18:41	13503 MCMI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/29/2023 18:43	16101 BING_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/29/2023 18:43	67503 WEWI_T2	0	0	0	0	0	0	-0.29	-0.26	0	0	0	0	0	0
12/29/2023 18:44	16302 ALPA_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/29/2023 18:44	29402 BELT_T1	1	1	0	6.8	6.8	0	0	0	0	0	0	0	0	0
12/29/2023 18:44	27502 WEIS_T2	0	0	0	0	0	0	-0.49	-0.51	0	0	0	0	0	0
12/29/2023 18:44	29402 BELT_T1	1	1	0	6.8	6.8	0	0	0	0	0	0	0	0	0
12/29/2023 18:45	64101 REFR_T1	0	0	0	0	0	0	-0.14	-0.14	0	0	0	0	0	0
12/29/2023 18:45	52503 PROG_T2	0	1	1	0	0	0	-0.65	-0.64	1	1	0	900	900	0
12/29/2023 18:46	64902 MILL_T2	0	0	0	0	0	0	-0.43	-0.44	0	0	0	0	0	0
12/29/2023 18:46	62604 ENGL_T1	0	0	0	1	0	0	-0.58	-0.49	1	1	0	600	600	0
12/29/2023 18:46	61703 ELIZ_T1	2	0	-2	0.1	0	-0.1	-2.19	-1.89	1	1	0	900	900	0
12/29/2023 18:46	12701 MACU_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/29/2023 18:47	60305 TWVA_T2	0	0	0	0	0	0	-1.78	-1.78	2	2	0	2400	2400	0
12/29/2023 18:47	67502 WEWI_T2	0	0	0	0	0	0	-0.44	-0.45	0	0	0	0	0	0
12/29/2023 18:47	64204 KINZ_T1	1	1	0	0.5	0.7	0.2	0	0	0	0	0	0	0	0
12/29/2023 18:47	52102 MEIS_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/29/2023 18:47	67204 TEHI_T2	0	1	1	0	0	0	-0.22	-0.22	0	0	0	0	0	0
12/29/2023 18:47	56802 BENV_T2	180	121	-59	0.3	0.27	-0.03	-1.39	-1.38	0	0	0	0	0	0
12/29/2023 18:47	13302 ORVI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/29/2023 18:48	64101 REFR_T1	0	0	0	0	0	0	-0.14	-0.14	0	0	0	0	0	0
12/29/2023 18:48	64204 KINZ_T1	1	1	0	0.5	0.7	0.2	0	0	0	0	0	0	0	0
12/29/2023 18:48	44901 SCOT_T2	0	0	0	0	0	0	-0.52	-0.53	0	0	0	0	0	0
12/29/2023 18:48	56802 BENV_T2	180	121	-59	0.3	0.27	-0.03	-1.39	-1.38	0	0	0	0	0	0
12/29/2023 18:48	20403 ASHF_T2	0	0	0	0	0	0	0.36	0.36	0	0	0	0	0	0
12/29/2023 18:49	67503 WEWI_T2	0	0	0	0	0	0	-0.29	-0.26	0	0	0	0	0	0
12/29/2023 18:49	47401 PENS_T1	0	0	0	0	0	0	1.4	1.36	0	0	0	0	0	0
12/29/2023 18:49	16101 BING_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/29/2023 18:49	64101 REFR_T1	0	0	0	0	0	0	-0.14	-0.14	0	0	0	0	0	0
12/29/2023 18:49	60101 COCA_T1	0	0	0	0	0	0	0.48	0.49	0	0	0	0	0	0
12/29/2023 18:49	57403 SPAN_T1	0	0	0	0	0	0	0.05	0.06	0	0	0	0	0	0
12/29/2023 18:49	44601 SALE_T2	0	1	1	0	0.1	0.1	-0.15	-0.15	0	0	0	0	0	0
12/29/2023 18:49	61701 ELIZ_T1	1	1	0	5.2	5.2	0	0	0	0	0	0	0	0	0
12/29/2023 18:49	66503 SMAN_T2	0	1	1	0	0.1	0.1	0	0	0	0	0	0	0	0
12/29/2023 18:49	60803 BUCK_T1	0	0	0	0	0	0	-0.87	-0.87	1	1	0	600	600	0
12/29/2023 18:49	46302 ROHR_T1	4	6	2	0.85	0.57	-0.28	-0.44	-0.44	0	0	0	0	0	0
12/29/2023 18:49	42903 MIDD_T2	2	2	0	0.8	1.2	0.4	-1.42	-1.47	1	1	0	1200	1200	0
12/29/2023 18:49	28805 LAKE_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/29/2023 18:50	67502 WEWI_T2	0	0	0	0	0	0	-0.44	-0.45	0	0	0	0	0	0
12/29/2023 18:50	44901 SCOT_T2	0	0	0	0	0	0	-0.52	-0.53	0	0	0	0	0	0
12/29/2023 18:50	60101 COCA_T1	0	0	0	0	0	0	0.24	0.24	0	0	0	0	0	0
12/29/2023 18:50	65001 NEFF_T2	3	37	34	0.1	0.12	0.02	-1.13	-1.26	1	1	0	1200	1200	0
12/29/2023 18:50	58001 WCAR_T1	4	4	0	0.28	0.38	0.1	0	0	0	0	0	0	0	0
12/29/2023 18:50	67602 WARW_T2	0	0	0	0	0	0	2.67	2.63	0	0	0	0	0	0
12/29/2023 18:50	64101 REFR_T1	0	0	0	0	0	0	-0.14	-0.14	0	0	0	0	0	0
12/29/2023 18:50	40501 CRES_T2	11	11	0	0.44	0.41	-0.03	0	0	0	0	0	0	0	0
12/29/2023 18:50	51107 CARL_T1	0	0	0	0	0	0	-0.56	-0.56	0	0	0	0	0	0
12/29/2023 18:50	67603 WARW_T1	0	0	0	0	0	0	-0.07	-0.07	0	0	0	0	0	0
12/29/2023 18:50	65503 MOJO_T2	4	13	9	0.1	0.21	0.11	-0.62	-0.62	0	0	0	0	0	0
12/29/2023 18:50	60701 BREC_T1	10	56	46	0.15	0.12	-0.03	-0.52	-0.52	1	1	0	600	600	0
12/29/2023 18:50	40504 CRES_T1	0	0	0	0	0	0	-0.45	-0.46	0	0	0	0	0	0
12/29/2023 18:51	42802 SELI_T1	0	0	0	0	0	0	-2.21	-2.21	1	1	0	900	900	0
12/29/2023 18:51	14403 SSLA_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/29/2023 18:51	67605 WARW_T1	0	0	0	0	0	0	-0.92	-0.92	0	0	0	0	0	0
12/29/2023 18:51	16302 ALPA_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/29/2023 18:51	12505 MITR_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/29/2023 18:51	62606 ENGL_T1	0	1	1	0	0	0	0	0	0	0	0	0	0	0
12/29/2023 18:51	64101 REFR_T1	0	0	0	0	0	0	-0.14	-0.14	0	0	0	0	0	0
12/29/2023 18:51	67502 WEWI_T2	0	0	0	0	0	0	-0.44	-0.45	0	0	0	0	0	0
12/29/2023 18:52	64204 KINZ_T1	1	1	0	0.5	0.7	0.2	0	0	0	0	0	0	0	0
12/29/2023 18:52	67605 WARW_T1	0	0	0	0	0	0	-0.92	-0.92	0	0	0	0	0	0
12/29/2023 18:52	64801 MONE_T2	0	0	0	0	0	0	0.27	0.27	0	0	0	0	0	0
12/29/2023 18:52	40502 CRES_T2	17	14	-3	0.41	0.42	0.01	0.14	0.15	0	0	0	0	0	0
12/29/2023 18:52	64301 LINC_T1	0	0	0	0	0	0	0.34	0.26	0	0	0	0	0	0
12/29/2023 18:52	61303 EARL_T1	0	0	0	0	0	0	0.37	0.35	0	0	0	0	0	0
12/29/2023 18:52	40101 HUNT_T2	4	0	-4	0.25	0	-0.25	-1.51	-1.3	0	0	0	0	0	0
12/29/2023 18:52	58402 MORO_T1	1	1	0	0.7	0	-0.7	-0.15	-0.16	2	2	0	1500	1500	0
12/29/2023 18:52	67103 SPRI_T1	0	0	0	0	0	0	-0.12	-0.11	0	0	0	0	0	0
12/29/2023 18:52	67603 WARW_T1	0	0	0	0	0	0	-0.07	-0.07	0	0	0	0	0	0
12/29/2023 18:52	41801 GOCI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/29/2023 18:52	54001 SDLE_T1	3	3	0	0.63	0.73	0.1	0	0	0	0	0	0	0	0
12/29/2023 18:52	56501 ROCK_T2	0	2	2	0	0	0	-0.94	-0.98	0	0	0	0	0	0
12/29/2023 18:52	60701 BREC_T1	10	56	46	0.15	0.12	-0.03	-0.52	-0.52	1	1	0	600	600	0
12/29/2023 18:53	60803 BUCK_T1	0	0	0	0	0	0	-0.87	-0.87	1	1	0	600	600	0
12/29/2023 18:53	56802 BENV_T2	180	121	-59	0.3	0.27	-0.03	-2.77	-2.76	0	0	0	0	0	0
12/29/2023 18:53	13302 ORVI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/29/2023 18:53	53903 HALI_T2	2	2	0	1.45	1.3	-0.15	-0.13	-0.13	0	0	0	0	0	0
12/29/2023 18:53	56501 ROCK_T2	0	2	2	0	0	0	0	0	0	0	0	0	0	0
12/29/2023 18:53	57401 SPAN_T1	0	0	0	0	0	0	-0.77	-0.84	1	1	0	600	600	0
12/29/2023 18:53	46003 BERW_T2	1	1	0	2.6	2.6	0	0	0	0	0	0	0	0	0
12/29/2023 18:53	45501 DERR_T2	0	0	0	0	0	0	0.27	0.22	2	2	0	1800	1800	0
12/29/2023 18:53	67605 WARW_T1	0	0	0	0	0	0	-0.92	-0.92	0	0	0	0	0	0
12/29/2023 18:53	64101 REFR_T1	0	0	0	0	0	0	-0.14	-0.14	0	0	0	0	0	0
12/29/2023 18:53	57303 MOAI_T2	1	1	0	7.8	7.9	0.1	0	0	0	0	0	0	0	0
12/29/2023 18:53	49803 UNIV_T1	0	0	0	0	0	0	-1.07	-1.02	0	0	0	0	0	0
12/29/2023 18:53	60201 ATGL_T2	0	0	0	0	0	0	0.08	0.16	1	1	0	300	300	0
12/29/2023 18:53	12701 MACU_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/29/2023 18:53	67501 WEWI_T1	0	0	0	0	0	0	-1.28	-1.28	1	1	0	600	600	0
12/29/2023 18:53	46903 MNTG_T2	3	4	1	0.1	0.1	0	-0.28	-0.28	1	1	0	600	600	0
12/29/2023 18:54	42201 SHEN_T2	0	0	0	0	0	0	-0.02	-0.02	1	1	0	600	600	0
12/29/2023 18:54	57303 MOAI_T2	1	1	0	7.8	7.9	0.1	0	0	0	0	0	0	0	0
12/29/2023 18:54	55002 NEWP_T1	6	6	0	0.72	0.83	0.11	-0.22	-0.22	0	0	0	0	0	0
12/29/2023 18:54	16302 ALPA_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/29/2023 18:54	59301 MCAL_T1	2	2	0	0.65	0.75	0.1	0	0	0	0	0	0	0	0
12/29/2023 18:54	59101 WALK_T2	1	1	0	0	0	0	1.05	0.99	1	1	0	450	450	0
12/29/2023 18:54	63804 HEMP_T1	1	1	0	5.7	5.7	0	0.78	0.77	0	0	0	0	0	0
12/29/2023 18:54	61303 EARL_T1	0	0	0	0	0	0	0.35	0.32	0	0	0	0	0	0
12/29/2023 18:54	56504 ROCK_T2	0	0	0	0	0	0	-0.25	-0.23	0	0	0	0	0	0
12/29/2023 18:54	47403 PENS_T1	1	1	0	2.6	2.7	0.1	0	0	0	0	0	0	0	0
12/29/2023 18:54	43201 MVIL_T2	0	0	0	0	0	0	-0.39	-0.39	0	0	0	0	0	0
12/29/2023 18:54	40602 PIGR_T1	5	0	-5	0.84	0	-0.84	0	0	0	0	0	0	0	0
12/29/2023 18:54	46903 MNTG_T2	3	4	1	0.1	0.1	0	-0.28	-0.28	1	1	0	600	600	0
12/29/2023 18:54	64204 KINZ_T1	1	1	0	0.5	0.7	0.2	0	0	0	0

12/29/2023 18:56	64101 REFR_T1	0	0	0	0	0	0	-0.14	-0.13	0	0	0	0	0	0
12/29/2023 18:57	54505 ENOL_T2	1	1	0	0.3	0.4	0.1	-1.27	-1.26	1	1	0	600	600	0
12/29/2023 18:57	52402 GRPA_T2	5	5	0	0.96	1.26	0.3	0	0	0	0	0	0	0	0
12/29/2023 18:57	43202 MVIL_T2	0	0	0	0	0	0	-1.25	-1.26	0	0	0	0	0	0
12/29/2023 18:57	63401 HONY_T1	0	0	0	0	0	0	0.45	0.45	0	0	0	0	0	0
12/29/2023 18:57	56802 BENV_T2	180	121	-59	0.3	0.27	-0.03	-1.38	-1.38	0	0	0	0	0	0
12/29/2023 18:57	60201 ATGL_T2	0	0	0	0	0	0	0.16	0.11	1	1	0	300	300	0
12/29/2023 18:57	60902 DONG_T2	0	0	0	0	0	0	0.44	0.44	0	0	0	0	0	0
12/29/2023 18:58	40501 CRES_T2	11	11	0	0.44	0.41	-0.03	0	0	0	0	0	0	0	0
12/29/2023 18:58	51107 CARL_T1	0	0	0	0	0	0	-0.56	-0.56	0	0	0	0	0	0
12/29/2023 18:58	47403 PENS_T1	1	1	0	2.6	2.7	0.1	0	0	0	0	0	0	0	0
12/29/2023 18:58	56501 ROCK_T2	0	2	2	0	0	0	-2.93	-2.9	0	0	0	0	0	0
12/29/2023 18:58	66901 SHIL_T2	0	0	0	0	0	0	-1.71	-1.73	1	1	0	1200	1200	0
12/29/2023 18:58	52101 MEIS_T1	1	1	0	0.6	0.7	0.1	0	0	0	0	0	0	0	0
12/29/2023 18:58	61303 EARL_T1	0	0	0	0	0	0	0.35	0.32	0	0	0	0	0	0
12/29/2023 18:58	64101 REFR_T1	0	0	0	0	0	0	-0.14	-0.13	0	0	0	0	0	0
12/29/2023 18:58	57401 SPAN_T1	0	0	0	0	0	0	-0.84	-0.84	1	1	0	600	600	0
12/29/2023 18:58	40504 CRES_T1	0	0	0	0	0	0	-0.46	-0.48	0	0	0	0	0	0
12/29/2023 18:58	42802 SELI_T1	0	0	0	0	0	0	-2.21	-2.16	1	1	0	900	900	0
12/29/2023 18:58	60801 BUCK_T1	0	0	0	0	0	0	-0.19	-0.19	0	0	0	0	0	0
12/29/2023 18:58	52403 GRPA_T2	1	3	2	0.1	0	-0.1	0	0	0	0	0	0	0	0
12/29/2023 18:58	56501 ROCK_T2	0	2	2	0	0	0	-2.93	-2.9	0	0	0	0	0	0
12/29/2023 18:58	46901 MNTG_T2	0	0	0	0	0	0	0.46	0.26	0	0	0	0	0	0
12/29/2023 18:58	13302 ORVI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/29/2023 18:58	43202 MVIL_T2	0	0	0	0	0	0	-0.63	-0.63	0	0	0	0	0	0
12/29/2023 18:58	52402 GRPA_T2	5	5	0	0.96	1.26	0.3	-0.95	-0.95	0	0	0	0	0	0
12/29/2023 18:58	60701 BREC_T1	10	56	46	0.15	0.12	-0.03	-0.52	-0.52	1	1	0	600	600	0
12/29/2023 18:58	67503 WEWI_T2	0	0	0	0	0	0	-0.26	-0.29	0	0	0	0	0	0
12/29/2023 18:58	41801 GOCI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/29/2023 18:58	45802 HEGI_T2	0	0	0	0	0	0	0.53	0.53	0	0	0	0	0	0
12/29/2023 18:58	67402 WAKE_T2	0	0	0	0	0	0	0.2	0.2	0	0	0	0	0	0
12/29/2023 18:59	52006 LING_T2	2	2	0	0.3	0.55	0.25	0	0	0	0	0	0	0	0
12/29/2023 18:59	46901 MNTG_T2	0	0	0	0	0	0	0.46	0.26	0	0	0	0	0	0
12/29/2023 18:59	46001 BERW_T1	0	0	0	0	0	0	0.71	0.7	0	0	0	0	0	0
12/29/2023 18:59	67503 WEWI_T2	0	0	0	0	0	0	-0.26	-0.29	0	0	0	0	0	0
12/29/2023 18:59	60101 COCA_T1	0	0	0	0	0	0	0.24	0.25	0	0	0	0	0	0
12/29/2023 18:59	46901 MNTG_T2	0	0	0	0	0	0	0.46	0.26	0	0	0	0	0	0
12/29/2023 18:59	42802 SELI_T1	0	0	0	0	0	0	-6.64	-6.49	3	3	0	2700	2700	0
12/29/2023 18:59	67503 WEWI_T2	0	0	0	0	0	0	-0.26	-0.29	0	0	0	0	0	0
12/29/2023 18:59	56802 BENV_T2	180	121	-59	0.3	0.27	-0.03	-1.38	-1.38	0	0	0	0	0	0
12/29/2023 18:59	14403 SSLA_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/29/2023 18:59	54204 PENN_T2	0	1	1	0	0.1	0.1	0	0	0	0	0	0	0	0
12/29/2023 18:59	43001 ALWD_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/29/2023 19:00	54505 ENOL_T2	1	1	0	0.4	0.4	0	-1.27	-1.26	1	1	0	600	600	0
12/29/2023 19:00	59101 WALK_T2	1	1	0	0	0	0	1.05	0.99	1	1	0	450	450	0
12/29/2023 19:00	50103 HARR_T3	2	2	0	0.75	0.5	-0.25	0	0	0	0	0	0	0	0
12/29/2023 19:00	52401 GRPA_T2	0	0	0	0	0	0	-0.64	-0.63	0	0	0	0	0	0
12/29/2023 19:00	57401 SPAN_T1	0	0	0	0	0	0	-0.84	-0.84	1	1	0	600	600	0
12/29/2023 19:00	59003 MIFF_T1	0	0	0	0	0	0	0.77	0.62	0	0	0	0	0	0
12/29/2023 19:00	58402 MORO_T1	1	0	-1	2.2	0	-2.2	-0.16	-0.23	2	2	0	1500	1500	0
12/29/2023 19:00	20401 ASHF_T2	0	1	1	0	0.1	0.1	0	0	0	0	0	0	0	0
12/29/2023 19:00	55001 NEWP_T1	0	0	0	0	0	0	-0.1	-0.1	0	0	0	0	0	0
12/29/2023 19:00	58001 WCAR_T1	1	1	0	0.8	0.8	0	0.51	0.51	0	0	0	0	0	0
12/29/2023 19:00	58401 MORO_T1	0	0	0	0	0	0	-1.95	-1.97	2	2	0	1200	1200	0
12/29/2023 19:00	40501 CRES_T2	11	11	0	0.41	0.4	-0.01	0	0	0	0	0	0	0	0
12/29/2023 19:00	55002 NEWP_T1	6	6	0	0.68	0.87	0.19	-0.22	-0.22	0	0	0	0	0	0
12/29/2023 19:00	47401 PENS_T1	0	0	0	0	0	0	0.68	0.66	0	0	0	0	0	0
12/29/2023 19:00	56802 BENV_T2	119	132	13	0.27	0.24	-0.03	-4.14	-4.13	0	0	0	0	0	0
12/29/2023 19:00	52102 MEIS_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/29/2023 19:00	13302 ORVI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/29/2023 19:00	67503 WEWI_T2	0	0	0	0	0	0	-0.26	-0.29	0	0	0	0	0	0
12/29/2023 19:00	41901 REED_T1	9	7	-2	0.33	0.41	0.08	0	0	0	0	0	0	0	0
12/29/2023 19:00	54001 SDLE_T1	2	3	1	0.75	0.77	0.02	0	0	0	0	0	0	0	0
12/29/2023 19:00	53601 DALM_T2	0	0	0	0	0	0	0.09	0.1	0	0	0	0	0	0
12/29/2023 19:00	61801 EEU_T2	0	0	0	0	0	0	-0.97	-0.98	1	1	0	600	600	0
12/29/2023 19:00	64201 KINZ_T1	270	346	76	0.33	0.67	0.34	0	0	0	0	0	0	0	0
12/29/2023 19:00	64802 MONE_T2	0	0	0	0	0	0	-0.04	-0.04	0	0	0	0	0	0
12/29/2023 19:00	46001 BERW_T1	0	0	0	0	0	0	0.71	0.7	0	0	0	0	0	0
12/29/2023 19:00	40103 HUNT_T2	0	0	0	0	0	0	-0.43	-0.52	0	0	0	0	0	0
12/29/2023 19:00	45802 HEGI_T2	0	0	0	0	0	0	0.53	0.53	0	0	0	0	0	0
12/29/2023 19:01	43402 BENT_T1	0	0	0	0	0	0	-0.88	-0.88	1	1	0	900	900	0
12/29/2023 19:01	56801 BENV_T1	21	23	2	0.92	1.02	0.1	-0.71	-0.7	1	1	0	600	600	0
12/29/2023 19:01	12701 MACU_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/29/2023 19:01	54502 ENOL_T2	0	0	0	0	0	0	-1.94	-1.95	1	1	0	600	600	0
12/29/2023 19:01	52402 GRPA_T2	5	5	0	1.1	1.38	0.28	0	0	0	0	0	0	0	0
12/29/2023 19:01	54204 PENN_T2	0	2	2	0	0.1	0.1	0	0	0	0	0	0	0	0
12/29/2023 19:01	67401 WAKE_T2	0	0	0	0	0	0	-1.16	-1.16	0	0	0	0	0	0
12/29/2023 19:01	56501 ROCK_T2	0	2	2	0	0.2	0.2	-0.98	-0.97	0	0	0	0	0	0
12/29/2023 19:01	56802 BENV_T2	119	132	13	0.27	0.24	-0.03	-1.38	-1.38	0	0	0	0	0	0
12/29/2023 19:01	64801 MONE_T2	0	0	0	0	0	0	0.27	0.27	0	0	0	0	0	0
12/29/2023 19:01	59101 WALK_T2	1	1	0	0	0	0	1.05	0.99	1	1	0	450	450	0
12/29/2023 19:02	67502 WEWI_T2	0	0	0	0	0	0	-0.45	-0.45	0	0	0	0	0	0
12/29/2023 19:02	40502 CRES_T2	13	15	2	0.41	0.47	0.06	0.08	0.08	0	0	0	0	0	0
12/29/2023 19:02	42201 SHEN_T2	0	0	0	0	0	0	-0.03	-0.03	2	2	0	1200	1200	0
12/29/2023 19:02	46903 MNTG_T2	3	2	-1	0.1	0.1	0	-0.55	-0.56	2	2	0	1200	1200	0
12/29/2023 19:02	54505 ENOL_T2	1	1	0	0.4	0.4	0	0	0	0	0	0	0	0	0
12/29/2023 19:02	45501 DERR_T2	0	0	0	0	0	0	0.27	0.22	2	2	0	1800	1800	0
12/29/2023 19:02	45702 LIND_T2	1	1	0	1	1.1	0.1	-0.52	-0.51	0	0	0	0	0	0
12/29/2023 19:02	56501 ROCK_T2	0	2	2	0	0.2	0.2	-0.98	-0.97	0	0	0	0	0	0
12/29/2023 19:02	47401 PENS_T1	0	0	0	0	0	0	0.68	0.66	0	0	0	0	0	0
12/29/2023 19:02	42701 AUGU_T1	2	0	-2	0.2	0	-0.2	0	0	1	1	0	600	600	0
12/29/2023 19:02	46602 LACR_T1	1	2	1	0.2	0.15	-0.05	-1.1	-1.1	0	0	0	0	0	0
12/29/2023 19:02	52403 GRPA_T2	1	2	1	0.5	0	-0.5	0	0	0	0	0	0	0	0
12/29/2023 19:02	40902 JESH_T1	0	0	0	0	0	0	-0.77	-0.77	0	0	0	0	0	0
12/29/2023 19:03	55001 NEWP_T1	0	0	0	0	0	0	-0.1	-0.1	0	0	0	0	0	0
12/29/2023 19:03	55002 NEWP_T1	6	6	0	0.68	0.87	0.19	-0.22	-0.22	0	0	0	0	0	0
12/29/2023 19:03	42801 SELI_T1	2	2	0	9	0	-9	0	0	0	0	0	0	0	0
12/29/2023 19:03	57401 SPAN_T1	0	0	0	0	0	0	-0.84	-0.84	1	1	0	600	600	0
12/29/2023 19:03	57401 SPAN_T1	0	0	0	0	0	0	-0.84	-0.84	1	1	0	600	600	0
12/29/2023 19:03	56802 BENV_T2	119	132	13	0.27	0.24	-0.03	-5.52	-5.5	0	0	0	0	0	0
12/29/2023 19:03	52101 MEIS_T1	1	1	0	0.7	0.6	-0.1	0	0	0	0	0	0	0	0
12/29/2023 19:03	67501 WEWI_T1	0	0	0	0	0	0	-1.28	-1.28	1	1	0	600	600	0
12/29/2023 19:03	59101 WALK_T2	1	1	0	0	0	0	1.05	0.99	1	1	0	450	450	0
12/29/2023 19:04	40101 HUNT_T2	0	0	0	0	0	0	-0.87	-1.04	0	0	0	0	0	0
12/29/2023 19:04	58402 MORO_T1	1	0	-1	2.2	0	-2.2	0	0	0	0	0	0	0	0
12/29/2023 19:04	41801 GOCI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/29/2023 19:04	41901 REED_T1	9	7	-2	0.33	0.41	0.08	0	0	0	0	0	0	0	0
12/29/2023 19:04	40602 PIGR_T1	0	0	0	0	0	0	0.01	0	0	0	0	0	0	0
12/29/2023 19:04	53903 HAU_T2	2	2	0	1.3	1.25	-0.05	-0.13	-0.13	0	0	0	0	0	0
12/29/2023 19:04	56501 ROCK_T2	0	2	2	0	0.2	0.2	0	0	0	0	0	0	0	0
12/29/2023 19:04	46001 BERW_T1	0	0	0	0	0	0	0.71	0.7	0	0	0	0	0	0
12/29/2023 19:05	52101 MEIS_T1	1	1	0	0.7	0.6	-0.1	0	0	0	0	0	0	0	0
12/29/2023 19:05	55105 WERT_T1	0	0	0	0	0	0	-0.6	-0.59	1	1	0	900	900	0
12/29/2023 19:05	42802 SELI_T1	0	0	0	0	0	0	-4.42	-4.33	2	2	0	1800	1800	0
12/29/2023 19:05	46801 HEPB_T2	1	2	1	0.1	0.2	0.1	0.59	0.59	0	0	0	0	0	0
12/29/2023 19:05	46302 ROHR_T1	6	6	0	0.77	0.88	0.11	-0.44	-0.44	0	0	0	0	0	0
12/29/2023 19:05	56802 BENV_T2	119	132	13	0.27	0.24	-0.03	-1.38	-1.38	0	0	0	0	0	0
12/29/2023 19:05	45402 WBLO_T2	31	41	10	0.22	0.23	0.01	-0.75	-0.75	0	0	0	0	0	0
12/29/2023 19:06	52403 GRPA_T2	1	2	1	0.5	0	-0.5	0.12	0.11	0	0	0	0	0	0
12/29/2023 19:06	41901 REED_T1	9	7	-2	0.33	0.41	0.08	0	0	0	0	0	0	0	0
12/29/2023 19:06	54001 SDLE_T1	2	3	1	0.75	0.77	0.02	0	0	0	0	0	0	0	0
12/29/2023 19:06	12701 MACU_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/29/2023 19:06	40502 CRES_T2	13	15	2	0.41	0.47	0.06	0.08	0.08	0	0	0	0	0	0
12/29/2023 19:07	49803 UNIV_T1	0	0	0	0	0	0	-1.07	-1.02	0	0	0	0	0	0
12/29/2023 19:07	52101 MEIS_T1	1	1	0	0.7	0.6	-0.1	0	0	0	0	0	0	0	0
12/29/2023 19:07	56802 BENV_T2	119	132	13	0.27	0.24	-0.03	-1.38	-1.38	0	0	0	0	0	0
12/29/2023 19:07	53902 HAU_T2	0	0	0	0	0	0	-0.86	-0.86	0	0	0	0	0	0
12/29/2023 19:07	66703 STRA_T1	0	0	0	0	0	0	-0.22	-0.25	0	0	0	0	0	0
12/29/2023 19:08	52101 MEIS_T1	1	1	0	0.7	0.6	-0.1	0	0	0	0	0	0	0	0
12/29/2023 19:08	59101 WALK_T2	1	1	0	0	0	0	1.05	0.99	1	1	0	450	450	0
12/29/2023 19:08	40101 HUNT_T2	0	0	0	0	0	0	-0.52	-0.52	0	0	0	0	0	0
12/29/2023 19:11	67103 SPRI_T1	0	0	0	0	0	0	-0.11	-0.11	0	0	0	0	0	0
12/29/2023 19:31	59201 THOM_T1	17	18	1	0.43	0.54	0.11	0	0	0	0	0	0	0	0
12/29/2023 19:40	65001 NEFF_T2	98	125	27	0.14	0.15	0.01	-1.38	-1.41	1	1	0	1200	1200	0
12/29/2023 19:53	62607 ENGL_T1	0	0	0	0	0	0	-1.08	-1.08	1	1	0	300	300	0
12/29/2023 20:33	57401 SPAN_T1	0	0	0	0	0	0	-0.85	-0.85	1	1	0	600	600	0
12/29/2023 21:40	67605 WARW_T1	7	20	13	0.2	0.22	0.02	-0.97	-0.98	0	0	0	0	0	0
12/29/2023 21:46	50106 HARR_T3	1	1	0	0	0	0	0	0	0	0	0	0	0	0
12/29/2023 22:35	65001 NEFF_T2	0	1	1	0	0.1	0.1	-0.16	-1.47	0	1	1	0	1200	1200
12/30/2023 1:02	65001 NEFF_T2	168	231	63	0.16	0.3	0.14	-1.5	-1.51	1	1	0	1200	1200	0
12/30/2023 1:28	65001 NEFF_T2	205	232	27	0.19	0.31	0.12	-1.51	-1.51	1	1	0	1200	1200	0
12/30/2023 2:09	43402 BENT_T1	0	1	1	0	0	0	-0.95	-0.95	1	1	0	900	900	0
12/30/2023 4:32	16402 MOPO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/30/2023 4:58	67502 WEWI_T2	0	0	0	0	0	0	-1.47	-1.48	1	1	0	900	900	0
12/30/2023 5:50	59202 THOM_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/30/2023 6:52	59202 THOM_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/30/2023 8:01	59201 THOM_T1	1	0	-1	0.1	0	-0.1	0	0	0	0	0	0	0	0
12/30/2023 8:01	52102 MEIS_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/30/2023 8:08	43402 BENT_T1	0	0	0	0	0	0	-1.58	-1.58	2	2	0	1500	1500	0
12/30/2023 8:10	40501 CRES_T2	0	1	1	0	0.1	0.1	0	0	0	0	0	0	0	0
12/30/2023 8:11	43402 BENT_T1	0	0	0	0	0	0	-1.58	-1.58	2	2	0	1500	1500	0
12/30/2023 8:15	13503 MCMI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/30/2023 8:18	13503 MCMI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/30/2023 8:20	49803 UNIV_T1	0	0	0	0	0	0	-1.09	-1.06	0	0	0	0	0	0
12/30/2023 8:23	67103 SPRI_T1	0	0	0	0	0	0	-0.23	-0.22	0	0	0	0	0	0
12/30/2023 8:24	67103 SPRI_T1	0	0	0	0	0	0	-0.22	-0.22	0	0	0	0	0	0
12/30/2023 8:30	40101 HUNT_T2	0	1	1	0	0	0	-0.55	-0.53	0	0	0	0	0	0
12/30/2023 8:32	40101 HUNT_T2	0	1	1	0	0	0	-0.55	-0.53	0	0	0	0	0	0
12/30/2023 8:38	40501 CRES_T2	1	0	-1	0.1	0	-0.1	0	0	0	0	0	0	0	0
12/30/2023 8:44	53601 DALM_T2	0	0	0	0	0	0	0.1	0.1	0	0	0	0	0	0
12/30/2023 8:46	40101 HUNT_T2	0	1	1	0	0	0	-0.53	-0.51	0	0	0	0	0	0
12/30/2023 8:53	45501 DERR_T2	0	0	0	0	0	0	-0.92	-0.92	2	2	0	1800	1800	0
12/30/2023 8:56	45501 DERR_T2	0	0	0	0	0	0	-0.92	-0.92	2	2	0	1800	1800	0
12/30/2023 8:57	61305 GREE_T1	0	0	0	0	0	0	-1.51	-1.49	0	0	0	0	0	0
12/30/2023 9:00	67402 WAKE_T2	0	0	0	0	0	0	-0.4	-0.4	1	1	0	600	600	0
12/30/2023 9:00	59102 WALK_T2	0	0	0	0	0	0	-0.44	-0.44	1	1	0	600	600	0
12/30/2023 9:00	40502 CRES_T2	7	13	6	0.17	0.19	0.02	-0.81	-0.81	0	0	0	0	0	0
12/30/2023 9:00	50103 HARR_T3	2	2	0	0.55	0.3	-0.25	0	0	0	0	0	0	0	0
12/30/2023 9:00	53903 HAU_T2	2	2	0	0.3	0.15	-0.15	-0.21	-0.23	0	0	0	0	0	0
12/30/2023 9:00	41901 REED_T1	1	8	7	0.1	0.43	0.33	0	0	0	0	0	0	0	0
12/30/2023 9:00	43304 WATS_T2	0	12	12	0	0.3	0.3	-0.78	-0.78	0	0	0	0	0	0
12/30/2023 9:00	57403 SPAN_T1	0	0	0	0	0	0	0.11	0.11	0	0	0	0	0	0
12/30/2023 9:00	43402 BENT_T1	0	0	0	0	0	0	-1.58	-1.58	2	2	0	1500	1500	0
12/30/2023 9:00	67503 WEWI_T2	0	0	0	0	0	0	-0.2	-0.19	0	0	0	0	0	0
12/30/2023 9:00	23401 HONE_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/30/2023 9:00	59202 THOM_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/30/2023 9:00	43001 ALWD_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/30/2023 9:00	67103 SPRI_T1	0	0	0	0	0	0	-0.21	-0.21	0	0	0	0	0	0
12/30/2023 9:01	63305 GREE_T1	0	0	0	0	0	0	-1.51	-1.49	0	0	0	0	0	0
12/30/2023 9:06	46003 BERW_T2	1	1

12/30/2023 9:51	66504 SMAN_T2	0	0	0	0	0	0	-3.47	-3.58	2	0	-2	2400	0	-2400
12/30/2023 9:52	64101 REFR_T1	0	0	0	0	0	0	-0.23	-0.22	0	0	0	0	0	0
12/30/2023 9:52	29402 BELT_T1	1	1	0	6.3	6.4	0.1	0	0	0	0	0	0	0	0
12/30/2023 9:53	67402 WAKE_T2	0	0	0	0	0	0	-0.4	-0.4	1	1	0	600	600	0
12/30/2023 9:53	64101 REFR_T1	0	0	0	0	0	0	-0.12	-0.11	0	0	0	0	0	0
12/30/2023 9:54	40502 CRES_T2	15	9	-6	0.23	0.18	-0.05	-0.82	-0.82	0	0	0	0	0	0
12/30/2023 9:56	40501 CRES_T2	1	2	1	0.1	0.1	0	0	0	0	0	0	0	0	0
12/30/2023 9:57	11104 EGYP_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/30/2023 9:57	52403 GRPA_T2	5	12	7	0.62	0.5	-0.12	0	0	0	0	0	0	0	0
12/30/2023 9:59	11104 EGYP_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/30/2023 9:59	52402 GRPA_T2	1	2	1	1.6	2.4	0.8	-0.91	-1.03	0	0	0	0	0	0
12/30/2023 9:59	63404 HONY_T1	2	2	0	6.6	6.75	0.15	0	0	0	0	0	0	0	0
12/30/2023 10:00	43201 MVIL_T2	0	0	0	0	0	0	-1.27	-1.27	0	0	0	0	0	0
12/30/2023 10:01	13503 MCMI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/30/2023 10:02	52102 MEIS_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/30/2023 10:03	54001 SDLE_T1	4	3	-1	0.53	0.43	-0.1	0	0	1	1	0	600	600	0
12/30/2023 10:04	54001 SDLE_T1	4	3	-1	0.53	0.43	-0.1	0	0	1	1	0	600	600	0
12/30/2023 10:05	58402 MORO_T1	0	0	0	0	0	0	-0.45	-0.45	2	2	0	1500	1500	0
12/30/2023 10:05	54001 SDLE_T1	4	3	-1	0.53	0.43	-0.1	0	0	1	1	0	600	600	0
12/30/2023 10:05	60501 NMAN_T2	3	3	0	3.67	3.63	-0.04	0	0	0	0	0	0	0	0
12/30/2023 10:06	65901 SAKR_T2	1	1	0	7.9	8.4	0.5	-1.21	-1.17	1	1	0	900	900	0
12/30/2023 10:06	57401 SPAN_T1	0	0	0	0	0	0	-1.05	-1.05	1	1	0	600	600	0
12/30/2023 10:06	56501 ROCK_T2	1	2	1	4.1	0.4	-3.7	-1.44	-1.44	0	0	0	0	0	0
12/30/2023 10:06	59101 WALK_T2	1	1	0	0	0	0	0.77	1.13	1	1	0	450	450	0
12/30/2023 10:07	54001 SDLE_T1	4	3	-1	0.53	0.43	-0.1	0	0	1	1	0	600	600	0
12/30/2023 10:08	59101 WALK_T2	1	1	0	0	0	0	1.55	2.26	2	2	0	900	900	0
12/30/2023 10:08	57401 SPAN_T1	0	0	0	0	0	0	-1.05	-1.05	1	1	0	600	600	0
12/30/2023 10:09	57401 SPAN_T1	0	0	0	0	0	0	-3.16	-3.26	3	3	0	1800	1800	0
12/30/2023 10:13	53901 HALI_T2	0	0	0	0	0	0	-0.88	-0.89	0	0	0	0	0	0
12/30/2023 10:13	64204 KINZ_T1	1	1	0	1	0.7	-0.3	0	0	0	0	0	0	0	0
12/30/2023 10:14	53901 HALI_T2	0	0	0	0	0	0	-0.44	-0.44	0	0	0	0	0	0
12/30/2023 10:16	53901 HALI_T2	0	0	0	0	0	0	-1.32	-1.33	0	0	0	0	0	0
12/30/2023 10:17	64204 KINZ_T1	1	1	0	0.7	1.3	0.6	0	0	0	0	0	0	0	0
12/30/2023 10:17	55002 NEWP_T1	0	2	2	0	0.2	0.2	-0.22	-0.22	0	0	0	0	0	0
12/30/2023 10:18	56501 ROCK_T2	1	2	1	4.1	0.2	-3.9	-1.44	-1.45	0	0	0	0	0	0
12/30/2023 10:18	65001 NEFF_T2	0	0	0	0	0	0	-1.28	-1.26	1	1	0	1200	1200	0
12/30/2023 10:19	55002 NEWP_T1	0	2	2	0	0.2	0.2	-0.44	-0.44	0	0	0	0	0	0
12/30/2023 10:19	56501 ROCK_T2	1	2	1	4.1	0.2	-3.9	-1.44	-1.45	0	0	0	0	0	0
12/30/2023 10:20	65902 SAKR_T2	0	0	0	0	0	0	-0.6	-0.6	1	1	0	300	300	0
12/30/2023 10:20	56501 ROCK_T2	1	2	1	4.1	0.2	-3.9	-1.44	-1.45	0	0	0	0	0	0
12/30/2023 10:21	57401 SPAN_T1	0	0	0	0	0	0	-2.1	-2.17	2	2	0	1200	1200	0
12/30/2023 10:21	59101 WALK_T2	1	1	0	0	0	0	1.13	0.77	1	1	0	450	450	0
12/30/2023 10:21	55002 NEWP_T1	0	2	2	0	0.2	0.2	-0.44	-0.44	0	0	0	0	0	0
12/30/2023 10:23	56801 BENV_T1	2	3	1	0.7	0.5	-0.2	-0.66	-0.66	1	1	0	600	600	0
12/30/2023 10:24	56802 BENV_T2	0	0	0	0	0	0	-1.3	-1.29	0	0	0	0	0	0
12/30/2023 10:25	56802 BENV_T2	0	0	0	0	0	0	-1.3	-1.29	0	0	0	0	0	0
12/30/2023 10:26	56801 BENV_T1	2	3	1	0.7	0.5	-0.2	-0.66	-0.66	1	1	0	600	600	0
12/30/2023 10:27	56802 BENV_T2	0	0	0	0	0	0	-2.6	-2.59	0	0	0	0	0	0
12/30/2023 10:27	56801 BENV_T1	2	3	1	0.7	0.5	-0.2	-0.66	-0.66	1	1	0	600	600	0
12/30/2023 10:28	46801 HEPB_T2	0	0	0	0	0	0	0.6	0.6	0	0	0	0	0	0
12/30/2023 10:31	56802 BENV_T2	0	0	0	0	0	0	-1.3	-1.29	0	0	0	0	0	0
12/30/2023 10:33	64204 KINZ_T1	1	1	0	0.6	1.3	0.7	0	0	0	0	0	0	0	0
12/30/2023 10:33	46903 MNTG_T2	0	0	0	0	0	0	0.75	0.58	0	0	0	0	0	0
12/30/2023 10:34	64101 REFR_T1	0	0	0	0	0	0	-0.1	-0.1	0	0	0	0	0	0
12/30/2023 10:35	44201 POIN_T1	0	0	0	0	0	0	-1.99	-2.01	1	1	0	900	900	0
12/30/2023 10:35	16402 MOPO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/30/2023 10:36	44201 POIN_T1	0	0	0	0	0	0	-1.99	-2.01	1	1	0	900	900	0
12/30/2023 10:38	56802 BENV_T2	0	0	0	0	0	0	-1.3	-1.29	0	0	0	0	0	0
12/30/2023 10:40	56802 BENV_T2	0	0	0	0	0	0	-1.29	-1.29	0	0	0	0	0	0
12/30/2023 10:41	56802 BENV_T2	0	0	0	0	0	0	-1.29	-1.29	0	0	0	0	0	0
12/30/2023 10:43	27101 GFLD_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/30/2023 10:44	46801 HEPB_T2	0	0	0	0	0	0	0.6	0.6	0	0	0	0	0	0
12/30/2023 10:45	42902 MIDD_T2	0	0	0	0	0	0	-1.25	-1.25	0	1	1	0	600	600
12/30/2023 10:48	64101 REFR_T1	0	0	0	0	0	0	-0.1	-0.09	0	0	0	0	0	0
12/30/2023 10:51	42701 AUGU_T1	1	0	-1	0.2	0	-0.2	0	0	1	1	0	600	600	0
12/30/2023 10:52	64101 REFR_T1	0	0	0	0	0	0	-0.2	-0.19	0	0	0	0	0	0
12/30/2023 10:52	42701 AUGU_T1	1	0	-1	0.2	0	-0.2	0	0	1	1	0	600	600	0
12/30/2023 10:52	66703 STRA_T1	0	0	0	0	0	0	-0.12	-0.11	0	0	0	0	0	0
12/30/2023 10:53	64101 REFR_T1	0	0	0	0	0	0	-0.1	-0.09	0	0	0	0	0	0
12/30/2023 10:54	64101 REFR_T1	0	0	0	0	0	0	-0.09	-0.09	0	0	0	0	0	0
12/30/2023 10:54	66505 SMAN_T2	0	0	0	0	0	0	-0.31	-0.11	2	2	0	1100	1100	0
12/30/2023 10:54	60201 ATGL_T2	0	0	0	0	0	0.15	0.28	0	0	0	0	0	0	0
12/30/2023 10:55	42701 AUGU_T1	1	0	-1	0.2	0	-0.2	0	0	1	1	0	600	600	0
12/30/2023 10:55	51107 CARL_T1	0	0	0	0	0	0	-0.54	-0.55	0	0	0	0	0	0
12/30/2023 10:56	29402 BELT_T1	1	2	1	6.2	6.2	0	0	0	0	0	0	0	0	0
12/30/2023 10:57	51107 CARL_T1	0	0	0	0	0	0	-0.54	-0.55	0	0	0	0	0	0
12/30/2023 10:57	64101 REFR_T1	0	0	0	0	0	0	-0.09	-0.09	0	0	0	0	0	0
12/30/2023 10:58	52402 GRPA_T2	1	2	1	2.9	1.35	-1.55	0	0	0	0	0	0	0	0
12/30/2023 10:58	40101 HUNT_T2	19	27	8	0.44	0.4	-0.04	-1.34	-1.43	0	0	0	0	0	0
12/30/2023 10:58	67503 WEWI_T2	0	0	0	0	0	0	-0.29	-0.22	0	0	0	0	0	0
12/30/2023 10:59	64204 KINZ_T1	1	1	0	1.3	1.1	-0.2	0	0	0	0	0	0	0	0
12/30/2023 11:00	45702 LIND_T2	0	0	0	0	0	0	-0.47	-0.48	0	0	0	0	0	0
12/30/2023 11:01	52403 GRPA_T2	27	7	-20	0.59	0.6	0.01	0.09	0.14	0	0	0	0	0	0
12/30/2023 11:02	52402 GRPA_T2	2	5	3	1.35	1.75	0.4	0	0	0	0	0	0	0	0
12/30/2023 11:02	40902 JESH_T1	0	0	0	0	0	0	-0.93	-0.94	0	0	0	0	0	0
12/30/2023 11:02	40101 HUNT_T2	26	19	-7	0.57	0.66	0.09	-1.34	-1.43	0	0	0	0	0	0
12/30/2023 11:08	14403 SSLA_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/30/2023 11:11	60803 BUCK_T1	0	0	0	0	0	0	-1.46	-1.47	1	1	0	600	600	0
12/30/2023 11:13	60803 BUCK_T1	0	0	0	0	0	0	-1.46	-1.47	1	1	0	600	600	0
12/30/2023 11:15	27101 GFLD_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/30/2023 11:15	11804 FRAN_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/30/2023 11:16	45702 LIND_T2	0	0	0	0	0	0	-0.48	-0.48	0	0	0	0	0	0
12/30/2023 11:16	46801 HEPB_T2	0	0	0	0	0	0	0.6	0.6	0	0	0	0	0	0
12/30/2023 11:17	46903 MNTG_T2	0	0	0	0	0	0	0.65	0.51	0	0	0	0	0	0
12/30/2023 11:18	40602 PIGR_T1	1	1	0	0.2	0	-0.2	-0.63	-0.64	1	1	0	600	600	0
12/30/2023 11:18	46903 MNTG_T2	0	0	0	0	0	0	-0.22	-0.23	1	1	0	600	600	0
12/30/2023 11:22	40602 PIGR_T1	1	1	0	0.2	0	-0.2	-0.63	-0.64	1	1	0	600	600	0
12/30/2023 11:24	41601 CLEV_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/30/2023 11:24	60201 ATGL_T2	0	0	0	0	0	0	0.27	0.26	0	0	0	0	0	0
12/30/2023 11:24	27502 WEIS_T2	0	0	0	0	0	0	-0.47	-0.43	0	0	0	0	0	0
12/30/2023 11:26	27502 WEIS_T2	0	0	0	0	0	0	-0.47	-0.43	0	0	0	0	0	0
12/30/2023 11:27	61701 ELIZ_T1	2	1	-1	2.65	5.1	2.45	0	0	0	0	0	0	0	0
12/30/2023 11:27	56803 BENV_T1	1	1	0	0.4	0	-0.4	0	0	0	0	0	0	0	0
12/30/2023 11:28	41601 CLEV_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/30/2023 11:28	41601 CLEV_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/30/2023 11:28	61703 ELIZ_T1	0	6	6	0	0.1	0.1	-2.65	-2.66	2	2	0	2100	2100	0
12/30/2023 11:28	44901 SCOT_T2	0	0	0	0	0	0	-1.12	-1.1	0	0	0	0	0	0
12/30/2023 11:29	61703 ELIZ_T1	0	6	6	0	0.1	0.1	-5.3	-5.32	4	4	0	4200	4200	0
12/30/2023 11:30	27502 WEIS_T2	0	0	0	0	0	0	-0.47	-0.43	0	0	0	0	0	0
12/30/2023 11:30	59302 MCAL_T1	0	1	1	0	0.5	0.5	-0.43	-0.43	1	1	0	600	600	0
12/30/2023 11:32	65001 NEFF_T2	0	0	0	0	0	0	-1.27	-1.31	1	1	0	1200	1200	0
12/30/2023 11:32	42903 MIDD_T2	0	2	2	0	0.1	0.1	0	0	0	0	0	0	0	0
12/30/2023 11:33	64101 REFR_T1	0	0	0	0	0	0	-0.09	-0.08	0	0	0	0	0	0
12/30/2023 11:34	64101 REFR_T1	0	0	0	0	0	0	-0.09	-0.08	0	0	0	0	0	0
12/30/2023 11:36	57401 SPAN_T1	0	0	0	0	0	0	-1.07	-1.08	1	1	0	600	600	0
12/30/2023 11:37	64101 REFR_T1	0	0	0	0	0	0	-0.17	-0.16	0	0	0	0	0	0
12/30/2023 11:37	57401 SPAN_T1	0	0	0	0	0	0	-1.07	-1.08	1	1	0	600	600	0
12/30/2023 11:38	64101 REFR_T1	0	0	0	0	0	0	-0.09	-0.08	0	0	0	0	0	0
12/30/2023 11:38	57401 SPAN_T1	0	0	0	0	0	0	-4.27	-4.32	4	4	0	2400	2400	0
12/30/2023 11:40	64101 REFR_T1	0	0	0	0	0	0	-0.08	-0.08	0	0	0	0	0	0
12/30/2023 11:40	57401 SPAN_T1	0	0	0	0	0	0	-1.08	-1.09	1	1	0	600	600	0
12/30/2023 11:42	45702 LIND_T2	0	0	0	0	0	0	-0.48	-0.48	0	0	0	0	0	0
12/30/2023 11:42	51107 CARL_T1	0	0	0	0	0	0	-0.58	-0.6	0	0	0	0	0	0
12/30/2023 11:45	57304 MOAL_T2	1	0	-1	1	0	-1	-0.25	-0.26	0	0	0	0	0	0
12/30/2023 11:49	57303 MOAL_T2	1	1	0	7.5	7.7	0.2	0	0	0	0	0	0	0	0
12/30/2023 11:49	46903 MNTG_T2	0	2	2	0	0.1	0.1	-0.27	-0.27	1	1	0	600	600	0
12/30/2023 11:50	59101 WALK_T2	1	1	0	0	0	0	0.46	0.82	0	0	0	0	0	0
12/30/2023 11:50	64101 REFR_T1	0	0	0	0	0	0	-0.24	-0.23	0	0	0	0	0	0
12/30/2023 11:53	64101 REFR_T1	0	0	0	0	0	0	-0.16	-0.15	0	0	0	0	0	0
12/30/2023 11:53	59101 WALK_T2	1	1	0	0	0	0	0.46	0.82	0	0	0	0	0	0
12/30/2023 11:53	56801 BENV_T1	9	7	-2	0.54	0.43	-0.11	-0.67	-0.68	1	1	0	600	600	0
12/30/2023 11:54	59101 WALK_T2	1	1	0	0	0	0	0.82	0.93	0	0	0	0	0	0
12/30/2023 11:54	56802 BENV_T2	0	0	0	0	0	0	-1.31	-1.32	0	0	0	0	0	0
12/30/2023 11:55	56802 BENV_T2	0	0	0	0	0	0	-1.31	-1.32	0	0	0	0	0	0
12/30/2023 11:55	56801 BENV_T1	9	7	-2	0.54	0.43	-0.11	-0.68	-0.68	1	1	0	600	600	0
12/30/2023 11:56	59101 WALK_T2	1	1	0	0	0	0	0.82	0.93	0	0	0	0	0	0
12/30/2023 11:56	56801 BENV_T1	9	7	-2	0.54	0.43	-0.11	-0.68	-0.68	1	1	0	600	600	0
12/30/2023 11:56	43001 ALWD_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/30/2023 11:57	56801 BENV_T1	9	7	-2	0.54	0.43	-0.11	-3.38	-3.4	5	5	0	3000	3000	0
12/30/2023 11:57	47001 HUGH_T2	0	0	0	0	0	0	-0.67	-0.7	0	0	0	0	0	0
12/30/2023 11:57	56802 BENV_T2	0	0	0	0	0	0	-2.61	-2.63	0	0	0	0	0	0
12/30/2023 11:58	56801 BENV_T1	9	7	-2	0.54	0.43	-0.11	-0.68	-0.68	1	1	0	600	600	0
12/30/2023 12:00	47001 HUGH_T2	0	0	0	0	0	0	-0.67	-0.7	0	0	0	0	0	0
12/30/2023 12:04	57401 SPAN_T1	0	0	0	0	0	0	-2.19	-2.21	2	2	0	1200	1200	0
12/30/2023 12:04	42902 MIDD_T2	0	0	0	0	0	0	-1.22	-1.22	0	1	1	0	600	600
12/30/2023 12:05	57401 SPAN_T1	0	0	0	0	0	0	-1.09	-1.11	1	1	0	600	600	0
12/30/2023 12:06	40603 PIGR_T1	0	1	1	0	0	0	0	0	0	0	0	0	0	0
12/30/2023 12:07	57401 SPAN_T1	0	0	0	0	0	0	-1.09	-1.11	1	1	0	600	600	0
12/30/2023 12:09	57401 SPAN_T1	0	0	0	0	0	0	-2.21	-2.24	2	2	0	1200	1200	0
12/30/2023 12:15	46903 MNTG_T2	2	8	6	0.1	0.14	0.04	-0.26	-0.26	1	1	0	600	600	0
12/30/2023 12:15	46901 MNTG_T2	0	0	0	0	0	0	0.51	0.23	0	0	0	0	0	0
12/30/2023 12:18	46903 MNTG_T2	2	8	6	0.1	0.14	0.04	0	0	0	0	0	0	0	0
12/30/2023 12:19	46903 MNTG_T2	2	8	6	0.1	0.14	0.04	-0.26	-0.26	1	1	0	600	600	0
12/30/2023 12:25	61703 ELIZ_T1	1	59	58	0.1	0.18	0.08	-5.35	-4.99	4	4	0	4200	4200	0
12/30/2023 12:26	61701 ELIZ_T1	1	1	0	4.9	5.3	0.4	0	0	0	0	0	0	0	0
12/30/2023 12:50	67204 TEHI_T2	0	0	0	0	0	0	-0.16	0.17	0	0	0	0	0	0
12/30/2023 12:50	59101 WALK_T2	1	2	1	0	0	0	1.03	1.53	0	0	0	0	0	0
12/30/2023 12:51	59101 WALK_T2	1	2	1	0	0	0	1.03	1.53	0	0	0	0	0	0
12/30/2023 12:52	67204 TEHI_T2	0	0	0	0	0	0	-0.16	0.17	0	0	0	0	0	0
12/30/2023 12:52	56802 BENV_T2	0	1	1	0	0	0	-1.33	-1.34	0	0	0	0	0	0
12/30/2023 12:53	56802 BENV_T2	0	1	1	0	0	0	-1.33	-1.34	0	0	0	0	0	0
12/30/2023 12:53	67201 TEHI_T1	0	0	0	0	0	0	0.07	0.22	0	0	0	0	0	0
12/30/2023 12:53	56803 BENV_T1	0	1	1	0	0	0	0	0	0	0	0	0	0	0
12/30/2023 12:53	59101 WALK_T2	1	2	1	0	0	0	1.03	1.53	0	0	0	0	0	0
12/30/2023 12:54	56801 BENV_T1	14	17	3	0.54	0.85	0.31	-0.69	-0.69	1	1	0	600	600	0
12/30/2023 12:55	56801 BENV_T1	14	17	3	0.54	0.85	0.31	-3.44	-3.45	5	5	0	3000	3000	0
12/30/2023 12:56	56803 BENV_T1	0	1	1	0	0	0	0	0	0	0	0	0	0	0
12/30/2023 12:57	56802 BENV_T2	0	1	1	0	0	0	-1.34	-1.34	0	0	0	0	0	0
12/30/2023 13:03	64101 REFR_T1	0	0	0	0	0	0	-0.06	-0.05	0	0	0	0	0	0
12/30/2023 13:03	63203 MGTN_T1	0	0	0	0	0	0	-0.21	-0.2	1	1	0	600	600	0
12/30/2023 13:04	48302 ORWI_T2	3	3	0	0.8	1	0.2	-0.51	-0.51	0	0	0	0	0	0
12/30/2023 13:05	64101 REFR_T1	0	0	0	0	0	0	-0.06	-0.05	0	0	0	0	0	0
12/30/2023 13:06	64101 REFR_T1	0	0	0	0	0	0	-0.06	-0.05	0	0	0	0	0	0
12/30/2023 13:08	64101 REFR_T1	0	0	0	0	0	0	-0.06	-0.05	0	0	0	0	0	0
12/30/2023 13:08	65001 NEFF_T2	0	0	0	0	0	0	-1.29	-1.28	1	1	0	1200	1200	0
12/30/2023 13:29	59301 MCAL_T1	2	2	0	0.4	0.7	0.3	-1.91	-1.73	1	1	0	600	600	0
12/30/2023 13:30	59302 MCAL_T1	1	1	0	0.4	0.5	0.1	-0.45	-0.45	1	1	0	600	600	0
12/30/2023 13:49	52402 GRPA_T2	4	3	-1	0.98	1.17	0.19	0	0	0	0	0	0	0	0
12/30/2023 13:53	59101 WALK_T2	1	1	0	0	0	0	1.23	1.24	0	0	0	0	0	0
12/30/2023 13:54

Appendix C - Grid Benefits Achieved in Each Instance of Active Management

12/30/2023 14:37	64101 REFR_T1	0	0	0	0	0	0	-0.05	-0.05	0	0	0	0	0	0
12/30/2023 14:37	57401 SPAN_T1	0	0	0	0	0	0	-0.9	-0.9	1	1	0	600	600	0
12/30/2023 14:38	56801 BENV_T1	20	13	-7	0.66	0.56	-0.1	-0.71	-0.71	1	1	0	600	600	0
12/30/2023 14:38	13503 MCMI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/30/2023 14:39	13501 MCMI_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/30/2023 14:39	56803 BENV_T1	0	1	1	0	1.5	1.5	0	0	0	0	0	0	0	0
12/30/2023 14:40	56803 BENV_T1	0	1	1	0	1.5	1.5	0	0	0	0	0	0	0	0
12/30/2023 14:40	67605 WARW_T1	0	0	0	0	0	0	-1.07	-1.07	0	0	0	0	0	0
12/30/2023 14:40	13503 MCMI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/30/2023 14:41	56803 BENV_T1	0	1	1	0	1.5	1.5	0	0	0	0	0	0	0	0
12/30/2023 14:46	45702 LIND_T2	0	0	0	0	0	0	-0.5	-0.5	0	0	0	0	0	0
12/30/2023 14:47	52402 GRPA_T2	3	4	1	0.97	1.13	0.16	0	0	0	0	0	0	0	0
12/30/2023 14:47	52402 GRPA_T2	3	4	1	0.97	1.13	0.16	0	0	0	0	0	0	0	0
12/30/2023 14:48	59301 MCAL_T1	2	2	0	0.5	0.65	0.15	-1.77	-1.78	1	1	0	600	600	0
12/30/2023 14:49	43201 MVIL_T2	0	0	0	0	0	0	-1.26	-1.26	0	0	0	0	0	0
12/30/2023 14:52	29402 BELT_T1	1	1	0	6.6	6.6	0	0	0	0	0	0	0	0	0
12/30/2023 14:52	44201 POIN_T1	0	0	0	0	0	0	-2.07	-2.11	1	1	0	900	900	0
12/30/2023 14:53	56802 BENV_T2	0	0	0	0	0	0	-1.35	-1.35	0	0	0	0	0	0
12/30/2023 14:54	45501 DERR_T2	0	2	2	0	0	0	-0.97	-0.96	2	2	0	1800	1800	0
12/30/2023 14:54	40502 CRES_T2	12	6	-6	0.24	0.1	-0.14	-0.2	-0.2	0	0	0	0	0	0
12/30/2023 14:54	40505 CRES_T1	0	0	0	0	0	0	0.35	0.35	0	0	0	0	0	0
12/30/2023 14:55	45501 DERR_T2	0	2	2	0	0	0	-0.97	-0.96	2	2	0	1800	1800	0
12/30/2023 14:55	60101 COCA_T1	0	0	0	0	0	0	0.6	0.56	0	0	0	0	0	0
12/30/2023 14:56	45501 DERR_T2	0	2	2	0	0	0	-0.97	-0.96	2	2	0	1800	1800	0
12/30/2023 14:56	29401 BELT_T1	0	0	0	0	0	0	0	0	1	1	0	900	900	0
12/30/2023 14:56	40505 CRES_T1	0	0	0	0	0	0	0.71	0.69	0	0	0	0	0	0
12/30/2023 14:56	40502 CRES_T2	12	6	-6	0.24	0.1	-0.14	-1.2	-1.17	0	0	0	0	0	0
12/30/2023 14:57	61801 EELI_T2	0	0	0	0	0	0	-1.87	-1.87	2	2	0	1200	1200	0
12/30/2023 14:57	51604 DUKE_T2	0	0	0	0	0	0	-1.62	-1.62	1	1	0	900	900	0
12/30/2023 14:57	45501 DERR_T2	0	2	2	0	0	0	-1.94	-1.92	4	4	0	3600	3600	0
12/30/2023 14:58	40101 HUNT_T2	1	9	8	1.1	0.7	-0.4	-0.46	-0.47	0	0	0	0	0	0
12/30/2023 14:58	40505 CRES_T1	0	0	0	0	0	0	0.35	0.35	0	0	0	0	0	0
12/30/2023 14:58	60101 COCA_T1	0	0	0	0	0	0	0.3	0.28	0	0	0	0	0	0
12/30/2023 14:58	40502 CRES_T2	12	6	-6	0.24	0.1	-0.14	-1	-0.98	0	0	0	0	0	0
12/30/2023 14:58	45501 DERR_T2	0	2	2	0	0	0	-0.97	-0.96	2	2	0	1800	1800	0
12/30/2023 14:59	40701 FFLD_T1	33	32	-1	0.49	0.54	0.05	0	0	0	0	0	0	0	0
12/30/2023 14:59	45501 DERR_T2	0	2	2	0	0	0	-0.97	-0.96	2	2	0	1800	1800	0
12/30/2023 15:00	51604 DUKE_T2	0	0	0	0	0	0	-1.62	-1.62	1	1	0	900	900	0
12/30/2023 15:00	40502 CRES_T2	2	14	12	0.1	0.23	0.13	-1.2	-1.17	0	0	0	0	0	0
12/30/2023 15:00	43202 MVIL_T2	0	0	0	0	0	0	-0.69	-0.69	0	0	0	0	0	0
12/30/2023 15:02	52006 LING_T2	3	3	0	0.47	0.6	0.13	0	0	0	0	0	0	0	0
12/30/2023 15:02	40505 CRES_T1	0	0	0	0	0	0	0.35	0.35	0	0	0	0	0	0
12/30/2023 15:03	52101 MEIS_T1	1	1	0	1.4	1.3	-0.1	0	0	0	0	0	0	0	0
12/30/2023 15:06	66505 SMAN_T2	3	1	-2	0.4	0.3	-0.1	-0.46	-0.33	2	2	0	1100	1100	0
12/30/2023 15:07	66505 SMAN_T2	3	1	-2	0.4	0.3	-0.1	-0.46	-0.33	2	2	0	1100	1100	0
12/30/2023 15:08	43202 MVIL_T2	0	0	0	0	0	0	-0.69	-0.69	0	0	0	0	0	0
12/30/2023 15:09	59101 WALK_T2	1	1	0	0	0	0	1.49	1.02	0	0	0	0	0	0
12/30/2023 15:21	15604 NSTR_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/30/2023 15:23	45402 WBLO_T2	1	0	-1	0.5	0	-0.5	-0.67	-0.67	0	0	0	0	0	0
12/30/2023 15:24	14403 SSLA_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/30/2023 15:24	40505 CRES_T1	0	0	0	0	0	0	1.02	0.99	0	0	0	0	0	0
12/30/2023 15:25	14403 SSLA_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/30/2023 15:26	40505 CRES_T1	0	0	0	0	0	0	0.34	0.33	0	0	0	0	0	0
12/30/2023 15:28	40505 CRES_T1	0	0	0	0	0	0	0.68	0.66	0	0	0	0	0	0
12/30/2023 15:31	63601 LETO_T1	0	0	0	0	0	0	0.83	0.65	1	1	0	900	900	0
12/30/2023 15:32	47401 PENS_T1	0	0	0	0	0	0	1.2	1.21	0	0	0	0	0	0
12/30/2023 15:32	40101 HUNT_T2	1	2	1	0.7	0.1	-0.6	-0.47	-0.47	0	0	0	0	0	0
12/30/2023 15:35	47401 PENS_T1	0	0	0	0	0	0	0.6	0.6	0	0	0	0	0	0
12/30/2023 15:48	15604 NSTR_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/30/2023 15:51	15604 NSTR_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/30/2023 15:54	27502 WEIS_T2	0	0	0	0	0	0	-0.52	-0.52	0	0	0	0	0	0
12/30/2023 15:54	59202 THOM_T1	2	0	-2	0.1	0	-0.1	0	0	0	0	0	0	0	0
12/30/2023 15:58	27502 WEIS_T2	0	0	0	0	0	0	-0.52	-0.52	0	0	0	0	0	0
12/30/2023 16:01	60101 COCA_T1	0	0	0	0	0	0	0.28	0.28	0	0	0	0	0	0
12/30/2023 16:10	40502 CRES_T2	1	10	9	0.1	0.2	0.1	-0.71	-0.7	0	0	0	0	0	0
12/30/2023 16:12	40502 CRES_T2	1	10	9	0.1	0.2	0.1	-1.07	-1.04	0	0	0	0	0	0
12/30/2023 16:14	40502 CRES_T2	1	10	9	0.1	0.2	0.1	-0.71	-0.7	0	0	0	0	0	0
12/30/2023 16:25	46001 BERW_T1	0	0	0	0	0	0	1.29	1.28	0	0	0	0	0	0
12/30/2023 16:37	67605 WARW_T1	0	0	0	0	0	0	-1.07	-1.06	0	0	0	0	0	0
12/30/2023 18:18	40101 HUNT_T2	19	31	12	0.54	0.33	-0.21	-0.37	-0.39	0	0	0	0	0	0
12/30/2023 18:25	64204 KINZ_T1	1	1	0	0.4	0.9	0.5	0	0	0	0	0	0	0	0
12/30/2023 18:34	29402 BELT_T1	1	2	1	6.1	6.2	0.1	0	0	0	0	0	0	0	0
12/30/2023 18:35	15604 NSTR_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/30/2023 18:35	64204 KINZ_T1	1	1	0	0.5	1.2	0.7	0	0	0	0	0	0	0	0
12/30/2023 18:35	67503 WEWI_T2	0	0	0	0	0	0	-0.2	-0.32	0	0	0	0	0	0
12/30/2023 18:35	16402 MOPO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/30/2023 18:36	29402 BELT_T1	1	2	1	6.1	6.2	0.1	0	0	0	0	0	0	0	0
12/30/2023 18:37	64201 KINZ_T1	143	259	116	0.19	0.31	0.12	-0.68	-0.75	3	3	0	1500	1500	0
12/30/2023 18:39	13503 MCMI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/30/2023 18:40	64204 KINZ_T1	1	1	0	0.5	1.2	0.7	0	0	0	0	0	0	0	0
12/30/2023 18:40	27101 GFLD_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/30/2023 18:41	13503 MCMI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/30/2023 18:42	27502 WEIS_T2	0	0	0	0	0	0	-0.39	-0.47	0	0	0	0	0	0
12/30/2023 18:42	29402 BELT_T1	1	2	1	6.1	6.2	0.1	0	0	0	0	0	0	0	0
12/30/2023 18:42	11104 EGYP_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/30/2023 18:43	63404 HONY_T1	2	2	0	6.7	6.7	0	0	0	0	0	0	0	0	0
12/30/2023 18:43	60803 BUCK_T1	0	0	0	0	0	0	-1.4	-1.41	1	1	0	600	600	0
12/30/2023 18:43	67402 WAKE_T2	0	0	0	0	0	0	-0.44	-0.44	1	1	0	600	600	0
12/30/2023 18:43	44201 POIN_T1	0	0	0	0	0	0	-2.15	-2.1	1	1	0	900	900	0
12/30/2023 18:43	16402 MOPO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/30/2023 18:44	59301 MCAL_T1	2	0	-2	0.2	0	-0.2	-1.75	-1.76	1	1	0	600	600	0
12/30/2023 18:44	40502 CRES_T2	20	20	0	0.28	0.31	0.03	-0.74	-0.74	0	0	0	0	0	0
12/30/2023 18:44	11104 EGYP_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/30/2023 18:44	41801 GOCI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/30/2023 18:45	66503 SMAN_T2	0	6	6	0	0.13	0.13	0	0	0	0	0	0	0	0
12/30/2023 18:46	64101 REFR_T1	0	0	0	0	0	0	-0.05	-0.05	0	0	0	0	0	0
12/30/2023 18:46	65901 SAKR_T2	1	1	0	7.8	8.2	0.4	-1.3	-1.34	1	1	0	900	900	0
12/30/2023 18:46	60201 ATGL_T2	0	0	0	0	0	0	0.27	0.27	0	0	0	0	0	0
12/30/2023 18:46	29402 BELT_T1	1	2	1	6.2	3.15	-3.05	0	0	0	0	0	0	0	0
12/30/2023 18:46	64201 KINZ_T1	215	215	0	0.27	0.25	-0.02	-0.75	-0.66	3	3	0	1500	1500	0
12/30/2023 18:46	40501 CRES_T2	5	7	2	0.22	0.2	-0.02	0	0	0	0	0	0	0	0
12/30/2023 18:46	46001 BERW_T1	0	0	0	0	0	0	0.63	0.63	0	0	0	0	0	0
12/30/2023 18:46	47401 PENS_T1	0	0	0	0	0	0	0.64	0.63	0	0	0	0	0	0
12/30/2023 18:46	66505 SMAN_T2	3	3	0	0.27	0.8	0.53	0	0	0	0	0	0	0	0
12/30/2023 18:46	51604 DUKE_T2	0	0	0	0	0	0	-1.63	-1.63	1	1	0	900	900	0
12/30/2023 18:47	52102 MEIS_T1	1	0	-1	0.3	0	-0.3	0	0	0	0	0	0	0	0
12/30/2023 18:47	67103 SPRI_T1	0	0	0	0	0	0	-0.15	-0.16	0	0	0	0	0	0
12/30/2023 18:47	65001 NEFF_T2	0	0	0	0	0	0	-1.36	-1.23	1	1	0	1200	1200	0
12/30/2023 18:47	44901 SCOT_T2	0	0	0	0	0	0	-0.49	-0.54	0	0	0	0	0	0
12/30/2023 18:48	29401 BELT_T1	0	0	0	0	0	0	0	0	1	1	0	900	900	0
12/30/2023 18:48	40101 HUNT_T2	11	24	13	0.34	0.31	-0.03	-0.4	-0.41	0	0	0	0	0	0
12/30/2023 18:48	40501 CRES_T2	5	7	2	0.22	0.2	-0.02	0	0	0	0	0	0	0	0
12/30/2023 18:48	40505 CRES_T1	0	0	0	0	0	0	0.39	0.38	0	0	0	0	0	0
12/30/2023 18:48	57401 SPAN_T1	0	0	0	0	0	0	-1.44	-1.44	1	1	0	600	600	0
12/30/2023 18:48	67204 TEHI_T2	0	0	0	0	0	0	-0.17	-0.17	0	0	0	0	0	0
12/30/2023 18:49	61703 ELIZ_T1	35	224	189	0.15	0.36	0.21	-2.48	-2.71	2	2	0	2100	2100	0
12/30/2023 18:49	14403 SSLA_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/30/2023 18:49	44901 SCOT_T2	0	0	0	0	0	0	-0.49	-0.54	0	0	0	0	0	0
12/30/2023 18:49	60803 BUCK_T1	0	0	0	0	0	0	-1.4	-1.41	1	1	0	600	600	0
12/30/2023 18:50	40501 CRES_T2	5	7	2	0.22	0.2	-0.02	0	0	0	0	0	0	0	0
12/30/2023 18:50	63203 MGTN_T1	0	0	0	0	0	0	-0.22	-0.23	1	1	0	600	600	0
12/30/2023 18:50	40101 HUNT_T2	11	24	13	0.34	0.31	-0.03	-0.79	-0.82	0	0	0	0	0	0
12/30/2023 18:50	57304 MOAL_T2	0	0	0	0	0	0	-0.1	-0.17	0	0	0	0	0	0
12/30/2023 18:50	49803 UNIV_T1	0	0	0	0	0	0	-1.03	-1.04	0	0	0	0	0	0
12/30/2023 18:50	13503 MCMI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/30/2023 18:50	66505 SMAN_T2	3	3	0	0.27	0.8	0.53	0	0	0	0	0	0	0	0
12/30/2023 18:50	44201 POIN_T1	0	0	0	0	0	0	-2.15	-2.1	1	1	0	900	900	0
12/30/2023 18:51	59101 WALK_T2	1	1	0	0	0	0	0.88	0.94	1	1	0	600	600	0
12/30/2023 18:51	66505 SMAN_T2	3	3	0	0.27	0.8	0.53	-0.52	-0.53	2	2	0	1100	1100	0
12/30/2023 18:51	44201 POIN_T1	0	0	0	0	0	0	-2.15	-2.1	1	1	0	900	900	0
12/30/2023 18:51	59302 MCAL_T1	0	0	0	0	0	0	-0.45	-0.45	1	1	0	600	600	0
12/30/2023 18:51	57401 SPAN_T1	0	0	0	0	0	0	-2.89	-2.88	2	2	0	1200	1200	0
12/30/2023 18:51	64101 REFR_T1	0	0	0	0	0	0	-0.1	-0.1	0	0	0	0	0	0
12/30/2023 18:52	48302 ORWI_T2	3	3	0	0.6	0.6	0	-0.58	-0.58	0	0	0	0	0	0
12/30/2023 18:52	59101 WALK_T2	1	1	0	0	0	0	0.88	0.94	1	1	0	600	600	0
12/30/2023 18:52	46001 BERW_T1	0	0	0	0	0	0	0.63	0.63	0	0	0	0	0	0
12/30/2023 18:52	44201 POIN_T1	0	0	0	0	0	0	-2.15	-2.1	1	1	0	900	900	0
12/30/2023 18:52	60101 COCA_T1	0	0	0	0	0	0	0.61	0.58	0	0	0	0	0	0
12/30/2023 18:52	44301 BEAV_T2	0	1	1	0	0	0	-1.03	-1.03	1	1	0	600	600	0
12/30/2023 18:52	40501 CRES_T2	5	7	2	0.22	0.2	-0.02	0	0	0	0	0	0	0	0
12/30/2023 18:52	64101 REFR_T1	0	0	0	0	0	0	-0.05	-0.05	0	0	0	0	0	0
12/30/2023 18:52	11104 EGYP_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/30/2023 18:52	40101 HUNT_T2	11	24	13	0.34	0.31	-0.03	-0.4	-0.41	0	0	0	0	0	0
12/30/2023 18:52	41602 CLEV_T1	0	0	0	0	0	0	0	0	1	1	0	600	600	0
12/30/2023 18:52	40505 CRES_T1	0	0	0	0	0	0	0.39	0.38	0	0	0	0	0	0
12/30/2023 18:53	60502 NMAN_T2	0	0	0	0	0	0	-0.41	-0.41	0	0	0	0	0	0
12/30/2023 18:53	44301 BEAV_T2	0	1	1	0	0	0	-1.03	-1.03	1	1	0	600	600	0
12/30/2023 18:53	55002 NEWP_T1	4	4	0	0.53	0.75	0.22	-0.24	-0.24	0	0	0	0	0	0
12/30/2023 18:53	53903 HAU_T2	0	2	2	0	0.1	0.1	0	0	0	0	0	0	0	0
12/30/2023 18:53	57401 SPAN_T1	0	0	0	0	0	0	-1.44	-1.44	1	1	0	600	600	0
12/30/2023 18:53	67204 TEHI_T2	0	0	0	0	0	0	-0.17	-0.17	0	0	0	0	0	0
12/30/2023 18:53	42902 MIDD_T2	0	0	0	0	0	0	-1.33	-1.34	1	1	0	600	600	0
12/30/2023 18:53	45501 DERR_T2	0	2	2	0	0	0	-0.78	-0.81	2	2	0	1800	1800	0
12/30/2023 18:53	44201 POIN_T1	0	0	0	0	0	0	-2.1	-2.06	1	1	0	900	900	0
12/30/2023 18:53	54001 SDLE_T1	1	4	3	0.8	0.58	-0.22	0	0	1	1	0	600	600	0
12/30/2023 18:54	46903 MNTG_T2	0	0	0	0	0	0	-0.23	-0.22	1	1	0	600	600	0
12/30/2023 18:54	43401 BENT_T1	1	3	2	0.7	0	-0.7	0	0	0	0	0	0	0	0
12/30/2023 18:54	52404 GRPA_T2	1	0	-1	0.8	0	-0.8	0	0	0	0	0	0	0	0
12/30/2023 18:54	40501 CRES_T2	5	7	2	0.22	0.2	-0.02	0	0	0	0	0	0	0	0
12/30/2023 18:54	40505 CRES_T1	0	0	0	0	0	0	1.15	1.14	0	0	0	0	0	0
12/30/2023 18:54	57304 MOAL_T2	0	0	0	0	0	0	-0.17	-0.22	0	0	0	0	0	0
12/30/2023 18:54	56501 ROCK_T2	26	45	19	0.15	0.14	-0.01	-2.42	-2.43	0	0	0	0	0	0
12/30/2023 18:55	40703 FFLD_T1	2	2	0	0.1	0.15	0.05	0	0	0	0	0	0	0	0
12/30/2023 18:55	45501 DERR_T2	0	2	2	0	0	0	-0.78	-0.81	2	2	0	1800	1800	0
12/30/2023 18:55	52404 GRPA_T2	1	0	-1	0.8	0	-0.8	0	0	0	0	0	0	0	0
12/30/2023 18:55	14403 SSLA_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/30/2023 18:55	61701 ELIZ_T1	1	1	0	5.4	5.8	0.4	0	0	0	0	0	0	0	0
12/30/2023 18:55	43401 BENT_T1	1	3	2	0.7	0	-0.7	0	0	0	0	0	0	0	0
12/30/2023 18:55	44201 POIN_T1	0	0	0	0	0	0	-2.1	-2.06	1	1	0	900	900	0
12/30/2023 18:55	57401 SPAN_T1	0	0	0	0	0	0	-1.44	-1.43	1	1	0	600	600	0
12/30/2023 18:55	11804 FRAN_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/30/2023 18:55	56802 BENV_T2	0	0	0	0	0	0	-1.36	-1.37	0	0	0	0	0	0
12/30/2023 18:56	61402 SLIT_T1	1	1	0	5.3	5	-0.3	0	0	0	0	0	0	0	0
12/30/2023 18:56	51102 CARL_T1	2	4	2	0.15	0.15	0	0	0	0	0	0	0	0	0
12/30/2023 18:56	43201 MVIL_T2	0	0	0	0	0	0	-1.28	-1.29	0	0	0	0	0	0
12/30/2023 18:56	40502 CRES_T2	20	8	-12	0.29	0.44	0.15	-1.49	-1.52	0	0	0	0	0	0
12/30/2023 18:56	56802 BENV_T2	0	0	0	0	0	0	-1.36	-1.37	0	0	0	0	0	0
12/30/2023 18:56	56801 BENV_T1	1	4	3	0.9	0.43	-0.47	-0.64	-0.63	1	1	0	600	600	0
12/30/2023 18:56	60201 ATGL_T2	0	0	0	0	0	0	0.27	0.26	0	0	0	0	0	0
12/30/2023 18:56	45501 DERR_T2	0	0	0	0	0	0	-0.78	-0.81	2	2	0	1800	1800	0

12/30/2023 19:01	52102 MEIS_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/30/2023 19:01	66703 STRA_T1	0	0	0	0	0	0	-0.26	-0.27	0	0	0	0	0	0
12/30/2023 19:01	55002 NEWP_T1	4	4	0	0.38	1	0.62	-0.24	-0.24	0	0	0	0	0	0
12/30/2023 19:01	40901 IESH_T1	1	1	0	0.9	0.3	-0.6	0	0	0	0	0	0	0	0
12/30/2023 19:01	61703 ELIZ_T1	224	215	-9	0.35	0.31	-0.04	-2.71	-2.66	2	2	0	2100	2100	0
12/30/2023 19:01	45501 DERR_T2	0	0	0	0	0	0	-0.78	-0.81	2	2	0	1800	1800	0
12/30/2023 19:01	56501 ROCK_T2	16	160	144	0.14	0.18	0.04	-2.42	-2.43	0	0	0	0	0	0
12/30/2023 19:01	53901 HALI_T2	0	0	0	0	0	0	-1.26	-1.31	0	0	0	0	0	0
12/30/2023 19:01	59101 WALK_T2	1	1	0	0	0	0	0.94	0.99	1	1	0	600	600	0
12/30/2023 19:01	43001 ALWD_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/30/2023 19:02	57401 SPAN_T1	0	0	0	0	0	0	-1.44	-1.43	1	1	0	600	600	0
12/30/2023 19:02	66503 SMAN_T2	0	6	6	0	0.13	0.13	0	0	0	0	0	0	0	0
12/30/2023 19:02	41602 CLEV_T1	0	0	0	0	0	0	0	0	1	1	0	600	600	0
12/30/2023 19:02	41901 REED_T1	3	9	6	0.33	0.3	-0.03	-2.05	-2.05	1	1	0	900	900	0
12/30/2023 19:02	40502 CRES_T2	7	9	2	0.39	0.4	0.01	-2.23	-2.27	0	0	0	0	0	0
12/30/2023 19:02	40505 CRES_T1	0	0	0	0	0	0	0.38	0.38	0	0	0	0	0	0
12/30/2023 19:02	43202 MVIL_T2	0	0	0	0	0	0	-0.68	-0.68	0	0	0	0	0	0
12/30/2023 19:02	56801 BENV_T1	2	4	2	0.5	1.23	0.73	-0.64	-0.63	1	1	0	600	600	0
12/30/2023 19:02	41901 REED_T1	3	9	6	0.33	0.3	-0.03	-2.05	-2.05	1	1	0	900	900	0
12/30/2023 19:02	46801 HEPB_T2	0	0	0	0	0	0	0.6	0.6	0	0	0	0	0	0
12/30/2023 19:02	46901 MNTG_T2	0	0	0	0	0	0	-0.08	-0.07	0	0	0	0	0	0
12/30/2023 19:03	52102 MEIS_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/30/2023 19:03	45702 LIND_T2	0	0	0	0	0	0	-0.5	-0.5	0	0	0	0	0	0
12/30/2023 19:03	56501 ROCK_T2	16	160	144	0.14	0.18	0.04	-2.42	-2.43	0	0	0	0	0	0
12/30/2023 19:03	59101 WALK_T2	1	1	0	0	0	0	0.94	0.99	1	1	0	600	600	0
12/30/2023 19:03	54001 SDLE_T1	4	4	0	0.4	0.5	0.1	0	0	1	1	0	600	600	0
12/30/2023 19:03	67901 WNHO_T2	3	8	5	0.13	0.18	0.05	-0.69	-0.7	0	0	0	0	0	0
12/30/2023 19:03	45501 DERR_T2	0	0	0	0	0	0	-0.78	-0.81	2	2	0	1800	1800	0
12/30/2023 19:03	45402 WILO_T2	0	0	0	0	0	0	-0.7	-0.71	0	0	0	0	0	0
12/30/2023 19:03	56801 BENV_T1	2	4	2	0.5	1.23	0.73	-1.28	-1.26	2	2	0	1200	1200	0
12/30/2023 19:04	52102 MEIS_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/30/2023 19:04	53903 HALI_T2	2	2	0	0.1	0.2	0.1	0	0	0	0	0	0	0	0
12/30/2023 19:04	52402 GRPA_T2	1	3	2	1.7	0.93	-0.77	0	0	0	0	0	0	0	0
12/30/2023 19:04	42903 MIDD_T2	2	2	0	0.65	0.85	0.2	-1.38	-1.32	1	1	0	1200	1200	0
12/30/2023 19:04	59101 WALK_T2	1	1	0	0	0	0	0.94	0.99	1	1	0	600	600	0
12/30/2023 19:04	41902 REED_T1	1	0	-1	0.2	0	-0.2	0.37	0.05	0	0	0	0	0	0
12/30/2023 19:04	54001 SDLE_T1	4	4	0	0.4	0.5	0.1	0	0	1	1	0	600	600	0
12/30/2023 19:04	55002 NEWP_T1	4	4	0	0.38	1	0.62	-0.24	-0.24	0	0	0	0	0	0
12/30/2023 19:04	56801 BENV_T1	2	4	2	0.5	1.23	0.73	-0.64	-0.63	1	1	0	600	600	0
12/30/2023 19:04	40101 HUNT_T2	23	12	-11	0.43	0.32	-0.11	-0.82	-0.84	0	0	0	0	0	0
12/30/2023 19:04	40505 CRES_T1	0	0	0	0	0	0	0.38	0.38	0	0	0	0	0	0
12/30/2023 19:05	52401 GRPA_T2	7	1	-6	0.51	0	-0.51	0	0	0	0	0	0	0	0
12/30/2023 19:05	49803 UNIV_T1	0	0	0	0	0	0	-1.04	-1.05	0	0	0	0	0	0
12/30/2023 19:05	42701 AUGU_T1	3	3	0	0.2	0	-0.2	0	0	1	1	0	600	600	0
12/30/2023 19:05	59101 WALK_T2	1	1	0	0	0	0	0.94	0.99	1	1	0	600	600	0
12/30/2023 19:05	52401 GRPA_T2	7	1	-6	0.51	0	-0.51	0	0	0	0	0	0	0	0
12/30/2023 19:06	54001 SDLE_T1	4	4	0	0.4	0.5	0.1	0	0	1	1	0	600	600	0
12/30/2023 19:06	52401 GRPA_T2	7	1	-6	0.51	0	-0.51	0	0	0	0	0	0	0	0
12/30/2023 19:06	58402 MORO_T1	1	0	-1	0.3	0	-0.3	-0.33	-0.31	2	2	0	1500	1500	0
12/30/2023 19:06	45501 DERR_T2	0	0	0	0	0	0	-0.78	-0.81	2	2	0	1800	1800	0
12/30/2023 19:06	56801 BENV_T1	2	4	2	0.5	1.23	0.73	-1.28	-1.26	2	2	0	1200	1200	0
12/30/2023 19:07	56801 BENV_T1	2	4	2	0.5	1.23	0.73	-0.64	-0.63	1	1	0	600	600	0
12/30/2023 19:07	52101 MEIS_T1	1	1	0	0.6	0.6	0	0	0	0	0	0	0	0	0
12/30/2023 19:09	56801 BENV_T1	2	4	2	0.5	1.23	0.73	-0.63	-0.63	1	1	0	600	600	0
12/30/2023 19:09	53903 HALI_T2	2	2	0	0.1	0.2	0.1	0	0	0	0	0	0	0	0
12/30/2023 19:17	56501 ROCK_T2	42	263	221	0.15	0.24	0.09	-2.43	-2.41	0	0	0	0	0	0
12/30/2023 19:27	43202 MVIL_T2	0	1	1	0	0	0	-0.68	-0.68	0	0	0	0	0	0
12/30/2023 20:16	40101 HUNT_T2	3	5	2	0.3	0.5	0.2	-0.47	-0.48	0	0	0	0	0	0
12/30/2023 20:47	52101 MEIS_T1	1	1	0	0.7	1	0.3	0	0	0	0	0	0	0	0
12/30/2023 21:30	59202 THOM_T1	6	11	5	0.15	0.18	0.03	0	0	0	0	0	0	0	0
12/30/2023 23:07	65001 NEFF_T2	0	83	83	0	0.13	0.13	-1.47	-1.48	1	1	0	1200	1200	0
12/30/2023 23:47	52401 GRPA_T2	1	1	0	0.6	0.5	-0.1	0	0	0	0	0	0	0	0
12/30/2023 23:52	13501 MCMI_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/30/2023 23:56	13501 MCMI_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/31/2023 0:07	67605 WARW_T1	2	2	0	0.1	0.15	0.05	-1.12	-1.14	0	0	0	0	0	0
12/31/2023 1:46	13501 MCMI_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/31/2023 3:37	59202 THOM_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/31/2023 7:33	65001 NEFF_T2	0	0	0	0	0	0	-1.43	-1.35	1	1	0	1200	1200	0
12/31/2023 7:44	59201 THOM_T1	1	1	0	0.1	0.1	0	0	0	0	0	0	0	0	0
12/31/2023 7:53	43402 BENT_T1	0	1	1	0	0	0	-0.95	-0.95	1	1	0	900	900	0
12/31/2023 7:56	43402 BENT_T1	0	1	1	0	0	0	-0.95	-0.95	1	1	0	900	900	0
12/31/2023 8:03	52101 MEIS_T1	1	1	0	0.5	0.5	0	0	0	0	0	0	0	0	0
12/31/2023 8:04	52101 MEIS_T1	1	1	0	0.5	0.5	0	0	0	0	0	0	0	0	0
12/31/2023 8:05	52102 MEIS_T1	2	18	16	0.1	0.19	0.09	0	0	0	0	0	0	0	0
12/31/2023 8:05	65001 NEFF_T2	0	0	0	0	0	0	-1.32	-1.36	1	1	0	1200	1200	0
12/31/2023 8:08	13503 MCMI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/31/2023 8:11	13503 MCMI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/31/2023 8:24	49803 UNIV_T1	0	0	0	0	0	0	-1.07	-1.07	0	0	0	0	0	0
12/31/2023 8:37	67103 SPRI_T1	0	0	0	0	0	0	-0.21	-0.21	0	0	0	0	0	0
12/31/2023 8:38	67103 SPRI_T1	0	0	0	0	0	0	-0.21	-0.21	0	0	0	0	0	0
12/31/2023 8:58	40502 CRES_T2	11	9	-2	0.22	0.24	0.02	-0.18	-0.17	0	0	0	0	0	0
12/31/2023 9:00	67103 SPRI_T1	0	0	0	0	0	0	-0.21	-0.21	0	0	0	0	0	0
12/31/2023 9:00	46003 BERW_T2	1	1	0	6	4.9	-1.1	0	0	0	0	0	0	0	0
12/31/2023 9:00	43001 ALWD_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/31/2023 9:00	23401 HONE_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/31/2023 9:00	44201 POIN_T1	0	0	0	0	0	0	-1.13	-1.18	0	0	0	0	0	0
12/31/2023 9:00	52102 MEIS_T1	40	0	-40	0.2	0	-0.2	0	0	0	0	0	0	0	0
12/31/2023 9:00	41902 REED_T1	2	11	9	0.25	0.33	0.08	1.01	1.02	0	0	0	0	0	0
12/31/2023 9:00	53903 HALI_T2	2	2	0	0.2	0.35	0.15	-0.2	-0.24	0	0	0	0	0	0
12/31/2023 9:00	61701 ELIZ_T1	1	1	0	5.1	5.4	0.3	0	0	0	0	0	0	0	0
12/31/2023 9:00	59201 THOM_T1	2	3	1	0.1	0.17	0.07	0	0	0	0	0	0	0	0
12/31/2023 9:00	43304 WATS_T2	0	1	1	0	0.1	0.1	0.47	0.48	0	0	0	0	0	0
12/31/2023 9:00	55002 NEWP_T1	1	0	-1	0.1	0	-0.1	-0.22	-0.22	0	0	0	0	0	0
12/31/2023 9:00	58402 MORO_T1	0	0	0	0	0	0	-0.49	-0.5	2	2	0	1500	1500	0
12/31/2023 9:00	67605 WARW_T1	0	0	0	0	0	0	-0.99	-0.99	0	0	0	0	0	0
12/31/2023 9:00	59101 WALK_T2	1	1	0	0	0	0	-0.51	-0.5	0	0	0	0	0	0
12/31/2023 9:01	52004 LING_T2	1	1	0	0.2	0.4	0.2	0	0	0	0	0	0	0	0
12/31/2023 9:01	44301 BEAV_T2	0	0	0	0	0	0	-1.05	-1.01	1	1	0	600	600	0
12/31/2023 9:01	43201 MVIL_T2	1	0	-1	0.2	0	-0.2	-1.27	-1.27	0	0	0	0	0	0
12/31/2023 9:06	27502 WEIS_T2	0	0	0	0	0	0	-0.61	-0.57	0	0	0	0	0	0
12/31/2023 9:07	57403 SPAN_T1	0	0	0	0	0	0	0.11	0.11	0	0	0	0	0	0
12/31/2023 9:07	67503 WEWI_T2	0	0	0	0	0	0	-0.37	-0.36	0	0	0	0	0	0
12/31/2023 9:07	67402 WAKE_T2	0	0	0	0	0	0	-0.44	-0.44	1	1	0	600	600	0
12/31/2023 9:08	13503 MCMI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/31/2023 9:08	67103 SPRI_T1	0	0	0	0	0	0	-0.21	-0.21	0	0	0	0	0	0
12/31/2023 9:08	59102 WALK_T2	0	0	0	0	0	0	0.24	0.25	0	0	0	0	0	0
12/31/2023 9:09	67103 SPRI_T1	0	0	0	0	0	0	-0.21	-0.2	0	0	0	0	0	0
12/31/2023 9:11	43402 BENT_T1	0	1	1	0	0	0	-0.95	-0.94	1	1	0	900	900	0
12/31/2023 9:11	13503 MCMI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/31/2023 9:14	53901 HALI_T2	0	0	0	0	0	0	-0.3	-0.29	0	0	0	0	0	0
12/31/2023 9:15	53901 HALI_T2	0	0	0	0	0	0	-0.3	-0.29	0	0	0	0	0	0
12/31/2023 9:15	52101 MEIS_T1	1	1	0	0.3	0.4	0.1	0	0	0	0	0	0	0	0
12/31/2023 9:17	52101 MEIS_T1	1	1	0	0.3	0.4	0.1	0	0	0	0	0	0	0	0
12/31/2023 9:18	41902 REED_T1	11	4	-7	0.46	0.3	-0.16	1.02	1.03	0	0	0	0	0	0
12/31/2023 9:18	48302 ORWI_T2	3	2	-1	0.27	0.45	0.18	0.05	0.06	0	0	0	0	0	0
12/31/2023 9:18	43202 MVIL_T2	0	0	0	0	0	0	-1.37	-1.37	0	0	0	0	0	0
12/31/2023 9:19	52101 MEIS_T1	1	1	0	0.3	0.4	0.1	0	0	0	0	0	0	0	0
12/31/2023 9:20	41902 REED_T1	11	4	-7	0.46	0.3	-0.16	1.02	1.03	0	0	0	0	0	0
12/31/2023 9:24	67901 WNHO_T2	0	0	0	0	0	0	-0.78	-0.78	0	0	0	0	0	0
12/31/2023 9:26	41801 GOCI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/31/2023 9:26	13503 MCMI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/31/2023 9:30	41801 GOCI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/31/2023 9:37	56501 ROCK_T2	1	2	1	1	0.3	-0.7	-1.45	-1.45	0	0	0	0	0	0
12/31/2023 9:38	56801 BENV_T1	11	20	9	0.53	0.74	0.21	-0.68	-0.68	1	1	0	600	600	0
12/31/2023 9:39	13503 MCMI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/31/2023 9:39	56801 BENV_T1	11	20	9	0.53	0.74	0.21	-2.73	-2.71	4	4	0	2400	2400	0
12/31/2023 9:40	29402 BELT_T1	1	1	0	6.6	6.6	0	0	0	0	0	0	0	0	0
12/31/2023 9:40	56801 BENV_T1	11	20	9	0.53	0.74	0.21	-2.04	-2.04	3	3	0	1800	1800	0
12/31/2023 9:48	64203 KINZ_T1	0	1	1	0	0	0	0	0	0	0	0	0	0	0
12/31/2023 9:48	54205 PENN_T1	71	72	1	0.24	0.36	0.12	0	0	0	0	0	0	0	0
12/31/2023 9:50	66505 SMAN_T2	0	1	1	0	0	0	0	0	0	0	0	0	0	0
12/31/2023 9:52	67402 WAKE_T2	0	0	0	0	0	0	-0.44	-0.44	1	1	0	600	600	0
12/31/2023 9:52	56802 BENV_T2	0	0	0	0	0	0	-1.36	-1.36	0	0	0	0	0	0
12/31/2023 9:54	40502 CRES_T2	5	4	-1	0.14	0.23	0.09	-2.35	-2.37	0	0	0	0	0	0
12/31/2023 9:54	56802 BENV_T2	0	0	0	0	0	0	-1.36	-1.35	0	0	0	0	0	0
12/31/2023 9:56	40501 CRES_T2	1	2	1	0.1	0.1	0	0	0	0	0	0	0	0	0
12/31/2023 9:56	56802 BENV_T2	0	0	0	0	0	0	-1.36	-1.35	0	0	0	0	0	0
12/31/2023 9:57	56802 BENV_T2	0	0	0	0	0	0	-1.36	-1.35	0	0	0	0	0	0
12/31/2023 9:58	66504 SMAN_T2	0	0	0	0	0	0	-0.57	-0.58	0	0	0	0	0	0
12/31/2023 9:58	40501 CRES_T2	1	2	1	0.1	0.1	0	0	0	0	0	0	0	0	0
12/31/2023 10:00	12701 MACU_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/31/2023 10:00	40501 CRES_T2	2	1	-1	0.1	0.1	0	0	0	0	0	0	0	0	0
12/31/2023 10:00	67402 WAKE_T2	0	0	0	0	0	0	-0.44	-0.44	1	1	0	600	600	0
12/31/2023 10:00	27502 WEIS_T2	0	0	0	0	0	0	-0.5	-0.54	0	0	0	0	0	0
12/31/2023 10:02	63401 HONY_T1	0	0	0	0	0	0	0.08	0.07	0	0	0	0	0	0
12/31/2023 10:05	54201 PENN_T1	278	294	16	0.47	0.5	0.03	-1.33	-1.26	0	0	0	0	0	0
12/31/2023 10:06	40603 PIGR_T1	0	0	0	0	0	0	0.39	0.34	0	0	0	0	0	0
12/31/2023 10:07	57401 SPAN_T1	0	0	0	0	0	0	-2.22	-2.22	2	2	0	1200	1200	0
12/31/2023 10:08	57401 SPAN_T1	0	0	0	0	0	0	-1.11	-1.11	1	1	0	600	600	0
12/31/2023 10:09	57401 SPAN_T1	0	0	0	0	0	0	-1.11	-1.11	1	1	0	600	600	0
12/31/2023 10:10	57401 SPAN_T1	0	0	0	0	0	0	-1.11	-1.11	1	1	0	600	600	0
12/31/2023 10:10	29402 BELT_T1	1	1	0	6.6	6.8	0.2	0	0	0	0	0	0	0	0
12/31/2023 10:12	52402 GRPA_T2	3	3	0	0.87	0.93	0.06	-1.86	-1.87	0	0	0	0	0	0
12/31/2023 10:12	53903 HALI_T2	2	2	0	0.35	0.5	0.15	0	0	0	0	0	0	0	0
12/31/2023 10:14	63801 HEMP_T1	1	2	1	0.1	0.15	0.05	0	0	0	0	0	0	0	0
12/31/2023 10:14	53901 HALI_T2	0	0	0	0	0	0	-0.3	-0.31	0	0	0	0	0	0
12/31/2023 10:14	52101 MEIS_T1	1	1	0	0.3	0.4	0.1	0	0	0	0	0	0	0	0
12/31/2023 10:15	53901 HALI_T2	0	0	0	0	0	0	-0.6	-0.61	0	0	0	0	0	0
12/31/2023 10:15	64201 KINZ_T1	344	378	34	0.84	1.11	0.27	-0.75	-0.73	3	3	0	1500	1500	0
12/31/2023 10:17	40902 IESH_T1	0	0	0	0	0	0	-0.72	-0.7	0	0	0	0	0	0
12/31/2023 10:17	65001 NEFF_T2	0	0	0	0	0	0	-1.28	-1.31	1	1	0	1200	1200	0
12/31/2023 10:17	55002 NEWP_T1	4	5	1	0.45	0.24	-0.21	-0.22	-0.22	0	0	0	0	0	0
12/31/2023 10:18	64204 KINZ_T1	0	1	1	0	1	1	0	0	0	0	0	0	0	0
12/31/2023 10:18	55002 NEWP_T1	4	5	1	0.45	0.24	-0.21	-0.22	-0.22	0	0	0	0	0	0
12/31/2023 10:20	56501 ROCK_T2	1	1	0	0.5	0.3	-0.2	-1.45	-1.45	0	0	0	0	0	0
12/31/2023 10:20	55002 NEWP_T1	4	5	1	0.45	0.24	-0.21	-0.65	-0.65	0	0	0	0	0	0
12/31/2023 10:22	56802 BENV_T2	0	0	0	0	0	0	-1.35	-1.35	0	0	0	0	0	0
12/31/2023 10:23	56501 ROCK_T2	1	1	0	0.5	0.3	-0.2	-2.9	-2.9	0	0	0	0	0	0
12/31/2023 10:23	13501 MCMI_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/31/2023 10:24	56802 BENV_T2	0	0	0	0	0	0	-1.35	-1.35	0	0	0	0	0	0
12/31/2023 10:24	11104 EGYP_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/31/2023 10:26	47001 HUGH_T2	0	0	0	0	0	0	-0.74	-0.73	0	0	0	0	0	0
12/31/2023 10:26	56802 BENV_T2	0	0	0	0	0	0	-1.35	-1.35	0	0	0	0	0	0
12/31/2023 10:27	56802 BENV_T2	0	0	0	0	0	0	-1.35	-1.35	0	0	0	0	0	0
12/31/2023 10:27	47001 HUGH_T2	0	0	0	0	0	0	-0.74	-0.73	0	0	0	0	0	0
12/31/2023 10:27	11104 EGYP_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/31/2023 10:29	63804 HEMP_T1	4	5	1	1.4	1.2	-0.2	0.86	0.92	0	0	0	0	0	0
12/31/2023 10:31	64202 KINZ_T1	0	2	2	0	0.15	0.15	0	0	0	0	0	0	0	0
12/31/2023 10:31	57303 MOAL_T2	1	1	0	7.7	7.7	0	0	0	0	0

12/31/2023 11:07	66703 STRA_T1	0	0	0	0	0	0	-0.15	-0.15	0	0	0	0	0	0
12/31/2023 11:09	59101 WALK_T2	1	1	0	0	0	0	-0.51	-0.51	0	0	0	0	0	0
12/31/2023 11:09	49803 UNIV_T1	0	0	0	0	0	0	-1.02	-1.05	0	0	0	0	0	0
12/31/2023 11:09	42701 AUGU_T1	0	1	1	0	0.1	0.1	0	0	1	1	0	600	600	0
12/31/2023 11:10	40505 CRES_T1	0	0	0	0	0	0	1.85	1.85	0	0	0	0	0	0
12/31/2023 11:10	67502 WEWI_T2	0	0	0	0	0	0	-2.89	-2.91	2	2	0	1800	1800	0
12/31/2023 11:10	67204 TEHI_T2	0	0	0	0	0	0	0.11	0.11	0	0	0	0	0	0
12/31/2023 11:10	59101 WALK_T2	1	1	0	0	0	0	-0.51	-0.51	0	0	0	0	0	0
12/31/2023 11:10	60803 BUCK_T1	0	0	0	0	0	0	-1.51	-1.52	1	1	0	600	600	0
12/31/2023 11:10	61801 EELI_T2	0	0	0	0	0	0	-1.99	-2	2	2	0	1200	1200	0
12/31/2023 11:11	60803 BUCK_T1	0	0	0	0	0	0	-1.51	-1.52	1	1	0	600	600	0
12/31/2023 11:11	42701 AUGU_T1	0	1	1	0	0.1	0.1	0	0	1	1	0	600	600	0
12/31/2023 11:11	67502 WEWI_T2	0	0	0	0	0	0	-1.44	-1.46	1	1	0	900	900	0
12/31/2023 11:11	59101 WALK_T2	1	1	0	0	0	0	-0.51	-0.51	0	0	0	0	0	0
12/31/2023 11:12	42701 AUGU_T1	0	1	1	0	0.1	0.1	0	0	1	1	0	600	600	0
12/31/2023 11:12	40101 HUNT_T2	12	25	13	0.58	0.74	0.16	-0.49	-0.49	0	0	0	0	0	0
12/31/2023 11:12	40505 CRES_T1	0	0	0	0	0	0	1.23	1.23	0	0	0	0	0	0
12/31/2023 11:14	40505 CRES_T1	0	0	0	0	0	0	0.31	0.31	0	0	0	0	0	0
12/31/2023 11:14	40101 HUNT_T2	12	25	13	0.58	0.74	0.16	-0.99	-0.98	0	0	0	0	0	0
12/31/2023 11:15	43202 MVIL_T2	0	1	1	0	0	0	-0.69	-0.69	0	0	0	0	0	0
12/31/2023 11:16	40101 HUNT_T2	20	20	0	0.72	0.86	0.14	-0.99	-0.98	0	0	0	0	0	0
12/31/2023 11:20	40602 PIGR_T1	0	0	0	0	0	0	-1.26	-1.26	1	1	0	600	600	0
12/31/2023 11:20	44901 SCOT_T2	0	0	0	0	0	0	-0.62	-0.57	0	0	0	0	0	0
12/31/2023 11:22	44901 SCOT_T2	0	0	0	0	0	0	-0.62	-0.57	0	0	0	0	0	0
12/31/2023 11:22	65001 NEFF_T2	0	0	0	0	0	0	-1.33	-1.26	1	1	0	1200	1200	0
12/31/2023 11:24	27503 WEIS_T2	0	1	1	0	0	0	0	0	0	0	0	0	0	0
12/31/2023 11:30	45702 LIND_T2	0	0	0	0	0	0	-0.48	-0.48	0	0	0	0	0	0
12/31/2023 11:34	42201 SHEN_T2	0	0	0	0	0	0	-0.06	-0.06	1	1	0	600	600	0
12/31/2023 11:36	48302 ORWI_T2	3	3	0	1	1.17	0.17	-1.08	-1.08	0	0	0	0	0	0
12/31/2023 11:36	65001 NEFF_T2	0	0	0	0	0	0	-1.26	-1.25	1	1	0	1200	1200	0
12/31/2023 11:36	58001 WCAR_T1	4	4	0	0.8	0.75	-0.05	0	0	0	0	0	0	0	0
12/31/2023 11:39	56803 BENV_T1	1	1	0	1.9	0.3	-1.6	0	0	0	0	0	0	0	0
12/31/2023 11:39	56802 BENV_T2	0	0	0	0	0	0	-1.3	-1.29	0	0	0	0	0	0
12/31/2023 11:40	56801 BENV_T1	10	13	3	0.43	0.55	0.12	-1.98	-1.98	3	3	0	1800	1800	0
12/31/2023 11:41	56802 BENV_T2	0	0	0	0	0	0	-1.3	-1.29	0	0	0	0	0	0
12/31/2023 11:41	56803 BENV_T1	1	1	0	1.9	0.3	-1.6	0	0	0	0	0	0	0	0
12/31/2023 11:42	56802 BENV_T2	0	0	0	0	0	0	-1.3	-1.29	0	0	0	0	0	0
12/31/2023 11:43	56801 BENV_T1	10	13	3	0.43	0.55	0.12	-0.66	-0.66	1	1	0	600	600	0
12/31/2023 11:46	45702 LIND_T2	0	0	0	0	0	0	-0.48	-0.48	0	0	0	0	0	0
12/31/2023 11:49	64101 REFR_T1	0	0	0	0	0	0	-0.12	-0.12	0	0	0	0	0	0
12/31/2023 11:49	58402 MORO_T1	0	0	0	0	0	0	-0.38	-0.37	2	2	0	1500	1500	0
12/31/2023 11:50	64101 REFR_T1	0	0	0	0	0	0	-0.12	-0.12	0	0	0	0	0	0
12/31/2023 11:50	42201 SHEN_T2	0	0	0	0	0	0	-0.06	-0.06	1	1	0	600	600	0
12/31/2023 11:51	64101 REFR_T1	0	0	0	0	0	0	-0.12	-0.12	0	0	0	0	0	0
12/31/2023 11:52	64101 REFR_T1	0	0	0	0	0	0	-0.12	-0.12	0	0	0	0	0	0
12/31/2023 11:52	40603 PIGR_T1	0	1	1	0	0	0	0	0	0	0	0	0	0	0
12/31/2023 11:53	64101 REFR_T1	0	0	0	0	0	0	-0.24	-0.23	0	0	0	0	0	0
12/31/2023 11:53	43001 ALWD_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/31/2023 11:54	64101 REFR_T1	0	0	0	0	0	0	-0.12	-0.12	0	0	0	0	0	0
12/31/2023 11:54	29402 BELT_T1	1	2	1	6.5	6.8	0.3	0	0	0	0	0	0	0	0
12/31/2023 11:55	56803 BENV_T1	1	1	0	0.3	0	-0.3	0	0	0	0	0	0	0	0
12/31/2023 11:56	67901 WNHO_T2	1	7	6	0.1	0.19	0.09	-0.78	-0.79	0	0	0	0	0	0
12/31/2023 11:56	56803 BENV_T1	1	1	0	0.3	0	-0.3	0	0	0	0	0	0	0	0
12/31/2023 11:56	29402 BELT_T1	1	2	1	6.5	6.8	0.3	0	0	0	0	0	0	0	0
12/31/2023 11:56	56802 BENV_T2	0	0	0	0	0	0	-1.29	-1.29	0	0	0	0	0	0
12/31/2023 11:57	56801 BENV_T1	13	12	-1	0.52	0.63	0.11	-1.98	-1.97	3	3	0	1800	1800	0
12/31/2023 11:59	54505 ENOL_T2	1	1	0	0.5	0.5	0	0	0	0	0	0	0	0	0
12/31/2023 12:00	56802 BENV_T2	0	0	0	0	0	0	-1.29	-1.29	0	0	0	0	0	0
12/31/2023 12:02	55105 WERT_T1	0	0	0	0	0	0	-0.57	-0.57	1	1	0	900	900	0
12/31/2023 12:14	56801 BENV_T1	10	14	4	0.51	0.78	0.27	-0.66	-0.66	1	1	0	600	600	0
12/31/2023 12:22	64101 REFR_T1	0	0	0	0	0	0	-0.58	-0.57	0	0	0	0	0	0
12/31/2023 12:22	29402 BELT_T1	2	1	-1	3.4	5.8	2.4	0	0	0	0	0	0	0	0
12/31/2023 12:23	64101 REFR_T1	0	0	0	0	0	0	-0.12	-0.11	0	0	0	0	0	0
12/31/2023 12:24	29402 BELT_T1	2	1	-1	3.4	5.8	2.4	0	0	0	0	0	0	0	0
12/31/2023 12:24	43001 ALWD_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/31/2023 12:26	64101 REFR_T1	0	0	0	0	0	0	-0.11	-0.11	0	0	0	0	0	0
12/31/2023 12:26	29402 BELT_T1	2	1	-1	3.4	5.8	2.4	0	0	0	0	0	0	0	0
12/31/2023 12:30	39601 LNFD_T1	12	11	-1	1.15	0	-1.15	0	0	1	1	0	900	900	0
12/31/2023 12:44	62607 ENGL_T1	0	0	0	0	0	0	-1.01	-0.95	1	1	0	300	300	0
12/31/2023 12:46	63203 MGTN_T1	0	0	0	0	0	0	-0.27	-0.27	1	1	0	600	600	0
12/31/2023 12:50	24801 VALM_T1	0	0	0	0	0	0	-0.33	-0.33	0	0	0	0	0	0
12/31/2023 13:02	63203 MGTN_T1	0	0	0	0	0	0	-0.27	-0.27	1	1	0	600	600	0
12/31/2023 13:04	65901 SAKR_T2	1	1	0	8.4	8.6	0.2	-1.21	-1.1	1	1	0	900	900	0
12/31/2023 13:06	48302 ORWI_T2	3	3	0	0.7	0.67	-0.03	-1.08	-1.08	0	0	0	0	0	0
12/31/2023 13:19	13302 ORVI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/31/2023 13:49	51002 NHAR_T1	1	1	0	1.4	1.5	0.1	0	0	0	0	0	0	0	0
12/31/2023 13:55	61703 ELIZ_T1	29	223	194	0.17	0.37	0.2	-2.77	-2.82	2	2	0	2100	2100	0
12/31/2023 13:56	61703 ELIZ_T1	29	223	194	0.17	0.37	0.2	-2.77	-2.82	2	2	0	2100	2100	0
12/31/2023 13:59	61701 ELIZ_T1	1	1	0	5.4	5.8	0.4	0	0	0	0	0	0	0	0
12/31/2023 14:00	61703 ELIZ_T1	101	221	120	0.2	0.38	0.18	-2.77	-2.82	2	2	0	2100	2100	0
12/31/2023 14:03	54203 PENN_T1	380	366	-14	0.4	0.36	-0.04	0	0	0	0	0	0	0	0
12/31/2023 14:04	54205 PENN_T1	121	126	5	0.31	0.28	-0.03	0	0	0	0	0	0	0	0
12/31/2023 14:07	64101 REFR_T1	0	0	0	0	0	0	-0.1	-0.1	0	0	0	0	0	0
12/31/2023 14:08	42701 AUGU_T1	0	0	0	0	0	0	0	0	1	1	0	600	600	0
12/31/2023 14:09	60803 BUCK_T1	0	0	0	0	0	0	-0.87	-0.86	1	1	0	600	600	0
12/31/2023 14:09	42701 AUGU_T1	0	0	0	0	0	0	0	0	1	1	0	600	600	0
12/31/2023 14:09	43001 ALWD_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/31/2023 14:10	40505 CRES_T1	0	0	0	0	0	0	1.19	1.18	0	0	0	0	0	0
12/31/2023 14:10	29402 BELT_T1	1	2	1	6.2	3.15	-3.05	0	0	0	0	0	0	0	0
12/31/2023 14:12	40505 CRES_T1	0	0	0	0	0	0	1.49	1.48	0	0	0	0	0	0
12/31/2023 14:14	40505 CRES_T1	0	0	0	0	0	0	0.3	0.3	0	0	0	0	0	0
12/31/2023 14:17	60604 NCOL_T2	0	0	0	0	0	0	0.35	0.36	0	0	0	0	0	0
12/31/2023 14:18	60604 NCOL_T2	0	0	0	0	0	0	0.35	0.36	0	0	0	0	0	0
12/31/2023 14:20	14403 SSLA_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/31/2023 14:22	45402 WBLO_T2	0	0	0	0	0	0	-1.57	-1.57	1	1	0	900	900	0
12/31/2023 14:23	64101 REFR_T1	0	0	0	0	0	0	-0.1	-0.1	0	0	0	0	0	0
12/31/2023 14:24	56802 BENV_T2	0	0	0	0	0	0	-1.27	-1.3	0	0	0	0	0	0
12/31/2023 14:24	64101 REFR_T1	0	0	0	0	0	0	-0.1	-0.1	0	0	0	0	0	0
12/31/2023 14:24	60803 BUCK_T1	0	0	0	0	0	0	-0.86	-0.86	1	1	0	600	600	0
12/31/2023 14:26	60803 BUCK_T1	0	0	0	0	0	0	-0.86	-0.86	1	1	0	600	600	0
12/31/2023 14:32	58402 MORO_T1	0	0	0	0	0	0	-0.31	-0.31	2	2	0	1500	1500	0
12/31/2023 14:34	42902 MIDD_T2	0	0	0	1	0	0	-1.28	-1.28	1	1	0	600	600	0
12/31/2023 14:35	14403 SSLA_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/31/2023 14:35	60501 NMAN_T2	3	3	0	5.07	5.13	0.06	0	0	0	0	0	0	0	0
12/31/2023 14:36	14403 SSLA_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/31/2023 14:36	65902 SAKR_T2	0	0	0	0	0	0	-0.68	-0.68	1	1	0	300	300	0
12/31/2023 14:37	45402 WBLO_T2	0	0	0	0	0	0	-1.57	-1.57	1	1	0	900	900	0
12/31/2023 14:38	13501 MCMI_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/31/2023 14:38	29402 BELT_T1	2	1	-1	3.15	6.5	3.35	0	0	0	0	0	0	0	0
12/31/2023 14:39	59101 WALK_T2	1	1	0	0	0	0	-0.55	-0.54	0	0	0	0	0	0
12/31/2023 14:40	41602 CLEV_T1	2	0	-2	0.1	0	-0.1	0	0	0	0	0	0	0	0
12/31/2023 14:40	42701 AUGU_T1	0	1	1	0	0	0	0	0	1	1	0	600	600	0
12/31/2023 14:40	40505 CRES_T1	0	0	0	0	0	0	0.89	0.88	0	0	0	0	0	0
12/31/2023 14:41	13503 MCMI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/31/2023 14:41	42701 AUGU_T1	0	1	1	0	0	0	0	0	1	1	0	600	600	0
12/31/2023 14:42	41601 CLEV_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/31/2023 14:44	22102 EDEL_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/31/2023 14:44	61303 EARL_T1	0	0	0	0	0	0	-0.03	-0.02	0	0	0	0	0	0
12/31/2023 14:44	46801 HEPB_T2	0	0	0	0	0	0	0.63	0.63	0	0	0	0	0	0
12/31/2023 14:44	40505 CRES_T1	0	0	0	0	0	0	0.3	0.29	0	0	0	0	0	0
12/31/2023 14:44	61801 EELI_T2	0	0	0	0	0	0	-1.01	-1	1	1	0	600	600	0
12/31/2023 14:46	13501 MCMI_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/31/2023 14:50	55002 NEWP_T1	3	3	0	0.2	0.37	0.17	-0.21	-0.21	0	0	0	0	0	0
12/31/2023 14:54	66505 SMAN_T2	3	3	0	0.5	0.53	0.03	-0.87	-0.82	4	4	0	2200	2200	0
12/31/2023 14:56	51102 CARL_T1	42	68	26	0.14	0.2	0.06	0	0	0	0	0	0	0	0
12/31/2023 14:56	54502 ENOL_T2	0	0	0	0	0	0	-1.99	-2	1	1	0	600	600	0
12/31/2023 14:57	54502 ENOL_T2	0	0	0	0	0	0	-1.99	-2	1	1	0	600	600	0
12/31/2023 14:57	51102 CARL_T1	42	68	26	0.14	0.2	0.06	0	0	0	0	0	0	0	0
12/31/2023 14:58	53901 HALI_T2	0	0	0	0	0	0	-0.36	-0.37	0	0	0	0	0	0
12/31/2023 14:58	54502 ENOL_T2	0	0	0	0	0	0	-1.99	-2	1	1	0	600	600	0
12/31/2023 14:59	52402 GRPA_T2	3	4	1	1.07	0.95	-0.12	0	0	0	0	0	0	0	0
12/31/2023 14:59	51102 CARL_T1	42	68	26	0.14	0.2	0.06	0	0	0	0	0	0	0	0
12/31/2023 15:01	60501 NMAN_T2	3	3	0	4.83	4.6	-0.23	0	0	0	0	0	0	0	0
12/31/2023 15:01	52402 GRPA_T2	4	4	0	0.78	0.95	0.17	0	0	0	0	0	0	0	0
12/31/2023 15:02	59002 MIFF_T1	1	3	2	0.3	0.13	-0.17	0	0	0	0	0	0	0	0
12/31/2023 15:04	58402 MORO_T1	0	0	0	0	0	0	-0.3	-0.3	2	2	0	1500	1500	0
12/31/2023 15:04	59002 MIFF_T1	1	3	2	0.3	0.13	-0.17	0	0	0	0	0	0	0	0
12/31/2023 15:08	13503 MCMI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/31/2023 15:09	56801 BENV_T1	23	23	0	0.93	0.65	-0.28	-1.95	-1.95	3	3	0	1800	1800	0
12/31/2023 15:10	56801 BENV_T1	23	23	0	0.93	0.65	-0.28	-1.95	-1.95	3	3	0	1800	1800	0
12/31/2023 15:11	56801 BENV_T1	23	23	0	0.93	0.65	-0.28	-2.6	-2.6	4	4	0	2400	2400	0
12/31/2023 15:11	56802 BENV_T2	0	0	0	0	0	0	-1.37	-1.32	0	0	0	0	0	0
12/31/2023 15:18	58302 NOTT_T1	0	0	0	0	0	0	0.23	0.23	0	0	0	0	0	0
12/31/2023 15:19	65902 SAKR_T2	0	0	0	0	0	0	-0.68	-0.68	1	1	0	300	300	0
12/31/2023 15:21	65901 SAKR_T2	1	1	0	8.5	8.7	0.2	-1.13	-1.22	1	1	0	900	900	0
12/31/2023 15:34	64101 REFR_T1	0	0	0	0	0	0	-0.09	-0.09	0	0	0	0	0	0
12/31/2023 15:38	20403 ASHF_T2	0	0	0	0	0	0	0.36	0.36	0	0	0	0	0	0
12/31/2023 15:39	13503 MCMI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/31/2023 15:40	20403 ASHF_T2	0	0	0	0	0	0	0.71	0.72	0	0	0	0	0	0
12/31/2023 15:40	29402 BELT_T1	1	2	1	6.5	3.45	-3.05	0	0	0	0	0	0	0	0
12/31/2023 15:44	20403 ASHF_T2	0	0	0	0	0	0	0.36	0.36	0	0	0	0	0	0
12/31/2023 15:54	40505 CRES_T2	0	0	-2	0.2	0	-0.2	0	0	0	0	0	0	0	0
12/31/2023 15:54	40505 CRES_T1	0	0	0	0	0	0	0.58	0.58	0	0	0	0	0	0
12/31/2023 15:55	13503 MCMI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/31/2023 15:56	40502 CRES_T2	20	3	-17	0.34	0.1	-0.24	-1.68	-1.42	0	0	0	0	0	0
12/31/2023 15:56	40505 CRES_T1	0	0	0	0	0	0	0.58	0.58	0	0	0	0	0	0
12/31/2023 15:58	40502 CRES_T2	20	3	-17	0.34	0.1	-0.24	-1.47	-1.24	0	0	0	0	0	0
12/31/2023 16:00	40502 CRES_T2	1	9	8	0.2	0.14	-0.06	-0.21	-0.18	0	0	0	0	0	0
12/31/2023 16:00	40505 CRES_T1	0	0	0	0	0	0	0.29	0.29	0	0	0	0	0	0
12/31/2023 16:08	56801 BENV_T1	16	13	-3	0.69	0.48	-0.21	-0.65	-0.65	1	1	0	600	600	0
12/31/2023 16:09	56801 BENV_T1	16	13	-3	0.69	0.48	-0.21	-1.3	-1.29	2	2	0	1200	1200	0
12/31/2023 16:12	56801 BENV_T1	16	13	-3	0.69	0.48	-0.21	-1.3	-1.29	2	2	0	1200	1200	0
12/31/2023 16:13	52403 GRPA_T2	3	8	5	0.7	0.81	0.11	0	0	0	0	0	0	0	0
12/31/2023 16:13	56801 BENV_T1	16	13	-3	0.69	0.48	-0.21	-1.3	-1.29	2	2	0	1200	1200	0
12/31/2023 16:16	52403 GRPA_T2	8	22	14	0.88	1.1	0.22	0	0	0	0	0	0	0	0
12/31/2023 16:34	59203 THOM_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/31/2023 16:52	64203 KINZ_T1	0	0	0	0	0	0	-0.1	-0.1	0	0	0	0	0	0
12/31/2023 17:08	45501 DERR_T2	0	0	0	0	0	0	-0.73	-0.75	2	2	0	1800	1800	0
12/31/2023 17:13	45501 DERR_T2	0	0	0	0	0	0	-0.73	-0.75	2	2	0	1800	1800	0
12/31/2023 17:32	40101 HUNT_T2	121	201	80	0.52	0.49	-0.03	-0.4	-0.38	0	0	0	0	0	0
12/31/2023 18:07	52102 MEIS_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/31/2023 18:16	44901 SCOT_T2	0	0	0	0	0	0	-0.63	-0.64	0	0	0	0	0	0
12/31/2023 18:25	44901 SCOT_T2	0	0	0	0	0	0	-0.64	-0.64	0	0	0	0	0	0
12/31/2023 18:28	16402 MOPO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/31/2023 18:31	43401 BENT_T1	5	5	0	1.32	0	-1.32	0	0	0	0	0	0	0	0
12/31/2023 18:34	40502 CRES_T2	11	13	2	0.15	0.21	0.06	-0.79	-0.79	0	0	0	0	0	0
12/31/2023 18:36	40502 CRES_T2	11	13	2	0.15	0.21	0.06	-3.15	-3.17	0	0	0	0	0	0
12/31/2023 18:37	60803 BUCK_T1	0	0	0	0	0	0	-1.43	-1.44	1	1	0	600	600	0
12/31/2023 18:38	41801 GOCI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/31/2023 18:38	40501 CRES_T2	2	2	0	0.1	0.15	0.05

12/31/2023 18:47	67103 SPRI_T1	0	0	0	0	0	0	-0.21	-0.21	0	0	0	0	0	0
12/31/2023 18:47	52102 MEIS_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/31/2023 18:47	60803 BUCK_T1	0	0	0	0	0	0	-1.44	-1.44	1	1	0	600	600	0
12/31/2023 18:47	14403 SSLA_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/31/2023 18:48	20403 ASHF_T2	0	0	0	0	0	0	0.82	0.84	0	0	0	0	0	0
12/31/2023 18:48	40101 HUNT_T2	46	51	5	0.7	0.66	-0.04	-0.49	-0.5	0	0	0	0	0	0
12/31/2023 18:48	14403 SSLA_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/31/2023 18:48	59101 WALK_T2	1	1	0	0	0	0	-0.48	-0.49	0	0	0	0	0	0
12/31/2023 18:48	42701 AUGU_T1	2	3	1	1.1	0.15	-0.95	0	0	1	1	0	600	600	0
12/31/2023 18:48	40505 CRES_T1	0	0	0	0	0	0	0.58	0.58	0	0	0	0	0	0
12/31/2023 18:48	41601 CLEV_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/31/2023 18:48	52403 GRPA_T2	1	1	0	0.2	0.2	0	0	0	0	0	0	0	0	0
12/31/2023 18:48	44601 SALE_T2	0	0	0	0	0	0	-0.17	-0.16	0	0	0	0	0	0
12/31/2023 18:48	24801 VALM_T1	0	0	3	0	0	0	-0.32	-0.31	0	0	0	0	0	0
12/31/2023 18:48	40501 CRES_T2	0	0	0	0	0.2	0.2	0	0	0	0	0	0	0	0
12/31/2023 18:48	42201 SHEN_T2	0	0	0	0	0	0	-0.08	-0.08	1	1	0	600	600	0
12/31/2023 18:49	43201 MVIL_T2	0	0	0	0	0	0	-1.3	-1.31	0	0	0	0	0	0
12/31/2023 18:49	13503 MCMI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/31/2023 18:49	45402 WILO_T2	0	0	0	0	0	0	-1.61	-1.62	1	1	0	900	900	0
12/31/2023 18:49	53901 HAU_T2	0	0	0	0	0	0	-0.42	-0.42	0	0	0	0	0	0
12/31/2023 18:49	60101 COCA_T1	0	0	0	0	0	0	0.28	0.27	0	0	0	0	0	0
12/31/2023 18:49	60104 COCA_T2	4	0	0	0.38	0.43	0.05	0	0	0	0	0	0	0	0
12/31/2023 18:49	43401 BENT_T1	3	2	-1	0.27	0.2	-0.07	0	0	0	0	0	0	0	0
12/31/2023 18:49	67502 WEWI_T2	0	0	0	0	0	0	-1.3	-1.38	1	1	0	900	900	0
12/31/2023 18:50	67503 WEWI_T2	0	0	0	0	0	0	-0.19	-0.19	0	0	0	0	0	0
12/31/2023 18:50	48302 ORWI_T2	3	3	0	0.7	0.97	0.27	-0.57	-0.58	0	0	0	0	0	0
12/31/2023 18:50	55002 NEWP_T1	4	5	1	0.68	0.74	0.06	-0.24	-0.24	0	0	0	0	0	0
12/31/2023 18:50	66505 SMAN_T2	3	3	0	0.7	1.03	0.33	-0.64	-0.62	2	2	0	1100	1100	0
12/31/2023 18:50	56801 BENV_T1	18	19	1	0.93	1.17	0.24	-0.64	-0.64	1	1	0	600	600	0
12/31/2023 18:50	40502 CRES_T2	12	9	-3	0.18	0.27	0.09	-3.17	-3.19	0	0	0	0	0	0
12/31/2023 18:50	43202 MVIL_T2	0	0	0	0	0	0	-1.27	-1.26	0	0	0	0	0	0
12/31/2023 18:50	65901 SAKR_T2	1	1	0	8.2	8.2	0	-1.37	-1.38	1	1	0	900	900	0
12/31/2023 18:50	59101 WALK_T2	1	1	0	0	0	0	-0.48	-0.49	0	0	0	0	0	0
12/31/2023 18:50	64201 KINZ_T1	180	322	142	0.33	0.51	0.18	-0.8	-0.82	3	3	0	1500	1500	0
12/31/2023 18:50	51102 CARL_T1	0	5	5	0	0.14	0.14	0	0	0	0	0	0	0	0
12/31/2023 18:50	66505 SMAN_T2	3	3	0	0.7	1.03	0.33	-0.64	-0.62	2	2	0	1100	1100	0
12/31/2023 18:50	57303 MOAL_T2	1	1	0	7.3	7.5	0.2	0	0	0	0	0	0	0	0
12/31/2023 18:50	40505 CRES_T1	0	0	0	0	0	0	0.29	0.29	0	0	0	0	0	0
12/31/2023 18:51	54001 SDLE_T1	2	1	-1	0.65	0.5	-0.15	0	0	0	0	0	0	0	0
12/31/2023 18:51	59102 WALK_T2	0	4	4	0	0.1	0.1	0	0	0	0	0	0	0	0
12/31/2023 18:51	55002 NEWP_T1	4	5	1	0.68	0.74	0.06	-0.24	-0.24	0	0	0	0	0	0
12/31/2023 18:51	56801 BENV_T1	18	19	1	0.93	1.17	0.24	-0.64	-0.64	1	1	0	600	600	0
12/31/2023 18:51	52403 GRPA_T2	1	1	0	0.2	0.2	0	0	0	0	0	0	0	0	0
12/31/2023 18:51	45702 LIND_T2	0	0	0	0	0	0	-0.47	-0.47	0	0	0	0	0	0
12/31/2023 18:51	12701 MACU_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/31/2023 18:51	42701 AUGU_T1	2	3	1	1.1	0.15	-0.95	0	0	1	1	0	600	600	0
12/31/2023 18:52	40505 CRES_T1	0	0	0	0	0	0	0.58	0.58	0	0	0	0	0	0
12/31/2023 18:52	51107 CARL_T1	0	22	22	0	0.18	0.18	-0.35	-0.36	0	0	0	0	0	0
12/31/2023 18:52	67603 WARW_T1	0	1	1	0	0	0	0	0	0	0	0	0	0	0
12/31/2023 18:52	60501 NMAN_T2	3	3	0	3.57	4.3	0.73	0	0	0	0	0	0	0	0
12/31/2023 18:52	42902 MIDD_T2	0	0	0	0	0	0	-1.34	-1.34	1	1	0	600	600	0
12/31/2023 18:52	43202 MVIL_T2	0	0	0	0	0	0	-0.64	-0.63	0	0	0	0	0	0
12/31/2023 18:52	46801 HEPB_T2	0	0	0	0	0	0	0.6	0.6	0	0	0	0	0	0
12/31/2023 18:52	58003 WCAR_T1	1	1	0	0.8	1	0.2	0.49	0.49	0	0	0	0	0	0
12/31/2023 18:52	52503 PROG_T2	0	0	0	0	0	0	-0.62	-0.62	1	1	0	900	900	0
12/31/2023 18:52	48302 ORWI_T2	3	3	0	0.7	0.97	0.27	-0.57	-0.58	0	0	0	0	0	0
12/31/2023 18:52	40501 CRES_T2	0	6	6	0	0.2	0.2	0	0	0	0	0	0	0	0
12/31/2023 18:52	56501 ROCK_T2	398	419	21	0.37	0.43	0.06	-2.36	-2.38	0	0	0	0	0	0
12/31/2023 18:52	55002 NEWP_T1	4	5	1	0.68	0.74	0.06	-0.24	-0.24	0	0	0	0	0	0
12/31/2023 18:52	40101 HUNT_T2	46	51	5	0.7	0.66	-0.04	-0.49	-0.5	0	0	0	0	0	0
12/31/2023 18:52	57401 SPAN_T1	0	0	0	0	0	0	-5.81	-5.91	4	4	0	2400	2400	0
12/31/2023 18:53	56801 BENV_T1	18	19	1	0.93	1.17	0.24	-0.64	-0.64	1	1	0	600	600	0
12/31/2023 18:53	67502 WEWI_T2	0	0	0	0	0	0	-1.3	-1.38	1	1	0	900	900	0
12/31/2023 18:53	67103 SPRI_T1	0	0	0	0	0	0	-0.21	-0.21	0	0	0	0	0	0
12/31/2023 18:53	54203 PENN_T1	18	18	0	0.45	0.71	0.26	0	0	0	0	0	0	0	0
12/31/2023 18:53	52503 PROG_T2	0	0	0	0	0	0	-0.62	-0.62	1	1	0	900	900	0
12/31/2023 18:53	56501 ROCK_T2	398	419	21	0.37	0.43	0.06	-2.36	-2.38	0	0	0	0	0	0
12/31/2023 18:53	64101 REFR_T1	0	0	0	0	0	0	-0.19	-0.19	0	0	0	0	0	0
12/31/2023 18:53	57401 SPAN_T1	0	0	0	0	0	0	-1.45	-1.48	1	1	0	600	600	0
12/31/2023 18:53	56802 BENV_T2	0	0	0	0	0	0	-2.68	-2.69	0	0	0	0	0	0
12/31/2023 18:53	43001 ALWD_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/31/2023 18:53	42701 AUGU_T1	2	3	1	1.1	0.15	-0.95	0	0	1	1	0	600	600	0
12/31/2023 18:54	64101 REFR_T1	0	0	0	0	0	0	-0.1	-0.1	0	0	0	0	0	0
12/31/2023 18:54	56801 BENV_T1	18	19	1	0.93	1.17	0.24	-0.64	-0.64	1	1	0	600	600	0
12/31/2023 18:54	64202 KINZ_T1	2	3	1	0.25	0.43	0.18	0	0	0	0	0	0	0	0
12/31/2023 18:54	40901 JESH_T1	1	1	0	0.8	0.1	-0.7	0	0	0	0	0	0	0	0
12/31/2023 18:54	66502 SMAN_T2	0	1	1	0	0	0	0	0	0	0	0	0	0	0
12/31/2023 18:54	63203 MGTN_T1	0	0	0	0	0	0	-0.28	-0.28	1	1	0	600	600	0
12/31/2023 18:54	40502 CRES_T2	12	9	-3	0.18	0.27	0.09	-0.8	-0.8	0	0	0	0	0	0
12/31/2023 18:54	41901 REED_T1	10	8	-2	0.41	0.45	0.04	0	0	0	0	0	0	0	0
12/31/2023 18:54	60201 ATGL_T2	0	0	0	0	0	0	0.25	0.21	0	0	0	0	0	0
12/31/2023 18:54	40101 HUNT_T2	46	51	5	0.7	0.66	-0.04	-0.5	-0.5	0	0	0	0	0	0
12/31/2023 18:54	40505 CRES_T1	0	0	0	0	0	0	0.58	0.58	0	0	0	0	0	0
12/31/2023 18:54	20403 ASHF_T2	0	0	0	0	0	0	0.42	0.41	0	0	0	0	0	0
12/31/2023 18:54	41801 GOCI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/31/2023 18:55	64202 KINZ_T1	2	3	1	0.25	0.43	0.18	0	0	0	0	0	0	0	0
12/31/2023 18:56	52402 GRPA_T2	2	5	3	1.4	1.04	-0.36	-0.86	-0.92	0	0	0	0	0	0
12/31/2023 18:56	41902 REED_T1	0	3	3	0	0	0	0.17	1.85	0	0	0	0	0	0
12/31/2023 18:56	59102 WALK_T2	0	4	4	0	0.1	0.1	0	0	0	0	0	0	0	0
12/31/2023 18:56	46801 HEPB_T2	0	0	0	0	0	0	0.6	0.6	0	0	0	0	0	0
12/31/2023 18:56	40501 CRES_T2	0	6	6	0	0.2	0.2	0	0	0	0	0	0	0	0
12/31/2023 18:56	56802 BENV_T2	0	0	0	0	0	0	-1.35	-1.35	0	0	0	0	0	0
12/31/2023 18:56	40505 CRES_T1	0	0	0	0	0	0	0.29	0.29	0	0	0	0	0	0
12/31/2023 18:56	61303 EARL_T1	0	0	0	0	0	0	0.04	0.03	0	0	0	0	0	0
12/31/2023 18:56	49803 UNIV_T1	0	0	0	0	0	0	-1.16	-1.17	0	0	0	0	0	0
12/31/2023 18:56	64101 REFR_T1	0	0	0	0	0	0	-0.1	-0.1	0	0	0	0	0	0
12/31/2023 18:56	56801 BENV_T1	18	19	1	0.93	1.17	0.24	-0.64	-0.64	1	1	0	600	600	0
12/31/2023 18:57	52101 MEIS_T1	0	1	1	0	0.3	0.3	0	0	0	0	0	0	0	0
12/31/2023 18:57	58001 WCAR_T1	1	3	2	0.1	0.5	0.4	0	0	0	0	0	0	0	0
12/31/2023 18:57	56802 BENV_T2	0	0	0	0	0	0	-1.35	-1.35	0	0	0	0	0	0
12/31/2023 18:57	64204 KINZ_T1	1	1	0	0.8	1.1	0.3	0	0	0	0	0	0	0	0
12/31/2023 18:57	55002 NEWP_T1	4	5	1	0.68	0.74	0.06	-0.24	-0.24	0	0	0	0	0	0
12/31/2023 18:57	67402 WAKE_T2	0	0	0	0	0	0	-0.46	-0.46	1	1	0	600	600	0
12/31/2023 18:58	40101 HUNT_T2	46	51	5	0.7	0.66	-0.04	-0.5	-0.5	0	0	0	0	0	0
12/31/2023 18:58	58302 NOTT_T1	0	0	0	0	0	0	0.22	0.22	0	0	0	0	0	0
12/31/2023 18:59	55002 NEWP_T1	4	5	1	0.68	0.74	0.06	-0.24	-0.24	0	0	0	0	0	0
12/31/2023 18:59	51102 CARL_T1	0	5	5	0	0.14	0.14	0	0	0	0	0	0	0	0
12/31/2023 18:59	57401 SPAN_T1	0	0	0	0	0	0	-1.48	-1.5	1	1	0	600	600	0
12/31/2023 18:59	63404 HONY_T1	2	2	0	6.85	6.8	-0.05	0	0	0	0	0	0	0	0
12/31/2023 18:59	56501 ROCK_T2	398	419	21	0.37	0.43	0.06	-2.38	-2.4	0	0	0	0	0	0
12/31/2023 18:59	67502 WEWI_T2	0	0	0	0	0	0	-1.38	-1.4	1	1	0	900	900	0
12/31/2023 18:59	58402 MORO_T1	1	0	-1	0.2	0	-0.2	-0.49	-0.51	2	2	0	1500	1500	0
12/31/2023 19:00	53901 HAU_T2	0	0	0	0	0	0	-0.84	-0.85	0	0	0	0	0	0
12/31/2023 19:00	60101 COCA_T1	0	0	0	0	0	0	0.27	0.27	0	0	0	0	0	0
12/31/2023 19:00	52404 GRPA_T2	0	1	1	0	0.1	0.1	0	0	0	0	0	0	0	0
12/31/2023 19:00	56801 BENV_T1	18	21	3	0.97	1.22	0.25	-0.64	-0.64	1	1	0	600	600	0
12/31/2023 19:00	57304 MOAL_T2	0	1	1	0	0	0	-0.64	-0.88	0	0	0	0	0	0
12/31/2023 19:00	52101 MEIS_T1	0	1	1	0	0.3	0.3	0	0	0	0	0	0	0	0
12/31/2023 19:00	55002 NEWP_T1	4	6	2	0.73	0.83	0.1	-0.24	-0.24	0	0	0	0	0	0
12/31/2023 19:00	60201 ATGL_T2	0	0	0	0	0	0	0.25	0.21	0	0	0	0	0	0
12/31/2023 19:01	52101 MEIS_T1	0	1	1	0	0.3	0.3	0	0	0	0	0	0	0	0
12/31/2023 19:01	60604 NCOL_T2	0	0	0	0	0	0	0.23	0.29	0	0	0	0	0	0
12/31/2023 19:01	61801 EEU_T2	0	1	1	0	0	0	-0.95	-0.96	1	1	0	600	600	0
12/31/2023 19:01	56801 BENV_T1	18	21	3	0.97	1.22	0.25	-0.64	-0.64	1	1	0	600	600	0
12/31/2023 19:02	52404 GRPA_T2	0	1	1	0	0.1	0.1	0	0	0	0	0	0	0	0
12/31/2023 19:02	52404 GRPA_T2	0	1	1	0	0.1	0.1	0	0	0	0	0	0	0	0
12/31/2023 19:02	64101 REFR_T1	0	0	0	0	0	0	-0.1	-0.1	0	0	0	0	0	0
12/31/2023 19:02	53903 HAU_T2	2	2	0	0.65	0.7	0.05	0	0	0	0	0	0	0	0
12/31/2023 19:02	56801 BENV_T1	18	21	3	0.97	1.22	0.25	-1.92	-1.92	3	3	0	1800	1800	0
12/31/2023 19:02	54001 SDLE_T1	1	1	0	0.4	0.6	0.2	0	0	0	0	0	0	0	0
12/31/2023 19:02	67502 WEWI_T2	0	0	0	0	0	0	-1.38	-1.4	1	1	0	900	900	0
12/31/2023 19:03	51102 CARL_T1	2	5	3	0.1	0.14	0.04	0	0	0	0	0	0	0	0
12/31/2023 19:03	65001 NEFF_T2	0	0	0	0	0	0	-1.42	-1.43	1	1	0	1200	1200	0
12/31/2023 19:03	53901 HAU_T2	0	0	0	0	0	0	-0.42	-0.43	0	0	0	0	0	0
12/31/2023 19:03	64101 REFR_T1	0	0	0	0	0	0	-0.1	-0.1	0	0	0	0	0	0
12/31/2023 19:03	57401 SPAN_T1	0	0	0	0	0	0	-1.48	-1.5	1	1	0	600	600	0
12/31/2023 19:04	54001 SDLE_T1	1	1	0	0.4	0.6	0.2	0	0	0	0	0	0	0	0
12/31/2023 19:04	63804 HEMP_T1	1	1	0	6.1	6.1	0	0.8	0.8	0	0	0	0	0	0
12/31/2023 19:04	56801 BENV_T1	18	21	3	0.97	1.22	0.25	-0.64	-0.64	1	1	0	600	600	0
12/31/2023 19:04	65902 SAKR_T2	0	0	0	0	0	0	-0.51	-0.51	1	1	0	300	300	0
12/31/2023 19:04	66703 STRA_T1	0	0	0	0	0	0	-0.3	-0.31	0	0	0	0	0	0
12/31/2023 19:05	64101 REFR_T1	0	0	0	0	0	0	-0.1	-0.1	0	0	0	0	0	0
12/31/2023 19:06	60604 NCOL_T2	0	0	0	0	0	0	0.23	0.29	0	0	0	0	0	0
12/31/2023 19:06	56801 BENV_T1	18	21	3	0.97	1.22	0.25	-0.64	-0.64	1	1	0	600	600	0
12/31/2023 19:07	53903 HAU_T2	2	2	0	0.65	0.7	0.05	0	0	0	0	0	0	0	0
12/31/2023 19:07	67901 WNHO_T2	0	0	0	0	0	0	-0.75	-0.75	0	0	0	0	0	0
12/31/2023 19:14	55105 WERT_T1	0	0	0	0	0	0	-0.52	-0.53	1	1	0	900	900	0
12/31/2023 19:34	56501 ROCK_T2	398	493	95	0.47	0.73	0.26	-2.42	-2.44	0	0	0	0	0	0
12/31/2023 20:07	65001 NEFF_T2	0	0	0	0	0	0	-1.44	-1.44	1	1	0	1200	1200	0
12/31/2023 20:46	40101 HUNT_T2	0	0	0	0	0	0	-0.53	-0.53	0	0	0	0	0	0
12/31/2023 21:09	13501 MCMI_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1/1/2024 0:28	64203 KINZ_T1	0	0	0	0	0	0	-0.11	-0.12	0	0	0	0	0	0
1/1/2024 0:53	59202 THOM_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1/1/2024 4:45	52503 PROG_T2	0	0	0	0	0	0	-0.64	-0.64	1	1	0	900	900	0
1/1/2024 6:55	59202 THOM_T1	0	24	24	0	0.18	0.18	0	0	0	0	0	0	0	0
1/1/2024 7:42	59202 THOM_T1	30	23	-7	0.17	0.16	-0.01	0	0	0	0	0	0	0	0
1/1/2024 7:55	43402 BENT_T1	0	0	0	0	0	0	-1.94	-1.94	2	2	0	1800	1800	0
1/1/2024 8:01	52101 MEIS_T1	1	1	0	0.3	0.2	-0.1	0	0	0	0	0	0	0	0
1/1/2024 8:04	52101 MEIS_T1	1	1	0	0.3	0.2	-0.1	0	0	0	0	0	0	0	0
1/1/2024 8:12	40101 HUNT_T2	0	0	0	0	0	0	-0.49	-0.52	0	0	0	0	0	0
1/1/2024 8:16	40101 HUNT_T2	0	0	0	0	0	0	-0.49	-0.52	0	0	0	0	0	0
1/1/2024 8:17	13503 MCMI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1/1/2024 8:19	13503 MCMI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1/1/2024 8:22	49803 UNIV_T1	4	0	-4	0.1	0	-0.1	-1.19	-1.04	0	0	0	0	0	0
1/1/2024 8:33	55002 NEWP_T1	4	3	-1	0.5	0.3	-0.2	-0.22	-0.21	0	0	0	0	0	0
1/1/2024 8:36	67103 SPRI_T1	0	0	0	0	0	0	0.83	0.84	0	0	0	0	0	0
1/1/2024 8:46	58402 MORO_T1	0	0	0	0	0	0	-0.38	-0.35	2	2	0	1500	1500	0
1/1/2024 8:50	58402 MORO_T1	0	0	0	0	0	0	-0.38	-0.35	2	2	0	1500	1500	0
1/1/2024 9:00	58402 MORO_T1	0	0	0	0	0	0	-0.35	-0.33	2	2	0	1500	1500	0
1/1/2024 9:00	67402 WAKE_T2	0	0	0	0	0	0	-0.4	-0.4	1	1	0	600	600	0
1/1/2024 9:00	59201 THOM_T1	12	12	0	0.43	0.32	-0.11	0	0	0	0	0	0	0	0
1/1/2024 9:00	64204 KINZ_T1	1	1	0	0.5	0.7	0.2	0	0	0	0	0	0	0	0
1/1/2024 9:00	23401 HONE_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1/1/2024 9:00	49803 UNIV_T1	0	0	0	0	0	0	-1.05	-1.06	0	0	0	0	0	0
1/1/2024 9:00	40502 CRES_T2	8	8	0	0.59	0.46	-0.13	-0.24	-0.24	0	0	0	0	0	0
1/1/2024 9:00	40101 HUNT_T2	13	17	4	0.48	0.27	-0.21	-0.45	-0.43	0	0	0	0	0	0
1/1/2024 9:00	67503 WEWI_T2	0	0	0	0	0	0	-0.56	-0.19	0	0	0	0	0	0
1/1/2024 9:00	43304 WATS_T2	0	1	1	0	0	0	-0.31	-0.31	0	0	0	0	0	0
1/1/2024 9:00	46003 BERW_T2	1	1	0	4.9	4.1	-

1/1/2024 9:48	41902 REED_T1	0	0	0	0	0	0	0.93	0.84	0	0	0	0	0	0
1/1/2024 9:48	13503 MCMI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1/1/2024 9:50	41902 REED_T1	0	0	0	0	0	0	0.93	0.84	0	0	0	0	0	0
1/1/2024 9:51	56501 ROCK_T2	2	2	0	3.1	2.05	-1.05	0	-0.73	-0.86	0	0	0	0	0
1/1/2024 9:52	66504 SMAN_T2	0	0	0	0	0	0	-0.5	-0.5	0	0	0	0	0	0
1/1/2024 9:52	67402 WAKE_T2	0	0	0	0	0	0	-0.39	-0.39	1	1	0	600	600	0
1/1/2024 9:53	65901 SAKR_T2	1	1	0	8.8	8.5	-0.3	-1.22	-1.19	1	1	0	900	900	0
1/1/2024 9:53	66504 SMAN_T2	0	0	0	0	0	0	-1	-1	0	0	0	0	0	0
1/1/2024 9:54	40501 CRES_T2	6	6	0	0.22	0.27	0.05	0	0	0	0	0	0	0	0
1/1/2024 9:54	56802 BENV_T2	0	0	0	0	0	0	-1.34	-1.33	0	0	0	0	0	0
1/1/2024 9:56	56802 BENV_T2	0	0	0	0	0	0	-1.34	-1.33	0	0	0	0	0	0
1/1/2024 9:56	40502 CRES_T2	8	8	0	0.45	0.38	-0.07	-0.68	-0.63	0	0	0	0	0	0
1/1/2024 9:57	56802 BENV_T2	0	0	0	0	0	0	-1.34	-1.33	0	0	0	0	0	0
1/1/2024 9:58	40502 CRES_T2	8	8	0	0.45	0.38	-0.07	-1.82	-1.68	0	0	0	0	0	0
1/1/2024 9:58	56802 BENV_T2	0	0	0	0	0	0	-1.34	-1.33	0	0	0	0	0	0
1/1/2024 9:59	52404 GRPA_T2	1	8	7	1.1	0.46	-0.64	0	0	0	0	0	0	0	0
1/1/2024 10:00	40502 CRES_T2	8	8	0	0.38	0.4	0.02	-0.23	-0.21	0	0	0	0	0	0
1/1/2024 10:00	52404 GRPA_T2	8	5	-3	0.5	0.1	-0.4	0	0	0	0	0	0	0	0
1/1/2024 10:00	52402 GRPA_T2	6	8	2	0.6	0.75	0.15	-0.61	-0.65	0	0	0	0	0	0
1/1/2024 10:00	56802 BENV_T2	0	1	1	0	0.1	0.1	-1.34	-1.33	0	0	0	0	0	0
1/1/2024 10:00	52102 MEIS_T1	0	69	69	0	0.28	0.28	0	0	0	0	0	0	0	0
1/1/2024 10:02	52402 GRPA_T2	6	8	2	0.6	0.75	0.15	0	0	0	0	0	0	0	0
1/1/2024 10:02	40602 PIGR_T1	0	0	0	0	0	0	-0.57	-0.56	1	1	0	600	600	0
1/1/2024 10:02	40501 CRES_T2	6	6	0	0.23	0.28	0.05	0	0	0	0	0	0	0	0
1/1/2024 10:03	55002 NEWP_T1	2	3	1	0.2	0.23	0.03	-0.21	-0.21	0	0	0	0	0	0
1/1/2024 10:04	57401 SPAN_T1	0	0	0	0	0	0	-1.04	-1.04	1	1	0	600	600	0
1/1/2024 10:04	13302 ORVI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1/1/2024 10:04	55002 NEWP_T1	2	3	1	0.2	0.23	0.03	-0.42	-0.42	0	0	0	0	0	0
1/1/2024 10:04	64101 REFR_T1	0	0	0	0	0	0	0.15	0.15	0	0	0	0	0	0
1/1/2024 10:05	55002 NEWP_T1	2	3	1	0.2	0.23	0.03	-0.21	-0.21	0	0	0	0	0	0
1/1/2024 10:05	57401 SPAN_T1	0	0	0	0	0	0	-1.04	-1.04	1	1	0	600	600	0
1/1/2024 10:06	55002 NEWP_T1	2	3	1	0.2	0.23	0.03	-0.21	-0.21	0	0	0	0	0	0
1/1/2024 10:06	40602 PIGR_T1	0	0	0	0	0	0	-0.57	-0.56	1	1	0	600	600	0
1/1/2024 10:07	67402 WAKE_T2	0	0	0	0	0	0	-0.39	-0.39	1	1	0	600	600	0
1/1/2024 10:07	57401 SPAN_T1	0	0	0	0	0	0	-1.04	-1.04	1	1	0	600	600	0
1/1/2024 10:08	57401 SPAN_T1	0	0	0	0	0	0	-1.04	-1.04	1	1	0	600	600	0
1/1/2024 10:09	67402 WAKE_T2	0	0	0	0	0	0	-0.39	-0.39	1	1	0	600	600	0
1/1/2024 10:13	53901 HALI_T2	0	0	0	0	0	0	-0.81	-0.79	0	0	0	0	0	0
1/1/2024 10:14	67402 WAKE_T2	0	0	0	0	0	0	-0.39	-0.39	1	1	0	600	600	0
1/1/2024 10:14	40101 HUNT_T2	1	13	12	0.1	0.39	0.29	-0.49	-0.48	0	0	0	0	0	0
1/1/2024 10:14	53903 HALI_T2	1	2	1	0.1	1	0.9	0	0	0	0	0	0	0	0
1/1/2024 10:15	40902 JESH_T1	0	0	0	0	0	0	-0.63	-0.62	0	0	0	0	0	0
1/1/2024 10:15	52402 GRPA_T2	4	6	2	0.58	2.4	1.82	0	0	0	0	0	0	0	0
1/1/2024 10:15	53903 HALI_T2	2	2	0	1	0.65	-0.35	-0.1	-0.22	0	0	0	0	0	0
1/1/2024 10:16	13302 ORVI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1/1/2024 10:16	53901 HALI_T2	0	0	0	0	0	0	-0.54	-0.52	0	0	0	0	0	0
1/1/2024 10:16	43202 MVIL_T2	0	0	0	0	0	0	-0.57	-0.57	0	0	0	0	0	0
1/1/2024 10:17	13302 ORVI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1/1/2024 10:17	65001 NEFF_T2	0	0	0	0	0	0	-1.42	-1.41	1	1	0	1200	1200	0
1/1/2024 10:17	52403 GRPA_T2	9	26	17	1.14	0.51	-0.63	0.02	0.02	0	0	0	0	0	0
1/1/2024 10:17	52402 GRPA_T2	4	6	2	0.58	2.4	1.82	0	0	0	0	0	0	0	0
1/1/2024 10:18	46302 ROHR_T1	0	2	2	0	0.25	0.25	-0.4	-0.4	0	0	0	0	0	0
1/1/2024 10:18	56501 ROCK_T2	2	2	0	2.2	1.1	-1.1	-0.84	-0.82	0	0	0	0	0	0
1/1/2024 10:19	53903 HALI_T2	2	2	0	1	0.65	-0.35	-0.1	-0.22	0	0	0	0	0	0
1/1/2024 10:19	13302 ORVI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1/1/2024 10:19	43202 MVIL_T2	0	0	0	0	0	0	-0.57	-0.57	0	0	0	0	0	0
1/1/2024 10:20	57401 SPAN_T1	0	0	0	0	0	0	-2.08	-2.05	2	2	0	1200	1200	0
1/1/2024 10:21	43202 MVIL_T2	0	0	0	0	0	0	-0.57	-0.57	0	0	0	0	0	0
1/1/2024 10:21	56501 ROCK_T2	2	2	0	2.2	1.1	-1.1	-0.84	-0.82	0	0	0	0	0	0
1/1/2024 10:21	42701 AUGU_T1	1	2	1	0.7	0	-0.7	0	0	1	1	0	600	600	0
1/1/2024 10:21	46302 ROHR_T1	0	2	2	0	0.25	0.25	-0.4	-0.4	0	0	0	0	0	0
1/1/2024 10:22	42701 AUGU_T1	1	2	1	0.7	0	-0.7	0	0	1	1	0	600	600	0
1/1/2024 10:22	60501 NMAN_T2	3	3	0	2.73	2.83	0.1	0	0	0	0	0	0	0	0
1/1/2024 10:23	42701 AUGU_T1	1	2	1	0.7	0	-0.7	0	0	1	1	0	600	600	0
1/1/2024 10:25	67402 WAKE_T2	0	0	0	0	0	0	-0.39	-0.39	1	1	0	600	600	0
1/1/2024 10:25	13302 ORVI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1/1/2024 10:29	64201 KINZ_T1	61	230	169	0.2	0.28	0.08	-0.39	-0.72	2	2	0	1200	1200	0
1/1/2024 10:30	64201 KINZ_T1	139	332	193	0.24	0.65	0.41	-0.39	-0.72	2	2	0	1200	1200	0
1/1/2024 10:30	16402 MOPO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1/1/2024 10:30	67402 WAKE_T2	0	0	0	0	0	0	-0.39	-0.39	1	1	0	600	600	0
1/1/2024 10:31	13501 MCMI_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1/1/2024 10:31	64201 KINZ_T1	139	332	193	0.24	0.65	0.41	-0.39	-0.72	2	2	0	1200	1200	0
1/1/2024 10:32	40602 PIGR_T1	0	0	0	0	0	0	-0.55	-0.55	1	1	0	600	600	0
1/1/2024 10:32	13302 ORVI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1/1/2024 10:33	16402 MOPO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1/1/2024 10:33	58302 NOTT_T1	0	0	0	0	0	0	0.21	0.21	0	0	0	0	0	0
1/1/2024 10:34	55002 NEWP_T1	1	2	1	0.1	0.25	0.15	-0.21	-0.21	0	0	0	0	0	0
1/1/2024 10:34	43201 MVIL_T2	0	0	0	0	0	0	-1.26	-1.26	0	0	0	0	0	0
1/1/2024 10:35	13302 ORVI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1/1/2024 10:37	45402 WILO_T2	9	2	-7	0.1	0.1	0	-0.67	-0.67	0	0	0	0	0	0
1/1/2024 10:39	59101 WALK_T2	1	1	0	0	0	0	-0.55	-0.54	0	0	0	0	0	0
1/1/2024 10:40	27502 WEIS_T2	0	0	0	0	0	0	-0.45	-0.45	0	0	0	0	0	0
1/1/2024 10:42	40101 HUNT_T2	13	27	14	0.58	0.83	0.25	-0.43	-0.43	0	0	0	0	0	0
1/1/2024 10:42	46803 HEPB_T2	2	2	0	0.2	0.15	-0.05	0	0	0	0	0	0	0	0
1/1/2024 10:42	60201 ATGL_T2	0	0	0	0	0	0	0.28	0.19	0	0	0	0	0	0
1/1/2024 10:44	53903 HALI_T2	2	2	0	0.65	0.9	0.25	-0.22	-0.22	0	0	0	0	0	0
1/1/2024 10:45	59101 WALK_T1	2	2	0	0.1	0.2	0.1	0	0	0	0	0	0	0	0
1/1/2024 10:45	53903 HALI_T2	2	2	0	0.65	0.95	0.3	-0.22	-0.22	0	0	0	0	0	0
1/1/2024 10:46	64201 KINZ_T1	202	337	135	0.26	0.79	0.53	0	0	0	0	0	0	0	0
1/1/2024 10:48	64101 REFR_T1	0	0	0	0	0	0	0.16	0.16	0	0	0	0	0	0
1/1/2024 10:48	40601 PIGR_T1	9	1	-8	0.12	0.1	-0.02	0	0	0	0	0	0	0	0
1/1/2024 10:49	14403 SSLA_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1/1/2024 10:49	44901 SCOT_T2	0	0	0	0	0	0	-0.52	-0.53	0	0	0	0	0	0
1/1/2024 10:50	13302 ORVI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1/1/2024 10:50	64101 REFR_T1	0	0	0	0	0	0	0.31	0.32	0	0	0	0	0	0
1/1/2024 10:50	55001 NEWP_T1	1	0	-1	0.3	0	-0.3	0	0	0	0	0	0	0	0
1/1/2024 10:50	66703 STRA_T1	0	0	0	0	0	0	-0.12	-0.12	0	0	0	0	0	0
1/1/2024 10:51	64101 REFR_T1	0	0	0	0	0	0	0.31	0.32	0	0	0	0	0	0
1/1/2024 10:51	67503 WEWI_T2	0	0	0	0	0	0	-0.09	-0.1	0	0	0	0	0	0
1/1/2024 10:52	27502 WEIS_T2	0	0	0	0	0	0	-0.45	-0.45	0	0	0	0	0	0
1/1/2024 10:52	53903 HALI_T2	2	2	0	0.65	0.95	0.3	-0.22	-0.22	0	0	0	0	0	0
1/1/2024 10:52	56801 BENV_T1	11	18	7	0.27	0.54	0.27	-0.61	-0.61	1	1	0	600	600	0
1/1/2024 10:52	16302 ALPA_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1/1/2024 10:52	44901 SCOT_T2	0	0	0	0	0	0	-0.52	-0.53	0	0	0	0	0	0
1/1/2024 10:53	16302 ALPA_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1/1/2024 10:53	14403 SSLA_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1/1/2024 10:53	64101 REFR_T1	0	0	0	0	0	0	0.31	0.32	0	0	0	0	0	0
1/1/2024 10:53	43001 ALWD_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1/1/2024 10:54	51107 CARL_T1	0	0	0	0	0	0	-0.51	-0.49	0	0	0	0	0	0
1/1/2024 10:54	56801 BENV_T1	11	18	7	0.27	0.54	0.27	-1.21	-1.2	2	2	0	1200	1200	0
1/1/2024 10:54	29401 BELT_T1	2	4	2	0.1	0.13	0.03	0	0	1	1	0	900	900	0
1/1/2024 10:54	59101 WALK_T2	1	1	0	0	0	0	-0.54	-0.53	0	0	0	0	0	0
1/1/2024 10:55	64101 REFR_T1	0	0	0	0	0	0	0.16	0.16	0	0	0	0	0	0
1/1/2024 10:55	40703 FFLD_T1	4	4	0	0.8	0.83	0.03	0	0	0	0	0	0	0	0
1/1/2024 10:55	16302 ALPA_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1/1/2024 10:55	56801 BENV_T1	11	18	7	0.27	0.54	0.27	-0.61	-0.6	1	1	0	600	600	0
1/1/2024 10:56	29402 BELT_T1	1	1	0	6.8	7.3	0.5	0	0	0	0	0	0	0	0
1/1/2024 10:56	53501 EVIL_T2	0	1	1	0	0.2	0.2	-0.59	-0.59	0	0	0	0	0	0
1/1/2024 10:57	56801 BENV_T1	11	18	7	0.27	0.54	0.27	-1.21	-1.2	2	2	0	1200	1200	0
1/1/2024 10:57	51107 CARL_T1	0	0	0	0	0	0	-0.51	-0.49	0	0	0	0	0	0
1/1/2024 10:58	53501 EVIL_T2	0	1	1	0	0.2	0.2	-1.76	-1.76	0	0	0	0	0	0
1/1/2024 11:00	63404 HONY_T1	2	2	0	6.5	6.55	0.05	0	0	0	0	0	0	0	0
1/1/2024 11:00	52004 LING_T2	1	1	0	0.5	0.1	-0.4	0	0	0	0	0	0	0	0
1/1/2024 11:00	53501 EVIL_T2	1	1	0	0.2	0.1	-0.1	-0.59	-0.59	0	0	0	0	0	0
1/1/2024 11:01	52002 LING_T2	0	0	0	0	0	0	0	-0.01	0	0	0	0	0	0
1/1/2024 11:02	52004 LING_T2	1	1	0	0.5	0.1	-0.4	0	0	0	0	0	0	0	0
1/1/2024 11:03	42902 MIDD_T2	0	8	8	0	0	0	-1.26	-1.25	1	1	0	600	600	0
1/1/2024 11:04	40601 PIGR_T1	1	0	-1	0.1	0	-0.1	0	0	0	0	0	0	0	0
1/1/2024 11:04	44601 SALE_T2	0	0	0	0	0	0	-0.21	-0.21	0	0	0	0	0	0
1/1/2024 11:05	14403 SSLA_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1/1/2024 11:07	67605 WARW_T1	0	0	0	0	0	0	-0.89	-0.9	0	0	0	0	0	0
1/1/2024 11:07	15001 BLMO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1/1/2024 11:08	59101 WALK_T2	1	1	0	0	0	0	-0.54	-0.53	0	0	0	0	0	0
1/1/2024 11:08	56802 BENV_T2	0	0	0	0	0	0	-1.3	-1.29	0	0	0	0	0	0
1/1/2024 11:09	15001 BLMO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1/1/2024 11:10	61701 ELIZ_T1	1	2	1	5.4	5.9	0.5	0	0	0	0	0	0	0	0
1/1/2024 11:10	56802 BENV_T2	0	0	0	0	0	0	-2.58	-2.56	0	0	0	0	0	0
1/1/2024 11:11	56802 BENV_T2	0	0	0	0	0	0	-1.29	-1.28	0	0	0	0	0	0
1/1/2024 11:11	61703 ELIZ_T1	5	115	110	0.1	0.24	0.14	-6.64	-6.05	3	3	0	2700	2700	0
1/1/2024 11:11	45402 WILO_T2	2	0	-2	0.1	0	-0.1	-0.66	-0.66	0	0	0	0	0	0
1/1/2024 11:12	56802 BENV_T2	0	0	0	0	0	0	-2.58	-2.56	0	0	0	0	0	0
1/1/2024 11:12	53901 HALI_T2	0	0	0	0	0	0	-0.23	-0.25	0	0	0	0	0	0
1/1/2024 11:13	45702 LIND_T2	1	1	0	0.2	0.1	-0.1	-0.39	-0.39	0	0	0	0	0	0
1/1/2024 11:14	40101 HUNT_T2	18	91	73	0.73	0.72	-0.01	-0.42	-0.46	0	0	0	0	0	0
1/1/2024 11:15	46903 MNTG_T2	0	0	0	0	0	0	-0.14	-0.11	1	1	0	600	600	0
1/1/2024 11:16	39601 LNFD_T1	18	12	-6	1.58	0.36	-1.22	0	0	0	0	0	0	0	0
1/1/2024 11:16	40101 HUNT_T2	33	109	76	0.77	0.57	-0.2	-0.42	-0.46	0	0	0	0	0	0
1/1/2024 11:17	51003 NHAR_T1	107	131	24	0.16	0.17	0.01	0	0	0	0	0	0	0	0
1/1/2024 11:18	13302 ORVI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1/1/2024 11:18	40603 PIGR_T1	0	0	0	0	0	0	0.36	0.36	0	0	0	0	0	0
1/1/2024 11:18	40101 HUNT_T2	33	109	76	0.77	0.57	-0.2	-0.42	-0.46	0	0	0	0	0	0
1/1/2024 11:19	55002 NEWP_T1	1	4	3	0.3	0.48	0.18	-0.21	-0.21	0	0	0	0	0	0
1/1/2024 11:22	65604 QVIL_T2	0	0	0	0	0	0	0.41	0.41	0	0	0	0	0	0
1/1/2024 11:22	54203 PENN_T1	24	18	-6	0.88	1.24	0.36	0	0	0	0	0	0	0	0
1/1/2024 11:22	20402 ASHF_T2	1	0	-1	0.1	0	-0.1	0	0	0	0	0	0	0	0
1/1/2024 11:22	59101 WALK_T2	1	1	0	0	0	0	-0.53	-0.43	0	0	0	0	0	0
1/1/2024 11:23	58003 WCAR_T1	1	1	0	1	0.8	-0.2	0.69	0.69	0	0	0	0	0	0
1/1/2024 11:23	59101 WALK_T2	1	1	0	0	0	0	-0.53	-0.43	0	0	0	0	0	0
1/1/2024 11:24	59101 WALK_T2	1	1	0	0	0	0	-0.43	-0.47	0	0	0	0	0	0
1/1/2024 11:24	60803 BUCK_T1	0	0	0	0	0	0	-1.38	-1.39	1	1	0	600	600	0
1/1/2024 11:24	58001 WCAR_T1	4	3	-1	0.93	0.7	-0.23	0	0	0	0	0	0	0	0
1/1/2024 11:25	60803 BUCK_T1	0	0	0	0	0	0	-1.38	-1.39	1	1	0	600	600	0
1/1/2024 11:26	20401 ASHF_T2	2	1	-1	0.15	0.1	-0.05	0	0	0	0	0	0	0	0
1/1/2024 11:26	61801 EELI_T2	0	0	0	0	0	0	-0.96	-0.96	1	1	0	600	600	0
1/1/2024 11:26	67503 WEWI_T2	0	0	0	0	0	0	-0.32	-0.15	0	0	0	0	0	0
1/1/2024 11:27	61102 BERK_T5	0	0	0	0	0	0	0.58	0.58	1	1	0	300	300	0
1/1/2024 11:29	61801 EELI_T2	0	0	0	0	0	0	-1.92	-1.93	2	2	0	1200	1200	0
1/1/2024 11:30	61102 BERK_T5	0	0	0	0	0	0	0.58	0.58	1	1	0	300	300	0
1/1/2024 11:34	57404 SPAN_T2	0	0	0	0	0	0	-0.35	-0.37	1	1	0	1200	1200	0
1/1/2024 11:34	42902 MIDD_T2	8	0	-8	0.86	0	-0.86	-1.25	-1.24	1	1	0	600	600	0
1/1/2024 11:34	13302 ORVI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1/1/2024 11:35	57401 SPAN_T1	0	0	0	0	0	0	-1	-1	1	1	0	600	600	0
1/1/2024 11:35	57403 SPAN_T1	0	0	0	0	0	0	0.15	0.15	0	0	0	0	0	0
1/1/2024 11:36	14403 SSLA_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1/1/2024 11:36	57401 SPAN_T1	0	0	0	0	0	0	-2	-2	2	2	0	1200	1200	0
1/1/2024 11:37	67605 WARW_T1	0	0	0	0	0	0	-0.9	-0.9	0	0	0	0	0	0
1/1/2024 11:37	52501 PROG_T1	0	0	0	0	0	0	0.34	0.34	1	1	0	300	300	0
1/1/2024 11:38	59101 WALK_T2	1	1	0	0	0	0	-0.86	-0.93	0	0	0	0	0	0
1/1/2024 11:38	57403 SPAN_T1	0	0	0	0	0	0	0.15	0.15	0	0	0	0	0	0

Appendix C - Grid Benefits Achieved in Each Instance of Active Management

1/1/2024 12:57	59201 THOM_T1	11	9	-2	0.38	0.3	-0.08	0	0	0	0	0	0	0
1/1/2024 12:57	47001 HUGH_T2	0	0	0	0	0	0	-0.59	-0.59	0	0	0	0	0
1/1/2024 13:01	66302 MCGD_T2	0	0	0	0	0	0	-1.61	-1.6	1	1	0	600	600
1/1/2024 13:02	47001 HUGH_T2	0	0	0	0	0	0	-0.59	-0.59	0	0	0	0	0
1/1/2024 13:06	60305 TWVA_T2	0	0	0	0	0	0	-1.6	-1.63	2	2	0	2400	2400
1/1/2024 13:08	29401 BELT_T1	0	1	1	0	0.1	0.1	0	0	1	1	0	900	900
1/1/2024 13:08	67605 WARW_T1	0	0	0	0	0	0	-0.91	-0.91	0	0	0	0	0
1/1/2024 13:31	67605 WARW_T1	0	0	0	0	0	0	-0.91	-0.91	0	0	0	0	0
1/1/2024 13:38	65001 NEFF_T2	4	52	48	0.1	0.12	0.02	-1.39	-1.39	1	1	0	1200	1200
1/1/2024 13:53	14403 SSLA_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
1/1/2024 14:03	42503 MIDD_T2	0	0	0	0	0	0	-0.35	-0.35	0	0	0	0	0
1/1/2024 14:07	67402 WAKE_T2	0	0	0	0	0	0	-0.37	-0.37	1	1	0	600	600
1/1/2024 14:09	60305 TWVA_T2	0	0	0	0	0	0	-1.6	-1.6	2	2	0	2400	2400
1/1/2024 14:12	27101 GFLD_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
1/1/2024 14:15	64201 KINZ_T1	316	302	-14	0.65	0.42	-0.23	-0.79	-0.66	3	3	0	1500	1500
1/1/2024 14:16	57304 MOAL_T2	0	0	0	0	0	0	-0.28	-0.29	0	0	0	0	0
1/1/2024 14:18	64101 REFR_T1	0	0	0	0	0	0	0.19	0.2	0	0	0	0	0
1/1/2024 14:19	64101 REFR_T1	0	0	0	0	0	0	0.19	0.2	0	0	0	0	0
1/1/2024 14:20	57304 MOAL_T2	0	0	0	0	0	0	-0.28	-0.29	0	0	0	0	0
1/1/2024 14:22	64101 REFR_T1	0	0	0	0	0	0	0.39	0.39	0	0	0	0	0
1/1/2024 14:22	67402 WAKE_T2	0	0	0	0	0	0	-0.37	-0.37	1	1	0	600	600
1/1/2024 14:22	57401 SPAN_T1	0	0	0	0	0	0	-1.01	-1.01	1	1	0	600	600
1/1/2024 14:23	64101 REFR_T1	0	0	0	0	0	0	0.58	0.59	0	0	0	0	0
1/1/2024 14:23	57401 SPAN_T1	0	0	0	0	0	0	-1.01	-1.01	1	1	0	600	600
1/1/2024 14:24	60305 TWVA_T2	0	0	0	0	0	0	-1.6	-1.61	2	2	0	2400	2400
1/1/2024 14:24	57401 SPAN_T1	0	0	0	0	0	0	-1.01	-1.01	1	1	0	600	600
1/1/2024 14:26	67503 WEWI_T2	0	0	0	0	0	0	-0.1	-0.16	0	0	0	0	0
1/1/2024 14:31	64204 KINZ_T1	1	1	0	0.4	1	0.6	0	0	0	0	0	0	0
1/1/2024 14:35	57401 SPAN_T1	0	0	0	0	0	0	-1.01	-1.01	1	1	0	600	600
1/1/2024 14:36	66703 STRA_T1	0	0	0	0	0	0	-0.14	-0.14	0	0	0	0	0
1/1/2024 14:37	67402 WAKE_T2	0	0	0	0	0	0	-0.37	-0.37	1	1	0	600	600
1/1/2024 14:37	57401 SPAN_T1	0	0	0	0	0	0	-1.01	-1.01	1	1	0	600	600
1/1/2024 14:38	57401 SPAN_T1	0	0	0	0	0	0	-1.01	-1.01	1	1	0	600	600
1/1/2024 14:38	42503 ALTA_T2	0	0	0	0	0	0	-0.62	-0.61	0	0	0	0	0
1/1/2024 14:40	60305 TWVA_T2	0	0	0	0	0	0	-1.61	-1.61	2	2	0	2400	2400
1/1/2024 14:43	22102 EDEL_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
1/1/2024 14:44	27101 GFLD_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
1/1/2024 14:46	40902 JESH_T1	0	0	0	0	0	0	-0.88	-0.7	0	0	0	0	0
1/1/2024 14:47	52402 GRPA_T2	2	4	2	1.15	0.85	-0.3	0	0	0	0	0	0	0
1/1/2024 14:47	64204 KINZ_T1	1	1	0	1	0.9	-0.1	0	0	0	0	0	0	0
1/1/2024 14:49	64801 MONE_T2	0	0	0	0	0	0	0.42	0.42	0	0	0	0	0
1/1/2024 14:49	59402 RFLD_T2	0	0	0	0	0	0	-0.81	-0.81	1	1	0	450	450
1/1/2024 14:51	57401 SPAN_T1	0	0	0	0	0	0	-1.01	-1	1	1	0	600	600
1/1/2024 14:52	64101 REFR_T1	0	0	0	0	0	0	0.2	0.2	0	0	0	0	0
1/1/2024 14:54	56802 BENV_T2	0	1	1	0	0.1	0.1	-1.3	-1.3	0	0	0	0	0
1/1/2024 14:56	40502 CRES_T2	12	15	3	0.42	0.4	-0.02	0	0	0	0	0	0	0
1/1/2024 14:56	14403 SSLA_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
1/1/2024 14:57	60101 COCA_T1	0	0	0	0	0	0	0.69	0.73	0	0	0	0	0
1/1/2024 14:58	59202 THOM_T1	23	25	2	0.17	0.19	0.02	0	0	0	0	0	0	0
1/1/2024 14:58	60101 COCA_T1	0	0	0	0	0	0	0.34	0.37	0	0	0	0	0
1/1/2024 15:00	60101 COCA_T1	0	0	0	0	0	0	0.34	0.37	0	0	0	0	0
1/1/2024 15:02	41801 GOCI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
1/1/2024 15:03	64201 KINZ_T1	246	297	51	0.3	0.45	0.15	-0.74	-0.77	3	3	0	1500	1500
1/1/2024 15:05	56501 ROCK_T2	11	2	-9	0.19	0.4	0.21	-2.78	-2.79	0	0	0	0	0
1/1/2024 15:06	56501 ROCK_T2	11	2	-9	0.19	0.4	0.21	-1.39	-1.4	0	0	0	0	0
1/1/2024 15:07	56501 ROCK_T2	11	2	-9	0.19	0.4	0.21	-1.39	-1.4	0	0	0	0	0
1/1/2024 15:08	56501 ROCK_T2	11	2	-9	0.19	0.4	0.21	-2.78	-2.79	0	0	0	0	0
1/1/2024 15:09	56501 ROCK_T2	11	2	-9	0.19	0.4	0.21	-1.4	-1.4	0	0	0	0	0
1/1/2024 15:10	20403 ASHF_T2	0	0	0	0	0	0	0.58	0.57	0	0	0	0	0
1/1/2024 15:10	67503 WEWI_T2	0	1	1	0	0	0	-0.16	-0.06	0	0	0	0	0
1/1/2024 15:11	67503 WEWI_T2	0	1	1	0	0	0	-0.16	-0.06	0	0	0	0	0
1/1/2024 15:13	53903 HAU_T2	2	2	0	0.9	1	0.1	0	0	0	0	0	0	0
1/1/2024 15:13	60104 COCA_T2	4	3	-1	0.18	0.4	0.22	0	0	0	0	0	0	0
1/1/2024 15:15	52101 MEIS_T1	1	1	0	0.2	0.3	0.1	0	0	0	0	0	0	0
1/1/2024 15:18	64101 REFR_T1	0	0	0	0	0	0	0.2	0.2	0	0	0	0	0
1/1/2024 15:19	64101 REFR_T1	0	0	0	0	0	0	0.2	0.2	0	0	0	0	0
1/1/2024 15:21	44901 SCOT_T2	0	0	0	0	0	0	-0.57	-0.58	0	0	0	0	0
1/1/2024 15:21	64101 REFR_T1	0	0	0	0	0	0	0.2	0.2	0	0	0	0	0
1/1/2024 15:22	67503 WEWI_T2	0	1	1	0	1.5	1.5	0	0	0	0	0	0	0
1/1/2024 15:22	64101 REFR_T1	0	0	0	0	0	0	0.39	0.39	0	0	0	0	0
1/1/2024 15:24	67502 WEWI_T2	0	0	0	0	0	0	-1.3	-1.31	1	1	0	900	900
1/1/2024 15:26	67502 WEWI_T2	0	0	0	0	0	0	-1.3	-1.31	1	1	0	900	900
1/1/2024 15:30	59003 MIFF_T1	0	1	1	0	0.2	0.2	0.41	0.42	0	0	0	0	0
1/1/2024 15:32	59001 MIFF_T1	0	8	8	0	0.16	0.16	0	0	0	0	0	0	0
1/1/2024 15:32	64702 LITI_T2	0	0	0	0	0	0	-0.96	-0.96	0	0	0	0	0
1/1/2024 15:33	54201 PENN_T1	91	150	59	0.44	0.51	0.07	-1.3	-1.31	0	0	0	0	0
1/1/2024 15:33	64702 LITI_T2	0	0	0	0	0	0	-0.96	-0.96	0	0	0	0	0
1/1/2024 15:34	64702 LITI_T2	0	0	0	0	0	0	-0.96	-0.96	0	0	0	0	0
1/1/2024 15:36	59202 THOM_T1	36	227	191	0.27	0.31	0.04	0	0	0	0	0	0	0
1/1/2024 15:38	65901 SAKR_T2	1	1	0	8.8	9.2	0.4	0	0	0	0	0	0	0
1/1/2024 15:38	56802 BENV_T2	1	23	22	0.2	0.19	-0.01	-2.62	-2.67	0	0	0	0	0
1/1/2024 15:39	45501 DERR_T2	0	1	1	0	0	0	-0.12	-0.1	1	1	0	600	600
1/1/2024 15:40	56802 BENV_T2	1	23	22	0.2	0.19	-0.01	-1.33	-1.36	0	0	0	0	0
1/1/2024 15:41	56802 BENV_T2	1	23	22	0.2	0.19	-0.01	-2.67	-2.73	0	0	0	0	0
1/1/2024 15:43	64203 KINZ_T1	0	0	0	0	0	0	-0.03	-0.07	0	0	0	0	0
1/1/2024 15:43	45501 DERR_T2	0	1	1	0	0	0	-0.12	-0.1	1	1	0	600	600
1/1/2024 15:52	66503 SMAN_T2	0	12	12	0	0.16	0.16	0	0	0	0	0	0	0
1/1/2024 15:54	56802 BENV_T2	15	23	8	0.21	0.2	-0.01	-1.36	-1.25	0	0	0	0	0
1/1/2024 15:55	56802 BENV_T2	15	23	8	0.21	0.2	-0.01	-1.36	-1.25	0	0	0	0	0
1/1/2024 15:56	56802 BENV_T2	15	23	8	0.21	0.2	-0.01	-1.36	-1.25	0	0	0	0	0
1/1/2024 16:05	64101 REFR_T1	0	0	0	0	0	0	0.39	0.39	0	0	0	0	0
1/1/2024 16:07	64101 REFR_T1	0	0	0	0	0	0	0.39	0.39	0	0	0	0	0
1/1/2024 16:09	46001 BERW_T1	0	0	0	0	0	0	0.61	0.61	0	0	0	0	0
1/1/2024 16:11	46001 BERW_T1	0	0	0	0	0	0	0.61	0.61	0	0	0	0	0
1/1/2024 16:15	13503 MCMI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
1/1/2024 16:18	52102 MEIS_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
1/1/2024 16:39	56802 BENV_T2	9	4	-5	0.2	0.2	0	-2.52	-2.53	0	0	0	0	0
1/1/2024 16:41	56802 BENV_T2	9	4	-5	0.2	0.2	0	-2.52	-2.53	0	0	0	0	0
1/1/2024 16:43	56802 BENV_T2	9	4	-5	0.2	0.2	0	-1.26	-1.27	0	0	0	0	0
1/1/2024 18:02	55002 NEWP_T1	4	4	0	0.35	0.73	0.38	-0.23	-0.23	0	0	0	0	0
1/1/2024 18:02	13503 MCMI_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
1/1/2024 18:04	13503 MCMI_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
1/1/2024 18:04	59402 RFLD_T2	0	0	0	0	0	0	-0.81	-0.81	1	1	0	450	450
1/1/2024 18:07	51003 NHAR_T1	6	41	35	0.2	0.22	0.02	0	0	0	0	0	0	0
1/1/2024 18:16	65001 NEFF_T2	0	0	0	0	0	0	-1.4	-1.41	1	1	0	1200	1200
1/1/2024 18:19	55002 NEWP_T1	3	4	1	0.27	0.73	0.46	-0.23	-0.23	0	0	0	0	0
1/1/2024 18:20	52403 GRPA_T2	5	6	1	0.52	0.33	-0.19	0	0	0	0	0	0	0
1/1/2024 18:22	41801 GOCI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
1/1/2024 18:22	46903 MNTG_T2	0	0	0	0	0	0	-0.28	-0.28	1	1	0	600	600
1/1/2024 18:23	52403 GRPA_T2	5	6	1	0.52	0.33	-0.19	0	0	0	0	0	0	0
1/1/2024 18:23	16402 MOPO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
1/1/2024 18:23	56801 BENV_T1	8	14	6	0.53	0.79	0.26	-0.6	-0.6	1	1	0	600	600
1/1/2024 18:23	57303 MOAL_T2	1	1	0	7.8	7.8	0	0	0	0	0	0	0	0
1/1/2024 18:23	13302 ORVI_T2	0	0	0	1	0	0	0	0	0	0	0	0	0
1/1/2024 18:27	55002 NEWP_T1	3	4	1	0.27	0.73	0.46	-0.23	-0.23	0	0	0	0	0
1/1/2024 18:27	57401 SPAN_T1	0	0	0	0	0	0	-0.97	-0.98	1	1	0	600	600
1/1/2024 18:27	57403 SPAN_T1	0	0	0	0	0	0	0.13	0.13	0	0	0	0	0
1/1/2024 18:28	57401 SPAN_T1	0	0	0	0	0	0	-0.97	-0.98	1	1	0	600	600
1/1/2024 18:28	40101 HUNT_T2	125	49	-76	0.5	0.42	-0.08	-0.44	-0.45	0	0	0	0	0
1/1/2024 18:28	13302 ORVI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
1/1/2024 18:28	40501 CRES_T2	9	9	0	0.46	0.4	-0.06	0	0	0	0	0	0	0
1/1/2024 18:28	29401 BELT_T1	25	46	21	0.18	0.3	0.12	0	0	0	0	0	0	0
1/1/2024 18:28	40603 PIGR_T1	0	0	0	0	0	0	0.36	0.34	0	0	0	0	0
1/1/2024 18:28	22102 EDEL_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
1/1/2024 18:29	55002 NEWP_T1	3	4	1	0.27	0.73	0.46	-0.23	-0.23	0	0	0	0	0
1/1/2024 18:29	46901 MNTG_T2	0	0	0	0	0	0	0.85	0.84	0	0	0	0	0
1/1/2024 18:30	40501 CRES_T2	9	5	-4	0.4	0.18	-0.22	0	0	0	0	0	0	0
1/1/2024 18:30	43001 ALWD_T1	0	1	1	0	0.1	0.1	0	0	0	0	0	0	0
1/1/2024 18:30	56801 BENV_T1	9	16	7	0.3	0.76	0.46	-0.6	-0.6	1	1	0	600	600
1/1/2024 18:31	13302 ORVI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
1/1/2024 18:31	57401 SPAN_T1	0	0	0	0	0	0	-1.94	-1.96	2	2	0	1200	1200
1/1/2024 18:31	51107 CARL_T1	0	3	3	0	0.1	0.1	-0.33	-0.37	0	0	0	0	0
1/1/2024 18:32	27502 WEIS_T2	1	1	0	0.2	0	-0.2	-0.38	-0.42	0	0	0	0	0
1/1/2024 18:32	40501 CRES_T2	9	5	-4	0.4	0.18	-0.22	0	0	0	0	0	0	0
1/1/2024 18:32	51107 CARL_T1	0	3	3	0	0.1	0.1	-0.33	-0.37	0	0	0	0	0
1/1/2024 18:32	16402 MOPO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
1/1/2024 18:33	64204 KINZ_T1	1	1	0	1	1.1	0.1	0	0	0	0	0	0	0
1/1/2024 18:33	57404 SPAN_T2	0	0	0	0	0	0	-0.38	-0.4	1	1	0	1200	1200
1/1/2024 18:33	57401 SPAN_T1	0	0	0	0	0	0	-0.97	-0.98	1	1	0	600	600
1/1/2024 18:34	40502 CRES_T2	20	8	-12	0.42	0.31	-0.11	-0.79	-0.18	0	0	0	0	0
1/1/2024 18:34	40602 PIGR_T1	0	1	1	0	0	0	-0.55	-0.55	1	1	0	600	600
1/1/2024 18:35	13302 ORVI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
1/1/2024 18:35	27101 GFLD_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
1/1/2024 18:35	52402 GRPA_T2	4	5	1	0.8	0.78	-0.02	0	0	0	0	0	0	0
1/1/2024 18:36	44901 SCOT_T2	0	0	0	0	0	0	-0.62	-0.62	0	0	0	0	0
1/1/2024 18:36	40502 CRES_T2	20	8	-12	0.42	0.31	-0.11	-1.57	-0.36	0	0	0	0	0
1/1/2024 18:36	13501 MCMI_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
1/1/2024 18:36	57401 SPAN_T1	0	0	0	0	0	0	-0.97	-0.98	1	1	0	600	600
1/1/2024 18:36	13503 MCMI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
1/1/2024 18:36	40101 HUNT_T2	35	58	23	0.51	0.44	-0.07	-0.44	-0.45	0	0	0	0	0
1/1/2024 18:37	67503 WEWI_T2	1	1	0	1.2	0.8	-0.4	0	0	0	0	0	0	0
1/1/2024 18:37	55002 NEWP_T1	4	4	0	0.73	0.7	-0.03	-0.23	-0.23	0	0	0	0	0
1/1/2024 18:37	64702 LITI_T2	0	0	0	0	0	0	-0.95	-0.95	0	0	0	0	0
1/1/2024 18:37	13503 MCMI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
1/1/2024 18:38	29402 BELT_T1	1	1	0	7.2	7.5	0.3	0	0	0	0	0	0	0
1/1/2024 18:38	40502 CRES_T2	20	8	-12	0.42	0.31	-0.11	-0.18	-0.19	0	0	0	0	0
1/1/2024 18:38	67503 WEWI_T2	1	1	0	1.2	0.8	-0.4	-0.02	-0.03	0	0	0	0	0
1/1/2024 18:38	29401 BELT_T1	39	45	6	0.22	0.3	0.08	0	0	1	1	0	900	900
1/1/2024 18:38	64201 KINZ_T1	36	222	186	0.12	0.23	0.11	-0.66	-0.68	3	3	0	1500	1500
1/1/2024 18:38	56801 BENV_T1	9	16	7	0.3	0.76	0.46	-0.6	-0.6	1	1	0	600	600
1/1/2024 18:39	64702 LITI_T2	0	0	0	0	0	0	-0.95	-0.95	0	0	0	0	0
1/1/2024 18:39	52402 GRPA_T2	4	5	1	0.8	0.78	-0.02	-0.71	-0.74	0	0	0	0	0
1/1/2024 18:39	56801 BENV_T1	9	16	7	0.3	0.76	0.46	-0.6	-0.6	1	1	0	600	600
1/1/2024 18:39	57404 SPAN_T2	0	0	0	0	0	0	-0.4	-0.42	1	1	0	1200	1200
1/1/2024 18:40	15001 BLMO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
1/1/2024 18:40	40501 CRES_T2	9	5	-4	0.4	0.18	-0.22	0	0	0	0	0	0	0
1/1/2024 18:40	40101 HUNT_T2	35	58	23	0.51	0.44	-0.07	-0.45	-0.46	0	0	0	0	0
1/1/2024 18:40	27502 WEIS_T2	1	1	0	0.2	0	-0.2	-0.42	-0.45	0	0	0	0	0
1/1/2024 18:40	16302 ALPA_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
1/1/2024 18:41	52102 MEIS_T1	3	0	-3	0.1	0	-0.1	0	0	0	0	0	0	0
1/1/2024 18:41	56802 BENV_T2	0	0	0	0	0	0	-1.3	-1.3	0	0	0	0	0
1/1/2024 18:41	16302 ALPA_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
1/1/2024 18:41	67502 WEWI_T2	0	0	0	0	0	0	-1.29	-1.31	1	1	0	900	900
1/1/2024 18:41	67503 WEWI_T2	1	1	0	1.2	0.8	-0.4	-0.01	-0.02	0	0	0	0	0
1/1/2024 18:41	45501 DERR_T2	0	0	0	0	0	0	0.05	0.04	1	1	0	600	600
1/1/2024 18:41	42701 AUGU_T1	2	2	0	0.25	0.3	0.05	0	0	1	1	0	600	600
1/1/2024 18:42	60305 TWVA_T2	0	0	0	0	0	0	-1.7	-1.7	2	2	0	2400	2400
1/1/2024 18:42	40703 FFLD_T1	4	4	0	0.68	0.75	0.07	0	0	0	0	0	0	0
1/1/2024 18:42	40502 CRES_T2	20	8	-12	0.42	0.31	-0.11	-0.36	-0.38	0	0	0	0	0
1/1/2024 18:42	48302 ORWI_T2	2	2	0	0.4	0.35	-0.05	0.07	0.06	0	0	0	0	0
1/1/2024 18:42	41902 REED_T1	0	3	3	0	0.5	0.5	0.91	0.92	0	0	0	0	0
1/1/2024 18:42	64201 KINZ_T1	36	222	186	0.12	0.23	0.11	-0.68	-0.71	3	3	0	1500	1500
1/1/2024 18:42	41801 GOCI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
1/1/2024 18:42	40902 JESH_T1	0	0	0	0	0	0	-0.69	-0.69	0	0	0	0	0
1/1/2024 18:42	52004 LING_T2	1	1	0	0.7	0.6	-0.1	0	0	0	0	0	0	0
1/1/2024 18:42	59101 WALK_T2	1	1	0	0	0	0	-0.46	-0.47	0	0	0	0	0
1/1/2024 18:42	49803 UNIV_T1	0	0	0	0	0	0	-1.11	-1.12	0	0	0	0	0
1/1/2024 18:42	42503 ALTA_T2	0	0	0	0

1/1/2024 18:46	44901 SCOT_T2	0	0	0	0	0	0	-0.62	-0.62	0	0	0	0	0	0
1/1/2024 18:46	29402 BELT_T1	1	1	0	7.5	7.3	-0.2	0	0	0	0	0	0	0	0
1/1/2024 18:46	14403 SSLA_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1/1/2024 18:47	57303 MOAL_T2	1	1	0	7.8	7.9	0.1	0	0	0	0	0	0	0	0
1/1/2024 18:47	56802 BENV_T2	0	0	0	0	0	0	-2.6	-2.61	0	0	0	0	0	0
1/1/2024 18:47	66503 SMAN_T2	6	6	0	0.2	0.2	0	0	0	0	0	0	0	0	0
1/1/2024 18:47	67402 WAKE_T2	0	0	0	0	0	0	-0.39	-0.39	1	1	0	600	600	0
1/1/2024 18:47	42701 AUGU_T1	1	3	-2	0.3	0.1	-0.2	0	0	1	1	0	600	600	0
1/1/2024 18:47	56501 ROCK_T2	27	60	33	0.15	0.17	0.02	-1.4	-1.4	0	0	0	0	0	0
1/1/2024 18:47	65901 SAKR_T2	1	1	0	9.2	9	-0.2	-1.31	-1.33	1	1	0	900	900	0
1/1/2024 18:47	56801 BENV_T1	14	18	4	0.74	0.85	0.11	-1.2	-1.2	2	2	0	1200	1200	0
1/1/2024 18:47	45402 WBLO_T2	0	0	0	0	0	0	-0.65	-0.66	0	0	0	0	0	0
1/1/2024 18:48	63401 HONY_T1	0	0	0	0	0	0	-0.08	-0.1	0	0	0	0	0	0
1/1/2024 18:48	53901 HALI_T2	15	22	7	0.12	0.15	0.03	-0.33	-0.33	0	0	0	0	0	0
1/1/2024 18:48	60103 COCA_T2	0	0	0	0	0	0	-0.96	-1.02	1	1	0	900	900	0
1/1/2024 18:48	52002 LING_T2	0	0	0	0	0	0	-0.01	-0.01	0	0	0	0	0	0
1/1/2024 18:48	59302 MCAL_T1	1	1	0	0.3	0.2	-0.1	-0.48	-0.48	1	1	0	600	600	0
1/1/2024 18:48	60101 COCA_T1	0	0	0	0	0	0	0.67	0.68	0	0	0	0	0	0
1/1/2024 18:48	46001 BERW_T1	0	0	0	0	0	0	0.66	0.66	0	0	0	0	0	0
1/1/2024 18:48	40101 HUNT_T2	44	61	17	0.45	0.23	-0.22	-0.45	-0.46	0	0	0	0	0	0
1/1/2024 18:48	56801 BENV_T1	14	18	4	0.74	0.85	0.11	-1.2	-1.2	2	2	0	1200	1200	0
1/1/2024 18:48	59101 WALK_T2	1	1	0	0	0	0	-0.46	-0.47	0	0	0	0	0	0
1/1/2024 18:48	52501 PROG_T1	0	0	0	0	0	0	0.37	0.37	1	1	0	300	300	0
1/1/2024 18:48	13302 ORVI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1/1/2024 18:48	16302 ALPA_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1/1/2024 18:48	40501 CRES_T2	5	3	-2	0.18	0.17	-0.01	0	0	0	0	0	0	0	0
1/1/2024 18:48	52102 MEIS_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1/1/2024 18:48	44601 SALE_T2	0	0	0	0	0	0	-0.24	-0.24	0	0	0	0	0	0
1/1/2024 18:49	67503 WEWI_T2	1	1	0	2	0.8	-1.2	0	0	0	0	0	0	0	0
1/1/2024 18:49	56802 BENV_T2	0	0	0	0	0	0	-2.6	-2.61	0	0	0	0	0	0
1/1/2024 18:49	53903 HALI_T2	1	2	1	0.3	1.25	0.95	-0.24	-0.24	0	0	0	0	0	0
1/1/2024 18:49	46301 ROHR_T1	1	2	-1	0.1	0	-0.1	0	0	0	0	0	0	0	0
1/1/2024 18:49	60101 COCA_T1	0	0	0	0	0	0	0.34	0.34	0	0	0	0	0	0
1/1/2024 18:49	53501 EVIL_T2	2	1	-1	0.45	0.4	-0.05	-0.57	-0.57	0	0	0	0	0	0
1/1/2024 18:50	43202 MVIL_T2	0	0	0	0	0	0	-0.66	-0.66	0	0	0	0	0	0
1/1/2024 18:50	53601 DALM_T2	1	0	-1	0.1	0	-0.1	-0.11	-0.11	0	0	0	0	0	0
1/1/2024 18:50	56802 BENV_T2	0	0	0	0	0	0	-2.6	-2.61	0	0	0	0	0	0
1/1/2024 18:50	61801 EELI_T2	0	1	1	0	0	0	-1.66	-1.68	2	2	0	1200	1200	0
1/1/2024 18:50	67502 WEWI_T2	0	0	0	0	0	0	-1.29	-1.31	1	1	0	900	900	0
1/1/2024 18:50	61102 BERK_T5	0	0	0	0	0	0	0.82	0.76	1	1	0	300	300	0
1/1/2024 18:50	59101 WALK_T2	1	1	0	0	0	0	-0.46	-0.47	0	0	0	0	0	0
1/1/2024 18:50	52403 GRPA_T2	4	2	-2	0.75	0	-0.75	0	0	0	0	0	0	0	0
1/1/2024 18:50	44301 BEAV_T2	0	0	0	0	0	0	-0.99	-1	1	1	0	600	600	0
1/1/2024 18:50	56501 ROCK_T2	27	60	33	0.15	0.17	0.02	-2.8	-2.81	0	0	0	0	0	0
1/1/2024 18:50	46801 HEPB_T2	19	21	2	0.21	0.26	0.05	0.63	0.62	0	0	0	0	0	0
1/1/2024 18:50	20402 ASHF_T2	1	1	0	0.3	0.1	-0.2	0	0	0	0	0	0	0	0
1/1/2024 18:51	60502 NMAN_T2	0	0	0	0	0	0	-0.43	-0.44	0	0	0	0	0	0
1/1/2024 18:51	60803 BUCK_T1	0	0	0	0	0	0	-1.36	-1.37	1	1	0	600	600	0
1/1/2024 18:51	43402 BENT_T1	0	0	0	0	0	0	-0.94	-0.94	1	1	0	900	900	0
1/1/2024 18:51	64801 MONE_T2	0	0	0	0	0	0	0.45	0.47	0	0	0	0	0	0
1/1/2024 18:51	67503 WEWI_T2	1	1	0	2	0.8	-1.2	-0.03	-0.02	0	0	0	0	0	0
1/1/2024 18:51	56801 BENV_T1	14	18	4	0.74	0.85	0.11	-0.6	-0.6	1	1	0	600	600	0
1/1/2024 18:51	13501 MCMI_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1/1/2024 18:52	67503 WEWI_T2	1	1	0	2	0.8	-1.2	-0.03	-0.02	0	0	0	0	0	0
1/1/2024 18:52	41801 GOCI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1/1/2024 18:52	56501 ROCK_T2	27	60	33	0.15	0.17	0.02	-1.4	-1.4	0	0	0	0	0	0
1/1/2024 18:52	40502 CRES_T2	8	14	6	0.31	0.2	-0.11	0	0	0	0	0	0	0	0
1/1/2024 18:52	52402 GRPA_T2	4	5	1	0.78	0.78	0	0	0	0	0	0	0	0	0
1/1/2024 18:52	67103 SPRI_T1	0	0	0	0	0	0	0.43	0.43	0	0	0	0	0	0
1/1/2024 18:52	14403 SSLA_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1/1/2024 18:52	57401 SPAN_T1	0	0	0	0	0	0	-0.98	-0.98	1	1	0	600	600	0
1/1/2024 18:52	64101 REFR_T1	0	0	0	0	0	0	0.14	0.13	0	0	0	0	0	0
1/1/2024 18:53	59101 WALK_T2	1	1	0	0	0	0	-0.46	-0.47	0	0	0	0	0	0
1/1/2024 18:53	56802 BENV_T2	0	0	0	0	0	0	-1.3	-1.3	0	0	0	0	0	0
1/1/2024 18:53	64101 REFR_T1	0	0	0	0	0	0	0.41	0.39	0	0	0	0	0	0
1/1/2024 18:53	53903 HALI_T2	1	2	1	0.3	1.25	0.95	0	0	0	0	0	0	0	0
1/1/2024 18:53	56501 ROCK_T2	27	60	33	0.15	0.17	0.02	-5.6	-5.61	0	0	0	0	0	0
1/1/2024 18:53	58402 MORO_T1	0	0	0	0	0	0	-0.38	-0.41	2	2	0	1500	1500	0
1/1/2024 18:53	43202 MVIL_T2	0	0	0	0	0	0	-0.66	-0.66	0	0	0	0	0	0
1/1/2024 18:54	60201 ATGL_T2	0	0	0	0	0	0	0.21	0.18	0	0	0	0	0	0
1/1/2024 18:54	40101 HUNT_T2	44	61	17	0.45	0.23	-0.22	-0.46	-0.39	0	0	0	0	0	0
1/1/2024 18:54	56802 BENV_T2	0	0	0	0	0	0	-1.3	-1.31	0	0	0	0	0	0
1/1/2024 18:55	56802 BENV_T2	0	0	0	0	0	0	-1.3	-1.31	0	0	0	0	0	0
1/1/2024 18:55	56801 BENV_T1	14	18	4	0.74	0.85	0.11	-1.8	-1.8	3	3	0	1800	1800	0
1/1/2024 18:55	49803 UNIV_T1	0	0	0	0	0	0	-1.12	-1.13	0	0	0	0	0	0
1/1/2024 18:55	61102 BERK_T5	0	0	0	0	0	0	0.76	0.84	1	1	0	300	300	0
1/1/2024 18:55	53903 HALI_T2	1	2	1	0.3	1.25	0.95	0	0	0	0	0	0	0	0
1/1/2024 18:55	56501 ROCK_T2	27	60	33	0.15	0.17	0.02	-1.4	-1.41	0	0	0	0	0	0
1/1/2024 18:56	43401 BENT_T1	1	0	-1	0.3	0	-0.3	0	0	0	0	0	0	0	0
1/1/2024 18:56	53501 EVIL_T2	2	1	-1	0.45	0.4	-0.05	-0.57	-0.57	0	0	0	0	0	0
1/1/2024 18:56	53901 HALI_T2	15	22	7	0.12	0.15	0.03	-0.33	-0.29	0	0	0	0	0	0
1/1/2024 18:56	64101 REFR_T1	0	0	0	0	0	0	0.13	0.12	0	0	0	0	0	0
1/1/2024 18:56	56501 ROCK_T2	27	60	33	0.15	0.17	0.02	-1.4	-1.41	0	0	0	0	0	0
1/1/2024 18:57	14403 SSLA_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1/1/2024 18:57	65902 SAKR_T2	0	0	0	0	0	0	-0.38	-0.37	1	1	0	300	300	0
1/1/2024 18:57	46001 BERW_T1	0	0	0	0	0	0	0.66	0.66	0	0	0	0	0	0
1/1/2024 18:57	56801 BENV_T1	14	18	4	0.74	0.85	0.11	-0.6	-0.6	1	1	0	600	600	0
1/1/2024 18:57	53901 HALI_T2	15	22	7	0.12	0.15	0.03	-0.65	-0.58	0	0	0	0	0	0
1/1/2024 18:58	53501 EVIL_T2	2	1	-1	0.45	0.4	-0.05	-0.57	-0.57	0	0	0	0	0	0
1/1/2024 18:58	52002 LING_T2	0	0	0	0	0	0	-0.01	-0.02	0	0	0	0	0	0
1/1/2024 18:58	60101 COCA_T1	0	0	0	0	0	0	0.34	0.38	0	0	0	0	0	0
1/1/2024 18:58	45402 WBLO_T2	0	0	0	0	0	0	-0.66	-0.67	0	0	0	0	0	0
1/1/2024 18:58	46302 ROHR_T1	2	2	0	2.3	0.5	-1.8	-0.4	-0.4	0	0	0	0	0	0
1/1/2024 18:58	43201 MVIL_T2	0	0	0	0	0	0	-1.29	-1.29	0	0	0	0	0	0
1/1/2024 18:58	66703 STRA_T1	2	2	0	0.65	0.25	-0.4	-0.27	-0.28	0	0	0	0	0	0
1/1/2024 18:59	52004 LING_T2	1	1	0	0.7	0.6	-0.1	0	0	0	0	0	0	0	0
1/1/2024 18:59	43202 MVIL_T2	0	0	0	0	0	0	-0.66	-0.66	0	0	0	0	0	0
1/1/2024 18:59	61801 EELI_T2	0	1	1	0	0	0	-0.84	-0.84	1	1	0	600	600	0
1/1/2024 19:00	67901 WNHO_T2	3	5	2	0.2	0.18	-0.02	-0.72	-0.73	0	0	0	0	0	0
1/1/2024 19:00	64101 REFR_T1	0	0	0	0	0	0	0.13	0.12	0	0	0	0	0	0
1/1/2024 19:00	53901 HALI_T2	0	23	23	0	0.15	0.15	0	0	0	0	0	0	0	0
1/1/2024 19:00	56802 BENV_T2	0	1	1	0	0.1	0.1	-1.3	-1.31	0	0	0	0	0	0
1/1/2024 19:00	56801 BENV_T1	16	20	4	0.66	0.79	0.13	-0.6	-0.6	1	1	0	600	600	0
1/1/2024 19:01	53901 HALI_T2	0	23	23	0	0.15	0.15	-0.33	-0.29	0	0	0	0	0	0
1/1/2024 19:01	52102 MEIS_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1/1/2024 19:02	52402 GRPA_T2	4	4	0	0.73	0.78	0.05	0	0	0	0	0	0	0	0
1/1/2024 19:03	52102 MEIS_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1/1/2024 19:04	53903 HALI_T2	2	2	0	1.25	1.25	0	-0.24	-0.24	0	0	0	0	0	0
1/1/2024 19:05	52403 GRPA_T2	1	0	-1	0.7	0	-0.7	0.09	0.08	0	0	0	0	0	0
1/1/2024 19:09	64101 REFR_T1	0	0	0	0	0	0	0.12	0.12	0	0	0	0	0	0
1/1/2024 19:14	65001 NEFF_T2	0	0	0	0	0	0	-1.41	-1.41	1	1	0	1200	1200	0
1/1/2024 19:21	43402 BENT_T1	0	0	0	0	0	0	-0.94	-0.94	1	1	0	900	900	0
1/1/2024 19:31	57403 SPAN_T1	0	0	0	0	0	0	0.13	0.13	0	0	0	0	0	0
1/1/2024 20:11	65001 NEFF_T2	8	30	22	0.1	0.13	0.03	-1.41	-1.42	1	1	0	1200	1200	0
1/1/2024 20:27	65001 NEFF_T2	18	103	85	0.13	0.16	0.03	-1.42	-1.42	1	1	0	1200	1200	0
1/1/2024 21:01	67605 WARW_T1	0	8	8	0	0.16	0.16	-0.93	-0.95	0	0	0	0	0	0
1/1/2024 22:12	65001 NEFF_T2	237	2	-235	0.36	0.1	-0.26	-1.45	-1.45	1	1	0	1200	1200	0
1/1/2024 22:28	65001 NEFF_T2	0	6	6	0	0.15	0.15	-1.45	-1.46	1	1	0	1200	1200	0
1/1/2024 22:29	59202 THOM_T1	47	157	110	0.26	0.22	-0.04	0	0	0	0	0	0	0	0
1/1/2024 23:16	64203 KINZ_T1	0	0	0	0	0	0	-0.09	-0.1	0	0	0	0	0	0
1/1/2024 23:20	65001 NEFF_T2	4	8	4	0.13	0.15	0.02	-1.48	-1.48	1	1	0	1200	1200	0
1/2/2024 0:27	52403 GRPA_T2	0	0	0	0	0	0	-0.07	-0.08	0	0	0	0	0	0
1/2/2024 1:23	65001 NEFF_T2	9	9	0	0.16	0.16	0	-1.53	-1.54	1	1	0	1200	1200	0
1/2/2024 2:57	59202 THOM_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1/2/2024 3:50	13501 MCMI_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1/2/2024 5:30	59202 THOM_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1/2/2024 7:53	43402 BENT_T1	0	0	0	0	0	0	-1.51	-1.51	2	2	0	1500	1500	0
1/2/2024 7:54	43402 BENT_T1	0	0	0	0	0	0	-1.51	-1.51	2	2	0	1500	1500	0
1/2/2024 7:54	45501 DERR_T2	1	0	-1	0.5	0	-0.5	1.68	1.83	4	4	0	3600	3600	0
1/2/2024 8:04	40101 HUNT_T2	20	95	75	0.37	0.49	0.12	-0.21	-0.2	0	0	0	0	0	0
1/2/2024 8:12	20601 GRWO_T2	2	0	-2	0.2	0	-0.2	0.36	0.34	0	0	0	0	0	0
1/2/2024 8:17	46903 MNTG_T2	0	0	0	0	0	0	0.22	0.22	1	1	0	600	600	0
1/2/2024 8:32	55002 NEWP_T1	6	0	-6	0.58	0.72	0.14	-0.46	-0.44	0	0	0	0	0	0
1/2/2024 8:34	67105 SPRI_T1	0	1	1	0	0	0	0	0	0	0	0	0	0	0
1/2/2024 8:35	55002 NEWP_T1	6	6	0	0.58	0.72	0.14	-0.3	-0.29	0	0	0	0	0	0
1/2/2024 8:37	49803 UNIV_T1	0	2	2	0	0	0	-1.02	-1.02	0	0	0	0	0	0
1/2/2024 8:39	53601 DALM_T2	0	0	0	0	0	0	-0.41	-0.42	1	1	0	600	600	0
1/2/2024 8:42	65002 NEFF_T2	0	1	1	0	0	0	0	0	0	0	0	0	0	0
1/2/2024 8:45	46903 MNTG_T2	0	4	4	0	0	0	0	0	0	0	0	0	0	0
1/2/2024 9:00	52401 GRPA_T2	0	1	1	0	0.4	0.4	0	0	0	0	0	0	0	0
1/2/2024 9:00	59201 THOM_T1	2	0	-2	2.2	0	-2.2	0	0	0	0	0	0	0	0
1/2/2024 9:00	57401 SPAN_T1	49	170	121	0.31	0.33	0.02	0	0	0	0	0	0	0	0
1/2/2024 9:00	23401 HONE_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1/2/2024 9:00	27503 WEIS_T2	6	0	-6	1.6	0	-1.6	0	0	0	0	0	0	0	0
1/2/2024 9:00	46901 MNTG_T2	0	0	0	0	0	0	1.37	1.38	0	0	0	0	0	0
1/2/2024 9:00	46903 MNTG_T2	4	0	-4	1.9	0	-1.9	0.24	0.09	1	1	0	600	600	0
1/2/2024 9:00	41902 REED_T1	14	15	1	4.09	0.74	-3.35	1.35	1.22	0	0	0	0	0	0
1/2/2024 9:00	67503 WEWI_T2	1	0	-1	2.8	0	-2.8	-0.05	-0.1	0	0	0	0	0	0
1/2/2024 9:00	67402 WAKE_T2	0	0	0	0	0	0	0.13	0.15	1	1	0	600	600	0
1/2/2024 9:00	43001 ALWD_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1/2/2024 9:00	59101 WALK_T2	11	2	-9	2.99	0	-2.99	0	0	0	0	0	0	0	0
1/2/2024 9:00	42903 MIDD_T2	6	0	-6	2.85	0	-2.85	0	0	0	0	0	0	0	0
1/2/2024 9:00	53903 HALI_T2	2	2	0	1.05	1.4	0.35	-0.23	-0.23	0	0	0	0	0	0
1/2/2024 9:00	43304 WATS_T2	2	1	-1	2.45	0	-2.45	-0.49	-0.45	0	0	0	0	0	0
1/2/2024 9:01	46903 MNTG_T2	4	0	-4	1.9	0	-1.9	0.24	0.09	1	1	0	600	600	0
1/2/2024 9:02	48302 ORWI_T2	5	2	-3	2.86	0.75	-2.11	0.18	0.16	0	0	0	0	0	0
1/2/2024 9:02	60502 NMAN_T2	0	0	0	0	0	0	-0.24	-0.26	0	0	0	0	0	0
1/2/2024 9:04	46903 MNTG_T2	4	0	-4	1.9	0	-1.9	0.48	0.17	2	2	0	1200	1200	0
1/2/2024 9:07	59102 WALK_T2	6	0	-6	2.13	0	-2.13	0	0	0	0	0	0	0	0
1/2/2024 9:07	46004 BERW_T2	1	0	-1	0.2	0	-0.2	-0.56	-0.55	0	0	0	0	0	0
1/2/2024 9:08	67503 WEWI_T2	1	0	-1	2.8	0	-2.8	-0.05	-0.1	0	0	0	0	0	0
1/2/2024 9:08	44201 POIN_T1	0	0	0	0	0	0	-1.17	-0.81	1	1	0	900	900	0
1/2/2024 9:09	45502 DERR_T2	7	0	-7	3.79	0	-3.79	0	0	0	0	0	0	0	0
1/2/2024 9:09	64204 KINZ_T1	3	1	-2	3.43	1	-2.43	0	0	0	0	0	0	0	0
1/2/2024 9:11	56802 BENV_T2	4	26	22	0.3	0.22	-0.08	-1.28	-1.32	0	0	0	0	0	0
1/2/2024 9:11	53601 DALM_T2	0	1	1	0	0.4	0.4	-0.34	-0.36	1	1	0	600	600	0
1/2/2024 9:13	45501 DERR_T2	4	0	-4	1.45	0	-1.45	0.79	0.74	2	2	0	1800	1800	0
1/2/2024 9:16	46903 MNTG_T2	0	0	0	0	0	0	0.09	0.17	1	1	0	600	600	0
1/2/2024 9:17	46901 MNTG_T2	0	0	0	0	0	0	1.38	1.51	0	0	0	0	0	0
1/2/2024 9:18	41901 REED_T1	8	9	1	0.44	0.42	-0.02	0	0	0	0	0	0	0	0
1/2/2024 9:19	52101 MEIS_T1	1	1	0	0	0.1	0.1	0	0	0	0	0	0	0	0
1/2/2024 9:20	41902 REED_T1	13	12	-1	0.65	0.27	-0.38	1.22	1.23	0	0	0	0	0	0
1/2/2024 9:20	55002 NEWP_T1	4	4	0	0.73	0.6	-0.13	-0.16	-0.17	0	0	0	0	0	0
1/2/2024 9:21	59101 WALK_T2	1	2	1	0	0	0	1.6	1.66	1	1	0	600	600	0
1/2/2024 9:22	67103 SPRI_T1	0	0	0	0	0	0	-0.04	-0.09	0	0	0	0	0	0
1/2/2024 9:22	49804 UNIV_T1	1	0	-1	2	0	-2	0	0	0	0	0	0	0	0
1/2/2024 9:24	67103 SPRI_T1	0	0	0	0	0	0	-0.09	-0.04	0	0	0	0	0	0
1/2/2024 9:24	49803 UNIV_T1	0	0	0	0	0	0	-1.04	-1.07	0	0	0	0	0	0
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1/2/2024 9:53	67204 TEHI_T2	0	0	0	0	0	0	0.01	0	0	0	0	0	0	0
1/2/2024 9:53	67402 WAKE_T2	0	0	0	0	0	0	0.26	1.17	1	1	0	600	600	0
1/2/2024 9:53	67602 WARW_T2	0	0	0	0	0	0	1.46	1.45	0	0	0	0	0	0
1/2/2024 9:54	29402 BELT_T2	1	3	2	7.1	7.5	0.4	0	0	0	0	0	0	0	0
1/2/2024 9:54	67602 WARW_T2	0	0	0	0	0	0	1.45	1.38	0	0	0	0	0	0
1/2/2024 9:54	67204 TEHI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1/2/2024 9:54	67502 WEWI_T2	0	14	14	0	0	0	-1.02	-1	1	1	0	900	900	0
1/2/2024 9:56	29402 BELT_T1	1	3	2	7.1	7.5	0.4	0	0	0	0	0	0	0	0
1/2/2024 9:58	52402 GRPA_T2	1	5	4	4	1.24	-2.76	0	0	0	0	0	0	0	0
1/2/2024 10:00	40101 HUNT_T2	135	188	53	1.59	0.5	-1.09	-0.06	-0.07	0	0	0	0	0	0
1/2/2024 10:01	57301 MOAL_T2	7	5	-2	0.19	0.16	-0.03	0	0	0	0	0	0	0	0
1/2/2024 10:01	55002 NEWP_T1	5	6	1	0.38	0.63	0.25	-0.15	-0.16	0	0	0	0	0	0
1/2/2024 10:02	40101 HUNT_T2	135	188	53	1.59	0.5	-1.09	-0.06	-0.07	0	0	0	0	0	0
1/2/2024 10:02	55002 NEWP_T1	5	6	1	0.38	0.63	0.25	-0.15	-0.16	0	0	0	0	0	0
1/2/2024 10:02	52404 GRPA_T2	0	0	0	0	0	0	0.83	0.75	0	0	0	0	0	0
1/2/2024 10:03	57301 MOAL_T2	7	5	-2	0.19	0.16	-0.03	0	0	0	0	0	0	0	0
1/2/2024 10:04	55002 NEWP_T1	5	6	1	0.38	0.63	0.25	-0.15	-0.16	0	0	0	0	0	0
1/2/2024 10:05	64101 REFR_T1	0	0	0	0	0	0	0.01	-0.01	0	0	0	0	0	0
1/2/2024 10:05	57403 SPAN_T1	6	4	-2	0.13	0.2	0.07	0	0	0	0	0	0	0	0
1/2/2024 10:06	57403 SPAN_T1	6	4	-2	0.13	0.2	0.07	0.2	0.19	0	0	0	0	0	0
1/2/2024 10:06	57401 SPAN_T1	221	192	-29	0.45	0.37	-0.08	-0.98	-0.94	1	1	0	600	600	0
1/2/2024 10:06	56802 BENV_T2	37	31	-6	0.21	0.23	0.02	-1.31	-1.31	0	0	0	0	0	0
1/2/2024 10:07	64101 REFR_T1	0	0	0	0	0	0	0.01	-0.01	0	0	0	0	0	0
1/2/2024 10:07	57401 SPAN_T1	221	192	-29	0.45	0.37	-0.08	-0.98	-0.94	1	1	0	600	600	0
1/2/2024 10:07	57401 SPAN_T1	221	192	-29	0.45	0.37	-0.08	-0.98	-0.94	1	1	0	600	600	0
1/2/2024 10:08	56801 BENV_T1	8	17	9	1.2	0.7	-0.5	-0.62	-0.59	1	1	0	600	600	0
1/2/2024 10:08	67203 TEHI_T1	1	13	12	0.1	0.1	0	2.37	2.38	2	2	0	1200	1200	0
1/2/2024 10:08	57401 SPAN_T1	221	192	-29	0.45	0.37	-0.08	-0.98	-0.94	1	1	0	600	600	0
1/2/2024 10:08	64101 REFR_T1	0	0	0	0	0	0	0.01	-0.01	0	0	0	0	0	0
1/2/2024 10:08	56802 BENV_T2	37	31	-6	0.21	0.23	0.02	-2.62	-2.61	0	0	0	0	0	0
1/2/2024 10:08	67605 WARW_T1	7	2	-5	1.06	0	-1.06	-0.97	-0.99	0	0	0	0	0	0
1/2/2024 10:09	57401 SPAN_T1	221	192	-29	0.45	0.37	-0.08	-0.94	-0.99	1	1	0	600	600	0
1/2/2024 10:09	56801 BENV_T1	8	17	9	1.2	0.7	-0.5	-0.59	-0.59	1	1	0	600	600	0
1/2/2024 10:10	67203 TEHI_T1	1	13	12	0.1	0.1	0	0	0	0	0	0	0	0	0
1/2/2024 10:12	53901 HALI_T2	1	1	0	0.4	0.6	0.2	0	0	0	0	0	0	0	0
1/2/2024 10:12	42201 SHEN_T2	0	0	0	0	0	0	0.14	0.15	1	1	0	600	600	0
1/2/2024 10:12	42601 TUSC_T1	20	15	-5	0.56	0.59	0.03	0.63	0.53	2	2	0	1800	1800	0
1/2/2024 10:12	64101 REFR_T1	0	0	0	0	0	0	-0.01	-0.03	0	0	0	0	0	0
1/2/2024 10:12	53501 EVIL_T2	2	5	3	0.5	0.46	-0.04	-0.2	-0.16	0	0	0	0	0	0
1/2/2024 10:13	53502 EVIL_T2	0	2	2	0	0	0	0	0	0	0	0	0	0	0
1/2/2024 10:13	64101 REFR_T1	0	0	0	0	0	0	-0.01	-0.03	0	0	0	0	0	0
1/2/2024 10:14	41502 FAIR_T2	2	1	-1	0.85	0	-0.85	-1.63	-1.63	1	1	0	900	900	0
1/2/2024 10:14	53903 HALI_T2	2	2	0	1.1	1.4	0.3	-0.19	-0.24	0	0	0	0	0	0
1/2/2024 10:14	53502 EVIL_T2	0	2	2	0	0	0	0	0	0	0	0	0	0	0
1/2/2024 10:15	53502 EVIL_T2	2	1	-1	0.45	0	-0.45	0	0	0	0	0	0	0	0
1/2/2024 10:17	43202 MVIL_T2	1	10	9	4.1	0	-4.1	0	0	0	0	0	0	0	0
1/2/2024 10:17	43402 BENT_T1	1	0	-1	0.3	0	-0.3	-0.9	-0.9	1	1	0	900	900	0
1/2/2024 10:18	43402 BENT_T1	1	0	-1	0.3	0	-0.3	-0.9	-0.9	1	1	0	900	900	0
1/2/2024 10:19	53901 HALI_T2	1	1	0	0.4	0.6	0.2	0	0	0	0	0	0	0	0
1/2/2024 10:19	56501 ROCK_T2	9	98	89	0.16	0.24	0.08	-1.3	-1.3	0	0	0	0	0	0
1/2/2024 10:21	59101 WALK_T2	1	14	13	0	0	0	1.97	2.01	1	1	0	600	600	0
1/2/2024 10:21	14403 SSLA_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1/2/2024 10:21	65901 SAKR_T2	1	1	0	9	8.8	-0.2	-1.19	-1.04	1	1	0	900	900	0
1/2/2024 10:22	56501 ROCK_T2	9	98	89	0.16	0.24	0.08	-1.3	-1.3	0	0	0	0	0	0
1/2/2024 10:22	67502 WEWI_T2	0	2	2	0	0.7	0.7	-1	-0.96	1	1	0	900	900	0
1/2/2024 10:22	57401 SPAN_T1	190	59	-131	0.37	0.28	-0.09	-0.94	-0.99	1	1	0	600	600	0
1/2/2024 10:25	45501 DERR_T2	0	7	7	0	0	0	0.71	0.69	2	2	0	1800	1800	0
1/2/2024 10:25	67502 WEWI_T2	0	2	2	0	0.7	0.7	-0.96	-0.88	1	1	0	900	900	0
1/2/2024 10:26	67502 WEWI_T2	0	2	2	0	0.7	0.7	-0.96	-0.88	1	1	0	900	900	0
1/2/2024 10:27	45502 DERR_T2	0	6	6	0	0	0	0	0	0	0	0	0	0	0
1/2/2024 10:28	56501 ROCK_T2	9	98	89	0.16	0.24	0.08	0	0	0	0	0	0	0	0
1/2/2024 10:28	64203 KINZ_T1	2	2	0	0.2	0	-0.2	0	0	0	0	0	0	0	0
1/2/2024 10:28	57401 SPAN_T1	190	59	-131	0.37	0.28	-0.09	-0.99	-1.02	1	1	0	600	600	0
1/2/2024 10:30	64204 KINZ_T1	3	1	-2	3.03	1.2	-1.83	0	0	0	0	0	0	0	0
1/2/2024 10:30	43201 MVIL_T2	25	3	-22	3.66	0	-3.66	0	0	0	0	0	0	0	0
1/2/2024 10:31	59301 MCAL_T1	8	2	-6	1.95	0.3	-1.65	-1.73	-1.76	1	1	0	600	600	0
1/2/2024 10:31	51003 NHAR_T1	221	0	-221	0.25	0	-0.25	0	0	0	0	0	0	0	0
1/2/2024 10:33	64204 KINZ_T1	3	1	-2	3.03	1.2	-1.83	0	0	0	0	0	0	0	0
1/2/2024 10:33	54001 SDLE_T1	3	4	1	0.57	0.6	0.03	0	0	0	0	0	0	0	0
1/2/2024 10:33	16402 MOPO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1/2/2024 10:35	54001 SDLE_T1	3	4	1	0.57	0.6	0.03	0	0	0	0	0	0	0	0
1/2/2024 10:35	45402 WBLO_T2	7	1	-6	0.86	1.1	0.24	-0.67	-0.64	0	0	0	0	0	0
1/2/2024 10:36	40602 PIGR_T1	0	0	0	0	0	0	-1.15	-1.19	1	0	-1	600	0	-600
1/2/2024 10:36	66503 SMAN_T2	0	158	158	0	0.19	0.19	0	0	0	0	0	0	0	0
1/2/2024 10:36	54001 SDLE_T1	3	4	1	0.57	0.6	0.03	0	0	0	0	0	0	0	0
1/2/2024 10:37	43402 BENT_T1	0	0	0	0	0	0	-0.9	-0.9	1	1	0	900	900	0
1/2/2024 10:37	56802 BENV_T2	23	127	104	0.23	0.26	0.03	-1.26	-1.32	0	0	0	0	0	0
1/2/2024 10:38	54001 SDLE_T1	3	4	1	0.57	0.6	0.03	0	0	0	0	0	0	0	0
1/2/2024 10:38	40602 PIGR_T1	0	0	0	0	0	0	-1.19	-0.5	1	0	-1	600	0	-600
1/2/2024 10:38	43402 BENT_T1	0	0	0	0	0	0	-0.9	-0.9	1	1	0	900	900	0
1/2/2024 10:38	16302 ALPA_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1/2/2024 10:39	66505 SMAN_T2	0	3	3	0	0.27	0.27	-0.2	-0.28	2	2	0	1100	1100	0
1/2/2024 10:41	16302 ALPA_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1/2/2024 10:41	27101 GFLD_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1/2/2024 10:42	52402 GRPA_T2	6	8	2	1.02	0.86	-0.16	0	0	0	0	0	0	0	0
1/2/2024 10:42	42201 SHEN_T2	0	0	0	0	0	0	0.16	0.14	1	1	0	600	600	0
1/2/2024 10:45	46801 HEPB_T2	0	0	0	0	0	0	0.66	0.69	0	0	0	0	0	0
1/2/2024 10:46	64702 LITI_T2	0	0	0	0	0	0	-0.88	-0.85	0	0	0	0	0	0
1/2/2024 10:47	52404 GRPA_T2	0	1	1	0	0	0	0	0	0	0	0	0	0	0
1/2/2024 10:47	64702 LITI_T2	0	0	0	0	0	0	-0.88	-0.85	0	0	0	0	0	0
1/2/2024 10:48	40101 HUNT_T2	188	138	-50	0.52	0.37	-0.15	0	-0.06	0	0	0	0	0	0
1/2/2024 10:48	56501 ROCK_T2	78	11	-67	0.24	0.13	-0.11	-1.31	-0.74	0	0	0	0	0	0
1/2/2024 10:49	65004 NEFF_T2	0	1	1	0	0.1	0.1	0	0	0	0	0	0	0	0
1/2/2024 10:49	56501 ROCK_T2	78	11	-67	0.24	0.13	-0.11	-2.62	-1.49	0	0	0	0	0	0
1/2/2024 10:50	40601 PIGR_T1	110	53	-57	0.23	0.19	-0.04	0	0	0	0	0	0	0	0
1/2/2024 10:50	67605 WARW_T1	1	2	1	0.1	0.15	0.05	-1.02	-1.04	0	0	0	0	0	0
1/2/2024 10:50	13302 ORVI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1/2/2024 10:51	49803 UNIV_T1	2	4	2	0.1	0.1	0	-1.03	-1.02	0	0	0	0	0	0
1/2/2024 10:51	64702 LITI_T2	0	0	0	0	0	0	-0.88	-0.85	0	0	0	0	0	0
1/2/2024 10:51	67204 TEHI_T2	0	0	0	0	0	0	0	-0.03	0	0	0	0	0	0
1/2/2024 10:51	67605 WARW_T1	1	2	1	0.1	0.15	0.05	-1.02	-1.04	0	0	0	0	0	0
1/2/2024 10:52	56501 ROCK_T2	78	11	-67	0.24	0.13	-0.11	-3.91	-2.23	0	0	0	0	0	0
1/2/2024 10:52	43001 ALWD_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1/2/2024 10:52	27502 WEIS_T2	0	1	1	0	0	0	-0.37	-0.4	0	0	0	0	0	0
1/2/2024 10:52	40601 PIGR_T1	110	53	-57	0.23	0.19	-0.04	0	0	0	0	0	0	0	0
1/2/2024 10:53	65004 NEFF_T2	0	1	1	0	0.1	0.1	0	0	0	0	0	0	0	0
1/2/2024 10:53	60201 ATGL_T2	0	0	0	0	0	0	0.09	0.04	1	1	0	600	600	0
1/2/2024 10:53	56501 ROCK_T2	78	11	-67	0.24	0.13	-0.11	-1.31	-0.74	0	0	0	0	0	0
1/2/2024 10:54	20401 ASHF_T2	4	8	4	0.13	0.15	0.02	0	0	0	0	0	0	0	0
1/2/2024 10:54	67502 WEWI_T2	1	3	2	0.7	0.53	-0.17	0	0	0	0	0	0	0	0
1/2/2024 10:55	67901 WNHO_T2	0	0	0	0	0	0	0.25	0.13	1	1	0	900	900	0
1/2/2024 10:56	20403 ASHF_T2	15	14	-1	0.26	0.42	0.16	0.41	0.47	0	0	0	0	0	0
1/2/2024 10:57	60803 BUCK_T1	0	2	2	0	0.1	0.1	-1.41	-1.39	1	1	0	600	600	0
1/2/2024 10:58	53903 HALI_T2	0	0	0	0	0	0	-0.75	-0.75	0	0	0	0	0	0
1/2/2024 10:58	61703 ELIZ_T1	12	70	58	0.28	0.19	-0.09	-4.11	-4.08	2	2	0	1800	1800	0
1/2/2024 10:58	60803 BUCK_T1	0	2	2	0	0.1	0.1	-1.41	-1.39	1	1	0	600	600	0
1/2/2024 10:59	61703 ELIZ_T1	12	70	58	0.28	0.19	-0.09	-4.11	-4.08	2	2	0	1800	1800	0
1/2/2024 11:00	20402 ASHF_T2	2	3	1	0.4	0.33	-0.07	0	0	0	0	0	0	0	0
1/2/2024 11:00	61703 ELIZ_T1	33	193	160	0.21	0.28	0.07	-2.05	-2.04	1	1	0	900	900	0
1/2/2024 11:01	64902 MILL_T2	0	0	0	0	0	0	-0.72	-0.75	1	1	0	900	900	0
1/2/2024 11:01	45701 LIND_T2	0	1	1	0	0	0	0	0	0	0	0	0	0	0
1/2/2024 11:02	40601 PIGR_T1	53	24	-29	0.18	0.22	0.04	0	0	0	0	0	0	0	0
1/2/2024 11:04	57401 SPAN_T1	2	8	6	0.95	0.45	-0.5	-0.35	-0.34	0	0	0	0	0	0
1/2/2024 11:04	52501 PROG_T1	0	0	0	0	0	0	0.42	0.44	1	1	0	300	300	0
1/2/2024 11:06	29401 BELT_T1	63	56	-7	0.25	0.23	-0.02	0	0	1	1	0	900	900	0
1/2/2024 11:06	57403 SPAN_T1	0	1	1	0	0.7	0.7	0.46	0.52	0	0	0	0	0	0
1/2/2024 11:08	57401 SPAN_T1	2	8	6	0.95	0.45	-0.5	0	0	0	0	0	0	0	0
1/2/2024 11:08	67502 WEWI_T2	2	9	7	0.5	0.42	-0.08	-1.01	-0.96	1	1	0	900	900	0
1/2/2024 11:08	16302 ALPA_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1/2/2024 11:08	14403 SSLA_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1/2/2024 11:09	57403 SPAN_T1	0	1	1	0	0.7	0.7	0.17	0.15	0	0	0	0	0	0
1/2/2024 11:09	66702 STRA_T1	1	1	0	0.5	0.8	0.3	0	0	0	0	0	0	0	0
1/2/2024 11:10	62605 ENGL_T1	0	1	1	0	0.1	0.1	0	0	0	0	0	0	0	0
1/2/2024 11:10	67605 WARW_T1	1	2	1	0.2	0.3	0.1	-1.09	-1.09	0	0	0	0	0	0
1/2/2024 11:10	67502 WEWI_T2	2	9	7	0.5	0.42	-0.08	-0.96	-0.97	1	1	0	900	900	0
1/2/2024 11:11	62604 ENGL_T1	0	0	0	0	0	0	-0.39	-0.33	1	1	0	600	600	0
1/2/2024 11:11	67502 WEWI_T2	2	9	7	0.5	0.42	-0.08	-0.96	-0.97	1	1	0	900	900	0
1/2/2024 11:11	60201 ATGL_T2	0	0	0	0	0	0	0.05	0.03	1	1	0	600	600	0
1/2/2024 11:11	67605 WARW_T1	1	2	1	0.2	0.3	0.1	-1.09	-1.09	0	0	0	0	0	0
1/2/2024 11:12	29402 BELT_T1	3	3	0	2.93	2.77	-0.16	0	0	0	3	0	0	0	0
1/2/2024 11:12	62605 ENGL_T1	0	1	1	0	0.1	0.1	0	0	0	0	0	0	0	0
1/2/2024 11:14	54502 ENOL_T2	0	1	1	0	0.2	0.2	0	0	0	0	0	0	0	0
1/2/2024 11:14	41801 GOCI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1/2/2024 11:15	62605 ENGL_T1	1	1	0	0.1	0.4	0.3	0	0	0	0	0	0	0	0
1/2/2024 11:16	64202 KINZ_T1	2	3	1	0.3	0.57	0.27	0	0	0	0	0	0	0	0
1/2/2024 11:17	64204 KINZ_T1	1	1	0	1.4	1.1	-0.3	0	0	0	0	0	0	0	0
1/2/2024 11:17	64902 MILL_T2	0	0	0	0	0	0	-0.75	-0.72	1	1	0	900	900	0
1/2/2024 11:18	46301 ROHR_T1	0	0	0	0	0	0	-0.7	-0.71	0	0	0	0	0	0
1/2/2024 11:18	58302 NOTT_T1	0	0	0	0	0	0	-0.53	-0.41	1	1	0	1200	1200	0
1/2/2024 11:20	46302 ROHR_T1	5	4	-1	0.5	0.55	0.05	0	0	0	0	0	0	0	0
1/2/2024 11:20	41902 REED_T1	0	0	0	0	0	0	0.4	0.38	1	1	0	900	900	0
1/2/2024 11:21	67402 WAKE_T2	0	0	0	0	0	0	0.47	0.49	1	1	0	600	600	0
1/2/2024 11:21	59101 WALK_T2	1	1	0	0	0	0	2.14	2.13	1	1	0	600	600	0
1/2/2024 11:21	58001 WCAR_T1	4	4	0	0.53	0.85	0.32	0	0	0	0	0	0	0	0
1/2/2024 11:22	58001 WCAR_T1	4	4	0	0.53	0.85	0.32	0	0	0	0	0	0	0	0
1/2/2024 11:22	24901 WHHA_T1	1	1	0	0.6	0.8	0.2	0	0	0	0	0	0	0	0
1/2/2024 11:22	13704 SCHN_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1/2/2024 11:22	46302 ROHR_T1	5	4	-1	0.5	0.55	0.05	0.42	0.4	0	0	0	0	0	0
1/2/2024 11:23	57403 SPAN_T1	0	6	6	0	0.27	0.27	0	0	0	0	0	0	0	0
1/2/2024 11:24	40103 HUNT_T2	51	221	170	0.39	0.44	0.05	-0.16	-0.23	0	0	0	0	0	0
1/2/2024 11:25	44301 BEAV_T2	0	0	0	0	0	0	-0.06	0.12	2	2	0	1500	1500	0
1/2/2024 11:26	24901 WHHA_T1	1	1	0	0.6	0.8	0.2	-1.39	-1.33	0	0	0	0	0	0
1/2/2024 11:26	20402 ASHF_T2	3	2	-1	0.33	0.45	0.12	0	0	0	0	0	0	0	0
1/2/2024 11:26	55105 WERT_T1	0	0	0	0	0	0	-0.52	-0.52	1	1	0	900	900	0
1/2/2024 11:26	67402 WAKE_T2	0	0	0	0	0	0	0.49	0.51	1	1	0	600	600	0
1/2/2024 11:26	61801 EELI_T2	0	0	0	0	0	0	-0.26	-0.31	0	0	0	0	0	0
1/2/2024 11:27	54505 ENOL_T2	1	1	0	0.7	1.1	0.4	0	0	0	0	0	0	0	0
1/2/2024 11:28	61801 EELI_T2	0	0	0	0	0	0	-0.53	-0.62	0	0	0	0	0	0
1/2/2024 11:28	45702 LIND_T2	1	1	0	0.6	1.8	1.2	-0.41	-0.42	0	0	0	0	0	0
1/2/2024 11:29	54504 ENOL_T2	0	1	1	0	0.6	0.6	0	0	0	0	0	0	0	0
1/2/2024 11:29	53901 HALI_T2	1	1	0	0.5	0.8	0.3	0	0	0	0	0	0	0	0
1/2/2024 11:29	54502 ENOL_T2	0	1	1	0	0.5	0.5	-1.95	-2	1	1	0	600	600	0
1/2/2024 11:30	67605 WARW_T1	2	15	13	0.3	0.35	0.05	-1.09	-1.05	0	0	0	0	0	0
1/2/2024 11:30	59003 MIFF_T1	0	1	1	0	0.2	0.2	-1.39	-1.72	0	0	0	0	0	0
1/2/2024 11:30	65003 NEFF_T2	1	2	1	0.2	0.2	0	0	0	0	0	0	0	0	0
1/2/2024 11:31	67605 WARW_T1	2	15	13	0.3	0.35	0.05	-1.09	-1.05	0	0	0	0	0	0
1/2/2024 11:32	40103 HUNT_T2	211	159	-52	0.6	0.43	-0.17	-0.16	-0.23	0	0	0

Appendix C - Grid Benefits Achieved in Each Instance of Active Management

1/2/2024 11:42	67503 WEWI_T2	0	0	0	0	0	0	-0.25	-0.17	0	0	0	0	0	0
1/2/2024 11:42	67402 WAKE_T2	0	0	0	0	0	0	0.51	0.5	1	1	0	600	600	0
1/2/2024 11:44	64702 LITI_T2	0	0	0	0	0	0	-0.8	-0.8	0	0	0	0	0	0
1/2/2024 11:45	54502 ENOL_T2	1	1	0	0.5	0.5	0	0	0	0	0	0	0	0	0
1/2/2024 11:45	42903 MIDD_T2	0	0	0	0	0	0	0.1	0.06	1	1	0	1200	1200	0
1/2/2024 11:46	39601 LNFD_T1	6	6	0	0.37	0	-0.37	0	0	0	0	0	0	0	0
1/2/2024 11:47	64301 LINC_T1	0	0	0	0	0	0	-0.14	-0.03	1	1	0	600	600	0
1/2/2024 11:48	64702 LITI_T2	0	0	0	0	0	0	-0.8	-0.8	0	0	0	0	0	0
1/2/2024 11:50	41901 REED_T1	11	11	0	0.87	1.15	0.28	0	0	0	0	0	0	0	0
1/2/2024 11:50	67605 WARW_T1	6	19	13	0.3	0.33	0.03	-1.05	-1.1	0	0	0	0	0	0
1/2/2024 11:50	67001 STHI_T2	32	359	327	0.21	0.16	-0.05	0	0	0	0	0	0	0	0
1/2/2024 11:51	67605 WARW_T1	6	19	13	0.3	0.33	0.03	-1.05	-1.1	0	0	0	0	0	0
1/2/2024 11:51	67001 STHI_T2	32	359	327	0.21	0.16	-0.05	0	0	0	0	0	0	0	0
1/2/2024 11:52	41901 REED_T1	11	11	0	0.87	1.15	0.28	0	0	0	0	0	0	0	0
1/2/2024 11:52	67001 STHI_T2	32	359	327	0.21	0.16	-0.05	0	0	0	0	0	0	0	0
1/2/2024 11:52	67402 WAKE_T2	0	0	0	0	0	0	0.51	0.5	1	1	0	600	600	0
1/2/2024 11:53	59101 WALK_T2	1	3	2	0	0.25	0.25	3.85	3.77	2	2	0	1200	1200	0
1/2/2024 11:53	67402 WAKE_T2	0	0	0	0	0	0	0.51	0.5	1	1	0	600	600	0
1/2/2024 11:53	67201 TEHI_T1	2	1	-1	0.5	0.1	-0.4	0	0	0	0	0	0	0	0
1/2/2024 11:53	14403 SSLA_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1/2/2024 11:54	59102 WALK_T2	0	1	1	0	0.2	0.2	0	0	0	0	0	0	0	0
1/2/2024 11:54	67002 STHI_T2	22	56	34	0.25	0.28	0.03	2.01	2.01	0	0	0	0	0	0
1/2/2024 11:54	67204 TEHI_T2	0	1	1	0	0.3	0.3	-0.06	-0.06	0	0	0	0	0	0
1/2/2024 11:54	43402 BENT_T1	0	0	0	0	0	0	-0.9	-0.91	1	1	0	900	900	0
1/2/2024 11:55	43402 BENT_T1	0	0	0	0	0	0	-1.8	-1.82	2	2	0	1800	1800	0
1/2/2024 11:56	64201 KINZ_T1	1	1	0	0	0	0	0	0	0	0	0	0	0	0
1/2/2024 11:57	64203 KINZ_T1	0	0	0	0	0	0	0.17	0.01	2	2	0	1800	1800	0
1/2/2024 11:57	54502 ENOL_T2	1	1	0	0.5	0.5	0	0	0	0	0	0	0	0	0
1/2/2024 11:57	62604 ENGL_T1	0	0	0	0	0	0	-0.4	-0.43	1	1	0	600	600	0
1/2/2024 11:58	54502 ENOL_T2	1	1	0	0.5	0.5	0	-1.99	-2.03	1	1	0	600	600	0
1/2/2024 11:58	54502 ENOL_T2	1	1	0	0.5	0.5	0	-1.99	-2.03	1	1	0	600	600	0
1/2/2024 11:58	62604 ENGL_T1	0	0	0	0	0	0	-0.4	-0.43	1	1	0	600	600	0
1/2/2024 11:58	67402 WAKE_T2	0	0	0	0	0	0	0.5	0.48	1	1	0	600	600	0
1/2/2024 11:58	54504 ENOL_T2	1	1	0	0.6	0.5	-0.1	0	0	0	0	0	0	0	0
1/2/2024 11:59	54504 ENOL_T2	1	1	0	0.6	0.5	-0.1	0	0	0	0	0	0	0	0
1/2/2024 11:59	54503 ENOL_T2	0	0	0	0	0	0	-0.32	-0.37	1	1	0	600	600	0
1/2/2024 11:59	62604 ENGL_T1	0	0	0	0	0	0	-0.4	-0.43	1	1	0	600	600	0
1/2/2024 12:00	62604 ENGL_T1	0	0	0	0	0	0	-0.4	-0.43	1	1	0	600	600	0
1/2/2024 12:04	13302 ORVI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1/2/2024 12:05	54206 PENN_T2	13	0	-13	0.23	0	-0.23	0	0	0	0	0	0	0	0
1/2/2024 12:05	13302 ORVI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1/2/2024 12:08	66901 SHIL_T2	62	131	69	0.17	0.19	0.02	-1.63	-1.56	1	1	0	1200	1200	0
1/2/2024 12:08	67402 WAKE_T2	0	0	0	0	0	0	1	0.96	2	2	0	1200	1200	0
1/2/2024 12:09	58001 WCAR_T1	4	1	-3	0.63	0.1	-0.53	0	0	0	0	0	0	0	0
1/2/2024 12:09	49803 UNIV_T1	35	0	-35	0.19	0	-0.19	-1.06	-1.1	0	0	0	0	0	0
1/2/2024 12:09	59202 THOM_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1/2/2024 12:10	67605 WARW_T1	14	20	6	0.36	0.37	0.01	-1.14	-1.06	0	0	0	0	0	0
1/2/2024 12:10	49803 UNIV_T1	35	0	-35	0.19	0	-0.19	-1.06	-1.1	0	0	0	0	0	0
1/2/2024 12:11	67605 WARW_T1	14	20	6	0.36	0.37	0.01	-1.14	-1.06	0	0	0	0	0	0
1/2/2024 12:11	60101 COCA_T1	3	6	3	0.3	0.4	0.1	0.38	0.38	0	0	0	0	0	0
1/2/2024 12:12	60101 COCA_T1	3	6	3	0.3	0.4	0.1	0.38	0.38	0	0	0	0	0	0
1/2/2024 12:13	64201 KINZ_T1	1	1	0	0	0	0	-0.42	-0.44	4	4	0	2100	2100	0
1/2/2024 12:13	64203 KINZ_T1	0	0	0	0	0	0	0.01	0.06	2	2	0	1800	1800	0
1/2/2024 12:13	43402 BENT_T1	0	1	1	0	0.1	0.1	-0.91	-0.9	1	1	0	900	900	0
1/2/2024 12:13	67402 WAKE_T2	0	0	0	0	0	0	0.48	0.46	1	1	0	600	600	0
1/2/2024 12:14	43402 BENT_T1	0	1	1	0	0.1	0.1	-0.91	-0.9	1	1	0	900	900	0
1/2/2024 12:15	61304 EARL_T1	1	1	0	0.6	0.6	0	0	0	0	0	0	0	0	0
1/2/2024 12:16	64204 KINZ_T1	2	1	-1	0.65	1.4	0.75	0	0	0	0	0	0	0	0
1/2/2024 12:16	61303 EARL_T1	0	0	0	0	0	0	0.56	0.51	0	0	0	0	0	0
1/2/2024 12:17	64204 KINZ_T1	2	1	-1	0.65	1.4	0.75	0	0	0	0	0	0	0	0
1/2/2024 12:18	61303 EARL_T1	0	0	0	0	0	0	0.56	0.51	0	0	0	0	0	0
1/2/2024 12:18	59003 MIFF_T1	0	0	0	0	0	0	-0.07	-0.11	0	0	0	0	0	0
1/2/2024 12:22	44301 BEAV_T2	1	2	1	0.1	0.7	0.6	-0.75	-0.61	2	2	0	1500	1500	0
1/2/2024 12:22	41902 REED_T1	0	3	3	0	0	0	0.71	0.53	2	0	-2	1800	0	-1800
1/2/2024 12:22	16101 BING_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1/2/2024 12:24	41901 REED_T1	11	12	1	1.1	1.09	-0.01	0	0	0	0	0	0	0	0
1/2/2024 12:24	67402 WAKE_T2	0	0	0	0	0	0	0.46	0.48	1	1	0	600	600	0
1/2/2024 12:24	44301 BEAV_T2	1	2	1	0.1	0.7	0.6	-0.61	0.19	2	2	0	1500	1500	0
1/2/2024 12:25	44301 BEAV_T2	1	2	1	0.1	0.7	0.6	-1.22	0.39	4	4	0	3000	3000	0
1/2/2024 12:26	44301 BEAV_T2	1	2	1	0.1	0.7	0.6	-0.61	0.39	2	2	0	1500	1500	0
1/2/2024 12:29	67402 WAKE_T2	0	0	0	0	0	0	0.46	0.48	1	1	0	600	600	0
1/2/2024 12:32	47401 PENS_T1	0	0	0	0	0	0	0.9	0.74	0	0	0	0	0	0
1/2/2024 12:33	43402 BENT_T1	1	0	-1	0.1	0	-0.1	-0.9	-0.92	1	1	0	900	900	0
1/2/2024 12:34	47401 PENS_T1	0	0	0	0	0	0	0.9	0.74	0	0	0	0	0	0
1/2/2024 12:34	43402 BENT_T1	1	0	-1	0.1	0	-0.1	-0.9	-0.92	1	1	0	900	900	0
1/2/2024 12:35	47401 PENS_T1	0	0	0	0	0	0	0.9	0.74	0	0	0	0	0	0
1/2/2024 12:36	49803 UNIV_T1	0	1	1	0	0.3	0.3	-1.1	-1.15	0	0	0	0	0	0
1/2/2024 12:48	39601 LNFD_T1	0	11	11	0	0.45	0.45	0	0	0	0	0	0	0	0
1/2/2024 12:53	43402 BENT_T1	0	0	0	0	0	0	-0.92	-0.93	1	1	0	900	900	0
1/2/2024 12:54	43402 BENT_T1	0	0	0	0	0	0	-0.93	-0.92	1	1	0	900	900	0
1/2/2024 12:56	10705 CATA_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1/2/2024 12:56	64204 KINZ_T1	1	1	0	1.4	1.3	-0.1	0	0	0	0	0	0	0	0
1/2/2024 12:57	64201 KINZ_T1	1	1	0	0	0	0	0	0	0	0	0	0	0	0
1/2/2024 12:57	10705 CATA_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1/2/2024 13:04	10705 CATA_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1/2/2024 13:05	10705 CATA_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1/2/2024 13:06	14801 TREI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1/2/2024 13:07	61306 EARL_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1/2/2024 13:11	61304 EARL_T1	1	1	0	0.2	0.2	0	0	0	0	0	0	0	0	0
1/2/2024 13:13	43402 BENT_T1	0	0	0	0	0	0	-0.92	-0.92	1	1	0	900	900	0
1/2/2024 13:14	43402 BENT_T1	0	0	0	0	0	0	-0.92	-0.92	1	1	0	900	900	0
1/2/2024 13:14	50106 HARR_T3	1	1	0	0	0	0	0	0	0	0	0	0	0	0
1/2/2024 13:16	64203 KINZ_T1	0	0	0	0	0	0	0.04	-0.01	2	2	0	1800	1800	0
1/2/2024 13:16	59302 MCAL_T1	0	1	1	0	0.4	0.4	-0.1	-0.18	1	1	0	600	600	0
1/2/2024 13:17	64201 KINZ_T1	1	1	0	0	0	0	0	0	0	0	0	0	0	0
1/2/2024 13:20	56501 ROCK_T2	1	2	1	0.4	0	-0.4	-0.8	-0.81	0	0	0	0	0	0
1/2/2024 13:21	56501 ROCK_T2	1	2	1	0.4	0	-0.4	-1.61	-1.61	0	0	0	0	0	0
1/2/2024 13:21	56504 ROCK_T2	0	0	0	0	0	0	-0.24	-0.24	0	0	0	0	0	0
1/2/2024 13:23	56501 ROCK_T2	1	2	1	0.4	0	-0.4	-1.61	-1.61	0	0	0	0	0	0
1/2/2024 13:23	46001 BERW_T1	0	1	1	0	0	0	1.09	1.08	0	0	0	0	0	0
1/2/2024 13:24	56501 ROCK_T2	1	2	1	0.4	0	-0.4	0	0	0	0	0	0	0	0
1/2/2024 13:25	50106 HARR_T3	1	1	0	0	0	0	0	0	0	0	0	0	0	0
1/2/2024 13:26	56501 ROCK_T2	1	2	1	0.4	0	-0.4	-0.81	-0.83	0	0	0	0	0	0
1/2/2024 13:27	62607 ENGL_T1	0	0	0	0	0	0	-1.06	-1.04	1	1	0	300	300	0
1/2/2024 13:28	62604 ENGL_T1	0	0	0	0	0	0	-0.5	-0.46	1	1	0	600	600	0
1/2/2024 13:33	43402 BENT_T1	0	0	0	0	0	0	-0.92	-0.9	1	1	0	900	900	0
1/2/2024 13:34	43402 BENT_T1	0	0	0	0	0	0	-0.92	-0.9	1	1	0	900	900	0
1/2/2024 13:36	64201 KINZ_T1	1	1	0	0	0	0	0	0	0	0	0	0	0	0
1/2/2024 13:37	64203 KINZ_T1	0	0	0	0	0	0	-0.01	0.03	2	2	0	1800	1800	0
1/2/2024 13:53	43402 BENT_T1	0	0	0	0	0	0	-0.9	-0.9	1	1	0	900	900	0
1/2/2024 13:54	43402 BENT_T1	0	0	0	0	0	0	-0.9	-0.93	1	1	0	900	900	0
1/2/2024 13:56	64201 KINZ_T1	1	1	0	0	0	0	0	0	0	0	0	0	0	0
1/2/2024 13:57	64201 KINZ_T1	1	1	0	0	0	0	0	0	0	0	0	0	0	0
1/2/2024 14:00	52002 LING_T2	1	1	0	0.6	0.8	0.2	0	0	0	0	0	0	0	0
1/2/2024 14:00	45702 LIND_T2	1	1	0	1.8	2	0.2	-0.35	-0.45	0	0	0	0	0	0
1/2/2024 14:02	47403 PENS_T1	4	6	2	0.38	0.42	0.04	0	0	0	0	0	0	0	0
1/2/2024 14:03	56504 ROCK_T2	0	0	0	0	0	0	-0.22	-0.23	0	0	0	0	0	0
1/2/2024 14:03	60604 NCOL_T2	0	0	0	0	0	0	0.31	0.33	0	0	0	0	0	0
1/2/2024 14:04	47401 PENS_T1	1	4	3	0.2	0.2	0	3.9	4.41	0	0	0	0	0	0
1/2/2024 14:05	61303 EARL_T1	0	0	0	0	0	0	0.6	0.62	0	0	0	0	0	0
1/2/2024 14:06	61303 EARL_T1	0	0	0	0	0	0	0.6	0.62	0	0	0	0	0	0
1/2/2024 14:07	60604 NCOL_T2	0	0	0	0	0	0	0.31	0.33	0	0	0	0	0	0
1/2/2024 14:07	56501 ROCK_T2	0	1	1	0	0	0	-0.8	-0.84	0	0	0	0	0	0
1/2/2024 14:08	60701 BREC_T1	2	2	0	0.45	0.3	-0.15	-0.47	-0.46	1	1	0	600	600	0
1/2/2024 14:09	60701 BREC_T1	2	2	0	0.45	0.3	-0.15	-0.46	-0.46	1	1	0	600	600	0
1/2/2024 14:09	56501 ROCK_T2	0	1	1	0	0	0	-0.84	-0.81	0	0	0	0	0	0
1/2/2024 14:10	60701 BREC_T1	2	2	0	0.45	0.3	-0.15	-0.46	-0.46	1	1	0	600	600	0
1/2/2024 14:11	16101 BING_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1/2/2024 14:12	54505 ENOL_T2	2	1	-1	0.6	1.1	0.5	-1.31	-1.32	1	1	0	600	600	0
1/2/2024 14:13	43402 BENT_T1	0	0	0	0	0	0	-0.93	-1.53	1	2	1	900	1500	600
1/2/2024 14:13	60101 COCA_T1	2	1	-1	0.15	0.2	0.05	0.36	0.3	0	0	0	0	0	0
1/2/2024 14:14	60101 COCA_T1	2	1	-1	0.15	0.2	0.05	0.36	0.3	0	0	0	0	0	0
1/2/2024 14:14	43402 BENT_T1	0	2	2	0	0	0	-0.93	-1.53	1	2	1	900	1500	600
1/2/2024 14:15	52101 MEIS_T1	1	1	0	0.4	0.4	0	0	0	0	0	0	0	0	0
1/2/2024 14:15	12701 MACU_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1/2/2024 14:16	64203 KINZ_T1	0	0	0	0	0	0	0.01	-0.02	2	2	0	1800	1800	0
1/2/2024 14:16	52101 MEIS_T1	1	1	0	0.4	0.4	0	0	0	0	0	0	0	0	0
1/2/2024 14:16	45702 LIND_T2	1	1	0	2	1.8	-0.2	-0.45	-0.42	0	0	0	0	0	0
1/2/2024 14:17	52002 LING_T2	1	1	0	0.8	0.1	-0.7	0	0	0	0	0	0	0	0
1/2/2024 14:17	64201 KINZ_T1	1	1	0	0	0	0	0	0	0	0	0	0	0	0
1/2/2024 14:17	52101 MEIS_T1	1	1	0	0.4	0.4	0	0	0	0	0	0	0	0	0
1/2/2024 14:19	64101 REFR_T1	2	0	-2	0.15	0	-0.15	-0.2	-0.24	0	0	0	0	0	0
1/2/2024 14:19	59003 MIFF_T1	0	1	1	0	0.3	0.3	-1.99	-2.02	0	0	0	0	0	0
1/2/2024 14:19	52101 MEIS_T1	1	1	0	0.4	0.4	0	0	0	0	0	0	0	0	0
1/2/2024 14:19	65002 NEFF_T2	1	5	4	0.1	0.12	0.02	0	0	0	0	0	0	0	0
1/2/2024 14:19	56504 ROCK_T2	0	0	0	0	0	0	-0.23	-0.24	0	0	0	0	0	0
1/2/2024 14:20	65003 NEFF_T2	6	7	1	0.3	0.37	0.07	0	0	0	0	0	0	0	0
1/2/2024 14:20	67103 SPRI_T1	0	0	0	0	0	0	0	-0.06	0	0	0	0	0	0
1/2/2024 14:20	64101 REFR_T1	2	0	-2	0.15	0	-0.15	-0.14	-0.16	0	0	0	0	0	0
1/2/2024 14:20	42801 SELI_T1	1	1	0	0	0	0	0	0	0	0	0	0	0	0
1/2/2024 14:20	61303 EARL_T1	0	0	0	0	0	0	0.62	0.63	0	0	0	0	0	0
1/2/2024 14:21	64101 REFR_T1	2	0	-2	0.15	0	-0.15	-0.07	-0.08	0	0	0	0	0	0
1/2/2024 14:21	64902 MILL_T2	0	0	0	0	0	0	0.19	0.26	0	0	0	0	0	0
1/2/2024 14:22	42802 SELI_T1	0	0	0	0	0	0	-6.44	-6.37	3	3	0	2700	2700	0
1/2/2024 14:23	67402 WAKE_T2	0	0	0	0	0	0	0.44	0.33	1	1	0	600	600	0
1/2/2024 14:23	64101 REFR_T1	2	0	-2	0.15	0	-0.15	-0.07	-0.08	0	0	0	0	0	0
1/2/2024 14:23	56501 ROCK_T2	0	1	1	0	0	0	-0.84	-0.81	0	0	0	0	0	0
1/2/2024 14:25	56504 ROCK_T2	0	0	0	0	0	0	-0.24	-0.25	0	0	0	0	0	0
1/2/2024 14:25	60101 COCA_T1	1	1	0	0.2	0.2	0	0.3	0.31	0	0	0	0	0	0
1/2/2024 14:25	43402 BENT_T1	0	0	0	0	0	0	-1.53	-1.54	2	2	0	1500	1500	0
1/2/2024 14:25	46001 BERW_T1	0	0	0	0	0	0	1.07	0.96	0	0	0	0	0	0
1/2/2024 14:25	67602 WARW_T2	0	0	0	0	0	0	1.42	1.4	0	0	0	0	0	0
1/2/2024 14:25	67604 WARW_T1	0	1	1	0	0.1	0.1	0	0	0	0	0	0	0	0
1/2/2024 14:25	59101 WALK_T2	1	1	0	0	0	0	1.78	1.73	1	1	0	600	600	0
1/2/2024 14:26	43402 BENT_T1	0	0	0	0	0	0	-1.53	-1.54	2	2	0	1500	1500	0
1/2/2024 14:26	67602 WARW_T2	0	0	0	0	0	0	1.42	1.4	0	0	0	0	0	0
1/2/2024 14:27	43402 BENT_T1	0	0	0	0	0	0	-3.05	-3.09	4	4	0	3000	3000	0
1/2/2024 14:28	40101 HUNT_T2	194	105	-89	0.55	0.36	-0.19	0	0.04	0	0	0	0	0	0
1/2/2024 14:28	60101 COCA_T1	1	1	0	0.2	0.2	0	0.3	0.31	0	0	0	0	0	0
1/2/2024 14:30	54502 ENOL_T2	0	0	0	0	0	0	-2.02	-2.03	1	1	0	600	600	0
1/2/2024 14:30	42201 SHEN_T2	0	1	1	0	0.4	0.4	0.15	0.15	1	1	0	600	600	0
1/2/2024 14:30	67602 WARW_T2	0	0	0	0	0	0	1.42	1.4	0	0	0	0	0	0
1/2/2024 14:30	64204 KINZ_T1	0	3	3	0	0.6	0.6	0	0	0	0	0	0	0	0
1/2/2024 14:31	45702 LIND_T2	1	7	6	1.8	0.4	-1.4	-0.42	-0.45	0	0	0	0	0	0
1/2/2024 14:31	12701 MACU_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1/2/2024 14:32	42201 SHEN_T2	0	1	1	0	0.4	0.4	0.15	0.15	1	1	0	600	600	0
1/2/2024 14:32	40101 HUNT_T2	62	118	56	0.44	0.37	-0.07	0	0.08	0	0	0	0	0	0
1/2/2024 14:32	64702 LITI_T2	0	0	0	0	0	0	-0.76	-0.66	0	0	0	0	0	0
1/2/2024 14:33	65503 MOJO_T2	0	0	0	0	0	0	-1.33	-1.35	1	1	0	900	900	0
1/2/2024 14:33	47401 PENS_T1	1	1	0	0

Appendix C - Grid Benefits Achieved in Each Instance of Active Management

1/2/2024 14:44	51107 CARL_T1	0	0	0	0	0	0	-0.3	-0.15	0	0	0	0	0	0
1/2/2024 14:44	40101 HUNT_T2	62	118	56	0.44	0.37	-0.07	0.04	-0.01	0	0	0	0	0	0
1/2/2024 14:45	43402 BENT_T1	0	0	0	0	0	0	-1.54	-1.54	2	2	0	1500	1500	0
1/2/2024 14:46	12701 MACU_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1/2/2024 14:46	40101 HUNT_T2	99	152	53	0.37	0.38	0.01	0.04	-0.01	0	0	0	0	0	0
1/2/2024 14:46	64201 KINZ_T1	1	1	0	0	0	0	0	0	0	0	0	0	0	0
1/2/2024 14:46	43402 BENT_T1	0	0	0	0	0	0	-1.54	-1.54	2	2	0	1500	1500	0
1/2/2024 14:47	12701 MACU_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1/2/2024 14:47	45702 LIND_T2	1	7	6	1.8	0.4	-1.4	-0.45	-0.44	0	0	0	0	0	0
1/2/2024 14:48	42802 SELI_T1	0	0	0	0	0	0	-2.11	-2.08	1	1	0	900	900	0
1/2/2024 14:48	64702 LITI_T2	0	0	0	0	0	0	-0.66	-0.77	0	0	0	0	0	0
1/2/2024 14:49	47403 PENS_T1	2	1	-1	0.65	1.4	0.75	0	0	0	0	0	0	0	0
1/2/2024 14:49	42802 SELI_T1	0	0	0	0	0	0	-2.11	-2.08	1	1	0	900	900	0
1/2/2024 14:50	47403 PENS_T1	2	1	-1	0.65	1.4	0.75	0	0	0	0	0	0	0	0
1/2/2024 14:50	42802 SELI_T1	0	0	0	0	0	0	-2.11	-2.08	1	1	0	900	900	0
1/2/2024 14:51	60604 NCOL_T2	0	0	0	0	0	0	0.27	0.45	0	0	0	0	0	0
1/2/2024 14:51	65003 NEFF_T2	7	6	-1	0.37	0.33	-0.04	0	0	0	0	0	0	0	0
1/2/2024 14:51	61303 EARL_T1	0	0	0	0	0	0	0.36	0.25	0	0	0	0	0	0
1/2/2024 14:51	47401 PENS_T1	0	1	1	0	0.6	0.6	0.78	0.83	0	0	0	0	0	0
1/2/2024 14:52	42801 SELI_T1	1	1	0	0	0	0	0	0	0	0	0	0	0	0
1/2/2024 14:52	47403 PENS_T1	2	1	-1	0.65	1.4	0.75	0	0	0	0	0	0	0	0
1/2/2024 14:53	42801 SELI_T1	1	1	0	0	0	0	0	0	0	0	0	0	0	0
1/2/2024 14:54	42802 SELI_T1	0	0	0	0	0	0	-2.08	-2.08	1	1	0	900	900	0
1/2/2024 14:58	62604 ENGL_T1	0	0	0	0	0	0	-0.47	-0.24	1	1	0	600	600	0
1/2/2024 15:01	62604 ENGL_T1	0	0	0	0	0	0	-0.47	-0.24	1	1	0	600	600	0
1/2/2024 15:04	60603 NCOL_T2	0	0	0	0	0	0	0.51	0.38	0	0	0	0	0	0
1/2/2024 15:05	43402 BENT_T1	0	1	1	0	0	0	-1.54	-1.52	2	2	0	1500	1500	0
1/2/2024 15:06	56504 ROCK_T2	0	0	0	0	0	0	-0.24	-0.25	0	0	0	0	0	0
1/2/2024 15:06	60605 NCOL_T2	0	0	0	0	0	0	-0.52	-0.51	0	0	0	0	0	0
1/2/2024 15:06	64101 REFR_T1	0	0	0	0	0	0	-0.44	-0.27	0	0	0	0	0	0
1/2/2024 15:06	43402 BENT_T1	0	1	1	0	0	0	-1.54	-1.52	2	2	0	1500	1500	0
1/2/2024 15:07	67503 WEWI_T2	0	0	0	0	0	0	-0.26	-0.26	0	0	0	0	0	0
1/2/2024 15:07	64101 REFR_T1	0	0	0	0	0	0	-0.22	-0.14	0	0	0	0	0	0
1/2/2024 15:10	61703 ELIZ_T1	25	21	-4	0.23	0.21	-0.02	-2.08	-2.17	1	1	0	900	900	0
1/2/2024 15:11	62607 ENGL_T1	0	0	0	0	0	0	-0.7	-0.7	0	0	0	0	0	0
1/2/2024 15:12	61703 ELIZ_T1	25	21	-4	0.23	0.21	-0.02	-2.08	-2.17	1	1	0	900	900	0
1/2/2024 15:12	42201 SHEN_T2	0	0	0	0	0	0	0.14	0.15	1	1	0	600	600	0
1/2/2024 15:12	67605 WARW_T1	34	41	7	0.33	0.34	0.01	-1.18	-1.18	0	0	0	0	0	0
1/2/2024 15:12	60701 BREC_T1	2	41	39	0.4	0.14	-0.26	-1.4	-1.37	3	3	0	1800	1800	0
1/2/2024 15:13	60701 BREC_T1	2	41	39	0.4	0.14	-0.26	-0.47	-0.46	1	1	0	600	600	0
1/2/2024 15:15	61701 ELIZ_T1	1	1	0	5.4	5.2	-0.2	0	0	0	0	0	0	0	0
1/2/2024 15:18	52101 MEIS_T1	1	1	0	1	1	0	0	0	0	0	0	0	0	0
1/2/2024 15:19	52102 MEIS_T1	0	0	0	0	0	0	0	0	1	1	0	450	450	0
1/2/2024 15:20	52101 MEIS_T1	1	1	0	1	1	0	0	0	0	0	0	0	0	0
1/2/2024 15:22	64101 REFR_T1	0	0	0	0	0	0	-0.07	-0.09	0	0	0	0	0	0
1/2/2024 15:23	60701 BREC_T1	39	129	90	0.14	0.15	0.01	-0.47	-0.46	1	1	0	600	600	0
1/2/2024 15:23	43401 BENT_T1	1	0	-1	1.1	0	-1.1	0	0	0	0	0	0	0	0
1/2/2024 15:25	60701 BREC_T1	39	129	90	0.14	0.15	0.01	-0.46	-0.48	1	1	0	600	600	0
1/2/2024 15:25	43401 BENT_T1	1	0	-1	1.1	0	-1.1	0	0	0	0	0	0	0	0
1/2/2024 15:27	46003 BERW_T2	1	1	0	4.9	4.7	-0.2	0	0	0	0	0	0	0	0
1/2/2024 15:27	60701 BREC_T1	39	129	90	0.14	0.15	0.01	-0.46	-0.48	1	1	0	600	600	0
1/2/2024 15:30	48902 FOSP_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1/2/2024 15:33	57403 SPAN_T1	3	2	-1	0.2	0.15	-0.05	0.09	0.13	0	0	0	0	0	0
1/2/2024 16:02	40101 HUNT_T2	53	84	31	0.47	0.3	-0.17	-0.32	-0.36	0	0	0	0	0	0
1/2/2024 16:04	64101 REFR_T1	0	0	0	0	0	0	-0.1	-0.12	0	0	0	0	0	0
1/2/2024 16:06	64101 REFR_T1	0	0	0	0	0	0	-0.05	-0.06	0	0	0	0	0	0
1/2/2024 16:10	40502 CRES_T2	4	10	6	0.1	0.17	0.07	-1.59	-1.32	0	0	0	0	0	0
1/2/2024 16:10	64101 REFR_T1	0	0	0	0	0	0	-0.06	-0.05	0	0	0	0	0	0
1/2/2024 16:12	40502 CRES_T2	4	10	6	0.1	0.17	0.07	-2.22	-1.84	0	0	0	0	0	0
1/2/2024 16:14	40502 CRES_T2	4	10	6	0.1	0.17	0.07	-2.22	-1.84	0	0	0	0	0	0
1/2/2024 16:16	40502 CRES_T2	1	10	9	0.1	0.18	0.08	-0.63	-0.53	0	0	0	0	0	0
1/2/2024 16:46	52101 MEIS_T1	1	1	0	1.5	1.1	-0.4	0	0	0	0	0	0	0	0
1/2/2024 16:50	65001 NEFF_T2	0	0	0	0	0	0	-0.7	-0.76	1	1	0	1200	1200	0
1/2/2024 17:00	53901 HAU_T2	0	0	0	0	0	0	-0.32	-0.3	0	0	0	0	0	0
1/2/2024 17:02	53901 HAU_T2	0	0	0	0	0	0	-0.32	-0.3	0	0	0	0	0	0
1/2/2024 17:06	65001 NEFF_T2	0	0	0	0	0	0	-0.76	-0.76	1	1	0	1200	1200	0
1/2/2024 17:29	59202 THOM_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1/2/2024 17:48	65003 NEFF_T2	0	16	16	0	0.16	0.16	0	0	0	0	0	0	0	0
1/2/2024 18:44	56101 BING_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1/2/2024 18:46	13501 MCMI_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1/2/2024 18:47	62607 ENGL_T1	0	0	0	0	0	0	-0.65	-0.63	0	0	0	0	0	0
1/2/2024 18:48	29402 BELT_T1	1	1	0	7.2	7.6	0.4	0	0	0	0	0	0	0	0
1/2/2024 18:49	43402 BENT_T1	0	0	0	0	0	0	-1.54	-1.53	2	2	0	1500	1500	0
1/2/2024 18:49	27101 GFLD_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1/2/2024 18:49	47001 HUGH_T2	0	0	0	0	0	0	-0.48	-0.51	0	0	0	0	0	0
1/2/2024 18:49	10705 CATA_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1/2/2024 18:49	16302 ALPA_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1/2/2024 18:50	27502 WEIS_T2	0	0	0	0	0	0	-0.39	-0.4	0	0	0	0	0	0
1/2/2024 18:50	59101 WALK_T2	1	1	0	0	0	0	1.82	1.31	1	1	0	450	450	0
1/2/2024 18:50	40101 HUNT_T2	316	332	16	1.07	0.79	-0.28	-0.51	-0.53	0	0	0	0	0	0
1/2/2024 18:50	16402 MOPO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1/2/2024 18:51	49803 UNIV_T1	0	0	0	0	0	0	-0.97	-0.96	0	0	0	0	0	0
1/2/2024 18:51	13503 MCMI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1/2/2024 18:51	16402 MOPO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1/2/2024 18:52	20402 ASHF_T2	0	2	2	0	0.1	0.1	0	0	0	0	0	0	0	0
1/2/2024 18:52	24902 WHHA_T1	0	0	0	0	0	0	0.49	0.51	0	0	0	0	0	0
1/2/2024 18:52	26803 JAFR_T1	0	0	0	0	0	0	-0.33	-0.31	1	1	0	900	900	0
1/2/2024 18:52	60701 BREC_T1	0	0	0	0	0	0	-0.41	-0.35	1	1	0	600	600	0
1/2/2024 18:52	67503 WEWI_T2	0	0	0	0	0	0	-0.09	-0.04	0	0	0	0	0	0
1/2/2024 18:52	47401 PENS_T1	0	0	0	0	0	0	-0.34	-0.4	0	0	0	0	0	0
1/2/2024 18:52	61306 EARL_T1	2	3	1	0.1	0.1	0	0	0	0	0	0	0	0	0
1/2/2024 18:52	64201 KINZ_T1	107	144	37	0.29	0.2	-0.09	0	0	0	0	0	0	0	0
1/2/2024 18:52	27502 WEIS_T2	0	0	0	0	0	0	-0.39	-0.4	0	0	0	0	0	0
1/2/2024 18:52	24902 WHHA_T1	0	0	0	0	0	0	0.49	0.51	0	0	0	0	0	0
1/2/2024 18:52	52101 MEIS_T1	0	1	1	0	0.6	0.6	0	0	0	0	0	0	0	0
1/2/2024 18:52	59101 WALK_T2	1	1	0	0	0	0	1.82	1.31	1	1	0	450	450	0
1/2/2024 18:52	13302 ORVI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1/2/2024 18:53	46302 ROHR_T1	3	7	4	0.5	1.5	1	0.24	0.26	0	0	0	0	0	0
1/2/2024 18:53	46001 BERW_T1	0	0	0	0	0	0	0.95	1	0	0	0	0	0	0
1/2/2024 18:53	67103 SPRI_T1	0	0	0	0	0	0	-0.06	-0.06	0	0	0	0	0	0
1/2/2024 18:53	47401 PENS_T1	0	0	0	0	0	0	-0.4	-0.38	0	0	0	0	0	0
1/2/2024 18:53	47001 HUGH_T2	0	0	0	0	0	0	-0.51	-0.51	0	0	0	0	0	0
1/2/2024 18:53	60701 BREC_T1	0	0	0	0	0	0	-0.41	-0.35	1	1	0	600	600	0
1/2/2024 18:54	67001 STHI_T2	1	17	16	0.7	0.14	-0.56	0	0	0	0	0	0	0	0
1/2/2024 18:54	42601 TUSC_T1	7	10	3	0.26	0.2	-0.06	-0.3	-0.38	4	4	0	3600	3600	0
1/2/2024 18:54	29402 BELT_T1	1	1	0	7.2	7.6	0.4	0	0	0	0	0	0	0	0
1/2/2024 18:54	52006 LING_T2	2	2	0	0.25	0.55	0.3	0	0	0	0	0	0	0	0
1/2/2024 18:54	40502 CRES_T2	6	10	4	0.15	0.19	0.04	-2.1	-1.86	0	0	0	0	0	0
1/2/2024 18:54	29401 BELT_T1	27	61	34	0.18	0.38	0.2	0	0	1	1	0	900	900	0
1/2/2024 18:54	44301 BEAV_T2	1	1	0	0.7	0.4	-0.3	-0.15	-0.16	1	1	0	600	600	0
1/2/2024 18:54	60803 BUCK_T1	0	0	0	0	0	0	-1.38	-1.39	1	1	0	600	600	0
1/2/2024 18:54	48302 ORWI_T2	2	3	1	1.65	1.1	-0.55	-0.52	0.09	0	0	0	0	0	0
1/2/2024 18:54	53903 HAU_T2	2	2	0	1.4	1.5	0.1	0	0	0	0	0	0	0	0
1/2/2024 18:54	14403 SSLA_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1/2/2024 18:54	47403 PENS_T1	1	1	0	2.2	2.4	0.2	0	0	0	0	0	0	0	0
1/2/2024 18:54	10705 CATA_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1/2/2024 18:54	16302 ALPA_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1/2/2024 18:55	64702 LITI_T2	0	0	0	0	0	0	-0.77	-0.79	0	0	0	0	0	0
1/2/2024 18:55	56802 BENV_T2	3	4	1	0.27	0.3	0.03	-1.17	-1.15	0	0	0	0	0	0
1/2/2024 18:55	46903 MNTG_T2	0	106	106	0	0.19	0.19	-0.33	-0.32	1	1	0	600	600	0
1/2/2024 18:55	46302 ROHR_T1	3	7	4	0.5	1.5	1	0	0	0	0	0	0	0	0
1/2/2024 18:55	67502 WEWI_T2	0	0	0	0	0	0	-1.33	-1.29	1	1	0	900	900	0
1/2/2024 18:56	60101 COCA_T1	0	1	1	0	0	0	1.12	1.23	0	0	0	0	0	0
1/2/2024 18:56	66505 SMAN_T2	3	3	0	0.27	0.33	0.06	-0.53	-0.44	2	2	0	1100	1100	0
1/2/2024 18:56	13503 MCMI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1/2/2024 18:56	67502 WEWI_T2	0	0	0	0	0	0	-1.33	-1.29	1	1	0	900	900	0
1/2/2024 18:56	42201 SHEN_T2	0	0	0	0	0	0	0.12	0.1	1	1	0	600	600	0
1/2/2024 18:56	67001 STHI_T2	1	17	16	0.7	0.14	-0.56	0	0	0	0	0	0	0	0
1/2/2024 18:56	45501 DERR_T2	3	1	-2	0.23	0	-0.23	0.64	0.67	2	2	0	1800	1800	0
1/2/2024 18:56	40502 CRES_T2	6	10	4	0.15	0.19	0.04	-2.8	-2.48	0	0	0	0	0	0
1/2/2024 18:56	44301 BEAV_T2	1	1	0	0.7	0.4	-0.3	-0.15	-0.16	1	1	0	600	600	0
1/2/2024 18:56	40101 HUNT_T2	316	332	16	1.07	0.79	-0.28	-0.53	-0.54	0	0	0	0	0	0
1/2/2024 18:57	46301 ROHR_T1	0	1	1	0	0	0	-0.65	-0.69	0	0	0	0	0	0
1/2/2024 18:57	65003 NEFF_T2	1	2	1	0.1	0.15	0.05	0	0	0	0	0	0	0	0
1/2/2024 18:57	64201 KINZ_T1	107	144	37	0.29	0.2	-0.09	-1.36	-1.43	6	6	0	3000	3000	0
1/2/2024 18:57	52403 GRPA_T2	2	1	-1	0.45	0	-0.45	0	0	0	0	0	0	0	0
1/2/2024 18:57	67602 WARW_T2	0	0	0	0	0	0	0.42	0.47	0	0	0	0	0	0
1/2/2024 18:57	45501 DERR_T2	3	1	-2	0.23	0	-0.23	0.64	0.67	2	2	0	1800	1800	0
1/2/2024 18:57	61303 EARL_T1	0	0	0	0	0	0	0.28	0.21	0	0	0	0	0	0
1/2/2024 18:57	42801 SELI_T1	1	1	0	0	0	0	0	0	0	0	0	0	0	0
1/2/2024 18:57	16302 ALPA_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1/2/2024 18:57	44601 SALE_T2	0	0	0	0	0	0	-0.01	-0.03	0	0	0	0	0	0
1/2/2024 18:57	49803 UNIV_T1	0	0	0	0	0	0	-0.96	-0.98	0	0	0	0	0	0
1/2/2024 18:57	54001 SDLE_T1	4	4	0	0.45	0.95	0.5	0	0	0	0	0	0	0	0
1/2/2024 18:57	59003 MIFF_T1	0	0	0	0	0	0	-0.61	-1.67	0	0	0	0	0	0
1/2/2024 18:57	55002 NEWP_T1	3	3	0	0.53	0.6	0.07	-0.18	-0.16	0	0	0	0	0	0
1/2/2024 18:57	46903 MNTG_T2	0	106	106	0	0.19	0.19	-0.33	-0.32	1	1	0	600	600	0
1/2/2024 18:58	42801 SELI_T1	1	1	0	0	0	0	0	0	0	0	0	0	0	0
1/2/2024 18:58	66503 SMAN_T2	1	8	7	0.1	0.15	0.05	0	0	0	0	0	0	0	0
1/2/2024 18:58	20401 ASHF_T2	1	0	-1	0.2	0	-0.2	0	0	0	0	0	0	0	0
1/2/2024 18:58	10705 CATA_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1/2/2024 18:58	67602 WARW_T2	0	0	0	0	0	0	0.42	0.47	0	0	0	0	0	0
1/2/2024 18:58	41801 GOCI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1/2/2024 18:58	45502 DERR_T2	1	1	0	0.9	0	-0.9	0	0	0	0	0	0	0	0
1/2/2024 18:58	64702 LITI_T2	0	0	0	0	0	0	-0.77	-0.79	0	0	0	0	0	0
1/2/2024 18:58	24901 WHHA_T1	0	0	0	0	0	0	0.53	0.51	0	0	0	0	0	0
1/2/2024 18:58	57401 SPAN_T1	2	4	2	0.7	0.4	-0.3	-0.66	-0.64	1	1	0	600	600	0
1/2/2024 18:58	40502 CRES_T2	6	10	4	0.15	0.19	0.04	-2.1	-1.86	0	0	0	0	0	0
1/2/2024 18:58	12701 MACU_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1/2/2024 18:58	64301 LINC_T1	0	0	0	0	0	0	-0.31	0.17	1	1	0	600	600	0
1/2/2024 18:58	57403 SPAN_T1	0	1	1	0	0.1	0.1	0.17	0.17	0	0	0	0	0	0
1/2/2024 18:58	56802 BENV_T2	3	4	1	0.27	0.3	0.03	-1.17	-1.15	0	0	0	0	0	0
1/2/2024 18:58	40601 PGR_T1	0	1	1	0	0.1	0.1	0	0	0	0	0	0	0	0
1/2/2024 18:58	47401 PENS_T1	0	0	0	0	0	0	-0.79	-0.77	0	0	0	0	0	0
1/2/2024 18:58	57301 MOAL_T2	1	7	6	0.1	0.23	0.13	0	0	0	0	0	0	0	0
1/2/2024 18:58	53501 EVIL_T2	0	1	1	0	0.4	0.4	-0.26	-0.17	0	0	0	0	0	0
1/2/2024 18:58	67605 WARW_T1	0	0	0	0	0	0	-0.92	-0.91	0	0	0	0	0	0
1/2/2024 18:58	62604 ENGL_T1	0	0	0	0	0	0	-0.49	-0.46	1	1	0	600	600	0
1/2/2024 18:58	59101 WALK_T2	1	1	0	0	0	0	1.31	1.38	1	1	0	450	450	0
1/2/2024 18:59	45702 LIND_T2	1	1	0	1.6	1.4	-0.2	-0.51	-0.48	0	0	0	0	0	0
1/2/2024 18:59	53501 EVIL_T2	0	1	1	0	0.4	0.4	-0.52	-0.33	0	0	0	0	0	0
1/2/2024 18:59	67603 WARW_T1	0	0	0	0	0	0	0.06	0.09	0	0	0	0	0	0
1/2/2024 18:59	46901 MNTG_T2	0	0	0	0	0	0	1.12	1.01	0	0	0	0	0	0
1/2/2024 18:59	52102 MEIS_T1	0	0	0	0	0	0	0	0	1	1	0	450	450	0
1/2/2024 18:59	67001 STHI_T2	1	17	16	0.7	0.14	-0.56	0	0	0	0	0	0	0	0
1/2/2024 18:59	42802 SELI_T1	0	0	0	0	0	0	-2.16	-2.13	1	1	0	900	900	0
1/2/2024 18:59	53901 HAU_T2	0	13	13	0	0.11	0.11	0	0	0	0	0	0	0	0
1/2/2024 18:59	47403 PENS_T1	1	1	0	2.2	2.4	0.2	0	0	0	0	0	0	0	0
1/2/2024 18:59	46004 BERW_T2	0	0	0	0	0	0	-0.52	-0.48	0	0	0	0	0	0
1/2/2024 18:59	53601 DALM_T2	0	0	0	0	0	0	-0.59	-0.65	1

Appendix C - Grid Benefits Achieved in Each Instance of Active Management

1/2/2024 19:01	65901 SAKR_T2	1	1	0	8.9	9.4	0.5	-1.32	-1.24	1	1	0	900	900	0
1/2/2024 19:01	56501 ROCK_T2	99	164	65	0.23	0.25	0.02	-1.24	-1.24	0	0	0	0	0	0
1/2/2024 19:01	67503 WEWI_T2	0	0	0	0	0	0	-0.04	-0.02	0	0	0	0	0	0
1/2/2024 19:02	57401 SPAN_T1	1	4	3	0.2	0.4	0.2	-0.66	-0.64	1	1	0	600	600	0
1/2/2024 19:02	52101 MEIS_T1	1	1	0	0.4	0.6	0.2	0	0	0	0	0	0	0	0
1/2/2024 19:02	61701 ELIZ_T1	1	1	0	5.1	5.5	0.4	0	0	0	0	0	0	0	0
1/2/2024 19:02	10705 CATA_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1/2/2024 19:02	67605 WARW_T1	0	0	0	0	0	0	-0.92	-0.91	0	0	0	0	0	0
1/2/2024 19:02	67402 WAKE_T2	0	0	0	0	0	0	-0.36	-0.35	1	1	0	600	600	0
1/2/2024 19:02	56802 BENV_T2	4	4	0	0.28	0.35	0.07	-2.34	-2.3	0	0	0	0	0	0
1/2/2024 19:02	43202 MVIL_T2	1	0	-1	0.9	0	-0.9	-0.65	-0.64	0	0	0	0	0	0
1/2/2024 19:02	59101 WALK_T2	1	1	0	0	0	0	1.31	1.38	1	1	0	450	450	0
1/2/2024 19:02	43201 MVIL_T2	0	0	0	0	0	0	-1.26	-1.26	0	0	0	0	0	0
1/2/2024 19:02	64101 REFR_T1	0	0	0	0	0	0	0.05	0.1	0	0	0	0	0	0
1/2/2024 19:02	40502 CRES_T2	9	12	3	0.14	0.21	0.07	-3.5	-3.11	0	0	0	0	0	0
1/2/2024 19:02	54501 ENOL_T2	0	0	0	0	0	0	0.16	0.15	0	0	0	0	0	0
1/2/2024 19:02	67502 WEWI_T2	0	0	0	0	0	0	-1.33	-1.29	1	1	0	900	900	0
1/2/2024 19:02	55002 NEWP_T1	3	3	0	0.33	0.63	0.3	-0.36	-0.32	0	0	0	0	0	0
1/2/2024 19:02	56501 ROCK_T2	99	164	65	0.23	0.25	0.02	-1.24	-1.24	0	0	0	0	0	0
1/2/2024 19:02	46903 MNTG_T2	0	106	106	0	0.19	0.19	-0.33	-0.32	1	1	0	600	600	0
1/2/2024 19:02	47403 PENS_T1	1	1	0	2.2	2.6	0.4	0	0	0	0	0	0	0	0
1/2/2024 19:02	13503 MCMI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1/2/2024 19:02	62604 ENGL_T1	0	0	0	0	0	0	-0.49	-0.46	1	1	0	600	600	0
1/2/2024 19:02	42201 SHEN_T2	0	0	0	0	0	0	0.12	0.1	1	1	0	600	600	0
1/2/2024 19:02	41801 GOCI_T2	0	1	-1	0	0	0	0	0	0	0	0	0	0	0
1/2/2024 19:03	65503 MOJO_T2	0	0	0	0	0	0	-0.46	-0.47	0	0	0	0	0	0
1/2/2024 19:03	54505 ENOL_T2	1	1	0	0.1	0.3	0.2	-1.15	-1.15	1	1	0	600	600	0
1/2/2024 19:03	57401 SPAN_T1	1	4	3	0.2	0.4	0.2	-1.32	-1.28	2	2	0	1200	1200	0
1/2/2024 19:03	56501 ROCK_T2	99	164	65	0.23	0.25	0.02	-3.73	-3.71	0	0	0	0	0	0
1/2/2024 19:03	67602 WARW_T2	0	0	0	0	0	0	0.42	0.47	0	0	0	0	0	0
1/2/2024 19:03	52101 MEIS_T1	1	1	0	0.4	0.6	0.2	0	0	0	0	0	0	0	0
1/2/2024 19:03	60201 ATGL_T2	0	0	0	0	0	0	0.16	0.19	1	1	0	300	300	0
1/2/2024 19:03	67502 WEWI_T2	0	0	0	0	0	0	-1.33	-1.29	1	1	0	900	900	0
1/2/2024 19:03	14403 SSLA_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1/2/2024 19:03	67502 WEWI_T2	0	0	0	0	0	0	-1.33	-1.29	1	1	0	900	900	0
1/2/2024 19:03	12701 MACU_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1/2/2024 19:03	51107 CARL_T1	0	0	0	0	0	0	-0.44	-0.45	0	0	0	0	0	0
1/2/2024 19:03	42801 SELI_T1	1	1	0	0	0	0	0	0	0	0	0	0	0	0
1/2/2024 19:03	46001 BERW_T1	0	0	0	0	0	0	1.91	2	0	0	0	0	0	0
1/2/2024 19:03	58402 MORO_T1	1	0	-1	1	0	-1	-0.63	-0.63	3	3	0	2400	2400	0
1/2/2024 19:03	46903 MNTG_T2	0	106	106	0	0.19	0.19	-0.33	-0.32	1	1	0	600	600	0
1/2/2024 19:03	54505 ENOL_T2	1	1	0	0.1	0.3	0.2	-1.15	-1.15	1	1	0	600	600	0
1/2/2024 19:03	13001 NBET_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1/2/2024 19:03	43202 MVIL_T2	1	0	-1	0.9	0	-0.9	-0.65	-0.64	0	0	0	0	0	0
1/2/2024 19:03	56802 BENV_T2	4	4	0	0.28	0.35	0.07	-1.17	-1.15	0	0	0	0	0	0
1/2/2024 19:03	44301 BEAV_T2	1	1	0	0.6	0	-0.6	-0.15	-0.16	1	1	0	600	600	0
1/2/2024 19:03	67605 WARW_T1	0	0	0	0	0	0	-0.92	-0.91	0	0	0	0	0	0
1/2/2024 19:03	60701 BREC_T1	0	0	0	0	0	0	-0.35	-0.42	1	1	0	600	600	0
1/2/2024 19:03	62604 ENGL_T1	0	0	0	0	0	0	-0.49	-0.46	1	1	0	600	600	0
1/2/2024 19:04	64902 MILL_T2	0	0	0	0	0	0	-0.32	-0.36	0	0	0	0	0	0
1/2/2024 19:04	54505 ENOL_T2	1	1	0	0.1	0.3	0.2	-1.15	-1.15	1	1	0	600	600	0
1/2/2024 19:04	57401 SPAN_T1	1	4	3	0.2	0.4	0.2	0	0	0	0	0	0	0	0
1/2/2024 19:04	56504 ROCK_T2	0	0	0	0	0	0	-0.22	-0.18	0	0	0	0	0	0
1/2/2024 19:04	62604 ENGL_T1	0	0	0	0	0	0	-0.98	-0.92	2	2	0	1200	1200	0
1/2/2024 19:04	56801 BENV_T1	17	15	-2	0.38	0.75	0.37	-0.54	-0.54	1	1	0	600	600	0
1/2/2024 19:04	59101 WALK_T2	1	1	0	0	0	0	1.31	1.38	1	1	0	450	450	0
1/2/2024 19:04	50105 HARR_T3	7	7	0	6.14	6.03	-0.11	0	0	0	0	0	0	0	0
1/2/2024 19:04	58003 WCAR_T1	1	2	1	0.7	0.7	0	-0.04	-0.07	1	1	0	600	600	0
1/2/2024 19:04	40502 CRES_T2	9	12	3	0.14	0.21	0.07	-1.4	-1.24	0	0	0	0	0	0
1/2/2024 19:04	42201 SHEN_T2	0	0	0	0	0	0	0.12	0.1	1	1	0	600	600	0
1/2/2024 19:04	53903 HALI_T2	2	2	0	1.4	1.5	0.1	-0.23	-0.22	0	0	0	0	0	0
1/2/2024 19:04	52402 GRPA_T2	4	6	2	0.93	0.98	0.05	-1.85	-2.04	0	0	0	0	0	0
1/2/2024 19:04	41902 REED_T1	1	13	12	0.1	0.4	0.3	1.23	1.15	0	0	0	0	0	0
1/2/2024 19:04	13704 SCHN_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1/2/2024 19:04	56802 BENV_T2	4	4	0	0.28	0.35	0.07	-3.52	-3.45	0	0	0	0	0	0
1/2/2024 19:04	45802 HEGI_T2	0	0	0	0	0	0	0.7	0.76	0	0	0	0	0	0
1/2/2024 19:05	41402 BENT_T1	0	0	0	0	0	0	-1.53	-1.51	2	2	0	1500	1500	0
1/2/2024 19:05	51107 CARL_T1	0	0	0	0	0	0	-0.44	-0.45	0	0	0	0	0	0
1/2/2024 19:05	67001 STHI_T2	1	17	16	0.7	0.14	-0.56	0	0	0	0	0	0	0	0
1/2/2024 19:05	61303 EARL_T1	0	0	0	0	0	0	0.28	0.21	0	0	0	0	0	0
1/2/2024 19:05	46903 MNTG_T2	0	106	106	0	0.19	0.19	0	0	0	0	0	0	0	0
1/2/2024 19:05	45501 DERR_T2	1	0	-1	0.4	0	-0.4	0.64	0.67	2	2	0	1800	1800	0
1/2/2024 19:05	42802 SELI_T1	0	0	0	0	0	0	-4.32	-4.25	2	2	0	1800	1800	0
1/2/2024 19:05	53501 EVIL_T2	1	1	0	0.1	0.4	0.3	-0.26	-0.17	0	0	0	0	0	0
1/2/2024 19:05	67502 WEWI_T2	0	0	0	0	0	0	-2.67	-2.58	2	2	0	1800	1800	0
1/2/2024 19:05	61801 EELI_T2	0	0	0	0	0	0	-1.78	-1.76	2	2	0	1200	1200	0
1/2/2024 19:06	54502 ENOL_T2	0	0	0	0	0	0	-1.9	-1.9	1	1	0	600	600	0
1/2/2024 19:06	52403 GRPA_T2	1	7	6	0.1	0.1	0	0.15	0.14	0	0	0	0	0	0
1/2/2024 19:06	64101 REFR_T1	0	0	0	0	0	0	0.02	0.05	0	0	0	0	0	0
1/2/2024 19:06	42802 SELI_T1	0	0	0	0	0	0	-2.16	-2.13	1	1	0	900	900	0
1/2/2024 19:06	20403 ASHF_T2	0	0	0	0	0	0	0.54	0.51	0	0	0	0	0	0
1/2/2024 19:06	58302 NOTT_T1	0	0	0	0	0	0	-0.5	-0.48	1	1	0	1200	1200	0
1/2/2024 19:06	40101 HUNT_T2	298	326	28	0.86	0.55	-0.31	-1.05	-1.08	0	0	0	0	0	0
1/2/2024 19:06	46001 BERW_T1	0	0	0	0	0	0	0.95	1	0	0	0	0	0	0
1/2/2024 19:06	67603 WARW_T1	0	0	0	0	0	0	0.06	0.09	0	0	0	0	0	0
1/2/2024 19:06	56501 ROCK_T2	99	164	65	0.23	0.25	0.02	0	0	0	0	0	0	0	0
1/2/2024 19:07	65003 NEFF_T2	2	0	-2	0.15	0	-0.15	0	0	0	0	0	0	0	0
1/2/2024 19:07	52504 PROG_T1	1	102	101	0.1	0.13	0.03	0	0	0	0	0	0	0	0
1/2/2024 19:07	52402 GRPA_T2	4	6	2	0.93	0.98	0.05	0	0	0	0	0	0	0	0
1/2/2024 19:07	57303 MOAL_T2	1	1	0	6.7	6.6	-0.1	0	0	0	0	0	0	0	0
1/2/2024 19:07	52101 MEIS_T1	1	1	0	0.4	0.6	0.2	0	0	0	0	0	0	0	0
1/2/2024 19:07	60701 BREC_T1	0	0	0	0	0	0	-0.35	-0.42	1	1	0	600	600	0
1/2/2024 19:07	45402 WBLO_T2	0	0	0	0	0	0	-0.54	-0.57	0	0	0	0	0	0
1/2/2024 19:07	56802 BENV_T2	4	4	0	0.28	0.35	0.07	-1.17	-1.15	0	0	0	0	0	0
1/2/2024 19:07	64101 REFR_T1	0	0	0	0	0	0	0.02	0.05	0	0	0	0	0	0
1/2/2024 19:07	57401 SPAN_T1	1	4	3	0.2	0.4	0.2	0	0	0	0	0	0	0	0
1/2/2024 19:07	46301 ROHR_T1	1	0	-1	0.1	0	-0.1	0	0	0	0	0	0	0	0
1/2/2024 19:07	67503 WEWI_T2	0	0	0	0	0	0	-0.04	-0.02	0	0	0	0	0	0
1/2/2024 19:07	58402 MORO_T1	1	0	-1	1	0	-1	-0.63	-0.63	3	3	0	2400	2400	0
1/2/2024 19:08	52402 GRPA_T2	4	6	2	0.93	0.98	0.05	0	0	0	0	0	0	0	0
1/2/2024 19:08	60701 BREC_T1	0	0	0	0	0	0	-0.7	-0.83	2	2	0	1200	1200	0
1/2/2024 19:08	40101 HUNT_T2	298	326	28	0.86	0.55	-0.31	-0.54	-0.57	0	0	0	0	0	0
1/2/2024 19:08	64802 MONE_T2	0	0	0	0	0	0	0	-0.02	0	0	0	0	0	0
1/2/2024 19:08	60101 COCA_T1	1	0	-1	0.3	0	-0.3	0.37	0.41	0	0	0	0	0	0
1/2/2024 19:08	58402 MORO_T1	1	0	-1	1	0	-1	-0.63	-0.63	3	3	0	2400	2400	0
1/2/2024 19:08	67203 TEHI_T1	1	0	-1	0.4	0	-0.4	2.03	2.2	1	2	1	600	1500	900
1/2/2024 19:08	54001 SDLE_T1	3	4	1	0.8	0.95	0.15	0	0	0	0	0	0	0	0
1/2/2024 19:08	64101 REFR_T1	0	0	0	0	0	0	0.02	0.05	0	0	0	0	0	0
1/2/2024 19:08	41901 REED_T1	8	9	1	0.5	0.5	0	0	0	0	0	0	0	0	0
1/2/2024 19:08	56802 BENV_T2	4	4	0	0.28	0.35	0.07	-1.17	-1.15	0	0	0	0	0	0
1/2/2024 19:08	53901 HALI_T2	0	13	13	0	0.11	0.11	0	0	0	0	0	0	0	0
1/2/2024 19:08	40502 CRES_T2	9	12	3	0.14	0.21	0.07	-1.86	-2.05	0	0	0	0	0	0
1/2/2024 19:08	41801 GOCI_T2	0	1	1	0	0	0	0	0	0	0	0	0	0	0
1/2/2024 19:08	43402 BENT_T1	0	0	0	0	0	0	-1.53	-1.51	2	2	0	1500	1500	0
1/2/2024 19:08	60604 NCOL_T2	0	0	0	0	0	0	0.26	0.36	0	0	0	0	0	0
1/2/2024 19:09	56801 BENV_T1	17	15	-2	0.38	0.75	0.37	-0.54	-0.51	1	1	0	600	600	0
1/2/2024 19:09	56802 BENV_T2	4	4	0	0.28	0.35	0.07	-2.3	-2.32	0	0	0	0	0	0
1/2/2024 19:09	61303 EARL_T1	0	0	0	0	0	0	0.21	0.16	0	0	0	0	0	0
1/2/2024 19:09	61801 EELI_T2	0	0	0	0	0	0	-0.88	-0.89	1	1	0	600	600	0
1/2/2024 19:09	54206 PENN_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1/2/2024 19:09	53903 HALI_T2	2	2	0	1.4	1.5	0.1	-0.22	-0.23	0	0	0	0	0	0
1/2/2024 19:09	64101 REFR_T1	0	0	0	0	0	0	0.05	0.02	0	0	0	0	0	0
1/2/2024 19:09	12701 MACU_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1/2/2024 19:09	57401 SPAN_T1	1	4	3	0.2	0.4	0.2	-0.64	-0.61	1	1	0	600	600	0
1/2/2024 19:09	43402 BENT_T1	0	0	0	0	0	0	-1.51	-1.54	2	2	0	1500	1500	0
1/2/2024 19:09	67401 WAKE_T2	0	0	0	0	0	0	-1.12	-1.11	0	0	0	0	0	0
1/2/2024 19:10	64204 KINZ_T1	1	1	0	0.4	0.7	0.3	0	0	0	0	0	0	0	0
1/2/2024 19:10	67605 WARW_T1	0	0	0	0	0	0	-0.91	-1.1	0	0	0	0	0	0
1/2/2024 19:10	55105 WERT_T1	0	0	0	0	0	0	-0.38	-0.37	1	1	0	900	900	0
1/2/2024 19:10	54001 SDLE_T1	3	4	1	0.8	0.95	0.15	0	0	0	0	0	0	0	0
1/2/2024 19:10	49803 UNIV_T1	0	0	0	0	0	0	-0.98	-1.02	0	0	0	0	0	0
1/2/2024 19:10	53903 HALI_T2	2	2	0	1.4	1.5	0.1	0	0	0	0	0	0	0	0
1/2/2024 19:11	52101 MEIS_T1	1	1	0	0.4	0.6	0.2	0	0	0	0	0	0	0	0
1/2/2024 19:11	66503 SMAN_T2	0	8	8	0	0.15	0.15	0	0	0	0	0	0	0	0
1/2/2024 19:11	67201 TEHI_T1	0	0	0	0	0	0	-0.51	-0.6	1	1	0	900	900	0
1/2/2024 19:11	54206 PENN_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1/2/2024 19:11	64101 REFR_T1	0	0	0	0	0	0	0.05	0.02	0	0	0	0	0	0
1/2/2024 19:11	53902 HALI_T2	0	0	0	0	0	0	-0.86	-0.91	0	0	0	0	0	0
1/2/2024 19:12	54505 ENOL_T2	1	1	0	0.1	0.3	0.2	0	0	0	0	0	0	0	0
1/2/2024 19:12	53501 EVIL_T2	1	1	0	0.1	0.4	0.3	-0.17	-0.21	0	0	0	0	0	0
1/2/2024 19:12	66703 STRA_T1	0	0	0	0	0	0	-0.15	-0.16	0	0	0	0	0	0
1/2/2024 19:20	40101 HUNT_T2	322	223	-99	0.84	0.54	-0.3	-0.54	-0.57	0	0	0	0	0	0
1/2/2024 19:23	57401 SPAN_T1	4	3	-1	0.4	0.43	0.03	-0.64	-0.61	1	1	0	600	600	0
1/2/2024 19:23	65001 NEFF_T2	0	0	0	0	0	0	-0.77	-0.81	1	1	0	1200	1200	0
1/2/2024 19:28	43402 BENT_T1	0	0	0	0	0	0	-1.54	-1.51	2	1	-1	1500	900	-600
1/2/2024 19:29	67605 WARW_T1	0	0	0	0	0	0	-1.1	-0.95	0	0	0	0	0	0
1/2/2024 19:29	43402 BENT_T1	0	0	0	0	0	0	-1.54	-1.51	2	1	-1	1500	900	-600
1/2/2024 19:30	67605 WARW_T1	0	0	0	0	0	0	-1.1	-0.95	0	0	0	0	0	0
1/2/2024 19:30	56802 BENV_T2	4	11	7	0.35	0.27	-0.08	-1.16	-1.2	0	0	0	0	0	0
1/2/2024 19:36	52402 GRPA_T2	6	5	-1	0.82	1.33	0.51	0	0	0	0	0	0	0	0
1/2/2024 19:41	67502 WEWI_T2	0	0	0	0	0	0	-1.29	-1.31	1	1	0	900	900	0
1/2/2024 19:48	43402 BENT_T1	0	0	0	0	0	0	-1.51	-0.94	1	1	0	900	900	0
1/2/2024 19:49	64203 KINZ_T1	0	0	0	0	0	0	-0.45	-0.49	1	1	0	600	600	0
1/2/2024 19:49	67605 WARW_T1	0	0	0	0	0	0	-0.95	-0.96	0	0	0	0	0	0
1/2/2024 19:49	43402 BENT_T1	0	0	0	0	0	0	-1.51	-0.94	1	1	0	900	900	0
1/2/2024 19:50	67605 WARW_T1	0	0	0	0	0	0	-0.95	-0.96	0	0	0	0	0	0
1/2/2024 19:50	64201 KINZ_T1	174	334	160	0.34	0.65	0.31	0	0	0	0	0	0	0	0
1/2/2024 20:08	43402 BENT_T1	0	0	0	0	0	0	-0.94	-1.53	2	2	0	1500	1500	0
1/2/2024 20:09	64201 KINZ_T1	303	334	31	0.46	0.67	0.21	0	0	0	0	0	0	0	0
1/2/2024 20:09	43402 BENT_T1	0	0	0	0	0	0	-1.53	-1.52	2	2	0	1500	1500	0
1/2/2024 20:09	67605 WARW_T1	0	0	0	0	0	0	-0.96	-0.96	0	0	0	0	0	0
1/2/2024 20:10	64204 KINZ_T1	1	1	0	0.9	0.7	-0.2	0	0	0	0	0	0	0	0
1/2/2024 20:10	67605 WARW_T1	0	0	0	0	0	0	-0.96	-0.96	0	0	0	0	0	0
1/2/2024 20:15	65001 NEFF_T2	0	0	0	0	0	0	-0.87	-0.79	1	1	0	1200	1200	0
1/2/2024 20:20	44301 BEAV_T2	1	1	0	0.5	0	-0.5	0.06	0	1	1	0	600	600	0
1/2/2024 20:28	43402 BENT_T1	0	0	0	0	0	0	-1.52	-1.51	2	2	0	1500	1500	0
1/2/2024 20:29	43402 BENT_T1	0	0	0	0	0	0	-1.52	-1.51	2	2	0	1500	1500	0
1/2/2024 20:29	64201 KINZ_T1	326	335	9	0.65	0.66	0.01	0	0	0	0	0	0	0	0
1/2/2024 20:29	67605 WARW_T1	0	0	0	0	0	0	-0.96	-0.98	0	0	0	0	0	0
1/2/2024 20:30	64204 KINZ_T1	1	1	0	0.6	0.8	0.2	0	0	0	0	0	0	0	0
1/2/2024 20:30	67605 WARW_T1	0	0	0	0	0	0	-0.96	-0.98	0	0	0	0	0	0
1/2/2024 20:40	12701 MACU_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1/2/2024 20:48	43402 BENT_T1	0	0	0	0	0	0	-1.51	-1.56	2	2	0	1500	1500	0
1/2/2024 20:49	67605 WARW_T1	0	0	0	0	0	0	-0.98	-1.02	0	0	0	0	0	0
1/2/2024 20:49	43402 BENT_T1	0	0	0	0	0	0	-1.51	-1.56	2	2	0	1500	1500	0
1/2/2024 20:50	67605 WARW_T1	0	0	0	0	0	0	-0.98	-1.02	0	0	0	0	0	0
1/2/2024 21:08	43402 BENT_T1	0	2	2	0	0	0	-1.56	-0.9	2	1	-1	1500	900	-600
1/2/2024 21:09	67605 WARW_T1	0	0	0	0	0	0	-1.01	-1.04	0	0	0	0	0	0
1/2/2024 21:09	64203 KINZ_T1	0	0	0	0	0	0	-0.54

1/3/2024 0:09	43402 BENT_T1	0	0	0	0	0	0	-1.58	-1.57	2	2	0	1500	1500	0
1/3/2024 0:28	43402 BENT_T1	0	0	0	0	0	0	-1.57	-1.58	2	2	0	1500	1500	0
1/3/2024 0:29	43402 BENT_T1	0	0	0	0	0	0	-1.57	-1.58	2	2	0	1500	1500	0
1/3/2024 0:48	43402 BENT_T1	0	0	0	0	0	0	-1.58	-1.59	2	2	0	1500	1500	0
1/3/2024 0:49	43402 BENT_T1	0	0	0	0	0	0	-1.58	-1.59	2	2	0	1500	1500	0
1/3/2024 1:08	43402 BENT_T1	0	0	0	0	0	0	-1.59	-1.59	2	2	0	1500	1500	0
1/3/2024 1:09	43402 BENT_T1	0	0	0	0	0	0	-1.59	-1.59	2	2	0	1500	1500	0
1/3/2024 1:28	43402 BENT_T1	0	0	0	0	0	0	-1.59	-1.58	2	2	0	1500	1500	0
1/3/2024 1:29	43402 BENT_T1	0	0	0	0	0	0	-1.59	-1.58	2	2	0	1500	1500	0
1/3/2024 1:48	43402 BENT_T1	0	0	0	0	0	0	-1.58	-1.58	2	2	0	1500	1500	0
1/3/2024 1:49	43402 BENT_T1	0	0	0	0	0	0	-1.58	-1.58	2	2	0	1500	1500	0
1/3/2024 2:08	43402 BENT_T1	0	0	0	0	0	0	-1.58	-1.59	2	2	0	1500	1500	0
1/3/2024 2:09	43402 BENT_T1	0	0	0	0	0	0	-1.59	-1.6	2	2	0	1500	1500	0
1/3/2024 2:23	65001 NEFF_T2	0	0	0	0	0	0	-1.22	-1.23	1	1	0	1200	1200	0
1/3/2024 3:15	65001 NEFF_T2	0	0	0	0	0	0	-1.24	-1.21	1	1	0	1200	1200	0
1/3/2024 5:11	65001 NEFF_T2	0	0	0	0	0	0	-1.06	-1.03	1	1	0	1200	1200	0
1/3/2024 5:34	59202 THOM_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1/3/2024 5:42	65001 NEFF_T2	0	0	0	0	0	0	-1	-0.95	1	1	0	1200	1200	0
1/3/2024 6:19	65001 NEFF_T2	0	0	0	0	0	0	-0.89	-0.73	1	1	0	1200	1200	0
1/3/2024 6:35	65001 NEFF_T2	0	0	0	0	0	0	-0.73	-0.7	1	1	0	1200	1200	0
1/3/2024 6:45	65001 NEFF_T2	0	0	0	0	0	0	-0.7	-0.72	1	1	0	1200	1200	0
1/3/2024 7:32	65001 NEFF_T2	0	0	0	0	0	0	-0.58	-0.48	1	1	0	1200	1200	0
1/3/2024 8:07	43402 BENT_T1	0	0	0	0	0	0	-1.48	-1.5	2	2	0	1500	1500	0
1/3/2024 8:08	43402 BENT_T1	0	0	0	0	0	0	-1.5	-1.49	2	2	0	1500	1500	0
1/3/2024 8:08	52403 GRPA_T2	11	1	-10	0.62	0	0	-0.62	0	0	0	0	0	0	0
1/3/2024 8:09	45501 DERR_T2	1	0	-1	0.2	0	-0.2	1.85	1.86	4	4	0	3600	3600	0
1/3/2024 8:11	52402 GRPA_T2	1	3	2	2.9	1.43	-1.47	0	0	0	0	0	0	0	0
1/3/2024 8:12	40101 HUNT_T2	134	193	59	0.44	0.41	-0.03	-0.37	-0.33	0	0	0	0	0	0
1/3/2024 8:12	55002 NEWP_T1	5	6	1	0.16	1.03	0.87	-0.15	-0.18	0	0	0	0	0	0
1/3/2024 8:15	55002 NEWP_T1	6	6	0	0.83	1.03	0.2	-0.3	-0.36	0	0	0	0	0	0
1/3/2024 8:18	55002 NEWP_T1	6	6	0	0.83	1.03	0.2	-0.15	-0.18	0	0	0	0	0	0
1/3/2024 8:20	40502 CRES_T2	7	8	1	0.16	0.28	0.12	-1	-1.08	0	0	0	0	0	0
1/3/2024 8:21	59101 WALK_T2	1	1	0	0	0	0	2.03	2.29	0	0	0	0	0	0
1/3/2024 8:26	43402 BENT_T1	0	1	1	0	0	0	-1.49	-1.46	2	2	0	1500	1500	0
1/3/2024 8:27	43402 BENT_T1	0	1	1	0	0	0	-1.49	-1.46	2	2	0	1500	1500	0
1/3/2024 8:33	67103 SPRI_T1	0	0	0	0	0	0	-0.12	0	0	0	0	0	0	0
1/3/2024 8:35	49803 UNIV_T1	0	0	0	0	0	0	-1.01	-0.99	0	0	0	0	0	0
1/3/2024 8:35	60305 TWVA_T2	0	0	0	0	0	0	-1.42	-1.43	2	2	0	2400	2400	0
1/3/2024 8:38	40502 CRES_T2	8	7	-1	0.28	0.14	-0.14	-0.62	-0.58	0	0	0	0	0	0
1/3/2024 8:38	53601 DALM_T2	1	2	1	0.8	0.8	0	-0.24	-0.22	1	1	0	600	600	0
1/3/2024 8:46	43402 BENT_T1	1	0	-1	0.8	0	-0.8	-1.46	-1.44	2	2	0	1500	1500	0
1/3/2024 8:46	65001 NEFF_T2	0	0	0	0	0	0	-0.47	-0.46	1	1	0	1200	1200	0
1/3/2024 8:47	43402 BENT_T1	1	0	-1	0.8	0	-0.8	-1.46	-1.44	2	2	0	1500	1500	0
1/3/2024 8:48	29401 BELT_T1	43	81	38	0.23	0.34	0.11	0	0	0	0	0	0	0	0
1/3/2024 8:51	60305 TWVA_T2	0	0	0	0	0	0	-1.43	-1.43	2	2	0	2400	2400	0
1/3/2024 8:56	65001 NEFF_T2	0	0	0	0	0	0	-0.46	-0.48	1	1	0	1200	1200	0
1/3/2024 9:00	67503 WEWI_T2	0	0	0	0	0	0	0.1	0.04	0	0	0	0	0	0
1/3/2024 9:00	59101 WALK_T2	1	2	1	0	0	0	0	0	0	0	0	0	0	0
1/3/2024 9:00	46004 BERW_T2	0	0	0	0	0	0	-0.32	-0.35	0	0	0	0	0	0
1/3/2024 9:00	23401 HONE_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1/3/2024 9:00	58402 MORO_T1	0	0	0	0	0	0	-0.94	-0.93	3	3	0	2400	2400	0
1/3/2024 9:00	48902 FOSP_T2	0	0	0	0	0	0	-0.5	-0.72	0	0	0	0	0	0
1/3/2024 9:00	43304 WATS_T2	8	8	-8	0.26	0	-0.26	-0.77	-0.07	1	0	-1	600	0	600
1/3/2024 9:00	66902 SHIL_T2	183	0	-183	0.19	0	-0.19	0	0	0	0	0	0	0	0
1/3/2024 9:00	52102 MEIS_T1	0	0	0	0	0	0	0	0	1	1	0	450	450	0
1/3/2024 9:00	43001 ALWD_T1	0	0	0	0	0	0	0	0	1	1	0	0	1200	1200
1/3/2024 9:00	41902 REED_T1	1	2	1	0.4	0	-0.4	0.41	0.42	0	0	0	0	0	0
1/3/2024 9:00	59202 THOM_T1	1	2	1	0.3	0.1	-0.2	0	0	0	0	0	0	0	0
1/3/2024 9:00	43402 BENT_T1	0	0	0	0	0	0	-1.44	-1.44	2	2	0	1500	1500	0
1/3/2024 9:01	54505 ENOL_T2	1	1	0	0.5	0.7	0.2	0	0	0	0	0	0	0	0
1/3/2024 9:01	67001 STHI_T2	1	8	7	0.4	0.24	-0.16	0	0	0	0	0	0	0	0
1/3/2024 9:01	49803 UNIV_T1	0	0	0	0	0	0	-1.03	-1.01	0	0	0	0	0	0
1/3/2024 9:02	56802 BENV_T2	87	22	-65	0.26	0.2	-0.06	-1.28	-1.23	0	0	0	0	0	0
1/3/2024 9:02	64702 LITI_T2	0	0	0	0	0	0	-0.68	-0.68	0	0	0	0	0	0
1/3/2024 9:04	64101 REFR_T1	0	0	0	0	0	0	0.02	0.02	0	0	0	0	0	0
1/3/2024 9:06	45501 DERR_T2	0	6	6	0	0	0	0.88	0.83	2	2	0	1800	1800	0
1/3/2024 9:06	42903 MIDD_T2	0	0	0	0	0	0	0.31	0.5	1	1	0	1200	1200	0
1/3/2024 9:07	44201 POIN_T1	0	0	0	0	0	0	-0.64	-1	1	1	0	900	900	0
1/3/2024 9:07	45501 DERR_T2	0	0	0	0	0	0	0.88	0.83	2	2	0	1800	1800	0
1/3/2024 9:08	27502 WEIS_T2	0	0	0	0	0	0	-0.36	-0.34	0	0	0	0	0	0
1/3/2024 9:08	67402 WAKE_T2	0	0	0	0	0	0	-0.29	-0.3	1	1	0	600	600	0
1/3/2024 9:08	45501 DERR_T2	0	0	0	0	0	0	0.83	0.96	2	2	0	1800	1800	0
1/3/2024 9:08	40502 CRES_T2	7	1	-6	0.14	0.1	-0.04	-1.2	-1.22	0	0	0	0	0	0
1/3/2024 9:09	53601 DALM_T2	1	1	0	0.6	0.5	-0.1	-0.26	-0.24	1	1	0	600	600	0
1/3/2024 9:09	57403 SPAN_T1	0	0	0	0	0	0	0.22	0.17	0	0	0	0	0	0
1/3/2024 9:09	52403 GRPA_T2	1	0	-1	0.1	0	-0.1	0	0	0	0	0	0	0	0
1/3/2024 9:10	52402 GRPA_T2	5	5	0	1.16	1.16	0	-0.94	-1	0	0	0	0	0	0
1/3/2024 9:12	52102 MEIS_T1	0	0	0	0	0	0	0	0	1	1	0	450	450	0
1/3/2024 9:13	52102 MEIS_T1	0	0	0	0	0	0	0	0	2	2	0	900	900	0
1/3/2024 9:14	64101 REFR_T1	0	0	0	0	0	0	0.05	-0.02	0	0	0	0	0	0
1/3/2024 9:17	64101 REFR_T1	0	1	1	0	0.1	0.1	0.02	-0.01	0	0	0	0	0	0
1/3/2024 9:18	67103 SPRI_T1	0	0	0	0	0	0	-0.05	-0.04	0	0	0	0	0	0
1/3/2024 9:18	59101 WALK_T2	1	1	0	0	0	0	2.27	2.47	0	0	0	0	0	0
1/3/2024 9:18	64101 REFR_T1	0	1	1	0	0.1	0.1	0.02	-0.01	0	0	0	0	0	0
1/3/2024 9:19	59101 WALK_T2	1	1	0	0	0	0	2.27	2.47	0	0	0	0	0	0
1/3/2024 9:19	64101 REFR_T1	0	1	1	0	0.1	0.1	0.03	-0.01	0	0	0	0	0	0
1/3/2024 9:20	67204 TEHI_T2	0	0	0	0	0	0	0.16	0.05	0	0	0	0	0	0
1/3/2024 9:20	29402 BELT_T1	3	2	-1	2.73	3.75	1.02	0	0	0	0	0	0	0	0
1/3/2024 9:20	67103 SPRI_T1	0	0	0	0	0	0	-0.05	-0.04	0	0	0	0	0	0
1/3/2024 9:20	59101 WALK_T2	1	1	0	0	0	0	2.27	2.47	0	0	0	0	0	0
1/3/2024 9:20	49803 UNIV_T1	0	0	0	0	0	0	-1.01	-1	0	0	0	0	0	0
1/3/2024 9:21	67204 TEHI_T2	0	0	0	0	0	0	0.16	0.05	0	0	0	0	0	0
1/3/2024 9:21	59101 WALK_T2	1	1	0	0	0	0	2.27	2.47	0	0	0	0	0	0
1/3/2024 9:22	40502 CRES_T2	0	10	10	0	0.18	0.18	-1.79	-1.82	0	0	0	0	0	0
1/3/2024 9:24	40502 CRES_T2	0	10	10	0	0.18	0.18	-1.82	-1.8	0	0	0	0	0	0
1/3/2024 9:26	41801 GOCI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1/3/2024 9:26	40502 CRES_T2	0	10	10	0	0.18	0.18	-0.61	-0.6	0	0	0	0	0	0
1/3/2024 9:28	13503 MCMI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1/3/2024 9:28	41801 GOCI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1/3/2024 9:28	43202 MVIL_T2	0	1	1	0	0	0	-0.53	-0.51	0	0	0	0	0	0
1/3/2024 9:29	43201 MVIL_T2	2	2	0	0.35	0	-0.35	0	0	0	0	0	0	0	0
1/3/2024 9:29	47403 PENS_T1	1	2	1	1.6	1.25	-0.35	0	0	0	0	0	0	0	0
1/3/2024 9:30	47403 PENS_T1	2	2	0	1.25	1.2	-0.05	0	0	0	0	0	0	0	0
1/3/2024 9:32	47401 PENS_T1	0	1	1	0	0.8	0.8	-0.47	-0.36	0	0	0	0	0	0
1/3/2024 9:33	56501 ROCK_T2	101	38	-63	0.2	0.16	-0.04	-4.78	-5.09	0	0	0	0	0	0
1/3/2024 9:34	56501 ROCK_T2	101	38	-63	0.2	0.16	-0.04	-3.18	-3.39	0	0	0	0	0	0
1/3/2024 9:35	67605 WARW_T1	1	1	0	0.2	0.2	0	-1.03	-1.06	0	0	0	0	0	0
1/3/2024 9:35	56802 BENV_T2	21	67	46	0.19	0.22	0.03	-2.59	-2.63	0	0	0	0	0	0
1/3/2024 9:36	56802 BENV_T2	21	67	46	0.19	0.22	0.03	-2.59	-2.63	0	0	0	0	0	0
1/3/2024 9:37	56802 BENV_T2	21	67	46	0.19	0.22	0.03	-2.59	-2.63	0	0	0	0	0	0
1/3/2024 9:37	54502 ENOL_T2	1	1	0	0.1	0.5	0.4	-2	-1.98	1	1	0	600	600	0
1/3/2024 9:38	56802 BENV_T2	21	67	46	0.19	0.22	0.03	-2.59	-2.63	0	0	0	0	0	0
1/3/2024 9:40	53903 HALI_T2	2	2	0	1.15	1.3	0.15	0	0	0	0	0	0	0	0
1/3/2024 9:40	52402 GRPA_T2	1	2	1	3.4	1.9	-1.5	0	0	0	0	0	0	0	0
1/3/2024 9:40	64201 KINZ_T1	1	1	0	0	0	0	0	0	0	0	0	0	0	0
1/3/2024 9:40	54505 ENOL_T2	1	1	0	0.5	0.8	0.3	0	0	0	0	0	0	0	0
1/3/2024 9:40	56802 BENV_T2	21	67	46	0.19	0.22	0.03	-1.32	-1.35	0	0	0	0	0	0
1/3/2024 9:41	53903 HALI_T2	2	2	0	1.15	1.3	0.15	0	0	0	0	0	0	0	0
1/3/2024 9:42	56802 BENV_T2	21	67	46	0.19	0.22	0.03	-1.32	-1.35	0	0	0	0	0	0
1/3/2024 9:44	41902 REED_T1	0	0	0	0	0	0	0.42	0.31	0	0	0	0	0	0
1/3/2024 9:44	64101 REFR_T1	0	1	1	0	0.1	0.1	-0.01	-0.01	0	0	0	0	0	0
1/3/2024 9:44	46901 MNTG_T2	0	0	0	0	0	0	1.38	1.31	0	0	0	0	0	0
1/3/2024 9:44	13503 MCMI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1/3/2024 9:45	13001 NBET_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1/3/2024 9:45	46901 MNTG_T2	0	0	0	0	0	0	1.38	1.31	0	0	0	0	0	0
1/3/2024 9:48	41902 REED_T1	0	0	0	0	0	0	0.42	0.31	0	0	0	0	0	0
1/3/2024 9:49	44301 BEAV_T2	1	0	-1	0.1	0	-0.1	0.23	0.26	2	2	0	1500	1500	0
1/3/2024 9:50	66505 SMAN_T2	1	1	0	0.1	0.1	0	0	0	0	0	0	0	0	0
1/3/2024 9:52	56802 BENV_T2	66	26	-40	0.22	0.22	0	-1.32	-1.35	0	0	0	0	0	0
1/3/2024 10:00	64101 REFR_T1	0	1	1	0	0.3	0.3	-0.01	-0.03	0	0	0	0	0	0
1/3/2024 10:00	57303 MOAL_T2	1	1	0	6.8	6.9	0.1	0	0	0	0	0	0	0	0
1/3/2024 10:00	56501 ROCK_T2	1	2	1	0.2	0	-0.2	-0.78	-0.79	0	0	0	0	0	0
1/3/2024 10:01	64101 REFR_T1	0	1	1	0	0.3	0.3	-0.01	-0.03	0	0	0	0	0	0
1/3/2024 10:01	57303 MOAL_T2	1	1	0	6.8	6.9	0.1	0	0	0	0	0	0	0	0
1/3/2024 10:01	57403 SPAN_T1	13	6	-7	0.19	0.18	-0.01	0	0	0	0	0	0	0	0
1/3/2024 10:02	57403 SPAN_T1	13	6	-7	0.19	0.18	-0.01	0	0	0	0	0	0	0	0
1/3/2024 10:02	64101 REFR_T1	0	1	1	0	0.3	0.3	-0.01	-0.03	0	0	0	0	0	0
1/3/2024 10:02	54601 SUMM_T2	6	6	0	0.57	0.5	-0.07	-1.86	-1.84	2	2	0	2100	2100	0
1/3/2024 10:03	43001 ALWD_T1	11	17	6	0.13	0.35	0.22	0	0	1	1	0	1200	1200	0
1/3/2024 10:03	64101 REFR_T1	0	1	1	0	0.3	0.3	-0.01	-0.03	0	0	0	0	0	0
1/3/2024 10:03	16302 ALPA_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1/3/2024 10:04	54601 SUMM_T2	6	6	0	0.57	0.5	-0.07	-1.86	-1.84	2	2	0	2100	2100	0
1/3/2024 10:04	29401 BELT_T1	45	65	20	0.25	0.32	0.07	0	0	1	1	0	900	900	0
1/3/2024 10:04	43001 ALWD_T1	11	17	6	0.13	0.35	0.22	0	0	1	1	0	1200	1200	0
1/3/2024 10:05	54601 SUMM_T2	6	6	0	0.57	0.5	-0.07	-5.59	-5.53	6	6	0	6300	6300	0
1/3/2024 10:05	67201 TEHI_T1	0	0	0	0	0	0	0.76	0.73	1	1	0	900	900	0
1/3/2024 10:05	57403 SPAN_T1	13	6	-7	0.19	0.18	-0.01	0	0	0	0	0	0	0	0
1/3/2024 10:05	64101 REFR_T1	0	1	1	0	0.3	0.3	-0.01	-0.03	0	0	0	0	0	0
1/3/2024 10:05	56802 BENV_T2	15	24	9	0.23	0.23	0	-1.35	-1.32	0	0	0	0	0	0
1/3/2024 10:06	20403 ASHF_T2	2	1	-1	0.3	0.1	-0.2	0.42	0.45	0	0	0	0	0	0
1/3/2024 10:06	57403 SPAN_T1	13	6	-7	0.19	0.18	-0.01	0	0	0	0	0	0	0	0
1/3/2024 10:06	56802 BENV_T2	15	24	9	0.23	0.23	0	-1.35	-1.32	0	0	0	0	0	0
1/3/2024 10:06	67502 WEWI_T2	1	1	0	0.2	0.6	0.4	-0.01	-0.1	0	0	0	0	0	0
1/3/2024 10:06	67203 TEHI_T1	0	0	0	0	0	0	2.97	2.78	2	2	0	1200	1200	0
1/3/2024 10:07	54505 ENOL_T2	1	1	0	0.8	0.9	0.1	0	0	0	0	0	0	0	0
1/3/2024 10:07	67402 WAKE_T2	0	0	0	0	0	0	0.28	0.26	0	0	0	0	0	0
1/3/2024 10:07	56802 BENV_T2	15	24	9	0.23	0.23	0	-1.35	-1.32	0	0	0	0	0	0
1/3/2024 10:08	29401 BELT_T1	45	65	20	0.25	0.32	0.07	0	0	1	1	0	900	900	0
1/3/2024 10:08	54505 ENOL_T2	1	1	0	0.8	0.9	0.1	0	0	0	0	0	0	0	0
1/3/2024 10:08	29402 BELT_T1	1	2	1	7.5	3.8	-3.7	0	0	0	0	0	0	0	0
1/3/2024 10:09	64101 REFR_T1	0	1	1	0	0.3	0.3	-0.03	-0.03	0	0	0	0	0	0
1/3/2024 10:10	40101 HUNT_T2	29	118	89	0.51	0.42	-0.09	-0.39	-0.48	0	0	0	0	0	0
1/3/2024 10:11	67402 WAKE_T2	0	0	0	0	0	0	0.26	0.48	0	0	0	0	0	0
1/3/2024 10:14	56504 ROCK_T2	0	0	0	0	0	0	-0.03	-0.06	0	0	0	0	0	0
1/3/2024 10:15	43201 MVIL_T2	0	0	0	0	0	0	-1.25	-1.26	0	0	0	0	0	0
1/3/2024 10:15	55002 NEWP_T1	7	7	0	0.83	1.23	0.4	-0.4	-0.34	0	0	0	0	0	0
1/3/2024 10:15	65702 RVIL_T2	0	1	1	0	0.1	0.1	-2.02	-2.04	2	2	0	1200	1200	0
1/3/2024 10:16	42202 SHEN_T2	2	2	0	0.7	0.2	-0.5	0	0	0	0	0	0	0	0
1/3/2024 10:16	55002 NEWP_T1	7	7	0	0.83	1.23	0.4	-0.2	-0.17	0	0	0	0	0	0
1/3/2024 10:16	65001 NEFF_T2	0	0	0	0	0	0	-0.53	-0.47	1	1	0	1200	1200	0
1/3/2024 10:16	40101 HUNT_T2	104	193	89	0.5	0.45	-0.05	-0.19	-0.24	0	0	0	0	0	0
1/3/2024 10:17	67402 WAKE_T2	0	0	0	0	0	0	0.26	0.48	0	0	0	0	0	0
1/3/2024 10:17	56501 ROCK_T2	2	0	-2	1	0	-1	-1.57	-1.63	0	0	0	0	0	0
1/3/2024 10:17	54206 PENN_T2	4	40	36	0.3	0.15	-0.15	0	0	0	0	0	0	0	0
1/3/2024 10:18	54202 PENN_T2	16	31	15	0.12	0.15	0.03	0	0	0	0	0	0	0	0
1/3/2024 10:18	40603 PIGR_T1	0	0	0	0	0	0	0.39	0.38	0	0	0	0	0	0
1/3/2024 10:19	65004 NEFF_T2	1	1	0	0.1	0.2	0.1	0	0	0	0	0	0	0	0
1/3/2024 10:19	42701 AUGU_T1	1	1	0

Appendix C - Grid Benefits Achieved in Each Instance of Active Management

1/3/2024 10:43	64702 LITI_T2	0	0	0	0	0	0	-0.76	-0.75	0	0	0	0	0	0
1/3/2024 10:43	64203 KINZ_T1	0	0	0	0	0	0	0.26	0.1	2	2	0	1800	1800	0
1/3/2024 10:44	58302 NOTT_T1	0	0	0	0	0	0	-0.23	-0.33	1	1	0	1200	1200	0
1/3/2024 10:46	67001 STHI_T2	305	488	183	0.15	0.18	0.03	0	0	0	0	0	0	0	0
1/3/2024 10:46	46903 MNTG_T2	0	0	0	0	0	0	-0.05	0	1	1	0	600	600	0
1/3/2024 10:46	45402 WILO_T2	1	0	-1	0.2	0	-0.2	-0.57	-0.57	0	0	0	0	0	0
1/3/2024 10:47	66703 STRA_T1	8	2	-6	0.41	0.35	-0.06	-0.07	-0.09	0	0	0	0	0	0
1/3/2024 10:47	65004 NEFF_T2	1	1	0	0.2	0.6	0.4	0	0	0	0	0	0	0	0
1/3/2024 10:47	67002 STHI_T2	55	117	62	0.21	0.21	0	1.36	1.38	0	0	0	0	0	0
1/3/2024 10:48	67503 WEWI_T2	0	0	0	0	0	0	-0.14	-0.16	0	0	0	0	0	0
1/3/2024 10:48	54202 PENN_T2	27	25	-2	0.15	0.15	0	0.74	0.73	0	0	0	0	0	0
1/3/2024 10:48	61306 EARL_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1/3/2024 10:49	56802 BENV_T2	17	56	39	0.21	0.21	0	-2.5	-2.56	0	0	0	0	0	0
1/3/2024 10:49	67204 TEHI_T2	1	1	0	0.4	0.2	-0.2	0.01	0.02	0	0	0	0	0	0
1/3/2024 10:49	61304 EARL_T1	1	1	0	0.8	0	-0.8	0	0	0	0	0	0	0	0
1/3/2024 10:49	67001 STHI_T2	305	488	183	0.15	0.18	0.03	0	0	0	0	0	0	0	0
1/3/2024 10:49	67901 WNHO_T2	0	0	0	0	0	0	0.39	0.38	0	0	0	0	0	0
1/3/2024 10:50	51107 CARL_T1	0	0	0	0	0	0	0.51	0.36	0	0	0	0	0	0
1/3/2024 10:50	29402 BELT_T1	1	1	0	7.2	7.5	0.3	0	0	0	0	0	0	0	0
1/3/2024 10:50	27502 WEIS_T2	0	0	0	0	0	0	-0.42	-0.38	0	0	0	0	0	0
1/3/2024 10:51	13302 ORVI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1/3/2024 10:51	61103 BERK_T5	1	5	4	0.2	0.22	0.02	0	0	0	0	0	0	0	0
1/3/2024 10:51	61701 ELIZ_T1	1	2	1	5.1	3.2	-1.9	0	0	0	0	0	0	0	0
1/3/2024 10:52	54505 ENOL_T2	1	2	1	1	0.65	-0.35	0	0	0	0	0	0	0	0
1/3/2024 10:52	67002 STHI_T2	55	117	62	0.21	0.21	0	0.68	0.69	0	0	0	0	0	0
1/3/2024 10:52	61701 ELIZ_T1	1	2	1	5.1	3.2	-1.9	0	0	0	0	0	0	0	0
1/3/2024 10:52	60201 ATGL_T2	0	1	1	0	0	0	0.31	0.27	1	1	0	300	300	0
1/3/2024 10:53	61701 ELIZ_T1	1	2	1	5.1	3.2	-1.9	0	0	0	0	0	0	0	0
1/3/2024 10:53	51108 CARL_T1	2	2	0	0.45	0.5	0.05	0	0	0	0	0	0	0	0
1/3/2024 10:54	61703 ELIZ_T1	2	50	48	0.3	0.23	-0.07	-2.26	-2.02	1	1	0	900	900	0
1/3/2024 10:54	40101 HUNT_T2	191	317	126	0.49	0.61	0.12	-0.18	-0.17	0	0	0	0	0	0
1/3/2024 10:55	61703 ELIZ_T1	2	50	48	0.3	0.23	-0.07	-2.26	-2.02	1	1	0	900	900	0
1/3/2024 10:57	54505 ENOL_T2	1	2	1	1	0.65	-0.35	-1.2	-1.21	1	1	0	600	600	0
1/3/2024 10:57	46903 MNTG_T2	0	0	0	0	0	0	0	-0.1	2	2	0	1200	1200	0
1/3/2024 10:57	45702 LIND_T2	1	1	0	0.8	0.8	0	-0.33	-0.36	0	0	0	0	0	0
1/3/2024 10:58	47802 MOCA_T2	0	0	0	0	0	0	-0.92	-0.84	0	0	0	0	0	0
1/3/2024 10:58	40101 HUNT_T2	191	317	126	0.49	0.61	0.12	-0.18	-0.17	0	0	0	0	0	0
1/3/2024 10:58	64802 MONE_T2	7	14	7	0.23	0.29	0.06	0	0	0	0	0	0	0	0
1/3/2024 10:58	46801 HEPB_T2	2	2	0	0.15	0.25	0.1	0.68	0.64	0	0	0	0	0	0
1/3/2024 10:58	46903 MNTG_T2	0	0	0	0	0	0	0	-0.05	1	1	0	600	600	0
1/3/2024 11:00	64902 MILL_T2	0	0	0	0	0	0	-0.7	-0.69	1	1	0	900	900	0
1/3/2024 11:02	57401 SPAN_T1	15	66	51	0.25	0.25	0	0	0	0	0	0	0	0	0
1/3/2024 11:02	40602 PIGR_T1	0	0	0	0	0	0	-0.47	-0.45	1	1	0	600	600	0
1/3/2024 11:02	59101 WALK_T2	1	1	0	0	0	2.5	2.28	0	0	0	0	0	0	0
1/3/2024 11:03	52504 PROG_T1	2	0	-2	0.1	0	-0.1	0	0	0	0	0	0	0	0
1/3/2024 11:03	44601 SALE_T2	0	0	0	0	0	0	0.77	0.11	0	0	0	0	0	0
1/3/2024 11:04	67605 WARW_T1	2	8	6	0.15	0.34	0.19	-1.05	-1.33	0	0	0	0	0	0
1/3/2024 11:04	40601 PIGR_T1	1	1	0	0.1	0.1	0	0	0	0	0	0	0	0	0
1/3/2024 11:04	57401 SPAN_T1	15	66	51	0.25	0.25	0	0	0	0	0	0	0	0	0
1/3/2024 11:04	43402 BENT_T1	0	0	0	0	0	0	-1.47	-1.46	2	2	0	1500	1500	0
1/3/2024 11:05	57401 SPAN_T1	15	66	51	0.25	0.25	0	0	0	0	0	0	0	0	0
1/3/2024 11:05	60801 BUCK_T1	1	1	0	0	0	0	0	0	0	0	0	0	0	0
1/3/2024 11:06	60803 BUCK_T1	0	0	0	0	0	0	-0.73	-0.74	1	1	0	600	600	0
1/3/2024 11:07	14403 SSLA_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1/3/2024 11:08	53903 HALI_T2	2	3	1	1	1	0	-0.12	-0.07	0	0	0	0	0	0
1/3/2024 11:08	60803 BUCK_T1	1	1	0	0	0	0	0	0	0	0	0	0	0	0
1/3/2024 11:08	41801 GOCI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1/3/2024 11:08	29402 BELT_T1	1	1	0	7.5	7.5	0	0	0	0	0	0	0	0	0
1/3/2024 11:08	62604 ENGL_T1	0	0	0	0	0	0	-0.92	-0.85	2	2	0	1200	1200	0
1/3/2024 11:10	62604 ENGL_T1	0	0	0	0	0	0	-1.28	-1.26	3	3	0	1800	1800	0
1/3/2024 11:10	53902 HALI_T2	0	1	1	0	0.1	0.1	0	0	0	0	0	0	0	0
1/3/2024 11:10	54502 ENOL_T2	1	1	0	0.8	0.8	0	0	0	0	0	0	0	0	0
1/3/2024 11:11	53902 HALI_T2	0	1	1	0	0.1	0.1	0	0	0	0	0	0	0	0
1/3/2024 11:12	41801 GOCI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1/3/2024 11:14	67502 WEWI_T2	1	1	0	0.6	0.9	0.3	0	-0.09	0	0	0	0	0	0
1/3/2024 11:15	54202 PENN_T2	21	0	-21	0.14	0	-0.14	0	0	0	0	0	0	0	0
1/3/2024 11:16	67002 STHI_T2	112	345	233	0.18	0.19	0.01	0.67	0.69	0	0	0	0	0	0
1/3/2024 11:16	64101 REFR_T1	0	0	0	0	0	0	-0.06	-0.04	0	0	0	0	0	0
1/3/2024 11:18	56501 ROCK_T2	4	1	-3	0.23	0.2	-0.03	0	0	0	0	0	0	0	0
1/3/2024 11:18	54206 PENN_T2	15	0	-15	0.25	0	-0.25	0	0	0	0	0	0	0	0
1/3/2024 11:18	67502 WEWI_T2	1	1	0	0.9	0.9	0	0	0	0	0	0	0	0	0
1/3/2024 11:19	64101 REFR_T1	0	0	0	0	0	0	-0.17	-0.11	0	0	0	0	0	0
1/3/2024 11:19	55105 WERT_T1	1	0	-1	0.1	0	-0.1	-0.55	-0.59	1	1	0	900	900	0
1/3/2024 11:19	56504 ROCK_T2	1	1	0	0.1	0.2	0.1	-0.17	-0.21	0	0	0	0	0	0
1/3/2024 11:20	67001 STHI_T2	460	623	163	0.18	0.3	0.12	0	0	0	0	0	0	0	0
1/3/2024 11:20	64101 REFR_T1	0	0	0	0	0	0	-0.06	-0.04	0	0	0	0	0	0
1/3/2024 11:20	51601 DUKE_T1	0	1	1	0	0.2	0.2	0	0	0	0	0	0	0	0
1/3/2024 11:20	56501 ROCK_T2	4	1	-3	0.23	0.2	-0.03	0	0	0	0	0	0	0	0
1/3/2024 11:20	42201 SHEN_T2	0	0	0	0	0	0	-0.51	-0.51	1	1	0	600	600	0
1/3/2024 11:22	60101 COCA_T1	0	0	0	0	0	0	0.38	0.38	0	0	0	0	0	0
1/3/2024 11:23	67503 WEWI_T2	0	0	0	0	0	0	-0.29	-0.27	0	0	0	0	0	0
1/3/2024 11:24	51603 DUKE_T1	2	5	3	0.7	0.46	-0.24	-0.71	-0.67	0	0	0	0	0	0
1/3/2024 11:24	56504 ROCK_T2	1	1	0	0.1	0.2	0.1	-0.21	-0.03	0	0	0	0	0	0
1/3/2024 11:24	60101 COCA_T1	0	0	0	0	0	0	0.38	0.49	0	0	0	0	0	0
1/3/2024 11:25	51601 DUKE_T1	0	1	1	0	0.2	0.2	0	0	0	0	0	0	0	0
1/3/2024 11:26	64203 KINZ_T1	0	0	0	0	0	0	0.12	-0.01	2	2	0	1800	1800	0
1/3/2024 11:26	52004 LING_T2	1	3	2	0.2	0.4	0.2	0.25	0.26	0	0	0	0	0	0
1/3/2024 11:27	64204 KINZ_T1	1	1	0	1.4	0.9	-0.5	0	0	0	0	0	0	0	0
1/3/2024 11:28	52004 LING_T2	1	3	2	0.2	0.4	0.2	0.25	0.26	0	0	0	0	0	0
1/3/2024 11:28	48302 ORWI_T2	2	2	0	1.5	1.7	0.2	-0.49	-0.39	0	0	0	0	0	0
1/3/2024 11:28	29401 BELT_T1	67	23	-44	0.28	0.15	-0.13	0	0	1	1	0	900	900	0
1/3/2024 11:30	40601 PIGR_T1	1	3	2	0.1	0.1	0	0	0	0	0	0	0	0	0
1/3/2024 11:30	57401 SPAN_T1	65	142	77	0.25	0.34	0.09	0	0	0	0	0	0	0	0
1/3/2024 11:31	67002 STHI_T2	252	321	69	0.19	0.18	-0.01	1.38	1.38	0	0	0	0	0	0
1/3/2024 11:31	52101 MEIS_T1	0	1	1	0	0.4	0.4	0	0	0	0	0	0	0	0
1/3/2024 11:32	48302 ORWI_T2	2	2	0	1.7	1.6	-0.1	-0.49	-0.39	0	0	0	0	0	0
1/3/2024 11:33	67001 STHI_T2	561	609	48	0.27	0.29	0.02	0.14	0.15	0	0	0	0	0	0
1/3/2024 11:34	67001 STHI_T2	561	609	48	0.27	0.29	0.02	0.28	0.3	0	0	0	0	0	0
1/3/2024 11:34	20403 ASHF_T2	0	0	0	0	0	0	0.18	0.19	0	0	0	0	0	0
1/3/2024 11:34	67503 WEWI_T2	0	0	0	0	0	0	-0.27	-0.3	0	0	0	0	0	0
1/3/2024 11:34	67002 STHI_T2	252	321	69	0.19	0.18	-0.01	1.38	1.38	0	0	0	0	0	0
1/3/2024 11:35	51603 DUKE_T1	3	5	2	0.67	0.5	-0.17	-0.35	-0.33	0	0	0	0	0	0
1/3/2024 11:35	67503 WEWI_T2	0	0	0	0	0	0	-0.27	-0.3	0	0	0	0	0	0
1/3/2024 11:35	56504 ROCK_T2	0	3	3	0	0.2	0.2	-0.21	-0.03	0	0	0	0	0	0
1/3/2024 11:35	61304 EARL_T1	0	1	1	0	0.2	0.2	0	0	0	0	0	0	0	0
1/3/2024 11:36	61306 EARL_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1/3/2024 11:36	51107 CARL_T1	0	0	0	0	0	0	0.26	0.36	0	0	0	0	0	0
1/3/2024 11:36	67502 WEWI_T2	1	2	1	0.9	0.3	-0.6	0	0	0	0	0	0	0	0
1/3/2024 11:36	67901 WNHO_T2	0	0	0	0	0	0	0.5	0.58	0	0	0	0	0	0
1/3/2024 11:36	20403 ASHF_T2	0	0	0	0	0	0	0.18	0.19	0	0	0	0	0	0
1/3/2024 11:37	67502 WEWI_T2	1	2	1	0.9	0.3	-0.6	-0.19	-0.09	0	0	0	0	0	0
1/3/2024 11:37	49803 UNIV_T1	0	0	0	0	0	0	-0.92	-0.49	0	0	0	0	0	0
1/3/2024 11:38	60101 COCA_T1	0	1	1	0	0.1	0.1	0.38	0.49	0	0	0	0	0	0
1/3/2024 11:38	41502 FAIR_T2	0	0	0	0	0	0	-1.67	-1.64	1	1	0	900	900	0
1/3/2024 11:39	65003 NEFF_T2	2	2	0	0.1	0.3	0.2	0	0	0	0	0	0	0	0
1/3/2024 11:40	56603 HAMP_T1	0	0	0	0	0	0	-1.21	-1.21	0	0	0	0	0	0
1/3/2024 11:40	51601 DUKE_T1	1	1	0	0.2	0.3	0.1	0	0	0	0	0	0	0	0
1/3/2024 11:40	60101 COCA_T1	0	1	1	0	0.1	0.1	0.49	0.39	0	0	0	0	0	0
1/3/2024 11:40	67605 WARW_T1	8	33	25	0.34	0.35	0.01	-1.3	-1.19	0	0	0	0	0	0
1/3/2024 11:40	46801 HEPB_T2	0	0	0	0	0	0	0.66	0.66	0	0	0	0	0	0
1/3/2024 11:43	40902 JESH_T1	0	0	0	0	0	0	-0.55	-0.57	0	0	0	0	0	0
1/3/2024 11:45	65702 RVIL_T2	0	3	3	0	0.2	0.2	-1.03	-1.02	1	1	0	600	600	0
1/3/2024 11:46	66503 SMAN_T2	0	7	7	0	0.16	0.16	0	0	0	0	0	0	0	0
1/3/2024 11:46	66504 SMAN_T2	1	0	-1	0.6	0	-0.6	-0.36	-0.4	0	0	0	0	0	0
1/3/2024 11:46	64203 KINZ_T1	0	0	0	0	0	0	-0.01	0.75	2	2	0	1800	1800	0
1/3/2024 11:46	47401 PENS_T1	1	1	0	0.2	0.6	0.4	-0.94	-0.84	0	0	0	0	0	0
1/3/2024 11:47	67605 WARW_T1	14	36	22	0.34	0.34	0	-1.3	-1.19	0	0	0	0	0	0
1/3/2024 11:47	64202 KINZ_T1	2	3	1	0.4	0.45	0.05	0	0	0	0	0	0	0	0
1/3/2024 11:47	59101 WALK_T2	2	1	-1	0.4	0	-0.4	2.24	2.32	0	0	0	0	0	0
1/3/2024 11:48	53901 HALI_T2	1	1	0	0.6	0.6	0	0	0	0	0	0	0	0	0
1/3/2024 11:49	59101 WALK_T2	2	1	-1	0.4	0	-0.4	2.24	2.32	0	0	0	0	0	0
1/3/2024 11:50	66501 SMAN_T2	2	2	0	0.45	0.7	0.25	0	0	0	0	0	0	0	0
1/3/2024 11:50	59101 WALK_T2	2	1	-1	0.4	0	-0.4	2.24	2.32	0	0	0	0	0	0
1/3/2024 11:50	65702 RVIL_T2	0	3	3	0	0.2	0.2	-1.03	-1.02	1	1	0	600	600	0
1/3/2024 11:50	20403 ASHF_T2	0	0	0	0	0	0	0.19	0.19	0	0	0	0	0	0
1/3/2024 11:51	61304 EARL_T1	0	0	0	0	0.2	0.2	0	0	0	0	0	0	0	0
1/3/2024 11:51	59102 WALK_T2	1	4	3	0.2	0.38	0.18	0	0	0	0	0	0	0	0
1/3/2024 11:52	61306 EARL_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1/3/2024 11:52	51107 CARL_T1	0	0	0	0	0	0	0.36	0.34	0	0	0	0	0	0
1/3/2024 11:52	67901 WNHO_T2	0	0	0	0	0	0	0.58	0.52	0	0	0	0	0	0
1/3/2024 11:52	20403 ASHF_T2	0	0	0	0	0	0	0.19	0.19	0	0	0	0	0	0
1/3/2024 11:52	16101 BING_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1/3/2024 11:56	46801 HEPB_T2	0	0	0	0	0	0	0.66	0.66	0	0	0	0	0	0
1/3/2024 11:56	52002 LING_T2	1	0	-1	0.6	0	-0.6	0	0	0	0	0	0	0	0
1/3/2024 11:56	52401 GRPA_T2	2	1	-1	0.4	0.2	-0.2	0	0	0	0	0	0	0	0
1/3/2024 11:57	64301 LINC_T1	0	0	0	0	0	0	0	0.02	1	1	0	600	600	0
1/3/2024 11:57	52404 GRPA_T2	1	1	0	0.5	0.7	0.2	0	0	0	0	0	0	0	0
1/3/2024 11:58	52401 GRPA_T2	2	1	-1	0.4	0.2	-0.2	0	0	0	0	0	0	0	0
1/3/2024 11:58	52404 GRPA_T2	1	1	0	0.5	0.7	0.2	0	0	0	0	0	0	0	0
1/3/2024 11:59	52401 GRPA_T2	2	1	-1	0.4	0.2	-0.2	0	0	0	0	0	0	0	0
1/3/2024 11:59	61304 EARL_T1	0	1	1	0	0.2	0.2	0	0	0	0	0	0	0	0
1/3/2024 12:00	48302 ORWI_T2	2	2	0	0.9	1.1	0.2	0.14	0.14	0	0	0	0	0	0
1/3/2024 12:00	52006 LING_T2	1	1	0	0.9	0.6	-0.3	0	0	0	0	0	0	0	0
1/3/2024 12:00	40603 PIGR_T1	0	0	0	0	0	0	0.34	0.35	0	0	0	0	0	0
1/3/2024 12:00	13503 MCMI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1/3/2024 12:01	61304 EARL_T1	1	1	0	0.2	0.4	0.2	0	0	0	0	0	0	0	0
1/3/2024 12:02	61303 EARL_T1	0	0	0	0	0	0	0.6	0.88	0	0	0	0	0	0
1/3/2024 12:02	13302 ORVI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1/3/2024 12:02	48302 ORWI_T2	2	2	0	0.9	1.1	0.2	0.29	0.29	0	0	0	0	0	0
1/3/2024 12:03	67605 WARW_T1	30	36	6	0.35	0.36	0.01	-1.19	-1.2	0	0	0	0	0	0
1/3/2024 12:06	13302 ORVI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1/3/2024 12:07	54502 ENOL_T2	1	1	0	0.1	0.7	0.6	0	0	0	0	0	0	0	0
1/3/2024 12:08	51108 CARL_T1	1	2	1	0.2	0.2	0	0	0	0	0	0	0	0	0
1/3/2024 12:08	61801 EELI_T2	1	0	-1	0.2	0	-0.2	0	0	0	0	0	0	0	0
1/3/2024 12:08	50103 HARR_T3	2	2	0	1.25	1.05	-0.2	0	0	0	0	0	0	0	0
1/3/2024 12:10	60101 COCA_T1	1	1	0	0.1	0.2	0.1	0.36	0.33	0	0	0	0	0	0
1/3/2024 12:11	59301 MCAL_T1	6	10	4	0.53	0.65	0.12	0	0	0	0	0	0	0	0
1/3/2024 12:11	52004 LING_T2	3	3	0	0.5	0.97	0.47	0.25	0.23	0	0	0	0	0	0
1/3/2024 12:12	46801 HEPB_T2	0	0	0	0	0	0	0.66	0.63	0	0	0	0	0	0
1/3/2024 12:16	40601 PIGR_T1	2	0	-2	0.1	0	-0.1	0	0	0	0	0	0	0	0
1/3/2024 12:18	20403 ASHF_T2	0	0	0	0	0	0	0.24	0.23	0	0	0	0	0	0
1/3/2024 12:22	61306 EARL_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1/3/2024 12:22	20403 ASHF_T2	0	0	0	0	0	0	0.24	0.23	0	0	0	0	0	0
1/3/2024 12:26	50103 HARR_T3	7	7	0	5.56	5.84	0.28	0	0	0	0	0	0	0	0
1/3/2024 12:26	65004 NEFF_T2	1	1	0	0.5	0.5	0	0	0	0	0	0	0	0	0
1/3/2024 12:26	64204 KINZ_T1	0	1	1	0	0.2	0.2	0	0	0	0	0	0	0	0
1/3/2024 12:27	64201 KINZ_T1	0	1	1	0	0	0	0	0	0	0	0	0	0	0
1/3/2024 12:32	64801 MONE_T2	0	1	1	0	0.1	0.1	0.33	0.32	0	0	0	0	0	0
1/3/2024 12:34	67502 WEWI_T2	2	3	1	0.8	0.53	-

1/3/2024 14:12	59302 MCAL_T1	0	0	0	0	0	0	-0.21	-0.28	1	1	0	600	600	0
1/3/2024 14:12	53901 HAU_T2	1	1	0	0.7	0.8	0.1	-0.41	-0.43	0	0	0	0	0	0
1/3/2024 14:12	64702 LITI_T2	0	1	1	0	0	0	-0.75	-0.73	0	0	0	0	0	0
1/3/2024 14:13	64301 LINC_T1	0	0	0	0	0	0	-0.01	-0.01	1	1	0	600	600	0
1/3/2024 14:13	53903 HAU_T2	2	3	1	1.05	0.9	-0.15	0	0	0	0	0	0	0	0
1/3/2024 14:13	64702 LITI_T2	0	1	1	0	0	0	-0.75	-0.73	0	0	0	0	0	0
1/3/2024 14:14	58402 MORO_T1	0	0	0	0	0	0	-0.1	-0.17	2	2	0	1500	1500	0
1/3/2024 14:14	64902 MILL_T2	0	0	0	0	0	0	0.25	0.24	0	0	0	0	0	0
1/3/2024 14:14	53901 HAU_T2	1	1	0	0.7	0.8	0.1	0	0	0	0	0	0	0	0
1/3/2024 14:15	61303 EARL_T1	0	0	0	0	0	0	0.59	0.44	0	0	0	0	0	0
1/3/2024 14:16	64101 REFR_T1	0	0	0	0	0	0	-0.09	-0.08	0	0	0	0	0	0
1/3/2024 14:17	64801 MONE_T2	1	0	-1	0.1	0	-0.1	0	0	0	0	0	0	0	0
1/3/2024 14:17	59101 WALK_T2	1	1	0	0	0	0	2.24	2.34	0	0	0	0	0	0
1/3/2024 14:18	61303 EARL_T1	0	0	0	0	0	0	0.59	0.44	0	0	0	0	0	0
1/3/2024 14:18	59101 WALK_T2	1	1	0	0	0	0	2.24	2.34	0	0	0	0	0	0
1/3/2024 14:18	55105 WERT_T1	0	0	0	0	0	0	-0.68	-0.67	1	1	0	900	900	0
1/3/2024 14:18	65702 RVIL_T2	2	2	0	0.25	0.25	0	-1.04	-1.04	1	1	0	600	600	0
1/3/2024 14:18	64101 REFR_T1	0	0	0	0	0	0	-0.09	-0.08	0	0	0	0	0	0
1/3/2024 14:19	64101 REFR_T1	0	0	0	0	0	0	-0.09	-0.08	0	0	0	0	0	0
1/3/2024 14:19	43402 BENT_T1	0	0	0	0	0	0	-1.47	-1.51	2	2	0	1500	1500	0
1/3/2024 14:19	59101 WALK_T2	1	1	0	0	0	0	2.24	2.34	0	0	0	0	0	0
1/3/2024 14:20	43401 BENT_T1	0	5	5	0	0.92	0.92	0	0	0	0	0	0	0	0
1/3/2024 14:20	67605 WARW_T1	34	62	28	0.44	0.47	0.03	-1.18	-1.22	0	0	0	0	0	0
1/3/2024 14:21	59101 WALK_T2	1	1	0	0	0	0	2.24	2.34	0	0	0	0	0	0
1/3/2024 14:21	45501 DERR_T2	0	0	0	0	0	0	1.89	1.82	6	6	0	5400	5400	0
1/3/2024 14:22	45501 DERR_T2	0	0	0	0	0	0	0.63	0.61	2	2	0	1800	1800	0
1/3/2024 14:22	43401 BENT_T1	0	5	5	0	0.92	0.92	0	0	0	0	0	0	0	0
1/3/2024 14:22	40502 CRES_T2	4	6	2	0.18	0.25	0.07	-1.57	-1.44	0	0	0	0	0	0
1/3/2024 14:23	64101 REFR_T1	0	0	0	0	0	0	-0.09	-0.08	0	0	0	0	0	0
1/3/2024 14:23	45501 DERR_T2	0	0	0	0	0	0	0.61	0.56	2	2	0	1800	1800	0
1/3/2024 14:24	52404 GRPA_T2	0	1	1	0	0.4	0.4	0	0	0	0	0	0	0	0
1/3/2024 14:24	40502 CRES_T2	4	6	2	0.18	0.25	0.07	-0.67	-0.55	0	0	0	0	0	0
1/3/2024 14:25	52403 GRPA_T2	0	3	3	0	0.17	0.17	0.03	0.06	0	0	0	0	0	0
1/3/2024 14:25	52401 GRPA_T2	2	1	-1	0.4	0.8	0.4	-0.49	-0.49	0	0	0	0	0	0
1/3/2024 14:25	52403 GRPA_T2	0	3	3	0	0.17	0.17	0.03	0.06	0	0	0	0	0	0
1/3/2024 14:26	40101 HUNT_T2	248	107	-141	0.68	0.3	-0.38	-0.67	-0.67	0	0	0	0	0	0
1/3/2024 14:26	40502 CRES_T2	4	6	2	0.18	0.25	0.07	-0.22	-0.18	0	0	0	0	0	0
1/3/2024 14:27	52401 GRPA_T2	2	1	-1	0.4	0.8	0.4	0	0	0	0	0	0	0	0
1/3/2024 14:27	10705 CATA_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1/3/2024 14:27	64702 LITI_T2	0	0	0	0	0	0	-1.47	-1.55	0	0	0	0	0	0
1/3/2024 14:29	52102 MEIS_T1	0	0	0	0	0	0	0	0	1	1	0	450	450	0
1/3/2024 14:29	52401 GRPA_T2	2	1	-1	0.4	0.8	0.4	0	0	0	0	0	0	0	0
1/3/2024 14:30	64301 LINC_T1	0	0	0	0	0	0	-0.01	0	1	1	0	600	600	0
1/3/2024 14:30	40101 HUNT_T2	105	78	-27	0.45	0.3	-0.15	-0.34	-0.33	0	0	0	0	0	0
1/3/2024 14:31	52401 GRPA_T2	1	2	1	0.8	0.45	-0.35	-0.49	-0.49	0	0	0	0	0	0
1/3/2024 14:31	58402 MORO_T1	0	0	0	0	0	0	-0.17	-0.14	2	2	0	1500	1500	0
1/3/2024 14:32	40101 HUNT_T2	105	78	-27	0.45	0.3	-0.15	-0.34	-0.33	0	0	0	0	0	0
1/3/2024 14:33	61302 EARL_T1	0	1	1	0	0	0	0	0	0	0	0	0	0	0
1/3/2024 14:34	67402 WAKE_T2	0	0	0	0	0	0	0.28	-0.24	1	1	0	600	600	0
1/3/2024 14:34	61302 EARL_T1	0	1	1	0	0	0	0	0	0	0	0	0	0	0
1/3/2024 14:35	52403 GRPA_T2	3	9	6	0.1	0.29	0.19	0	0	0	0	0	0	0	0
1/3/2024 14:35	54601 SUMM_T2	5	5	0	0.32	0.32	0	-5.63	-5.72	6	6	0	6300	6300	0
1/3/2024 14:36	67501 WEWI_T1	0	0	0	0	0	0	-0.52	-0.56	0	0	0	0	0	0
1/3/2024 14:36	60201 ATGL_T2	0	0	0	0	0	0	0.2	0.19	1	1	0	300	300	0
1/3/2024 14:36	64702 LITI_T2	0	0	0	0	0	0	-0.73	-0.78	0	0	0	0	0	0
1/3/2024 14:37	67503 WEWI_T2	0	0	0	0	0	0	-0.55	-0.66	0	0	0	0	0	0
1/3/2024 14:38	54601 SUMM_T2	5	5	0	0.32	0.32	0	-1.88	-1.91	2	2	0	2100	2100	0
1/3/2024 14:38	61101 BERK_T5	1	0	-1	0.1	0	-0.1	0	0	0	0	0	0	0	0
1/3/2024 14:38	67401 WAKE_T2	0	0	0	0	0	0	-1.17	-1.18	0	0	0	0	0	0
1/3/2024 14:38	65702 RVIL_T2	2	1	-1	0.25	0.2	-0.05	-1.04	-1.05	1	1	0	600	600	0
1/3/2024 14:38	20403 ASHF_T2	0	0	0	0	0	0	0.2	0.21	0	0	0	0	0	0
1/3/2024 14:39	67605 WARW_T1	53	58	5	0.47	0.46	-0.01	-1.22	-1.2	0	0	0	0	0	0
1/3/2024 14:40	67503 WEWI_T2	0	0	0	0	0	0	-0.33	-0.25	0	0	0	0	0	0
1/3/2024 14:40	28805 LAKE_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1/3/2024 14:40	40502 CRES_T2	5	6	1	0.26	0.18	-0.08	-0.18	-0.14	0	0	0	0	0	0
1/3/2024 14:42	20403 ASHF_T2	0	0	0	0	0	0	0.2	0.21	0	0	0	0	0	0
1/3/2024 14:42	54502 ENOL_T2	1	1	0	0.7	0.6	-0.1	0	0	0	0	0	0	0	0
1/3/2024 14:42	45501 DERR_T2	0	0	0	0	0	0	0.56	0.63	2	2	0	1800	1800	0
1/3/2024 14:42	40502 CRES_T2	5	6	1	0.26	0.18	-0.08	-0.46	-0.36	0	0	0	0	0	0
1/3/2024 14:43	67501 WEWI_T1	0	0	0	0	0	0	-0.56	-0.59	0	0	0	0	0	0
1/3/2024 14:44	40502 CRES_T2	5	6	1	0.26	0.18	-0.08	-1.19	-0.93	0	0	0	0	0	0
1/3/2024 14:45	54502 ENOL_T2	1	1	0	0.6	0.6	0	0	0	0	0	0	0	0	0
1/3/2024 14:47	52404 GRPA_T2	1	1	0	0.4	0.8	0.4	0	0	0	0	0	0	0	0
1/3/2024 14:49	64702 LITI_T2	0	0	0	0	0	0	-1.55	-1.52	0	0	0	0	0	0
1/3/2024 14:51	52401 GRPA_T2	1	2	1	0.8	0.8	0	0	0	0	0	0	0	0	0
1/3/2024 14:51	66505 SMAN_T2	3	3	0	1.1	1	-0.1	0	0	0	0	0	0	0	0
1/3/2024 14:51	59301 MCAL_T1	2	2	0	0.8	1	0.2	0	0	0	0	0	0	0	0
1/3/2024 14:52	40101 HUNT_T2	60	67	7	0.3	0.43	0.13	-0.33	-0.31	0	0	0	0	0	0
1/3/2024 14:53	52401 GRPA_T2	1	2	1	0.8	0.8	0	0	0	0	0	0	0	0	0
1/3/2024 14:53	64301 LINC_T1	0	0	0	0	0	0	0	-0.01	1	1	0	600	600	0
1/3/2024 14:53	65503 MOJO_T2	0	0	0	0	0	0	-1.34	-1.37	1	1	0	900	900	0
1/3/2024 14:54	55002 NEWP_T1	5	5	0	0.98	0.86	-0.12	-0.26	-0.22	0	0	0	0	0	0
1/3/2024 14:55	65503 MOJO_T2	0	0	0	0	0	0	-1.37	-1.37	1	1	0	900	900	0
1/3/2024 14:55	64101 REFR_T1	0	0	0	0	0	0	-0.1	-0.06	0	0	0	0	0	0
1/3/2024 14:56	61302 EARL_T1	0	1	1	0	9.2	9.2	0	0	0	0	0	0	0	0
1/3/2024 14:56	58402 MORO_T1	0	0	0	0	0	0	-0.16	-0.17	2	2	0	1500	1500	0
1/3/2024 14:57	67402 WAKE_T2	0	0	0	0	0	0	0.22	0.22	0	0	0	0	0	0
1/3/2024 14:58	67605 WARW_T1	58	53	-5	0.46	0.48	0.02	-1.2	-1.22	0	0	0	0	0	0
1/3/2024 14:59	65001 NEFF_T2	7	1	-6	0.13	0.1	-0.03	-0.67	-0.57	1	1	0	1200	1200	0
1/3/2024 14:59	64101 REFR_T1	0	0	0	0	0	0	-0.1	-0.06	0	0	0	0	0	0
1/3/2024 15:00	67503 WEWI_T2	0	0	0	0	0	0	-0.49	-0.53	0	0	0	0	0	0
1/3/2024 15:02	67605 WARW_T1	45	52	7	0.42	0.52	0.1	-1.2	-1.22	0	0	0	0	0	0
1/3/2024 15:02	43402 BENT_T1	0	0	0	0	0	0	-1.47	-1.48	2	2	0	1500	1500	0
1/3/2024 15:03	43402 BENT_T1	0	0	0	0	0	0	-1.47	-1.48	2	2	0	1500	1500	0
1/3/2024 15:17	47401 PENS_T1	0	0	0	0	0	0	-0.43	-0.48	0	0	0	0	0	0
1/3/2024 15:19	47401 PENS_T1	0	0	0	0	0	0	-0.43	-0.48	0	0	0	0	0	0
1/3/2024 15:20	47403 PENS_T1	1	1	0	0.5	0.8	0.3	0	0	0	0	0	0	0	0
1/3/2024 15:21	47401 PENS_T1	0	0	0	0	0	0	-0.43	-0.48	0	0	0	0	0	0
1/3/2024 15:21	65901 SAKR_T2	1	1	0	9.3	9.5	0.2	0	0	0	0	0	0	0	0
1/3/2024 15:23	47401 PENS_T1	0	0	0	0	0	0	-0.48	-0.45	0	0	0	0	0	0
1/3/2024 15:29	62607 ENGL_T1	0	0	0	0	0	0	-0.71	-0.73	0	0	0	0	0	0
1/3/2024 15:34	52101 MEIS_T1	0	1	1	0	0.3	0.3	0	0	0	0	0	0	0	0
1/3/2024 15:34	46302 ROHR_T1	2	4	2	0.45	0.58	0.13	-0.37	-0.43	0	0	0	0	0	0
1/3/2024 15:36	46302 ROHR_T1	2	4	2	0.45	0.58	0.13	-0.37	-0.43	0	0	0	0	0	0
1/3/2024 15:38	46003 BERW_T2	1	1	0	4.4	3.7	-0.7	0	0	0	0	0	0	0	0
1/3/2024 15:38	67201 TEHI_T1	0	0	0	0	0	0	-0.08	-0.14	1	1	0	900	900	0
1/3/2024 15:38	67605 WARW_T1	43	34	-9	0.57	0.44	-0.13	0	0	0	0	0	0	0	0
1/3/2024 15:40	67401 WAKE_T2	0	0	0	0	0	0	-1.19	-1.16	0	0	0	0	0	0
1/3/2024 15:41	67603 WARW_T1	0	0	0	0	0	0	0.05	0.03	0	0	0	0	0	0
1/3/2024 15:41	43001 ALWD_T1	10	0	-10	0.15	0	-0.15	0	0	0	0	0	0	0	0
1/3/2024 15:44	46504 LOHA_T1	2	2	0	1.55	0.7	-0.85	0	0	0	0	0	0	0	0
1/3/2024 15:46	64101 REFR_T1	0	0	0	0	0	0	-0.05	-0.04	0	0	0	0	0	0
1/3/2024 15:48	43202 MVIL_T2	0	0	0	0	0	0	-0.55	-0.56	0	0	0	0	0	0
1/3/2024 15:50	64101 REFR_T1	0	0	0	0	0	0	-0.05	-0.04	0	0	0	0	0	0
1/3/2024 15:51	11104 EGYP_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1/3/2024 15:52	40502 CRES_T2	13	7	-6	0.22	0.13	-0.09	-0.14	-0.1	0	0	0	0	0	0
1/3/2024 15:52	11104 EGYP_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1/3/2024 15:52	64101 REFR_T1	0	0	0	0	0	0	-0.05	-0.04	0	0	0	0	0	0
1/3/2024 15:53	60101 COCA_T1	0	0	0	0	0	0	0.33	0.35	0	0	0	0	0	0
1/3/2024 15:57	52102 MEIS_T1	0	0	0	0	0	0	0	0	1	1	0	450	450	0
1/3/2024 16:01	59003 MIFF_T1	0	0	0	0	0	0	-0.37	-0.92	0	0	0	0	0	0
1/3/2024 16:02	59101 WALK_T2	1	1	0	0	0	0	2.04	1.9	0	0	0	0	0	0
1/3/2024 16:03	59101 WALK_T2	1	1	0	0	0	0	2.04	1.9	0	0	0	0	0	0
1/3/2024 16:04	61402 SLIT_T1	1	1	0	0.7	1	0.3	0	0	0	0	0	0	0	0
1/3/2024 16:07	59101 WALK_T2	1	1	0	0	0	0	2.04	1.9	0	0	0	0	0	0
1/3/2024 16:12	40101 HUNT_T2	170	74	-96	0.53	0.49	-0.04	-0.63	-0.6	0	0	0	0	0	0
1/3/2024 16:14	48302 ORWI_T2	2	7	5	0.9	0.53	-0.37	0.14	0.11	0	0	0	0	0	0
1/3/2024 16:16	54505 ENOL_T2	1	1	0	0.4	0.2	-0.2	0	0	0	0	0	0	0	0
1/3/2024 16:29	52102 MEIS_T1	0	0	0	0	0	0	0	0	1	1	0	450	450	0
1/3/2024 16:30	64101 REFR_T1	0	0	0	0	0	0	-0.03	-0.02	0	0	0	0	0	0
1/3/2024 16:33	65003 NEFF_T2	3	0	-3	0.1	0	-0.1	0	0	0	0	0	0	0	0
1/3/2024 16:40	54502 ENOL_T2	0	0	0	0	0	0	-1.96	-1.88	1	1	0	600	600	0
1/3/2024 16:42	52101 MEIS_T1	1	2	1	1	1.4	0.4	0	0	0	0	0	0	0	0
1/3/2024 16:50	11104 EGYP_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1/3/2024 16:55	53901 HAU_T2	0	0	0	0	0	0	-0.38	-0.33	0	0	0	0	0	0
1/3/2024 16:55	11104 EGYP_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1/3/2024 17:09	63305 GREE_T1	0	0	0	0	0	0	-1.18	-1.23	0	0	0	0	0	0
1/3/2024 17:34	63305 GREE_T1	0	0	0	0	0	0	-1.23	-1.22	0	0	0	0	0	0
1/3/2024 17:57	65001 NEFF_T2	0	0	0	0	0	0	-0.87	-0.77	1	1	0	1200	1200	0
1/3/2024 18:05	63305 GREE_T1	0	0	0	0	0	0	-1.12	-1.16	0	0	0	0	0	0
1/3/2024 18:09	46903 MNTG_T2	0	0	0	0	0	0	-0.38	-0.34	1	1	0	600	600	0
1/3/2024 18:10	63305 GREE_T1	0	0	0	0	0	0	-1.16	-1.27	0	0	0	0	0	0
1/3/2024 18:14	45501 DERR_T2	2	3	1	0.65	0.2	-0.45	0.26	0.33	2	2	0	1800	1800	0
1/3/2024 18:15	46501 LOHA_T1	0	1	1	0	0.1	0.1	0.06	0.07	1	1	0	1200	1200	0
1/3/2024 18:19	45501 DERR_T2	2	3	1	0.2	0.4	0.2	0.26	0.33	2	2	0	1800	1800	0
1/3/2024 18:22	45501 DERR_T2	2	3	1	0.2	0.4	0.2	0.26	0.33	2	2	0	1800	1800	0
1/3/2024 18:23	43401 BENT_T1	1	0	-1	0.2	0	-0.2	0	0	0	0	0	0	0	0
1/3/2024 18:24	29401 BELT_T1	17	26	9	0.16	0.18	0.02	0	0	0	0	0	0	0	0
1/3/2024 18:24	28805 LAKE_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1/3/2024 18:25	46302 ROHR_T1	2	3	1	0.25	0.1	-0.15	-0.39	-0.37	0	0	0	0	0	0
1/3/2024 18:26	27101 GFLD_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1/3/2024 18:28	16402 MOPO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1/3/2024 18:28	48302 ORWI_T2	5	8	3	0.42	0.44	0.02	0.1	0.11	0	0	0	0	0	0
1/3/2024 18:29	45501 DERR_T2	2	3	1	0.2	0.4	0.2	0.33	0.37	2	2	0	1800	1800	0
1/3/2024 18:29	46903 MNTG_T2	0	0	0	0	0	0	-0.34	-0.38	1	1	0	600	600	0
1/3/2024 18:30	61306 EARL_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1/3/2024 18:30	27502 WEIS_T2	0	0	0	0	0	0	-0.4	-0.45	0	0	0	0	0	0
1/3/2024 18:30	46901 MNTG_T2	0	0	0	0	0	0	1.3	1.29	0	0	0	0	0	0
1/3/2024 18:30	45702 LIND_T2	1	1	0	0.4	0.8	0.4	-0.48	-0.51	0	0	0	0	0	0
1/3/2024 18:30	20403 ASHF_T2	0	0	0	0	0	0	0.47	0.47	0	0	0	0	0	0
1/3/2024 18:30	45501 DERR_T2	3	2	-1	0.3	0.5	0.2	0.33	0.37	2	2	0	1800	1800	0
1/3/2024 18:31	16302 ALPA_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1/3/2024 18:31	13503 MCMI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1/3/2024 18:31	46903 MNTG_T2	0	0	0	0	0	0	-0.34	-0.38	1	1	0	600	600	0
1/3/2024 18:32	27502 WEIS_T2	0	0	0	0	0	0	-0.4	-0.45	0	0	0	0	0	0
1/3/2024 18:32	43202 MVIL_T2	0	0	0	0	0	0	-0.68	-0.68	0	0	0	0	0	0
1/3/2024 18:32	16101 BING_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1/3/2024 18:34	29402 BELT_T1	1	1	0	6.7	7.2	0.5	0	0	0	0	0	0	0	0
1/3/2024 18:34	13503 MCMI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1/3/2024 18:34	43201 MVIL_T2	0	0	0	0	0	0	-1.27	-1.27	0	0	0	0	0	0
1/3/2024 18:34	40101 HUNT_T2	348	440	92	0.91	0.77	-0.14	-0.56	-0.54	0	0	0	0	0	0
1/3/2024 18:34	44601 SALE_T2	0	0	0	0	0	0	-0.07	-0.08	0	0	0	0	0	0
1/3/2024 18:35	14203 EALL_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1/3/2024 18:35	46801 HEIS_T2	0	0	0	0	0	0	0.67	0.65	0	0	0	0	0	0
1/3/2024 18:35	46004 BERW_T2	0	3	3	0	0	0	-0.55	-0.52	0	0	0	0	0	0
1/3/2024 18:35	43402 BENT_T1	0	0	0	0	0	0	-1.53	-1.54	2	2	0	1500	1500	0
1/3/2024 18:35	11104 EGYP_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1/3/2024 18:35	45402 WILO_T2	0	0	0	0	0	0	-0.57	-0.57	0	0	0	0	0	0
1/3/2024 18:35	43202 MVIL_T2	0	0	0	0	0	0	-0.68	-0.68	0	0	0	0	0	0
1/3/2024 18:35

Appendix C - Grid Benefits Achieved in Each Instance of Active Management

1/3/2024 18:46	41901 REED_T1	9	8	-1	0.4	0.55	0.15	0	0	0	0	0	0	0	0
1/3/2024 18:46	40502 CRES_T2	8	17	9	0.21	0.24	0.03	-1.95	-1.84	0	0	0	0	0	0
1/3/2024 18:46	47403 PENS_T1	1	1	0	2	2.3	0.3	0	0	0	0	0	0	0	0
1/3/2024 18:46	41801 GOCI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1/3/2024 18:46	14403 SSLA_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1/3/2024 18:46	61303 EARL_T1	0	0	0	0	0	0	0.32	0.3	0	0	0	0	0	0
1/3/2024 18:46	67001 STHI_T2	9	5	-4	0.18	0.24	0.06	0	0	0	0	0	0	0	0
1/3/2024 18:47	42701 AUGU_T1	1	2	1	0.6	0	-0.6	0	0	1	1	0	600	600	0
1/3/2024 18:47	67001 STHI_T2	9	5	-4	0.18	0.24	0.06	0	0	0	0	0	0	0	0
1/3/2024 18:48	64702 LITI_T2	0	0	0	0	0	0	-0.74	-0.78	0	0	0	0	0	0
1/3/2024 18:49	44301 BEAV_T2	0	0	0	0	0	0	-0.1	-0.12	1	1	0	600	600	0
1/3/2024 18:50	67503 WEWI_T2	0	0	0	0	0	0	-0.13	-0.03	0	0	0	0	0	0
1/3/2024 18:50	61303 EARL_T1	0	0	0	0	0	0	0.32	0.3	0	0	0	0	0	0
1/3/2024 18:50	41901 REED_T1	9	8	-1	0.4	0.55	0.15	0	0	0	0	0	0	0	0
1/3/2024 18:50	40101 HUNT_T2	435	379	-56	1.21	0.77	-0.44	-0.54	-0.56	0	0	0	0	0	0
1/3/2024 18:50	40502 CRES_T2	8	17	9	0.21	0.24	0.03	-1.3	-1.22	0	0	0	0	0	0
1/3/2024 18:51	67502 WEWI_T2	0	0	0	0	0	0	-0.37	-0.4	0	0	0	0	0	0
1/3/2024 18:51	57401 SPAN_T1	0	0	0	0	0	0	-0.54	-0.7	1	1	0	600	600	0
1/3/2024 18:51	53901 HALI_T2	0	0	0	0	0	0	-0.25	-0.21	0	0	0	0	0	0
1/3/2024 18:51	56501 ROCK_T2	2	2	0	0.6	0.8	0.2	0	0	0	0	0	0	0	0
1/3/2024 18:51	64702 LITI_T2	0	0	0	0	0	0	-0.74	-0.78	0	0	0	0	0	0
1/3/2024 18:51	66505 SMAN_T2	3	3	0	0.9	1.07	0.17	-0.84	-0.89	4	4	0	2200	2200	0
1/3/2024 18:51	53901 HALI_T2	0	0	0	0	0	0	-0.25	-0.21	0	0	0	0	0	0
1/3/2024 18:51	66504 SMAN_T2	0	0	0	0	0	0	-0.64	-0.56	0	0	0	0	0	0
1/3/2024 18:51	64101 REFR_T1	0	1	1	0	0	0	0	-0.02	0	0	0	0	0	0
1/3/2024 18:51	67605 WARW_T1	0	0	0	0	0	0	-1.22	-1.19	0	0	0	0	0	0
1/3/2024 18:51	13001 NBET_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1/3/2024 18:51	67204 TEHI_T2	0	0	0	0	0	0	0.18	0.17	0	0	0	0	0	0
1/3/2024 18:52	60101 COCA_T1	0	0	0	0	0	0	0.38	0.37	0	0	0	0	0	0
1/3/2024 18:52	67502 WEWI_T2	0	0	0	0	0	0	-0.37	-0.4	0	0	0	0	0	0
1/3/2024 18:52	59101 WALK_T2	1	1	0	0	0	0	1.02	1.16	1	1	0	450	450	0
1/3/2024 18:52	40502 CRES_T2	8	17	9	0.21	0.24	0.03	-3.25	-3.06	0	0	0	0	0	0
1/3/2024 18:52	67103 SPRI_T1	0	0	0	0	0	0	-0.07	-0.07	0	0	0	0	0	0
1/3/2024 18:52	56802 BENV_T2	1	1	0	0.6	0.5	-0.1	-3.82	-3.82	0	0	0	0	0	0
1/3/2024 18:52	65702 RVIL_T2	0	0	0	0	0	0	-1.08	-1.07	1	1	0	600	600	0
1/3/2024 18:52	16302 ALPA_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1/3/2024 18:52	57403 SPAN_T1	0	0	0	0	0	0	0.12	0.12	0	0	0	0	0	0
1/3/2024 18:52	48302 ORWI_T2	8	7	-1	1.33	0.66	-0.67	0.11	0.12	0	0	0	0	0	0
1/3/2024 18:52	55002 NEWP_T1	3	4	1	0.2	0.15	-0.05	-0.21	-0.22	0	0	0	0	0	0
1/3/2024 18:53	65502 MOJO_T2	0	1	1	0	0	0	0	0	0	0	0	0	0	0
1/3/2024 18:53	56802 BENV_T2	1	1	0	0.6	0.5	-0.1	-1.27	-1.27	0	0	0	0	0	0
1/3/2024 18:53	67204 TEHI_T2	0	0	0	0	0	0	0.18	0.17	0	0	0	0	0	0
1/3/2024 18:53	66505 SMAN_T2	3	3	0	0.9	1.07	0.17	0	0	0	0	0	0	0	0
1/3/2024 18:53	60803 BUCK_T1	0	0	0	0	0	0	-1.21	-1.17	1	1	0	600	600	0
1/3/2024 18:53	60101 COCA_T1	0	0	0	0	0	0	0.38	0.37	0	0	0	0	0	0
1/3/2024 18:53	64702 LITI_T2	0	0	0	0	0	0	-0.74	-0.78	0	0	0	0	0	0
1/3/2024 18:53	57403 SPAN_T1	0	0	0	0	0	0	0.12	0.12	0	0	0	0	0	0
1/3/2024 18:53	52004 LING_T2	1	1	0	0.8	0.9	0.1	0.27	0.24	0	0	0	0	0	0
1/3/2024 18:53	60201 ATGL_T2	0	0	0	0	0	0	0.21	0.25	1	1	0	300	300	0
1/3/2024 18:54	63303 GREE_T1	0	1	1	0	0	0	0	0	0	0	0	0	0	0
1/3/2024 18:54	52402 GRPA_T2	4	8	4	0.83	0.92	0.09	0	0	0	0	0	0	0	0
1/3/2024 18:54	64101 REFR_T1	0	1	1	0	0	0	-0.02	-0.02	0	0	0	0	0	0
1/3/2024 18:54	40601 PIGR_T1	0	3	3	0	0.1	0.1	0	0	0	0	0	0	0	0
1/3/2024 18:54	55002 NEWP_T1	3	4	1	0.2	0.15	-0.05	-0.22	-0.21	0	0	0	0	0	0
1/3/2024 18:54	57304 MOAL_T2	0	0	0	0	0	0	-0.21	-0.15	0	0	0	0	0	0
1/3/2024 18:54	40502 CRES_T2	8	17	9	0.21	0.24	0.03	-0.61	-0.61	0	0	0	0	0	0
1/3/2024 18:55	54601 SUMM_T2	0	0	0	0	0	0	-1.88	-1.86	2	2	0	2100	2100	0
1/3/2024 18:55	57401 SPAN_T1	0	0	0	0	0	0	-1.41	-1.47	2	2	0	1200	1200	0
1/3/2024 18:55	60803 BUCK_T1	0	0	0	0	0	0	-1.17	-1.17	1	1	0	600	600	0
1/3/2024 18:55	54202 PENN_T2	0	0	0	0	0	0	0.63	0.61	0	0	0	0	0	0
1/3/2024 18:55	67502 WEWI_T2	0	0	0	0	0	0	-0.4	-0.39	0	0	0	0	0	0
1/3/2024 18:55	56802 BENV_T2	1	1	0	0.6	0.5	-0.1	-1.27	-1.22	0	0	0	0	0	0
1/3/2024 18:55	62604 ENGL_T1	0	1	1	0	0	0	-0.51	-0.5	1	1	0	600	600	0
1/3/2024 18:56	54601 SUMM_T2	0	0	0	0	0	0	-1.88	-1.86	2	2	0	2100	2100	0
1/3/2024 18:56	56501 ROCK_T2	2	2	0	0.6	0.8	0.2	-0.51	-0.71	0	0	0	0	0	0
1/3/2024 18:56	40502 CRES_T2	8	17	9	0.21	0.24	0.03	-4.89	-4.88	0	0	0	0	0	0
1/3/2024 18:56	57401 SPAN_T1	0	0	0	0	0	0	-0.7	-0.73	1	1	0	600	600	0
1/3/2024 18:56	40101 HUNT_T2	435	379	-56	1.21	0.77	-0.44	-1.12	-1.07	0	0	0	0	0	0
1/3/2024 18:56	66503 MOJO_T2	0	0	0	0	0	0	-0.44	-0.44	0	0	0	0	0	0
1/3/2024 18:56	56501 ROCK_T2	2	2	0	0.6	0.8	0.2	-0.51	-0.71	0	0	0	0	0	0
1/3/2024 18:56	51102 CARL_T1	2	0	-2	0.1	0	-0.1	0	0	0	0	0	0	0	0
1/3/2024 18:56	56603 HAMP_T1	0	0	0	0	0	0	-0.99	-1.08	0	0	0	0	0	0
1/3/2024 18:56	56802 BENV_T2	1	1	0	0.6	0.5	-0.1	-1.27	-1.22	0	0	0	0	0	0
1/3/2024 18:56	54501 ENOL_T2	0	0	0	0	0	0	0.14	0.14	0	0	0	0	0	0
1/3/2024 18:56	67503 WEWI_T2	0	0	0	0	0	0	-0.03	-0.02	0	0	0	0	0	0
1/3/2024 18:56	47403 PENS_T1	1	1	0	2	2.3	0.3	0	0	0	0	0	0	0	0
1/3/2024 18:56	40601 PIGR_T1	0	3	3	0	0.1	0.1	0	0	0	0	0	0	0	0
1/3/2024 18:56	51603 DUKE_T1	0	0	0	0	0	0	-0.22	-0.24	0	0	0	0	0	0
1/3/2024 18:56	62604 ENGL_T1	0	1	1	0	0	0	-0.51	-0.5	1	1	0	600	600	0
1/3/2024 18:56	64301 LINC_T1	0	0	0	0	0	0	-0.3	-0.28	1	1	0	600	600	0
1/3/2024 18:56	67001 STHI_T2	9	5	-4	0.18	0.24	0.06	0	0	0	0	0	0	0	0
1/3/2024 18:56	65001 NEFF_T2	0	0	0	0	0	0	-0.87	-0.9	1	1	0	1200	1200	0
1/3/2024 18:56	58402 MORO_T1	1	0	-1	0.2	0	-0.2	-0.74	-0.75	3	3	0	2400	2400	0
1/3/2024 18:57	54505 ENOL_T2	0	0	0	0	0	0	-1.16	-1.15	1	1	0	600	600	0
1/3/2024 18:57	64202 KINZ_T1	0	0	0	0	0	0	0.64	0.66	0	0	0	0	0	0
1/3/2024 18:57	65001 NEFF_T2	0	0	0	0	0	0	-0.87	-0.9	1	1	0	1200	1200	0
1/3/2024 18:57	51603 DUKE_T1	0	0	0	0	0	0	-0.22	-0.24	0	0	0	0	0	0
1/3/2024 18:57	64902 MILL_T2	0	0	0	0	0	0	-0.68	-0.71	1	1	0	900	900	0
1/3/2024 18:57	52402 GRPA_T2	4	8	4	0.83	0.92	0.09	-1.02	-1.03	0	0	0	0	0	0
1/3/2024 18:57	67603 WARW_T1	0	0	0	0	0	0	0.04	0.03	0	0	0	0	0	0
1/3/2024 18:57	56504 ROCK_T2	0	0	0	0	0	0	-0.22	-0.24	0	0	0	0	0	0
1/3/2024 18:57	56802 BENV_T2	1	1	0	0.6	0.5	-0.1	-1.27	-1.22	0	0	0	0	0	0
1/3/2024 18:57	67501 WEWI_T1	0	0	0	0	0	0	-0.53	-0.52	0	0	0	0	0	0
1/3/2024 18:57	56504 ROCK_T2	0	0	0	0	0	0	-0.22	-0.24	0	0	0	0	0	0
1/3/2024 18:57	58302 NOTT_T1	0	0	0	0	0	0	-0.39	-0.31	1	1	0	1200	1200	0
1/3/2024 18:57	52402 GRPA_T2	4	8	4	0.83	0.92	0.09	-1.02	-1.03	0	0	0	0	0	0
1/3/2024 18:57	67402 WAKE_T2	0	0	0	0	0	0	-0.34	-0.34	1	1	0	600	600	0
1/3/2024 18:57	61306 EARL_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1/3/2024 18:57	64801 MONE_T2	0	0	0	0	0	0	0.41	0.41	0	0	0	0	0	0
1/3/2024 18:57	55002 NEWP_T1	3	4	1	0.2	0.15	-0.05	-0.22	-0.21	0	0	0	0	0	0
1/3/2024 18:57	57401 SPAN_T1	0	0	0	0	0	0	-0.7	-0.73	1	1	0	600	600	0
1/3/2024 18:57	56801 BENV_T1	14	16	2	0.47	0.52	0.05	-0.61	-0.57	1	1	0	600	600	0
1/3/2024 18:58	54504 ENOL_T2	0	0	0	0	0	0	-0.95	-0.96	1	1	0	600	600	0
1/3/2024 18:58	52401 GRPA_T2	3	18	15	0.33	0.23	-0.1	-0.43	-0.45	0	0	0	0	0	0
1/3/2024 18:58	67603 WARW_T1	0	0	0	0	0	0	0.04	0.03	0	0	0	0	0	0
1/3/2024 18:58	40502 CRES_T2	8	17	9	0.21	0.24	0.03	-0.61	-0.61	0	0	0	0	0	0
1/3/2024 18:58	53601 DALM_T2	0	0	0	0	0	0	-0.61	-0.41	1	1	0	600	600	0
1/3/2024 18:58	61303 EARL_T1	0	0	0	0	0	0	0.3	0.23	0	0	0	0	0	0
1/3/2024 18:58	41801 GOCI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1/3/2024 18:58	61402 SLIT_T1	1	1	0	3.9	3.7	-0.2	0	0	0	0	0	0	0	0
1/3/2024 18:58	64101 REFR_T1	0	1	1	0	0	0	-0.03	-0.03	0	0	0	0	0	0
1/3/2024 18:58	59302 MOAL_T1	0	0	0	0	0	0	-0.64	-0.61	1	1	0	600	600	0
1/3/2024 18:58	67503 WEWI_T2	0	0	0	0	0	0	-0.06	-0.05	0	0	0	0	0	0
1/3/2024 18:58	60803 BUCK_T1	0	0	0	0	0	0	-1.17	-1.17	1	1	0	600	600	0
1/3/2024 18:58	62604 ENGL_T1	0	1	1	0	0	0	-0.51	-0.5	1	1	0	600	600	0
1/3/2024 18:58	56501 ROCK_T2	2	2	0	0.6	0.8	0.2	-0.51	-0.71	0	0	0	0	0	0
1/3/2024 18:58	56802 BENV_T2	1	1	0	0.6	0.5	-0.1	-3.82	-3.67	0	0	0	0	0	0
1/3/2024 18:59	56504 ROCK_T2	0	0	0	0	0	0	-0.22	-0.24	0	0	0	0	0	0
1/3/2024 18:59	59003 MIFF_T1	0	1	1	0	0.2	0.2	-0.66	-2.36	0	0	0	0	0	0
1/3/2024 18:59	51102 CARL_T1	2	0	-2	0.1	0	-0.1	0	0	0	0	0	0	0	0
1/3/2024 18:59	67502 WEWI_T2	0	0	0	0	0	0	-0.79	-0.79	0	0	0	0	0	0
1/3/2024 18:59	47403 PENS_T1	1	1	0	2	2.3	0.3	0	0	0	0	0	0	0	0
1/3/2024 18:59	67605 WARW_T1	0	0	0	0	0	0	-1.19	-1.23	0	0	0	0	0	0
1/3/2024 18:59	62604 ENGL_T1	0	1	1	0	0	0	-0.51	-0.5	1	1	0	600	600	0
1/3/2024 18:59	67503 WEWI_T2	0	0	0	0	0	0	-0.03	-0.02	0	0	0	0	0	0
1/3/2024 18:59	51603 DUKE_T1	0	0	0	0	0	0	-0.22	-0.24	0	0	0	0	0	0
1/3/2024 18:59	56802 BENV_T2	1	1	0	0.6	0.5	-0.1	-1.27	-1.22	0	0	0	0	0	0
1/3/2024 18:59	67501 WEWI_T1	0	0	0	0	0	0	-0.53	-0.52	0	0	0	0	0	0
1/3/2024 19:00	55002 NEWP_T1	3	4	1	0.17	0.15	-0.02	-0.22	-0.21	0	0	0	0	0	0
1/3/2024 19:00	50103 HARR_T3	5	0	-5	0.38	0	-0.38	0	0	0	0	0	0	0	0
1/3/2024 19:00	52402 GRPA_T2	6	6	0	0.8	0.98	0.18	0	0	0	0	0	0	0	0
1/3/2024 19:00	67605 WARW_T1	0	0	0	0	0	0	-1.19	-1.23	0	0	0	0	0	0
1/3/2024 19:00	57303 MOAL_T2	1	1	0	7.4	7.4	0	0	0	0	0	0	0	0	0
1/3/2024 19:00	56802 BENV_T2	1	1	0	0.5	0.4	-0.1	-1.27	-1.22	0	0	0	0	0	0
1/3/2024 19:00	57401 SPAN_T1	0	0	0	0	0	0	-0.7	-0.73	1	1	0	600	600	0
1/3/2024 19:00	56501 ROCK_T2	2	2	0	1	0.2	-0.8	0	0	0	0	0	0	0	0
1/3/2024 19:00	54501 ENOL_T2	0	0	0	0	0	0	0.14	0.14	0	0	0	0	0	0
1/3/2024 19:00	59101 WALK_T2	1	1	0	0	0	0	1.16	1.19	1	1	0	450	450	0
1/3/2024 19:01	59101 WALK_T2	1	1	0	0	0	0	1.16	1.19	1	1	0	450	450	0
1/3/2024 19:01	54601 SUMM_T2	0	0	0	0	0	0	-1.88	-1.86	2	2	0	2100	2100	0
1/3/2024 19:01	65902 SAKR_T2	0	0	0	0	0	0	-0.44	-0.48	1	1	0	300	300	0
1/3/2024 19:01	67203 TEHI_T1	1	0	0.7	0	-0.7	2.19	2.3	1	1	0	600	600	0	
1/3/2024 19:01	52402 GRPA_T2	6	6	0	0.8	0.98	0.18	-1.02	-1.03	0	0	0	0	0	0
1/3/2024 19:01	64101 REFR_T1	1	0	-1	0.3	0	-0.3	-0.02	-0.02	0	0	0	0	0	0
1/3/2024 19:01	52402 GRPA_T2	6	6	0	0.8	0.98	0.18	-1.02	-1.03	0	0	0	0	0	0
1/3/2024 19:01	56802 BENV_T2	1	1	0	0.5	0.4	-0.1	-2.54	-2.45	0	0	0	0	0	0
1/3/2024 19:01	56501 ROCK_T2	1	2	1	1	0.2	-0.8	-0.51	-0.71	0	0	0	0	0	0
1/3/2024 19:01	52501 PROG_T1	0	0	0	0	0	0	0.42	0.4	1	1	0	300	300	0
1/3/2024 19:02	57401 SPAN_T1	0	0	0	0	0	0	-0.7	-0.73	1	1	0	600	600	0
1/3/2024 19:02	56501 ROCK_T2	1	2	1	1	0.2	-0.8	0	0	0	0	0	0	0	0
1/3/2024 19:02	52102 MEIS_T1	0	1	1	0	0.1	0.1	0	0	1	1	0	450	450	0
1/3/2024 19:02	59101 WALK_T2	1	1	0	0	0	0	1.16	1.19	1	1	0	450	450	0
1/3/2024 19:02	65702 RVIL_T2	0	0	0	0	0	0	-2.14	-2.21	2	2	0	1200	1200	0
1/3/2024 19:02	67203 TEHI_T1	1	1	0	0.7	0	-0.7	0	0	0	0	0	0	0	0
1/3/2024 19:02	60201 ATGL_T2	0	0	0	0	0	0	0.25	0.26	1	1	0	300	300	0
1/3/2024 19:02	57401 SPAN_T1	0	0	0	0	0	0	-0.7	-0.73	1	1	0	600	600	0
1/3/2024 19:02	64101 REFR_T1	1	0	-1	0.3	0	-0.3	-0.02	-0.02	0	0	0	0	0	0
1/3/2024 19:02	54206 PENN_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1/3/2024 19:02	53903 HALI_T2	2	2	0	0.6	0.9	0.3	-0.24	-0.23	0	0	0	0	0	0
1/3/2024 19:02	56802 BENV_T2	1	1	0	0.5	0.4	-0.1	-2.54	-2.45	0	0	0	0	0	0
1/3/2024 19:03	63305 GREE_T1	0	0	0	0	0	0	-1.22	-1.25	0	0	0	0	0	0
1/3/2024 19:03	67401 WAKE_T2	0	0	0	0	0	0	-1.14	-1.15	0	0	0	0	0	0
1/3/2024 19:03	56501 ROCK_T2	1	2	1	1	0.2	-0.8	-1.01	-1.43	0	0	0	0	0	0
1/3/2024 19:03	56802 BENV_T2	1	1	0	0.5	0.4	-0.1	-3.82	-3.67	0	0	0	0	0	0
1/3/2024 19:03	62604 ENGL_T1	0	2	2	0	0	0	-0.51	-0.5	1	1	0	600	600	0
1/3/2024 19:04	52402 GRPA_T2	6	6	0	0.8	0.98	0.18	0	0	0	0	0	0	0	0
1/3/2024 19:04	57403 SPAN_T1	0	0	0	0	0	0	0.12	0.12	0	0	0	0	0	0
1/3/2024 19:04	52102 MEIS_T1	0	1	1	0	0.1	0.1	0	0	2	2	0	900	900	0
1/3/2024 19:04	61303 EARL_T1	0	0	0	0	0	0	0.3	0.23	0	0	0	0	0	0
1/3/2024 19:04	66703 STRA_T1	0	0	0	0	0	0	-0.23	-0.22	0	0	0	0	0	0
1/3/2024 19:05	56504 ROCK_T2	0	0	0	0	0	0	-0.22	-0.24	0	0	0	0	0	0
1/3/2024 19:05	67605 WARW_T1	0	0	0	0	0	0	-1.19	-1.23	0	0	0	0	0	0
1/3/2024 19:05	58402 MORO_T1	0	0	0	0	0	0	-0.74	-0.75	3	3	0	2400	2400	0
1/3/2024 19:06	64101 REFR_T1	1	0	-1	0.3	0	-0.3	-0.02	-0.02	0	0	0	0	0	0
1/3/2024 19:06	64802 MONE_T2	0	0	0	0	0	0	0	0.01	0	0	0	0	0	0
1/3/2024 19:06	60101 COCA_T1	0	0	0	0	0	0	0.37	0.37	0	0	0	0	0	0
1/3/2024 19:06	56802 BENV_T2	1	1	0	0.5	0.4	-0.1	-1.27	-1.22	0	0	0	0	0	0
1/3/2024 19:06	51603 DUKE_T1	0	0	0	0	0	0	-0.22	-0.24	0	0	0	0	0	0
1/3/2024 19:07	67901 WNHO_T2	0	0	0	0	0	0	-0.5	-0.67	0

1/3/2024 22:12	63305 GREE_T1	4	7	3	0.33	0.24	-0.09	-1.33	-1.3	0	0	0	0	0	0
1/3/2024 22:26	64204 KINZ_T1	1	1	0	1.1	0.9	-0.2	0	0	0	0	0	0	0	0
1/3/2024 22:27	64202 KINZ_T1	0	2	2	0	0.2	0.2	0	0	0	0	0	0	0	0
1/3/2024 22:33	63305 GREE_T1	6	0	-6	0.2	0	-0.2	-1.3	-1.31	0	0	0	0	0	0
1/3/2024 22:41	65001 NEFF_T2	0	0	0	0	0	0	-0.98	-0.96	1	1	0	1200	1200	0
1/3/2024 22:46	64204 KINZ_T1	1	1	0	0.9	1.1	0.2	0	0	0	0	0	0	0	0
1/3/2024 22:47	64204 KINZ_T1	1	1	0	0.9	1.1	0.2	0	0	0	0	0	0	0	0
1/3/2024 23:06	64204 KINZ_T1	1	1	0	1.1	0.4	-0.7	0	0	0	0	0	0	0	0
1/3/2024 23:07	64204 KINZ_T1	1	1	0	1.1	0.4	-0.7	0	0	0	0	0	0	0	0
1/3/2024 23:13	65001 NEFF_T2	0	0	0	0	0	0	-1.13	-1.11	1	1	0	1200	1200	0
1/3/2024 23:26	64201 KINZ_T1	325	336	11	0.62	0.6	-0.02	0	0	0	0	0	0	0	0
1/3/2024 23:27	64201 KINZ_T1	325	336	11	0.62	0.6	-0.02	0	0	0	0	0	0	0	0
1/3/2024 23:31	63305 GREE_T1	0	0	0	0	0	0	-1.34	-2.39	0	1	1	0	900	900
1/3/2024 23:46	63305 GREE_T1	0	0	0	0	0	0	-2.39	-2.49	1	1	0	900	900	0
1/4/2024 0:07	63305 GREE_T1	0	0	0	0	0	0	-2.49	-2.48	1	1	0	900	900	0
1/4/2024 0:16	65001 NEFF_T2	0	0	0	0	0	0	-1.18	-1.24	1	1	0	1200	1200	0
1/4/2024 0:32	65001 NEFF_T2	0	0	0	0	0	0	-1.24	-1.15	1	1	0	1200	1200	0
1/4/2024 0:34	63305 GREE_T1	0	0	0	0	0	0	-2.4	-2.44	1	1	0	900	900	0
1/4/2024 0:55	63305 GREE_T1	0	0	0	0	0	0	-2.44	-2.39	1	1	0	900	900	0
1/4/2024 1:21	63305 GREE_T1	0	3	3	0	0.13	0.13	-2.39	-2.39	1	1	0	900	900	0
1/4/2024 1:35	65001 NEFF_T2	0	3	3	0	0.1	0.1	-1.24	-1.25	1	1	0	1200	1200	0
1/4/2024 1:47	63305 GREE_T1	3	0	-3	0.13	0.23	0.1	-2.42	-2.5	1	1	0	900	900	0
1/4/2024 2:22	65001 NEFF_T2	1	1	0	0.1	0.1	0	-1.28	-1.26	1	1	0	1200	1200	0
1/4/2024 2:27	65001 NEFF_T2	1	1	0	0.1	0.1	0	-1.26	-1.24	1	1	0	1200	1200	0
1/4/2024 2:34	63305 GREE_T1	3	4	1	0.23	0.28	0.05	-2.46	-2.51	1	1	0	900	900	0
1/4/2024 2:48	65001 NEFF_T2	1	0	-1	0.1	0	-0.1	-1.24	-1.25	1	1	0	1200	1200	0
1/4/2024 3:58	63305 GREE_T1	3	1	-2	0.1	0.1	0	-2.47	-2.49	1	1	0	900	900	0
1/4/2024 4:07	65001 NEFF_T2	0	0	0	0	0	0	-1.19	-1.22	1	1	0	1200	1200	0
1/4/2024 4:19	63305 GREE_T1	1	0	-1	0.1	0	-0.1	-2.49	-2.45	1	1	0	900	900	0
1/4/2024 4:20	43402 BENT_T1	0	0	0	0	0	0	-1.59	-1.58	2	2	0	1500	1500	0
1/4/2024 4:39	43402 BENT_T1	0	0	0	0	0	0	-1.59	-1.58	2	2	0	1500	1500	0
1/4/2024 4:40	43402 BENT_T1	0	0	0	0	0	0	-1.59	-1.58	2	2	0	1500	1500	0
1/4/2024 4:49	65001 NEFF_T2	0	0	0	0	0	0	-1.2	-1.19	1	1	0	1200	1200	0
1/4/2024 4:59	43402 BENT_T1	0	0	0	0	0	0	-1.58	-1.58	2	2	0	1500	1500	0
1/4/2024 5:00	43402 BENT_T1	0	0	0	0	0	0	-1.58	-1.58	2	2	0	1500	1500	0
1/4/2024 5:19	43402 BENT_T1	0	0	0	0	0	0	-1.58	-1.59	2	2	0	1500	1500	0
1/4/2024 5:20	43402 BENT_T1	0	0	0	0	0	0	-1.58	-1.59	2	2	0	1500	1500	0
1/4/2024 5:39	43402 BENT_T1	0	0	0	0	0	0	-1.56	-1.58	2	2	0	1500	1500	0
1/4/2024 5:40	43402 BENT_T1	0	0	0	0	0	0	-1.56	-1.58	2	2	0	1500	1500	0
1/4/2024 5:52	65001 NEFF_T2	0	0	0	0	0	0	-1.14	-1.11	1	1	0	1200	1200	0
1/4/2024 5:59	43402 BENT_T1	0	0	0	0	0	0	-1.58	-1.55	2	2	0	1500	1500	0
1/4/2024 6:00	43402 BENT_T1	0	0	0	0	0	0	-1.58	-1.55	2	2	0	1500	1500	0
1/4/2024 6:04	63305 GREE_T1	0	0	0	0	0	0	-2.4	-2.34	1	1	0	900	900	0
1/4/2024 6:19	65001 NEFF_T2	0	0	0	0	0	0	-0.97	-0.87	1	1	0	1200	1200	0
1/4/2024 6:19	43402 BENT_T1	0	0	0	0	0	0	-1.55	-1.52	2	2	0	1500	1500	0
1/4/2024 6:20	43402 BENT_T1	0	0	0	0	0	0	-1.55	-1.52	2	2	0	1500	1500	0
1/4/2024 6:39	43402 BENT_T1	0	0	0	0	0	0	-1.52	-1.55	2	2	0	1500	1500	0
1/4/2024 6:40	43402 BENT_T1	0	0	0	0	0	0	-1.52	-1.55	2	2	0	1500	1500	0
1/4/2024 6:59	43402 BENT_T1	0	0	0	0	0	0	-1.55	-1.53	2	2	0	1500	1500	0
1/4/2024 7:00	43402 BENT_T1	0	0	0	0	0	0	-1.55	-1.53	2	2	0	1500	1500	0
1/4/2024 7:07	63305 GREE_T1	1	1	0	0.2	0.2	0	-2.22	-2.03	1	1	0	900	900	0
1/4/2024 7:11	65001 NEFF_T2	0	0	0	0	0	0	-0.69	-0.53	1	1	0	1200	1200	0
1/4/2024 7:19	43402 BENT_T1	0	0	0	0	0	0	-1.53	-1.52	2	2	0	1500	1500	0
1/4/2024 7:20	43402 BENT_T1	0	0	0	0	0	0	-1.53	-1.52	2	2	0	1500	1500	0
1/4/2024 7:39	43402 BENT_T1	0	0	0	0	0	0	-1.5	-1.5	2	2	0	1500	1500	0
1/4/2024 7:40	43402 BENT_T1	0	0	0	0	0	0	-1.5	-1.5	2	2	0	1500	1500	0
1/4/2024 7:43	65001 NEFF_T2	0	0	0	0	0	0	-0.61	-0.6	1	1	0	1200	1200	0
1/4/2024 7:53	43402 BENT_T1	0	0	0	0	0	0	-3	-3.02	4	4	0	3000	3000	0
1/4/2024 7:53	45501 DERR_T2	0	0	0	0	0	0	0.73	0.81	2	2	0	1800	1800	0
1/4/2024 7:58	40101 HUNT_T2	58	253	195	0.33	0.35	0.02	-0.41	-0.38	0	0	0	0	0	0
1/4/2024 7:59	43402 BENT_T1	0	0	0	0	0	0	-1.5	-1.51	2	2	0	1500	1500	0
1/4/2024 8:00	43402 BENT_T1	0	0	0	0	0	0	-1.5	-1.51	2	2	0	1500	1500	0
1/4/2024 8:00	63305 GREE_T1	8	8	0	0.19	0.36	0.17	-1.95	-2.02	1	1	0	900	900	0
1/4/2024 8:19	43401 BENT_T1	0	1	1	0	0	0	0	0	0	0	0	0	0	0
1/4/2024 8:20	43402 BENT_T1	0	0	0	0	0	0	-1.51	-1.52	2	2	0	1500	1500	0
1/4/2024 8:21	67103 SPRI_T1	0	0	0	0	0	0	0.55	0.57	0	0	0	0	0	0
1/4/2024 8:22	49804 UNIV_T1	1	1	0	0.9	0	-0.9	0	0	0	0	0	0	0	0
1/4/2024 8:26	45501 DERR_T2	0	0	0	0	0	0	0.75	0.69	2	2	0	1800	1800	0
1/4/2024 8:30	52403 GRPA_T2	0	5	5	0	0.1	0.1	0	0	0	0	0	0	0	0
1/4/2024 8:31	52402 GRPA_T2	2	1	-1	1.7	3.9	2.2	0	0	0	0	0	0	0	0
1/4/2024 8:33	55002 NEWP_T1	6	6	0	0.6	0.73	0.13	-0.17	-0.19	0	0	0	0	0	0
1/4/2024 8:35	65001 NEFF_T2	0	0	0	0	0	0	-0.43	-0.59	1	1	0	1200	1200	0
1/4/2024 8:39	43402 BENT_T1	0	0	0	0	0	0	-1.49	-1.54	2	2	0	1500	1500	0
1/4/2024 8:40	43401 BENT_T1	0	1	1	0	0	0	0	0	0	0	0	0	0	0
1/4/2024 8:42	53601 DALM_T2	1	1	0	0.3	0.1	-0.2	-0.27	-0.29	1	1	0	600	600	0
1/4/2024 9:00	50201 HARR_T3	2	2	0	4.45	4.6	0.15	-0.87	-0.85	1	1	0	1200	1200	0
1/4/2024 9:00	23401 HONE_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1/4/2024 9:00	46903 MNTG_T2	0	0	0	0	0	0	0.25	0.05	1	1	0	600	600	0
1/4/2024 9:00	67402 WAKE_T2	0	0	0	0	0	0	0.55	0.54	1	1	0	600	600	0
1/4/2024 9:00	67503 WEWI_T2	0	0	0	0	0	0	-0.01	-0.02	0	0	0	0	0	0
1/4/2024 9:00	53903 HALI_T2	2	2	0	0.85	1	0.15	-0.23	-0.21	0	0	0	0	0	0
1/4/2024 9:00	43304 WATS_T2	0	0	0	0	0	0	-0.27	-0.1	0	0	0	0	0	0
1/4/2024 9:00	54501 ENOL_T2	0	0	0	0	0	0	-0.49	-0.52	1	1	0	600	600	0
1/4/2024 9:00	27502 WEIS_T2	0	0	0	0	0	0	-0.38	-0.32	0	0	0	0	0	0
1/4/2024 9:00	43001 ALWD_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1/4/2024 9:00	43402 BENT_T1	0	0	0	0	0	0	-1.54	-0.89	2	1	-1	1500	900	-600
1/4/2024 9:00	42903 MIDD_T2	0	0	0	0	0	0	0.62	0.61	1	1	0	1200	1200	0
1/4/2024 9:00	13503 MCMI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1/4/2024 9:01	11801 FRAN_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1/4/2024 9:02	65503 MOIO_T2	0	0	0	0	0	0	-1.07	-1.13	1	1	0	900	900	0
1/4/2024 9:02	62604 ENGL_T1	0	0	0	0	0	0	-0.5	-0.5	1	1	0	600	600	0
1/4/2024 9:02	40101 HUNT_T2	303	211	-92	0.57	0.39	-0.18	-0.27	-0.26	0	0	0	0	0	0
1/4/2024 9:06	46004 BERW_T2	0	0	0	0	0	0	-0.32	-0.23	0	0	0	0	0	0
1/4/2024 9:07	44201 POIN_T1	0	0	0	0	0	0	-0.6	-0.88	1	1	0	900	900	0
1/4/2024 9:08	57401 SPAN_T1	0	2	2	0	0.15	0.15	0	0	0	0	0	0	0	0
1/4/2024 9:08	41901 REED_T1	10	11	1	0.49	0.58	0.09	0	0	0	0	0	0	0	0
1/4/2024 9:08	59102 WALK_T2	0	0	0	0	0	0	-0.33	-0.33	1	1	0	600	600	0
1/4/2024 9:08	43402 BENT_T1	0	0	0	0	0	0	-1.54	-0.89	2	1	1	900	1500	600
1/4/2024 9:09	51603 DUKE_T1	0	0	0	0	0	0	-0.27	-0.28	0	0	0	0	0	0
1/4/2024 9:11	45501 DERR_T2	0	1	1	0	0	0	0.61	0.7	2	2	0	1800	1800	0
1/4/2024 9:11	43402 BENT_T1	0	0	0	0	0	0	-0.89	-1.52	1	2	1	900	1500	600
1/4/2024 9:12	45501 DERR_T2	0	1	1	0	0	0	0.61	0.7	2	2	0	1800	1800	0
1/4/2024 9:15	54505 ENOL_T2	1	1	0	0.7	0.7	0	0	0	0	0	0	0	0	0
1/4/2024 9:15	52101 MEIS_T1	1	2	1	0.5	0.3	-0.2	0	0	0	0	0	0	0	0
1/4/2024 9:16	47401 PENS_T1	0	0	0	0	0	0	-0.41	-0.42	0	0	0	0	0	0
1/4/2024 9:16	40101 HUNT_T2	210	259	49	0.4	0.44	0.04	-0.26	-0.29	0	0	0	0	0	0
1/4/2024 9:17	52101 MEIS_T1	1	2	1	0.5	0.3	-0.2	0	0	0	0	0	0	0	0
1/4/2024 9:18	47403 PENS_T1	1	1	0	1.4	1.1	-0.3	0	0	0	0	0	0	0	0
1/4/2024 9:18	46901 MNTG_T2	0	0	0	0	0	0	1.71	1.95	0	0	0	0	0	0
1/4/2024 9:19	16006 DORN_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1/4/2024 9:20	47401 PENS_T1	0	0	0	0	0	0	-0.41	-0.42	0	0	0	0	0	0
1/4/2024 9:20	49803 UNIV_T1	0	1	1	0	0	0	-1.07	-1.06	0	0	0	0	0	0
1/4/2024 9:21	67103 SPRI_T1	0	0	0	0	0	0	0.53	0.58	0	0	0	0	0	0
1/4/2024 9:21	55002 NEWP_T1	6	6	0	0.68	0.88	0.2	-0.16	-0.17	0	0	0	0	0	0
1/4/2024 9:21	16006 DORN_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1/4/2024 9:22	67103 SPRI_T1	0	0	0	0	0	0	0.53	0.58	0	0	0	0	0	0
1/4/2024 9:22	29402 BELT_T1	1	1	0	6.6	7.1	0.5	0	0	0	0	0	0	0	0
1/4/2024 9:23	49803 UNIV_T1	0	1	1	0	0	0	-1.06	-1.01	0	0	0	0	0	0
1/4/2024 9:23	16006 DORN_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1/4/2024 9:24	53601 DALM_T2	1	0	-1	0.6	0	-0.6	-0.26	-0.26	1	1	0	600	600	0
1/4/2024 9:24	67103 SPRI_T1	0	0	0	0	0	0	0.58	0.55	0	0	0	0	0	0
1/4/2024 9:28	52403 GRPA_T2	2	3	1	0.25	0	-0.25	0	0	0	0	0	0	0	0
1/4/2024 9:28	41801 GOCI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1/4/2024 9:28	11804 FRAN_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1/4/2024 9:30	41801 GOCI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1/4/2024 9:32	41902 REED_T1	0	0	0	0	0	0	0.63	0.58	0	0	0	0	0	0
1/4/2024 9:34	56501 ROCK_T2	1	0	-1	0.4	0	-0.4	-1.38	-1.4	0	0	0	0	0	0
1/4/2024 9:36	42202 SHEN_T2	1	1	0	0.1	0	-0.1	0	0	0	0	0	0	0	0
1/4/2024 9:37	56802 BENV_T2	1	1	0	0.2	0.5	0.3	-1.34	-1.35	0	0	0	0	0	0
1/4/2024 9:40	56802 BENV_T2	1	1	0	0.2	0.5	0.3	-1.35	-1.33	0	0	0	0	0	0
1/4/2024 9:42	56802 BENV_T2	1	1	0	0.2	0.5	0.3	-1.35	-1.33	0	0	0	0	0	0
1/4/2024 9:43	56802 BENV_T2	1	1	0	0.2	0.5	0.3	-1.35	-1.33	0	0	0	0	0	0
1/4/2024 9:46	39601 LNFD_T1	0	0	0	0	0	0	0	0	1	0	-1	900	0	-900
1/4/2024 9:47	55002 NEWP_T1	6	6	0	0.88	0.82	-0.06	-0.17	-0.17	0	0	0	0	0	0
1/4/2024 9:48	46903 MNTG_T2	0	0	0	0	0	0	0.17	0.27	1	1	0	600	600	0
1/4/2024 9:48	55002 NEWP_T1	6	6	0	0.88	0.82	-0.06	-0.17	-0.17	0	0	0	0	0	0
1/4/2024 9:48	13503 MCMI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1/4/2024 9:49	14403 SSLA_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1/4/2024 9:49	55002 NEWP_T1	6	6	0	0.88	0.82	-0.06	-0.17	-0.17	0	0	0	0	0	0
1/4/2024 9:50	46903 MNTG_T2	0	0	0	0	0	0	0.17	0.27	1	1	0	600	600	0
1/4/2024 9:53	56802 BENV_T2	1	2	1	0.5	0.2	-0.3	-1.35	-1.33	0	0	0	0	0	0
1/4/2024 9:54	42701 AUGU_T1	1	2	1	0.5	0.1	-0.4	0	0	1	1	0	600	600	0
1/4/2024 9:54	67502 WEWI_T2	0	1	1	0	0	0	-1.12	-1.12	1	1	0	900	900	0
1/4/2024 9:55	56802 BENV_T2	1	2	1	0.5	0.2	-0.3	-1.33	-1.37	0	0	0	0	0	0
1/4/2024 9:56	42701 AUGU_T1	1	2	1	0.5	0.1	-0.4	0	0	1	1	0	600	600	0
1/4/2024 9:58	40101 HUNT_T2	249	304	55	0.5	0.48	-0.02	-0.29	-0.21	0	0	0	0	0	0
1/4/2024 9:58	45802 HEGI_T2	0	0	0	0	0	0	0.81	0.64	0	1	1	0	300	300
1/4/2024 10:00	45802 HEGI_T2	0	0	0	0	0	0	0.81	0.64	0	1	1	0	300	300
1/4/2024 10:01	46903 MNTG_T2	0	0	0	0	0	0	0.27	0.24	1	1	0	600	600	0
1/4/2024 10:01	54205 PENN_T1	38	55	17	0.26	0.27	0.01	0	0	0	0	0	0	0	0
1/4/2024 10:02	57303 MOAL_T2	1	1	0	6.8	6.7	-0.1	0	0	0	0	0	0	0	0
1/4/2024 10:03	55002 NEWP_T1	5	6	1	0.74	0.98	0.24	-0.17	-0.19	0	0	0	0	0	0
1/4/2024 10:04	55002 NEWP_T1	5	6	1	0.74	0.98	0.24	-0.17	-0.19	0	0	0	0	0	0
1/4/2024 10:04	46903 MNTG_T2	0	0	0	0	0	0	0.27	0.24	1	1	0	600	600	0
1/4/2024 10:04	13704 SCHN_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1/4/2024 10:05	55002 NEWP_T1	5	6	1	0.74	0.98	0.24	-0.17	-0.19	0	0	0	0	0	0
1/4/2024 10:05	67201 TEHI_T1	0	0	0	0	0	0	0.68	0.8	1	1	0	900	900	0
1/4/2024 10:05	44201 POIN_T1	0	0	0	0	0	0	-0.17	-0.12	1	1	0	900	900	0
1/4/2024 10:05	13704 SCHN_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1/4/2024 10:05	66504 SMAN_T2	0	0	0	0	0	0	-0.59	-0.47	0	0	0	0	0	0
1/4/2024 10:06	44201 POIN_T1	0	0	0	0	0	0	-0.17	-0.12	1	1	0	900	900	0
1/4/2024 10:07	66504 SMAN_T2	0	0	0	0	0	0	-0.3	-0.23	0	0	0	0	0	0
1/4/2024 10:08	43402 BENT_T1	0	0	0	0	0	0	-1.52	-1.52	2	2	0	1500	1500	0
1/4/2024 10:08	29401 BELT_T1	1	2	1	0.1	0.1	0	0	0	0	0	0	0	0	0
1/4/2024 10:09	67602 WARW_T2	0	0	0	0	0	0	1.33	1.3	0	0	0	0	0	0
1/4/2024 10:09	59101 WALK_T2	1	1	0	0	0	0	4.29	3.5	2	2	0	900	900	0
1/4/2024 10:09	43001 ALWD_T1	1	0	-1	0.1	0	-0.1	0	0	0	0	0	0	0	0
1/4/2024 10:09	43402 BENT_T1	0	0	0	0	0	0	-1.52	-1.52	2	2	0	1500	1500	0
1/4/2024 10:09	56802 BENV_T2	1	2	1	0.3	0.3	0	-1.37	-1.34	0	0	0	0	0	0
1/4/2024 10:10	59101 WALK_T2	1	1	0	0	0	0	2.14	1.75	1	1	0	450	450	0
1/4/2024 10:10	56802 BENV_T2	1	2	1	0.3	0.3	0	-1.37	-1.34	0	0	0	0	0	0
1/4/2024 10:10	67203 TEHI_T1	7	9	2	0.59	0.45	-0.14	2.86	2.87	2	2	0	1200	1200	0
1/4/2024 10:10	67602 WARW_T2	0	0	0	0	0	0	0.66	0.65	0	0	0	0	0	0
1/4/2024 10:10	20403 ASHF_T2	2	0	-2	0.1	0	-0.1	0.23	0.18	0	0	0	0	0	0
1/4/2024 10:11	54504 ENOL_T2	0	0	0	0	0	0	-1.03	-1.03	1	1	0	600	600	0
1/4/2024 10:11	62604 ENGL_T1	0	0	0	0	0	0	-0.48	-0.51	1	1	0	600	600	0
1/4/2024 10:11	56802 BENV_T2	1	2	1	0.3	0.3	0	-1.37	-1.34	0	0	0	0	0	0
1/4/2024 10:11	53903 HALI_T2	2	2	0	0.8	0.9	0.1	-0.22	-0.22	0	0	0	0	0	0
1/4/2024 10:11	53501 EVIL_T2

1/4/2024 10:36	14403 SSLA_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1/4/2024 10:36	65702 RVIL_T2	2	0	-2	3.6	0	-3.6	-1.02	-1	1	1	0	600	600	0
1/4/2024 10:37	16302 ALPA_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1/4/2024 10:37	57401 SPAN_T1	2	2	0	0.15	0.25	0.1	-0.95	-1.02	1	1	0	600	600	0
1/4/2024 10:37	67502 WEWI_T2	0	0	0	0	0	0	-1.07	-0.96	1	1	0	900	900	0
1/4/2024 10:37	59101 WALK_T2	1	1	0	0	0	0	1.75	2.1	0	0	0	0	0	0
1/4/2024 10:40	16302 ALPA_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1/4/2024 10:40	67502 WEWI_T2	0	0	0	0	0	0	-1.93	-2.02	2	2	0	1800	1800	0
1/4/2024 10:41	16302 ALPA_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1/4/2024 10:42	60201 ATGL_T2	0	0	0	0	0	0	-0.01	-0.01	1	1	0	600	600	0
1/4/2024 10:44	39601 LNFD_T1	1	0	-1	0.4	0	-0.4	0	0	1	1	0	900	900	0
1/4/2024 10:46	40101 HUNT_T2	156	151	-5	0.52	0.35	-0.17	-0.27	-0.38	0	0	0	0	0	0
1/4/2024 10:48	43402 BENT_T1	0	0	0	0	0	0	-1.52	-0.86	2	1	-1	1500	900	-600
1/4/2024 10:49	43402 BENT_T1	0	0	0	0	0	0	-1.52	-0.86	2	1	-1	1500	900	-600
1/4/2024 10:50	40602 PIGR_T1	0	0	0	0	0	0	-1.01	-1	2	2	0	1200	1200	0
1/4/2024 10:52	56801 BENV_T1	18	20	2	0.9	1.12	0.22	-0.65	-0.64	1	1	0	600	600	0
1/4/2024 10:52	67503 WEWI_T2	0	0	0	0	0	0	-0.12	-0.11	0	0	0	0	0	0
1/4/2024 10:53	67402 WAKE_T2	0	0	0	0	0	0	0	0.06	1	1	0	600	600	0
1/4/2024 10:53	59101 WALK_T2	1	1	0	0	0	0	2.1	1.98	0	0	0	0	0	0
1/4/2024 10:54	56802 BENV_T2	4	4	0	0.23	0.33	0.1	-1.43	-1.36	0	0	0	0	0	0
1/4/2024 10:54	60201 ATGL_T2	0	0	0	0	0	0	-0.01	0.01	1	1	0	600	600	0
1/4/2024 10:54	67605 WARW_T1	0	1	1	0	0.1	0.1	-1.07	-1.12	0	0	0	0	0	0
1/4/2024 10:57	47001 HUGH_T2	0	0	0	0	0	0	-1.28	-1.29	0	0	0	0	0	0
1/4/2024 10:57	56801 BENV_T1	18	20	2	0.9	1.12	0.22	-0.64	-0.66	1	1	0	600	600	0
1/4/2024 10:58	61801 EELI_T2	0	0	0	0	0	0	-0.29	-0.28	0	0	0	0	0	0
1/4/2024 11:00	40101 HUNT_T2	98	148	50	0.36	0.26	-0.1	-0.38	-0.41	0	0	0	0	0	0
1/4/2024 11:02	47403 PENS_T1	1	1	0	0.8	0.4	-0.4	0	0	0	0	0	0	0	0
1/4/2024 11:02	46903 MNTG_T2	0	4	4	0	0.25	0.25	0.21	0.24	1	1	0	600	600	0
1/4/2024 11:03	54206 PENN_T2	0	5	5	0	0.22	0.22	0	0.03	0	0	0	0	0	0
1/4/2024 11:03	64801 MONE_T2	0	1	1	0	0.1	0.1	0.44	0.43	0	0	0	0	0	0
1/4/2024 11:03	47403 PENS_T1	1	1	0	0.8	0.4	-0.4	0	0	0	0	0	0	0	0
1/4/2024 11:03	46903 MNTG_T2	0	4	4	0	0.25	0.25	0.21	0.24	1	1	0	600	600	0
1/4/2024 11:04	46903 MNTG_T2	0	4	4	0	0.25	0.25	0.21	0.24	1	1	0	600	600	0
1/4/2024 11:04	57401 SPAN_T1	2	2	0	0.25	0.55	0.3	0	0	0	0	0	0	0	0
1/4/2024 11:05	46903 MNTG_T2	0	4	4	0	0.25	0.25	0.21	0.24	1	1	0	600	600	0
1/4/2024 11:05	67204 TEHI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1/4/2024 11:07	52501 PROG_T1	0	0	0	0	0	0	0.13	0.46	1	1	0	300	300	0
1/4/2024 11:08	43401 BENT_T1	0	1	1	0	0	0	0	0	0	0	0	0	0	0
1/4/2024 11:08	67605 WARW_T1	0	1	1	0	0.2	0.2	-1.07	-1.12	0	0	0	0	0	0
1/4/2024 11:08	29402 BELT_T1	1	1	0	6.6	6.8	0.2	0	0	0	0	0	0	0	0
1/4/2024 11:08	57401 SPAN_T1	2	2	0	0.25	0.55	0.3	0	0	0	0	0	0	0	0
1/4/2024 11:08	56802 BENV_T2	3	11	8	0.27	0.17	-0.1	-2.87	-2.72	0	0	0	0	0	0
1/4/2024 11:08	45402 WBLO_T2	1	15	14	0.5	0.15	-0.35	-0.71	-0.67	0	0	0	0	0	0
1/4/2024 11:09	43402 BENT_T1	0	0	0	0	0	0	-1.52	-0.88	2	1	-1	1500	900	-600
1/4/2024 11:09	57401 SPAN_T1	2	2	0	0.25	0.55	0.3	0	0	0	0	0	0	0	0
1/4/2024 11:09	56802 BENV_T2	3	11	8	0.27	0.17	-0.1	-2.72	-2.79	0	0	0	0	0	0
1/4/2024 11:09	67204 TEHI_T2	0	0	0	0	0	0	0	0.01	0	0	0	0	0	0
1/4/2024 11:09	60101 COCA_T1	0	0	0	0	0	0	0.42	0.41	0	0	0	0	0	0
1/4/2024 11:10	27502 WEIS_T2	0	0	0	0	0	0	-0.38	-0.42	0	0	0	0	0	0
1/4/2024 11:10	67605 WARW_T1	0	1	1	0	0.2	0.2	-1.12	-1.13	0	0	0	0	0	0
1/4/2024 11:10	56802 BENV_T2	3	11	8	0.27	0.17	-0.1	-2.72	-2.79	0	0	0	0	0	0
1/4/2024 11:11	56802 BENV_T2	3	11	8	0.27	0.17	-0.1	-1.36	-1.39	0	0	0	0	0	0
1/4/2024 11:12	23301 JEFF_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1/4/2024 11:13	46801 HEPB_T2	2	2	0	0.2	0.25	0.05	0.69	0.69	0	0	0	0	0	0
1/4/2024 11:13	45702 LIND_T2	1	1	0	0.6	1.9	1.3	-0.35	-0.45	0	0	0	0	0	0
1/4/2024 11:14	40101 HUNT_T2	98	148	50	0.36	0.26	-0.1	-0.41	-0.44	0	0	0	0	0	0
1/4/2024 11:14	41801 GOCI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1/4/2024 11:14	60101 COCA_T1	0	0	0	0	0	0	0.42	0.41	0	0	0	0	0	0
1/4/2024 11:14	59302 MCAL_T1	0	0	0	0	0	0	-0.56	-0.55	1	1	0	600	600	0
1/4/2024 11:15	52402 GRPA_T2	4	5	1	1.03	0.94	-0.09	0	0	0	0	0	0	0	0
1/4/2024 11:16	42903 MIDD_T2	0	0	0	0	0	0	0.34	0.48	1	1	0	1200	1200	0
1/4/2024 11:16	29402 BELT_T1	1	1	0	6.4	6.9	0.5	0	0	0	0	0	0	0	0
1/4/2024 11:16	39601 LNFD_T1	0	0	0	0	0	0	0	0	1	1	0	900	900	0
1/4/2024 11:17	44601 SALE_T2	0	0	0	0	0	0	0.57	0.41	1	1	0	600	600	0
1/4/2024 11:17	47403 PENS_T1	1	1	0	0.2	0.4	0.2	0	0	0	0	0	0	0	0
1/4/2024 11:17	65001 NEFF_T2	0	0	0	0	0	0	-0.48	-0.55	1	1	0	1200	1200	0
1/4/2024 11:17	58402 MORO_T1	3	8	5	0.1	0.18	0.08	-0.85	-0.9	3	3	0	2400	2400	0
1/4/2024 11:18	58402 MORO_T1	3	8	5	0.1	0.18	0.08	-0.85	-0.9	3	3	0	2400	2400	0
1/4/2024 11:18	54201 PENN_T1	279	335	56	0.53	0.53	0	-1.18	-1.24	0	0	0	0	0	0
1/4/2024 11:18	52004 LING_T2	0	1	1	0	0	0	0.28	0.28	0	0	0	0	0	0
1/4/2024 11:18	52102 MEIS_T1	0	0	0	0	0	0	0	0	1	1	0	450	450	0
1/4/2024 11:18	46901 MNTG_T2	0	1	1	0	0.2	0.2	1.13	1.19	0	0	0	0	0	0
1/4/2024 11:18	47802 MOCA_T2	0	0	0	0	0	0	-0.9	-0.9	0	0	0	0	0	0
1/4/2024 11:19	46901 MNTG_T2	0	1	1	0	0.2	0.2	0	0	0	0	0	0	0	0
1/4/2024 11:19	47401 PENS_T1	0	1	1	0	0.5	0.5	-0.82	-0.92	0	0	0	0	0	0
1/4/2024 11:19	52401 GRPA_T2	1	1	0	0.2	0.5	0.3	-0.52	-0.51	0	0	0	0	0	0
1/4/2024 11:19	52102 MEIS_T1	0	0	0	0	0	0	0	0	1	1	0	450	450	0
1/4/2024 11:19	65001 NEFF_T2	0	0	0	0	0	0	-0.48	-0.55	1	1	0	1200	1200	0
1/4/2024 11:19	13704 SCHN_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1/4/2024 11:20	58402 MORO_T1	3	8	5	0.1	0.18	0.08	-0.85	-0.9	3	3	0	2400	2400	0
1/4/2024 11:21	57401 SPAN_T1	2	2	0	0.4	0.65	0.25	-1	-0.97	1	1	0	600	600	0
1/4/2024 11:22	67502 WEWI_T2	0	0	0	0	0	0	-1.04	-1.02	1	1	0	900	900	0
1/4/2024 11:23	67503 WEWI_T2	0	0	0	0	0	0	-0.03	-0.13	0	0	0	0	0	0
1/4/2024 11:23	67503 WEWI_T2	0	0	0	0	0	0	-0.03	-0.13	0	0	0	0	0	0
1/4/2024 11:23	46004 BERW_T2	0	0	0	0	0	0	-0.71	-0.67	0	0	0	0	0	0
1/4/2024 11:24	45501 DERR_T2	0	0	0	0	0	0	0.65	0.66	2	2	0	1800	1800	0
1/4/2024 11:24	67503 WEWI_T2	0	0	0	0	0	0	-0.13	-0.13	0	0	0	0	0	0
1/4/2024 11:25	67503 WEWI_T2	0	0	0	0	0	0	-0.13	-0.13	0	0	0	0	0	0
1/4/2024 11:25	67503 WEWI_T2	0	0	0	0	0	0	-0.13	-0.13	0	0	0	0	0	0
1/4/2024 11:25	54504 ENOL_T2	0	0	0	0	0	0	-1.04	-0.98	1	1	0	600	600	0
1/4/2024 11:26	61703 ELIZ_T1	257	258	1	0.84	1.18	0.34	-6.28	-6.05	4	4	0	4200	4200	0
1/4/2024 11:27	45501 DERR_T2	0	0	0	0	0	0	0.65	0.66	2	2	0	1800	1800	0
1/4/2024 11:27	61701 ELIZ_T1	1	1	0	5.7	5.8	0.1	0	0	0	0	0	0	0	0
1/4/2024 11:27	54505 ENOL_T2	1	1	0	0.8	0.8	0	0	0	0	0	0	0	0	0
1/4/2024 11:27	61801 EELI_T2	0	0	0	0	0	0	-0.6	-0.66	0	0	0	0	0	0
1/4/2024 11:28	54505 ENOL_T2	1	1	0	0.8	0.8	0	0	0	0	0	0	0	0	0
1/4/2024 11:28	43401 BENT_T1	0	1	1	0	0	0	0	0	0	0	0	0	0	0
1/4/2024 11:29	61703 ELIZ_T1	257	258	1	0.84	1.18	0.34	-3.14	-3.03	2	2	0	2100	2100	0
1/4/2024 11:29	43401 BENT_T1	0	1	1	0	0	0	0	0	0	0	0	0	0	0
1/4/2024 11:29	54502 ENOL_T2	1	1	0	0.4	0.6	0.2	-2.02	-1.95	1	1	0	600	600	0
1/4/2024 11:29	52403 GRPA_T2	1	3	2	0.8	0	-0.8	0	0	0	0	0	0	0	0
1/4/2024 11:30	64702 LITI_T2	0	0	0	0	0	0	-0.74	-0.76	0	0	0	0	0	0
1/4/2024 11:31	13503 MCMI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1/4/2024 11:31	42902 MIDD_T2	0	1	1	0	0.8	0.8	0	0	0	0	0	0	0	0
1/4/2024 11:32	54205 PENN_T1	76	76	0	0.37	0.47	0.1	0	0	0	0	0	0	0	0
1/4/2024 11:32	64702 LITI_T2	0	0	0	0	0	0	-0.74	-0.76	0	0	0	0	0	0
1/4/2024 11:32	41902 REED_T1	0	0	0	0	0	0	0.26	0.36	0	0	0	0	0	0
1/4/2024 11:33	13704 SCHN_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1/4/2024 11:33	47403 PENS_T1	1	1	0	0.4	1.6	1.2	0	0	0	0	0	0	0	0
1/4/2024 11:33	65001 NEFF_T2	0	0	0	0	0	0	-0.55	-0.38	1	1	0	1200	1200	0
1/4/2024 11:34	65702 RVIL_T2	0	0	0	0	0	0	-1.02	-0.99	1	1	0	600	600	0
1/4/2024 11:34	41902 REED_T1	0	0	0	0	0	0	0.53	0.71	0	0	0	0	0	0
1/4/2024 11:34	14403 SSLA_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1/4/2024 11:34	13704 SCHN_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1/4/2024 11:35	47403 PENS_T1	1	1	0	0.4	1.6	1.2	0	0	0	0	0	0	0	0
1/4/2024 11:35	64702 LITI_T2	0	0	0	0	0	0	-0.74	-0.76	0	0	0	0	0	0
1/4/2024 11:36	49803 UNIV_T1	0	0	0	0	0	0	-1.06	-1.09	0	0	0	0	0	0
1/4/2024 11:36	40302 TAMA_T3	0	0	0	0	0	0	0.08	0.03	0	0	0	0	0	0
1/4/2024 11:36	65702 RVIL_T2	0	0	0	0	0	0	-1.02	-0.99	1	1	0	600	600	0
1/4/2024 11:37	55002 NEWP_T1	6	6	0	0.73	0.78	0.05	-0.19	-0.17	0	0	0	0	0	0
1/4/2024 11:37	44301 BEAV_T2	1	1	0	0.1	0	-0.1	0.39	0.34	2	2	0	1500	1500	0
1/4/2024 11:37	64101 REPB_T1	0	0	0	0	0	0	0.2	0.16	0	0	0	0	0	0
1/4/2024 11:39	49803 UNIV_T1	0	0	0	0	0	0	-1.09	-1.07	0	0	0	0	0	0
1/4/2024 11:40	44301 BEAV_T2	1	1	0	0.1	0	-0.1	0.68	0.26	4	4	0	3000	3000	0
1/4/2024 11:40	41801 GOCI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1/4/2024 11:41	44301 BEAV_T2	1	1	0	0.1	0	-0.1	0.68	0.26	4	4	0	3000	3000	0
1/4/2024 11:41	50102 HARR_T3	1	2	1	0.2	0.1	-0.1	0	0	0	0	0	0	0	0
1/4/2024 11:41	61102 BERK_T5	0	0	0	0	0	0	0.95	0.95	1	1	0	300	300	0
1/4/2024 11:42	44301 BEAV_T2	1	1	0	0.1	0	-0.1	0.34	0.13	2	2	0	1500	1500	0
1/4/2024 11:43	64201 KINZ_T1	0	0	0	0	0	0	-0.41	-0.47	4	4	0	2100	2100	0
1/4/2024 11:43	54502 ENOL_T2	1	1	0	0.6	0.5	-0.1	0	0	0	0	0	0	0	0
1/4/2024 11:44	54502 ENOL_T2	1	1	0	0.6	0.5	-0.1	0	0	0	0	0	0	0	0
1/4/2024 11:44	41801 GOCI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1/4/2024 11:45	64204 KINZ_T1	1	1	0	0.9	1.3	0.4	0	0	0	0	0	0	0	0
1/4/2024 11:45	52404 GRPA_T2	0	0	0	0	0	0	0.22	0.21	0	0	0	0	0	0
1/4/2024 11:45	45702 LIND_T2	1	1	0	1.5	1.7	0.2	-0.47	-0.51	0	0	0	0	0	0
1/4/2024 11:46	60101 COCA_T1	0	0	0	0	0	0	0.5	0.42	0	0	0	0	0	0
1/4/2024 11:46	52402 GRPA_T2	5	3	-2	0.88	1.33	0.45	-0.86	-0.85	0	0	0	0	0	0
1/4/2024 11:46	52403 GRPA_T2	1	4	3	1.2	0.1	-1.1	0.12	0.09	0	0	0	0	0	0
1/4/2024 11:46	65503 MOJO_T2	0	0	0	0	0	0	-1.09	-1.13	1	1	0	900	900	0
1/4/2024 11:47	52402 GRPA_T2	5	3	-2	0.88	1.33	0.45	0	0	0	0	0	0	0	0
1/4/2024 11:48	43402 BENT_T1	0	0	0	0	0	0	-0.91	-1.49	2	2	0	1500	1500	0
1/4/2024 11:49	43402 BENT_T1	0	0	0	0	0	0	-0.91	-1.49	2	2	0	1500	1500	0
1/4/2024 11:49	13704 SCHN_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1/4/2024 11:49	58402 MORO_T1	6	4	-2	0.18	0.13	-0.05	-1	-0.99	3	3	0	2400	2400	0
1/4/2024 11:49	14403 SSLA_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1/4/2024 11:50	59101 WALK_T2	5	8	3	0.43	0	-0.43	2.73	2.6	0	0	0	0	0	0
1/4/2024 11:50	14403 SSLA_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1/4/2024 11:50	13704 SCHN_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1/4/2024 11:51	13704 SCHN_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1/4/2024 11:51	67901 WNHO_T2	0	0	0	0	0	0	0.21	0.16	1	1	0	900	900	0
1/4/2024 11:51	59101 WALK_T2	5	8	3	0.43	0	-0.43	2.73	2.6	0	0	0	0	0	0
1/4/2024 11:54	27502 WEIS_T2	0	0	0	0	0	0	-0.36	-0.36	0	0	0	0	0	0
1/4/2024 11:55	59101 WALK_T2	5	8	3	0.43	0	-0.43	5.2	4.86	0	0	0	0	0	0
1/4/2024 11:59	52402 GRPA_T2	5	3	-2	0.88	1.33	0.45	0	0	0	0	0	0	0	0
1/4/2024 11:59	54505 ENOL_T2	1	1	0	0.8	0.8	0	0	0	0	0	0	0	0	0
1/4/2024 11:59	64201 KINZ_T1	0	0	0	0	0	0	-0.47	-0.5	4	4	0	2100	2100	0
1/4/2024 12:00	52401 GRPA_T2	1	1	0	0.2	0.3	0.1	0	0	0	0	0	0	0	0
1/4/2024 12:00	64201 KINZ_T1	0	0	0	0	0	0	-0.47	-0.5	4	4	0	2100	2100	0
1/4/2024 12:01	64201 KINZ_T1	0	0	0	0	0	0	-0.47	-0.5	4	4	0	2100	2100	0
1/4/2024 12:02	13503 MCMI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1/4/2024 12:02	52402 GRPA_T2	3	4	1	1.33	1.13	-0.2	0	0	0	0	0	0	0	0
1/4/2024 12:02	65503 MOJO_T2	0	0	0	0	0	0	-1.13	-1.19	1	1	0	900	900	0
1/4/2024 12:03	42903 MIDD_T2	2	0	-2	0.35	0	-0.35	0.39	-0.44	1	1	0	1200	1200	0
1/4/2024 12:03	13503 MCMI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1/4/2024 12:05	58402 MORO_T1	3	4	1	0.1	0.13	0.03	-0.99	-1	3	2	-1	2400	1500	-900
1/4/2024 12:05	14403 SSLA_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1/4/2024 12:06	14403 SSLA_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1/4/2024 12:06	65001 NEFF_T2	0	0	0	0	0	0	-0.55	-0.47	1	1	0	1200	1200	0
1/4/2024 12:08	43401 BENT_T1	2	2	0	0.5	0	-0.5	0	0	0	0	0	0	0	0
1/4/2024 12:08	49803 UNIV_T1	0	1	1	0	0.7	0.7	-1.07	-1.05	0	0	0	0	0	0
1/4/2024 12:08	44301 BEAV_T2	0	0	0	0	0	0	-2.49	-1.23	6	6	0	4500	4500	0
1/4/2024 12:08	41601 CLEV_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1/4/2024 12:09	43401 BENT_T1	2	2	0	0.5	0	-0.5	0	0	0	0	0	0	0	0
1/4/2024 12:09	44301 BEAV_T2	0	0	0	0	0	0	-0.83	-0.41	2	2	0	1500	1500	0
1/4/2024 12:10	44301 BEAV_T2	0	0	0	0	0	0	-0.83	-0.41	2	2	0	1500	1500	0
1/4/2024 12:11	44301 BEAV_T2	0	0	0	0	0	0	-1.66	-0.82	4	4	0	3000	3000	0
1/4/2024 12:12	41601 CLEV_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1/4/2024 12:15	64201 KINZ_T1	0	0	0	0	0	0	-0.5	-0.

1/4/2024 13:42	41801 GOCI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
1/4/2024 13:46	65003 NEFF_T2	0	4	4	0	0.18	0.18	0	0	0	0	0	0	0
1/4/2024 13:48	43402 BENT_T1	0	0	0	0	0	0	-1.48	-1.48	2	2	0	1500	1500	0
1/4/2024 13:49	13302 ORVI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1/4/2024 13:49	43402 BENT_T1	0	0	0	0	0	0	-1.48	-1.48	2	2	0	1500	1500	0
1/4/2024 13:50	41902 REED_T1	0	0	0	0	0	0	1.04	0.95	0	0	0	0	0	0
1/4/2024 13:51	59101 WALK_T2	1	2	1	0	0	0	2.34	2.41	0	1	1	0	600	600
1/4/2024 13:55	59101 WALK_T2	1	2	1	0	0	0	2.41	1.59	0	1	1	0	600	600
1/4/2024 14:05	54502 ENOL_T2	1	1	0	0.3	0.6	0.3	-2.02	-2	1	1	0	600	600	0
1/4/2024 14:06	67002 STHI_T2	1	52	51	0.9	0.26	-0.64	0.64	0.64	0	0	0	0	0	0
1/4/2024 14:07	65004 NEFF_T2	0	28	28	0	0.1	0.1	0	0	0	0	0	0	0	0
1/4/2024 14:07	59101 WALK_T2	2	1	-1	0.1	0	-0.1	2.41	1.59	1	0	-1	600	0	-600
1/4/2024 14:07	67002 STHI_T2	1	52	51	0.9	0.26	-0.64	1.92	1.92	0	0	0	0	0	0
1/4/2024 14:07	67605 WARW_T1	16	64	48	0.19	0.32	0.13	-1.28	-1.35	0	0	0	0	0	0
1/4/2024 14:08	67001 STHI_T2	9	416	407	0.21	0.17	-0.04	0	0	0	0	0	0	0	0
1/4/2024 14:08	43402 BENT_T1	0	0	0	0	0	0	-1.48	-0.68	1	2	1	900	1500	600
1/4/2024 14:09	60101 COCA_T1	0	0	0	0	0	0	0.42	0.39	0	0	0	0	0	0
1/4/2024 14:09	43402 BENT_T1	0	0	0	0	0	0	-0.68	-1.46	1	2	1	900	1500	600
1/4/2024 14:10	67605 WARW_T1	16	64	48	0.19	0.32	0.13	-1.35	-1.33	0	0	0	0	0	0
1/4/2024 14:10	67602 WARW_T2	0	0	0	0	0	0	1.11	0.9	0	0	0	0	0	0
1/4/2024 14:11	46004 BERW_T2	0	0	0	0	0	0	-0.72	-0.72	0	0	0	0	0	0
1/4/2024 14:11	67605 WARW_T1	16	64	48	0.19	0.32	0.13	-1.35	-1.33	0	0	0	0	0	0
1/4/2024 14:12	53903 HALI_T2	2	2	0	0.65	1	0.35	-0.23	-0.23	0	0	0	0	0	0
1/4/2024 14:13	53601 DALM_T2	1	0	-1	0.1	0	-0.1	-0.24	-0.24	1	1	0	600	600	0
1/4/2024 14:13	52403 GRPA_T2	0	0	0	0	0	0	0.07	0.07	0	0	0	0	0	0
1/4/2024 14:13	53902 HALI_T2	0	0	0	0	0	0	-0.8	-0.8	0	0	0	0	0	0
1/4/2024 14:14	60101 COCA_T1	0	0	0	0	0	0	0.42	0.39	0	0	0	0	0	0
1/4/2024 14:14	41801 GOCI_T2	0	1	1	0	0	0	0	0	0	0	0	0	0	0
1/4/2024 14:15	64204 KINZ_T1	1	1	0	0.3	1.2	0.9	0	0	0	0	0	0	0	0
1/4/2024 14:16	53903 HALI_T2	2	2	0	1	1	0	-0.23	-0.23	0	0	0	0	0	0
1/4/2024 14:16	41901 REED_T1	11	11	0	0.87	0.87	0	0	0	0	0	0	0	0	0
1/4/2024 14:17	52401 GRPA_T2	1	1	0	0.2	0.5	0.3	0	0	0	0	0	0	0	0
1/4/2024 14:17	60101 COCA_T1	0	0	0	0	0	0	0.42	0.39	0	0	0	0	0	0
1/4/2024 14:17	64301 LINC_T1	0	0	0	0	0	0	0.03	0.06	1	1	0	600	600	0
1/4/2024 14:18	52004 LING_T2	0	1	1	0	0	0	0	0	0	0	0	0	0	0
1/4/2024 14:19	63401 HONY_T1	0	0	0	0	0	0	0.48	0.41	1	1	0	600	600	0
1/4/2024 14:19	65702 RVIL_T2	0	1	1	0	0.1	0.1	-0.99	-1.02	1	1	0	600	600	0
1/4/2024 14:20	50105 HARR_T3	7	7	0	5.56	5.39	-0.17	0	0	0	0	0	0	0	0
1/4/2024 14:20	65702 RVIL_T2	0	1	1	0	0.1	0.1	-0.99	-1.02	1	0	-1	600	0	-600
1/4/2024 14:21	64201 KINZ_T1	0	0	0	0	0	0	-0.44	-0.45	4	4	0	2100	2100	0
1/4/2024 14:21	13302 ORVI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1/4/2024 14:22	58006 WCAR_T2	0	0	0	0	0	0	0.43	0.43	0	0	0	0	0	0
1/4/2024 14:22	40302 TAMA_T3	0	0	0	0	0	0	0.16	0.09	0	0	0	0	0	0
1/4/2024 14:22	16006 DORN_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1/4/2024 14:22	67002 STHI_T2	33	56	23	0.31	0.2	-0.11	1.28	1.25	0	0	0	0	0	0
1/4/2024 14:22	61306 EARL_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1/4/2024 14:22	67605 WARW_T1	34	55	21	0.33	0.3	-0.03	-1.35	-1.33	0	0	0	0	0	0
1/4/2024 14:22	41901 REED_T1	11	11	0	0.87	0.87	0	0	0	0	0	0	0	0	0
1/4/2024 14:22	65702 RVIL_T2	0	1	1	0	0.1	0.1	-0.99	-1.02	1	0	-1	600	0	-600
1/4/2024 14:23	67001 STHI_T2	194	450	256	0.12	0.17	0.05	0	0	0	0	0	0	0	0
1/4/2024 14:23	59101 WALK_T2	1	1	0	0	0	0	3.18	4.77	0	0	0	0	0	0
1/4/2024 14:23	67901 WNHO_T2	0	0	0	0	0	0	0.22	0.25	1	1	0	900	900	0
1/4/2024 14:24	60201 ATGL_T2	0	0	0	0	0	0	0.36	0.27	1	1	0	300	300	0
1/4/2024 14:24	16006 DORN_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1/4/2024 14:24	60305 TWVA_T2	0	0	0	0	0	0	2.13	1.15	0	0	0	0	0	0
1/4/2024 14:24	67002 STHI_T2	33	56	23	0.31	0.2	-0.11	0.62	0.65	0	0	0	0	0	0
1/4/2024 14:25	60101 COCA_T1	0	0	0	0	0	0	0.39	0.39	0	0	0	0	0	0
1/4/2024 14:26	16006 DORN_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1/4/2024 14:26	60101 COCA_T1	0	0	0	0	0	0	0.39	0.39	0	0	0	0	0	0
1/4/2024 14:26	60103 COCA_T2	0	0	0	0	0	0	-0.64	-0.36	2	1	-1	2100	900	-1200
1/4/2024 14:28	43402 BENT_T1	0	0	0	0	0	0	-1.46	-1.48	2	2	0	1500	1500	0
1/4/2024 14:28	41801 GOCI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1/4/2024 14:29	54505 ENOL_T2	1	1	0	0.8	1	0.2	0	0	0	0	0	0	0	0
1/4/2024 14:29	43402 BENT_T1	0	0	0	0	0	0	-1.46	-1.48	2	2	0	1500	1500	0
1/4/2024 14:30	54203 PENN_T1	377	19	-358	0.37	1.06	0.69	0.75	0.72	0	0	0	0	0	0
1/4/2024 14:30	16402 MOPO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1/4/2024 14:31	23301 JEFF_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1/4/2024 14:32	54202 PENN_T2	2	0	-2	0.1	0	-0.1	0	0	0	0	0	0	0	0
1/4/2024 14:32	54203 PENN_T1	377	19	-358	0.37	1.06	0.69	0	0	0	0	0	0	0	0
1/4/2024 14:33	64801 MONE_T2	0	0	0	0	0	0	0.41	0.4	0	0	0	0	0	0
1/4/2024 14:33	59003 MIFF_T1	1	0	-1	0.1	0	-0.1	-1.04	-0.94	0	0	0	0	0	0
1/4/2024 14:33	54202 PENN_T2	2	0	-2	0.1	0	-0.1	0	0	0	0	0	0	0	0
1/4/2024 14:33	64902 MILL_T2	0	0	0	0	0	0	-0.67	-0.69	1	1	0	900	900	0
1/4/2024 14:33	45702 LIND_T2	2	40	38	1.1	0.21	-0.89	-0.47	-0.47	0	0	0	0	0	0
1/4/2024 14:34	59301 MCAL_T1	2	3	1	0.6	0.6	0	0	0	0	0	0	0	0	0
1/4/2024 14:34	59003 MIFF_T1	1	0	-1	0.1	0	-0.1	-1.04	-0.94	0	0	0	0	0	0
1/4/2024 14:35	56802 BENV_T2	8	25	17	0.24	0.2	-0.04	-1.37	-1.37	0	0	0	0	0	0
1/4/2024 14:35	65702 RVIL_T2	1	0	-1	0.1	0	-0.1	-2.05	-1.17	0	0	0	0	0	0
1/4/2024 14:36	67502 WEWI_T2	6	0	-6	0.15	0	-0.15	0	0	0	0	0	0	0	0
1/4/2024 14:36	56802 BENV_T2	8	25	17	0.24	0.2	-0.04	-1.37	-1.37	0	0	0	0	0	0
1/4/2024 14:38	67901 WNHO_T2	0	0	0	0	0	0	0.25	-0.09	1	1	0	900	900	0
1/4/2024 14:38	65702 RVIL_T2	1	0	-1	0.1	0	-0.1	-1.02	-0.59	0	0	0	0	0	0
1/4/2024 14:38	56501 ROCK_T2	0	1	1	0	0	0	0	0	0	0	0	0	0	0
1/4/2024 14:38	56802 BENV_T2	8	25	17	0.24	0.2	-0.04	-1.37	-1.37	0	0	0	0	0	0
1/4/2024 14:39	56802 BENV_T2	8	25	17	0.24	0.2	-0.04	-2.74	-2.64	0	0	0	0	0	0
1/4/2024 14:39	66702 STRA_T1	0	0	0	0	0	0	0.25	0.26	3	3	0	2700	2700	0
1/4/2024 14:39	60305 TWVA_T2	0	0	0	0	0	0	1.15	1.16	0	0	0	0	0	0
1/4/2024 14:40	55105 WERT_T1	0	0	0	0	0	0	-0.58	-0.55	1	1	0	900	900	0
1/4/2024 14:40	60201 ATGL_T2	0	0	0	0	0	0	0.27	0.3	1	1	0	300	300	0
1/4/2024 14:40	60101 COCA_T1	0	0	0	0	0	0	0.39	0.39	0	0	0	0	0	0
1/4/2024 14:41	67605 WARW_T1	55	1	-54	0.3	0.2	-0.1	0	0	0	0	0	0	0	0
1/4/2024 14:41	54502 ENOL_T2	1	1	0	0.6	0.5	-0.1	-2.02	-1.99	1	1	0	600	600	0
1/4/2024 14:42	28805 LAKE_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1/4/2024 14:42	54505 ENOL_T2	1	1	0	0.1	1	0	0	0	0	0	0	0	0	0
1/4/2024 14:42	60101 COCA_T1	0	0	0	0	0	0	0.39	0.39	0	0	0	0	0	0
1/4/2024 14:43	54505 ENOL_T2	1	1	0	1	1	0	0	0	0	0	0	0	0	0
1/4/2024 14:44	52403 GRPA_T2	0	2	2	0	0.2	0.2	0	0	0	0	0	0	0	0
1/4/2024 14:44	53901 HALI_T2	1	1	0	0.5	0.6	0.1	0	0	0	0	0	0	0	0
1/4/2024 14:44	56802 BENV_T2	8	25	17	0.24	0.2	-0.04	-2.74	-2.64	0	0	0	0	0	0
1/4/2024 14:44	41801 GOCI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1/4/2024 14:44	40902 JESH_T1	0	0	0	0	0	0	-0.71	-0.74	0	0	0	0	0	0
1/4/2024 14:45	66802 SHIL_T2	4	6	2	0.1	0.1	0	0	0	0	0	0	0	0	0
1/4/2024 14:46	54206 PENN_T2	3	5	2	0.2	0.18	-0.02	0	0	0	0	0	0	0	0
1/4/2024 14:47	52402 GRPA_T2	2	5	3	2.55	1.12	-1.43	0	0	0	0	0	0	0	0
1/4/2024 14:48	64203 KINZ_T1	0	0	0	0	0	0	-0.3	-0.28	3	3	0	2100	2100	0
1/4/2024 14:48	41902 REED_T1	0	0	0	0	0	0	2.42	2.42	0	0	0	0	0	0
1/4/2024 14:48	43402 BENT_T1	0	0	0	0	0	0	-1.48	-1.47	2	2	0	1500	1500	0
1/4/2024 14:49	43402 BENT_T1	0	0	0	0	0	0	-1.48	-1.47	2	2	0	1500	1500	0
1/4/2024 14:49	64902 MILL_T2	0	0	0	0	0	0	-0.69	-0.7	1	1	0	900	900	0
1/4/2024 14:50	63404 HONY_T1	2	2	0	6.6	6.65	0.05	0	0	0	0	0	0	0	0
1/4/2024 14:52	43402 BENT_T1	0	0	0	0	0	0	-1.48	-1.47	2	2	0	1500	1500	0
1/4/2024 14:53	61306 EARL_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1/4/2024 14:53	67605 WARW_T1	1	2	1	0.1	0.15	0.05	-1.34	-1.31	0	0	0	0	0	0
1/4/2024 14:54	61306 EARL_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1/4/2024 14:55	44301 BEAV_T2	0	0	0	0	0	0	-0.02	-0.12	1	1	0	600	600	0
1/4/2024 14:55	59101 WALK_T2	1	1	0	0	0	0	5.02	4.23	0	0	0	0	0	0
1/4/2024 14:55	60803 BUCK_T1	0	0	0	0	0	0	-2.76	-2.82	2	2	0	1200	1200	0
1/4/2024 14:56	51102 CARL_T1	4	21	17	0.13	0.14	0.01	0	0	0	0	0	0	0	0
1/4/2024 14:56	10705 CATA_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1/4/2024 14:56	42503 ALTA_T2	0	0	0	0	0	0	-0.55	-0.57	0	0	0	0	0	0
1/4/2024 14:58	60803 BUCK_T1	0	0	0	0	0	0	-1.38	-1.41	1	1	0	600	600	0
1/4/2024 15:02	46101 MACI_T2	0	0	0	0	0	0	-0.12	-0.13	1	1	0	1200	1200	0
1/4/2024 15:02	42902 MIDD_T2	0	1	1	0	0.1	0.1	0	0	0	0	0	0	0	0
1/4/2024 15:03	47401 PENS_T1	0	0	0	0	0	0	-0.81	1.55	0	0	0	0	0	0
1/4/2024 15:04	47403 PENS_T1	1	1	0	1.7	1.6	-0.1	0	0	0	0	0	0	0	0
1/4/2024 15:04	42201 SHEN_T2	0	0	0	0	0	0	0.21	0.2	1	1	0	600	600	0
1/4/2024 15:05	47403 PENS_T1	1	1	0	1.7	1.6	-0.1	0	0	0	0	0	0	0	0
1/4/2024 15:05	66503 SMAN_T2	6	121	115	0.12	0.15	0.03	0	0	0	0	0	0	0	0
1/4/2024 15:06	56504 ROCK_T2	0	0	0	0	0	0	-0.13	-0.02	0	0	0	0	0	0
1/4/2024 15:07	66502 SMAN_T2	0	1	1	0	0.1	0.1	0	0	0	0	0	0	0	0
1/4/2024 15:08	43402 BENT_T1	0	0	0	0	0	0	-1.47	-1.47	2	2	0	1500	1500	0
1/4/2024 15:09	46004 BERW_T2	0	0	0	0	0	0	-0.51	-0.52	0	0	0	0	0	0
1/4/2024 15:09	42701 AUGU_T1	0	1	1	0	0.5	0.5	0	0	1	1	0	600	600	0
1/4/2024 15:09	43402 BENT_T1	0	0	0	0	0	0	-1.47	-1.46	2	2	0	1500	1500	0
1/4/2024 15:10	40502 CRES_T2	0	17	17	0	0.29	0.29	-0.2	-0.22	0	0	0	0	0	0
1/4/2024 15:10	67301 TEHI_T1	0	0	0	0	0	0	-0.02	0.07	1	1	0	900	900	0
1/4/2024 15:12	42701 AUGU_T1	0	1	1	0	0.5	0.5	0	0	1	1	0	600	600	0
1/4/2024 15:12	40502 CRES_T2	0	17	17	0	0.29	0.29	-0.1	-0.11	0	0	0	0	0	0
1/4/2024 15:12	54505 ENOL_T2	1	1	0	0.9	0.9	0	0	0	0	0	0	0	0	0
1/4/2024 15:13	56802 BENV_T2	4	126	122	0.5	0.24	-0.26	-1.37	-1.35	0	0	0	0	0	0
1/4/2024 15:14	54502 ENOL_T2	1	1	0	0.5	0.1	-0.4	-1.99	-1.99	1	1	0	600	600	0
1/4/2024 15:16	41504 FAIR_T2	0	1	1	0	0	0	0	0	0	0	0	0	0	0
1/4/2024 15:18	51003 NHAR_T1	194	172	-22	0.29	0.22	-0.07	0	0	0	0	0	0	0	0
1/4/2024 15:23	54505 ENOL_T2	1	1	0	0.9	0.8	-0.1	0	0	0	0	0	0	0	0
1/4/2024 15:24	40502 CRES_T2	16	11	-5	0.28	0.2	-0.08	-0.22	-0.24	0	0	0	0	0	0
1/4/2024 15:26	40502 CRES_T2	16	11	-5	0.28	0.2	-0.08	-0.33	-0.36	0	0	0	0	0	0
1/4/2024 15:28	43402 BENT_T1	0	0	0	0	0	0	-1.46	-1.51	2	2	0	1500	1500	0
1/4/2024 15:28	40502 CRES_T2	16	11	-5	0.28	0.2	-0.08	-0.22	-0.24	0	0	0	0	0	0
1/4/2024 15:29	43402 BENT_T1	0	0	0	0	0	0	-1.46	-1.51	2	2	0	1500	1500	0
1/4/2024 15:30	43202 MVIL_T2	1	0	-1	0.2	0	-0.2	-0.6	-0.58	0	0	0	0	0	0
1/4/2024 15:33	43202 MVIL_T2	1	0	-1	0.2	0	-0.2	-1.19	-1.16	0	0	0	0	0	0
1/4/2024 15:40	40502 CRES_T2	10	4	-6	0.19	0.23	0.04	-0.72	-0.72	0	0	0	0	0	0
1/4/2024 15:42	40502 CRES_T2	10	4	-6	0.19	0.23	0.04	-0.84	-0.84	0	0	0	0	0	0
1/4/2024 15:44	40502 CRES_T2	10	4	-6	0.19	0.23	0.04	-0.48	-0.48	0	0	0	0	0	0
1/4/2024 15:48	60501 NMAN_T2	3	3	0	4.43	4.27	-0.16	0	0	0	0	0	0	0	0
1/4/2024 15:48	43402 BENT_T1	0	1	1	0	0	0	-1.51	-0.86	2	1	-1	1500	900	-600
1/4/2024 15:49	43402 BENT_T1	0	1	1	0	0	0	-1.51	-0.86	2	1	-1	1500	900	-600
1/4/2024 15:50	65901 SAKR_T2	1	1	0	8.4	8.5	0.1	-1.16	-1.11	1	1	0	900	900	0
1/4/2024 15:51	54502 ENOL_T2	1	1	0	0.1	0.1	0	-1.98	-1.97	1	1	0	600	600	0
1/4/2024 16:00	64202 KINZ_T1	0	2	2	0	0.1	0.1	0	0	0	0	0	0	0	0
1/4/2024 16:00	40502 CRES_T2	4	2	-2	0.15	0	-0.15	-0.12	-0.07	0	0	0	0	0	0
1/4/2024 16:02	65001 NEFF_T2	0	0	0	0	0	0	-0.65	-0.73	1	1	0	1200	1200	0
1/4/2024 16:06	65901 SAKR_T2	1	1	0	8.5	8.4	-0.1	-1.11	-1.01	1	1	0	900	900	0
1/4/2024 16:07	65901 SAKR_T2	1	1	0	8.5	8.4	-0.1	-1.11	-1.01	1	1	0	900	900	0
1/4/2024 16:08	43401 BENT_T1	1	0	-1	0.1	0	-0.1	0	0	0	0	0	0	0	0
1/4/2024 16:08	42501 ALTA_T2	0	0	0	0	0	0	0.04	0	1	1	0	600	600	0
1/4/2024 16:09	43401 BENT_T1	1	0	-1	0.1	0	-0.1	0	0	0	0	0	0	0	0
1/4/2024 16:27	11104 EGYP_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1/4/2024 16:28	11104 EGYP_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1/4/2024 17:33	57403 SPAN_T1	0	0	0	0	0	0	0.2	0.18	0	0	0	0	0	0
1/4/2024 17:47	65003 NEFF_T2	0	3	3	0	0.1	0.1	0	0	0	0	0	0	0	0
1/4/2024 18:19	65003 NEFF_T2	3	1	-2	0.1	0.1	0	0	0	0	0	0	0	0	0
1/4/2024 18:28	45802 HEGI_T2	0	1	1	0	0	0	0.17	0.8	0	0	0	0	0	0
1/4/2024 18:35	53501 EVIL_T2	1	10	9	0.2	0.32	0.12	-1.38	-1.41	2	2	0	1200	1200	0
1/4/2024 18:44	61306 EARL_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1/4/2024 18:50	16402 MOPO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1/4/2024 18:50	29401 BELT_T1	12	26	14	0.15	0.18	0.03	0	0	0	0	0	0	0	0
1/4/2024 18:52	16402 MOPO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1/4/2024 18:52	39601 LNFD_T1	0	2	2	0	0	0	0	0	1	1	0	900	900	0
1/4/2024 18:52	27502 WEIS_T2	0	2

Appendix C - Grid Benefits Achieved in Each Instance of Active Management

1/4/2024 18:58	42503 ALTA_T2	0	0	0	0	0	0	-0.53	-0.52	0	0	0	0	0	0
1/4/2024 18:58	40502 CRES_T2	0	1	1	0	0	0	-1.08	-1.02	0	0	0	0	0	0
1/4/2024 18:58	46101 MACI_T2	0	0	0	0	0	0	-0.63	-0.6	1	1	0	1200	1200	0
1/4/2024 18:59	46903 MNTG_T2	50	15	-35	0.18	0.15	-0.03	-0.33	-0.32	1	1	0	600	600	0
1/4/2024 18:59	43402 BENT_T1	2	2	0	0.1	0.2	0.1	-3	-2.98	4	4	0	3000	3000	0
1/4/2024 18:59	13503 MCMI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1/4/2024 18:59	64204 KINZ_T1	1	1	0	0.5	0.9	0.4	0	0	0	0	0	0	0	0
1/4/2024 18:59	56802 BENV_T2	0	0	0	0	0	0	-1.21	-1.17	0	0	0	0	0	0
1/4/2024 18:59	11104 EGYP_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1/4/2024 18:59	57304 MOAL_T2	2	2	0	0.2	0	-0.2	-0.1	-0.01	0	0	0	0	0	0
1/4/2024 18:59	28805 LAKE_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1/4/2024 18:59	46003 BERW_T2	1	1	0	3.9	4.2	0.3	0	0	0	0	0	0	0	0
1/4/2024 18:59	54505 ENOL_T2	1	1	0	0.1	0.1	0	0	0	0	0	0	0	0	0
1/4/2024 18:59	16006 DORN_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1/4/2024 18:59	44601 SALE_T2	0	0	0	0	0	0	-0.01	-0.04	0	0	0	0	0	0
1/4/2024 18:59	13302 ORVI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1/4/2024 19:00	67503 WEWI_T2	0	0	0	0	0	0	-0.1	-0.02	0	0	0	0	0	0
1/4/2024 19:00	52403 GRPA_T2	10	10	0	0.63	0.53	-0.1	0	0	0	0	0	0	0	0
1/4/2024 19:00	42501 ALTA_T2	0	0	0	0	0	0	0	0.07	1	1	0	600	600	0
1/4/2024 19:00	65901 SAKR_T2	1	1	0	8.6	8.8	0.2	-1.08	-1.17	1	1	0	900	900	0
1/4/2024 19:00	46903 MNTG_T2	15	15	0	0.15	0.14	-0.01	0	0	0	0	0	0	0	0
1/4/2024 19:00	45501 DERR_T2	1	0	-1	0.1	0	-0.1	0.73	0.84	2	2	0	1800	1800	0
1/4/2024 19:00	67502 WEWI_T2	0	0	0	0	0	0	-1.22	-1.3	1	1	0	900	900	0
1/4/2024 19:00	53501 EVIL_T2	1	0	-1	0.1	0	-0.1	-2.82	-2.86	4	4	0	2400	2400	0
1/4/2024 19:00	47401 PENS_T1	0	0	0	0	0	0	-0.41	-0.39	0	0	0	0	0	0
1/4/2024 19:00	52102 MEIS_T1	1	1	0	0.2	0	-0.2	0	0	1	1	0	450	450	0
1/4/2024 19:00	64301 LINC_T1	0	0	0	0	0	0	-0.29	-0.31	1	1	0	600	600	0
1/4/2024 19:00	66504 SMAN_T2	0	0	0	0	0	0	-0.74	-0.63	0	0	0	0	0	0
1/4/2024 19:00	52004 LING_T2	1	1	0	0.8	0.7	-0.1	0.33	0.33	0	0	0	0	0	0
1/4/2024 19:00	57401 SPAN_T1	0	0	0	0	0	0	-1.26	-1.23	1	1	0	600	600	0
1/4/2024 19:00	62604 ENGL_T1	0	0	0	0	0	0	-0.5	-0.48	1	1	0	600	600	0
1/4/2024 19:00	29402 BELT_T1	1	1	0	5.8	7.2	1.4	0	0	0	0	0	0	0	0
1/4/2024 19:00	59101 WALK_T2	1	1	0	0	0	0	1.05	1.09	1	1	0	450	450	0
1/4/2024 19:00	56802 BENV_T2	0	0	0	0	0	0	-1.21	-1.17	0	0	0	0	0	0
1/4/2024 19:00	16006 DORN_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1/4/2024 19:00	67605 WARW_T1	0	0	0	0	0	0	-0.87	-0.88	0	0	0	0	0	0
1/4/2024 19:00	41801 GOCI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1/4/2024 19:00	67001 STHI_T2	1	1	0	0.4	0.4	0	0	0	0	0	0	0	0	0
1/4/2024 19:00	16302 ALPA_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1/4/2024 19:00	40502 CRES_T2	1	3	2	0.7	0.1	-0.6	-2.71	-2.56	0	0	0	0	0	0
1/4/2024 19:00	20403 ASHF_T2	1	1	0	0.8	0	-0.8	0.57	0.55	0	0	0	0	0	0
1/4/2024 19:00	47001 HUGH_T2	0	0	0	0	0	0	-0.45	-0.52	0	0	0	0	0	0
1/4/2024 19:00	64702 LITI_T2	0	0	0	0	0	0	-0.82	-0.84	0	0	0	0	0	0
1/4/2024 19:01	59101 WALK_T2	1	1	0	0	0	0	1.05	1.09	1	1	0	450	450	0
1/4/2024 19:01	52402 GRPA_T2	3	5	2	0.83	0.8	-0.03	0	0	0	0	0	0	0	0
1/4/2024 19:01	57403 SPAN_T1	0	0	0	0	0	0	0.15	0.21	0	0	0	0	0	0
1/4/2024 19:01	56802 BENV_T2	0	0	0	0	0	0	-1.21	-1.17	0	0	0	0	0	0
1/4/2024 19:01	53601 DALM_T2	1	1	0	0.2	0.4	0.2	-0.62	-0.58	1	1	0	600	600	0
1/4/2024 19:01	13704 SCHN_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1/4/2024 19:01	64902 MILL_T2	0	0	0	0	0	0	-0.63	-0.63	1	1	0	900	900	0
1/4/2024 19:01	67002 STHI_T2	0	0	0	0	0	0	0.61	0.58	0	0	0	0	0	0
1/4/2024 19:01	16302 ALPA_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1/4/2024 19:01	59302 MCAL_T1	0	0	0	0	0	0	-0.97	-0.92	1	1	0	600	600	0
1/4/2024 19:01	67502 WEWI_T2	0	0	0	0	0	0	-2.44	-2.59	2	2	0	1800	1800	0
1/4/2024 19:01	47402 PENS_T1	1	0	-1	0.2	0	-0.2	0	0	0	0	0	0	0	0
1/4/2024 19:01	46903 MNTG_T2	15	15	0	0.15	0.14	-0.01	-0.33	-0.32	1	1	0	600	600	0
1/4/2024 19:01	57401 SPAN_T1	0	0	0	1	0	0	-1.26	-1.23	1	1	0	600	600	0
1/4/2024 19:01	45502 DERR_T2	1	4	3	0.8	0.4	-0.4	0	0	0	0	0	0	0	0
1/4/2024 19:01	65001 NEFF_T2	0	0	0	0	0	0	-0.79	-0.81	1	1	0	1200	1200	0
1/4/2024 19:01	67603 WARW_T1	0	0	0	0	0	0	0.14	0.14	0	0	0	0	0	0
1/4/2024 19:02	40502 CRES_T2	1	3	2	0.7	0.1	-0.6	-1.08	-1.02	0	0	0	0	0	0
1/4/2024 19:02	60101 COCA_T1	0	0	0	0	0	0	0.91	0.96	0	0	0	0	0	0
1/4/2024 19:02	44301 BEAV_T2	0	0	0	0	0	0	-0.03	0.01	1	1	0	600	600	0
1/4/2024 19:02	56802 BENV_T2	0	0	0	0	0	0	-2.42	-2.35	0	0	0	0	0	0
1/4/2024 19:02	63401 HONY_T1	0	0	0	0	0	0	-0.1	-0.11	1	1	0	600	600	0
1/4/2024 19:02	60502 NMAN_T2	0	0	0	0	0	0	-0.26	-0.26	0	0	0	0	0	0
1/4/2024 19:02	54202 PENN_T2	0	0	0	0	0	0	0.65	0.6	0	0	0	0	0	0
1/4/2024 19:02	41602 CLEV_T1	1	0	-1	0.5	0	-0.5	0	0	0	0	0	0	0	0
1/4/2024 19:02	65702 RVIL_T2	0	0	0	0	0	0	-0.62	-0.63	0	0	0	0	0	0
1/4/2024 19:02	62604 ENGL_T1	0	0	0	0	0	0	-0.5	-0.48	1	1	0	600	600	0
1/4/2024 19:02	67204 TEHI_T2	0	0	0	0	0	0	0.25	0.23	0	0	0	0	0	0
1/4/2024 19:02	60201 ATGL_T2	0	0	0	0	0	0	0.29	0.35	1	1	0	300	300	0
1/4/2024 19:02	40101 HUNT_T2	493	517	24	1.11	1.18	0.07	-0.53	-0.55	0	0	0	0	0	0
1/4/2024 19:03	66503 SMAN_T2	0	1	1	0	0.1	0.1	0	0	0	0	0	0	0	0
1/4/2024 19:03	67402 WAKE_T2	0	0	0	0	0	0	-0.3	-0.31	1	1	0	600	600	0
1/4/2024 19:03	64702 LITI_T2	0	0	0	0	0	0	-0.82	-0.84	0	0	0	0	0	0
1/4/2024 19:03	52102 MEIS_T1	1	1	0	0.2	0	-0.2	0	0	1	1	0	450	450	0
1/4/2024 19:03	52004 LING_T2	1	1	0	0.8	0.7	-0.1	0	0	0	0	0	0	0	0
1/4/2024 19:03	57401 SPAN_T1	0	0	0	0	0	0	-1.26	-1.23	1	1	0	600	600	0
1/4/2024 19:03	43201 MVIL_T2	0	1	1	0	0	0	0	0	0	0	0	0	0	0
1/4/2024 19:03	67103 SPRI_T1	0	0	0	0	0	0	0.55	0.51	0	0	0	0	0	0
1/4/2024 19:03	56501 ROCK_T2	0	0	0	0	0	0	-1.24	-1.21	0	0	0	0	0	0
1/4/2024 19:03	67204 TEHI_T2	0	0	0	0	0	0	0.25	0.23	0	0	0	0	0	0
1/4/2024 19:03	55002 NEWP_T1	3	5	2	0.37	0.36	-0.01	-0.13	-0.16	0	0	0	0	0	0
1/4/2024 19:04	47401 PENS_T1	0	0	0	0	0	0	-0.82	-0.79	0	0	0	0	0	0
1/4/2024 19:04	45802 HEGI_T2	2	0	-2	0.2	0	-0.2	0.9	0.83	0	0	0	0	0	0
1/4/2024 19:04	42701 AUGU_T1	12	18	6	0.33	0.44	0.11	0	0	1	1	0	600	600	0
1/4/2024 19:04	40502 CRES_T2	1	3	2	0.7	0.1	-0.6	-1.63	-1.54	0	0	0	0	0	0
1/4/2024 19:04	40101 HUNT_T2	493	517	24	1.11	1.18	0.07	-1.05	-1.09	0	0	0	0	0	0
1/4/2024 19:04	40602 PIGR_T1	0	0	0	0	0	0	-1.72	-1.71	1	1	0	600	600	0
1/4/2024 19:04	60103 COCA_T2	0	0	0	0	0	0	-0.85	-0.93	1	1	0	900	900	0
1/4/2024 19:04	43201 MVIL_T2	0	1	1	0	0	0	-1.24	-1.23	0	0	0	0	0	0
1/4/2024 19:04	41601 CLEV_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1/4/2024 19:04	67602 WARW_T2	0	0	0	0	0	0	1.15	0.94	0	0	0	0	0	0
1/4/2024 19:04	42201 SHEN_T2	0	0	0	0	0	0	0.12	0.11	1	1	0	600	600	0
1/4/2024 19:04	67502 WEWI_T2	0	0	0	0	0	0	-1.22	-1.3	1	1	0	900	900	0
1/4/2024 19:04	66702 STRA_T1	0	0	0	0	0	0	0.11	0.03	3	3	0	2700	2700	0
1/4/2024 19:04	56802 BENV_T2	0	0	0	0	0	0	-2.42	-2.35	0	0	0	0	0	0
1/4/2024 19:04	46801 HEPB_T2	0	0	0	0	0	0	0.67	0.67	0	0	0	0	0	0
1/4/2024 19:04	46903 MNTG_T2	15	15	0	0.15	0.14	-0.01	-0.33	-0.32	1	1	0	600	600	0
1/4/2024 19:05	56802 BENV_T2	0	0	0	0	0	0	-2.42	-2.35	0	0	0	0	0	0
1/4/2024 19:05	58006 WCAR_T2	0	0	0	0	0	0	0.43	0.46	0	0	0	0	0	0
1/4/2024 19:05	43201 MVIL_T2	0	1	1	0	0	0	0	0	0	0	0	0	0	0
1/4/2024 19:05	43402 BENT_T1	2	1	-1	0.25	0	-0.25	-1.5	-1.49	2	2	0	1500	1500	0
1/4/2024 19:05	47402 PENS_T1	1	0	-1	0.2	0	-0.2	0	0	0	0	0	0	0	0
1/4/2024 19:05	60201 ATGL_T2	0	0	0	0	0	0	0.29	0.35	1	1	0	300	300	0
1/4/2024 19:05	57401 SPAN_T1	0	0	0	0	0	0	-1.26	-1.23	1	1	0	600	600	0
1/4/2024 19:05	67001 STHI_T2	1	1	0	0.4	0.4	0	0	0	0	0	0	0	0	0
1/4/2024 19:05	42701 AUGU_T1	12	18	6	0.33	0.44	0.11	0	0	2	2	0	1200	1200	0
1/4/2024 19:05	43001 ALWD_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1/4/2024 19:05	65503 MOJO_T2	0	0	0	0	0	0	-0.42	-0.4	0	0	0	0	0	0
1/4/2024 19:05	67503 WEWI_T2	0	0	0	0	0	0	-0.2	-0.03	0	0	0	0	0	0
1/4/2024 19:05	46903 MNTG_T2	15	15	0	0.15	0.14	-0.01	-0.65	-0.63	2	2	0	1200	1200	0
1/4/2024 19:05	67605 WARW_T1	0	0	0	0	0	0	-1.74	-1.76	0	0	0	0	0	0
1/4/2024 19:05	14403 SSLA_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1/4/2024 19:05	58402 MORO_T1	0	0	0	0	0	0	-0.55	-0.59	3	3	0	2400	2400	0
1/4/2024 19:05	56501 ROCK_T2	0	0	0	0	0	0	-1.24	-1.21	0	0	0	0	0	0
1/4/2024 19:06	56801 BENV_T1	1	4	3	0.7	0.2	-0.5	-0.51	-0.53	1	1	0	600	600	0
1/4/2024 19:06	42201 SHEN_T2	0	1	1	0	0	0	0.12	0.11	1	1	0	600	600	0
1/4/2024 19:06	41902 REED_T1	8	5	-3	0.59	0.45	-0.14	0.36	0.31	1	1	0	900	900	0
1/4/2024 19:06	45402 WILO_T2	3	21	18	0.13	0.7	0.57	-0.55	-0.52	0	0	0	0	0	0
1/4/2024 19:06	47401 PENS_T1	0	0	0	0	0	0	-0.41	-0.39	0	0	0	0	0	0
1/4/2024 19:06	54502 ENOL_T2	0	0	0	0	0	0	-1.87	-1.89	1	1	0	600	600	0
1/4/2024 19:06	55002 NEWP_T1	3	5	2	0.37	0.36	-0.01	-0.13	-0.16	0	0	0	0	0	0
1/4/2024 19:06	42701 AUGU_T1	12	18	6	0.33	0.44	0.11	0	0	1	1	0	600	600	0
1/4/2024 19:06	45501 DERR_T2	1	0	-1	0.1	0	-0.1	0.73	0.84	2	2	0	1800	1800	0
1/4/2024 19:06	40603 PIGR_T1	0	0	0	0	0	0	0.44	0.43	0	0	0	0	0	0
1/4/2024 19:06	40502 CRES_T2	1	3	2	0.7	0.1	-0.6	-3.25	-3.07	0	0	0	0	0	0
1/4/2024 19:06	51604 DUKE_T2	0	2	2	0	0.1	0.1	-1.57	-1.58	1	1	0	900	900	0
1/4/2024 19:06	40901 JESH_T1	1	1	0	0.2	0.1	-0.1	0	0	0	0	0	0	0	0
1/4/2024 19:06	53903 HAU_T2	2	2	0	0.8	0.65	-0.15	-0.22	-0.22	0	0	0	0	0	0
1/4/2024 19:06	52403 GRPA_T2	10	10	0	0.63	0.53	-0.1	0	0	0	0	0	0	0	0
1/4/2024 19:06	11804 FRAN_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1/4/2024 19:06	64801 MONE_T2	0	0	0	0	0	0	0.5	0.45	0	0	0	0	0	0
1/4/2024 19:06	45702 LIND_T2	1	1	0	0.9	0.8	-0.1	-0.49	-0.49	0	0	0	0	0	0
1/4/2024 19:06	20403 ASHF_T2	1	1	0	0.8	0	-0.8	0.57	0.55	0	0	0	0	0	0
1/4/2024 19:06	67602 WARW_T2	0	0	0	0	0	0	0.58	0.47	0	0	0	0	0	0
1/4/2024 19:06	44301 BEAV_T2	0	0	0	0	0	0	-0.09	0.03	3	3	0	1800	1800	0
1/4/2024 19:06	52102 MEIS_T1	1	1	0	0.2	0	-0.2	0	0	1	1	0	450	450	0
1/4/2024 19:06	13503 MCMI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1/4/2024 19:06	56802 BENV_T2	0	0	0	0	0	0	-2.42	-2.35	0	0	0	0	0	0
1/4/2024 19:06	67603 WARW_T1	0	0	0	0	0	0	0.14	0.14	0	0	0	0	0	0
1/4/2024 19:07	56802 BENV_T2	0	0	0	0	0	0	-1.21	-1.17	0	0	0	0	0	0
1/4/2024 19:07	44301 BEAV_T2	0	0	0	0	0	0	-0.06	0.02	2	2	0	1200	1200	0
1/4/2024 19:07	52402 GRPA_T2	3	5	2	0.83	0.8	-0.03	0	0	0	0	0	0	0	0
1/4/2024 19:07	62606 ENGL_T1	0	1	1	0	0	0	0	0	0	0	0	0	0	0
1/4/2024 19:07	46903 MNTG_T2	15	15	0	0.15	0.14	-0.01	-0.33	-0.32	1	1	0	600	600	0
1/4/2024 19:07	51107 CARL_T1	0	0	0	0	0	0	-0.1	-0.14	0	0	0	0	0	0
1/4/2024 19:07	60803 BUCK_T1	0	0	0	0	0	0	-1.21	-1.21	1	1	0	600	600	0
1/4/2024 19:07	44201 POIN_T1	0	0	0	0	0	0	-1.43	-1.45	1	1	0	900	900	0
1/4/2024 19:07	67503 WEWI_T2	0	0	0	0	0	0	-0.1	-0.02	0	0	0	0	0	0
1/4/2024 19:07	42701 AUGU_T1	12	18	6	0.33	0.44	0.11	0	0	1	1	0	600	600	0
1/4/2024 19:08	52102 MEIS_T1	1	1	0	0.2	0	-0.2	0	0	1	1	0	450	450	0
1/4/2024 19:08	40502 CRES_T2	1	3	2	0.7	0.1	-0.6	-0.51	-0.55	0	0	0	0	0	0
1/4/2024 19:08	62606 ENGL_T1	0	1	1	0	0	0	0	0	0	0	0	0	0	0
1/4/2024 19:08	44301 BEAV_T2	0	0	0	0	0	0	0.01	0	1	1	0	600	600	0
1/4/2024 19:08	47401 PENS_T1	0	0	0	0	0	0	-0.39	-0.46	0	0	0	0	0	0
1/4/2024 19:08	56501 ROCK_T2	0	0	0	0	0	0	-1.24	-1.21	0	0	0	0	0	0
1/4/2024 19:08	42903 MIDD_T2	0	0	0	0	0	0	-1.31	-1.2	1	1	0	1200	1200	0
1/4/2024 19:08	65702 RVIL_T2	0	0	0	0	0	0	-0.62	-0.63	0	0	0	0	0	0
1/4/2024 19:08	56802 BENV_T2	0	0	0	0	0	0	-1.21	-1.17	0	0	0	0	0	0
1/4/2024 19:08	40602 PIGR_T1	0	0	0	0	0	0	-1.71	-1.69	1	1	0	600	600	0
1/4/2024 19:09	67203 TEHI_T1	0	1	1	0	0.4	0.4	0	0	0	0	0	0	0	0
1/4/2024 19:09	54501 ENOL_T2	0	0	0	0	0	0	-0.42	-0.49	1	1	0	600	600	0
1/4/2024 19:09	55002 NEWP_T1	3	5	2	0.37	0.36	-0.01	-0.32	-0.32	0	0	0	0	0	0
1/4/2024 19:09	53501 EVIL_T2	1	0	-1	0.1	0	-0.1	-1.43	-1.4	2	2	0	1200	1200	0
1/4/2024 19:09	67502 WEWI_T2	0	0	0	0	0	0	-1.3	-1.23	1	1	0	900	900	0
1/4/2024 19:09	58402 MORO_T1	0	0	0	0	0	0	-0.59	-0.63	3	3	0	2400	2400	0
1/4/2024 19:09	57403 SPAN_T1	0	0	0	0	0	0	0.21	0.17	0	0	0	0	0	0
1/4/2024 19:09	61801 EELI_T2	0	0	0	0	0	0	-1.88	-0.59	2	2	0	1200	1200	0
1/4/2024 19:09	59101 WALK_T2	1	1	0	0	0	0	1.09	1.33	1	1	0	450	450	0
1/4/2024 19:09	56504 ROCK_T2	0	0	0	0	0	0	-0.05	-0.18	0	0	0	0	0	0
1/4/2024 19:10	49804 UNIV_T1	6	1	-5	0.5	0	-0.5	0	0	0	0	0	0	0	0
1/4/2024 19:10	58402 MORO_T1	0	0	0	0	0	0	-0.59	-0.63	3	3	0	2400	2400	0
1/4/2024 19:10	65901 SAKR_T2	1	1	0	8.6	8.8	0.2	0	0	0	0	0	0	0	0
1/4/2024 19:10	41801 GOCI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1/4/2024 19:10	56802 BENV_T2	0	0	0	0	0	0	-2.35	-2.38	0	0	0	0	0	0
1/4/2024 19:10	40101 HUNT_T2	493	517	24	1.11	1.18	0.07	-0.55	-0.56	0	0	0	0	0	0
1/4/2024 19:10	67203 TEHI_T1	0	1	1	0	0.4	0.4	2.38	2.39	1	1	0	600	600	0
1/4/2024 19:10	64101 REFR_T1	0	0	0	0	0	0	0

1/4/2024 20:09	65001 NEFF_T2	0	0	0	0	0	0	-0.83	-0.88	1	1	0	1200	1200	0
1/4/2024 20:11	57401 SPAN_T1	0	0	0	0	0	0	-1.25	-1.23	1	1	0	600	600	0
1/4/2024 20:13	60803 BUCK_T1	0	0	0	0	0	0	-1.24	-1.28	1	1	0	600	600	0
1/4/2024 20:16	43402 BENT_T1	3	0	-3	0.53	0	-0.53	-1.51	-1.53	2	2	0	1500	1500	0
1/4/2024 20:17	43402 BENT_T1	3	0	-3	0.53	0	-0.53	-1.51	-1.53	2	2	0	1500	1500	0
1/4/2024 20:36	43402 BENT_T1	0	0	0	0	0	0	-1.53	-0.9	2	2	0	1500	1500	0
1/4/2024 20:37	43402 BENT_T1	0	0	0	0	0	0	-1.53	-0.9	2	2	0	1500	1500	0
1/4/2024 20:40	65003 NEFF_T2	15	57	42	0.14	0.18	0.04	0	0	0	0	0	0	0	0
1/4/2024 20:48	50103 HARR_T3	0	1	1	0	0.5	0.5	0	0	0	0	0	0	0	0
1/4/2024 20:51	50106 HARR_T3	1	1	0	0	0	0	0	0	0	0	0	0	0	0
1/4/2024 20:56	43402 BENT_T1	0	2	2	0	0	0	-1.53	-0.91	2	1	-1	1500	900	-600
1/4/2024 20:57	43402 BENT_T1	0	2	2	0	0	0	-1.53	-0.91	2	1	-1	1500	900	-600
1/4/2024 21:16	43402 BENT_T1	2	0	-2	1.25	0	-1.25	-0.91	-1.58	1	2	1	900	1500	600
1/4/2024 21:17	43402 BENT_T1	2	0	-2	1.25	0	-1.25	-0.91	-1.58	1	2	1	900	1500	600
1/4/2024 21:36	43402 BENT_T1	0	0	0	0	0	0	-1.58	-1.59	2	1	-1	1500	900	-600
1/4/2024 21:37	43402 BENT_T1	0	0	0	0	0	0	-1.58	-1.59	2	1	-1	1500	900	-600
1/4/2024 21:40	66901 SHIL_T2	19	81	62	0.15	0.14	-0.01	-1.69	-1.67	1	1	0	1200	1200	0
1/4/2024 21:56	43402 BENT_T1	0	0	0	0	0	0	-0.94	-1.15	1	1	0	900	900	0
1/4/2024 21:57	43402 BENT_T1	0	0	0	0	0	0	-0.94	-1.15	1	1	0	900	900	0
1/4/2024 21:59	65001 NEFF_T2	0	9	9	0	0.11	0.11	-0.88	-0.94	1	1	0	1200	1200	0
1/4/2024 22:15	65001 NEFF_T2	0	0	0	0	0	0	-0.94	-0.97	1	1	0	1200	1200	0
1/4/2024 22:16	43402 BENT_T1	0	0	0	0	0	0	-1.15	-1.58	1	2	1	900	1500	600
1/4/2024 22:17	43402 BENT_T1	0	0	0	0	0	0	-1.15	-1.58	1	2	1	900	1500	600
1/4/2024 22:36	43402 BENT_T1	0	1	1	0	0	0	-1.58	-0.95	1	1	0	900	900	0
1/4/2024 22:37	43402 BENT_T1	0	1	1	0	0	0	-1.58	-0.95	1	1	0	900	900	0
1/4/2024 22:52	65001 NEFF_T2	0	0	0	0	0	0	-1.04	-1.04	1	1	0	1200	1200	0
1/4/2024 22:56	43402 BENT_T1	0	1	1	0	0	0	-0.97	-1.55	1	2	1	900	1500	600
1/4/2024 22:57	43402 BENT_T1	0	1	1	0	0	0	-0.97	-1.55	1	2	1	900	1500	600
1/4/2024 23:02	65001 NEFF_T2	0	0	0	0	0	0	-1.04	-1.03	1	1	0	1200	1200	0
1/4/2024 23:13	65001 NEFF_T2	0	0	0	0	0	0	-1.03	-1.1	1	1	0	1200	1200	0
1/4/2024 23:16	43402 BENT_T1	0	0	0	0	0	0	-1.55	-1.57	2	2	0	1500	1500	0
1/4/2024 23:17	43402 BENT_T1	0	0	0	0	0	0	-1.55	-1.57	2	2	0	1500	1500	0
1/4/2024 23:41	65001 NEFF_T2	0	0	0	0	0	0	-1.13	-1.23	1	1	0	1200	1200	0
1/5/2024 0:42	65001 NEFF_T2	0	0	0	0	0	0	-1.18	-1.18	1	1	0	1200	1200	0
1/5/2024 1:29	65001 NEFF_T2	0	0	0	0	0	0	-1.15	-1.2	1	1	0	1200	1200	0
1/5/2024 1:55	65001 NEFF_T2	0	0	0	0	0	0	-1.15	-1.16	1	1	0	1200	1200	0
1/5/2024 3:19	65001 NEFF_T2	0	0	0	0	0	0	-1.19	-1.21	1	1	0	1200	1200	0
1/5/2024 4:07	65001 NEFF_T2	0	0	0	0	0	0	-1.18	-1.08	1	1	0	1200	1200	0
1/5/2024 4:28	65001 NEFF_T2	0	0	0	0	0	0	-0.96	-1	1	1	0	1200	1200	0
1/5/2024 5:04	65001 NEFF_T2	0	0	0	0	0	0	-0.99	-0.95	1	1	0	1200	1200	0
1/5/2024 5:28	50103 HARR_T3	0	6	6	0	0.2	0.2	0	0	0	0	0	0	0	0
1/5/2024 5:31	65001 NEFF_T2	0	0	0	0	0	0	-0.91	-0.89	1	1	0	1200	1200	0
1/5/2024 5:52	65001 NEFF_T2	0	0	0	0	0	0	-0.89	-0.78	1	1	0	1200	1200	0
1/5/2024 6:28	65001 NEFF_T2	0	0	0	0	0	0	-0.71	-0.55	1	1	0	1200	1200	0
1/5/2024 7:16	65001 NEFF_T2	0	0	0	0	0	0	-0.46	-0.38	1	1	0	1200	1200	0
1/5/2024 7:51	43401 BENT_T1	1	0	-1	1.3	0	-1.3	0	0	0	0	0	0	0	0
1/5/2024 7:56	45502 DERR_T2	0	1	1	0	0.1	0.1	0	0	0	0	0	0	0	0
1/5/2024 7:57	45501 DERR_T2	1	1	0	0.2	0.1	-0.1	0.34	0.33	2	2	0	1800	1800	0
1/5/2024 7:57	43402 BENT_T1	0	0	0	0	0	0	-1.53	-1.55	2	2	0	1500	1500	0
1/5/2024 7:58	65001 NEFF_T2	0	0	0	0	0	0	-0.38	-0.4	1	1	0	1200	1200	0
1/5/2024 8:00	13503 MCMI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1/5/2024 8:03	13503 MCMI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1/5/2024 8:06	13503 MCMI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1/5/2024 8:13	53901 HALI_T2	0	0	0	0	0	0	-0.35	-0.42	0	0	0	0	0	0
1/5/2024 8:14	40101 HUNT_T2	74	458	384	0.51	0.61	0.1	-0.31	-0.35	0	0	0	0	0	0
1/5/2024 8:14	53903 HALI_T2	2	2	0	0.1	0.8	0.7	0	0	0	0	0	0	0	0
1/5/2024 8:18	64203 KINZ_T1	11	7	-4	1.31	0.77	-0.54	-0.18	-0.28	3	3	0	2100	2100	0
1/5/2024 8:21	67103 SPRI_T1	0	0	0	0	0	0	0.57	0.55	0	0	0	0	0	0
1/5/2024 8:22	67103 SPRI_T1	0	0	0	0	0	0	0.57	0.55	0	0	0	0	0	0
1/5/2024 8:24	49803 UNIV_T1	0	0	0	0	0	0	-0.86	-0.86	0	0	0	0	0	0
1/5/2024 8:25	43402 BENT_T1	0	0	0	0	0	0	-1.57	-1.55	2	2	0	1500	1500	0
1/5/2024 8:32	55002 NEWP_T1	6	6	0	0.58	0.97	0.39	-0.13	-0.14	0	0	0	0	0	0
1/5/2024 8:33	54205 PENN_T1	50	76	26	0.15	0.27	0.12	0	0	0	0	0	0	0	0
1/5/2024 8:40	53601 DALM_T2	0	1	1	0	0	0	-0.22	-0.26	1	1	0	600	600	0
1/5/2024 8:44	43402 BENT_T1	0	0	0	0	0	0	-1.55	-0.87	2	2	0	1500	1500	0
1/5/2024 8:45	52404 GRPA_T2	1	0	-1	0.3	0	-0.3	1.79	1.63	0	0	0	0	0	0
1/5/2024 8:45	43402 BENT_T1	0	0	0	0	0	0	-1.55	-0.87	2	2	0	1500	1500	0
1/5/2024 8:51	60301 TWVA_T2	1	0	-1	5	0	-5	0	0	0	0	0	0	0	0
1/5/2024 8:55	56802 BENV_T2	4	30	26	0.23	0.22	-0.01	-1.21	-1.18	0	0	0	0	0	0
1/5/2024 8:56	40502 CRES_T2	8	11	3	0.25	0.26	0.01	-0.48	-0.51	0	0	0	0	0	0
1/5/2024 8:56	56802 BENV_T2	4	30	26	0.23	0.22	-0.01	-1.21	-1.18	0	0	0	0	0	0
1/5/2024 8:58	40502 CRES_T2	8	11	3	0.25	0.26	0.01	-0.48	-0.51	0	0	0	0	0	0
1/5/2024 8:59	46901 MNTG_T2	0	0	0	0	0	0	1.85	1.87	0	0	0	0	0	0
1/5/2024 9:00	55105 WERT_T1	0	0	0	0	0	0	-0.35	-0.39	1	1	0	900	900	0
1/5/2024 9:00	50201 HARR_T3	2	2	0	3.5	4.4	0.9	-0.81	-0.84	1	1	0	1200	1200	0
1/5/2024 9:00	53501 EVIL_T2	3	4	1	0.73	0.6	-0.13	-0.47	-0.48	1	1	0	600	600	0
1/5/2024 9:00	42201 SHEN_T2	0	0	0	0	0	0	-0.55	-0.59	1	1	0	600	600	0
1/5/2024 9:00	46003 BERW_T2	1	2	1	5.7	2.45	-3.25	0	0	0	0	0	0	0	0
1/5/2024 9:00	43001 ALWD_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1/5/2024 9:00	44201 POIN_T1	0	0	0	0	0	0	-1.24	-1.29	1	1	0	900	900	0
1/5/2024 9:00	53903 HALI_T2	2	2	0	1.1	1.1	0	-0.22	-0.21	0	0	0	0	0	0
1/5/2024 9:00	67402 WAKE_T2	0	0	0	0	0	0	-0.28	-0.28	1	1	0	600	600	0
1/5/2024 9:00	67503 WEWI_T2	0	0	0	0	0	0	0.13	0.07	0	0	0	0	0	0
1/5/2024 9:00	41901 REED_T1	11	11	0	1.48	1.45	-0.03	0	0	0	0	0	0	0	0
1/5/2024 9:00	46903 MNTG_T2	0	0	0	0	0	0	0.16	0.04	1	1	0	600	600	0
1/5/2024 9:00	58402 MORO_T1	0	0	0	0	0	0	-0.74	-0.74	3	3	0	2400	2400	0
1/5/2024 9:00	23401 HONE_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1/5/2024 9:00	67603 WARW_T1	0	16	16	0	0	0	0	0	0	0	0	0	0	0
1/5/2024 9:00	59101 WALK_T2	1	1	0	0	0	0	0	0	0	0	0	0	0	0
1/5/2024 9:00	42903 MIDD_T2	0	0	0	0	0	0	-0.76	-0.81	1	1	0	1200	1200	0
1/5/2024 9:00	43304 WATS_T2	0	0	0	0	0	0	-0.66	-0.72	1	1	0	600	600	0
1/5/2024 9:00	27502 WEIS_T2	0	0	0	0	0	0	-0.28	-0.27	0	0	0	0	0	0
1/5/2024 9:01	52101 MEIS_T1	0	1	1	0	0.1	0.1	0	0	0	0	0	0	0	0
1/5/2024 9:01	49804 UNIV_T1	1	1	0	0.1	0.1	0	0	0	0	0	0	0	0	0
1/5/2024 9:01	43402 BENT_T1	0	0	0	0	0	0	-0.87	-0.89	2	1	-1	1500	900	-600
1/5/2024 9:07	67503 WEWI_T2	0	0	0	0	0	0	0.13	0.07	0	0	0	0	0	0
1/5/2024 9:08	57401 SPAN_T1	0	1	1	0	0.1	0.1	0	0	0	0	0	0	0	0
1/5/2024 9:10	56802 BENV_T2	27	18	-9	0.23	0.22	-0.01	-1.18	-1.26	0	0	0	0	0	0
1/5/2024 9:10	43402 BENT_T1	0	0	0	0	0	0	-0.89	-0.88	1	1	0	900	900	0
1/5/2024 9:12	53601 DALM_T2	0	0	0	0	0	0	-0.03	-0.04	1	1	0	600	600	0
1/5/2024 9:16	26803 JAFR_T1	0	0	0	0	0	0	-0.18	-0.12	1	1	0	900	900	0
1/5/2024 9:16	47403 PENS_T1	1	1	0	1.6	1.1	-0.5	0	0	0	0	0	0	0	0
1/5/2024 9:19	47403 PENS_T1	1	1	0	1.6	1.1	-0.5	0	0	0	0	0	0	0	0
1/5/2024 9:19	67103 SPRI_T1	0	0	0	0	0	0	1.05	1.05	0	0	0	0	0	0
1/5/2024 9:19	55002 NEWP_T1	6	6	0	0.48	0.5	0.02	-0.15	-0.15	0	0	0	0	0	0
1/5/2024 9:20	47401 PENS_T1	0	0	0	0	0	0	0.74	0.72	0	0	0	0	0	0
1/5/2024 9:22	29401 BELT_T1	1	52	51	0.1	0.3	0.2	0	0	0	0	0	0	0	0
1/5/2024 9:22	59101 WALK_T2	1	1	0	0	0	0	1	0.94	1	1	0	450	450	0
1/5/2024 9:23	60305 TWVA_T2	0	0	0	0	0	0	1.99	1.97	0	0	0	0	0	0
1/5/2024 9:23	67204 TEHI_T2	0	0	0	0	0	0	0.07	0.15	0	0	0	0	0	0
1/5/2024 9:24	67204 TEHI_T2	0	0	0	0	0	0	0.15	0.07	0	0	0	0	0	0
1/5/2024 9:24	67103 SPRI_T1	0	0	0	0	0	0	0.52	0.57	0	0	0	0	0	0
1/5/2024 9:26	41801 GOCI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1/5/2024 9:26	29401 BELT_T1	1	52	51	0.1	0.3	0.2	0	0	0	0	0	0	0	0
1/5/2024 9:27	53901 HALI_T2	0	1	-1	0	0.4	0.4	-0.27	-0.29	0	0	0	0	0	0
1/5/2024 9:30	41801 GOCI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1/5/2024 9:31	53903 HALI_T2	2	2	0	1	1.1	0.1	0	0	0	0	0	0	0	0
1/5/2024 9:34	52102 MEIS_T1	0	0	0	0	0	0	0	0	1	1	0	450	450	0
1/5/2024 9:34	42202 SHEN_T2	1	2	1	0.3	0.3	0	0	0	0	0	0	0	0	0
1/5/2024 9:36	52404 GRPA_T2	0	0	0	0	0	0	0.79	0.65	0	0	0	0	0	0
1/5/2024 9:37	52402 GRPA_T2	4	8	4	1.18	0.8	-0.38	0	0	0	0	0	0	0	0
1/5/2024 9:37	49803 UNIV_T1	21	29	8	0.19	0.2	0.01	-0.88	-0.82	0	0	0	0	0	0
1/5/2024 9:41	56802 BENV_T2	11	15	4	0.25	0.27	0.02	-2.52	-2.57	0	0	0	0	0	0
1/5/2024 9:41	52402 GRPA_T2	4	8	4	1.18	0.8	-0.38	0	0	0	0	0	0	0	0
1/5/2024 9:43	56802 BENV_T2	11	15	4	0.25	0.27	0.02	-1.26	-1.29	0	0	0	0	0	0
1/5/2024 9:45	57303 MOAL_T2	1	1	0	7.1	6.9	-0.2	0	0	0	0	0	0	0	0
1/5/2024 9:45	52102 MEIS_T1	0	0	0	0	0	0	0	0	1	1	0	450	450	0
1/5/2024 9:47	60502 NMAN_T2	0	0	0	0	0	0	-0.25	-0.16	0	0	0	0	0	0
1/5/2024 9:48	57304 MOAL_T2	1	1	0	0.3	0.4	0.1	-0.25	-0.18	0	0	0	0	0	0
1/5/2024 9:48	13503 MCMI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1/5/2024 9:48	15604 NSTR_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1/5/2024 9:48	65901 SAKR_T2	1	1	0	9.3	8.5	-0.8	-1.02	-1.08	1	1	0	900	900	0
1/5/2024 9:48	41902 REED_T1	0	0	0	0	0	0	0.42	0.42	1	1	0	900	900	0
1/5/2024 9:49	52101 MEIS_T1	1	1	0	0.1	0.5	0.4	0	0	0	0	0	0	0	0
1/5/2024 9:49	56501 ROCK_T2	71	141	70	0.22	0.21	-0.01	-3.29	-3.26	0	0	0	0	0	0
1/5/2024 9:49	56802 BENV_T2	5	14	9	0.38	0.26	-0.12	-1.26	-1.29	0	0	0	0	0	0
1/5/2024 9:50	13503 MCMI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1/5/2024 9:51	15604 NSTR_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1/5/2024 9:51	67602 WARW_T2	0	0	0	0	0	0	0.73	0.65	0	0	0	0	0	0
1/5/2024 9:51	56501 ROCK_T2	71	141	70	0.22	0.21	-0.01	-3.29	-3.26	0	0	0	0	0	0
1/5/2024 9:52	41901 REED_T1	13	12	-1	1.23	1.48	0.25	0	0	0	0	0	0	0	0
1/5/2024 9:52	56501 ROCK_T2	71	141	70	0.22	0.21	-0.01	-3.29	-3.26	0	0	0	0	0	0
1/5/2024 9:53	67602 WARW_T2	0	0	0	0	0	0	0.73	0.65	0	0	0	0	0	0
1/5/2024 9:53	67402 WAKE_T2	0	0	0	0	0	0	-0.28	-0.3	1	1	0	600	600	0
1/5/2024 9:53	67502 WEWI_T2	2	1	-1	0.25	0.7	0.45	0	0	0	0	0	0	0	0
1/5/2024 9:54	52401 GRPA_T2	3	3	0	0.17	0.33	0.16	0	0	0	0	0	0	0	0
1/5/2024 9:55	67602 WARW_T2	0	0	0	0	0	0	0.65	0.61	0	0	0	0	0	0
1/5/2024 9:56	52402 GRPA_T2	4	8	4	1.1	0.86	-0.24	-0.79	-0.82	0	0	0	0	0	0
1/5/2024 9:57	53903 HALI_T2	2	2	0	0.85	1.1	0.25	-0.2	-0.18	0	0	0	0	0	0
1/5/2024 9:58	40101 HUNT_T2	330	346	16	1.03	0.91	-0.12	-0.46	-0.32	0	0	0	0	0	0
1/5/2024 9:59	54505 ENOL_T2	1	1	0	0.6	0.8	0.2	0	0	0	0	0	0	0	0
1/5/2024 9:59	53901 HALI_T2	1	1	0	0.3	0.5	0.2	0	0	0	0	0	0	0	0
1/5/2024 10:00	46903 MNTG_T2	0	0	0	0	0	0	0.25	0.16	1	1	0	600	600	0
1/5/2024 10:00	40101 HUNT_T2	327	360	33	0.91	0.95	0.04	-0.23	-0.16	0	0	0	0	0	0
1/5/2024 10:00	53901 HALI_T2	1	1	0	0.5	0.4	-0.1	0	0	0	0	0	0	0	0
1/5/2024 10:02	43201 MVIL_T2	0	0	0	0	0	0	-1.14	-1.15	0	0	0	0	0	0
1/5/2024 10:02	46903 MNTG_T2	0	0	0	0	0	0	0.5	0.33	2	2	0	1200	1200	0
1/5/2024 10:02	46903 MNTG_T2	0	0	0	0	0	0	0.5	0.33	2	2	0	1200	1200	0
1/5/2024 10:02	43202 MVIL_T2	0	0	0	0	0	0	-0.56	-0.61	0	0	0	0	0	0
1/5/2024 10:03	57401 SPAN_T1	2	4	2	0.6	0.35	-0.25	-0.92	-0.9	1	1	0	600	600	0
1/5/2024 10:03	46903 MNTG_T2	0	0	0	0	0	0	0.25	0.16	1	1	0	600	600	0
1/5/2024 10:03	43202 MVIL_T2	0	0	0	0	0	0	-0.56	-0.61	0	0	0	0	0	0
1/5/2024 10:04	65901 SAKR_T2	1	1	0	8.5	8.2	-0.3	-1.08	-1.09	1	1	0	900	900	0
1/5/2024 10:04	46903 MNTG_T2	0	0	0	0	0	0	0.25	0.16	1	1	0	600	600	0
1/5/2024 10:04	57403 SPAN_T1	5	1	-4	0.22	0.1	-0.12	0	0	0	0	0	0	0	0
1/5/2024 10:06	40603 PIGR_T1	0	1	1	0	0	0	0	0	0	0	0	0	0	0
1/5/2024 10:06	57401 SPAN_T1	2	4	2	0.6	0.35	-0.25	-0.92	-0.9	1	1	0	600	600	0
1/5/2024 10:06	43401 BENT_T1	0	1	1	0	0	0	0	0	0	0	0	0	0	0
1/5/2024 10:07	43401 BENT_T1	0	1	1	0	0	0	0	0	0	0	0	0	0	0
1/5/2024 10:07	67201 TEHI_T1	0	0	0	0	0	0	0.64	0.47	1	1	0	900	900	0
1/5/2024 10:07	56504 ROCK_T2	0	0	0	0	0	0	0	0.02	0	0	0	0	0	0
1/5/2024 10:08	29401 BELT_T1	60	86	26	0.3	0.4	0.1	0	0	1	1	0	900	900	0
1/5/2024 10:08	57401 SPAN_T1	2	4	2	0.6	0.35	-0.25	-1.84	-1.8	2	2	0	1200	1200	0
1/5/2024 10:08	56802 BENV_T2	14	4	-10	0.26	0.23	-0.03	-2.57	-2.29	0	0	0	0	0	0
1/5/2024 10:08	49804 UNIV_T1	1	0	-1	0.1	0	-0.1	0	0	0	0	0	0	0	0
1/5/2024 10:08	43001 ALWD_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1/5/2024 10:09	56802 BENV_T2	14	4	-10	0.26	0.23	-0.03	-2.29	-2.3	0	0	0	0	0	0
1/5/2024 10:09	67203 TEHI_T1	13	17	4	0.34	0.28	-0.06	2.93	2.81	2	2	0	1200	1200	0
1/5/2024 10:09	56803 BENV_T1	2	2

Appendix C - Grid Benefits Achieved in Each Instance of Active Management

1/5/2024 10:31	53501 EVIL_T2	5	9	4	0.46	0.61	0.15	-0.53	-0.49	1	1	0	600	600	0
1/5/2024 10:32	40101 HUNT_T2	347	253	-94	0.95	0.57	-0.38	-0.25	-0.29	0	0	0	0	0	0
1/5/2024 10:32	16402 MOPO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1/5/2024 10:33	55002 NEWP_T1	3	9	6	1.2	0.9	-0.3	-0.15	-0.15	0	0	0	0	0	0
1/5/2024 10:34	40602 PIGR_T1	0	2	2	0	0.2	0.2	-0.45	-0.49	1	1	0	600	600	0
1/5/2024 10:34	46903 MNTG_T2	0	0	0	0	0	0	0.46	0.21	4	4	0	2400	2400	0
1/5/2024 10:34	64101 REFR_T1	0	0	0	0	0	0	0	-0.04	0	0	0	0	0	0
1/5/2024 10:34	40601 PIGR_T1	18	22	4	0.16	0.19	0.03	0	0	0	0	0	0	0	0
1/5/2024 10:35	14403 SSLA_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1/5/2024 10:35	64101 REFR_T1	0	0	0	0	0	0	-0.01	-0.07	0	0	0	0	0	0
1/5/2024 10:36	16302 ALPA_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1/5/2024 10:36	59101 WALK_T2	1	2	1	0	0	0	1.28	1.33	0	0	0	0	0	0
1/5/2024 10:37	56501 ROCK_T2	12	132	120	0.26	0.18	-0.08	-1.68	-1.66	0	0	0	0	0	0
1/5/2024 10:38	16402 MOPO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1/5/2024 10:38	45402 WBLO_T2	1	0	-1	0.4	0	-0.4	-0.54	-0.57	0	0	0	0	0	0
1/5/2024 10:38	16302 ALPA_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1/5/2024 10:40	41502 FAIR_T2	0	0	0	0	0	0	-1.62	-1.63	1	1	0	900	900	0
1/5/2024 10:40	16302 ALPA_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1/5/2024 10:40	64101 REFR_T1	0	0	0	0	0	0	-0.04	-0.04	0	0	0	0	0	0
1/5/2024 10:41	64101 REFR_T1	0	0	0	0	0	0	-0.04	-0.04	0	0	0	0	0	0
1/5/2024 10:41	65004 NEFF_T2	1	1	0	0.2	0.5	0.3	0	0	0	0	0	0	0	0
1/5/2024 10:41	56501 ROCK_T2	12	132	120	0.26	0.18	-0.08	-1.66	-1.65	0	0	0	0	0	0
1/5/2024 10:41	67605 WARW_T1	0	9	9	0	0.29	0.29	-1.23	-1.25	0	0	0	0	0	0
1/5/2024 10:42	67605 WARW_T1	0	9	9	0	0.29	0.29	-1.23	-1.25	0	0	0	0	0	0
1/5/2024 10:45	46903 MNTG_T2	0	0	0	0	0	0	0.05	0.13	1	1	0	600	600	0
1/5/2024 10:46	46903 MNTG_T2	0	0	0	0	0	0	0.1	0.26	2	2	0	1200	1200	0
1/5/2024 10:46	43402 BENT_T1	0	0	0	0	0	0	-0.87	-0.89	1	1	0	900	900	0
1/5/2024 10:47	43401 BENT_T1	1	0	-1	1.1	0	-1.1	0	0	0	0	0	0	0	0
1/5/2024 10:47	46903 MNTG_T2	0	0	0	0	0	0	0.05	0.13	1	1	0	600	600	0
1/5/2024 10:47	42903 MIDD_T2	0	2	2	0	0.25	0.25	-1.05	-1.03	1	1	0	1200	1200	0
1/5/2024 10:49	56501 ROCK_T2	60	128	68	0.18	0.18	0	-1.66	-1.65	0	0	0	0	0	0
1/5/2024 10:50	57401 SPAN_T1	1	6	5	0.2	0.37	0.17	-1	-0.96	1	1	0	600	600	0
1/5/2024 10:50	40602 PIGR_T1	0	2	2	0	0.4	0.4	-0.49	-0.54	1	1	0	600	600	0
1/5/2024 10:51	64101 REFR_T1	0	0	0	0	0	0	-0.04	-0.04	0	0	0	0	0	0
1/5/2024 10:51	16101 BING_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1/5/2024 10:52	64101 REFR_T1	0	0	0	0	0	0	-0.11	-0.11	0	0	0	0	0	0
1/5/2024 10:52	67503 WEWI_T2	0	1	1	0	0.1	0.1	0	0	0	0	0	0	0	0
1/5/2024 10:53	56802 BENV_T2	1	21	20	0.6	0.24	-0.36	-1.17	-1.32	0	0	0	0	0	0
1/5/2024 10:53	57403 SPAN_T1	0	4	4	0	0.23	0.23	0.15	0.14	0	0	0	0	0	0
1/5/2024 10:54	29402 BELT_T1	2	2	0	3.5	4.05	0.55	0	0	0	0	0	0	0	0
1/5/2024 10:54	57403 SPAN_T1	0	4	4	0	0.23	0.23	0	0	0	0	0	0	0	0
1/5/2024 10:54	64101 REFR_T1	0	0	0	0	0	0	-0.04	0	0	0	0	0	0	0
1/5/2024 10:55	60803 BUCK_T1	0	1	1	0	0.1	0.1	-2.74	-1.52	2	2	0	1200	1200	0
1/5/2024 10:55	51102 CARL_T1	4	29	25	0.1	0.16	0.06	0	0	0	0	0	0	0	0
1/5/2024 10:55	67502 WEWI_T2	1	11	10	0.8	0.33	-0.47	-1.03	-1.03	1	1	0	900	900	0
1/5/2024 10:55	67502 WEWI_T2	1	11	10	0.8	0.33	-0.47	-1.03	-1.03	1	1	0	900	900	0
1/5/2024 10:55	46002 BERW_T2	0	1	1	0	0.2	0.2	0	0	0	0	0	0	0	0
1/5/2024 10:55	55105 WERT_T1	0	0	0	0	0	0	-0.46	-0.51	1	1	0	900	900	0
1/5/2024 10:55	64101 REFR_T1	0	0	0	0	0	0	-0.04	0	0	0	0	0	0	0
1/5/2024 10:55	56501 ROCK_T2	60	128	68	0.18	0.18	0	-1.65	-1.61	0	0	0	0	0	0
1/5/2024 10:56	29402 BELT_T1	2	2	0	3.5	4.05	0.55	0	0	0	0	0	0	0	0
1/5/2024 10:56	51108 CARL_T1	1	1	0	0.2	0.5	0.3	0	0	0	0	0	0	0	0
1/5/2024 10:57	10705 CATA_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1/5/2024 10:57	56802 BENV_T2	1	21	20	0.6	0.24	-0.36	-2.64	-2.53	0	0	0	0	0	0
1/5/2024 10:58	60803 BUCK_T1	0	1	1	0	0.1	0.1	-1.37	-0.76	1	1	0	600	600	0
1/5/2024 10:58	60101 COCA_T1	0	0	0	0	0	0	1.01	1.01	0	0	0	0	0	0
1/5/2024 10:58	40101 HUNT_T2	242	255	13	0.62	0.57	-0.05	-0.34	-0.37	0	0	0	0	0	0
1/5/2024 10:58	27101 GFLD_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1/5/2024 10:59	61801 EELI_T2	0	0	0	0	0	0	-0.27	-0.27	0	0	0	0	0	0
1/5/2024 10:59	46903 MNTG_T2	0	0	0	0	0	0	0.13	0.16	1	1	0	600	600	0
1/5/2024 11:00	46803 HEPB_T2	2	3	1	0.2	0.3	0.1	0	0	0	0	0	0	0	0
1/5/2024 11:00	42903 MIDD_T2	2	2	0	0.2	0.25	0.05	0	0	0	0	0	0	0	0
1/5/2024 11:00	45802 HEGI_T2	0	0	0	0	0	0	1.85	2.02	0	0	0	0	0	0
1/5/2024 11:00	40101 HUNT_T2	247	235	-12	0.64	0.45	-0.19	-0.34	-0.37	0	0	0	0	0	0
1/5/2024 11:01	45702 LIND_T2	2	3	1	0.1	0.93	0.83	-0.34	-0.38	0	0	0	0	0	0
1/5/2024 11:01	67605 WARW_T1	9	19	10	0.29	0.33	0.04	-1.25	-1.24	0	0	0	0	0	0
1/5/2024 11:02	64802 MONE_T2	5	10	5	0.32	0.33	0.01	0	0	0	0	0	0	0	0
1/5/2024 11:02	67605 WARW_T1	9	19	10	0.29	0.33	0.04	-1.25	-1.24	0	0	0	0	0	0
1/5/2024 11:02	59003 MIFF_T1	0	1	1	0	0.3	0.3	-1.74	-0.01	0	0	0	0	0	0
1/5/2024 11:03	64101 REFR_T1	0	0	0	0	0	0	-0.04	0	0	0	0	0	0	0
1/5/2024 11:03	67503 WEWI_T2	0	1	1	0	0.1	0.1	0	0	0	0	0	0	0	0
1/5/2024 11:03	60605 NCOL_T2	1	0	-1	0.2	0	-0.2	0	0	0	0	0	0	0	0
1/5/2024 11:04	40601 PIGR_T1	17	15	-2	0.19	0.19	0	0	0	0	0	0	0	0	0
1/5/2024 11:05	59101 WALK_T2	1	4	3	0	0.43	0.43	1.1	1.12	0	0	0	0	0	0
1/5/2024 11:05	44601 SALE_T2	0	0	0	0	0	0	0.07	0.07	0	0	0	0	0	0
1/5/2024 11:05	59003 MIFF_T1	0	1	1	0	0.3	0.3	-1.74	-0.01	0	0	0	0	0	0
1/5/2024 11:06	43402 BENT_T1	0	2	2	0	0.15	0.15	-0.89	-0.88	1	1	0	900	900	0
1/5/2024 11:06	59101 WALK_T2	1	4	3	0	0.43	0.43	3.29	3.35	0	0	0	0	0	0
1/5/2024 11:06	67001 STHI_T2	102	393	291	0.15	0.19	0.04	0	0	0	0	0	0	0	0
1/5/2024 11:06	65902 SAKR_T2	0	0	0	0	0	0	-0.61	-0.63	1	1	0	900	900	0
1/5/2024 11:06	46903 MNTG_T2	0	0	0	0	0	0	1.81	1.81	0	0	0	0	0	0
1/5/2024 11:07	52401 GRPA_T2	1	4	3	0.3	0.38	0.08	0	0	0	0	0	0	0	0
1/5/2024 11:07	59102 WALK_T2	5	3	-2	0.28	0.3	0.02	-0.32	-0.34	1	1	0	600	600	0
1/5/2024 11:07	57401 SPAN_T1	2	8	6	0.3	0.31	0.01	0	0	0	0	0	0	0	0
1/5/2024 11:07	43402 BENT_T1	0	2	2	0	0.15	0.15	-0.89	-0.88	1	1	0	900	900	0
1/5/2024 11:07	67001 STHI_T2	102	393	291	0.15	0.19	0.04	0	0	0	0	0	0	0	0
1/5/2024 11:08	57401 SPAN_T1	2	8	6	0.3	0.31	0.01	0	0	0	0	0	0	0	0
1/5/2024 11:08	61102 BERK_T5	0	1	1	0	0.1	0.1	0.87	0.89	1	1	0	300	300	0
1/5/2024 11:08	42601 TUSC_T1	0	0	0	0	0	0	-1.17	-0.02	2	1	-1	1800	600	-1200
1/5/2024 11:08	67002 STHI_T2	28	101	73	0.22	0.22	0	0.7	0.7	0	0	0	0	0	0
1/5/2024 11:08	46001 BERW_T1	0	0	0	0	0	0	1.07	1.02	0	0	0	0	0	0
1/5/2024 11:09	57403 SPAN_T1	1	15	14	0.1	0.22	0.12	0.14	0.15	0	0	0	0	0	0
1/5/2024 11:10	61801 EELI_T2	0	2	2	0	0.15	0.15	-0.54	-0.56	0	0	0	0	0	0
1/5/2024 11:10	46001 BERW_T1	0	0	0	0	0	0	1.07	1.02	0	0	0	0	0	0
1/5/2024 11:11	67605 WARW_T1	9	19	10	0.29	0.33	0.04	-1.24	-1.27	0	0	0	0	0	0
1/5/2024 11:11	52402 GRPA_T2	9	11	2	0.94	1.01	0.07	-0.93	-0.95	0	0	0	0	0	0
1/5/2024 11:11	52401 GRPA_T2	1	4	3	0.3	0.38	0.08	0	0	0	0	0	0	0	0
1/5/2024 11:12	41801 GOCI_T2	4	11	7	0.4	0.24	-0.16	0	0	0	0	0	0	0	0
1/5/2024 11:12	52403 GRPA_T2	23	60	37	0.4	0.42	0.02	0	0	0	0	0	0	0	0
1/5/2024 11:15	52002 LING_T2	0	1	1	0	0.2	0.2	-0.05	-0.06	0	0	0	0	0	0
1/5/2024 11:16	42903 MIDD_T2	2	2	0	0.25	0.2	-0.05	-0.93	-0.97	1	1	0	1200	1200	0
1/5/2024 11:16	40101 HUNT_T2	233	135	-98	0.62	0.42	-0.2	-0.75	-0.57	0	0	0	0	0	0
1/5/2024 11:17	45702 LIND_T2	2	4	2	0.25	0.85	0.6	-0.38	-0.45	0	0	0	0	0	0
1/5/2024 11:18	58302 NOTT_T1	0	0	0	0	0	0	-0.37	-0.41	1	1	0	1200	1200	0
1/5/2024 11:19	66902 SHIL_T2	6	1	-5	0.12	0.1	-0.02	0	0	0	0	0	0	0	0
1/5/2024 11:19	64101 REFR_T1	0	0	0	0	0	0	-0.04	0	0	0	0	0	0	0
1/5/2024 11:20	55002 NEWP_T1	9	9	0	1.26	1.32	0.06	-0.16	-0.15	0	0	0	0	0	0
1/5/2024 11:21	67605 WARW_T1	10	22	12	0.39	0.37	-0.02	-1.24	-1.27	1	0	0	0	0	0
1/5/2024 11:21	67502 WEWI_T2	9	1	-8	0.37	0.9	0.53	-2.06	-0.18	2	0	-2	1800	0	-1800
1/5/2024 11:21	52501 PROG_T1	2	0	-2	0.4	0	-0.4	0.4	0.41	1	1	0	300	300	0
1/5/2024 11:22	54206 PENN_T2	3	4	1	0.13	0.2	0.07	0	0	0	0	0	0	0	0
1/5/2024 11:22	67605 WARW_T1	10	22	12	0.39	0.37	-0.02	-1.24	-1.27	0	0	0	0	0	0
1/5/2024 11:22	67002 STHI_T2	97	45	-52	0.21	0.28	0.07	2.1	2.1	0	0	0	0	0	0
1/5/2024 11:23	67001 STHI_T2	385	225	-160	0.19	0.14	-0.05	0	0	0	0	0	0	0	0
1/5/2024 11:23	67503 WEWI_T2	1	0	-1	0.1	0	-0.1	0	0	0	0	0	0	0	0
1/5/2024 11:24	67503 WEWI_T2	1	0	-1	0.1	0	-0.1	0	0	0	0	0	0	0	0
1/5/2024 11:24	67001 STHI_T2	385	225	-160	0.19	0.14	-0.05	0	0	0	0	0	0	0	0
1/5/2024 11:24	27502 WEIS_T2	0	0	0	0	0	0	-0.33	-0.37	0	0	0	0	0	0
1/5/2024 11:24	46001 BERW_T1	0	0	0	0	0	0	1.02	0.94	0	0	0	0	0	0
1/5/2024 11:25	44301 BEAV_T2	1	1	0	0.2	0.2	0	-0.37	-0.43	2	2	0	1500	1500	0
1/5/2024 11:25	60201 ATGL_T2	0	0	0	0	0	0	0.32	0.29	1	1	0	300	300	0
1/5/2024 11:25	67605 WARW_T1	10	22	12	0.39	0.37	-0.02	-1.27	-1.29	0	0	0	0	0	0
1/5/2024 11:26	43402 BENT_T1	0	2	2	0	0.15	0.15	-0.87	-0.87	1	1	0	900	900	0
1/5/2024 11:26	54503 ENOL_T2	0	1	1	0	0.1	0.1	0	0	0	0	0	0	0	0
1/5/2024 11:26	46001 BERW_T1	0	0	0	0	0	0	1.02	0.94	0	0	0	0	0	0
1/5/2024 11:27	54505 ENOL_T2	1	2	1	0.9	0.7	-0.2	0	0	0	0	0	0	0	0
1/5/2024 11:27	43402 BENT_T1	0	2	2	0	0.15	0.15	-0.87	-0.87	1	1	0	900	900	0
1/5/2024 11:28	54502 ENOL_T2	1	1	0	0.4	0.4	0	-1.98	-1.98	1	1	0	600	600	0
1/5/2024 11:29	66703 STRA_T1	2	8	6	0.35	0.35	0	0	0	0	0	0	0	0	0
1/5/2024 11:29	63404 HONY_T1	2	2	0	6.85	6.4	-0.45	0	0	0	0	0	0	0	0
1/5/2024 11:32	47403 PENS_T1	1	4	3	1.7	0.78	-0.92	0	0	0	0	0	0	0	0
1/5/2024 11:33	13704 SCHN_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1/5/2024 11:33	52101 MEIS_T1	2	2	0	0	0.5	0.5	0	0	0	0	0	0	0	0
1/5/2024 11:33	47403 PENS_T1	1	4	3	1.7	0.78	-0.92	0	0	0	0	0	0	0	0
1/5/2024 11:33	54206 PENN_T2	3	2	-1	0.23	0.1	-0.13	0	0	0	0	0	0	0	0
1/5/2024 11:34	56501 ROCK_T2	2	2	0	0.4	0.15	-0.25	-1.52	-1.6	0	0	0	0	0	0
1/5/2024 11:34	47403 PENS_T1	1	4	3	1.7	0.78	-0.92	0	0	0	0	0	0	0	0
1/5/2024 11:34	58302 NOTT_T1	0	0	0	0	0	0	-0.41	-0.4	1	1	0	1200	1200	0
1/5/2024 11:35	56501 ROCK_T2	2	2	0	0.4	0.15	-0.25	-1.52	-1.6	0	0	0	0	0	0
1/5/2024 11:35	47403 PENS_T1	1	4	3	1.7	0.78	-0.92	0	0	0	0	0	0	0	0
1/5/2024 11:36	56501 ROCK_T2	2	2	0	0.4	0.15	-0.25	0	0	0	0	0	0	0	0
1/5/2024 11:36	67602 WARW_T2	0	0	0	0	0	0	0.56	0.54	0	0	0	0	0	0
1/5/2024 11:37	56501 ROCK_T2	2	2	0	0.4	0.15	-0.25	-0.76	-0.8	0	0	0	0	0	0
1/5/2024 11:37	54206 PENN_T2	3	2	-1	0.23	0.1	-0.13	0	0	0	0	0	0	0	0
1/5/2024 11:37	56504 ROCK_T2	0	1	1	0	0.2	0.2	-0.2	-0.04	0	0	0	0	0	0
1/5/2024 11:37	13704 SCHN_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1/5/2024 11:37	67605 WARW_T1	17	32	15	0.32	0.36	0.04	-1.27	-1.29	0	0	0	0	0	0
1/5/2024 11:38	56504 ROCK_T2	0	1	1	0	0.2	0.2	0	0	0	0	0	0	0	0
1/5/2024 11:38	67602 WARW_T2	0	0	0	0	0	0	0.56	0.54	0	0	0	0	0	0
1/5/2024 11:38	44301 BEAV_T2	0	2	2	0	0.3	0.3	-0.43	-0.5	2	2	0	1500	1500	0
1/5/2024 11:38	49803 UNIV_T1	0	1	1	0	0.2	0.2	-1	-0.98	0	0	0	0	0	0
1/5/2024 11:39	56504 ROCK_T2	0	1	1	0	0.2	0.2	0	0	0	0	0	0	0	0
1/5/2024 11:39	60101 COCA_T1	0	3	3	0	0.17	0.17	0.48	0.46	0	0	0	0	0	0
1/5/2024 11:39	67901 WNHO_T2	0	0	0	0	0	0	0.14	0.22	1	1	0	900	900	0
1/5/2024 11:40	67605 WARW_T1	17	32	15	0.32	0.36	0.04	-1.29	-1.35	0	0	0	0	0	0
1/5/2024 11:41	67605 WARW_T1	17	32	15	0.32	0.36	0.04	-1.29	-1.35	0	0	0	0	0	0
1/5/2024 11:41	60101 COCA_T1	0	3	3	0	0.17	0.17	0.97	0.91	0	0	0	0	0	0
1/5/2024 11:42	67605 WARW_T1	17	32	15	0.32	0.36	0.04	-1.29	-1.35	0	0	0	0	0	0
1/5/2024 11:42	44301 BEAV_T2	0	2	2	0	0.3	0.3	-0.43	-0.5	2	2	0	1500	1500	0
1/5/2024 11:42	54502 ENOL_T2	1	0	-1	0.4	0	-0.4	-1.98	-1.9	1	1	0	600	600	0
1/5/2024 11:43	54505 ENOL_T2	2	2	0	0.7	0.5	-0.2	-1.16	-1.16	1	1	0	600	600	0
1/5/2024 11:43	65003 NEFF_T2	0	5	5	0	0.24	0.24	0	0	0	0	0	0	0	0
1/5/2024 11:43	54505 ENOL_T2	2	2	0	0.7	0.5	-0.2	-1.16	-1.16	1	1	0	600	600	0
1/5/2024 11:45	42903 MIDD_T2	2	3	1	0.2	0.23	0.03	-1.04	-0.92	1	1	0	1200	1200	0
1/5/2024 11:45	52006 LING_T2	3	3	0	0.37	0.53	0.16	0	0	0	0	0	0	0	0
1/5/2024 11:45	13503 MCMI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1/5/2024 11:46	43402 BENT_T1	0	2	2	0	0.2	0.2	-0.87	-0.89	1	1	0	900	900	0
1/5/2024 11:46	60101 COCA_T1	0	3	3	0	0.17	0.17	0.48	0.46	0	0	0	0	0	0
1/5/2024 11:46	42903 MIDD_T2	2	3	1	0.2	0.23	0.03	-1.04	-0.92	1	1	0	1200	1200	0
1/5/2024 11:47	42903 MIDD_T2	2	3	1	0.2	0.23	0.03	0	0	0	0	0	0	0	0
1/5/2024 11:47	13302 ORVI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1/5/2024 11:47	43402 BENT_T1	0	2	2	0	0.2	0.2	-0.87	-0.89	1	1	0	900	900	0
1/5/2024 11:48	41901 REED_T1	11	11	0	0.69	0.72	0.03	0	0	0	0	0	0	0	0
1/5/2024 11:48	64303 LINC_T1	1	1	0	0.1	0.1	0	0	0	0	0	0	0	0	0
1/5/2024 11:48	64203 KINZ_T1	0	0	0	0	0	0	-0.19	0.33	3	2	-1	2100	1800	-300
1/5/2024 11:48	42902 MIDD_T2	5	5	0	0.38	0.76	0.38	0	0	0	0	0	0	0	0
1/5/2024 11:49	16101 BING_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1/5/2024 11:49

1/5/2024 12:18	39601 LNFD_T1	2	22	20	0.3	0.33	0.03	0	0	0	0	0	0	0	0
1/5/2024 12:19	47401 PENS_T1	40	30	-10	0.34	0.3	-0.04	0.84	0.86	0	0	0	0	0	0
1/5/2024 12:20	65004 NEFF_T2	1	1	0	0.8	0.9	0.1	0	0	0	0	0	0	0	0
1/5/2024 12:20	47401 PENS_T1	40	30	-10	0.34	0.3	-0.04	1.68	1.72	0	0	0	0	0	0
1/5/2024 12:21	47403 PENS_T1	8	7	-1	0.49	0.83	0.34	0	0	0	0	0	0	0	0
1/5/2024 12:21	51702 OBER_T1	3	3	0	2.13	2.2	0.07	-0.02	-0.03	0	0	0	0	0	0
1/5/2024 12:21	67605 WARW_T1	41	44	3	0.33	0.4	0.07	-1.1	-1.13	0	0	0	0	0	0
1/5/2024 12:22	67604 WARW_T1	1	1	0	0.2	0.4	0.2	0	0	0	0	0	0	0	0
1/5/2024 12:24	52101 MEIS_T1	1	1	0	0.4	0.8	0.4	0	0	0	0	0	0	0	0
1/5/2024 12:25	44301 BEAV_T2	0	0	0	0	0	0	-0.23	0.38	1	1	0	600	600	0
1/5/2024 12:26	43402 BENT_T1	1	2	1	0.1	0.25	0.15	-0.89	-0.9	1	1	0	900	900	0
1/5/2024 12:27	43402 BENT_T1	1	2	1	0.1	0.25	0.15	-0.89	-0.9	1	1	0	900	900	0
1/5/2024 12:28	60101 COCA_T1	1	1	0	0.1	0.1	0	1.27	1.15	0	0	0	0	0	0
1/5/2024 12:30	42902 MIDD_T2	4	2	-2	0.65	0.1	-0.55	0	0	0	0	0	0	0	0
1/5/2024 12:31	65005 NEFF_T2	1	1	0	0.5	0.6	0.1	0	0	0	0	0	0	0	0
1/5/2024 12:32	60604 NCOL_T2	0	0	0	0	0	0	0.31	0.25	0	0	0	0	0	0
1/5/2024 12:33	42903 MIDD_T2	3	0	-3	0.37	0	-0.37	-1.86	-1.77	2	2	0	2400	2400	0
1/5/2024 12:34	42903 MIDD_T2	3	0	-3	0.37	0	-0.37	0	0	0	0	0	0	0	0
1/5/2024 12:36	16302 ALPA_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1/5/2024 12:36	53903 HAU_T2	3	3	0	1.07	1.27	0.2	-0.13	-0.13	0	0	0	0	0	0
1/5/2024 12:36	67602 WARW_T2	0	0	0	0	0	0	0.52	0.54	0	0	0	0	0	0
1/5/2024 12:37	58302 NOTT_T1	0	0	0	0	0	0	-0.47	-0.44	1	1	0	1200	1200	0
1/5/2024 12:38	16302 ALPA_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1/5/2024 12:39	67604 WARW_T1	1	1	0	0.4	0.3	-0.1	0	0	0	0	0	0	0	0
1/5/2024 12:39	16302 ALPA_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1/5/2024 12:39	67602 WARW_T2	0	0	0	0	0	0	0.54	0.54	0	0	0	0	0	0
1/5/2024 12:41	67605 WARW_T1	35	62	27	0.38	0.43	0.05	-1.19	-1.22	0	0	0	0	0	0
1/5/2024 12:41	16302 ALPA_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1/5/2024 12:42	67604 WARW_T1	1	1	0	0.4	0.3	-0.1	0	0	0	0	0	0	0	0
1/5/2024 12:43	52101 MEIS_T1	1	1	0	0.8	0.7	-0.1	0	0	0	0	0	0	0	0
1/5/2024 12:46	43402 BENT_T1	0	1	1	0	0.4	0.4	-0.9	-0.91	1	1	0	900	900	0
1/5/2024 12:47	65003 NEFF_T2	5	7	2	0.32	0.41	0.09	0	0	0	0	0	0	0	0
1/5/2024 12:47	43402 BENT_T1	0	1	1	0	0.4	0.4	-0.9	-0.91	1	1	0	900	900	0
1/5/2024 12:50	47401 PENS_T1	1	1	0	1.5	1	-0.5	0.79	0.75	0	0	0	0	0	0
1/5/2024 12:50	14801 TREI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1/5/2024 12:51	14403 SSLA_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1/5/2024 12:52	47403 PENS_T1	1	1	0	1.8	1.9	0.1	0	0	0	0	0	0	0	0
1/5/2024 12:52	67604 WARW_T1	1	1	0	0.3	0.2	-0.1	0	0	0	0	0	0	0	0
1/5/2024 12:53	67605 WARW_T1	42	67	25	0.4	0.43	0.03	-1.19	-1.22	0	0	0	0	0	0
1/5/2024 13:00	52006 LING_T2	3	3	0	0.27	0.6	0.33	0	0	0	0	0	0	0	0
1/5/2024 13:01	65005 NEFF_T2	1	1	0	0.3	0.2	-0.1	0	0	0	0	0	0	0	0
1/5/2024 13:03	52102 MEIS_T1	1	2	1	0.2	0.7	0.5	0	0	1	1	0	450	450	0
1/5/2024 13:04	41902 REED_T1	0	1	1	0	0.4	0.4	0.69	0.72	2	2	0	1800	1800	0
1/5/2024 13:06	43402 BENT_T1	1	1	0	0.2	0.5	0.3	-0.91	-0.9	1	1	0	900	900	0
1/5/2024 13:06	48302 ORWI_T2	2	2	0	0.7	1.1	0.4	0.13	0.1	0	0	0	0	0	0
1/5/2024 13:07	43402 BENT_T1	1	1	0	0.2	0.5	0.3	-0.91	-0.9	1	1	0	900	900	0
1/5/2024 13:08	65005 NEFF_T2	1	1	0	0.3	0.2	-0.1	0	0	0	0	0	0	0	0
1/5/2024 13:09	10705 CATA_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1/5/2024 13:12	11104 EGYP_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1/5/2024 13:12	11101 EGYP_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1/5/2024 13:13	11104 EGYP_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1/5/2024 13:17	65503 MOJO_T2	0	0	0	0	0	0	-0.29	-0.28	0	0	0	0	0	0
1/5/2024 13:18	41901 REED_T1	11	11	0	0.6	0.85	0.25	0	0	0	0	0	0	0	0
1/5/2024 13:18	13704 SCHN_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1/5/2024 13:19	64902 MILL_T2	0	0	0	0	0	0	-0.65	-0.69	1	1	0	900	900	0
1/5/2024 13:19	65503 MOJO_T2	0	0	0	0	0	0	-0.29	-0.28	0	0	0	0	0	0
1/5/2024 13:20	41901 REED_T1	11	11	0	0.6	0.85	0.25	0	0	0	0	0	0	0	0
1/5/2024 13:26	61304 EARL_T1	1	1	0	0.3	0.3	0	0	0	0	0	0	0	0	0
1/5/2024 13:26	43402 BENT_T1	1	1	0	0.4	0.5	0.1	-0.88	-0.9	1	1	0	900	900	0
1/5/2024 13:27	43402 BENT_T1	1	1	0	0.4	0.5	0.1	-0.88	-0.9	1	1	0	900	900	0
1/5/2024 13:29	61303 EARL_T1	0	0	0	0	0	0	0.67	0.75	0	0	0	0	0	0
1/5/2024 13:30	61505 EPET_T1	0	0	0	0	0	0	0.37	0.35	0	0	0	0	0	0
1/5/2024 13:31	61505 EPET_T1	0	0	0	0	0	0	0.37	0.35	0	0	0	0	0	0
1/5/2024 13:34	65803 RTWN_T2	1	0	-1	0.1	0	-0.1	0	0	0	0	0	0	0	0
1/5/2024 13:34	57403 SPAN_T1	8	18	10	0.26	0.31	0.05	0.14	0.12	0	0	0	0	0	0
1/5/2024 13:38	14403 SSLA_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1/5/2024 13:44	65002 NEFF_T2	2	20	18	0.1	0.14	0.04	0	0	0	0	0	0	0	0
1/5/2024 13:46	43402 BENT_T1	1	1	0	0.2	0.2	0	-0.9	-0.9	1	1	0	900	900	0
1/5/2024 13:46	13503 MCMI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1/5/2024 13:47	43402 BENT_T1	1	1	0	0.2	0.2	0	-0.9	-0.9	1	1	0	900	900	0
1/5/2024 13:55	54206 PENN_T2	3	5	2	0.1	0.16	0.06	0	0	0	0	0	0	0	0
1/5/2024 13:57	61303 EARL_T1	0	0	0	0	0	0	0.76	0.66	0	0	0	0	0	0
1/5/2024 14:04	52006 LING_T2	3	3	0	0.77	0.57	-0.2	0	0	0	0	0	0	0	0
1/5/2024 14:06	59102 WALK_T2	0	2	2	0	0.15	0.15	0	0	0	0	0	0	0	0
1/5/2024 14:06	43402 BENT_T1	1	1	0	0.2	0.2	0	-0.9	-0.91	1	1	0	900	900	0
1/5/2024 14:06	16302 ALPA_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1/5/2024 14:07	43401 BENT_T1	0	2	2	0	0	0	0	0	0	0	0	0	0	0
1/5/2024 14:08	60701 BREC_T1	2	2	0	0.45	0.45	0	-0.13	-0.2	1	1	0	600	600	0
1/5/2024 14:08	16302 ALPA_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1/5/2024 14:09	60701 BREC_T1	2	2	0	0.45	0.45	0	-0.2	-0.33	1	1	0	600	600	0
1/5/2024 14:10	59102 WALK_T2	0	2	2	0	0.15	0.15	0	0	0	0	0	0	0	0
1/5/2024 14:10	27502 WEIS_T2	0	0	0	0	0	0	-0.48	-0.54	0	0	0	0	0	0
1/5/2024 14:12	60201 ATGL_T2	0	0	0	0	0	0	0.2	0.3	1	1	0	300	300	0
1/5/2024 14:13	61303 EARL_T1	0	0	0	0	0	0	0.66	0.57	0	0	0	0	0	0
1/5/2024 14:14	46801 HEPB_T2	2	3	1	0.15	0.15	0	0.57	0.62	0	0	0	0	0	0
1/5/2024 14:14	41801 GOCI_T2	1	19	18	0.8	0.22	-0.58	0	0	0	0	0	0	0	0
1/5/2024 14:14	40101 HUNT_T2	47	39	-8	0.46	0.46	0	-0.73	-0.63	0	0	0	0	0	0
1/5/2024 14:14	63602 LETO_T1	10	98	88	0.1	0.21	0.11	-0.53	-0.48	0	0	0	0	0	0
1/5/2024 14:14	61801 EEU_T2	0	0	0	0	0	0	-0.8	-0.66	0	0	0	0	0	0
1/5/2024 14:14	12701 MACU_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1/5/2024 14:15	64702 LITI_T2	0	0	0	0	0	0	-0.75	-0.8	0	0	0	0	0	0
1/5/2024 14:16	41801 GOCI_T2	4	50	46	0.35	0.21	-0.14	0	0	0	0	0	0	0	0
1/5/2024 14:16	59002 MIFF_T1	6	4	-2	0.33	0.23	-0.1	0	0	0	0	0	0	0	0
1/5/2024 14:16	61505 EPET_T1	0	0	0	0	0	0	0.33	0.32	0	0	0	0	0	0
1/5/2024 14:16	64801 MONE_T2	1	2	1	0.4	0.25	-0.15	0.39	0.34	0	0	0	0	0	0
1/5/2024 14:17	59002 MIFF_T1	6	4	-2	0.33	0.23	-0.1	0	0	0	0	0	0	0	0
1/5/2024 14:17	63602 LETO_T1	89	90	1	0.2	0.21	0.01	-0.53	-0.48	0	0	0	0	0	0
1/5/2024 14:18	65001 NEFF_T2	262	253	-9	0.39	0.32	-0.07	-1.09	-1.05	1	1	0	1200	1200	0
1/5/2024 14:18	59003 MIFF_T1	1	0	-1	0.5	0	-0.5	-0.15	0.55	0	0	0	0	0	0
1/5/2024 14:18	64702 LITI_T2	0	0	0	0	0	0	-0.75	-0.8	0	0	0	0	0	0
1/5/2024 14:19	64702 LITI_T2	0	0	0	0	0	0	-0.75	-0.8	0	0	0	0	0	0
1/5/2024 14:19	56501 ROCK_T2	0	1	1	0	0.1	0.1	-0.84	-0.77	0	0	0	0	0	0
1/5/2024 14:19	59002 MIFF_T1	6	4	-2	0.33	0.23	-0.1	0	0	0	0	0	0	0	0
1/5/2024 14:19	56501 ROCK_T2	0	1	1	0	0.1	0.1	-0.84	-0.77	0	0	0	0	0	0
1/5/2024 14:20	65002 NEFF_T2	27	6	-21	0.12	0.13	0.01	0	0	0	0	0	0	0	0
1/5/2024 14:20	47403 PENS_T1	1	1	0	1.7	2.1	0.4	0	0	0	0	0	0	0	0
1/5/2024 14:20	64801 MONE_T2	1	2	1	0.4	0.25	-0.15	0	0	0	0	0	0	0	0
1/5/2024 14:20	56501 ROCK_T2	0	1	1	0	0.1	0.1	-0.84	-0.77	0	0	0	0	0	0
1/5/2024 14:20	64101 REFR_T1	1	0	-1	0.2	0	-0.2	-0.05	-0.08	0	0	0	0	0	0
1/5/2024 14:21	65002 NEFF_T2	27	6	-21	0.12	0.13	0.01	0	0	0	0	0	0	0	0
1/5/2024 14:21	16302 ALPA_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1/5/2024 14:21	47401 PENS_T1	1	3	2	0.9	0.53	-0.37	0.82	0.75	0	0	0	0	0	0
1/5/2024 14:21	56501 ROCK_T2	0	1	1	0	0.1	0.1	-1.67	-1.53	0	0	0	0	0	0
1/5/2024 14:22	56501 ROCK_T2	0	1	1	0	0.1	0.1	-1.67	-1.53	0	0	0	0	0	0
1/5/2024 14:22	50502 MECH_T1	1	1	0	2	1.8	-0.2	0	0	0	0	0	0	0	0
1/5/2024 14:22	67502 WEWI_T2	2	2	0	0.9	0.6	-0.3	-0.29	-0.33	0	0	0	0	0	0
1/5/2024 14:23	60701 BREC_T1	2	2	0	0.3	0.45	0.15	-0.4	-0.66	2	2	0	1200	1200	0
1/5/2024 14:23	67502 WEWI_T2	2	2	0	0.9	0.6	-0.3	-0.29	-0.33	0	0	0	0	0	0
1/5/2024 14:23	16302 ALPA_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1/5/2024 14:23	56501 ROCK_T2	0	1	1	0	0.1	0.1	-0.84	-0.77	0	0	0	0	0	0
1/5/2024 14:24	20401 ASHF_T2	1	1	0	0.1	0.2	0.1	0	0	0	0	0	0	0	0
1/5/2024 14:24	16302 ALPA_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1/5/2024 14:24	60701 BREC_T1	2	2	0	0.3	0.45	0.15	-0.33	-0.07	1	1	0	600	600	0
1/5/2024 14:25	67503 WEWI_T2	0	0	0	0	0	0	-0.1	-0.18	0	0	0	0	0	0
1/5/2024 14:25	67503 WEWI_T2	0	0	0	0	0	0	-0.1	-0.18	0	0	0	0	0	0
1/5/2024 14:26	43402 BENT_T1	1	0	-1	0.2	0	-0.2	-0.91	-0.91	1	1	0	900	900	0
1/5/2024 14:26	67503 WEWI_T2	0	0	0	0	0	0	-0.1	-0.18	0	0	0	0	0	0
1/5/2024 14:26	20401 ASHF_T2	1	1	0	0.1	0.2	0.1	0	0	0	0	0	0	0	0
1/5/2024 14:26	67503 WEWI_T2	0	0	0	0	0	0	-0.1	-0.18	0	0	0	0	0	0
1/5/2024 14:26	28604 BLYT_T2	0	0	0	0	0	0	-1.42	-1.46	0	0	0	0	0	0
1/5/2024 14:27	43401 BENT_T1	0	2	2	0	0	0	0	0	0	0	0	0	0	0
1/5/2024 14:29	54505 ENOL_T2	2	1	-1	0.65	1	0.35	0	0	0	0	0	0	0	0
1/5/2024 14:29	63804 HEMP_T1	1	7	6	6.2	6.2	0	0.88	0.88	0	0	0	0	0	0
1/5/2024 14:30	12701 MACU_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1/5/2024 14:30	66702 STRA_T1	0	0	0	0	0	0	0.06	0.01	3	3	0	2700	2700	0
1/5/2024 14:30	64702 LITI_T2	0	0	0	0	0	0	-0.8	-0.67	0	0	0	0	0	0
1/5/2024 14:30	63602 LETO_T1	90	0	-90	0.21	0	-0.21	-0.48	-0.56	0	0	0	0	0	0
1/5/2024 14:31	12701 MACU_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1/5/2024 14:31	55002 NEWP_T1	7	7	0	0.83	0.57	-0.26	-0.19	-0.22	0	0	0	0	0	0
1/5/2024 14:31	64702 LITI_T2	0	0	0	0	0	0	-0.8	-0.67	0	0	0	0	0	0
1/5/2024 14:32	63602 LETO_T1	90	0	-90	0.21	0	-0.21	-0.48	-0.56	0	0	0	0	0	0
1/5/2024 14:34	57602 RUTH_T2	0	0	0	0	0	0	0.1	0.08	0	0	0	0	0	0
1/5/2024 14:34	42802 SELI_T1	1	1	0	0.6	0.8	0.2	-2.59	-2.68	0	0	0	0	0	0
1/5/2024 14:34	56501 ROCK_T2	1	1	1	0.1	0.3	0.2	-0.77	-0.81	0	0	0	0	0	0
1/5/2024 14:34	41901 REED_T1	11	11	0	0.85	0.4	-0.45	0	0	0	0	0	0	0	0
1/5/2024 14:34	55002 NEWP_T1	7	7	0	0.83	0.57	-0.26	-0.19	-0.22	0	0	0	0	0	0
1/5/2024 14:34	64101 REFR_T1	0	0	0	0	0	0	-0.08	-0.07	0	0	0	0	0	0
1/5/2024 14:35	52501 PROG_T1	0	0	0	0	0	0	0.36	0.34	1	1	0	300	300	0
1/5/2024 14:35	47403 PENS_T1	1	1	0	2.1	2.5	0.4	0	0	0	0	0	0	0	0
1/5/2024 14:35	55002 NEWP_T1	7	7	0	0.83	0.57	-0.26	-0.19	-0.22	0	0	0	0	0	0
1/5/2024 14:35	44601 SALE_T2	0	0	0	0	0	0	-0.03	-0.05	0	0	0	0	0	0
1/5/2024 14:36	41902 REED_T1	0	0	0	0	0	0	0.52	1.16	0	0	0	0	0	0
1/5/2024 14:36	67502 WEWI_T2	2	1	-1	0.6	0.3	-0.3	0	0	0	0	0	0	0	0
1/5/2024 14:36	42201 SHEN_T2	0	0	0	0	0	0	0.03	0.03	1	1	0	600	600	0
1/5/2024 14:36	56501 ROCK_T2	1	1	0	0.1	0.3	0.2	-0.77	-0.81	0	0	0	0	0	0
1/5/2024 14:37	57401 SPAN_T1	2	0	-2	0.9	0	-0.9	0	0	0	0	0	0	0	0
1/5/2024 14:37	16302 ALPA_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1/5/2024 14:37	59101 WALK_T2	1	1	0	0	0	0	2.16	2.28	0	0	0	0	0	0
1/5/2024 14:37	60201 ATGL_T2	0	0	0	0	0	0	0.3	0.14	1	1	0	300	300	0
1/5/2024 14:38	15001 BLMO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1/5/2024 14:39	67502 WEWI_T2	2	1	-1	0.6	0.3	-0.3	-0.65	-0.76	0	0	0	0	0	0
1/5/2024 14:39	49803 UNIV_T1	0	0	0	0	0	0	-0.99	-1.04	0	0	0	0	0	0
1/5/2024 14:39	16302 ALPA_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1/5/2024 14:40	67502 WEWI_T2	2	1	-1	0.6	0.3	-0.3	-0.33	-0.38	0	0	0	0	0	0
1/5/2024 14:40	55002 NEWP_T1	7	7	0	0.83	0.57	-0.26	-0.22	-0.23	0	0	0	0	0	0
1/5/2024 14:41	67503 WEWI_T2	0	0	0	0	0	0	-0.18	-0.29	0	0	0	0	0	0
1/5/2024 14:41	16302 ALPA_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1/5/2024 14:41	57601 RUTH_T2	1	1	0	0	0	0	0	0	0	0	0	0	0	0
1/5/2024 14:42	41801 GOCI_T2	18	106	88	0.22	0.24	0.02	0	0	0	0	0	0	0	0
1/5/2024 14:42	60201 ATGL_T2	0	0	0	0	0	0	0.14	0.12	1	1	0	300	300	0
1/5/2024 14:44	62607 ENGL_T1	0	0	0	0	0	0	-0.68	-0.68	0	0	0	0	0	0
1/5/2024 14:46	12701 MACU_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1/5/2024 14:46	43402 BENT_T1	0	0	0	0	0	0	-0.91	-0.89	1	1	0	900	900	0
1/5/2024 14:46	46903 MNTG_T2	91	5	-86	0.21	0.2	-0.01	0	-0.04	1	1	0	600	600	0
1/5/2024 14:47	55002 NEWP_T1	6	6	0	0.48	0.62	0.14	-0.22	-0.23	0	0	0	0	0	0
1/5/2024 14:47	43402 BENT_T1	0	0	0	0	0	0	-0.91	-0.89	1	1	0	900	900	0
1/5/2024 14:47	40902 JESH_T1	0	0	0	0	0	0	-1.39	-1.39	1	1	0	600	600	0
1/5/2024 14:47	47403 PENS_T1	1	1	0	1.6	2.5	0.9	0	0	0	0	0	0	0	0
1/5/2024 14:47	12701 MACU_T1	0	0

1/5/2024 16:02	47901 HRDG_T1	0	0	0	0	0	0	1.24	1.4	0	0	0	0	0	0
1/5/2024 16:03	64204 KINZ_T1	1	1	0	0.8	0.9	0.1	0	0	0	0	0	0	0	0
1/5/2024 16:05	66503 SMAN_T2	0	2	2	0	0.1	0.1	0	0	0	0	0	0	0	0
1/5/2024 16:08	66503 SMAN_T2	0	2	2	0	0.1	0.1	0	0	0	0	0	0	0	0
1/5/2024 16:09	59101 WALK_T2	1	1	0	0	0	0	1.57	1.5	0	0	0	0	0	0
1/5/2024 16:10	59101 WALK_T2	1	1	0	0	0	0	3.14	3	0	0	0	0	0	0
1/5/2024 16:11	53601 DALM_T2	1	1	0	0.6	0.1	-0.5	-0.7	-0.69	1	1	0	600	600	0
1/5/2024 16:22	65003 NEFF_T2	4	3	-1	0.33	0.1	-0.23	0	0	0	0	0	0	0	0
1/5/2024 16:40	40502 CRES_T2	6	4	-2	0.27	0.1	-0.17	-0.34	-0.25	0	0	0	0	0	0
1/5/2024 16:42	40502 CRES_T2	6	4	-2	0.27	0.1	-0.17	-0.34	-0.25	0	0	0	0	0	0
1/5/2024 16:43	65001 NEFF_T2	53	10	-43	0.13	0.14	0.01	-1.12	-1.23	1	1	0	1200	1200	0
1/5/2024 16:47	43202 MVIL_T2	0	0	0	0	0	0	-0.63	-0.63	0	0	0	0	0	0
1/5/2024 16:52	43202 MVIL_T2	0	0	0	0	0	0	-0.63	-0.63	0	0	0	0	0	0
1/5/2024 17:04	65001 NEFF_T2	8	87	79	0.15	0.14	-0.01	-1.23	-1.23	1	1	0	1200	1200	0
1/5/2024 17:10	42701 AUGU_T1	6	9	3	0.87	0.2	-0.67	0	0	1	1	0	600	600	0
1/5/2024 17:19	65001 NEFF_T2	87	7	-80	0.14	0.16	0.02	-1.23	-1.21	1	1	0	1200	1200	0
1/5/2024 18:12	65001 NEFF_T2	0	3	3	0	0.1	0.1	-1.21	-1.17	1	1	0	1200	1200	0
1/5/2024 18:45	27101 GFLD_T2	1	0	-1	0.3	0	-0.3	-0.25	-0.26	1	1	0	600	600	0
1/5/2024 18:45	62604 ENGL_T1	1	0	-1	0.2	0	-0.2	0	0	0	0	0	0	0	0
1/5/2024 18:46	44901 SCOT_T2	0	0	0	0	0	0	-0.05	0.02	0	0	0	0	0	0
1/5/2024 18:46	15604 NSTR_T1	4	11	7	1.2	0.91	-0.29	-0.46	-0.42	0	0	0	0	0	0
1/5/2024 18:48	29401 BELT_T1	23	42	19	0.2	0.21	0.01	0	0	0	0	0	0	0	0
1/5/2024 18:49	16301 ALPA_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1/5/2024 18:49	16102 BING_T2	0	1	1	0	0	0	0	0	0	0	0	0	0	0
1/5/2024 18:50	40101 HUNT_T2	326	416	90	0.82	0.87	0.05	-0.58	-0.52	0	0	0	0	0	0
1/5/2024 18:50	16402 MOPO_T1	3	3	0	0.77	0	-0.77	0.24	0.22	0	0	0	0	0	0
1/5/2024 18:50	42902 MIDD_T2	29	0	-29	0.6	0	-0.6	0	0	0	0	0	0	0	0
1/5/2024 18:50	43402 BENT_T1	0	4	4	0	0	0	-0.9	-0.88	1	1	0	900	900	0
1/5/2024 18:50	44901 SCOT_T2	0	0	0	0	0	0	-0.05	0.02	0	0	0	0	0	0
1/5/2024 18:50	27502 WEIS_T2	0	0	0	0	0	0	-0.4	-0.38	0	0	0	0	0	0
1/5/2024 18:51	16402 MOPO_T1	3	3	0	0.77	0	-0.77	0.24	0.22	0	0	0	0	0	0
1/5/2024 18:51	16302 ALPA_T2	0	0	0	0	0	0	0	0	1	1	0	0	0	0
1/5/2024 18:51	49803 UNIV_T1	0	0	0	0	0	0	-0.99	-0.98	0	0	0	0	0	0
1/5/2024 18:51	45501 DERR_T2	1	0	-1	0.1	0	-0.1	0.68	0.66	2	2	0	1800	1800	0
1/5/2024 18:52	29401 BELT_T1	23	42	19	0.2	0.21	0.01	0	0	1	1	0	900	900	0
1/5/2024 18:52	29401 BELT_T1	23	42	19	0.2	0.21	0.01	0	0	1	1	0	900	900	0
1/5/2024 18:52	45501 DERR_T2	1	0	-1	0.1	0	-0.1	0.68	0.66	2	2	0	1800	1800	0
1/5/2024 18:52	16302 ALPA_T2	0	0	0	0	0	0	-0.63	-0.51	0	0	0	0	0	0
1/5/2024 18:52	64702 LITI_T2	0	0	0	0	0	0	-0.59	-0.74	0	0	0	0	0	0
1/5/2024 18:52	39601 LNFD_T1	0	11	11	0	0	0	0	0	1	1	0	900	900	0
1/5/2024 18:52	46903 MNTG_T2	0	0	0	0	0	0	-0.38	-0.39	1	1	0	600	600	0
1/5/2024 18:52	27502 WEIS_T2	0	0	0	0	0	0	-0.4	-0.38	0	0	0	0	0	0
1/5/2024 18:53	65001 NEFF_T2	4	225	221	0.1	0.25	0.15	0	0	0	0	0	0	0	0
1/5/2024 18:53	67503 WEWI_T2	0	0	0	0	0	0	-0.06	-0.01	0	0	0	0	0	0
1/5/2024 18:53	64204 KINZ_T1	1	1	0	1	0.8	-0.2	0	0	0	0	0	0	0	0
1/5/2024 18:53	66501 SMAN_T2	0	3	3	0	0.2	0.2	0	0	0	0	0	0	0	0
1/5/2024 18:53	42001 MNVL_T2	0	0	0	0	0	0	0.19	0.17	0	0	0	0	0	0
1/5/2024 18:53	66504 SMAN_T2	0	0	0	0	0	0	-0.74	-0.78	0	0	0	0	0	0
1/5/2024 18:53	46903 MNTG_T2	0	0	0	0	0	0	-0.39	-0.35	1	1	0	600	600	0
1/5/2024 18:53	11104 EGYP_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1/5/2024 18:53	67605 WARW_T1	0	0	0	0	0	0	-1.1	-1.11	0	0	0	0	0	0
1/5/2024 18:54	16301 ALPA_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1/5/2024 18:54	40101 HUNT_T2	326	416	90	0.82	0.87	0.05	-0.52	-0.59	0	0	0	0	0	0
1/5/2024 18:54	20403 ASHF_T2	0	0	0	0	0	0	0.51	0.51	0	0	0	0	0	0
1/5/2024 18:54	47403 PENS_T1	0	3	3	0	0.17	0.17	0	0	0	0	0	0	0	0
1/5/2024 18:54	42601 TUSC_T1	2	15	13	0.5	0.4	-0.1	-0.3	-0.28	2	2	0	1800	1800	0
1/5/2024 18:54	67002 STHI_T2	0	5	5	0	0.1	0.1	1.24	1.26	0	0	0	0	0	0
1/5/2024 18:54	26803 JAFR_T1	1	1	0	1.2	1	-0.2	-0.22	-0.25	1	1	0	900	900	0
1/5/2024 18:54	60201 ATGL_T2	0	0	0	0	0	0	0.28	0.3	1	1	0	300	300	0
1/5/2024 18:54	46903 MNTG_T2	0	0	0	0	0	0	-0.39	-0.35	1	1	0	600	600	0
1/5/2024 18:55	67001 STHI_T2	1	5	4	0.4	0.24	-0.16	0	0	0	0	0	0	0	0
1/5/2024 18:55	52006 LING_T2	0	2	2	0	0.15	0.15	0	0	0	0	0	0	0	0
1/5/2024 18:55	10705 CATA_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1/5/2024 18:55	63602 LETO_T1	0	0	0	0	0	0	-0.39	-0.49	0	0	0	0	0	0
1/5/2024 18:55	61505 EPET_T1	0	0	0	0	0	0	0.55	0.55	0	0	0	0	0	0
1/5/2024 18:55	60803 BUCK_T1	0	0	0	0	0	0	-1.21	-1.21	1	1	0	600	600	0
1/5/2024 18:55	60305 TWVA_T2	0	0	0	0	0	0	1.42	1.07	0	0	0	0	0	0
1/5/2024 18:55	13503 MCMI_T2	112	143	31	0.65	0.51	-0.14	0.36	0.35	0	0	0	0	0	0
1/5/2024 18:55	67502 WEWI_T2	0	0	0	0	0	0	-1.22	-1.26	1	1	0	900	900	0
1/5/2024 18:56	64702 LITI_T2	0	0	0	0	0	0	-0.74	-0.64	0	0	0	0	0	0
1/5/2024 18:56	52102 MEIS_T1	0	0	0	0	0	0	0	0	1	1	0	450	450	0
1/5/2024 18:56	67502 WEWI_T2	0	0	0	0	0	0	-1.22	-1.26	1	1	0	900	900	0
1/5/2024 18:56	64201 KINZ_T1	73	48	-25	0.26	0.16	-0.1	-0.62	-0.63	3	3	0	1500	1500	0
1/5/2024 18:56	60101 COCA_T1	0	0	0	0	0	0	0.41	0.46	0	0	0	0	0	0
1/5/2024 18:56	66501 SMAN_T2	0	3	3	0	0.2	0.2	0	0	0	0	0	0	0	0
1/5/2024 18:56	67103 SPRI_T1	0	0	0	0	0	0	-0.13	-0.07	0	0	0	0	0	0
1/5/2024 18:56	29401 BELT_T1	23	42	19	0.2	0.21	0.01	0	0	1	1	0	900	900	0
1/5/2024 18:56	16301 ALPA_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1/5/2024 18:56	40101 HUNT_T2	326	416	90	0.82	0.87	0.05	-0.52	-0.59	0	0	0	0	0	0
1/5/2024 18:56	12701 MACU_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1/5/2024 18:57	52101 MEIS_T1	0	1	1	0	0.2	0.2	0	0	0	0	0	0	0	0
1/5/2024 18:57	53901 HALI_T2	0	1	1	0	0.2	0.2	0	0	0	0	0	0	0	0
1/5/2024 18:57	62604 ENGL_T1	1	0	-1	0.2	0	-0.2	-0.5	-0.45	1	1	0	600	600	0
1/5/2024 18:57	44601 SALE_T2	0	0	0	0	0	0	-0.12	-0.17	0	0	0	0	0	0
1/5/2024 18:57	64101 REFR_T1	0	0	0	0	0	0	-0.01	0.03	0	0	0	0	0	0
1/5/2024 18:57	60701 BREC_T1	0	0	0	0	0	0	-0.37	-0.35	1	1	0	600	600	0
1/5/2024 18:57	43201 MVIL_T2	0	0	0	0	0	0	-1.26	-1.25	0	0	0	0	0	0
1/5/2024 18:57	63602 LETO_T1	0	0	0	0	0	0	-0.39	-0.49	0	0	0	0	0	0
1/5/2024 18:57	56501 ROCK_T2	1	53	52	0.4	0.16	-0.24	-1.26	-1.23	0	0	0	0	0	0
1/5/2024 18:57	65003 NEFF_T2	0	30	30	0	0.16	0.16	0	0	0	0	0	0	0	0
1/5/2024 18:57	66504 SMAN_T2	0	0	0	0	0	0	-0.39	-0.41	0	0	0	0	0	0
1/5/2024 18:57	56802 BENV_T2	1	4	3	0.4	0.35	-0.05	-1.24	-1.25	0	0	0	0	0	0
1/5/2024 18:57	12202 FOGE_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1/5/2024 18:57	45502 DERR_T2	0	1	1	0	0	0	0	0	0	0	0	0	0	0
1/5/2024 18:57	67103 SPRI_T1	0	0	0	0	0	0	-0.13	-0.07	0	0	0	0	0	0
1/5/2024 18:58	60501 NMAN_T2	3	3	0	3.5	4.5	1	0	0	0	0	0	0	0	0
1/5/2024 18:58	46004 BERW_T2	2	2	0	0.7	0.7	0	-0.72	-0.68	0	0	0	0	0	0
1/5/2024 18:58	52404 GRPA_T2	7	1	-6	0.31	0.5	0.19	-0.03	-0.03	0	0	0	0	0	0
1/5/2024 18:58	43402 BENT_T1	0	4	4	0	0	0	-0.88	-0.88	1	1	0	900	900	0
1/5/2024 18:58	53901 HALI_T2	0	1	1	0	0.2	0.2	-0.32	-0.29	0	0	0	0	0	0
1/5/2024 18:58	43001 ALWD_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1/5/2024 18:58	45602 PIGR_T1	0	0	0	0	0	0	-1	-1.07	0	0	0	0	0	0
1/5/2024 18:58	40603 PIGR_T1	0	0	0	0	0	0	0.37	0.4	0	0	0	0	0	0
1/5/2024 18:58	47403 PENS_T1	0	3	3	0	0.17	0.17	0	0	0	0	0	0	0	0
1/5/2024 18:58	46903 MNTG_T2	0	0	0	0	0	0	1.29	1.04	0	0	0	0	0	0
1/5/2024 18:58	16302 ALPA_T2	0	0	0	0	0	0	-0.51	-0.5	0	0	0	0	0	0
1/5/2024 18:58	29402 BELT_T1	1	1	0	7.5	7.6	0.1	0	0	0	0	0	0	0	0
1/5/2024 18:58	41801 GOCI_T2	1	0	-1	0.3	0	-0.3	0	0	0	0	0	0	0	0
1/5/2024 18:58	28604 BLYT_T2	0	0	0	0	0	0	-1.29	-1.3	0	0	0	0	0	0
1/5/2024 18:58	43202 MVIL_T2	1	1	0	0.5	0.5	0	-0.65	-0.63	0	0	0	0	0	0
1/5/2024 18:58	64201 KINZ_T1	73	48	-25	0.26	0.16	-0.1	-0.62	-0.63	3	3	0	1500	1500	0
1/5/2024 18:58	16301 ALPA_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1/5/2024 18:58	20403 ASHF_T2	0	0	0	0	0	0	0.51	0.51	0	0	0	0	0	0
1/5/2024 18:58	42201 SHEN_T2	0	0	0	0	0	0	0.04	-0.02	1	1	0	600	600	0
1/5/2024 18:58	46903 MNTG_T2	0	0	0	0	0	0	-0.39	-0.35	1	1	0	600	600	0
1/5/2024 18:58	40502 CRES_T2	6	13	7	0.22	0.22	0	-0.63	-0.65	0	0	0	0	0	0
1/5/2024 18:58	64702 LITI_T2	0	0	0	0	0	0	-0.74	-0.64	0	0	0	0	0	0
1/5/2024 18:58	13503 MCMI_T2	112	143	31	0.65	0.51	-0.14	0.36	0.35	0	0	0	0	0	0
1/5/2024 18:58	48302 ORWI_T2	2	2	0	0.85	1	0.15	-0.49	-0.51	0	0	0	2	0	0
1/5/2024 18:58	11104 EGYP_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1/5/2024 18:58	13302 ORVI_T2	0	3	3	0	0.1	0.1	1.15	1.13	0	0	0	0	0	0
1/5/2024 18:59	40902 JESH_T1	0	0	0	0	0	0	-1.54	-1.56	1	1	0	600	600	0
1/5/2024 18:59	67002 STHI_T2	0	5	5	0	0.1	0.1	1.24	1.26	0	0	0	0	0	0
1/5/2024 18:59	10705 CATA_T2	0	0	0	0	0	0	-0.78	-0.81	1	1	0	900	900	0
1/5/2024 18:59	53901 HALI_T2	2	2	0	0.9	1.3	0.4	-0.21	-0.18	0	0	0	0	0	0
1/5/2024 18:59	44301 BLAV_T2	1	0	-1	0.7	0	-0.7	0.03	0.04	1	1	0	600	600	0
1/5/2024 18:59	64801 MONE_T2	0	0	0	0	0	0	0.49	0.5	0	0	0	0	0	0
1/5/2024 18:59	67602 WARW_T2	0	0	0	0	0	0	0.42	0.32	0	0	0	0	0	0
1/5/2024 18:59	57401 SPAN_T1	0	5	5	0	0.28	0.28	-2.45	-2.35	2	2	0	1200	1200	0
1/5/2024 18:59	65901 SAKR_T2	1	1	0	8.2	8.2	0	-1.27	-1.24	1	1	0	900	900	0
1/5/2024 18:59	47403 PENS_T1	0	3	3	0	0.17	0.17	0	0	0	0	0	0	0	0
1/5/2024 18:59	56802 BENV_T2	1	4	3	0.4	0.35	-0.05	-2.48	-2.5	0	0	0	0	0	0
1/5/2024 18:59	64301 LINC_T1	0	0	0	0	0	0	-0.36	-0.35	1	1	0	600	600	0
1/5/2024 18:59	45702 LIND_T2	1	1	0	1	1.3	0.3	-0.52	-0.5	0	0	0	0	0	0
1/5/2024 18:59	52004 LING_T2	1	1	0	1	0	-1	0.31	0.35	0	0	0	0	0	0
1/5/2024 18:59	53501 EVIL_T2	3	7	4	0.27	0.31	0.04	-1.75	-1.62	2	2	0	1200	1200	0
1/5/2024 18:59	13503 MCMI_T2	112	143	31	0.65	0.51	-0.14	0.36	0.35	0	0	0	0	0	0
1/5/2024 19:00	56501 ROCK_T2	1	55	54	0.4	0.16	-0.24	0	0	0	0	0	0	0	0
1/5/2024 19:00	64101 REFR_T1	0	0	0	0	0	0	-0.01	0.05	0	0	0	0	0	0
1/5/2024 19:00	57401 SPAN_T1	0	5	5	0	0.3	0.3	-2.45	-2.35	2	2	0	1200	1200	0
1/5/2024 19:00	67502 WEWI_T2	0	0	0	0	0	0	-1.22	-1.26	1	1	0	900	900	0
1/5/2024 19:00	60201 ATGL_T2	0	0	0	0	0	0	0.28	0.3	1	1	0	300	300	0
1/5/2024 19:00	11104 EGYP_T1	9	11	2	0.3	0.6	0.3	0.44	0.44	0	0	0	0	0	0
1/5/2024 19:00	56802 BENV_T2	1	4	3	0.3	0.5	0.2	-1.24	-1.25	0	0	0	0	0	0
1/5/2024 19:00	57403 SPAN_T1	0	0	0	0	0	0	0.16	0.22	0	0	0	0	0	0
1/5/2024 19:00	67503 WEWI_T2	0	0	0	0	0	0	-0.01	0.02	0	0	0	0	0	0
1/5/2024 19:00	67904 WNHO_T1	0	0	0	0	0	0	-1.12	-1.14	1	1	0	1200	1200	0
1/5/2024 19:00	16302 ALPA_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1/5/2024 19:00	53601 DALM_T2	0	0	0	0	0	0	-0.63	-0.66	1	1	0	600	600	0
1/5/2024 19:00	44801 EDAN_T2	1	1	0	1.5	1.2	-0.3	0	0	0	0	0	0	0	0
1/5/2024 19:00	67204 TEHI_T2	0	0	0	0	0	0	-0.09	-0.07	0	0	0	0	0	0
1/5/2024 19:00	15001 BLMO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1/5/2024 19:00	59302 MCAL_T1	0	1	1	0	0.2	0.2	-0.71	-0.68	1	1	0	600	600	0
1/5/2024 19:00	53501 EVIL_T2	7	3	-4	0.3	0.47	0.17	-0.87	-0.81	1	1	0	600	600	0
1/5/2024 19:00	61102 BERK_T5	0	0	0	0	0	0	0.62	0.68	1	1	0	300	300	0
1/5/2024 19:00	60101 COCA_T1	0	0	0	0	0	0	0.41	0.46	0	0	0	0	0	0
1/5/2024 19:00	16301 ALPA_T1	0	0	0	0	0	0	-0.23	-0.24	0	0	0	0	0	0
1/5/2024 19:00	62604 ENGL_T1	0	0	0	0	0	0	-0.5	-0.45	1	1	0	600	600	0
1/5/2024 19:00	60803 BUCK_T1	0	0	0	0	0	0	-1.21	-1.21	1	1	0	600	600	0
1/5/2024 19:01	52403 GRPA_T2	8	3	-5	1.4	0	-1.4	0	0	0	0	0	0	0	0
1/5/2024 19:01	60701 BREC_T1	0	0	0	0	0	0	-0.37	-0.35	1	1	0	600	600	0
1/5/2024 19:01	63404 HONY_T1	2	2	0	6.25	6.45	0.2	0	0	0	0	0	0	0	0
1/5/2024 19:01	46001 BERW_T1	0	0	0	0	0	0	0.88	0.99	0	0	0	0	0	0
1/5/2024 19:01	67103 SPRI_T1	0	0	0	0	0	0	-0.13	-0.07	0	0	0	0	0	0
1/5/2024 19:01	56802 BENV_T2	1	4	3	0.3	0.5	0.2	-4.96	-5	0	0	0	0	0	0
1/5/2024 19:01	67502 WEWI_T2	0	0	0	0	0	0	-1.22	-1.26	1	1	0	900	900	0
1/5/2024 19:02	40902 JESH_T1	0	1	1	0	0	0	-1.54	-1.56	1	1	0	600	600	0
1/5/2024 19:02	57301 MOAL_T2	0	5	5	0	0.12	0.12	0	0	0	0	0	0	0	0
1/5/2024 19:02	42902 MIDD_T2	0	2	2	0	0	0	-1.23	-1.19	1	1	0	600	600	0
1/5/2024 19:02	41801 GOCI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1/5/2024 19:02	56501 ROCK_T2	1	55	54	0.4	0.16	-0.24	-2.53	-2.46	0	0	0	0	0	0
1/5/2024 19:02	40501 CRES_T2	0	1	1	0	0.1	0.1	0	0	0	0	0	0	0	0
1/5/2024 19:02	42201 SHEN_T2	0	1	1	0	0	0	0.08	-0.04	2	2	0	1200	1200	0
1/5/2024 19:02	42902 MIDD_T2	0	2	2	0	0	0	-1.23	-1.19	1	1	0	600	600	0
1/5/2024 19:02	56504 ROCK_T2	0	0	0	0	0	0	-0.31	-0.3	0	0	0	0	0	0
1/5/2024 19:02	46001 BERW_T1	0	0	0	0	0	0	0.88	0.99	0	0	0	0	0	0
1/5/2024 19:02	55002 NEWP_T1	2	4	2	0.1	0.25	0.15	-0.18	-0.17	0	0	0	0	0	0
1/5/2024 19:02	67605 WARW_T1	0	0	0	0	0	0	-1.11	-0.93	0	0	0	0	0	0
1/5/2024 19:02	59101 WALK_T2	1	1	0	0	0	0	0.66

Appendix C - Grid Benefits Achieved in Each Instance of Active Management

1/5/2024 19:04	40502 CRES_T2	12	11	-1	0.2	0.2	0	-0.63	-0.65	0	0	0	0	0	0
1/5/2024 19:04	65901 SAKR_T2	1	1	0	7.8	8.5	0.7	-1.27	-1.24	1	1	0	900	900	0
1/5/2024 19:04	64101 REFR_T1	0	0	0	0	0	0	-0.01	0.05	0	0	0	0	0	0
1/5/2024 19:04	62604 ENGL_T1	0	0	0	0	0	0	0.5	-0.45	1	1	0	600	600	0
1/5/2024 19:04	67402 WAKE_T2	0	0	0	0	0	0	-0.31	-0.33	1	1	0	600	600	0
1/5/2024 19:04	40101 HUNT_T2	398	375	-23	0.86	0.81	-0.05	-1.57	-1.77	0	0	0	0	0	0
1/5/2024 19:04	60201 ATGL_T2	0	0	0	0	0	0	0.28	0.3	1	1	0	300	300	0
1/5/2024 19:04	67503 WEWI_T2	0	0	0	0	0	0	-0.01	0.02	0	0	0	0	0	0
1/5/2024 19:04	12701 MACU_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1/5/2024 19:04	67203 TEHI_T1	0	0	0	0	0	0	1.43	1.4	2	2	0	1500	1500	0
1/5/2024 19:04	49803 UNIV_T1	0	0	0	0	0	0	-0.98	-0.94	0	0	0	0	0	0
1/5/2024 19:05	57403 SPAN_T1	0	0	0	0	0	0	0.16	0.22	0	0	0	0	0	0
1/5/2024 19:05	52102 MEIS_T1	0	0	0	0	0	0	0	0	1	1	0	450	450	0
1/5/2024 19:05	60604 NCOL_T2	0	0	0	0	0	0	0.34	0.26	0	0	0	0	0	0
1/5/2024 19:05	54505 ENOL_T2	1	1	0	0.2	0.2	0	0	0	0	0	0	0	0	0
1/5/2024 19:05	51702 OBER_T1	2	2	0	3	3.65	0.65	-0.53	-0.5	0	0	0	0	0	0
1/5/2024 19:05	42701 AUGU_T1	0	3	3	0	0.9	0.9	0	0	1	1	0	600	600	0
1/5/2024 19:05	58302 NCITT_T1	0	0	0	0	0	0	-0.39	-0.43	1	1	0	1200	1200	0
1/5/2024 19:05	59101 WALK_T2	1	1	0	0	0	0	0.66	0.62	2	2	0	1050	1050	0
1/5/2024 19:05	46903 MNTG_T2	0	6	6	0	0.12	0.12	-0.39	-0.35	1	1	0	600	600	0
1/5/2024 19:05	56802 BENV_T2	1	4	3	0.3	0.5	0.2	-4.96	-5	0	0	0	0	0	0
1/5/2024 19:05	56501 ROCK_T2	1	55	54	0.4	0.16	-0.24	-3.79	-3.7	0	0	0	0	0	0
1/5/2024 19:05	64101 REFR_T1	0	0	0	0	0	0	-0.01	0.05	0	0	0	0	0	0
1/5/2024 19:05	59003 MIFF_T1	0	0	0	0	0	0	-0.08	1.17	0	0	0	0	0	0
1/5/2024 19:05	53501 EVIL_T2	7	3	-4	0.3	0.47	0.17	-0.87	-0.81	1	1	0	600	600	0
1/5/2024 19:06	57602 RUTH_T2	0	0	0	0	0	0	0.17	0.21	0	0	0	0	0	0
1/5/2024 19:06	61505 EPET_T1	0	0	0	0	0	0	0.55	0.55	0	0	0	0	0	0
1/5/2024 19:06	64101 REFR_T1	0	0	0	0	0	0	-0.01	0.03	0	0	0	0	0	0
1/5/2024 19:06	52102 MEIS_T1	0	0	0	0	0	0	0	0	1	1	0	450	450	0
1/5/2024 19:06	59003 MIFF_T1	0	0	0	0	0	0	-0.04	0.59	0	0	0	0	0	0
1/5/2024 19:06	41902 REED_T1	3	9	6	0.4	0.42	0.02	0.77	0.54	0	0	0	0	0	0
1/5/2024 19:06	52401 GRPA_T2	8	2	-6	0.25	0	-0.25	-0.43	-0.43	0	0	0	0	0	0
1/5/2024 19:06	67503 WEWI_T2	0	0	0	0	0	0	-0.01	0.02	0	0	0	0	0	0
1/5/2024 19:06	44301 BEAV_T2	0	0	0	0	0	0	0.03	0.04	1	1	0	600	600	0
1/5/2024 19:06	56802 BENV_T2	1	4	3	0.3	0.5	0.2	-1.24	-1.25	0	0	0	0	0	0
1/5/2024 19:07	58402 MORO_T1	0	0	0	0	0	0	-0.64	-0.65	3	3	0	2400	2400	0
1/5/2024 19:07	55001 NEWP_T1	0	1	1	0	0.3	0.3	0	0	0	0	0	0	0	0
1/5/2024 19:07	63804 HEMP_T1	1	1	0	6.5	6	-0.5	0.8	0.83	0	0	0	0	0	0
1/5/2024 19:07	54505 ENOL_T2	1	1	0	0.2	0.2	0	0	0	0	0	0	0	0	0
1/5/2024 19:07	59003 MIFF_T1	0	0	0	0	0	0	-0.04	0.59	0	0	0	0	0	0
1/5/2024 19:07	55105 WERT_T1	0	0	0	0	0	0	-0.41	-0.41	1	1	0	900	900	0
1/5/2024 19:07	57401 SPAN_T1	0	5	5	0	0.3	0.3	-1.23	-1.18	1	1	0	600	600	0
1/5/2024 19:07	51107 CARL_T1	0	0	0	0	0	0	-0.07	-0.09	0	0	0	0	0	0
1/5/2024 19:07	61802 EELI_T2	0	1	1	0	0	0	0	0	0	0	0	0	0	0
1/5/2024 19:07	61303 EARL_T1	0	0	0	0	0	0	0.2	0.17	0	0	0	0	0	0
1/5/2024 19:08	57303 MOAL_T2	1	1	0	7.5	6.8	-0.7	0	0	0	0	0	0	0	0
1/5/2024 19:08	55001 NEWP_T1	0	1	1	0	0.3	0.3	0	0	0	0	0	0	0	0
1/5/2024 19:08	52504 PROG_T1	0	1	1	0	0.1	0.1	0	0	0	0	0	0	0	0
1/5/2024 19:08	57401 SPAN_T1	0	5	5	0	0.3	0.3	0	0	0	0	0	0	0	0
1/5/2024 19:08	67605 WARW_T1	0	0	0	0	0	0	-1.11	-0.93	0	0	0	0	0	0
1/5/2024 19:08	67201 TEHI_T1	0	0	0	0	0	0	-0.58	-0.55	1	1	0	900	900	0
1/5/2024 19:08	51107 CARL_T1	0	0	0	0	0	0	-0.07	-0.09	0	0	0	0	0	0
1/5/2024 19:08	64802 MONE_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1/5/2024 19:08	59003 MIFF_T1	0	0	0	0	0	0	-0.04	0.59	0	0	0	0	0	0
1/5/2024 19:09	65902 SAKR_T2	0	0	0	0	0	0	-0.45	-0.52	1	1	0	300	300	0
1/5/2024 19:09	52402 GRPA_T2	6	4	-2	0.4	1.13	0.73	-1.04	-1.05	0	0	0	0	0	0
1/5/2024 19:09	65001 NEFF_T2	7	225	218	0.14	0.25	0.11	-1.25	-1.3	1	1	0	1200	1200	0
1/5/2024 19:09	52404 GRPA_T2	1	2	1	0.5	0.2	-0.3	0	0	0	0	0	0	0	0
1/5/2024 19:09	59101 WALK_T2	1	1	0	0	0	0	0.62	0.65	2	2	0	1050	1050	0
1/5/2024 19:09	54206 PENN_T2	0	0	0	0	0	0	-0.03	0	0	0	0	0	0	0
1/5/2024 19:10	53901 HALI_T2	0	1	1	0	0.2	0.2	-0.29	-0.34	0	0	0	0	0	0
1/5/2024 19:10	59102 WALK_T2	0	0	0	0	0	0	0.27	0.28	0	0	0	0	0	0
1/5/2024 19:10	52403 GRPA_T2	8	3	-5	1.4	0	-1.4	0.11	0.11	0	0	0	0	0	0
1/5/2024 19:10	52101 MEIS_T1	1	1	0	0.2	0.5	0.3	0	0	0	0	0	0	0	0
1/5/2024 19:10	59101 WALK_T2	1	1	0	0	0	0	0.62	0.65	2	2	0	1050	1050	0
1/5/2024 19:10	60701 BREC_T1	0	0	0	0	0	0	-0.35	-0.36	1	1	0	600	600	0
1/5/2024 19:10	66703 STRA_T1	0	0	0	0	0	0	-0.14	-0.12	0	0	0	0	0	0
1/5/2024 19:10	67901 WNHO_T2	39	96	57	0.2	0.28	0.08	-0.52	-0.54	0	0	0	0	0	0
1/5/2024 19:11	52401 GRPA_T2	8	2	-6	0.25	0	-0.25	0	0	0	0	0	0	0	0
1/5/2024 19:11	66702 STRA_T1	0	0	0	0	0	0	0.11	0.14	3	3	0	2700	2700	0
1/5/2024 19:13	52404 GRPA_T2	1	2	1	0.5	0.2	-0.3	0	0	0	0	0	0	0	0
1/5/2024 19:15	52502 PROG_T2	0	0	0	0	0	0	-0.43	-0.43	1	1	0	900	900	0
1/5/2024 19:17	56501 ROCK_T2	52	37	-15	0.16	0.16	0	-1.23	-1.26	0	0	0	0	0	0
1/5/2024 19:18	62606 ENGL_T1	0	1	1	0	0.1	0.1	0	0	0	0	0	0	0	0
1/5/2024 19:23	12701 MACU_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1/5/2024 19:38	15604 NSTR_T1	1	0	-1	2	0	-2	-0.47	-0.41	0	0	0	0	0	0
1/5/2024 19:46	57401 SPAN_T1	1	1	0	0.2	0.2	0	-0.59	-0.61	1	1	0	600	600	0
1/5/2024 20:07	65001 NEFF_T2	22	138	116	0.14	0.16	0.02	-1.25	-1.29	1	1	0	1200	1200	0
1/5/2024 20:27	54502 ENOL_T2	0	0	0	0	0	0	-1.86	-1.9	1	1	0	600	600	0
1/5/2024 20:29	52402 GRPA_T2	8	6	-2	0.76	1.63	0.87	0	0	0	0	0	0	0	0
1/5/2024 20:55	65001 NEFF_T2	151	217	66	0.17	0.27	0.1	-1.26	-1.33	1	1	0	1200	1200	0
1/5/2024 21:05	65001 NEFF_T2	132	235	103	0.17	0.34	0.17	-1.26	-1.33	1	1	0	1200	1200	0
1/5/2024 21:47	65001 NEFF_T2	234	219	-15	0.4	0.27	-0.13	-1.34	-1.38	1	1	0	1200	1200	0
1/5/2024 22:08	65001 NEFF_T2	219	0	-219	0.27	0	-0.27	-1.38	-1.39	1	1	0	1200	1200	0
1/5/2024 22:29	65001 NEFF_T2	0	0	0	0	0	0	-1.39	-1.41	1	1	0	1200	1200	0
1/5/2024 22:56	65001 NEFF_T2	0	0	0	0	0	0	-1.42	-1.42	1	1	0	1200	1200	0
1/5/2024 23:50	57401 SPAN_T1	1	2	1	0.2	0.2	0	0	0	0	0	0	0	0	0
1/5/2024 23:56	65001 NEFF_T2	0	0	0	0	0	0	-1.44	-1.43	1	1	0	1200	1200	0
1/6/2024 0:21	65001 NEFF_T2	0	9	9	0	0.12	0.12	-1.43	-1.43	1	1	0	1200	1200	0
1/6/2024 0:35	65001 NEFF_T2	9	3	-6	0.12	0.1	-0.02	-1.43	-1.4	1	1	0	1200	1200	0
1/6/2024 1:17	65001 NEFF_T2	0	0	0	0	0	0	-1.48	-1.44	1	1	0	1200	1200	0
1/6/2024 2:41	65001 NEFF_T2	0	0	0	0	0	0	-1.49	-1.45	1	1	0	1200	1200	0
1/6/2024 3:34	65001 NEFF_T2	0	0	0	0	0	0	-1.49	-1.45	1	1	0	1200	1200	0
1/6/2024 4:52	65001 NEFF_T2	0	0	0	0	0	0	-1.43	-1.43	1	1	0	1200	1200	0
1/6/2024 5:08	65001 NEFF_T2	0	0	0	0	0	0	-1.43	-1.45	1	1	0	1200	1200	0
1/6/2024 6:06	65001 NEFF_T2	0	0	0	0	0	0	-1.4	-1.43	1	1	0	1200	1200	0
1/6/2024 6:43	65001 NEFF_T2	0	0	0	0	0	0	-1.38	-1.32	1	1	0	1200	1200	0
1/6/2024 7:10	50106 HARR_T3	1	1	0	0	0	0	0	0	0	0	0	0	0	0
1/6/2024 7:14	65001 NEFF_T2	0	0	0	0	0	0	-1.32	-1.25	1	1	0	1200	1200	0
1/6/2024 7:52	43402 BENT_T1	0	0	0	0	0	0	-1.56	-1.54	2	2	0	1500	1500	0
1/6/2024 7:55	43401 BENT_T1	0	1	1	0	0	0	0	0	0	0	0	0	0	0
1/6/2024 7:56	45501 DERR_T2	1	0	-1	0.1	0	-0.1	-0.79	-0.77	2	2	0	1800	1800	0
1/6/2024 7:57	45502 DERR_T2	1	2	1	2.1	0.85	-1.25	0	0	0	0	0	0	0	0
1/6/2024 7:59	43201 MVIL_T2	4	5	1	0.75	0.85	0.1	0	0	0	0	0	0	0	0
1/6/2024 8:02	41902 REED_T1	5	6	1	0.48	0.3	-0.18	1.02	0.28	0	1	1	0	900	900
1/6/2024 8:04	41901 REED_T1	2	4	2	0.25	0.45	0.2	0	0	0	0	0	0	0	0
1/6/2024 8:05	43201 MVIL_T2	3	6	3	0.77	0.9	0.13	0	0	0	0	0	0	0	0
1/6/2024 8:06	41901 REED_T1	2	4	2	0.25	0.45	0.2	0	0	0	0	0	0	0	0
1/6/2024 8:08	43402 BENT_T1	0	0	0	0	0	0	-1.54	-1.57	2	2	0	1500	1500	0
1/6/2024 8:08	42701 AUGU_T1	3	5	2	0.33	0.53	0.2	0	0	1	1	0	600	600	0
1/6/2024 8:16	40101 HUNT_T2	67	198	131	0.58	0.54	-0.04	-1.32	-1.24	0	0	0	0	0	0
1/6/2024 8:16	13503 MCMI_T2	69	198	129	0.57	0.54	-0.03	0.35	0.35	0	0	0	0	0	0
1/6/2024 8:17	13503 MCMI_T2	69	198	129	0.57	0.54	-0.03	0.71	0.71	0	0	0	0	0	0
1/6/2024 8:27	53901 HALI_T2	0	0	0	0	0	0	-0.35	-0.32	0	0	0	0	0	0
1/6/2024 8:31	53903 HALI_T2	2	0	-2	0.1	0	-0.1	0	0	0	0	0	0	0	0
1/6/2024 8:33	65001 NEFF_T2	0	0	0	0	0	0	-1.28	-1.29	1	1	0	1200	1200	0
1/6/2024 8:34	67103 SPRI_T1	0	0	0	0	0	0	-0.19	-0.19	0	0	0	0	0	0
1/6/2024 8:36	67103 SPRI_T1	0	0	0	0	0	0	-0.19	-0.19	0	0	0	0	0	0
1/6/2024 8:38	40502 CRES_T2	2	9	7	0.15	0.21	0.06	-0.53	-0.49	0	0	0	0	0	0
1/6/2024 8:40	40502 CRES_T2	2	9	7	0.15	0.21	0.06	-0.53	-0.49	0	0	0	0	0	0
1/6/2024 8:42	40502 CRES_T2	2	9	7	0.15	0.21	0.06	-0.53	-0.49	0	0	0	0	0	0
1/6/2024 8:43	52401 GRPA_T2	10	17	7	0.57	0.24	-0.33	0	0	0	0	0	0	0	0
1/6/2024 8:43	53901 HALI_T2	0	0	0	0	0	0	-0.32	-0.33	0	0	0	0	0	0
1/6/2024 8:44	52403 GRPA_T2	11	10	-1	0.61	0.5	-0.11	-0.56	-0.56	0	0	0	0	0	0
1/6/2024 8:45	52403 GRPA_T2	9	3	-6	0.47	0.7	0.23	0	0	0	0	0	0	0	0
1/6/2024 8:54	65001 NEFF_T2	0	0	0	0	0	0	-1.22	-1.27	1	1	0	1200	1200	0
1/6/2024 8:58	40502 CRES_T2	3	10	7	0.13	0.22	0.09	-0.49	-0.48	0	0	0	0	0	0
1/6/2024 8:58	53902 HALI_T2	0	1	1	0	0	0	0	0	0	0	0	0	0	0
1/6/2024 9:00	41301 WATS_T2	1	3	2	0.4	0.8	0.4	0	0	0	0	0	0	0	0
1/6/2024 9:00	60101 COCA_T1	0	0	0	0	0	0	0.45	0.51	0	0	0	0	0	0
1/6/2024 9:00	41901 REED_T1	7	8	1	0.36	0.43	0.07	0	0	0	0	0	0	0	0
1/6/2024 9:00	58402 MORO_T1	0	0	0	0	0	0	-1.18	-1.22	3	3	0	2400	2400	0
1/6/2024 9:00	53501 EVIL_T2	6	20	14	0.3	0.17	-0.13	-0.54	-0.51	0	0	0	0	0	0
1/6/2024 9:00	53903 HALI_T2	0	0	0	0	0	0	-0.19	-0.2	0	0	0	0	0	0
1/6/2024 9:00	27502 WEIS_T2	7	6	-1	0.31	0.83	0.52	-0.35	-0.33	0	0	0	0	0	0
1/6/2024 9:00	50105 HARR_T3	7	8	1	6.59	5.84	-0.75	0	0	0	0	0	0	0	0
1/6/2024 9:00	46003 BERW_T2	1	1	0	5.5	4.4	-1.1	0	0	0	0	0	0	0	0
1/6/2024 9:00	44201 POIN_T1	0	0	0	0	0	0	-1.51	-1.53	1	1	0	900	900	0
1/6/2024 9:00	67503 WEWI_T2	0	0	0	0	0	0	-1.38	-1.36	0	0	0	0	0	0
1/6/2024 9:00	57403 SPAN_T1	0	1	1	0	0	0	0.22	0.2	0	0	0	0	0	0
1/6/2024 9:00	43001 ALWD_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1/6/2024 9:00	67103 SPRI_T1	0	0	0	0	0	0	-0.2	-0.16	0	0	0	0	0	0
1/6/2024 9:00	23401 HONE_T2	3	3	0	1.3	0	-1.3	-0.37	-0.44	0	0	0	0	0	0
1/6/2024 9:01	13503 MCMI_T2	131	235	104	0.64	0.54	-0.1	0.36	0.35	0	0	0	0	0	0
1/6/2024 9:03	13503 MCMI_T2	131	235	104	0.64	0.54	-0.1	0.36	0.35	0	0	0	0	0	0
1/6/2024 9:07	57104 SPHI_T2	2	2	0	1.4	2.4	1	0	0	0	0	0	0	0	0
1/6/2024 9:07	59102 WALK_T2	0	0	0	0	0	0	-0.39	-0.4	1	1	0	600	600	0
1/6/2024 9:07	42902 MIDD_T2	20	3	-17	0.39	0.2	-0.19	0	0	0	0	0	0	0	0
1/6/2024 9:07	67103 SPRI_T1	0	0	0	0	0	0	-0.2	-0.16	0	0	0	0	0	0
1/6/2024 9:08	43402 BENT_T1	0	0	0	0	0	0	-1.53	-1.53	2	2	0	1500	1500	0
1/6/2024 9:08	67402 WAKE_T2	0	0	0	0	0	0	-0.29	-0.31	1	1	0	600	600	0
1/6/2024 9:09	49803 UNIV_T1	0	0	0	0	0	0	-0.9	-0.89	0	0	0	0	0	0
1/6/2024 9:10	40502 CRES_T2	9	10	1	0.21	0.2	-0.01	-0.48	-0.54	0	0	0	0	0	0
1/6/2024 9:10	43402 BENT_T1	0	0	0	0	0	0	-1.53	-1.53	2	2	0	1500	1500	0
1/6/2024 9:10	42701 AUGU_T1	19	34	15	0.38	0.41	0.03	0	0	1	1	0	600	600	0
1/6/2024 9:11	43402 BENT_T1	0	0	0	0	0	0	-1.53	-1.53	2	2	0	1500	1500	0
1/6/2024 9:12	40502 CRES_T2	9	10	1	0.21	0.2	-0.01	-0.48	-0.54	0	0	0	0	0	0
1/6/2024 9:14	13503 MCMI_T2	131	235	104	0.64	0.54	-0.1	0.35	0.36	0	0	0	0	0	0
1/6/2024 9:14	53901 HALI_T2	0	2	2	0	1.2	1.2	-0.29	-0.29	0	0	0	0	0	0
1/6/2024 9:15	52102 MEIS_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1/6/2024 9:15	13503 MCMI_T2	229	192	-37	0.65	0.49	-0.16	0.35	0.36	0	0	0	0	0	0
1/6/2024 9:19	52101 MEIS_T1	0	1	1	0	0.2	0.2	0	0	0	0	0	0	0	0
1/6/2024 9:22	52102 MEIS_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1/6/2024 9:24	40502 CRES_T2	10	9	-1	0.2	0.21	0.01	-0.54	-0.55	0	0	0	0	0	0
1/6/2024 9:24	49803 UNIV_T1	0	0	0	0	0	0	-0.89	-0.93	0	0	0	0	0	0
1/6/2024 9:24	29402 BELT_T1	36	92	56	0.54	0.6	0.06	0	0	0	0	0	0	0	0
1/6/2024 9:25	11104 EGYP_T1	17	44	27	0.37	0	-0.37	0.57	-0.31	0	1	1	0	900	900
1/6/2024 9:26	67901 WNHO_T2	2	4	2	0.1	0.13	0.03	-0.5	-0.49	0	0	0	0	0	0
1/6/2024 9:26	11104 EGYP_T1	17	44	27	0.37	0	-0.37	0.57	-0.31	0	1	1	0	900	900
1/6/2024 9:26	56801 BENV_T1	2	5	3	0.4	0.4	0	-1.04	-1.09	2	2	0	1200	1200	0
1/6/2024 9:34	65604 QVIL_T2	0	0	0	0	0	0	0.52	0.48	0	0	0	0	0	0
1/6/2024 9:34	56501 ROCK_T2	1	3	2	0.1	0.17	0.07	-2.22	-2.21	0	0	0	0	0	0
1/6/2024 9:34	41901 REED_T1	8	9	1	0.43	0.47	0.04	-1.99	-1.99	1	1	0	900	900	0
1/6/2024 9:37	44301 BEAV_T2	2	2	0	0.5	0.3	-0.2	-0.63	-0.6	1	1	0	600	600	0
1/6/2024 9:37	66703 STRA_T1	0	1	1	0	0.6	0.6	0.16	0.16	0	0	0	0	0	0
1/6/2024 9:40	56801 BENV_T1	4	14	10	0.4	0.47	0.07	-1.09	-1.08	2	2	0	1200	1200	0
1/6/2024 9:41	56801 BENV_T1	4	14	10	0.4	0.47	0.07	-5.45	-5.4	10	10	0	6000	6000	0
1/6/2024 9:42	52401 GRPA_T2	13	27

1/6/2024 9:58	52401 GRPA_T2	23	25	2	0.41	0.25	-0.16	0	0	0	0	0	0	0	0
1/6/2024 9:58	40502 CRES_T2	8	10	2	0.23	0.32	0.09	-4.5	-4.86	0	0	0	0	0	0
1/6/2024 9:59	60501 NMAN_T2	3	3	0	2.93	3.5	0.57	0	0	0	0	0	0	0	0
1/6/2024 10:00	40502 CRES_T2	10	10	0	0.24	0.3	0.06	-0.56	-0.61	0	0	0	0	0	0
1/6/2024 10:02	52404 GRPA_T2	63	46	-17	0.93	0.53	-0.4	0	0	0	0	0	0	0	0
1/6/2024 10:02	40101 HUNT_T2	216	241	25	0.71	0.45	-0.26	-0.85	-0.84	0	0	0	0	0	0
1/6/2024 10:03	64101 REFR_T1	0	0	0	0	0	0	0.17	0.14	0	0	0	0	0	0
1/6/2024 10:03	12701 MACU_T1	0	0	0	0	0	0	-1.9	-2	2	2	0	2400	2400	0
1/6/2024 10:04	64101 REFR_T1	0	0	0	0	0	0	0.06	0.05	0	0	0	0	0	0
1/6/2024 10:05	64101 REFR_T1	0	0	0	0	0	0	0.06	0.05	0	0	0	0	0	0
1/6/2024 10:06	42201 SHEN_T2	0	0	0	0	0	0	0.23	0.24	2	2	0	1200	1200	0
1/6/2024 10:06	64101 REFR_T1	0	0	0	0	0	0	0.06	0.05	0	0	0	0	0	0
1/6/2024 10:07	64101 REFR_T1	0	0	0	0	0	0	0.11	0.1	0	0	0	0	0	0
1/6/2024 10:07	66505 SMAN_T2	0	0	0	0	0	0	-0.24	-0.23	2	2	0	1100	1100	0
1/6/2024 10:08	40302 TAMA_T3	0	0	0	0	0	0	-1.22	-1.23	1	1	0	1200	1200	0
1/6/2024 10:08	40201 BEGA_T2	4	12	8	0.35	0.5	0.15	0	0	0	0	0	0	0	0
1/6/2024 10:10	60701 BREC_T1	1	0	-1	0.8	0	-0.8	-1.97	-1.91	4	4	0	2400	2400	0
1/6/2024 10:11	60701 BREC_T1	1	0	-1	0.8	0	-0.8	-0.99	-0.95	2	2	0	1200	1200	0
1/6/2024 10:11	27101 GFLD_T2	0	0	0	0	0	0	0.35	0.35	0	0	0	0	0	0
1/6/2024 10:12	56803 BENV_T1	0	0	0	0	0	0	0.6	0.68	0	0	0	0	0	0
1/6/2024 10:12	56801 BENV_T1	13	2	-11	0.45	0.4	-0.05	-2.18	-2.2	4	4	0	2400	2400	0
1/6/2024 10:17	45501 DERR_T2	0	0	0	0	0	0	-0.76	-0.79	2	2	0	1800	1800	0
1/6/2024 10:18	56803 BENV_T1	0	1	1	0	0	0	0.3	0.34	0	0	0	0	0	0
1/6/2024 10:19	52202 DEVO_T2	0	1	1	0	0.4	0.4	-1.24	-1.26	0	0	0	0	0	0
1/6/2024 10:20	40502 CRES_T2	10	9	-1	0.28	0.26	-0.02	-0.61	-0.6	0	0	0	0	0	0
1/6/2024 10:21	52202 DEVO_T2	0	1	1	0	0.4	0.4	-2.49	-2.53	0	0	0	0	0	0
1/6/2024 10:22	40502 CRES_T2	10	9	-1	0.28	0.26	-0.02	-0.61	-0.6	0	0	0	0	0	0
1/6/2024 10:22	53901 HALI_T2	0	2	2	0	0.1	0.1	-0.65	-0.64	0	0	0	0	0	0
1/6/2024 10:22	46801 HEPB_T2	2	2	0	0.2	0.5	0.3	-0.28	-0.24	0	0	0	0	0	0
1/6/2024 10:23	53901 HALI_T2	0	2	2	0	0.1	0.1	-0.65	-0.64	0	0	0	0	0	0
1/6/2024 10:23	46801 HEPB_T2	2	2	0	0.2	0.5	0.3	-0.24	-0.25	0	0	0	0	0	0
1/6/2024 10:23	53901 HALI_T2	0	2	2	0	0.1	0.1	-0.65	-0.64	0	0	0	0	0	0
1/6/2024 10:24	53901 HALI_T2	0	2	2	0	0.1	0.1	-0.64	-0.75	0	0	0	0	0	0
1/6/2024 10:24	53902 HALI_T2	0	0	0	0	0	0	-0.83	-0.86	0	0	0	0	0	0
1/6/2024 10:24	52102 MEIS_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1/6/2024 10:25	53902 HALI_T2	0	0	0	0	0	0	-0.83	-0.86	0	0	0	0	0	0
1/6/2024 10:25	40902 JESH_T1	0	0	0	0	0	0	-1.44	-1.49	1	1	0	600	600	0
1/6/2024 10:25	16402 MOPO_T1	22	21	-1	1.02	1.22	0.2	0.04	0.01	0	0	0	0	0	0
1/6/2024 10:26	60502 NMAN_T2	0	0	0	0	0	0	-0.48	-0.49	0	0	0	0	0	0
1/6/2024 10:26	13302 ORVI_T2	8	9	1	0.18	0.23	0.05	1.24	1.25	0	0	0	0	0	0
1/6/2024 10:27	43202 MVIL_T2	2	16	14	0.4	0.25	-0.15	-0.61	-0.61	0	0	0	0	0	0
1/6/2024 10:27	64101 REFR_T1	0	0	0	0	0	0	0.07	0.06	0	0	0	0	0	0
1/6/2024 10:27	52102 MEIS_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1/6/2024 10:28	66505 SMAN_T2	0	0	0	0	0	0	-0.2	-0.18	2	2	0	1100	1100	0
1/6/2024 10:28	16402 MOPO_T1	22	21	-1	1.02	1.22	0.2	0.04	0.01	0	0	0	0	0	0
1/6/2024 10:28	43201 MVIL_T2	15	7	-8	0.41	0.37	-0.04	0	0	0	0	0	0	0	0
1/6/2024 10:28	41902 REED_T1	3	4	1	0.33	0	-0.33	0.23	0.16	1	1	0	900	900	0
1/6/2024 10:28	66703 STRA_T1	2	6	4	0.55	0.32	-0.23	0	0	0	0	0	0	0	0
1/6/2024 10:28	57401 SPAN_T1	0	0	0	0	0	0	-2.98	-2.94	2	2	0	1200	1200	0
1/6/2024 10:28	59101 WALK_T2	1	1	0	0	0	0	0.53	0.18	2	2	0	1050	1050	0
1/6/2024 10:28	45402 WBLO_T2	0	8	8	0	0	0	-1.34	-1.25	1	1	0	900	900	0
1/6/2024 10:29	57401 SPAN_T1	0	0	0	0	0	0	-1.49	-1.47	1	1	0	600	600	0
1/6/2024 10:29	64101 REFR_T1	0	0	0	0	0	0	0.2	0.17	0	0	0	0	0	0
1/6/2024 10:30	64101 REFR_T1	0	0	0	0	0	0	0.07	0.06	0	0	0	0	0	0
1/6/2024 10:30	59101 WALK_T2	1	1	0	0	0	0	0.53	0.18	2	2	0	1050	1050	0
1/6/2024 10:30	56501 ROCK_T2	1	1	0	0.6	0.1	-0.5	-2.17	-2.14	0	0	0	0	0	0
1/6/2024 10:31	64101 REFR_T1	0	0	0	0	0	0	0.07	0.06	0	0	0	0	0	0
1/6/2024 10:31	43402 BENT_T1	0	0	0	0	0	0	-1.55	-1.53	2	2	0	1500	1500	0
1/6/2024 10:31	57401 SPAN_T1	0	0	0	0	0	0	-1.49	-1.47	1	1	0	600	600	0
1/6/2024 10:31	56501 ROCK_T2	1	1	0	0.6	0.1	-0.5	-2.17	-2.14	0	0	0	0	0	0
1/6/2024 10:32	57401 SPAN_T1	0	0	0	0	0	0	-1.49	-1.47	1	1	0	600	600	0
1/6/2024 10:32	59101 WALK_T2	1	1	0	0	0	0	0.53	0.18	2	2	0	1050	1050	0
1/6/2024 10:33	53501 EVIL_T2	2	9	7	0.25	0.67	0.42	-0.6	-0.57	0	0	0	0	0	0
1/6/2024 10:34	20401 ASHF_T2	1	1	0	0.5	0	-0.5	0	0	0	0	0	0	0	0
1/6/2024 10:34	64101 REFR_T1	0	0	0	0	0	0	0.07	0.06	0	0	0	0	0	0
1/6/2024 10:34	57401 SPAN_T1	0	0	0	0	0	0	-1.49	-1.47	1	1	0	600	600	0
1/6/2024 10:35	53501 EVIL_T2	2	9	7	0.25	0.67	0.42	-1.2	-1.15	0	0	0	0	0	0
1/6/2024 10:36	64204 KINZ_T1	1	0	-1	1.2	0	-1.2	0	0	0	0	0	0	0	0
1/6/2024 10:37	42902 MIDD_T2	2	9	7	0.5	0.33	-0.17	-1.18	-1.16	1	1	0	600	600	0
1/6/2024 10:37	53501 EVIL_T2	2	9	7	0.25	0.67	0.42	-0.6	-0.57	0	0	0	0	0	0
1/6/2024 10:38	40101 HUNT_T2	138	125	-13	0.46	0.34	-0.12	-0.39	-0.4	0	0	0	0	0	0
1/6/2024 10:38	53501 EVIL_T2	2	9	7	0.25	0.67	0.42	-0.6	-0.57	0	0	0	0	0	0
1/6/2024 10:38	42902 MIDD_T2	2	9	7	0.5	0.33	-0.17	-2.32	-2.34	2	2	0	1200	1200	0
1/6/2024 10:39	64204 KINZ_T1	1	0	-1	1.2	0	-1.2	0	0	0	0	0	0	0	0
1/6/2024 10:39	42902 MIDD_T2	2	9	7	0.5	0.33	-0.17	-1.16	-1.17	1	1	0	600	600	0
1/6/2024 10:39	64801 MONE_T2	0	0	0	0	0	0	-0.45	-0.4	0	0	0	0	0	0
1/6/2024 10:40	59302 MCAL_T1	0	0	0	0	0	0	-0.37	-0.37	1	1	0	600	600	0
1/6/2024 10:40	64204 KINZ_T1	1	0	-1	1.2	0	-1.2	0	0	0	0	0	0	0	0
1/6/2024 10:41	42902 MIDD_T2	2	9	7	0.5	0.33	-0.17	-2.32	-2.34	2	2	0	1200	1200	0
1/6/2024 10:41	52002 LING_T2	0	1	1	0	0	0	0.09	0.07	0	0	0	0	0	0
1/6/2024 10:42	13302 ORVI_T2	7	10	3	0.23	0.22	-0.01	1.25	1.25	0	0	0	0	0	0
1/6/2024 10:42	40601 PIGR_T1	2	3	1	0.6	0	-0.6	0	0	0	0	0	0	0	0
1/6/2024 10:43	59101 WALK_T2	1	1	0	0	0	0	0.18	0.44	2	2	0	1050	1050	0
1/6/2024 10:44	14403 SSLA_T1	3	7	4	0.47	0.45	-0.02	0.34	0.37	1	1	0	600	600	0
1/6/2024 10:44	56501 ROCK_T2	1	1	0	0.6	0.1	-0.5	0	0	0	0	0	0	0	0
1/6/2024 10:44	59101 WALK_T2	1	1	0	0	0	0	0.18	0.44	2	2	0	1050	1050	0
1/6/2024 10:44	64101 REFR_T1	0	0	0	0	0	0	0.06	0.06	0	0	0	0	0	0
1/6/2024 10:45	16302 ALPA_T2	0	0	0	0	0	0	-0.72	-0.75	0	0	0	0	0	0
1/6/2024 10:45	56501 ROCK_T2	1	1	0	0.1	0	-0.1	-2.14	-2.17	0	0	0	0	0	0
1/6/2024 10:46	16302 ALPA_T2	0	0	0	0	0	0	-0.72	-0.75	0	0	0	0	0	0
1/6/2024 10:47	45502 DERR_T2	1	0	-1	1.4	0	-1.4	0	0	0	0	0	0	0	0
1/6/2024 10:48	43401 BENT_T1	0	2	2	0	0	0	0	0	0	0	0	0	0	0
1/6/2024 10:48	16302 ALPA_T2	0	0	0	0	0	0	-0.72	-0.75	0	0	0	0	0	0
1/6/2024 10:49	51108 CARL_T1	0	1	1	0	0	0	0	0	0	0	0	0	0	0
1/6/2024 10:49	16302 ALPA_T2	0	0	0	0	0	0	-0.72	-0.75	0	0	0	0	0	0
1/6/2024 10:50	28604 BLYT_T2	0	0	0	0	0	0	-1.19	-1.17	0	0	0	0	0	0
1/6/2024 10:50	60803 BUCK_T1	0	0	0	0	0	0	-1.18	-1.19	1	1	0	600	600	0
1/6/2024 10:51	60803 BUCK_T1	0	0	0	0	0	0	-1.18	-1.19	1	1	0	600	600	0
1/6/2024 10:52	24703 FLND_T2	0	0	0	0	0	0	-1.41	-1.38	1	1	0	1200	1200	0
1/6/2024 10:52	52403 GRPA_T2	26	96	70	0.38	0.47	0.09	-0.51	-0.54	0	0	0	0	0	0
1/6/2024 10:52	40103 HUNT_T2	80	125	45	0.38	0.47	0.09	-0.79	-0.8	0	0	0	0	0	0
1/6/2024 10:53	52401 GRPA_T2	11	16	5	0.55	0.42	-0.13	0	0	0	0	0	0	0	0
1/6/2024 10:53	43401 BENT_T1	0	2	2	0	0	0	0	0	0	0	0	0	0	0
1/6/2024 10:53	60803 BUCK_T1	0	0	0	0	0	0	-1.18	-1.19	1	1	0	600	600	0
1/6/2024 10:54	12701 MACU_T1	0	0	0	0	0	0	-1.98	-1.94	2	2	0	2400	2400	0
1/6/2024 10:54	47001 HUGH_T2	0	0	0	0	0	0	-1.56	-1.52	1	1	0	900	900	0
1/6/2024 10:55	47001 HUGH_T2	0	0	0	0	0	0	-1.56	-1.52	1	1	0	900	900	0
1/6/2024 10:55	52004 LING_T2	1	1	0	2.1	1.8	-0.3	0	0	0	0	0	0	0	0
1/6/2024 10:59	57401 SPAN_T1	0	0	0	0	0	0	-1.48	-1.49	1	1	0	600	600	0
1/6/2024 11:00	16101 BING_T2	130	111	-19	0.83	0.66	-0.17	-0.25	-0.24	0	0	0	0	0	0
1/6/2024 11:01	60305 TWVA_T2	0	0	0	0	0	0	1.23	1.13	0	0	0	0	0	0
1/6/2024 11:02	56801 BENV_T1	3	2	-1	0.33	0.3	-0.03	-1.08	-1.08	2	2	0	1200	1200	0
1/6/2024 11:03	61102 BERK_T5	0	0	0	0	0	0	-0.37	-0.42	1	1	0	300	300	0
1/6/2024 11:03	64101 REFR_T1	0	0	0	0	0	0	0.06	0.07	0	0	0	0	0	0
1/6/2024 11:04	61102 BERK_T5	0	0	0	0	0	0	-0.37	-0.42	1	1	0	300	300	0
1/6/2024 11:07	53901 HALI_T2	0	0	0	0	0	0	-0.3	-0.33	0	0	0	0	0	0
1/6/2024 11:09	52004 LING_T2	1	1	0	1.8	1.9	0.1	0	0	0	0	0	0	0	0
1/6/2024 11:13	64101 REFR_T1	0	0	0	0	0	0	0.07	0.07	0	0	0	0	0	0
1/6/2024 11:14	44401 SALE_T2	0	0	0	0	0	0	-0.11	-0.1	0	0	0	0	0	0
1/6/2024 11:15	65902 SAKR_T2	0	0	0	0	0	0	-0.61	-0.61	1	1	0	300	300	0
1/6/2024 11:16	41601 CLEV_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1/6/2024 11:17	66703 STRA_T1	2	1	-1	0.5	0.1	-0.4	0	0	0	0	0	0	0	0
1/6/2024 11:20	41602 CLEV_T1	0	1	1	0	0.2	0.2	0	0	0	0	0	0	0	0
1/6/2024 11:20	41801 GOCI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1/6/2024 11:21	45702 LIND_T2	0	0	0	0	0	0	-0.4	-0.37	0	0	0	0	0	0
1/6/2024 11:22	52401 GRPA_T2	12	51	39	0.55	0.5	-0.05	0	0	0	0	0	0	0	0
1/6/2024 11:22	40101 HUNT_T2	87	310	223	0.46	0.66	0.2	-0.78	-0.78	0	0	0	0	0	0
1/6/2024 11:22	41801 GOCI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1/6/2024 11:23	57303 MOAL_T2	1	1	0	7.9	7.8	-0.1	0	0	0	0	0	0	0	0
1/6/2024 11:23	64303 LINC_T1	0	0	0	0	0	0	-1.01	-1	0	0	0	0	0	0
1/6/2024 11:24	40101 HUNT_T2	87	310	223	0.46	0.66	0.2	-1.17	-1.17	0	0	0	0	0	0
1/6/2024 11:24	60604 NCOL_T2	0	0	0	0	0	0	0.3	0.27	0	0	0	0	0	0
1/6/2024 11:26	64301 LINC_T1	0	0	0	0	0	0	-0.38	-0.34	1	1	0	600	600	0
1/6/2024 11:26	60501 NMAN_T2	3	3	0	4.03	3.57	-0.46	0	0	0	0	0	0	0	0
1/6/2024 11:28	27502 WEIS_T2	0	1	1	0	0	0	-0.98	-0.95	0	0	0	0	0	0
1/6/2024 11:28	53901 HALI_T2	0	0	0	0	0	0	-0.31	-0.31	0	0	0	0	0	0
1/6/2024 11:29	60604 NCOL_T2	0	0	0	0	0	0	0.3	0.27	0	0	0	0	0	0
1/6/2024 11:30	27502 WEIS_T2	0	3	3	0	0	0	-0.98	-0.95	0	0	0	0	0	0
1/6/2024 11:36	64201 KINZ_T1	0	0	0	0	0	0	-0.67	-0.74	3	3	0	1500	1500	0
1/6/2024 11:36	11104 EGYP_T1	0	0	0	0	0	0	-0.38	-0.42	1	1	0	900	900	0
1/6/2024 11:37	64204 KINZ_T1	0	1	1	0	0.2	0.2	0	0	0	0	0	0	0	0
1/6/2024 11:37	40901 JESH_T1	1	1	0	0.5	0.5	0	0	0	0	0	0	0	0	0
1/6/2024 11:37	45702 LIND_T2	0	0	0	0	0	0	-0.37	-0.41	0	0	0	0	0	0
1/6/2024 11:37	52002 LING_T2	0	1	1	0	0.1	0.1	0.08	0.03	0	0	0	0	0	0
1/6/2024 11:37	11104 EGYP_T1	0	0	0	0	0	0	-0.38	-0.42	1	1	0	900	900	0
1/6/2024 11:38	52004 LING_T2	1	1	0	2.1	1.8	-0.3	0	0	0	0	0	0	0	0
1/6/2024 11:39	64201 KINZ_T1	0	0	0	0	0	0	-0.74	-0.6	3	3	0	1500	1500	0
1/6/2024 11:39	52004 LING_T2	1	1	0	2.1	1.8	-0.3	0	0	0	0	0	0	0	0
1/6/2024 11:41	52002 LING_T2	0	1	1	0	0.1	0.1	0.03	0.14	0	0	0	0	0	0
1/6/2024 11:42	52002 LING_T2	0	1	1	0	0.1	0.1	0.03	0.14	0	0	0	0	0	0
1/6/2024 11:42	40301 TAMA_T3	1	1	0	0	0	0	0	0	0	0	0	0	0	0
1/6/2024 11:43	14401 SSLA_T1	11	11	0	1.03	0.93	-0.1	0	0	0	0	0	0	0	0
1/6/2024 11:43	56501 ROCK_T2	1	1	0	0.3	0.7	0.4	-2.14	-2.14	0	0	0	0	0	0
1/6/2024 11:44	56501 ROCK_T2	1	1	0	0.3	0.7	0.4	-6.43	-6.41	0	0	0	0	0	0
1/6/2024 11:45	57104 SPHI_T2	1	1	0	0.9	1	0.1	0	0	0	0	0	0	0	0
1/6/2024 11:45	56501 ROCK_T2	1	2	1	1	0.7	-0.3	0	0	0	0	0	0	0	0
1/6/2024 11:46	56501 ROCK_T2	1	2	1	1	0.7	-0.3	-6.43	-6.41	0	0	0	0	0	0
1/6/2024 11:47	14403 SSLA_T1	2	6	4	0.15	0.15	0	0.68	0.64	2	2	0	1200	1200	0
1/6/2024 11:48	67901 WNHO_T2	7	16	9	0.13	0.16	0.03	-0.56	-0.53	0	0	0	0	0	0
1/6/2024 11:52	64204 KINZ_T1	0	1	1	0	0.5	0.5	0	0	0	0	0	0	0	0
1/6/2024 11:52	40901 JESH_T1	1	1	0	0.5	0.8	0.3	0	0	0	0	0	0	0	0
1/6/2024 11:54	64204 KINZ_T1	0	1	1	0	0.5	0.5	0	0	0	0	0	0	0	0
1/6/2024 11:55	57303 MOAL_T2	1	1	0	7.8	7.9	0.1	0	0	0	0	0	0	0	0
1/6/2024 11:56	58402 MORO_T1	0	0	0	0	0	0	-1.19	-1.18	3	3	0	2400	2400	0
1/6/2024 11:56	65604 QVIL_T2	0	0	0	0	0	0	0.48	0.53	0	0	0	0	0	0
1/6/2024 11:58	40301 TAMA_T3	1	1	0	0	0	0	0	0	0	0	0	0	0	0
1/6/2024 11:58	14403 SSLA_T1	2	6	4	0.15	0.15	0	0.32	0.3	1	1	0	600	600	0
1/6/2024 11:58	44901 SCOT_T2	0	0	0	0	0	0	-0.48	-0.46	0	0	0	0	0	0
1/6/2024 11:59	44901 SCOT_T2	0	0	0	0	0	0	-0.48	-0.46	0	0	0	0	0	0
1/6/2024 12:01	57106 SPHI_T2	3	3	0	0.7	0.63	-0.07	0	0	0	0	0	0	0	0
1/6/2024 12:02	14404 SSLA_T1	0	1	1	0	0	0	0	0	0	0	0	0	0	0
1/6/2024 12:03	11101 EGYP_T1	0	0	0	0	0	0	-0.56	-0.61	1	1	0	1200	1200	0
1/6/2024 12:08	40901 JESH_T1	1	1	0	0.8	1.1	0.3	0	0	0	0	0	0	0	0
1/6/2024 12:11	55002 NEWP_T1	0	0	0	0	0	0	-0.12	-0.15	0	0	0	0	0	0
1/6/2024 12:11	65604 QVIL_T2	0	0	0	0	0	0	0.53	0.5	0	0	0	0	0	0
1/6/2024 12:12	55002 NEWP_T1	0	0	0	0	0	0	-0.12	-0.15	0	0	0	0	0	0
1/6/2024 12:14	14404 SSLA_T1	0	1	1	0	0	0	0	0	0	0	0	0	0	0
1/6/2024 12:14	55001 NEWP_T1	1	0	-1	0.3	0	-0.3	0	0	0	0	0	0

1/6/2024 14:10	63403 HONY_T2	0	0	0	0	0	0	-0.5	-0.48	1	1	0	600	600	0
1/6/2024 14:11	52002 LING_T2	0	1	1	0	0	0	0.13	0.13	0	0	0	0	0	0
1/6/2024 14:12	41901 REED_T1	5	9	4	0.46	0.44	-0.02	-2.03	-2.02	1	1	0	900	900	0
1/6/2024 14:12	65604 QVIL_T2	1	0	-1	0.5	0	-0.5	0.52	0.51	0	0	0	0	0	0
1/6/2024 14:13	58401 MORO_T1	0	0	0	0	0	0	-0.88	-0.93	1	1	0	600	600	0
1/6/2024 14:14	40301 TAMA_T3	1	1	0	0	0	0	0	0	0	0	0	0	0	0
1/6/2024 14:14	20402 ASHF_T2	10	22	12	1.15	1.13	-0.02	0	0	0	0	0	0	0	0
1/6/2024 14:14	44901 SCOT_T2	0	0	0	0	0	0	-0.53	-0.53	0	0	0	0	0	0
1/6/2024 14:16	27502 WEIS_T2	3	3	0	0.33	0.3	-0.03	-0.91	-0.87	0	0	0	0	0	0
1/6/2024 14:16	41901 REED_T1	9	9	0	0.39	0.48	0.09	0	0	0	0	0	0	0	0
1/6/2024 14:16	40201 BEGA_T2	5	2	-3	0.84	0.8	-0.04	0	0	0	0	0	0	0	0
1/6/2024 14:18	20403 ASHF_T2	1	0	-1	0.3	0	-0.3	0.58	0.55	0	0	0	0	0	0
1/6/2024 14:18	27502 WEIS_T2	3	3	0	0.33	0.3	-0.03	-0.91	-0.87	0	0	0	0	0	0
1/6/2024 14:20	62606 ENGL_T1	0	1	1	0	0	0	0	0	0	0	0	0	0	0
1/6/2024 14:20	20403 ASHF_T2	1	0	-1	0.3	0	-0.3	0.58	0.55	0	0	0	0	0	0
1/6/2024 14:22	64201 KINZ_T1	0	0	0	0	0	0	-0.66	-0.61	3	3	0	1500	1500	0
1/6/2024 14:22	62606 ENGL_T1	0	1	1	0	0	0	0	0	0	0	0	0	0	0
1/6/2024 14:23	62604 ENGL_T1	0	0	0	0	0	0	-1.77	-1.79	1	1	0	600	600	0
1/6/2024 14:24	62606 ENGL_T1	0	1	1	0	0	0	0	0	0	0	0	0	0	0
1/6/2024 14:24	64203 KINZ_T1	6	11	5	0.53	0.93	0.4	0	0	0	0	0	0	0	0
1/6/2024 14:25	64203 KINZ_T1	6	11	5	0.53	0.93	0.4	0	0	0	0	0	0	0	0
1/6/2024 14:25	47401 PENS_T1	0	0	0	0	0	0	1.49	1.45	0	0	0	0	0	0
1/6/2024 14:26	41901 REED_T1	9	9	0	0.39	0.48	0.09	0	0	0	0	0	0	0	0
1/6/2024 14:27	56501 ROCK_T2	2	3	1	0.7	0.4	-0.3	-4.25	-4.27	0	0	0	0	0	0
1/6/2024 14:28	57401 SPAN_T1	0	0	0	0	0	0	-1.18	-1.19	1	1	0	600	600	0
1/6/2024 14:28	41901 REED_T1	9	9	0	0.39	0.48	0.09	-2.02	-2.01	1	1	0	900	900	0
1/6/2024 14:28	65604 QVIL_T2	0	0	0	0	0	0	0.51	0.51	0	0	0	0	0	0
1/6/2024 14:28	58402 MORO_T1	0	0	0	0	0	0	-1.23	-1.28	3	3	0	2400	2400	0
1/6/2024 14:28	67103 SPRI_T1	0	0	0	0	0	0	-0.16	-0.14	0	0	0	0	0	0
1/6/2024 14:29	57401 SPAN_T1	0	0	0	0	0	0	-3.55	-3.56	3	3	0	1800	1800	0
1/6/2024 14:29	47403 PENS_T1	1	1	0	1.9	1.9	0	0	0	0	0	0	0	0	0
1/6/2024 14:30	44901 SCOT_T2	0	0	0	0	0	0	-0.53	-0.51	0	0	0	0	0	0
1/6/2024 14:30	40302 TAMA_T3	0	0	0	0	0	0	-1.22	-1.22	1	1	0	1200	1200	0
1/6/2024 14:31	57401 SPAN_T1	0	0	0	0	0	0	-1.18	-1.19	1	1	0	600	600	0
1/6/2024 14:32	57403 SPAN_T1	1	0	-1	0.4	0	-0.4	0	0	0	0	0	0	0	0
1/6/2024 14:32	41601 CLEV_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1/6/2024 14:33	10602 BLGL_T2	1	2	1	5.8	6.3	0.5	0.49	0.52	0	0	0	0	0	0
1/6/2024 14:33	62606 ENGL_T1	0	1	1	0	0	0	0	0	0	0	0	0	0	0
1/6/2024 14:34	41602 CLEV_T1	1	1	0	0.6	0	-0.6	0	0	0	0	0	0	0	0
1/6/2024 14:36	62606 ENGL_T1	0	1	1	0	0	0	0	0	0	0	0	0	0	0
1/6/2024 14:38	62604 ENGL_T1	0	0	0	0	0	0	-1.79	-1.77	1	1	0	600	600	0
1/6/2024 14:38	57301 MOAL_T2	0	1	1	0	0	0	0	0	0	0	0	0	0	0
1/6/2024 14:39	52004 LING_T2	1	1	0	2	2.3	0.3	0	0	0	0	0	0	0	0
1/6/2024 14:40	52004 LING_T2	1	1	0	2	2.3	0.3	0	0	0	0	0	0	0	0
1/6/2024 14:41	59302 MCAL_T1	0	1	1	0	0	0	0	0	0	0	0	0	0	0
1/6/2024 14:42	52004 LING_T2	1	1	0	2	2.3	0.3	0	0	0	0	0	0	0	0
1/6/2024 14:42	41902 REED_T1	4	5	1	0.15	0.4	0.25	0.26	0.29	1	1	0	900	900	0
1/6/2024 14:42	52501 PROG_T1	0	0	0	0	0	0	-0.33	-0.33	0	0	0	0	0	0
1/6/2024 14:43	56501 ROCK_T2	3	3	0	0.37	0.2	-0.17	-2.13	-2.15	0	0	0	0	0	0
1/6/2024 14:43	65604 QVIL_T2	0	0	0	0	0	0	0.51	0.55	0	0	0	0	0	0
1/6/2024 14:44	57401 SPAN_T1	0	0	0	0	0	0	-2.37	-2.4	2	2	0	1200	1200	0
1/6/2024 14:44	59101 WALK_T2	1	2	1	0	0	0	0.53	0.54	2	2	0	1050	1050	0
1/6/2024 14:44	41901 REED_T1	9	10	1	0.41	0.51	0.1	-2.01	-2.02	1	1	0	900	900	0
1/6/2024 14:46	24901 WHHA_T1	1	1	0	1.2	0	-1.2	0	0	0	0	0	0	0	0
1/6/2024 14:46	57401 SPAN_T1	0	1	1	0	0	0	-1.19	-1.2	1	1	0	600	600	0
1/6/2024 14:47	57401 SPAN_T1	0	1	1	0	0	0	-1.19	-1.2	1	1	0	600	600	0
1/6/2024 14:47	56501 ROCK_T2	2	2	0	0.4	5.6	5.2	-2.13	-2.15	0	0	0	0	0	0
1/6/2024 14:47	60101 COCA_T1	1	1	0	0.7	0	-0.7	0.44	0.49	0	0	0	0	0	0
1/6/2024 14:49	57304 MOAL_T2	0	0	0	0	0	0	-1.04	-1.05	0	0	0	0	0	0
1/6/2024 14:50	41801 GOCI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1/6/2024 14:50	57401 SPAN_T1	0	1	1	0	0	0	-1.19	-1.2	1	1	0	600	600	0
1/6/2024 14:55	42002 MNVL_T2	1	1	0	7.5	7.2	-0.3	0	0	0	0	0	0	0	0
1/6/2024 14:57	44901 SCOT_T2	0	0	0	0	0	0	-0.51	-0.52	0	0	0	0	0	0
1/6/2024 14:58	45402 WBLO_T2	0	11	11	0	0.18	0.18	-1.37	-1.35	1	1	0	900	900	0
1/6/2024 14:58	23001 SAJO_T1	0	0	0	0	0	0	-0.86	-0.87	0	0	0	0	0	0
1/6/2024 14:59	57303 MOAL_T2	1	1	0	7.7	7.6	-0.1	0	0	0	0	0	0	0	0
1/6/2024 15:00	23001 SAJO_T1	0	0	0	0	0	0	-0.86	-0.87	0	0	0	0	0	0
1/6/2024 15:02	57401 SPAN_T1	0	0	0	0	0	0	-1.2	-1.1	1	1	0	600	600	0
1/6/2024 15:04	43001 ALWD_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1/6/2024 15:04	10602 BLGL_T2	1	2	1	5.9	6.7	0.8	0.53	0.54	0	0	0	0	0	0
1/6/2024 15:05	57401 SPAN_T1	0	0	0	0	0	0	-2.4	-2.2	2	2	0	1200	1200	0
1/6/2024 15:06	52402 GRPA_T2	2	1	-1	1.35	1.6	0.25	0	0	0	0	0	0	0	0
1/6/2024 15:06	47901 HRDG_T1	0	0	0	0	0	0	0.87	0.64	0	0	0	0	0	0
1/6/2024 15:06	57401 SPAN_T1	0	0	0	0	0	0	-1.2	-1.1	1	1	0	600	600	0
1/6/2024 15:08	52403 GRPA_T2	5	61	56	0.58	0.45	-0.13	0	0	0	0	0	0	0	0
1/6/2024 15:08	13503 MCMI_T2	301	283	-18	0.86	0.9	0.04	0.42	0.42	0	0	0	0	0	0
1/6/2024 15:08	47901 HRDG_T1	0	0	0	0	0	0	0.64	0.86	0	0	0	0	0	0
1/6/2024 15:10	64101 REFR_T1	0	0	0	0	0	0	0.07	0.07	0	0	0	0	0	0
1/6/2024 15:11	56801 BENV_T1	8	10	2	0.98	0.53	-0.45	0	0	0	0	0	0	0	0
1/6/2024 15:11	64101 REFR_T1	0	0	0	0	0	0	0.07	0.07	0	0	0	0	0	0
1/6/2024 15:11	51107 CARL_T1	0	0	0	0	0	0	-0.89	-1.08	0	0	0	0	0	0
1/6/2024 15:12	56801 BENV_T1	8	10	2	0.98	0.53	-0.45	-1.07	-1.07	2	2	0	1200	1200	0
1/6/2024 15:13	44301 BEAV_T2	2	2	0	0.6	0.9	0.3	-0.87	-0.83	1	1	0	600	600	0
1/6/2024 15:15	64101 REFR_T1	0	0	0	0	0	0	0.07	0.07	0	0	0	0	0	0
1/6/2024 15:15	57301 MOAL_T2	0	1	1	0	0	0	0	0	0	0	0	0	0	0
1/6/2024 15:16	57401 SPAN_T1	0	0	0	0	0	0	-1.1	-1.23	1	1	0	600	600	0
1/6/2024 15:16	40302 TAMA_T3	0	0	0	0	0	0	-1.21	-1.22	1	1	0	1200	1200	0
1/6/2024 15:17	56803 BENV_T1	1	1	0	0.5	0	-0.5	0	0	0	0	0	0	0	0
1/6/2024 15:17	57401 SPAN_T1	0	0	0	0	0	0	-1.1	-1.23	1	1	0	600	600	0
1/6/2024 15:20	59101 WALK_T2	2	1	-1	0.1	0	-0.1	0.6	0.66	2	2	0	1050	1050	0
1/6/2024 15:20	64101 REFR_T1	0	0	0	0	0	0	0.07	0.07	0	0	0	0	0	0
1/6/2024 15:21	60104 COCA_T2	4	4	0	0.2	0.48	0.28	0	0	0	0	0	0	0	0
1/6/2024 15:21	23901 EFMO_T2	7	10	3	1.09	0.36	-0.73	-0.7	-0.69	0	0	0	0	0	0
1/6/2024 15:22	42001 MNVL_T2	0	1	1	0	0	0	0	0	0	0	0	0	0	0
1/6/2024 15:22	52402 GRPA_T2	1	2	1	1	1.8	0.8	0	0	0	0	0	0	0	0
1/6/2024 15:22	47104 MARL_T1	0	2	2	0	0	0	0	0	0	0	0	0	0	0
1/6/2024 15:22	64101 REFR_T1	0	0	0	0	0	0	0.07	0.07	0	0	0	0	0	0
1/6/2024 15:24	52403 GRPA_T2	6	62	56	0.73	0.52	-0.21	0	0	0	0	0	0	0	0
1/6/2024 15:24	52401 GRPA_T2	18	7	-11	0.38	0.3	-0.08	0	0	0	0	0	0	0	0
1/6/2024 15:24	42001 MNVL_T2	0	1	1	0	0	0	0	0	0	0	0	0	0	0
1/6/2024 15:25	56501 ROCK_T2	1	2	1	5.9	1.05	-4.85	-2.15	-2.23	0	0	0	0	0	0
1/6/2024 15:25	65001 NEFF_T2	0	0	0	0	0	0	-1.27	-1.31	1	1	0	1200	1200	0
1/6/2024 15:25	62604 ENGL_T1	0	0	0	0	0	0	-1.78	-1.79	1	1	0	600	600	0
1/6/2024 15:26	56803 BENV_T1	1	1	0	0.5	0	-0.5	0	0	0	0	0	0	0	0
1/6/2024 15:27	55001 NEWP_T1	0	0	0	0	0	0	-0.59	-0.6	1	1	0	600	600	0
1/6/2024 15:27	52403 GRPA_T2	6	62	56	0.73	0.52	-0.21	0	0	0	0	0	0	0	0
1/6/2024 15:27	56803 BENV_T1	1	1	0	0.5	0	-0.5	0.09	0.08	0	0	0	0	0	0
1/6/2024 15:28	52004 LING_T2	2	1	-1	1.35	2	0.65	0	0	0	0	0	0	0	0
1/6/2024 15:28	65001 NEFF_T2	0	0	0	0	0	0	-1.27	-1.31	1	1	0	1200	1200	0
1/6/2024 15:29	56501 ROCK_T2	1	2	1	5.9	1.05	-4.85	-2.15	-2.23	0	0	0	0	0	0
1/6/2024 15:29	64101 REFR_T1	0	0	0	0	0	0	0.07	0.08	0	0	0	0	0	0
1/6/2024 15:30	64101 REFR_T1	0	0	0	0	0	0	0.07	0.08	0	0	0	0	0	0
1/6/2024 15:30	57403 SPAN_T1	0	1	1	0	0	0	0	0	0	0	0	0	0	0
1/6/2024 15:30	56501 ROCK_T2	2	3	1	2.05	0.4	-1.65	-2.15	-2.23	0	0	0	0	0	0
1/6/2024 15:31	59101 WALK_T2	1	1	0	0	0	0	0.66	0.44	2	2	0	1050	1050	0
1/6/2024 15:31	64101 REFR_T1	0	0	0	0	0	0	0.07	0.08	0	0	0	0	0	0
1/6/2024 15:32	53901 HALI_T2	0	2	2	0	0	0	0	0	0	0	0	0	0	0
1/6/2024 15:33	59301 MCAL_T1	0	0	0	0	0	0	-2.17	-2.2	1	1	0	600	600	0
1/6/2024 15:35	52401 GRPA_T2	3	6	3	0.37	0.23	-0.14	0	0	0	0	0	0	0	0
1/6/2024 15:37	59101 WALK_T2	1	1	0	0	0	0	0.66	0.44	2	2	0	1050	1050	0
1/6/2024 15:38	52401 GRPA_T2	3	6	3	0.37	0.23	-0.14	0	0	0	0	0	0	0	0
1/6/2024 15:39	64203 KINZ_T1	6	8	2	0.63	0.1	-0.53	0	0	0	0	0	0	0	0
1/6/2024 15:40	52202 DEVO_T2	0	1	1	0	0	0	-1.27	-1.26	0	0	0	0	0	0
1/6/2024 15:40	52403 GRPA_T2	59	61	2	0.51	0.51	0	-0.31	-0.29	0	0	0	0	0	0
1/6/2024 15:40	60101 COCA_T1	0	0	0	0	0	0	0.47	0.5	0	0	0	0	0	0
1/6/2024 15:40	59101 WALK_T2	1	2	1	0	0	0	0.44	0.22	2	2	0	1050	1050	0
1/6/2024 15:41	56501 ROCK_T2	2	3	1	2.05	0.4	-1.65	-2.23	-2.12	0	0	0	0	0	0
1/6/2024 15:41	66504 SMAN_T2	0	0	0	0	0	0	-1.6	-1.61	1	1	0	1200	1200	0
1/6/2024 15:41	52202 DEVO_T2	0	1	1	0	0	0	-1.27	-1.26	0	0	0	0	0	0
1/6/2024 15:41	67103 SPRI_T1	0	0	0	0	0	0	-0.17	-0.15	0	0	0	0	0	0
1/6/2024 15:42	52101 MEIS_T1	0	1	1	0	0.2	0.2	0	0	0	0	0	0	0	0
1/6/2024 15:43	53901 HALI_T2	0	2	2	0	0	0	-0.31	-0.29	0	0	0	0	0	0
1/6/2024 15:43	64101 REFR_T1	0	0	0	0	0	0	0.08	0.06	0	0	0	0	0	0
1/6/2024 15:44	45302 WBER_T2	5	20	15	0.88	0.75	-0.13	0.86	0.89	0	0	0	0	0	0
1/6/2024 15:44	52101 MEIS_T1	0	1	1	0	0.2	0.2	0	0	0	0	0	0	0	0
1/6/2024 15:45	59101 WALK_T2	1	1	0	0	0	0	0.44	0.22	2	2	0	1050	1050	0
1/6/2024 15:46	57106 SPHI_T2	3	3	0	0.83	0.87	0.04	0	0	0	0	0	0	0	0
1/6/2024 15:46	45302 WBER_T2	4	20	16	0.75	0.42	-0.33	0.86	0.89	0	0	0	0	0	0
1/6/2024 15:47	59101 WALK_T2	1	1	0	0	0	0	0.44	0.22	2	2	0	1050	1050	0
1/6/2024 15:47	66505 SMAN_T2	0	1	1	0	0.1	0.1	0	0	0	0	0	0	0	0
1/6/2024 15:47	23901 EFMO_T2	10	6	-4	0.32	0.28	-0.04	-0.69	-0.71	0	0	0	0	0	0
1/6/2024 15:49	44301 BEAV_T2	1	4	3	1.4	1.1	-0.3	-0.85	-0.87	1	1	0	600	600	0
1/6/2024 15:50	64101 REFR_T1	0	0	0	0	0	0	0.08	0.06	0	0	0	0	0	0
1/6/2024 15:51	67103 SPRI_T1	0	0	0	0	0	0	-0.17	-0.15	0	0	0	0	0	0
1/6/2024 15:52	56801 BENV_T1	8	8	0	1.18	0.43	-0.75	-1.11	-1.04	2	2	0	1200	1200	0
1/6/2024 15:52	40101 HUNT_T2	290	426	136	0.89	1.05	0.16	-0.37	-0.36	0	0	0	0	0	0
1/6/2024 15:53	53901 HALI_T2	0	2	2	0	1.75	1.75	-0.31	-0.29	0	0	0	0	0	0
1/6/2024 15:54	40101 HUNT_T2	290	426	136	0.89	1.05	0.16	-0.36	-0.35	0	0	0	0	0	0
1/6/2024 15:54	52102 MEIS_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1/6/2024 15:55	59302 MCAL_T1	0	0	0	0	0	0	-0.7	-0.68	1	1	0	600	600	0
1/6/2024 15:56	40101 HUNT_T2	290	426	136	0.89	1.05	0.16	-0.36	-0.35	0	0	0	0	0	0
1/6/2024 15:56	57303 MOAL_T2	1	1	0	8	7.9	-0.1	0	0	0	0	0	0	0	0
1/6/2024 15:56	42902 MIDD_T2	6	39	33	0.93	0.89	-0.04	-1.2	-1.2	1	1	0	600	600	0
1/6/2024 15:57	56501 ROCK_T2	2	2	0	1.05	1.1	0.05	0	0	0	0	0	0	0	0
1/6/2024 15:57	52102 MEIS_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1/6/2024 16:01	15001 BLMO_T1	0	4	4	0	0	0	0	0	0	0	0	0	0	0
1/6/2024 16:02	56803 BENV_T1	0	2	2	0	1.5	1.5	0	0	0	0	0	0	0	0
1/6/2024 16:02	40101 HUNT_T2	332	561	229	1.05	1.08	0.03	-0.36	-0.35	0	0	0	0	0	0
1/6/2024 16:02	52204 DEVO_T2	6	6	0	1.43	1.22	-0.21	0	0	0	0	0	0	0	0
1/6/2024 16:02	60502 NMAN_T2	0	0	0	0	0	0	-0.49	-0.45	0	0	0	0	0	0
1/6/2024 16:02	67103 SPRI_T1	0	0	0	0	0	0	-0.3	-0.32	0	0	0	0	0	0
1/6/2024 16:04	56803 BENV_T1	0	2	2	0	1.5	1.5	0.08	0.1	0	0	0	0	0	0
1/6/2024 16:04	47401 PENS_T1	0	0	0	0	0	0	0.82	0.79	0	0	0	0	0	0
1/6/2024 16:04	59101 WALK_T2	1	1	0	0	0	0	0.22	0.62	2	2	0	1050	1050	0
1/6/2024 16:05	60803 BUCK_T1	0	0	0	0	0	0	-1.19	-1.14	1	1	0	600	600	0
1/6/2024 16:06	60803 BUCK_T1	0	0	0	0	0	0	-1.19	-1.14	1	1	0	600	600	0
1/6/2024 16:06	15001 BLMO_T1	0	4	4	0	0	0	0	0	0	0	0	0	0	0
1/6/2024 16:06	60101 COCA_T1	0	1	1	0	0	0	0.5	0.48	0	0	0	0	0	0
1/6/2024 16:07	52004 LING_T2	1	2	1	2	2.4	0.4	0	0	0	0	0	0	0	0
1/6/2024 16:07	64204 KINZ_T1	0	1	1	0	0.6	0.6	0	0	0	0	0	0	0	0
1/6/2024 16:08	59101 WALK_T2	1	1	0	0	0	0	0.22	0.62	2	2	0	1050	1050	0
1/6/2024 16:09	64203 KINZ_T1	8	6	-2	1.19	1.4	0.21	0	0	0	0	0	0	0	0
1/6/2024 16:09	52002 LING_T2	0	5	5	0	0	0	0.1	0.11	0	0	0	0	0	0
1/6/2024 16:10	56803 BENV_T1	0	2	2	0	1.5	1.5	0	0	0	0	0	0	0	0
1/6/2024 16:10	64203 KINZ_T1	8	6	-2	1.19	1.4	0.21	0	0	0	0	0	0	0	0
1/6/2024 16:10	41801 GOCI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1/6/2024 16:10	64801 MONE_T2	1	1	0	0.8	0	-0.8	-0.43	-0.34	0	0	0	0	0	0
1/6/2024 16:11	60101 COCA_T1	0	0	0	0	0	0	0.48	0.49	0	0	0	0	0	0
1/6/2024 16:11	53901 HALI_T2	2	2	0	1.95	0.8	-1.15	-0.31	-0.3	0	0	0

Appendix C - Grid Benefits Achieved in Each Instance of Active Management

1/6/2024 16:36	44901 SCOT_T2	0	0	0	0	0	0	-0.58	-0.6	0	0	0	0	0	0
1/6/2024 16:36	40502 CRES_T2	7	12	5	0.13	0.22	0.09	-0.45	-0.36	0	0	0	0	0	0
1/6/2024 16:36	42201 SHEN_T2	0	0	0	0	0	0	0.14	0.16	1	1	0	600	600	0
1/6/2024 16:36	67602 WARW_T2	0	0	0	0	0	0	0.38	0.4	0	0	0	0	0	0
1/6/2024 16:37	52401 GRPA_T2	57	40	-17	0.51	0.44	-0.07	0	0	0	0	0	0	0	0
1/6/2024 16:37	44901 SCOT_T2	0	0	0	0	0	0	-0.58	-0.6	0	0	0	0	0	0
1/6/2024 16:38	40502 CRES_T2	7	12	5	0.13	0.22	0.09	-0.36	-0.36	0	0	0	0	0	0
1/6/2024 16:40	42902 MIDD_T2	20	53	33	0.59	0.93	0.34	-1.15	-1.17	1	1	0	600	600	0
1/6/2024 16:40	47901 HRDG_T1	0	0	0	0	0	0	0.56	0.52	0	0	0	0	0	0
1/6/2024 16:41	42902 MIDD_T2	20	53	33	0.59	0.93	0.34	-2.3	-2.35	2	2	0	1200	1200	0
1/6/2024 16:42	59302 MCAL_T1	0	0	0	0	0	0	-0.66	-0.69	1	1	0	600	600	0
1/6/2024 16:43	56803 BENV_T1	2	5	3	0.85	0.1	-0.75	0	0	0	0	0	0	0	0
1/6/2024 16:45	56801 BENV_T1	2	13	11	0.2	0.5	0.3	-1	-1.02	2	2	0	1200	1200	0
1/6/2024 16:46	64204 KINZ_T1	1	0	-1	0.2	0	-0.2	0	0	0	0	0	0	0	0
1/6/2024 16:46	40502 CRES_T2	12	10	-2	0.33	0.24	-0.09	-0.36	-0.36	0	0	0	0	0	0
1/6/2024 16:46	48302 ORWI_T2	0	5	5	0	0	0	-0.41	-0.39	0	0	0	0	0	0
1/6/2024 16:46	66505 SMAN_T2	1	0	-1	0.1	0	-0.1	-0.56	-0.57	2	2	0	1100	1100	0
1/6/2024 16:46	12701 MACU_T1	0	0	0	0	0	0	-0.9	-0.92	1	1	0	1200	1200	0
1/6/2024 16:47	45501 DERR_T2	0	2	2	0	0	0	-0.7	-0.65	2	2	0	1800	1800	0
1/6/2024 16:47	65001 NEFF_T2	0	0	0	0	0	0	-1.31	-1.25	1	1	0	1200	1200	0
1/6/2024 16:48	47901 HRDG_T1	0	0	0	0	0	0	0.56	0.52	0	0	0	0	0	0
1/6/2024 16:48	40502 CRES_T2	12	10	-2	0.33	0.24	-0.09	-0.36	-0.36	0	0	0	0	0	0
1/6/2024 16:49	53901 HAU_T2	2	3	1	0.85	1.9	1.05	-0.31	-0.31	0	0	0	0	0	0
1/6/2024 16:50	55001 NEWP_T1	17	40	23	0.51	0.53	0.02	-0.57	-0.55	1	1	0	600	600	0
1/6/2024 16:50	40502 CRES_T2	12	10	-2	0.33	0.24	-0.09	-2.16	-2.19	0	0	0	0	0	0
1/6/2024 16:50	40101 HUNT_T2	465	696	231	1.1	1.02	-0.08	-0.32	-0.27	0	0	0	0	0	0
1/6/2024 16:51	45501 DERR_T2	0	2	2	0	0	0	-0.7	-0.65	2	2	0	1800	1800	0
1/6/2024 16:51	64202 KINZ_T1	0	1	1	0	0.7	0.7	0	0	0	0	0	0	0	0
1/6/2024 16:51	56803 BENV_T1	4	3	-1	0.4	0	-0.4	0	0	0	0	0	0	0	0
1/6/2024 16:51	43401 BENT_T1	2	3	1	0.5	0.25	-0.25	0	0	0	0	0	0	0	0
1/6/2024 16:52	40502 CRES_T2	12	10	-2	0.33	0.24	-0.09	-3.24	-3.28	0	0	0	0	0	0
1/6/2024 16:52	56801 BENV_T1	2	13	11	0.2	0.5	0.3	-1	-1.02	2	2	0	1200	1200	0
1/6/2024 16:53	66702 STRA_T1	0	557	557	0	0.77	0.77	-0.54	-0.55	3	2	-1	2700	1500	-1200
1/6/2024 16:54	55001 NEWP_T1	17	40	23	0.51	0.53	0.02	-0.55	-0.58	1	1	0	600	600	0
1/6/2024 16:54	52102 MEIS_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1/6/2024 16:54	40502 CRES_T2	12	10	-2	0.33	0.24	-0.09	-0.73	-0.79	0	0	0	0	0	0
1/6/2024 16:55	13302 ORVI_T2	3	4	1	0.1	0.1	0	1.21	1.24	0	0	0	0	0	0
1/6/2024 16:55	62604 ENGL_T1	0	0	0	0	0	0	-1.72	-1.72	1	1	0	600	600	0
1/6/2024 16:56	65902 SAKR_T2	0	1	1	0	0	0	0	0	0	0	0	0	0	0
1/6/2024 16:56	40302 TAMA_T3	0	0	0	0	0	0	-1.19	-1.19	1	1	0	1200	1200	0
1/6/2024 16:56	53501 EVIL_T2	2	3	1	0.1	0.35	0.25	-0.52	-0.51	0	0	0	0	0	0
1/6/2024 16:56	55001 NEWP_T1	17	40	23	0.51	0.53	0.02	-0.55	-0.58	1	1	0	600	600	0
1/6/2024 16:56	40101 HUNT_T2	465	696	231	1.1	1.02	-0.08	-0.27	-0.29	0	0	0	0	0	0
1/6/2024 16:56	40502 CRES_T2	12	10	-2	0.33	0.24	-0.09	-0.36	-0.39	0	0	0	0	0	0
1/6/2024 16:56	53901 HAU_T2	2	3	1	0.85	1.9	1.05	-0.62	-0.76	0	0	0	0	0	0
1/6/2024 16:56	47101 MARL_T1	117	149	32	0.49	0.65	0.16	-0.98	-0.97	1	1	0	600	600	0
1/6/2024 16:57	53901 HAU_T2	2	3	1	0.85	1.9	1.05	0	0	0	0	0	0	0	0
1/6/2024 16:58	15001 BLMO_T1	9	19	10	0.49	0.35	-0.14	0	0	0	0	0	0	0	0
1/6/2024 16:58	40502 CRES_T2	12	10	-2	0.33	0.24	-0.09	-0.36	-0.39	0	0	0	0	0	0
1/6/2024 16:59	67602 WARW_T2	0	0	0	0	0	0	0.37	0.41	0	0	0	0	0	0
1/6/2024 17:00	13302 ORVI_T2	4	6	2	0.1	0.13	0.03	1.21	1.24	0	0	0	0	0	0
1/6/2024 17:01	45502 DERR_T2	4	1	-3	0.6	0	-0.6	0	0	0	0	0	0	0	0
1/6/2024 17:01	55001 NEWP_T1	24	39	15	0.54	0	-0.54	-0.55	-0.58	1	1	0	600	600	0
1/6/2024 17:01	47001 HUGH_T2	0	0	0	0	0	0	-1.4	-1.41	1	1	0	900	900	0
1/6/2024 17:01	53901 HAU_T2	2	3	1	2.45	1.17	-1.28	-0.31	-0.38	0	0	0	0	0	0
1/6/2024 17:01	52102 MEIS_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1/6/2024 17:02	27502 WEIS_T2	11	9	-2	0.8	1.25	0.45	-0.85	-0.86	0	0	0	0	0	0
1/6/2024 17:02	56803 BENV_T1	2	1	-1	0.35	0	-0.35	0	0	0	0	0	0	0	0
1/6/2024 17:02	40201 BEGA_T2	8	16	8	1.1	1.28	0.18	0	0	0	0	0	0	0	0
1/6/2024 17:02	40502 CRES_T2	6	14	8	0.33	0.2	-0.13	-1.46	-1.57	0	0	0	0	0	0
1/6/2024 17:02	29402 BELT_T1	82	161	79	0.74	0.82	0.08	0	0	0	0	0	0	0	0
1/6/2024 17:03	66703 STRA_T1	23	80	57	1.05	0.4	-0.65	-1.11	-0.41	0	0	0	0	0	0
1/6/2024 17:03	43402 BENT_T1	1	4	3	0.1	0.8	0.7	-1.53	-1.55	2	2	0	1500	1500	0
1/6/2024 17:03	16302 ALPA_T2	0	0	0	0	0	0	-0.7	-0.73	0	0	0	0	0	0
1/6/2024 17:04	27502 WEIS_T2	11	9	-2	0.8	1.25	0.45	-0.85	-0.86	0	0	0	0	0	0
1/6/2024 17:04	40502 CRES_T2	6	14	8	0.33	0.2	-0.13	-0.73	-0.79	0	0	0	0	0	0
1/6/2024 17:05	43402 BENT_T1	1	4	3	0.1	0.8	0.7	-1.53	-1.55	2	2	0	1500	1500	0
1/6/2024 17:06	66702 STRA_T1	47	440	393	0.76	0	-0.76	-0.55	-1.23	2	2	0	1500	1500	0
1/6/2024 17:06	16302 ALPA_T2	0	0	0	0	0	0	-1.4	-1.46	0	0	0	0	0	0
1/6/2024 17:06	40502 CRES_T2	6	14	8	0.33	0.2	-0.13	-1.09	-1.18	0	0	0	0	0	0
1/6/2024 17:06	42701 AUGU_T1	52	55	3	0.73	0.49	-0.24	0	0	1	1	0	600	600	0
1/6/2024 17:06	29401 BELT_T1	0	1	1	0	0.1	0.1	0	0	0	0	0	0	0	0
1/6/2024 17:06	53901 HAU_T2	2	3	1	2.45	1.17	-1.28	-0.31	-0.38	0	0	0	0	0	0
1/6/2024 17:07	64301 LINC_T1	0	0	0	0	0	0	-0.3	-0.3	1	1	0	600	600	0
1/6/2024 17:07	12701 MACU_T1	0	1	1	0	0	0	-0.92	-0.92	1	1	0	1200	1200	0
1/6/2024 17:08	42701 AUGU_T1	52	55	3	0.73	0.49	-0.24	0	0	1	1	0	600	600	0
1/6/2024 17:08	52102 MEIS_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1/6/2024 17:10	20402 ASHF_T2	53	110	57	0.54	0.56	0.02	0	0	0	0	0	0	0	0
1/6/2024 17:10	45302 WBER_T2	17	18	1	0.45	0.59	0.14	0.67	0.66	0	0	0	0	0	0
1/6/2024 17:11	58401 MORO_T1	0	0	0	0	0	0	-1.54	-1.53	2	2	0	1200	1200	0
1/6/2024 17:11	42901 MIDD_T2	2	5	3	0.5	0.3	-0.2	0	0	0	0	0	0	0	0
1/6/2024 17:12	14402 SSLA_T1	1	1	0	1.2	0	-1.2	0	0	0	0	0	0	0	0
1/6/2024 17:13	47001 HUGH_T2	0	0	0	0	0	0	-1.41	-1.41	1	1	0	900	900	0
1/6/2024 17:13	11104 EGYP_T1	2	9	7	0.3	0.2	-0.1	-0.26	-0.25	1	1	0	900	900	0
1/6/2024 17:14	16402 MOPO_T1	9	14	5	0.4	0.18	-0.22	0.06	0.07	0	0	0	0	0	0
1/6/2024 17:14	42201 SHEN_T2	0	0	0	0	0	0	0.13	0.07	1	1	0	600	600	0
1/6/2024 17:15	67605 WARW_T1	0	0	0	0	0	0	-0.94	-0.97	0	0	0	0	0	0
1/6/2024 17:15	40902 IESH_T1	1	3	2	1.9	0.9	-1	-1.36	-1.34	1	1	0	600	600	0
1/6/2024 17:16	12701 MACU_T1	0	2	2	0	0	0	-0.92	-0.94	1	1	0	1200	1200	0
1/6/2024 17:17	42002 MNVL_T2	1	1	0	7.4	7.4	0	0	0	0	0	0	0	0	0
1/6/2024 17:18	29401 BELT_T1	1	1	0	0.1	0	-0.1	0	0	0	0	0	0	0	0
1/6/2024 17:18	65001 NEFF_T2	0	0	0	0	0	0	-1.28	-1.25	1	1	0	1200	1200	0
1/6/2024 17:19	11104 EGYP_T1	7	4	-3	0.37	0	-0.37	-0.26	-0.25	1	1	0	900	900	0
1/6/2024 17:19	42701 AUGU_T1	55	45	-10	0.77	0.45	-0.32	0	0	1	1	0	600	600	0
1/6/2024 17:19	53501 EVIL_T2	2	3	1	0.3	0.45	0.15	-0.51	-0.49	0	0	0	0	0	0
1/6/2024 17:22	52102 MEIS_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1/6/2024 17:22	60104 COCA_T2	0	1	1	0	0.1	0.1	0	0	0	0	0	0	0	0
1/6/2024 17:22	64303 LINC_T1	0	0	0	0	0	0	-0.98	-0.97	0	0	0	0	0	0
1/6/2024 17:23	65902 SAKR_T2	0	0	0	0	0	0	-0.56	-0.55	1	1	0	300	300	0
1/6/2024 17:23	60501 NMAN_T2	3	3	0	2.53	3.63	1.1	0	0	0	0	0	0	0	0
1/6/2024 17:24	40101 HUNT_T2	684	617	-67	1.25	1.22	-0.03	-0.72	-0.89	0	0	0	0	0	0
1/6/2024 17:25	16302 ALPA_T2	0	0	0	0	0	0	-0.7	-0.71	0	0	0	0	0	0
1/6/2024 17:25	47401 PENS_T1	0	1	1	0	0.1	0.1	-0.49	-0.52	0	0	0	0	0	0
1/6/2024 17:25	16402 MOPO_T1	5	19	14	0.36	0.16	-0.2	0.07	0.12	0	0	0	0	0	0
1/6/2024 17:26	42901 MIDD_T2	5	1	-4	0.74	0	-0.74	0	0	0	0	0	0	0	0
1/6/2024 17:26	65604 QVIL_T2	1	1	0	0.2	0	-0.2	0.57	0.55	0	0	0	0	0	0
1/6/2024 17:27	64101 REFR_T1	0	0	0	0	0	0	0.11	0.13	0	0	0	0	0	0
1/6/2024 17:27	47403 PENS_T1	1	1	0	2.3	2.5	0.2	0	0	0	0	0	0	0	0
1/6/2024 17:28	23001 SAJO_T1	0	1	1	0	1.6	1.6	-0.84	-0.83	0	0	0	0	0	0
1/6/2024 17:28	24902 WHHA_T1	15	12	-3	0.95	0.82	-0.13	0.49	0.51	0	0	0	0	0	0
1/6/2024 17:28	40101 HUNT_T2	684	617	-67	1.25	1.22	-0.03	-0.72	-0.89	0	0	0	0	0	0
1/6/2024 17:28	47401 PENS_T1	0	1	1	0	0.1	0.1	-0.49	-0.52	0	0	0	0	0	0
1/6/2024 17:28	46801 HEPB_T2	2	2	0	0.1	0.2	0.1	-0.3	-0.27	0	0	0	0	0	0
1/6/2024 17:29	12701 MACU_T1	0	2	2	0	0	0	-0.94	-0.9	1	1	0	1200	1200	0
1/6/2024 17:31	45402 WBLO_T2	9	14	5	0.67	0.25	-0.42	-1.29	-1.32	1	1	0	900	900	0
1/6/2024 17:32	43201 MVIL_T2	40	40	0	0.56	0.46	-0.1	-1.18	-1.17	0	0	0	0	0	0
1/6/2024 17:33	14402 SSLA_T1	0	2	2	0	0	0	0	0	0	0	0	0	0	0
1/6/2024 17:34	24902 WHHA_T1	12	9	-3	0.87	0.43	-0.44	0.49	0.51	0	0	0	0	0	0
1/6/2024 17:34	41902 REED_T1	2	9	7	0.3	0.3	0	0.16	0.19	1	1	0	900	900	0
1/6/2024 17:34	40502 CRES_T2	12	10	-2	0.39	0.31	-0.08	-0.33	-0.34	0	0	0	0	0	0
1/6/2024 17:34	11804 FRAN_T1	13	20	7	0.4	0.43	0.03	0.71	0.61	0	0	0	0	0	0
1/6/2024 17:36	42002 MNVL_T2	1	1	0	7.4	7.4	0	-0.81	-0.83	0	0	0	0	0	0
1/6/2024 17:37	44601 SALE_T2	0	0	0	0	0	0	-0.14	-0.14	0	0	0	0	0	0
1/6/2024 17:37	46801 HEPB_T2	2	2	0	0.2	0.2	0	-0.3	-0.27	0	0	0	0	0	0
1/6/2024 17:38	41902 REED_T1	2	9	7	0.3	0.3	0	0	0	0	0	0	0	0	0
1/6/2024 17:40	42002 MNVL_T2	1	1	0	7.4	7.4	0	-0.83	-0.82	0	0	0	0	0	0
1/6/2024 17:42	20403 ASHF_T2	1	1	0	0.2	0	-0.2	-0.61	-0.66	0	0	0	0	0	0
1/6/2024 17:44	28604 BLYT_T2	0	0	0	0	0	0	-1.09	-1.07	0	0	0	0	0	0
1/6/2024 17:48	64101 REFR_T1	0	0	0	0	0	0	0.13	0.13	0	0	0	0	0	0
1/6/2024 17:48	29402 BELT_T1	7	1	-6	1.59	7.6	6.01	0	0	0	0	0	0	0	0
1/6/2024 17:50	40502 CRES_T2	9	9	0	0.37	0.24	-0.13	-0.34	-0.41	0	0	0	0	0	0
1/6/2024 17:51	45402 WBLO_T2	13	11	-2	0.59	0.28	-0.31	-1.32	-1.33	1	1	0	900	900	0
1/6/2024 17:51	60305 TWVA_T2	0	0	0	0	0	0	2.39	2.46	0	0	0	0	0	0
1/6/2024 17:52	40502 CRES_T2	9	9	0	0.37	0.24	-0.13	-0.34	-0.41	0	0	0	0	0	0
1/6/2024 17:53	46801 HEPB_T2	2	3	1	0.15	0.2	0.05	-0.28	-0.28	0	0	0	0	0	0
1/6/2024 17:54	52002 LING_T2	7	5	-2	0.54	0.48	-0.06	0.1	0.08	0	0	0	0	0	0
1/6/2024 17:54	40502 CRES_T2	9	9	0	0.37	0.24	-0.13	-1.23	-1.25	0	0	0	0	0	0
1/6/2024 17:54	47403 PENS_T1	1	1	0	2.4	2.6	0.2	0	0	0	0	0	0	0	0
1/6/2024 17:55	67901 WNHO_T2	0	0	0	0	0	0	-0.72	-0.72	0	0	0	0	0	0
1/6/2024 17:56	23001 SAJO_T1	0	0	-1	1.6	0	-1.6	-0.84	-0.85	0	0	0	0	0	0
1/6/2024 17:57	47401 PENS_T1	0	0	0	0	0	0	-0.53	-0.4	0	0	0	0	0	0
1/6/2024 17:58	40602 PIGR_T1	6	2	-4	0.35	0	-0.35	-1.59	-1.59	1	1	0	600	600	0
1/6/2024 17:58	60604 NCOL_T2	0	0	0	0	0	0	0.35	0.34	0	0	0	0	0	0
1/6/2024 17:58	64101 REFR_T1	0	0	0	0	0	0	0.13	0.11	0	0	0	0	0	0
1/6/2024 17:59	60803 BUCK_T1	0	0	0	0	0	0	-1.12	-1.11	1	1	0	600	600	0
1/6/2024 17:59	66505 SMAN_T2	0	0	0	0	0	0	-0.56	-0.4	2	2	0	1100	1100	0
1/6/2024 18:00	64204 KINZ_T1	1	1	0	0.2	0.3	0.1	0	0	0	0	0	0	0	0
1/6/2024 18:00	64101 REFR_T1	0	0	0	0	0	0	0.13	0.11	0	0	0	0	0	0
1/6/2024 18:00	64201 KINZ_T1	0	0	0	0	0	0	-0.55	-0.61	3	3	0	1500	1500	0
1/6/2024 18:00	40502 CRES_T2	8	10	2	0.24	0.18	-0.06	-1.23	-1.25	0	0	0	0	0	0
1/6/2024 18:02	40502 CRES_T2	8	10	2	0.24	0.18	-0.06	-0.41	-0.42	0	0	0	0	0	0
1/6/2024 18:03	66505 SMAN_T2	0	2	2	0	0.3	0.3	0	0	0	0	0	0	0	0
1/6/2024 18:04	41801 GOCI_T2	0	5	5	0	0.1	0.1	0	0	0	1	1	0	900	900
1/6/2024 18:04	29402 BELT_T1	1	1	0	7.6	7.2	-0.4	0	0	0	0	0	0	0	0
1/6/2024 18:04	27101 GFLD_T2	3	4	1	0.3	0	-0.3	-0.23	-0.21	1	1	0	600	600	0
1/6/2024 18:05	65001 NEFF_T2	0	0	0	0	0	0	-1.22	-1.24	1	1	0	1200	1200	0
1/6/2024 18:05	67602 WARW_T2	0	0	0	0	0	0	0.33	0.37	0	0	0	0	0	0
1/6/2024 18:07	64201 KINZ_T1	0	0	0	0	0	0	-0.55	-0.61	3	3	0	1500	1500	0
1/6/2024 18:09	47401 PENS_T1	0	0	0	0	0	0	-0.4	0.79	0	0	0	0	0	0
1/6/2024 18:10	45702 LIND_T2	0	0	0	0	0	0	-0.35	-0.35	0	0	0	0	0	0
1/6/2024 18:10	40502 CRES_T2	8	10	2	0.24	0.18	-0.06	-0.83	-0.84	0	0	0	0	0	0
1/6/2024 18:14	24703 FLND_T2	0	0	0	0	0	0	-1.38	-1.39	1	1	0	1200	1200	0
1/6/2024 18:14	40502 CRES_T2	8	10	2	0.24	0.18	-0.06	-0.83	-0.84	0	0	0	0	0	0
1/6/2024 18:15	64101 REFR_T1	0	0	0	0	0	0	0.11	0.09	0	0	0	0	0	0
1/6/2024 18:15	43401 BENT_T1	2	0	-2	0.55	0	-0.55	0	0	0	0	0	0	0	0
1/6/2024 18:15	13503 MCMI_T2	441	431	-10	1.4	1.07	-0.33	0.49	0.47	0	0	0	0	0	0
1/6/2024 18:17	43401 BENT_T1	2	0	-2	0.55	0	-0.55	0	0	0	0	0	0	0	0
1/6/2024 18:17	43201 MVIL_T2	12	20	8	0.6	0.53	-0.07	0	0	0	0	0	0	0	0
1/6/2024 18:17	13503 MCMI_T2	441	431	-10	1.4	1.07	-0.33	0.49	0.47	0	0	0	0	0	0
1/6/2024 18:18	40502 CRES_T2	4	9	5	0.2	0.28	0.08	-0.42	-0.42	0	0	0	0	0	0
1/6/2024 18:18	52501 PROG_T1	0	0	0	0	0	0	-0.71	-0.72	0	0	0	0	0	0
1/6/2024 18:20	43401 BENT_T1	2	0	-2	0.55	0	-0.55	0	0	0	0	0	0	0	0
1/6/2024 18:20	40201 BEGA_T2	3	6	3	1.93	1.77	-0.16	0	0	0	0	0	0	0	0
1/6/2024 18:20	40502 CRES_T2	4	9	5	0.2	0.28	0.08	-2.5	-2.52	0	0	0	0	0	0
1/6/2024 18:21	53902 HAU_T2	0	0	0	0	0	0	-1.8	-1.72	0	0	0	0	0	0
1/6/2024 18:22	45302 WBER_T2	9	4	-5	0.7	0.2	-0.5	0.63	0.6	0	0	0	0	0	0

1/6/2024 22:49	65001 NEFF_T2	3	10	7	0.1	0.13	0.03	-1.41	-1.41	1	1	0	1200	1200	0
1/6/2024 23:15	65001 NEFF_T2	10	125	115	0.13	0.15	0.02	-1.4	-1.41	1	1	0	1200	1200	0
1/6/2024 23:54	65001 NEFF_T2	123	29	-94	0.15	0.14	-0.01	-1.4	-1.47	1	1	0	1200	1200	0
1/6/2024 23:57	65001 NEFF_T2	123	29	-94	0.15	0.14	-0.01	-1.4	-1.47	1	1	0	1200	1200	0
1/7/2024 0:55	65001 NEFF_T2	0	0	0	0	0	0	-1.45	-1.47	1	1	0	1200	1200	0
1/7/2024 1:01	56803 BENV_T1	0	0	0	0	0	0	0.07	0.06	0	0	0	0	0	0
1/7/2024 1:02	57401 SPAN_T1	0	2	2	0	0.15	0.15	-1.57	-1.44	1	1	0	600	600	0
1/7/2024 1:06	65001 NEFF_T2	0	0	0	0	0	0	-1.45	-1.47	1	1	0	1200	1200	0
1/7/2024 1:07	52404 GRPA_T2	0	0	0	0	0	0	-0.25	-0.22	0	0	0	0	0	0
1/7/2024 1:08	52401 GRPA_T2	1	1	0	0.2	0.2	0	0	0	0	0	0	0	0	0
1/7/2024 1:08	65001 NEFF_T2	0	0	0	0	0	0	-1.45	-1.47	1	1	0	1200	1200	0
1/7/2024 1:09	56801 BENV_T1	17	12	-5	0.5	0.44	-0.06	-1.24	-0.84	2	2	0	1200	1200	0
1/7/2024 1:10	52404 GRPA_T2	0	0	0	0	0	0	-0.22	-0.16	0	0	0	0	0	0
1/7/2024 1:10	57401 SPAN_T1	0	2	2	0	0.15	0.15	-1.44	-1.13	1	1	0	600	600	0
1/7/2024 1:11	52402 GRPA_T2	2	2	0	1.4	1.9	0.5	-0.75	-0.76	0	0	0	0	0	0
1/7/2024 1:11	64101 REFR_T1	0	0	0	0	0	0	0.14	0.14	0	0	0	0	0	0
1/7/2024 1:11	44301 BEAV_T2	0	0	0	0	0	0	-0.58	-0.57	1	1	0	600	600	0
1/7/2024 1:15	56801 BENV_T1	11	12	1	0.47	0.38	-0.09	-1.24	-0.84	2	2	0	1200	1200	0
1/7/2024 1:21	64101 REFR_T1	0	0	0	0	0	0	0.14	0.14	0	0	0	0	0	0
1/7/2024 1:21	65001 NEFF_T2	0	0	0	0	0	0	-1.47	-1.48	1	1	0	1200	1200	0
1/7/2024 1:22	59101 WALK_T2	1	1	0	0	0	0	0.63	0.78	1	1	0	450	450	0
1/7/2024 1:23	64101 REFR_T1	0	0	0	0	0	0	0.14	0.14	0	0	0	0	0	0
1/7/2024 1:23	56501 ROCK_T2	61	20	-41	0.14	0.24	0.1	-1.83	-1.81	0	0	0	0	0	0
1/7/2024 1:26	56801 BENV_T1	11	12	1	0.47	0.38	-0.09	0	0	0	0	0	0	0	0
1/7/2024 1:26	52401 GRPA_T2	0	1	1	0	0.2	0.2	0	0	0	0	0	0	0	0
1/7/2024 1:36	52403 GRPA_T2	0	0	0	0	0	0	-0.07	-0.07	0	0	0	0	0	0
1/7/2024 1:36	59101 WALK_T2	1	1	0	0	0	0	0.78	0.86	1	1	0	450	450	0
1/7/2024 1:40	66504 SMAN_T2	0	0	0	0	0	0	-0.59	-0.61	0	0	0	0	0	0
1/7/2024 1:42	59101 WALK_T2	0	1	1	0	0	0	0.86	0.87	1	1	0	450	450	0
1/7/2024 1:44	67103 SPRI_T1	0	0	0	0	0	0	-0.26	-0.26	0	0	0	0	0	0
1/7/2024 1:46	53903 HALI_T2	2	2	0	0.8	0.9	0.1	0	0	0	0	0	0	0	0
1/7/2024 1:47	52102 MEIS_T1	6	6	0	0.17	0.17	0	0	0	0	0	0	0	0	0
1/7/2024 1:52	40101 HUNT_T2	0	0	0	0	0	0	-0.62	-0.63	0	0	0	0	0	0
1/7/2024 1:55	67103 SPRI_T1	0	0	0	0	0	0	-0.26	-0.28	0	0	0	0	0	0
1/7/2024 1:59	59302 MCAL_T1	1	1	0	0.2	0.1	-0.1	-0.8	-0.82	1	1	0	600	600	0
1/7/2024 2:01	60501 NMAN_T2	3	3	0	4.6	5.07	0.47	0	0	0	0	0	0	0	0
1/7/2024 2:09	56801 BENV_T1	6	12	6	0.35	0.63	0.28	-0.67	-0.67	1	1	0	600	600	0
1/7/2024 2:16	65901 SAKR_T2	1	1	0	9	9.1	0.1	-1.42	-1.41	1	1	0	900	900	0
1/7/2024 2:16	57403 SPAN_T1	17	19	2	0.28	0.29	0.01	0	0	0	0	0	0	0	0
1/7/2024 2:17	42902 MIDD_T2	0	0	0	0	0	0	-1.39	-1.4	1	1	0	600	600	0
1/7/2024 2:18	40502 CRES_T2	0	0	0	0	0	0	-0.28	-0.27	0	0	0	0	0	0
1/7/2024 2:18	56801 BENV_T1	11	13	2	0.31	0.95	0.64	-0.67	-0.67	1	1	0	600	600	0
1/7/2024 2:20	56801 BENV_T1	11	13	2	0.31	0.95	0.64	-0.67	-0.67	1	1	0	600	600	0
1/7/2024 2:24	40502 CRES_T2	0	0	0	0	0	0	-0.27	-0.23	0	0	0	0	0	0
1/7/2024 2:24	65001 NEFF_T2	0	0	0	0	0	0	-1.49	-1.48	1	1	0	1200	1200	0
1/7/2024 2:24	56801 BENV_T1	11	13	2	0.31	0.95	0.64	-0.67	-0.64	1	1	0	600	600	0
1/7/2024 2:27	52402 GRPA_T2	2	2	0	1.95	1.95	0	0	0	0	0	0	0	0	0
1/7/2024 2:29	49803 UNIV_T1	13	6	-7	0.11	0.1	-0.01	-1.2	-1.21	0	0	0	0	0	0
1/7/2024 2:30	40502 CRES_T2	0	0	0	0	0	0	-0.54	-0.45	0	0	0	0	0	0
1/7/2024 2:32	40502 CRES_T2	0	0	0	0	0	0	-0.54	-0.45	0	0	0	0	0	0
1/7/2024 2:34	40502 CRES_T2	0	0	0	0	0	0	-0.27	-0.23	0	0	0	0	0	0
1/7/2024 2:34	42902 MIDD_T2	0	0	0	0	0	0	-1.4	-1.38	1	1	0	600	600	0
1/7/2024 2:35	52402 GRPA_T2	2	2	0	1.75	1.95	0.2	0	0	0	0	0	0	0	0
1/7/2024 2:36	40502 CRES_T2	0	0	0	0	0	0	-0.27	-0.23	0	0	0	0	0	0
1/7/2024 2:38	58401 MORO_T1	0	0	0	0	0	0	-1.09	-1.11	1	1	0	600	600	0
1/7/2024 2:38	40502 CRES_T2	0	0	0	0	0	0	-0.23	-0.31	0	0	0	0	0	0
1/7/2024 2:45	64204 KINZ_T1	1	1	0	0.7	0.6	-0.1	0	0	0	0	0	0	0	0
1/7/2024 2:50	40101 HUNT_T2	0	0	0	0	0	0	-0.62	-0.62	0	0	0	0	0	0
1/7/2024 2:50	43402 BENT_T1	0	0	0	0	0	0	-1.6	-1.58	2	2	0	1500	1500	0
1/7/2024 2:50	40502 CRES_T2	0	2	2	0	0.1	0.1	-0.45	-0.63	0	0	0	0	0	0
1/7/2024 2:51	45501 DERR_T2	0	0	0	0	0	0	-0.85	-0.9	2	2	0	1800	1800	0
1/7/2024 2:52	40502 CRES_T2	0	2	2	0	0.1	0.1	-0.23	-0.31	0	0	0	0	0	0
1/7/2024 2:53	13302 ORVI_T2	0	0	0	0	0	0	0.94	0.94	0	0	0	0	0	0
1/7/2024 2:54	40502 CRES_T2	0	2	2	0	0.1	0.1	-0.63	-1.74	0	0	0	0	0	0
1/7/2024 2:55	65001 NEFF_T2	0	0	0	0	0	0	-1.49	-1.5	1	1	0	1200	1200	0
1/7/2024 2:56	40502 CRES_T2	0	2	2	0	0.1	0.1	-0.94	-2.6	0	0	0	0	0	0
1/7/2024 2:59	53901 HALI_T2	0	0	0	0	0	0	-0.21	-0.18	0	0	0	0	0	0
1/7/2024 3:02	29402 BELT_T1	1	1	0	6.2	6.3	0.1	0	0	0	0	0	0	0	0
1/7/2024 3:06	40502 CRES_T2	0	2	2	0	0.1	0.1	-0.31	-0.87	0	0	0	0	0	0
1/7/2024 3:06	42701 AUGU_T1	1	1	0	0.7	0.8	0.1	0	0	1	1	0	600	600	0
1/7/2024 3:10	29402 BELT_T1	1	1	0	6.2	6.3	0.1	0	0	0	0	0	0	0	0
1/7/2024 3:11	43202 MVIL_T2	0	0	0	0	0	0	-0.67	-0.67	0	0	0	0	0	0
1/7/2024 3:18	40502 CRES_T2	2	11	9	0.1	0.21	0.11	-0.87	-0.88	0	0	0	0	0	0
1/7/2024 3:28	64101 REFR_T1	0	0	0	0	0	0	0.18	0.14	0	0	0	0	0	0
1/7/2024 3:28	24902 WHHA_T1	0	0	0	0	0	0	0.41	0.42	0	0	0	0	0	0
1/7/2024 3:32	40502 CRES_T2	1	11	10	0.1	0.24	0.14	-0.88	-0.88	0	0	0	0	0	0
1/7/2024 3:36	46801 HEPB_T2	0	0	0	0	0	0	0.53	0.55	0	0	0	0	0	0
1/7/2024 3:43	65001 NEFF_T2	0	0	0	0	0	0	-1.54	-1.51	1	1	0	1200	1200	0
1/7/2024 3:56	40502 CRES_T2	11	11	0	0.21	0.21	0	-0.9	-0.93	0	0	0	0	0	0
1/7/2024 3:58	40502 CRES_T2	11	11	0	0.21	0.21	0	-1.79	-1.86	0	0	0	0	0	0
1/7/2024 3:59	65001 NEFF_T2	0	0	0	0	0	0	-1.51	-1.51	1	1	0	1200	1200	0
1/7/2024 4:08	40502 CRES_T2	11	0	-11	0.21	0	-0.21	-0.93	-0.25	0	0	0	0	0	0
1/7/2024 4:14	40502 CRES_T2	11	0	-11	0.21	0	-0.21	-1.86	-0.5	0	0	0	0	0	0
1/7/2024 4:21	43402 BENT_T1	0	0	0	0	0	0	-1.58	-1.59	2	2	0	1500	1500	0
1/7/2024 5:12	65001 NEFF_T2	0	0	0	0	0	0	-1.5	-1.48	1	1	0	1200	1200	0
1/7/2024 5:28	65001 NEFF_T2	0	0	0	0	0	0	-1.48	-1.56	1	1	0	1200	1200	0
1/7/2024 6:21	65002 NEFF_T2	2	1	-1	2.2	2.4	0.2	0	0	0	0	0	0	0	0
1/7/2024 6:47	65002 NEFF_T2	1	1	0	2.4	1.9	-0.5	0	0	0	0	0	0	0	0
1/7/2024 7:03	65005 NEFF_T2	0	1	1	0	0	0	0	0	0	0	0	0	0	0
1/7/2024 7:55	43402 BENT_T1	0	0	0	0	0	0	-0.94	-0.95	1	1	0	900	900	0
1/7/2024 7:56	43402 BENT_T1	0	0	0	0	0	0	-0.94	-0.95	1	1	0	900	900	0
1/7/2024 8:00	65001 NEFF_T2	0	0	0	0	0	0	-1.37	-1.41	1	1	0	1200	1200	0
1/7/2024 8:01	13503 MCMI_T2	6	8	2	1.03	0.6	-0.43	0.27	0.24	0	0	0	0	0	0
1/7/2024 8:02	13503 MCMI_T2	6	8	2	1.03	0.6	-0.43	0.27	0.24	0	0	0	0	0	0
1/7/2024 8:10	43402 BENT_T1	0	0	0	0	0	0	-0.95	-0.96	1	1	0	900	900	0
1/7/2024 8:18	58402 MORO_T1	2	2	0	0.15	0.1	-0.05	-1.28	-1.31	3	3	0	2400	2400	0
1/7/2024 8:20	58402 MORO_T1	2	2	0	0.15	0.1	-0.05	-1.28	-1.31	3	3	0	2400	2400	0
1/7/2024 8:23	49803 UNIV_T1	0	28	28	0	0.16	0.16	-1.01	-1.05	0	0	0	0	0	0
1/7/2024 8:23	67103 SPRI_T1	0	0	0	0	0	0	-0.22	-0.2	0	0	0	0	0	0
1/7/2024 8:24	67103 SPRI_T1	0	0	0	0	0	0	-0.2	-0.21	0	0	0	0	0	0
1/7/2024 8:29	55002 NEWP_T1	2	3	1	0.25	0.43	0.18	-0.2	-0.18	0	0	0	0	0	0
1/7/2024 8:29	52102 MEIS_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1/7/2024 8:43	53601 DALM_T2	0	1	1	0	0	0	-0.1	-0.15	0	0	0	0	0	0
1/7/2024 8:52	40502 CRES_T2	3	0	-3	0.13	0	-0.13	-0.78	-0.75	0	0	0	0	0	0
1/7/2024 8:57	52401 GRPA_T2	0	1	1	0	0	0	0	0	0	0	0	0	0	0
1/7/2024 9:00	56803 BENV_T1	1	0	-1	1.1	0	-1.1	0.16	0.1	0	0	0	0	0	0
1/7/2024 9:00	41902 REED_T1	0	1	1	0	0	0	0.15	0.22	1	1	0	900	900	0
1/7/2024 9:00	41801 GOCI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1/7/2024 9:00	66504 SMAN_T2	0	0	0	0	0	0	-5.4	-5.21	3	3	0	3600	3600	0
1/7/2024 9:00	57403 SPAN_T1	0	0	0	0	0	0	0.15	0.18	0	0	0	0	0	0
1/7/2024 9:00	59102 WALK_T2	0	0	0	0	0	0	-0.44	-0.44	1	1	0	600	600	0
1/7/2024 9:00	41304 WATS_T2	5	6	1	0.14	0.3	0.16	-0.42	-0.42	0	0	0	0	0	0
1/7/2024 9:00	50103 HARR_T3	2	2	0	0.5	0.5	0	0	0	0	0	0	0	0	0
1/7/2024 9:00	40502 CRES_T2	0	1	1	0	0.1	0.1	-0.75	-0.77	0	0	0	0	0	0
1/7/2024 9:00	53903 HALI_T2	2	2	0	0.1	0.2	0.1	-0.23	-0.21	0	0	0	0	0	0
1/7/2024 9:00	60101 COCA_T1	0	0	0	0	0	0	0.36	0.34	0	0	0	0	0	0
1/7/2024 9:00	67402 WAKE_T2	0	0	0	0	0	0	-0.34	-0.3	1	1	0	600	600	0
1/7/2024 9:00	53501 EVIL_T2	8	9	1	0.43	0.31	-0.12	-0.68	-0.67	0	0	0	0	0	0
1/7/2024 9:00	49803 UNIV_T1	2	0	-2	0.1	0	-0.1	-1.08	-1.02	0	0	0	0	0	0
1/7/2024 9:00	23401 HONE_T2	1	1	0	1	1.4	0.4	0.01	0.1	0	0	0	0	0	0
1/7/2024 9:00	13503 MCMI_T2	10	26	16	0.42	0.51	0.09	0.5	0.39	0	0	0	0	0	0
1/7/2024 9:00	58402 MORO_T1	7	0	-7	0.17	0	-0.17	-1.3	-1.29	3	3	0	2400	2400	0
1/7/2024 9:00	43001 ALWD_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1/7/2024 9:01	55002 NEWP_T1	3	6	3	0.3	0.42	0.12	0	0	0	0	0	0	0	0
1/7/2024 9:02	52404 GRPA_T2	10	15	5	0.5	0.5	0	-0.1	-0.12	0	0	0	0	0	0
1/7/2024 9:02	56801 BENV_T1	1	5	4	0.1	0.3	0.2	-0.6	-0.62	1	1	0	600	600	0
1/7/2024 9:06	42903 MIDD_T2	0	0	0	0	0	0	-1.28	-1.29	1	1	0	1200	1200	0
1/7/2024 9:06	42201 SHEN_T2	0	0	0	0	0	0	0.09	-0.02	2	2	0	1200	1200	0
1/7/2024 9:07	46003 BERV_T2	1	1	0	5.8	6.3	0.5	0	0	0	0	0	0	0	0
1/7/2024 9:07	67503 WEWI_T2	0	0	0	0	0	0	-0.1	-0.06	0	0	0	0	0	0
1/7/2024 9:07	43402 BENT_T1	0	1	1	0	0	0	-0.94	-0.93	1	1	0	900	900	0
1/7/2024 9:08	44201 POIN_T1	0	0	0	0	0	0	-2.09	-2.04	1	1	0	900	900	0
1/7/2024 9:08	67503 WEWI_T2	0	0	0	0	0	0	-0.1	-0.06	0	0	0	0	0	0
1/7/2024 9:08	27502 WEIS_T2	0	0	0	0	0	0	-0.51	-0.51	0	0	0	0	0	0
1/7/2024 9:09	42701 AUGU_T1	1	4	3	0.1	0.75	0.65	0	0	1	1	0	600	600	0
1/7/2024 9:12	43402 BENT_T1	0	1	1	0	0	0	-0.93	-0.92	1	1	0	900	900	0
1/7/2024 9:16	52102 MEIS_T1	0	34	34	0	0.21	0.21	0	0	0	0	0	0	0	0
1/7/2024 9:16	55002 NEWP_T1	5	6	1	0.28	0.48	0.2	-0.16	-0.18	0	0	0	0	0	0
1/7/2024 9:17	52102 MEIS_T1	0	34	34	0	0.21	0.21	0	0	0	0	0	0	0	0
1/7/2024 9:18	53903 HALI_T2	2	2	0	0.2	0.1	-0.1	0	0	0	0	0	0	0	0
1/7/2024 9:20	40502 CRES_T2	0	6	6	0	0.2	0.2	-0.77	-0.74	0	0	0	0	0	0
1/7/2024 9:21	67103 SPRI_T1	0	0	0	0	0	0	-0.21	-0.19	0	0	0	0	0	0
1/7/2024 9:22	40502 CRES_T2	0	6	6	0	0.2	0.2	-0.77	-0.74	0	0	0	0	0	0
1/7/2024 9:22	53903 HALI_T2	2	2	0	0.2	0.1	-0.1	0	0	0	0	0	0	0	0
1/7/2024 9:24	67901 WNHO_T2	2	2	0	0.15	0.1	-0.05	-0.76	-0.69	0	0	0	0	0	0
1/7/2024 9:24	40502 CRES_T2	0	6	6	0	0.2	0.2	-1.48	-1.44	0	0	0	0	0	0
1/7/2024 9:25	56801 BENV_T1	4	20	16	0.3	0.82	0.52	-0.54	-0.54	1	1	0	600	600	0
1/7/2024 9:27	52403 GRPA_T2	37	110	73	0.56	0.56	0	0.01	0	0	0	0	0	0	0
1/7/2024 9:29	52401 GRPA_T2	1	0	-1	1.2	0	-1.2	0	0	0	0	0	0	0	0
1/7/2024 9:29	52102 MEIS_T1	0	34	34	0	0.21	0.21	0	0	0	0	0	0	0	0
1/7/2024 9:30	41801 GOCI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1/7/2024 9:31	58402 MORO_T1	0	3	3	0	0.13	0.13	-1.3	-1.29	3	3	0	2400	2400	0
1/7/2024 9:32	52404 GRPA_T2	1	1	0	0.5	0	-0.5	0	0	0	0	0	0	0	0
1/7/2024 9:34	40502 CRES_T2	1	6	5	0.1	0.2	0.1	-0.74	-0.72	0	0	0	0	0	0
1/7/2024 9:35	52102 MEIS_T1	0	34	34	0	0.21	0.21	0	0	0	0	0	0	0	0
1/7/2024 9:38	56801 BENV_T1	4	22	18	0.13	1.03	0.9	-0.54	-0.54	1	1	0	600	600	0
1/7/2024 9:39	45502 DERR_T2	0	1	1	0	0	0	0	0	0	0	0	0	0	0
1/7/2024 9:39	49803 UNIV_T1	0	0	0	0	0	0	-1.04	-1.06	0	0	0	0	0	0
1/7/2024 9:39	56801 BENV_T1	4	22	18	0.13	1.03	0.9	-2.17	-2.13	4	4	0	2400	2400	0
1/7/2024 9:39	59101 WALK_T2	1	0	-1	0	0	0	1.19	1.09	0	0	0	0	0	0
1/7/2024 9:40	11104 EGYP_T1	0	1	1	0	0	0	0.38	0.39	0	0	0	0	0	0
1/7/2024 9:41	11104 EGYP_T1	0	1	1	0	0	0	0.38	0.39	0	0	0	0	0	0
1/7/2024 9:41	45502 DERR_T2	0	1	1	0	0	0	0	0	0	0	0	0	0	0
1/7/2024 9:41	56801 BENV_T1	4	22	18	0.13	1.03	0.9	-1.08	-1.06	2	2	0	1200	1200	0
1/7/2024 9:46	41902 REED_T1	0	1	1	0	0	0	0.09	0.14	1	1	0	900	900	0
1/7/2024 9:47	64202 KINZ_T1	1	0	-1	1.8	0	-1.8	0	0	0	0	0	0	0	0
1/7/2024 9:48	64101 REFR_T1	0	0	0	0	0	0	0.04	0.01	0	0	0	0	0	0
1/7/2024 9:50	13503 MCMI_T2	17	19	2	0.59	0.42	-0.17	0.27	0.28	0	0	0	0	0	0
1/7/2024 9:50	41901 REED_T1	2	9	7	0.35	0.4	0.05	0	0	0	0	0	0	0	0
1/7/2024 9:50	65901 SAKR_T2	1	1	0	7.9	7.6	-0.3	-1.23	-1.15	1	1	0	900	900	0
1/7/2024 9:51	13503 MCMI_T2	17	19	2	0.59	0.42	-0.17	0.27	0.28	0	0	0	0	0	0
1/7/2024 9:51	64101 REFR_T1	0	0	0	0	0	0	0.07	0.01	0	0	0	0	0	0
1/7/2024 9:51	59101 WALK_T2	1	1	0	0	0	0	1.19	1.09	0	0	0	0	0	0
1/7/2024 9:52	59101 WALK_T2	1	1	0	0	0	0	1.19	1.09	0	0	0	0	0	0
1/7/2024 9:52	64101 REFR_T1	0	0	0	0	0	0	0.04	0.01	0	0	0	0	0	0
1/7/2024 9:53	65901 SAKR_T2	1	1	0	7.9	7.6	-0.3	-1.23	-1.15	1	1	0	900	900	0
1/7/2024 9:53	64101 REFR_T1	0	0	0	0	0	0	0.11	0.02	0	0	0	0	0	0
1/7/2024 9:54	67402 W

Appendix C - Grid Benefits Achieved in Each Instance of Active Management

1/7/2024 10:29	56501 ROCK_T2	2	2	0	0.8	0.5	-0.3	-1.36	-1.38	0	0	0	0	0	0
1/7/2024 10:30	67402 WAKE_T2	0	0	0	0	0	0	-0.32	-0.34	1	1	0	600	600	0
1/7/2024 10:30	62604 ENGL_T1	0	0	0	0	0	0	-2.38	-2.41	0	0	0	0	0	0
1/7/2024 10:30	52402 GRPA_T2	1	5	-4	3.1	1.02	-2.08	0	0	0	0	0	0	0	0
1/7/2024 10:30	16402 MOPO_T1	5	4	-1	0.64	0.95	0.31	-0.07	-0.07	0	0	0	0	0	0
1/7/2024 10:31	52404 GRPA_T2	3	0	-3	0.4	0	-0.4	0	0	0	0	0	0	0	0
1/7/2024 10:32	44201 POIN_T1	0	0	0	0	0	0	-4.16	-4.03	2	2	0	1800	1800	0
1/7/2024 10:33	46302 ROHR_T1	0	4	4	0	0.45	0.45	0.25	0.24	0	0	0	0	0	0
1/7/2024 10:34	16402 MOPO_T1	5	4	-1	0.64	0.95	0.31	-0.07	-0.07	0	0	0	0	0	0
1/7/2024 10:34	44201 POIN_T1	0	0	0	0	0	0	-2.08	-2.01	1	1	0	900	900	0
1/7/2024 10:34	41901 REED_T1	4	7	3	0.33	0.39	0.06	0	0	0	0	0	0	0	0
1/7/2024 10:35	64101 REFR_T1	0	0	0	0	0	0	-0.01	0.01	0	0	0	0	0	0
1/7/2024 10:35	52102 MEIS_T1	3	0	-3	0.1	0	-0.1	0	0	0	0	0	0	0	0
1/7/2024 10:36	44201 POIN_T1	0	0	0	0	0	0	-4.16	-4.03	2	2	0	1800	1800	0
1/7/2024 10:36	40602 PGR_T1	1	1	0	0.7	0.4	-0.3	-1.04	-1.16	2	2	0	1200	1200	0
1/7/2024 10:36	27502 WEIS_T2	0	0	0	0	0	0	-0.42	-0.41	0	0	0	0	0	0
1/7/2024 10:37	46302 ROHR_T1	0	4	4	0	0.45	0.45	0.25	0.24	0	0	0	0	0	0
1/7/2024 10:37	14401 SSLA_T1	1	4	3	0.9	0.1	-0.8	0	0	0	0	0	0	0	0
1/7/2024 10:37	44201 POIN_T1	0	0	0	0	0	0	-2.08	-2.01	1	1	0	900	900	0
1/7/2024 10:37	57401 SPAN_T1	0	0	0	0	0	0	-1	-1.04	1	1	0	600	600	0
1/7/2024 10:38	14401 SSLA_T1	1	4	3	0.9	0.1	-0.8	0	0	0	0	0	0	0	0
1/7/2024 10:38	57401 SPAN_T1	0	0	0	0	0	0	-1	-1.04	1	1	0	600	600	0
1/7/2024 10:39	16302 ALPA_T2	0	0	0	0	0	0	-1.62	-1.68	0	0	0	0	0	0
1/7/2024 10:40	16302 ALPA_T2	0	0	0	0	0	0	-0.81	-0.84	0	0	0	0	0	0
1/7/2024 10:41	56801 BENV_T1	17	19	2	0.61	0.9	0.29	-0.55	-0.57	1	1	0	600	600	0
1/7/2024 10:41	46801 HEPB_T2	0	0	0	0	0	0	0.66	0.66	0	0	0	0	0	0
1/7/2024 10:41	60103 COCA_T2	0	0	0	0	0	0	-1.2	-1.2	1	1	0	900	900	0
1/7/2024 10:42	60201 ATGL_T2	0	0	0	0	0	0	0.27	0.24	0	0	0	0	0	0
1/7/2024 10:44	41901 REED_T1	4	7	3	0.33	0.39	0.06	0	0	0	0	0	0	0	0
1/7/2024 10:45	57303 MOAL_T2	1	1	0	7.6	7.4	-0.2	0	0	0	0	0	0	0	0
1/7/2024 10:45	16302 ALPA_T2	0	4	4	0	0	0	-0.81	-0.84	0	0	0	0	0	0
1/7/2024 10:47	57303 MOAL_T2	1	1	0	7.6	7.4	-0.2	0	0	0	0	0	0	0	0
1/7/2024 10:47	14401 SSLA_T1	4	3	-1	0.63	0.1	-0.53	0	0	0	0	0	0	0	0
1/7/2024 10:47	67503 WEWI_T2	0	0	0	0	0	0	-0.14	-0.03	0	0	0	0	0	0
1/7/2024 10:48	64801 MONE_T2	0	1	1	0	0.1	0.1	-0.56	-0.57	0	0	0	0	0	0
1/7/2024 10:48	64201 KINZ_T1	190	307	117	0.23	0.41	0.18	0	0	0	0	0	0	0	0
1/7/2024 10:48	65001 NEFF_T2	0	0	0	0	0	0	-1.31	-1.36	1	1	0	1200	1200	0
1/7/2024 10:48	57401 SPAN_T1	0	1	1	0	0	0	-1.04	-1.01	1	1	0	600	600	0
1/7/2024 10:49	57401 SPAN_T1	0	1	1	0	0	0	-1.04	-1.01	1	1	0	600	600	0
1/7/2024 10:50	52501 PROG_T1	0	0	0	0	0	0	-0.08	-0.08	1	0	-1	300	0	-300
1/7/2024 10:51	65001 NEFF_T2	0	0	0	0	0	0	-1.31	-1.36	1	1	0	1200	1200	0
1/7/2024 10:52	42701 AUGU_T1	2	1	-1	0.55	0	-0.55	0	0	1	1	0	600	600	0
1/7/2024 10:52	29402 BELT_T1	0	0	0	0	0	0	0	0	1	1	0	900	900	0
1/7/2024 10:53	51107 CARL_T1	0	0	0	0	0	0	-1.08	-1.04	0	0	0	0	0	0
1/7/2024 10:54	29402 BELT_T1	1	1	0	5.6	5.8	0.2	0	0	0	0	0	0	0	0
1/7/2024 10:54	56802 BENV_T2	0	0	0	0	0	0	-1.41	-1.34	0	0	0	0	0	0
1/7/2024 10:54	60201 ATGL_T2	0	0	0	0	0	0	0.24	0.23	0	0	0	0	0	0
1/7/2024 10:54	20403 ASHF_T2	0	1	1	0	0	0	0.36	0.36	0	0	0	0	0	0
1/7/2024 10:54	42701 AUGU_T1	2	1	-1	0.55	0	-0.55	0	0	1	1	0	600	600	0
1/7/2024 10:54	27502 WEIS_T2	0	0	0	0	0	0	-0.42	-0.42	0	0	0	0	0	0
1/7/2024 10:55	56802 BENV_T2	0	0	0	0	0	0	-1.41	-1.34	0	0	0	0	0	0
1/7/2024 10:56	29402 BELT_T1	1	1	0	5.6	5.8	0.2	0	0	0	0	0	0	0	0
1/7/2024 10:57	56802 BENV_T2	0	0	0	0	0	0	2.82	2.69	0	0	0	0	0	0
1/7/2024 10:58	20403 ASHF_T2	0	1	1	0	0	0	0.36	0.36	0	0	0	0	0	0
1/7/2024 10:59	65001 NEFF_T2	0	0	0	0	0	0	-1.36	-1.25	1	1	0	1200	1200	0
1/7/2024 11:01	55002 NEWP_T1	5	6	1	0.24	0.42	0.18	-0.17	-0.18	0	0	0	0	0	0
1/7/2024 11:01	53901 HALI_T2	0	0	0	0	0	0	-0.35	-0.44	0	0	0	0	0	0
1/7/2024 11:02	42902 MIDD_T2	5	4	-1	0.66	0	-0.66	-1.26	-1.28	1	1	0	600	600	0
1/7/2024 11:04	64101 REFR_T1	0	0	0	0	0	0	0.01	0	0	0	0	0	0	0
1/7/2024 11:04	44201 POIN_T1	0	0	0	0	0	0	-2.04	-1.94	1	1	0	900	900	0
1/7/2024 11:05	44201 POIN_T1	0	0	0	0	0	0	-2.04	-1.94	1	1	0	900	900	0
1/7/2024 11:06	44802 EDAN_T2	0	0	0	0	0	0	-7.72	-7.66	3	3	0	3600	3600	0
1/7/2024 11:06	42902 MIDD_T2	5	4	-1	0.66	0	-0.66	0	0	0	0	0	0	0	0
1/7/2024 11:07	56802 BENV_T2	0	0	0	0	0	0	-1.41	-1.34	0	0	0	0	0	0
1/7/2024 11:07	44801 EDAN_T2	1	1	0	1.8	2	0.2	0	0	0	0	0	0	0	0
1/7/2024 11:08	44801 EDAN_T2	1	1	0	1.8	2	0.2	0	0	0	0	0	0	0	0
1/7/2024 11:09	60803 BUCK_T1	0	2	2	0	0.25	0.25	-1.41	-1.46	1	1	0	600	600	0
1/7/2024 11:09	44801 EDAN_T2	1	1	0	1.8	2	0.2	0	0	0	0	0	0	0	0
1/7/2024 11:09	66703 STRA_T1	0	0	0	0	0	0	-0.12	-0.13	0	0	0	0	0	0
1/7/2024 11:10	44801 EDAN_T2	1	1	0	1.8	2	0.2	0	0	0	0	0	0	0	0
1/7/2024 11:10	60803 BUCK_T1	0	2	2	0	0.25	0.25	-1.41	-1.46	1	1	0	600	600	0
1/7/2024 11:11	60101 COCA_T1	0	0	0	0	0	0	0.31	0.3	0	0	0	0	0	0
1/7/2024 11:12	48302 ORWI_T2	3	3	0	0.6	0.63	0.03	-0.49	-0.52	0	0	0	0	0	0
1/7/2024 11:12	60101 COCA_T1	0	0	0	0	0	0	0.31	0.3	0	0	0	0	0	0
1/7/2024 11:13	60803 BUCK_T1	0	2	2	0	0.25	0.25	-1.41	-1.46	1	1	0	600	600	0
1/7/2024 11:13	57401 SPAN_T1	0	0	0	0	0	0	-1	-1	1	1	0	600	600	0
1/7/2024 11:15	59302 MCAL_T1	1	1	0	0.1	0.3	0.2	-0.74	-0.74	1	1	0	600	600	0
1/7/2024 11:15	59002 MIFF_T1	0	2	2	0	0.25	0.25	0	0	0	0	0	0	0	0
1/7/2024 11:17	59003 MIFF_T1	1	1	0	0.4	0.5	0.1	-0.52	-0.52	0	0	0	0	0	0
1/7/2024 11:17	55002 NEWP_T1	6	5	-1	0.42	0.4	-0.02	-0.18	-0.2	0	0	0	0	0	0
1/7/2024 11:19	44601 SALE_T2	0	0	0	0	0	0	-0.14	-0.19	0	0	0	0	0	0
1/7/2024 11:20	64101 REFR_T1	0	0	0	0	0	0	0	-0.02	0	0	0	0	0	0
1/7/2024 11:21	57401 SPAN_T1	0	0	0	0	0	0	-1.99	-2	2	2	0	1200	1200	0
1/7/2024 11:22	53901 HALI_T2	0	0	0	0	0	0	-0.44	-0.44	0	0	0	0	0	0
1/7/2024 11:22	55105 WERT_T1	0	0	0	0	0	0	-0.52	-0.51	1	1	0	900	900	0
1/7/2024 11:26	61701 ELIZ_T1	1	1	0	5.1	5.3	0.2	0	0	0	0	0	0	0	0
1/7/2024 11:28	61703 ELIZ_T1	0	42	42	0	0.17	0.17	-2.87	-2.73	2	2	0	2100	2100	0
1/7/2024 11:29	64401 LAND_T1	0	0	0	0	0	0	-1.07	-1.1	1	1	0	600	600	0
1/7/2024 11:29	61701 ELIZ_T1	1	1	0	5.1	5.3	0.2	0	0	0	0	0	0	0	0
1/7/2024 11:30	65001 NEFF_T2	1	0	-1	0.1	0	-0.1	-1.3	-1.33	1	1	0	1200	1200	0
1/7/2024 11:30	61701 ELIZ_T1	1	1	0	5.3	5.1	-0.2	0	0	0	0	0	0	0	0
1/7/2024 11:30	45702 LIND_T2	0	0	0	0	0	0	-0.44	-0.42	0	0	0	0	0	0
1/7/2024 11:31	44201 POIN_T1	0	0	0	0	0	0	-2.13	-2.05	1	1	0	900	900	0
1/7/2024 11:32	67501 WEWI_T1	0	0	0	0	0	0	-1.15	-1.16	1	1	0	600	600	0
1/7/2024 11:33	64401 LAND_T1	0	0	0	0	0	0	-1.07	-1.1	1	1	0	600	600	0
1/7/2024 11:33	52402 GRPA_T2	4	14	10	1.15	1.2	0.05	0	0	0	0	0	0	0	0
1/7/2024 11:34	67502 WEWI_T2	1	1	0	0.7	0.7	0	0	0	0	0	0	0	0	0
1/7/2024 11:35	67501 WEWI_T1	0	0	0	0	0	0	-1.15	-1.16	1	1	0	600	600	0
1/7/2024 11:35	44201 POIN_T1	0	0	0	0	0	0	-2.13	-2.05	1	1	0	900	900	0
1/7/2024 11:36	14401 SSLA_T1	3	10	7	2.5	0.47	-2.03	0	0	0	0	0	0	0	0
1/7/2024 11:37	56802 BENV_T2	0	0	0	0	0	0	-1.41	-1.37	0	0	0	0	0	0
1/7/2024 11:38	56801 BENV_T1	9	11	2	0.78	0.72	-0.06	-0.58	-0.59	1	1	0	600	600	0
1/7/2024 11:39	56801 BENV_T1	9	11	2	0.78	0.72	-0.06	-1.17	-1.13	2	2	0	1200	1200	0
1/7/2024 11:40	56801 BENV_T1	9	11	2	0.78	0.72	-0.06	-2.94	-2.82	5	5	0	3000	3000	0
1/7/2024 11:40	29402 BELT_T1	5	1	-4	1.26	5.9	4.64	0	0	0	0	0	0	0	0
1/7/2024 11:41	56801 BENV_T1	9	11	2	0.78	0.72	-0.06	-1.17	-1.13	2	2	0	1200	1200	0
1/7/2024 11:41	60201 ATGL_T2	0	0	0	0	0	0	0.16	0.16	0	0	0	0	0	0
1/7/2024 11:42	20403 ASHF_T2	1	0	-1	1.9	0	-1.9	0.42	0.4	0	0	0	0	0	0
1/7/2024 11:42	56801 BENV_T1	9	11	2	0.78	0.72	-0.06	-0.59	-0.56	1	1	0	600	600	0
1/7/2024 11:42	56802 BENV_T2	0	0	0	0	0	0	-2.74	-2.71	0	0	0	0	0	0
1/7/2024 11:42	29402 BELT_T1	5	1	-4	1.26	5.9	4.64	0	0	0	0	0	0	0	0
1/7/2024 11:43	66302 MCKL_T2	1	0	-1	0.4	0	-0.4	-1.31	-1.27	1	1	0	600	600	0
1/7/2024 11:45	64401 LAND_T1	0	0	0	0	0	0	-1.1	-1.11	1	1	0	600	600	0
1/7/2024 11:45	64401 LAND_T1	0	0	0	0	0	0	-1.1	-1.11	1	1	0	600	600	0
1/7/2024 11:46	56802 BENV_T2	0	0	0	0	0	0	-1.37	-1.35	0	0	0	0	0	0
1/7/2024 11:47	63402 HONY_T2	0	1	1	0	0	0	0	0	0	0	0	0	0	0
1/7/2024 11:48	56802 BENV_T2	0	0	0	0	0	0	-1.37	-1.35	0	0	0	0	0	0
1/7/2024 11:48	47403 PENS_T1	1	1	0	2.3	2.7	0.4	0	0	0	0	0	0	0	0
1/7/2024 11:48	67501 WEWI_T1	0	0	0	0	0	0	-1.16	-1.17	1	1	0	600	600	0
1/7/2024 11:48	42201 SHEN_T2	0	0	0	0	0	0	-0.04	-0.07	2	2	0	1200	1200	0
1/7/2024 11:49	47403 PENS_T1	1	1	0	2.3	2.7	0.4	0	0	0	0	0	0	0	0
1/7/2024 11:49	42901 MIDD_T2	0	2	2	0	0	0	0	0	0	0	0	0	0	0
1/7/2024 11:50	42201 SHEN_T2	0	0	0	0	0	0	-0.02	-0.04	1	1	0	600	600	0
1/7/2024 11:50	67503 WEWI_T2	0	19	19	0	0	0	-0.24	-0.21	0	0	0	0	0	0
1/7/2024 11:51	14401 SSLA_T1	10	10	0	0.65	0.6	-0.05	0	0	0	0	0	0	0	0
1/7/2024 11:51	67501 WEWI_T1	0	0	0	0	0	0	-1.16	-1.17	1	1	0	600	600	0
1/7/2024 11:51	65001 NEFF_T2	0	0	0	0	0	0	-1.33	-1.22	1	1	0	1200	1200	0
1/7/2024 11:52	44901 SCOT_T2	0	0	0	0	0	0	-1.24	-1.2	0	0	0	0	0	0
1/7/2024 11:52	42701 AUGU_T1	3	5	2	0.27	0.1	-0.17	0	0	2	2	0	1200	1200	0
1/7/2024 11:53	52501 PROG_T1	0	0	0	0	0	0	-0.33	-0.37	1	1	0	300	300	0
1/7/2024 11:54	48302 ORWI_T2	3	3	0	0.67	0.67	0	-0.55	-0.54	0	0	0	0	0	0
1/7/2024 11:54	20403 ASHF_T2	0	0	0	0	0	0	0.4	0.4	0	0	0	0	0	0
1/7/2024 11:54	40302 TAMA_T3	0	0	0	0	0	0	-1.26	-1.25	1	1	0	1200	1200	0
1/7/2024 11:55	42701 AUGU_T1	3	5	2	0.27	0.1	-0.17	0	0	1	1	0	600	600	0
1/7/2024 11:56	45501 DERR_T2	0	0	0	0	0	0	-1.68	-1.84	4	4	0	3600	3600	0
1/7/2024 11:59	14402 SSLA_T1	2	2	0	0	0	0	0	0	0	0	0	0	0	0
1/7/2024 12:02	55105 WERT_T1	0	0	0	0	0	0	-0.5	-0.47	1	1	0	900	900	0
1/7/2024 12:02	46901 MNTG_T2	0	0	0	0	0	0	0.44	0.46	0	0	0	0	0	0
1/7/2024 12:04	42201 SHEN_T2	0	0	0	0	0	0	-0.07	-0.08	2	2	0	1200	1200	0
1/7/2024 12:06	42201 SHEN_T2	0	0	0	0	0	0	-0.04	-0.04	1	1	0	600	600	0
1/7/2024 12:07	14404 SSLA_T1	2	5	3	0.4	0	-0.4	0	0	0	0	0	0	0	0
1/7/2024 12:10	48302 ORWI_T2	3	3	0	0.67	0.67	0	-0.54	-0.5	0	0	0	0	0	0
1/7/2024 12:22	29402 BELT_T1	1	1	0	6.1	6.1	0	0	0	0	0	0	0	0	0
1/7/2024 12:23	42701 AUGU_T1	5	4	-1	0.56	0.7	0.14	0	0	1	1	0	600	600	0
1/7/2024 12:24	42701 AUGU_T1	5	4	-1	0.56	0.7	0.14	0	0	1	1	0	600	600	0
1/7/2024 12:28	45702 LIND_T2	0	0	0	0	0	0	-0.41	-0.41	0	0	0	0	0	0
1/7/2024 12:44	65001 NEFF_T2	0	0	0	0	0	0	-1.34	-1.17	1	1	0	1200	1200	0
1/7/2024 12:44	61802 EEU_T2	0	0	0	0	0	0	-0.32	-0.32	0	0	0	0	0	0
1/7/2024 12:53	43402 BENT_T1	0	0	0	0	0	0	-0.94	-0.93	1	1	0	900	900	0
1/7/2024 12:54	65001 NEFF_T2	0	0	0	0	0	0	-1.17	-1.28	1	1	0	1200	1200	0
1/7/2024 12:55	61102 BERK_T5	0	0	0	0	0	0	0.18	0.21	1	1	0	300	300	0
1/7/2024 12:58	40101 HUNT_T2	114	206	92	0.53	0.54	0.01	-0.96	-0.92	0	0	0	0	0	0
1/7/2024 12:58	27502 WEIS_T2	2	0	-2	0.15	0	-0.15	-0.34	-0.34	0	0	0	0	0	0
1/7/2024 13:00	40101 HUNT_T2	188	231	43	0.6	0.65	0.05	-0.48	-0.46	0	0	0	0	0	0
1/7/2024 13:00	46903 MNTG_T2	0	1	1	0	0	0	-0.23	-0.21	1	1	0	600	600	0
1/7/2024 13:02	63203 MGTN_T1	0	0	0	0	0	0	-0.19	-0.19	1	1	0	600	600	0
1/7/2024 13:03	44201 POIN_T1	0	0	0	0	0	0	-4.15	-3.97	2	2	0	1800	1800	0
1/7/2024 13:04	65901 SAKR_T2	1	1	0	8.1	7.8	-0.3	0	0	0	0	0	0	0	0
1/7/2024 13:04	44201 POIN_T1	0	0	0	0	0	0	-6.23	-5.96	3	3	0	2700	2700	0
1/7/2024 13:05	44201 POIN_T1	0	0	0	0	0	0	-2.08	-1.99	1	1	0	900	900	0
1/7/2024 13:06	44201 POIN_T1	0	0	0	0	0	0	-2.08	-1.99	1	1	0	900	900	0
1/7/2024 13:10	44901 SCOT_T2	0	0	0	0	0	0	-0.53	-0.55	0	0	0	0	0	0
1/7/2024 13:20	16402 MOPO_T1	5	13	8	1.92	1.32	-0.6	-0.11	-0.09	0	0	0	0	0	0
1/7/2024 13:30	47001 HUGH_T2	0	0	0	0	0	0	-0.62	-0.66	0	0	0	0	0	0
1/7/2024 13:35	47001 HUGH_T2	0	0	0	0	0	0	-0.62	-0.66	0	0	0	0	0	0
1/7/2024 14:00	47401 PENS_T1	5	0	-5	0.1	0	-0.1	0.7	0.73	0	0	0	0	0	0
1/7/2024 14:02	45702 LIND_T2	0	0	0	0	0	0	-0.41	-0.42	0	0	0	0	0	0
1/7/2024 14:04	47401 PENS_T1	5	0	-5	0.1	0	-0.1	0.7	0.73	0	0	0	0	0	0
1/7/2024 14:06	67602 WARW_T2	0	0	0	0	0	0	0.49	0.47	0	0	0	0	0	0
1/7/2024 14:07	67602 WARW_T2	0	0	0	0	0	0	0.49	0.47	0	0	0	0	0	0
1/7/2024 14:08	43001 ALWD_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1/7/2024 14:08	67602 WARW_T2	0	0	0	0	0	0	0.49	0.47	0	0	0	0	0	0
1/7/2024 14:09	49804 UNIV_T1	2	1	-1	0.4	0.1	-0.3	0	0	0	0	0	0	0	0
1/7/2024 14:09	16302 ALPA_T2	0	0	0	0	0	0	-1.58	-1.56	0	0	0	0	0	0
1/7/2024 14:10	16302 ALPA_T2	0	0	0	0	0	0	-0.79	-0.78	0	0	0	0	0	0
1/7/2024 14:12	29402 BELT_T1	1	1	0	5.5	5.7	0.2	0	0	0	0	0	0	0	0
1/7/2024 14:16	52002 LING_T2	2	3	1	0.85	0.75	-0.1	-0.02	0.03	0	0	0	0	0	0
1/7/2024 14:18	64101 REFR_T1	0	0	0	0	0	0	-0.03	-0.03	0	0	0	0	0	0
1/7/2024 14:18	65001 NEFF_T2	0	0	0	0	0	0	-1.15	-1.26	1	1

1/7/2024 14:40	64101 REFR_T1	0	0	0	0	0	0	0.02	0.01	0	0	0	0	0	0
1/7/2024 14:41	56802 BENV_T2	0	0	0	0	0	0	-2.76	-2.48	0	0	0	0	0	0
1/7/2024 14:41	56801 BENV_T1	9	13	4	0.61	0.69	0.08	-0.56	-0.55	1	1	0	600	600	0
1/7/2024 14:41	42701 AUGU_T1	2	1	-1	0.25	0.5	0.25	0	0	1	1	0	600	600	0
1/7/2024 14:41	46001 BERW_T1	0	0	0	0	0	0	1.44	1.46	0	0	0	0	0	0
1/7/2024 14:42	56801 BENV_T1	9	13	4	0.61	0.69	0.08	-0.56	-0.55	1	1	0	600	600	0
1/7/2024 14:42	46001 BERW_T1	0	0	0	0	0	0	0.72	0.73	0	0	0	0	0	0
1/7/2024 14:43	46801 HEPB_T2	0	0	0	0	0	0	0.64	0.65	0	0	0	0	0	0
1/7/2024 14:44	40101 HUNT_T2	43	59	16	0.55	0.68	0.13	-2.04	-1.72	0	0	0	0	0	0
1/7/2024 14:45	46506 LOHA_T1	1	1	0	0.3	0.5	0.2	0	0	0	0	0	0	0	0
1/7/2024 14:45	55001 NEWP_T1	0	1	1	0	0.1	0.1	0	0	0	0	0	0	0	0
1/7/2024 14:46	47401 PENS_T1	0	0	0	0	0	0	0.72	0.67	0	0	0	0	0	0
1/7/2024 14:46	40101 HUNT_T2	23	76	53	0.69	0.44	-0.25	-0.51	-0.43	0	0	0	0	0	0
1/7/2024 14:47	63203 MGTN_T1	0	0	0	0	0	0	-0.21	-0.2	1	1	0	600	600	0
1/7/2024 14:48	40101 HUNT_T2	23	76	53	0.69	0.44	-0.25	-0.51	-0.43	0	0	0	0	0	0
1/7/2024 14:48	47401 PENS_T1	0	0	0	0	0	0	1.43	1.33	0	0	0	0	0	0
1/7/2024 14:49	55001 NEWP_T1	0	1	1	0	0.1	0.1	0	0	0	0	0	0	0	0
1/7/2024 14:49	47401 PENS_T1	0	0	0	0	0	0	0.72	0.67	0	0	0	0	0	0
1/7/2024 14:49	65503 MOJO_T2	0	7	7	0	0.16	0.16	-1.5	-1.5	1	1	0	900	900	0
1/7/2024 14:51	65503 MOJO_T2	0	7	7	0	0.16	0.16	-1.5	-1.5	1	1	0	900	900	0
1/7/2024 14:52	40201 BEGA_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1/7/2024 14:54	52401 GRPA_T2	1	1	0	0.2	0.3	0.1	0	0	0	0	0	0	0	0
1/7/2024 14:54	46004 BERW_T2	2	2	0	1.25	0.8	-0.45	-0.71	-0.68	0	0	0	0	0	0
1/7/2024 14:56	45501 DERR_T2	0	0	0	0	0	0	-0.88	-0.9	2	2	0	1800	1800	0
1/7/2024 14:56	40201 BEGA_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1/7/2024 14:56	16302 ALPA_T2	0	0	0	0	0	0	-0.81	-0.8	0	0	0	0	0	0
1/7/2024 14:57	16302 ALPA_T2	0	0	0	0	0	0	-0.81	-0.8	0	0	0	0	0	0
1/7/2024 15:02	64101 REFR_T1	0	0	0	0	0	0	0.01	0.01	0	0	0	0	0	0
1/7/2024 15:03	46504 LOHA_T2	2	2	0	0.5	0.3	-0.2	0	0	0	0	0	0	0	0
1/7/2024 15:05	44201 POIN_T1	0	0	0	0	0	0	-2.03	-2.02	1	1	0	900	900	0
1/7/2024 15:06	44201 POIN_T1	0	0	0	0	0	0	-2.03	-2.02	1	1	0	900	900	0
1/7/2024 15:06	48302 ORWI_T2	2	3	1	0.8	0.43	-0.37	-0.52	-0.5	0	0	0	0	0	0
1/7/2024 15:07	67602 WARW_T2	0	0	0	0	0	0	0.4	0.35	0	0	0	0	0	0
1/7/2024 15:08	40201 BEGA_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1/7/2024 15:10	67602 WARW_T2	0	0	0	0	0	0	0.35	0.39	0	0	0	0	0	0
1/7/2024 15:12	48302 ORWI_T2	2	3	1	0.8	0.43	-0.37	-0.5	-0.51	0	0	0	0	0	0
1/7/2024 15:15	46801 HEPB_T2	0	0	0	0	0	0	0.67	0.65	0	0	0	0	0	0
1/7/2024 15:15	67602 WARW_T2	0	0	0	0	0	0	0.35	0.39	0	0	0	0	0	0
1/7/2024 15:16	47401 PENS_T1	0	0	0	0	0	0	0.69	0.67	0	0	0	0	0	0
1/7/2024 15:18	42903 MIDD_T2	2	0	-2	0.25	0	-0.25	-1.47	-0.18	1	0	-1	1200	0	-1200
1/7/2024 15:20	47401 PENS_T1	0	0	0	0	0	0	2.07	2.02	0	0	0	0	0	0
1/7/2024 15:21	66505 SMAN_T2	0	0	0	0	0	0	-0.21	-0.22	2	2	0	1100	1100	0
1/7/2024 15:21	65001 NEFF_T2	0	0	0	0	0	0	-1.27	-1.19	1	1	0	1200	1200	0
1/7/2024 15:22	64101 REFR_T1	0	0	0	0	0	0	0.01	-0.01	0	0	0	0	0	0
1/7/2024 15:23	66505 SMAN_T2	0	0	0	0	0	0	-0.21	-0.22	2	2	0	1100	1100	0
1/7/2024 15:26	64101 REFR_T1	0	0	0	0	0	0	-0.01	-0.01	0	0	0	0	0	0
1/7/2024 15:26	27502 WEIS_T2	0	1	1	0	0	0	-0.45	-0.45	0	0	0	0	0	0
1/7/2024 15:27	60803 BUCK_T1	0	0	0	0	0	0	-1.38	-1.45	1	1	0	600	600	0
1/7/2024 15:32	65001 NEFF_T2	0	0	0	0	0	0	-1.19	-1.26	1	1	0	1200	1200	0
1/7/2024 15:34	64101 REFR_T1	0	0	0	0	0	0	-0.01	-0.01	0	0	0	0	0	0
1/7/2024 15:36	64101 REFR_T1	0	0	0	0	0	0	-0.01	-0.01	0	0	0	0	0	0
1/7/2024 15:37	64101 REFR_T1	0	0	0	0	0	0	-0.01	-0.01	0	0	0	0	0	0
1/7/2024 15:38	60305 TWVA_T2	0	0	0	0	0	0	2.87	1.43	0	0	0	0	0	0
1/7/2024 15:39	46001 BERW_T1	0	0	0	0	0	0	0.75	0.75	0	0	0	0	0	0
1/7/2024 15:40	52402 GRPA_T2	3	4	1	1.27	1.13	-0.14	0	0	0	0	0	0	0	0
1/7/2024 15:41	46001 BERW_T1	0	0	0	0	0	0	0.75	0.75	0	0	0	0	0	0
1/7/2024 15:46	40502 CRES_T2	2	10	8	0.1	0.2	0.1	-0.71	-0.67	0	0	0	0	0	0
1/7/2024 15:48	40502 CRES_T2	2	10	8	0.1	0.2	0.1	-3.56	-3.36	0	0	0	0	0	0
1/7/2024 15:50	40502 CRES_T2	2	10	8	0.1	0.2	0.1	-1.42	-1.34	0	0	0	0	0	0
1/7/2024 15:52	40502 CRES_T2	2	10	8	0.1	0.2	0.1	-3.56	-3.36	0	0	0	0	0	0
1/7/2024 15:54	40502 CRES_T2	2	10	8	0.1	0.2	0.1	-0.67	-0.68	0	0	0	0	0	0
1/7/2024 16:19	64101 REFR_T1	0	0	0	0	0	0	0.02	0.02	0	0	0	0	0	0
1/7/2024 16:21	64101 REFR_T1	0	0	0	0	0	0	0.02	0.02	0	0	0	0	0	0
1/7/2024 16:24	65001 NEFF_T2	0	0	0	0	0	0	-1.29	-1.19	1	1	0	1200	1200	0
1/7/2024 16:28	40502 CRES_T2	10	0	-10	0.2	0	-0.2	-0.66	-0.63	0	0	0	0	0	0
1/7/2024 16:49	58401 MORO_T1	0	0	0	0	0	0	-0.94	-0.96	1	1	0	600	600	0
1/7/2024 16:50	58401 MORO_T1	0	0	0	0	0	0	-0.94	-0.96	1	1	0	600	600	0
1/7/2024 16:52	60305 TWVA_T2	0	0	0	0	0	0	1.07	1.13	0	0	0	0	0	0
1/7/2024 17:04	20403 ASHF_T2	0	1	1	0	0	0	0.56	0.59	0	0	0	0	0	0
1/7/2024 17:14	20603 GRWO_T2	3	17	14	0.33	0.44	0.11	0	0	0	0	0	0	0	0
1/7/2024 17:16	20601 GRWO_T2	0	0	0	0	0	0	-0.11	-0.84	0	0	0	0	0	0
1/7/2024 17:18	40502 CRES_T2	10	6	-4	0.28	0.13	-0.15	-0.56	-0.58	0	0	0	0	0	0
1/7/2024 17:27	65001 NEFF_T2	0	0	0	0	0	0	-1.28	-1.25	1	1	0	1200	1200	0
1/7/2024 17:30	43201 MVIL_T2	0	1	1	0	0	0	-0.32	-0.32	0	0	0	0	0	0
1/7/2024 17:42	47403 PENS_T1	1	1	0	2.5	2.6	0.1	0	0	0	0	0	0	0	0
1/7/2024 17:42	40301 TAMA_T3	1	3	2	0	0.1	0.1	0	0	0	0	0	0	0	0
1/7/2024 17:45	13503 MCMI_T2	172	194	22	0.9	0.75	-0.15	0.46	0.4	0	0	0	0	0	0
1/7/2024 17:58	20601 GRWO_T2	0	0	0	0	0	0	-0.87	-0.89	0	0	0	0	0	0
1/7/2024 18:00	16402 MOPO_T1	11	24	13	0.85	0.77	-0.08	-0.04	-0.04	0	0	0	0	0	0
1/7/2024 18:18	64101 REFR_T1	0	0	0	0	0	0	0.03	0.02	0	0	0	0	0	0
1/7/2024 18:20	65001 NEFF_T2	0	0	0	0	0	0	-1.27	-1.28	1	1	0	1200	1200	0
1/7/2024 18:20	40502 CRES_T2	7	11	4	0.17	0.25	0.08	-0.62	-0.59	0	0	0	0	0	0
1/7/2024 18:27	46302 ROHR_T1	1	4	3	0.3	0.5	0.2	0.26	0.28	0	0	0	0	0	0
1/7/2024 18:29	44601 SALE_T2	0	0	0	0	0	0	-0.13	-0.17	0	0	0	0	0	0
1/7/2024 18:30	46302 ROHR_T1	4	3	-1	0.5	0.2	-0.3	0.26	0.28	0	0	0	0	0	0
1/7/2024 18:33	27101 GFLD_T2	0	0	0	0	0	0	-0.17	-0.19	1	1	0	600	600	0
1/7/2024 18:35	64202 KINZ_T1	0	2	2	0	0.1	0.1	0	0	0	0	0	0	0	0
1/7/2024 18:36	44301 BEAV_T2	0	1	1	0	0	0	-0.92	-0.93	1	1	0	600	600	0
1/7/2024 18:36	40201 BEGA_T2	1	3	2	0.6	0.1	-0.5	0	0	0	0	0	0	0	0
1/7/2024 18:36	27502 WEIS_T2	2	8	6	0.35	0	-0.35	-0.31	-0.35	0	0	0	0	0	0
1/7/2024 18:36	40502 CRES_T2	7	11	4	0.13	0.25	0.12	-0.59	-0.61	0	0	0	0	0	0
1/7/2024 18:37	66505 SMAN_T2	3	3	0	0.93	0.93	0	-0.53	-0.54	2	2	0	1100	1100	0
1/7/2024 18:37	47401 PENS_T1	0	0	0	0	0	0	0.72	0.7	0	0	0	0	0	0
1/7/2024 18:38	40101 HUNT_T2	379	344	-35	1.31	0.95	-0.36	-0.41	-0.42	0	0	0	0	0	0
1/7/2024 18:38	14401 SSLA_T1	3	12	9	0.7	0	-0.7	0	0	0	0	0	0	0	0
1/7/2024 18:38	57303 MOAL_T2	1	1	0	8.2	8	-0.2	0	0	0	0	0	0	0	0
1/7/2024 18:38	16302 ALPA_T2	0	0	0	0	0	0	-0.75	-0.75	0	0	0	0	0	0
1/7/2024 18:38	46001 BERW_T1	0	0	0	0	0	0	0.73	0.72	0	0	0	0	0	0
1/7/2024 18:40	47001 HUGH_T2	0	1	1	0	0	0	-1.52	-1.59	1	1	0	900	900	0
1/7/2024 18:40	52004 LING_T2	1	1	0	0.8	0.5	-0.3	0	0	0	0	0	0	0	0
1/7/2024 18:40	40502 CRES_T2	7	11	4	0.13	0.25	0.12	-1.22	-1.26	0	0	0	0	0	0
1/7/2024 18:40	52102 MEIS_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1/7/2024 18:40	65901 SAKR_T2	1	1	0	8.1	8.5	0.4	-1.34	-1.32	1	1	0	900	900	0
1/7/2024 18:40	60803 BUCK_T1	0	0	0	0	0	0	-1.29	-1.28	1	1	0	600	600	0
1/7/2024 18:42	64201 KINZ_T1	120	245	125	0.18	0.32	0.14	-1.46	-1.38	6	6	0	3000	3000	0
1/7/2024 18:42	42902 MIDD_T2	0	2	2	0	0	0	0	0	0	0	0	0	0	0
1/7/2024 18:42	40101 HUNT_T2	379	344	-35	1.31	0.95	-0.36	-0.41	-0.42	0	0	0	0	0	0
1/7/2024 18:43	44901 SCOT_T2	0	0	0	0	0	0	-0.5	-0.47	0	0	0	0	0	0
1/7/2024 18:44	13503 MCMI_T2	183	189	6	1.19	0.92	-0.27	0.41	0.43	0	0	0	0	0	0
1/7/2024 18:44	29402 BELT_T1	2	2	0	3	5.9	2.9	0	0	0	0	0	0	0	0
1/7/2024 18:44	56801 BENV_T1	11	12	1	0.7	0.42	-0.28	-0.54	-0.54	1	1	0	600	600	0
1/7/2024 18:44	40502 CRES_T2	7	11	4	0.13	0.25	0.12	-1.83	-1.89	0	0	0	0	0	0
1/7/2024 18:44	42701 AUGU_T1	3	5	2	0.27	0.2	-0.07	0	0	1	1	0	600	600	0
1/7/2024 18:45	46004 BERW_T2	5	3	-2	0.48	0.5	0.02	-0.68	-0.67	0	0	0	0	0	0
1/7/2024 18:45	67503 WEWI_T2	0	1	1	0	0	0	-0.04	-0.13	0	0	0	0	0	0
1/7/2024 18:45	64202 KINZ_T1	0	2	2	0	0.1	0.1	0	0	0	0	0	0	0	0
1/7/2024 18:46	40101 HUNT_T2	339	321	-18	1.2	0.87	-0.33	-0.41	-0.42	0	0	0	0	0	0
1/7/2024 18:46	40502 CRES_T2	11	9	-2	0.25	0.26	0.01	-1.22	-1.26	0	0	0	0	0	0
1/7/2024 18:46	44801 EDAN_T2	1	1	0	1.1	1.2	0.1	0	0	0	0	0	0	0	0
1/7/2024 18:46	29402 BELT_T1	1	3	2	5.2	7.5	2.3	0	0	0	0	0	0	0	0
1/7/2024 18:46	67501 WEWI_T1	0	0	0	0	0	0	-1.13	-1.2	1	1	0	600	600	0
1/7/2024 18:46	48302 ORWI_T2	3	3	0	0.43	0.37	-0.06	-0.49	-0.49	0	0	0	0	0	0
1/7/2024 18:47	49804 UNIV_T1	2	3	1	0.85	0	-0.85	0	0	0	0	0	0	0	0
1/7/2024 18:47	60305 TWVA_T2	0	0	0	0	0	0	1.08	1.15	0	0	0	0	0	0
1/7/2024 18:47	60101 COCA_T1	0	0	0	0	0	0	0.4	0.39	0	0	0	0	0	0
1/7/2024 18:47	11104 EGYP_T1	0	3	3	0	0.3	0.3	-0.47	-0.43	1	1	0	900	900	0
1/7/2024 18:47	62604 ENGL_T1	0	0	0	0	0	0	-1.14	-1.13	0	0	0	0	0	0
1/7/2024 18:47	63403 HONY_T2	0	0	0	0	0	0	-0.4	-0.37	1	1	0	600	600	0
1/7/2024 18:47	16302 ALPA_T2	0	0	0	0	0	0	-0.75	-0.75	0	0	0	0	0	0
1/7/2024 18:48	16302 ALPA_T2	0	0	0	0	0	0	-0.75	-0.75	0	0	0	0	0	0
1/7/2024 18:48	40502 CRES_T2	11	9	-2	0.25	0.26	0.01	-1.22	-1.26	0	0	0	0	0	0
1/7/2024 18:48	62604 ENGL_T1	0	0	0	0	0	0	-1.14	-1.13	0	0	0	0	0	0
1/7/2024 18:48	67103 SPRI_T1	0	0	0	0	0	0	-0.14	-0.16	0	0	0	0	0	0
1/7/2024 18:48	46001 BERW_T1	0	0	0	0	0	0	1.46	1.44	0	0	0	0	0	0
1/7/2024 18:48	44802 EDAN_T2	0	0	0	0	0	0	-3.44	-3.48	1	1	0	1200	1200	0
1/7/2024 18:48	41801 GOCI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1/7/2024 18:48	65001 NEFF_T2	0	0	0	0	0	0	-1.26	-1.26	1	1	0	1200	1200	0
1/7/2024 18:49	63203 MGTN_T1	0	0	0	0	0	0	-0.24	-0.24	1	1	0	600	600	0
1/7/2024 18:50	41901 REED_T1	3	3	0	0.23	0.47	0.24	0	0	0	0	0	0	0	0
1/7/2024 18:50	41802 GOCI_T2	0	1	1	0	0	0	0	0	0	0	0	0	0	0
1/7/2024 18:50	40502 CRES_T2	11	9	-2	0.25	0.26	0.01	-0.61	-0.63	0	0	0	0	0	0
1/7/2024 18:50	11104 EGYP_T1	0	3	3	0	0.3	0.3	-0.47	-0.43	1	1	0	900	900	0
1/7/2024 18:50	67602 WARW_T2	0	0	0	0	0	0	0.22	0.2	0	0	0	0	0	0
1/7/2024 18:50	59202 THOM_T1	1	1	0	0.8	0.2	-0.6	0	0	0	0	0	0	0	0
1/7/2024 18:50	52102 MEIS_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1/7/2024 18:50	56801 BENV_T1	9	8	-1	0.19	0.58	0.39	-0.54	-0.54	1	1	0	600	600	0
1/7/2024 18:50	60803 BUCK_T1	0	0	0	0	0	0	-1.29	-1.28	1	1	0	600	600	0
1/7/2024 18:51	67602 WARW_T2	0	0	0	0	0	0	0.44	0.4	0	0	0	0	0	0
1/7/2024 18:51	67605 WARW_T1	0	0	0	0	0	0	-1	-0.99	0	0	0	0	0	0
1/7/2024 18:51	55002 NEWP_T1	3	4	1	0.4	0.35	-0.05	-0.16	-0.17	0	0	0	0	0	0
1/7/2024 18:51	59101 WALK_T2	1	1	0	0	0	0	1.13	0.53	1	1	0	450	450	0
1/7/2024 18:51	44201 POIN_T1	0	0	0	0	0	0	-2	-2.02	1	1	0	900	900	0
1/7/2024 18:51	16302 ALPA_T2	0	0	0	0	0	0	-0.75	-0.75	0	0	0	0	0	0
1/7/2024 18:51	60201 ATGL_T2	0	0	0	0	0	0	0.3	0.27	0	0	0	0	0	0
1/7/2024 18:51	47401 PENS_T1	0	0	0	0	0	0	0.7	0.71	0	0	0	0	0	0
1/7/2024 18:51	64101 REFR_T1	0	0	0	0	0	0	0.04	0.05	0	0	0	0	0	0
1/7/2024 18:51	56801 BENV_T1	9	8	-1	0.19	0.58	0.39	-0.54	-0.54	1	1	0	600	600	0
1/7/2024 18:52	62604 ENGL_T1	0	0	0	0	0	0	-1.14	-1.13	0	0	0	0	0	0
1/7/2024 18:52	64801 MONE_T2	0	0	0	0	0	0	-0.47	-0.5	0	0	0	0	0	0
1/7/2024 18:52	59101 WALK_T2	1	1	0	0	0	0	1.13	0.53	1	1	0	450	450	0
1/7/2024 18:52	65503 MOJO_T2	3	0	-3	0.13	0	-0.13	-1.5	-1.5	1	1	0	900	900	0
1/7/2024 18:52	48302 ORWI_T2	3	3	0	0.43	0.37	-0.06	-0.49	-0.49	0	0	0	0	0	0
1/7/2024 18:52	55002 NEWP_T1	3	4	1	0.4	0.35	-0.05	0	0	0	0	0	0	0	0
1/7/2024 18:52	59302 MCAL_T1	0	0	0	0	0	0	-0.39	-0.39	1	1	0	600	600	0
1/7/2024 18:52	40502 CRES_T2	11	9	-2	0.25	0.26	0.01	-0.61	-0.63	0	0	0	0	0	0
1/7/2024 18:53	67501 WEWI_T1	0	0	0	0	0	0	-1.13	-1.2	1	1	0	600	600	0
1/7/2024 18:53	56801 BENV_T1	9	8	-1	0.19	0.58	0.39	-0.54	-0.54	1	1	0	600	600	0
1/7/2024 18:53	56504 ROCK_T2	5	0	-5	0.48	0	-0.48	0	0	0	0	0	0	0	0
1/7/2024 18:53	44802 EDAN_T2	0	0	0	0	0	0	-3.48	-3.45	1	1	0	1200	1200	0
1/7/2024 18:54	55002 NEWP_T1	3	4	1	0.4	0.35	-0.05	-0.17	-0.2	0	0	0	0	0	0
1/7/2024 18:54	47401 PENS_T1	0	0	0	0	0	0	0.71	0.74	0	0	0	0	0	0
1/7/2024 18:54	60101 COCA_T1	0	0	0	0	0	0	0.39	0.36	0	0	0	0	0	0
1/7/2024 18:54	56802 BENV_T2	0	0	0	0	0	0	-2.6	-2.68	0	0	0	0	0	0
1/7/2024 18:54	66504 SMAN_T2	0	0	0	0	0	0	-3.6	-3.6	0	2	2	0	2400	2400
1/7/2024 18:54	64101 REFR_T1	0	0	0	0	0	0	0.05	0.04	0	0	0	0	0	0
1/7/2024 18:54	42902 MIDD_T2	2	2	0	0.15	0	-0.15	-1.19	-1.14	1	0	-1	600	0	-600
1/7/2024 18:54	67402 WAKE_T2	0	0	0	0	0	0	-0.32	-0.34	1	1	0	600	600	0
1/7/2024 18:54	40502 CRES_T2	11	9	-2	0.25	0.26	0.01	-0.63	-0.63	0	0

Appendix C - Grid Benefits Achieved in Each Instance of Active Management

1/7/2024 19:00	64101 REFR_T1	0	0	0	0	0	0	0.05	0.04	0	0	0	0	0	0
1/7/2024 19:00	40502 CRES_T2	4	9	5	0.23	0.26	0.03	-1.26	-1.26	0	0	0	0	0	0
1/7/2024 19:00	64401 LAND_T1	0	0	0	0	0	0	-1.07	-1.07	1	1	0	600	600	0
1/7/2024 19:01	46801 HEPB_T2	0	0	0	0	0	0	0.67	0.67	0	0	0	0	0	0
1/7/2024 19:01	47401 PENS_T1	0	0	0	0	0	0	0.71	0.74	0	0	0	0	0	0
1/7/2024 19:01	57401 SPAN_T1	0	0	0	0	0	0	-1.19	-1.28	1	1	0	600	600	0
1/7/2024 19:01	65902 SAKR_T2	0	0	0	0	0	0	-0.55	-0.54	1	1	0	300	300	0
1/7/2024 19:01	45501 DERR_T2	0	1	1	0	0	0	-0.72	-0.66	2	2	0	1800	1800	0
1/7/2024 19:01	47001 HUGH_T2	1	0	-1	0.2	0	-0.2	-1.59	-1.56	1	1	0	900	900	0
1/7/2024 19:01	56501 ROCK_T2	29	157	128	0.16	0.18	0.02	-2.3	-2.29	0	0	0	0	0	0
1/7/2024 19:01	11104 EGYP_T1	3	4	1	0.2	0.25	0.05	-0.43	-0.49	1	1	0	900	900	0
1/7/2024 19:01	60201 ATGL_T2	0	0	0	0	0	0	0.27	0.27	0	0	0	0	0	0
1/7/2024 19:02	40101 HUNT_T2	318	322	4	0.97	0.71	-0.26	-0.42	-0.42	0	0	0	0	0	0
1/7/2024 19:02	20401 ASHF_T2	1	0	-1	0.3	0	-0.3	0	0	0	0	0	0	0	0
1/7/2024 19:02	64101 REFR_T1	0	0	0	0	0	0	0.05	0.04	0	0	0	0	0	0
1/7/2024 19:02	55002 NEWP_T1	4	5	1	0.35	0.48	0.13	0	0	0	0	0	0	0	0
1/7/2024 19:02	56801 BENV_T1	7	8	1	0.57	0.56	-0.01	-0.54	-0.56	1	1	0	600	600	0
1/7/2024 19:02	64201 KINZ_T1	100	245	145	0.36	0.3	-0.06	0	0	0	0	0	0	0	0
1/7/2024 19:02	56802 BENV_T2	0	0	0	0	0	0	-1.3	-1.34	0	0	0	0	0	0
1/7/2024 19:02	53901 HAU_T2	0	0	0	0	0	0	-0.41	-0.34	0	0	0	0	0	0
1/7/2024 19:02	57401 SPAN_T1	0	0	0	0	0	0	-1.19	-1.28	1	1	0	600	600	0
1/7/2024 19:02	59101 WALK_T2	1	1	0	0	0	0	0.53	0.75	1	1	0	450	450	0
1/7/2024 19:02	40502 CRES_T2	4	9	5	0.23	0.26	0.03	-0.63	-0.63	0	0	0	0	0	0
1/7/2024 19:02	46903 MNTG_T2	0	0	0	0	0	0	-0.25	-0.21	1	1	0	600	600	0
1/7/2024 19:03	64101 REFR_T1	0	0	0	0	0	0	0.05	0.04	0	0	0	0	0	0
1/7/2024 19:03	42701 AUGU_T1	3	1	-2	0.23	0.2	-0.03	0	0	1	1	0	600	600	0
1/7/2024 19:03	56801 BENV_T1	7	8	1	0.57	0.56	-0.01	-0.54	-0.56	1	1	0	600	600	0
1/7/2024 19:03	51107 CARL_T1	7	27	20	0.11	0.18	0.07	-0.46	-0.47	0	0	0	0	0	0
1/7/2024 19:03	59101 WALK_T2	1	1	0	0	0	0	0.53	0.75	1	1	0	450	450	0
1/7/2024 19:03	52501 PROG_T1	0	0	0	0	0	0	-0.44	-0.44	0	0	0	0	0	0
1/7/2024 19:03	55105 WERT_T1	0	0	0	0	0	0	-0.4	-0.39	1	1	0	900	900	0
1/7/2024 19:04	40502 CRES_T2	4	9	5	0.23	0.26	0.03	-0.63	-0.63	0	0	0	0	0	0
1/7/2024 19:04	56802 BENV_T2	0	0	0	0	0	0	-1.3	-1.34	0	0	0	0	0	0
1/7/2024 19:04	41901 REED_T1	3	2	-1	0.47	0.45	-0.02	0	0	0	0	0	0	0	0
1/7/2024 19:04	40902 JESH_T1	1	0	-1	0.8	0	-0.8	-1.48	-1.51	1	1	0	600	600	0
1/7/2024 19:05	51102 CARL_T1	0	7	7	0	0.14	0.14	0	0	0	0	0	0	0	0
1/7/2024 19:05	56504 ROCK_T2	0	4	4	0	0	0	0	0	0	0	0	0	0	0
1/7/2024 19:05	53901 HAU_T2	0	0	0	0	0	0	-0.81	-0.68	0	0	0	0	0	0
1/7/2024 19:05	43402 BENT_T1	2	1	-1	0.3	0	-0.3	-0.91	-0.91	1	1	0	900	900	0
1/7/2024 19:05	47401 PENS_T1	0	0	0	0	0	0	0.71	0.74	0	0	0	0	0	0
1/7/2024 19:06	44201 POIN_T1	0	0	0	0	0	0	-2.02	-2.05	1	1	0	900	900	0
1/7/2024 19:06	13503 MCMI_T2	168	149	-19	0.95	0.74	-0.21	0.43	0.43	0	0	0	0	0	0
1/7/2024 19:06	53901 HAU_T2	0	0	0	0	0	0	-1.22	-1.02	0	0	0	0	0	0
1/7/2024 19:06	40502 CRES_T2	4	9	5	0.23	0.26	0.03	-0.63	-0.63	0	0	0	0	0	0
1/7/2024 19:06	57401 SPAN_T1	0	0	0	0	0	0	-1.19	-1.28	1	1	0	600	600	0
1/7/2024 19:06	40101 HUNT_T2	318	322	4	0.97	0.71	-0.26	-0.42	-0.42	0	0	0	0	0	0
1/7/2024 19:06	59101 WALK_T2	1	1	0	0	0	0	0.53	0.75	1	1	0	450	450	0
1/7/2024 19:06	56801 BENV_T1	7	8	1	0.57	0.56	-0.01	-2.16	-2.24	4	4	0	2400	2400	0
1/7/2024 19:06	42701 AUGU_T1	3	1	-2	0.23	0.2	-0.03	0	0	1	1	0	600	600	0
1/7/2024 19:07	43001 ALWD_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1/7/2024 19:07	45702 LIND_T2	0	0	0	0	0	0	-0.41	-0.41	0	0	0	0	0	0
1/7/2024 19:07	56801 BENV_T1	7	8	1	0.57	0.56	-0.01	-0.54	-0.56	1	1	0	600	600	0
1/7/2024 19:07	52102 MEIS_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1/7/2024 19:07	67901 WNHO_T2	88	93	5	0.26	0.31	0.05	-0.55	-0.58	0	0	0	0	0	0
1/7/2024 19:08	52102 MEIS_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1/7/2024 19:08	57403 SPAN_T1	1	0	-1	0.1	0	-0.1	0	0	0	0	0	0	0	0
1/7/2024 19:08	52402 GRPA_T2	3	1	-2	0.9	2.8	1.9	-0.88	-0.84	0	0	0	0	0	0
1/7/2024 19:08	52402 GRPA_T2	3	1	-2	0.9	2.8	1.9	-0.88	-0.84	0	0	0	0	0	0
1/7/2024 19:08	56802 BENV_T2	0	0	0	0	0	0	-1.3	-1.34	0	0	0	0	0	0
1/7/2024 19:09	52401 GRPA_T2	1	5	4	0.4	0.6	0.2	0	0	0	0	0	0	0	0
1/7/2024 19:09	52102 MEIS_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1/7/2024 19:10	56801 BENV_T1	7	8	1	0.57	0.56	-0.01	-0.56	-0.54	1	1	0	600	600	0
1/7/2024 19:11	52402 GRPA_T2	3	1	-2	0.9	2.8	1.9	-0.84	-0.86	0	0	0	0	0	0
1/7/2024 19:11	58401 MORO_T1	0	0	0	0	0	0	-1.96	-1.99	2	2	0	1200	1200	0
1/7/2024 19:11	58402 MORO_T1	0	0	0	0	0	0	-0.25	-0.32	2	2	0	1500	1500	0
1/7/2024 19:18	65001 NEFF_T2	0	1	1	0	0.1	0.1	-1.31	-1.32	1	1	0	1200	1200	0
1/7/2024 19:29	64101 REFR_T1	0	0	0	0	0	0	0.01	0.02	0	0	0	0	0	0
1/7/2024 19:59	46801 HEPB_T2	0	0	0	0	0	0	0.65	0.66	0	0	0	0	0	0
1/7/2024 20:05	65001 NEFF_T2	0	4	4	0	0.1	0.1	-1.36	-1.35	1	1	0	1200	1200	0
1/7/2024 20:06	66505 SMAN_T2	3	3	0	0.3	0.77	0.47	-0.58	-0.55	2	2	0	1100	1100	0
1/7/2024 20:14	40101 HUNT_T2	76	30	-46	0.51	0.38	-0.13	-0.47	-0.46	0	0	0	0	0	0
1/7/2024 20:15	65001 NEFF_T2	4	3	-1	0.1	0.1	0	-1.35	-1.37	1	1	0	1200	1200	0
1/7/2024 20:36	65001 NEFF_T2	3	2	-1	0.1	0.1	0	-1.37	-1.36	1	1	0	1200	1200	0
1/7/2024 20:38	41902 REED_T1	13	2	-11	0.61	0.1	-0.51	0.07	0.07	1	1	0	900	900	0
1/7/2024 20:57	65001 NEFF_T2	2	22	20	0.1	0.14	0.04	-1.34	-1.39	1	1	0	1200	1200	0
1/7/2024 21:13	65003 NEFF_T2	0	1	1	0	0.1	0.1	0	0	0	0	0	0	0	0
1/7/2024 21:50	46501 LOHA_T1	0	0	0	0	0	0	-0.28	-0.24	1	1	0	1200	1200	0
1/7/2024 22:42	65003 NEFF_T2	0	1	1	0	0.1	0.1	0	0	0	0	0	0	0	0
1/7/2024 22:58	65003 NEFF_T2	1	0	-1	0.1	0	-0.1	0	0	0	0	0	0	0	0
1/7/2024 23:02	27502 WEIS_T2	0	0	0	0	0	0	-0.71	-0.75	0	0	0	0	0	0
1/7/2024 23:12	29402 BELT_T1	1	1	0	7.9	7.8	-0.1	0	0	0	0	0	0	0	0
1/7/2024 23:30	65001 NEFF_T2	25	3	-22	0.14	0.1	-0.04	-1.46	-1.41	1	1	0	1200	1200	0
1/8/2024 0:08	65001 NEFF_T2	3	7	4	0.1	0.16	0.06	-1.48	-1.5	1	1	0	1200	1200	0
1/8/2024 0:54	65001 NEFF_T2	6	4	-2	0.15	0.18	0.03	-1.41	-1.44	1	1	0	1200	1200	0
1/8/2024 1:09	65001 NEFF_T2	4	4	0	0.13	0.18	0.05	-1.44	-1.47	1	1	0	1200	1200	0
1/8/2024 2:07	65001 NEFF_T2	0	0	0	0	0	0	-1.41	-1.41	1	1	0	1200	1200	0
1/8/2024 2:10	20601 GRWD_T2	0	0	0	0	0	0	-0.12	0.52	0	0	0	0	0	0
1/8/2024 2:49	65001 NEFF_T2	0	0	0	0	0	0	-1.4	-1.34	1	1	0	1200	1200	0
1/8/2024 3:47	65001 NEFF_T2	0	0	0	0	0	0	-1.46	-1.42	1	1	0	1200	1200	0
1/8/2024 4:39	65001 NEFF_T2	0	0	0	0	0	0	-1.37	-1.32	1	1	0	1200	1200	0
1/8/2024 5:27	65001 NEFF_T2	0	0	0	0	0	0	-1.25	-1.2	1	1	0	1200	1200	0
1/8/2024 6:45	65001 NEFF_T2	0	0	0	0	0	0	-0.75	-0.74	1	1	0	1200	1200	0
1/8/2024 8:04	65001 NEFF_T2	0	0	0	0	0	0	-0.54	-0.61	1	1	0	1200	1200	0
1/8/2024 8:26	49803 UNIV_T1	0	0	0	0	0	0	-1.05	-1.06	0	0	0	0	0	0
1/8/2024 8:46	65001 NEFF_T2	0	0	0	0	0	0	-0.46	-0.52	1	1	0	1200	1200	0
1/8/2024 9:00	53903 HAU_T2	2	2	0	0.95	1.25	0.3	-0.18	-0.19	0	0	0	0	0	0
1/8/2024 9:00	42903 MIDD_T2	0	0	0	0	0	0	0.93	1.19	1	1	0	1200	1200	0
1/8/2024 9:00	41901 REED_T1	7	10	3	0.37	0.37	0	0	0	0	0	0	0	0	0
1/8/2024 9:00	43001 ALWD_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1/8/2024 9:00	57401 SPAN_T1	0	2	2	0	0.25	0.25	0	0	0	0	0	0	0	0
1/8/2024 9:00	27502 WEIS_T2	0	0	0	0	0	0	-0.43	-0.37	0	0	0	0	0	0
1/8/2024 9:00	67503 WEWI_T2	0	0	0	0	0	0	-0.1	-0.08	0	0	0	0	0	0
1/8/2024 9:00	46004 BERW_T2	0	1	1	0	0	0	-0.42	-0.37	0	0	0	0	0	0
1/8/2024 9:00	60101 COCA_T1	0	0	0	0	0	0	0.46	0.41	0	0	0	0	0	0
1/8/2024 9:00	21401 HONE_T2	0	0	0	0	0	0	-0.23	-0.19	0	0	0	0	0	0
1/8/2024 9:00	43304 WATS_T2	0	0	0	0	0	0	-0.78	-0.84	1	1	0	600	600	0
1/8/2024 9:00	40502 CRES_T2	0	0	0	0	0	0	-0.65	-0.65	0	0	0	0	0	0
1/8/2024 9:00	67402 WAKE_T2	0	0	0	0	0	0	0.06	0.04	1	1	0	600	600	0
1/8/2024 9:01	66505 SMAN_T2	1	3	2	0.1	0.23	0.13	-0.21	-0.09	2	2	0	1100	1100	0
1/8/2024 9:02	67501 WEWI_T1	0	0	0	0	0	0	-1.09	-1.1	1	1	0	600	600	0
1/8/2024 9:07	67503 WEWI_T2	0	0	0	0	0	0	-0.1	-0.08	0	0	0	0	0	0
1/8/2024 9:07	44201 POIN_T1	0	0	0	0	0	0	-0.59	-0.94	1	1	0	900	900	0
1/8/2024 9:08	59101 WALK_T2	1	1	0	0	0	0	0	0	0	0	0	0	0	0
1/8/2024 9:08	53501 EVIL_T2	5	5	0	0.58	0.86	0.28	-0.92	-0.87	2	2	0	1200	1200	0
1/8/2024 9:08	53901 HAU_T2	1	1	0	0.5	0.6	0.1	-0.37	-0.39	0	0	0	0	0	0
1/8/2024 9:39	52402 GRPA_T2	4	5	1	1.33	1.32	-0.01	-1.69	-1.71	0	0	0	0	0	0
1/8/2024 10:39	44901 SCOT_T2	0	0	0	0	0	0	0.19	0.14	0	0	0	0	0	0
1/8/2024 10:42	44901 SCOT_T2	0	0	0	0	0	0	0.19	0.14	0	0	0	0	0	0
1/8/2024 11:03	52006 LING_T2	3	3	0	0.23	0.23	0	0	0	0	0	0	0	0	0
1/8/2024 11:14	52004 LING_T2	0	1	1	0	0.8	0.8	0.27	0.28	0	0	0	0	0	0
1/8/2024 11:15	52006 LING_T2	3	3	0	0.2	0.27	0.07	0	0	0	0	0	0	0	0
1/8/2024 11:35	49803 UNIV_T1	0	0	0	0	0	0	-0.97	-1	0	0	0	0	0	0
1/8/2024 12:42	66703 STRA_T1	5	0	-5	0.38	0	-0.38	-0.07	-0.1	0	0	0	0	0	0
1/8/2024 13:05	51107 CARL_T1	0	0	0	0	0	0	0.5	0.37	0	0	0	0	0	0
1/8/2024 13:06	51107 CARL_T1	0	0	0	0	0	0	0.5	0.37	0	0	0	0	0	0
1/8/2024 14:12	44901 SCOT_T2	0	0	0	0	0	0	0.05	0.04	0	0	0	0	0	0
1/8/2024 14:22	66703 STRA_T1	4	6	2	0.2	0.45	0.25	-0.08	-0.05	0	0	0	0	0	0
1/8/2024 14:38	66703 STRA_T1	4	6	2	0.2	0.45	0.25	-0.05	-0.13	0	0	0	0	0	0
1/8/2024 14:59	64801 MONE_T2	1	0	-1	0.2	0	-0.2	0	0	0	0	0	0	0	0
1/8/2024 16:52	49804 UNIV_T1	0	1	1	0	0	0	0	0	0	0	0	0	0	0
1/8/2024 18:40	44901 SCOT_T2	0	0	0	0	0	0	-0.08	-0.14	0	0	0	0	0	0
1/8/2024 18:50	44901 SCOT_T2	0	0	0	0	0	0	-0.08	-0.14	0	0	0	0	0	0
1/8/2024 18:50	52004 LING_T2	1	1	0	0.8	0.7	-0.1	0.28	0.25	0	0	0	0	0	0
1/8/2024 18:56	52004 LING_T2	1	1	0	0.8	0.7	-0.1	0	0	0	0	0	0	0	0
1/8/2024 18:57	49803 UNIV_T1	0	0	0	0	0	0	-1.01	-1.04	0	0	0	0	0	0
1/8/2024 19:04	51107 CARL_T1	0	0	0	0	0	0	0.03	0.06	0	0	0	0	0	0
1/8/2024 19:04	52004 LING_T2	1	1	0	0.7	0.5	-0.2	0.25	0.29	0	0	0	0	0	0
1/8/2024 19:05	51107 CARL_T1	0	0	0	0	0	0	0.03	0.06	0	0	0	0	0	0
1/8/2024 19:06	52401 GRPA_T2	8	9	1	0.5	0.2	-0.3	0	0	0	0	0	0	0	0
1/8/2024 19:08	52403 GRPA_T2	2	7	5	0.55	1.8	1.25	0	0	0	0	0	0	0	0
1/8/2024 19:11	66703 STRA_T1	0	1	1	0	0.2	0.2	-0.23	-0.2	0	0	0	0	0	0
1/8/2024 19:11	64802 MONE_T2	0	0	0	0	0	0	-0.01	0.01	0	0	0	0	0	0
1/9/2024 7:53	43402 BENT_T1	2	0	-2	0.3	0	-0.3	-1.55	-1.54	2	2	0	1500	1500	0
1/9/2024 7:55	43402 BENT_T1	2	0	-2	0.3	0	-0.3	-1.55	-1.54	2	2	0	1500	1500	0
1/9/2024 7:57	45502 DERR_T2	1	1	0	0.3	0.2	-0.1	0	0	0	0	0	0	0	0
1/9/2024 8:02	46901 MNTG_T2	0	0	0	0	0	0	0.54	0.41	1	1	0	1200	1200	0
1/9/2024 8:09	45501 DERR_T2	0	1	1	0	0	0	0.68	0.7	2	2	0	1800	1800	0
1/9/2024 8:14	40101 HUNT_T2	1	21	20	0.2	0.1	-0.1	-0.71	-0.64	0	0	0	0	0	0
1/9/2024 8:31	55002 NEWP_T1	6	6	0	0.62	0.78	0.16	-0.19	-0.17	0	0	0	0	0	0
1/9/2024 8:36	54203 PENN_T1	205	18	-187	0.28	0.61	0.33	0	0	0	0	0	0	0	0
1/9/2024 8:36	67103 SPRI_T1	0	0	0	0	0	0	-0.05	-0.01	0	0	0	0	0	0
1/9/2024 8:36	29401 BELT_T1	28	36	8	0.16	0.2	0.04	0	0	0	0	0	0	0	0
1/9/2024 8:56	52404 GRPA_T2	5	10	5	0.26	0	-0.26	0.79	0.31	0	0	0	0	0	0
1/9/2024 8:57	53601 DALM_T2	1	1	0	0.6	0.7	0.1	-0.59	-0.33	1	1	0	600	600	0
1/9/2024 8:58	52402 GRPA_T2	1	3	2	3.7	1.5	-2.2	0	0	0	0	0	0	0	0
1/9/2024 9:00	53501 EVIL_T2	8	8	0	1.26	1.13	-0.13	-0.97	-0.96	2	2	0	1200	1200	0
1/9/2024 9:00	67503 WEWI_T2	0	0	0	0	0	0	-0.08	0.1	0	0	0	0	0	0
1/9/2024 9:00	42901 MIDD_T2	0	1	1	0	0	0	0	0	0	0	0	0	0	0
1/9/2024 9:00	43001 ALWD_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1/9/2024 9:00	46004 BERW_T2	0	0	0	0	0	0	-0.31	-0.38	0	0	0	0	0	0
1/9/2024 9:00	59102 WALK_T2	0	0	0	0	0	0	-0.22	-0.26	1	1	0	600	600	0
1/9/2024 9:00	43304 WATS_T2	0	0	0	0	0	0	-0.45	-0.4	0	0	0	0	0	0
1/9/2024 9:00	23401 HONE_T2	0	0	0	0	0	0	-0.23	-0.09	0	0	0	0	0	0
1/9/2024 9:00	40502 CRES_T2	0	5	5	0	0.16	0.16	-0.66	-0.64	0	0	0	0	0	0
1/9/2024 9:04	46301 ROHR_T1	0	0	0	0	0	0	0.58	0.57	0	0	0	0	0	0
1/9/2024 9:06	44201 POIN_T1	0	0	0	0	0	0	-0.4	-0.7	1	1	0	900	900	0
1/9/2024 9:07	49803 UNIV_T1	0	0	0	0	0	0	-1.02	-0.91	0	0	0	0	0	0
1/9/2024 9:07	67402 WAKE_T2	0	0	0	0	0	0	0.6	0.59	1	1	0	600	600	0
1/9/2024 9:08	41901 REED_T1	9	11	2	0.57	0.48	-0.09	0	0	0	0	0	0	0	0
1/9/2024 9:08	60101 COCA_T1	0	0	0	0	0	0	0.47	0.47	0	0	0	0	0	0
1/9/2024 9:08	57401 SPAN_T1	2	2	0	0.45	0.3	-0.15	0	0	0	0	0	0	0	0
1/9/2024 9:08	67103 SPRI_T1	0	0	0	0	0	0	-0.01	-0.07	0	0	0	0	0	0
1/9/2024 9:08	27502 WEIS_T2	0	0	0	0	0	0	-0.33	-0.33	0	0	0	0	0	0
1/9/2024 9:09	45501 DERR_T2	0	0	0	0	0	0	0.73	0.72	2	2	0	1800	1800	0
1/9/2024 9:14	46903 MNTG_T2	0	0	0	0	0	0	0.06	0.05	1	1	0	600	600	0
1/9/2024 9:18	55002 NEWP_T1	5	1	-4	0.56	0.4	-0.16	-0.17	-0.17	0	0	0	0	0	0
1/9/2024 9:21	46901 MNTG_T2	0	0	0	0	0	0	0.44	1.16	1	1	0	1200	1200	0
1/9/2024 9:23	49803 UNIV_T1	0	0	0	0	0	0	-0.95	-0.91

Appendix C - Grid Benefits Achieved in Each Instance of Active Management

1/9/2024 10:00	52404 GRPA_T2	1	23	22	0.4	0.3	-0.1	0.68	0.65	0	0	0	0	0	0
1/9/2024 10:01	52404 GRPA_T2	1	23	22	0.4	0.3	-0.1	0.68	0.65	0	0	0	0	0	0
1/9/2024 10:01	60501 NMAN_T2	3	3	0	4.57	4.37	-0.2	0	0	0	0	0	0	0	0
1/9/2024 10:01	55002 NEWP_T1	2	2	0	0.3	0.4	0.1	-0.17	-0.19	0	0	0	0	0	0
1/9/2024 10:04	65604 QVIL_T2	0	0	0	0	0	0	0.47	0.48	0	0	0	0	0	0
1/9/2024 10:04	55002 NEWP_T1	2	2	0	0.3	0.4	0.1	-0.17	-0.19	0	0	0	0	0	0
1/9/2024 10:05	55002 NEWP_T1	2	2	0	0.3	0.4	0.1	-0.51	-0.57	0	0	0	0	0	0
1/9/2024 10:05	67204 TEHI_T2	0	0	0	0	0	0	0.04	0.03	0	0	0	0	0	0
1/9/2024 10:06	20403 ASHF_T2	0	0	0	0	0	0	0.29	0.29	0	0	0	0	0	0
1/9/2024 10:06	57401 SPAN_T1	0	1	1	0	0.2	0.2	-0.88	-0.93	1	1	0	600	600	0
1/9/2024 10:06	29402 BELT_T1	1	2	1	7.2	7.3	0.1	0	0	0	0	0	0	0	0
1/9/2024 10:06	67204 TEHI_T2	0	0	0	0	0	0	0.04	0.03	0	0	0	0	0	0
1/9/2024 10:07	57401 SPAN_T1	0	1	1	0	0.2	0.2	-1.76	-1.85	2	2	0	1200	1200	0
1/9/2024 10:08	42601 TUSC_T1	29	59	30	0.45	0.48	0.03	1.23	1.32	4	4	0	3600	3600	0
1/9/2024 10:08	57401 SPAN_T1	0	1	1	0	0.2	0.2	-0.88	-0.93	1	1	0	600	600	0
1/9/2024 10:08	56802 BENV_T2	1	1	0	0.1	0.1	0	-2.57	-2.5	0	0	0	0	0	0
1/9/2024 10:09	57401 SPAN_T1	0	1	1	0	0.2	0.2	-0.93	-0.91	1	1	0	600	600	0
1/9/2024 10:09	56802 BENV_T2	1	1	0	0.1	0.1	0	-2.5	-2.52	0	0	0	0	0	0
1/9/2024 10:10	20403 ASHF_T2	0	0	0	0	0	0	0.29	0.29	0	0	0	0	0	0
1/9/2024 10:10	56802 BENV_T2	1	1	0	0.1	0.1	0	-2.5	-2.52	0	0	0	0	0	0
1/9/2024 10:10	53502 EVIL_T2	12	1	-11	0.32	0.6	0.28	0	0	0	0	0	0	0	0
1/9/2024 10:11	56802 BENV_T2	1	1	0	0.1	0.1	0	-1.25	-1.26	0	0	0	0	0	0
1/9/2024 10:11	53903 HAU_T2	2	2	0	1.1	1.25	0.15	-0.23	-0.22	0	0	0	0	0	0
1/9/2024 10:11	62604 ENGL_T1	0	0	0	0	0	0	-0.9	-0.68	2	2	0	1200	1200	0
1/9/2024 10:11	53502 EVIL_T2	12	1	-11	0.32	0.6	0.28	0	0	0	0	0	0	0	0
1/9/2024 10:12	53502 EVIL_T2	12	1	-11	0.32	0.6	0.28	0	0	0	0	0	0	0	0
1/9/2024 10:12	56802 BENV_T2	1	1	0	0.1	0.1	0	-1.25	-1.26	0	0	0	0	0	0
1/9/2024 10:13	27101 GFLD_T2	0	0	0	0	0	0	0.31	0.3	0	0	0	0	0	0
1/9/2024 10:13	62604 ENGL_T1	0	0	0	1	0	0	-0.45	-0.34	1	1	0	600	600	0
1/9/2024 10:13	56802 BENV_T2	1	1	0	0.1	0.1	0	-1.25	-1.26	0	0	0	0	0	0
1/9/2024 10:14	41801 GOCI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1/9/2024 10:14	53502 EVIL_T2	12	1	-11	0.32	0.6	0.28	0	0	0	0	0	0	0	0
1/9/2024 10:14	52403 GRPA_T2	5	12	7	1.08	0.48	-0.6	0.14	0.1	0	0	0	0	0	0
1/9/2024 10:14	53903 HAU_T2	2	2	0	1.1	1.25	0.15	-0.23	-0.22	0	0	0	0	0	0
1/9/2024 10:14	62604 ENGL_T1	0	0	0	0	0	0	-0.45	-0.34	1	1	0	600	600	0
1/9/2024 10:15	62607 ENGL_T1	1	0	-1	1.1	0	-1.1	0	0	0	0	0	0	0	0
1/9/2024 10:16	53903 HAU_T2	2	2	0	1.25	1.1	-0.15	-0.23	-0.22	0	0	0	0	0	0
1/9/2024 10:16	40101 HUNT_T2	39	39	0	0.31	0.4	0.09	-1.62	-1.3	0	0	0	0	0	0
1/9/2024 10:17	53903 HAU_T2	2	2	0	1.25	1.1	-0.15	-0.23	-0.22	0	0	0	0	0	0
1/9/2024 10:17	52404 GRPA_T2	3	23	20	0.3	0.41	0.11	0	0	0	0	0	0	0	0
1/9/2024 10:17	65001 NEFF_T2	0	0	0	0	0	0	-0.59	-0.53	1	1	0	1200	1200	0
1/9/2024 10:18	12701 MACU_T1	0	0	0	0	0	0	-0.95	-0.98	1	1	0	1200	1200	0
1/9/2024 10:19	66504 SMAN_T2	0	0	0	0	0	0	-0.14	-0.15	0	0	0	0	0	0
1/9/2024 10:19	43201 MVIL_T2	0	0	0	0	0	0	-0.33	-0.33	0	0	0	0	0	0
1/9/2024 10:19	12701 MACU_T1	0	0	0	0	0	0	-0.95	-0.98	1	1	0	1200	1200	0
1/9/2024 10:19	65001 NEFF_T2	0	0	0	0	0	0	-0.59	-0.53	1	1	0	1200	1200	0
1/9/2024 10:20	56501 ROCK_T2	1	1	0	2.8	0	-2.8	-1.22	-1.31	0	0	0	0	0	0
1/9/2024 10:20	57401 SPAN_T1	1	1	0	0.2	0.2	0	-0.93	-0.91	1	1	0	600	600	0
1/9/2024 10:20	49803 UNIV_T1	0	0	0	0	0	0	-0.93	-0.88	0	0	0	0	0	0
1/9/2024 10:22	65901 SAKR_T2	1	1	0	8.7	8.5	-0.2	0	0	0	0	0	0	0	0
1/9/2024 10:22	66504 SMAN_T2	0	0	0	0	0	0	-0.27	-0.3	0	0	0	0	0	0
1/9/2024 10:22	42701 AUGU_T1	2	3	1	0.15	1	0.85	0	0	1	1	0	600	600	0
1/9/2024 10:23	14401 SSLA_T1	0	4	4	0	0	0	0	0	0	0	0	0	0	0
1/9/2024 10:23	57401 SPAN_T1	1	1	0	0.2	0.2	0	-0.93	-0.91	1	1	0	600	600	0
1/9/2024 10:23	44301 BEAV_T2	2	1	-1	1.3	0.5	-0.8	0.59	0.31	2	2	0	1500	1500	0
1/9/2024 10:23	59101 WALK_T2	1	1	0	0	0	0	4.25	4.84	0	0	0	0	0	0
1/9/2024 10:24	59101 WALK_T2	1	1	0	0	0	0	4.84	4.42	0	0	0	0	0	0
1/9/2024 10:24	56501 ROCK_T2	1	1	0	2.8	0	-2.8	-1.31	-1.32	0	0	0	0	0	0
1/9/2024 10:27	52403 GRPA_T2	6	12	6	0.62	0.72	0.1	0.08	0	0	0	0	0	0	0
1/9/2024 10:28	65001 NEFF_T2	0	0	0	0	0	0	-0.53	-0.43	1	1	0	1200	1200	0
1/9/2024 10:30	16402 MOPO_T1	6	13	7	0.65	0.67	0.02	0.26	0.26	0	0	0	0	0	0
1/9/2024 10:30	64702 LITI_T2	0	0	0	0	0	0	-0.88	-0.87	0	0	0	0	0	0
1/9/2024 10:31	52102 MEIS_T1	0	0	0	0	0	0	0	0	1	1	0	450	450	0
1/9/2024 10:32	64702 LITI_T2	0	0	0	0	0	0	-0.88	-0.87	0	0	0	0	0	0
1/9/2024 10:32	44201 POIN_T1	0	0	0	0	0	0	0.01	-0.32	1	1	0	900	900	0
1/9/2024 10:32	16402 MOPO_T1	6	13	7	0.65	0.67	0.02	0.26	0.26	0	0	0	0	0	0
1/9/2024 10:33	64702 LITI_T2	0	0	0	0	0	0	-0.88	-0.87	0	0	0	0	0	0
1/9/2024 10:33	44905 SCOT_T1	7	5	-2	0.54	0.2	-0.34	0	0	0	0	0	0	0	0
1/9/2024 10:34	40603 PIGR_T1	0	1	1	0	0	0	0	0	0	0	0	0	0	0
1/9/2024 10:34	58302 NOTT_T1	0	0	0	0	0	0	-0.39	-0.44	1	1	0	1200	1200	0
1/9/2024 10:35	44201 POIN_T1	0	0	0	0	0	0	0.01	-0.32	1	1	0	900	900	0
1/9/2024 10:36	49803 UNIV_T1	0	0	0	0	0	0	-0.88	-0.86	0	0	0	0	0	0
1/9/2024 10:36	61306 EARL_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1/9/2024 10:36	40603 PIGR_T1	0	1	1	0	0	0	0	0	0	0	0	0	0	0
1/9/2024 10:37	16302 ALPA_T2	0	0	0	0	0	0	-0.57	-0.53	0	0	0	0	0	0
1/9/2024 10:38	40502 CRES_T2	1	9	8	0.2	0.14	-0.06	-0.61	-0.63	0	0	0	0	0	0
1/9/2024 10:38	42202 SHEN_T2	1	1	0	0.2	0	-0.2	0	0	0	0	0	0	0	0
1/9/2024 10:38	16302 ALPA_T2	0	0	0	0	0	0	-0.57	-0.53	0	0	0	0	0	0
1/9/2024 10:38	61306 EARL_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1/9/2024 10:39	16302 ALPA_T2	0	0	0	0	0	0	-0.53	-0.47	0	0	0	0	0	0
1/9/2024 10:40	45501 DERR_T2	0	0	0	0	0	0	0.65	0.7	2	2	0	1800	1800	0
1/9/2024 10:40	44301 BEAV_T2	1	1	0	0.7	0.5	-0.2	0.31	0.46	2	2	0	1500	1500	0
1/9/2024 10:40	40502 CRES_T2	1	9	8	0.2	0.14	-0.06	-3.05	-3.15	0	0	0	0	0	0
1/9/2024 10:40	16302 ALPA_T2	0	0	0	0	0	0	-0.53	-0.47	0	0	0	0	0	0
1/9/2024 10:42	40502 CRES_T2	1	9	8	0.2	0.14	-0.06	-4.89	-5.04	0	0	0	0	0	0
1/9/2024 10:42	45802 HEGI_T2	1	1	0	0.3	0	-0.3	0.37	-0.25	1	1	0	900	900	0
1/9/2024 10:42	45501 DERR_T2	0	0	0	0	0	0	0.65	0.7	2	2	0	1800	1800	0
1/9/2024 10:43	56802 BENV_T2	0	0	0	0	0	0	-1.33	-1.31	0	0	0	0	0	0
1/9/2024 10:44	45802 HEGI_T2	1	1	0	0.3	0	-0.3	0.37	-0.25	1	1	0	900	900	0
1/9/2024 10:45	57304 MOAL_T2	0	0	0	0	0	0	-0.13	-0.15	0	0	0	0	0	0
1/9/2024 10:45	46801 HEPB_T2	0	0	0	0	0	0	0.64	0.68	0	0	0	0	0	0
1/9/2024 10:46	40101 HUNT_T2	4	23	19	0.55	0.24	-0.31	-0.64	-0.67	0	0	0	0	0	0
1/9/2024 10:47	42903 MIDD_T2	0	0	0	0	0	0	0.68	0.69	1	1	0	1200	1200	0
1/9/2024 10:50	27502 WEIS_T2	0	0	0	0	0	0	-0.3	-0.32	0	0	0	0	0	0
1/9/2024 10:51	66703 STRA_T1	0	1	1	0	0.1	0.1	0.12	0.06	0	0	0	0	0	0
1/9/2024 10:52	61102 BERK_T5	0	0	0	0	0	0	-0.15	-0.12	1	1	0	300	300	0
1/9/2024 10:52	64101 REFR_T1	0	0	0	0	0	0	0.04	0.03	0	0	0	0	0	0
1/9/2024 10:52	45402 WILO_T2	0	1	1	0	0	0	-0.47	-0.49	0	0	0	0	0	0
1/9/2024 10:52	56802 BENV_T2	0	0	0	0	0	0	-1.33	-1.31	0	0	0	0	0	0
1/9/2024 10:53	67203 TEHI_T1	0	0	0	0	0	0	2.02	1.98	3	3	0	2100	2100	0
1/9/2024 10:53	60201 ATGL_T2	0	0	0	0	0	0	-0.12	-0.22	2	2	0	900	900	0
1/9/2024 10:53	43001 ALWD_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1/9/2024 10:54	56802 BENV_T2	0	0	0	0	0	0	-1.31	-1.25	0	0	0	0	0	0
1/9/2024 10:55	61102 BERK_T5	0	0	0	0	0	0	-0.12	0.09	1	1	0	300	300	0
1/9/2024 10:55	56802 BENV_T2	0	0	0	0	0	0	-1.31	-1.25	0	0	0	0	0	0
1/9/2024 10:56	56802 BENV_T2	0	0	0	0	0	0	-2.62	-2.5	0	0	0	0	0	0
1/9/2024 10:56	61102 BERK_T5	0	0	0	0	0	0	-0.12	0.09	1	1	0	300	300	0
1/9/2024 10:58	45802 HEGI_T2	1	0	-1	0.2	0	-0.2	-0.25	-0.21	1	1	0	900	900	0
1/9/2024 10:58	64202 KINZ_T1	0	2	2	0	0.25	0.25	0	0	0	0	0	0	0	0
1/9/2024 10:59	64201 KINZ_T1	0	1	1	0	0.6	0.6	-0.66	-0.62	4	4	0	2100	2100	0
1/9/2024 11:00	56802 BENV_T2	0	1	1	0	0.1	0.1	-1.31	-1.25	0	0	0	0	0	0
1/9/2024 11:00	45802 HEGI_T2	0	0	0	0	0	0	-0.25	-0.21	1	1	0	900	900	0
1/9/2024 11:02	64202 KINZ_T1	2	2	0	0.25	0.3	0.05	0	0	0	0	0	0	0	0
1/9/2024 11:02	13302 ORVI_T2	0	0	0	0	0	0	1.17	1.19	0	0	0	0	0	0
1/9/2024 11:08	55105 WERT_T1	0	0	0	0	0	0	-0.39	-0.36	1	1	0	900	900	0
1/9/2024 11:08	67103 SPRI_T1	0	0	0	0	0	0	-0.02	-0.05	0	0	0	0	0	0
1/9/2024 11:09	59101 WALK_T2	1	1	0	0	0	0	2.14	2.36	0	0	0	0	0	0
1/9/2024 11:09	60101 COCA_T1	0	0	0	0	0	0	0.49	0.5	0	0	0	0	0	0
1/9/2024 11:10	60101 COCA_T1	0	0	0	0	0	0	0.49	0.5	0	0	0	0	0	0
1/9/2024 11:11	52402 GRPA_T2	1	4	3	3.2	0.98	-2.22	0	0	0	0	0	0	0	0
1/9/2024 11:13	67605 WARW_T1	0	0	0	0	0	0	-0.89	-0.91	0	0	0	0	0	0
1/9/2024 11:14	46901 MNTG_T2	1	0	-1	0.9	0.3	-0.6	0	0	0	0	0	0	0	0
1/9/2024 11:16	59302 MCAL_T1	0	0	0	0	0	0	-0.18	-0.24	1	1	0	600	600	0
1/9/2024 11:17	52102 MEIS_T1	0	0	0	0	0	0	0	0	1	1	0	450	450	0
1/9/2024 11:17	12701 MACU_T1	0	0	0	0	0	0	-1.01	-1.04	1	1	0	1200	1200	0
1/9/2024 11:18	57401 SPAN_T1	2	2	0	0.15	0.3	0.15	0	0	0	0	0	0	0	0
1/9/2024 11:18	39601 LNFD_T1	1	0	-1	0.5	0	-0.5	0	0	1	1	0	900	900	0
1/9/2024 11:18	64101 REFR_T1	0	0	0	0	0	0	0.04	0.06	0	0	0	0	0	0
1/9/2024 11:19	57403 SPAN_T1	0	0	0	0	0	0	0.24	0.23	0	0	0	0	0	0
1/9/2024 11:20	12701 MACU_T1	0	0	0	0	0	0	-1.01	-1.04	1	1	0	1200	1200	0
1/9/2024 11:20	66703 STRA_T1	1	1	0	0.1	0.1	0	0.02	0.05	0	0	0	0	0	0
1/9/2024 11:22	52501 PROG_T1	0	0	0	0	0	0	0.5	0.47	1	1	0	300	300	0
1/9/2024 11:26	56802 BENV_T2	0	2	2	0	0.15	0.15	-1.26	-1.24	0	0	0	0	0	0
1/9/2024 11:28	40101 HUNT_T2	14	1	-13	0.31	0	-0.31	-0.66	-0.61	0	0	0	0	0	0
1/9/2024 11:33	52102 MEIS_T1	0	1	1	0	0	0	0	0	3	3	0	1350	1350	0
1/9/2024 11:33	67502 WEWI_T2	0	0	0	0	0	0	-0.9	-0.96	1	1	0	900	900	0
1/9/2024 11:33	43202 MVIL_T2	0	0	0	0	0	0	-0.57	-0.51	0	0	0	0	0	0
1/9/2024 11:34	67502 WEWI_T2	0	0	0	0	0	0	-0.9	-0.96	1	1	0	900	900	0
1/9/2024 11:34	52102 MEIS_T1	0	1	1	0	0	0	0	0	1	1	0	450	450	0
1/9/2024 11:34	64101 REFR_T1	0	0	0	0	0	0	0.17	0.14	0	0	0	0	0	0
1/9/2024 11:35	45602 WOOL_T1	1	1	0	0	0	0	0	0	0	0	0	0	0	0
1/9/2024 11:35	65001 NEFF_T2	0	0	0	0	0	0	-0.41	-0.36	1	1	0	1200	1200	0
1/9/2024 11:35	67201 TEHI_T1	3	0	-3	0.2	0	-0.2	0.24	0.15	1	1	0	600	600	0
1/9/2024 11:35	67204 TEHI_T2	0	0	0	0	0	0	0.05	0.02	0	0	0	0	0	0
1/9/2024 11:35	64101 REFR_T1	0	0	0	0	0	0	0.06	0.05	0	0	0	0	0	0
1/9/2024 11:36	64101 REFR_T1	0	0	0	0	0	0	0.06	0.05	0	0	0	0	0	0
1/9/2024 11:36	67204 TEHI_T2	0	0	0	0	0	0	0.05	0.02	0	0	0	0	0	0
1/9/2024 11:36	44904 SCOT_T1	0	0	0	0	0	0	0.94	0.98	0	0	0	0	0	0
1/9/2024 11:36	20403 ASHF_T2	0	0	0	0	0	0	0.4	0.3	0	0	0	0	0	0
1/9/2024 11:36	29401 BELT_T1	32	45	13	0.2	0.22	0.02	0	0	1	1	0	900	900	0
1/9/2024 11:36	67502 WEWI_T2	0	0	0	0	0	0	-0.9	-0.96	1	1	0	900	900	0
1/9/2024 11:37	67503 WEWI_T2	0	0	0	0	0	0	-0.05	-0.1	0	0	0	0	0	0
1/9/2024 11:37	67502 WEWI_T2	0	0	0	0	0	0	-0.9	-0.96	1	1	0	900	900	0
1/9/2024 11:38	65001 NEFF_T2	0	0	0	0	0	0	-0.41	-0.36	1	1	0	1200	1200	0
1/9/2024 11:38	64101 REFR_T1	0	0	0	0	0	0	0.06	0.05	0	0	0	0	0	0
1/9/2024 11:39	44301 BEAV_T2	1	2	1	1.1	0	-1.1	0.41	0.17	2	2	0	1500	1500	0
1/9/2024 11:40	29402 BELT_T1	1	1	0	7.1	7.4	0.3	0	0	0	0	0	0	0	0
1/9/2024 11:40	55105 WERT_T1	0	0	0	0	0	0	-0.37	-0.31	1	1	0	900	900	0
1/9/2024 11:42	29402 BELT_T1	1	1	0	7.1	7.4	0.3	0	0	0	0	0	0	0	0
1/9/2024 11:42	29402 BELT_T1	1	1	0	7.1	7.4	0.3	0	0	0	0	0	0	0	0
1/9/2024 11:44	40101 HUNT_T2	1	1	0	0.2	0	-0.2	-0.61	-0.65	0	0	0	0	0	0
1/9/2024 11:44	63804 HEMP_T1	1	1	0	6.3	6.2	-0.1	0	0	0	0	0	0	0	0
1/9/2024 11:45	63802 HEMP_T1	0	0	0	0	0	0	0.2	0.23	0	0	0	0	0	0
1/9/2024 11:45	42903 MIDD_T2	0	0	0	0	0	0	0.67	0.52	1	1	0	1200	1200	0
1/9/2024 11:45	59003 MIFF_T1	0	0	0	0	0	0	-1.12	-0.91	0	0	0	0	0	0
1/9/2024 11:47	61303 EARL_T1	0	0	0	0	0	0	0.59	0.64	0	0	0	0	0	0
1/9/2024 11:47	63804 HEMP_T1	1	2	1	6.2	6.7	0.5	0	0	0	0	0	0	0	0
1/9/2024 11:48	57301 MOAL_T2	0	7	7	0	0.34	0.34	0	0	0	0	0	0	0	0
1/9/2024 11:48	61303 EARL_T1	0	0	0	0	0	0	1.18	1.27	0	0	0	0	0	0
1/9/2024 11:49	57304 MOAL_T2	0	2	2	0	0.4	0.4	-0.2	-0.02	0	0	0	0	0	0
1/9/2024 11:49	43202 MVIL_T2	0	0	0	0	0	0	-0.51	-0.52	0	0	0	0	0	0
1/9/2024 11:52	44301 BEAV_T2	2	0	-2	0.75	0	-0.75	0.41	0.17	2	2	0	1500	1500	0
1/9/2024 11:53	44301 BEAV_T2	2	0	-2	0.75	0	-0.75	0.17	-0.53	2	2	0	1500	1500	0
1/9/2024 11:53	59101 WALK_T2	1	1	0	0	0	0	2.47	2.54	0	0	0	0	0	0
1/9/2024 11:54	65001 NEFF_T2	0	0	0	0	0	0	-0.37	-0.48	1	1	0	1200	1200	0
1/9/2024 11:54	59101 WALK_T2	1	1	0	0	0	0	2.54	2.11	0	0	0	0	0	0
1/9/2024 11:54	40502 CRES_T2	7	3	-4	0.2	0.13	-0.07	-4.45	-4.15	0	0	0	0	0	0
1/9/2024 11:55	44301 BEAV_T2	2	0	-2	0.75	0	-0.75	0.17	-0.53	2	2	0	1500	1500	0
1/9/2024 11:56

1/9/2024 13:04	67001 STHI_T2	1	23	22	0.7	0.17	-0.53	0	0	0	0	0	0	0
1/9/2024 13:04	47401 PENS_T1	0	0	0	0	0	0	0.89	0.89	0	0	0	0	0
1/9/2024 13:05	61304 EARL_T1	0	0	0	0	0	0	-0.59	-0.6	1	1	0	600	600
1/9/2024 13:05	65802 RTWN_T2	0	0	0	0	0	0	-0.42	-0.43	0	0	0	0	0
1/9/2024 13:05	47401 PENS_T1	1	1	0	1.5	1.6	0.1	0	0	0	0	0	0	0
1/9/2024 13:05	67001 STHI_T2	1	23	22	0.7	0.17	-0.53	0	0	0	0	0	0	0
1/9/2024 13:06	44302 BEAV_T2	0	1	1	0	0	0	0	0	0	0	0	0	0
1/9/2024 13:06	64101 REFR_T1	0	0	0	0	0	0	0.05	0.06	0	0	0	0	0
1/9/2024 13:07	56802 BENV_T2	2	0	-2	0.1	0	-0.1	-1.26	-0.61	0	0	0	0	0
1/9/2024 13:07	64101 REFR_T1	0	0	0	0	0	0	0.09	0.11	0	0	0	0	0
1/9/2024 13:10	29402 BELT_T1	1	1	0	6.9	7.4	0.5	0	0	0	0	0	0	0
1/9/2024 13:12	61802 EELI_T2	0	0	0	0	0	0	-0.78	-0.78	0	0	0	0	0
1/9/2024 13:19	67002 STHI_T2	0	7	7	0	0.14	0.14	1.36	1.36	0	0	0	0	0
1/9/2024 13:20	56802 BENV_T2	0	0	0	0	0	0	-0.61	-0.62	0	0	0	0	0
1/9/2024 13:23	67001 STHI_T2	5	34	29	0.28	0.15	-0.13	0	0	0	0	0	0	0
1/9/2024 13:24	62101 ELAN_T1	0	0	0	0	0	0	1.61	1.68	0	0	0	0	0
1/9/2024 13:25	61703 ELIZ_T1	248	256	8	0.63	0.84	0.21	-3.25	-2.95	2	2	0	2100	2100
1/9/2024 13:26	61701 ELIZ_T1	1	1	0	5.3	5.4	0.1	0	0	0	0	0	0	0
1/9/2024 13:28	61701 ELIZ_T1	1	1	0	5.3	5.4	0.1	0	0	0	0	0	0	0
1/9/2024 13:32	47802 MOCA_T2	0	0	0	0	0	0	-0.88	-0.91	0	0	0	0	0
1/9/2024 13:38	65001 NEFF_T2	0	0	0	0	0	0	-0.42	-0.36	1	1	0	1200	1200
1/9/2024 13:38	20403 ASHF_T2	0	0	0	0	0	0	0.32	0.32	0	0	0	0	0
1/9/2024 13:48	43202 MVIL_T2	0	1	1	0	0.1	0.1	-0.48	-0.51	0	0	0	0	0
1/9/2024 13:49	59003 MIFF_T1	0	0	0	0	0	0	-2.06	-2.21	0	0	0	0	0
1/9/2024 13:49	67002 STHI_T2	7	49	42	0.14	0.17	0.03	0.68	0.7	0	0	0	0	0
1/9/2024 13:51	67002 STHI_T2	7	49	42	0.14	0.17	0.03	1.36	1.4	0	0	0	0	0
1/9/2024 13:52	67001 STHI_T2	30	387	357	0.15	0.16	0.01	0	0	0	0	0	0	0
1/9/2024 13:52	43202 MVIL_T2	0	1	1	0	0.1	0.1	-0.48	-0.51	0	0	0	0	0
1/9/2024 13:56	60603 NCOL_T2	0	0	0	0	0	0	0.56	0.57	0	0	0	0	0
1/9/2024 13:59	53803 MBRG_T2	0	0	0	0	0	0	0.05	0.05	0	0	0	0	0
1/9/2024 13:59	60605 NCOL_T2	0	0	0	0	0	0	-0.45	-0.47	0	0	0	0	0
1/9/2024 14:02	50506 MECH_T1	0	0	0	0	0	0	-0.03	0	0	0	0	0	0
1/9/2024 14:03	53803 MBRG_T2	0	0	0	0	0	0	0.05	0.05	0	0	0	0	0
1/9/2024 14:06	61306 EARL_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
1/9/2024 14:07	67002 STHI_T2	18	50	32	0.13	0.16	0.03	0.7	0.67	0	0	0	0	0
1/9/2024 14:07	66901 SHIL_T2	25	58	33	0.1	0.15	0.05	-1.58	-1.48	1	1	0	1200	1200
1/9/2024 14:08	67001 STHI_T2	173	386	213	0.12	0.17	0.05	0	0	0	0	0	0	0
1/9/2024 14:08	60201 ATGL_T2	0	0	0	0	0	0	-0.07	-0.04	2	2	0	900	900
1/9/2024 14:08	57403 SPAN_T1	7	0	-7	0.19	0	-0.19	0	0	0	0	0	0	0
1/9/2024 14:09	59101 WALK_T2	1	1	0	0	0	0	1.87	1.86	1	1	0	600	600
1/9/2024 14:09	67503 WEWI_T2	0	0	0	0	0	0	-0.11	-0.11	0	0	0	0	0
1/9/2024 14:09	61306 EARL_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
1/9/2024 14:10	67503 WEWI_T2	0	0	0	0	0	0	-0.11	-0.11	0	0	0	0	0
1/9/2024 14:10	67502 WEWI_T2	0	0	0	0	0	0	-1.02	-1.07	1	1	0	900	900
1/9/2024 14:11	57401 SPAN_T1	13	21	8	0.31	0.23	-0.08	-2.84	-2.22	3	3	0	1800	1800
1/9/2024 14:11	43402 BENT_T1	0	0	0	0	0	0	-0.86	-1.48	1	2	1	900	1500
1/9/2024 14:11	67502 WEWI_T2	0	0	0	0	0	0	-2.03	-2.13	2	2	0	1800	1800
1/9/2024 14:15	43202 MVIL_T2	1	4	3	0.1	0.13	0.03	-0.51	-0.49	0	0	0	0	0
1/9/2024 14:15	57401 SPAN_T1	11	15	4	0.22	0.32	0.1	-0.95	-0.74	1	1	0	600	600
1/9/2024 14:18	58402 MORO_T1	0	0	0	0	0	0	-0.83	-0.82	3	3	0	2400	2400
1/9/2024 14:18	59003 MIFF_T1	0	1	1	0	0.2	0.2	-0.95	-1.03	0	0	0	0	0
1/9/2024 14:18	46301 ROHR_T1	6	8	2	0.13	0.13	0	0.6	0.64	0	0	0	0	0
1/9/2024 14:19	51002 NHAR_T1	3	4	1	0.7	0.53	-0.17	0	0	0	0	0	0	0
1/9/2024 14:20	67002 STHI_T2	49	36	-13	0.17	0.15	-0.02	0.67	0.7	0	0	0	0	0
1/9/2024 14:20	46302 ROHR_T1	3	4	1	1.37	1.33	-0.04	0.24	0.25	0	0	0	0	0
1/9/2024 14:21	14403 SSLA_T1	3	3	0	4.33	0.63	-3.7	0	0	0	0	0	0	0
1/9/2024 14:21	46302 ROHR_T1	3	4	1	1.37	1.33	-0.04	0.24	0.25	0	0	0	0	0
1/9/2024 14:22	57401 SPAN_T1	11	15	4	0.22	0.32	0.1	-0.95	-0.74	1	1	0	600	600
1/9/2024 14:22	65901 SAKR_T2	1	1	0	8.6	7.8	-0.8	-2.41	-2.29	2	2	0	1800	1800
1/9/2024 14:22	67001 STHI_T2	385	329	-56	0.16	0.14	-0.02	0	0	0	0	0	0	0
1/9/2024 14:22	67605 WARW_T1	0	0	0	0	0	0	-1	-0.98	0	0	0	0	0
1/9/2024 14:23	67502 WEWI_T2	0	0	0	0	0	0	-1.02	-1.07	1	1	0	900	900
1/9/2024 14:23	67601 WARW_T2	0	3	3	0	0	0	0	0	0	0	0	0	0
1/9/2024 14:23	54001 SDLE_T1	5	4	-1	1.02	1.4	0.38	0	0	0	0	0	0	0
1/9/2024 14:24	67002 STHI_T2	49	36	-13	0.17	0.15	-0.02	0.7	0.68	0	0	0	0	0
1/9/2024 14:24	14403 SSLA_T1	0	0	0	0	0	0	0.94	0.92	0	0	0	0	0
1/9/2024 14:24	67601 WARW_T2	0	3	3	0	0	0	0	0	0	0	0	0	0
1/9/2024 14:24	67503 WEWI_T2	0	2	2	0	0	0	-0.11	-0.11	0	0	0	0	0
1/9/2024 14:24	54001 SDLE_T1	5	4	-1	1.02	1.4	0.38	0	0	0	0	0	0	0
1/9/2024 14:25	59101 WALK_T2	1	1	0	0	0	0	1.86	2.14	1	1	0	600	600
1/9/2024 14:25	67503 WEWI_T2	0	2	2	0	0	0	-0.11	-0.11	0	0	0	0	0
1/9/2024 14:26	52402 GRPA_T2	5	5	0	1.3	1.14	-0.16	0	0	0	0	0	0	0
1/9/2024 14:26	67503 WEWI_T2	0	2	2	0	0	0	-0.11	-0.11	0	0	0	0	0
1/9/2024 14:26	52403 GRPA_T2	0	4	4	0	0.2	0.2	0.12	0.12	0	0	0	0	0
1/9/2024 14:26	67503 WEWI_T2	0	2	2	0	0	0	-0.11	-0.11	0	0	0	0	0
1/9/2024 14:28	52403 GRPA_T2	0	4	4	0	0.2	0.2	0.12	0.12	0	0	0	0	0
1/9/2024 14:29	64303 LINC_T1	0	0	0	0	0	0	-0.27	-0.26	0	0	0	0	0
1/9/2024 14:30	52402 GRPA_T2	5	5	0	1.12	0.86	-0.26	0	0	0	0	0	0	0
1/9/2024 14:30	64902 MILL_T2	0	0	0	0	0	0	-0.64	-0.68	1	1	0	900	900
1/9/2024 14:31	52402 GRPA_T2	5	5	0	1.12	0.86	-0.26	-1.04	-1.02	0	0	0	0	0
1/9/2024 14:31	59003 MIFF_T1	1	0	-1	0.2	0	-0.2	-1.03	-1.03	0	0	0	0	0
1/9/2024 14:31	43202 MVIL_T2	1	8	7	0.1	0.19	0.09	-0.49	-0.51	0	0	0	0	0
1/9/2024 14:31	53803 MBRG_T2	0	0	0	0	0	0	0.05	0.05	0	0	0	0	0
1/9/2024 14:31	57304 MOAL_T2	0	4	4	0	0.3	0.3	-0.22	-0.11	0	0	0	0	0
1/9/2024 14:31	52402 GRPA_T2	5	5	0	1.12	0.86	-0.26	-1.04	-1.02	0	0	0	0	0
1/9/2024 14:31	64202 KINZ_T1	2	3	1	0.3	0.4	0.1	0	0	0	0	0	0	0
1/9/2024 14:31	52401 GRPA_T2	1	1	0	0.4	0.8	0.4	-0.6	-0.57	0	0	0	0	0
1/9/2024 14:31	60803 BUCK_T1	0	0	0	0	0	0	-0.46	-0.48	0	0	0	0	0
1/9/2024 14:32	64201 KINZ_T1	14	30	16	0.14	0.18	0.04	-0.86	-0.78	4	4	0	2100	2100
1/9/2024 14:32	57401 SPAN_T1	15	23	8	0.27	0.28	0.01	0	0	0	0	0	0	0
1/9/2024 14:33	46301 ROHR_T1	4	36	32	0.1	0.18	0.08	0	0	0	0	0	0	0
1/9/2024 14:33	67502 WEWI_T2	0	0	0	0	0	0	-2.13	-2.15	2	2	0	1800	1800
1/9/2024 14:33	59301 MCAL_T1	2	2	0	0.3	0.35	0.05	0	0	0	0	0	0	0
1/9/2024 14:33	64303 LINC_T1	0	0	0	0	0	0	-0.27	-0.26	0	0	0	0	0
1/9/2024 14:33	50506 MECH_T1	0	1	1	0	0.1	0.1	-0.01	-0.01	0	0	0	0	0
1/9/2024 14:34	46301 ROHR_T1	4	36	32	0.1	0.18	0.08	0.64	0.59	0	0	0	0	0
1/9/2024 14:34	50501 MECH_T1	4	4	0	1.33	1.2	-0.13	0	0	0	0	0	0	0
1/9/2024 14:34	60803 BUCK_T1	0	0	0	0	0	0	-0.46	-0.48	0	0	0	0	0
1/9/2024 14:34	42201 SHEN_T2	0	0	0	0	0	0	-0.29	-0.36	1	1	0	600	600
1/9/2024 14:34	58402 MORO_T1	0	0	0	0	0	0	-0.82	-0.91	3	3	0	2400	2400
1/9/2024 14:34	57401 SPAN_T1	15	23	8	0.27	0.28	0.01	-0.74	-0.73	1	1	0	600	600
1/9/2024 14:34	59003 MIFF_T1	1	0	-1	0.2	0	-0.2	-2.07	-2.06	0	0	0	0	0
1/9/2024 14:34	64303 LINC_T1	0	0	0	0	0	0	-0.54	-0.52	0	0	0	0	0
1/9/2024 14:34	67503 WEWI_T2	0	0	0	0	0	0	-0.11	-0.11	0	0	0	0	0
1/9/2024 14:35	67503 WEWI_T2	0	0	0	0	0	0	-0.11	-0.11	0	0	0	0	0
1/9/2024 14:35	60803 BUCK_T1	0	0	0	0	0	0	-0.46	-0.48	0	0	0	0	0
1/9/2024 14:35	44601 SALE_T2	0	0	0	0	0	0	0.62	0.62	1	1	0	600	600
1/9/2024 14:36	57401 SPAN_T1	15	23	8	0.27	0.28	0.01	-1.48	-1.46	2	2	0	1200	1200
1/9/2024 14:36	57401 SPAN_T1	15	23	8	0.27	0.28	0.01	-1.48	-1.46	2	2	0	1200	1200
1/9/2024 14:37	55002 NEWP_T1	4	5	1	0.4	0.56	0.16	-0.13	-0.18	0	0	0	0	0
1/9/2024 14:37	67502 WEWI_T2	0	0	0	0	0	0	-1.07	-1.08	1	1	0	900	900
1/9/2024 14:38	29401 BELT_T1	19	48	29	0.14	0.26	0.12	0	0	0	0	0	0	0
1/9/2024 14:38	60201 ATGL_T2	0	0	0	0	0	0	-0.05	-0.04	2	2	0	900	900
1/9/2024 14:38	67402 WAKE_T2	0	0	0	0	0	0	1.05	0.16	2	2	0	1200	1200
1/9/2024 14:38	40101 HUNT_T2	10	20	10	0.29	0.28	-0.01	-0.42	-0.37	0	0	0	0	0
1/9/2024 14:38	67503 WEWI_T2	0	0	0	0	0	0	-0.22	-0.22	0	0	0	0	0
1/9/2024 14:39	57401 SPAN_T1	15	23	8	0.27	0.28	0.01	-0.73	-0.71	1	1	0	600	600
1/9/2024 14:40	46004 BERW_T2	0	0	0	0	0	0	-0.21	-0.26	0	0	0	0	0
1/9/2024 14:40	29401 BELT_T1	19	48	29	0.14	0.26	0.12	0	0	0	0	0	0	0
1/9/2024 14:40	40101 HUNT_T2	10	20	10	0.29	0.28	-0.01	-0.83	-0.75	0	0	0	0	0
1/9/2024 14:40	42201 SHEN_T2	0	0	0	0	0	0	-0.36	-0.38	1	1	0	600	600
1/9/2024 14:41	46004 BERW_T2	0	0	0	0	0	0	-0.21	-0.26	0	0	0	0	0
1/9/2024 14:41	59003 MIFF_T1	1	0	-1	0.2	0	-0.2	-1.03	-0.88	0	0	0	0	0
1/9/2024 14:41	67502 WEWI_T2	0	0	0	0	0	0	-1.08	-1.02	1	1	0	900	900
1/9/2024 14:42	40101 HUNT_T2	10	20	10	0.29	0.28	-0.01	-0.42	-0.37	0	0	0	0	0
1/9/2024 14:43	44301 BEAV_T2	0	31	31	0	0	0	-0.52	-0.49	1	1	0	600	600
1/9/2024 14:43	67402 WAKE_T2	0	0	0	0	0	0	-0.08	-0.32	1	1	0	600	600
1/9/2024 14:44	61801 EELI_T2	0	0	0	0	0	0	-0.23	-0.19	0	0	0	0	0
1/9/2024 14:46	52403 GRPA_T2	3	1	-2	0.17	0	-0.17	0.12	0.11	0	0	0	0	0
1/9/2024 14:46	46302 ROHR_T1	4	2	-2	1.33	2.65	1.32	0.24	0.25	0	0	0	0	0
1/9/2024 14:46	52401 GRPA_T2	1	1	0	0.2	0.8	0.6	0	0	0	0	0	0	0
1/9/2024 14:46	43202 MVIL_T2	4	8	4	0.13	0.19	0.06	-0.51	-0.48	0	0	0	0	0
1/9/2024 14:47	57403 SPAN_T1	0	2	2	0	0.1	0.1	0.2	0.16	0	0	0	0	0
1/9/2024 14:47	57301 MOAL_T2	5	7	2	0.12	0.31	0.19	0	0	0	0	0	0	0
1/9/2024 14:47	57401 SPAN_T1	15	22	7	0.3	0.29	-0.01	-0.73	-0.71	1	1	0	600	600
1/9/2024 14:47	53803 MBRG_T2	0	0	0	0	0	0	0.05	0.04	0	0	0	0	0
1/9/2024 14:48	53802 MBRG_T2	0	0	0	0	0	0	0.83	0.89	0	0	0	0	0
1/9/2024 14:48	65901 SAKR_T2	1	1	0	7.8	8.4	0.6	-0.92	-1.13	1	1	0	900	900
1/9/2024 14:48	52102 MEIS_T1	0	0	0	0	0	0	0	0	1	1	0	450	450
1/9/2024 14:49	59003 MIFF_T1	0	0	0	0	0	0	-1.03	-0.88	0	0	0	0	0
1/9/2024 14:49	66901 SHIL_T2	64	129	65	0.13	0.18	0.05	-1.58	-1.6	1	1	0	1200	1200
1/9/2024 14:49	52102 MEIS_T1	0	0	0	0	0	0	0	0	1	1	0	450	450
1/9/2024 14:49	44301 BEAV_T2	31	0	-31	0.44	0	-0.44	-0.52	-0.49	1	1	0	600	600
1/9/2024 14:50	56504 ROCK_T2	0	559	559	0	0	0	0.04	-0.34	0	0	0	0	0
1/9/2024 14:50	45501 DERR_T2	0	0	0	0	0	0	0.6	0.61	2	2	0	1800	1800
1/9/2024 14:50	59101 WALK_T2	1	1	0	0	0	0	2.14	2.06	1	1	0	600	600
1/9/2024 14:50	44301 BEAV_T2	31	0	-31	0.44	0	-0.44	-0.52	-0.49	1	1	0	600	600
1/9/2024 14:51	57402 SPAN_T2	216	328	112	0.18	0.26	0.08	0	0	0	0	0	0	0
1/9/2024 14:51	56504 ROCK_T2	0	559	559	0	0	0	0.04	-0.34	0	0	0	0	0
1/9/2024 14:51	64101 REFR_T1	0	0	0	0	0	0	-0.01	-0.01	0	0	0	0	0
1/9/2024 14:51	57403 SPAN_T1	0	2	2	0	0.1	0.1	0.2	0.16	0	0	0	0	0
1/9/2024 14:52	67002 STHI_T2	35	101	66	0.15	0.17	0.02	0.68	0.69	0	0	0	0	0
1/9/2024 14:52	57403 SPAN_T1	0	2	2	0	0.1	0.1	0.2	0.16	0	0	0	0	0
1/9/2024 14:52	57401 SPAN_T1	15	22	7	0.3	0.29	-0.01	-0.73	-0.71	1	1	0	600	600
1/9/2024 14:53	56802 BENV_T2	0	0	0	0	0	0	-0.65	-0.59	0	0	0	0	0
1/9/2024 14:53	56504 ROCK_T2	0	559	559	0	0	0	0	0	0	0	0	0	0
1/9/2024 14:54	67001 STHI_T2	312	529	217	0.14	0.24	0.1	0	0	0	0	0	0	0
1/9/2024 14:54	67402 WAKE_T2	0	0	0	0	0	0	-0.32	-0.34	1	1	0	600	600
1/9/2024 14:54	40503 CRES_T2	0	14	14	0	0.24	0.24	-0.53	-0.56	0	0	0	0	0
1/9/2024 14:54	67602 WARW_T2	0	0	0	0	0	0	1.15	1.06	0	0	0	0	0
1/9/2024 14:55	67602 WARW_T2	0	0	0	0	0	0	0.57	0.53	0	0	0	0	0
1/9/2024 14:55	46004 BERW_T2	0	0	0	0	0	0	-0.26	-0.36	0	0	0	0	0
1/9/2024 14:55	57403 SPAN_T1	0	2	2	0	0.1	0.1	0	0	0	0	0	0	0
1/9/2024 14:56	46003 BERW_T2	1	1	0	4.6	4.4	-0.2	0	0	0	0	0	0	0
1/9/2024 14:56	56504 ROCK_T2	0	559	559	0	0	0	0	0	0	0	0	0	0
1/9/2024 14:56	40503 CRES_T2	0	14	14	0	0.24	0.24	-0.53	-0.56	0	0	0	0	0
1/9/2024 14:56	51604 DUKE_T2	2	10	8	0.1	0.12	0.02	-1.55	-1.56	1	1	0	900	900
1/9/2024 14:57	47001 HUGH_T2	0	0	0	0	0	0	-0.59	-0.58	0	0	0	0	0
1/9/2024 14:58	56501 ROCK_T2	52	5	-47	0.14	0.33	0.19	0.04	0.14	0	0	0	0	0
1/9/2024 14:58	56501 ROCK_T2	52	5	-47	0.14	0.33	0.19	0.04	0.14	0	0	0	0	0
1/9/2024 14:59	67402 WAKE_T2	0	0	0	0	0	0	-0.32	-0.34	1	1	0	600	600
1/9/2024 14:59	51604 DUKE_T2	2	10	8	0.1	0.12	0.02	-1.55	-1.56	1	1	0	900	900
1/9/2024 15:00	64201 KINZ_T1	30	205	175	0.18	0.3	0.12	0	0	0	0	0	0	0
1/9/2024 15:00	57403 SPAN_T1	2	0	-2	0.1	0	-0.1	0	0	0	0	0	0	0
1/9/2024 15:00	50506 MECH_T1	1	1	0	0.1	0.2	0.1	-0.06	-0.1	0	0	0	0	0
1/9/2024 15:01	47401 PENS_T1	0	89	89	0	0	0	0.89	0.92	0	0	0	0	0
1/9/2024 15:01	50504 MECH_T1	0	1	1	0	0.1	0.1	0	0	0	0	0	0	0
1/9/2024 15:01	65503 MOJO_T2	0	0	0	0	0	0	-1.21	-1.29	1	1	0	900	900
1/9/2024 15:01	43402 BENT_T1	1	1	0	0.1	0	-0.1	-0.89	-0.86	1	1	0	900	900
1/9/2024 15:01	64902 MILL_T2	0	0	0	0	0	0	-0.68	-0.69	1	1	0	900	900
1/9/2024 15:02	47403 PENS_T1	1	1	0	2.2	2.3	0.1	0	0	0	0	0	0	0
1/9/2024 15:02	50502 MECH_T1	1	1	0	2.6	2.8	0.2	0	0	0	0	0	0	0
1/9/2024 15:02	56501 ROCK_T2	4	3	-1	0.5	0.7	0.2	0	0	0	0	0	0	0
1/9/2024 15:02	39601 LNFD_T1	0	0	0	0	0	0	0	0	1	1	0	900	900
1/9/2024 15:02	44601 SALE_T2	0	0	0	0	0	0	0.44	0.51	1	1	0	600	600
1/9/2024 15:03	50502 MECH_T1	1

1/9/2024 15:30	56802 BENV_T2	0	0	0	0	0	0	-1.03	-1.08	0	0	0	0	0	0
1/9/2024 15:31	56802 BENV_T2	0	0	0	0	0	0	-3.08	-3.23	0	0	0	0	0	0
1/9/2024 15:36	41902 REED_T1	0	0	0	0	0	0	0.35	0.34	0	0	0	0	0	0
1/9/2024 15:42	56802 BENV_T2	0	0	0	0	0	0	-2.16	-2.23	0	0	0	0	0	0
1/9/2024 15:43	56504 ROCK_T2	0	0	0	0	0	0	-0.15	-0.16	0	0	0	0	0	0
1/9/2024 15:43	56802 BENV_T2	0	0	0	0	0	0	-2.16	-2.23	0	0	0	0	0	0
1/9/2024 15:44	40502 CRES_T2	5	11	6	0.24	0.28	0.04	-0.3	-0.08	0	0	0	0	0	0
1/9/2024 15:44	56802 BENV_T2	0	0	0	0	0	0	-1.08	-1.11	0	0	0	0	0	0
1/9/2024 15:46	56802 BENV_T2	0	6	6	0	0	0	-1.08	-1.11	0	0	0	0	0	0
1/9/2024 15:46	40502 CRES_T2	7	16	9	0.37	0.26	-0.11	-0.42	-0.11	0	0	0	0	0	0
1/9/2024 15:47	56501 ROCK_T2	14	14	0	0.13	0.12	-0.01	0	0	0	0	0	0	0	0
1/9/2024 15:48	40501 CRES_T2	11	10	-1	0.42	0.35	-0.07	0	0	0	0	0	0	0	0
1/9/2024 15:49	43202 MVIL_T2	58	11	-47	0.43	0.16	-0.27	0	0	0	0	0	0	0	0
1/9/2024 15:50	40501 CRES_T2	11	10	-1	0.42	0.35	-0.07	0	0	0	0	0	0	0	0
1/9/2024 15:52	67103 SPRI_T1	0	0	0	0	0	0	0.59	0.58	0	0	0	0	0	0
1/9/2024 15:54	42601 TUSC_T1	4	2426	2422	0.18	0.1	-0.08	0.63	1.24	2	1	-1	1800	600	-1200
1/9/2024 15:58	56504 ROCK_T2	0	0	0	0	0	0	-0.49	-0.7	0	0	0	0	0	0
1/9/2024 15:59	56504 ROCK_T2	0	0	0	0	0	0	-0.16	-0.23	0	0	0	0	0	0
1/9/2024 16:00	65001 NEFF_T2	0	0	0	0	0	0	-0.87	-0.87	1	1	0	1200	1200	0
1/9/2024 16:01	52101 MEIS_T1	1	1	0	0.4	0.4	0	0	0	0	0	0	0	0	0
1/9/2024 16:01	56501 ROCK_T2	2	7	5	0.3	0.22	-0.08	0	0	0	0	0	0	0	0
1/9/2024 16:02	56501 ROCK_T2	2	7	5	0.3	0.22	-0.08	0	0	0	0	0	0	0	0
1/9/2024 16:02	40501 CRES_T2	10	9	-1	0.35	0.33	-0.02	0	0	0	0	0	0	0	0
1/9/2024 16:05	65001 NEFF_T2	0	0	0	0	0	0	-0.87	-0.87	1	1	0	1200	1200	0
1/9/2024 16:05	64101 REFR_T1	0	1	1	0	0	0	0.04	0.03	0	0	0	0	0	0
1/9/2024 16:08	40201 BEGA_T2	0	1	1	0	0	0	0	0	0	0	0	0	0	0
1/9/2024 16:12	56501 ROCK_T2	2	7	5	0.3	0.22	-0.08	-1.28	-1.27	0	0	0	0	0	0
1/9/2024 16:12	40201 BEGA_T2	0	1	1	0	0	0	0	0	0	0	0	0	0	0
1/9/2024 16:13	56501 ROCK_T2	2	7	5	0.3	0.22	-0.08	-1.28	-1.27	0	0	0	0	0	0
1/9/2024 16:14	56501 ROCK_T2	2	7	5	0.3	0.22	-0.08	-1.28	-1.27	0	0	0	0	0	0
1/9/2024 16:16	56802 BENV_T2	0	0	0	0	0	0	-0.57	-0.55	0	0	0	0	0	0
1/9/2024 16:18	56802 BENV_T2	0	0	0	0	0	0	-0.57	-0.55	0	0	0	0	0	0
1/9/2024 16:20	56802 BENV_T2	0	0	0	0	0	0	-0.57	-0.55	0	0	0	0	0	0
1/9/2024 16:20	56501 ROCK_T2	7	2	-5	0.49	1	0.51	-1.28	-1.27	0	0	0	0	0	0
1/9/2024 16:21	56802 BENV_T2	0	0	0	0	0	0	-0.57	-0.55	0	0	0	0	0	0
1/9/2024 16:21	65503 MOJO_T2	0	0	0	0	0	0	-1.32	-1.35	1	0	-1	900	0	-900
1/9/2024 16:22	14401 SSLA_T1	0	3	3	0	2.53	2.53	0	0	0	0	0	0	0	0
1/9/2024 16:22	56802 BENV_T2	0	0	0	0	0	0	-0.57	-0.55	0	0	0	0	0	0
1/9/2024 16:24	56802 BENV_T2	0	0	0	0	0	0	-0.55	-0.55	0	0	0	0	0	0
1/9/2024 16:26	65503 MOJO_T2	0	0	0	0	0	0	-1.35	-0.4	1	0	-1	900	0	-900
1/9/2024 16:32	42601 TUSC_T1	18	31	13	0.68	0.3	-0.38	1.3	1.24	1	1	0	600	600	0
1/9/2024 16:32	66703 STRA_T1	0	6	6	0	0.28	0.28	0.03	-0.05	0	0	0	0	0	0
1/9/2024 16:33	66703 STRA_T1	0	6	6	0	0.28	0.28	0.03	-0.05	0	0	0	0	0	0
1/9/2024 16:34	41902 REED_T1	19	41	22	0.64	0.77	0.13	0	0	0	0	0	0	0	0
1/9/2024 16:39	67901 WNHO_T2	0	16	16	0	0.19	0.19	-0.66	-0.41	1	0	-1	900	0	-900
1/9/2024 16:40	67901 WNHO_T2	0	16	16	0	0.19	0.19	-0.66	-0.41	1	0	-1	900	0	-900
1/9/2024 16:43	53501 EVIL_T2	6	4	-2	0.28	0.2	-0.08	-1.39	-1.01	2	1	-1	1200	600	-600
1/9/2024 16:44	53501 EVIL_T2	6	4	-2	0.28	0.2	-0.08	-1.39	-1.01	2	1	-1	1200	600	-600
1/9/2024 16:45	53501 EVIL_T2	1	4	3	0.4	0.23	-0.17	-2.77	-2.02	4	2	-2	2400	1200	-1200
1/9/2024 16:48	52102 MEIS_T1	0	0	0	0	0	0	0	0	1	1	0	450	450	0
1/9/2024 16:52	53501 EVIL_T2	1	4	3	0.4	0.23	-0.17	-1.39	-1.01	1	1	0	600	600	0
1/9/2024 16:55	67502 WEWI_T2	0	0	0	0	0	0	-0.58	-0.58	1	1	0	900	900	0
1/9/2024 16:57	67503 WEWI_T2	0	0	0	0	0	0	-0.12	0	0	0	0	0	0	0
1/9/2024 16:58	16402 MOPO_T1	4	10	6	1.15	0.13	-1.02	0.23	0.24	0	0	0	0	0	0
1/9/2024 16:58	67502 WEWI_T2	0	0	0	0	0	0	-0.58	-0.58	1	1	0	900	900	0
1/9/2024 16:59	67502 WEWI_T2	0	0	0	0	0	0	-0.58	-0.58	1	1	0	900	900	0
1/9/2024 16:59	45402 WILO_T2	5	46	41	0.16	0.54	0.38	-0.54	-0.51	0	0	0	0	0	0
1/9/2024 17:01	67503 WEWI_T2	0	0	0	0	0	0	-0.12	0	0	0	0	0	0	0
1/9/2024 17:04	55002 NEWP_T1	4	4	0	1.03	0.93	-0.1	-0.14	-0.15	0	0	0	0	0	0
1/9/2024 17:10	49804 UNIV_T1	1	1	0	1.1	0.7	-0.4	0	0	0	0	0	0	0	0
1/9/2024 17:11	67502 WEWI_T2	0	0	0	0	0	0	-0.58	-0.56	1	1	0	900	900	0
1/9/2024 17:21	52403 GRPA_T2	1	1	0	0.2	0	-0.2	0.17	0.24	0	0	0	0	0	0
1/9/2024 17:26	60201 ATGL_T2	0	0	0	0	0	0	-0.02	0.18	2	1	-1	900	300	-600
1/9/2024 17:30	63403 HONY_T2	1	1	0	0.7	0.5	-0.2	0.11	0.13	0	0	0	0	0	0
1/9/2024 17:31	61306 EARL_T1	2	6	4	0.1	0.27	0.17	0	0	0	0	0	0	0	0
1/9/2024 17:38	59101 WALK_T2	2	1	-1	0.7	0	-0.7	1.88	1.84	0	0	0	0	0	0
1/9/2024 17:39	16402 MOPO_T1	7	10	3	0.43	0.7	0.27	0.25	0.08	0	0	0	0	0	0
1/9/2024 17:41	64204 KINZ_T1	1	1	0	0.7	0.8	0.1	0	0	0	0	0	0	0	0
1/9/2024 17:42	57303 MOAL_T2	1	1	0	7.3	7.4	0.1	0	0	0	0	0	0	0	0
1/9/2024 17:42	67201 TEHI_T1	0	1	1	0	0	0	0	0	0	0	0	0	0	0
1/9/2024 17:44	57403 SPAN_T1	0	0	0	0	0	0	0.19	0.12	0	0	0	0	0	0
1/9/2024 17:45	65003 NEFF_T2	0	3	3	0	0.1	0.1	0	0	0	0	0	0	0	0
1/9/2024 17:46	52101 MEIS_T1	1	1	0	0.5	0.6	0.1	0	0	0	0	0	0	0	0
1/9/2024 17:47	57401 SPAN_T1	1	2	1	0.2	0.45	0.25	-1.34	-1.26	2	2	0	1200	1200	0
1/9/2024 17:48	66504 SMAN_T2	0	0	0	0	0	0	-0.52	-0.69	0	0	0	0	0	0
1/9/2024 17:50	61801 EEU_T2	0	85	85	0	0	0	0.07	0.02	0	0	0	0	0	0
1/9/2024 17:50	43201 MVIL_T2	0	28	28	0	0	0	0	0	0	0	0	28	0	0
1/9/2024 17:51	57401 SPAN_T1	1	2	1	0.2	0.45	0.25	-0.67	-0.63	1	1	0	600	600	0
1/9/2024 17:51	60305 TWVA_T2	0	0	0	0	0	0	2.43	2.44	0	0	0	0	0	0
1/9/2024 17:52	41902 REED_T1	24	201	177	0.65	0.64	-0.01	2.37	1.69	0	0	0	0	0	0
1/9/2024 17:53	64203 KINZ_T1	0	0	0	0	0	0	-0.36	-0.29	1	1	0	600	600	0
1/9/2024 17:53	52102 MEIS_T1	0	0	0	0	0	0	0	0	1	1	0	450	450	0
1/9/2024 17:54	27502 WEIS_T2	0	3	3	0	0	0	-0.13	-0.15	0	0	0	0	0	0
1/9/2024 17:54	57401 SPAN_T1	1	2	1	0.2	0.45	0.25	-1.26	-1.29	2	2	0	1200	1200	0
1/9/2024 17:54	40101 HUNT_T2	176	716	540	0.51	0.52	0.01	-1.2	-0.52	0	0	0	0	0	0
1/9/2024 17:55	52404 GRPA_T2	4	1	-3	0.65	0	-0.65	0	0	0	0	0	0	0	0
1/9/2024 17:55	46803 HEPB_T2	0	1	1	0	0.1	0.1	0	0	0	0	0	0	0	0
1/9/2024 17:56	67002 STHI_T2	8	24	16	0.11	0.15	0.04	0.63	0.61	0	0	0	0	0	0
1/9/2024 17:56	57304 MOAL_T2	0	1	1	0	0.1	0.1	-0.11	-0.11	0	0	0	0	0	0
1/9/2024 17:56	27502 WEIS_T2	0	3	3	0	0	0	-0.13	-0.15	0	0	0	0	0	0
1/9/2024 17:56	41902 REED_T1	24	201	177	0.65	0.64	-0.01	0.85	1.01	0	0	0	0	0	0
1/9/2024 17:57	64702 LITI_T2	0	0	0	0	0	0	-0.73	-0.69	0	0	0	0	0	0
1/9/2024 17:58	43201 MVIL_T2	0	28	28	0	0	0	0	0	0	0	0	0	0	0
1/9/2024 17:58	44201 POIN_T1	0	0	0	0	0	0	-0.92	-0.95	1	1	0	900	900	0
1/9/2024 17:58	47802 MOCA_T2	0	0	0	0	0	0	-0.97	-0.99	0	0	0	0	0	0
1/9/2024 17:58	64702 LITI_T2	0	0	0	0	0	0	-1.46	-1.38	0	0	0	0	0	0
1/9/2024 17:59	67001 STHI_T2	18	305	287	0.16	0.15	-0.01	0	0	0	0	0	0	0	0
1/9/2024 18:00	29401 BELT_T1	0	7	7	0	0.11	0.11	0	0	0	0	0	0	0	0
1/9/2024 18:01	49803 UNIV_T1	314	159	-155	1.62	0	-1.62	-1.04	-1.07	0	0	0	0	0	0
1/9/2024 18:02	67103 SPRI_T1	0	0	0	0	0	0	0.58	0.57	0	0	0	0	0	0
1/9/2024 18:02	63403 HONY_T2	1	0	-1	0.5	0	-0.5	0.16	0.08	0	0	0	0	0	0
1/9/2024 18:02	40201 BEGA_T2	1	131	130	0.1	0	-0.1	0	0	0	0	0	0	0	0
1/9/2024 18:02	64303 LINC_T1	0	0	0	0	0	0	-0.23	-0.26	0	0	0	0	0	0
1/9/2024 18:02	40501 CRES_T2	19	42	23	0.54	0.42	-0.12	0	0	0	0	0	0	0	0
1/9/2024 18:02	65901 SAKR_T2	1	1	0	8.6	8.7	0.1	-1.06	-1.01	1	1	0	900	900	0
1/9/2024 18:03	64202 KINZ_T1	1	3	2	1	2.13	1.13	0	0	0	0	0	0	0	0
1/9/2024 18:03	52404 GRPA_T2	1	0	-1	0.4	0	-0.4	-0.01	-0.02	0	0	0	0	0	0
1/9/2024 18:03	60101 COCA_T1	0	0	0	0	0	0	0.34	0.34	0	0	0	0	0	0
1/9/2024 18:04	64303 LINC_T1	0	0	0	0	0	0	-0.46	-0.53	0	0	0	0	0	0
1/9/2024 18:04	40201 BEGA_T2	1	131	130	0.1	0	-0.1	0	0	0	0	0	0	0	0
1/9/2024 18:05	54001 SDLE_T1	3	5	2	0.77	0.66	-0.11	0	0	0	0	0	0	0	0
1/9/2024 18:06	43201 MVIL_T2	0	48	48	0	0.54	0.54	-0.33	-1.21	0	0	0	0	0	0
1/9/2024 18:06	56802 BENV_T2	0	1	1	0	0.1	0.1	-0.51	-0.49	0	0	0	0	0	0
1/9/2024 18:07	43402 BENT_T1	6	8	2	0.4	0.55	0.15	-0.89	-0.9	1	1	0	900	900	0
1/9/2024 18:07	13503 MCMI_T2	72	117	45	0.55	0.54	-0.01	0.36	0.36	0	0	0	0	0	0
1/9/2024 18:07	64303 LINC_T1	0	0	0	0	0	0	-0.23	-0.26	0	0	0	0	0	0
1/9/2024 18:08	47001 HUGH_T2	0	0	0	0	0	0	-0.49	-0.56	0	0	0	0	0	0
1/9/2024 18:08	65001 NEFF_T2	0	0	0	0	0	0	-0.85	-0.78	1	1	0	1200	1200	0
1/9/2024 18:08	40101 HUNT_T2	90	238	148	0.59	0.51	-0.08	-0.26	-0.29	0	0	0	0	0	0
1/9/2024 18:08	67103 SPRI_T1	0	0	0	0	0	0	0.58	0.57	0	0	0	0	0	0
1/9/2024 18:08	46903 MNTG_T2	16	94	78	0.16	0.18	0.02	-0.32	-0.3	1	1	0	600	600	0
1/9/2024 18:08	67901 WNHO_T2	112	100	-12	0.29	0.25	-0.04	-0.4	-0.53	0	0	0	0	0	0
1/9/2024 18:08	56801 BENV_T1	19	153	134	0.53	0.57	0.04	-0.57	-0.57	1	1	0	600	600	0
1/9/2024 18:09	65802 RTWN_T2	0	0	0	0	0	0	-0.42	-0.42	0	0	0	0	0	0
1/9/2024 18:09	52403 GRPA_T2	1	2	1	0.3	1.4	1.1	0	0	0	0	0	0	0	0
1/9/2024 18:09	57402 SPAN_T2	0	135	135	0	0.16	0.16	0	0	0	0	0	0	0	0
1/9/2024 18:09	56802 BENV_T2	0	1	1	0	0.1	0.1	-0.49	-0.57	0	0	0	0	0	0
1/9/2024 18:10	56802 BENV_T2	0	1	1	0	0.1	0.1	-0.49	-0.57	0	0	0	0	0	0
1/9/2024 18:10	11104 EGYP_T1	4	0	-4	0.43	0	-0.43	0.39	0.43	0	0	0	0	0	0
1/9/2024 18:10	46302 ROHR_T1	2	2	0	0.15	1.75	1.6	0	0	0	0	0	0	0	0
1/9/2024 18:10	47401 PENS_T1	0	0	0	0	0	0	0.95	0.95	0	0	0	0	0	0
1/9/2024 18:10	67602 WARW_T2	0	0	0	0	0	0	0.45	0.42	0	0	0	0	0	0
1/9/2024 18:11	52501 PROG_T1	0	0	0	0	0	0	0.34	0.33	1	1	0	300	300	0
1/9/2024 18:11	53803 MBRG_T2	0	0	0	0	0	0	0.05	0.05	0	0	0	0	0	0
1/9/2024 18:12	52401 GRPA_T2	0	0	0	0	0	0	-0.49	-0.48	0	0	0	0	0	0
1/9/2024 18:12	52403 GRPA_T2	1	2	1	0.3	1.4	1.1	0	0	0	0	0	0	0	0
1/9/2024 18:12	66504 SMAN_T2	0	0	0	0	0	0	-0.31	-0.36	0	0	0	0	0	0
1/9/2024 18:12	40101 HUNT_T2	90	238	148	0.59	0.51	-0.08	-0.26	-0.29	0	0	0	0	0	0
1/9/2024 18:12	11104 EGYP_T1	4	0	-4	0.43	0	-0.43	0.39	0.43	0	0	0	0	0	0
1/9/2024 18:13	56802 BENV_T2	0	1	1	0	0.1	0.1	-0.49	-0.57	0	0	0	0	0	0
1/9/2024 18:13	67001 STHI_T2	26	394	368	0.14	0.19	0.05	0	0	0	0	0	0	0	0
1/9/2024 18:14	45501 DERR_T2	2	2	0	1.4	0.8	-0.6	0.54	0.41	2	2	0	1800	1800	0
1/9/2024 18:14	50506 MEDH_T1	0	4	-4	0	0.13	0.13	-0.11	-0.11	0	0	0	0	0	0
1/9/2024 18:14	65003 NEFF_T2	0	3	3	0	0.17	0.17	0	0	0	0	0	0	0	0
1/9/2024 18:14	56802 BENV_T2	0	1	1	0	0.1	0.1	-0.98	-1.13	0	0	0	0	0	0
1/9/2024 18:14	40501 CRES_T2	19	42	23	0.54	0.42	-0.12	0	0	0	0	0	0	0	0
1/9/2024 18:15	46302 ROHR_T1	2	2	0	0.85	1.75	0.9	0	0	0	0	0	0	0	0
1/9/2024 18:15	67204 TEHI_T2	0	0	0	0	0	0	0.16	0.17	0	0	0	0	0	0
1/9/2024 18:16	43201 MVIL_T2	0	107	107	0	0.8	0.8	-1.21	-1.15	0	0	0	0	0	0
1/9/2024 18:16	40501 CRES_T2	37	63	26	0.51	0.47	-0.04	0	0	0	0	0	0	0	0
1/9/2024 18:16	20403 ASHF_T2	0	0	0	0	0	0	0.57	0.52	0	0	0	0	0	0
1/9/2024 18:16	47401 PENS_T1	0	0	0	0	0	0	0.95	0.95	0	0	0	0	0	0
1/9/2024 18:16	56802 BENV_T2	1	0	-1	0.1	0	-0.1	-0.98	-1.13	0	0	0	0	0	0
1/9/2024 18:16	40101 HUNT_T2	149	233	84	0.5	0.6	0.1	-0.26	-0.29	0	0	0	0	0	0
1/9/2024 18:17	56802 BENV_T2	1	0	-1	0.1	0	-0.1	-0.49	-0.57	0	0	0	0	0	0
1/9/2024 18:17	12701 MACU_T1	0	0	0	0	0	0	-1.01	-1.04	1	1	0	1200	1200	0
1/9/2024 18:17	47401 PENS_T1	0	0	0	0	0	0	2.85	2.85	0	0	0	0	0	0
1/9/2024 18:18	67605 WARW_T1	0	0	0	0	0	0	-0.93	-0.87	0	0	0	0	0	0
1/9/2024 18:18	60501 NMAN_T2	3	3	0	4.17	4.3	0.13	0	0	0	0	0	0	0	0
1/9/2024 18:18	40501 CRES_T2	37	63	26	0.51	0.47	-0.04	0	0	0	0	0	0	0	0
1/9/2024 18:18	57401 SPAN_T1	2	284	282	0.45	0.75	0.3	-0.65	-0.69	1	1	0	600	600	0
1/9/2024 18:18	41801 GOCI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1/9/2024 18:19	67001 STHI_T2	305	461	156	0.15	0.24	0.09	0	0	0	0	0	0	0	0
1/9/2024 18:19	67901 WNHO_T2	100	74	-26	0.25	0.2	-0.05	-0.53	-0.42	0	0	0	0	0	0
1/9/2024 18:19	14403 SSLA_T1	1	1	0	3.5	1.7	-1.8	0.91	0.9	0	0	0	0	0	0
1/9/2024 18:19	55002 NEWP_T1	4	4	0	1	0.75	-0.25	-0.19	-0.18	0	0	0	0	0	0
1/9/2024 18:19	67204 TEHI_T2	0	0	0	0	0	0	0.16	0.17	0	0	0	0	0	0
1/9/2024 18:19	67602 WARW_T2	0	0	0	0	0	0	0.9	0.84	0	0	0	0	0	0
1/9/2024 18:19	60501 NMAN_T2	3	3	0	4.17	4.3	0.13	0	0	0	0	0	0	0	0
1/9/2024 18:20	61306 EARL_T1	7	2	-5	0.19	0.15	-0.04	0	0	0	0	0	0	0	0
1/9/2024 18:20	47401 PENS_T1	0	0	0	0	0	0	0.95	0.95	0	0	0	0	0	0
1/9/2024 18:20	57401 SPAN_T1	2	284	282	0.45	0.75	0.3	-1.29	-1.39	2	2	0	1200	1200	0
1/9/2024 18:20	61306 EARL_T1	7	2	-5	0.19	0.15	-0.04	0	0	0	0	0	0	0	0
1/9/2024 18:20	64101 REFR_T1	4	2	-2	0.18	0.25	0.07	-0.05	-0.06	0	0	0	0	0	0
1/9/2024 18:21	57403 SPAN_T1	0	0	0	0	0	0	0.24	0.16	0	0	0	0	0	0
1/9/2024 18:21	47401 PENS_T1	0	0	0	0	0	0	0.95	0.95	0	0	0	0	0	0
1/9/2024 18:21	46301 ROHR_T1	0	110	110	0	0.26	0.26	0	0	0	0	0	0	0	0
1/9/2024 18

1/9/2024 18:29	44301 BEAV_T2	0	0	0	0	0	0	-0.13	0.06	1	1	0	600	600	0
1/9/2024 18:29	59301 MCAL_T1	2	2	0	0.25	0.25	0	0	0	0	0	0	0	0	0
1/9/2024 18:29	16302 ALPA_T2	0	0	0	0	0	0	-0.65	-0.63	0	0	0	0	0	0
1/9/2024 18:29	62604 ENGL_T1	0	0	0	0	0	0	-0.43	-0.44	1	1	0	600	600	0
1/9/2024 18:30	45802 HEGI_T2	0	0	0	0	0	0	0.72	0.95	0	0	0	0	0	0
1/9/2024 18:30	40101 HUNT_T2	233	193	-40	0.77	0.57	-0.2	-0.29	-0.24	0	0	0	0	0	0
1/9/2024 18:30	42201 SHEN_T2	2	0	-2	0.95	0	-0.95	0.03	0	1	1	0	600	600	0
1/9/2024 18:30	40502 CRES_T2	22	25	3	0.44	0.42	-0.02	-1.73	-1.82	0	0	0	0	0	0
1/9/2024 18:31	53903 HALI_T2	2	2	0	1	1.05	0.05	-0.16	-0.17	0	0	0	0	0	0
1/9/2024 18:31	67503 WEWI_T2	0	0	0	0	0	0	-0.11	-0.17	0	0	0	0	0	0
1/9/2024 18:31	57402 SPAN_T2	135	284	149	0.16	0.22	0.06	0	0	0	0	0	0	0	0
1/9/2024 18:31	42701 AUGU_T1	2	4	2	0.15	0.5	0.35	0	0	1	1	0	600	600	0
1/9/2024 18:31	58302 NOTT_T1	0	0	0	0	0	0	-0.37	-0.4	1	1	0	1200	1200	0
1/9/2024 18:32	44601 SALE_T2	0	0	0	0	0	0	0.03	-0.03	0	0	0	0	0	0
1/9/2024 18:32	40502 CRES_T2	22	25	3	0.44	0.42	-0.02	-1.15	-1.21	0	0	0	0	0	0
1/9/2024 18:32	11104 EGYP_T1	0	0	0	0	0	0	0.43	0.38	0	0	0	0	0	0
1/9/2024 18:32	52403 GRPA_T2	2	11	9	1.3	0.93	-0.37	0.19	0.17	0	0	0	0	0	0
1/9/2024 18:32	56801 BENV_T1	102	24	-78	0.83	0.84	0.01	-0.48	-0.61	1	2	1	600	1200	600
1/9/2024 18:32	16302 ALPA_T2	0	0	0	0	0	0	-0.65	-0.63	0	0	0	0	0	0
1/9/2024 18:32	56802 BENV_T2	0	0	0	0	0	0	-0.57	-0.57	0	0	0	0	0	0
1/9/2024 18:33	43202 MVIL_T2	74	76	2	1.03	0.73	-0.3	-0.56	-0.61	0	0	0	0	0	0
1/9/2024 18:33	52101 MEIS_T1	1	1	0	0.4	0.7	0.3	0	0	0	0	0	0	0	0
1/9/2024 18:34	65901 SAKR_T2	1	1	0	8.5	9	0.5	-1.22	-1.24	1	1	0	900	900	0
1/9/2024 18:34	47403 PENS_T1	0	12	12	0	0.16	0.16	0	0	0	0	0	0	0	0
1/9/2024 18:34	45802 HEGI_T2	0	0	0	0	0	0	0.72	0.95	0	0	0	0	0	0
1/9/2024 18:34	40501 CRES_T2	58	50	-8	0.47	0.56	0.09	0	0	0	0	0	0	0	0
1/9/2024 18:34	41902 REED_T1	64	6	-58	0.62	1.36	0.74	0	0	0	0	0	0	0	0
1/9/2024 18:34	67503 WEWI_T2	0	0	0	0	0	0	-0.11	-0.17	0	0	0	0	0	0
1/9/2024 18:34	12701 MACU_T1	0	0	0	0	0	0	-1.04	-1.06	1	1	0	1200	1200	0
1/9/2024 18:35	45702 LIND_T2	1	932	931	0.2	0.2	0	-0.46	-0.46	0	0	0	0	0	0
1/9/2024 18:35	66703 STRA_T1	14	14	0	0.33	0.3	-0.03	-0.19	-0.18	0	0	0	0	0	0
1/9/2024 18:35	42701 AUGU_T1	2	4	2	0.15	0.5	0.35	0	0	1	1	0	600	600	0
1/9/2024 18:35	59101 WALK_T2	1	1	0	0	0	0	1.53	1.44	1	1	0	450	450	0
1/9/2024 18:36	64204 KINZ_T1	1	1	0	1	1	0	0	0	0	0	0	0	0	0
1/9/2024 18:36	46004 BERW_T2	1	0	-1	0.2	0	-0.2	-0.49	-0.53	0	0	0	0	0	0
1/9/2024 18:37	61306 EARL_T1	0	7	7	0	0.21	0.21	0	0	0	0	0	0	0	0
1/9/2024 18:37	61102 BERK_T5	1	1	0	0.2	0.3	0.1	0.56	0.65	1	1	0	300	300	0
1/9/2024 18:37	57403 SPAN_T1	0	0	0	0	0	0	0.16	0.16	0	0	0	0	0	0
1/9/2024 18:38	59101 WALK_T2	1	1	0	0	0	0	1.53	1.44	1	1	0	450	450	0
1/9/2024 18:38	44201 POIN_T1	0	0	0	0	0	0	-0.93	-1.04	1	1	0	900	900	0
1/9/2024 18:38	40502 CRES_T2	22	25	3	0.44	0.42	-0.02	-1.82	-1.93	0	0	0	0	0	0
1/9/2024 18:38	14401 SSLA_T1	10	13	3	1.66	0.2	-1.46	0	0	0	0	0	0	0	0
1/9/2024 18:38	64101 REFR_T1	2	1	-1	0.25	0.2	-0.05	-0.06	-0.04	0	0	0	0	0	0
1/9/2024 18:39	67001 STHI_T2	372	540	168	0.19	0.29	0.1	0	0	0	0	0	0	0	0
1/9/2024 18:39	62604 ENGL_T1	0	0	0	0	0	0	-0.44	-0.48	1	1	0	600	600	0
1/9/2024 18:39	47401 PENS_T1	0	0	0	0	0	0	0.86	0.89	0	0	0	0	0	0
1/9/2024 18:39	66503 SMAN_T2	12	40	28	0.17	0.14	-0.03	0	0	0	0	0	0	0	0
1/9/2024 18:39	46302 ROHR_T1	2	4	2	1.75	1.6	-0.15	0.54	0.58	0	0	0	0	0	0
1/9/2024 18:39	64101 REFR_T1	2	1	-1	0.25	0.2	-0.05	-0.04	-0.07	0	0	0	0	0	0
1/9/2024 18:39	67502 WEWI_T2	0	0	0	0	0	0	-0.54	-0.54	1	1	0	900	900	0
1/9/2024 18:39	60101 COCA_T1	0	0	0	0	0	0	0.31	0.32	0	0	0	0	0	0
1/9/2024 18:40	52101 MEIS_T1	1	1	0	0.4	0.7	0.3	0	0	0	0	0	0	0	0
1/9/2024 18:40	46903 MNTG_T2	90	68	-22	0.18	0.17	-0.01	-0.29	-0.31	1	1	0	600	600	0
1/9/2024 18:40	62604 ENGL_T1	0	0	0	0	0	0	-0.44	-0.48	1	1	0	600	600	0
1/9/2024 18:40	59101 WALK_T2	1	1	0	0	0	0	1.44	1.36	1	1	0	450	450	0
1/9/2024 18:40	40501 CRES_T2	58	50	-8	0.47	0.56	0.09	0	0	0	0	0	0	0	0
1/9/2024 18:40	67203 TEHI_T1	1	3	2	1.6	0	-1.6	0	0	0	0	0	0	0	0
1/9/2024 18:41	64101 REFR_T1	2	1	-1	0.25	0.2	-0.05	-0.04	-0.07	0	0	0	0	0	0
1/9/2024 18:41	65902 SAKR_T2	0	0	0	0	0	0	-0.42	-0.44	1	1	0	300	300	0
1/9/2024 18:41	52402 GRPA_T2	6	6	0	0.78	0.7	-0.08	-0.83	-0.85	0	0	0	0	0	0
1/9/2024 18:41	62604 ENGL_T1	0	0	0	0	0	0	-0.44	-0.48	1	1	0	600	600	0
1/9/2024 18:42	40601 PIGR_T1	1	3	2	0.1	0.2	0.1	0	0	0	0	0	0	0	0
1/9/2024 18:42	20403 ASHF_T2	0	0	0	0	0	0	0.53	0.55	0	0	0	0	0	0
1/9/2024 18:43	52402 GRPA_T2	6	6	0	0.78	0.7	-0.08	0	0	0	0	0	0	0	0
1/9/2024 18:43	52101 MEIS_T1	1	1	0	0.4	0.7	0.3	0	0	0	0	0	0	0	0
1/9/2024 18:43	67901 WNHO_T2	40	105	65	0.19	0.26	0.07	-0.41	-0.46	0	0	0	0	0	0
1/9/2024 18:43	53903 HALI_T2	2	2	0	1	1.05	0.05	-0.17	-0.18	0	0	0	0	0	0
1/9/2024 18:44	59003 MIFF_T1	0	0	0	0	0	0	-0.35	-0.32	0	0	0	0	0	0
1/9/2024 18:44	41801 GOCI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1/9/2024 18:44	64101 REFR_T1	2	1	-1	0.25	0.2	-0.05	-0.04	-0.07	0	0	0	0	0	0
1/9/2024 18:45	55105 WERT_T1	0	0	0	0	0	0	-0.39	-0.37	1	1	0	900	900	0
1/9/2024 18:45	59101 WALK_T2	1	1	0	0	0	0	1.44	1.36	1	1	0	450	450	0
1/9/2024 18:47	52101 MEIS_T1	1	1	0	0.5	0.9	0.4	0	0	0	0	0	0	0	0
1/9/2024 18:48	56802 BENV_T2	0	0	0	0	0	0	-0.57	-0.59	0	0	0	0	0	0
1/9/2024 18:51	53901 HALI_T2	10	53	43	0.16	0.28	0.12	0	0	0	0	0	0	0	0
1/9/2024 18:56	58402 MORO_T1	0	2	2	0	0	0	0.12	0.18	2	2	0	1500	1500	0
1/9/2024 18:57	52402 GRPA_T2	3	6	3	0.57	1.08	0.51	0	0	0	0	0	0	0	0
1/9/2024 18:59	65003 NEFF_T2	27	0	-27	0.11	0	-0.11	0	0	0	0	0	0	0	0
1/9/2024 19:35	65001 NEFF_T2	0	8	8	0	0.1	0.1	-0.92	-0.92	1	1	0	1200	1200	0
1/9/2024 19:55	53903 HALI_T2	2	2	0	1.3	1.5	0.2	-0.23	-0.25	0	0	0	0	0	0
1/9/2024 19:57	57401 SPAN_T1	86	3	-83	0.23	0.6	0.37	0	0	0	0	0	0	0	0
1/9/2024 20:02	65001 NEFF_T2	0	3	3	0	0.1	0.1	-0.87	-0.9	1	1	0	1200	1200	0
1/9/2024 20:11	60801 BUCK_T1	0	0	0	0	0	0	0.08	0.06	0	0	0	0	0	0
1/9/2024 20:17	50501 MEOH_T1	1	0	-1	0.1	0	-0.1	0	0	0	0	0	0	0	0
1/9/2024 20:18	40101 HUNT_T2	4	12	8	0.28	0.2	-0.08	-0.32	-0.37	0	0	0	0	0	0
1/9/2024 20:38	65003 NEFF_T2	2	4	2	0.15	0.28	0.13	0	0	0	0	0	0	0	0
1/9/2024 20:48	56802 BENV_T2	0	1	1	0	0.4	0.4	-0.68	-0.73	0	0	0	0	0	0
1/9/2024 20:50	56802 BENV_T2	0	1	1	0	0.4	0.4	-0.68	-0.73	0	0	0	0	0	0
1/9/2024 20:59	65002 NEFF_T2	0	1	1	0	0.1	0.1	0	0	0	0	0	0	0	0
1/9/2024 21:00	56802 BENV_T2	1	2	1	0.4	0.4	0	-0.73	-0.74	0	0	0	0	0	0
1/9/2024 21:26	40101 HUNT_T2	0	0	0	0	0	0	-0.36	-0.66	0	0	0	0	0	0
1/9/2024 21:37	45601 WOOL_T1	0	0	0	0	0	0	0.99	1.1	0	0	0	0	0	0
1/9/2024 21:41	65001 NEFF_T2	0	13	13	0	0.11	0.11	-0.98	-0.97	1	1	0	1200	1200	0
1/9/2024 22:45	65001 NEFF_T2	0	0	0	0	0	0	-1.01	-1.08	1	1	0	1200	1200	0
1/9/2024 23:06	56802 BENV_T2	0	0	0	0	0	0	-1.54	-1.46	0	0	0	0	0	0
1/9/2024 23:16	56802 BENV_T2	0	0	0	0	0	0	-0.73	-0.82	0	0	0	0	0	0
1/9/2024 23:27	65001 NEFF_T2	0	0	0	0	0	0	-1.18	-1.26	1	1	0	1200	1200	0
1/9/2024 23:44	65001 NEFF_T2	0	0	0	0	0	0	-1.26	-1.3	1	1	0	1200	1200	0
1/10/2024 0:08	60201 ATGL_T2	0	0	0	0	0	0	0.15	0.11	0	0	0	0	0	0
1/10/2024 1:00	56504 ROCK_T2	0	0	0	0	0	0	-0.45	-0.44	0	0	0	0	0	0
1/10/2024 1:10	56504 ROCK_T2	0	0	0	0	0	0	-1.32	-1.12	0	0	0	0	0	0
1/10/2024 1:12	56501 ROCK_T2	2	7	5	0.2	0.15	-0.05	0	0	0	0	0	0	0	0
1/10/2024 1:13	67502 WEWI_T2	0	0	0	0	0	0	-0.61	-1.16	1	1	0	900	900	0
1/10/2024 1:13	56501 ROCK_T2	2	7	5	0.2	0.15	-0.05	0	0	0	0	0	0	0	0
1/10/2024 1:14	56504 ROCK_T2	0	0	0	0	0	0	-0.44	-0.37	0	0	0	0	0	0
1/10/2024 1:15	67502 WEWI_T2	0	0	0	0	0	0	-0.61	-1.16	1	1	0	900	900	0
1/10/2024 1:16	65604 QVIL_T2	0	0	0	0	0	0	0.27	0.41	0	0	0	0	0	0
1/10/2024 1:17	65001 NEFF_T2	2	0	-2	0.1	0	-0.1	-1.35	-1.19	1	1	0	1200	1200	0
1/10/2024 1:25	56501 ROCK_T2	6	1	-5	0.15	0.2	0.05	0	0	0	0	0	0	0	0
1/10/2024 1:59	65001 NEFF_T2	0	0	0	0	0	0	-1.29	-1.26	1	1	0	1200	1200	0
1/10/2024 2:41	65001 NEFF_T2	0	2	2	0	0.1	0.1	-1.27	-1.29	1	1	0	1200	1200	0
1/10/2024 2:56	65001 NEFF_T2	2	0	-2	0.1	0	-0.1	-1.29	-1.27	1	1	0	1200	1200	0
1/10/2024 3:12	65001 NEFF_T2	0	0	0	0	0	0	-1.27	-1.29	1	1	0	1200	1200	0
1/10/2024 4:07	55002 NEWP_T1	3	1	-2	0.17	0.2	0.03	-0.26	-0.25	0	0	0	0	0	0
1/10/2024 4:15	13503 MCMI_T2	0	0	0	0	0	0	0.12	0.14	0	0	0	0	0	0
1/10/2024 4:15	45501 DERR_T2	0	1	1	0	0.3	0.3	-0.43	-0.42	2	2	0	1800	1800	0
1/10/2024 4:21	65001 NEFF_T2	0	0	0	0	0	0	-1.27	-1.27	1	1	0	1200	1200	0
1/10/2024 5:02	65001 NEFF_T2	0	0	0	0	0	0	-1.23	-1.11	1	1	0	1200	1200	0
1/10/2024 5:55	65001 NEFF_T2	0	0	0	0	0	0	-1.06	-1.01	1	1	0	1200	1200	0
1/10/2024 6:37	65001 NEFF_T2	0	0	0	0	0	0	-0.72	-0.67	1	1	0	1200	1200	0
1/10/2024 7:03	65001 NEFF_T2	0	0	0	0	0	0	-0.66	-0.65	1	1	0	1200	1200	0
1/10/2024 7:19	65001 NEFF_T2	0	0	0	0	0	0	-0.65	-0.55	1	1	0	1200	1200	0
1/10/2024 7:57	45501 DERR_T2	2	3	1	0.1	0	-0.1	0.57	0.68	2	2	0	1800	1800	0
1/10/2024 7:58	40101 HUNT_T2	3	33	30	0.4	0.31	-0.09	-0.29	-0.26	0	0	0	0	0	0
1/10/2024 8:01	65001 NEFF_T2	0	0	0	0	0	0	-0.58	-0.52	1	1	0	1200	1200	0
1/10/2024 8:02	40101 HUNT_T2	30	45	15	0.34	0.31	-0.03	-0.29	-0.26	0	0	0	0	0	0
1/10/2024 8:12	40501 CRES_T2	25	25	0	0.38	0.35	-0.03	0	0	0	0	0	0	0	0
1/10/2024 8:18	40101 HUNT_T2	23	101	78	0.33	0.38	0.05	-0.26	-0.24	0	0	0	0	0	0
1/10/2024 8:18	55002 NEWP_T1	6	6	0	0.83	0.68	-0.15	-0.38	-0.44	0	0	0	0	0	0
1/10/2024 8:19	55002 NEWP_T1	6	6	0	0.83	0.68	-0.15	-0.19	-0.22	0	0	0	0	0	0
1/10/2024 8:19	67103 SPRI_T1	0	0	0	0	0	0	-0.04	0	0	0	0	0	0	0
1/10/2024 8:21	54205 PENN_T1	72	0	-72	0.28	0	-0.28	0	0	0	0	0	0	0	0
1/10/2024 8:21	55002 NEWP_T1	6	6	0	0.83	0.68	-0.15	-0.19	-0.22	0	0	0	0	0	0
1/10/2024 8:22	13606 RICH_T2	0	0	0	0	0	0	1.01	1.62	0	0	0	0	0	0
1/10/2024 8:23	67103 SPRI_T1	0	0	0	0	0	0	-0.04	0	0	0	0	0	0	0
1/10/2024 8:27	54505 ENOL_T2	1	1	0	0.6	0.7	0.1	0	0	0	0	0	0	0	0
1/10/2024 8:30	64702 LITI_T2	0	0	0	0	0	0	-0.75	-0.73	0	0	0	0	0	0
1/10/2024 8:34	55002 NEWP_T1	6	6	0	0.65	0.77	0.12	-0.22	-0.19	0	0	0	0	0	0
1/10/2024 8:34	64702 LITI_T2	0	0	0	0	0	0	-0.75	-0.73	0	0	0	0	0	0
1/10/2024 8:35	64702 LITI_T2	0	0	0	0	0	0	-0.75	-0.73	0	0	0	0	0	0
1/10/2024 8:40	40502 CRES_T2	6	15	9	0.18	0.34	0.16	-0.11	-0.13	0	0	0	0	0	0
1/10/2024 8:45	64702 LITI_T2	0	0	0	0	0	0	-0.73	-0.78	0	0	0	0	0	0
1/10/2024 8:49	55002 NEWP_T1	6	6	0	0.53	0.97	0.44	-0.19	-0.2	0	0	0	0	0	0
1/10/2024 8:51	44903 SCOT_T1	0	0	0	0	0	0	-0.03	-0.03	0	0	0	0	0	0
1/10/2024 8:51	64702 LITI_T2	0	0	0	0	0	0	-0.73	-0.78	0	0	0	0	0	0
1/10/2024 8:53	43402 BENT_T1	0	2	2	0	0	0	-0.89	-0.9	1	1	0	900	900	0
1/10/2024 8:53	65001 NEFF_T2	0	0	0	0	0	0	-0.35	-0.52	1	1	0	1200	1200	0
1/10/2024 8:54	13606 RICH_T2	0	0	0	0	0	0	1.62	1.55	0	0	0	0	0	0
1/10/2024 8:55	43402 BENT_T1	0	2	2	0	0	0	-0.89	-0.9	1	1	0	900	900	0
1/10/2024 8:57	43402 BENT_T1	0	2	2	0	0	0	-0.89	-0.9	1	1	0	900	900	0
1/10/2024 9:00	47401 PENS_T1	24	0	-24	0.17	0	-0.17	-0.39	-0.33	0	0	0	0	0	0
1/10/2024 9:00	46004 BERW_T2	0	0	0	0	0	0	-0.35	-0.37	0	0	0	0	0	0
1/10/2024 9:00	43001 ALWD_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1/10/2024 9:00	57403 SPAN_T1	0	0	0	0	0	0	0.12	0.13	0	0	0	0	0	0
1/10/2024 9:00	53901 HALI_T2	1	3	2	0.5	0.4	-0.1	0	0	0	0	0	0	0	0
1/10/2024 9:00	52402 GRPA_T2	2	5	3	1.9	1.16	-0.74	0	0	0	0	0	0	0	0
1/10/2024 9:00	42903 MIDD_T2	0	0	0	0	0	0	0.43	0.43	1	1	0	1200	1200	0
1/10/2024 9:00	67001 STHI_T2	476	551	75	0.2	0.27	0.07	0	0	0	0	0	0	0	0
1/10/2024 9:00	55105 WERT_T1	0	1	1	0	0	0	-0.48	-0.47	1	1	0	900	900	0
1/10/2024 9:00	40501 CRES_T2	30	35	5	0.34	0.38	0.04	0	0	0	0	0	0	0	0
1/10/2024 9:00	59101 WALK_T2	1	1	0	0	0	0	0	0	0	0	0	0	0	0
1/10/2024 9:00	27502 WEIS_T2	1	1	0	5.6	0	-5.6	-0.3	-0.32	0	0	0	0	0	0
1/10/2024 9:00	44201 POIN_T1	0	0	0	0	0	0	-0.02	-0.64	1	1	0	900	900	0
1/10/2024 9:00	41901 REED_T1	11	11	0	0.45	0.61	0.16	0	0	0	0	0	0	0	0
1/10/2024 9:00	67402 WAKE_T2	0	0	0	0	0	0	-0.22	1.22	1	1	0	600	600	0
1/10/2024 9:00	66903 SHIL_T2	0	18	18	0	0.11	0.11	0	0	0	0	0	0	0	0
1/10/2024 9:00	67503 WEWI_T2	0	0	0	0	0	0	-0.33	-0.48	0	0	0	0	0	0
1/10/2024 9:00	23401 HONE_T2	0	0	0	0	0	0	-0.14	-0.15	0	0	0	0	0	0
1/10/2024 9:00	43304 WATS_T2	0	0	0	0	0	0	-0.62	-0.62	0	0	0	0	0	0
1/10/2024 9:02	64101 REFR_T1	0	0	0	0	0	0	-0.08	-0.09	0	0	0	0	0	0
1/10/2024 9:07	67503 WEWI_T2	0	0	0	0	0	0	-0.16	-0.24	0	0	0	0	0	0
1/10/2024 9:07	67002 STHI_T2	116	266	150	0.17	0.2	0.03	1.22	1.24	0	0	0	0	0	0
1/10/2024 9:07	43402 BENT_T1	2	0	-2	0.2	0	-0.2	-0.89	-0.9	1	1	0	900	900	0
1/10/2024 9:08	67503 WEWI_T2	0	0	0	0	0	0	-0.16	-0.24	0	0	0	0	0	0
1/10/2024 9:08	47401 PENS_T1	24	0	-24	0.17	0	-0.17	-0.33	-0.36	0	0	0	0	0	0
1/10/2024 9:09	67001 STHI_T2	476	551	75	0.2	0.27	0.07	0	0	0	0	0	0	0	0
1/10/2024 9:09	47403 PENS_T1	1	1	0	2	2.2	0.2	0	0	0	0	0	0	0	0
1/10/2024 9:09	53501 EVIL_T2	1

1/10/2024 9:44	52403 GRPA_T2	1	1	0	0.2	0	-0.2	0	0	0	0	0	0	0
1/10/2024 9:46	43201 MVIL_T2	0	44	44	0	0.79	0.79	0	0	0	0	0	0	0
1/10/2024 9:46	52402 GRPA_T2	1	5	4	4	1.1	-2.9	0	0	0	0	0	0	0
1/10/2024 9:46	46901 MNTG_T2	0	0	0	0	0	0	0.56	0.52	1	1	0	1200	1200	0
1/10/2024 9:47	13503 MCMI_T2	0	0	0	0	0	0	0.15	0.17	0	0	0	0	0	0
1/10/2024 9:47	46903 MNTG_T2	0	0	0	0	0	0	0.25	0.31	1	1	0	600	600	0
1/10/2024 9:47	43202 MVIL_T2	56	93	37	0.41	1.07	0.66	-0.47	-0.5	0	0	0	0	0	0
1/10/2024 9:47	52403 GRPA_T2	1	1	0	0.1	0	-0.1	0	0	0	0	0	0	0	0
1/10/2024 9:48	41901 REED_T1	10	10	0	0.66	0.71	0.05	0	0	0	0	0	0	0	0
1/10/2024 9:48	44901 SCOT_T2	0	0	0	0	0	0	0.39	-0.65	0	0	0	0	0	0
1/10/2024 9:49	13503 MCMI_T2	0	0	0	0	0	0	0.15	0.17	0	0	0	0	0	0
1/10/2024 9:50	41901 REED_T1	10	10	0	0.66	0.71	0.05	0	0	0	0	0	0	0	0
1/10/2024 9:50	64101 REFR_T1	0	0	0	0	0	0	-0.07	-0.09	0	0	0	0	0	0
1/10/2024 9:51	53903 HALI_T2	2	2	0	0.6	0.75	0.15	0	0	0	0	0	0	0	0
1/10/2024 9:51	43202 MVIL_T2	56	93	37	0.41	1.07	0.66	0	0	0	0	0	0	0	0
1/10/2024 9:51	44901 SCOT_T2	0	0	0	0	0	0	0.39	-0.65	0	0	0	0	0	0
1/10/2024 9:52	53903 HALI_T2	2	2	0	0.6	0.75	0.15	0	0	0	0	0	0	0	0
1/10/2024 9:52	55002 NEWP_T1	7	6	-1	0.76	0.55	-0.21	0	0	0	0	0	0	0	0
1/10/2024 9:52	64101 REFR_T1	0	0	0	0	0	0	-0.07	-0.09	0	0	0	0	0	0
1/10/2024 9:53	56802 BENV_T2	0	1	1	0	0.2	0.2	-0.64	-0.66	0	0	0	0	0	0
1/10/2024 9:53	53901 HALI_T2	0	1	1	0	0	0	-1.18	-1.61	0	0	0	0	0	0
1/10/2024 9:54	42201 SHEN_T2	100	0	-100	2.72	0	-2.72	0.18	0.17	1	1	0	600	600	0
1/10/2024 9:54	55002 NEWP_T1	7	6	-1	0.76	0.55	-0.21	0	0	0	0	0	0	0	0
1/10/2024 9:54	53901 HALI_T2	0	1	1	0	0	0	-0.54	-0.55	0	0	0	0	0	0
1/10/2024 9:54	29402 BELT_T1	1	1	0	6.9	7.2	0.3	0	0	0	0	0	0	0	0
1/10/2024 9:55	62606 ENGL_T1	0	2	2	0	0	0	0	0	0	0	0	0	0	0
1/10/2024 9:55	45501 DERR_T2	0	0	0	0	0	0	0.65	0.64	2	2	0	1800	1800	0
1/10/2024 9:55	67401 WAKE_T2	0	1	1	0	0	0	0	0	0	0	0	0	0	0
1/10/2024 9:56	41601 CLEV_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1/10/2024 9:57	53502 EVIL_T2	2	1	-1	0.6	0	-0.6	0	0	0	0	0	0	0	0
1/10/2024 9:57	56802 BENV_T2	0	1	1	0	0.2	0.2	-1.32	-1.23	0	0	0	0	0	0
1/10/2024 9:58	41601 CLEV_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1/10/2024 9:59	53501 EVIL_T2	0	1	1	0	0.3	0.3	-0.07	-0.13	1	1	0	600	600	0
1/10/2024 10:00	64902 MILL_T2	0	0	0	0	0	0	-0.74	-0.72	1	1	0	900	900	0
1/10/2024 10:00	53502 EVIL_T2	1	0	-1	0.2	0	-0.2	0	0	0	0	0	0	0	0
1/10/2024 10:00	40101 HUNT_T2	29	94	65	0.55	0.43	-0.12	-0.23	-0.23	0	0	0	0	0	0
1/10/2024 10:01	43201 MVIL_T2	44	0	-44	0.79	0	-0.79	-1.24	-0.2	0	0	0	0	0	0
1/10/2024 10:01	64204 KINZ_T1	1	1	0	0.5	0.7	0.2	0	0	0	0	0	0	0	0
1/10/2024 10:01	14403 SSLA_T1	0	0	0	0	0	0	1.06	1.05	0	0	0	0	0	0
1/10/2024 10:02	57304 MOAL_T2	1	1	0	0.2	0.3	0.1	-0.22	-0.36	0	0	0	0	0	0
1/10/2024 10:02	55002 NEWP_T1	5	6	1	0.52	0.68	0.16	-0.19	-0.18	0	0	0	0	0	0
1/10/2024 10:02	13302 ORVI_T2	11	11	0	0.2	0.24	0.04	1.03	1.07	0	0	0	0	0	0
1/10/2024 10:04	57401 SPAN_T1	2	1	-1	0.25	0.4	0.15	-1.01	-1.01	1	1	0	600	600	0
1/10/2024 10:04	40603 PIGR_T1	0	0	0	0	0	0	0.38	0.4	0	0	0	0	0	0
1/10/2024 10:04	57304 MOAL_T2	1	1	0	0.2	0.3	0.1	-0.22	-0.36	0	0	0	0	0	0
1/10/2024 10:04	52102 MEIS_T1	0	0	0	0	0	0	0	0	1	1	0	450	450	0
1/10/2024 10:04	40502 CRES_T2	0	0	0	0	0	0	-0.22	-0.24	0	0	0	0	0	0
1/10/2024 10:05	56501 ROCK_T2	1	2	1	0.2	0.65	0.45	0	0	0	0	0	0	0	0
1/10/2024 10:05	57401 SPAN_T1	2	1	-1	0.25	0.4	0.15	-1.01	-1.01	1	0	-1	600	0	-600
1/10/2024 10:05	46301 ROHR_T1	199	154	-45	0.46	0.34	-0.12	0.28	0.23	0	0	0	0	0	0
1/10/2024 10:06	57401 SPAN_T1	2	1	-1	0.25	0.4	0.15	0	0	0	0	0	0	0	0
1/10/2024 10:06	40502 CRES_T2	0	0	0	0	0	0	-0.22	-0.24	0	0	0	0	0	0
1/10/2024 10:06	46302 ROHR_T1	148	143	-5	0.71	0.63	-0.08	0	0	0	0	0	0	0	0
1/10/2024 10:07	67201 TEHI_T1	2	0	-2	0.2	0	-0.2	0	0	0	0	0	0	0	0
1/10/2024 10:07	42701 AUGU_T1	1	1	0	0.5	0.6	0.1	0	0	2	2	0	1200	1200	0
1/10/2024 10:08	20403 ASHF_T2	0	0	0	0	0	0	0.23	0.22	0	0	0	0	0	0
1/10/2024 10:08	53901 HALI_T2	0	2	2	0	0.1	0.1	-0.54	-0.55	0	0	0	0	0	0
1/10/2024 10:08	57401 SPAN_T1	2	1	-1	0.25	0.4	0.15	-1.01	-1.01	1	0	-1	600	0	-600
1/10/2024 10:09	59101 WALK_T2	1	1	0	0	0	0	0	0	0	0	0	0	0	0
1/10/2024 10:09	67201 TEHI_T1	2	0	-2	0.2	0	-0.2	0.68	0.65	1	1	0	600	600	0
1/10/2024 10:09	57401 SPAN_T1	2	1	-1	0.25	0.4	0.15	-1.01	-0.38	1	0	-1	600	0	-600
1/10/2024 10:10	20403 ASHF_T2	0	0	0	0	0	0	0.23	0.22	0	0	0	0	0	0
1/10/2024 10:10	42701 AUGU_T1	1	1	0	0.5	0.6	0.1	0	0	1	1	0	600	600	0
1/10/2024 10:11	56802 BENV_T2	1	1	0	0.2	0.4	0.2	-0.61	-0.64	0	0	0	0	0	0
1/10/2024 10:11	53901 HALI_T2	0	2	2	0	0.1	0.1	-0.55	-0.56	0	0	0	0	0	0
1/10/2024 10:11	46001 BERW_T1	0	2	2	0	0.15	0.15	-0.04	-0.09	0	0	0	0	0	0
1/10/2024 10:11	62606 ENGL_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1/10/2024 10:12	46001 BERW_T1	0	2	2	0	0.15	0.15	-0.08	-0.17	0	0	0	0	0	0
1/10/2024 10:12	62606 ENGL_T1	0	1	1	0	0	0	0	0	0	0	0	0	0	0
1/10/2024 10:12	56802 BENV_T2	1	1	0	0.2	0.4	0.2	-1.23	-1.28	0	0	0	0	0	0
1/10/2024 10:13	64202 KINZ_T1	3	3	0	1.83	1.87	0.04	0	0	0	0	0	0	0	0
1/10/2024 10:13	62606 ENGL_T1	0	1	1	0	0	0	0	0	0	0	0	0	0	0
1/10/2024 10:14	62605 ENGL_T1	0	1	1	0	0.1	0.1	0	0	0	0	0	0	0	0
1/10/2024 10:14	12701 MACU_T1	0	0	0	0	0	0	0.1	0.12	0	0	0	0	0	0
1/10/2024 10:14	46001 BERW_T1	0	2	2	0	0.15	0.15	-0.04	-0.09	0	0	0	0	0	0
1/10/2024 10:15	62601 ENGL_T1	0	1	1	0	0	0	0	0	0	0	0	0	0	0
1/10/2024 10:15	63401 HONY_T1	0	0	0	0	0	0	0.82	0.81	0	0	0	0	0	0
1/10/2024 10:15	52403 GRPA_T2	1	2	1	0.1	1.1	1	0	0	0	0	0	0	0	0
1/10/2024 10:15	46903 MNTG_T2	0	1	1	0	7.7	7.7	0.24	0.16	1	1	0	600	600	0
1/10/2024 10:16	40103 HUNT_T2	91	63	-28	0.43	0.41	-0.02	-0.23	-0.16	0	0	0	0	0	0
1/10/2024 10:16	52403 GRPA_T2	1	2	1	0.1	1.1	1	0.1	0.11	0	0	0	0	0	0
1/10/2024 10:16	50502 MECH_T1	1	1	0	2.1	1.8	-0.3	0	0	0	0	0	0	0	0
1/10/2024 10:17	52403 GRPA_T2	1	2	1	0.1	1.1	1	0	0	0	0	0	0	0	0
1/10/2024 10:18	64204 KINZ_T1	1	1	0	0.7	0.1	-0.6	0	0	0	0	0	0	0	0
1/10/2024 10:18	40502 CRES_T2	0	0	0	0	0	0	-0.36	-0.36	0	0	0	0	0	0
1/10/2024 10:18	55002 NEWP_T1	6	6	0	0.53	0.67	0.14	-0.18	-0.2	0	0	0	0	0	0
1/10/2024 10:18	52102 MEIS_T1	0	0	0	0	0	0	0	0	1	1	0	450	450	0
1/10/2024 10:18	52404 GRPA_T2	0	1	1	0	0	0	0	0	0	0	0	0	0	0
1/10/2024 10:18	12701 MACU_T1	0	0	0	0	0	0	0.1	0.12	0	0	0	0	0	0
1/10/2024 10:20	40502 CRES_T2	0	0	0	0	0	0	-0.6	-0.59	0	0	0	0	0	0
1/10/2024 10:21	65001 NEFF_T2	0	0	0	0	0	0	-0.55	-0.43	1	1	0	1200	1200	0
1/10/2024 10:21	53903 HALI_T2	2	2	0	0.75	0.6	-0.15	0	0	0	0	0	0	0	0
1/10/2024 10:21	46301 ROHR_T1	138	148	10	0.34	0.32	-0.02	0.23	0.29	0	0	0	0	0	0
1/10/2024 10:22	40502 CRES_T2	0	0	0	0	0	0	-0.96	-0.95	0	0	0	0	0	0
1/10/2024 10:22	53903 HALI_T2	2	2	0	0.75	0.6	-0.15	0	0	0	0	0	0	0	0
1/10/2024 10:22	56501 ROCK_T2	2	2	0	0.7	0.5	-0.2	-0.85	-0.87	0	0	0	0	0	0
1/10/2024 10:22	61306 EARL_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1/10/2024 10:22	67502 WEWI_T2	0	1	1	0	0.2	0.2	0	-0.08	0	0	0	0	0	0
1/10/2024 10:23	65001 NEFF_T2	0	0	0	0	0	0	-0.55	-0.43	1	1	0	1200	1200	0
1/10/2024 10:23	49804 UNIV_T1	2	3	1	0.2	0.2	0	0	0	0	0	0	0	0	0
1/10/2024 10:23	53903 HALI_T2	2	2	0	0.75	0.6	-0.15	0	0	0	0	0	0	0	0
1/10/2024 10:23	56501 ROCK_T2	2	2	0	0.7	0.5	-0.2	-0.85	-0.87	0	0	0	0	0	0
1/10/2024 10:24	53901 HALI_T2	0	1	1	0	0.1	0.1	-0.56	-0.53	0	0	0	0	0	0
1/10/2024 10:24	67502 WEWI_T2	0	1	1	0	0.2	0.2	-0.08	-0.06	0	0	0	0	0	0
1/10/2024 10:24	67901 WNHO_T2	0	0	0	0	0	0	0.4	0.31	1	1	0	900	900	0
1/10/2024 10:26	53903 HALI_T2	2	2	0	0.75	0.6	-0.15	0	0	0	0	0	0	0	0
1/10/2024 10:27	64801 MONE_T2	1	17	16	0.3	0	-0.3	0	0	0	0	0	0	0	0
1/10/2024 10:27	67502 WEWI_T2	0	1	1	0	0.2	0.2	-0.08	-0.06	0	0	0	0	0	0
1/10/2024 10:28	67502 WEWI_T2	0	1	1	0	0.2	0.2	-0.08	-0.06	0	0	0	0	0	0
1/10/2024 10:31	62605 ENGL_T1	1	0	-1	0.1	0	-0.1	0	0	0	0	0	0	0	0
1/10/2024 10:32	52102 MEIS_T1	0	0	0	0	0	0	0	0	1	1	0	450	450	0
1/10/2024 10:32	41901 REED_T1	10	11	1	0.46	0.41	-0.05	0	0	0	0	0	0	0	0
1/10/2024 10:32	12701 MACU_T1	0	142	142	0	0	0	0.12	0.11	0	0	0	0	0	0
1/10/2024 10:33	16402 MOPO_T1	3	7	4	0.7	0.62	-0.08	0.15	0.08	0	0	0	0	0	0
1/10/2024 10:34	52102 MEIS_T1	0	0	0	0	0	0	0	0	1	1	0	450	450	0
1/10/2024 10:34	16402 MOPO_T1	3	7	4	0.7	0.62	-0.08	0.15	0.08	0	0	0	0	0	0
1/10/2024 10:34	12701 MACU_T1	0	142	142	0	0	0	0.12	0.11	0	0	0	0	0	0
1/10/2024 10:34	13302 ORVI_T2	8	5	-3	0.15	0.1	-0.05	1.08	1.08	0	0	0	0	0	0
1/10/2024 10:34	55002 NEWP_T1	6	6	0	0.63	0.73	0.1	-0.2	-0.17	0	0	0	0	0	0
1/10/2024 10:35	54001 SDLE_T1	4	4	0	0.55	0.55	0	0	0	0	0	0	0	0	0
1/10/2024 10:35	59003 MIFF_T1	0	1	1	0	0.1	0.1	-0.82	-0.92	0	0	0	0	0	0
1/10/2024 10:35	57401 SPAN_T1	1	1	0	0.3	0.2	-0.1	-0.38	-1.05	1	1	0	600	600	0
1/10/2024 10:36	66504 SMAN_T2	0	0	0	0	0	0	-0.42	-0.35	0	0	0	0	0	0
1/10/2024 10:36	54001 SDLE_T1	4	4	0	0.55	0.55	0	0	0	0	0	0	0	0	0
1/10/2024 10:36	59003 MIFF_T1	0	1	1	0	0.1	0.1	-0.82	-0.92	0	0	0	0	0	0
1/10/2024 10:37	66504 SMAN_T2	0	0	0	0	0	0	0.85	0.7	0	0	0	0	0	0
1/10/2024 10:37	57401 SPAN_T1	1	1	0	0.3	0.2	-0.1	0	0	0	0	0	0	0	0
1/10/2024 10:37	67502 WEWI_T2	1	0	-1	0.2	0	-0.2	0	0	0	0	0	0	0	0
1/10/2024 10:37	54001 SDLE_T1	4	4	0	0.55	0.55	0	0	0	0	0	0	0	0	0
1/10/2024 10:38	67502 WEWI_T2	1	0	-1	0.2	0	-0.2	0	0	0	0	0	0	0	0
1/10/2024 10:38	56802 BENV_T2	1	1	0	0.4	0.2	-0.2	-0.64	-0.72	0	0	0	0	0	0
1/10/2024 10:39	57401 SPAN_T1	1	1	0	0.3	0.2	-0.1	-1.05	-1.07	1	1	0	600	600	0
1/10/2024 10:42	56802 BENV_T2	1	1	0	0.4	0.2	-0.2	-0.72	-0.64	0	0	0	0	0	0
1/10/2024 10:42	47001 HUGH_T2	0	0	0	0	0	0	-0.64	-0.63	0	0	0	0	0	0
1/10/2024 10:43	47001 HUGH_T2	0	0	0	0	0	0	-0.64	-0.63	0	0	0	0	0	0
1/10/2024 10:43	46801 HEPB_T2	0	2	2	0	0.2	0.2	0.65	0.69	0	0	0	0	0	0
1/10/2024 10:44	54505 ENOL_T2	1	1	0	0.3	0.5	0.2	0	0	0	0	0	0	0	0
1/10/2024 10:44	13503 MCMI_T2	0	1	1	0	0	0	0.19	0.14	0	0	0	0	0	0
1/10/2024 10:45	13503 MCMI_T2	0	1	1	0	0	0	0.19	0.14	0	0	0	0	0	0
1/10/2024 10:46	40101 HUNT_T2	27	108	81	0.4	0.45	0.05	-0.23	-0.27	0	0	0	0	0	0
1/10/2024 10:48	64101 REFR_T1	0	0	0	0	0	0	-0.2	-0.3	0	0	0	0	0	0
1/10/2024 10:48	41901 REED_T1	9	11	2	0.31	0.4	0.09	0	0	0	0	0	0	0	0
1/10/2024 10:48	13302 ORVI_T2	4	6	2	0.1	0.15	0.05	1.08	1.07	0	0	0	0	0	0
1/10/2024 10:48	40602 PIGR_T1	0	0	0	0	0	0	-1.13	-1.15	1	1	0	600	600	0
1/10/2024 10:48	27502 WEIS_T2	0	0	0	0	0	0	-0.33	-0.27	0	0	0	0	0	0
1/10/2024 10:48	46203 DANV_T2	0	0	0	0	0	0	-0.82	-0.83	0	0	0	0	0	0
1/10/2024 10:50	40601 PIGR_T1	2	12	10	0.1	0.11	0.01	0	0	0	0	0	0	0	0
1/10/2024 10:50	64101 REFR_T1	0	0	0	0	0	0	-0.1	-0.15	0	0	0	0	0	0
1/10/2024 10:50	13302 ORVI_T2	4	6	2	0.1	0.15	0.05	1.08	1.07	0	0	0	0	0	0
1/10/2024 10:50	55002 NEWP_T1	6	6	0	0.65	0.7	0.05	-0.17	-0.21	0	0	0	0	0	0
1/10/2024 10:51	55001 NEWP_T1	0	0	0	0	0	0	-0.48	-0.48	1	1	0	600	600	0
1/10/2024 10:51	13302 ORVI_T2	4	6	2	0.1	0.15	0.05	1.08	1.07	0	0	0	0	0	0
1/10/2024 10:51	64101 REFR_T1	0	0	0	0	0	0	-0.1	-0.15	0	0	0	0	0	0
1/10/2024 10:51	55105 WERT_T1	0	0	0	0	0	0	-0.5	-0.5	1	1	0	900	900	0
1/10/2024 10:52	59101 WALK_T2	1	1	0	0	0	0	0.17	0.18	1	1	0	600	600	0
1/10/2024 10:52	59003 MIFF_T1	1	0	-1	0.1	0	-0.1	-0.92	-0.97	0	0	0	0	0	0
1/10/2024 10:52	55001 NEWP_T1	0	0	0	0	0	0	-0.48	-0.48	1	1	0	600	600	0
1/10/2024 10:52	44901 SCOT_T2	0	0	0	0	0	0	-0.69	-0.78	0	0	0	0	0	0
1/10/2024 10:52	64101 REFR_T1	0	0	0	0	0	0	-0.2	-0.3	0	0	0	0	0	0
1/10/2024 10:53	14403 SSLA_T1	0	0	0	0	0	0	1.03	0.98	0	0	0	0	0	0
1/10/2024 10:53	64101 REFR_T1	0	0	0	0	0	0	-0.1	-0.15	0	0	0	0	0	0
1/10/2024 10:54	42201 SHEN_T2	0	0	0	0	0	0	0.16	0.21	1	1	0	600	600	0
1/10/2024 10:54	59003 MIFF_T1	1	0	-1	0.1	0	-0.1	-0.97	-0.11	0	0	0	0	0	0
1/10/2024 10:54	59101 WALK_T2	1	1	0	0	0	0	0.36	0.34	2	2	0	1200	1200	0
1/10/2024 10:55	52501 PROG_T1	0	0	0	0	0	0	0.3	0.29	1	1	0	300	300	0
1/10/2024 10:55	67503 WEWI_T2	0	0	0	0	0	0	-0.2	-0.29	0	0	0	0	0	0
1/10/2024 10:56	61801 EELI_T2	0	0	0	0	0	0	-0.41	-0.37	0	0	0	0	0	0
1/10/2024 10:57	61703 ELIZ_T1	0	51	51	0	0.15	0.15	-5.47	-5.62	4	4	0	4200	4200	0
1/10/2024 10:58	61701 ELIZ_T1	1	1	0	4.7	5.1	0.4	0	0	0	0	0	0	0	0
1/10/2024 10:58	40101 HUNT_T2	27	108	81	0.4	0.45	0.05	-0.53	-0.38	0	0	0	0	0	0
1/10/2024 10:59	46901 MNTG_T2	1	0	-1	0.2	0	-0.2	0.59	0.69	1	1	0	1200	1200	0
1/10/2024 10:59	46901 MNTG_T2	1	0	-1	0.2	0	-0.2	0.59	0.69	1	1	0	1200	1200	0
1/10/2024 10:59	46001 BERW_T1	0	0	0	0	0	0	-0.18	-0.17	0	0	0	0	0	0
1/10/2024 10:59	61703 ELIZ_T1	0	51	51	0	0.15	0.15	-2.74	-2.81	2	2	0	2100	2100	0
1/10/2024 11:00	61703 ELIZ_T1	4	247	243	0.23	0.53	0.3	-2.74	-2.81	2	2	0	2100	2100	0
1/10/2024 11:00	46001 BERW_T1	0	0	0	0	0	0	-0.18	-0.17	0	0	0	0	0	0
1/10/2024 11:01	42903 MIDD_T2	0	0	0	0	0	0	0.45	0.49	1	1	0	1200	1200	0
1/10/2024 11:01	60604 NCOL_T2	0	0	0	0	0	0	0.22

1/10/2024 11:38	67901 WNHO_T2	0	0	0	0	0	0	0.44	0.34	1	1	0	900	900	0
1/10/2024 11:38	44301 BEAV_T2	0	0	0	0	0	0	1.1	0.68	6	6	0	4500	4500	0
1/10/2024 11:38	20403 ASHF_T2	0	0	0	0	0	0	0.24	0.2	0	0	0	0	0	0
1/10/2024 11:38	57401 SPAN_T1	0	0	0	0	0	0	-2.08	-2.08	2	2	0	1200	1200	0
1/10/2024 11:38	55105 WERT_T1	0	0	0	0	0	0	-0.52	-0.53	1	1	0	900	900	0
1/10/2024 11:38	16302 ALPA_T2	0	0	0	0	0	0	0.71	0.7	0	0	0	0	0	0
1/10/2024 11:39	44301 BEAV_T2	0	0	0	0	0	0	0.73	0.45	4	4	0	3000	3000	0
1/10/2024 11:39	57401 SPAN_T1	0	0	0	0	0	0	3.12	3.03	3	3	0	1800	1800	0
1/10/2024 11:40	16302 ALPA_T2	0	0	0	0	0	0	1.4	1.4	0	0	0	0	0	0
1/10/2024 11:40	61306 EARL_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1/10/2024 11:40	20403 ASHF_T2	0	0	0	0	0	0	0.24	0.2	0	0	0	0	0	0
1/10/2024 11:41	61306 EARL_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1/10/2024 11:41	61102 BERK_T5	0	0	0	0	0	0	1	0.99	1	1	0	300	300	0
1/10/2024 11:43	52403 GRPA_T2	3	3	0	0.8	0.8	0	0.23	0.24	0	0	0	0	0	0
1/10/2024 11:44	52403 GRPA_T2	3	3	0	0.8	0.8	0	0.11	0.12	0	0	0	0	0	0
1/10/2024 11:44	52403 GRPA_T2	3	3	0	0.8	0.8	0	0.11	0.12	0	0	0	0	0	0
1/10/2024 11:45	52403 GRPA_T2	1	5	4	2	0.7	-1.3	0	0	0	0	0	0	0	0
1/10/2024 11:46	46903 MNTG_T2	3	11	8	0.1	0.1	0	-0.23	-0.24	3	3	0	1800	1800	0
1/10/2024 11:48	46903 MNTG_T2	3	11	8	0.1	0.1	0	-0.15	-0.16	2	2	0	1200	1200	0
1/10/2024 11:49	46903 MNTG_T2	3	11	8	0.1	0.1	0	-0.08	-0.08	1	1	0	600	600	0
1/10/2024 11:49	59302 MCAL_T1	1	0	-1	0.4	0	-0.4	-0.03	-0.03	1	1	0	600	600	0
1/10/2024 11:49	66504 SMAN_T2	0	0	0	0	0	0	-0.43	-0.39	0	0	0	0	0	0
1/10/2024 11:50	66504 SMAN_T2	0	0	0	0	0	0	-0.86	-0.78	0	0	0	0	0	0
1/10/2024 11:51	53901 HALI_T2	1	3	2	0.3	0.33	0.03	-1.1	-1.04	0	0	0	0	0	0
1/10/2024 11:52	49804 UNIV_T1	3	3	0	3.87	3.13	-0.74	0	0	0	0	0	0	0	0
1/10/2024 11:52	53903 HALI_T2	2	2	0	0.8	0.9	0.1	0	0	0	0	0	0	0	0
1/10/2024 11:52	46901 MNTG_T2	0	0	0	0	0	0	0.32	0.23	1	1	0	1200	1200	0
1/10/2024 11:53	55002 NEWP_T1	4	6	2	0.73	0.4	-0.33	0	0	0	0	0	0	0	0
1/10/2024 11:53	53903 HALI_T2	2	2	0	0.8	0.9	0.1	0	0	0	0	0	0	0	0
1/10/2024 11:53	44301 BEAV_T2	0	0	0	0	0	0	0.23	-0.71	2	2	0	1500	1500	0
1/10/2024 11:54	55105 WERT_T1	0	0	0	0	0	0	-0.5	-0.56	1	1	0	900	900	0
1/10/2024 11:54	53903 HALI_T2	2	2	0	0.8	0.9	0.1	0	0	0	0	0	0	0	0
1/10/2024 11:54	20403 ASHF_T2	0	0	0	0	0	0	0.4	0.5	0	0	0	0	0	0
1/10/2024 11:54	55002 NEWP_T1	4	6	2	0.73	0.4	-0.33	0	0	0	0	0	0	0	0
1/10/2024 11:54	67901 WNHO_T2	0	0	0	0	0	0	0.32	0.31	1	1	0	900	900	0
1/10/2024 11:54	44301 BEAV_T2	0	0	0	0	0	0	0.68	-2.12	6	6	0	4500	4500	0
1/10/2024 11:55	44301 BEAV_T2	0	0	0	0	0	0	0.45	-1.42	4	4	0	3000	3000	0
1/10/2024 11:55	55002 NEWP_T1	4	6	2	0.73	0.4	-0.33	0	0	0	0	0	0	0	0
1/10/2024 11:56	53901 HALI_T2	1	3	2	0.3	0.33	0.03	-0.52	-0.52	0	0	0	0	0	0
1/10/2024 11:56	44301 BEAV_T2	0	0	0	0	0	0	0.23	-0.71	2	2	0	1500	1500	0
1/10/2024 11:56	61306 EARL_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1/10/2024 11:58	20403 ASHF_T2	0	0	0	0	0	0	0.2	0.25	0	0	0	0	0	0
1/10/2024 12:02	20403 ASHF_T2	0	0	0	0	0	0	0.2	0.25	0	0	0	0	0	0
1/10/2024 12:02	61102 BERK_T5	0	0	0	0	0	0	0.99	0.96	1	1	0	300	300	0
1/10/2024 12:03	55002 NEWP_T1	5	5	0	0.4	0.48	0.08	0	0	0	0	0	0	0	0
1/10/2024 12:04	42903 MIDD_T2	0	0	0	0	0	0	0.27	-0.4	1	1	0	1200	1200	0
1/10/2024 12:05	45702 LIND_T2	1	1	0	1.9	2	0.1	-0.43	-0.47	0	0	0	0	0	0
1/10/2024 12:05	59301 MCAL_T1	2	2	0	0.4	0.3	-0.1	0	0	0	0	0	0	0	0
1/10/2024 12:05	55002 NEWP_T1	5	5	0	0.4	0.48	0.08	0	0	0	0	0	0	0	0
1/10/2024 12:07	64802 MONE_T2	0	0	0	0	0	0	-0.01	-0.01	0	0	0	0	0	0
1/10/2024 12:13	49803 UNIV_T1	0	0	0	0	0	0	-0.99	-0.96	0	0	0	0	0	0
1/10/2024 12:14	20403 ASHF_T2	0	0	0	0	0	0	0.25	0.2	0	0	0	0	0	0
1/10/2024 12:15	55105 WERT_T1	0	0	0	0	0	0	-0.56	-0.52	1	1	0	900	900	0
1/10/2024 12:17	46004 BERW_T2	0	0	0	0	0	0	-0.32	-0.28	0	0	0	0	0	0
1/10/2024 12:18	61802 EELI_T2	0	0	0	0	0	0	-0.37	-0.36	0	0	0	0	0	0
1/10/2024 12:20	52403 GRPA_T2	3	2	-1	0.3	1.5	1.2	0.09	0.06	0	0	0	0	0	0
1/10/2024 12:26	40603 PGR_T1	0	0	0	0	0	0	0.47	0.39	0	0	0	0	0	0
1/10/2024 12:26	41502 FAIR_T2	0	0	0	0	0	0	-1.62	-1.63	1	1	0	900	900	0
1/10/2024 12:28	61304 EARL_T1	0	1	1	0	0	0	0	0	0	0	0	0	0	0
1/10/2024 12:30	67901 WNHO_T2	0	0	0	0	0	0	0.06	0.05	1	1	0	900	900	0
1/10/2024 12:34	61703 ELIZ_T1	17	23	6	0.11	0.15	0.04	-2.73	-2.72	2	2	0	2100	2100	0
1/10/2024 12:35	59101 WALK_T2	1	1	0	0	0	0	0	0	0	0	0	0	0	0
1/10/2024 12:42	65001 NEFF_T2	0	0	0	0	0	0	-0.6	-0.53	1	1	0	1200	1200	0
1/10/2024 12:52	39601 LNFD_T1	0	4	4	0	0.25	0.25	0	0	0	1	1	0	900	900
1/10/2024 12:53	65001 NEFF_T2	0	0	0	0	0	0	-0.6	-0.53	1	1	0	1200	1200	0
1/10/2024 12:55	65001 NEFF_T2	0	0	0	0	0	0	-0.53	-0.64	1	1	0	1200	1200	0
1/10/2024 13:08	39601 LNFD_T1	4	4	0	0.25	0	-0.25	0	0	1	1	0	900	900	0
1/10/2024 13:17	53903 HALI_T2	2	2	0	0.85	0.6	-0.25	0	0	0	0	0	0	0	0
1/10/2024 13:24	20403 ASHF_T2	0	0	0	0	0	0	0.2	0.21	0	0	0	0	0	0
1/10/2024 13:26	61102 BERK_T5	0	0	0	0	0	0	1.06	0.99	1	1	0	300	300	0
1/10/2024 13:27	11104 EGYP_T1	0	6	6	0	0.22	0.22	0.67	0.68	0	0	0	0	0	0
1/10/2024 13:28	59101 WALK_T2	1	1	0	0	0	0	0	0	0	0	0	0	0	0
1/10/2024 13:29	11104 EGYP_T1	0	6	6	0	0.22	0.22	1.34	1.36	0	0	0	0	0	0
1/10/2024 13:42	65002 NEFF_T2	0	1	1	0	0	0	0	0	0	0	0	0	0	0
1/10/2024 13:43	57403 SPAN_T1	0	0	0	0	0	0	0.12	0.09	0	0	0	0	0	0
1/10/2024 13:50	66504 SMAN_T2	0	0	0	0	0	0	-0.32	-0.34	0	0	0	0	0	0
1/10/2024 13:51	66504 SMAN_T2	0	0	0	0	0	0	-0.64	-0.68	0	0	0	0	0	0
1/10/2024 13:52	46004 BERW_T2	0	2	2	0	0	0	-0.31	-0.34	0	0	0	0	0	0
1/10/2024 13:52	49803 UNIV_T1	0	0	0	0	0	0	-0.96	-0.97	0	0	0	0	0	0
1/10/2024 14:06	66505 SMAN_T2	1	2	1	0.1	0.15	0.05	0	0	0	0	0	0	0	0
1/10/2024 14:06	67503 WEWI_T2	0	0	0	0	0	0	-0.31	-0.22	0	0	0	0	0	0
1/10/2024 14:06	59101 WALK_T2	2	1	-1	0.3	0	-0.3	0.32	-0.24	2	2	0	1200	1200	0
1/10/2024 14:07	46004 BERW_T2	0	2	2	0	0.85	0.85	-0.34	-0.35	0	0	0	0	0	0
1/10/2024 14:07	46001 BERW_T1	0	0	0	0	0	0	1.04	1.04	0	0	0	0	0	0
1/10/2024 14:07	67503 WEWI_T2	0	0	0	0	0	0	-0.31	-0.22	0	0	0	0	0	0
1/10/2024 14:08	67502 WEWI_T2	0	0	0	0	0	0	-0.1	-0.09	0	0	0	0	0	0
1/10/2024 14:08	67503 WEWI_T2	0	0	0	0	0	0	-0.31	-0.22	0	0	0	0	0	0
1/10/2024 14:08	46004 BERW_T2	0	2	2	0	0.85	0.85	-0.35	-0.3	0	0	0	0	0	0
1/10/2024 14:08	41601 CLEV_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1/10/2024 14:09	46206 DANV_T2	0	0	0	0	0	0	2.2	2.15	1	1	0	1200	1200	0
1/10/2024 14:09	67502 WEWI_T2	0	0	0	0	0	0	-0.09	-0.11	0	0	0	0	0	0
1/10/2024 14:09	67502 WEWI_T2	0	0	0	0	0	0	-0.09	-0.11	0	0	0	0	0	0
1/10/2024 14:09	60101 COCA_T1	0	0	0	0	0	0	0.37	0.41	0	0	0	0	0	0
1/10/2024 14:09	46203 DANV_T2	0	0	0	0	0	0	-1.47	-1.53	0	0	0	0	0	0
1/10/2024 14:10	46206 DANV_T2	0	0	0	0	0	0	2.2	2.15	1	1	0	1200	1200	0
1/10/2024 14:10	45501 DERR_T2	0	0	0	0	0	0	1.4	1.29	4	4	0	3600	3600	0
1/10/2024 14:10	46203 DANV_T2	0	0	0	0	0	0	-0.73	-0.76	0	0	0	0	0	0
1/10/2024 14:10	67503 WEWI_T2	0	0	0	0	0	0	-0.22	-0.27	0	0	0	0	0	0
1/10/2024 14:10	67503 WEWI_T2	0	0	0	0	0	0	-0.22	-0.27	0	0	0	0	0	0
1/10/2024 14:10	46001 BERW_T1	0	0	0	0	0	0	2.07	2.07	0	0	0	0	0	0
1/10/2024 14:11	60101 COCA_T1	0	0	0	0	0	0	0.37	0.41	0	0	0	0	0	0
1/10/2024 14:11	66504 SMAN_T2	0	0	0	0	0	0	-0.46	-0.68	0	0	0	0	0	0
1/10/2024 14:11	67502 WEWI_T2	0	0	0	0	0	0	-0.09	-0.11	0	0	0	0	0	0
1/10/2024 14:11	67502 WEWI_T2	0	0	0	0	0	0	-0.09	-0.11	0	0	0	0	0	0
1/10/2024 14:12	46206 DANV_T2	0	0	0	0	0	0	2.2	2.15	1	1	0	1200	1200	0
1/10/2024 14:12	63401 HONY_T1	0	0	0	0	0	0	0.8	0.8	0	0	0	0	0	0
1/10/2024 14:12	41601 CLEV_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1/10/2024 14:13	59003 MIFF_T1	0	0	0	0	0	0	-0.97	-0.18	0	0	0	0	0	0
1/10/2024 14:14	59003 MIFF_T1	0	0	0	0	0	0	-0.97	-0.18	0	0	0	0	0	0
1/10/2024 14:14	67503 WEWI_T2	0	0	0	0	0	0	-0.22	-0.27	0	0	0	0	0	0
1/10/2024 14:14	64204 KINZ_T1	0	1	1	0	0.6	0.6	0	0	0	0	0	0	0	0
1/10/2024 14:15	64203 KINZ_T1	0	1	1	0	0	0	0	0	0	0	0	0	0	0
1/10/2024 14:15	46903 MNTG_T2	0	0	0	0	0	0	0.1	0.2	1	1	0	600	600	0
1/10/2024 14:16	59101 WALK_T2	1	1	0	0	0	0	-0.12	1.27	1	1	0	600	600	0
1/10/2024 14:16	39601 LNFD_T1	0	0	0	0	0	0	0	0	1	1	0	900	900	0
1/10/2024 14:16	45702 LIND_T2	1	1	0	1.8	1.3	-0.5	-0.45	-0.45	0	0	0	0	0	0
1/10/2024 14:16	59003 MIFF_T1	0	1	1	0	0.1	0.1	-2.91	-0.55	0	0	0	0	0	0
1/10/2024 14:17	46302 ROHR_T1	165	177	12	0.72	0.72	0	0	0	0	0	0	0	0	0
1/10/2024 14:17	59003 MIFF_T1	0	1	1	0	0.1	0.1	-0.97	-0.18	0	0	0	0	0	0
1/10/2024 14:17	46901 MNTG_T2	0	0	0	0	0	0	0.47	0.27	1	1	0	1200	1200	0
1/10/2024 14:18	47401 PENS_T1	0	0	0	0	0	0	0.97	0.92	0	0	0	0	0	0
1/10/2024 14:18	64204 KINZ_T1	0	1	1	0	0.6	0.6	0	0	0	0	0	0	0	0
1/10/2024 14:19	47401 PENS_T1	0	0	0	0	0	0	1.94	1.85	0	0	0	0	0	0
1/10/2024 14:19	53903 HALI_T2	2	2	0	0.7	0.8	0.1	-0.23	-0.24	0	0	0	0	0	0
1/10/2024 14:19	16402 MOPO_T1	0	0	0	0	0	0	0.2	0.18	0	0	0	0	0	0
1/10/2024 14:19	46903 MNTG_T2	0	0	0	0	0	0	0.1	0.2	1	1	0	600	600	0
1/10/2024 14:20	64204 KINZ_T1	0	1	1	0	0.6	0.6	0	0	0	0	0	0	0	0
1/10/2024 14:20	54601 SUMM_T2	2	2	0	0.15	0.45	0.3	-3.59	-3.59	4	4	0	4200	4200	0
1/10/2024 14:20	53903 HALI_T2	2	2	0	0.7	0.8	0.1	0	0	0	0	0	0	0	0
1/10/2024 14:20	55002 NEWP_T1	6	6	0	1.32	1.55	0.23	-0.88	-0.92	0	0	0	0	0	0
1/10/2024 14:21	54601 SUMM_T2	2	2	0	0.15	0.45	0.3	-1.8	-1.79	2	2	0	2100	2100	0
1/10/2024 14:21	67001 STHI_T2	292	449	157	0.15	0.19	0.04	0	0	0	0	0	0	0	0
1/10/2024 14:21	46004 BERW_T2	2	2	0	0.85	0.55	-0.3	-0.35	-0.3	0	0	0	0	0	0
1/10/2024 14:21	53901 HALI_T2	0	1	1	0	0.2	0.2	0	0	0	0	0	0	0	0
1/10/2024 14:22	43402 BENT_T1	0	0	0	0	0	0	-0.91	-0.93	1	1	0	900	900	0
1/10/2024 14:22	67001 STHI_T2	292	449	157	0.15	0.19	0.04	0	0	0	0	0	0	0	0
1/10/2024 14:22	53901 HALI_T2	0	1	1	0	0.2	0.2	0	0	0	0	0	0	0	0
1/10/2024 14:22	46301 ROHR_T1	174	222	48	0.37	0.39	0.02	0.27	0.26	0	0	0	0	0	0
1/10/2024 14:22	54206 PENN_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1/10/2024 14:22	66504 SMAN_T2	0	0	0	0	0	0	-0.23	-0.34	0	0	0	0	0	0
1/10/2024 14:22	55002 NEWP_T1	6	6	0	1.32	1.55	0.23	-0.22	-0.23	0	0	0	0	0	0
1/10/2024 14:23	55002 NEWP_T1	6	6	0	1.32	1.55	0.23	-0.22	-0.23	0	0	0	0	0	0
1/10/2024 14:23	67503 WEWI_T2	0	0	0	0	0	0	-0.22	-0.27	0	0	0	0	0	0
1/10/2024 14:23	54601 SUMM_T2	2	2	0	0.15	0.45	0.3	-1.8	-1.79	2	2	0	2100	2100	0
1/10/2024 14:23	43402 BENT_T1	0	0	0	0	0	0	-0.91	-0.93	1	1	0	900	900	0
1/10/2024 14:24	60803 BUCK_T1	0	0	0	0	0	0	-0.47	-0.49	0	0	0	0	0	0
1/10/2024 14:24	46206 DANV_T2	0	0	0	0	0	0	2.15	2.21	1	1	0	1200	1200	0
1/10/2024 14:24	54601 SUMM_T2	2	2	0	0.15	0.45	0.3	-1.79	-1.8	2	2	0	2100	2100	0
1/10/2024 14:24	67002 STHI_T2	21	52	31	0.13	0.15	0.02	1.22	1.24	0	0	0	0	0	0
1/10/2024 14:25	46203 DANV_T2	0	0	0	0	0	0	-1.53	-1.63	0	0	0	0	0	0
1/10/2024 14:25	46203 DANV_T2	0	0	0	0	0	0	-1.53	-1.63	0	0	0	0	0	0
1/10/2024 14:25	45501 DERR_T2	0	0	0	0	0	0	0.65	0.55	2	2	0	1800	1800	0
1/10/2024 14:25	43402 BENT_T1	0	0	0	0	0	0	-0.93	-0.94	1	1	0	900	900	0
1/10/2024 14:26	45501 DERR_T2	0	0	0	0	0	0	0.65	0.55	2	2	0	1800	1800	0
1/10/2024 14:27	60803 BUCK_T1	0	0	0	0	0	0	-0.94	-0.98	0	0	0	0	0	0
1/10/2024 14:29	59101 WALK_T2	1	1	0	0	0	0	1.27	1.14	1	1	0	600	600	0
1/10/2024 14:29	21301 JEFF_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1/10/2024 14:30	52102 MEIS_T1	0	1	1	0	6.5	6.5	0	0	1	1	0	450	450	0
1/10/2024 14:30	42902 MIDD_T2	0	0	0	0	0	0	-0.71	-0.66	1	1	0	600	600	0
1/10/2024 14:30	59101 WALK_T2	1	1	0	0	0	0	1.27	1.14	1	1	0	600	600	0
1/10/2024 14:31	46203 DANV_T2	0	0	0	0	0	0	-0.76	-0.81	0	0	0	0	0	0
1/10/2024 14:31	52101 MEIS_T1	1	1	0	0.3	0.8	0.5	0	0	0	0	0	0	0	0
1/10/2024 14:32	52102 MEIS_T1	0	1	1	0	6.5	6.5	0	0	2	2	0	900	900	0
1/10/2024 14:32	46903 MNTG_T2	0	17	17	0	0.13	0.13	0.2	0.12	1	1	0	600	600	0
1/10/2024 14:32	59101 WALK_T2	1	1	0	0	0	0	3.81	3.42	3	3	0	1800	1800	0
1/10/2024 14:32	45702 LIND_T2	1	1	0	1.1	1.4	0.3	-0.45	-0.42	0	0	0	0	0	0
1/10/2024 14:33	46301 ROHR_T1	193	222	29	0.36	0.38	0.02	0.26	0.28	0	0	0	0	0	0
1/10/2024 14:33	65004 NEFF_T2	0	1	1	0	0	0	0	0	0	0	0	0	0	0
1/10/2024 14:34	55002 NEWP_T1	6	6	0	1.38	1.43	0.05	-0.23	-0.2	0	0	0	0	0	0
1/10/2024 14:34	52101 MEIS_T1	1	1	0	0.3	0.8	0.5	0	0	0	0	0	0	0	0
1/10/2024 14:34	57403 SPAN_T1	0	0	0	0	0	0	0.15	0.14	0	0	0	0	0	0
1/10/2024 14:34	60803 BUCK_T1	0	0	0	0	0	0	-0.47	-0.49	0	0	0	0	0	0
1/10/2024 14:35	46301 ROHR_T1	193	222	29	0.36	0.38	0.02	0	0	0	0	0	0	0	0
1/10/2024 14:35	55002 NEWP_T1	6	6	0	1.38	1.43	0.05	-0.23	-0.2	0	0	0	0	0	0
1/10/2024 14:35	44601 SALE_T2	0	0	0	0	0	0	0.45	0.66	1	1	0	600	600	0
1/10/2024 14:35	57401 SPAN_T1	0	0	0	0	0	0	-1.62	-1.55	2	2	0	1200	1200	0
1/10/2024 14:35	67002 STHI_T2	45	63	18	0.14	0.16	0.02	0.61	0.62	0	0	0	0	0	0
1/10/2024 14:36	67002 STHI_T2	45	63	18	0.14	0.16	0.02	1.22	1.24	0	0	0	0	0	0
1/10/2024 14:36	57401 SPAN_T1	0	0	0	0	0	0	-0

Appendix C - Grid Benefits Achieved in Each Instance of Active Management

1/10/2024 14:45	46901 MNTG_T2	0	0	0	0	0	0	0.41	0.25	1	1	0	1200	1200	0
1/10/2024 14:46	59003 MIFF_T1	1	0	-1	0.1	0	-0.1	-1.74	-1.9	0	0	0	0	0	0
1/10/2024 14:46	52101 MEIS_T1	1	1	0	0.6	0.8	0.2	0	0	0	0	0	0	0	0
1/10/2024 14:46	42902 MIDD_T2	0	0	0	0	0	0	-0.66	-0.69	1	1	0	600	600	0
1/10/2024 14:46	40101 HUNT_T2	13	67	54	0.5	0.29	-0.21	-0.31	-0.38	0	0	0	0	0	0
1/10/2024 14:46	52403 GRPA_T2	2	3	1	3.45	1.33	-2.12	0.3	0.26	0	0	0	0	0	0
1/10/2024 14:47	46903 MNTG_T2	0	18	18	0	0.13	0.13	0.12	-0.04	1	1	0	600	600	0
1/10/2024 14:47	59003 MIFF_T1	1	0	-1	0.1	0	-0.1	-0.87	-0.95	0	0	0	0	0	0
1/10/2024 14:48	52102 MEIS_T1	1	1	0	6.5	0	-6.5	0	0	1	1	0	450	450	0
1/10/2024 14:48	46903 MNTG_T2	0	18	18	0	0.13	0.13	0.12	-0.04	1	1	0	600	600	0
1/10/2024 14:48	52403 GRPA_T2	5	5	0	1.18	1.02	-0.16	0	0	0	0	0	0	0	0
1/10/2024 14:48	45802 HEGI_T2	1	0	-1	0.2	0	-0.2	0.9	0.69	0	0	0	0	0	0
1/10/2024 14:49	46903 MNTG_T2	0	18	18	0	0.13	0.13	0.12	-0.04	1	1	0	600	600	0
1/10/2024 14:49	55002 NEWP_T1	6	6	0	1.43	1.3	-0.13	-0.2	-0.2	0	0	0	0	0	0
1/10/2024 14:50	41901 REED_T1	5	11	6	0.26	0.32	0.06	0	0	0	0	0	0	0	0
1/10/2024 14:50	60803 BUCK_T1	0	0	0	0	0	0	-0.49	-0.49	0	0	0	0	0	0
1/10/2024 14:51	55002 NEWP_T1	6	6	0	1.43	1.3	-0.13	-0.6	-0.6	0	0	0	0	0	0
1/10/2024 14:52	52403 GRPA_T2	2	3	1	3.45	1.33	-2.12	0.15	0.13	0	0	0	0	0	0
1/10/2024 14:52	41902 REED_T1	0	2	2	0	0	0	1.16	1.11	0	0	0	0	0	0
1/10/2024 14:52	65901 SAKR_T2	1	1	0	8.2	8.5	0.3	-1.14	-1.13	1	1	0	900	900	0
1/10/2024 14:52	56802 BENV_T2	2	3	1	0.35	0.23	-0.12	-0.64	-0.65	0	0	0	0	0	0
1/10/2024 14:53	52101 MEIS_T1	1	1	0	0.6	0.8	0.2	0	0	0	0	0	0	0	0
1/10/2024 14:53	60803 BUCK_T1	0	0	0	0	0	0	-0.49	-0.49	0	0	0	0	0	0
1/10/2024 14:53	60201 ATGL_T2	0	0	0	0	0	0	0.41	0.34	1	1	0	300	300	0
1/10/2024 14:53	65901 SAKR_T2	1	1	0	8.2	8.5	0.3	-1.14	-1.13	1	1	0	900	900	0
1/10/2024 14:54	56801 BENV_T1	23	23	0	1.17	1.13	-0.04	-0.7	-0.71	1	1	0	600	600	0
1/10/2024 14:55	27101 GFLD_T2	0	0	0	0	0	0	0.31	0.28	0	0	0	0	0	0
1/10/2024 14:55	56802 BENV_T2	2	3	1	0.35	0.23	-0.12	-1.3	-1.28	0	0	0	0	0	0
1/10/2024 14:56	56802 BENV_T2	2	3	1	0.35	0.23	-0.12	-0.65	-0.64	0	0	0	0	0	0
1/10/2024 14:56	46206 DANV_T2	0	0	0	0	0	0	2.25	2.25	1	1	0	1200	1200	0
1/10/2024 14:56	56803 BENV_T1	0	1	1	0	0	0	0	0	0	0	0	0	0	0
1/10/2024 14:57	46203 DANV_T2	0	0	0	0	0	0	-1.57	-1.55	0	0	0	0	0	0
1/10/2024 14:57	56802 BENV_T2	2	3	1	0.35	0.23	-0.12	-1.95	-1.92	0	0	0	0	0	0
1/10/2024 14:57	46203 DANV_T2	0	0	0	0	0	0	-1.57	-1.55	0	0	0	0	0	0
1/10/2024 15:00	40101 HUNT_T2	19	79	60	0.33	0.38	0.05	-0.38	-0.33	0	0	0	0	0	0
1/10/2024 15:01	40902 JESH_T1	0	0	0	0	0	0	-0.65	-0.74	0	0	0	0	0	0
1/10/2024 15:03	52402 GRPA_T2	5	4	-1	1	1.18	0.18	0	0	0	0	0	0	0	0
1/10/2024 15:04	49804 UNIV_T1	3	5	2	0.77	3.33	2.56	0.44	0.39	0	0	0	0	0	0
1/10/2024 15:05	67204 TEHI_T2	0	0	0	0	0	0	0	-0.03	0	0	0	0	0	0
1/10/2024 15:06	55101 WERT_T1	0	0	0	0	0	0	-1.11	-0.92	2	2	0	1500	1500	0
1/10/2024 15:07	55002 NEWP_T1	6	6	0	1.15	1.2	0.05	-0.2	-0.22	0	0	0	0	0	0
1/10/2024 15:08	67901 WNHO_T2	0	0	0	0	0	0	-0.03	-0.12	1	1	0	900	900	0
1/10/2024 15:10	55101 WERT_T1	0	0	0	0	0	0	-0.92	-0.92	2	2	0	1500	1500	0
1/10/2024 15:10	29402 BELT_T1	1	1	0	6.6	6.5	-0.1	0	0	0	0	0	0	0	0
1/10/2024 15:10	61306 EARL_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1/10/2024 15:11	61306 EARL_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1/10/2024 15:13	61101 BERK_T5	0	0	0	0	0	0	-0.69	-0.79	0	0	0	0	0	0
1/10/2024 15:14	52402 GRPA_T2	5	4	-1	1	1.18	0.18	0	0	0	0	0	0	0	0
1/10/2024 15:14	67702 WERN_T2	0	0	0	0	0	0	-0.02	-0.02	0	0	0	0	0	0
1/10/2024 15:15	59101 WALK_T2	1	1	0	0	0	0	1.35	1.41	1	1	0	600	600	0
1/10/2024 15:16	67702 WERN_T2	168	84	-84	1.93	0.59	-1.34	-0.01	-0.01	0	0	0	0	0	0
1/10/2024 15:17	46901 MNTG_T2	0	0	0	0	0	0	0.5	0.4	1	1	0	1200	1200	0
1/10/2024 15:17	49803 UNIV_T1	0	1	1	0	0	0	-0.94	-0.96	0	0	0	0	0	0
1/10/2024 15:18	61101 BERK_T5	0	0	0	0	0	0	-0.69	-0.79	0	0	0	0	0	0
1/10/2024 15:19	60801 BUCK_T1	0	0	0	0	0	0	-0.64	-0.61	1	1	0	600	600	0
1/10/2024 15:19	57401 SPAN_T1	0	0	0	0	0	0	-0.79	-0.79	1	1	0	600	600	0
1/10/2024 15:20	41901 REED_T1	7	8	1	0.53	0.5	-0.03	0	0	0	0	0	0	0	0
1/10/2024 15:20	57401 SPAN_T1	0	0	0	0	0	0	-0.79	-0.79	1	1	0	600	600	0
1/10/2024 15:22	41901 REED_T1	7	8	1	0.53	0.5	-0.03	0	0	0	0	0	0	0	0
1/10/2024 15:23	57401 SPAN_T1	0	0	0	0	0	0	-0.79	-0.79	1	1	0	600	600	0
1/10/2024 15:25	11104 EGYP_T1	1	0	-1	0.2	0	-0.2	0.68	0.68	0	0	0	0	0	0
1/10/2024 15:25	57401 SPAN_T1	0	0	0	0	0	0	-0.79	-0.74	1	1	0	600	600	0
1/10/2024 15:25	55105 WERT_T1	0	0	0	0	0	0	-0.51	-0.52	1	1	0	900	900	0
1/10/2024 15:28	11104 EGYP_T1	1	0	-1	0.2	0	-0.2	0.68	0.68	0	0	0	0	0	0
1/10/2024 15:28	64201 KINZ_T1	1	0	-1	0.1	0	-0.1	-0.55	-0.59	3	3	0	1500	1500	0
1/10/2024 15:32	49803 UNIV_T1	0	1	1	0	0	0	-0.96	-0.99	0	0	0	0	0	0
1/10/2024 15:32	64201 KINZ_T1	0	120	120	0	0.2	0.2	-0.55	-0.59	3	3	0	1500	1500	0
1/10/2024 15:33	64101 REFR_T1	0	0	0	0	0	0	-0.02	-0.04	0	0	0	0	0	0
1/10/2024 15:34	57401 SPAN_T1	0	0	0	0	0	0	-0.79	-0.74	1	1	0	600	600	0
1/10/2024 15:35	57401 SPAN_T1	0	0	0	0	0	0	-0.79	-0.74	1	1	0	600	600	0
1/10/2024 15:36	57401 SPAN_T1	0	0	0	0	0	0	-1.58	-1.48	2	2	0	1200	1200	0
1/10/2024 15:39	16402 MOPO_T1	0	0	0	0	0	0	0.15	0.2	0	0	0	0	0	0
1/10/2024 15:43	65001 NEFF_T2	0	0	0	0	0	0	-0.85	-0.71	1	1	0	1200	1200	0
1/10/2024 15:45	61101 BERK_T5	0	0	0	0	0	0	-0.8	-0.81	0	0	0	0	0	0
1/10/2024 15:48	46903 MNTG_T2	13	1	-12	0.12	0.1	-0.02	-0.12	-0.17	1	1	0	600	600	0
1/10/2024 15:50	67204 TEHI_T2	0	0	0	0	0	0	-0.02	-0.02	0	0	0	0	0	0
1/10/2024 15:52	40603 PIGR_T1	0	0	0	0	0	0	0.37	0.37	0	0	0	0	0	0
1/10/2024 15:52	67204 TEHI_T2	0	0	0	0	0	0	-0.02	-0.02	0	0	0	0	0	0
1/10/2024 15:55	45501 DERR_T2	0	0	0	0	0	0	0.57	0.28	2	2	0	1800	1800	0
1/10/2024 15:55	67901 WNHO_T2	0	0	0	0	0	0	-0.13	-0.33	1	1	0	900	900	0
1/10/2024 16:09	56802 BENV_T2	0	0	0	0	0	0	-0.59	-0.62	0	0	0	0	0	0
1/10/2024 16:09	45501 DERR_T2	0	0	0	0	0	0	0.28	0.37	2	2	0	1800	1800	0
1/10/2024 16:10	40502 CRES_T2	3	1	-2	0.13	0.1	-0.03	-0.08	-0.08	0	0	0	0	0	0
1/10/2024 16:24	40505 CRES_T1	0	0	0	0	0	0	0.42	0.37	0	0	0	0	0	0
1/10/2024 16:24	14403 SSLA_T1	0	0	0	0	0	0	0.9	0.89	0	0	0	0	0	0
1/10/2024 16:26	40505 CRES_T1	0	0	0	0	0	0	1.25	1.11	0	0	0	0	0	0
1/10/2024 16:28	40505 CRES_T1	0	0	0	0	0	0	0.42	0.37	0	0	0	0	0	0
1/10/2024 16:30	40505 CRES_T1	0	0	0	0	0	0	0.42	0.37	0	0	0	0	0	0
1/10/2024 16:34	49804 UNIV_T1	3	3	0	3.57	3.73	0.16	0	0	0	0	0	0	0	0
1/10/2024 16:36	65001 NEFF_T2	0	0	0	0	0	0	-0.77	-0.69	1	1	0	1200	1200	0
1/10/2024 16:45	54504 ENOL_T2	0	1	1	0	0	0	0	0	0	0	0	0	0	0
1/10/2024 16:46	47101 MARL_T1	6	57	51	0.83	0.84	0.01	-0.46	-1.59	0	1	1	0	600	600
1/10/2024 16:47	53903 HALI_T2	2	2	0	0.5	1.1	0.6	0	0	0	0	0	0	0	0
1/10/2024 16:48	47101 MARL_T1	6	57	51	0.83	0.84	0.01	-0.91	-3.18	0	2	2	0	1200	1200
1/10/2024 16:50	53901 HALI_T2	0	1	1	0	0.2	0.2	-0.34	-0.4	0	0	0	0	0	0
1/10/2024 16:54	47101 MARL_T1	6	57	51	0.83	0.84	0.01	-3.18	-2.96	2	2	0	1200	1200	0
1/10/2024 16:56	47101 MARL_T1	6	57	51	0.83	0.84	0.01	-1.59	-1.48	1	1	0	600	600	0
1/10/2024 17:29	42701 AUGU_T1	1	1	0	0	0.1	0.1	0	0	1	1	0	600	600	0
1/10/2024 17:32	45402 WBLO_T2	0	0	0	0	0	0	-0.64	-0.62	0	0	0	0	0	0
1/10/2024 17:39	65001 NEFF_T2	0	0	0	0	0	0	-0.78	-0.82	1	1	0	1200	1200	0
1/10/2024 17:39	42701 AUGU_T1	71	54	-17	2.05	0.55	-1.5	0	0	1	1	0	600	600	0
1/10/2024 17:46	60803 BUCK_T1	4	0	-4	0.33	0	-0.33	-0.43	-0.44	0	0	0	0	0	0
1/10/2024 18:14	54502 ENOL_T2	0	0	0	0	0	0	-1.87	-1.9	1	1	0	600	600	0
1/10/2024 18:15	65001 NEFF_T2	0	0	0	0	0	0	-0.68	-0.76	1	1	0	1200	1200	0
1/10/2024 18:20	27101 GFLD_T2	0	0	0	0	0	0	0.36	0.37	0	0	0	0	0	0
1/10/2024 18:22	29402 BELT_T1	1	1	0	7.6	7.7	0.1	0	0	0	0	0	0	0	0
1/10/2024 18:23	62607 ENGL_T1	0	0	0	0	0	0	-0.97	-0.99	1	1	0	300	300	0
1/10/2024 18:26	48901 FOSP_T2	0	0	0	0	0	0	-0.39	-0.41	1	1	0	600	600	0
1/10/2024 18:27	13503 MCMI_T2	14	26	12	0.44	0.46	0.02	0.32	0.31	0	0	0	0	0	0
1/10/2024 18:28	13503 MCMI_T2	14	26	12	0.44	0.46	0.02	0.32	0.31	0	0	0	0	0	0
1/10/2024 18:31	43201 MVIL_T2	35	35	0	0.72	0.71	-0.01	-1.17	-1.19	0	0	0	0	0	0
1/10/2024 18:31	13503 MCMI_T2	15	23	8	0.47	0.42	-0.05	0.32	0.31	0	0	0	0	0	0
1/10/2024 18:32	47001 HUGH_T2	0	0	0	0	0	0	-0.54	-0.55	0	0	0	0	0	0
1/10/2024 18:32	29402 BELT_T1	1	1	0	7.7	7.6	-0.1	0	0	0	0	0	0	0	0
1/10/2024 18:32	41801 GOCI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1/10/2024 18:33	46903 MNTG_T2	0	0	0	0	0	0	-0.19	-0.2	1	1	0	600	600	0
1/10/2024 18:33	52404 GRPA_T2	0	0	0	0	0	0	-0.01	-0.03	0	0	0	0	0	0
1/10/2024 18:33	53903 HALI_T2	3	2	-1	1.03	1.55	0.52	0	0	0	0	0	0	0	0
1/10/2024 18:33	61802 EELI_T2	0	0	0	0	0	0	-0.31	-0.34	0	0	0	0	0	0
1/10/2024 18:33	46001 BERW_T1	28	33	5	0.6	0.3	-0.3	1.01	1.01	0	0	0	0	0	0
1/10/2024 18:33	45501 DERR_T2	1	2	1	0.3	0.2	-0.1	0.35	0.39	2	2	0	1800	1800	0
1/10/2024 18:34	64201 KINZ_T1	115	339	224	0.24	0.43	0.19	0	0	0	0	0	0	0	0
1/10/2024 18:34	40101 HUNT_T2	152	150	-2	0.48	0.48	0	-0.65	-0.66	0	0	0	0	0	0
1/10/2024 18:34	52404 GRPA_T2	0	0	0	0	0	0	-0.01	-0.03	0	0	0	0	0	0
1/10/2024 18:35	52102 MEIS_T1	0	0	0	0	0	0	0	0	1	1	0	450	450	0
1/10/2024 18:35	61306 EARL_T1	1	4	3	0.1	0.15	0.05	0	0	0	0	0	0	0	0
1/10/2024 18:35	45501 DERR_T2	1	2	1	0.3	0.2	-0.1	0.35	0.39	2	2	0	1800	1800	0
1/10/2024 18:36	42903 MIDD_T2	2	2	0	0.4	0.6	0.2	0	0	0	0	0	0	0	0
1/10/2024 18:36	29402 BELT_T1	1	1	0	7.7	7.6	-0.1	0	0	0	0	0	0	0	0
1/10/2024 18:36	40602 PIGR_T1	0	0	0	0	0	0	-1.12	-1.16	1	1	0	600	600	0
1/10/2024 18:36	65001 NEFF_T2	0	0	0	0	0	0	-0.76	-0.84	1	1	0	1200	1200	0
1/10/2024 18:36	49804 UNIV_T1	4	5	1	2.78	2.56	-0.22	0	0	0	0	0	0	0	0
1/10/2024 18:36	46903 MNTG_T2	0	0	0	0	0	0	-0.19	-0.2	1	1	0	600	600	0
1/10/2024 18:36	67002 STHI_T2	20	26	6	0.14	0.14	0	0.61	0.61	0	0	0	0	0	0
1/10/2024 18:36	41801 GOCI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1/10/2024 18:37	46205 DANV_T2	0	1	1	0	0	0	0	0	0	0	0	0	0	0
1/10/2024 18:37	44301 BEAV_T2	0	1	1	0	0	0	-0.15	-0.17	1	1	0	600	600	0
1/10/2024 18:38	59302 MCAL_T1	0	1	1	0	0.1	0.1	-0.56	-0.58	1	1	0	600	600	0
1/10/2024 18:38	44903 SCOT_T1	0	0	0	0	0	0	-0.06	-0.06	0	0	0	0	0	0
1/10/2024 18:38	40603 PIGR_T1	0	0	0	0	0	0	0.44	0.43	0	0	0	0	0	0
1/10/2024 18:38	46903 MNTG_T2	0	0	0	0	0	0	-0.2	-0.22	1	1	0	600	600	0
1/10/2024 18:38	40502 CRES_T2	8	8	0	0.43	0.25	-0.18	-0.62	-0.65	0	0	0	0	0	0
1/10/2024 18:38	39601 LNFD_T1	6	11	5	0.32	0.13	-0.19	0	0	0	0	0	0	0	0
1/10/2024 18:38	44901 SCOT_T2	0	0	0	0	0	0	-0.97	-1.04	0	0	0	0	0	0
1/10/2024 18:38	53901 HALI_T2	1	13	12	0.3	0.18	-0.12	-0.45	-0.4	0	0	0	0	0	0
1/10/2024 18:38	61101 BERK_T5	0	0	0	0	0	0	-1.02	-1.04	0	0	0	0	0	0
1/10/2024 18:38	52402 GRPA_T2	6	15	9	0.63	0.72	0.09	0	0	0	0	0	0	0	0
1/10/2024 18:38	29402 BELT_T1	1	1	0	7.7	7.6	-0.1	0	0	0	0	0	0	0	0
1/10/2024 18:38	45802 HEGI_T2	0	10	10	0	0	0	1.12	0.69	1	1	0	300	300	0
1/10/2024 18:38	59101 WALK_T2	1	1	0	0	0	0	1.21	1.17	1	1	0	450	450	0
1/10/2024 18:39	46302 ROHR_T1	2	5	3	1.8	1.26	-0.54	0	0	0	0	0	0	0	0
1/10/2024 18:39	67502 WEWI_T2	17	13	-4	0.14	0.11	-0.03	0	0	0	0	0	0	0	0
1/10/2024 18:39	53502 EVIL_T2	1	0	-1	1.9	0	-1.9	0	0	0	0	0	0	0	0
1/10/2024 18:39	67001 STHI_T2	197	245	48	0.12	0.12	0	0	0	0	0	0	0	0	0
1/10/2024 18:39	44903 SCOT_T1	0	0	0	0	0	0	-0.03	-0.03	0	0	0	0	0	0
1/10/2024 18:39	11102 EGYP_T1	1	0	-1	0.8	0	-0.8	0	0	0	0	0	0	0	0
1/10/2024 18:39	66503 SMAN_T2	93	92	-1	0.14	0.13	-0.01	0	0	0	0	0	0	0	0
1/10/2024 18:39	44301 BEAV_T2	0	1	1	0	0	0	-0.17	-0.05	1	1	0	600	600	0
1/10/2024 18:39	49804 UNIV_T1	4	5	1	2.78	2.56	-0.22	0.5	0.61	0	0	0	0	0	0
1/10/2024 18:40	45802 HEGI_T2	0	10	10	0	0	0	1.12	0.69	1	1	0	300	300	0
1/10/2024 18:40	53901 HALI_T2	1	13	12	0.3	0.18	-0.12	-0.4	-0.41	0	0	0	0	0	0
1/10/2024 18:40	47401 PENS_T1	0	0	0	0	0	0	0.92	0.9	0	0	0	0	0	0
1/10/2024 18:40	43402 BENT_T1	0	0	0	0	0	0	-0.92	-1.54	1	2	1	900	1500	600
1/10/2024 18:40	40502 CRES_T2	8	8	0	0.43	0.25	-0.18	-1.25	-1.3	0	0	0	0	0	0
1/10/2024 18:40	64902 MILL_T2	0	0	0	0	0	0	-0.68	-0.69	1	1	0	900	900	0
1/10/2024 18:40	40101 HUNT_T2	152	150	-2	0.48	0.48	0	-0.66	-0.68	0	0	0	0	0	0
1/10/2024 18:40	47001 HUGH_T2	0	0	0	0	0	0	-0.55	-0.56	0	0	0	0	0	0
1/10/2024 18:40	46301 ROHR_T1	0	0	0	0	0	0	0.29	0.26	0	0	0	0	0	0
1/10/2024 18:40	44901 SCOT_T2	0	0	0	0	0	0	-0.97	-1.04	0	0	0	0	0	0
1/10/2024 18:41	67103 SPRI_T1	0	0	0	0	0	0	-0.05	-0.05	0	0	0	0	0	0
1/10/2024 18:41	47403 PENS_T1	2	9	7	0.1	0.12	0.02	0	0	0	0	0	0	0	0
1/10/2024 18:41	53502 EVIL_T2	1	0	-1	1.9	0	-1.9	0	0	0	0	0	0	0	0
1/10/2024 18:41	56802 BENV_T2	0	0	0	0	0	0	-0.63	-0.67	0	0	0	0	0	0
1/10/2024 18:41	11104 EGYP_T1	1	1	0	0.7	0	-0.7	0.37	0.39	0	0	0	0	0	0
1/10/2024 18:41	54601 SUMM_T2	2	2	0	0.45	0.3	-0.15	-1.86	-1.85	2	2	0	2100	2100	0
1/10/2024 18:41	12701 MACU_T1	0	0	0	0	0	0	-2.16	-2.1	2	2	0	2400	2400	0
1/10/2024 18:41	55101 WERT_T1	0	0	0	0	0	0	-1.25	-1.22	2	2	0	1500	1500	0
1/10/2024 18:42	46206 DANV_T2	0	0	0	0	0	0	2.25	2.23

1/10/2024 18:46	53903 HALI_T2	2	2	0	1.5	1.55	0.05	0	0	0	0	0	0	0	0
1/10/2024 18:46	54505 ENOL_T2	1	1	0	0.6	0.6	0	0	0	0	0	0	0	0	0
1/10/2024 18:46	44301 BEAV_T2	1	1	0	0.3	0	-0.3	-0.17	-0.05	1	1	0	600	600	0
1/10/2024 18:46	40101 HUNT_T2	138	144	6	0.51	0.52	0.01	-0.66	-0.68	0	0	0	0	0	0
1/10/2024 18:46	40502 CRES_T2	6	9	3	0.25	0.31	0.06	-2.49	-2.6	0	0	0	0	0	0
1/10/2024 18:46	41601 CLEV_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1/10/2024 18:46	23301 JEFF_T1	0	1	1	0	0	0	0	0	0	0	0	0	0	0
1/10/2024 18:46	43202 MVIL_T2	50	0	-50	0.31	0	-0.31	-0.62	-0.65	0	0	0	0	0	0
1/10/2024 18:46	61306 EARL_T1	4	4	0	0.15	0.1	-0.05	0	0	0	0	0	0	0	0
1/10/2024 18:46	42701 AUGU_T1	6	4	-2	0.35	0.6	0.25	0	0	1	1	0	600	600	0
1/10/2024 18:46	60803 BUCK_T1	0	0	0	0	0	0	-0.45	-0.45	0	0	0	0	0	0
1/10/2024 18:47	62607 ENGL_T1	0	1	1	0	0	0	0	0	0	0	0	0	0	0
1/10/2024 18:47	64201 KINZ_T1	270	383	113	0.4	0.47	0.07	-0.8	-0.83	3	3	0	1500	1500	0
1/10/2024 18:47	53901 HALI_T2	2	13	11	0.3	0.18	-0.12	-0.4	-0.41	0	0	0	0	0	0
1/10/2024 18:47	67502 WEWI_T2	1	49	48	0.1	0.16	0.06	0	0	0	0	0	0	0	0
1/10/2024 18:47	57401 SPAN_T1	1	1	0	0.2	0.1	-0.1	-0.69	-0.68	1	1	0	600	600	0
1/10/2024 18:47	56802 BENV_T2	0	0	0	0	0	0	-1.27	-1.34	0	0	0	0	0	0
1/10/2024 18:47	59003 MIFF_T1	0	0	0	0	0	0	-1.02	-0.83	0	0	0	0	0	0
1/10/2024 18:47	46004 BERW_T2	0	0	0	0	0	0	-0.49	-0.49	0	0	0	0	0	0
1/10/2024 18:47	61306 EARL_T1	4	4	0	0.15	0.1	-0.05	0	0	0	0	0	0	0	0
1/10/2024 18:47	44601 SALE_T2	0	0	0	0	0	0	-0.05	-0.11	0	0	0	0	0	0
1/10/2024 18:47	59101 WALK_T2	1	1	0	0	0	0	2.34	1.77	2	2	0	900	900	0
1/10/2024 18:48	64202 KINZ_T1	1	3	2	5.3	2.53	-2.77	0	0	0	0	0	0	0	0
1/10/2024 18:48	53901 HALI_T2	2	13	11	0.3	0.18	-0.12	-0.4	-0.41	0	0	0	0	0	0
1/10/2024 18:48	40101 HUNT_T2	138	144	6	0.51	0.52	0.01	-0.66	-0.68	0	0	0	0	0	0
1/10/2024 18:48	40505 CRES_T1	0	0	0	0	0	0	0.38	0.37	0	0	0	0	0	0
1/10/2024 18:48	48901 FOSP_T2	0	0	0	0	0	0	-0.41	-0.41	1	1	0	600	600	0
1/10/2024 18:48	12701 MACU_T1	0	0	0	0	0	0	-1.08	-1.05	1	1	0	1200	1200	0
1/10/2024 18:48	67002 STHI_T2	21	39	18	0.14	0.15	0.01	0.61	0.62	0	0	0	0	0	0
1/10/2024 18:48	67503 WEWI_T2	0	0	0	0	0	0	-0.11	-0.04	0	0	0	0	0	0
1/10/2024 18:48	59003 MIFF_T1	0	0	0	0	0	0	-0.51	-0.41	0	0	0	0	0	0
1/10/2024 18:48	52501 PROG_T1	0	0	0	0	0	0	0.28	0.29	1	1	0	300	300	0
1/10/2024 18:48	67503 WEWI_T2	0	0	0	0	0	0	-0.11	-0.04	0	0	0	0	0	0
1/10/2024 18:48	57401 SPAN_T1	1	1	0	0.2	0.1	-0.1	-0.69	-0.68	1	1	0	600	600	0
1/10/2024 18:48	56802 BENV_T2	0	0	0	0	0	0	-1.27	-1.34	0	0	0	0	0	0
1/10/2024 18:48	54601 SUMM_T2	2	2	0	0.2	0.3	0.1	-3.72	-3.7	4	4	0	4200	4200	0
1/10/2024 18:48	60801 BUCK_T1	0	0	0	0	0	0	-0.78	-0.83	1	1	0	600	600	0
1/10/2024 18:48	13302 ORVI_T2	0	0	0	0	0	0	1.08	1.07	0	0	0	0	0	0
1/10/2024 18:48	40502 CRES_T2	6	9	3	0.25	0.31	0.06	-2.49	-2.6	0	0	0	0	0	0
1/10/2024 18:48	65901 SAKR_T2	1	1	0	8.6	8.8	0.2	-1.18	-1.23	1	1	0	900	900	0
1/10/2024 18:49	66505 SMAN_T2	3	3	0	0.73	1.37	0.64	0	0	0	0	0	0	0	0
1/10/2024 18:49	59101 WALK_T2	1	1	0	0	0	0	2.34	1.77	2	2	0	900	900	0
1/10/2024 18:49	67002 STHI_T2	21	39	18	0.14	0.15	0.01	0	0	0	0	0	0	0	0
1/10/2024 18:49	55001 NEWP_T1	0	0	0	0	0	0	-0.64	-0.61	1	1	0	600	600	0
1/10/2024 18:49	53901 HALI_T2	2	13	11	0.3	0.18	-0.12	-0.4	-0.41	0	0	0	0	0	0
1/10/2024 18:49	60803 BUCK_T1	0	0	0	0	0	0	-0.45	-0.45	0	0	0	0	0	0
1/10/2024 18:49	45702 LIND_T2	1	1	0	0.9	1.1	0.2	-0.5	-0.48	0	0	0	0	0	0
1/10/2024 18:49	62604 ENGL_T1	0	0	0	0	0	0	-0.51	-0.49	1	1	0	600	600	0
1/10/2024 18:49	67103 SPRI_T1	0	0	0	0	0	0	-0.05	-0.05	0	0	0	0	0	0
1/10/2024 18:49	43402 BENT_T1	0	0	0	0	0	0	-0.92	-1.54	1	2	1	900	1500	600
1/10/2024 18:49	56801 BENV_T1	9	11	2	0.88	0.96	0.08	-0.55	-0.59	1	1	0	600	600	0
1/10/2024 18:49	11104 EGYP_T1	0	1	1	0	0.2	0.2	0.37	0.39	0	0	0	0	0	0
1/10/2024 18:49	59003 MIFF_T1	0	0	0	0	0	0	-0.51	-0.41	0	0	0	0	0	0
1/10/2024 18:49	56501 ROCK_T2	0	0	0	0	0	0	-0.79	-0.75	0	0	0	0	0	0
1/10/2024 18:49	64101 REFR_T1	0	0	0	0	0	0	-0.01	-0.02	0	0	0	0	0	0
1/10/2024 18:49	54001 SOLE_T1	2	2	0	0.75	0.65	-0.1	0	0	1	0	-1	600	0	-600
1/10/2024 18:49	44301 BEAV_T2	1	1	0	0.3	0	-0.3	-0.17	-0.05	1	1	0	600	600	0
1/10/2024 18:50	46901 MNTG_T2	0	0	0	0	0	0	0.06	0.08	1	1	0	1200	1200	0
1/10/2024 18:50	61304 EARL_T1	0	0	0	0	0	0	-0.87	-0.86	1	1	0	600	600	0
1/10/2024 18:50	41601 CLEV_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1/10/2024 18:50	40101 HUNT_T2	138	144	6	0.51	0.52	0.01	-0.66	-0.68	0	0	0	0	0	0
1/10/2024 18:50	65001 NEFF_T2	0	0	0	0	0	0	-0.84	-0.86	1	1	0	1200	1200	0
1/10/2024 18:50	46203 DANV_T2	0	0	0	0	0	0	-0.74	-0.64	0	0	0	0	0	0
1/10/2024 18:50	53901 HALI_T2	2	13	11	0.3	0.18	-0.12	-0.4	-0.41	0	0	0	0	0	0
1/10/2024 18:50	43202 MVIL_T2	50	0	-50	0.31	0	-0.31	-0.62	-0.65	0	0	0	0	0	0
1/10/2024 18:50	59003 MIFF_T1	0	0	0	0	0	0	-0.51	-0.41	0	0	0	0	0	0
1/10/2024 18:50	40502 CRES_T2	6	9	3	0.25	0.31	0.06	-1.87	-1.95	0	0	0	0	0	0
1/10/2024 18:50	47101 MARL_T1	65	46	-19	0.64	1.16	0.52	-1.51	-1.54	1	1	0	600	600	0
1/10/2024 18:50	44901 SCOT_T2	0	0	0	0	0	0	-0.97	-1.04	0	0	0	0	0	0
1/10/2024 18:50	41801 GOCI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1/10/2024 18:50	12701 MACU_T1	0	0	0	0	0	0	-1.08	-1.05	1	1	0	1200	1200	0
1/10/2024 18:50	67204 TEHI_T2	0	0	0	0	0	0	0.14	0.16	0	0	0	0	0	0
1/10/2024 18:50	59101 WALK_T2	1	1	0	0	0	0	1.17	0.89	1	1	0	450	450	0
1/10/2024 18:50	52101 MEIS_T1	1	1	0	0.1	0.1	0	0	0	0	0	0	0	0	0
1/10/2024 18:50	40505 CRES_T1	0	0	0	0	0	0	0.38	0.37	0	0	0	0	0	0
1/10/2024 18:51	42701 AUGU_T1	6	4	-2	0.35	0.6	0.25	0	0	1	1	0	600	600	0
1/10/2024 18:51	46004 BERW_T2	0	0	0	0	0	0	-0.49	-0.49	0	0	0	0	0	0
1/10/2024 18:51	46001 BERW_T1	33	8	-25	0.53	0.35	-0.18	1.01	1.02	0	0	0	0	0	0
1/10/2024 18:51	46801 HEPB_T2	3	3	0	0.17	0.2	0.03	0.71	0.68	0	0	0	0	0	0
1/10/2024 18:51	59003 MIFF_T1	0	0	0	0	0	0	-0.51	-0.41	0	0	0	0	0	0
1/10/2024 18:51	49804 UNIV_T1	5	7	2	2.58	1.43	-1.15	0	0	0	0	0	0	0	0
1/10/2024 18:51	56802 BENV_T2	0	0	0	0	0	0	-1.9	-2.01	0	0	0	0	0	0
1/10/2024 18:51	46903 MNTG_T2	0	0	0	0	0	0	-0.2	-0.22	1	1	0	600	600	0
1/10/2024 18:51	67502 WEWI_T2	1	49	48	0.1	0.16	0.06	-1.26	-1.27	1	1	0	900	900	0
1/10/2024 18:51	64101 REFR_T1	0	0	0	0	0	0	-0.01	-0.02	0	0	0	0	0	0
1/10/2024 18:51	53901 HALI_T2	2	13	11	0.3	0.18	-0.12	-0.4	-0.41	0	0	0	0	0	0
1/10/2024 18:51	54601 SUMM_T2	2	2	0	0.2	0.3	0.1	-1.86	-1.85	2	2	0	2100	2100	0
1/10/2024 18:52	42201 SHEN_T2	0	0	0	0	0	0	0.26	0.24	2	2	0	1200	1200	0
1/10/2024 18:52	44905 SCOT_T1	0	1	1	0	0	0	0	0	0	0	0	0	0	0
1/10/2024 18:52	53903 HALI_T2	2	2	0	1.5	1.55	0.05	0	0	0	0	0	0	0	0
1/10/2024 18:52	46903 MNTG_T2	0	0	0	0	0	0	-0.2	-0.22	1	1	0	600	600	0
1/10/2024 18:52	16302 ALPA_T2	0	0	0	0	0	0	0.65	0.63	0	0	0	0	0	0
1/10/2024 18:52	46903 MNTG_T2	0	0	0	0	0	0	-0.2	-0.22	1	1	0	600	600	0
1/10/2024 18:52	40101 HUNT_T2	138	144	6	0.51	0.52	0.01	-0.66	-0.68	0	0	0	0	0	0
1/10/2024 18:52	67605 WARW_T1	0	0	0	0	0	0	-1.11	-1.13	0	0	0	0	0	0
1/10/2024 18:52	67503 WEWI_T2	0	0	0	0	0	0	-0.11	-0.04	0	0	0	0	0	0
1/10/2024 18:52	43202 MVIL_T2	50	0	-50	0.31	0	-0.31	-0.62	-0.65	0	0	0	0	0	0
1/10/2024 18:52	43201 MVIL_T2	35	0	-35	0.71	0	-0.71	-1.19	-0.34	0	0	0	0	0	0
1/10/2024 18:52	40602 PIGR_T1	0	0	0	0	0	0	-1.16	-1.15	1	1	0	600	600	0
1/10/2024 18:52	40505 CRES_T1	0	0	0	0	0	0	0.38	0.37	0	0	0	0	0	0
1/10/2024 18:52	67203 TEHI_T1	0	0	0	0	0	0	1.91	2.09	1	1	0	600	600	0
1/10/2024 18:52	27502 WEIS_T2	0	1	1	0	0	0	-0.3	-0.28	0	0	0	0	0	0
1/10/2024 18:52	47101 MARL_T1	65	46	-19	0.64	1.16	0.52	-1.51	-1.54	1	1	0	600	600	0
1/10/2024 18:52	56802 BENV_T2	0	0	0	0	0	0	-0.63	-0.67	0	0	0	0	0	0
1/10/2024 18:52	40502 CRES_T2	6	9	3	0.25	0.31	0.06	-2.49	-2.6	0	0	0	0	0	0
1/10/2024 18:53	55002 NEWP_T1	4	4	0	1.5	1.55	0.05	-0.18	-0.17	0	0	0	0	0	0
1/10/2024 18:53	64202 KINZ_T1	1	3	2	5.3	2.53	-2.77	0	0	0	0	0	0	0	0
1/10/2024 18:53	62604 ENGL_T1	0	0	0	0	0	0	-0.51	-0.49	1	1	0	600	600	0
1/10/2024 18:53	53903 HALI_T2	2	2	0	1.5	1.55	0.05	0	0	0	0	0	0	0	0
1/10/2024 18:53	46302 ROHR_T1	4	5	1	1.43	1.1	-0.33	0.28	0.29	0	0	0	0	0	0
1/10/2024 18:53	61306 EARL_T1	4	4	0	0.15	0.1	-0.05	0	0	0	0	0	0	0	0
1/10/2024 18:53	60604 NCOL_T2	0	0	0	0	0	0	0.29	0.44	0	0	0	0	0	0
1/10/2024 18:53	43402 BENT_T1	0	0	0	0	0	0	-1.54	-1.52	2	2	0	1500	1500	0
1/10/2024 18:53	46203 DANV_T2	0	0	0	0	0	0	-1.29	-1.47	0	0	0	0	0	0
1/10/2024 18:53	56802 BENV_T2	0	0	0	0	0	0	-0.63	-0.67	0	0	0	0	0	0
1/10/2024 18:54	13503 MCMI_T2	19	71	52	0.51	0.46	-0.05	0.32	0.32	0	0	0	0	0	0
1/10/2024 18:54	67204 TEHI_T2	0	0	0	0	0	0	0.16	0.17	0	0	0	0	0	0
1/10/2024 18:54	40505 CRES_T1	0	0	0	0	0	0	0.37	0.38	0	0	0	0	0	0
1/10/2024 18:54	48902 FOSP_T2	0	0	0	0	0	0	0.09	0.09	0	0	0	0	0	0
1/10/2024 18:54	47101 MARL_T1	65	46	-19	0.64	1.16	0.52	-3.07	-3.13	2	2	0	1200	1200	0
1/10/2024 18:54	62607 ENGL_T1	0	1	1	0	0	0	0	0	0	0	0	0	0	0
1/10/2024 18:54	55001 NEWP_T1	0	0	0	0	0	0	-0.61	-0.66	1	1	0	600	600	0
1/10/2024 18:54	61101 BERK_T5	0	0	0	0	0	0	-1.04	-1.03	0	0	0	0	0	0
1/10/2024 18:54	53501 EVIL_T2	1	3	2	0.1	0.13	0.03	-0.76	-0.74	1	1	0	600	600	0
1/10/2024 18:54	67402 WAKE_T2	0	0	0	0	0	0	-0.32	-0.33	1	1	0	600	600	0
1/10/2024 18:54	56501 ROCK_T2	0	0	0	0	0	0	-0.75	-0.77	0	0	0	0	0	0
1/10/2024 18:54	44301 BEAV_T2	1	1	0	0.3	0	-0.3	-0.05	-0.03	1	1	0	600	600	0
1/10/2024 18:54	27502 WEIS_T2	0	1	1	0	0	0	-0.28	-0.23	0	0	0	0	0	0
1/10/2024 18:54	46903 MNTG_T2	0	0	0	0	0	0	-0.22	-0.16	1	1	0	600	600	0
1/10/2024 18:54	67001 STHI_T2	194	264	70	0.12	0.14	0.02	0.12	0.1	0	0	0	0	0	0
1/10/2024 18:54	60201 ATGL_T2	0	0	0	0	0	0	0.28	0.25	1	1	0	300	300	0
1/10/2024 18:55	54001 SOLE_T1	2	2	0	0.75	0.65	-0.1	0	0	0	0	0	0	0	0
1/10/2024 18:55	56802 BENV_T2	0	0	0	0	0	0	-0.67	-0.66	0	0	0	0	0	0
1/10/2024 18:55	64101 REFR_T1	0	0	0	0	0	0	-0.02	0.01	0	0	0	0	0	0
1/10/2024 18:55	62604 ENGL_T1	0	0	0	0	0	0	-0.49	-0.53	1	1	0	600	600	0
1/10/2024 18:55	53501 EVIL_T2	1	3	2	0.1	0.13	0.03	-0.76	-0.74	1	1	0	600	600	0
1/10/2024 18:55	55002 NEWP_T1	4	4	0	1.5	1.55	0.05	-0.17	-0.19	0	0	0	0	0	0
1/10/2024 18:56	67002 STHI_T2	21	39	18	0.14	0.15	0.01	0.62	0.61	0	0	0	0	0	0
1/10/2024 18:56	45402 WBLO_T2	0	0	0	0	0	0	-0.6	-0.62	0	0	0	0	0	0
1/10/2024 18:56	55101 WERT_T1	0	0	0	0	0	0	-1.22	-1.2	2	2	0	1500	1500	0
1/10/2024 18:56	40101 HUNT_T2	138	144	6	0.51	0.52	0.01	-0.68	-0.67	0	0	0	0	0	0
1/10/2024 18:57	59003 MIFF_T1	0	0	0	0	0	0	-0.41	-0.13	0	0	0	0	0	0
1/10/2024 18:57	64101 REFR_T1	0	0	0	0	0	0	-0.02	0.01	0	0	0	0	0	0
1/10/2024 18:57	52401 GRPA_T2	2	0	-2	0.3	0	-0.3	0	0	0	0	0	0	0	0
1/10/2024 18:57	16402 MOPO_T1	1	3	2	0.1	0	-0.1	0.21	0.21	0	0	0	0	0	0
1/10/2024 18:57	65001 NEFF_T2	0	0	0	0	0	0	-0.86	-0.81	1	1	0	1200	1200	0
1/10/2024 18:57	57303 MOAL_T2	1	1	0	7.3	7.1	-0.2	0	0	0	0	0	0	0	0
1/10/2024 18:57	64202 KINZ_T1	1	3	2	5.3	2.53	-2.77	0.7	0.64	0	0	0	0	0	0
1/10/2024 18:58	52102 MEIS_T1	0	0	0	0	0	0	0	0	3	3	0	1350	1350	0
1/10/2024 18:58	57401 SPAN_T1	1	1	0	0.2	0.1	-0.1	0	0	0	0	0	0	0	0
1/10/2024 18:58	60101 COCA_T1	0	0	0	0	0	0	0.35	0.39	0	0	0	0	0	0
1/10/2024 18:58	64101 REFR_T1	0	0	0	0	0	0	-0.03	0.01	0	0	0	0	0	0
1/10/2024 18:58	52402 GRPA_T2	6	15	9	0.7	0.75	0.05	-0.88	-0.91	0	0	0	0	0	0
1/10/2024 18:58	55002 NEWP_T1	4	4	0	1.5	1.55	0.05	0	0	0	0	0	0	0	0
1/10/2024 18:58	41901 REED_T1	10	8	-2	0.58	0.65	0.07	0	0	0	0	0	0	0	0
1/10/2024 18:58	67605 WARW_T1	0	0	0	0	0	0	-1.13	-1.08	0	0	0	0	0	0
1/10/2024 18:58	61801 EELI_T2	0	0	0	0	0	0	-0.89	-0.91	1	1	0	600	600	0
1/10/2024 18:58	53501 EVIL_T2	1	3	2	0.1	0.13	0.03	-0.76	-0.74	1	1	0	600	600	0
1/10/2024 18:58	53903 HALI_T2	2	2	0	1.5	1.55	0.05	0	0	0	0	0	0	0	0
1/10/2024 18:58	42201 SHEN_T2	0	0	0	0	0	0	0.12	0.12	1	1	0	600	600	0
1/10/2024 18:59	55105 WERT_T1	0	0	0	0	0	0	-0.42	-0.43	1	1	0	900	900	0
1/10/2024 18:59	44301 BEAV_T2	1	1	0	0.3	0	-0.3	-0.05	-0.03	1	1	0	600	600	0
1/10/2024 18:59	64101 REFR_T1	0	0	0	0	0	0	-0.02	0.01	0	0	0	0	0	0
1/10/2024 18:59	57304 MOAL_T2	0	1	1	0	0.4	0.4	-0.1	-0.13	0	0	0	0	0	0
1/10/2024 18:59	67901 WNHO_T2	115	122	7	0.3	0.35	0.05	-0.41	-0.39	0	0	0	0	0	0
1/10/2024 19:00	67201 TEHI_T1	0	0	0	0	0	0	-0.23	-0.2	1	1	0	600	600	0
1/10/2024 19:00	58402 MORO_T1	0	0	0	0	0	0	-0.75	-0.8	3	3	0	2400	2400	0
1/10/2024 19:00	56801 BENV_T1	9	13	4	1.06	0.72	-0.34	-0.59	-0.6	1	1	0	600	600	0
1/10/2024 19:00	59003 MIFF_T1	0	0	0	0	0	0	-0.41	-0.13	0	0	0	0	0	0
1/10/2024 19:00	64101 REFR_T1	0	0	0	0	0	0	-0.02	0.01	0	0	0	0	0	0
1/10/2024 19:01	52402 GRPA_T2	15	8	-7	0.52	1.18	0.66	0	0	0	0	0	0	0	0
1/10/2024 19:01	46206 DANV_T2	0	0	0	0	0	0	2.23	2.28	1	1	0	1200	1200	0
1/10/2024 19:02	41901 REED_T1	8	7	-1	0.74	0.61	-0.13	0	0	0	0	0	0	0	0
1/10/2024 19:02	56501 ROCK_T2	0	0	0	0	0	0	-0.75	-0.77	0	0	0	0	0	0
1/10/2024 19:03	54601 SUMM_T2	2	2	0	0.3	0.3	0	-1.85	-1.87	2	2	0	2100	2100	0
1/10/2024 19:03	66703 STRA_T1	0	0	0	0	0	0	-0.1	-0.12	0	0	0	0	0	0
1/10/2024 19:04	61306 EARL_T1	1	4	3	0.1	0.1	0	0	0	0	0	0	0	0	0
1/10/2024 19:04	56501 ROCK_T2	0	0

1/11/2024 8:06	43402 BENT_T1	0	2	2	0	0	0	-1.51	-1.01	1	2	1	900	1500	600
1/11/2024 8:08	43402 BENT_T1	0	2	2	0	0	0	-1.51	-1.01	1	2	1	900	1500	600
1/11/2024 8:10	45502 DERR_T2	0	1	1	0	0	0	0	0	0	0	0	0	0	0
1/11/2024 8:11	56802 BENV_T2	0	1	1	0	0.1	0.1	-1.42	-0.75	0	0	0	0	0	0
1/11/2024 8:15	46901 MNTG_T2	0	0	0	0	0	0	0.62	0.51	1	1	0	1200	1200	0
1/11/2024 8:15	46901 MNTG_T2	0	0	0	0	0	0	0.62	0.51	1	1	0	1200	1200	0
1/11/2024 8:17	46903 MNTG_T2	0	0	0	0	0	0	0.25	0.23	1	1	0	600	600	0
1/11/2024 8:30	46903 MNTG_T2	0	0	0	0	0	0	0.23	0.25	1	1	0	600	600	0
1/11/2024 8:32	55002 NEWP_T1	6	6	0	0.55	0.73	0.18	-0.38	-0.42	0	0	0	0	0	0
1/11/2024 8:33	67103 SPRI_T1	0	0	0	0	0	0	-0.05	-0.04	0	0	0	0	0	0
1/11/2024 8:34	55002 NEWP_T1	6	6	0	0.55	0.73	0.18	-0.38	-0.42	0	0	0	0	0	0
1/11/2024 8:36	67103 SPRI_T1	0	0	0	0	0	0	-0.05	-0.04	0	0	0	0	0	0
1/11/2024 8:36	65001 NEFF_T2	0	0	0	0	0	0	-0.53	-0.48	1	1	0	1200	1200	0
1/11/2024 8:36	55002 NEWP_T1	6	6	0	0.55	0.73	0.18	-0.19	-0.21	0	0	0	0	0	0
1/11/2024 8:38	40502 CRES_T2	5	5	0	0.14	0	-0.14	-0.62	-0.6	0	0	0	0	0	0
1/11/2024 8:40	46203 DANV_T2	0	0	0	0	0	0	-2.04	-2.32	0	0	0	0	0	0
1/11/2024 8:46	46903 MNTG_T2	0	0	0	0	0	0	0.5	0.51	2	2	0	1200	1200	0
1/11/2024 8:50	67204 TEHI_T2	0	0	0	0	0	0	0.02	0.06	0	0	0	0	0	0
1/11/2024 8:51	46903 MNTG_T2	0	0	0	0	0	0	0.25	0.25	1	1	0	600	600	0
1/11/2024 8:52	56802 BENV_T2	0	1	1	0	0.3	0.3	-0.8	-0.77	0	0	0	0	0	0
1/11/2024 8:52	65001 NEFF_T2	0	0	0	0	0	0	-0.48	-0.57	1	1	0	1200	1200	0
1/11/2024 8:53	67204 TEHI_T2	0	0	0	0	0	0	0.02	0.06	0	0	0	0	0	0
1/11/2024 8:54	63305 GREE_T1	4	0	-4	0.15	0	-0.15	-1.14	-1.04	0	0	0	0	0	0
1/11/2024 8:56	63305 GREE_T1	4	0	-4	0.15	0	-0.15	-1.14	-1.04	0	0	0	0	0	0
1/11/2024 9:00	58402 MORO_T1	0	0	0	0	0	0	-0.96	-1.03	3	3	0	2400	2400	0
1/11/2024 9:00	59101 WALK_T2	1	1	0	0	0	0	2.24	2.2	0	0	0	0	0	0
1/11/2024 9:00	59102 WALK_T2	0	0	0	0	0	0	-0.35	-0.36	1	1	0	600	600	0
1/11/2024 9:00	66901 SHIL_T2	8	0	-8	0.11	0	-0.11	-1.67	-1.68	1	1	0	1200	1200	0
1/11/2024 9:00	44201 POIN_T1	0	0	0	0	0	0	0	-0.71	1	1	0	900	900	0
1/11/2024 9:00	23401 HONE_T2	0	0	0	0	0	0	-0.23	-0.22	0	0	0	0	0	0
1/11/2024 9:00	43304 WATS_T2	0	1	1	0	0	0	-0.19	-0.16	0	0	0	0	0	0
1/11/2024 9:00	43001 ALWD_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1/11/2024 9:00	44901 SCOT_T2	0	0	0	0	0	0	-0.56	-0.57	0	0	0	0	0	0
1/11/2024 9:00	46901 MNTG_T2	0	1	1	0	0	0	0	0	0	0	0	0	0	0
1/11/2024 9:00	44905 SCOT_T1	0	2	2	0	0	0	0	0	0	0	0	0	0	0
1/11/2024 9:00	42903 MIDD_T2	0	2	2	0	0.35	0.35	0.16	0.06	1	1	0	1200	1200	0
1/11/2024 9:00	57403 SPAN_T1	0	0	0	0	0	0	0.15	0.15	0	0	0	0	0	0
1/11/2024 9:00	53903 HALI_T2	2	2	0	1.3	1.3	0	-0.11	-0.13	0	0	0	0	0	0
1/11/2024 9:00	40502 CRES_T2	0	11	11	0	0.17	0.17	-0.6	-0.69	0	0	0	0	0	0
1/11/2024 9:00	67503 WEWI_T2	0	0	0	0	0	0	-0.02	-0.1	0	0	0	0	0	0
1/11/2024 9:02	53903 HALI_T2	2	2	0	1.3	1.3	0	0	0	0	0	0	0	0	0
1/11/2024 9:06	41901 REED_T1	3	2	-1	0.33	0.3	-0.03	0	0	0	0	0	0	0	0
1/11/2024 9:06	46002 BERW_T2	0	1	1	0	0	0	0	0	0	0	0	0	0	0
1/11/2024 9:06	46903 MNTG_T2	0	1	1	0	0	0	0.25	0.02	1	1	0	600	600	0
1/11/2024 9:06	29401 BELT_T1	22	27	5	0.15	0.19	0.04	0	0	1	1	0	900	900	0
1/11/2024 9:07	67503 WEWI_T2	0	0	0	0	0	0	-0.02	-0.1	0	0	0	0	0	0
1/11/2024 9:07	53501 EVIL_T2	3	6	3	0.3	0.72	0.42	-0.82	-0.91	2	2	0	1200	1200	0
1/11/2024 9:08	47101 MARL_T1	1	0	-1	0.5	0	-0.5	-0.67	-0.67	0	0	0	0	0	0
1/11/2024 9:08	27502 WEIS_T2	0	0	0	0	0	0	-0.41	-0.37	0	0	0	0	0	0
1/11/2024 9:08	67402 WAKE_T2	0	0	0	0	0	0	0.54	0.28	1	1	0	600	600	0
1/11/2024 9:08	56802 BENV_T2	0	2	2	0	0.5	0.5	-0.77	-0.68	0	0	0	0	0	0
1/11/2024 9:09	45501 DERR_T2	0	0	0	0	0	0	0.72	0.63	2	2	0	1800	1800	0
1/11/2024 9:10	29401 BELT_T1	22	27	5	0.15	0.19	0.04	0	0	0	0	0	0	0	0
1/11/2024 9:10	45501 DERR_T2	0	0	0	0	0	0	0.72	0.63	2	2	0	1800	1800	0
1/11/2024 9:13	13503 MCMI_T2	0	0	0	0	0	0	0.2	0.2	0	0	0	0	0	0
1/11/2024 9:13	46903 MNTG_T2	0	1	1	0	0	0	0	0	0	0	0	0	0	0
1/11/2024 9:14	13503 MCMI_T2	0	0	0	0	0	0	0.39	0.39	0	0	0	0	0	0
1/11/2024 9:14	52102 MEIS_T1	0	0	0	0	0	0	0	0	1	1	0	450	450	0
1/11/2024 9:15	46903 MNTG_T2	0	0	0	0	0	0	0.02	0.15	1	1	0	600	600	0
1/11/2024 9:15	52102 MEIS_T1	0	0	0	0	0	0	0	0	2	2	0	900	900	0
1/11/2024 9:17	46901 MNTG_T2	0	1	1	0	0.1	0.1	0	0	0	0	0	0	0	0
1/11/2024 9:17	64702 LITI_T2	0	0	0	0	0	0	-0.71	-0.64	0	0	0	0	0	0
1/11/2024 9:18	46901 MNTG_T2	0	1	1	0	0.1	0.1	0	0	0	0	0	0	0	0
1/11/2024 9:19	64702 LITI_T2	0	0	0	0	0	0	-0.71	-0.64	0	0	0	0	0	0
1/11/2024 9:20	44903 SCOT_T1	0	10	10	0	0	0	-0.03	-0.03	0	0	0	0	0	0
1/11/2024 9:20	67103 SPRI_T1	0	0	0	0	0	0	-0.05	-0.05	0	0	0	0	0	0
1/11/2024 9:21	67103 SPRI_T1	0	0	0	0	0	0	-0.05	-0.05	0	0	0	0	0	0
1/11/2024 9:22	44903 SCOT_T1	0	10	10	0	0	0	-0.03	-0.03	0	0	0	0	0	0
1/11/2024 9:23	44301 BEAV_T2	0	1	1	0	0.1	0.1	0.15	0.1	2	2	0	1500	1500	0
1/11/2024 9:23	67103 SPRI_T1	0	0	0	0	0	0	-0.05	-0.05	0	0	0	0	0	0
1/11/2024 9:24	44903 SCOT_T1	0	10	10	0	0	0	-0.03	-0.03	0	0	0	0	0	0
1/11/2024 9:24	29401 BELT_T1	27	0	-27	0.19	0	-0.19	0	0	0	0	0	0	0	0
1/11/2024 9:25	44903 SCOT_T1	0	10	10	0	0	0	-0.06	-0.06	0	0	0	0	0	0
1/11/2024 9:26	41801 GOCI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1/11/2024 9:26	54505 ENOL_T2	1	1	0	0.5	0.6	0.1	0	0	0	0	0	0	0	0
1/11/2024 9:27	52401 GRPA_T2	1	1	0	0.7	0.7	0	0	0	0	0	0	0	0	0
1/11/2024 9:28	52403 GRPA_T2	6	6	0	0.32	0.46	0.14	0.06	0.11	0	0	0	0	0	0
1/11/2024 9:28	54505 ENOL_T2	1	1	0	0.5	0.6	0.1	0	0	0	0	0	0	0	0
1/11/2024 9:29	54502 ENOL_T2	1	1	0	0.2	0.5	0.3	-2.03	-2.01	1	1	0	600	600	0
1/11/2024 9:30	41801 GOCI_T2	0	1	1	0	0.2	0.2	0	0	0	0	0	0	0	0
1/11/2024 9:30	52402 GRPA_T2	8	8	0	1.05	1.1	0.05	-0.92	-0.87	0	0	0	0	0	0
1/11/2024 9:34	58402 MORO_T1	0	0	0	0	0	0	-0.11	-0.15	4	4	0	3000	3000	0
1/11/2024 9:37	46206 DANV_T2	0	1	1	0	0	0	0	0	0	0	0	0	0	0
1/11/2024 9:37	56802 BENV_T2	2	2	0	0.5	1	0.5	-0.66	-0.62	0	0	0	0	0	0
1/11/2024 9:38	46206 DANV_T2	0	1	1	0	0	0	1.97	2.01	1	1	0	1200	1200	0
1/11/2024 9:38	46203 DANV_T2	0	0	0	0	0	0	0.07	0.03	0	0	0	0	0	0
1/11/2024 9:38	40502 CRES_T2	11	5	-6	0.17	0.14	-0.03	-1.44	-1.41	0	0	0	0	0	0
1/11/2024 9:40	56802 BENV_T2	2	2	0	0.5	1	0.5	-1.86	-1.86	0	0	0	0	0	0
1/11/2024 9:40	46206 DANV_T2	0	1	1	0	0	0	3.93	4.03	2	2	0	2400	2400	0
1/11/2024 9:40	54502 ENOL_T2	1	1	0	0.2	0.5	0.3	0	0	0	0	0	0	0	0
1/11/2024 9:40	42201 SHEN_T2	0	0	0	0	0	0	-0.47	-0.49	1	1	0	600	600	0
1/11/2024 9:40	40502 CRES_T2	11	5	-6	0.17	0.14	-0.03	-1.44	-1.41	0	0	0	0	0	0
1/11/2024 9:44	29402 BELT_T1	1	1	0	5	7.8	2.8	0	0	0	0	0	0	0	0
1/11/2024 9:46	55002 NEWP_T1	7	7	0	0.91	1.23	0.32	-0.18	-0.19	0	0	0	0	0	0
1/11/2024 9:48	13503 MCMI_T2	0	1	1	0	0	0	0.16	0.2	0	0	0	0	0	0
1/11/2024 9:48	57401 SPAN_T1	2	8	6	0.15	0.24	0.09	0	0	0	0	0	0	0	0
1/11/2024 9:49	56504 ROCK_T2	0	0	0	0	0	0	-0.11	-0.17	0	0	0	0	0	0
1/11/2024 9:50	67002 STHI_T2	7	86	79	0.13	0.18	0.05	0.7	0.7	0	0	0	0	0	0
1/11/2024 9:50	43402 BENT_T1	0	0	0	0	0	0	-0.9	-0.89	1	1	0	900	900	0
1/11/2024 9:50	46206 DANV_T2	1	0	-1	0.1	0	-0.1	0	0	0	0	0	0	0	0
1/11/2024 9:51	67001 STHI_T2	115	376	261	0.11	0.17	0.06	0	0	0	0	0	0	0	0
1/11/2024 9:51	55002 NEWP_T1	7	7	0	0.91	1.23	0.32	-0.36	-0.38	0	0	0	0	0	0
1/11/2024 9:51	67502 WEWI_T2	0	0	0	0	0	0	-2.05	-0.11	0	0	0	0	0	0
1/11/2024 9:51	67204 TEHI_T2	0	0	0	0	0	0	0.02	0	0	0	0	0	0	0
1/11/2024 9:52	29401 BELT_T1	0	1	1	0	0.1	0.1	0	0	1	1	0	900	900	0
1/11/2024 9:52	67001 STHI_T2	115	376	261	0.11	0.17	0.06	0	0	0	0	0	0	0	0
1/11/2024 9:52	56501 ROCK_T2	1	1	0	0.4	0	-0.4	-0.9	-0.83	0	0	0	0	0	0
1/11/2024 9:52	39601 LNFD_T1	0	0	0	0	0	0	0	0	1	1	0	900	900	0
1/11/2024 9:54	67002 STHI_T2	7	86	79	0.13	0.18	0.05	0.7	0.69	0	0	0	0	0	0
1/11/2024 9:54	20403 ASHF_T2	0	0	0	0	0	0	0.24	0.24	0	0	0	0	0	0
1/11/2024 9:54	67502 WEWI_T2	0	0	0	0	0	0	-0.11	-0.21	0	0	0	0	0	0
1/11/2024 9:54	24902 WHHA_T1	0	0	0	0	0	0	0.28	0.3	0	0	0	0	0	0
1/11/2024 10:00	57304 MOAL_T2	2	35	33	0.4	0.32	-0.08	-0.39	-0.42	0	0	0	0	0	0
1/11/2024 10:00	64902 MILL_T2	0	0	0	0	0	0	-0.71	-0.72	1	1	0	900	900	0
1/11/2024 10:00	43202 MVIL_T2	0	0	0	0	0	0	-0.5	-0.56	0	0	0	0	0	0
1/11/2024 10:01	43202 MVIL_T2	0	0	0	0	0	0	-0.5	-0.56	0	0	0	0	0	0
1/11/2024 10:01	55001 NEWP_T1	0	1	1	0	0.6	0.6	0	0	0	0	0	0	0	0
1/11/2024 10:02	57303 MOAL_T2	1	1	0	7	6.6	-0.4	0	0	0	0	0	0	0	0
1/11/2024 10:02	40602 PIGR_T1	0	0	0	0	0	0	-1.21	-0.66	0	0	0	0	0	0
1/11/2024 10:04	57403 SPAN_T1	16	36	20	0.25	0.33	0.08	0	0	0	0	0	0	0	0
1/11/2024 10:04	43202 MVIL_T2	0	0	0	0	0	0	-0.5	-0.56	0	0	0	0	0	0
1/11/2024 10:05	67001 STHI_T2	188	564	376	0.13	0.26	0.13	0	0	0	0	0	0	0	0
1/11/2024 10:05	55002 NEWP_T1	7	7	0	1.19	1.1	-0.09	-0.19	-0.19	0	0	0	0	0	0
1/11/2024 10:05	66501 SMAN_T2	2	2	0	0.45	0.45	0	0	0	0	0	0	0	0	0
1/11/2024 10:05	57403 SPAN_T1	16	36	20	0.25	0.33	0.08	0	0	0	0	0	0	0	0
1/11/2024 10:06	67002 STHI_T2	15	287	272	0.14	0.21	0.07	0.7	0.69	0	0	0	0	0	0
1/11/2024 10:06	44901 SCOT_T2	0	0	0	0	0	0	-0.71	-0.42	0	0	0	0	0	0
1/11/2024 10:06	40602 PIGR_T1	0	0	0	0	0	0	-1.21	-0.66	0	0	0	0	0	0
1/11/2024 10:06	67402 WAKE_T2	0	0	0	0	0	0	0.55	0.57	1	1	0	600	600	0
1/11/2024 10:06	55002 NEWP_T1	7	7	0	1.19	1.1	-0.09	-0.19	-0.19	0	0	0	0	0	0
1/11/2024 10:06	57403 SPAN_T1	16	36	20	0.25	0.33	0.08	0	0	0	0	0	0	0	0
1/11/2024 10:06	20403 ASHF_T2	0	2	2	0	0.1	0.1	0.24	0.24	0	0	0	0	0	0
1/11/2024 10:06	41602 CLEV_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1/11/2024 10:07	67203 TEHI_T1	4	5	1	0.38	0.2	-0.18	2.75	2.75	2	2	0	1200	1200	0
1/11/2024 10:07	66505 SMAN_T2	3	3	0	0.4	0.5	0.1	0	0	0	0	0	0	0	0
1/11/2024 10:07	67605 WARW_T1	0	22	22	0	0.4	0.4	-1.1	-1.11	0	0	0	0	0	0
1/11/2024 10:07	57401 SPAN_T1	3	38	35	0.27	0.27	0	-1.15	-1.13	1	1	0	600	600	0
1/11/2024 10:07	60801 BUCK_T1	0	1	1	0	0.1	0.1	-0.51	-0.52	1	1	0	600	600	0
1/11/2024 10:07	14403 SSLA_T1	0	0	0	0	0	0	1.05	0.95	0	0	0	0	0	0
1/11/2024 10:07	56802 BENV_T2	2	3	1	1	0.83	-0.17	-1.24	-1.24	0	0	0	0	0	0
1/11/2024 10:09	46004 BERW_T2	0	0	0	0	0	0	-0.36	-0.36	0	0	0	0	0	0
1/11/2024 10:10	61703 ELIZ_T1	111	251	140	0.21	0.67	0.46	-2.77	-2.94	2	2	0	2100	2100	0
1/11/2024 10:10	44901 SCOT_T2	0	0	0	0	0	0	-0.42	-0.57	0	0	0	0	0	0
1/11/2024 10:10	53501 EVIL_T2	5	9	4	0.62	1.1	0.48	-1.76	-1.59	4	4	0	2400	2400	0
1/11/2024 10:10	56802 BENV_T2	2	3	1	1	0.83	-0.17	2.48	2.33	0	0	0	0	0	0
1/11/2024 10:10	67402 WAKE_T2	0	0	0	0	0	0	0.57	0.47	1	1	0	600	600	0
1/11/2024 10:10	20403 ASHF_T2	0	2	2	0	0.1	0.1	0.24	0.24	0	0	0	0	0	0
1/11/2024 10:11	56802 BENV_T2	2	3	1	1	0.83	-0.17	-1.86	-1.75	0	0	0	0	0	0
1/11/2024 10:11	53903 HALI_T2	2	3	1	1.1	0.83	-0.27	-0.13	-0.13	0	0	0	0	0	0
1/11/2024 10:11	61701 ELIZ_T1	2	2	0	3.05	3.35	0.3	0	0	0	0	0	0	0	0
1/11/2024 10:11	67402 WAKE_T2	0	0	0	0	0	0	0.57	0.47	1	1	0	600	600	0
1/11/2024 10:12	61701 ELIZ_T1	2	2	0	3.05	3.35	0.3	0	0	0	0	0	0	0	0
1/11/2024 10:12	53903 HALI_T2	2	3	1	1.1	0.83	-0.27	-0.13	-0.13	0	0	0	0	0	0
1/11/2024 10:12	53501 EVIL_T2	5	9	4	0.62	1.1	0.48	-2.63	-2.39	6	6	0	3600	3600	0
1/11/2024 10:13	61703 ELIZ_T1	111	251	140	0.21	0.67	0.46	-5.54	-5.88	4	4	0	4200	4200	0
1/11/2024 10:15	57401 SPAN_T1	8	59	51	0.24	0.26	0.02	-1.13	-1.12	1	1	0	600	600	0
1/11/2024 10:16	52403 GRPA_T2	7	17	10	0.5	0.52	0.02	0.09	0.03	0	0	0	0	0	0
1/11/2024 10:16	53903 HALI_T2	3	3	0	0.8	1.07	0.27	-0.13	-0.13	0	0	0	0	0	0
1/11/2024 10:16	41901 REED_T1	1	3	2	0.2	0.4	0.2	0	0	0	0	0	0	0	0
1/11/2024 10:16	43201 MVIL_T2	0	0	0	0	0	0	-0.34	-0.32	0	0	0	0	0	0
1/11/2024 10:16	63401 HONY_T1	0	0	0	0	0	0	1.04	1.1	0	0	0	0	0	0
1/11/2024 10:17	52503 PROG_T2	0	0	0	0	0	0	-0.63	-0.63	1	1	0	900	900	0
1/11/2024 10:18	52503 PROG_T2	0	0	0	0	0	0	-0.63	-0.63	1	1	0	900	900	0
1/11/2024 10:18	54206 PENN_T2	2	24	22	0.1	0.13	0.03	0	0	0	0	0	0	0	0
1/11/2024 10:20	67001 STHI_T2	371	600	229	0.17	0.28	0.11	0	0	0	0	0	0	0	0
1/11/2024 10:20	41901 REED_T1	1	3	2	0.2	0.4	0.2	0	0	0	0	0	0	0	0
1/11/2024 10:20	57403 SPAN_T1	29	36	7	0.3	0.31	0.01	0	0	0	0	0	0	0	0
1/11/2024 10:21	67201 TEHI_T1	1	25	24	0.1	0.15	0.05	-0.08	-0.05	2	2	0	1500	1500	0
1/11/2024 10:21	57403 SPAN_T1	29	36	7	0.3	0.31	0.01	0	0	0	0	0	0	0	0
1/11/2024 10:21	67001 STHI_T2	371	600	229	0.17	0.28	0.11	0	0	0	0	0	0	0	0
1/11/2024 10:21	67502 WEWI_T2	0	2	2	0	0.25	0.25	-0.11	0.01	0	0	0	0	0	0
1/11/2024 10:22	14403 SSLA_T1	0	0	0	0	0	0	0.95	1.11	0	0	0	0	0	0
1/11/2024 10:22	64101 REFR_T1	0	1	1	0	0.1	0.1	-0.07	-0.13	0	0	0	0	0	0
1/11/2024 10:23	57403 SPAN_T1	29	36	7	0.3	0.31	0.01	0.11	0.12	0	0	0	0	0	0
1/11/2024 10:23	67001 STHI_T2	371	600	229	0.17	0.28	0.11	0	0	0	0	0	0	0	0
1/11/2024 10:23	43402 BENT_T1	0	0	0	0	0	0	-0.9	-0.91	1	1	0	900	900	0
1/11/2024 10:23	57403 SPAN_T1	29	36	7	0.3	0.31	0.01	0.11	0.12	0	0	0	0	0	0
1/11/2024 10:24	29402 BELT_T1	1	1	0	6.4	6.4	0	0

Appendix C - Grid Benefits Achieved in Each Instance of Active Management

1/11/2024 10:43	67402 WAKE_T2	0	0	0	0	0	0	0.51	0.5	1	1	0	600	600	0
1/11/2024 10:43	61801 EELI_T2	0	0	0	0	0	0	-0.37	-0.37	0	0	0	0	0	0
1/11/2024 10:44	65005 NEFF_T2	1	1	0	0.3	0.6	0.3	0	0	0	0	0	0	0	0
1/11/2024 10:44	64204 KINZ_T1	1	1	0	0.9	1	0.1	0	0	0	0	0	0	0	0
1/11/2024 10:44	54505 ENOL_T2	1	2	1	0.8	0.55	-0.25	-1.25	-1.26	1	1	0	600	600	0
1/11/2024 10:45	54505 ENOL_T2	2	1	-1	0.55	1	0.45	0	0	0	0	0	0	0	0
1/11/2024 10:45	54501 ENOL_T2	0	0	0	0	0	0	0.17	0.13	0	0	0	0	0	0
1/11/2024 10:45	40902 JESH_T1	0	1	1	0	0.2	0.2	-0.45	-0.44	0	0	0	0	0	0
1/11/2024 10:46	50105 HARR_T3	13	14	1	3.4	3.66	0.26	0	0	0	0	0	0	0	0
1/11/2024 10:48	55002 NEWP_T1	7	8	1	1.07	0.99	-0.08	-0.18	-0.16	0	0	0	0	0	0
1/11/2024 10:48	40602 PIGR_T1	0	0	0	0	0	0	-0.55	-0.58	0	0	0	0	0	0
1/11/2024 10:49	55001 NEWP_T1	1	13	12	0.9	0.3	-0.6	-0.34	-0.42	0	0	0	0	0	0
1/11/2024 10:49	54206 PENN_T2	24	38	14	0.13	0.13	0	0	0	0	0	0	0	0	0
1/11/2024 10:50	55001 NEWP_T1	1	13	12	0.9	0.3	-0.6	-0.17	-0.21	0	0	0	0	0	0
1/11/2024 10:50	57403 SPAN_T1	13	20	7	0.25	0.32	0.07	0	0	0	0	0	0	0	0
1/11/2024 10:50	59102 WALK_T2	0	3	3	0	0.2	0.2	0	0	0	0	0	0	0	0
1/11/2024 10:50	67002 STHI_T2	347	386	39	0.22	0.25	0.03	0	0	0	0	0	0	0	0
1/11/2024 10:52	44801 EDAN_T2	5	4	-1	0.68	2.8	2.12	0	0	0	0	0	0	0	0
1/11/2024 10:52	57401 SPAN_T1	53	79	26	0.25	0.21	-0.04	-1.09	-1.1	1	1	0	600	600	0
1/11/2024 10:52	57401 SPAN_T1	53	79	26	0.25	0.21	-0.04	-1.09	-1.1	1	1	0	600	600	0
1/11/2024 10:52	67002 STHI_T2	347	386	39	0.22	0.25	0.03	0	0	0	0	0	0	0	0
1/11/2024 10:53	44802 EDAN_T2	0	0	0	0	0	0	-4.18	-4.29	2	2	0	2400	2400	0
1/11/2024 10:53	65001 NEFF_T2	0	0	0	0	0	0	-0.44	-0.54	1	1	0	1200	1200	0
1/11/2024 10:53	55105 WERT_T1	1	2	1	0.3	0.2	-0.1	-0.61	-0.61	1	1	0	900	900	0
1/11/2024 10:53	16302 ALPA_T2	0	0	0	0	0	0	-1.85	-1.62	0	0	0	0	0	0
1/11/2024 10:53	45402 WBLO_T2	6	0	-6	0.12	0	-0.12	-0.71	-0.67	0	0	0	0	0	0
1/11/2024 10:54	67204 TEHI_T2	0	0	0	0	0	0	-0.07	-0.12	0	0	0	0	0	0
1/11/2024 10:54	44802 EDAN_T2	0	0	0	0	0	0	-6.27	-6.44	3	3	0	3600	3600	0
1/11/2024 10:54	51107 CARL_T1	0	0	0	0	0	0	0.02	0.09	0	0	0	0	0	0
1/11/2024 10:54	42201 SHEN_T2	0	0	0	0	0	0	-0.5	-0.51	1	1	0	600	600	0
1/11/2024 10:54	16302 ALPA_T2	0	0	0	0	0	0	-1.08	-1.15	0	0	0	0	0	0
1/11/2024 10:54	67503 WEWI_T2	0	0	0	0	0	0	-0.27	-0.35	0	0	0	0	0	0
1/11/2024 10:54	67901 WNHO_T2	0	0	0	0	0	0	0.32	0.34	1	1	0	900	900	0
1/11/2024 10:55	61701 ELIZ_T1	2	2	0	3.45	3.55	0.1	0	0	0	0	0	0	0	0
1/11/2024 10:55	54505 ENOL_T2	2	1	-1	0.55	1	0.45	-1.26	-1.26	1	1	0	600	600	0
1/11/2024 10:55	60201 ATGL_T2	0	0	0	0	0	0	-0.02	0.02	1	1	0	600	600	0
1/11/2024 10:56	29401 BELT_T1	0	59	59	0	0.28	0.28	0	0	1	1	0	900	900	0
1/11/2024 10:57	61703 ELIZ_T1	249	257	8	0.65	0.92	0.27	-2.98	-2.59	2	2	0	2100	2100	0
1/11/2024 10:57	54501 ENOL_T2	0	0	0	0	0	0	0.13	0.14	0	0	0	0	0	0
1/11/2024 10:58	61703 ELIZ_T1	249	257	8	0.65	0.92	0.27	-2.98	-2.59	2	2	0	2100	2100	0
1/11/2024 10:58	45702 LIND_T2	0	1	1	0	0.3	0.3	-0.35	-0.46	0	0	0	0	0	0
1/11/2024 10:58	29402 BELT_T1	1	2	1	6.2	4.15	-2.05	0	0	0	0	0	0	0	0
1/11/2024 10:58	22101 EDEL_T2	0	0	0	0	0	0	0.48	0.48	1	1	0	1200	1200	0
1/11/2024 10:59	52002 LING_T2	1	1	0	0.8	0.9	0.1	0	0	0	0	0	0	0	0
1/11/2024 10:59	61703 ELIZ_T1	249	257	8	0.65	0.92	0.27	-2.98	-2.59	2	2	0	2100	2100	0
1/11/2024 10:59	42902 MIDD_T2	0	0	0	0	0	0	-0.66	-0.69	1	1	0	600	600	0
1/11/2024 10:59	52102 MEIS_T1	0	1	1	0	0.5	0.5	0	0	1	1	0	450	450	0
1/11/2024 11:00	59003 MIFF_T1	0	1	1	0	0.3	0.3	-0.38	-1.14	0	0	0	0	0	0
1/11/2024 11:00	52402 GRPA_T2	10	10	0	0.99	1.17	0.18	0	0	0	0	0	0	0	0
1/11/2024 11:03	56501 ROCK_T2	3	3	0	0.17	0.23	0.06	-1.78	-1.83	0	0	0	0	0	0
1/11/2024 11:03	59003 MIFF_T1	0	1	1	0	0.3	0.3	-0.38	-1.14	0	0	0	0	0	0
1/11/2024 11:04	59003 MIFF_T1	0	1	1	0	0.3	0.3	-0.76	-2.28	0	0	0	0	0	0
1/11/2024 11:04	40603 PIGR_T1	0	2	2	0	0.15	0.15	0	0	0	0	0	0	0	0
1/11/2024 11:04	44601 SALE_T2	0	0	0	0	0	0	0.66	0.58	1	1	0	600	600	0
1/11/2024 11:05	52501 PROG_T1	0	2	2	0	0.2	0.2	0.29	0.3	1	1	0	300	300	0
1/11/2024 11:05	57401 SPAN_T1	16	110	94	0.26	0.31	0.05	0	0	0	0	0	0	0	0
1/11/2024 11:06	53101 WTWN_T1	3	3	0	0.23	1.17	0.94	0	0	0	0	0	0	0	0
1/11/2024 11:07	57403 SPAN_T1	16	25	9	0.23	0.35	0.12	0	0	0	0	0	0	0	0
1/11/2024 11:08	27502 WEIS_T2	0	0	0	0	0	0	-0.38	-0.41	0	0	0	0	0	0
1/11/2024 11:08	60201 ATGL_T2	0	0	0	0	0	0	-0.02	0.02	1	1	0	600	600	0
1/11/2024 11:08	24901 WHHA_T1	0	0	0	0	0	0	-0.48	-0.44	0	0	0	0	0	0
1/11/2024 11:08	57403 SPAN_T1	16	25	9	0.23	0.35	0.12	0.09	0.1	0	0	0	0	0	0
1/11/2024 11:08	61306 EARL_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1/11/2024 11:09	59102 WALK_T2	0	3	3	0	0.2	0.2	0	0	0	0	0	0	0	0
1/11/2024 11:10	41801 GOCI_T2	2	20	18	0.2	0.23	0.03	0	0	0	0	0	0	0	0
1/11/2024 11:10	67901 WNHO_T2	0	0	0	0	0	0	0.34	0.29	1	1	0	900	900	0
1/11/2024 11:10	59101 WALK_T2	1	1	0	0	0	0	2.07	1.85	0	0	0	0	0	0
1/11/2024 11:10	54502 ENOL_T2	1	1	0	0.5	0.8	0.3	0	0	0	0	0	0	0	0
1/11/2024 11:11	53101 WTWN_T1	3	3	0	0.23	1.17	0.94	0	0	0	0	0	0	0	0
1/11/2024 11:13	47002 HUGH_T2	0	4	4	0	0.23	0.23	0	0	0	0	0	0	0	0
1/11/2024 11:13	23301 JEFF_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1/11/2024 11:14	40101 HUNT_T2	1	7	6	0.5	0.3	-0.2	-0.72	-0.83	0	0	0	0	0	0
1/11/2024 11:15	47002 HUGH_T2	0	4	4	0	0.23	0.23	0	0	0	0	0	0	0	0
1/11/2024 11:15	53902 HALI_T2	0	0	0	0	0	0	-0.88	-0.86	0	0	0	0	0	0
1/11/2024 11:17	52502 PROG_T2	0	0	0	0	0	0	0.34	0.32	0	0	0	0	0	0
1/11/2024 11:18	57403 SPAN_T1	17	148	131	0.35	0.26	-0.09	0	0	0	0	0	0	0	0
1/11/2024 11:19	67001 STHI_T2	602	421	-181	0.3	0.17	-0.13	0	0	0	0	0	0	0	0
1/11/2024 11:20	40602 PIGR_T1	0	2	2	0	0.2	0.2	-0.63	-0.58	0	0	0	0	0	0
1/11/2024 11:20	67001 STHI_T2	602	421	-181	0.3	0.17	-0.13	0	0	0	0	0	0	0	0
1/11/2024 11:20	66901 SHIL_T2	253	143	-110	0.3	0.19	-0.11	0	0	0	0	0	0	0	0
1/11/2024 11:20	54204 PENN_T2	0	1	1	0	0.1	0.1	0	0	0	0	0	0	0	0
1/11/2024 11:20	56504 ROCK_T2	1	1	0	0.1	0.1	0	-0.24	-0.14	0	0	0	0	0	0
1/11/2024 11:21	56501 ROCK_T2	3	4	1	0.23	0.2	-0.03	0	0	0	0	0	0	0	0
1/11/2024 11:22	16301 ALPA_T1	1	2	1	0.2	0.25	0.05	-0.35	-0.37	0	0	0	0	0	0
1/11/2024 11:22	42201 SHEN_T2	0	0	0	0	0	0	-0.51	-0.47	1	1	0	600	600	0
1/11/2024 11:23	56801 BENV_T1	39	35	-4	0.74	0.72	-0.02	-0.7	-0.75	1	1	0	600	600	0
1/11/2024 11:23	67002 STHI_T2	375	151	-224	0.25	0.22	-0.03	1.34	1.34	0	0	0	0	0	0
1/11/2024 11:23	67603 WARW_T1	0	1	1	0	0.2	0.2	0	0	0	0	0	0	0	0
1/11/2024 11:23	44802 EDAN_T2	0	0	0	0	0	0	-2.16	-2.14	1	1	0	1200	1200	0
1/11/2024 11:23	66903 SHIL_T2	0	0	0	0	0	0	-0.95	-0.96	0	0	0	0	0	0
1/11/2024 11:23	56802 BENV_T2	4	3	-1	0.9	0.93	0.03	-1.14	-1.1	0	0	0	0	0	0
1/11/2024 11:23	67502 WEWI_T2	2	5	3	0.75	0.58	-0.17	-0.12	-0.17	0	0	0	0	0	0
1/11/2024 11:24	67001 STHI_T2	602	421	-181	0.3	0.17	-0.13	0	0	0	0	0	0	0	0
1/11/2024 11:24	44801 EDAN_T2	2	2	0	1.5	2.3	0.8	0	0	0	0	0	0	0	0
1/11/2024 11:24	67402 WAKE_T2	0	0	0	0	0	0	0.51	0.51	1	1	0	600	600	0
1/11/2024 11:24	57403 SPAN_T1	17	148	131	0.35	0.26	-0.09	0.08	0.08	0	0	0	0	0	0
1/11/2024 11:25	56801 BENV_T1	39	35	-4	0.74	0.72	-0.02	-0.75	-0.77	1	1	0	600	600	0
1/11/2024 11:25	67503 WEWI_T2	0	0	0	0	0	0	-0.2	-0.32	0	0	0	0	0	0
1/11/2024 11:25	67502 WEWI_T2	2	5	3	0.75	0.58	-0.17	-0.34	-0.19	0	0	0	0	0	0
1/11/2024 11:25	44802 EDAN_T2	0	0	0	0	0	0	-2.16	-2.14	1	1	0	1200	1200	0
1/11/2024 11:25	16301 ALPA_T1	1	2	1	0.2	0.25	0.05	-0.74	-0.76	0	0	0	0	0	0
1/11/2024 11:26	53901 HALI_T2	2	6	4	0.75	0.43	-0.32	0	0	0	0	0	0	0	0
1/11/2024 11:26	16301 ALPA_T1	1	2	1	0.2	0.25	0.05	-0.74	-0.76	0	0	0	0	0	0
1/11/2024 11:26	44802 EDAN_T2	0	0	0	0	0	0	-2.16	-2.14	1	1	0	1200	1200	0
1/11/2024 11:26	60901 DONG_T2	1	2	1	0.3	0.3	0	0	0	0	0	0	0	0	0
1/11/2024 11:26	54505 ENOL_T2	1	2	1	1	0.65	-0.35	-1.27	-1.28	1	1	0	600	600	0
1/11/2024 11:27	54505 ENOL_T2	1	2	1	1	0.65	-0.35	-1.27	-1.28	1	1	0	600	600	0
1/11/2024 11:28	40101 HUNT_T2	3	4	1	0.4	0.4	0	-0.83	-0.98	0	0	0	0	0	0
1/11/2024 11:29	54505 ENOL_T2	1	2	1	1	0.65	-0.35	0	0	0	0	0	0	0	0
1/11/2024 11:30	67401 WAKE_T2	1	1	0	7	5.2	-1.8	0	0	0	0	0	0	0	0
1/11/2024 11:30	65502 MOJO_T2	6	162	156	0.12	0.14	0.02	-1.04	-1.02	1	1	0	900	900	0
1/11/2024 11:30	40101 HUNT_T2	4	1	-3	0.15	0.5	0.35	-1.25	-1.47	0	0	0	0	0	0
1/11/2024 11:30	64204 KINZ_T1	1	2	1	1.2	0.8	-0.4	0	0	0	0	0	0	0	0
1/11/2024 11:31	54204 PENN_T2	1	2	1	0.1	0.15	0.05	0	0	0	0	0	0	0	0
1/11/2024 11:31	13503 MCMI_T2	0	0	0	0	0	0	0.18	0.17	0	0	0	0	0	0
1/11/2024 11:31	44801 EDAN_T2	1	2	1	2.5	2.3	-0.2	0	0	0	0	0	0	0	0
1/11/2024 11:32	13302 ORVI_T2	3	6	3	0.33	0.53	0.2	1.13	1.17	0	0	0	0	0	0
1/11/2024 11:33	46903 MNTG_T2	1	5	4	0.2	0.36	0.16	0.09	0	1	1	0	600	600	0
1/11/2024 11:33	46901 MNTG_T2	0	0	0	0	0	0	0.55	0.33	1	1	0	1200	1200	0
1/11/2024 11:33	58401 MORO_T1	1	3	2	0.2	0.23	0.03	0	0	0	0	0	0	0	0
1/11/2024 11:34	13302 ORVI_T2	3	6	3	0.33	0.53	0.2	1.13	1.17	0	0	0	0	0	0
1/11/2024 11:34	66501 SMAN_T2	2	2	0	1	1.25	0.25	0	0	0	0	0	0	0	0
1/11/2024 11:34	65503 MOJO_T2	9	41	32	0.27	0.18	-0.09	-1.24	-1.26	1	1	0	900	900	0
1/11/2024 11:35	66504 SMAN_T2	1	5	4	0.7	0.44	-0.26	-0.7	-0.85	0	0	0	0	0	0
1/11/2024 11:35	54206 PENN_T2	53	75	22	0.2	0.2	0	0	0	0	0	0	0	0	0
1/11/2024 11:35	58402 MORO_T1	0	0	0	0	0	0	-0.11	-0.18	2	2	0	1500	1500	0
1/11/2024 11:35	67204 TEHI_T2	0	1	1	0	0.2	0.2	-0.05	-0.05	0	0	0	0	0	0
1/11/2024 11:36	66504 SMAN_T2	1	5	4	0.7	0.44	-0.26	-0.35	-0.43	0	0	0	0	0	0
1/11/2024 11:36	66302 MCGD_T2	1	1	0	0.9	2.4	1.5	-1.35	-1.54	1	1	0	600	600	0
1/11/2024 11:36	67201 TEHI_T1	2	2	0	0.15	0.55	0.4	-0.03	0.75	1	1	0	600	600	0
1/11/2024 11:36	13302 ORVI_T2	3	6	3	0.33	0.53	0.2	2.27	2.35	0	0	0	0	0	0
1/11/2024 11:36	16302 ALPA_T2	0	0	0	0	0	0	1.49	1.44	0	0	0	0	0	0
1/11/2024 11:37	60201 ATGL_T2	0	0	0	0	0	0	-0.01	0.56	0	0	-1	600	0	-600
1/11/2024 11:37	67201 TEHI_T1	2	2	0	0.15	0.55	0.4	0	0	0	0	0	0	0	0
1/11/2024 11:37	64101 REFR_T1	0	1	1	0	0.1	0.1	-0.34	-0.34	0	0	0	0	0	0
1/11/2024 11:38	64101 REFR_T1	0	1	1	0	0.1	0.1	-0.07	-0.07	0	0	0	0	0	0
1/11/2024 11:39	66501 SMAN_T2	2	2	0	1	1.25	0.25	0	0	0	0	0	0	0	0
1/11/2024 11:39	66702 STRA_T1	1	1	0	0.4	0.5	0.1	0	0	0	0	0	0	0	0
1/11/2024 11:39	10705 CATA_T2	0	0	0	0	0	0	-0.9	-0.92	1	1	0	900	900	0
1/11/2024 11:39	61306 EARL_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1/11/2024 11:39	60201 ATGL_T2	0	0	0	0	0	0	0.56	0.63	1	0	-1	600	0	-600
1/11/2024 11:39	61701 ELIZ_T1	2	2	0	3.5	3.45	-0.05	0	0	0	0	0	0	0	0
1/11/2024 11:39	44802 EDAN_T2	0	0	0	0	0	0	-2.14	-2.19	1	1	0	1200	1200	0
1/11/2024 11:40	24901 WHHA_T1	0	1	1	0	0.5	0.5	-0.41	-0.47	0	0	0	0	0	0
1/11/2024 11:40	44802 EDAN_T2	0	0	0	0	0	0	-4.28	-4.38	2	2	0	2400	2400	0
1/11/2024 11:40	61703 ELIZ_T1	251	225	-26	0.65	0.34	-0.31	-2.1	-2.12	1	1	0	900	900	0
1/11/2024 11:40	61302 EARL_T1	0	1	1	0	0.2	0.2	0	0	0	0	0	0	0	0
1/11/2024 11:40	16302 ALPA_T2	0	0	0	0	0	0	1.44	1.37	0	0	0	0	0	0
1/11/2024 11:40	60803 BUCK_T1	3	5	2	0.3	0.28	-0.02	-0.54	-0.52	1	1	0	600	600	0
1/11/2024 11:40	42501 ALTA_T2	0	0	0	0	0	0	-1.3	-1.31	1	1	0	600	600	0
1/11/2024 11:41	10702 CATA_T2	1	1	0	0.1	0.2	0.1	0	0	0	0	0	0	0	0
1/11/2024 11:41	44802 EDAN_T2	0	0	0	0	0	0	-4.28	-4.38	2	2	0	2400	2400	0
1/11/2024 11:41	60101 COCA_T1	0	1	1	0	0.1	0.1	0.33	0.35	0	0	0	0	0	0
1/11/2024 11:41	45501 DERR_T2	0	0	0	0	0	0	0.56	0.66	2	2	0	1800	1800	0
1/11/2024 11:42	60801 BUCK_T1	0	0	0	0	0	0	0.08	0.04	0	0	0	0	0	0
1/11/2024 11:42	60701 BREC_T1	4	11	7	0.33	0.25	-0.08	-0.39	0.22	2	1	-1	1200	600	-600
1/11/2024 11:42	60801 BUCK_T1	0	0	0	0	0	0	0.08	0.04	0	0	0	0	0	0
1/11/2024 11:42	10702 CATA_T2	1	1	0	0.1	0.2	0.1	0	0	0	0	0	0	0	0
1/11/2024 11:42	45501 DERR_T2	0	0	0	0	0	0	0.56	0.66	2	2	0	1800	1800	0
1/11/2024 11:42	45802 HEGI_T2	0	0	0	0	0	0	0.98	0.88	2	2	0	600	600	0
1/11/2024 11:42	61703 ELIZ_T1	251	225	-26	0.65	0.34	-0.31	-2.1	-2.12	1	1	0	900	900	0
1/11/2024 11:43	50502 MECH_T1	1	1	0	1.7	2.5	0.8	0	0	0	0	0	0	0	0
1/11/2024 11:43	60101 COCA_T1	0	1	1	0	0.1	0.1	0.33	0.35	0	0	0	0	0	0
1/11/2024 11:43	60701 BREC_T1	4	11	7	0.33	0.25	-0.08	-0.39	0.22	2	1	-1	1200	600	-600
1/11/2024 11:44	63602 LETO_T1	1	3	2	0.1	0.33	0.23	-0.45	-0.5	0	0	0	0	0	0
1/11/2024 11:44	41601 CLEV_T1	0	1	1	0	0.8	0.8	0	0	0	0	0	0	0	0
1/11/2024 11:44	48902 FOSP_T2	0	0	0	0	0	0	-0.62	-0.25	1	0	-1	1200	0	-1200
1/11/2024 11:45	46504 LOHA_T1	5	2	-3	0.28	0.75	0.47	0	0	0	0	0	0	0	0
1/11/2024 11:45	64305 LINC_T1	2	3	1	0.15	0.17	0.02	0	0	0	0	0	0	0	0
1/11/2024 11:45	65004 NEFF_T2	1	8	7	1	0.3	-0.7	0	0	0	0	0	0	0	0
1/11/2024 11:45	63601 LETO_T1	0	1	1	0	0.3	0.3	0	0	0	0	0	0	0	0
1/11/2024 11:45	64902 MILL_T2	0	0	0	0	0	0	0.2	0.24	0	0	0	0	0	0
1/11/2024 11:46	42903 MIDD_T2	2	2	0	0.65	0.95	0.3	0	0	0	0	0	0	0	0
1/11/2024 11:47	65003 NEFF_T2	18	121	103	0.25	0.24	-0.01	0	0	0	0	0	0	0	0
1/11/2024 11:47	65002 NEFF_T2	0	15	15	0	0.11	0.11	0	0	0	0	0	0	0	0
1/11/2024 11:47	59003 MIFF_T1	0	0	0	0	0	0	-0.27	-0.33	0	0	0	0	0	0
1/11/2024 11:48	58401 MORO_T1	0	3	3	0	0.37	0.37

1/11/2024 12:13	52403 GRPA_T2	2	4	2	0.35	0.4	0.05	0	0.06	0	0	0	0	0	0
1/11/2024 12:14	65002 NEFF_T2	1	15	14	0.1	0.11	0.01	0	0	0	0	0	0	0	0
1/11/2024 12:14	41502 FAIR_T2	0	0	0	0	0	0	-1.67	-1.69	1	1	0	900	900	0
1/11/2024 12:14	40101 HUNT_T2	1	0	-1	0.5	0	-0.5	-0.94	-0.92	0	0	0	0	0	0
1/11/2024 12:14	61802 EELI_T2	0	0	0	0	0	0	-0.42	-0.42	0	0	0	0	0	0
1/11/2024 12:14	50502 MECH_T1	1	1	0	2.5	2.9	0.4	0	0	0	0	0	0	0	0
1/11/2024 12:16	40101 HUNT_T2	0	2	2	0	0	0	-0.94	-0.92	0	0	0	0	0	0
1/11/2024 12:17	13503 MCMI_T2	0	0	0	0	0	0	0.14	0.1	0	0	0	0	0	0
1/11/2024 12:17	64902 MILL_T2	0	0	0	0	0	0	0.24	0.22	0	0	0	0	0	0
1/11/2024 12:20	50701 SMEC_T1	7	8	1	0.73	0.71	-0.02	0.08	0	0	0	0	0	0	0
1/11/2024 12:22	44802 EDAN_T2	1	3	1	0	0.2	0.2	-4.48	-4.52	2	2	0	2400	2400	0
1/11/2024 12:22	51304 WIND_T2	1	0	-1	0.1	0	-0.1	0	0	0	0	0	0	0	0
1/11/2024 12:23	44801 EDAN_T2	1	1	0	2.1	2.3	0.2	0	0	0	0	0	0	0	0
1/11/2024 12:23	50701 SMEC_T1	7	8	1	0.73	0.71	-0.02	0.16	0	0	0	0	0	0	0
1/11/2024 12:26	44801 EDAN_T2	1	3	0	2.1	2.3	0.2	0	0	0	0	0	0	0	0
1/11/2024 12:28	50501 MECH_T1	9	6	-3	0.97	1.38	0.41	0	0	0	0	0	0	0	0
1/11/2024 12:29	11104 EGYP_T1	2	0	-2	0.2	0	-0.2	0	0	0	0	0	0	0	0
1/11/2024 12:30	58401 MORO_T1	3	4	1	0.43	0.28	-0.15	0	0	0	0	0	0	0	0
1/11/2024 12:30	50506 MECH_T1	71	113	42	0.15	0.15	0	-0.06	-0.09	0	0	0	0	0	0
1/11/2024 12:31	58401 MORO_T1	3	4	1	0.43	0.28	-0.15	-2.06	-2.1	2	2	0	1200	1200	0
1/11/2024 12:32	44301 BEAV_T2	0	1	1	0	1.4	1.4	-0.84	0.11	2	2	0	1500	1500	0
1/11/2024 12:33	61304 EARL_T1	1	1	0	0.6	0	-0.6	0	0	0	0	0	0	0	0
1/11/2024 12:33	42902 MIDD_T2	0	0	0	0	0	0	-0.11	-0.16	0	0	0	0	0	0
1/11/2024 12:33	58401 MORO_T1	3	4	1	0.43	0.28	-0.15	-2.06	-2.1	2	2	0	1200	1200	0
1/11/2024 12:34	64101 REFR_T1	0	0	0	0	0	0	-0.13	-0.1	0	0	0	0	0	0
1/11/2024 12:34	14403 SSLA_T1	1	1	0	0.2	0.1	-0.1	0.78	0.82	0	0	0	0	0	0
1/11/2024 12:34	58401 MORO_T1	3	4	1	0.43	0.28	-0.15	-4.11	-4.19	4	4	0	2400	2400	0
1/11/2024 12:35	58401 MORO_T1	3	4	1	0.43	0.28	-0.15	-1.03	-1.05	1	1	0	600	600	0
1/11/2024 12:35	64101 REFR_T1	0	0	0	0	0	0	-0.13	-0.1	0	0	0	0	0	0
1/11/2024 12:36	64101 REFR_T1	0	0	0	0	0	0	-0.27	-0.2	0	0	0	0	0	0
1/11/2024 12:37	64101 REFR_T1	0	0	0	0	0	0	-0.13	-0.1	0	0	0	0	0	0
1/11/2024 12:39	58003 WCAR_T1	5	2	-3	0.5	0.75	0.25	0	0	2	2	0	1200	1200	0
1/11/2024 12:39	55105 WERT_T1	2	3	1	0.25	0.3	0.05	-0.68	-0.68	1	1	0	900	900	0
1/11/2024 12:46	40101 HUNT_T2	2	16	14	0.45	0.48	0.03	-1	-0.95	0	0	0	0	0	0
1/11/2024 12:52	28604 BLYT_T2	0	0	0	0	0	0	-1.41	-1.42	0	0	0	0	0	0
1/11/2024 12:54	28604 BLYT_T2	0	0	0	0	0	0	-1.42	-1.4	0	0	0	0	0	0
1/11/2024 12:55	45501 DERR_T2	0	0	0	0	0	0	0.59	0.59	2	2	0	1800	1800	0
1/11/2024 12:56	61701 ELIZ_T1	2	2	0	2.9	2.95	0.05	0	0	0	0	0	0	0	0
1/11/2024 12:56	28604 BLYT_T2	0	0	0	0	0	0	-1.42	-1.4	0	0	0	0	0	0
1/11/2024 12:58	61703 ELIZ_T1	58	191	133	0.23	0.35	0.12	-2.3	-1.93	1	1	0	900	900	0
1/11/2024 12:59	61703 ELIZ_T1	58	191	133	0.23	0.35	0.12	-2.3	-1.93	1	1	0	900	900	0
1/11/2024 13:04	13302 ORVI_T2	1	2	1	1.2	0.9	-0.3	1.08	1	0	0	0	0	0	0
1/11/2024 13:06	13302 ORVI_T2	1	2	1	1.2	0.9	-0.3	1.08	1	0	0	0	0	0	0
1/11/2024 13:07	14802 TREI_T2	0	0	0	0	0	0	0.36	0.37	0	0	0	0	0	0
1/11/2024 13:08	14802 TREI_T2	0	0	0	0	0	0	0.36	0.37	0	0	0	0	0	0
1/11/2024 13:09	67204 TEHI_T2	0	0	0	0	0	0	-0.12	-0.11	0	0	0	0	0	0
1/11/2024 13:09	67201 TEHI_T1	0	0	0	0	0	0	0.81	0.79	1	1	0	600	600	0
1/11/2024 13:11	67203 TEHI_T1	0	0	0	0	0	0	1.53	1.63	3	3	0	2100	2100	0
1/11/2024 13:18	58402 MORO_T1	0	0	0	0	0	0	-0.11	-0.09	2	2	0	1500	1500	0
1/11/2024 13:22	60803 BUCK_T1	1	0	-1	0.2	0	-0.2	-0.54	-0.52	1	1	0	600	600	0
1/11/2024 13:26	28604 BLYT_T2	0	0	0	0	0	0	-1.44	-1.42	0	0	0	0	0	0
1/11/2024 13:29	59302 MCAL_T1	0	0	0	0	0	0	-0.09	-0.09	1	1	0	600	600	0
1/11/2024 13:30	28604 BLYT_T2	0	0	0	0	0	0	-1.44	-1.42	0	0	0	0	0	0
1/11/2024 13:37	50506 MECH_T1	10	362	352	0.31	0.17	-0.14	0	0	0	0	0	0	0	0
1/11/2024 13:41	65001 NEFF_T2	0	6	6	0	0.13	0.13	-0.51	-0.76	1	1	0	1200	1200	0
1/11/2024 13:48	64101 REFR_T1	0	2	2	0	0.2	0.2	-0.14	-0.08	0	0	0	0	0	0
1/11/2024 13:49	58401 MORO_T1	2	0	-2	0.2	0	-0.2	0	0	0	0	0	0	0	0
1/11/2024 13:50	64101 REFR_T1	0	2	2	0	0.2	0.2	-0.14	-0.08	0	0	0	0	0	0
1/11/2024 13:52	64101 REFR_T1	0	2	2	0	0.2	0.2	-0.14	-0.08	0	0	0	0	0	0
1/11/2024 13:52	50701 SMEC_T1	6	7	1	0.96	0.8	-0.16	0.09	0.01	0	0	0	0	0	0
1/11/2024 13:58	47901 HRDG_T1	0	0	0	0	0	0	1.4	1.55	0	0	0	0	0	0
1/11/2024 14:01	59301 MCAL_T1	2	3	1	0.8	0.7	-0.1	0	0	0	0	0	0	0	0
1/11/2024 14:01	47901 HRDG_T1	0	0	0	0	0	0	1.4	1.55	0	0	0	0	0	0
1/11/2024 14:04	13302 ORVI_T2	2	2	0	1.15	0.8	-0.35	0.92	0.86	0	0	0	0	0	0
1/11/2024 14:06	67605 WARW_T1	10	15	5	0.3	0.39	0.09	-1.17	-1.19	0	0	0	0	0	0
1/11/2024 14:07	67605 WARW_T1	10	15	5	0.3	0.39	0.09	-1.17	-1.19	0	0	0	0	0	0
1/11/2024 14:08	46203 DANV_T2	0	0	0	0	0	0	-0.03	-0.03	0	0	0	0	0	0
1/11/2024 14:08	46203 DANV_T2	0	0	0	0	0	0	-0.03	-0.03	0	0	0	0	0	0
1/11/2024 14:08	14404 SSLA_T1	1	1	0	0.1	0	-0.1	0	0	0	0	0	0	0	0
1/11/2024 14:09	60201 ATGL_T2	0	0	0	0	0	0	0.44	0.74	0	0	0	0	0	0
1/11/2024 14:10	46206 DANV_T2	0	0	0	0	0	0	2.07	2.04	1	1	0	1200	1200	0
1/11/2024 14:10	67605 WARW_T1	10	15	5	0.3	0.39	0.09	-1.19	-1.22	0	0	0	0	0	0
1/11/2024 14:11	60201 ATGL_T2	0	0	0	0	0	0	0.44	0.74	0	0	0	0	0	0
1/11/2024 14:11	46203 DANV_T2	0	0	0	0	0	0	-0.06	-0.06	0	0	0	0	0	0
1/11/2024 14:11	46203 DANV_T2	0	0	0	0	0	0	-0.06	-0.06	0	0	0	0	0	0
1/11/2024 14:16	59003 MIFF_T1	1	0	-1	0.2	0	-0.2	-0.41	-0.38	0	0	0	0	0	0
1/11/2024 14:16	47403 PENS_T1	1	1	0	1.9	1.5	-0.4	0	0	0	0	0	0	0	0
1/11/2024 14:17	47401 PENS_T1	0	0	0	0	0	0	0.81	0.72	0	0	0	0	0	0
1/11/2024 14:18	47401 PENS_T1	0	0	0	0	0	0	1.62	1.45	0	0	0	0	0	0
1/11/2024 14:18	61303 EARL_T1	0	0	0	0	0	0	0.99	1.08	0	0	0	0	0	0
1/11/2024 14:18	65503 MOJO_T2	18	33	15	0.17	0.23	0.06	0	0	0	0	0	0	0	0
1/11/2024 14:19	47403 PENS_T1	1	1	0	1.9	1.5	-0.4	0	0	0	0	0	0	0	0
1/11/2024 14:20	61303 EARL_T1	0	0	0	0	0	0	0.49	0.54	0	0	0	0	0	0
1/11/2024 14:22	67103 SPRI_T1	0	0	0	0	0	0	-0.14	-0.1	0	0	0	0	0	0
1/11/2024 14:23	60305 TWVA_T2	0	0	0	0	0	0	2.1	1.54	0	0	0	0	0	0
1/11/2024 14:24	16301 ALPA_T1	8	28	20	0.24	0.14	-0.1	-1.14	-1.16	0	0	0	0	0	0
1/11/2024 14:25	60803 BUCK_T1	0	0	0	0	0	0	-0.54	-0.54	1	1	0	600	600	0
1/11/2024 14:26	40101 HUNT_T2	0	6	6	0	0	0	-0.4	-0.36	0	0	0	0	0	0
1/11/2024 14:26	16301 ALPA_T1	8	28	20	0.24	0.14	-0.1	-0.76	-0.78	0	0	0	0	0	0
1/11/2024 14:29	12701 MACU_T1	0	0	0	0	0	0	0.06	0.1	0	0	0	0	0	0
1/11/2024 14:30	12701 MACU_T1	0	0	0	0	0	0	0.12	0.2	0	0	0	0	0	0
1/11/2024 14:30	45802 HEGI_T2	0	0	0	0	0	0	1.14	1.15	2	2	0	600	600	0
1/11/2024 14:31	16402 MOPO_T1	1	1	0	0.1	0	-0.1	0.44	0.41	0	0	0	0	0	0
1/11/2024 14:31	47403 PENS_T1	1	1	0	0.9	1.5	0.6	0	0	0	0	0	0	0	0
1/11/2024 14:32	47403 PENS_T1	1	1	0	0.9	1.5	0.6	0	0	0	0	0	0	0	0
1/11/2024 14:33	47401 PENS_T1	0	0	0	0	0	0	0.72	0.73	0	0	0	0	0	0
1/11/2024 14:33	12701 MACU_T1	0	0	0	0	0	0	0.06	0.1	0	0	0	0	0	0
1/11/2024 14:33	64101 REFR_T1	1	0	-1	3.4	0	-3.4	-0.13	-0.1	0	0	0	0	0	0
1/11/2024 14:34	47401 PENS_T1	0	0	0	0	0	0	1.45	1.47	0	0	0	0	0	0
1/11/2024 14:35	60504 NMAN_T2	1	1	0	0.1	0.1	0	0	0	0	0	0	0	0	0
1/11/2024 14:35	47403 PENS_T1	1	1	0	0.9	1.5	0.6	0	0	0	0	0	0	0	0
1/11/2024 14:36	16301 ALPA_T1	8	28	20	0.2	0.14	-0.06	-0.38	-0.39	0	0	0	0	0	0
1/11/2024 14:37	64101 REFR_T1	1	0	-1	3.4	0	-3.4	-0.13	-0.1	0	0	0	0	0	0
1/11/2024 14:38	67103 SPRI_T1	0	0	0	0	0	0	-0.1	-0.07	0	0	0	0	0	0
1/11/2024 14:39	60305 TWVA_T2	0	0	0	0	0	0	1.2	1.25	0	0	0	0	0	0
1/11/2024 14:39	60803 BUCK_T1	0	0	0	0	0	0	-0.54	-0.54	1	1	0	600	600	0
1/11/2024 14:39	67401 WAKE_T2	0	0	0	0	0	0	-1.11	-1.09	0	0	0	0	0	0
1/11/2024 14:39	67502 WEWI_T2	16	23	7	0.24	0.22	-0.02	0	0	0	0	0	0	0	0
1/11/2024 14:40	60101 COCA_T1	0	0	0	0	0	0	0.26	0.28	0	0	0	0	0	0
1/11/2024 14:40	45501 DERR_T2	0	0	0	0	0	0	0.56	0.78	2	2	0	1800	1800	0
1/11/2024 14:40	46203 DANV_T2	0	0	0	0	0	0	-0.01	-0.01	0	0	0	0	0	0
1/11/2024 14:40	16301 ALPA_T1	8	28	20	0.2	0.14	-0.06	-0.78	-0.8	0	0	0	0	0	0
1/11/2024 14:40	41801 GOCI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1/11/2024 14:41	16301 ALPA_T1	8	28	20	0.2	0.14	-0.06	-0.39	-0.4	0	0	0	0	0	0
1/11/2024 14:41	67502 WEWI_T2	16	23	7	0.24	0.22	-0.02	0	0	0	0	0	0	0	0
1/11/2024 14:41	60201 ATGL_T2	0	0	0	0	0	0	0.48	0.57	0	0	0	0	0	0
1/11/2024 14:41	62607 ENGL_T1	0	0	0	0	0	0	-0.77	-0.74	0	0	0	0	0	0
1/11/2024 14:41	60803 BUCK_T1	0	0	0	0	0	0	-1.08	-1.08	2	2	0	1200	1200	0
1/11/2024 14:42	29401 BELT_T1	8	68	60	0.15	0.29	0.14	0	0	2	2	0	1800	1800	0
1/11/2024 14:42	46203 DANV_T2	0	0	0	0	0	0	-0.02	-0.02	0	0	0	0	0	0
1/11/2024 14:43	60101 COCA_T1	0	0	0	0	0	0	0.26	0.28	0	0	0	0	0	0
1/11/2024 14:43	63602 LETO_T1	3	32	29	0.2	0.11	-0.09	-0.52	-0.34	0	0	0	0	0	0
1/11/2024 14:45	52002 LING_T2	1	1	0	1.3	1.1	-0.2	0	0	0	0	0	0	0	0
1/11/2024 14:45	52101 MEIS_T1	1	1	0	0.9	0.8	-0.1	0	0	0	0	0	0	0	0
1/11/2024 14:45	12701 MACU_T1	0	0	0	0	0	0	0.2	0.2	0	0	0	0	0	0
1/11/2024 14:46	12701 MACU_T1	0	0	0	0	0	0	0.1	0.1	0	0	0	0	0	0
1/11/2024 14:46	13503 MCMI_T2	0	0	0	0	0	0	0.1	0.08	0	0	0	0	0	0
1/11/2024 14:46	52006 LING_T2	3	3	0	0.87	0.87	0	0	0	0	0	0	0	0	0
1/11/2024 14:46	52102 MEIS_T1	0	0	0	0	0	0	0	0	1	1	0	450	450	0
1/11/2024 14:47	16402 MOPO_T1	1	1	0	0.8	0	-0.8	0.21	0.1	0	0	0	0	0	0
1/11/2024 14:47	52102 MEIS_T1	0	0	0	0	0	0	0	0	1	1	0	450	450	0
1/11/2024 14:47	47403 PENS_T1	1	1	0	1.5	1.3	-0.2	0	0	0	0	0	0	0	0
1/11/2024 14:48	16402 MOPO_T1	1	1	0	0.8	0	-0.8	0.21	0.1	0	0	0	0	0	0
1/11/2024 14:48	47403 PENS_T1	1	1	0	1.5	1.3	-0.2	0	0	0	0	0	0	0	0
1/11/2024 14:49	57403 SPAN_T1	3	1	-2	0.33	0.7	0.37	0.04	0.05	0	0	0	0	0	0
1/11/2024 14:49	47403 PENS_T1	1	1	0	1.5	1.3	-0.2	0	0	0	0	0	0	0	0
1/11/2024 14:50	59402 RFLD_T2	0	0	0	0	0	0	-0.85	-0.87	1	1	0	450	450	0
1/11/2024 14:50	47403 PENS_T1	1	1	0	1.5	1.3	-0.2	0	0	0	0	0	0	0	0
1/11/2024 14:51	47403 PENS_T1	1	1	0	1.5	1.3	-0.2	0	0	0	0	0	0	0	0
1/11/2024 14:51	13105 NHAM_T2	0	0	0	0	0	0	-0.34	-0.36	1	1	0	1200	1200	0
1/11/2024 14:51	13302 ORVI_T2	2	1	-1	0.55	0.1	-0.45	0.86	0.91	0	0	0	0	0	0
1/11/2024 14:52	50701 SMEC_T1	0	2	2	0	0.6	0.6	-0.01	-0.01	0	0	0	0	0	0
1/11/2024 14:52	14801 TREI_T2	1	3	2	0.7	0.55	-0.15	0.32	0.32	0	0	0	0	0	0
1/11/2024 14:53	55105 WERT_T1	0	0	0	0	0	0	-0.73	-0.68	1	1	0	900	900	0
1/11/2024 14:56	48901 FOSP_T2	0	0	0	0	0	0	-0.4	-0.36	1	1	0	600	600	0
1/11/2024 14:57	50506 MECH_T1	13	502	489	0.12	0.14	0.02	-0.13	-0.13	0	0	0	0	0	0
1/11/2024 14:58	40101 HUNT_T2	0	7	7	0	0.47	0.47	-0.31	-0.31	0	0	0	0	0	0
1/11/2024 14:59	50502 MECH_T1	1	2	1	2.8	1.55	-1.25	0	0	0	0	0	0	0	0
1/11/2024 15:00	50504 MECH_T1	30	148	118	0.12	0.16	0.04	0	0	0	0	0	0	0	0
1/11/2024 15:00	48901 FOSP_T2	0	0	0	0	0	0	-0.8	-0.72	2	2	0	1200	1200	0
1/11/2024 15:00	40101 HUNT_T2	5	5	0	0.46	0.47	0.01	-0.63	-0.62	0	0	0	0	0	0
1/11/2024 15:01	50506 MECH_T1	76	503	427	0.12	0.14	0.02	0	0	0	0	0	0	0	0
1/11/2024 15:03	42903 MIDD_T2	2	2	0	0.65	0.6	-0.05	0.09	0.01	1	0	-1	1200	0	-1200
1/11/2024 15:05	55105 WERT_T1	0	0	0	0	0	0	-0.68	-0.71	1	1	0	900	900	0
1/11/2024 15:06	67605 WARW_T1	17	11	-6	0.48	0.28	-0.2	0	0	0	0	0	0	0	0
1/11/2024 15:07	45501 DERR_T2	0	0	0	0	0	0	0.78	0.85	2	2	0	1800	1800	0
1/11/2024 15:08	45501 DERR_T2	0	0	0	0	0	0	0.85	0.86	2	2	0	1800	1800	0
1/11/2024 15:09	50504 MECH_T1	30	148	118	0.12	0.16	0.04	0	0	0	0	0	0	0	0
1/11/2024 15:10	50503 MECH_T1	1	2	1	2.7	1.55	-1.15	0	0	0	0	0	0	0	0
1/11/2024 15:10	67603 WARW_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1/11/2024 15:11	50506 MECH_T1	76	503	427	0.12	0.14	0.02	0	0	0	0	0	0	0	0
1/11/2024 15:14	40101 HUNT_T2	5	5	0	0.46	0.47	0.01	-0.31	-0.44	0	0	0	0	0	0
1/11/2024 15:23	50506 MECH_T1	500	114	-386	0.14	0.11	-0.03	-0.13	-0.06	0	0	0	0	0	0
1/11/2024 15:26	50105 HAIR_T3	7	7	0	6.26	6.39	0.13	0	0	0	0	0	0	0	0
1/11/2024 15:27	50505 MECH_T1	83	6	-77	0.12	0.1	-0.02	0	0	0	0	0	0	0	0
1/11/2024 15:28	50502 MECH_T1	2	1	-1	1.55	2.9	1.35	0	0	0	0	0	0	0	0
1/11/2024 15:30	46801 HEPB_T2	0	0	0	0	0	0	0.62	0.66	0	0	0	0	0	0
1/11/2024 15:35	58402 MORO_T1	0	0	0	0	0	0	-0.17	-0.25	2	2	0	1500	1500	0
1/11/2024 15:57	56802 BENV_T2	1	1	0	0.8	0.8	0	-0.62	-0.64	0	0	0	0	0	0
1/11/2024 15:58	45802 HEGI_T2	0	2	2	0	0	0	2.32	2.44	2	2	0	600	600	0
1/11/2024 15:59	56802 BENV_T2	1	1	0	0.8	0.8	0	-0.62	-0.64	0	0	0	0	0	0
1/11/2024 15:59	63803 HEMP_T1	1	1	0	0.3	0.1	-0.2	0	0	0	0	0	0	0	0
1/11/2024 16:02	40502 CRES_T2	1	2	1	0.1	0.1	0	-0.3	-0.24	0	0	0	0	0	0
1/11/2024 16:03	45502 DERR_T2	1	0	-1	0.2	0	-0.2	0	0	0	0	0	0	0	0
1/11/2024 16:03	65001 NEFF_T2	1	1	0	0.1	0.1	0	-0.96	-0.84	1	1	0	1200	1200	0
1/11/2024 16:03	55002 NEWP_T1	6	6	0	0.37	0.35	-0.02	-0.24	-0.25	0	0	0	0	0	0
1/11/2024 16:05	60803 BUCK_T1	0	0	0	0	0	0	-0.53	-0.52	1	1	0	600	600	0
1/11/2024 16:07	44901 SCOT

1/11/2024 18:41	46903 MNTG_T2	1	15	14	0.1	0.12	0.02	-0.35	-0.36	1	1	0	600	600	0
1/11/2024 18:42	44901 SCOT_T2	0	0	0	0	0	0	-0.78	-0.8	0	0	0	0	0	0
1/11/2024 18:42	16402 MOPO_T1	0	0	0	0	0	0	0.09	0.19	0	0	0	0	0	0
1/11/2024 18:42	24901 WHHA_T1	0	0	0	0	0	0	0.68	0.65	0	0	0	0	0	0
1/11/2024 18:42	43402 BENT_T1	0	0	0	0	0	0	-0.95	-0.94	1	1	0	900	900	0
1/11/2024 18:42	49803 UNIV_T1	0	0	0	0	0	0	-1.04	-1.04	0	0	0	0	0	0
1/11/2024 18:43	45501 DERR_T2	0	0	0	0	0	0	0.68	0.59	2	2	0	1800	1800	0
1/11/2024 18:43	43202 MVIL_T2	0	0	0	0	0	0	-0.67	-0.71	0	0	0	0	0	0
1/11/2024 18:43	47001 HUGH_T2	0	0	0	0	0	0	-0.59	-0.63	0	0	0	0	0	0
1/11/2024 18:44	29402 BELT_T1	1	1	0	7.1	7.1	0	0	0	0	0	0	0	0	0
1/11/2024 18:44	46903 MNTG_T2	0	0	0	0	0	0	-0.05	-0.15	1	1	0	1200	1200	0
1/11/2024 18:44	43202 MVIL_T2	0	0	0	0	0	0	-0.67	-0.71	0	0	0	0	0	0
1/11/2024 18:45	44903 SCOT_T1	0	0	0	0	0	0	-0.03	-0.03	0	0	0	0	0	0
1/11/2024 18:45	43202 MVIL_T2	0	0	0	0	0	0	-0.67	-0.71	0	0	0	0	0	0
1/11/2024 18:46	44905 SCOT_T1	0	2	2	0	0	0	0	0	0	0	0	0	0	0
1/11/2024 18:46	46203 DANV_T2	0	0	0	0	0	0	0.04	0.01	0	0	0	0	0	0
1/11/2024 18:46	48901 FOSP_T2	0	0	0	0	0	0	-0.36	-0.37	1	1	0	600	600	0
1/11/2024 18:47	45702 LIND_T2	1	1	0	1.3	0.9	-0.4	-0.56	-0.55	0	0	0	0	0	0
1/11/2024 18:47	47401 PENS_T1	0	0	0	0	0	0	0.74	0.83	0	0	0	0	0	0
1/11/2024 18:47	44903 SCOT_T1	0	0	0	0	0	0	-0.03	-0.03	0	0	0	0	0	0
1/11/2024 18:48	61306 EARL_T1	6	0	-6	0.15	0	-0.15	0	0	0	0	0	0	0	0
1/11/2024 18:48	24902 WHHA_T1	0	1	1	0	0	0	0.3	0.37	0	0	0	0	0	0
1/11/2024 18:48	48901 FOSP_T2	0	0	0	0	0	0	-0.72	-0.74	2	2	0	1200	1200	0
1/11/2024 18:48	42903 MIDD_T2	2	2	0	0.9	1	0.1	0	0	0	0	0	0	0	0
1/11/2024 18:48	47403 PENS_T1	0	9	9	0	0.14	0.14	0	0	0	0	0	0	0	0
1/11/2024 18:48	46801 HEPB_T2	0	0	0	0	0	0	0.66	0.62	0	0	0	0	0	0
1/11/2024 18:49	44901 SCOT_T2	0	0	0	0	0	0	-0.78	-0.8	0	0	0	0	0	0
1/11/2024 18:49	44802 EDAN_T2	0	0	0	0	0	0	-2.2	-2.22	1	1	0	1200	1200	0
1/11/2024 18:50	46206 DANV_T2	0	0	0	0	0	0	2.13	2.08	1	1	0	1200	1200	0
1/11/2024 18:50	43201 MVIL_T2	0	0	0	0	0	0	-0.37	-0.37	0	0	0	0	0	0
1/11/2024 18:50	47401 PENS_T1	0	0	0	0	0	0	0.74	0.83	0	0	0	0	0	0
1/11/2024 18:50	46206 DANV_T2	0	0	0	0	0	0	2.13	2.08	1	1	0	1200	1200	0
1/11/2024 18:50	13503 MCMI_T2	4	13	9	0.55	0.15	-0.4	0.53	0.49	0	0	0	0	0	0
1/11/2024 18:50	29401 BELT_T1	9	19	10	0.11	0.15	0.04	0	0	0	0	0	0	0	0
1/11/2024 18:50	43402 BENT_T1	0	0	0	0	0	0	-1.9	-1.88	2	2	0	1800	1800	0
1/11/2024 18:51	65003 NEFF_T2	4	17	13	0.15	0.12	-0.03	0	0	0	0	0	0	0	0
1/11/2024 18:51	46206 DANV_T2	0	0	0	0	0	0	2.13	2.08	1	1	0	1200	1200	0
1/11/2024 18:51	46903 MNTG_T2	4	65	61	0.1	0.16	0.06	-0.35	-0.36	1	1	0	600	600	0
1/11/2024 18:51	46004 BERW_T2	4	6	2	0.93	0.63	-0.3	-0.55	-0.53	0	0	0	0	0	0
1/11/2024 18:52	20403 ASHF_T2	0	0	0	0	0	0	0.39	0.42	0	0	0	0	0	0
1/11/2024 18:52	29401 BELT_T1	9	19	10	0.11	0.15	0.04	0	0	1	1	0	900	900	0
1/11/2024 18:52	40101 HUNT_T2	79	162	83	0.58	0.5	-0.08	-0.72	-0.69	0	0	0	0	0	0
1/11/2024 18:52	23301 JEFF_T1	0	1	1	0	0	0	0	0	0	0	0	0	0	0
1/11/2024 18:52	45402 WILO_T2	1	1	0	0.7	0.3	-0.4	-0.7	-0.68	0	0	0	0	0	0
1/11/2024 18:52	16301 ALPA_T1	0	0	0	0	0	0	-0.4	-0.36	0	0	0	0	0	0
1/11/2024 18:52	44905 SCOT_T1	0	2	2	0	0	0	0	0	0	0	0	0	0	0
1/11/2024 18:52	42501 ALTA_T2	0	0	0	0	0	0	0.07	0.02	1	1	0	600	600	0
1/11/2024 18:52	46903 MNTG_T2	4	65	61	0.1	0.16	0.06	-0.7	-0.72	2	2	0	1200	1200	0
1/11/2024 18:52	42201 SHEN_T2	0	0	0	0	0	0	0.09	0.09	1	1	0	600	600	0
1/11/2024 18:53	13503 MCMI_T2	4	13	9	0.55	0.15	-0.4	0.25	0.25	0	0	0	0	0	0
1/11/2024 18:53	44301 BEAV_T2	0	0	0	0	0	0	-0.08	-0.14	1	1	0	600	600	0
1/11/2024 18:53	46203 DANV_T2	0	0	0	0	0	0	0.01	0.06	0	0	0	0	0	0
1/11/2024 18:54	44601 SALE_T2	0	0	0	0	0	0	-0.17	-0.17	0	0	0	0	0	0
1/11/2024 18:54	46203 DANV_T2	0	0	0	0	0	0	0.01	0.06	0	0	0	0	0	0
1/11/2024 18:54	46903 MNTG_T2	4	65	61	0.1	0.16	0.06	0	0	0	0	0	0	0	0
1/11/2024 18:54	42201 SHEN_T2	0	0	0	0	0	0	0.09	0.15	1	1	0	600	600	0
1/11/2024 18:54	29401 BELT_T1	9	19	10	0.11	0.15	0.04	0	0	0	0	0	0	0	0
1/11/2024 18:54	20403 ASHF_T2	0	0	0	0	0	0	0.42	0.42	0	0	0	0	0	0
1/11/2024 18:54	48902 FOSP_T2	0	0	0	0	0	0	0.07	0.11	0	0	0	0	0	0
1/11/2024 18:54	22101 EDEL_T2	0	0	0	0	0	0	0.49	0.47	1	1	0	1200	1200	0
1/11/2024 18:54	27502 WEIS_T2	0	0	0	0	0	0	-0.49	-0.49	0	0	0	0	0	0
1/11/2024 18:55	44903 SCOT_T1	0	0	0	0	0	0	-0.03	-0.03	0	0	0	0	0	0
1/11/2024 18:55	47403 PENS_T1	0	9	9	0	0.14	0.14	0	0	0	0	0	0	0	0
1/11/2024 18:55	44901 SCOT_T2	0	0	0	0	0	0	-0.8	-1.06	0	0	0	0	0	0
1/11/2024 18:56	29402 BELT_T1	1	1	0	7.1	7	-0.1	0	0	0	0	0	0	0	0
1/11/2024 18:56	42903 MIDD_T2	2	2	0	0.9	1	0.1	-0.29	-0.18	0	0	0	0	0	0
1/11/2024 18:56	44905 SCOT_T1	0	2	2	0	0	0	0	0	0	0	0	0	0	0
1/11/2024 18:56	40101 HUNT_T2	79	162	83	0.58	0.5	-0.08	-1.38	-1.38	0	0	0	0	0	0
1/11/2024 18:56	27502 WEIS_T2	0	0	0	0	0	0	-0.49	-0.49	0	0	0	0	0	0
1/11/2024 18:57	47401 PENS_T1	0	0	0	0	0	0	0.83	0.78	0	0	0	0	0	0
1/11/2024 18:57	44802 EDAN_T2	0	0	0	0	0	0	-2.22	-2.27	1	1	0	1200	1200	0
1/11/2024 18:57	46206 DANV_T2	0	0	0	0	0	0	2.08	2.13	1	1	0	1200	1200	0
1/11/2024 18:57	16402 MOPO_T1	0	0	0	0	0	0	0.19	0.04	0	0	0	0	0	0
1/11/2024 18:57	46004 BERW_T2	4	6	2	0.93	0.63	-0.3	-0.53	-0.59	0	0	0	0	0	0
1/11/2024 18:58	59003 MIFF_T1	0	0	0	0	0	0	-0.86	-2.34	0	0	0	0	0	0
1/11/2024 18:58	47403 PENS_T1	0	9	9	0	0.14	0.14	0	0	0	0	0	0	0	0
1/11/2024 18:58	40502 CRES_T2	0	0	0	0	0	0	-0.1	-0.15	0	0	0	0	0	0
1/11/2024 18:58	62607 ENGL_T1	0	0	0	0	0	0	-0.66	-0.66	0	0	0	0	0	0
1/11/2024 18:58	29402 BELT_T1	1	1	0	7.1	7	-0.1	0	0	0	0	0	0	0	0
1/11/2024 18:58	40901 JESH_T1	0	1	1	0	0.1	0.1	0	0	0	0	0	0	0	0
1/11/2024 18:58	48302 ORWI_T2	3	2	-1	0.6	1.4	0.8	-0.55	-0.56	0	0	0	0	0	0
1/11/2024 18:59	12701 MACU_T1	0	1	1	0	0	0	0.15	0.13	0	0	0	0	0	0
1/11/2024 18:59	53901 HAU_T2	11	23	12	0.12	0.12	0	-0.43	-0.44	0	0	0	0	0	0
1/11/2024 18:59	13503 MCMI_T2	4	13	9	0.55	0.15	-0.4	0.25	0.25	0	0	0	0	0	0
1/11/2024 18:59	52102 MEIS_T1	0	0	0	0	0	0	0	0	1	1	0	450	450	0
1/11/2024 18:59	16302 ALPA_T2	0	0	0	0	0	0	0.73	0.66	0	0	0	0	0	0
1/11/2024 18:59	44301 BEAV_T2	0	0	0	0	0	0	-0.08	-0.14	1	1	0	600	600	0
1/11/2024 19:00	54505 ENOL_T2	1	1	0	0.1	0.1	0	0	0	0	0	0	0	0	0
1/11/2024 19:00	40502 CRES_T2	0	1	1	0	0.1	0.1	-0.1	-0.15	0	0	0	0	0	0
1/11/2024 19:00	55001 NEWP_T1	0	1	1	0	0.1	0.1	0	0	0	0	0	0	0	0
1/11/2024 19:00	41801 GOCI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1/11/2024 19:00	65003 NEFF_T2	2	24	22	0.1	0.12	0.02	0	0	0	0	0	0	0	0
1/11/2024 19:00	42701 AUGU_T1	2	1	-1	0.4	0	-0.4	0	0	1	1	0	600	600	0
1/11/2024 19:00	16301 ALPA_T1	0	0	0	0	0	0	-0.36	-0.4	0	0	0	0	0	0
1/11/2024 19:00	14404 SSLA_T1	0	1	1	0	0.1	0.1	0	0	0	0	0	0	0	0
1/11/2024 19:01	59003 MIFF_T1	0	0	0	0	0	0	-0.43	-1.17	0	0	0	0	0	0
1/11/2024 19:01	64203 KINZ_T1	0	0	0	0	0	0	-0.4	-0.37	1	1	0	600	600	0
1/11/2024 19:01	52101 MEIS_T1	0	1	1	0	0.2	0.2	0	0	0	0	0	0	0	0
1/11/2024 19:01	16302 ALPA_T2	0	0	0	0	0	0	0.73	0.66	0	0	0	0	0	0
1/11/2024 19:01	60305 TWVA_T2	0	0	0	0	0	0	1.17	1.19	0	0	0	0	0	0
1/11/2024 19:01	59101 WALK_T2	0	0	0	0	0	0	1.08	0.92	1	1	0	450	450	0
1/11/2024 19:01	67503 WEWI_T2	0	0	0	0	0	0	-0.16	-0.2	0	0	0	0	0	0
1/11/2024 19:02	66505 SMAN_T2	0	0	0	0	0	0	-0.3	-0.12	1	1	0	900	900	0
1/11/2024 19:02	65901 SAKR_T2	1	1	0	9.2	8.9	-0.3	-1.19	-1.21	1	1	0	900	900	0
1/11/2024 19:02	59301 MCAL_T1	2	2	0	0.85	1.25	0.4	0	0	0	0	0	0	0	0
1/11/2024 19:02	67901 WNHO_T2	39	53	14	0.19	0.22	0.03	-0.46	-0.43	0	0	0	0	0	0
1/11/2024 19:02	40602 PIGR_T1	0	0	0	0	0	0	-0.55	-0.57	0	0	0	0	0	0
1/11/2024 19:02	66504 SMAN_T2	0	0	0	0	0	0	-0.92	-0.86	0	0	0	0	0	0
1/11/2024 19:02	20403 ASHF_T2	0	0	0	0	0	0	0.42	0.42	0	0	0	0	0	0
1/11/2024 19:02	67103 SPRI_T1	0	0	0	0	0	0	-0.05	-0.05	0	0	0	0	0	0
1/11/2024 19:02	47403 PENS_T1	0	12	12	0	0.14	0.14	0	0	0	0	0	0	0	0
1/11/2024 19:02	41602 CLEV_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1/11/2024 19:02	67502 WEWI_T2	0	0	0	0	0	0	-0.35	-0.35	0	0	0	0	0	0
1/11/2024 19:03	59101 WALK_T2	0	0	0	0	0	0	1.08	0.92	1	1	0	450	450	0
1/11/2024 19:03	13302 ORVI_T2	0	0	0	0	0	0	1.08	1.12	0	0	0	0	0	0
1/11/2024 19:03	67001 STHI_T2	1	1	0	0.5	0.5	0	0	0	0	0	0	0	0	0
1/11/2024 19:03	61303 EARL_T1	0	0	0	0	0	0	0.16	0.08	0	0	0	0	0	0
1/11/2024 19:03	16302 ALPA_T2	0	0	0	0	0	0	0.73	0.66	0	0	0	0	0	0
1/11/2024 19:03	56802 BENV_T2	0	2	2	0	0.25	0.25	-0.63	-1.32	0	0	0	0	0	0
1/11/2024 19:03	64702 LITI_T2	0	0	0	0	0	0	-0.88	-0.59	0	0	0	0	0	0
1/11/2024 19:03	57401 SPAN_T1	2	2	0	0.15	0.25	0.1	-0.12	-0.11	1	1	0	600	600	0
1/11/2024 19:04	60803 BUCK_T1	0	0	0	0	0	0	-0.48	-0.48	1	1	0	600	600	0
1/11/2024 19:04	10705 CATA_T2	0	0	0	0	0	0	-0.93	-0.88	1	1	0	900	900	0
1/11/2024 19:04	41801 GOCI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1/11/2024 19:04	42201 SHEN_T2	0	0	0	0	0	0	0.09	0.15	1	1	0	600	600	0
1/11/2024 19:04	67605 WARW_T1	0	0	0	0	0	0	0.09	-1.19	0	0	0	0	0	0
1/11/2024 19:04	61802 EELI_T2	0	0	0	0	0	0	-0.36	-0.4	0	0	0	0	0	0
1/11/2024 19:04	14403 SSLA_T1	0	0	0	0	0	0	1.74	1.7	0	0	0	0	0	0
1/11/2024 19:04	60701 BREC_T1	0	0	0	0	0	0	-0.48	-0.47	1	1	0	600	600	0
1/11/2024 19:04	63602 LETO_T1	0	0	0	0	0	0	-0.5	-0.35	0	0	0	0	0	0
1/11/2024 19:04	16302 ALPA_T2	0	0	0	0	0	0	0.73	0.66	0	0	0	0	0	0
1/11/2024 19:05	67002 STHI_T2	0	0	0	0	0	0	1.12	1.22	0	0	0	0	0	0
1/11/2024 19:05	12701 MACU_T1	0	1	1	0	0	0	0.15	0.13	0	0	0	0	0	0
1/11/2024 19:05	67002 STHI_T2	0	0	0	0	0	0	1.12	1.22	0	0	0	0	0	0
1/11/2024 19:05	60801 BUCK_T1	0	0	0	0	0	0	-0.82	-0.83	1	1	0	600	600	0
1/11/2024 19:05	59101 WALK_T2	0	0	0	0	0	0	1.08	0.92	1	1	0	450	450	0
1/11/2024 19:05	53901 HAU_T2	23	15	-8	0.12	0.11	-0.01	0	0	0	0	0	0	0	0
1/11/2024 19:05	67103 SPRI_T1	0	0	0	0	0	0	-0.11	-0.09	0	0	0	0	0	0
1/11/2024 19:05	11101 EGYP_T1	0	0	0	0	0	0	0.51	0.52	0	0	0	0	0	0
1/11/2024 19:05	57401 SPAN_T1	2	2	0	0.15	0.25	0.1	-0.12	-0.11	1	1	0	600	600	0
1/11/2024 19:06	45802 HEGI_T2	0	0	0	0	0	0	1.4	1.41	0	0	0	0	0	0
1/11/2024 19:06	13105 NHAM_T2	0	0	0	0	0	0	-0.22	-0.25	1	1	0	1200	1200	0
1/11/2024 19:06	60701 BREC_T1	0	0	0	0	0	0	-0.48	-0.47	1	1	0	600	600	0
1/11/2024 19:06	56802 BENV_T2	0	2	2	0	0.25	0.25	-0.63	-1.32	0	0	0	0	0	0
1/11/2024 19:06	52101 MEIS_T1	0	1	1	0	0.2	0.2	0	0	0	0	0	0	0	0
1/11/2024 19:06	52006 LING_T2	1	2	1	0.1	0.15	0.05	0	0	0	0	0	2	0	0
1/11/2024 19:06	60502 NMAN_T2	0	0	0	0	0	0	-0.3	-0.31	0	0	0	0	0	0
1/11/2024 19:06	54501 ENOL_T2	0	0	0	0	0	0	0.28	0.13	0	0	0	0	0	0
1/11/2024 19:06	64101 REFR_T1	0	0	0	0	0	0	-0.06	-0.06	0	0	0	0	0	0
1/11/2024 19:06	67603 WARW_T1	0	0	0	0	0	0	0.04	0.07	0	0	0	0	0	0
1/11/2024 19:06	41901 REED_T1	7	10	3	0.37	0.44	0.07	0	0	0	0	0	0	0	0
1/11/2024 19:06	59003 MIFF_T1	0	0	0	0	0	0	-0.43	-1.17	0	0	0	0	0	0
1/11/2024 19:06	65001 NEFF_T2	0	1	1	0	0.1	0.1	-0.9	-0.91	1	1	0	1200	1200	0
1/11/2024 19:06	59101 WALK_T2	0	0	0	0	0	0	1.08	0.92	1	1	0	450	450	0
1/11/2024 19:06	53501 EVIL_T2	0	0	0	0	0	0	-1.52	-1.45	2	2	0	1200	1200	0
1/11/2024 19:06	67502 WEWI_T2	0	0	0	0	0	0	-0.35	-0.35	0	0	0	0	0	0
1/11/2024 19:06	66503 SMAN_T2	169	56	-113	0.2	0.12	-0.08	0	0	0	0	0	0	0	0
1/11/2024 19:06	60101 COCA_T1	0	0	0	0	0	0	0.31	0.32	0	0	0	0	0	0
1/11/2024 19:06	63602 LETO_T1	0	0	0	0	0	0	-0.5	-0.35	0	0	0	0	0	0
1/11/2024 19:06	40101 HUNT_T2	162	88	-74	0.58	0.5	-0.08	-1.38	-1.38	0	0	0	0	0	0
1/11/2024 19:06	14801 TREI_T2	0	0	0	0	0	0	0.45	0.49	0	0	0	0	0	0
1/11/2024 19:07	66505 SMAN_T2	0	0	0	0	0	0	-0.3	-0.12	1	1	0	900	900	0
1/11/2024 19:07	60201 ATGL_T2	0	0	0	0	0	0	0.15	0.18	1	1	0	300	300	0
1/11/2024 19:07	56501 ROCK_T2	1	1	0	1.1	0.9	-0.2	-0.78	-0.83	0	0	0	0	0	0
1/11/2024 19:07	67204 TEHI_T2	0	0	0	0	0	0	0.15	0.13	0	0	0	0	0	0
1/11/2024 19:07	67503 WEWI_T2	0	0	0	0	0	0	-0.16	-0.2	0	0	0	0	0	0
1/11/2024 19:07	67001 STHI_T2	1	1	0	0.5	0.5	0	0.11	0.11	0	0	0	0	0	0
1/11/2024 19:07	60101 COCA_T1	0	0	0	0	0	0	0.31	0.32	0	0	0	0	0	0
1/11/2024 19:07	52402 GRPA_T2	4	4	0	0.55	0.75	0.2	0	0	0	0	0	0	0	0
1/11/2024 19:07	56802 BENV_T2	0	2	2	0	0.25	0.25	-0.63	-1.32	0	0	0	0	0	0
1/11/2024 19:07	12701 MACU_T1	0	1	1	0	0	0	0.15	0.13	0	0	0	0	0	0
1/11/2024 19:07	52503 PROG_T2	0	0	0	0	0	0	-1.32	-1.35	2	2	0	1800	1800	0
1/11/2024 19:07	54505 ENOL_T2	1	1	0	0.1	0.1	0	0	0	0	0	0	0	0	0
1/11/2024 19:07	52101 MEIS_T1	0	1	1	0	0.2	0.2	0	0	0	0	0	0	0	0
1/11/2024 19:07	16301 ALPA_T1	0	0	0	0	0	0	-0.36	-0.4	0	0	0	0	0	0
1/11/2024 19:07	54202 PENN_T2	0	0	0	0	0	0	0.57	0.58	0	0	0	0	0	0
1/11/2024 19:07	67002 STHI_T2	0	0	0	0	0	0	1.12	1.22	0	0	0	0	0	0
1/11/2024 19:07	64702 LITI_T2	0	0	0	0	0	0	-0.88	-0.59	0	0	0	0	0	0
1/11/2024 19:07	52004 LING_T2	1	1	0	0.5	0.6	0.1	0.23	0.21	0	0	0	0	0	0
1/11/2024 19:07	64301 LINC_T1	0

1/11/2024 19:10	59101 WALK_T2	0	0	0	0	0	0	0.92	1.12	1	1	0	450	450	0
1/11/2024 19:10	67503 WEWI_T2	0	0	0	0	0	0	-0.2	-0.09	0	0	0	0	0	0
1/11/2024 19:10	50501 MECH_T1	4	4	0	0.4	0.68	0.28	0	0	0	0	0	0	0	0
1/11/2024 19:10	51107 CARL_T1	0	0	0	0	0	0	-0.37	-0.34	0	0	0	0	0	0
1/11/2024 19:10	51604 DUKE_T2	0	2	2	0	0.1	0.1	-1.66	-1.67	1	1	0	900	900	0
1/11/2024 19:10	40502 CRES_T2	0	1	1	0	0.1	0.1	-0.3	-0.3	0	0	0	0	0	0
1/11/2024 19:10	53102 WTWN_T1	0	0	0	0	0	0	-1.19	-1.17	0	0	0	0	0	0
1/11/2024 19:10	66901 SHIL_T2	0	0	0	0	0	0	-1.71	-1.71	1	1	0	1200	1200	0
1/11/2024 19:10	61306 EARL_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1/11/2024 19:10	50701 SMEC_T1	0	0	0	0	0	0	0.06	0.03	0	0	0	0	0	0
1/11/2024 19:10	60701 BREC_T1	0	0	0	0	0	0	-0.47	-0.5	1	1	0	600	600	0
1/11/2024 19:10	63404 HONY_T1	2	2	0	6.4	6.4	0	0	0	0	0	0	0	0	0
1/11/2024 19:10	65503 MOJO_T2	0	0	0	0	0	0	-0.53	-0.53	0	0	0	0	0	0
1/11/2024 19:10	57401 SPAN_T1	2	2	0	0.15	0.25	0.1	-0.11	-0.16	1	1	0	600	600	0
1/11/2024 19:10	67001 STHI_T2	1	1	0	0.5	0.5	0	0	0	0	0	0	0	0	0
1/11/2024 19:10	54505 ENOL_T2	1	1	0	0.1	0.1	0	-1.23	-1.22	1	1	0	600	600	0
1/11/2024 19:10	56501 ROCK_T2	1	1	0	1.1	0.9	-0.2	0	0	0	0	0	0	0	0
1/11/2024 19:10	40101 HUNT_T2	162	88	-74	0.58	0.5	-0.08	-0.69	-0.69	2	2	0	0	0	0
1/11/2024 19:10	56802 BENV_T2	0	2	2	0	0.25	0.25	-2.65	-2.66	0	0	0	0	0	0
1/11/2024 19:10	47901 HRDG_T1	0	0	0	0	0	0	1.58	1.67	0	0	0	0	0	0
1/11/2024 19:10	52102 MEIS_T1	0	0	0	0	0	0	0	0	1	1	0	450	450	0
1/11/2024 19:10	61102 BERK_T5	0	0	0	0	0	0	1.24	1.3	1	1	0	300	300	0
1/11/2024 19:10	62604 ENGL_T1	0	0	0	0	0	0	-0.57	-0.58	1	1	0	600	600	0
1/11/2024 19:11	59101 WALK_T2	0	0	0	0	0	0	0.92	1.12	1	1	0	450	450	0
1/11/2024 19:11	53901 HALI_T2	23	15	-8	0.12	0.11	-0.01	-0.44	-0.45	0	0	0	0	0	0
1/11/2024 19:11	62604 ENGL_T1	0	0	0	0	0	0	-0.57	-0.58	1	1	0	600	600	0
1/11/2024 19:11	16301 ALPA_T1	0	0	0	0	0	0	-0.4	-0.4	0	0	0	0	0	0
1/11/2024 19:11	56802 BENV_T2	0	2	2	0	0.25	0.25	-2.65	-2.66	0	0	0	0	0	0
1/11/2024 19:11	55001 NEWP_T1	0	1	1	0	0.1	0.1	0	0	0	0	0	0	0	0
1/11/2024 19:11	53901 HALI_T2	23	15	-8	0.12	0.11	-0.01	-0.44	-0.45	0	0	0	0	0	0
1/11/2024 19:11	50501 MECH_T1	4	4	0	0.4	0.68	0.28	0	0	0	0	0	0	0	0
1/11/2024 19:11	65901 SAKR_T2	1	1	0	9.2	8.9	-0.3	-1.21	-1.16	1	1	0	900	900	0
1/11/2024 19:11	53501 EVIL_T2	0	0	0	0	0	0	-1.45	-1.43	2	2	0	1200	1200	0
1/11/2024 19:12	50502 MECH_T1	1	1	0	1.8	2	0.2	0	0	0	0	0	0	0	0
1/11/2024 19:12	60803 BUCK_T1	0	0	0	0	0	0	-0.48	-0.49	1	1	0	600	600	0
1/11/2024 19:12	67502 WEWI_T2	0	0	0	0	0	0	-0.35	-0.33	0	0	0	0	0	0
1/11/2024 19:12	64101 REFR_T1	0	0	0	0	0	0	-0.06	-0.05	0	0	0	0	0	0
1/11/2024 19:12	55002 NEWP_T1	2	3	1	0.3	0.57	0.27	-0.22	-0.21	0	0	0	0	0	0
1/11/2024 19:12	53501 EVIL_T2	0	0	0	0	0	0	-2.91	-2.85	4	4	0	2400	2400	0
1/11/2024 19:12	56802 BENV_T2	0	2	2	0	0.25	0.25	-3.97	-3.98	0	0	0	0	0	0
1/11/2024 19:12	54505 ENOL_T2	1	1	0	0.1	0.1	0	-1.23	-1.22	1	1	0	600	600	0
1/11/2024 19:12	61303 EARL_T1	0	0	0	0	0	0	0.08	0.06	0	0	0	0	0	0
1/11/2024 19:12	40502 CRES_T2	0	1	1	0	0.1	0.1	-0.15	-0.15	0	0	0	0	0	0
1/11/2024 19:12	67603 WARW_T1	0	0	0	0	0	0	0.07	0.05	0	0	0	0	0	0
1/11/2024 19:12	54501 ENOL_T2	0	0	0	0	0	0	0.13	0.13	0	0	0	0	0	0
1/11/2024 19:12	47901 HRDG_T1	0	0	0	0	0	0	1.58	1.67	0	0	0	0	0	0
1/11/2024 19:12	41801 GOCI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1/11/2024 19:12	51107 CARL_T1	0	0	0	0	0	0	-0.37	-0.34	0	0	0	0	0	0
1/11/2024 19:13	57401 SPAN_T1	2	2	0	0.15	0.25	0.1	0	0	0	0	0	0	0	0
1/11/2024 19:13	12701 MACU_T1	0	1	1	0	0	0	0.13	0.14	0	0	0	0	0	0
1/11/2024 19:13	50506 MECH_T1	0	0	0	0	0	0	-0.19	-0.19	0	0	0	0	0	0
1/11/2024 19:13	61701 ELIZ_T1	1	1	0	5.1	5.3	0.2	0	0	0	0	0	0	0	0
1/11/2024 19:13	52006 LING_T2	1	2	1	0.1	0.15	0.05	0	0	0	0	0	0	0	0
1/11/2024 19:13	67503 WEWI_T2	0	0	0	0	0	0	-0.2	-0.09	0	0	0	0	0	0
1/11/2024 19:13	52402 GRPA_T2	4	4	0	0.55	0.75	0.2	0	0	0	0	0	0	0	0
1/11/2024 19:13	67502 WEWI_T2	0	0	0	0	0	0	-0.35	-0.33	0	0	0	0	0	0
1/11/2024 19:13	57303 MOAL_T2	1	1	0	7.5	7.4	-0.1	0	0	0	0	0	0	0	0
1/11/2024 19:13	54206 PENN_T2	0	0	0	0	0	0	-0.03	0	0	0	0	0	0	0
1/11/2024 19:13	56504 ROCK_T2	0	0	0	0	0	0	-0.03	-0.06	0	0	0	0	0	0
1/11/2024 19:13	54505 ENOL_T2	1	2	1	0.1	0.1	0	-1.23	-1.22	1	1	0	600	600	0
1/11/2024 19:13	52501 PROG_T1	0	0	0	0	0	0	0.25	0.27	1	1	0	300	300	0
1/11/2024 19:14	50501 MECH_T1	4	4	0	0.4	0.68	0.28	0	0	0	0	0	0	0	0
1/11/2024 19:14	64101 REFR_T1	0	0	0	0	0	0	-0.06	-0.05	0	0	0	0	0	0
1/11/2024 19:14	56501 ROCK_T2	1	1	0	1.1	0.9	-0.2	-0.83	-0.79	0	0	0	0	0	0
1/11/2024 19:14	57401 SPAN_T1	2	2	0	0.15	0.25	0.1	-0.11	-0.16	1	1	0	600	600	0
1/11/2024 19:14	67503 WEWI_T2	0	0	0	0	0	0	-0.2	-0.09	0	0	0	0	0	0
1/11/2024 19:14	40502 CRES_T2	0	1	1	0	0.1	0.1	-0.3	-0.3	0	0	0	0	0	0
1/11/2024 19:14	56802 BENV_T2	0	2	2	0	0.25	0.25	-3.97	-3.98	0	0	0	0	0	0
1/11/2024 19:14	54502 ENOL_T2	0	0	0	0	0	0	-1.89	-1.93	1	1	0	600	600	0
1/11/2024 19:15	52402 GRPA_T2	4	4	0	0.7	0.73	0.03	-0.79	-0.81	0	0	0	0	0	0
1/11/2024 19:15	57401 SPAN_T1	2	2	0	0.25	0.4	0.15	-0.22	-0.31	2	2	0	1200	1200	0
1/11/2024 19:15	61801 EEU_T2	0	0	0	0	0	0	-0.99	-0.99	1	1	0	600	600	0
1/11/2024 19:15	58402 MORO_T1	2	1	-1	1.95	0	-1.95	-0.02	-0.08	2	2	0	1500	1500	0
1/11/2024 19:15	67605 WARW_T1	0	0	0	0	0	0	-1.19	-0.99	0	0	0	0	0	0
1/11/2024 19:15	56501 ROCK_T2	1	1	0	1.1	0.9	-0.2	0	0	0	0	0	0	0	0
1/11/2024 19:15	50201 HARR_T3	2	2	0	4.15	4.45	0.3	-0.91	-0.91	1	1	0	1200	1200	0
1/11/2024 19:15	57403 SPAN_T1	0	0	0	0	0	0	0.11	0.1	0	0	0	0	0	0
1/11/2024 19:15	56802 BENV_T2	0	3	3	0	0.23	0.23	-1.32	-1.33	0	0	0	0	0	0
1/11/2024 19:16	57401 SPAN_T1	2	2	0	0.25	0.4	0.15	0	0	0	0	0	0	0	0
1/11/2024 19:16	67401 WAKE_T2	0	0	0	0	0	0	-1.1	-1.14	0	0	0	0	0	0
1/11/2024 19:16	67901 WNHO_T2	46	72	26	0.2	0.24	0.04	-0.43	-0.47	0	0	0	0	0	0
1/11/2024 19:16	64201 KINZ_T1	0	192	192	0	0.21	0.21	0	0	0	0	0	0	0	0
1/11/2024 19:16	64101 REFR_T1	0	0	0	0	0	0	-0.06	-0.05	0	0	0	0	0	0
1/11/2024 19:17	62604 ENGL_T1	0	0	0	0	0	0	-0.57	-0.58	1	1	0	600	600	0
1/11/2024 19:17	53903 HALI_T2	2	2	0	1.1	1.05	-0.05	0	0	0	0	0	0	0	0
1/11/2024 19:17	52102 MEIS_T1	0	0	0	0	0	0	0	0	1	1	0	450	450	0
1/11/2024 19:17	67901 WNHO_T2	46	72	26	0.2	0.24	0.04	-0.43	-0.47	0	0	0	0	0	0
1/11/2024 19:17	52402 GRPA_T2	4	4	0	0.7	0.73	0.03	-0.79	-0.81	0	0	0	0	0	0
1/11/2024 19:17	64101 REFR_T1	0	0	0	0	0	0	-0.06	-0.05	0	0	0	0	0	0
1/11/2024 19:17	55105 WERT_T1	0	0	0	0	0	0	-0.53	-0.53	1	1	0	900	900	0
1/11/2024 19:18	64802 MONE_T2	0	0	0	0	0	0	-0.03	-0.02	0	0	0	0	0	0
1/11/2024 19:18	56501 ROCK_T2	1	1	0	1.1	0.9	-0.2	-0.83	-0.79	0	0	0	0	0	0
1/11/2024 19:18	54505 ENOL_T2	1	1	0	0.1	0.1	0	-2.46	-2.44	2	2	0	1200	1200	0
1/11/2024 19:18	56801 BENV_T1	12	5	-7	0.5	0.38	-0.12	-0.66	-0.68	1	1	0	600	600	0
1/11/2024 19:18	63804 HEMP_T1	1	1	0	6	6	0	0.52	0.5	0	0	0	0	0	0
1/11/2024 19:18	60101 COCA_T1	0	0	0	0	0	0	0.32	0.34	0	0	0	0	0	0
1/11/2024 19:19	61303 EARL_T1	0	0	0	0	0	0	0.08	0.06	0	0	0	0	0	0
1/11/2024 19:19	64101 REFR_T1	0	0	0	0	0	0	-0.06	-0.05	0	0	0	0	0	0
1/11/2024 19:20	58402 MORO_T1	2	1	-1	1.95	0	-1.95	-0.02	-0.08	2	2	0	1500	1500	0
1/11/2024 19:20	57401 SPAN_T1	2	2	0	0.25	0.4	0.15	0	0	0	0	0	0	0	0
1/11/2024 19:21	66703 STRA_T1	0	0	0	0	0	0	-0.22	-0.24	0	0	0	0	0	0
1/11/2024 19:21	60902 DONG_T2	0	0	0	0	0	0	0.44	0.41	0	0	0	0	0	0
1/11/2024 19:21	65502 MOJO_T2	0	16	16	0	0.1	0.1	-1.83	-1.83	1	1	0	900	900	0
1/11/2024 19:21	54206 PENN_T2	0	0	0	0	0	0	-0.03	0	0	0	0	0	0	0
1/11/2024 19:21	50701 SMEC_T1	0	0	0	0	0	0	0.06	0.03	0	0	0	0	0	0
1/11/2024 19:23	53901 HALI_T2	0	15	15	0	0.11	0.11	0	0	0	0	0	0	0	0
1/11/2024 19:28	50505 MECH_T1	0	0	0	0	0	0	-0.93	-0.89	0	0	0	0	0	0
1/11/2024 19:34	54502 ENOL_T2	0	0	0	0	0	0	-1.93	-1.89	1	1	0	600	600	0
1/11/2024 19:38	54206 PENN_T2	0	0	0	0	0	0	0	-0.09	0	0	0	0	0	0
1/11/2024 19:51	16301 ALPA_T1	0	0	0	0	0	0	-0.4	-0.4	0	0	0	0	0	0
1/11/2024 20:21	50103 HARR_T3	0	1	1	0	0.1	0.1	0	0	0	0	0	0	0	0
1/11/2024 20:36	65003 NEFF_T2	4	0	-4	0.18	0	-0.18	0	0	0	0	0	0	0	0
1/11/2024 20:46	50506 MECH_T1	0	0	0	0	0	0	-0.17	-0.18	0	0	0	0	0	0
1/11/2024 21:39	65001 NEFF_T2	0	16	16	0	0.13	0.13	-0.97	-0.99	1	1	0	1200	1200	0
1/11/2024 22:05	65001 NEFF_T2	16	0	-16	0.13	0	-0.13	-0.99	-1.1	1	1	0	1200	1200	0
1/11/2024 23:29	65001 NEFF_T2	0	0	0	0	0	0	-1.22	-1.23	1	1	0	1200	1200	0
1/12/2024 0:10	65001 NEFF_T2	0	0	0	0	0	0	-1.38	-1.29	1	1	0	1200	1200	0
1/12/2024 0:27	65001 NEFF_T2	0	0	0	0	0	0	-1.29	-1.3	1	1	0	1200	1200	0
1/12/2024 1:24	65001 NEFF_T2	2	0	-2	0.1	0	-0.1	-1.29	-1.28	1	1	0	1200	1200	0
1/12/2024 1:51	65001 NEFF_T2	0	0	0	0	0	0	-1.28	-1.29	1	1	0	1200	1200	0
1/12/2024 2:38	65001 NEFF_T2	1	3	2	0.1	0.1	0	-1.29	-1.34	1	1	0	1200	1200	0
1/12/2024 3:36	65001 NEFF_T2	0	0	0	0	0	0	-1.25	-1.34	1	1	0	1200	1200	0
1/12/2024 4:28	65001 NEFF_T2	0	0	0	0	0	0	-1.21	-1.21	1	1	0	1200	1200	0
1/12/2024 6:39	65001 NEFF_T2	0	0	0	0	0	0	-0.79	-0.69	1	1	0	1200	1200	0
1/12/2024 6:50	65001 NEFF_T2	0	0	0	0	0	0	-0.79	-0.69	1	1	0	1200	1200	0
1/12/2024 7:00	65001 NEFF_T2	0	0	0	0	0	0	-0.69	-0.57	1	1	0	1200	1200	0
1/12/2024 7:53	46204 DANV_T2	4	1	-3	0.2	0	-0.2	0	0	0	0	0	0	0	0
1/12/2024 7:53	45501 DERR_T2	0	0	0	0	0	0	0.64	0.57	2	2	0	1800	1800	0
1/12/2024 7:58	40101 HUNT_T2	34	129	95	0.44	0.38	-0.06	-0.34	-0.32	0	0	0	0	0	0
1/12/2024 7:59	13503 MCMI_T2	13	10	-3	0.39	0	-0.39	0.31	0.27	0	0	0	0	0	0
1/12/2024 8:02	44903 SCOT_T1	0	0	0	0	0	0	-0.04	-0.04	0	0	0	0	0	0
1/12/2024 8:02	13503 MCMI_T2	10	0	-10	0.39	0	-0.39	0.31	0.27	0	0	0	0	0	0
1/12/2024 8:03	44903 SCOT_T1	0	0	0	0	0	0	-0.08	-0.08	0	0	0	0	0	0
1/12/2024 8:08	45502 DERR_T2	1	0	-1	0.9	0	-0.9	0	0	0	0	0	0	0	0
1/12/2024 8:13	53903 HALI_T2	2	2	0	0.2	0.65	0.45	0	0	0	0	0	0	0	0
1/12/2024 8:20	67103 SPRI_T1	0	0	0	0	0	0	-0.01	-0.01	0	0	0	0	0	0
1/12/2024 8:21	67103 SPRI_T1	0	0	0	0	0	0	-0.01	-0.01	0	0	0	0	0	0
1/12/2024 8:24	54203 PENN_T1	274	131	-143	0.29	0.33	0.04	0	0	0	0	0	0	0	0
1/12/2024 8:24	65001 NEFF_T2	0	0	0	0	0	0	-0.47	-0.42	1	1	0	1200	1200	0
1/12/2024 8:25	60305 TWVA_T2	0	0	0	0	0	0	1.22	1.25	0	0	0	0	0	0
1/12/2024 8:28	53903 HALI_T2	2	2	0	0.6	0.65	0.05	0	0	0	0	0	0	0	0
1/12/2024 8:29	53903 HALI_T2	2	2	0	0.6	0.65	0.05	0	0	0	0	0	0	0	0
1/12/2024 8:35	55002 NEWP_T1	6	6	0	0.62	0.57	-0.05	-0.15	-0.17	0	0	0	0	0	0
1/12/2024 8:36	67001 STHI_T2	385	1	-384	0.19	0.4	0.21	0	0	0	0	0	0	0	0
1/12/2024 8:37	67002 STHI_T2	115	0	-115	0.21	0	-0.21	0.66	0.63	0	0	0	0	0	0
1/12/2024 8:37	49803 UNIV_T1	0	3	3	0	0.1	0.1	-1.07	-1.07	0	0	0	0	0	0
1/12/2024 8:38	67001 STHI_T2	385	1	-384	0.19	0.4	0.21	0	0	0	0	0	0	0	0
1/12/2024 8:39	44903 SCOT_T1	0	1	1	0	0	0	-0.03	-0.04	0	0	0	0	0	0
1/12/2024 8:41	53601 DALM_T2	0	0	0	0	0	0	-0.37	-0.36	1	1	0	600	600	0
1/12/2024 8:52	44903 SCOT_T1	0	0	0	0	0	0	-0.03	-0.04	0	0	0	0	0	0
1/12/2024 8:52	67204 TEHI_T2	0	0	0	0	0	0	0.08	0.05	0	0	0	0	0	0
1/12/2024 8:53	67204 TEHI_T2	0	0	0	0	0	0	0.08	0.05	0	0	0	0	0	0
1/12/2024 8:58	46901 MNTG_T2	1	0	-1	0.1	0	-0.1	0	0	0	0	0	0	0	0
1/12/2024 9:00	53901 HALI_T2	0	16	16	0	0.11	0.11	0	0	0	0	0	0	0	0
1/12/2024 9:00	67503 WEWI_T2	0	0	0	0	0	0	0.02	-0.07	0	0	0	0	0	0
1/12/2024 9:00	65003 NEFF_T2	0	2	2	0	0.1	0.1	0	0	0	0	0	0	0	0
1/12/2024 9:00	53501 EVIL_T2	2	10	8	0.5	0.62	0.12	-0.44	-0.49	1	1	0	600	600	0
1/12/2024 9:00	47101 MARL_T1	0	2	2	0	0	0	-0.64	-0.67	0	0	0	0	0	0
1/12/2024 9:00	57401 SPAN_T1	2	19	17	0.6	0.33	-0.27	0	0	0	0	0	0	0	0
1/12/2024 9:00	40502 CRES_T2	8	19	11	0.18	0.25	0.07	-1.22	-1.24	0	0	0	0	0	0
1/12/2024 9:00	67402 WAKE_T2	0	0	0	0	0	0	-0.33	-0.35	1	1	0	600	600	0
1/12/2024 9:00	60101 COCA_T1	0	0	0	0	0	0	0.47	0.46	0	0	0	0	0	0
1/12/2024 9:00	43304 WATS_T2	0	0	0	0	0	0	-0.16	-0.21	0	0	0	0	0	0
1/12/2024 9:00	58402 MORO_T1	0	1	1	0	0	0	-0.94	-0.97	3	3	0	2400	2400	0
1/12/2024 9:00	44201 POIN_T1	0	0	0	0	0	0	-0.05	-1	1	1	0	900	900	0
1/12/2024 9:00	42903 MIDD_T2	2	2	0	1.4	1.3	-0.1	-0.96	-0.95	1	1	0	1200	1200	0
1/12/2024 9:00	64101 REFR_T1	0	1	1	0	0.1	0.1	0.02	0.04	0	0	0	0	0	0
1/12/2024 9:00	27502 WEIS_T2	0	0	0	0	0	0	-0.33	-0.3	0	0	0	0	0	0
1/12/2024 9:00	43001 ALWD_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1/12/2024 9:00	23401 HONE_T2	0	0	0	0	0	0	-0.13	-0.17	0	0	0	0	0	0
1/12/2024 9:01	47401 PENS_T1	0	0	0	0	0	0	0.8	0.8	0	0	0	0	0	0
1/12/2024 9:02	60803 BUCK_T1	1	0	-1	0.1	0	-0.1	-1.14	-0.48	1	1	0	600	600	0
1/12/2024 9:06	46002 BERW_T2	0	0	0	0	0	0	-0.61	-0.58	1	1	0	900	900	0
1/12/2024 9:07	46004 BERW_T2	0	0	0	0	0	0	-0.62	-0.63	0	0	0	0	0	0
1/12/2024 9:07	59102 WALK_T2	0	0	0	0	0	0	-0.32	-0.35	1	1	0	600	600	0
1/12/2024 9:07	67103 SPRI_T1	0	0	0	0	0	0	-0.01	0	0	0	0	0	0	0
1/12/2024 9:08	67502 WEWI_T2	1	1	0	0.2	0.6	0.4	0	0	0	0	0	0	0	0
1/12/2024 9:08	45501 DERR_T2	0	1	1	0	0.1	0.1	0.47	0.48	2	2	0	1800	1800	0
1/

1/12/2024 9:48	65901 SAKR_T2	1	1	0	8.6	8.9	0.3	-1.11	-1.06	1	1	0	900	900	0
1/12/2024 9:49	64101 REFR_T1	0	0	0	0	0	0	-0.06	-0.04	0	0	0	0	0	0
1/12/2024 9:50	41901 REED_T1	10	11	1	0.89	0.85	-0.04	0	0	0	0	0	0	0	0
1/12/2024 9:51	64101 REFR_T1	0	0	0	0	0	0	-0.11	-0.07	0	0	0	0	0	0
1/12/2024 9:52	64101 REFR_T1	0	0	0	0	0	0	-0.06	-0.04	0	0	0	0	0	0
1/12/2024 9:52	56802 BENV_T2	0	0	0	0	0	0	-0.63	-0.64	0	0	0	0	0	0
1/12/2024 9:52	67502 WEWI_T2	14	0	-14	0.15	0	-0.15	-1.05	-0.11	1	0	-1	900	0	-900
1/12/2024 9:52	67605 WARW_T1	0	0	0	0	0	0	-0.98	-0.99	0	0	0	0	0	0
1/12/2024 9:53	43202 MVIL_T2	36	7	-29	0.2	0.19	-0.01	-0.6	-0.62	0	0	0	0	0	0
1/12/2024 9:53	67402 WAKE_T2	0	0	0	0	0	0	-0.33	-0.35	1	1	0	600	600	0
1/12/2024 9:54	67502 WEWI_T2	14	0	-14	0.15	0	-0.15	0	0	0	0	0	0	0	0
1/12/2024 9:54	56802 BENV_T2	0	0	0	0	0	0	-0.64	-0.61	0	0	0	0	0	0
1/12/2024 9:54	64101 REFR_T1	0	0	0	0	0	0	-0.07	-0.05	0	0	0	0	0	0
1/12/2024 9:56	56802 BENV_T2	0	0	0	0	0	0	-1.28	-1.22	0	0	0	0	0	0
1/12/2024 9:57	66504 SMAN_T2	0	0	0	0	0	0	-0.7	-0.59	0	0	0	0	0	0
1/12/2024 9:57	54505 ENOL_T2	1	1	0	1	0.9	-0.1	0	0	0	0	0	0	0	0
1/12/2024 9:57	56802 BENV_T2	0	0	0	0	0	0	-1.28	-1.22	0	0	0	0	0	0
1/12/2024 9:58	66505 SMAN_T2	0	3	3	0	0.53	0.53	0	0	0	0	0	0	0	0
1/12/2024 9:59	13503 MCMI_T2	0	0	0	0	0	0	0.2	0.16	0	0	0	0	0	0
1/12/2024 10:00	57303 MOAL_T2	1	1	0	6.8	6.6	-0.2	0	0	0	0	0	0	0	0
1/12/2024 10:01	59003 MIFF_T1	0	0	0	0	0	0	-1.99	-1.62	0	0	0	0	0	0
1/12/2024 10:02	40603 PIGR_T1	0	0	0	0	0	0	0.38	0.4	0	0	0	0	0	0
1/12/2024 10:02	57303 MOAL_T2	1	1	0	6.8	6.6	-0.2	0	0	0	0	0	0	0	0
1/12/2024 10:02	13503 MCMI_T2	0	0	0	0	0	0	0.2	0.16	0	0	0	0	0	0
1/12/2024 10:03	52502 PROG_T2	0	0	0	0	0	0	-0.53	-0.51	1	1	0	900	900	0
1/12/2024 10:03	44903 SCOT_T1	0	0	0	0	0	0	-0.16	-0.12	0	0	0	0	0	0
1/12/2024 10:04	66902 SHIL_T2	2	82	80	0.1	0.14	0.04	0	0	0	0	0	0	0	0
1/12/2024 10:04	43201 MVIL_T2	0	0	0	0	0	0	-0.36	-0.35	0	0	0	0	0	0
1/12/2024 10:04	57401 SPAN_T1	52	2	-50	0.23	0.95	0.72	-0.99	-0.28	1	0	-1	600	0	-600
1/12/2024 10:04	56802 BENV_T2	0	0	0	0	0	0	-0.64	-0.61	0	0	0	0	0	0
1/12/2024 10:05	67002 STHI_T2	94	273	179	0.19	0.19	0	1.44	1.4	0	0	0	0	0	0
1/12/2024 10:06	24902 WHHA_T1	0	0	0	0	0	0	0.29	0.28	0	0	0	0	0	0
1/12/2024 10:06	20403 ASHF_T2	2	5	3	0.2	0.42	0.22	0.34	0.34	0	0	0	0	0	0
1/12/2024 10:06	57401 SPAN_T1	52	2	-50	0.23	0.95	0.72	-1.97	-0.55	0	0	0	0	0	0
1/12/2024 10:06	67002 STHI_T2	94	273	179	0.19	0.19	0	1.44	1.4	0	0	0	0	0	0
1/12/2024 10:06	52502 PROG_T2	0	0	0	0	0	0	-0.53	-0.51	1	1	0	900	900	0
1/12/2024 10:06	13302 ORVI_T2	4	8	4	0.1	0.23	0.13	1.16	1.08	0	0	0	0	0	0
1/12/2024 10:07	57403 SPAN_T1	4	1	-3	0.18	0.1	-0.08	0	0	0	0	0	0	0	0
1/12/2024 10:07	14403 SSLA_T1	0	0	0	0	0	0	1.95	1.94	0	0	0	0	0	0
1/12/2024 10:08	67402 WAKE_T2	0	0	0	0	0	0	-0.35	-0.33	1	1	0	600	600	0
1/12/2024 10:08	67002 STHI_T2	94	273	179	0.19	0.19	0	1.44	1.4	0	0	0	0	0	0
1/12/2024 10:08	57401 SPAN_T1	52	2	-50	0.23	0.95	0.72	-0.99	-0.28	0	0	0	0	0	0
1/12/2024 10:08	14403 SSLA_T1	0	0	0	0	0	0	0.97	0.97	0	0	0	0	0	0
1/12/2024 10:10	20403 ASHF_T2	2	5	3	0.2	0.42	0.22	0.17	0.13	0	0	0	0	0	0
1/12/2024 10:10	62604 ENGL_T1	0	0	0	0	0	0	-0.53	-0.54	1	1	0	600	600	0
1/12/2024 10:12	54502 ENOL_T2	1	1	0	0.5	0.4	-0.1	-1.96	-1.98	1	1	0	600	600	0
1/12/2024 10:12	62604 ENGL_T1	0	0	0	0	0	0	-0.53	-0.54	1	1	0	600	600	0
1/12/2024 10:13	62604 ENGL_T1	0	0	0	0	0	0	-0.53	-0.54	1	1	0	600	600	0
1/12/2024 10:13	64702 LITI_T2	0	0	0	0	0	0	-0.71	-0.6	0	0	0	0	0	0
1/12/2024 10:13	67402 WAKE_T2	0	0	0	0	0	0	-0.33	-0.34	1	1	0	600	600	0
1/12/2024 10:14	62604 ENGL_T1	0	0	0	0	0	0	-1.05	-1.09	2	2	0	1200	1200	0
1/12/2024 10:14	54505 ENOL_T2	1	1	0	0.9	0.9	0	0	0	0	0	0	0	0	0
1/12/2024 10:17	54206 PENN_T2	2	4	2	0.15	0.15	0	0	0	0	0	0	0	0	0
1/12/2024 10:17	55002 NEWP_T1	6	5	-1	0.67	0.6	-0.07	-0.21	-0.19	0	0	0	0	0	0
1/12/2024 10:18	64702 LITI_T2	0	0	0	0	0	0	-0.71	-0.6	0	0	0	0	0	0
1/12/2024 10:18	57401 SPAN_T1	2	2	0	0.95	0.9	-0.05	-0.28	-0.34	0	0	0	0	0	0
1/12/2024 10:19	57401 SPAN_T1	2	2	0	0.95	0.9	-0.05	0	0	0	0	0	0	0	0
1/12/2024 10:19	55002 NEWP_T1	6	5	-1	0.67	0.6	-0.07	-0.21	-0.19	0	0	0	0	0	0
1/12/2024 10:19	64101 REFR_T1	0	0	0	0	0	0	-0.05	-0.01	0	0	0	0	0	0
1/12/2024 10:19	64702 LITI_T2	0	0	0	0	0	0	-0.71	-0.6	0	0	0	0	0	0
1/12/2024 10:20	55002 NEWP_T1	6	5	-1	0.67	0.6	-0.07	-0.21	-0.19	0	0	0	0	0	0
1/12/2024 10:20	66902 SHIL_T2	72	81	9	0.14	0.13	-0.01	0	0	0	0	0	0	0	0
1/12/2024 10:20	64101 REFR_T1	0	0	0	0	0	0	-0.03	-0.01	0	0	0	0	0	0
1/12/2024 10:20	65001 NEFF_T2	0	0	0	0	0	0	-0.98	-1.17	2	2	0	2400	2400	0
1/12/2024 10:21	67002 STHI_T2	245	266	21	0.18	0.2	0.02	0.7	0.7	0	0	0	0	0	0
1/12/2024 10:21	55002 NEWP_T1	6	5	-1	0.67	0.6	-0.07	-0.21	-0.19	0	0	0	0	0	0
1/12/2024 10:21	56501 ROCK_T2	2	2	0	1.75	1.15	-0.6	-1.49	-1.49	0	0	0	0	0	0
1/12/2024 10:22	44301 BEAV_T2	0	0	0	0	0	0	-0.33	-0.48	2	2	0	1500	1500	0
1/12/2024 10:22	29401 BELT_T1	0	4	4	0	0.1	0.1	0	0	1	1	0	900	900	0
1/12/2024 10:22	67001 STHI_T2	538	567	29	0.24	0.25	0.01	0	0	0	0	0	0	0	0
1/12/2024 10:22	64101 REFR_T1	0	0	0	0	0	0	-0.03	-0.01	0	0	0	0	0	0
1/12/2024 10:23	57401 SPAN_T1	2	2	0	0.95	0.9	-0.05	-0.28	-0.34	0	0	0	0	0	0
1/12/2024 10:23	56801 BENV_T1	20	20	0	0.77	0.76	-0.01	-0.61	-0.6	1	1	0	600	600	0
1/12/2024 10:23	56802 BENV_T2	0	1	1	0	0.1	0.1	-0.61	-0.57	0	0	0	0	0	0
1/12/2024 10:24	29402 BELT_T1	1	1	0	6.4	6.6	0.2	0	0	0	0	0	0	0	0
1/12/2024 10:25	56802 BENV_T2	0	1	1	0	0.1	0.1	-1.14	-1.29	0	0	0	0	0	0
1/12/2024 10:25	56801 BENV_T1	20	20	0	0.77	0.76	-0.01	-0.6	-0.62	1	1	0	600	600	0
1/12/2024 10:26	64101 REFR_T1	0	0	0	0	0	0	-0.01	0	0	0	0	0	0	0
1/12/2024 10:27	62607 ENGL_T1	0	0	0	0	0	0	-0.71	-0.67	0	0	0	0	0	0
1/12/2024 10:28	52404 GRPA_T2	1	2	1	0.4	0	-0.4	0	0	0	0	0	0	0	0
1/12/2024 10:29	64702 LITI_T2	0	0	0	0	0	0	-0.6	-0.77	0	0	0	0	0	0
1/12/2024 10:30	64702 LITI_T2	0	0	0	0	0	0	-0.6	-0.77	0	0	0	0	0	0
1/12/2024 10:32	16402 MOPO_T1	1	3	2	0.1	0.25	0.15	0.53	0.37	0	0	0	0	0	0
1/12/2024 10:33	57403 SPAN_T1	0	2	2	0	0.15	0.15	0.17	0.17	0	0	0	0	0	0
1/12/2024 10:34	45402 WBLO_T2	1	1	0	0.9	0.9	0	-0.68	-0.69	0	0	0	0	0	0
1/12/2024 10:34	64902 MILL_T2	0	0	0	0	0	0	-0.58	-0.64	1	1	0	900	900	0
1/12/2024 10:35	57401 SPAN_T1	2	2	0	0.75	0.95	0.2	-0.34	-0.34	0	0	0	0	0	0
1/12/2024 10:36	40601 PIGR_T1	22	36	14	0.14	0.15	0.01	0	0	0	0	0	0	0	0
1/12/2024 10:36	56504 ROCK_T2	0	0	0	0	0	0	-0.01	-0.01	0	0	0	0	0	0
1/12/2024 10:36	66902 SHIL_T2	68	88	20	0.13	0.13	0	0	0	0	0	0	0	0	0
1/12/2024 10:36	65901 SAKR_T2	1	1	0	8.9	8.8	-0.1	-1.2	-1.16	1	1	0	900	900	0
1/12/2024 10:36	67502 WEWI_T2	0	0	0	0	0	0	-0.29	-0.26	0	0	0	0	0	0
1/12/2024 10:37	16302 ALPA_T2	0	0	0	0	0	0	1.82	1.61	0	0	0	0	0	0
1/12/2024 10:37	54202 PENN_T2	0	1	1	0	0.1	0.1	0.73	0.71	0	0	0	0	0	0
1/12/2024 10:38	67503 WEWI_T2	0	0	0	0	0	0	-0.12	-0.12	0	0	0	0	0	0
1/12/2024 10:38	16302 ALPA_T2	0	0	0	0	0	0	0.91	0.81	0	0	0	0	0	0
1/12/2024 10:38	60201 ATGL_T2	0	0	0	0	0	0	0	0.05	1	1	0	600	600	0
1/12/2024 10:38	42701 AUGU_T1	1	1	0	1.1	1.2	0.1	0	0	1	1	0	600	600	0
1/12/2024 10:39	16302 ALPA_T2	0	0	0	0	0	0	0.81	0.73	0	0	0	0	0	0
1/12/2024 10:39	42701 AUGU_T1	1	1	0	1.1	1.2	0.1	0	0	1	1	0	600	600	0
1/12/2024 10:39	56801 BENV_T1	18	20	2	0.74	0.71	-0.03	0	0	0	0	0	0	0	0
1/12/2024 10:40	42701 AUGU_T1	1	1	0	1.1	1.2	0.1	0	0	1	1	0	600	600	0
1/12/2024 10:40	54505 ENOL_T2	1	1	0	0.8	1	0.2	0	0	0	0	0	0	0	0
1/12/2024 10:40	56803 BENV_T1	0	0	0	0	0	0	0.35	0.28	0	0	0	0	0	0
1/12/2024 10:40	20105 AVOC_T1	0	0	0	0	0	0	-1.03	-1.04	1	1	0	600	600	0
1/12/2024 10:41	56803 BENV_T1	0	0	0	0	0	0	0.7	0.56	0	0	0	0	0	0
1/12/2024 10:41	67502 WEWI_T2	0	0	0	0	0	0	-0.13	-0.07	0	0	0	0	0	0
1/12/2024 10:42	46203 DANV_T2	0	0	0	0	0	0	-0.88	-0.86	0	0	0	0	0	0
1/12/2024 10:44	66505 SMAN_T2	1	1	0	0.2	0.4	0.2	-0.19	-0.22	2	2	0	1100	1100	0
1/12/2024 10:44	46801 HEPB_T2	2	2	0	0.1	0.15	0.05	0.68	0.67	0	0	0	0	0	0
1/12/2024 10:44	40101 HUNT_T2	57	45	-12	0.5	0.34	-0.16	-0.33	-0.22	0	0	0	0	0	0
1/12/2024 10:46	66505 SMAN_T2	1	1	0	0.3	0.4	0.1	-0.19	-0.22	2	2	0	1100	1100	0
1/12/2024 10:46	40601 PIGR_T1	26	64	38	0.15	0.17	0.02	0	0	0	0	0	0	0	0
1/12/2024 10:46	65001 NEFF_T2	0	0	0	0	0	0	-0.54	-0.47	1	1	0	1200	1200	0
1/12/2024 10:46	40101 HUNT_T2	28	42	14	0.36	0.34	-0.02	-0.66	-0.44	0	0	0	0	0	0
1/12/2024 10:47	52102 MEIS_T1	0	0	0	0	0	0	0	0	1	1	0	450	450	0
1/12/2024 10:47	64802 MONE_T2	2	16	14	0.3	0.21	-0.09	0.17	0.15	0	0	0	0	0	0
1/12/2024 10:48	54206 PENN_T2	4	5	1	0.15	0.2	0.05	0	0	0	0	0	0	0	0
1/12/2024 10:49	44901 SCOT_T2	0	0	0	0	0	0	-0.82	-0.61	0	0	0	0	0	0
1/12/2024 10:50	54204 PENN_T2	0	2	2	0	0.1	0.1	0	0	0	0	0	0	0	0
1/12/2024 10:50	66703 STRA_T1	0	7	7	0	0.4	0.4	0.03	-0.02	0	0	0	0	0	0
1/12/2024 10:51	67502 WEWI_T2	0	1	1	0	0.4	0.4	0	0	0	0	0	0	0	0
1/12/2024 10:51	44901 SCOT_T2	0	0	0	0	0	0	-1.64	-1.22	0	0	0	0	0	0
1/12/2024 10:52	55105 WERT_T1	0	0	0	0	0	0	-0.48	-0.48	1	1	0	900	900	0
1/12/2024 10:53	59301 MCAL_T1	2	2	0	0.15	0.3	0.15	0	0	0	0	0	0	0	0
1/12/2024 10:53	60201 ATGL_T2	0	0	0	0	0	0	0.05	-0.02	1	1	0	600	600	0
1/12/2024 10:54	27502 WEIS_T2	0	0	0	0	0	0	-0.38	-0.41	0	0	0	0	0	0
1/12/2024 10:54	29401 BELT_T1	4	4	0	0.1	0.1	0	0	0	1	1	0	900	900	0
1/12/2024 10:55	67402 WAKE_T2	1	0	-1	0.2	0	-0.2	-0.35	-0.36	1	1	0	600	600	0
1/12/2024 10:55	51102 CARL_T1	18	31	13	0.15	0.18	0.03	0	0	0	0	0	0	0	0
1/12/2024 10:55	61102 BERK_T5	0	0	0	0	0	0	1.08	1.04	1	1	0	300	300	0
1/12/2024 10:55	56802 BENV_T2	1	1	0	0.1	0.5	0.4	-0.63	-0.55	0	0	0	0	0	0
1/12/2024 10:56	54505 ENOL_T2	1	1	0	1	1	0	0	0	0	0	0	0	0	0
1/12/2024 10:56	56801 BENV_T1	19	19	0	0.73	1.02	0.29	0	0	0	0	0	0	0	0
1/12/2024 10:56	53903 HALI_T2	2	2	0	1	1.1	0.1	-0.07	-0.07	0	0	0	0	0	0
1/12/2024 10:57	51102 CARL_T1	18	31	13	0.15	0.18	0.03	0	0	0	0	0	0	0	0
1/12/2024 10:58	40101 HUNT_T2	28	42	14	0.36	0.34	-0.02	-0.22	-0.33	0	0	0	0	0	0
1/12/2024 10:58	61801 EEU_T2	0	0	0	0	0	0	-0.28	-0.27	0	0	0	0	0	0
1/12/2024 10:59	53901 HALI_T2	1	1	0	0.4	0.3	-0.1	0	0	0	0	0	0	0	0
1/12/2024 11:00	53903 HALI_T2	2	3	1	1	0.8	-0.2	-0.07	-0.07	0	0	0	0	0	0
1/12/2024 11:00	47002 HUGH_T2	10	1	-9	0.37	0.1	-0.27	0	0	0	0	0	0	0	0
1/12/2024 11:00	67402 WAKE_T2	0	0	0	0	0	0	-0.35	-0.36	1	1	0	600	600	0
1/12/2024 11:01	59301 MCAL_T1	2	3	1	0.2	0.4	0.2	-1.78	-1.76	1	1	0	600	600	0
1/12/2024 11:01	47001 HUGH_T2	0	0	0	0	0	0	-0.75	-0.75	0	0	0	0	0	0
1/12/2024 11:02	64204 KINZ_T1	1	1	0	0.5	1.1	0.6	0	0	0	0	0	0	0	0
1/12/2024 11:03	57403 SPAN_T1	2	9	7	0.15	0.32	0.17	0.18	0.18	0	0	0	0	0	0
1/12/2024 11:03	13302 ORVI_T2	9	9	0	0.26	0.16	-0.1	2.25	2.42	0	0	0	0	0	0
1/12/2024 11:03	64101 REFR_T1	0	0	0	0	0	0	0	-0.03	0	0	0	0	0	0
1/12/2024 11:03	57403 SPAN_T1	2	9	7	0.15	0.32	0.17	0.18	0.18	0	0	0	0	0	0
1/12/2024 11:05	57403 SPAN_T1	2	9	7	0.15	0.32	0.17	0.35	0.35	0	0	0	0	0	0
1/12/2024 11:05	64101 REFR_T1	0	0	0	0	0	0	0	-0.03	0	0	0	0	0	0
1/12/2024 11:05	13302 ORVI_T2	9	9	0	0.26	0.16	-0.1	2.25	2.42	0	0	0	0	0	0
1/12/2024 11:05	59102 WALK_T2	0	1	1	0	0.2	0.2	0	0	0	0	0	0	0	0
1/12/2024 11:05	52504 PROG_T1	0	3	3	0	0.1	0.1	0	0	0	0	0	0	0	0
1/12/2024 11:06	24901 WHHA_T1	0	1	1	0	0.5	0.5	-0.45	-0.44	0	0	0	0	0	0
1/12/2024 11:07	67901 WNHO_T2	0	0	0	0	0	0	0.21	0.22	1	1	0	900	900	0
1/12/2024 11:08	59102 WALK_T2	0	1	1	0	0.2	0.2	0	0	0	0	0	0	0	0
1/12/2024 11:08	45402 WBLO_T2	0	1	1	0	0.2	0.2	-0.72	-0.7	0	0	0	0	0	0
1/12/2024 11:09	55105 WERT_T1	0	0	0	0	0	0	-0.47	-0.51	1	1	0	900	900	0
1/12/2024 11:09	67503 WEWI_T2	0	0	0	0	0	0	-0.14	-0.17	0	0	0	0	0	0
1/12/2024 11:09	67605 WARW_T1	0	5	5	0	0.18	0.18	-2.34	-2.35	0	0	0	0	0	0
1/12/2024 11:11	61801 EEU_T2	0	0	0	0	0	0	-0.54	-0.56	0	0	0	0	0	0
1/12/2024 11:12	40101 HUNT_T2	37	33	-4	0.48	0.36	-0.12	-0.33	-0.37	0	0	0	0	0	0
1/12/2024 11:13	51604 DUKE_T2	20	12	-8	0.21	0.29	0.08	-1.59	-0.52	1	0	-1	900	0	-900
1/12/2024 11:14	45702 LIND_T2	0	1	1	0	1.1	1.1	-0.37	-0.49	0	0	0	0	0	0
1/12/2024 11:14	41802 GOCI_T2	5	10	5	0.1	0.11	0.01	0	0	0	0	0	0	0	0
1/12/2024 11:14	51604 DUKE_T2	20	12	-8	0.21	0.29	0.08	-1.59	-0.52	1	0	-1	900	0	-900
1/12/2024 11:15	47001 HUGH_T2	0	0	0	0	0	0	0	-0.75	0	0	0	0	0	0
1/12/2024 11:16	40101 HUNT_T2	33	17	-16	0.38	0.27	-0.11	-0.33	-0.37	0	0	0	0	0	0
1/12/2024 11:17	52101 MEIS_T1	1	0	-1	0.1	0	-0.1	0	0	0	0	0	0	0	0
1/12/2024 11:17	46301 ROHR_T1	1	3	2	0.5	0.4	-0.1	0	0	0	0	0	0	0	0
1/12/2024 11:18	52101 MEIS_T1	1	0	-1	0.1	0	-0.1	0	0	0	0	0	0	0	0
1/12/2024 11:18	46301 ROHR_T1	1	3	2	0.5	0.4	-0.1	0.25	0.26	0	0	0	0	0	0
1/12/2024 11:18	40602 PIGR_T1	0	0	0	0	0	0	-0.55	-0.5	1	1	0	600	600	0
1/12/2024 11:19	46301 ROHR_T1	1	3	2	0.5	0.4	-0.1	0.25	0.26	0	0	0	0	0	0
1/12/2024 11:20	59201 THOM_T1	0	1	1	0	0.6	0.6	0	0	0	0	0	0	0	0
1/12/2024 11:21	57403 SPAN_T1	5	18	13	0.14	0.33	0.19	0.18	0.16	0	0	0	0	0	0
1/12/2

Appendix C - Grid Benefits Achieved in Each Instance of Active Management

1/12/2024 11:44	61303 EARL_T1	0	0	0	0	0	0	1.13	1.97	0	0	0	0	0	0
1/12/2024 11:44	40101 HUNT_T2	15	7	-8	0.42	0.37	-0.05	-0.46	-0.45	0	0	0	0	0	0
1/12/2024 11:45	61304 EARL_T1	0	1	1	0	0.1	0.1	0	0	0	0	0	0	0	0
1/12/2024 11:46	40101 HUNT_T2	5	14	9	0.34	0.3	-0.04	-0.91	-0.91	0	0	0	0	0	0
1/12/2024 11:47	52006 LING_T2	3	3	0	0.33	0.47	0.14	0	0	0	0	0	0	0	0
1/12/2024 11:47	52102 MEIS_T1	3	5	2	0.23	0.5	0.27	0	0	1	1	0	450	450	0
1/12/2024 11:47	64101 REFR_T1	2	0	-2	0.15	0	-0.15	-0.04	-0.06	0	0	0	0	0	0
1/12/2024 11:48	65003 NEFF_T2	2	7	5	0.1	0.3	0.2	0	0	0	0	0	0	0	0
1/12/2024 11:48	64101 REFR_T1	2	0	-2	0.15	0	-0.15	-0.07	-0.11	0	0	0	0	0	0
1/12/2024 11:48	52006 LING_T2	3	3	0	0.33	0.47	0.14	0	0	0	0	0	0	0	0
1/12/2024 11:49	52102 MEIS_T1	3	5	2	0.23	0.5	0.27	0	0	2	2	0	900	900	0
1/12/2024 11:49	65004 NEFF_T2	0	1	1	0	0.3	0.3	0	0	0	0	0	0	0	0
1/12/2024 11:49	59301 MCAL_T1	8	11	3	0.61	0.74	0.13	-1.79	-1.81	1	1	0	600	600	0
1/12/2024 11:49	65901 SAKR_T2	1	2	1	9.2	4.75	-4.45	-1.16	-1.08	1	1	0	900	900	0
1/12/2024 11:51	65902 SAKR_T2	0	0	0	0	0	0	-0.42	-0.45	1	1	0	300	300	0
1/12/2024 11:51	59102 WALK_T2	2	5	3	0.2	0.28	0.08	0	0	0	0	0	0	0	0
1/12/2024 11:52	59101 WALK_T2	1	0	-1	0.8	0	-0.8	1.48	1.63	0	0	0	0	0	0
1/12/2024 11:52	64101 REFR_T1	2	0	-2	0.15	0	-0.15	-0.04	-0.06	0	0	0	0	0	0
1/12/2024 11:52	16302 ALPA_T2	0	0	0	0	0	0	1.41	1.49	0	0	0	0	0	0
1/12/2024 11:53	59102 WALK_T2	2	5	3	0.2	0.28	0.08	0	0	0	0	0	0	0	0
1/12/2024 11:55	54505 ENOL_T2	1	2	1	0.8	0.7	-0.1	-2.43	-2.48	2	2	0	1200	1200	0
1/12/2024 11:55	54502 ENOL_T2	1	1	0	0.1	0.3	0.2	0	0	0	0	0	0	0	0
1/12/2024 11:56	50501 MECH_T1	4	4	0	1.28	1.5	0.22	0	0	0	0	0	0	0	0
1/12/2024 11:56	54505 ENOL_T2	1	2	1	0.8	0.7	-0.1	0	0	0	0	0	0	0	0
1/12/2024 11:56	16302 ALPA_T2	0	0	0	0	0	0	1.49	1.47	0	0	0	0	0	0
1/12/2024 11:57	54505 ENOL_T2	1	2	1	0.8	0.7	-0.1	0	0	0	0	0	0	0	0
1/12/2024 11:58	51102 CARL_T1	4	24	20	0.23	0.18	-0.05	0	0	0	0	0	0	0	0
1/12/2024 11:58	54501 ENOL_T2	0	0	0	0	0	0	0.17	0.16	0	0	0	0	0	0
1/12/2024 11:58	40101 HUNT_T2	5	14	9	0.34	0.3	-0.04	-0.45	-0.43	0	0	0	0	0	0
1/12/2024 11:58	61801 EEU_T2	0	1	1	0	0.1	0.1	-0.62	-0.62	0	0	0	0	0	0
1/12/2024 11:58	50501 MECH_T1	4	4	0	1.28	1.5	0.22	0	0	0	0	0	0	0	0
1/12/2024 11:59	11201 ELHE_T2	0	0	0	0	0	0	-0.24	0.11	2	2	0	2400	2400	0
1/12/2024 12:00	41802 GOCI_T2	13	15	2	0.18	0.26	0.08	0	0	0	0	0	0	0	0
1/12/2024 12:00	43202 MVIL_T2	36	53	17	0.22	0.35	0.13	-0.66	-0.66	0	0	0	0	0	0
1/12/2024 12:02	40101 HUNT_T2	4	15	11	0.33	0.17	-0.16	-0.45	-0.43	0	0	0	0	0	0
1/12/2024 12:03	43201 MVIL_T2	0	1	1	0	0.3	0.3	-0.36	-0.39	0	0	0	0	0	0
1/12/2024 12:03	43201 MVIL_T2	0	1	1	0	0.3	0.3	-0.36	-0.39	0	0	0	0	0	0
1/12/2024 12:04	41802 GOCI_T2	13	15	2	0.18	0.26	0.08	0	0	0	0	0	0	0	0
1/12/2024 12:05	65003 NEFF_T2	7	2	-5	0.3	0.3	0	0	0	0	0	0	0	0	0
1/12/2024 12:09	61102 BERK_T5	0	0	0	0	0	0	0.86	0.84	1	1	0	300	300	0
1/12/2024 12:09	10705 CATA_T2	1	1	0	1.1	1.4	0.3	-0.88	-0.87	1	1	0	900	900	0
1/12/2024 12:10	50503 MECH_T1	3	1	-2	0.17	0.1	-0.07	0	0	0	0	0	0	0	0
1/12/2024 12:10	67901 WNHO_T2	2	2	0	0.2	0.4	0.2	-0.02	-0.05	1	1	0	900	900	0
1/12/2024 12:11	50502 MECH_T1	1	1	0	1.9	1.7	-0.2	0	0	0	0	0	0	0	0
1/12/2024 12:11	54502 ENOL_T2	1	1	0	0.3	0.2	-0.1	0	0	0	0	0	0	0	0
1/12/2024 12:12	54505 ENOL_T2	2	3	1	0.7	0.7	0	-1.24	-1.27	1	1	0	600	600	0
1/12/2024 12:12	54502 ENOL_T2	1	1	0	0.3	0.2	-0.1	-2.03	-2.01	1	1	0	600	600	0
1/12/2024 12:13	50503 MECH_T1	3	1	-2	0.17	0.1	-0.07	0	0	0	0	0	0	0	0
1/12/2024 12:14	40101 HUNT_T2	4	15	11	0.33	0.17	-0.16	-0.43	-0.48	0	0	0	0	0	0
1/12/2024 12:14	54502 ENOL_T2	1	1	0	0.3	0.2	-0.1	-4.06	-4.03	2	2	0	1200	1200	0
1/12/2024 12:15	54502 ENOL_T2	1	0	-1	0.2	0	-0.2	0	0	0	0	0	0	0	0
1/12/2024 12:16	42903 MIDD_T2	5	6	1	1.24	1	-0.24	0.31	0.19	0	0	0	0	0	0
1/12/2024 12:17	66303 NCGO_T2	2	0	-2	0.15	0	-0.15	0	0	0	0	0	0	0	0
1/12/2024 12:17	52002 LING_T2	1	0	-1	0.2	0	-0.2	0	0	0	0	0	0	0	0
1/12/2024 12:18	40101 HUNT_T2	14	14	0	0.29	0.2	-0.09	-0.43	-0.48	0	0	0	0	0	0
1/12/2024 12:19	64101 REFR_T1	0	0	0	0	0	0	-0.05	-0.12	0	0	0	0	0	0
1/12/2024 12:20	64101 REFR_T1	0	0	0	0	0	0	-0.09	-0.23	0	0	0	0	0	0
1/12/2024 12:32	64802 MONE_T2	1	2	1	0.1	0.2	0.1	0	0.01	0	0	0	0	0	0
1/12/2024 12:32	39601 LNFD_T1	9	8	-1	0.34	0	-0.34	0	0	0	0	0	0	0	0
1/12/2024 12:33	64802 MONE_T2	1	2	1	0.1	0.2	0.1	0	0	0	0	0	0	0	0
1/12/2024 12:36	14802 TREI_T2	1	3	2	0.1	0.27	0.17	0	0	0	0	0	0	0	0
1/12/2024 12:37	56504 ROCK_T2	0	0	0	0	0	0	-0.13	-0.22	0	0	0	0	0	0
1/12/2024 12:37	44301 BEAV_T2	1	0	-1	0.4	0	-0.4	0	0	0	0	0	0	0	0
1/12/2024 12:37	56504 ROCK_T2	0	0	0	0	0	0	-0.13	-0.22	0	0	0	0	0	0
1/12/2024 12:39	44301 BEAV_T2	1	0	-1	0.4	0	-0.4	-0.06	-0.19	2	2	0	1500	1500	0
1/12/2024 12:40	44301 BEAV_T2	1	0	-1	0.4	0	-0.4	-0.06	-0.19	2	2	0	1500	1500	0
1/12/2024 12:40	56501 ROCK_T2	1	1	0	0.8	0.4	-0.4	-1.74	-1.7	0	0	0	0	0	0
1/12/2024 12:43	13302 ORVI_T2	11	12	1	0.32	0.47	0.15	1.06	1.04	0	0	0	0	0	0
1/12/2024 12:46	40101 HUNT_T2	7	0	-7	0.26	0	-0.26	-0.5	-0.54	0	0	0	0	0	0
1/12/2024 12:47	56501 ROCK_T2	1	1	0	0.4	0.4	0	-0.87	-0.85	0	0	0	0	0	0
1/12/2024 12:50	67204 TEHI_T2	0	0	0	0	0	0	-0.12	-0.11	0	0	0	0	0	0
1/12/2024 12:51	64101 REFR_T1	0	0	0	0	0	0	-0.15	-0.16	0	0	0	0	0	0
1/12/2024 12:52	64101 REFR_T1	0	0	0	0	0	0	-0.08	-0.08	0	0	0	0	0	0
1/12/2024 12:53	59102 WALK_T2	0	0	0	0	0	0	0.29	0.31	0	0	0	0	0	0
1/12/2024 12:55	59101 WALK_T2	0	0	0	0	0	0	1.41	1.36	0	0	0	0	0	0
1/12/2024 12:56	42401 GIMA_T1	18	17	-1	0.13	0.18	0.05	0	0	0	0	0	0	0	0
1/12/2024 13:01	52101 MEIS_T1	1	1	0	0.6	0.9	0.3	0	0	0	0	0	0	0	0
1/12/2024 13:02	52101 MEIS_T1	1	1	0	0.6	0.9	0.3	0	0	0	0	0	0	0	0
1/12/2024 13:03	52102 MEIS_T1	1	5	4	0.8	0.38	-0.42	0	0	1	1	0	450	450	0
1/12/2024 13:04	13105 NHAM_T2	0	0	0	0	0	0	-0.33	-0.32	1	1	0	1200	1200	0
1/12/2024 13:04	29402 BELT_T1	2	2	0	3.75	3.7	-0.05	0	0	0	0	0	0	0	0
1/12/2024 13:07	44601 SALE_T2	1	1	0	0.3	0.3	0	-0.09	-0.06	0	0	0	0	0	0
1/12/2024 13:08	56501 ROCK_T2	1	1	0	0.4	0.3	-0.1	-0.85	-0.85	0	0	0	0	0	0
1/12/2024 13:11	11101 EGYP_T1	0	0	0	0	0	0	0.41	0.4	0	0	0	0	0	0
1/12/2024 13:16	43202 MVIL_T2	45	45	0	0.26	0.26	0	-0.62	-0.64	0	0	0	0	0	0
1/12/2024 13:17	43201 MVIL_T2	0	0	0	0	0	0	-0.37	-0.34	0	0	0	0	0	0
1/12/2024 13:19	43202 MVIL_T2	45	45	0	0.26	0.26	0	-0.62	-0.64	0	0	0	0	0	0
1/12/2024 13:23	65001 NEFF_T2	0	0	0	0	0	0	-0.51	-0.64	1	1	0	1200	1200	0
1/12/2024 13:33	54502 ENOL_T2	0	1	1	0	0.1	0.1	-1.9	-2.03	1	1	0	600	600	0
1/12/2024 13:36	42201 SHEN_T2	0	0	0	0	0	0	-0.04	-0.01	1	1	0	600	600	0
1/12/2024 13:42	10705 CATA_T2	1	1	0	0.7	0.3	-0.4	-0.94	-0.93	1	1	0	900	900	0
1/12/2024 13:47	42901 MIDD_T2	2	2	0	0.2	0.15	-0.05	0	0	0	0	0	0	0	0
1/12/2024 14:02	46101 MACI_T2	0	0	0	0	0	0	0.06	-0.13	1	1	0	1200	1200	0
1/12/2024 14:04	43202 MVIL_T2	61	61	0	0.6	0.58	-0.02	0	0	0	0	0	0	0	0
1/12/2024 14:06	29401 BELT_T1	23	32	9	0.12	0.16	0.04	0	0	1	1	0	900	900	0
1/12/2024 14:08	29401 BELT_T1	23	32	9	0.12	0.16	0.04	0	0	1	1	0	900	900	0
1/12/2024 14:08	43001 ALWD_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1/12/2024 14:09	46203 DANV_T2	0	0	0	0	0	0	-0.06	-0.07	0	0	0	0	0	0
1/12/2024 14:10	29402 BELT_T1	1	1	0	7.4	7.6	0.2	0	0	0	0	0	0	0	0
1/12/2024 14:11	46203 DANV_T2	0	0	0	0	0	0	-0.06	-0.07	0	0	0	0	0	0
1/12/2024 14:12	29401 BELT_T1	23	32	9	0.12	0.16	0.04	0	0	1	1	0	900	900	0
1/12/2024 14:13	13503 MCMI_T2	0	0	0	0	0	0	0	0.03	0	0	0	0	0	0
1/12/2024 14:14	46801 HEPB_T2	2	2	0	0.5	0.65	0.15	0.57	0.63	0	0	0	0	0	0
1/12/2024 14:15	46903 MNTG_T2	4	0	-4	0.23	0	-0.23	0	0	0	0	0	0	0	0
1/12/2024 14:16	13503 MCMI_T2	0	0	0	0	0	0	0	0.03	0	0	0	0	0	0
1/12/2024 14:17	64305 LINC_T1	0	1	1	0	0.1	0.1	0	0	0	0	0	0	0	0
1/12/2024 14:17	46903 MNTG_T2	4	0	-4	0.23	0	-0.23	0.48	0.52	2	2	0	1200	1200	0
1/12/2024 14:18	46301 ROHR_T1	54	27	-27	0.19	0.17	-0.02	0.18	0.19	0	0	0	0	0	0
1/12/2024 14:18	44901 SCOT_T2	0	0	0	0	0	0	-0.85	-0.96	0	0	0	0	0	0
1/12/2024 14:18	41901 REED_T1	11	10	-1	1.08	1.12	0.04	0	0	0	0	0	0	0	0
1/12/2024 14:18	46301 ROHR_T1	54	27	-27	0.19	0.17	-0.02	0.18	0.19	0	0	0	0	0	0
1/12/2024 14:18	46903 MNTG_T2	4	0	-4	0.23	0	-0.23	0.73	0.77	3	3	0	1800	1800	0
1/12/2024 14:19	46301 ROHR_T1	54	27	-27	0.19	0.17	-0.02	0.18	0.19	0	0	0	0	0	0
1/12/2024 14:19	43202 MVIL_T2	60	62	2	0.55	0.6	0.05	-0.69	-0.64	0	0	0	0	0	0
1/12/2024 14:19	46903 MNTG_T2	4	0	-4	0.23	0	-0.23	0.24	0.26	1	1	0	600	600	0
1/12/2024 14:20	44902 SCOT_T2	2	0	-2	0.1	0	-0.1	0	0	0	0	0	0	0	0
1/12/2024 14:20	42201 SHEN_T2	0	0	0	0	0	0	0	0.02	1	1	0	600	600	0
1/12/2024 14:20	44903 SCOT_T1	0	0	0	0	0	0	-0.04	-0.02	0	0	0	0	0	0
1/12/2024 14:21	44901 SCOT_T2	0	0	0	0	0	0	-0.85	-0.96	0	0	0	0	0	0
1/12/2024 14:21	46302 ROHR_T1	6	4	-2	1.13	1.9	0.77	0.18	0.17	0	0	0	0	0	0
1/12/2024 14:21	65001 NEFF_T2	0	0	0	0	0	0	-0.78	-0.98	1	1	0	1200	1200	0
1/12/2024 14:21	64101 REFR_T1	0	0	0	0	0	0	-0.08	-0.08	0	0	0	0	0	0
1/12/2024 14:21	46004 BERW_T2	1	0	-1	0.1	0	-0.1	-0.77	-0.79	0	0	0	0	0	0
1/12/2024 14:21	44903 SCOT_T1	0	0	0	0	0	0	-0.08	-0.04	0	0	0	0	0	0
1/12/2024 14:22	46301 ROHR_T1	54	27	-27	0.19	0.17	-0.02	0.18	0.19	0	0	0	0	0	0
1/12/2024 14:22	46004 BERW_T2	1	0	-1	0.1	0	-0.1	-0.77	-0.79	0	0	0	0	0	0
1/12/2024 14:22	56501 ROCK_T2	1	1	0	0.3	0.5	0.2	-0.87	-0.86	0	0	0	0	0	0
1/12/2024 14:22	42201 SHEN_T2	0	0	0	0	0	0	0	0.02	1	1	0	600	600	0
1/12/2024 14:22	41901 REED_T1	11	10	-1	1.08	1.12	0.04	0	0	0	0	0	0	0	0
1/12/2024 14:23	16302 ALPA_T2	0	0	0	0	0	0	0.76	0.65	0	0	0	0	0	0
1/12/2024 14:23	44904 SCOT_T1	0	0	0	0	0	0	0.77	0.78	0	0	0	0	0	0
1/12/2024 14:23	46004 BERW_T2	1	0	-1	0.1	0	-0.1	-0.79	-0.76	0	0	0	0	0	0
1/12/2024 14:23	59101 WALK_T2	0	0	0	0	0	0	2.23	2.98	0	0	0	0	0	0
1/12/2024 14:23	44904 SCOT_T1	0	0	0	0	0	0	0.77	0.78	0	0	0	0	0	0
1/12/2024 14:24	29402 BELT_T1	1	1	0	7.6	7.4	-0.2	0	0	0	0	0	0	0	0
1/12/2024 14:24	59202 THOM_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1/12/2024 14:24	67605 WARW_T1	16	27	11	0.3	0.43	0.13	-1.04	-1.08	0	0	0	0	0	0
1/12/2024 14:24	16302 ALPA_T2	0	0	0	0	0	0	1.3	1.34	0	0	0	0	0	0
1/12/2024 14:25	46203 DANV_T2	0	0	0	0	0	0	-0.07	-0.04	0	0	0	0	0	0
1/12/2024 14:25	59101 WALK_T2	0	0	0	0	0	0	1.49	1.04	0	0	0	0	0	0
1/12/2024 14:26	29402 BELT_T1	1	1	0	7.6	7.4	-0.2	0	0	0	0	0	0	0	0
1/12/2024 14:27	52401 GRPA_T2	1	1	0	0.2	0.5	0.3	0	0	0	0	0	0	0	0
1/12/2024 14:27	46203 DANV_T2	0	0	0	0	0	0	-0.07	-0.04	0	0	0	0	0	0
1/12/2024 14:29	46801 HEPB_T2	2	2	0	0.65	0.5	-0.15	0.63	0.64	0	0	0	0	0	0
1/12/2024 14:30	12701 MACU_T1	0	0	0	0	0	0	0.22	0.22	0	0	0	0	0	0
1/12/2024 14:33	46903 MNTG_T2	0	17	17	0	0.11	0.11	0.26	0.12	1	1	0	600	600	0
1/12/2024 14:33	64305 LINC_T1	0	2	2	0	0.1	0.1	0	0	0	0	0	0	0	0
1/12/2024 14:34	46301 ROHR_T1	20	20	0	0.19	0.17	-0.02	0.38	0.42	0	0	0	0	0	0
1/12/2024 14:34	46302 ROHR_T1	2	4	2	3.15	1.93	-1.22	0.34	0.4	0	0	0	0	0	0
1/12/2024 14:35	67605 WARW_T1	21	28	7	0.45	0.48	0.03	-1.04	-1.08	0	0	0	0	0	0
1/12/2024 14:35	67204 TEHI_T2	0	0	0	0	0	0	-0.04	-0.09	0	0	0	0	0	0
1/12/2024 14:36	46302 ROHR_T1	2	4	2	3.15	1.93	-1.22	0.17	0.2	0	0	0	0	0	0
1/12/2024 14:36	42201 SHEN_T2	0	0	0	0	0	0	0.02	0	1	1	0	600	600	0
1/12/2024 14:37	45501 DERR_T2	0	0	0	0	0	0	0.32	0.41	2	2	0	1800	1800	0
1/12/2024 14:37	46004 BERW_T2	0	0	0	0	0	0	-0.79	-0.76	0	0	0	0	0	0
1/12/2024 14:38	16302 ALPA_T2	0	0	0	0	0	0	0.65	0.67	0	0	0	0	0	0
1/12/2024 14:38	60803 BUCK_T1	0	0	0	0	0	0	-0.5	-0.51	1	1	0	600	600	0
1/12/2024 14:38	67502 WEWI_T2	1	2	1	0.1	0.55	0.45	-0.67	-0.63	0	0	0	0	0	0
1/12/2024 14:39	60803 BUCK_T1	0	0	0	0	0	0	-0.51	-0.51	1	1	0	600	600	0
1/12/2024 14:39	67605 WARW_T1	21	28	7	0.45	0.48	0.03	-1.08	-1.07	0	0	0	0	0	0
1/12/2024 14:39	55105 WERT_T1	0	0	0	0	0	0	-0.63	-0.62	1	1	0	900	900	0
1/12/2024 14:40	41601 CLEV_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1/12/2024 14:40	45501 DERR_T2	0	0	0	0	0	0	0.41	0.28	2	2	0	1800	1800	0
1/12/2024 14:40	46203 DANV_T2	0	0	0	0	0	0	-0.04	-0.05	0	0	0	0	0	0
1/12/2024 14:40	67502 WEWI_T2	1	2	1	0.1	0.55	0.45	-0.31	-0.31	0	0	0	0	0	0
1/12/2024 14:40	29402 BELT_T1	1	1	0	7.4	7.1	-0.3	0	0	0	0	0	0	0	0
1/12/2024 14:40	16302 ALPA_T2	0	0	0	0	0	0	1.34	1.46	0	0	0	0	0	0
1/12/2024 14:41	60803 BUCK_T1	0	0	0	0	0	0	-0.51	-0.51	1	1	0	600	600	0
1/12/2024 14:42	41601 CLEV_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1/12/2024 14:43	61303 EARL_T1	0	0	0	0	0	0	0.88	0.49	0	0	0	0	0	0
1/12/2024 14:44	46903 MNTG_T2	0	17	17	0	0.11	0.11	0.12	-0.09	1	1	0	600	600	0
1/12/2024 14:44	61303 EARL_T1	0	0	0	0	0	0	0.44	0.24	0	0	0	0	0	0
1/12/2024 14:44	23301 JEFF_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1/12/2024 14:45	13503 MCMI_T2	0	0	0	0	0	0	0	0.09	0	0	0	0	0	0
1/12/2024 14:45	12701 MACU_T1	0	0	0	0	0	0	0.11	0.1	0	0	0	0	0	0
1/12/2024 14:45	46801 HEPB_T2	2	2	0	0.45	0.5	0.05	0.64	0.76	0	0	0	0	0	0
1/12/2024 14:46	60604 NCOL_T2	0	0	0	0	0	0	0.3	0.34	0	0	0	0	0	0
1/12/2024 14:46

Appendix C - Grid Benefits Achieved in Each Instance of Active Management

1/12/2024 15:19	59101 WALK_T2	0	0	0	0	0	0	0.89	1.41	0	0	0	0	0	0
1/12/2024 15:20	41901 REED_T1	11	11	0	1.1	1.05	-0.05	0	0	0	0	0	0	0	0
1/12/2024 15:21	65902 SAKR_T2	0	0	0	0	0	0	-0.39	-0.26	1	1	0	300	300	0
1/12/2024 15:24	59101 WALK_T2	0	0	0	0	0	0	1.41	1.36	0	0	0	0	0	0
1/12/2024 15:24	40505 CRES_T1	0	0	0	0	0	0	0.66	0.62	0	0	0	0	0	0
1/12/2024 15:24	40502 CRES_T2	5	4	-1	0.24	0.18	-0.06	-0.62	-0.62	0	0	0	0	0	0
1/12/2024 15:26	40505 CRES_T1	0	0	0	0	0	0	0.33	0.31	0	0	0	0	0	0
1/12/2024 15:26	40502 CRES_T2	5	4	-1	0.24	0.18	-0.06	-1.55	-1.55	0	0	0	0	0	0
1/12/2024 15:28	40505 CRES_T1	0	0	0	0	0	0	0.66	0.62	0	0	0	0	0	0
1/12/2024 15:28	40502 CRES_T2	5	4	-1	0.24	0.18	-0.06	-2.79	-2.79	0	0	0	0	0	0
1/12/2024 15:30	64203 KINZ_T1	0	146	146	0	0.69	0.69	-0.39	-0.48	3	3	0	1500	1500	0
1/12/2024 15:44	64202 KINZ_T1	0	2	2	0	0.4	0.4	0	0	0	0	0	0	0	0
1/12/2024 15:44	27101 GFLD_T2	0	0	0	0	0	0	0.25	0.28	0	0	0	0	0	0
1/12/2024 15:53	14403 SSLA_T1	0	0	0	0	0	0	0.81	1.03	0	0	0	0	0	0
1/12/2024 15:54	40502 CRES_T2	3	5	2	0.2	0.14	-0.06	-0.65	-0.56	0	0	0	0	0	0
1/12/2024 15:54	60701 BREC_T1	0	96	96	0	0.13	0.13	-0.42	-0.5	1	1	0	600	600	0
1/12/2024 15:55	60701 BREC_T1	0	96	96	0	0.13	0.13	-1.27	-1.49	3	3	0	1800	1800	0
1/12/2024 15:56	60701 BREC_T1	0	96	96	0	0.13	0.13	-0.42	-0.5	1	1	0	600	600	0
1/12/2024 15:56	40502 CRES_T2	3	5	2	0.2	0.14	-0.06	-0.65	-0.56	0	0	0	0	0	0
1/12/2024 15:57	60701 BREC_T1	0	96	96	0	0.13	0.13	-0.42	-0.5	1	1	0	600	600	0
1/12/2024 15:58	53901 HAU_T2	2	2	0	0.7	0.6	-0.1	0	0	0	0	0	0	0	0
1/12/2024 15:58	60701 BREC_T1	0	96	96	0	0.13	0.13	-0.42	-0.5	1	1	0	600	600	0
1/12/2024 15:58	40502 CRES_T2	3	5	2	0.2	0.14	-0.06	-0.33	-0.28	0	0	0	0	0	0
1/12/2024 15:59	53901 HAU_T2	0	0	0	0	0	0	-0.33	-0.32	0	0	0	0	0	0
1/12/2024 16:00	53901 HAU_T2	0	20	20	0	0.17	0.17	-1	-0.97	0	0	0	0	0	0
1/12/2024 16:01	65001 NEFF_T2	7	13	6	0.1	0.12	0.02	-1.07	-1.17	1	1	0	1200	1200	0
1/12/2024 16:06	67103 SPRI_T1	0	0	0	0	0	0	-0.12	-0.08	0	0	0	0	0	0
1/12/2024 16:10	60701 BREC_T1	54	85	31	0.13	0.12	-0.01	-0.5	-0.48	1	1	0	600	600	0
1/12/2024 16:14	64204 KINZ_T1	1	1	0	1	1.2	0.2	0	0	0	0	0	0	0	0
1/12/2024 16:14	60701 BREC_T1	54	85	31	0.13	0.12	-0.01	-0.5	-0.48	1	1	0	600	600	0
1/12/2024 16:15	63404 HONY_T1	2	2	0	6.4	6.2	-0.2	0	0	0	0	0	0	0	0
1/12/2024 16:19	59003 MIFF_T1	0	1	1	0	0.2	0.2	-0.16	-0.45	0	0	0	0	0	0
1/12/2024 16:25	60701 BREC_T1	85	5	-80	0.12	0.1	-0.02	-0.48	-0.51	1	1	0	600	600	0
1/12/2024 16:27	65003 NEFF_T2	3	0	-3	0.13	0	-0.13	0	0	0	0	0	0	0	0
1/12/2024 16:30	60701 BREC_T1	5	0	-5	0.1	0	-0.1	-0.48	-0.51	1	1	0	600	600	0
1/12/2024 16:30	47901 HRDG_T1	0	0	0	0	0	0	1	0.68	0	0	0	0	0	0
1/12/2024 16:32	47901 HRDG_T1	0	0	0	0	0	0	1	0.68	0	0	0	0	0	0
1/12/2024 16:40	40502 CRES_T2	0	0	0	0	0	0	-0.44	-0.41	0	0	0	0	0	0
1/12/2024 16:51	49803 UNIV_T1	0	0	0	0	0	0	-1.05	-1	0	0	0	0	0	0
1/12/2024 17:09	65003 NEFF_T2	0	3	3	0	0.1	0.1	0	0	0	0	0	0	0	0
1/12/2024 17:28	63305 GREE_T1	0	0	0	0	0	0	-1.37	-1.4	0	0	0	0	0	0
1/12/2024 17:31	63305 GREE_T1	0	0	0	0	0	0	-1.37	-1.4	0	0	0	0	0	0
1/12/2024 17:38	40502 CRES_T2	10	15	5	0.19	0.23	0.04	-0.76	-0.79	0	0	0	0	0	0
1/12/2024 17:39	43402 BENT_T1	0	0	0	0	0	0	-0.92	-0.92	1	1	0	900	900	0
1/12/2024 17:40	43402 BENT_T1	0	0	0	0	0	0	-0.92	-0.92	1	1	0	900	900	0
1/12/2024 17:41	43402 BENT_T1	0	0	0	0	0	0	-0.92	-0.92	1	1	0	900	900	0
1/12/2024 17:46	57401 SPAN_T1	0	0	0	0	0	0	-0.54	-0.7	1	1	0	600	600	0
1/12/2024 17:57	65001 NEFF_T2	28	90	62	0.12	0.13	0.01	-1.19	-1.18	1	1	0	1200	1200	0
1/12/2024 17:58	59101 WALK_T2	0	0	0	0	0	0	1.11	-0.32	1	0	-1	450	0	-450
1/12/2024 17:59	59101 WALK_T2	0	0	0	0	0	0	2.21	-0.64	2	0	-2	900	0	-900
1/12/2024 18:00	59101 WALK_T2	0	0	0	0	0	0	1.11	-0.32	1	0	-1	450	0	-450
1/12/2024 18:03	13503 MCMI_T2	2	2	0	0.15	0	-0.15	0.24	0.23	0	0	0	0	0	0
1/12/2024 18:06	59101 WALK_T2	0	0	0	0	0	0	1.11	-0.32	0	0	0	0	0	0
1/12/2024 18:14	54505 ENOL_T2	1	1	0	0.1	0.3	0.2	0	0	0	0	0	0	0	0
1/12/2024 18:36	52102 MEIS_T1	0	0	0	0	0	0	0	0	1	1	0	450	450	0
1/12/2024 18:38	67503 WEWI_T2	0	0	0	0	0	0	-0.15	-0.19	0	0	0	0	0	0
1/12/2024 18:38	59301 MCAL_T1	2	2	0	0.45	0.5	0.05	-1.4	-1.42	0	0	0	0	0	0
1/12/2024 18:38	64203 KINZ_T1	0	0	0	0	0	0	-0.37	-0.45	1	1	0	600	600	0
1/12/2024 18:39	62604 ENGL_T1	1	0	-1	0.1	0	-0.1	0	0	0	0	0	0	0	0
1/12/2024 18:39	56802 BENV_T2	0	2	2	0	0.15	0.15	-1.32	-1.31	0	0	0	0	0	0
1/12/2024 18:40	53901 HAU_T2	156	127	-29	0.92	0.58	-0.34	0	0	0	0	0	0	0	0
1/12/2024 18:40	57401 SPAN_T1	0	0	0	0	0	0	-0.71	-0.74	1	1	0	600	600	0
1/12/2024 18:40	47401 PENS_T1	0	0	0	0	0	0	0.8	0.77	0	0	0	0	0	0
1/12/2024 18:40	51604 DUKE_T2	0	0	0	0	0	0	-1.61	-1.63	1	1	0	900	900	0
1/12/2024 18:41	66505 SMAN_T2	0	0	0	0	0	0	-0.3	-0.54	1	1	0	900	900	0
1/12/2024 18:41	62604 ENGL_T1	1	0	-1	0.1	0	-0.1	-0.52	-0.52	1	1	0	600	600	0
1/12/2024 18:41	59202 THOM_T1	0	1	1	0	0.1	0.1	0	0	0	0	0	0	0	0
1/12/2024 18:41	61306 EARL_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1/12/2024 18:41	47401 PENS_T1	0	0	0	0	0	0	0.8	0.77	0	0	0	0	0	0
1/12/2024 18:41	56802 BENV_T2	0	2	2	0	0.15	0.15	-1.32	-1.31	0	0	0	0	0	0
1/12/2024 18:41	52502 PROG_T2	0	0	0	0	0	0	-0.53	0.39	1	0	-1	900	0	-900
1/12/2024 18:42	53901 HAU_T2	156	127	-29	0.92	0.58	-0.34	-1.43	-1.44	0	0	0	0	0	0
1/12/2024 18:42	52403 GRPA_T2	2	3	1	0.5	0	-0.5	0	0	0	0	0	0	0	0
1/12/2024 18:42	64902 MILL_T2	0	0	0	0	0	0	-0.39	-0.36	0	0	0	0	0	0
1/12/2024 18:42	63303 GREE_T1	0	1	1	0	0	0	0	0	0	0	0	0	0	0
1/12/2024 18:42	52004 LING_T2	1	1	0	0.9	0.4	-0.5	0.26	0.26	0	0	0	0	0	0
1/12/2024 18:42	66503 SMAN_T2	59	154	95	0.12	0.17	0.05	0	0	0	0	0	0	0	0
1/12/2024 18:42	57403 SPAN_T1	0	0	0	0	0	0	0.12	0.13	0	0	0	0	0	0
1/12/2024 18:42	64702 LITI_T2	0	0	0	0	0	0	-0.83	-0.84	0	0	0	0	0	0
1/12/2024 18:42	47401 PENS_T1	0	0	0	0	0	0	0.8	0.77	0	0	0	0	0	0
1/12/2024 18:42	40101 HUNT_T2	113	113	0	0.54	0.51	-0.03	-0.38	-0.35	0	0	0	0	0	0
1/12/2024 18:43	64702 LITI_T2	0	0	0	0	0	0	-0.83	-0.84	0	0	0	0	0	0
1/12/2024 18:43	55002 NEWP_T1	3	4	1	0.3	0.53	0.23	-0.2	-0.21	0	0	0	0	0	0
1/12/2024 18:43	62604 ENGL_T1	1	0	-1	0.1	0	-0.1	-0.52	-0.52	1	1	0	600	600	0
1/12/2024 18:43	27101 GFLD_T2	0	2	2	0	0	0	0.34	0.32	0	0	0	0	0	0
1/12/2024 18:43	56802 BENV_T2	0	2	2	0	0.15	0.15	-1.32	-1.31	0	0	0	0	0	0
1/12/2024 18:43	67503 WEWI_T2	0	0	0	0	0	0	-0.29	-0.3	0	0	0	0	0	0
1/12/2024 18:44	44301 BEAV_T2	1	1	0	0.1	0.2	0.1	0	0	0	0	0	0	0	0
1/12/2024 18:44	54505 ENOL_T2	1	1	0	0.3	0.5	0.2	0	0	0	0	0	0	0	0
1/12/2024 18:44	65003 NEFF_T2	36	65	29	0.12	0.17	0.05	0	0	0	0	0	0	0	0
1/12/2024 18:44	64702 LITI_T2	0	0	0	0	0	0	-0.83	-0.84	0	0	0	0	0	0
1/12/2024 18:44	61303 EARL_T1	0	0	0	0	0	0	0.2	0.19	0	0	0	0	0	0
1/12/2024 18:44	66505 SMAN_T2	0	0	0	0	0	0	-0.3	-0.54	1	1	0	900	900	0
1/12/2024 18:44	64204 KINZ_T1	1	1	0	1.2	1	-0.2	0	0	0	0	0	0	0	0
1/12/2024 18:44	65901 SAKR_T2	1	1	0	9	9.5	0.5	-1.32	-1.37	1	1	0	900	900	0
1/12/2024 18:44	67502 WEWI_T2	0	0	0	0	0	0	-0.29	-0.3	0	0	0	0	0	0
1/12/2024 18:44	56802 BENV_T2	0	2	2	0	0.15	0.15	-1.32	-1.31	0	0	0	0	0	0
1/12/2024 18:45	67503 WEWI_T2	0	0	0	0	0	0	-0.19	-0.1	0	0	0	0	0	0
1/12/2024 18:45	52403 GRPA_T2	0	6	6	0	0	0	0	0	0	0	0	0	0	0
1/12/2024 18:45	47403 PENS_T1	0	1	1	0	0.1	0.1	0	0	0	0	0	0	0	0
1/12/2024 18:45	50502 MECH_T1	1	1	0	1	1.2	0.2	0	0	0	0	0	0	0	0
1/12/2024 18:45	67204 TEHI_T2	0	0	0	0	0	0	-0.17	-0.15	0	0	0	0	0	0
1/12/2024 18:45	64301 LINC_T1	0	0	0	0	0	0	0.28	0.24	0	0	0	0	0	0
1/12/2024 18:46	41801 GOCI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1/12/2024 18:46	42903 MIDD_T2	2	2	0	1	1.5	0.5	0	0	0	0	0	0	0	0
1/12/2024 18:46	59002 MIFF_T1	0	5	5	0	0.3	0.3	0	0	0	0	0	0	0	0
1/12/2024 18:46	52502 PROG_T2	0	0	0	0	0	0	-0.53	0.39	1	0	-1	900	0	-900
1/12/2024 18:46	40101 HUNT_T2	107	89	-18	0.53	0.51	-0.02	-0.38	-0.35	0	0	0	0	0	0
1/12/2024 18:46	64101 REFR_T1	0	0	0	0	0	0	-0.03	0.01	0	0	0	0	0	0
1/12/2024 18:46	67002 STHI_T2	0	0	0	0	0	0	0.58	0.6	0	0	0	0	0	0
1/12/2024 18:46	67502 WEWI_T2	0	0	0	0	0	0	-0.29	-0.3	0	0	0	0	0	0
1/12/2024 18:46	40603 PIGR_T1	0	0	0	0	0	0	0.37	0.37	0	0	0	0	0	0
1/12/2024 18:46	40502 CRES_T2	7	11	4	0.11	0.15	0.04	-3.19	-3.15	0	0	0	0	0	0
1/12/2024 18:46	61303 EARL_T1	0	0	0	0	0	0	0.2	0.19	0	0	0	0	0	0
1/12/2024 18:46	64204 KINZ_T1	1	1	0	1	0.5	-0.5	0	0	0	0	0	0	0	0
1/12/2024 18:46	67605 WARW_T1	0	0	0	0	0	0	-0.9	-0.89	0	0	0	0	0	0
1/12/2024 18:46	55002 NEWP_T1	4	4	0	0.48	0.63	0.15	-0.2	-0.21	0	0	0	0	0	0
1/12/2024 18:47	42701 AUGU_T1	4	3	-1	0.4	0.6	0.2	0	0	1	1	0	600	600	0
1/12/2024 18:47	44802 EDAN_T2	0	0	0	0	0	0	-2.19	-2.19	1	1	0	1200	1200	0
1/12/2024 18:47	58402 MORO_T1	1	1	0	0.4	0	-0.4	0.03	0.03	4	4	0	3000	3000	0
1/12/2024 18:47	67002 STHI_T2	0	0	0	0	0	0	0.58	0.6	0	0	0	0	0	0
1/12/2024 18:47	56802 BENV_T2	2	1	1	0.1	0.2	0.1	-3.96	-3.93	0	0	0	0	0	0
1/12/2024 18:47	57401 SPAN_T1	0	0	0	0	0	0	-0.71	-0.74	1	1	0	600	600	0
1/12/2024 18:47	56801 BENV_T1	6	9	3	0.25	0.22	-0.03	-0.63	-0.6	1	1	0	600	600	0
1/12/2024 18:47	67605 WARW_T1	0	0	0	0	0	0	-0.9	-0.89	0	0	0	0	0	0
1/12/2024 18:47	67502 WEWI_T2	0	0	0	0	0	0	-0.29	-0.3	0	0	0	0	0	0
1/12/2024 18:47	60803 BUCK_T1	0	0	0	0	0	0	-0.48	-0.5	1	1	0	600	600	0
1/12/2024 18:47	56801 BENV_T1	6	9	3	0.25	0.22	-0.03	-0.63	-0.6	1	1	0	600	600	0
1/12/2024 18:48	52402 GRPA_T2	4	4	0	0.63	0.73	0.1	0	0	0	0	0	0	0	0
1/12/2024 18:48	44802 EDAN_T2	0	0	0	0	0	0	-2.19	-2.19	1	1	0	1200	1200	0
1/12/2024 18:48	41802 GOCI_T2	1	6	5	0.1	0.12	0.02	0	0	0	0	0	0	0	0
1/12/2024 18:48	29402 BELT_T1	1	1	0	7	7.2	0.2	0	0	0	0	0	0	0	0
1/12/2024 18:48	53903 HAU_T2	3	2	-1	0.97	1.45	0.48	0	0	0	0	0	0	0	0
1/12/2024 18:48	67502 WEWI_T2	0	0	0	0	0	0	-0.29	-0.3	0	0	0	0	0	0
1/12/2024 18:48	40505 CRES_T1	1	0	-1	0.7	0	-0.7	0.39	0.34	0	0	0	0	0	0
1/12/2024 18:48	54504 ENOL_T2	0	0	0	0	0	0	-0.99	-0.94	1	1	0	600	600	0
1/12/2024 18:48	57401 SPAN_T1	0	0	0	0	0	0	-0.71	-0.74	1	1	0	600	600	0
1/12/2024 18:48	47403 PENS_T1	0	1	1	0	0.1	0.1	0	0	0	0	0	0	0	0
1/12/2024 18:48	20105 AVOC_T1	0	0	0	0	0	0	-1.01	-1	1	1	0	600	600	0
1/12/2024 18:48	67605 WARW_T1	0	0	0	0	0	0	-0.9	-0.89	0	0	0	0	0	0
1/12/2024 18:48	56802 BENV_T2	1	2	1	0.1	0.2	0.1	-2.64	-2.62	0	0	0	0	0	0
1/12/2024 18:48	53601 DALM_T2	0	0	0	0	0	0	-0.76	-0.74	1	1	0	600	600	0
1/12/2024 18:48	42701 AUGU_T1	4	3	-1	0.4	0.6	0.2	0	0	1	1	0	600	600	0
1/12/2024 18:48	56803 BENV_T1	0	0	0	0	0	0	0.11	0.1	0	0	0	0	0	0
1/12/2024 18:48	40502 CRES_T2	7	11	4	0.11	0.15	0.04	-1.6	-1.58	0	0	0	0	0	0
1/12/2024 18:48	60701 BREC_T1	11	1	-10	0.11	0.1	-0.01	-0.49	-0.47	1	1	0	600	600	0
1/12/2024 18:49	46903 MNTG_T2	0	2	2	0	0.1	0.1	-0.39	-0.4	1	1	0	600	600	0
1/12/2024 18:49	51107 CARL_T1	0	0	0	0	0	0	-0.07	-0.08	0	0	0	0	0	0
1/12/2024 18:49	66504 SMAN_T2	0	0	0	0	0	0	-0.47	-0.46	0	0	0	0	0	0
1/12/2024 18:49	60501 NMAN_T2	3	3	0	5.03	4.9	-0.13	0	0	0	0	0	0	0	0
1/12/2024 18:49	44903 SCOT_T1	0	0	0	0	0	0	-0.03	-0.03	0	0	0	0	0	0
1/12/2024 18:49	44801 EDAN_T2	1	1	0	0.4	0	-0.4	0	0	0	0	0	0	0	0
1/12/2024 18:49	56504 ROCK_T2	0	1	1	0	0	0	0	0	0	0	0	0	0	0
1/12/2024 18:49	61306 EARL_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1/12/2024 18:49	45501 DERR_T2	2	2	0	2	0.45	-1.55	0.32	0.21	2	2	0	1800	1800	0
1/12/2024 18:49	46002 BERW_T2	0	0	0	0	0	0	-1.27	-1.28	1	1	0	900	900	0
1/12/2024 18:49	55002 NEWP_T1	4	4	0	0.48	0.63	0.15	-0.2	-0.21	0	0	0	0	0	0
1/12/2024 18:49	67203 TEHI_T1	0	0	0	0	0	0	1.47	1.45	2	2	0	1500	1500	0
1/12/2024 18:49	56802 BENV_T2	1	2	1	0.1	0.2	0.1	-2.64	-2.62	0	0	0	0	0	0
1/12/2024 18:49	42903 MIDD_T2	0	12	12	0	0.11	0.11	0	0	0	0	0	0	0	0
1/12/2024 18:49	65901 SAKR_T2	1	1	0	9	9.6	0.6	-1.32	-1.37	1	1	0	900	900	0
1/12/2024 18:49	67103 SPRI_T1	0	0	0	0	0	0	-0.11	-0.06	0	0	0	0	0	0
1/12/2024 18:49	60701 BREC_T1	11	1	-10	0.11	0.1	-0.01	-0.98	-0.94	2	2	0	1200	1200	0
1/12/2024 18:50	57401 SPAN_T1	0	0	0	0	0	0	-0.71	-0.74	1	1	0	600	600	0
1/12/2024 18:50	61303 EARL_T1	0	0	0	0	0	0	0.2	0.19	0	0	0	0	0	0
1/12/2024 18:50	40504 CRES_T2	2	3	1	0.2	0.5	0.3	0	0	0	0	0	0	0	0
1/12/2024 18:50	29401 BELT_T1	2	8	6	0.15	0.11	-0.04	0	0	1	1	0	900	900	0
1/12/2024 18:50	55002 NEWP_T1	4	4	0	0.48	0.63	0.15	-0.2	-0.21	0	0	0	0	0	0
1/12/2024 18:50	16302 ALPA_T2	0	4	4	0	0	0	0.66	0.66	0	0	0	0	0	0
1/12/2024 18:50	67002 STHI_T2	0	0	0	0	0	0	0.58	0.6	0	0	0	0	0	0
1/12/2024 18:50	40602 PIGR_T1	0	1	1	0	0	0	0.11	0.08	0	0	0	0	0	0
1/12/2024 18:50	40502 CRES_T2	7	11	4	0.11	0.15	0.04	-1.6	-1.58	0	0	0	0	0	0
1/12/2024 18:50	45501 DERR_T2	2	2	0	2	0.45	-1.55	0.32	0.21	2	2	0	1800	1800	0
1/12/2024 18:50	67103 SPRI_T1	0	0	0	0	0	0	-0.11	-0.06	0	0	0	0	0	0
1/12/2024 18:50	63305 GREE_T1	0	0	0	0	0	0	-1.39	-1.31	0	0	0	0	0	0
1/12/2024 18:50	60201 ATGL_T2	0	0	0	0	0	0	0.21	0.12	1	1	0	300	300	0
1/12/2024 18:50	27502 WEIS_T2	0	0	0	0	0	0	-0.42	-0.48	0	0	0	0	0	0
1/12/2024 18:50	20403 ASHF_T2	0	0	0	0	0	0	0.45	0.44	0	0	0	0	0	0
1/12/2024 18:50	47401 PENS_T1	0	0	0	0	0

1/12/2024 18:52	46301 ROHR_T1	0	0	0	0	0	0	0.23	0.27	0	0	0	0	0	0
1/12/2024 18:52	43202 MVIL_T2	0	4	4	0	0.15	0.15	0	0	0	0	0	0	0	0
1/12/2024 18:52	46101 MACI_T2	0	0	0	0	0	0	-0.6	-0.59	1	1	0	1200	1200	0
1/12/2024 18:52	13503 MCMI_T2	0	8	8	0	0.23	0.23	0.23	0.27	0	0	0	0	0	0
1/12/2024 18:52	47901 HRDG_T1	0	0	0	0	0	0	1.87	1.77	0	0	0	0	0	0
1/12/2024 18:52	10705 CATA_T2	0	0	0	0	0	0	-0.8	-0.88	1	1	0	900	900	0
1/12/2024 18:52	40101 HUNT_T2	107	89	-18	0.53	0.51	-0.02	-0.38	-0.35	0	0	0	0	0	0
1/12/2024 18:52	61801 EELI_T2	0	0	0	0	0	0	-1.83	-1.82	2	2	0	1200	1200	0
1/12/2024 18:52	12701 MACU_T1	0	0	0	0	0	0	0.14	0.15	0	0	0	0	0	0
1/12/2024 18:52	57401 SPAN_T1	0	0	0	0	0	0	-0.71	-0.74	1	1	0	600	600	0
1/12/2024 18:52	56501 ROCK_T2	2	2	0	2.7	0.8	-1.9	-1.59	-1.57	0	0	0	0	0	0
1/12/2024 18:53	46903 MNTG_T2	0	2	2	0	0.1	0.1	0	0	0	0	0	0	0	0
1/12/2024 18:53	53903 HAU_T2	3	2	-1	0.97	1.45	0.48	0	0	0	0	0	0	0	0
1/12/2024 18:53	44801 EDAN_T2	1	1	0	0.4	0	-0.4	0	0	0	0	0	0	0	0
1/12/2024 18:53	44903 SCOT_T1	0	0	0	0	0	0	-0.06	-0.06	0	0	0	0	0	0
1/12/2024 18:53	44901 SCOT_T2	0	0	0	0	0	0	-1.29	-1.33	0	0	0	0	0	0
1/12/2024 18:53	67402 WAKE_T2	0	0	0	0	0	0	-0.33	-0.34	1	1	0	600	600	0
1/12/2024 18:53	52101 MEIS_T1	1	1	0	0.1	0.9	0.8	0	0	0	0	0	0	0	0
1/12/2024 18:53	43402 BENT_T1	0	0	0	0	0	0	-0.94	-0.93	1	1	0	900	900	0
1/12/2024 18:53	46206 DANV_T2	0	0	0	0	0	0	4.36	4.18	2	2	0	2400	2400	0
1/12/2024 18:53	44601 SALE_T2	0	0	0	0	0	0	-0.16	-0.15	0	0	0	0	0	0
1/12/2024 18:53	45501 DERR_T2	2	2	0	2	0.45	-1.55	0.21	0.22	2	2	0	1800	1800	0
1/12/2024 18:53	57303 MOAL_T2	1	1	0	7.9	7.7	-0.2	0	0	0	0	0	0	0	0
1/12/2024 18:53	62604 ENGL_T1	0	0	0	0	0	0	-0.52	-0.52	1	1	0	600	600	0
1/12/2024 18:53	60701 BREC_T1	11	1	-10	0.11	0.01	-0.01	-0.49	-0.47	1	1	0	600	600	0
1/12/2024 18:53	67001 STHI_T2	1	1	0	0.7	0.7	0	0	0	0	0	0	0	0	0
1/12/2024 18:53	57403 SPAN_T1	0	0	0	0	0	0	0.12	0.13	0	0	0	0	0	0
1/12/2024 18:53	46203 DANV_T2	0	0	0	0	0	0	0.18	0.14	0	0	0	0	0	0
1/12/2024 18:53	13302 ORVI_T2	0	0	0	0	0	0	1.1	1.02	0	0	0	0	0	0
1/12/2024 18:53	12701 MACU_T1	0	0	0	0	0	0	0.14	0.15	0	0	0	0	0	0
1/12/2024 18:53	60604 NCOL_T2	0	0	0	0	0	0	0.35	0.28	0	0	0	0	0	0
1/12/2024 18:53	16302 ALPA_T2	0	4	4	0	0	0	1.31	1.33	0	0	0	0	0	0
1/12/2024 18:54	53903 HAU_T2	3	2	-1	0.97	1.45	0.48	-0.07	-0.11	0	0	0	0	0	0
1/12/2024 18:54	53903 HAU_T2	3	2	-1	0.97	1.45	0.48	-0.07	-0.11	0	0	0	0	0	0
1/12/2024 18:54	64101 REFR_T1	0	0	0	0	0	0	0.01	-0.06	0	0	0	0	0	0
1/12/2024 18:54	52404 GRPA_T2	9	0	-9	0.59	0	-0.59	0	0	0	0	0	0	0	0
1/12/2024 18:54	41801 GOCI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1/12/2024 18:54	52101 MEIS_T1	1	1	0	0.1	0.9	0.8	0	0	0	0	0	0	0	0
1/12/2024 18:54	16302 ALPA_T2	0	4	4	0	0	0	0.66	0.62	0	0	0	0	0	0
1/12/2024 18:54	13503 MCMI_T2	0	8	8	0	0.23	0.23	0.27	0.28	0	0	0	0	0	0
1/12/2024 18:54	47403 PENS_T1	0	1	1	0	0.1	0.1	0	0	0	0	0	0	0	0
1/12/2024 18:54	46004 BERW_T2	0	0	0	0	0	0	-0.77	-0.75	0	0	0	0	0	0
1/12/2024 18:54	27502 WEIS_T2	0	0	0	0	0	0	-0.48	-0.46	0	0	0	0	0	0
1/12/2024 18:54	29401 BELT_T1	2	8	6	0.15	0.11	-0.04	0	0	0	0	0	0	0	0
1/12/2024 18:54	44903 SCOT_T1	0	0	0	0	0	0	-0.03	-0.03	0	0	0	0	0	0
1/12/2024 18:54	56801 BENV_T1	6	9	3	0.25	0.22	-0.03	-0.6	-0.65	1	1	0	600	600	0
1/12/2024 18:54	67502 WEWI_T2	0	0	0	0	0	0	-0.3	-0.38	0	0	0	0	0	0
1/12/2024 18:54	47901 HRDG_T1	0	0	0	0	0	0	1.77	1.59	0	0	0	0	0	0
1/12/2024 18:54	46203 DANV_T2	0	0	0	0	0	0	0.09	0.07	0	0	0	0	0	0
1/12/2024 18:54	43202 MVIL_T2	0	4	4	0	0.15	0.15	0	0	0	0	0	0	0	0
1/12/2024 18:54	41902 REED_T1	3	13	10	0.23	0.65	0.42	1.17	1.15	0	0	0	0	0	0
1/12/2024 18:54	40502 CRES_T2	7	11	4	0.11	0.15	0.04	-2.37	-2.22	0	0	0	0	0	0
1/12/2024 18:54	16402 MOPO_T1	3	2	-1	0.5	0	-0.5	0.09	0.16	0	0	0	0	0	0
1/12/2024 18:54	42201 SHEN_T2	0	0	0	0	0	0	0	0	1	1	0	600	600	0
1/12/2024 18:54	67103 SPRI_T1	0	0	0	0	0	0	-0.06	-0.11	0	0	0	0	0	0
1/12/2024 18:55	56504 ROCK_T2	0	1	1	0	0	0	-0.26	-0.2	0	0	0	0	0	0
1/12/2024 18:55	54501 ENOL_T2	0	0	0	0	0	0	0.15	0.18	0	0	0	0	0	0
1/12/2024 18:55	46001 BERW_T1	0	0	0	0	0	0	0.94	0.95	0	0	0	0	0	0
1/12/2024 18:55	13503 MCMI_T2	0	8	8	0	0.23	0.23	0.27	0.28	0	0	0	0	0	0
1/12/2024 18:55	44801 EDAN_T2	1	1	0	0.4	0	-0.4	0	0	0	0	0	0	0	0
1/12/2024 18:55	64101 REFR_T1	0	0	0	0	0	0	0.01	-0.06	0	0	0	0	0	0
1/12/2024 18:55	67002 STHI_T2	0	0	0	0	0	0	0.6	0.59	0	0	0	0	0	0
1/12/2024 18:55	46301 ROHR_T1	0	0	0	0	0	0	0.27	0.26	0	0	0	0	0	0
1/12/2024 18:55	46206 DANV_T2	0	0	0	0	0	0	2.18	2.09	1	1	0	1200	1200	0
1/12/2024 18:55	46004 BERW_T2	0	0	0	0	0	0	-0.77	-0.75	0	0	0	0	0	0
1/12/2024 18:55	55105 WERT_T1	0	0	0	0	0	0	-0.48	-0.5	1	1	0	900	900	0
1/12/2024 18:55	45501 DERR_T2	2	2	0	2	0.45	-1.55	0.21	0.22	2	2	0	1800	1800	0
1/12/2024 18:55	67502 WEWI_T2	0	0	0	0	0	0	-0.3	-0.38	0	0	0	0	0	0
1/12/2024 18:56	66901 SHIL_T2	0	0	0	0	0	0	-1.68	-1.67	1	1	0	1200	1200	0
1/12/2024 18:56	40502 CRES_T2	7	11	4	0.11	0.15	0.04	-0.79	-0.74	0	0	0	0	0	0
1/12/2024 18:56	57304 MOAL_T2	0	0	0	0	0	0	-0.12	-0.26	0	0	0	0	0	0
1/12/2024 18:56	41901 REED_T1	10	10	0	0.35	0.45	0.1	0	0	0	0	0	0	0	0
1/12/2024 18:56	40101 HUNT_T2	107	89	-18	0.53	0.51	-0.02	-0.7	-0.81	0	0	0	0	0	0
1/12/2024 18:56	24902 WHHA_T1	0	0	0	0	0	0	0.49	0.5	0	0	0	0	0	0
1/12/2024 18:56	52004 LING_T2	1	1	0	0.6	0.3	-0.3	0.26	0.27	0	0	0	0	0	0
1/12/2024 18:56	45402 WBLO_T2	0	0	0	0	0	0	-0.67	-0.72	0	0	0	0	0	0
1/12/2024 18:56	46903 MNTG_T2	0	2	2	0	0.1	0.1	-0.8	-0.78	2	2	0	1200	1200	0
1/12/2024 18:56	20403 ASHF_T2	0	0	0	0	0	0	0.44	0.42	0	0	0	0	0	0
1/12/2024 18:56	65901 SAKR_T2	1	1	0	9	9.6	0.6	0	0	0	0	0	0	0	0
1/12/2024 18:56	29401 BELT_T1	2	8	6	0.15	0.11	-0.04	0	0	1	1	0	900	900	0
1/12/2024 18:56	13302 ORVI_T2	0	0	0	0	0	0	1.02	1.08	0	0	0	0	0	0
1/12/2024 18:56	67503 WEWI_T2	0	0	0	0	0	0	-0.1	-0.06	0	0	0	0	0	0
1/12/2024 18:56	40505 CRES_T1	1	0	-1	0.7	0	-0.7	0.34	0.37	0	0	0	0	0	0
1/12/2024 18:57	13302 ORVI_T2	0	0	0	0	0	0	1.02	1.08	0	0	0	0	0	0
1/12/2024 18:57	43201 MVIL_T2	0	1	1	0	0	0	0	0	0	0	0	0	0	0
1/12/2024 18:57	60201 ATGL_T2	0	0	0	0	0	0	0.12	0.17	1	1	0	300	300	0
1/12/2024 18:57	67503 WEWI_T2	0	0	0	0	0	0	-0.1	-0.06	0	0	0	0	0	0
1/12/2024 18:57	47001 HUGH_T2	0	0	0	0	0	0	-0.56	-0.66	0	0	0	0	0	0
1/12/2024 18:57	58402 MORO_T1	1	1	0	0.4	0	-0.4	0.02	0	2	2	0	1500	1500	0
1/12/2024 18:57	56802 BENV_T2	1	2	1	0.1	0.2	0.1	-1.31	-1.3	0	0	0	0	0	0
1/12/2024 18:57	10705 CATA_T2	0	0	0	0	0	0	-0.88	-0.87	1	1	0	900	900	0
1/12/2024 18:57	49804 UNIV_T1	1	1	0	1.1	0.1	-1	0	0	0	0	0	0	0	0
1/12/2024 18:57	54505 ENOL_T2	1	1	0	0.4	0.7	0.3	0	0	0	0	0	0	0	0
1/12/2024 18:57	46801 HEPB_T2	2	2	0	0.1	0.2	0.1	0.64	0.63	0	0	0	0	0	0
1/12/2024 18:57	57403 SPAN_T1	0	0	0	0	0	0	0.13	0.13	0	0	0	0	0	0
1/12/2024 18:57	64101 REFR_T1	0	0	0	0	0	0	0.01	-0.06	0	0	0	0	0	0
1/12/2024 18:57	53903 HAU_T2	3	2	-1	0.97	1.45	0.48	-0.07	-0.11	0	0	0	0	0	0
1/12/2024 18:57	16302 ALPA_T2	0	4	4	0	0	0	0.66	0.62	0	0	0	0	0	0
1/12/2024 18:57	61303 EARL_T1	0	0	0	0	0	0	0.19	0.09	0	0	0	0	0	0
1/12/2024 18:57	14403 SSLA_T1	0	0	0	0	0	0	0.81	0.72	0	0	0	0	0	0
1/12/2024 18:58	52404 GRPA_T2	9	0	-9	0.59	0	-0.59	0	0	0	0	0	0	0	0
1/12/2024 18:58	57401 SPAN_T1	0	0	0	0	0	0	-0.74	-0.72	1	1	0	600	600	0
1/12/2024 18:58	64201 KINZ_T1	340	338	-2	1.05	0.88	-0.17	0	0	0	0	0	0	0	0
1/12/2024 18:58	14403 SSLA_T1	0	0	0	0	0	0	0.81	0.72	0	0	0	0	0	0
1/12/2024 18:58	41401 BENT_T1	1	0	-1	0.2	0	-0.2	0	0	0	0	0	0	0	0
1/12/2024 18:58	66703 STRA_T1	1	1	0	0.5	0.5	0	-0.21	-0.21	0	0	0	0	0	0
1/12/2024 18:58	52102 MEIS_T1	0	0	0	0	0	0	0	0	1	1	0	450	450	0
1/12/2024 18:58	51604 DUKE_T2	0	0	0	0	0	0	-1.63	-1.63	1	1	0	900	900	0
1/12/2024 18:58	44802 EDAN_T2	0	0	0	0	0	0	-2.19	-2.2	1	1	0	1200	1200	0
1/12/2024 18:58	12701 MACU_T1	0	0	0	0	0	0	0.15	0.16	0	0	0	0	0	0
1/12/2024 18:58	60604 NCOL_T2	0	0	0	0	0	0	0.28	0.36	0	0	0	0	0	0
1/12/2024 18:59	41401 BENT_T1	1	0	-1	0.2	0	-0.2	0	0	0	0	0	0	0	0
1/12/2024 18:59	43201 MVIL_T2	0	1	1	0	0	0	0	0	0	0	0	0	0	0
1/12/2024 18:59	64101 REFR_T1	0	0	0	0	0	0	0.01	-0.11	0	0	0	0	0	0
1/12/2024 18:59	12701 MACU_T1	0	0	0	0	0	0	0.15	0.16	0	0	0	0	0	0
1/12/2024 18:59	54505 ENOL_T2	1	1	0	0.4	0.7	0.3	-1.18	-1.21	1	1	0	600	600	0
1/12/2024 18:59	62604 ENGL_T1	0	0	0	0	0	0	-1.04	-1.08	2	2	0	1200	1200	0
1/12/2024 18:59	44901 SCOT_T2	0	0	0	0	0	0	-1.29	-1.33	0	0	0	0	0	0
1/12/2024 18:59	67901 WNHA_T2	48	98	50	0.2	0.26	0.06	-0.38	-0.37	0	0	0	0	0	0
1/12/2024 19:00	64101 REFR_T1	0	0	0	0	0	0	0.01	-0.06	0	0	0	0	0	0
1/12/2024 19:00	53901 HAU_T2	98	118	20	0.36	0.52	0.16	0	0	0	0	0	0	0	0
1/12/2024 19:00	61802 EELI_T2	0	1	1	0	9.6	9.6	0	0	0	0	0	0	0	0
1/12/2024 19:00	52101 MEIS_T1	1	1	0	0.9	0.9	0	0	0	0	0	0	0	0	0
1/12/2024 19:00	67605 WARW_T1	0	2	2	0	0.15	0.15	-0.89	-0.91	0	0	0	0	0	0
1/12/2024 19:00	64802 MONE_T2	0	0	0	0	0	0	-0.03	-0.03	0	0	0	0	0	0
1/12/2024 19:00	57401 SPAN_T1	0	0	0	0	0	0	-0.74	-0.72	1	1	0	600	600	0
1/12/2024 19:01	57403 SPAN_T1	0	0	0	0	0	0	0.13	0.13	0	0	0	0	0	0
1/12/2024 19:01	46302 ROHR_T1	4	4	0	0.73	1.25	0.52	0.24	0.21	0	0	0	0	0	0
1/12/2024 19:02	54206 PENN_T2	0	5	5	0	0.18	0.18	0	0	0	0	0	0	0	0
1/12/2024 19:02	67503 WEWI_T2	0	0	0	0	0	0	-0.1	-0.06	0	0	0	0	0	0
1/12/2024 19:02	46302 ROHR_T1	4	4	0	0.73	1.25	0.52	0.24	0.21	0	0	0	0	0	0
1/12/2024 19:03	13105 NHAM_T2	7	17	10	0.13	0	-0.13	-0.19	-0.15	1	1	0	1200	1200	0
1/12/2024 19:14	13302 ORVI_T2	0	0	0	0	0	0	1.08	1.17	0	0	0	0	0	0
1/12/2024 19:27	46903 MNTG_T2	2	9	7	0.1	0.1	0	-0.42	-0.39	1	1	0	600	600	0
1/12/2024 19:28	56501 ROCK_T2	1	1	0	0.8	0.6	-0.2	-0.74	-0.74	0	0	0	0	0	0
1/12/2024 19:53	63305 GREE_T1	0	4	4	0	0.23	0.23	-1.38	-1.36	0	0	0	0	0	0
1/12/2024 20:14	65001 NEFF_T2	136	226	90	0.16	0.23	0.07	-1.29	-1.26	1	1	0	1200	1200	0
1/12/2024 20:46	64101 REFR_T1	0	0	0	0	0	0	-0.05	-0.06	0	0	0	0	0	0
1/12/2024 20:55	63305 GREE_T1	3	10	7	0.17	0.24	0.07	-1.38	-1.39	0	0	0	0	0	0
1/12/2024 20:57	65003 NEFF_T2	0	1	1	0	0.1	0.1	0	0	0	0	0	0	0	0
1/12/2024 21:00	52101 MEIS_T1	1	1	0	1.4	0.9	-0.5	0	0	0	0	0	0	0	0
1/12/2024 21:12	65001 NEFF_T2	233	17	-216	0.28	0.11	-0.17	-0.94	0.03	1	0	-1	1200	0	-1200
1/12/2024 21:17	63305 GREE_T1	10	12	2	0.24	0.37	0.13	-1.39	-1.42	0	0	0	0	0	0
1/12/2024 21:38	40101 HUNT_T2	3	0	-3	0.27	0	-0.27	-0.51	-0.53	0	0	0	0	0	0
1/12/2024 21:44	65001 NEFF_T2	0	0	0	0	0	0	-0.01	-0.01	0	0	0	0	0	0
1/12/2024 21:48	63305 GREE_T1	12	11	-1	0.36	0.37	0.01	-1.42	-1.38	0	0	0	0	0	0
1/12/2024 22:21	65001 NEFF_T2	0	1	1	0	0.1	0.1	-1.35	-1.38	1	1	0	1200	1200	0
1/12/2024 22:30	63305 GREE_T1	14	0	-14	0.17	0	-0.17	-1.44	-1.45	0	0	0	0	0	0
1/12/2024 23:02	63305 GREE_T1	0	0	0	0	0	0	-1.43	-1.41	0	0	0	0	0	0
1/12/2024 23:03	65001 NEFF_T2	0	3	3	0	0.1	0.1	-1.35	-1.44	1	1	0	1200	1200	0
1/12/2024 23:29	65001 NEFF_T2	0	9	9	0	0.14	0.14	-1.43	-1.39	1	1	0	1200	1200	0
1/13/2024 0:00	29401 BELT_T1	0	1	1	0	0	0	0	0	1	1	0	900	900	0
1/13/2024 0:21	65001 NEFF_T2	3	9	6	0.1	0.12	0.02	-1.41	-1.44	1	1	0	1200	1200	0
1/13/2024 0:37	65001 NEFF_T2	0	23	23	0	0.13	0.13	-1.44	-1.4	1	1	0	1200	1200	0
1/13/2024 1:05	53901 HAU_T2	149	164	15	0.59	0.77	0.18	-1.56	-1.56	0	0	0	0	0	0
1/13/2024 1:08	65001 NEFF_T2	22	6	-16	0.14	0.1	-0.04	-1.44	-1.44	1	1	0	1200	1200	0
1/13/2024 1:45	63305 GREE_T1	0	0	0	0	0	0	-1.34	-1.33	0	0	0	0	0	0
1/13/2024 1:56	65001 NEFF_T2	8	7	-1	0.13	0.13	0	-1.47	-1.47	1	1	0	1200	1200	0
1/13/2024 2:27	65001 NEFF_T2	4	9	5	0.15	0.19	0.04	-1.46	-1.48	1	1	0	1200	1200	0
1/13/2024 2:38	65001 NEFF_T2	8	38	30	0.14	0.13	-0.01	-1.46	-1.48	1	1	0	1200	1200	0
1/13/2024 3:28	65001 NEFF_T2	77	227	150	0.13	0.23	0.1	-1.5	-1.52	1	1	0	1200	1200	0
1/13/2024 3:35	63305 GREE_T1	0	0	0	0	0	0	-1.32	-1.29	0	0	0	0	0	0
1/13/2024 3:46	63305 GREE_T1	0	0	0	0	0	0	-1.29	-1.29	0	0	0	0	0	0
1/13/2024 4:34	65001 NEFF_T2	177	66	-111	0.16	0.12	-0.04	-1.42	-1.48	1	1	0	1200	1200	0
1/13/2024 4:42	63305 GREE_T1	0	0	0	0	0	0	-1.38	-1.36	0	0	0	0	0	0
1/13/2024 5:06	65001 NEFF_T2	33	7	-26	0.13	0.13	0	-1.39	-1.44	1	1	0	1200	1200	0
1/13/2024 5:16	65001 NEFF_T2	6	6	0	0.13	0.1	-0.03	-1.44	-1.43	1	1	0	1200	1200	0
1/13/2024 6:11	63305 GREE_T1	0	0	0	0	0	0	-1.34	-1.3	0	0	0	0	0	0
1/13/2024 6:13	65001 NEFF_T2	0	0	0	0	0	0	-1.38	-1.4	1	1	0	1200	1200	0
1/13/2024 6:24	65001 NEFF_T2	0	0	0	0	0	0	-1.4	-1.39	1	1	0	1200	1200	0
1/13/2024 6:53	63305 GREE_T1	0	0	0	0	0	0	-1.34	-1.38	0	0	0	0	0	0
1/13/2024 7:06	65001 NEFF_T2	0	0	0	0	0	0	-1.37	-1.39	1	1	0	1200	1200	0
1/13/2024 7:35	63305 GREE_T1	0	0	0	0	0	0	-1.4	-1.37	0	0	0	0	0	0
1/13/2024 7:52	52102 MEIS_T1	0	1	1	0	0	0	0	0	0	0	0	0	0	0
1/13/2024 7:53	52102 MEIS_T1	0	1	1	0	0	0	0	0	0	0	0	0	0	0
1/13/2024 7:54	52102 MEIS_T1	0	1	1	0	0	0	0	0	0	0	0	0	0	0
1/13/2024 8:04	46801 HEPB_T2	0	0	0	0	0	0	0.58	0.59	0	0	0	0	0	0
1/13/2024 8:04	65001 NEFF_T2	0	0	0	0	0	0	-1.29	-1

1/13/2024 9:14	43402 BENT_T1	0	2	2	0	0	0	-0.91	-0.94	1	1	0	900	900	0
1/13/2024 9:14	67901 WNHO_T2	0	0	0	0	0	0	-0.61	-0.63	0	0	0	0	0	0
1/13/2024 9:14	67103 SPRI_T1	0	0	0	0	0	0	-0.2	-0.21	0	0	0	0	0	0
1/13/2024 9:15	45501 DERR_T2	0	0	0	0	0	0	-0.88	-0.86	2	2	0	1800	1800	0
1/13/2024 9:15	49803 UNIV_T1	0	0	0	0	0	0	-1.03	-1.15	0	0	0	0	0	0
1/13/2024 9:16	45501 DERR_T2	0	0	0	0	0	0	-0.88	-0.86	2	2	0	1800	1800	0
1/13/2024 9:18	40502 CRES_T2	0	0	0	0	0	0	-0.29	-0.31	0	0	0	0	0	0
1/13/2024 9:18	67103 SPRI_T1	0	0	0	0	0	0	-0.2	-0.21	0	0	0	0	0	0
1/13/2024 9:19	46801 HEPB_T2	0	0	0	0	0	0	0.66	0.62	0	0	0	0	0	0
1/13/2024 9:19	43402 BENT_T1	0	2	2	0	0.4	0.4	-0.91	-0.94	1	1	0	900	900	0
1/13/2024 9:20	41801 GOCI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1/13/2024 9:22	41801 GOCI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1/13/2024 9:22	46801 HEPB_T2	0	0	0	0	0	0	0.66	0.62	0	0	0	0	0	0
1/13/2024 9:24	52102 MEIS_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1/13/2024 9:25	52102 MEIS_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1/13/2024 9:28	49803 UNIV_T1	0	0	0	0	0	0	-1.15	-1.1	0	0	0	0	0	0
1/13/2024 9:30	42201 SHEN_T2	0	0	0	0	0	0	-0.01	0	1	1	0	600	600	0
1/13/2024 9:30	29402 BELT_T1	1	1	0	7	7	0	0	0	0	0	0	0	0	0
1/13/2024 9:34	53903 HALI_T2	2	2	0	0.8	0.95	0.15	0	0	0	0	0	0	0	0
1/13/2024 9:34	40502 CRES_T2	0	0	0	0	0	0	-0.93	-0.9	0	0	0	0	0	0
1/13/2024 9:35	13503 MCMI_T2	0	3	3	0	0	0	0.11	0.12	0	0	0	0	0	0
1/13/2024 9:38	53901 HALI_T2	1	1	0	0.1	0.4	0.3	-1.46	-1.45	0	0	0	0	0	0
1/13/2024 9:40	13503 MCMI_T2	0	3	3	0	0	0	0.12	0.13	0	0	0	0	0	0
1/13/2024 9:43	59101 WALK_T2	0	0	0	0	0	0	2.23	2.55	2	2	0	900	900	0
1/13/2024 9:43	13302 ORVI_T2	0	0	0	0	0	0	1.06	1.05	0	0	0	0	0	0
1/13/2024 9:44	59101 WALK_T2	0	0	0	0	0	0	1.11	1.28	1	1	0	450	450	0
1/13/2024 9:53	64201 KINZ_T1	228	227	-1	0.56	0.53	-0.03	-0.96	-0.93	3	3	0	1500	1500	0
1/13/2024 9:54	44905 SCOT_T1	0	5	5	0	0	0	0	0	0	0	0	0	0	0
1/13/2024 9:55	57304 MOAL_T2	0	0	0	0	0	0	-0.3	-0.32	0	0	0	0	0	0
1/13/2024 9:56	57303 MOAL_T2	1	1	0	8.2	8.1	-0.1	0	0	0	0	0	0	0	0
1/13/2024 9:56	44903 SCOT_T1	0	0	0	0	0	0	-0.03	-0.03	0	0	0	0	0	0
1/13/2024 9:57	44903 SCOT_T1	0	0	0	0	0	0	-0.09	-0.09	0	0	0	0	0	0
1/13/2024 9:59	67402 WAKE_T2	0	0	0	0	0	0	-0.46	-0.44	1	1	0	600	600	0
1/13/2024 10:00	29402 BELT_T1	1	1	0	7	6.6	-0.4	0	0	0	0	0	0	0	0
1/13/2024 10:01	67402 WAKE_T2	0	0	0	0	0	0	-0.46	-0.44	1	1	0	600	600	0
1/13/2024 10:01	46206 DANV_T2	0	1	1	0	0	0	1.34	1.29	1	1	0	1200	1200	0
1/13/2024 10:02	40502 CRES_T2	0	9	9	0	0.22	0.22	-2.18	-6.19	0	0	0	0	0	0
1/13/2024 10:03	46204 DANV_T2	0	1	1	0	0	0	0	0	0	0	0	0	0	0
1/13/2024 10:04	40502 CRES_T2	0	9	9	0	0.22	0.22	-1.55	-4.42	0	0	0	0	0	0
1/13/2024 10:04	53903 HALI_T2	1	2	1	0.2	1	0.8	0	0	0	0	0	0	0	0
1/13/2024 10:06	53901 HALI_T2	1	58	57	0.4	0.22	-0.18	-1.43	-1.47	0	0	0	0	0	0
1/13/2024 10:06	67402 WAKE_T2	0	0	0	0	0	0	-0.46	-0.44	1	1	0	600	600	0
1/13/2024 10:06	40502 CRES_T2	0	9	9	0	0.22	0.22	-0.62	-1.77	0	0	0	0	0	0
1/13/2024 10:07	13503 MCMI_T2	3	3	0	0.5	0	-0.5	0.13	0.15	0	0	0	0	0	0
1/13/2024 10:07	53903 HALI_T2	1	2	1	0.2	1	0.8	0	0	0	0	0	0	0	0
1/13/2024 10:07	12701 MACU_T1	0	0	0	0	0	0	0.07	0.11	0	0	0	0	0	0
1/13/2024 10:08	53901 HALI_T2	1	58	57	0.4	0.22	-0.18	-1.43	-1.47	0	0	0	0	0	0
1/13/2024 10:08	40901 JESH_T1	1	1	0	0.8	0.6	-0.2	0	0	0	0	0	0	0	0
1/13/2024 10:08	41902 REED_T1	0	0	0	0	0	0	0.01	0.05	1	1	0	900	900	0
1/13/2024 10:09	13503 MCMI_T2	3	3	0	0.5	0	-0.5	0.15	0.19	0	0	0	0	0	0
1/13/2024 10:09	44901 SCOT_T2	0	0	0	0	0	0	-1.45	-1.43	0	0	0	0	0	0
1/13/2024 10:10	40602 PIGR_T1	0	0	0	0	0	0	-1.88	-1.98	1	1	0	600	600	0
1/13/2024 10:10	46302 ROHR_T1	2	4	2	0.7	0.4	-0.3	0.42	0.38	0	0	0	0	0	0
1/13/2024 10:11	64101 REFR_T1	0	0	0	0	0	0	0.09	0.13	0	0	0	0	0	0
1/13/2024 10:11	57401 SPAN_T1	0	0	0	0	0	0	-1.15	-1.11	1	1	0	600	600	0
1/13/2024 10:11	12701 MACU_T1	0	0	0	0	0	0	0.11	0.08	0	0	0	0	0	0
1/13/2024 10:12	64101 REFR_T1	0	0	0	0	0	0	0.09	0.13	0	0	0	0	0	0
1/13/2024 10:12	41901 REED_T1	2	2	0	0.3	0.15	-0.15	0	0	0	0	0	0	0	0
1/13/2024 10:12	44901 SCOT_T2	0	0	0	0	0	0	-1.45	-1.43	0	0	0	0	0	0
1/13/2024 10:12	65001 NEFF_T2	0	0	0	0	0	0	-1.16	-1.26	1	1	0	1200	1200	0
1/13/2024 10:13	57401 SPAN_T1	0	0	0	0	0	0	-1.15	-1.11	1	1	0	600	600	0
1/13/2024 10:14	43201 MVIL_T2	0	0	0	0	0	0	-0.35	-0.37	0	0	0	0	0	0
1/13/2024 10:14	41902 REED_T1	0	0	0	0	0	0	0.01	0.05	1	1	0	900	900	0
1/13/2024 10:14	40602 PIGR_T1	0	0	0	0	0	0	-1.88	-1.98	1	1	0	600	600	0
1/13/2024 10:14	56801 BENV_T1	0	10	10	0	0.85	0.85	-0.65	-0.64	1	1	0	600	600	0
1/13/2024 10:14	64101 REFR_T1	0	0	0	0	0	0	0.44	0.66	0	0	0	0	0	0
1/13/2024 10:14	57401 SPAN_T1	0	0	0	0	0	0	-1.15	-1.11	1	1	0	600	600	0
1/13/2024 10:15	57401 SPAN_T1	0	0	0	0	0	0	-1.15	-1.11	1	1	0	600	600	0
1/13/2024 10:15	65001 NEFF_T2	0	0	0	0	0	0	-1.16	-1.26	1	1	0	1200	1200	0
1/13/2024 10:15	56803 BENV_T1	1	0	0	0.1	0	-0.1	0	0	0	0	0	0	0	0
1/13/2024 10:15	64101 REFR_T1	0	0	0	0	0	0	0.09	0.13	0	0	0	0	0	0
1/13/2024 10:16	40502 CRES_T2	0	10	10	0	0.28	0.28	-1.77	-1.85	0	0	0	0	0	0
1/13/2024 10:16	56803 BENV_T1	1	1	0	0.1	0	-0.1	0	0	0	0	0	0	0	0
1/13/2024 10:17	56803 BENV_T1	1	1	0	0.1	0	-0.1	0	0	0	0	0	0	0	0
1/13/2024 10:18	40502 CRES_T2	0	10	10	0	0.28	0.28	-0.88	-0.92	0	0	0	0	0	0
1/13/2024 10:19	56803 BENV_T1	1	1	0	0.1	0	-0.1	0	0	0	0	0	0	0	0
1/13/2024 10:23	52503 PROG_T2	0	0	0	0	0	0	-0.65	-0.61	1	1	0	900	900	0
1/13/2024 10:23	64204 KINZ_T1	1	1	0	0.7	0.4	-0.3	0	0	0	0	0	0	0	0
1/13/2024 10:24	16402 MOPO_T1	11	9	-2	1.32	0.83	-0.49	-0.1	-0.11	0	0	0	0	0	0
1/13/2024 10:24	64204 KINZ_T1	1	1	0	0.7	0.4	-0.3	0	0	0	0	0	0	0	0
1/13/2024 10:25	56501 ROCK_T2	2	2	0	2.3	0.75	-1.55	-1.34	-1.45	0	0	0	0	0	0
1/13/2024 10:25	65901 SAKR_T2	1	1	0	7.7	7.9	0.2	-1.28	-1.19	1	1	0	900	900	0
1/13/2024 10:25	46302 ROHR_T1	3	4	1	0.47	0.28	-0.19	0.19	0.22	0	0	0	0	0	0
1/13/2024 10:25	16402 MOPO_T1	11	9	-2	1.32	0.83	-0.49	-0.1	-0.11	0	0	0	0	0	0
1/13/2024 10:27	52503 PROG_T2	0	0	0	0	0	0	-0.61	-0.62	1	1	0	900	900	0
1/13/2024 10:28	46302 ROHR_T1	3	4	1	0.47	0.28	-0.19	0.19	0.22	0	0	0	0	0	0
1/13/2024 10:29	65901 SAKR_T2	1	1	0	7.7	7.9	0.2	-1.28	-1.19	1	1	0	900	900	0
1/13/2024 10:30	46204 DANV_T2	1	4	3	0.2	0	-0.2	0	0	0	0	0	0	0	0
1/13/2024 10:30	66505 SMAN_T2	0	0	0	0	0	0	-0.05	-0.13	2	2	0	1100	1100	0
1/13/2024 10:30	57401 SPAN_T1	0	0	0	0	0	0	-1.11	-1.1	1	1	0	600	600	0
1/13/2024 10:31	46203 DANV_T2	0	0	0	0	0	0	-0.89	-0.85	0	0	0	0	0	0
1/13/2024 10:32	67402 WAKE_T2	0	0	0	0	0	0	-0.44	-0.42	1	1	0	600	600	0
1/13/2024 10:33	60801 BUCK_T1	0	0	0	0	0	0	-0.82	-0.83	1	1	0	600	600	0
1/13/2024 10:33	56803 BENV_T1	0	2	2	0	0.45	0.45	0	0	0	0	0	0	0	0
1/13/2024 10:33	56501 ROCK_T2	2	2	0	1.1	0.65	-0.45	-1.34	-1.45	0	0	0	0	0	0
1/13/2024 10:34	46204 DANV_T2	1	4	3	0.2	0	-0.2	0	0	0	0	0	0	0	0
1/13/2024 10:35	52401 GRPA_T2	0	11	11	0	0	0	0	0	0	0	0	0	0	0
1/13/2024 10:35	52403 GRPA_T2	12	3	-9	0.48	0.13	-0.35	-0.44	-0.45	0	0	0	0	0	0
1/13/2024 10:36	63401 HONY_T1	0	0	0	0	0	0	0.38	0.34	0	0	0	0	0	0
1/13/2024 10:36	52403 GRPA_T2	12	3	-9	0.48	0.13	-0.35	-0.44	-0.45	0	0	0	0	0	0
1/13/2024 10:36	52002 LING_T2	0	0	0	0	0	0	-0.16	-0.18	0	0	0	0	0	0
1/13/2024 10:37	67402 WAKE_T2	0	0	0	0	0	0	-0.44	-0.42	1	1	0	600	600	0
1/13/2024 10:37	52401 GRPA_T2	0	11	11	0	0	0	0	0	0	0	0	0	0	0
1/13/2024 10:38	52002 LING_T2	0	0	0	0	0	0	-0.16	-0.18	0	0	0	0	0	0
1/13/2024 10:38	12701 MACU_T1	0	0	0	0	0	0	0.08	0.11	0	0	0	0	0	0
1/13/2024 10:38	64204 KINZ_T1	1	1	0	0.4	1	0.6	0	0	0	0	0	0	0	0
1/13/2024 10:39	12701 MACU_T1	0	0	0	0	0	0	0.11	0.08	0	0	0	0	0	0
1/13/2024 10:43	59101 WALK_T2	0	4	4	0	0.3	0.3	1.14	1.07	1	1	0	450	450	0
1/13/2024 10:44	61306 EARL_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1/13/2024 10:44	29402 BELT_T1	1	2	1	5.7	3.25	-2.45	0	0	0	0	0	0	0	0
1/13/2024 10:45	57401 SPAN_T1	0	0	0	0	0	0	-1.1	-1	1	1	0	600	600	0
1/13/2024 10:45	61306 EARL_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1/13/2024 10:45	67503 WEWI_T2	0	0	0	0	0	0	-0.31	-0.24	0	0	0	0	0	0
1/13/2024 10:45	45402 WBLO_T2	0	1	1	0	0.9	0.9	-1.63	-1.59	1	1	0	900	900	0
1/13/2024 10:48	29402 BELT_T1	2	2	0	3.15	3.25	0.1	0	0	0	0	0	0	0	0
1/13/2024 10:53	42903 MIDD_T2	3	15	12	1.37	0.63	-0.74	0.07	-0.01	0	0	0	0	0	0
1/13/2024 10:53	23401 HONE_T2	1	2	1	0.1	0	-0.1	-0.6	-0.67	0	0	0	0	0	0
1/13/2024 10:53	58402 MORO_T1	0	0	0	0	0	0	-0.41	-0.37	2	2	0	1500	1500	0
1/13/2024 10:54	55002 NEWP_T1	1	1	0	1.1	0.1	-1	-0.34	-0.34	0	0	0	0	0	0
1/13/2024 10:54	23401 HONE_T2	1	2	1	0.1	0	-0.1	-0.6	-0.67	0	0	0	0	0	0
1/13/2024 10:55	42901 MIDD_T2	94	132	38	0.2	0.27	0.07	0	0	0	0	0	0	0	0
1/13/2024 10:55	42901 MIDD_T2	94	132	38	0.2	0.27	0.07	0	0	0	0	0	0	0	0
1/13/2024 10:56	42903 MIDD_T2	3	15	12	1.37	0.63	-0.74	0.07	-0.01	0	0	0	0	0	0
1/13/2024 10:56	48302 ORWI_T2	3	2	-1	0.47	0.8	0.33	-1.1	-1.1	0	0	0	0	0	0
1/13/2024 10:56	55001 NEWP_T1	1	0	-1	0.5	0	-0.5	0	0	0	0	0	0	0	0
1/13/2024 10:57	64802 MONE_T2	0	1	1	0	0.4	0.4	0	0	0	0	0	0	0	0
1/13/2024 10:57	59101 WALK_T2	0	4	4	0	0.3	0.3	1.07	1.21	1	1	0	450	450	0
1/13/2024 10:58	52501 PROG_T1	0	0	0	0	0	0	0.29	0.3	1	1	0	300	300	0
1/13/2024 10:59	59101 WALK_T2	0	4	4	0	0.3	0.3	1.07	1.21	1	1	0	450	450	0
1/13/2024 11:00	60201 ATGL_T2	0	0	0	0	0	0	0.11	0.15	0	0	0	0	0	0
1/13/2024 11:03	56801 BENV_T1	19	11	-8	1.16	1.05	-0.11	-1.42	-1.36	2	2	0	1200	1200	0
1/13/2024 11:04	51107 CARL_T1	0	0	0	0	0	0	-0.52	-0.31	0	0	0	0	0	0
1/13/2024 11:04	56801 BENV_T1	19	11	-8	1.16	1.05	-0.11	-1.42	-1.36	2	2	0	1200	1200	0
1/13/2024 11:04	46801 HEPB_T2	0	0	0	0	0	0	0.64	0.63	0	0	0	0	0	0
1/13/2024 11:05	56801 BENV_T1	19	11	-8	1.16	1.05	-0.11	-2.13	-2.04	3	3	0	1800	1800	0
1/13/2024 11:05	53901 HALI_T2	22	38	16	0.16	0.18	0.02	0	0	0	0	0	0	0	0
1/13/2024 11:05	52004 LING_T2	1	23	22	1.2	0.5	-0.7	-0.07	-0.07	0	0	0	0	0	0
1/13/2024 11:06	53901 HALI_T2	22	38	16	0.16	0.18	0.02	0	0	0	0	0	0	0	0
1/13/2024 11:06	52004 LING_T2	1	23	22	1.2	0.5	-0.7	-0.07	-0.07	0	0	0	0	0	0
1/13/2024 11:06	40101 HUNT_T2	1	6	5	0.4	0.25	-0.15	-0.52	-0.55	0	0	0	0	0	0
1/13/2024 11:07	59003 MIFF_T1	2	3	1	0.45	0.47	0.02	-1.06	-1.14	0	0	0	0	0	0
1/13/2024 11:07	53903 HALI_T2	2	3	1	0.4	0.87	0.47	-0.07	-0.11	0	0	0	0	0	0
1/13/2024 11:08	65001 NEFF_T2	0	0	0	0	0	0	-1.25	-1.05	1	1	0	1200	1200	0
1/13/2024 11:08	51107 CARL_T1	0	0	0	0	0	0	-0.52	-0.31	0	0	0	0	0	0
1/13/2024 11:08	40101 HUNT_T2	1	6	5	0.4	0.25	-0.15	-1.1	-1.12	0	0	0	0	0	0
1/13/2024 11:10	40101 HUNT_T2	1	6	5	0.4	0.25	-0.15	-0.55	-0.56	0	0	0	0	0	0
1/13/2024 11:11	59003 MIFF_T1	2	3	1	0.45	0.47	0.02	-1.14	-0.99	0	0	0	0	0	0
1/13/2024 11:11	57403 SPAN_T1	0	0	0	0	0	0	0.11	0.12	0	0	0	0	0	0
1/13/2024 11:12	55105 WERT_T1	0	0	0	0	0	0	-0.6	-0.62	1	1	0	900	900	0
1/13/2024 11:12	57403 SPAN_T1	0	0	0	0	0	0	0.22	0.24	0	0	0	0	0	0
1/13/2024 11:13	64101 REFR_T1	0	0	0	0	0	0	0.16	0.15	0	0	0	0	0	0
1/13/2024 11:15	56802 BENV_T2	1	1	0	0.9	0.9	0	-1.49	-1.44	0	0	0	0	0	0
1/13/2024 11:17	53903 HALI_T2	2	5	3	1.05	0.78	-0.27	-0.11	-0.07	0	0	0	0	0	0
1/13/2024 11:17	56802 BENV_T2	1	1	0	0.9	0.9	0	-2.97	-2.88	0	0	0	0	0	0
1/13/2024 11:19	56802 BENV_T2	1	1	0	0.9	0.9	0	-1.49	-1.44	0	0	0	0	0	0
1/13/2024 11:20	61801 EELI_T2	0	25	25	0	0	0	-0.92	-0.97	1	1	0	600	600	0
1/13/2024 11:24	13302 ORVI_T2	0	35	35	0	0.16	0.16	2.3	2.31	0	0	0	0	0	0
1/13/2024 11:24	48302 ORWI_T2	2	2	0	0.8	1.1	0.3	-0.55	-0.51	0	0	0	0	0	0
1/13/2024 11:25	55002 NEWP_T1	0	0	0	0	0	0	-0.17	-0.21	0	0	0	0	0	0
1/13/2024 11:25	13302 ORVI_T2	0	35	35	0	0.16	0.16	1.15	1.16	0	0	0	0	0	0
1/13/2024 11:26	13302 ORVI_T2	0	35	35	0	0.16	0.16	1.15	1.16	0	0	0	0	0	0
1/13/2024 11:26	55002 NEWP_T1	0	0	0	0	0	0	-0.17	-0.21	0	0	0	0	0	0
1/13/2024 11:27	53903 HALI_T2	2	5	3	1.05	0.78	-0.27	-0.07	-0.1	0	0	0	0	0	0
1/13/2024 11:27	66504 SMAN_T2	0	0	0	0	0	0	-1.33	-1.57	0	0	0	0	0	0
1/13/2024 11:27	55002 NEWP_T1	0	0	0	0	0	0	-0.17	-0.21	0	0	0	0	0	0
1/13/2024 11:28	55002 NEWP_T1	0	0	0	0	0	0	-0.17	-0.21	0	0	0	0	0	0
1/13/2024 11:30	45402 WBLO_T2	1	0	-1	1.2	0	-1.2	-1.6	-1.64	1	1	0	900	900	0
1/13/2024 11:31	44301 BEAV_T2	4	12	8	0.6	0.4	-0.2	0	0	0	0	0	0	0	0
1/13/2024 11:32	60803 BUCK_T1	0	0	0	0	0	0	-0.96	-1.06	2	2	0	1200	1200	0
1/13/2024 11:34	52002 LING_T2	0	0	0	0	0	0	-0.16	-0.13	0	0	0	0	0	0
1/13/2024 11:34	60803 BUCK_T1	0	0	0	0	0	0	-0.48	-0.53	1	1	0	600	600	0
1/13/2024 11:35	52004 LING_T2	2	2	0	0.3	0.7	0.4	-0.08	-0.08	0	0	0	0	0	0
1/13/2024 11:36	41801 GOCI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1/13/2024 11:36	52004 LING_T2	2	2	0	0.3	0.7	0.4	0	0	0	0	0	0	0	0
1/13/2024 11:36	64204 KINZ_T1	1	1	0	1.2	0.7	-0.5	0	0	0	0	0	0	0	0
1/13/2024 11:36	64201 KINZ_T1	1	2	1	0.3	0.8	0.5	-0.79	-0.93	3	2	-1	1500	1200	-300
1/13/2024 11:37	46903 MNTG_T2	3	0	-3	0.37	0	-0.37	-0.34	-0.26	1	1	0	600	600	0
1/13/2024 11:37	64202 KINZ_T1	0	2	2	0	0.25	0.25	0	0	0	0	0	0	0	0
1/13/2024 11:38

1/13/2024 12:01	67702 WERN_T2	0	0	0	0	0	0	-0.06	-0.06	0	0	0	0	0	0
1/13/2024 12:02	67702 WERN_T2	0	0	0	0	0	0	-0.06	-0.06	0	0	0	0	0	0
1/13/2024 12:03	61102 BERK_T5	0	0	0	0	0	0	0.64	0.62	1	1	0	300	300	0
1/13/2024 12:04	57403 SPAN_T1	0	0	0	0	0	0	0.11	0.1	0	0	0	0	0	0
1/13/2024 12:07	64202 KINZ_T1	0	0	0	0	0	0	0.65	0.56	0	0	0	0	0	0
1/13/2024 12:08	64203 KINZ_T1	0	1	1	0	0.4	0.4	-0.42	-0.5	1	1	0	600	600	0
1/13/2024 12:08	64201 KINZ_T1	2	4	2	0.7	0.6	-0.1	-0.9	-0.96	4	4	0	2400	2400	0
1/13/2024 12:10	59302 MCAL_T1	0	0	0	0	0	0	-0.39	-0.46	1	1	0	600	600	0
1/13/2024 12:10	64101 REFR_T1	0	0	0	0	0	0	0.17	0.19	0	0	0	0	0	0
1/13/2024 12:11	64101 REFR_T1	0	0	0	0	0	0	0.08	0.1	0	0	0	0	0	0
1/13/2024 12:14	42201 SHEN_T2	0	0	0	0	0	0	-0.22	-0.22	1	1	0	600	600	0
1/13/2024 12:16	52002 LING_T2	0	0	0	0	0	0	-0.15	-0.11	0	0	0	0	0	0
1/13/2024 12:17	64101 REFR_T1	0	0	0	0	0	0	0.08	0.1	0	0	0	0	0	0
1/13/2024 12:18	52004 LING_T2	1	2	1	1.3	1.1	-0.2	0	0	0	0	0	0	0	0
1/13/2024 12:19	52004 LING_T2	1	2	1	1.3	1.1	-0.2	-0.14	-0.08	0	0	0	0	0	0
1/13/2024 12:23	55002 NEWP_T1	2	2	0	0.9	0.55	-0.35	-0.18	-0.22	0	0	0	0	0	0
1/13/2024 12:23	45702 LIND_T2	0	2	2	0	0.1	0.1	-0.44	-0.43	0	0	0	0	0	0
1/13/2024 12:24	55002 NEWP_T1	2	2	0	0.9	0.55	-0.35	-0.22	-0.22	0	0	0	0	0	0
1/13/2024 12:25	55002 NEWP_T1	2	2	0	0.9	0.55	-0.35	-0.22	-0.22	0	0	0	0	0	0
1/13/2024 12:27	55002 NEWP_T1	2	2	0	0.9	0.55	-0.35	-0.22	-0.22	0	0	0	0	0	0
1/13/2024 12:28	66703 STRA_T1	0	1	1	0	0.1	0.1	-0.15	-0.14	0	0	0	0	0	0
1/13/2024 12:29	56803 BENV_T1	1	1	0	2.3	0	-2.3	0	0	0	0	0	0	0	0
1/13/2024 12:30	67204 TEHI_T2	1	1	0	0.3	0.5	0.2	0.14	0.13	0	0	0	0	0	0
1/13/2024 12:31	67204 TEHI_T2	1	1	0	0.3	0.5	0.2	0.14	0.13	0	0	0	0	0	0
1/13/2024 12:31	67702 WERN_T2	0	1	1	0	0.2	0.2	-0.05	-0.05	0	0	0	0	0	0
1/13/2024 12:32	67702 WERN_T2	0	1	1	0	0.2	0.2	-0.1	-0.1	0	0	0	0	0	0
1/13/2024 12:32	56801 BENV_T1	11	19	8	0.8	0.84	0.04	-2.1	-2.13	3	3	0	1800	1800	0
1/13/2024 12:33	56803 BENV_T1	1	0	-1	2.3	0	-2.3	0	0	0	0	0	0	0	0
1/13/2024 12:34	56803 BENV_T1	1	0	-1	2.3	0	-2.3	0	0	0	0	0	0	0	0
1/13/2024 12:34	52004 LING_T2	1	2	1	1.1	0.2	-0.9	-0.08	0.12	0	0	0	0	0	0
1/13/2024 12:34	11101 EGYP_T1	0	0	0	0	0	0	0.54	0.5	0	0	0	0	0	0
1/13/2024 12:35	63602 LETO_T1	0	0	0	0	0	0	-0.51	-0.53	0	0	0	0	0	0
1/13/2024 12:37	63602 LETO_T1	0	0	0	0	0	0	-0.51	-0.53	0	0	0	0	0	0
1/13/2024 12:41	63601 LETO_T1	0	0	0	0	0	0	0.71	0.6	1	1	0	900	900	0
1/13/2024 12:45	14801 TREI_T2	0	1	1	0	0	0	0	0	0	0	0	0	0	0
1/13/2024 12:46	14802 TREI_T2	0	0	0	0	0	0	0.46	0.44	0	0	0	0	0	0
1/13/2024 12:47	67605 WARW_T1	12	4	-8	0.22	0.3	0.08	-1.15	-1.13	0	0	0	0	0	0
1/13/2024 12:48	65001 NEFF_T2	0	0	0	0	0	0	-1.27	-1.13	1	1	0	1200	1200	0
1/13/2024 12:54	52503 PROG_T2	0	0	0	0	0	0	-0.59	-0.63	1	1	0	900	900	0
1/13/2024 12:54	43402 BENT_T1	1	1	0	1.1	0	-1.1	-0.92	-1.09	1	1	0	900	900	0
1/13/2024 12:58	42902 MIDD_T2	46	162	116	0.45	0.65	0.2	-0.79	-0.82	0	0	0	0	0	0
1/13/2024 12:58	11104 EGYP_T1	0	1	1	0	0.6	0.6	0	0	0	0	0	0	0	0
1/13/2024 12:58	43402 BENT_T1	1	1	0	1.1	0	-1.1	-0.92	-1.09	1	1	0	900	900	0
1/13/2024 13:01	27101 GFLD_T2	9	0	-9	0.38	0	-0.38	0.32	0.15	0	0	0	0	0	0
1/13/2024 13:01	46903 MNTG_T2	11	0	-11	0.19	0	-0.19	-0.38	-0.45	2	2	0	1200	1200	0
1/13/2024 13:02	46903 MNTG_T2	11	0	-11	0.19	0	-0.19	-0.19	-0.22	1	1	0	600	600	0
1/13/2024 13:03	65503 MOJO_T2	0	0	0	0	0	0	-0.98	-1.12	0	0	0	0	0	0
1/13/2024 13:03	46903 MNTG_T2	11	0	-11	0.19	0	-0.19	-0.19	-0.22	1	1	0	600	600	0
1/13/2024 13:05	13302 ORVI_T2	17	5	-12	0.22	0.68	0.46	2.1	2.1	0	0	0	0	0	0
1/13/2024 13:06	52402 GRPA_T2	1	1	0	2.9	2.9	0	0	0	0	0	0	0	0	0
1/13/2024 13:06	13302 ORVI_T2	17	5	-12	0.22	0.68	0.46	1.05	1.05	0	0	0	0	0	0
1/13/2024 13:08	43402 BENT_T1	1	0	-1	0.5	0	-0.5	-1.09	-1.55	1	2	1	900	1500	600
1/13/2024 13:09	65001 NEFF_T2	0	0	0	0	0	0	-1.24	-1.26	1	1	0	1200	1200	0
1/13/2024 13:22	45402 WBLO_T2	0	1	1	0	0.2	0.2	-1.62	-1.59	1	1	0	900	900	0
1/13/2024 13:25	45402 WBLO_T2	0	1	1	0	0.2	0.2	-1.59	-1.6	1	1	0	900	900	0
1/13/2024 13:26	60803 BUCK_T1	0	0	0	0	0	0	-0.51	-0.51	1	1	0	600	600	0
1/13/2024 13:27	62105 ELAN_T1	0	0	0	0	0	0	0.46	0.52	0	0	0	0	0	0
1/13/2024 13:28	60803 BUCK_T1	0	0	0	0	0	0	-1.02	-1.02	2	2	0	1200	1200	0
1/13/2024 13:28	62105 ELAN_T1	0	0	0	0	0	0	0.46	0.52	0	0	0	0	0	0
1/13/2024 13:30	39601 LNFD_T1	0	0	0	0	0	0	0	0	1	1	0	900	900	0
1/13/2024 13:37	51002 NHAR_T1	1	1	0	1.5	1.6	0.1	0	0	0	0	0	0	0	0
1/13/2024 13:42	61302 EARL_T1	1	0	-1	0.8	0	-0.8	0	0	0	0	0	0	0	0
1/13/2024 13:45	44302 BEAV_T2	149	135	-14	0.39	0.36	-0.03	0	0	0	0	0	0	0	0
1/13/2024 13:45	61303 EARL_T1	0	0	0	0	0	0	0.36	0.1	0	0	0	0	0	0
1/13/2024 13:52	67201 TEHI_T1	58	70	12	0.27	0.29	0.02	0.02	0.05	0	0	0	0	0	0
1/13/2024 13:52	59101 WALK_T2	0	0	0	0	0	0	0.93	1.03	1	1	0	450	450	0
1/13/2024 13:54	59101 WALK_T2	0	0	0	0	0	0	1.03	1.06	1	1	0	450	450	0
1/13/2024 13:55	59101 WALK_T2	0	0	0	0	0	0	2.06	2.12	2	2	0	900	900	0
1/13/2024 13:56	59101 WALK_T2	0	0	0	0	0	0	1.03	1.06	1	1	0	450	450	0
1/13/2024 13:56	65004 NEFF_T2	1	1	0	0.2	0.5	0.3	0	0	0	0	0	0	0	0
1/13/2024 13:56	60701 BREC_T1	0	15	15	0	0.3	0.3	-1.07	-1.07	2	2	0	1200	1200	0
1/13/2024 13:58	47001 HUGH_T2	0	0	0	0	0	0	-1.61	-1.54	1	1	0	900	900	0
1/13/2024 13:58	60701 BREC_T1	0	15	15	0	0.3	0.3	-0.54	-0.53	1	1	0	600	600	0
1/13/2024 14:02	47001 HUGH_T2	0	0	0	0	0	0	-1.61	-1.54	1	1	0	900	900	0
1/13/2024 14:02	63203 MGTN_T1	0	1	1	0	0.3	0.3	-0.23	-0.22	1	1	0	600	600	0
1/13/2024 14:03	45702 LIND_T2	0	0	0	0	0	0	-0.39	-0.4	0	0	0	0	0	0
1/13/2024 14:04	40601 PIGR_T1	0	150	150	0	0	0	0	0	0	0	0	0	0	0
1/13/2024 14:07	67103 SPRI_T1	0	0	0	0	0	0	-0.18	-0.16	0	0	0	0	0	0
1/13/2024 14:07	67402 WAKE_T2	0	0	0	0	0	0	-0.41	-0.42	1	1	0	600	600	0
1/13/2024 14:08	59101 WALK_T2	0	0	0	0	0	0	1.03	1.06	1	1	0	450	450	0
1/13/2024 14:08	61306 EARL_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1/13/2024 14:08	67901 WNHO_T2	12	17	5	0.32	0.24	-0.08	-0.49	-0.53	0	0	0	0	0	0
1/13/2024 14:08	42701 AUGU_T1	0	0	0	0	0	0	0	0	1	1	0	600	600	0
1/13/2024 14:08	67103 SPRI_T1	0	0	0	0	0	0	-0.18	-0.16	0	0	0	0	0	0
1/13/2024 14:09	46203 DANV_T2	0	4	4	0	0	0	-0.83	-0.82	0	0	0	0	0	0
1/13/2024 14:09	46206 DANV_T2	2	4	2	0.25	0.7	0.45	1.98	1.98	1	1	0	1200	1200	0
1/13/2024 14:09	67402 WAKE_T2	0	0	0	0	0	0	-0.42	-0.42	1	1	0	600	600	0
1/13/2024 14:10	67605 WARW_T1	13	11	-2	0.22	0.2	-0.02	-1.14	-1.19	0	0	0	0	0	0
1/13/2024 14:10	59101 WALK_T2	0	0	0	0	0	0	1.06	0.72	1	1	0	450	450	0
1/13/2024 14:10	61306 EARL_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1/13/2024 14:10	42701 AUGU_T1	0	0	0	0	0	0	0	0	1	1	0	600	600	0
1/13/2024 14:10	42201 SHEN_T2	0	0	0	0	0	0	-0.19	-0.16	1	1	0	600	600	0
1/13/2024 14:11	59101 WALK_T2	0	0	0	0	0	0	2.12	1.44	2	2	0	900	900	0
1/13/2024 14:11	46201 DANV_T2	0	1	1	0	0	0	0	0	0	0	0	0	0	0
1/13/2024 14:11	46203 DANV_T2	0	4	4	0	0	0	-0.83	-0.82	0	0	0	0	0	0
1/13/2024 14:11	42701 AUGU_T1	0	0	0	0	0	0	0	0	1	1	0	600	600	0
1/13/2024 14:12	46203 DANV_T2	0	4	4	0	0	0	-0.83	-0.82	0	0	0	0	0	0
1/13/2024 14:12	67401 WAKE_T2	0	7	7	0	1.03	1.03	0	0	0	0	0	0	0	0
1/13/2024 14:12	62604 ENGL_T1	0	1	1	0	0	0	-3.06	-3.04	4	4	0	2400	2400	0
1/13/2024 14:14	62604 ENGL_T1	0	1	1	0	0	0	-0.76	-0.76	1	1	0	600	600	0
1/13/2024 14:14	46201 DANV_T2	0	1	1	0	0	0	0	0	0	0	0	0	0	0
1/13/2024 14:14	60101 COCA_T1	1	0	-1	0.1	0	-0.1	0.32	0.33	0	0	0	0	0	0
1/13/2024 14:16	44301 BEAV_T2	3	5	2	1.77	0.46	-1.31	-0.83	-0.84	1	1	0	600	600	0
1/13/2024 14:16	60101 COCA_T1	0	0	0	0	0	0	0.32	0.33	0	0	0	0	0	0
1/13/2024 14:16	21301 JEFF_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1/13/2024 14:18	55002 NEWP_T1	1	1	0	0.3	0.2	-0.1	-0.2	-0.21	0	0	0	0	0	0
1/13/2024 14:19	46801 HEPB_T2	0	0	0	0	0	0	0.64	0.65	0	0	0	0	0	0
1/13/2024 14:19	44903 SCOT_T1	0	0	0	0	0	0	-0.09	-0.09	0	0	0	0	0	0
1/13/2024 14:19	44901 SCOT_T2	0	0	0	0	0	0	-1.34	-1.36	0	0	0	0	0	0
1/13/2024 14:19	55002 NEWP_T1	1	1	0	0.3	0.2	-0.1	-0.2	-0.21	0	0	0	0	0	0
1/13/2024 14:20	44903 SCOT_T1	0	0	0	0	0	0	-0.03	-0.03	0	0	0	0	0	0
1/13/2024 14:20	55002 NEWP_T1	1	1	0	0.3	0.2	-0.1	-0.2	-0.21	0	0	0	0	0	0
1/13/2024 14:21	57401 SPAN_T1	0	1	1	0	0.1	0.1	-1.11	-1.02	1	1	0	600	600	0
1/13/2024 14:21	55002 NEWP_T1	1	1	0	0.3	0.2	-0.1	-0.2	-0.21	0	0	0	0	0	0
1/13/2024 14:21	44903 SCOT_T1	0	0	0	0	0	0	-0.03	-0.03	0	0	0	0	0	0
1/13/2024 14:22	44901 SCOT_T2	0	0	0	0	0	0	-1.34	-1.36	0	0	0	0	0	0
1/13/2024 14:22	59101 WALK_T2	0	0	0	0	0	0	1.06	0.72	1	1	0	450	450	0
1/13/2024 14:22	44903 SCOT_T1	0	0	0	0	0	0	-0.03	-0.03	0	0	0	0	0	0
1/13/2024 14:22	57401 SPAN_T1	0	1	1	0	0.1	0.1	-1.11	-1.02	1	1	0	600	600	0
1/13/2024 14:23	42701 AUGU_T1	0	1	1	0	0	0	0	0	1	1	0	600	600	0
1/13/2024 14:23	56501 ROCK_T2	1	1	0	0.2	0.1	-0.1	-1.43	-1.38	0	0	0	0	0	0
1/13/2024 14:23	59101 WALK_T2	0	0	0	0	0	0	1.06	0.72	1	1	0	450	450	0
1/13/2024 14:23	53903 HALI_T2	2	2	0	1.4	1.35	-0.05	0	0	0	0	0	0	0	0
1/13/2024 14:23	67103 SPRI_T1	0	0	0	0	0	0	-0.32	-0.32	0	0	0	0	0	0
1/13/2024 14:23	57401 SPAN_T1	0	1	1	0	0.1	0.1	-1.11	-1.02	1	1	0	600	600	0
1/13/2024 14:23	67402 WAKE_T2	0	0	0	0	0	0	-0.42	-0.42	1	1	0	600	600	0
1/13/2024 14:23	46801 HEPB_T2	0	0	0	0	0	0	1.3	1.32	0	0	0	0	0	0
1/13/2024 14:24	67901 WNHO_T2	14	11	-3	0.26	0.18	-0.08	-0.52	-0.53	0	0	0	0	0	0
1/13/2024 14:24	53903 HALI_T2	2	2	0	1.4	1.35	-0.05	0	0	0	0	0	0	0	0
1/13/2024 14:24	45501 DERR_T2	1	1	0	0.1	0	-0.1	-0.85	-0.82	2	2	0	1800	1800	0
1/13/2024 14:24	56501 ROCK_T2	1	1	0	0.2	0.1	-0.1	-1.38	-1.42	0	0	0	0	0	0
1/13/2024 14:25	46001 BERW_T1	0	1	1	0	0	0	-0.23	-0.18	0	0	0	0	0	0
1/13/2024 14:25	53903 HALI_T2	2	2	0	1.4	1.35	-0.05	0	0	0	0	0	0	0	0
1/13/2024 14:25	46206 DANV_T2	3	3	0	0.63	0.4	-0.23	1.98	1.92	1	1	0	1200	1200	0
1/13/2024 14:25	56501 ROCK_T2	1	1	0	0.2	0.1	-0.1	-1.38	-1.42	0	0	0	0	0	0
1/13/2024 14:25	60803 BUCK_T1	0	1285	1285	0	0	0	-0.51	-0.5	1	1	0	600	600	0
1/13/2024 14:25	45501 DERR_T2	1	1	0	0.1	0	-0.1	-1.71	-1.65	4	4	0	3600	3600	0
1/13/2024 14:25	57401 SPAN_T1	0	1	1	0	0.1	0.1	-2.04	-2.16	2	2	0	1200	1200	0
1/13/2024 14:25	67402 WAKE_T2	0	0	0	0	0	0	-0.42	-0.43	1	1	0	600	600	0
1/13/2024 14:25	45402 WBLO_T2	0	0	0	0	0	0	-1.56	-1.56	1	1	0	900	900	0
1/13/2024 14:26	42701 AUGU_T1	0	1	1	0	0	0	0	0	1	1	0	600	600	0
1/13/2024 14:26	45501 DERR_T2	1	1	0	0.1	0	-0.1	-0.85	-0.82	2	2	0	1800	1800	0
1/13/2024 14:26	46001 BERW_T1	0	1	1	0	0	0	-0.23	-0.18	0	0	0	0	0	0
1/13/2024 14:26	67605 WARW_T1	10	11	1	0.2	0.15	-0.05	-1.19	-1.15	0	0	0	0	0	0
1/13/2024 14:26	46204 DANV_T2	10	29	19	0.28	0.33	0.05	0	0	0	0	0	0	0	0
1/13/2024 14:26	60803 BUCK_T1	0	1285	1285	0	0	0	-0.51	-0.5	1	1	0	600	600	0
1/13/2024 14:27	64802 MONE_T2	0	172	172	0	0.1	0.1	0	0	0	0	0	0	0	0
1/13/2024 14:27	46204 DANV_T2	10	29	19	0.28	0.33	0.05	0	0	0	0	0	0	0	0
1/13/2024 14:27	62604 ENGL_T1	0	1	1	0	0	0	-2.28	-2.31	3	3	0	1800	1800	0
1/13/2024 14:27	46001 BERW_T1	0	1	1	0	0	0	-0.46	-0.35	0	0	0	0	0	0
1/13/2024 14:28	62604 ENGL_T1	0	1	1	0	0	0	-1.52	-1.54	2	2	0	1200	1200	0
1/13/2024 14:28	67402 WAKE_T2	0	0	0	0	0	0	-0.42	-0.43	1	1	0	600	600	0
1/13/2024 14:29	60803 BUCK_T1	0	1285	1285	0	0	0	-0.51	-0.5	1	1	0	600	600	0
1/13/2024 14:30	40101 HUNT_T2	38	53	15	0.63	0.43	-0.2	-1.04	-1.02	0	0	0	0	0	0
1/13/2024 14:30	60103 COCA_T2	0	0	0	0	0	0	-1.04	-1.04	1	1	0	900	900	0
1/13/2024 14:30	64203 KINZ_T1	0	0	0	0	0	0	0.12	0.08	0	0	0	0	0	0
1/13/2024 14:31	52403 GRPA_T2	4	2	-2	0.58	0.7	0.12	0.01	-0.01	0	0	0	0	0	0
1/13/2024 14:31	56603 HAMP_T1	0	0	0	0	0	0	-1.1	-1.1	0	0	0	0	0	0
1/13/2024 14:31	52404 GRPA_T2	0	1	1	0	0	0	0	0	0	0	0	0	0	0
1/13/2024 14:32	44301 BEAV_T2	2	7	5	0.75	0.47	-0.28	-0.84	-0.9	1	1	0	600	600	0
1/13/2024 14:32	52404 GRPA_T2	0	1	1	0	0	0	0	0	0	0	0	0	0	0
1/13/2024 14:32	60201 ATGL_T2	0	0	0	0	0	0	0	0.18	0	0	0	0	0	0
1/13/2024 14:32	40101 HUNT_T2	38	53	15	0.63	0.43	-0.2	-1.04	-1.02	0	0	0	0	0	0
1/13/2024 14:34	40101 HUNT_T2	38	53	15	0.63	0.43	-0.2	-0.52	-0.51	0	0	0	0	0	0
1/13/2024 14:34	44901 SCOT_T2	0	0	0	0	0	0	-1.36	-1.29	0	0	0	0	0	0
1/13/2024 14:34	55002 NEWP_T1	1	0	-1	0.2	0	-0.2	-0.21	-0.2	0	0	0	0	0	0
1/13/2024 14:34	46801 HEPB_T2	0	0	0	0	0	0	0.65	0.66	0	0	0	0	0	0
1/13/2024 14:35	13105 NHAM_T2	0	0	0	0	0	0	-1.24	-1.23	1	1	0	1200	1200	0
1/13/2024 14:35	55002 NEWP_T1	1	0	-1	0.2	0	-0.2	-0.21	-0.2	0	0	0	0	0	0
1/13/2024 14:35	53903 HALI_T2	2	2	0	1.15	1.35	0.2	-0.12	-0.11	0	0	0	0	0	0
1/13/2024 14:35	44903 SCOT_T1	0	0	0	0	0	0	-0.09	-0.09	0	0	0	0	0	0
1/13/2024 14:36	57401 SPAN_T1	0	1	1	0	0.1	0.1	-1.02	-1.08	1	1	0	600	600	0
1/13/2024 14:36	53903 HALI_T2	2	2	0	1.15	1.35	0.2	-0.12	-0.11	0	0	0	0	0	0
1/13/2024 14:36	55002 NEWP_T1	1	0	-1	0.2	0	-0.2	-0.21	-0.2	0	0	0	0	0	0
1/13/2024 14:37	44903 SCOT_T1	0	0	0	0	0	0	-0.03	-0.03	0	0	0	0	0	0
1/13/2024 14:37	53903 HALI_T2	2	2	0	1.15	1.35	0.2	-0.12	-0.11	0	0	0	0	0	0
1/13/2024 14:37	55002 NEWP_T1	1	0	-1	0.2	0	-0.2	-0.21	-0.2	0	0	0	0	0	0
1/13/2024 14:37	57401 SPAN_T1	0	1	1	0	0.1

Appendix C - Grid Benefits Achieved in Each Instance of Active Management

1/13/2024 14:46	41801 GOCI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
1/13/2024 14:46	46903 MNTG_T2	0	0	0	0	0	0	-0.17	-0.2	1	1	0	600	600	0
1/13/2024 14:47	23301 JEFF_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1/13/2024 14:48	61303 EARL_T1	0	0	0	0	0	0	-0.03	0.03	0	0	0	0	0	0
1/13/2024 14:49	52102 MEIS_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1/13/2024 14:49	64203 KINZ_T1	0	0	0	0	0	0	0.08	0.13	0	0	0	0	0	0
1/13/2024 14:49	55002 NEWP_T1	0	0	0	0	0	0	-0.2	-0.21	0	0	0	0	0	0
1/13/2024 14:50	42902 MIDD_T2	42	52	10	0.54	0.51	-0.03	0	0	0	0	0	0	0	0
1/13/2024 14:50	53901 HALI_T2	83	90	7	0.3	0.24	-0.06	-2.92	-2.85	0	0	0	0	0	0
1/13/2024 14:50	57404 SPAN_T2	0	0	0	0	0	0	-0.42	-0.37	1	1	0	1200	1200	0
1/13/2024 14:50	62605 ENGL_T1	0	1	1	0	0	0	0	0	0	0	0	0	0	0
1/13/2024 14:50	29401 BELT_T1	0	0	0	0	0	0	0	0	2	2	0	1800	1800	0
1/13/2024 14:51	13105 NHAM_T2	0	0	0	0	0	0	-1.23	-1.21	1	1	0	1200	1200	0
1/13/2024 14:53	59101 WALK_T2	0	0	0	0	0	0	0.82	0.67	1	1	0	450	450	0
1/13/2024 14:53	53903 HALI_T2	2	2	0	1.35	1.3	-0.05	0	0	0	0	0	0	0	0
1/13/2024 14:53	57404 SPAN_T2	0	0	0	0	0	0	-0.42	-0.37	1	1	0	1200	1200	0
1/13/2024 14:54	67402 WAKE_T2	0	0	0	0	0	0	-0.81	-0.8	2	2	0	1200	1200	0
1/13/2024 14:55	53901 HALI_T2	83	90	7	0.3	0.24	-0.06	-1.43	-1.45	0	0	0	0	0	0
1/13/2024 14:55	59101 WALK_T2	0	0	0	0	0	0	0.67	0.86	1	1	0	450	450	0
1/13/2024 14:56	53901 HALI_T2	83	90	7	0.3	0.24	-0.06	-1.43	-1.45	0	0	0	0	0	0
1/13/2024 14:56	61306 EARL_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1/13/2024 14:57	57403 SPAN_T1	0	0	0	0	0	0	0.11	0.13	0	0	0	0	0	0
1/13/2024 14:57	52403 GRPA_T2	1	3	2	0.7	0.75	0.05	0.01	0.02	0	0	0	0	0	0
1/13/2024 14:57	67502 WEWI_T2	0	1	1	0	0	0	-4.33	-4.12	3	3	0	2700	2700	0
1/13/2024 14:57	61306 EARL_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1/13/2024 15:00	67402 WAKE_T2	0	0	0	0	0	0	-0.4	-0.4	1	1	0	600	600	0
1/13/2024 15:02	44302 BEAV_T2	161	152	-9	0.38	0.39	0.01	0	0	0	0	0	0	0	0
1/13/2024 15:02	52403 GRPA_T2	2	5	3	0.75	0.97	0.22	0.01	0.02	0	0	0	0	0	0
1/13/2024 15:02	52402 GRPA_T2	1	1	0	2.3	2.1	-0.2	-1.95	-1.9	0	0	0	0	0	0
1/13/2024 15:05	56501 ROCK_T2	1	1	0	2.2	0	-2.2	-1.41	-1.34	0	0	0	0	0	0
1/13/2024 15:06	61303 EARL_T1	0	0	0	0	0	0	0.06	0.05	0	0	0	0	0	0
1/13/2024 15:06	46801 HEPB_T2	0	0	0	0	0	0	0.68	0.62	0	0	0	0	0	0
1/13/2024 15:09	65001 NEFF_T2	0	0	0	0	0	0	-1.19	-1.36	1	1	0	1200	1200	0
1/13/2024 15:11	13503 MCMI_T2	7	21	14	0.34	0.42	0.08	0.24	0.25	0	0	0	0	0	0
1/13/2024 15:12	41901 REED_T1	2	2	0	0.35	0.4	0.05	0	0	0	0	0	0	0	0
1/13/2024 15:13	60101 COCA_T1	0	0	0	0	0	0	0.31	0.33	0	0	0	0	0	0
1/13/2024 15:16	60101 COCA_T1	0	0	0	0	0	0	0.31	0.33	0	0	0	0	0	0
1/13/2024 15:16	46903 MNTG_T2	0	0	0	0	0	0	-0.18	-0.18	1	1	0	600	600	0
1/13/2024 15:21	66703 STRA_T1	0	0	0	0	0	0	-0.19	-0.13	0	0	0	0	0	0
1/13/2024 15:21	56802 BENV_T2	0	0	0	0	0	0	-1.4	-1.43	0	0	0	0	0	0
1/13/2024 15:23	59101 WALK_T2	0	0	0	0	0	0	0.86	0.87	1	1	0	450	450	0
1/13/2024 15:24	41901 REED_T1	2	2	0	0.4	0.15	-0.25	0	0	0	0	0	0	0	0
1/13/2024 15:24	56803 BENV_T1	0	1	1	0	0	0	0	0	0	0	0	0	0	0
1/13/2024 15:25	65001 NEFF_T2	0	0	0	0	0	0	-1.36	-1.26	1	1	0	1200	1200	0
1/13/2024 15:25	56803 BENV_T1	0	1	1	0	0	0	0	0	0	0	0	0	0	0
1/13/2024 15:26	67402 WAKE_T2	0	0	0	0	0	0	-0.41	-0.39	1	1	0	600	600	0
1/13/2024 15:27	56803 BENV_T1	0	1	1	0	0	0	0	0	0	0	0	0	0	0
1/13/2024 15:29	56801 BENV_T1	13	14	1	0.77	0.76	-0.01	-0.62	-0.63	1	1	0	600	600	0
1/13/2024 15:29	40902 JESH_T1	0	1	1	0	0	0	-1.49	-1.5	1	1	0	600	600	0
1/13/2024 15:30	52004 LING_T2	0	0	0	0	0	0	-0.05	0	0	0	0	0	0	0
1/13/2024 15:31	52004 LING_T2	1	1	0	1.1	1.2	0.1	0	0	0	0	0	0	0	0
1/13/2024 15:31	67402 WAKE_T2	0	0	0	0	0	0	-0.41	-0.39	1	1	0	600	600	0
1/13/2024 15:32	52004 LING_T2	1	1	0	1.1	1.2	0.1	0	0	0	0	0	0	0	0
1/13/2024 15:32	58401 MORO_T1	0	0	0	0	0	0	-0.99	-1.04	1	1	0	600	600	0
1/13/2024 15:33	67501 WEWI_T1	12	2	-10	0.18	0.55	0.37	-0.94	-0.82	0	0	0	0	0	0
1/13/2024 15:35	67501 WEWI_T1	12	2	-10	0.18	0.55	0.37	-0.94	-0.82	0	0	0	0	0	0
1/13/2024 15:36	58402 MORO_T1	0	2	2	0	0.2	0.2	0	0	0	0	0	0	0	0
1/13/2024 15:37	67702 WERN_T2	0	0	0	0	0	0	-0.05	-0.05	0	0	0	0	0	0
1/13/2024 15:41	67702 WERN_T2	0	0	0	0	0	0	-0.1	-0.12	0	0	0	0	0	0
1/13/2024 15:42	67702 WERN_T2	0	0	0	0	0	0	-0.05	-0.06	0	0	0	0	0	0
1/13/2024 15:51	65001 NEFF_T2	0	0	0	0	0	0	-1.26	-1.24	1	1	0	1200	1200	0
1/13/2024 15:56	59101 WALK_T2	0	0	0	0	0	0	0.94	1.06	1	1	0	450	450	0
1/13/2024 15:57	56803 BENV_T1	1	1	0	1.2	0	-1.2	0.12	0.13	0	0	0	0	0	0
1/13/2024 15:58	56803 BENV_T1	1	1	0	1.2	0	-1.2	0.12	0.13	0	0	0	0	0	0
1/13/2024 16:01	60801 BUCK_T1	0	0	0	0	0	0	-0.01	-0.09	0	0	0	0	0	0
1/13/2024 16:02	52403 GRPA_T2	0	1	1	0	0	0	0.03	0.06	0	0	0	0	0	0
1/13/2024 16:02	65001 NEFF_T2	0	0	0	0	0	0	-1.24	-1.31	1	1	0	1200	1200	0
1/13/2024 16:03	52401 GRPA_T2	12	5	-7	0.5	0	-0.5	0	0	0	0	0	0	0	0
1/13/2024 16:07	60801 BUCK_T1	0	0	0	0	0	0	-0.01	-0.09	0	0	0	0	0	0
1/13/2024 16:09	45501 DERR_T2	0	1	1	0	0	0	-1.48	-1.42	4	4	0	3600	3600	0
1/13/2024 16:12	20401 ASHF_T2	4	684	680	0.48	0.74	0.26	0	0	0	0	0	0	0	0
1/13/2024 16:12	45501 DERR_T2	0	1	1	0	0	0	-2.22	-2.13	6	6	0	5400	5400	0
1/13/2024 16:16	23401 HONE_T2	283	1	-282	1.63	0	-1.63	0.39	0.32	0	0	0	0	0	0
1/13/2024 16:18	20403 ASHF_T2	1	0	-1	1.6	0	-1.6	0.24	0.38	0	0	0	0	0	0
1/13/2024 16:19	23401 HONE_T2	283	1	-282	1.63	0	-1.63	0.39	0.32	0	0	0	0	0	0
1/13/2024 16:19	67702 WERN_T2	0	0	0	0	0	0	-0.05	-0.05	0	0	0	0	0	0
1/13/2024 16:20	57401 SPAN_T1	0	0	0	0	0	0	-1.06	-0.98	1	1	0	600	600	0
1/13/2024 16:28	65001 NEFF_T2	0	0	0	0	0	0	-1.39	-1.33	1	1	0	1200	1200	0
1/13/2024 16:40	41901 REED_T1	3	11	8	0.3	1.03	0.73	0	0	0	0	0	0	0	0
1/13/2024 16:43	43202 MVIL_T2	0	0	0	0	0	0	-0.62	-0.64	0	0	0	0	0	0
1/13/2024 16:44	43202 MVIL_T2	0	0	0	0	0	0	-0.62	-0.64	0	0	0	0	0	0
1/13/2024 16:48	41902 REED_T1	843	2	-841	6.75	4.55	-2.2	-0.01	-0.01	0	0	0	0	0	0
1/13/2024 16:51	47001 HUGH_T2	0	0	0	0	0	0	-1.51	-1.51	1	1	0	900	900	0
1/13/2024 16:56	67702 WERN_T2	0	0	0	0	0	0	-0.05	-0.05	0	0	0	0	0	0
1/13/2024 17:04	40101 HUNT_T2	83	249	166	0.56	0.52	-0.04	-0.48	-0.44	0	0	0	0	0	0
1/13/2024 17:19	44903 SCOT_T1	2	0	-2	0.1	0	-0.1	-0.01	-0.02	0	0	0	0	0	0
1/13/2024 17:34	46204 DANV_T2	5	4	-1	0.46	0.1	-0.36	0	0	0	0	0	0	0	0
1/13/2024 17:36	65001 NEFF_T2	0	0	0	0	0	0	-1.34	-1.16	1	1	0	1200	1200	0
1/13/2024 17:36	53601 DALM_T2	0	0	0	0	0	0	-0.09	-0.1	0	0	0	0	0	0
1/13/2024 17:48	41902 REED_T1	5	4	-1	0.36	0.6	0.24	0.21	0.93	0	0	0	0	0	0
1/13/2024 17:49	60803 BUCK_T1	405	407	2	2.47	1.7	-0.77	-1.37	-1.47	1	1	0	600	600	0
1/13/2024 17:50	41901 REED_T1	10	3	-7	0.53	0.23	-0.3	0	0	0	0	0	0	0	0
1/13/2024 17:50	60803 BUCK_T1	405	407	2	2.47	1.7	-0.77	-1.37	-1.47	1	1	0	600	600	0
1/13/2024 17:52	60803 BUCK_T1	405	407	2	2.47	1.7	-0.77	-1.37	-1.47	1	1	0	600	600	0
1/13/2024 17:56	57401 SPAN_T1	0	0	0	0	0	0	-0.72	-1.36	1	1	0	600	600	0
1/13/2024 18:18	65001 NEFF_T2	0	0	0	0	0	0	-1.31	-1.34	1	1	0	1200	1200	0
1/13/2024 18:26	40101 HUNT_T2	272	73	-199	0.67	0.49	-0.18	-0.42	-0.43	0	0	0	0	0	0
1/13/2024 18:28	44901 SCOT_T2	0	0	0	0	0	0	-1.42	-1.46	0	0	0	0	0	0
1/13/2024 18:37	43402 BENT_T1	0	0	0	0	0	0	-1.52	-1.53	2	2	0	1500	1500	0
1/13/2024 18:38	16402 MOPO_T1	40	67	27	0.44	0.46	0.02	0.03	0.02	0	0	0	0	0	0
1/13/2024 18:38	40103 HUNT_T2	49	69	20	0.51	0.55	0.04	-0.43	-0.46	0	0	0	0	0	0
1/13/2024 18:38	46204 DANV_T2	14	53	39	0.2	0.22	0.02	0	0	0	0	0	0	0	0
1/13/2024 18:40	42503 ALTA_T2	0	0	0	0	0	0	-0.52	-0.53	0	0	0	0	0	0
1/13/2024 18:40	40103 HUNT_T2	49	69	20	0.51	0.55	0.04	-0.43	-0.46	0	0	0	0	0	0
1/13/2024 18:45	47001 HUGH_T2	0	0	0	0	0	0	-1.5	-1.5	1	1	0	900	900	0
1/13/2024 18:46	42902 MIDD_T2	56	63	7	0.43	0.38	-0.05	0	0	0	0	0	0	0	0
1/13/2024 18:46	40101 HUNT_T2	63	32	-31	0.65	0.16	-0.49	-0.43	-0.46	0	0	0	0	0	0
1/13/2024 18:46	47001 HUGH_T2	0	0	0	0	0	0	-1.5	-1.5	1	1	0	900	900	0
1/13/2024 18:47	46903 MNTG_T2	1	4	3	0.1	0.1	0	-0.17	-0.18	1	1	0	600	600	0
1/13/2024 18:49	46301 ROHR_T1	0	1	1	0	0	0	0	0	0	0	0	0	0	0
1/13/2024 18:49	16401 MOPO_T1	0	1	1	0	0	0	0	0	0	0	0	0	0	0
1/13/2024 18:49	23301 JEFF_T1	0	1	1	0	0	0	0	0	0	0	0	0	0	0
1/13/2024 18:49	44301 BEAV_T2	3	4	1	0.57	0.6	0.03	-0.87	-0.84	1	1	0	600	600	0
1/13/2024 18:50	56801 BENV_T1	14	21	7	0.64	0.79	0.15	0	0	0	0	0	0	0	0
1/13/2024 18:50	40502 CRES_T2	7	20	13	0.16	0.24	0.08	-1.89	-1.95	0	0	0	0	0	0
1/13/2024 18:50	41801 GOCI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1/13/2024 18:50	59101 WALK_T2	0	0	0	0	0	0	0.31	0.27	2	2	0	1050	1050	0
1/13/2024 18:51	46903 MNTG_T2	1	4	3	0.1	0.1	0	-0.17	-0.18	1	1	0	600	600	0
1/13/2024 18:51	59101 WALK_T2	0	0	0	0	0	0	0.31	0.27	2	2	0	1050	1050	0
1/13/2024 18:52	61306 EARL_T1	3	3	0	0.1	0.13	0.03	0	0	0	0	0	0	0	0
1/13/2024 18:52	43401 BENT_T1	0	1	1	0	0	0	0	0	0	0	0	0	0	0
1/13/2024 18:52	29402 BELT_T1	1	4	3	6.2	6.4	0.2	0	0	0	0	0	0	0	0
1/13/2024 18:52	13503 MCMI_T2	221	237	16	1.12	0.83	-0.29	0.36	0.36	0	0	0	0	0	0
1/13/2024 18:52	40502 CRES_T2	7	20	13	0.16	0.24	0.08	-0.63	-0.65	0	0	0	0	0	0
1/13/2024 18:52	42201 SHEN_T2	0	0	0	0	0	0	-0.15	-0.16	1	1	0	600	600	0
1/13/2024 18:52	48302 ORWI_T2	2	2	0	0.45	0.5	0.05	-0.48	-0.49	0	0	0	0	0	0
1/13/2024 18:53	46801 HEPB_T2	2	2	0	0.7	0.7	0	-0.15	-0.13	0	0	0	0	0	0
1/13/2024 18:53	56603 HAMP_T1	0	0	0	0	0	0	-1.03	-1.01	0	0	0	0	0	0
1/13/2024 18:53	44903 SCOT_T1	2	0	-2	0.25	0	-0.25	-0.03	-0.02	0	0	0	0	0	0
1/13/2024 18:53	59101 WALK_T2	0	0	0	0	0	0	0.31	0.27	2	2	0	1050	1050	0
1/13/2024 18:53	49804 UNIV_T1	1	1	0	2.1	0	-2.1	0	0	0	0	0	0	0	0
1/13/2024 18:53	45501 DERR_T2	3	1	-2	0.6	0	-0.6	-0.61	-0.61	2	2	0	1800	1800	0
1/13/2024 18:53	40901 JESH_T1	1	1	0	1.7	0.7	-1	0	0	0	0	0	0	0	0
1/13/2024 18:54	42903 MIDD_T2	2	2	0	1.6	1.95	0.35	-0.09	-0.18	0	0	0	0	0	0
1/13/2024 18:54	48302 ORWI_T2	2	2	0	0.45	0.5	0.05	-0.49	-0.47	0	0	0	0	0	0
1/13/2024 18:54	40502 CRES_T2	7	20	13	0.16	0.24	0.08	-0.65	-0.66	0	0	0	0	0	0
1/13/2024 18:54	56801 BENV_T1	14	21	7	0.64	0.79	0.15	-1.15	-1.12	2	2	0	1200	1200	0
1/13/2024 18:54	52004 LING_T2	1	4	3	1.8	1.6	-0.2	0	0	0	0	0	0	0	0
1/13/2024 18:54	53903 HALI_T2	2	2	0	0.3	0.3	0	0	0	0	0	0	0	0	0
1/13/2024 18:54	20402 ASHF_T2	6	0	-6	0.37	0	-0.37	0	0	0	0	0	0	0	0
1/13/2024 18:54	44905 SCOT_T1	58	56	-2	0.88	0.63	-0.25	0	0	0	0	0	0	0	0
1/13/2024 18:54	46001 BERW_T1	0	0	0	0	0	0	-0.52	-0.55	0	0	0	0	0	0
1/13/2024 18:54	59101 WALK_T2	0	0	0	0	0	0	0.54	0.67	4	4	0	2100	2100	0
1/13/2024 18:54	45501 DERR_T2	3	1	-2	0.6	0	-0.6	-0.61	-0.61	2	2	0	1800	1800	0
1/13/2024 18:54	39601 LNFD_T1	0	1	1	0	0	0	0	0	1	1	0	900	900	0
1/13/2024 18:54	59003 MIFF_T1	0	0	0	0	0	0	-1.05	-1.05	0	0	0	0	0	0
1/13/2024 18:54	40602 PIGR_T1	0	0	0	0	0	0	-1.76	-1.79	1	1	0	600	600	0
1/13/2024 18:54	13503 MCMI_T2	221	237	16	1.12	0.83	-0.29	0.36	0.35	0	0	0	0	0	0
1/13/2024 18:55	52002 LING_T2	0	1	1	0	0	0	-0.05	-0.04	0	0	0	0	0	0
1/13/2024 18:55	61306 EARL_T1	3	3	0	0.1	0.13	0.03	0	0	0	0	0	0	0	0
1/13/2024 18:55	56801 BENV_T1	14	21	7	0.64	0.79	0.15	-1.15	-1.12	2	2	0	1200	1200	0
1/13/2024 18:55	56802 BENV_T2	0	0	0	0	0	0	-1.32	-1.38	0	0	0	0	0	0
1/13/2024 18:55	42701 AUGU_T1	0	0	0	0	0	0	0	0	1	1	0	600	600	0
1/13/2024 18:56	42701 AUGU_T1	0	0	0	0	0	0	0	0	1	1	0	600	600	0
1/13/2024 18:56	29402 BELT_T1	1	4	3	6.2	6.4	0.2	0	0	0	0	0	0	0	0
1/13/2024 18:56	40502 CRES_T2	7	20	13	0.16	0.24	0.08	-4.56	-4.63	0	0	0	0	0	0
1/13/2024 18:56	43401 BENT_T1	0	1	1	0	0	0	0	0	0	0	0	0	0	0
1/13/2024 18:57	51002 NHAR_T1	1	1	0	0.9	1	0.1	0	0	0	0	0	0	0	0
1/13/2024 18:57	61303 EARL_T1	0	0	0	0	0	0	-0.01	-0.11	0	0	0	0	0	0
1/13/2024 18:57	52101 MEIS_T1	0	1	1	0	0.1	0.1	0	0	0	0	0	0	0	0
1/13/2024 18:57	53903 HALI_T2	2	2	0	0.3	0.3	0	0	0	0	0	0	0	0	0
1/13/2024 18:57	52402 GRPA_T2	1	1	0	2.3	2	-0.3	0	0	0	0	0	0	0	0
1/13/2024 18:57	12701 MACU_T1	0	1	1	0	0	0	-1.06	-1.09	1	1	0	1200	1200	0
1/13/2024 18:57	64203 KINZ_T1	0	0	0	0	0	0	-0.45	-0.41	1	1	0	600	600	0
1/13/2024 18:57	61306 EARL_T1	3	3	0	0.1	0.13	0.03	0	0	0	0	0	0	0	0
1/13/2024 18:57	44905 SCOT_T1	58	56	-2	0.88	0.63	-0.25	0	0	0	0	0	0	0	0
1/13/2024 18:57	44901 SCOT_T2	0	0	0	0	0	0	-1.49	-1.49	0	0	0	0	0	0
1/13/2024 18:57	46801 HEPB_T2	2	2	0	0.7	0.7	0	-0.15	-0.13	0	0	0	0	0	0
1/13/2024 18:58	66504 SMAN_T2	0	0	0	0	0	0	-3.42	-3.36	2	2	0	2400	2400	0
1/13/2024 18:58	46204 DANV_T2	20	56	36	0.22	0.27	0.05	0	0	0	0	0	0	0	0
1/13/2024 18:58	40502 CRES_T2	7	20	13	0.16	0.24	0.08	-1.3	-1.32	0	0	0	0	0	0
1/13/2024 18:58	61306 EARL_T1	3	3	0	0.1	0.13	0.03	0	0	0	0	0	0	0	0
1/13/2024 18:59	46001 BERW_T1	0	0	0	0	0	0	-1.04	-1.1	0	0	0	0	0	0
1/13/2024 18:59	57403 SPAN_T1	0	0	0	0	0	0	0.15	0.15	0	0	0	0	0	0
1/13/2024 18:59	42901 MIDD_T2	35	51	16	0.2	0.19	-0.01	0	0	0	0	0	0	0	0
1/13/2024 18:59	59302 MCAL_T1	0	0	0	0	0	0	-0.67	-0.71	1	1	0	600	600	0
1/13/2024 18:59	65604 QVIL_T2	0	0	0	0	0	0	0.42	0.45	0	0	0	0	0	0
1/13/2024 18:59	42701 AUGU_T1	0	0	0	0	0	0	0	0	1	1	0	600	600	0
1/13/2024 18:59	52503 PROG_T2	0	0	0	0	0	0	-0.53	-0.54

1/13/2024 19:04	40101 HUNT_T2	32	18	-14	0.48	0.18	-0.3	-0.46	-0.49	0	0	0	0	0	0
1/13/2024 19:04	48302 ORWI_T2	2	2	0	0.5	0.25	-0.25	-0.49	-0.47	0	0	0	0	0	0
1/13/2024 19:04	52403 GRPA_T2	22	9	-13	0.73	0.22	-0.51	0	0	0	0	0	0	0	0
1/13/2024 19:04	56801 BENV_T1	18	19	1	0.85	0.62	-0.23	-1.15	-1.12	2	2	0	1200	1200	0
1/13/2024 19:04	43201 MVIL_T2	1	1	0	2.2	0	-2.2	-0.31	-0.29	0	0	0	0	0	0
1/13/2024 19:04	67605 WARW_T1	0	0	0	0	0	0	-0.91	-0.92	0	0	0	0	0	0
1/13/2024 19:04	40602 PIGR_T1	0	0	0	0	0	0	-1.76	-1.79	1	1	0	600	600	0
1/13/2024 19:04	67304 TEHI_T2	0	0	0	0	0	0	-0.14	-0.12	0	0	0	0	0	0
1/13/2024 19:04	67503 WEWI_T2	0	0	0	0	0	0	-0.13	-0.13	0	0	0	0	0	0
1/13/2024 19:04	56802 BENV_T2	0	0	0	0	0	0	-1.32	-1.38	0	0	0	0	0	0
1/13/2024 19:05	53903 HAU_T2	2	2	0	0.25	0.3	0.05	0	0	0	0	0	0	0	0
1/13/2024 19:05	57401 SPAN_T1	0	0	0	0	0	0	-1.31	-1.33	1	1	0	600	600	0
1/13/2024 19:05	61303 EARL_T1	0	0	0	0	0	0	-0.01	-0.11	0	0	0	0	0	0
1/13/2024 19:05	60701 BREC_T1	0	0	0	0	0	0	-0.44	-0.42	1	1	0	600	600	0
1/13/2024 19:05	13302 ORVI_T2	2	1	-1	0.1	0.1	0	1.17	1.17	0	0	0	0	0	0
1/13/2024 19:05	64201 KINZ_T1	0	1	1	0	0	0	-0.78	-0.79	3	3	0	1500	1500	0
1/13/2024 19:05	51107 CARL_T1	0	0	0	0	0	0	-0.25	-0.44	0	0	0	0	0	0
1/13/2024 19:05	67204 TEHI_T2	0	0	0	0	0	0	-0.14	-0.12	0	0	0	0	0	0
1/13/2024 19:05	60101 COCA_T1	0	0	0	0	0	0	0.4	0.41	0	0	0	0	0	0
1/13/2024 19:05	67702 WERN_T2	0	0	0	0	0	0	-0.05	-0.05	0	0	0	0	0	0
1/13/2024 19:05	11102 EGYP_T1	0	0	0	0	0	0	-0.31	-0.33	0	0	0	0	0	0
1/13/2024 19:05	63404 HONY_T1	2	2	0	6.1	6.4	0.3	0	0	0	0	0	0	0	0
1/13/2024 19:05	43202 MVIL_T2	0	0	0	0	0	0	-0.63	-0.68	0	0	0	0	0	0
1/13/2024 19:05	56802 BENV_T2	0	0	0	2	0	0	-2.64	-2.76	0	0	0	0	0	0
1/13/2024 19:05	56801 BENV_T1	18	19	1	0.85	0.62	-0.23	-1.15	-1.12	2	2	0	1200	1200	0
1/13/2024 19:06	40101 HUNT_T2	32	18	-14	0.48	0.18	-0.3	-0.46	-0.49	0	0	0	0	0	0
1/13/2024 19:06	64201 KINZ_T1	0	1	1	0	0	0	-0.78	-0.79	3	3	0	1500	1500	0
1/13/2024 19:06	60701 BREC_T1	0	0	0	0	0	0	-0.44	-0.42	1	1	0	600	600	0
1/13/2024 19:06	67502 WEWI_T2	0	0	0	0	0	0	-1.54	-1.54	1	1	0	900	900	0
1/13/2024 19:06	56801 BENV_T1	18	19	1	0.85	0.62	-0.23	-1.15	-1.12	2	2	0	1200	1200	0
1/13/2024 19:06	52102 MEIS_T1	0	0	0	0	0	0	0	0	1	1	0	450	450	0
1/13/2024 19:06	65001 NEFF_T2	0	0	0	0	0	0	-1.32	-1.34	1	1	0	1200	1200	0
1/13/2024 19:06	45501 DERR_T2	1	0	-1	0.5	0	-0.5	-0.61	-0.61	2	2	0	1800	1800	0
1/13/2024 19:06	55002 NEWP_T1	3	1	-2	0.27	0.2	-0.07	-0.16	-0.16	0	0	0	0	0	0
1/13/2024 19:06	67702 WERN_T2	0	0	0	0	0	0	-0.05	-0.05	0	0	0	0	0	0
1/13/2024 19:06	40502 CRES_T2	20	11	-9	0.24	0.15	-0.09	-1.3	-1.32	0	0	0	0	0	0
1/13/2024 19:06	46301 ROHR_T1	0	1	1	0	0.2	0.2	0	0	0	0	0	0	0	0
1/13/2024 19:07	52403 GRPA_T2	22	9	-13	0.73	0.22	-0.51	-0.48	-0.51	0	0	0	0	0	0
1/13/2024 19:07	58402 MORO_T1	0	0	0	0	0	0	-1.02	-1.07	3	3	0	2400	2400	0
1/13/2024 19:07	40902 JESH_T1	0	0	0	0	0	0	-1.41	-1.46	1	1	0	600	600	0
1/13/2024 19:07	63203 MGTN_T1	0	0	0	0	0	0	-0.24	-0.26	1	1	0	600	600	0
1/13/2024 19:07	56801 BENV_T1	18	19	1	0.85	0.62	-0.23	-1.15	-1.12	2	2	0	1200	1200	0
1/13/2024 19:07	60101 COCA_T1	0	0	0	0	0	0	0.4	0.41	0	0	0	0	0	0
1/13/2024 19:07	58402 MORO_T1	0	0	0	0	0	0	-1.02	-1.07	3	3	0	2400	2400	0
1/13/2024 19:07	56501 ROCK_T2	1	7	6	0.1	0.12	0.02	-2.23	-2.26	0	0	0	0	0	0
1/13/2024 19:07	53901 HAU_T2	0	0	0	0	0	0	-1.46	-1.46	0	0	0	0	0	0
1/13/2024 19:07	65001 NEFF_T2	0	0	0	0	0	0	-1.32	-1.34	1	1	0	1200	1200	0
1/13/2024 19:08	46001 BERW_T1	0	0	0	0	0	0	-0.55	-0.54	0	0	0	0	0	0
1/13/2024 19:08	53903 HAU_T2	2	2	0	0.25	0.3	0.05	-0.17	-0.18	0	0	0	0	0	0
1/13/2024 19:08	56801 BENV_T1	18	19	1	0.85	0.62	-0.23	-1.15	-1.12	2	2	0	1200	1200	0
1/13/2024 19:08	67103 SPRI_T1	0	0	0	0	0	0	-0.17	-0.19	0	0	0	0	0	0
1/13/2024 19:08	41801 GOCI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1/13/2024 19:08	57404 SPAN_T2	0	0	0	0	0	0	-0.43	-0.43	1	1	0	1200	1200	0
1/13/2024 19:08	46206 DANV_T2	2	6	4	0.75	0.2	-0.55	2.07	2.03	1	1	0	1200	1200	0
1/13/2024 19:08	46203 DANV_T2	1	0	-1	0.8	0	-0.8	-1.92	-1.92	0	0	0	0	0	0
1/13/2024 19:08	52401 GRPA_T2	1	0	-1	0.5	0	-0.5	0	0	0	0	0	0	0	0
1/13/2024 19:08	13302 ORVI_T2	2	1	-1	0.1	0.1	0	1.17	1.17	0	0	0	0	0	0
1/13/2024 19:08	66505 SMAN_T2	3	3	0	0.33	0.47	0.14	0	0	0	0	0	0	0	0
1/13/2024 19:08	12701 MACU_T1	1	0	-1	0.9	0	-0.9	-1.06	-1.09	1	1	0	1200	1200	0
1/13/2024 19:08	64101 REFR_T1	0	0	0	0	0	0	0.04	0.03	0	0	0	0	0	0
1/13/2024 19:08	44905 SCOT_T1	51	58	7	0.63	0.89	0.26	0	0	0	0	0	0	0	0
1/13/2024 19:08	40101 HUNT_T2	32	18	-14	0.48	0.18	-0.3	-0.49	-0.47	0	0	0	0	0	0
1/13/2024 19:08	52102 MEIS_T1	0	0	0	0	0	0	0	0	1	1	0	450	450	0
1/13/2024 19:08	51107 CARL_T1	0	0	0	0	0	0	-0.25	-0.44	0	0	0	0	0	0
1/13/2024 19:09	52101 MEIS_T1	0	1	1	0	0.1	0.1	0	0	0	0	0	0	0	0
1/13/2024 19:09	56801 BENV_T1	18	19	1	0.85	0.62	-0.23	-1.12	-1.12	2	2	0	1200	1200	0
1/13/2024 19:09	45402 WILO_T2	0	1	1	0	0.2	0.2	-1.49	-1.5	1	1	0	900	900	0
1/13/2024 19:09	64101 REFR_T1	0	0	0	0	0	0	0.03	0.03	0	0	0	0	0	0
1/13/2024 19:09	13105 NHAM_T2	1	0	-1	0.4	0	-0.4	-1.16	-1.12	1	1	0	1200	1200	0
1/13/2024 19:09	67605 WARW_T1	0	0	0	0	0	0	-0.92	-0.84	0	0	0	0	0	0
1/13/2024 19:09	55002 NEWP_T1	3	1	-2	0.27	0.2	-0.07	-0.16	-0.16	0	0	0	0	0	0
1/13/2024 19:09	53903 HAU_T2	2	2	0	0.25	0.3	0.05	-0.18	-0.23	0	0	0	0	0	0
1/13/2024 19:10	52401 GRPA_T2	1	0	-1	0.5	0	-0.5	0	0	0	0	0	0	0	0
1/13/2024 19:10	65604 QVIL_T2	0	0	0	0	0	0	0.45	0.44	0	0	0	0	0	0
1/13/2024 19:10	56501 ROCK_T2	1	7	6	0.1	0.12	0.02	-2.26	-2.27	0	0	0	0	0	0
1/13/2024 19:10	55002 NEWP_T1	3	1	-2	0.27	0.2	-0.07	-0.16	-0.16	0	0	0	0	0	0
1/13/2024 19:10	67702 WERN_T2	0	0	0	0	0	0	-0.05	-0.06	0	0	0	0	0	0
1/13/2024 19:10	60201 ATGL_T2	0	0	0	0	0	0	-0.02	0.02	1	1	0	300	300	0
1/13/2024 19:10	46203 DANV_T2	1	0	-1	0.8	0	-0.8	-1.92	-1.92	0	0	0	0	0	0
1/13/2024 19:10	67501 WEWI_T1	40	9	-31	0.26	0.34	0.08	-1.66	-1.68	0	0	0	0	0	0
1/13/2024 19:10	64801 MONE_T2	0	0	0	0	0	0	-0.44	-0.46	0	0	0	0	0	0
1/13/2024 19:10	43202 MVIL_T2	0	0	0	0	0	0	-0.68	-0.6	0	0	0	0	0	0
1/13/2024 19:11	56801 BENV_T1	18	19	1	0.85	0.62	-0.23	-2.24	-2.24	4	4	0	2400	2400	0
1/13/2024 19:11	61303 EARL_T1	0	0	0	0	0	0	-0.11	-0.11	0	0	0	0	0	0
1/13/2024 19:11	46203 DANV_T2	1	0	-1	0.8	0	-0.8	-1.92	-1.92	0	0	0	0	0	0
1/13/2024 19:11	49803 UNIV_T1	0	0	0	0	0	0	-0.99	-0.92	0	0	0	0	0	0
1/13/2024 19:11	52501 PROG_T1	0	0	0	0	0	0	0.4	0.39	1	1	0	300	300	0
1/13/2024 19:11	65901 SAAR_T2	1	1	0	7.8	8	0.2	-1.23	-1.23	1	1	0	900	900	0
1/13/2024 19:11	60701 BREC_T1	0	0	0	0	0	0	-0.42	-0.42	1	1	0	600	600	0
1/13/2024 19:11	64101 REFR_T1	0	0	0	0	0	0	0.03	0.03	0	0	0	0	0	0
1/13/2024 19:11	67502 WEWI_T2	0	0	0	0	0	0	-3.08	-3.12	2	2	0	1800	1800	0
1/13/2024 19:12	64204 KINZ_T1	1	1	0	0.6	0.2	-0.4	0	0	0	0	0	0	0	0
1/13/2024 19:12	57304 MOAL_T2	0	0	0	0	0	0	-0.59	-0.38	0	0	0	0	0	0
1/13/2024 19:12	56801 BENV_T1	18	19	1	0.85	0.62	-0.23	-2.24	-2.24	4	4	0	2400	2400	0
1/13/2024 19:12	45402 WILO_T2	0	1	1	0	0.2	0.2	-1.49	-1.5	1	1	0	900	900	0
1/13/2024 19:13	52002 LING_T2	1	0	-1	0.4	0	-0.4	-0.04	-0.07	0	0	0	0	0	0
1/13/2024 19:13	61102 BERK_T5	0	0	0	0	0	0	0.33	0.29	1	1	0	300	300	0
1/13/2024 19:13	56501 ROCK_T2	1	7	6	0.1	0.12	0.02	0	0	0	0	0	0	0	0
1/13/2024 19:13	60103 COCA_T2	0	0	0	0	0	0	-1.12	-1.17	1	1	0	900	900	0
1/13/2024 19:13	67402 WAKE_T2	0	0	0	0	0	0	-0.33	-0.36	1	1	0	600	600	0
1/13/2024 19:14	52402 GRPA_T2	1	1	0	1.5	2	0.5	-1.01	-1.03	0	0	0	0	0	0
1/13/2024 19:14	60101 COCA_T1	0	0	0	0	0	0	0.41	0.4	0	0	0	0	0	0
1/13/2024 19:14	67501 WEWI_T1	40	9	-31	0.26	0.34	0.08	-1.66	-1.68	0	0	0	0	0	0
1/13/2024 19:14	53903 HAU_T2	2	2	0	0.25	0.3	0.05	-0.18	-0.23	0	0	0	0	0	0
1/13/2024 19:15	64101 REFR_T1	0	0	0	0	0	0	0.05	0.05	0	0	0	0	0	0
1/13/2024 19:15	57403 SPAN_T1	0	0	0	0	0	0	0.15	0.14	0	0	0	0	0	0
1/13/2024 19:16	57304 MOAL_T2	0	0	0	0	0	0	-0.59	-0.38	0	0	0	0	0	0
1/13/2024 19:16	67605 WARW_T1	0	0	0	0	0	0	-0.92	-0.84	0	0	0	0	0	0
1/13/2024 19:16	60201 ATGL_T2	0	0	0	0	0	0	-0.02	0.02	1	1	0	300	300	0
1/13/2024 19:17	64203 KINZ_T1	0	0	0	0	0	0	-0.41	-0.39	1	1	0	600	600	0
1/13/2024 19:17	61801 EELI_T2	0	0	0	0	0	0	-0.85	-0.91	1	1	0	600	600	0
1/13/2024 19:17	64101 REFR_T1	0	0	0	0	0	0	0.05	0.05	0	0	0	0	0	0
1/13/2024 19:18	67901 WNHO_T2	83	116	33	0.28	0.3	0.02	-0.52	-0.56	0	0	0	0	0	0
1/13/2024 19:18	52004 LING_T2	1	1	0	1.6	1.6	0	0	0	0	0	0	0	0	0
1/13/2024 19:18	57401 SPAN_T1	0	0	0	0	0	0	-1.33	-1.3	1	1	0	600	600	0
1/13/2024 19:20	66505 SMAN_T2	3	3	0	0.37	0.8	0.43	-0.37	-0.5	2	2	0	1100	1100	0
1/13/2024 19:22	66703 STRA_T1	0	0	0	0	0	0	-0.18	-0.07	0	0	0	0	0	0
1/13/2024 19:30	52402 GRPA_T2	1	1	0	2	2.3	0.3	0	0	0	0	0	0	0	0
1/13/2024 19:32	65001 NEFF_T2	0	5	5	0	0.1	0.1	-1.35	-1.37	1	1	0	1200	1200	0
1/13/2024 19:58	65001 NEFF_T2	5	10	5	0.1	0.12	0.02	-1.31	-1.31	1	1	0	1200	1200	0
1/13/2024 19:59	57401 SPAN_T1	0	0	0	0	0	0	-1.31	-1.27	1	1	0	600	600	0
1/13/2024 20:06	27101 GFLD_T2	0	0	0	0	0	0	-0.34	-0.37	1	1	0	600	600	0
1/13/2024 20:17	56501 ROCK_T2	10	89	79	0.13	0.17	0.04	-2.21	-2.26	0	0	0	0	0	0
1/13/2024 20:35	65003 NEFF_T2	0	1	1	0	0.1	0.1	0	0	0	0	0	0	0	0
1/13/2024 22:02	57403 SPAN_T1	0	0	0	0	0	0	0.14	0.13	0	0	0	0	0	0
1/13/2024 22:04	65001 NEFF_T2	0	4	4	0	0.1	0.1	-1.37	-1.43	1	1	0	1200	1200	0
1/13/2024 22:18	29401 BELT_T1	0	0	0	0	0	0	0	0	1	1	0	900	900	0
1/13/2024 22:30	29401 BELT_T1	0	0	0	0	0	0	0	0	1	1	0	900	900	0
1/13/2024 23:02	62604 ENGL_T1	0	1	1	0	0	0	-1.23	0.03	0	0	0	0	0	0
1/13/2024 23:03	62604 ENGL_T1	0	1	1	0	0	0	-1.23	0.03	0	0	0	0	0	0
1/13/2024 23:04	62604 ENGL_T1	0	1	1	0	0	0	-1.23	0.03	0	0	0	0	0	0
1/13/2024 23:07	62604 ENGL_T1	0	1	1	0	0	0	-2.46	0.07	0	0	0	0	0	0
1/14/2024 0:34	65001 NEFF_T2	217	228	11	0.26	0.26	0	-1.43	-1.38	1	1	0	1200	1200	0
1/14/2024 1:21	65001 NEFF_T2	226	241	15	0.26	0.39	0.13	-1.44	-1.47	1	1	0	1200	1200	0
1/14/2024 1:58	65001 NEFF_T2	238	230	-8	0.39	0.34	-0.05	-1.41	-1.41	1	1	0	1200	1200	0
1/14/2024 2:00	60801 BUCK_T1	0	0	0	0	0	0	-0.18	-0.18	0	0	0	0	0	0
1/14/2024 2:23	67702 WERN_T2	0	0	0	0	0	0	-0.06	-0.06	0	0	0	0	0	0
1/14/2024 2:45	65003 NEFF_T2	3	5	2	0.17	0.12	-0.05	0	0	0	0	0	0	0	0
1/14/2024 2:48	41902 REED_T1	0	2	2	0	0	0	1.76	1.68	0	0	0	0	0	0
1/14/2024 4:09	65001 NEFF_T2	187	168	-19	0.18	0.14	-0.04	-1.45	-1.49	1	1	0	1200	1200	0
1/14/2024 5:01	65001 NEFF_T2	6	3	-3	0.15	0.1	-0.05	-1.44	-1.45	1	1	0	1200	1200	0
1/14/2024 5:38	65001 NEFF_T2	0	0	0	0	0	0	-1.43	-1.45	1	1	0	1200	1200	0
1/14/2024 5:54	65001 NEFF_T2	0	0	0	0	0	0	-1.38	-1.41	1	1	0	1200	1200	0
1/14/2024 7:08	65001 NEFF_T2	0	0	0	0	0	0	-1.34	-1.34	1	1	0	1200	1200	0
1/14/2024 7:28	65001 NEFF_T2	0	0	0	0	0	0	-1.3	-1.34	1	1	0	1200	1200	0
1/14/2024 7:54	46206 DANV_T2	0	2	2	0	0	0	0	0	0	0	0	0	0	0
1/14/2024 7:54	43402 BENT_T1	1	0	-1	0.1	0	-0.1	-3.08	-3.08	4	4	0	3000	3000	0
1/14/2024 7:57	53901 HAU_T2	0	0	0	0	0	0	-1.47	-1.45	0	0	0	0	0	0
1/14/2024 7:59	53903 HAU_T2	0	2	2	0	0.15	0.15	0	0	0	0	0	0	0	0
1/14/2024 8:00	65001 NEFF_T2	0	0	0	0	0	0	-1.32	-1.32	1	1	0	1200	1200	0
1/14/2024 8:04	52102 MEIS_T1	0	1	1	0	0	0	0	0	0	0	0	0	0	0
1/14/2024 8:10	46204 DANV_T2	19	2	-17	0.25	0	-0.25	0	0	0	0	0	0	0	0
1/14/2024 8:11	43402 BENT_T1	0	0	0	0	0	0	-1.54	-1.55	2	2	0	1500	1500	0
1/14/2024 8:12	46203 DANV_T2	0	5	5	0	0.18	0.18	-1.94	-1.92	0	0	0	0	0	0
1/14/2024 8:16	13503 MCMI_T2	71	98	27	0.56	0.53	-0.03	0.36	0.42	0	0	0	0	0	0
1/14/2024 8:18	13503 MCMI_T2	71	98	27	0.56	0.53	-0.03	0.36	0.42	0	0	0	0	0	0
1/14/2024 8:19	67103 SPRI_T1	0	0	0	0	0	0	-0.2	-0.18	0	0	0	0	0	0
1/14/2024 8:20	67103 SPRI_T1	0	0	0	0	0	0	-0.2	-0.18	0	0	0	0	0	0
1/14/2024 8:22	49803 UNIV_T1	0	4	4	0	0.1	0.1	-1.01	-0.96	0	0	0	0	0	0
1/14/2024 8:26	10705 CATA_T2	0	0	0	0	0	0	-0.8	-0.8	1	1	0	900	900	0
1/14/2024 8:33	46903 MNTG_T2	0	0	0	0	0	0	-0.21	-0.2	1	1	0	600	600	0
1/14/2024 8:35	55002 NEWP_T1	5	5	0	0.28	0.74	0.46	-0.16	-0.17	0	0	0	0	0	0
1/14/2024 8:40	40502 CRES_T2	12	0	-12	0.37	0	-0.37	-0.6	-0.64	0	0	0	0	0	0
1/14/2024 8:46	28704 HAML_T2	1	1	0	0.4	0.2	-0.2	-0.65	-0.69	0	0	0	0	0	0
1/14/2024 8:47	65002 NEFF_T2	1	73	72	0.5	2.15	1.65	0	0	0	0	0	0	0	0
1/14/2024 8:52	67702 WERN_T2	0	0	0	0	0	0	-0.01	-0.05	0	0	0	0	0	0
1/14/2024 8:55	67702 WERN_T2	0	0	0	0	0	0	-0.1	-0.02	0	0	0	0	0	0
1/14/2024 9:00	65001 NEFF_T2	0	0	0	0	0	0	-1.3	-1.14	1	1	0	1200	1200	0
1/14/2024 9:00	40502 CRES_T2	0	12	12	0	0.33	0.33	-0.64	-0.67	0	0	0	0	0	0
1/14/2024 9:00	16401 MOPO_T1	1	1	0	0.7	0.7	0	0	0	0	0	0	0	0	0
1/14/2024 9:00	42903 MIDD_T2	2	2	0	1.5	1.6	0.1	-0.02	-0.1	0	0	0	0	0	0
1/14/2024 9:00	41901 REED_T1	8	9	1	0.43	0.5	0.07	0	0	0	0	0	0	0	0
1/14/2024 9:00	64204 KINZ_T1	1	1	0	0.5	0.9	0.4	0	0	0	0	0	0	0	0
1/14/2024 9:00	59102 WALK_T2	0	0	0	0	0	0	-0.4	-0.42	1	1	0	600	600	0
1/14/2024 9:00	47101 MARL_T1	8	11	3	0.74	0.98	0.24	-0.68	-0.68	0	0	0	0	0	0
1/14/2024 9:00	27502 WEIS_T2	0	0	0	0	0	0	-0.36	-0.38	0	0	0	0	0	0
1/14/2024 9:00	43304 WATS_T2	1	4	3	0.2	0.2	0	-0.73	-0.75	0	0	0	0	0	0

Appendix C - Grid Benefits Achieved in Each Instance of Active Management

1/14/2024 9:37	56801 BENV_T1	4	1	-3	0.65	0	-0.65	-0.95	-0.98	2	2	0	1200	1200	0
1/14/2024 9:38	59101 WALK_T2	0	0	0	0	0	0	0.86	1.04	0	0	0	0	0	0
1/14/2024 9:38	29402 BELT_T1	7	1	-6	1.03	6.2	5.17	0	0	0	0	0	0	0	0
1/14/2024 9:38	56801 BENV_T1	4	1	-3	0.65	0	-0.65	-0.95	-0.98	2	2	0	1200	1200	0
1/14/2024 9:39	56801 BENV_T1	4	1	-3	0.65	0	-0.65	-0.98	-0.98	2	2	0	1200	1200	0
1/14/2024 9:40	56801 BENV_T1	4	1	-3	0.65	0	-0.65	-0.49	-0.49	1	1	0	600	600	0
1/14/2024 9:41	56801 BENV_T1	4	1	-3	0.65	0	-0.65	-0.98	-0.98	2	2	0	1200	1200	0
1/14/2024 9:48	44905 SCOT_T1	16	37	21	0.44	0.34	-0.1	0	0	0	0	0	0	0	0
1/14/2024 9:48	41901 REED_T1	9	11	2	0.41	0.41	0	0	0	0	0	0	0	0	0
1/14/2024 9:49	44903 SCOT_T1	4	2	-2	0.33	0	-0.33	-0.03	-0.03	0	0	0	0	0	0
1/14/2024 9:49	64101 REFR_T1	0	0	0	0	0	0	-0.01	-0.02	0	0	0	0	0	0
1/14/2024 9:50	44905 SCOT_T1	16	37	21	0.44	0.34	-0.1	0	0	0	0	0	0	0	0
1/14/2024 9:50	41902 REED_T1	4	3	-1	0.75	0	-0.75	0.99	0.99	0	0	0	0	0	0
1/14/2024 9:50	66504 SMAN_T2	0	0	0	0	0	0	-3.55	-0.98	0	0	0	0	0	0
1/14/2024 9:51	64101 REFR_T1	0	0	0	0	0	0	-0.01	-0.02	0	0	0	0	0	0
1/14/2024 9:52	44903 SCOT_T1	4	2	-2	0.33	0	-0.33	-0.03	-0.03	0	0	0	0	0	0
1/14/2024 9:52	64101 REFR_T1	0	0	0	0	0	0	-0.01	-0.02	0	0	0	0	0	0
1/14/2024 9:53	64101 REFR_T1	0	0	0	0	0	0	-0.02	-0.05	0	0	0	0	0	0
1/14/2024 9:53	56802 BENV_T2	0	0	0	0	0	0	-1.28	-1.29	0	0	0	0	0	0
1/14/2024 9:53	67402 WAKE_T2	0	0	0	0	0	0	-0.33	-0.34	1	1	0	600	600	0
1/14/2024 9:54	67502 WEWI_T2	0	0	0	0	0	0	-1.33	-1.31	1	1	0	900	900	0
1/14/2024 9:54	59101 WALK_T2	0	0	0	0	0	0	1.32	1.55	0	0	0	0	0	0
1/14/2024 9:54	56802 BENV_T2	0	0	0	0	0	0	-2.58	-2.56	0	0	0	0	0	0
1/14/2024 9:54	66501 SMAN_T2	2	0	-2	0.15	0	-0.15	0	0	0	0	0	0	0	0
1/14/2024 9:54	64101 REFR_T1	0	0	0	0	0	0	-0.02	0.01	0	0	0	0	0	0
1/14/2024 9:55	56802 BENV_T2	0	0	0	0	0	0	-1.29	-1.28	0	0	0	0	0	0
1/14/2024 9:57	56802 BENV_T2	0	0	0	0	0	0	-2.58	-2.56	0	0	0	0	0	0
1/14/2024 9:59	46903 MNTG_T2	0	0	0	0	0	0	-0.17	-0.16	1	1	0	600	600	0
1/14/2024 10:01	46903 MNTG_T2	0	1	1	0	0.2	0.2	-0.34	-0.32	2	2	0	1200	1200	0
1/14/2024 10:02	43201 MVIL_T2	0	0	0	0	0	0	-0.32	-0.31	0	0	0	0	0	0
1/14/2024 10:03	55002 NEWP_T1	7	5	-2	0.83	0.7	-0.13	-0.32	-0.32	0	0	0	0	0	0
1/14/2024 10:05	44901 SCOT_T2	0	0	0	0	0	0	-0.17	-0.19	0	0	0	0	0	0
1/14/2024 10:05	55002 NEWP_T1	7	5	-2	0.83	0.7	-0.13	-0.32	-0.32	0	0	0	0	0	0
1/14/2024 10:05	57401 SPAN_T1	0	0	0	0	0	0	-0.9	-0.94	1	1	0	600	600	0
1/14/2024 10:07	57401 SPAN_T1	0	0	0	0	0	0	-0.9	-0.94	1	1	0	600	600	0
1/14/2024 10:08	40301 TAMA_T3	2	2	0	0.2	0	-0.2	0	0	0	0	0	0	0	0
1/14/2024 10:08	57401 SPAN_T1	0	0	0	0	0	0	-0.9	-0.94	1	1	0	600	600	0
1/14/2024 10:08	29402 BELT_T1	1	4	3	5.6	2.85	-2.75	0	0	0	0	0	0	0	0
1/14/2024 10:08	44301 BEAV_T2	2	4	2	0.35	0.33	-0.02	-0.78	-0.74	1	1	0	600	600	0
1/14/2024 10:08	49803 UNIV_T1	5	1	-4	0.1	0.1	0	-0.97	-0.93	0	0	0	0	0	0
1/14/2024 10:08	44901 SCOT_T2	0	0	0	0	0	0	-0.19	-0.14	0	0	0	0	0	0
1/14/2024 10:08	40502 CRES_T2	3	0	-3	0.1	0	-0.1	-0.61	-0.58	0	0	0	0	0	0
1/14/2024 10:09	56801 BENV_T1	4	4	0	0	0.43	0.43	-1.02	-1	2	2	0	1200	1200	0
1/14/2024 10:09	67402 WAKE_T2	0	0	0	0	0	0	-0.33	-0.37	1	1	0	600	600	0
1/14/2024 10:10	40502 CRES_T2	3	0	-3	0.1	0	-0.1	-1.23	-1.16	0	0	0	0	0	0
1/14/2024 10:10	60101 COCA_T1	0	0	0	0	0	0	0.37	0.36	0	0	0	0	0	0
1/14/2024 10:10	29402 BELT_T1	1	4	3	5.6	2.85	-2.75	0	0	0	0	0	0	0	0
1/14/2024 10:11	57401 SPAN_T1	0	0	0	0	0	0	-0.94	-0.92	1	1	0	600	600	0
1/14/2024 10:12	56801 BENV_T1	0	4	4	0	0.43	0.43	-0.51	-0.5	1	1	0	600	600	0
1/14/2024 10:12	44301 BEAV_T2	2	4	2	0.35	0.33	-0.02	-0.78	-0.74	1	1	0	600	600	0
1/14/2024 10:12	60101 COCA_T1	0	0	0	0	0	0	0.37	0.36	0	0	0	0	0	0
1/14/2024 10:12	29402 BELT_T1	1	4	3	5.6	2.85	-2.75	0	0	0	0	0	0	0	0
1/14/2024 10:13	53901 HALI_T2	6	3	-3	0.1	0.23	0.13	-2.88	-3	0	0	0	0	0	0
1/14/2024 10:14	46901 MNTG_T2	0	0	0	0	0	0	1.09	1.24	0	0	0	0	0	0
1/14/2024 10:14	27502 WEIS_T2	0	0	0	0	0	0	-0.36	-0.3	0	0	0	0	0	0
1/14/2024 10:15	67402 WAKE_T2	0	0	0	0	0	0	-0.33	-0.37	1	1	0	600	600	0
1/14/2024 10:15	53903 HALI_T2	2	2	0	1	0.35	-0.65	0	0	0	0	0	0	0	0
1/14/2024 10:16	53903 HALI_T2	2	2	0	1	0.35	-0.65	0	0	0	0	0	0	0	0
1/14/2024 10:16	52402 GRPA_T2	3	2	-1	0.7	1.1	0.4	0	0	0	0	0	0	0	0
1/14/2024 10:16	46903 MNTG_T2	0	1	1	0	0.2	0.2	-0.16	-0.19	1	1	0	600	600	0
1/14/2024 10:17	53901 HALI_T2	3	1	-2	0.17	0.5	0.33	-1.44	-1.5	0	0	0	0	0	0
1/14/2024 10:17	46903 MNTG_T2	0	1	1	0	0.2	0.2	-0.48	-0.57	3	3	0	1800	1800	0
1/14/2024 10:17	52102 MEIS_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1/14/2024 10:17	65001 NEFF_T2	1	0	-1	0.1	0	-0.1	-1.34	-1.36	1	1	0	1200	1200	0
1/14/2024 10:18	46903 MNTG_T2	0	1	1	0	0.2	0.2	-0.16	-0.19	1	1	0	600	600	0
1/14/2024 10:19	52102 MEIS_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1/14/2024 10:19	46903 MNTG_T2	0	1	1	0	0.2	0.2	-0.16	-0.19	1	1	0	600	600	0
1/14/2024 10:19	16402 MOPO_T1	85	33	-52	0.52	0.41	-0.11	0.01	0.01	0	0	0	0	0	0
1/14/2024 10:20	16402 MOPO_T1	85	33	-52	0.52	0.41	-0.11	0.01	0.01	0	0	0	0	0	0
1/14/2024 10:20	57303 MOAL_T2	1	1	0	7.7	7.7	0	0	0	0	0	0	0	0	0
1/14/2024 10:20	65001 NEFF_T2	1	0	-1	0.1	0	-0.1	-1.34	-1.36	1	1	0	1200	1200	0
1/14/2024 10:21	60501 NMAN_T2	3	3	0	4.57	4.27	-0.3	0	0	0	0	0	0	0	0
1/14/2024 10:21	66505 SMAN_T2	0	0	0	0	0	0	-0.14	-0.13	2	2	0	1100	1100	0
1/14/2024 10:23	59101 WALK_T2	1	1	0	0.1	0.1	0	1.55	1.26	1	1	0	450	450	0
1/14/2024 10:24	59101 WALK_T2	1	1	0	0.1	0.1	0	2.51	2.02	2	2	0	900	900	0
1/14/2024 10:25	67402 WAKE_T2	0	0	0	0	0	0	-0.37	-0.36	1	1	0	600	600	0
1/14/2024 10:26	53501 EVIL_T2	8	9	1	0.63	0.48	-0.15	-0.62	-0.65	0	0	0	0	0	0
1/14/2024 10:28	53501 EVIL_T2	8	9	1	0.63	0.48	-0.15	-1.24	-1.31	0	0	0	0	0	0
1/14/2024 10:28	67502 WEWI_T2	0	0	0	0	0	0	-1.24	-1.3	1	1	0	900	900	0
1/14/2024 10:28	63404 HONY_T1	2	2	0	6.35	6.45	0.1	0	0	0	0	0	0	0	0
1/14/2024 10:30	67402 WAKE_T2	0	0	0	0	0	0	-0.37	-0.36	1	1	0	600	600	0
1/14/2024 10:30	53501 EVIL_T2	9	9	0	0.46	0.41	-0.05	-1.24	-1.31	0	0	0	0	0	0
1/14/2024 10:31	54201 PENN_T1	160	232	72	0.43	0.42	-0.01	-1.29	-1.26	0	0	0	0	0	0
1/14/2024 10:32	40901 IESH_T1	1	1	0	1.2	0	-1.2	0	0	0	0	0	0	0	0
1/14/2024 10:34	52006 LING_T2	3	2	-1	0.27	0.45	0.18	0	0	0	0	0	0	0	0
1/14/2024 10:34	64101 REFR_T1	0	0	0	0	0	0	0.01	0.04	0	0	0	0	0	0
1/14/2024 10:35	14401 SSLA_T1	0	3	3	0	0.1	0.1	0	0	0	0	0	0	0	0
1/14/2024 10:36	14401 SSLA_T1	0	3	3	0	0.1	0.1	0	0	0	0	0	0	0	0
1/14/2024 10:36	59102 WALK_T2	0	2	2	0	0.2	0.2	0	0	0	0	0	0	0	0
1/14/2024 10:38	46206 DANV_T2	4	1	-3	0.48	0	-0.48	2.11	2.08	1	1	0	1200	1200	0
1/14/2024 10:39	46204 DANV_T2	4	2	-2	0.33	0.1	-0.23	0	0	0	0	0	0	0	0
1/14/2024 10:40	59101 WALK_T2	0	1	1	0	0.1	0.1	1.01	0.98	1	1	0	450	450	0
1/14/2024 10:40	41902 REED_T1	0	0	0	0	0	0	1	1	0	0	0	0	0	0
1/14/2024 10:40	60201 ATGL_T2	0	0	0	0	0	0	0.21	0.15	0	0	0	0	0	0
1/14/2024 10:41	46206 DANV_T2	4	1	-3	0.48	0	-0.48	2.11	2.08	1	1	0	1200	1200	0
1/14/2024 10:42	56803 BENV_T1	1	0	-1	0.4	0	-0.4	0	0	0	0	0	0	0	0
1/14/2024 10:43	46203 DANV_T2	6	7	1	0.27	0.2	-0.07	-1.9	-1.88	0	0	0	0	0	0
1/14/2024 10:43	52402 GRPA_T2	1	2	1	1.5	1.45	-0.05	0	0	0	0	0	0	0	0
1/14/2024 10:43	65001 NEFF_T2	0	0	0	0	0	0	-1.31	-1.26	1	1	0	1200	1200	0
1/14/2024 10:44	42902 MIDD_T2	30	75	45	0.26	0.42	0.16	0	0	0	0	0	0	0	0
1/14/2024 10:44	40103 HUNT_T2	72	72	0	0.56	0.5	-0.06	-0.43	-0.41	0	0	0	0	0	0
1/14/2024 10:45	11104 EGYP_T1	9	9	0	0.32	0	-0.32	0.44	0.46	0	0	0	0	0	0
1/14/2024 10:46	42901 MIDD_T2	64	106	42	0.22	0.25	0.03	0	0	0	0	0	0	0	0
1/14/2024 10:46	40103 HUNT_T2	26	73	47	0.67	0.41	-0.26	-0.43	-0.41	0	0	0	0	0	0
1/14/2024 10:48	40602 PIGR_T1	0	0	0	0	0	0	-1.24	-1.18	1	1	0	600	600	0
1/14/2024 10:48	40101 HUNT_T2	26	73	47	0.67	0.41	-0.26	-0.43	-0.41	0	0	0	0	0	0
1/14/2024 10:48	64101 REFR_T1	0	0	0	0	0	0	0.04	0.06	0	0	0	0	0	0
1/14/2024 10:49	42903 MIDD_T2	11	52	41	0.58	0.96	0.38	0	-0.15	0	0	0	0	0	0
1/14/2024 10:50	46302 ROHR_T1	3	4	1	0.63	0.65	0.02	0.29	0.27	0	0	0	0	0	0
1/14/2024 10:50	40603 PIGR_T1	0	0	0	0	0	0	0.38	0.4	0	0	0	0	0	0
1/14/2024 10:50	41901 REED_T1	11	11	0	0.65	0.46	-0.19	0	0	0	0	0	0	0	0
1/14/2024 10:50	40603 PIGR_T1	0	0	0	0	0	0	0.38	0.4	0	0	0	0	0	0
1/14/2024 10:51	46301 ROHR_T1	2	1	-1	0.4	0	-0.4	0	0	0	0	0	0	0	0
1/14/2024 10:52	59101 WALK_T2	1	0	-1	0.1	0	-0.1	1.01	0.98	1	1	0	450	450	0
1/14/2024 10:54	51107 CARL_T1	0	0	0	0	0	0	-0.37	-0.37	0	0	0	0	0	0
1/14/2024 10:54	24902 WHHA_T1	0	0	0	0	0	0	0.53	0.52	0	0	0	0	0	0
1/14/2024 10:56	60201 ATGL_T2	0	0	0	0	0	0	0.15	0.18	0	0	0	0	0	0
1/14/2024 10:56	52404 GRPA_T2	0	0	0	0	0	0	-0.09	-0.12	0	0	0	0	0	0
1/14/2024 10:57	51108 CARL_T1	1	0	-1	0.1	0	-0.1	0	0	0	0	0	0	0	0
1/14/2024 10:58	52402 GRPA_T2	2	1	-1	1.1	2.7	1.6	0	0	0	0	0	0	0	0
1/14/2024 10:59	52402 GRPA_T2	2	1	-1	1.1	2.7	1.6	0	0	0	0	0	0	0	0
1/14/2024 11:01	28704 HAML_T2	9	1	-8	0.18	0.3	0.12	0	0	0	0	0	0	0	0
1/14/2024 11:02	61306 EARL_T1	9	5	-4	0.24	0.16	-0.08	0	0	0	0	0	0	0	0
1/14/2024 11:02	47401 PENS_T1	1	1	0	1	0.6	-0.4	0.97	0.78	0	0	0	0	0	0
1/14/2024 11:03	65001 NEFF_T2	0	0	0	0	0	0	-1.26	-1.31	1	1	0	1200	1200	0
1/14/2024 11:03	42902 MIDD_T2	59	58	-1	0.47	0.4	-0.07	0	0	0	0	0	0	0	0
1/14/2024 11:03	47401 PENS_T1	1	1	0	1	0.6	-0.4	0.97	0.78	0	0	0	0	0	0
1/14/2024 11:04	57401 SPAN_T1	0	0	0	0	0	0	-0.92	-0.93	1	1	0	600	600	0
1/14/2024 11:04	42201 SHEN_T2	0	0	0	0	0	0	0.01	0	1	1	0	600	600	0
1/14/2024 11:04	47401 PENS_T1	1	1	0	1	0.6	-0.4	3.89	3.11	0	0	0	0	0	0
1/14/2024 11:05	47401 PENS_T1	1	1	0	1	0.6	-0.4	2.92	2.33	0	0	0	0	0	0
1/14/2024 11:05	57401 SPAN_T1	0	0	0	0	0	0	-0.92	-0.93	1	1	0	600	600	0
1/14/2024 11:05	45402 WILO_T2	0	2	2	0	0.1	0.1	-0.53	-0.48	0	0	0	0	0	0
1/14/2024 11:06	44601 SALE_T2	0	0	0	0	0	0	-0.16	-0.12	0	0	0	0	0	0
1/14/2024 11:06	49803 UNIV_T1	0	2	2	0	0.1	0.1	-0.91	-0.94	0	0	0	0	0	0
1/14/2024 11:06	46801 HEPB_T2	0	0	0	0	0	0	0.67	0.65	0	0	0	0	0	0
1/14/2024 11:06	55105 WERT_T1	0	0	0	0	0	0	-0.39	-0.38	1	1	0	900	900	0
1/14/2024 11:06	47401 PENS_T1	1	1	0	1	0.6	-0.4	0.97	0.78	0	0	0	0	0	0
1/14/2024 11:07	46901 MNTG_T2	0	0	0	0	0	0	1.08	0.77	0	0	0	0	0	0
1/14/2024 11:07	57401 SPAN_T1	0	0	0	0	0	0	-0.92	-0.93	1	1	0	600	600	0
1/14/2024 11:08	42201 SHEN_T2	0	0	0	0	0	0	0.01	0	1	1	0	600	600	0
1/14/2024 11:08	41601 CLEV_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1/14/2024 11:09	60803 BUCK_T1	0	0	0	0	0	0	-1.12	-1.14	1	1	0	600	600	0
1/14/2024 11:09	67503 WEWI_T2	0	0	0	0	0	0	-0.01	-0.1	0	0	0	0	0	0
1/14/2024 11:09	44302 BEAV_T2	184	97	-87	0.48	0.38	-0.1	0.28	0.27	0	0	0	0	0	0
1/14/2024 11:10	42503 ALTA_T2	0	0	0	0	0	0	-0.47	-0.46	0	0	0	0	0	0
1/14/2024 11:10	41601 CLEV_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1/14/2024 11:10	60803 BUCK_T1	0	0	0	0	0	0	-1.12	-1.14	1	1	0	600	600	0
1/14/2024 11:11	43401 BENT_T1	0	5	5	0	0	0	0	0	0	0	0	0	0	0
1/14/2024 11:12	60803 BUCK_T1	0	0	0	0	0	0	-1.12	-1.14	1	1	0	600	600	0
1/14/2024 11:14	53901 HALI_T2	1	3	2	0.5	0.23	-0.27	-1.46	-1.49	0	0	0	0	0	0
1/14/2024 11:15	52402 GRPA_T2	1	6	5	2.7	1.03	-1.67	0	0	0	0	0	0	0	0
1/14/2024 11:15	46903 MNTG_T2	0	2	2	0	0.5	0.5	-0.1	-0.12	1	1	0	600	600	0
1/14/2024 11:16	64801 MONE_T2	0	0	0	0	0	0	-0.45	-0.45	0	0	0	0	0	0
1/14/2024 11:17	55001 NEWP_T1	0	22	22	0	0	0	0	0	0	0	0	0	0	0
1/14/2024 11:20	46302 ROHR_T1	2	175	173	1.1	1.3	0.2	0	0	0	0	0	0	0	0
1/14/2024 11:20	65901 SAKR_T2	1	1	0	8.2	7.7	-0.5	-1.03	-1.16	1	1	0	900	900	0
1/14/2024 11:21	46302 ROHR_T1	2	175	173	1.1	1.3	0.2	0	0	0	0	0	0	0	0
1/14/2024 11:21	45402 WILO_T2	2	1	-1	0.2	0.8	0.6	-0.48	-0.55	0	0	0	0	0	0
1/14/2024 11:21	67702 WERN_T2	0	0	0	0	0	0	-0.01	-0.01	0	0	0	0	0	0
1/14/2024 11:22	52501 PROG_T1	0	0	0	0	0	0	-0.24	-0.22	1	1	0	300	300	0
1/14/2024 11:22	65901 SAKR_T2	1	1	0	8.2	7.7	-0.5	-1.03	-1.16	1	1	0	900	900	0
1/14/2024 11:22	67605 WARW_T1	0	0	0	0	0	0	-1.05	-1.02	0	0	0	0	0	0
1/14/2024 11:23	45702 LIND_T2	0	5	5	0	0.62	0.62	-0.78	-0.75	0	0	0	0	0	0
1/14/2024 11:24	67702 WERN_T2	0	0	0	0	0	0	-0.01	-0.01	0	0	0	0	0	0
1/14/2024 11:24	20402 ASHF_T2	0	7	7	0	0.1	0.1	0	0	0	0	0	0	0	0
1/14/2024 11:28	41801 GOCI_T2	0	3	3	0	0.3	0.3	0	0	0	0	0	0	0	0
1/14/2024 11:28	40101 HUNT_T2	37	73	36	0.42	0.49	0.07	-0.45	-0.43	0	0	0	0	0	0
1/14/2024 11:29	47001 HUGH_T2	0	0	0	0	0	0	-1.51	-1.48	1	1	0	900	900	0
1/14/2024 11:29	46302 ROHR_T1	2	175	173	1.1	1.3	0.2	0.29	0.31	0	0	0	0	0	0
1/14/2024 11:30	27101 GFLD_T2	0	0	0	0	0	0	-0.27	-0.32	1	1	0	600	600	0
1/14/2024 11:31	13503 MCMI_T2	140	152	12	0.73	0.68	-0.05	0.42	0.4	0	0	0	0	0	0
1/14/2024 11:32	47401 PENS_T1	0	2	2	0	0.7	0.7	1.56	1.57	0	0	0	0	0	0
1/14/2024 11:32	40603 PIGR_T1	1	1	0	0.5	0	-0.5	0.37	0.39	0	0	0	0	0	0
1/14/2024 11:33	47401 PENS_T1	0	2	2	0	0.7	0.7	0.78	0.79	0	0	0	0	0	0
1/14/2024 11:33	47001 HUGH_T2	0	0	0	0	0	0	-1.51	-1.48	1	1	0	900	900	0
1/14/2024 11:34	65001 NEFF_T2	0	0	0	0	0	0	-1.31	-1.22	1	1	0	1200	1200	0
1/14/2024 11:35	59201 THOM_T1	0	104	104	0	0.2	0.2	0	0

1/14/2024 11:56	60803 BUCK_T1	0	0	0	0	0	0	-1.12	-1.12	1	1	0	600	600	0
1/14/2024 11:57	60803 BUCK_T1	0	0	0	0	0	0	-1.12	-1.12	1	1	0	600	600	0
1/14/2024 11:57	60101 COCA_T1	0	0	0	0	0	0	0.46	0.44	0	0	0	0	0	0
1/14/2024 11:57	56501 ROCK_T2	9	57	48	0.2	0.21	0.01	-2.29	-2.31	0	0	0	0	0	0
1/14/2024 11:58	56501 ROCK_T2	9	57	48	0.2	0.21	0.01	-2.29	-2.31	0	0	0	0	0	0
1/14/2024 12:00	56504 ROCK_T2	0	221	221	0	0	0	0	0	0	0	0	0	0	0
1/14/2024 12:01	56504 ROCK_T2	0	221	221	0	0	0	0	0	0	0	0	0	0	0
1/14/2024 12:02	65001 NEFF_T2	0	0	0	0	0	0	-1.28	-1.28	1	1	0	1200	1200	0
1/14/2024 12:02	54203 PENN_T1	129	102	-27	0.36	0.43	0.07	0	0	0	0	0	0	0	0
1/14/2024 12:03	13503 MCMI_T2	136	187	51	0.8	0.94	0.14	0.39	0.4	0	0	0	0	0	0
1/14/2024 12:04	41901 REED_T1	114	94	-20	0.58	0.69	0.11	0	0	0	0	0	0	0	0
1/14/2024 12:07	59202 THOM_T1	12	13	1	0.23	0.35	0.12	0	0	0	0	0	0	0	0
1/14/2024 12:13	60101 COCA_T1	0	0	0	0	0	0	0.44	0.42	0	0	0	0	0	0
1/14/2024 12:17	47403 PENS_T1	3	3	0	0.37	0.37	0	0	0	0	0	0	0	0	0
1/14/2024 12:18	47403 PENS_T1	3	3	0	0.37	0.37	0	0	0	0	0	0	0	0	0
1/14/2024 12:18	61306 EARL_T1	4	4	0	0.15	0.13	-0.02	0	0	0	0	0	0	0	0
1/14/2024 12:18	59201 THOM_T1	0	3	3	0	0.13	0.13	0	0	0	0	0	0	0	0
1/14/2024 12:19	47403 PENS_T1	3	3	0	0.37	0.37	0	0	0	0	0	0	0	0	0
1/14/2024 12:21	47401 PENS_T1	1	1	0	1	1	0	0.98	1.02	0	0	0	0	0	0
1/14/2024 12:21	66703 STRA_T1	0	0	0	0	0	0	-0.08	-0.05	0	0	0	0	0	0
1/14/2024 12:23	66703 STRA_T1	0	0	0	0	0	0	-0.08	-0.05	0	0	0	0	0	0
1/14/2024 12:30	26803 JAFR_T1	0	1	1	0	3.8	3.8	-0.19	-0.17	1	1	0	900	900	0
1/14/2024 12:36	40603 PIGR_T1	0	275	275	0	0.2	0.2	0.57	0.58	0	0	0	0	0	0
1/14/2024 12:36	14401 SSLA_T1	3	38	35	0.77	0.53	-0.24	0	0	0	0	0	0	0	0
1/14/2024 12:36	41901 REED_T1	40	13	-27	0.49	1.09	0.6	-1.97	-2.02	1	1	0	900	900	0
1/14/2024 12:38	60305 TWVA_T2	0	0	0	0	0	0	2.64	1.24	0	0	0	0	0	0
1/14/2024 12:38	40201 BEGA_T2	4	111	107	1.4	8.71	7.31	0	0	0	0	0	0	0	0
1/14/2024 12:45	52401 GRPA_T2	2	0	-2	0.15	0	-0.15	0	0	0	0	0	0	0	0
1/14/2024 12:46	52401 GRPA_T2	2	0	-2	0.15	0	-0.15	0	0	0	0	0	0	0	0
1/14/2024 12:46	39601 LNFD_T1	0	15	15	0	0.46	0.46	0	0	1	1	0	900	900	0
1/14/2024 12:50	59101 WALK_T2	2	0	-2	0.75	0	-0.75	1.14	0.86	1	1	0	600	600	0
1/14/2024 12:51	59102 WALK_T2	0	0	0	0	0	0	0	0.04	0	0	0	0	0	0
1/14/2024 12:52	59101 WALK_T2	2	0	-2	0.75	0	-0.75	1.14	0.86	1	1	0	600	600	0
1/14/2024 12:54	65001 NEFF_T2	0	0	0	0	0	0	-1.23	-1.22	1	1	0	1200	1200	0
1/14/2024 13:03	55002 NEWP_T1	1	1	0	2.6	1.9	-0.7	0	0	0	0	0	0	0	0
1/14/2024 13:06	55001 NEWP_T1	0	0	0	0	0	0	-0.37	-0.38	1	1	0	600	600	0
1/14/2024 13:10	65004 NEFF_T2	0	1	1	0	0.1	0.1	0	0	0	0	0	0	0	0
1/14/2024 13:13	14403 SSLA_T1	1	35	34	0.9	3.28	2.38	0.84	0.86	0	0	0	0	0	0
1/14/2024 13:27	54206 PENN_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1/14/2024 13:35	16603 PONO_T2	0	0	0	0	0	0	0.26	0.3	1	1	0	1200	1200	0
1/14/2024 13:38	16302 ALPA_T2	0	1	1	0	0.4	0.4	-0.8	-0.8	0	0	0	0	0	0
1/14/2024 13:38	59101 WALK_T2	0	1	1	0	0.7	0.7	0.87	0.84	1	1	0	600	600	0
1/14/2024 13:39	16302 ALPA_T2	0	1	1	0	0.4	0.4	-0.8	-0.85	0	0	0	0	0	0
1/14/2024 13:41	16302 ALPA_T2	0	1	1	0	0.4	0.4	-0.8	-0.85	0	0	0	0	0	0
1/14/2024 13:45	54205 PENN_T1	58	92	34	0.17	0.19	0.02	0	0	0	0	0	0	0	0
1/14/2024 13:49	14401 SSLA_T1	0	1	1	0	0.1	0.1	0	0	0	0	0	0	0	0
1/14/2024 13:49	56803 BENV_T1	0	3	3	0	0.3	0.3	0	0	0	0	0	0	0	0
1/14/2024 13:50	56801 BENV_T1	16	16	0	0.45	0.86	0.41	-1.32	-1.33	2	2	0	1200	1200	0
1/14/2024 13:51	67204 TEHI_T2	1	1	0	0.1	0.2	0.1	-0.17	-0.17	0	0	0	0	0	0
1/14/2024 13:51	67201 TEHI_T2	102	115	13	0.68	0.96	0.28	-0.13	-0.14	0	0	0	0	0	0
1/14/2024 13:51	56801 BENV_T1	16	16	0	0.45	0.86	0.41	-0.66	-0.66	1	1	0	600	600	0
1/14/2024 13:52	56801 BENV_T1	16	16	0	0.45	0.86	0.41	-0.66	-0.66	1	1	0	600	600	0
1/14/2024 13:52	67204 TEHI_T2	1	1	0	0.1	0.2	0.1	-0.17	-0.17	0	0	0	0	0	0
1/14/2024 13:52	41901 REED_T1	13	15	2	1.05	1.05	0	0	0	0	0	0	0	0	0
1/14/2024 13:55	56803 BENV_T1	0	3	3	0	0.3	0.3	0	0	0	0	0	0	0	0
1/14/2024 13:55	59101 WALK_T2	1	1	0	0.4	0.7	0.3	0.88	0.92	1	1	0	600	600	0
1/14/2024 13:56	27302 PARR_T1	0	0	0	0	0	0	0.01	0.01	0	0	0	0	0	0
1/14/2024 14:00	54203 PENN_T1	307	377	70	0.29	0.35	0.06	0	0	0	0	0	0	0	0
1/14/2024 14:00	41801 GOCI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1/14/2024 14:04	54201 PENN_T1	293	327	34	0.53	0.56	0.03	0	0	0	0	0	0	0	0
1/14/2024 14:05	56501 ROCK_T2	112	337	225	0.22	0.34	0.12	-6.98	-7.13	0	0	0	0	0	0
1/14/2024 14:06	56501 ROCK_T2	112	337	225	0.22	0.34	0.12	-6.98	-7.13	0	0	0	0	0	0
1/14/2024 14:06	29401 BELT_T1	0	0	0	0	0	0	0	0	1	1	0	900	900	0
1/14/2024 14:06	42701 AUGU_T1	1	0	-1	0.5	0	-0.5	0	0	1	1	0	600	600	0
1/14/2024 14:07	65004 NEFF_T2	1	1	0	0.3	0.3	0	0	0	0	0	0	0	0	0
1/14/2024 14:07	13704 SCHN_T2	0	0	0	0	0	0	-0.82	-0.81	0	0	0	0	0	0
1/14/2024 14:07	56504 ROCK_T2	0	0	0	0	0	0	-0.01	-0.02	0	0	0	0	0	0
1/14/2024 14:08	41902 REED_T1	2	3	1	0.4	0.4	0	0.92	0.99	0	0	0	0	0	0
1/14/2024 14:08	29401 BELT_T1	0	0	0	0	0	0	0	0	1	1	0	900	900	0
1/14/2024 14:09	59101 WALK_T2	1	1	0	0.7	0.8	0.1	0.92	1.05	1	1	0	600	600	0
1/14/2024 14:09	49804 UNIV_T1	1	1	0	1.3	1	-0.3	0	0	0	0	0	0	0	0
1/14/2024 14:09	42701 AUGU_T1	1	0	-1	0.5	0	-0.5	0	0	1	1	0	600	600	0
1/14/2024 14:10	42701 AUGU_T1	1	0	-1	0.5	0	-0.5	0	0	1	1	0	600	600	0
1/14/2024 14:10	41901 REED_T1	13	11	-2	1.02	0.89	-0.13	0	0	0	0	0	0	0	0
1/14/2024 14:10	29402 BELT_T1	1	1	0	5.5	6.2	0.7	0	0	0	0	0	0	0	0
1/14/2024 14:11	59101 WALK_T2	1	1	0	0.7	0.8	0.1	0.92	1.05	1	1	0	600	600	0
1/14/2024 14:11	13704 SCHN_T2	0	0	0	0	0	0	-0.81	-0.72	0	0	0	0	0	0
1/14/2024 14:12	45502 DERR_T2	0	1	1	0	0	0	0	0	0	0	0	0	0	0
1/14/2024 14:12	29402 BELT_T1	1	1	0	5.5	6.2	0.7	0	0	0	0	0	0	0	0
1/14/2024 14:13	45502 DERR_T2	0	1	1	0	0	0	0	0	0	0	0	0	0	0
1/14/2024 14:16	64402 LAND_T2	1	0	-1	0.1	0	-0.1	-0.66	-0.68	1	1	0	600	600	0
1/14/2024 14:17	56501 ROCK_T2	274	318	44	0.31	0.34	0.03	-2.38	-2.33	0	0	0	0	0	0
1/14/2024 14:17	64401 LAND_T1	0	0	0	0	0	0	-1.05	-1.07	1	1	0	600	600	0
1/14/2024 14:17	60603 NCOL_T2	0	0	0	0	0	0	0.27	0.3	0	0	0	0	0	0
1/14/2024 14:18	60604 NCOL_T2	0	0	0	0	0	0	0.33	0.38	0	0	0	0	0	0
1/14/2024 14:18	64401 LAND_T1	0	0	0	0	0	0	-1.05	-1.07	1	1	0	600	600	0
1/14/2024 14:18	56501 ROCK_T2	274	318	44	0.31	0.34	0.03	-2.38	-2.33	0	0	0	0	0	0
1/14/2024 14:20	64801 MONE_T2	0	0	0	0	0	0	-0.53	0.41	0	0	0	0	0	0
1/14/2024 14:20	40603 PIGR_T1	35	0	-35	2.73	0	-2.73	0.32	0.3	0	0	0	0	0	0
1/14/2024 14:20	51102 CARL_T1	12	3	-9	0.18	0.1	-0.08	0	0	0	0	0	0	0	0
1/14/2024 14:20	56501 ROCK_T2	274	318	44	0.31	0.34	0.03	-2.38	-2.33	0	0	0	0	0	0
1/14/2024 14:20	64101 REFR_T1	1	1	0	0.2	0.4	0.2	0.04	0.05	0	0	0	0	0	0
1/14/2024 14:21	65604 QVIL_T2	0	0	0	0	0	0	0.39	0.43	0	0	0	0	0	0
1/14/2024 14:21	15604 NSTR_T1	1	12	11	0.2	0	-0.2	-0.61	0.17	0	0	0	0	0	0
1/14/2024 14:21	60604 NCOL_T2	0	0	0	0	0	0	0.33	0.38	0	0	0	0	0	0
1/14/2024 14:21	60803 BUCK_T1	0	0	0	0	0	0	-1.15	-1.19	1	1	0	600	600	0
1/14/2024 14:21	56501 ROCK_T2	274	318	44	0.31	0.34	0.03	-4.76	-4.65	0	0	0	0	0	0
1/14/2024 14:22	56501 ROCK_T2	274	318	44	0.31	0.34	0.03	-7.13	-6.98	0	0	0	0	0	0
1/14/2024 14:22	42701 AUGU_T1	0	0	0	0	0	0	0	0	1	1	0	600	600	0
1/14/2024 14:22	56504 ROCK_T2	0	0	0	0	0	0	-0.02	-0.01	0	0	0	0	0	0
1/14/2024 14:22	64101 REFR_T1	1	1	0	0.2	0.4	0.2	0.11	0.14	0	0	0	0	0	0
1/14/2024 14:23	64101 REFR_T1	1	1	0	0.2	0.4	0.2	0.11	0.14	0	0	0	0	0	0
1/14/2024 14:23	65604 QVIL_T2	0	0	0	0	0	0	0.39	0.43	0	0	0	0	0	0
1/14/2024 14:23	60701 BREC_T1	0	0	0	0	0	0	-0.5	-0.5	1	1	0	600	600	0
1/14/2024 14:23	67201 TEHI_T2	112	115	3	0.89	0.81	-0.08	-0.16	-0.16	0	0	0	0	0	0
1/14/2024 14:23	60803 BUCK_T1	0	0	0	0	0	0	-1.15	-1.19	1	1	0	600	600	0
1/14/2024 14:24	60103 COCA_T2	0	0	0	0	0	0	-1.18	-1.07	1	1	0	900	900	0
1/14/2024 14:24	60803 BUCK_T1	0	0	0	0	0	0	-1.19	-0.5	1	1	0	600	600	0
1/14/2024 14:24	42701 AUGU_T1	0	0	0	0	0	0	0	0	1	1	0	600	600	0
1/14/2024 14:24	45501 DERR_T2	0	3	3	0	0.4	0.4	-0.87	-0.88	2	2	0	1800	1800	0
1/14/2024 14:26	65604 QVIL_T2	0	0	0	0	0	0	0.43	0.39	0	0	0	0	0	0
1/14/2024 14:26	41801 GOCI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1/14/2024 14:26	41902 REED_T1	2	10	8	0.25	0.45	0.2	0.99	1.01	0	0	0	0	0	0
1/14/2024 14:26	16302 ALPA_T2	0	1	1	0	0.4	0.4	-0.82	-0.79	0	0	0	0	0	0
1/14/2024 14:27	55001 NEWP_T1	0	0	0	0	0	0	0.13	0.06	0	0	0	0	0	0
1/14/2024 14:28	64204 KINZ_T1	1	1	0	0.2	0.6	0.4	0	0	0	0	0	0	0	0
1/14/2024 14:28	45501 DERR_T2	0	3	3	0	0.4	0.4	-0.87	-0.88	2	2	0	1800	1800	0
1/14/2024 14:29	55105 WERT_T1	0	1	1	0	0	0	-0.5	-0.45	1	1	0	900	900	0
1/14/2024 14:29	55002 NEWP_T1	2	2	0	0.8	0.7	-0.1	-0.07	-0.09	0	0	0	0	0	0
1/14/2024 14:29	61801 EEU_T2	0	18	18	0	0	0	-0.23	-0.21	0	0	0	0	0	0
1/14/2024 14:30	55002 NEWP_T1	2	2	0	0.7	0.25	-0.45	-0.07	-0.09	0	0	0	0	0	0
1/14/2024 14:31	14401 SSLA_T1	0	1	1	0	0	0	0	0	0	0	0	0	0	0
1/14/2024 14:31	55002 NEWP_T1	2	2	0	0.7	0.25	-0.45	-0.14	-0.18	0	0	0	0	0	0
1/14/2024 14:32	64402 LAND_T2	0	0	0	0	0	0	-0.68	-0.68	1	1	0	600	600	0
1/14/2024 14:33	16302 ALPA_T2	1	1	0	0.4	0.2	-0.2	-0.82	-0.79	0	0	0	0	0	0
1/14/2024 14:33	14702 TREX_T2	0	0	0	0	0	0	0.64	0.64	0	0	0	0	0	0
1/14/2024 14:34	29401 BELT_T1	0	0	0	0	0	0	0	0	1	1	0	900	900	0
1/14/2024 14:34	61102 BERK_T5	0	6	6	0	2.72	2.72	0.3	0.38	1	1	0	300	300	0
1/14/2024 14:34	42701 AUGU_T1	0	1	1	0	0.3	0.3	0	0	1	1	0	600	600	0
1/14/2024 14:35	51107 CARL_T1	0	0	0	0	0	0	-0.51	-0.54	0	0	0	0	0	0
1/14/2024 14:35	42701 AUGU_T1	0	1	1	0	0.3	0.3	0	0	1	1	0	600	600	0
1/14/2024 14:35	46203 DANV_T2	2	0	-2	0.1	0	-0.1	-1.11	-1.07	0	0	0	0	0	0
1/14/2024 14:35	16302 ALPA_T2	1	1	0	0.4	0.2	-0.2	-0.82	-0.79	0	0	0	0	0	0
1/14/2024 14:36	16302 ALPA_T2	1	1	0	0.4	0.2	-0.2	-0.82	-0.79	0	0	0	0	0	0
1/14/2024 14:36	29402 BELT_T1	1	2	1	6.2	5.9	-0.3	0	0	0	0	0	0	0	0
1/14/2024 14:37	16302 ALPA_T2	1	1	0	0.4	0.2	-0.2	-0.82	-0.79	0	0	0	0	0	0
1/14/2024 14:37	61303 EARL_T1	0	0	0	0	0	0	-0.25	-0.28	0	0	0	0	0	0
1/14/2024 14:37	42701 AUGU_T1	0	1	1	0	0.3	0.3	0	0	1	1	0	600	600	0
1/14/2024 14:38	29402 BELT_T1	1	2	1	6.2	5.9	-0.3	0	0	0	0	0	0	0	0
1/14/2024 14:38	61303 EARL_T1	0	0	0	0	0	0	-0.13	-0.14	0	0	0	0	0	0
1/14/2024 14:38	29401 BELT_T1	0	0	0	0	0	0	0	0	1	1	0	900	900	0
1/14/2024 14:38	51108 CARL_T1	1	1	0	0.3	0.3	0	0	0	0	0	0	0	0	0
1/14/2024 14:39	60103 COCA_T2	0	0	0	0	0	0	-1.07	-1.16	1	1	0	900	900	0
1/14/2024 14:39	61801 EEU_T2	0	0	0	0	0	0	-0.21	-0.2	0	0	0	0	0	0
1/14/2024 14:39	61303 EARL_T1	0	0	0	0	0	0	-0.14	-0.11	0	0	0	0	0	0
1/14/2024 14:40	42903 MIDD_T2	41	54	13	0.45	2.17	1.72	0	-0.13	0	0	0	0	0	0
1/14/2024 14:40	55001 NEWP_T1	0	0	0	0	0	0	0.06	0.06	0	0	0	0	0	0
1/14/2024 14:41	42903 MIDD_T2	41	54	13	0.45	2.17	1.72	0	-0.13	0	0	0	0	0	0
1/14/2024 14:42	42903 MIDD_T2	41	54	13	0.45	2.17	1.72	0	-0.13	0	0	0	0	0	0
1/14/2024 14:42	26803 JAFR_T1	0	0	0	0	0	0	-0.11	-0.13	1	1	0	900	900	0
1/14/2024 14:42	41801 GOCI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1/14/2024 14:43	63203 MGTN_T1	0	0	0	0	0	0	-0.22	-0.22	1	1	0	600	600	0
1/14/2024 14:43	65001 NEFF_T2	1	1	0	0.1	0.1	0	-1.32	-1.29	1	1	0	1200	1200	0
1/14/2024 14:43	52101 MEIS_T1	1	1	0	0.3	0.4	0.1	0	0	0	0	0	0	0	0
1/14/2024 14:44	64204 KINZ_T1	0	1	1	0	0.6	0.6	0	0	0	0	0	0	0	0
1/14/2024 14:44	43202 MVIL_T2	0	0	0	0	0	0	-0.56	-0.58	0	0	0	0	0	0
1/14/2024 14:44	41902 REED_T1	2	11	9	0.45	0.38	-0.07	2.01	1.96	0	0	0	0	0	0
1/14/2024 14:44	60604 NCOL_T2	0	0	0	0	0	0	0.3	0.3	0	0	0	0	0	0
1/14/2024 14:44	59403 RFLD_T2	0	0	0	0	0	0	-0.79	-0.76	1	1	0	450	450	0
1/14/2024 14:45	54205 PENN_T1	105	113	8	0.18	0.26	0.08	0	0	0	0	0	0	0	0
1/14/2024 14:45	60604 NCOL_T2	0	0	0	0	0	0	0.3	0.3	0	0	0	0	0	0
1/14/2024 14:45	64101 REFR_T1	1	1	0	0.1	1.4	1.3	0.05	0.02	0	0	0	0	0	0
1/14/2024 14:47	59402 RFLD_T2	0	0	0	0	0	0	-0.79	-0.76	1	1	0	450	450	0
1/14/2024 14:47	14402 SSLA_T1	1	0	-1	0.2	0	-0.2	0	0	0	0	0	0	0	0
1/14/2024 14:48	59101 WALK_T2	2	1	-1	0.55	0	-0.55	1.92	1.55	2	2	0	1200	1200	0
1/14/2024 14:48	59402 RFLD_T2	0	0	0	0	0	0	-0.79	-0.76	1	1	0	450	450	0
1/14/2024 14:48	67402 WAKE_T2	0	0	0	0	0	0	-0.32	-0.33	1	1	0	600	600	0
1/14/2024 14:48	56501 ROCK_T2	207	304	97	0.26	0.33	0.07	0	0	0	0	0	0	0	0
1/14/2024 14:48	41902 REED_T1	10	6	-4	0.99	0.3	-0.69	1.01	0.98	0	0	0	0	0	0
1/14/2024 14:48	14402 SSLA_T1	1	0	-1	0.2	0	-0.2	0	0	0	0	0	0	0	0
1/14/2024 14:49	59402 RFLD_T2	0	0	0	0	0	0	-0.79	-0.76	1	1	0	450	450	0
1/14/2024 14:49	67402 WAKE_T2	0	0	0	0	0	0	-0.32	-0.33	1	1	0	600	600	0
1/14/2024 14:49	56501 ROCK_T2	207	304	97	0.26	0.33	0.07	0	0	0	0	0	0	0	0
1/14/2024 14:49	56802 BENV_T2	1	1	0	0.4	0.5	0.1	-1.21	-1.34	0	0	0	0	0	0
1/14/2024 14:50	55002 NEWP_T1	1	2	1	0.3	0.15	-0.15	-0.09	-0.12	0	0	0	0	0	0
1/14/2024 14:50	65604 QVIL_T2	0	0	0	0	0	0	0.39	0.38	0	0	0	0	0	0
1/14/2024 14:50	56803 BENV_T1	1	0	-1	0.2	0	-0.2	0	0	0	0	0	0	0	0
1/14/2024 14:50	43202 MVIL_T2	0	0	0	0	0	0	-0.56	-0.58	0	0	0	0	0	0

1/14/2024 15:19	52401 GRPA_T2	0	1	1	0	1.3	1.3	0	0	0	0	0	0	0	0
1/14/2024 15:19	67402 WAKE_T2	0	0	0	0	0	0	-0.33	-0.32	1	1	0	600	600	0
1/14/2024 15:19	14401 SSLA_T1	0	6	6	0	0	0	0	0	0	0	0	0	0	0
1/14/2024 15:19	56501 ROCK_T2	228	101	-127	0.28	0.16	-0.12	-2.29	-2.32	0	0	0	0	0	0
1/14/2024 15:20	52401 GRPA_T2	0	1	1	0	1.3	1.3	0	0	0	0	0	0	0	0
1/14/2024 15:20	45501 DERR_T2	2	2	0	3.45	1.4	-2.05	-0.83	-0.74	2	2	0	1800	1800	0
1/14/2024 15:21	45502 DERR_T2	0	1	1	0	0	0	0	0	0	0	0	0	0	0
1/14/2024 15:21	61306 EARL_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1/14/2024 15:22	61306 EARL_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1/14/2024 15:22	67605 WARW_T1	0	0	0	0	0	0	-1.17	-1.15	0	0	0	0	0	0
1/14/2024 15:22	52402 GRPA_T2	4	7	3	0.95	0.92	-0.03	0	0	0	0	0	0	0	0
1/14/2024 15:22	45501 DERR_T2	2	2	0	3.45	1.4	-2.05	-1.66	-1.49	4	4	0	3600	3600	0
1/14/2024 15:22	52402 GRPA_T2	4	7	3	0.95	0.92	-0.03	0	0	0	0	0	0	0	0
1/14/2024 15:24	67402 WAKE_T2	0	0	0	0	0	0	-0.32	-0.29	1	1	0	600	600	0
1/14/2024 15:28	47401 PENS_T1	0	0	0	0	0	0	1.54	1.38	0	0	0	0	0	0
1/14/2024 15:29	12701 MACU_T1	0	0	0	0	0	0	-1.06	-1.01	1	1	0	1200	1200	0
1/14/2024 15:30	12701 MACU_T1	0	0	0	0	0	0	-1.06	-1.01	1	1	0	1200	1200	0
1/14/2024 15:30	47401 PENS_T1	0	0	0	0	0	0	1.54	1.38	0	0	0	0	0	0
1/14/2024 15:31	47401 PENS_T1	0	0	0	0	0	0	2.31	2.07	0	0	0	0	0	0
1/14/2024 15:32	47401 PENS_T1	0	0	0	0	0	0	0.77	0.69	0	0	0	0	0	0
1/14/2024 15:32	64101 REFR_T1	1	0	-1	0.1	0	-0.1	0.04	0.09	0	0	0	0	0	0
1/14/2024 15:33	47401 PENS_T1	0	0	0	0	0	0	0.77	0.69	0	0	0	0	0	0
1/14/2024 15:34	67702 WERN_T2	0	0	0	0	0	0	-0.1	-0.1	0	0	0	0	0	0
1/14/2024 15:34	29402 BELT_T1	1	1	0	5.6	5.5	-0.1	0	0	0	0	0	0	0	0
1/14/2024 15:35	67402 WAKE_T2	0	0	0	0	0	0	-0.32	-0.29	1	1	0	600	600	0
1/14/2024 15:35	67702 WERN_T2	0	0	0	0	0	0	-0.05	-0.05	0	0	0	0	0	0
1/14/2024 15:40	67402 WAKE_T2	0	0	0	0	0	0	-0.29	-0.33	1	1	0	600	600	0
1/14/2024 15:47	65001 NEFF_T2	0	0	0	0	0	0	-1.31	-1.3	1	1	0	1200	1200	0
1/14/2024 15:49	66505 SMAN_T2	0	1	1	0	0	0	-0.43	-0.45	2	2	0	1100	1100	0
1/14/2024 15:50	67402 WAKE_T2	0	0	0	0	0	0	-0.29	-0.33	1	1	0	600	600	0
1/14/2024 15:50	67702 WERN_T2	0	0	0	0	0	0	-0.05	-0.05	0	0	0	0	0	0
1/14/2024 15:50	56801 BENV_T1	8	4	-4	0.95	0.38	-0.57	-1.95	-1.86	3	3	0	1800	1800	0
1/14/2024 15:51	56801 BENV_T1	8	4	-4	0.95	0.38	-0.57	-0.65	-0.62	1	1	0	600	600	0
1/14/2024 15:51	55001 NEWP_T1	0	0	0	0	0	0	0.06	0.06	0	0	0	0	0	0
1/14/2024 15:52	56801 BENV_T1	8	4	-4	0.95	0.38	-0.57	-2.6	-2.48	4	4	0	2400	2400	0
1/14/2024 15:53	56801 BENV_T1	8	4	-4	0.95	0.38	-0.57	-0.65	-0.62	1	1	0	600	600	0
1/14/2024 15:54	56802 BENV_T2	0	0	0	0	0	0	-1.4	-1.3	0	0	0	0	0	0
1/14/2024 15:54	63403 HONY_T2	0	0	0	0	0	0	0.01	-0.61	0	1	1	0	600	600
1/14/2024 15:55	56801 BENV_T1	8	4	-4	0.95	0.38	-0.57	-0.62	-0.64	1	1	0	600	600	0
1/14/2024 15:56	67402 WAKE_T2	0	0	0	0	0	0	-0.33	-0.35	1	1	0	600	600	0
1/14/2024 15:57	12704 MACU_T1	0	1	1	0	0	0	0	0	0	0	0	0	0	0
1/14/2024 15:59	40902 JESH_T1	0	0	0	0	0	0	-0.65	-0.75	0	0	0	0	0	0
1/14/2024 16:00	52404 GRPA_T2	2	2	0	0.45	0	-0.45	0	0	0	0	0	0	0	0
1/14/2024 16:00	48303 ORWI_T2	0	10	10	0	0	0	0	0	0	0	0	0	0	0
1/14/2024 16:01	12701 MACU_T1	0	0	0	0	0	0	-1.03	-1.02	1	1	0	1200	1200	0
1/14/2024 16:03	51402 LYKE_T1	2	0	-2	0.1	0	-0.1	0	0	0	0	0	0	0	0
1/14/2024 16:08	20402 ASHF_T2	0	1	1	0	0	0	0	0	0	0	0	0	0	0
1/14/2024 16:19	45302 WBER_T2	8	38	30	0.51	0.46	-0.05	0.92	0.91	0	0	0	0	0	0
1/14/2024 16:21	45302 WBER_T2	8	38	30	0.51	0.46	-0.05	0.92	0.91	0	0	0	0	0	0
1/14/2024 16:26	53901 HALI_T2	1	2	1	1	0.6	-0.4	0	0	0	0	0	0	0	0
1/14/2024 16:26	23203 HIRU_T2	0	0	0	0	0	0	0.1	0.18	0	0	0	0	0	0
1/14/2024 16:27	53901 HALI_T2	1	2	1	1	0.6	-0.4	0	0	0	0	0	0	0	0
1/14/2024 16:32	40502 CRES_T2	4	1	-3	0.18	0.1	-0.08	-0.61	-0.58	0	0	0	0	0	0
1/14/2024 16:34	40502 CRES_T2	4	1	-3	0.18	0.1	-0.08	-1.21	-1.15	0	0	0	0	0	0
1/14/2024 16:35	42903 MIDD_T2	2	2	0	0.95	0.3	-0.65	0	0	0	0	0	0	0	0
1/14/2024 16:37	42902 MIDD_T2	8	19	11	0.26	0.37	0.11	-0.6	-0.59	0	0	0	0	0	0
1/14/2024 16:38	52403 GRPA_T2	69	193	124	0.51	1.09	0.58	0.13	0.12	0	0	0	0	0	0
1/14/2024 16:39	42903 MIDD_T2	2	2	0	0.95	0.3	-0.65	0	0	0	0	0	0	0	0
1/14/2024 16:39	52404 GRPA_T2	0	24	24	0	0.46	0.46	0	0	0	0	0	0	0	0
1/14/2024 16:40	42902 MIDD_T2	8	19	11	0.26	0.37	0.11	-0.59	-0.57	0	0	0	0	0	0
1/14/2024 16:41	52403 GRPA_T2	69	193	124	0.51	1.09	0.58	0.12	0.13	0	0	0	0	0	0
1/14/2024 16:50	48302 ORWI_T2	0	5	5	0	0.28	0.28	-0.52	-0.45	0	0	0	0	0	0
1/14/2024 16:52	43202 MVIL_T2	0	0	0	0	0	0	-0.53	-0.53	0	0	0	0	0	0
1/14/2024 16:56	43202 MVIL_T2	0	0	0	0	0	0	-0.53	-0.53	0	0	0	0	0	0
1/14/2024 16:58	55002 NEWP_T1	0	0	0	0	0	0	-0.09	-0.07	0	0	0	0	0	0
1/14/2024 17:04	41801 GOCI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1/14/2024 17:06	46801 HEPB_T2	0	2	2	0	0.6	0.6	0.77	-0.21	0	0	0	0	0	0
1/14/2024 17:06	65001 NEFF_T2	0	0	0	0	0	0	-1.19	-1.28	1	1	0	1200	1200	0
1/14/2024 17:12	48302 ORWI_T2	5	7	2	0.28	0.3	0.02	-0.4	-0.36	0	0	0	0	0	0
1/14/2024 17:53	65001 NEFF_T2	0	0	0	0	0	0	-1.15	-1.23	1	1	0	1200	1200	0
1/14/2024 18:01	46206 DANV_T2	2	2	0	0.4	0	-0.4	0	0	0	0	0	0	0	0
1/14/2024 18:04	46206 DANV_T2	2	2	0	0.4	0	-0.4	0	0	0	0	0	0	0	0
1/14/2024 18:08	59402 RFLD_T2	0	0	0	0	0	0	-0.74	-0.72	1	1	0	450	450	0
1/14/2024 18:24	58401 MORO_T1	0	1	1	0	0	0	-0.77	-0.78	1	1	0	600	600	0
1/14/2024 18:25	65001 NEFF_T2	0	0	0	0	0	0	-1.23	-1.24	1	1	0	1200	1200	0
1/14/2024 18:27	58402 MORO_T1	1	0	-1	0.5	0	-0.5	0	0	0	0	0	0	0	0
1/14/2024 18:28	14401 SSLA_T1	10	0	-10	0.52	0	-0.52	0	0	0	0	0	0	0	0
1/14/2024 18:30	43402 BENT_T1	0	0	0	0	0	0	-1.47	-1.48	1	2	1	600	1500	900
1/14/2024 18:33	11104 EGYP_T1	0	2	2	0	0.25	0.25	-0.48	-0.6	2	2	0	1800	1800	0
1/14/2024 18:34	11104 EGYP_T1	0	2	2	0	0.25	0.25	-0.24	-0.3	1	1	0	900	900	0
1/14/2024 18:51	44903 SCOT_T1	0	0	0	0	0	0	-0.02	-0.02	0	0	0	0	0	0
1/14/2024 18:56	61306 EARL_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1/14/2024 18:58	67702 WERN_T2	0	0	0	0	0	0	-0.01	-0.01	0	0	0	0	0	0
1/14/2024 18:59	28702 HAML_T2	13	0	-13	0.55	0	-0.55	-1.25	-1.32	0	0	0	0	0	0
1/14/2024 19:00	16402 MOPO_T1	19	37	18	0.38	0.42	0.04	0.03	0.07	0	0	0	0	0	0
1/14/2024 19:00	29402 BELT_T1	6	19	13	1.52	1.68	0.16	0	0	0	0	0	0	0	0
1/14/2024 19:00	11104 EGYP_T1	0	0	0	0	0	0	-0.31	-0.32	1	1	0	900	900	0
1/14/2024 19:01	27102 GFLD_T2	2	0	-2	0.55	0	-0.55	0	0	0	0	0	0	0	0
1/14/2024 19:01	61303 EARL_T1	0	0	0	0	0	0	-0.04	-0.07	0	0	0	0	0	0
1/14/2024 19:02	24902 WHHA_T1	1	1	0	1.4	1.4	0	0.33	0.33	0	0	0	0	0	0
1/14/2024 19:02	29401 BELT_T1	0	0	0	0	0	0	0	0	1	1	0	900	900	0
1/14/2024 19:02	44901 SCOT_T2	0	0	0	0	0	0	-1.32	-1.28	0	0	0	0	0	0
1/14/2024 19:02	40301 TAMA_T3	1	2	1	0	0	0	0	0	0	0	0	0	0	0
1/14/2024 19:02	43402 BENT_T1	0	1	1	0	0	0	-1.44	-1.43	2	2	0	1500	1500	0
1/14/2024 19:02	45302 WBER_T2	8	11	3	0.31	0.3	-0.01	0.75	0.74	0	0	0	0	0	0
1/14/2024 19:02	46903 MNTG_T2	0	0	0	0	0	0	-0.14	-0.15	1	1	0	600	600	0
1/14/2024 19:02	16402 MOPO_T1	19	37	18	0.38	0.42	0.04	0.03	0.07	0	0	0	0	0	0
1/14/2024 19:03	46203 DANV_T2	0	2	2	0	0	0	0	0	0	0	0	0	0	0
1/14/2024 19:03	44201 POIN_T1	0	0	0	0	0	0	-2.51	-2.72	2	2	0	1800	1800	0
1/14/2024 19:03	63403 HONY_T2	0	0	0	0	0	0	-1.01	-1	1	1	0	600	600	0
1/14/2024 19:03	47401 PENS_T1	0	0	0	0	0	0	0.84	0.81	0	0	0	0	0	0
1/14/2024 19:03	44903 SCOT_T1	0	1	1	0	0	0	-0.02	-0.02	0	0	0	0	0	0
1/14/2024 19:03	13503 MCMI_T2	299	262	-37	1.22	1.11	-0.11	0.56	0.54	0	0	0	0	0	0
1/14/2024 19:04	40101 HUNT_T2	263	366	103	0.84	0.95	0.11	-1.09	-1.04	0	0	0	0	0	0
1/14/2024 19:04	42503 ALTA_T2	0	0	0	0	0	0	-0.48	-0.49	0	0	0	0	0	0
1/14/2024 19:04	29402 BELT_T1	6	19	13	1.52	1.68	0.16	0	0	0	0	0	0	0	0
1/14/2024 19:04	16302 ALPA_T2	0	0	0	0	0	0	-2.01	-2.01	0	0	0	0	0	0
1/14/2024 19:04	27503 WEIS_T2	0	1	1	0	0	0	0	0	0	0	0	0	0	0
1/14/2024 19:04	66505 SMAN_T2	2	3	1	0.2	0.2	0	-0.44	-0.39	2	2	0	1100	1100	0
1/14/2024 19:04	39601 LNFD_T1	33	38	5	0.73	1.65	0.92	0	0	1	1	0	900	900	0
1/14/2024 19:04	53901 HALI_T2	0	3	3	0	0.3	0.3	0	0	0	0	0	0	0	0
1/14/2024 19:04	52403 GRPA_T2	187	197	10	1.2	1.84	0.64	0	0	0	0	0	0	0	0
1/14/2024 19:04	23203 HIRU_T2	0	0	0	0	0	0	0.11	0.11	0	0	0	0	0	0
1/14/2024 19:04	42903 MIDD_T2	2	2	0	1.45	1.45	0	0	0	0	0	0	0	0	0
1/14/2024 19:04	56803 BENV_T1	0	3	3	0	0	0	0	0	0	0	0	0	0	0
1/14/2024 19:04	46302 ROHR_T1	2	5	3	0.7	0.78	0.08	0.34	0.33	0	0	0	0	0	0
1/14/2024 19:04	44903 SCOT_T1	0	1	1	0	0	0	-0.04	-0.04	0	0	0	0	0	0
1/14/2024 19:04	59101 WALK_T2	0	1	1	0	0	0	0.83	0.83	2	2	0	1050	1050	0
1/14/2024 19:04	44901 SCOT_T2	0	0	0	0	0	0	-1.32	-1.28	0	0	0	0	0	0
1/14/2024 19:04	47401 PENS_T1	0	0	0	0	0	0	0.84	0.81	0	0	0	0	0	0
1/14/2024 19:04	44601 SALE_T2	0	0	0	0	0	0	-0.05	-0.07	0	0	0	0	0	0
1/14/2024 19:04	26803 JAFR_T1	0	1	1	0	0.2	0.2	-0.13	-0.1	1	1	0	900	900	0
1/14/2024 19:04	42201 SHEN_T2	0	0	0	0	0	0	-0.18	-0.14	1	1	0	600	600	0
1/14/2024 19:05	46302 ROHR_T1	2	5	3	0.7	0.78	0.08	0	0	0	0	0	0	0	0
1/14/2024 19:05	56501 ROCK_T2	160	145	-15	0.21	0.18	-0.03	-2.15	-2.12	0	0	0	0	0	0
1/14/2024 19:05	11104 EGYP_T1	0	0	0	0	0	0	-0.31	-0.32	1	1	0	900	900	0
1/14/2024 19:05	49804 UNIV_T1	1	7	6	0.9	1.7	0.8	0	0	0	0	0	0	0	0
1/14/2024 19:05	13704 SCHN_T2	0	0	0	0	0	0	-0.64	-0.66	0	0	0	0	0	0
1/14/2024 19:05	14401 SSLA_T1	10	10	0	0.74	0.17	-0.57	0	0	0	0	0	0	0	0
1/14/2024 19:05	65604 QVIL_T2	0	0	0	0	0	0	0.54	0.52	0	0	0	0	0	0
1/14/2024 19:05	59101 WALK_T2	0	1	1	0	0	0	0.83	0.83	2	2	0	1050	1050	0
1/14/2024 19:05	67103 SPRI_T1	0	0	0	0	0	0	-0.1	-0.15	0	0	0	0	0	0
1/14/2024 19:05	57401 SPAN_T1	0	0	0	0	0	0	-1.08	-1.16	1	1	0	600	600	0
1/14/2024 19:06	59202 THOM_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1/14/2024 19:06	55002 NEWP_T1	0	0	0	0	0	0	-0.06	-0.03	0	0	0	0	0	0
1/14/2024 19:06	20402 ASHF_T2	4	5	1	0.58	0.6	0.02	0	0	0	0	0	0	0	0
1/14/2024 19:06	42902 MIDD_T2	79	83	4	0.48	0.22	-0.26	0	0	0	0	0	0	0	0
1/14/2024 19:06	52404 GRPA_T2	12	7	-5	0.37	0.2	-0.17	-0.06	-0.07	0	0	0	0	0	0
1/14/2024 19:06	56801 BENV_T1	9	13	4	0.24	0.48	0.24	-1.05	-1.05	2	2	0	1200	1200	0
1/14/2024 19:06	67503 WEWI_T2	0	0	0	0	0	0	-0.7	-0.73	0	0	0	0	0	0
1/14/2024 19:06	53501 EVIL_T2	7	3	-4	0.37	0.37	0	-0.52	-0.5	0	0	0	0	0	0
1/14/2024 19:06	60501 NMAN_T2	3	3	0	5.07	5.27	0.2	0	0	0	0	0	0	0	0
1/14/2024 19:06	16302 ALPA_T2	0	0	0	0	0	0	-0.67	-0.67	0	0	0	0	0	0
1/14/2024 19:06	13503 MCMI_T2	299	262	-37	1.22	1.11	-0.11	1.13	1.07	0	0	0	0	0	0
1/14/2024 19:06	64204 KINZ_T1	0	1	1	0	0.7	0.7	0	0	0	0	0	0	0	0
1/14/2024 19:06	45501 DERR_T2	0	0	0	0	0	0	-0.58	-0.46	2	2	0	1800	1800	0
1/14/2024 19:06	67103 SPRI_T1	0	0	0	0	0	0	-0.1	-0.15	0	0	0	0	0	0
1/14/2024 19:07	65604 QVIL_T2	0	0	0	0	0	0	0.54	0.52	0	0	0	0	0	0
1/14/2024 19:07	45501 DERR_T2	0	0	0	0	0	0	-0.58	-0.46	2	2	0	1800	1800	0
1/14/2024 19:07	61303 EARL_T1	0	0	0	0	0	0	-0.04	-0.07	0	0	0	0	0	0
1/14/2024 19:07	46204 DANV_T2	27	93	66	0.42	0.76	0.34	0	0	0	0	0	0	0	0
1/14/2024 19:07	61303 EARL_T1	0	0	0	0	0	0	-0.04	-0.07	0	0	0	0	0	0
1/14/2024 19:07	60604 NCOL_T2	0	0	0	0	0	0	0.25	0.34	0	0	0	0	0	0
1/14/2024 19:07	49803 UNIV_T1	1	2	1	0.1	0	-0.1	-0.86	-0.85	0	0	0	0	0	0
1/14/2024 19:07	67204 TEHI_T2	0	0	0	0	0	0	-0.11	-0.09	0	0	0	0	0	0
1/14/2024 19:07	52101 MEIS_T1	1	0	-1	0.1	0	-0.1	0	0	0	0	0	0	0	0
1/14/2024 19:07	43402 BENT_T1	0	1	1	0	0	0	-1.44	-1.43	2	2	0	1500	1500	0
1/14/2024 19:07	51401 LYKE_T1	0	0	0	0	0	0	0.32	0.34	0	0	0	0	0	0
1/14/2024 19:07	47401 PENS_T1	0	0	0	0	0	0	0.84	0.81	0	0	0	0	0	0
1/14/2024 19:07	42902 MIDD_T2	79	83	4	0.48	0.22	-0.26	-0.57	-0.56	0	0	0	0	0	0
1/14/2024 19:07	65901 SAKR_T2	1	1	0	8.4	8.5	0.1	-1.66	-1.72	2	2	0	1500	1500	0
1/14/2024 19:07	56801 BENV_T1	9	13	4	0.24	0.48	0.24	-1.05	-1.05	2	2	0	1200	1200	0
1/14/2024 19:07	59402 RFLD_T2	0	0	0	0	0	0	-0.75	-0.75	1	1	0	450	450	0
1/14/2024 19:07	46903 MNTG_T2	0	0	0	0	0	0	-0.14	-0.15	1	1	0	600	600	0
1/14/2024 19:08	52402 GRPA_T2	11	8	-3	1.01	0.7	-0.31	0	0	0	0	0	0	0	0
1/14/2024 19:08	53901 HALI_T2	0	3	3	0	0.3	0.3	0	0	0	0	0	0	0	0
1/14/2024 19:08	40502 CRES_T2	14	15	1	0.31	0.29	-0.02	-0.4	-0.47	0	0	0	0	0	0
1/14/2024 19:08	48302 ORWI_T2	2	7	5	0.4	0.35	-0.05	-0.41	-0.44	0	0	0	0	0	0
1/14/2024 19:08	41602 CLEV_T1	0	9	9	0	0.28	0.28	0	0	0	0	0	0	0	0
1/14/2024 19:08	46203 DANV_T2	0	2	2	0	0	0	-0.83	-1.67	0	0	0	0	0	0
1/14/2024 19:08	43402 BENT_T1	0	1	1	0	0	0	-1.43	-1.42	2	2	0	1500	1500	0
1/14/2024 19:08	45501 DERR_T2	0	0	0	0	0	0	-0.46	-0.52	2	2	0	1800	1800	0
1/14/2024 19:08	59202 THOM_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1/14/2024 19:08	56802 BENV_T2	0	0	0	0	0	0	-5.04	-5.04	0	0	0	0	0	0
1/14/2024 19:08	66505 SMAN_T2	2	3	1	0.2	0.2	0	-0.44	-0.39	2	2	0	1100	1100	0
1/14/2024 19:08	67204 TEHI_T2	0	0	0	0	0	0	-0.11	-0.09	0	0	0	0	0	0
1/14/2024 19:09	56501 ROCK_T2	160	145	-15	0.21	0.18	-0.03	-2.12	-2.15	0	0	0	0	0	0
1/14/2024 19:09	56802 BENV_T2	0	0	0	0	0	0	-1.26	-1.27	0	0	0	0	0	0
1/14/2024 19:09	46203 DANV_T2	0

1/14/2024 19:11	43402 BENT_T1	0	1	1	0	0	0	-1.43	-1.42	2	2	0	1500	1500	0
1/14/2024 19:11	45702 LIND_T2	0	1	1	0	0	0	-0.26	-0.27	0	0	0	0	0	0
1/14/2024 19:11	57404 SPAN_T2	0	0	0	0	0	0	-0.46	-0.46	1	1	0	1200	1200	0
1/14/2024 19:11	44201 POIN_T1	0	0	0	0	0	0	-1.36	-1.32	1	1	0	900	900	0
1/14/2024 19:11	66505 SMAN_T2	2	3	1	0.2	0.2	0	0	0	0	0	0	0	0	0
1/14/2024 19:11	53501 EVIL_T2	7	3	-4	0.37	0.37	0	-0.5	-0.52	0	0	0	0	0	0
1/14/2024 19:11	57401 SPAN_T1	0	0	0	0	0	0	-2.32	-2.24	2	2	0	1200	1200	0
1/14/2024 19:11	42903 MIDD_T2	2	2	0	1.45	1.45	0	0	0	0	0	0	0	0	0
1/14/2024 19:11	45501 DERR_T2	0	0	0	0	0	0	-0.46	-0.52	2	2	0	1800	1800	0
1/14/2024 19:11	46302 ROHR_T1	2	5	3	0.7	0.78	0.08	0.33	0.31	0	0	0	0	0	0
1/14/2024 19:11	43202 MVIL_T2	0	0	0	0	0	0	-0.52	-0.52	0	0	0	0	0	0
1/14/2024 19:12	60104 COCA_T2	4	4	0	0.4	0.28	-0.12	0	0	0	0	0	0	0	0
1/14/2024 19:12	46203 DANV_T2	0	2	2	0	0	0	-0.83	-1.67	0	0	0	0	0	0
1/14/2024 19:12	46204 DANV_T2	27	93	66	0.42	0.76	0.34	0	0	0	0	0	0	0	0
1/14/2024 19:12	56501 ROCK_T2	160	145	-15	0.21	0.18	-0.03	-2.12	-2.15	0	0	0	0	0	0
1/14/2024 19:12	52004 LING_T2	1	1	0	1.1	1.2	0.1	0	0	0	0	0	0	0	0
1/14/2024 19:12	44201 POIN_T1	0	0	0	0	0	0	-1.36	-1.32	1	1	0	900	900	0
1/14/2024 19:12	44302 BEAV_T2	44	16	-28	0.24	0.18	-0.06	0	0	0	0	0	0	0	0
1/14/2024 19:12	41602 CLEV_T1	0	9	9	0	0.28	0.28	0	0	0	0	0	0	0	0
1/14/2024 19:12	40101 HUNT_T2	263	366	103	0.84	0.95	0.11	-0.35	-0.37	0	0	0	0	0	0
1/14/2024 19:12	56802 BENV_T2	0	0	0	0	0	0	-3.78	-3.81	0	0	0	0	0	0
1/14/2024 19:12	56801 BENV_T1	9	13	4	0.24	0.48	0.24	-2.1	-2.04	4	4	0	2400	2400	0
1/14/2024 19:12	66701 STRA_T1	0	5	5	0	0	0	0	0	0	0	0	0	0	0
1/14/2024 19:12	46903 MNTG_T2	0	0	0	0	0	0	-0.15	-0.16	1	1	0	600	600	0
1/14/2024 19:12	55001 NEWP_T1	1	1	0	0.9	0.4	-0.5	-0.52	-0.52	1	1	0	600	600	0
1/14/2024 19:12	43202 MVIL_T2	0	0	0	0	0	0	-0.52	-0.52	0	0	0	0	0	0
1/14/2024 19:12	29401 BELT_T1	0	0	0	0	0	0	0	0	1	1	0	900	900	0
1/14/2024 19:12	47401 PENS_T1	0	0	0	0	0	0	2.44	2.2	0	0	0	0	0	0
1/14/2024 19:12	41801 GOCI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1/14/2024 19:12	53903 HAU_T2	2	2	0	0.6	0.55	-0.05	0	0	0	0	0	0	0	0
1/14/2024 19:13	64101 REFR_T1	0	0	0	0	0	0	0.09	0.09	0	0	0	0	0	0
1/14/2024 19:13	42903 MIDD_T2	2	2	0	1.45	1.45	0	-0.04	-0.15	0	0	0	0	0	0
1/14/2024 19:13	44201 POIN_T1	0	0	0	0	0	0	-1.36	-1.32	1	1	0	900	900	0
1/14/2024 19:13	63401 HONY_T1	0	0	0	0	0	0	0.54	0.48	0	0	0	0	0	0
1/14/2024 19:13	67702 WERN_T2	0	0	0	0	0	0	-0.01	-0.01	0	0	0	0	0	0
1/14/2024 19:13	52401 GRPA_T2	5	18	13	0.56	0.5	-0.06	-0.69	-0.75	0	0	0	0	0	0
1/14/2024 19:13	67402 WAKE_T2	0	0	0	0	0	0	-0.27	-0.27	1	1	0	600	600	0
1/14/2024 19:13	47401 PENS_T1	0	0	0	0	0	0	1.62	1.46	0	0	0	0	0	0
1/14/2024 19:13	42701 AUGU_T1	3	8	5	0.17	0.2	0.03	0	0	1	1	0	600	600	0
1/14/2024 19:13	52102 MEIS_T1	14	3	-11	0.18	0.1	-0.08	0	0	1	1	0	450	450	0
1/14/2024 19:13	16302 ALPA_T2	0	0	0	0	0	0	-0.67	-0.67	0	0	0	0	0	0
1/14/2024 19:13	55001 NEWP_T1	1	1	0	0.9	0.4	-0.5	0	0	0	0	0	0	0	0
1/14/2024 19:13	56802 BENV_T2	0	0	0	0	0	0	-1.26	-1.27	0	0	0	0	0	0
1/14/2024 19:13	46903 MNTG_T2	0	0	0	0	0	0	-0.15	-0.16	1	1	0	600	600	0
1/14/2024 19:13	46801 HEPB_T2	2	4	2	0.5	0.53	0.03	-0.18	-0.16	0	0	0	0	0	0
1/14/2024 19:13	57401 SPAN_T1	0	0	0	0	0	0	-1.16	-1.12	1	1	0	600	600	0
1/14/2024 19:13	67605 WARW_T1	0	0	0	0	0	0	-1.04	-1.08	0	0	0	0	0	0
1/14/2024 19:14	42701 AUGU_T1	3	8	5	0.17	0.2	0.03	0	0	1	1	0	600	600	0
1/14/2024 19:14	40501 CRES_T2	3	2	-1	0.17	0.2	0.03	0	0	0	0	0	0	0	0
1/14/2024 19:14	41801 GOCI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1/14/2024 19:14	40602 PIGR_T1	0	0	0	0	0	0	-1.64	-1.01	1	0	-1	600	0	-600
1/14/2024 19:14	59102 WALK_T2	0	0	0	0	0	0	-0.38	-0.41	1	1	0	600	600	0
1/14/2024 19:14	65604 QVIL_T2	0	0	0	0	0	0	0.52	0.5	0	0	0	0	0	0
1/14/2024 19:14	52404 GRPA_T2	12	7	-5	0.37	0.2	-0.17	0	0	0	0	0	0	0	0
1/14/2024 19:14	40101 HUNT_T2	263	366	103	0.84	0.95	0.11	-0.35	-0.37	0	0	0	0	0	0
1/14/2024 19:14	42903 MIDD_T2	2	2	0	1.45	1.45	0	-0.04	-0.15	0	0	0	0	0	0
1/14/2024 19:14	59101 WALK_T2	0	1	1	0	0	0	1.65	1.67	4	4	0	2100	2100	0
1/14/2024 19:14	41901 REED_T1	11	11	0	0.55	0.79	0.24	-1.83	-1.82	1	1	0	900	900	0
1/14/2024 19:14	49804 UNIV_T1	1	7	6	0.9	1.7	0.8	0	0	0	0	0	0	0	0
1/14/2024 19:14	57404 SPAN_T2	0	0	0	0	0	0	-0.46	-0.46	1	1	0	1200	1200	0
1/14/2024 19:14	56501 ROCK_T2	160	145	-15	0.21	0.18	-0.03	-4.24	-4.31	0	0	0	0	0	0
1/14/2024 19:14	56801 BENV_T1	9	13	4	0.24	0.48	0.24	-1.05	-1.02	2	2	0	1200	1200	0
1/14/2024 19:14	41901 REED_T1	11	11	0	0.55	0.79	0.24	-1.83	-1.82	1	1	0	900	900	0
1/14/2024 19:14	64101 REFR_T1	0	0	0	0	0	0	0.09	0.09	0	0	0	0	0	0
1/14/2024 19:14	64801 MONE_T2	0	0	0	0	0	0	-0.4	-0.39	0	0	0	0	0	0
1/14/2024 19:14	60201 ATGL_T2	0	0	0	0	0	0	-0.05	-0.05	2	2	0	600	600	0
1/14/2024 19:14	46302 ROHR_T1	2	5	3	0.7	0.78	0.08	0.33	0.31	0	0	0	0	0	0
1/14/2024 19:14	45802 WBER_T2	8	11	3	0.31	0.3	-0.01	0.74	0.71	0	0	0	0	0	0
1/14/2024 19:14	42201 SHEN_T2	0	0	0	0	0	0	-0.14	-0.18	1	1	0	600	600	0
1/14/2024 19:15	52102 MEIS_T1	3	0	-3	0.3	0	-0.3	0	0	1	1	0	450	450	0
1/14/2024 19:15	44201 POIN_T1	0	0	0	0	0	0	-1.36	-1.32	1	1	0	900	900	0
1/14/2024 19:15	14401 SSLA_T1	3	10	7	0.17	0.8	0.63	0	0	0	0	0	0	0	0
1/14/2024 19:15	57303 MOAL_T2	1	1	0	8.7	8.4	-0.3	0	0	0	0	0	0	0	0
1/14/2024 19:15	53902 HAU_T2	0	0	0	0	0	0	-0.84	-0.84	0	0	0	0	0	0
1/14/2024 19:15	64101 REFR_T1	0	0	0	0	0	0	0.09	0.09	0	0	0	0	0	0
1/14/2024 19:15	56501 ROCK_T2	57	157	100	0.17	0.2	0.03	-2.12	-2.15	0	0	0	0	0	0
1/14/2024 19:15	42901 MIDD_T2	2	0	-2	0.1	0	-0.1	0	0	0	0	0	0	0	0
1/14/2024 19:15	56801 BENV_T1	13	7	-6	0.48	0.23	-0.25	-1.05	-1.02	2	2	0	1200	1200	0
1/14/2024 19:15	46206 DANV_T2	0	1	1	0	0	0	0	0	0	0	0	0	0	0
1/14/2024 19:15	42902 MIDD_T2	83	9	-74	0.87	0.12	-0.75	-0.56	-0.57	0	0	0	0	0	0
1/14/2024 19:15	55002 NEWP_T1	0	0	0	0	0	0	-0.03	-0.05	0	0	0	0	0	0
1/14/2024 19:15	42701 AUGU_T1	5	13	8	0.28	0.25	-0.03	0	0	1	1	0	600	600	0
1/14/2024 19:15	61303 EARL_T1	0	0	0	0	0	0	-0.07	-0.08	0	0	0	0	0	0
1/14/2024 19:15	64402 LAND_T2	0	0	0	0	0	0	-0.6	-0.62	1	1	0	600	600	0
1/14/2024 19:15	45402 WBLO_T2	1	1	0	0.9	0	-0.9	-0.4	-0.38	0	0	0	0	0	0
1/14/2024 19:15	56504 ROCK_T2	0	0	0	0	0	0	0.16	0.18	0	0	0	0	0	0
1/14/2024 19:15	59101 WALK_T2	0	1	1	0	0	0	0.83	0.84	2	2	0	1050	1050	0
1/14/2024 19:15	52501 PROG_T1	0	0	0	0	0	0	0.37	0.37	0	0	0	0	0	0
1/14/2024 19:15	12701 MACU_T1	0	0	0	0	0	0	-0.96	-0.95	1	1	0	1200	1200	0
1/14/2024 19:15	56802 BENV_T2	0	0	0	0	0	0	-1.26	-1.27	0	0	0	0	0	0
1/14/2024 19:16	56803 BENV_T1	0	3	3	0	0.1	0.1	0	0	0	0	0	0	0	0
1/14/2024 19:16	52404 GRPA_T2	4	22	18	0.28	0.25	-0.03	0	0	0	0	0	0	0	0
1/14/2024 19:16	53901 HAU_T2	1	3	2	0.3	1	0.7	-2.35	-2.43	0	0	0	0	0	0
1/14/2024 19:16	64101 REFR_T1	0	0	0	0	0	0	0.18	0.18	0	0	0	0	0	0
1/14/2024 19:16	66505 SMAN_T2	3	3	0	0.1	0.37	0.27	-0.39	-0.48	2	2	0	1100	1100	0
1/14/2024 19:16	58401 MORO_T1	0	1	1	0	0	0	-0.84	-0.83	1	1	0	600	600	0
1/14/2024 19:16	40501 CRES_T2	2	0	-2	0.2	0	-0.2	0	0	0	0	0	0	0	0
1/14/2024 19:16	60604 NCOL_T2	0	0	0	0	0	0	0.34	0.32	0	0	0	0	0	0
1/14/2024 19:16	51107 CARL_T1	0	0	0	0	0	0	-0.36	-0.38	0	0	0	0	0	0
1/14/2024 19:16	16603 PONO_T2	0	0	0	0	0	0	0.33	0.32	1	1	0	1200	1200	0
1/14/2024 19:16	41901 REED_T1	11	4	-7	0.79	0.53	-0.26	0	0	0	0	0	0	0	0
1/14/2024 19:17	58401 MORO_T1	0	1	1	0	0	0	-0.84	-0.83	1	1	0	600	600	0
1/14/2024 19:17	55105 WERT_T1	0	0	0	0	0	0	-0.28	-0.2	1	1	0	900	900	0
1/14/2024 19:17	67605 WARW_T1	0	0	0	0	0	0	-1.04	-1.08	0	0	0	0	0	0
1/14/2024 19:17	56801 BENV_T1	13	7	-6	0.48	0.23	-0.25	-1.05	-1.02	2	2	0	1200	1200	0
1/14/2024 19:17	57401 SPAN_T1	0	0	0	0	0	0	-1.16	-1.12	1	1	0	600	600	0
1/14/2024 19:17	67201 TEHI_T1	0	0	0	0	0	0	-0.02	-0.04	0	0	0	0	0	0
1/14/2024 19:17	65001 NEFF_T2	0	0	0	0	0	0	-1.31	-1.29	1	1	0	1200	1200	0
1/14/2024 19:17	12701 MACU_T1	0	0	0	0	0	0	-0.96	-0.95	1	1	0	1200	1200	0
1/14/2024 19:17	58401 MORO_T1	0	1	1	0	0	0	-0.84	-0.83	1	1	0	600	600	0
1/14/2024 19:17	64101 REFR_T1	0	0	0	0	0	0	0.09	0.09	0	0	0	0	0	0
1/14/2024 19:17	61801 EELI_T2	0	0	0	0	0	0	-0.83	-0.83	1	1	0	600	600	0
1/14/2024 19:18	53501 EVIL_T2	1	7	6	0.7	0.34	-0.36	-0.5	-0.52	0	0	0	0	0	0
1/14/2024 19:18	40101 HUNT_T2	325	409	84	0.99	0.92	-0.07	-0.35	-0.37	0	0	0	0	0	0
1/14/2024 19:18	60101 COCA_T1	0	0	0	0	0	0	0.6	0.49	0	0	0	0	0	0
1/14/2024 19:18	56801 BENV_T1	13	7	-6	0.48	0.23	-0.25	-2.1	-2.04	4	4	0	2400	2400	0
1/14/2024 19:18	53901 HAU_T2	1	3	2	0.3	1	0.7	-1.17	-1.21	0	0	0	0	0	0
1/14/2024 19:18	56501 ROCK_T2	57	157	100	0.17	0.2	0.03	-2.12	-2.15	0	0	0	0	0	0
1/14/2024 19:18	52102 MEIS_T1	3	0	-3	0.3	0	-0.3	0	0	1	1	0	450	450	0
1/14/2024 19:19	53901 HAU_T2	1	3	2	0.3	1	0.7	-2.35	-2.43	0	0	0	0	0	0
1/14/2024 19:19	67901 WNHO_T2	0	0	0	0	0	0	-0.54	-0.58	0	0	0	0	0	0
1/14/2024 19:19	64101 REFR_T1	0	0	0	0	0	0	0.09	0.09	0	0	0	0	0	0
1/14/2024 19:20	59402 RFLD_T2	0	0	0	0	0	0	-0.75	-0.77	1	1	0	450	450	0
1/14/2024 19:20	61303 EARL_T1	0	0	0	0	0	0	-0.07	-0.08	0	0	0	0	0	0
1/14/2024 19:20	56803 BENV_T1	0	3	3	0	0.1	0.1	0	0	0	0	0	0	0	0
1/14/2024 19:20	52102 MEIS_T1	3	0	-3	0.3	0	-0.3	0	0	1	1	0	450	450	0
1/14/2024 19:20	59101 WALK_T2	0	1	1	0	0	0	0.83	0.84	2	2	0	1050	1050	0
1/14/2024 19:20	53501 EVIL_T2	1	7	6	0.7	0.34	-0.36	-0.5	-0.52	0	0	0	0	0	0
1/14/2024 19:21	66703 STRA_T1	0	1	1	0	1	1	-0.01	-0.08	0	0	0	0	0	0
1/14/2024 19:23	65001 NEFF_T2	0	0	0	0	0	0	-1.31	-1.29	1	1	0	1200	1200	0
1/14/2024 19:45	53903 HAU_T2	2	2	0	0.2	0.75	0.55	0	0	0	0	0	0	0	0
1/14/2024 20:21	60803 BUCK_T1	0	0	0	0	0	0	-1.15	-1.1	1	1	0	600	600	0
1/14/2024 20:23	60803 BUCK_T1	0	0	0	0	0	0	-1.15	-1.1	1	1	0	600	600	0
1/14/2024 20:25	60803 BUCK_T1	0	0	0	0	0	0	-1.1	-1.09	1	1	0	600	600	0
1/14/2024 20:38	59402 RFLD_T2	0	0	0	0	0	0	-0.78	-0.78	1	1	0	450	450	0
1/14/2024 20:41	65001 NEFF_T2	0	0	0	0	0	0	-1.3	-1.31	1	1	0	1200	1200	0
1/14/2024 20:42	46204 DANV_T2	23	24	1	0.29	0.32	0.03	0	0	0	0	0	0	0	0
1/14/2024 21:13	65001 NEFF_T2	0	0	0	0	0	0	-1.35	-1.34	1	1	0	1200	1200	0
1/14/2024 21:32	46302 ROHR_T1	1	7	6	0.3	0.1	-0.2	0	0	0	0	0	0	0	0
1/14/2024 21:50	65001 NEFF_T2	2	18	16	0.1	0.14	0.04	-1.31	-1.33	1	1	0	1200	1200	0
1/14/2024 22:00	52402 GRPA_T2	2	4	2	1.9	1.43	-0.47	0	0	0	0	0	0	0	0
1/14/2024 22:19	55001 NEWP_T1	0	0	0	0	0	0	-0.48	-0.09	1	1	0	600	600	0
1/14/2024 22:23	55001 NEWP_T1	0	0	0	0	0	0	-0.48	-0.09	1	0	-1	600	0	-600
1/14/2024 22:32	41901 REED_T1	3	4	1	0.5	0.38	-0.12	0	0	0	0	0	0	0	0
1/14/2024 22:36	65001 NEFF_T2	6	11	5	0.13	0.15	0.02	-1.33	-1.34	1	1	0	1200	1200	0
1/14/2024 22:37	65001 NEFF_T2	6	11	5	0.13	0.15	0.02	-1.33	-1.34	1	1	0	1200	1200	0
1/14/2024 22:38	46004 BERW_T2	2	0	-2	0.4	0	-0.4	-0.62	-0.63	0	0	0	0	0	0
1/14/2024 22:42	56501 ROCK_T2	88	70	-18	0.17	0.16	-0.01	0	0	0	0	0	0	0	0
1/14/2024 22:47	52403 GRPA_T2	17	12	-5	0.61	0.1	-0.51	0.15	0.15	0	0	0	0	0	0
1/14/2024 22:49	52402 GRPA_T2	4	4	0	1	1.37	0.37	0	0	0	0	0	0	0	0
1/14/2024 22:50	52401 GRPA_T2	1	1	0	0.3	0.1	-0.2	0	0	0	0	0	0	0	0
1/14/2024 23:03	67502 WEWI_T2	0	0	0	0	0	0	-0.57	-0.36	0	1	1	0	900	900
1/14/2024 23:43	42901 MIDD_T2	5	13	8	0.18	0.13	-0.05	0	0	0	0	0	0	0	0
1/14/2024 23:47	61102 BERK_T5	0	0	0	0	0	0	0.37	0.4	1	1	0	300	300	0
1/14/2024 23:50	65001 NEFF_T2	122	128	6	0.15	0.14	-0.01	-1.34	-1.39	1	1	0	1200	1200	0
1/15/2024 0:11	65001 NEFF_T2	90	174	84	0.13	0.16	0.03	-1.43	-1.37	1	1	0	1200	1200	0
1/15/2024 0:14	15604 NSTR_T1	6	31	25	0.68	0.85	0.17	-0.38	-0.43	0	0	0	0	0	0
1/15/2024 0:28	56802 BENV_T2	0	0	0	0	0	0	-1.38	-1.34	0	0	0	0	0	0
1/15/2024 0:30	56802 BENV_T2	0	0	0	0	0	0	-1.38	-1.34	0	0	0	0	0	0
1/15/2024 0:32	65001 NEFF_T2	170	150	-20	0.16	0.14	-0.02	-1.37	-1.37	1	1	0	1200	1200	0
1/15/2024 1:19	65001 NEFF_T2	191	210	19	0.17	0.2	0.03	-1.39	-1.38	1	1	0	1200	1200	0
1/15/2024 1:40	65001 NEFF_T2	190	213	23	0.17	0.23	0.06	-1.4	-1.38	1	1	0	1200	1200	0
1/15/2024 1:56	65001 NEFF_T2	208	223	15	0.2	0.26	0.06	-1.38	-1.37	1	1	0	1200	1200	0
1/15/2024 2:07	59202 THOM_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1/15/2024 2:17	65001 NEFF_T2	223	215	-8	0.25	0.23	-0.02	-1.37	-1.33	1	1	0	1200	1200	0
1/15/2024 2:26	67502 WEWI_T2	0	1	1	0	0	0	-0.56	-0.91	1	1	0	900	900	0
1/15/2024 2:52	48302 ORWI_T2	0	1	1	0	0	0	-0.57	-0.56	0	0	0	0	0	0
1/15/2024 5:03	65001 NEFF_T2	0	0	0	0	0	0	-1.19	-1.19	1	1	0	1200	1200	0
1/15/2024 5:28	65001 NEFF_T2	0	0	0	0	0	0	-1.17	-1.24	1	1	0	1200	1200	0
1/15/2024 6:22	65001 NEFF_T2	0	0	0	0	0	0	-1.03	-0.91	1	1	0	1200	1200	0
1/15/2024 6:27	59202 THOM_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1/15/2024 7:46	65001 NEFF_T2	0	0	0	0	0	0	-0.69	-0.66	1	1	0	1200	1200	0
1/15/2024 7:55	46206 DANV_T2	9	9	0	0.42	0.7	0.28	2.25	2.22	1	1	0	1200	1200	0
1/15/2024 7:55	45501 DERR_T2	7	7	0	0.6	0.37	-0.23	1.27	1.38	2	2	0	1800	1800	0
1/15/2024 7:57	45501 DERR_T2	7	7	0	0.6	0.37	-0.23	1.27	1.38	2	2	0	1800	1800	0
1/15/2024 7:57	46204 DANV_T2	118	117	-1	0.91	0.41	-0.5	0	0	0	0	0	0	0	0
1/15/2024 7:58	28704 HAML_T2	6	1	-5	0.2	0.1	-0.1	-0.55	-0.51	0	0	0	0	0	0
1/15/2024 7:58	45802 HEIG_T2

Appendix C - Grid Benefits Achieved in Each Instance of Active Management

1/15/2024 9:00	46204 DANV_T2	70	103	33	0.43	0.5	0.07	0	0	0	0	0	0	0	0
1/15/2024 9:00	43402 BENT_T1	11	6	-5	0.45	0.15	-0.3	-1.37	-1.37	2	2	0	1500	1500	0
1/15/2024 9:00	67503 WEWI_T2	0	0	0	0	0	0	0.12	0.1	0	0	0	0	0	0
1/15/2024 9:00	27502 WEIS_T2	0	0	0	0	0	0	-0.12	-0.16	0	0	0	0	0	0
1/15/2024 9:00	60101 COCA_T1	0	0	0	0	0	0	0.58	0.61	0	0	0	0	0	0
1/15/2024 9:00	57403 SPAN_T1	0	0	0	0	0	0	0.27	0.26	0	0	0	0	0	0
1/15/2024 9:00	47101 MARL_T1	1	8	7	1.2	0	-1.2	-0.89	-0.72	1	1	0	600	600	0
1/15/2024 9:00	40502 CRES_T2	4	1	-3	0.18	0.2	0.02	-0.55	-0.63	0	0	0	0	0	0
1/15/2024 9:00	53502 EVIL_T2	2	12	10	2.6	1.8	-0.8	0	0	0	0	0	0	0	0
1/15/2024 9:00	59202 THOM_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1/15/2024 9:00	46004 BERW_T2	2	8	6	0.15	0.45	0.3	-0.57	-0.56	0	0	0	0	0	0
1/15/2024 9:00	65001 NEFF_T2	0	0	0	0	0	0	-0.54	-0.47	1	1	0	1200	1200	0
1/15/2024 9:00	60701 BREC_T1	1	1	0	1	0	-1	-0.5	-0.48	2	2	0	1200	1200	0
1/15/2024 9:01	44201 POIN_T1	0	0	0	0	0	0	-0.39	-0.75	1	1	0	900	900	0
1/15/2024 9:02	53903 HALI_T2	2	2	0	0.8	1	0.2	0	0	0	0	0	0	0	0
1/15/2024 9:02	64101 REFR_T1	0	0	0	0	0	0	0.12	0.13	0	0	0	0	0	0
1/15/2024 9:02	55105 WERT_T1	0	0	0	0	0	0	-0.28	-0.25	1	1	0	900	900	0
1/15/2024 9:06	21204 ECAR_T2	3	1	-2	0.47	0	-0.47	0	0	0	0	0	0	0	0
1/15/2024 9:06	40502 CRES_T2	4	1	-3	0.18	0.2	0.02	-0.28	-0.32	0	0	0	0	0	0
1/15/2024 9:07	46203 DANV_T2	0	0	0	0	0	0	-0.82	-0.86	0	0	0	0	0	0
1/15/2024 9:07	43402 BENT_T1	11	6	-5	0.45	0.15	-0.3	-1.37	-1.37	2	2	0	1500	1500	0
1/15/2024 9:08	59102 WALK_T2	0	0	0	0	0	0	-0.17	-0.15	1	1	0	600	600	0
1/15/2024 9:08	41902 REED_T1	17	13	-4	0.64	0.56	-0.08	0.49	0.41	0	0	0	0	0	0
1/15/2024 9:08	46206 DANV_T2	1	3	2	0.2	0.25	0.05	0	0	0	0	0	0	0	0
1/15/2024 9:09	53903 HALI_T2	2	2	0	0.8	1	0.2	0	0	0	0	0	0	0	0
1/15/2024 9:09	53501 EVIL_T2	3	3	0	0.8	0.83	0.03	0	0	0	0	0	0	0	0
1/15/2024 9:09	46206 DANV_T2	1	3	2	0.2	0.25	0.05	2.22	2.19	1	1	0	1200	1200	0
1/15/2024 9:09	67503 WEWI_T2	0	0	0	0	0	0	0.1	0.13	0	0	0	0	0	0
1/15/2024 9:09	67402 WAKE_T2	0	0	0	0	0	0	0.57	0.56	1	1	0	600	600	0
1/15/2024 9:10	46204 DANV_T2	70	103	33	0.43	0.5	0.07	0	0	0	0	0	0	0	0
1/15/2024 9:10	43402 BENT_T1	11	6	-5	0.45	0.15	-0.3	-1.37	-1.38	2	2	0	1500	1500	0
1/15/2024 9:11	46903 MNTG_T2	0	0	0	0	0	0	0.1	0.14	1	1	0	600	600	0
1/15/2024 9:11	47202 FAXO_T2	0	0	0	0	0	0	-2.19	-2.22	0	0	0	0	0	0
1/15/2024 9:12	53502 EVIL_T2	2	12	10	2.6	1.8	-0.8	-0.1	-0.03	2	2	0	1200	1200	0
1/15/2024 9:12	28704 HAML_T2	0	1	1	0	0	0	-0.54	-0.54	0	0	0	0	0	0
1/15/2024 9:12	46903 MNTG_T2	0	0	0	0	0	0	0.1	0.14	1	1	0	600	600	0
1/15/2024 9:12	46903 MNTG_T2	0	0	0	0	0	0	0.1	0.14	1	1	0	600	600	0
1/15/2024 9:12	13503 MCMI_T2	320	321	1	1.13	1.12	-0.01	1.09	1	0	0	0	0	0	0
1/15/2024 9:13	52102 MEIS_T1	2	2	0	0.9	0.3	-0.6	0	0	1	1	0	450	450	0
1/15/2024 9:13	15604 NSTR_T1	26	65	39	0.63	0.49	-0.14	-0.32	-0.29	0	0	0	0	0	0
1/15/2024 9:14	44903 SCOT_T1	0	0	0	0	0	0	-0.02	-0.01	0	0	0	0	0	0
1/15/2024 9:14	52102 MEIS_T1	2	2	0	0.9	0.3	-0.6	0	0	1	1	0	450	450	0
1/15/2024 9:15	44903 SCOT_T1	0	0	0	0	0	0	-0.04	-0.02	0	0	0	0	0	0
1/15/2024 9:15	46903 MNTG_T2	0	0	0	0	0	0	0.1	0.14	1	1	0	600	600	0
1/15/2024 9:15	13503 MCMI_T2	293	271	-22	1.05	1.68	0.63	0.54	0.5	0	0	0	0	0	0
1/15/2024 9:16	13503 MCMI_T2	293	271	-22	1.05	1.68	0.63	0.54	0.5	0	0	0	0	0	0
1/15/2024 9:16	46903 MNTG_T2	0	0	0	0	0	0	0.2	0.28	2	2	0	1200	1200	0
1/15/2024 9:16	44903 SCOT_T1	0	0	0	0	0	0	-0.02	-0.01	0	0	0	0	0	0
1/15/2024 9:16	64101 REFR_T1	0	0	0	0	0	0	0.13	0.12	0	0	0	0	0	0
1/15/2024 9:17	67103 SPRI_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1/15/2024 9:17	49803 UNIV_T1	0	0	0	0	0	0	-0.88	-0.84	0	0	0	0	0	0
1/15/2024 9:17	44903 SCOT_T1	0	0	0	0	0	0	-0.02	-0.01	0	0	0	0	0	0
1/15/2024 9:17	64101 REFR_T1	0	0	0	0	0	0	0.13	0.12	0	0	0	0	0	0
1/15/2024 9:18	60305 TWVA_T2	0	0	0	0	0	0	1.95	1.93	0	0	0	0	0	0
1/15/2024 9:18	15604 NSTR_T1	43	63	20	0.57	0.44	-0.13	-0.32	-0.29	0	0	0	0	0	0
1/15/2024 9:18	55002 NEWP_T1	5	5	0	0.54	0.48	-0.06	-0.09	-0.09	0	0	0	0	0	0
1/15/2024 9:19	44903 SCOT_T1	0	0	0	0	0	0	-0.02	-0.01	0	0	0	0	0	0
1/15/2024 9:19	64101 REFR_T1	0	0	0	0	0	0	0.39	0.36	0	0	0	0	0	0
1/15/2024 9:19	67103 SPRI_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1/15/2024 9:20	49803 UNIV_T1	0	0	0	0	0	0	-0.88	-0.84	0	0	0	0	0	0
1/15/2024 9:20	64101 REFR_T1	0	0	0	0	0	0	0.26	0.24	0	0	0	0	0	0
1/15/2024 9:22	45502 DERR_T2	1	4	3	0.1	0.2	0.1	0	0	0	0	0	0	0	0
1/15/2024 9:22	40502 CRES_T2	1	8	7	0.2	0.23	0.03	-0.63	-0.51	0	0	0	0	0	0
1/15/2024 9:23	11104 EGYP_T1	0	2	2	0	0	0	0.55	0.58	0	0	0	0	0	0
1/15/2024 9:23	60201 ATGL_T2	0	0	0	0	0	0	-0.23	-0.3	2	2	0	900	900	0
1/15/2024 9:24	20602 GRWO_T2	4	4	0	0.33	0.23	-0.1	0	0	0	0	0	0	0	0
1/15/2024 9:24	29402 BELT_T1	1	1	0	5.4	5.8	0.4	0	0	0	0	0	0	0	0
1/15/2024 9:24	45802 HEGI_T2	3	4	1	0.3	0.3	0	0	0	0	0	0	0	0	0
1/15/2024 9:25	45501 DERR_T2	1	6	5	0.4	0.4	0	1.2	1.06	2	2	0	1800	1800	0
1/15/2024 9:26	20602 GRWO_T2	4	4	0	0.33	0.23	-0.1	0	0	0	0	0	0	0	0
1/15/2024 9:26	40502 CRES_T2	1	8	7	0.2	0.23	0.03	-0.25	-0.27	0	0	0	0	0	0
1/15/2024 9:27	11103 EGYP_T1	0	1	1	0	0	0	0	0	0	0	0	0	0	0
1/15/2024 9:28	52102 MEIS_T1	2	9	7	0.95	0.21	-0.74	0	0	2	2	0	900	900	0
1/15/2024 9:28	26803 JAFR_T1	0	0	0	0	0	0	-0.13	-0.08	1	1	0	900	900	0
1/15/2024 9:28	45802 HEGI_T2	3	4	1	0.3	0.3	0	0	0	0	0	0	0	0	0
1/15/2024 9:29	52102 MEIS_T1	2	9	7	0.95	0.21	-0.74	0	0	1	1	0	450	450	0
1/15/2024 9:30	58401 MORO_T1	0	0	0	0	0	0	-1.58	-1.63	1	1	0	600	600	0
1/15/2024 9:30	56501 ROCK_T2	291	254	-37	0.29	0.27	-0.02	-4.22	-4.26	0	0	0	0	0	0
1/15/2024 9:30	65604 QVIL_T2	0	0	0	0	0	0	0.04	0.18	0	0	0	0	0	0
1/15/2024 9:31	43202 MVIL_T2	0	0	0	0	0	0	-0.94	-0.88	0	0	0	0	0	0
1/15/2024 9:32	58401 MORO_T1	0	0	0	0	0	0	-1.58	-1.63	1	1	0	600	600	0
1/15/2024 9:32	56501 ROCK_T2	291	254	-37	0.29	0.27	-0.02	-2.11	-2.13	0	0	0	0	0	0
1/15/2024 9:33	56501 ROCK_T2	291	254	-37	0.29	0.27	-0.02	-4.22	-4.26	0	0	0	0	0	0
1/15/2024 9:34	41902 REED_T1	9	18	9	0.53	0.3	-0.23	0.82	0.94	0	0	0	0	0	0
1/15/2024 9:37	56803 BENV_T1	1	0	-1	0.5	0	-0.5	0	0	0	0	0	0	0	0
1/15/2024 9:41	52002 LING_T2	0	0	0	0	0	0	0.04	0.1	0	0	0	0	0	0
1/15/2024 9:41	11104 EGYP_T1	0	25	25	0	0.4	0.4	0.6	0.61	0	0	0	0	0	0
1/15/2024 9:43	52002 LING_T2	0	0	0	0	0	0	0.04	0.1	0	0	0	0	0	0
1/15/2024 9:44	59301 MCAL_T1	0	2	2	0	0	0	0	0	0	0	0	0	0	0
1/15/2024 9:45	56501 ROCK_T2	254	91	-163	0.28	0.18	-0.1	-2.13	-2.07	0	0	0	0	0	0
1/15/2024 9:46	52004 LING_T2	1	1	0	0.8	0.6	-0.2	0	0	0	0	0	0	0	0
1/15/2024 9:46	66504 SMAN_T2	0	0	0	0	0	0	-2.45	-2.52	2	2	0	2400	2400	0
1/15/2024 9:46	46302 ROHR_T1	1	0	-1	0.2	0	-0.2	0.5	0.54	0	0	0	0	0	0
1/15/2024 9:47	65901 SAKR_T2	1	1	0	7	8	1	-0.84	-0.89	1	1	0	900	900	0
1/15/2024 9:47	56501 ROCK_T2	254	91	-163	0.28	0.18	-0.1	-2.13	-2.07	0	0	0	0	0	0
1/15/2024 9:47	44901 SCOT_T2	0	0	0	0	0	0	-1.52	-1.41	0	0	0	0	0	0
1/15/2024 9:48	46302 ROHR_T1	1	0	-1	0.2	0	-0.2	0.5	0.54	0	0	0	0	0	0
1/15/2024 9:48	42601 TUSC_T1	45	62	17	1.11	1.76	0.65	0.34	0.29	2	2	0	1800	1800	0
1/15/2024 9:49	56802 BENV_T2	1	0	-1	0.1	0	-0.1	-1.19	-1.24	0	0	0	0	0	0
1/15/2024 9:49	66703 STRA_T1	0	0	0	0	0	0	0.23	0.19	0	0	0	0	0	0
1/15/2024 9:49	59101 WALK_T2	2	0	-2	1.45	0	-1.45	1.83	1.66	1	2	1	450	1050	600
1/15/2024 9:49	42701 AUGU_T1	36	41	5	0.52	0.48	-0.04	0	0	2	2	0	1200	1200	0
1/15/2024 9:49	56801 BENV_T1	0	3	3	0	0.1	0.1	-0.39	-0.4	1	1	0	600	600	0
1/15/2024 9:50	29402 BELT_T1	1	2	1	5.5	4	-1.5	0	0	0	0	0	0	0	0
1/15/2024 9:50	56801 BENV_T1	0	3	3	0	0.1	0.1	-0.39	-0.4	1	1	0	600	600	0
1/15/2024 9:50	45502 DERR_T2	3	1	-2	0.3	0	-0.3	0	0	0	0	0	0	0	0
1/15/2024 9:50	42601 TUSC_T1	45	62	17	1.11	1.76	0.65	0.34	0.29	2	2	0	1800	1800	0
1/15/2024 9:50	59101 WALK_T2	2	0	-2	1.45	0	-1.45	3.67	3.31	4	4	0	2100	2100	0
1/15/2024 9:51	56802 BENV_T2	1	0	-1	0.1	0	-0.1	-2.38	-2.48	0	0	0	0	0	0
1/15/2024 9:51	66503 SMAN_T2	32	0	-32	0.13	0	-0.13	0	0	0	0	0	0	0	0
1/15/2024 9:51	56801 BENV_T1	0	3	3	0	0.1	0.1	-0.79	-0.8	2	2	0	1200	1200	0
1/15/2024 9:52	29401 BELT_T1	0	7	7	0	0.11	0.11	0	0	0	0	0	0	0	0
1/15/2024 9:52	59101 WALK_T2	2	0	-2	1.45	0	-1.45	1.83	1.66	2	2	0	1050	1050	0
1/15/2024 9:52	56801 BENV_T1	0	3	3	0	0.1	0.1	-0.39	-0.4	1	1	0	600	600	0
1/15/2024 9:52	56802 BENV_T2	1	0	-1	0.1	0	-0.1	-1.19	-1.24	0	0	0	0	0	0
1/15/2024 9:52	41801 GOCI_T2	0	0	0	0	0	0	0	0	1	1	0	900	900	0
1/15/2024 9:53	45502 DERR_T2	3	1	-2	0.3	0	-0.3	0	0	0	0	0	0	0	0
1/15/2024 9:53	56801 BENV_T1	0	3	3	0	0.1	0.1	-0.39	-0.4	1	1	0	600	600	0
1/15/2024 9:54	56802 BENV_T2	1	0	-1	0.1	0	-0.1	-2.48	-2.35	0	0	0	0	0	0
1/15/2024 9:54	56801 BENV_T1	0	3	3	0	0.1	0.1	-0.8	-0.86	2	2	0	1200	1200	0
1/15/2024 9:55	53601 DALM_T2	6	6	0	0.47	0.67	0.2	-0.15	-0.17	1	1	0	600	600	0
1/15/2024 9:56	40101 HUNT_T2	494	517	23	1.62	1.57	-0.05	-2.47	-2.36	0	0	0	0	0	0
1/15/2024 9:56	64201 KINZ_T1	0	1	1	0	0	0	0	0	0	0	0	0	0	0
1/15/2024 9:58	57303 MOAL_T2	1	1	0	7.6	7.8	0.2	0	0	0	0	0	0	0	0
1/15/2024 9:58	64303 LINC_T1	0	0	0	0	0	0	-0.12	-0.14	0	0	0	0	0	0
1/15/2024 9:58	47403 PENS_T1	0	1	1	0	2.3	2.3	0	0	0	0	0	0	0	0
1/15/2024 9:58	42902 MIDD_T2	6	33	27	0.97	0.73	-0.24	-2.23	-2.42	3	3	0	1800	1800	0
1/15/2024 9:58	41801 GOCI_T2	0	0	0	0	0	0	0	0	1	1	0	900	900	0
1/15/2024 9:58	63401 HONY_T1	0	0	0	0	0	0	0.04	-0.09	1	1	0	600	600	0
1/15/2024 9:58	40101 HUNT_T2	494	517	23	1.62	1.57	-0.05	-1.24	-1.18	0	0	0	0	0	0
1/15/2024 9:59	64303 LINC_T1	0	0	0	0	0	0	-0.12	-0.14	0	0	0	0	0	0
1/15/2024 9:59	55002 NEWP_T1	3	5	2	0.53	0.28	-0.25	-0.18	-0.18	0	0	0	0	0	0
1/15/2024 9:59	42901 MIDD_T2	0	1	1	0	0	0	0	0	0	0	0	0	0	0
1/15/2024 9:59	57303 MOAL_T2	1	1	0	7.6	7.8	0.2	0	0	0	0	0	0	0	0
1/15/2024 10:00	47402 PENS_T1	0	2	2	0	0	0	0	0	0	0	0	0	0	0
1/15/2024 10:00	55002 NEWP_T1	5	0	-5	0.28	0	-0.28	-0.09	-0.09	0	0	0	0	0	0
1/15/2024 10:01	42901 MIDD_T2	1	0	-1	0.9	0	-0.9	0	0	0	0	0	0	0	0
1/15/2024 10:02	27502 WEIS_T2	3	6	3	0.4	0.2	-0.2	-0.07	-0.05	0	0	0	0	0	0
1/15/2024 10:04	57401 SPAN_T1	0	0	0	0	0	0	-0.81	-0.84	1	1	0	600	600	0
1/15/2024 10:04	28604 BLYT_T2	0	0	0	0	0	0	-1.29	-1.24	0	0	0	0	0	0
1/15/2024 10:04	40603 PIGR_T1	1	1	0	0.7	0	-0.7	0.44	0.44	0	0	0	0	0	0
1/15/2024 10:04	67203 TEHI_T1	24	30	6	0.31	0.33	0.02	2.48	2.67	3	3	0	2100	2100	0
1/15/2024 10:04	55002 NEWP_T1	5	0	-5	0.28	0	-0.28	-0.09	-0.09	0	0	0	0	0	0
1/15/2024 10:05	57401 SPAN_T1	0	0	0	0	0	0	-1.62	-1.68	2	2	0	1200	1200	0
1/15/2024 10:05	56801 BENV_T1	1	3	2	0.1	0.25	0.15	-0.4	-0.43	1	1	0	600	600	0
1/15/2024 10:05	44301 BEAV_T2	7	7	0	0.64	0.4	-0.24	0.92	0.9	2	2	0	1500	1500	0
1/15/2024 10:06	56801 BENV_T1	1	3	2	0.1	0.25	0.15	-0.4	-0.43	1	1	0	600	600	0
1/15/2024 10:06	57401 SPAN_T1	0	0	0	0	0	0	-1.62	-1.68	2	2	0	1200	1200	0
1/15/2024 10:06	67203 TEHI_T1	24	30	6	0.31	0.33	0.02	0	0	0	0	0	0	0	0
1/15/2024 10:08	53502 EVIL_T2	2	14	12	3.1	1.68	-1.42	0	0	0	0	0	0	0	0
1/15/2024 10:09	53501 EVIL_T2	2	3	1	0.85	0.7	-0.15	-3.67	-3.73	6	6	0	4200	4200	0
1/15/2024 10:09	56801 BENV_T1	1	3	2	0.1	0.25	0.15	-0.86	-0.82	2	2	0	1200	1200	0
1/15/2024 10:10	53901 HALI_T2	7	0	-7	0.13	0	-0.13	-1.35	-1.35	0	0	0	0	0	0
1/15/2024 10:10	53601 DALM_T2	6	6	0	0.73	0.3	-0.43	-0.17	-0.18	1	1	0	600	600	0
1/15/2024 10:11	53502 EVIL_T2	2	14	12	3.1	1.68	-1.42	0	0	0	0	0	0	0	0
1/15/2024 10:12	53901 HALI_T2	7	0	-7	0.13	0	-0.13	-4.04	-4.04	0	0	0	0	0	0
1/15/2024 10:12	40902 JESH_T1	0	0	0	0	0	0	-0.85	-1	1	1	0	600	600	0
1/15/2024 10:12	27101 GFLD_T2	0	1	1	0	0	0	-0.07	-0.05	1	1	0	600	600	0
1/15/2024 10:12	64201 KINZ_T1	0	1	1	0	0	0	0	0	0	0	0	0	0	0
1/15/2024 10:12	45801 HEGI_T1	0	0	0	0	0	0	-0.19	-0.43	1	1	0	900	900	0
1/15/2024 10:13	64202 KINZ_T1	0	10	10	0	0	0	0	0	0	0	0	0	0	0
1/15/2024 10:13	52004 LING_T2	1	1	0	0.7	0.6	-0.1	0	0	0	0	0	0	0	0
1/15/2024 10:13	59003 MIFF_T1	0	1	1	0	0	0	-1.09	-1.64	0	0	0	0	0	0
1/15/2024 10:14	64204 KINZ_T1	1	1	0	0.3	1.1	0.8	0	0	0	0	0	0	0	0
1/15/2024 10:14	53903 HALI_T2	2	3	1	1	0.95	-0.05	0	0	0	0	0	0	0	0
1/15/2024 10:14	44201 POIN_T1	2	4	2	0.3	0.13	-0.17	0.06	0.12	1	1	0	900	900	0
1/15/2024 10:15	64203 KINZ_T1	1	0	-1	0.2	0	-0.2	0	0	0	0	0	0	0	0
1/15/2024 10:15	47403 PENS_T1	1	0	-1	2.3	0	-2.3	0	0	0	0	0	0	0	0
1/15/2024 10:15	64101 REFR_T1	1	2	1	0.7	0	-0.7	0.2	0.22	0	0	0	0	0	0
1/15/2024 10:17	60604 NCOL_T2	0	0	0	0	0	0	0.71	0.68	0	0	0	0	0	0
1/15/2024 10:18	57401 SPAN_T1	0	0	0	0	0	0	-0.84	-0.79	1	1	0	600	600	0
1/15/2024 10:18	65902 SAKR_T2	0	0	0	0	0	0	-1.09	-1.08	2	2	0	1200	1200	0
1/15/2024 10:20	44301 BEAV_T2	7	1	-6	0.53	0.2	-0.33	1.8	1.27	4	4	0	3000	3000	0
1/15/2024 10:21	57401 SPAN_T1	0	0	0	0	0	0	-0.84	-0.79	1	1	0	600	600	0
1/15/2024 10:22	62604 ENGL_T1	1	1	0	0.1	0.1	0	-0.46	-0.39	1	1	0	600	600	0
1/15/2024 10:23	44301 BEAV_T2	7	1	-6	0.53	0.2	-0.33	0.64	0.55	2	2	0	1500	1500	0
1/15/2024 10:24	62604 ENGL_T1	1	1	0	0.1	0.1	0	-0.39	-0.4	1	1	0	600	600	0
1/15/2024 10:25

1/15/2024 10:50	27502 WEIS_T2	1	1	0	0.8	0.4	-0.4	-0.03	-0.07	0	0	0	0	0	0
1/15/2024 10:50	67702 WERN_T2	0	0	0	0	0	0	-0.01	-0.01	0	0	0	0	0	0
1/15/2024 10:50	40201 BEGA_T2	2	2	0	0.7	0	-0.7	0	0	0	0	0	0	0	0
1/15/2024 10:51	56803 BENV_T1	1	1	0	0.3	0	-0.3	0	0	0	0	0	0	0	0
1/15/2024 10:51	67702 WERN_T2	0	0	0	0	0	0	-0.01	-0.01	0	0	0	0	0	0
1/15/2024 10:52	40201 BEGA_T2	2	2	0	0.7	0	-0.7	0	0	0	0	0	0	0	0
1/15/2024 10:53	56801 BENV_T1	1	1	1	0	0	0	-0.82	-0.86	2	2	0	1200	1200	0
1/15/2024 10:54	67702 WERN_T2	0	0	0	0	0	0	-0.01	-0.01	0	0	0	0	0	0
1/15/2024 10:54	40201 BEGA_T2	2	2	0	0.7	0	-0.7	0	0	0	0	0	0	0	0
1/15/2024 10:56	64202 KINZ_T1	1	1	0	0.1	0.1	0	0	0	0	0	0	0	0	0
1/15/2024 10:56	40101 HUNT_T2	358	415	57	0.85	0.84	-0.01	-1.27	-1.23	0	0	0	0	0	0
1/15/2024 10:57	52402 GRPA_T2	3	4	1	1.13	1.77	0.64	0	0	0	0	0	0	0	0
1/15/2024 10:58	64902 MILL_T2	0	0	0	0	0	0	-1.21	-1.18	1	1	0	900	900	0
1/15/2024 10:58	40101 HUNT_T2	358	415	57	0.85	0.84	-0.01	-2.54	-2.46	0	0	0	0	0	0
1/15/2024 10:59	44601 SALE_T2	0	2	2	0	0.1	0.1	0.82	0.84	1	1	0	600	600	0
1/15/2024 10:59	60605 NCOL_T2	0	0	0	0	0	0	0	-0.39	0	0	0	0	0	0
1/15/2024 11:00	41902 REED_T1	17	18	1	0.41	0.5	0.09	0	0	0	0	0	0	0	0
1/15/2024 11:00	46301 ROHR_T1	1	1	0	0.7	0.7	0	0	0	0	0	0	0	0	0
1/15/2024 11:01	64801 MONE_T2	0	0	0	0	0	0	0	-0.37	-0.36	0	0	0	0	0
1/15/2024 11:02	40602 PIGR_T1	0	0	0	0	0	0	-3.19	-3.2	2	2	0	1200	1200	0
1/15/2024 11:02	53903 HAU_T2	2	2	0	0.85	1.05	0.2	-0.09	-0.14	0	0	0	0	0	0
1/15/2024 11:03	59101 WALK_T2	0	0	0	0	0	0	1.72	1.62	2	2	0	1050	1050	0
1/15/2024 11:04	52402 GRPA_T2	3	3	0	1.8	3.03	1.23	0	0	0	0	0	0	0	0
1/15/2024 11:04	29401 BELT_T1	3	2	-1	0.1	0.1	0	0	0	1	1	0	900	900	0
1/15/2024 11:04	45801 HEGI_T1	0	0	0	0	0	0	-0.04	-0.39	1	1	0	900	900	0
1/15/2024 11:04	59101 WALK_T2	0	0	0	0	0	0	1.72	1.62	2	2	0	1050	1050	0
1/15/2024 11:05	55103 WERT_T1	0	1	1	0	0	0	0	0	0	0	0	0	0	0
1/15/2024 11:06	45801 HEGI_T1	0	0	0	0	0	0	-0.04	-0.39	1	1	0	900	900	0
1/15/2024 11:06	14403 SSLA_T1	1	1	0	0.2	0	-0.2	1.37	1.33	0	0	0	0	0	0
1/15/2024 11:08	40201 BEGA_T2	1	1	0	0.5	0.8	0.3	0	0	0	0	0	0	0	0
1/15/2024 11:08	40603 PIGR_T1	0	0	0	0	0	0	0.67	0.91	0	0	0	0	0	0
1/15/2024 11:08	60803 BUCK_T1	0	0	0	0	0	0	-1.08	-1.11	1	1	0	600	600	0
1/15/2024 11:08	45801 HEGI_T1	0	0	0	0	0	0	-0.39	-0.45	1	1	0	900	900	0
1/15/2024 11:09	60803 BUCK_T1	0	0	0	0	0	0	-2.22	-2.18	2	2	0	1200	1200	0
1/15/2024 11:09	53901 HAU_T2	0	1	1	0	0.2	0.2	-1.35	-1.32	0	0	0	0	0	0
1/15/2024 11:13	52102 MEIS_T1	1	0	-1	1.8	0	-1.8	0	0	1	1	0	450	450	0
1/15/2024 11:13	56603 HAMP_T1	0	0	0	0	0	0	-0.93	-0.91	0	0	0	0	0	0
1/15/2024 11:15	12401 MILF_T1	0	0	0	0	0	0	-0.14	-0.13	0	0	0	0	0	0
1/15/2024 11:15	42902 MIDD_T2	3	1	-2	0.23	0	-0.23	0	0	0	0	0	0	0	0
1/15/2024 11:17	12401 MILF_T1	0	0	0	0	0	0	-0.14	-0.13	0	0	0	0	0	0
1/15/2024 11:19	44301 BEAV_T2	0	4	4	0	0	0	0.67	0.47	2	2	0	1500	1500	0
1/15/2024 11:20	67901 WNHO_T2	0	0	0	0	0	0	0.21	0.01	1	1	0	900	900	0
1/15/2024 11:22	44301 BEAV_T2	0	4	4	0	0	0	0.67	0.47	2	2	0	1500	1500	0
1/15/2024 11:22	41601 CLEV_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1/15/2024 11:23	44301 BEAV_T2	0	4	4	0	0	0	0.94	1.31	4	4	0	3000	3000	0
1/15/2024 11:23	11104 EGYP_T1	7	11	4	0.43	0.4	-0.03	0.6	0.63	0	0	0	0	0	0
1/15/2024 11:24	41601 CLEV_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1/15/2024 11:26	46903 MNTG_T2	0	0	0	0	0	0	0.15	0	1	1	0	600	600	0
1/15/2024 11:26	52404 GRPA_T2	0	1	1	0	0	0	0	0	0	0	0	0	0	0
1/15/2024 11:28	45702 LIND_T2	1	2	1	0	0.6	0.6	-0.34	-0.34	0	0	0	0	0	0
1/15/2024 11:29	46901 MNTG_T2	0	0	0	0	0	0	1.56	1.57	0	0	0	0	0	0
1/15/2024 11:29	52102 MEIS_T1	0	3	3	0	0.17	0.17	0	0	1	1	0	450	450	0
1/15/2024 11:30	46903 MNTG_T2	0	2	2	0	0.25	0.25	0.15	0	1	1	0	600	600	0
1/15/2024 11:34	28602 BLYT_T2	3	4	1	0.43	0.3	-0.13	0	0	0	0	0	0	0	0
1/15/2024 11:34	66703 STRA_T1	0	1	1	0	0	0	0.17	0.25	0	0	0	0	0	0
1/15/2024 11:34	45302 WBER_T2	1	1	0	0.1	0	-0.1	0.93	0.94	0	0	0	0	0	0
1/15/2024 11:36	60803 BUCK_T1	0	0	0	0	0	0	-2.18	-2.2	2	2	0	1200	1200	0
1/15/2024 11:36	45302 WBER_T2	1	1	0	0.1	0	-0.1	0.93	0.94	0	0	0	0	0	0
1/15/2024 11:36	67503 WEWI_T2	0	0	0	0	0	0	0.1	0.11	0	0	0	0	0	0
1/15/2024 11:37	67702 WERN_T2	0	0	0	0	0	0	-0.01	-0.01	0	0	0	0	0	0
1/15/2024 11:38	53502 EVIL_T2	2	12	10	0.1	0	-0.1	0	0	0	0	0	0	0	0
1/15/2024 11:38	40201 BEGA_T2	1	1	0	0.9	0	-0.9	0	0	0	0	0	0	0	0
1/15/2024 11:38	21202 ECAR_T2	9	11	2	1.04	0.61	-0.43	0	0	0	0	0	0	0	0
1/15/2024 11:38	66703 STRA_T1	0	1	1	0	0	0	0.17	0.25	0	0	0	0	0	0
1/15/2024 11:39	46803 HEPB_T2	0	2	2	0	0.3	0.3	0	0	0	0	0	0	0	0
1/15/2024 11:39	60803 BUCK_T1	0	0	0	0	0	0	-1.1	-1.11	1	1	0	600	600	0
1/15/2024 11:40	53502 EVIL_T2	2	12	10	0.1	0	-0.1	0	0	0	0	0	0	0	0
1/15/2024 11:40	20602 GRWO_T2	21	17	-4	0.58	0.38	-0.2	0	0	0	0	0	0	0	0
1/15/2024 11:42	20603 GRWO_T2	20	20	0	3.24	2.34	-0.9	0	0	0	0	0	0	0	0
1/15/2024 11:42	59003 MIFF_T1	0	0	0	0	0	0	-1.88	-1.09	0	0	0	0	0	0
1/15/2024 11:42	53501 EVIL_T2	2	5	3	0.75	0.58	-0.17	-1.98	-2	3	3	0	2100	2100	0
1/15/2024 11:42	53502 EVIL_T2	2	12	10	0.1	0	-0.1	0.07	0.02	2	2	0	1200	1200	0
1/15/2024 11:42	42903 MIDD_T2	0	0	0	0	0	0	0.52	0.53	1	1	0	1200	1200	0
1/15/2024 11:42	12701 MACU_T1	0	0	0	0	0	0	-0.86	-0.86	1	1	0	1200	1200	0
1/15/2024 11:43	13503 MCMI_T2	254	333	79	1.73	1.85	0.12	0.53	0.54	0	0	0	0	0	0
1/15/2024 11:43	42902 MIDD_T2	1	2	1	0.1	0	-0.1	-3	-2.47	4	4	0	2400	2400	0
1/15/2024 11:43	64801 MONE_T2	0	0	0	0	0	0	-0.4	-0.37	0	0	0	0	0	0
1/15/2024 11:44	13503 MCMI_T2	254	333	79	1.73	1.85	0.12	1.07	1.09	0	0	0	0	0	0
1/15/2024 11:44	12701 MACU_T1	0	0	0	0	0	0	-0.86	-0.86	1	1	0	1200	1200	0
1/15/2024 11:45	15604 NSTR_T1	18	77	59	0.59	0.48	-0.11	-0.32	-0.26	0	0	0	0	0	0
1/15/2024 11:46	42903 MIDD_T2	0	1	1	0	0.2	0.2	0	0	0	0	0	0	0	0
1/15/2024 11:46	12701 MACU_T1	0	0	0	0	0	0	-1.72	-1.72	2	2	0	2400	2400	0
1/15/2024 11:48	41902 REED_T1	14	10	-4	0.48	0.33	-0.15	0	0	0	0	0	0	0	0
1/15/2024 11:51	61102 BERK_T5	0	0	0	0	0	0	0.85	0.89	1	1	0	300	300	0
1/15/2024 11:52	29402 BELT_T1	1	1	0	6	6.4	0.4	0	0	0	0	0	0	0	0
1/15/2024 11:54	21202 ECAR_T2	10	10	0	0.97	0.81	-0.16	0	0	0	0	0	0	0	0
1/15/2024 11:54	40101 HUNT_T2	379	445	66	0.98	1.14	0.16	-1.23	-1.13	0	0	0	0	0	0
1/15/2024 11:54	29401 BELT_T1	0	2	2	0	0.15	0.15	0	0	0	0	0	0	0	0
1/15/2024 11:56	40101 HUNT_T2	379	445	66	0.98	1.14	0.16	-2.47	-2.26	0	0	0	0	0	0
1/15/2024 11:57	64203 KINZ_T1	4	4	0	0.48	0	-0.48	0	0	0	0	0	0	0	0
1/15/2024 11:57	59003 MIFF_T1	0	0	0	0	0	0	-1.09	-2.35	0	0	0	0	0	0
1/15/2024 11:58	40101 HUNT_T2	379	445	66	0.98	1.14	0.16	-2.47	-2.26	0	0	0	0	0	0
1/15/2024 11:58	13503 MCMI_T2	329	345	16	1.58	1.59	0.01	0.54	0.51	0	0	0	0	0	0
1/15/2024 11:58	64204 KINZ_T1	1	1	0	0.4	0.5	0.1	0	0	0	0	0	0	0	0
1/15/2024 11:58	52102 MEIS_T1	3	2	-1	0.17	0.15	-0.02	0	0	1	1	0	450	450	0
1/15/2024 11:59	64201 KINZ_T1	0	0	0	0	0	0	-2.05	-1.94	8	8	0	4200	4200	0
1/15/2024 12:00	13503 MCMI_T2	258	340	82	2.15	0.98	-1.17	1.09	1.02	0	0	0	0	0	0
1/15/2024 12:00	50501 MECH_T1	4	1	-3	0.93	0.1	-0.83	0	0	0	0	0	0	0	0
1/15/2024 12:01	15604 NSTR_T1	71	74	3	0.54	0.45	-0.09	-0.26	-0.22	0	0	0	0	0	0
1/15/2024 12:02	67204 TEHI_T2	0	0	0	0	0	0	0.14	0.12	0	0	0	0	0	0
1/15/2024 12:06	61102 BERK_T5	0	0	0	0	0	0	0.89	0.84	1	1	0	300	300	0
1/15/2024 12:10	21202 ECAR_T2	9	10	1	0.93	0.67	-0.26	0	0	0	0	0	0	0	0
1/15/2024 12:10	40101 HUNT_T2	438	420	-18	1.31	0.8	-0.51	-1.13	-1.2	0	0	0	0	0	0
1/15/2024 12:12	40101 HUNT_T2	438	420	-18	1.31	0.8	-0.51	-1.39	-3.6	0	0	0	0	0	0
1/15/2024 12:13	59003 MIFF_T1	0	0	0	0	0	0	-2.35	-1.56	0	0	0	0	0	0
1/15/2024 12:14	13503 MCMI_T2	258	340	82	2.15	0.98	-1.17	0.51	0.45	0	0	0	0	0	0
1/15/2024 12:14	42903 MIDD_T2	0	2	2	0	0.4	0.4	-0.13	-0.17	1	1	0	1200	1200	0
1/15/2024 12:14	42903 MIDD_T2	0	2	2	0	0.4	0.4	-0.13	-0.17	1	1	0	1200	1200	0
1/15/2024 12:15	42902 MIDD_T2	0	0	0	0	0	0	-1.38	-1.29	2	2	0	1200	1200	0
1/15/2024 12:15	64801 MONE_T2	0	0	0	0	0	0	-0.38	-0.4	0	0	0	0	0	0
1/15/2024 12:16	13503 MCMI_T2	336	267	-69	1.36	1.09	-0.27	0.51	0.45	0	0	0	0	0	0
1/15/2024 12:16	39601 LNFD_T1	6	11	5	0.18	0	-0.18	0	0	1	1	0	900	900	0
1/15/2024 12:17	15604 NSTR_T1	69	59	-10	0.51	0.44	-0.07	-0.22	-0.25	0	0	0	0	0	0
1/15/2024 12:20	40101 HUNT_T2	419	371	-48	1.14	0.79	-0.35	-1.13	-1.2	0	0	0	0	0	0
1/15/2024 12:25	21206 ECAR_T2	5	2	-3	1.78	8.2	6.42	1.88	1.93	0	0	0	0	0	0
1/15/2024 12:26	20602 GRWO_T2	8	21	13	0.76	0.4	-0.36	0	0	0	0	0	0	0	0
1/15/2024 12:26	11104 EGYP_T1	4	2	-2	0.63	1	0.37	0.6	0.56	0	0	0	0	0	0
1/15/2024 12:28	20602 GRWO_T2	8	21	13	0.76	0.4	-0.36	0	0	0	0	0	0	0	0
1/15/2024 12:32	14403 SSLA_T1	0	0	0	0	0	0	1.11	1.19	0	0	0	0	0	0
1/15/2024 12:35	14403 SSLA_T1	0	0	0	0	0	0	1.11	1.19	0	0	0	0	0	0
1/15/2024 12:37	11104 EGYP_T1	2	3	1	0.55	0	-0.55	0	0	0	0	0	0	0	0
1/15/2024 12:37	67605 WARW_T1	0	0	0	0	0	0	-0.97	-0.95	0	0	0	0	0	0
1/15/2024 12:43	59003 MIFF_T1	0	0	0	0	0	0	-1.14	-0.95	0	0	0	0	0	0
1/15/2024 12:45	59003 MIFF_T1	0	0	0	0	0	0	-1.14	-0.95	0	0	0	0	0	0
1/15/2024 12:50	41902 REED_T1	1	6	5	0.1	0.1	0	0	0	0	0	0	0	0	0
1/15/2024 12:57	42901 MIDD_T2	0	2	2	0	0	0	0	0	0	0	0	0	0	0
1/15/2024 13:00	65604 QVIL_T2	0	0	0	0	0	0	0.11	0.13	0	0	0	0	0	0
1/15/2024 13:01	42901 MIDD_T2	0	2	2	0	0	0	0	0	0	0	0	0	0	0
1/15/2024 13:01	42901 MIDD_T2	0	2	2	0	0	0	0	0	0	0	0	0	0	0
1/15/2024 13:02	42901 MIDD_T2	0	2	2	0	0	0	0	0	0	0	0	0	0	0
1/15/2024 13:03	13302 ORVI_T2	0	0	0	0	0	0	1.27	1.28	0	0	0	0	0	0
1/15/2024 13:07	53501 EVIL_T2	2	8	6	0.1	1.14	1.04	-1.85	-1.78	3	3	0	2100	2100	0
1/15/2024 13:10	53501 EVIL_T2	2	8	6	0.1	1.14	1.04	-3.56	-3.84	6	6	0	4200	4200	0
1/15/2024 13:10	53502 EVIL_T2	10	1	-9	0.56	0.9	0.34	0.02	0	2	2	0	1200	1200	0
1/15/2024 13:13	53501 EVIL_T2	2	8	6	0.1	1.14	1.04	-1.78	-1.92	3	3	0	2100	2100	0
1/15/2024 13:19	66703 STRA_T1	0	0	0	0	0	0	0.21	0.17	0	0	0	0	0	0
1/15/2024 13:28	44502 HAMI_T2	22	1	-21	1.84	2.4	0.56	0	0	0	0	0	0	0	0
1/15/2024 13:34	28604 BLYT_T2	0	0	0	0	0	0	-1.27	-1.29	0	0	0	0	0	0
1/15/2024 13:42	12701 MACU_T1	0	0	0	0	0	0	-0.9	-0.9	1	1	0	1200	1200	0
1/15/2024 13:42	59003 MIFF_T1	0	0	0	0	0	0	-1.17	-1.82	0	0	0	0	0	0
1/15/2024 13:43	12701 MACU_T1	0	0	0	0	0	0	-0.9	-0.9	1	1	0	1200	1200	0
1/15/2024 13:45	12701 MACU_T1	0	0	0	0	0	0	-0.9	-0.9	1	1	0	1200	1200	0
1/15/2024 13:48	65604 QVIL_T2	0	0	0	0	0	0	0.11	0.08	0	0	0	0	0	0
1/15/2024 13:52	60701 BREC_T1	4	7	3	0.3	0.38	0.08	-0.1	-0.14	2	2	0	1200	1200	0
1/15/2024 13:54	60101 COCA_T1	0	0	0	0	0	0	-0.02	0	2	2	0	1200	1200	0
1/15/2024 13:59	60101 COCA_T1	0	0	0	0	0	0	-0.01	0	1	1	0	600	600	0
1/15/2024 14:03	43705 WILL_T1	2	2	0	2.3	2.25	-0.05	0	0	0	0	0	0	0	0
1/15/2024 14:06	40502 CRES_T2	0	5	5	0	0.18	0.18	-2.33	-2.47	0	0	0	0	0	0
1/15/2024 14:08	40502 CRES_T2	0	5	5	0	0.18	0.18	-1.41	-1.27	0	0	0	0	0	0
1/15/2024 14:08	60701 BREC_T1	7	6	-1	0.4	0	-0.4	-0.14	-0.16	2	2	0	1200	1200	0
1/15/2024 14:09	60101 COCA_T1	0	0	0	0	0	0	0	0.59	1	0	-1	600	0	-600
1/15/2024 14:10	60101 COCA_T1	0	0	0	0	0	0	0	0.59	1	0	-1	600	0	-600
1/15/2024 14:10	40502 CRES_T2	0	5	5	0	0.18	0.18	-1.41	-1.27	0	0	0	0	0	0
1/15/2024 14:11	53502 EVIL_T2	1	0	-1	0.2	0	-0.2	0	0	0	0	0	0	0	0
1/15/2024 14:12	40502 CRES_T2	0	5	5	0	0.18	0.18	-1.06	-0.95	0	0	0	0	0	0
1/15/2024 14:12	53502 EVIL_T2	1	0	-1	0.2	0	-0.2	0	0	0	0	0	0	0	0
1/15/2024 14:12	46101 MACI_T2	0	1	1	0	0.1	0.1	0.04	-0.04	1	1	0	1200	1200	0
1/15/2024 14:13	53502 EVIL_T2	1	0	-1	0.2	0	-0.2	0	0	0	0	0	0	0	0
1/15/2024 14:14	58402 MORO_T1	1	0	-1	1.3	0	-1.3	0	0	0	0	0	0	0	0
1/15/2024 14:14	21901 HUMB_T1	0	3	3	0	0.8	0.8	-1.96	-2.02	0	0	0	0	0	0
1/15/2024 14:14	47401 PENS_T1	0	18	18	0	0.17	0.17	0.82	0.86	0	0	0	0	0	0
1/15/2024 14:15	60101 COCA_T1	0	0	0	0	0	0	0	0.59	1	0	-1	600	0	-600
1/15/2024 14:16	47401 PENS_T1	0	18	18	0	0.17	0.17	2.46	2.58	0	0	0	0	0	0
1/15/2024 14:17	47401 PENS_T1	0	18	18	0	0.17	0.17	1.64	1.72	0	0	0	0	0	0
1/15/2024 14:18	47401 PENS_T1	0	18	18	0	0.17	0.17	0.82	0.86	0	0	0	0	0	0
1/15/2024 14:18	60502 NMAN_T2	0	0	0	0	0	0	-0.09	-0.09	0	0	0	0	0	0
1/15/2024 14:18	58402 MORO_T1	0	0	0	0	0	0	-0.67	-0.72	3	3	0	2400	2400	0
1/15/2024 14:18	48302 ORWI_T2	1	1	0	2.9	0	-2.9	-0.33	-0.32	0	0	0	0	0	0
1/15/2024 14:20	29402 BELT_T1	1	3	2	6.9	4.4	-2.5	0	0	0	0	0	0	0	0
1/15/2024 14:21	44301 BEAV_T2	3	2	-1	0.33	0	-0.33	1.16	-1.04	6	3	-3	4500	1800	-2700
1/15/2024 14:22	40502 CRES_T2	4	9	5	0.13	0.17	0.04	3.53	3.18	0	0	0	0	0	0
1/15/2024 14:22	42601 TUSC_T1	12	12	0	0.64	0.86	0.22	-0.86	-0.94	2	2	0	1800	1800	0
1/15/2024 14:22	44301 BEAV_T2	3	2	-1	0.33	0	-0.33	0.39	-0.35	2	1	-1	1500	600	-900
1/15/2024 14:23	44301 BEAV_T2	3	2	-1	0.33	0	-0.33	-1.04	0.12	6	3	-3	4500	1800	-2700
1/15/2024 14:24	29401 BELT_T1	14	21	7	0.18	0.14	-0.04	0	0	1	1	0	900	900	0
1/15/2024 14:24	40502 CRES_T2	4	9	5	0.13	0.17	0.04	-1.59	-1.64	0	0	0	0	0	0
1/15/2024 14:26	40502 CRES_T2	4	9	5	0.13	0.17	0.04	-1.27	-1.31	0	0	0	0	0	0
1/15/2024 14:26	64201 KINZ

1/15/2024 14:46	47401 PENS_T1	1	0	-1	0.2	0	-0.2	0.82	0.8	0	0	0	0	0	0
1/15/2024 14:46	58401 MORO_T1	0	0	0	0	0	0	-1.63	-1.64	1	1	0	600	600	0
1/15/2024 14:46	52102 MEIS_T1	1	3	2	0.2	0.13	-0.07	0	0	1	1	0	450	450	0
1/15/2024 14:47	47401 PENS_T1	0	1	-1	0.2	0	-0.2	0.82	0.8	0	0	0	0	0	0
1/15/2024 14:47	64801 MONE_T2	0	0	0	0	0	0	-0.4	-0.35	0	0	0	0	0	0
1/15/2024 14:47	46302 ROHR_T1	1	6	5	0.2	0.24	0.04	0	0	0	0	0	0	0	0
1/15/2024 14:48	47403 PENS_T1	0	1	1	0	2.1	2.1	0	0	0	0	0	0	0	0
1/15/2024 14:49	47401 PENS_T1	1	0	-1	0.2	0	-0.2	0.82	0.8	0	0	0	0	0	0
1/15/2024 14:50	40502 CRES_T2	9	3	-6	0.17	0.17	0	-0.33	-0.35	0	0	0	0	0	0
1/15/2024 14:51	60801 BUCK_T1	0	0	0	0	0	0	-0.36	-0.33	1	1	0	600	600	0
1/15/2024 14:52	60801 BUCK_T1	0	0	0	0	0	0	-0.36	-0.33	1	1	0	600	600	0
1/15/2024 14:54	40502 CRES_T2	9	3	-6	0.17	0.17	0	-3.12	-2.7	0	0	0	0	0	0
1/15/2024 14:56	60801 BUCK_T1	0	0	0	0	0	0	-0.33	-0.4	1	1	0	600	600	0
1/15/2024 14:56	40502 CRES_T2	9	3	-6	0.17	0.17	0	-0.69	-0.6	0	0	0	0	0	0
1/15/2024 14:58	64204 KINZ_T1	1	0	-1	1.1	0.9	-0.2	0	0	0	0	0	0	0	0
1/15/2024 14:58	60602 NCOL_T2	2	0	-2	0.95	0	-0.95	0	0	0	0	0	0	0	0
1/15/2024 14:59	46903 MNTG_T2	0	0	0	0	0	0	0.01	-0.05	1	1	0	600	600	0
1/15/2024 14:59	15604 NSTR_T1	8	27	19	0.56	1.13	0.57	-0.31	-0.34	0	0	0	0	0	0
1/15/2024 15:00	48302 ORWI_T2	0	0	0	0	0	0	-0.36	-0.36	0	0	0	0	0	0
1/15/2024 15:00	46903 MNTG_T2	0	0	0	0	0	0	0.01	-0.05	1	1	0	600	600	0
1/15/2024 15:06	40502 CRES_T2	3	4	1	0.17	0.17	0	-0.35	-0.3	0	0	0	0	0	0
1/15/2024 15:08	40502 CRES_T2	3	4	1	0.17	0.17	0	-0.3	-0.37	0	0	0	0	0	0
1/15/2024 15:08	51108 CARL_T1	1	1	0	0.2	0.3	0.1	0	0	0	0	0	0	0	0
1/15/2024 15:09	51108 CARL_T1	1	1	0	0.2	0.3	0.1	0	0	0	0	0	0	0	0
1/15/2024 15:14	64201 KINZ_T1	1	1	0	4.6	3.4	-1.2	0	0	0	0	0	0	0	0
1/15/2024 15:16	46903 MNTG_T2	0	0	0	0	0	0	-0.05	-0.09	1	1	0	600	600	0
1/15/2024 15:18	52504 PROG_T1	3	2	-1	0.1	0.1	0	0	0	0	0	0	0	0	0
1/15/2024 15:19	64101 REFR_T1	0	0	0	0	0	0	0.11	0.14	0	0	0	0	0	0
1/15/2024 15:20	64101 REFR_T1	0	0	0	0	0	0	0.11	0.14	0	0	0	0	0	0
1/15/2024 15:20	67402 WAKE_T2	0	0	0	0	0	0	-0.22	-0.2	1	1	0	600	600	0
1/15/2024 15:22	53601 DALM_T2	1	1	0	0.3	0.3	0	-0.72	-0.85	1	1	0	600	600	0
1/15/2024 15:22	67901 WNHO_T2	0	0	0	0	0	0	-0.35	-0.42	1	1	0	900	900	0
1/15/2024 15:22	40502 CRES_T2	3	4	1	0.17	0.17	0	-0.3	-0.37	0	0	0	0	0	0
1/15/2024 15:22	67402 WAKE_T2	0	0	0	0	0	0	-0.22	-0.2	1	1	0	600	600	0
1/15/2024 15:26	40502 CRES_T2	3	4	1	0.17	0.17	0	-0.73	-0.78	0	0	0	0	0	0
1/15/2024 15:26	67402 WAKE_T2	0	0	0	0	0	0	-0.2	-0.23	1	1	0	600	600	0
1/15/2024 15:28	42901 MIDD_T2	0	1	1	0	0	0	0	0	0	0	0	0	0	0
1/15/2024 15:35	66703 STRA_T1	0	0	0	0	0	0	0.13	0.16	0	0	0	0	0	0
1/15/2024 15:38	40502 CRES_T2	2	7	5	0.1	0.2	0.1	-0.39	-0.41	0	0	0	0	0	0
1/15/2024 15:42	59301 MCAL_T1	2	2	0	0.5	0.45	-0.05	0	0	0	0	0	0	0	0
1/15/2024 15:42	15404 WALL_T1	0	0	0	0	0	0	0.01	0.01	0	0	0	0	0	0
1/15/2024 15:44	15404 WALL_T1	0	0	0	0	0	0	0.02	0.02	0	0	0	0	0	0
1/15/2024 15:44	12701 MACU_T1	0	0	0	0	0	0	-0.97	-0.96	1	1	0	1200	1200	0
1/15/2024 15:45	15402 WALL_T1	0	1	1	0	0	0	0	0	0	0	0	0	0	0
1/15/2024 15:46	15404 WALL_T1	0	0	0	0	0	0	0.01	0.01	0	0	0	0	0	0
1/15/2024 15:49	12701 MACU_T1	0	0	0	0	0	0	-0.97	-0.96	1	1	0	1200	1200	0
1/15/2024 15:51	56802 BENV_T2	0	0	0	0	0	0	-1.16	-1.22	0	0	0	0	0	0
1/15/2024 15:53	60701 BREC_T1	0	28	28	0	0.15	0.15	-1.42	-1.73	4	2	-2	2400	1200	-1200
1/15/2024 15:54	60701 BREC_T1	0	28	28	0	0.15	0.15	-0.86	-0.27	2	1	-1	1200	600	-600
1/15/2024 15:55	60701 BREC_T1	0	28	28	0	0.15	0.15	-0.86	-0.27	2	1	-1	1200	600	-600
1/15/2024 15:56	53502 EVIL_T2	0	11	11	0	1.7	1.7	0	0	0	0	0	0	0	0
1/15/2024 15:58	60701 BREC_T1	0	28	28	0	0.15	0.15	-0.86	-0.27	2	1	-1	1200	600	-600
1/15/2024 16:01	64305 LINC_T1	0	0	0	0	0	0	-0.29	-0.33	0	0	0	0	0	0
1/15/2024 16:03	53101 WTWN_T1	1	1	0	1.4	1.3	-0.1	0	0	0	0	0	0	0	0
1/15/2024 16:03	67204 TEHI_T2	0	0	0	0	0	0	0.13	0.08	0	0	0	0	0	0
1/15/2024 16:04	56504 ROCK_T2	7	2	-5	0.7	0.1	-0.6	0.1	0.09	0	0	0	0	0	0
1/15/2024 16:04	53102 WTWN_T1	8	0	-8	0.46	0	-0.46	-0.48	-0.47	0	0	0	0	0	0
1/15/2024 16:04	63403 HONY_T2	0	0	0	0	0	0	0.13	0.17	0	0	0	0	0	0
1/15/2024 16:11	52402 GRPA_T2	6	13	7	0.7	0.59	-0.11	0	0	0	0	0	0	0	0
1/15/2024 16:13	52401 GRPA_T2	2	4	2	0.35	0.4	0.05	-0.38	-0.36	0	0	0	0	0	0
1/15/2024 16:14	59301 MCAL_T1	2	2	0	0.25	0.55	0.3	0	0	0	0	0	0	0	0
1/15/2024 16:15	52403 GRPA_T2	33	69	36	0.55	0.57	0.02	0	0	0	0	0	0	0	0
1/15/2024 16:15	13503 MCMI_T2	222	265	43	0.95	1.09	0.14	0.48	0.47	0	0	0	0	0	0
1/15/2024 16:30	67103 SPRI_T1	0	0	0	0	0	0	0	-0.04	0	0	0	0	0	0
1/15/2024 16:51	67901 WNHO_T2	0	0	0	0	0	0	-0.5	-0.59	1	1	0	900	900	0
1/15/2024 16:56	64204 KINZ_T1	1	1	0	0.8	0.5	-0.3	0	0	0	0	0	0	0	0
1/15/2024 17:14	22801 HAUT_T2	513	713	200	1.41	1.43	0.02	-1.11	-1.08	1	1	0	1200	1200	0
1/15/2024 18:13	46803 HEPB_T2	0	20	20	0	0.28	0.28	0	0	0	0	0	0	0	0
1/15/2024 18:31	65604 QVIL_T2	0	7	7	0	0	0	-0.16	-0.18	0	0	0	0	0	0
1/15/2024 18:35	60801 BUCK_T1	0	0	0	0	0	0	-0.76	-0.76	1	1	0	600	600	0
1/15/2024 18:38	64203 KINZ_T1	0	2	2	0	0	0	-1.27	-1.32	2	2	0	1800	1800	0
1/15/2024 18:40	67402 WAKE_T2	0	0	0	0	0	0	-0.21	-0.23	1	1	0	600	600	0
1/15/2024 18:40	67502 WEWI_T2	0	0	0	0	0	0	-1.12	-1.19	1	1	0	900	900	0
1/15/2024 18:42	13503 MCMI_T2	321	364	43	1.4	1.37	-0.03	0.51	0.55	0	0	0	0	0	0
1/15/2024 18:42	29402 BELT_T1	1	1	0	6.6	6.7	0.1	0	0	0	0	0	0	0	0
1/15/2024 18:44	60803 BUCK_T1	0	0	0	0	0	0	-1.09	-1.09	1	1	0	600	600	0
1/15/2024 18:44	13503 MCMI_T2	321	364	43	1.4	1.37	-0.03	0.51	0.55	0	0	0	0	0	0
1/15/2024 18:44	64204 KINZ_T1	1	1	0	0.8	0.6	-0.2	0	0	0	0	0	0	0	0
1/15/2024 18:44	15604 NSTR_T1	113	94	-19	0.72	0.49	-0.23	-0.23	-0.28	0	0	0	0	0	0
1/15/2024 18:44	16402 MOPO_T1	15	47	32	0.71	0.76	0.05	0.31	0.32	0	0	0	0	0	0
1/15/2024 18:46	64202 KINZ_T1	0	0	0	0	0	0	0.62	0.64	0	0	0	0	0	0
1/15/2024 18:46	67502 WEWI_T2	0	0	0	0	0	0	-1.12	-1.19	1	1	0	900	900	0
1/15/2024 18:46	42601 TUSC_T1	0	0	0	0	0	0	-1.35	-1.2	2	2	0	1800	1800	0
1/15/2024 18:46	60803 BUCK_T1	0	0	0	0	0	0	-1.09	-1.09	1	1	0	600	600	0
1/15/2024 18:48	27502 WEIS_T2	1	4	3	0.6	0.3	-0.3	-0.34	-0.25	0	0	0	0	0	0
1/15/2024 18:48	20602 GRWO_T2	0	10	10	0	0.23	0.23	0	0	0	0	0	0	0	0
1/15/2024 18:48	64203 KINZ_T1	2	5	3	0.1	0	-0.1	0	0	0	0	0	0	0	0
1/15/2024 18:48	13503 MCMI_T2	286	424	138	1.46	1.24	-0.22	0.51	0.55	0	0	0	0	0	0
1/15/2024 18:48	29402 BELT_T1	1	1	0	6.7	6.7	0	0	0	0	0	0	0	0	0
1/15/2024 18:48	64801 MONE_T2	0	0	0	0	0	0	-0.33	-0.33	0	0	0	0	0	0
1/15/2024 18:48	44302 BEAV_T2	0	7	7	0	0	0	0	0	0	0	0	0	0	0
1/15/2024 18:49	28701 HAML_T2	1	4	3	0.6	0.53	-0.07	0	0	0	0	0	0	0	0
1/15/2024 18:49	60801 BUCK_T1	0	0	0	0	0	0	-0.76	-0.77	1	1	0	600	600	0
1/15/2024 18:49	11104 EGYP_T1	1	0	-1	0.5	0	-0.5	-0.32	-0.35	1	1	0	900	900	0
1/15/2024 18:50	64203 KINZ_T1	2	5	3	0.1	0	-0.1	0	0	0	0	0	0	0	0
1/15/2024 18:50	39601 LNFD_T1	27	22	-5	1.56	1.04	-0.52	0	0	1	1	0	900	900	0
1/15/2024 18:50	40502 CRES_T2	10	9	-1	0.28	0.27	-0.01	-0.31	-0.34	0	0	0	0	0	0
1/15/2024 18:50	15604 NSTR_T1	72	107	35	0.53	0.52	-0.01	-0.23	-0.28	0	0	0	0	0	0
1/15/2024 18:51	60803 BUCK_T1	0	0	0	0	0	0	-1.09	-1.09	1	1	0	600	600	0
1/15/2024 18:51	16401 MOPO_T1	3	3	0	0.5	0.2	-0.3	0	0	0	0	0	0	0	0
1/15/2024 18:52	29401 BELT_T1	30	24	-6	0.24	0.2	-0.04	0	0	1	1	0	900	900	0
1/15/2024 18:52	64101 REFR_T1	0	0	0	0	0	0	0.14	0.12	0	0	0	0	0	0
1/15/2024 18:54	21206 ECAR_T2	2	5	3	3.85	3.9	0.05	1.68	1.66	0	0	0	0	0	0
1/15/2024 18:54	26803 JAFR_T1	1	1	0	1.6	1.5	-0.1	-0.16	-0.14	1	1	0	900	900	0
1/15/2024 18:54	42601 TUSC_T1	0	0	0	0	0	0	-1.2	-1.23	2	2	0	1800	1800	0
1/15/2024 18:54	41801 GOCI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1/15/2024 18:54	15406 WALL_T1	1	1	0	0.5	0.7	0.2	0	0	0	0	0	0	0	0
1/15/2024 18:55	14403 SSLA_T1	2	2	0	0.25	0	-0.25	1.08	1.11	0	0	0	0	0	0
1/15/2024 18:55	13503 MCMI_T2	286	424	138	1.46	1.24	-0.22	0.55	0.52	0	0	0	0	0	0
1/15/2024 18:55	11104 EGYP_T1	1	0	-1	0.5	0	-0.5	-0.35	-0.3	1	1	0	900	900	0
1/15/2024 18:55	64101 REFR_T1	0	0	0	0	0	0	0.12	0.14	0	0	0	0	0	0
1/15/2024 18:55	60201 ATGL_T2	0	0	0	0	0	0	-0.42	-0.42	2	2	0	900	900	0
1/15/2024 18:55	66703 STRA_T1	0	2	2	0	0.35	0.35	-0.06	-0.01	0	0	0	0	0	0
1/15/2024 18:55	60305 TWVA_T2	0	0	0	0	0	0	0.86	0.91	0	0	0	0	0	0
1/15/2024 18:56	20403 ASHF_T2	0	1	1	0	0	0	0.71	0.68	0	0	0	0	0	0
1/15/2024 18:56	40201 BEGA_T2	4	2	-2	0.55	0	-0.55	0	0	0	0	0	0	0	0
1/15/2024 18:56	64902 MILL_T2	0	0	0	0	0	0	-1.22	-1.23	1	1	0	900	900	0
1/15/2024 18:56	40502 CRES_T2	10	9	-1	0.28	0.27	-0.01	-0.34	-0.34	0	0	0	0	0	0
1/15/2024 18:56	64101 REFR_T1	0	0	0	0	0	0	0.12	0.14	0	0	0	0	0	0
1/15/2024 18:56	48302 ORWI_T2	5	5	0	1	0	-1	-0.38	-0.39	0	0	0	0	0	0
1/15/2024 18:56	46101 MACI_T2	3	8	5	0.13	0.16	0.03	-0.32	-0.52	1	1	0	1200	1200	0
1/15/2024 18:56	45801 HEGI_T1	0	4	4	0	0	0	-1.42	-1.27	2	2	0	1800	1800	0
1/15/2024 18:56	40101 HUNT_T2	439	390	-49	1.42	1	-0.42	-1.47	-1.48	0	0	0	0	0	0
1/15/2024 18:57	64101 REFR_T1	0	0	0	0	0	0	0.12	0.14	0	0	0	0	0	0
1/15/2024 18:57	66504 SMAN_T2	0	0	0	0	0	0	-0.21	-0.29	0	0	0	0	0	0
1/15/2024 18:57	57401 SPAN_T1	0	0	0	0	0	0	-1.09	-1.03	1	1	0	600	600	0
1/15/2024 18:57	28805 LAKE_T1	0	0	0	0	0	0	-0.16	-0.17	0	0	0	0	0	0
1/15/2024 18:57	67503 WEWI_T2	0	0	0	0	0	0	0.13	0.09	0	0	0	0	0	0
1/15/2024 18:58	64201 KINZ_T1	0	0	0	0	0	0	-1.13	-1.24	3	3	0	1500	1500	0
1/15/2024 18:58	60701 BREC_T1	0	1	1	0	0	0	-0.28	-0.3	1	1	0	600	600	0
1/15/2024 18:58	60801 BUCK_T1	0	0	0	0	0	0	-0.77	-0.76	1	1	0	600	600	0
1/15/2024 18:58	22803 HAUT_T2	416	398	-18	1.56	1.34	-0.22	0	0	0	0	0	0	0	0
1/15/2024 18:58	12701 MACU_T1	0	0	0	0	0	0	-0.92	-0.94	1	1	0	1200	1200	0
1/15/2024 18:58	40603 PIGR_T1	0	1	1	0	0.2	0.2	1.03	1	0	0	0	0	0	0
1/15/2024 18:58	44901 SCOT_T2	0	0	0	0	0	0	-0.75	-0.74	0	0	0	0	0	0
1/15/2024 18:58	43401 BENT_T1	1	3	2	0.6	0.1	-0.5	0	0	0	0	0	0	0	0
1/15/2024 18:58	45801 HEGI_T1	0	0	0	0	0	0	-0.71	-0.64	1	1	0	900	900	0
1/15/2024 18:58	40502 CRES_T2	10	9	-1	0.28	0.27	-0.01	-0.68	-0.67	0	0	0	0	0	0
1/15/2024 18:58	53501 EVIL_T2	3	3	0	0.87	0.93	0.06	-1.13	-1.11	2	2	0	1200	1200	0
1/15/2024 18:58	52102 MEIS_T1	0	0	0	0	0	0	0	0	1	1	0	450	450	0
1/15/2024 18:58	41801 GOCI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1/15/2024 18:59	62606 ENGL_T1	1	2	1	0.8	0	-0.8	0	0	0	0	0	0	0	0
1/15/2024 18:59	63404 HONY_T1	2	2	0	6.3	6.15	-0.15	0	0	0	0	0	0	0	0
1/15/2024 18:59	53501 EVIL_T2	3	3	0	0.87	0.93	0.06	-1.13	-1.11	2	2	0	1200	1200	0
1/15/2024 18:59	12701 MACU_T1	0	0	0	0	0	0	-0.92	-0.94	1	1	0	1200	1200	0
1/15/2024 18:59	67103 SPRI_T1	0	0	0	0	0	0	-0.04	-0.04	0	0	0	0	0	0
1/15/2024 18:59	52004 LING_T2	1	1	0	1.6	1.3	-0.3	0	0	0	0	0	0	0	0
1/15/2024 18:59	57401 SPAN_T1	0	0	0	0	0	0	-1.09	-1.03	1	1	0	600	600	0
1/15/2024 19:00	20401 ASHF_T2	1	1	0	0.3	0	-0.3	0	0	0	0	0	0	0	0
1/15/2024 19:00	53903 HALI_T2	2	2	0	0.9	0.65	-0.25	0	0	0	0	0	0	0	0
1/15/2024 19:00	47402 PENS_T1	2	3	1	0.35	0	-0.35	0	0	0	0	0	0	0	0
1/15/2024 19:00	45802 HEGI_T2	4	8	4	0.2	0.34	0.14	0	0	0	0	0	0	0	0
1/15/2024 19:00	60801 BUCK_T1	0	1	1	0	0	0	-0.77	-0.76	1	1	0	600	600	0
1/15/2024 19:00	67103 SPRI_T1	0	0	0	0	0	0	-0.04	-0.04	0	0	0	0	0	0
1/15/2024 19:00	21901 HUMB_T1	4	7	3	0.35	0.45	0.1	-1.63	-1.63	0	0	0	0	0	0
1/15/2024 19:00	27101 GFLD_T2	0	1	1	0	0	0	-0.3	-0.25	1	1	0	600	600	0
1/15/2024 19:00	64101 REFR_T1	0	0	0	0	0	0	0.12	0.14	0	0	0	0	0	0
1/15/2024 19:00	15404 WALL_T1	0	0	0	0	0	0	-1.66	-1.64	0	0	0	0	0	0
1/15/2024 19:00	67702 WERN_T2	0	0	0	0	0	0	-0.01	-0.05	0	0	0	0	0	0
1/15/2024 19:00	65001 SAKR_T2	1	1	0	8.5	8.5	0	-1.06	-1.07	1	1	0	900	900	0
1/15/2024 19:00	67502 WEWI_T2	0	0	0	0	0	0	-2.37	-2.37	2	2	0	1800	1800	0
1/15/2024 19:00	40502 CRES_T2	8	11	3	0.23	0.25	0.02	-0.68	-0.67	0	0	0	0	0	0
1/15/2024 19:00	53502 EVIL_T2	11	9	-2	1.15	0.19	-0.96	-0.64	-0.65	2	2	0	1200	1200	0
1/15/2024 19:00	40101 HUNT_T2	376	371	-5	1.09	0.88	-0.21	-1.47	-1.48	0	0	0	0	0	0
1/15/2024 19:00	55002 NEWP_T1	3	3	0	0.3	0.47	0.17	-0.13	-0.14	0	0	0	0	0	0
1/15/2024 19:00	56801 BENV_T1	3	15	12	0.2	0.58	0.38	-0.43	-0.41	1	1	0	600	600	0
1/15/2024 19:01	67702 WERN_T2	0	0	0	0	0	0	-0.01	-0.05	0	0	0	0	0	0
1/15/2024 19:01	67204 TEHI_T2	0	0	0	0	0	0	0.32	0.34	0	0	0	0	0	0
1/15/2024 19:01	15404 WALL_T1	0	0	0	0	0	0	-1.66	-1.64	0	0	0	0	0	0
1/15/2024 19:01	53601 DALM_T2	0	0	0	0	0	0	-0.59	-0.56	1	1	0	600	600	0
1/15/2024 19:01	56501 ROCK_T2	185	134	-51	0.26	0.22	-0.04	-2.05	-2.05	0	0	0	0	0	0
1/15/2024 19:01	56603 HAMP_T1	0	0	0	0	0	0	-1.01	-1.03	0	0	0	0	0	0
1/15/2024 19:01	44903 SCOT_T1	11	36	25	0.9	0.67	-0.23	-0.01	-0.01	0	0	0	0	0	0
1/15/2024 19:01	57401 SPAN_T1	0	0	0	0	0	0	-1.09	-1.03	1	1	0	600	600	0
1/15/2024 19:01	53102 WTWN_T1	0	0	0	0	0	0	-0.48	-0.48	0	0	0	0	0	0
1/15/2024 19:01	55002 NEWP_T1	3	3	0	0.3	0.47	0.17	-0.13	-0.14	0	0	0	0	0	0
1/15/2024 19:01	60701 BREC_T1	1	0	-1	1.2	0	-1.2	-0.28	-0.3	1	1	0	600	600	0
1/15/2024 19:02	45801 HEGI_T1	0	0	0

Appendix C - Grid Benefits Achieved in Each Instance of Active Management

1/15/2024 19:04	56501 ROCK_T2	185	134	-51	0.26	0.22	-0.04	-4.1	-4.11	0	0	0	0	0	0
1/15/2024 19:04	46301 ROHR_T1	1	1	0	1.1	1.8	0.7	0.2	0.22	0	0	0	0	0	0
1/15/2024 19:04	40101 HUNT_T2	376	371	-5	1.09	0.88	-0.21	-2.93	-2.97	0	0	0	0	0	0
1/15/2024 19:04	46301 ROHR_T1	1	1	0	1.1	1.8	0.7	0.2	0.22	0	0	0	0	0	0
1/15/2024 19:04	53901 HAU_T2	2	14	12	0.1	0.15	0.05	-1.38	-1.37	0	0	0	0	0	0
1/15/2024 19:04	56801 BENV_T1	3	15	12	0.2	0.58	0.38	-0.86	-0.82	2	2	0	1200	1200	0
1/15/2024 19:05	57303 MOAL_T2	1	1	0	7.4	7.6	0.2	0	0	0	0	0	0	0	0
1/15/2024 19:05	52401 GRPA_T2	29	9	-20	0.44	0	-0.44	-0.31	-0.29	0	0	0	0	0	0
1/15/2024 19:05	52403 GRPA_T2	29	56	27	0.64	0.44	-0.2	0.18	0.15	0	0	0	0	0	0
1/15/2024 19:05	63401 HONY_T1	0	0	0	0	0	0	-0.17	-0.29	1	1	0	600	600	0
1/15/2024 19:05	44903 SCOT_T1	11	36	25	0.9	0.67	-0.23	-0.01	-0.01	0	0	0	0	0	0
1/15/2024 19:05	52101 MEIS_T1	0	1	1	0	0.1	0.1	0	0	0	0	0	0	0	0
1/15/2024 19:05	55002 NEWP_T1	3	3	0	0.3	0.47	0.17	-0.13	-0.14	0	0	0	0	0	0
1/15/2024 19:05	52402 GRPA_T2	7	9	2	1.1	0.9	-0.2	0	0	0	0	0	0	0	0
1/15/2024 19:05	64101 REFR_T1	0	0	0	0	0	0	0.12	0.14	0	0	0	0	0	0
1/15/2024 19:05	67203 TEHI_T1	1	0	-1	0.4	0	-0.4	2.02	1.99	1	1	0	600	600	0
1/15/2024 19:05	56501 ROCK_T2	185	134	-51	0.26	0.22	-0.04	-2.05	-2.05	0	0	0	0	0	0
1/15/2024 19:05	44301 BEAV_T2	1	2	1	0.9	1.2	0.3	0.25	0.27	1	1	0	600	600	0
1/15/2024 19:05	57401 SPAN_T1	0	0	0	0	0	0	-1.09	-1.03	1	1	0	600	600	0
1/15/2024 19:06	59101 WALK_T2	1	0	-1	0.4	0	-0.4	1.3	1.4	1	1	0	450	450	0
1/15/2024 19:06	56802 BENV_T2	0	0	0	0	0	0	-2.33	-2.33	0	0	0	0	0	0
1/15/2024 19:06	46902 MNTG_T2	0	4	4	0	0.1	0.1	0	0	0	0	0	0	0	0
1/15/2024 19:06	47402 PENS_T1	2	3	1	0.35	0	-0.35	0	0	0	0	0	0	0	0
1/15/2024 19:06	40201 BEGA_T2	2	1	-1	0.25	0	-0.25	0	0	0	0	0	0	0	0
1/15/2024 19:06	56501 ROCK_T2	185	134	-51	0.26	0.22	-0.04	-4.1	-4.11	0	0	0	0	0	0
1/15/2024 19:06	53601 DALM_T2	0	0	0	0	0	0	-0.59	-0.56	1	1	0	600	600	0
1/15/2024 19:06	42701 AUGU_T1	53	56	3	0.62	0.57	-0.05	0	0	1	1	0	600	600	0
1/15/2024 19:06	28604 BLYT_T2	0	0	0	0	0	0	-1.28	-1.28	0	0	0	0	0	0
1/15/2024 19:06	41602 CLEV_T1	1	2	1	0.4	0	-0.4	0	0	0	0	0	0	0	0
1/15/2024 19:06	41801 GOCI_T2	0	2	2	0	0	0	0	0	0	0	0	0	0	0
1/15/2024 19:06	56801 BENV_T1	3	15	12	0.2	0.58	0.38	-1.28	-1.23	3	3	0	1800	1800	0
1/15/2024 19:06	40502 CRES_T2	8	11	3	0.23	0.25	0.02	-2.37	-2.35	0	0	0	0	0	0
1/15/2024 19:06	40603 PIGR_T1	1	3	2	0.3	0.1	-0.2	1.03	1	0	0	0	0	0	0
1/15/2024 19:06	57401 SPAN_T1	0	0	0	0	0	0	-1.09	-1.03	1	1	0	600	600	0
1/15/2024 19:06	64101 REFR_T1	0	0	0	0	0	0	0.12	0.14	0	0	0	0	0	0
1/15/2024 19:07	60701 BREC_T1	1	0	-1	1.2	0	-1.2	-0.28	-0.3	1	1	0	600	600	0
1/15/2024 19:07	59302 MCAL_T1	0	0	0	0	0	0	-1.18	-1.19	1	1	0	600	600	0
1/15/2024 19:07	60604 NCOL_T2	0	0	0	0	0	0	0.28	0.36	0	0	0	0	0	0
1/15/2024 19:07	42701 AUGU_T1	53	56	3	0.62	0.57	-0.05	0	0	1	1	0	600	600	0
1/15/2024 19:07	44903 SCOT_T1	11	36	25	0.9	0.67	-0.23	-0.01	-0.01	0	0	0	0	0	0
1/15/2024 19:07	47403 PENS_T1	0	1	1	0	2.3	2.3	0	0	0	0	0	0	0	0
1/15/2024 19:07	67103 SPRI_T1	0	0	0	0	0	0	-0.04	-0.04	0	0	0	0	0	0
1/15/2024 19:07	60501 NMAN_T2	3	3	0	3.63	3.87	0.24	0	0	0	0	0	0	0	0
1/15/2024 19:07	56501 ROCK_T2	185	134	-51	0.26	0.22	-0.04	-2.05	-2.05	0	0	0	0	0	0
1/15/2024 19:07	42901 MIDD_T2	0	1	1	0	0	0	0	0	0	0	0	0	0	0
1/15/2024 19:07	12701 MACU_T1	0	0	0	0	0	0	-0.92	-0.94	1	1	0	1200	1200	0
1/15/2024 19:07	45502 DERR_T2	1	4	3	0.4	0.6	0.2	0	0	0	0	0	0	0	0
1/15/2024 19:07	16302 ALPA_T2	0	0	0	0	0	0	-0.56	-0.54	0	0	0	0	0	0
1/15/2024 19:07	53901 HAU_T2	2	14	12	0.1	0.15	0.05	-2.75	-2.73	0	0	0	0	0	0
1/15/2024 19:07	59101 WALK_T2	1	0	-1	0.4	0	-0.4	2.6	2.81	2	2	0	900	900	0
1/15/2024 19:07	28805 LAKE_T1	0	0	0	0	0	0	-0.16	-0.17	0	0	0	0	0	0
1/15/2024 19:07	44601 SALE_T2	0	0	0	0	0	0	0	-0.01	0	0	0	0	0	0
1/15/2024 19:07	67203 TEHI_T1	1	0	-1	0.4	0	-0.4	0	0	0	0	0	0	0	0
1/15/2024 19:07	56802 BENV_T2	0	0	0	0	0	0	-1.17	-1.16	0	0	0	0	0	0
1/15/2024 19:08	46301 ROHR_T1	1	1	0	1.1	1.8	0.7	0.22	0.21	0	0	0	0	0	0
1/15/2024 19:08	46203 DANV_T2	0	0	0	0	0	0	-1.68	-1.75	0	0	0	0	0	0
1/15/2024 19:08	58401 MORO_T1	0	0	0	0	0	0	-0.81	-0.84	1	1	0	600	600	0
1/15/2024 19:08	52403 GRPA_T2	29	56	27	0.64	0.44	-0.2	0	0	0	0	0	0	0	0
1/15/2024 19:08	53502 EVIL_T2	11	9	-2	1.15	0.19	-0.96	0	0	0	0	0	0	0	0
1/15/2024 19:08	52002 LING_T2	0	0	0	0	0	0	0.09	0.02	0	0	0	0	0	0
1/15/2024 19:08	45502 DERR_T2	1	4	3	0.4	0.6	0.2	0	0	0	0	0	0	0	0
1/15/2024 19:08	43401 BENT_T1	1	4	3	0.2	0	-0.2	0	0	0	0	0	0	0	0
1/15/2024 19:08	44903 SCOT_T1	11	36	25	0.9	0.67	-0.23	-0.01	-0.01	0	0	0	0	0	0
1/15/2024 19:08	59101 WALK_T2	1	0	-1	0.4	0	-0.4	1.3	1.4	1	1	0	450	450	0
1/15/2024 19:08	40502 CRES_T2	8	11	3	0.23	0.25	0.02	-0.67	-0.75	0	0	0	0	0	0
1/15/2024 19:09	55105 WERT_T1	0	0	0	0	0	0	-0.26	-0.28	1	1	0	900	900	0
1/15/2024 19:09	15404 WALL_T1	0	0	0	0	0	0	-1.64	-1.66	0	0	0	0	0	0
1/15/2024 19:09	55002 NEWP_T1	3	3	0	0.3	0.47	0.17	-0.14	-0.15	0	0	0	0	0	0
1/15/2024 19:09	56801 BENV_T1	3	15	12	0.2	0.58	0.38	-0.82	-0.78	2	2	0	1200	1200	0
1/15/2024 19:09	46902 MNTG_T2	0	4	4	0	0.1	0.1	0	0	0	0	0	0	0	0
1/15/2024 19:09	43402 BENT_T1	0	1	1	0	0	0	-1.38	-1.37	2	2	0	1500	1500	0
1/15/2024 19:09	12401 MILF_T1	0	0	0	0	0	0	-0.12	-0.13	0	0	0	0	0	0
1/15/2024 19:09	66703 STRA_T1	2	1	-1	0.35	1.4	1.05	-0.01	-0.05	0	0	0	0	0	0
1/15/2024 19:09	43201 MVIL_T2	0	0	0	0	0	0	-0.28	-0.28	0	0	0	0	0	0
1/15/2024 19:09	44301 BEAV_T2	1	2	1	0.9	1.2	0.3	0.27	0.19	1	1	0	600	600	0
1/15/2024 19:10	46203 DANV_T2	0	0	0	0	0	0	-0.84	-0.88	0	0	0	0	0	0
1/15/2024 19:10	40201 BEGA_T2	2	1	-1	0.25	0	-0.25	0	0	0	0	0	0	0	0
1/15/2024 19:10	52404 GRPA_T2	48	54	6	0.55	0.56	0.01	0	0	0	0	0	0	0	0
1/15/2024 19:10	55002 NEWP_T1	3	3	0	0.3	0.47	0.17	-0.14	-0.15	0	0	0	0	0	0
1/15/2024 19:10	44301 BEAV_T2	1	2	1	0.9	1.2	0.3	0.27	0.19	1	1	0	600	600	0
1/15/2024 19:10	46903 MNTG_T2	38	4	-34	0.15	0.15	0	-0.18	-0.1	1	1	0	600	600	0
1/15/2024 19:10	43402 BENT_T1	0	1	1	0	0	0	-1.38	-1.37	2	2	0	1500	1500	0
1/15/2024 19:10	40502 CRES_T2	8	11	3	0.23	0.25	0.02	-0.67	-0.75	0	0	0	0	0	0
1/15/2024 19:10	47401 PENS_T1	0	0	0	0	0	0	1.95	1.84	0	0	0	0	0	0
1/15/2024 19:10	67702 WERN_T2	0	0	0	0	0	0	-0.05	-0.05	0	0	0	0	0	0
1/15/2024 19:10	40101 HUNT_T2	376	371	-5	1.09	0.88	-0.21	-1.48	-1.5	0	0	0	0	0	0
1/15/2024 19:10	52403 GRPA_T2	29	56	27	0.64	0.44	-0.2	0.15	0.15	0	0	0	0	0	0
1/15/2024 19:10	56501 ROCK_T2	185	134	-51	0.26	0.22	-0.04	-2.05	-2.05	0	0	0	0	0	0
1/15/2024 19:10	53903 HAU_T2	2	2	0	0.9	0.65	-0.25	0	0	0	0	0	0	0	0
1/15/2024 19:10	47202 FAXO_T2	0	0	0	0	0	0	-2.19	-2.18	0	0	0	0	0	0
1/15/2024 19:10	56801 BENV_T1	3	15	12	0.2	0.58	0.38	-0.41	-0.39	1	1	0	600	600	0
1/15/2024 19:11	44301 BEAV_T2	1	2	1	0.9	1.2	0.3	0.27	0.19	1	1	0	600	600	0
1/15/2024 19:11	43202 MVIL_T2	0	0	0	0	0	0	-0.62	-0.59	0	0	0	0	0	0
1/15/2024 19:11	44903 SCOT_T2	0	0	0	0	0	0	-0.74	-0.73	0	0	0	0	0	0
1/15/2024 19:11	46903 MNTG_T2	38	4	-34	0.15	0.15	0	-0.18	-0.1	1	1	0	600	600	0
1/15/2024 19:11	46901 MNTG_T2	0	0	0	0	0	0	1.09	1.11	0	0	0	0	0	0
1/15/2024 19:11	58402 MORO_T1	0	0	0	0	0	0	-0.56	-0.58	4	3	-1	2850	2400	-450
1/15/2024 19:11	46204 DANV_T2	0	6	6	0	0	0	0	0	0	0	0	0	0	0
1/15/2024 19:11	53901 HAU_T2	2	14	12	0.1	0.15	0.05	-1.37	-1.39	0	0	0	0	0	0
1/15/2024 19:11	64303 LINC_T1	0	0	0	0	0	0	-0.09	-0.15	0	0	0	0	0	0
1/15/2024 19:11	59101 WALK_T2	1	0	-1	0.4	0	-0.4	1.4	1.32	1	1	0	450	450	0
1/15/2024 19:12	53903 HAU_T2	2	2	0	0.9	0.65	-0.25	0	0	0	0	0	0	0	0
1/15/2024 19:12	56501 ROCK_T2	185	134	-51	0.26	0.22	-0.04	-2.05	-2.05	0	0	0	0	0	0
1/15/2024 19:12	40101 HUNT_T2	376	371	-5	1.09	0.88	-0.21	-2.97	-3.01	0	0	0	0	0	0
1/15/2024 19:12	42903 MIDD_T2	2	1	-1	0.25	0.2	-0.05	0	0	0	0	0	0	0	0
1/15/2024 19:12	55002 NEWP_T1	3	3	0	0.3	0.47	0.17	-0.14	-0.15	0	0	0	0	0	0
1/15/2024 19:12	53501 EVIL_T2	3	3	0	0.93	0.9	-0.03	-1.11	-1.13	2	2	0	1200	1200	0
1/15/2024 19:12	56801 BENV_T1	3	15	12	0.2	0.58	0.38	-0.82	-0.78	2	2	0	1200	1200	0
1/15/2024 19:12	58401 MORO_T1	0	0	0	0	0	0	-0.84	-0.78	1	1	0	600	600	0
1/15/2024 19:13	42701 AUGU_T1	53	56	3	0.62	0.57	-0.05	0	0	1	1	0	600	600	0
1/15/2024 19:13	52004 LING_T2	1	1	0	1.3	1.1	-0.2	0	0	0	0	0	0	0	0
1/15/2024 19:13	43701 WILL_T1	22	16	-6	0.17	0.17	0	-1.21	-1.21	0	0	0	0	0	0
1/15/2024 19:13	66505 SMAN_T2	3	2	-1	0.37	0.3	-0.07	-0.21	-0.38	1	1	0	900	900	0
1/15/2024 19:13	52401 GRPA_T2	29	9	-20	0.44	0	-0.44	0	0	0	0	0	0	0	0
1/15/2024 19:13	45501 DERR_T2	1	4	3	0.3	0	-0.3	0.75	0.78	2	2	0	1800	1800	0
1/15/2024 19:13	59003 MIFF_T1	1	1	0	0.9	0.2	-0.7	-1.18	-2.29	0	0	0	0	0	0
1/15/2024 19:13	56501 ROCK_T2	185	134	-51	0.26	0.22	-0.04	0	0	0	0	0	0	0	0
1/15/2024 19:13	56801 BENV_T1	3	15	12	0.2	0.58	0.38	-0.82	-0.78	2	2	0	1200	1200	0
1/15/2024 19:13	46302 ROHR_T1	9	5	-4	0.67	0.25	-0.42	0.67	0.67	0	0	0	0	0	0
1/15/2024 19:13	67901 WNHO_T2	12	11	-1	0.14	0.15	0.01	-0.44	-0.45	0	0	0	0	0	0
1/15/2024 19:13	12401 MILF_T1	0	0	0	0	0	0	-0.12	-0.13	0	0	0	0	0	0
1/15/2024 19:13	65901 SAAR_T2	1	1	0	8.5	8.5	0	0	0	0	0	0	0	0	0
1/15/2024 19:13	57303 MOAL_T2	1	1	0	7.4	7.6	0.2	0	0	0	0	0	0	0	0
1/15/2024 19:14	42901 MIDD_T2	0	1	1	0	0	0	0	0	0	0	0	0	0	0
1/15/2024 19:14	52401 GRPA_T2	29	9	-20	0.44	0	-0.44	0	0	0	0	0	0	0	0
1/15/2024 19:14	52102 MEIS_T1	0	0	0	0	0	0	0	0	1	1	0	450	450	0
1/15/2024 19:14	41902 REED_T1	15	21	6	0.67	0.46	-0.21	0.94	0.86	0	0	0	0	0	0
1/15/2024 19:14	46903 MNTG_T2	38	4	-34	0.15	0.15	0	-0.18	-0.1	1	1	0	600	600	0
1/15/2024 19:14	46204 DANV_T2	0	6	6	0	0	0	0	0	0	0	0	0	0	0
1/15/2024 19:14	43202 MVIL_T2	0	0	0	0	0	0	-1.24	-1.18	0	0	0	0	0	0
1/15/2024 19:15	49803 UNIV_T1	0	0	0	0	0	0	-0.78	-0.91	0	0	0	0	0	0
1/15/2024 19:15	40902 JESH_T1	0	0	0	0	0	0	-0.61	-0.6	0	0	0	0	0	0
1/15/2024 19:15	46903 MNTG_T2	4	0	-4	0.15	0	-0.15	-0.18	-0.1	1	1	0	600	600	0
1/15/2024 19:15	42903 MIDD_T2	1	1	0	0.2	0.2	0	0	0	0	0	0	0	0	0
1/15/2024 19:15	67605 WARW_T1	0	0	0	0	0	0	-0.95	-0.98	0	0	0	0	0	0
1/15/2024 19:15	44201 POIN_T1	0	0	0	0	0	0	-1.2	-1.17	1	1	0	900	900	0
1/15/2024 19:15	44301 BEAV_T2	1	2	1	1.2	0.8	-0.4	0.27	0.19	1	1	0	600	600	0
1/15/2024 19:15	64305 LINC_T1	0	2	2	0	0.2	0.2	-0.53	-0.52	0	0	0	0	0	0
1/15/2024 19:16	47402 PENS_T1	1	2	1	0.1	0.65	0.55	0	0	0	0	0	0	0	0
1/15/2024 19:16	53601 DALM_T2	0	0	0	0	0	0	-0.56	-0.54	1	1	0	600	600	0
1/15/2024 19:16	45702 LIND_T2	0	1	1	0	0.3	0.3	-0.3	-0.42	0	0	0	0	0	0
1/15/2024 19:16	46902 MNTG_T2	4	0	-4	0.1	0	-0.1	0	0	0	0	0	0	0	0
1/15/2024 19:16	52102 MEIS_T1	0	0	0	0	0	0	0	0	2	2	0	900	900	0
1/15/2024 19:16	46302 ROHR_T1	5	7	2	0.46	0.25	-0.21	0.67	0.67	0	0	0	0	0	0
1/15/2024 19:16	44301 BEAV_T2	1	2	1	1.2	0.8	-0.4	0.27	0.19	1	1	0	600	600	0
1/15/2024 19:16	56801 BENV_T1	12	18	6	0.43	0.88	0.45	-0.41	-0.39	1	1	0	600	600	0
1/15/2024 19:17	53903 HAU_T2	2	2	0	0.65	0.6	-0.05	0	0	0	0	0	0	0	0
1/15/2024 19:17	46803 HEPB_T2	10	26	16	0.25	0.26	0.01	0	0	0	0	0	0	0	0
1/15/2024 19:17	52101 MEIS_T1	0	1	1	0	0.1	0.1	0	0	0	0	0	0	0	0
1/15/2024 19:17	59101 WALK_T2	0	0	0	0	0	0	1.4	1.32	1	1	0	450	450	0
1/15/2024 19:18	52401 GRPA_T2	0	13	13	0	0.3	0.3	0	0	0	0	0	0	0	0
1/15/2024 19:32	57401 SPAN_T1	0	0	0	0	0	0	-1.05	-1.05	1	1	0	600	600	0
1/15/2024 19:34	56802 BENV_T2	0	0	0	0	0	0	-1.1	-1.14	0	0	0	0	0	0
1/15/2024 19:55	60101 COCA_T1	0	0	0	0	0	0	0.53	0.54	0	0	0	0	0	0
1/15/2024 20:11	44301 BEAV_T2	2	2	0	0.65	0	-0.65	0.08	0.06	1	1	0	600	600	0
1/15/2024 20:15	57401 SPAN_T1	0	0	0	0	0	0	-1.08	-1.12	1	1	0	600	600	0
1/15/2024 20:18	56802 BENV_T2	0	0	0	0	0	0	-1.17	-1.2	0	0	0	0	0	0
1/15/2024 20:44	41901 REED_T1	11	11	0	1.35	1.63	0.28	0	0	0	0	0	0	0	0
1/16/2024 0:39	63402 HONY_T2	1	1	0	0.5	0.3	-0.2	0	0	0	0	0	0	0	0
1/16/2024 7:51	43402 BENT_T1	0	0	0	0	0	0	-1.41	-1.44	2	2	0	1500	1500	0
1/16/2024 7:54	45501 DERR_T2	3	3	0	0.47	0.53	0.06	1.07	0.93	2	2	0	1800	1800	0
1/16/2024 7:55	43402 BENT_T1	0	0	0	0	0	0	-1.44	-1.43	2	2	0	1500	1500	0
1/16/2024 7:56	46204 DANV_T2	28	73	45	0.29	0.28	-0.01	0	0	0	0	0	0	0	0
1/16/2024 7:56	40502 CRES_T2	9	12	3	0.18	0.33	0.15	-0.39	-0.43	0	0	0	0	0	0
1/16/2024 7:57	53901 HAU_T2	0	0	0	0	0	0	-1.36	-1.39	0	0	0	0	0	0
1/16/2024 7:57	46204 DANV_T2	28	73	45	0.29	0.28	-0.01	0	0	0	0	0	0	0	0
1/16/2024 7:58	45802 HEGI_T2	0	2	2	0	0.3	0.3	0.88	0.8	1	1	0	300	300	0
1/16/2024 7:59	53903 HAU_T2	0	2	2	0	0.9	0.9	0	0	0	0	0	0	0	0
1/16/2024 8:00	46902 MNTG_T2	6	0	-6	0.13	0	-0.13	0	0	0	0	0	0	0	0
1/16/2024 8:01	46902 MNTG_T2	6	0	-6	0.13	0	-0.13	0	0	0	0	0	0	0	0
1/16/2024 8:01	13503 MCMI_T2	123	237	114	0.59	0.7	0.11	0.44	0.44	0	0	0	0	0	0
1/16/2024 8:02	13503 MCMI_T2	123	237	114	0.59	0.7	0.11	0.44	0.44	0	0	0	0	0	0
1/16/2024 8:02	46901 MNTG_T2	0	0	0	0	0	0	1.84	1.36	0	0	0	0	0	0
1/16/2024 8:03	13503 MCMI_T2	123	237	114	0.59	0.7	0.11	0.44	0.44	0	0	0	0	0	0
1/16/2024 8:08	46204 DANV_T2	73	9	-64	0.38	0.18	-0.2	0	0	0	0	0	0	0	0
1/16/2024 8:09	46206 DANV_T2	3	2	-1	0.57	0.5	-0.07	0	0	0	0	0	0	0	0
1/16/2024 8:10	42701 AUGU_T1	33	55	22	0.54	0.5	-0.04	0	0

Appendix C - Grid Benefits Achieved in Each Instance of Active Management

1/16/2024 9:07	50102 HARR_T3	1	0	-1	0.1	0	-0.1	0	0	0	0	0	0	0
1/16/2024 9:07	59102 WALK_T2	0	0	0	0	0	0	-0.14	-0.21	1	1	0	600	600
1/16/2024 9:07	67503 WEWI_T2	0	0	0	0	0	0	0.15	0.12	0	0	0	0	0
1/16/2024 9:07	67402 WAKE_T2	0	0	0	0	0	0	-0.27	-0.28	1	1	0	600	600
1/16/2024 9:07	46004 BERW_T2	0	0	0	0	0	0	-0.21	-0.21	0	0	0	0	0
1/16/2024 9:08	41902 REED_T1	6	6	0	0.23	0.1	-0.13	0.5	0.39	0	0	0	0	0
1/16/2024 9:08	47101 MARL_T1	0	3	3	0	0.1	0.1	-0.95	-0.96	1	1	0	600	600
1/16/2024 9:08	60801 BUCK_T1	0	0	0	0	0	0	-0.67	-0.57	1	1	0	600	600
1/16/2024 9:09	46206 DANV_T2	0	1	1	0	0	0	2.22	2.22	1	1	0	1200	1200
1/16/2024 9:09	49803 UNIV_T1	0	51	51	0	0.1	0.1	-0.84	-0.93	0	0	0	0	0
1/16/2024 9:10	53601 CALM_T2	1	1	0	0.2	0.4	0.2	-0.47	-0.48	1	1	0	600	600
1/16/2024 9:10	40502 CRES_T2	4	3	-1	0.18	0.23	0.05	-1.08	-1.11	0	0	0	0	0
1/16/2024 9:11	46206 DANV_T2	0	1	1	0	0	0	2.22	2.22	1	1	0	1200	1200
1/16/2024 9:12	53901 HALI_T2	0	0	0	0	0	0	-1.37	-1.41	0	0	0	0	0
1/16/2024 9:12	40502 CRES_T2	4	3	-1	0.18	0.23	0.05	-0.36	-0.37	0	0	0	0	0
1/16/2024 9:13	45501 DERR_T2	2	0	-2	0.2	0	-0.2	1	0.97	2	2	0	1800	1800
1/16/2024 9:13	52402 GRPA_T2	5	5	0	1.02	1.44	0.42	0	0	0	0	0	0	0
1/16/2024 9:14	28701 HAML_T2	1	0	-1	0.6	0	-0.6	0	0	0	0	0	0	0
1/16/2024 9:14	13503 MCMI_T2	311	211	-100	0.89	0.59	-0.3	0.45	0.43	0	0	0	0	0
1/16/2024 9:15	59302 MCAL_T1	4	6	2	1.13	0	-1.13	-0.07	0.02	1	1	0	600	600
1/16/2024 9:16	53901 HALI_T2	0	1	1	0	0.1	0.1	-1.37	-1.41	0	0	0	0	0
1/16/2024 9:16	52102 MEIS_T1	2	3	1	0.1	0.17	0.07	0	0	1	1	0	450	450
1/16/2024 9:16	13503 MCMI_T2	204	153	-51	1.03	0.59	-0.44	0.9	0.85	0	0	0	0	0
1/16/2024 9:17	44903 SCOT_T1	1	3	2	1	1.2	0.2	-0.02	-0.02	0	0	0	0	0
1/16/2024 9:17	52403 GRPA_T2	6	25	19	0.28	0.61	0.33	0.21	0.21	0	0	0	0	0
1/16/2024 9:17	58401 MORO_T1	0	0	0	0	0	0	-1.46	-1.48	2	2	0	1200	1200
1/16/2024 9:18	64101 REFR_T1	0	0	0	0	0	0	0.36	0.28	0	0	0	0	0
1/16/2024 9:18	44905 SCOT_T1	26	10	-16	0.34	0.18	-0.16	0	0	0	0	0	0	0
1/16/2024 9:19	49804 UNIV_T1	1	5	4	0.1	0.6	0.5	0	0	0	0	0	0	0
1/16/2024 9:19	44905 SCOT_T1	26	10	-16	0.34	0.18	-0.16	0	0	0	0	0	0	0
1/16/2024 9:19	64101 REFR_T1	0	0	0	0	0	0	0.09	0.07	0	0	0	0	0
1/16/2024 9:20	64101 REFR_T1	0	0	0	0	0	0	0.09	0.07	0	0	0	0	0
1/16/2024 9:21	67103 SPRI_T1	0	0	0	0	0	0	-0.12	-0.06	0	0	0	0	0
1/16/2024 9:21	64101 REFR_T1	0	0	0	0	0	0	0.09	0.07	0	0	0	0	0
1/16/2024 9:21	44903 SCOT_T1	1	3	2	1	1.2	0.2	-0.02	-0.02	0	0	0	0	0
1/16/2024 9:23	46203 DANV_T2	0	0	0	0	0	0	-0.92	-0.91	0	0	0	0	0
1/16/2024 9:23	67103 SPRI_T1	0	0	0	0	0	0	-0.12	-0.06	0	0	0	0	0
1/16/2024 9:24	46203 DANV_T2	0	0	0	0	0	0	-0.92	-0.91	0	0	0	0	0
1/16/2024 9:24	40502 CRES_T2	3	3	0	0.13	0.23	0.1	-0.37	-0.37	0	0	0	0	0
1/16/2024 9:24	29402 BELT_T1	1	1	0	6.2	6.6	0.4	0	0	0	0	0	0	0
1/16/2024 9:25	56801 BENV_T1	1	1	0	0.4	0	-0.4	-0.46	-0.44	1	1	0	600	600
1/16/2024 9:26	41801 GOCI_T2	0	2	2	0	0	0	0	0	0	0	0	0	0
1/16/2024 9:26	11104 EGYP_T1	3	23	20	0.37	0.37	0	0.58	0.6	0	0	0	0	0
1/16/2024 9:27	46203 DANV_T2	0	0	0	0	0	0	-0.92	-0.91	0	0	0	0	0
1/16/2024 9:28	20603 GRWO_T2	20	19	-1	2.98	1.75	-1.23	0	0	0	0	0	0	0
1/16/2024 9:29	52402 GRPA_T2	2	13	11	3.35	1.4	-1.95	-0.89	-0.93	0	0	0	0	0
1/16/2024 9:29	11104 EGYP_T1	3	23	20	0.37	0.37	0	0.58	0.6	0	0	0	0	0
1/16/2024 9:30	20602 GRWO_T2	7	7	0	0.36	0.5	0.14	0	0	0	0	0	0	0
1/16/2024 9:30	41902 REED_T1	2	4	2	0.1	0.1	0	0.79	0.89	0	0	0	0	0
1/16/2024 9:30	41801 GOCI_T2	2	1	-1	0.45	0	-0.45	0	0	0	0	0	0	0
1/16/2024 9:31	52402 GRPA_T2	5	10	5	1.48	3.25	1.77	-0.89	-0.93	0	0	0	0	0
1/16/2024 9:32	45802 HEGI_T2	1	0	-1	0.2	0	-0.2	1.65	1.16	2	2	0	600	600
1/16/2024 9:32	46303 ROHR_T1	129	106	-23	0.45	0.4	-0.05	0.2	0.21	0	0	0	0	0
1/16/2024 9:32	52102 MEIS_T1	3	1	-2	0.17	0	-0.17	0	0	1	1	0	450	450
1/16/2024 9:32	47802 MOCA_T2	0	0	0	0	0	0	-0.93	-0.86	0	0	0	0	0
1/16/2024 9:33	43202 MVIL_T2	55	35	-20	0.37	0.23	-0.14	-0.43	-0.44	0	0	0	0	0
1/16/2024 9:33	56501 ROCK_T2	24	198	174	0.23	0.26	0.03	-2.09	-2.1	0	0	0	0	0
1/16/2024 9:34	65604 QVIL_T2	0	0	0	0	0	0	-0.06	0.06	0	0	0	0	0
1/16/2024 9:35	46301 ROHR_T1	129	106	-23	0.45	0.4	-0.05	0.2	0.21	0	0	0	0	0
1/16/2024 9:36	43402 BENT_T1	0	0	0	0	0	0	-1.41	-1.4	2	2	0	1500	1500
1/16/2024 9:36	56501 ROCK_T2	24	198	174	0.23	0.26	0.03	-4.17	-4.19	0	0	0	0	0
1/16/2024 9:37	56501 ROCK_T2	24	198	174	0.23	0.26	0.03	-2.09	-2.1	0	0	0	0	0
1/16/2024 9:37	56801 BENV_T1	0	1	1	0	0	0	-0.46	-0.44	1	1	0	600	600
1/16/2024 9:37	46001 BERW_T1	0	0	0	0	0	0	1.26	1.24	0	0	0	0	0
1/16/2024 9:37	66703 STRA_T1	1	1	0	0.2	0.6	0.4	0.17	0.13	0	0	0	0	0
1/16/2024 9:38	56501 ROCK_T2	24	198	174	0.23	0.26	0.03	-6.26	-6.29	0	0	0	0	0
1/16/2024 9:38	56801 BENV_T1	0	1	1	0	0	0	-0.92	-0.88	2	2	0	1200	1200
1/16/2024 9:39	56803 BENV_T1	0	1	1	0	0.6	0.6	0	0	0	0	0	0	0
1/16/2024 9:40	40502 CRES_T2	3	7	4	0.23	0.17	-0.06	-1.78	-1.75	0	0	0	0	0
1/16/2024 9:40	46001 BERW_T1	0	0	0	0	0	0	1.24	1.22	0	0	0	0	0
1/16/2024 9:41	56801 BENV_T1	0	1	1	0	0	0	-0.44	-0.44	1	1	0	600	600
1/16/2024 9:42	40502 CRES_T2	3	7	4	0.23	0.17	-0.06	-1.42	-1.4	0	0	0	0	0
1/16/2024 9:44	40502 CRES_T2	3	7	4	0.23	0.17	-0.06	-1.42	-1.4	0	0	0	0	0
1/16/2024 9:44	52004 LING_T2	1	1	0	1.1	1.1	0	0	0	0	0	0	0	0
1/16/2024 9:45	52002 LING_T2	0	0	0	0	0	0	0.05	0.03	0	0	0	0	0
1/16/2024 9:45	43202 MVIL_T2	33	49	16	0.24	0.33	0.09	-0.44	-0.39	0	0	0	0	0
1/16/2024 9:46	47401 PENS_T1	0	0	0	0	0	0	0.9	0.92	0	0	0	0	0
1/16/2024 9:47	47403 PENS_T1	1	1	0	0.8	0.3	-0.5	0	0	0	0	0	0	0
1/16/2024 9:47	52004 LING_T2	1	1	0	1.1	1.2	0.1	0	0	0	0	0	0	0
1/16/2024 9:48	47401 PENS_T1	0	0	0	0	0	0	0.9	0.92	0	0	0	0	0
1/16/2024 9:49	43202 MVIL_T2	33	49	16	0.24	0.33	0.09	-0.44	-0.39	0	0	0	0	0
1/16/2024 9:50	66504 SMAN_T2	0	0	0	0	0	0	-3.91	-3.9	3	3	0	3600	3600
1/16/2024 9:50	66505 SMAN_T2	0	0	0	0	0	0	0.07	-0.07	1	1	0	900	900
1/16/2024 9:51	65902 SAKR_T2	0	1	1	0	0	0	0	0	0	0	0	0	0
1/16/2024 9:51	44901 SCOT_T2	0	0	0	0	0	0	-1.1	-1.03	0	0	0	0	0
1/16/2024 9:51	46302 ROHR_T1	2	3	1	1.3	0.83	-0.47	1.12	1.16	0	0	0	0	0
1/16/2024 9:52	29401 BELT_T1	0	1	1	0	0.1	0.1	0	0	0	0	0	0	0
1/16/2024 9:53	65902 SAKR_T2	0	1	1	0	0	0	0	0	0	0	0	0	0
1/16/2024 9:53	42701 AUGU_T1	46	49	3	0.6	0.55	-0.05	0	0	1	1	0	600	600
1/16/2024 9:53	56802 BENV_T2	0	0	0	0	0	0	-1.24	-1.24	0	0	0	0	0
1/16/2024 9:54	52102 MEIS_T1	0	2	2	0	0.1	0.1	0	0	1	1	0	450	450
1/16/2024 9:55	53501 EVIL_T2	1	9	8	0.2	1.24	1.04	-1.25	-2.22	3	4	1	1800	2700
1/16/2024 9:55	15604 NSTR_T1	88	93	5	0.5	0.46	-0.04	0.56	0.58	0	0	0	0	0
1/16/2024 9:55	42701 AUGU_T1	46	49	3	0.6	0.55	-0.05	0	0	1	1	0	600	600
1/16/2024 9:55	56802 BENV_T2	0	0	0	0	0	0	-1.24	-1.24	0	0	0	0	0
1/16/2024 9:56	29401 BELT_T1	0	1	1	0	0.1	0.1	0	0	0	0	0	0	0
1/16/2024 9:56	40101 HUNT_T2	481	534	53	1.35	1.42	0.07	-0.62	-0.64	0	0	0	0	0
1/16/2024 9:56	56802 BENV_T2	0	0	0	0	0	0	-2.48	-2.48	0	0	0	0	0
1/16/2024 9:57	53502 EVIL_T2	3	13	10	1.1	0.67	-0.43	0	0	0	0	0	0	0
1/16/2024 9:57	15604 NSTR_T1	88	93	5	0.5	0.46	-0.04	0.56	0.58	0	0	0	0	0
1/16/2024 9:57	53903 HALI_T2	2	2	0	0.75	1.2	0.45	-0.29	-0.21	0	0	0	0	0
1/16/2024 9:57	56802 BENV_T2	0	0	0	0	0	0	-1.24	-1.24	0	0	0	0	0
1/16/2024 9:58	53901 HALI_T2	1	1	0	0.1	0.2	0.1	0	0	0	0	0	0	0
1/16/2024 9:58	56802 BENV_T2	0	0	0	0	0	0	-1.24	-1.24	0	0	0	0	0
1/16/2024 9:58	41801 GOCI_T2	0	1	1	0	0	0	0	0	0	1	1	0	900
1/16/2024 9:58	40502 CRES_T2	2	8	6	0.2	0.18	-0.02	-1.05	-1.07	0	0	0	0	0
1/16/2024 9:59	53903 HALI_T2	2	2	0	0.75	1.2	0.45	-0.29	-0.21	0	0	0	0	0
1/16/2024 10:00	42903 MIDD_T2	2	0	-2	0.25	0	-0.25	0	0	0	0	0	0	0
1/16/2024 10:00	40101 HUNT_T2	510	529	19	1.42	1.52	0.1	-0.62	-0.64	0	0	0	0	0
1/16/2024 10:00	52404 GRPA_T2	0	2	2	0	0	0	0	0	0	0	0	0	0
1/16/2024 10:00	53502 EVIL_T2	13	13	0	1.25	0.67	-0.58	0	0	0	0	0	0	0
1/16/2024 10:00	40502 CRES_T2	7	6	-1	0.17	0.2	0.03	-0.7	-0.71	0	0	0	0	0
1/16/2024 10:01	53501 EVIL_T2	1	9	8	0.4	1.24	0.84	-1.25	-2.22	3	4	1	1800	2700
1/16/2024 10:01	12701 MACU_T1	0	1	1	0	0.1	0.1	-0.95	-0.92	1	1	0	1200	1200
1/16/2024 10:01	42903 MIDD_T2	0	1	1	0	0	0	0	0	0	0	0	0	0
1/16/2024 10:01	57304 MOAL_T2	0	0	0	0	0	0	-0.42	-0.46	0	0	0	0	0
1/16/2024 10:02	55002 NEWP_T1	1	3	2	0.2	0.17	-0.03	-0.14	-0.16	0	0	0	0	0
1/16/2024 10:02	42903 MIDD_T2	0	1	1	0	0	0	0	0	0	0	0	0	0
1/16/2024 10:02	26803 JAFR_T1	0	0	0	0	0	0	-0.18	-0.18	1	1	0	900	900
1/16/2024 10:03	42903 MIDD_T2	0	1	1	0	0	0	0	0	0	0	0	0	0
1/16/2024 10:03	53903 HALI_T2	2	2	0	1.2	1.2	0	-0.29	-0.21	0	0	0	0	0
1/16/2024 10:03	13503 MCMI_T2	169	177	8	0.64	0.76	0.12	0.48	0.47	0	0	0	0	0
1/16/2024 10:03	12701 MACU_T1	0	1	1	0	0.1	0.1	-0.95	-0.92	1	1	0	1200	1200
1/16/2024 10:03	55002 NEWP_T1	1	3	2	0.2	0.17	-0.03	-0.14	-0.16	0	0	0	0	0
1/16/2024 10:04	57401 SPAN_T1	0	0	0	0	0	0	-1.26	-1.38	1	1	0	600	600
1/16/2024 10:04	57303 MOAL_T2	1	1	0	7.7	8	0.3	0	0	0	0	0	0	0
1/16/2024 10:04	55002 NEWP_T1	1	3	2	0.2	0.17	-0.03	-0.28	-0.32	0	0	0	0	0
1/16/2024 10:05	60501 NMAN_T2	3	3	0	3.97	4.57	0.6	0	0	0	0	0	0	0
1/16/2024 10:05	67201 TEHI_T1	27	44	17	0.94	0.67	-0.27	0.86	0.83	1	1	0	600	600
1/16/2024 10:06	67702 WERN_T2	0	0	0	0	0	0	-0.01	-0.05	0	0	0	0	0
1/16/2024 10:07	67602 WARW_T2	0	1	1	0	0	0	1.12	1.12	0	0	0	0	0
1/16/2024 10:07	14403 SSLA_T1	0	1	1	0	0.1	0.1	1.17	1.16	0	0	0	0	0
1/16/2024 10:07	57401 SPAN_T1	0	0	0	0	0	0	-1.26	-1.38	1	1	0	600	600
1/16/2024 10:08	67702 WERN_T2	0	0	0	0	0	0	-0.01	-0.05	0	0	0	0	0
1/16/2024 10:08	67602 WARW_T2	0	1	1	0	0	0	0.56	0.56	0	0	0	0	0
1/16/2024 10:08	57401 SPAN_T1	0	0	0	0	0	0	-2.53	-2.77	2	2	0	1200	1200
1/16/2024 10:08	67201 TEHI_T1	27	44	17	0.94	0.67	-0.27	0	0	0	0	0	0	0
1/16/2024 10:09	46004 BERW_T2	0	0	0	0	0	0	-0.15	-0.19	0	0	0	0	0
1/16/2024 10:10	67702 WERN_T2	0	0	0	0	0	0	-0.05	-0.01	0	0	0	0	0
1/16/2024 10:11	11104 EGYP_T1	12	12	0	0.43	0.23	-0.2	0.6	0.56	0	0	0	0	0
1/16/2024 10:12	29402 BELT_T1	1	1	0	6.1	6.4	0.3	0	0	0	0	0	0	0
1/16/2024 10:13	53901 HALI_T2	1	15	14	0.1	0.14	0.04	-2.75	-2.81	0	0	0	0	0
1/16/2024 10:13	53903 HALI_T2	2	2	0	1.2	1.2	0	-0.42	-0.42	0	0	0	0	0
1/16/2024 10:14	67702 WERN_T2	0	0	0	0	0	0	-0.05	-0.01	0	0	0	0	0
1/16/2024 10:14	64204 KINZ_T1	0	1	1	0	0.7	0.7	0	0	0	0	0	0	0
1/16/2024 10:14	53901 HALI_T2	1	15	14	0.1	0.14	0.04	-1.38	-1.41	0	0	0	0	0
1/16/2024 10:15	42903 MIDD_T2	0	1	1	0	0.1	0.1	0	0	0	0	0	0	0
1/16/2024 10:15	53901 HALI_T2	1	41	40	0.2	0.22	0.02	0	0	0	0	0	0	0
1/16/2024 10:16	40101 HUNT_T2	523	530	7	1.59	1.57	-0.02	-0.64	-0.62	0	0	0	0	0
1/16/2024 10:16	53901 HALI_T2	1	41	40	0.2	0.22	0.02	-4.13	-4.22	0	0	0	0	0
1/16/2024 10:16	40902 JESH_T1	0	0	0	0	0	0	-1.13	-1.15	1	1	0	600	600
1/16/2024 10:17	64202 KINZ_T1	1	1	0	2	1.8	-0.2	0	0	0	0	0	0	0
1/16/2024 10:17	44201 POIN_T1	3	8	5	0.3	0.3	0	0.17	0.25	1	1	0	900	900
1/16/2024 10:18	42901 MIDD_T2	0	1	1	0	0	0	0	0	0	0	0	0	0
1/16/2024 10:18	64204 KINZ_T1	1	1	0	0.3	0.8	0.5	0	0	0	0	0	0	0
1/16/2024 10:18	55002 NEWP_T1	3	3	0	0.17	0.23	0.06	-0.32	-0.3	0	0	0	0	0
1/16/2024 10:18	52004 LING_T2	1	1	0	1.2	0.8	-0.4	0	0	0	0	0	0	0
1/16/2024 10:18	44201 POIN_T1	3	8	5	0.3	0.3	0	0.17	0.25	1	1	0	900	900
1/16/2024 10:19	56501 ROCK_T2	233	190	-43	0.24	0.2	-0.04	-2.12	-2.07	0	0	0	0	0
1/16/2024 10:19	56504 ROCK_T2	0	0	0	0	0	0	-0.24	0	0	0	0	0	0
1/16/2024 10:19	55002 NEWP_T1	3	3	0	0.17	0.23	0.06	-0.32	-0.3	0	0	0	0	0
1/16/2024 10:20	67204 TEHI_T2	0	0	0	0	0	0	0.08	0.12	0	0	0	0	0
1/16/2024 10:20	56501 ROCK_T2	233	190	-43	0.24	0.2	-0.04	-2.12	-2.07	0	0	0	0	0
1/16/2024 10:20	54203 PENN_T1	57	46	-11	0.49	0.53	0.04	0	0	0	0	0	0	0
1/16/2024 10:21	56501 ROCK_T2	233	190	-43	0.24	0.2	-0.04	-2.12	-2.07	0	0	0	0	0
1/16/2024 10:21	65902 SAKR_T2	1	0	-1	0.7	0	-0.7	-0.8	-0.71	1	1	0	900	900
1/16/2024 10:21	67204 TEHI_T2	0	0	0	0	0	0	0.08	0.12	0	0	0	0	0
1/16/2024 10:21	57401 SPAN_T1	0	0	0	0	0	0	-1.38	-1.48	1	1	0	600	600
1/16/2024 10:21	64101 REFR_T1	0	0	0	0	0	0	0.09	0.1	0	0	0	0	0
1/16/2024 10:22	47403 PENS_T1	1	1	0	0.3	0.4	0.1	0	0	0	0	0	0	0
1/16/2024 10:22	56501 ROCK_T2	233	190	-43	0.24	0.2	-0.04	-2.12	-2.07	0	0	0	0	0
1/16/2024 10:23	45502 DERR_T2	0	1	1	0	0	0	0	0	0	0	0	0	0
1/16/2024 10:23	57401 SPAN_T1	0	0	0	0	0	0	-1.38	-1.48	1	1	0	600	600
1/16/2024 10:25	62604 ENGL_T1	1	1	0	0.4	0.3	-0.1	-0.37	-0.38	1	1	0	600	600
1/16/2024 10:25	56801 BENV_T1	2	19	17	0.15	0.69	0.54	-1.23	-1.17	3	3	0	1800	1800
1/16/2024 10:25	56801 BENV_T1	2	19	17	0.15	0.69	0.54	-1.23	-1.17	3	3	0	1800	1800
1/16/2024 10:25	56802 BENV_T2	0	0	0	0	0	0	-1.22	-1.25	0	0	0	0	0
1/16/2024 10:26	56803 BENV_T1	1	2	1	0.9	0	-0.9	0	0	0	0	0	0	0
1/16/2024 10:27	45502 DERR_T2	0	1	1	0	0	0	0	0	0	0	0	0	0
1/16/2024 10:28	64201 KINZ_T1	1	1	0	2.6	0	-2.6	-1.25	-1.3	4	4	0	2100	2100
1/16/2024 10:28	56803 BENV_T1	1	2	1	0.9	0	-0.9	0	0	0	0	0	0	0
1/16/2024 10:28	62604 ENGL_T1	1	1	0	0.4	0.3	-0.1	-0.75	-0.76	2	2	0	1200	1200
1/16/2024 10:30	40101 HUNT_T2	511	532	21	1.55	1.52	-0.03	-0.62	-0.62	0	0	0	0	0
1/16/2024 10:30	40502 CRES_T2	5	8	3	0.2	0.24	0.04	-0.38	-0.32	0	0	0	0	0
1/16/2024 10:31	16402 MOPO_T1	18	38	20	0.71	0.64	-0.07	0.74	0.62	0	0	0	0	0
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Appendix C - Grid Benefits Achieved in Each Instance of Active Management

1/16/2024 12:09	67602 WARW_T2	0	1	1	0	0	0	0.51	0.48	0	0	0	0	0	0
1/16/2024 12:16	61001 DONV_T1	13	0	-13	0.2	0	-0.2	0.14	0.73	0	0	0	0	0	0
1/16/2024 12:19	52102 MEIS_T1	5	4	-1	0.16	0.17	0.01	0	0	1	1	0	450	450	0
1/16/2024 12:20	47401 PENS_T1	0	0	0	0	0	0	0.88	0.89	0	0	0	0	0	0
1/16/2024 12:47	52102 MEIS_T1	1	2	1	0.8	1	0.2	0	0	1	1	0	450	450	0
1/16/2024 12:55	47401 PENS_T1	0	0	0	0	0	0	0.93	0.93	0	0	0	0	0	0
1/16/2024 12:56	60701 BREC_T1	0	0	0	0	0	0	-0.31	-0.31	1	1	0	600	600	0
1/16/2024 12:56	56803 BENV_T1	0	1	1	0	0.4	0.4	0.28	0.33	0	0	0	0	0	0
1/16/2024 12:56	56802 BENV_T2	1	0	-1	0.1	0	-0.1	-1.21	-1.23	0	0	0	0	0	0
1/16/2024 12:56	57702 PAXT_T1	0	0	0	0	0	0	-0.59	-0.59	0	0	0	0	0	0
1/16/2024 12:57	16302 ALPA_T2	0	2	2	0	0	0	-0.52	-0.57	0	0	0	0	0	0
1/16/2024 12:57	14402 SSLA_T1	1	0	-1	0.2	0	-0.2	0	0	0	0	0	0	0	0
1/16/2024 12:59	16302 ALPA_T2	0	2	2	0	0	0	-1.05	-1.14	0	0	0	0	0	0
1/16/2024 12:59	56801 BENV_T1	5	4	-1	0.42	0.3	-0.12	-0.44	-0.45	1	1	0	600	600	0
1/16/2024 13:00	40201 BEGA_T2	2	3	1	5.7	1.65	-4.05	0	0	0	0	0	0	0	0
1/16/2024 13:01	14401 SSLA_T1	6	10	4	0.63	0.46	-0.17	0	0	0	0	0	0	0	0
1/16/2024 13:08	67901 WNHO_T2	0	0	0	0	0	0	0.01	0.11	1	1	0	900	900	0
1/16/2024 13:18	39601 LNFD_T1	7	3	-4	0.39	0.1	-0.29	0	0	1	1	0	900	900	0
1/16/2024 13:20	59202 THOM_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1/16/2024 13:22	14403 SSLA_T1	3	4	1	0.33	0.1	-0.23	1.24	1.23	0	0	0	0	0	0
1/16/2024 13:28	45702 LIND_T2	1	1	0	0.5	1	0.5	-0.35	-0.28	0	0	0	0	0	0
1/16/2024 13:42	54504 ENOL_T2	0	0	0	0	0	0	-0.86	-0.85	1	1	0	600	600	0
1/16/2024 13:43	63802 HEMP_T1	0	0	0	0	0	0	0.54	0.58	0	0	0	0	0	0
1/16/2024 13:47	63802 HEMP_T1	0	0	0	0	0	0	0.27	0.29	0	0	0	0	0	0
1/16/2024 13:49	54203 PENN_T1	262	253	-9	0.28	0.26	-0.02	0	0	0	0	0	0	0	0
1/16/2024 13:50	52401 GRPA_T2	0	1	1	0	0	0	0	0	0	0	0	0	0	0
1/16/2024 13:54	67901 WNHO_T2	0	0	0	0	0	0	0.08	0.07	1	1	0	900	900	0
1/16/2024 13:56	42201 SHEN_T2	0	0	0	0	0	0	-0.45	-0.42	1	1	0	600	600	0
1/16/2024 13:56	60101 COCA_T1	0	0	0	0	0	0	-0.01	-0.04	1	1	0	600	600	0
1/16/2024 14:07	45302 WBER_T2	0	0	0	0	0	0	0.93	0.92	0	0	0	0	0	0
1/16/2024 14:08	45302 WBER_T2	0	0	0	0	0	0	0.92	0.92	0	0	0	0	0	0
1/16/2024 14:08	59101 WALK_T2	0	0	0	0	0	0	0.58	0.69	0	0	0	0	0	0
1/16/2024 14:08	46001 BERW_T1	0	0	0	0	0	0	1.3	1.3	0	0	0	0	0	0
1/16/2024 14:10	20601 GRWO_T2	0	0	0	0	0	0	-0.21	-0.15	0	0	0	0	0	0
1/16/2024 14:10	46004 BERW_T2	0	1	1	0	0	0	-0.09	-0.13	0	0	0	0	0	0
1/16/2024 14:11	56105 HARR_T3	10	14	4	4.34	3.65	-0.69	0	0	0	0	0	0	0	0
1/16/2024 14:11	46001 BERW_T1	0	0	0	0	0	0	1.3	1.3	0	0	0	0	0	0
1/16/2024 14:11	67502 WEWI_T2	0	0	0	0	0	0	-1.04	-1.01	1	1	0	900	900	0
1/16/2024 14:12	15604 NSTR_T1	2	1	-1	0.85	1.4	0.55	-0.37	-0.39	0	0	0	0	0	0
1/16/2024 14:15	45702 LIND_T2	1	1	0	0.8	0.8	0	-0.34	-0.26	0	0	0	0	0	0
1/16/2024 14:16	65001 NEFF_T2	0	0	0	0	0	0	-0.77	-0.36	1	1	0	1200	1200	0
1/16/2024 14:16	15604 NSTR_T1	1	2	1	1.4	1.7	0.3	-0.37	-0.39	0	0	0	0	0	0
1/16/2024 14:18	48302 ORWI_T2	1	1	0	0.1	0.1	0	-0.34	-0.36	0	0	0	0	0	0
1/16/2024 14:19	65001 NEFF_T2	0	0	0	0	0	0	-0.77	-0.36	1	1	0	1200	1200	0
1/16/2024 14:20	67201 TEHI_T1	0	0	0	0	0	0	0.6	0.57	1	1	0	600	600	0
1/16/2024 14:20	67204 TEHI_T2	0	0	0	0	0	0	0.1	0.1	0	0	0	0	0	0
1/16/2024 14:21	45402 WBLO_T2	0	0	0	0	0	0	-0.48	-0.47	0	0	0	0	0	0
1/16/2024 14:22	60201 ATGL_T2	0	0	0	0	0	0	-0.35	-0.26	2	2	0	900	900	0
1/16/2024 14:23	67204 TEHI_T2	0	0	0	0	0	0	0.1	0.1	0	0	0	0	0	0
1/16/2024 14:23	59101 WALK_T2	0	0	0	0	0	0	1.38	1.39	0	0	0	0	0	0
1/16/2024 14:24	16302 ALPA_T2	0	0	0	0	0	0	-0.61	-0.58	0	0	0	0	0	0
1/16/2024 14:24	67502 WEWI_T2	0	0	0	0	0	0	-1.01	-1	1	1	0	900	900	0
1/16/2024 14:24	43001 ALWD_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1/16/2024 14:24	67503 WEWI_T2	0	0	0	0	0	0	0.19	0.12	0	0	0	0	0	0
1/16/2024 14:25	67502 WEWI_T2	0	0	0	0	0	0	-2.02	-2.01	2	2	0	1800	1800	0
1/16/2024 14:25	67602 WARW_T2	1	1	0	0.6	0	-0.6	0.91	0.87	0	0	0	0	0	0
1/16/2024 14:26	11102 EGYP_T1	0	1	1	0	0	0	0	0	0	0	0	0	0	0
1/16/2024 14:26	16302 ALPA_T2	0	0	0	0	0	0	-1.22	-1.17	0	0	0	0	0	0
1/16/2024 14:26	67602 WARW_T2	1	1	0	0.6	0	-0.6	0.45	0.43	0	0	0	0	0	0
1/16/2024 14:28	40101 HUNT_T2	452	367	-85	1.22	0.76	-0.46	-0.7	-0.85	0	0	0	0	0	0
1/16/2024 14:29	64303 LINC_T1	0	0	0	0	0	0	-0.21	-0.18	0	0	0	0	0	0
1/16/2024 14:30	52401 GRPA_T2	3	2	-1	0.27	0	-0.27	0	0	0	0	0	0	0	0
1/16/2024 14:30	64201 KINZ_T1	0	0	0	0	0	0	-1.59	-1.14	4	3	-1	2100	1500	-600
1/16/2024 14:30	52402 GRPA_T2	1	3	2	3.4	1.2	-2.2	-1.05	-1.04	0	0	0	0	0	0
1/16/2024 14:30	65001 NEFF_T2	0	0	0	0	0	0	-0.36	-0.62	1	1	0	1200	1200	0
1/16/2024 14:30	40101 HUNT_T2	366	274	-92	0.82	0.75	-0.07	-2.09	-2.56	0	0	0	0	0	0
1/16/2024 14:30	64303 LINC_T1	0	0	0	0	0	0	-0.21	-0.18	0	0	0	0	0	0
1/16/2024 14:31	63403 HONY_T2	0	0	0	0	0	0	-1.15	-1.06	1	1	0	600	600	0
1/16/2024 14:31	64202 KINZ_T1	1	0	-1	2.4	0	-2.4	0	0	0	0	0	0	0	0
1/16/2024 14:32	64203 KINZ_T1	7	6	-1	1.13	1.2	0.07	-0.66	-0.74	2	2	0	1800	1800	0
1/16/2024 14:32	40101 HUNT_T2	366	274	-92	0.82	0.75	-0.07	-0.7	-0.85	0	0	0	0	0	0
1/16/2024 14:32	42902 MIDD_T2	0	12	12	0	0.2	0.2	-0.74	-0.67	1	1	0	600	600	0
1/16/2024 14:32	11104 EGYP_T1	62	13	-49	0.41	0.6	0.19	0.57	0.53	0	0	0	0	0	0
1/16/2024 14:32	58401 MORO_T1	0	0	0	0	0	0	-0.8	-0.72	1	1	0	600	600	0
1/16/2024 14:33	64303 LINC_T1	0	0	0	0	0	0	-0.42	-0.35	0	0	0	0	0	0
1/16/2024 14:33	42902 MIDD_T2	0	12	12	0	0.2	0.2	-1.49	-1.35	2	2	0	1200	1200	0
1/16/2024 14:34	52401 GRPA_T2	3	2	-1	0.27	0	-0.27	0	0	0	0	0	0	0	0
1/16/2024 14:34	44601 SALE_T2	0	0	0	0	0	0	0.09	0.07	0	0	0	0	0	0
1/16/2024 14:34	54201 PENN_T1	230	271	41	0.53	0.56	0.03	-1.24	-1.24	0	0	0	0	0	0
1/16/2024 14:34	58401 MORO_T1	0	0	0	0	0	0	-0.8	-0.72	1	1	0	600	600	0
1/16/2024 14:34	52504 PROG_T1	19	37	18	0.12	0.2	0.08	0	0	0	0	0	0	0	0
1/16/2024 14:34	42902 MIDD_T2	0	12	12	0	0.2	0.2	-0.74	-0.67	1	1	0	600	600	0
1/16/2024 14:35	64801 MONE_T2	0	0	0	0	0	0	-0.33	-0.34	0	0	0	0	0	0
1/16/2024 14:36	44901 SCOT_T2	0	0	0	0	0	0	-0.6	-0.69	0	0	0	0	0	0
1/16/2024 14:36	42503 ALTA_T2	0	0	0	0	0	0	-0.45	-0.44	0	0	0	0	0	0
1/16/2024 14:37	64202 KINZ_T1	1	0	-1	2.4	0	-2.4	0	0	0	0	0	0	0	0
1/16/2024 14:37	16302 ALPA_T2	0	0	0	0	0	0	-0.61	-0.58	0	0	0	0	0	0
1/16/2024 14:38	55103 WERT_T1	0	1	1	0	0.1	0.1	0	0	0	0	0	0	0	0
1/16/2024 14:38	60201 ATGL_T2	0	0	0	0	0	0	-0.26	-0.08	2	2	0	900	900	0
1/16/2024 14:39	56802 BENV_T2	0	0	0	0	0	0	-1.18	-1.25	0	0	0	0	0	0
1/16/2024 14:39	67503 WEWI_T2	0	0	0	0	0	0	0.12	0.12	0	0	0	0	0	0
1/16/2024 14:39	60101 COCA_T1	0	0	0	0	0	0	-0.05	-0.08	1	1	0	600	600	0
1/16/2024 14:39	59101 WALK_T2	0	0	0	0	0	0	1.9	1.5	0	0	0	0	0	0
1/16/2024 14:39	61102 BERK_T5	1	0	-1	0.1	0	-0.1	-0.09	0.79	1	1	0	300	300	0
1/16/2024 14:40	61102 BERK_T5	1	0	-1	0.1	0	-0.1	-0.09	0.79	1	1	0	300	300	0
1/16/2024 14:40	27502 WEIS_T2	1	2	1	0.5	0.8	0.3	-0.17	-0.22	0	0	0	0	0	0
1/16/2024 14:40	16302 ALPA_T2	0	0	0	0	0	0	-0.58	-0.44	0	0	0	0	0	0
1/16/2024 14:42	11102 EGYP_T1	1	0	-1	0.2	0	-0.2	0	0	0	0	0	0	0	0
1/16/2024 14:43	11102 EGYP_T1	1	0	-1	0.2	0	-0.2	0	0	0	0	0	0	0	0
1/16/2024 14:43	60101 COCA_T1	0	0	0	0	0	0	-0.05	-0.08	1	1	0	600	600	0
1/16/2024 14:44	64702 LITI_T2	0	0	0	0	0	0	-0.73	-0.74	0	0	0	0	0	0
1/16/2024 14:44	41901 REED_T1	11	11	0	0.53	0.61	0.08	0	0	0	0	0	0	0	0
1/16/2024 14:44	28805 LAKE_T1	0	0	0	0	0	0	-0.16	-0.18	0	0	0	0	0	0
1/16/2024 14:44	40101 HUNT_T2	366	274	-92	0.82	0.75	-0.07	-0.85	-0.88	0	0	0	0	0	0
1/16/2024 14:45	43001 ALWD_T1	1	0	-1	0.2	0	-0.2	0	0	0	0	0	0	0	0
1/16/2024 14:46	52403 GRPA_T2	1	3	2	0.3	0.55	0.25	0	0	0	0	0	0	0	0
1/16/2024 14:46	40101 HUNT_T2	146	317	171	0.75	0.75	0	-2.56	-2.65	0	0	0	0	0	0
1/16/2024 14:46	52401 GRPA_T2	2	3	1	0.2	0	-0.2	0	0	0	0	0	0	0	0
1/16/2024 14:47	64702 LITI_T2	0	0	0	0	0	0	-0.73	-0.74	0	0	0	0	0	0
1/16/2024 14:48	64702 LITI_T2	0	0	0	0	0	0	-0.73	-0.74	0	0	0	0	0	0
1/16/2024 14:48	28805 LAKE_T1	0	0	0	0	0	0	-0.16	-0.18	0	0	0	0	0	0
1/16/2024 14:49	52501 PROG_T1	1	0	-1	0.1	0	-0.1	0.58	0.56	1	1	0	300	300	0
1/16/2024 14:49	54001 SDLE_T1	4	5	1	0.7	1.03	0.33	0	0	0	0	0	0	0	0
1/16/2024 14:49	54201 PENN_T1	236	267	31	0.52	0.56	0.04	-1.24	-1.21	0	0	0	0	0	0
1/16/2024 14:50	29401 BELT_T1	0	1	1	0	0.1	0.1	0	0	0	0	0	0	0	0
1/16/2024 14:50	67502 WEWI_T2	0	0	0	0	0	0	-1	-1.1	1	1	0	900	900	0
1/16/2024 14:50	54001 SDLE_T1	4	5	1	0.7	1.03	0.33	0	0	0	0	0	0	0	0
1/16/2024 14:50	27502 WEIS_T2	2	1	-1	0.45	1.1	0.65	-0.17	-0.22	0	0	0	0	0	0
1/16/2024 14:50	28704 HAML_T2	0	1	1	0	0.1	0.1	-0.65	-0.7	0	0	0	0	0	0
1/16/2024 14:51	67503 WEWI_T2	0	0	0	0	0	0	0.12	0.12	0	0	0	0	0	0
1/16/2024 14:52	42501 ALTA_T2	0	5	5	0	0.12	0.12	0	0	0	0	0	0	0	0
1/16/2024 14:52	67503 WEWI_T2	0	0	0	0	0	0	0.12	0.12	0	0	0	0	0	0
1/16/2024 14:52	54001 SDLE_T1	4	5	1	0.7	1.03	0.33	0	0	0	0	0	0	0	0
1/16/2024 14:52	20401 ASHF_T2	1	2	1	0.4	0	-0.4	0	0	0	0	0	0	0	0
1/16/2024 14:52	40502 CRES_T2	7	9	2	0.17	0.33	0.16	-0.36	-0.42	0	0	0	0	0	0
1/16/2024 14:52	67201 TEHI_T1	0	0	0	0	0	0	0.33	-0.1	1	1	0	600	600	0
1/16/2024 14:52	67204 TEHI_T2	0	0	0	0	0	0	0.11	0.1	0	0	0	0	0	0
1/16/2024 14:52	27502 WEIS_T2	2	1	-1	0.45	1.1	0.65	-0.17	-0.22	0	0	0	0	0	0
1/16/2024 14:53	45402 WBLO_T2	0	1	1	0	0.1	0.1	-0.41	-0.45	0	0	0	0	0	0
1/16/2024 14:53	16402 MOPO_T1	23	20	-3	0.46	0.49	0.03	0.3	0.31	0	0	0	0	0	0
1/16/2024 14:54	51102 CARL_T1	0	2	2	0	0.15	0.15	0	0	0	0	0	0	0	0
1/16/2024 14:54	54001 SDLE_T1	4	5	1	0.7	1.03	0.33	0	0	0	0	0	0	0	0
1/16/2024 14:54	67204 TEHI_T2	0	0	0	0	0	0	0.1	0.09	0	0	0	0	0	0
1/16/2024 14:54	45402 WBLO_T2	0	1	1	0	0.1	0.1	-0.41	-0.45	0	0	0	0	0	0
1/16/2024 14:55	61801 EELI_T2	0	0	0	0	0	0	-1.6	-1.68	2	2	0	1200	1200	0
1/16/2024 14:55	67901 WNHO_T2	0	0	0	0	0	0	-0.11	-0.34	1	1	0	900	900	0
1/16/2024 14:56	67503 WEWI_T2	0	0	0	0	0	0	0.12	0.11	0	0	0	0	0	0
1/16/2024 14:57	67702 WERN_T2	0	0	0	0	0	0	-0.05	-0.01	0	0	0	0	0	0
1/16/2024 14:57	67503 WEWI_T2	0	0	0	0	0	0	0.12	0.11	0	0	0	0	0	0
1/16/2024 14:58	28805 LAKE_T1	0	0	0	0	0	0	-0.18	-0.15	0	0	0	0	0	0
1/16/2024 14:58	11103 EGYP_T1	0	1	1	0	0	0	0	0	0	0	0	0	0	0
1/16/2024 14:58	40502 CRES_T2	7	9	2	0.17	0.33	0.16	-0.42	-0.41	0	0	0	0	0	0
1/16/2024 15:00	40502 CRES_T2	9	6	-3	0.33	0.22	-0.11	-0.42	-0.41	0	0	0	0	0	0
1/16/2024 15:00	28704 HAML_T2	0	1	1	0	0.4	0.4	-0.7	-0.67	0	0	0	0	0	0
1/16/2024 15:00	67702 WERN_T2	0	0	0	0	0	0	-0.05	-0.01	0	0	0	0	0	0
1/16/2024 15:00	48302 ORWI_T2	0	0	0	0	0	0	-0.34	-0.34	0	0	0	0	0	0
1/16/2024 15:01	52004 LING_T2	1	2	1	1	0.7	-0.3	0	0	0	0	0	0	0	0
1/16/2024 15:02	50502 MECH_T1	1	1	0	0.7	0.7	0	0	0	0	0	0	0	0	0
1/16/2024 15:04	11104 EGYP_T1	8	13	5	0.36	0.2	-0.16	0.53	0.57	0	0	0	0	0	0
1/16/2024 15:04	54205 PENN_T1	76	56	-20	0.27	0.24	-0.03	0	0	0	0	0	0	0	0
1/16/2024 15:04	16402 MOPO_T1	13	18	5	0.48	0.28	-0.2	0.3	0.31	0	0	0	0	0	0
1/16/2024 15:05	45302 WBER_T2	0	1	1	0	0.4	0.4	0.97	0.91	0	0	0	0	0	0
1/16/2024 15:05	51107 CARL_T1	0	0	0	0	0	0	0.13	0.03	0	0	0	0	0	0
1/16/2024 15:07	67103 SPRI_T1	0	0	0	0	0	0	-0.06	-0.09	0	0	0	0	0	0
1/16/2024 15:07	57404 SPAN_T2	0	0	0	0	0	0	0.14	0.15	2	2	0	2400	2400	0
1/16/2024 15:08	14401 SSLA_T1	3	0	-3	1.17	0	-1.17	0	0	0	0	0	0	0	0
1/16/2024 15:08	67702 WERN_T2	0	0	0	0	0	0	-0.05	-0.01	0	0	0	0	0	0
1/16/2024 15:09	67502 WEWI_T2	0	0	0	0	0	0	-1.07	-1.08	1	1	0	900	900	0
1/16/2024 15:09	45302 WBER_T2	0	1	1	0	0.4	0.4	0.91	0.91	0	0	0	0	0	0
1/16/2024 15:09	46004 BERW_T2	0	1	1	0	0	0	-0.29	-0.26	0	0	0	0	0	0
1/16/2024 15:10	40502 CRES_T2	9	6	-3	0.33	0.22	-0.11	-0.41	-0.43	0	0	0	0	0	0
1/16/2024 15:10	61102 BERK_T5	0	0	0	0	0	0	0.79	0.94	1	1	0	300	300	0
1/16/2024 15:10	66703 STRA_T1	0	0	0	0	0	0	0.2	0.19	0	0	0	0	0	0
1/16/2024 15:11	55103 WERT_T1	1	0	-1	0.7	0	-0.7	0	0	0	0	0	0	0	0
1/16/2024 15:12	15001 BLMO_T1	1	3	2	0.5	0	-0.5	0	0	0	0	0	0	0	0
1/16/2024 15:12	29401 BELT_T1	0	2	2	0	0.1	0.1	0	0	2	2	0	1800	1800	0
1/16/2024 15:13	46801 HEPB_T2	0	1	1	0	0.2	0.2	0.73	0.77	0	0	0	0	0	0
1/16/2024 15:15	59102 WALK_T2	0	0	0	0	0	0	-0.23	-0.2	1	1	0	600	600	0
1/16/2024 15:16	67503 WEWI_T2	0	0	0	0	0	0	0.11	0.15	0	0	0	0	0	0
1/16/2024 15:20	60501 NMAN_T2	3	3	0	4.5	4.33	-0.17	0	0	0	0	0	0	0	0
1/16/2024 15:21	16302 ALPA_T2	0	0	0	0	0	0	-0.47	-0.58	0	0	0	0	0	0
1/16/2024 15:21	67503 WEWI_T2	0	0	0	0	0	0	0.11	0.15	0	0	0	0	0	0
1/16/2024 15:22	67904 WNHO_T1	0	0	0	0	0	0	-2.05	-2.05	2	2	0	2100	2100	0
1/16/2024 15:22	27502 WEIS_T2	1	0	-1	1.1	0	-1.1	-0.21	-0.23	0	0	0	0	0	0
1/16/2024 15:24	16302 ALPA_T2	0	0	0	0	0	0	-0.58	-0.55	0	0	0	0	0	0
1/16/2024 15:24	67702 WERN_T2	0	0	0	0	0	0	-0.02	-0.02	0	0	0	0	0	0
1/16/2024 15:25	65604 QVIL_T2	1	0	-1	0.2	0	-0.2	0.09	0.03	0	0	0	0	0	0
1/16/2024 15:26	60101 COCA_T1	0	0	0	0	0	0	-0.07	0.54	1	0	-1	600	0	-600
1/16/2024 15:26	11103 EGYP_T1	1	0	-1	0.2	0	-0.2	0

Appendix C - Grid Benefits Achieved in Each Instance of Active Management

1/16/2024 17:15	53901 HALI_T2	2	2	0	0.1	0.1	0	-1.34	-1.33	0	0	0	0	0	0
1/16/2024 17:16	46204 DANV_T2	0	7	7	0	0.3	0.3	0	0	0	0	0	0	0	0
1/16/2024 17:16	40502 CRES_T2	4	12	8	0.15	0.24	0.09	-0.72	-0.6	0	0	0	0	0	0
1/16/2024 17:17	52102 MEIS_T1	0	1	1	0	0	0	0	0	0	1	0	450	450	0
1/16/2024 17:17	67703 WERN_T2	0	1	1	0	0	0	-0.1	-0.1	1	1	0	900	900	0
1/16/2024 17:18	41801 GOCI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1/16/2024 17:19	46302 ROHR_T1	0	0	0	0	0	0	0.66	0.7	0	0	0	0	0	0
1/16/2024 17:19	52004 LING_T2	1	1	0	1.5	1.7	0.2	0	0	0	0	0	0	0	0
1/16/2024 17:20	40101 HUNT_T2	444	638	194	1.03	1.6	0.57	-0.77	-0.72	0	0	0	0	0	0
1/16/2024 17:20	40502 CRES_T2	4	12	8	0.15	0.24	0.09	-0.36	-0.3	0	0	0	0	0	0
1/16/2024 17:20	53901 HALI_T2	2	2	0	0.1	0.1	0	-1.34	-1.33	0	0	0	0	0	0
1/16/2024 17:22	40502 CRES_T2	4	12	8	0.15	0.24	0.09	-0.36	-0.3	0	0	0	0	0	0
1/16/2024 17:23	64801 MONE_T2	0	1	1	0	0	0	-0.28	-0.28	0	0	0	0	0	0
1/16/2024 17:24	44901 SCOT_T2	0	0	0	0	0	0	-0.93	-0.91	0	0	0	0	0	0
1/16/2024 17:25	56802 BENV_T2	0	0	0	0	0	0	-1.1	-1.06	0	0	0	0	0	0
1/16/2024 17:26	42902 MIDD_T2	1	18	17	0.1	0.37	0.27	-0.21	-0.23	0	0	0	0	0	0
1/16/2024 17:27	57303 MOAL_T2	1	1	0	8.1	8.1	0	0	0	0	0	0	0	0	0
1/16/2024 17:28	40502 CRES_T2	4	12	8	0.15	0.24	0.09	-0.3	-0.31	0	0	0	0	0	0
1/16/2024 17:28	53903 HALI_T2	2	2	0	0.85	0.7	-0.15	-0.13	-0.12	0	0	0	0	0	0
1/16/2024 17:29	55101 WERT_T1	0	0	0	0	0	0	-1.53	-1.49	2	2	0	1500	1500	0
1/16/2024 17:30	55101 WERT_T1	0	0	0	0	0	0	-1.53	-1.49	2	2	0	1500	1500	0
1/16/2024 17:30	44905 SCOT_T1	70	73	3	1.65	1.97	0.32	0	0	0	0	0	0	0	0
1/16/2024 17:31	55103 WERT_T1	1	1	0	1.7	0	-1.7	0	0	0	0	0	0	0	0
1/16/2024 17:32	44903 SCOT_T1	1	0	-1	0.1	0	-0.1	-0.02	-0.02	0	0	0	0	0	0
1/16/2024 17:32	56801 BENV_T1	11	9	-2	0.55	0.69	0.14	-0.93	-0.96	2	2	0	1200	1200	0
1/16/2024 17:32	55103 WERT_T1	1	1	0	1.7	0	-1.7	0	0	0	0	0	0	0	0
1/16/2024 17:32	40502 CRES_T2	11	13	2	0.24	0.32	0.08	-0.3	-0.31	0	0	0	0	0	0
1/16/2024 17:33	64101 REFR_T1	0	0	0	0	0	0	0.21	0.21	0	0	0	0	0	0
1/16/2024 17:34	40502 CRES_T2	11	13	2	0.24	0.32	0.08	-0.6	-0.61	0	0	0	0	0	0
1/16/2024 17:35	66504 SMAN_T2	0	0	0	0	0	0	-1.22	-1.24	1	1	0	1200	1200	0
1/16/2024 17:35	47401 PENS_T1	0	0	0	0	0	0	1.81	1.84	0	0	0	0	0	0
1/16/2024 17:36	40502 CRES_T2	11	13	2	0.24	0.32	0.08	-0.9	-0.92	0	0	0	0	0	0
1/16/2024 17:37	51107 CARL_T1	0	0	0	0	0	0	-0.17	-0.2	0	0	0	0	0	0
1/16/2024 17:37	56802 BENV_T2	0	0	0	0	0	0	-1.1	-1.06	0	0	0	0	0	0
1/16/2024 17:38	40101 HUNT_T2	616	670	54	1.59	1.42	-0.17	-0.73	-0.69	0	0	0	0	0	0
1/16/2024 17:38	40502 CRES_T2	11	13	2	0.24	0.32	0.08	-0.31	-0.3	0	0	0	0	0	0
1/16/2024 17:38	56801 BENV_T1	11	9	-2	0.55	0.69	0.14	-0.93	-0.96	2	2	0	1200	1200	0
1/16/2024 17:38	64101 REFR_T1	0	0	0	0	0	0	0.21	0.21	0	0	0	0	0	0
1/16/2024 17:40	53903 HALI_T2	2	2	0	0.7	0.8	0.1	0	0	0	0	0	0	0	0
1/16/2024 17:41	47402 PENS_T1	0	2	2	0	0	0	0	0	0	0	0	0	0	0
1/16/2024 17:42	64101 REFR_T1	0	0	0	0	0	0	0.21	0.19	0	0	0	0	0	0
1/16/2024 17:43	56801 BENV_T1	11	9	-2	0.55	0.69	0.14	-0.96	-0.93	2	2	0	1200	1200	0
1/16/2024 17:43	44601 SALE_T2	0	0	0	0	0	0	0.07	0.05	0	0	0	0	0	0
1/16/2024 17:44	52002 LING_T2	0	2	2	0	0	0	0.15	0.2	0	0	0	0	0	0
1/16/2024 17:44	41901 REED_T1	12	16	4	1.08	1.11	0.03	0	0	0	0	0	0	0	0
1/16/2024 17:44	59302 MCAL_T1	0	0	0	0	0	0	-0.71	-0.8	1	1	0	600	600	0
1/16/2024 17:45	67602 WARW_T2	0	0	0	0	0	0	1.15	1.13	0	0	0	0	0	0
1/16/2024 17:45	64202 KINZ_T1	2	4	2	0.55	0	-0.55	0	0	0	0	0	0	0	0
1/16/2024 17:45	67502 WEWI_T2	0	0	0	0	0	0	-1.15	-1.11	1	1	0	900	900	0
1/16/2024 17:46	56802 BENV_T2	0	0	0	0	0	0	-1.06	-1.08	0	0	0	0	0	0
1/16/2024 17:46	51109 CARL_T1	0	1	1	0	0	0	0	0	0	0	0	0	0	0
1/16/2024 17:46	40502 CRES_T2	10	13	3	0.25	0.28	0.03	-0.92	-0.89	0	0	0	0	0	0
1/16/2024 17:46	53502 EVIL_T2	14	12	-2	1.72	1	-0.72	0	0	0	0	0	0	0	0
1/16/2024 17:46	62606 ENGL_T1	3	3	0	0.67	0	-0.67	0	0	0	0	0	0	0	0
1/16/2024 17:46	20401 ASHF_T2	5	3	-2	0.32	0.37	0.05	0	0	0	0	0	0	0	0
1/16/2024 17:46	20603 GRWD_T2	18	20	2	1.1	0.66	-0.44	0	0	0	0	0	0	0	0
1/16/2024 17:47	49804 UNIV_T1	7	6	-1	0.63	0.25	-0.38	0	0	0	0	0	0	0	0
1/16/2024 17:47	56801 BENV_T1	8	4	-4	0.73	0.45	-0.28	-0.96	-0.93	2	2	0	1200	1200	0
1/16/2024 17:47	64303 LINC_T1	0	0	0	0	0	0	-0.04	-0.05	0	0	0	0	0	0
1/16/2024 17:47	56504 ROCK_T2	7	7	0	0.74	0.84	0.1	0	0	0	0	0	0	0	0
1/16/2024 17:48	62604 ENGL_T1	1	2	1	0.5	0.4	-0.1	-0.33	-0.36	1	1	0	600	600	0
1/16/2024 17:48	40502 CRES_T2	10	13	3	0.25	0.28	0.03	-1.53	-1.48	0	0	0	0	0	0
1/16/2024 17:49	46204 DANV_T2	4	26	22	0.43	0.38	-0.05	0	0	0	0	0	0	0	0
1/16/2024 17:49	61102 BERK_T5	0	0	0	0	0	0	0.22	0.17	1	1	0	300	300	0
1/16/2024 17:50	63305 GREE_T1	0	0	0	0	0	0	-1.4	-1.38	0	0	0	0	0	0
1/16/2024 17:50	40502 CRES_T2	10	13	3	0.25	0.28	0.03	-1.23	-1.19	0	0	0	0	0	0
1/16/2024 17:50	64303 LINC_T1	0	0	0	0	0	0	-0.04	-0.05	0	0	0	0	0	0
1/16/2024 17:51	44905 SCOT_T1	72	73	1	2.3	1.29	-1.01	0	0	0	0	0	0	0	0
1/16/2024 17:51	42902 MIDD_T2	11	36	25	0.46	0.49	0.03	-0.23	-0.21	0	0	0	0	0	0
1/16/2024 17:51	56504 ROCK_T2	7	7	0	0.74	0.84	0.1	0	0	0	0	0	0	0	0
1/16/2024 17:51	62606 ENGL_T1	3	3	0	0.67	0	-0.67	0	0	0	0	0	0	0	0
1/16/2024 17:51	55002 NEWP_T1	1	3	2	0.1	0.27	0.17	-0.09	-0.08	0	0	0	0	0	0
1/16/2024 17:52	50201 HARR_T3	1	6	5	5.3	6	0.7	0	0	0	0	0	0	0	0
1/16/2024 17:52	40502 CRES_T2	10	13	3	0.25	0.28	0.03	-0.61	-0.59	0	0	0	0	0	0
1/16/2024 17:52	67103 SPRI_T1	0	0	0	0	0	0	-0.06	-0.06	0	0	0	0	0	0
1/16/2024 17:52	63305 GREE_T1	0	0	0	0	0	0	-1.4	-1.38	0	0	0	0	0	0
1/16/2024 17:53	64204 KINZ_T1	0	1	1	0	0.8	0.8	0	0	0	0	0	0	0	0
1/16/2024 17:53	60201 ATGL_T2	0	0	0	0	0	0	-0.06	-0.03	2	2	0	900	900	0
1/16/2024 17:53	64303 LINC_T1	0	0	0	0	0	0	-0.04	-0.05	0	0	0	0	0	0
1/16/2024 17:54	56501 ROCK_T2	1	24	23	1	0.19	-0.81	-1.94	-1.95	0	0	0	0	0	0
1/16/2024 17:54	44903 SCOT_T1	0	0	0	0	0	0	-0.02	-0.02	0	0	0	0	0	0
1/16/2024 17:54	64201 KINZ_T1	0	1	1	0	0	0	-1.09	-1.11	3	3	0	1500	1500	0
1/16/2024 17:54	41801 GOCI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1/16/2024 17:54	65001 NEFF_T2	0	0	0	0	0	0	-0.66	-0.79	1	1	0	1200	1200	0
1/16/2024 17:54	64303 LINC_T1	0	0	0	0	0	0	-0.05	-0.04	0	0	0	0	0	0
1/16/2024 17:56	56504 ROCK_T2	7	7	0	0.74	0.84	0.1	0	0	0	0	0	0	0	0
1/16/2024 17:56	56801 BENV_T1	8	4	-4	0.73	0.45	-0.28	-0.93	-0.96	2	2	0	1200	1200	0
1/16/2024 17:56	57401 SPAN_T1	0	0	0	0	0	0	-0.95	-0.99	1	1	0	600	600	0
1/16/2024 17:58	52404 GRPA_T2	92	87	-5	1.6	0.74	-0.86	0	0	0	0	0	0	0	0
1/16/2024 17:58	46203 DANV_T2	0	5	5	0	0.2	0.2	-0.78	-0.75	0	0	0	0	0	0
1/16/2024 17:58	55002 NEWP_T1	1	3	2	0.1	0.27	0.17	-0.08	-0.09	0	0	0	0	0	0
1/16/2024 17:58	53903 HALI_T2	2	2	0	0.7	1	0.3	0	0	0	0	0	0	0	0
1/16/2024 17:58	67204 TEHI_T2	0	0	0	0	0	0	0.37	0.36	0	0	0	0	0	0
1/16/2024 17:58	42301 SHEN_T2	0	0	0	0	0	0	0.21	0.2	1	1	0	600	600	0
1/16/2024 18:00	67103 SPRI_T1	0	0	0	0	0	0	-0.06	-0.05	0	0	0	0	0	0
1/16/2024 18:00	52402 GRPA_T2	49	18	-31	0.52	0.69	0.17	0	0	0	0	0	0	0	0
1/16/2024 18:00	55001 NEWP_T1	3	5	2	0.67	1	0.33	0	0	0	0	0	0	0	0
1/16/2024 18:00	56801 BENV_T1	2	4	2	0.55	0.45	-0.1	-0.93	-0.96	2	2	0	1200	1200	0
1/16/2024 18:00	56501 ROCK_T2	1	66	65	0.7	0.19	-0.51	0	0	0	0	0	0	0	0
1/16/2024 18:01	63305 GREE_T1	0	0	0	0	0	0	-1.38	-1.19	0	0	0	0	0	0
1/16/2024 18:01	67103 SPRI_T1	0	0	0	0	0	0	-0.06	-0.05	0	0	0	0	0	0
1/16/2024 18:03	47402 PENS_T1	2	2	0	0.25	0	-0.25	0	0	0	0	0	0	0	0
1/16/2024 18:03	56801 BENV_T1	2	4	2	0.55	0.45	-0.1	-0.93	-0.96	2	2	0	1200	1200	0
1/16/2024 18:03	54001 SDLE_T1	1	2	1	2.2	2	-0.2	0	0	0	0	0	0	0	0
1/16/2024 18:04	60101 COCA_T1	0	0	0	0	0	0	-0.01	-0.01	1	1	0	600	600	0
1/16/2024 18:04	59101 WALK_T2	0	0	0	0	0	0	0.1	0.38	0	0	0	0	0	0
1/16/2024 18:05	47401 PENS_T1	0	0	0	0	0	0	0.86	0.91	0	0	0	0	0	0
1/16/2024 18:05	46005 BERW_T1	11	11	0	1.4	0	-1.4	0	0	0	0	0	0	0	0
1/16/2024 18:05	67503 WEWI_T2	0	0	0	0	0	0	0.43	0.43	0	0	0	0	0	0
1/16/2024 18:06	52404 GRPA_T2	82	84	2	1.25	0.71	-0.54	0.1	0.1	0	0	0	0	0	0
1/16/2024 18:06	56504 ROCK_T2	5	8	3	0.84	0.9	0.06	0	0	0	0	0	0	0	0
1/16/2024 18:06	44901 SCOT_T2	0	0	0	0	0	0	-0.95	-0.94	0	0	0	0	0	0
1/16/2024 18:06	63305 GREE_T1	0	0	0	0	0	0	-1.38	-1.19	0	0	0	0	0	0
1/16/2024 18:07	46001 BERW_T1	0	0	0	0	0	0	1.18	1.21	0	0	0	0	0	0
1/16/2024 18:07	52403 GRPA_T2	75	86	11	0.66	0.53	-0.13	0	0	0	0	0	0	0	0
1/16/2024 18:08	60201 ATGL_T2	0	0	0	0	0	0	-0.03	-0.12	2	2	0	900	900	0
1/16/2024 18:10	52002 LING_T2	2	0	-2	0.6	0	-0.6	0.15	0.16	0	0	0	0	0	0
1/16/2024 18:10	65001 NEFF_T2	0	0	0	0	0	0	-0.79	-0.72	1	1	0	1200	1200	0
1/16/2024 18:10	57401 SPAN_T1	0	0	0	0	0	0	-0.99	-0.98	1	1	0	600	600	0
1/16/2024 18:10	56504 ROCK_T2	5	8	3	0.84	0.9	0.06	0	0	0	0	0	0	0	0
1/16/2024 18:10	43201 MVIL_T2	0	0	0	0	0	0	-0.24	-0.28	0	0	0	0	0	0
1/16/2024 18:10	40502 CRES_T2	13	9	-4	0.41	0.21	-0.2	-0.34	-0.32	0	0	0	0	0	0
1/16/2024 18:11	60101 COCA_T1	0	0	0	0	0	0	-0.01	-0.01	1	1	0	600	600	0
1/16/2024 18:11	13503 MCMI_T2	349	430	81	1.81	1.6	-0.21	0.63	0.69	0	0	0	0	0	0
1/16/2024 18:11	46803 HEPB_T2	0	1	1	0	0.1	0.1	0	0	0	0	0	0	0	0
1/16/2024 18:12	44903 SCOT_T1	0	3	3	0	0	0	-0.02	-0.02	0	0	0	0	0	0
1/16/2024 18:12	40502 CRES_T2	13	9	-4	0.41	0.21	-0.2	-0.34	-0.32	0	0	0	0	0	0
1/16/2024 18:12	52102 MEIS_T1	0	0	0	0	0	0	0	0	1	1	0	450	450	0
1/16/2024 18:13	40902 JESH_T1	0	0	0	0	0	0	0.61	0.58	0	0	0	0	0	0
1/16/2024 18:13	13503 MCMI_T2	349	430	81	1.81	1.6	-0.21	0.63	0.69	0	0	0	0	0	0
1/16/2024 18:14	13503 MCMI_T2	349	430	81	1.81	1.6	-0.21	0.63	0.69	0	0	0	0	0	0
1/16/2024 18:14	54001 SDLE_T1	1	2	1	2.2	2	-0.2	0	0	0	0	0	0	0	0
1/16/2024 18:14	56801 BENV_T1	2	4	2	0.55	0.45	-0.1	-0.96	-0.94	2	2	0	1200	1200	0
1/16/2024 18:14	40502 CRES_T2	13	9	-4	0.41	0.21	-0.2	-0.34	-0.32	0	0	0	0	0	0
1/16/2024 18:14	45302 WBER_T2	3	4	1	0.6	0.4	-0.2	0.83	0.8	0	0	0	0	0	0
1/16/2024 18:14	40101 HUNT_T2	648	438	-210	1.39	1.26	-0.13	-1.39	-1.37	0	0	0	0	0	0
1/16/2024 18:15	44905 SCOT_T1	69	63	-6	1.29	0.8	-0.49	0	0	0	0	0	0	0	0
1/16/2024 18:15	42902 MIDD_T2	15	5	-10	0.49	0.17	-0.32	-0.2	-0.32	0	0	0	0	0	0
1/16/2024 18:15	67502 WEWI_T2	0	0	0	0	0	0	-1.14	-1.11	1	1	0	900	900	0
1/16/2024 18:15	57702 PAXT_T1	0	0	0	0	0	0	-0.45	-0.49	0	0	0	0	0	0
1/16/2024 18:16	46206 DANV_T2	2	2	0	0.75	0.5	-0.25	0	0	0	0	0	0	0	0
1/16/2024 18:16	52401 GRPA_T2	61	73	12	0.64	0.55	-0.09	0	0	0	0	0	0	0	0
1/16/2024 18:16	67204 TEHI_T2	0	0	0	0	0	0	0.36	0.34	0	0	0	0	0	0
1/16/2024 18:16	20601 GRWD_T2	0	0	0	0	0	0	-0.45	-0.64	0	0	0	0	0	0
1/16/2024 18:16	43402 BENT_T1	1	1	0	0.8	0.5	-0.3	-1.44	-1.43	2	2	0	1500	1500	0
1/16/2024 18:16	40502 CRES_T2	6	10	4	0.2	0.32	0.12	-0.34	-0.32	0	0	0	0	0	0
1/16/2024 18:16	56801 BENV_T1	4	2	-2	0.45	0.4	-0.05	-0.96	-0.94	2	2	0	1200	1200	0
1/16/2024 18:16	53903 HALI_T2	2	2	0	1	1.05	0.05	0	0	0	0	0	0	0	0
1/16/2024 18:16	57702 PAXT_T1	0	0	0	0	0	0	-0.45	-0.49	0	0	0	0	0	0
1/16/2024 18:16	57401 SPAN_T1	0	0	0	0	0	0	-0.99	-0.98	1	1	0	600	600	0
1/16/2024 18:17	16302 ALPA_T2	1	0	-1	0.1	0	-0.1	-0.5	-0.47	0	0	0	0	0	0
1/16/2024 18:17	53901 HALI_T2	13	17	4	0.13	0.19	0.06	0	0	0	0	0	0	0	0
1/16/2024 18:17	42701 AUGU_T1	56	56	0	1.22	0.81	-0.41	0	0	1	1	0	600	600	0
1/16/2024 18:17	57401 SPAN_T1	0	0	0	0	0	0	-0.99	-0.98	1	1	0	600	600	0
1/16/2024 18:18	41901 REED_T1	15	12	-3	0.97	1.3	0.33	0	0	0	0	0	0	0	0
1/16/2024 18:18	53901 HALI_T2	13	17	4	0.13	0.19	0.06	0	0	0	0	0	0	0	0
1/16/2024 18:18	52102 MEIS_T1	0	0	0	0	0	0	0	0	1	1	0	450	450	0
1/16/2024 18:18	56801 BENV_T1	4	2	-2	0.45	0.4	-0.05	-0.96	-0.94	2	2	0	1200	1200	0
1/16/2024 18:19	56801 BENV_T1	4	2	-2	0.45	0.4	-0.05	-0.96	-0.94	2	2	0	1200	1200	0
1/16/2024 18:19	66503 SMAN_T2	8	156	148	0.16	0.23	0.07	0	0	0	0	0	0	0	0
1/16/2024 18:19	52002 LING_T2	0	0	0	0	0	0	0.15	0.16	0	0	0	0	0	0
1/16/2024 18:19	52101 MEIS_T1	1	1	0	0.1	0.2	0.1	0	0	0	0	0	0	0	0
1/16/2024 18:20	46204 DANV_T2	13	4	-9	0.32	0	-0.32	0	0	0	0	0	0	0	0
1/16/2024 18:21	55105 WERT_T1	0	0	0	0	0	0	-0.21	-0.17	1	1	0	900	900	0
1/16/2024 18:21	56801 BENV_T1	4	2	-2	0.45	0.4	-0.05	-0.96	-0.94	2	2	0	1200	1200	0
1/16/2024 18:22	43202 MVIL_T2	17	8	-9	0.18	0.14	-0.04	-0.57	-0.57	0	0	0	0	0	0
1/16/2024 18:22	11104 EGYP_T1	26	19	-7	0.44	0.32	-0.12	-0.2	-0.2	1	1	0	900	900	0
1/16/2024 18:23	56801 BENV_T1	4	2	-2	0.45	0.4	-0.05	-0.96	-0.94	2	2	0	1200	1200	0
1/16/2024 18:23	46004 BERW_T2	4	11	7	0.33	0.77	0.44	-0.36	-0.3	0	0	0	0	0	0
1/16/2024 18:24	58401 MORO_T1	2	2	0	0.5	0.4	-0.1	-1.33	-1.36	2	2	0	1200	1200	0
1/16/2024 18:24	41901 REED_T1	15	12	-3	0.97	1.3	0.33	0	0	0	0	0	0	0	0
1/16/2024 18:25	46204 DANV_T2	13	4	-9	0.32	0	-0.32	0	0	0	0	0	0	0	0
1/16/2024 18:25	44903 SCOT_T1	0	6	6	0	0.63	0.63	-0.02	-0.02	0	0	0	0	0	0
1/16/2024 18:27	64201 KINZ_T1	1	1	0	0.8	0	-0.8	-1.04	-1.1	3	3	0	1500	1500	0
1/16/2024 18:27	47403 PENS_T1	1	0	-1	2.4	0	-2.4	0	0	0	0	0	0	0	0
1/16/2024 18:27	66703 STRA_T1	0	0	0	0	0	0	0.07	0.1	0	0	0	0	0	0
1/16/2024 18:27	46004 BERW_T2	4	11	7	0.33	0.77	0.44	-0.36	-0.3	0	0	0	0	0	0
1/16/2024 18:29	57401 SPAN_T1

Appendix C - Grid Benefits Achieved in Each Instance of Active Management

1/16/2024 18:54	40201 BEGA_T2	0	1	1	0	0	0	0	0	0	0	0	0	0	0
1/16/2024 18:54	56801 BENV_T1	2	6	4	0.3	0.52	0.22	-0.95	-0.96	2	2	0	1200	1200	0
1/16/2024 18:54	12701 MACU_T1	0	0	0	0	0	0	-0.9	-0.92	1	1	0	1200	1200	0
1/16/2024 18:55	46204 DANV_T2	3	12	9	0.1	0.2	0.1	0	0	0	0	0	0	0	0
1/16/2024 18:55	45303 WIBER_T2	0	1	1	0	0	0	0	0	0	0	0	0	0	0
1/16/2024 18:56	44905 SCOT_T1	54	71	17	0.85	1.46	0.61	0	0	0	0	0	0	0	0
1/16/2024 18:56	45402 WILO_T2	4	4	0	0.43	0	-0.43	-0.35	-0.35	0	0	0	0	0	0
1/16/2024 18:56	42701 AUGU_T1	56	55	-1	1.24	0.86	-0.38	0	0	2	2	0	1200	1200	0
1/16/2024 18:56	52102 MEIS_T1	0	0	0	0	0	0	0	0	1	1	0	450	450	0
1/16/2024 18:56	59101 WALK_T2	0	0	0	0	0	0	0.3	0.34	0	0	0	0	0	0
1/16/2024 18:57	45502 DERR_T2	2	3	1	0.35	0.55	0.2	0	0	0	0	0	0	0	0
1/16/2024 18:58	40502 CRES_T2	10	8	-2	0.32	0.21	-0.11	-0.28	-0.29	0	0	0	0	0	0
1/16/2024 18:58	52102 MEIS_T1	0	0	0	0	0	0	0	0	1	1	0	450	450	0
1/16/2024 18:58	45501 DERR_T2	3	6	3	0.47	0.55	0.08	0.68	0.76	2	2	0	1800	1800	0
1/16/2024 18:58	29402 BELT_T1	4	6	2	1.83	3.25	1.42	0	0	0	0	0	0	0	0
1/16/2024 18:59	55001 NEWP_T1	0	1	1	0	0	0	0	0	0	0	0	0	0	0
1/16/2024 18:59	43401 BENT_T1	2	2	0	0.45	0	-0.45	0	0	0	0	0	0	0	0
1/16/2024 18:59	43202 MVIL_T2	4	14	10	0.18	0.17	-0.01	-0.57	-0.55	0	0	0	0	0	0
1/16/2024 19:00	45802 HEGI_T2	1	2	1	1	0	-1	0.77	0.68	0	0	0	0	0	0
1/16/2024 19:00	53901 HAU_T2	51	50	-1	0.24	0.26	0.02	0	0	0	0	0	0	0	0
1/16/2024 19:02	29402 BELT_T1	3	5	2	2.2	3.1	0.9	0	0	0	0	0	0	0	0
1/16/2024 19:03	46903 MNTG_T2	0	1	1	0	0.1	0.1	-0.2	-0.222	1	1	0	600	600	0
1/16/2024 19:03	67904 WNHO_T1	0	0	0	0	0	0	-1.08	-1.07	1	1	0	1200	1200	0
1/16/2024 19:04	53501 EVIL_T2	0	1	1	0	0.1	0.1	-1.26	-1.25	2	2	0	1200	1200	0
1/16/2024 19:04	63305 GREE_T1	0	0	0	0	0	0	-1.39	-1.37	0	0	0	0	0	0
1/16/2024 19:04	64101 REFR_T1	0	0	0	0	0	0	0.21	0.23	0	0	0	0	0	0
1/16/2024 19:04	67901 WNHO_T2	29	66	37	0.22	0.28	0.06	-0.35	-0.37	0	0	0	0	0	0
1/16/2024 19:04	53901 HAU_T2	51	50	-1	0.24	0.26	0.02	-1.3	-1.29	0	0	0	0	0	0
1/16/2024 19:04	45802 HEGI_T2	1	2	1	1	0	-1	0.77	0.68	0	0	0	0	0	0
1/16/2024 19:05	63305 GREE_T1	0	0	0	0	0	0	-1.39	-1.37	0	0	0	0	0	0
1/16/2024 19:05	60101 COCA_T1	0	0	0	0	0	0	-0.01	-0.02	1	1	0	600	600	0
1/16/2024 19:05	46903 MNTG_T2	0	1	1	0	0.1	0.1	-0.2	-0.222	1	1	0	600	600	0
1/16/2024 19:05	65901 SAKR_T2	1	1	0	7.7	8.6	0.9	-0.99	-1	1	1	0	900	900	0
1/16/2024 19:05	52004 LING_T2	1	1	0	1.2	1	-0.2	0	0	0	0	0	0	0	0
1/16/2024 19:08	40101 HUNT_T2	352	348	-4	1.05	0.81	-0.24	-1.39	-1.39	0	0	0	0	0	0
1/16/2024 19:10	40502 CRES_T2	6	9	3	0.17	0.23	0.06	-0.29	-0.39	0	0	0	0	0	0
1/16/2024 19:10	41801 GOCI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1/16/2024 19:12	40502 CRES_T2	6	9	3	0.17	0.23	0.06	-0.29	-0.39	0	0	0	0	0	0
1/16/2024 19:12	53502 EVIL_T2	0	8	8	0	0.12	0.12	0	0	0	0	0	0	0	0
1/16/2024 19:13	52404 GRPA_T2	50	66	16	0.76	0.76	0	0	0	0	0	0	0	0	0
1/16/2024 19:13	53601 DALM_T2	0	1	1	0	0	0	-0.58	-0.59	1	1	0	600	600	0
1/16/2024 19:14	49804 UNIV_T1	12	13	1	0.77	0.56	-0.21	0	0	0	0	0	0	0	0
1/16/2024 19:14	45702 LIND_T2	1	2	1	0.6	1.1	0.5	-0.31	-0.29	0	0	0	0	0	0
1/16/2024 19:14	40101 HUNT_T2	352	348	-4	1.05	0.81	-0.24	-1.39	-1.39	0	0	0	0	0	0
1/16/2024 19:14	47802 MOCA_T2	0	0	0	0	0	0	-0.85	-0.83	0	0	0	0	0	0
1/16/2024 19:14	52401 GRPA_T2	8	63	55	0.48	0.4	-0.08	0	0	0	0	0	0	0	0
1/16/2024 19:15	53901 HAU_T2	48	14	-34	0.28	0.15	-0.13	-1.29	-1.28	0	0	0	0	0	0
1/16/2024 19:15	64101 REFR_T1	0	2	2	0	0	0	0.23	0.21	0	0	0	0	0	0
1/16/2024 19:16	45501 DERR_T2	4	4	0	0.65	0	-0.65	0.76	0.86	2	2	0	1800	1800	0
1/16/2024 19:16	40502 CRES_T2	7	9	2	0.21	0.22	0.01	-0.29	-0.39	0	0	0	0	0	0
1/16/2024 19:16	53903 HAU_T2	2	2	0	0.7	0.85	0.15	0	0	0	0	0	0	0	0
1/16/2024 19:16	64303 LINC_T1	0	0	0	0	0	0	-0.14	-0.04	0	0	0	0	0	0
1/16/2024 19:17	60502 NMAN_T2	0	0	0	0	0	0	-0.22	-0.16	0	0	0	0	0	0
1/16/2024 19:17	67702 WERN_T2	0	0	0	0	0	0	-0.01	-0.01	0	0	0	0	0	0
1/16/2024 19:18	64101 REFR_T1	0	2	2	0	0	0	0.23	0.21	0	0	0	0	0	0
1/16/2024 19:18	46302 ROHR_T1	0	1	1	0	0.2	0.2	0	0	0	0	0	0	0	0
1/16/2024 19:18	67402 WAKE_T2	0	0	0	0	0	0	-0.17	-0.15	1	1	0	600	600	0
1/16/2024 19:18	52403 GRPA_T2	120	102	-18	0.74	0.56	-0.18	0.25	0.2	0	0	0	0	0	0
1/16/2024 19:18	53502 EVIL_T2	8	10	2	0.25	0.12	-0.13	0	0	0	0	0	0	0	0
1/16/2024 19:18	56802 BENV_T2	0	0	0	0	0	0	-1.1	-1.07	0	0	0	0	0	0
1/16/2024 19:18	43202 MVIL_T2	13	4	-9	0.18	0.15	-0.03	-0.55	-0.54	0	0	0	0	0	0
1/16/2024 19:19	56501 ROCK_T2	25	26	1	0.23	0.2	-0.03	-1.93	-1.94	0	0	0	0	0	0
1/16/2024 19:20	56501 ROCK_T2	25	26	1	0.23	0.2	-0.03	0	0	0	0	0	0	0	0
1/16/2024 19:20	44901 SCOT_T2	0	0	0	0	0	0	-0.75	-0.69	0	0	0	0	0	0
1/16/2024 19:20	67602 WARW_T2	0	1	1	0	0.1	0.1	0.48	0.5	0	0	0	0	0	0
1/16/2024 19:21	55002 NEWP_T1	1	3	2	0.2	0.23	0.03	-0.1	-0.09	0	0	0	0	0	0
1/16/2024 19:21	65901 SAKR_T2	1	1	0	8.1	8.7	0.6	0	0	0	0	0	0	0	0
1/16/2024 19:22	40601 PIGR_T1	0	5	5	0	0.14	0.14	0	0	0	0	0	0	0	0
1/16/2024 19:22	67201 TEHI_T1	1	0	-1	0.1	0	-0.1	0	0	0	0	0	0	0	0
1/16/2024 19:22	12701 MACU_T1	0	0	0	0	0	0	-0.92	-0.9	1	1	0	1200	1200	0
1/16/2024 19:22	61801 EELI_T2	1	0	-1	0.2	0	-0.2	-1.51	-1.57	2	2	0	1200	1200	0
1/16/2024 19:24	56504 ROCK_T2	2	2	0	0.85	0	-0.85	0	0	0	0	0	0	0	0
1/16/2024 19:24	64101 REFR_T1	0	2	2	0	0	0	0.21	0.19	0	0	0	0	0	0
1/16/2024 19:25	67703 WERN_T2	1	0	-1	0.1	0	-0.1	-0.1	-0.1	1	1	0	900	900	0
1/16/2024 19:25	57702 PAXT_T1	0	0	0	0	0	0	-0.53	-0.51	0	0	0	0	0	0
1/16/2024 19:25	57304 MOAL_T2	0	6	6	0	0.2	0.2	-0.14	-0.21	0	0	0	0	0	0
1/16/2024 19:26	56802 BENV_T2	0	0	0	0	0	0	-1.07	-1.12	0	0	0	0	0	0
1/16/2024 19:26	58402 MORO_T1	7	1	-6	0.86	0	-0.86	0	0	0	0	0	0	0	0
1/16/2024 19:28	52501 PROG_T1	0	0	0	0	0	0	0.45	0.47	0	0	0	0	0	0
1/16/2024 19:28	57702 PAXT_T1	0	0	0	0	0	0	-0.53	-0.51	0	0	0	0	0	0
1/16/2024 19:29	65001 NEFF_T2	0	0	0	0	0	0	-0.85	-0.86	1	1	0	1200	1200	0
1/16/2024 19:45	65001 NEFF_T2	0	0	0	0	0	0	-0.86	-0.82	1	1	0	1200	1200	0
1/16/2024 19:51	63305 GREE_T1	2	2	0	0.15	0.1	-0.05	-1.37	-1.3	0	0	0	0	0	0
1/16/2024 20:30	65001 NEFF_T2	0	0	0	0	0	0	-0.9	-0.85	1	1	0	1200	1200	0
1/16/2024 20:38	63403 HONY_T2	0	0	0	0	0	0	-0.3	-0.34	0	0	0	0	0	0
1/16/2024 20:49	63305 GREE_T1	0	2	2	0	0.1	0.1	-1.36	-1.34	0	0	0	0	0	0
1/16/2024 20:53	65001 NEFF_T2	0	8	8	0	0.11	0.11	-0.85	-0.82	1	1	0	1200	1200	0
1/16/2024 20:59	61001 DONV_T1	0	0	0	0	0	0	0	0.04	0	0	0	0	0	0
1/16/2024 21:04	63305 GREE_T1	0	2	2	0	0.25	0.25	-1.34	-1.37	0	0	0	0	0	0
1/16/2024 21:51	13302 ORVI_T2	10	12	2	0.19	0.26	0.07	1.22	1.23	0	0	0	0	0	0
1/16/2024 21:52	63305 GREE_T1	1	4	3	0.1	0.33	0.23	-1.31	-1.37	0	0	0	0	0	0
1/16/2024 22:02	65001 NEFF_T2	0	0	0	0	0	0	-0.86	-0.93	1	1	0	1200	1200	0
1/16/2024 22:33	65001 NEFF_T2	0	0	0	0	0	0	-0.98	-0.96	1	1	0	1200	1200	0
1/16/2024 22:50	63305 GREE_T1	0	0	0	0	0	0	-1.37	-1.4	0	0	0	0	0	0
1/16/2024 23:05	63305 GREE_T1	0	2	2	0	0.1	0.1	-1.4	-2.4	0	1	1	0	900	900
1/16/2024 23:10	65001 NEFF_T2	0	0	0	0	0	0	-1	-1.09	1	1	0	1200	1200	0
1/16/2024 23:36	65001 NEFF_T2	0	0	0	0	0	0	-1.09	-1.14	1	1	0	1200	1200	0
1/16/2024 23:57	65001 NEFF_T2	0	0	0	0	0	0	-1.13	-1.14	1	1	0	1200	1200	0
1/17/2024 0:03	63305 GREE_T1	0	0	0	0	0	0	-2.45	-2.39	1	1	0	900	900	0
1/17/2024 0:47	16402 MOPO_T1	5	6	1	0.4	0.65	0.25	0.23	0.26	0	0	0	0	0	0
1/17/2024 0:48	28704 HAML_T2	17	81	64	0.19	0.32	0.13	-0.66	-0.68	0	0	0	0	0	0
1/17/2024 0:48	27502 WEIS_T2	0	0	0	0	0	0	-0.52	-0.51	0	0	0	0	0	0
1/17/2024 0:50	40502 CRES_T2	0	9	9	0	0.2	0.2	-0.54	-0.55	0	0	0	0	0	0
1/17/2024 0:50	29402 BELT_T1	1	1	0	5.3	5.6	0.3	0	0	0	0	0	0	0	0
1/17/2024 0:50	65001 NEFF_T2	0	0	0	0	0	0	-1.16	-1.17	1	1	0	1200	1200	0
1/17/2024 0:50	63305 GREE_T1	0	0	0	0	0	0	-2.38	-2.3	1	1	0	900	900	0
1/17/2024 0:51	16402 MOPO_T1	5	6	1	0.4	0.65	0.25	0.23	0.26	0	0	0	0	0	0
1/17/2024 0:54	29401 BELT_T1	0	0	0	0	0	0	0	0	1	1	0	900	900	0
1/17/2024 0:56	40502 CRES_T2	0	9	9	0	0.2	0.2	-0.55	-0.55	0	0	0	0	0	0
1/17/2024 0:59	67702 WERN_T2	0	0	0	0	0	0	-0.05	-0.01	0	0	0	0	0	0
1/17/2024 1:00	65003 NEFF_T2	0	125	125	0	0.74	0.74	0	0	0	0	0	0	0	0
1/17/2024 1:00	40501 CRES_T2	0	4	4	0	0.35	0.35	0	0	0	0	0	0	0	0
1/17/2024 1:01	43402 BENT_T1	1	1	0	0.4	0.4	0	-1.46	-1.46	2	2	0	1500	1500	0
1/17/2024 1:02	40502 CRES_T2	9	29	20	0.2	0.53	0.33	-0.55	-0.55	0	0	0	0	0	0
1/17/2024 1:03	67702 WERN_T2	0	18	18	0	0.33	0.33	-0.05	-0.01	0	0	0	0	0	0
1/17/2024 1:03	27101 GFLD_T2	0	5	5	0	0.34	0.34	0.25	0.25	0	0	0	0	0	0
1/17/2024 1:04	40502 CRES_T2	9	29	20	0.2	0.53	0.33	-0.55	-0.55	0	0	0	0	0	0
1/17/2024 1:06	67104 SPRI_T1	0	5	5	0	0.26	0.26	0	0	0	0	0	0	0	0
1/17/2024 1:06	63306 GREE_T1	0	8	8	0	0.29	0.29	0	0	0	0	0	0	0	0
1/17/2024 1:11	67702 WERN_T2	0	18	18	0	0.33	0.33	-0.01	-0.01	0	0	0	0	0	0
1/17/2024 1:14	55002 NEWP_T1	0	2	2	0	1.45	1.45	-0.15	-0.15	0	0	0	0	0	0
1/17/2024 1:14	67503 WEWI_T2	0	1	1	0	0.1	0.1	-0.01	0.05	0	0	0	0	0	0
1/17/2024 1:24	65603 CIVIL_T2	0	11	11	0	0.3	0.3	0	0	0	0	0	0	0	0
1/17/2024 1:32	63304 GREE_T1	7	0	-7	0.23	0	-0.23	0	0	0	0	0	0	0	0
1/17/2024 1:47	65001 NEFF_T2	0	0	0	0	0	0	-1.15	-1.18	1	1	0	1200	1200	0
1/17/2024 2:14	63305 GREE_T1	0	0	0	0	0	0	-2.45	-2.46	1	1	0	900	900	0
1/17/2024 2:22	40502 CRES_T2	6	10	4	0.12	0.26	0.14	-0.53	-0.5	0	0	0	0	0	0
1/17/2024 2:24	65001 NEFF_T2	0	0	0	0	0	0	-1.12	-1.13	1	1	0	1200	1200	0
1/17/2024 2:34	65001 NEFF_T2	0	0	0	0	0	0	-1.12	-1.13	1	1	0	1200	1200	0
1/17/2024 2:55	65001 NEFF_T2	0	0	0	0	0	0	-1.16	-1.1	1	1	0	1200	1200	0
1/17/2024 3:02	40101 HUNT_T2	96	228	132	0.63	0.67	0.04	-0.71	-0.71	0	0	0	0	0	0
1/17/2024 3:12	40502 CRES_T2	7	9	2	0.19	0.26	0.07	-0.48	-0.43	0	0	0	0	0	0
1/17/2024 3:16	40502 CRES_T2	9	8	-1	0.26	0.2	-0.06	-0.48	-0.43	0	0	0	0	0	0
1/17/2024 3:19	53901 HAU_T2	0	0	0	0	0	0	-1.16	-1.17	0	0	0	0	0	0
1/17/2024 3:20	40502 CRES_T2	9	8	-1	0.26	0.2	-0.06	-0.48	-0.43	0	0	0	0	0	0
1/17/2024 3:26	40502 CRES_T2	9	8	-1	0.26	0.2	-0.06	-0.43	-0.49	0	0	0	0	0	0
1/17/2024 3:28	44905 SCOT_T1	75	77	2	1.23	1.38	0.15	0	0	0	0	0	0	0	0
1/17/2024 3:28	63305 GREE_T1	0	0	0	0	0	0	-2.47	-2.44	1	1	0	900	900	0
1/17/2024 3:32	40502 CRES_T2	8	9	1	0.2	0.21	0.01	-0.43	-0.49	0	0	0	0	0	0
1/17/2024 3:34	40502 CRES_T2	8	9	1	0.2	0.21	0.01	-1.3	-1.47	0	0	0	0	0	0
1/17/2024 3:36	44905 SCOT_T1	76	78	2	1.54	1.39	-0.15	0	0	0	0	0	0	0	0
1/17/2024 3:38	40502 CRES_T2	8	9	1	0.2	0.21	0.01	-0.49	-0.38	0	0	0	0	0	0
1/17/2024 3:40	40502 CRES_T2	8	9	1	0.2	0.21	0.01	-0.49	-0.38	0	0	0	0	0	0
1/17/2024 3:42	40502 CRES_T2	8	9	1	0.2	0.21	0.01	-0.49	-0.38	0	0	0	0	0	0
1/17/2024 3:48	67103 SPRI_T1	0	0	0	0	0	0	-0.19	-0.22	0	0	0	0	0	0
1/17/2024 3:48	40502 CRES_T2	7	9	2	0.17	0.22	0.05	-0.49	-0.38	0	0	0	0	0	0
1/17/2024 3:53	46206 DANV_T2	8	24	16	0.54	0.48	-0.06	2.64	2.69	1	1	0	1200	1200	0
1/17/2024 3:56	52404 GRPA_T2	44	62	18	0.61	0.61	0	-0.04	-0.04	0	0	0	0	0	0
1/17/2024 4:04	63305 GREE_T1	0	0	0	0	0	0	-2.48	-2.49	1	1	0	900	900	0
1/17/2024 4:13	45302 WIBER_T2	2	10	8	0.2	0.37	0.17	0.85	0.82	0	0	0	0	0	0
1/17/2024 4:14	40502 CRES_T2	9	9	0	0.21	0.21	0	-0.45	-0.35	0	0	0	0	0	0
1/17/2024 4:19	44905 SCOT_T1	78	86	8	1.68	1.21	-0.47	0	0	0	0	0	0	0	0
1/17/2024 4:20	44903 SCOT_T1	2	2	0	0.4	0.4	0	-0.02	-0.02	0	0	0	0	0	0
1/17/2024 4:20	65001 NEFF_T2	0	0	0	0	0	0	-1.1	-1.02	1	1	0	1200	1200	0
1/17/2024 4:26	63305 GREE_T1	0	0	0	0	0	0	-2.48	-2.49	1	1	0	900	900	0
1/17/2024 4:34	46204 DANV_T2	118	118	0	1.24	0.86	-0.38	0	0	0	0	0	0	0	0
1/17/2024 4:41	65001 NEFF_T2	0	0	0	0	0	0	-1.03	-1.06	1	1	0	1200	1200	0
1/17/2024 5:21	65001 NEFF_T2	0	0	0	0	0	0	-1.05	-1.06	1	1	0	1200	1200	0
1/17/2024 5:42	65001 NEFF_T2	0	0	0	0	0	0	-1.02	-1	1	1	0	1200	1200	0
1/17/2024 6:05	63305 GREE_T1	0	0	0	0	0	0	-2.39	-2.38	1	1	0	900	900	0
1/17/2024 6:38	65001 NEFF_T2	0	0	0	0	0	0	-1.03	-0.62	1	1	0	1200	1200	0
1/17/2024 6:47	63305 GREE_T1	3	3	0	0.17	0.2	0.03	-2.37	-2.34	1	1	0	900	900	0
1/17/2024 6:49	65001 NEFF_T2	0	0	0	0	0	0	-0.62	-0.69	1	1	0	1200	1200	0
1/17/2024 7:13	65001 NEFF_T2	0	0	0	0	0	0	-0.47	-0.58	1	1	0	1200	1200	0
1/17/2024 7:29	63304 GREE_T1	0	1	1	0	0	0	0	0	0	0	0	0	0	0
1/17/2024 7:54	46204 DANV_T2	128	126	-2	2.29	1.74	-0.55	0	0	0	0	0	0	0	0
1/17/2024 7:54	46206 DANV_T2	116	124	8	0.69	0.62	-0.07	2.97	3.07	1	1	0	1200	1200	0
1/17/2024 7:55	23901 EFMO_T2	25	56	31	0.48	0.5	0.02	-0.6	-0.61	0	0	0	0	0	0
1/17/2024 7:56	46206 DANV_T2	116	124	8	0.69	0.62	-0.07	2.97	3.07	1	1	0	1200	1200	0
1/17/2024 7:57	45302 WIBER_T2	40	39	-1	1.63	0.65	-0.98	0.95	0.93	0	0	0	0	0	0
1/17/2024 7:58	40101 HUNT_T2	480	560	80	1.23	1.45	0.22	-0.78	-0.79	0	0	0	0	0	0
1/17/2024 7:59	13503 MCMI_T2	513	514	1	2.32	1.79	-0.53	0.74	-0.21	0	0	0	0	0	0
1/17/2024 8:00	13503 MCMI_T2	514	271	-243	2.45	1.55	-0.9	0.74	-0.21	0	0	0	0	0	0
1/17/2024 8:00	43202 MVIL_T2	1	1	0	1.5	1.2	-0.3	-0.41	-0.41	0	0	0	0	0	0
1/17/2024 8:01	13503 MCMI_T2	514	271	-243	2.45	1.55	-0.9	0.74	-0.21	0	0	0	0	0	0
1/17/2024 8:02	43201 MVIL_T2	4	1	-3	0.4	0	-0.4	0	0	0	0	0	0	0	0
1/17/2024 8:03	57301 MOAI_T2	1	0	-1	0.7

Appendix C - Grid Benefits Achieved in Each Instance of Active Management

1/17/2024 8:47	53601 DALM_T2	8	10	2	0.56	0.4	-0.16	-0.44	-0.47	1	1	0	600	600	0
1/17/2024 8:48	65001 NEFF_T2	0	0	0	0	0	0	-0.4	-0.47	1	1	0	1200	1200	0
1/17/2024 8:48	67702 WERN_T2	0	0	0	0	0	0	-0.01	-0.01	0	0	0	0	0	0
1/17/2024 8:49	60201 ATGL_T2	0	0	0	0	0	0	-0.46	-0.69	1	1	0	600	600	0
1/17/2024 8:50	40502 CRES_T2	9	15	6	0.28	0.32	0.04	-0.09	-0.11	0	0	0	0	0	0
1/17/2024 8:52	40502 CRES_T2	9	15	6	0.28	0.32	0.04	-0.09	-0.11	0	0	0	0	0	0
1/17/2024 9:00	43301 WATS_T2	1	0	-1	0.5	0	-0.5	0	0	0	0	0	0	0	0
1/17/2024 9:00	57401 SPAN_T1	0	0	0	0	0	0	-0.86	-1.15	1	1	0	600	600	0
1/17/2024 9:00	43001 ALWD_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1/17/2024 9:00	60801 BUCK_T1	0	0	0	0	0	0	-1.18	-1	1	1	0	600	600	0
1/17/2024 9:00	45501 DERR_T2	2	3	1	0.35	0	-0.35	0.4	0.36	4	4	0	3600	3600	0
1/17/2024 9:00	46204 DANV_T2	117	114	-3	1.19	0.59	-0.6	0	0	0	0	0	0	0	0
1/17/2024 9:00	53601 DALM_T2	8	8	0	1.2	0.45	-0.75	-0.47	-0.45	1	1	0	600	600	0
1/17/2024 9:00	67402 WAKE_T2	2	4	2	0.25	0	-0.25	-0.16	-0.11	1	1	0	600	600	0
1/17/2024 9:00	46004 BERW_T2	0	1	1	0	0.4	0.4	0.01	0	0	0	0	0	0	0
1/17/2024 9:00	47101 MARL_T1	24	44	20	0.35	0.34	-0.01	-0.91	-0.96	1	1	0	600	600	0
1/17/2024 9:00	53501 EVIL_T2	2	8	6	0.7	0.51	-0.19	-2.16	-2.35	4	4	0	2700	2700	0
1/17/2024 9:00	53901 HALI_T2	2	2	0	1.2	1.3	0.1	-0.26	-0.29	0	0	0	0	0	0
1/17/2024 9:00	57401 SPAN_T1	0	0	0	0	0	0	-0.86	-1.15	1	1	0	600	600	0
1/17/2024 9:00	23901 EFMO_T2	35	20	-15	0.77	0.65	-0.12	-0.61	-0.61	0	0	0	0	0	0
1/17/2024 9:00	41902 REED_T1	6	17	11	0.42	0.25	-0.17	-0.4	-0.39	1	1	0	900	900	0
1/17/2024 9:00	53901 HALI_T2	57	83	26	0.32	0.35	0.03	-1.3	-1.33	0	0	0	0	0	0
1/17/2024 9:00	67503 WEWI_T2	0	0	0	0	0	0	0.87	0.71	0	0	0	0	0	0
1/17/2024 9:00	42902 MIDD_T2	1	24	23	0.2	0	-0.2	0	0	0	0	0	0	0	0
1/17/2024 9:00	43402 BENT_T1	1	1	0	0.3	0	-0.3	-1.36	-1.36	2	2	0	1500	1500	0
1/17/2024 9:00	65001 NEFF_T2	0	0	0	0	0	0	-0.47	-0.27	1	1	0	1200	1200	0
1/17/2024 9:00	60101 COCA_T1	0	0	0	0	0	0	0.08	0.09	1	1	0	600	600	0
1/17/2024 9:00	40502 CRES_T2	12	11	-1	0.31	0.32	0.01	-0.11	-0.2	0	0	0	0	0	0
1/17/2024 9:00	23401 HONE_T2	8	11	3	0.53	0.63	0.1	-0.11	-0.11	0	0	0	0	0	0
1/17/2024 9:06	27502 WEIS_T2	4	5	1	0.5	0.2	-0.3	-0.11	-0.14	0	0	0	0	0	0
1/17/2024 9:07	44201 POIN_T1	0	0	0	0	0	0	-0.07	-1.02	1	1	0	900	900	0
1/17/2024 9:08	55105 WERT_T1	0	0	0	0	0	0	-0.14	-0.16	1	1	0	900	900	0
1/17/2024 9:08	46903 MNTG_T2	0	0	0	0	0	0	0.19	0.3	1	1	0	600	600	0
1/17/2024 9:08	60701 BREC_T1	2	3	1	0.3	0.3	0	-0.65	-0.68	2	2	0	1200	1200	0
1/17/2024 9:08	28704 HAML_T2	0	1	1	0	0.1	0.1	-0.58	-0.59	0	0	0	0	0	0
1/17/2024 9:08	59102 WALK_T2	0	0	0	0	0	0	-0.07	-0.07	1	1	0	600	600	0
1/17/2024 9:09	46903 MNTG_T2	0	0	0	0	0	0	0.19	0.3	1	1	0	600	600	0
1/17/2024 9:10	53901 HALI_T2	57	83	26	0.32	0.35	0.03	-1.33	-1.37	0	0	0	0	0	0
1/17/2024 9:11	57303 MOAL_T2	1	1	0	7.7	7.6	-0.1	0	0	0	0	0	0	0	0
1/17/2024 9:11	46903 MNTG_T2	0	0	0	0	0	0	0.19	0.3	1	1	0	600	600	0
1/17/2024 9:12	44903 SCOT_T1	97	84	-13	0.64	0.57	-0.07	0	-0.02	0	0	0	0	0	0
1/17/2024 9:12	46901 MNTG_T2	0	0	0	0	0	0	1.79	1.75	0	0	0	0	0	0
1/17/2024 9:12	22805 HAUT_T2	284	356	72	1.23	1.28	0.05	-1.14	-1.19	1	1	0	1200	1200	0
1/17/2024 9:12	55001 NEWP_T1	0	3	3	0	0	0	0	0	0	0	0	0	0	0
1/17/2024 9:13	44903 SCOT_T1	97	84	-13	0.64	0.57	-0.07	0	-0.01	0	0	0	0	0	0
1/17/2024 9:13	47403 PENS_T1	1	1	0	0.7	1.6	0.9	0	0	0	0	0	0	0	0
1/17/2024 9:14	49803 UNIV_T1	27	20	-7	0.24	0.21	-0.03	-0.75	-0.72	0	0	0	0	0	0
1/17/2024 9:14	47401 PENS_T1	0	0	0	0	0	0	-0.16	-0.22	0	0	0	0	0	0
1/17/2024 9:15	44905 SCOT_T1	85	84	-1	2.27	1.94	-0.33	0	0	0	0	0	0	0	0
1/17/2024 9:15	47403 PENS_T1	1	1	0	1.2	1.7	0.5	0	0	0	0	0	0	0	0
1/17/2024 9:16	60201 ATGL_T2	0	0	0	0	0	0	-0.57	-0.58	1	1	0	600	600	0
1/17/2024 9:16	43402 BENT_T1	1	0	-1	0.1	0	-0.1	-1.36	-1.38	2	2	0	1500	1500	0
1/17/2024 9:17	42701 AUGU_T1	53	29	-24	0.79	0.47	-0.32	0	0	1	1	0	600	600	0
1/17/2024 9:18	40502 CRES_T2	11	8	-3	0.3	0.17	-0.13	-1.77	-2.08	0	0	0	0	0	0
1/17/2024 9:19	43402 BENT_T1	1	0	-1	0.1	0	-0.1	-1.36	-1.38	2	2	0	1500	1500	0
1/17/2024 9:20	46803 HEPB_T2	20	40	20	0.4	0.44	0.04	-0.15	-0.16	0	0	0	0	0	0
1/17/2024 9:20	40502 CRES_T2	11	8	-3	0.3	0.17	-0.13	-2.16	-2.54	0	0	0	0	0	0
1/17/2024 9:20	20601 GRWO_T2	3	3	0	1.63	0.25	-1.38	0.03	0.04	0	0	0	0	0	0
1/17/2024 9:20	41801 GOCI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1/17/2024 9:21	11104 EGYP_T1	0	0	0	0	0	0	-0.24	-0.22	1	1	0	900	900	0
1/17/2024 9:22	11104 EGYP_T1	0	0	0	0	0	0	-0.24	-0.22	1	1	0	900	900	0
1/17/2024 9:22	40502 CRES_T2	11	8	-3	0.3	0.17	-0.13	-2.16	-2.54	0	0	0	0	0	0
1/17/2024 9:22	41801 GOCI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1/17/2024 9:22	40101 HUNT_T2	496	482	-14	2.04	1.96	-0.08	-1.54	-1.59	0	0	0	0	0	0
1/17/2024 9:23	46803 HEPB_T2	7	29	22	0.21	0.22	0.01	0	0	0	0	0	0	0	0
1/17/2024 9:23	46602 LACR_T1	0	1	1	0	0	0	-0.98	-0.97	0	0	0	0	0	0
1/17/2024 9:24	20601 GRWO_T2	3	3	0	1.63	0.25	-1.38	0.04	0.02	0	0	0	0	0	0
1/17/2024 9:24	40101 HUNT_T2	496	482	-14	2.04	1.96	-0.08	-0.79	-0.75	0	0	0	0	0	0
1/17/2024 9:24	40502 CRES_T2	11	8	-3	0.3	0.17	-0.13	-0.46	-0.43	0	0	0	0	0	0
1/17/2024 9:44	59201 THOM_T1	0	3	3	0	0.17	0.17	0	0	0	0	0	0	0	0
1/17/2024 9:54	42701 AUGU_T1	29	34	5	0.61	0.56	-0.05	0	0	1	1	0	600	600	0
1/17/2024 9:54	29402 BELT_T1	2	2	0	3.2	3.5	0.3	0	0	0	0	0	0	0	0
1/17/2024 9:55	45501 DERR_T2	0	4	4	0	0.4	0.4	1.83	1.85	4	4	0	3600	3600	0
1/17/2024 9:55	56801 BENV_T1	0	1	1	0	0.1	0.1	-0.8	-0.8	2	2	0	1200	1200	0
1/17/2024 9:56	46206 DANV_T2	9	17	8	0.86	0.87	0.01	2.92	2.88	1	1	0	1200	1200	0
1/17/2024 9:56	46203 DANV_T2	0	0	0	0	0	0	-0.78	-0.82	0	0	0	0	0	0
1/17/2024 9:56	29402 BELT_T1	2	2	0	3.2	3.5	0.3	0	0	0	0	0	0	0	0
1/17/2024 9:56	56801 BENV_T1	0	1	1	0	0.1	0.1	-0.8	-0.8	2	2	0	1200	1200	0
1/17/2024 9:56	56802 BENV_T2	1	1	0	0.1	0.1	0	-1.21	-1.2	0	0	0	0	0	0
1/17/2024 9:57	56803 BENV_T1	1	1	0	0.3	0.2	-0.1	0	0	0	0	0	0	0	0
1/17/2024 9:57	56802 BENV_T2	1	1	0	0.1	0.1	0	-3.62	-3.59	0	0	0	0	0	0
1/17/2024 9:57	42701 AUGU_T1	29	34	5	0.61	0.56	-0.05	0	0	1	1	0	600	600	0
1/17/2024 9:58	56803 BENV_T1	1	1	0	0.3	0.2	-0.1	0	0	0	0	0	0	0	0
1/17/2024 9:58	28604 BLYT_T2	0	0	0	0	0	0	-1.35	-1.38	0	0	0	0	0	0
1/17/2024 9:58	46204 DANV_T2	109	114	5	0.71	0.61	-0.1	0	0	0	0	0	0	0	0
1/17/2024 9:58	56802 BENV_T2	1	1	0	0.1	0.1	0	-1.21	-1.2	0	0	0	0	0	0
1/17/2024 9:59	46206 DANV_T2	9	17	8	0.86	0.87	0.01	5.85	5.77	2	2	0	2400	2400	0
1/17/2024 9:59	56803 BENV_T1	1	1	0	0.3	0.2	-0.1	0	0	0	0	0	0	0	0
1/17/2024 9:59	56802 BENV_T2	1	1	0	0.1	0.1	0	-1.21	-1.2	0	0	0	0	0	0
1/17/2024 10:00	24103 EHAZ_T1	6	6	0	1.77	1.63	-0.14	0	0	0	0	0	0	0	0
1/17/2024 10:00	46204 DANV_T2	106	116	10	0.62	0.79	0.17	0	0	0	0	0	0	0	0
1/17/2024 10:00	56801 BENV_T1	0	2	2	0	0.1	0.1	-0.4	-0.4	1	1	0	600	600	0
1/17/2024 10:01	56801 BENV_T1	0	2	2	0	0.1	0.1	-0.4	-0.4	1	1	0	600	600	0
1/17/2024 10:01	53903 HALI_T2	1	2	0	1.3	1	-0.3	0	0	0	0	0	0	0	0
1/17/2024 10:01	56802 BENV_T2	1	0	-1	0.1	0	-0.1	-1.21	-1.2	0	0	0	0	0	0
1/17/2024 10:02	52402 GRPA_T2	4	4	0	1.05	0.88	-0.17	0	0	0	0	0	0	0	0
1/17/2024 10:02	53903 HALI_T2	2	2	0	1.3	1	-0.3	-0.31	-0.17	0	0	0	0	0	0
1/17/2024 10:02	45802 HEGI_T2	2	0	-2	0.4	0	-0.4	0.02	-0.09	1	1	0	900	900	0
1/17/2024 10:02	24702 FLND_T2	8	0	-8	0.2	0	-0.2	0	0	0	0	0	0	0	0
1/17/2024 10:02	40101 HUNT_T2	454	486	32	1.53	1.87	0.34	-0.85	-0.8	0	0	0	0	0	0
1/17/2024 10:02	13503 MCMI_T2	147	134	-13	1.03	0.82	-0.21	-0.32	-0.36	0	0	0	0	0	0
1/17/2024 10:02	53903 HALI_T2	2	2	0	1.3	1	-0.3	-0.31	-0.17	0	0	0	0	0	0
1/17/2024 10:03	52404 GRPA_T2	0	2	2	0	0	0	0.13	0.1	0	0	0	0	0	0
1/17/2024 10:03	53903 HALI_T2	2	2	0	1.3	1	-0.3	-0.62	-0.33	0	0	0	0	0	0
1/17/2024 10:03	59301 MCAL_T1	2	0	-2	0.25	0	-0.25	0	0	0	0	0	0	0	0
1/17/2024 10:03	52006 LING_T2	1	1	0	0.6	0.7	0.1	0	0	0	0	0	0	0	0
1/17/2024 10:03	53901 HALI_T2	3	1	-2	0.13	0.3	0.17	-2.79	-2.83	0	0	0	0	0	0
1/17/2024 10:04	53903 HALI_T2	2	2	0	1.3	1	-0.3	0	0	0	0	0	0	0	0
1/17/2024 10:04	55002 NEWP_T1	6	4	-2	0.73	0.78	0.05	-0.12	-0.14	0	0	0	0	0	0
1/17/2024 10:04	52403 GRPA_T2	9	21	12	0.44	0.54	0.1	0	0	0	0	0	0	0	0
1/17/2024 10:04	39601 LNFD_T1	17	35	18	0.64	1.39	0.75	0	0	1	1	0	900	900	0
1/17/2024 10:04	52006 LING_T2	1	1	0	0.6	0.7	0.1	0	0	0	0	0	0	0	0
1/17/2024 10:04	13503 MCMI_T2	147	134	-13	1.03	0.82	-0.21	-0.32	-0.36	0	0	0	0	0	0
1/17/2024 10:04	45802 HEGI_T2	2	0	-2	0.4	0	-0.4	0.02	-0.09	1	1	0	900	900	0
1/17/2024 10:05	52404 GRPA_T2	0	2	2	0	0	0	0.13	0.1	0	0	0	0	0	0
1/17/2024 10:05	52101 MEIS_T1	1	0	-1	0.5	0	-0.5	0	0	0	0	0	0	0	0
1/17/2024 10:05	64203 KINZ_T1	6	8	2	0.52	0.9	0.38	0	0	0	0	0	0	0	0
1/17/2024 10:05	57304 MOAL_T2	2	1	-1	0.3	0.2	-0.1	-0.59	-0.58	0	0	0	0	0	0
1/17/2024 10:05	13503 MCMI_T2	147	134	-13	1.03	0.82	-0.21	-0.32	-0.36	0	0	0	0	0	0
1/17/2024 10:06	52402 GRPA_T2	4	4	0	1.05	0.88	-0.17	-0.86	-0.88	0	0	0	0	0	0
1/17/2024 10:06	56501 ROCK_T2	253	144	-109	0.3	0.21	-0.09	-2.09	-2.03	0	0	0	0	0	0
1/17/2024 10:06	44901 SCOT_T2	0	0	0	0	0	0	-0.68	-0.58	0	0	0	0	0	0
1/17/2024 10:06	52401 GRPA_T2	1	1	0	0.2	0.1	-0.1	0	0	0	0	0	0	0	0
1/17/2024 10:06	65901 SAKR_T2	1	1	0	7.9	8.1	0.2	-0.76	-0.83	1	1	0	900	900	0
1/17/2024 10:06	52004 LING_T2	1	1	0	0.6	0.5	-0.1	0	0	0	0	0	0	0	0
1/17/2024 10:06	57303 MOAL_T2	1	1	0	7	7.1	0.1	0	0	0	0	0	0	0	0
1/17/2024 10:06	41903 REED_T1	4	1	-3	0.23	0	-0.23	0	0	0	0	0	0	0	0
1/17/2024 10:06	40101 HUNT_T2	454	486	32	1.53	1.87	0.34	-0.85	-0.8	0	0	0	0	0	0
1/17/2024 10:06	55001 NEWP_T1	0	1	1	0	0	0	0	0	0	0	0	0	0	0
1/17/2024 10:06	13503 MCMI_T2	147	134	-13	1.03	0.82	-0.21	-0.32	-0.36	0	0	0	0	0	0
1/17/2024 10:06	40603 PIGR_T1	0	0	0	0	0	0	0.43	0.46	0	0	0	0	0	0
1/17/2024 10:07	55001 NEWP_T1	0	1	1	0	0	0	0	0	0	0	0	0	0	0
1/17/2024 10:07	57401 SPAN_T1	0	0	-1	0.2	0	-0.2	-2.79	-2.72	2	2	0	1200	1200	0
1/17/2024 10:07	44901 SCOT_T2	0	0	0	0	0	0	-0.68	-0.58	0	0	0	0	0	0
1/17/2024 10:07	52101 MEIS_T1	1	0	-1	0.5	0	-0.5	0	0	0	0	0	0	0	0
1/17/2024 10:08	41901 REED_T1	9	9	0	0.43	0.43	0	-0.01	-0.01	1	1	0	900	900	0
1/17/2024 10:08	41901 REED_T1	9	9	0	0.43	0.43	0	-0.01	-0.01	1	1	0	900	900	0
1/17/2024 10:08	56504 ROCK_T2	0	1	1	0	0.1	0.1	0	0	0	0	0	0	0	0
1/17/2024 10:08	59101 WALK_T2	0	1	1	0	0	0	1.26	1.38	0	0	0	0	0	0
1/17/2024 10:08	40201 BEGA_T2	2	2	0	0.7	1.6	0.9	0	0	0	0	0	0	0	0
1/17/2024 10:08	64101 REFR_T1	0	29	29	0	0.47	0.47	0.14	0.16	0	0	0	0	0	0
1/17/2024 10:08	42201 SHEN_T2	0	0	0	0	0	0	-0.3	-0.29	1	1	0	600	600	0
1/17/2024 10:09	56504 ROCK_T2	0	1	1	0	0.1	0.1	-0.22	-0.24	0	0	0	0	0	0
1/17/2024 10:09	65604 QVIL_T2	0	0	0	0	0	0	-0.5	-0.4	0	0	0	0	0	0
1/17/2024 10:09	67402 WAKE_T2	1	0	-1	0.3	0	-0.3	-0.2	-0.17	1	1	0	600	600	0
1/17/2024 10:09	57401 SPAN_T1	1	0	-1	0.2	0	-0.2	-1.36	-1.34	1	1	0	600	600	0
1/17/2024 10:09	67203 TEHI_T1	18	27	9	0.41	0.38	-0.03	3.1	3.03	2	2	0	1200	1200	0
1/17/2024 10:09	54601 SUMM_T2	0	0	0	0	0	0	-1.7	-1.67	2	2	0	2100	2100	0
1/17/2024 10:09	56501 ROCK_T2	253	144	-109	0.3	0.21	-0.09	-4.06	-4.11	0	0	0	0	0	0
1/17/2024 10:09	67204 TEHI_T2	0	0	0	0	0	0	0.11	0.13	0	0	0	0	0	0
1/17/2024 10:10	42202 SHEN_T2	1	3	2	0.6	0.4	-0.2	0	0	0	0	0	0	0	0
1/17/2024 10:10	46203 DANV_T2	0	0	0	0	0	0	-0.82	-0.83	0	0	0	0	0	0
1/17/2024 10:10	44301 BEAV_T2	0	3	3	0	0	0	1.87	2.03	2	2	0	1200	1200	0
1/17/2024 10:10	44903 SCOT_T1	44	21	-23	0.43	0.91	0.48	-0.02	0.01	0	0	0	0	0	0
1/17/2024 10:10	54601 SUMM_T2	0	0	0	0	0	0	-1.7	-1.67	2	2	0	2100	2100	0
1/17/2024 10:10	59101 WALK_T2	0	1	1	0	0	0	1.38	1.75	0	0	0	0	0	0
1/17/2024 10:11	56501 ROCK_T2	253	144	-109	0.3	0.21	-0.09	-2.03	-2.06	0	0	0	0	0	0
1/17/2024 10:11	54601 SUMM_T2	0	0	0	0	0	0	-3.39	-3.34	4	4	0	4200	4200	0
1/17/2024 10:11	56803 BENV_T1	1	1	0	0.2	0.5	0.3	0	0	0	0	0	0	0	0
1/17/2024 10:11	57401 SPAN_T1	1	0	-1	0.2	0	-0.2	-2.72	-2.69	2	2	0	1200	1200	0
1/17/2024 10:11	65901 SAKR_T2	1	1	0	7.9	8.1	0.2	-0.83	-0.88	1	1	0	900	900	0
1/17/2024 10:12	67203 TEHI_T1	18	27	9	0.41	0.38	-0.03	0	0	0	0	0	0	0	0
1/17/2024 10:12	46206 DANV_T2	11	17	6	0.91	0.77	-0.14	0	0	0	0	0	0	0	0
1/17/2024 10:12	59101 WALK_T2	0	1	1	0	0	0	1.38	1.75	0	0	0	0	0	0
1/17/2024 10:12	62604 ENGL_T1	0	0	0	0	0	0	-0.37	-0.35	1	1	0	600	600	0
1/17/2024 10:12	67204 TEHI_T2	0	0	0	0	0	0	0.11	0.13	0	0	0	0	0	0
1/17/2024 10:13	55001 NEWP_T1	0	1	1	0	0	0	0	0	0	0	0	0	0	0
1/17/2024 10:13	53502 EVIL_T2	2	13	11	2.35	0.72	-1.63	0	0	0	0	0	0	0	0
1/17/2024 10:13	62604 ENGL_T1	0	0	0	0	0	0	-0.74	-0.7	2	2	0	1200	1200	0
1/17/2024 10:13	46204 DANV_T2	106	116	10	0.62	0.79	0.17	0	0	0	0	0	0	0	0
1/17/2024 10:14	54601 SUMM_T2	0	0	0	0	0	0	-1.7	-1.67	2	2	0	2100	2100	0
1/17/2024 10:14	27101 GFLD_T2	0	0	0	0	0	0	-0.33	-0.33	1	1	0	600	600	0
1/17/2024 10:14	67402 WAKE_T2	1	0	-1	0.3	0	-0.3	-0.2	-0.17	1	1	0	600	600	0
1/17/2024 10:15	11804 FRAN_T1	16	5	-11	0.59	0.47	-0.12	1.23	1.29	0	0	0	0	0	0
1/17/2024 10:15	53502 EVIL_T2	13	13	0	0.78	0.49	-0.29	0	0	0	0	0	0	0	0
1/17/2024 10:16	40101 HUNT_T2	458	490	32	1.84	1.79	-0.05	-0.8	-0.81	0	0	0	0	0	0
1/17/2024 10

1/17/2024 10:35	47403 PENS_T1	1	1	0	0.9	0.8	-0.1	0	0	0	0	0	0	0	0
1/17/2024 10:35	42902 MIDD_T2	0	0	0	0	0	0	-1.78	-1.85	3	3	0	1800	1800	0
1/17/2024 10:35	43202 MVIL_T2	0	0	0	0	0	0	-0.45	-0.45	0	0	0	0	0	0
1/17/2024 10:35	59302 MCAL_T1	0	0	0	0	0	0	-0.58	-0.6	1	1	0	600	600	0
1/17/2024 10:36	60501 NMAN_T2	3	3	0	3.67	4.1	0.43	0	0	0	0	0	0	0	0
1/17/2024 10:36	58401 MORO_T1	0	0	0	0	0	0	-1.59	-1.57	1	1	0	600	600	0
1/17/2024 10:36	43202 MVIL_T2	0	0	0	0	0	0	-0.45	-0.45	0	0	0	0	0	0
1/17/2024 10:36	60604 NCOL_T2	0	0	0	0	0	0	0.28	0.29	0	0	0	0	0	0
1/17/2024 10:36	55001 NEWP_T1	1	0	-1	0.1	0	-0.1	0	0	0	0	0	0	0	0
1/17/2024 10:37	43202 MVIL_T2	0	0	0	0	0	0	-0.45	-0.45	0	0	0	0	0	0
1/17/2024 10:37	64101 REFR_T1	29	0	-29	0.47	0	-0.47	0.45	0.33	0	0	0	0	0	0
1/17/2024 10:38	47403 PENS_T1	1	1	0	0.9	0.8	-0.1	0	0	0	0	0	0	0	0
1/17/2024 10:38	66504 SMAN_T2	0	0	0	0	0	0	-0.92	-0.91	1	1	0	1200	1200	0
1/17/2024 10:38	42201 SHEN_T2	0	0	0	0	0	0	-0.37	-0.35	1	1	0	600	600	0
1/17/2024 10:38	64101 REFR_T1	29	0	-29	0.47	0	-0.47	0.11	0.08	0	0	0	0	0	0
1/17/2024 10:39	45402 WBLO_T2	1	24	23	0.2	0.23	0.03	-1.36	-1.39	1	1	0	900	900	0
1/17/2024 10:39	66503 SMAN_T2	51	28	-23	0.13	0.13	0	0	0	0	0	0	0	0	0
1/17/2024 10:39	67602 WARW_T2	0	1	1	0	0	0.6	0.63	0	1	0	0	0	0	0
1/17/2024 10:39	40901 JESH_T1	1	1	0	0.5	0.5	0	0	0	0	0	0	0	0	0
1/17/2024 10:39	47401 PENS_T1	0	0	0	0	0	0	-0.27	-0.31	0	0	0	0	0	0
1/17/2024 10:40	65901 SAKR_T2	1	1	0	8.1	8.3	0.2	0	0	0	0	0	0	0	0
1/17/2024 10:40	43104 SMIL_T2	0	0	0	0	0	0	-1.78	-1.73	3	3	0	900	900	0
1/17/2024 10:40	14401 SSLA_T1	3	3	0	0.67	0.1	-0.57	0	0	0	0	0	0	0	0
1/17/2024 10:40	67402 WAKE_T2	0	0	0	0	0	0	-0.2	-0.17	1	1	0	600	600	0
1/17/2024 10:40	16302 ALPA_T2	0	0	0	0	0	0	-0.52	-0.56	0	0	0	0	0	0
1/17/2024 10:40	45902 AUBU_T1	4	2	-2	0.2	0	-0.2	-0.13	-0.12	1	1	0	600	600	0
1/17/2024 10:41	16302 ALPA_T2	0	0	0	0	0	0	-0.52	-0.56	0	0	0	0	0	0
1/17/2024 10:41	56803 BENV_T1	1	0	-1	0.8	0	-0.8	0	0	0	0	0	0	0	0
1/17/2024 10:41	46206 DANV_T2	11	9	-2	0.85	0.75	-0.1	0	0	0	0	0	0	0	0
1/17/2024 10:41	64101 REFR_T1	29	0	-29	0.47	0	-0.47	0.08	0.11	0	0	0	0	0	0
1/17/2024 10:41	10805 CHHI_T2	7	12	5	2.79	2.86	0.07	-0.46	-0.53	1	1	0	600	600	0
1/17/2024 10:42	25603 ARRO_T1	0	0	0	0	0	0	-0.14	-0.16	0	0	0	0	0	0
1/17/2024 10:42	16302 ALPA_T2	0	0	0	0	0	0	-0.52	-0.56	0	0	0	0	0	0
1/17/2024 10:42	40502 CRES_T2	10	5	-5	0.3	0.18	-0.12	-0.65	-0.58	0	0	0	0	0	0
1/17/2024 10:42	10805 CHHI_T2	7	12	5	2.79	2.86	0.07	-0.46	-0.53	1	1	0	600	600	0
1/17/2024 10:43	16302 ALPA_T2	0	0	0	0	0	0	-0.52	-0.56	0	0	0	0	0	0
1/17/2024 10:44	40502 CRES_T2	10	5	-5	0.3	0.18	-0.12	-0.32	-0.29	0	0	0	0	0	0
1/17/2024 10:44	17802 GILB_T1	0	1	1	0	0.4	0.4	0.45	0.45	0	0	0	0	0	0
1/17/2024 10:44	45902 AUBU_T1	4	2	-2	0.2	0	-0.2	-0.26	-0.23	2	2	0	1200	1200	0
1/17/2024 10:46	46204 DANV_T2	84	74	-10	0.39	0.35	-0.04	0	0	0	0	0	0	0	0
1/17/2024 10:46	16101 BING_T2	152	153	1	1.19	1.12	-0.07	-0.3	-0.25	0	0	0	0	0	0
1/17/2024 10:46	17804 GILB_T2	1	0	-1	0.4	0	-0.4	-0.41	-0.44	0	0	0	0	0	0
1/17/2024 10:46	17802 GILB_T1	1	1	0	0.1	0.4	0.3	0.67	0.67	0	0	0	0	0	0
1/17/2024 10:46	40502 CRES_T2	5	10	5	0.18	0.2	0.02	-1.29	-1.16	0	0	0	0	0	0
1/17/2024 10:46	67402 WAKE_T2	0	2	2	0	0	0	-0.2	-0.17	1	1	0	600	600	0
1/17/2024 10:47	52002 LING_T2	0	0	0	0	0	0	0.09	0.03	0	0	0	0	0	0
1/17/2024 10:47	17802 GILB_T1	1	1	0	0.1	0.4	0.3	0.22	0.22	0	0	0	0	0	0
1/17/2024 10:48	42903 MIDD_T2	2	2	0	1.7	0	-1.7	1.07	0.9	1	1	0	1200	1200	0
1/17/2024 10:48	43201 MVIL_T2	0	0	0	0	0	0	-0.25	-0.23	0	0	0	0	0	0
1/17/2024 10:48	17802 GILB_T1	1	1	0	0.1	0.4	0.3	0.22	0.22	0	0	0	0	0	0
1/17/2024 10:49	46302 ROHR_T1	1	1	0	0.9	0	-0.9	0.62	0.59	0	0	0	0	0	0
1/17/2024 10:50	41901 REED_T1	3	11	8	0.5	0.57	0.07	0	0	0	0	0	0	0	0
1/17/2024 10:50	40602 PGR_T1	0	0	0	0	0	0	1.53	1.51	1	1	0	600	600	0
1/17/2024 10:51	16103 BING_T2	1	1	0	0.2	0.2	0	0	0	0	0	0	0	0	0
1/17/2024 10:51	58401 MORO_T1	0	0	0	0	0	0	-1.57	-1.62	1	1	0	600	600	0
1/17/2024 10:52	60502 NMAN_T2	0	0	0	0	0	0	-0.14	-0.11	0	0	0	0	0	0
1/17/2024 10:52	43101 SMIL_T2	1	1	0	4.7	2.5	-2.2	0	0	0	0	0	0	0	0
1/17/2024 10:53	46302 ROHR_T1	1	1	0	0.9	0	-0.9	0.59	0.59	0	0	0	0	0	0
1/17/2024 10:53	67402 WAKE_T2	0	2	2	0	0	0	-0.2	-0.17	1	1	0	600	600	0
1/17/2024 10:53	55101 WERT_T1	2	0	-2	0.15	0	-0.15	-1.23	-1.25	2	2	0	1500	1500	0
1/17/2024 10:54	40602 PGR_T1	0	0	0	0	0	0	-1.51	-1.42	1	1	0	600	600	0
1/17/2024 10:54	49804 UNIV_T1	4	6	2	0.23	0.37	0.14	0	0	0	0	0	0	0	0
1/17/2024 10:54	41901 REED_T1	3	11	8	0.5	0.57	0.07	0	0	0	0	0	0	0	0
1/17/2024 10:54	55101 WERT_T1	2	0	-2	0.15	0	-0.15	0	0	0	0	0	0	0	0
1/17/2024 10:54	44901 SCOT_T2	0	0	0	0	0	0	-0.61	-0.7	0	0	0	0	0	0
1/17/2024 10:55	57401 SPAN_T1	0	2	2	0	0.2	0.2	0	0	0	0	0	0	0	0
1/17/2024 10:55	14402 SSLA_T1	11	2	-9	0.79	0.4	-0.39	0	0	0	0	0	0	0	0
1/17/2024 10:56	29402 BELT_T1	2	1	-1	4.15	5.8	1.65	0	0	0	0	0	0	0	0
1/17/2024 10:56	20401 ASHF_T2	2	4	2	0.6	0.17	-0.43	0	0	0	0	0	0	0	0
1/17/2024 10:56	67402 WAKE_T2	0	2	2	0	0	0	-0.17	-0.23	1	1	0	600	600	0
1/17/2024 10:56	45902 AUBU_T1	0	2	2	0	0.3	0.3	0	0	0	0	0	0	0	0
1/17/2024 10:56	49804 UNIV_T1	4	6	2	0.23	0.37	0.14	0	0	0	0	0	0	0	0
1/17/2024 10:56	43101 SMIL_T2	1	1	0	4.7	2.5	-2.2	0	0	0	0	0	0	0	0
1/17/2024 10:56	14401 SSLA_T1	3	3	0	2.2	0.1	-2.1	0	0	0	0	0	0	0	0
1/17/2024 10:56	55101 WERT_T1	2	0	-2	0.15	0	-0.15	-1.25	-1.38	2	2	0	1500	1500	0
1/17/2024 10:57	66703 STRA_T1	0	1	1	0	0	0	0.19	0.23	0	0	0	0	0	0
1/17/2024 10:57	61801 EELI_T2	0	0	0	0	0	0	-0.38	-0.28	0	0	0	0	0	0
1/17/2024 10:57	57403 SPAN_T1	0	6	6	0	0.18	0.18	0.31	0.29	0	0	0	0	0	0
1/17/2024 10:59	22001 BOHE_T1	1	1	0	0.3	6	5.7	-0.72	-0.76	1	1	0	600	600	0
1/17/2024 10:59	67503 WEWI_T2	2	2	0	8.2	0	-8.2	0	0	0	0	0	0	0	0
1/17/2024 10:59	61801 EELI_T2	0	0	0	0	0	0	-0.19	-0.14	0	0	0	0	0	0
1/17/2024 11:00	29402 BELT_T1	1	1	0	5.6	5.8	0.2	0	0	0	0	0	0	0	0
1/17/2024 11:01	53903 HALI_T2	2	2	0	0.8	0.7	-0.1	0	0	0	0	0	0	0	0
1/17/2024 11:01	67402 WAKE_T2	0	2	2	0	0.2	0.2	-0.17	-0.23	1	1	0	600	600	0
1/17/2024 11:04	45702 LIND_T2	0	1	1	0	0.8	0.8	-0.22	-0.21	0	0	0	0	0	0
1/17/2024 11:04	64801 MONE_T2	0	0	0	0	0	0	-0.34	-0.36	0	0	0	0	0	0
1/17/2024 11:05	52102 MEIS_T1	1	0	-1	0.1	0	-0.1	0	0	1	1	0	450	450	0
1/17/2024 11:05	47401 PENS_T1	0	0	0	0	0	0	-0.94	-0.86	0	0	0	0	0	0
1/17/2024 11:06	47403 PENS_T1	1	1	0	0.8	1.6	0.8	0	0	0	0	0	0	0	0
1/17/2024 11:06	44601 SALE_T2	0	3	3	0	0.1	0.1	0.51	0.78	1	2	1	600	900	300
1/17/2024 11:06	39601 LNFD_T1	15	17	2	1.39	0.48	-0.91	0	0	1	1	0	900	900	0
1/17/2024 11:06	64801 MONE_T2	0	0	0	0	0	0	-0.34	-0.36	0	0	0	0	0	0
1/17/2024 11:07	55002 NEWP_T1	5	7	2	0.86	0.77	-0.09	-0.14	-0.17	0	0	0	0	0	0
1/17/2024 11:07	54001 SDLE_T1	2	5	3	1.4	0.88	-0.52	0	0	0	0	0	0	0	0
1/17/2024 11:08	44201 POIN_T1	0	0	0	0	0	0	-1.21	-0.61	1	1	0	900	900	0
1/17/2024 11:08	54001 SDLE_T1	2	5	3	1.4	0.88	-0.52	0	0	0	0	0	0	0	0
1/17/2024 11:09	46302 ROHR_T1	1	1	0	0.4	0.4	0	0.59	0.57	0	0	0	0	0	0
1/17/2024 11:09	67501 WEWI_T1	0	0	0	0	0	0	-0.42	-0.46	0	0	0	0	0	0
1/17/2024 11:09	54001 SDLE_T1	2	5	3	1.4	0.88	-0.52	0	0	0	0	0	0	0	0
1/17/2024 11:11	59101 WALK_T2	0	0	0	0	0	0	1.48	1.57	1	1	0	600	600	0
1/17/2024 11:11	54001 SDLE_T1	2	5	3	1.4	0.88	-0.52	0	0	0	0	0	0	0	0
1/17/2024 11:11	55105 WERT_T1	0	0	0	1	0	0	-0.31	-0.35	1	1	0	900	900	0
1/17/2024 11:12	17802 GILB_T1	1	0	-1	0.4	0	-0.4	0.32	0.34	0	0	0	0	0	0
1/17/2024 11:12	67402 WAKE_T2	0	2	2	0	0.2	0.2	-0.23	-0.17	1	1	0	600	600	0
1/17/2024 11:12	59101 WALK_T2	0	0	0	0	0	0	1.48	1.57	1	1	0	600	600	0
1/17/2024 11:12	61102 BERK_T5	1	1	0	0.1	0.1	0	0.24	0.15	1	1	0	300	300	0
1/17/2024 11:12	40502 CRES_T2	0	10	10	0	0.21	0.21	-0.64	-0.66	0	0	0	0	0	0
1/17/2024 11:12	51107 CARL_T1	0	0	0	0	0	0	0.38	0.39	0	0	0	0	0	0
1/17/2024 11:13	67501 WEWI_T1	0	0	0	0	0	0	-0.21	-0.23	0	0	0	0	0	0
1/17/2024 11:13	10801 CHHI_T1	1	1	0	1.3	1.7	0.4	-1.14	-0.98	2	2	0	1500	1500	0
1/17/2024 11:14	17802 GILB_T1	1	0	-1	0.4	0	-0.4	0.32	0.34	0	0	0	0	0	0
1/17/2024 11:14	40502 CRES_T2	0	10	10	0	0.21	0.21	-0.32	-0.33	0	0	0	0	0	0
1/17/2024 11:15	51108 CARL_T1	0	1	1	0	0.5	0.5	0	0	0	0	0	0	0	0
1/17/2024 11:16	40902 JESH_T1	0	0	0	0	0	0	-0.99	-0.97	2	1	-1	1200	600	-600
1/17/2024 11:16	40502 CRES_T2	10	8	-2	0.2	0.18	-0.02	-0.32	-0.33	0	0	0	0	0	0
1/17/2024 11:17	67402 WAKE_T2	2	2	0	0.2	0	-0.2	-0.23	-0.17	1	1	0	600	600	0
1/17/2024 11:18	17802 GILB_T1	0	0	0	0	0	0	0.32	0.34	0	0	0	0	0	0
1/17/2024 11:21	62604 ENGL_T1	0	0	0	0	0	0	-0.32	-0.18	1	1	0	600	600	0
1/17/2024 11:22	55002 NEWP_T1	7	6	-1	0.77	0.75	-0.02	-0.17	-0.16	0	0	0	0	0	0
1/17/2024 11:22	27502 WEIS_T2	1	1	0	0.4	0	-0.4	-0.18	-0.08	0	0	0	0	0	0
1/17/2024 11:22	64101 REFR_T1	0	0	0	0	0	0	0.13	0.12	0	0	0	0	0	0
1/17/2024 11:23	57303 MOAL_T2	1	1	0	6.9	6.9	0	0	0	0	0	0	0	0	0
1/17/2024 11:23	54203 PENN_T1	69	123	54	0.4	0.31	-0.09	0	0	0	0	0	0	0	0
1/17/2024 11:23	66703 STRA_T1	1	27	26	0.2	0.47	0.27	0.23	0.28	0	0	0	0	0	0
1/17/2024 11:23	54206 PENN_T2	0	0	0	0	0	0	-0.59	-0.58	0	0	0	0	0	0
1/17/2024 11:23	55002 NEWP_T1	7	6	-1	0.77	0.75	-0.02	-0.17	-0.16	0	0	0	0	0	0
1/17/2024 11:23	67204 TEHI_T2	0	0	0	0	0	0	0.1	0.11	0	0	0	0	0	0
1/17/2024 11:24	64101 REFR_T1	0	0	0	0	0	0	0.71	0.66	0	0	0	0	0	0
1/17/2024 11:24	46301 ROHR_T1	1	1	0	0.4	0.2	-0.2	0.4	0.46	0	0	0	0	0	0
1/17/2024 11:25	67204 TEHI_T2	0	0	0	0	0	0	0.11	0.1	0	0	0	0	0	0
1/17/2024 11:25	66703 STRA_T1	1	27	26	0.2	0.47	0.27	0.28	0.23	0	0	0	0	0	0
1/17/2024 11:25	17805 GILB_T2	1	0	-1	0.5	0	-0.5	-0.35	-0.35	0	0	0	0	0	0
1/17/2024 11:25	64101 REFR_T1	0	0	0	0	0	0	0.24	0.22	0	0	0	0	0	0
1/17/2024 11:26	64201 KINZ_T1	1	1	0	1.1	0	-1.1	0	0	0	0	0	0	0	0
1/17/2024 11:26	60803 BUCK_T1	0	0	0	0	0	0	-1.08	-1.09	1	1	0	600	600	0
1/17/2024 11:26	56802 BENV_T2	1	0	-1	0.1	0	-0.1	-1.3	-1.27	0	0	0	0	0	0
1/17/2024 11:26	40502 CRES_T2	10	8	-2	0.2	0.18	-0.02	-0.66	-0.75	0	0	0	0	0	0
1/17/2024 11:27	67503 WEWI_T2	0	0	0	0	0	0	0.18	0.23	0	0	0	0	0	0
1/17/2024 11:27	14403 SSLA_T1	0	0	0	0	0	0	1.17	1.16	0	0	0	0	0	0
1/17/2024 11:27	60803 BUCK_T1	0	0	0	0	0	0	-1.08	-1.09	1	1	0	600	600	0
1/17/2024 11:28	64201 KINZ_T1	1	1	0	1.1	0	-1.1	-1.36	-1.3	4	4	0	2100	2100	0
1/17/2024 11:28	60803 BUCK_T1	0	0	0	0	0	0	-1.08	-1.09	1	1	0	600	600	0
1/17/2024 11:28	17805 GILB_T2	1	0	-1	0.5	0	-0.5	-0.35	-0.35	0	0	0	0	0	0
1/17/2024 11:28	56802 BENV_T2	1	0	-1	0.1	0	-0.1	-2.59	-2.54	0	0	0	0	0	0
1/17/2024 11:28	67402 WAKE_T2	2	2	0	0.2	0	-0.2	-0.17	-0.14	1	1	0	600	600	0
1/17/2024 11:28	40502 CRES_T2	10	8	-2	0.2	0.18	-0.02	-0.66	-0.75	0	0	0	0	0	0
1/17/2024 11:29	54505 ENOL_T2	1	1	0	0.1	0.2	0.1	0	0	0	0	0	0	0	0
1/17/2024 11:29	56802 BENV_T2	1	0	-1	0.1	0	-0.1	-1.3	-1.27	0	0	0	0	0	0
1/17/2024 11:30	40502 CRES_T2	8	9	1	0.16	0.31	0.15	-0.33	-0.38	0	0	0	0	0	0
1/17/2024 11:30	56802 BENV_T2	0	1	1	0	0.2	0.2	-2.59	-2.54	0	0	0	0	0	0
1/17/2024 11:31	56802 BENV_T2	0	1	1	0	0.2	0.2	-3.89	-3.8	0	0	0	0	0	0
1/17/2024 11:31	46803 HEPB_T2	24	18	-6	0.2	0.25	0.05	0	0	0	0	0	0	0	0
1/17/2024 11:32	52004 LING_T2	1	1	0	1	0.9	-0.1	0	0	0	0	0	0	0	0
1/17/2024 11:32	60604 NCOL_T2	0	0	0	0	0	0	0.33	0.4	0	0	0	0	0	0
1/17/2024 11:32	11104 EGYP_T1	0	2	2	0	0	0	0.58	0.6	0	0	0	0	0	0
1/17/2024 11:32	40101 HUNT_T2	347	416	69	0.91	0.99	0.08	-0.89	-0.88	0	0	0	0	0	0
1/17/2024 11:32	40502 CRES_T2	8	9	1	0.16	0.31	0.15	-0.33	-0.38	0	0	0	0	0	0
1/17/2024 11:33	67402 WAKE_T2	2	0	-2	0.3	0	-0.3	-0.17	-0.14	1	1	0	600	600	0
1/17/2024 11:34	63404 HONY_T1	2	2	0	6.05	6.1	0.05	0	0	0	0	0	0	0	0
1/17/2024 11:34	61102 BERK_T5	1	0	-1	0.1	0	-0.1	0.15	1.03	1	1	0	300	300	0
1/17/2024 11:34	40101 HUNT_T2	347	416	69	0.91	0.99	0.08	-3.57	-3.51	0	0	0	0	0	0
1/17/2024 11:35	47401 PENS_T1	0	0	0	0	0	0	-0.28	0.95	0	0	0	0	0	0
1/17/2024 11:35	52002 LING_T2	0	0	0	0	0	0	-0.03	0.06	0	0	0	0	0	0
1/17/2024 11:36	40502 CRES_T2	8	9	1	0.16	0.31	0.15	-0.33	-0.38	0	0	0	0	0	0
1/17/2024 11:36	47403 PENS_T1	1	1	0	1.6	1.5	-0.1	0	0	0	0	0	0	0	0
1/17/2024 11:36	64101 REFR_T1	0	0	0	0	0	0	0.12	0.11	0	0	0	0	0	0
1/17/2024 11:37	54203 PENN_T1	118	146	28	0.32	0.31	-0.01	0	0	0	0	0	0	0	0
1/17/2024 11:37	47401 PENS_T1	0	0	0	0	0	0	-0.56	1.91	0	0	0	0	0	0
1/17/2024 11:38	60502 NMAN_T2	0	0	0	0	0	0	-0.13	-0.15	0	0	0	0	0	0
1/17/2024 11:38	14404 SSLA_T1	1	1	0	0.3	0.2	-0.1	0	0	0	0	0	0	0	0
1/17/2024 11:38	47403 PENS_T1	1	1	0	1.6	1.5	-0.1	0	0	0	0	0	0	0	0
1/17/2024 11:38	67203 TEHI_T1	13	0	-13	0.26	0	-0.26	3.09	2.38	2	2	0	1200	1200	0
1/17/2024 11:39	60501 NMAN_T2	3	3	0	4.03	4.73	0.7	0	0	0	0	0	0	0	0
1/17/2024 11:39	64101 REFR_T1	0	0	0	0	0	0	0.11	0.1	0	0	0	0	0	0
1/17/2024 11:40	22002 BOHE_T1	1	0	-1	0.1	0	-0.1	0	0	0	0	0	0	0	0
1/17/2024 11:40	64101 REFR_T1	0	0	0	0	0	0	0.33	0.3	0	0	0	0	0	0
1/17/2024 11:40	45902 AUBU_T1	0	0	0	0	0	0	-0.18	-0.21	1	1	0	600	600	0
1/17/2024 11:41	60803

1/17/2024 12:06	52004 LING_T2	1	1	0	0.9	0.7	-0.2	0	0	0	0	0	0	0
1/17/2024 12:08	14403 SSLA_T1	0	0	0	0	0	0	1.07	1.02	0	0	0	0	0
1/17/2024 12:08	60502 NMAN_T2	0	0	0	0	0	0	-0.15	-0.15	0	0	0	0	0
1/17/2024 12:09	14404 SSLA_T1	0	1	1	0	0.6	0.6	0	0	0	0	0	0	0
1/17/2024 12:12	45902 AUBU_T1	0	0	0	0	0	0	-0.53	-0.48	2	2	0	1200	1200
1/17/2024 12:12	22001 BOHE_T1	0	0	0	0	0	0	-0.33	-0.36	1	1	0	600	600
1/17/2024 12:14	45901 AUBU_T1	0	0	0	0	0	0	0.48	0.51	0	0	0	0	0
1/17/2024 12:14	28604 BLYT_T2	0	0	0	0	0	0	-1.39	-1.41	0	0	0	0	0
1/17/2024 12:14	45901 AUBU_T1	0	0	0	0	0	0	0.48	0.51	0	0	0	0	0
1/17/2024 12:14	60604 NCOL_T2	0	0	0	0	0	0	0.4	0.41	0	0	0	0	0
1/17/2024 12:24	67501 WNHO_T2	0	0	0	0	0	0	0.21	0.31	0	0	0	0	0
1/17/2024 12:24	67503 WEWI_T2	0	0	0	0	0	0	0.14	0.15	0	0	0	0	0
1/17/2024 12:25	67503 WEWI_T2	0	0	0	0	0	0	0.14	0.15	0	0	0	0	0
1/17/2024 12:25	67501 WEWI_T1	0	0	0	0	0	0	-0.24	-0.29	0	0	0	0	0
1/17/2024 12:26	67502 WEWI_T2	0	0	0	0	0	0	-1	-0.96	1	1	0	900	900
1/17/2024 12:27	67502 WEWI_T2	0	0	0	0	0	0	-3.01	-2.89	3	3	0	2700	2700
1/17/2024 12:27	67502 WEWI_T2	0	0	0	0	0	0	-3.01	-2.89	3	3	0	2700	2700
1/17/2024 12:28	67501 WEWI_T1	0	0	0	0	0	0	-0.72	-0.86	0	0	0	0	0
1/17/2024 12:28	67503 WEWI_T2	0	0	0	0	0	0	0.14	0.15	0	0	0	0	0
1/17/2024 12:32	67501 WEWI_T1	0	0	0	0	0	0	-0.24	-0.29	0	0	0	0	0
1/17/2024 12:38	67602 WARW_T2	1	0	-1	0.6	0	-0.6	0.63	0.6	0	0	0	0	0
1/17/2024 12:43	67602 WARW_T2	1	0	-1	0.6	0	-0.6	1.19	1.15	0	0	0	0	0
1/17/2024 12:52	54206 PENN_T2	0	0	0	0	0	0	-0.57	-0.57	0	0	0	0	0
1/17/2024 12:54	54205 PENN_T1	23	76	53	0.13	0.39	0.26	0	0	0	0	0	0	0
1/17/2024 12:55	54205 PENN_T1	23	76	53	0.13	0.39	0.26	0	0	0	0	0	0	0
1/17/2024 12:55	54206 PENN_T2	0	0	0	0	0	0	-0.57	-0.63	0	0	0	0	0
1/17/2024 13:02	39601 LNFD_T1	20	17	-3	1.54	0.93	-0.61	0	0	1	1	0	900	900
1/17/2024 13:07	54202 PENN_T2	0	0	0	0	0	0	0.77	0.8	0	0	0	0	0
1/17/2024 13:09	13302 ORVI_T2	0	0	0	0	0	0	1.12	1.21	0	0	0	0	0
1/17/2024 13:12	28604 BLYT_T2	0	0	0	0	0	0	-1.39	-1.41	0	0	0	0	0
1/17/2024 13:13	54503 ENOL_T2	0	0	0	0	0	0	0.05	0.21	1	0	-1	600	0
1/17/2024 13:16	54503 ENOL_T2	0	0	0	0	0	0	-1.67	-1.68	1	1	0	600	600
1/17/2024 13:16	46803 HEPB_T2	2	3	1	0.15	0.23	0.08	0	0	0	0	0	0	0
1/17/2024 13:17	59302 MCAL_T1	0	0	0	0	0	0	-0.66	-0.7	1	1	0	600	600
1/17/2024 13:18	54505 ENOL_T2	1	1	0	0.6	0.5	-0.1	0	0	0	0	0	0	0
1/17/2024 13:18	40101 HUNT_T2	117	168	51	0.76	0.7	-0.06	-0.9	-0.96	0	0	0	0	0
1/17/2024 13:20	40101 HUNT_T2	117	168	51	0.76	0.7	-0.06	-0.9	-0.96	0	0	0	0	0
1/17/2024 13:23	14802 TREI_T2	1	1	0	0.4	0.1	-0.3	0	0	0	0	0	0	0
1/17/2024 13:28	28604 BLYT_T2	0	0	0	0	0	0	-1.41	-1.43	0	0	0	0	0
1/17/2024 13:49	64702 LITI_T2	0	0	0	0	0	0	-1.14	-1.39	0	0	0	0	0
1/17/2024 13:50	64702 LITI_T2	0	0	0	0	0	0	-0.57	-0.7	0	0	0	0	0
1/17/2024 13:56	25603 ARRO_T1	8	17	9	0.23	0.22	-0.01	-0.16	-0.16	0	0	0	0	0
1/17/2024 13:58	24102 EHAZ_T1	7	5	-2	0.49	0.2	-0.29	0	0	0	0	0	0	0
1/17/2024 14:04	24104 EHAZ_T1	67	110	43	0.24	0.29	0.05	0	0	0	0	0	0	0
1/17/2024 14:08	54203 PENN_T1	202	152	-50	0.28	0.28	0	0	0	0	0	0	0	0
1/17/2024 14:08	42201 SHEN_T2	1	1	0	0.3	0.6	0.3	-0.72	-0.66	2	2	0	1200	1200
1/17/2024 14:09	42701 AUGU_T1	2	2	0	0.4	0.8	0.4	0	0	1	1	0	600	600
1/17/2024 14:09	67503 WEWI_T2	0	0	0	0	0	0	0.18	0.18	0	0	0	0	0
1/17/2024 14:10	67503 WEWI_T2	0	0	0	0	0	0	0.18	0.18	0	0	0	0	0
1/17/2024 14:10	42201 SHEN_T2	1	1	0	0.3	0.6	0.3	-0.36	-0.33	1	1	0	600	600
1/17/2024 14:11	56802 BENV_T2	2	2	0	0.3	0.15	-0.15	-1.21	-1.2	0	0	0	0	0
1/17/2024 14:11	56801 BENV_T1	11	15	4	0.58	0.77	0.19	-1.14	-1.12	2	2	0	1200	1200
1/17/2024 14:12	56802 BENV_T2	2	2	0	0.3	0.15	-0.15	-1.21	-1.2	0	0	0	0	0
1/17/2024 14:12	10801 CHHI_T1	1	1	0	1.2	1	-0.2	-0.74	-0.73	1	1	0	900	900
1/17/2024 14:12	42701 AUGU_T1	2	2	0	0.4	0.8	0.4	0	0	1	1	0	600	600
1/17/2024 14:12	10805 CHHI_T2	7	11	4	2.11	2	-0.11	-0.05	-0.05	0	0	0	0	0
1/17/2024 14:12	56801 BENV_T1	11	15	4	0.58	0.77	0.19	-1.14	-1.12	2	2	0	1200	1200
1/17/2024 14:12	41601 CLEV_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
1/17/2024 14:13	56801 BENV_T1	11	15	4	0.58	0.77	0.19	-2.85	-2.8	5	5	0	3000	3000
1/17/2024 14:13	56802 BENV_T2	2	2	0	0.3	0.15	-0.15	-4.84	-4.8	0	0	0	0	0
1/17/2024 14:14	41601 CLEV_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
1/17/2024 14:14	56801 BENV_T1	11	15	4	0.58	0.77	0.19	-0.57	-0.56	1	1	0	600	600
1/17/2024 14:14	11804 FRAN_T1	1	1	0	0.7	0.5	-0.2	1.06	1.11	0	0	0	0	0
1/17/2024 14:14	56802 BENV_T2	2	2	0	0.3	0.15	-0.15	-2.42	-2.4	0	0	0	0	0
1/17/2024 14:15	56801 BENV_T1	13	14	1	0.76	0.71	-0.05	-1.14	-1.12	2	2	0	1200	1200
1/17/2024 14:15	56802 BENV_T2	2	3	1	0.15	0.17	0.02	-2.42	-2.4	0	0	0	0	0
1/17/2024 14:15	54502 ENOL_T2	0	0	0	0	0	0	-1.15	-1.15	1	1	0	600	600
1/17/2024 14:16	56802 BENV_T2	2	3	1	0.15	0.17	0.02	-3.63	-3.6	0	0	0	0	0
1/17/2024 14:16	27101 GFLD_T2	0	0	0	0	0	0	-0.32	-0.31	1	1	0	600	600
1/17/2024 14:16	10805 CHHI_T2	11	10	-1	2.86	2.4	-0.46	-0.05	-0.05	0	0	0	0	0
1/17/2024 14:16	63403 HONY_T2	0	0	0	0	0	0	-0.59	-0.57	1	1	0	600	600
1/17/2024 14:16	26803 JAFR_T1	0	0	0	0	0	0	-0.14	-0.12	1	1	0	900	900
1/17/2024 14:16	56801 BENV_T1	13	14	1	0.76	0.71	-0.05	-0.57	-0.56	1	1	0	600	600
1/17/2024 14:17	56802 BENV_T2	2	3	1	0.15	0.17	0.02	-1.21	-1.2	0	0	0	0	0
1/17/2024 14:17	42701 AUGU_T1	1	3	2	0.6	0.65	0.05	0	0	1	1	0	600	600
1/17/2024 14:17	64702 LITI_T2	0	0	0	0	0	0	-0.73	-0.78	0	0	0	0	0
1/17/2024 14:17	46903 MNTG_T2	0	8	8	0	0.14	0.14	0.11	0.17	1	1	0	600	600
1/17/2024 14:18	46903 MNTG_T2	0	8	8	0	0.14	0.14	0.22	0.34	2	2	0	1200	1200
1/17/2024 14:18	20603 GRWO_T2	20	21	1	3.01	3.38	0.37	0	0	0	0	0	0	0
1/17/2024 14:19	46902 MNTG_T2	0	14	14	0	0.15	0.15	0	0	0	0	0	0	0
1/17/2024 14:19	46901 MNTG_T2	1	2	1	0.5	0.1	-0.4	2.09	1.92	0	0	0	0	0
1/17/2024 14:20	46903 MNTG_T2	0	8	8	0	0.14	0.14	0.11	0.17	1	1	0	600	600
1/17/2024 14:20	64702 LITI_T2	0	0	0	0	0	0	-1.47	-1.56	0	0	0	0	0
1/17/2024 14:21	66503 SMAN_T2	170	197	27	0.25	0.44	0.19	0	0	0	0	0	0	0
1/17/2024 14:21	46903 MNTG_T2	0	8	8	0	0.14	0.14	0.22	0.34	2	2	0	1200	1200
1/17/2024 14:21	64101 REFR_T1	0	0	0	0	0	0	0.04	0.16	0	0	0	0	0
1/17/2024 14:21	46901 MNTG_T2	1	2	1	0.5	0.1	-0.4	2.09	1.92	0	0	0	0	0
1/17/2024 14:22	64101 REFR_T1	0	0	0	0	0	0	0.04	0.16	0	0	0	0	0
1/17/2024 14:23	54205 PENN_T1	32	51	19	0.17	0.19	0.02	0	0	0	0	0	0	0
1/17/2024 14:23	66503 SMAN_T2	170	197	27	0.25	0.44	0.19	0	0	0	0	0	0	0
1/17/2024 14:23	58302 NOTT_T1	0	0	0	0	0	0	-0.37	-0.33	1	1	0	1200	1200
1/17/2024 14:23	64101 REFR_T1	0	0	0	0	0	0	0.04	0.16	0	0	0	0	0
1/17/2024 14:24	42201 SHEN_T2	1	1	0	0.6	0.3	-0.3	-0.33	-0.35	1	1	0	600	600
1/17/2024 14:25	46004 BERW_T2	0	0	0	0	0	0	-0.15	-0.07	0	0	0	0	0
1/17/2024 14:25	44301 BEAV_T2	3	1	-2	0.27	0	-0.27	-0.11	0.08	1	1	0	600	600
1/17/2024 14:25	56802 BENV_T2	2	3	1	0.15	0.17	0.02	-2.4	-2.48	0	0	0	0	0
1/17/2024 14:25	42701 AUGU_T1	1	3	2	0.6	0.65	0.05	0	0	1	1	0	600	600
1/17/2024 14:26	14401 SSLA_T1	4	4	0	0.38	0.2	-0.18	0	0	0	0	0	0	0
1/17/2024 14:26	17802 GILB_T1	0	0	0	0	0	0	0.17	0.13	0	0	0	0	0
1/17/2024 14:26	67402 WAKE_T2	0	0	0	0	0	0	-0.22	-0.23	1	1	0	600	600
1/17/2024 14:26	67605 WARW_T1	0	0	0	0	0	0	-2.29	-2.29	0	0	0	0	0
1/17/2024 14:26	17805 GILB_T2	0	0	0	0	0	0	-0.46	-0.52	0	0	0	0	0
1/17/2024 14:26	45902 AUBU_T1	0	3	3	0	0.85	0.85	-1.19	-1.03	2	2	0	1200	1200
1/17/2024 14:26	45902 AUBU_T1	0	3	3	0	0.85	0.85	-1.19	-1.03	2	2	0	1200	1200
1/17/2024 14:26	51107 CARL_T1	0	0	0	0	0	0	0.1	0.1	0	0	0	0	0
1/17/2024 14:26	46004 BERW_T2	0	0	0	0	0	0	-0.15	-0.07	0	0	0	0	0
1/17/2024 14:27	44302 BEAV_T2	3	0	-3	0.47	0	-0.47	0	0	0	0	0	0	0
1/17/2024 14:27	10805 CHHI_T2	11	10	-1	2.86	2.4	-0.46	-0.05	-0.09	0	0	0	0	0
1/17/2024 14:27	42701 AUGU_T1	1	3	2	0.6	0.65	0.05	0	0	1	1	0	600	600
1/17/2024 14:27	51107 CARL_T1	0	0	0	0	0	0	0.1	0.1	0	0	0	0	0
1/17/2024 14:27	56802 BENV_T2	2	3	1	0.15	0.17	0.02	-1.2	-1.24	0	0	0	0	0
1/17/2024 14:27	17804 GILB_T2	0	0	0	0	0	0	-0.49	-0.46	0	0	0	0	0
1/17/2024 14:27	17802 GILB_T1	0	0	0	0	0	0	0.17	0.13	0	0	0	0	0
1/17/2024 14:28	42701 AUGU_T1	1	3	2	0.6	0.65	0.05	0	0	1	1	0	600	600
1/17/2024 14:28	44301 BEAV_T2	3	1	-2	0.27	0	-0.27	-0.11	0.08	1	1	0	600	600
1/17/2024 14:28	17802 GILB_T1	0	0	0	0	0	0	0.34	0.26	0	0	0	0	0
1/17/2024 14:28	10805 CHHI_T2	11	10	-1	2.86	2.4	-0.46	-0.05	-0.09	0	0	0	0	0
1/17/2024 14:28	45902 AUBU_T1	0	3	3	0	0.85	0.85	-1.79	-1.54	3	3	0	1800	1800
1/17/2024 14:28	51604 DUKE_T2	0	0	0	0	0	0	-1.8	-1.81	0	0	0	0	0
1/17/2024 14:28	67402 WAKE_T2	0	0	0	0	0	0	-0.22	-0.23	1	1	0	600	600
1/17/2024 14:28	25603 ARRO_T1	7	24	17	0.2	0.22	0.02	-0.18	-0.16	0	0	0	0	0
1/17/2024 14:29	51604 DUKE_T2	0	0	0	0	0	0	-1.8	-1.81	0	0	0	0	0
1/17/2024 14:29	17805 GILB_T2	0	0	0	0	0	0	-0.46	-0.52	0	0	0	0	0
1/17/2024 14:29	46004 BERW_T2	0	0	0	0	0	0	-0.15	-0.07	0	0	0	0	0
1/17/2024 14:30	46803 HEPB_T2	2	4	2	0.2	0.2	0	0	0	0	0	0	0	0
1/17/2024 14:30	24104 EHAZ_T1	108	37	-71	0.29	0.15	-0.14	0	0	0	0	0	0	0
1/17/2024 14:30	40901 JESH_T1	1	0	-1	0.1	0	-0.1	0	0	0	0	0	0	0
1/17/2024 14:30	17802 GILB_T1	0	0	0	0	0	0	0.34	0.26	0	0	0	0	0
1/17/2024 14:30	56802 BENV_T2	0	3	3	0	0.17	0.17	-1.2	-1.24	0	0	0	0	0
1/17/2024 14:30	45902 AUBU_T1	3	2	-1	0.67	0	-0.67	-1.19	-1.03	2	2	0	1200	1200
1/17/2024 14:31	56802 BENV_T2	0	3	3	0	0.17	0.17	-1.2	-1.24	0	0	0	0	0
1/17/2024 14:31	67402 WAKE_T2	0	0	0	0	0	0	-0.22	-0.23	1	1	0	600	600
1/17/2024 14:31	17802 GILB_T1	0	0	0	0	0	0	0.17	0.13	0	0	0	0	0
1/17/2024 14:32	46901 MNTG_T2	1	1	0	0.1	0.1	0	1.92	1.7	0	0	0	0	0
1/17/2024 14:32	64702 LITI_T2	0	0	0	0	0	0	-0.78	-0.72	0	0	0	0	0
1/17/2024 14:32	46803 HEPB_T2	2	4	2	0.2	0.2	0	0	0	0	0	0	0	0
1/17/2024 14:33	46902 MNTG_T2	0	14	14	0	0.15	0.15	0	0	0	0	0	0	0
1/17/2024 14:33	52101 MEIS_T1	1	1	0	1.2	1.2	0	0	0	0	0	0	0	0
1/17/2024 14:34	46903 MNTG_T2	0	8	8	0	0.14	0.14	0.34	0.28	2	2	0	1200	1200
1/17/2024 14:34	45702 LIND_T2	1	1	0	1.3	1.4	0.1	-0.32	-0.28	0	0	0	0	0
1/17/2024 14:35	46902 MNTG_T2	0	14	14	0	0.15	0.15	0	0	0	0	0	0	0
1/17/2024 14:35	46901 MNTG_T2	1	1	0	0.1	0.1	0	1.92	1.7	0	0	0	0	0
1/17/2024 14:35	52101 MEIS_T1	1	1	0	1.2	1.2	0	0	0	0	0	0	0	0
1/17/2024 14:36	40602 PIGR_T1	2	0	-2	0.15	0	-0.15	0	0	0	0	0	0	0
1/17/2024 14:36	24104 EHAZ_T1	108	37	-71	0.29	0.15	-0.14	0	0	0	0	0	0	0
1/17/2024 14:36	46903 MNTG_T2	0	8	8	0	0.14	0.14	0.17	0.14	1	1	0	600	600
1/17/2024 14:36	65001 NEFF_T2	0	0	0	0	0	0	-1.32	-1.11	2	2	0	2400	2400
1/17/2024 14:36	64702 LITI_T2	0	0	0	0	0	0	-1.56	-1.43	0	0	0	0	0
1/17/2024 14:37	52504 PROG_T1	14	4	-10	0.13	0.1	-0.03	0	0	0	0	0	0	0
1/17/2024 14:37	52101 MEIS_T1	1	1	0	1.2	1.2	0	0	0	0	0	0	0	0
1/17/2024 14:37	66503 SMAN_T2	196	199	3	0.44	0.43	-0.01	0	0	0	0	0	0	0
1/17/2024 14:37	46901 MNTG_T2	1	1	0	0.1	0.1	0	0	0	0	0	0	0	0
1/17/2024 14:38	54205 PENN_T1	25	53	28	0.26	0.2	-0.06	0	0	0	0	0	0	0
1/17/2024 14:39	66503 SMAN_T2	196	199	3	0.44	0.43	-0.01	0	0	0	0	0	0	0
1/17/2024 14:39	56501 ROCK_T2	156	282	126	0.26	0.31	0.05	0	0	0	0	0	0	0
1/17/2024 14:39	58302 NOTT_T1	0	0	0	0	0	0	-0.38	-0.31	1	1	0	1200	1200
1/17/2024 14:39	45402 WILO_T2	65	41	-24	0.32	0.2	-0.12	-1.52	-1.5	1	1	0	900	900
1/17/2024 14:39	46004 BERW_T2	0	0	0	0	0	0	-0.07	-0.14	0	0	0	0	0
1/17/2024 14:40	67503 WEWI_T2	0	0	0	0	0	0	0.13	0.23	0	0	0	0	0
1/17/2024 14:40	56501 ROCK_T2	156	282	126	0.26	0.31	0.05	0	0	0	0	0	0	0
1/17/2024 14:40	45902 AUBU_T1	3	2	-1	0.67	0	-0.67	-0.51	-0.53	1	1	0	600	600
1/17/2024 14:40	66503 SMAN_T2	196	199	3	0.44	0.43	-0.01	0	0	0	0	0	0	0
1/17/2024 14:40	17802 GILB_T1	0	0	0	0	0	0	0.26	0.28	0	0	0	0	0
1/17/2024 14:41	60701 BREC_T1	0	0	0	0	0	0	-0.32	-0.35	1	1	0	600	600
1/17/2024 14:41	66503 SMAN_T2	196	199	3	0.44	0.43	-0.01	0	0	0	0	0	0	0
1/17/2024 14:41	42701 AUGU_T1	2	4	2	0.5	0.6	0.1	0	0	1	1	0	600	600
1/17/2024 14:41	56802 BENV_T2	0	3	3	0	0.17	0.17	-2.48	-2.34	0	0	0	0	0
1/17/2024 14:41	67503 WEWI_T2	0	0	0	0	0	0	0.13	0.23	0	0	0	0	0
1/17/2024 14:42	67503 WEWI_T2	0	0	0	0	0	0	0.26	0.46	0	0	0	0	0
1/17/2024 14:42	67605 WARW_T1	0	0	0	0	0	0	-1.15	-1.13	0	0	0	0	0
1/17/2024 14:42	17805 GILB_T2	0	0	0	0	0	0	-0.52	-0.55	0	0	0	0	0
1/17/2024 14:42	56802 BENV_T2	0	3	3	0	0.17	0.17	-2.48	-2.34	0	0	0	0	0
1/17/2024 14:42	46004 BERW_T2	0	0	0	0	0	0	-0.07	-0.14	0	0	0	0	0
1/17/2024 14:42	17802 GILB_T1	0	0	0	0	0	0	0.39	0.42	0	0	0	0	0
1/17/2024 14:42	67502 WEWI_T2	0	0	0	0	0	0	-0.95	-0.97	1	1	0	900	900
1/17/2024 14:42	40502 CRES_T2	9	3	-6	0.23	0.17	-0.06	-0.53	-0.45	0	0	0	0	0
1/17/2024 14:42	45902 AUBU_T1	3	2	-1	0.67	0	-0.67	-1.54	-1.58	3	3	0	1800	1800
1/17/2024 14:42	61102 BERK_T5	0	1	1	0	0.4	0.4	0.54	0.47	1	1	0	300	300
1/17/2024 14:42	67402 WAKE_T2	0	0	0	0	0	0	-0.23	-0.23	1	1	0	600	600
1/17/2024 14:42	60701 BREC_T1	0	0	0	0	0	0	-0.64	-0.71	2	2	0	1200	1200
1/17/2024 14:43	67402 WAKE_T2	0	0	0	0	0	0	-0.23	-0.23	1	1	0	600	600
1/17/2024 14:43	17804 GILB_T2	0	0	0	0	0	0	-0.46	-0.45	0	0	0	0	0
1/17/2024 14:43	51604 DUKE_T2	0	0	0	0	0	0	-1.81	-1.77	0	0	0	0	0
1/17/2024 14:43	67502 WEWI_T2	0	0	0	0	0	0	-0.95	-0.97	1	1	0	900	900
1/17/2024 14:43	17802 GILB_T1	0	0	0	0	0	0	0.13	0.14	0	0	0	0	0
1/17/2024 14:43	60701 BREC_T1	0	0	0

1/17/2024 14:56	42201 SHEN_T2	1	0	-1	0.1	0	-0.1	-0.34	-0.37	1	1	0	600	600	0
1/17/2024 14:57	46002 BERW_T2	0	0	0	0	0	0	-0.75	-0.84	1	1	0	900	900	0
1/17/2024 14:57	67402 WAKE_T2	0	0	0	0	0	0	-0.23	-0.21	1	1	0	600	600	0
1/17/2024 14:57	67603 WARW_T1	0	0	0	0	0	0	0.14	0.16	0	0	0	0	0	0
1/17/2024 14:57	65001 NEFF_T2	0	0	0	0	0	0	-0.43	-0.55	1	1	0	1200	1200	0
1/17/2024 14:58	20401 ASHF_T2	7	7	0	0.57	0.29	-0.28	0	0	0	0	0	0	0	0
1/17/2024 14:58	51108 CARL_T1	1	1	0	0.1	0.1	0	0	0	0	0	0	0	0	0
1/17/2024 14:58	67603 WARW_T1	0	0	0	0	0	0	0.14	0.16	0	0	0	0	0	0
1/17/2024 14:58	40505 CRES_T1	0	0	0	0	0	0	0.42	0.41	0	0	0	0	0	0
1/17/2024 14:58	40502 CRES_T2	3	11	8	0.17	0.28	0.11	-0.45	-0.46	0	0	0	0	0	0
1/17/2024 14:59	46004 BERW_T2	0	0	0	0	0	0	-0.14	-0.15	0	0	0	0	0	0
1/17/2024 15:00	40505 CRES_T1	0	0	0	0	0	0	0.84	0.82	0	0	0	0	0	0
1/17/2024 15:00	40502 CRES_T2	1	11	10	0.1	0.28	0.18	-0.45	-0.46	0	0	0	0	0	0
1/17/2024 15:01	67002 STHI_T2	0	0	0	0	0	0	0.65	0.66	0	0	0	0	0	0
1/17/2024 15:02	40505 CRES_T1	0	0	0	0	0	0	0.84	0.82	0	0	0	0	0	0
1/17/2024 15:02	40502 CRES_T2	1	11	10	0.1	0.28	0.18	-0.45	-0.46	0	0	0	0	0	0
1/17/2024 15:02	64702 LITI_T2	0	0	0	0	0	0	-0.79	-0.71	0	0	0	0	0	0
1/17/2024 15:03	47403 PENS_T1	1	1	0	1.7	2.3	0.6	0	0	0	0	0	0	0	0
1/17/2024 15:03	67002 STHI_T2	0	0	0	0	0	0	1.3	1.32	0	0	0	0	0	0
1/17/2024 15:03	67402 WAKE_T2	0	0	0	0	0	0	-0.23	-0.21	1	1	0	600	600	0
1/17/2024 15:03	64702 LITI_T2	0	0	0	0	0	0	-0.79	-0.71	0	0	0	0	0	0
1/17/2024 15:04	51108 CARL_T1	1	1	0	0.1	0.1	0	0	0	0	0	0	0	0	0
1/17/2024 15:04	67002 STHI_T2	0	0	0	0	0	0	0.65	0.66	0	0	0	0	0	0
1/17/2024 15:04	65503 MOJO_T2	0	0	0	0	0	0	-1.27	-1.33	1	1	0	900	900	0
1/17/2024 15:05	47403 PENS_T1	0	0	0	0	0	0	0.96	0.99	0	0	0	0	0	0
1/17/2024 15:05	64702 LITI_T2	0	0	0	0	0	0	-0.79	-0.71	0	0	0	0	0	0
1/17/2024 15:06	47403 PENS_T1	1	1	0	1.7	2.3	0.6	0	0	0	0	0	0	0	0
1/17/2024 15:06	40502 CRES_T2	1	11	10	0.1	0.28	0.18	-0.45	-0.46	0	0	0	0	0	0
1/17/2024 15:07	47403 PENS_T1	1	1	0	1.7	2.3	0.6	0	0	0	0	0	0	0	0
1/17/2024 15:08	65503 MOJO_T2	0	0	0	0	0	0	-1.27	-1.33	1	1	0	900	900	0
1/17/2024 15:09	67602 WARW_T2	1	0	-1	0.1	0	-0.1	0.7	0.68	0	0	0	0	0	0
1/17/2024 15:10	40101 HUNT_T2	90	117	27	0.68	0.64	-0.04	-0.9	-0.92	0	0	0	0	0	0
1/17/2024 15:10	67602 WARW_T2	1	0	-1	0.1	0	-0.1	1.39	1.36	0	0	0	0	0	0
1/17/2024 15:12	28602 BLYT_T2	0	3	3	0	0	0	0	0	0	0	0	0	0	0
1/17/2024 15:12	45901 AUBU_T1	0	0	0	0	0	0	1.81	1.8	0	0	0	0	0	0
1/17/2024 15:12	24102 EHAZ_T1	30	24	-6	0.56	0.9	0.34	0	0	0	0	0	0	0	0
1/17/2024 15:13	65001 NEFF_T2	0	0	0	0	0	0	-0.55	-0.5	1	1	0	1200	1200	0
1/17/2024 15:13	67402 WAKE_T2	0	0	0	0	0	0	-0.21	-0.25	1	1	0	600	600	0
1/17/2024 15:15	64204 KINZ_T1	1	1	0	0.6	0.9	0.3	0	0	0	0	0	0	0	0
1/17/2024 15:18	24101 EHAZ_T1	64	77	13	2.03	1.87	-0.16	0	0	0	0	0	0	0	0
1/17/2024 15:18	67402 WAKE_T2	0	0	0	0	0	0	-0.21	-0.25	1	1	0	600	600	0
1/17/2024 15:22	52101 MEIS_T1	1	1	0	1.2	1.1	-0.1	0	0	0	0	0	0	0	0
1/17/2024 15:22	64101 REFR_T1	0	0	0	0	0	0	0.22	0.25	0	0	0	0	0	0
1/17/2024 15:22	13704 SCHN_T2	0	0	0	0	0	0	-0.74	-0.71	0	0	0	0	0	0
1/17/2024 15:23	14401 SSLA_T1	3	3	0	1	0.63	-0.37	0	0	0	0	0	0	0	0
1/17/2024 15:23	13704 SCHN_T2	0	0	0	0	0	0	-0.74	-0.71	0	0	0	0	0	0
1/17/2024 15:23	64101 REFR_T1	0	0	0	0	0	0	0.22	0.25	0	0	0	0	0	0
1/17/2024 15:24	67402 WAKE_T2	0	0	0	0	0	0	-0.25	-0.24	1	1	0	600	600	0
1/17/2024 15:25	43105 SMIL_T2	10	11	1	0.33	0.3	-0.03	0	0	0	0	0	0	0	0
1/17/2024 15:25	13704 SCHN_T2	0	0	0	0	0	0	-0.71	-0.72	0	0	0	0	0	0
1/17/2024 15:25	64101 REFR_T1	0	0	0	0	0	0	0.25	0.27	0	0	0	0	0	0
1/17/2024 15:29	67402 WAKE_T2	0	0	0	0	0	0	-0.25	-0.24	1	1	0	600	600	0
1/17/2024 15:29	43105 SMIL_T2	10	11	1	0.33	0.3	-0.03	0	0	0	0	0	0	0	0
1/17/2024 15:29	65001 NEFF_T2	0	0	0	0	0	0	-0.5	-0.7	1	1	0	1200	1200	0
1/17/2024 15:30	40502 CRES_T2	5	10	5	0.14	0.3	0.16	-0.53	-0.48	0	0	0	0	0	0
1/17/2024 15:34	63403 HONY_T2	0	0	0	0	0	0	-0.62	-0.61	1	1	0	600	600	0
1/17/2024 15:35	55002 NEWP_T1	6	5	-1	0.48	0.52	0.04	-0.16	-0.17	0	0	0	0	0	0
1/17/2024 15:35	64101 REFR_T1	0	0	0	0	0	0	0.12	0.13	0	0	0	0	0	0
1/17/2024 15:36	13302 ORVI_T2	0	0	0	0	0	0	1.2	1.22	0	0	0	0	0	0
1/17/2024 15:37	64101 REFR_T1	0	0	0	0	0	0	0.12	0.13	0	0	0	0	0	0
1/17/2024 15:38	64101 REFR_T1	0	0	0	0	0	0	0.25	0.27	0	0	0	0	0	0
1/17/2024 15:38	14403 SSLA_T1	1	1	0	0.1	0	-0.1	1.04	1.02	0	0	0	0	0	0
1/17/2024 15:39	67402 WAKE_T2	0	0	0	0	0	0	-0.24	-0.21	1	1	0	600	600	0
1/17/2024 15:39	64101 REFR_T1	0	0	0	0	0	0	0.13	0.13	0	0	0	0	0	0
1/17/2024 15:40	14403 SSLA_T1	1	1	0	0.1	0	-0.1	1.02	1.04	0	0	0	0	0	0
1/17/2024 15:45	27101 GFLD_T2	0	0	0	0	0	0	-0.21	-0.22	1	1	0	600	600	0
1/17/2024 15:45	67402 WAKE_T2	0	0	0	0	0	0	-0.24	-0.21	1	1	0	600	600	0
1/17/2024 15:48	40101 HUNT_T2	171	200	29	0.82	0.73	-0.09	-0.87	-0.87	0	0	0	0	0	0
1/17/2024 15:51	60502 NMAN_T2	0	0	0	0	0	0	-0.3	-0.23	0	0	0	0	0	0
1/17/2024 15:51	64101 REFR_T1	0	0	0	0	0	0	0.13	0.13	0	0	0	0	0	0
1/17/2024 15:52	64101 REFR_T1	0	0	0	0	0	0	0.13	0.13	0	0	0	0	0	0
1/17/2024 15:53	64101 REFR_T1	0	0	0	0	0	0	0.13	0.13	0	0	0	0	0	0
1/17/2024 15:54	64101 REFR_T1	0	0	0	0	0	0	0.4	0.4	0	0	0	0	0	0
1/17/2024 15:55	67402 WAKE_T2	0	0	0	0	0	0	-0.21	-0.19	1	1	0	600	600	0
1/17/2024 16:00	67402 WAKE_T2	0	0	0	0	0	0	-0.21	-0.19	1	1	0	600	600	0
1/17/2024 16:01	64101 REFR_T1	0	0	0	0	0	0	0.13	0.13	0	0	0	0	0	0
1/17/2024 16:07	55002 NEWP_T1	5	6	1	0.52	1.05	0.53	-0.17	-0.14	0	0	0	0	0	0
1/17/2024 16:08	64101 REFR_T1	0	0	0	0	0	0	0.13	0.13	0	0	0	0	0	0
1/17/2024 16:12	40502 CRES_T2	10	5	-5	0.3	0.15	-0.15	-0.5	-0.4	0	0	0	0	0	0
1/17/2024 16:14	16401 MOPO_T1	2	2	0	1.3	1.5	0.2	0	0	0	0	0	0	0	0
1/17/2024 16:16	45802 HEGI_T2	0	0	0	0	0	0	0.04	-0.14	2	2	0	1800	1800	0
1/17/2024 16:18	43201 MVIL_T2	0	1	1	0	0.3	0.3	-0.28	-0.29	0	0	0	0	0	0
1/17/2024 16:20	47401 PENS_T1	0	0	0	0	0	0	1.8	1.83	0	0	0	0	0	0
1/17/2024 16:21	58401 MORO_T1	1	1	0	0.8	0.4	-0.4	0	0	0	0	0	0	0	0
1/17/2024 16:21	47403 PENS_T1	1	1	0	2.4	2.3	-0.1	0	0	0	0	0	0	0	0
1/17/2024 16:22	55002 NEWP_T1	4	6	2	0.5	1.05	0.55	-0.14	-0.13	0	0	0	0	0	0
1/17/2024 16:22	65001 NEFF_T2	0	0	0	0	0	0	-0.73	-0.68	1	1	0	1200	1200	0
1/17/2024 16:25	67901 WNHO_T2	0	6	6	0	0.2	0.2	-0.13	-0.21	0	0	0	0	0	0
1/17/2024 16:31	47403 PENS_T1	1	1	0	2	2.3	0.3	0	0	0	0	0	0	0	0
1/17/2024 16:33	26401 INOR_T1	0	2	2	0	0	0	0.9	0.9	0	0	0	0	0	0
1/17/2024 16:34	46903 MNTG_T2	0	3	3	0	0.1	0.1	-0.2	-0.2	1	1	0	600	600	0
1/17/2024 16:36	52101 MEIS_T1	1	1	0	1.1	1.1	0	0	0	0	0	0	0	0	0
1/17/2024 16:37	63403 HONY_T2	0	0	0	0	0	0	-0.49	-0.53	1	1	0	600	600	0
1/17/2024 16:37	52102 MEIS_T1	0	2	2	0	0.2	0.2	0	0	1	1	0	450	450	0
1/17/2024 16:38	55002 NEWP_T1	6	5	-1	1.05	0.74	-0.31	-0.13	-0.14	0	0	0	0	0	0
1/17/2024 16:42	39601 LNFD_T1	39	34	-5	1.9	0.68	-1.22	0	0	1	1	0	900	900	0
1/17/2024 16:42	54505 ENOL_T2	1	0	-1	0.3	0	-0.3	0	0	0	0	0	0	0	0
1/17/2024 16:43	65001 NEFF_T2	0	0	0	0	0	0	-0.66	-0.68	1	1	0	1200	1200	0
1/17/2024 16:50	46903 MNTG_T2	2	2	0	0.1	0.15	0.05	-0.2	-0.14	1	1	0	600	600	0
1/17/2024 16:50	56501 ROCK_T2	176	230	54	0.22	0.24	0.02	-1.97	-1.91	0	0	0	0	0	0
1/17/2024 16:50	64101 REFR_T1	0	0	0	0	0	0	0.14	0.15	0	0	0	0	0	0
1/17/2024 16:51	17803 GILB_T2	0	1	1	0	0	0	0	0	0	0	0	0	0	0
1/17/2024 16:51	65901 SAKR_T2	1	1	0	8	8.1	0.1	0	0	0	0	0	0	0	0
1/17/2024 16:54	45302 WBER_T2	6	24	18	0.35	0.41	0.06	0.99	0.98	0	0	0	0	0	0
1/17/2024 16:55	45302 WBER_T2	6	24	18	0.35	0.41	0.06	0.99	0.98	0	0	0	0	0	0
1/17/2024 16:56	56504 ROCK_T2	0	1	1	0	0.1	0.1	0	0	0	0	0	0	0	0
1/17/2024 17:01	60803 BUCK_T1	0	0	0	0	0	0	-1.05	-1.03	1	1	0	600	600	0
1/17/2024 17:04	22805 HAUT_T2	348	679	331	1.35	1.36	0.01	-1.1	-1.07	1	1	0	1200	1200	0
1/17/2024 17:05	28704 HAML_T2	0	0	0	0	0	0	-0.6	-0.59	0	0	0	0	0	0
1/17/2024 17:05	56501 ROCK_T2	209	189	-20	0.24	0.21	-0.03	-1.91	-1.94	0	0	0	0	0	0
1/17/2024 17:09	64202 KINZ_T1	0	1	1	0	0	0	0	0	0	0	0	0	0	0
1/17/2024 17:10	43402 BENT_T1	0	0	0	0	0	0	-1.39	-1.38	2	2	0	1500	1500	0
1/17/2024 17:11	56504 ROCK_T2	1	2	1	0.1	0.5	0.4	0.02	0.04	0	0	0	0	0	0
1/17/2024 17:12	56501 ROCK_T2	209	189	-20	0.24	0.21	-0.03	0	0	0	0	0	0	0	0
1/17/2024 17:13	52403 GRPA_T2	11	133	122	0.95	0.6	-0.35	0.28	0.27	0	0	0	0	0	0
1/17/2024 17:13	64702 LITI_T2	0	0	0	0	0	0	-0.8	-0.77	0	0	0	0	0	0
1/17/2024 17:13	60201 ATGL_T2	0	2	2	0	0	0	-0.36	-0.58	0	1	1	0	300	300
1/17/2024 17:14	67503 WEWI_T2	0	0	0	0	0	0	0.31	0.33	0	0	0	0	0	0
1/17/2024 17:14	65001 NEFF_T2	0	0	0	0	0	0	-0.62	-0.74	1	1	0	1200	1200	0
1/17/2024 17:16	22805 HAUT_T2	448	742	294	1.37	1.35	-0.02	-1.07	-0.99	1	1	0	1200	1200	0
1/17/2024 17:16	25603 ARRO_T1	0	0	0	0	0	0	-0.08	-0.07	0	0	0	0	0	0
1/17/2024 17:17	64301 LINC_T1	0	0	0	0	0	0	-0.07	-0.2	1	1	0	600	600	0
1/17/2024 17:22	67501 WEWI_T1	0	0	0	0	0	0	-0.16	-0.18	0	0	0	0	0	0
1/17/2024 17:23	67502 WEWI_T2	0	0	0	0	0	0	-1.17	-1.13	1	1	0	900	900	0
1/17/2024 17:23	56501 ROCK_T2	187	107	-80	0.21	0.2	-0.01	-1.94	-1.84	0	0	0	0	0	0
1/17/2024 17:23	43102 SMIL_T2	8	8	0	0.84	0.59	-0.25	0	0	0	0	0	0	0	0
1/17/2024 17:24	65001 NEFF_T2	0	0	0	0	0	0	-0.74	-0.52	1	1	0	1200	1200	0
1/17/2024 17:25	43105 SMIL_T2	6	3	-3	0.18	0.13	-0.05	0	0	0	0	0	0	0	0
1/17/2024 17:25	64201 KINZ_T1	0	2	2	0	0	0	-1.04	-1.1	3	3	0	1500	1500	0
1/17/2024 17:26	20603 GRWO_T2	21	20	-1	4.51	6.24	1.73	0	0	0	0	0	0	0	0
1/17/2024 17:26	24703 FLND_T2	3	0	-3	1.13	0	-1.13	-1.1	-1.16	1	1	0	1200	1200	0
1/17/2024 17:26	17802 GILB_T1	0	1	1	0	0	0	0.47	0.46	0	0	0	0	0	0
1/17/2024 17:27	53903 HALI_T2	2	2	0	0.9	0.95	0.05	0	0	0	0	0	0	0	0
1/17/2024 17:27	67502 WEWI_T2	0	0	0	0	0	0	-1.13	-1.11	1	1	0	900	900	0
1/17/2024 17:28	25603 ARRO_T1	0	0	0	0	0	0	-0.07	-0.08	0	0	0	0	0	0
1/17/2024 17:30	42601 TUSC_T1	0	0	0	0	0	0	-1.36	-1.29	2	2	0	1800	1800	0
1/17/2024 17:32	40502 CRES_T2	14	11	-3	0.28	0.18	-0.1	-0.24	-0.22	0	0	0	0	0	0
1/17/2024 17:34	56802 BENV_T2	0	0	0	0	0	0	-0.99	-1.02	0	0	0	0	0	0
1/17/2024 17:34	62606 ENGL_T1	1	0	-1	0.9	0	-0.9	0	0	0	0	0	0	0	0
1/17/2024 17:35	57403 SPAN_T1	0	1	1	0	0	0	0	0	0	0	0	0	0	0
1/17/2024 17:35	65001 NEFF_T2	0	0	0	0	0	0	-0.74	-0.52	1	1	0	1200	1200	0
1/17/2024 17:35	67204 TEHI_T2	0	0	0	0	0	0	0.35	0.36	0	0	0	0	0	0
1/17/2024 17:36	17804 GILB_T2	0	0	0	0	0	0	-0.38	-0.37	0	0	0	0	0	0
1/17/2024 17:36	40502 CRES_T2	14	11	-3	0.28	0.18	-0.1	-0.24	-0.22	0	0	0	0	0	0
1/17/2024 17:36	46204 DANV_T2	90	116	26	0.41	0.77	0.36	0	0	0	0	0	0	0	0
1/17/2024 17:38	40502 CRES_T2	14	11	-3	0.28	0.18	-0.1	-0.22	-0.21	0	0	0	0	0	0
1/17/2024 17:39	64204 KINZ_T1	0	1	1	0	0.4	0.4	0	0	0	0	0	0	0	0
1/17/2024 17:39	43102 SMIL_T2	8	8	0	0.73	0.39	-0.34	0	0	0	0	0	0	0	0
1/17/2024 17:40	40502 CRES_T2	14	11	-3	0.28	0.18	-0.1	-0.22	-0.21	0	0	0	0	0	0
1/17/2024 17:42	17802 GILB_T1	0	2	2	0	0	0	0.46	0.5	0	0	0	0	0	0
1/17/2024 17:42	57401 SPAN_T1	0	0	0	0	0	0	-0.64	-0.7	1	1	0	600	600	0
1/17/2024 17:42	40502 CRES_T2	14	11	-3	0.28	0.18	-0.1	-0.44	-0.42	0	0	0	0	0	0
1/17/2024 17:43	16302 ALPA_T2	3	6	3	0.33	0.55	0.22	-0.5	-0.45	0	0	0	0	0	0
1/17/2024 17:44	40505 CRES_T1	0	0	0	0	0	0	0.57	0.56	0	0	0	0	0	0
1/17/2024 17:44	47402 PENS_T1	2	3	1	0.3	0	-0.3	0	0	0	0	0	0	0	0
1/17/2024 17:46	46204 DANV_T2	116	113	-3	0.87	0.77	-0.1	0	0	0	0	0	0	0	0
1/17/2024 17:46	40502 CRES_T2	8	11	3	0.34	0.19	-0.15	-0.22	-0.21	0	0	0	0	0	0
1/17/2024 17:48	46602 LACR_T1	1	0	-1	0.8	0	-0.8	-1.01	-1.06	0	0	0	0	0	0
1/17/2024 17:48	67503 WEWI_T2	0	1	1	0	0.5	0.5	0.36	0.35	0	0	0	0	0	0
1/17/2024 17:48	25603 ARRO_T1	0	1	1	0	0.5	0.5	-0.08	-0.07	0	0	0	0	0	0
1/17/2024 17:49	46301 ROHR_T1	3	3	0	1.43	1.2	-0.23	0	0	0	0	0	0	0	0
1/17/2024 17:50	11101 EGYP_T1	0	1	1	0	0	0	0	0	0	0	0	0	0	0
1/17/2024 17:50	54001 SDLE_T1	3	5	2	0.83	0.35	-0.48	0	0	0	0	0	0	0	0
1/17/2024 17:50	40502 CRES_T2	8	11	3	0.34	0.19	-0.15	-0.22	-0.21	0	0	0	0	0	0
1/17/2024 17:50	65001 NEFF_T2	0	0	0	0	0	0	-0.52	-0.69	1	1	0	1200	1200	0
1/17/2024 17:51	67501 WEWI_T1	0	0	0	0	0	0	-0.17	-0.17	0	0	0	0	0	0
1/17/2024 17:51	27101 GFLD_T2	0	2	2	0	0.3	0.3	-0.14	-0.1	1	1	0	600	600	0
1/17/2024 17:52	28702 HAML_T2	7	0	-7	0.13	0	-0.13	0	0	0	0	0	0	0	0
1/17/2024 17:52	57303 MOAL_T2	1	1	0	7.6	7.4	-0.2	0	0	0	0	0	0	0	0
1/17/2024 17:52	40502 CRES_T2	8	11	3	0.34	0.19	-0.15	-0.22	-0.21	0	0	0	0	0	0
1/17/2024 17:53	46903 MNTG_T2	0	1	1	0	0	0	0	0	0	0	0	0	0	0
1/17/2024 17:54	56801 BENV_T1	16	41	25	0.61	0.48	-0.13	-0.31	-0.32	1	1	0	600	600	0
1/17/2024 17:54	52101 MEIS_T1	1	1	0	0.2	0.2	0	0	0	0	0	0	0	0	0
1/17/2024 17:54	56802 BENV_T2	0	1	1	0	0.1	0.1	-2.89	-2.85	0	0	0	0	0	0
1/17/2024 17:55	46803 HEPB_T2	1	1	0	0.1	0.1	0	0	0	0	0	0	0	0	0
1/17/2024 17:56	56801 BENV_T1	16	41	25	0.61	0.48	-0.13	-0.31	-0.32	1	1	0	600	600	0
1/17/2024 17:56	40502 CRES_T2	8	11	3	0.34	0.19	-0.15	-0.62	-0.55	0	0	0	0	0	0
1/17/2024 17:57	52102 MEIS_T1	0	2	2	0	0.1	0.1	0	0	1	1

Appendix C - Grid Benefits Achieved in Each Instance of Active Management

1/17/2024 18:16	41901 REED_T1	11	11	0	0.96	1.07	0.11	0	0	0	0	0	0	0	0
1/17/2024 18:16	28602 BLYT_T2	12	9	-3	0.68	0.5	-0.18	0	0	0	0	0	0	0	0
1/17/2024 18:16	40502 CRES_T2	9	13	4	0.19	0.18	-0.01	-0.18	-0.17	0	0	0	0	0	0
1/17/2024 18:17	11103 EGYP_T1	6	8	2	0.67	1.54	0.87	0	0	0	0	0	0	0	0
1/17/2024 18:17	43104 SMIL_T2	0	1	1	0	1	1	-0.55	-0.51	1	1	0	300	300	0
1/17/2024 18:18	52403 GRPA_T2	79	117	38	0.79	0.79	0	0	0	0	0	0	0	0	0
1/17/2024 18:18	52102 MEIS_T1	0	0	0	0	0	0	0	0	1	1	0	450	450	0
1/17/2024 18:19	46301 ROHR_T1	1	2	1	1.2	0.9	-0.3	0	0	0	0	0	0	0	0
1/17/2024 18:19	56801 BENV_T1	22	21	-1	0.49	0.38	-0.11	-0.32	-0.3	1	1	0	600	600	0
1/17/2024 18:19	57401 SPAN_T1	0	0	0	0	0	0	-0.53	-0.91	1	1	0	600	600	0
1/17/2024 18:19	66503 SMAN_T2	186	170	-16	0.36	0.3	-0.06	0	0	0	0	0	0	0	0
1/17/2024 18:20	63404 HONY_T1	3	2	-1	3.57	5.1	1.53	0	0	0	0	0	0	0	0
1/17/2024 18:20	40502 CRES_T2	9	13	4	0.19	0.18	-0.01	-0.18	-0.17	0	0	0	0	0	0
1/17/2024 18:20	57401 SPAN_T1	0	0	0	0	0	0	-0.53	-0.91	1	1	0	600	600	0
1/17/2024 18:21	46206 DANV_T2	17	10	-7	0.82	0.65	-0.17	2.96	2.96	1	1	0	1200	1200	0
1/17/2024 18:21	47402 PENS_T1	2	3	1	0.4	1.27	0.87	0	0	0	0	0	0	0	0
1/17/2024 18:21	53501 EVIL_T2	0	1	1	0	0.2	0.2	-1.22	-1.15	2	2	0	1200	1200	0
1/17/2024 18:21	62604 ENGL_T1	1	1	0	0.6	0.5	-0.1	-0.36	-0.33	1	1	0	600	600	0
1/17/2024 18:22	42903 MIDD_T2	0	2	2	0	0	0	0	0	0	0	0	0	0	0
1/17/2024 18:22	40502 CRES_T2	9	13	4	0.19	0.18	-0.01	-0.18	-0.17	0	0	0	0	0	0
1/17/2024 18:22	59302 MCAL_T1	0	0	0	0	0	0	-0.78	-0.74	1	1	0	600	600	0
1/17/2024 18:23	55001 NEWP_T1	1	4	3	1	0.3	-0.7	0	0	0	0	0	0	0	0
1/17/2024 18:23	13503 MCMI_T2	153	142	-11	0.99	0.77	-0.22	-0.22	-0.24	0	0	0	0	0	0
1/17/2024 18:23	44905 SCOT_T1	78	80	2	1.84	1.95	0.11	0	0	0	0	0	0	0	0
1/17/2024 18:24	46004 BERW_T2	5	15	10	0.46	0.3	-0.16	-0.24	-0.3	0	0	0	0	0	0
1/17/2024 18:24	40502 CRES_T2	9	13	4	0.19	0.18	-0.01	-0.17	-0.16	0	0	0	0	0	0
1/17/2024 18:24	64702 LITI_T2	0	0	0	0	0	0	-0.74	-0.73	0	0	0	0	0	0
1/17/2024 18:25	67204 TEHI_T2	0	0	0	0	0	0	0.38	0.39	0	0	0	0	0	0
1/17/2024 18:26	13503 MCMI_T2	153	142	-11	0.99	0.77	-0.22	-0.22	-0.24	0	0	0	0	0	0
1/17/2024 18:26	40502 CRES_T2	9	13	4	0.19	0.18	-0.01	-0.17	-0.16	0	0	0	0	0	0
1/17/2024 18:27	43104 SMIL_T2	0	1	1	0	1	1	-0.51	-0.53	1	1	0	300	300	0
1/17/2024 18:27	46203 DANV_T2	1	3	2	0.6	0.1	-0.5	0	0	0	0	0	0	0	0
1/17/2024 18:27	47402 PENS_T1	2	3	1	0.4	1.27	0.87	0	0	0	0	0	0	0	0
1/17/2024 18:27	56801 BENV_T1	22	21	-1	0.49	0.38	-0.11	-0.3	-0.27	1	1	0	600	600	0
1/17/2024 18:27	13704 SCHN_T2	1	1	0	0.2	0	-0.2	-0.6	-0.58	0	0	0	0	0	0
1/17/2024 18:27	64101 REFR_T1	0	0	0	0	0	0	0.18	0.2	0	0	0	0	0	0
1/17/2024 18:27	64702 LITI_T2	0	0	0	0	0	0	-0.74	-0.73	0	0	0	0	0	0
1/17/2024 18:28	43101 SMIL_T2	2	3	1	3.25	4.7	1.45	0	0	0	0	0	0	0	0
1/17/2024 18:28	56801 BENV_T1	22	21	-1	0.49	0.38	-0.11	-0.3	-0.27	1	1	0	600	600	0
1/17/2024 18:28	40101 HUNT_T2	513	539	26	1.94	1.46	-0.48	-0.74	-0.73	0	0	0	0	0	0
1/17/2024 18:29	65503 MOJO_T2	0	0	0	0	0	0	-1.29	-1.34	1	1	0	900	900	0
1/17/2024 18:29	44301 BEAV_T2	6	4	-2	0.52	0.65	0.13	0.03	0.13	1	1	0	600	600	0
1/17/2024 18:29	62604 ENGL_T1	1	1	0	0.6	0.5	-0.1	-0.33	-0.34	1	1	0	600	600	0
1/17/2024 18:29	57401 SPAN_T1	0	0	0	0	0	0	-0.91	-0.93	1	1	0	600	600	0
1/17/2024 18:29	13302 ORVI_T2	0	0	0	0	0	0	1.34	1.36	0	0	0	0	0	0
1/17/2024 18:29	10805 CHHI_T2	13	13	0	3.15	2.49	-0.66	-0.64	-0.65	1	1	0	600	600	0
1/17/2024 18:30	40502 CRES_T2	4	14	10	0.33	0.19	-0.14	-0.51	-0.49	0	0	0	0	0	0
1/17/2024 18:30	56801 BENV_T1	16	16	0	0.31	0.41	0.1	-0.3	-0.27	1	1	0	600	600	0
1/17/2024 18:30	16302 ALPA_T2	5	1	-4	0.72	0	-0.72	-0.45	-0.52	0	0	0	0	0	0
1/17/2024 18:31	17802 GILB_T1	0	1	1	0.1	0	-0.1	0.94	0.94	0	0	0	0	0	0
1/17/2024 18:31	58401 MORO_T1	0	1	1	0	0	0	0	0	0	0	0	0	0	0
1/17/2024 18:31	59101 WALK_T2	4	9	5	0.5	0.5	0	1.49	1.41	1	1	0	450	450	0
1/17/2024 18:32	53903 HALI_T2	2	2	0	1	1.2	0.2	0	0	0	0	0	0	0	0
1/17/2024 18:32	67503 WEWI_T2	2	0	-2	0.6	0	-0.6	0.4	0.37	0	0	0	0	0	0
1/17/2024 18:32	51604 DUKE_T2	0	0	0	0	0	0	-1.64	-1.63	0	0	0	0	0	0
1/17/2024 18:33	60701 BREC_T1	1	1	0	1.7	0	-1.7	-0.21	-0.23	1	1	0	600	600	0
1/17/2024 18:33	11804 FRAN_T1	72	82	10	0.49	0.53	0.04	0.93	0.94	0	0	0	0	0	0
1/17/2024 18:34	45902 AUBU_T1	8	15	7	0.58	0.78	0.2	-1.19	-1.1	2	2	0	1200	1200	0
1/17/2024 18:34	46204 DANV_T2	110	100	-10	0.7	0.37	-0.33	0	0	0	0	0	0	0	0
1/17/2024 18:34	13704 SCHN_T2	1	0	-1	0.1	0	-0.1	-0.6	-0.58	0	0	0	0	0	0
1/17/2024 18:35	56801 BENV_T1	16	16	0	0.31	0.41	0.1	-0.3	-0.27	1	1	0	600	600	0
1/17/2024 18:36	20602 GRWO_T2	3	10	7	0.2	0	-0.2	0	0	0	0	0	0	0	0
1/17/2024 18:36	67501 WEWI_T1	0	0	0	0	0	0	-0.25	-0.19	0	0	0	0	0	0
1/17/2024 18:36	42902 MIDD_T2	53	53	0	2.45	0.7	-1.75	-0.19	-0.26	0	0	0	0	0	0
1/17/2024 18:36	56801 BENV_T1	16	16	0	0.31	0.41	0.1	-0.3	-0.27	1	1	0	600	600	0
1/17/2024 18:36	40502 CRES_T2	4	14	10	0.33	0.19	-0.14	-0.34	-0.32	0	0	0	0	0	0
1/17/2024 18:37	60701 BREC_T1	1	1	0	1.7	0	-1.7	-0.21	-0.23	1	1	0	600	600	0
1/17/2024 18:37	64801 MONE_T2	0	0	0	0	0	0	-0.3	-0.28	0	0	0	0	0	0
1/17/2024 18:37	45402 WILO_T2	4	20	16	0.13	0.19	0.06	-1.21	-1.23	1	1	0	900	900	0
1/17/2024 18:38	45902 AUBU_T1	8	15	7	0.58	0.78	0.2	-0.55	-0.61	1	1	0	600	600	0
1/17/2024 18:38	56501 ROCK_T2	244	308	64	0.29	0.33	0.04	-1.81	-1.85	0	0	0	0	0	0
1/17/2024 18:39	67501 WEWI_T1	0	0	0	0	0	0	-0.19	-0.21	0	0	0	0	0	0
1/17/2024 18:39	54001 SDLE_T1	3	2	-1	0.47	0.25	-0.22	0	0	0	0	0	0	0	0
1/17/2024 18:39	61102 BERK_T5	0	0	0	0	0	0	0.56	0.52	1	1	0	300	300	0
1/17/2024 18:39	56802 BENV_T2	1	0	-1	0.1	0	-0.1	-0.98	-1	0	0	0	0	0	0
1/17/2024 18:39	67502 WEWI_T2	0	0	0	0	0	0	-1.13	-1.03	1	1	0	900	900	0
1/17/2024 18:40	41601 CLEV_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1/17/2024 18:40	45501 DERR_T2	8	39	31	0.69	0.51	-0.18	0.76	0.7	2	2	0	1800	1800	0
1/17/2024 18:40	45902 AUBU_T1	8	15	7	0.58	0.78	0.2	-0.55	-0.61	1	1	0	600	600	0
1/17/2024 18:40	10801 CHHI_T1	1	4	3	0.1	0.2	0.1	-1.16	-1.1	2	2	0	1500	1500	0
1/17/2024 18:40	56801 BENV_T1	16	16	0	0.31	0.41	0.1	-0.27	-0.28	1	1	0	600	600	0
1/17/2024 18:40	40502 CRES_T2	4	14	10	0.33	0.19	-0.14	-0.16	-0.16	0	0	0	0	0	0
1/17/2024 18:41	49804 UNIV_T1	9	10	1	0.56	0.42	-0.14	0	0	0	0	0	0	0	0
1/17/2024 18:41	46901 MNTG_T2	0	0	0	0	0	0	1.56	1.5	0	0	0	0	0	0
1/17/2024 18:41	56802 BENV_T2	1	0	-1	0.1	0	-0.1	-0.98	-1	0	0	0	0	0	0
1/17/2024 18:42	52102 MEIS_T1	0	0	0	0	0	0	0	0	1	1	0	450	450	0
1/17/2024 18:42	42701 AUGU_T1	53	48	-5	0.81	0.57	-0.24	0	0	1	1	0	600	600	0
1/17/2024 18:43	51102 CARL_T1	1	5	4	0.1	0.14	0.04	0	0	0	0	0	0	0	0
1/17/2024 18:43	64204 KINZ_T1	1	1	0	0.6	0.5	-0.1	0	0	0	0	0	0	0	0
1/17/2024 18:43	42903 MIDD_T2	2	0	-2	0.5	0	-0.5	0	0	0	0	0	0	0	0
1/17/2024 18:44	57403 SPAN_T1	0	4	4	0.1	0	0	0.34	0.34	0	0	0	0	0	0
1/17/2024 18:44	46903 MNTG_T2	0	0	0	0	0	0	-0.23	-0.22	1	1	0	600	600	0
1/17/2024 18:45	46004 BERW_T2	8	9	1	0.6	0.71	0.11	-0.3	-0.3	0	0	0	0	0	0
1/17/2024 18:45	67602 WARW_T2	0	0	0	0	0	0	0.7	0.77	0	0	0	0	0	0
1/17/2024 18:46	56801 BENV_T1	13	18	5	0.38	0.6	0.22	-0.27	-0.28	1	1	0	600	600	0
1/17/2024 18:46	29402 BELT_T1	36	11	-25	0.56	1.32	0.76	0	0	0	0	0	0	0	0
1/17/2024 18:47	42903 MIDD_T2	0	2	2	0	0.65	0.65	0	0	0	0	0	0	0	0
1/17/2024 18:47	11104 EGYP_T1	8	6	-2	0.34	0	-0.34	-0.16	-0.17	1	1	0	900	900	0
1/17/2024 18:48	41901 REED_T1	11	11	0	0.96	1.15	0.19	0	0	0	0	0	0	0	0
1/17/2024 18:48	58401 MORO_T1	1	1	0	0.7	0	-0.7	-0.7	-0.7	1	1	0	600	600	0
1/17/2024 18:48	53901 HALI_T2	43	31	-12	0.25	0.21	-0.04	-1.3	-1.29	0	0	0	0	0	0
1/17/2024 18:48	65502 MOJO_T2	9	18	9	0.1	0.1	0	0	0	0	0	0	0	0	0
1/17/2024 18:48	52403 GRPA_T2	113	168	55	0.84	0.77	-0.07	0	0	0	0	0	0	0	0
1/17/2024 18:48	45402 WILO_T2	20	17	-3	0.19	0.16	-0.03	-1.23	-1.24	1	1	0	900	900	0
1/17/2024 18:48	42202 SHEN_T2	1	1	0	0.5	0.2	-0.3	0	0	0	0	0	0	0	0
1/17/2024 18:49	56801 BENV_T1	13	18	5	0.38	0.6	0.22	-0.54	-0.56	2	2	0	1200	1200	0
1/17/2024 18:49	45302 WBER_T2	33	26	-7	0.45	0.49	0.04	0.97	0.97	0	0	0	0	0	0
1/17/2024 18:49	23902 EFMO_T2	1	2	1	0.7	0	-0.7	0	0	0	0	0	0	0	0
1/17/2024 18:49	64101 REFR_T1	0	0	0	0	0	0	0.2	0.19	0	0	0	0	0	0
1/17/2024 18:49	56802 BENV_T2	0	0	0	0	0	0	-0.98	-1	0	0	0	0	0	0
1/17/2024 18:50	51102 CARL_T1	5	1	-4	0.14	0.1	-0.04	0	0	0	0	0	0	0	0
1/17/2024 18:50	41601 CLEV_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1/17/2024 18:50	55105 WERT_T1	0	0	0	0	0	0	-0.18	-0.16	1	1	0	900	900	0
1/17/2024 18:50	40502 CRES_T2	12	13	1	0.24	0.28	0.04	-0.16	-0.16	0	0	0	0	0	0
1/17/2024 18:50	54001 SDLE_T1	2	2	0	0.25	0.35	0.1	0	0	0	0	0	0	0	0
1/17/2024 18:50	40101 HUNT_T2	500	580	80	1.45	1.53	0.08	-0.73	-0.7	0	0	0	0	0	0
1/17/2024 18:51	47402 PENS_T1	3	3	0	1.3	0	-1.3	0	0	0	0	0	0	0	0
1/17/2024 18:51	56504 ROCK_T2	1	1	0	0.5	0.4	-0.1	0	0	0	0	0	0	0	0
1/17/2024 18:51	66701 STRA_T1	3	5	2	0.17	0.2	0.03	0	0	0	0	0	0	0	0
1/17/2024 18:51	46903 MNTG_T2	0	6	6	0	0.13	0.13	-0.23	-0.22	1	1	0	600	600	0
1/17/2024 18:52	66701 STRA_T1	3	5	2	0.17	0.2	0.03	0	0	0	0	0	0	0	0
1/17/2024 18:52	40902 JESH_T1	0	0	0	0	0	0	-1.02	-1.02	1	1	0	600	600	0
1/17/2024 18:52	41902 REED_T1	44	39	-5	0.76	0.55	-0.21	0.55	0.49	1	1	0	900	900	0
1/17/2024 18:52	67503 WEWI_T2	0	0	0	0	0	0	0.37	0.32	0	0	0	0	0	0
1/17/2024 18:52	13704 SCHN_T2	0	0	0	0	0	0	-0.58	-0.61	0	0	0	0	0	0
1/17/2024 18:54	40504 CRES_T1	0	5	5	0	0	0	0	0	0	0	0	0	0	0
1/17/2024 18:54	46204 DANV_T2	74	99	25	0.39	0.38	-0.01	0	0	0	0	0	0	0	0
1/17/2024 18:54	27502 WEIS_T2	1	2	1	0.7	0	-0.7	-0.76	-0.69	0	0	0	0	0	0
1/17/2024 18:54	40502 CRES_T2	12	13	1	0.24	0.28	0.04	-0.16	-0.18	0	0	0	0	0	0
1/17/2024 18:54	17802 GILB_T1	0	2	2	0	0	0	0.51	0.47	0	0	0	0	0	0
1/17/2024 18:54	41901 REED_T1	11	11	0	0.96	1.15	0.19	-0.01	-0.01	1	1	0	900	900	0
1/17/2024 18:54	65001 NEFF_T2	0	0	0	0	0	0	-0.64	-0.75	1	1	0	1200	1200	0
1/17/2024 18:55	44301 BEAV_T2	2	9	7	0.65	2.3	1.65	0.23	0.16	1	1	0	600	600	0
1/17/2024 18:55	46801 HEPB_T2	0	4	4	0	0.1	0.1	0.83	0.82	0	0	0	0	0	0
1/17/2024 18:56	29402 BELT_T1	36	11	-25	0.56	1.32	0.76	0	0	0	0	0	0	0	0
1/17/2024 18:56	45302 WBER_T2	33	26	-7	0.45	0.49	0.04	0.97	0.95	0	0	0	0	0	0
1/17/2024 18:56	40201 BEGA_T2	11	2	-9	0.42	0	-0.42	0	0	0	0	0	0	0	0
1/17/2024 18:56	65901 SAKR_T2	1	1	0	8.5	8	-0.5	-0.94	-1	1	1	0	900	900	0
1/17/2024 18:56	46302 ROHR_T1	2	3	1	2.25	0.5	-1.75	0.05	0.05	0	0	0	0	0	0
1/17/2024 18:56	40505 CRES_T1	0	0	0	0	0	0	0.54	0.55	0	0	0	0	0	0
1/17/2024 18:57	52101 MEIS_T1	1	1	0	0.7	0.8	0.1	0	0	0	0	0	0	0	0
1/17/2024 18:57	46203 DANV_T2	2	1	-1	0.3	0.5	0.2	-0.69	-0.67	0	0	0	0	0	0
1/17/2024 18:57	47402 PENS_T1	3	3	0	1.3	0	-1.3	0	0	0	0	0	0	0	0
1/17/2024 18:57	60701 BREC_T1	1	6	5	0.9	0	-0.9	-0.23	-0.28	1	1	0	600	600	0
1/17/2024 18:58	43105 SMIL_T2	4	5	1	0.15	0.16	0.01	0	0	0	0	0	0	0	0
1/17/2024 18:58	29401 BELT_T1	5	2	-3	0.14	0.15	0.01	0	0	1	1	0	900	900	0
1/17/2024 18:58	46903 MNTG_T2	0	6	6	0	0.13	0.13	-0.22	-0.19	1	1	0	600	600	0
1/17/2024 18:59	56504 ROCK_T2	1	1	0	0.5	0.4	-0.1	0	0	0	0	0	0	0	0
1/17/2024 18:59	56802 BENV_T2	0	0	0	0	0	0	-1	-0.95	0	0	0	0	0	0
1/17/2024 19:00	24104 EHAZ_T1	17	4	-13	0.14	0.13	-0.01	0	0	0	0	0	0	0	0
1/17/2024 19:00	29401 BELT_T1	2	0	-2	0.15	0	-0.15	0	0	0	0	0	0	0	0
1/17/2024 19:00	40502 CRES_T2	9	13	4	0.24	0.27	0.03	-0.16	-0.18	0	0	0	0	0	0
1/17/2024 19:00	27502 WEIS_T2	0	4	4	0	0	0	-0.76	-0.69	0	0	0	0	0	0
1/17/2024 19:00	42701 AUGU_T1	36	45	9	0.61	0.58	-0.03	0	0	1	1	0	600	600	0
1/17/2024 19:01	46204 DANV_T2	99	89	-10	0.47	0.39	-0.08	0	0	0	0	0	0	0	0
1/17/2024 19:01	44905 SCOT_T1	79	94	15	2.4	2.59	0.19	0	0	0	0	0	0	0	0
1/17/2024 19:01	53601 DALM_T2	1	1	0	0.3	0	-0.3	-0.53	-0.54	1	1	0	600	600	0
1/17/2024 19:02	13503 MCMI_T2	63	110	47	0.56	0.68	0.12	-0.24	-0.27	0	0	0	0	0	0
1/17/2024 19:02	43402 BENT_T1	0	2	2	0	0.1	0.1	-1.4	-1.38	2	2	0	1500	1500	0
1/17/2024 19:02	41902 REED_T1	31	69	38	0.59	0.52	-0.07	0.49	0.54	1	1	0	900	900	0
1/17/2024 19:02	60305 TWVA_T2	0	0	0	0	0	0	0.75	0.77	0	0	0	0	0	0
1/17/2024 19:02	44901 SCOT_T2	0	0	0	0	0	0	-1.1	-0.95	0	0	0	0	0	0
1/17/2024 19:02	56802 BENV_T2	0	0	0	0	0	0	-3	-2.85	0	0	0	0	0	0
1/17/2024 19:02	40502 CRES_T2	9	13	4	0.24	0.27	0.03	-0.16	-0.18	0	0	0	0	0	0
1/17/2024 19:03	44903 SCOT_T1	1	2	1	0.1	0.45	0.35	0	0	0	0	0	0	0	0
1/17/2024 19:03	66503 SMAN_T2	148	123	-25	0.24	0.18	-0.06	0	0	0	0	0	0	0	0
1/17/2024 19:03	46206 DANV_T2	4	13	9	0.78	0.51	-0.27	0	0	0	0	0	0	0	0
1/17/2024 19:03	45501 DERR_T2	8	10	2	0.51	0.5	-0.01	0.7	0.93	2	2	0	1800	1800	0
1/17/2024 19:03	53502 EVIL_T2	0	12	12	0	0.98	0.98	0	0	0	0	0	0	0	0
1/17/2024 19:04	46204 DANV_T2	99	89	-10	0.47	0.39	-0.08	0	0	0	0	0	0	0	0
1/17/2024 19:04	14404 SSLA_T1	0	1	1	0	0	0	0	0	0	0	0	0	0	0
1/17/2024 19:04	40502 CRES_T2	9	13	4	0.24	0.27	0.03	-0.48	-0.54	0	0	0	0	0	0
1/17/2024 19:04	67503 WEWI_T2	0	0	0	0	0	0	0.32	0.31	0	0	0	0	0	0
1/17/2024 19:04	45901 AUBU_T1	0	0	0	0	0	0	1.85	1.83	0	0	0	0	0	0
1/17/2024 19:04	67603 WARW_T1	0	0	0	0	0	0	-0.33	-0.35	0	0	0	0	0	0
1/17/2024 19:04	44601 SALE_T2	0	0	0	0	0	0	0.11	0.09	0	0	0	0	0	0
1/17/2024 19:05	44903 SCOT_T1	1	2	1	0.1	0

1/17/2024 19:12	17802 GILB_T1	1	1	0	0.1	0	-0.1	0.47	0.45	0	0	0	0	0	0
1/17/2024 19:12	46203 DANV_T2	1	1	0	0.5	0.4	-0.1	0	0	0	0	0	0	0	0
1/17/2024 19:12	42902 MIDD_T2	31	48	17	0.7	0.91	0.21	0	0	0	0	0	0	0	0
1/17/2024 19:12	64101 REFR_T1	0	0	0	0	0	0	0.18	0.21	0	0	0	0	0	0
1/17/2024 19:12	40503 CRES_T1	0	2	2	0	0	0	0	0	0	0	0	0	0	0
1/17/2024 19:12	56501 ROCK_T2	239	72	-167	0.29	0.2	-0.09	-1.82	-1.83	0	0	0	0	0	0
1/17/2024 19:12	66701 STRA_T1	1	5	4	0.2	0.68	0.48	0	0	0	0	0	0	0	0
1/17/2024 19:12	40101 HUNT_T2	535	736	201	1.54	1.53	-0.01	-0.72	-0.78	0	0	0	0	0	0
1/17/2024 19:13	56802 BENV_T2	0	0	0	0	0	0	0	-0.95	-1.09	0	0	0	0	0
1/17/2024 19:13	55001 NEWP_T1	5	2	-3	0.32	0	-0.32	0	0	0	0	0	0	0	0
1/17/2024 19:13	47402 PENS_T1	0	3	3	0	0	0	0	0	0	0	0	0	0	0
1/17/2024 19:13	56504 ROCK_T2	1	1	0	0.4	0.4	0	0.04	0.03	0	0	0	0	0	0
1/17/2024 19:13	67402 WAKE_T2	0	0	0	0	0	0	-0.17	-0.21	1	1	0	600	600	0
1/17/2024 19:13	53502 EVIL_T2	0	12	12	0	0.98	0.98	0	0	0	0	0	0	0	0
1/17/2024 19:14	59101 WALK_T2	3	1	-2	0.5	0.1	-0.4	0.75	0.83	2	2	0	1050	1050	0
1/17/2024 19:14	42202 SHEN_T2	1	1	0	0.4	0	-0.4	0	0	0	0	0	0	0	0
1/17/2024 19:14	65001 NEFF_T2	0	0	0	0	0	0	-0.75	-0.75	1	1	0	1200	1200	0
1/17/2024 19:14	60803 BUCK_T1	0	0	0	0	0	0	-1.06	-1.05	1	1	0	600	600	0
1/17/2024 19:14	40502 CRES_T2	9	13	4	0.24	0.27	0.03	-0.36	-0.32	0	0	0	0	0	0
1/17/2024 19:14	64101 REFR_T1	0	0	0	0	0	0	0.18	0.21	0	0	0	0	0	0
1/17/2024 19:14	55001 NEWP_T1	5	2	-3	0.32	0	-0.32	0	0	0	0	0	0	0	0
1/17/2024 19:14	41601 CLEV_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1/17/2024 19:14	57403 SPAN_T1	4	4	0	0.4	0	-0.4	0.32	0.36	0	0	0	0	0	0
1/17/2024 19:14	47402 PENS_T1	0	3	3	0	0	0	0	0	0	0	0	0	0	0
1/17/2024 19:14	41801 GOCI_T2	0	2	2	0	0	0	0	0	0	0	0	0	0	0
1/17/2024 19:15	67605 WARW_T1	0	0	0	0	0	0	-0.78	-0.81	0	0	0	0	0	0
1/17/2024 19:15	54601 SUMM_T2	0	0	0	0	0	0	-1.7	-1.71	2	2	0	2100	2100	0
1/17/2024 19:15	57304 MOAL_T2	7	7	0	0.39	1	0.61	-0.21	-0.22	0	0	0	0	0	0
1/17/2024 19:15	46203 DANV_T2	1	1	0	1.9	0	-1.9	0	0	0	0	0	0	0	0
1/17/2024 19:15	60701 BREC_T1	6	7	1	0.88	0.76	-0.12	-0.28	-0.21	1	1	0	600	600	0
1/17/2024 19:15	67501 WEWI_T1	0	0	0	0	0	0	-0.19	-0.19	0	0	0	0	0	0
1/17/2024 19:15	56802 BENV_T2	0	0	0	0	0	0	-0.95	-1.09	0	0	0	0	0	0
1/17/2024 19:15	65001 NEFF_T2	0	0	0	0	0	0	-0.75	-0.75	1	1	0	1200	1200	0
1/17/2024 19:16	67502 WEWI_T2	0	0	0	0	0	0	-1.18	-1.17	1	1	0	900	900	0
1/17/2024 19:16	20402 ASHF_T2	4	3	-1	0.38	0.55	0.17	0	0	0	0	0	0	0	0
1/17/2024 19:16	52402 GRPA_T2	79	13	-66	0.76	0.99	0.23	0	0	0	0	0	0	0	0
1/17/2024 19:16	60501 NMAN_T2	3	3	0	4.4	4.2	-0.2	0	0	0	0	0	0	0	0
1/17/2024 19:16	53502 EVIL_T2	11	11	0	0.9	0.42	-0.48	0	0	0	0	0	0	0	0
1/17/2024 19:17	56501 ROCK_T2	52	80	28	0.23	0.2	-0.03	-1.82	-1.83	0	0	0	0	0	0
1/17/2024 19:17	67605 WARW_T1	0	0	0	0	0	0	-0.78	-0.81	0	0	0	0	0	0
1/17/2024 19:17	55101 WERT_T1	0	0	0	0	0	0	-1.52	-1.54	2	2	0	1500	1500	0
1/17/2024 19:17	53502 EVIL_T2	11	11	0	0.9	0.42	-0.48	0	0	0	0	0	0	0	0
1/17/2024 19:17	67602 WARW_T2	0	0	0	0	0	0	0.7	0.66	0	0	0	0	0	0
1/17/2024 19:17	58302 NOTT_T1	0	0	0	0	0	0	-0.42	-0.32	1	1	0	1200	1200	0
1/17/2024 19:18	42202 SHEN_T2	1	0	-1	0.2	0	-0.2	0	0	0	0	0	0	0	0
1/17/2024 19:18	40901 IESH_T1	1	1	0	0.4	0.3	-0.1	0	0	0	0	0	0	0	0
1/17/2024 19:18	52403 GRPA_T2	151	153	2	0.79	0.76	-0.03	0.27	0.23	0	0	0	0	0	0
1/17/2024 19:18	55002 NEWP_T1	0	0	0	0	0	0	-0.1	-0.12	0	0	0	0	0	0
1/17/2024 19:18	46206 DANV_T2	8	15	7	0.78	0.78	0	0	0	0	0	0	0	0	0
1/17/2024 19:18	56802 BENV_T2	0	0	0	0	0	0	-0.95	-1.09	0	0	0	0	0	0
1/17/2024 19:18	45702 LIND_T2	1	1	0	0.1	0.2	0.1	-0.31	-0.29	0	0	0	0	0	0
1/17/2024 19:18	40502 CRES_T2	11	15	4	0.29	0.49	0.2	-0.18	-0.16	0	0	0	0	0	0
1/17/2024 19:18	67901 WNHO_T2	4	43	39	0.2	0.21	0.01	-0.4	-0.4	0	0	0	0	0	0
1/17/2024 19:18	56504 ROCK_T2	1	2	1	0.4	1	0.6	0	0	0	0	0	0	0	0
1/17/2024 19:18	46903 MNTG_T2	6	12	6	0.13	0.13	0	-0.19	-0.21	1	1	0	600	600	0
1/17/2024 19:19	56802 BENV_T2	0	0	0	0	0	0	-0.95	-1.09	0	0	0	0	0	0
1/17/2024 19:19	46206 DANV_T2	8	15	7	0.78	0.78	0	0	0	0	0	0	0	0	0
1/17/2024 19:19	43402 BENT_T1	1	3	2	0.1	0.1	0	-1.38	-1.39	2	2	0	1500	1500	0
1/17/2024 19:19	59101 WALK_T2	1	1	0	0.1	0.3	0.2	1.5	1.66	4	4	0	2100	2100	0
1/17/2024 19:19	53903 HALI_T2	2	2	0	0.8	0.95	0.15	0	0	0	0	0	0	0	0
1/17/2024 19:19	64101 REFR_T1	0	0	0	0	0	0	0.18	0.21	0	0	0	0	0	0
1/17/2024 19:20	46903 MNTG_T2	6	12	6	0.13	0.13	0	-0.19	-0.21	1	1	0	600	600	0
1/17/2024 19:20	40101 HUNT_T2	568	722	154	1.55	1.28	-0.27	-0.72	-0.78	0	0	0	0	0	0
1/17/2024 19:20	54601 SUMM_T2	0	0	0	0	0	0	-1.7	-1.71	2	2	0	2100	2100	0
1/17/2024 19:20	67203 TEHI_T1	0	1	1	0	0	0	2.36	2.42	1	1	0	600	600	0
1/17/2024 19:20	14401 SSLA_T1	3	14	11	3.53	0.4	-3.13	0	0	0	0	0	0	0	0
1/17/2024 19:20	45802 HEGI_T2	0	1	1	0	0	0	0.67	0.57	0	0	0	0	0	0
1/17/2024 19:20	40603 PIGR_T1	0	10	10	0	0.64	0.64	0.51	0.51	0	0	0	0	0	0
1/17/2024 19:21	42701 AUGU_T1	45	35	-10	0.67	0.52	-0.15	0	0	1	1	0	600	600	0
1/17/2024 19:21	54001 SOLE_T1	1	1	0	0.8	0.9	0.1	0	0	0	0	0	0	0	0
1/17/2024 19:21	61801 EEU_T2	0	1	1	0	0	0	-1.48	-1.52	2	2	0	1200	1200	0
1/17/2024 19:21	52501 PROG_T1	0	0	0	0	0	0	0.53	0.56	1	1	0	300	300	0
1/17/2024 19:21	58401 MORO_T1	1	1	0	0.3	1.4	1.1	-0.72	-1.28	2	2	0	1200	1200	0
1/17/2024 19:22	57304 MOAL_T2	7	7	0	0.39	1	0.61	-0.21	-0.22	0	0	0	0	0	0
1/17/2024 19:22	52403 GRPA_T2	151	153	2	0.79	0.76	-0.03	0.27	0.23	0	0	0	0	0	0
1/17/2024 19:22	64101 REFR_T1	0	0	0	0	0	0	0.18	0.21	0	0	0	0	0	0
1/17/2024 19:22	53903 HALI_T2	1	3	2	0.6	0.1	-0.5	1.31	1.3	0	0	0	0	0	0
1/17/2024 19:22	40502 CRES_T2	11	15	4	0.29	0.49	0.2	-0.36	-0.32	0	0	0	0	0	0
1/17/2024 19:22	56802 BENV_T2	0	0	0	0	0	0	-0.95	-1.09	0	0	0	0	0	0
1/17/2024 19:23	60604 NCOL_T2	0	0	0	0	0	0	0.38	0.29	0	0	0	0	0	0
1/17/2024 19:23	61801 EEU_T2	0	1	1	0	0	0	-0.74	-0.76	1	1	0	600	600	0
1/17/2024 19:23	65901 SAKR_T2	1	1	0	7.9	8.4	0.5	0	0	0	0	0	0	0	0
1/17/2024 19:23	49804 UNIV_T1	10	15	5	0.86	0.81	-0.05	0	0	0	0	0	0	0	0
1/17/2024 19:24	60602 NCOL_T2	2	8	6	1.25	0.83	-0.42	0	0	0	0	0	0	0	0
1/17/2024 19:24	44901 SCOT_T2	0	0	0	0	0	0	-0.93	-0.92	0	0	0	0	0	0
1/17/2024 19:25	65901 SAKR_T2	1	1	0	7.9	8.4	0.5	0	0	0	0	0	0	0	0
1/17/2024 19:25	55101 WERT_T1	0	0	0	0	0	0	-1.54	-1.55	2	2	0	1500	1500	0
1/17/2024 19:27	52401 GRPA_T2	75	71	-4	0.94	0.49	-0.45	0	0	0	0	0	0	0	0
1/17/2024 19:27	54601 SUMM_T2	0	0	0	0	0	0	-1.71	-1.68	2	2	0	2100	2100	0
1/17/2024 19:28	56801 BENV_T1	13	36	23	0.62	0.53	-0.09	-0.92	-0.94	2	2	0	1200	1200	0
1/17/2024 19:36	16302 ALPA_T2	7	3	-4	0.57	0	-0.57	-0.51	-0.49	0	0	0	0	0	0
1/17/2024 19:41	65001 NEFF_T2	0	0	0	0	0	0	-0.74	-0.73	1	1	0	1200	1200	0
1/17/2024 19:57	65001 NEFF_T2	0	0	0	0	0	0	-0.73	-0.81	1	1	0	1200	1200	0
1/17/2024 20:48	17802 GILB_T1	0	2	2	0	0	0	0.39	0.37	0	0	0	0	0	0
1/17/2024 21:10	65001 NEFF_T2	0	4	4	0	0.1	0.1	-0.84	-0.77	1	1	0	1200	1200	0
1/17/2024 21:35	54502 ENOL_T2	4	4	0	0.85	0.13	-0.72	-1.11	-1.11	1	1	0	600	600	0
1/17/2024 21:37	67201 TEHI_T1	0	0	0	0	0	0	-0.56	-0.67	1	1	0	600	600	0
1/17/2024 23:05	65001 NEFF_T2	0	0	0	0	0	0	-0.95	-1	1	1	0	1200	1200	0
1/17/2024 23:11	65001 NEFF_T2	0	0	0	0	0	0	-1	-1.01	1	1	0	1200	1200	0
1/17/2024 23:27	65001 NEFF_T2	0	0	0	0	0	0	-1.01	-1.06	1	1	0	1200	1200	0
1/18/2024 0:19	65001 NEFF_T2	0	0	0	0	0	0	-1.14	-1.09	1	1	0	1200	1200	0
1/18/2024 0:56	65001 NEFF_T2	0	0	0	0	0	0	-1.1	-1.12	1	1	0	1200	1200	0
1/18/2024 1:14	59202 THOM_T1	0	1	1	0	0.4	0.4	0	0	0	0	0	0	0	0
1/18/2024 1:28	43108 SMIL_T2	1	1	0	0.5	0.5	0	0	0	0	0	0	0	0	0
1/18/2024 1:29	43104 SMIL_T2	1	1	0	0	0	0	0	0	0	0	0	0	0	0
1/18/2024 2:25	65604 QVIL_T2	0	0	0	0	0	0	-0.26	-0.32	0	0	0	0	0	0
1/18/2024 2:38	46903 MNTG_T2	0	0	0	0	0	0	-0.17	-0.14	1	1	0	600	600	0
1/18/2024 2:49	56504 ROCK_T2	1	2	1	0.8	0.75	-0.05	0	0	0	0	0	0	0	0
1/18/2024 2:51	65001 NEFF_T2	0	0	0	0	0	0	-1.1	-1.1	1	1	0	1200	1200	0
1/18/2024 3:00	26401 INOR_T1	0	0	0	0	0	0	0.49	0.47	0	0	0	0	0	0
1/18/2024 3:04	28704 HAML_T2	10	1	-9	0.19	0.4	0.21	-0.64	-0.64	0	0	0	0	0	0
1/18/2024 3:08	22805 HAUT_T2	187	192	5	1.2	1.34	0.14	-1.33	-1.34	1	1	0	1200	1200	0
1/18/2024 3:16	25603 ARRO_T1	0	0	0	0	0	0	-0.43	-0.43	0	0	0	0	0	0
1/18/2024 3:39	46206 DANV_T2	5	7	2	0.64	0.6	-0.04	2.72	2.77	1	1	0	1200	1200	0
1/18/2024 3:44	65002 NEFF_T2	0	1	1	0	0	0	0	0	0	0	0	0	0	0
1/18/2024 3:46	25602 ARRO_T1	0	1	1	0	0	0	0	0	0	0	0	0	0	0
1/18/2024 3:55	65002 NEFF_T2	1	0	-1	0.1	0	-0.1	0	0	0	0	0	0	0	0
1/18/2024 4:22	44904 SCOT_T1	2	0	-2	0.1	0	-0.1	0	0	0	0	0	0	0	0
1/18/2024 4:29	43201 MVIL_T2	1	2	1	0.7	0.2	-0.5	0	0	0	0	0	0	0	0
1/18/2024 4:30	44903 SCOT_T1	2	4	2	0.7	0.55	-0.15	-0.02	-0.02	0	0	0	0	0	0
1/18/2024 4:37	65001 NEFF_T2	0	0	0	0	0	0	-1.05	-1.08	1	1	0	1200	1200	0
1/18/2024 5:03	43104 SMIL_T2	1	4	3	0	0	0	-0.6	-0.59	1	1	0	300	300	0
1/18/2024 5:03	53903 HALI_T2	2	2	0	0.3	0.35	0.05	0	0	0	0	0	0	0	0
1/18/2024 5:04	46204 DANV_T2	117	125	8	1.48	1.7	0.22	0	0	0	0	0	0	0	0
1/18/2024 5:04	63404 HONY_T1	2	2	0	6.4	6.35	-0.05	0	0	0	0	0	0	0	0
1/18/2024 5:19	65001 NEFF_T2	0	0	0	0	0	0	-0.89	-0.98	1	1	0	1200	1200	0
1/18/2024 5:40	65002 NEFF_T2	1	1	0	0.3	0	-0.3	0	0	0	0	0	0	0	0
1/18/2024 6:27	65001 NEFF_T2	0	0	0	0	0	0	-0.69	-0.64	1	1	0	1200	1200	0
1/18/2024 7:30	65001 NEFF_T2	0	0	0	0	0	0	-0.4	-0.49	1	1	0	1200	1200	0
1/18/2024 7:54	56801 BENV_T1	14	20	6	0.66	0.64	-0.02	-0.91	-0.95	2	2	0	1200	1200	0
1/18/2024 7:56	44903 SCOT_T1	73	113	40	0.35	0.42	0.07	-0.01	-0.01	0	0	0	0	0	0
1/18/2024 7:57	23901 EFMO_T2	9	14	5	0.72	0.73	0.01	-0.66	-0.65	0	0	0	0	0	0
1/18/2024 7:57	46203 DANV_T2	1	6	5	0.4	0	-0.4	0	0	0	0	0	0	0	0
1/18/2024 7:58	45501 DERR_T2	18	21	3	0.5	0.43	-0.07	1.14	1.14	2	2	0	1800	1800	0
1/18/2024 7:58	61303 EARL_T1	0	0	0	0	0	0	0.69	0.76	0	0	0	0	0	0
1/18/2024 7:59	61303 EARL_T1	0	0	0	0	0	0	0.69	0.76	0	0	0	0	0	0
1/18/2024 8:01	46903 MNTG_T2	0	0	0	0	0	0	0.28	0.25	1	1	0	600	600	0
1/18/2024 8:01	46901 MNTG_T2	0	0	0	0	0	0	2.06	2.07	0	0	0	0	0	0
1/18/2024 8:02	15604 NSTR_T1	102	85	-17	0.71	0.67	-0.04	-0.25	-0.23	0	0	0	0	0	0
1/18/2024 8:03	15604 NSTR_T1	102	85	-17	0.71	0.67	-0.04	-0.25	-0.23	0	0	0	0	0	0
1/18/2024 8:03	43101 SMIL_T2	3	3	0	2.8	2.27	-0.53	0	0	0	0	0	0	0	0
1/18/2024 8:04	41902 REED_T1	17	63	46	0.77	0.65	-0.12	0	0	0	0	0	0	0	0
1/18/2024 8:05	43104 SMIL_T2	1	1	0	0	0	0	-0.54	-0.51	1	1	0	300	300	0
1/18/2024 8:07	65001 NEFF_T2	0	0	0	0	0	0	-0.49	-0.45	1	1	0	1200	1200	0
1/18/2024 8:08	43101 SMIL_T2	3	3	0	2.8	2.27	-0.53	0	0	0	0	0	0	0	0
1/18/2024 8:08	46206 DANV_T2	43	6	-37	0.66	0.66	0	2.99	2.9	1	1	0	1200	1200	0
1/18/2024 8:08	25603 ARRO_T1	0	0	0	0	0	0	-0.42	-0.42	0	0	0	0	0	0
1/18/2024 8:09	42701 AUGU_T1	56	54	-2	1.02	0.63	-0.39	0	0	1	1	0	600	600	0
1/18/2024 8:09	46206 DANV_T2	43	6	-37	0.66	0.66	0	0	0	0	0	0	0	0	0
1/18/2024 8:09	43108 SMIL_T2	1	2	1	0.7	0.8	0.1	0	0	0	0	0	0	0	0
1/18/2024 8:10	46203 DANV_T2	6	0	-6	0.25	0	-0.25	-3	-1.44	0	0	0	0	0	0
1/18/2024 8:10	44904 SCOT_T1	2	0	-2	0.2	0	-0.2	0	0	0	0	0	0	0	0
1/18/2024 8:10	44902 SCOT_T2	0	1	1	0	0	0	0	0	0	0	0	0	0	0
1/18/2024 8:11	46204 DANV_T2	125	118	-7	2.46	0.82	-1.64	0	0	0	0	0	0	0	0
1/18/2024 8:12	11101 EGYP_T1	0	1	1	0	0	0	0	0	0	0	0	0	0	0
1/18/2024 8:12	46206 DANV_T2	43	6	-37	0.66	0.66	0	0	0	0	0	0	0	0	0
1/18/2024 8:13	53903 HALI_T2	0	2	2	0	1	1	0	0	0	0	0	0	0	0
1/18/2024 8:13	46203 DANV_T2	6	0	-6	0.25	0	-0.25	0	0	0	0	0	0	0	0
1/18/2024 8:13	44903 SCOT_T1	108	97	-11	0.54	0.48	-0.06	-0.03	0	0	0	0	0	0	0
1/18/2024 8:14	53903 HALI_T2	0	2	2	0	1	1	0	0	0	0	0	0	0	0
1/18/2024 8:14	17802 GILB_T1	4	3	-1	0.35	0.3	-0.05	0.36	0.36	0	0	0	0	0	0
1/18/2024 8:18	41901 REED_T1	16	126	110	0.51	0.47	-0.04	0	0	0	0	0	0	0	0
1/18/2024 8:18	15604 NSTR_T1	83	85	2	0.66	0.63	-0.03	-0.23	-0.21	0	0	0	0	0	0
1/18/2024 8:19	15604 NSTR_T1	83	85	2	0.66	0.63	-0.03	-0.23	-0.21	0	0	0	0	0	0
1/18/2024 8:20	49804 UNIV_T1	8	4	-4	0.45	0.58	0.13	0	0	0	0	0	0	0	0
1/18/2024 8:20	41902 REED_T1	52	98	46	0.73	0.68	-0.05	0.56	0.6	1	1	0	900	900	0
1/18/2024 8:21	43101 SMIL_T2	3	3	0	2.33	3.1	0.77	0	0	0	0	0	0	0	0
1/18/2024 8:22	43104 SMIL_T2	1	1	0	0	0	0	0	0	0	0	0	0	0	0
1/18/2024 8:22	41901 REED_T1	16	126	110	0.51	0.47	-0.04	0	0	0	0	0	0	0	0
1/18/2024 8:23	65001 NEFF_T2	0	0	0	0	0	0	-0.45	-0.37	1	1	0	1200	1200	0
1/18/2024 8:23	43108 SMIL_T2	2	2	0	0.8	0.8	0	0.26	0.26	0	0	0	0	0	0
1/18/2024 8:24	25603 ARRO_T1	0	0	0	0	0	0	-0.42	-0.42	0	0	0	0	0	0
1/18/2024 8:26	45501 DERR_T2	5	8	3	0.54	0.5	-0.04	1.03	1.04	2	2	0	1800	1800	0
1/18/2024 8:29	64305 LINC_T1	0	2	2	0	0	0	0	0	0	0	0	0	0	0
1/18/2024 8:31	44701 MUNC_T2	3	16	13	0.37	0.52	0.15	-1.84	-1.73	0	0	0	0	0	0
1/18/2024 8:34	40101 HUNT_T2	471	503	32	1.11	1.39	0.28	-0.79	-0.82	0	0	0	0	0	0
1/18/2024 8:36	55002 NEWP_T1	0	0	0	0	0	0	-0.08	-0.11	0	0	0	0	0	0
1/18/2024 8:36	24101 EHAZ_T1	80	108	28

1/18/2024 9:06	25603 ARRO_T1	5	5	0	0.16	0.16	0	-0.82	-0.84	0	0	0	0	0	0
1/18/2024 9:07	56801 BENV_T1	5	29	24	0.14	0.42	0.28	-0.92	-0.95	2	2	0	1200	1200	0
1/18/2024 9:07	42701 AUGU_T1	47	34	-13	0.49	0.39	-0.1	0	0	1	1	0	600	600	0
1/18/2024 9:07	67503 WEWI_T2	0	0	0	0	0	0	0.33	0.33	0	0	0	0	0	0
1/18/2024 9:07	67804 WLAN_T1	0	0	0	0	0	0	-2.73	-2.67	0	0	0	0	0	0
1/18/2024 9:07	55002 NEWP_T1	0	3	3	0	0.23	0.23	-0.09	-0.07	0	0	0	0	0	0
1/18/2024 9:08	67804 WLAN_T1	0	0	0	0	0	0	-0.91	-0.89	0	0	0	0	0	0
1/18/2024 9:08	56801 BENV_T1	5	29	24	0.14	0.42	0.28	-1.84	-1.9	4	4	0	2400	2400	0
1/18/2024 9:09	60201 ATGL_T2	0	0	0	0	0	0	-0.58	-0.65	1	1	0	600	600	0
1/18/2024 9:09	44904 SCOT_T1	1	1	0	0.8	0.7	-0.1	0	0	0	0	0	0	0	0
1/18/2024 9:09	67804 WLAN_T1	0	0	0	0	0	0	-0.89	-0.9	0	0	0	0	0	0
1/18/2024 9:10	56801 BENV_T1	5	29	24	0.14	0.42	0.28	-4.75	-4.89	10	10	0	6000	6000	0
1/18/2024 9:10	40502 CRES_T2	10	12	2	0.34	0.19	-0.15	-0.13	-0.1	0	0	0	0	0	0
1/18/2024 9:10	44905 SCOT_T1	97	105	8	2.08	1.65	-0.43	0	0	0	0	0	0	0	0
1/18/2024 9:11	56802 BENV_T2	0	0	0	0	0	0	-1.09	-1.11	0	0	0	0	0	0
1/18/2024 9:11	44905 SCOT_T1	97	105	8	2.08	1.65	-0.43	0	0	0	0	0	0	0	0
1/18/2024 9:11	67804 WLAN_T1	0	0	0	0	0	0	-1.78	-1.8	0	0	0	0	0	0
1/18/2024 9:11	46206 DANV_T2	13	30	17	0.71	0.76	0.05	8.57	8.33	3	3	0	3600	3600	0
1/18/2024 9:11	45502 DERR_T2	1	3	2	0.4	0.2	-0.2	0	0	0	0	0	0	0	0
1/18/2024 9:12	40502 CRES_T2	10	12	2	0.34	0.19	-0.15	-0.13	-0.1	0	0	0	0	0	0
1/18/2024 9:13	44903 SCOT_T1	89	120	31	0.9	0.62	0.03	0	-0.02	0	0	0	0	0	0
1/18/2024 9:13	44901 SCOT_T2	0	0	0	0	0	0	-0.71	-0.74	0	0	0	0	0	0
1/18/2024 9:14	20603 GRWO_T2	20	21	1	4.54	4.51	-0.03	0	0	0	0	0	0	0	0
1/18/2024 9:15	53901 HAU_T2	2	57	55	0.1	0.3	0.2	-1.31	-1.34	0	0	0	0	0	0
1/18/2024 9:16	20601 GRWO_T2	5	7	2	0.84	1.52	0.68	0.1	0.09	0	0	0	0	0	0
1/18/2024 9:17	52102 MEIS_T1	0	68	68	0	0.21	0.21	0	0	1	1	0	450	450	0
1/18/2024 9:17	53903 HAU_T2	2	2	0	1.05	1.4	0.35	0	0	0	0	0	0	0	0
1/18/2024 9:18	47802 MOCA_T2	0	0	0	0	0	0	-0.95	-0.95	0	0	0	0	0	0
1/18/2024 9:18	47401 PENS_T1	1	0	-1	0.1	0	-0.1	-0.16	-0.2	0	0	0	0	0	0
1/18/2024 9:19	47401 PENS_T1	1	0	-1	0.1	0	-0.1	-0.16	-0.2	0	0	0	0	0	0
1/18/2024 9:19	43108 SMIL_T2	3	2	-1	0.4	0.6	0.2	0.27	0.26	0	0	0	0	0	0
1/18/2024 9:20	43108 SMIL_T2	3	2	-1	0.4	0.6	0.2	0.27	0.26	0	0	0	0	0	0
1/18/2024 9:21	43101 SMIL_T2	2	1	-1	2.45	3.9	1.45	0	0	0	0	0	0	0	0
1/18/2024 9:22	44302 BEAV_T2	0	3	3	0	0	0	0	0	0	0	0	0	0	0
1/18/2024 9:22	49803 UNIV_T1	10	8	-2	0.4	0.11	-0.29	-0.7	-0.76	0	0	0	0	0	0
1/18/2024 9:22	29402 BELT_T1	10	2	-8	0.92	5.8	4.88	0	0	0	0	0	0	0	0
1/18/2024 9:23	49804 UNIV_T1	2	1	-1	0.95	1.1	0.15	0	0	0	0	0	0	0	0
1/18/2024 9:24	43108 SMIL_T2	3	2	-1	0.4	0.6	0.2	0	0	0	0	0	0	0	0
1/18/2024 9:25	46204 DANV_T2	118	129	11	1.32	1.57	0.25	0	0	0	0	0	0	0	0
1/18/2024 9:26	41801 GOCI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1/18/2024 9:26	44302 BEAV_T2	0	3	3	0	0	0	0	0	0	0	0	0	0	0
1/18/2024 9:26	10801 CHHI_T1	0	1	1	0	0.1	0.1	-0.85	-0.88	2	2	0	1500	1500	0
1/18/2024 9:26	46204 DANV_T2	118	129	11	1.32	1.57	0.25	0	0	0	0	0	0	0	0
1/18/2024 9:27	46203 DANV_T2	0	0	0	0	0	0	-0.76	-0.81	0	0	0	0	0	0
1/18/2024 9:28	11104 EGYP_T1	0	1	1	0	0	0	-0.44	-0.42	0	0	0	0	0	0
1/18/2024 9:30	46901 MNTG_T2	0	0	0	0	0	0	2.09	1.92	0	0	0	0	0	0
1/18/2024 9:31	43202 MVIL_T2	0	0	0	0	0	0	-0.92	-0.88	0	0	0	0	0	0
1/18/2024 9:31	55002 NEWP_T1	3	6	3	0.23	0.32	0.09	0	0	0	0	0	0	0	0
1/18/2024 9:31	44703 MUNC_T2	1	1	0	0.2	0	-0.2	0	0	0	0	0	0	0	0
1/18/2024 9:32	52102 MEIS_T1	0	69	69	0	0.21	0.21	0	0	1	1	0	450	450	0
1/18/2024 9:32	46903 MNTG_T2	0	0	0	0	0	0	0.55	0.89	2	2	0	1200	1200	0
1/18/2024 9:32	15604 NSTR_T1	97	72	-25	0.65	0.53	-0.12	-0.27	-0.24	0	0	0	0	0	0
1/18/2024 9:33	15604 NSTR_T1	97	72	-25	0.65	0.53	-0.12	-0.27	-0.24	0	0	0	0	0	0
1/18/2024 9:33	52102 MEIS_T1	0	69	69	0	0.21	0.21	0	0	2	2	0	900	900	0
1/18/2024 9:33	46903 MNTG_T2	0	0	0	0	0	0	0.55	0.89	2	2	0	1200	1200	0
1/18/2024 9:34	46903 MNTG_T2	0	0	0	0	0	0	0.28	0.45	1	1	0	600	600	0
1/18/2024 9:34	52102 MEIS_T1	0	69	69	0	0.21	0.21	0	0	1	1	0	450	450	0
1/18/2024 9:34	44701 MUNC_T2	3	3	0	0.13	0	-0.13	-0.96	-0.97	0	0	0	0	0	0
1/18/2024 9:40	40201 BEGA_T2	1	2	1	0.4	0.15	-0.25	0	0	0	0	0	0	0	0
1/18/2024 9:40	65604 QVIL_T2	0	0	0	0	0	0	-0.14	-0.2	0	0	0	0	0	0
1/18/2024 9:41	53901 HAU_T2	51	49	-2	0.32	0.25	-0.07	0	0	0	0	0	0	0	0
1/18/2024 9:41	45501 DERR_T2	5	6	1	0.8	0.18	-0.62	1.11	1.04	2	2	0	1800	1800	0
1/18/2024 9:42	45501 DERR_T2	5	6	1	0.8	0.18	-0.62	1.11	1.04	2	2	0	1800	1800	0
1/18/2024 9:43	53903 HAU_T2	2	2	0	1.4	1	-0.4	-0.21	-0.24	0	0	0	0	0	0
1/18/2024 9:44	53901 HAU_T2	51	49	-2	0.32	0.25	-0.07	0	0	0	0	0	0	0	0
1/18/2024 9:45	52002 LING_T2	0	0	0	0	0	0	0.19	0.17	0	0	0	0	0	0
1/18/2024 9:47	55001 NEWP_T1	1	0	-1	0.2	0	-0.2	0	0	0	0	0	0	0	0
1/18/2024 9:48	52006 LING_T2	17	0	-17	0.48	0	-0.48	0	0	0	0	0	0	0	0
1/18/2024 9:48	60501 NMAN_T2	3	3	0	3.47	3.83	0.36	0	0	0	0	0	0	0	0
1/18/2024 9:48	54205 PENN_T1	21	34	13	0.2	0.16	-0.04	0	0	0	0	0	0	0	0
1/18/2024 9:48	55002 NEWP_T1	5	6	1	0.28	0.35	0.07	-0.11	-0.1	0	0	0	0	0	0
1/18/2024 9:49	52002 LING_T2	0	0	0	0	0	0	0.19	0.17	0	0	0	0	0	0
1/18/2024 9:49	55002 NEWP_T1	5	6	1	0.28	0.35	0.07	-0.11	-0.1	0	0	0	0	0	0
1/18/2024 9:49	56501 ROCK_T2	194	309	115	0.25	0.35	0.1	-3.88	-3.83	0	0	0	0	0	0
1/18/2024 9:50	54201 PENN_T1	224	263	39	0.53	0.52	-0.01	-1.21	-1.22	0	0	0	0	0	0
1/18/2024 9:50	65901 SAKR_T2	1	1	0	8.1	8.3	0.2	-0.67	-0.84	1	1	0	900	900	0
1/18/2024 9:51	56504 ROCK_T2	1	1	0	0.1	0.3	0.2	0	0	0	0	0	0	0	0
1/18/2024 9:51	66503 SMAN_T2	137	160	23	0.17	0.2	0.03	0	0	0	0	0	0	0	0
1/18/2024 9:52	29402 BELT_T1	1	5	4	5.8	3.15	-2.65	0	0	0	0	0	0	0	0
1/18/2024 9:52	56501 ROCK_T2	194	309	115	0.25	0.35	0.1	-5.83	-5.74	0	0	0	0	0	0
1/18/2024 9:52	20402 ASHF_T2	1	1	0	0.2	0	-0.2	0	0	0	0	0	0	0	0
1/18/2024 9:53	65901 SAKR_T2	1	1	0	8.1	8.3	0.2	-0.67	-0.84	1	1	0	900	900	0
1/18/2024 9:53	53601 DALM_T2	1	9	8	0.3	0	-0.3	-0.68	-0.53	1	1	0	600	600	0
1/18/2024 9:53	42701 AUGU_T1	16	10	-6	0.41	0.39	-0.02	0	0	1	1	0	600	600	0
1/18/2024 9:53	46204 DANV_T2	129	122	-7	1.87	0.65	-1.22	0	0	0	0	0	0	0	0
1/18/2024 9:54	56801 BENV_T1	16	0	-16	0.58	0	-0.58	-0.37	-0.39	1	1	0	600	600	0
1/18/2024 9:54	67503 WEWI_T2	0	0	0	0	0	0	0.58	0.65	0	0	0	0	0	0
1/18/2024 9:54	66504 SMAN_T2	0	0	0	0	0	0	-1.62	-1.61	2	2	0	2400	2400	0
1/18/2024 9:54	67502 WEWI_T2	0	0	0	0	0	0	-0.97	-0.94	1	1	0	900	900	0
1/18/2024 9:54	29402 BELT_T1	1	5	4	5.8	3.15	-2.65	0	0	0	0	0	0	0	0
1/18/2024 9:55	42701 AUGU_T1	16	10	-6	0.41	0.39	-0.02	0	0	1	1	0	600	600	0
1/18/2024 9:57	11102 EGYP_T1	2	0	-2	0.15	0	-0.15	0	0	0	0	0	0	0	0
1/18/2024 9:57	46206 DANV_T2	18	23	5	0.89	0.49	-0.4	2.74	2.75	1	1	0	1200	1200	0
1/18/2024 9:58	46801 HERI_T2	14	0	-14	0.37	0.38	0.01	-0.17	-0.22	0	0	0	0	0	0
1/18/2024 9:58	17802 GILB_T1	2	1	-1	0.65	0	-0.65	1.08	0.97	0	0	0	0	0	0
1/18/2024 9:58	46204 DANV_T2	129	122	-7	1.87	0.65	-1.22	0	0	0	0	0	0	0	0
1/18/2024 9:58	45802 HEGI_T2	0	0	0	0	0	0	-0.3	-0.6	4	4	0	2400	2400	0
1/18/2024 9:59	17802 GILB_T1	2	1	-1	0.65	0	-0.65	0.36	0.32	0	0	0	0	0	0
1/18/2024 10:00	11804 FRAN_T1	43	10	-33	0.41	0.22	-0.19	1.28	1.23	0	0	0	0	0	0
1/18/2024 10:01	53901 HAU_T2	7	28	21	0.11	0.19	0.08	0	0	0	0	0	0	0	0
1/18/2024 10:02	57304 MOAL_T2	1	1	0	0.2	0.2	0	-1.01	-1.06	0	0	0	0	0	0
1/18/2024 10:03	64101 REFR_T1	0	0	0	0	0	0	0.26	0.26	0	0	0	0	0	0
1/18/2024 10:03	46903 MNTG_T2	0	0	0	0	0	0	0.32	0.35	1	1	0	600	600	0
1/18/2024 10:03	55002 NEWP_T1	6	5	-1	0.32	0.36	0.04	-0.2	-0.18	0	0	0	0	0	0
1/18/2024 10:03	53502 EVIL_T2	21	18	-3	2.17	1.76	-0.41	0	0	0	0	0	0	0	0
1/18/2024 10:04	53501 EVIL_T2	2	2	0	0.75	0.45	-0.3	-4.29	-4.37	8	8	0	5400	5400	0
1/18/2024 10:04	44201 POIN_T1	0	0	0	0	0	0	-0.03	-0.04	2	2	0	1800	1800	0
1/18/2024 10:04	64101 REFR_T1	0	0	0	0	0	0	0.13	0.13	0	0	0	0	0	0
1/18/2024 10:04	67204 TEHI_T2	0	0	0	0	0	0	0.16	0.17	0	0	0	0	0	0
1/18/2024 10:04	55002 NEWP_T1	6	5	-1	0.32	0.36	0.04	-0.1	-0.09	0	0	0	0	0	0
1/18/2024 10:04	14402 SSLA_T1	0	1	1	0	0	0	0	0	0	0	0	0	0	0
1/18/2024 10:04	46301 ROHR_T1	1	2	1	3.4	0.9	-2.5	0	0	0	0	0	0	0	0
1/18/2024 10:04	46903 MNTG_T2	0	0	0	0	0	0	0.32	0.35	1	1	0	600	600	0
1/18/2024 10:05	54205 PENN_T1	19	51	32	0.18	0.24	0.06	0	0	0	0	0	0	0	0
1/18/2024 10:05	64101 REFR_T1	0	0	0	0	0	0	0.13	0.13	0	0	0	0	0	0
1/18/2024 10:05	55002 NEWP_T1	6	5	-1	0.32	0.36	0.04	-0.2	-0.18	0	0	0	0	0	0
1/18/2024 10:06	53501 EVIL_T2	2	2	0	0.75	0.45	-0.3	-2.15	-2.19	4	4	0	2700	2700	0
1/18/2024 10:06	56501 ROCK_T2	274	350	76	0.33	0.42	0.09	0	0	0	0	0	0	0	0
1/18/2024 10:06	46301 ROHR_T1	1	2	1	3.4	0.9	-2.5	0	0	0	0	0	0	0	0
1/18/2024 10:06	40603 PIGR_T1	3	1	-2	1.23	0	-1.23	0.47	0.5	0	0	0	0	0	0
1/18/2024 10:07	64101 REFR_T1	0	0	0	0	0	0	0.26	0.26	0	0	0	0	0	0
1/18/2024 10:08	45902 AUBU_T1	17	15	-2	1.18	1.37	0.19	-0.1	0.03	1	1	0	600	600	0
1/18/2024 10:08	56501 ROCK_T2	274	350	76	0.33	0.42	0.09	0	0	0	0	0	0	0	0
1/18/2024 10:08	64101 REFR_T1	0	0	0	0	0	0	0.13	0.13	0	0	0	0	0	0
1/18/2024 10:08	56801 BENV_T1	0	2	2	0	0	0	-0.37	-0.39	1	1	0	600	600	0
1/18/2024 10:08	56802 BENV_T2	0	0	0	0	0	0	-1.11	-1.13	0	0	0	0	0	0
1/18/2024 10:08	67203 TEHI_T1	34	40	6	0.61	0.57	-0.04	0	0	0	0	0	0	0	0
1/18/2024 10:08	67402 WAKE_T2	0	0	0	0	0	0	-0.17	-0.24	1	1	0	600	600	0
1/18/2024 10:09	67201 TEHI_T1	10	23	13	0.38	0.41	0.03	0	0	0	0	0	0	0	0
1/18/2024 10:09	67204 TEHI_T2	0	0	0	0	0	0	0.17	0.18	0	0	0	0	0	0
1/18/2024 10:09	56802 BENV_T2	0	0	0	0	0	0	-2.26	-2.22	0	0	0	0	0	0
1/18/2024 10:09	44302 BEAV_T2	3	3	0	0.3	0	-0.3	0	0	0	0	0	0	0	0
1/18/2024 10:09	56801 BENV_T1	0	2	2	0	0	0	-0.39	-0.38	1	1	0	600	600	0
1/18/2024 10:09	67402 WAKE_T2	0	0	0	0	0	0	-0.24	-0.22	1	1	0	600	600	0
1/18/2024 10:10	62604 ENGL_T1	0	0	0	0	0	0	-0.29	-0.33	1	1	0	600	600	0
1/18/2024 10:10	56802 BENV_T2	0	0	0	0	0	0	-1.13	-1.11	0	0	0	0	0	0
1/18/2024 10:10	46206 DANV_T2	21	16	-5	0.9	0.61	-0.29	0	0	0	0	0	0	0	0
1/18/2024 10:10	40502 CRES_T2	9	11	2	0.4	0.2	-0.2	-0.87	-1.28	0	0	0	0	0	0
1/18/2024 10:10	56801 BENV_T1	0	2	2	0	0	0	-0.39	-0.38	1	1	0	600	600	0
1/18/2024 10:10	45902 AUBU_T1	17	15	-2	1.18	1.37	0.19	-0.19	0.05	2	2	0	1200	1200	0
1/18/2024 10:11	46203 DANV_T2	0	0	0	0	0	0	-0.78	-0.82	0	0	0	0	0	0
1/18/2024 10:11	56802 BENV_T2	0	0	0	0	0	0	-2.26	-2.22	0	0	0	0	0	0
1/18/2024 10:12	40502 CRES_T2	9	11	2	0.4	0.2	-0.2	-1.45	-2.13	0	0	0	0	0	0
1/18/2024 10:12	46206 DANV_T2	21	16	-5	0.9	0.61	-0.29	0	0	0	0	0	0	0	0
1/18/2024 10:12	62604 ENGL_T1	0	0	0	0	0	0	-0.58	-0.66	2	2	0	1200	1200	0
1/18/2024 10:13	53903 HAU_T2	2	3	1	0.4	0.97	0.57	0	0	0	0	0	0	0	0
1/18/2024 10:13	67402 WAKE_T2	0	0	0	0	0	0	-0.24	-0.22	1	1	0	600	600	0
1/18/2024 10:14	53901 HAU_T2	7	28	21	0.11	0.19	0.08	-1.35	-1.35	0	0	0	0	0	0
1/18/2024 10:14	46903 MNTG_T2	0	0	0	0	0	0	0.35	0.27	1	1	0	600	600	0
1/18/2024 10:14	40502 CRES_T2	9	11	2	0.4	0.2	-0.2	-1.88	-2.76	0	0	0	0	0	0
1/18/2024 10:14	27101 GFLD_T2	0	0	0	0	0	0	-0.26	-0.29	1	1	0	600	600	0
1/18/2024 10:14	62604 ENGL_T1	0	0	0	0	0	0	-0.58	-0.66	2	2	0	1200	1200	0
1/18/2024 10:15	53901 HAU_T2	28	29	1	0.19	0.19	0	-1.35	-1.35	0	0	0	0	0	0
1/18/2024 10:16	40502 CRES_T2	11	9	-2	0.25	0.13	-0.12	-0.29	-0.43	0	0	0	0	0	0
1/18/2024 10:17	46901 MNTG_T2	0	0	0	0	0	0	2.15	2.13	0	0	0	0	0	0
1/18/2024 10:18	64101 REFR_T1	0	0	0	0	0	0	0.4	0.43	0	0	0	0	0	0
1/18/2024 10:18	56504 ROCK_T2	1	1	0	0.9	0	-0.9	0	0	0	0	0	0	0	0
1/18/2024 10:19	64101 REFR_T1	0	0	0	0	0	0	0.13	0.14	0	0	0	0	0	0
1/18/2024 10:19	57401 SPAN_T1	0	0	0	0	0	0	-1.36	-1.36	1	1	0	600	600	0
1/18/2024 10:19	16402 MOPO_T1	3	11	8	0.6	0.48	-0.12	-0.27	-0.19	0	0	0	0	0	0
1/18/2024 10:20	66503 SMAN_T2	99	149	50	0.15	0.17	0.02	0	0	0	0	0	0	0	0
1/18/2024 10:20	65901 SAKR_T2	1	1	0	8.3	8.3	0	0	0	0	0	0	0	0	0
1/18/2024 10:20	43202 MVIL_T2	0	0	0	0	0	0	-0.44	-0.44	0	0	0	0	0	0
1/18/2024 10:20	64101 REFR_T1	0	0	0	0	0	0	0.4	0.43	0	0	0	0	0	0
1/18/2024 10:20	57401 SPAN_T1	0	0	0	0	0	0	-2.72	-2.72	2	2	0	1200	1200	0
1/18/2024 10:21	55002 NEWP_T1	5	5	0	0.34	0.38	0.04	-0.09	-0.1	0	0	0	0	0	0
1/18/2024 10:21	56504 ROCK_T2	1	1	0	0.9	0	-0.9	0	0	0	0	0	0	0	0
1/18/2024 10:21	57401 SPAN_T1	0	0	0	0	0	0	-2.72	-2.72	2	2	0	1200	1200	0
1/18/2024 10:22	44301 BEAV_T2	2	8	6	0.7	0.1	-0.6	1.07	1.55	4	4	0	3000	3000	0
1/18/2024 10:23	57401 SPAN_T1	0	0	0	0	0	0	-1.36	-1.36	1	1	0	600	600	0
1/18/2024 10:23	55101 WERT_T1	0	0	0	0	0	0	-2.32	-2.24	4	4	0	3000	3000	0
1/18/2024 10:23	67502 WEWI_T2	0	0	0	0	0	0	-0.94	-0.96	1	1	0	900	900	0
1/18/2024 10:24	40502 CRES_T2	11	9	-2	0.25	0.13	-0.12	-0.64	-0.55	0	0	0	0	0	0
1/18/2024 10:24	67502 WEWI_T2	0	0	0	0	0	0	-1.91	-1.93	2	2	0	1800	1800	0
1/18/2024 10:24	57401 SPAN_T1	0	0	0	0	0	0	-1.36	-1.36	1	1	0	600	600	0
1/18/2024 10:25	57401 SPAN_T1	0	0	0	0	0	0	-1.36	-1.36	1	1	0	600	600	0
1/18/2024 10:26	44903 SCOT_T1	135	161	26	0.81	0.92

1/18/2024 10:43	10805 CHHI_T2	11	11	0	2.48	3.5	1.02	-0.27	-0.27	1	1	0	600	600	0
1/18/2024 10:44	42903 MIDD_T2	1	1	0	0.3	0.2	-0.1	0.85	1.03	1	1	0	1200	1200	0
1/18/2024 10:45	17804 GILB_T2	0	0	0	0	0	0	-0.41	-0.41	0	0	0	0	0	0
1/18/2024 10:45	67402 WAKE_T2	0	0	0	0	0	0	-0.22	-0.21	1	1	0	600	600	0
1/18/2024 10:45	16302 ALPA_T2	0	0	0	0	0	0	-0.35	-0.47	0	0	0	0	0	0
1/18/2024 10:46	28702 HAML_T2	2	3	1	0.25	0.3	0.05	0	0	0	0	0	0	0	0
1/18/2024 10:46	40502 CRES_T2	9	10	1	0.13	0.23	0.1	-0.18	-0.19	0	0	0	0	0	0
1/18/2024 10:46	17802 GILB_T1	2	4	2	0.15	0	-0.15	0.34	0.32	0	0	0	0	0	0
1/18/2024 10:46	59302 MCAL_T1	0	1	1	0	0	0	-0.97	-0.94	1	1	0	600	600	0
1/18/2024 10:47	55002 NEWP_T1	3	4	1	0.4	0.48	0.08	-0.11	-0.1	0	0	0	0	0	0
1/18/2024 10:47	15604 NSTR_T1	44	139	95	0.48	0.66	0.18	-0.26	-0.27	0	0	0	0	0	0
1/18/2024 10:47	52004 LING_T2	1	1	0	0.8	0.8	0	0	0	0	0	0	0	0	0
1/18/2024 10:48	40602 PIGR_T1	2	2	0	0.1	0.15	0.05	-4.27	-4.14	2	2	0	1200	1200	0
1/18/2024 10:49	46901 MNTG_T2	0	0	0	0	0	0	2.06	1.97	0	0	0	0	0	0
1/18/2024 10:51	56501 ROCK_T2	310	184	-126	0.36	0.22	-0.14	-2.04	-2.07	0	0	0	0	0	0
1/18/2024 10:51	54206 PENN_T2	0	0	0	0	0	0	-0.55	-0.57	0	0	0	0	0	0
1/18/2024 10:52	64802 MONE_T2	0	1	1	0	6	6	0	0	0	0	0	0	0	0
1/18/2024 10:52	20401 ASHF_T2	2	4	2	0.45	0.63	0.18	0	0	0	0	0	0	0	0
1/18/2024 10:52	59101 WALK_T2	0	0	0	0	0	0	1.1	1.23	0	0	0	0	0	0
1/18/2024 10:55	67402 WAKE_T2	0	0	0	0	0	0	-0.21	-0.23	1	1	0	600	600	0
1/18/2024 10:55	61102 BERK_T5	0	1	1	0	0.1	0.1	-0.07	0.11	1	1	0	300	300	0
1/18/2024 10:56	23901 EFMO_T2	16	16	0	0.39	0.28	-0.11	-0.68	-0.69	0	0	0	0	0	0
1/18/2024 10:56	10801 CHHI_T1	2	1	-1	0.7	1.5	0.8	-1.11	-0.93	2	2	0	1500	1500	0
1/18/2024 10:56	40502 CRES_T2	9	10	1	0.13	0.23	0.1	-0.19	-0.26	0	0	0	0	0	0
1/18/2024 10:57	10805 CHHI_T2	10	14	4	2.49	3.89	1.4	-0.27	-0.44	1	1	0	600	600	0
1/18/2024 10:57	44301 BEAV_T2	3	2	-1	0.13	0	-0.13	0.44	0.42	2	2	0	1500	1500	0
1/18/2024 10:57	56501 ROCK_T2	310	184	-126	0.36	0.22	-0.14	-2.07	-2.07	0	0	0	0	0	0
1/18/2024 10:59	17802 GILB_T1	2	4	2	0.15	0	-0.15	0.32	0.28	0	0	0	0	0	0
1/18/2024 11:00	55105 WERT_T1	0	0	0	0	0	0	-0.18	-0.15	1	1	0	900	900	0
1/18/2024 11:00	40502 CRES_T2	6	10	4	0.15	0.23	0.08	-0.19	-0.26	0	0	0	0	0	0
1/18/2024 11:00	67402 WAKE_T2	0	0	0	0	0	0	-0.21	-0.23	1	1	0	600	600	0
1/18/2024 11:01	53903 HALI_T2	2	2	0	1.1	1	-0.1	0	0	0	0	0	0	0	0
1/18/2024 11:02	59302 MCAL_T1	0	0	0	0	0	0	-0.94	-0.98	1	1	0	600	600	0
1/18/2024 11:03	55002 NEWP_T1	3	4	1	0.43	0.43	0	-0.1	-0.11	0	0	0	0	0	0
1/18/2024 11:05	55002 NEWP_T1	3	4	1	0.43	0.43	0	-0.1	-0.11	0	0	0	0	0	0
1/18/2024 11:06	67402 WAKE_T2	0	0	0	0	0	0	-0.21	-0.23	1	1	0	600	600	0
1/18/2024 11:06	52501 PROG_T1	0	0	0	0	0	0	0.32	0.27	1	1	0	300	300	0
1/18/2024 11:07	14402 SSLA_T1	1	6	5	1.2	1.4	0.2	0	0	0	0	0	0	0	0
1/18/2024 11:07	55101 WERT_T1	0	0	0	0	0	0	-3.28	-3.6	6	6	0	4500	4500	0
1/18/2024 11:07	67204 TEHI_T2	0	0	0	0	0	0	0.36	0.3	0	0	0	0	0	0
1/18/2024 11:07	66703 STRA_T1	0	0	0	0	0	0	0.22	0.2	0	0	0	0	0	0
1/18/2024 11:08	29402 BELT_T1	2	2	0	3.25	4.05	0.8	0	0	0	0	0	0	0	0
1/18/2024 11:08	16401 MOPO_T1	4	4	0	1.1	1	0	0	0	0	0	0	0	0	0
1/18/2024 11:08	60701 BREC_T1	1	1	0	0.1	0.5	0.4	-0.69	-0.64	2	2	0	1200	1200	0
1/18/2024 11:08	61102 BERK_T5	1	1	0	0.1	0.1	0	-0.07	0.11	1	1	0	300	300	0
1/18/2024 11:10	51107 CARL_T1	0	0	0	0	0	0	0.41	0.33	0	0	0	0	0	0
1/18/2024 11:10	67503 WEWI_T2	0	0	0	0	0	0	0.26	0.25	0	0	0	0	0	0
1/18/2024 11:10	55101 WERT_T1	0	0	0	0	0	0	-2.4	-2.47	4	4	0	3000	3000	0
1/18/2024 11:10	29402 BELT_T1	2	2	0	3.25	4.05	0.8	0	0	0	0	0	0	0	0
1/18/2024 11:11	55105 WERT_T1	0	0	0	0	0	0	-0.15	-0.2	1	1	0	900	900	0
1/18/2024 11:11	67402 WAKE_T2	0	0	0	0	0	0	-0.23	-0.24	1	1	0	600	600	0
1/18/2024 11:11	55105 WERT_T1	0	0	0	0	0	0	-0.15	-0.2	1	1	0	900	900	0
1/18/2024 11:12	60701 BREC_T1	1	1	0	0.1	0.5	0.4	-1.28	-1	4	4	0	2400	2400	0
1/18/2024 11:12	61102 BERK_T5	1	1	0	0.1	0.1	0	0.11	-0.03	1	1	0	300	300	0
1/18/2024 11:13	53601 DALM_T2	0	2	2	0	0	0	-0.52	-0.52	1	1	0	600	600	0
1/18/2024 11:13	56802 BENV_T2	0	0	0	0	0	0	-1.17	-1.19	0	0	0	0	0	0
1/18/2024 11:14	45902 AUBU_T1	14	14	0	1.01	0.51	-0.5	0	0	0	0	0	0	0	0
1/18/2024 11:16	40502 CRES_T2	10	12	2	0.23	0.41	0.18	-0.26	-0.28	0	0	0	0	0	0
1/18/2024 11:18	40101 HUNT_T2	555	680	125	1.76	1.77	0.01	-0.58	-0.58	0	0	0	0	0	0
1/18/2024 11:19	11804 FRAN_T1	15	8	-7	0.48	0.13	-0.35	1.23	1.21	0	0	0	0	0	0
1/18/2024 11:20	40101 HUNT_T2	555	680	125	1.76	1.77	0.01	-1.16	-1.15	0	0	0	0	0	0
1/18/2024 11:21	28805 LAKE_T1	0	0	0	0	0	0	-0.15	-0.16	0	0	0	0	0	0
1/18/2024 11:22	28805 LAKE_T1	0	0	0	0	0	0	-0.15	-0.16	0	0	0	0	0	0
1/18/2024 11:22	40502 CRES_T2	10	12	2	0.23	0.41	0.18	-0.26	-0.28	0	0	0	0	0	0
1/18/2024 11:22	40101 HUNT_T2	555	680	125	1.76	1.77	0.01	-1.16	-1.15	0	0	0	0	0	0
1/18/2024 11:22	64303 LINC_T1	0	0	0	0	0	0	-0.07	-0.06	0	0	0	0	0	0
1/18/2024 11:23	57304 MOAL_T2	0	1	1	0	0	0	-0.64	-0.53	0	0	0	0	0	0
1/18/2024 11:23	64303 LINC_T1	0	0	0	0	0	0	-0.14	-0.12	0	0	0	0	0	0
1/18/2024 11:24	40101 HUNT_T2	555	680	125	1.76	1.77	0.01	-0.58	-0.45	0	0	0	0	0	0
1/18/2024 11:24	64303 LINC_T1	0	0	0	0	0	0	-0.06	-0.17	0	0	0	0	0	0
1/18/2024 11:24	52102 MEIS_T1	114	19	-95	0.37	0.24	-0.13	0	0	1	1	0	450	450	0
1/18/2024 11:24	55002 NEWP_T1	4	5	1	0.38	0.58	0.2	-0.11	-0.09	0	0	0	0	0	0
1/18/2024 11:25	43201 MVIL_T2	3	1	-2	0.93	0.5	-0.43	-0.24	-0.24	0	0	0	0	0	0
1/18/2024 11:26	55002 NEWP_T1	4	5	1	0.38	0.58	0.2	-0.11	-0.09	0	0	0	0	0	0
1/18/2024 11:26	44601 SALE_T2	0	0	0	0	0	0	0.21	0.23	0	0	0	0	0	0
1/18/2024 11:27	67402 WAKE_T2	0	0	0	0	0	0	-0.24	-0.27	1	1	0	600	600	0
1/18/2024 11:28	14403 SSLA_T1	3	6	3	0.47	0.27	-0.2	1.15	1.1	0	0	0	0	0	0
1/18/2024 11:28	25603 ARRO_T1	5	0	-5	0.14	0	-0.14	-0.16	-0.16	0	0	0	0	0	0
1/18/2024 11:28	64101 REFR_T1	0	0	0	0	0	0	0.33	0.33	0	0	0	0	0	0
1/18/2024 11:28	57403 SPAN_T1	0	0	0	0	0	0	0.29	0.28	0	0	0	0	0	0
1/18/2024 11:29	57403 SPAN_T1	0	0	0	0	0	0	0.29	0.28	0	0	0	0	0	0
1/18/2024 11:30	28602 BLYT_T2	3	2	-1	0.4	0	-0.4	0	0	0	0	0	0	0	0
1/18/2024 11:31	61801 EELI_T2	0	0	0	0	0	0	-0.15	-0.26	0	0	0	0	0	0
1/18/2024 11:32	60803 BUCK_T1	0	0	0	0	0	0	-1.11	-1.11	1	1	0	600	600	0
1/18/2024 11:32	67402 WAKE_T2	0	0	0	0	0	0	-0.24	-0.27	1	1	0	600	600	0
1/18/2024 11:33	60803 BUCK_T1	0	0	0	0	0	0	-1.11	-1.11	1	1	0	600	600	0
1/18/2024 11:33	51108 CARL_T1	1	1	0	0.5	0.5	0	0	0	0	0	0	0	0	0
1/18/2024 11:34	60803 BUCK_T1	0	0	0	0	0	0	-1.11	-1.11	1	1	0	600	600	0
1/18/2024 11:35	61801 EELI_T2	0	0	0	0	0	0	-0.08	-0.13	0	0	0	0	0	0
1/18/2024 11:36	28805 LAKE_T1	0	0	0	0	0	0	-0.16	-0.16	0	0	0	0	0	0
1/18/2024 11:36	20601 GRWO_T2	0	0	0	0	0	0	-0.4	-0.4	0	0	0	0	0	0
1/18/2024 11:36	26803 JAFR_T1	0	0	0	0	0	0	-0.18	-0.18	1	1	0	900	900	0
1/18/2024 11:37	45702 LIND_T2	1	1	0	1.3	1.5	0.2	-0.33	-0.29	0	0	0	0	0	0
1/18/2024 11:38	20603 GRWO_T2	20	24	4	5.47	4.97	-0.5	0	0	0	0	0	0	0	0
1/18/2024 11:38	28805 LAKE_T1	0	0	0	0	0	0	-0.16	-0.17	0	0	0	0	0	0
1/18/2024 11:40	44701 MUNC_T2	1	4	3	0.3	0	-0.3	-0.79	-0.87	0	0	0	0	0	0
1/18/2024 11:41	45302 WBER_T2	1	1	0	0.1	0	-0.1	0.94	0.93	0	0	0	0	0	0
1/18/2024 11:41	44701 MUNC_T2	1	4	3	0.3	0	-0.3	-0.79	-0.87	0	0	0	0	0	0
1/18/2024 11:42	67402 WAKE_T2	0	0	0	0	0	0	-0.27	-0.26	1	1	0	600	600	0
1/18/2024 11:43	66703 STRA_T1	0	0	0	0	0	0	0.45	0.32	0	0	0	0	0	0
1/18/2024 11:43	67402 WAKE_T2	0	0	0	0	0	0	-0.27	-0.26	1	1	0	600	600	0
1/18/2024 11:44	67804 WLAN_T1	0	0	0	0	0	0	-1.92	-1.88	0	0	0	0	0	0
1/18/2024 11:44	61102 BERK_T5	0	1	1	0	0.1	0.1	0.05	-0.11	1	1	0	300	300	0
1/18/2024 11:44	59101 WALK_T2	0	0	0	0	0	0	2.52	2.22	0	0	0	0	0	0
1/18/2024 11:46	45302 WBER_T2	0	1	1	0	0	0	0.94	0.93	0	0	0	0	0	0
1/18/2024 11:46	27502 WEIS_T2	3	3	0	0.5	0.43	-0.07	-0.58	-0.61	0	0	0	0	0	0
1/18/2024 11:47	60201 ATGL_T2	0	0	0	0	0	0	-0.25	-0.25	0	0	0	0	0	0
1/18/2024 11:48	60201 ATGL_T2	0	0	0	0	0	0	-0.25	-0.25	0	0	0	0	0	0
1/18/2024 11:48	67402 WAKE_T2	0	0	0	0	0	0	-0.27	-0.26	1	1	0	600	600	0
1/18/2024 11:48	17802 GILB_T1	1	0	-1	0.7	0	-0.7	0.56	0.58	0	0	0	0	0	0
1/18/2024 11:49	61103 BERK_T5	0	0	0	0	0	0	0.14	0.09	0	0	0	0	0	0
1/18/2024 11:49	61102 BERK_T5	1	1	0	0.1	0.1	0	0.05	-0.11	1	1	0	300	300	0
1/18/2024 11:49	17802 GILB_T1	1	0	-1	0.7	0	-0.7	0.28	0.29	0	0	0	0	0	0
1/18/2024 11:50	11804 FRAN_T1	4	2	-2	0.25	0.2	-0.05	1.11	1.12	0	0	0	0	0	0
1/18/2024 11:50	26401 INOR_T1	3	1	-2	0.5	0	-0.5	0.78	0.75	0	0	0	0	0	0
1/18/2024 11:50	61102 BERK_T5	1	1	0	0.1	0.1	0	0	0	0	0	0	0	0	0
1/18/2024 11:51	17802 GILB_T1	1	0	-1	0.7	0	-0.7	0.28	0.29	0	0	0	0	0	0
1/18/2024 11:52	17803 GILB_T2	2	2	0	0.95	0.4	-0.55	0	0	0	0	0	0	0	0
1/18/2024 11:52	20602 GRWO_T2	11	6	-5	0.9	0.7	-0.2	0	0	0	0	0	0	0	0
1/18/2024 11:52	17802 GILB_T1	1	0	-1	0.7	0	-0.7	0.56	0.58	0	0	0	0	0	0
1/18/2024 11:52	26803 JAFR_T1	0	0	0	0	0	0	-0.18	-0.16	1	1	0	900	900	0
1/18/2024 11:53	17802 GILB_T1	1	0	-1	0.7	0	-0.7	0.29	0.28	0	0	0	0	0	0
1/18/2024 11:54	16302 ALPA_T2	0	0	0	0	0	0	-0.52	-0.49	0	0	0	0	0	0
1/18/2024 11:55	16302 ALPA_T2	0	0	0	0	0	0	-0.52	-0.49	0	0	0	0	0	0
1/18/2024 11:55	61102 BERK_T5	1	1	0	0.1	0.1	0	-0.11	1.03	1	1	0	300	300	0
1/18/2024 11:55	61103 BERK_T5	0	0	0	0	0	0	0.09	0.1	0	0	0	0	0	0
1/18/2024 11:56	28602 BLYT_T2	0	3	3	0	0.2	0.2	0	0	0	0	0	0	0	0
1/18/2024 11:58	16302 ALPA_T2	0	0	0	0	0	0	-0.52	-0.49	0	0	0	0	0	0
1/18/2024 11:59	61102 BERK_T5	1	1	0	0	0.1	0	0	0	0	0	0	0	0	0
1/18/2024 11:59	16302 ALPA_T2	0	0	0	0	0	0	-0.52	-0.49	0	0	0	0	0	0
1/18/2024 12:00	26401 INOR_T1	1	0	-1	0.1	0	-0.1	0.75	0.54	0	0	0	0	0	0
1/18/2024 12:00	61102 BERK_T5	1	0	-1	0.1	0	-0.1	-0.11	1.03	1	1	0	300	300	0
1/18/2024 12:00	61102 BERK_T5	1	0	-1	0.1	0	-0.1	-0.11	1.03	1	1	0	300	300	0
1/18/2024 12:02	20601 GRWO_T2	0	1	1	0	0	0	-0.4	-0.37	0	0	0	0	0	0
1/18/2024 12:04	20603 GRWO_T2	20	20	0	5.88	5.64	-0.24	0	0	0	0	0	0	0	0
1/18/2024 12:05	13302 ORVI_T2	0	0	0	0	0	0	1.3	1.12	0	0	0	0	0	0
1/18/2024 12:07	45301 WBER_T2	1	0	-1	0.1	0	-0.1	0	0	0	0	0	0	0	0
1/18/2024 12:08	45301 WBER_T2	1	0	-1	0.1	0	-0.1	0	0	0	0	0	0	0	0
1/18/2024 12:09	67402 WAKE_T2	0	0	0	0	0	0	-0.58	-0.52	2	2	0	1200	1200	0
1/18/2024 12:09	66703 STRA_T1	0	0	0	0	0	0	0.12	0.11	0	0	0	0	0	0
1/18/2024 12:10	14403 SSLA_T1	0	0	0	0	0	0	1.07	1.02	0	0	0	0	0	0
1/18/2024 12:10	59101 WALK_T2	0	0	0	0	0	0	1.33	1.22	0	0	0	0	0	0
1/18/2024 12:10	66703 STRA_T1	0	0	0	0	0	0	0.12	0.11	0	0	0	0	0	0
1/18/2024 12:11	59101 WALK_T2	0	0	0	0	0	0	1.33	1.22	0	0	0	0	0	0
1/18/2024 12:12	28602 BLYT_T2	2	3	1	0.35	0	-0.35	0	0	0	0	0	0	0	0
1/18/2024 12:14	20602 GRWO_T2	6	4	-2	0.7	0.2	-0.5	0	0	0	0	0	0	0	0
1/18/2024 12:14	67402 WAKE_T2	0	0	0	0	0	0	-0.29	-0.26	1	1	0	600	600	0
1/18/2024 12:14	17802 GILB_T1	0	0	0	0	0	0	0.56	0.52	0	0	0	0	0	0
1/18/2024 12:15	17802 GILB_T1	0	0	0	0	0	0	0.56	0.52	0	0	0	0	0	0
1/18/2024 12:16	11804 FRAN_T1	2	1	-1	0.3	0.4	0.1	1.13	1.16	0	0	0	0	0	0
1/18/2024 12:16	64702 LITI_T2	0	0	0	0	0	0	-0.66	-0.65	0	0	0	0	0	0
1/18/2024 12:17	64702 LITI_T2	0	0	0	0	0	0	-0.66	-0.65	0	0	0	0	0	0
1/18/2024 12:17	44701 MUNC_T2	0	0	0	0	0	0	-1.02	-1.06	0	0	0	0	0	0
1/18/2024 12:18	20602 GRWO_T2	4	12	8	0.7	0.2	-0.5	0	0	0	0	0	0	0	0
1/18/2024 12:18	17802 GILB_T1	0	0	0	0	0	0	0.84	0.78	0	0	0	0	0	0
1/18/2024 12:19	17804 GILB_T2	0	0	0	0	0	0	-0.43	-0.44	0	0	0	0	0	0
1/18/2024 12:19	64702 LITI_T2	0	0	0	0	0	0	-0.66	-0.65	0	0	0	0	0	0
1/18/2024 12:21	44701 MUNC_T2	0	0	0	0	0	0	-1.02	-1.06	0	0	0	0	0	0
1/18/2024 12:23	55101 WERT_T1	0	0	0	0	0	0	-1.27	-1.29	2	2	0	1500	1500	0
1/18/2024 12:23	59102 WALK_T2	0	0	0	0	0	0	-0.35	-0.35	1	1	0	600	600	0
1/18/2024 12:24	67402 WAKE_T2	0	0	0	0	0	0	-0.26	-0.26	1	1	0	600	600	0
1/18/2024 12:24	29402 BELT_T1	2	1	-1	3.05	6.1	3.05	0	0	0	0	0	0	0	0
1/18/2024 12:24	55105 WERT_T1	0	0	0	0	0	0	-0.23	-0.21	1	1	0	900	900	0
1/18/2024 12:24	29402 BELT_T1	2	1	-1	3.05	6.1	3.05	0	0	0	0	0	0	0	0
1/18/2024 12:24	55101 WERT_T1	0	0	0	0	0	0	-3.87	-4.08	6	6	0	4500	4500	0
1/18/2024 12:24	60201 ATGL_T2	0	0	0	0	0	0	-0.23	-0.14	0	0	0	0	0	0
1/18/2024 12:25	55101 WERT_T1	0	0	0	0	0	0	-1.29	-1.36	2	2	0	1500	1500	0
1/18/2024 12:26	29401 BELT_T1	0	0	0	0	0	0	0	0	1	1	0	900	900	0
1/18/2024 12:26	55101 WERT_T1	0	0	0	0	0	0	-1.29	-1.36	2	2	0	1500	1500	0
1/18/2024 12:26	29402 BELT_T1	2	1	-1	3.05	6.1	3.05	0	0	0	0	0	0	0	0
1/18/2024 12:28	60201 ATGL_T2	0	0	0	0	0	0	-0.23	-0.14	0	0	0	0	0	0
1/18/2024 12:29	55101 WERT_T1	0	0	0	0	0	0	-1.29	-1.36	2	2	0	1500	1500	0
1/18/2024 12:30	67402 WAKE_T2	0	0	0	0	0	0	-0.26	-0.26	1	1	0	600	600	0
1/18/2024 12:34	39601 LNFD_T1	22	19	-3	0.56	0.51	-0.05	0	0	1	1	0	900	900	0
1/18/2024 12:36	44201 POIN_T1	0	0	0	0	0	0	-4.21	-4.26	4	4	0	4200	4200	0
1/18/2024 12:40	16302 ALPA_T2	0	0	0	0	0	0	-0.58	-0.51	0	0	0	0	0	0
1/18/2024 12:41	16302 ALPA_T2	0	0	0	0	0	0	-1.16	-1.02	0	0	0	0	0	0
1/18/2024 12:42	16302 ALPA_T2	0	0	0	0	0	0	-0.58	-0.51	0	0

1/18/2024 14:10	16302 ALPA_T2	0	0	0	0	0	0	-0.84	-1.05	0	0	0	0	0	0
1/18/2024 14:11	14402 SSLA_T1	1	0	-1	0.9	0	-0.9	0	0	0	0	0	0	0	0
1/18/2024 14:11	67804 WLAN_T1	0	0	0	0	0	0	-0.98	-0.98	0	0	0	0	0	0
1/18/2024 14:11	59101 WALK_T2	2	0	-2	0.55	0	-0.55	1.1	1.35	2	0	-2	1200	0	-1200
1/18/2024 14:11	57403 SPAN_T1	0	0	0	0	0	0	0.25	0.23	0	0	0	0	0	0
1/18/2024 14:11	16302 ALPA_T2	0	0	0	0	0	0	-0.42	-0.53	0	0	0	0	0	0
1/18/2024 14:11	61306 EARL_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1/18/2024 14:11	57401 SPAN_T1	0	0	0	0	0	0	-0.75	-0.81	1	1	0	600	600	0
1/18/2024 14:11	67204 TEHI_T2	0	0	0	0	0	0	0.05	0.02	0	0	0	0	0	0
1/18/2024 14:11	67203 TEHI_T1	0	0	0	0	0	0	2.45	2.42	2	2	0	1200	1200	0
1/18/2024 14:11	67901 WNHO_T2	0	0	0	0	0	0	0.02	0.01	1	1	0	900	900	0
1/18/2024 14:12	16302 ALPA_T2	0	0	0	0	0	0	-0.42	-0.53	0	0	0	0	0	0
1/18/2024 14:12	67805 WLAN_T1	7	7	0	0.74	0.1	-0.64	0	0	0	0	0	0	0	0
1/18/2024 14:12	28604 BLYT_T2	0	0	0	0	0	0	-1.41	-1.4	0	0	0	0	0	0
1/18/2024 14:12	61306 EARL_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1/18/2024 14:12	29401 BELT_T1	50	64	14	0.36	0.44	0.08	0	0	0	0	0	0	0	0
1/18/2024 14:12	64802 MONE_T2	0	1	1	0	0.1	0.1	0	0	0	0	0	0	0	0
1/18/2024 14:12	57403 SPAN_T1	0	0	0	0	0	0	0.25	0.23	0	0	0	0	0	0
1/18/2024 14:13	67805 WLAN_T1	7	7	0	0.74	0.1	-0.64	0	0	0	0	0	0	0	0
1/18/2024 14:14	29402 BELT_T1	1	1	0	7.4	7.7	0.3	0	0	0	0	0	0	0	0
1/18/2024 14:15	67602 WARW_T2	1	1	0	1.2	0.1	-1.1	0.71	0.76	1	1	0	1200	1200	0
1/18/2024 14:15	11104 EGYP_T1	0	0	0	0	0	0	0.47	0.51	0	0	0	0	0	0
1/18/2024 14:16	11104 EGYP_T1	0	0	0	0	0	0	0.47	0.51	0	0	0	0	0	0
1/18/2024 14:16	64802 MONE_T2	1	0	-1	0.1	0	-0.1	-0.01	0	0	0	0	0	0	0
1/18/2024 14:17	64702 LITI_T2	0	0	0	0	0	0	-1.36	-1.12	0	0	0	0	0	0
1/18/2024 14:18	64702 LITI_T2	0	0	0	0	0	0	-0.68	-0.56	0	0	0	0	0	0
1/18/2024 14:18	67602 WARW_T2	1	1	0	1.2	0.1	-1.1	0.71	0.76	1	1	0	1200	1200	0
1/18/2024 14:19	15604 NSTR_T1	9	4	-5	0.58	1.07	0.49	-0.38	-0.4	0	0	0	0	0	0
1/18/2024 14:19	65001 NEFF_T2	0	0	0	0	0	0	-0.66	-0.55	1	1	0	1200	1200	0
1/18/2024 14:20	39601 LNFD_T1	4	2	-2	0.15	0	-0.15	0	0	1	1	0	900	900	0
1/18/2024 14:20	67602 WARW_T2	1	1	0	1.2	0.1	-1.1	0.71	0.76	1	1	0	1200	1200	0
1/18/2024 14:20	54203 PENN_T1	53	245	192	0.48	0.29	-0.19	0	0	0	0	0	0	0	0
1/18/2024 14:20	60501 NMAN_T2	3	5	2	4.5	3	-1.5	0	0	0	0	0	0	0	0
1/18/2024 14:20	40901 JESH_T1	1	1	0	0.2	0.2	0	0	0	0	0	0	0	0	0
1/18/2024 14:21	47403 PENS_T1	1	1	0	2.3	2.3	0	0	0	0	0	0	0	0	0
1/18/2024 14:21	60502 NMAN_T2	0	0	0	0	0	0	-0.24	-0.32	0	0	0	0	0	0
1/18/2024 14:21	64101 REFR_T1	0	0	0	0	0	0	0.1	0.07	0	0	0	0	0	0
1/18/2024 14:21	15604 NSTR_T1	9	4	-5	0.58	1.07	0.49	-0.77	-0.8	0	0	0	0	0	0
1/18/2024 14:21	59302 MCAL_T1	0	0	0	0	0	0	-0.75	-0.8	1	1	0	600	600	0
1/18/2024 14:22	11104 EGYP_T1	0	0	0	0	0	0	0.47	0.51	0	0	0	0	0	0
1/18/2024 14:22	64101 REFR_T1	0	0	0	0	0	0	0.1	0.07	0	0	0	0	0	0
1/18/2024 14:22	47401 PENS_T1	0	0	0	0	0	0	-0.31	-0.32	0	0	0	0	0	0
1/18/2024 14:23	47401 PENS_T1	0	0	0	0	0	0	-0.32	0.88	0	0	0	0	0	0
1/18/2024 14:23	57401 SPAN_T1	0	0	0	0	0	0	-0.75	-0.81	1	1	0	600	600	0
1/18/2024 14:23	67402 WAKE_T2	0	0	0	0	0	0	-0.29	-0.3	1	1	0	600	600	0
1/18/2024 14:24	29401 BELT_T1	51	68	17	0.3	0.44	0.14	0	0	1	1	0	900	900	0
1/18/2024 14:24	57401 SPAN_T1	0	0	0	0	0	0	-1.62	-1.09	2	2	0	1200	1200	0
1/18/2024 14:24	64101 REFR_T1	0	0	0	0	0	0	0.07	0.06	0	0	0	0	0	0
1/18/2024 14:24	29402 BELT_T1	1	2	1	7.4	7.7	0.3	0	0	0	0	0	0	0	0
1/18/2024 14:24	40603 PGR_T1	0	0	0	0	0	0	0.44	0.47	0	0	0	0	0	0
1/18/2024 14:24	60201 ATGL_T2	0	0	0	0	0	0	-0.07	-0.32	0	0	0	0	0	0
1/18/2024 14:24	45402 WBLO_T2	0	0	0	0	0	0	-0.48	-0.53	0	0	0	0	0	0
1/18/2024 14:25	16302 ALPA_T2	0	0	0	0	0	0	-0.53	-0.56	0	0	0	0	0	0
1/18/2024 14:25	64101 REFR_T1	0	0	0	0	0	0	0.14	0.12	0	0	0	0	0	0
1/18/2024 14:25	60201 ATGL_T2	0	0	0	0	0	0	-0.07	-0.32	0	0	0	0	0	0
1/18/2024 14:25	43001 ALWD_T1	0	4	4	0	0.1	0.1	0	0	0	0	0	0	0	0
1/18/2024 14:25	65001 NEFF_T2	0	0	0	1	0	0	-0.55	-0.56	1	1	0	1200	1200	0
1/18/2024 14:25	56801 BENV_T1	9	17	8	0.32	0.54	0.22	-1.41	-1.41	3	3	0	1800	1800	0
1/18/2024 14:26	24102 EHAZ_T1	25	32	7	0.71	0.63	-0.08	0	0	0	0	0	0	0	0
1/18/2024 14:26	29401 BELT_T1	51	68	17	0.3	0.44	0.14	0	0	1	1	0	900	900	0
1/18/2024 14:26	56801 BENV_T1	9	17	8	0.32	0.54	0.22	-0.47	-0.47	1	1	0	600	600	0
1/18/2024 14:26	57401 SPAN_T1	0	0	0	0	0	0	-0.81	-0.55	1	1	0	600	600	0
1/18/2024 14:26	27502 WEIS_T2	0	0	0	0	0	0	-0.76	-0.82	0	0	0	0	0	0
1/18/2024 14:26	67402 WAKE_T2	0	0	0	0	0	0	-0.3	-0.27	1	1	0	600	600	0
1/18/2024 14:26	16302 ALPA_T2	0	0	0	0	0	0	-0.53	-0.56	0	0	0	0	0	0
1/18/2024 14:26	66703 STRA_T1	0	0	0	0	0	0	0.2	0.16	0	0	0	0	0	0
1/18/2024 14:27	67204 TEHI_T2	0	0	0	0	0	0	0.02	0.02	0	0	0	0	0	0
1/18/2024 14:27	16302 ALPA_T2	0	0	0	0	0	0	-1.05	-1.12	0	0	0	0	0	0
1/18/2024 14:27	59101 WALK_T2	0	0	0	0	0	0	2.7	2.03	0	0	0	0	0	0
1/18/2024 14:27	61306 EARL_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1/18/2024 14:27	56802 BENV_T2	2	10	8	0.1	0.27	0.17	-4.37	-4.64	0	0	0	0	0	0
1/18/2024 14:27	56801 BENV_T1	9	17	8	0.32	0.54	0.22	-1.88	-1.88	4	4	0	2400	2400	0
1/18/2024 14:27	67901 WNHO_T2	0	0	0	0	0	0	0.01	0.02	1	1	0	900	900	0
1/18/2024 14:28	60801 BUCK_T1	0	0	0	0	0	0	-0.44	-0.36	1	1	0	600	600	0
1/18/2024 14:28	29402 BELT_T1	1	2	1	7.4	7.7	0.3	0	0	0	0	0	0	0	0
1/18/2024 14:28	61306 EARL_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1/18/2024 14:28	28604 BLYT_T2	0	0	0	0	0	0	-1.4	-1.39	0	0	0	0	0	0
1/18/2024 14:28	29401 BELT_T1	51	68	17	0.3	0.44	0.14	0	0	1	1	0	900	900	0
1/18/2024 14:28	56802 BENV_T2	2	10	8	0.1	0.27	0.17	-4.37	-4.64	0	0	0	0	0	0
1/18/2024 14:28	56801 BENV_T1	9	17	8	0.32	0.54	0.22	-1.41	-1.41	3	3	0	1800	1800	0
1/18/2024 14:29	17802 GILB_T1	0	0	0	0	0	0	0.19	0.18	0	0	0	0	0	0
1/18/2024 14:29	56801 BENV_T1	9	17	8	0.32	0.54	0.22	-0.47	-0.47	1	1	0	600	600	0
1/18/2024 14:29	56802 BENV_T2	2	10	8	0.1	0.27	0.17	-1.09	-1.16	0	0	0	0	0	0
1/18/2024 14:30	40901 JESH_T1	1	1	0	0.2	0.2	0	0	0	0	0	0	0	0	0
1/18/2024 14:30	17804 GILB_T2	0	0	0	0	0	0	-0.43	-0.44	0	0	0	0	0	0
1/18/2024 14:30	17805 GILB_T2	0	0	0	0	0	0	-1.04	-0.96	0	0	0	0	0	0
1/18/2024 14:30	40101 HUNT_T2	317	407	90	0.78	0.82	0.04	-1.96	-1.95	0	0	0	0	0	0
1/18/2024 14:30	17802 GILB_T1	0	0	0	0	0	0	0.57	0.54	0	0	0	0	0	0
1/18/2024 14:30	56802 BENV_T2	3	10	7	0.2	0.27	0.07	-1.09	-1.16	0	0	0	0	0	0
1/18/2024 14:30	67402 WAKE_T2	0	0	0	0	0	0	-0.3	-0.27	1	1	0	600	600	0
1/18/2024 14:30	56801 BENV_T1	15	17	2	0.52	0.52	0	-0.47	-0.47	1	1	0	600	600	0
1/18/2024 14:31	53501 EVIL_T2	8	6	-2	0.51	0.5	-0.01	-2.01	-1.98	3	3	0	2100	2100	0
1/18/2024 14:31	17802 GILB_T1	0	0	0	0	0	0	0.57	0.54	0	0	0	0	0	0
1/18/2024 14:31	67605 WARW_T1	0	0	0	0	0	0	-0.97	-0.93	0	0	0	0	0	0
1/18/2024 14:31	11104 EGYP_T1	0	0	0	0	0	0	1.02	0.94	0	0	0	0	0	0
1/18/2024 14:31	56802 BENV_T2	3	10	7	0.2	0.27	0.07	-1.09	-1.16	0	0	0	0	0	0
1/18/2024 14:31	67602 WARW_T2	1	1	0	0.9	0.1	-0.8	1.53	1.37	2	2	0	2400	2400	0
1/18/2024 14:32	11104 EGYP_T1	0	0	0	0	0	0	0.51	0.47	0	0	0	0	0	0
1/18/2024 14:32	24105 EHAZ_T1	24	30	6	2.1	2.4	0.3	-1.69	-1.7	1	1	0	1200	1200	0
1/18/2024 14:32	59302 MCAL_T1	0	0	0	0	0	0	-0.8	-0.83	1	1	0	600	600	0
1/18/2024 14:32	22805 HAUT_T2	373	374	1	1.34	1.43	0.09	-1.18	-1.14	1	1	0	1200	1200	0
1/18/2024 14:32	53501 EVIL_T2	8	6	-2	0.51	0.5	-0.01	-6.03	-5.94	9	9	0	6300	6300	0
1/18/2024 14:32	40101 HUNT_T2	317	407	90	0.78	0.82	0.04	-0.65	-0.65	0	0	0	0	0	0
1/18/2024 14:32	56802 BENV_T2	3	10	7	0.2	0.27	0.07	-1.09	-1.16	0	0	0	0	0	0
1/18/2024 14:33	53501 EVIL_T2	8	6	-2	0.51	0.5	-0.01	-2.01	-1.98	3	3	0	2100	2100	0
1/18/2024 14:34	40101 HUNT_T2	317	407	90	0.78	0.82	0.04	-0.65	-0.65	0	0	0	0	0	0
1/18/2024 14:34	40603 PGR_T1	0	1	1	0	0	0	0	0	0	0	0	0	0	0
1/18/2024 14:34	47401 PENS_T1	0	0	0	0	0	0	-0.32	0.88	0	0	0	0	0	0
1/18/2024 14:34	67602 WARW_T2	1	1	0	0.9	0.1	-0.8	0.76	0.68	1	1	0	1200	1200	0
1/18/2024 14:35	46301 ROHR_T1	1	1	0	0.7	0.2	-0.5	0.33	0.31	0	0	0	0	0	0
1/18/2024 14:35	64101 REFR_T1	0	0	0	0	0	0	0.07	0.06	0	0	0	0	0	0
1/18/2024 14:35	47401 PENS_T1	0	0	0	0	0	0	-0.64	1.76	0	0	0	0	0	0
1/18/2024 14:35	65001 NEFF_T2	0	0	0	0	0	0	-1.1	-1.13	2	2	0	2400	2400	0
1/18/2024 14:36	16103 BING_T2	1	0	-1	0.4	0	-0.4	0	0	0	0	0	0	0	0
1/18/2024 14:36	39601 LNFD_T1	2	47	45	0.35	0	-0.35	0	0	1	0	-1	900	0	-900
1/18/2024 14:36	40601 PGR_T1	0	6	6	0	0.13	0.13	0	0	0	0	0	0	0	0
1/18/2024 14:36	47401 PENS_T1	0	0	0	0	0	0	-0.64	1.76	0	0	0	0	0	0
1/18/2024 14:36	42202 SHEN_T2	1	1	0	0.4	0.2	-0.2	0	0	0	0	0	0	0	0
1/18/2024 14:36	64101 REFR_T1	0	0	0	0	0	0	0.21	0.17	0	0	0	0	0	0
1/18/2024 14:37	46301 ROHR_T1	1	1	0	0.7	0.2	-0.5	0.33	0.31	0	0	0	0	0	0
1/18/2024 14:37	47403 PENS_T1	0	1	1	0	2.3	2.3	0	0	0	0	0	0	0	0
1/18/2024 14:37	67605 WARW_T1	0	0	0	0	0	0	-0.97	-0.93	0	0	0	0	0	0
1/18/2024 14:37	67204 TEHI_T2	0	0	0	0	0	0	0.02	0.02	0	0	0	0	0	0
1/18/2024 14:37	66703 STRA_T1	0	0	0	0	0	0	0.2	0.16	0	0	0	0	0	0
1/18/2024 14:37	57401 SPAN_T1	0	0	0	0	0	0	-1.62	-1.09	2	2	0	1200	1200	0
1/18/2024 14:38	47401 PENS_T1	0	0	0	0	0	0	1.76	1.78	0	0	0	0	0	0
1/18/2024 14:38	55002 NEWP_T1	4	2	-2	0.53	0.65	0.12	-0.15	-0.15	0	0	0	0	0	0
1/18/2024 14:38	64101 REFR_T1	0	0	0	0	0	0	0.07	0.06	0	0	0	0	0	0
1/18/2024 14:38	14404 SSLA_T1	0	1	1	0	0.3	0.3	0	0	0	0	0	0	0	0
1/18/2024 14:38	57403 SPAN_T1	0	0	0	0	0	0	0.23	0.24	0	0	0	0	0	0
1/18/2024 14:39	57401 SPAN_T1	0	0	0	0	0	0	-0.55	-0.57	1	1	0	600	600	0
1/18/2024 14:39	67402 WAKE_T2	0	0	0	0	0	0	-0.27	-0.28	1	1	0	600	600	0
1/18/2024 14:39	56504 ROCK_T2	1	0	-1	0.1	0	-0.1	0	0	0	0	0	0	0	0
1/18/2024 14:40	64101 REFR_T1	0	0	0	0	0	0	0.06	0.07	0	0	0	0	0	0
1/18/2024 14:40	45402 WBLO_T2	0	0	0	0	0	0	-0.53	-0.47	0	0	0	0	0	0
1/18/2024 14:40	29401 BELT_T1	63	96	33	0.44	0.48	0.04	0	0	1	1	0	900	900	0
1/18/2024 14:40	45902 AUBU_T1	1	6	5	0.4	0	-0.4	-0.87	-1.01	2	2	0	1200	1200	0
1/18/2024 14:40	57401 SPAN_T1	0	0	0	0	0	0	-1.09	-1.14	2	2	0	1200	1200	0
1/18/2024 14:40	60201 ATGL_T2	0	0	0	0	0	0	-0.64	-0.31	0	0	0	0	0	0
1/18/2024 14:40	42202 SHEN_T2	1	1	0	0.4	0.2	-0.2	0	0	0	0	0	0	0	0
1/18/2024 14:40	46004 BERW_T2	0	0	0	0	0	0	-0.46	-0.43	0	0	0	0	0	0
1/18/2024 14:40	41601 CLEV_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1/18/2024 14:40	29401 BELT_T1	63	96	33	0.44	0.48	0.04	0	0	1	1	0	900	900	0
1/18/2024 14:40	27502 WEIS_T2	0	0	0	0	0	0	-0.82	-0.77	0	0	0	0	0	0
1/18/2024 14:40	55105 WERT_T1	0	0	0	0	0	0	-0.27	-0.25	1	1	0	900	900	0
1/18/2024 14:41	14401 SSLA_T1	1	5	4	0.1	0.1	0	0	0	0	0	0	0	0	0
1/18/2024 14:41	16302 ALPA_T2	0	0	0	0	0	0	-0.56	-0.42	0	0	0	0	0	0
1/18/2024 14:41	65001 NEFF_T2	0	0	0	0	0	0	-0.56	-0.61	1	1	0	1200	1200	0
1/18/2024 14:41	67402 WAKE_T2	0	0	0	0	0	0	-0.27	-0.28	1	1	0	600	600	0
1/18/2024 14:41	56802 BENV_T2	3	10	7	0.2	0.27	0.07	-2.32	-2.2	0	0	0	0	0	0
1/18/2024 14:41	66901 SHIL_T2	3	13	10	0.13	0.13	0	-1.62	-1.59	1	1	0	1200	1200	0
1/18/2024 14:41	43001 ALWD_T1	4	8	4	0.1	0.14	0.04	0	0	0	0	0	0	0	0
1/18/2024 14:42	40502 CRES_T2	11	5	-6	0.33	0.12	-0.21	-0.41	-0.43	0	0	0	0	0	0
1/18/2024 14:42	45902 AUBU_T1	1	6	5	0.4	0	-0.4	-0.87	-1.01	2	2	0	1200	1200	0
1/18/2024 14:42	27502 WEIS_T2	0	0	0	0	0	0	-0.82	-0.77	0	0	0	0	0	0
1/18/2024 14:42	29401 BELT_T1	63	96	33	0.44	0.48	0.04	0	0	0	0	0	0	0	0
1/18/2024 14:42	25603 ARRO_T1	1	7	6	0.1	0.17	0.07	-0.14	-0.18	0	0	0	0	0	0
1/18/2024 14:42	41601 CLEV_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1/18/2024 14:42	57403 SPAN_T1	0	0	0	0	0	0	0.24	0.22	0	0	0	0	0	0
1/18/2024 14:42	67203 TEHI_T1	0	0	0	0	0	0	2.22	2.16	2	2	0	1200	1200	0
1/18/2024 14:42	56802 BENV_T2	3	10	7	0.2	0.27	0.07	-2.32	-2.2	0	0	0	0	0	0
1/18/2024 14:42	16302 ALPA_T2	0	0	0	0	0	0	-1.12	-0.85	0	0	0	0	0	0
1/18/2024 14:42	43001 ALWD_T1	4	8	4	0.1	0.14	0.04	0	0	0	0	0	0	0	0
1/18/2024 14:43	16302 ALPA_T2	0	0	0	0	0	0	-0.56	-0.42	0	0	0	0	0	0
1/18/2024 14:43	53501 EVIL_T2	8	6	-2	0.51	0.5	-0.01	-3.96	-2.23	6	4	-2	4200	2400	-1800
1/18/2024 14:43	56801 BENV_T1	15	17	2	0.52	0.52	0	-0.94	-0.92	2	2	0	1200	1200	0
1/18/2024 14:43	51107 CARL_T1	0	0	0	0	0	0	0.13	0.03	0	0	0	0	0	0
1/18/2024 14:43	56802 BENV_T2	3	10	7	0.2	0.27	0.07	-5.8	-5.51	0	0	0	0	0	0
1/18/2024 14:43	51604 DUKE_T2	0	0	0	0	0	0	-1.78	-1.76	0	0	0	0	0	0
1/18/2024 14:44	56802 BENV_T2	3	10	7	0.2	0.27	0.07	-4.64	-4.4	0	0	0	0	0	0
1/18/2024 14:44	53501 EVIL_T2	1	11	10	1.5	0.14	-1.36	0	0	0	0	0	0	0	0
1/18/2024 14:44	51604 DUKE_T2	0	0	0	0	0	0	-1.78	-1.76	0	0	0	0	0	0
1/18/2024 14:44	29401 BELT_T1	63	96	33	0.44	0.48	0.04	0	0	1	1	0	900	900	0
1/18/2024 14:44	40101 HUNT_T2	317	407	90	0.78	0.82	0.04	-0.65	-0.66	0	0	0	0	0	0
1/18/2024 14:44	61801 EEU_T2	0	0	0	0	0	0	-0.19	-0.18	0	0	0	0	0	0
1/18/2024 14:44	45902 AUBU_T1	1	6	5	0.4	0	-0.4	-0.43	-0.51	1	1	0	600	600	0
1/18/2024 14:45	61801 EEU_T2	0	0	0	0	0	0	-0.38	-0.36	0	0	0	0	0	0
1/18/2024 14:45	56802 BENV_T2	10	2	-8	0.27	0.15	-0.12	-1.16	-1.1

1/18/2024 15:02	64204 KINZ_T1	1	1	0	0.5	0.5	0	0	0	0	0	0	0	0
1/18/2024 15:02	17803 GILB_T2	0	1	1	0	0	0	0	0	0	0	0	0	0
1/18/2024 15:02	40502 CRES_T2	5	11	6	0.12	0.29	0.17	-0.43	-0.42	0	0	0	0	0
1/18/2024 15:02	67402 WAKE_T2	0	0	0	0	0	0	-0.28	-0.3	1	1	0	600	600
1/18/2024 15:02	17802 GILB_T1	0	0	0	0	0	0	0.88	0.92	0	0	0	0	0
1/18/2024 15:03	17802 GILB_T1	0	0	0	0	0	0	0.22	0.23	0	0	0	0	0
1/18/2024 15:03	43001 ALWD_T1	8	12	4	0.14	0.19	0.05	0	0	0	0	0	0	0
1/18/2024 15:04	24103 EHAZ_T1	4	6	2	0.83	1.4	0.57	0	0	0	0	0	0	0
1/18/2024 15:04	64204 KINZ_T1	1	1	0	0.5	0.5	0	0	0	0	0	0	0	0
1/18/2024 15:04	55001 NEWP_T1	0	1	1	0	0	0	0	0	0	0	0	0	0
1/18/2024 15:07	54201 PENN_T1	242	227	-15	0.51	0.49	-0.02	0	0	0	0	0	0	0
1/18/2024 15:09	54601 SUMM_T2	0	0	0	0	0	0	-5.14	-5.18	6	6	0	6300	6300
1/18/2024 15:10	54601 SUMM_T2	0	0	0	0	0	0	-1.71	-1.73	2	2	0	2100	2100
1/18/2024 15:12	54601 SUMM_T2	0	0	0	0	0	0	-1.71	-1.73	2	2	0	2100	2100
1/18/2024 15:13	11104 EGYP_T1	0	1	1	0	0.1	0.1	0.5	0.5	0	0	0	0	0
1/18/2024 15:13	67402 WAKE_T2	0	0	0	0	0	0	-0.3	-0.27	1	1	0	600	600
1/18/2024 15:14	40502 CRES_T2	5	11	6	0.12	0.29	0.17	-0.42	-0.48	0	0	0	0	0
1/18/2024 15:14	43001 ALWD_T1	8	12	4	0.14	0.19	0.05	0	0	0	0	0	0	0
1/18/2024 15:14	11104 EGYP_T1	0	1	1	0	0.1	0.1	0.5	0.5	0	0	0	0	0
1/18/2024 15:15	67602 WARW_T2	1	1	0	0.1	0	-0.1	0.68	0.69	1	1	0	1200	1200
1/18/2024 15:18	67602 WARW_T2	1	1	0	0.1	0	-0.1	0.68	0.69	1	1	0	1200	1200
1/18/2024 15:18	40502 CRES_T2	9	11	2	0.3	0.28	-0.02	-0.42	-0.48	0	0	0	0	0
1/18/2024 15:18	67402 WAKE_T2	0	0	0	0	0	0	-0.3	-0.27	1	1	0	600	600
1/18/2024 15:18	11104 EGYP_T1	1	1	0	0.1	0	-0.1	0.5	0.5	0	0	0	0	0
1/18/2024 15:19	43001 ALWD_T1	10	12	2	0.2	0.25	0.05	0	0	0	0	0	0	0
1/18/2024 15:19	67602 WARW_T2	1	1	0	0.1	0	-0.1	0.68	0.69	1	1	0	1200	1200
1/18/2024 15:22	54601 SUMM_T2	0	0	0	0	0	0	-1.71	-1.73	2	2	0	2100	2100
1/18/2024 15:24	43001 ALWD_T1	10	12	2	0.2	0.25	0.05	0	0	0	0	0	0	0
1/18/2024 15:25	54601 SUMM_T2	0	0	0	0	0	0	-5.18	-5.14	6	6	0	6300	6300
1/18/2024 15:26	54601 SUMM_T2	0	0	0	0	0	0	-1.73	-1.71	2	2	0	2100	2100
1/18/2024 15:28	40502 CRES_T2	9	11	2	0.3	0.28	-0.02	-0.48	-0.45	0	0	0	0	0
1/18/2024 15:29	17802 GILB_T1	0	0	0	0	0	0	0.51	0.5	0	0	0	0	0
1/18/2024 15:29	43001 ALWD_T1	10	12	2	0.2	0.25	0.05	0	0	0	0	0	0	0
1/18/2024 15:33	46802 HEPB_T1	10	1	-9	0.33	1.8	1.47	-1	-1.01	0	0	0	0	0
1/18/2024 15:33	65001 NEFF_T2	0	0	0	0	0	0	-0.76	-0.77	1	1	0	1200	1200
1/18/2024 15:34	40502 CRES_T2	11	4	-7	0.28	0.15	-0.13	-0.48	-0.45	0	0	0	0	0
1/18/2024 15:35	52102 MEIS_T1	0	6	6	0	0.15	0.15	0	0	1	1	0	450	450
1/18/2024 15:37	64101 REFR_T1	0	0	0	0	0	0	0.07	0.1	0	0	0	0	0
1/18/2024 15:38	54601 SUMM_T2	0	0	0	0	0	0	-1.73	-1.71	2	2	0	2100	2100
1/18/2024 15:39	67402 WAKE_T2	0	0	0	0	0	0	-0.3	-0.25	1	1	0	600	600
1/18/2024 15:40	54601 SUMM_T2	0	0	0	0	0	0	-1.71	-1.74	2	2	0	2100	2100
1/18/2024 15:41	54601 SUMM_T2	0	0	0	0	0	0	-3.43	-3.49	4	4	0	4200	4200
1/18/2024 15:42	29402 BELT_T1	1	1	0	7.4	7.5	0.1	0	0	0	0	0	0	0
1/18/2024 15:42	54601 SUMM_T2	0	0	0	0	0	0	-1.71	-1.74	2	2	0	2100	2100
1/18/2024 15:44	67402 WAKE_T2	0	0	0	0	0	0	-0.3	-0.25	1	1	0	600	600
1/18/2024 15:48	63401 HONY_T1	0	0	0	0	0	0	0.27	0.15	1	1	0	600	600
1/18/2024 15:55	56504 ROCK_T2	1	1	0	0.2	0	-0.2	0	0	0	0	0	0	0
1/18/2024 15:55	67402 WAKE_T2	0	0	0	0	0	0	-0.25	-0.23	1	1	0	600	600
1/18/2024 15:56	29402 BELT_T1	1	1	0	7.5	7.4	-0.1	0	0	0	0	0	0	0
1/18/2024 16:00	67402 WAKE_T2	0	0	0	0	0	0	-0.25	-0.23	1	1	0	600	600
1/18/2024 16:02	56802 BENV_T2	0	1	1	0	0.1	0.1	-1.15	-1.1	0	0	0	0	0
1/18/2024 16:03	26401 INOR_T1	0	0	0	0	0	0	0.83	0.8	0	0	0	0	0
1/18/2024 16:04	47802 MOCA_T2	0	0	0	0	0	0	-0.97	-0.98	0	0	0	0	0
1/18/2024 16:07	14401 SSLA_T1	9	4	-5	0.44	1.17	0.73	0	0	0	0	0	0	0
1/18/2024 16:09	59102 WALK_T2	0	0	0	0	0	0	0.32	0.33	1	0	-1	600	0 -600
1/18/2024 16:09	42701 AUGU_T1	3	7	4	0.37	0.55	0.18	0	0	1	1	0	600	600
1/18/2024 16:10	67402 WAKE_T2	0	0	0	0	0	0	-0.23	-0.25	1	1	0	600	600
1/18/2024 16:10	66901 SHIL_T2	0	40	40	0	0.15	0.15	-1.58	-1.61	1	1	0	1200	1200
1/18/2024 16:10	42202 SHEN_T2	1	4	3	0.2	0.3	0.1	0	0	0	0	0	0	0
1/18/2024 16:12	29401 BELT_T1	47	4	-43	0.35	0.15	-0.2	0	0	0	0	0	0	0
1/18/2024 16:12	42701 AUGU_T1	3	7	4	0.37	0.55	0.18	0	0	1	1	0	600	600
1/18/2024 16:12	54601 SUMM_T2	0	0	0	0	0	0	-1.77	-1.74	2	2	0	2100	2100
1/18/2024 16:14	28604 BLYT_T2	0	0	0	0	0	0	-1.39	-1.39	0	0	0	0	0
1/18/2024 16:15	67402 WAKE_T2	0	0	0	0	0	0	-0.23	-0.25	1	1	0	600	600
1/18/2024 16:15	56802 BENV_T2	0	2	2	0	0.1	0.1	-1.1	-1.07	0	0	0	0	0
1/18/2024 16:16	22805 HAUT_T2	364	571	207	1.48	1.46	-0.02	-1.12	-1.11	1	1	0	1200	1200
1/18/2024 16:25	59101 WALK_T2	0	0	0	0	0	0	0.26	-0.06	0	0	0	0	0
1/18/2024 16:25	67402 WAKE_T2	0	0	0	0	0	0	-0.25	-0.24	1	1	0	600	600
1/18/2024 16:28	51604 DUKE_T2	0	0	0	0	0	0	-1.75	-1.75	0	0	0	0	0
1/18/2024 16:28	56802 BENV_T2	0	2	2	0	0.1	0.1	-1.07	-1.13	0	0	0	0	0
1/18/2024 16:29	54203 PENN_T1	101	138	37	0.39	0.35	-0.04	0	0	0	0	0	0	0
1/18/2024 16:30	67402 WAKE_T2	0	0	0	0	0	0	-0.25	-0.24	1	1	0	600	600
1/18/2024 16:31	57401 SPAN_T1	0	0	0	0	0	0	-0.51	-0.53	1	1	0	600	600
1/18/2024 16:33	51108 CARL_T1	1	0	-1	0.3	0	-0.3	0	0	0	0	0	0	0
1/18/2024 16:33	57401 SPAN_T1	0	0	0	0	0	0	-0.51	-0.53	1	1	0	600	600
1/18/2024 16:35	53903 HAU_T2	2	2	0	1.3	1.3	0	0	0	0	0	0	0	0
1/18/2024 16:37	53903 HAU_T2	2	2	0	1.3	1.3	0	-0.17	-0.2	0	0	0	0	0
1/18/2024 16:37	57401 SPAN_T1	0	0	0	0	0	0	-0.51	-0.53	1	1	0	600	600
1/18/2024 16:39	53903 HAU_T2	2	2	0	1.3	1.3	0	0	0	0	0	0	0	0
1/18/2024 16:42	57304 MOAL_T2	0	1	1	0	0	0	-0.06	-0.03	0	0	0	0	0
1/18/2024 16:42	56801 BENV_T1	5	12	7	0.32	0.66	0.34	-0.45	-0.41	1	1	0	600	600
1/18/2024 16:42	28704 HAML_T2	4	5	1	0.35	0.2	-0.15	-0.68	-0.67	0	0	0	0	0
1/18/2024 16:43	26401 INOR_T1	0	0	0	0	0	0	0.83	0.67	0	0	0	0	0
1/18/2024 16:45	53903 HAU_T2	2	2	0	1.3	0.8	-0.5	0	0	0	0	0	0	0
1/18/2024 16:45	65001 NEFF_T2	0	0	0	0	0	0	-0.78	-0.83	1	1	0	1200	1200
1/18/2024 16:49	55001 NEWP_T1	0	15	15	0	0	0	0	0	0	0	0	0	0
1/18/2024 16:55	56803 BENV_T1	1	2	1	2.1	0	-2.1	0	0	0	0	0	0	0
1/18/2024 16:58	61103 BERK_T5	0	0	0	0	0	0	0.14	0.14	0	0	0	0	0
1/18/2024 16:59	67502 WEWI_T2	0	0	0	0	0	0	-1.2	-1.16	1	1	0	900	900
1/18/2024 16:59	51101 CARL_T1	0	1	1	0	0	0	0	0	0	0	0	0	0
1/18/2024 16:59	16103 BING_T2	1	1	0	0.3	0.2	-0.1	0	0	0	0	0	0	0
1/18/2024 17:03	67804 WLAN_T1	0	0	0	0	0	0	-0.95	-0.94	0	0	0	0	0
1/18/2024 17:04	17802 GILB_T1	0	0	0	0	0	0	0.32	0.33	0	0	0	0	0
1/18/2024 17:06	56801 BENV_T1	12	12	0	0.68	0.42	-0.26	-0.41	-0.39	1	1	0	600	600
1/18/2024 17:08	65604 QVIL_T2	0	1	1	0	0	0	0.51	0.5	0	0	0	0	0
1/18/2024 17:09	56801 BENV_T1	12	12	0	0.68	0.42	-0.26	-0.39	-0.44	1	1	0	600	600
1/18/2024 17:09	42902 MIDD_T2	13	27	14	0.58	0.38	-0.2	-0.29	-0.38	0	0	0	0	0
1/18/2024 17:09	56802 BENV_T2	1	1	0	1.2	2	0.8	-1.12	-1.04	0	0	0	0	0
1/18/2024 17:12	54601 SUMM_T2	0	0	0	0	0	0	-1.74	-1.63	2	2	0	2100	2100
1/18/2024 17:12	59301 MCAL_T1	1	2	1	0.1	0.1	0	0	0	0	0	0	0	0
1/18/2024 17:15	64702 LITI_T2	0	0	0	0	0	0	-0.73	-0.78	0	0	0	0	0
1/18/2024 17:15	47401 PENS_T1	0	0	0	0	0	0	0.99	0.89	0	0	0	0	0
1/18/2024 17:16	65604 QVIL_T2	0	1	1	0	0	0	0.5	0.55	0	0	0	0	0
1/18/2024 17:17	67502 WEWI_T2	0	0	0	0	0	0	-1.16	-1.18	1	1	0	900	900
1/18/2024 17:17	28805 LAKE_T1	0	0	0	0	0	0	-0.17	-0.16	0	0	0	0	0
1/18/2024 17:18	16402 MOPO_T1	18	43	25	0.37	0.39	0.02	0.32	0.33	0	0	0	0	0
1/18/2024 17:19	46902 MNTG_T2	12	4	-8	0.16	0.1	-0.06	0	0	0	0	0	0	0
1/18/2024 17:19	56501 ROCK_T2	2	5	3	0.75	0.4	-0.35	-2.08	-2.04	0	0	0	0	0
1/18/2024 17:20	17802 GILB_T1	0	0	0	0	0	0	0.66	0.73	0	0	0	0	0
1/18/2024 17:21	52102 MEIS_T1	0	0	0	0	0	0	0	0	1	1	0	450	450
1/18/2024 17:22	61102 BERK_T5	0	0	0	0	0	0	0.8	0.78	1	1	0	300	300
1/18/2024 17:22	49803 UNIV_T1	0	5	5	0	0.15	0.15	-0.92	-0.88	0	0	0	0	0
1/18/2024 17:22	67503 WEWI_T2	0	1	1	0	0	0	0.14	0.14	0	0	0	0	0
1/18/2024 17:23	60803 BUCK_T1	0	0	0	0	0	0	-0.41	-0.41	1	1	0	600	600
1/18/2024 17:23	64801 MONE_T2	0	0	0	0	0	0	-0.39	-0.41	0	0	0	0	0
1/18/2024 17:23	45501 DERR_T2	3	6	3	0.73	0.68	-0.05	0.51	0.6	2	2	0	1800	1800
1/18/2024 17:24	11104 EGYP_T1	24	55	31	0.39	0.42	0.03	0.58	0.57	0	0	0	0	0
1/18/2024 17:25	56501 ROCK_T2	2	5	3	0.75	0.4	-0.35	0	0	0	0	0	0	0
1/18/2024 17:25	10805 CHHI_T2	13	11	-2	3.01	2.97	-0.04	-0.81	-0.74	1	1	0	600	600
1/18/2024 17:25	44901 SCOT_T2	0	0	0	0	0	0	-0.84	-0.83	0	0	0	0	0
1/18/2024 17:27	49804 UNIV_T1	4	3	-1	0.65	0.9	0.25	0	0	0	0	0	0	0
1/18/2024 17:27	17805 GILB_T2	0	0	0	0	0	0	-0.46	-0.47	0	0	0	0	0
1/18/2024 17:28	42902 MIDD_T2	26	45	19	0.68	0.33	-0.35	-0.38	-0.33	0	0	0	0	0
1/18/2024 17:29	56801 BENV_T1	7	6	-1	0.34	0.47	0.13	-0.44	-0.41	1	1	0	600	600
1/18/2024 17:30	53901 HAU_T2	0	47	47	0	0.26	0.26	-1.34	-1.3	0	0	0	0	0
1/18/2024 17:31	46301 ROHR_T1	1	2	1	1.9	0.9	-1	0	0	0	0	0	0	0
1/18/2024 17:32	56802 BENV_T2	1	1	0	4.3	1.8	-2.5	-1.04	-1.06	0	0	0	0	0
1/18/2024 17:33	14403 SSLA_T1	0	0	0	0	0	0	1.09	1.08	0	0	0	0	0
1/18/2024 17:33	56801 BENV_T1	5	14	9	0.52	0.37	-0.15	-0.44	-0.41	1	1	0	600	600
1/18/2024 17:33	16302 ALPA_T2	0	0	0	0	0	0	-0.49	-0.5	0	0	0	0	0
1/18/2024 17:35	56801 BENV_T1	5	14	9	0.52	0.37	-0.15	-0.44	-0.41	1	1	0	600	600
1/18/2024 17:35	53903 HAU_T2	2	2	0	0.8	0.9	0.1	0	0	0	0	0	0	0
1/18/2024 17:36	55001 NEWP_T1	8	4	-4	0.85	5	4.15	0	0	0	0	0	0	0
1/18/2024 17:36	56501 ROCK_T2	5	2	-3	0.56	0.7	0.14	-4.09	-4.09	0	0	0	0	0
1/18/2024 17:36	56504 ROCK_T2	0	2	2	0	0.5	0.5	-0.24	-0.2	0	0	0	0	0
1/18/2024 17:37	57401 SPAN_T1	0	0	0	0	0	0	-1.39	-1.38	1	1	0	600	600
1/18/2024 17:37	47401 PENS_T1	0	0	0	0	0	0	0.89	0.93	0	0	0	0	0
1/18/2024 17:39	67804 WLAN_T1	0	0	0	0	0	0	-1.84	-1.86	0	0	0	0	0
1/18/2024 17:40	56801 BENV_T1	5	14	9	0.52	0.37	-0.15	-0.41	-0.36	1	1	0	600	600
1/18/2024 17:40	52004 LING_T2	2	1	-1	1.25	1.5	0.25	0	0	0	0	0	0	0
1/18/2024 17:41	47401 PENS_T1	0	0	0	0	0	0	0.93	0.86	0	0	0	0	0
1/18/2024 17:41	16302 ALPA_T2	0	0	0	0	0	0	-0.5	-0.46	0	0	0	0	0
1/18/2024 17:41	42701 AUGU_T1	34	32	-2	0.47	0.44	-0.03	0	0	1	1	0	600	600
1/18/2024 17:42	60201 ATGL_T2	0	0	0	0	0	0	-0.61	-0.6	1	1	0	300	300
1/18/2024 17:42	67503 WEWI_T2	0	1	1	0	0.3	0.3	0.16	0.14	0	0	0	0	0
1/18/2024 17:43	53903 HAU_T2	2	2	0	0.8	0.9	0.1	-0.2	-0.19	0	0	0	0	0
1/18/2024 17:43	65604 QVIL_T2	1	0	-1	0.7	0	-0.7	0.55	0.56	0	0	0	0	0
1/18/2024 17:43	64702 LITI_T2	0	0	0	0	0	0	-0.65	-0.74	0	0	0	0	0
1/18/2024 17:44	56801 BENV_T1	5	14	9	0.52	0.37	-0.15	-0.41	-0.36	1	1	0	600	600
1/18/2024 17:44	57401 SPAN_T1	0	0	0	0	0	0	-2.75	-2.87	2	2	0	1200	1200
1/18/2024 17:45	51604 DUKE_T2	0	0	0	0	0	0	-1.72	-1.7	0	0	0	0	0
1/18/2024 17:45	52102 MEIS_T1	0	0	0	0	0	0	0	0	1	1	0	450	450
1/18/2024 17:47	67204 TEHI_T2	0	0	0	0	0	0	0.29	0.28	0	0	0	0	0
1/18/2024 17:47	56801 BENV_T1	5	15	10	0.32	0.56	0.24	-0.41	-0.36	1	1	0	600	600
1/18/2024 17:47	62604 ENGL_T1	1	1	0	0.3	0.3	0	-0.4	-0.31	1	1	0	600	600
1/18/2024 17:49	62604 ENGL_T1	1	1	0	0.3	0.3	0	-0.4	-0.31	1	1	0	600	600
1/18/2024 17:50	64303 LINC_T1	0	0	0	0	0	0	-0.22	-0.2	0	0	0	0	0
1/18/2024 17:51	42701 AUGU_T1	32	25	-7	0.61	0.42	-0.19	0	0	1	1	0	600	600
1/18/2024 17:52	52102 MEIS_T1	0	0	0	0	0	0	0	0	1	1	0	450	450
1/18/2024 17:52	61306 EARL_T1	0	4	4	0	0.23	0.23	0	0	0	0	0	0	0
1/18/2024 17:53	67804 WLAN_T1	0	0	0	0	0	0	-0.92	-0.93	0	0	0	0	0
1/18/2024 17:53	65001 NEFF_T2	0	0	0	0	0	0	-0.77	-0.77	1	1	0	1200	1200
1/18/2024 17:53	59101 WALK_T2	0	0	0	0	0	0	0.57	1.12	1	2	1	450	1050 600
1/18/2024 17:54	16401 MOPO_T1	1	1	0	0.2	0	-0.2	0	0	0	0	0	0	0
1/18/2024 17:55	27101 GFLD_T2	1	1	0	0.7	0.4	-0.3	-0.13	-0.15	1	1	0	600	600
1/18/2024 17:56	10805 CHHI_T2	11	7	-4	2.88	2.24	-0.64	-0.82	-0.85	1	1	0	600	600
1/18/2024 17:56	17803 GILB_T2	4	1	-3	0.5	0	-0.5	0	0	0	0	0	0	0
1/18/2024 17:59	10801 CHHI_T1	0	1	1	0	0	0	-1.21	-1.27	2	2	0	1500	1500
1/18/2024 18:02	43103 SMIL_T2	0	1	1	0	0.1	0.1	0	0	0	0	0	0	0
1/18/2024 18:02	17802 GILB_T1	3	0	-3	0.5	0	-0.5	0.39	0.39	0	0	0	0	0
1/18/2024 18:03	56801 BENV_T1	13	8	-5	0.4	0.69	0.29	-0.72	-0.88	2	2	0	1200	1200
1/18/2024 18:03	55001 NEWP_T1	4	3	-1	1.48	0.35	-1.13	-0.55	-0.58	1	1	0	600	600
1/18/2024 18:03	56802 BENV_T2	1	1	0	1.8	0	-1.8	-1.03	-1.05	0	0	0	0	0
1/18/2024 18:03	17802 GILB_T1	3	0	-3	0.5	0	-0.5	0.39	0.39	0	0	0	0	0
1/18/2024 18:04	58401 MORO_T1	1	1	0	0.9	0.2	-0.7	-0.74	-0.76	1	1	0	600	600
1/18/2024 18:04	44905 SCOT_T1	69	76	7	1.3	1.61	0.31	0	0	0	0	0	0	0
1/18/2024 18:04	56801 BENV_T1	13	8	-5	0.4	0.69	0.29	-0.36	-0.44	1	1	0	600	600
1/18/2024 18:07	17805 GILB_T2	1	0	-1	2	0	-2	0	0	0	0	0	0	0
1/18/2024 18:07	52004 LING_T2	1	1	0	1.5	1.3	-0.2	0	0	0	0	0	0	0
1/18/2024 18:07	44905 SCOT_T1	69	76	7	1.3	1.61	0.31	0	0	0	0	0	0	0
1/18/2024 18:08	56802 BENV_T2	1	1	0	1.8	0	-1.8	-1.03	-1.05	0	0	0	0	0
1/18/2024 18:08	43201 MVIL_T2	0	0	0	0	0	0	-0.25	-0.28	0	0	0	0	0
1/18/2024 18:08	55002 NEWP_T1	0	0	0	0	0	0	-0.15	-0.14	0	0	0	0	0
1/18/2024 18:08	53502 EVIL_T2	0	11	11	0	0	0	0	0	0	0	0	0	0
1/18/2024 18:12	44903 SCOT_T1	1	12	11	0.2	0	-0.2	0	0	0	0	0	0	0
1/18/2024 18:13	53901 HAU_T2	47	63	16	0.25	0.29	0.04	0	0

1/18/2024 18:44	55105 WERT_T1	0	0	0	0	0	0	-0.28	-0.25	1	1	0	900	900	0
1/18/2024 18:45	46206 DANV_T2	14	6	-8	0.46	0.4	-0.06	0	0	0	0	0	0	0	0
1/18/2024 18:45	42903 MIDD_T2	2	2	0	1.25	0.4	-0.85	0	0	0	0	0	0	0	0
1/18/2024 18:46	67805 WLAN_T1	43	49	6	0.12	0.12	0	0	0	0	0	0	0	0	0
1/18/2024 18:46	16302 ALPA_T2	0	0	0	0	0	0	-0.6	-0.56	0	0	0	0	0	0
1/18/2024 18:47	28702 HAML_T2	0	0	0	0	0	0	-0.08	-0.1	0	0	0	0	0	0
1/18/2024 18:47	64303 LINC_T1	0	0	0	0	0	0	-0.21	-0.22	0	0	0	0	0	0
1/18/2024 18:47	11104 EGYP_T1	0	0	0	0	0	0	-0.3	-0.37	1	1	0	900	900	0
1/18/2024 18:47	57403 SPAN_T1	1	1	0	0.1	0	-0.1	0.22	0.17	0	0	0	0	0	0
1/18/2024 18:47	52102 MEIS_T1	0	1	1	0	0.4	0.4	0	0	1	1	0	450	450	0
1/18/2024 18:49	56504 ROCK_T2	1	0	-1	0.6	0	-0.6	0	0	0	0	0	0	0	0
1/18/2024 18:49	62604 ENGI_T1	1	1	0	0.2	0.1	-0.1	-0.4	-0.37	1	1	0	600	600	0
1/18/2024 18:49	53601 DALM_T2	0	0	0	0	0	0	-0.56	-0.56	1	1	0	600	600	0
1/18/2024 18:50	15604 NSTR_T1	12	20	8	0.5	0.6	0.1	-0.32	-0.33	0	0	0	0	0	0
1/18/2024 18:51	66901 SHIL_T2	10	11	1	0.16	0.15	-0.01	-1.55	-1.56	1	1	0	1200	1200	0
1/18/2024 18:51	56802 BENV_T2	0	0	0	0	0	0	-1.04	-1.08	0	0	0	0	0	0
1/18/2024 18:51	67804 WLAN_T1	0	0	0	0	0	0	-0.93	-0.94	0	0	0	0	0	0
1/18/2024 18:51	61102 BERK_T5	1	0	-1	0.1	0	-0.1	0.81	0.84	1	1	0	300	300	0
1/18/2024 18:51	56801 BENV_T1	7	1	-6	0.71	0.1	-0.61	-0.46	-0.41	1	1	0	600	600	0
1/18/2024 18:52	52102 MEIS_T1	0	1	1	0	0.4	0.4	0	0	1	1	0	450	450	0
1/18/2024 18:52	56802 BENV_T2	0	0	0	0	0	0	-1.04	-1.08	0	0	0	0	0	0
1/18/2024 18:52	53601 DALM_T2	0	0	0	0	0	0	-0.56	-0.56	1	1	0	600	600	0
1/18/2024 18:52	53501 EVIL_T2	0	2	2	0	0.65	0.65	-1.43	-1.46	2	2	0	1200	1200	0
1/18/2024 18:52	16302 ALPA_T2	0	0	0	0	0	0	-0.6	-0.56	0	0	0	0	0	0
1/18/2024 18:53	64702 LITI_T2	0	0	0	0	0	0	-0.69	-0.78	0	0	0	0	0	0
1/18/2024 18:53	49803 UNIV_T1	0	0	0	0	0	0	-0.86	-0.86	0	0	0	0	0	0
1/18/2024 18:53	10805 CHHI_T2	7	7	0	1.87	1.84	-0.03	-0.83	-0.78	1	1	0	600	600	0
1/18/2024 18:54	15604 NSTR_T1	12	20	8	0.5	0.6	0.1	-0.33	-0.33	0	0	0	0	0	0
1/18/2024 18:54	46203 DANV_T2	1	3	2	0.1	0.1	0	-0.87	-0.85	0	0	0	0	0	0
1/18/2024 18:54	44301 BEAV_T2	1	5	4	1	2.1	1.1	-0.03	-0.08	1	1	0	600	600	0
1/18/2024 18:54	44905 SCOT_T1	69	92	23	1.04	2.22	1.18	0	0	0	0	0	0	0	0
1/18/2024 18:55	14403 SSLA_T1	0	0	0	0	0	0	1.09	1.1	0	0	0	0	0	0
1/18/2024 18:55	54601 SUMM_T2	0	0	0	0	0	0	-1.73	-1.75	2	2	0	2100	2100	0
1/18/2024 18:55	56802 BENV_T2	0	0	0	0	0	0	-1.08	-1.01	0	0	0	0	0	0
1/18/2024 18:55	64201 KINZ_T1	0	0	0	0	0	0	-1.3	-1.29	3	3	0	1500	1500	0
1/18/2024 18:55	46206 DANV_T2	14	6	-8	0.46	0.4	-0.06	2.2	2.14	1	1	0	1200	1200	0
1/18/2024 18:55	52004 LING_T2	1	1	0	1.4	1.1	-0.3	0	0	0	0	0	0	0	0
1/18/2024 18:55	44903 SCOT_T1	0	0	0	0	0	0	-0.02	-0.02	0	0	0	0	0	0
1/18/2024 18:55	60801 BUCK_T1	0	0	0	0	0	0	-0.79	-0.77	1	1	0	600	600	0
1/18/2024 18:55	56501 ROCK_T2	120	191	71	0.2	0.29	0.09	0	0	0	0	0	0	0	0
1/18/2024 18:56	66501 SMAN_T2	1	0	-1	0.1	0	-0.1	0	0	0	0	0	0	0	0
1/18/2024 18:56	52004 LING_T2	1	1	0	1.4	1.1	-0.3	0	0	0	0	0	0	0	0
1/18/2024 18:56	46203 DANV_T2	1	3	2	0.1	0.1	0	-0.87	-0.85	0	0	0	0	0	0
1/18/2024 18:56	44301 BEAV_T2	1	5	4	1	2.1	1.1	-0.03	-0.08	1	1	0	600	600	0
1/18/2024 18:56	64101 REFR_T1	0	1	1	0	0	0	0.18	0.12	0	0	0	0	0	0
1/18/2024 18:56	65001 NEFF_T2	0	0	0	0	0	0	-0.79	-0.84	1	1	0	1200	1200	0
1/18/2024 18:56	44601 SALE_T2	0	0	0	0	0	0	0.1	0.01	0	0	0	0	0	0
1/18/2024 18:56	64802 MONE_T2	0	0	0	0	0	0	0.06	0.03	0	0	0	0	0	0
1/18/2024 18:57	64202 KINZ_T1	0	2	2	0	0.2	0.2	0	0	0	0	0	0	0	0
1/18/2024 18:57	66504 SMAN_T2	0	0	0	0	0	0	-1.11	-1.19	1	1	0	1200	1200	0
1/18/2024 18:57	67503 WEWI_T2	0	0	0	0	0	0	0.13	0.11	0	0	0	0	0	0
1/18/2024 18:57	15604 NSTR_T1	12	20	8	0.5	0.6	0.1	-0.33	-0.33	0	0	0	0	0	0
1/18/2024 18:57	65901 SAKR_T2	1	1	0	8.3	8.5	0.2	-0.96	-1.05	1	1	0	900	900	0
1/18/2024 18:57	52102 MEIS_T1	0	1	1	0	0.4	0.4	0	0	1	1	0	450	450	0
1/18/2024 18:57	17802 GILB_T1	0	0	0	0	0	0	0.36	0.31	0	0	0	0	0	0
1/18/2024 18:57	67602 WARW_T2	0	0	0	0	0	0	0.6	0.56	1	1	0	1200	1200	0
1/18/2024 18:58	53903 HALI_T2	2	7	5	1.4	0.53	-0.87	-0.15	-0.16	0	0	0	0	0	0
1/18/2024 18:58	60803 BUCK_T1	0	0	0	0	0	0	-0.47	-0.47	1	1	0	600	600	0
1/18/2024 18:58	56802 BENV_T2	0	0	0	0	0	0	-1.08	-1.01	0	0	0	0	0	0
1/18/2024 18:58	61103 BERK_T5	0	0	0	0	0	0	0.09	0.1	0	0	0	0	0	0
1/18/2024 18:58	53903 HALI_T2	2	7	5	1.4	0.53	-0.87	-0.15	-0.16	0	0	0	0	0	0
1/18/2024 18:58	67605 WARW_T1	0	0	0	0	0	0	-0.82	-0.79	0	0	0	0	0	0
1/18/2024 18:58	57403 SPAN_T1	1	1	0	0.1	0	-0.1	0.17	0.22	0	0	0	0	0	0
1/18/2024 18:59	46206 DANV_T2	14	6	-8	0.46	0.4	-0.06	2.2	2.14	1	1	0	1200	1200	0
1/18/2024 18:59	46903 MNTG_T2	1	75	74	0.1	0.18	0.08	-0.25	-0.22	1	1	0	600	600	0
1/18/2024 18:59	47401 PENS_T1	0	0	0	0	0	0	0.9	0.85	0	0	0	0	0	0
1/18/2024 18:59	45501 DERR_T2	0	4	4	0	0	0	0.59	0.66	2	2	0	1800	1800	0
1/18/2024 18:59	56504 ROCK_T2	1	0	-1	0.6	0	-0.6	0	0	0	0	0	0	0	0
1/18/2024 18:59	56802 BENV_T2	0	0	0	0	0	0	-1.08	-1.01	0	0	0	0	0	0
1/18/2024 18:59	64101 REFR_T1	0	1	1	0	0	0	0.18	0.12	0	0	0	0	0	0
1/18/2024 19:00	63404 HONY_T1	2	2	0	6.5	6.7	0.2	0	0	0	0	0	0	0	0
1/18/2024 19:00	57304 MOAL_T2	0	0	0	0	0	0	-0.41	-0.36	0	0	0	0	0	0
1/18/2024 19:00	46206 DANV_T2	6	1	-5	0.37	0	-0.37	2.2	2.14	1	1	0	1200	1200	0
1/18/2024 19:00	53501 EVIL_T2	2	2	0	0.65	0.15	-0.5	-1.46	-1.38	2	2	0	1200	1200	0
1/18/2024 19:01	56501 ROCK_T2	183	188	5	0.29	0.26	-0.03	-2.05	-2.05	0	0	0	0	0	0
1/18/2024 19:01	64101 REFR_T1	0	0	0	0	0	0	0.09	0.06	0	0	0	0	0	0
1/18/2024 19:01	42903 MIDD_T2	2	0	-2	0.4	0	-0.4	0	0	0	0	0	0	0	0
1/18/2024 19:01	17802 GILB_T1	0	0	0	0	0	0	0.36	0.31	0	0	0	0	0	0
1/18/2024 19:01	53501 EVIL_T2	2	2	0	0.65	0.15	-0.5	-1.46	-1.38	2	2	0	1200	1200	0
1/18/2024 19:01	65901 SAKR_T2	1	1	0	7.9	8.5	0.6	-0.96	-1.05	1	1	0	900	900	0
1/18/2024 19:01	10801 CHHI_T1	0	1	1	0	0	0	-1.23	-1.28	2	2	0	1500	1500	0
1/18/2024 19:02	60201 ATGL_T2	0	0	0	0	0	0	-0.58	-0.65	1	1	0	300	300	0
1/18/2024 19:02	57401 SPAN_T1	0	0	0	0	0	0	-1.19	-1.15	1	1	0	600	600	0
1/18/2024 19:02	56802 BENV_T2	0	1	1	0	0.2	0.2	-1.08	-1.01	0	0	0	0	0	0
1/18/2024 19:02	67805 WLAN_T1	15	142	127	0.13	0.2	0.07	0	0	0	0	0	0	0	0
1/18/2024 19:02	61306 EARL_T1	2	6	4	0.1	0.22	0.12	0	0	0	0	0	0	0	0
1/18/2024 19:02	57304 MOAL_T2	0	0	0	0	0	0	-0.41	-0.36	0	0	0	0	0	0
1/18/2024 19:02	43202 MVIL_T2	0	0	0	0	0	0	-0.61	-0.58	0	0	0	0	0	0
1/18/2024 19:02	67605 WARW_T1	0	0	0	0	0	0	-0.82	-0.79	0	0	0	0	0	0
1/18/2024 19:02	56801 BENV_T1	1	1	0	0.1	0	-0.1	-0.41	-0.44	1	1	0	600	600	0
1/18/2024 19:02	66703 STRA_T1	1	1	0	0.4	0.4	0	-0.05	-0.07	0	0	0	0	0	0
1/18/2024 19:03	55002 NEWP_T1	3	5	2	0.3	0.38	0.08	-0.15	-0.14	0	0	0	0	0	0
1/18/2024 19:03	46203 DANV_T2	3	1	-2	0.1	0	-0.1	-0.87	-0.85	0	0	0	0	0	0
1/18/2024 19:03	46204 DANV_T2	2	2	0	0.4	0	-0.4	0	0	0	0	0	0	0	0
1/18/2024 19:03	67503 WEWI_T2	0	0	0	0	0	0	0.13	0.11	0	0	0	0	0	0
1/18/2024 19:03	60501 NMAN_T2	3	3	0	4.27	4.33	0.06	0	0	0	0	0	0	0	0
1/18/2024 19:03	56501 ROCK_T2	183	188	5	0.29	0.26	-0.03	-2.05	-2.05	0	0	0	0	0	0
1/18/2024 19:03	46301 ROHR_T1	1	1	0	2	2	0	0.3	0.29	0	0	0	0	0	0
1/18/2024 19:03	54601 SUMM_T2	0	0	0	0	0	0	-1.73	-1.75	2	2	0	2100	2100	0
1/18/2024 19:04	64303 LINC_T1	0	0	0	0	0	0	-0.22	-0.23	0	0	0	0	0	0
1/18/2024 19:04	53901 HALI_T2	34	40	6	0.19	0.22	0.03	-2.76	-2.75	0	0	0	0	0	0
1/18/2024 19:04	46302 ROHR_T1	6	15	9	0.72	1.67	0.95	0	0	0	0	0	0	0	0
1/18/2024 19:04	46802 HEPB_T1	1	1	0	1.1	1.4	0.3	-0.89	-0.89	0	0	0	0	0	0
1/18/2024 19:04	56802 BENV_T2	0	1	1	0	0.2	0.2	-1.08	-1.01	0	0	0	0	0	0
1/18/2024 19:05	55001 NEWP_T1	2	0	-2	0.65	0	-0.65	0	0	0	0	0	0	0	0
1/18/2024 19:05	45502 DERR_T2	0	2	2	0	0	0	0	0	0	0	0	0	0	0
1/18/2024 19:05	60803 BUCK_T1	0	0	0	0	0	0	-0.47	-0.47	1	1	0	600	600	0
1/18/2024 19:05	56501 ROCK_T2	183	188	5	0.29	0.26	-0.03	-2.05	-2.05	0	0	0	0	0	0
1/18/2024 19:06	55001 NEWP_T1	2	0	-2	0.65	0	-0.65	0	0	0	0	0	0	0	0
1/18/2024 19:06	64201 KINZ_T1	0	0	0	0	0	0	-1.3	-1.29	3	3	0	1500	1500	0
1/18/2024 19:06	61801 EEU_T2	1	1	0	0.8	0.3	-0.5	-0.36	-0.47	0	0	0	0	0	0
1/18/2024 19:06	52504 PROG_T1	3	0	-3	0.1	0	-0.1	0	0	0	0	0	0	0	0
1/18/2024 19:06	64101 REFR_T1	0	0	0	0	0	0	0.18	0.12	0	0	0	0	0	0
1/18/2024 19:06	65001 NEFF_T2	0	0	0	0	0	0	-0.79	-0.84	1	1	0	1200	1200	0
1/18/2024 19:07	43202 MVIL_T2	0	0	0	0	0	0	-0.61	-0.58	0	0	0	0	0	0
1/18/2024 19:07	67402 WAKE_T2	0	0	0	0	0	0	-0.24	-0.29	1	1	0	600	600	0
1/18/2024 19:08	62604 ENGI_T1	1	1	0	0.1	0.1	0	-0.37	-0.38	1	1	0	600	600	0
1/18/2024 19:08	56802 BENV_T2	0	1	1	0	0.2	0.2	-1.08	-1.01	0	0	0	0	0	0
1/18/2024 19:08	67502 WEWI_T2	0	0	0	0	0	0	-1.3	-1.35	1	1	0	900	900	0
1/18/2024 19:09	64303 LINC_T1	0	0	0	0	0	0	-0.23	-0.23	0	0	0	0	0	0
1/18/2024 19:09	42902 MIDD_T2	10	6	-4	0.64	0.5	-0.14	0	0	0	0	0	0	0	0
1/18/2024 19:09	42701 ALGU_T1	4	10	6	0.28	0.48	0.2	0	0	1	1	0	600	600	0
1/18/2024 19:09	59101 WALK_T2	0	0	0	0	0	0	0.22	0.92	2	1	-1	1050	450	-600
1/18/2024 19:10	53903 HALI_T2	7	2	-5	0.53	1.45	0.92	0	0	0	0	0	0	0	0
1/18/2024 19:10	43102 SMIL_T2	6	6	0	0.5	0.55	0.05	0	0	0	0	0	0	0	0
1/18/2024 19:10	56802 BENV_T2	0	1	1	0	0.2	0.2	-1.01	-1.08	0	0	0	0	0	0
1/18/2024 19:10	47401 PENS_T1	0	0	0	0	0	0	0.85	0.84	0	0	0	0	0	0
1/18/2024 19:10	67203 TEHI_T1	0	0	0	0	0	0	2.11	2.11	1	1	0	600	600	0
1/18/2024 19:10	46206 DANV_T2	6	1	-5	0.37	0	-0.37	0	0	0	0	0	0	0	0
1/18/2024 19:10	59101 WALK_T2	0	0	0	0	0	0	0.22	0.92	2	1	-1	1050	450	-600
1/18/2024 19:10	55002 NEWP_T1	3	5	2	0.3	0.38	0.08	-0.14	-0.16	0	0	0	0	0	0
1/18/2024 19:10	44301 BEAV_T2	5	5	0	0.9	2.1	1.2	-0.08	0.01	1	1	0	600	600	0
1/18/2024 19:10	62604 ENGI_T1	1	1	0	0.1	0.1	0	-0.38	-0.42	1	1	0	600	600	0
1/18/2024 19:11	46903 MNTG_T2	12	75	63	0.13	0.18	0.05	0	0	0	0	0	0	0	0
1/18/2024 19:11	14404 SSLA_T1	1	0	-1	0.2	0	-0.2	0	0	0	0	0	0	0	0
1/18/2024 19:11	43001 ALWD_T1	13	18	5	0.34	0.32	-0.02	0	0	0	0	0	0	0	0
1/18/2024 19:11	53901 HALI_T2	34	40	6	0.19	0.22	0.03	-1.37	-1.35	0	0	0	0	0	0
1/18/2024 19:11	55002 NEWP_T1	3	5	2	0.3	0.38	0.08	-0.28	-0.32	0	0	0	0	0	0
1/18/2024 19:11	58402 MORO_T1	0	4	4	0	0	0	0	0	0	0	0	0	0	0
1/18/2024 19:11	40902 JESH_T1	0	0	0	0	0	0	-0.49	-0.52	0	0	0	0	0	0
1/18/2024 19:11	44901 SCOT_T2	0	0	0	0	0	0	-0.92	-0.9	0	0	0	0	0	0
1/18/2024 19:11	45702 LIND_T2	1	1	0	0.4	0.5	0.1	-0.31	-0.32	0	0	0	0	0	0
1/18/2024 19:12	67901 WINO_T2	90	146	56	0.32	0.37	0.05	-0.42	-0.4	0	0	0	0	0	0
1/18/2024 19:12	65902 SAKR_T2	0	0	0	0	0	0	-0.43	-0.5	1	1	0	300	300	0
1/18/2024 19:12	59101 WALK_T2	0	0	0	0	0	0	0.22	0.92	2	1	-1	1050	450	-600
1/18/2024 19:12	46901 MNTG_T2	1	1	0	0.2	0.1	-0.1	0	0	0	0	0	0	0	0
1/18/2024 19:12	54601 SUMM_T2	0	0	0	0	0	0	-1.75	-1.73	2	2	0	2100	2100	0
1/18/2024 19:12	44301 BEAV_T2	5	5	0	0.9	2.1	1.2	-0.08	0.01	1	1	0	600	600	0
1/18/2024 19:13	43105 SMIL_T2	7	5	-2	0.11	0.12	0.01	0	0	0	0	0	0	0	0
1/18/2024 19:13	46204 DANV_T2	2	2	0	0.4	0	-0.4	0	0	0	0	0	0	0	0
1/18/2024 19:14	59101 WALK_T2	0	0	0	0	0	0	0.22	0.92	2	1	-1	1050	450	-600
1/18/2024 19:14	67805 WLAN_T1	15	142	127	0.13	0.2	0.07	0	0	0	0	0	0	0	0
1/18/2024 19:14	49803 UNIV_T1	0	1	1	0	0	0	-0.86	-0.84	0	0	0	0	0	0
1/18/2024 19:14	61801 EEU_T2	1	1	0	0.8	0.3	-0.5	-0.24	-0.22	0	0	0	0	0	0
1/18/2024 19:15	59102 WALK_T2	0	0	0	0	0	0	0.3	0.31	0	0	0	0	0	0
1/18/2024 19:16	56801 BENV_T1	0	6	6	0	0.28	0.28	-0.44	-0.4	1	1	0	600	600	0
1/18/2024 19:17	46901 MNTG_T2	1	1	0	0.1	0.1	0	0	0	0	0	0	0	0	0
1/18/2024 19:33	65001 NEFF_T2	0	0	0	0	0	0	-0.84	-0.86	1	1	0	1200	1200	0
1/18/2024 19:38	67602 WARW_T2	0	0	0	0	0	0	0.57	0.56	1	1	0	1200	1200	0
1/18/2024 20:43	67602 WARW_T2	0	0	0	0	0	0	0.56	0.53	1	1	0	1200	1200	0
1/18/2024 20:52	65001 NEFF_T2	9	111	102	0.14	0.15	0.01	-0.9	-0.88	1	1	0	1200	1200	0
1/18/2024 21:39	65001 NEFF_T2	134	226	92	0.16	0.26	0.1	-0.96	-1.01	1	1	0	1200	1200	0
1/18/2024 22:11	65003 NEFF_T2	5	0	-5	0.18	0	-0.18	0	0	0	0	0	0	0	0
1/18/2024 22:41	65001 NEFF_T2	0	0	0	0	0	0	-1.07	-1.07	1	1	0	1200	1200	0
1/18/2024 23:40	65001 NEFF_T2	0	0	0	0	0	0	-1.16	-1.19	1	1	0	1200	1200	0
1/18/2024 23:50	65001 NEFF_T2	0	1	1	0	0.1	0.1	-1.16	-1.19	1	1	0	1200	1200	0
1/19/2024 1:25	65001 NEFF_T2	0	0	0	0	0	0	-1.21	-1.27	1	1	0	1200	1200	0
1/19/2024 2:34	53901 HALI_T2	17	2	-15	0.18	0.1	-0.08	-1.36	-1.33	0	0	0	0	0	0
1/19/2024 2:57	53501 EVIL_T2	2	3	1	0.35	0.57	0.22	-1.26	-1.18	1	1	0	600	600	0
1/19/2024 2:59	65001 NEFF_T2	0	0	0	0	0	0	-1.27	-1.28	1	1	0	1200	1200	0
1/19/2024 2:59	59101 WALK_T2	0	0	0	0	0	0	0.93	1	1	1	0	450	450	0
1/19/2024 3:03	17802 GILB_T1	0	0	0	0	0	0	0.29	0.29	0	0	0	0	0	0
1/19/2024 3:26	49803 UNIV_T1	0	0	0	0	0	0	-1.15	-1.12	0	0	0	0	0	0
1/19/2024 3:43	46204 DANV_T2	3	8	5	0.13	0.27	0.14	0	0	0	0	0	0	0	0
1/19/2024 4:33	44905 SCOT_T1	2	3	1	0.5	0.5	0	0	0	0	0	0	0	0	0
1/19/2024 4:35	65001 NEFF_T2	0	0	0	0	0	0	-1.18	-1.14	1	1	0	1200	1200	0
1/19/2024 4:46	65001 NEFF_T2	0	0	0	0	0	0	-1.14	-1.13	1	1	0	1200	1200	0

Appendix C - Grid Benefits Achieved in Each Instance of Active Management

1/19/2024 9:00	60801 BUCK_T1	0	0	0	0	0	0	-0.38	-0.57	1	1	0	600	600	0
1/19/2024 9:00	44905 SCOT_T1	81	89	8	1.85	1.85	0	0	0	0	0	0	0	0	0
1/19/2024 9:00	23401 HONE_T2	1	1	0	0.8	0	-0.8	-0.09	-0.11	0	0	0	0	0	0
1/19/2024 9:00	43304 WATS_T2	25	26	1	0.4	0.42	0.02	-0.62	-0.56	1	1	0	600	600	0
1/19/2024 9:00	52102 MEIS_T1	0	0	0	0	0	0	0	0	1	1	0	450	450	0
1/19/2024 9:00	43001 ALWD_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1/19/2024 9:00	57403 SPAN_T1	0	0	0	0	0	0	0.27	0.28	0	0	0	0	0	0
1/19/2024 9:00	64201 KINZ_T1	0	3	-1	0	0	0	-0.74	-0.78	3	3	0	1500	1500	0
1/19/2024 9:00	46004 BERW_T2	0	5	5	0	0.25	0.25	-0.65	-0.63	0	0	0	0	0	0
1/19/2024 9:00	60701 BREC_T1	0	2	2	0	0.1	0.1	-0.29	-0.26	1	1	0	600	600	0
1/19/2024 9:06	44903 SCOT_T1	15	13	-2	0.56	0.34	-0.22	-0.02	-0.02	0	0	0	0	0	0
1/19/2024 9:06	43001 ALWD_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1/19/2024 9:07	44903 SCOT_T1	15	13	-2	0.56	0.34	-0.22	-0.04	-0.04	0	0	0	0	0	0
1/19/2024 9:07	46206 DANV_T2	7	10	3	0.6	0.55	-0.05	2.74	2.73	1	1	0	1200	1200	0
1/19/2024 9:08	67204 TEHI_T2	0	0	0	0	0	0	0.13	0.1	0	0	0	0	0	0
1/19/2024 9:08	67503 WEWI_T2	1	1	0	0.4	1	0.6	0.16	0.17	0	0	0	0	0	0
1/19/2024 9:09	46204 DANV_T2	13	40	27	0.25	0.32	0.07	0	0	0	0	0	0	0	0
1/19/2024 9:09	67402 WAKE_T2	0	0	0	0	0	0	-0.27	-0.29	1	1	0	600	600	0
1/19/2024 9:09	45502 DERR_T2	1	2	1	0.7	0	-0.7	0	0	0	0	0	0	0	0
1/19/2024 9:09	67204 TEHI_T2	0	0	0	0	0	0	0.1	0.32	0	0	0	0	0	0
1/19/2024 9:09	67503 WEWI_T2	1	1	0	0.4	1	0.6	0.17	0.16	0	0	0	0	0	0
1/19/2024 9:11	45502 DERR_T2	1	2	1	0.7	0	-0.7	0	0	0	0	0	0	0	0
1/19/2024 9:12	60701 BREC_T1	0	2	2	0	0.1	0.1	-0.26	-0.29	1	1	0	600	600	0
1/19/2024 9:12	53601 DALM_T2	1	1	0	0.4	0.7	0.3	0.01	0.06	1	1	0	600	600	0
1/19/2024 9:13	46204 DANV_T2	13	40	27	0.25	0.32	0.07	0	0	0	0	0	0	0	0
1/19/2024 9:15	46903 MNTG_T2	0	0	0	0	0	0	0.04	0.16	1	1	0	600	600	0
1/19/2024 9:15	52101 MEIS_T1	1	1	0	0.5	0.2	-0.3	0	0	0	0	0	0	0	0
1/19/2024 9:15	53902 HALI_T2	3	0	-3	0.1	0	-0.1	0	0	0	0	0	0	0	0
1/19/2024 9:15	64702 LITI_T2	0	0	0	0	0	0	-0.83	-0.72	0	0	0	0	0	0
1/19/2024 9:15	43202 MVIL_T2	0	0	0	0	0	0	-0.51	-0.53	0	0	0	0	0	0
1/19/2024 9:16	53902 HALI_T2	3	0	-3	0.1	0	-0.1	0	0	0	0	0	0	0	0
1/19/2024 9:16	64702 LITI_T2	0	0	0	0	0	0	-0.83	-0.72	0	0	0	0	0	0
1/19/2024 9:16	58402 MORO_T1	0	0	0	0	0	0	-0.75	-0.83	3	3	0	2400	2400	0
1/19/2024 9:16	28704 HAML_T2	3	1	-2	0.23	0.6	0.37	-0.67	-0.66	0	0	0	0	0	0
1/19/2024 9:17	46901 MNTG_T2	1	1	0	0.9	0.9	0	1.72	2.03	0	0	0	0	0	0
1/19/2024 9:17	52101 MEIS_T1	1	1	0	0.5	0.2	-0.3	0	0	0	0	0	0	0	0
1/19/2024 9:17	43202 MVIL_T2	0	0	0	0	0	0	-0.51	-0.53	0	0	0	0	0	0
1/19/2024 9:17	46901 MNTG_T2	1	1	0	0.9	0.9	0	1.72	2.03	0	0	0	0	0	0
1/19/2024 9:17	64702 LITI_T2	0	0	0	0	0	0	-0.83	-0.72	0	0	0	0	0	0
1/19/2024 9:18	46901 MNTG_T2	1	1	0	0.9	0.9	0	0	0	0	0	0	0	0	0
1/19/2024 9:18	58401 MORO_T1	0	0	0	0	0	0	-1.65	-1.69	1	1	0	600	600	0
1/19/2024 9:19	58401 MORO_T1	0	0	0	0	0	0	-1.65	-1.69	1	1	0	600	600	0
1/19/2024 9:19	52101 MEIS_T1	1	1	0	0.5	0.2	-0.3	0	0	0	0	0	0	0	0
1/19/2024 9:20	49804 UNIV_T1	1	1	0	0.6	0.4	-0.2	0	0	0	0	0	0	0	0
1/19/2024 9:20	46901 MNTG_T2	1	1	0	0.9	0.9	0	0	0	0	0	0	0	0	0
1/19/2024 9:22	49803 UNIV_T1	0	0	0	0	0	0	-0.79	-0.82	0	0	0	0	0	0
1/19/2024 9:22	56802 BENV_T2	4	3	-1	0.15	0.23	0.08	-1.23	-1.32	0	0	0	0	0	0
1/19/2024 9:24	56802 BENV_T2	4	3	-1	0.15	0.23	0.08	-1.32	-1.13	0	0	0	0	0	0
1/19/2024 9:25	56802 BENV_T2	4	3	-1	0.15	0.23	0.08	-1.32	-1.13	0	0	0	0	0	0
1/19/2024 9:26	46206 DANV_T2	8	11	3	0.4	0.7	0.3	0	0	0	0	0	0	0	0
1/19/2024 9:26	11104 EGYP_T1	0	0	0	0	0	0	1.04	1	0	0	0	0	0	0
1/19/2024 9:27	46206 DANV_T2	8	11	3	0.4	0.7	0.3	0	0	0	0	0	0	0	0
1/19/2024 9:32	55002 NEWP_T1	5	5	0	0.66	0.78	0.12	-0.11	-0.15	0	0	0	0	0	0
1/19/2024 9:32	59302 MCAL_T1	0	0	0	0	0	0	-0.47	-0.46	1	1	0	600	600	0
1/19/2024 9:33	55002 NEWP_T1	5	5	0	0.66	0.78	0.12	-0.11	-0.15	0	0	0	0	0	0
1/19/2024 9:34	55002 NEWP_T1	5	5	0	0.66	0.78	0.12	-0.22	-0.3	0	0	0	0	0	0
1/19/2024 9:35	56501 ROCK_T2	484	461	-23	0.78	0.6	-0.18	-6.48	-6.48	0	0	0	0	0	0
1/19/2024 9:36	55002 NEWP_T1	5	5	0	0.66	0.78	0.12	-0.11	-0.15	0	0	0	0	0	0
1/19/2024 9:36	65604 QVIL_T2	0	0	0	0	0	0	0.6	0.54	0	0	0	0	0	0
1/19/2024 9:37	56501 ROCK_T2	484	461	-23	0.78	0.6	-0.18	-2.16	-2.16	0	0	0	0	0	0
1/19/2024 9:38	56501 ROCK_T2	484	461	-23	0.78	0.6	-0.18	-6.48	-6.48	0	0	0	0	0	0
1/19/2024 9:38	56801 BENV_T1	3	5	2	0.27	0.18	-0.09	-0.46	-0.45	1	1	0	600	600	0
1/19/2024 9:39	56803 BENV_T1	0	1	1	0	1.6	1.6	0	0	0	0	0	0	0	0
1/19/2024 9:40	56801 BENV_T1	3	5	2	0.27	0.18	-0.09	-0.91	-0.94	2	2	0	1200	1200	0
1/19/2024 9:41	56801 BENV_T1	3	5	2	0.27	0.18	-0.09	-1.82	-1.88	4	4	0	2400	2400	0
1/19/2024 9:41	60101 COCA_T1	0	0	0	0	0	0	-0.76	-0.69	1	1	0	1200	1200	0
1/19/2024 9:41	56802 BENV_T2	3	4	1	0.23	0.18	-0.05	-2.26	-2.27	0	0	0	0	0	0
1/19/2024 9:42	56802 BENV_T2	3	4	1	0.23	0.18	-0.05	-1.13	-1.13	0	0	0	0	0	0
1/19/2024 9:43	52004 LING_T2	1	1	0	1	1.1	0.1	0	0	0	0	0	0	0	0
1/19/2024 9:44	52004 LING_T2	1	1	0	1	1.1	0.1	0	0	0	0	0	0	0	0
1/19/2024 9:46	56802 BENV_T2	3	1	-2	0.2	0.1	-0.1	-1.13	-1.13	0	0	0	0	0	0
1/19/2024 9:48	44901 SCOT_T2	0	0	0	0	0	0	-0.59	-0.56	0	0	0	0	0	0
1/19/2024 9:49	66504 SMAN_T2	0	0	0	0	0	0	-1.06	-1.07	1	1	0	1200	1200	0
1/19/2024 9:50	44901 SCOT_T2	0	0	0	0	0	0	-0.59	-0.56	0	0	0	0	0	0
1/19/2024 9:52	59101 WALK_T2	0	0	0	0	0	0	1.36	1.22	1	1	0	450	450	0
1/19/2024 9:53	66503 SMAN_T2	124	118	-6	0.18	0.17	-0.01	0	0	0	0	0	0	0	0
1/19/2024 9:54	59101 WALK_T2	0	0	0	0	0	0	1.22	1.1	1	1	0	450	450	0
1/19/2024 9:54	67503 WEWI_T2	1	1	0	0.8	0	-0.8	0.24	0.15	0	0	0	0	0	0
1/19/2024 9:55	67503 WEWI_T2	1	1	0	0.8	0	-0.8	0	0	0	0	0	0	0	0
1/19/2024 9:56	59101 WALK_T2	0	0	0	0	0	0	1.22	1.1	1	1	0	450	450	0
1/19/2024 9:56	11104 EGYP_T1	0	5	5	0	0.35	0.35	0.55	0.57	0	0	0	0	0	0
1/19/2024 9:57	53903 HALI_T2	2	2	0	1.45	1.6	0.15	-0.18	-0.17	0	0	0	0	0	0
1/19/2024 10:00	53903 HALI_T2	2	2	0	1.6	1.1	-0.5	-0.18	-0.17	0	0	0	0	0	0
1/19/2024 10:00	57304 MOAL_T2	0	0	0	0	0	0	-0.48	-0.46	0	0	0	0	0	0
1/19/2024 10:01	53903 HALI_T2	2	2	0	1.6	1.1	-0.5	-0.18	-0.17	0	0	0	0	0	0
1/19/2024 10:02	47401 PENS_T1	0	0	0	0	0	0	0.94	0.87	0	0	0	0	0	0
1/19/2024 10:02	57304 MOAL_T2	0	0	0	0	0	0	-0.48	-0.46	0	0	0	0	0	0
1/19/2024 10:03	47401 PENS_T1	0	0	0	0	0	0	1.88	1.74	0	0	0	0	0	0
1/19/2024 10:04	55002 NEWP_T1	3	2	-1	0.3	0.25	-0.05	-0.2	-0.26	0	0	0	0	0	0
1/19/2024 10:04	59302 MCAL_T1	0	0	0	0	0	0	-0.37	-0.42	1	1	0	600	600	0
1/19/2024 10:05	66503 SMAN_T2	118	6	-112	0.17	0.12	-0.05	0	0	0	0	0	0	0	0
1/19/2024 10:05	55002 NEWP_T1	3	2	-1	0.3	0.25	-0.05	-0.1	-0.13	0	0	0	0	0	0
1/19/2024 10:05	54001 SDLE_T1	3	2	-1	0.17	0.25	0.08	0	0	0	0	0	0	0	0
1/19/2024 10:05	60901 SAKR_T2	1	1	0	8.2	7.8	-0.4	-1.05	-1.1	1	1	0	900	900	0
1/19/2024 10:06	55002 NEWP_T1	3	2	-1	0.3	0.25	-0.05	-0.1	-0.13	0	0	0	0	0	0
1/19/2024 10:06	60502 NMAN_T2	0	0	0	0	0	0	-0.02	-0.01	0	0	0	0	0	0
1/19/2024 10:06	54001 SDLE_T1	3	2	-1	0.17	0.25	0.08	0	0	0	0	0	0	0	0
1/19/2024 10:06	42701 AUGU_T1	5	14	9	0.86	0.8	-0.06	0	0	1	1	0	600	600	0
1/19/2024 10:06	67402 WAKE_T2	0	0	0	0	0	0	-0.25	-0.27	1	1	0	600	600	0
1/19/2024 10:07	45501 DERR_T2	8	5	-3	0.78	0.15	-0.63	0.73	0.71	2	2	0	1800	1800	0
1/19/2024 10:07	57401 SPAN_T1	0	0	0	0	0	0	-4.23	-4.33	3	3	0	1800	1800	0
1/19/2024 10:07	66703 STRA_T1	0	0	0	0	0	0	0.14	0.17	0	0	0	0	0	0
1/19/2024 10:08	56501 ROCK_T2	402	424	22	0.46	0.51	0.05	0	0	0	0	0	0	0	0
1/19/2024 10:08	42701 AUGU_T1	5	14	9	0.86	0.8	-0.06	0	0	1	1	0	600	600	0
1/19/2024 10:08	54001 SDLE_T1	3	2	-1	0.17	0.25	0.08	0	0	0	0	0	0	0	0
1/19/2024 10:08	57401 SPAN_T1	0	0	0	0	0	0	-2.82	-2.89	2	2	0	1200	1200	0
1/19/2024 10:08	65901 SAKR_T2	1	1	0	8.2	7.8	-0.4	-1.05	-1.1	1	1	0	900	900	0
1/19/2024 10:09	46204 DANV_T2	49	44	-5	0.38	0.34	-0.04	0	0	0	0	0	0	0	0
1/19/2024 10:09	56803 BENV_T1	1	0	-1	1.9	0	-1.9	0	0	0	0	0	0	0	0
1/19/2024 10:10	46203 DANV_T2	0	1	1	0	0	0	0	0	0	0	0	0	0	0
1/19/2024 10:10	56803 BENV_T1	1	0	-1	1.9	0	-1.9	0	0	0	0	0	0	0	0
1/19/2024 10:10	62604 ENGL_T1	0	1	1	0	0.2	0.2	-0.36	-0.44	1	1	0	600	600	0
1/19/2024 10:11	42701 AUGU_T1	5	14	9	0.86	0.8	-0.06	0	0	1	1	0	600	600	0
1/19/2024 10:11	56801 BENV_T1	5	0	-5	0.18	0	-0.18	-0.46	-0.46	1	1	0	600	600	0
1/19/2024 10:12	27101 GFLD_T2	0	0	0	0	0	0	-0.31	-0.28	1	1	0	600	600	0
1/19/2024 10:12	67402 WAKE_T2	0	0	0	0	0	0	-0.27	-0.21	1	1	0	600	600	0
1/19/2024 10:12	62604 ENGL_T1	0	1	1	0	0.2	0.2	-0.71	-0.88	2	2	0	1200	1200	0
1/19/2024 10:12	53903 HALI_T2	2	2	0	1.6	1.1	-0.5	0	0	0	0	0	0	0	0
1/19/2024 10:13	62604 ENGL_T1	0	1	1	0	0.2	0.2	-0.36	-0.44	1	1	0	600	600	0
1/19/2024 10:13	45501 DERR_T2	8	5	-3	0.78	0.15	-0.63	0.71	0.7	2	2	0	1800	1800	0
1/19/2024 10:13	17803 GILB_T2	3	3	0	0.7	1.05	0.35	0	0	0	0	0	0	0	0
1/19/2024 10:13	53903 HALI_T2	2	2	0	1.6	1.1	-0.5	0	0	0	0	0	0	0	0
1/19/2024 10:15	62604 ENGL_T1	1	1	0	0.2	0.1	-0.1	-0.36	-0.44	1	1	0	600	600	0
1/19/2024 10:15	53903 HALI_T2	2	2	0	1.1	1.05	-0.05	0	0	0	0	0	0	0	0
1/19/2024 10:15	17802 GILB_T1	0	1	1	0	0	0	0.24	0.27	0	0	0	0	0	0
1/19/2024 10:16	43202 MVIL_T2	0	0	0	0	0	0	-0.57	-0.56	0	0	0	0	0	0
1/19/2024 10:18	55002 NEWP_T1	2	1	-1	0.25	0.5	0.25	-0.13	-0.12	0	0	0	0	0	0
1/19/2024 10:19	59302 MCAL_T1	0	0	0	0	0	0	-0.42	-0.36	1	1	0	600	600	0
1/19/2024 10:19	57401 SPAN_T1	0	0	0	0	0	0	-1.44	-1.42	1	1	0	600	600	0
1/19/2024 10:19	56501 ROCK_T2	366	446	80	0.43	0.57	0.14	-2.18	-2.16	0	0	0	0	0	0
1/19/2024 10:20	57401 SPAN_T1	0	0	0	0	0	0	-1.44	-1.42	1	1	0	600	600	0
1/19/2024 10:20	14402 SSLA_T1	4	0	-4	0.38	0	-0.38	0	0	0	0	0	0	0	0
1/19/2024 10:21	67402 WAKE_T2	0	0	0	0	0	0	-0.27	-0.21	1	1	0	600	600	0
1/19/2024 10:22	67402 WAKE_T2	0	0	0	0	0	0	-0.27	-0.21	1	1	0	600	600	0
1/19/2024 10:22	66505 SMAN_T2	0	0	0	0	0	0	0.12	0.03	1	1	0	900	900	0
1/19/2024 10:22	56501 ROCK_T2	366	446	80	0.43	0.57	0.14	-2.18	-2.16	0	0	0	0	0	0
1/19/2024 10:23	43001 ALWD_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1/19/2024 10:26	56501 ROCK_T2	366	446	80	0.43	0.57	0.14	-2.16	-2.15	0	0	0	0	0	0
1/19/2024 10:26	59102 WALK_T2	0	0	0	0	0	0	-0.34	-0.33	1	1	0	600	600	0
1/19/2024 10:26	53601 DALM_T2	6	14	8	1.12	0.35	-0.77	0.07	0.05	1	1	0	600	600	0
1/19/2024 10:27	67402 WAKE_T2	0	0	0	0	0	0	-0.21	-0.25	1	1	0	600	600	0
1/19/2024 10:27	10805 CHHI_T2	10	7	-3	2.77	1.74	-1.03	-1.29	-1.28	2	2	0	1200	1200	0
1/19/2024 10:27	53903 HALI_T2	2	2	0	1.1	1.05	-0.05	-0.59	-0.44	0	0	0	0	0	0
1/19/2024 10:33	16402 MOPO_T1	13	16	3	0.85	1.06	0.21	0.76	0.68	0	0	0	0	0	0
1/19/2024 10:33	55002 NEWP_T1	1	1	0	0.1	0.5	0.4	-0.12	-0.13	0	0	0	0	0	0
1/19/2024 10:36	14402 SSLA_T1	0	1	1	0	0	0	0	0	0	0	0	0	0	0
1/19/2024 10:38	59101 WALK_T2	0	0	0	0	0	0	0.57	0.98	1	1	0	450	450	0
1/19/2024 10:39	46203 DANV_T2	0	0	0	0	0	0	-0.94	-0.97	0	0	0	0	0	0
1/19/2024 10:40	59101 WALK_T2	0	0	0	0	0	0	0.98	1.3	1	1	0	450	450	0
1/19/2024 10:41	17805 GILB_T2	0	0	0	0	0	0	-0.48	-0.47	0	0	0	0	0	0
1/19/2024 10:42	53601 DALM_T2	5	15	10	0.3	0.17	-0.13	0.05	0.06	1	1	0	600	600	0
1/19/2024 10:43	17802 GILB_T1	1	0	-1	0.1	0	-0.1	0.52	0.54	0	0	0	0	0	0
1/19/2024 10:44	17805 GILB_T2	0	0	0	0	0	0	-0.48	-0.47	0	0	0	0	0	0
1/19/2024 10:45	52002 LING_T2	0	0	0	0	0	0	0.15	0.16	0	0	0	0	0	0
1/19/2024 10:46	47403 PENS_T1	1	1	0	1.9	2.3	0.4	0	0	0	0	0	0	0	0
1/19/2024 10:49	47401 PENS_T1	1	1	0	0	0	0	0.93	0.93	0	0	0	0	0	0
1/19/2024 10:49	55002 NEWP_T1	1	1	0	0.5	0.1	-0.4	-0.13	-0.11	0	0	0	0	0	0
1/19/2024 10:50	66703 STRA_T1	0	1	1	0	0	0	0.23	0.18	0	0	0	0	0	0
1/19/2024 10:50	52101 MEIS_T1	0	1	1	0	0.1	0.1	0	0	0	0	0	0	0	0
1/19/2024 10:51	43201 MVIL_T2	0	0	0	0	0	0	-0.28	-0.28	0	0	0	0	0	0
1/19/2024 10:52	14402 SSLA_T1	0	1	1	0	0	0	0	0	0	0	0	0	0	0
1/19/2024 10:52	55105 WERT_T1	0	0	0	0	0	0	-0.31	-0.34	1	1	0	900	900	0
1/19/2024 10:53	43001 ALWD_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1/19/2024 10:54	67402 WAKE_T2	0	0	0	0	0	0	-0.29	-0.27	1	1	0	600	600	0
1/19/2024 10:54	44301 BEAV_T2	3	2	-1	0.97	0	-0.97	0.99	0.87	1	1	0	600	600	0
1/19/2024 10:55	67503 WEWI_T2	1	1	0	0.6	0	-0.6	0.17	0.15	0	0	0	0	0	0
1/19/2024 10:56	44301 BEAV_T2	3	2	-1	0.97	0	-0.97	0.99	0.87	1	1	0	600	600	0
1/19/2024 10:57	44301 BEAV_T2	3	2	-1	0.97	0	-0.97	0.99	0.87	1	1	0	600	600	0
1/19/2024 10:58	43001 ALWD_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1/19/2024 10:59	67402 WAKE_T2	0	0	0	0	0	0	-0.29	-0.27	1	1	0	600	600	0
1/19/2024 11:00	53903 HALI_T2	2	2	0	1	1.2	0.2	0	0	0	0	0	0	0	0
1/19/2024 11:01	64101 REFR_T1	0	0	0	0	0	0	0.08	0.07	0	0	0	0	0	0
1/19/2024 11:03	44601 SALE_T2	0	0	0	0	0	0	0.02	0.01	0	0	0	0	0	0
1/19/2024 11:03	64801 MONE_T2	0	0	0	0	0	0	0.37	0.36	0	0	0	0	0	0
1/19/2024 11:03	56501 ROCK_T2	365	364	-1	0.38	0.36	-0.02	-2.2	-2.17	0	0	0	0	0	0
1/19/2024 11:04	53901 HALI_T2	0	1	1	0	0.2	0.2	0	0	0	0	0	0	0	0
1/19/2024 11:05	44901 SCOT_T2	0	0	0	0	0	0	-0.72	-0.65	0	0	0	0	0	0
1/19/2024 11:07	55105 WERT_T1	0	0

Appendix C - Grid Benefits Achieved in Each Instance of Active Management

1/19/2024 11:23	60201 ATGL_T2	0	0	0	0	0	0	-0.13	-0.09	2	2	0	900	900	0
1/19/2024 11:24	60803 BUCK_T1	0	0	0	0	0	0	-1.14	-1.14	1	1	0	600	600	0
1/19/2024 11:24	43101 SMIL_T2	1	2	1	0.2	0.3	0.1	0	0	0	0	0	0	0	0
1/19/2024 11:24	67503 WEWI_T2	0	0	0	0	0	0	0.14	0.14	0	0	0	0	0	0
1/19/2024 11:24	43001 ALWD_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1/19/2024 11:24	67503 WEWI_T2	0	0	0	0	0	0	0.14	0.14	0	0	0	0	0	0
1/19/2024 11:24	43104 SMIL_T2	0	0	0	0	0	0	-0.62	-0.66	1	1	0	300	300	0
1/19/2024 11:24	64101 REFR_T1	0	0	0	0	0	0	0.09	0.13	0	0	0	0	0	0
1/19/2024 11:24	57403 SPAN_T1	0	0	0	0	0	0	0.25	0.26	0	0	0	0	0	0
1/19/2024 11:24	61103 BERK_T5	0	0	0	0	0	0	0.13	0.15	0	0	0	0	0	0
1/19/2024 11:24	51108 CARL_T1	1	1	0	0.2	0.2	0	0	0	0	0	0	0	0	0
1/19/2024 11:24	66901 SHIL_T2	54	64	10	0.16	0.18	0.02	-1.61	-1.61	1	1	0	1200	1200	0
1/19/2024 11:24	14403 SSLA_T1	0	0	0	0	0	0	1.33	1.27	0	0	0	0	0	0
1/19/2024 11:25	56802 BENV_T2	0	0	0	0	0	0	-2.36	-2.22	0	0	0	0	0	0
1/19/2024 11:25	60803 BUCK_T1	0	0	0	0	0	0	-2.28	-2.28	2	2	0	1200	1200	0
1/19/2024 11:26	51108 CARL_T1	1	1	0	0.2	0.2	0	0	0	0	0	0	0	0	0
1/19/2024 11:26	67502 WEWI_T2	0	0	0	0	0	0	-1.11	-1.1	1	1	0	900	900	0
1/19/2024 11:26	60101 COCA_T1	0	0	0	0	0	0	-0.72	-0.7	1	1	0	1200	1200	0
1/19/2024 11:26	61102 BERK_T5	0	0	0	0	0	0	0.97	1.01	1	1	0	300	300	0
1/19/2024 11:26	61103 BERK_T5	0	0	0	0	0	0	0.13	0.15	0	0	0	0	0	0
1/19/2024 11:26	11104 EGYP_T1	9	5	-4	0.31	0.4	0.09	0.55	0.54	0	0	0	0	0	0
1/19/2024 11:27	11102 EGYP_T1	3	6	3	0.33	0.4	0.07	0	0	0	0	0	0	0	0
1/19/2024 11:29	43001 ALWD_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1/19/2024 11:29	64303 LINC_T1	0	0	0	0	0	0	-0.16	-0.13	0	0	0	0	0	0
1/19/2024 11:30	64202 KINZ_T1	0	1	-1	0	0	0	0	0	0	0	0	0	0	0
1/19/2024 11:31	45702 LIND_T2	1	1	0	1.6	1.9	0.3	-0.42	-0.36	0	0	0	0	0	0
1/19/2024 11:31	55002 NEWP_T1	4	4	0	0.33	0.25	-0.08	-0.12	-0.11	0	0	0	0	0	0
1/19/2024 11:32	64303 LINC_T1	0	0	0	0	0	0	-0.33	-0.27	0	0	0	0	0	0
1/19/2024 11:33	65503 MOJO_T2	0	0	0	0	0	0	-0.3	-0.38	0	0	0	0	0	0
1/19/2024 11:33	55002 NEWP_T1	4	4	0	0.33	0.25	-0.08	-0.12	-0.11	0	0	0	0	0	0
1/19/2024 11:33	65503 MOJO_T2	0	0	0	0	0	0	-0.3	-0.38	0	0	0	0	0	0
1/19/2024 11:33	56501 ROCK_T2	336	411	75	0.36	0.43	0.07	-6.42	-6.48	0	0	0	0	0	0
1/19/2024 11:34	65503 MOJO_T2	0	0	0	0	0	0	-0.3	-0.38	0	0	0	0	0	0
1/19/2024 11:34	56501 ROCK_T2	336	411	75	0.36	0.43	0.07	-4.28	-4.32	0	0	0	0	0	0
1/19/2024 11:34	55002 NEWP_T1	4	4	0	0.33	0.25	-0.08	-0.12	-0.11	0	0	0	0	0	0
1/19/2024 11:35	55002 NEWP_T1	4	4	0	0.33	0.25	-0.08	-0.24	-0.22	0	0	0	0	0	0
1/19/2024 11:36	55002 NEWP_T1	4	4	0	0.33	0.25	-0.08	-0.12	-0.11	0	0	0	0	0	0
1/19/2024 11:36	67001 STHI_T2	62	92	30	0.15	0.16	0.01	0	0	0	0	0	0	0	0
1/19/2024 11:36	56501 ROCK_T2	336	411	75	0.36	0.43	0.07	-4.28	-4.32	0	0	0	0	0	0
1/19/2024 11:36	67402 WAKE_T2	0	0	0	0	0	0	-0.29	-0.25	1	1	0	600	600	0
1/19/2024 11:36	57401 SPAN_T1	0	1	1	0	0.1	0.1	-1.43	-1.49	1	1	0	600	600	0
1/19/2024 11:37	45601 WOOL_T1	0	0	0	0	0	0	-0.32	-0.23	1	1	0	1200	1200	0
1/19/2024 11:37	67001 STHI_T2	62	92	30	0.15	0.16	0.01	0	0	0	0	0	0	0	0
1/19/2024 11:37	57403 SPAN_T1	0	0	0	0	0	0	0.25	0.26	0	0	0	0	0	0
1/19/2024 11:37	57401 SPAN_T1	0	1	1	0	0.1	0.1	-4.3	-4.46	3	3	0	1800	1800	0
1/19/2024 11:37	56501 ROCK_T2	336	411	75	0.36	0.43	0.07	-2.14	-2.16	0	0	0	0	0	0
1/19/2024 11:38	67001 STHI_T2	62	92	30	0.15	0.16	0.01	0	0	0	0	0	0	0	0
1/19/2024 11:38	56504 ROCK_T2	0	0	0	0	0	0	0.07	0.06	0	0	0	0	0	0
1/19/2024 11:38	57401 SPAN_T1	0	1	1	0	0.1	0.1	-1.43	-1.49	1	1	0	600	600	0
1/19/2024 11:38	43001 ALWD_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1/19/2024 11:38	56501 ROCK_T2	336	411	75	0.36	0.43	0.07	-2.14	-2.16	0	0	0	0	0	0
1/19/2024 11:39	60803 BUCK_T1	0	0	0	0	0	0	-1.14	-1.16	1	1	0	600	600	0
1/19/2024 11:39	67002 STHI_T2	2	6	4	0.1	0.13	0.03	0.75	0.75	0	0	0	0	0	0
1/19/2024 11:39	57401 SPAN_T1	0	1	1	0	0.1	0.1	-1.49	-1.36	1	1	0	600	600	0
1/19/2024 11:39	44901 SCOT_T2	0	0	0	0	0	0	-0.66	-0.78	0	0	0	0	0	0
1/19/2024 11:39	56501 ROCK_T2	336	411	75	0.36	0.43	0.07	-2.16	-2.18	0	0	0	0	0	0
1/19/2024 11:39	57403 SPAN_T1	0	0	0	0	0	0	0.26	0.25	0	0	0	0	0	0
1/19/2024 11:39	67402 WAKE_T2	0	0	0	0	0	0	-0.25	-0.23	1	1	0	600	600	0
1/19/2024 11:40	55105 WERT_T1	0	0	0	0	0	0	-0.33	-0.36	1	1	0	900	900	0
1/19/2024 11:40	10805 CHHI_T2	7	7	0	2.46	1.35	-1.11	-0.85	-0.85	1	1	0	600	600	0
1/19/2024 11:40	43001 ALWD_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1/19/2024 11:41	60101 COCA_T1	0	0	0	0	0	0	-1.4	-1.51	2	2	0	2400	2400	0
1/19/2024 11:41	60803 BUCK_T1	0	0	0	0	0	0	-2.28	-2.32	2	2	0	1200	1200	0
1/19/2024 11:41	10801 CHHI_T1	1	1	0	0.4	0	-0.4	-0.94	-1.02	2	2	0	1500	1500	0
1/19/2024 11:41	56501 ROCK_T2	336	411	75	0.36	0.43	0.07	-2.16	-2.18	0	0	0	0	0	0
1/19/2024 11:41	10805 CHHI_T2	7	7	0	2.46	1.35	-1.11	-0.85	-0.85	1	1	0	600	600	0
1/19/2024 11:41	67402 WAKE_T2	0	0	0	0	0	0	-0.25	-0.23	1	1	0	600	600	0
1/19/2024 11:42	43001 ALWD_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1/19/2024 11:42	60101 COCA_T1	0	0	0	0	0	0	-0.7	-0.76	1	1	0	1200	1200	0
1/19/2024 11:43	10801 CHHI_T1	1	1	0	0.4	0	-0.4	-0.94	-1.02	2	2	0	1500	1500	0
1/19/2024 11:43	60101 COCA_T1	0	0	0	0	0	0	-1.4	-1.51	2	2	0	2400	2400	0
1/19/2024 11:44	64702 LITI_T2	0	0	0	0	0	0	-0.79	-0.71	0	0	0	0	0	0
1/19/2024 11:45	43001 ALWD_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1/19/2024 11:47	64702 LITI_T2	0	0	0	0	0	0	-0.79	-0.71	0	0	0	0	0	0
1/19/2024 11:48	64702 LITI_T2	0	0	0	0	0	0	-0.79	-0.71	0	0	0	0	0	0
1/19/2024 11:48	47401 PENS_T1	0	0	0	0	0	0	1.9	1.86	0	0	0	0	0	0
1/19/2024 11:49	47403 PENS_T1	1	1	0	2	2.3	0.3	0	0	0	0	0	0	0	0
1/19/2024 11:50	47401 PENS_T1	0	0	0	0	0	0	0.95	0.93	0	0	0	0	0	0
1/19/2024 11:51	14802 TREI_T2	0	0	0	0	0	0	0.57	0.56	0	0	0	0	0	0
1/19/2024 11:52	67402 WAKE_T2	0	0	0	0	0	0	-0.25	-0.23	1	1	0	600	600	0
1/19/2024 11:52	65604 QVIL_T2	0	0	0	0	0	0	0.57	0.54	0	0	0	0	0	0
1/19/2024 11:53	14802 TREI_T2	0	0	0	0	0	0	0.57	0.56	0	0	0	0	0	0
1/19/2024 11:53	45602 WOOL_T1	1	2	1	0	0.2	0.2	0	0	0	0	0	0	0	0
1/19/2024 11:54	61101 BERK_T5	0	0	0	0	0	0	-1.78	-1.78	0	0	0	0	0	0
1/19/2024 11:54	67401 WAKE_T2	0	1	1	0	0	0	0	0	0	0	0	0	0	0
1/19/2024 11:54	16302 ALPA_T2	0	0	0	0	0	0	-0.39	-0.53	0	0	0	0	0	0
1/19/2024 11:55	51107 CARL_T1	0	0	0	0	0	0	0.19	0.04	0	0	0	0	0	0
1/19/2024 11:55	16302 ALPA_T2	0	0	0	0	0	0	-0.78	-1.05	0	0	0	0	0	0
1/19/2024 11:55	56501 ROCK_T2	272	404	132	0.31	0.43	0.12	-2.18	-2.15	0	0	0	0	0	0
1/19/2024 11:56	10805 CHHI_T2	6	7	1	1.35	1.84	0.49	-1.7	-1.66	2	2	0	1200	1200	0
1/19/2024 11:57	11101 EGYP_T1	0	0	0	0	0	0	0.69	0.66	0	0	0	0	0	0
1/19/2024 11:57	11101 EGYP_T1	0	0	0	0	0	0	0.69	0.66	0	0	0	0	0	0
1/19/2024 11:57	67401 WAKE_T2	0	1	1	0	0	0	0	0	0	0	0	0	0	0
1/19/2024 11:57	10801 CHHI_T1	1	1	0	0.3	0	-0.3	-1.02	-1.02	2	2	0	1500	1500	0
1/19/2024 11:58	10801 CHHI_T1	1	1	0	0.3	0	-0.3	-1.02	-1.02	2	2	0	1500	1500	0
1/19/2024 11:58	51107 CARL_T1	0	0	0	0	0	0	0.19	0.04	0	0	0	0	0	0
1/19/2024 12:03	45702 LIND_T2	1	1	0	1.7	2	0.3	-0.39	-0.42	0	0	0	0	0	0
1/19/2024 12:04	47401 PENS_T1	0	0	0	0	0	0	2.79	2.61	0	0	0	0	0	0
1/19/2024 12:05	47402 PENS_T1	0	1	1	0	0.1	0.1	0	0	0	0	0	0	0	0
1/19/2024 12:21	13302 ORVI_T2	0	6	6	0	0.12	0.12	1.35	1.28	0	0	0	0	0	0
1/19/2024 12:23	67402 WAKE_T2	0	0	0	0	0	0	-0.26	-0.23	1	1	0	600	600	0
1/19/2024 12:24	67401 WAKE_T2	1	0	-1	1	0	-1	0	0	0	0	0	0	0	0
1/19/2024 12:27	61802 EEU_T2	0	0	0	0	0	0	-0.29	-0.32	0	0	0	0	0	0
1/19/2024 12:28	67401 WAKE_T2	1	0	-1	1	0	-1	0	0	0	0	0	0	0	0
1/19/2024 12:29	45702 LIND_T2	1	1	0	2	1.7	-0.3	-0.37	-0.39	0	0	0	0	0	0
1/19/2024 12:30	65502 MOJO_T2	0	0	0	0	0	0	-0.61	-0.57	0	0	0	0	0	0
1/19/2024 12:30	64301 LINC_T1	1	1	0	1.2	0	-1.2	0	0	0	0	0	0	0	0
1/19/2024 12:32	65503 MOJO_T2	0	0	0	0	0	0	-0.42	-0.38	0	0	0	0	0	0
1/19/2024 12:32	64301 LINC_T1	1	1	0	1.2	0	-1.2	0	0	0	0	0	0	0	0
1/19/2024 12:32	60101 COCA_T1	0	0	0	0	0	0	-0.77	-0.76	1	1	0	1200	1200	0
1/19/2024 12:35	65004 NEFF_T2	0	0	0	0	0	0	-0.84	-0.83	1	1	0	600	600	0
1/19/2024 12:36	65503 MOJO_T2	0	0	0	0	0	0	-0.42	-0.38	0	0	0	0	0	0
1/19/2024 12:38	54206 PENN_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1/19/2024 12:39	60101 COCA_T1	0	0	0	0	0	0	-1.52	-1.58	2	2	0	2400	2400	0
1/19/2024 12:40	45601 WOOL_T1	0	0	0	0	0	0	-0.26	-0.24	1	1	0	1200	1200	0
1/19/2024 12:40	60101 COCA_T1	0	0	0	0	0	0	-0.76	-0.79	1	1	0	1200	1200	0
1/19/2024 12:41	60101 COCA_T1	0	0	0	0	0	0	-0.76	-0.79	1	1	0	1200	1200	0
1/19/2024 12:58	67503 WEWI_T2	1	1	0	0.3	0.1	-0.2	0	0	0	0	0	0	0	0
1/19/2024 13:06	58003 WCAR_T1	0	0	0	0	0.3	0.3	0.05	0.06	1	1	0	600	600	0
1/19/2024 13:09	51108 CARL_T1	1	1	0	0.1	0.5	0.4	0	0	0	0	0	0	0	0
1/19/2024 13:09	58003 WCAR_T1	0	1	1	0	0.3	0.3	0.06	0.04	1	1	0	600	600	0
1/19/2024 13:10	54505 ENOL_T2	1	1	0	0.3	0.5	0.2	-1.08	-1.06	1	1	0	600	600	0
1/19/2024 13:11	54502 ENOL_T2	0	0	0	0	0	0	-1.15	-1.15	1	1	0	600	600	0
1/19/2024 13:11	51107 CARL_T1	0	0	0	0	0	0	0.02	-0.19	0	0	0	0	0	0
1/19/2024 13:11	54503 ENOL_T2	0	0	0	0	0	0	-1.71	-1.67	1	1	0	600	600	0
1/19/2024 13:11	65604 QVIL_T2	0	0	0	0	0	0	0.54	0.53	0	0	0	0	0	0
1/19/2024 13:12	54505 ENOL_T2	1	1	0	0.3	0.5	0.2	-1.08	-1.06	1	1	0	600	600	0
1/19/2024 13:13	54502 ENOL_T2	0	0	0	0	0	0	-1.15	-1.15	1	1	0	600	600	0
1/19/2024 13:13	54502 ENOL_T2	0	0	0	0	0	0	-1.15	-1.15	1	1	0	600	600	0
1/19/2024 13:14	54504 ENOL_T2	0	0	0	0	0	0	-0.9	-0.87	1	1	0	600	600	0
1/19/2024 13:14	54505 ENOL_T2	1	1	0	0.3	0.5	0.2	-1.08	-1.06	1	1	0	600	600	0
1/19/2024 13:15	54501 ENOL_T2	0	0	0	0	0	0	0.18	0.19	0	0	0	0	0	0
1/19/2024 13:15	54505 ENOL_T2	1	1	0	0.5	0.5	0	-1.08	-1.06	1	1	0	600	600	0
1/19/2024 13:15	54504 ENOL_T2	0	0	0	0	0	0	-0.9	-0.87	1	1	0	600	600	0
1/19/2024 13:15	54503 ENOL_T2	0	0	0	0	0	0	-1.71	-1.67	1	1	0	600	600	0
1/19/2024 13:16	54505 ENOL_T2	1	1	0	0.5	0.5	0	0	0	0	0	0	0	0	0
1/19/2024 13:18	56501 ROCK_T2	405	402	-3	0.53	0.45	-0.08	-2.2	-2.17	0	0	0	0	0	0
1/19/2024 13:19	56501 ROCK_T2	405	402	-3	0.53	0.45	-0.08	-4.39	-4.34	0	0	0	0	0	0
1/19/2024 13:20	54206 PENN_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1/19/2024 13:21	60803 BUCK_T1	0	0	0	0	0	0	-0.47	-0.47	1	1	0	600	600	0
1/19/2024 13:21	56501 ROCK_T2	405	402	-3	0.53	0.45	-0.08	-4.39	-4.34	0	0	0	0	0	0
1/19/2024 13:22	56504 ROCK_T2	0	0	0	0	0	0	0.1	0.06	0	0	0	0	0	0
1/19/2024 13:22	56501 ROCK_T2	405	402	-3	0.53	0.45	-0.08	-2.2	-2.17	0	0	0	0	0	0
1/19/2024 13:22	64303 LINC_T1	0	0	0	0	0	0	-0.2	-0.2	0	0	0	0	0	0
1/19/2024 13:23	56501 ROCK_T2	405	402	-3	0.53	0.45	-0.08	-6.59	-6.5	0	0	0	0	0	0
1/19/2024 13:26	56501 ROCK_T2	405	402	-3	0.53	0.45	-0.08	-2.17	-2.17	0	0	0	0	0	0
1/19/2024 13:26	54505 ENOL_T2	1	1	0	0.5	0.5	0	-1.06	-1.02	1	1	0	600	600	0
1/19/2024 13:26	17805 GILB_T2	0	0	0	0	0	0	-0.5	-0.56	0	0	0	0	0	0
1/19/2024 13:31	64204 KINZ_T1	0	1	1	0	0.8	0.8	0	0	0	0	0	0	0	0
1/19/2024 13:31	64601 LEOL_T1	0	0	0	0	0	0	-1.65	-0.33	1	0	-1	1200	0	-1200
1/19/2024 13:32	65302 NBRI_T2	0	0	0	0	0	0	-0.13	-0.49	0	0	0	0	0	0
1/19/2024 13:33	65001 NEFF_T2	0	0	0	0	0	0	-0.75	-0.7	1	1	0	1200	1200	0
1/19/2024 13:33	49804 UNIV_T1	0	2	2	0	0.1	0.1	0	0	0	0	0	0	0	0
1/19/2024 13:33	54203 PENN_T1	18	18	0	1.14	1.37	0.23	0	0	0	0	0	0	0	0
1/19/2024 13:33	63203 MGTN_T1	0	0	0	0	0	0	-0.82	-0.16	2	1	-1	1200	600	-600
1/19/2024 13:35	57104 SPHI_T2	0	1	1	0	8.3	8.3	0	0	0	0	0	0	0	0
1/19/2024 13:35	54202 PENN_T2	0	0	0	0	0	0	0.75	0.77	0	0	0	0	0	0
1/19/2024 13:35	65001 NEFF_T2	0	0	0	0	0	0	-0.75	-0.7	1	1	0	1200	1200	0
1/19/2024 13:36	65303 NBRI_T2	0	0	0	0	0	0	0.04	0.07	0	0	0	0	0	0
1/19/2024 13:37	67402 WAKE_T2	0	0	0	0	0	0	-0.29	-0.24	1	1	0	600	600	0
1/19/2024 13:39	14801 TREI_T2	1	0	-1	0.2	0	-0.2	0.61	0.63	0	0	0	0	0	0
1/19/2024 13:40	57304 MOAL_T2	0	0	0	0	0	0	-0.07	-0.15	0	0	0	0	0	0
1/19/2024 13:41	54502 ENOL_T2	0	0	0	0	0	0	-1.13	-1.14	1	1	0	600	600	0
1/19/2024 13:41	54503 ENOL_T2	0	0	0	0	0	0	-1.69	-1.69	1	1	0	600	600	0
1/19/2024 13:41	54503 ENOL_T2	0	0	0	0	0	0	-1.69	-1.69	1	1	0	600	600	0
1/19/2024 13:41	65001 NEFF_T2	0	0	0	0	0	0	-0.7	-0.87	1	1	0	1200	1200	0
1/19/2024 13:41	54502 ENOL_T2	0	0	0	0	0	0	-1.13	-1.14	1	1	0	600	600	0
1/19/2024 13:42	54503 ENOL_T2	0	0	0	0	0	0	-1.69	-1.69	1	1	0	600	600	0
1/19/2024 13:42	60101 COCA_T1	0	0	0	0	0	0	-0.75	-0.7	1	1	0	1200	1200	0
1/19/2024 13:42	54505 ENOL_T2	1	1	0	0.4	0.7	0.3	-1.02	-1.07	1	1	0	600	600	0
1/19/2024 13:42	54504 ENOL_T2	0	0	0	0	0	0	-0.85	-0.84	1	1	0	600	600	0
1/19/2024 13:42	67402 WAKE_T2	0	0	0	0	0	0	-0.24	-0.23	1	1	0	600	600	0
1/19/2024 13:43	54505 ENOL_T2	1	1	0	0.4	0.7	0.3	-1.02	-1.07	1	1	0	600	600	0
1/19/2024 13:43	54505 ENOL_T2	1	1	0	0.4	0.7	0.3	-1.02	-1.07	1	1	0	600	600	0
1/19/2024 13:44	54502 ENOL_T2	0	0	0	0	0	0	-1.13	-1.14	1	1	0	600	600	0
1/19/2024 13:44	54505 ENOL_T2	1	1	0	0.4	0.7	0.3	-1.02	-1.07	1	1	0	600	600	0
1/19/2024 13:44	53802 MBRG_T2	0	0	0	0	0	0	0.46	0.33	0	0	0	0	0	0
1/19/2024 13:46	65001 NEFF_T2	0	0	0	0	0	0	-0.7	-0.87	1	1	0	1200	1200	0
1/19/2024 13:47	50502 M

Appendix C - Grid Benefits Achieved in Each Instance of Active Management

1/19/2024 14:13	11101 EGYP_T1	0	0	0	0	0	0	0.71	0.73	0	0	0	0	0	0
1/19/2024 14:14	64204 KINZ_T1	1	1	0	0.8	1.1	0.3	0	0	0	0	0	0	0	0
1/19/2024 14:14	54505 ENOL_T2	1	1	0	0.7	0.7	0	-1.08	-1.04	1	1	0	600	600	0
1/19/2024 14:14	63802 HEMP_T1	0	0	0	0	0	0	0.29	0.25	0	0	0	0	0	0
1/19/2024 14:14	54505 ENOL_T2	1	1	0	0.7	0.7	0	-1.08	-1.04	1	1	0	600	600	0
1/19/2024 14:14	60101 COCA_T1	0	0	0	0	0	0	-0.77	-0.8	1	1	0	1200	1200	0
1/19/2024 14:15	52004 LING_T2	1	1	0	0.9	0.9	0	0	0	0	0	0	0	0	0
1/19/2024 14:17	57303 MOAL_T2	1	1	0	7.5	7	-0.5	0	0	0	0	0	0	0	0
1/19/2024 14:17	52002 LING_T2	0	0	0	0	0	0	0.7	0.49	0	0	0	0	0	0
1/19/2024 14:17	63802 HEMP_T1	0	0	0	0	0	0	0.29	0.25	0	0	0	0	0	0
1/19/2024 14:18	47401 PENS_T1	0	0	0	0	0	0	3.52	3.34	0	0	0	0	0	0
1/19/2024 14:18	54204 PENN_T2	2	1	-1	0.1	0.1	0	0	0	0	0	0	0	0	0
1/19/2024 14:18	65001 NEFF_T2	0	5	5	0	0.1	0.1	-1.86	-1.9	2	2	0	2400	2400	0
1/19/2024 14:19	57304 MOAL_T2	0	0	0	0	0	0	-0.19	-0.03	0	0	0	0	0	0
1/19/2024 14:19	56501 ROCK_T2	438	439	1	0.59	0.56	-0.03	-4.57	-4.41	0	0	0	0	0	0
1/19/2024 14:20	51003 NHAR_T1	290	285	-5	0.64	0.59	-0.05	0	0	0	0	0	0	0	0
1/19/2024 14:20	47401 PENS_T1	0	0	0	0	0	0	0.88	0.84	0	0	0	0	0	0
1/19/2024 14:20	56504 ROCK_T2	0	0	0	0	0	0	0.08	0.08	0	0	0	0	0	0
1/19/2024 14:20	49804 UNIV_T1	2	2	0	0.2	0.35	0.15	0	0	0	0	0	0	0	0
1/19/2024 14:20	56501 ROCK_T2	438	439	1	0.59	0.56	-0.03	-2.29	-2.21	0	0	0	0	0	0
1/19/2024 14:21	49803 UNIV_T1	1	1	0	0.1	0.1	0	-0.89	-0.83	0	0	0	0	0	0
1/19/2024 14:21	47401 PENS_T1	0	0	0	0	0	0	2.64	2.51	0	0	0	0	0	0
1/19/2024 14:21	56501 ROCK_T2	438	439	1	0.59	0.56	-0.03	-6.86	-6.62	0	0	0	0	0	0
1/19/2024 14:22	67502 WEWI_T2	0	0	0	0	0	0	-2.46	-2.4	2	2	0	1800	1800	0
1/19/2024 14:22	67503 WEWI_T2	0	0	0	0	0	0	0.27	0.29	0	0	0	0	0	0
1/19/2024 14:22	54204 PENN_T2	2	1	-1	0.1	0.1	0	0	0	0	0	0	0	0	0
1/19/2024 14:22	14403 SSLA_T1	0	0	0	0	0	0	1.15	1.09	0	0	0	0	0	0
1/19/2024 14:22	16302 ALPA_T2	0	0	0	0	0	0	-0.59	-0.62	0	0	0	0	0	0
1/19/2024 14:22	47401 PENS_T1	0	0	0	0	0	0	1.76	1.67	0	0	0	0	0	0
1/19/2024 14:22	56501 ROCK_T2	438	439	1	0.59	0.56	-0.03	-4.57	-4.41	0	0	0	0	0	0
1/19/2024 14:23	56504 ROCK_T2	0	0	0	0	0	0	0.08	0.08	0	0	0	0	0	0
1/19/2024 14:23	43001 ALWD_T1	4	4	0	0.1	0.1	0	0	0	0	0	0	0	0	0
1/19/2024 14:24	67502 WEWI_T2	0	0	0	0	0	0	-1.2	-1.17	1	1	0	900	900	0
1/19/2024 14:24	56501 ROCK_T2	438	439	1	0.59	0.56	-0.03	-2.21	-2.17	0	0	0	0	0	0
1/19/2024 14:24	67502 WEWI_T2	0	0	0	0	0	0	-1.2	-1.17	1	1	0	900	900	0
1/19/2024 14:24	67402 WAKE_T2	0	2	2	0	0	0	-0.49	-0.48	2	2	0	1200	1200	0
1/19/2024 14:25	10801 CHHI_T1	0	0	0	0	0	0	0	-1.35	2	2	0	1500	1500	0
1/19/2024 14:25	67503 WEWI_T2	0	0	0	0	0	0	0.29	0.18	0	0	0	0	0	0
1/19/2024 14:25	67502 WEWI_T2	0	0	0	0	0	0	-1.2	-1.17	1	1	0	900	900	0
1/19/2024 14:26	16302 ALPA_T2	0	0	0	0	0	0	-1.86	-1.97	0	0	0	0	0	0
1/19/2024 14:26	60101 COCA_T1	0	0	0	0	0	0	-0.8	-0.83	1	1	0	1200	1200	0
1/19/2024 14:27	56501 ROCK_T2	438	439	1	0.59	0.56	-0.03	-2.21	-2.17	0	0	0	0	0	0
1/19/2024 14:28	43001 ALWD_T1	4	4	0	0.1	0.1	0	0	0	0	0	0	0	0	0
1/19/2024 14:28	54505 ENOL_T2	1	1	0	0.7	0.6	-0.1	0	0	0	0	0	0	0	0
1/19/2024 14:28	57106 SPHI_T2	3	3	0	1.9	2.07	0.17	0	0	0	0	0	0	0	0
1/19/2024 14:28	50102 HARR_T3	3	6	3	0.17	0.13	-0.04	0	0	0	0	0	0	0	0
1/19/2024 14:28	10805 CHHI_T2	7	10	3	2.64	3.2	0.56	0	-0.62	0	0	0	0	0	0
1/19/2024 14:28	54501 ENOL_T2	0	0	0	0	0	0	0.16	0.16	0	0	0	0	0	0
1/19/2024 14:29	64101 REFR_T1	0	0	0	0	0	0	0.09	0.08	0	0	0	0	0	0
1/19/2024 14:29	67402 WAKE_T2	0	2	2	0	0	0	-0.25	-0.24	1	1	0	600	600	0
1/19/2024 14:29	60101 COCA_T1	0	0	0	0	0	0	-0.8	-0.83	1	1	0	1200	1200	0
1/19/2024 14:29	54501 ENOL_T2	0	0	0	0	0	0	0.16	0.16	0	0	0	0	0	0
1/19/2024 14:29	54501 ENOL_T2	0	0	0	0	0	0	0.16	0.16	0	0	0	0	0	0
1/19/2024 14:30	54503 ENOL_T2	0	0	0	0	0	0	-1.68	-1.68	1	1	0	600	600	0
1/19/2024 14:30	64101 REFR_T1	0	0	0	0	0	0	0.18	0.16	0	0	0	0	0	0
1/19/2024 14:30	45702 LIND_T2	1	1	0	1.1	1.2	0.1	-0.52	-0.51	0	0	0	0	0	0
1/19/2024 14:31	64101 REFR_T1	0	0	0	0	0	0	0.09	0.08	0	0	0	0	0	0
1/19/2024 14:32	43201 MVIL_T2	0	0	0	0	0	0	-0.3	-0.28	0	0	0	0	0	0
1/19/2024 14:32	42903 MIDD_T2	2	2	0	0.55	0.95	0.4	0	0	0	0	0	0	0	0
1/19/2024 14:32	50103 HARR_T3	1	0	-1	0.1	0	-0.1	-0.74	-0.7	1	1	0	1200	1200	0
1/19/2024 14:32	52002 LING_T2	0	0	0	0	0	0	0.12	0.14	0	0	0	0	0	0
1/19/2024 14:32	64101 REFR_T1	0	0	0	0	0	0	0.09	0.08	0	0	0	0	0	0
1/19/2024 14:33	43202 MVIL_T2	0	0	0	0	0	0	-0.58	-0.58	0	0	0	0	0	0
1/19/2024 14:33	65001 NEFF_T2	0	99	99	0	0.15	0.15	-1.9	-1.83	2	2	0	2400	2400	0
1/19/2024 14:33	47401 PENS_T1	0	0	0	0	0	0	1.67	1.69	0	0	0	0	0	0
1/19/2024 14:33	57304 MOAL_T2	0	0	0	0	0	0	-0.03	-0.16	0	0	0	0	0	0
1/19/2024 14:33	64801 MONE_T2	0	0	0	0	0	0	-0.4	-0.41	0	0	0	0	0	0
1/19/2024 14:33	54204 PENN_T2	1	1	0	0.1	0.1	0	0	0	0	0	0	0	0	0
1/19/2024 14:34	56504 ROCK_T2	0	0	0	0	0	0	0.08	0.05	0	0	0	0	0	0
1/19/2024 14:34	43202 MVIL_T2	0	0	0	0	0	0	-0.58	-0.58	0	0	0	0	0	0
1/19/2024 14:34	56504 ROCK_T2	0	0	0	0	0	0	0.08	0.05	0	0	0	0	0	0
1/19/2024 14:34	47401 PENS_T1	0	0	0	0	0	0	2.51	2.53	0	0	0	0	0	0
1/19/2024 14:35	57401 SPAN_T1	0	1	1	0	0.1	0.1	-2.66	-2.7	3	3	0	1800	1800	0
1/19/2024 14:35	57304 MOAL_T2	0	0	0	0	0	0	-0.03	-0.16	0	0	0	0	0	0
1/19/2024 14:35	57401 SPAN_T1	0	1	1	0	0.1	0.1	-2.66	-2.7	3	3	0	1800	1800	0
1/19/2024 14:35	56501 ROCK_T2	393	433	40	0.48	0.55	0.07	-2.21	-2.17	0	0	0	0	0	0
1/19/2024 14:36	57403 SPAN_T1	0	0	0	0	0	0	0.22	0.26	0	0	0	0	0	0
1/19/2024 14:36	64802 MONE_T2	0	0	0	0	0	0	0.16	0.16	0	0	0	0	0	0
1/19/2024 14:36	49803 UNIV_T1	1	15	14	0.1	0.16	0.06	-0.83	-0.82	0	0	0	0	0	0
1/19/2024 14:36	43202 MVIL_T2	0	0	0	0	0	0	-0.58	-0.58	0	0	0	0	0	0
1/19/2024 14:36	47401 PENS_T1	0	0	0	0	0	0	0.84	0.84	0	0	0	0	0	0
1/19/2024 14:37	16302 ALPA_T2	0	0	0	0	0	0	-0.62	-0.66	0	0	0	0	0	0
1/19/2024 14:37	56501 ROCK_T2	393	433	40	0.48	0.55	0.07	-4.41	-4.35	0	0	0	0	0	0
1/19/2024 14:37	49804 UNIV_T1	1	3	2	0.1	0.33	0.23	0	0	0	0	0	0	0	0
1/19/2024 14:37	60201 ATGL_T2	0	0	0	0	0	0	-0.2	-0.24	2	2	0	900	900	0
1/19/2024 14:37	57401 SPAN_T1	0	1	1	0	0.1	0.1	-0.89	-0.9	1	1	0	600	600	0
1/19/2024 14:38	51108 CARL_T1	1	1	0	0.4	0.2	-0.2	0	0	0	0	0	0	0	0
1/19/2024 14:38	67502 WEWI_T2	0	0	2	0	0	0	-2.4	-2.34	2	2	0	1800	1800	0
1/19/2024 14:38	67503 WEWI_T2	0	1	1	0	0	0	0.57	0.35	0	0	0	0	0	0
1/19/2024 14:38	56501 ROCK_T2	393	433	40	0.48	0.55	0.07	-4.41	-4.35	0	0	0	0	0	0
1/19/2024 14:38	56501 ROCK_T2	393	433	40	0.48	0.55	0.07	-4.41	-4.35	0	0	0	0	0	0
1/19/2024 14:38	55105 WERT_T1	0	0	0	0	0	0	-0.33	-0.36	1	1	0	900	900	0
1/19/2024 14:38	60803 BUCK_T1	0	0	0	0	0	0	-0.47	-0.47	1	1	0	600	600	0
1/19/2024 14:38	43001 ALWD_T1	1	6	5	0.1	0.23	0.13	0	0	0	0	0	0	0	0
1/19/2024 14:38	16302 ALPA_T2	0	0	0	0	0	0	-0.62	-0.66	0	0	0	0	0	0
1/19/2024 14:38	65001 NEFF_T2	0	99	99	0	0.15	0.15	-0.95	-0.91	1	1	0	1200	1200	0
1/19/2024 14:39	60701 BREC_T1	0	0	0	0	0	0	-0.38	-0.34	1	1	0	600	600	0
1/19/2024 14:39	56501 ROCK_T2	393	433	40	0.48	0.55	0.07	-2.17	-2.22	0	0	0	0	0	0
1/19/2024 14:39	57103 SPHI_T2	0	0	0	0	0	0	-0.78	-0.09	1	1	0	600	600	0
1/19/2024 14:39	56501 ROCK_T2	393	433	40	0.48	0.55	0.07	-2.17	-2.22	0	0	0	0	0	0
1/19/2024 14:39	67503 WEWI_T2	0	1	1	0	0	0	0.35	0.38	0	0	0	0	0	0
1/19/2024 14:39	46001 BERW_T1	0	0	0	0	0	0	0.96	0.95	0	0	0	0	0	0
1/19/2024 14:39	67402 WAKE_T2	0	2	2	0	0	0	-0.48	-0.57	2	2	0	1200	1200	0
1/19/2024 14:40	56501 ROCK_T2	393	433	40	0.48	0.55	0.07	-2.17	-2.22	0	0	0	0	0	0
1/19/2024 14:40	43001 ALWD_T1	1	6	5	0.1	0.23	0.13	0	0	0	0	0	0	0	0
1/19/2024 14:40	51108 CARL_T1	1	1	0	0.4	0.2	-0.2	0	0	0	0	0	0	0	0
1/19/2024 14:40	60803 BUCK_T1	0	0	0	0	0	0	-0.94	-0.9	2	2	0	1200	1200	0
1/19/2024 14:40	60701 BREC_T1	0	0	0	0	0	0	-0.38	-0.34	1	1	0	600	600	0
1/19/2024 14:40	67502 WEWI_T2	0	0	0	0	0	0	-1.17	-0.2	1	1	0	900	900	0
1/19/2024 14:41	67503 WEWI_T2	0	1	1	0	0	0	0.18	0.19	0	0	0	0	0	0
1/19/2024 14:41	67002 STHI_T2	0	0	0	0	0	0	0.72	0.69	0	0	0	0	0	0
1/19/2024 14:41	67502 WEWI_T2	0	0	0	0	0	0	-1.17	-0.2	1	1	0	900	900	0
1/19/2024 14:41	10801 CHHI_T1	0	0	0	0	0	0	-1.35	0	2	2	0	1500	1500	0
1/19/2024 14:41	60801 BUCK_T1	0	0	0	0	0	0	-0.81	-0.79	1	1	0	600	600	0
1/19/2024 14:41	56501 ROCK_T2	393	433	40	0.48	0.55	0.07	-2.17	-2.22	0	0	0	0	0	0
1/19/2024 14:42	46001 BERW_T1	0	0	0	0	0	0	0.96	0.95	0	0	0	0	0	0
1/19/2024 14:42	53901 HAU_T2	54	49	-5	0.24	0.28	0.04	0	0	0	0	0	0	0	0
1/19/2024 14:42	16302 ALPA_T2	0	0	0	0	0	0	-1.31	-1.16	0	0	0	0	0	0
1/19/2024 14:42	43001 ALWD_T1	1	6	5	0.1	0.23	0.13	0	0	0	0	0	0	0	0
1/19/2024 14:43	54503 ENOL_T2	0	0	0	0	0	0	-1.68	-1.7	1	1	0	600	600	0
1/19/2024 14:43	63401 HONY_T1	0	0	0	0	0	0	0.3	0.23	0	0	0	0	0	0
1/19/2024 14:44	54503 ENOL_T2	0	0	0	0	0	0	-1.68	-1.7	1	1	0	600	600	0
1/19/2024 14:44	28805 LAKE_T1	0	0	0	0	0	0	-0.16	-0.17	0	0	0	0	0	0
1/19/2024 14:44	43001 ALWD_T1	1	6	5	0.1	0.23	0.13	0	0	0	0	0	0	0	0
1/19/2024 14:44	53901 HAU_T2	2	2	0	0.7	1.4	0.7	-0.2	-0.22	0	0	0	0	0	0
1/19/2024 14:44	64702 LITI_T2	0	0	0	0	0	0	-0.74	-0.77	0	0	0	0	0	0
1/19/2024 14:45	67402 WAKE_T2	2	0	-2	0.2	0	-0.2	-0.24	-0.29	1	1	0	600	600	0
1/19/2024 14:45	54503 ENOL_T2	0	0	0	0	0	0	-1.68	-1.7	1	1	0	600	600	0
1/19/2024 14:45	57304 MOAL_T2	0	0	0	0	0	0	-0.16	-0.16	0	0	0	0	0	0
1/19/2024 14:45	54505 ENOL_T2	1	1	0	0.6	0.1	-0.5	-2.08	-2.12	2	2	0	1200	1200	0
1/19/2024 14:45	64702 LITI_T2	0	0	0	0	0	0	-0.74	-0.77	0	0	0	0	0	0
1/19/2024 14:45	53903 HAU_T2	2	2	0	1.4	1.1	-0.3	-0.2	-0.22	0	0	0	0	0	0
1/19/2024 14:45	63403 HONY_T2	0	0	0	0	0	0	0.14	0.12	0	0	0	0	0	0
1/19/2024 14:46	28805 LAKE_T1	0	0	0	0	0	0	-0.16	-0.17	0	0	0	0	0	0
1/19/2024 14:46	64802 MONE_T2	0	0	0	0	0	0	0.16	0.15	0	0	0	0	0	0
1/19/2024 14:46	60201 ATGL_T2	0	0	0	0	0	0	-0.24	-0.3	2	2	0	900	900	0
1/19/2024 14:46	67502 WEWI_T2	0	0	0	0	0	0	-1.17	-0.2	1	1	0	900	900	0
1/19/2024 14:46	54505 ENOL_T2	1	1	0	0.6	0.1	-0.5	0	0	0	0	0	0	0	0
1/19/2024 14:46	62604 ENGL_T1	0	0	0	0	0	0	-0.44	-0.39	1	1	0	600	600	0
1/19/2024 14:46	64101 REFR_T1	0	0	0	0	0	0	0.08	0.1	0	0	0	0	0	0
1/19/2024 14:47	50501 MECH_T1	3	4	1	0.37	0.7	0.33	0	0	0	0	0	0	0	0
1/19/2024 14:47	65001 NEFF_T2	5	119	114	0.1	0.15	0.05	-0.91	-0.98	1	1	0	1200	1200	0
1/19/2024 14:47	42903 MIDD_T2	0	0	0	0	0	0	-0.23	-0.3	0	0	0	0	0	0
1/19/2024 14:47	52002 LING_T2	0	0	0	0	0	0	0.14	0.12	0	0	0	0	0	0
1/19/2024 14:47	64801 MONE_T2	0	0	0	0	0	0	-0.41	-0.4	0	0	0	0	0	0
1/19/2024 14:48	43201 MVIL_T2	0	0	0	0	0	0	-0.28	-0.3	0	0	0	0	0	0
1/19/2024 14:48	50502 MECH_T1	1	1	0	1.5	1.6	0.1	0	0	0	0	0	0	0	0
1/19/2024 14:48	47401 PENS_T1	0	0	0	0	0	0	0.84	0.76	0	0	0	0	0	0
1/19/2024 14:48	55002 NEWP_T1	0	4	4	0	0.53	0.53	-0.48	-0.42	0	0	0	0	0	0
1/19/2024 14:48	13302 ORVI_T2	0	1	1	0	0	0	1.21	1.24	0	0	0	0	0	0
1/19/2024 14:49	65001 NEFF_T2	5	119	114	0.1	0.15	0.05	-0.91	-0.98	1	1	0	1200	1200	0
1/19/2024 14:49	50501 MECH_T1	3	4	1	0.37	0.7	0.33	0	0	0	0	0	0	0	0
1/19/2024 14:49	47401 PENS_T1	0	0	0	0	0	0	0.84	0.76	0	0	0	0	0	0
1/19/2024 14:49	55002 NEWP_T1	0	4	4	0	0.53	0.53	-0.32	-0.28	0	0	0	0	0	0
1/19/2024 14:49	64801 MONE_T2	0	0	0	0	0	0	-0.41	-0.4	0	0	0	0	0	0
1/19/2024 14:49	57304 MOAL_T2	0	0	0	0	0	0	-0.16	-0.16	0	0	0	0	0	0
1/19/2024 14:50	47401 PENS_T1	0	0	0	0	0	0	0.84	0.76	0	0	0	0	0	0
1/19/2024 14:51	50501 MECH_T1	3	4	1	0.37	0.7	0.33	0	0	0	0	0	0	0	0
1/19/2024 14:51	45602 WOOL_T1	2	2	0	0.2	0.5	0.3	0	0	0	0	0	0	0	0
1/19/2024 14:51	55002 NEWP_T1	0	4	4	0	0.53	0.53	-0.16	-0.14	0	0	0	0	0	0
1/19/2024 14:51	14401 SSLA_T1	1	1	0	0.2	0.1	-0.1	0	0	0	0	0	0	0	0
1/19/2024 14:51	67901 WNHO_T2	0	9	9	0	0.22	0.22	-0.05	-0.05	0	0	0	0	0	0
1/19/2024 14:52	49803 UNIV_T1	0	15	15	0	0.16	0.16	-0.82	-0.81	0	0	0	0	0	0
1/19/2024 14:52	56501 ROCK_T2	423	330	-93	0.56	0.36	-0.2	0	0	0	0	0	0	0	0
1/19/2024 14:52	57401 SPAN_T1	1	1	0	0.1	0.1	0	-0.9	-0.86	1	1	0	600	600	0
1/19/2024 14:53	67605 WARW_T1	0	0	0	0	0	0	-0.92	-0.95	0	0	0	0	0	0
1/19/2024 14:53	14403 SSLA_T1	0	0	0	0	0	0	1.07	1.08	0	0	0	0	0	0
1/19/2024 14:53	64101 REFR_T1	0	0	0	0	0	0	0.08	0.1	0	0	0	0	0	0
1/19/2024 14:53	42701 AUGU_T1	1	1	0	0.8	0.9	0.1	0	0	1	1	0	600	600	0
1/19/2024 14:54	56802 BENV_T2	3	8	5	0.23	0.29	0.06	-1.17	-1.2	0	0	0	0	0	0
1/19/2024 14:54	10805 CHHI_T2	10	7	-3	2.4	2.49	0.09	0	0	0	0	0	0	0	0
1/19/2024 14:54	43001 ALWD_T1	4	8	4	0.1	0.28	0.18	0	0	0	0	0	0	0	0
1/19/2024 14:55	56802 BENV_T2	3	8	5	0.23	0.29	0.06	-4.68	-4.8	0	0	0	0	0	0
1/19/2024 14:55	54203 PENN_T1	18	18	0	0.6	0.17	-0.43	0	0	0	0	0	0	0	0
1/19/2024 14:55	45402 WILO_T2	0	0	0	0	0	0	-0.52	-0.5	0	0	0	0	0	0
1/19/2024 14:55	67402 WAKE_T2	2	0	-2	0.2	0	-0.2	-0.29	-0.25	1	1	0	600	600	0
1/19/2024 14:55	54505 ENOL_T2	1	1	0	0.6	0.1	-0.5	0	0	0	0	0	0	0	0
1/19/2024 14:55	10805 CHHI_T2	10	7	-3	2.4	2.49	0.09	0	0	0	0	0	0	0	0

1/19/2024 15:16	53502 EVIL_T2	0	11	11	0	0	0	0	0	0	0	0	0	0
1/19/2024 15:17	55002 NEWP_T1	4	5	1	0.43	0.4	-0.03	-0.14	-0.15	0	0	0	0	0
1/19/2024 15:17	17805 GILB_T2	0	0	0	0	0	0	-0.56	-0.64	0	0	0	0	0
1/19/2024 15:18	52002 LING_T2	0	0	0	0	0	0	0.13	0.09	0	0	0	0	0
1/19/2024 15:18	53903 HALI_T2	2	2	0	1.05	1.5	0.45	0	0	0	0	0	0	0
1/19/2024 15:18	64702 LITI_T2	0	0	0	0	0	0	-0.83	-0.78	0	0	0	0	0
1/19/2024 15:18	47401 PENS_T1	0	0	0	0	0	0	1.82	1.64	0	0	0	0	0
1/19/2024 15:19	13302 ORVI_T2	0	0	0	0	0	0	1.23	1.14	0	0	0	0	0
1/19/2024 15:19	47401 PENS_T1	0	0	0	0	0	0	0.91	0.82	0	0	0	0	0
1/19/2024 15:20	47401 PENS_T1	0	0	0	0	0	0	0.91	0.82	0	0	0	0	0
1/19/2024 15:21	67402 WAKE_T2	0	0	0	0	0	0	-0.25	-0.25	1	1	0	600	600
1/19/2024 15:22	64303 LINC_T1	0	0	0	0	0	0	-0.14	-0.22	0	0	0	0	0
1/19/2024 15:23	64303 LINC_T1	0	0	0	0	0	0	-0.14	-0.22	0	0	0	0	0
1/19/2024 15:25	60101 COCA_T1	0	0	0	0	0	0	-0.67	-0.81	1	1	0	1200	1200
1/19/2024 15:25	53601 DALM_T2	1	1	0	0.2	0.4	0.2	-0.58	-0.58	1	1	0	600	600
1/19/2024 15:25	60701 BREC_T1	0	0	0	0	0	0	-0.74	-0.71	2	2	0	1200	1200
1/19/2024 15:25	16402 MOPO_T1	7	28	21	0.59	0.38	-0.21	0.22	0.28	0	0	0	0	0
1/19/2024 15:26	43001 ALWD_T1	8	8	0	0.28	0.19	-0.09	0	0	0	0	0	0	0
1/19/2024 15:27	67402 WAKE_T2	0	0	0	0	0	0	-0.25	-0.23	1	1	0	600	600
1/19/2024 15:27	60701 BREC_T1	0	0	0	0	0	0	-0.74	-0.71	2	2	0	1200	1200
1/19/2024 15:30	60101 COCA_T1	0	0	0	0	0	0	-0.67	-0.81	1	1	0	1200	1200
1/19/2024 15:31	43001 ALWD_T1	8	9	1	0.19	0.23	0.04	0	0	0	0	0	0	0
1/19/2024 15:31	51108 CARL_T1	0	1	1	0	0.2	0.2	0	0	0	0	0	0	0
1/19/2024 15:32	46901 MNTG_T2	0	1	1	0	0	0	0	0	0	0	0	0	0
1/19/2024 15:33	55002 NEWP_T1	4	5	1	0.45	0.4	-0.05	-0.15	-0.13	0	0	0	0	0
1/19/2024 15:34	65902 SAKR_T2	0	0	0	0	0	0	-0.44	-0.35	1	1	0	300	300
1/19/2024 15:35	46901 MNTG_T2	0	1	1	0	0	0	1.46	1.37	0	0	0	0	0
1/19/2024 15:36	56802 BENV_T2	4	13	9	0.3	0.2	-0.1	-1.2	-1.14	0	0	0	0	0
1/19/2024 15:36	16402 MOPO_T1	11	30	19	0.39	0.82	0.43	0.22	0.28	0	0	0	0	0
1/19/2024 15:36	56501 ROCK_T2	250	263	13	0.27	0.3	0.03	-2.18	-2.22	0	0	0	0	0
1/19/2024 15:37	67402 WAKE_T2	0	0	0	0	0	0	-0.25	-0.23	1	1	0	600	600
1/19/2024 15:39	56501 ROCK_T2	250	263	13	0.27	0.3	0.03	-2.22	-2.19	0	0	0	0	0
1/19/2024 15:40	61101 BERK_T5	0	0	0	0	0	0	-0.95	-0.96	0	0	0	0	0
1/19/2024 15:41	56802 BENV_T2	4	13	9	0.3	0.2	-0.1	-1.14	-1.17	0	0	0	0	0
1/19/2024 15:42	67402 WAKE_T2	0	0	0	0	0	0	-0.23	-0.22	1	1	0	600	600
1/19/2024 15:43	11104 EGYP_T1	0	1	1	0	0	0	0.46	0.48	0	0	0	0	0
1/19/2024 15:44	11102 EGYP_T1	0	6	6	0	0	0	0	0	0	0	0	0	0
1/19/2024 15:45	16302 ALPA_T2	0	0	0	0	0	0	-0.55	-0.41	0	0	0	0	0
1/19/2024 15:47	56504 ROCK_T2	0	0	0	0	0	0	0.08	0.08	0	0	0	0	0
1/19/2024 15:47	56801 BENV_T1	12	14	2	0.48	0.43	-0.05	-0.49	-0.53	1	1	0	600	600
1/19/2024 15:48	65604 QVIL_T2	0	0	0	0	0	0	0.58	0.59	0	0	0	0	0
1/19/2024 15:49	55002 NEWP_T1	5	4	-1	0.34	0.4	0.06	-0.13	-0.17	0	0	0	0	0
1/19/2024 15:50	63203 MGTN_T1	0	0	0	0	0	0	-0.16	-0.15	1	1	0	600	600
1/19/2024 15:50	16302 ALPA_T2	0	0	0	0	0	0	-0.55	-0.41	0	0	0	0	0
1/19/2024 15:50	28704 HAML_T2	1	4	3	0.5	0.3	-0.2	-0.69	-0.69	0	0	0	0	0
1/19/2024 15:51	17804 GILB_T2	0	1	1	0	0.1	0.1	0	0	0	0	0	0	0
1/19/2024 15:51	14401 SSLA_T1	0	1	1	0	0.2	0.2	0	0	0	0	0	0	0
1/19/2024 15:52	65001 NEFF_T2	52	231	179	0.14	0.36	0.22	-1.07	-1.07	1	1	0	1200	1200
1/19/2024 15:52	50502 MECH_T1	1	1	0	1.6	1.9	0.3	0	0	0	0	0	0	0
1/19/2024 15:52	56501 ROCK_T2	229	407	178	0.27	0.48	0.21	-2.22	-2.19	0	0	0	0	0
1/19/2024 15:53	60701 BREC_T1	0	1	1	0	0.1	0.1	-0.71	-0.71	2	2	0	1200	1200
1/19/2024 15:53	67402 WAKE_T2	0	0	0	0	0	0	-0.23	-0.22	1	1	0	600	600
1/19/2024 15:53	56801 BENV_T1	12	14	2	0.48	0.43	-0.05	-0.49	-0.53	1	1	0	600	600
1/19/2024 15:54	53901 HALI_T2	0	114	114	0	0.5	0.5	-1.35	-1.37	0	0	0	0	0
1/19/2024 15:54	60701 BREC_T1	0	1	1	0	0.1	0.1	-0.35	-0.36	1	1	0	600	600
1/19/2024 15:54	57403 SPAN_T1	0	1	1	0	0.1	0.1	0	0	0	0	0	0	0
1/19/2024 15:56	61101 BERK_T5	0	0	0	0	0	0	-0.96	-0.94	0	0	0	0	0
1/19/2024 15:56	17805 GILB_T2	0	1	1	0	0.1	0.1	-0.62	-0.6	0	0	0	0	0
1/19/2024 15:56	56801 BENV_T1	12	14	2	0.48	0.43	-0.05	-0.53	-0.47	1	1	0	600	600
1/19/2024 15:57	56802 BENV_T2	13	4	-9	0.2	0.2	0	-1.17	-1.13	0	0	0	0	0
1/19/2024 15:57	60701 BREC_T1	0	1	1	0	0.1	0.1	-0.35	-0.36	1	1	0	600	600
1/19/2024 15:57	65003 NEFF_T2	0	4	4	0	0.15	0.15	0	0	0	0	0	0	0
1/19/2024 15:58	67402 WAKE_T2	0	0	0	0	0	0	-0.22	-0.2	1	1	0	600	600
1/19/2024 15:59	57401 SPAN_T1	0	2	2	0	0.15	0.15	-0.87	-0.83	1	1	0	600	600
1/19/2024 16:00	28704 HAML_T2	1	6	5	0.4	0.25	-0.15	-0.69	-0.66	0	0	0	0	0
1/19/2024 16:00	62604 ENGL_T1	0	0	0	0	0	0	-0.4	-0.41	1	1	0	600	600
1/19/2024 16:01	57401 SPAN_T1	2	1	-1	0.15	0.1	-0.05	-0.87	-0.83	1	1	0	600	600
1/19/2024 16:01	50501 MECH_T1	4	4	0	0.78	0.98	0.2	0	0	0	0	0	0	0
1/19/2024 16:02	57403 SPAN_T1	0	1	1	0	0.1	0.1	0	0	0	0	0	0	0
1/19/2024 16:04	57401 SPAN_T1	2	1	-1	0.15	0.1	-0.05	-1.74	-1.66	2	2	0	1200	1200
1/19/2024 16:05	60801 BUCK_T1	0	0	0	0	0	0	-0.77	-0.8	1	1	0	600	600
1/19/2024 16:07	57401 SPAN_T1	2	1	-1	0.15	0.1	-0.05	-0.87	-0.83	1	1	0	600	600
1/19/2024 16:08	56802 BENV_T2	3	5	2	0.2	0.28	0.08	-2.34	-2.26	0	0	0	0	0
1/19/2024 16:09	57403 SPAN_T1	0	1	1	0	0.1	0.1	0	0	0	0	0	0	0
1/19/2024 16:09	56802 BENV_T2	3	5	2	0.2	0.28	0.08	-2.26	-2.29	0	0	0	0	0
1/19/2024 16:09	60701 BREC_T1	0	1	1	0	0.1	0.1	-1.09	-1.12	3	3	0	1800	1800
1/19/2024 16:10	57401 SPAN_T1	2	1	-1	0.15	0.1	-0.05	-1.66	-1.58	2	2	0	1200	1200
1/19/2024 16:11	26401 INOR_T1	0	3	3	0	0	0	0.73	0.79	0	0	0	0	0
1/19/2024 16:11	56802 BENV_T2	3	5	2	0.2	0.28	0.08	-1.13	-1.15	0	0	0	0	0
1/19/2024 16:11	60701 BREC_T1	0	1	1	0	0.1	0.1	-0.36	-0.37	1	1	0	600	600
1/19/2024 16:12	67503 WEWI_T2	0	0	0	0	0	0	0.2	0.24	0	0	0	0	0
1/19/2024 16:13	45501 DERR_T2	0	0	0	0	0	0	0.65	0.59	1	1	0	600	600
1/19/2024 16:14	56504 ROCK_T2	0	0	0	0	0	0	0.08	0.1	0	0	0	0	0
1/19/2024 16:16	60701 BREC_T1	1	0	-1	0.1	0	-0.1	-0.36	-0.37	1	1	0	600	600
1/19/2024 16:18	46204 DANV_T2	1	12	11	0.5	0.33	-0.17	0	0	0	0	0	0	0
1/19/2024 16:18	67502 WEWI_T2	0	1	1	0	0	0	0	0	0	0	0	0	0
1/19/2024 16:19	67204 TEHI_T2	0	0	0	0	0	0	0.09	0.03	0	0	0	0	0
1/19/2024 16:20	67502 WEWI_T2	0	1	1	0	0	0	0	0	0	0	0	0	0
1/19/2024 16:21	64801 MONE_T2	2	0	-2	0.1	0	-0.1	0	0	0	0	0	0	0
1/19/2024 16:22	60101 COCA_T1	0	0	0	0	0	0	-0.77	-0.8	1	1	0	1200	1200
1/19/2024 16:23	14402 SSLA_T1	0	2	2	0	0.1	0.1	0	0	0	0	0	0	0
1/19/2024 16:23	67602 WARW_T2	0	0	0	0	0	0	0.66	0.66	0	0	0	0	0
1/19/2024 16:23	54202 PENN_T2	0	0	0	0	0	0	0.77	0.72	0	0	0	0	0
1/19/2024 16:24	59302 MCAL_T1	0	1	1	0	0	0	-0.61	-0.62	1	1	0	600	600
1/19/2024 16:24	54505 ENOL_T2	1	1	0	0.4	0.5	0.1	0	0	0	0	0	0	0
1/19/2024 16:25	67402 WAKE_T2	0	0	0	0	0	0	-0.21	-0.18	1	1	0	600	600
1/19/2024 16:25	67602 WARW_T2	0	0	0	0	0	0	1.33	0.91	0	0	0	0	0
1/19/2024 16:25	56802 BENV_T2	4	5	1	0.2	0.28	0.08	-1.15	-1.15	0	0	0	0	0
1/19/2024 16:25	44301 BEAV_T2	0	2	2	0	0	0	-0.28	-0.14	1	1	0	600	600
1/19/2024 16:26	56801 BENV_T1	13	15	2	0.35	0.34	-0.01	-0.51	-0.46	1	1	0	600	600
1/19/2024 16:26	60201 ATGL_T2	0	0	0	0	0	0	-0.45	-0.44	2	2	0	900	900
1/19/2024 16:27	53903 HALI_T2	15	16	1	0.39	0.36	-0.03	-0.21	-0.2	0	0	0	0	0
1/19/2024 16:28	56802 BENV_T2	4	5	1	0.2	0.28	0.08	-1.15	-1.15	0	0	0	0	0
1/19/2024 16:28	56801 BENV_T1	13	15	2	0.35	0.34	-0.01	-0.51	-0.46	1	1	0	600	600
1/19/2024 16:29	54001 SALE_T1	4	5	1	1.15	1.28	0.13	0	0	0	0	0	0	0
1/19/2024 16:30	67402 WAKE_T2	0	0	0	0	0	0	-0.21	-0.18	1	1	0	600	600
1/19/2024 16:30	64703 LITI_T2	0	0	0	0	0	0	-0.78	-0.72	0	0	0	0	0
1/19/2024 16:31	56501 ROCK_T2	422	407	-15	0.54	0.49	-0.05	-2.16	-2.14	0	0	0	0	0
1/19/2024 16:32	53903 HALI_T2	14	18	4	0.39	0.34	-0.05	-0.21	-0.2	0	0	0	0	0
1/19/2024 16:33	66503 SMAN_T2	198	194	-4	0.47	0.47	0	0	0	0	0	0	0	0
1/19/2024 16:35	56501 ROCK_T2	422	407	-15	0.54	0.49	-0.05	-2.16	-2.14	0	0	0	0	0
1/19/2024 16:36	59101 WALK_T2	0	0	0	0	0	0	1.29	1.28	1	1	0	450	450
1/19/2024 16:36	55001 NEWP_T1	1	2	1	0.1	0	-0.1	0	0	0	0	0	0	0
1/19/2024 16:37	56802 BENV_T2	5	4	-1	0.28	0.23	-0.05	-1.15	-1.15	0	0	0	0	0
1/19/2024 16:40	67402 WAKE_T2	0	0	0	0	0	0	-0.18	-0.18	1	1	0	600	600
1/19/2024 16:40	59101 WALK_T2	0	0	0	0	0	0	1.28	1.25	1	1	0	450	450
1/19/2024 16:40	63403 HONY_T2	0	0	0	0	0	0	-0.41	-0.37	0	0	0	0	0
1/19/2024 16:40	53501 EVIL_T2	3	0	-3	0.43	0	-0.43	-1.3	-1.24	2	2	0	1200	1200
1/19/2024 16:40	56501 ROCK_T2	422	407	-15	0.54	0.49	-0.05	-2.14	-2.12	0	0	0	0	0
1/19/2024 16:41	14403 SSLA_T1	0	0	0	0	0	0	1	1.01	0	0	0	0	0
1/19/2024 16:41	60101 COCA_T1	0	0	0	0	0	0	-0.67	-0.77	1	1	0	1200	1200
1/19/2024 16:45	53501 EVIL_T2	0	1	1	0	0	0	-1.3	-1.24	2	2	0	1200	1200
1/19/2024 16:45	67402 WAKE_T2	0	0	0	0	0	0	-0.18	-0.18	1	1	0	600	600
1/19/2024 16:47	66503 SMAN_T2	193	193	0	0.43	0.46	0.03	0	0	0	0	0	0	0
1/19/2024 16:47	43202 MVIL_T2	0	0	0	0	0	0	-0.61	-0.6	0	0	0	0	0
1/19/2024 16:47	16402 MOPO_T1	15	25	10	0.49	0.49	0	0.32	0.33	0	0	0	0	0
1/19/2024 16:47	56504 ROCK_T2	0	0	0	0	0	0	0.11	0.12	0	0	0	0	0
1/19/2024 16:49	65001 NEFF_T2	65	53	-12	0.14	0.13	-0.01	-1.14	-1.13	1	1	0	1200	1200
1/19/2024 16:49	66501 SMAN_T2	2	2	0	0.1	0.1	0	0	0	0	0	0	0	0
1/19/2024 16:50	43202 MVIL_T2	0	0	0	0	0	0	-0.61	-0.6	0	0	0	0	0
1/19/2024 16:50	10805 CHHI_T2	7	12	5	2.34	2.76	0.42	-0.35	-0.31	0	0	0	0	0
1/19/2024 16:50	56802 BENV_T2	4	3	-1	0.2	0.2	0	-1.15	-1.12	0	0	0	0	0
1/19/2024 16:51	59101 WALK_T2	0	0	0	0	0	0	1.28	1.25	1	1	0	450	450
1/19/2024 16:52	59202 THOM_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
1/19/2024 16:53	16302 ALPA_T2	1	3	2	0.1	0	-0.1	-0.56	-0.42	0	0	0	0	0
1/19/2024 16:56	67602 WARW_T2	0	0	0	0	0	0	0.46	0.45	0	0	0	0	0
1/19/2024 16:56	67402 WAKE_T2	0	0	0	0	0	0	-0.18	-0.16	1	1	0	600	600
1/19/2024 16:56	59101 WALK_T2	0	0	0	0	0	0	1.25	1.11	1	1	0	450	450
1/19/2024 16:57	62606 ENGL_T1	0	1	1	0	0	0	0	0	0	0	0	0	0
1/19/2024 16:58	56801 BENV_T1	2	1	-1	0.15	0.2	0.05	-0.48	-0.44	1	1	0	600	600
1/19/2024 16:59	67001 STHI_T2	1	1	0	0.7	0.7	0	0	0	0	0	0	0	0
1/19/2024 16:59	44901 SCOT_T1	89	96	7	1.9	1.37	-0.53	0	0	0	0	0	0	0
1/19/2024 16:59	64101 REFR_T1	0	0	0	0	0	0	0.11	0.21	0	0	0	0	0
1/19/2024 17:01	67402 WAKE_T2	0	0	0	0	0	0	-0.18	-0.16	1	1	0	600	600
1/19/2024 17:01	56801 BENV_T1	1	0	-1	0.2	0	-0.2	-0.48	-0.44	1	1	0	600	600
1/19/2024 17:02	43105 SMIL_T2	0	1	1	0	0.1	0.1	0	0	0	0	0	0	0
1/19/2024 17:02	57401 SPAN_T1	1	0	-1	0.2	0	-0.2	-0.82	-0.8	1	1	0	600	600
1/19/2024 17:03	47401 PENS_T1	0	0	0	0	0	0	0.77	0.86	0	0	0	0	0
1/19/2024 17:03	52002 LING_T2	0	0	0	0	0	0	0.13	0.11	0	0	0	0	0
1/19/2024 17:04	52102 MEIS_T1	1	0	-1	0.4	0	-0.4	0	0	0	0	0	0	0
1/19/2024 17:04	47403 PENS_T1	0	1	1	0	1.7	1.7	0	0	0	0	0	0	0
1/19/2024 17:05	52102 MEIS_T1	1	0	-1	0.4	0	-0.4	0	0	0	0	0	0	0
1/19/2024 17:05	46206 DANV_T2	0	0	0	0	0	0	2.72	2.72	1	1	0	1200	1200
1/19/2024 17:06	56504 ROCK_T2	0	0	0	0	0	0	0.12	0.13	0	0	0	0	0
1/19/2024 17:07	56801 BENV_T1	1	0	-1	0.2	0	-0.2	-0.48	-0.44	1	1	0	600	600
1/19/2024 17:08	53901 HALI_T2	114	100	-14	0.45	0.43	-0.02	-1.41	-1.35	0	0	0	0	0
1/19/2024 17:09	64101 REFR_T1	0	0	0	0	0	0	0.21	0.14	0	0	0	0	0
1/19/2024 17:09	56801 BENV_T1	1	0	-1	0.2	0	-0.2	-0.44	-0.46	1	1	0	600	600
1/19/2024 17:10	54206 PENN_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
1/19/2024 17:10	16302 ALPA_T2	0	3	3	0	0.37	0.37	-0.55	-0.54	0	0	0	0	0
1/19/2024 17:11	47401 PENS_T1	0	0	0	0	0	0	0.86	0.84	0	0	0	0	0
1/19/2024 17:11	46206 DANV_T2	0	0	0	0	0	0	2.72	2.74	1	1	0	1200	1200
1/19/2024 17:12	54504 ENOL_T2	0	0	0	0	0	0	-0.85	-0.8	1	1	0	600	600
1/19/2024 17:12	56801 BENV_T1	1	0	-1	0.2	0	-0.2	-0.44	-0.46	1	1	0	600	600
1/19/2024 17:13	52102 MEIS_T1	1	0	-1	0.4	0	-0.4	0	0	0	0	0	0	0
1/19/2024 17:14	54505 ENOL_T2	1	0	-1	0.2	0	-0.2	-1.02	-1.01	1	1	0	600	600
1/19/2024 17:16	65001 NEFF_T2	43	0	-43	0.13	0	-0.13	-1.16	-1.15	1	1	0	1200	1200
1/19/2024 17:17	54501 ENOL_T2	0	0	0	0	0	0	0.19	0.18	0	0	0	0	0
1/19/2024 17:17	46501 LOHA_T1	1	2	1	0.3	0.7	0.4	-0.02	-0.03	1	1	0	1200	1200
1/19/2024 17:18	56801 BENV_T1	0	1	1	0	0.1	0.1	-0.44	-0.46	1	1	0	600	600
1/19/2024 17:18	11104 EGYP_T1	2	35	33	0.6	0.37	-0.23	0.6	0.58	0	0	0	0	0
1/19/2024 17:19	61101 BERK_T5	0	0	0	0	0	0	-0.91	-0.92	0	0	0	0	0
1/19/2024 17:20	52004 LING_T2	1	1	0	1.2	0.9	-0.3	0	0	0	0	0	0	0
1/19/2024 17:20	42701 AUGU_T1	20	54	34	0.53	0.57	0.04	0	0	1	1	0	600	600
1/19/2024 17:20	56801 BENV_T1	0	1	1	0	0.1	0.1	-0.44	-0.46	1	1	0	600	600
1/19/2024 17:21	46302 ROHR_T1	4	9	5	0.15	0.48	0.33	0.52	0.59	0	0	0	0	0
1/19/2024 17:21	56801 BENV_T1	0	1	1	0	0.1	0.1	-0.44	-0.46	1	1	0	600	600
1/19/2024 17:22	43101 SMIL_T2	1	1	0	0.5	1.4	0.9	0	0	0	0	0	0	0
1/19/2024 17:22	60701 BREC_T1	3	1	-2	0.33	0	-0.33	-0.33	-0.35	1	1	0	600	600
1/19/2024 17:22	52004 LING_T2	1	1	0	1.2	0.9	-0.3	0	0	0	0	0	0	0
1/19/2024 17:22	59101 WALK_T2	0	1	1	0	0.1	0.1	1.11	1.26	1	1	0	450	450
1/19/2024 17:22	56801 BENV_T1	0	1	1	0	0.1	0.1	-0.44	-0.46	1	1	0	600	600
1/19/2024 17:23	43101 SMIL_T2	1	1	0	0.5	1.4	0.9	0	0	0	0	0	0	0
1/19/2024 17:23	60701 BREC_T1	3	1	-2	0.33	0	-0.33	-0.33	-0.35	1	1	0	600	600
1/19/2024 17:24	43105 SMIL_T2	1	0	-1	0.1	0	-0.1	0	0	0	0	0	0	0
1/19/2024 17:25	53502 EVIL_T2	13	8	-5	0.39	1.

Appendix C - Grid Benefits Achieved in Each Instance of Active Management

1/19/2024 17:41	52002 LING_T2	0	0	0	0	0	0	0.18	0.17	0	0	0	0	0	0
1/19/2024 17:41	67602 WARW_T2	0	0	0	0	0	0	0.48	0.46	0	0	0	0	0	0
1/19/2024 17:41	43201 MVIL_T2	0	2	2	0	0.95	0.95	-0.31	-0.28	0	0	0	0	0	0
1/19/2024 17:42	54001 SDLE_T1	4	4	0	0.63	1.03	0.4	0	0	0	0	0	0	0	0
1/19/2024 17:42	44601 SALE_T2	0	0	0	0	0	0	-0.01	-0.06	0	0	0	0	0	0
1/19/2024 17:42	53601 DALM_T2	0	0	0	0	0	0	-0.56	-0.56	1	1	0	600	600	0
1/19/2024 17:42	54206 PENN_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1/19/2024 17:43	47403 PENS_T1	1	1	0	1.7	2	0.3	0	0	0	0	0	0	0	0
1/19/2024 17:43	64204 KINZ_T1	0	1	1	0	0.1	0.1	0	0	0	0	0	0	0	0
1/19/2024 17:44	57403 SPAN_T1	0	0	0	0	0	0	0.31	0.3	0	0	0	0	0	0
1/19/2024 17:47	55001 NEWP_T1	6	7	1	0.7	0	0	-0.7	0	0	0	0	0	0	0
1/19/2024 17:47	54502 ENOL_T2	1	1	0	0.1	0	0	-0.1	-1.11	-1.08	1	1	0	600	600	0
1/19/2024 17:49	64202 KINZ_T1	0	0	0	0	0	0	0	0.52	0.55	0	0	0	0	0	0
1/19/2024 17:50	17804 GILB_T2	0	0	0	0	0	0	0	-0.38	-0.4	0	0	0	0	0	0
1/19/2024 17:50	64303 LINC_T1	0	2	2	0	0	0	-0.05	-0.16	0	0	0	0	0	0
1/19/2024 17:50	44301 BEAV_T2	1	7	6	0.5	0.65	0.15	-0.18	-0.18	1	1	0	600	600	0
1/19/2024 17:51	55002 NEWP_T1	1	4	3	0.1	0.75	0.65	-0.14	-0.16	0	0	0	0	0	0
1/19/2024 17:51	47403 PENS_T1	1	1	0	1.9	2.3	0.4	0	0	0	0	0	0	0	0
1/19/2024 17:51	44301 BEAV_T2	1	7	6	0.5	0.65	0.15	-0.18	-0.18	1	1	0	600	600	0
1/19/2024 17:52	43101 SMIL_T2	1	1	0	1.4	0.3	-1.1	0	0	0	0	0	0	0	0
1/19/2024 17:52	46902 MNTG_T2	0	9	9	0	0.12	0.12	0	0	0	0	0	0	0	0
1/19/2024 17:53	47401 PENS_T1	0	1	1	0	0	0	0.84	0.86	0	0	0	0	0	0
1/19/2024 17:53	44903 SCOT_T1	1	2	1	1	0.1	-0.9	-0.02	0	0	0	0	0	0	0
1/19/2024 17:53	44301 BEAV_T2	1	7	6	0.5	0.65	0.15	-0.18	-0.18	1	1	0	600	600	0
1/19/2024 17:53	56501 ROCK_T2	250	412	162	0.34	0.55	0.21	-2.09	-2.1	0	0	0	0	0	0
1/19/2024 17:53	10805 CHHI_T2	13	15	2	2.59	2.63	0.04	0	-0.31	0	0	0	0	0	0
1/19/2024 17:54	60701 BREC_T1	0	1	1	0	0	0	-0.32	-0.33	1	1	0	600	600	0
1/19/2024 17:55	46206 DANV_T2	0	0	0	0	0	0	2.74	2.74	1	1	0	1200	1200	0
1/19/2024 17:55	53501 EVIL_T2	1	4	3	2.6	0.23	-2.37	-1.16	-1.26	2	2	0	1200	1200	0
1/19/2024 17:57	60701 BREC_T1	0	1	1	0	0	0	-0.32	-0.33	1	1	0	600	600	0
1/19/2024 17:58	65001 NEFF_T2	0	105	105	0	0.17	0.17	-1.15	-1.13	1	1	0	1200	1200	0
1/19/2024 17:59	54001 SDLE_T1	4	5	1	1.2	0.84	-0.36	0	0	0	0	0	0	0	0
1/19/2024 17:59	67402 WAKE_T2	2	0	-2	0.3	0	-0.3	-0.19	-0.21	1	1	0	600	600	0
1/19/2024 17:59	43101 SMIL_T2	1	1	0	1.4	0.3	-1.1	0	0	0	0	0	0	0	0
1/19/2024 18:00	43001 ALWD_T1	6	10	4	0.15	0.36	0.21	0	0	0	0	0	0	0	0
1/19/2024 18:00	60701 BREC_T1	0	1	1	0	0	0	-0.32	-0.33	1	1	0	600	600	0
1/19/2024 18:01	42701 AUGU_T1	38	16	-22	0.63	0.52	-0.11	0	0	1	1	0	600	600	0
1/19/2024 18:01	46004 BERW_T2	1	0	-1	0.1	0	-0.1	-0.66	-0.66	0	0	0	0	0	0
1/19/2024 18:02	59101 WALK_T2	0	0	0	0	0	0	1.19	1.26	1	1	0	450	450	0
1/19/2024 18:03	46901 MNTG_T2	1	2	1	0.4	0.2	-0.2	0	0	0	0	0	0	0	0
1/19/2024 18:04	43102 SMIL_T2	2	2	0	0.35	0.55	0.2	0	0	0	0	0	0	0	0
1/19/2024 18:04	56802 BENV_T2	0	4	4	0	0.3	0.3	-1.1	-1.11	0	0	0	0	0	0
1/19/2024 18:04	15604 NSTR_T1	8	35	27	0.63	0.43	-0.2	-0.34	-0.3	0	0	0	0	0	0
1/19/2024 18:06	45502 DERR_T2	3	2	-1	0.6	0	-0.6	0	0	0	0	0	0	0	0
1/19/2024 18:06	43102 SMIL_T2	2	2	0	0.35	0.55	0.2	0	0	0	0	0	0	0	0
1/19/2024 18:07	42903 MIDD_T2	0	2	2	0	0.3	0.3	0	0	0	0	0	0	0	0
1/19/2024 18:08	43202 MVIL_T2	0	0	0	0	0	0	-0.6	-0.6	0	0	0	0	0	0
1/19/2024 18:08	47402 PENS_T1	2	2	0	0.8	0.4	-0.4	0	0	0	0	0	0	0	0
1/19/2024 18:08	46302 ROHR_T1	5	6	1	1.16	1.37	0.21	0	0	0	0	0	0	0	0
1/19/2024 18:09	55002 NEWP_T1	2	4	2	0.25	0.75	0.5	0.16	-0.15	0	0	0	0	0	0
1/19/2024 18:09	17802 GILB_T1	1	0	-1	0.1	0	-0.1	0.36	0.35	0	0	0	0	0	0
1/19/2024 18:11	43001 ALWD_T1	6	10	4	0.15	0.36	0.21	0	0	0	0	0	0	0	0
1/19/2024 18:11	46206 DANV_T2	0	4	4	0	0	0	2.74	2.77	1	1	0	1200	1200	0
1/19/2024 18:11	67002 STHI_T2	0	0	0	0	0	0	0.67	0.66	0	0	0	0	0	0
1/19/2024 18:11	53903 HALI_T2	4	36	32	0.83	0.38	-0.45	0	0	0	0	0	0	0	0
1/19/2024 18:12	53903 HALI_T2	4	36	32	0.83	0.38	-0.45	0	0	0	0	0	0	0	0
1/19/2024 18:13	46206 DANV_T2	0	4	4	0	0	0	0	0	0	0	0	0	0	0
1/19/2024 18:15	46302 ROHR_T1	4	5	1	1.6	0.4	-1.2	0.57	0.54	0	0	0	0	0	0
1/19/2024 18:15	62604 ENGL_T1	0	0	0	0	0	0	-0.42	-0.45	1	1	0	600	600	0
1/19/2024 18:15	60803 BUCK_T1	0	0	0	0	0	0	-0.42	-0.42	1	1	0	600	600	0
1/19/2024 18:16	56501 ROCK_T2	409	416	7	0.55	0.53	-0.02	-2.11	-2.13	0	0	0	0	0	0
1/19/2024 18:16	66703 STRA_T1	1	2	1	0.4	0.1	-0.3	-0.03	0	0	0	0	0	0	0
1/19/2024 18:17	15604 NSTR_T1	14	38	24	0.44	0.51	0.07	-0.3	-0.3	0	0	0	0	0	0
1/19/2024 18:19	17802 GILB_T1	0	0	0	0	0	0	0.36	0.35	0	0	0	0	0	0
1/19/2024 18:20	11104 EGYP_T1	6	75	69	0.25	0.4	0.15	0	0	0	0	0	0	0	0
1/19/2024 18:22	46301 ROHR_T1	3	1	-2	1	1.5	0.5	0	0	0	0	0	0	0	0
1/19/2024 18:23	14402 SSLA_T1	3	0	-3	0.47	0	-0.47	0	0	0	0	0	0	0	0
1/19/2024 18:23	45302 WBER_T2	1	2	1	0.6	0.25	-0.35	0.74	0.71	0	0	0	0	0	0
1/19/2024 18:23	66901 SHIL_T2	0	0	0	0	0	0	-1.6	-1.6	1	1	0	1200	1200	0
1/19/2024 18:24	54505 ENOL_T2	1	1	0	0.5	0.4	-0.1	0	0	0	0	0	0	0	0
1/19/2024 18:24	65001 NEFF_T2	105	117	12	0.17	0.15	-0.02	-1.15	-1.17	1	1	0	1200	1200	0
1/19/2024 18:24	45302 WBER_T2	1	2	1	0.6	0.25	-0.35	0.71	0.73	0	0	0	0	0	0
1/19/2024 18:25	56801 BENV_T1	4	4	0	0.45	0.38	-0.07	-0.44	-0.45	1	1	0	600	600	0
1/19/2024 18:26	67901 WENO_T2	42	16	-26	0.21	0.17	-0.04	-0.41	-0.41	0	0	0	0	0	0
1/19/2024 18:26	54503 ENOL_T2	0	0	0	0	0	0	-1.57	-1.55	1	1	0	600	600	0
1/19/2024 18:26	28805 LAKE_T1	0	0	0	0	0	0	-0.15	-0.15	0	0	0	0	0	0
1/19/2024 18:27	52101 MEIS_T1	0	1	1	0	0.1	0.1	0	0	0	0	0	0	0	0
1/19/2024 18:27	65901 SAKR_T2	1	1	0	8.7	8.8	0.1	0	0	0	0	0	0	0	0
1/19/2024 18:28	46206 DANV_T2	0	4	4	0	0.4	0.4	0	0	0	0	0	0	0	0
1/19/2024 18:28	17802 GILB_T1	0	0	0	0	0	0	0.35	0.31	0	0	0	0	0	0
1/19/2024 18:29	46203 DANV_T2	3	4	1	0.13	0.15	0.02	-0.88	-0.9	0	0	0	0	0	0
1/19/2024 18:29	46203 DANV_T2	3	4	1	0.13	0.15	0.02	-0.88	-0.9	0	0	0	0	0	0
1/19/2024 18:33	56501 ROCK_T2	318	448	130	0.39	0.6	0.21	-2.13	-2.17	0	0	0	0	0	0
1/19/2024 18:33	46203 DANV_T2	3	3	0	0.13	0.13	0	-0.88	-0.9	0	0	0	0	0	0
1/19/2024 18:34	53601 DALM_T2	0	1	1	0	0.1	0.1	-0.54	-0.58	1	1	0	600	600	0
1/19/2024 18:34	67503 WEWI_T2	0	1	1	0	0	0	0.21	0.18	0	0	0	0	0	0
1/19/2024 18:35	64702 LITI_T2	0	0	0	0	0	0	-0.82	-0.79	0	0	0	0	0	0
1/19/2024 18:36	43102 SMIL_T2	2	2	0	0.45	0.45	0	0	0	0	0	0	0	0	0
1/19/2024 18:36	54505 ENOL_T2	1	1	0	0.3	0.4	0.1	-1.03	-1.03	1	1	0	600	600	0
1/19/2024 18:36	54501 ENOL_T2	0	0	0	0	0	0	-0.45	-0.47	1	1	0	600	600	0
1/19/2024 18:36	42701 AUGU_T1	12	9	-3	0.51	0.33	-0.18	0	0	1	1	0	600	600	0
1/19/2024 18:36	55002 NEWP_T1	4	4	0	0.43	0.75	0.32	-0.15	-0.14	0	0	0	0	0	0
1/19/2024 18:39	14403 SSLA_T1	0	0	0	0	0	0	1.09	1.08	0	0	0	0	0	0
1/19/2024 18:39	60201 ATGL_T2	0	0	0	0	0	0	-0.56	-0.57	2	2	0	900	900	0
1/19/2024 18:40	54504 ENOL_T2	0	0	0	0	0	0	-0.79	-0.78	1	1	0	600	600	0
1/19/2024 18:40	54504 ENOL_T2	0	0	0	0	0	0	-0.79	-0.78	1	1	0	600	600	0
1/19/2024 18:40	67503 WEWI_T2	0	1	1	0	0	0	0.18	0.18	0	0	0	0	0	0
1/19/2024 18:41	61802 EELI_T2	0	0	0	0	0	0	-0.27	-0.28	0	0	0	0	0	0
1/19/2024 18:41	27102 GFLD_T2	1	0	-1	0.5	0	-0.5	0	0	0	0	0	0	0	0
1/19/2024 18:41	67503 WEWI_T2	0	1	1	0	0	0	0	0	0	0	0	0	0	0
1/19/2024 18:41	56802 BENV_T2	2	6	4	0.15	0.2	0.05	-1.12	-1.09	0	0	0	0	0	0
1/19/2024 18:42	66701 STRA_T1	0	1	1	0	0	0	0	0	0	0	0	0	0	0
1/19/2024 18:43	57403 SPAN_T1	0	0	0	0	0	0	0.3	0.3	0	0	0	0	0	0
1/19/2024 18:43	56501 ROCK_T2	318	448	130	0.39	0.6	0.21	-2.17	-2.1	0	0	0	0	0	0
1/19/2024 18:43	65001 NEFF_T2	19	130	111	0.13	0.15	0.02	0	0	0	0	0	0	0	0
1/19/2024 18:43	11104 EGYP_T1	38	75	37	0.43	0.38	-0.05	0.61	0.6	0	0	0	0	0	0
1/19/2024 18:44	57401 SPAN_T1	0	0	0	0	0	0	-0.82	-0.8	1	1	0	600	600	0
1/19/2024 18:44	64303 LINC_T1	0	0	0	0	0	0	-0.2	-0.21	0	0	0	0	0	0
1/19/2024 18:44	67605 WARW_T1	0	0	0	0	0	0	-0.71	-0.79	0	0	0	0	0	0
1/19/2024 18:45	45302 WBER_T2	2	2	0	0.25	0	-0.25	0.73	0.72	0	0	0	0	0	0
1/19/2024 18:45	44903 SCOT_T1	1	3	2	1.3	1	-0.3	-0.02	-0.02	0	0	0	0	0	0
1/19/2024 18:46	46001 BERW_T1	0	1	1	0	0	0	0.89	0.86	0	0	0	0	0	0
1/19/2024 18:46	46301 ROHR_T1	1	1	0	1.5	0.9	-0.6	0.31	0.28	0	0	0	0	0	0
1/19/2024 18:46	67001 STHI_T2	1	6	5	0.5	0.23	-0.27	0	0	0	0	0	0	0	0
1/19/2024 18:46	60101 COCA_T1	0	0	0	0	0	0	-0.77	-0.8	1	1	0	1200	1200	0
1/19/2024 18:47	10801 CHHI_T1	0	0	0	0	0	0	-1.27	-1.27	2	2	0	1500	1500	0
1/19/2024 18:47	46902 MNTG_T2	1	9	8	0.1	0.12	0.02	0	0	0	0	0	0	0	0
1/19/2024 18:47	65901 SAKR_T2	1	1	0	8.2	8.5	0.3	-1.17	-1.17	1	1	0	900	900	0
1/19/2024 18:47	54505 ENOL_T2	1	1	0	0.4	0.8	0.4	-1.03	-1.06	1	1	0	600	600	0
1/19/2024 18:48	47402 PENS_T1	0	1	1	0	0	0	0	0	0	0	0	0	0	0
1/19/2024 18:48	10801 CHHI_T1	0	0	0	0	0	0	-1.27	-1.27	2	2	0	1500	1500	0
1/19/2024 18:48	64801 MONE_T2	0	0	0	0	0	0	-0.33	-0.32	0	0	0	0	0	0
1/19/2024 18:48	44905 SCOT_T1	80	78	-2	1.66	1.45	-0.21	0	0	0	0	0	0	0	0
1/19/2024 18:48	54001 SDLE_T1	4	5	1	0.9	1.15	0.25	0	0	0	0	0	0	0	0
1/19/2024 18:49	44905 SCOT_T1	80	78	-2	1.66	1.45	-0.21	0	0	0	0	0	0	0	0
1/19/2024 18:49	65901 SAKR_T2	1	1	0	8.2	8.5	0.3	-1.17	-1.17	1	1	0	900	900	0
1/19/2024 18:51	60501 NMAN_T2	3	3	0	4.27	4.5	0.23	0	0	0	0	0	0	0	0
1/19/2024 18:51	46802 HEPB_T1	1	3	2	1.3	0.8	-0.5	-0.98	-0.97	0	0	0	0	0	0
1/19/2024 18:52	46206 DANV_T2	4	0	-4	0.4	0	-0.4	2.77	2.75	1	1	0	1200	1200	0
1/19/2024 18:52	52501 PROG_T1	0	1	1	0	0.1	0.1	0.52	0.47	1	1	0	300	300	0
1/19/2024 18:52	45501 DERR_T2	1	7	6	0.3	0.2	-0.1	0.73	0.82	1	1	0	600	600	0
1/19/2024 18:52	59101 WALK_T2	0	0	0	0	0	0	1.32	1.21	1	1	0	450	450	0
1/19/2024 18:52	10805 CHHI_T2	10	10	0	2.35	1.52	-0.83	-0.34	-0.31	0	0	0	0	0	0
1/19/2024 18:52	64101 REFR_T1	0	0	0	0	0	0	0.12	0.13	0	0	0	0	0	0
1/19/2024 18:53	43201 MVIL_T2	1	1	0	1.4	0	-1.4	0	0	0	0	0	0	0	0
1/19/2024 18:53	64101 REFR_T1	0	0	0	0	0	0	0.12	0.13	0	0	0	0	0	0
1/19/2024 18:53	53901 HALI_T2	106	110	4	0.41	0.41	0	-1.41	-1.39	0	0	0	0	0	0
1/19/2024 18:53	64303 LINC_T1	0	0	0	0	0	0	-0.2	-0.21	0	0	0	0	0	0
1/19/2024 18:53	45501 DERR_T2	1	7	6	0.3	0.2	-0.1	0.73	0.82	1	1	0	600	600	0
1/19/2024 18:53	56801 BENV_T1	3	9	6	0.43	0.63	0.2	-0.45	-0.49	1	1	0	600	600	0
1/19/2024 18:54	46206 DANV_T2	4	0	-4	0.4	0	-0.4	0	0	0	0	0	0	0	0
1/19/2024 18:54	56501 ROCK_T2	409	486	77	0.54	0.75	0.21	-2.1	-2.17	0	0	0	0	0	0
1/19/2024 18:54	44905 SCOT_T1	80	78	-2	1.66	1.45	-0.21	0	0	0	0	0	0	0	0
1/19/2024 18:54	15604 NSTR_T1	19	3	-16	0.48	0.9	0.42	-0.35	-0.32	0	0	0	0	0	0
1/19/2024 18:54	60701 BREC_T1	0	0	0	0	0	0	-0.35	-0.34	1	1	0	600	600	0
1/19/2024 18:55	67502 WEWI_T2	0	0	0	0	0	0	-1.28	-1.27	1	1	0	900	900	0
1/19/2024 18:55	55105 WERT_T1	0	0	0	0	0	0	-0.26	-0.26	1	1	0	900	900	0
1/19/2024 18:55	52002 LING_T2	0	0	0	0	0	0	0.14	0.13	0	0	0	0	0	0
1/19/2024 18:55	64101 REFR_T1	0	0	0	0	0	0	0.13	0.15	0	0	0	0	0	0
1/19/2024 18:56	65003 NEFF_T2	0	7	7	0	0.17	0.17	0	0	0	0	0	0	0	0
1/19/2024 18:56	51107 CARL_T1	0	0	0	0	0	0	-0.25	-0.32	0	0	0	0	0	0
1/19/2024 18:56	65303 NBRI_T2	0	0	0	0	0	0	0.06	0.07	0	0	0	0	0	0
1/19/2024 18:56	46802 HEPB_T1	1	3	2	1.3	0.8	-0.5	-0.97	-0.95	0	0	0	0	0	0
1/19/2024 18:57	57303 MOAL_T2	1	1	0	7	6.8	-0.2	0	0	0	0	0	0	0	0
1/19/2024 18:57	56802 BENV_T2	4	18	14	0.25	0.22	-0.03	-1.09	-1.11	0	0	0	0	0	0
1/19/2024 18:57	54505 ENOL_T2	1	1	0	0.4	0.8	0.4	-1.06	-1.03	1	1	0	600	600	0
1/19/2024 18:57	53902 HALI_T2	0	4	4	0	0.15	0.15	0	0	0	0	0	0	0	0
1/19/2024 18:57	53502 EVIL_T2	12	1	-11	0.32	0	-0.32	0	0	0	0	0	0	0	0
1/19/2024 18:57	44901 SCOT_T2	0	0	0	0	0	0	-0.97	-1.17	0	0	0	0	0	0
1/19/2024 18:58	46801 HEPB_T2	11	35	24	0.14	0.32	0.18	0.8	0.77	0	0	0	0	0	0
1/19/2024 18:58	56802 BENV_T2	4	18	14	0.25	0.22	-0.03	-1.09	-1.11	0	0	0	0	0	0
1/19/2024 18:59	44301 BEAV_T2	0	1	1	0	0	0	-0.19	-0.23	1	1	0	600	600	0
1/19/2024 18:59	47401 PENS_T1	0	0	0	0	0	0	0.76	0.8	0	0	0	0	0	0
1/19/2024 19:00	54505 ENOL_T2	1	1	0	0.4	0.8	0.4	-1.06	-1.03	1	1	0	600	600	0
1/19/2024 19:00	47403 PENS_T1	1	1	0	2.3	2.1	-0.2	0	0	0	0	0	0	0	0
1/19/2024 19:00	56802 BENV_T2	6	18	12	0.2	0.22	0.02	-1.09	-1.11	0	0	0	0	0	0
1/19/2024 19:00	46902 MNTG_T2	9	0	-9	0.12	0	-0.12	0	0	0	0	0	0	0	0
1/19/2024 19:00	44901 SCOT_T2	0	0	0	0	0	0	-0.97	-1.17	0	0	0	0	0	0
1/19/2024 19:00	59102 WALK_T2	0	0	0	0	0	0	-0.39	-0.38	1	1	0	600	600	0
1/19/2024 19:01	54206 PENN_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1/19/2024 19:01	56504 ROCK_T2	0	0	0	0	0	0	-0.25	-0.26	0	0	0	0	0	0
1/19/2024 19:01	58401 MORO_T1	0	0	0	0	0	0	-0.91	-0.91	1	1	0	600	600	0
1/19/2024 19:02	53501 EVIL_T2	2	4	2	0.25	0.27	0.02	-1.45	-1.42	2	2	0	1200	1200	0
1/19/2024 19:02	59101 WALK_T2	0	0	0	0	0	0	1.21	1.31	1	1	0	450	450	0
1/19/2024 19:02	58401 MORO_T1	0	0	0	0	0	0	-0.91	-0.91	1	1	0	600	600	0
1/19/2024 19:03	45601 WOOL_T1	0	0	0	0	0	0	-0.29	-0.29	1	1	0	1200	1200	0
1/19/2024 19:03	51004 NHAR_T1	23	28	5	0.65	0.69	0.04	-1.53	-1.51	0	0	0	0	0	0
1/19/2024 19:03

Appendix C - Grid Benefits Achieved in Each Instance of Active Management

1/20/2024 1:45	65001 NEFF_T2	0	0	0	0	0	0	-1.37	-1.38	1	1	0	1200	1200	0
1/20/2024 1:46	56801 BENV_T1	1	1	0	0.1	0	-0.1	-0.56	-0.59	1	1	0	600	600	0
1/20/2024 1:48	28704 HAML_T2	0	0	0	0	0	0	0.32	0.28	0	0	0	0	0	0
1/20/2024 1:51	50502 MECH_T1	1	1	0	0.4	0.2	-0.2	0	0	0	0	0	0	0	0
1/20/2024 1:52	17805 GILB_T2	0	0	0	0	0	0	-0.79	-0.77	0	0	0	0	0	0
1/20/2024 2:00	57401 SPAN_T1	0	0	0	0	0	0	-0.7	-0.64	1	1	0	600	600	0
1/20/2024 2:03	57401 SPAN_T1	0	0	0	0	0	0	-1.41	-1.29	2	2	0	1200	1200	0
1/20/2024 2:07	56802 BENV_T2	0	0	0	0	0	0	-1.22	-1.35	0	0	0	0	0	0
1/20/2024 2:08	57401 SPAN_T1	0	0	0	0	0	0	-0.7	-0.64	1	1	0	600	600	0
1/20/2024 2:09	56802 BENV_T2	0	0	0	0	0	0	-1.35	-1.34	0	0	0	0	0	0
1/20/2024 2:13	67602 WARW_T2	0	1	-1	0	0	0	0.43	0.43	0	0	0	0	0	0
1/20/2024 2:15	52102 MEIS_T1	6	0	-6	0.17	0	-0.17	0	0	0	0	0	0	0	0
1/20/2024 2:20	49803 UNIV_T1	0	0	0	0	0	0	-1.07	-1.06	0	0	0	0	0	0
1/20/2024 2:26	65001 NEFF_T2	0	0	0	0	0	0	-1.41	-1.37	1	1	0	1200	1200	0
1/20/2024 2:27	53903 HALI_T2	3	3	0	0.3	0.27	-0.03	-0.22	-0.22	0	0	0	0	0	0
1/20/2024 2:32	65001 NEFF_T2	0	0	0	0	0	0	-1.41	-1.37	1	1	0	1200	1200	0
1/20/2024 2:34	59101 WALK_T2	0	0	0	0	0	0	1.26	1.39	0	0	0	0	0	0
1/20/2024 2:39	53501 EVIL_T2	0	0	0	0	0	0	-1.22	-1.19	1	1	0	600	600	0
1/20/2024 2:54	59101 WALK_T2	0	0	0	0	0	0	1.49	0.9	0	0	0	0	0	0
1/20/2024 2:55	60101 COCA_T1	0	0	0	0	0	0	0.48	0.44	0	0	0	0	0	0
1/20/2024 2:58	65001 NEFF_T2	0	0	0	0	0	0	-1.39	-1.39	1	1	0	1200	1200	0
1/20/2024 3:04	46204 DANV_T2	63	80	17	0.32	0.22	-0.1	0	0	0	0	0	0	0	0
1/20/2024 3:25	65001 NEFF_T2	0	11	11	0	0.15	0.15	-1.4	-1.42	1	1	0	1200	1200	0
1/20/2024 3:26	15604 NSTR_T1	8	7	-1	0.6	1.4	0.8	-0.41	-0.41	0	0	0	0	0	0
1/20/2024 3:27	46901 MNTG_T2	0	1	-1	0	0.6	0.6	0	0	0	0	0	0	0	0
1/20/2024 3:33	43104 SMIL_T2	0	0	0	0	0	0	-0.68	-0.68	1	1	0	300	300	0
1/20/2024 3:53	59202 THOM_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1/20/2024 3:56	46901 MNTG_T2	1	1	0	0.6	0.1	-0.5	0	0	0	0	0	0	0	0
1/20/2024 3:57	43102 SMIL_T2	0	1	1	0	0.2	0.2	0	0	0	0	0	0	0	0
1/20/2024 4:00	46204 DANV_T2	84	92	8	0.34	0.25	-0.09	0	0	0	0	0	0	0	0
1/20/2024 4:00	53901 HALI_T2	0	0	0	0	0	0	-1.4	-1.42	0	0	0	0	0	0
1/20/2024 4:11	46204 DANV_T2	84	92	8	0.34	0.25	-0.09	0	0	0	0	0	0	0	0
1/20/2024 4:14	46203 DANV_T2	0	0	0	0	0	0	-1.88	-1.83	0	0	0	0	0	0
1/20/2024 4:21	45301 WBER_T2	1	1	0	0.1	0.3	0.2	0	0	0	0	0	0	0	0
1/20/2024 4:29	11104 EGYP_T1	7	3	-4	0.36	0.2	-0.16	0.56	0.58	0	0	0	0	0	0
1/20/2024 4:59	65001 NEFF_T2	0	0	0	0	0	0	-1.33	-1.32	1	1	0	1200	1200	0
1/20/2024 5:46	65001 NEFF_T2	0	0	0	0	0	0	-1.33	-1.35	1	1	0	1200	1200	0
1/20/2024 6:29	65001 NEFF_T2	0	0	0	0	0	0	-1.3	-1.26	1	1	0	1200	1200	0
1/20/2024 7:21	65001 NEFF_T2	0	0	0	0	0	0	-1.19	-1.16	1	1	0	1200	1200	0
1/20/2024 7:52	45302 WBER_T2	40	40	0	1.46	1.1	-0.36	0.97	0.98	0	0	0	0	0	0
1/20/2024 7:55	45502 DERR_T2	21	15	-6	0.58	0.52	-0.06	0	0	0	0	0	0	0	0
1/20/2024 7:55	46204 DANV_T2	99	120	21	0.56	1.01	0.45	0	0	0	0	0	0	0	0
1/20/2024 7:55	23901 EFMO_T2	14	32	18	0.63	0.55	-0.08	-0.64	-0.63	0	0	0	0	0	0
1/20/2024 7:56	46204 DANV_T2	99	120	21	0.56	1.01	0.45	0	0	0	0	0	0	0	0
1/20/2024 7:56	53901 HALI_T2	0	1	1	0	0	0	-1.31	-1.29	0	0	0	0	0	0
1/20/2024 7:57	45502 DERR_T2	21	15	-6	0.58	0.52	-0.06	0	0	0	0	0	0	0	0
1/20/2024 7:58	46204 DANV_T2	99	120	21	0.56	1.01	0.45	0	0	0	0	0	0	0	0
1/20/2024 8:00	53901 HALI_T2	0	1	1	0	0.3	0.3	-1.31	-1.29	0	0	0	0	0	0
1/20/2024 8:02	15604 NSTR_T1	72	125	53	0.56	0.56	0	-0.26	-0.26	0	0	0	0	0	0
1/20/2024 8:03	57303 MOAL_T2	1	1	0	8.6	8.5	-0.1	0	0	0	0	0	0	0	0
1/20/2024 8:04	43108 SMIL_T2	1	1	0	0.4	0.6	0.2	0	0	0	0	0	0	0	0
1/20/2024 8:04	15604 NSTR_T1	72	125	53	0.56	0.56	0	-0.26	-0.26	0	0	0	0	0	0
1/20/2024 8:06	43108 SMIL_T2	1	1	0	0.4	0.6	0.2	0	0	0	0	0	0	0	0
1/20/2024 8:09	45303 WBER_T2	0	5	5	0	0	0	0	0	0	0	0	0	0	0
1/20/2024 8:11	43103 SMIL_T2	0	0	0	0	0	0	-0.7	-0.72	0	0	0	0	0	0
1/20/2024 8:12	17802 GILB_T1	0	13	13	0	0.3	0.3	0.34	0.36	0	0	0	0	0	0
1/20/2024 8:18	43201 MVIL_T2	1	2	1	0.2	0.7	0.5	0	0	0	0	0	0	0	0
1/20/2024 8:19	65001 NEFF_T2	0	0	0	0	0	0	-1.11	-1.17	1	1	0	1200	1200	0
1/20/2024 8:21	43201 MVIL_T2	1	2	1	0.2	0.7	0.5	0	0	0	0	0	0	0	0
1/20/2024 8:21	43101 SMIL_T2	2	2	0	2	2.6	0.6	0	0	0	0	0	0	0	0
1/20/2024 8:22	43104 SMIL_T2	0	1	1	0	0	0	0	0	0	0	0	0	0	0
1/20/2024 8:23	49804 UNIV_T1	1	6	5	0.9	1.4	0.5	0	0	0	0	0	0	0	0
1/20/2024 8:39	56801 BENV_T1	11	7	-4	0.48	0.5	0.02	-0.95	-0.95	2	2	0	1200	1200	0
1/20/2024 8:40	56801 BENV_T1	11	7	-4	0.48	0.5	0.02	-0.95	-0.95	2	2	0	1200	1200	0
1/20/2024 8:47	55002 NEWP_T1	0	0	0	0	0	0	-0.11	-0.08	0	0	0	0	0	0
1/20/2024 8:49	44905 SCOT_T1	226	236	10	1.52	1.9	0.38	0	0	0	0	0	0	0	0
1/20/2024 8:49	46901 MNTG_T2	0	0	0	0	0	0	1.13	1.04	0	0	0	0	0	0
1/20/2024 8:50	46903 MNTG_T2	0	0	0	0	0	0	-0.03	-0.04	1	1	0	600	600	0
1/20/2024 8:52	56803 BENV_T1	2	2	0	0.4	0	-0.4	0	0	0	0	0	0	0	0
1/20/2024 8:53	56801 BENV_T1	4	12	8	0.58	0.23	-0.35	-1.9	-1.9	4	4	0	2400	2400	0
1/20/2024 8:54	56803 BENV_T1	2	2	0	0.4	0	-0.4	0	0	0	0	0	0	0	0
1/20/2024 8:55	56803 BENV_T1	2	2	0	0.4	0	-0.4	0	0	0	0	0	0	0	0
1/20/2024 8:56	65001 NEFF_T2	0	0	0	0	0	0	-1.18	-1.15	1	1	0	1200	1200	0
1/20/2024 8:57	56801 BENV_T1	4	12	8	0.58	0.23	-0.35	-1.9	-1.96	4	4	0	2400	2400	0
1/20/2024 8:59	46801 HEPB_T2	0	1	1	0	0.4	0.4	0.79	0.8	0	0	0	0	0	0
1/20/2024 9:00	60701 BREC_T1	1	2	1	0.2	0	-0.2	-0.95	-0.95	2	2	0	1200	1200	0
1/20/2024 9:00	57401 SPAN_T1	0	0	0	0	0	0	-1.08	-1.01	1	1	0	600	600	0
1/20/2024 9:00	57403 SPAN_T1	0	0	0	0	0	0	0.28	0.33	0	0	0	0	0	0
1/20/2024 9:00	45301 WBER_T2	1	1	0	1.1	0.4	-0.7	0	0	0	0	0	0	0	0
1/20/2024 9:00	56504 ROCK_T2	2	2	0	1.3	0.8	-0.5	0.06	0.01	0	0	0	0	0	0
1/20/2024 9:00	60101 COCA_T1	0	0	0	0	0	0	0.62	0.62	0	0	0	0	0	0
1/20/2024 9:00	65001 NEFF_T2	0	0	0	0	0	0	-2.36	-2.3	2	2	0	2400	2400	0
1/20/2024 9:00	44905 SCOT_T1	228	143	-85	1.57	2.01	0.44	0	0	0	0	0	0	0	0
1/20/2024 9:00	53901 HALI_T2	1	2	1	0.1	1	0.9	0	0	0	0	0	0	0	0
1/20/2024 9:00	46204 DANV_T2	118	114	-4	1.5	0.52	-0.98	0	0	0	0	0	0	0	0
1/20/2024 9:00	16101 BING_T2	170	159	-11	1.24	1.58	0.34	-0.82	-0.83	0	0	0	0	0	0
1/20/2024 9:00	64201 KINZ_T1	0	1	1	0	4.2	4.2	-1.19	-1.19	4	4	0	2100	2100	0
1/20/2024 9:00	46001 BERW_T1	0	0	0	0	0	0	0.82	0.88	0	0	0	0	0	0
1/20/2024 9:00	52102 MEIS_T1	0	0	0	0	0	0	0	0	1	1	0	450	450	0
1/20/2024 9:00	42902 MIDD_T2	41	53	12	0.87	1	0.13	0	0	0	0	0	0	0	0
1/20/2024 9:00	43001 ALWD_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1/20/2024 9:00	43301 WATS_T2	1	2	1	0.4	0	-0.4	0	0	0	0	0	0	0	0
1/20/2024 9:00	53502 EVIL_T2	14	2	-12	1.69	0.2	-1.49	0	0	0	0	0	0	0	0
1/20/2024 9:00	56802 BENV_T2	0	1	1	0	0	0	-1.18	-1.11	0	0	0	0	0	0
1/20/2024 9:00	23401 HONE_T2	3	5	2	0.47	0.25	-0.22	-0.41	-0.39	0	0	0	0	0	0
1/20/2024 9:00	67503 WEWI_T2	1	2	1	2	0.75	-1.25	-0.49	-0.47	1	1	0	600	600	0
1/20/2024 9:00	46004 BERW_T2	3	4	1	0.33	0	-0.33	-0.65	-0.6	0	0	0	0	0	0
1/20/2024 9:01	66505 SMAN_T2	0	0	0	0	0	0	-0.4	-0.08	2	1	-1	1100	900	-200
1/20/2024 9:01	56504 ROCK_T2	2	2	0	1.3	0.8	-0.5	0	0	0	0	0	0	0	0
1/20/2024 9:04	12701 MACU_T1	7	3	-4	0.79	0.65	-0.14	-0.88	-0.9	1	1	0	1200	1200	0
1/20/2024 9:07	67402 WAKE_T2	0	0	0	0	0	0	-0.2	-0.25	1	1	0	600	600	0
1/20/2024 9:07	13701 SCHN_T2	0	1	1	0	0	0	0.14	0.15	1	1	0	600	600	0
1/20/2024 9:08	44201 POIN_T1	0	0	0	0	0	0	-1.42	-1.48	1	1	0	900	900	0
1/20/2024 9:08	56801 BENV_T1	5	12	7	0.54	0.28	-0.26	-1.9	-1.96	4	4	0	2400	2400	0
1/20/2024 9:08	59102 WALK_T2	0	0	0	0	0	0	-0.34	-0.36	1	1	0	600	600	0
1/20/2024 9:08	60801 BUCK_T1	0	0	0	0	0	0	-0.74	-0.75	1	1	0	600	600	0
1/20/2024 9:08	67503 WEWI_T2	1	2	1	2	0.75	-1.25	-0.49	-0.47	1	1	0	600	600	0
1/20/2024 9:09	56801 BENV_T1	5	12	7	0.54	0.28	-0.26	-1.96	-1.98	4	4	0	2400	2400	0
1/20/2024 9:09	45501 DERR_T2	6	2	-4	0.53	0	-0.53	-0.52	-0.54	2	2	0	1800	1800	0
1/20/2024 9:09	43108 SMIL_T2	1	1	0	0.6	0.5	-0.1	0	0	0	0	0	0	0	0
1/20/2024 9:09	46204 DANV_T2	118	114	-4	1.5	0.52	-0.98	0	0	0	0	0	0	0	0
1/20/2024 9:10	56803 BENV_T1	2	0	-2	0.35	0	-0.35	0	0	0	0	0	0	0	0
1/20/2024 9:10	45302 WBER_T2	39	40	1	1.23	0.88	-0.35	0.93	0.88	0	0	0	0	0	0
1/20/2024 9:10	49803 UNIV_T1	5	18	13	0.52	0.6	0.08	-0.77	-0.82	0	0	0	0	0	0
1/20/2024 9:10	46001 BERW_T1	0	0	0	0	0	0	0.88	0.83	0	0	0	0	0	0
1/20/2024 9:11	56801 BENV_T1	5	12	7	0.54	0.28	-0.26	-0.98	-0.99	2	2	0	1200	1200	0
1/20/2024 9:12	45502 DERR_T2	2	3	1	1.05	0.65	-0.4	0	0	0	0	0	0	0	0
1/20/2024 9:12	46203 DANV_T2	3	1	-2	0.23	0.1	-0.13	0	0	0	0	0	0	0	0
1/20/2024 9:12	56803 BENV_T1	2	0	-2	0.35	0	-0.35	0	0	0	0	0	0	0	0
1/20/2024 9:13	46204 DANV_T2	118	114	-4	1.5	0.52	-0.98	0	0	0	0	0	0	0	0
1/20/2024 9:13	23902 EFMO_T2	3	5	2	0.8	0.2	-0.6	0	0	0	0	0	0	0	0
1/20/2024 9:14	53901 HALI_T2	1	2	1	0.1	1	0.9	-1.31	-1.33	0	0	0	0	0	0
1/20/2024 9:15	53903 HALI_T2	2	2	0	0.3	0.1	-0.2	0	0	0	0	0	0	0	0
1/20/2024 9:15	42903 MIDD_T2	2	2	0	0.45	0.45	0	0	0	0	0	0	0	0	0
1/20/2024 9:15	46901 MNTG_T2	0	0	0	0	0	0	0.87	0.84	0	0	0	0	0	0
1/20/2024 9:16	46903 MNTG_T2	0	0	0	0	0	0	-0.06	-0.06	1	1	0	600	600	0
1/20/2024 9:16	43201 MVIL_T2	2	2	0	0.6	0.65	0.05	0	0	0	0	0	0	0	0
1/20/2024 9:16	17802 GILB_T1	9	17	8	0.27	0.42	0.15	0.39	0.37	0	0	0	0	0	0
1/20/2024 9:17	59302 MCAL_T1	0	1	1	0	0	0	-0.61	-0.63	1	1	0	600	600	0
1/20/2024 9:18	52102 MEIS_T1	0	0	0	0	0	0	0	0	1	1	0	450	450	0
1/20/2024 9:18	43201 MVIL_T2	2	2	0	0.6	0.65	0.05	0	0	0	0	0	0	0	0
1/20/2024 9:19	42903 MIDD_T2	2	2	0	0.45	0.45	0	0	0	0	0	0	0	0	0
1/20/2024 9:19	43101 SMIL_T2	3	2	-1	1.87	5.3	3.43	0	0	0	0	0	0	0	0
1/20/2024 9:23	43104 SMIL_T2	0	0	0	0	0	0	-0.59	-0.59	1	1	0	300	300	0
1/20/2024 9:23	56803 BENV_T1	0	1	1	0	0	0	0	0	0	0	0	0	0	0
1/20/2024 9:25	49803 UNIV_T1	17	4	-13	0.39	1.1	0.71	-0.82	-0.8	0	0	0	0	0	0
1/20/2024 9:25	56801 BENV_T1	9	11	2	0.23	0.24	0.01	-0.99	-0.95	2	2	0	1200	1200	0
1/20/2024 9:26	56803 BENV_T1	0	1	1	0	0	0	0	0	0	0	0	0	0	0
1/20/2024 9:26	42701 AUGU_T1	6	29	23	0.67	0.53	-0.14	0	0	1	1	0	600	600	0
1/20/2024 9:27	56803 BENV_T1	0	1	1	0	0	0	0	0	0	0	0	0	0	0
1/20/2024 9:28	11804 FRAN_T1	71	23	-48	0.43	0.22	-0.21	0.77	0.75	0	0	0	0	0	0
1/20/2024 9:30	28702 HAML_T2	3	6	3	0.17	0.3	0.13	0	0	0	0	0	0	0	0
1/20/2024 9:30	46903 MNTG_T2	0	0	0	0	0	0	-0.06	-0.09	1	1	0	600	600	0
1/20/2024 9:31	52102 MEIS_T1	0	0	0	0	0	0	0	0	2	2	0	900	900	0
1/20/2024 9:32	46903 MNTG_T2	0	0	0	0	0	0	-0.12	-0.19	2	2	0	1200	1200	0
1/20/2024 9:33	15604 NSTR_T1	148	149	1	1.11	1.08	-0.03	-0.21	-0.2	0	0	0	0	0	0
1/20/2024 9:33	46903 MNTG_T2	0	0	0	0	0	0	-0.06	-0.09	1	1	0	600	600	0
1/20/2024 9:33	42903 MIDD_T2	2	2	0	0.45	0.5	0.05	0	0	0	0	0	0	0	0
1/20/2024 9:33	56501 ROCK_T2	1	2	1	3.9	2.7	-1.2	-2.06	-2.11	0	0	0	0	0	0
1/20/2024 9:33	55001 NEWP_T1	0	8	8	0	0.78	0.78	-0.6	-0.54	1	1	0	600	600	0
1/20/2024 9:34	66703 STRA_T1	0	5	5	0	0	0	-0.96	-0.96	0	0	0	0	0	0
1/20/2024 9:34	55001 NEWP_T1	0	8	8	0	0.78	0.78	0	0	0	0	0	0	0	0
1/20/2024 9:34	65604 CPIL_T2	0	0	0	0	0	0	-0.36	-0.38	0	0	0	0	0	0
1/20/2024 9:35	56501 ROCK_T2	1	2	1	3.9	2.7	-1.2	-2.06	-2.11	0	0	0	0	0	0
1/20/2024 9:35	52102 MEIS_T1	0	0	0	0	0	0	0	0	1	1	0	450	450	0
1/20/2024 9:35	55001 NEWP_T1	0	8	8	0	0.78	0.78	-0.6	-0.54	1	1	0	600	600	0
1/20/2024 9:36	44905 SCOT_T1	127	125	-2	2.06	1.92	-0.14	0	0	0	0	0	0	0	0
1/20/2024 9:36	15604 NSTR_T1	148	149	1	1.11	1.08	-0.03	-0.21	-0.2	0	0	0	0	0	0
1/20/2024 9:36	55001 NEWP_T1	0	8	8	0	0.78	0.78	-0.6	-0.54	1	1	0	600	600	0
1/20/2024 9:37	44905 SCOT_T1	127	125	-2	2.06	1.92	-0.14	0	0	0	0	0	0	0	0
1/20/2024 9:37	59101 WALK_T2	8	0	-8	0.33	0	-0.33	0.99	1.05	1	1	0	600	600	0
1/20/2024 9:38	44903 SCOT_T1	0	2	2	0	0	0	-0.01	-0.01	0	0	0	0	0	0
1/20/2024 9:38	59101 WALK_T2	8	0	-8	0.33	0	-0.33	0.99	1.05	1	1	0	600	600	0
1/20/2024 9:39	59101 WALK_T2	8	0	-8	0.33	0	-0.33	1.05	1.06	1	1	0	600	600	0
1/20/2024 9:40	11104 EGYP_T1	2	4	2	0.4	0.2	-0.2	-0.28	-0.31	1	1	0	900	900	0
1/20/2024 9:40	46203 DANV_T2	1	2	1	0.4	0.5	0.1	-1.65	-1.69	0	0	0	0	0	0
1/20/2024 9:41	11104 EGYP_T1	2	4	2	0.4	0.2	-0.2	-0.28	-0.31	1	1	0	900	900	0
1/20/2024 9:42	46204 DANV_T2	96	113	17	0.52	0.7	0.18	0	0	0	0	0	0	0	0
1/20/2024 9:45	64202 KINZ_T1	0	0	0	0	0	0	0.72	0.69	0	0	0	0	0	0
1/20/2024 9:47	52002 LING_T2	4	3	-1	0.35	0.5	0.15	0.33	0.28	0	0	0	0	0	0
1/20/2024 9:48	52004 LING_T2	1	1	0	2.5	2.1	-0.4	0	0	0	0	0	0	0	0
1/20/2024 9:48	46301 ROHR_T1	6	9	3	0.57	1.05	0.48	0	0	0	0	0	0	0	0
1/20/2024 9:49	60502 NMAN_T2	0	0	0	0	0	0	-0.17	-0.19	0	0	0	0	0	0
1/20/2024 9:49	46302 ROHR_T1	31	26	-5	0.74	0.6	-0.14	0.03	0	0	0	0	0	0	0
1/20/2024 9:50	67901 WNHO_T2	60	80	20	0.24	0.26	0.02	-0.51	-0.54	0	0	0	0	0	0
1/20/2024 9:50	44901 SCOT_T2	0	0	0	0	0	0	-1.22	-1.18	0	0	0	0	0	0
1/20/2024 9:52	66504 SMAN_T2	0	0	0	0	0	0	-3.1	-3.13	3	3	0	3600	3600	0
1/20/2024 9:52	64101 REFR_T1	0	0	0	0	0	0

1/20/2024 10:18	52004 LING_T2	1	2	1	2.1	2.3	0.2	0	0	0	0	0	0	0
1/20/2024 10:18	43201 MVIL_T2	1	2	1	0.4	0.2	-0.2	-1.2	-1.22	0	0	0	0	0
1/20/2024 10:18	44703 MUNC_T2	0	2	2	0	0	0	0	0	0	0	0	0	0
1/20/2024 10:19	57303 MOAL_T2	1	1	0	8.9	8.5	-0.4	0	0	0	0	0	0	0
1/20/2024 10:19	57401 SPAN_T1	0	0	0	0	0	0	-1.18	-1.39	1	1	0	600	600	0
1/20/2024 10:20	57304 MOAL_T2	1	0	-1	0.1	0	-0.1	-0.94	-0.99	0	0	0	0	0	0
1/20/2024 10:20	44703 MUNC_T2	0	2	2	0	0	0	0	0	0	0	0	0	0	0
1/20/2024 10:21	67602 WARW_T2	1	2	1	0.8	0.6	-0.2	0.85	0.87	0	0	0	0	0	0
1/20/2024 10:21	43201 MVIL_T2	1	2	1	0.4	0.2	-0.2	0	0	0	0	0	0	0	0
1/20/2024 10:22	65902 SAKR_T2	0	0	0	0	0	0	-1.19	-1.2	1	1	0	900	900	0
1/20/2024 10:22	56501 ROCK_T2	2	5	3	0.45	0.15	-0.3	-2.12	-2.09	0	0	0	0	0	0
1/20/2024 10:23	56504 ROCK_T2	2	2	0	0.7	1	0.3	0	0	0	0	0	0	0	0
1/20/2024 10:24	14403 SSLA_T1	1	7	6	0.1	0.44	0.34	0.88	0.87	2	2	0	1200	1200	0
1/20/2024 10:24	57401 SPAN_T1	0	0	0	0	0	0	-1.39	-1.4	1	1	0	600	600	0
1/20/2024 10:24	67602 WARW_T2	1	1	0	0.8	0.6	-0.2	0.44	0.53	0	0	0	0	0	0
1/20/2024 10:25	56803 BENV_T1	1	1	0	0.5	0	-0.5	-0.17	-0.17	1	1	0	600	600	0
1/20/2024 10:27	56803 BENV_T1	1	1	0	0.5	0	-0.5	-0.17	-0.17	1	1	0	600	600	0
1/20/2024 10:28	26402 INOR_T1	3	3	0	0.27	0.2	-0.07	0	0	0	0	0	0	0	0
1/20/2024 10:29	28701 HAML_T2	2	7	5	0.6	0.45	-0.15	0	0	0	0	0	0	0	0
1/20/2024 10:33	47402 PENS_T1	2	0	-2	0.85	0	-0.85	0	0	0	0	0	0	0	0
1/20/2024 10:34	47402 PENS_T1	2	0	-2	0.85	0	-0.85	0	0	0	0	0	0	0	0
1/20/2024 10:34	56504 ROCK_T2	2	2	0	1.15	1	-0.15	0	0	0	0	0	0	0	0
1/20/2024 10:35	56501 ROCK_T2	5	11	6	0.22	0.16	-0.06	-2.09	-2.16	0	0	0	0	0	0
1/20/2024 10:35	56801 BENV_T1	8	17	9	0.25	0.87	0.62	0	0	0	0	0	0	0	0
1/20/2024 10:36	45402 WBLO_T2	0	1	1	0	0.5	0.5	-1.31	-1.27	1	1	0	900	900	0
1/20/2024 10:37	56501 ROCK_T2	5	11	6	0.22	0.16	-0.06	-4.17	-4.31	0	0	0	0	0	0
1/20/2024 10:38	56501 ROCK_T2	5	11	6	0.22	0.16	-0.06	-2.09	-2.16	0	0	0	0	0	0
1/20/2024 10:39	46203 DANV_T2	0	0	0	0	0	0	-1.69	-1.67	0	0	0	0	0	0
1/20/2024 10:39	51603 DUKE_T1	0	0	0	0	0	0	-1.01	-1	0	0	0	0	0	0
1/20/2024 10:40	10602 BLGL_T2	3	4	1	2.63	2.73	0.1	0.66	0.65	0	0	0	0	0	0
1/20/2024 10:43	51603 DUKE_T1	0	0	0	0	0	0	-2.01	-1.99	0	0	0	0	0	0
1/20/2024 10:44	28704 HAML_T2	0	0	0	0	0	0	-0.61	-0.59	0	0	0	0	0	0
1/20/2024 10:44	52004 LING_T2	2	2	0	1.3	2.3	1	0	0	0	0	0	0	0	0
1/20/2024 10:44	46801 HEPB_T2	0	0	0	0	0	0	0.77	0.76	0	0	0	0	0	0
1/20/2024 10:44	51603 DUKE_T1	0	0	0	0	0	0	-1.01	-1	0	0	0	0	0	0
1/20/2024 10:45	52102 MEIS_T1	0	1	1	0	0	0	0	0	1	1	0	450	450	0
1/20/2024 10:46	46801 HEPB_T2	0	1	1	0	0	0	0.77	0.76	0	0	0	0	0	0
1/20/2024 10:46	59302 MCAL_T1	0	1	1	0	0	0	-0.68	-0.64	1	1	0	600	600	0
1/20/2024 10:47	52102 MEIS_T1	0	1	1	0	0	0	0	0	1	1	0	450	450	0
1/20/2024 10:49	43101 SMIL_T2	1	1	0	4.8	5.2	0.4	0	0	0	0	0	0	0	0
1/20/2024 10:50	44901 SCOT_T2	0	0	0	0	0	0	-1.27	-1.24	0	0	0	0	0	0
1/20/2024 10:50	54202 PENN_T2	0	1	1	0	0	0	0	0	0	0	0	0	0	0
1/20/2024 10:51	54202 PENN_T2	0	1	1	0	0	0	0	0	0	0	0	0	0	0
1/20/2024 10:51	15604 NSTR_T1	117	137	20	0.68	0.81	0.13	-0.24	-0.25	0	0	0	0	0	0
1/20/2024 10:52	67204 TEHI_T2	0	0	0	0	0	0	0.62	0.58	0	0	0	0	0	0
1/20/2024 10:53	51107 CARL_T1	0	0	0	0	0	0	-0.45	-0.43	0	0	0	0	0	0
1/20/2024 10:53	43105 SMIL_T2	0	3	3	0	0	0	0	0	0	0	0	0	0	0
1/20/2024 10:54	43101 SMIL_T2	1	1	0	4.8	5.2	0.4	0	0	0	0	0	0	0	0
1/20/2024 10:54	67201 TEHI_T1	0	0	0	0	0	0	0.14	0.14	0	0	0	0	0	0
1/20/2024 10:56	60201 ATGL_T2	0	0	0	0	0	0	-0.51	-0.36	2	2	0	900	900	0
1/20/2024 10:56	51107 CARL_T1	0	0	0	0	0	0	-0.43	-0.48	0	0	0	0	0	0
1/20/2024 10:57	51604 DUKE_T2	0	0	0	0	0	0	-2.81	-2.78	1	1	0	900	900	0
1/20/2024 10:58	51604 DUKE_T2	0	0	0	0	0	0	-2.81	-2.78	1	1	0	900	900	0
1/20/2024 10:59	53903 HALI_T2	2	2	0	0.75	0.7	-0.05	0	0	0	0	0	0	0	0
1/20/2024 10:59	63403 HONY_T2	0	0	0	0	0	0	-0.24	-0.18	0	0	0	0	0	0
1/20/2024 10:59	52102 MEIS_T1	0	1	1	0	0	0	0	0	1	1	0	450	450	0
1/20/2024 11:00	42002 MNVL_T2	1	1	0	9.1	8.7	-0.4	0	0	0	0	0	0	0	0
1/20/2024 11:01	64801 MONE_T2	0	0	0	0	0	0	-0.35	-0.33	0	0	0	0	0	0
1/20/2024 11:02	16103 BING_T2	0	1	1	0	0.2	0.2	0	0	0	0	0	0	0	0
1/20/2024 11:03	52102 MEIS_T1	0	1	1	0	0.2	0.2	0	0	1	1	0	450	450	0
1/20/2024 11:06	42902 MIDD_T2	9	2	-7	0.31	0	-0.31	-0.45	-0.45	0	0	0	0	0	0
1/20/2024 11:06	14401 SSLA_T1	0	3	3	0	0	0	0	0	0	0	0	0	0	0
1/20/2024 11:06	13302 ORVI_T2	3	8	5	0.1	0.2	0.1	1.35	1.25	0	0	0	0	0	0
1/20/2024 11:10	55105 WERT_T1	0	0	0	0	0	0	-0.35	-0.35	1	1	0	900	900	0
1/20/2024 11:10	16302 ALPA_T2	0	0	0	0	0	0	-1.34	-1.25	0	0	0	0	0	0
1/20/2024 11:11	16302 ALPA_T2	0	0	0	0	0	0	-0.67	-0.62	0	0	0	0	0	0
1/20/2024 11:12	16302 ALPA_T2	0	0	0	0	0	0	-0.67	-0.62	0	0	0	0	0	0
1/20/2024 11:16	52004 LING_T2	3	4	1	0.87	1.35	0.48	0.09	0.09	0	0	0	0	0	0
1/20/2024 11:17	46903 MNTG_T2	0	0	0	0	0	0	-0.1	-0.14	1	1	0	600	600	0
1/20/2024 11:17	57303 MOAL_T2	1	1	0	8.7	8.3	-0.4	0	0	0	0	0	0	0	0
1/20/2024 11:18	46901 MNTG_T2	1	1	0	0.8	0.8	0	1.32	1.37	0	0	0	0	0	0
1/20/2024 11:18	65001 NEFF_T2	0	8	8	0	0.16	0.16	-1.21	-1.24	1	1	0	1200	1200	0
1/20/2024 11:19	52501 PROG_T1	0	0	0	0	0	0	0.05	0.39	1	1	0	300	300	0
1/20/2024 11:20	43101 SMIL_T2	1	1	0	5.5	4.8	-0.7	-0.64	-0.65	0	0	0	0	0	0
1/20/2024 11:22	66505 SMAN_T2	1	0	-1	0.3	0	-0.3	-0.19	-0.41	2	1	-1	1100	900	-200
1/20/2024 11:23	44601 SALE_T2	0	0	0	0	0	0	-0.05	-0.03	0	0	0	0	0	0
1/20/2024 11:23	46001 BERW_T1	0	0	0	0	0	0	0.78	0.82	0	0	0	0	0	0
1/20/2024 11:23	66703 STRA_T1	18	27	9	0.57	0.45	-0.12	-0.92	-0.98	0	0	0	0	0	0
1/20/2024 11:23	66505 SMAN_T2	1	0	-1	0.3	0	-0.3	-0.19	-0.41	2	1	-1	1100	900	-200
1/20/2024 11:24	60101 COCA_T1	0	0	0	0	0	0	1.24	1.24	0	0	0	0	0	0
1/20/2024 11:24	66703 STRA_T1	18	27	9	0.57	0.45	-0.12	-0.98	-0.99	0	0	0	0	0	0
1/20/2024 11:24	59101 WALK_T2	0	0	0	0	0	0	1.1	1.06	1	1	0	600	600	0
1/20/2024 11:25	62105 ELAN_T1	0	0	0	0	0	0	0.57	0.55	0	0	0	0	0	0
1/20/2024 11:25	60101 COCA_T1	0	0	0	0	0	0	0.62	0.62	0	0	0	0	0	0
1/20/2024 11:25	10801 CHHI_T1	1	1	0	0.4	0.9	0.5	-1.24	-1.29	2	2	0	1500	1500	0
1/20/2024 11:26	46001 BERW_T1	0	0	0	0	0	0	0.82	0.82	0	0	0	0	0	0
1/20/2024 11:26	45501 DERR_T2	0	1	1	0	0	0	-0.73	-0.74	2	2	0	1800	1800	0
1/20/2024 11:27	60101 COCA_T1	0	0	0	0	0	0	0.62	0.62	0	0	0	0	0	0
1/20/2024 11:27	53903 HALI_T2	2	2	0	0.3	0.45	0.15	0	0	0	0	0	0	0	0
1/20/2024 11:28	45501 DERR_T2	0	1	1	0	0	0	-0.73	-0.74	2	2	0	1800	1800	0
1/20/2024 11:28	51904 COPA_T1	3	6	3	0.17	0.32	0.15	0	0	0	0	0	0	0	0
1/20/2024 11:29	62105 ELAN_T1	0	0	0	0	0	0	0.57	0.55	0	0	0	0	0	0
1/20/2024 11:29	53901 HALI_T2	0	0	0	0	0	0	-1.36	-1.34	0	0	0	0	0	0
1/20/2024 11:32	53901 HALI_T2	0	0	0	0	0	0	-1.36	-1.34	0	0	0	0	0	0
1/20/2024 11:32	60101 COCA_T1	0	0	0	0	0	0	0.62	0.62	0	0	0	0	0	0
1/20/2024 11:33	54206 PENN_T2	0	0	0	0	0	0	-0.97	-0.92	0	0	0	0	0	0
1/20/2024 11:33	44703 MUNC_T2	0	1	1	0	0	0	0	0	0	0	0	0	0	0
1/20/2024 11:33	53901 HALI_T2	0	0	0	0	0	0	-1.36	-1.34	0	0	0	0	0	0
1/20/2024 11:34	59301 MCAL_T1	0	1	1	0	0	0	0	0	0	0	0	0	0	0
1/20/2024 11:34	46204 DANV_T2	112	120	8	0.72	0.74	0.02	0	0	0	0	0	0	0	0
1/20/2024 11:34	44703 MUNC_T2	0	1	1	0	0	0	0	0	0	0	0	0	0	0
1/20/2024 11:34	13701 SCHN_T2	0	0	0	0	0	0	0.11	0.1	1	1	0	600	600	0
1/20/2024 11:34	54206 PENN_T2	0	0	0	0	0	0	-0.97	-0.92	0	0	0	0	0	0
1/20/2024 11:35	57401 SPAN_T1	0	0	0	0	0	0	-4.14	-4.41	3	3	0	1800	1800	0
1/20/2024 11:35	59101 WALK_T2	0	0	0	0	0	0	1.1	1.06	1	1	0	600	600	0
1/20/2024 11:35	53903 HALI_T2	0	2	2	0	0.45	0.45	0	0	0	0	0	0	0	0
1/20/2024 11:36	67201 TEHI_T1	0	0	0	0	0	0	0.06	-0.01	0	0	0	0	0	0
1/20/2024 11:36	59101 WALK_T2	0	0	0	0	0	0	1.1	1.06	1	1	0	600	600	0
1/20/2024 11:37	14403 SSLA_T1	1	5	4	0.2	0.1	-0.1	0.44	0.42	1	1	0	600	600	0
1/20/2024 11:37	59101 WALK_T2	0	0	0	0	0	0	1.1	1.06	1	1	0	600	600	0
1/20/2024 11:37	57401 SPAN_T1	0	0	0	0	0	0	-1.38	-1.47	1	1	0	600	600	0
1/20/2024 11:37	54206 PENN_T2	0	0	0	0	0	0	-0.97	-0.92	0	0	0	0	0	0
1/20/2024 11:38	14403 SSLA_T1	1	5	4	0.2	0.1	-0.1	0.44	0.42	1	1	0	600	600	0
1/20/2024 11:39	59101 WALK_T2	0	0	0	0	0	0	1.06	1	1	1	0	600	600	0
1/20/2024 11:41	43001 ALWD_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1/20/2024 11:41	11104 EGYP_T1	1	2	1	0.1	0	-0.1	-0.52	-0.63	2	2	0	1800	1800	0
1/20/2024 11:41	61101 BERK_T5	0	0	0	0	0	0	-1.62	-1.65	0	0	0	0	0	0
1/20/2024 11:42	61101 BERK_T5	0	0	0	0	0	0	-1.62	-1.65	0	0	0	0	0	0
1/20/2024 11:43	47001 HUGH_T2	0	0	0	0	0	0	-1.4	-1.39	1	1	0	900	900	0
1/20/2024 11:44	46801 HEPB_T2	1	0	-1	8.6	0	-8.6	0.77	0.78	0	0	0	0	0	0
1/20/2024 11:46	47001 HUGH_T2	0	0	0	0	0	0	-1.4	-1.39	1	1	0	900	900	0
1/20/2024 11:46	11104 EGYP_T1	1	2	1	0.3	0.3	0	-0.26	-0.32	1	1	0	900	900	0
1/20/2024 11:47	26401 INOR_T1	16	9	-7	0.46	0.33	-0.13	1.44	1.52	0	0	0	0	0	0
1/20/2024 11:49	57401 SPAN_T1	0	0	0	0	0	0	-1.47	-1.45	1	1	0	600	600	0
1/20/2024 11:50	13701 SCHN_T2	0	0	0	0	0	0	0.1	0.07	1	1	0	600	600	0
1/20/2024 11:51	14401 SSLA_T1	0	5	5	0	0	0	0	0	0	0	0	0	0	0
1/20/2024 11:51	65604 QVIL_T2	0	0	0	0	0	0	-0.4	-0.43	0	0	0	0	0	0
1/20/2024 11:51	57401 SPAN_T1	0	0	0	0	0	0	-4.41	-4.35	3	3	0	1800	1800	0
1/20/2024 11:53	14401 SSLA_T1	0	5	5	0	0	0	0	0	0	0	0	0	0	0
1/20/2024 11:53	57403 SPAN_T1	0	1	1	0	0	0	0	0	0	0	0	0	0	0
1/20/2024 11:55	60101 COCA_T1	0	0	0	0	0	0	0.65	0.65	0	0	0	0	0	0
1/20/2024 11:56	10801 CHHI_T1	1	2	1	0.9	0.4	-0.5	-1.29	-1.26	2	2	0	1500	1500	0
1/20/2024 11:57	60101 COCA_T1	0	0	0	0	0	0	0.65	0.65	0	0	0	0	0	0
1/20/2024 12:00	46801 HEPB_T2	0	0	0	0	0	0	0.78	0.76	0	0	0	0	0	0
1/20/2024 12:08	46001 BERW_T1	0	0	0	0	0	0	0.85	0.86	0	0	0	0	0	0
1/20/2024 12:10	65001 NEFF_T2	0	0	0	0	0	0	-1.13	-1.16	1	1	0	1200	1200	0
1/20/2024 12:11	46001 BERW_T1	0	0	0	0	0	0	0.86	0.87	0	0	0	0	0	0
1/20/2024 12:11	60101 COCA_T1	0	0	0	0	0	0	0.65	0.67	0	0	0	0	0	0
1/20/2024 12:13	60101 COCA_T1	0	0	0	0	0	0	0.65	0.67	0	0	0	0	0	0
1/20/2024 12:14	47002 HUGH_T2	0	1	1	0	0	0	0	0	0	0	0	0	0	0
1/20/2024 12:14	64401 LAND_T1	0	0	0	0	0	0	-1.04	-1.03	1	1	0	600	600	0
1/20/2024 12:15	26401 INOR_T1	3	5	2	0.47	0.65	0.18	0.75	0.72	0	0	0	0	0	0
1/20/2024 12:16	46801 HEPB_T2	0	16	16	0	0.31	0.31	0.76	0.79	0	0	0	0	0	0
1/20/2024 12:16	64401 LAND_T1	0	0	0	0	0	0	-1.04	-1.03	1	1	0	600	600	0
1/20/2024 12:17	47001 HUGH_T2	0	0	0	0	0	0	-1.37	-1.39	1	1	0	900	900	0
1/20/2024 12:21	59101 WALK_T2	0	0	0	0	0	0	1.74	1.18	1	1	0	450	450	0
1/20/2024 12:21	13701 SCHN_T2	0	0	0	0	0	0	0.09	0.12	1	1	0	600	600	0
1/20/2024 12:22	59101 WALK_T2	0	0	0	0	0	0	3.47	2.36	2	2	0	900	900	0
1/20/2024 12:23	59101 WALK_T2	0	0	0	0	0	0	1.74	1.18	1	1	0	450	450	0
1/20/2024 12:24	59101 WALK_T2	0	0	0	0	0	0	1.18	1.14	1	1	0	450	450	0
1/20/2024 12:27	11104 EGYP_T1	2	2	0	0.45	0.1	-0.35	-0.33	-0.33	1	1	0	900	900	0
1/20/2024 12:27	11101 EGYP_T1	0	0	0	0	0	0	-0.62	-0.61	1	1	0	1200	1200	0
1/20/2024 12:28	11102 EGYP_T1	4	0	-4	0.2	0	-0.2	0	0	0	0	0	0	0	0
1/20/2024 12:36	44601 SALE_T2	0	0	0	0	0	0	-0.07	-0.08	0	0	0	0	0	0
1/20/2024 12:42	65001 NEFF_T2	0	1	1	0	0.1	0.1	-1.06	-1.1	1	1	0	1200	1200	0
1/20/2024 12:47	17802 GILB_T1	0	0	0	0	0	0	0.19	0.22	0	0	0	0	0	0
1/20/2024 12:47	59301 MCAL_T1	2	2	0	0.3	0.2	-0.1	0	0	0	0	0	0	0	0
1/20/2024 12:54	67201 TEHI_T1	0	0	0	0	0	0	0.04	-0.05	0	0	0	0	0	0
1/20/2024 12:58	61801 EELI_T2	0	0	0	0	0	0	-0.72	-0.69	0	0	0	0	0	0
1/20/2024 12:59	17802 GILB_T1	0	0	0	0	0	0	0.22	0.24	0	0	0	0	0	0
1/20/2024 13:03	44601 SALE_T2	0	0	0	0	0	0	-0.06	-0.09	0	0	0	0	0	0
1/20/2024 13:03	44703 MUNC_T2	2	3	1	0.35	0.17	-0.18	0	0	0	0	0	0	0	0
1/20/2024 13:03	59302 MCAL_T1	0	1	1	0	0	0	-0.67	-0.66	1	1	0	600	600	0
1/20/2024 13:08	65001 NEFF_T2	0	0	0	0	0	0	-1.1	-1.04	1	1	0	1200	1200	0
1/20/2024 13:10	10801 CHHI_T1	0	0	0	0	0	0	-1.29	-1.32	2	2	0	1500	1500	0
1/20/2024 13:18	44601 SALE_T2	0	0	0	0	0	0	-0.09	-0.06	0	0	0	0	0	0
1/20/2024 13:20	65604 QVIL_T2	0	2	2	0	0	0	-0.4	0.49	0	0	0	0	0	0
1/20/2024 13:26	43001 ALWD_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1/20/2024 13:34	63203 MGTN_T1	0	0	0	0	0	0	-0.18	-0.19	1	1	0	600	600	0
1/20/2024 13:35	67402 WAKE_T2	0	0	0	0	0	0	-0.24	-0.23	1	1	0	600	600	0
1/20/2024 13:40	67402 WAKE_T2	0	0	0	0	0	0	-0.23	-0.29	1	1	0	600	600	0
1/20/2024 13:44	54504 ENOL_T2	0	0	0	0	0	0	-0.92	-0.92	1	1	0	600	600	0
1/20/2024 13:48	46803 HEPB_T2	4	7	3	0.33	0.29	-0.04	0	0	0	0	0	0	0	0
1/20/2024 13:50	65001 NEFF_T2	0	0	0	0	0	0	-1.17	-1.24	1	1	0	1200	1200	0
1/20/2024 13:56	11101 EGYP_T1	0	0	0	0	0	0	-0.64	-0.59	1	1	0	1200	1200	0
1/20/2024 13:57	11104 EGYP_T1	0	1	1	0	0	0	-0.38	-0.32	1	1	0	900	900	0
1/20/2024 13:58	11104 EGYP_T1	0	1	1	0	0	0	-0.38	-0.32	1	1	0	900	900	0
1/20/2024 14:02	45702 LIND_T2	0	0	0	0	0	0	-0.26	-0.26	0	0	0	0	0	0
1/20/2024 14:03	47403 PENS_T1	1	1	0	2.2	1.5	-0.7	0	0	0	0	0	0	0	0
1/20/2024 14:04	47403 PENS_T1	1	1	0	2.2	1.5

Appendix C - Grid Benefits Achieved in Each Instance of Active Management

1/20/2024 14:28	11102 EGYP_T1	0	8	8	0	0.32	0.32	0	0	0	0	0	0	0
1/20/2024 14:29	11104 EGYP_T1	1	0	-1	0.4	0	-0.4	-0.68	-0.59	2	2	0	1800	1800	0
1/20/2024 14:30	46801 HEPB_T2	19	38	19	0.34	0.35	0.01	-0.46	-0.4	0	0	0	0	0	0
1/20/2024 14:31	57304 MOAL_T2	0	0	0	0	0	0	-0.6	-0.71	0	0	0	0	0	0
1/20/2024 14:32	57304 MOAL_T2	0	0	0	0	0	0	-0.6	-0.71	0	0	0	0	0	0
1/20/2024 14:32	58401 MORO_T1	0	0	0	0	0	0	-1.76	-1.74	1	1	0	600	600	0
1/20/2024 14:32	46801 HEPB_T2	19	38	19	0.34	0.35	0.01	-0.23	-0.2	0	0	0	0	0	0
1/20/2024 14:32	40902 IESH_T1	0	0	0	0	0	0	-1.83	-1.78	2	2	0	1200	1200	0
1/20/2024 14:32	26401 INOR_T1	4	1	-3	0.48	0.4	-0.08	0.75	0.88	0	0	0	0	0	0
1/20/2024 14:33	55002 NEWP_T1	0	1	1	0	0.2	0.2	-0.12	-0.13	0	0	0	0	0	0
1/20/2024 14:33	55001 NEWP_T1	1	0	-1	0.7	0	-0.7	-0.59	-0.62	1	1	0	600	600	0
1/20/2024 14:33	43202 MVIL_T2	2	0	-2	0.2	0	-0.2	-0.59	-0.56	0	0	0	0	0	0
1/20/2024 14:34	58401 MORO_T1	0	0	0	0	0	0	-1.76	-1.74	1	1	0	600	600	0
1/20/2024 14:34	65601 QVIL_T2	1	0	-1	0.4	0	-0.4	0	0	0	0	0	0	0	0
1/20/2024 14:34	13302 ORVI_T2	0	2	2	0	0.1	0.1	1.22	1.26	0	0	0	0	0	0
1/20/2024 14:34	58402 MORO_T1	0	2	2	0	0	0	-0.18	-0.17	2	2	0	1500	1500	0
1/20/2024 14:35	55001 NEWP_T1	1	0	-1	0.7	0	-0.7	-1.18	-1.24	2	2	0	1200	1200	0
1/20/2024 14:35	42001 MNVL_T2	0	1	1	0	0	0	0.23	0.24	0	0	0	0	0	0
1/20/2024 14:36	57401 SPAN_T1	0	0	0	0	0	0	-2.21	-2.24	2	2	0	1200	1200	0
1/20/2024 14:36	14402 SSLA_T1	4	1	-3	0.65	0.5	-0.15	0	0	0	0	0	0	0	0
1/20/2024 14:36	43201 MVIL_T2	6	8	2	0.45	0.2	-0.25	-0.29	-0.28	0	0	0	0	0	0
1/20/2024 14:36	43202 MVIL_T2	2	0	-2	0.2	0	-0.2	-1.18	-1.12	0	0	0	0	0	0
1/20/2024 14:37	65001 NEFF_T2	0	0	0	0	0	0	-1.15	-1.19	1	1	0	1200	1200	0
1/20/2024 14:37	57401 SPAN_T1	0	0	0	0	0	0	-1.1	-1.12	1	1	0	600	600	0
1/20/2024 14:38	16302 ALPA_T2	0	0	0	0	0	0	-0.69	-0.7	0	0	0	0	0	0
1/20/2024 14:38	59101 WALK_T2	0	0	0	0	0	0	1.23	1.4	1	1	0	450	450	0
1/20/2024 14:38	44601 SALE_T2	0	0	0	0	0	0	-0.06	-0.07	0	0	0	0	0	0
1/20/2024 14:39	56801 BENV_T1	2	2	0	0.55	0.45	-0.1	-1.05	-1.01	2	2	0	1200	1200	0
1/20/2024 14:39	57401 SPAN_T1	0	3	3	0	0	0	-3.37	-3.32	3	3	0	1800	1800	0
1/20/2024 14:39	14401 SSLA_T1	0	3	3	0	0	0	0	0	0	0	0	0	0	0
1/20/2024 14:39	10805 CHNI_T2	15	13	-2	2.67	4.44	1.77	-0.47	-0.39	0	0	0	0	0	0
1/20/2024 14:39	59101 WALK_T2	0	0	0	0	0	0	2.8	2.49	2	2	0	900	900	0
1/20/2024 14:40	16302 ALPA_T2	0	0	0	0	0	0	-1.4	-1.39	0	0	0	0	0	0
1/20/2024 14:40	59101 WALK_T2	0	0	0	0	0	0	1.4	1.25	1	1	0	450	450	0
1/20/2024 14:40	46004 BERW_T2	4	1	-3	0.5	0	-0.5	-0.58	-0.65	0	0	0	0	0	0
1/20/2024 14:41	59101 WALK_T2	0	0	0	0	0	0	1.4	1.25	1	1	0	450	450	0
1/20/2024 14:42	26401 INOR_T1	4	1	-3	0.48	0.4	-0.08	0.88	0.81	0	0	0	0	0	0
1/20/2024 14:42	56801 BENV_T1	2	2	0	0.55	0.45	-0.1	-1.05	-1.01	2	2	0	1200	1200	0
1/20/2024 14:42	10805 CHNI_T2	15	13	-2	2.67	4.44	1.77	-0.47	-0.39	0	0	0	0	0	0
1/20/2024 14:42	16302 ALPA_T2	0	0	0	0	0	0	-0.7	-0.7	0	0	0	0	0	0
1/20/2024 14:43	53901 HALI_T2	1	0	-1	0.2	0	-0.2	-1.35	-1.37	0	0	0	0	0	0
1/20/2024 14:43	17801 GILB_T1	1	0	-1	0.1	0	-0.1	0	0	0	0	0	0	0	0
1/20/2024 14:43	10805 CHNI_T2	15	13	-2	2.67	4.44	1.77	-0.47	-0.39	0	0	0	0	0	0
1/20/2024 14:44	17803 GILB_T2	8	19	11	0.43	1.16	0.73	0	0	0	0	0	0	0	0
1/20/2024 14:44	28805 LAKE_T1	0	0	0	0	0	0	-0.13	-0.13	0	0	0	0	0	0
1/20/2024 14:44	17801 GILB_T1	1	0	-1	0.1	0	-0.1	0	0	0	0	0	0	0	0
1/20/2024 14:44	11102 EGYP_T1	8	6	-2	0.33	0	-0.33	0	0	0	0	0	0	0	0
1/20/2024 14:44	57401 SPAN_T1	0	0	0	0	0	0	-1.12	-1.11	1	1	0	600	600	0
1/20/2024 14:45	11102 EGYP_T1	6	0	-6	0.32	0	-0.32	0	0	0	0	0	0	0	0
1/20/2024 14:45	26401 INOR_T1	1	1	0	0.6	0.2	-0.4	0.88	0.81	0	0	0	0	0	0
1/20/2024 14:45	52002 LING_T2	3	1	-2	0.6	0	-0.6	0.15	0.13	0	0	0	0	0	0
1/20/2024 14:46	55002 NEWP_T1	0	2	2	0	0.4	0.4	-0.13	-0.13	0	0	0	0	0	0
1/20/2024 14:46	52002 LING_T2	3	1	-2	0.6	0	-0.6	0.15	0.13	0	0	0	0	0	0
1/20/2024 14:46	42001 MNVL_T2	1	0	-1	0.3	0	-0.3	0.24	0.35	0	0	0	0	0	0
1/20/2024 14:46	52002 LING_T2	3	1	-2	0.6	0	-0.6	0.15	0.13	0	0	0	0	0	0
1/20/2024 14:46	43202 MVIL_T2	0	0	0	0	0	0	-0.56	-0.58	0	0	0	0	0	0
1/20/2024 14:46	46801 HEPB_T2	9	42	33	0.27	0.22	-0.05	0	0	0	0	0	0	0	0
1/20/2024 14:47	28801 LAKE_T1	1	0	-1	0.3	0	-0.3	0	0	0	0	0	0	0	0
1/20/2024 14:47	46902 MNTG_T2	2	0	-2	0.1	0	-0.1	0	0	0	0	0	0	0	0
1/20/2024 14:47	57303 MOAL_T2	1	0	-1	8.3	8.3	0	0	0	0	0	0	0	0	0
1/20/2024 14:47	43202 MVIL_T2	0	0	0	0	0	0	-0.56	-0.58	0	0	0	0	0	0
1/20/2024 14:47	58402 MORO_T1	0	2	2	0	0.9	0.9	0	0	0	0	0	0	0	0
1/20/2024 14:47	55001 NEWP_T1	0	3	3	0	0	0	0	0	0	0	0	0	0	0
1/20/2024 14:47	52004 LING_T2	1	1	0	2.3	2.2	-0.1	0	0	0	0	0	0	0	0
1/20/2024 14:48	55002 NEWP_T1	0	2	2	0	0.4	0.4	-0.13	-0.13	0	0	0	0	0	0
1/20/2024 14:48	52002 LING_T2	3	1	-2	0.6	0	-0.6	0.15	0.13	0	0	0	0	0	0
1/20/2024 14:48	40901 IESH_T1	1	1	0	1.1	0.9	-0.2	0	0	0	0	0	0	0	0
1/20/2024 14:48	43201 MVIL_T2	4	8	4	0.25	0	-0.25	0	0	0	0	0	0	0	0
1/20/2024 14:48	46803 HEPB_T2	9	42	33	0.27	0.22	-0.05	0	0	0	0	0	0	0	0
1/20/2024 14:48	59302 MCAL_T1	0	0	0	0	0	0	-0.66	-0.71	1	1	0	600	600	0
1/20/2024 14:49	52004 LING_T2	1	1	0	2.3	2.2	-0.1	0	0	0	0	0	0	0	0
1/20/2024 14:49	58401 MORO_T1	0	0	0	0	0	0	-1.74	-1.73	1	1	0	600	600	0
1/20/2024 14:49	55001 NEWP_T1	0	3	3	0	0	0	0	0	0	0	0	0	0	0
1/20/2024 14:49	65804 RTWN_T1	0	0	0	0	0	0	-0.2	-0.21	1	1	0	600	600	0
1/20/2024 14:50	13302 ORVI_T2	1	2	1	0.1	0.1	0	1.26	1.24	0	0	0	0	0	0
1/20/2024 14:50	65804 RTWN_T1	0	0	0	0	0	0	-0.4	-0.42	2	2	0	1200	1200	0
1/20/2024 14:51	55001 NEWP_T1	0	3	3	0	0	0	0	0	0	0	0	0	0	0
1/20/2024 14:51	43201 MVIL_T2	4	8	4	0.25	0	-0.25	-0.28	-0.28	0	0	0	0	0	0
1/20/2024 14:53	60803 BUCK_T1	0	0	0	0	0	0	-1.09	-1.08	1	1	0	600	600	0
1/20/2024 14:53	44601 SALE_T2	0	0	0	0	0	0	-0.07	-0.05	0	0	0	0	0	0
1/20/2024 14:54	60803 BUCK_T1	0	0	0	0	0	0	-1.08	-1.08	1	1	0	600	600	0
1/20/2024 14:57	60803 BUCK_T1	0	0	0	0	0	0	-1.08	-1.08	1	1	0	600	600	0
1/20/2024 14:58	65001 NEFF_T2	0	0	0	0	0	0	-1.13	-1.14	1	1	0	1200	1200	0
1/20/2024 14:58	61801 EELI_T2	0	0	0	0	0	0	-1.48	-1.6	2	2	0	1200	1200	0
1/20/2024 14:59	26401 INOR_T1	1	1	0	0.6	0.2	-0.4	0.81	0.82	0	0	0	0	0	0
1/20/2024 15:00	67503 WEWI_T2	1	0	-1	5.5	0	-5.5	-0.79	-0.82	0	0	0	0	0	0
1/20/2024 15:02	57303 MOAL_T2	1	1	0	8.3	8.3	0	0	0	0	0	0	0	0	0
1/20/2024 15:03	67503 WEWI_T2	1	0	-1	5.5	0	-5.5	-0.79	-0.82	0	0	0	0	0	0
1/20/2024 15:03	47001 HUGH_T2	0	0	0	0	0	0	-1.4	-1.34	1	1	0	900	900	0
1/20/2024 15:03	57304 MOAL_T2	0	1	1	0	0.1	0.1	-0.76	-0.53	0	0	0	0	0	0
1/20/2024 15:05	47001 HUGH_T2	0	0	0	0	0	0	-1.4	-1.34	1	1	0	900	900	0
1/20/2024 15:05	55001 NEWP_T1	0	3	3	0	0	0	0	0	0	0	0	0	0	0
1/20/2024 15:05	65804 RTWN_T1	0	0	0	0	0	0	-0.21	-0.21	1	1	0	600	600	0
1/20/2024 15:06	65804 RTWN_T1	0	0	0	0	0	0	-0.21	-0.21	1	1	0	600	600	0
1/20/2024 15:07	65804 RTWN_T1	0	0	0	0	0	0	-0.21	-0.21	1	1	0	600	600	0
1/20/2024 15:12	42001 MNVL_T2	0	0	0	0	0	0	0.28	0.3	0	0	0	0	0	0
1/20/2024 15:15	51401 LYKE_T1	0	0	0	0	0	0	0.33	0.32	0	0	0	0	0	0
1/20/2024 15:23	42701 AUGU_T1	5	16	11	0.42	0.27	-0.15	0	0	1	1	0	600	600	0
1/20/2024 15:26	60101 COCA_T1	0	0	0	0	0	0	0.7	0.66	0	0	0	0	0	0
1/20/2024 15:27	42701 AUGU_T1	5	16	11	0.42	0.27	-0.15	0	0	1	1	0	600	600	0
1/20/2024 15:27	54502 ENOL_T2	0	0	0	0	0	0	-1.12	-1.04	1	1	0	600	600	0
1/20/2024 15:27	60101 COCA_T1	0	0	0	0	0	0	0.7	0.66	0	0	0	0	0	0
1/20/2024 15:30	65001 NEFF_T2	0	0	0	0	0	0	-1.14	-1.07	1	1	0	1200	1200	0
1/20/2024 15:31	42902 MIDD_T2	3	0	-3	0.13	0	-0.13	0	0	0	0	0	0	0	0
1/20/2024 15:33	46903 MNTG_T2	0	0	0	0	0	0	-0.11	-0.2	1	1	0	600	600	0
1/20/2024 15:34	65001 NEFF_T2	0	0	0	0	0	0	-1.14	-1.07	1	1	0	1200	1200	0
1/20/2024 15:36	55001 NEWP_T1	0	1	1	0	0.2	0.2	0	0	0	0	0	0	0	0
1/20/2024 15:39	14402 SSLA_T1	1	11	10	1.2	1.45	0.25	0	0	0	0	0	0	0	0
1/20/2024 15:41	46204 DANV_T2	84	113	29	0.41	0.63	0.22	0	0	0	0	0	0	0	0
1/20/2024 15:42	46206 DANV_T2	10	18	8	0.74	0.73	-0.01	0	0	0	0	0	0	0	0
1/20/2024 15:42	56801 BENV_T1	3	6	3	0.83	0.38	-0.45	0	0	0	0	0	0	0	0
1/20/2024 15:44	61101 BERK_T5	0	0	0	0	0	0	-1.68	-1.65	0	0	0	0	0	0
1/20/2024 15:45	46206 DANV_T2	14	15	1	0.97	1.4	0.43	0	0	0	0	0	0	0	0
1/20/2024 15:46	63403 HONY_T2	0	0	0	0	0	0	0.07	-0.39	0	0	0	0	0	0
1/20/2024 15:51	67402 WAKE_T2	0	2	2	0	0	0	-0.23	-0.25	1	1	0	600	600	0
1/20/2024 15:52	59101 WALK_T2	0	0	0	0	0	0	1.3	1.24	1	1	0	450	450	0
1/20/2024 15:54	61101 BERK_T5	0	0	0	0	0	0	-1.65	-1.66	0	0	0	0	0	0
1/20/2024 15:55	46206 DANV_T2	14	15	1	0.97	1.4	0.43	0	0	0	0	0	0	0	0
1/20/2024 15:55	14403 SSLA_T1	7	7	0	0.63	0.52	-0.11	0.45	0.43	1	1	0	600	600	0
1/20/2024 15:57	57401 SPAN_T1	0	0	0	0	0	0	-1.09	-1.03	1	1	0	600	600	0
1/20/2024 15:57	46206 DANV_T2	14	15	1	0.97	1.4	0.43	0	0	0	0	0	0	0	0
1/20/2024 15:57	67402 WAKE_T2	0	2	2	0	0	0	-0.25	-0.17	1	1	0	600	600	0
1/20/2024 16:08	57403 SPAN_T1	0	2	2	0	0	0	0	0	0	0	0	0	0	0
1/20/2024 16:09	58402 MORO_T1	1	0	-1	1.7	0	-1.7	-0.62	-0.57	3	3	0	1950	1950	0
1/20/2024 16:13	26402 INOR_T1	0	0	0	0	0	0	-1.33	-1.31	0	0	0	0	0	0
1/20/2024 16:18	64101 REFR_T1	0	0	0	0	0	0	0.14	0.14	0	0	0	0	0	0
1/20/2024 16:19	55002 NEWP_T1	0	0	0	0	0	0	-0.11	-0.1	0	0	0	0	0	0
1/20/2024 16:19	64101 REFR_T1	0	0	0	0	0	0	0.14	0.14	0	0	0	0	0	0
1/20/2024 16:19	55002 NEWP_T1	0	0	0	0	0	0	-0.11	-0.1	0	0	0	0	0	0
1/20/2024 16:21	64101 REFR_T1	0	0	0	0	0	0	0.43	0.43	0	0	0	0	0	0
1/20/2024 16:22	64101 REFR_T1	0	0	0	0	0	0	0.29	0.29	0	0	0	0	0	0
1/20/2024 16:23	64101 REFR_T1	0	0	0	0	0	0	0.14	0.14	0	0	0	0	0	0
1/20/2024 16:26	42001 MNVL_T2	1	1	0	0	0	0	0.29	0.26	0	0	0	0	0	0
1/20/2024 16:27	65001 NEFF_T2	0	0	0	0	0	0	-1.19	-1.11	1	1	0	1200	1200	0
1/20/2024 16:27	17802 GILB_T1	18	56	38	0.58	0.42	-0.16	0.35	0.4	0	0	0	0	0	0
1/20/2024 16:28	63403 HONY_T2	0	0	0	0	0	0	-0.3	-0.99	0	1	1	0	600	600
1/20/2024 16:33	45501 DERR_T2	3	3	0	0.13	0.4	0.27	-0.64	-0.63	2	2	0	1800	1800	0
1/20/2024 16:33	47401 PENS_T1	0	0	0	0	0	0	1.65	1.6	0	0	0	0	0	0
1/20/2024 16:33	44701 MUNC_T2	41	39	-2	0.55	0.69	0.14	-2.5	-2.47	0	0	0	0	0	0
1/20/2024 16:35	26401 INOR_T1	3	7	4	0.48	0.17	-0.31	0.8	0.79	0	0	0	0	0	0
1/20/2024 16:35	47403 PENS_T1	0	1	1	0	2.2	2.2	0	0	0	0	0	0	0	0
1/20/2024 16:35	16202 POFA_T1	9	15	6	1.18	1.06	-0.12	0	0	0	0	0	0	0	0
1/20/2024 16:36	47401 PENS_T1	0	0	0	0	0	0	2.47	2.4	0	0	0	0	0	0
1/20/2024 16:37	13704 SCHN_T2	0	0	0	0	0	0	-0.6	-0.6	0	0	0	0	0	0
1/20/2024 16:38	60803 BUCK_T1	0	1	1	0	0	0	-1.06	-1.04	1	1	0	600	600	0
1/20/2024 16:38	13704 SCHN_T2	0	0	0	0	0	0	-0.6	-0.6	0	0	0	0	0	0
1/20/2024 16:40	17803 GILB_T2	12	28	16	0.67	0.88	0.21	0	0	0	0	0	0	0	0
1/20/2024 16:44	51604 DUKE_T2	0	0	0	0	0	0	-2.73	-2.72	1	1	0	900	900	0
1/20/2024 16:46	56501 ROCK_T2	3	3	0	0.37	0	-0.37	-2.03	-2	0	0	0	0	0	0
1/20/2024 16:53	46301 ROHR_T1	4	8	4	1.45	0.96	-0.49	0	0	0	0	0	0	0	0
1/20/2024 16:53	44901 SCOT_T2	0	0	0	0	0	0	-1.28	-1.3	0	0	0	0	0	0
1/20/2024 16:55	61306 EARL_T1	12	0	-12	0.33	0	-0.33	0	0	0	0	0	0	0	0
1/20/2024 16:55	61302 EARL_T1	0	0	0	0	0	0	0.22	-0.24	2	2	0	1800	1800	0
1/20/2024 17:00	49804 UNIV_T1	2	5	3	0.75	1.03	0.28	0	0	0	0	0	0	0	0
1/20/2024 17:04	57304 MOAL_T2	0	0	0	0	0	0	-0.88	-0.93	0	0	0	0	0	0
1/20/2024 17:05	28701 HAML_T2	0	1	1	0	0.2	0.2	0	0	0	0	0	0	0	0
1/20/2024 17:06	16202 POFA_T1	12	14	2	1.07	1.14	0.07	0	0	0	0	0	0	0	0
1/20/2024 17:10	49804 UNIV_T1	2	5	3	0.75	1.03	0.28	0	0	0	0	0	0	0	0
1/20/2024 17:12	66503 SMAN_T2	6	0	-6	0.13	0	-0.13	0	0	0	0	0	0	0	0
1/20/2024 17:12	56504 ROCK_T2	10	14	4	0.82	0.79	-0.03	0	0	0	0	0	0	0	0
1/20/2024 17:16	43108 SMIL_T2	1	3	2	1.4	0.75	-0.65	0.18	0.16	0	0	0	0	0	0
1/20/2024 17:16	51401 LYKE_T1	0	1	1	0	0.1	0.1	0.28	0.3	0	0	0	0	0	0
1/20/2024 17:16	46901 MNTG_T2	0	0	0	0	0	0	0.82	0.59	0	0	0	0	0	0
1/20/2024 17:17	46903 MNTG_T2	0	0	0	0	0	0	-0.13	-0.11	1	1	0	600	600	0
1/20/2024 17:20	64801 MONE_T2	0	0	0	0	0	0	-0.24	-0.22	0	0	0	0	0	0
1/20/2024 17:20	65001 NEFF_T2	0	0	0	0	0	0	-1.12	-1.06	1	1	0	1200	1200	0
1/20/2024 17:22	43103 SMIL_T2	1	0	-1	1.6	0	-1.6	0	0	0	0	0	0	0	0
1/20/2024 17:22	14404 SSLA_T1	1	1	0	0.7	0	-0.7	0	0	0	0	0	0	0	0
1/20/2024 17:23	16401 MOPO_T1	0	1	1	0	0	0	0	0	0	0	0	0	0	0
1/20/2024 17:23	46801 HEPB_T2	0	0	0	0	0	0	-0.2	-0.19	0	0	0	0	0	0
1/20/2024 17:23	47402 PENS_T1	2	0	-2	0.3	0	-0.3	0	0	0	0	0	0	0	0
1/20/2024 17:24	44903 SCOT_T1	6	7	1	0.78	0.48	-0.3	0	0	0	0	0	0	0	0
1/20/2024 17:25	59302 MCAL_T1	0	0	0	0	0	0	-1.25	-1.26	1	1	0	600	600	0
1/20/2024 17:26	53501 EVIL_T2	0	0	0	0	0	0	-1.05	-1.04	1	1	0	600	600	0
1/20/2024 17:27	56803 BENV_T1	0	1	1	0	0	0	-0.26	-0.29	1	1	0	600	600	0
1/20/2024 17:29	42701 AUGU_T1	54	58	4	0.69	0.7	0.01	0	0	1	1	0	600	600	0
1/20/2024 17:29	62606 ENGI_T1	3	4	1	1.57	0	-1.57	0	0	0	0	0	0	0	0
1/20/2024 17:31	56801 BENV_T1	12	17	5	0.33	0.79	0.46	-0.87	-0.91	2	2	0	1200	1200	0
1/20/2024 17:31	42902 MIDD_T2	52	53	1	1.05	1.48

Appendix C - Grid Benefits Achieved in Each Instance of Active Management

1/20/2024 18:00	56801 BENV_T1	16	19	3	0.76	0.86	0.1	-0.92	-0.93	2	2	0	1200	1200	0
1/20/2024 18:00	43202 MVIL_T2	2	3	1	0.5	0	-0.5	0	0	0	0	0	0	0	0
1/20/2024 18:01	46902 MNTG_T2	0	15	15	0	0.17	0.17	0	0	0	0	0	0	0	0
1/20/2024 18:01	56803 BENV_T1	0	3	3	0	0	0	-0.32	-0.29	1	1	0	600	600	0
1/20/2024 18:02	44701 MUNC_T2	77	75	-2	0.84	0.63	-0.21	-1.2	-1.24	0	0	0	0	0	0
1/20/2024 18:02	56501 ROCK_T2	7	15	8	0.4	0.12	-0.28	-1.97	-1.97	0	0	0	0	0	0
1/20/2024 18:02	10805 CHHI_T2	10	10	0	2.95	4.29	1.34	-0.39	-0.4	0	0	0	0	0	0
1/20/2024 18:03	56803 BENV_T1	0	3	3	0	0	0	0	0	0	0	0	0	0	0
1/20/2024 18:03	56504 ROCK_T2	14	5	-9	0.6	1	0.4	0	0	0	0	0	0	0	0
1/20/2024 18:04	16402 MOPO_T1	145	155	10	0.69	0.67	-0.02	0.27	-0.46	0	0	0	0	0	0
1/20/2024 18:04	11104 EGYP_T1	8	13	5	0.23	0.2	-0.03	-0.15	-0.14	1	1	0	900	900	0
1/20/2024 18:05	52002 LING_T2	0	1	1	0	0	0	-0.63	-0.65	1	1	0	900	900	0
1/20/2024 18:05	56803 BENV_T1	0	3	3	0	0	0	0	0	0	0	0	0	0	0
1/20/2024 18:05	46801 HEPB_T2	0	0	0	0	0	0	-0.17	-0.15	0	0	0	0	0	0
1/20/2024 18:06	44903 SCOT_T1	4	2	-2	0.45	0.3	-0.15	-0.01	-0.01	0	0	0	0	0	0
1/20/2024 18:07	65001 NEFF_T2	0	0	0	0	0	0	-1.12	-1.04	1	1	0	1200	1200	0
1/20/2024 18:07	66505 SMAN_T2	0	0	0	0	0	0	-0.34	-0.37	1	1	0	900	900	0
1/20/2024 18:08	59101 WALK_T2	0	0	0	0	0	0	0.79	0.84	1	1	0	450	450	0
1/20/2024 18:08	56803 BENV_T1	0	3	3	0	0	0	0	0	0	0	0	0	0	0
1/20/2024 18:08	15604 NSTR_T1	140	137	-3	1.2	0.87	-0.33	-0.15	-0.16	0	0	0	0	0	0
1/20/2024 18:09	61306 EARL_T1	11	16	5	0.36	0.3	-0.06	0	0	0	0	0	0	0	0
1/20/2024 18:09	43101 SMIL_T2	1	2	1	4.3	3.5	-0.8	0	0	0	0	0	0	0	0
1/20/2024 18:09	28801 LAKE_T1	0	2	2	0	0	0	0	0	0	0	0	0	0	0
1/20/2024 18:11	17804 GILB_T2	2	1	-1	0.2	0	-0.2	0	0	0	0	0	0	0	0
1/20/2024 18:13	43101 SMIL_T2	1	2	1	4.3	3.5	-0.8	0	0	0	0	0	0	0	0
1/20/2024 18:13	51604 DUKE_T2	0	0	0	0	0	0	-2.71	-2.75	1	1	0	900	900	0
1/20/2024 18:14	57403 SPAN_T1	0	3	3	0	0	0	0	0	0	0	0	0	0	0
1/20/2024 18:14	56801 BENV_T1	16	19	3	0.76	0.86	0.1	-0.93	-0.94	2	2	0	1200	1200	0
1/20/2024 18:14	46602 LACR_T1	0	0	0	0	0	0	-1.03	-1.03	0	0	0	0	0	0
1/20/2024 18:14	63403 HONY_T2	0	0	0	0	0	0	-0.33	-0.28	0	0	0	0	0	0
1/20/2024 18:15	11805 FRAN_T1	1	1	0	0.7	0.9	0.2	0	0	0	0	0	0	0	0
1/20/2024 18:15	43001 ALWD_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1/20/2024 18:15	51603 DUKE_T1	0	0	0	0	0	0	-0.84	-0.86	0	0	0	0	0	0
1/20/2024 18:15	17804 GILB_T2	1	1	0	0.1	0	-0.1	-0.35	-0.36	0	0	0	0	0	0
1/20/2024 18:15	42701 AUGU_T1	53	51	-2	0.72	0.57	-0.15	0	0	1	1	0	600	600	0
1/20/2024 18:16	61101 BERK_T5	0	0	0	0	0	0	-1.58	-1.63	0	0	0	0	0	0
1/20/2024 18:16	13704 SCHN_T2	0	0	0	0	0	0	-0.56	-0.57	0	0	0	0	0	0
1/20/2024 18:17	15604 NSTR_T1	136	136	0	0.98	0.79	-0.19	-0.16	-0.15	0	0	0	0	0	0
1/20/2024 18:18	15604 NSTR_T1	136	136	0	0.98	0.79	-0.19	-0.16	-0.15	0	0	0	0	0	0
1/20/2024 18:18	51905 COPA_T1	34	42	8	0.15	0.12	-0.03	-1.56	-1.54	0	0	0	0	0	0
1/20/2024 18:18	44601 SALE_T2	0	0	0	0	0	0	0	0.01	0	0	0	0	0	0
1/20/2024 18:19	52102 MEIS_T1	0	5	5	0	0.1	0.1	0	0	1	1	0	450	450	0
1/20/2024 18:19	67602 WARW_T2	1	1	0	0.4	0	-0.4	0.61	0.43	0	0	0	0	0	0
1/20/2024 18:19	42902 MIDD_T2	53	41	-12	1.52	0.57	-0.95	0	0	0	0	0	0	0	0
1/20/2024 18:20	43104 SMIL_T2	0	1	1	0	0	0	-0.6	-0.59	1	1	0	300	300	0
1/20/2024 18:20	54206 PENN_T2	0	0	0	0	0	0	-0.62	-0.65	0	0	0	0	0	0
1/20/2024 18:20	67602 WARW_T2	1	1	0	0.4	0	-0.4	0.61	0.43	0	0	0	0	0	0
1/20/2024 18:20	58402 MORO_T1	5	7	2	1.74	0.6	-1.14	-0.34	-0.28	3	3	0	1950	1950	0
1/20/2024 18:21	54206 PENN_T2	0	0	0	0	0	0	-0.62	-0.65	0	0	0	0	0	0
1/20/2024 18:21	57401 SPAN_T1	0	0	0	0	0	0	-0.98	-0.98	1	1	0	600	600	0
1/20/2024 18:21	47401 PENS_T1	0	0	0	0	0	0	0.91	0.88	0	0	0	0	0	0
1/20/2024 18:22	46204 DANV_T2	122	124	2	1.25	1.03	-0.22	0	0	0	0	0	0	0	0
1/20/2024 18:22	52102 MEIS_T1	0	5	5	0	0.1	0.1	0	0	2	2	0	900	900	0
1/20/2024 18:22	67602 WARW_T2	1	1	0	0.4	0	-0.4	0.61	0.43	0	0	0	0	0	0
1/20/2024 18:23	43103 SMIL_T2	1	0	-1	0.4	0	-0.4	0	0	0	0	0	0	0	0
1/20/2024 18:23	47401 PENS_T1	0	0	0	0	0	0	0.91	0.88	0	0	0	0	0	0
1/20/2024 18:24	46301 ROHR_T1	8	10	2	1.26	0.84	-0.42	0	0	0	0	0	0	0	0
1/20/2024 18:24	42701 AUGU_T1	53	51	-2	0.72	0.57	-0.15	0	0	1	1	0	600	600	0
1/20/2024 18:25	46203 DANV_T2	7	9	2	0.76	0.64	-0.12	-2.59	-1.66	0	0	0	0	0	0
1/20/2024 18:25	43104 SMIL_T2	0	1	1	0	0	0	0	0	0	0	0	0	0	0
1/20/2024 18:25	17802 GILB_T1	35	33	-2	0.57	0.59	0.02	0.42	0.47	0	0	0	0	0	0
1/20/2024 18:27	46204 DANV_T2	122	124	2	1.25	1.03	-0.22	0	0	0	0	0	0	0	0
1/20/2024 18:27	60803 BUCK_T1	1	1	0	0.1	0.1	0	-1.07	-1.05	1	1	0	600	600	0
1/20/2024 18:28	66505 SMAN_T2	0	0	0	0	0	0	-0.31	-0.42	1	1	0	900	900	0
1/20/2024 18:29	27101 GFLD_T2	1	12	11	0.1	0.38	0.28	-0.17	-0.17	1	1	0	600	600	0
1/20/2024 18:29	60101 COCA_T1	0	0	0	0	0	0	0.01	0.05	1	1	0	600	600	0
1/20/2024 18:30	46203 DANV_T2	7	4	-3	0.64	0.95	0.31	-2.59	-1.66	0	0	0	0	0	0
1/20/2024 18:31	66504 SMAN_T2	0	0	0	0	0	0	-2.03	-1.87	2	2	0	2400	2400	0
1/20/2024 18:31	55001 NEWP_T1	1	6	5	0.5	0.5	0	-0.49	-0.53	1	1	0	600	600	0
1/20/2024 18:32	53903 HALI_T2	2	2	0	0.5	0.55	0.05	0	0	0	0	0	0	0	0
1/20/2024 18:32	45303 WBER_T2	0	1	1	0	0.3	0.3	0	0	0	0	0	0	0	0
1/20/2024 18:33	65001 NEFF_T2	0	0	0	0	0	0	-1.04	-1.11	1	1	0	1200	1200	0
1/20/2024 18:34	42701 AUGU_T1	51	39	-12	0.64	0.42	-0.22	0	0	1	1	0	600	600	0
1/20/2024 18:35	64203 KINZ_T1	7	8	1	1.07	0.84	-0.23	0	0	0	0	0	0	0	0
1/20/2024 18:35	51002 NHAR_T1	1	1	0	1.4	1.3	-0.1	0	0	0	0	0	0	0	0
1/20/2024 18:36	42903 MIDD_T2	2	2	0	0.45	0.6	0.15	0	0	0	0	0	0	0	0
1/20/2024 18:36	16202 POFA_T1	6	8	2	1.32	1.06	-0.26	0	0	0	0	0	0	0	0
1/20/2024 18:36	61101 BERK_T5	0	0	0	0	0	0	-1.63	-1.59	0	0	0	0	0	0
1/20/2024 18:37	53903 HALI_T2	2	2	0	0.5	0.55	0.05	0	0	0	0	0	0	0	0
1/20/2024 18:38	42903 MIDD_T2	2	2	0	0.45	0.6	0.15	0	0	0	0	0	0	0	0
1/20/2024 18:38	56803 BENV_T1	0	3	3	0	0	0	0	0	0	0	0	0	0	0
1/20/2024 18:39	56803 BENV_T1	0	3	3	0	0	0	0	0	0	0	0	0	0	0
1/20/2024 18:41	52102 MEIS_T1	4	3	-1	0.15	0.27	0.12	0	0	1	1	0	450	450	0
1/20/2024 18:42	56504 ROCK_T2	1	3	2	1	0.7	-0.3	0	0	0	0	0	0	0	0
1/20/2024 18:43	64101 REFR_T1	0	0	0	0	0	0	0.19	0.17	0	0	0	0	0	0
1/20/2024 18:44	13704 SCHN_T2	0	0	0	0	0	0	-0.57	-0.55	0	0	0	0	0	0
1/20/2024 18:44	66703 STRA_T1	14	22	8	0.6	0.6	0	-1.06	-1.06	0	0	0	0	0	0
1/20/2024 18:45	11101 EGYP_T1	0	0	0	0	0	0	-0.5	-0.47	1	1	0	1200	1200	0
1/20/2024 18:45	56501 ROCK_T2	6	9	3	0.22	0.47	0.25	-2.07	-1.99	0	0	0	0	0	0
1/20/2024 18:46	55001 NEWP_T1	1	8	7	1.1	0.25	-0.85	-0.53	-0.57	1	1	0	600	600	0
1/20/2024 18:47	46206 DANV_T2	22	34	12	0.83	0.73	-0.1	2.76	2.8	1	1	0	1200	1200	0
1/20/2024 18:48	43202 MVIL_T2	1	2	1	0.2	0	-0.2	-0.56	-0.55	0	0	0	0	0	0
1/20/2024 18:48	17802 GILB_T1	15	14	-1	0.61	0.33	-0.28	0.47	0.48	0	0	0	0	0	0
1/20/2024 18:49	52002 LING_T2	0	0	0	0	0	0	-0.66	-0.68	1	1	0	900	900	0
1/20/2024 18:49	65001 NEFF_T2	0	0	0	0	0	0	-1.11	-1.04	1	1	0	1200	1200	0
1/20/2024 18:49	46801 HEPB_T2	0	2	2	0	0.2	0.2	-0.22	-0.17	0	0	0	0	0	0
1/20/2024 18:50	46204 DANV_T2	119	120	1	1.05	0.59	-0.46	0	0	0	0	0	0	0	0
1/20/2024 18:50	11104 EGYP_T1	4	1	-3	0.43	0	-0.43	-0.16	-0.17	1	1	0	900	900	0
1/20/2024 18:51	51603 DUKE_T1	0	0	0	0	0	0	-0.85	-0.89	0	0	0	0	0	0
1/20/2024 18:51	26402 INOR_T1	0	1	1	0	0	0	0	0	0	0	0	0	0	0
1/20/2024 18:52	53903 HALI_T2	2	2	0	0.55	0.2	-0.35	0	0	0	0	0	0	0	0
1/20/2024 18:52	55002 NEWP_T1	2	0	-2	0.15	0	-0.15	0	0	0	0	0	0	0	0
1/20/2024 18:52	56803 BENV_T1	0	3	3	0	1.27	1.27	0	0	0	0	0	0	0	0
1/20/2024 18:53	44703 MUNC_T2	0	3	3	0	0.3	0.3	0	0	0	0	0	0	0	0
1/20/2024 18:53	62606 ENGL_T1	4	5	1	1.23	0.33	-0.9	0	0	0	0	0	0	0	0
1/20/2024 18:54	62606 ENGL_T1	4	5	1	1.23	0.33	-0.9	0	0	0	0	0	0	0	0
1/20/2024 18:54	65804 RTWN_T1	0	0	0	0	0	0	-0.17	-0.19	1	1	0	600	600	0
1/20/2024 18:56	65901 SAKR_T2	1	1	0	8	8.2	0.2	-1.66	-1.67	2	2	0	1500	1500	0
1/20/2024 18:56	67901 WNHO_T2	14	13	-1	0.2	0.21	0.01	-0.54	-0.57	0	0	0	0	0	0
1/20/2024 18:56	23902 EFMO_T2	0	2	2	0	0.4	0.4	0	0	0	0	0	0	0	0
1/20/2024 18:57	43104 SMIL_T2	0	1	1	0	0	0	0	0	0	0	0	0	0	0
1/20/2024 18:57	47403 PENS_T1	0	2	2	0	0	0	0	0	0	0	0	0	0	0
1/20/2024 18:57	28701 HAML_T2	10	3	-7	0.67	0	-0.67	0	0	0	0	0	0	0	0
1/20/2024 18:57	46902 MNTG_T2	16	0	-16	0.19	0	-0.19	0	0	0	0	0	0	0	0
1/20/2024 18:57	53502 EVIL_T2	3	0	-3	0.1	0	-0.1	0	0	0	0	0	0	0	0
1/20/2024 18:57	65804 RTWN_T1	0	0	0	0	0	0	-0.17	-0.19	1	1	0	600	600	0
1/20/2024 18:58	44905 SCOT_T1	172	150	-22	1.91	2.24	0.33	0	0	0	0	0	0	0	0
1/20/2024 18:58	45302 WBER_T2	6	3	-3	0.38	0.4	0.02	0.8	0.81	0	0	0	0	0	0
1/20/2024 18:58	63401 HONY_T1	0	0	0	0	0	0	0.13	0.17	0	0	0	0	0	0
1/20/2024 18:58	46204 DANV_T2	119	120	1	1.05	0.59	-0.46	0	0	0	0	0	0	0	0
1/20/2024 18:58	42701 AUGU_T1	38	31	-7	0.6	0.37	-0.23	0	0	1	1	0	600	600	0
1/20/2024 19:00	44903 SCOT_T1	2	13	11	0.5	0.65	0.15	-0.01	-0.01	0	0	0	0	0	0
1/20/2024 19:00	52102 MEIS_T1	3	1	-2	0.5	0.4	-0.1	0	0	1	1	0	450	450	0
1/20/2024 19:00	17802 GILB_T1	13	12	-1	0.43	0.36	-0.07	0.97	0.8	0	0	0	0	0	0
1/20/2024 19:00	53501 EVIL_T2	2	2	0	0.25	0.55	0.3	-1.07	-1.07	1	1	0	600	600	0
1/20/2024 19:01	46203 DANV_T2	4	6	2	0.55	0.2	-0.35	-1.62	-1.64	0	0	0	0	0	0
1/20/2024 19:01	10805 CHHI_T2	7	7	0	2.89	1.96	-0.93	-0.97	0	1	1	0	600	600	0
1/20/2024 19:01	46206 DANV_T2	29	34	5	0.86	0.72	-0.14	2.8	2.75	1	1	0	1200	1200	0
1/20/2024 19:01	52004 LING_T2	3	2	-1	1.57	1	-0.57	0	0	0	0	0	0	0	0
1/20/2024 19:01	66703 STRA_T1	21	24	3	0.67	0.54	-0.13	-1.06	-1.07	0	0	0	0	0	0
1/20/2024 19:02	45501 DERR_T2	2	4	2	0.2	0.25	0.05	-1.49	-1.38	6	6	0	5400	5400	0
1/20/2024 19:02	11104 EGYP_T1	0	1	1	0	0.2	0.2	-0.17	-0.22	1	1	0	900	900	0
1/20/2024 19:03	53903 HALI_T2	2	2	0	0.2	0.1	-0.1	0	0	0	0	0	0	0	0
1/20/2024 19:03	42903 MIDD_T2	2	2	0	0.6	0.8	0.2	0	0	0	0	0	0	0	0
1/20/2024 19:03	43201 MVIL_T2	15	27	12	0.41	0.63	0.22	0	0	0	0	0	0	0	0
1/20/2024 19:03	46901 MNTG_T2	0	1	1	0	0	0	0.34	0.52	0	0	0	0	0	0
1/20/2024 19:04	47402 PENS_T1	1	0	-1	0.1	0	-0.1	0	0	0	0	0	0	0	0
1/20/2024 19:04	46901 MNTG_T2	0	1	1	0	0	0	0	0	0	0	0	0	0	0
1/20/2024 19:04	14403 SSLA_T1	5	7	2	0.34	0.36	0.02	0.61	0.54	1	1	0	600	600	0
1/20/2024 19:04	44903 SCOT_T1	2	13	11	0.5	0.65	0.15	-0.01	-0.01	0	0	0	0	0	0
1/20/2024 19:04	55001 NEWP_T1	6	9	3	0.28	0.3	0.02	0	0	0	0	0	0	0	0
1/20/2024 19:04	57401 SPAN_T1	0	0	0	0	0	0	-0.97	-0.99	1	1	0	600	600	0
1/20/2024 19:04	15604 NSTR_T1	125	147	22	0.83	1.18	0.35	-0.1	-0.14	0	0	0	0	0	0
1/20/2024 19:04	64101 REFR_T1	0	0	0	0	0	0	0.35	0.33	0	0	0	0	0	0
1/20/2024 19:05	57303 MOAL_T2	1	1	0	7.4	7.8	0.4	0	0	0	0	0	0	0	0
1/20/2024 19:05	40902 JESH_T1	0	0	0	0	0	0	-1.71	-1.79	2	2	0	1200	1200	0
1/20/2024 19:05	43202 MVIL_T2	0	3	3	0	0.45	0.45	-0.55	-0.54	0	0	0	0	0	0
1/20/2024 19:05	67503 WEWI_T2	1	0	-1	0.2	0	-0.2	-0.69	-0.73	0	0	0	0	0	0
1/20/2024 19:06	60803 BUCK_T1	0	0	0	0	0	0	-1.05	-1.07	1	1	0	600	600	0
1/20/2024 19:06	59101 WALK_T2	0	0	0	0	0	0	1	0.76	2	2	0	1050	1050	0
1/20/2024 19:06	17804 GILB_T2	0	2	2	0	0	0	0	0	0	0	0	0	0	0
1/20/2024 19:06	66703 STRA_T1	21	24	3	0.67	0.54	-0.13	-1.06	-1.07	0	0	0	0	0	0
1/20/2024 19:06	56501 ROCK_T2	6	5	-1	0.32	0.7	0.38	-1.99	-1.98	0	0	0	0	0	0
1/20/2024 19:06	54206 PENN_T2	0	0	0	0	0	0	-0.67	-0.64	0	0	0	0	0	0
1/20/2024 19:07	43108 SMIL_T2	1	1	0	0.8	0.7	-0.1	0.13	0.16	0	0	0	0	0	0
1/20/2024 19:07	10801 CHHI_T1	5	4	-1	0.62	0.35	-0.27	-1.14	0	2	2	0	1500	1500	0
1/20/2024 19:07	59101 WALK_T2	0	0	0	0	0	0	1	0.76	2	2	0	1050	1050	0
1/20/2024 19:07	60101 COCA_T1	0	0	0	0	0	0	0	0	1	1	0	600	600	0
1/20/2024 19:08	46903 MNTG_T2	0	0	0	0	0	0	-0.13	-0.11	1	1	0	600	600	0
1/20/2024 19:08	56803 BENV_T1	3	3	0	1.27	1.33	0.06	0	0	0	0	0	0	0	0
1/20/2024 19:08	44903 SCOT_T1	2	13	11	0.5	0.65	0.15	-0.02	-0.02	0	0	0	0	0	0
1/20/2024 19:08	47402 PENS_T1	1	0	-1	0.1	0	-0.1	0	0	0	0	0	0	0	0
1/20/2024 19:08	42903 MIDD_T2	2	2	0	0.6	0.8	0.2	0	0	0	0	0	0	0	0
1/20/2024 19:08	49804 UNIV_T1	1	6	5	0.8	0.9	0.1	0	0	0	0	0	0	0	0
1/20/2024 19:08	55002 NEWP_T1	0	0	0	0	0	0	-0.09	-0.08	0	0	0	0	0	0
1/20/2024 19:08	65804 RTWN_T1	0	0	0	0	0	0	-0.17	-0.19	1	1	0	600	600	0
1/20/2024 19:08	55002 NEWP_T1	0	0	0	0	0	0	-0.09	-0.08	0	0	0	0	0	0
1/20/2024 19:09	53902 HALI_T2	0	2	2	0	0.1	0.1	0	0	0	0	0	0	0	0
1/20/2024 19:09	42903 MIDD_T2	2	2	0	0.6	0.8	0.2	0	0	0	0	0	0	0	0
1/20/2024 19:09	46206 DANV_T2	29	34	5	0.86	0.72	-0.14	0	0	0	0	0	0	0	0
1/20/2024 19:09	60201 ATGL_T2	0	0	0	0	0	0	-0.4	-0.48	2	2	0	900	900	0
1/20/2024 19:09	65901 SAKR_T2	1	1	0	8	8.2	0.2	-1.67	-1.48	2	2	0	1500	1500	0
1/20/2024 19:09	51107 CARL_T1	0	0	0	0	0	0	-0.39	-0.39	0	0	0	0	0	0
1/20/2024 19:10	58401 MORO_T1	1	1	0	0.7	0.2	-0.5	-2.34	-2.34	2	2	0	1200	1200	0
1/20/2024 19:10	46903 MNTG_T2	0	0	0	0	0	0	-0.11	-0.13	1	1	0	600	600	0
1/20/2024 19:10	65001 NEFF_T2	0	0	0	0	0	0	-1.23	-1.21	1	1	0	1200	1200	0
1/20/2024 19:11	44302 BEAV_T2	2	3	1	0.15	0.13	-0.02	0	0	0	0	0	0	0	0
1/20/2024 19:11	43103 SMIL_T2	0	0	0	0	0	0	-0.74	-0.75	0

1/21/2024 2:59	49803 UNIV_T1	0	0	0	0	0	0	-1.08	-1.08	0	0	0	0	0	0
1/21/2024 3:09	65001 NEFF_T2	0	0	0	0	0	0	-1.38	-1.39	1	1	0	1200	1200	0
1/21/2024 3:12	46204 DANV_T2	73	53	-20	0.38	0.26	-0.12	0	0	0	0	0	0	0	0
1/21/2024 3:12	53903 HALI_T2	2	2	0	0.3	0.3	0	0	0	0	0	0	0	0	0
1/21/2024 3:15	43101 SMIL_T2	1	1	0	0.1	0.1	0	0	0	0	0	0	0	0	0
1/21/2024 3:19	65001 NEFF_T2	0	0	0	0	0	0	-1.38	-1.39	1	1	0	1200	1200	0
1/21/2024 3:23	44903 SCOT_T1	0	0	0	0	0	0	-0.02	-0.02	0	0	0	0	0	0
1/21/2024 3:35	65001 NEFF_T2	0	0	0	0	0	0	-1.39	-1.37	1	1	0	1200	1200	0
1/21/2024 3:40	59101 WALK_T2	0	0	0	0	0	0	1.07	1.02	1	1	0	450	450	0
1/21/2024 3:45	46602 LACR_T1	0	0	0	0	0	0	-1.23	-1.23	0	0	0	0	0	0
1/21/2024 3:47	52004 LING_T2	1	1	0	0.7	0.5	-0.2	0.05	0.04	0	0	0	0	0	0
1/21/2024 4:08	43104 SMIL_T2	0	0	0	0	0	0	-0.69	-0.68	1	1	0	300	300	0
1/21/2024 4:08	15604 NSTR_T1	21	49	28	0.53	0.47	-0.06	-0.36	-0.35	0	0	0	0	0	0
1/21/2024 4:23	46206 DANV_T2	8	3	-5	0.28	0.5	0.22	0	0	0	0	0	0	0	0
1/21/2024 4:23	43104 SMIL_T2	0	0	0	0	0	0	-0.68	-0.69	1	1	0	300	300	0
1/21/2024 4:24	46206 DANV_T2	8	3	-5	0.28	0.5	0.22	0	0	0	0	0	0	0	0
1/21/2024 4:59	65001 NEFF_T2	0	0	0	0	0	0	-1.34	-1.34	1	1	0	1200	1200	0
1/21/2024 5:20	65001 NEFF_T2	0	0	0	0	0	0	-1.34	-1.35	1	1	0	1200	1200	0
1/21/2024 5:57	65001 NEFF_T2	0	0	0	0	0	0	-1.29	-1.28	1	1	0	1200	1200	0
1/21/2024 7:53	46204 DANV_T2	24	97	73	0.28	0.29	0.01	0	0	0	0	0	0	0	0
1/21/2024 7:53	45502 DERR_T2	1	4	3	2	1.65	-0.35	0	0	0	0	0	0	0	0
1/21/2024 7:54	46206 DANV_T2	4	6	2	0.58	0.35	-0.23	0	0	0	0	0	0	0	0
1/21/2024 7:55	46204 DANV_T2	24	97	73	0.28	0.29	0.01	0	0	0	0	0	0	0	0
1/21/2024 7:56	53903 HALI_T2	2	2	0	0.3	0.1	-0.2	0	0	0	0	0	0	0	0
1/21/2024 7:57	46206 DANV_T2	4	6	2	0.58	0.35	-0.23	2.45	2.38	1	1	0	1200	1200	0
1/21/2024 7:58	23902 EFMO_T2	0	1	1	0	0.2	0.2	0	0	0	0	0	0	0	0
1/21/2024 7:58	46206 DANV_T2	4	6	2	0.58	0.35	-0.23	0	0	0	0	0	0	0	0
1/21/2024 7:58	45501 DERR_T2	3	0	-3	0.73	0	-0.73	0.3	0.29	1	1	0	600	600	0
1/21/2024 8:01	53901 HALI_T2	0	0	0	0	0	0	-1.36	-1.36	0	0	0	0	0	0
1/21/2024 8:03	57301 MOAL_T2	0	1	1	0	0	0	0	0	0	0	0	0	0	0
1/21/2024 8:03	65001 NEFF_T2	0	0	0	0	0	0	-1.12	-1.19	1	1	0	1200	1200	0
1/21/2024 8:05	57301 MOAL_T2	0	1	1	0	0	0	0	0	0	0	0	0	0	0
1/21/2024 8:05	44903 SCOT_T1	54	98	44	0.5	0.47	-0.03	-0.02	-0.02	0	0	0	0	0	0
1/21/2024 8:07	44905 SCOT_T1	79	81	2	1.68	1.67	-0.01	0	0	0	0	0	0	0	0
1/21/2024 8:11	42701 AUGU_T1	6	7	1	0.37	0.43	0.06	0	0	1	1	0	600	600	0
1/21/2024 8:13	46801 HEPB_T2	2	2	0	0.9	0.95	0.05	-0.27	-0.29	0	0	0	0	0	0
1/21/2024 8:15	46801 HEPB_T2	2	2	0	0.95	0.75	-0.2	-0.27	-0.29	0	0	0	0	0	0
1/21/2024 8:15	11104 EGYP_T1	50	28	-22	0.5	0.26	-0.24	0.71	0.69	0	0	0	0	0	0
1/21/2024 8:16	57303 MOAL_T2	1	1	0	8.5	8.6	0.1	0	0	0	0	0	0	0	0
1/21/2024 8:16	43202 MVIL_T2	0	0	0	0	0	0	-0.59	-0.6	0	0	0	0	0	0
1/21/2024 8:19	43104 SMIL_T2	0	1	1	0	0	0	-0.61	-0.6	1	1	0	300	300	0
1/21/2024 8:20	43202 MVIL_T2	0	0	0	0	0	0	-0.59	-0.6	0	0	0	0	0	0
1/21/2024 8:20	43101 SMIL_T2	1	1	0	2.8	2.8	0	0	0	0	0	0	0	0	0
1/21/2024 8:22	43108 SMIL_T2	0	1	1	0	0.2	0.2	0	0	0	0	0	0	0	0
1/21/2024 8:24	49804 UNIV_T1	5	6	1	0.24	0.3	0.06	0	0	0	0	0	0	0	0
1/21/2024 8:30	46801 HEPB_T2	2	2	0	0.75	1.25	0.5	-0.29	-0.28	0	0	0	0	0	0
1/21/2024 8:32	47401 PENS_T1	0	0	0	0	0	0	0.78	0.85	0	0	0	0	0	0
1/21/2024 8:35	47401 PENS_T1	0	0	0	0	0	0	1.56	1.71	0	0	0	0	0	0
1/21/2024 8:35	16202 POFA_T1	10	11	1	0.93	0.47	-0.46	0	0	0	0	0	0	0	0
1/21/2024 8:39	44903 SCOT_T1	91	145	54	0.5	0.7	0.2	-0.02	-0.01	0	0	0	0	0	0
1/21/2024 8:40	59101 WALK_T2	0	0	0	0	0	0	1.03	1	1	1	0	450	450	0
1/21/2024 8:40	55002 NEWP_T1	5	4	-1	0.62	0.45	-0.17	-0.12	-0.1	0	0	0	0	0	0
1/21/2024 8:52	44905 SCOT_T1	91	96	5	2.21	2.29	0.08	0	0	0	0	0	0	0	0
1/21/2024 8:55	65001 NEFF_T2	0	0	0	0	0	0	-1.14	-1.21	1	1	0	1200	1200	0
1/21/2024 9:00	52102 MEIS_T1	5	10	5	0.26	0.2	-0.06	0	0	1	1	0	450	450	0
1/21/2024 9:00	46203 DANV_T2	0	5	5	0	0.15	0.15	0	0	0	0	0	0	0	0
1/21/2024 9:00	53903 HALI_T2	0	0	0	0	0	0	-0.25	-0.29	0	0	0	0	0	0
1/21/2024 9:00	16103 BING_T2	0	1	1	0	0.2	0.2	0	0	0	0	0	0	0	0
1/21/2024 9:00	57403 SPAN_T1	0	1	1	0	0	0	0	0	0	0	0	0	0	0
1/21/2024 9:00	67402 WAKE_T2	0	0	0	0	0	0	-0.22	-0.25	1	1	0	600	600	0
1/21/2024 9:00	23401 HONE_T2	14	6	-8	0.33	0.25	-0.08	0.1	-0.49	0	0	0	0	0	0
1/21/2024 9:00	42903 MIDD_T2	2	3	1	1.3	1.7	0.4	-0.14	-0.12	0	0	0	0	0	0
1/21/2024 9:00	56501 ROCK_T2	1	2	1	0.5	0.4	-0.1	0	0	0	0	0	0	0	0
1/21/2024 9:00	51603 DUKE_T1	0	0	0	0	0	0	-0.98	-0.97	0	0	0	0	0	0
1/21/2024 9:00	42001 MNVL_T2	0	0	0	0	0	0	0.24	0.24	0	0	0	0	0	0
1/21/2024 9:00	44901 SCOT_T2	0	0	0	0	0	0	-0.12	-0.14	0	0	0	0	0	0
1/21/2024 9:00	44201 POIN_T1	0	2	2	0	0.1	0.1	-2.39	-2.38	1	1	0	1200	1200	0
1/21/2024 9:00	60701 BREC_T1	0	0	0	0	0	0	-1	-1.04	2	2	0	1200	1200	0
1/21/2024 9:00	44905 SCOT_T1	95	84	-11	2.34	2.25	-0.09	0	0	0	0	0	0	0	0
1/21/2024 9:00	43001 ALWD_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1/21/2024 9:00	49804 UNIV_T1	5	8	3	0.26	0.23	-0.03	0	0	0	0	0	0	0	0
1/21/2024 9:00	59101 WALK_T2	0	1	1	0	0	0	2.01	2.45	2	2	0	900	900	0
1/21/2024 9:00	67503 WEWI_T2	0	0	0	0	0	0	0.31	0.39	0	0	0	0	0	0
1/21/2024 9:00	43301 WATS_T2	0	1	1	0	0	0	0	0	0	0	0	0	0	0
1/21/2024 9:00	46004 BERW_T2	3	10	7	0.37	0.58	0.21	-0.61	-0.57	0	0	0	0	0	0
1/21/2024 9:00	15604 NSTR_T1	138	131	-7	1.12	0.73	-0.39	-0.22	-0.23	0	0	0	0	0	0
1/21/2024 9:00	65001 NEFF_T2	0	0	0	0	0	0	-1.14	-1.21	1	1	0	1200	1200	0
1/21/2024 9:01	65902 SAKR_T2	0	0	0	0	0	0	-0.64	-0.63	1	1	0	300	300	0
1/21/2024 9:01	12701 MACU_T1	0	1	1	0	0	0	-0.9	-0.93	1	1	0	1200	1200	0
1/21/2024 9:02	63403 HONY_T2	0	0	0	0	0	0	-0.42	-0.38	1	1	0	600	600	0
1/21/2024 9:06	44905 SCOT_T1	95	84	-11	2.34	2.25	-0.09	0	0	0	0	0	0	0	0
1/21/2024 9:06	57403 SPAN_T1	0	1	1	0	0	0	0.3	0.25	0	0	0	0	0	0
1/21/2024 9:07	44905 SCOT_T1	95	84	-11	2.34	2.25	-0.09	0	0	0	0	0	0	0	0
1/21/2024 9:07	46803 HEPB_T2	2	6	4	0.25	0.25	0	0	0	0	0	0	0	0	0
1/21/2024 9:08	15604 NSTR_T1	138	131	-7	1.12	0.73	-0.39	-0.22	-0.23	0	0	0	0	0	0
1/21/2024 9:08	53502 EVIL_T2	11	12	1	1.88	0.99	-0.89	0	0	0	0	0	0	0	0
1/21/2024 9:08	53901 HALI_T2	1	1	0	0.6	0.1	-0.5	-1.38	-1.37	0	0	0	0	0	0
1/21/2024 9:08	44905 SCOT_T1	95	84	-11	2.34	2.25	-0.09	0	0	0	0	0	0	0	0
1/21/2024 9:08	43001 ALWD_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1/21/2024 9:08	60101 COCA_T1	1	0	-1	1.5	0	-1.5	0.5	0.48	0	0	0	0	0	0
1/21/2024 9:09	42701 AUGU_T1	11	14	3	0.3	0.43	0.13	0	0	1	1	0	600	600	0
1/21/2024 9:09	60801 BUCK_T1	0	0	0	0	0	0	-0.77	-0.79	1	1	0	600	600	0
1/21/2024 9:09	46206 DANV_T2	13	11	-2	0.41	0.6	0.19	2.64	2.67	1	1	0	1200	1200	0
1/21/2024 9:09	59102 WALK_T2	0	0	0	0	0	0	-0.36	-0.37	1	1	0	600	600	0
1/21/2024 9:10	46204 DANV_T2	106	97	-9	0.64	0.43	-0.21	0	0	0	0	0	0	0	0
1/21/2024 9:11	23902 EFMO_T2	0	1	1	0	0	0	0	0	0	0	0	0	0	0
1/21/2024 9:12	45501 DERR_T2	0	0	0	0	0	0	0.24	0.22	1	1	0	600	600	0
1/21/2024 9:12	46204 DANV_T2	106	97	-9	0.64	0.43	-0.21	0	0	0	0	0	0	0	0
1/21/2024 9:12	46204 DANV_T2	106	97	-9	0.64	0.43	-0.21	0	0	0	0	0	0	0	0
1/21/2024 9:13	46204 DANV_T2	106	97	-9	0.64	0.43	-0.21	0	0	0	0	0	0	0	0
1/21/2024 9:13	45501 DERR_T2	0	0	0	0	0	0	0.24	0.22	1	1	0	600	600	0
1/21/2024 9:14	53901 HALI_T2	1	1	0	0.6	0.1	-0.5	-1.37	-1.35	0	0	0	0	0	0
1/21/2024 9:16	53901 HALI_T2	1	1	0	0.1	0	-0.1	-1.37	-1.35	0	0	0	0	0	0
1/21/2024 9:16	46801 HEPB_T2	12	23	11	0.32	0.3	-0.02	-0.25	-0.26	0	0	0	0	0	0
1/21/2024 9:16	58401 MORO_T1	0	0	0	0	0	0	-1.79	-1.81	1	1	0	600	600	0
1/21/2024 9:16	52102 MEIS_T1	5	15	10	0.18	0.23	0.05	0	0	1	1	0	450	450	0
1/21/2024 9:16	28704 HAML_T2	0	0	0	0	0	0	-0.57	-0.57	0	0	0	0	0	0
1/21/2024 9:17	52101 MEIS_T1	1	1	0	0.2	0.5	0.3	0	0	0	0	0	0	0	0
1/21/2024 9:17	55001 NEWP_T1	0	1	1	0	0	0	0	0	0	0	0	0	0	0
1/21/2024 9:18	46901 MNTG_T2	1	1	0	0.4	0	-0.4	1.08	1.19	0	0	0	0	0	0
1/21/2024 9:18	43202 MVIL_T2	0	0	0	0	0	0	-0.62	-0.61	0	0	0	0	0	0
1/21/2024 9:19	64101 REFR_T1	0	0	0	0	0	0	0.1	0.09	0	0	0	0	0	0
1/21/2024 9:19	58401 MORO_T1	0	0	0	0	0	0	-1.79	-1.81	1	1	0	600	600	0
1/21/2024 9:19	43201 MVIL_T2	2	1	-1	0.5	0	-0.5	0	0	0	0	0	0	0	0
1/21/2024 9:20	64101 REFR_T1	0	0	0	0	0	0	0.3	0.27	0	0	0	0	0	0
1/21/2024 9:21	59101 WALK_T2	1	0	-1	0.3	0	-0.3	1.23	1.17	1	1	0	450	450	0
1/21/2024 9:22	64101 REFR_T1	0	0	0	0	0	0	0.2	0.18	0	0	0	0	0	0
1/21/2024 9:22	59101 WALK_T2	1	0	-1	0.3	0	-0.3	1.23	1.17	1	1	0	450	450	0
1/21/2024 9:25	45501 DERR_T2	0	0	0	0	0	0	0.22	0.2	1	1	0	600	600	0
1/21/2024 9:25	59101 WALK_T2	1	0	-1	0.3	0	-0.3	1.17	0.74	1	1	0	450	450	0
1/21/2024 9:25	64101 REFR_T1	0	0	0	0	0	0	0.18	0.2	0	0	0	0	0	0
1/21/2024 9:26	45501 DERR_T2	0	0	0	0	0	0	0.22	0.2	1	1	0	600	600	0
1/21/2024 9:27	56801 BENV_T1	18	14	-4	0.64	0.66	0.02	-0.99	-1	2	2	0	1200	1200	0
1/21/2024 9:27	49803 UNIV_T1	22	0	-22	0.22	0	-0.22	-0.93	-0.92	0	0	0	0	0	0
1/21/2024 9:28	45501 DERR_T2	0	0	0	0	0	0	0.22	0.2	1	1	0	600	600	0
1/21/2024 9:28	11104 EGYP_T1	16	24	8	0.26	0.41	0.15	0.62	0.6	0	0	0	0	0	0
1/21/2024 9:30	46901 MNTG_T2	1	0	-1	0.3	0	-0.3	0	0	0	0	0	0	0	0
1/21/2024 9:31	46901 MNTG_T2	1	0	-1	0.3	0	-0.3	0	0	0	0	0	0	0	0
1/21/2024 9:32	46901 MNTG_T2	1	0	-1	0.3	0	-0.3	0	0	0	0	0	0	0	0
1/21/2024 9:33	52101 MEIS_T1	1	1	0	0.5	0.7	0.2	0	0	0	0	0	0	0	0
1/21/2024 9:34	46903 MNTG_T2	0	0	0	0	0	0	-0.15	-0.12	1	1	0	600	600	0
1/21/2024 9:38	56801 BENV_T1	9	13	4	0.77	0.67	-0.1	-1.99	-2	4	4	0	2400	2400	0
1/21/2024 9:39	56801 BENV_T1	9	13	4	0.77	0.67	-0.1	-3.01	-3.03	6	6	0	3600	3600	0
1/21/2024 9:40	56801 BENV_T1	9	13	4	0.77	0.67	-0.1	-1	-1.01	2	2	0	1200	1200	0
1/21/2024 9:42	56803 BENV_T1	1	2	1	0.8	0	-0.8	0	0	0	0	0	0	0	0
1/21/2024 9:43	10801 CHHI_T1	1	0	-1	0.4	0.5	0.1	-1.16	-1.26	2	2	0	1500	1500	0
1/21/2024 9:45	42903 MIDD_T2	2	2	0	1.65	1.8	0.15	0	0	0	0	0	0	0	0
1/21/2024 9:46	42903 MIDD_T2	2	2	0	1.65	1.8	0.15	0	0	0	0	0	0	0	0
1/21/2024 9:47	42901 MIDD_T2	6	8	2	0.13	0.18	0.05	0	0	0	0	0	0	0	0
1/21/2024 9:47	42901 MIDD_T2	6	8	2	0.13	0.18	0.05	0	0	0	0	0	0	0	0
1/21/2024 9:48	60502 NMAN_T2	0	0	0	0	0	0	-0.46	-0.52	0	0	0	0	0	0
1/21/2024 9:49	66505 SMAN_T2	2	0	-2	0.3	0	-0.3	0	0	0	0	0	0	0	0
1/21/2024 9:49	42902 MIDD_T2	38	29	-9	0.33	0.18	-0.15	-0.47	-0.46	0	0	0	0	0	0
1/21/2024 9:49	46302 ROHR_T1	3	4	1	0.47	0.55	0.08	0	-0.06	0	0	0	0	0	0
1/21/2024 9:49	44901 SCOT_T2	0	0	0	0	0	0	-0.15	-0.1	0	0	0	0	0	0
1/21/2024 9:50	46301 ROHR_T1	1	1	0	1.3	0.6	-0.7	0	0	0	0	0	0	0	0
1/21/2024 9:50	65901 SAKR_T2	1	1	0	8.4	8.4	0	-1.68	-1.62	2	2	0	1500	1500	0
1/21/2024 9:51	11104 EGYP_T1	23	57	34	0.48	0.46	-0.02	0.6	0.58	0	0	0	0	0	0
1/21/2024 9:52	42701 AUGU_T1	4	4	0	0.5	0.33	-0.17	0	0	1	1	0	600	600	0
1/21/2024 9:53	56803 BENV_T1	1	1	0	0.2	0	-0.2	0	0	0	0	0	0	0	0
1/21/2024 9:54	56803 BENV_T1	1	1	0	0.2	0	-0.2	0	0	0	0	0	0	0	0
1/21/2024 9:54	42701 AUGU_T1	4	4	0	0.5	0.33	-0.17	0	0	1	1	0	600	600	0
1/21/2024 9:55	56803 BENV_T1	1	1	0	0.2	0	-0.2	0	0	0	0	0	0	0	0
1/21/2024 9:55	67901 WNHO_T2	114	99	-15	0.31	0.31	0	-0.63	-0.59	0	0	0	0	0	0
1/21/2024 9:57	17802 GILB_T1	1	0	-1	0.1	0	-0.1	0.27	0.26	0	0	0	0	0	0
1/21/2024 9:58	17802 GILB_T1	1	0	-1	0.1	0	-0.1	0.27	0.26	0	0	0	0	0	0
1/21/2024 9:59	52002 LING_T2	0	0	0	0	0	0	0.09	0.15	0	0	0	0	0	0
1/21/2024 9:59	63401 HONY_T1	0	0	0	0	0	0	0.07	0.11	0	0	0	0	0	0
1/21/2024 10:00	26402 INOR_T1	0	0	0	0	0	0	-1.05	-1.02	1	1	0	600	600	0
1/21/2024 10:00	46903 MNTG_T2	0	0	0	0	0	0	-0.13	-0.18	1	1	0	600	600	0
1/21/2024 10:02	57303 MOAL_T2	1	1	0	8.3	8.4	0.1	0	0	0	0	0	0	0	0
1/21/2024 10:02	46903 MNTG_T2	0	0	0	0	0	0	-0.26	-0.35	2	2	0	1200	1200	0
1/21/2024 10:02	52002 LING_T2	0	0	0	0	0	0	0.09	0.15	0	0	0	0	0	0
1/21/2024 10:02	43201 MVIL_T2	0	0	0	0	0	0	-0.31	-0.3	0	0	0	0	0	0
1/21/2024 10:03	52002 LING_T2	0	0	0	0	0	0	0.09	0.15	0	0	0	0	0	0
1/21/2024 10:03	55002 NEWP_T1	3	5	2	0.2	0.68	0.48	-0.11	-0.15	0	0	0	0	0	0
1/21/2024 10:03	65604 QVIL_T2	1	0	-1	0.1	0	-0.1	0.53	0.52	0	0	0	0	0	0
1/21/2024 10:04	57303 MOAL_T2	1	1	0	8.3	8.4	0.1	0	0	0	0	0	0	0	0
1/21/2024 10:04	66703 STRA_T1	0	4	4	0	0	0	0.06	0.06	0	0	0	0	0	0
1/21/2024 10:05	55002 NEWP_T1	3	5	2	0.2	0.68	0.48	-0.11	-0.15	0	0	0	0	0	0
1/21/2024 10:05	46901 MNTG_T2	0	1	1	0	0	0	0	0	0	0	0	0	0	0
1/21/2024 10:05	57401 SPAN_T1	0	0	0	0	0	0	-1.39	-1.39	1	1	0	600	600	0
1/21/2024 10:06	55002 NEWP_T1	3	5	2	0.2	0.68	0.48	-0.11	-0.15	0	0	0	0	0	0
1/21/2024 10:06	65901 SAKR_T2	1	1	0	8.4	8.4	0	-1.62	-1.61	2	2	0	1500	1500	0
1/21/2024 10:07	57401 SPAN_T1	0	0	0	0	0	0	-1.39	-1.39	1	1	0	600	600	0
1/21/2024 10:07	55002 NEWP_T1	3	5	2	0.2	0.68	0.48	-0.11	-0.15	0	0	0	0	0	0
1/21/2024 10:08	57401 SPAN_T1	0	0	0	0	0	0	-2.78	-2.79	2	2	0	1200	1200	0
1/21/2024 10:09	56803 BENV_T1	1	0	-1	0.7	0	-0.7	0.58

1/21/2024 10:37	56501 ROCK_T2	4	2	-2	1.85	1.1	-0.75	-2.06	-2.11	0	0	0	0	0	0
1/21/2024 10:39	10805 CHHI_T2	7	12	5	3.06	2.93	-0.13	-0.44	-0.52	0	0	0	0	0	0
1/21/2024 10:40	10602 BLGL_T2	4	10	6	2.15	1.5	-0.65	0.55	0.55	0	0	0	0	0	0
1/21/2024 10:40	67402 WAKE_T2	1	1	0	0.4	0	-0.4	-0.26	-0.3	1	1	0	600	600	0
1/21/2024 10:40	10805 CHHI_T2	7	12	5	3.06	2.93	-0.13	-0.44	-0.52	0	0	0	0	0	0
1/21/2024 10:41	45501 DERR_T2	4	4	0	0.93	0.9	-0.03	0.14	0.09	1	1	0	600	600	0
1/21/2024 10:41	56801 BENV_T1	5	12	7	0.4	0.92	0.52	-1.05	-1.11	2	2	0	1200	1200	0
1/21/2024 10:42	46204 DANV_T2	22	71	49	0.39	0.37	-0.02	0	0	0	0	0	0	0	0
1/21/2024 10:42	17803 GILB_T2	2	4	2	0.25	0.43	0.18	0	0	0	0	0	0	0	0
1/21/2024 10:42	45502 DERR_T2	0	1	1	0	0	0	0	0	0	0	0	0	0	0
1/21/2024 10:44	16101 BING_T2	140	170	30	1.35	1.47	0.12	-0.88	-0.94	0	0	0	0	0	0
1/21/2024 10:45	17802 GILB_T1	0	1	1	0	0	0	0.48	0.36	0	0	0	0	0	0
1/21/2024 10:45	52004 LING_T2	1	1	0	0.9	0.4	-0.5	0	0	0	0	0	0	0	0
1/21/2024 10:45	67402 WAKE_T2	1	0	-1	0.2	0	-0.2	-0.26	-0.3	1	1	0	600	600	0
1/21/2024 10:45	53901 HALI_T2	0	0	0	0	0	0	-1.39	-1.36	0	0	0	0	0	0
1/21/2024 10:46	52002 LING_T2	0	0	0	0	0	0	0.15	0.13	0	0	0	0	0	0
1/21/2024 10:46	17803 GILB_T2	3	6	3	1	0.1	-0.9	0	0	0	0	0	0	0	0
1/21/2024 10:46	55002 NEWP_T1	3	4	1	0.5	0.6	0.1	-0.12	-0.13	0	0	0	0	0	0
1/21/2024 10:49	56501 ROCK_T2	2	1	-1	0.8	1.2	0.4	-2.11	-2.15	0	0	0	0	0	0
1/21/2024 10:49	42902 MIDD_T2	5	9	4	0.14	0.12	-0.02	-0.51	-0.54	0	0	0	0	0	0
1/21/2024 10:50	67502 WEWI_T2	0	0	0	0	0	0	-1.5	-1.49	1	1	0	900	900	0
1/21/2024 10:51	56501 ROCK_T2	2	1	-1	0.8	1.2	0.4	-4.23	-4.3	0	0	0	0	0	0
1/21/2024 10:51	67402 WAKE_T2	1	0	-1	0.2	0	-0.2	-0.26	-0.3	1	1	0	600	600	0
1/21/2024 10:51	66703 STRA_T1	11	10	-1	0.62	0.5	-0.12	0.01	0.01	0	0	0	0	0	0
1/21/2024 10:52	56504 ROCK_T2	1	8	7	0.7	0.5	-0.2	0	0	0	0	0	0	0	0
1/21/2024 10:53	60201 ATGL_T2	0	0	0	0	0	0	-0.37	-0.37	1	1	0	600	600	0
1/21/2024 10:53	56504 ROCK_T2	1	8	7	0.7	0.5	-0.2	0	0	0	0	0	0	0	0
1/21/2024 10:53	43001 ALWD_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1/21/2024 10:54	51107 CARL_T1	0	0	0	0	0	0	-1.16	-1.13	0	0	0	0	0	0
1/21/2024 10:54	46001 BERW_T1	0	1	1	0	0	0	0.79	0.82	0	0	0	0	0	0
1/21/2024 10:56	67402 WAKE_T2	1	0	-1	0.2	0	-0.2	-0.3	-0.29	1	1	0	600	600	0
1/21/2024 10:56	17805 GILB_T2	0	0	0	0	0	0	-0.56	-0.57	0	0	0	0	0	0
1/21/2024 10:56	46001 BERW_T1	0	1	1	0	0	0	0.79	0.82	0	0	0	0	0	0
1/21/2024 10:57	17805 GILB_T2	0	0	0	0	0	0	-0.56	-0.57	0	0	0	0	0	0
1/21/2024 10:58	17805 GILB_T2	0	0	0	0	0	0	-0.56	-0.57	0	0	0	0	0	0
1/21/2024 10:58	64204 KINZ_T1	0	1	1	0	0.6	0.6	0	0	0	0	0	0	0	0
1/21/2024 11:01	17802 GILB_T1	0	1	1	0	0.6	0.6	0.18	0.18	0	0	0	0	0	0
1/21/2024 11:02	55002 NEWP_T1	3	5	2	0.63	0.74	0.11	-0.13	-0.13	0	0	0	0	0	0
1/21/2024 11:02	64801 MONE_T2	0	0	0	0	0	0	-0.4	-0.38	0	0	0	0	0	0
1/21/2024 11:06	52501 PROG_T1	0	0	0	0	0	0	-0.01	-0.01	1	1	0	300	300	0
1/21/2024 11:06	55105 WERT_T1	0	0	0	0	0	0	-0.31	-0.38	1	1	0	900	900	0
1/21/2024 11:06	45402 WILO_T2	1	1	0	0.3	1.3	1	-2.89	-2.88	2	2	0	1800	1800	0
1/21/2024 11:07	67502 WEWI_T2	0	0	0	0	0	0	-1.49	-1.5	1	1	0	900	900	0
1/21/2024 11:07	67402 WAKE_T2	0	0	0	0	0	0	-0.3	-0.29	1	1	0	600	600	0
1/21/2024 11:08	67502 WEWI_T2	0	0	0	0	0	0	-1.49	-1.5	1	1	0	900	900	0
1/21/2024 11:10	44301 BEAV_T2	4	5	1	0.63	0.43	-0.2	-0.89	-0.93	1	1	0	600	600	0
1/21/2024 11:11	67502 WEWI_T2	0	0	0	0	0	0	-1.5	-1.53	1	1	0	900	900	0
1/21/2024 11:11	46206 DANV_T2	8	19	11	0.6	0.48	-0.12	5.49	5.4	2	2	0	2400	2400	0
1/21/2024 11:12	61801 EEU_T2	0	0	0	0	0	0	-1.79	-1.81	2	2	0	1200	1200	0
1/21/2024 11:12	67402 WAKE_T2	0	0	0	0	0	0	-0.29	-0.28	1	1	0	600	600	0
1/21/2024 11:16	53901 HALI_T2	0	0	0	0	0	0	-1.38	-1.35	0	0	0	0	0	0
1/21/2024 11:16	59301 MCAL_T1	1	3	2	0.5	0.37	-0.13	0	0	0	0	0	0	0	0
1/21/2024 11:17	57301 MOAL_T2	0	1	1	0	0	0	0	0	0	0	0	0	0	0
1/21/2024 11:18	46901 MNTG_T2	1	1	0	0.7	0.3	-0.4	0	0	0	0	0	0	0	0
1/21/2024 11:18	55002 NEWP_T1	4	6	2	0.55	0.7	0.15	-0.13	-0.15	0	0	0	0	0	0
1/21/2024 11:18	51107 CARL_T1	0	0	0	0	0	0	-0.56	-0.6	0	0	0	0	0	0
1/21/2024 11:19	51107 CARL_T1	0	0	0	0	0	0	-0.56	-0.6	0	0	0	0	0	0
1/21/2024 11:19	46901 MNTG_T2	1	1	0	0.7	0.3	-0.4	1.23	1.18	0	0	0	0	0	0
1/21/2024 11:20	55002 NEWP_T1	4	6	2	0.55	0.7	0.15	-0.13	-0.15	0	0	0	0	0	0
1/21/2024 11:21	44601 SALE_T2	0	5	5	0	0	0	-0.08	-0.13	0	0	0	0	0	0
1/21/2024 11:22	49804 UNIV_T1	1	0	-1	0.9	0	-0.9	0	0	0	0	0	0	0	0
1/21/2024 11:22	67402 WAKE_T2	0	0	0	0	0	0	-0.29	-0.28	1	1	0	600	600	0
1/21/2024 11:23	61101 BERK_T5	0	0	0	0	0	0	-1.78	-1.8	0	0	0	0	0	0
1/21/2024 11:23	66703 STRA_T1	2	8	6	0.35	0.44	0.09	0	0	0	0	0	0	0	0
1/21/2024 11:23	49803 UNIV_T1	0	0	0	0	0	0	-0.93	-0.97	0	0	0	0	0	0
1/21/2024 11:24	45302 WBER_T2	1	10	9	0.3	0.2	-0.1	1.74	1.7	0	0	0	0	0	0
1/21/2024 11:26	61306 EARL_T1	6	9	3	0.18	0.29	0.11	0	0	0	0	0	0	0	0
1/21/2024 11:26	61101 BERK_T5	0	0	0	0	0	0	-1.8	-1.79	0	0	0	0	0	0
1/21/2024 11:27	67402 WAKE_T2	0	0	0	0	0	0	-0.28	-0.27	1	1	0	600	600	0
1/21/2024 11:28	28702 HAML_T2	0	0	0	0	0	0	-0.03	-0.08	0	0	0	0	0	0
1/21/2024 11:28	45702 LIND_T2	0	0	0	0	0	0	-0.37	-0.36	0	0	0	0	0	0
1/21/2024 11:28	53901 HALI_T2	0	0	0	0	0	0	-2.69	-2.82	0	0	0	0	0	0
1/21/2024 11:29	53901 HALI_T2	0	0	0	0	0	0	-1.35	-1.41	0	0	0	0	0	0
1/21/2024 11:30	42902 MIDD_T2	0	5	5	0	0.14	0.14	-0.54	-0.56	0	0	0	0	0	0
1/21/2024 11:30	40901 JESH_T1	1	1	0	0.8	0.7	-0.1	0	0	0	0	0	0	0	0
1/21/2024 11:31	42902 MIDD_T2	0	5	5	0	0.14	0.14	-1.61	-1.67	0	0	0	0	0	0
1/21/2024 11:31	53901 HALI_T2	0	0	0	0	0	0	-1.35	-1.41	0	0	0	0	0	0
1/21/2024 11:32	42902 MIDD_T2	0	5	5	0	0.14	0.14	-1.07	-1.11	0	0	0	0	0	0
1/21/2024 11:32	53901 HALI_T2	0	0	0	0	0	0	-2.69	-2.82	0	0	0	0	0	0
1/21/2024 11:32	42902 MIDD_T2	0	5	5	0	0.14	0.14	-1.07	-1.11	0	0	0	0	0	0
1/21/2024 11:32	15604 NSTR_T1	106	90	-16	0.71	0.55	-0.16	-0.27	-0.27	0	0	0	0	0	0
1/21/2024 11:33	58402 MORO_T1	0	0	0	0	0	0	-0.27	-0.24	2	2	0	1500	1500	0
1/21/2024 11:33	58401 MORO_T1	0	0	0	0	0	0	-1.92	-1.93	1	1	0	600	600	0
1/21/2024 11:33	15604 NSTR_T1	106	90	-16	0.71	0.55	-0.16	-0.27	-0.27	0	0	0	0	0	0
1/21/2024 11:34	42902 MIDD_T2	0	5	5	0	0.14	0.14	-0.54	-0.56	0	0	0	0	0	0
1/21/2024 11:34	64801 MONE_T2	0	0	0	0	0	0	-0.45	-0.45	0	0	0	0	0	0
1/21/2024 11:34	54106 PENN_T2	0	0	0	0	0	0	-2.8	-2.79	0	0	0	0	0	0
1/21/2024 11:35	57401 SPAN_T1	0	0	0	0	0	0	-2.39	-2.49	2	2	0	1200	1200	0
1/21/2024 11:35	58401 MORO_T1	0	0	0	0	0	0	-1.92	-1.93	1	1	0	600	600	0
1/21/2024 11:38	67402 WAKE_T2	0	0	0	0	0	0	-0.28	-0.27	1	1	0	600	600	0
1/21/2024 11:38	57401 SPAN_T1	0	0	0	0	0	0	-2.39	-2.49	2	2	0	1200	1200	0
1/21/2024 11:38	67502 WEWI_T2	0	0	0	0	0	0	-1.53	-1.43	1	1	0	900	900	0
1/21/2024 11:39	67502 WEWI_T2	0	0	0	0	0	0	-1.43	-1.49	1	1	0	900	900	0
1/21/2024 11:39	67402 WAKE_T2	0	0	0	0	0	0	-0.27	-0.28	1	1	0	600	600	0
1/21/2024 11:40	67502 WEWI_T2	0	0	0	0	0	0	-1.43	-1.49	1	1	0	900	900	0
1/21/2024 11:40	67901 WNHO_T2	61	82	21	0.26	0.29	0.03	-0.56	-0.57	0	0	0	0	0	0
1/21/2024 11:40	43001 ALWD_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1/21/2024 11:43	26401 INOR_T1	0	1	1	0	0	0	0.67	0.65	0	0	0	0	0	0
1/21/2024 11:43	67402 WAKE_T2	0	0	0	0	0	0	-0.27	-0.28	1	1	0	600	600	0
1/21/2024 11:44	52002 LING_T2	0	0	0	0	0	0	0.23	0.16	0	0	0	0	0	0
1/21/2024 11:45	52004 LING_T2	0	2	2	0	0.2	0.2	0	0	0	0	0	0	0	0
1/21/2024 11:46	26402 INOR_T1	0	0	0	0	0	0	-1.01	-1.03	1	1	0	600	600	0
1/21/2024 11:47	52002 LING_T2	0	0	0	0	0	0	0.11	0.08	0	0	0	0	0	0
1/21/2024 11:47	26401 INOR_T1	0	1	1	0	0.4	0.4	0	0	0	0	0	0	0	0
1/21/2024 11:48	52002 LING_T2	0	0	0	0	0	0	0.11	0.08	0	0	0	0	0	0
1/21/2024 11:48	65604 QVIL_T2	2	0	-2	0.1	0	-0.1	0.47	0.54	0	0	0	0	0	0
1/21/2024 11:49	14402 SSLA_T1	2	1	-1	1	0.3	-0.7	0	0	0	0	0	0	0	0
1/21/2024 11:49	15604 NSTR_T1	78	81	3	0.61	0.45	-0.16	-0.27	-0.33	0	0	0	0	0	0
1/21/2024 11:51	65901 SAKR_T2	1	1	0	8.5	8.1	-0.4	-1.74	-1.7	2	2	0	1500	1500	0
1/21/2024 11:52	14402 SSLA_T1	2	1	-1	1	0.3	-0.7	0	0	0	0	0	0	0	0
1/21/2024 11:52	46001 BERW_T1	0	2	2	0	0	0	0.79	0.82	0	0	0	0	0	0
1/21/2024 11:53	42701 AUGU_T1	2	3	1	1	0.1	-0.9	0	0	1	1	0	600	600	0
1/21/2024 11:54	46001 BERW_T1	0	2	2	0	0	0	0.82	0.77	0	0	0	0	0	0
1/21/2024 11:54	67402 WAKE_T2	0	0	0	0	0	0	-0.28	-0.29	1	1	0	600	600	0
1/21/2024 11:54	10801 CHHI_T1	1	1	0	1.4	1.3	-0.1	-1.35	-1.34	2	2	0	1500	1500	0
1/21/2024 11:54	65901 SAKR_T2	1	1	0	8.5	8.1	-0.4	-1.7	-1.55	2	2	0	1500	1500	0
1/21/2024 11:55	42701 AUGU_T1	2	3	1	1	0.1	-0.9	0	0	1	1	0	600	600	0
1/21/2024 11:55	67402 WAKE_T2	0	0	0	0	0	0	-0.28	-0.29	1	1	0	600	600	0
1/21/2024 11:55	60801 BUCK_T1	0	0	0	0	0	0	-0.8	-0.81	1	1	0	600	600	0
1/21/2024 11:56	42701 AUGU_T1	2	3	1	1	0.1	-0.9	0	0	1	1	0	600	600	0
1/21/2024 11:56	43001 ALWD_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1/21/2024 11:57	26401 INOR_T1	0	1	1	0	0.4	0.4	0	0	0	0	0	0	0	0
1/21/2024 11:57	15604 NSTR_T1	78	81	3	0.61	0.45	-0.16	-0.33	-0.38	0	0	0	0	0	0
1/21/2024 11:57	10805 CHHI_T2	11	12	1	2.91	2.98	0.07	-0.4	-0.46	0	0	0	0	0	0
1/21/2024 11:58	10805 CHHI_T2	11	12	1	2.91	2.98	0.07	-0.4	-0.46	0	0	0	0	0	0
1/21/2024 11:59	67402 WAKE_T2	0	0	0	0	0	0	-0.28	-0.29	1	1	0	600	600	0
1/21/2024 12:00	42903 MIDD_T2	2	10	8	1.85	0.6	-1.25	0	0	0	0	0	0	0	0
1/21/2024 12:00	52004 LING_T2	1	2	1	0.2	0.2	0	0	0	0	0	0	0	0	0
1/21/2024 12:00	26401 INOR_T1	1	1	0	1	0	-1	0.65	0.66	0	0	0	0	0	0
1/21/2024 12:02	26401 INOR_T1	1	1	0	1	0	-1	0	0	0	0	0	0	0	0
1/21/2024 12:02	15604 NSTR_T1	80	39	-41	0.63	0.64	0.01	-0.33	-0.38	0	0	0	0	0	0
1/21/2024 12:02	42903 MIDD_T2	2	10	8	1.85	0.6	-1.25	0	0	0	0	0	0	0	0
1/21/2024 12:02	52004 LING_T2	1	2	1	0.2	0.2	0	0	0	0	0	0	0	0	0
1/21/2024 12:03	42901 MIDD_T2	1	36	35	0.2	0.17	-0.03	0	0	0	0	0	0	0	0
1/21/2024 12:04	15604 NSTR_T1	80	39	-41	0.63	0.64	0.01	-0.33	-0.38	0	0	0	0	0	0
1/21/2024 12:04	42901 MIDD_T2	1	36	35	0.2	0.17	-0.03	0	0	0	0	0	0	0	0
1/21/2024 12:04	52002 LING_T2	0	0	0	0	0	0	0.08	0.05	0	0	0	0	0	0
1/21/2024 12:05	65604 QVIL_T2	0	0	0	0	0	0	0.54	0.47	0	0	0	0	0	0
1/21/2024 12:06	42903 MIDD_T2	2	10	8	1.85	0.6	-1.25	0	0	0	0	0	0	0	0
1/21/2024 12:09	67402 WAKE_T2	0	0	0	0	0	0	-0.29	-0.32	1	1	0	600	600	0
1/21/2024 12:09	42701 AUGU_T1	0	4	4	0	0.57	0.57	0	0	1	1	0	600	600	0
1/21/2024 12:10	67402 WAKE_T2	0	0	0	0	0	0	-0.29	-0.32	1	1	0	600	600	0
1/21/2024 12:10	42701 AUGU_T1	0	4	4	0	0.57	0.57	0	0	1	1	0	600	600	0
1/21/2024 12:12	42701 AUGU_T1	0	4	4	0	0.57	0.57	0	0	1	1	0	600	600	0
1/21/2024 12:13	26402 INOR_T1	0	0	0	0	0	0	-1.03	-1.06	1	1	0	600	600	0
1/21/2024 12:14	11104 EGYP_T1	4	2	-2	0.38	0.4	0.02	0	0	0	0	0	0	0	0
1/21/2024 12:14	52002 LING_T2	0	0	0	0	0	0	0.05	0.08	0	0	0	0	0	0
1/21/2024 12:15	52002 LING_T2	0	0	0	0	0	0	0.05	0.08	0	0	0	0	0	0
1/21/2024 12:15	26401 INOR_T1	1	0	-1	0.4	0	-0.4	0.66	0.65	0	0	0	0	0	0
1/21/2024 12:15	67402 WAKE_T2	0	0	0	0	0	0	-0.29	-0.32	1	1	0	600	600	0
1/21/2024 12:16	52004 LING_T2	2	1	-1	0.3	0.2	-0.1	0	0	0	0	0	0	0	0
1/21/2024 12:16	64801 MONE_T2	0	0	0	0	0	0	-0.43	-0.44	0	0	0	0	0	0
1/21/2024 12:18	26402 INOR_T1	0	0	0	0	0	0	-1.03	-1.06	1	1	0	600	600	0
1/21/2024 12:18	52004 LING_T2	2	1	-1	0.3	0.2	-0.1	0	0	0	0	0	0	0	0
1/21/2024 12:22	46005 BERW_T1	0	11	11	0	0	0	0	0	0	0	0	0	0	0
1/21/2024 12:23	46005 BERW_T1	0	11	11	0	0	0	0	0	0	0	0	0	0	0
1/21/2024 12:26	60801 BUCK_T1	0	0	0	0	0	0	-0.84	-0.83	1	1	0	600	600	0
1/21/2024 12:31	42902 MIDD_T2	38	80	42	0.27	0.45	0.18	-0.57	-0.57	0	0	0	0	0	0
1/21/2024 12:32	42902 MIDD_T2	38	80	42	0.27	0.45	0.18	-0.57	-0.57	0	0	0	0	0	0
1/21/2024 12:33	42901 MIDD_T2	36	117	81	0.17	0.34	0.17	0	0	0	0	0	0	0	0
1/21/2024 12:34	42902 MIDD_T2	38	80	42	0.27	0.45	0.18	-1.13	-1.13	0	0	0	0	0	0
1/21/2024 12:34	42903 MIDD_T2	10	58	48	0.6	0.31	-0.29	-0.29	-0.23	0	0	0	0	0	0
1/21/2024 12:35	42903 MIDD_T2	10	58	48	0.6	0.31	-0.29	0	0	0	0	0	0	0	0
1/21/2024 12:36	14402 SSLA_T1	1	1	0	1.5	1.2	-0.3	0	0	0	0	0	0	0	0
1/21/2024 12:39	14403 SSLA_T1	2	0	-2	0.4	0	-0.4	0.27	0.22	1	1	0	600	600	0
1/21/2024 12:45	42902 MIDD_T2	56	102	46	0.38	0.48	0.1	0	0	0	0	0	0	0	0
1/21/2024 12:53	45302 WBER_T2	1	1	0	0.5	0	-0.5	1.64	1.58	0	0	0	0	0	0
1/21/2024 13:02	42901 MIDD_T2	112	219	107	0.35	0.34	-0.01	0	0	0	0	0	0	0	0
1/21/2024 13:04	63203 MGTN_T1	0	0	0	0	0	0	-0.2	-0.2	1	1	0	600	600	0
1/21/2024 13:08	58003 WCAR_T1	0	0	0	0	0	0	-0.12	-0.07	1	1	0	600	600	0
1/21/2024 13:09	14802 TREI_T2	1	1	0	0.4	0.3	-0.1	1.04	1.04	0	0	0	0	0	0
1/21/2024 13:11	58003 WCAR_T1	0	0	0	0	0	0	-0.07	-0.07	1	1	0	600	600	0
1/21/2024 13:20	63203 MGTN_T1	0	0	0	0	0	0	-0.2	-0.22	1	1	0	600	600	0
1/21/2024 13:23	44301 BEAV_T2	12	10	-2	0.7	0.54	-0.16	0	0	0	0	0	0	0	0
1/21/2024 13:24	46004 BERW_T2	1	1	0	0.1	0	-0.1	-0.67	-0.68	0	0	0	0	0	0
1/21/2024 13:24	67201 TEHI_T1	0	9	9	0	0.13	0.13	-0.15	-0.09	0	0	0	0	0	0
1/21/2024 13:25	43001 ALWD_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1/21/2024 13:26	46004 BERW_T2	1	1	0	0.1	0	-0.1	-0.67	-0.68	0	0	0	0

1/21/2024 14:13	46001 BERW_T1	0	0	0	0	0	0	0.83	0.83	0	0	0	0	0	0
1/21/2024 14:13	56801 BENV_T1	15	7	-8	0.64	0.41	-0.23	-0.53	-0.57	1	1	0	600	600	0
1/21/2024 14:13	56802 BENV_T2	1	1	0	0.1	0.2	0.1	-2.69	-2.6	0	0	0	0	0	0
1/21/2024 14:13	51603 DUKE_T1	0	0	0	0	0	0	-0.15	-0.17	0	0	0	0	0	0
1/21/2024 14:16	67402 WAKE_T2	0	0	0	0	0	0	-0.32	-0.32	1	1	0	600	600	0
1/21/2024 14:16	42903 MIDD_T2	46	44	-2	2.11	2.08	-0.03	-0.18	-0.16	0	0	0	0	0	0
1/21/2024 14:16	65503 MOJO_T2	0	0	0	0	0	0	-0.6	-0.56	0	0	0	0	0	0
1/21/2024 14:16	42002 MNVL_T2	1	1	0	7	7.2	0.2	-0.78	-0.74	0	0	0	0	0	0
1/21/2024 14:17	41002 LAUR_T2	4	2	-2	0.6	0.7	0.1	-0.98	-0.97	0	0	0	0	0	0
1/21/2024 14:17	43202 MVIL_T2	0	0	0	0	0	0	-1.22	-1.22	0	0	0	0	0	0
1/21/2024 14:17	47401 PENS_T1	0	0	0	0	0	0	0.77	0.66	0	0	0	0	0	0
1/21/2024 14:18	43202 MVIL_T2	0	0	0	0	0	0	-0.61	-0.61	0	0	0	0	0	0
1/21/2024 14:18	65901 SAKR_T2	1	1	0	8	8.2	0.2	-1.26	-1.19	1	1	0	900	900	0
1/21/2024 14:18	58302 NOTT_T1	0	0	0	0	0	0	0.18	0.18	0	0	0	0	0	0
1/21/2024 14:18	47401 PENS_T1	0	0	0	0	0	0	1.55	1.32	0	0	0	0	0	0
1/21/2024 14:19	43201 MVIL_T2	0	0	0	0	0	0	-0.33	-0.35	0	0	0	0	0	0
1/21/2024 14:19	42902 MIDD_T2	74	62	-12	0.43	0.34	-0.09	0	0	0	0	0	0	0	0
1/21/2024 14:19	47401 PENS_T1	0	0	0	0	0	0	0.77	0.66	0	0	0	0	0	0
1/21/2024 14:20	65503 MOJO_T2	0	0	0	0	0	0	-0.6	-0.56	0	0	0	0	0	0
1/21/2024 14:20	42903 MIDD_T2	46	44	-2	2.11	2.08	-0.03	-0.18	-0.16	0	0	0	0	0	0
1/21/2024 14:20	47401 PENS_T1	0	0	0	0	0	0	0.77	0.66	0	0	0	0	0	0
1/21/2024 14:21	67402 WAKE_T2	0	0	0	0	0	0	-0.32	-0.32	1	1	0	600	600	0
1/21/2024 14:21	42002 MNVL_T2	1	1	0	7	7.2	0.2	-0.78	-0.74	0	0	0	0	0	0
1/21/2024 14:21	47401 PENS_T1	0	0	0	0	0	0	0.77	0.66	0	0	0	0	0	0
1/21/2024 14:21	14402 SSLA_T1	0	1	1	0	0	0	0	0	0	0	0	0	0	0
1/21/2024 14:21	57401 SPAN_T1	0	0	0	0	0	0	-2.76	-2.62	2	2	0	1200	1200	0
1/21/2024 14:21	65001 NEFF_T2	0	0	0	0	0	0	-1.18	-1.19	1	1	0	1200	1200	0
1/21/2024 14:21	67204 TEHI_T2	0	0	0	0	0	0	-0.16	0.17	0	0	0	0	0	0
1/21/2024 14:22	16302 ALPA_T2	0	0	0	0	0	0	-0.77	-0.79	0	0	0	0	0	0
1/21/2024 14:22	47401 PENS_T1	0	0	0	0	0	0	0.77	0.66	0	0	0	0	0	0
1/21/2024 14:23	57401 SPAN_T1	0	0	0	0	0	0	-1.38	-1.31	1	1	0	600	600	0
1/21/2024 14:23	46001 BERW_T1	0	0	0	0	0	0	0.83	0.83	0	0	0	0	0	0
1/21/2024 14:23	16302 ALPA_T2	0	0	0	0	0	0	-0.77	-0.79	0	0	0	0	0	0
1/21/2024 14:23	65901 SAKR_T2	1	1	0	8	8.2	0.2	-1.26	-1.19	1	1	0	900	900	0
1/21/2024 14:23	43001 ALWD_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1/21/2024 14:24	14402 SSLA_T1	0	1	1	0	0	0	0	0	0	0	0	0	0	0
1/21/2024 14:24	67402 WAKE_T2	0	0	0	0	0	0	-0.32	-0.34	1	1	0	600	600	0
1/21/2024 14:24	57401 SPAN_T1	0	0	0	0	0	0	-1.31	-1.35	1	1	0	600	600	0
1/21/2024 14:24	46004 BERW_T2	1	1	0	0.8	0	-0.8	-0.67	-0.69	0	0	0	0	0	0
1/21/2024 14:24	43001 ALWD_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1/21/2024 14:24	46001 BERW_T1	0	0	0	0	0	0	0.83	0.83	0	0	0	0	0	0
1/21/2024 14:25	10805 CHHI_T2	7	10	3	2.6	2.61	0.01	-1.02	-0.95	0	0	0	0	0	0
1/21/2024 14:25	61801 EELI_T2	0	0	0	0	0	0	-0.22	-0.25	0	0	0	0	0	0
1/21/2024 14:25	67204 TEHI_T2	0	0	0	0	0	0	0.17	0.16	0	0	0	0	0	0
1/21/2024 14:25	16302 ALPA_T2	0	0	0	0	0	0	-0.79	-0.78	0	0	0	0	0	0
1/21/2024 14:26	67402 WAKE_T2	0	0	0	0	0	0	-0.32	-0.34	1	1	0	600	600	0
1/21/2024 14:26	46004 BERW_T2	1	1	0	0.8	0	-0.8	-0.67	-0.69	0	0	0	0	0	0
1/21/2024 14:26	61102 BERK_T5	0	0	0	0	0	0	0.78	0.42	1	1	0	300	300	0
1/21/2024 14:27	10801 CHHI_T1	1	1	0	0.3	0.3	0	-0.83	-0.79	1	1	0	900	900	0
1/21/2024 14:28	16302 ALPA_T2	0	0	0	0	0	0	-0.79	-0.78	0	0	0	0	0	0
1/21/2024 14:29	43001 ALWD_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1/21/2024 14:29	65001 NEFF_T2	0	0	0	0	0	0	-1.19	-1.27	1	1	0	1200	1200	0
1/21/2024 14:30	64404 LAND_T2	21	16	-5	0.14	0.11	-0.03	0	0	0	0	0	0	0	0
1/21/2024 14:31	42902 MIDD_T2	62	34	-28	0.33	0.26	-0.07	0	0	0	0	0	0	0	0
1/21/2024 14:32	42903 MIDD_T2	44	44	0	2.07	1.97	-0.1	-0.16	-0.23	0	0	0	0	0	0
1/21/2024 14:32	65001 NEFF_T2	0	0	0	0	0	0	-1.19	-1.27	1	1	0	1200	1200	0
1/21/2024 14:32	47401 PENS_T1	0	0	0	0	0	0	0.66	0.62	0	0	0	0	0	0
1/21/2024 14:32	64801 MONE_T2	0	0	0	0	0	0	-0.46	-0.46	0	0	0	0	0	0
1/21/2024 14:33	43202 MVIL_T2	0	0	0	0	0	0	-1.22	-1.3	0	0	0	0	0	0
1/21/2024 14:33	47401 PENS_T1	0	0	0	0	0	0	0.66	0.62	0	0	0	0	0	0
1/21/2024 14:34	42901 MIDD_T2	69	30	-39	0.22	0.15	-0.07	0	0	0	0	0	0	0	0
1/21/2024 14:34	47401 PENS_T1	0	0	0	0	0	0	1.99	1.85	0	0	0	0	0	0
1/21/2024 14:34	14403 SSLA_T1	0	1	1	0	0	0	0.84	0.84	0	0	0	0	0	0
1/21/2024 14:34	43202 MVIL_T2	0	0	0	0	0	0	-0.61	-0.65	0	0	0	0	0	0
1/21/2024 14:35	13701 SCHN_T2	1	0	-1	0.1	0	-0.1	0	0	0	0	0	0	0	0
1/21/2024 14:35	42902 MIDD_T2	62	34	-28	0.33	0.26	-0.07	-0.55	-0.54	0	0	0	0	0	0
1/21/2024 14:35	65001 NEFF_T2	0	0	0	0	0	0	-1.19	-1.27	1	1	0	1200	1200	0
1/21/2024 14:35	43201 MVIL_T2	0	0	0	0	0	0	-0.35	-0.33	0	0	0	0	0	0
1/21/2024 14:35	47401 PENS_T1	0	0	0	0	0	0	1.32	1.23	0	0	0	0	0	0
1/21/2024 14:35	56504 ROCK_T2	0	0	0	0	0	0	0.05	0.04	0	0	0	0	0	0
1/21/2024 14:36	57401 SPAN_T1	0	0	0	0	0	0	-1.31	-1.35	1	1	0	600	600	0
1/21/2024 14:36	67605 WARW_T1	0	0	0	0	0	0	-1.18	-1.18	0	0	0	0	0	0
1/21/2024 14:36	47401 PENS_T1	0	0	0	0	0	0	1.32	1.23	0	0	0	0	0	0
1/21/2024 14:36	56501 ROCK_T2	176	175	-1	0.25	0.21	-0.04	-2.27	-2.28	0	0	0	0	0	0
1/21/2024 14:37	13701 SCHN_T2	1	0	-1	0.1	0	-0.1	0	0	0	0	0	0	0	0
1/21/2024 14:37	49803 UNIV_T1	0	0	0	0	0	0	-1.03	-1	0	0	0	0	0	0
1/21/2024 14:37	67502 WEWI_T2	0	0	0	0	0	0	-2.75	-2.73	2	2	0	1800	1800	0
1/21/2024 14:37	67503 WEWI_T2	1	0	-1	0.8	0	-0.8	0.07	0.08	0	0	0	0	0	0
1/21/2024 14:37	47401 PENS_T1	0	0	0	0	0	0	0.66	0.62	0	0	0	0	0	0
1/21/2024 14:37	14402 SSLA_T1	1	0	-1	0.5	0	-0.5	0	0	0	0	0	0	0	0
1/21/2024 14:37	67402 WAKE_T2	0	0	0	0	0	0	-0.32	-0.34	1	1	0	600	600	0
1/21/2024 14:37	57401 SPAN_T1	0	0	0	0	0	0	-2.62	-2.69	2	2	0	1200	1200	0
1/21/2024 14:37	42901 MIDD_T2	69	30	-39	0.22	0.15	-0.07	0	0	0	0	0	0	0	0
1/21/2024 14:37	42701 AUGU_T1	2	2	0	0.2	0.1	-0.1	0	0	1	1	0	600	600	0
1/21/2024 14:38	57401 SPAN_T1	0	0	0	0	0	0	-1.31	-1.35	1	1	0	600	600	0
1/21/2024 14:38	46004 BERW_T2	0	1	1	0	0.3	0.3	-0.67	-0.69	0	0	0	0	0	0
1/21/2024 14:38	16302 ALPA_T2	0	0	0	0	0	0	-1.58	-1.56	0	0	0	0	0	0
1/21/2024 14:38	57403 SPAN_T1	0	0	0	0	0	0	0.31	0.29	0	0	0	0	0	0
1/21/2024 14:39	42701 AUGU_T1	2	2	0	0.2	0.1	-0.1	0	0	1	1	0	600	600	0
1/21/2024 14:39	43001 ALWD_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1/21/2024 14:39	67503 WEWI_T2	1	0	-1	0.8	0	-0.8	0.15	0.18	0	0	0	0	0	0
1/21/2024 14:39	67402 WAKE_T2	0	0	0	0	0	0	-0.34	-0.33	1	1	0	600	600	0
1/21/2024 14:39	67502 WEWI_T2	0	0	0	0	0	0	-1.37	-1.34	1	1	0	900	900	0
1/21/2024 14:39	46001 BERW_T1	0	0	0	0	0	0	0.83	0.78	0	0	0	0	0	0
1/21/2024 14:39	46004 BERW_T2	0	1	1	0	0.3	0.3	-0.69	-0.68	0	0	0	0	0	0
1/21/2024 14:39	16302 ALPA_T2	0	0	0	0	0	0	-0.78	-0.8	0	0	0	0	0	0
1/21/2024 14:39	55105 WERT_T1	0	0	0	0	0	0	-0.48	-0.51	1	1	0	900	900	0
1/21/2024 14:40	46001 BERW_T1	0	0	0	0	0	0	0.83	0.78	0	0	0	0	0	0
1/21/2024 14:40	10805 CHHI_T2	7	11	4	2.61	2.87	0.26	-0.47	-0.52	0	0	0	0	0	0
1/21/2024 14:40	57401 SPAN_T1	0	0	0	0	0	0	-1.35	-1.36	1	1	0	600	600	0
1/21/2024 14:40	60201 ATGL_T2	0	0	0	0	0	0	0.21	0.21	0	0	0	0	0	0
1/21/2024 14:41	16302 ALPA_T2	0	0	0	0	0	0	-0.78	-0.8	0	0	0	0	0	0
1/21/2024 14:41	10805 CHHI_T2	7	11	4	2.61	2.87	0.26	-0.47	-0.52	0	0	0	0	0	0
1/21/2024 14:41	67502 WEWI_T2	0	0	0	0	0	0	-1.37	-1.34	1	1	0	900	900	0
1/21/2024 14:41	42701 AUGU_T1	2	2	0	0.2	0.1	-0.1	0	0	1	1	0	600	600	0
1/21/2024 14:41	67503 WEWI_T2	1	0	-1	0.8	0	-0.8	0.08	0.09	0	0	0	0	0	0
1/21/2024 14:41	61801 EELI_T2	0	0	0	0	0	0	-0.76	-0.73	0	0	0	0	0	0
1/21/2024 14:41	60101 COCA_T1	0	0	0	0	0	0	0.36	0.46	0	0	0	0	0	0
1/21/2024 14:42	67402 WAKE_T2	0	0	0	0	0	0	-0.34	-0.33	1	1	0	600	600	0
1/21/2024 14:42	10801 CHHI_T1	1	0	-1	0.3	0	-0.3	-0.79	-0.79	1	1	0	900	900	0
1/21/2024 14:42	53903 HALI_T2	3	2	-1	0.97	1	0.03	-0.19	-0.22	0	0	0	0	0	0
1/21/2024 14:42	46004 BERW_T2	0	1	1	0	0.3	0.3	-0.69	-0.68	0	0	0	0	0	0
1/21/2024 14:43	60101 COCA_T1	0	0	0	0	0	0	0.36	0.46	0	0	0	0	0	0
1/21/2024 14:44	56501 ROCK_T2	176	175	-1	0.25	0.21	-0.04	-2.28	-2.28	0	0	0	0	0	0
1/21/2024 14:44	43001 ALWD_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1/21/2024 14:45	28805 LAKE_T1	0	0	0	0	0	0	-0.18	-0.18	0	0	0	0	0	0
1/21/2024 14:45	53903 HALI_T2	2	3	1	1	0.73	-0.27	-0.19	-0.22	0	0	0	0	0	0
1/21/2024 14:46	42902 MIDD_T2	29	28	-1	0.25	0.28	0.03	0	0	0	0	0	0	0	0
1/21/2024 14:46	28805 LAKE_T1	0	0	0	0	0	0	-0.18	-0.18	0	0	0	0	0	0
1/21/2024 14:46	53901 HALI_T2	2	28	26	0.3	0.21	-0.09	0	0	0	0	0	0	0	0
1/21/2024 14:47	42902 MIDD_T2	29	28	-1	0.25	0.28	0.03	0	0	0	0	0	0	0	0
1/21/2024 14:47	47401 PENS_T1	0	0	0	0	0	0	0.62	0.63	0	0	0	0	0	0
1/21/2024 14:47	65001 NEFF_T2	0	0	0	0	0	0	-1.27	-1.23	1	1	0	1200	1200	0
1/21/2024 14:47	58402 MORO_T1	0	0	0	0	0	0	-0.47	-0.41	2	2	0	1500	1500	0
1/21/2024 14:48	53903 HALI_T2	2	3	1	1	0.73	-0.27	-0.19	-0.22	0	0	0	0	0	0
1/21/2024 14:48	55002 NEWP_T1	5	4	-1	0.36	0.38	0.02	-0.15	-0.17	0	0	0	0	0	0
1/21/2024 14:48	47401 PENS_T1	0	0	0	0	0	0	1.23	1.27	0	0	0	0	0	0
1/21/2024 14:49	43202 MVIL_T2	0	0	0	0	0	0	-1.3	-1.3	0	0	0	0	0	0
1/21/2024 14:49	47403 PENS_T1	0	1	1	0	2.2	2.2	0	0	0	0	0	0	0	0
1/21/2024 14:49	65901 SAKR_T2	1	1	0	7.8	7.9	0.1	-1.17	-1.23	1	1	0	900	900	0
1/21/2024 14:49	46901 MNTG_T2	0	0	0	0	0	0	0.93	0.73	0	0	0	0	0	0
1/21/2024 14:50	47403 PENS_T1	0	1	1	0	2.2	2.2	0	0	0	0	0	0	0	0
1/21/2024 14:50	42903 MIDD_T2	44	30	-14	1.97	0.62	-1.35	-0.23	-0.14	0	0	0	0	0	0
1/21/2024 14:50	65901 SAKR_T2	1	1	0	7.8	7.9	0.1	-1.17	-1.23	1	1	0	900	900	0
1/21/2024 14:50	43202 MVIL_T2	0	0	0	0	0	0	-0.65	-0.65	0	0	0	0	0	0
1/21/2024 14:51	43201 MVIL_T2	0	0	0	0	0	0	-0.33	-0.33	0	0	0	0	0	0
1/21/2024 14:51	42902 MIDD_T2	29	28	-1	0.25	0.28	0.03	-0.54	-0.53	0	0	0	0	0	0
1/21/2024 14:51	65001 NEFF_T2	0	0	0	0	0	0	-1.27	-1.23	1	1	0	1200	1200	0
1/21/2024 14:52	47401 PENS_T1	0	0	0	0	0	0	0.62	0.63	0	0	0	0	0	0
1/21/2024 14:52	67402 WAKE_T2	0	0	0	0	0	0	-0.34	-0.33	1	1	0	600	600	0
1/21/2024 14:52	49803 UNIV_T1	0	0	0	0	0	0	-1	-0.95	0	0	0	0	0	0
1/21/2024 14:52	59101 WALK_T2	0	0	0	0	0	0	0.98	0.53	1	0	-1	450	0	-450
1/21/2024 14:52	67503 WEWI_T2	0	0	0	0	0	0	0.08	0.09	0	0	0	0	0	0
1/21/2024 14:53	59101 WALK_T2	0	0	0	0	0	0	0.98	0.53	1	0	-1	450	0	-450
1/21/2024 14:54	67901 WNHO_T2	33	33	0	0.25	0.24	-0.01	-0.61	-0.62	0	0	0	0	0	0
1/21/2024 14:55	59101 WALK_T2	0	0	0	0	0	0	0.53	0.89	1	0	-1	450	0	-450
1/21/2024 14:55	67503 WEWI_T2	0	0	0	0	0	0	0.09	0.07	0	0	0	0	0	0
1/21/2024 14:55	43001 ALWD_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1/21/2024 14:56	67503 WEWI_T2	0	0	0	0	0	0	0.09	0.07	0	0	0	0	0	0
1/21/2024 14:57	67402 WAKE_T2	0	0	0	0	0	0	-0.33	-0.32	1	1	0	600	600	0
1/21/2024 15:00	43001 ALWD_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1/21/2024 15:05	63201 MGTN_T2	0	0	0	0	0	0	0.23	0.2	1	1	0	600	600	0
1/21/2024 15:06	59101 WALK_T2	0	1	1	0	0	0	0.53	0.89	0	0	0	0	0	0
1/21/2024 15:08	67402 WAKE_T2	0	0	0	0	0	0	-0.33	-0.32	1	1	0	600	600	0
1/21/2024 15:08	59101 WALK_T2	0	1	1	0	0	0	0.53	0.89	0	0	0	0	0	0
1/21/2024 15:08	56801 BENV_T1	0	2	2	0	2.6	2.6	0	0	0	0	0	0	0	0
1/21/2024 15:09	59101 WALK_T2	0	1	1	0	0	0	0.89	1.25	0	0	0	1	0	0
1/21/2024 15:09	60101 COCA_T1	0	0	0	0	0	0	0.48	0.38	0	0	0	0	0	0
1/21/2024 15:09	56801 BENV_T1	1	1	0	0.1	0.5	0.4	-1.1	-1.06	2	2	0	1200	1200	0
1/21/2024 15:09	49803 UNIV_T1	0	0	0	0	0	0	-0.99	-1.01	0	0	0	0	0	0
1/21/2024 15:10	56801 BENV_T1	1	1	0	0.1	0.5	0.4	-2.2	-2.12	4	4	0	2400	2400	0
1/21/2024 15:10	56802 BENV_T2	0	0	0	0	0	0	-3.96	-4.02	0	0	0	0	0	0
1/21/2024 15:11	56801 BENV_T1	1	1	0	0.1	0.5	0.4	-0.55	-0.53	1	1	0	600	600	0
1/21/2024 15:11	43001 ALWD_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1/21/2024 15:13	56803 BENV_T1	0	2	2	0	2.6	2.6	0	0	0	0	0	0	0	0
1/21/2024 15:13	56802 BENV_T2	0	0	0	0	0	0	-1.32	-1.34	0	0	0	0	0	0
1/21/2024 15:13	60101 COCA_T1	0	0	0	0	0	0	0.48	0.38	0	0	0	0	0	0
1/21/2024 15:13	67402 WAKE_T2	0	0	0	0	0	0	-0.32	-0.31	1	1	0	600	600	0
1/21/2024 15:14	56802 BENV_T2	0	0	0	0	0	0	-1.32	-1.34	0	0	0	0	0	0
1/21/2024 15:16	43001 ALWD_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1/21/2024 15:20	55002 NEWP_T1	4	5	1	0.25	0.34	0.09	-0.16	-0.18	0	0	0	0	0	0
1/21/2024 15:22	65001 NEFF_T2	0	0	0	0	0	0	-1.24	-1.23	1	1	0	1200	1200	0
1/21/2024 15:24	67402 WAKE_T2	0	0	0	0	0	0	-0.31	-0.32	1	1	0	600	600	0
1/21/2024 15:24	49803 UNIV_T1	0	0	0	0	0	0	-1.01	-1.02	0	0	0	0	0	0
1/21/2024 15:26	62606 ENGL_T1	4	3	-1	0.45	0	-0.45	0	0	0	0	0	0	0	0
1/21/2024 15:27	62606 ENGL_T1	4	3	-1	0.45	0	-0.45	0	0	0	0	0	0	0	0
1/21/2024 15:28	62606 ENGL_T1	4	3	-1	0.45	0	-0.45	0	0	0	0	0	0	0	0
1/21/2024 15:28	43001 ALWD_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1/21/2024 15:29	67402 WAKE_T2	0	0	0	0	0	0	-0.31	-0.32	1	1	0	600	600	0

Appendix C - Grid Benefits Achieved in Each Instance of Active Management

1/21/2024 17:24	17805 GILB_T2	0	1	1	0	0	0	-0.49	-0.51	0	0	0	0	0	0
1/21/2024 17:27	67503 WEWI_T2	0	2	2	0	0	0	0.16	0.18	0	0	0	0	0	0
1/21/2024 17:34	43103 SMIL_T2	0	1	1	0	0	0	0	0	0	0	0	0	0	0
1/21/2024 17:36	43101 SMIL_T2	1	1	0	2.7	3.4	0.7	0	0	0	0	0	0	0	0
1/21/2024 17:36	55001 NEWP_T1	2	0	-2	0.15	0	-0.15	0	0	0	0	0	0	0	0
1/21/2024 17:39	43104 SMIL_T2	0	1	1	0	0.2	0.2	-0.64	-0.63	1	1	0	300	300	0
1/21/2024 17:42	64204 KINZ_T1	0	1	1	0	0.5	0.5	0	0	0	0	0	0	0	0
1/21/2024 17:44	65001 NEFF_T2	0	0	0	0	0	0	-1.16	-1	1	1	0	1200	1200	0
1/21/2024 17:46	64801 MONE_T2	0	0	0	0	0	0	-0.33	-0.29	0	0	0	0	0	0
1/21/2024 17:48	56802 BENV_T2	0	0	0	0	0	0	-1.18	-1.15	0	0	0	0	0	0
1/21/2024 17:52	55002 NEWP_T1	3	4	1	0.33	0.5	0.17	-0.12	-0.15	0	0	0	0	0	0
1/21/2024 17:56	67503 WEWI_T2	0	0	0	0	0	0	0.21	0.26	0	0	0	0	0	0
1/21/2024 17:58	67502 WEWI_T2	0	0	0	0	0	0	-1.29	-1.27	0	1	1	0	900	900
1/21/2024 18:02	17803 GILB_T2	2	14	12	1.5	1.45	-0.05	0	0	0	0	0	0	0	0
1/21/2024 18:08	16302 ALPA_T2	5	5	0	1.3	0.35	-0.95	-0.65	-0.68	0	0	0	0	0	0
1/21/2024 18:09	45302 WBER_T2	18	12	-6	0.67	1.09	0.42	1.51	1.44	0	0	0	0	0	0
1/21/2024 18:10	43103 SMIL_T2	0	1	1	0	0	0	0	0	0	0	0	0	0	0
1/21/2024 18:13	56802 BENV_T2	0	0	0	0	0	0	-1.18	-1.15	0	0	0	0	0	0
1/21/2024 18:13	52102 MEIS_T1	0	0	0	0	0	0	0	0	1	1	0	450	450	0
1/21/2024 18:16	28704 HAML_T2	0	0	0	0	0	0	-0.61	-0.61	0	0	0	0	0	0
1/21/2024 18:16	53901 HAU_T2	77	17	-60	0.31	0.15	-0.16	0	0	0	0	0	0	0	0
1/21/2024 18:17	56801 BENV_T1	0	13	13	0	0.22	0.22	-0.39	-0.39	1	1	0	600	600	0
1/21/2024 18:17	47401 PENS_T1	0	0	0	0	0	0	0.8	0.81	0	0	0	0	0	0
1/21/2024 18:18	55002 NEWP_T1	4	0	-4	0.5	0	-0.5	-0.12	-0.15	0	0	0	0	0	0
1/21/2024 18:19	57401 SPAN_T1	0	0	0	0	0	0	-1.1	-1.09	1	1	0	600	600	0
1/21/2024 18:21	43108 SMIL_T2	1	1	0	0.7	0.5	-0.2	0	0	0	0	0	0	0	0
1/21/2024 18:22	56803 BENV_T1	0	1	1	0	0.5	0.5	0	0	0	0	0	0	0	0
1/21/2024 18:26	65001 NEFF_T2	0	0	0	0	0	0	-1.16	-1.22	1	1	0	1200	1200	0
1/21/2024 18:29	17805 GILB_T2	0	0	0	0	0	0	-0.47	-0.45	0	0	0	0	0	0
1/21/2024 18:29	64101 REFR_T1	0	0	0	0	0	0	0.12	0.1	0	0	0	0	0	0
1/21/2024 18:31	16103 BING_T2	1	2	1	0.3	0.25	-0.05	0	0	0	0	0	0	0	0
1/21/2024 18:31	61301 EARL_T1	0	0	0	0	0	0	-0.37	-0.44	1	1	0	900	900	0
1/21/2024 18:31	60201 ATGL_T2	0	0	0	0	0	0	-0.54	-0.61	2	2	0	900	900	0
1/21/2024 18:34	57401 SPAN_T1	0	0	0	0	0	0	-1.09	-1.11	1	1	0	600	600	0
1/21/2024 18:35	53901 HAU_T2	1	17	16	0.1	0.15	0.05	0	0	0	0	0	0	0	0
1/21/2024 18:36	43202 MVIL_T2	0	1	1	0	0	0	0	0	0	0	0	0	0	0
1/21/2024 18:37	46903 MNTG_T2	0	0	0	0	0	0	-0.14	-0.12	1	1	0	600	600	0
1/21/2024 18:39	46302 ROHR_T1	1	11	10	0.4	0.3	-0.1	0	0	0	0	0	0	0	0
1/21/2024 18:40	62604 ENGL_T1	0	0	0	0	0	0	-1.69	-1.67	1	1	0	600	600	0
1/21/2024 18:44	53903 HAU_T2	0	2	2	0	0.9	0.9	0	0	0	0	0	0	0	0
1/21/2024 18:44	49803 UNIV_T1	1	1	0	0.4	0	-0.4	-0.82	-0.87	0	0	0	0	0	0
1/21/2024 18:44	66703 STRA_T1	8	16	8	0.94	1.24	0.3	-0.09	-0.1	0	0	0	0	0	0
1/21/2024 18:46	67204 TEHI_T2	0	1	1	0	0	0	-0.06	-0.05	0	0	0	0	0	0
1/21/2024 18:46	56803 BENV_T1	1	5	4	0.5	0.4	-0.1	0	0	0	0	0	0	0	0
1/21/2024 18:47	53901 HAU_T2	17	15	-2	0.15	0.13	-0.02	-1.33	-1.34	0	0	0	0	0	0
1/21/2024 18:47	45501 DERR_T2	1	8	7	0.4	0.2	-0.2	0.46	0.39	1	1	0	600	600	0
1/21/2024 18:50	16302 ALPA_T2	2	0	-2	0.3	0	-0.3	-0.65	-0.66	0	0	0	0	0	0
1/21/2024 18:53	57401 SPAN_T1	0	0	0	0	0	0	-1.11	-1.11	1	1	0	600	600	0
1/21/2024 18:53	56801 BENV_T1	9	10	1	0.34	0.45	0.11	0	0	0	0	0	0	0	0
1/21/2024 18:54	27101 SALD_T2	4	5	1	0.68	0.9	0.22	-0.43	-0.44	1	1	0	600	600	0
1/21/2024 18:54	67204 TEHI_T2	0	1	1	0	0	0	-0.05	-0.07	0	0	0	0	0	0
1/21/2024 18:55	56802 BENV_T2	0	0	0	0	0	0	-1.2	-1.16	0	0	0	0	0	0
1/21/2024 18:56	62605 ENGL_T1	0	1	1	0	0	0	0	0	0	0	0	0	0	0
1/21/2024 18:56	13704 SCHN_T2	0	1	1	0	0.2	0.2	-0.66	-0.67	0	0	0	0	0	0
1/21/2024 18:57	65001 NEFF_T2	0	0	0	0	0	0	-0.98	-1.2	1	1	0	1200	1200	0
1/21/2024 18:58	42701 AUGU_T1	28	19	-9	0.68	0.61	-0.07	0	0	1	1	0	600	600	0
1/21/2024 18:58	56803 BENV_T1	1	5	4	0.5	0.4	-0.1	0	0	0	0	0	0	0	0
1/21/2024 18:59	28805 LAKE_T1	0	0	0	0	0	0	-0.16	-0.16	0	0	0	0	0	0
1/21/2024 18:59	26401 INOR_T1	14	11	-3	0.46	0.65	0.19	0.77	0.74	0	0	0	0	0	0
1/21/2024 18:59	58402 MORO_T1	0	0	0	0	0	0	-0.58	-0.56	3	3	0	1950	1950	0
1/21/2024 18:59	56504 ROCK_T2	0	5	5	0	0	0	0	0	0	0	0	0	0	0
1/21/2024 19:00	14403 SSLA_T1	4	2	-2	0.43	0.2	-0.23	0.47	0.45	1	1	0	600	600	0
1/21/2024 19:00	56501 ROCK_T2	56	123	67	0.25	0.19	-0.06	-2.12	-2.09	0	0	0	0	0	0
1/21/2024 19:00	65503 MOJO_T2	0	0	0	0	0	0	-0.51	-0.49	0	0	0	0	0	0
1/21/2024 19:01	16302 ALPA_T2	0	0	0	0	0	0	-0.66	-0.68	0	0	0	0	0	0
1/21/2024 19:01	16401 MOPO_T1	6	6	0	0.67	0.1	-0.57	0	0	0	0	0	0	0	0
1/21/2024 19:02	28805 LAKE_T1	0	0	0	0	0	0	-0.16	-0.16	0	0	0	0	0	0
1/21/2024 19:02	57401 SPAN_T1	0	0	0	0	0	0	-1.11	-1.07	1	1	0	600	600	0
1/21/2024 19:03	11101 EGYP_T1	0	1	1	0	0	0	0	0	0	0	0	0	0	0
1/21/2024 19:03	10602 BLGL_T2	2	2	0	3	5.5	2.5	0.6	0.57	0	0	0	0	0	0
1/21/2024 19:03	44905 SCOT_T1	104	126	22	2.23	2.35	0.12	0	0	0	0	0	0	0	0
1/21/2024 19:04	62606 ENGL_T1	3	1	-2	0.4	0	-0.4	0	0	0	0	0	0	0	0
1/21/2024 19:04	44901 SCOT_T2	0	0	0	0	0	0	-1.25	-1.16	0	0	0	0	0	0
1/21/2024 19:04	46004 BERW_T2	4	12	8	0.93	0.53	-0.4	-0.62	-0.62	0	0	0	0	0	0
1/21/2024 19:05	28701 HAML_T2	1	5	4	0.4	0.25	-0.15	0	0	0	0	0	0	0	0
1/21/2024 19:05	56803 BENV_T1	2	5	3	1.85	0	-1.85	0.27	0.26	0	0	0	0	0	0
1/21/2024 19:05	46004 BERW_T2	4	12	8	0.93	0.53	-0.4	-0.62	-0.62	0	0	0	0	0	0
1/21/2024 19:05	57303 MOAL_T2	1	1	0	9.1	8.3	-0.8	0	0	0	0	0	0	0	0
1/21/2024 19:05	44905 SCOT_T1	104	126	22	2.23	2.35	0.12	0	0	0	0	0	0	0	0
1/21/2024 19:06	17803 GILB_T2	3	2	-1	0.67	0.7	0.03	0	0	0	0	0	0	0	0
1/21/2024 19:06	59101 WALK_T2	0	0	0	0	0	0	0.75	0.61	2	2	0	1050	1050	0
1/21/2024 19:06	66504 SMAN_T2	0	0	0	0	0	0	-1.14	-1.17	1	1	0	1200	1200	0
1/21/2024 19:06	45501 DERR_T2	2	9	7	0.45	0.65	0.2	0.39	0.43	1	1	0	600	600	0
1/21/2024 19:07	46903 MNTG_T2	0	0	0	0	0	0	-0.14	-0.07	1	1	0	600	600	0
1/21/2024 19:07	65901 SAKR_T2	1	1	0	7.7	7.8	0.1	-1.17	-1.21	1	1	0	900	900	0
1/21/2024 19:07	67503 WEWI_T2	0	2	2	0	0	0	0.18	0.21	0	0	0	0	0	0
1/21/2024 19:08	52102 MEIS_T1	0	0	0	0	0	0	0	0	1	1	0	450	450	0
1/21/2024 19:08	67602 WARW_T2	0	0	0	0	0	0	-0.08	-0.08	0	0	0	0	0	0
1/21/2024 19:08	62604 ENGL_T1	0	0	0	0	0	0	-1.67	-1.67	1	1	0	600	600	0
1/21/2024 19:08	56501 ROCK_T2	56	123	67	0.25	0.19	-0.06	-2.12	-2.09	0	0	0	0	0	0
1/21/2024 19:08	47403 PENS_T1	0	1	1	0	2.5	2.5	0	0	0	0	0	0	0	0
1/21/2024 19:08	10805 CHHI_T2	7	7	0	2.76	2.64	-0.12	-2	-1.86	2	2	0	1200	1200	0
1/21/2024 19:09	11102 EGYP_T1	0	7	7	0	0	0	0	0	0	0	0	0	0	0
1/21/2024 19:09	17802 GILB_T1	0	1	1	0	0	0	0.68	0.55	0	0	0	0	0	0
1/21/2024 19:09	56803 BENV_T1	2	5	3	1.85	0	-1.85	0	0	0	0	0	0	0	0
1/21/2024 19:09	44802 EDAN_T2	0	0	0	0	0	0	-3.39	-3.37	1	1	0	1200	1200	0
1/21/2024 19:09	61101 BERK_T5	0	0	0	0	0	0	-1.72	-1.71	0	0	0	0	0	0
1/21/2024 19:09	64101 REFR_T1	0	0	0	0	0	0	0.13	0.09	0	0	0	0	0	0
1/21/2024 19:09	16302 ALPA_T2	0	0	0	0	0	0	-0.68	-0.67	0	0	0	0	0	0
1/21/2024 19:10	17805 GILB_T2	0	3	3	0	0	0	-0.44	-0.47	0	0	0	0	0	0
1/21/2024 19:10	59101 WALK_T2	0	0	0	0	0	0	0.61	0.46	2	2	0	1050	1050	0
1/21/2024 19:10	43104 SMIL_T2	0	1	1	0	0	0	0	0	0	0	0	0	0	0
1/21/2024 19:10	52102 MEIS_T1	0	0	0	0	0	0	0	0	1	1	0	450	450	0
1/21/2024 19:10	46204 DANV_T2	117	116	-1	0.9	0.59	-0.31	0	0	0	0	0	0	0	0
1/21/2024 19:11	44905 SCOT_T1	104	126	22	2.23	2.35	0.12	0	0	0	0	0	0	0	0
1/21/2024 19:11	66504 SMAN_T2	0	0	0	0	0	0	-2.34	-2.31	2	2	0	2400	2400	0
1/21/2024 19:11	60101 COCA_T1	0	0	0	0	0	0	0.47	0.51	0	0	0	0	0	0
1/21/2024 19:11	56501 ROCK_T2	56	123	67	0.25	0.19	-0.06	-2.09	-2.09	0	0	0	0	0	0
1/21/2024 19:11	54206 PENN_T2	0	0	0	0	0	0	-0.33	-0.35	0	0	0	0	0	0
1/21/2024 19:11	53901 HAU_T2	9	17	8	0.1	0.19	0.09	-1.34	-1.33	0	0	0	0	0	0
1/21/2024 19:11	46801 HEPB_T2	2	2	0	0.75	0.8	0.05	-0.23	-0.23	0	0	0	0	0	0
1/21/2024 19:11	45302 WBER_T2	3	10	7	0.3	0.4	0.1	0.75	0.72	0	0	0	0	0	0
1/21/2024 19:12	47403 PENS_T1	0	1	1	0	2.5	2.5	0	0	0	0	0	0	0	0
1/21/2024 19:12	56501 ROCK_T2	56	123	67	0.25	0.19	-0.06	0	0	0	0	0	0	0	0
1/21/2024 19:12	46901 MNTG_T2	0	0	0	0	0	0	-0.01	0.05	0	0	0	0	0	0
1/21/2024 19:12	63203 MGTN_T1	0	0	0	0	0	0	-0.26	-0.22	1	1	0	600	600	0
1/21/2024 19:12	44801 EDAN_T2	2	2	0	1.1	1.4	0.3	0	0	0	0	0	0	0	0
1/21/2024 19:13	44802 EDAN_T2	0	0	0	0	0	0	-3.39	-3.37	1	1	0	1200	1200	0
1/21/2024 19:13	46204 DANV_T2	117	116	-1	0.9	0.59	-0.31	0	0	0	0	0	0	0	0
1/21/2024 19:13	46204 DANV_T2	117	116	-1	0.9	0.59	-0.31	0	0	0	0	0	0	0	0
1/21/2024 19:13	57403 SPAN_T1	0	0	0	0	0	0	0.27	0.31	0	0	0	0	0	0
1/21/2024 19:14	44601 SALE_T2	0	0	0	0	0	0	-0.09	-0.02	0	0	0	0	0	0
1/21/2024 19:14	47401 PENS_T1	0	0	0	0	0	0	0.76	0.75	0	0	0	0	0	0
1/21/2024 19:14	17802 GILB_T1	0	1	1	0	0	0	0.68	0.55	0	0	0	0	0	0
1/21/2024 19:14	44905 SCOT_T1	104	126	22	2.23	2.35	0.12	0	0	0	0	0	0	0	0
1/21/2024 19:14	42002 MNVL_T2	1	1	0	7.6	7.5	-0.1	-0.68	-0.64	0	0	0	0	0	0
1/21/2024 19:14	55001 NEWP_T1	0	2	2	0	0	0	0	0	0	0	0	0	0	0
1/21/2024 19:14	42902 MIDD_T2	12	29	17	0.48	0.57	0.09	0	0	0	0	0	0	0	0
1/21/2024 19:14	44802 EDAN_T2	0	0	0	0	0	0	-3.39	-3.37	1	1	0	1200	1200	0
1/21/2024 19:14	46204 DANV_T2	117	116	-1	0.9	0.59	-0.31	0	0	0	0	0	0	0	0
1/21/2024 19:14	62606 ENGL_T1	3	1	-2	0.4	0	-0.4	0	0	0	0	0	0	0	0
1/21/2024 19:14	59101 WALK_T2	0	0	0	0	0	0	0.61	0.46	2	2	0	1050	1050	0
1/21/2024 19:14	46801 HEPB_T2	2	2	0	0.75	0.8	0.05	-0.23	-0.23	0	0	0	0	0	0
1/21/2024 19:14	53903 HAU_T2	2	2	0	0.9	1	0.1	0	0	0	0	0	0	0	0
1/21/2024 19:14	65503 MOJO_T2	0	0	0	0	0	0	-0.49	-0.53	0	0	0	0	0	0
1/21/2024 19:14	67602 WARW_T2	0	0	0	0	0	0	-0.08	-0.08	0	0	0	0	0	0
1/21/2024 19:15	44801 EDAN_T2	2	1	-1	1.2	1.3	0.1	0	0	0	0	0	0	0	0
1/21/2024 19:15	53903 HAU_T2	2	2	0	1	0.85	-0.15	-0.3	-0.3	0	0	0	0	0	0
1/21/2024 19:15	42903 MIDD_T2	2	2	0	0.95	0.85	-0.1	-0.19	-0.18	0	0	0	0	0	0
1/21/2024 19:15	67602 WARW_T2	0	0	0	0	0	0	-0.08	-0.08	0	0	0	0	0	0
1/21/2024 19:15	13704 SCHN_T2	1	0	-1	0.2	0	-0.2	-0.67	-0.66	0	0	0	0	0	0
1/21/2024 19:15	56802 BENV_T2	0	0	0	0	0	0	-1.16	-1.2	0	0	0	0	0	0
1/21/2024 19:15	56501 ROCK_T2	100	133	33	0.19	0.19	0	-2.09	-2.09	0	0	0	0	0	0
1/21/2024 19:15	43101 SMIL_T2	2	1	-1	1.1	0.2	-0.9	0	0	0	0	0	0	0	0
1/21/2024 19:15	64101 REFR_T1	0	0	0	0	0	0	0.13	0.09	0	0	0	0	0	0
1/21/2024 19:15	56801 BENV_T1	9	14	5	0.49	0.76	0.27	-0.41	-1.03	1	2	1	600	1200	600
1/21/2024 19:15	45402 WILO_T2	1	0	-1	0.1	0	-0.1	-1.31	-1.34	1	1	0	900	900	0
1/21/2024 19:16	42701 AUGU_T1	10	5	-5	0.62	0.3	-0.32	0	0	1	1	0	600	600	0
1/21/2024 19:16	44901 SCOT_T2	0	0	0	0	0	0	-1.16	-1.26	0	0	0	0	0	0
1/21/2024 19:16	52002 LING_T2	0	0	0	0	0	0	0.16	0.17	0	0	0	0	0	0
1/21/2024 19:16	43108 SMIL_T2	1	1	0	0.3	0	-0.3	0	0	0	0	0	0	0	0
1/21/2024 19:16	66703 STRA_T1	1	0	-1	0.3	0	-0.3	-0.09	-0.12	0	0	0	0	0	0
1/21/2024 19:16	45501 DERR_T2	7	9	2	0.63	0.58	-0.05	0.43	0.41	1	1	0	600	600	0
1/21/2024 19:16	49804 UNIV_T1	0	3	3	0	0	0	0	0	0	0	0	0	0	0
1/21/2024 19:16	53903 HAU_T2	2	2	0	1	0.85	-0.15	0	0	0	0	0	0	0	0
1/21/2024 19:16	46302 ROHR_T1	10	12	2	1.09	1.06	-0.03	0	0	0	0	0	0	0	0
1/21/2024 19:16	55002 NEWP_T1	0	5	5	0	0.54	0.54	-0.14	-0.12	0	0	0	0	0	0
1/21/2024 19:16	60101 COCA_T1	0	0	0	0	0	0	0.47	0.51	0	0	0	0	0	0
1/21/2024 19:16	56802 BENV_T2	0	0	0	0	0	0	-1.16	-1.2	0	0	0	0	0	0
1/21/2024 19:16	43201 MVIL_T2	12	20	8	0.79	0.48	-0.31	0	0	0	0	0	0	0	0
1/21/2024 19:16	56803 BENV_T1	5	0	-5	0.42	0	-0.42	0	0	0	0	0	0	0	0
1/21/2024 19:16	64101 REFR_T1	0	0	0	0	0	0	0.13	0.09	0	0	0	0	0	0
1/21/2024 19:16	51603 DUKE_T1	0	0	0	0	0	0	-0.07	-0.07	0	0	0	0	0	0
1/21/2024 19:16	60201 ATGL_T2	0	0	0	0	0	0	-0.54	-0.53	2	2	0	900	900	0
1/21/2024 19:16	54206 PENN_T2	0	0	0	0	0	0	-0.33	-0.35	0	0	0	0	0	0
1/21/2024 19:17	63404 HONY_T1	2	2	0	5.9	6	0.1	0	0	0	0	0	0	0	0
1/21/2024 19:17	46903 MNTG_T2	0	0	0	0	0	0	-0.07	-0.09	1	1	0	600	600	0
1/21/2024 19:17	43201 MVIL_T2	12	20	8	0.79	0.48	-0.31	0	0	0	0	0	0	0	0
1/21/2024 19:17	56803 BENV_T1	5	0	-5	0.42	0	-0.42	0	0	0	0	0	0	0	0
1/21/2024 19:17	53901 HAU_T2	15	16	1	0.13	0.2	0.07	-1.34	-1.33	0	0	0	0	0	0
1/21/2024 19:17	45302 WBER_T2	7	9	2	0.41	0.85	0.44	0.75	0.72	0	0	0	0	0	0
1/21/2024 19:18	45502 DERR_T2	0	1	1	0	0	0	0	0	0	0	0	0	0	0
1/21/2024 19:18	53901 HAU_T2	15	16	1	0.13	0.2	0.07	-2.67	-2.65	0	0	0	0	0	0
1/21/2024 19:18	46004 BERW_T2	10	8	-2	0.43	0.72	0.29	-0.62	-0.66	0	0	0	0	0	0
1/21/2024 19:18	67605 WARW_T1	0	0	0	0	0	0	-0.89	-0.88	0	0	0	0	0	0
1/21/2024 19:18	44302 BEAV_T2	10	11	1	0.16	0.17	0.01	0	0	0	0	0	0	0	0
1/21/2024 19:18	47403 PENS_T1	0	1	1	0	2.5	2.5	0	0	0	0	0	0	0	0
1/21/2024 19:18	55002 NEWP_T1	0	5	5	0	0.54	0.54	-0.28	-0.24	0	0	0	0	0	0
1/21/2024 19:18	46903 MNTG_T2	0	0	0	0	0	0	-0.07	-0.09

1/21/2024 19:22	55002 NEWP_T1	0	5	5	0	0.54	0.54	-0.14	-0.12	0	0	0	0	0	0
1/21/2024 19:22	65901 SAKR_T2	1	1	0	7.4	7.8	0.4	-1.21	-1.15	1	1	0	900	900	0
1/21/2024 19:22	53901 HALI_T2	15	16	1	0.13	0.2	0.07	-1.34	-1.33	0	0	0	0	0	0
1/21/2024 19:22	64101 REFR_T1	0	0	0	0	0	0	0.13	0.09	0	0	0	0	0	0
1/21/2024 19:22	43001 ALWD_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1/21/2024 19:22	67901 WNHO_T2	1	3	2	0.2	0.13	-0.07	-0.62	-0.56	0	0	0	0	0	0
1/21/2024 19:22	56802 BENV_T2	0	0	0	0	0	0	-1.16	-1.2	0	0	0	0	0	0
1/21/2024 19:23	46001 BERW_T1	4	4	0	0.35	0	-0.35	0.89	0.87	0	0	0	0	0	0
1/21/2024 19:23	58302 NOTT_T1	0	0	0	0	0	0	0.13	0.13	0	0	0	0	0	0
1/21/2024 19:23	14401 SSLA_T1	3	3	0	0.37	0.6	0.23	0	0	0	0	0	0	0	0
1/21/2024 19:23	42902 MIDD_T2	18	29	11	0.57	0.61	0.04	0	0	0	0	0	0	0	0
1/21/2024 19:23	58202 NEWV_T1	0	0	0	0	0	0	-0.27	-0.29	0	0	0	0	0	0
1/21/2024 19:23	59101 WALK_T2	0	0	0	0	0	0	0.61	0.46	2	0	-2	1050	0	-1050
1/21/2024 19:23	42002 MNVL_T2	1	1	0	7.5	7.5	0	-0.68	-0.64	0	0	0	0	0	0
1/21/2024 19:24	53901 HALI_T2	15	16	1	0.13	0.2	0.07	-2.65	-2.76	0	0	0	0	0	0
1/21/2024 19:24	64402 LAND_T2	0	0	0	0	0	0	-0.57	-0.54	1	1	0	600	600	0
1/21/2024 19:24	11101 EGYP_T1	1	1	0	1.3	0	-1.3	0	0	0	0	0	0	0	0
1/21/2024 19:24	45502 DERR_T2	0	1	1	0	0	0	0	0	0	0	0	0	0	0
1/21/2024 19:24	42903 MIDD_T2	2	2	0	0.95	0.85	-0.1	0	0	0	0	0	0	0	0
1/21/2024 19:24	67503 WEWI_T2	2	0	-2	0.2	0	-0.2	0.15	0.2	0	0	0	0	0	0
1/21/2024 19:24	51603 DUKE_T1	0	0	0	0	0	0	-0.07	-0.07	0	0	0	0	0	0
1/21/2024 19:24	57304 MOAL_T2	0	0	0	0	0	0	-1.02	-1.08	0	0	0	0	0	0
1/21/2024 19:24	61101 BERK_T5	0	0	0	0	0	0	-1.71	-1.71	0	0	0	0	0	0
1/21/2024 19:24	52501 PROG_T1	0	0	0	0	0	0	0.38	0.37	0	0	0	0	0	0
1/21/2024 19:25	52102 MEIS_T1	0	2	2	0	0	0	0	0	2	2	0	900	900	0
1/21/2024 19:25	58401 MORO_T1	0	0	0	0	0	0	-0.81	-0.86	1	1	0	600	600	0
1/21/2024 19:25	23901 EFMO_T2	14	28	14	0.76	0.7	-0.06	-0.65	-0.64	0	0	0	0	0	0
1/21/2024 19:25	47402 PENS_T1	0	1	1	0	2.5	2.5	0	0	0	0	0	0	0	0
1/21/2024 19:25	56801 BENV_T1	9	14	5	0.49	0.76	0.27	-1.03	-1.02	2	2	0	1200	1200	0
1/21/2024 19:25	61801 EEU_T2	0	0	0	0	0	0	-2.51	-2.51	3	3	0	1800	1800	0
1/21/2024 19:25	49803 UNIV_T1	0	0	0	0	0	0	-0.84	-0.92	0	0	0	0	0	0
1/21/2024 19:25	45402 WILO_T2	1	0	-1	0.1	0	-0.1	-1.34	-1.31	1	1	0	900	900	0
1/21/2024 19:26	45702 LIND_T2	0	0	0	0	0	0	-0.36	-0.36	0	0	0	0	0	0
1/21/2024 19:26	65902 SAKR_T2	0	0	0	0	0	0	-0.55	-0.59	1	1	0	300	300	0
1/21/2024 19:26	51107 CARL_T1	0	0	0	0	0	0	-0.43	-0.42	0	0	0	0	0	0
1/21/2024 19:26	47401 PENS_T1	0	0	0	0	0	0	0.75	0.73	0	0	0	0	0	0
1/21/2024 19:26	46204 DANV_T2	115	110	-5	0.77	0.5	-0.27	0	0	0	0	0	0	0	0
1/21/2024 19:26	55001 NEWP_T1	2	0	-2	0.45	0	-0.45	0	0	0	0	0	0	0	0
1/21/2024 19:26	59101 WALK_T2	0	0	0	0	0	0	0.46	0.37	2	0	-2	1050	0	-1050
1/21/2024 19:26	45501 DERR_T2	7	9	2	0.63	0.58	-0.05	0.41	0.4	1	1	0	600	600	0
1/21/2024 19:26	13704 SCHN_T2	1	0	-1	0.2	0	-0.2	-0.66	-0.71	0	0	0	0	0	0
1/21/2024 19:27	63201 MGTN_T2	1	1	0	0.2	0	-0.2	0.34	0.35	1	1	0	600	600	0
1/21/2024 19:27	46903 MNTG_T2	0	0	0	0	0	0	-0.09	-0.14	1	1	0	600	600	0
1/21/2024 19:27	64101 REFR_T1	0	0	0	0	0	0	0.09	0.1	0	0	0	0	0	0
1/21/2024 19:27	46301 ROHR_T1	2	3	1	2.2	1.2	-1	0	0	0	0	0	0	0	0
1/21/2024 19:27	42701 AUGU_T1	10	5	-5	0.62	0.3	-0.32	0	0	1	1	0	600	600	0
1/21/2024 19:27	59101 WALK_T2	0	0	0	0	0	0	0.46	0.37	2	0	-2	1050	0	-1050
1/21/2024 19:27	56803 BENV_T1	5	0	-5	0.42	0	-0.42	0	0	0	0	0	0	0	0
1/21/2024 19:27	46903 MNTG_T2	0	0	0	0	0	0	-0.09	-0.14	1	1	0	600	600	0
1/21/2024 19:28	51603 DUKE_T1	0	0	0	0	0	0	-0.07	-0.07	0	0	0	0	0	0
1/21/2024 19:28	46005 BERW_T1	11	11	0	0.42	2.14	1.72	0	0	0	0	0	0	0	0
1/21/2024 19:28	56803 BENV_T1	5	0	-5	0.42	0	-0.42	0	0	0	0	0	0	0	0
1/21/2024 19:28	53903 HALI_T2	2	2	0	1	0.85	-0.15	0	0	0	0	0	0	0	0
1/21/2024 19:28	58401 MORO_T1	0	0	0	0	0	0	-0.81	-0.86	1	1	0	600	600	0
1/21/2024 19:29	58202 NEWV_T1	0	0	0	0	0	0	-0.29	-0.31	0	0	0	0	0	0
1/21/2024 19:29	65502 MCIO_T2	0	0	0	0	0	0	-1.9	-1.86	1	1	0	900	900	0
1/21/2024 19:29	56501 ROCK_T2	100	133	33	0.19	0.19	0	-2.09	-2.11	0	0	0	0	0	0
1/21/2024 19:29	65001 NEFF_T2	0	0	0	0	0	0	-1.21	-1.22	1	1	0	1200	1200	0
1/21/2024 19:30	64101 REFR_T1	0	0	0	0	0	0	0.09	0.1	0	0	0	0	0	0
1/21/2024 19:30	55105 WERT_T1	0	0	0	0	0	0	-0.27	-0.26	1	1	0	900	900	0
1/21/2024 19:56	44903 SCOT_T1	1	12	11	0.5	0.4	-0.1	0	-0.01	0	0	0	0	0	0
1/21/2024 20:21	65001 NEFF_T2	0	0	0	0	0	0	-1.22	-1.27	1	1	0	1200	1200	0
1/21/2024 20:47	57403 SPAN_T1	0	2	2	0	0	0	0	0	0	0	0	0	0	0
1/21/2024 20:58	65001 NEFF_T2	0	1	1	0	0.1	0.1	-1.23	-1.27	1	1	0	1200	1200	0
1/21/2024 21:56	65001 NEFF_T2	0	3	3	0	0.1	0.1	-1.25	-1.26	1	1	0	1200	1200	0
1/21/2024 22:27	65001 NEFF_T2	0	0	0	0	0	0	-1.29	-1.32	1	1	0	1200	1200	0
1/22/2024 0:02	65001 NEFF_T2	0	0	0	0	0	0	-1.34	-1.36	1	1	0	1200	1200	0
1/22/2024 0:54	65001 NEFF_T2	0	0	0	0	0	0	-1.29	-1.3	1	1	0	1200	1200	0
1/22/2024 1:26	57401 SPAN_T1	0	0	0	0	0	0	-1.3	-1.29	1	1	0	600	600	0
1/22/2024 1:31	65001 NEFF_T2	0	2	2	0	0.1	0.1	-1.29	-1.29	1	1	0	1200	1200	0
1/22/2024 2:18	16401 MOPO_T1	0	2	2	0	0	0	0	0	0	0	0	0	0	0
1/22/2024 2:55	65001 NEFF_T2	0	0	0	0	0	0	-1.25	-1.26	1	1	0	1200	1200	0
1/22/2024 3:07	28704 HAML_T2	36	22	-14	0.25	0.24	-0.01	-0.66	-0.64	0	0	0	0	0	0
1/22/2024 4:30	65001 NEFF_T2	0	0	0	0	0	0	-1.16	-1.04	1	1	0	1200	1200	0
1/22/2024 4:56	65001 NEFF_T2	0	0	0	0	0	0	-1	-1.06	1	1	0	1200	1200	0
1/22/2024 5:01	46204 DANV_T2	118	120	2	1.37	1.06	-0.31	0	0	0	0	0	0	0	0
1/22/2024 5:03	43108 SMIL_T2	1	1	0	0.7	0.7	0	0	0	0	0	0	0	0	0
1/22/2024 5:33	65001 NEFF_T2	0	0	0	0	0	0	-1	-1.03	1	1	0	1200	1200	0
1/22/2024 6:30	65001 NEFF_T2	0	0	0	0	0	0	-0.74	-0.59	1	1	0	1200	1200	0
1/22/2024 6:57	65001 NEFF_T2	0	0	0	0	0	0	-0.57	-0.52	1	1	0	1200	1200	0
1/22/2024 7:18	65001 NEFF_T2	0	0	0	0	0	0	-0.52	-0.32	1	1	0	1200	1200	0
1/22/2024 7:52	60201 ATGL_T2	0	0	0	0	0	0	-0.95	-0.98	2	2	0	900	900	0
1/22/2024 7:53	44904 SCOT_T1	4	7	3	0.13	0	-0.13	0	0	0	0	0	0	0	0
1/22/2024 7:55	45502 DERR_T2	1	2	1	0.5	0.1	-0.4	0	0	0	0	0	0	0	0
1/22/2024 7:58	53903 HALI_T2	2	2	0	0.8	0.6	-0.2	0	0	0	0	0	0	0	0
1/22/2024 7:58	45502 DERR_T2	1	2	1	0.5	0.1	-0.4	0	0	0	0	0	0	0	0
1/22/2024 7:59	64305 LINC_T1	0	3	3	0	0.5	0.5	0	0	0	0	0	0	0	0
1/22/2024 8:00	53903 HALI_T2	2	2	0	0.6	1	0.4	0	0	0	0	0	0	0	0
1/22/2024 8:01	42903 MIDD_T2	7	4	-3	0.36	0.2	-0.16	0	0	0	0	0	0	0	0
1/22/2024 8:02	44701 MUNC_T2	11	4	-7	0.59	0.6	0.01	-0.87	-0.89	0	0	0	0	0	0
1/22/2024 8:02	43201 MVIL_T2	1	4	3	1	0.8	-0.2	0	0	0	0	0	0	0	0
1/22/2024 8:03	57304 MOAL_T2	2	1	-1	0.4	0.2	-0.2	-0.75	-0.62	0	0	0	0	0	0
1/22/2024 8:03	42903 MIDD_T2	7	4	-3	0.36	0.2	-0.16	0	0	0	0	0	0	0	0
1/22/2024 8:03	43108 SMIL_T2	1	1	0	0.3	0.3	0	0	0	0	0	0	0	0	0
1/22/2024 8:04	46903 MNTG_T2	0	0	0	0	0	0	0.62	0.53	2	2	0	1200	1200	0
1/22/2024 8:04	43104 SMIL_T2	0	0	0	0	0	0	-0.53	-0.55	1	1	0	300	300	0
1/22/2024 8:04	42902 MIDD_T2	8	7	-1	0.66	0	-0.66	-0.66	-0.7	1	1	0	600	600	0
1/22/2024 8:04	46902 MNTG_T2	4	0	-4	0.1	0	-0.1	0	0	0	0	0	0	0	0
1/22/2024 8:05	44903 SCOT_T1	243	197	-46	1.18	0.88	-0.3	-0.02	0	0	0	0	0	0	0
1/22/2024 8:05	43201 MVIL_T2	1	4	3	1	0.8	-0.2	0	0	0	0	0	0	0	0
1/22/2024 8:06	44904 SCOT_T1	6	1	-5	0.28	0.1	-0.18	0	0	0	0	0	0	0	0
1/22/2024 8:07	43108 SMIL_T2	1	1	0	0.3	0.3	0	0	0	0	0	0	0	0	0
1/22/2024 8:07	44901 SCOT_T2	0	0	0	0	0	0	-0.63	-0.63	0	0	0	0	0	0
1/22/2024 8:08	55101 WERT_T1	0	0	0	0	0	0	-1.17	-1.11	2	2	0	1500	1500	0
1/22/2024 8:08	43108 SMIL_T2	1	1	0	0.3	0.3	0	0	0	0	0	0	0	0	0
1/22/2024 8:09	42701 AUGU_T1	53	57	4	0.65	0.77	0.12	0	0	1	1	0	600	600	0
1/22/2024 8:09	55101 WERT_T1	0	0	0	0	0	0	-1.11	-1.13	2	2	0	1500	1500	0
1/22/2024 8:10	46204 DANV_T2	129	118	-11	2.19	1.15	-1.04	0	0	0	0	0	0	0	0
1/22/2024 8:10	46206 DANV_T2	58	12	-46	0.75	0.42	-0.33	2.98	2.91	1	1	0	1200	1200	0
1/22/2024 8:11	46204 DANV_T2	129	118	-11	2.19	1.15	-1.04	0	0	0	0	0	0	0	0
1/22/2024 8:11	46204 DANV_T2	129	118	-11	2.19	1.15	-1.04	0	0	0	0	0	0	0	0
1/22/2024 8:15	64301 LINC_T1	1	1	0	0.5	0.4	-0.1	0	0	0	0	0	0	0	0
1/22/2024 8:15	46602 LACR_T1	0	0	0	0	0	0	-0.95	-0.98	0	0	0	0	0	0
1/22/2024 8:17	58402 MORO_T1	1	0	-1	0.2	0	-0.2	0	0	0	0	0	0	0	0
1/22/2024 8:18	58402 MORO_T1	1	0	-1	0.2	0	-0.2	0	0	0	0	0	0	0	0
1/22/2024 8:21	15604 NSTR_T1	45	78	33	0.59	0.61	0.02	-0.22	-0.22	0	0	0	0	0	0
1/22/2024 8:21	44904 SCOT_T1	1	1	0	0.1	0	-0.1	0	0	0	0	0	0	0	0
1/22/2024 8:21	60501 NMAN_T2	4	4	0	3.23	4.9	1.67	0	0	0	0	0	0	0	0
1/22/2024 8:22	44901 SCOT_T2	0	0	0	0	0	0	-0.63	-0.58	0	0	0	0	0	0
1/22/2024 8:22	55101 WERT_T1	0	0	0	0	0	0	-1.11	-1.13	2	2	0	1500	1500	0
1/22/2024 8:26	65001 NEFF_T2	0	0	0	0	0	0	-0.37	-0.34	1	1	0	1200	1200	0
1/22/2024 8:26	55101 WERT_T1	0	0	0	0	0	0	-1.13	-1.15	2	2	0	1500	1500	0
1/22/2024 8:28	49803 UNIV_T1	0	2	2	0	0	0	-0.7	-0.76	0	0	0	0	0	0
1/22/2024 8:30	17802 GILB_T1	5	3	-2	0.26	0.3	0.04	0.37	0.3	0	0	0	0	0	0
1/22/2024 8:33	58401 MORO_T1	1	1	0	0.8	0.2	-0.6	-2.07	-2.17	2	2	0	1200	1200	0
1/22/2024 8:34	58401 MORO_T1	1	1	0	0.8	0.2	-0.6	-2.07	-2.17	2	2	0	1200	1200	0
1/22/2024 8:35	55001 NEWP_T1	1	0	-1	0.2	0	-0.2	0	0	0	0	0	0	0	0
1/22/2024 8:35	55101 WERT_T1	0	0	0	0	0	0	-1.13	-1.15	2	2	0	1500	1500	0
1/22/2024 8:36	55101 WERT_T1	0	0	0	0	0	0	-1.13	-1.15	2	2	0	1500	1500	0
1/22/2024 8:37	44904 SCOT_T1	1	0	-1	0.2	0	-0.2	0	0	0	0	0	0	0	0
1/22/2024 8:40	55101 WERT_T1	0	0	0	0	0	0	-1.15	-1.23	2	2	0	1500	1500	0
1/22/2024 8:40	59101 WALK_T2	0	0	0	0	0	0	1.87	1.73	2	2	0	1050	1050	0
1/22/2024 8:42	46801 HEPB_T2	21	38	17	0.34	0.38	0.04	-0.18	-0.21	0	0	0	0	0	0
1/22/2024 8:56	10805 CHNI_T2	8	7	-1	2.93	7.5	4.57	0	0	1	1	0	600	600	0
1/22/2024 9:00	60801 BUCK_T1	0	0	0	0	0	0	-0.73	0.01	0	0	0	0	0	0
1/22/2024 9:00	56501 ROCK_T2	38	249	211	0.27	0.3	0.03	0	0	0	0	0	0	0	0
1/22/2024 9:00	65001 NEFF_T2	0	0	0	0	0	0	-0.36	-0.34	1	1	0	1200	1200	0
1/22/2024 9:00	42002 MNVL_T2	1	1	0	10	9.7	-0.3	0	0	0	0	0	0	0	0
1/22/2024 9:00	53901 HALI_T2	0	22	22	0	0.19	0.19	-1.35	-1.41	0	0	0	0	0	0
1/22/2024 9:00	46204 DANV_T2	112	122	10	0.86	0.38	-0.48	0	0	0	0	0	0	0	0
1/22/2024 9:00	53901 HALI_T2	0	22	22	0	0.19	0.19	-1.35	-1.41	0	0	0	0	0	0
1/22/2024 9:00	16103 BING_T2	0	1	1	0	0.3	0.3	0	0	0	0	0	0	0	0
1/22/2024 9:00	43304 WATS_T2	25	19	-6	0.49	0.43	-0.06	-1.09	-1.11	1	1	0	600	600	0
1/22/2024 9:00	56801 BENV_T1	24	26	2	0.39	0.4	0.01	0	0	0	0	0	0	0	0
1/22/2024 9:00	67402 WAKE_T2	0	0	0	0	0	0	-0.13	0.03	1	1	0	600	600	0
1/22/2024 9:00	57403 SPAN_T1	2	6	4	0.15	0.17	0.02	0.79	0.75	0	0	0	0	0	0
1/22/2024 9:00	23401 HONE_T2	9	8	-1	0.56	0.53	-0.03	-0.09	0	0	0	0	0	0	0
1/22/2024 9:00	59102 WALK_T2	0	0	0	0	0	0	-0.15	-0.22	1	1	0	600	600	0
1/22/2024 9:00	60101 COCA_T1	0	0	0	0	0	0	-0.57	-0.59	1	1	0	1200	1200	0
1/22/2024 9:00	43001 ALWD_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1/22/2024 9:01	43102 SMIL_T2	0	1	1	0	0.1	0.1	0	0	0	0	0	0	0	0
1/22/2024 9:01	47403 PENS_T1	1	1	0	2.2	1.9	-0.3	0	0	0	0	0	0	0	0
1/22/2024 9:06	67503 WEWI_T2	0	0	0	0	0	0	0.37	0.34	0	0	0	0	0	0
1/22/2024 9:07	42701 AUGU_T1	21	17	-4	0.46	0.49	0.03	0	0	1	1	0	600	600	0
1/22/2024 9:08	57403 SPAN_T1	2	6	4	0.15	0.17	0.02	0.4	0.37	0	0	0	0	0	0
1/22/2024 9:08	60701 BREC_T1	6	1	-5	0.37	0	-0.37	-0.56	-0.53	2	2	0	1200	1200	0
1/22/2024 9:08	53502 EVIL_T2	12	1	-11	0.69	3.7	3.01	0	0	0	0	0	0	0	0
1/22/2024 9:08	47403 PENS_T1	1	1	0	2.2	1.9	-0.3	0	0	0	0	0	0	0	0
1/22/2024 9:08	46004 BERW_T2	2	3	1	0.1	0	-0.1	-0.48	-0.41	0	0	0	0	0	0
1/22/2024 9:08	42902 MIDD_T2	2	8	6	0.4	0.34	-0.06	0	0	0	0	0	0	0	0
1/22/2024 9:09	44201 POIN_T1	0	0	0	0	0	0	-2.38	-2.6	2	2	0	2100	2100	0
1/22/2024 9:09	43001 ALWD_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1/22/2024 9:09	46204 DANV_T2	112	122	10	0.86	0.38	-0.48	0	0	0	0	0	0	0	0
1/22/2024 9:09	56802 BENV_T2	0	1	1	0	0.1	0.1	-1.13	-1.17	0	0	0	0	0	0
1/22/2024 9:10	46203 DANV_T2	0	2	2	0	0	0	-0.75	-0.82	0	0	0	0	0	0
1/22/2024 9:11	46204 DANV_T2	112	122	10	0.86	0.38	-0.48	0	0	0	0	0	0	0	0
1/22/2024 9:11	10805 CHNI_T2	7	6	-1	2.34	7.5	5.16	0	-0.64	1	1	0	600	600	0
1/22/2024 9:11	60201 ATGL_T2	0	0	0	0	0	0	-1.06	-1.01	2	2	0	900	900	0
1/22/2024 9:12	28704 HAML_T2	0	0	0	0	0	0	-0.61	-0.6	0	0	0	0	0	0
1/22/2024 9:13	46206 DANV_T2	1	11	10	0.5	0.3	-0.2	2.76	2.75	1	1	0	1200	1200	0
1/22/2024 9:13	45502 DERR_T2	2	2	0	0.55	0.4	-0.15	0	0	0	0	0	0	0	0
1/22/2024 9:13	53903 HALI_T2	2	2	0	1.3	1.25	-0.05	0	0	0	0	0	0	0	0
1/22/2024 9:14	46204 DANV_T2	112	122	10	0.86	0.38	-0.48	0	0	0	0	0	0	0	0
1/22/2024 9:14	45502 DERR_T2	2	2	0	0.55	0.4	-0.15	0	0	0	0	0	0	0	0
1/22/2024 9:15	49803 UNIV_T1	8	7	-1	0.14	0.1	-0.04	-0.68	-0.76	0	0	0	0	0	0
1/22/2024 9:16	53903 HALI_T2	2	2	0	1.25	1.25	0	0	0	0	0	0	0	0	0
1/22/2024 9:17	55002 NEWP_T1	5	6	1	0.52	0.95	0.43	-0.09	-0.1	0	0	0	0	0	0
1/22/2024 9:17	46902 MNTG_T2	0	5	5	0	0.12	0.12	0	0	0

1/22/2024 9:51	43104 SMIL_T2	0	0	0	0	0	0	-0.6	-0.56	1	1	0	300	300	0
1/22/2024 9:51	44901 SCOT_T2	0	0	0	0	0	0	-0.7	-0.65	0	0	0	0	0	0
1/22/2024 9:51	65901 SAKR_T2	1	1	0	7.6	8.8	1.2	-0.98	-1.02	1	1	0	900	900	0
1/22/2024 9:52	66504 SMAN_T2	0	2	2	0	0.1	0.1	-1.79	-1.89	2	2	0	2400	2400	0
1/22/2024 9:53	56802 BENV_T2	3	3	0	0.27	0.4	0.13	-1.24	-1.18	0	0	0	0	0	0
1/22/2024 9:54	66501 SMAN_T2	0	1	1	0	0.1	0.1	0	0	0	0	0	0	0	0
1/22/2024 9:55	56802 BENV_T2	3	3	0	0.27	0.4	0.13	-1.18	-1.14	0	0	0	0	0	0
1/22/2024 9:56	11104 EGYP_T1	1	1	0	1.1	1.1	0	0.48	0.45	0	0	0	0	0	0
1/22/2024 9:59	49804 UNIV_T1	2	0	-2	0.4	0	-0.4	0	0	0	0	0	0	0	0
1/22/2024 10:01	55002 NEWP_T1	6	4	-2	0.95	0.95	0	-0.11	-0.13	0	0	0	0	0	0
1/22/2024 10:02	55002 NEWP_T1	6	4	-2	0.95	0.95	0	-0.22	-0.26	0	0	0	0	0	0
1/22/2024 10:04	57401 SPAN_T1	2	0	-2	0.3	0	-0.3	-1.45	-0.86	1	1	0	600	600	0
1/22/2024 10:04	57303 MOAL_T2	1	1	0	6.9	7	0.1	0	0	0	0	0	0	0	0
1/22/2024 10:05	55002 NEWP_T1	6	4	-2	0.95	0.95	0	-0.11	-0.13	0	0	0	0	0	0
1/22/2024 10:05	46302 ROHR_T1	2	3	1	0.25	0.6	0.35	-0.04	0.57	0	0	0	0	0	0
1/22/2024 10:05	57401 SPAN_T1	2	0	-2	0.3	0	-0.3	-1.45	-0.86	1	1	0	600	600	0
1/22/2024 10:06	67001 STHI_T2	21	10	-11	0.18	0.2	0.02	0	0	0	0	0	0	0	0
1/22/2024 10:06	46302 ROHR_T1	2	3	1	0.25	0.6	0.35	-0.04	0.57	0	0	0	0	0	0
1/22/2024 10:07	42701 AUGU_T1	2	2	0	0.6	0.8	0.2	0	0	1	1	0	600	600	0
1/22/2024 10:07	16302 ALPA_T2	0	0	0	0	0	0	-0.4	-0.47	0	0	0	0	0	0
1/22/2024 10:07	67001 STHI_T2	21	10	-11	0.18	0.2	0.02	0	0	0	0	0	0	0	0
1/22/2024 10:07	57401 SPAN_T1	2	0	-2	0.3	0	-0.3	-2.9	-1.71	2	2	0	1200	1200	0
1/22/2024 10:08	43001 ALWD_T1	1	6	5	0.1	0.12	0.02	0	0	0	0	0	0	0	0
1/22/2024 10:08	67003 STHI_T2	4	2	-2	0.1	0.1	0	0.75	0.73	0	0	0	0	0	0
1/22/2024 10:08	57401 SPAN_T1	2	0	-2	0.3	0	-0.3	-1.45	-0.86	1	1	0	600	600	0
1/22/2024 10:09	67001 STHI_T2	21	10	-11	0.18	0.2	0.02	0	0	0	0	0	0	0	0
1/22/2024 10:09	42701 AUGU_T1	2	2	0	0.6	0.8	0.2	0	0	1	1	0	600	600	0
1/22/2024 10:09	16302 ALPA_T2	0	0	0	0	0	0	-0.93	-0.78	0	0	0	0	0	0
1/22/2024 10:09	45501 DERR_T2	0	1	1	0	0	0	0.97	0.97	2	2	0	1800	1800	0
1/22/2024 10:10	16302 ALPA_T2	0	0	0	0	0	0	-0.47	-0.39	0	0	0	0	0	0
1/22/2024 10:10	67503 WEWI_T2	0	0	0	0	0	0	0.14	0.17	0	0	0	0	0	0
1/22/2024 10:10	62604 ENGL_T1	0	0	0	0	0	0	-1.04	-1.02	0	0	0	0	0	0
1/22/2024 10:11	53502 EVIL_T2	1	5	4	4.9	3.7	-1.2	0	0	0	0	0	0	0	0
1/22/2024 10:12	45501 DERR_T2	0	1	1	0	0	0	0.97	0.97	2	2	0	1800	1800	0
1/22/2024 10:12	53502 EVIL_T2	1	5	4	4.9	3.7	-1.2	0	0	0	0	0	0	0	0
1/22/2024 10:13	62604 ENGL_T1	0	0	0	0	0	0	-2.09	-2.03	0	0	0	0	0	0
1/22/2024 10:14	53501 EVIL_T2	9	8	-1	0.76	0.61	-0.15	-3.98	-3.82	6	6	0	4200	4200	0
1/22/2024 10:14	62604 ENGL_T1	0	0	0	0	0	0	-2.09	-2.03	0	0	0	0	0	0
1/22/2024 10:14	58401 MORO_T1	0	0	0	0	0	0	-1.62	-1.61	1	1	0	600	600	0
1/22/2024 10:15	53501 EVIL_T2	8	8	0	0.61	0.7	0.09	-1.99	-1.91	3	3	0	2100	2100	0
1/22/2024 10:15	52002 LING_T2	0	0	0	0	0	0	-0.04	-0.06	0	0	0	0	0	0
1/22/2024 10:16	26402 INOR_T1	7	0	-7	0.2	0	-0.2	0	0	0	0	0	0	0	0
1/22/2024 10:17	46901 MNTG_T2	1	1	0	0.8	0.7	-0.1	1.68	1.79	0	0	0	0	0	0
1/22/2024 10:17	46901 MNTG_T2	1	1	0	0.8	0.7	-0.1	1.68	1.79	0	0	0	0	0	0
1/22/2024 10:17	16402 MOPO_T1	7	20	13	0.63	0.4	-0.23	0.24	0.33	0	0	0	0	0	0
1/22/2024 10:19	14403 SSLA_T1	0	0	0	0	0	0	0.97	0.93	0	0	0	0	0	0
1/22/2024 10:19	16401 MOPO_T1	0	1	1	0	0	0	0	0	0	0	0	0	0	0
1/22/2024 10:19	56504 ROCK_T2	0	1	1	0	0	0	0	0	0	0	0	0	0	0
1/22/2024 10:20	46901 MNTG_T2	1	1	0	0.8	0.7	-0.1	0	0	0	0	0	0	0	0
1/22/2024 10:20	14403 SSLA_T1	0	0	0	0	0	0	0.97	0.93	0	0	0	0	0	0
1/22/2024 10:20	55002 NEWP_T1	4	5	1	0.85	0.84	-0.01	-0.13	-0.13	0	0	0	0	0	0
1/22/2024 10:21	46901 MNTG_T2	1	1	0	0.8	0.7	-0.1	0	0	0	0	0	0	0	0
1/22/2024 10:21	56501 ROCK_T2	107	34	-73	0.17	0.17	0	-2.18	-2.08	0	0	0	0	0	0
1/22/2024 10:22	66505 SMAN_T2	0	0	0	0	0	0	0.11	-0.04	1	1	0	900	900	0
1/22/2024 10:22	57401 SPAN_T1	0	0	0	0	0	0	-0.86	-0.9	1	1	0	600	600	0
1/22/2024 10:22	65901 SAKR_T2	1	30	29	8.8	8.9	0.1	0	0	0	0	0	0	0	0
1/22/2024 10:23	14403 SSLA_T1	0	0	0	0	0	0	0.97	0.93	0	0	0	0	0	0
1/22/2024 10:24	44301 BEAV_T2	0	2	2	0	0.55	0.55	0.77	0.61	2	2	0	1500	1500	0
1/22/2024 10:25	44301 BEAV_T2	0	2	2	0	0.55	0.55	0.77	0.61	2	2	0	1500	1500	0
1/22/2024 10:27	17805 GILB_T2	0	0	0	0	0	0	-1.52	-1.17	0	0	0	0	0	0
1/22/2024 10:27	10805 CHHI_T2	1	7	6	7.3	1.61	-5.69	0	0	2	2	0	1200	1200	0
1/22/2024 10:27	17802 GILB_T1	0	0	0	0	0	0	0.3	0.3	0	0	0	0	0	0
1/22/2024 10:28	17805 GILB_T2	0	0	0	0	0	0	-0.51	0.39	0	0	0	0	0	0
1/22/2024 10:29	17804 GILB_T2	0	0	0	0	0	0	-0.46	-0.45	0	0	0	0	0	0
1/22/2024 10:30	53901 HAU_T2	1	1	0	0.2	0.1	-0.1	-1.47	-1.46	0	0	0	0	0	0
1/22/2024 10:30	17805 GILB_T2	0	0	0	0	0	0	-0.51	0.39	0	0	0	0	0	0
1/22/2024 10:31	53901 HAU_T2	1	1	0	0.2	0.1	-0.1	-4.41	-4.39	0	0	0	0	0	0
1/22/2024 10:31	17802 GILB_T1	0	0	0	0	0	0	0.3	0.3	0	0	0	0	0	0
1/22/2024 10:35	67003 STHI_T2	2	6	4	0.1	0.17	0.07	0.72	0.69	0	0	0	0	0	0
1/22/2024 10:35	44301 BEAV_T2	2	2	0	0.55	1	0.45	0.77	0.61	2	2	0	1500	1500	0
1/22/2024 10:36	66703 STRA_T1	0	1	1	0	0.1	0.1	0.1	0.08	0	0	0	0	0	0
1/22/2024 10:36	55002 NEWP_T1	4	5	1	0.95	0.8	-0.15	-0.13	-0.13	0	0	0	0	0	0
1/22/2024 10:36	67003 STHI_T2	2	6	4	0.1	0.17	0.07	0.72	0.69	0	0	0	0	0	0
1/22/2024 10:37	67502 WEWI_T2	1	1	0	0.2	0.3	0.1	-1.91	-2	2	2	0	1800	1800	0
1/22/2024 10:37	67002 STHI_T2	2	6	4	0.1	0.17	0.07	0.72	0.69	0	0	0	0	0	0
1/22/2024 10:38	67003 STHI_T2	2	6	4	0.1	0.17	0.07	0.72	0.69	0	0	0	0	0	0
1/22/2024 10:38	43001 ALWD_T1	6	10	4	0.12	0.13	0.01	0	0	0	0	0	0	0	0
1/22/2024 10:39	67001 STHI_T2	9	63	54	0.21	0.14	-0.07	0	0	0	0	0	0	0	0
1/22/2024 10:39	61101 BERK_T5	0	0	0	0	0	0	-0.94	-0.91	0	0	0	0	0	0
1/22/2024 10:39	67502 WEWI_T2	1	1	0	0.2	0.3	0.1	-1	-1.05	1	1	0	900	900	0
1/22/2024 10:39	67402 WAKE_T2	0	0	0	0	0	0	-0.19	-0.16	1	1	0	600	600	0
1/22/2024 10:39	10801 CHHI_T1	1	2	1	1.2	1.3	0.1	0	0	2	2	0	1500	1500	0
1/22/2024 10:40	46206 DANV_T2	1	3	2	0.3	0	-0.3	0	0	0	0	0	0	0	0
1/22/2024 10:41	60201 ATGL_T2	0	0	0	0	0	0	-0.29	-0.41	1	1	0	300	300	0
1/22/2024 10:41	45402 WBLO_T2	32	47	15	0.23	0.28	0.05	-1.3	-1.32	1	1	0	900	900	0
1/22/2024 10:42	17802 GILB_T1	0	0	0	0	0	0	0.3	0.24	0	0	0	0	0	0
1/22/2024 10:42	61102 BERK_T5	0	1	1	0	0.1	0.1	0	0	0	0	0	0	0	0
1/22/2024 10:44	43001 ALWD_T1	6	10	4	0.12	0.13	0.01	0	0	0	0	0	0	0	0
1/22/2024 10:44	46803 HEPB_T2	2	3	1	0.15	0.2	0.05	0	0	0	0	0	0	0	0
1/22/2024 10:45	42903 MIDD_T2	0	0	0	0	0	0	0.99	0.77	1	1	0	1200	1200	0
1/22/2024 10:46	55002 NEWP_T1	4	6	2	0.88	0.8	-0.08	-0.13	-0.14	0	0	0	0	0	0
1/22/2024 10:47	64203 KINZ_T1	0	0	0	0	0	0	-0.12	-0.14	3	3	0	2100	2100	0
1/22/2024 10:47	64802 MONE_T2	0	4	4	0	0.13	0.13	0.1	0.05	0	0	0	0	0	0
1/22/2024 10:48	64101 REFR_T1	0	0	0	0	0	0	0.08	0.06	0	0	0	0	0	0
1/22/2024 10:49	14403 SSLA_T1	0	0	0	0	0	0	0.93	0.87	0	0	0	0	0	0
1/22/2024 10:50	43201 MVIL_T2	0	0	0	0	0	0	-0.27	-0.3	0	0	0	0	0	0
1/22/2024 10:51	59101 WALK_T2	0	0	0	0	0	0	1.73	2.01	1	2	1	450	1050	600
1/22/2024 10:51	64101 REFR_T1	0	0	0	0	0	0	0.08	0.06	0	0	0	0	0	0
1/22/2024 10:52	56504 ROCK_T2	0	1	1	0	0	0	0.05	0.02	0	0	0	0	0	0
1/22/2024 10:53	46004 BERW_T2	1	1	0	0.2	0.4	0.2	-0.49	-0.51	0	0	0	0	0	0
1/22/2024 10:53	59101 WALK_T2	0	0	0	0	0	0	1.73	2.01	1	2	1	450	1050	600
1/22/2024 10:53	64101 REFR_T1	0	0	0	0	0	0	0.08	0.06	0	0	0	0	0	0
1/22/2024 10:54	42701 AUGU_T1	3	2	-1	0.57	0.3	-0.27	0	0	1	1	0	600	600	0
1/22/2024 10:54	43001 ALWD_T1	9	3	-6	0.13	0.1	-0.03	0	0	0	0	0	0	0	0
1/22/2024 10:54	61102 BERK_T5	1	1	0	0.1	0.2	0.1	0	0	0	0	0	0	0	0
1/22/2024 10:54	64101 REFR_T1	0	0	0	0	0	0	0.06	0.04	0	0	0	0	0	0
1/22/2024 10:55	61101 BERK_T5	0	0	0	0	0	0	-0.91	-0.92	0	0	0	0	0	0
1/22/2024 10:55	61103 BERK_T5	0	0	0	0	0	0	0.09	0.11	0	0	0	0	0	0
1/22/2024 10:55	55105 WERT_T1	0	0	0	0	0	0	-0.38	-0.39	1	1	0	900	900	0
1/22/2024 10:55	42701 AUGU_T1	3	2	-1	0.57	0.3	-0.27	0	0	1	1	0	600	600	0
1/22/2024 10:56	61103 BERK_T5	0	0	0	0	0	0	0.09	0.11	0	0	0	0	0	0
1/22/2024 10:56	61103 BERK_T5	0	0	0	0	0	0	0.09	0.11	0	0	0	0	0	0
1/22/2024 10:57	61103 BERK_T5	0	0	0	0	0	0	0.09	0.11	0	0	0	0	0	0
1/22/2024 10:57	61102 BERK_T5	1	1	0	0.1	0.2	0.1	0.48	0.44	1	1	0	300	300	0
1/22/2024 10:57	44302 BEAV_T2	3	0	-3	1.2	0	-1.2	0	0	0	0	0	0	0	0
1/22/2024 10:58	61801 EEU_T2	0	1	1	0	0.3	0.3	-0.25	-0.25	0	0	0	0	0	0
1/22/2024 10:58	61102 BERK_T5	1	1	0	0.1	0.2	0.1	0.48	0.44	1	1	0	300	300	0
1/22/2024 10:59	43001 ALWD_T1	9	3	-6	0.13	0.1	-0.03	0	0	0	0	0	0	0	0
1/22/2024 10:59	17802 GILB_T1	0	0	0	0	0	0	0.24	0.28	0	0	0	0	0	0
1/22/2024 11:02	55001 NEWP_T1	0	1	1	0	0.1	0.1	0	0	0	0	0	0	0	0
1/22/2024 11:02	46901 MNTG_T2	1	1	0	0.4	0.5	0.1	0	0	0	0	0	0	0	0
1/22/2024 11:03	64101 REFR_T1	0	0	0	0	0	0	0.06	0.04	0	0	0	0	0	0
1/22/2024 11:03	46901 MNTG_T2	1	1	0	0.4	0.5	0.1	0	0	0	0	0	0	0	0
1/22/2024 11:04	44601 SALE_T2	0	1	1	0	0	0	0.48	0.7	2	2	0	900	900	0
1/22/2024 11:05	56501 ROCK_T2	142	165	23	0.2	0.21	0.01	-4.42	-4.41	0	0	0	0	0	0
1/22/2024 11:06	67002 STHI_T2	5	12	7	0.18	0.15	-0.03	0.72	0.72	0	0	0	0	0	0
1/22/2024 11:06	64101 REFR_T1	0	0	0	0	0	0	0.12	0.08	0	0	0	0	0	0
1/22/2024 11:06	52501 PROG_T1	0	0	0	0	0	0	0.49	0.45	1	1	0	300	300	0
1/22/2024 11:06	43201 MVIL_T2	0	0	0	0	0	0	-0.3	-0.28	0	0	0	0	0	0
1/22/2024 11:06	43202 MVIL_T2	1	0	-1	0.1	0	-0.1	-0.52	-0.54	0	0	0	0	0	0
1/22/2024 11:06	66703 STRA_T1	1	4	3	0.1	0.2	0.1	0.07	0.05	0	0	0	0	0	0
1/22/2024 11:07	67503 WEWI_T2	0	0	0	0	0	0	0.14	0.11	0	0	0	0	0	0
1/22/2024 11:07	67605 WARW_T1	0	1	1	0	0.1	0.1	-0.92	-0.87	0	0	0	0	0	0
1/22/2024 11:07	57403 SPAN_T1	0	1	1	0	0.2	0.2	0.18	0.17	0	0	0	0	0	0
1/22/2024 11:08	46301 ROHR_T1	1	3	2	1.2	0.2	-1	0	0	0	0	0	0	0	0
1/22/2024 11:08	67201 TEHI_T1	0	5	5	0	0	0	0	0	0	0	0	0	0	0
1/22/2024 11:08	57403 SPAN_T1	0	1	1	0	0.2	0.2	0.18	0.17	0	0	0	0	0	0
1/22/2024 11:09	67402 WAKE_T2	0	0	0	0	0	0	-0.29	-0.29	1	1	0	600	600	0
1/22/2024 11:09	60803 BUCK_T1	0	1	1	0	0.1	0.1	-1.17	-1.18	1	1	0	600	600	0
1/22/2024 11:09	67001 STHI_T2	63	52	-11	0.14	0.15	0.01	0	0	0	0	0	0	0	0
1/22/2024 11:09	57403 SPAN_T1	0	1	1	0	0.2	0.2	0.17	0.17	0	0	0	0	0	0
1/22/2024 11:10	46901 MNTG_T2	1	1	0	0.4	0.5	0.1	0	0	0	0	0	0	0	0
1/22/2024 11:10	60803 BUCK_T1	0	1	1	0	0.1	0.1	-1.17	-1.18	1	1	0	600	600	0
1/22/2024 11:10	43001 ALWD_T1	3	3	0	0.1	0.1	0	0	0	0	0	0	0	0	0
1/22/2024 11:10	61801 EEU_T2	1	1	0	0.3	0.2	-0.1	-0.5	-0.53	0	0	0	0	0	0
1/22/2024 11:10	56802 BENV_T2	1	1	0	0.2	0.4	0.2	-1.19	-1.21	0	0	0	0	0	0
1/22/2024 11:10	67402 WAKE_T2	0	0	0	0	0	0	-0.29	-0.29	1	1	0	600	600	0
1/22/2024 11:12	60803 BUCK_T1	0	1	1	0	0.1	0.1	-1.17	-1.18	1	1	0	600	600	0
1/22/2024 11:12	46004 BERW_T2	1	2	1	0.7	0	-0.7	-0.47	-0.48	0	0	0	0	0	0
1/22/2024 11:15	53903 HAU_T2	3	3	0	0.93	1.03	0.1	-0.41	-0.41	0	0	0	0	0	0
1/22/2024 11:15	49803 UNIV_T1	0	1	1	0	0.1	0.1	-1.77	-1.63	0	0	0	0	0	0
1/22/2024 11:15	43001 ALWD_T1	0	5	5	0	0.1	0.1	0	0	0	0	0	0	0	0
1/22/2024 11:15	53901 HAU_T2	45	92	47	0.26	0.37	0.11	-4.29	-4.16	0	0	0	0	0	0
1/22/2024 11:16	43201 MVIL_T2	0	0	0	0	0	0	-0.28	-0.31	0	0	0	0	0	0
1/22/2024 11:16	67402 WAKE_T2	0	0	0	0	0	0	-0.29	-0.29	1	1	0	600	600	0
1/22/2024 11:17	64802 MONE_T2	3	13	10	0.1	0.19	0.09	0	0	0	0	0	0	0	0
1/22/2024 11:17	53903 HAU_T2	3	3	0	0.93	1.03	0.1	-0.2	-0.21	0	0	0	0	0	0
1/22/2024 11:18	55001 NEWP_T1	0	1	1	0	0.1	0.1	0	0	0	0	0	0	0	0
1/22/2024 11:18	64703 LITI_T2	0	0	0	0	0	0	-2	-1.97	0	0	0	0	0	0
1/22/2024 11:20	64101 REFR_T1	0	0	0	0	0	0	0.04	0.03	0	0	0	0	0	0
1/22/2024 11:20	13302 ORVI_T2	0	0	0	0	0	0	1.1	1.13	0	0	0	0	0	0
1/22/2024 11:21	67402 WAKE_T2	0	0	0	0	0	0	-0.29	-0.29	1	0	-1	600	0	-600
1/22/2024 11:22	55105 WERT_T1	0	0	0	0	0	0	-0.39	-0.41	1	1	0	900	900	0
1/22/2024 11:22	60201 ATGL_T2	0	0	0	0	0	0	-0.83	-0.9	2	0	-2	600	0	-600
1/22/2024 11:23	59101 WALK_T2	0	1	1	0	0.4	0.4	1.59	1.42	2	2	0	1050	1050	0
1/22/2024 11:24	51108 CARL_T1	1	1	0	0.3	0.4	0.1	0	0	0	0	0	0	0	0
1/22/2024 11:25	67503 WEWI_T2	0	0	0	0	0	0	0.11	0.08	0	0	0	0	0	0
1/22/2024 11:25	59101 WALK_T2	0	1	1	0	0.4	0.4	1.42	1.35	2	2	0	1050	1050	0
1/22/2024 11:25	51108 CARL_T1	1	1	0	0.3	0.4	0.1	0	0	0	0	0	0	0	0
1/22/2024 11:25	56802 BENV_T2	1	1	0	0.4	0.8	0.4	-2.43	-2.47	0	0	0	0	0	0
1/22/2024 11:26	67402 WAKE_T2	0	0	0	0	0	0	-0.29	0.29	1	0	-1	600	0	-600
1/22/2024 11:26	43001 ALWD_T1	0	5	5	0	0.1	0.1	0	0	0	0	0	0	0	0
1/22/2024 11:27	63404 HONY_T1	2	2	0	5.95	5.9	-0.05	0	0	0	0	0	0	0	0
1/22/2024 11:27	43001 ALWD_T1	0	5	5	0	0.1	0.1	0	0	0	0	0	0	0	0
1/22/2024 11:31	43001 ALWD_T1	3	10	7	0.1	0.17	0.07	0	0	0	0	0	0	0	0
1/22/2024 11:31	44901 SCOT_T2	0	0	0	0	0	0	-0.56	0.18	0	0	0	0	0	0
1/22/2024 11:33	63404 HONY_T1	2	2	0	5.9	5.75	-0.15	0	0	0	0	0

Appendix C - Grid Benefits Achieved in Each Instance of Active Management

1/22/2024 11:52	67502 WEWI_T2	0	1	1	0	0.5	0.5	-1.99	-0.44	2	0	-2	1800	0	-1800
1/22/2024 11:52	57403 SPAN_T1	2	11	9	0.15	0.29	0.14	0	0	0	0	0	0	0	0
1/22/2024 11:53	43001 ALWD_T1	5	11	6	0.1	0.19	0.09	0	0	0	0	0	0	0	0
1/22/2024 11:53	57403 SPAN_T1	2	11	9	0.15	0.29	0.14	0	0	0	0	0	0	0	0
1/22/2024 11:54	61102 BERK_T5	1	0	-1	0.2	0	-0.2	1.33	1.52	1	1	0	300	300	0
1/22/2024 11:54	67502 WEWI_T2	0	1	1	0	0.5	0.5	-0.22	-0.12	1	0	-1	900	0	-900
1/22/2024 11:54	57403 SPAN_T1	2	11	9	0.15	0.29	0.14	0	0	0	0	0	0	0	0
1/22/2024 11:54	60701 BREC_T1	0	1	1	0	0	0	-1.16	-0.06	4	2	-2	2400	1200	-1200
1/22/2024 11:54	67605 WARW_T1	0	1	1	0	0.1	0.1	-1.01	-1.21	0	0	0	0	0	0
1/22/2024 11:55	52204 DEVO_T2	1	3	2	0.5	0.3	-0.2	0	0	0	0	0	0	0	0
1/22/2024 11:55	67503 WEWI_T2	0	0	0	0	0	0	0.24	0.14	0	0	0	0	0	0
1/22/2024 11:55	67605 WARW_T1	0	1	1	0	0.1	0.1	-1.01	-1.21	0	0	0	0	0	0
1/22/2024 11:55	60701 BREC_T1	0	1	1	0	0	0	-0.58	-0.03	2	1	-1	1200	600	-600
1/22/2024 11:55	67502 WEWI_T2	0	1	1	0	0.5	0.5	-0.44	-0.25	2	0	-2	1800	0	-1800
1/22/2024 11:56	54504 ENOL_T2	0	1	1	0	1.8	1.8	-0.98	-0.95	1	1	0	600	600	0
1/22/2024 11:56	61102 BERK_T5	1	0	-1	0.2	0	-0.2	1.33	1.52	1	1	0	300	300	0
1/22/2024 11:57	67502 WEWI_T2	0	1	1	0	0.5	0.5	-0.22	-0.12	1	0	-1	900	0	-900
1/22/2024 11:59	45402 WBLO_T2	34	44	10	0.2	0.3	0.1	-1.39	-1.39	1	1	0	900	900	0
1/22/2024 12:00	47203 FAXO_T2	0	0	0	0	0	0	-0.98	-0.94	0	0	0	0	0	0
1/22/2024 12:00	57401 SPAN_T1	1	2	1	0.2	0.45	0.25	-0.95	-0.91	1	1	0	600	600	0
1/22/2024 12:02	45702 LIND_T2	2	1	-1	0.8	2	1.2	-1.78	-1.78	0	0	0	0	0	0
1/22/2024 12:02	46801 HEPB_T2	0	0	0	0	0	0	0.77	0.74	0	0	0	0	0	0
1/22/2024 12:04	54206 PENN_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1/22/2024 12:07	34802 TREI_T2	0	1	1	0	0.3	0.3	0	0	0	0	0	0	0	0
1/22/2024 12:07	66902 SHIL_T2	1	85	84	0.2	0.14	-0.06	0	0	0	0	0	0	0	0
1/22/2024 12:08	67402 WAKE_T2	0	0	0	0	0	0	0.33	0.29	0	0	0	0	0	0
1/22/2024 12:08	67502 WEWI_T2	1	1	0	0.5	0.3	-0.2	-0.44	-0.25	0	0	0	0	0	0
1/22/2024 12:09	67402 WAKE_T2	0	0	0	0	0	0	0.29	0.27	0	0	0	0	0	0
1/22/2024 12:09	43001 ALWD_T1	10	11	1	0.17	0.19	0.02	0	0	0	0	0	0	0	0
1/22/2024 12:10	61102 BERK_T5	0	0	0	0	0	0	3.03	2.85	2	2	0	600	600	0
1/22/2024 12:10	67502 WEWI_T2	1	1	0	0.5	0.3	-0.2	-0.12	-0.16	0	0	0	0	0	0
1/22/2024 12:10	67503 WEWI_T2	0	0	0	0	0	0	0.07	0.07	0	0	0	0	0	0
1/22/2024 12:11	67502 WEWI_T2	1	1	0	0.5	0.3	-0.2	-0.25	-0.32	0	0	0	0	0	0
1/22/2024 12:11	67502 WEWI_T2	1	1	0	0.5	0.3	-0.2	-0.25	-0.32	0	0	0	0	0	0
1/22/2024 12:11	67605 WARW_T1	1	0	-1	0.1	0	-0.1	-1.21	-1.24	0	0	0	0	0	0
1/22/2024 12:11	61102 BERK_T5	1	0	-1	0	0	0	1.52	1.42	1	1	0	300	300	0
1/22/2024 12:12	67503 WEWI_T2	0	0	0	0	0	0	0.07	0.07	0	0	0	0	0	0
1/22/2024 12:12	46801 HEPB_T2	0	0	0	0	0	0	0.74	0.76	0	0	0	0	0	0
1/22/2024 12:12	67502 WEWI_T2	1	1	0	0.5	0.3	-0.2	-0.12	-0.16	0	0	0	0	0	0
1/22/2024 12:13	53601 DALM_T2	1	1	0	0.4	0.6	0.2	-0.64	-0.63	1	1	0	600	600	0
1/22/2024 12:13	67402 WAKE_T2	0	0	0	0	0	0	0.29	0.27	0	0	0	0	0	0
1/22/2024 12:14	63401 HONY_T1	0	0	0	0	0	0	0.41	0.23	1	0	-1	600	0	-600
1/22/2024 12:18	45702 LIND_T2	1	0	-1	1.8	2	0.2	-1.78	-1.8	0	0	0	0	0	0
1/22/2024 12:22	65604 QVIL_T2	0	0	0	0	0	0	0.47	0.47	0	0	0	0	0	0
1/22/2024 12:23	61103 BERK_T5	0	0	0	0	0	0	0.1	0.04	0	0	0	0	0	0
1/22/2024 12:24	67402 WAKE_T2	0	0	0	0	0	0	0.27	0.29	0	0	0	0	0	0
1/22/2024 12:24	61103 BERK_T5	0	0	0	0	0	0	0.04	0.08	0	0	0	0	0	0
1/22/2024 12:26	67605 WARW_T1	0	0	0	0	0	0	-1.24	-1.28	0	0	0	0	0	0
1/22/2024 12:26	61103 BERK_T5	0	0	0	0	0	0	0.04	0.08	0	0	0	0	0	0
1/22/2024 12:29	67402 WAKE_T2	0	0	0	0	0	0	0.27	0.29	0	0	0	0	0	0
1/22/2024 12:36	15604 NSTR_T1	1	1	0	1.1	1	-0.1	-0.5	-0.49	0	0	0	0	0	0
1/22/2024 12:36	45402 WBLO_T2	44	37	-7	0.27	0.24	-0.03	-1.44	-1.45	1	1	0	900	900	0
1/22/2024 12:39	51102 CARL_T1	0	2	2	0	0.1	0.1	0	0	0	0	0	0	0	0
1/22/2024 12:40	54505 ENOL_T2	1	1	0	0.5	0.7	0.2	0	0	0	0	0	0	0	0
1/22/2024 12:43	61101 BERK_T5	0	0	0	0	0	0	-0.98	-0.95	0	0	0	0	0	0
1/22/2024 12:43	51108 CARL_T1	1	1	0	0.2	0.6	0.4	0	0	0	0	0	0	0	0
1/22/2024 12:56	54503 ENOL_T2	0	0	0	1	0	0	-1.82	-1.82	1	1	0	600	600	0
1/22/2024 12:56	54503 ENOL_T2	0	0	0	0	0	0	-1.82	-1.82	1	1	0	600	600	0
1/22/2024 12:57	54502 ENOL_T2	0	0	0	0	0	0	-1.12	-1.05	1	1	0	600	600	0
1/22/2024 12:58	54505 ENOL_T2	1	1	0	0.7	0.8	0.1	-1.19	-1.17	1	1	0	600	600	0
1/22/2024 12:58	54505 ENOL_T2	1	1	0	0.7	0.8	0.1	-1.19	-1.17	1	1	0	600	600	0
1/22/2024 12:59	54502 ENOL_T2	0	0	0	0	0	0	-1.12	-1.05	1	1	0	600	600	0
1/22/2024 12:59	54502 ENOL_T2	0	0	0	0	0	0	-1.12	-1.05	1	1	0	600	600	0
1/22/2024 13:00	54501 ENOL_T2	0	0	0	0	0	0	0.14	0.16	0	0	0	0	0	0
1/22/2024 13:00	54505 ENOL_T2	1	1	0	0.7	1	0.3	0	0	0	0	0	0	0	0
1/22/2024 13:01	54505 ENOL_T2	1	1	0	0.7	1	0.3	-1.19	-1.17	1	1	0	600	600	0
1/22/2024 13:08	67502 WEWI_T2	0	1	1	0	0.2	0.2	-0.16	-0.33	0	0	0	0	0	0
1/22/2024 13:08	67502 WEWI_T2	0	1	1	0	0.2	0.2	-0.16	-0.33	0	0	0	0	0	0
1/22/2024 13:09	67502 WEWI_T2	0	1	1	0	0.2	0.2	-0.5	-0.28	0	0	0	0	0	0
1/22/2024 13:09	67503 WEWI_T2	0	0	0	0	0	0	-0.03	-0.03	0	0	0	0	0	0
1/22/2024 13:10	67503 WEWI_T2	0	0	0	0	0	0	-0.03	-0.03	0	0	0	0	0	0
1/22/2024 13:11	67502 WEWI_T2	0	1	1	0	0.2	0.2	-0.33	-0.19	0	0	0	0	0	0
1/22/2024 13:21	54206 PENN_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1/22/2024 13:22	63803 HEMP_T1	8	3	-5	0.16	0.23	0.07	0	0	0	0	0	0	0	0
1/22/2024 13:31	42902 MIDD_T2	3	1	-2	0.53	0	-0.53	0	0	0	0	0	0	0	0
1/22/2024 13:37	34801 TREI_T2	2	10	8	0.25	0.27	0.02	0.44	0.44	0	0	0	0	0	0
1/22/2024 13:37	67402 WAKE_T2	0	0	0	0	0	0	0.25	0.31	0	0	0	0	0	0
1/22/2024 13:40	67502 WEWI_T2	1	1	0	0.1	0.1	0	0	0	0	0	0	0	0	0
1/22/2024 13:42	67402 WAKE_T2	0	0	0	0	0	0	0.31	0.33	0	0	0	0	0	0
1/22/2024 13:42	67503 WEWI_T2	0	0	0	0	0	0	0.04	-0.05	0	0	0	0	0	0
1/22/2024 13:53	67502 WEWI_T2	1	0	-1	0.1	0	-0.1	-0.13	-0.04	0	0	0	0	0	0
1/22/2024 13:53	67402 WAKE_T2	0	0	0	0	0	0	0.31	0.33	0	0	0	0	0	0
1/22/2024 13:54	43001 ALWD_T1	10	12	2	0.17	0.3	0.13	0	0	0	0	0	0	0	0
1/22/2024 13:57	53601 DALM_T2	0	0	0	0	0	0	-0.22	-0.15	2	2	0	1200	1200	0
1/22/2024 13:58	67402 WAKE_T2	0	0	0	0	0	0	0.33	0.28	0	0	0	0	0	0
1/22/2024 13:59	53601 DALM_T2	0	0	0	0	0	0	-0.22	-0.15	2	2	0	1200	1200	0
1/22/2024 14:01	47203 FAXO_T2	0	0	0	0	0	0	-0.96	-0.95	0	0	0	0	0	0
1/22/2024 14:03	45702 LIND_T2	1	1	0	1.6	1.5	-0.1	-1.78	-1.79	0	0	0	0	0	0
1/22/2024 14:07	64202 KINZ_T1	2	0	-2	0.15	0	-0.15	0	0	0	0	0	0	0	0
1/22/2024 14:08	44903 SCOT_T1	0	0	0	0	0	0	1.18	1.1	0	0	0	0	0	0
1/22/2024 14:08	67503 WEWI_T2	0	0	0	0	0	0	-0.05	-0.06	0	0	0	0	0	0
1/22/2024 14:08	67602 WARW_T2	0	1	1	0	0	0	2.64	2.83	0	0	0	0	0	0
1/22/2024 14:08	60803 BUCK_T1	0	0	0	0	0	0	-0.52	-0.53	1	1	0	600	600	0
1/22/2024 14:09	67502 WEWI_T2	0	0	0	0	0	0	-0.02	-0.08	0	0	0	0	0	0
1/22/2024 14:09	44901 SCOT_T2	0	0	0	0	0	0	0.2	0.23	0	0	0	0	0	0
1/22/2024 14:09	64202 KINZ_T1	2	0	-2	0.15	0	-0.15	0	0	0	0	0	0	0	0
1/22/2024 14:09	44301 BEAV_T2	0	0	0	0	0	0	-0.08	-0.21	2	2	0	1500	1500	0
1/22/2024 14:09	67402 WAKE_T2	0	0	0	0	0	0	0.28	0.28	0	0	0	0	0	0
1/22/2024 14:10	44301 BEAV_T2	0	0	0	0	0	0	-0.31	-0.84	8	8	0	6000	6000	0
1/22/2024 14:10	44901 SCOT_T2	0	0	0	0	0	0	0.2	0.23	0	0	0	0	0	0
1/22/2024 14:10	10801 CHHI_T1	1	0	-1	0.3	0	-0.3	0	-0.84	1	1	0	900	900	0
1/22/2024 14:11	60803 BUCK_T1	0	0	0	0	0	0	-0.53	-0.5	1	1	0	600	600	0
1/22/2024 14:11	44903 SCOT_T1	0	0	0	0	0	0	0.55	0.58	0	0	0	0	0	0
1/22/2024 14:11	44301 BEAV_T2	0	0	0	0	0	0	-0.08	-0.21	2	2	0	1500	1500	0
1/22/2024 14:12	47203 FAXO_T2	0	0	0	0	0	0	-0.95	-0.95	0	0	0	0	0	0
1/22/2024 14:12	67602 WARW_T2	0	1	1	0	0	0	1.42	0.52	0	0	0	0	0	0
1/22/2024 14:13	60803 BUCK_T1	0	0	0	0	0	0	-0.53	-0.5	1	1	0	600	600	0
1/22/2024 14:13	10805 CHHI_T2	7	9	2	1.9	1.45	-0.45	2	-0.08	0	0	0	0	0	0
1/22/2024 14:13	60801 BUCK_T1	0	0	0	0	0	0	0.02	0.02	0	0	0	0	0	0
1/22/2024 14:13	44901 SCOT_T2	0	0	0	0	0	0	0.2	0.23	0	0	0	0	0	0
1/22/2024 14:13	44903 SCOT_T1	0	0	0	0	0	0	1.65	1.75	0	0	0	0	0	0
1/22/2024 14:13	44301 BEAV_T2	0	0	0	0	0	0	-0.08	-0.21	2	2	0	1500	1500	0
1/22/2024 14:14	45702 LIND_T2	1	1	0	1.6	1.5	-0.1	-1.79	-1.8	0	0	0	0	0	0
1/22/2024 14:14	67402 WAKE_T2	0	0	0	0	0	0	0.28	0.28	0	0	0	0	0	0
1/22/2024 14:15	63401 HONY_T1	0	0	0	0	0	0	0.28	0.28	1	1	0	600	600	0
1/22/2024 14:15	42903 MIDD_T2	0	2	2	0	0.2	0.2	0.39	0.44	1	1	0	1200	1200	0
1/22/2024 14:18	13302 ORVI_T2	9	0	-9	0.12	0	-0.12	1.84	1.73	0	0	0	0	0	0
1/22/2024 14:20	13302 ORVI_T2	9	0	-9	0.12	0	-0.12	1.84	1.73	0	0	0	0	0	0
1/22/2024 14:21	13302 ORVI_T2	9	0	-9	0.12	0	-0.12	0.92	0.86	0	0	0	0	0	0
1/22/2024 14:21	14403 SSLA_T1	0	0	0	0	0	0	0.86	0.91	0	0	0	0	0	0
1/22/2024 14:21	45402 WBLO_T2	0	0	0	0	0	0	-0.46	-0.49	0	0	0	0	0	0
1/22/2024 14:21	64204 KINZ_T1	1	0	-1	0	0.8	0.8	1	0	0	0	0	0	0	0
1/22/2024 14:22	57401 SPAN_T1	2	1	-1	0.25	0.1	-0.15	-2.7	-2.66	4	4	0	2400	2400	0
1/22/2024 14:22	14403 SSLA_T1	0	0	0	0	0	0	0.86	0.91	0	0	0	0	0	0
1/22/2024 14:22	13302 ORVI_T2	9	0	-9	0.12	0	-0.12	0.92	0.86	0	0	0	0	0	0
1/22/2024 14:22	64204 KINZ_T1	0	1	1	0	0.8	0.8	0	0	0	0	0	0	0	0
1/22/2024 14:23	64201 KINZ_T1	0	0	0	0	0	0	0.09	0.16	3	3	0	1500	1500	0
1/22/2024 14:23	67503 WEWI_T2	0	0	0	0	0	0	-0.06	0.09	0	0	0	0	0	0
1/22/2024 14:24	57401 SPAN_T1	2	1	-1	0.25	0.1	-0.15	-0.67	-0.64	1	1	0	600	600	0
1/22/2024 14:24	67503 WEWI_T2	0	0	0	0	0	0	0.09	-0.03	0	0	0	0	0	0
1/22/2024 14:25	64201 KINZ_T1	0	0	0	0	0	0	0.16	0.15	3	3	0	1500	1500	0
1/22/2024 14:25	10801 CHHI_T1	0	0	0	0	0	0	-0.84	-0.85	1	1	0	900	900	0
1/22/2024 14:25	55105 WERT_T1	0	0	0	0	0	0	-0.43	-0.41	1	1	0	900	900	0
1/22/2024 14:25	57401 SPAN_T1	2	1	-1	0.25	0.1	-0.15	-0.67	-0.64	1	1	0	600	600	0
1/22/2024 14:25	43001 ALWD_T1	11	10	-1	0.25	0.18	-0.07	0	0	0	0	0	0	0	0
1/22/2024 14:25	46203 DANV_T2	0	1	1	0	0	0	0.38	0.44	0	0	0	0	0	0
1/22/2024 14:25	53601 DALM_T2	0	0	0	0	0	0	-0.12	-0.05	1	1	0	600	600	0
1/22/2024 14:26	46206 DANV_T2	0	0	0	0	0	0	0.94	1.46	1	1	0	1200	1200	0
1/22/2024 14:26	46206 DANV_T2	0	0	0	0	0	0	0.94	1.46	1	1	0	1200	1200	0
1/22/2024 14:26	57401 SPAN_T1	2	1	-1	0.25	0.1	-0.15	-0.67	-0.64	1	1	0	600	600	0
1/22/2024 14:27	46203 DANV_T2	0	1	1	0	0	0	0.19	0.22	0	0	0	0	0	0
1/22/2024 14:28	46206 DANV_T2	0	0	0	0	0	0	0.94	1.46	1	1	0	1200	1200	0
1/22/2024 14:28	40902 JESH_T1	0	0	0	0	0	0	-0.51	-0.49	0	0	0	0	0	0
1/22/2024 14:29	46203 DANV_T2	0	1	1	0	0	0	0	0	0	0	0	0	0	0
1/22/2024 14:29	27101 GFLD_T2	0	0	0	0	0	0	0.32	0.31	0	0	0	0	0	0
1/22/2024 14:30	46203 DANV_T2	0	2	2	0	0	0	0	0	0	0	0	0	0	0
1/22/2024 14:31	63401 HONY_T1	0	0	0	0	0	0	0.28	0.19	1	1	0	600	600	0
1/22/2024 14:32	13302 ORVI_T2	0	0	0	0	0	0	0.86	0.81	0	0	0	0	0	0
1/22/2024 14:32	42903 MIDD_T2	0	2	2	0	0.2	0.2	0	0	0	0	0	0	0	0
1/22/2024 14:34	64101 REFR_T1	0	0	0	0	0	0	0.03	0.02	0	0	0	0	0	0
1/22/2024 14:35	57401 SPAN_T1	0	2	2	0	0.4	0.4	-1.33	-1.27	2	2	0	1200	1200	0
1/22/2024 14:35	64101 REFR_T1	0	0	0	0	0	0	0.03	0.02	0	0	0	0	0	0
1/22/2024 14:36	66703 STRA_T1	0	0	0	0	0	0	0.01	0.07	0	0	0	0	0	0
1/22/2024 14:36	52501 PROG_T1	0	0	0	0	0	0	0.39	0.4	1	1	0	300	300	0
1/22/2024 14:37	59101 WALK_T2	0	0	0	0	0	0	1.12	1.13	0	0	0	0	0	0
1/22/2024 14:37	56801 BENV_T1	1	4	3	0.1	0.18	0.08	-0.56	-0.55	1	1	0	600	600	0
1/22/2024 14:37	45402 WBLO_T2	0	0	0	0	0	0	-0.49	-0.49	0	0	0	0	0	0
1/22/2024 14:37	57401 SPAN_T1	0	2	2	0	0.4	0.4	-0.67	-0.64	1	1	0	600	600	0
1/22/2024 14:38	57401 SPAN_T1	0	2	2	0	0.4	0.4	-2	-1.91	3	3	0	1800	1800	0
1/22/2024 14:38	67503 WEWI_T2	0	1	1	0	0	0	0.09	-0.03	0	0	0	0	0	0
1/22/2024 14:38	56801 BENV_T1	1	4	3	0.1	0.18	0.08	-1.13	-1.11	2	2	0	1200	1200	0
1/22/2024 14:38	57403 SPAN_T1	0	0	0	0	0	0	0.2	0.21	0	0	0	0	0	0
1/22/2024 14:39	43001 ALWD_T1	8	11	3	0.16	0.23	0.07	0	0	0	0	0	0	0	0
1/22/2024 14:39	57401 SPAN_T1	0	2	2	0	0.4	0.4	0	0	0	0	0	0	0	0
1/22/2024 14:39	61102 BERK_T5	0	0	0	0	0	0	0.42	0.55	1	1	0	300	300	0
1/22/2024 14:39	56801 BENV_T1	1	4	3	0.1	0.18	0.08	-0.55	-0.58	1	1	0	600	600	0
1/22/2024 14:40	51108 CARL_T1	0	1	1	0	0.2	0.2	0	0	0	0	0	0	0	0
1/22/2024 14:40	67402 WAKE_T2	0	0	0	0	0	0	0.66	0.6	0	0	0	0	0	0
1/22/2024 14:40	56801 BENV_T1	1	4	3	0.1	0.18	0.08	-0.55	-0.58	1	1	0	600	600	0
1/22/2024 14:40	46203 DANV_T2	0	2	2	0	0	0	0.22	0.2	0	0	0	0	0	0
1/22/2024 14:40	53601 DALM_T2	0	0	0	0	0	0	-0.05	-0.12	1	1	0	600	600	0
1/22/2024 14:40	57401 SPAN_T1	0	2	2	0	0.4	0.4	-0.64	-0.64	1	1	0	600	600	0
1/22/2024 14:41	10801 CHHI_T1	0	0	0	0	0	0	-0.85	-0.85	1	1	0	900	900	0
1/22/2024 14:41	43001 ALWD_T1	8	11	3	0.16	0.23	0.07	0	0	0	0	0	0	0	0
1/22/2024 14:41	67503 WEWI_T2	0	1	1	0	0	0	-0.03	0.1	0	0	0	0	0	0
1/22/2024 14:41	46203 DANV_T2	0	2	2	0	0	0	0.44	0.4	0	0	0	0	0	0
1/22/2024 14:41	46302 ROHR_T1	2	2	0	1.6	1.8	0.2	0	0	0	0	0	0	0	0
1/22/2024 14:41	55105 WERT_T1	0	0	0	0	0	0	-0.41	-0.4	1	1	0	900	900	0

Appendix C - Grid Benefits Achieved in Each Instance of Active Management

1/22/2024 15:10	10805 CHHI_T2	10	13	3	1.81	2.64	0.83	-0.12	0	0	0	0	0	0	0
1/22/2024 15:10	43001 ALWD_T1	9	12	3	0.24	0.26	0.02	0	0	0	0	0	0	0	0
1/22/2024 15:11	46301 ROHR_T1	0	24	24	0	0.16	0.16	0	0	0	0	0	0	0	0
1/22/2024 15:12	43103 SMIL_T2	4	2	-2	0.48	0.15	-0.33	0	0	0	0	0	0	0	0
1/22/2024 15:12	67402 WAKE_T2	0	0	0	0	0	0	0.32	0.28	0	0	0	0	0	0
1/22/2024 15:13	53903 HALI_T2	2	2	0	0.95	1.1	0.15	-0.22	-0.21	0	0	0	0	0	0
1/22/2024 15:13	67901 WNHO_T2	0	0	0	0	0	0	-0.25	-0.28	1	1	0	900	900	0
1/22/2024 15:14	49803 UNIV_T1	0	0	0	0	0	0	-0.83	-0.86	0	0	0	0	0	0
1/22/2024 15:15	43001 ALWD_T1	11	12	1	0.26	0.18	-0.08	0	0	0	0	0	0	0	0
1/22/2024 15:15	53901 HALI_T2	10	89	79	0.13	0.3	0.17	0	0	0	0	0	0	0	0
1/22/2024 15:15	46801 HEPB_T2	0	0	0	0	0	0	0.73	0.7	0	0	0	0	0	0
1/22/2024 15:17	53903 HALI_T2	2	2	0	1.1	0.8	-0.3	-0.22	-0.21	0	0	0	0	0	0
1/22/2024 15:20	58302 NOTT_T1	0	0	0	0	0	0	-0.51	-0.47	1	1	0	1200	1200	0
1/22/2024 15:22	67402 WAKE_T2	0	0	0	0	0	0	0.32	0.28	0	0	0	0	0	0
1/22/2024 15:23	57403 SPAN_T1	0	0	0	0	0	0	0.22	0.22	0	0	0	0	0	0
1/22/2024 15:26	43001 ALWD_T1	11	12	1	0.26	0.18	-0.08	0	0	0	0	0	0	0	0
1/22/2024 15:28	67402 WAKE_T2	0	0	0	0	0	0	0.28	0.29	0	0	0	0	0	0
1/22/2024 15:31	43001 ALWD_T1	10	10	0	0.19	0.23	0.04	0	0	0	0	0	0	0	0
1/22/2024 15:35	53901 HALI_T2	11	97	86	0.14	0.3	0.16	0	0	0	0	0	0	0	0
1/22/2024 15:38	67402 WAKE_T2	0	0	0	0	0	0	0.28	0.29	0	0	0	0	0	0
1/22/2024 15:38	14403 SSLA_T1	0	0	0	0	0	0	0.91	0.98	0	0	0	0	0	0
1/22/2024 15:40	46203 DANV_T2	1	2	1	0	0	-1	0	0	0	0	0	0	0	0
1/22/2024 15:41	46206 DANV_T2	0	4	4	0	0	0	2.16	2.57	1	1	0	1200	1200	0
1/22/2024 15:41	61101 BERK_T5	0	0	0	0	0	0	-1.01	-1.05	0	0	0	0	0	0
1/22/2024 15:42	46204 DANV_T2	0	1	1	0	0	0	0	0	0	0	0	0	0	0
1/22/2024 15:43	67402 WAKE_T2	0	0	0	0	0	0	0.29	0.29	0	0	0	0	0	0
1/22/2024 15:46	49803 UNIV_T1	0	0	0	0	0	0	-0.84	-0.84	0	0	0	0	0	0
1/22/2024 15:47	40902 JESH_T1	0	0	0	0	0	0	-0.57	-0.55	0	0	0	0	0	0
1/22/2024 15:49	13302 ORVI_T2	0	6	6	0	0.1	0.1	0.83	0.88	0	0	0	0	0	0
1/22/2024 15:51	55002 NEWP_T1	3	4	1	0.37	0.58	0.21	-0.14	-0.17	0	0	0	0	0	0
1/22/2024 15:52	43001 ALWD_T1	10	12	2	0.18	0.27	0.09	0	0	0	0	0	0	0	0
1/22/2024 15:54	59102 WALK_T2	0	0	0	0	0	0	-0.08	-0.19	1	1	0	600	600	0
1/22/2024 15:55	65901 SAKR_T2	1	1	0	8.5	8.5	0	0	0	0	0	0	0	0	0
1/22/2024 15:55	56802 BENV_T2	0	2	2	0	0.15	0.15	-3.55	-3.55	0	0	0	0	0	0
1/22/2024 15:57	61101 BERK_T5	0	0	0	0	0	0	-1.05	-1.02	0	0	0	0	0	0
1/22/2024 15:57	43001 ALWD_T1	10	12	2	0.18	0.27	0.09	0	0	0	0	0	0	0	0
1/22/2024 16:11	67904 WNHO_T1	0	0	0	0	0	0	-2.07	-2.1	2	2	0	2100	2100	0
1/22/2024 16:11	65902 SAKR_T2	0	0	0	0	0	0	-0.24	-0.02	1	1	0	300	300	0
1/22/2024 16:23	50501 MECH_T1	1	4	3	0.1	0.35	0.25	0	0	0	0	0	0	0	0
1/22/2024 16:24	50506 MECH_T1	0	0	0	0	0	0	-0.01	-0.04	0	0	0	0	0	0
1/22/2024 16:25	50501 MECH_T1	1	4	3	0.1	0.35	0.25	0	0	0	0	0	0	0	0
1/22/2024 16:29	65001 NEFF_T2	0	0	0	0	0	0	-0.67	-0.6	1	1	0	1200	1200	0
1/22/2024 16:32	60201 ATGL_T2	0	0	0	0	0	0	0.29	0.32	1	1	0	300	300	0
1/22/2024 16:36	67402 WAKE_T2	0	0	0	0	0	0	0.35	0.34	0	0	0	0	0	0
1/22/2024 16:41	67402 WAKE_T2	0	0	0	0	0	0	0.34	0.38	0	0	0	0	0	0
1/22/2024 16:41	56801 BENV_T1	0	2	2	0	0.2	0.2	-0.52	-0.53	1	1	0	600	600	0
1/22/2024 16:45	65001 NEFF_T2	0	0	0	0	0	0	-0.6	-0.64	1	1	0	1200	1200	0
1/22/2024 16:52	67402 WAKE_T2	0	0	0	0	0	0	0.34	0.38	0	1	1	0	600	600
1/22/2024 16:57	67402 WAKE_T2	0	0	0	0	0	0	0.38	0.23	0	1	1	0	600	600
1/22/2024 17:00	65001 NEFF_T2	0	0	0	0	0	0	-0.64	-0.76	1	1	0	1200	1200	0
1/22/2024 17:07	67502 WEWI_T2	0	0	0	0	0	0	-0.25	-0.2	0	0	0	0	0	0
1/22/2024 17:09	59101 WALK_T2	0	0	0	0	0	0	0.77	0.53	0	2	2	0	1050	1050
1/22/2024 17:19	64902 MILL_T2	0	0	0	0	0	0	-0.66	-0.61	1	1	0	900	900	0
1/22/2024 17:23	50502 MECH_T1	1	1	0	1.1	1.3	0.2	0	0	0	0	0	0	0	0
1/22/2024 17:28	43104 SMIL_T2	0	0	0	0	0	0	-0.66	-0.64	1	1	0	300	300	0
1/22/2024 17:34	47401 PENS_T1	0	0	0	0	0	0	0.89	0.87	0	0	0	0	0	0
1/22/2024 17:36	47403 PENS_T1	1	1	0	2	2	0	0	0	0	0	0	0	0	0
1/22/2024 17:37	47403 PENS_T1	1	1	0	2	2	0	0	0	0	0	0	0	0	0
1/22/2024 17:38	64101 REFR_T1	0	0	0	0	0	0	0.07	0.1	0	0	0	0	0	0
1/22/2024 17:50	43101 SMIL_T2	1	4	3	3.4	0.3	-3.1	0	0	0	0	0	0	0	0
1/22/2024 17:51	46903 MNTG_T2	0	0	0	0	0	0	-0.36	-0.3	1	1	0	600	600	0
1/22/2024 17:54	56504 ROCK_T2	0	0	0	0	0	0	-0.24	-0.25	0	0	0	0	0	0
1/22/2024 17:56	67904 WNHO_T1	0	0	0	0	0	0	-2.13	-2.13	2	2	0	2100	2100	0
1/22/2024 18:02	56802 BENV_T2	0	1	1	0	0.2	0.2	-1.09	-1.11	0	0	0	0	0	0
1/22/2024 18:04	56802 BENV_T2	0	1	1	0	0.2	0.2	-1.09	-1.11	0	0	0	0	0	0
1/22/2024 18:05	43101 SMIL_T2	1	1	0	1.8	0.3	-1.5	0	0	0	0	0	0	0	0
1/22/2024 18:05	53903 HALI_T2	2	2	0	1.05	1.1	0.05	-0.17	-0.18	0	0	0	0	0	0
1/22/2024 18:09	43102 SMIL_T2	2	2	0	0.25	0.25	0	0	0	0	0	0	0	0	0
1/22/2024 18:09	65001 NEFF_T2	0	0	0	0	0	0	-0.7	-0.65	1	1	0	1200	1200	0
1/22/2024 18:15	49803 UNIV_T1	0	0	0	0	0	0	-0.91	-0.88	0	0	0	0	0	0
1/22/2024 18:24	56801 BENV_T1	4	12	8	0.23	0.71	0.48	-0.44	-0.47	1	1	0	600	600	0
1/22/2024 18:27	43201 MVIL_T2	0	1	1	0	0	0	-0.3	-0.32	0	0	0	0	0	0
1/22/2024 18:30	57404 SPAN_T2	0	0	0	0	0	0	0.02	0.06	1	1	0	1200	1200	0
1/22/2024 18:30	56801 BENV_T1	3	12	9	0.57	0.84	0.27	-0.44	-0.47	1	1	0	600	600	0
1/22/2024 18:32	16302 ALPA_T2	1	0	-1	0.5	0	-0.5	-0.57	-0.58	0	0	0	0	0	0
1/22/2024 18:32	16401 MOPO_T1	1	0	-1	0.2	0	-0.2	0	0	0	0	0	0	0	0
1/22/2024 18:33	28704 HAML_T2	1	2	1	0.7	0.35	-0.35	-0.71	-0.7	0	0	0	0	0	0
1/22/2024 18:35	65001 NEFF_T2	0	0	0	0	0	0	-0.65	-0.8	1	1	0	1200	1200	0
1/22/2024 18:38	17805 GILB_T2	0	0	0	0	0	0	-0.62	-0.64	0	0	0	0	0	0
1/22/2024 18:38	67503 WEWI_T2	0	0	0	0	0	0	0.16	0.15	0	0	0	0	0	0
1/22/2024 18:44	57401 SPAN_T1	0	0	0	0	0	0	-0.54	-0.51	1	1	0	600	600	0
1/22/2024 18:45	56802 BENV_T2	1	0	-1	0.1	0	-0.1	-2.22	-2.27	0	0	0	0	0	0
1/22/2024 18:47	45501 DERR_T2	4	3	-1	0.45	0.2	-0.25	1.47	1.46	1	1	0	600	600	0
1/22/2024 18:49	56501 ROCK_T2	4	1	-3	0.18	1	0.82	-1.5	-1.49	0	0	0	0	0	0
1/22/2024 18:49	61306 EARL_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1/22/2024 18:50	52101 MEIS_T1	1	1	0	1.2	1.1	-0.1	0	0	0	0	0	0	0	0
1/22/2024 18:50	64204 KINZ_T1	1	1	0	0.1	0.1	0	0	0	0	0	0	0	0	0
1/22/2024 18:50	61306 EARL_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1/22/2024 18:52	26401 INOR_T1	0	3	3	0	0	0	0.55	0.54	0	0	0	0	0	0
1/22/2024 18:52	16302 ALPA_T2	0	0	0	0	0	0	-0.58	-0.5	0	0	0	0	0	0
1/22/2024 18:52	56501 ROCK_T2	4	1	-3	0.18	1	0.82	-3	-2.98	0	0	0	0	0	0
1/22/2024 18:52	44901 SCOT_T2	0	0	0	0	0	0	-0.06	-0.04	0	0	0	0	0	0
1/22/2024 18:52	27101 GFLD_T2	0	0	0	0	0	0	-0.44	-0.45	1	1	0	600	600	0
1/22/2024 18:54	57401 SPAN_T1	0	0	0	0	0	0	-0.51	-0.51	1	1	0	600	600	0
1/22/2024 18:54	16402 MOPO_T1	6	3	-3	0.17	0.5	0.33	0.23	0.22	0	0	0	0	0	0
1/22/2024 18:55	56501 ROCK_T2	4	1	-3	0.18	1	0.82	-1.49	-1.41	0	0	0	0	0	0
1/22/2024 18:55	56801 BENV_T1	12	11	-1	0.71	0.81	0.1	-0.48	-0.46	1	1	0	600	600	0
1/22/2024 18:55	57401 SPAN_T1	0	0	0	0	0	0	-0.51	-0.51	1	1	0	600	600	0
1/22/2024 18:55	62604 ENGL_T1	0	0	0	0	0	0	-1.06	-1	0	0	0	0	0	0
1/22/2024 18:55	46302 ROHR_T2	2	2	0	0.85	1.35	0.5	0.3	0.33	0	0	0	0	0	0
1/22/2024 18:56	57304 MOAL_T2	1	0	-1	0.1	0	-0.1	-0.04	0.02	0	0	0	0	0	0
1/22/2024 18:56	44903 SCOT_T1	0	0	0	0	0	0	-1.48	-1.49	0	0	0	0	0	0
1/22/2024 18:56	51102 CARL_T1	33	33	0	0.17	0.16	-0.01	0	0	0	0	0	0	0	0
1/22/2024 18:56	53903 HALI_T2	2	2	0	1.3	1.35	0.05	0	0	0	0	0	0	0	0
1/22/2024 18:56	17805 GILB_T2	0	0	0	0	0	0	-0.59	-0.62	0	0	0	0	0	0
1/22/2024 18:56	53601 DALM_T2	0	0	0	0	0	0	-0.66	-0.62	1	1	0	600	600	0
1/22/2024 18:56	46004 BERW_T2	1	3	2	1.1	0.6	-0.5	-0.68	-0.68	0	0	0	0	0	0
1/22/2024 18:57	66505 SMAN_T2	2	3	1	0.45	0.43	-0.02	-0.39	-0.27	1	1	0	900	900	0
1/22/2024 18:57	44903 SCOT_T1	0	0	0	0	0	0	-0.74	-0.75	0	0	0	0	0	0
1/22/2024 18:57	52002 LING_T2	0	0	0	0	0	0	-0.06	-0.01	0	0	0	0	0	0
1/22/2024 18:57	56801 BENV_T1	12	11	-1	0.71	0.81	0.1	-0.48	-0.46	1	1	0	600	600	0
1/22/2024 18:58	56501 ROCK_T2	4	1	-3	0.18	1	0.82	-1.49	-1.41	0	0	0	0	0	0
1/22/2024 18:59	56801 BENV_T1	12	11	-1	0.71	0.81	0.1	-0.48	-0.46	1	1	0	600	600	0
1/22/2024 18:59	53501 EVIL_T2	3	6	3	0.23	0.37	0.14	-1.47	-1.45	2	2	0	1200	1200	0
1/22/2024 18:59	53901 HALI_T2	104	44	-60	0.38	0.18	-0.2	-1.39	-1.45	0	0	0	0	0	0
1/22/2024 19:00	17802 GILB_T1	0	1	1	0	0	0	0.25	0.23	0	0	0	0	0	0
1/22/2024 19:00	14403 SSLA_T1	0	0	0	0	0	0	1.01	0.98	0	0	0	0	0	0
1/22/2024 19:00	16302 ALPA_T2	0	0	0	0	0	0	-0.5	-0.6	0	0	0	0	0	0
1/22/2024 19:00	56801 BENV_T1	11	0	-11	0.81	0	-0.81	-0.48	-0.46	1	1	0	600	600	0
1/22/2024 19:01	16101 BING_T2	161	152	-9	1.01	0.97	-0.04	-0.21	-0.22	0	0	0	0	0	0
1/22/2024 19:01	17804 GILB_T2	0	0	0	0	0	0	-0.42	-0.42	0	0	0	0	0	0
1/22/2024 19:01	56504 ROCK_T2	0	0	0	0	0	0	-0.3	-0.29	0	0	0	0	0	0
1/22/2024 19:01	17805 GILB_T2	0	0	0	0	0	0	-1.18	-1.24	0	0	0	0	0	0
1/22/2024 19:02	17802 GILB_T1	0	1	1	0	0	0	0.25	0.23	0	0	0	0	0	0
1/22/2024 19:02	42701 AUGU_T1	7	5	-2	0.94	0.7	-0.24	0	0	1	1	0	600	600	0
1/22/2024 19:02	44601 SALE_T2	0	0	0	0	0	0	-0.05	0.01	0	0	0	0	0	0
1/22/2024 19:02	57401 SPAN_T1	0	0	0	0	0	0	-0.51	-0.51	1	1	0	600	600	0
1/22/2024 19:02	56802 BENV_T2	0	0	0	0	0	0	-2.27	-2.18	0	0	0	0	0	0
1/22/2024 19:02	17805 GILB_T2	0	0	0	0	0	0	-0.59	-0.62	0	0	0	0	0	0
1/22/2024 19:02	46901 MNTG_T2	0	0	0	0	0	0	1.52	1.29	0	0	0	0	0	0
1/22/2024 19:03	17802 GILB_T1	0	1	1	0	0	0	0.25	0.23	0	0	0	0	0	0
1/22/2024 19:03	67204 TEHI_T2	0	0	0	0	0	0	0.26	0.24	0	0	0	0	0	0
1/22/2024 19:03	53903 HALI_T2	2	2	0	1	1.35	0.35	-0.2	-0.2	0	0	0	0	0	0
1/22/2024 19:04	67204 TEHI_T2	0	0	0	0	0	0	0.26	0.24	0	0	0	0	0	0
1/22/2024 19:04	46301 ROHR_T1	0	12	12	0	0.15	0.15	0	0	0	0	0	0	0	0
1/22/2024 19:04	64702 LITI_T2	0	0	0	0	0	0	-0.75	-0.75	0	0	0	0	0	0
1/22/2024 19:04	64801 MONE_T2	0	0	0	0	0	0	-0.1	-0.09	0	0	0	0	0	0
1/22/2024 19:04	56802 BENV_T2	0	0	0	0	0	0	-2.27	-2.18	0	0	0	0	0	0
1/22/2024 19:05	57403 SPAN_T1	0	0	0	0	0	0	0.2	0.22	0	0	0	0	0	0
1/22/2024 19:05	62604 ENGL_T1	0	0	0	0	0	0	-1.06	-1	0	0	0	0	0	0
1/22/2024 19:05	61102 BERK_T5	0	0	0	0	0	0	0.34	0.2	1	1	0	300	300	0
1/22/2024 19:05	57404 SPAN_T2	0	0	0	0	0	0	0.03	0.05	1	1	0	1200	1200	0
1/22/2024 19:05	16302 ALPA_T2	0	0	0	0	0	0	-0.5	-0.6	0	0	0	0	0	0
1/22/2024 19:05	11104 EGYP_T1	1	1	0	1.2	0.9	-0.3	-0.8	-0.86	2	2	0	1800	1800	0
1/22/2024 19:05	13302 ORVI_T2	7	7	0	0.13	0.13	0	0.87	0.87	0	0	0	0	0	0
1/22/2024 19:06	17802 GILB_T1	0	1	1	0	0	0	0.25	0.23	0	0	0	0	0	0
1/22/2024 19:06	64101 REFR_T1	0	0	0	0	0	0	0.07	0.11	0	0	0	0	0	0
1/22/2024 19:06	61101 BERK_T5	0	0	0	0	0	0	-1.02	-1.01	0	0	0	0	0	0
1/22/2024 19:06	10805 CHHI_T2	7	12	5	1.89	3.16	1.27	-1.57	-1.52	2	2	0	1200	1200	0
1/22/2024 19:07	10805 CHHI_T2	7	12	5	1.89	3.16	1.27	-0.79	-0.76	1	1	0	600	600	0
1/22/2024 19:07	67503 WEWI_T2	0	0	0	0	0	0	0.15	0.17	0	0	0	0	0	0
1/22/2024 19:07	64201 KINZ_T1	1	1	0	2.5	0.9	-1.6	-0.61	-0.53	3	3	0	1500	1500	0
1/22/2024 19:07	56501 ROCK_T2	1	1	0	1.3	0.4	-0.9	-1.49	-1.41	0	0	0	0	0	0
1/22/2024 19:07	13302 ORVI_T2	7	7	0	0.13	0.13	0	0.87	0.87	0	0	0	0	0	0
1/22/2024 19:07	14802 TREI_T2	1	1	0	0.2	0.4	0.2	0	0	0	0	0	0	0	0
1/22/2024 19:07	67001 STHI_T2	1	1	0	0.2	0.3	0.1	0	0	0	0	0	0	0	0
1/22/2024 19:07	64702 LITI_T2	0	0	0	0	0	0	-0.75	-0.75	0	0	0	0	0	0
1/22/2024 19:07	60701 BREC_T1	0	0	0	0	0	0	-0.32	-0.33	1	1	0	600	600	0
1/22/2024 19:08	13302 ORVI_T2	7	7	0	0.13	0.13	0	0.87	0.87	0	0	0	0	0	0
1/22/2024 19:08	66503 SMAN_T2	181	187	6	0.31	0.37	0.06	0	0	0	0	0	0	0	0
1/22/2024 19:08	52202 DEVO_T2	0	0	0	0	0	0	-1.33	-1.35	0	0	0	0	0	0
1/22/2024 19:08	64201 KINZ_T1	1	1	0	2.5	0.9	-1.6	0	0	0	0	0	0	0	0
1/22/2024 19:08	65901 SAKR_T2	1	1	0	8.8	8.8	0	-1.11	-1.1	1	1	0	900	900	0
1/22/2024 19:08	67002 STHI_T2	0	0	0	0	0	0	0.66	0.64	0	0	0	0	0	0
1/22/2024 19:09	10801 CHHI_T1	0	0	0	0	0	0	-1.35	0	2	2	0	1500	1500	0
1/22/2024 19:09	64703 LITI_T2	0	0	0	0	0	0	-0.75	-0.73	0	0	0	0	0	0
1/22/2024 19:09	67001 STHI_T2	1	1	0	0.2	0.3	0.1	0	0	0	0	0	0	0	0
1/22/2024 19:09	60201 ATGL_T2	0	0	0	0	0	0	-0.17	-0.2	2	2	0	900	900	0
1/22/2024 19:09	58402 MORO_T1	0	0	0	0	0	0	-0.64	-0.68	3	3	0	2400	2400	0
1/22/2024 19:10	60201 ATGL_T2	0	0	0	0	0	0	-0.17	-0.2	2	2	0	900	900	0
1/22/2024 19:10	67001 STHI_T2	1	1	0	0.2	0.3	0.1	0	0	0	0	0	0	0	0
1/22/2024 19:10	67605 WARW_T1	0	0	0	0	0	0	-0.86	-0.83	0	0	0	0	0	0
1/22/2024 19:10	62606 ENGL_T1	9	3	-6	1.78	0	-1.78	0	0	0	0	0	0	0	0
1/22/2024 19:10	60701 BREC_T1	0	0	0	0	0	0	-0.67	-0.67	2	2	0	1200	1200	0
1/22/2024 19:11	64802 MONE_T2	0	0	0	0	0	0	0.04	0.06	0	0	0	0	0	0
1/22/2024 19:11	62604 ENGL_T1	0	0	0	0	0	0	-1	-1.05	0	0	0	0	0	0
1/22/2024 19:12	67002 STHI_T2	0	0	0	0	0	0	0.64	0.65	0	0	0	0	0	0
1/22/2024 19:12	57403 SPAN_T1	0	0	0	0	0	0	0.22	0.23	0	0	0	0	0	0
1/22/2024 19:12	64101 REFR_T1	0	0	0	0	0	0	0.11

Appendix C - Grid Benefits Achieved in Each Instance of Active Management

1/22/2024 19:17	65001 NEFF_T2	0	0	0	0	0	0	-0.8	-0.77	1	1	0	1200	1200	0
1/22/2024 19:17	46903 MNTG_T2	0	0	0	0	0	0	-0.62	-0.6	2	2	0	1200	1200	0
1/22/2024 19:17	45501 DERR_T2	2	11	9	0.9	0	-0.9	1.65	1.7	1	1	0	600	600	0
1/22/2024 19:17	46801 HEPB_T2	2	2	0	0.75	1	0.25	-0.28	-0.28	0	0	0	0	0	0
1/22/2024 19:18	46206 DANV_T2	0	0	0	0	0	0	2.75	2.77	1	1	0	1200	1200	0
1/22/2024 19:18	14402 SSLA_T1	3	11	8	0.43	0.35	-0.08	0	0	0	0	0	0	0	0
1/22/2024 19:18	65901 SAKR_T2	1	1	0	8.8	8.6	-0.2	-1.1	-1.18	1	1	0	900	900	0
1/22/2024 19:18	44905 SCOT_T1	6	25	19	0.2	0.42	0.22	0	0	0	0	0	0	0	0
1/22/2024 19:18	45501 DERR_T2	2	11	9	0.9	0	-0.9	1.65	1.7	1	1	0	600	600	0
1/22/2024 19:18	53501 EVIL_T2	5	3	-2	0.42	0.4	-0.02	-1.45	-1.42	2	2	0	1200	1200	0
1/22/2024 19:19	61101 BERK_T5	0	0	0	0	0	0	-1.01	-1	0	0	0	0	0	0
1/22/2024 19:19	47401 PENS_T1	0	0	0	0	0	0	1	0.94	0	0	0	0	0	0
1/22/2024 19:19	56504 ROCK_T2	0	3	3	0	0	0	0	0	0	0	0	0	0	0
1/22/2024 19:19	42701 AUGU_T1	4	9	5	1.4	1.15	-0.25	0	0	1	1	0	600	600	0
1/22/2024 19:20	53901 HALI_T2	44	45	1	0.18	0.2	0.02	-1.45	-1.42	0	0	0	0	0	0
1/22/2024 19:20	53903 HALI_T2	2	2	0	1.35	1.3	-0.05	-0.2	-0.17	0	0	0	0	0	0
1/22/2024 19:20	47401 PENS_T1	0	0	0	0	0	0	1	0.94	0	0	0	0	0	0
1/22/2024 19:20	13302 ORVI_T2	6	8	2	0.12	0.14	0.02	0.87	0.87	0	0	0	0	0	0
1/22/2024 19:20	46203 DANV_T2	6	7	1	0.17	0.26	0.09	-0.99	-0.95	0	0	0	0	0	0
1/22/2024 19:21	52101 MEIS_T1	1	1	0	1.1	0.9	-0.2	0	0	0	0	0	0	0	0
1/22/2024 19:21	11104 EGYP_T1	1	1	0	0.9	0.9	0	-0.43	-0.42	1	1	0	900	900	0
1/22/2024 19:21	53901 HALI_T2	44	45	1	0.18	0.2	0.02	-1.45	-1.42	0	0	0	0	0	0
1/22/2024 19:21	55002 NEWP_T1	0	1	1	0	0.1	0.1	-0.14	-0.16	0	0	0	0	0	0
1/22/2024 19:21	42903 MIDD_T2	2	2	0	1.05	1.45	0.4	-0.79	-0.96	1	1	0	1200	1200	0
1/22/2024 19:21	56801 BENV_T1	0	0	0	0	0	0	-0.46	-0.49	1	1	0	600	600	0
1/22/2024 19:21	67602 WARW_T2	0	0	0	0	0	0	0.59	0.54	0	0	0	0	0	0
1/22/2024 19:21	56501 ROCK_T2	1	1	0	1	0.4	-0.6	-2.83	-2.9	0	0	0	0	0	0
1/22/2024 19:21	43101 SMIL_T2	1	1	0	0.4	0	-0.4	0	0	0	0	0	0	0	0
1/22/2024 19:21	66701 STRA_T1	1	1	0	0.1	0	-0.1	0	0	0	0	0	0	0	0
1/22/2024 19:21	42701 AUGU_T1	4	9	5	1.4	1.15	-0.25	0	0	1	1	0	600	600	0
1/22/2024 19:21	53903 HALI_T2	2	2	0	1.35	1.3	-0.05	-0.2	-0.17	0	0	0	0	0	0
1/22/2024 19:22	67002 STHI_T2	0	0	0	0	0	0	0.64	0.65	0	0	0	0	0	0
1/22/2024 19:22	56501 ROCK_T2	1	1	0	1	0.4	-0.6	-1.41	-1.45	0	0	0	0	0	0
1/22/2024 19:22	62604 ENGL_T1	0	0	0	0	0	0	-1	-1.05	0	0	0	0	0	0
1/22/2024 19:22	57304 MOAL_T2	0	4	4	0	0.15	0.15	0.02	0	0	0	0	0	0	0
1/22/2024 19:22	59301 MCAL_T1	2	2	0	0.55	0.5	-0.05	0	0	0	0	0	0	0	0
1/22/2024 19:22	60803 BUCK_T1	0	0	0	0	0	0	-0.47	-0.48	1	1	0	600	600	0
1/22/2024 19:22	47401 PENS_T1	0	0	0	0	0	0	1	0.94	0	0	0	0	0	0
1/22/2024 19:23	46301 ROHR_T1	11	9	-2	0.15	0.14	-0.01	0	0	0	0	0	0	0	0
1/22/2024 19:23	44301 BEAV_T2	0	1	1	0	0.5	0.5	-0.09	-0.04	1	1	0	600	600	0
1/22/2024 19:23	56801 BENV_T1	0	0	0	0	0	0	-0.46	-0.49	1	1	0	600	600	0
1/22/2024 19:23	59101 WALK_T2	0	0	0	0	0	0	0.58	0.44	2	2	0	1050	1050	0
1/22/2024 19:23	42701 AUGU_T1	4	9	5	1.4	1.15	-0.25	0	0	1	1	0	600	600	0
1/22/2024 19:23	61801 EELI_T2	0	0	0	0	0	0	-1.64	-1.83	2	2	0	1200	1200	0
1/22/2024 19:23	46206 DANV_T2	0	0	0	0	0	0	5.5	5.54	2	2	0	2400	2400	0
1/22/2024 19:23	55002 NEWP_T1	0	1	1	0	0.1	0.1	-0.14	-0.16	0	0	0	0	0	0
1/22/2024 19:23	44905 SCOT_T1	6	25	19	0.2	0.42	0.22	0	0	0	0	0	0	0	0
1/22/2024 19:23	57403 SPAN_T1	0	0	0	0	0	0	0.22	0.23	0	0	0	0	0	0
1/22/2024 19:24	44901 SCOT_T2	0	0	0	0	0	0	-0.02	-0.02	0	0	0	0	0	0
1/22/2024 19:24	53903 HALI_T2	2	2	0	1.35	1.3	-0.05	0	0	0	0	0	0	0	0
1/22/2024 19:24	56801 BENV_T1	0	0	0	0	0	0	-0.49	-0.53	1	1	0	600	600	0
1/22/2024 19:24	46203 DANV_T2	6	7	1	0.17	0.26	0.09	-1.9	-1.94	0	0	0	0	0	0
1/22/2024 19:24	56504 ROCK_T2	0	3	3	0	0	0	0	0	0	0	0	0	0	0
1/22/2024 19:24	55105 WERT_T1	0	0	0	0	0	0	-0.3	-0.27	1	1	0	900	900	0
1/22/2024 19:24	66701 STRA_T1	1	1	0	0.1	0	-0.1	0	0	0	0	0	0	0	0
1/22/2024 19:24	67605 WARW_T1	0	0	0	0	0	0	-0.83	-0.86	0	0	0	0	0	0
1/22/2024 19:24	53601 DALM_T2	0	0	0	0	0	0	-1.28	-1.12	2	2	0	1200	1200	0
1/22/2024 19:24	40902 JESH_T1	1	0	-1	0.6	0	-0.6	-0.79	-0.74	0	0	0	0	0	0
1/22/2024 19:25	51102 CARL_T1	33	90	57	0.16	0.22	0.06	0	0	0	0	0	0	0	0
1/22/2024 19:25	14402 SSLA_T1	3	11	8	0.43	0.35	-0.08	0	0	0	0	0	0	0	0
1/22/2024 19:25	65901 SAKR_T2	1	1	0	8.8	8.6	-0.2	0	0	0	0	0	0	0	0
1/22/2024 19:25	52504 PROG_T1	7	16	9	0.11	0.12	0.01	0	0	0	0	0	0	0	0
1/22/2024 19:25	67901 WNHO_T2	16	22	6	0.14	0.21	0.07	-0.43	-0.43	0	0	0	0	0	0
1/22/2024 19:25	56801 BENV_T1	0	0	0	0	0	0	-0.49	-0.53	1	1	0	600	600	0
1/22/2024 19:25	42903 MIDD_T2	2	2	0	1.05	1.45	0.4	-0.96	-0.97	1	1	0	1200	1200	0
1/22/2024 19:25	46903 MNTG_T2	0	0	0	0	0	0	-0.3	-0.29	1	1	0	600	600	0
1/22/2024 19:25	45501 DERR_T2	2	11	9	0.9	0	-0.9	1.7	1.6	1	1	0	600	600	0
1/22/2024 19:25	56802 BENV_T2	0	0	0	0	0	0	-3.41	-3.53	0	0	0	0	0	0
1/22/2024 19:25	44301 BEAV_T2	0	1	1	0	0.5	0.5	-0.08	-0.22	2	2	0	1200	1200	0
1/22/2024 19:25	43001 ALWD_T1	2	4	2	0.1	0.1	0	0	0	0	0	0	0	0	0
1/22/2024 19:26	64101 REFR_T1	0	0	0	0	0	0	0.1	0.08	0	0	0	0	0	0
1/22/2024 19:26	42903 MIDD_T2	2	2	0	1.05	1.45	0.4	0	0	0	0	0	0	0	0
1/22/2024 19:26	67503 WEWI_T2	0	0	0	0	0	0	0.14	0.12	0	0	0	0	0	0
1/22/2024 19:26	46903 MNTG_T2	0	0	0	0	0	0	-0.6	-0.58	2	2	0	1200	1200	0
1/22/2024 19:26	67203 TEHI_T1	0	0	0	0	0	0	2.42	2.37	1	1	0	600	600	0
1/22/2024 19:26	49803 UNIV_T1	0	0	0	0	0	0	-0.96	-0.94	0	0	0	0	0	0
1/22/2024 19:26	55002 NEWP_T1	0	1	1	0	0.1	0.1	-0.16	-0.17	0	0	0	0	0	0
1/22/2024 19:26	56801 BENV_T1	0	0	0	0	0	0	-0.49	-0.53	1	1	0	600	600	0
1/22/2024 19:26	58302 NOTT_T1	0	0	0	0	0	0	-0.44	-0.43	1	1	0	1200	1200	0
1/22/2024 19:26	59101 WALK_T2	0	0	0	0	0	0	0.44	0.51	2	2	0	1050	1050	0
1/22/2024 19:27	61801 EELI_T2	0	0	0	0	0	0	-0.91	-0.89	1	1	0	600	600	0
1/22/2024 19:27	47203 FAXO_T2	1	1	0	0.3	0.1	-0.2	-0.97	-0.94	0	0	0	0	0	0
1/22/2024 19:27	52102 MEIS_T1	22	62	40	0.21	0.26	0.05	0	0	1	1	0	450	450	0
1/22/2024 19:27	44301 BEAV_T2	0	1	1	0	0.5	0.5	-0.04	-0.11	1	1	0	600	600	0
1/22/2024 19:27	53502 EVIL_T2	0	11	11	0	0	0	0	0	0	0	0	0	0	0
1/22/2024 19:27	55002 NEWP_T1	0	1	1	0	0.1	0.1	-0.16	-0.17	0	0	0	0	0	0
1/22/2024 19:27	59101 WALK_T2	0	0	0	0	0	0	0.44	0.51	2	2	0	1050	1050	0
1/22/2024 19:27	53903 HALI_T2	2	2	0	1.35	1.3	-0.05	0	0	0	0	0	0	0	0
1/22/2024 19:27	46903 MNTG_T2	0	0	0	0	0	0	-0.3	-0.29	1	1	0	600	600	0
1/22/2024 19:27	42701 AUGU_T1	4	9	5	1.4	1.15	-0.25	0	0	1	1	0	600	600	0
1/22/2024 19:27	56801 BENV_T1	0	0	0	0	0	0	-0.49	-0.53	1	1	0	600	600	0
1/22/2024 19:28	52101 MEIS_T1	1	1	0	1.1	0.9	-0.2	0	0	0	0	0	0	0	0
1/22/2024 19:28	63804 HEMP_T1	1	1	0	6.6	6.7	0.1	1.04	0.97	0	0	0	0	0	0
1/22/2024 19:28	55002 NEWP_T1	0	1	1	0	0.1	0.1	-0.16	-0.17	0	0	0	0	0	0
1/22/2024 19:28	43102 SMIL_T2	2	1	-1	0.15	0.2	0.05	0	0	0	0	0	0	0	0
1/22/2024 19:28	53601 DALM_T2	0	0	0	0	0	0	-0.64	-0.56	1	1	0	600	600	0
1/22/2024 19:28	65902 SAKR_T2	0	0	0	0	0	0	-0.49	-0.47	1	1	0	300	300	0
1/22/2024 19:28	53903 HALI_T2	2	2	0	1.35	1.3	-0.05	0	0	0	0	0	0	0	0
1/22/2024 19:29	58401 MORO_T1	0	0	0	0	0	0	-0.83	-0.82	1	1	0	600	600	0
1/22/2024 19:29	45702 LIND_T2	1	1	0	0.6	1	0.4	-1.79	-1.77	0	0	0	0	0	0
1/22/2024 19:29	55002 NEWP_T1	0	1	1	0	0.1	0.1	-0.16	-0.17	0	0	0	0	0	0
1/22/2024 19:29	59101 WALK_T2	0	0	0	0	0	0	0.44	0.51	2	2	0	1050	1050	0
1/22/2024 19:29	64101 REFR_T1	0	0	0	0	0	0	0.1	0.08	0	0	0	0	0	0
1/22/2024 19:30	67503 WEWI_T2	0	0	0	0	0	0	0.14	0.12	0	0	0	0	0	0
1/22/2024 19:30	44301 BEAV_T2	1	2	1	0.5	1.2	0.7	-0.08	-0.22	2	2	0	1200	1200	0
1/22/2024 19:30	64101 REFR_T1	0	0	0	0	0	0	0.1	0.08	0	0	0	0	0	0
1/22/2024 19:30	59101 WALK_T2	0	0	0	0	0	0	0.88	1.02	4	4	0	2100	2100	0
1/22/2024 19:31	56802 BENV_T2	0	0	0	0	0	0	-1.14	-1.18	0	0	0	0	0	0
1/22/2024 19:31	44301 BEAV_T2	1	2	1	0.5	1.2	0.7	-0.04	-0.11	1	1	0	600	600	0
1/22/2024 19:31	58401 MORO_T1	0	1	1	0	0	0	-0.83	-0.82	1	1	0	600	600	0
1/22/2024 19:31	56801 BENV_T1	0	1	1	0	0.1	0.1	-0.49	-0.53	1	1	0	600	600	0
1/22/2024 19:31	59102 WALK_T2	0	0	0	0	0	0	-0.36	-0.34	1	1	0	600	600	0
1/22/2024 19:32	52101 MEIS_T1	1	1	0	0.9	1	0.1	0	0	0	0	0	0	0	0
1/22/2024 19:32	44301 BEAV_T2	1	2	1	0.5	1.2	0.7	-0.04	-0.11	1	1	0	600	600	0
1/22/2024 19:42	64101 REFR_T1	0	0	0	0	0	0	0.08	0.08	0	0	0	0	0	0
1/22/2024 19:54	65001 NEFF_T2	0	0	0	0	0	0	-0.71	-0.79	1	1	0	1200	1200	0
1/22/2024 20:14	52101 MEIS_T1	1	1	0	1	1	0	0	0	0	0	0	0	0	0
1/22/2024 21:07	65001 NEFF_T2	0	46	46	0	0.13	0.13	-0.74	-0.85	1	1	0	1200	1200	0
1/22/2024 21:18	65003 NEFF_T2	5	5	0	0.18	0.16	-0.02	0	0	0	0	0	0	0	0
1/22/2024 21:45	57401 SPAN_T1	2	0	-2	0.5	0	-0.5	-0.88	-0.91	1	1	0	600	600	0
1/22/2024 22:26	65001 NEFF_T2	0	0	0	0	0	0	-0.96	-0.94	1	1	0	1200	1200	0
1/22/2024 23:06	64201 KINZ_T1	0	0	0	0	0	0	-0.51	-0.47	2	2	0	1200	1200	0
1/22/2024 23:55	65001 NEFF_T2	0	0	0	0	0	0	-1.04	-1.15	1	1	0	1200	1200	0
1/23/2024 0:06	65001 NEFF_T2	0	0	0	0	0	0	-1.04	-1.15	1	1	0	1200	1200	0
1/23/2024 0:16	65001 NEFF_T2	0	0	0	0	0	0	-1.15	-1.19	1	1	0	1200	1200	0
1/23/2024 2:38	65001 NEFF_T2	0	0	0	0	0	0	-1.18	-1.2	1	1	0	1200	1200	0
1/23/2024 3:30	43104 SMIL_T2	0	0	0	0	0	0	-0.76	-0.74	1	1	0	300	300	0
1/23/2024 3:57	65001 NEFF_T2	0	0	0	0	0	0	-1.17	-1.13	1	1	0	1200	1200	0
1/23/2024 5:36	65001 NEFF_T2	0	0	0	0	0	0	-1.01	-0.97	1	1	0	1200	1200	0
1/23/2024 6:39	65001 NEFF_T2	0	0	0	0	0	0	-0.68	-0.59	1	1	0	1200	1200	0
1/23/2024 7:53	65001 NEFF_T2	0	0	0	0	0	0	-0.44	-0.51	1	1	0	1200	1200	0
1/23/2024 7:58	53901 HALI_T2	1	1	0	0.3	0.2	-0.1	-1.47	-1.5	0	0	0	0	0	0
1/23/2024 7:58	45501 DERR_T2	163	132	-31	0.58	0.39	-0.19	1.27	1.3	2	2	0	1800	1800	0
1/23/2024 7:59	45501 DERR_T2	163	132	-31	0.58	0.39	-0.19	1.27	1.3	2	2	0	1800	1800	0
1/23/2024 8:02	53901 HALI_T2	0	30	30	0	0.17	0.17	-1.47	-1.5	0	0	0	0	0	0
1/23/2024 8:02	46903 MNTG_T2	0	0	0	0	0	0	0.51	0.57	2	2	0	1200	1200	0
1/23/2024 8:03	46901 MNTG_T2	0	0	0	0	0	0	1.74	1.57	0	0	0	0	0	0
1/23/2024 8:03	46902 MNTG_T2	0	1	1	0	0.1	0.1	0	0	0	0	0	0	0	0
1/23/2024 8:03	52102 MEIS_T1	2	2	0	0.1	0.1	0	0	0	1	1	0	450	450	0
1/23/2024 8:24	46203 DANV_T2	0	0	0	0	0	0	-0.76	-0.72	0	0	0	0	0	0
1/23/2024 8:25	46203 DANV_T2	0	0	0	0	0	0	-1.52	-1.44	0	0	0	0	0	0
1/23/2024 8:29	65002 NEFF_T2	0	1	1	0	0	0	0	0	0	0	0	0	0	0
1/23/2024 8:30	49804 UNIV_T1	0	4	4	0	0.18	0.18	0	0	0	0	0	0	0	0
1/23/2024 8:33	54205 PENN_T1	66	38	-28	0.18	0.2	0.02	0	0	0	0	0	0	0	0
1/23/2024 8:33	55002 NEWP_T1	6	6	0	0.72	0.83	0.11	-0.15	-0.18	0	0	0	0	0	0
1/23/2024 8:38	46206 DANV_T2	0	0	0	0	0	0	1.37	1.51	1	1	0	1200	1200	0
1/23/2024 8:40	65001 NEFF_T2	0	0	0	0	0	0	-0.1	-0.33	1	1	0	1200	1200	0
1/23/2024 8:41	46206 DANV_T2	0	0	0	0	0	0	1.51	2.07	1	1	0	1200	1200	0
1/23/2024 8:42	46206 DANV_T2	0	0	0	0	0	0	1.51	2.07	1	1	0	1200	1200	0
1/23/2024 8:54	56802 BENV_T2	5	74	69	0.1	0.24	0.14	-1.26	-1.29	0	0	0	0	0	0
1/23/2024 8:55	56802 BENV_T2	5	74	69	0.1	0.24	0.14	-1.26	-1.29	0	0	0	0	0	0
1/23/2024 9:00	52102 MEIS_T1	0	0	0	0	0	0	0	0	1	1	0	450	450	0
1/23/2024 9:00	59102 WALK_T2	0	0	0	0	0	0	-0.16	-0.28	1	1	0	600	600	0
1/23/2024 9:00	57401 SPAN_T1	0	1	1	0	0	0	0	0	0	0	0	0	0	0
1/23/2024 9:00	46204 DANV_T2	0	1	1	0	0	0	0	0	0	0	0	0	0	0
1/23/2024 9:00	64702 LITI_T2	0	0	0	0	0	0	-1.69	-1.91	0	0	0	0	0	0
1/23/2024 9:00	16101 BING_T2	89	78	-11	0.57	0.51	-0.06	-0.34	-0.42	0	0	0	0	0	0
1/23/2024 9:00	42002 MNVL_T2	1	1	0	9.1	9.1	0	0	0	0	0	0	0	0	0
1/23/2024 9:00	67204 TEHI_T2	0	0	0	0	0	0	0.05	0.04	0	0	0	0	0	0
1/23/2024 9:00	55002 NEWP_T1	6	6	0	0.83	0.73	-0.1	-0.9	-0.8	0	0	0	0	0	0
1/23/2024 9:00	56501 ROCK_T2	214	286	72	0.23	0.28	0.05	0	0	0	0	0	0	0	0
1/23/2024 9:00	43304 WATS_T2	0	0	0	0	0	0	-0.48	-0.49	0	0	0	0	0	0
1/23/2024 9:00	67503 WEWI_T2	0	0	0	0	0	0	0.22	0.16	0	0	0	0	0	0
1/23/2024 9:00	23401 HONE_T2	0	0	0	0	0	0	-0.07	-0.16	0	0	0	0	0	0
1/23/2024 9:00	58402 MORO_T1	0	0	0	0	0	0	-0.75	-0.89	3	3	0	2400	2400	0
1/23/2024 9:00	53901 HALI_T2	136	129	-7	0.55	0.49	-0.06	-2.79	-2.8	0	0	0	0	0	0
1/23/2024 9:00	43001 ALWD_T1	3	3	0	1.47	0.93	-0.54	0	0	0	0	0	0	0	0
1/23/2024 9:00	65001 NEFF_T2	0	0	0	0	0	0	-0.33	-0.28	1	1	0	1200	1200	0
1/23/2024 9:07	53502 EVIL_T2	1	1	0	6	3.9	-2.1	0	0	0	0	0	0	0	0
1/23/2024 9:07	66503 SMAN_T2	119	138	19	0.16	0.18	0.02	0	0	0	0	0	0	0	0
1/23/2024 9:07	42902 MIDD_T2	0	1	1	0	0	0	0	0	0	0	0	0	0	0
1/23/2024 9:07	67503 WEWI_T2	0	0	0	0	0	0	0.22	0.16	0	0	0	0	0	0
1/23/2024 9:07	44201 POIN_T1	0	0	0	0	0	0	-1.48	-2.23	2	2	0	2100	2100	0
1/23/2024 9:08	67204 TEHI_T2	0	0	0	0	0	0	0.05	0.04	0	0	0	0	0	0
1/23/2024 9:08	67402 WAKE_T2	0	0	0	0	0	0	0.4	0.37	1	1	0	600	600	0
1/23/2024 9:08	60801 BUCK_T1	0	0	0	0	0	0	-0.47	-0.71	1	1	0	600	600	0
1/23/2024 9:10	46204 DANV_T2	0	1	1	0	0	0	0	0	0	0	0	0	0	0
1/23/2024 9:11	46203 DANV_T2	0	0	0	0	0	0	-0.74	-0.73	0	0	0	0	0

1/23/2024 10:05	66503 SMAN_T2	42	153	111	0.13	0.18	0.05	0	0	0	0	0	0	0
1/23/2024 10:05	57401 SPAN_T1	0	0	0	0	0	0	-0.86	-0.83	1	1	0	600	600	0
1/23/2024 10:06	65901 SAKR_T2	1	1	0	8.8	9	0.2	-1.08	-0.98	1	1	0	900	900	0
1/23/2024 10:06	66503 SMAN_T2	42	153	111	0.13	0.18	0.05	0	0	0	0	0	0	0	0
1/23/2024 10:07	67203 TEHI_T1	22	6	-16	0.36	0.25	-0.11	2.69	2.6	2	2	0	1200	1200	0
1/23/2024 10:07	44901 SCOT_T2	0	0	0	0	0	0	0.48	0.41	0	0	0	0	0	0
1/23/2024 10:07	56802 BENV_T2	79	24	-55	0.26	0.23	-0.03	-2.56	-2.64	0	0	0	0	0	0
1/23/2024 10:07	44904 SCOT_T1	5	1	-4	0.36	0	-0.36	1	1.01	0	0	0	0	0	0
1/23/2024 10:08	44904 SCOT_T1	5	1	-4	0.36	0	-0.36	0	0	0	0	0	0	0	0
1/23/2024 10:09	44904 SCOT_T1	5	1	-4	0.36	0	-0.36	0	0	0	0	0	0	0	0
1/23/2024 10:09	67201 TEHI_T1	4	2	-2	0.53	0	-0.53	0.42	0.37	1	1	0	600	600	0
1/23/2024 10:10	54502 ENOL_T2	1	1	0	0.2	0.2	0	0	0	0	0	0	0	0	0
1/23/2024 10:10	11102 EGYP_T1	0	0	0	0	0	0	-0.14	0.59	0	0	0	0	0	0
1/23/2024 10:11	53901 HALI_T2	47	21	-26	0.23	0.2	-0.03	-1.44	-1.42	0	0	0	0	0	0
1/23/2024 10:11	54505 ENOL_T2	1	1	0	0.8	0.8	0	0	0	0	0	0	0	0	0
1/23/2024 10:11	53601 DALM_T2	0	0	0	0	0	0	-0.01	-0.09	1	1	0	600	600	0
1/23/2024 10:11	56802 BENV_T2	79	24	-55	0.26	0.23	-0.03	-1.32	-1.32	0	0	0	0	0	0
1/23/2024 10:11	62604 ENGL_T1	0	1	1	0	0	0	-0.73	-0.7	2	2	0	1200	1200	0
1/23/2024 10:12	54503 ENOL_T2	0	0	0	0	0	0	-1.79	-1.76	1	1	0	600	600	0
1/23/2024 10:12	54503 ENOL_T2	0	0	0	0	0	0	-1.79	-1.76	1	1	0	600	600	0
1/23/2024 10:12	62604 ENGL_T1	0	1	1	0	0	0	-0.37	-0.35	1	1	0	600	600	0
1/23/2024 10:13	64201 KINZ_T1	0	0	0	0	0	0	-0.48	-0.53	4	4	0	2100	2100	0
1/23/2024 10:13	56802 BENV_T2	79	24	-55	0.26	0.23	-0.03	-1.32	-1.32	0	0	0	0	0	0
1/23/2024 10:13	54505 ENOL_T2	1	1	0	0.8	0.8	0	0	0	0	0	0	0	0	0
1/23/2024 10:13	53903 HALI_T2	2	2	0	1.2	1.1	-0.1	0	0	0	0	0	0	0	0
1/23/2024 10:14	53901 HALI_T2	47	21	-26	0.23	0.2	-0.03	-2.88	-2.84	0	0	0	0	0	0
1/23/2024 10:14	62604 ENGL_T1	0	1	1	0	0	0	-0.37	-0.35	1	1	0	600	600	0
1/23/2024 10:15	64204 KINZ_T1	1	1	0	1.3	1.2	-0.1	0	0	0	0	0	0	0	0
1/23/2024 10:15	59302 MCAL_T1	0	0	0	0	0	0	-0.64	-0.76	1	1	0	600	600	0
1/23/2024 10:15	62604 ENGL_T1	0	0	0	0	0	0	-0.37	-0.35	1	1	0	600	600	0
1/23/2024 10:16	53901 HALI_T2	21	96	75	0.2	0.41	0.21	-2.88	-2.84	0	0	0	0	0	0
1/23/2024 10:17	64201 KINZ_T1	0	0	0	0	0	0	-0.48	-0.53	4	4	0	2100	2100	0
1/23/2024 10:19	55002 NEWP_T1	3	5	2	0.6	0.62	0.02	-0.2	-0.2	0	0	0	0	0	0
1/23/2024 10:19	54206 PENN_T2	3	0	-3	0.1	0	-0.1	0	0	0	0	0	0	0	0
1/23/2024 10:19	52102 MEIS_T1	0	0	0	0	0	0	0	0	1	1	0	450	450	0
1/23/2024 10:21	65901 SAKR_T2	1	1	0	8.9	9.1	0.2	0	0	0	0	0	0	0	0
1/23/2024 10:21	65001 NEFF_T2	0	0	0	0	0	0	-0.62	-0.67	2	2	0	2400	2400	0
1/23/2024 10:22	56504 ROCK_T2	0	0	0	0	0	0	0.01	0.01	0	0	0	0	0	0
1/23/2024 10:22	56501 ROCK_T2	1	201	200	0.2	0.2	0	-3.26	-3.27	0	0	0	0	0	0
1/23/2024 10:23	60701 BREC_T1	0	20	20	0	0.12	0.12	-0.6	-0.57	2	2	0	1200	1200	0
1/23/2024 10:24	45501 DERR_T2	5	32	27	0.52	0.45	-0.07	1.22	1.25	2	2	0	1800	1800	0
1/23/2024 10:24	67502 WEWI_T2	0	0	0	0	0	0	-1.09	-0.98	1	1	0	900	900	0
1/23/2024 10:24	60701 BREC_T1	0	20	20	0	0.12	0.12	-0.57	-0.61	2	2	0	1200	1200	0
1/23/2024 10:25	60701 BREC_T1	0	20	20	0	0.12	0.12	-0.57	-0.61	2	2	0	1200	1200	0
1/23/2024 10:25	10805 CHHI_T2	7	7	0	2.27	2.49	0.22	-0.08	0.02	0	0	0	0	0	0
1/23/2024 10:25	67503 WEWI_T2	0	0	0	0	0	0	0.05	0.1	0	0	0	0	0	0
1/23/2024 10:26	67502 WEWI_T2	0	0	0	0	0	0	-1.09	-0.98	1	1	0	900	900	0
1/23/2024 10:26	17805 GILB_T2	0	0	0	0	0	0	0.27	0.25	0	0	0	0	0	0
1/23/2024 10:27	10805 CHHI_T2	7	7	0	2.27	2.49	0.22	-0.08	0.02	0	0	0	0	0	0
1/23/2024 10:27	60701 BREC_T1	0	20	20	0	0.12	0.12	-0.57	-0.61	2	2	0	1200	1200	0
1/23/2024 10:28	45502 DERR_T2	5	5	0	0.42	0.45	0.03	0	0	0	0	0	0	0	0
1/23/2024 10:28	17805 GILB_T2	0	0	0	0	0	0	0.27	0.25	0	0	0	0	0	0
1/23/2024 10:28	60701 BREC_T1	0	20	20	0	0.12	0.12	-0.57	-0.61	2	2	0	1200	1200	0
1/23/2024 10:29	64101 REFR_T1	0	0	0	0	0	0	0.24	0.2	0	0	0	0	0	0
1/23/2024 10:32	64802 MONE_T2	0	0	0	0	0	0	0.19	0.2	0	0	0	0	0	0
1/23/2024 10:32	65001 NEFF_T2	0	0	0	0	0	0	-0.34	-0.27	1	1	0	1200	1200	0
1/23/2024 10:32	16402 MOPO_T1	3	6	3	0.23	0.63	0.4	0.24	0.25	0	0	0	0	0	0
1/23/2024 10:33	16402 MOPO_T1	3	6	3	0.23	0.63	0.4	0.24	0.25	0	0	0	0	0	0
1/23/2024 10:33	43201 MVIL_T2	0	0	0	0	0	0	-1.26	-1.26	0	0	0	0	0	0
1/23/2024 10:34	55002 NEWP_T1	3	6	3	0.37	0.72	0.35	-0.2	-0.21	0	0	0	0	0	0
1/23/2024 10:34	57401 SPAN_T1	0	1	1	0	0.2	0.2	-0.96	-0.99	1	1	0	600	600	0
1/23/2024 10:34	66901 SHIL_T2	4	49	45	0.1	0.13	0.03	-1.53	-1.58	1	1	0	1200	1200	0
1/23/2024 10:35	57401 SPAN_T1	0	1	1	0	0.2	0.2	-0.96	-0.99	1	1	0	600	600	0
1/23/2024 10:36	67002 STHI_T2	0	26	26	0	0.14	0.14	1.32	1.32	0	0	0	0	0	0
1/23/2024 10:37	44901 SCOT_T2	0	0	0	0	0	0	0.33	0.23	0	0	0	0	0	0
1/23/2024 10:37	67001 STHI_T2	4	143	139	0.3	0.11	-0.19	0	0	0	0	0	0	0	0
1/23/2024 10:37	14403 SSLA_T1	0	0	0	0	0	0	0.98	0.95	0	0	0	0	0	0
1/23/2024 10:37	59101 WALK_T2	0	0	0	0	0	0	1.32	1.47	1	1	0	600	600	0
1/23/2024 10:38	67502 WEWI_T2	0	0	0	0	0	0	-1.09	-0.98	1	1	0	900	900	0
1/23/2024 10:38	43001 ALWD_T1	3	3	0	2.5	4.63	2.13	0	0	0	0	0	0	0	0
1/23/2024 10:38	16302 ALPA_T2	0	0	0	0	0	0	-1.03	-1.02	0	0	0	0	0	0
1/23/2024 10:39	16302 ALPA_T2	0	0	0	0	0	0	-0.51	-0.48	0	0	0	0	0	0
1/23/2024 10:39	46204 DANV_T2	2	2	0	0.35	0	-0.35	0	0	0	0	0	0	0	0
1/23/2024 10:39	59101 WALK_T2	0	2	2	0	0	0	2.95	2.23	2	2	0	1200	1200	0
1/23/2024 10:39	67002 STHI_T2	0	26	26	0	0.14	0.14	1.98	2.07	0	0	0	0	0	0
1/23/2024 10:39	60701 BREC_T1	0	20	20	0	0.12	0.12	-0.61	-0.61	2	2	0	1200	1200	0
1/23/2024 10:39	60201 ATGL_T2	0	0	0	0	0	0	-0.21	-0.14	2	2	0	900	900	0
1/23/2024 10:40	59101 WALK_T2	0	0	0	0	0	0	1.47	1.11	1	1	0	600	600	0
1/23/2024 10:40	16302 ALPA_T2	0	0	0	0	0	0	-0.51	-0.48	0	0	0	0	0	0
1/23/2024 10:42	17802 GILB_T1	0	0	0	0	0	0	0.09	0.3	0	0	0	0	0	0
1/23/2024 10:43	61101 BERK_T5	0	0	0	0	0	0	-0.74	-0.74	0	0	0	0	0	0
1/23/2024 10:44	60701 BREC_T1	0	20	20	0	0.12	0.12	-0.61	-0.61	2	2	0	1200	1200	0
1/23/2024 10:45	17802 GILB_T1	0	0	0	0	0	0	0.09	0.3	0	0	0	0	0	0
1/23/2024 10:46	17802 GILB_T1	0	0	0	0	0	0	0.09	0.3	0	0	0	0	0	0
1/23/2024 10:46	17804 GILB_T2	0	0	0	0	0	0	-0.5	-0.5	0	0	0	0	0	0
1/23/2024 10:47	61101 BERK_T5	0	0	0	0	0	0	-0.74	-0.74	0	0	0	0	0	0
1/23/2024 10:49	61801 EEU_T2	0	0	0	0	0	0	-0.32	-0.31	0	0	0	0	0	0
1/23/2024 10:50	55002 NEWP_T1	5	6	1	0.62	0.82	0.2	-0.21	-0.21	0	0	0	0	0	0
1/23/2024 10:51	44901 SCOT_T2	0	0	0	0	0	0	0.23	0.12	0	0	0	0	0	0
1/23/2024 10:52	43001 ALWD_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1/23/2024 10:52	67503 WEWI_T2	0	0	0	0	0	0	0.1	0.03	0	0	0	0	0	0
1/23/2024 10:53	56802 BENV_T2	6	105	99	0.43	0.28	-0.15	-2.58	-2.62	0	0	0	0	0	0
1/23/2024 10:53	56501 ROCK_T2	200	20	-180	0.2	0.14	-0.06	-1.67	-1.66	0	0	0	0	0	0
1/23/2024 10:54	60201 ATGL_T2	0	0	0	0	0	0	-0.14	-0.23	2	2	0	900	900	0
1/23/2024 10:54	10801 CHHI_T1	0	0	0	0	0	0	-0.7	-0.69	1	1	0	900	900	0
1/23/2024 10:55	67605 WARW_T1	0	0	0	0	0	0	-1	-1.02	0	0	0	0	0	0
1/23/2024 10:55	56802 BENV_T2	6	105	99	0.43	0.28	-0.15	-1.31	-1.3	0	0	0	0	0	0
1/23/2024 10:55	11104 EGYP_T1	0	0	0	0	0	0	0.66	0.71	0	0	0	0	0	0
1/23/2024 10:56	17802 GILB_T1	0	0	0	0	0	0	0.3	0.3	0	0	0	0	0	0
1/23/2024 10:56	56501 ROCK_T2	200	20	-180	0.2	0.14	-0.06	-1.66	-1.66	0	0	0	0	0	0
1/23/2024 10:57	17802 GILB_T1	0	0	0	0	0	0	0.3	0.3	0	0	0	0	0	0
1/23/2024 10:57	43001 ALWD_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1/23/2024 10:59	64902 MILL_T2	0	0	0	0	0	0	-0.66	-0.67	1	1	0	900	900	0
1/23/2024 11:00	42903 MIDD_T2	0	0	0	0	0	0	0.7	0.75	1	1	0	1200	1200	0
1/23/2024 11:01	16103 BING_T2	0	1	1	0	0	0	0	0	0	0	0	0	0	0
1/23/2024 11:02	57401 SPAN_T1	1	2	1	0.1	0.15	0.05	0	0	0	0	0	0	0	0
1/23/2024 11:02	64801 MONE_T2	1	14	13	0.2	0.21	0.01	-0.18	-0.21	0	0	0	0	0	0
1/23/2024 11:02	59302 MCAL_T1	0	0	0	0	0	0	-0.34	-0.25	1	1	0	600	600	0
1/23/2024 11:04	67001 STHI_T2	110	252	142	0.12	0.14	0.02	0.28	0.26	0	0	0	0	0	0
1/23/2024 11:05	64801 MONE_T2	1	14	13	0.2	0.21	0.01	-0.18	-0.21	0	0	0	0	0	0
1/23/2024 11:05	52501 PROG_T1	0	0	0	0	0	0	0.47	0.42	1	1	0	300	300	0
1/23/2024 11:06	55002 NEWP_T1	6	7	1	0.58	0.74	0.16	-0.21	-0.22	0	0	0	0	0	0
1/23/2024 11:06	57401 SPAN_T1	1	2	1	0.1	0.15	0.05	0	0	0	0	0	0	0	0
1/23/2024 11:06	59102 WALK_T2	0	0	0	0	0	0	-0.18	-0.18	1	1	0	600	600	0
1/23/2024 11:06	55105 WERT_T1	0	0	0	0	0	0	-0.49	-0.49	1	1	0	900	900	0
1/23/2024 11:07	60502 NMAN_T2	0	0	0	0	0	0	-0.12	-0.15	0	0	0	0	0	0
1/23/2024 11:07	43001 ALWD_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1/23/2024 11:07	44301 BEAV_T2	1	1	0	0.1	0	-0.1	0.35	0.41	2	2	0	1500	1500	0
1/23/2024 11:07	67002 STHI_T2	22	28	6	0.12	0.12	0	0	0	0	0	0	0	0	0
1/23/2024 11:07	44601 SALE_T2	0	1	1	0	0	0	0.97	0.77	1	1	0	600	600	0
1/23/2024 11:08	44301 BEAV_T2	1	1	0	0.1	0	-0.1	0.35	0.41	2	2	0	1500	1500	0
1/23/2024 11:08	66505 SMAN_T2	0	0	0	0	0	0	-0.08	0.1	1	1	0	900	900	0
1/23/2024 11:08	66703 STRA_T1	0	2	2	0	0.1	0.1	0.01	0.08	0	0	0	0	0	0
1/23/2024 11:09	44301 BEAV_T2	1	1	0	0.1	0	-0.1	0.83	0.91	4	4	0	3000	3000	0
1/23/2024 11:10	67503 WEWI_T2	0	0	0	0	0	0	-0.02	0.01	0	0	0	0	0	0
1/23/2024 11:10	44301 BEAV_T2	1	1	0	0.1	0	-0.1	0.41	0.45	2	2	0	1500	1500	0
1/23/2024 11:10	61101 BERK_T5	0	1	1	0	0	0	0	0	0	0	0	0	0	0
1/23/2024 11:12	43001 ALWD_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1/23/2024 11:12	44301 BEAV_T2	1	1	0	0.1	0	-0.1	0.83	0.91	4	4	0	3000	3000	0
1/23/2024 11:13	53901 HALI_T2	26	11	-15	0.18	0.21	0.03	-1.45	-1.47	0	0	0	0	0	0
1/23/2024 11:13	65001 NEFF_T2	0	0	0	0	0	0	-0.32	-0.39	1	1	0	1200	1200	0
1/23/2024 11:17	64202 KINZ_T1	0	1	1	0	0.1	0.1	0	0	0	0	0	0	0	0
1/23/2024 11:20	67402 WAKE_T2	0	0	0	0	0	0	0.5	0.44	1	1	0	600	600	0
1/23/2024 11:22	55105 WERT_T1	0	0	0	0	0	0	-0.49	-0.48	1	1	0	900	900	0
1/23/2024 11:22	45702 LIND_T2	1	5	4	1.1	0.4	-0.7	-1.64	-1.69	0	0	0	0	0	0
1/23/2024 11:23	60803 BUCK_T1	3	0	-3	0.17	0	-0.17	-2.4	-1.02	2	2	0	1200	1200	0
1/23/2024 11:23	43001 ALWD_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1/23/2024 11:24	43108 SMIL_T2	0	0	0	0	0	0	0.15	0.14	0	0	0	0	0	0
1/23/2024 11:25	60803 BUCK_T1	3	0	-3	0.17	0	-0.17	0	0	0	0	0	0	0	0
1/23/2024 11:25	43108 SMIL_T2	0	0	0	0	0	0	0.15	0.14	0	0	0	0	0	0
1/23/2024 11:27	54501 ENOL_T2	0	0	0	0	0	0	0.16	0.12	0	0	0	0	0	0
1/23/2024 11:27	44301 BEAV_T2	1	0	-1	0.2	0	-0.2	0.45	0.4	2	2	0	1500	1500	0
1/23/2024 11:27	60803 BUCK_T1	3	0	-3	0.17	0	-0.17	-0.51	-0.51	1	1	0	600	600	0
1/23/2024 11:27	17802 GILB_T1	0	0	0	0	0	0	0.33	0.31	0	0	0	0	0	0
1/23/2024 11:28	43001 ALWD_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1/23/2024 11:29	54505 ENOL_T2	1	1	0	0.5	0.8	0.3	0	0	0	0	0	0	0	0
1/23/2024 11:29	17802 GILB_T1	0	0	0	0	0	0	0.66	0.63	0	0	0	0	0	0
1/23/2024 11:29	47001 HUGH_T2	0	1	1	0	0	0	-0.64	-0.6	0	0	0	0	0	0
1/23/2024 11:31	46903 MNTG_T2	0	1	1	0	0	0	0.11	0.06	1	1	0	600	600	0
1/23/2024 11:31	47001 HUGH_T2	0	1	1	0	0	0	-0.64	-0.6	0	0	0	0	0	0
1/23/2024 11:32	57401 SPAN_T1	2	2	0	0.15	0.35	0.2	-1.01	-0.99	1	1	0	600	600	0
1/23/2024 11:32	57403 SPAN_T1	0	0	0	0	0	0	0.15	0.14	0	0	0	0	0	0
1/23/2024 11:32	46903 MNTG_T2	0	1	1	0	0	0	0.11	0.06	1	1	0	600	600	0
1/23/2024 11:33	56501 ROCK_T2	2	8	6	0.25	0.18	-0.07	-0.96	-0.94	0	0	0	0	0	0
1/23/2024 11:33	46903 MNTG_T2	0	1	1	0	0	0	0.22	0.11	2	2	0	1200	1200	0
1/23/2024 11:34	46903 MNTG_T2	0	1	1	0	0	0	0.11	0.06	1	1	0	600	600	0
1/23/2024 11:34	46903 MNTG_T2	0	1	1	0	0	0	0.11	0.06	1	1	0	600	600	0
1/23/2024 11:34	57401 SPAN_T1	2	2	0	0.15	0.35	0.2	-1.01	-0.99	1	1	0	600	600	0
1/23/2024 11:34	57403 SPAN_T1	0	0	0	0	0	0	0.15	0.14	0	0	0	0	0	0
1/23/2024 11:35	54601 SUMM_T2	0	3	3	0	0.3	0.3	-1.79	-1.8	2	2	0	2100	2100	0
1/23/2024 11:35	67402 WAKE_T2	0	0	0	0	0	0	0.44	0.39	1	1	0	600	600	0
1/23/2024 11:35	46903 MNTG_T2	0	1	1	0	0	0	0.22	0.11	2	2	0	1200	1200	0
1/23/2024 11:35	56501 ROCK_T2	2	8	6	0.25	0.18	-0.07	-0.96	-0.94	0	0	0	0	0	0
1/23/2024 11:36	56501 ROCK_T2	2	8	6	0.25	0.18	-0.07	-4.8	-4.68	0	0	0	0	0	0
1/23/2024 11:36	57401 SPAN_T1	2	2	0	0.15	0.35	0.2	-2.02	-1.98	2	2	0	1200	1200	0
1/23/2024 11:37	55105 WERT_T1	0	0	0	0	0	0	-0.48	-0.53	1	1	0	900	900	0
1/23/2024 11:37	66901 SHIL_T2	72	17	-55	0.15	0.12	-0.03	-1.58	-1.64	1	1	0	1200	1200	0
1/23/2024 11:37	54001 SDLE_T1	6	8	2	0.97	0.91	-0.06	0	0	0	0	0	0	0	0
1/23/2024 11:38	67605 WARW_T1	0	0	0	0	0	0	-1.01	-1.04	0	0	0	0	0	0
1/23/2024 11:38	56501 ROCK_T2	2	8	6	0.25	0.18	-0.07	-2.88	-2.81	0	0	0	0	0	0
1/23/2024 11:38	54601 SUMM_T2	0	3	3	0	0.3	0.3	-3.58	-3.61	4	4	0	4200	4200	0
1/23/2024 11:39	46004 BERW_T2	0	0	0	0	0	0	-0.41	-0.43	0	0	0	0	0	0
1/23/2024 11:39	60101 COCA_T1	0	0	0	0	0	0	0.56	0.57	0	0	0	0	0	0
1/23/2024 11:39	43001 ALWD_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1/23/2024 11:40	60101 COCA_T1	0	0	0	0	0	0	0.56	0.57	0	0	0	0	0	0
1/23/2024 11:40	67402 WAKE_T2	0	0	0	0	0	0	0.39	0.48	1	1	0	600	600	0
1/23/2024 11:41	43001 ALWD_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1/23/2024 11:41	54505 ENOL_T2	1	1

Appendix C - Grid Benefits Achieved in Each Instance of Active Management

1/23/2024 12:01	17802 GILB_T1	0	0	0	0	0	0	0.62	0.68	0	0	0	0	0	0
1/23/2024 12:01	67402 WAKE_T2	0	0	0	0	0	0	0.48	0.49	1	1	0	600	600	0
1/23/2024 12:02	47402 PENS_T1	0	1	1	0	0	0	0	0	0	0	0	0	0	0
1/23/2024 12:02	60701 BREC_T1	0	0	0	0	0	0	-0.68	-0.1	2	2	0	1200	1200	0
1/23/2024 12:03	47403 PENS_T1	1	1	0	1.6	1.8	0.2	0	0	0	0	0	0	0	0
1/23/2024 12:05	47401 PENS_T1	1	0	-1	0.2	0	-0.2	0.94	0.9	0	0	0	0	0	0
1/23/2024 12:06	43101 SMIL_T2	1	0	-1	0.7	0	-0.7	0	0	0	0	0	0	0	0
1/23/2024 12:07	67402 WAKE_T2	0	0	0	0	0	0	0.48	0.49	1	1	0	600	600	0
1/23/2024 12:07	43001 ALWD_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1/23/2024 12:07	43101 SMIL_T2	1	0	-1	0.7	0	-0.7	0	0	0	0	0	0	0	0
1/23/2024 12:09	10701 CATA_T2	1	0	-1	0.2	0	-0.2	0	0	0	0	0	0	0	0
1/23/2024 12:09	67402 WAKE_T2	0	0	0	0	0	0	0.49	0.48	1	1	0	600	600	0
1/23/2024 12:09	15001 BLMO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1/23/2024 12:11	54505 ENOL_T2	1	1	0	0.8	1.1	0.3	0	0	0	0	0	0	0	0
1/23/2024 12:12	67402 WAKE_T2	0	0	0	0	0	0	0.49	0.48	1	1	0	600	600	0
1/23/2024 12:13	54502 ENOL_T2	0	1	1	0	0.2	0.2	-1.15	-1.05	1	1	0	600	600	0
1/23/2024 12:15	54502 ENOL_T2	1	1	0	0.2	0.4	0.2	0	0	0	0	0	0	0	0
1/23/2024 12:23	67901 WNHO_T2	0	0	0	0	0	0	-0.07	-0.02	1	1	0	900	900	0
1/23/2024 12:26	46004 BERW_T2	0	0	0	0	0	0	-0.36	-0.46	0	0	0	0	0	0
1/23/2024 12:27	46004 BERW_T2	0	0	0	0	0	0	-0.36	-0.46	0	0	0	0	0	0
1/23/2024 12:27	54502 ENOL_T2	1	1	0	0.2	0.4	0.2	-1.05	-1.07	1	1	0	600	600	0
1/23/2024 12:27	15001 BLMO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1/23/2024 12:27	54502 ENOL_T2	1	1	0	0.2	0.4	0.2	-1.05	-1.07	1	1	0	600	600	0
1/23/2024 12:27	65001 NEFF_T2	0	0	0	0	0	0	-0.49	-0.43	0	1	1	0	1200	1200
1/23/2024 12:28	54505 ENOL_T2	1	1	0	0.9	1.3	0.4	-2.48	-2.46	2	2	0	1200	1200	0
1/23/2024 12:29	54505 ENOL_T2	1	1	0	0.9	1.3	0.4	-1.24	-1.23	1	1	0	600	600	0
1/23/2024 12:31	16101 BING_T2	161	0	-161	0.78	0	-0.78	-0.46	0.49	0	0	0	0	0	0
1/23/2024 12:35	67402 WAKE_T2	0	0	0	0	0	0	0.48	0.49	1	1	0	600	600	0
1/23/2024 12:36	54601 SUMM_T2	3	6	3	0.57	0.52	-0.05	-3.65	-3.68	4	4	0	4200	4200	0
1/23/2024 12:38	54601 SUMM_T2	3	6	3	0.57	0.52	-0.05	-1.82	-1.84	2	2	0	2100	2100	0
1/23/2024 12:39	54601 SUMM_T2	3	6	3	0.57	0.52	-0.05	-3.68	-3.73	4	4	0	4200	4200	0
1/23/2024 12:42	61303 EARL_T1	0	0	0	0	0	0	1.64	1.6	0	0	0	0	0	0
1/23/2024 12:43	61101 BERK_T5	0	0	0	0	0	0	-0.91	-0.91	0	0	0	0	0	0
1/23/2024 12:47	47401 PENS_T1	0	0	0	0	0	0	0.88	0.88	0	0	0	0	0	0
1/23/2024 12:49	47403 PENS_T1	1	1	0	1.8	1.7	-0.1	0	0	0	0	0	0	0	0
1/23/2024 12:50	47403 PENS_T1	1	1	0	1.8	1.7	-0.1	0	0	0	0	0	0	0	0
1/23/2024 12:51	55105 WERT_T1	0	0	0	0	0	0	-0.57	-0.59	1	1	0	900	900	0
1/23/2024 12:53	65001 NEFF_T2	0	0	0	0	0	0	-0.43	-0.39	1	1	0	1200	1200	0
1/23/2024 12:58	60101 COCA_T1	0	0	0	0	0	0	0.8	0.8	0	0	0	0	0	0
1/23/2024 13:02	42903 MIDD_T2	0	0	0	0	0	0	0.71	0.79	1	1	0	1200	1200	0
1/23/2024 13:04	65801 RTWN_T1	0	0	0	0	0	0	-1.11	-1.16	2	2	0	1200	1200	0
1/23/2024 13:05	43101 SMIL_T2	0	1	1	0	0.5	0.5	0	0	0	0	0	0	0	0
1/23/2024 13:07	65001 NEFF_T2	0	0	0	1	0	0	-0.39	-0.46	1	1	0	1200	1200	0
1/23/2024 13:10	51107 CARL_T1	0	0	0	0	0	0	0.05	0.04	0	0	0	0	0	0
1/23/2024 13:11	51102 CARL_T1	34	4	-30	0.18	0.18	0	0	0	0	0	0	0	0	0
1/23/2024 13:12	17802 GILB_T1	0	0	0	0	0	0	0.31	0.24	0	0	0	0	0	0
1/23/2024 13:13	17804 GILB_T2	0	0	0	0	0	0	-0.52	-0.52	0	0	0	0	0	0
1/23/2024 13:14	17805 GILB_T2	0	0	0	0	0	0	0.17	0.2	0	0	0	0	0	0
1/23/2024 13:15	17802 GILB_T1	0	0	0	0	0	0	0.31	0.24	0	0	0	0	0	0
1/23/2024 13:16	17805 GILB_T2	0	0	0	0	0	0	0.17	0.2	0	0	0	0	0	0
1/23/2024 13:23	67605 WARW_T1	2	11	9	0.1	0.18	0.08	-1.09	-1.3	0	0	0	0	0	0
1/23/2024 13:26	54502 ENOL_T2	5	2	-3	0.18	0.2	0.02	0	0	0	0	0	0	0	0
1/23/2024 13:35	13302 ORVI_T2	0	3	3	0	0.2	0.2	1.1	1.08	0	0	0	0	0	0
1/23/2024 13:36	13302 ORVI_T2	0	3	3	0	0.2	0.2	2.2	2.17	0	0	0	0	0	0
1/23/2024 13:42	54504 ENOL_T2	0	0	0	0	0	0	-0.97	-0.98	1	1	0	600	600	0
1/23/2024 13:43	54503 ENOL_T2	0	0	0	0	0	0	-1.85	-1.85	1	1	0	600	600	0
1/23/2024 13:43	54505 ENOL_T2	1	1	0	1.1	1.1	0	0	0	0	0	0	0	0	0
1/23/2024 13:44	17802 GILB_T1	0	0	0	0	0	0	0.3	0.34	0	0	0	0	0	0
1/23/2024 13:44	54502 ENOL_T2	1	2	1	0.2	0.2	0	0	0	0	0	0	0	0	0
1/23/2024 13:45	54504 ENOL_T2	0	0	0	0	0	0	-0.97	-0.98	1	1	0	600	600	0
1/23/2024 13:45	54502 ENOL_T2	2	1	-1	0.2	0.2	0	0	0	0	0	0	0	0	0
1/23/2024 13:46	54502 ENOL_T2	2	1	-1	0.2	0.2	0	0	0	0	0	0	0	0	0
1/23/2024 13:46	17802 GILB_T1	0	0	0	0	0	0	0.3	0.34	0	0	0	0	0	0
1/23/2024 13:46	54502 ENOL_T2	2	1	-1	0.2	0.2	0	0	0	0	0	0	0	0	0
1/23/2024 13:47	54505 ENOL_T2	1	1	0	1.1	1.1	0	-1.21	-1.22	1	1	0	600	600	0
1/23/2024 13:49	54202 PENN_T2	3	0	-3	0.1	0	-0.1	0	0	0	0	0	0	0	0
1/23/2024 13:51	54202 PENN_T2	3	0	-3	0.1	0	-0.1	0	0	0	0	0	0	0	0
1/23/2024 13:52	67402 WAKE_T2	0	0	0	0	0	0	0.31	0.3	1	1	0	600	600	0
1/23/2024 13:52	13302 ORVI_T2	1	3	2	0.4	0.13	-0.27	1.08	1.06	0	0	0	0	0	0
1/23/2024 13:57	54502 ENOL_T2	2	1	-1	0.2	0.2	0	0	0	0	0	0	0	0	0
1/23/2024 13:57	67402 WAKE_T2	0	0	0	0	0	0	0.3	0.35	1	1	0	600	600	0
1/23/2024 13:58	54502 ENOL_T2	2	1	-1	0.2	0.2	0	0	0	0	0	0	0	0	0
1/23/2024 13:59	54505 ENOL_T2	1	1	0	1.1	1.1	0	-1.22	-1.24	1	1	0	600	600	0
1/23/2024 14:00	54502 ENOL_T2	1	0	-1	0.2	0	-0.2	0	0	0	0	0	0	0	0
1/23/2024 14:01	54505 ENOL_T2	1	1	0	1.1	1	-0.1	-1.22	-1.24	1	1	0	600	600	0
1/23/2024 14:01	17401 FOHI_T1	1	1	0	0.3	0.2	-0.1	-1.33	-1.33	0	0	0	0	0	0
1/23/2024 14:05	42801 SELI_T1	1	0	-1	0	0	0	0	0	0	0	0	0	0	0
1/23/2024 14:06	50501 MECH_T1	4	1	-3	0.2	0.2	0	0	0	0	0	0	0	0	0
1/23/2024 14:07	16301 ALPA_T1	5	4	-1	0.22	0.25	0.03	-0.35	-0.37	0	0	0	0	0	0
1/23/2024 14:07	67402 WAKE_T2	0	0	0	0	0	0	0.3	0.35	1	1	0	600	600	0
1/23/2024 14:08	43001 ALWD_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1/23/2024 14:08	67901 WNHO_T2	0	0	0	0	0	0	0.21	0.08	1	1	0	900	900	0
1/23/2024 14:09	67402 WAKE_T2	0	0	0	0	0	0	0.35	0.47	1	1	0	600	600	0
1/23/2024 14:09	16301 ALPA_T1	5	4	-1	0.22	0.25	0.03	-0.74	-0.62	0	0	0	0	0	0
1/23/2024 14:10	44301 BEAV_T2	0	0	0	0	0	0	-0.18	-0.23	2	2	0	1500	1500	0
1/23/2024 14:11	16302 ALPA_T2	0	0	0	0	0	0	-0.56	-0.65	0	0	0	0	0	0
1/23/2024 14:12	49803 UNIV_T1	2	7	5	0.1	0.1	0	-1.08	-1.03	0	0	0	0	0	0
1/23/2024 14:12	65003 NEFF_T2	0	1	1	0	0.1	0.1	0	0	0	0	0	0	0	0
1/23/2024 14:12	16301 ALPA_T1	5	4	-1	0.22	0.25	0.03	-1.11	-0.93	0	0	0	0	0	0
1/23/2024 14:13	67402 WAKE_T2	0	0	0	0	0	0	0.35	0.47	1	1	0	600	600	0
1/23/2024 14:14	49803 UNIV_T1	2	7	5	0.1	0.1	0	-1.08	-1.03	0	0	0	0	0	0
1/23/2024 14:17	55001 NEWP_T1	0	1	1	0	0	0	0	0	0	0	0	0	0	0
1/23/2024 14:18	55002 NEWP_T1	3	6	3	0.37	0.33	-0.04	-0.48	-0.48	0	0	0	0	0	0
1/23/2024 14:19	65001 NEFF_T2	0	0	0	0	0	0	-0.66	-0.55	1	1	0	1200	1200	0
1/23/2024 14:19	64902 MILL_T2	0	0	0	0	0	0	0.25	0.26	0	0	0	0	0	0
1/23/2024 14:20	55002 NEWP_T1	3	6	3	0.37	0.33	-0.04	-0.24	-0.24	0	0	0	0	0	0
1/23/2024 14:20	54601 SUMM_T2	3	6	3	0.57	0.45	-0.12	-1.84	-1.81	2	2	0	2100	2100	0
1/23/2024 14:21	54601 SUMM_T2	3	6	3	0.57	0.45	-0.12	-1.84	-1.81	2	2	0	2100	2100	0
1/23/2024 14:21	13302 ORVI_T2	2	1	-1	0.1	0.1	0	1.03	1.05	0	0	0	0	0	0
1/23/2024 14:21	55001 NEWP_T1	0	1	1	0	0	0	0	0	0	0	0	0	0	0
1/23/2024 14:22	54601 SUMM_T2	3	6	3	0.57	0.45	-0.12	-1.84	-1.81	2	2	0	2100	2100	0
1/23/2024 14:22	42701 AUGU_T1	0	1	1	0	0	0	0	0	1	1	0	600	600	0
1/23/2024 14:22	67503 WEWI_T2	0	1	1	0	0	0	-0.2	-0.08	0	0	0	0	0	0
1/23/2024 14:22	44301 BEAV_T2	0	0	0	0	0	0	-0.18	-0.23	2	1	-1	1500	600	-900
1/23/2024 14:22	45402 WBLO_T2	0	2	2	0	0.1	0.1	-0.69	-0.67	0	0	0	0	0	0
1/23/2024 14:23	67502 WEWI_T2	0	0	0	0	0	0	-0.18	-0.34	0	0	0	0	0	0
1/23/2024 14:23	67402 WAKE_T2	0	0	0	0	0	0	0.35	0.47	1	1	0	600	600	0
1/23/2024 14:23	61304 EARL_T1	0	1	1	0	0	0	0	0	0	0	0	0	0	0
1/23/2024 14:23	67502 WEWI_T2	0	0	0	0	0	0	-0.18	-0.34	0	0	0	0	0	0
1/23/2024 14:23	16302 ALPA_T2	0	0	0	0	0	0	-0.56	-0.65	0	0	0	0	0	0
1/23/2024 14:23	42701 AUGU_T1	0	1	1	0	0	0	0	0	1	1	0	600	600	0
1/23/2024 14:23	54601 SUMM_T2	3	6	3	0.57	0.45	-0.12	-1.84	-1.81	2	2	0	2100	2100	0
1/23/2024 14:24	16302 ALPA_T2	0	0	0	0	0	0	-0.65	-0.57	0	0	0	0	0	0
1/23/2024 14:24	67901 WNHO_T2	0	0	0	0	0	0	0.13	0.2	1	1	0	900	900	0
1/23/2024 14:24	67502 WEWI_T2	0	0	0	0	0	0	-0.17	-0.15	0	0	0	0	0	0
1/23/2024 14:24	67502 WEWI_T2	0	0	0	0	0	0	-0.17	-0.15	0	0	0	0	0	0
1/23/2024 14:24	67402 WAKE_T2	0	0	0	0	0	0	0.47	-0.13	1	1	0	600	600	0
1/23/2024 14:24	43001 ALWD_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1/23/2024 14:24	60101 COCA_T1	0	0	0	0	0	0	0.38	0.38	0	0	0	0	0	0
1/23/2024 14:25	67605 WARW_T1	4	36	32	0.18	0.31	0.13	-1.28	-1.3	0	0	0	0	0	0
1/23/2024 14:25	67503 WEWI_T2	0	1	1	0	0	0	-0.08	-0.08	0	0	0	0	0	0
1/23/2024 14:25	16302 ALPA_T2	0	0	0	0	0	0	-0.65	-0.57	0	0	0	0	0	0
1/23/2024 14:25	54601 SUMM_T2	3	6	3	0.57	0.45	-0.12	-1.81	-1.87	2	2	0	2100	2100	0
1/23/2024 14:25	60101 COCA_T1	0	0	0	0	0	0	0.38	0.38	0	0	0	0	0	0
1/23/2024 14:25	61306 EARL_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1/23/2024 14:26	67503 WEWI_T2	0	1	1	0	0	0	0	0	0	0	0	0	0	0
1/23/2024 14:26	42701 AUGU_T1	0	1	1	0	0	0	0	0	1	1	0	600	600	0
1/23/2024 14:26	16302 ALPA_T2	0	0	0	0	0	0	-0.65	-0.57	0	0	0	0	0	0
1/23/2024 14:27	43001 ALWD_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1/23/2024 14:27	60101 COCA_T1	0	0	0	0	0	0	0.76	0.77	0	0	0	0	0	0
1/23/2024 14:27	17805 GILB_T2	0	0	0	0	0	0	0.23	0.17	0	0	0	0	0	0
1/23/2024 14:28	67402 WAKE_T2	0	0	0	0	0	0	0.47	-0.13	1	1	0	600	600	0
1/23/2024 14:28	60101 COCA_T1	0	0	0	0	0	0	0.38	0.38	0	0	0	0	0	0
1/23/2024 14:29	60101 COCA_T1	0	0	0	0	0	0	0.38	0.38	0	0	0	0	0	0
1/23/2024 14:30	17805 GILB_T2	0	0	0	0	0	0	0.23	0.17	0	0	0	0	0	0
1/23/2024 14:31	17802 GILB_T1	0	0	0	0	0	0	0.31	0.32	0	0	0	0	0	0
1/23/2024 14:31	42902 MIDD_T2	0	0	0	0	0	0	-0.84	-0.91	1	1	0	600	600	0
1/23/2024 14:32	55002 NEWP_T1	5	5	0	0.28	0.38	0.1	-0.24	-0.22	0	0	0	0	0	0
1/23/2024 14:32	43001 ALWD_T1	0	1	1	0	0.1	0.1	0	0	0	0	0	0	0	0
1/23/2024 14:33	17804 GILB_T2	0	0	0	0	0	0	-0.51	-0.53	0	0	0	0	0	0
1/23/2024 14:33	55002 NEWP_T1	5	5	0	0.28	0.38	0.1	-0.48	-0.44	0	0	0	0	0	0
1/23/2024 14:33	65001 NEFF_T2	0	0	0	0	0	0	-0.55	-0.54	1	1	0	1200	1200	0
1/23/2024 14:34	64101 REFR_T1	0	0	0	0	0	0	0.2	0.2	0	0	0	0	0	0
1/23/2024 14:34	55002 NEWP_T1	5	5	0	0.28	0.38	0.1	-0.24	-0.22	0	0	0	0	0	0
1/23/2024 14:34	60101 COCA_T1	0	0	0	0	0	0	0.38	0.38	0	0	0	0	0	0
1/23/2024 14:35	54601 SUMM_T2	3	6	3	0.6	0.5	-0.1	-1.81	-1.87	2	2	0	2100	2100	0
1/23/2024 14:35	42903 MIDD_T2	0	2	2	0	0.15	0.15	0.3	0	1	1	0	1200	1200	0
1/23/2024 14:36	57401 SPAN_T1	2	2	0	0.4	0.45	0.05	-1.36	-1.4	2	2	0	1200	1200	0
1/23/2024 14:36	54601 SUMM_T2	3	6	3	0.6	0.5	-0.1	-3.63	-3.73	4	4	0	4200	4200	0
1/23/2024 14:36	55001 NEWP_T1	1	0	-1	0.1	0	-0.1	0	0	0	0	0	0	0	0
1/23/2024 14:36	59202 THOM_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1/23/2024 14:37	57401 SPAN_T1	2	2	0	0.4	0.45	0.05	0	0	0	0	0	0	0	0
1/23/2024 14:37	54601 SUMM_T2	3	6	3	0.6	0.5	-0.1	-1.81	-1.87	2	2	0	2100	2100	0
1/23/2024 14:37	45402 WBLO_T2	0	37	37	0	0.25	0.25	-0.67	-0.68	0	0	0	0	0	0
1/23/2024 14:37	67503 WEWI_T2	0	0	0	0	0	0	-0.08	-0.08	0	0	0	0	0	0
1/23/2024 14:37	13302 ORVI_T2	1	0	-1	0.1	0	-0.1	1.05	1.08	0	0	0	0	0	0
1/23/2024 14:37	43001 ALWD_T1	0	1	1	0	0.1	0.1	0	0	0	0	0	0	0	0
1/23/2024 14:38	64101 REFR_T1	0	0	0	0	0	0	0.2	0.2	0	0	0	0	0	0
1/23/2024 14:38	60101 COCA_T1	0	0	0	0	0	0	0.38	0.38	0	0	0	0	0	0
1/23/2024 14:38	67503 WEWI_T2	0	0	0	0	0	0	-0.08	-0.08	0	0	0	0	0	0
1/23/2024 14:38	54601 SUMM_T2	3	6	3	0.6	0.5	-0.1	-1.81	-1.87	2	2	0	2100	2100	0
1/23/2024 14:38	16301 ALPA_T1	3	5	2	0.3	0.24	-0.06	-1.24	-1.28	0	0	0	0	0	0
1/23/2024 14:38	46004 BERW_T2	0	0	0	0	0	0	-0.51	-0.5	0	0	0	0	0	0
1/23/2024 14:39	42701 AUGU_T1	1	2	1	0.2	0.2	0	0	0	2	2	0	1200	1200	0
1/23/2024 14:39	61306 EARL_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1/23/2024 14:39	67605 WARW_T1	7	36	29	0.23	0.31	0.08	0	0	0	0	0	0	0	0
1/23/2024 14:39	67402 WAKE_T2	0	0	0	0	0	0	-0.26	-0.76	2	2	0	1200	1200	0
1/23/2024 14:39	16302 ALPA_T2	0	0	0	0	0	0	-0.57	-0.61	0	0	0	0	0	0
1/23/2024 14:39	67503 WEWI_T2	0	0	0	0	0	0	-0.08	-0.05	0	0	0	0	0	0
1/23/2024 14:40	67503 WEWI_T2	0	0	0	0	0	0	-0.08	-0.05	0	0	0	0	0	0
1/23/2024 14:40	67901 WNHO_T2	0	0	0	0	0	0	0.2	-0.22	1	1	0	900	900	0
1/23/2024 14:40	16302 ALPA_T2	0	0	0	0	0	0	-0.57	-0.61	0	0	0	0	0	0
1/23/2024 14:40	43001 ALWD_T1	0	1	1	0	0.1	0.1	0	0	0	0	0	0	0	0
1/23/2024 14:41	16302 ALPA_T2	0	0	0	0	0	0	-0.57	-0.61	0	0	0	0	0	0
1/23/2024 14:41	61306 EARL_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1/23/2024 14:41	67603 WARW_T1	0	0	0	0	0	0	0.06	0.09	0	0	0	0	0	0
1/23/2024 14:41	67605 WARW_T1	7	36	29	0.23	0.31	0.08	-2.61	-2.5	0	0	0	0	0	0
1/23/2024 14:41	26401 INOR_T1	0	0	0	0	0	0	0.92	0.95	0	0	0	0	0	0
1/23/2024 14:41	16301 ALPA_T1	3	5	2	0.3	0.24	-0.06	-0.64	-

Appendix C - Grid Benefits Achieved in Each Instance of Active Management

1/23/2024 14:54	51107 CARL_T1	0	0	0	0	0	0	0.11	0.06	0	0	0	0	0	0
1/23/2024 14:54	60801 BUCK_T1	0	0	0	0	0	0	0.05	0	0	0	0	0	0	0
1/23/2024 14:55	67402 WAKE_T2	0	0	0	0	0	0	-0.38	-0.38	1	1	0	600	600	0
1/23/2024 14:56	54505 ENOL_T2	1	1	0	1	1.1	0.1	-1.21	-1.24	1	1	0	600	600	0
1/23/2024 14:56	64101 REFR_T1	0	0	0	0	0	0	0.22	0.22	0	0	0	0	0	0
1/23/2024 14:57	51108 CARL_T1	1	1	0	0.5	0.6	0.1	0	0	0	0	0	0	0	0
1/23/2024 14:57	57403 SPAN_T1	2	3	1	0.1	0.1	0	0	0	0	0	0	0	0	0
1/23/2024 14:58	43001 ALWD_T1	0	4	4	0	0.1	0.1	0	0	0	0	0	0	0	0
1/23/2024 14:58	54503 ENOL_T2	0	0	0	0	0	0	-1.2	-1.16	1	1	0	600	600	0
1/23/2024 14:58	54503 ENOL_T2	0	0	0	0	0	0	-1.2	-1.16	1	1	0	600	600	0
1/23/2024 14:59	54504 ENOL_T2	0	0	0	0	0	0	-1	-1.02	1	1	0	600	600	0
1/23/2024 14:59	54502 ENOL_T2	1	0	-1	0.1	0	-0.1	0	0	0	0	0	0	0	0
1/23/2024 15:00	54505 ENOL_T2	1	1	0	1.1	1	-0.1	0	0	0	0	0	0	0	0
1/23/2024 15:00	27101 GFLD_T2	0	0	0	0	0	0	0.31	0.39	0	0	0	0	0	0
1/23/2024 15:00	67402 WAKE_T2	0	0	0	0	0	0	-0.38	-0.38	1	1	0	600	600	0
1/23/2024 15:02	42902 MIDD_T2	0	0	0	0	0	0	-0.95	-0.28	1	1	0	600	600	0
1/23/2024 15:03	52102 MEIS_T1	0	0	0	0	0	0	0	0	2	2	0	900	900	0
1/23/2024 15:05	46302 ROHR_T1	4	2	-2	0.83	0.65	-0.18	0.21	0.2	0	0	0	0	0	0
1/23/2024 15:06	57403 SPAN_T1	3	0	-3	0.1	0	-0.1	0	0	0	0	0	0	0	0
1/23/2024 15:08	60701 BREC_T1	0	0	0	0	0	0	-0.43	-0.46	1	1	0	600	600	0
1/23/2024 15:08	46302 ROHR_T1	4	2	-2	0.83	0.65	-0.18	0.21	0.2	0	0	0	0	0	0
1/23/2024 15:09	60701 BREC_T1	0	0	0	0	0	0	-0.91	-0.92	2	2	0	1200	1200	0
1/23/2024 15:09	43001 ALWD_T1	1	10	9	0.1	0.14	0.04	0	0	0	0	0	0	0	0
1/23/2024 15:09	65003 NEFF_T2	0	1	1	0	0.1	0.1	0	0	0	0	0	0	0	0
1/23/2024 15:10	67402 WAKE_T2	0	0	0	0	0	0	-0.38	-0.37	1	1	0	600	600	0
1/23/2024 15:12	60701 BREC_T1	0	0	0	0	0	0	-1.37	-1.37	3	3	0	1800	1800	0
1/23/2024 15:13	60701 BREC_T1	0	0	0	0	0	0	-0.46	-0.46	1	1	0	600	600	0
1/23/2024 15:14	43001 ALWD_T1	1	10	9	0.1	0.14	0.04	0	0	0	0	0	0	0	0
1/23/2024 15:15	49803 UNIV_T1	0	0	0	0	0	0	-0.93	-0.99	0	0	0	0	0	0
1/23/2024 15:16	67402 WAKE_T2	0	0	0	0	0	0	-0.38	-0.37	1	1	0	600	600	0
1/23/2024 15:17	46903 MNTG_T2	0	0	0	0	0	0	-0.04	-0.01	1	1	0	600	600	0
1/23/2024 15:18	46903 MNTG_T2	0	0	0	0	0	0	-0.08	-0.02	2	2	0	1200	1200	0
1/23/2024 15:19	46903 MNTG_T2	0	0	0	0	0	0	-0.04	-0.01	1	1	0	600	600	0
1/23/2024 15:20	46903 MNTG_T2	0	0	0	0	0	0	-0.04	-0.01	1	1	0	600	600	0
1/23/2024 15:20	46903 MNTG_T2	0	0	0	0	0	0	-0.04	-0.01	1	1	0	600	600	0
1/23/2024 15:21	46903 MNTG_T2	0	0	0	0	0	0	-0.04	-0.01	1	1	0	600	600	0
1/23/2024 15:21	67402 WAKE_T2	0	0	0	0	0	0	-0.38	-0.37	1	1	0	600	600	0
1/23/2024 15:21	54206 PENN_T2	3	5	2	0.27	0.16	-0.11	0	0	0	0	0	0	0	0
1/23/2024 15:24	43001 ALWD_T1	4	11	7	0.1	0.18	0.08	0	0	0	0	0	0	0	0
1/23/2024 15:25	45601 WOOL_T1	0	0	0	0	0	0	0.17	0.03	1	1	0	1200	1200	0
1/23/2024 15:26	67402 WAKE_T2	0	0	0	0	0	0	-0.37	-0.38	1	1	0	600	600	0
1/23/2024 15:28	17805 GILB_T2	0	0	0	0	0	0	0.11	0.15	0	0	0	0	0	0
1/23/2024 15:29	17802 GILB_T1	0	0	0	0	0	0	0.64	0.64	0	0	0	0	0	0
1/23/2024 15:30	17805 GILB_T2	0	0	0	0	0	0	0.11	0.15	0	0	0	0	0	0
1/23/2024 15:30	17805 GILB_T2	0	0	0	0	0	0	0.11	0.15	0	0	0	0	0	0
1/23/2024 15:30	43001 ALWD_T1	10	11	1	0.14	0.18	0.04	0	0	0	0	0	0	0	0
1/23/2024 15:30	61101 BERK_T5	0	0	0	0	0	0	-0.91	-0.94	0	0	0	0	0	0
1/23/2024 15:31	17802 GILB_T1	0	0	0	0	0	0	0.64	0.64	0	0	0	0	0	0
1/23/2024 15:33	66303 MCGD_T2	1	0	-1	0.2	0	-0.2	0	0	0	0	0	0	0	0
1/23/2024 15:33	52102 MEIS_T1	1	0	-1	0	0	0	0	0	1	1	0	450	450	0
1/23/2024 15:36	65003 NEFF_T2	0	3	3	0	0.1	0.1	0	0	0	0	0	0	0	0
1/23/2024 15:37	67402 WAKE_T2	0	0	0	0	0	0	-0.37	-0.38	1	1	0	600	600	0
1/23/2024 15:38	14402 SSLA_T1	2	3	1	0.1	0.17	0.07	0	0	0	0	0	0	0	0
1/23/2024 15:39	14404 SSLA_T1	0	1	1	0	0.2	0.2	0	0	0	0	0	0	0	0
1/23/2024 15:42	67402 WAKE_T2	0	0	0	0	0	0	-0.38	-0.37	1	1	0	600	600	0
1/23/2024 15:46	49803 UNIV_T1	0	0	0	0	0	0	-0.93	-0.94	0	0	0	0	0	0
1/23/2024 15:48	65502 MOIO_T2	0	0	0	1	0	0	-1.34	-1.29	1	1	0	900	900	0
1/23/2024 15:48	47401 PENS_T1	0	0	0	0	0	0	0.85	0.83	0	0	0	0	0	0
1/23/2024 15:49	47403 PENS_T1	1	1	0	2.1	2.1	0	0	0	0	0	0	0	0	0
1/23/2024 15:50	47401 PENS_T1	0	0	0	0	0	0	0.85	0.83	0	0	0	0	0	0
1/23/2024 15:52	14402 SSLA_T1	3	3	0	0.17	0.17	0	0	0	0	0	0	0	0	0
1/23/2024 15:52	47403 PENS_T1	1	1	0	2.1	2.1	0	0	0	0	0	0	0	0	0
1/23/2024 16:05	46903 MNTG_T2	0	0	0	0	0	0	-0.1	-0.16	1	1	0	600	600	0
1/23/2024 16:07	43102 SMIL_T2	6	4	-2	0.25	0.2	-0.05	0	0	0	0	0	0	0	0
1/23/2024 16:08	67402 WAKE_T2	0	0	0	0	0	0	-0.37	-0.35	1	1	0	600	600	0
1/23/2024 16:13	67402 WAKE_T2	0	0	0	0	0	0	-0.35	-0.34	1	1	0	600	600	0
1/23/2024 16:15	65003 NEFF_T2	3	4	1	0.2	0.25	0.05	0	0	0	0	0	0	0	0
1/23/2024 16:17	63803 HEMP_T1	5	9	4	0.1	0.11	0.01	0	0	0	0	0	0	0	0
1/23/2024 16:24	67402 WAKE_T2	0	0	0	0	0	0	-0.34	-0.36	1	1	0	600	600	0
1/23/2024 16:29	67402 WAKE_T2	0	0	0	0	0	0	-0.34	-0.36	1	1	0	600	600	0
1/23/2024 16:40	67402 WAKE_T2	0	0	0	0	0	0	-0.36	-0.34	1	1	0	600	600	0
1/23/2024 16:44	65001 NEFF_T2	0	0	0	0	0	0	-0.73	-0.54	1	1	0	1200	1200	0
1/23/2024 16:45	67402 WAKE_T2	0	0	0	0	0	0	-0.36	-0.34	1	1	0	600	600	0
1/23/2024 16:55	67402 WAKE_T2	0	0	0	0	0	0	-0.34	-0.33	1	1	0	600	600	0
1/23/2024 17:00	65003 NEFF_T2	1	0	-1	0.1	0	-0.1	0	0	0	0	0	0	0	0
1/23/2024 17:00	54502 ENOL_T2	0	0	0	0	0	0	-1.14	-1.07	1	1	0	600	600	0
1/23/2024 17:01	67402 WAKE_T2	0	0	0	0	0	0	-0.34	-0.33	1	1	0	600	600	0
1/23/2024 17:06	43202 MVIL_T2	0	0	0	0	0	0	-0.65	-0.66	0	0	0	0	0	0
1/23/2024 17:06	67402 WAKE_T2	0	0	0	0	0	0	-0.34	-0.33	1	1	0	600	600	0
1/23/2024 17:11	43202 MVIL_T2	0	0	0	0	0	0	-0.66	-0.64	0	0	0	0	0	0
1/23/2024 17:11	67402 WAKE_T2	0	0	0	0	0	0	-0.33	-0.33	1	1	0	600	600	0
1/23/2024 17:15	60701 BREC_T1	0	0	0	0	0	0	-0.47	-0.45	1	1	0	600	600	0
1/23/2024 17:35	43101 SMIL_T2	2	0	-2	0.35	0	-0.35	0	0	0	0	0	0	0	0
1/23/2024 17:36	43102 SMIL_T2	1	1	0	0.1	0.1	0	0	0	0	0	0	0	0	0
1/23/2024 17:48	60201 ATGL_T2	0	0	0	0	0	0	0.21	0.27	1	1	0	300	300	0
1/23/2024 17:51	43101 SMIL_T2	0	1	1	0	0	0	0	0	0	0	0	0	0	0
1/23/2024 17:53	43101 SMIL_T2	0	1	1	0	0	0	0	0	0	0	0	0	0	0
1/23/2024 18:43	26401 INOR_T1	1	1	0	0.9	0	-0.9	0.5	0.51	0	0	0	0	0	0
1/23/2024 18:45	65001 NEFF_T2	0	0	0	0	0	0	-0.8	-0.74	1	1	0	1200	1200	0
1/23/2024 18:46	46802 HEPB_T1	1	2	1	1.3	1.4	0.1	-1.07	-1.07	0	0	0	0	0	0
1/23/2024 18:51	27101 GFLD_T2	0	0	0	0	0	0	0.34	0.36	0	0	0	0	0	0
1/23/2024 18:51	16402 MOPO_T1	1	0	-1	0.1	0	-0.1	0.25	0.21	0	0	0	0	0	0
1/23/2024 18:52	16402 MOPO_T1	1	0	-1	0.1	0	-0.1	0.25	0.21	0	0	0	0	0	0
1/23/2024 18:54	43104 SMIL_T2	0	5	5	0	0	0	-0.65	-0.66	1	1	0	300	300	0
1/23/2024 18:55	46903 MNTG_T2	0	11	11	0	0.11	0.11	0	0	0	0	0	0	0	0
1/23/2024 18:56	67502 WEWI_T2	0	0	0	0	0	0	-1.28	-1.31	1	1	0	900	900	0
1/23/2024 18:56	46903 MNTG_T2	0	11	11	0	0.11	0.11	-0.38	-0.25	1	1	0	600	600	0
1/23/2024 18:57	45502 DERR_T2	0	3	3	0	0.4	0.4	0	0	0	0	0	0	0	0
1/23/2024 18:57	43201 MVIL_T2	0	2	2	0	0	0	-0.33	-0.35	0	0	0	0	0	0
1/23/2024 18:58	47001 HUGH_T2	0	0	0	0	0	0	-0.53	-0.59	0	0	0	0	0	0
1/23/2024 18:58	17805 GILB_T2	0	1	1	0	0	0	-0.69	-0.75	0	0	0	0	0	0
1/23/2024 18:58	57401 SPAN_T1	0	0	0	0	0	0	-1.31	-1.22	1	1	0	600	600	0
1/23/2024 18:59	15001 BLMO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1/23/2024 18:59	46801 HEPB_T2	0	0	0	0	0	0	0.68	0.67	0	0	0	0	0	0
1/23/2024 19:00	46903 MNTG_T2	11	7	-4	0.11	0.11	0	-0.38	-0.25	1	1	0	600	600	0
1/23/2024 19:00	47001 HUGH_T2	0	0	0	0	0	0	-0.53	-0.59	0	0	0	0	0	0
1/23/2024 19:01	43101 SMIL_T2	1	1	0	2.7	1.5	-1.2	0	0	0	0	0	0	0	0
1/23/2024 19:01	46802 HEPB_T1	1	1	0	1.4	1.3	-0.1	-1.07	-1.01	0	0	0	0	0	0
1/23/2024 19:01	67503 WEWI_T2	0	0	0	0	0	0	0.08	0.09	0	0	0	0	0	0
1/23/2024 19:01	10805 CHHI_T2	13	10	-3	2.89	3.67	0.78	-0.21	-0.15	0	0	0	0	0	0
1/23/2024 19:02	43102 SMIL_T2	2	5	3	0.15	0.18	0.03	0	0	0	0	0	0	0	0
1/23/2024 19:02	67204 TEHA_T2	0	0	0	0	0	0	-0.14	-0.15	0	0	0	0	0	0
1/23/2024 19:03	62607 ENGL_T1	1	0	-1	0.2	0	-0.2	0	0	0	0	0	0	0	0
1/23/2024 19:03	67503 WEWI_T2	0	0	0	0	0	0	0.08	0.09	0	0	0	0	0	0
1/23/2024 19:03	64101 REFR_T1	0	0	0	0	0	0	-0.01	0.01	0	0	0	0	0	0
1/23/2024 19:03	67603 WARW_T1	0	0	0	0	0	0	0.06	0.05	0	0	0	0	0	0
1/23/2024 19:03	10705 CATA_T2	0	0	0	0	0	0	-0.84	-0.84	1	1	0	900	900	0
1/23/2024 19:03	46903 MNTG_T2	11	7	-4	0.11	0.11	0	-0.38	-0.25	1	1	0	600	600	0
1/23/2024 19:04	62604 ENGL_T1	1	1	0	0.4	0.3	-0.1	-0.46	-0.38	1	1	0	600	600	0
1/23/2024 19:04	64204 KINZ_T1	1	1	0	1	0.6	-0.4	0	0	0	0	0	0	0	0
1/23/2024 19:04	16102 BING_T2	0	2	2	0	0.95	0.95	0	0	0	0	0	0	0	0
1/23/2024 19:04	43102 SMIL_T2	2	5	3	0.15	0.18	0.03	0	0	0	0	0	0	0	0
1/23/2024 19:04	65001 NEFF_T2	0	0	0	0	0	0	-0.74	-0.76	1	1	0	1200	1200	0
1/23/2024 19:04	54001 SDLE_T1	5	5	0	0.48	0.56	0.08	0	0	0	0	0	0	0	0
1/23/2024 19:04	46302 ROHR_T1	4	2	-2	2.15	0.23	-1.92	0.24	0.25	0	0	0	0	0	0
1/23/2024 19:04	56802 BENV_T2	2	2	0	0.3	0.35	0.05	-1.3	-1.27	0	0	0	0	0	0
1/23/2024 19:04	46903 MNTG_T2	11	7	-4	0.11	0.11	0	-0.77	-0.5	2	2	0	1200	1200	0
1/23/2024 19:04	52002 LING_T2	0	0	0	0	0	0	-0.13	-0.11	0	0	0	0	0	0
1/23/2024 19:05	57303 MOAL_T2	1	1	0	7.1	6.9	-0.2	0	0	0	0	0	0	0	0
1/23/2024 19:05	46206 DANV_T2	0	0	0	0	0	0	1.52	2.05	1	1	0	1200	1200	0
1/23/2024 19:05	45602 WOOL_T1	1	3	2	0	0.45	0.45	0	0	0	0	0	0	0	0
1/23/2024 19:05	61101 BERK_T5	0	0	0	0	0	0	-1.08	-1.05	0	0	0	0	0	0
1/23/2024 19:05	56501 ROCK_T2	8	9	1	0.38	0.2	-0.18	-1.35	-1.31	0	0	0	0	0	0
1/23/2024 19:05	64101 REFR_T1	0	0	0	0	0	0	-0.01	0.01	0	0	0	0	0	0
1/23/2024 19:05	65701 RVIL_T1	0	0	0	0	0	0	-0.73	-0.72	0	0	0	0	0	0
1/23/2024 19:05	56801 BENV_T1	4	3	-1	0.2	0.18	-0.02	-0.55	-0.59	1	1	0	600	600	0
1/23/2024 19:05	67502 WEWI_T2	0	1	1	0	0.1	0.1	-1.28	-1.31	1	1	0	900	900	0
1/23/2024 19:05	44301 BEAV_T2	1	1	0	0.4	0	-0.4	-0.17	-0.15	1	1	0	600	600	0
1/23/2024 19:06	49804 UNIV_T1	0	2	2	0	0.15	0.15	0	0	0	0	0	0	0	0
1/23/2024 19:06	44301 BEAV_T2	1	1	0	0.4	0	-0.4	-0.17	-0.15	1	1	0	600	600	0
1/23/2024 19:06	65701 RVIL_T1	0	0	0	0	0	0	-0.73	-0.72	0	0	0	0	0	0
1/23/2024 19:06	47401 PENS_T1	0	0	0	0	0	0	0.8	0.81	0	0	0	0	0	0
1/23/2024 19:06	60801 BUCK_T1	0	0	0	0	0	0	-0.14	-0.17	0	0	0	0	0	0
1/23/2024 19:06	62604 ENGL_T1	1	1	0	0.4	0.3	-0.1	-0.46	-0.38	1	1	0	600	600	0
1/23/2024 19:06	43202 MVIL_T2	0	0	0	0	0	0	-0.67	-0.69	0	0	0	0	0	0
1/23/2024 19:06	13302 ORVI_T2	0	0	0	0	0	0	1.06	1.06	0	0	0	0	0	0
1/23/2024 19:06	43101 SMIL_T2	1	1	0	2.7	1.5	-1.2	0	0	0	0	0	0	0	0
1/23/2024 19:06	45702 LIND_T2	1	1	0	1	1.2	0.2	-0.45	-0.47	0	0	0	0	0	0
1/23/2024 19:06	17802 GILB_T1	1	0	-1	5.5	0	-5.5	0.13	0.11	0	0	0	0	0	0
1/23/2024 19:06	16301 ALPA_T1	1	1	0	0.1	0.1	0	-0.3	-0.33	0	0	0	0	0	0
1/23/2024 19:07	54505 ENOL_T2	1	1	0	0.4	0.5	0.1	-1.2	-1.19	1	1	0	600	600	0
1/23/2024 19:07	10805 CHHI_T2	13	10	-3	2.89	3.67	0.78	-0.21	-0.15	0	0	0	0	0	0
1/23/2024 19:07	45501 DERR_T2	7	5	-2	0.24	0.2	-0.04	0.89	0.98	2	2	0	1800	1800	0
1/23/2024 19:07	46206 DANV_T2	0	0	0	0	0	0	1.52	2.05	1	1	0	1200	1200	0
1/23/2024 19:07	43001 ALWD_T1	4	9	5	0.15	0.16	0.01	0	0	0	0	0	0	0	0
1/23/2024 19:07	64204 KINZ_T1	1	1	0	1	0.6	-0.4	0	0	0	0	0	0	0	0
1/23/2024 19:07	60101 COCA_T1	0	0	0	0	0	0	0.42	0.4	0	0	0	0	0	0
1/23/2024 19:07	65701 RVIL_T1	0	0	0	0	0	0	-0.73	-0.72	0	0	0	0	0	0
1/23/2024 19:07	54505 ENOL_T2	1	1	0	0.4	0.5	0.1	-1.2	-1.19	1	1	0	600	600	0
1/23/2024 19:07	13302 ORVI_T2	0	0	0	0	0	0	1.06	1.06	0	0	0	0	0	0
1/23/2024 19:07	65901 SAKR_T2	1	1	0	9	9.3	0.3	-1.31	-1.25	1	1	0	900	900	0
1/23/2024 19:07	47401 PENS_T1	0	0	0	0	0	0	0.8	0.81	0	0	0	0	0	0
1/23/2024 19:07	56802 BENV_T2	2	2	0	0.3	0.35	0.05	-2.6	-2.54	0	0	0	0	0	0
1/23/2024 19:07	16302 ALPA_T2	1	1	0	0.6	0	-0.6	-0.61	-0.65	0	0	0	0	0	0
1/23/2024 19:07	67502 WEWI_T2	0	1	1	0	0.1	0.1	-1.28	-1.31	1	1	0	900	900	0
1/23/2024 19:07	64903 MILL_T2	0	0	0	0	0	0	-0.34	-0.37	0	0	0	0	0	0
1/23/2024 19:08	54601 SUMM_T2	1	2	1	0.1	0.2	0.1	-1.86	-1.84	2	2	0	2100	2100	0
1/23/2024 19:08	64201 KINZ_T1	0	1	1	0	0	0	-0.7	-0.74	3	3	0	1500	1500	0
1/23/2024 19:08	57401 SPAN_T1	0	0	0	0	0	0	-1.31	-1.22	1	1	0	600	600	0
1/23/2024 19:08	60701 BREC_T1	0	0	0	0	0	0	-0.88	-0.86	2	2	0	1200	1200	0
1/23/2024 19:08	44905 SCOT_T1	6	2	-4	0.43	0.6	0.17	0	0	0	0	0	0	0	0
1/23/2024 19:08	44901 SCOT_T2	0	0	0	0	0	0	-0.15	-0.14	0	0	0	0	0	0
1/23/2024 19:08	54502 ENOL_T2	1	0	-1	0.2	0	-0.2	0	0	0	0	0	0	0	0
1/23/2024 19:08	46903 MNTG_T2	11	7	-4	0.11	0.11	0	0	0	0	0	0	0	0	0
1/23/2024 19:08	54505 ENOL_T2	1	1	0	0.4	0.5	0.1	-1.2	-1.19	1	1	0	600	600	0
1/23/2024 19:08	63203 MGTN_T1	0	0	0	0	0	0	-0.85	-0.83	2	2	0	1200	1200	0
1/23/2024 19:08	46203 DANV_T2	4	7	3	0.15	0.3	0.15	-1.1	-1.12	0	0	0	0	0	0
1/23/2024 19:08	53903 HALI_T2	2	2	0	1.7	1.8	0.1	0	0	0	0	0	0	0	0
1/23/2024 19:08	45501 DERR_T2	7	5	-2	0.24	0.2	-0.04	2.67	2.

1/23/2024 19:10	64702 LITI_T2	0	0	0	0	0	0	-0.71	-0.75	0	0	0	0	0	0
1/23/2024 19:10	60803 BUCK_T1	0	0	0	0	0	0	-1.17	-1.17	1	1	0	600	600	0
1/23/2024 19:10	59302 MCAL_T1	1	1	0	0.3	0.5	0.2	-0.98	-0.97	1	1	0	600	600	0
1/23/2024 19:10	17804 GILB_T2	0	0	0	0	0	0	-0.49	-0.46	0	0	0	0	0	0
1/23/2024 19:10	54601 SUMM_T2	1	2	1	0.1	0.2	0.1	-1.84	-1.9	2	2	0	2100	2100	0
1/23/2024 19:11	51102 CARL_T1	7	23	16	0.13	0.16	0.03	0	0	0	0	0	0	0	0
1/23/2024 19:11	67001 STHI_T2	295	399	104	0.16	0.18	0.02	0	0	0	0	0	0	0	0
1/23/2024 19:11	54501 ENOL_T2	0	0	0	0	0	0	0.28	0.24	0	0	0	0	0	0
1/23/2024 19:11	44901 SCOT_T2	0	0	0	0	0	0	-0.14	-0.15	0	0	0	0	0	0
1/23/2024 19:11	65001 NEFF_T2	0	0	0	0	0	0	-0.76	-0.87	1	1	0	1200	1200	0
1/23/2024 19:11	54501 ENOL_T2	0	0	0	0	0	0	0.28	0.24	0	0	0	0	0	0
1/23/2024 19:11	54501 ENOL_T2	0	0	0	0	0	0	0.28	0.24	0	0	0	0	0	0
1/23/2024 19:11	17802 GILB_T1	1	0	-1	5.5	0	-5.5	0.11	0.15	0	0	0	0	0	0
1/23/2024 19:11	66505 SMAN_T2	3	3	0	1.07	1.23	0.16	-0.4	-0.44	1	1	0	900	900	0
1/23/2024 19:11	11102 EGYP_T1	0	0	0	0	0	0	0.57	0.59	0	0	0	0	0	0
1/23/2024 19:11	55001 NEWP_T1	1	1	0	0.1	0	-0.1	0	0	0	0	0	0	0	0
1/23/2024 19:11	16301 ALPA_T1	1	1	0	0.1	0.1	0	-0.33	-0.32	0	0	0	0	0	0
1/23/2024 19:11	53903 HALI_T2	2	2	0	1.7	1.8	0.1	0	0	0	0	0	0	0	0
1/23/2024 19:11	46004 BERW_T2	3	8	5	0.27	0.25	-0.02	-0.6	-0.58	0	0	0	0	0	0
1/23/2024 19:11	56501 ROCK_T2	8	9	1	0.38	0.2	-0.18	-2.63	-2.61	0	0	0	0	0	0
1/23/2024 19:11	17805 GILB_T2	0	0	0	0	0	0	-0.75	-0.76	0	0	0	0	0	0
1/23/2024 19:11	64702 LITI_T2	0	0	0	0	0	0	-0.71	-0.75	0	0	0	0	0	0
1/23/2024 19:11	60101 COCA_T1	0	0	0	0	0	0	0.4	0.36	0	0	0	0	0	0
1/23/2024 19:11	61303 EARL_T1	0	0	0	0	0	0	0.31	0.27	0	0	0	0	0	0
1/23/2024 19:11	46302 ROHR_T1	2	4	2	2.15	0.23	-1.92	0.25	0.24	0	0	0	0	0	0
1/23/2024 19:11	13302 ORVI_T2	0	0	0	0	0	0	1.06	1.1	0	0	0	0	0	0
1/23/2024 19:11	59101 WALK_T2	0	0	0	0	0	0	0.02	0.01	0	0	0	0	0	0
1/23/2024 19:11	42701 AUGU_T1	2	2	0	0.6	0	-0.6	0	0	1	1	0	600	600	0
1/23/2024 19:11	56802 BENV_T2	2	2	0	0.3	0.35	0.05	-3.81	-3.78	0	0	0	0	0	0
1/23/2024 19:12	53903 HALI_T2	2	2	0	1.7	1.8	0.1	0	0	0	0	0	0	0	0
1/23/2024 19:12	42701 AUGU_T1	2	2	0	0.6	0	-0.6	0	0	1	1	0	600	600	0
1/23/2024 19:12	54601 SUMM_T2	1	2	1	0.1	0.2	0.1	-1.84	-1.9	2	2	0	2100	2100	0
1/23/2024 19:12	46206 DANV_T2	0	0	0	0	0	0	2.05	2.46	1	1	0	1200	1200	0
1/23/2024 19:12	46903 MNTG_T2	11	7	-4	0.11	0.11	0	-0.25	-0.32	1	1	0	600	600	0
1/23/2024 19:12	55103 WERT_T1	0	1	1	0	0	0	0	0	0	0	0	0	0	0
1/23/2024 19:12	67603 WARW_T1	0	0	0	0	0	0	0.05	0.03	0	0	0	0	0	0
1/23/2024 19:12	67002 STHI_T2	57	62	5	0.17	0.16	-0.01	0.7	0.66	0	0	0	0	0	0
1/23/2024 19:12	54204 PENN_T2	0	2	2	0	0.1	0.1	0	0	0	0	0	0	0	0
1/23/2024 19:12	67502 WEWI_T2	0	1	1	0	0.1	0.1	-1.31	-1.32	1	1	0	900	900	0
1/23/2024 19:12	66501 SMAN_T2	0	1	1	0	0.1	0.1	0	0	0	0	0	0	0	0
1/23/2024 19:12	56501 ROCK_T2	8	9	1	0.38	0.2	-0.18	-1.31	-1.3	0	0	0	0	0	0
1/23/2024 19:12	55001 NEWP_T1	1	1	0	0.1	0	-0.1	0	0	0	0	0	0	0	0
1/23/2024 19:12	54502 ENOL_T2	1	0	-1	0.2	0	-0.2	0	0	0	0	0	0	0	0
1/23/2024 19:12	52101 MEIS_T1	1	1	0	0.6	0.8	0.2	0	0	0	0	0	0	0	0
1/23/2024 19:12	53601 DALM_T2	1	1	0	0.5	0.4	-0.1	-0.67	-0.68	1	1	0	600	600	0
1/23/2024 19:12	54502 ENOL_T2	1	0	-1	0.2	0	-0.2	0	0	0	0	0	0	0	0
1/23/2024 19:12	65701 RVIL_T1	0	0	0	0	0	0	-0.72	-0.71	0	0	0	0	0	0
1/23/2024 19:12	61306 EARL_T1	3	5	2	0.13	0.22	0.09	0	0	0	0	0	0	0	0
1/23/2024 19:12	61303 EARL_T1	0	0	0	0	0	0	0.31	0.27	0	0	0	0	0	0
1/23/2024 19:13	43404 HONY_T1	2	2	0	6.2	6.5	0.3	0	0	0	0	0	0	0	0
1/23/2024 19:13	67201 TEHI_T1	0	3	3	0	0	0	0	0	0	0	0	0	0	0
1/23/2024 19:13	67204 TEHI_T2	0	0	0	0	0	0	-0.15	-0.12	0	0	0	0	0	0
1/23/2024 19:13	10801 CHHI_T1	1	3	2	0.7	0.5	-0.2	-0.74	-0.79	1	1	0	900	900	0
1/23/2024 19:13	57403 SPAN_T1	0	0	0	0	0	0	0.16	0.18	0	0	0	0	0	0
1/23/2024 19:13	65001 NEFF_T2	0	0	0	0	0	0	-0.76	-0.87	1	1	0	1200	1200	0
1/23/2024 19:13	52501 PROG_T1	0	0	0	0	0	0	0.33	0.32	1	1	0	300	300	0
1/23/2024 19:13	54001 SDLE_T1	5	5	0	0.48	0.56	0.08	0	0	0	0	0	0	0	0
1/23/2024 19:14	67402 WAKE_T2	0	0	0	0	0	0	-0.35	-0.34	1	1	0	600	600	0
1/23/2024 19:14	60101 COCA_T1	0	0	0	0	0	0	0.8	0.71	0	0	0	0	0	0
1/23/2024 19:14	16301 ALPA_T1	1	1	0	0.1	0.1	0	-0.33	-0.32	0	0	0	0	0	0
1/23/2024 19:14	54502 ENOL_T2	1	0	-1	0.2	0	-0.2	-1.15	-1.15	1	1	0	600	600	0
1/23/2024 19:14	55001 NEWP_T1	1	1	0	0.1	0	-0.1	0	0	0	0	0	0	0	0
1/23/2024 19:14	59101 WALK_T2	0	0	0	0	0	0	0.02	0.01	0	0	0	0	0	0
1/23/2024 19:14	57401 SPAN_T1	0	0	0	0	0	0	-2.45	-2.54	2	2	0	1200	1200	0
1/23/2024 19:14	56802 BENV_T2	2	2	0	0.3	0.35	0.05	-3.81	-3.78	0	0	0	0	0	0
1/23/2024 19:14	65701 RVIL_T1	0	0	0	0	0	0	-0.72	-0.71	0	0	0	0	0	0
1/23/2024 19:14	67605 WARW_T1	0	0	0	0	0	0	-0.98	-0.99	0	0	0	0	0	0
1/23/2024 19:14	54001 SDLE_T1	5	5	0	0.48	0.56	0.08	0	0	0	0	0	0	0	0
1/23/2024 19:14	67001 STHI_T2	295	399	104	0.16	0.18	0.02	0	0	0	0	0	0	0	0
1/23/2024 19:14	14403 SSLA_T1	0	0	0	0	0	0	0.83	0.81	0	0	0	0	0	0
1/23/2024 19:14	61306 EARL_T1	3	5	2	0.13	0.22	0.09	0	0	0	0	0	0	0	0
1/23/2024 19:15	56501 ROCK_T2	9	5	-4	0.28	0.2	-0.08	-1.31	-1.3	0	0	0	0	0	0
1/23/2024 19:15	59101 WALK_T2	0	0	0	0	0	0	0.02	0.01	0	0	0	0	0	0
1/23/2024 19:15	67001 STHI_T2	376	326	-50	0.18	0.16	-0.02	0	0	0	0	0	0	0	0
1/23/2024 19:15	60501 NMAN_T2	3	3	0	3.63	4.33	0.7	0	0	0	0	0	0	0	0
1/23/2024 19:15	52102 MEIS_T1	0	7	7	0	0.16	0.16	0	0	1	1	0	450	450	0
1/23/2024 19:15	46203 DANV_T2	5	8	3	0.24	0.29	0.05	-1.12	-1.1	0	0	0	0	0	0
1/23/2024 19:15	42701 AUGU_T1	2	0	-2	0.3	0	-0.3	0	0	1	1	0	600	600	0
1/23/2024 19:15	64101 REFR_T1	0	0	0	0	0	0	0.01	-0.01	0	0	0	0	0	0
1/23/2024 19:15	60803 BUCK_T1	0	0	0	0	0	0	-1.17	-1.17	1	1	0	600	600	0
1/23/2024 19:15	66503 SMAN_T2	175	204	29	0.28	0.38	0.1	0	0	0	0	0	0	0	0
1/23/2024 19:15	53903 HALI_T2	2	2	0	1.8	1.5	-0.3	0	0	0	0	0	0	0	0
1/23/2024 19:15	16302 ALPA_T2	1	0	-1	0.2	0	-0.2	-0.65	-0.63	0	0	0	0	0	0
1/23/2024 19:15	44301 BEAV_T2	1	0	-1	0.7	0	-0.7	-0.29	-0.29	2	2	0	1200	1200	0
1/23/2024 19:16	65902 SAKR_T2	0	0	0	0	0	0	-0.45	-0.44	1	1	0	300	300	0
1/23/2024 19:16	53901 HALI_T2	81	118	37	0.37	0.43	0.06	-4.48	-4.51	0	0	0	0	0	0
1/23/2024 19:16	54206 PENN_T2	2	0	-2	0.1	0	-0.1	-0.17	-0.06	0	0	0	0	0	0
1/23/2024 19:16	43101 SMIL_T2	1	1	0	2.3	0	-2.3	0	0	0	0	0	0	0	0
1/23/2024 19:16	60701 BREC_T1	0	0	0	0	0	0	-0.86	-0.9	2	2	0	1200	1200	0
1/23/2024 19:16	57304 MOAL_T2	0	0	0	0	0	0	-0.15	-0.21	0	0	0	0	0	0
1/23/2024 19:16	54505 ENOL_T2	1	1	0	0.5	0.5	0	0	0	0	0	0	0	0	0
1/23/2024 19:16	54504 ENOL_T2	0	0	0	0	0	0	-0.96	-1.01	1	1	0	600	600	0
1/23/2024 19:16	64101 REFR_T1	0	0	0	0	0	0	0.01	-0.01	0	0	0	0	0	0
1/23/2024 19:16	65902 SAKR_T2	0	0	0	0	0	0	-0.45	-0.44	1	1	0	300	300	0
1/23/2024 19:16	61306 EARL_T1	4	6	2	0.15	0.18	0.03	0	0	0	0	0	0	0	0
1/23/2024 19:16	56501 ROCK_T2	9	5	-4	0.28	0.2	-0.08	-1.31	-1.3	0	0	0	0	0	0
1/23/2024 19:16	65701 RVIL_T1	0	0	0	0	0	0	-0.72	-0.71	0	0	0	0	0	0
1/23/2024 19:16	52101 MEIS_T1	1	1	0	0.8	0.5	-0.3	0	0	0	0	0	0	0	0
1/23/2024 19:16	46203 DANV_T2	5	8	3	0.24	0.29	0.05	-1.12	-1.1	0	0	0	0	0	0
1/23/2024 19:16	57403 SPAN_T1	0	0	0	0	0	0	0.16	0.18	0	0	0	0	0	0
1/23/2024 19:16	67401 WAKE_T2	0	0	0	0	0	0	-1.11	-1.11	0	0	0	0	0	0
1/23/2024 19:17	52101 MEIS_T1	1	1	0	0.8	0.5	-0.3	0	0	0	0	0	0	0	0
1/23/2024 19:17	66901 SHIL_T2	103	92	-11	0.17	0.17	0	-1.64	-1.64	1	1	0	1200	1200	0
1/23/2024 19:17	61101 BERK_T5	0	0	0	0	0	0	-1.05	-1.07	0	0	0	0	0	0
1/23/2024 19:17	43202 MVIL_T2	0	0	0	0	0	0	-0.69	-0.67	0	0	0	0	0	0
1/23/2024 19:17	62604 ENGL_T1	1	1	0	0.3	0.3	0	-0.38	-0.43	1	1	0	600	600	0
1/23/2024 19:17	54601 SUMM_T2	2	2	0	0.2	0.2	0	-1.84	-1.9	2	2	0	2100	2100	0
1/23/2024 19:17	66505 SMAN_T2	3	3	0	0.8	1.27	0.47	0	0	0	0	0	0	0	0
1/23/2024 19:17	64802 MONE_T2	0	1	1	0	0	0	-0.03	-0.02	0	0	0	0	0	0
1/23/2024 19:17	60101 COCA_T1	0	0	0	0	0	0	0.4	0.36	0	0	0	0	0	0
1/23/2024 19:17	44301 BEAV_T2	1	0	-1	0.7	0	-0.7	-0.15	-0.15	1	1	0	600	600	0
1/23/2024 19:17	64101 REFR_T1	0	0	0	0	0	0	0.01	-0.01	0	0	0	0	0	0
1/23/2024 19:18	67503 WEWI_T2	0	0	0	0	0	0	0.09	0.08	0	0	0	0	0	0
1/23/2024 19:18	56501 ROCK_T2	9	5	-4	0.28	0.2	-0.08	-1.31	-1.3	0	0	0	0	0	0
1/23/2024 19:18	65701 RVIL_T1	0	0	0	0	0	0	-0.72	-0.71	0	0	0	0	0	0
1/23/2024 19:18	67901 WNHO_T2	152	168	16	0.38	0.48	0.1	-0.4	-0.43	0	0	0	0	0	0
1/23/2024 19:19	14401 SSLA_T1	0	1	1	0	0	0	0	0	0	0	0	0	0	0
1/23/2024 19:19	60701 BREC_T1	0	0	0	0	0	0	-0.43	-0.45	1	1	0	600	600	0
1/23/2024 19:19	57403 SPAN_T1	0	0	0	0	0	0	0.16	0.18	0	0	0	0	0	0
1/23/2024 19:19	49804 UNIV_T1	0	2	2	0	0.25	0.25	0	0	0	0	0	0	0	0
1/23/2024 19:19	59102 WALK_T2	0	0	0	0	0	0	0.29	0.29	0	0	0	0	0	0
1/23/2024 19:20	67203 TEHI_T1	1	0	-1	0.8	0	-0.8	0	0	0	0	0	0	0	0
1/23/2024 19:20	64801 MONE_T2	0	0	0	0	0	0	-0.22	-0.25	0	0	0	0	0	0
1/23/2024 19:20	58402 MORO_T1	0	0	0	0	0	0	-0.78	-0.84	3	3	0	2400	2400	0
1/23/2024 19:20	44301 BEAV_T2	1	0	-1	0.7	0	-0.7	-0.15	-0.15	1	1	0	600	600	0
1/23/2024 19:20	54505 ENOL_T2	1	1	0	0.5	0.5	0	-1.19	-1.17	1	1	0	600	600	0
1/23/2024 19:21	66302 MCGO_T2	0	0	0	0	0	0	-1.53	-1.38	1	1	0	600	600	0
1/23/2024 19:21	52101 MEIS_T1	1	1	0	0.8	0.5	-0.3	0	0	0	0	0	0	0	0
1/23/2024 19:21	66703 STRA_T1	1	1	0	0.6	0	-0.6	-0.23	-0.23	0	0	0	0	0	0
1/23/2024 19:22	61801 EEU_T2	1	1	0	0.2	0.3	0.1	-0.31	-0.31	0	0	0	0	0	0
1/23/2024 19:22	56802 BENV_T2	2	2	0	0.35	0.35	0	-1.27	-1.26	0	0	0	0	0	0
1/23/2024 19:22	14401 SSLA_T1	0	1	1	0	0	0	0	0	0	0	0	0	0	0
1/23/2024 19:23	65502 MOJO_T2	0	0	0	0	0	0	-1.81	-0.84	0	0	0	0	0	0
1/23/2024 19:23	67605 WARW_T1	0	0	0	0	0	0	-0.98	-0.99	0	0	0	0	0	0
1/23/2024 19:26	64702 LITI_T2	0	0	0	0	0	0	-0.75	-0.79	0	0	0	0	0	0
1/23/2024 19:43	65001 NEFF_T2	0	0	0	0	0	0	-0.88	-0.87	1	1	0	1200	1200	0
1/23/2024 20:04	65003 NEFF_T2	0	4	4	0	0.2	0.2	0	0	0	0	0	0	0	0
1/23/2024 20:40	65001 NEFF_T2	0	4	4	0	0.1	0.1	-0.81	-0.74	1	1	0	1200	1200	0
1/23/2024 20:51	56801 BENV_T1	16	21	5	0.78	1.03	0.25	-0.63	-0.63	1	1	0	600	600	0
1/23/2024 20:52	56501 ROCK_T2	16	86	70	0.2	0.18	-0.02	-1.39	-1.37	0	0	0	0	0	0
1/23/2024 20:55	57401 SPAN_T1	1	1	0	0.2	0.1	-0.1	-1.36	-1.37	1	1	0	600	600	0
1/23/2024 21:12	65001 NEFF_T2	4	108	104	0.1	0.14	0.04	-0.82	-0.88	1	1	0	1200	1200	0
1/23/2024 21:38	65003 NEFF_T2	37	11	-26	0.16	0.14	-0.02	0	0	0	0	0	0	0	0
1/23/2024 21:43	65001 NEFF_T2	108	20	-88	0.14	0.14	0	-0.88	-0.94	1	1	0	1200	1200	0
1/23/2024 21:59	65003 NEFF_T2	11	0	-11	0.14	0	-0.14	0	0	0	0	0	0	0	0
1/23/2024 22:51	65001 NEFF_T2	0	0	0	0	0	0	-0.96	-0.94	1	1	0	1200	1200	0
1/23/2024 23:45	54505 ENOL_T2	1	1	0	0.2	0.3	0.1	-1.23	-1.23	1	1	0	600	600	0
1/24/2024 0:00	41801 GOCI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1/24/2024 0:00	29401 BELT_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1/24/2024 0:00	48901 FOSP_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1/24/2024 0:00	24901 WHHA_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1/24/2024 0:00	41601 CLEV_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1/24/2024 0:00	47802 MOCA_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1/24/2024 0:00	45901 AUBU_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1/24/2024 0:00	29401 BELT_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1/24/2024 0:00	20403 ASHE_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1/24/2024 0:00	45901 AUBU_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1/24/2024 0:00	40603 PIGR_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1/24/2024 0:00	40502 CRES_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1/24/2024 0:00	39601 LNFO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1/24/2024 0:00	40602 PIGR_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1/24/2024 0:00	24901 WHHA_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1/24/2024 0:00	40505 CRES_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1/24/2024 0:00	42201 SHEN_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1/24/2024 0:00	45802 HEGI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1/24/2024 0:00	25603 ARRO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1/24/2024 0:00	41902 REED_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1/24/2024 0:00	40101 HUNT_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1/24/2024 0:00	28604 BLYT_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1/24/2024 0:00	27502 WEIS_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1/24/2024 0:21	65001 NEFF_T2	0	1	1	0	0.1	0.1	-1.24	-1.22	1	1	0	1200	1200	0
1/24/2024 1:45	65001 NEFF_T2	0	0	0	0	0	0	-1.2	-1.25	1	1	0	1200	1200	0
1/24/2024 2:27	65001 NEFF_T2	0	0	0	0	0	0	-1.23	-1.2	1	1	0	1200	1200	0
1/24/2024 2:58	65001 NEFF_T2	0	0	0	0	0	0	-1.18	-1.23	1	1	0	1200	1200	0
1/24/2024 3:40	65001 NEFF_T2	0	0	0	0	0	0	-1.24	-1.19	1	1	0	1200	1200	0
1/24/2024 3:46	65001 NEFF_T2	0	0	0	0	0	0	-1.24	-1.19	1	1	0	1200	1200	0
1/24/2024 4:01	65001 NEFF_T2	0	0	0	0	0	0	-1.19	-1.23	1	1	0	1200	1200	0
1/24/2024 5:46	65001 NEFF_T2	0	0	0	0	0	0	-1.02	-0.94	1	1	0	1200	1200	0
1/24/2024 6:13	65001 NEFF_T2	0	0	0	0	0	0	-0.9	-0.71	1

1/24/2024 9:00	23401 HONE_T2	0	0	0	0	0	0	-0.28	-0.26	0	0	0	0	0	0
1/24/2024 9:00	42001 MNVL_T2	0	0	0	0	0	0	0.1	0.11	0	0	0	0	0	0
1/24/2024 9:00	65001 NEFF_T2	0	0	0	0	0	0	-0.48	-0.44	1	1	0	1200	1200	0
1/24/2024 9:00	47101 MARL_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1/24/2024 9:00	60701 BREC_T1	0	0	0	0	0	0	-0.31	-0.29	2	2	0	1200	1200	0
1/24/2024 9:00	43001 ALWD_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1/24/2024 9:00	46004 BERW_T2	0	0	0	0	0	0	-0.48	-0.46	0	0	0	0	0	0
1/24/2024 9:01	67001 STHI_T2	7	280	273	0.16	0.15	-0.01	0.12	0.14	0	0	0	0	0	0
1/24/2024 9:06	60801 BUCK_T1	0	0	0	0	0	0	-0.48	-0.64	1	1	0	600	600	0
1/24/2024 9:06	45502 DERR_T2	1	0	-1	0.1	0	-0.1	0	0	0	0	0	0	0	0
1/24/2024 9:07	67002 STHI_T2	9	86	77	0.11	0.15	0.04	0.63	0.64	0	0	0	0	0	0
1/24/2024 9:07	45502 DERR_T2	1	0	-1	0.1	0	-0.1	0	0	0	0	0	0	0	0
1/24/2024 9:07	42903 MIDD_T2	0	0	0	0	0	0	0.66	0.76	1	1	0	1200	1200	0
1/24/2024 9:07	67503 WEWI_T2	0	0	0	0	0	0	0.05	0.06	0	0	0	0	0	0
1/24/2024 9:07	65207 PRIN_T4	0	0	0	0	0	0	0	0	2	2	0	1800	1800	0
1/24/2024 9:07	60101 COCA_T1	0	0	0	0	0	0	0.41	0.46	0	0	0	0	0	0
1/24/2024 9:08	56802 BENV_T2	2	3	1	0.45	0.5	0.05	-1.33	-1.28	0	0	0	0	0	0
1/24/2024 9:08	56501 ROCK_T2	4	22	18	0.58	0.23	-0.35	-1.41	-1.45	0	0	0	0	0	0
1/24/2024 9:08	67503 WEWI_T2	0	0	0	0	0	0	0.05	0.06	0	0	0	0	0	0
1/24/2024 9:08	67002 STHI_T2	9	86	77	0.11	0.15	0.04	0.63	0.64	0	0	0	0	0	0
1/24/2024 9:08	45902 AUBU_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1/24/2024 9:08	25603 ARRO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1/24/2024 9:09	67001 STHI_T2	7	280	273	0.16	0.15	-0.01	0	0	0	0	0	0	0	0
1/24/2024 9:09	59102 WALK_T2	0	0	0	0	0	0	-0.24	-0.27	1	1	0	600	600	0
1/24/2024 9:09	53903 HALI_T2	2	2	0	1	1.4	0.4	0	0	0	0	0	0	0	0
1/24/2024 9:09	25603 ARRO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1/24/2024 9:10	45902 AUBU_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1/24/2024 9:10	56802 BENV_T2	2	3	1	0.45	0.5	0.05	-1.28	-1.33	0	0	0	0	0	0
1/24/2024 9:10	40502 CRES_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1/24/2024 9:11	56803 BENV_T1	0	1	1	0	0	0	0	0	0	0	0	0	0	0
1/24/2024 9:12	56801 BENV_T1	20	26	6	1.05	0.9	-0.15	-0.65	-0.65	1	1	0	600	600	0
1/24/2024 9:12	40502 CRES_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1/24/2024 9:13	53901 HALI_T2	99	124	25	0.31	0.48	0.17	-1.48	-1.46	0	0	0	0	0	0
1/24/2024 9:14	53903 HALI_T2	2	2	0	1	1.4	0.4	0	0	0	0	0	0	0	0
1/24/2024 9:16	52102 MEIS_T1	0	0	0	0	0	0	0	0	1	1	0	450	450	0
1/24/2024 9:19	54205 PENN_T1	76	105	29	0.25	0.29	0.04	0	0	0	0	0	0	0	0
1/24/2024 9:19	55002 NEWP_T1	5	6	1	0.72	0.78	0.06	-0.19	-0.18	0	0	0	0	0	0
1/24/2024 9:20	58402 MORO_T1	0	0	0	0	0	0	-0.84	-0.86	3	3	0	2400	2400	0
1/24/2024 9:22	49803 UNIV_T1	0	0	0	0	0	0	-0.92	-0.93	0	0	0	0	0	0
1/24/2024 9:24	56802 BENV_T2	3	10	7	0.43	0.26	-0.17	-1.33	-1.36	0	0	0	0	0	0
1/24/2024 9:24	29402 BELT_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1/24/2024 9:25	40502 CRES_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1/24/2024 9:26	40502 CRES_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1/24/2024 9:27	40502 CRES_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1/24/2024 9:27	28604 BLYT_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1/24/2024 9:28	40502 CRES_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1/24/2024 9:30	52102 MEIS_T1	0	0	0	0	0	0	0	0	1	1	0	450	450	0
1/24/2024 9:30	41801 GOCI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1/24/2024 9:31	41801 GOCI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1/24/2024 9:33	46901 MNTG_T2	0	0	0	0	0	0	2.05	1.73	0	0	0	0	0	0
1/24/2024 9:33	52101 MEIS_T1	1	1	0	0.5	0.7	0.2	0	0	0	0	0	0	0	0
1/24/2024 9:36	54205 PENN_T1	105	79	-26	0.26	0.39	0.13	0	0	0	0	0	0	0	0
1/24/2024 9:38	46206 DANV_T2	0	0	0	0	0	0	2.66	2.68	1	1	0	1200	1200	0
1/24/2024 9:39	26401 INOR_T1	0	0	0	0	0	0	0.73	0.89	0	0	0	0	0	0
1/24/2024 9:39	56802 BENV_T2	3	26	23	0.47	0.2	-0.27	-1.36	-1.33	0	0	0	0	0	0
1/24/2024 9:39	46206 DANV_T2	0	0	0	0	0	0	2.66	2.68	1	1	0	1200	1200	0
1/24/2024 9:40	56802 BENV_T2	3	26	23	0.47	0.2	-0.27	-2.72	-2.65	0	0	0	0	0	0
1/24/2024 9:40	46203 DANV_T2	0	0	0	0	0	0	-0.84	0.05	0	0	0	0	0	0
1/24/2024 9:41	46203 DANV_T2	0	0	0	0	0	0	-1.68	0.1	0	0	0	0	0	0
1/24/2024 9:41	56802 BENV_T2	3	26	23	0.47	0.2	-0.27	-5.44	-5.31	0	0	0	0	0	0
1/24/2024 9:41	46203 DANV_T2	0	0	0	0	0	0	-1.68	0.1	0	0	0	0	0	0
1/24/2024 9:42	56802 BENV_T2	3	26	23	0.47	0.2	-0.27	-1.36	-1.33	0	0	0	0	0	0
1/24/2024 9:42	45802 HEGI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1/24/2024 9:43	56802 BENV_T2	3	26	23	0.47	0.2	-0.27	-2.72	-2.65	0	0	0	0	0	0
1/24/2024 9:43	45802 HEGI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1/24/2024 9:45	46903 MNTG_T2	0	0	0	0	0	0	0.78	0.7	3	3	0	1800	1800	0
1/24/2024 9:46	55002 NEWP_T1	6	6	0	0.75	1.05	0.3	-0.19	-0.18	0	0	0	0	0	0
1/24/2024 9:46	46903 MNTG_T2	0	0	0	0	0	0	0.26	0.23	1	1	0	600	600	0
1/24/2024 9:47	52102 MEIS_T1	0	0	0	0	0	0	0	0	1	1	0	450	450	0
1/24/2024 9:47	41201 MVIL_T2	0	0	0	0	0	0	-0.26	-0.21	0	0	0	0	0	0
1/24/2024 9:48	55002 NEWP_T1	6	6	0	0.75	1.05	0.3	-0.19	-0.18	0	0	0	0	0	0
1/24/2024 9:48	46903 MNTG_T2	0	0	0	0	0	0	0.26	0.23	1	1	0	600	600	0
1/24/2024 9:48	64101 REFR_T1	0	0	0	0	0	0	-0.03	-0.03	0	0	0	0	0	0
1/24/2024 9:49	66503 SMAN_T2	0	6	6	0	0.12	0.12	0	0	0	0	0	0	0	0
1/24/2024 9:49	55002 NEWP_T1	6	6	0	0.75	1.05	0.3	-0.19	-0.18	0	0	0	0	0	0
1/24/2024 9:49	64101 REFR_T1	0	0	0	0	0	0	-0.03	-0.03	0	0	0	0	0	0
1/24/2024 9:50	41902 REED_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1/24/2024 9:50	67001 STHI_T2	147	172	25	0.11	0.12	0.01	0	0	0	0	0	0	0	0
1/24/2024 9:50	64101 REFR_T1	0	0	0	0	0	0	-0.03	-0.03	0	0	0	0	0	0
1/24/2024 9:51	59101 WALK_T2	0	0	0	0	0	0	1.92	2.36	0	1	1	0	450	450
1/24/2024 9:51	64101 REFR_T1	0	0	0	0	0	0	-0.03	-0.03	0	0	0	0	0	0
1/24/2024 9:52	59101 WALK_T2	0	0	0	0	0	0	1.92	2.36	0	1	1	0	450	450
1/24/2024 9:52	64101 REFR_T1	0	0	0	0	0	0	-0.03	-0.03	0	0	0	0	0	0
1/24/2024 9:52	67001 STHI_T2	147	172	25	0.11	0.12	0.01	0	0	0	0	0	0	0	0
1/24/2024 9:53	64101 REFR_T1	0	0	0	0	0	0	-0.03	-0.03	0	0	0	0	0	0
1/24/2024 9:53	66505 SMAN_T2	0	1	1	0	0.1	0.1	0	0	0	0	0	0	0	0
1/24/2024 9:53	55002 NEWP_T1	6	6	0	0.75	1.05	0.3	-0.19	-0.18	0	0	0	0	0	0
1/24/2024 9:54	59101 WALK_T2	0	0	0	0	0	0	2.36	2.26	0	1	1	0	450	450
1/24/2024 9:54	64101 REFR_T1	0	0	0	0	0	0	-0.03	-0.06	0	0	0	0	0	0
1/24/2024 9:54	29402 BELT_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1/24/2024 9:54	67502 WEWI_T2	0	0	0	0	0	0	-1.04	-1.03	1	1	0	900	900	0
1/24/2024 9:56	54505 ENOL_T2	1	1	0	0.6	0.7	0.1	0	0	0	0	0	0	0	0
1/24/2024 9:56	40502 CRES_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1/24/2024 9:57	40502 CRES_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1/24/2024 9:57	54502 ENOL_T2	1	1	0	0.3	0.2	-0.1	-1.15	-1.17	1	1	0	600	600	0
1/24/2024 9:57	41902 REED_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1/24/2024 10:01	46903 MNTG_T2	0	0	0	0	0	0	0.7	0.56	3	3	0	1800	1800	0
1/24/2024 10:01	55002 NEWP_T1	6	6	0	0.65	1.15	0.5	-0.18	-0.21	0	0	0	0	0	0
1/24/2024 10:02	55002 NEWP_T1	6	6	0	0.65	1.15	0.5	-0.18	-0.21	0	0	0	0	0	0
1/24/2024 10:02	57303 MOAL_T2	1	1	0	7	7.1	0.1	0	0	0	0	0	0	0	0
1/24/2024 10:02	64702 LITI_T2	0	0	0	0	0	0	-0.73	-0.73	0	0	0	0	0	0
1/24/2024 10:03	57304 MOAL_T2	0	0	0	0	0	0	-0.38	-0.37	0	0	0	0	0	0
1/24/2024 10:03	64702 LITI_T2	0	0	0	0	0	0	-1.47	-1.47	0	0	0	0	0	0
1/24/2024 10:03	46903 MNTG_T2	0	0	0	0	0	0	0.23	0.19	1	1	0	600	600	0
1/24/2024 10:03	41201 MVIL_T2	0	0	0	0	0	0	-0.21	-0.13	0	0	0	0	0	0
1/24/2024 10:04	57401 SPAN_T1	0	0	0	0	0	0	-1.06	-1.04	1	1	0	600	600	0
1/24/2024 10:04	40603 PIGR_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1/24/2024 10:04	55002 NEWP_T1	6	6	0	0.65	1.15	0.5	-0.36	-0.42	0	0	0	0	0	0
1/24/2024 10:05	55002 NEWP_T1	6	6	0	0.65	1.15	0.5	-0.18	-0.21	0	0	0	0	0	0
1/24/2024 10:05	67002 STHI_T2	48	29	-19	0.15	0.12	-0.03	0.65	0.64	0	0	0	0	0	0
1/24/2024 10:05	67002 STHI_T2	48	29	-19	0.15	0.12	-0.03	0.65	0.64	0	0	0	0	0	0
1/24/2024 10:06	67001 STHI_T2	170	155	-15	0.12	0.12	0	0	0	0	0	0	0	0	0
1/24/2024 10:06	57401 SPAN_T1	0	0	0	0	0	0	-3.19	-3.11	3	3	0	1800	1800	0
1/24/2024 10:07	65901 SAKR_T2	1	1	0	8.4	8.6	0.2	-1.16	-1.18	1	1	0	900	900	0
1/24/2024 10:08	16302 ALPA_T2	0	0	0	0	0	0	-0.6	-0.65	0	0	0	0	0	0
1/24/2024 10:08	45902 AUBU_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1/24/2024 10:08	67002 STHI_T2	48	29	-19	0.15	0.12	-0.03	1.3	1.28	0	0	0	0	0	0
1/24/2024 10:08	57401 SPAN_T1	0	0	0	0	0	0	-1.06	-1.04	1	1	0	600	600	0
1/24/2024 10:08	65901 SAKR_T2	1	1	0	8.4	8.6	0.2	-1.16	-1.18	1	1	0	900	900	0
1/24/2024 10:09	61101 BERK_T5	0	0	0	0	0	0	-0.79	-0.77	0	0	0	0	0	0
1/24/2024 10:09	56802 BENV_T2	25	8	-17	0.2	0.3	0.1	-1.38	-1.3	0	0	0	0	0	0
1/24/2024 10:09	64101 REFR_T1	0	0	0	0	0	0	-0.06	-0.03	0	0	0	0	0	0
1/24/2024 10:09	20403 ASHF_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1/24/2024 10:09	43001 ALWD_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1/24/2024 10:10	67002 STHI_T2	48	29	-19	0.15	0.12	-0.03	0.64	0.63	0	0	0	0	0	0
1/24/2024 10:10	61101 BERK_T5	0	0	0	0	0	0	-0.79	-0.77	0	0	0	0	0	0
1/24/2024 10:10	16302 ALPA_T2	0	0	0	0	0	0	-0.65	-0.42	0	0	0	0	0	0
1/24/2024 10:10	26401 INOR_T1	0	0	0	0	0	0	0.96	1	0	0	0	0	0	0
1/24/2024 10:11	45902 AUBU_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1/24/2024 10:11	56802 BENV_T2	25	8	-17	0.2	0.3	0.1	-1.38	-1.3	0	0	0	0	0	0
1/24/2024 10:11	53502 EVIL_T2	2	1	-1	0.65	0.1	-0.55	0	0	0	0	0	0	0	0
1/24/2024 10:11	16302 ALPA_T2	0	0	0	0	0	0	-1.3	-0.85	0	0	0	0	0	0
1/24/2024 10:11	20403 ASHF_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1/24/2024 10:12	56802 BENV_T2	25	8	-17	0.2	0.3	0.1	-1.38	-1.3	0	0	0	0	0	0
1/24/2024 10:12	20403 ASHF_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1/24/2024 10:12	53502 EVIL_T2	2	1	-1	0.65	0.1	-0.55	0	0	0	0	0	0	0	0
1/24/2024 10:12	16302 ALPA_T2	0	0	0	0	0	0	-0.65	-0.42	0	0	0	0	0	0
1/24/2024 10:12	63401 HONY_T1	0	0	0	0	0	0	0.3	0.25	1	1	0	600	600	0
1/24/2024 10:14	53502 EVIL_T2	2	1	-1	0.65	0.1	-0.55	0	0	0	0	0	0	0	0
1/24/2024 10:14	27101 GFLD_T2	0	0	0	0	0	0	0.26	0.29	0	0	0	0	0	0
1/24/2024 10:14	40101 HUNT_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1/24/2024 10:17	55002 NEWP_T1	6	6	0	1.05	1.08	0.03	-0.21	-0.2	0	0	0	0	0	0
1/24/2024 10:18	64101 REFR_T1	0	0	0	0	0	0	-0.11	-0.05	0	0	0	0	0	0
1/24/2024 10:19	65901 SAKR_T2	1	1	0	8.6	8.5	-0.1	0	0	0	0	0	0	0	0
1/24/2024 10:19	45902 AUBU_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1/24/2024 10:20	64802 MONE_T2	0	1	1	0	0	0	0.18	0.15	0	0	0	0	0	0
1/24/2024 10:20	57401 SPAN_T1	0	0	0	0	0	0	-1.04	-0.97	1	1	0	600	600	0
1/24/2024 10:20	56501 ROCK_T2	0	1	1	0	0	0	-2.88	-2.9	0	0	0	0	0	0
1/24/2024 10:20	64101 REFR_T1	0	0	0	0	0	0	-0.17	-0.08	0	0	0	0	0	0
1/24/2024 10:21	64101 REFR_T1	0	0	0	0	0	0	-0.06	-0.03	0	0	0	0	0	0
1/24/2024 10:21	56501 ROCK_T2	0	1	1	0	0	0	-1.44	-1.45	0	0	0	0	0	0
1/24/2024 10:21	44301 BEAV_T2	1	2	1	1.4	0	-1.4	0.55	0.45	2	2	0	1500	1500	0
1/24/2024 10:22	64101 REFR_T1	0	0	0	0	0	0	-0.06	-0.03	0	0	0	0	0	0
1/24/2024 10:22	56501 ROCK_T2	0	1	1	0	0	0	-1.44	-1.45	0	0	0	0	0	0
1/24/2024 10:23	67503 WEWI_T2	0	0	0	0	0	0	-0.02	-0.05	0	0	0	0	0	0
1/24/2024 10:23	44301 BEAV_T2	1	2	1	1.4	0	-1.4	0.9	0.93	4	4	0	3000	3000	0
1/24/2024 10:24	10805 CHHI_T2	11	7	-4	2.57	1.86	-0.71	-0.42	-0.38	0	0	0	0	0	0
1/24/2024 10:24	11104 EGYP_T1	0	0	0	0	0	0	0.33	0.2	0	0	0	0	0	0
1/24/2024 10:24	44301 BEAV_T2	1	2	1	1.4	0	-1.4	0.45	0.46	2	2	0	1500	1500	0
1/24/2024 10:24	67502 WEWI_T2	0	0	0	0	0	0	-1.05	-1.03	1	1	0	900	900	0
1/24/2024 10:25	67503 WEWI_T2	0	0	0	0	0	0	-0.05	-0.08	0	0	0	0	0	0
1/24/2024 10:25	10805 CHHI_T2	11	7	-4	2.57	1.86	-0.71	-0.42	-0.38	0	0	0	0	0	0
1/24/2024 10:25	67503 WEWI_T2	0	0	0	0	0	0	-0.05	-0.08	0	0	0	0	0	0
1/24/2024 10:25	11104 EGYP_T1	0	0	0	0	0	0	0.33	0.2	0	0	0	0	0	0
1/24/2024 10:27	67503 WEWI_T2	0	0	0	0	0	0	-0.05	-0.08	0	0	0	0	0	0
1/24/2024 10:28	11104 EGYP_T1	0	0	0	0	0	0	0.33	0.2	0	0	0	0	0	0
1/24/2024 10:28	17805 GILB_T2	1	0	-1	0.4	0	-0.4	0.18	0.21	0	0	0	0	0	0
1/24/2024 10:28	17802 GILB_T1	0	0	0	0	0	0	0.31	0.31	0	0	0	0	0	0
1/24/2024 10:29	54505 ENOL_T2	1	1	0	0.7	0.7	0	0	0	0	0	0	0	0	0
1/24/2024 10:30	17805 GILB_T2	0	1	1	0	0	0	0.18	0.21	0	0	0	0	0	0
1/24/2024 10:32	46302 ROHR_T1	4	4	0	0.8	1.38	0.58	0.21	0.2	0	0	0	0	0	0
1/24/2024 10:32	16402 MOPO_T1	6	4	-2	0.83	1.75	0.92	0.09	0.27	0	0	0	0	0	0
1/24/2024 10:33	40602 PIGR_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1/24/2024 10:33	55001 NEWP_T1	0	1	1	0	0.2	0.2	0	0	0	0	0	0	0	0
1/24/2024 10:33	58302 NOTT_T1	0	0	0	0	0	0	-0.67	-0.48	1	1	0	1200	1200	0
1/24/2024 10:33	52101 MEIS_T1	1	1	0	0.3	0.8	0.5	0	0	0	0	0	0	0	0
1/24/2024 10:34	64101 REFR_T1	0	0	0	0	0	0	-0.03	-0.02	0	0	0	0	0	0
1/24/2024 10:34	46302 ROHR_T1	4	4	0	0.8	1.38	0.58	0.21	0.2	0	0	0	0	0	0
1/24/2024 10:35	16402 MOPO_T1	6	4	-2	0.83	1.75	0.92	0.09	0.27	0	0	0	0	0	0
1/24/2024 10:35	64101 REFR_T1	0	0	0	0	0	0	-0.08	-0.05	0

1/24/2024 10:54	67402 WAKE_T2	0	0	0	0	0	0	-0.36	-0.38	1	0	-1	600	0	-600
1/24/2024 10:54	67605 WARW_T1	0	0	0	0	0	0	-1.1	-1.13	0	0	0	0	0	0
1/24/2024 10:55	45902 AUBU_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1/24/2024 10:55	46004 BERW_T2	0	0	0	0	0	0	-1.13	-1.05	0	0	0	0	0	0
1/24/2024 10:55	10801 CHNI_T1	0	0	0	0	0	0	-0.73	-0.69	1	0	-1	900	0	-900
1/24/2024 10:56	54502 ENOL_T2	1	1	0	0.2	0.5	0.3	-1.17	-1.17	1	1	0	600	600	0
1/24/2024 10:57	53901 HAU_T2	77	51	-26	0.33	0.26	-0.07	0	0	0	0	0	0	0	0
1/24/2024 10:57	67402 WAKE_T2	0	0	0	0	0	0	-0.36	-0.38	1	0	-1	600	0	-600
1/24/2024 10:58	50105 HARR_T3	7	7	0	5.7	5.5	-0.2	0	0	0	0	0	0	0	0
1/24/2024 10:59	43001 ALWD_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1/24/2024 10:59	54505 ENOL_T2	1	1	0	0.7	1	0.3	0	0	0	0	0	0	0	0
1/24/2024 11:00	64702 LITI_T2	0	0	0	0	0	0	-0.74	-0.79	0	0	0	0	0	0
1/24/2024 11:00	53901 HAU_T2	50	55	5	0.26	0.25	-0.01	0	0	0	0	0	0	0	0
1/24/2024 11:00	52101 MEIS_T1	1	1	0	0.8	0.4	-0.4	0	0	0	0	0	0	0	0
1/24/2024 11:00	54505 ENOL_T2	1	1	0	0.8	1	0.2	0	0	0	0	0	0	0	0
1/24/2024 11:01	50102 HARR_T3	1	1	0	0.1	0.1	0	0	0	0	0	0	0	0	0
1/24/2024 11:01	64702 LITI_T2	0	0	0	0	0	0	-1.48	-1.58	0	0	0	0	0	0
1/24/2024 11:02	52102 MEIS_T1	0	9	9	0	0.16	0.16	0	0	1	0	-1	450	0	-450
1/24/2024 11:02	40101 HUNT_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1/24/2024 11:03	53801 MBRG_T2	0	4	4	0	0.1	0.1	0	0	0	0	0	0	0	0
1/24/2024 11:03	45902 AUBU_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1/24/2024 11:04	47802 MOCA_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1/24/2024 11:04	64801 MONE_T2	1	1	0	0.1	0.5	0.4	-0.23	-0.23	0	0	0	0	0	0
1/24/2024 11:04	64101 REFR_T1	0	0	0	0	0	0	-0.05	-0.05	0	0	0	0	0	0
1/24/2024 11:05	55002 NEWP_T1	6	6	0	1.05	1.25	0.2	-0.21	-0.2	0	0	0	0	0	0
1/24/2024 11:05	52501 PROG_T1	0	0	0	0	0	0	0.18	0.16	1	1	0	300	300	0
1/24/2024 11:05	64101 REFR_T1	0	0	0	0	0	0	-0.1	-0.09	0	0	0	0	0	0
1/24/2024 11:05	67201 TEHI_T1	0	2	2	0	0.5	0.5	0.02	0.02	0	0	0	0	0	0
1/24/2024 11:06	45402 WILO_T2	29	22	-7	0.17	0.13	-0.04	-0.65	-0.61	0	0	0	0	0	0
1/24/2024 11:06	67002 STHI_T2	57	145	88	0.15	0.16	0.01	0.67	0.89	0	0	0	0	0	0
1/24/2024 11:06	64101 REFR_T1	0	0	0	0	0	0	-0.05	-0.05	0	0	0	0	0	0
1/24/2024 11:07	67201 TEHI_T1	0	2	2	0	0.5	0.5	0	0	0	0	0	0	0	0
1/24/2024 11:07	64101 REFR_T1	0	0	0	0	0	0	-0.05	-0.05	0	0	0	0	0	0
1/24/2024 11:07	66703 STRA_T1	0	0	0	0	0	0	-0.04	-0.1	0	0	0	0	0	0
1/24/2024 11:08	53901 HAU_T2	50	55	5	0.26	0.25	-0.01	0	0	0	0	0	0	0	0
1/24/2024 11:08	66902 SHIL_T2	0	16	16	0	0.11	0.11	0	0	0	0	0	0	0	0
1/24/2024 11:08	67402 WAKE_T2	0	0	0	0	0	0	-0.36	-0.38	0	0	0	0	0	0
1/24/2024 11:08	67503 WEWI_T2	0	0	0	0	0	0	-0.06	-0.07	0	0	0	0	0	0
1/24/2024 11:08	67204 TEHI_T2	0	0	0	0	0	0	-0.01	-0.01	0	0	0	0	0	0
1/24/2024 11:08	64101 REFR_T1	0	0	0	0	0	0	-0.1	-0.09	0	0	0	0	0	0
1/24/2024 11:09	67002 STHI_T2	57	145	88	0.15	0.16	0.01	0.89	0.7	0	0	0	0	0	0
1/24/2024 11:09	56802 BENV_T2	1	1	0	4.9	0.8	-4.1	-0.64	-0.64	0	0	0	0	0	0
1/24/2024 11:09	51108 CARL_T1	1	1	0	0.1	0.3	0.2	0	0	0	0	0	0	0	0
1/24/2024 11:09	67502 WEWI_T2	0	0	0	0	0	0	-1.05	-1.03	1	1	0	900	900	0
1/24/2024 11:10	56801 BENV_T1	20	21	1	0.48	0.89	0.41	-0.68	-0.71	1	1	0	600	600	0
1/24/2024 11:10	59102 WALK_T2	0	0	0	0	0	0	-0.28	0.32	1	1	0	600	600	0
1/24/2024 11:10	67502 WEWI_T2	0	0	0	0	0	0	-1.05	-1.03	1	1	0	900	900	0
1/24/2024 11:10	43001 ALWD_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1/24/2024 11:10	54502 ENOL_T2	1	1	0	0.2	0.5	0.3	-1.17	-1.16	1	1	0	600	600	0
1/24/2024 11:10	54502 ENOL_T2	1	1	0	0.2	0.5	0.3	-1.17	-1.16	1	1	0	600	600	0
1/24/2024 11:10	44301 BEAV_T2	1	2	1	0.6	2.1	1.5	0.96	0.96	4	4	0	3000	3000	0
1/24/2024 11:10	42601 TUSC_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1/24/2024 11:11	67503 WEWI_T2	0	0	0	0	0	0	-0.07	-0.08	0	0	0	0	0	0
1/24/2024 11:11	56803 BENV_T1	1	1	0	1.7	0.1	-1.6	0	0	0	0	0	0	0	0
1/24/2024 11:12	54505 ENOL_T2	1	1	0	0.8	1	0.2	0	0	0	0	0	0	0	0
1/24/2024 11:12	51102 CARL_T1	0	1	1	0	0.1	0.1	0	0	0	0	0	0	0	0
1/24/2024 11:12	67502 WEWI_T2	0	0	0	1	0	0	-1.05	-1.03	1	1	0	900	900	0
1/24/2024 11:13	54502 ENOL_T2	1	1	0	0.2	0.5	0.3	0	0	0	0	0	0	0	0
1/24/2024 11:13	54501 ENOL_T2	0	0	0	0	0	0	0.14	0.15	0	0	0	0	0	0
1/24/2024 11:13	54502 ENOL_T2	1	1	0	0.2	0.5	0.3	0	0	0	0	0	0	0	0
1/24/2024 11:13	67402 WAKE_T2	0	0	0	0	0	0	-0.38	-0.39	0	0	0	0	0	0
1/24/2024 11:13	61801 EEU_T2	0	1	1	0	0.2	0.2	-0.61	-0.59	0	0	0	0	0	0
1/24/2024 11:14	54505 ENOL_T2	1	1	0	0.8	1	0.2	-1.2	-1.23	1	1	0	600	600	0
1/24/2024 11:15	54502 ENOL_T2	1	0	-1	0.5	0	-0.5	-1.17	-1.16	1	1	0	600	600	0
1/24/2024 11:15	54505 ENOL_T2	1	1	0	1	0.9	-0.1	-1.2	-1.23	1	1	0	600	600	0
1/24/2024 11:15	54502 ENOL_T2	1	0	-1	0.5	0	-0.5	-1.17	-1.16	1	1	0	600	600	0
1/24/2024 11:15	54502 ENOL_T2	1	0	-1	0.5	0	-0.5	-1.17	-1.16	1	1	0	600	600	0
1/24/2024 11:15	40101 HUNT_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1/24/2024 11:15	43001 ALWD_T1	0	3	3	0	0.1	0.1	0	0	0	0	0	0	0	0
1/24/2024 11:16	54505 ENOL_T2	1	0	-1	0	0.9	-0.1	-1.2	-1.23	1	1	0	600	600	0
1/24/2024 11:16	54505 ENOL_T2	1	1	0	1	0.9	-0.1	-1.2	-1.23	1	1	0	600	600	0
1/24/2024 11:16	64202 KINZ_T1	3	3	0	0.23	0.63	0.4	0	0	0	0	0	0	0	0
1/24/2024 11:16	40101 HUNT_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1/24/2024 11:17	54504 ENOL_T2	0	0	0	0	0	0	-0.95	-0.96	1	1	0	600	600	0
1/24/2024 11:18	46301 ROHR_T1	0	0	0	0	0	0	0.23	0.23	0	0	0	0	0	0
1/24/2024 11:18	64101 REFR_T1	0	0	0	0	0	0	-0.09	-0.07	0	0	0	0	0	0
1/24/2024 11:19	46301 ROHR_T1	0	0	0	0	0	0	0.23	0.23	0	0	0	0	0	0
1/24/2024 11:19	64101 REFR_T1	0	0	0	0	0	0	-0.09	-0.07	0	0	0	0	0	0
1/24/2024 11:20	43104 SMIL_T2	0	0	0	0	0	0	-0.72	-0.72	1	1	0	300	300	0
1/24/2024 11:20	54206 PENN_T2	1	2	1	0.1	0.15	0.05	0	0	0	0	0	0	0	0
1/24/2024 11:20	55002 NEWP_T1	6	6	0	1.17	1.03	-0.14	-0.2	-0.2	0	0	0	0	0	0
1/24/2024 11:21	67001 STHI_T2	423	541	118	0.19	0.22	0.03	0	0	0	0	0	0	0	0
1/24/2024 11:21	64101 REFR_T1	0	0	0	0	0	0	-0.09	-0.07	0	0	0	0	0	0
1/24/2024 11:21	65004 NEFF_T2	0	5	5	0	0	0	0	0	0	0	0	0	0	0
1/24/2024 11:21	43001 ALWD_T1	0	3	3	0	0.1	0.1	0	0	0	0	0	0	0	0
1/24/2024 11:21	67605 WARW_T1	0	4	4	0	0.18	0.18	-1.13	-1.16	0	0	0	0	0	0
1/24/2024 11:22	64101 REFR_T1	0	0	0	0	0	0	-0.05	-0.04	0	0	0	0	0	0
1/24/2024 11:22	13302 ORVI_T2	0	0	0	0	0	0	1.11	1.12	0	0	0	0	0	0
1/24/2024 11:22	44301 BEAV_T2	1	2	1	2.1	2	-0.1	0.48	0.48	2	2	0	1500	1500	0
1/24/2024 11:23	57104 SPHI_T2	1	1	0	0.2	0	-0.2	0	0	0	0	0	0	0	0
1/24/2024 11:23	14401 SSLA_T1	51	79	28	0.17	0.21	0.04	0	0	0	0	0	0	0	0
1/24/2024 11:23	67402 WAKE_T2	0	0	0	0	0	0	-0.38	-0.39	0	0	0	0	0	0
1/24/2024 11:23	66901 SHIL_T2	137	170	33	0.23	0.22	-0.01	-1.65	-1.59	1	1	0	1200	1200	0
1/24/2024 11:23	67204 TEHI_T2	0	0	0	0	0	0	-0.01	-0.03	0	0	0	0	0	0
1/24/2024 11:23	44301 BEAV_T2	1	2	1	2.1	2	-0.1	0.48	0.3	2	2	0	1500	1500	0
1/24/2024 11:24	67204 TEHI_T2	0	0	0	0	0	0	-0.03	-0.01	0	0	0	0	0	0
1/24/2024 11:24	61103 BERK_T5	0	0	0	0	0	0	0.07	0.03	0	0	0	0	0	0
1/24/2024 11:24	60101 COCA_T1	0	0	0	0	0	0	0.46	0.41	0	0	0	0	0	0
1/24/2024 11:25	67002 STHI_T2	132	147	15	0.16	0.16	0	0.7	0.69	0	0	0	0	0	0
1/24/2024 11:25	61103 BERK_T5	0	1	1	0	0.1	0.1	0	0	0	0	0	0	0	0
1/24/2024 11:25	67605 WARW_T1	0	4	4	0	0.18	0.18	-1.16	-1.13	0	0	0	0	0	0
1/24/2024 11:26	61103 BERK_T5	0	0	0	0	0	0	0.07	0.03	0	0	0	0	0	0
1/24/2024 11:26	43001 ALWD_T1	0	3	3	0	0.1	0.1	0	0	0	0	0	0	0	0
1/24/2024 11:26	45902 AUBU_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1/24/2024 11:27	61103 BERK_T5	0	0	0	0	0	0	0.07	0.03	0	0	0	0	0	0
1/24/2024 11:27	65004 NEFF_T2	0	5	5	0	0	0	0	0	0	0	0	0	0	0
1/24/2024 11:27	60101 COCA_T1	0	0	0	0	0	0	0.46	0.41	0	0	0	0	0	0
1/24/2024 11:28	67402 WAKE_T2	0	0	0	0	0	0	-0.39	-0.37	0	0	0	0	0	0
1/24/2024 11:29	54501 ENOL_T2	0	0	0	0	0	0	0.15	0.13	0	0	0	0	0	0
1/24/2024 11:29	61103 BERK_T5	0	0	0	0	0	0	0.07	0.03	0	0	0	0	0	0
1/24/2024 11:31	52101 MEIS_T1	1	1	0	0.4	1.6	1.2	0	0	0	0	0	0	0	0
1/24/2024 11:32	46803 HEPB_T2	1	1	0	0.2	0.3	0.1	0	0	0	0	0	0	0	0
1/24/2024 11:32	53803 MBRG_T2	0	0	0	0	0	0	0.05	0.04	0	0	0	0	0	0
1/24/2024 11:32	52101 MEIS_T1	1	1	0	0.4	1.6	1.2	0	0	0	0	0	0	0	0
1/24/2024 11:33	64101 REFR_T1	0	0	0	0	0	0	-0.07	-0.05	0	0	0	0	0	0
1/24/2024 11:33	52101 MEIS_T1	1	1	0	0.4	1.6	1.2	0	0	0	0	0	0	0	0
1/24/2024 11:34	54201 PENN_T1	55	56	1	0.35	0.34	-0.01	0.09	0.21	0	0	0	0	0	0
1/24/2024 11:34	52101 MEIS_T1	1	1	0	0.4	1.6	1.2	0	0	0	0	0	0	0	0
1/24/2024 11:34	67001 STHI_T2	499	541	42	0.21	0.23	0.02	0.28	0.28	0	0	0	0	0	0
1/24/2024 11:34	49803 UNIV_T1	0	0	0	0	0	0	-1.01	-0.98	0	0	0	0	0	0
1/24/2024 11:34	64101 REFR_T1	0	0	0	0	0	0	-0.07	-0.05	0	0	0	0	0	0
1/24/2024 11:34	65207 PRIN_T4	0	0	0	0	0	0	0	0	1	1	0	1200	1200	0
1/24/2024 11:34	56501 ROCK_T2	0	3	3	0	0.1	0.1	-1.44	-1.4	0	0	0	0	0	0
1/24/2024 11:35	41902 REED_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1/24/2024 11:35	57403 SPAN_T1	0	0	0	0	0	0	0.29	0.26	0	0	0	0	0	0
1/24/2024 11:35	67002 STHI_T2	121	165	44	0.16	0.17	0.01	0.7	0.69	0	0	0	0	0	0
1/24/2024 11:35	67402 WAKE_T2	0	0	0	0	0	0	-0.39	-0.37	0	0	0	0	0	0
1/24/2024 11:35	57403 SPAN_T1	0	0	0	0	0	0	0.29	0.26	0	0	0	0	0	0
1/24/2024 11:35	56501 ROCK_T2	0	3	3	0	0.1	0.1	-2.88	-2.81	0	0	0	0	0	0
1/24/2024 11:35	64101 REFR_T1	0	0	0	0	0	0	-0.04	-0.03	0	0	0	0	0	0
1/24/2024 11:36	67002 STHI_T2	121	165	44	0.16	0.17	0.01	1.4	1.38	0	0	0	0	0	0
1/24/2024 11:36	64101 REFR_T1	0	0	0	0	0	0	-0.04	-0.03	0	0	0	0	0	0
1/24/2024 11:36	43001 ALWD_T1	0	7	7	0	0.11	0.11	0	0	0	0	0	0	0	0
1/24/2024 11:36	57401 SPAN_T1	0	2	2	0	0.15	0.15	-0.98	-1.03	1	1	0	600	600	0
1/24/2024 11:36	56501 ROCK_T2	0	3	3	0	0.1	0.1	0	0	0	0	0	0	0	0
1/24/2024 11:36	42601 TUSC_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1/24/2024 11:36	41902 REED_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1/24/2024 11:37	16101 BING_T2	45	0	-45	0.29	0	-0.29	-0.45	0.48	0	0	0	0	0	0
1/24/2024 11:37	41902 REED_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1/24/2024 11:37	67605 WARW_T1	0	5	5	0	0.2	0.2	-1.16	-1.13	0	0	0	0	0	0
1/24/2024 11:37	64101 REFR_T1	0	0	0	0	0	0	-0.07	-0.05	0	0	0	0	0	0
1/24/2024 11:37	67001 STHI_T2	499	541	42	0.21	0.23	0.02	0	0	0	0	0	0	0	0
1/24/2024 11:38	57401 SPAN_T1	0	2	2	0	0.15	0.15	-0.98	-1.03	1	1	0	600	600	0
1/24/2024 11:38	66703 STRA_T1	0	0	0	0	0	0	-0.1	-0.07	0	0	0	0	0	0
1/24/2024 11:38	24902 WHHA_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1/24/2024 11:38	60701 BREC_T1	0	0	0	0	0	0	-0.32	-0.37	1	1	0	600	600	0
1/24/2024 11:38	67503 WEWI_T2	0	0	0	0	0	0	-0.08	-0.03	0	0	0	0	0	0
1/24/2024 11:39	67001 STHI_T2	499	541	42	0.21	0.23	0.02	0	0	0	0	0	0	0	0
1/24/2024 11:39	67402 WAKE_T2	0	0	0	0	0	0	-0.37	0.26	0	0	0	0	0	0
1/24/2024 11:39	56501 ROCK_T2	0	3	3	0	0.1	0.1	-1.4	-1.47	0	0	0	0	0	0
1/24/2024 11:39	67503 WEWI_T2	0	0	0	0	0	0	-0.03	-0.05	0	0	0	0	0	0
1/24/2024 11:39	29402 BELT_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1/24/2024 11:39	67503 WEWI_T2	0	0	0	0	0	0	-0.03	-0.05	0	0	0	0	0	0
1/24/2024 11:39	43001 ALWD_T1	0	7	7	0	0.11	0.11	0	0	0	0	0	0	0	0
1/24/2024 11:39	61102 BERK_T5	1	1	0	0.1	0.1	0	0	0	0	0	0	0	0	0
1/24/2024 11:39	57401 SPAN_T1	0	2	2	0	0.15	0.15	-1.03	-1	1	1	0	600	600	0
1/24/2024 11:40	53501 EVIL_T2	8	8	0	1.23	1.55	0.32	-0.25	-0.36	0	1	1	0	600	600
1/24/2024 11:40	60701 BREC_T1	0	0	0	0	0	0	-0.37	-0.41	1	1	0	600	600	0
1/24/2024 11:40	67002 STHI_T2	121	165	44	0.16	0.17	0.01	0.69	0.69	0	0	0	0	0	0
1/24/2024 11:40	67605 WARW_T1	0	5	5	0	0.2	0.2	-1.13	-1.17	0	0	0	0	0	0
1/24/2024 11:40	29402 BELT_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1/24/2024 11:40	60101 COCA_T1	0	0	0	0	0	0	0.83	1.07	0	0	0	0	0	0
1/24/2024 11:40	67503 WEWI_T2	0	0	0	0	0	0	-0.03	-0.05	0	0	0	0	0	0
1/24/2024 11:40	61102 BERK_T5	1	1	0	0.1	0.1	0	0.85	0.87	1	1	0	300	300	0
1/24/2024 11:41	60701 BREC_T1	0	0	0	0	0	0	-0.37	-0.41	1	1	0	600	600	0
1/24/2024 11:41	67503 WEWI_T2	0	0	0	0	0	0	-0.03	-0.05	0	0	0	0	0	0
1/24/2024 11:41	60101 COCA_T1	0	0	0	0	0	0	0.41	0.54	0	0	0	0	0	0
1/24/2024 11:41	61102 BERK_T5	1	1	0	0.1	0.1	0	0	0	0	0	0	0	0	0
1/24/2024 11:41	67605 WARW_T1	0	5	5	0	0.2	0.2	-1.13	-1.17	0	0	0	0	0	0
1/24/2024 11:41	40902 JESH_T1	0	0	0	0	0	0	-0.46	-0.45	0	0	0	0	0	0
1/24/2024 11:41	43001 ALWD_T1	0	7	7	0	0.11	0.11	0	0	0	0	0	0	0	0
1/24/2024 11:41	67503 WEWI_T2	0	0	0	0	0	0	-0.03	-0.05	0	0	0	0	0	0
1/24/2024 11:41	29402 BELT_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1/24/2024 11:42	41801 GOCI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1/24/2024 11:42	53501 EVIL_T2	8	8	0	1.23	1.55	0.32	-0.25	-0.36	0	1	1	0	600	600
1/24/2024 11:42	67502 WEWI_T2	0	0	0	0	0	0	-2.26	-2.04	2	2	0	1800	1800	0
1/24/2024 11:42	61102 BERK_T5	1	1	0	0.1	0.1	0	0.85	0.87	1	1	0	300	300	0
1/24/2024 11:42	67503 WEWI_T2	0	0	0	0	0	0	-0.03	-0.05	0	0	0	0	0	0
1/24/2024 11:42	47001 HUGH_T2	0	0	0	0	0	0	-0.62	-0.67	0	0	0	0	0	0
1/24/2024 11:43	48901 FOSP_T2	0

1/24/2024 11:52	42601 TUSC_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1/24/2024 11:53	64101 REFR_T1	0	0	0	0	0	0	-0.05	-0.1	0	0	0	0	0	0
1/24/2024 11:53	60701 BREC_T1	0	0	0	0	0	0	-0.37	-0.41	1	1	0	600	600	0
1/24/2024 11:54	67503 WEWI_T2	0	0	0	0	0	0	-0.05	-0.09	0	0	0	0	0	0
1/24/2024 11:54	40101 HUNT_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1/24/2024 11:54	67503 WEWI_T2	0	0	0	0	0	0	-0.05	-0.09	0	0	0	0	0	0
1/24/2024 11:54	44301 BEAV_T2	1	0	-1	2	0	-2	0.42	-1.65	4	4	0	3000	3000	0
1/24/2024 11:55	67402 WAKE_T2	0	0	0	0	0	0	0.53	0.48	0	0	0	0	0	0
1/24/2024 11:55	60902 DONG_T2	0	1	1	0	0.1	0.1	0.44	0.45	0	0	0	0	0	0
1/24/2024 11:55	67503 WEWI_T2	0	0	0	0	0	0	-2.04	-0.48	2	2	0	1800	1800	0
1/24/2024 11:55	67503 WEWI_T2	0	0	0	0	0	0	-0.05	-0.09	0	0	0	0	0	0
1/24/2024 11:55	44301 BEAV_T2	1	0	-1	2	0	-2	0.21	-0.82	2	2	0	1500	1500	0
1/24/2024 11:55	43001 ALWD_T1	3	8	5	0.1	0.11	0.01	0	0	0	0	0	0	0	0
1/24/2024 11:55	67203 TEHI_T1	0	0	0	0	0	0	2	3.09	1	0	-1	600	0	-600
1/24/2024 11:56	44301 BEAV_T2	1	0	-1	2	0	-2	0.21	-0.82	2	2	0	1500	1500	0
1/24/2024 11:56	67503 WEWI_T2	0	0	0	0	0	0	-0.05	-0.09	0	0	0	0	0	0
1/24/2024 11:56	61303 EARL_T1	0	0	0	0	0	0	0.3	0.46	0	0	0	0	0	0
1/24/2024 11:56	60701 BREC_T1	0	0	0	0	0	0	-0.82	-0.78	2	2	0	1200	1200	0
1/24/2024 11:57	67502 WEWI_T2	0	0	0	0	0	0	-1.02	-0.24	1	1	0	900	900	0
1/24/2024 11:57	67502 WEWI_T2	0	0	0	0	0	0	-1.02	-0.24	1	1	0	900	900	0
1/24/2024 11:57	64101 REFR_T1	0	0	0	0	0	0	-0.05	-0.1	0	0	0	0	0	0
1/24/2024 11:58	61303 EARL_T1	0	0	0	0	0	0	0.3	0.46	0	0	0	0	0	0
1/24/2024 11:58	67502 WEWI_T2	0	0	0	0	0	0	-2.04	-0.48	2	2	0	1800	1800	0
1/24/2024 11:59	45702 LIND_T2	1	1	0	1.8	1.4	-0.4	-0.42	-0.46	0	0	0	0	0	0
1/24/2024 12:00	61303 EARL_T1	0	0	0	0	0	0	0.3	0.46	0	0	0	0	0	0
1/24/2024 12:00	67402 WAKE_T2	0	0	0	0	0	0	0.26	0.24	0	0	0	0	0	0
1/24/2024 12:01	64401 LAND_T1	0	0	0	0	0	0	-1.32	-1.39	1	1	0	600	600	0
1/24/2024 12:02	64401 LAND_T1	0	0	0	0	0	0	-1.32	-1.39	1	1	0	600	600	0
1/24/2024 12:02	53802 MBRG_T2	0	0	0	0	0	0	0.28	0.29	0	0	0	0	0	0
1/24/2024 12:02	47403 PENS_T1	1	1	0	2.2	2.1	-0.1	0	0	0	0	0	0	0	0
1/24/2024 12:03	53803 MBRG_T2	0	0	0	0	0	0	0.04	0.03	0	0	0	0	0	0
1/24/2024 12:03	64101 REFR_T1	0	0	0	0	0	0	-0.16	-0.3	1	0	0	0	0	0
1/24/2024 12:03	47402 PENS_T1	0	1	1	0	0	0	0	0	0	0	0	0	0	0
1/24/2024 12:03	53802 MBRG_T2	0	0	0	0	0	0	0.28	0.29	0	0	0	0	0	0
1/24/2024 12:03	41902 REED_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1/24/2024 12:03	52501 PROG_T1	0	0	0	0	0	0	0.18	0.18	1	1	0	300	300	0
1/24/2024 12:04	54202 PENN_T2	0	1	1	0	0.1	0.1	0	0	0	0	0	0	0	0
1/24/2024 12:04	64101 REFR_T1	0	0	0	0	0	0	-0.05	-0.1	0	0	0	0	0	0
1/24/2024 12:04	54203 PENN_T1	122	276	154	0.33	0.25	-0.08	0	0	0	0	0	0	0	0
1/24/2024 12:05	65207 PRIN_T4	0	0	0	0	0	0	0	0	2	2	0	1800	1800	0
1/24/2024 12:05	67402 WAKE_T2	0	0	0	0	0	0	0.26	0.24	0	0	0	0	0	0
1/24/2024 12:05	16402 MOPO_T1	7	5	-2	1.71	2.18	0.47	0.28	0.22	0	0	0	0	0	0
1/24/2024 12:05	64101 REFR_T1	0	0	0	0	0	0	-0.1	-0.2	0	0	0	0	0	0
1/24/2024 12:05	53803 MBRG_T2	0	0	0	0	0	0	0.04	0.03	0	0	0	0	0	0
1/24/2024 12:06	47402 PENS_T1	0	1	1	0	0	0	0	0	0	0	0	0	0	0
1/24/2024 12:06	16402 MOPO_T1	7	5	-2	1.71	2.18	0.47	0.28	0.22	0	0	0	0	0	0
1/24/2024 12:06	64101 REFR_T1	0	0	0	0	0	0	-0.1	-0.2	0	0	0	0	0	0
1/24/2024 12:07	67502 WEWI_T2	0	0	0	0	0	0	-1.02	-0.24	1	0	-1	900	0	-900
1/24/2024 12:07	67605 WARW_T1	5	20	15	0.2	0.23	0.03	-1.17	-1.18	0	0	0	0	0	0
1/24/2024 12:07	41902 REED_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1/24/2024 12:07	42601 TUSC_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1/24/2024 12:08	67503 WEWI_T2	0	0	0	0	0	0	-0.11	-0.18	0	0	0	0	0	0
1/24/2024 12:08	67503 WEWI_T2	0	0	0	0	0	0	-2.04	-0.48	2	0	-2	1800	0	-1800
1/24/2024 12:09	67605 WARW_T1	5	20	15	0.2	0.23	0.03	-1.18	-1.17	0	0	0	0	0	0
1/24/2024 12:10	67503 WEWI_T2	0	0	0	0	0	0	-0.09	0.02	0	0	0	0	0	0
1/24/2024 12:10	67503 WEWI_T2	0	0	0	0	0	0	-0.09	0.02	0	0	0	0	0	0
1/24/2024 12:10	43001 ALWD_T1	6	7	1	0.12	0.11	-0.01	0	0	0	0	0	0	0	0
1/24/2024 12:10	67402 WAKE_T2	0	0	0	0	0	0	0.24	0.26	0	0	0	0	0	0
1/24/2024 12:11	67503 WEWI_T2	0	0	0	0	0	0	-0.09	0.02	0	0	0	0	0	0
1/24/2024 12:12	67503 WEWI_T2	0	0	0	0	0	0	-0.09	0.02	0	0	0	0	0	0
1/24/2024 12:13	41801 GOCI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1/24/2024 12:14	41801 GOCI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1/24/2024 12:16	67402 WAKE_T2	0	0	0	0	0	0	0.24	0.26	0	0	0	0	0	0
1/24/2024 12:19	60502 NMAN_T2	1	1	0	0.6	0.8	0.2	-0.4	-0.39	0	0	0	0	0	0
1/24/2024 12:19	58202 NEWV_T1	6	8	2	0.32	0.31	-0.01	-0.19	-0.18	0	0	0	0	0	0
1/24/2024 12:19	64101 REFR_T1	0	0	0	0	0	0	-0.1	-0.09	0	0	0	0	0	0
1/24/2024 12:20	66703 STRA_T1	0	0	0	0	0	0	-0.1	-0.1	0	0	0	0	0	0
1/24/2024 12:21	49803 UNIV_T1	0	0	0	0	0	0	-1.08	-1.04	0	0	0	0	0	0
1/24/2024 12:21	67402 WAKE_T2	0	0	0	0	0	0	0.24	0.26	0	0	0	0	0	0
1/24/2024 12:22	58202 NEWV_T1	6	8	2	0.32	0.31	-0.01	-0.19	-0.18	0	0	0	0	0	0
1/24/2024 12:22	67904 WNHO_T1	0	0	0	0	0	0	-4.17	-4.19	4	4	0	4200	4200	0
1/24/2024 12:22	67901 WNHO_T2	0	0	0	0	0	0	-0.1	-0.11	1	1	0	900	900	0
1/24/2024 12:23	67904 WNHO_T1	0	0	0	0	0	0	-2.08	-2.1	2	2	0	2100	2100	0
1/24/2024 12:23	43001 ALWD_T1	7	1	-6	0.11	0.1	-0.01	0	0	0	0	0	0	0	0
1/24/2024 12:24	14801 TREI_T2	1	0	-1	0.2	0	-0.2	0.46	0.46	0	0	0	0	0	0
1/24/2024 12:25	61102 BERK_T5	1	0	-1	0.2	0	-0.2	0	0	0	0	0	0	0	0
1/24/2024 12:26	60801 BUCK_T1	0	0	0	0	0	0	-0.81	-0.82	1	1	0	600	600	0
1/24/2024 12:26	61102 BERK_T5	1	0	-1	0.2	0	-0.2	0	0	0	0	0	0	0	0
1/24/2024 12:26	67402 WAKE_T2	0	0	0	0	0	0	0.26	0.25	0	0	0	0	0	0
1/24/2024 12:26	50506 MECH_T1	0	0	0	0	0	0	-0.19	-0.23	0	0	0	0	0	0
1/24/2024 12:28	61102 BERK_T5	1	0	-1	0.2	0	-0.2	0	0	0	0	0	0	0	0
1/24/2024 12:29	39601 LNFD_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1/24/2024 12:30	59301 MCAL_T1	3	2	-1	0.9	1	0.1	0	0	0	0	0	0	0	0
1/24/2024 12:30	50506 MECH_T1	0	0	0	0	0	0	-0.19	-0.23	0	0	0	0	0	0
1/24/2024 12:34	54201 PENN_T1	76	47	-29	0.32	0.35	0.03	0	0	0	0	0	0	0	0
1/24/2024 12:35	42201 SHEN_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1/24/2024 12:37	67201 TEHI_T1	2	0	-2	0.1	0	-0.1	0	0	0	0	0	0	0	0
1/24/2024 12:37	67204 TEHI_T2	0	0	0	0	0	0	-0.05	-0.01	0	0	0	0	0	0
1/24/2024 12:38	67204 TEHI_T2	0	0	0	0	0	0	-0.05	-0.01	0	0	0	0	0	0
1/24/2024 12:40	60101 COCA_T1	0	0	0	0	0	0	0.52	0.43	0	0	0	0	0	0
1/24/2024 12:42	60101 COCA_T1	0	0	0	0	0	0	0.52	0.43	0	0	0	0	0	0
1/24/2024 12:43	60101 COCA_T1	0	0	0	0	0	0	1.05	0.87	0	0	0	0	0	0
1/24/2024 12:45	64204 KINZ_T1	1	1	0	0.8	0.7	-0.1	0	0	0	0	0	0	0	0
1/24/2024 12:50	64101 REFR_T1	0	0	0	0	0	0	-0.03	-0.07	0	0	0	0	0	0
1/24/2024 12:51	65001 NEFF_T2	0	0	0	0	0	0	-0.3	-0.42	1	1	0	1200	1200	0
1/24/2024 12:55	10705 CATA_T2	0	0	0	0	0	0	-0.88	-0.91	1	1	0	900	900	0
1/24/2024 12:56	61303 EARL_T1	0	0	0	0	0	0	0.59	0.53	0	0	0	0	0	0
1/24/2024 12:58	61303 EARL_T1	0	0	0	0	0	0	0.59	0.53	0	0	0	0	0	0
1/24/2024 12:59	61303 EARL_T1	0	0	0	0	0	0	0.59	0.53	0	0	0	0	0	0
1/24/2024 13:04	16402 MOPO_T1	5	7	2	1.94	1.78	-0.16	0.11	0.12	0	0	0	0	0	0
1/24/2024 13:04	41902 REED_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1/24/2024 13:05	16402 MOPO_T1	5	7	2	1.94	1.78	-0.16	0.11	0.12	0	0	0	0	0	0
1/24/2024 13:05	41902 REED_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1/24/2024 13:06	41902 REED_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1/24/2024 13:30	53601 DALM_T2	0	1	1	0	0.7	0.7	0.27	0.07	0	0	0	0	0	0
1/24/2024 13:32	47401 PENS_T1	0	0	0	0	0	0	0.84	0.83	0	0	0	0	0	0
1/24/2024 13:32	42903 MIDD_T2	0	0	0	0	0	0	0.47	0.51	1	1	0	1200	1200	0
1/24/2024 13:35	47401 PENS_T1	0	0	0	0	0	0	0.84	0.83	0	0	0	0	0	0
1/24/2024 13:36	64101 REFR_T1	0	0	0	0	0	0	-0.05	-0.07	0	0	0	0	0	0
1/24/2024 13:36	47403 PENS_T1	1	1	0	0.8	1.2	0.4	0	0	0	0	0	0	0	0
1/24/2024 13:40	67402 WAKE_T2	0	0	0	0	0	0	0.47	0.48	1	1	0	600	600	0
1/24/2024 13:44	40101 HUNT_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1/24/2024 13:45	67402 WAKE_T2	0	0	0	0	0	0	0.47	0.48	1	1	0	600	600	0
1/24/2024 13:45	40101 HUNT_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1/24/2024 13:46	40101 HUNT_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1/24/2024 13:48	64101 REFR_T1	0	0	0	0	0	0	-0.07	-0.05	0	0	0	0	0	0
1/24/2024 13:48	40101 HUNT_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1/24/2024 13:49	64101 REFR_T1	0	0	0	0	0	0	-0.07	-0.05	0	0	0	0	0	0
1/24/2024 13:50	64101 REFR_T1	0	0	0	0	0	0	-0.07	-0.05	0	0	0	0	0	0
1/24/2024 13:51	64101 REFR_T1	0	0	0	0	0	0	-0.15	-0.11	0	0	0	0	0	0
1/24/2024 13:53	64101 REFR_T1	0	0	0	0	0	0	-0.07	-0.05	0	0	0	0	0	0
1/24/2024 13:54	65001 NEFF_T2	0	0	0	0	0	0	-0.61	-0.5	1	1	0	1200	1200	0
1/24/2024 13:55	64101 REFR_T1	0	0	0	0	0	0	-0.05	-0.04	0	0	0	0	0	0
1/24/2024 13:55	60902 DONG_T2	0	0	0	0	0	0	0.41	0.38	0	0	0	0	0	0
1/24/2024 14:04	59301 MCAL_T1	0	2	2	0	0.1	0.1	0	0	0	0	0	0	0	0
1/24/2024 14:04	62604 ENGL_T1	1	0	-1	0.2	0	-0.2	-0.39	-0.39	1	1	0	600	600	0
1/24/2024 14:05	62604 ENGL_T1	1	0	-1	0.2	0	-0.2	-0.39	-0.39	1	1	0	600	600	0
1/24/2024 14:06	14403 SSLA_T1	0	0	0	0	0	0	0.87	0.95	0	0	0	0	0	0
1/24/2024 14:06	59101 WALK_T2	0	0	0	0	0	0	1.47	1.53	1	1	0	600	600	0
1/24/2024 14:06	62604 ENGL_T1	1	0	-1	0.2	0	-0.2	-0.39	-0.39	1	1	0	600	600	0
1/24/2024 14:07	62604 ENGL_T1	1	0	-1	0.2	0	-0.2	-0.39	-0.39	1	1	0	600	600	0
1/24/2024 14:07	16302 ALPA_T2	0	0	0	0	0	0	1.57	1.49	0	0	0	0	0	0
1/24/2024 14:08	16302 ALPA_T2	0	0	0	0	0	0	0.78	0.74	0	0	0	0	0	0
1/24/2024 14:08	67605 WARW_T1	0	0	0	0	0	0	-1.07	-1.1	0	0	0	0	0	0
1/24/2024 14:08	46004 BERW_T2	0	0	0	0	0	0	-0.68	-0.64	0	0	0	0	0	0
1/24/2024 14:08	59101 WALK_T2	0	0	0	0	0	0	1.47	1.53	1	1	0	600	600	0
1/24/2024 14:08	59102 WALK_T2	0	0	0	0	0	0	-0.26	-0.28	1	1	0	600	600	0
1/24/2024 14:08	62604 ENGL_T1	1	0	-1	0.2	0	-0.2	-0.39	-0.39	1	1	0	600	600	0
1/24/2024 14:08	14401 SSLA_T1	33	34	1	0.14	0.15	0.01	0	0	0	0	0	0	0	0
1/24/2024 14:08	67503 WEWI_T2	0	0	0	0	0	0	-0.08	-0.06	0	0	0	0	0	0
1/24/2024 14:09	67502 WEWI_T2	0	0	0	0	0	0	-0.06	-0.17	0	0	0	0	0	0
1/24/2024 14:09	46206 DANV_T2	0	0	0	0	0	0	2.58	2.59	1	1	0	1200	1200	0
1/24/2024 14:09	46004 BERW_T2	0	0	0	0	0	0	-0.68	-0.64	0	0	0	0	0	0
1/24/2024 14:09	59101 WALK_T2	0	0	0	0	0	0	1.53	1.92	1	1	0	600	600	0
1/24/2024 14:10	59101 WALK_T2	0	0	0	0	0	0	1.53	1.92	1	1	0	600	600	0
1/24/2024 14:10	67502 WEWI_T2	0	0	0	0	0	0	-0.06	-0.17	0	0	0	0	0	0
1/24/2024 14:10	67402 WAKE_T2	0	0	0	0	0	0	0.48	0.46	1	1	0	600	600	0
1/24/2024 14:10	41601 CLEV_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1/24/2024 14:10	28604 BLYT_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1/24/2024 14:11	53601 DALM_T2	1	1	0	0.7	0.9	0.2	0.06	0.04	0	0	0	0	0	0
1/24/2024 14:11	41601 CLEV_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1/24/2024 14:11	43001 ALWD_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1/24/2024 14:11	46206 DANV_T2	0	0	0	0	0	0	5.16	5.18	2	2	0	2400	2400	0
1/24/2024 14:11	16302 ALPA_T2	0	0	0	0	0	0	0.74	0.78	0	0	0	0	0	0
1/24/2024 14:11	67402 WAKE_T2	0	0	0	0	0	0	0.48	0.46	1	1	0	600	600	0
1/24/2024 14:11	67502 WEWI_T2	0	0	0	0	0	0	-0.06	-0.17	0	0	0	0	0	0
1/24/2024 14:12	67503 WEWI_T2	0	0	0	0	0	0	-0.06	-0.02	0	0	0	0	0	0
1/24/2024 14:12	46203 DANV_T2	0	0	0	0	0	0	0.01	0.02	0	0	0	0	0	0
1/24/2024 14:13	67502 WEWI_T2	0	0	0	0	0	0	-0.06	-0.17	0	0	0	0	0	0
1/24/2024 14:13	46203 DANV_T2	0	0	0	0	0	0	0.01	0.02	0	0	0	0	0	0
1/24/2024 14:14	41801 GOCI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1/24/2024 14:14	46203 DANV_T2	0	0	0	0	0	0	0.01	0.02	0	0	0	0	0	0
1/24/2024 14:15	46801 HEPB_T2	2	2	0	0.35	0.45	0.1	0.62	0.63	0	0	0	0	0	0
1/24/2024 14:15	45702 LIND_T2	1	1	0	1.5	1.6	0.1	-0.4	-0.36	0	0	0	0	0	0
1/24/2024 14:15	41801 GOCI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1/24/2024 14:16	46203 DANV_T2	0	0	0	0	0	0	0.01	0.02	0	0	0	0	0	0
1/24/2024 14:16	67402 WAKE_T2	0	0	0	0	0	0	0.48	0.46	1	1	0	600	600	0
1/24/2024 14:17	16402 MOPO_T1	3	4	1	0.73	0.73	0	0.07	0.23	0	0	0	0	0	0
1/24/2024 14:17	63401 HONY_T1	0	0	0	0	0	0	0.1	0.07	1	1	0	600	600	0
1/24/2024 14:19	65001 NEFF_T2	0	0	0	0	0	0	-0.5	-0.64	1	1	0	1200	1200	0
1/24/2024 14:19	16402 MOPO_T1	3	4	1	0.73	0.73	0	0.07	0.23	0	0	0	0	0	0
1/24/2024 14:21	59101 WALK_T2	0	0	0	0	0	0	1.53	1.92	1	2	1	600	1200	600
1/24/2024 14:21	66703 STRA_T1	0	0	0	0	0	0	-0.03	-0.04	0	0	0	0	0	0
1/24/2024 14:21	65001 NEFF_T2	0	0	0	0	0	0	-0.5	-0.64	1	1	0	1200	1200	0
1/24/2024 14:22	43001 ALWD_T1	0	1	1	0	0.1	0.1	0	0	0	0	0	0	0	0
1/24/2024 14:22	26401 INOR_T1	2	1	-1	0.35	0	-0.35	1.06	0.98	0	0	0	0	0	0
1/24/2024 14:22	59101 WALK_T2	0	0	0	0	0	0	1.53	1.92	1	2	1	600	1200	600
1/24/2024 14:22	67402 WAKE_T2	0	0	0	0	0	0	0.48	0.46	1	1	0	600	600	0
1/24/2024 14:23	29401 BELT_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1/24/2024 14:23	46203 DANV_T2	0	0	0	0	0	0	0.04	-0.04	0	0	0	0	0	0
1/24/2024 14:23	59101 WALK_T2	0	0	0	0	0	0	1.53	1.92

1/24/2024 14:39	46203 DANV_T2	0	0	0	0	0	0	-0.02	-0.01	0	0	0	0	0	0
1/24/2024 14:39	67001 STHI_T2	391	532	141	0.18	0.24	0.06	0	0	0	0	0	0	0	0
1/24/2024 14:39	29401 BELT_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1/24/2024 14:40	67605 WARW_T1	0	1	1	0	0.1	0.1	-1.08	-1.08	0	0	0	0	0	0
1/24/2024 14:40	29401 BELT_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1/24/2024 14:40	29402 BELT_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1/24/2024 14:40	43001 ALWD_T1	0	1	1	0	0.1	0.1	0	0	0	0	0	0	0	0
1/24/2024 14:40	11104 EGYP_T1	0	0	0	0	0	0	0.25	0.25	0	0	0	0	0	0
1/24/2024 14:40	67402 WAKE_T2	0	0	0	0	0	0	-0.29	-0.35	1	1	0	600	600	0
1/24/2024 14:40	56801 BENV_T1	6	17	11	0.48	0.58	0.1	-0.72	-0.76	1	1	0	600	600	0
1/24/2024 14:40	46203 DANV_T2	0	0	0	0	0	0	-0.02	-0.01	0	0	0	0	0	0
1/24/2024 14:41	11104 EGYP_T1	0	0	0	0	0	0	0.25	0.25	0	0	0	0	0	0
1/24/2024 14:41	55105 WERT_T1	0	0	0	0	0	0	-0.57	-0.59	1	1	0	900	900	0
1/24/2024 14:41	67605 WARW_T1	0	1	1	0	0.1	0.1	-1.08	-1.08	0	0	0	0	0	0
1/24/2024 14:41	56801 BENV_T1	6	17	11	0.48	0.58	0.1	-0.72	-0.76	1	1	0	600	600	0
1/24/2024 14:42	65001 NEFF_T2	0	0	0	0	0	0	-0.54	-0.44	1	1	0	1200	1200	0
1/24/2024 14:42	11104 EGYP_T1	0	0	0	0	0	0	0.25	0.25	0	0	0	0	0	0
1/24/2024 14:43	67402 WAKE_T2	0	0	0	0	0	0	-0.29	-0.35	1	1	0	600	600	0
1/24/2024 14:43	46203 DANV_T2	0	0	0	0	0	0	-0.02	-0.01	0	0	0	0	0	0
1/24/2024 14:44	63404 HONY_T1	2	2	0	6	6.55	0.55	0	0	0	0	0	0	0	0
1/24/2024 14:45	41801 GOCI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1/24/2024 14:45	47101 MARL_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1/24/2024 14:45	43001 ALWD_T1	1	4	3	0.1	0.15	0.05	0	0	0	0	0	0	0	0
1/24/2024 14:46	52101 MEIS_T1	1	1	0	0.5	0.4	-0.1	0	0	0	0	0	0	0	0
1/24/2024 14:46	41801 GOCI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1/24/2024 14:47	52101 MEIS_T1	1	1	0	0.5	0.4	-0.1	0	0	0	0	0	0	0	0
1/24/2024 14:48	52101 MEIS_T1	1	1	0	0.5	0.4	-0.1	0	0	0	0	0	0	0	0
1/24/2024 14:49	52101 MEIS_T1	1	1	0	0.5	0.4	-0.1	0	0	0	0	0	0	0	0
1/24/2024 14:49	16402 MOPO_T1	3	5	2	0.73	1.2	0.47	0.24	0.27	0	0	0	0	0	0
1/24/2024 14:49	55002 NEWP_T1	6	6	0	0.8	0.82	0.02	-0.26	-0.25	0	0	0	0	0	0
1/24/2024 14:50	55002 NEWP_T1	6	6	0	0.8	0.82	0.02	-0.26	-0.25	0	0	0	0	0	0
1/24/2024 14:50	57401 SPAN_T1	0	0	0	0	0	0	-1.44	-1.56	2	2	0	1200	1200	0
1/24/2024 14:51	42201 SHEN_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1/24/2024 14:51	16402 MOPO_T1	3	5	2	0.73	1.2	0.47	0.24	0.27	0	0	0	0	0	0
1/24/2024 14:51	45501 DERR_T2	1	1	0	0	0	0	0.73	0.79	2	2	0	1800	1800	0
1/24/2024 14:52	17002 PIRO_T1	1	1	0	0.1	0.1	0	0.56	0.57	0	0	0	0	0	0
1/24/2024 14:52	59101 WALK_T2	0	0	0	0	0	0	1.39	1.15	2	2	0	1200	1200	0
1/24/2024 14:53	66901 SHIL_T2	108	186	78	0.19	0.23	0.04	-1.69	-1.65	1	1	0	1200	1200	0
1/24/2024 14:53	67402 WAKE_T2	0	0	0	0	0	0	-0.29	-0.35	1	1	0	600	600	0
1/24/2024 14:53	46206 DANV_T2	0	0	0	0	0	0	2.66	2.57	1	1	0	1200	1200	0
1/24/2024 14:54	45501 DERR_T2	1	1	0	0	0	0	0.79	0.87	2	2	0	1800	1800	0
1/24/2024 14:54	40502 CRES_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1/24/2024 14:55	59101 WALK_T2	0	0	0	0	0	0	1.15	1.06	2	2	0	1200	1200	0
1/24/2024 14:55	26401 INOR_T1	0	0	0	0	0	0	0.9	0.91	0	0	0	0	0	0
1/24/2024 14:55	57401 SPAN_T1	0	0	0	0	0	0	-0.78	-0.78	1	1	0	600	600	0
1/24/2024 14:55	40502 CRES_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1/24/2024 14:56	43001 ALWD_T1	1	4	3	0.1	0.15	0.05	0	0	0	0	0	0	0	0
1/24/2024 14:56	46206 DANV_T2	0	0	0	0	0	0	2.66	2.57	1	1	0	1200	1200	0
1/24/2024 14:57	40502 CRES_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1/24/2024 14:58	67402 WAKE_T2	0	0	0	0	0	0	-0.35	-0.34	1	1	0	600	600	0
1/24/2024 14:59	40502 CRES_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1/24/2024 14:59	46206 DANV_T2	0	0	0	0	0	0	2.66	2.57	1	1	0	1200	1200	0
1/24/2024 15:01	43001 ALWD_T1	1	11	10	0.1	0.15	0.05	0	0	0	0	0	0	0	0
1/24/2024 15:04	64902 MILL_T2	0	0	0	0	0	0	-0.7	-0.69	1	1	0	900	900	0
1/24/2024 15:06	43801 SWIL_T1	20	56	36	0.47	0.27	-0.2	0	0	0	0	0	0	0	0
1/24/2024 15:06	43001 ALWD_T1	1	11	10	0.1	0.15	0.05	0	0	0	0	0	0	0	0
1/24/2024 15:06	65001 NEFF_T2	0	0	0	0	0	0	-0.44	-0.58	1	1	0	1200	1200	0
1/24/2024 15:07	43802 SWIL_T1	0	0	0	0	0	0	-0.2	-0.2	1	1	0	600	600	0
1/24/2024 15:08	43802 SWIL_T1	0	0	0	0	0	0	-0.2	-0.2	1	1	0	600	600	0
1/24/2024 15:08	67503 WEWI_T2	0	0	0	0	0	0	-0.05	-0.05	0	0	0	0	0	0
1/24/2024 15:08	28604 BLYT_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1/24/2024 15:09	67402 WAKE_T2	0	0	0	0	0	0	-0.34	-0.36	1	1	0	600	600	0
1/24/2024 15:10	67503 WEWI_T2	0	0	0	0	0	0	-0.05	-0.03	0	0	0	0	0	0
1/24/2024 15:11	43001 ALWD_T1	1	11	10	0.1	0.15	0.05	0	0	0	0	0	0	0	0
1/24/2024 15:11	53501 EVIL_T2	9	8	-1	0.54	0.33	-0.21	-0.5	-0.54	1	1	0	600	600	0
1/24/2024 15:11	60201 ATGL_T2	0	0	0	0	0	0	0.28	0.26	1	1	0	300	300	0
1/24/2024 15:12	53501 EVIL_T2	9	8	-1	0.54	0.33	-0.21	-0.5	-0.54	1	1	0	600	600	0
1/24/2024 15:12	46801 HEPB_T2	2	16	14	0.45	0.2	-0.25	0.65	0.65	0	0	0	0	0	0
1/24/2024 15:12	67503 WEWI_T2	0	0	0	0	0	0	-0.05	-0.03	0	0	0	0	0	0
1/24/2024 15:13	53501 EVIL_T2	9	8	-1	0.54	0.33	-0.21	-1	-1.07	2	2	0	1200	1200	0
1/24/2024 15:14	67402 WAKE_T2	0	0	0	0	0	0	-0.34	-0.36	1	1	0	600	600	0
1/24/2024 15:16	28704 HAML_T2	0	0	0	0	0	0	0.14	0.14	0	0	0	0	0	0
1/24/2024 15:16	53501 EVIL_T2	8	9	1	0.33	0.54	0.21	-0.5	-0.54	1	1	0	600	600	0
1/24/2024 15:20	49803 UNIV_T1	0	0	0	0	0	0	-0.95	-1.02	0	0	0	0	0	0
1/24/2024 15:22	43802 SWIL_T1	0	0	0	0	0	0	-0.2	-0.2	1	1	0	600	600	0
1/24/2024 15:22	52501 PROG_T1	0	0	0	0	0	0	0.38	0.31	1	1	0	300	300	0
1/24/2024 15:22	43001 ALWD_T1	4	12	8	0.15	0.13	-0.02	0	0	0	0	0	0	0	0
1/24/2024 15:23	43801 SWIL_T1	56	9	-47	0.27	0.73	0.46	0	0	0	0	0	0	0	0
1/24/2024 15:23	46004 BERW_T2	0	0	0	0	0	0	-0.7	-0.71	0	0	0	0	0	0
1/24/2024 15:24	43802 SWIL_T1	0	0	0	0	0	0	-0.2	-0.2	1	1	0	600	600	0
1/24/2024 15:24	64101 REFR_T1	0	1	1	0	0	0	-0.02	-0.04	0	0	0	0	0	0
1/24/2024 15:25	67402 WAKE_T2	0	0	0	0	0	0	-0.36	-0.37	1	1	0	600	600	0
1/24/2024 15:27	43001 ALWD_T1	4	12	8	0.15	0.13	-0.02	0	0	0	0	0	0	0	0
1/24/2024 15:28	53901 HALI_T2	2	18	16	0.3	0.13	-0.17	-1.47	-1.53	0	0	0	0	0	0
1/24/2024 15:29	65001 NEFF_T2	0	0	0	0	0	0	-0.59	-0.72	1	1	0	1200	1200	0
1/24/2024 15:29	53903 HALI_T2	2	2	0	0.7	0.7	0	0	0	0	0	0	0	0	0
1/24/2024 15:30	67402 WAKE_T2	0	0	0	0	0	0	-0.36	-0.37	1	1	0	600	600	0
1/24/2024 15:30	53901 HALI_T2	2	18	16	0.1	0.13	0.03	-1.47	-1.53	0	0	0	0	0	0
1/24/2024 15:32	47802 MOCA_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1/24/2024 15:32	47403 PENS_T1	1	1	0	2.4	0.9	-1.5	0	0	0	0	0	0	0	0
1/24/2024 15:33	47101 MARL_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1/24/2024 15:34	47101 MARL_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1/24/2024 15:35	14403 SSLA_T1	0	0	0	0	0	0	1.01	0.98	0	0	0	0	0	0
1/24/2024 15:35	47101 MARL_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1/24/2024 15:36	47401 PENS_T1	0	0	0	0	0	0	0.85	0.81	0	0	0	0	0	0
1/24/2024 15:36	47101 MARL_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1/24/2024 15:40	60101 COCA_T1	0	0	0	0	0	0	0.38	0.43	0	0	0	0	0	0
1/24/2024 15:40	67402 WAKE_T2	0	0	0	0	0	0	-0.37	-0.35	1	1	0	600	600	0
1/24/2024 15:40	61102 BERK_T5	0	1	1	0	0.1	0.1	0	0	0	0	0	0	0	0
1/24/2024 15:40	40502 CRES_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1/24/2024 15:41	40502 CRES_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1/24/2024 15:42	60101 COCA_T1	0	0	0	0	0	0	0.38	0.43	0	0	0	0	0	0
1/24/2024 15:42	40502 CRES_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1/24/2024 15:43	53903 HALI_T2	2	2	0	0.7	0.7	0	0	0	0	0	0	0	0	0
1/24/2024 15:43	40502 CRES_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1/24/2024 15:45	40502 CRES_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1/24/2024 15:46	40502 CRES_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1/24/2024 15:46	67402 WAKE_T2	0	0	0	0	0	0	-0.37	-0.35	1	1	0	600	600	0
1/24/2024 15:48	47403 PENS_T1	0	1	1	0	1.7	1.7	0	0	0	0	0	0	0	0
1/24/2024 15:48	55002 NEWP_T1	6	5	-1	0.62	0.64	0.02	-0.21	-0.21	0	0	0	0	0	0
1/24/2024 15:48	62604 ENGL_T1	1	1	0	0.1	0.1	0	-0.37	-0.36	1	1	0	600	600	0
1/24/2024 15:49	62604 ENGL_T1	1	1	0	0.1	0.1	0	-0.37	-0.36	1	1	0	600	600	0
1/24/2024 15:49	64101 REFR_T1	0	0	0	0	0	0	-0.04	0	0	0	0	0	0	0
1/24/2024 15:49	47401 PENS_T1	0	0	0	0	0	0	0.81	0.79	0	0	0	0	0	0
1/24/2024 15:50	62604 ENGL_T1	1	1	0	0.1	0.1	0	-0.37	-0.36	1	1	0	600	600	0
1/24/2024 15:50	64101 REFR_T1	0	0	0	0	0	0	-0.08	0	0	0	0	0	0	0
1/24/2024 15:51	64101 REFR_T1	0	0	0	0	0	0	-0.08	0	0	0	0	0	0	0
1/24/2024 15:51	62604 ENGL_T1	1	1	0	0.1	0.1	0	-0.37	-0.36	1	1	0	600	600	0
1/24/2024 15:51	49803 UNIV_T1	0	0	0	0	0	0	-0.99	-0.99	0	0	0	0	0	0
1/24/2024 15:52	62604 ENGL_T1	1	1	0	0.1	0.1	0	-0.37	-0.36	1	1	0	600	600	0
1/24/2024 15:52	64101 REFR_T1	0	0	0	0	0	0	-0.08	0	0	0	0	0	0	0
1/24/2024 15:52	47403 PENS_T1	0	1	1	0	1.7	1.7	0	0	0	0	0	0	0	0
1/24/2024 15:53	14401 SSLA_T1	5	5	0	0.1	0.16	0.06	0	0	0	0	0	0	0	0
1/24/2024 15:56	53601 DALM_T2	1	0	-1	0.5	0	-0.5	0.08	0.12	0	0	0	0	0	0
1/24/2024 15:57	47403 PENS_T1	0	1	1	0	1.7	1.7	0	0	0	0	0	0	0	0
1/24/2024 16:04	55002 NEWP_T1	5	5	0	0.64	0.6	-0.04	-0.21	-0.24	0	0	0	0	0	0
1/24/2024 16:09	60701 BREC_T1	0	0	0	0	0	0	-0.47	-0.45	1	1	0	600	600	0
1/24/2024 16:09	54502 ENOL_T2	0	0	0	0	0	0	-1.15	-1.15	1	1	0	600	600	0
1/24/2024 16:11	61102 BERK_T5	0	1	1	0	0.1	0.1	0	0	0	0	0	0	0	0
1/24/2024 16:11	60701 BREC_T1	0	0	0	0	0	0	-0.47	-0.45	1	1	0	600	600	0
1/24/2024 16:12	29402 BELT_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1/24/2024 16:12	61101 BERK_T5	0	0	0	0	0	0	-0.82	-0.81	0	0	0	0	0	0
1/24/2024 16:12	60701 BREC_T1	0	0	0	0	0	0	-0.47	-0.45	1	1	0	600	600	0
1/24/2024 16:16	65003 NEFF_T2	0	2	2	0	0.1	0.1	0	0	0	0	0	0	0	0
1/24/2024 16:20	42201 SHEN_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1/24/2024 16:20	64101 REFR_T1	0	0	0	0	0	0	0.01	-0.01	0	0	0	0	0	0
1/24/2024 16:20	55002 NEWP_T1	5	5	0	0.6	0.32	-0.28	-0.24	-0.22	0	0	0	0	0	0
1/24/2024 16:21	64101 REFR_T1	0	0	0	0	0	0	0.02	-0.01	0	0	0	0	0	0
1/24/2024 16:22	64101 REFR_T1	0	0	0	0	0	0	0.01	-0.01	0	0	0	0	0	0
1/24/2024 16:22	67402 WAKE_T2	0	0	0	0	0	0	-0.33	-0.34	1	1	0	600	600	0
1/24/2024 16:23	64101 REFR_T1	0	0	0	0	0	0	0.03	-0.02	0	0	0	0	0	0
1/24/2024 16:28	67402 WAKE_T2	0	0	0	0	0	0	-0.34	-0.28	1	1	0	600	600	0
1/24/2024 16:35	55002 NEWP_T1	5	3	-2	0.32	0.1	-0.22	-0.22	-0.18	0	0	0	0	0	0
1/24/2024 16:38	67402 WAKE_T2	0	0	0	0	0	0	-0.34	-0.28	1	1	0	600	600	0
1/24/2024 16:42	65001 NEFF_T2	0	0	0	0	0	0	-0.73	-0.76	1	1	0	1200	1200	0
1/24/2024 16:43	67402 WAKE_T2	0	0	0	0	0	0	-0.28	-0.31	1	1	0	600	600	0
1/24/2024 16:43	40101 HUNT_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1/24/2024 16:49	49803 UNIV_T1	0	0	0	0	0	0	-1.01	-0.97	0	0	0	0	0	0
1/24/2024 16:54	67402 WAKE_T2	0	0	0	0	0	0	-0.31	-0.31	1	1	0	600	600	0
1/24/2024 16:59	67402 WAKE_T2	0	0	0	0	0	0	-0.31	-0.31	1	1	0	600	600	0
1/24/2024 17:02	39601 LNFD_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1/24/2024 17:14	65001 NEFF_T2	0	0	0	0	0	0	-0.82	-0.65	1	1	0	1200	1200	0
1/24/2024 17:24	43103 SMIL_T2	0	0	0	0	0	0	-0.81	-0.83	0	0	0	0	0	0
1/24/2024 17:29	65001 NEFF_T2	0	0	0	0	0	0	-0.65	-0.81	1	1	0	1200	1200	0
1/24/2024 17:30	65001 NEFF_T2	0	0	0	0	0	0	-0.65	-0.81	1	1	0	1200	1200	0
1/24/2024 17:49	29401 BELT_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1/24/2024 18:03	61306 EARL_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1/24/2024 18:29	25603 ARRO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1/24/2024 18:37	43802 SWIL_T1	0	0	0	0	0	0	-0.18	-0.18	1	1	0	600	600	0
1/24/2024 18:40	45902 AUBU_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1/24/2024 18:41	46903 MNTG_T2	16	24	8	0.14	0.13	-0.01	-0.33	-0.36	1	1	0	600	600	0
1/24/2024 18:42	56802 BENV_T2	1	1	0	0.2	0.4	0.2	-0.58	-0.63	0	0	0	0	0	0
1/24/2024 18:42	51107 CARL_T1	0	0	0	0	0	0	-0.23	-0.01	0	0	0	0	0	0
1/24/2024 18:43	56802 BENV_T2	1	1	0	0.2	0.4	0.2	-0.58	-0.63	0	0	0	0	0	0
1/24/2024 18:43	61101 BERK_T5	0	0	0	0	0	0	-0.94	-0.93	0	0	0	0	0	0
1/24/2024 18:44	40502 CRES_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1/24/2024 18:44	45902 AUBU_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1/24/2024 18:44	51107 CARL_T1	0	0	0	0	0	0	-0.23	-0.01	0	0	0	0	0	0
1/24/2024 18:45	57401 SPAN_T1	0	0	0	0	0	0	-0.7	-0.68	1	1	0	600	600	0
1/24/2024 18:45	52102 MEIS_T1	10	19	9	0.21	0.2	-0.01	0	0	1	1	0	450	450	0
1/24/2024 18:45	56501 ROCK_T2	4	4	0	0.2	0.17	-0.03	-1.43	-1.39	0	0	0	0	0	0
1/24/2024 18:45	55002 NEWP_T1	3	6	3	0.57	0.57	0	-0.22	-0.23	0	0	0	0	0	0
1/24/2024 18:46	56802 BENV_T2	1	1	0	0.4	0.4	0	-0.58	-0.63	0	0	0	0	0	0
1/24/2024 18:46	46302 ROHR_T1	2	6	4	0.85	0.65	-0.2	0.22	0.2	0	0	0	0	0	0
1/24/2024 18:46	54001 SDLE_T1	6	6	0	0.77	1.02	0.25	0	0	0	0	0	0	0	0
1/24/2024 18:46	56501 ROCK_T2	4	4	0	0.2	0.17	-0.03	-1.43	-1.39	0	0	0	0	0	0
1/24/2024 18:46	54505 ENOL_T2	1	1	0	0.6	0.8	0.2	0	0	0	0	0	0	0	0
1/24/2024 18:46	29402 BELT_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1/24/2024 18:46	40602 PIGR_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1/24/2024 18:46	60101 COCA_T1	0	0	0	0	0	0	0.34	0.33	0	0	0	0	0	0
1/24/2024 18:46	45501

1/24/2024 18:51	54503 ENOL_T2	0	0	0	0	0	0	-1.69	-1.69	1	1	0	600	600	0
1/24/2024 18:51	57401 SPAN_T1	0	0	0	0	0	0	-0.7	-0.68	1	1	0	600	600	0
1/24/2024 18:51	40502 CRES_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1/24/2024 18:51	57401 SPAN_T1	0	0	0	0	0	0	-0.7	-0.68	1	1	0	600	600	0
1/24/2024 18:51	56802 BENV_T2	1	1	0	0.4	0.4	0	-1.74	-1.9	0	0	0	0	0	0
1/24/2024 18:51	54001 SDLE_T1	6	6	0	0.77	1.02	0.25	0	0	0	0	0	0	0	0
1/24/2024 18:51	53501 EVIL_T2	1	1	0	0.4	0.4	0	-0.88	-0.78	1	1	0	600	600	0
1/24/2024 18:51	45902 AUBU_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1/24/2024 18:51	56501 ROCK_T2	4	4	0	0.2	0.17	-0.03	-1.43	-1.39	0	0	0	0	0	0
1/24/2024 18:52	43802 SWIL_T1	0	0	0	0	0	0	-0.18	-0.18	1	1	0	600	600	0
1/24/2024 18:52	26401 INOR_T1	0	0	0	0	0	0	0.5	0.48	0	0	0	0	0	0
1/24/2024 18:52	54206 PENN_T2	3	15	12	0.1	0.15	0.05	0	0	0	0	0	0	0	0
1/24/2024 18:52	62604 ENGL_T1	1	1	0	0.1	0	-0.1	-0.51	-0.47	1	1	0	600	600	0
1/24/2024 18:52	54501 ENOL_T2	0	0	0	0	0	0	0.14	0.29	0	0	0	0	0	0
1/24/2024 18:52	52501 PROG_T1	0	0	0	0	0	0	0.43	0.34	1	1	0	300	300	0
1/24/2024 18:52	56803 BENV_T1	0	1	1	0	0	0	0	0	0	0	0	0	0	0
1/24/2024 18:52	59101 WALK_T2	0	0	0	0	0	0	1.24	1.22	1	1	0	450	450	0
1/24/2024 18:52	53903 HALI_T2	2	2	0	1.25	1.45	0.2	0	0	0	0	0	0	0	0
1/24/2024 18:52	17802 GILB_T1	0	0	0	0	0	0	0.25	0.24	0	0	0	0	0	0
1/24/2024 18:52	56802 BENV_T2	1	1	0	0.4	0.4	0	-1.16	-1.27	0	0	0	0	0	0
1/24/2024 18:52	41801 GOCI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1/24/2024 18:52	55002 NEWP_T1	3	6	3	0.57	0.57	0	-0.22	-0.23	0	0	0	0	0	0
1/24/2024 18:52	25603 ARRO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1/24/2024 18:53	54505 ENOL_T2	1	1	0	0.6	0.8	0.2	0	0	0	0	0	0	0	0
1/24/2024 18:53	17002 RIRO_T2	0	0	0	0	0	0	0.43	0.43	0	0	0	0	0	0
1/24/2024 18:53	57304 MOAI_T2	0	0	0	0	0	0	-0.24	-0.3	0	0	0	0	0	0
1/24/2024 18:53	60701 BREC_T1	0	5	5	0	0.1	0.1	-0.47	-0.45	1	1	0	600	600	0
1/24/2024 18:53	40502 CRES_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1/24/2024 18:53	59301 MCAL_T1	2	2	0	1.3	0.95	-0.35	0	0	0	0	0	0	0	0
1/24/2024 18:53	45902 AUBU_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1/24/2024 18:53	16302 ALPA_T2	1	1	0	0.1	0	-0.1	0.68	0.7	0	0	0	0	0	0
1/24/2024 18:54	47101 MARL_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1/24/2024 18:54	11104 EGYP_T1	0	0	0	0	0	0	0.36	0.38	0	0	0	0	0	0
1/24/2024 18:54	66504 SMAN_T2	16	1	-15	0.11	0.1	-0.01	-2.56	-2.6	2	2	0	2400	2400	0
1/24/2024 18:54	67502 WEWI_T2	0	0	0	0	0	0	-1.35	-1.32	1	1	0	900	900	0
1/24/2024 18:54	59101 WALK_T2	0	0	0	0	0	0	2.43	2.17	2	2	0	900	900	0
1/24/2024 18:54	45501 DERR_T2	3	7	4	0.6	0.25	-0.35	0.77	0.87	2	2	0	1800	1800	0
1/24/2024 18:54	54502 ENOL_T2	0	0	0	0	0	0	-1.16	-1.15	1	1	0	600	600	0
1/24/2024 18:54	56803 BENV_T1	0	1	1	0	0	0	0	0	0	0	0	0	0	0
1/24/2024 18:54	40101 HUNT_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1/24/2024 18:54	54206 PENN_T2	3	15	12	0.1	0.15	0.05	0	-0.03	0	0	0	0	0	0
1/24/2024 18:54	60801 BUCK_T1	0	0	0	0	0	0	-0.78	-0.82	1	1	0	600	600	0
1/24/2024 18:54	44301 BEAV_T2	0	1	1	0	0	0	0.03	-0.14	1	1	0	600	600	0
1/24/2024 18:54	60701 BREC_T1	0	5	5	0	0.1	0.1	-0.45	-0.47	1	1	0	600	600	0
1/24/2024 18:54	56802 BENV_T2	1	1	0	0.4	0.4	0	-1.27	-1.14	0	0	0	0	0	0
1/24/2024 18:54	56501 ROCK_T2	4	4	0	0.2	0.17	-0.03	-1.39	-1.37	0	0	0	0	0	0
1/24/2024 18:55	56801 BENV_T1	16	27	11	0.48	0.46	-0.02	-0.6	-0.6	1	1	0	600	600	0
1/24/2024 18:55	64101 REFR_T1	0	0	0	0	0	0	0.01	-0.01	0	0	0	0	0	0
1/24/2024 18:55	27502 WEIS_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1/24/2024 18:55	64902 MILL_T2	0	0	0	0	0	0	-0.7	-0.7	1	1	0	900	900	0
1/24/2024 18:55	45501 DERR_T2	3	7	4	0.6	0.25	-0.35	0.77	0.87	2	2	0	1800	1800	0
1/24/2024 18:55	53601 DALM_T2	0	1	1	0	0.5	0.5	0.14	-0.06	0	0	0	0	0	0
1/24/2024 18:55	47101 MARL_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1/24/2024 18:55	40502 CRES_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1/24/2024 18:55	67503 WEWI_T2	0	0	0	0	0	0	0.05	0.03	0	0	0	0	0	0
1/24/2024 18:55	43801 SWIL_T1	2	5	3	3.25	1.26	-1.99	0	0	0	0	0	0	0	0
1/24/2024 18:55	61101 BERK_T5	0	0	0	0	0	0	-0.93	-0.94	0	0	0	0	0	0
1/24/2024 18:55	67001 STHI_T2	18	342	324	0.17	0.18	0.01	0.14	0.12	0	0	0	0	0	0
1/24/2024 18:55	67502 WEWI_T2	0	0	0	0	0	0	-1.35	-1.32	1	1	0	900	900	0
1/24/2024 18:55	67002 STHI_T2	6	74	68	0.15	0.2	0.05	0.64	0.63	0	0	0	0	0	0
1/24/2024 18:55	64702 LITI_T2	0	0	0	0	0	0	-0.65	-0.72	0	0	0	0	0	0
1/24/2024 18:55	47401 PENS_T1	0	0	0	0	0	0	0.8	0.83	0	0	0	0	0	0
1/24/2024 18:55	56802 BENV_T2	1	1	0	0.4	0.4	0	-0.63	-0.57	0	0	0	0	0	0
1/24/2024 18:56	17805 GILB_T2	0	0	0	0	0	0	-0.77	-0.82	0	0	0	0	0	0
1/24/2024 18:56	57403 SPAN_T1	0	0	0	0	0	0	0.12	0.14	0	0	0	0	0	0
1/24/2024 18:56	67502 WEWI_T2	0	0	0	0	0	0	-1.35	-1.32	1	1	0	900	900	0
1/24/2024 18:56	45902 AUBU_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1/24/2024 18:56	53501 EVIL_T2	1	1	0	0.4	0.4	0	-0.78	-0.69	1	1	0	600	600	0
1/24/2024 18:56	64101 REFR_T1	0	0	0	0	0	0	0.01	-0.01	0	0	0	0	0	0
1/24/2024 18:56	57401 SPAN_T1	0	0	0	0	0	0	-0.68	-0.65	1	1	0	600	600	0
1/24/2024 18:56	29401 BELT_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1/24/2024 18:56	66501 SMAN_T2	3	2	-1	0.1	0.1	0	0	0	0	0	0	0	0	0
1/24/2024 18:56	64801 MONE_T2	0	0	0	0	0	0	-0.24	-0.26	0	0	0	0	0	0
1/24/2024 18:56	54503 ENOL_T2	0	0	0	0	0	0	-1.69	-1.74	1	1	0	600	600	0
1/24/2024 18:56	45501 DERR_T2	3	7	4	0.6	0.25	-0.35	0.77	0.87	2	2	0	1800	1800	0
1/24/2024 18:56	58402 MORO_T1	0	0	0	0	0	0	-0.81	-0.82	3	3	0	2400	2400	0
1/24/2024 18:56	56802 BENV_T2	1	1	0	0.4	0.4	0	-2.53	-2.28	0	0	0	0	0	0
1/24/2024 18:56	40502 CRES_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1/24/2024 18:56	56504 ROCK_T2	0	0	0	0	0	0	-0.12	-0.03	0	0	0	0	0	0
1/24/2024 18:56	16402 MOPO_T1	3	2	-1	0.27	0	-0.27	0.23	0.23	0	0	0	0	0	0
1/24/2024 18:56	20403 ASHF_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1/24/2024 18:56	40101 HUNT_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1/24/2024 18:57	67503 WEWI_T2	0	0	0	0	0	0	0.05	0.03	0	0	0	0	0	0
1/24/2024 18:57	20403 ASHF_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1/24/2024 18:57	65002 NEFF_T2	0	1	1	0	0	0	0	0	0	0	0	0	0	0
1/24/2024 18:57	54505 ENOL_T2	1	1	0	0.6	0.8	0.2	-1.23	-1.18	1	1	0	600	600	0
1/24/2024 18:57	65901 SAKR_T2	1	1	0	8.7	9	0.3	-1.3	-1.23	1	1	0	900	900	0
1/24/2024 18:57	67001 STHI_T2	18	342	324	0.17	0.18	0.01	0.14	0.12	0	0	0	0	0	0
1/24/2024 18:57	16302 ALPA_T2	1	1	0	0.1	0	-0.1	0.7	0.68	0	0	0	0	0	0
1/24/2024 18:57	56802 BENV_T2	1	1	0	0.4	0.4	0	-1.27	-1.14	0	0	0	0	0	0
1/24/2024 18:57	44301 BEAV_T2	0	1	1	0	0	0	0.03	-0.14	1	1	0	600	600	0
1/24/2024 18:57	53901 HALI_T2	148	158	10	0.73	0.81	0.08	-2.82	-2.78	0	0	0	0	0	0
1/24/2024 18:57	46903 MNTG_T2	20	20	0	0.13	0.13	0	-0.36	-0.23	1	1	0	600	600	0
1/24/2024 18:57	45501 DERR_T2	3	7	4	0.6	0.25	-0.35	0.77	0.87	2	2	0	1800	1800	0
1/24/2024 18:57	40502 CRES_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1/24/2024 18:57	53501 EVIL_T2	1	1	0	0.4	0.4	0	-0.78	-0.69	1	1	0	600	600	0
1/24/2024 18:58	16101 BING_T2	123	133	10	0.89	0.96	0.07	-0.35	-0.39	0	0	0	0	0	0
1/24/2024 18:58	64702 LITI_T2	0	0	0	0	0	0	-0.65	-0.72	0	0	0	0	0	0
1/24/2024 18:58	10801 CHHI_T1	0	0	0	0	0	0	-0.83	-0.84	1	1	0	900	900	0
1/24/2024 18:58	47101 MARL_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1/24/2024 18:58	67002 STHI_T2	6	74	68	0.15	0.2	0.05	0.64	0.63	0	0	0	0	0	0
1/24/2024 18:58	59101 WALK_T2	0	0	0	0	0	0	1.22	1.08	1	1	0	450	450	0
1/24/2024 18:58	40502 CRES_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1/24/2024 18:58	40101 HUNT_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1/24/2024 18:58	45902 AUBU_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1/24/2024 18:58	10705 CATA_T2	0	0	0	0	0	0	-0.8	-0.78	1	1	0	900	900	0
1/24/2024 18:58	46901 MNTG_T2	0	0	0	0	0	0	1.34	1.34	0	0	0	0	0	0
1/24/2024 18:58	13302 ORHI_T2	0	0	0	0	0	0	1.17	1.11	0	0	0	0	0	0
1/24/2024 18:58	47401 PENS_T1	0	0	0	0	0	0	0.8	0.83	0	0	0	0	0	0
1/24/2024 18:58	67605 WARW_T1	0	0	0	0	0	0	-0.99	-0.95	0	0	0	0	0	0
1/24/2024 18:58	46801 HEPB_T2	0	0	0	0	0	0	0.67	0.64	0	0	0	0	0	0
1/24/2024 18:58	39601 LNFD_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1/24/2024 18:58	65901 SAKR_T2	1	1	0	8.7	9	0.3	-1.3	-1.23	1	1	0	900	900	0
1/24/2024 18:59	47101 MARL_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1/24/2024 18:59	40502 CRES_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1/24/2024 18:59	52102 MEIS_T1	10	19	9	0.21	0.2	-0.01	0	0	1	1	0	450	450	0
1/24/2024 18:59	54202 PENN_T2	0	12	12	0	0.11	0.11	0	0	0	0	0	0	0	0
1/24/2024 18:59	67502 WEWI_T2	0	0	0	0	0	0	-1.35	-1.32	1	1	0	900	900	0
1/24/2024 18:59	47401 PENS_T1	0	0	0	0	0	0	0.8	0.83	0	0	0	0	0	0
1/24/2024 18:59	65003 NEFF_T2	0	10	10	0	0.14	0.14	0	0	0	0	0	0	0	0
1/24/2024 18:59	45702 LIND_T2	1	1	0	0.5	1	0.5	-0.53	-0.53	0	0	0	0	0	0
1/24/2024 18:59	60101 COCA_T1	0	0	0	0	0	0	0.33	0.34	0	0	0	0	0	0
1/24/2024 18:59	53501 EVIL_T2	1	1	0	0.4	0.4	0	-0.78	-0.69	1	1	0	600	600	0
1/24/2024 18:59	53903 HALI_T2	2	2	0	1.25	1.45	0.2	0	0	0	0	0	0	0	0
1/24/2024 18:59	45501 DERR_T2	3	7	4	0.6	0.25	-0.35	0.77	0.87	2	2	0	1800	1800	0
1/24/2024 18:59	45802 HEGI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1/24/2024 19:00	66901 SHIL_T2	10	49	39	0.1	0.17	0.07	-1.66	-1.68	1	1	0	1200	1200	0
1/24/2024 19:00	10805 CHHI_T2	6	10	4	1.55	8	6.45	-0.23	-0.2	0	0	0	0	0	0
1/24/2024 19:00	53901 HALI_T2	135	159	24	0.61	0.81	0.2	0	0	0	0	0	0	0	0
1/24/2024 19:00	67001 STHI_T2	110	347	237	0.12	0.18	0.06	0.14	0.12	0	0	0	0	0	0
1/24/2024 19:00	43001 ALWD_T1	6	9	3	0.12	0.18	0.06	0	0	0	0	0	0	0	0
1/24/2024 19:00	16302 ALPA_T2	0	6	6	0	0.1	0.1	0.7	0.68	0	0	0	0	0	0
1/24/2024 19:00	44301 BEAV_T2	0	1	1	0	0	0	0.03	-0.14	1	1	0	600	600	0
1/24/2024 19:00	46206 DANV_T2	0	0	0	0	0	0	2.61	2.56	1	1	0	1200	1200	0
1/24/2024 19:00	67502 WEWI_T2	0	0	0	0	0	0	-1.35	-1.32	1	1	0	900	900	0
1/24/2024 19:00	40101 HUNT_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1/24/2024 19:00	62606 ENGL_T1	3	3	0	0.3	0	-0.3	0	0	0	0	0	0	0	0
1/24/2024 19:00	52102 MEIS_T1	19	7	-12	0.2	0.16	-0.04	0	0	1	1	0	450	450	0
1/24/2024 19:00	40502 CRES_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1/24/2024 19:01	53903 HALI_T2	2	2	0	1.05	1.45	0.4	0	0	0	0	0	0	0	0
1/24/2024 19:01	40502 CRES_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1/24/2024 19:01	44301 BEAV_T2	0	1	1	0	0	0	0.03	-0.14	1	1	0	600	600	0
1/24/2024 19:01	46004 BERW_T2	0	0	0	0	0	0	-0.67	-0.66	0	0	0	0	0	0
1/24/2024 19:02	67605 WARW_T1	0	0	0	0	0	0	-0.99	-0.95	0	0	0	0	0	0
1/24/2024 19:02	46903 MNTG_T2	19	0	-19	0.13	0	-0.13	-0.36	-0.23	1	1	0	600	600	0
1/24/2024 19:02	14403 SSLA_T1	0	0	0	0	0	0	0.85	0.83	0	0	0	0	0	0
1/24/2024 19:02	44601 SALE_T2	0	0	0	0	0	0	-0.08	-0.08	0	0	0	0	0	0
1/24/2024 19:02	60201 ATGL_T2	0	0	0	0	0	0	0.23	0.2	1	1	0	300	300	0
1/24/2024 19:02	40602 PIGR_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1/24/2024 19:02	47401 PENS_T1	0	0	0	0	0	0	1.6	1.66	0	0	0	0	0	0
1/24/2024 19:02	59101 WALK_T2	0	0	0	0	0	0	1.22	1.08	1	1	0	450	450	0
1/24/2024 19:02	11104 EGYP_T1	0	0	0	0	0	0	0.36	0.38	0	0	0	0	0	0
1/24/2024 19:03	57401 SPAN_T1	0	0	0	0	0	0	-0.68	-0.65	1	1	0	600	600	0
1/24/2024 19:03	67605 WARW_T1	0	0	0	0	0	0	-0.99	-0.95	0	0	0	0	0	0
1/24/2024 19:03	42902 MIDD_T2	13	2	-11	0.41	0	-0.41	0	0	0	0	0	0	0	0
1/24/2024 19:03	52102 MEIS_T1	19	7	-12	0.2	0.16	-0.04	0	0	1	1	0	450	450	0
1/24/2024 19:03	41801 GOCI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1/24/2024 19:03	42201 SHEN_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1/24/2024 19:03	16302 ALPA_T2	0	6	6	0	0.1	0.1	0.7	0.68	0	0	0	0	0	0
1/24/2024 19:03	44301 BEAV_T2	0	1	1	0	0	0	0.03	-0.14	1	1	0	600	600	0
1/24/2024 19:03	64101 REFR_T1	0	1	1	0	0	0	0.01	-0.01	0	0	0	0	0	0
1/24/2024 19:03	47101 MARL_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1/24/2024 19:03	46004 BERW_T2	0	0	0	0	0	0	-0.67	-0.66	0	0	0	0	0	0
1/24/2024 19:04	43201 MVIL_T2	0	0	0	0	0	0	-1.28	-1.32	0	0	0	0	0	0
1/24/2024 19:04	27502 WEIS_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1/24/2024 19:04	46302 ROHR_T1	2	6	4	2	0.5	-1.5	0.2	0.22	0	0	0	0	0	0
1/24/2024 19:04	67001 STHI_T2	110	347	237	0.12	0.18	0.06	0	0	0	0	0	0	0	0
1/24/2024 19:04	46903 MNTG_T2	19	0	-19	0.13	0	-0.13	-0.36	-0.23	1	1	0	600	600	0
1/24/2024 19:04	64101 REFR_T1	0	1	1	0	0	0	0.01	-0.01	0	0	0	0	0	0
1/24/2024 19:04	53901 HALI_T2	135	159	24	0.61	0.81	0.2	0	0	0	0	0	0	0	0
1/24/2024 19:04	28604 BLYT_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1/24/2024 19:04	63401 HONY_T1	0	0	0	0	0	0	-0.12	-0.09	1	1	0	600	600	0
1/24/2024 19:05	46206 DANV_T2	0	0	0	0	0	0	2.61	2.56	1	1	0	1200	1200	0
1/24/2024 19:05	20403 ASHF_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1/24/2024 19:05	14403 SSLA_T1	0	0	0	0	0	0	0.85	0.83	0	0	0	0	0	0
1/24/2024 19:05	49803 UNIV_T1	0	0	0	0	0	0	-0.98	-1.01	0	0	0	0	0	0
1/24/2024 19:05	61801 EEU_T2	0	0	0	0	0	0	-0.63	-0.62	0	0	0	0	0	0
1/24/2024 19:05	46206 DANV_T2	0	0	0	0	0	0	2.61	2.56	1	1	0	1200	1200	0
1/24/2024 19:05	60902 DONG_T2	0	0	0	0	0	0	0.42	0.44	0	0	0	0	0	0
1/24/2024 19:05	61306 EARL_T1	0	3	3	0	0.17	0.17	0	0	0	0	0	0	0	0
1/24/2024 19:05

Appendix C - Grid Benefits Achieved in Each Instance of Active Management

1/24/2024 19:11	49803 UNIV_T1	0	0	0	0	0	0	-1.01	-1.07	0	0	0	0	0	0
1/24/2024 19:11	46203 DANV_T2	0	1	1	0	0.7	0.7	0.13	0.11	0	0	0	0	0	0
1/24/2024 19:12	43102 SMIL_T2	5	4	-1	0.34	0.45	0.11	0	0	0	0	0	0	0	0
1/24/2024 19:12	60101 COCA_T1	0	0	0	0	0	0	0.34	0.32	0	0	0	0	0	0
1/24/2024 19:12	46203 DANV_T2	0	1	1	0	0.7	0.7	0.13	0.11	0	0	0	0	0	0
1/24/2024 19:12	60201 ATGL_T2	0	0	0	0	0	0	0.2	0.24	1	1	0	300	300	0
1/24/2024 19:13	67502 WEWI_T2	0	0	0	0	0	0	-1.32	-1.34	1	1	0	900	900	0
1/24/2024 19:13	46203 DANV_T2	0	1	1	0	0.7	0.7	0.13	0.11	0	0	0	0	0	0
1/24/2024 19:14	57401 SPAN_T1	0	0	0	0	0	0	-0.65	-0.67	1	1	0	600	600	0
1/24/2024 19:14	46206 DANV_T2	0	0	0	0	0	0	2.56	2.58	1	1	0	1200	1200	0
1/24/2024 19:15	66703 STRA_T1	1	1	0	0.4	0.5	0.1	-0.23	-0.28	0	0	0	0	0	0
1/24/2024 19:25	65001 NEFF_T2	0	0	0	0	0	0	-0.8	-0.82	1	1	0	1200	1200	0
1/24/2024 19:31	65003 NEFF_T2	4	3	-1	0.1	0.17	0.07	0	0	0	0	0	0	0	0
1/24/2024 19:37	24902 WHHA_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1/24/2024 20:02	65001 NEFF_T2	0	0	0	0	0	0	-0.86	-0.82	1	1	0	1200	1200	0
1/24/2024 20:33	64702 LITI_T2	0	0	0	0	0	0	-0.72	-0.63	0	0	0	0	0	0
1/24/2024 20:38	52102 MEIS_T1	49	16	-33	0.23	0.19	-0.04	0	0	1	1	0	450	450	0
1/24/2024 20:39	65003 NEFF_T2	5	0	-5	0.22	0	-0.22	0	0	0	0	0	0	0	0
1/24/2024 22:18	40902 JESH_T1	6	11	5	0.23	0.16	-0.07	-0.83	-0.87	0	0	0	0	0	0
1/24/2024 22:23	65001 NEFF_T2	0	0	0	0	0	0	-0.99	-0.99	1	1	0	1200	1200	0
1/24/2024 22:55	65001 NEFF_T2	0	0	0	0	0	0	-0.94	-1.02	1	1	0	1200	1200	0
1/24/2024 23:53	65001 NEFF_T2	0	0	0	0	0	0	-1.17	-1.21	1	1	0	1200	1200	0
1/25/2024 1:20	65001 NEFF_T2	0	0	0	0	0	0	-1.18	-1.25	1	1	0	1200	1200	0
1/25/2024 1:57	65001 NEFF_T2	0	12	12	0	0.18	0.18	-1.26	-1.22	1	1	0	1200	1200	0
1/25/2024 2:23	65001 NEFF_T2	12	11	-1	0.18	0.16	-0.02	-1.22	-1.2	1	1	0	1200	1200	0
1/25/2024 3:00	65001 NEFF_T2	14	13	-1	0.18	0.16	-0.02	-1.25	-1.28	1	1	0	1200	1200	0
1/25/2024 3:47	65001 NEFF_T2	9	7	-2	0.13	0.14	0.01	-1.26	-1.18	1	1	0	1200	1200	0
1/25/2024 3:58	65001 NEFF_T2	9	7	-2	0.13	0.14	0.01	-1.18	-1.26	1	1	0	1200	1200	0
1/25/2024 4:08	65001 NEFF_T2	7	5	-2	0.14	0.1	-0.04	-1.18	-1.26	1	1	0	1200	1200	0
1/25/2024 4:18	65001 NEFF_T2	5	0	-5	0.1	0	-0.1	-1.26	-1.17	1	1	0	1200	1200	0
1/25/2024 4:50	65001 NEFF_T2	0	0	0	0	0	0	-1.14	-1.12	1	1	0	1200	1200	0
1/25/2024 5:37	65001 NEFF_T2	0	0	0	0	0	0	-1.08	-1.05	1	1	0	1200	1200	0
1/25/2024 5:48	65001 NEFF_T2	0	0	0	0	0	0	-1.05	-0.97	1	1	0	1200	1200	0
1/25/2024 5:53	65001 NEFF_T2	0	0	0	0	0	0	-1.05	-0.97	1	1	0	1200	1200	0
1/25/2024 6:56	65001 NEFF_T2	0	0	0	0	0	0	-0.69	-0.68	1	1	0	1200	1200	0
1/25/2024 7:53	45501 DERR_T2	3	4	1	0.15	0	-0.15	1.09	1.11	2	2	0	1800	1800	0
1/25/2024 7:55	45502 DERR_T2	1	2	1	0.5	0.4	-0.1	0	0	0	0	0	0	0	0
1/25/2024 8:10	65001 NEFF_T2	0	0	0	0	0	0	-0.51	-0.63	1	1	0	1200	1200	0
1/25/2024 8:19	54203 PENN_T1	348	379	31	0.34	0.36	0.02	0	0	0	0	0	0	0	0
1/25/2024 8:23	56802 BENV_T2	3	3	0	0.37	0.5	0.13	-1.4	-1.35	0	0	0	0	0	0
1/25/2024 8:25	56802 BENV_T2	3	3	0	0.37	0.5	0.13	-1.35	-1.39	0	0	0	0	0	0
1/25/2024 8:33	54205 PENN_T1	94	142	48	0.3	0.29	-0.01	0	0	0	0	0	0	0	0
1/25/2024 8:34	55002 NEWP_T1	6	6	0	0.95	1.02	0.07	-0.21	-0.2	0	0	0	0	0	0
1/25/2024 8:39	45902 AUBU_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1/25/2024 8:40	45902 AUBU_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1/25/2024 8:41	40502 CRES_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1/25/2024 8:44	40502 CRES_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1/25/2024 8:46	65001 NEFF_T2	0	0	0	0	0	0	-0.55	-0.53	1	1	0	1200	1200	0
1/25/2024 9:00	67503 WEWI_T2	0	0	0	0	0	0	0	-0.01	0	0	0	0	0	0
1/25/2024 9:00	16101 BNG_T2	0	0	0	0	0	0	0.48	0.47	0	0	0	0	0	0
1/25/2024 9:00	43301 WATS_T2	0	1	1	0	0	0	0	0	0	0	0	0	0	0
1/25/2024 9:00	42001 MNVL_T2	0	0	0	0	0	0	0.09	0.08	0	0	0	0	0	0
1/25/2024 9:00	53903 HALI_T2	2	2	0	1.25	1.3	0.05	-0.13	-0.13	0	0	0	0	0	0
1/25/2024 9:00	60101 COCA_T1	0	0	0	0	0	0	0.4	0.35	0	0	0	0	0	0
1/25/2024 9:00	55002 NEWP_T1	6	6	0	1.02	1.12	0.1	-0.94	-0.84	0	0	0	0	0	0
1/25/2024 9:00	40502 CRES_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1/25/2024 9:00	41902 REED_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1/25/2024 9:00	65001 NEFF_T2	0	0	0	0	0	0	-0.53	-0.45	1	1	0	1200	1200	0
1/25/2024 9:00	60701 BREC_T1	0	0	0	0	0	0	-0.32	-0.32	2	2	0	1200	1200	0
1/25/2024 9:00	60803 BUCK_T1	3	6	3	0.13	0.2	0.07	0	0	0	0	0	0	0	0
1/25/2024 9:00	23401 HONE_T2	0	0	0	0	0	0	-0.19	-0.18	0	0	0	0	0	0
1/25/2024 9:00	43001 ALWD_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1/25/2024 9:00	57403 SPAN_T1	0	0	0	0	0	0	0.12	0.08	0	0	0	0	0	0
1/25/2024 9:00	40505 CRES_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1/25/2024 9:00	58402 MORO_T1	0	0	0	0	0	0	-1.88	-1.79	6	6	0	4800	4800	0
1/25/2024 9:06	42903 MIDD_T2	0	0	0	0	0	0	0.55	0.6	1	1	0	1200	1200	0
1/25/2024 9:06	43001 ALWD_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1/25/2024 9:07	57401 SPAN_T1	0	0	0	0	0	0	-1.04	-1.09	1	1	0	600	600	0
1/25/2024 9:07	44201 POIN_T1	0	0	0	0	0	0	-1.02	-2.27	2	2	0	2100	2100	0
1/25/2024 9:07	46004 BERW_T2	0	0	0	0	0	0	-0.64	-0.61	0	0	0	0	0	0
1/25/2024 9:07	58402 MORO_T1	0	0	0	0	0	0	-0.94	-0.9	3	3	0	2400	2400	0
1/25/2024 9:07	47101 MARL_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1/25/2024 9:08	27502 WEIS_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1/25/2024 9:08	53501 EVIL_T2	4	8	4	0.63	0.71	0.08	-0.98	-1.15	2	2	0	1200	1200	0
1/25/2024 9:08	67402 WAKE_T2	0	0	0	0	0	0	0.49	0.46	1	1	0	600	600	0
1/25/2024 9:09	45501 DERR_T2	1	4	3	0	0	0	0.86	1.01	2	2	0	1800	1800	0
1/25/2024 9:09	67201 TEHI_T1	1	0	-1	0.5	0	-0.5	0	0	0	0	0	0	0	0
1/25/2024 9:10	46206 DANV_T2	0	4	4	0	0	0	2.21	2.14	1	1	0	1200	1200	0
1/25/2024 9:11	46206 DANV_T2	0	4	4	0	0	0	2.21	2.14	1	1	0	1200	1200	0
1/25/2024 9:12	45501 DERR_T2	1	4	3	0	0	0	0.86	1.01	2	2	0	1800	1800	0
1/25/2024 9:12	46206 DANV_T2	0	4	4	0	0	0	2.21	2.14	1	1	0	1200	1200	0
1/25/2024 9:12	53903 HALI_T2	2	2	0	1.25	1.3	0.05	0	0	0	0	0	0	0	0
1/25/2024 9:13	43801 SWIL_T1	15	22	7	0.45	0.41	-0.04	0	0	0	0	0	0	0	0
1/25/2024 9:16	53903 HALI_T2	2	2	0	1.3	1.4	0.1	0	0	0	0	0	0	0	0
1/25/2024 9:17	54205 PENN_T1	100	111	11	0.35	0.44	0.09	0	0	0	0	0	0	0	0
1/25/2024 9:17	52102 MEIS_T1	0	0	0	0	0	0	0	0	1	1	0	450	450	0
1/25/2024 9:19	54203 PENN_T1	371	400	29	0.36	0.42	0.06	0	0	0	0	0	0	0	0
1/25/2024 9:23	59101 WALK_T2	0	1	1	0	0	0	2.35	2.58	0	0	0	0	0	0
1/25/2024 9:23	56802 BENV_T2	3	4	1	0.47	0.45	-0.02	-1.38	-1.38	0	0	0	0	0	0
1/25/2024 9:24	59101 WALK_T2	0	1	1	0	0	0	2.58	1.95	0	0	0	0	0	0
1/25/2024 9:26	59101 WALK_T2	0	1	1	0	0	0	2.58	1.95	0	0	0	0	0	0
1/25/2024 9:26	56802 BENV_T2	3	4	1	0.47	0.45	-0.02	-1.38	-1.4	0	0	0	0	0	0
1/25/2024 9:28	41801 GOCI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1/25/2024 9:28	28604 BLYT_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1/25/2024 9:29	41801 GOCI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1/25/2024 9:30	47001 HUGH_T2	0	0	0	0	0	0	-0.67	-0.69	0	0	0	0	0	0
1/25/2024 9:31	42001 MNVL_T2	0	0	0	0	0	0	0.06	0.04	0	0	0	0	0	0
1/25/2024 9:31	47001 HUGH_T2	0	0	0	0	0	0	-0.67	-0.69	0	0	0	0	0	0
1/25/2024 9:32	55002 NEWP_T1	6	6	0	0.8	0.73	-0.07	-0.22	-0.21	0	0	0	0	0	0
1/25/2024 9:35	56501 ROCK_T2	6	10	4	0.23	0.2	-0.03	-1.46	-1.45	0	0	0	0	0	0
1/25/2024 9:36	67204 TEHI_T2	0	0	0	0	0	0	-0.09	-0.09	0	0	0	0	0	0
1/25/2024 9:36	56501 ROCK_T2	6	10	4	0.23	0.2	-0.03	-1.46	-1.45	0	0	0	0	0	0
1/25/2024 9:37	45902 AUBU_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1/25/2024 9:37	46001 BERW_T1	0	0	0	0	0	0	1	1.2	0	0	0	0	0	0
1/25/2024 9:37	16302 ALPA_T2	0	0	0	0	0	0	-1.25	-1.2	0	0	0	0	0	0
1/25/2024 9:38	45902 AUBU_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1/25/2024 9:38	67204 TEHI_T2	0	0	0	0	0	0	-0.09	-0.09	0	0	0	0	0	0
1/25/2024 9:38	56802 BENV_T2	4	3	-1	0.38	0.5	0.12	-2.76	-2.8	0	0	0	0	0	0
1/25/2024 9:38	29402 BELT_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1/25/2024 9:39	16302 ALPA_T2	0	0	0	0	0	0	-0.6	-0.58	0	0	0	0	0	0
1/25/2024 9:40	10801 CHHI_T1	0	0	0	0	0	0	-0.86	-0.79	1	1	0	900	900	0
1/25/2024 9:41	46001 BERW_T1	0	0	0	0	0	0	1.2	1.05	0	0	0	0	0	0
1/25/2024 9:41	16302 ALPA_T2	0	0	0	0	0	0	-0.6	-0.58	0	0	0	0	0	0
1/25/2024 9:41	45901 AUBU_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1/25/2024 9:41	56802 BENV_T2	4	3	-1	0.38	0.5	0.12	-7.01	-6.9	0	0	0	0	0	0
1/25/2024 9:42	56802 BENV_T2	4	3	-1	0.38	0.5	0.12	-1.4	-1.38	0	0	0	0	0	0
1/25/2024 9:43	56802 BENV_T2	4	3	-1	0.38	0.5	0.12	-1.4	-1.38	0	0	0	0	0	0
1/25/2024 9:43	26401 INOR_T1	0	0	0	0	0	0	0.79	0.9	0	0	0	0	0	0
1/25/2024 9:46	56802 BENV_T2	3	16	13	0.5	0.2	-0.3	-1.4	-1.38	0	0	0	0	0	0
1/25/2024 9:46	52101 MEIS_T1	1	1	0	0.5	0.4	-0.1	0	0	0	0	0	0	0	0
1/25/2024 9:48	52101 MEIS_T1	1	1	0	0.5	0.4	-0.1	0	0	0	0	0	0	0	0
1/25/2024 9:48	64101 REFR_T1	0	0	0	0	0	0	-0.04	-0.05	0	0	0	0	0	0
1/25/2024 9:48	46302 ROHR_T1	4	4	0	0.85	0.83	-0.02	0.15	0.15	0	0	0	0	0	0
1/25/2024 9:49	56501 ROCK_T2	10	11	1	0.2	0.22	0.02	-2.89	-2.92	0	0	0	0	0	0
1/25/2024 9:50	46302 ROHR_T1	4	4	0	0.85	0.83	-0.02	0.15	0.15	0	0	0	0	0	0
1/25/2024 9:50	56501 ROCK_T2	10	11	1	0.2	0.22	0.02	-1.45	-1.46	0	0	0	0	0	0
1/25/2024 9:50	64101 REFR_T1	0	0	0	0	0	0	-0.14	-0.18	0	0	0	0	0	0
1/25/2024 9:51	66503 SMAN_T2	0	7	7	0	0.13	0.13	0	0	0	0	0	0	0	0
1/25/2024 9:51	64101 REFR_T1	0	0	0	0	0	0	-0.04	-0.05	0	0	0	0	0	0
1/25/2024 9:52	67502 WEWI_T2	0	0	0	0	0	0	-1.13	-1.11	1	1	0	900	900	0
1/25/2024 9:52	64101 REFR_T1	0	0	0	0	0	0	-0.04	-0.05	0	0	0	0	0	0
1/25/2024 9:53	66503 SMAN_T2	0	7	7	0	0.13	0.13	0	0	0	0	0	0	0	0
1/25/2024 9:53	56501 ROCK_T2	10	11	1	0.2	0.22	0.02	-1.45	-1.46	0	0	0	0	0	0
1/25/2024 9:53	40502 CRES_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1/25/2024 9:54	40502 CRES_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1/25/2024 9:54	67503 WEWI_T2	0	0	0	0	0	0	-0.08	-0.06	0	0	0	0	0	0
1/25/2024 9:54	56501 ROCK_T2	10	11	1	0.2	0.22	0.02	-1.46	-1.47	0	0	0	0	0	0
1/25/2024 9:55	56504 ROCK_T2	0	0	0	0	0	0	-0.22	-0.04	0	0	0	0	0	0
1/25/2024 9:55	11804 FRAN_T1	0	0	0	0	0	0	1.08	1.1	0	0	0	0	0	0
1/25/2024 9:55	44301 BEAV_T2	1	1	0	0.7	0.8	0.1	0.36	0.18	2	2	0	1500	1500	0
1/25/2024 9:55	40502 CRES_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1/25/2024 9:57	60801 BUCK_T1	0	0	0	0	0	0	-0.39	-0.34	1	1	0	600	600	0
1/25/2024 9:57	40502 CRES_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1/25/2024 9:58	40502 CRES_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1/25/2024 10:00	57304 MOAL_T2	0	0	0	0	0	0	-0.38	-0.41	0	0	0	0	0	0
1/25/2024 10:00	45802 HEGI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1/25/2024 10:02	26401 INOR_T1	0	0	0	0	0	0	0.9	0.97	0	0	0	0	0	0
1/25/2024 10:02	55002 NEWP_T1	6	6	0	0.62	1.22	0.6	-0.21	-0.21	0	0	0	0	0	0
1/25/2024 10:04	46301 ROHR_T1	0	2	2	0	4.5	4.5	0	0	0	0	0	0	0	0
1/25/2024 10:04	57401 SPAN_T1	0	0	0	0	0	0	-1.01	-1.03	1	1	0	600	600	0
1/25/2024 10:05	55002 NEWP_T1	6	6	0	0.62	1.22	0.6	-0.21	-0.21	0	0	0	0	0	0
1/25/2024 10:05	57304 MOAL_T2	0	0	0	0	0	0	-0.38	-0.41	0	0	0	0	0	0
1/25/2024 10:05	67201 TEHI_T1	7	6	-1	0.6	0	-0.6	0.67	0.65	1	1	0	600	600	0
1/25/2024 10:05	57401 SPAN_T1	0	0	0	0	0	0	-1.01	-1.03	1	1	0	600	600	0
1/25/2024 10:06	55002 NEWP_T1	6	6	0	0.62	1.22	0.6	-0.42	-0.42	0	0	0	0	0	0
1/25/2024 10:06	46302 ROHR_T1	4	4	0	0.8	0.93	0.13	0.15	0.18	0	0	0	0	0	0
1/25/2024 10:06	40603 PIGR_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1/25/2024 10:06	64101 REFR_T1	0	0	0	0	0	0	-0.05	-0.04	0	0	0	0	0	0
1/25/2024 10:06	67203 TEHI_T1	5	8	3	0.44	0.28	-0.16	2.74	2.88	2	2	0	1200	1200	0
1/25/2024 10:07	56802 BENV_T2	3	74	71	0.43	0.23	-0.2	-1.38	-1.39	0	0	0	0	0	0
1/25/2024 10:07	57401 SPAN_T1	0	0	0	0	0	0	-2.03	-2.06	2	2	0	1200	1200	0
1/25/2024 10:08	56802 BENV_T2	3	74	71	0.43	0.23	-0.2	-1.38	-1.39	0	0	0	0	0	0
1/25/2024 10:08	57401 SPAN_T1	0	0	0	0	0	0	-1.01	-1.03	1	1	0	600	600	0
1/25/2024 10:08	43001 ALWD_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1/25/2024 10:09	46203 DANV_T2	0	0	0	0	0	0	-1.76	-1.87	0	0	0	0	0	0
1/25/2024 10:09	59101 WALK_T2	0	0	0	0	0	0	2.41	1.96	0	0	0	0	0	0
1/25/2024 10:09	56803 BENV_T1	0	1	1	0	0	0	0	0	0	0	0	0	0	0
1/25/2024 10:10	61801 EEU_T2	0	0	0	0	0	0	-0.92	-0.36	1	0	-1	600	0	-600
1/25/2024 10:11	56803 BENV_T1	0	1	1	0	0	0	0	0	0	0	0	0	0	0
1/25/2024 10:11	53501 EVIL_T2	2	2	0	0.2	0.2	0	-1.76	-1.9	4	4	0	2400	2400	0
1/25/2024 10:11	56802 BENV_T2	3	74	71	0.43	0.23	-0.2	-1.39	-1.43	0	0	0	0	0	0
1/25/2024 10:11	29402 BELT_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1/25/2024 10:12	56802 BENV_T2	3	74	71	0.43	0.23	-0.2	-1.39	-1.43	0	0	0	0	0	0
1/25/2024 10:12	46203 DANV_T2	0	0	0	0	0	0	-0.88	-0.94	0	0	0	0	0	0
1/25/2024 10:12	49803 UNIV_T1	0	0	0	0	0	0	-1.09	-1.07	0	0	0	0	0	0
1/25/2024 10:13	56802 BENV_T2	3	74	71	0.43	0.23	-0.2	-1.39	-1.43	0	0	0	0	0	0
1/25/2024 10:14	53502 EVIL_T2	1	0	-1	0.8	0	-0.8	0	0	0	0	0	0	0	0
1/25/2024 10:15	67605 WARW_T1	2	5	3	0.1	0.14	0.04	-1.33	-1.32	0	0	0	0	0	0
1/25/2024 10:15	63404 HONY_T1	2	2	0	6.8	6.85	0.05	0	0	0	0

Appendix C - Grid Benefits Achieved in Each Instance of Active Management

1/25/2024 10:31	17802 GILB_T1	0	0	0	0	0	0	0.44	0.4	0	0	0	0	0	0
1/25/2024 10:32	26402 INOR_T1	0	0	0	0	0	0	-1.01	-1	1	1	0	600	600	0
1/25/2024 10:33	16402 MOPO_T1	0	0	0	0	0	0	0.12	0.07	0	0	0	0	0	0
1/25/2024 10:34	14401 SSLA_T1	40	51	11	0.15	0.16	0.01	0	0	0	0	0	0	0	0
1/25/2024 10:34	16402 MOPO_T1	0	0	0	0	0	0	0.12	0.07	0	0	0	0	0	0
1/25/2024 10:34	64101 REFR_T1	0	0	0	0	0	0	-0.05	-0.05	0	0	0	0	0	0
1/25/2024 10:35	13302 ORVI_T2	0	0	0	0	0	0	1.08	1.12	0	0	0	0	0	0
1/25/2024 10:35	55001 NEWP_T1	0	2	2	0	0.6	0.6	0	0	0	0	0	0	0	0
1/25/2024 10:36	56501 ROCK_T2	11	20	9	0.19	0.19	0	0	0	0	0	0	0	0	0
1/25/2024 10:37	10805 CHHI_T2	1	1	0	7.3	7.4	0.1	-0.57	-0.51	1	1	0	600	600	0
1/25/2024 10:37	45402 WBLO_T2	0	1	1	0	0.9	0.9	-0.76	-0.65	0	0	0	0	0	0
1/25/2024 10:37	26402 INOR_T1	0	0	0	0	0	0	-1.01	-1	1	1	0	600	600	0
1/25/2024 10:38	67503 WEWI_T2	0	0	0	0	0	0	-0.08	-0.02	0	0	0	0	0	0
1/25/2024 10:38	64101 REFR_T1	0	0	0	0	0	0	-0.05	-0.05	0	0	0	0	0	0
1/25/2024 10:39	20403 ASHF_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1/25/2024 10:40	60803 BUCK_T1	0	4	4	0	0.1	0.1	-1.22	-1.22	1	1	0	600	600	0
1/25/2024 10:40	43001 ALWD_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1/25/2024 10:40	20403 ASHF_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1/25/2024 10:40	45501 DERR_T2	1	1	0	0	0	0	0.95	0.91	2	2	0	1800	1800	0
1/25/2024 10:41	10805 CHHI_T2	1	1	0	7.3	7.4	0.1	-0.51	-0.56	1	1	0	600	600	0
1/25/2024 10:41	60803 BUCK_T1	0	4	4	0	0.1	0.1	-2.44	-2.44	2	2	0	1200	1200	0
1/25/2024 10:41	20403 ASHF_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1/25/2024 10:41	54505 ENOL_T2	1	1	0	0.8	0.8	0	0	0	0	0	0	0	0	0
1/25/2024 10:41	15001 BLMO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1/25/2024 10:42	54502 ENOL_T2	1	1	0	0.4	0.6	0.2	-1.17	-1.17	1	1	0	600	600	0
1/25/2024 10:42	54503 ENOL_T2	0	0	0	0	0	0	-1.9	-1.87	1	1	0	600	600	0
1/25/2024 10:42	54502 ENOL_T2	1	1	0	0.4	0.6	0.2	-1.17	-1.17	1	1	0	600	600	0
1/25/2024 10:42	45501 DERR_T2	1	1	0	0	0	0	0.95	0.91	2	2	0	1800	1800	0
1/25/2024 10:43	54505 ENOL_T2	0	0	0	0.8	0.8	0	0	0	0	0	0	0	0	0
1/25/2024 10:44	54503 ENOL_T2	0	0	0	0	0	0	-3.8	-3.74	2	2	0	1200	1200	0
1/25/2024 10:44	46203 DANV_T2	0	0	0	0	0	0	-0.91	-0.83	0	0	0	0	0	0
1/25/2024 10:45	26401 INOR_T1	0	0	0	0	0	0	0.87	0.89	0	0	0	0	0	0
1/25/2024 10:46	43001 ALWD_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1/25/2024 10:48	65901 SAKR_T2	1	1	0	8.8	8.7	-0.1	-2.2	-2.23	2	2	0	1800	1800	0
1/25/2024 10:50	65001 NEFF_T2	0	0	0	0	0	0	-0.35	-0.51	1	1	0	1200	1200	0
1/25/2024 10:51	55001 NEWP_T1	1	1	0	0.6	0.7	0.1	0	0	0	0	0	0	0	0
1/25/2024 10:51	43001 ALWD_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1/25/2024 10:51	65001 NEFF_T2	0	0	0	0	0	0	-0.35	-0.51	1	1	0	1200	1200	0
1/25/2024 10:52	44901 SCOT_T2	0	0	0	0	0	0	0.18	0.09	0	0	0	0	0	0
1/25/2024 10:52	40602 PIGR_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1/25/2024 10:52	46004 BERW_T2	0	0	0	0	0	0	-0.6	-0.6	0	0	0	0	0	0
1/25/2024 10:52	67605 WARW_T1	5	13	8	0.14	0.24	0.1	-1.36	-1.29	0	0	0	0	0	0
1/25/2024 10:53	59101 WALK_T2	0	0	0	0	0	0	1.71	1.92	0	0	0	0	0	0
1/25/2024 10:53	67605 WARW_T1	5	13	8	0.14	0.24	0.1	-1.36	-1.29	0	0	0	0	0	0
1/25/2024 10:54	65901 SAKR_T2	1	1	0	8.8	8.7	-0.1	-1.12	-1.14	1	1	0	900	900	0
1/25/2024 10:54	51107 CARL_T1	0	0	0	0	0	0	0.43	0.28	0	0	0	0	0	0
1/25/2024 10:55	44904 SCOT_T1	0	0	0	0	0	0	1	0.88	0	0	0	0	0	0
1/25/2024 10:55	44901 SCOT_T2	0	0	0	0	0	0	0.09	0.3	0	0	0	0	0	0
1/25/2024 10:55	27502 WEIS_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1/25/2024 10:56	60201 ATGL_T2	0	0	0	0	0	0	0.02	-0.04	1	1	0	600	600	0
1/25/2024 10:56	43001 ALWD_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1/25/2024 10:57	46004 BERW_T2	0	0	0	0	0	0	-0.6	-0.58	0	0	0	0	0	0
1/25/2024 10:57	51108 CARL_T1	1	0	-1	0.3	0	-0.3	0	0	0	0	0	0	0	0
1/25/2024 10:57	17802 GILB_T1	0	0	0	0	0	0	0.24	0.19	0	0	0	0	0	0
1/25/2024 11:00	52006 LING_T2	3	3	0	0.47	0.63	0.16	0	0	0	0	0	0	0	0
1/25/2024 11:00	17804 GILB_T2	0	0	0	0	0	0	-0.57	-0.56	0	0	0	0	0	0
1/25/2024 11:01	17802 GILB_T1	0	1	1	0	0.2	0.2	0.24	0.19	0	0	0	0	0	0
1/25/2024 11:01	40103 HUNT_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1/25/2024 11:01	47802 MOCA_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1/25/2024 11:02	64202 KINZ_T1	2	2	0	0.25	0.5	0.25	0	0	0	0	0	0	0	0
1/25/2024 11:03	59302 MCAL_T1	0	0	0	0	0	0	-0.06	-0.13	1	1	0	600	600	0
1/25/2024 11:03	64902 MILL_T2	0	0	0	0	0	0	-0.75	-0.75	1	1	0	900	900	0
1/25/2024 11:06	65001 NEFF_T2	0	0	0	0	0	0	-0.51	-0.46	1	1	0	1200	1200	0
1/25/2024 11:06	59101 WALK_T2	0	0	0	0	0	0	1.92	2.25	0	0	0	0	0	0
1/25/2024 11:07	43001 ALWD_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1/25/2024 11:08	55105 WERT_T1	0	0	0	0	0	0	-0.6	-0.61	1	1	0	900	900	0
1/25/2024 11:08	66703 STRA_T1	0	0	0	0	0	0	-0.09	-0.12	0	0	0	0	0	0
1/25/2024 11:08	67402 WAKE_T2	0	0	0	0	0	0	0.46	0.44	1	1	0	600	600	0
1/25/2024 11:08	44301 BEAV_T2	1	1	0	1.1	1.4	0.3	1.59	1.87	4	4	0	3000	3000	0
1/25/2024 11:09	67402 WAKE_T2	0	0	0	0	0	0	0.44	0.44	1	1	0	600	600	0
1/25/2024 11:09	44301 BEAV_T2	1	1	0	1.1	1.4	0.3	1.59	1.87	4	4	0	3000	3000	0
1/25/2024 11:09	59101 WALK_T2	0	0	0	0	0	0	2.25	2.23	0	0	0	0	0	0
1/25/2024 11:09	46004 BERW_T2	0	0	0	0	0	0	-0.58	-0.55	0	0	0	0	0	0
1/25/2024 11:11	55105 WERT_T1	0	0	0	0	0	0	-0.61	-0.58	1	1	0	900	900	0
1/25/2024 11:11	44301 BEAV_T2	1	1	0	1.1	1.4	0.3	0.79	0.94	2	2	0	1500	1500	0
1/25/2024 11:11	67503 WEWI_T2	0	0	0	0	0	0	-0.09	-0.08	0	0	0	0	0	0
1/25/2024 11:12	43001 ALWD_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1/25/2024 11:12	41801 GOCI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1/25/2024 11:13	26401 INOR_T1	0	0	0	0	0	0	1.04	0.88	0	0	0	0	0	0
1/25/2024 11:14	67402 WAKE_T2	0	0	0	0	0	0	0.44	0.44	1	1	0	600	600	0
1/25/2024 11:15	52101 MEIS_T1	1	1	0	0.6	0.8	0.2	0	0	0	0	0	0	0	0
1/25/2024 11:16	52101 MEIS_T1	1	1	0	0.6	0.8	0.2	0	0	0	0	0	0	0	0
1/25/2024 11:18	52501 PROG_T1	0	0	0	0	0	0	-0.28	-0.26	0	0	0	0	0	0
1/25/2024 11:19	54206 PENN_T2	1	2	1	0.1	0.1	0	0	0	0	0	0	0	0	0
1/25/2024 11:20	64101 REFR_T1	0	0	0	0	0	0	-0.1	-0.06	0	0	0	0	0	0
1/25/2024 11:22	41902 REED_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1/25/2024 11:22	15001 BLMO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1/25/2024 11:22	43001 ALWD_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1/25/2024 11:23	41902 REED_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1/25/2024 11:23	57403 SPAN_T1	0	0	0	0	0	0	0.11	0.07	0	0	0	0	0	0
1/25/2024 11:23	20403 ASHF_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1/25/2024 11:24	66505 SMAN_T2	0	0	0	0	0	0	0.16	-0.04	2	2	0	1100	1100	0
1/25/2024 11:24	56802 BENV_T2	91	103	12	0.22	0.25	0.03	-2.74	-2.82	0	0	0	0	0	0
1/25/2024 11:24	15001 BLMO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1/25/2024 11:24	64101 REFR_T1	0	0	0	0	0	0	-0.06	-0.11	0	0	0	0	0	0
1/25/2024 11:24	57403 SPAN_T1	0	0	0	0	0	0	0.07	0.09	0	0	0	0	0	0
1/25/2024 11:25	54505 ENOL_T2	1	1	0	0.7	0.9	0.2	0	0	0	0	0	0	0	0
1/25/2024 11:25	44301 BEAV_T2	1	1	0	1.5	1.4	-0.1	1.87	1.06	4	4	0	3000	3000	0
1/25/2024 11:25	67402 WAKE_T2	0	0	0	0	0	0	0.44	0.47	1	1	0	600	600	0
1/25/2024 11:25	56802 BENV_T2	91	103	12	0.22	0.25	0.03	-1.37	-1.41	0	0	0	0	0	0
1/25/2024 11:26	52101 MEIS_T1	1	1	0	0.6	0.8	0.2	0	0	0	0	0	0	0	0
1/25/2024 11:26	15001 BLMO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1/25/2024 11:26	56802 BENV_T2	91	103	12	0.22	0.25	0.03	-1.37	-1.41	0	0	0	0	0	0
1/25/2024 11:27	61301 EARL_T1	0	0	0	0	0	0	-1.39	-1.38	2	2	0	1800	1800	0
1/25/2024 11:28	46004 BERW_T2	0	0	0	0	0	0	-0.55	-0.6	0	0	0	0	0	0
1/25/2024 11:28	43001 ALWD_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1/25/2024 11:29	26401 INOR_T1	0	0	0	0	0	0	0.88	0.81	0	0	0	0	0	0
1/25/2024 11:29	56603 HAMP_T1	0	0	0	0	0	0	-1.22	-1.2	0	0	0	0	0	0
1/25/2024 11:30	67402 WAKE_T2	0	0	0	0	0	0	0.44	0.47	1	1	0	600	600	0
1/25/2024 11:31	45702 LIND_T2	1	1	0	1.2	1.1	-0.1	-0.44	-0.39	0	0	0	0	0	0
1/25/2024 11:32	52102 MEIS_T1	0	1	1	0	0.2	0.2	0	0	2	2	0	900	900	0
1/25/2024 11:32	65001 NEFF_T2	0	0	0	0	0	0	-0.58	-0.44	1	1	0	1200	1200	0
1/25/2024 11:33	54203 PENN_T1	269	296	27	0.26	0.25	-0.01	0	0	0	0	0	0	0	0
1/25/2024 11:33	65001 NEFF_T2	0	0	0	0	0	0	-0.58	-0.44	1	1	0	1200	1200	0
1/25/2024 11:35	65902 SAKR_T2	0	0	0	0	0	0	-0.63	-0.75	1	0	-1	900	0	-900
1/25/2024 11:35	65902 SAKR_T2	0	0	0	0	0	0	-0.63	-0.75	1	0	-1	900	0	-900
1/25/2024 11:35	57401 SPAN_T1	0	0	0	0	0	0	-1.01	-1.07	1	1	0	600	600	0
1/25/2024 11:36	65901 SAKR_T2	1	1	0	8.9	8.9	0	-1.15	-1.11	1	1	0	900	900	0
1/25/2024 11:36	52101 MEIS_T1	1	1	0	0.8	0.9	0.1	0	0	0	0	0	0	0	0
1/25/2024 11:37	52101 MEIS_T1	1	1	0	0.8	0.9	0.1	0	0	0	0	0	0	0	0
1/25/2024 11:37	44301 BEAV_T2	1	1	0	1.4	0	-1.4	0.94	0.53	2	2	0	1500	1500	0
1/25/2024 11:37	43001 ALWD_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1/25/2024 11:37	57401 SPAN_T1	0	0	0	0	0	0	-2.03	-2.14	2	2	0	1200	1200	0
1/25/2024 11:37	67502 WEWI_T2	0	0	0	0	0	0	-1.18	-1.18	1	1	0	900	900	0
1/25/2024 11:38	67502 WEWI_T2	0	0	0	0	0	0	-1.18	-1.18	1	1	0	900	900	0
1/25/2024 11:38	43001 ALWD_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1/25/2024 11:38	67502 WEWI_T2	0	0	0	0	0	0	-1.18	-1.18	1	1	0	900	900	0
1/25/2024 11:38	57401 SPAN_T1	0	0	0	0	0	0	-1.01	-1.07	1	1	0	600	600	0
1/25/2024 11:38	67402 WAKE_T2	0	0	0	0	0	0	0.44	0.47	1	1	0	600	600	0
1/25/2024 11:39	28604 BLYT_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1/25/2024 11:39	44301 BEAV_T2	1	1	0	1.4	0	-1.4	0.53	0.23	2	2	0	1500	1500	0
1/25/2024 11:39	57403 SPAN_T1	0	0	0	0	0	0	0.09	0.07	0	0	0	0	0	0
1/25/2024 11:39	57403 SPAN_T1	0	0	0	0	0	0	0.09	0.07	0	0	0	0	0	0
1/25/2024 11:39	67502 WEWI_T2	0	0	0	0	0	0	-1.18	-1.18	1	1	0	900	900	0
1/25/2024 11:40	62604 ENGL_T1	0	0	0	0	0	0	-0.37	-0.64	2	2	0	1200	1200	0
1/25/2024 11:40	57403 SPAN_T1	0	0	0	0	0	0	0.09	0.07	0	0	0	0	0	0
1/25/2024 11:40	44301 BEAV_T2	1	1	0	1.4	0	-1.4	1.6	0.68	6	6	0	4500	4500	0
1/25/2024 11:40	67402 WAKE_T2	0	0	0	0	0	0	0.47	0.45	1	1	0	600	600	0
1/25/2024 11:40	67503 WEWI_T2	0	0	0	0	0	0	-0.09	-0.1	0	0	0	0	0	0
1/25/2024 11:41	67503 WEWI_T2	0	0	0	0	0	0	-0.18	-0.2	0	0	0	0	0	0
1/25/2024 11:41	44301 BEAV_T2	1	1	0	1.4	0	-1.4	1.06	0.45	4	4	0	3000	3000	0
1/25/2024 11:42	54503 ENOL_T2	0	0	0	0	0	0	-1.85	-1.9	1	1	0	600	600	0
1/25/2024 11:42	67503 WEWI_T2	0	0	0	0	0	0	-0.09	-0.1	0	0	0	0	0	0
1/25/2024 11:43	67502 WEWI_T2	0	0	0	0	0	0	-1.18	-1.18	1	1	0	900	900	0
1/25/2024 11:43	43001 ALWD_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1/25/2024 11:43	62604 ENGL_T1	0	0	0	0	0	0	-0.19	-0.32	1	1	0	600	600	0
1/25/2024 11:43	41801 GOCI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1/25/2024 11:44	62604 ENGL_T1	0	0	0	0	0	0	-0.19	-0.32	1	1	0	600	600	0
1/25/2024 11:44	44301 BEAV_T2	1	1	0	1.4	0	-1.4	0.53	0.23	2	2	0	1500	1500	0
1/25/2024 11:44	26401 INOR_T1	0	0	0	0	0	0	0.81	0.81	0	0	0	0	0	0
1/25/2024 11:44	56603 HAMP_T1	0	0	0	0	0	0	-1.2	-1.16	0	0	0	0	0	0
1/25/2024 11:45	54503 ENOL_T2	0	0	0	0	0	0	-3.69	-3.8	2	2	0	1200	1200	0
1/25/2024 11:45	62604 ENGL_T1	0	0	0	0	0	0	-0.19	-0.32	1	1	0	600	600	0
1/25/2024 11:45	41801 GOCI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1/25/2024 11:45	26401 INOR_T1	0	1	1	0	0.2	0.2	0.81	0.81	0	0	0	0	0	0
1/25/2024 11:45	26402 INOR_T1	0	0	0	0	0	0	-0.99	-1.01	1	1	0	600	600	0
1/25/2024 11:46	26402 INOR_T1	0	0	0	0	0	0	-0.99	-1.01	1	1	0	600	600	0
1/25/2024 11:46	41801 GOCI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1/25/2024 11:46	67402 WAKE_T2	0	0	0	0	0	0	0.47	0.45	1	1	0	600	600	0
1/25/2024 11:47	55002 NEWP_T1	6	6	0	0.9	0.78	-0.12	-0.22	-0.2	0	0	0	0	0	0
1/25/2024 11:48	54201 PENN_T1	229	269	40	0.56	0.53	-0.03	-1.1	-1.1	0	0	0	0	0	0
1/25/2024 11:49	65003 NEFF_T2	0	1	1	0	0.1	0.1	0	0	0	0	0	0	0	0
1/25/2024 11:50	67201 TEHI_T1	0	0	0	0	0	0	0.78	0.74	1	1	0	600	600	0
1/25/2024 11:50	55002 NEWP_T1	6	6	0	0.9	0.78	-0.12	-0.22	-0.2	0	0	0	0	0	0
1/25/2024 11:51	40603 PIGR_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1/25/2024 11:51	55002 NEWP_T1	6	6	0	0.9	0.78	-0.12	-0.66	-0.6	0	0	0	0	0	0
1/25/2024 11:52	67503 WEWI_T2	0	0	0	0	0	0	-0.09	-0.1	0	0	0	0	0	0
1/25/2024 11:53	60701 BREC_T1	0	0	0	0	0	0	-0.42	-0.43	2	2	0	1200	1200	0
1/25/2024 11:53	67402 WAKE_T2	0	0	0	0	0	0	0.47	0.45	1	1	0	600	600	0
1/25/2024 11:53	44301 BEAV_T2	1	0	-1	1.7	0	-1.7	0.23	-0.68	2	2	0	1500	1500	0
1/25/2024 11:53	67503 WEWI_T2	0	0	0	0	0	0	-0.09	-0.1	0	0	0	0	0	0
1/25/2024 11:53	43001 ALWD_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1/25/2024 11:53	67605 WARW_T1	8	18	10	0.34	0.29	-0.05	-1.25	-1.28	0	0	0	0	0	0
1/25/2024 11:53	67502 WEWI_T2	0	0	0	0	0	0	-2.35	-2.37	2	2	0	1800	1800	0
1/25/2024 11:54	67503 WEWI_T2	0	0	0	0	0	0	-0.1	-0.12	0	0	0	0	0	0
1/25/2024 11:54	67502 WEWI_T2	0	0	0	0	0	0	-2.37	-2.51	2	2	0	1800	1800	0
1/25/2024 11:54	60701 BREC_T1	0	0	0	0	0	0	-0.43	-0.43	2	2	0	1200	1200	0
1/25/2024 11:55	67605 WARW_T1	8	18	10	0.34	0.29	-0.05	-1.28	-1.29	0	0	0	0	0	0
1/25/2024 11:55	44301 BEAV_T2	1	0	-1	1.7	0	-1.7	0.23	-0.68	2	2	0	1500	1500	0
1/25/2024 11:55	67503 WEWI_T2	0	0	0	0	0	0	-0.1	-0.12	0	0	0	0

Appendix C - Grid Benefits Achieved in Each Instance of Active Management

1/25/2024 12:27	67502 WEWI_T2	0	0	0	0	0	0	-1.27	-1.25	1	1	0	900	900	0
1/25/2024 12:28	26401 INOR_T1	1	0	-1	0.2	0	-0.2	0	0	0	0	0	0	0	0
1/25/2024 12:28	67402 WAKE_T2	0	0	0	0	0	0	0.46	0.47	1	1	0	600	600	0
1/25/2024 12:31	26401 INOR_T1	0	0	0	0	0	0	0.32	0.59	1	0	0	0	0	0
1/25/2024 12:32	26401 INOR_T1	0	0	0	0	0	0	0.32	0.59	0	0	0	0	0	0
1/25/2024 12:33	26402 INOR_T1	0	0	0	0	0	0	-1.03	-0.92	1	1	0	600	600	0
1/25/2024 12:36	65001 NEFF_T2	0	0	0	0	0	0	-0.58	-0.53	1	1	0	1200	1200	0
1/25/2024 12:38	67605 WARW_T1	14	26	12	0.27	0.26	-0.01	-1.34	-1.38	0	0	0	0	0	0
1/25/2024 12:42	56603 HAMP_T1	0	0	0	0	0	0	-1.22	-1.2	0	0	0	0	0	0
1/25/2024 12:48	55002 NEWP_T1	5	6	1	0.8	1.03	0.23	-0.4	-0.44	0	0	0	0	0	0
1/25/2024 12:49	55002 NEWP_T1	5	6	1	0.8	1.03	0.23	-0.4	-0.44	0	0	0	0	0	0
1/25/2024 12:50	54203 PENN_T1	374	195	-179	0.34	0.29	-0.05	0.68	0.68	0	0	0	0	0	0
1/25/2024 12:50	65003 NEFF_T2	0	4	4	0	0.13	0.13	0	0	0	0	0	0	0	0
1/25/2024 12:50	55002 NEWP_T1	5	6	1	0.8	1.03	0.23	-0.2	-0.22	0	0	0	0	0	0
1/25/2024 12:51	65003 NEFF_T2	0	4	4	0	0.13	0.13	0	0	0	0	0	0	0	0
1/25/2024 12:58	26401 INOR_T1	0	0	0	0	0	0	0.68	0.62	0	0	0	0	0	0
1/25/2024 13:08	28604 BLYT_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1/25/2024 13:12	41502 FAIR_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1/25/2024 13:15	41801 GOCI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1/25/2024 13:21	22601 KIMB_T1	0	127	127	0	0	0	0.22	0.23	0	0	0	0	0	0
1/25/2024 13:28	40101 HUNT_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1/25/2024 13:33	65703 RVIL_T1	0	0	0	0	0	0	-0.26	-0.25	0	0	0	0	0	0
1/25/2024 13:34	67002 STHI_T2	0	0	0	0	0	0	0.6	0.59	0	0	0	0	0	0
1/25/2024 13:35	67001 STHI_T2	1	1	0	0.4	0.4	0	0	0	0	0	0	0	0	0
1/25/2024 13:36	65703 RVIL_T1	0	0	0	0	0	0	-0.26	-0.25	0	0	0	0	0	0
1/25/2024 13:36	22601 KIMB_T1	0	0	0	0	0	0	0.23	0.28	0	0	0	0	0	0
1/25/2024 13:39	67503 WEWI_T2	0	0	0	0	0	0	-0.19	-0.1	0	0	0	0	0	0
1/25/2024 13:40	28604 BLYT_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1/25/2024 13:40	67503 WEWI_T2	0	0	0	0	0	0	-0.19	-0.1	0	0	0	0	0	0
1/25/2024 13:42	54505 ENOL_T2	1	1	0	0.8	0.7	-0.1	-1.3	-1.28	1	1	0	600	600	0
1/25/2024 13:45	28805 LAKE_T1	0	1	1	0	0.1	0.1	-0.24	-0.23	0	0	0	0	0	0
1/25/2024 13:46	28801 LAKE_T1	0	15	15	0	0.11	0.11	0	0	0	0	0	0	0	0
1/25/2024 13:49	55002 NEWP_T1	6	6	0	1.03	0.95	-0.08	-0.21	-0.2	0	0	0	0	0	0
1/25/2024 13:52	66901 SHIL_T2	0	11	11	0	0.12	0.12	-1.67	-1.66	1	1	0	1200	1200	0
1/25/2024 13:52	67402 WAKE_T2	0	0	0	0	0	0	0.44	0.45	1	1	0	600	600	0
1/25/2024 13:53	54201 PENN_T1	239	302	63	0.51	0.53	0.02	-1.17	-1.1	0	0	0	0	0	0
1/25/2024 13:54	67502 WEWI_T2	0	0	0	0	0	0	-1.25	-1.23	1	0	-1	900	0	-900
1/25/2024 13:55	67502 WEWI_T2	0	0	0	0	0	0	-1.25	-1.23	1	0	-1	900	0	-900
1/25/2024 13:56	67502 WEWI_T2	0	0	0	0	0	0	-1.25	-1.23	1	0	-1	900	0	-900
1/25/2024 13:57	67402 WAKE_T2	0	0	0	0	0	0	0.45	0.45	1	1	0	600	600	0
1/25/2024 13:59	65001 NEFF_T2	0	1	1	0	0.1	0.1	-0.5	-0.66	1	1	0	1200	1200	0
1/25/2024 13:59	41502 FAIR_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1/25/2024 14:00	41801 GOCI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1/25/2024 14:01	41801 GOCI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1/25/2024 14:02	41801 GOCI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1/25/2024 14:04	54205 PENN_T1	74	79	5	0.31	0.42	0.11	0	0	0	0	0	0	0	0
1/25/2024 14:07	59101 WALK_T2	0	0	0	0	0	0	4.03	4.06	0	0	0	0	0	0
1/25/2024 14:08	44301 BEAV_T2	0	0	0	0	0	0	-0.13	-2.61	4	4	0	3000	3000	0
1/25/2024 14:08	17002 RIRO_T2	0	0	0	0	0	0	0.56	0.53	0	0	0	0	0	0
1/25/2024 14:08	59101 WALK_T2	0	0	0	0	0	0	2.01	2.03	0	0	0	0	0	0
1/25/2024 14:09	43001 ALWD_T1	0	3	3	0	0.1	0.1	0	0	0	0	0	0	0	0
1/25/2024 14:09	59101 WALK_T2	0	0	0	0	0	0	2.03	2.24	0	0	0	0	0	0
1/25/2024 14:10	59101 WALK_T2	0	0	0	0	0	0	4.06	4.49	0	0	0	0	0	0
1/25/2024 14:10	67503 WEWI_T2	0	0	0	0	0	0	-0.13	-0.23	0	0	0	0	0	0
1/25/2024 14:11	43001 ALWD_T1	0	3	3	0	0.1	0.1	0	0	0	0	0	0	0	0
1/25/2024 14:12	17805 GILB_T2	0	0	0	0	0	0	0.01	-0.01	0	0	0	0	0	0
1/25/2024 14:12	26401 INOR_T1	0	0	0	0	0	0	0.65	0.67	0	0	0	0	0	0
1/25/2024 14:12	44301 BEAV_T2	0	0	0	0	0	0	-0.07	-1.31	2	2	0	1500	1500	0
1/25/2024 14:12	40902 JESH_T1	0	0	0	0	0	0	-0.61	-0.69	0	0	0	0	0	0
1/25/2024 14:12	67503 WEWI_T2	0	0	0	0	0	0	-0.13	-0.23	0	0	0	0	0	0
1/25/2024 14:12	17802 GILB_T1	1	0	-1	0.1	0	-0.1	0.15	0.13	0	0	0	0	0	0
1/25/2024 14:13	53901 HALI_T2	53	121	68	0.26	0.47	0.21	0	0	0	0	0	0	0	0
1/25/2024 14:14	41801 GOCI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1/25/2024 14:14	53903 HALI_T2	2	2	0	1.2	1.3	0.1	0	0	0	0	0	0	0	0
1/25/2024 14:14	17803 GILB_T2	0	6	6	0	0.17	0.17	0	0	0	0	0	0	0	0
1/25/2024 14:15	53901 HALI_T2	59	136	77	0.27	0.47	0.2	0	0	0	0	0	0	0	0
1/25/2024 14:15	17802 GILB_T1	0	0	0	0	0	0	0.15	0.13	0	0	0	0	0	0
1/25/2024 14:16	17802 GILB_T1	0	0	0	0	0	0	0.15	0.13	0	0	0	0	0	0
1/25/2024 14:16	53903 HALI_T2	2	2	0	1.3	1.1	-0.2	0	0	0	0	0	0	0	0
1/25/2024 14:16	43001 ALWD_T1	3	2	-1	0.1	0.1	0	0	0	0	0	0	0	0	0
1/25/2024 14:16	41801 GOCI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1/25/2024 14:17	67001 STHI_T2	1	1	0	0.2	0.3	0.1	0	0	0	0	0	0	0	0
1/25/2024 14:17	17802 GILB_T1	0	0	0	0	0	0	0.15	0.13	0	0	0	0	0	0
1/25/2024 14:17	55002 NEWP_T1	6	6	0	0.8	0.95	0.15	-0.19	-0.2	0	0	0	0	0	0
1/25/2024 14:17	28801 LAKE_T1	15	1	-14	0.11	0.1	-0.01	0	0	0	0	0	0	0	0
1/25/2024 14:17	53901 HALI_T2	59	136	77	0.27	0.47	0.2	0	0	0	0	0	0	0	0
1/25/2024 14:18	64902 MILL_T2	0	0	0	0	0	0	-0.75	-0.71	1	1	0	900	900	0
1/25/2024 14:18	64101 REFR_T1	0	0	0	0	0	0	-0.14	-0.11	0	0	0	0	0	0
1/25/2024 14:18	17002 RIRO_T2	0	0	0	0	0	0	0.53	0.5	0	0	0	0	0	0
1/25/2024 14:18	55002 NEWP_T1	6	6	0	0.8	0.95	0.15	-0.38	-0.4	0	0	0	0	0	0
1/25/2024 14:19	55002 NEWP_T1	6	6	0	0.8	0.95	0.15	-0.19	-0.2	0	0	0	0	0	0
1/25/2024 14:19	67001 STHI_T2	1	1	0	0.2	0.3	0.1	0	0	0	0	0	0	0	0
1/25/2024 14:19	53901 HALI_T2	59	136	77	0.27	0.47	0.2	0	0	0	0	0	0	0	0
1/25/2024 14:19	64101 REFR_T1	0	0	0	0	0	0	-0.28	-0.22	0	0	0	0	0	0
1/25/2024 14:20	64101 REFR_T1	0	0	0	0	0	0	-0.14	-0.11	0	0	0	0	0	0
1/25/2024 14:20	55002 NEWP_T1	6	6	0	0.8	0.95	0.15	-0.19	-0.2	0	0	0	0	0	0
1/25/2024 14:21	43001 ALWD_T1	3	2	-1	0.1	0.1	0	0	0	0	0	0	0	0	0
1/25/2024 14:21	65001 NEFF_T2	1	0	-1	0.1	0	-0.1	-0.66	-0.53	1	1	0	1200	1200	0
1/25/2024 14:21	45402 WBLO_T2	0	1	1	0	0.2	0.2	-0.73	-0.74	0	0	0	0	0	0
1/25/2024 14:21	41902 REED_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1/25/2024 14:21	67001 STHI_T2	1	1	0	0.2	0.3	0.1	0	0	0	0	0	0	0	0
1/25/2024 14:22	16302 ALPA_T2	0	0	0	0	0	0	0.62	0.66	0	0	0	0	0	0
1/25/2024 14:22	64101 REFR_T1	0	0	0	0	0	0	-0.14	-0.11	0	0	0	0	0	0
1/25/2024 14:23	64101 REFR_T1	0	0	0	0	0	0	-0.14	-0.11	0	0	0	0	0	0
1/25/2024 14:23	54205 PENN_T1	79	84	5	0.41	0.38	-0.03	0	0	0	0	0	0	0	0
1/25/2024 14:23	59101 WALK_T2	0	1	1	0	0	0	2.03	2.24	0	0	0	0	0	0
1/25/2024 14:24	16302 ALPA_T2	0	0	0	0	0	0	0.66	0.62	0	0	0	0	0	0
1/25/2024 14:24	64101 REFR_T1	0	0	0	0	0	0	-0.11	-0.16	0	0	0	0	0	0
1/25/2024 14:25	67502 WEWI_T2	0	0	0	0	0	0	-0.36	-0.36	2	0	-2	1800	0	-1800
1/25/2024 14:25	65003 NEFF_T2	4	4	0	0.15	0.23	0.08	0	0	0	0	0	0	0	0
1/25/2024 14:25	59101 WALK_T2	0	1	1	0	0	0	2.24	2.08	0	0	0	0	0	0
1/25/2024 14:25	43001 ALWD_T1	3	2	-1	0.1	0.1	0	0	0	0	0	0	2	0	0
1/25/2024 14:26	16302 ALPA_T2	0	0	0	0	0	0	1.31	1.24	0	0	0	0	0	0
1/25/2024 14:26	67502 WEWI_T2	0	0	0	0	0	0	-0.18	-0.18	1	0	-1	900	0	-900
1/25/2024 14:26	41801 GOCI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1/25/2024 14:26	43001 ALWD_T1	3	2	-1	0.1	0.1	0	0	0	0	0	0	0	0	0
1/25/2024 14:27	67502 WEWI_T2	0	0	0	0	0	0	-0.18	-0.18	1	0	-1	900	0	-900
1/25/2024 14:27	28604 BLYT_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1/25/2024 14:27	40902 JESH_T1	0	0	0	0	0	0	-0.69	-0.75	0	0	0	0	0	0
1/25/2024 14:28	26401 INOR_T1	0	0	0	0	0	0	0.67	0.63	0	0	0	0	0	0
1/25/2024 14:28	41801 GOCI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1/25/2024 14:28	53903 HALI_T2	2	2	0	1.3	1.1	-0.2	-0.26	-0.26	0	0	0	0	0	0
1/25/2024 14:28	10702 CATA_T2	1	1	0	0.7	0.5	-0.2	0	0	0	0	0	0	0	0
1/25/2024 14:28	60101 COCA_T1	0	0	0	0	0	0	0.33	0.32	0	0	0	0	0	0
1/25/2024 14:30	17804 GILB_T2	0	0	0	0	0	0	-0.58	-0.58	0	0	0	0	0	0
1/25/2024 14:31	39601 LNFD_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1/25/2024 14:31	53901 HALI_T2	121	136	15	0.47	0.46	-0.01	0	0	0	0	0	0	0	0
1/25/2024 14:31	67001 STHI_T2	1	1	0	0.2	0.3	0.1	0	0	0	0	0	0	0	0
1/25/2024 14:32	42902 MIDD_T2	0	0	0	0	0	0	-0.22	-0.18	0	0	0	0	0	0
1/25/2024 14:32	42001 MNVL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1/25/2024 14:32	45902 AUBU_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1/25/2024 14:32	26401 INOR_T1	0	0	0	0	0	0	0.67	0.63	0	0	0	0	0	0
1/25/2024 14:33	64902 MILL_T2	0	0	0	0	0	0	-0.71	-0.78	1	1	0	900	900	0
1/25/2024 14:33	67001 STHI_T2	1	1	0	0.2	0.3	0.1	0	0	0	0	0	0	0	0
1/25/2024 14:33	45902 AUBU_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1/25/2024 14:33	13302 ORVI_T2	0	0	0	0	0	0	1.03	1.07	0	0	0	0	0	0
1/25/2024 14:33	64101 REFR_T1	0	0	0	0	0	0	-0.11	-0.16	0	0	0	0	0	0
1/25/2024 14:33	55002 NEWP_T1	6	6	0	0.73	1.2	0.47	-0.4	-0.5	0	0	0	0	0	0
1/25/2024 14:34	55002 NEWP_T1	6	6	0	0.73	1.2	0.47	-0.2	-0.25	0	0	0	0	0	0
1/25/2024 14:34	13302 ORVI_T2	0	0	0	0	0	0	1.03	1.07	0	0	0	0	0	0
1/25/2024 14:34	17002 RIRO_T2	0	0	0	0	0	0	0.5	0.5	0	0	0	0	0	0
1/25/2024 14:34	40603 PIGR_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1/25/2024 14:35	57401 SPAN_T1	0	0	0	0	0	0	-1.05	-0.75	1	1	0	600	600	0
1/25/2024 14:35	55002 NEWP_T1	6	6	0	0.73	1.2	0.47	-0.2	-0.25	0	0	0	0	0	0
1/25/2024 14:35	57403 SPAN_T1	0	0	0	0	0	0	0.05	0.04	0	0	0	0	0	0
1/25/2024 14:35	67001 STHI_T2	1	1	0	0.2	0.3	0.1	0	0	0	0	0	0	0	0
1/25/2024 14:35	13704 SCHN_T2	0	0	0	0	0	0	-0.36	-0.37	0	0	0	0	0	0
1/25/2024 14:35	45901 AUBU_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1/25/2024 14:36	45902 AUBU_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1/25/2024 14:36	57401 SPAN_T1	0	0	0	0	0	0	-1.05	-0.75	1	1	0	600	600	0
1/25/2024 14:36	41902 REED_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1/25/2024 14:36	65701 RVIL_T1	0	0	0	0	0	0	-1.93	-1.93	0	0	0	0	0	0
1/25/2024 14:36	13704 SCHN_T2	0	0	0	0	0	0	-0.36	-0.37	0	0	0	0	0	0
1/25/2024 14:36	13302 ORVI_T2	0	0	0	0	0	0	1.03	1.07	0	0	0	0	0	0
1/25/2024 14:36	45901 AUBU_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1/25/2024 14:36	55002 NEWP_T1	6	6	0	0.73	1.2	0.47	-0.2	-0.25	0	0	0	0	0	0
1/25/2024 14:36	44601 SALE_T2	0	0	0	0	0	0	0.47	0.56	1	1	0	600	600	0
1/25/2024 14:37	41902 REED_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1/25/2024 14:37	57403 SPAN_T1	0	0	0	0	0	0	0.05	0.04	0	0	0	0	0	0
1/25/2024 14:37	45902 AUBU_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1/25/2024 14:37	13302 ORVI_T2	0	0	0	0	0	0	2.05	2.14	0	0	0	0	0	0
1/25/2024 14:37	29402 BELT_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1/25/2024 14:37	43001 ALWD_T1	1	5	4	0.1	0.1	0	0	0	0	0	0	0	0	0
1/25/2024 14:37	13704 SCHN_T2	0	0	0	0	0	0	-0.36	-0.37	0	0	0	0	0	0
1/25/2024 14:38	57401 SPAN_T1	0	0	0	0	0	0	-5.26	-3.75	5	5	0	3000	3000	0
1/25/2024 14:38	44301 BEAV_T2	0	0	0	0	0	0	-0.21	-0.18	1	1	0	600	600	0
1/25/2024 14:38	57401 SPAN_T1	0	0	0	0	0	0	-5.26	-3.75	5	5	0	3000	3000	0
1/25/2024 14:38	67402 WAKE_T2	0	0	0	0	0	0	0.28	-0.4	1	1	0	600	600	0
1/25/2024 14:39	67402 WAKE_T2	0	0	0	0	0	0	-0.4	-0.44	1	1	0	600	600	0
1/25/2024 14:40	53903 HALI_T2	2	2	0	1.1	1.35	0.25	-0.13	-0.13	0	0	0	0	0	0
1/25/2024 14:40	12401 MILF_T1	0	0	0	0	0	0	-0.32	-0.33	0	0	0	0	0	0
1/25/2024 14:40	29402 BELT_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1/25/2024 14:41	60201 ATGL_T2	0	0	0	0	0	0	0	-0.02	1	1	0	600	600	0
1/25/2024 14:41	29401 BELT_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1/25/2024 14:41	67503 WEWI_T2	0	0	0	0	0	0	-0.09	-0.08	0	0	0	0	0	0
1/25/2024 14:41	41502 FAIR_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1/25/2024 14:41	67502 WEWI_T2	0	0	0	0	0	0	-0.36	-0.34	0	0	0	0	0	0
1/25/2024 14:41	43001 ALWD_T1	1	5	4	0.1	0.1	0	0	0	0	0	0	0	0	0
1/25/2024 14:42	67503 WEWI_T2	0	0	0	0	0	0	-0.19	-0.16	0	0	0	0	0	0
1/25/2024 14:42	41801 GOCI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1/25/2024 14:42	43001 ALWD_T1	1	5	4	0.1	0.1	0	0	0	0	0	0	0	0	0
1/25/2024 14:42	67502 WEWI_T2	0	0	0	0	0	0	-0.36	-0.34	0	0	0	0	0	0
1/25/2024 14:42	29401 BELT_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1/25/2024 14:42	61301 EARL_T1	0	0	0	0	0	0	-0.48	-0.47	1	1	0	900	900	0
1/25/2024 14:43	67503 WEWI_T2	0	0	0	0	0	0	-0.09	-0.08	0	0	0	0	0	0
1/25/2024 14:43	28604 BLYT_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1/25/2024 14:43	41801 GOCI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1/25/2024 14:43	40902 JESH_T1	0	0	0	0	0	0	-0.75	-0.73	0	0	0	0	0	0
1/25/2024 14:44	41801 GOCI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1/25/2024 14:44	28801 LAKE_T1	1	1	0	0.1	0.2	0.1	0	0	0	0	0	0	0	0
1/25/2024 14:44	67402 WAKE_T2	0	0	0	0	0	0	-0.4	-0.44	1	1	0	600	600	0
1/25

Appendix C - Grid Benefits Achieved in Each Instance of Active Management

1/25/2024 14:54	67401 WAKE_T2	0	0	0	0	0	0	-1.17	-1.14	0	0	0	0	0	0
1/25/2024 14:54	67605 WARW_T1	31	23	-8	0.3	0.3	0	-1.27	-1.34	0	0	0	0	0	0
1/25/2024 14:54	59102 WALK_T2	0	1	1	0	0.1	0.1	0	0	0	0	0	0	0	0
1/25/2024 14:55	67402 WAKE_T2	0	0	0	0	0	0	-0.44	-0.43	1	1	0	600	600	0
1/25/2024 14:55	60701 BREC_T1	0	4	4	0	0.28	0.28	-0.48	-0.49	1	1	0	600	600	0
1/25/2024 14:56	15001 BLMO_T1	2	2	0	0.1	0.1	0	0	0	0	0	0	0	0	0
1/25/2024 14:56	60701 BREC_T1	0	4	4	0	0.28	0.28	-0.95	-0.97	2	2	0	1200	1200	0
1/25/2024 14:56	54502 ENOL_T2	0	2	2	0	0.2	0.2	0	0	0	0	0	0	0	0
1/25/2024 14:56	16301 ALPA_T1	1	2	1	0.4	0.3	-0.1	-0.42	-0.42	0	0	0	0	0	0
1/25/2024 14:57	60701 BREC_T1	0	4	4	0	0.28	0.28	-1.43	-1.46	3	3	0	1800	1800	0
1/25/2024 14:57	15001 BLMO_T1	2	2	0	0.1	0.1	0	0	0	0	0	0	0	0	0
1/25/2024 14:57	16301 ALPA_T1	1	2	1	0.4	0.3	-0.1	-0.42	-0.42	0	0	0	0	0	0
1/25/2024 14:58	54505 ENOL_T2	1	1	0	0.8	0.9	0.1	-1.29	-1.31	1	1	0	600	600	0
1/25/2024 14:58	43001 ALWD_T1	1	12	11	0.1	0.23	0.13	0	0	0	0	0	0	0	0
1/25/2024 14:58	53901 HALI_T2	134	124	-10	0.46	0.46	0	0	0	0	0	0	0	0	0
1/25/2024 14:58	60701 BREC_T1	0	4	4	0	0.28	0.28	-0.95	-0.97	2	2	0	1200	1200	0
1/25/2024 14:59	54502 ENOL_T2	0	2	2	0	0.2	0.2	0	0	0	0	0	0	0	0
1/25/2024 14:59	53901 HALI_T2	134	124	-10	0.46	0.46	0	0	0	0	0	0	0	0	0
1/25/2024 14:59	46506 LOHA_T1	1	1	0	0.6	0.4	-0.2	0	0	0	0	0	0	0	0
1/25/2024 15:00	67402 WAKE_T2	0	0	0	0	0	0	-0.44	-0.43	1	1	0	600	600	0
1/25/2024 15:00	54505 ENOL_T2	1	1	0	0.9	0.9	0	-1.29	-1.31	1	1	0	600	600	0
1/25/2024 15:01	53903 HALI_T2	2	2	0	1.35	1.4	0.05	-0.13	-0.14	0	0	0	0	0	0
1/25/2024 15:01	41501 FAIR_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1/25/2024 15:01	60701 BREC_T1	2	77	75	0.1	0.14	0.04	-0.48	-0.49	1	1	0	600	600	0
1/25/2024 15:02	44703 MUNC_T2	4	4	0	1.05	0.95	-0.1	0	0	0	0	0	0	0	0
1/25/2024 15:02	40502 CRES_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1/25/2024 15:02	53903 HALI_T2	2	2	0	1.35	1.4	0.05	-0.13	-0.14	0	0	0	0	0	0
1/25/2024 15:03	45902 AUBU_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1/25/2024 15:03	44701 MUNC_T2	2	1	-1	0.2	0.2	0	-1.39	-1.35	0	0	0	0	0	0
1/25/2024 15:03	40502 CRES_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1/25/2024 15:03	55002 NEWP_T1	6	6	0	1.2	1.18	-0.02	-0.23	-0.23	0	0	0	0	0	0
1/25/2024 15:04	40502 CRES_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1/25/2024 15:04	54202 PENN_T2	0	1	1	0	0.1	0.1	0	0	0	0	0	0	0	0
1/25/2024 15:04	45902 AUBU_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1/25/2024 15:05	64402 LAND_T2	0	0	0	0	0	0	-0.39	-0.46	1	1	0	600	600	0
1/25/2024 15:05	54202 PENN_T2	0	1	1	0	0.1	0.1	0	0	0	0	0	0	0	0
1/25/2024 15:05	40502 CRES_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1/25/2024 15:06	17804 GILB_T2	0	0	0	0	0	0	-0.58	-0.56	0	0	0	0	0	0
1/25/2024 15:06	40502 CRES_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1/25/2024 15:07	40502 CRES_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1/25/2024 15:08	14404 SSLA_T1	2	2	0	0.1	0.1	0	0	0	0	0	0	0	0	0
1/25/2024 15:08	40502 CRES_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1/25/2024 15:09	54201 PENN_T1	313	357	44	0.59	0.64	0.05	-1.13	-1.15	0	0	0	0	0	0
1/25/2024 15:09	54205 PENN_T1	86	162	76	0.44	0.36	-0.08	0	0	0	0	0	0	0	0
1/25/2024 15:09	40502 CRES_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1/25/2024 15:10	64402 LAND_T2	0	0	0	0	0	0	-0.46	-0.51	1	1	0	600	600	0
1/25/2024 15:10	67402 WAKE_T2	0	0	0	0	0	0	-0.43	-0.45	1	1	0	600	600	0
1/25/2024 15:10	60701 BREC_T1	2	77	75	0.1	0.14	0.04	-0.49	-0.47	1	1	0	600	600	0
1/25/2024 15:11	41501 FAIR_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1/25/2024 15:11	60701 BREC_T1	2	77	75	0.1	0.14	0.04	-0.49	-0.47	1	1	0	600	600	0
1/25/2024 15:12	60701 BREC_T1	2	77	75	0.1	0.14	0.04	-0.49	-0.47	1	1	0	600	600	0
1/25/2024 15:12	43001 ALWD_T1	5	12	7	0.1	0.23	0.13	0	0	0	0	0	0	0	0
1/25/2024 15:13	60701 BREC_T1	2	77	75	0.1	0.14	0.04	-0.49	-0.47	1	1	0	600	600	0
1/25/2024 15:14	26401 INOR_T1	0	0	0	0	0	0	0.83	0.66	0	0	0	0	0	0
1/25/2024 15:14	60701 BREC_T1	2	77	75	0.1	0.14	0.04	-0.49	-0.47	1	1	0	600	600	0
1/25/2024 15:15	43001 ALWD_T1	12	11	-1	0.23	0.17	-0.06	0	0	0	0	0	0	0	0
1/25/2024 15:16	67402 WAKE_T2	0	0	0	0	0	0	-0.43	-0.45	1	1	0	600	600	0
1/25/2024 15:16	67002 STHI_T2	0	0	0	0	0	0	0.55	0.59	0	0	0	0	0	0
1/25/2024 15:17	52102 MEIS_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1/25/2024 15:17	60701 BREC_T1	4	117	113	0.28	0.14	-0.14	-0.49	-0.47	1	1	0	600	600	0
1/25/2024 15:17	67001 STHI_T2	6	1	-5	0.17	0.4	0.23	0	0	0	0	0	0	0	0
1/25/2024 15:18	52102 MEIS_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1/25/2024 15:18	67002 STHI_T2	0	0	0	0	0	0	0.55	0.59	0	0	0	0	0	0
1/25/2024 15:18	45902 AUBU_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1/25/2024 15:18	64801 MONE_T2	15	25	10	0.31	0.33	0.02	-0.37	-0.37	0	0	0	0	0	0
1/25/2024 15:18	45902 AUBU_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1/25/2024 15:18	55002 NEWP_T1	6	6	0	1.18	1.05	-0.13	-0.23	-0.22	0	0	0	0	0	0
1/25/2024 15:19	45902 AUBU_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1/25/2024 15:20	67002 STHI_T2	0	0	0	0	0	0	1.1	1.18	0	0	0	0	0	0
1/25/2024 15:20	45902 AUBU_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1/25/2024 15:21	40502 CRES_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1/25/2024 15:24	54201 PENN_T1	335	331	-4	0.63	0.65	0.02	-1.15	-1.15	0	0	0	0	0	0
1/25/2024 15:24	43001 ALWD_T1	12	11	-1	0.23	0.17	-0.06	0	0	0	0	0	0	0	0
1/25/2024 15:25	67605 WARW_T1	18	21	3	0.31	0.32	0.01	-1.38	-1.35	0	0	0	0	0	0
1/25/2024 15:26	67402 WAKE_T2	0	0	0	0	0	0	-0.45	-0.44	1	1	0	600	600	0
1/25/2024 15:27	12202 FOGE_T2	0	0	0	0	0	0	-0.08	-0.09	0	0	0	0	0	0
1/25/2024 15:27	60701 BREC_T1	4	117	113	0.28	0.14	-0.14	-0.47	-0.55	1	1	0	600	600	0
1/25/2024 15:28	65001 NEFF_T2	12	9	-3	0.11	0.13	0.02	-0.64	-0.77	1	1	0	1200	1200	0
1/25/2024 15:29	43001 ALWD_T1	12	11	-1	0.23	0.17	-0.06	0	0	0	0	0	0	0	0
1/25/2024 15:31	40902 JESH_T1	0	0	0	0	0	0	-0.71	-0.76	0	0	0	0	0	0
1/25/2024 15:31	67402 WAKE_T2	0	0	0	0	0	0	-0.45	-0.44	1	1	0	600	600	0
1/25/2024 15:32	60701 BREC_T1	74	328	254	0.13	0.28	0.15	-0.47	-0.55	1	1	0	600	600	0
1/25/2024 15:33	67001 STHI_T2	1	1	0	0.3	0.4	0.1	0.07	0.11	0	0	0	0	0	0
1/25/2024 15:34	55002 NEWP_T1	5	6	1	1.02	1.08	0.06	-0.22	-0.21	0	0	0	0	0	0
1/25/2024 15:34	67001 STHI_T2	1	1	0	0.3	0.4	0.1	0.14	0.22	0	0	0	0	0	0
1/25/2024 15:35	42201 SHEN_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1/25/2024 15:37	67402 WAKE_T2	0	0	0	0	0	0	-0.45	-0.44	1	1	0	600	600	0
1/25/2024 15:37	66901 SHIL_T2	0	0	0	0	0	0	-1.7	-1.71	1	1	0	1200	1200	0
1/25/2024 15:40	43001 ALWD_T1	10	12	2	0.18	0.19	0.01	0	0	0	0	0	0	0	0
1/25/2024 15:41	12401 MILF_T1	0	0	0	0	0	0	-0.34	-0.36	0	0	0	0	0	0
1/25/2024 15:42	67402 WAKE_T2	0	0	0	0	0	0	-0.44	-0.41	1	1	0	600	600	0
1/25/2024 15:43	60101 COCA_T1	0	0	0	0	0	0	0.24	0.24	0	0	0	0	0	0
1/25/2024 15:43	12202 FOGE_T2	0	2	2	0	0.1	0.1	-0.09	-0.09	0	0	0	0	0	0
1/25/2024 15:44	65001 NEFF_T2	5	22	17	0.1	0.12	0.02	-0.77	-0.73	1	1	0	1200	1200	0
1/25/2024 15:45	43001 ALWD_T1	10	13	3	0.16	0.25	0.09	0	0	0	0	0	0	0	0
1/25/2024 15:46	26401 INOR_T1	0	0	0	0	0	0	0.59	0.61	0	0	0	0	0	0
1/25/2024 15:46	17802 GILB_T1	0	0	0	0	0	0	0.15	0.14	0	0	0	0	0	0
1/25/2024 15:49	52102 MEIS_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1/25/2024 15:52	40502 CRES_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1/25/2024 15:53	60701 BREC_T1	96	392	296	0.14	0.32	0.18	-1.1	-1.09	2	2	0	1200	1200	0
1/25/2024 15:54	60701 BREC_T1	96	392	296	0.14	0.32	0.18	-0.54	-0.53	1	1	0	600	600	0
1/25/2024 15:56	43001 ALWD_T1	10	13	3	0.16	0.25	0.09	0	0	0	0	0	0	0	0
1/25/2024 15:59	60701 BREC_T1	96	392	296	0.14	0.32	0.18	-0.54	-0.53	1	1	0	600	600	0
1/25/2024 16:01	43001 ALWD_T1	11	13	2	0.2	0.25	0.05	0	0	0	0	0	0	0	0
1/25/2024 16:05	42201 SHEN_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1/25/2024 16:06	45902 AUBU_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1/25/2024 16:07	45902 AUBU_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1/25/2024 16:07	42201 SHEN_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1/25/2024 16:09	60701 BREC_T1	327	382	55	0.28	0.31	0.03	-0.53	-0.54	1	1	0	600	600	0
1/25/2024 16:09	29402 BELT_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1/25/2024 16:11	54502 ENOL_T2	1	1	0	0.3	0.4	0.1	0	0	0	0	0	0	0	0
1/25/2024 16:13	54505 ENOL_T2	1	1	0	1	1	0	-2.58	-2.58	2	2	0	1200	1200	0
1/25/2024 16:13	65001 NEFF_T2	22	0	-22	0.12	0	-0.12	-0.76	-0.55	1	1	0	1200	1200	0
1/25/2024 16:14	60701 BREC_T1	327	382	55	0.28	0.31	0.03	-0.53	-0.54	1	1	0	600	600	0
1/25/2024 16:16	65001 NEFF_T2	0	0	0	0	0	0	-0.76	-0.55	1	1	0	1200	1200	0
1/25/2024 16:21	55002 NEWP_T1	6	6	0	0.95	1.08	0.13	-0.19	-0.2	0	0	0	0	0	0
1/25/2024 16:23	59101 WALK_T2	0	2	2	0	0	0	1.49	1.92	0	0	0	0	0	0
1/25/2024 16:24	67402 WAKE_T2	0	0	0	0	0	0	-0.41	-0.41	1	1	0	600	600	0
1/25/2024 16:24	59101 WALK_T2	0	2	2	0	0	0	1.92	1.54	0	0	0	0	0	0
1/25/2024 16:25	59101 WALK_T2	0	2	2	0	0	0	1.92	1.54	0	0	0	0	0	0
1/25/2024 16:25	60701 BREC_T1	381	255	-126	0.32	0.18	-0.14	-0.54	-0.56	1	1	0	600	600	0
1/25/2024 16:29	67402 WAKE_T2	0	0	0	0	0	0	-0.41	-0.41	1	1	0	600	600	0
1/25/2024 16:30	60701 BREC_T1	248	135	-113	0.19	0.15	-0.04	-0.54	-0.56	1	1	0	600	600	0
1/25/2024 16:30	41502 FAIR_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1/25/2024 16:33	40502 CRES_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1/25/2024 16:34	40502 CRES_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1/25/2024 16:36	45901 AUBU_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1/25/2024 16:36	42201 SHEN_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1/25/2024 16:37	65001 NEFF_T2	0	0	0	0	0	0	-0.55	-0.75	1	1	0	1200	1200	0
1/25/2024 16:37	40502 CRES_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1/25/2024 16:40	67402 WAKE_T2	0	0	0	0	0	0	-0.41	-0.36	1	1	0	600	600	0
1/25/2024 16:45	67402 WAKE_T2	0	0	0	0	0	0	-0.41	-0.36	1	1	0	600	600	0
1/25/2024 16:48	55002 NEWP_T1	6	6	0	1.02	0.88	-0.14	-0.22	-0.21	0	0	0	0	0	0
1/25/2024 16:55	67402 WAKE_T2	0	0	0	0	0	0	-0.36	-0.4	1	1	0	600	600	0
1/25/2024 17:01	67402 WAKE_T2	0	0	0	0	0	0	-0.36	-0.4	1	1	0	600	600	0
1/25/2024 17:11	67402 WAKE_T2	0	0	0	0	0	0	-0.4	-0.37	1	1	0	600	600	0
1/25/2024 17:16	67402 WAKE_T2	0	0	0	0	0	0	-0.4	-0.37	1	1	0	600	600	0
1/25/2024 17:19	55002 NEWP_T1	6	6	0	0.72	0.75	0.03	-0.21	-0.18	0	0	0	0	0	0
1/25/2024 17:35	45902 AUBU_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1/25/2024 17:36	45902 AUBU_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1/25/2024 17:44	26401 INOR_T1	0	0	0	0	0	0	0.41	0.29	0	0	0	0	0	0
1/25/2024 17:45	65001 NEFF_T2	0	0	0	0	0	0	-0.69	-0.66	1	1	0	1200	1200	0
1/25/2024 17:55	42701 AUGU_T1	4	3	-1	0.55	0.8	0.25	0	0	0	1	0	600	600	0
1/25/2024 18:16	65001 NEFF_T2	0	0	0	0	0	0	-0.73	-0.79	1	1	0	1200	1200	0
1/25/2024 18:30	44301 BEAV_T2	0	1	1	0	0	0	-0.38	-0.33	1	1	0	600	600	0
1/25/2024 18:56	27502 WEIS_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1/25/2024 18:56	17002 RIRO_T2	0	0	0	0	0	0	0.36	0.38	0	0	0	0	0	0
1/25/2024 18:57	45501 DERR_T2	3	3	0	0.3	0	-0.3	0.37	0.47	2	2	0	1800	1800	0
1/25/2024 18:57	16101 BING_T2	5	1	-4	0.14	0	-0.14	0.46	0.46	0	0	0	0	0	0
1/25/2024 18:57	26401 INOR_T1	0	0	0	0	0	0	0.28	0.3	0	0	0	0	0	0
1/25/2024 18:57	16301 ALPA_T1	1	1	0	0.1	0.1	0	-0.44	-0.44	0	0	0	0	0	0
1/25/2024 18:58	44901 SCOT_T2	0	0	0	0	0	0	-0.32	-0.29	0	0	0	0	0	0
1/25/2024 18:58	39601 LNFD_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1/25/2024 18:58	20403 ASHF_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1/25/2024 18:59	29402 BELT_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1/25/2024 18:59	59101 WALK_T2	0	1	1	0	0	0	1.31	1.17	1	1	0	450	450	0
1/25/2024 19:00	60803 BUCK_T1	0	0	0	0	0	0	-0.54	-0.56	1	1	0	600	600	0
1/25/2024 19:00	17802 GILB_T1	0	0	0	0	0	0	0.22	0.2	0	0	0	0	0	0
1/25/2024 19:00	57403 SPAN_T1	4	0	-4	0.1	0	-0.1	0.05	0.06	0	0	0	0	0	0
1/25/2024 22:15	46206 DANV_T2	0	0	0	0	0	0	2.46	2.48	1	1	0	1200	1200	0
1/25/2024 22:16	17805 GILB_T2	0	0	0	0	0	0	-0.15	-0.19	0	0	0	0	0	0
1/25/2024 22:16	42001 MNVL_T2	33	60	27	0.16	0.15	-0.01	-0.01	-0.03	0	0	0	0	0	0
1/25/2024 22:16	67503 WEWI_T2	0	0	0	0	0	0	-0.27	-0.27	0	0	0	0	0	0
1/25/2024 22:16	45501 DERR_T2	1	1	0	0	0	0	0.9	0.63	2	1	-1	1800	600	-1200
1/25/2024 22:16	64402 LAND_T2	0	0	0	0	0	0	-0.53	-0.46	1	1	0	600	600	0
1/25/2024 22:16	45802 HEGI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1/25/2024 22:16	60701 BREC_T1	0	0	0	0	0	0	-0.05	-0.08	0	0	0	0	0	0
1/25/2024 22:16	66505 SMAN_T2	0	3	3	0	1.27	1.27	0	0	0	0	0	0	0	0
1/25/2024 22:16	60101 COCA_T1	0	0	0	0	0	0	0.21	0.17	0	0	0	0	0	0
1/25/2024 22:16	15001 BLMO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1/25/2024 22:16	42201 SHEN_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1/25/2024 22:16	67401 WAKE_T2	0	0	0	0	0	0	-0.96	-0.96	0	0	0	0	0	0
1/25/2024 22:16	44901 SCOT_T2	0	0	0	0	0	0	-0.29	-0.13	0	0	0	0	0	0
1/25/2024 22:16	40502 CRES_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1/25/2024 22:16	44301 BEAV_T2	0	0	0	0	0	0	0.03	-0.3	2	2	0	1200	1200	0
1/25/2024 22:17	54503 ENOL_T2	0	0	0	0	0	0	-1.26	-1.25	1	1	0	600	600	0
1/25/2024 22:17	57304 MOAI_T2	8	7	-1	0.31	0.23	-0.08	-0.48	-0.52	0	0	0	0	0	0
1/25/2024 22:17	40101 HUNT_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1/25/2024 22:17	60801 BUCK_T1	0	0	0	0	0	0	-0.22	-0.21	0	0	0	0	0	0
1/25/2024 22:17	52102 MEIS_T1	0	0	0	0	0	0	0	0	2	2	0	900

1/25/2024 22:18	29402 BELT_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1/25/2024 22:18	58402 MORO_T1	0	0	0	0	0	0	-0.36	-0.39	2	2	0	1500	1500	0
1/25/2024 22:18	43001 ALWD_T1	40	44	4	0.29	0.31	0.02	0	0	0	0	0	0	0	0
1/25/2024 22:18	61301 EARL_T1	0	0	0	0	0	0	0.13	0.13	0	0	0	0	0	0
1/25/2024 22:18	52102 MEIS_T1	0	0	0	0	0	0	0	0	2	2	0	900	900	0
1/25/2024 22:18	54204 PENN_T2	0	2	2	0	0.1	0.1	0	0	0	0	0	0	0	0
1/25/2024 22:18	53903 HAU_T2	2	2	0	0.7	0.9	0.2	-0.59	-0.46	0	0	0	0	0	0
1/25/2024 22:18	56501 ROCK_T2	1	2	1	0.2	0.1	-0.1	-6.22	-6.3	0	0	0	0	0	0
1/25/2024 22:18	67503 WEWI_T2	0	0	0	0	0	0	-0.27	-0.27	0	0	0	0	0	0
1/25/2024 22:18	16302 ALPA_T2	0	0	0	0	0	0	0.51	0.53	0	0	0	0	0	0
1/25/2024 22:18	14403 SSLA_T1	0	0	0	0	0	0	0.48	0.47	0	0	0	0	0	0
1/25/2024 22:18	46203 DANV_T2	0	0	0	0	0	0	-0.09	-0.12	0	0	0	0	0	0
1/25/2024 22:18	67002 STHI_T2	0	0	0	0	0	0	1.06	1.06	0	0	0	0	0	0
1/25/2024 22:18	44904 SCOT_T1	0	0	0	0	0	0	0.61	0.63	0	0	0	0	0	0
1/25/2024 22:18	59101 WALK_T2	0	0	0	0	0	0	2.8	2.47	0	0	0	0	0	0
1/25/2024 22:18	29402 BELT_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1/25/2024 22:18	40603 PIGR_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1/25/2024 22:18	41801 GOCI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1/25/2024 22:18	46302 ROHR_T1	4	4	0	1.38	1.58	0.2	0.18	0.15	0	0	0	0	0	0
1/25/2024 22:18	57401 SPAN_T1	94	3	-91	0.22	0.4	0.18	-1.16	-1.17	1	1	0	600	600	0
1/25/2024 22:18	56802 BENV_T2	0	1	1	0	0.4	0.4	-3.89	-4.03	0	0	0	0	0	0
1/25/2024 22:18	54505 ENOL_T2	1	1	0	0.4	0.6	0.2	0	0	0	0	0	0	0	0
1/25/2024 22:18	56801 BENV_T1	15	14	-1	0.37	0.51	0.14	-0.82	-0.83	1	1	0	600	600	0
1/25/2024 22:18	64101 REFR_T1	0	0	0	0	0	0	-0.17	-0.18	0	0	0	0	0	0
1/25/2024 22:18	41502 FAIR_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1/25/2024 22:18	55002 NEWP_T1	4	6	2	0.4	0.35	-0.05	-0.29	-0.29	0	0	0	0	0	0
1/25/2024 22:18	13704 SCHN_T2	0	0	0	0	0	0	-0.44	-0.44	0	0	0	0	0	0
1/25/2024 22:18	62604 ENGL_T1	0	0	0	0	0	0	-1.1	-1.13	2	2	0	1200	1200	0
1/25/2024 22:18	16301 ALPA_T1	2	22	20	0.35	0.14	-0.21	-1.02	-1.02	0	0	0	0	0	0
1/25/2024 22:18	15001 BLMO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1/25/2024 22:19	67204 TEHI_T2	0	0	0	0	0	0	-0.55	-0.56	0	0	0	0	0	0
1/25/2024 22:19	53501 EVIL_T2	5	8	3	0.6	0.61	0.01	-1.02	-1.09	1	1	0	600	600	0
1/25/2024 22:19	44703 MUNC_T2	4	4	0	1.3	1.1	-0.2	0	0	0	0	0	0	0	0
1/25/2024 22:19	16402 MOPO_T1	0	0	0	0	0	0	-0.09	-0.06	0	0	0	0	0	0
1/25/2024 22:19	44601 SALE_T2	1	1	0	0.1	0.3	0.2	-0.08	-0.1	0	0	0	0	0	0
1/25/2024 22:19	67502 WEWI_T2	0	0	0	0	0	0	-0.52	-0.5	0	0	0	0	0	0
1/25/2024 22:19	10702 CATA_T2	0	1	1	0	0.2	0.2	0	0	0	0	0	0	0	0
1/25/2024 22:19	42701 AUGU_T1	1	1	0	0.6	0.9	0.3	0	0	1	1	0	600	600	0
1/25/2024 22:19	55002 NEWP_T1	4	6	2	0.4	0.35	-0.05	-0.29	-0.29	0	0	0	0	0	0
1/25/2024 22:19	52102 MEIS_T1	0	0	0	0	0	0	0	0	1	1	0	450	450	0
1/25/2024 22:19	47001 HUGH_T2	3	3	0	0.3	0.23	-0.07	-0.86	-0.84	0	0	0	0	0	0
1/25/2024 22:19	16302 ALPA_T2	0	0	0	0	0	0	1.02	1.07	0	0	0	0	0	0
1/25/2024 22:19	42902 MIDD_T2	22	29	7	0.32	0.33	0.01	-0.46	-0.44	0	0	0	0	0	0
1/25/2024 22:19	17802 GILB_T1	0	0	0	0	0	0	0.12	0.09	0	0	0	0	0	0
1/25/2024 22:19	13704 SCHN_T2	0	0	0	0	0	0	-0.44	-0.44	0	0	0	0	0	0
1/25/2024 22:19	67402 WAKE_T2	0	0	0	0	0	0	-0.47	-0.46	1	1	0	600	600	0
1/25/2024 22:19	11804 FRAN_T1	0	0	0	0	0	0	0.54	0.56	0	0	0	0	0	0
1/25/2024 22:19	41501 FAIR_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1/25/2024 22:19	54503 ENOL_T2	0	0	0	0	0	0	-1.26	-1.25	1	1	0	600	600	0
1/25/2024 22:19	59101 WALK_T2	0	0	0	0	0	0	1.4	1.24	0	0	0	0	0	0
1/25/2024 22:19	67503 WEWI_T2	0	0	0	0	0	0	-0.54	-0.54	0	0	0	0	0	0
1/25/2024 22:19	46206 DANV_T2	0	0	0	0	0	0	2.46	2.48	1	1	0	1200	1200	0
1/25/2024 22:19	17805 GILB_T2	0	0	0	0	0	0	-0.15	-0.19	0	0	0	0	0	0
1/25/2024 22:19	54203 PENN_T1	18	18	0	0.67	0.88	0.21	0	0	0	0	0	0	0	0
1/25/2024 22:19	46206 DANV_T2	0	0	0	0	0	0	2.46	2.48	1	1	0	1200	1200	0
1/25/2024 22:19	60701 BREC_T1	0	0	0	0	0	0	-0.11	-0.16	0	0	0	0	0	0
1/25/2024 22:19	52006 LING_T2	3	3	0	0.57	0.73	0.16	0	0	0	0	0	0	0	0
1/25/2024 22:19	29401 BELT_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1/25/2024 22:19	56504 ROCK_T2	0	0	0	0	0	0	-0.97	-0.96	0	0	0	0	0	0
1/25/2024 22:19	67002 STHI_T2	0	0	0	0	0	0	0.53	0.53	0	0	0	0	0	0
1/25/2024 22:19	42201 SHEN_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1/25/2024 22:19	65001 NEFF_T2	0	0	0	0	0	0	-1.02	-1.02	1	1	0	1200	1200	0
1/25/2024 22:19	41902 REED_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1/25/2024 22:19	10805 CHHI_T2	1	6	5	7.6	7.4	-0.2	-0.37	-0.4	0	0	0	0	0	0
1/25/2024 22:19	40502 CRES_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1/25/2024 22:19	40602 PIGR_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1/25/2024 22:19	59302 MCAL_T1	0	0	0	0	0	0	-0.41	-0.39	1	1	0	600	600	0
1/25/2024 22:19	45902 AUBU_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1/25/2024 22:19	28805 LAKE_T1	0	0	0	0	0	0	-0.23	-0.24	0	0	0	0	0	0
1/25/2024 22:19	20403 ASHF_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1/25/2024 22:19	45501 DERR_T2	1	1	0	0	0	0	1.79	1.27	4	2	-2	3600	1200	-2400
1/25/2024 22:19	52501 PROG_T1	0	0	0	0	0	0	0.26	0.24	1	1	0	300	300	0
1/25/2024 22:19	60201 ATGL_T2	0	0	0	0	0	0	0.27	0.3	2	2	0	600	600	0
1/25/2024 22:19	56802 BENV_T2	0	1	1	0	0.4	0.4	-2.33	-2.42	0	0	0	0	0	0
1/25/2024 22:20	13302 ORVI_T2	0	0	0	0	0	0	0.86	0.87	0	0	0	0	0	0
1/25/2024 22:20	45902 AUBU_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1/25/2024 22:20	65001 NEFF_T2	0	0	0	0	0	0	-2.04	-2.04	2	2	0	2400	2400	0
1/25/2024 22:20	41902 REED_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1/25/2024 22:20	46206 DANV_T2	0	0	0	0	0	0	2.46	2.48	1	1	0	1200	1200	0
1/25/2024 22:20	63401 HONY_T1	0	0	0	0	0	0	0.42	0.34	0	0	0	0	0	0
1/25/2024 22:20	28805 LAKE_T1	0	0	0	0	0	0	-0.23	-0.24	0	0	0	0	0	0
1/25/2024 22:20	14403 SSLA_T1	0	0	0	0	0	0	0.48	0.47	0	0	0	0	0	0
1/25/2024 22:20	66504 SMAN_T2	26	2	-24	0.11	0.15	0.04	-1.5	-1.51	1	1	0	1200	1200	0
1/25/2024 22:20	40602 PIGR_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1/25/2024 22:20	67001 STHI_T2	0	1	1	0	0.1	0.1	0	0	0	0	0	0	0	0
1/25/2024 22:20	60803 BUCK_T1	0	0	0	0	0	0	-0.56	-0.57	1	1	0	600	600	0
1/25/2024 22:20	40902 JESH_T1	42	60	18	0.18	0.18	0	-0.87	-0.79	0	0	0	0	0	0
1/25/2024 22:20	60701 BREC_T1	0	0	0	0	0	0	-0.22	-0.32	0	0	0	0	0	0
1/25/2024 22:20	10805 CHHI_T2	1	6	5	7.6	7.4	-0.2	-0.37	-0.4	0	0	0	0	0	0
1/25/2024 22:20	54203 PENN_T1	18	18	0	0.67	0.88	0.21	0	0	0	0	0	0	0	0
1/25/2024 22:20	46501 LOHA_T1	0	0	0	0	0	0	-0.18	-0.15	1	1	0	1200	1200	0
1/25/2024 22:20	46001 BERW_T1	0	0	0	0	0	0	0.77	0.77	0	0	0	0	0	0
1/25/2024 22:20	65901 SAKR_T2	1	1	0	8.8	9.5	0.7	0	0	0	0	0	0	0	0
1/25/2024 22:20	40502 CRES_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1/25/2024 22:20	67502 WEWI_T2	0	0	0	0	0	0	-0.52	-0.5	0	0	0	0	0	0
1/25/2024 22:20	64702 LITI_T2	0	0	0	0	0	0	-0.78	-0.84	0	0	0	0	0	0
1/25/2024 22:20	64201 KINZ_T1	1	3	2	1	0.33	-0.67	0	0	0	0	0	0	0	0
1/25/2024 22:20	55002 NEWP_T1	4	6	2	0.4	0.35	-0.05	-0.58	-0.58	0	0	0	0	0	0
1/25/2024 22:20	67203 TEHI_T1	0	0	0	0	0	0	2.3	2.28	2	2	0	1500	1500	0
1/25/2024 22:20	56802 BENV_T2	0	1	1	0	0.4	0.4	-2.33	-2.42	0	0	0	0	0	0
1/25/2024 22:20	53501 EVIL_T2	5	8	3	0.6	0.61	0.01	-2.04	-2.18	2	2	0	1200	1200	0
1/25/2024 22:20	46302 ROHR_T1	4	4	0	1.38	1.58	0.2	0.18	0.15	0	0	0	0	0	0
1/25/2024 22:20	46203 DANV_T2	0	0	0	0	0	0	-0.09	-0.12	0	0	0	0	0	0
1/25/2024 22:20	28604 BLYT_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1/25/2024 22:20	46004 BERW_T2	0	0	0	0	0	0	-0.86	-0.85	0	0	0	0	0	0
1/25/2024 22:20	57303 MOAL_T2	1	1	0	7	7.1	0.1	0	0	0	0	0	0	0	0
1/25/2024 22:20	62604 ENGL_T1	0	0	0	0	0	0	-0.55	-0.56	1	1	0	600	600	0
1/25/2024 22:20	15001 BLMO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1/25/2024 22:20	45402 WILO_T2	43	41	-2	0.31	0.27	-0.04	-0.83	-0.84	0	0	0	0	0	0
1/25/2024 22:20	64802 MONE_T2	1	4	3	0.1	0.13	0.03	-0.02	0.18	0	0	0	0	0	0
1/25/2024 22:20	42201 SHEN_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1/25/2024 22:20	56501 ROCK_T2	1	2	1	0.2	0.1	-0.1	-1.55	-1.57	0	0	0	0	0	0
1/25/2024 22:20	26401 INOR_T1	0	0	0	0	0	0	0.17	0.18	0	0	0	0	0	0
1/25/2024 22:20	47802 MOCA_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1/25/2024 22:20	67605 WARW_T1	0	14	14	0	0.21	0.21	-2.4	-2.46	0	0	0	0	0	0
1/25/2024 22:20	60201 ATGL_T2	0	0	0	0	0	0	0.14	0.15	1	1	0	300	300	0
1/25/2024 22:20	13704 SCHN_T2	0	0	0	0	0	0	-0.44	-0.44	0	0	0	0	0	0
1/25/2024 22:21	54206 PENN_T2	0	1	1	0	0.1	0.1	-0.1	-0.09	0	0	0	0	0	0
1/25/2024 22:21	40502 CRES_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1/25/2024 22:21	59101 WALK_T2	0	0	0	0	0	0	1.4	1.24	0	0	0	0	0	0
1/25/2024 22:21	54505 ENOL_T2	1	1	0	0.4	0.6	0.2	-3.99	-4.02	3	3	0	1800	1800	0
1/25/2024 22:21	61801 EELI_T2	0	0	0	0	0	0	-0.51	-0.49	0	0	0	0	0	0
1/25/2024 22:21	57403 SPAN_T1	59	11	-48	0.26	0.21	-0.05	0.04	0.04	0	0	0	0	0	0
1/25/2024 22:21	64204 KINZ_T1	1	1	0	1.3	0.9	-0.4	0	0	0	0	0	0	0	0
1/25/2024 22:21	56501 ROCK_T2	1	2	1	0.2	0.1	-0.1	-6.22	-6.3	0	0	0	0	0	0
1/25/2024 22:21	53901 HAU_T2	36	111	75	0.19	0.33	0.14	-1.56	-1.55	0	0	0	0	0	0
1/25/2024 22:21	41801 GOCI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1/25/2024 22:21	10801 CHHI_T1	0	0	0	0	0	0	-1.01	-1.06	1	1	0	900	900	0
1/25/2024 22:21	54503 ENOL_T2	0	0	0	0	0	0	-1.26	-1.25	1	1	0	600	600	0
1/25/2024 22:21	56801 BENV_T1	15	14	-1	0.37	0.51	0.14	-0.82	-0.83	1	1	0	600	600	0
1/25/2024 22:21	57403 SPAN_T1	59	11	-48	0.26	0.21	-0.05	0.04	0.04	0	0	0	0	0	0
1/25/2024 22:21	55105 WERT_T1	0	0	0	0	0	0	-0.7	-0.7	1	1	0	900	900	0
1/25/2024 22:21	67001 STHI_T2	0	1	1	0	0.1	0.1	0	0	0	0	0	0	0	0
1/25/2024 22:21	16301 ALPA_T1	2	22	20	0.35	0.14	-0.21	-0.51	-0.51	0	0	0	0	0	0
1/25/2024 22:21	45902 AUBU_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1/25/2024 22:21	47002 HUGH_T2	4	11	7	0.2	0.33	0.13	0	0	0	0	0	0	0	0
1/25/2024 22:21	64101 REFR_T1	0	0	0	0	0	0	-0.51	-0.55	0	0	0	0	0	0
1/25/2024 22:21	58402 MORO_T1	0	0	0	0	0	0	-0.36	-0.39	2	2	0	1500	1500	0
1/25/2024 22:21	55002 NEWP_T1	4	6	2	0.4	0.35	-0.05	-0.29	-0.29	0	0	0	0	0	0
1/25/2024 22:21	53501 EVIL_T2	5	8	3	0.6	0.61	0.01	-1.02	-1.09	1	1	0	600	600	0
1/25/2024 22:21	44301 BEAV_T2	0	0	0	0	0	0	0.01	-0.15	1	1	0	600	600	0
1/25/2024 22:21	56802 BENV_T2	0	1	1	0	0.4	0.4	-2.33	-2.42	0	0	0	0	0	0
1/25/2024 22:21	29402 BELT_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1/25/2024 22:21	43201 MVIL_T2	0	0	0	0	0	0	-0.39	-0.42	0	0	0	0	0	0
1/25/2024 22:21	62604 ENGL_T1	0	0	0	0	0	0	-0.55	-0.56	1	1	0	600	600	0
1/25/2024 22:21	22601 KIMB_T1	0	0	0	0	0	0	0.25	0.24	0	0	0	0	0	0
1/25/2024 22:21	51107 CARL_T1	0	0	0	0	0	0	-0.23	-0.14	0	0	0	0	0	0
1/25/2024 22:22	64101 REFR_T1	0	0	0	0	0	0	-0.17	-0.18	0	0	0	0	0	0
1/25/2024 22:22	40502 CRES_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1/25/2024 22:22	53901 HAU_T2	36	111	75	0.19	0.33	0.14	0	0	0	0	0	0	0	0
1/25/2024 22:22	15001 BLMO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1/25/2024 22:22	17804 GILB_T2	0	0	0	0	0	0	-0.58	-0.57	0	0	0	0	0	0
1/25/2024 22:22	57401 SPAN_T1	94	3	-91	0.22	0.4	0.18	-3.48	-3.5	3	3	0	1800	1800	0
1/25/2024 22:22	66504 SMAN_T2	26	2	-24	0.11	0.15	0.04	0	0	0	0	0	0	0	0
1/25/2024 22:22	64702 LITI_T2	0	0	0	0	0	0	-0.78	-0.84	0	0	0	0	0	0
1/25/2024 22:22	65901 SAKR_T2	1	1	0	8.8	9.5	0.7	-1.52	-1.53	1	1	0	900	900	0
1/25/2024 22:22	51107 CARL_T1	0	0	0	0	0	0	-0.23	-0.14	0	0	0	0	0	0
1/25/2024 22:22	17802 GILB_T1	0	0	0	0	0	0	0.12	0.09	0	0	0	0	0	0
1/25/2024 22:22	54505 ENOL_T2	1	1	0	0.4	0.6	0.2	0	0	0	0	0	0	0	0
1/25/2024 22:22	16302 ALPA_T2	0	0	0	0	0	0	0.51	0.53	0	0	0	0	0	0
1/25/2024 22:22	56802 BENV_T2	0	1	1	0	0.4	0.4	-1.55	-1.61	0	0	0	0	0	0
1/25/2024 22:22	16301 ALPA_T1	2	22	20	0.35	0.14	-0.21	-0.51	-0.51	0	0	0	0	0	0
1/25/2024 22:22	58402 MORO_T1	0	0	0	0	0	0	-0.36	-0.39	2	2	0	1500	1500	0
1/25/2024 22:23	54204 PENN_T2	0	2	2	0	0.1	0.1	0	0	0	0	0	0	0	0
1/25/2024 22:23	64101 REFR_T1	0	0	0	0	0	0	-0.17	-0.18	0	0	0	0	0	0
1/25/2024 22:23	52102 MEIS_T1	0	0	0	0	0	0	0	0	1	1	0	450	450	0
1/25/2024 22:23	56501 ROCK_T2	1	2	1	0.2	0.1	-0.1	-1.55	-1.57	0	0	0	0	0	0
1/25/2024 22:24	65001 NEFF_T2	0	0	0	0	0	0	-1.02	-1.04	1	1	0	1200	1200	0
1/25/2024 22:27	66703 STRA_T1	38	14	-24	0.34	0.52	0.18	-0.41	-0.46	0	0	0	0	0	0
1/25/2024 22:28	28805 LAKE_T1	0	0	0	0	0	0	-0.24	-0.24	0	0	0	0	0	0
1/25/2024 22:30	57403 SPAN_T1	11	24	13	0.21	0.24	0.03	0	0	0	0	0	0	0	0
1/25/2024 22:39	64204 KINZ_T1	1	1	0	0.8	0.9	0.1	0	0	0	0	0	0	0	0
1/25/2024 22:40	64202 KINZ_T1	3	3	0	1	0.57	-0.43	0	0	0	0	0	0	0	0
1/25/2024 22:49	67002 STHI_T2	0	0	0	0	0	0	0.5	0.49	0	0	0	0	0	0
1/25/2024 22:55	65001 NEFF_T2	0	0	0	0	0	0	-1.05	-0.99	1	1	0	1200	1200	0
1/25/2024 22:58	60701 BREC_T1	0	0	0	0	0	0	-0.08	-0.09	0	0	0	0	0	0
1/25/2024 22:59	64203 KINZ_T1	0	0	0	0	0	0	0.05	0.01	0	0	0	0	0	0
1/25/2024 23:00	64204 KINZ_T1	1	1	0	0.8	0.7	-0.1	0	0	0	0	0	0	0	0
1/25/2024 23:19	64201 KINZ_T1	1	1	0	0.8	0.8	0	0	0	0	0	0	0	0	0
1/25/2024 23:20	64204 KINZ

1/26/2024 13:13	67204 TEHI_T2	0	0	0	0	0	0	-0.11	-0.12	0	0	0	0	0	0
1/26/2024 13:14	54502 ENOL_T2	1	1	0	0.4	0.3	-0.1	0	0	0	0	0	0	0	0
1/26/2024 13:14	39601 LNFD_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1/26/2024 13:16	64702 LITI_T2	0	0	0	0	0	0	-0.76	-0.65	0	0	0	0	0	0
1/26/2024 13:29	55002 NEWP_T1	5	6	1	1.1	1.12	0.02	-0.25	-0.25	0	0	0	0	0	0
1/26/2024 13:29	42903 MIDD_T2	3	5	2	1.57	1.14	-0.43	0.07	-0.05	0	0	0	0	0	0
1/26/2024 13:30	64801 MONE_T2	90	141	51	0.35	0.27	-0.08	0	0	0	0	0	0	0	0
1/26/2024 13:31	58402 MORO_T1	0	0	0	0	0	0	-0.27	-0.24	2	2	0	1500	1500	0
1/26/2024 13:32	64802 MONE_T2	30	127	97	0.12	0.18	0.06	-0.06	-0.04	0	0	0	0	0	0
1/26/2024 13:33	54204 PENN_T2	2	3	1	0.35	0.43	0.08	0	0	0	0	0	0	0	0
1/26/2024 13:34	65004 NEFF_T2	0	0	0	0	0	0	-0.55	-0.54	0	0	0	0	0	0
1/26/2024 13:34	54202 PENN_T2	5	82	77	0.1	0.15	0.05	0.64	0.64	0	0	0	0	0	0
1/26/2024 13:34	67502 WEWI_T2	0	17	17	0	0.12	0.12	-0.52	-0.47	0	0	0	0	0	0
1/26/2024 13:35	13302 ORVI_T2	0	0	0	0	0	0	1.11	1.01	0	0	0	0	0	0
1/26/2024 13:35	55001 NEWP_T1	1	0	-1	0.4	0	-0.4	0	0	0	0	0	0	0	0
1/26/2024 13:35	40602 PIGR_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1/26/2024 13:36	58402 MORO_T1	0	0	0	0	0	0	-0.27	-0.24	2	2	0	1500	1500	0
1/26/2024 13:37	58402 MORO_T1	0	0	0	0	0	0	-0.27	-0.24	2	2	0	1500	1500	0
1/26/2024 13:38	59101 WALK_T2	0	0	0	0	0	0	1.49	1.52	0	0	0	0	0	0
1/26/2024 13:38	29402 BELT_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1/26/2024 13:38	43101 SMIL_T2	0	0	0	0	0	0	-0.84	-0.83	0	0	0	0	0	0
1/26/2024 13:38	45902 AUBU_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1/26/2024 13:39	56802 BENV_T2	2	5	3	0.5	0.38	-0.12	-1.47	-1.42	0	0	0	0	0	0
1/26/2024 13:39	46203 DANV_T2	0	0	0	0	0	0	-0.15	-0.18	0	0	0	0	0	0
1/26/2024 13:39	45901 AUBU_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1/26/2024 13:40	46203 DANV_T2	0	0	0	0	0	0	-0.15	-0.18	0	0	0	0	0	0
1/26/2024 13:40	44302 BEAV_T2	73	67	-6	0.28	0.21	-0.07	0.27	0.27	0	0	0	0	0	0
1/26/2024 13:40	46004 BERW_T2	1	2	1	0.1	0.15	0.05	-0.79	-0.82	0	0	0	0	0	0
1/26/2024 13:40	45902 AUBU_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1/26/2024 13:40	67402 WAKE_T2	0	0	0	0	0	0	0.41	0.42	1	1	0	600	600	0
1/26/2024 13:40	56802 BENV_T2	2	5	3	0.5	0.38	-0.12	-2.2	-2.13	0	0	0	0	0	0
1/26/2024 13:41	56802 BENV_T2	2	5	3	0.5	0.38	-0.12	-0.72	-0.71	0	0	0	0	0	0
1/26/2024 13:41	46004 BERW_T2	1	2	1	0.1	0.15	0.05	-0.79	-0.82	0	0	0	0	0	0
1/26/2024 13:41	46203 DANV_T2	0	0	0	0	0	0	-0.15	-0.18	0	0	0	0	0	0
1/26/2024 13:42	54501 ENOL_T2	0	4	4	0	0.28	0.28	0	0	0	0	0	0	0	0
1/26/2024 13:42	41801 GOCI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1/26/2024 13:42	56802 BENV_T2	2	5	3	0.5	0.38	-0.12	-1.47	-1.42	0	0	0	0	0	0
1/26/2024 13:42	67204 TEHI_T2	0	0	0	0	0	0	-0.28	-0.25	0	0	0	0	0	0
1/26/2024 13:43	54501 ENOL_T2	0	4	4	0	0.28	0.28	0	0	0	0	0	0	0	0
1/26/2024 13:43	56802 BENV_T2	2	5	3	0.5	0.38	-0.12	-0.73	-0.71	0	0	0	0	0	0
1/26/2024 13:44	54501 ENOL_T2	0	4	4	0	0.28	0.28	0	0	0	0	0	0	0	0
1/26/2024 13:44	10801 CHHI_T1	0	0	0	0	0	0	0	0	1	1	0	900	900	0
1/26/2024 13:45	54502 ENOL_T2	2	15	13	0.35	0.15	-0.2	0	0	0	0	0	0	0	0
1/26/2024 13:45	42901 MIDD_T2	93	50	-43	0.22	0.18	-0.04	0	0	0	0	0	0	0	0
1/26/2024 13:45	64702 LITI_T2	0	0	0	0	0	0	-1.51	-1.49	0	0	0	0	0	0
1/26/2024 13:45	67402 WAKE_T2	0	0	0	0	0	0	0.41	0.42	1	1	0	600	600	0
1/26/2024 13:46	55002 NEWP_T1	6	6	0	1.12	1.07	-0.05	-0.25	-0.25	0	0	0	0	0	0
1/26/2024 13:46	59302 MCAL_T1	0	0	0	0	0	0	-0.23	-0.26	1	1	0	600	600	0
1/26/2024 13:46	52102 MEIS_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1/26/2024 13:46	26401 INOR_T1	0	0	0	0	0	0	0.74	0.93	0	0	0	0	0	0
1/26/2024 13:46	41801 GOCI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1/26/2024 13:47	13302 ORVI_T2	0	0	0	0	0	0	1.01	1	0	0	0	0	0	0
1/26/2024 13:47	58402 MORO_T1	0	0	0	0	0	0	-0.71	-0.54	6	0	0	4500	4500	0
1/26/2024 13:47	56802 BENV_T2	2	5	3	0.65	0.4	-0.25	-0.73	-0.71	0	0	0	0	0	0
1/26/2024 13:47	64801 MONE_T2	111	151	40	0.28	0.28	0	0	0	0	0	0	0	0	0
1/26/2024 13:48	57304 MOAL_T2	3	3	0	0.3	0.4	0.1	-0.65	-0.59	0	0	0	0	0	0
1/26/2024 13:48	64204 KINZ_T1	1	1	0	1.3	1.2	-0.1	0	0	0	0	0	0	0	0
1/26/2024 13:48	13302 ORVI_T2	0	0	0	0	0	0	1.01	1	0	0	0	0	0	0
1/26/2024 13:48	43202 MVIL_T2	2	0	-2	0.1	0	-0.1	-0.71	-0.72	0	0	0	0	0	0
1/26/2024 13:48	55002 NEWP_T1	6	6	0	1.12	1.07	-0.05	-0.25	-0.25	0	0	0	0	0	0
1/26/2024 13:48	67502 WEWI_T2	0	18	18	0	0.14	0.14	-0.47	-0.46	0	0	0	0	0	0
1/26/2024 13:49	55002 NEWP_T1	6	6	0	1.12	1.07	-0.05	-0.25	-0.25	0	0	0	0	0	0
1/26/2024 13:49	56501 ROCK_T2	32	75	43	0.42	0.25	-0.17	-1.69	-1.7	0	0	0	0	0	0
1/26/2024 13:50	56504 ROCK_T2	2	3	1	0.15	0.17	0.02	0	0	0	0	0	0	0	0
1/26/2024 13:50	67001 STHI_T2	1	1	0	0.4	0.5	0.1	0	0	0	0	0	0	0	0
1/26/2024 13:50	54206 PENN_T2	4	20	16	0.25	0.19	-0.06	0	0	0	0	0	0	0	0
1/26/2024 13:50	57401 SPAN_T1	49	70	21	0.17	0.18	0.01	-1.08	-1.07	1	1	0	600	600	0
1/26/2024 13:50	13302 ORVI_T2	0	0	0	0	0	0	2.02	2.01	0	0	0	0	0	0
1/26/2024 13:50	57304 MOAL_T2	3	3	0	0.3	0.4	0.1	-0.65	-0.59	0	0	0	0	0	0
1/26/2024 13:50	14403 SSLA_T1	0	0	0	0	0	0	0.74	0.77	0	0	0	0	0	0
1/26/2024 13:51	42802 SELI_T1	0	1	1	0	0.1	0.1	0.11	0.1	0	1	1	0	900	900
1/26/2024 13:51	67002 STHI_T2	0	0	0	0	0	0	0.61	0.61	0	0	0	0	0	0
1/26/2024 13:51	41902 REED_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1/26/2024 13:51	55002 NEWP_T1	6	6	0	1.12	1.07	-0.05	-0.5	-0.5	0	0	0	0	0	0
1/26/2024 13:52	42801 SELI_T1	1	1	0	0	0	0	0	0	0	0	0	0	0	0
1/26/2024 13:52	64204 KINZ_T1	1	1	0	1.3	1.2	-0.1	0	0	0	0	0	0	0	0
1/26/2024 13:52	46004 BERW_T2	1	1	0	0.1	0.3	0.2	-0.79	-0.82	0	0	0	0	0	0
1/26/2024 13:52	57401 SPAN_T1	49	70	21	0.17	0.18	0.01	0	0	0	0	0	0	0	0
1/26/2024 13:52	45902 AUBU_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1/26/2024 13:52	41902 REED_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1/26/2024 13:52	67002 STHI_T2	0	0	0	0	0	0	1.22	1.22	0	0	0	0	0	0
1/26/2024 13:52	14403 SSLA_T1	0	0	0	0	0	0	0.74	0.77	0	0	0	0	0	0
1/26/2024 13:53	28604 BLYT_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1/26/2024 13:53	57403 SPAN_T1	91	65	-26	0.25	0.23	-0.02	0.01	0.03	0	0	0	0	0	0
1/26/2024 13:53	45902 AUBU_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1/26/2024 13:53	41902 REED_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1/26/2024 13:53	56802 BENV_T2	2	5	3	0.65	0.4	-0.25	-0.73	-0.71	0	0	0	0	0	0
1/26/2024 13:54	56802 BENV_T2	2	5	3	0.65	0.4	-0.25	-0.71	-0.74	0	0	0	0	0	0
1/26/2024 13:54	55002 NEWP_T1	6	6	0	1.12	1.07	-0.05	-0.25	-0.26	0	0	0	0	0	0
1/26/2024 13:54	67001 STHI_T2	1	1	0	0.4	0.5	0.1	0	0	0	0	0	0	0	0
1/26/2024 13:55	56802 BENV_T2	2	5	3	0.65	0.4	-0.25	-0.71	-0.74	0	0	0	0	0	0
1/26/2024 13:55	67001 STHI_T2	1	1	0	0.4	0.5	0.1	0	0	0	0	0	0	0	0
1/26/2024 13:56	54505 ENOL_T2	2	2	0	0.7	0.8	0.1	0	0	0	0	0	0	0	0
1/26/2024 13:56	67402 WAKE_T2	0	0	0	0	0	0	0.42	0.43	1	1	0	600	600	0
1/26/2024 13:57	54503 ENOL_T2	0	0	0	0	0	0	-1.32	-1.31	1	1	0	600	600	0
1/26/2024 13:57	54505 ENOL_T2	2	2	0	0.7	0.8	0.1	-1.38	-1.39	1	1	0	600	600	0
1/26/2024 13:57	43001 ALWD_T1	7	9	2	0.11	0.16	0.05	0	0	0	0	0	0	0	0
1/26/2024 13:57	45902 AUBU_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1/26/2024 13:58	54503 ENOL_T2	0	0	0	0	0	0	-2.63	-2.62	2	2	0	1200	1200	0
1/26/2024 13:58	28604 BLYT_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1/26/2024 13:58	54501 ENOL_T2	3	4	1	0.1	0.4	0.3	0	0	0	0	0	0	0	0
1/26/2024 13:58	54505 ENOL_T2	2	2	0	0.7	0.8	0.1	0	0	0	0	0	0	0	0
1/26/2024 14:00	54502 ENOL_T2	2	17	15	0.35	0.15	-0.2	-1.16	-1.16	1	1	0	600	600	0
1/26/2024 14:00	54501 ENOL_T2	4	4	0	0.28	0.4	0.12	0	0	0	0	0	0	0	0
1/26/2024 14:00	52102 MEIS_T1	0	0	0	0	0	0	0	0	0	1	1	0	450	450
1/26/2024 14:01	54501 ENOL_T2	4	4	0	0.28	0.4	0.12	0	0	0	0	0	0	0	0
1/26/2024 14:01	54505 ENOL_T2	2	2	0	0.8	0.75	-0.05	0	0	0	0	0	0	0	0
1/26/2024 14:01	67402 WAKE_T2	0	0	0	0	0	0	0.42	0.43	1	1	0	600	600	0
1/26/2024 14:01	66703 STRA_T1	0	0	0	0	0	0	-0.25	-0.13	0	0	0	0	0	0
1/26/2024 14:02	52004 LING_T2	1	1	0	0.6	0.7	0.1	0.17	0.16	0	0	0	0	0	0
1/26/2024 14:02	67502 WEWI_T2	17	14	-3	0.12	0.14	0.02	-0.46	-0.47	0	0	0	0	0	0
1/26/2024 14:03	67502 WEWI_T2	17	14	-3	0.12	0.14	0.02	-0.92	-0.95	0	0	0	0	0	0
1/26/2024 14:03	64702 LITI_T2	0	0	0	0	0	0	-0.74	-0.67	0	0	0	0	0	0
1/26/2024 14:03	64101 REFR_T1	0	0	0	0	0	0	-0.2	-0.16	0	0	0	0	0	0
1/26/2024 14:03	42902 MIDD_T2	46	30	-16	0.38	0.31	-0.07	0	0	0	0	0	0	0	0
1/26/2024 14:04	64101 REFR_T1	0	0	0	0	0	0	-0.4	-0.32	0	0	0	0	0	0
1/26/2024 14:04	52102 MEIS_T1	0	0	0	0	0	0	0	0	0	1	1	0	450	450
1/26/2024 14:05	67002 STHI_T2	0	0	0	0	0	0	1.22	1.12	0	0	0	0	0	0
1/26/2024 14:05	56504 ROCK_T2	3	1	-2	0.17	0.2	0.03	0	0	0	0	0	0	0	0
1/26/2024 14:05	64101 REFR_T1	0	0	0	0	0	0	-0.2	-0.16	0	0	0	0	0	0
1/26/2024 14:06	56504 ROCK_T2	3	1	-2	0.17	0.2	0.03	-0.39	-0.37	0	0	0	0	0	0
1/26/2024 14:06	56504 ROCK_T2	3	1	-2	0.17	0.2	0.03	-0.39	-0.37	0	0	0	0	0	0
1/26/2024 14:06	64801 MONE_T2	128	180	52	0.26	0.31	0.05	0	0	0	0	0	0	0	0
1/26/2024 14:06	64101 REFR_T1	0	0	0	0	0	0	-0.2	-0.16	0	0	0	0	0	0
1/26/2024 14:06	67602 WARW_T2	1	2	1	0	0	0	2.13	3.43	0	0	0	0	0	0
1/26/2024 14:06	67001 STHI_T2	1	1	0	0.5	0.4	-0.1	0	0	0	0	0	0	0	0
1/26/2024 14:07	56501 ROCK_T2	40	91	51	0.31	0.25	-0.06	-1.7	-1.69	0	0	0	0	0	0
1/26/2024 14:07	65001 NEFF_T2	8	181	173	0.11	0.17	0.06	-0.62	-0.68	1	1	0	1200	1200	0
1/26/2024 14:07	66505 SMAN_T2	2	1	-1	0.15	0.2	0.05	0	0	0	0	0	0	0	0
1/26/2024 14:07	46001 BERW_T1	0	0	0	0	0	0	0.88	0.94	0	0	0	0	0	0
1/26/2024 14:07	45902 AUBU_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1/26/2024 14:07	46302 ROHR_T1	2	4	2	3.7	1.85	-1.85	0.16	0.16	0	0	0	0	0	0
1/26/2024 14:07	67402 WAKE_T2	0	0	0	0	0	0	0.42	0.43	1	1	0	600	600	0
1/26/2024 14:07	67001 STHI_T2	1	1	0	0.5	0.4	-0.1	0	0	0	0	0	0	0	0
1/26/2024 14:08	45902 AUBU_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1/26/2024 14:08	56802 BENV_T2	5	1	-4	0.38	1.5	1.12	-0.71	-0.74	0	0	0	0	0	0
1/26/2024 14:08	67001 STHI_T2	1	1	0	0.5	0.4	-0.1	0	0	0	0	0	0	0	0
1/26/2024 14:08	46004 BERW_T2	1	1	0	0.2	0.3	0.1	-1.64	-1.68	0	0	0	0	0	0
1/26/2024 14:08	60701 BREC_T1	0	0	0	0	0	0	-0.37	-0.38	1	1	0	600	600	0
1/26/2024 14:08	64101 REFR_T1	0	0	0	0	0	0	-0.2	-0.16	0	0	0	0	0	0
1/26/2024 14:08	66505 SMAN_T2	2	1	-1	0.15	0.2	0.05	0	0	0	0	0	0	0	0
1/26/2024 14:08	66901 SHIL_T2	0	0	0	0	0	0	-1.69	-1.66	1	1	0	1200	1200	0
1/26/2024 14:08	67602 WARW_T2	1	2	1	0	0	0	1.06	1.72	0	0	0	0	0	0
1/26/2024 14:09	67402 WAKE_T2	0	0	0	0	0	0	0.43	0.23	1	1	0	600	600	0
1/26/2024 14:09	28604 BLYT_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1/26/2024 14:09	43001 ALWD_T1	1	13	12	0.1	0.18	0.08	0	0	0	0	0	0	0	0
1/26/2024 14:09	59102 WALK_T2	1	0	-1	0.2	0	-0.2	0	0	0	0	0	0	0	0
1/26/2024 14:10	56802 BENV_T2	5	1	-4	0.38	1.5	1.12	-2.21	-2.12	0	0	0	0	0	0
1/26/2024 14:10	46001 BERW_T1	0	0	0	0	0	0	0.94	0.88	0	0	0	0	0	0
1/26/2024 14:10	27502 WEIS_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1/26/2024 14:10	45902 AUBU_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1/26/2024 14:10	10801 CHHI_T1	0	0	0	0	0	0	0	0	1	1	0	900	900	0
1/26/2024 14:11	56802 BENV_T2	5	1	-4	0.38	1.5	1.12	-2.94	-2.83	0	0	0	0	0	0
1/26/2024 14:11	54501 ENOL_T2	4	4	0	0.28	0.4	0.12	0	0	0	0	0	0	0	0
1/26/2024 14:11	54501 ENOL_T2	4	4	0	0.28	0.4	0.12	0	0	0	0	0	0	0	0
1/26/2024 14:11	45902 AUBU_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1/26/2024 14:12	56802 BENV_T2	5	1	-4	0.38	1.5	1.12	-1.47	-1.42	0	0	0	0	0	0
1/26/2024 14:12	67402 WAKE_T2	0	0	0	0	0	0	0.43	0.23	1	1	0	600	600	0
1/26/2024 14:12	46004 BERW_T2	1	1	0	0.2	0.3	0.1	-0.82	-0.84	0	0	0	0	0	0
1/26/2024 14:12	45902 AUBU_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1/26/2024 14:12	60701 BREC_T1	0	0	0	0	0	0	-0.77	-0.77	2	2	0	1200	1200	0
1/26/2024 14:13	54503 ENOL_T2	0	0	0	0	0	0	-2.62	-2.64	2	2	0	1200	1200	0
1/26/2024 14:13	54505 ENOL_T2	2	2	0	0.8	0.75	-0.05	-1.39	-1.41	1	1	0	600	600	0
1/26/2024 14:13	45902 AUBU_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1/26/2024 14:13	61303 EARL_T1	0	0	0	0	0	0	0.53	0.43	0	0	0	0	0	0
1/26/2024 14:13	43001 ALWD_T1	1	13	12	0.1	0.18	0.08	0	0	0	0	0	0	0	0
1/26/2024 14:13	41801 GOCI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1/26/2024 14:13	56802 BENV_T2	5	1	-4	0.38	1.5	1.12	-0.74	-0.71	0	0	0	0	0	0
1/26/2024 14:14	54505 ENOL_T2	2	2	0	0.8	0.75	-0.05	-1.39	-1.41	1	1	0	600	600	0
1/26/2024 14:14	54505 ENOL_T2	2	2	0	0.8	0.75	-0.05	-1.39	-1.41	1	1	0	600	600	0
1/26/2024 14:14	54505 ENOL_T2	2	2	0	0.8	0.75	-0.05	-1.39	-1.41	1	1	0	600	600	0
1/26/2024 14:14	54503 ENOL_T2	0	0	0	0	0	0	-1.31	-1.32	1	1	0	600	600	0
1/26/2024 14:14	56802 BENV_T2	5	1	-4	0.38	1.5	1.12	-2.94	-2.83	0	0	0	0	0	0
1/26/2024 14:14	64702 LITI_T2	0	0	0	0	0	0	0	-0.67	0	0	0	0	0	0
1/26/2024 14:14	41801 GOCI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1/26/2024 14:14	45702 LIND_T2	18	72	54	0.27	0.2	-0.07	-0.6	-0.55	0	0	0	0	0	0
1/26/2024 14:14	61303 EARL_T1	0	0	0	0	0	0	1.06	0.86	0	0	0	0	0	0
1/26/2024 14:15	54502 ENOL_T2	15	5	-10	0.15	0.22	0.07	0	0	0	0	0	0	0	0
1/26/2024 14:16	67503 WEWI_T2	0	0

1/26/2024 14:22	67602 WARW_T2	1	2	1	0	0.8	0.8	1.72	1.67	0	0	0	0	0	0
1/26/2024 14:22	55001 NEWP_T1	0	9	9	0	0.19	0.19	0	0	0	0	0	0	0	0
1/26/2024 14:22	46001 BERW_T1	0	0	0	0	0	0	0.94	0.88	0	0	0	0	0	0
1/26/2024 14:23	57401 SPAN_T1	70	26	-44	0.18	0.22	0.04	-4.31	-4.43	4	4	0	2400	2400	0
1/26/2024 14:23	46004 BERW_T2	1	0	-1	0.3	0	-0.3	-0.84	-0.88	0	0	0	0	0	0
1/26/2024 14:23	67001 STHI_T2	1	1	0	0.2	0.4	0.2	0	0	0	0	0	0	0	0
1/26/2024 14:23	66505 SMAN_T2	0	2	2	0	0.3	0.3	0	0	0	0	0	0	0	0
1/26/2024 14:23	45402 WBLO_T2	55	63	8	0.36	0.46	0.1	-0.9	-0.9	0	0	0	0	0	0
1/26/2024 14:23	43001 ALWD_T1	9	14	5	0.16	0.22	0.06	0	0	0	0	0	0	0	0
1/26/2024 14:24	64101 REFR_T1	0	0	0	0	0	0	-0.16	-0.19	0	0	0	0	0	0
1/26/2024 14:24	46001 BERW_T1	0	0	0	0	0	0	0.88	0.87	0	0	0	0	0	0
1/26/2024 14:24	67605 WARW_T1	8	14	6	0.24	0.32	0.08	-0.93	-0.92	0	0	0	0	0	0
1/26/2024 14:24	27502 WEIS_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1/26/2024 14:24	45902 AUBU_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1/26/2024 14:24	29402 BELT_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1/26/2024 14:24	28604 BLYT_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1/26/2024 14:24	57403 SPAN_T1	60	117	57	0.23	0.23	0	-0.02	-0.01	0	0	0	0	0	0
1/26/2024 14:24	56802 BENV_T2	1	1	0	1.5	1.4	-0.1	-2.83	-2.95	0	0	0	0	0	0
1/26/2024 14:25	57403 SPAN_T1	60	117	57	0.23	0.23	0	0	0	0	0	0	0	0	0
1/26/2024 14:25	67402 WAKE_T2	0	0	0	0	0	0	0.23	-0.14	1	1	0	600	600	0
1/26/2024 14:25	44302 BEAV_T2	0	91	91	0	0.21	0.21	0	0	0	0	0	0	0	0
1/26/2024 14:25	59101 WALK_T2	0	0	0	0	0	0	2.93	2.76	0	0	0	0	0	0
1/26/2024 14:25	56802 BENV_T2	1	1	0	1.5	1.4	-0.1	-1.42	-1.47	0	0	0	0	0	0
1/26/2024 14:25	65003 NEFF_T2	59	98	39	0.13	0.23	0.1	0	0	0	0	0	0	0	0
1/26/2024 14:25	56801 BENV_T1	47	50	3	0.8	1.02	0.22	-0.89	-0.89	1	1	0	600	600	0
1/26/2024 14:25	43001 ALWD_T1	9	14	5	0.16	0.22	0.06	0	0	0	0	0	0	0	0
1/26/2024 14:25	43202 MVIL_T2	0	9	9	0	0.12	0.12	-0.69	-0.71	0	0	0	0	0	0
1/26/2024 14:25	29402 BELT_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1/26/2024 14:25	46001 BERW_T1	0	0	0	0	0	0	0.88	0.87	0	0	0	0	0	0
1/26/2024 14:26	64101 REFR_T1	0	0	0	0	0	0	-0.16	-0.19	0	0	0	0	0	0
1/26/2024 14:26	54505 ENOL_T2	2	1	-1	0.75	1.3	0.55	-1.41	-1.39	1	1	0	600	600	0
1/26/2024 14:26	56802 BENV_T2	1	1	0	1.5	1.4	-0.1	-2.12	-2.21	1	0	0	0	0	0
1/26/2024 14:26	44301 BEAV_T2	0	2	2	0	0.15	0.15	-0.88	-0.57	1	1	0	600	600	0
1/26/2024 14:26	46001 BERW_T1	0	0	0	0	0	0	0.88	0.87	0	0	0	0	0	0
1/26/2024 14:26	45902 AUBU_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1/26/2024 14:26	67502 WEWI_T2	11	14	3	0.15	0.11	-0.04	-0.5	-0.48	0	0	0	0	0	0
1/26/2024 14:26	43001 ALWD_T1	9	14	5	0.16	0.22	0.06	0	0	0	0	0	0	0	0
1/26/2024 14:27	54503 ENOL_T2	0	0	0	0	0	0	-2.64	-2.57	2	2	0	1200	1200	0
1/26/2024 14:27	45901 AUBU_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1/26/2024 14:27	44301 BEAV_T2	0	2	2	0	0.15	0.15	-0.88	-0.57	1	1	0	600	600	0
1/26/2024 14:27	45901 AUBU_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1/26/2024 14:27	56802 BENV_T2	1	1	0	1.5	1.4	-0.1	-2.12	-2.21	0	0	0	0	0	0
1/26/2024 14:27	40902 JESH_T1	0	1	1	0	0.1	0.1	-0.72	-0.81	0	0	0	0	0	0
1/26/2024 14:27	67502 WEWI_T2	11	14	3	0.15	0.11	-0.04	-1	-0.96	0	0	0	0	0	0
1/26/2024 14:28	56802 BENV_T2	1	1	0	1.5	1.4	-0.1	-1.42	-1.47	0	0	0	0	0	0
1/26/2024 14:28	26401 INOR_T1	0	0	0	0	0	0	0.89	0.91	0	0	0	0	0	0
1/26/2024 14:28	67402 WAKE_T2	0	0	0	0	0	0	0.23	-0.14	1	1	0	600	600	0
1/26/2024 14:28	54204 PENN_T2	3	3	0	0.47	0.47	0	0	0	0	0	0	0	0	0
1/26/2024 14:28	56801 BENV_T1	47	50	3	0.8	1.02	0.22	-0.89	-0.89	1	1	0	600	600	0
1/26/2024 14:28	67602 WARW_T2	1	2	1	0	0.8	0.8	1.67	1.59	0	0	0	0	0	0
1/26/2024 14:29	56802 BENV_T2	1	1	0	1.5	1.4	-0.1	-0.71	-0.74	0	0	0	0	0	0
1/26/2024 14:29	41801 GOCI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1/26/2024 14:29	54502 ENOL_T2	15	5	-10	0.15	0.22	0.07	0	0	0	0	0	0	0	0
1/26/2024 14:29	67204 TEHI_T2	0	0	0	0	0	0	-0.12	-0.14	0	0	0	0	0	0
1/26/2024 14:29	45902 AUBU_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1/26/2024 14:29	61303 EARL_T1	0	0	0	0	0	0	0.43	0.21	0	0	0	0	0	0
1/26/2024 14:29	17002 RIRO_T2	0	0	0	0	0	0	0.48	0.47	0	0	0	0	0	0
1/26/2024 14:30	42903 MIDD_T2	2	2	0	2.05	2.1	0.05	0	0	0	0	0	0	0	0
1/26/2024 14:30	65001 NEFF_T2	178	213	35	0.17	0.19	0.02	-0.7	-0.79	1	1	0	1200	1200	0
1/26/2024 14:30	64902 MILL_T2	0	0	0	0	0	0	-0.77	-0.75	1	1	0	900	900	0
1/26/2024 14:30	64702 LITI_T2	0	0	0	0	0	0	-0.7	-0.71	0	0	0	0	0	0
1/26/2024 14:30	67602 WARW_T2	2	2	0	1	0	-1	1.67	1.59	0	0	0	0	0	0
1/26/2024 14:30	44702 MUNC_T2	75	131	56	0.21	0.33	0.12	0	0	0	0	0	0	0	0
1/26/2024 14:30	64202 KINZ_T1	3	3	0	0.4	0.3	-0.1	0	0	0	0	0	0	0	0
1/26/2024 14:30	54501 ENOL_T2	3	4	1	0.27	0.15	-0.12	0	0	0	0	0	0	0	0
1/26/2024 14:30	12701 MACU_T1	0	0	0	0	0	0	0.04	0.04	0	0	0	0	0	0
1/26/2024 14:30	67204 TEHI_T2	0	0	0	0	0	0	-0.12	-0.14	0	0	0	0	0	0
1/26/2024 14:30	15001 BLMO_T1	4	4	0	0.15	0.18	0.03	0	0	0	0	0	0	0	0
1/26/2024 14:30	61303 EARL_T1	0	0	0	0	0	0	0.43	0.21	0	0	0	0	0	0
1/26/2024 14:30	28604 BLYT_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1/26/2024 14:30	45702 LIND_T2	58	115	57	0.21	0.29	0.08	-0.55	-0.54	0	0	0	0	0	0
1/26/2024 14:31	42903 MIDD_T2	2	2	0	2.05	2.1	0.05	0	0	0	0	0	0	0	0
1/26/2024 14:31	40101 HUNT_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1/26/2024 14:31	12701 MACU_T1	0	0	0	0	0	0	0.04	0.04	0	0	0	0	0	0
1/26/2024 14:31	10805 CHHI_T2	1	1	0	7.1	6.9	-0.2	0	0	0	0	0	0	0	0
1/26/2024 14:32	42903 MIDD_T2	2	2	0	2.05	2.1	0.05	0	0	0	0	0	0	0	0
1/26/2024 14:32	67503 WEWI_T2	0	0	0	0	0	0	-0.49	-0.56	0	0	0	0	0	0
1/26/2024 14:32	42002 MNVL_T2	1	1	0	6.2	6	-0.2	0	0	0	0	0	0	0	0
1/26/2024 14:32	57303 MOAL_T2	1	1	0	6.4	6.4	0	0	0	0	0	0	0	0	0
1/26/2024 14:32	64702 LITI_T2	0	0	0	0	0	0	-1.39	-1.42	0	0	0	0	0	0
1/26/2024 14:32	67503 WEWI_T2	0	0	0	0	0	0	-0.49	-0.56	0	0	0	0	0	0
1/26/2024 14:32	44703 MUNC_T2	3	3	0	1.33	1.6	0.27	0	0	0	0	0	0	0	0
1/26/2024 14:32	64202 KINZ_T1	3	3	0	0.4	0.3	-0.1	0.58	0.65	0	0	0	0	0	0
1/26/2024 14:32	12701 MACU_T1	0	0	0	0	0	0	0.04	0.04	0	0	0	0	0	0
1/26/2024 14:32	16402 MOPO_T1	0	0	0	0	0	0	0.19	0.14	0	0	0	0	0	0
1/26/2024 14:33	55002 NEWP_T1	6	7	1	1.08	1.06	-0.02	-0.52	-0.5	0	0	0	0	0	0
1/26/2024 14:33	65001 NEFF_T2	178	213	35	0.17	0.19	0.02	-0.7	-0.79	1	1	0	1200	1200	0
1/26/2024 14:33	67503 WEWI_T2	0	0	0	0	0	0	-0.25	-0.28	0	0	0	0	0	0
1/26/2024 14:33	42901 MIDD_T2	3	23	20	0.13	0.13	0	0	0	0	0	0	0	0	0
1/26/2024 14:33	52102 MEIS_T1	0	0	0	0	0	0	0	0	1	1	0	450	450	0
1/26/2024 14:33	26401 INOR_T1	0	0	0	0	0	0	0.89	0.91	0	0	0	0	0	0
1/26/2024 14:33	67503 WEWI_T2	0	0	0	0	0	0	-0.25	-0.28	0	0	0	0	0	0
1/26/2024 14:33	10805 CHHI_T2	1	1	0	7.1	6.9	-0.2	0	0	0	0	0	0	0	0
1/26/2024 14:33	66703 STRA_T1	0	0	0	0	0	0	-0.18	-0.24	0	0	0	0	0	0
1/26/2024 14:34	42001 MNVL_T2	1	0	-1	0.1	0	-0.1	-0.04	-0.01	0	0	0	0	0	0
1/26/2024 14:34	66504 SMAN_T2	88	98	10	0.22	0.24	0.02	-3.09	-3.09	2	2	0	2400	2400	0
1/26/2024 14:34	55001 NEWP_T1	0	9	9	0	0.19	0.19	0	0	0	0	0	0	0	0
1/26/2024 14:34	64101 REFR_T1	0	0	0	0	0	0	-0.33	-0.37	0	0	0	0	0	0
1/26/2024 14:34	61303 EARL_T1	0	0	0	0	0	0	0.43	0.21	0	0	0	0	0	0
1/26/2024 14:34	12701 MACU_T1	0	0	0	0	0	0	0.04	0.04	0	0	0	0	0	0
1/26/2024 14:35	44703 MUNC_T2	3	3	0	1.33	1.6	0.27	0	0	0	0	0	0	0	0
1/26/2024 14:35	64101 REFR_T1	0	0	0	0	0	0	-0.49	-0.56	0	0	0	0	0	0
1/26/2024 14:35	65003 NEFF_T2	66	127	61	0.15	0.22	0.07	0	0	0	0	0	0	0	0
1/26/2024 14:35	54202 PENN_T2	138	147	9	0.14	0.15	0.01	0.66	0.64	0	0	0	0	0	0
1/26/2024 14:35	14403 SILA_T1	0	0	0	0	0	0	0.67	0.66	0	0	0	0	0	0
1/26/2024 14:35	64801 MONE_T2	179	180	1	0.31	0.35	0.04	0	0	0	0	0	0	0	0
1/26/2024 14:35	54501 ENOL_T2	3	4	1	0.27	0.15	-0.12	0	0	0	0	0	0	0	0
1/26/2024 14:35	67502 WEWI_T2	9	12	3	0.12	0.11	-0.01	-0.5	-0.48	0	0	0	0	0	0
1/26/2024 14:35	16402 MOPO_T1	0	0	0	0	0	0	0.19	0.14	0	0	0	0	0	0
1/26/2024 14:35	57303 MOAL_T2	1	1	0	6.4	6.4	0	0	0	0	0	0	0	0	0
1/26/2024 14:35	67503 WEWI_T2	0	0	0	0	0	0	-0.25	-0.28	0	0	0	0	0	0
1/26/2024 14:36	67001 STHI_T2	1	2	1	0.4	0.25	-0.15	0	0	0	0	0	0	0	0
1/26/2024 14:36	64101 REFR_T1	0	0	0	0	0	0	-0.33	-0.37	0	0	0	0	0	0
1/26/2024 14:36	67401 WAKE_T2	0	0	0	0	0	0	-1.16	-1.2	0	0	0	0	0	0
1/26/2024 14:36	55002 NEWP_T1	6	7	1	1.08	1.06	-0.02	-0.52	-0.5	0	0	0	0	0	0
1/26/2024 14:36	54204 PENN_T2	3	3	0	0.47	0.47	0	0	0	0	0	0	0	0	0
1/26/2024 14:36	56501 ROCK_T2	83	88	5	0.26	0.24	-0.02	-5.17	-5.15	0	0	0	0	0	0
1/26/2024 14:36	57403 SPAN_T1	80	115	35	0.23	0.22	-0.01	-0.02	-0.01	0	0	0	0	0	0
1/26/2024 14:36	57403 SPAN_T1	80	115	35	0.23	0.22	-0.01	-0.02	-0.01	0	0	0	0	0	0
1/26/2024 14:36	56501 ROCK_T2	83	88	5	0.26	0.24	-0.02	-5.17	-5.15	0	0	0	0	0	0
1/26/2024 14:36	64802 MONE_T2	98	100	2	0.22	0.23	0.01	0	0	0	0	0	0	0	0
1/26/2024 14:37	54204 PENN_T2	3	3	0	0.47	0.47	0	0	0	0	0	0	0	0	0
1/26/2024 14:37	57403 SPAN_T1	80	115	35	0.23	0.22	-0.01	-0.02	-0.01	0	0	0	0	0	0
1/26/2024 14:37	44302 BEAV_T2	80	99	19	0.2	0.23	0.03	0	0	0	0	0	0	0	0
1/26/2024 14:37	27502 WEIS_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1/26/2024 14:37	57403 SPAN_T1	80	115	35	0.23	0.22	-0.01	-0.02	-0.01	0	0	0	0	0	0
1/26/2024 14:37	56504 ROCK_T2	1	0	-1	0.2	0	-0.2	-0.39	-0.39	0	0	0	0	0	0
1/26/2024 14:37	43001 ALWD_T1	13	14	1	0.18	0.24	0.06	0	0	0	0	0	0	0	0
1/26/2024 14:37	64101 REFR_T1	0	0	0	0	0	0	-0.16	-0.19	0	0	0	0	0	0
1/26/2024 14:37	56501 ROCK_T2	83	88	5	0.26	0.24	-0.02	-5.17	-5.15	0	0	0	0	0	0
1/26/2024 14:37	67602 WARW_T2	2	2	0	1	0	-1	1.67	1.59	0	0	0	0	0	0
1/26/2024 14:38	57403 SPAN_T1	80	115	35	0.23	0.22	-0.01	0	0	0	0	0	0	0	0
1/26/2024 14:38	46004 BERW_T2	0	0	0	0	0	0	-0.88	-0.85	0	0	0	0	0	0
1/26/2024 14:38	56802 BENV_T2	1	1	0	1.4	1.4	0	-0.71	-0.74	0	0	0	0	0	0
1/26/2024 14:38	67001 STHI_T2	1	2	1	0.4	0.25	-0.15	0	0	0	0	0	0	0	0
1/26/2024 14:38	45902 AUBU_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1/26/2024 14:38	45901 AUBU_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1/26/2024 14:38	56504 ROCK_T2	1	0	-1	0.2	0	-0.2	-0.39	-0.39	0	0	0	0	0	0
1/26/2024 14:38	56504 ROCK_T2	1	0	-1	0.2	0	-0.2	-0.39	-0.39	0	0	0	0	0	0
1/26/2024 14:38	67402 WAKE_T2	0	0	0	0	0	0	0.23	-0.14	1	0	-1	600	0	-600
1/26/2024 14:39	45402 WBLO_T2	63	81	18	0.39	0.42	0.03	-0.9	-0.9	0	0	0	0	0	0
1/26/2024 14:39	55105 WERT_T1	0	0	0	0	0	0	-0.76	-0.78	1	1	0	900	900	0
1/26/2024 14:39	67002 STHI_T2	0	0	0	0	0	0	1.14	1.16	0	0	0	0	0	0
1/26/2024 14:39	66504 SMAN_T2	88	98	10	0.22	0.24	0.02	-1.55	-1.55	1	1	0	1200	1200	0
1/26/2024 14:39	57403 SPAN_T1	80	115	35	0.23	0.22	-0.01	-0.01	0	0	0	0	0	0	0
1/26/2024 14:39	46004 BERW_T2	0	0	0	0	0	0	-0.88	-0.85	0	0	0	0	0	0
1/26/2024 14:39	56504 ROCK_T2	1	0	-1	0.2	0	-0.2	-0.79	-0.77	0	0	0	0	0	0
1/26/2024 14:39	54501 ENOL_T2	3	4	1	0.27	0.15	-0.12	0	0	0	0	0	0	0	0
1/26/2024 14:39	67402 WAKE_T2	0	0	0	0	0	0	-0.14	0.17	1	0	-1	600	0	-600
1/26/2024 14:39	53601 DALM_T2	1	0	-1	0.1	0	-0.1	0.38	0.49	0	0	0	0	0	0
1/26/2024 14:39	56504 ROCK_T2	1	0	-1	0.2	0	-0.2	-0.79	-0.77	0	0	0	0	0	0
1/26/2024 14:39	67602 WARW_T2	2	2	0	1	0	-1	1.59	1.62	0	0	0	0	0	0
1/26/2024 14:39	57403 SPAN_T1	80	115	35	0.23	0.22	-0.01	-0.01	0	0	0	0	0	0	0
1/26/2024 14:39	45902 AUBU_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1/26/2024 14:39	10801 CHHI_T1	0	0	0	0	0	0	0	0	1	1	0	900	900	0
1/26/2024 14:39	43001 ALWD_T1	13	14	1	0.18	0.24	0.06	0	0	0	0	0	0	0	0
1/26/2024 14:39	46203 DANV_T2	0	0	0	0	0	0	-0.17	-0.16	0	0	0	0	0	0
1/26/2024 14:39	56801 BENV_T1	49	50	1	0.96	1.06	0.1	-0.89	-0.88	1	1	0	600	600	0
1/26/2024 14:40	56802 BENV_T2	1	1	0	1.4	1.4	0	-2.95	-2.91	0	0	0	0	0	0
1/26/2024 14:40	28604 BLYT_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1/26/2024 14:40	45902 AUBU_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1/26/2024 14:40	15001 BLMO_T1	4	4	0	0.15	0.18	0.03	0	0	0	0	0	0	0	0
1/26/2024 14:40	13105 NHAM_T2	0	0	0	0	0	0	-0.34	-0.33	1	1	0	1200	1200	0
1/26/2024 14:40	14403 SILA_T1	0	0	0	0	0	0	0.66	0.64	0	0	0	0	0	0
1/26/2024 14:40	56801 BENV_T1	49	50	1	0.96	1.06	0.1	-0.89	-0.88	1	1	0	600	600	0
1/26/2024 14:40	29402 BELT_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1/26/2024 14:41	51108 CARL_T1	3	4	1	0.3	0.28	-0.02	0	0	0	0	0	0	0	0
1/26/2024 14:41	67602 WARW_T2	2	2	0	1	0	-1	1.59	1.62	0	0	0	0	0	0
1/26/2024 14:41	45901 AUBU_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1/26/2024 14:41	29402 BELT_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1/26/2024 14:41	46801 HEPB_T2	2	2	0	0.35	0.5	0.15	0.56	0.58	0	0	0	0	0	0
1/26/2024 14:41	27502 WEIS_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1/26/2024 14:41	56504 ROCK_T2	1	0	-1	0.2	0	-0.2	0	0	0	0	0	0	0	0
1/26/2024 14:41	60201 ATGL_T2	0	0	0	0	0	0	0.17	0.07	1	1	0	300	300	0
1/26/2024 14:41	45901 AUBU_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1/26/2024 14:41	15001 BLMO_T1	4	4	0	0.15	0.18	0.03	0	0	0	0	0	0	0	0
1/26/2024 14:41	55105 WERT_T1	0	0	0	0	0	0	-0.76	-0.78	1	1	0	900	900	0
1/26/2024 14:41	40502 CRES_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1/26/2024 14:41	56802 BENV_T2	1	1	0

Appendix C - Grid Benefits Achieved in Each Instance of Active Management

1/26/2024 14:47	42002 MNVL_T2	1	1	0	6.1	5.7	-0.4	0	0	0	0	0	0	0
1/26/2024 14:48	67503 WEWI_T2	0	0	0	0	0	0	-0.56	-0.59	0	0	0	0	0
1/26/2024 14:48	55001 NEWP_T1	9	1	-8	0.19	0.4	0.21	0	0	0	0	0	0	0
1/26/2024 14:48	42901 MIDD_T2	9	22	13	0.12	0.12	0	0	0	0	0	0	0	0
1/26/2024 14:48	52501 PROG_T1	0	0	0	0	0	0	0.32	0.3	1	1	0	300	300
1/26/2024 14:48	52102 MEIS_T1	0	0	0	0	0	0	0	0	1	1	0	450	450
1/26/2024 14:48	13302 ORVI_T2	0	0	0	0	0	0	1	1.09	0	0	0	0	0
1/26/2024 14:49	42902 MIDD_T2	30	28	-2	0.34	0.3	-0.04	-0.37	-0.34	0	0	0	0	0
1/26/2024 14:49	46301 ROHR_T1	4	5	1	0.18	0.16	-0.02	0	0	0	0	0	0	0
1/26/2024 14:49	67502 WEWI_T2	11	8	-3	0.11	0.1	-0.01	0	0	0	0	0	0	0
1/26/2024 14:49	64101 REFR_T1	0	0	0	0	0	0	-0.19	-0.17	0	0	0	0	0
1/26/2024 14:49	16402 MOPO_T1	0	0	0	0	0	0	0.14	0.12	0	0	0	0	0
1/26/2024 14:49	42002 MNVL_T2	1	1	0	6.1	5.7	-0.4	0	0	0	0	0	0	0
1/26/2024 14:49	12701 MACU_T1	0	0	0	0	0	0	0.04	0.06	0	0	0	0	0
1/26/2024 14:50	52101 MEIS_T1	0	1	1	0	0.1	0.1	0	0	0	0	0	0	0
1/26/2024 14:50	42201 SHEN_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
1/26/2024 14:50	64101 REFR_T1	0	0	0	0	0	0	-0.19	-0.17	0	0	0	0	0
1/26/2024 14:50	55002 NEWP_T1	6	6	0	0.98	1.15	0.17	-0.25	-0.24	0	0	0	0	0
1/26/2024 14:51	64101 REFR_T1	0	0	0	0	0	0	-0.56	-0.5	0	0	0	0	0
1/26/2024 14:51	64801 MONE_T2	173	171	-2	0.35	0.34	-0.01	0	0	0	0	0	0	0
1/26/2024 14:51	67502 WEWI_T2	11	8	-3	0.11	0.1	-0.01	-0.96	-0.9	0	0	0	0	0
1/26/2024 14:51	55002 NEWP_T1	6	6	0	0.98	1.15	0.17	-0.25	-0.24	0	0	0	0	0
1/26/2024 14:51	42601 TUSC_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
1/26/2024 14:52	57303 MOAL_T2	1	1	0	6.4	6.5	0.1	0	0	0	0	0	0	0
1/26/2024 14:52	64101 REFR_T1	0	0	0	0	0	0	-0.75	-0.66	0	0	0	0	0
1/26/2024 14:52	43202 MVIL_T2	9	40	31	0.12	0.18	0.06	0	0	0	0	0	0	0
1/26/2024 14:53	64101 REFR_T1	0	0	0	0	0	0	-0.19	-0.17	0	0	0	0	0
1/26/2024 14:53	43001 ALWD_T1	13	15	2	0.22	0.29	0.07	0	0	0	0	0	0	0
1/26/2024 14:53	46001 BERW_T1	0	0	0	0	0	0	0.97	0.9	0	0	0	0	0
1/26/2024 14:53	64801 MONE_T2	173	171	-2	0.35	0.34	-0.01	-0.42	-0.42	0	0	0	0	0
1/26/2024 14:53	42901 MIDD_T2	9	22	13	0.12	0.12	0	0	0	0	0	0	0	0
1/26/2024 14:53	12701 MACU_T1	0	0	0	0	0	0	0.04	0.06	0	0	0	0	0
1/26/2024 14:53	67502 WEWI_T2	11	8	-3	0.11	0.1	-0.01	-0.48	-0.45	0	0	0	0	0
1/26/2024 14:54	46001 BERW_T1	0	0	0	0	0	0	0.97	0.9	0	0	0	0	0
1/26/2024 14:54	45402 WBLO_T2	59	85	26	0.46	0.42	-0.04	-0.9	-0.9	0	0	0	0	0
1/26/2024 14:54	67402 WAKE_T2	0	0	0	0	0	0	0.17	0.16	0	0	0	0	0
1/26/2024 14:54	60201 ATGL_T2	0	0	0	0	0	0	0.07	0.07	1	1	0	300	300
1/26/2024 14:55	64702 LITI_T2	0	0	0	0	0	0	-0.72	-0.7	0	0	0	0	0
1/26/2024 14:55	46001 BERW_T1	0	0	0	0	0	0	0.97	0.9	0	0	0	0	0
1/26/2024 14:55	60701 BREC_T1	0	0	0	0	0	0	-0.31	0.2	1	1	0	600	600
1/26/2024 14:56	28604 BLYT_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
1/26/2024 14:56	65003 NEFF_T2	98	118	20	0.23	0.2	-0.03	0	0	0	0	0	0	0
1/26/2024 14:56	46001 BERW_T1	0	0	0	0	0	0	0.97	0.9	0	0	0	0	0
1/26/2024 14:57	65001 NEFF_T2	196	203	7	0.18	0.18	0	-0.77	-0.96	1	1	0	1200	1200
1/26/2024 14:57	60701 BREC_T1	0	0	0	0	0	0	-0.62	0.4	2	2	0	1200	1200
1/26/2024 14:58	54501 ENOL_T2	2	4	2	0.15	0.15	0	0	0	0	0	0	0	0
1/26/2024 14:58	43001 ALWD_T1	13	15	2	0.22	0.29	0.07	0	0	0	0	0	0	0
1/26/2024 14:58	64702 LITI_T2	0	0	0	0	0	0	-0.72	-0.7	0	0	0	0	0
1/26/2024 14:59	52101 MEIS_T1	0	1	1	0	0.1	0.1	0	0	0	0	0	0	0
1/26/2024 14:59	26401 INOR_T1	0	1	1	0	0	0	1	1.01	0	0	0	0	0
1/26/2024 14:59	67402 WAKE_T2	0	0	0	0	0	0	0.17	0.16	0	0	0	0	0
1/26/2024 15:00	42901 MIDD_T2	21	37	16	0.12	0.12	0	0	0	0	0	0	0	0
1/26/2024 15:00	40902 JESH_T1	0	8	8	0	0.11	0.11	-0.82	-0.85	0	0	0	0	0
1/26/2024 15:00	40101 HUNT_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
1/26/2024 15:01	57303 MOAL_T2	1	1	0	6.5	6.6	0.1	0	0	0	0	0	0	0
1/26/2024 15:01	67605 WARW_T1	28	25	-3	0.43	0.41	-0.02	-1.14	-1.14	0	0	0	0	0
1/26/2024 15:02	54505 ENOL_T2	1	1	0	1.2	1.3	0.1	0	0	0	0	0	0	0
1/26/2024 15:02	42901 MIDD_T2	21	37	16	0.12	0.12	0	0	0	0	0	0	0	0
1/26/2024 15:02	40101 HUNT_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
1/26/2024 15:02	57304 MOAL_T2	23	11	-12	0.24	0.25	0.01	-0.65	-0.62	0	0	0	0	0
1/26/2024 15:02	13105 NHAM_T2	0	1	1	0	0	0	-0.33	-0.34	1	1	0	1200	1200
1/26/2024 15:04	65003 NEFF_T2	118	1	-117	0.2	0.1	-0.1	0	0	0	0	0	0	0
1/26/2024 15:04	66703 STRA_T1	0	0	0	0	0	0	-0.22	-0.24	0	0	0	0	0
1/26/2024 15:05	46302 ROHR_T1	4	4	0	2.2	2.35	0.15	0.16	0.15	0	0	0	0	0
1/26/2024 15:05	58402 MORO_T1	0	0	0	0	0	0	-0.14	-0.18	2	2	0	1500	1500
1/26/2024 15:06	45602 WOOL_T1	11	14	3	0.47	0.38	-0.09	0	0	0	0	0	0	0
1/26/2024 15:06	54204 PENN_T2	3	3	0	0.47	0.6	0.13	0	0	0	0	0	0	0
1/26/2024 15:06	57401 SPAN_T1	2	2	0	0.7	0.75	0.05	-0.87	-0.92	1	1	0	600	600
1/26/2024 15:06	40101 HUNT_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
1/26/2024 15:06	58402 MORO_T1	0	0	0	0	0	0	-0.28	-0.37	4	4	0	3000	3000
1/26/2024 15:07	65902 SAKR_T2	0	0	0	0	0	0	-0.42	-0.45	1	1	0	300	300
1/26/2024 15:08	10805 CHHI_T2	1	1	0	6.9	7.2	0.3	0	0	0	0	0	0	0
1/26/2024 15:08	45501 DERR_T2	1	1	0	0	0	0	0.33	0.26	2	2	0	1800	1800
1/26/2024 15:09	57403 SPAN_T1	45	25	-20	0.23	0.26	0.03	0.01	-0.04	0	0	0	0	0
1/26/2024 15:09	43001 ALWD_T1	12	16	4	0.25	0.3	0.05	0	0	0	0	0	0	0
1/26/2024 15:09	42201 SHEN_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
1/26/2024 15:10	67402 WAKE_T2	0	0	0	0	0	0	0.16	0.16	0	0	0	0	0
1/26/2024 15:10	40502 CRES_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
1/26/2024 15:11	40502 CRES_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
1/26/2024 15:12	40502 CRES_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
1/26/2024 15:12	40505 CRES_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
1/26/2024 15:13	40505 CRES_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
1/26/2024 15:13	42201 SHEN_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
1/26/2024 15:14	50202 HARR_T3	0	0	0	0	0	0	-0.33	-0.36	0	0	0	0	0
1/26/2024 15:14	40502 CRES_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
1/26/2024 15:14	40505 CRES_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
1/26/2024 15:14	43001 ALWD_T1	12	16	4	0.25	0.3	0.05	0	0	0	0	0	0	0
1/26/2024 15:15	26401 INOR_T1	0	1	1	0	0.3	0.3	1.01	0.81	0	0	0	0	0
1/26/2024 15:15	40502 CRES_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
1/26/2024 15:15	15001 BLMO_T1	4	3	-1	0.15	0.17	0.02	0	0	0	0	0	0	0
1/26/2024 15:15	67402 WAKE_T2	0	0	0	0	0	0	0.16	0.16	0	0	0	0	0
1/26/2024 15:15	54505 ENOL_T2	1	1	0	1.3	1.3	0	-1.41	-1.4	1	1	0	600	600
1/26/2024 15:16	45501 DERR_T2	1	1	0	0	0	0	0.33	0.26	2	2	0	1800	1800
1/26/2024 15:17	67502 WEWI_T2	0	19	19	0	0.12	0.12	-0.48	-0.2	0	0	0	0	0
1/26/2024 15:18	54505 ENOL_T2	1	1	0	1.3	1.3	0	0	0	0	0	0	0	0
1/26/2024 15:21	17002 RIRO_T2	0	0	0	0	0	0	0.46	0.44	0	0	0	0	0
1/26/2024 15:21	40505 CRES_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
1/26/2024 15:21	66901 SHIL_T2	0	0	0	0	0	0	-1.71	-1.7	1	1	0	1200	1200
1/26/2024 15:22	56501 ROCK_T2	86	174	88	0.26	0.24	-0.02	-1.71	-1.73	0	0	0	0	0
1/26/2024 15:23	56501 ROCK_T2	86	174	88	0.26	0.24	-0.02	-1.71	-1.73	0	0	0	0	0
1/26/2024 15:24	43001 ALWD_T1	15	16	1	0.29	0.3	0.01	0	0	0	0	0	0	0
1/26/2024 15:25	67402 WAKE_T2	0	0	0	0	0	0	0.16	0.16	0	0	0	0	0
1/26/2024 15:26	40505 CRES_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
1/26/2024 15:26	54505 ENOL_T2	1	1	0	1.3	1.3	0	-1.4	-1.38	1	1	0	600	600
1/26/2024 15:26	62604 ENGL_T1	0	0	0	0	0	0	-0.35	-0.37	1	1	0	600	600
1/26/2024 15:27	60803 BUCK_T1	0	0	0	0	0	0	-1.16	-1.15	2	2	0	1200	1200
1/26/2024 15:27	40505 CRES_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
1/26/2024 15:29	40505 CRES_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
1/26/2024 15:29	62604 ENGL_T1	0	0	0	0	0	0	-0.35	-0.37	1	1	0	600	600
1/26/2024 15:29	60803 BUCK_T1	0	0	0	0	0	0	-0.58	-0.57	1	1	0	600	600
1/26/2024 15:29	43001 ALWD_T1	15	16	1	0.29	0.3	0.01	0	0	0	0	0	0	0
1/26/2024 15:30	40505 CRES_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
1/26/2024 15:30	17802 GILB_T1	0	0	0	0	0	0	0.18	0.19	0	0	0	0	0
1/26/2024 15:31	57401 SPAN_T1	2	2	0	0.75	0.55	-0.2	-0.88	-0.83	1	1	0	600	600
1/26/2024 15:31	62604 ENGL_T1	0	0	0	0	0	0	-0.35	-0.37	1	1	0	600	600
1/26/2024 15:31	46101 MACI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
1/26/2024 15:31	67402 WAKE_T2	0	0	0	0	0	0	0.16	0.16	0	0	0	0	0
1/26/2024 15:31	26401 INOR_T1	0	1	1	0	0.3	0.3	0.81	0.69	0	0	0	0	0
1/26/2024 15:31	50506 MECH_T1	0	0	0	0	0	0	-0.06	-0.16	0	0	0	0	0
1/26/2024 15:32	40903 JESH_T1	0	1	1	0	0.1	0.1	0	0	0	0	0	0	0
1/26/2024 15:32	62604 ENGL_T1	0	0	0	0	0	0	-0.35	-0.37	1	1	0	600	600
1/26/2024 15:36	67402 WAKE_T2	0	0	0	0	0	0	0.16	0.16	0	0	0	0	0
1/26/2024 15:38	60701 BREC_T1	0	0	0	0	0	0	0.05	0.04	0	0	0	0	0
1/26/2024 15:40	40502 CRES_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
1/26/2024 15:40	56802 BENV_T2	7	1	-6	0.16	1.3	1.14	-1.46	-1.5	0	0	0	0	0
1/26/2024 15:40	43001 ALWD_T1	15	14	-1	0.27	0.32	0.05	0	0	0	0	0	0	0
1/26/2024 15:41	65001 NEFF_T2	2	3	1	0.15	0.1	-0.05	-0.95	-1.02	1	1	0	1200	1200
1/26/2024 15:41	60701 BREC_T1	0	0	0	0	0	0	0.04	0.03	0	0	0	0	0
1/26/2024 15:41	67402 WAKE_T2	0	0	0	0	0	0	0.16	0.15	0	0	0	0	0
1/26/2024 15:43	40101 HUNT_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
1/26/2024 15:43	17802 GILB_T1	0	0	0	0	0	0	0.19	0.19	0	0	0	0	0
1/26/2024 15:44	47002 HUGH_T2	1	3	2	0.1	0.17	0.07	0	0	0	0	0	0	0
1/26/2024 15:45	43001 ALWD_T1	14	14	0	0.31	0.3	-0.01	0	0	0	0	0	0	0
1/26/2024 15:48	40602 PIGR_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
1/26/2024 15:50	55001 NEWP_T1	0	7	7	0	0.11	0.11	0	0	0	0	0	0	0
1/26/2024 15:56	43001 ALWD_T1	14	14	0	0.31	0.3	-0.01	0	0	0	0	0	0	0
1/26/2024 15:56	56802 BENV_T2	1	1	0	1.3	1.2	-0.1	-0.75	-0.74	0	0	0	0	0
1/26/2024 15:59	64202 KINZ_T1	3	3	0	0.77	0.73	-0.04	0	0	0	0	0	0	0
1/26/2024 16:01	63404 HONY_T1	2	3	1	7.2	7.1	-0.1	0	0	0	0	0	0	0
1/26/2024 16:02	43001 ALWD_T1	14	13	-1	0.26	0.28	0.02	0	0	0	0	0	0	0
1/26/2024 16:04	47403 PENS_T1	1	1	0	1.2	1.9	0.7	0	0	0	0	0	0	0
1/26/2024 16:05	55001 NEWP_T1	6	3	-3	0.12	0.1	-0.02	0	0	0	0	0	0	0
1/26/2024 16:05	47403 PENS_T1	1	1	0	1.2	1.9	0.7	0	0	0	0	0	0	0
1/26/2024 16:06	54502 ENOL_T2	1	1	0	0.2	0.3	0.1	-1.17	-1.15	1	1	0	600	600
1/26/2024 16:07	47403 PENS_T1	1	1	0	1.2	1.9	0.7	0	0	0	0	0	0	0
1/26/2024 16:07	67901 WNHO_T2	0	0	0	0	0	0	-0.48	-0.61	1	0	-1	900	0	-900
1/26/2024 16:09	67605 WARW_T1	18	15	-3	0.43	0.53	0.1	-1.16	-1.15	0	0	0	0	0
1/26/2024 16:17	47401 PENS_T1	0	0	0	0	0	0	0.83	0.76	0	0	0	0	0
1/26/2024 16:18	47401 PENS_T1	0	0	0	0	0	0	1.66	1.52	0	0	0	0	0
1/26/2024 16:19	54505 ENOL_T2	1	1	0	1.1	1	-0.1	-1.38	-1.39	1	1	0	600	600
1/26/2024 16:21	55001 NEWP_T1	3	0	-3	0.1	0	-0.1	0	0	0	0	0	0	0
1/26/2024 16:21	47403 PENS_T1	1	1	0	1.9	2	0.1	0	0	0	0	0	0	0
1/26/2024 16:22	47401 PENS_T1	0	0	0	0	0	0	1.66	1.52	0	0	0	0	0
1/26/2024 16:23	67402 WAKE_T2	0	0	0	0	0	0	0.15	0.16	0	0	0	0	0
1/26/2024 16:28	67402 WAKE_T2	0	0	0	0	0	0	0.16	0.18	0	0	0	0	0
1/26/2024 16:39	67402 WAKE_T2	0	0	0	0	0	0	0.18	0.16	0	0	0	0	0
1/26/2024 16:40	59101 WALK_T2	0	0	0	0	0	0	1.5	1.23	0	0	0	0	0
1/26/2024 16:44	67402 WAKE_T2	0	0	0	0	0	0	0.18	0.16	0	0	0	0	0
1/26/2024 16:46	40101 HUNT_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
1/26/2024 16:47	55002 NEWP_T1	4	6	2	0.98	1.08	0.1	-0.26	-0.26	0	0	0	0	0
1/26/2024 22:19	46203 DANV_T2	0	0	0	0	0	0	-0.17	-0.17	0	0	0	0	0
1/26/2024 22:19	45602 WOOL_T1	4	4	0	0.63	0.93	0.3	0	0	0	0	0	0	0
1/26/2024 22:20	16402 MOPO_T1	0	0	0	0	0	0	0.09	0.09	0	0	0	0	0
1/26/2024 22:20	44703 MUNC_T2	3	3	0	1.37	1.47	0.1	0	0	0	0	0	0	0
1/26/2024 22:20	43001 ALWD_T1	39	40	1	0.31	0.3	-0.01	0	0	0	0	0	0	0
1/26/2024 22:20	42902 MIDD_T2	171	205	34	0.58	0.55	-0.03	-0.69	-0.69	0	0	0	0	0
1/26/2024 22:20	64801 MONE_T2	123	137	14	0.4	0.34	-0.06	-0.42	-0.43	0	0	0	0	0
1/26/2024 22:20	45902 AUBU_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
1/26/2024 22:20	47403 PENS_T1	8	26	18	0.15	0.17	0.02	0	0	0	0	0	0	0
1/26/2024 22:20	42902 MIDD_T2	171	205	34	0.58	0.55	-0.03	-0.69	-0.69	0	0	0	0	0
1/26/2024 22:20	54505 ENOL_T2	1	1	0	0.6	0.6	0	-1.35	-1.35	1	1	0	600	600
1/26/2024 22:20	45702 LIND_T2	1	1	0	0.8	1	0.2	-0.47	-0.47	0	0	0	0	0
1/26/2024 22:20	28604 BLYT_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
1/26/2024 22:20	46004 BERW_T2	0	0	0	0	0	0	-0.79	-0.84	0	0	0	0	0
1/26/2024 22:20	42201 SHEN_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
1/26/2024 22:20	67502 WEWI_T2	244	204	-40	0.29	0.24	-0.05	-0.99	-1.01	0	0	0	0	0
1/26/2024 22:20	45902 AUBU_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
1/26/2024 22:20	67901 WNHO_T2	0	0	0	0	0	0	-0.74	-0.75	0	0	0	0	0
1/26/2024 22:20	45402 WBLO_T2	68	79	11	0.41	0.4	-0.01	-0.93	-0.93	0	0	0	0	0
1/26/2024 22:20	47001 HUGH_T2	0	0	0	0	0	0	-0.23	-0.19	0	0	0	0	0
1/26/2024 22:20	43202 MVIL_T2	167	183	16	0.86	1.04	0.18	-0.74	-0.74	0	0	0	0	0
1/26/2024 22:20	56501 ROCK_T2	1	1	0	0.2	0.4	0.2	-0.48	-0.47	0	0	0	0	0
1/26/2024 22:20	55002 NEWP_T1	5	5	0	0.62	0.44	-0.18	-0.32	-0.29	0	0	0	0	0
1/26/2024 22:20	64101 REFR_T1	0	0	0	0	0	0	-0.39	-0.39	0	0	0	0	0
1/26/2024 22:20	15001 BLMO_T1	2	1	-1	0.1	0.1	0	0	0	0	0	0	0	0
1/26/2024 22:20	29402 BELT_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
1/26/2024 22:21	64702 LITI_T2	0	0	0	0	0	0	-0.83	-0.88	0	0	0	0	0
1/26/2024 22:21	15001 BLMO_T1	2	1	-1	0.1	0.1	0	0	0	0	0	0	0	0
1/26/2024

1/26/2024 22:21	65001 NEFF_T2	0	0	0	0	0	0	-0.05	-1.36	1	1	0	1200	1200	0
1/26/2024 22:21	56801 BENV_T1	23	25	2	0.58	0.48	-0.1	-0.92	-0.92	1	1	0	600	600	0
1/26/2024 22:21	46001 BERW_T1	0	0	0	0	0	0	0.71	0.69	0	0	0	0	0	0
1/26/2024 22:21	56802 BENV_T2	1	0	-1	0.2	0	-0.2	-0.77	-0.76	0	0	0	0	0	0
1/26/2024 22:22	56802 BENV_T2	1	0	-1	0.2	0	-0.2	-0.77	-0.76	0	0	0	0	0	0
1/26/2024 22:22	67001 STHI_T2	1	1	0	0.2	0.2	0	0	0	0	0	0	0	0	0
1/26/2024 22:22	54505 ENOL_T2	1	1	0	0.6	0.6	0	-2.7	-2.7	2	2	0	1200	1200	0
1/26/2024 22:22	52006 LING_T2	3	3	0	0.97	0.63	-0.34	0	0	0	0	0	0	0	0
1/26/2024 22:22	57403 SPAN_T1	42	114	72	0.33	0.26	-0.07	0.11	0.11	0	0	0	0	0	0
1/26/2024 22:22	64201 KINZ_T1	2	3	1	1.05	0.3	-0.75	0	0	0	0	0	0	0	0
1/26/2024 22:22	54504 ENOL_T2	0	0	0	0	0	0	-0.43	-0.4	0	0	0	0	0	0
1/26/2024 22:22	64101 REFR_T1	0	0	0	0	0	0	-0.39	-0.39	0	0	0	0	0	0
1/26/2024 22:22	54503 ENOL_T2	0	0	0	0	0	0	-1.3	-1.25	1	1	0	600	600	0
1/26/2024 22:22	67503 WEWI_T2	0	0	0	0	0	0	-0.64	-0.64	0	0	0	0	0	0
1/26/2024 22:22	42903 MIDD_T2	24	39	15	0.39	0.34	-0.05	0	0	0	0	0	0	0	0
1/26/2024 22:22	67503 WEWI_T2	0	0	0	0	0	0	-0.64	-0.64	0	0	0	0	0	0
1/26/2024 22:22	45501 DERR_T2	1	2	1	0	0.2	0.2	-0.36	-0.61	2	2	0	1800	1800	0
1/26/2024 22:22	55002 NEWP_T1	5	5	0	0.62	0.44	-0.18	-0.32	-0.29	0	0	0	0	0	0
1/26/2024 22:22	59101 WALK_T2	0	0	0	0	0	0	0.99	1.32	0	0	0	0	0	0
1/26/2024 22:22	43102 SMIL_T2	8	9	1	0.5	0.77	0.27	0	0	0	0	0	0	0	0
1/26/2024 22:22	56501 ROCK_T2	1	1	0	0.2	0.4	0.2	-0.96	-0.94	0	0	0	0	0	0
1/26/2024 22:22	26401 INOR_T1	1	1	0	0.1	0.1	0	0.22	0.22	0	0	0	0	0	0
1/26/2024 22:22	46001 BERW_T1	0	0	0	0	0	0	0.71	0.69	0	0	0	0	0	0
1/26/2024 22:22	17802 GILB_T1	0	0	0	0	0	0	0.17	0.14	0	0	0	0	0	0
1/26/2024 22:22	40502 CRES_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1/26/2024 22:22	56501 ROCK_T2	1	1	0	0.2	0.4	0.2	-0.96	-0.94	0	0	0	0	0	0
1/26/2024 22:22	42001 MNVL_T2	81	12	-69	0.17	0.15	-0.02	-0.08	-0.06	0	0	0	0	0	0
1/26/2024 22:22	45402 WILO_T2	68	79	11	0.41	0.4	-0.01	-0.93	-0.93	0	0	0	0	0	0
1/26/2024 22:22	27502 WEIS_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1/26/2024 22:22	46801 HEPB_T2	2	3	1	0.6	0.5	-0.1	0.51	0.51	0	0	0	0	0	0
1/26/2024 22:22	15001 BLMO_T1	2	1	-1	0.1	0.1	0	0	0	0	0	0	0	0	0
1/26/2024 22:22	57401 SPAN_T1	48	25	-23	0.21	0.24	0.03	-1.19	-1.15	1	1	0	600	600	0
1/26/2024 22:22	62604 ENGL_T1	0	0	0	0	0	0	0.56	0.48	0	0	0	0	0	0
1/26/2024 22:22	60201 ATGL_T2	0	0	0	0	0	0	0.99	0.79	0	0	0	0	0	0
1/26/2024 22:22	29402 BELT_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1/26/2024 22:22	45902 AUBU_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1/26/2024 22:22	58402 MORO_T1	1	0	-1	1.5	0	-1.5	0.15	0.15	1	1	0	900	900	0
1/26/2024 22:23	57401 SPAN_T1	48	25	-23	0.21	0.24	0.03	-2.38	-2.29	2	2	0	1200	1200	0
1/26/2024 22:23	50105 HARR_T3	7	7	0	5.83	5.79	-0.04	0	0	0	0	0	0	0	0
1/26/2024 22:23	67001 STHI_T2	1	1	0	0.2	0.2	0	0	0	0	0	0	0	0	0
1/26/2024 22:23	63404 HONY_T1	20	12	-8	0.93	1.4	0.47	0	0	0	0	0	0	0	0
1/26/2024 22:23	42001 MNVL_T2	81	12	-69	0.17	0.15	-0.02	-0.06	-0.06	0	0	0	0	0	0
1/26/2024 22:23	60201 ATGL_T2	0	0	0	0	0	0	0.5	0.4	0	0	0	0	0	0
1/26/2024 22:23	67402 WAKE_T2	0	0	0	0	0	0	0.14	0.13	0	0	0	0	0	0
1/26/2024 22:23	26401 INOR_T1	1	1	0	0.1	0.1	0	0.22	0.22	0	0	0	0	0	0
1/26/2024 22:23	41801 GOCI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1/26/2024 22:23	67502 WEWI_T2	244	204	-40	0.29	0.24	-0.05	0	0	0	0	0	0	0	0
1/26/2024 22:23	12701 MACU_T1	1	0	-1	0.3	0	-0.3	0.07	0.06	0	0	0	0	0	0
1/26/2024 22:23	56801 BENV_T1	23	25	2	0.58	0.48	-0.1	-0.92	-0.92	1	1	0	600	600	0
1/26/2024 22:23	55002 NEWP_T1	5	5	0	0.62	0.44	-0.18	-0.64	-0.58	0	0	0	0	0	0
1/26/2024 22:23	47403 PENS_T1	8	26	18	0.15	0.17	0.02	0	0	0	0	0	0	0	0
1/26/2024 22:23	42903 MIDD_T2	24	39	15	0.39	0.34	-0.05	-0.27	-0.28	0	0	0	0	0	0
1/26/2024 22:23	45902 AUBU_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1/26/2024 22:23	41502 FAIR_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1/26/2024 22:23	42902 MIDD_T2	171	205	34	0.58	0.55	-0.03	-0.69	-0.69	0	0	0	0	0	0
1/26/2024 22:23	56501 ROCK_T2	1	1	0	0.2	0.4	0.2	-1.92	-1.88	0	0	0	0	0	0
1/26/2024 22:23	54501 ENOL_T2	0	0	0	0	0	0	0.12	0.08	0	0	0	0	0	0
1/26/2024 22:23	40101 HUNT_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1/26/2024 22:23	66703 STRA_T1	19	40	21	0.36	0.31	-0.05	-0.46	-0.43	0	0	0	0	0	0
1/26/2024 22:23	44301 BEAV_T2	6	5	-1	0.47	0.44	-0.03	-0.02	-0.07	1	1	0	600	600	0
1/26/2024 22:23	54501 ENOL_T2	0	0	0	0	0	0	0.12	0.08	0	0	0	0	0	0
1/26/2024 22:23	66504 SMAN_T2	0	94	94	0	0.18	0.18	-4.76	-4.7	3	3	0	3600	3600	0
1/26/2024 22:23	41902 REED_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1/26/2024 22:23	58402 MORO_T1	1	0	-1	1.5	0	-1.5	0.15	0.15	1	1	0	900	900	0
1/26/2024 22:23	40505 CRES_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1/26/2024 22:23	40502 CRES_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1/26/2024 22:23	64702 LITI_T2	0	0	0	0	0	0	-0.83	-0.88	0	0	0	0	0	0
1/26/2024 22:23	56802 BENV_T2	1	0	-1	0.2	0	-0.2	-4.63	-4.58	0	0	0	0	0	0
1/26/2024 22:23	46001 BERW_T1	0	0	0	0	0	0	0.69	0.66	0	0	0	0	0	0
1/26/2024 22:24	46001 BERW_T1	0	0	0	0	0	0	0.69	0.66	0	0	0	0	0	0
1/26/2024 22:24	67002 STHI_T2	0	0	0	0	0	0	0.94	0.88	0	0	0	0	0	0
1/26/2024 22:24	47403 PENS_T1	8	26	18	0.15	0.17	0.02	0	0	0	0	0	0	0	0
1/26/2024 22:24	17802 GILB_T1	0	0	0	0	0	0	0.14	0.13	0	0	0	0	0	0
1/26/2024 22:24	60701 BREC_T1	0	0	0	0	0	0	0.02	-0.06	0	0	0	0	0	0
1/26/2024 22:24	64802 MONE_T2	73	86	13	0.12	0.17	0.05	0.37	0.37	0	0	0	0	0	0
1/26/2024 22:24	46203 DANV_T2	0	0	0	0	0	0	-0.17	-0.15	0	0	0	0	0	0
1/26/2024 22:24	54503 ENOL_T2	0	0	0	0	0	0	-1.25	-1.33	1	1	0	600	600	0
1/26/2024 22:24	43201 MVIL_T2	0	0	0	0	0	0	-0.41	-0.41	0	0	0	0	0	0
1/26/2024 22:24	57401 SPAN_T1	48	25	-23	0.21	0.24	0.03	-1.15	-0.94	1	1	0	600	600	0
1/26/2024 22:24	17002 RIRO_T2	0	0	0	0	0	0	0.34	0.32	0	0	0	0	0	0
1/26/2024 22:24	44302 BEAV_T2	270	246	-24	0.59	0.6	0.01	0	0	0	0	0	0	0	0
1/26/2024 22:24	64702 LITI_T2	0	0	0	0	0	0	-0.88	-0.93	0	0	0	0	0	0
1/26/2024 22:24	14403 SSLA_T1	0	0	0	0	0	0	0.51	0.48	0	0	0	0	0	0
1/26/2024 22:24	46004 BERW_T2	0	0	0	0	0	0	-0.84	-0.87	0	0	0	0	0	0
1/26/2024 22:24	61303 EARL_T1	0	0	0	0	0	0	0.23	0.07	0	0	0	0	0	0
1/26/2024 22:24	52102 MEIS_T1	165	174	9	0.29	0.26	-0.03	0	0	0	0	0	0	0	0
1/26/2024 22:24	51107 CARL_T1	0	0	0	0	0	0	-0.39	-0.36	0	0	0	0	0	0
1/26/2024 22:24	54503 ENOL_T2	0	0	0	0	0	0	-1.25	-1.33	1	1	0	600	600	0
1/26/2024 22:24	67605 WARW_T1	1	15	14	0.1	0.35	0.25	-1.02	-1.02	0	0	0	0	0	0
1/26/2024 22:24	13302 ORVI_T2	0	0	0	0	0	0	0.88	0.87	0	0	0	0	0	0
1/26/2024 22:24	42903 MIDD_T2	24	39	15	0.39	0.34	-0.05	-0.27	-0.28	0	0	0	0	0	0
1/26/2024 22:24	40602 PIGR_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1/26/2024 22:24	67602 WARW_T2	1	2	1	0	0	0	1.33	1.35	0	0	0	0	0	0
1/26/2024 22:24	60803 BUCK_T1	0	0	0	0	0	0	-0.58	-0.57	1	1	0	600	600	0
1/26/2024 22:24	57403 SPAN_T1	42	114	72	0.33	0.26	-0.07	0.04	0.02	0	0	0	0	0	0
1/26/2024 22:24	10805 CHHI_T2	1	1	0	6.7	6.3	-0.4	0	0	0	0	0	0	0	0
1/26/2024 22:24	42901 MIDD_T2	402	416	14	0.46	0.47	0.01	0	0	0	0	0	0	0	0
1/26/2024 22:24	40502 CRES_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1/26/2024 22:24	40505 CRES_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1/26/2024 22:24	58402 MORO_T1	1	0	-1	1.5	0	-1.5	0.15	0.13	1	1	0	900	900	0
1/26/2024 22:24	59301 MCAL_T1	2	2	0	0.65	0.7	0.05	0	0	0	0	0	0	0	0
1/26/2024 22:24	41801 GOCI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1/26/2024 22:24	64101 REFR_T1	0	0	0	0	0	0	-0.19	-0.16	0	0	0	0	0	0
1/26/2024 22:24	56802 BENV_T2	1	0	-1	0.2	0	-0.2	-3.82	-7.42	0	0	0	0	0	0
1/26/2024 22:25	65901 SAKR_T2	1	1	0	9.1	9.7	0.6	0	0	0	0	0	0	0	0
1/26/2024 22:25	40505 CRES_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1/26/2024 22:25	42601 TUSC_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1/26/2024 22:25	57401 SPAN_T1	48	25	-23	0.21	0.24	0.03	-2.29	-1.88	2	2	0	1200	1200	0
1/26/2024 22:25	67401 WAKE_T2	0	0	0	0	0	0	-0.96	-0.97	0	0	0	0	0	0
1/26/2024 22:25	16402 MOPO_T1	0	0	0	0	0	0	0.09	0.09	0	0	0	0	0	0
1/26/2024 22:25	40903 JESH_T1	111	133	22	0.16	0.19	0.03	0	0	0	0	0	0	0	0
1/26/2024 22:25	52102 MEIS_T1	165	174	9	0.29	0.26	-0.03	0	0	0	0	0	0	0	0
1/26/2024 22:25	46302 ROHR_T1	153	176	23	0.41	0.45	0.04	0.18	0.17	0	0	0	0	0	0
1/26/2024 22:25	46004 BERW_T2	0	0	0	0	0	0	-0.84	-0.87	0	0	0	0	0	0
1/26/2024 22:25	40101 HUNT_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1/26/2024 22:25	56504 ROCK_T2	0	0	0	0	0	0	-0.42	-0.42	0	0	0	0	0	0
1/26/2024 22:25	44301 BEAV_T2	6	5	-1	0.47	0.44	-0.03	0	0	0	0	0	0	0	0
1/26/2024 22:25	66901 SHIL_T2	0	1	1	0	0.2	0.2	-1.81	-1.88	1	1	0	1200	1200	0
1/26/2024 22:25	40502 CRES_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1/26/2024 22:25	67502 WEWI_T2	244	204	-40	0.29	0.24	-0.05	-1.01	-1.09	0	0	0	0	0	0
1/26/2024 22:25	29401 BELT_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1/26/2024 22:25	65001 NEFF_T2	0	0	0	0	0	0	-1.36	-1.35	1	1	0	1200	1200	0
1/26/2024 22:25	59101 WALK_T2	0	0	0	0	0	0	1.32	1.24	0	0	0	0	0	0
1/26/2024 22:25	54505 ENOL_T2	1	1	0	0.6	0.6	0	-1.35	-1.36	1	1	0	600	600	0
1/26/2024 22:25	64101 REFR_T1	0	0	0	0	0	0	-0.58	-0.49	0	0	0	0	0	0
1/26/2024 22:25	47001 HUGH_T2	0	0	0	0	0	0	-0.19	-0.89	0	0	0	0	0	0
1/26/2024 22:26	54502 ENOL_T2	0	0	0	0	0	0	-1.16	-1.16	1	1	0	600	600	0
1/26/2024 22:26	56501 ROCK_T2	1	1	0	0.2	0.4	0.2	-0.94	-0.92	0	0	0	0	0	0
1/26/2024 22:26	47403 PENS_T1	8	26	18	0.15	0.17	0.02	0	0	0	0	0	0	0	0
1/26/2024 22:26	55003 NEWP_T2	0	0	0	0	0	0	-0.25	-0.27	0	0	0	0	0	0
1/26/2024 22:26	40603 PIGR_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1/26/2024 22:26	12701 MACU_T1	1	0	-1	0.3	0	-0.3	0.06	0.08	0	0	0	0	0	0
1/26/2024 22:26	56504 ROCK_T2	0	0	0	0	0	0	-0.42	-0.42	0	0	0	0	0	0
1/26/2024 22:26	10801 CHHI_T1	0	0	0	0	0	0	0	0	1	1	0	900	900	0
1/26/2024 22:26	54503 ENOL_T2	0	0	0	0	0	0	-1.25	-1.33	1	1	0	600	600	0
1/26/2024 22:26	54204 PENN_T2	1	2	1	0.1	0.15	0.05	0	0	0	0	0	0	0	0
1/26/2024 22:26	56802 BENV_T2	1	0	-1	0.2	0	-0.2	-3.05	-5.93	0	0	0	0	0	0
1/26/2024 22:26	27502 WEIS_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1/26/2024 22:26	45902 AUBU_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1/26/2024 22:26	67502 WEWI_T2	244	204	-40	0.29	0.24	-0.05	-0.5	-0.54	0	0	0	0	0	0
1/26/2024 22:26	46101 MACI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1/26/2024 22:26	60803 BUCK_T1	0	0	0	0	0	0	-0.58	-0.57	1	1	0	600	600	0
1/26/2024 22:26	40505 CRES_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1/26/2024 22:26	67204 TEHI_T2	0	0	0	0	0	0	-0.3	-0.3	0	0	0	0	0	0
1/26/2024 22:26	55002 NEWP_T1	5	5	0	0.62	0.44	-0.18	-0.29	-0.32	0	0	0	0	0	0
1/26/2024 22:26	65001 NEFF_T2	0	0	0	0	0	0	-1.36	-1.35	1	1	0	1200	1200	0
1/26/2024 22:26	53601 DALM_T2	1	1	0	0.2	0.2	0	-0.23	-0.2	0	0	0	0	0	0
1/26/2024 22:26	10805 CHHI_T2	1	1	0	6.7	6.3	-0.4	0	0	0	0	0	0	0	0
1/26/2024 22:26	40502 CRES_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1/26/2024 22:26	52501 PROG_T1	0	0	0	0	0	0	0.25	0.24	1	1	0	300	300	0
1/26/2024 22:27	56501 ROCK_T2	1	1	0	0.2	0.4	0.2	-0.47	-0.46	0	0	0	0	0	0
1/26/2024 22:27	54206 PENN_T2	0	0	0	0	0	0	-0.11	-0.15	0	0	0	0	0	0
1/26/2024 22:27	60701 BREC_T1	0	0	0	0	0	0	0.01	-0.03	0	0	0	0	0	0
1/26/2024 22:27	44302 BEAV_T2	270	246	-24	0.59	0.6	0.01	0	0	0	0	0	0	0	0
1/26/2024 22:27	62604 ENGL_T1	0	0	0	0	0	0	0.16	0	0	0	0	0	0	0
1/26/2024 22:27	54202 PENN_T2	0	0	0	0	0	0	0.46	0.43	0	0	0	0	0	0
1/26/2024 22:27	28604 BLYT_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1/26/2024 22:27	41801 GOCI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1/26/2024 22:27	51102 CARL_T1	5	5	0	0.14	0.14	0	0	0	0	0	0	0	0	0
1/26/2024 22:27	64902 MILL_T2	0	0	0	0	0	0	0.21	0.17	0	0	0	0	0	0
1/26/2024 22:27	54505 ENOL_T2	1	1	0	0.6	0.6	0	-4.05	-4.08	3	3	0	1800	1800	0
1/26/2024 22:27	40502 CRES_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1/26/2024 22:27	12701 MACU_T1	1	0	-1	0.3	0	-0.3	0.06	0.08	0	0	0	0	0	0
1/26/2024 22:27	54505 ENOL_T2	1	1	0	0.6	0.6	0	-4.05	-4.08	3	3	0	1800	1800	0
1/26/2024 22:27	56802 BENV_T2	1	0	-1	0.2	0	-0.2	-1.53	-2.97	0	0	0	0	0	0
1/26/2024 22:27	60803 BUCK_T1	0	0	0	0	0	0	-0.58	-0.57	1	1	0	600	600	0
1/26/2024 22:27	42201 SHEN_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1/26/2024 22:27	46203 DANV_T2	0	0	0	0	0	0	-0.17	-0.15	0	0	0	0	0	0
1/26/2024 22:28	10805 CHHI_T2	1	1	0	6.7	6.3	-0.4	0	0	0	0	0	0	0	0
1/26/2024 22:28	67602 WARW_T2	1	2	1	0	0	0	1.33	1.35	0	0	0	0	0	0
1/26/2024 22:28	40101 HUNT_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1/26/2024 22:28	54505 ENOL_T2	1	1	0	0.6	0.6	0	-1.35	-1.36	1	1	0	600	600	0
1/26/2024 22:29	40505 CRES_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1/26/2024 22:29	57401 SPAN_T1	48	25	-23	0.21	0.24	0.03	-2.29	-1.88	2	2	0	1200	1200	0
1/26/2024 22:40	64204 KINZ_T1	1	1	0	1.1	1	-0.1	0	0	0	0	0	0	0	0
1/26/2024 22:41	64204 KINZ_T1	1	1	0	1.1	1	-0.1	0	0	0	0	0	0	0	0
1/26/2024 22:47	56501 ROCK_T2	1	2	1	0.5	0.1	-0.4	0	0	0	0	0	0	0	0
1/26/2024 22:57	13105 NHAM_T2	0	0	0	0	0	0	-0.37	-0.36	1	1	0	1200	1200	0
1/26/2024 23:00	64203 KINZ_T1	0	0	0	0	0	0	0.06	0.02	0	0	0	0	0

Appendix C - Grid Benefits Achieved in Each Instance of Active Management

1/27/2024 5:01	64204 KINZ_T1	1	1	0	0.2	0.6	0.4	0	0	0	0	0	0	0	0
1/27/2024 5:14	65001 NEFF_T2	0	0	0	0	0	0	-1.31	-1.3	1	1	0	1200	1200	0
1/27/2024 5:20	64203 KINZ_T1	0	0	0	0	0	0	0.1	0.1	0	0	0	0	0	0
1/27/2024 5:21	64204 KINZ_T1	1	1	0	0.2	0.7	0.5	0	0	0	0	0	0	0	0
1/27/2024 5:40	64204 KINZ_T1	1	1	0	0.6	0.7	0.1	0	0	0	0	0	0	0	0
1/27/2024 5:41	64203 KINZ_T1	0	0	0	0	0	0	0.1	0.16	0	0	0	0	0	0
1/27/2024 5:51	65001 NEFF_T2	0	0	0	0	0	0	-1.35	-1.27	1	1	0	1200	1200	0
1/27/2024 6:00	64203 KINZ_T1	0	0	0	0	0	0	0.16	0.13	0	0	0	0	0	0
1/27/2024 6:01	64204 KINZ_T1	1	1	0	0.6	0.1	-0.5	0	0	0	0	0	0	0	0
1/27/2024 6:28	65001 NEFF_T2	0	0	0	0	0	0	-1.27	-1.24	1	1	0	1200	1200	0
1/27/2024 6:44	65001 NEFF_T2	0	0	0	0	0	0	-1.24	-1.22	1	1	0	1200	1200	0
1/27/2024 7:05	65001 NEFF_T2	0	0	0	0	0	0	-1.22	-1.1	1	1	0	1200	1200	0
1/27/2024 7:36	65001 NEFF_T2	0	0	0	0	0	0	-1.09	-1.13	1	1	0	1200	1200	0
1/27/2024 7:52	65001 NEFF_T2	0	0	0	0	0	0	-1.13	-1.2	1	1	0	1200	1200	0
1/27/2024 9:00	44201 POIN_T1	0	0	0	0	0	0	-1.8	-1.81	1	1	0	900	900	0
1/27/2024 9:00	67503 WEWI_T2	0	0	0	0	0	0	-0.34	-0.39	0	0	0	0	0	0
1/27/2024 9:00	16101 BING_T2	0	1	1	0	0	0	0.47	0.45	0	0	0	0	0	0
1/27/2024 9:00	40505 CRES_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1/27/2024 9:00	54202 PENN_T2	0	0	0	0	0	0	0.52	0.56	0	0	0	0	0	0
1/27/2024 9:00	16402 MOPO_T1	4	5	1	0.68	0.4	-0.28	-0.13	-0.14	0	0	0	0	0	0
1/27/2024 9:00	59102 WALK_T2	0	0	0	0	0	0	-0.44	-0.45	1	1	0	600	600	0
1/27/2024 9:00	42902 MIDD_T2	57	51	-6	0.32	0.32	0	0	0	0	0	0	0	0	0
1/27/2024 9:00	40502 CRES_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1/27/2024 9:00	42001 MNVL_T2	0	0	0	0	0	0	0.04	0.07	0	0	0	0	0	0
1/27/2024 9:00	65001 NEFF_T2	0	0	0	0	0	0	-1.14	-1.18	1	1	0	1200	1200	0
1/27/2024 9:00	41902 REED_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1/27/2024 9:00	46004 BERW_T2	0	0	0	0	0	0	-0.86	-0.83	0	0	0	0	0	0
1/27/2024 9:00	47101 MARL_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1/27/2024 9:00	67402 WAKE_T2	0	0	0	1	0	0	-0.42	-0.42	1	1	0	600	600	0
1/27/2024 9:00	53501 EVIL_T2	3	8	5	0.23	0.29	0.06	-0.72	-0.77	0	0	0	0	0	0
1/27/2024 9:00	60701 BREC_T1	0	0	0	0	0	0	-0.5	-0.51	1	1	0	600	600	0
1/27/2024 9:00	43304 WATS_T2	1	0	-1	0.7	0	-0.7	-0.31	-0.34	1	1	0	600	600	0
1/27/2024 9:00	43001 ALWD_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1/27/2024 9:01	67002 STHI_T2	0	0	0	0	0	0	0.54	0.52	0	0	0	0	0	0
1/27/2024 9:01	57403 SPAN_T1	0	0	0	0	0	0	0.06	0.05	0	0	0	0	0	0
1/27/2024 9:01	40101 HUNT_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1/27/2024 9:02	45601 WOOL_T1	0	0	0	0	0	0	-0.72	-0.33	1	1	0	1200	1200	0
1/27/2024 9:02	56802 BENV_T2	0	0	0	0	0	0	-1.45	-1.43	0	0	0	0	0	0
1/27/2024 9:07	60101 COCA_T1	0	0	0	0	0	0	0.3	0.26	0	0	0	0	0	0
1/27/2024 9:07	27502 WEIS_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1/27/2024 9:08	43001 ALWD_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1/27/2024 9:08	60801 BUCK_T1	0	0	0	0	0	0	-0.87	-0.84	1	1	0	600	600	0
1/27/2024 14:59	20401 ASHF_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1/27/2024 18:14	40505 CRES_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1/27/2024 19:21	20401 ASHF_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1/28/2024 8:07	45901 AUBU_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1/28/2024 8:30	55002 NEWP_T1	4	5	1	0.35	0.36	0.01	0	-0.21	0	0	0	0	0	0
1/28/2024 8:36	55002 NEWP_T1	4	5	1	0.35	0.36	0.01	0	-0.21	0	0	0	0	0	0
1/28/2024 8:42	40502 CRES_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1/28/2024 8:54	40502 CRES_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1/28/2024 9:00	60701 BREC_T1	0	0	0	0	0	0	-0.51	-0.54	1	1	0	600	600	0
1/28/2024 9:00	46004 BERW_T2	0	0	0	0	0	0	-0.78	-0.75	0	0	0	0	0	0
1/28/2024 9:00	65001 NEFF_T2	4	14	10	0.1	0.12	0.02	-1.3	-1.18	1	1	0	1200	1200	0
1/28/2024 9:00	41902 REED_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1/28/2024 9:00	67503 WEWI_T2	0	0	0	0	0	0	-0.1	-0.09	0	0	0	0	0	0
1/28/2024 9:00	43001 ALWD_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1/28/2024 9:00	40502 CRES_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1/28/2024 9:00	27502 WEIS_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1/28/2024 9:00	60801 BUCK_T1	0	0	0	0	0	0	-0.85	-0.86	1	1	0	600	600	0
1/28/2024 9:00	43304 WATS_T2	0	0	1	0	0	0	0.38	0.37	0	0	0	0	0	0
1/28/2024 9:00	59102 WALK_T2	0	0	0	0	0	0	-0.4	-0.4	1	1	0	600	600	0
1/28/2024 9:00	42001 MNVL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1/28/2024 9:00	16101 BING_T2	1	6	5	0.1	0	-0.1	0.49	0.54	0	0	0	0	0	0
1/28/2024 9:00	42902 MIDD_T2	72	72	0	0.38	0.4	0.02	0	0	0	0	0	0	0	0
1/28/2024 9:00	23401 HONE_T2	1	1	0	0.7	0	-0.7	-0.48	-0.46	0	0	0	0	0	0
1/28/2024 9:00	67402 WAKE_T2	0	0	0	0	0	0	-0.39	-0.39	1	1	0	600	600	0
1/28/2024 9:03	58402 MORO_T1	0	0	0	0	0	0	-0.52	-0.46	2	2	0	1500	1500	0
1/28/2024 9:07	67503 WEWI_T2	0	0	0	0	0	0	-0.1	-0.09	0	0	0	0	0	0
1/28/2024 9:07	59101 WALK_T2	0	0	0	0	0	0	1.15	1.49	0	0	0	0	0	0
1/28/2024 9:07	53501 EVIL_T2	8	5	-2	0.41	0.28	-0.13	-0.76	-0.73	0	0	0	0	0	0
1/28/2024 9:07	61306 EARL_T1	0	1	1	0	0.1	0.1	0	0	0	0	0	0	0	0
1/28/2024 9:07	44201 POIN_T1	0	0	0	0	0	0	-1.01	-1.07	0	0	0	0	0	0
1/28/2024 9:09	43001 ALWD_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1/28/2024 9:10	45901 AUBU_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1/28/2024 9:11	46206 DANV_T2	0	1	1	0	0.2	0.2	4.85	4.87	2	2	0	2400	2400	0
1/28/2024 9:12	46206 DANV_T2	0	1	1	0	0.2	0.2	2.43	2.43	1	1	0	1200	1200	0
1/28/2024 9:18	55002 NEWP_T1	6	6	0	0.33	0.35	0.02	-0.19	-0.18	0	0	0	0	0	0
1/28/2024 9:23	45902 AUBU_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1/28/2024 9:23	29402 BELT_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1/28/2024 9:24	45902 AUBU_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1/28/2024 9:26	49803 UNIV_T1	0	0	0	0	0	0	-1.04	-1.05	0	0	0	0	0	0
1/28/2024 9:30	52102 MEIS_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1/28/2024 9:32	52102 MEIS_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1/28/2024 9:35	49803 UNIV_T1	0	0	0	0	0	0	-1.04	-1.05	0	0	0	0	0	0
1/28/2024 9:38	45902 AUBU_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1/28/2024 9:40	45902 AUBU_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1/28/2024 9:48	64101 REFR_T1	0	0	0	0	0	0	-0.05	-0.02	0	0	0	0	0	0
1/28/2024 9:49	41902 REED_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1/28/2024 9:50	64101 REFR_T1	0	0	0	0	0	0	-0.03	-0.01	0	0	0	0	0	0
1/28/2024 9:50	59101 WALK_T2	0	0	0	0	0	0	1.29	1.27	0	0	0	0	0	0
1/28/2024 9:50	67501 WNHO_T2	0	0	0	0	0	0	-0.75	-0.73	0	0	0	0	0	0
1/28/2024 9:50	65901 SAKR_T2	1	1	0	7	7	0	-1.2	-1.26	1	1	0	900	900	0
1/28/2024 9:51	56501 ROCK_T2	2	2	0	2.6	2.1	-0.5	-3.07	-2.97	0	0	0	0	0	0
1/28/2024 9:51	65901 SAKR_T2	1	1	0	7	7	0	-1.2	-1.26	1	1	0	900	900	0
1/28/2024 9:51	59101 WALK_T2	0	0	0	0	0	0	1.29	1.27	0	0	0	0	0	0
1/28/2024 9:51	64101 REFR_T1	0	0	0	0	0	0	-0.02	-0.01	0	0	0	0	0	0
1/28/2024 9:51	41902 REED_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1/28/2024 9:52	66504 SMAN_T2	0	0	0	0	0	0	4.14	4.32	3	3	0	3600	3600	0
1/28/2024 9:53	29402 BELT_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1/28/2024 9:54	53901 HAU_T2	55	96	41	0.19	0.33	0.14	-1.42	-1.41	0	0	0	0	0	0
1/28/2024 9:54	29402 BELT_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1/28/2024 9:55	59101 WALK_T2	0	0	0	0	0	0	1.27	1.38	0	0	0	0	0	0
1/28/2024 9:55	53901 HAU_T2	55	96	41	0.19	0.33	0.14	-1.42	-1.41	0	0	0	0	0	0
1/28/2024 9:56	40502 CRES_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1/28/2024 9:58	63404 HONY_T1	2	2	0	5.95	0	0	0	0	0	0	0	0	0	0
1/28/2024 9:59	59301 MCAL_T1	2	2	0	0.2	0.6	0.4	-1.85	-1.84	1	1	0	600	600	0
1/28/2024 10:03	43201 MVIL_T2	0	1	1	0	0	0	-0.36	-0.36	0	0	0	0	0	0
1/28/2024 10:03	55002 NEWP_T1	4	4	0	0.7	0.45	-0.25	-0.19	-0.18	0	0	0	0	0	0
1/28/2024 10:04	14403 SSLA_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1/28/2024 10:04	54001 SDLE_T1	4	4	0	0.63	0.5	-0.13	0	0	1	1	0	600	600	0
1/28/2024 10:05	54001 SDLE_T1	4	4	0	0.63	0.5	-0.13	0	0	1	1	0	600	600	0
1/28/2024 10:06	54001 SDLE_T1	4	4	0	0.63	0.5	-0.13	0	0	1	1	0	600	600	0
1/28/2024 10:07	49803 UNIV_T1	0	0	0	0	0	0	-1.04	-1.02	0	0	0	0	0	0
1/28/2024 10:07	54001 SDLE_T1	4	4	0	0.63	0.5	-0.13	0	0	1	1	0	600	600	0
1/28/2024 10:09	28604 BLYT_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1/28/2024 10:09	46001 BERW_T1	0	0	0	0	0	0	0.64	0.65	0	0	0	0	0	0
1/28/2024 10:11	65001 NEFF_T2	7	8	1	0.11	0.13	0.02	-1.18	-1.18	1	1	0	1200	1200	0
1/28/2024 10:11	60501 NMAN_T2	3	3	0	4.4	4.97	0.57	0	0	0	0	0	0	0	0
1/28/2024 10:11	45901 AUBU_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1/28/2024 10:12	27101 GFLD_T2	0	0	0	0	0	0	0.29	0.34	0	0	0	0	0	0
1/28/2024 10:12	53901 HAU_T2	96	0	-96	0.33	0	-0.33	-2.82	-2.86	0	0	0	0	0	0
1/28/2024 10:13	53903 HAU_T2	0	2	2	0	0.65	0.65	0	0	0	0	0	0	0	0
1/28/2024 10:14	65001 NEFF_T2	7	8	1	0.11	0.13	0.02	-1.18	-1.18	1	1	0	1200	1200	0
1/28/2024 10:14	24702 FLND_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1/28/2024 10:15	53901 HAU_T2	0	0	0	0	0	0	-1.41	-1.43	0	0	0	0	0	0
1/28/2024 10:16	53903 HAU_T2	2	2	0	0.65	0.55	-0.1	0	0	0	0	0	0	0	0
1/28/2024 10:17	55002 NEWP_T1	3	4	1	0.3	0.45	0.15	-0.18	-0.17	0	0	0	0	0	0
1/28/2024 10:17	53903 HAU_T2	2	2	0	0.65	0.55	-0.1	0	0	0	0	0	0	0	0
1/28/2024 10:18	55002 NEWP_T1	3	4	1	0.3	0.45	0.15	-0.18	-0.17	0	0	0	0	0	0
1/28/2024 10:18	16402 MOPO_T1	1	8	7	0.3	0.25	-0.05	-0.07	-0.08	0	0	0	0	0	0
1/28/2024 10:19	56501 ROCK_T2	2	2	0	2.2	1.5	-0.7	-1.5	-1.49	0	0	0	0	0	0
1/28/2024 10:20	55002 NEWP_T1	3	4	1	0.3	0.45	0.15	-0.18	-0.17	0	0	0	0	0	0
1/28/2024 10:20	14403 SSLA_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1/28/2024 10:20	57401 SPAN_T1	0	0	0	0	0	0	-1.05	-1.03	1	1	0	600	600	0
1/28/2024 10:20	16402 MOPO_T1	1	8	7	0.3	0.25	-0.05	-0.07	-0.08	0	0	0	0	0	0
1/28/2024 10:21	55002 NEWP_T1	3	4	1	0.3	0.45	0.15	-0.18	-0.17	0	0	0	0	0	0
1/28/2024 10:22	57401 SPAN_T1	0	0	0	0	0	0	-1.05	-1.03	1	0	-1	600	0	-600
1/28/2024 10:22	56501 ROCK_T2	2	2	0	2.2	1.5	-0.7	-1.5	-1.49	0	0	0	0	0	0
1/28/2024 10:22	56803 BENV_T1	0	1	1	0	0	0	0	0	0	0	0	0	0	0
1/28/2024 10:23	57401 SPAN_T1	0	3	3	0	0	0	-3.15	-3.09	3	0	-3	1800	0	-1800
1/28/2024 10:23	56801 BENV_T1	0	3	3	0	0.27	0.27	-1.95	-1.89	3	0	-3	1800	0	-1800
1/28/2024 10:24	56802 BENV_T2	0	0	0	0	0	0	-1.37	-1.31	0	0	0	0	0	0
1/28/2024 10:25	56803 BENV_T1	0	1	1	0	0	0	0	0	0	0	0	0	0	0
1/28/2024 10:26	45901 AUBU_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1/28/2024 10:26	57401 SPAN_T1	0	0	0	0	0	0	-1.03	-1.08	1	0	-1	600	0	-600
1/28/2024 10:26	17802 GILB_T1	0	0	0	0	0	0	0.19	0.19	0	0	0	0	0	0
1/28/2024 10:26	56802 BENV_T2	0	0	0	0	0	0	-2.74	-2.62	0	0	0	0	0	0
1/28/2024 10:26	56803 BENV_T1	0	1	1	0	0	0	0	0	0	0	0	0	0	0
1/28/2024 10:26	17805 GILB_T2	0	0	0	0	0	0	0.06	0.05	0	0	0	0	0	0
1/28/2024 10:26	10805 CHHI_T2	1	1	0	7.4	7.3	-0.1	0	0	0	0	0	0	0	0
1/28/2024 10:27	44301 BEAV_T2	2	2	0	0.3	0.25	-0.05	-0.3	-0.36	0	0	0	0	0	0
1/28/2024 10:27	56803 BENV_T1	0	1	1	0	0	0	0	0	0	0	0	0	0	0
1/28/2024 10:28	56802 BENV_T2	0	0	0	0	0	0	-1.37	-1.31	0	0	0	0	0	0
1/28/2024 10:36	40603 PIGR_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1/28/2024 10:39	55002 NEWP_T1	4	4	0	0.45	0.33	-0.12	-0.6	-0.57	0	0	0	0	0	0
1/28/2024 10:39	57303 MOAL_T2	1	1	0	8.2	8.2	0	0	0	0	0	0	0	0	0
1/28/2024 10:39	56802 BENV_T2	0	0	0	0	0	0	-2.62	-2.6	0	0	0	0	0	0
1/28/2024 10:39	40502 CRES_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1/28/2024 10:40	10805 CHHI_T2	1	1	0	7.3	7.4	0.1	0	0	0	0	0	0	0	0
1/28/2024 10:40	66703 STRA_T1	0	0	0	0	0	0	-0.19	-0.21	0	0	0	0	0	0
1/28/2024 10:40	17805 GILB_T2	0	0	0	0	0	0	0.05	0.09	0	0	0	0	0	0
1/28/2024 10:40	55002 NEWP_T1	4	4	0	0.45	0.33	-0.12	-0.2	-0.19	0	0	0	0	0	0
1/28/2024 10:40	40502 CRES_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1/28/2024 10:41	14403 SSLA_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1/28/2024 10:41	40502 CRES_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1/28/2024 10:41	17805 GILB_T2	0	0	0	0	0	0	0.05	0.09	0	0	0	0	0	0
1/28/2024 10:42	40502 CRES_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1/28/2024 10:42	56803 BENV_T1	0	1	1	0	0.2	0.2	0	0	0	0	0	0	0	0
1/28/2024 10:43	52102 MEIS_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1/28/2024 10:43	40502 CRES_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1/28/2024 10:44	42903 MIDD_T2	2	2	0	2.1	2.05	-0.05	0	0	0	0	0	0	0	0
1/28/2024 10:44	40502 CRES_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1/28/2024 10:46	55002 NEWP_T1	3	4	1	0.17	0.33	0.16	-0.2	-0.19	0	0	0	0	0	0
1/28/2024 10:48	55002 NEWP_T1	3	4	1	0.17	0.33	0.16	-0.4	-0.38	0	0	0	0	0	0
1/28/2024 10:48	40602 PIGR_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1/28/2024 10:49	55002 NEWP_T1	3	4	1	0.17	0.33	0.16	-0.4	-0.38	0	0	0	0	0	0
1/28/2024 10:50	66703 STRA_T1	0	0	0	0	0	0	-0.19	-0.21	0	0	0	0	0	0
1/28/2024 10:53	60201 ATGL_T2	0	0	0	0	0	0	0.28	0.31	0	0	0	0	0	0
1/28/2024 10:54	46206 DANV_T2	6	1	-5	0.32	0	-0.32	0	0	0	0	0	0	0	0
1/28/2024 10:54	40502 CRES_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1/28/2024 10:55	46206 DANV_T2	6	1	-5	0.32	0	-0.32	0	0	0	0	0	0	0	0
1/28/2024 10:55	10805 CHHI_T2

Appendix C - Grid Benefits Achieved in Each Instance of Active Management

1/28/2024 11:39	57401 SPAN_T1	0	0	0	0	0	0	-1.03	-1.03	0	0	0	0	0	0
1/28/2024 11:39	10805 CHHI_T2	1	1	0	7.4	7.5	0.1	0	0	0	0	0	0	0	0
1/28/2024 11:39	45501 DERR_T2	1	1	0	0	0	0	-2.67	-2.55	0	0	0	0	0	0
1/28/2024 11:40	10805 CHHI_T2	1	1	0	7.4	7.5	0.1	0	0	0	0	0	0	0	0
1/28/2024 11:41	40502 CRES_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1/28/2024 11:42	10805 CHHI_T2	1	1	0	7.4	7.5	0.1	0	0	0	0	0	0	0	0
1/28/2024 11:45	45702 LIND_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1/28/2024 11:47	64203 KINZ_T1	0	0	0	0	0	0	-0.5	-0.53	0	0	0	0	0	0
1/28/2024 11:49	14403 SSLA_T1	0	1	1	0	0	0	0.9	0.88	0	0	0	0	0	0
1/28/2024 11:50	59101 WALK_T2	0	2	2	0	0	0	1.37	1.48	0	0	0	0	0	0
1/28/2024 11:50	58401 MORO_T1	0	1	1	0	0	0	0	0	0	0	0	0	0	0
1/28/2024 11:50	40603 PIGR_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1/28/2024 11:51	42701 AUGU_T1	1	0	-1	2.5	0	-2.5	0	0	0	0	0	0	0	0
1/28/2024 11:51	67402 WAKE_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1/28/2024 11:51	67901 WNHO_T2	6	5	-1	0.12	0.12	0	-0.77	-0.73	0	0	0	0	0	0
1/28/2024 11:51	59101 WALK_T2	0	2	2	0	0	0	2.73	2.95	0	0	0	0	0	0
1/28/2024 11:52	59101 WALK_T2	0	2	2	0	0	0	1.37	1.48	0	0	0	0	0	0
1/28/2024 11:55	10805 CHHI_T2	1	7	6	7.8	7.5	-0.3	0	0	0	0	0	0	0	0
1/28/2024 11:55	59101 WALK_T2	0	2	2	0	0	0	2.95	2.93	0	0	0	0	0	0
1/28/2024 11:55	40502 CRES_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1/28/2024 11:57	10805 CHHI_T2	1	7	6	7.8	7.5	-0.3	0	0	0	0	0	0	0	0
1/28/2024 11:57	40502 CRES_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1/28/2024 11:59	40502 CRES_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1/28/2024 12:01	45702 LIND_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1/28/2024 12:05	40603 PIGR_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1/28/2024 12:06	67402 WAKE_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1/28/2024 12:07	67901 WNHO_T2	4	3	-1	0.13	0.13	0	-0.73	-0.74	0	0	0	0	0	0
1/28/2024 12:08	10805 CHHI_T2	1	10	9	7.5	1.87	-5.63	0	0	0	0	0	0	0	0
1/28/2024 12:09	67402 WAKE_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1/28/2024 12:11	42701 AUGU_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1/28/2024 12:11	10805 CHHI_T2	1	10	9	7.5	1.87	-5.63	0	0	0	0	0	0	0	0
1/28/2024 12:14	67402 WAKE_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1/28/2024 12:20	65001 NEFF_T2	0	0	0	0	0	0	-1.13	-1.19	0	0	0	0	0	0
1/28/2024 12:21	14403 SSLA_T1	0	0	0	0	0	0	0.92	0.98	0	0	0	0	0	0
1/28/2024 12:24	67402 WAKE_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1/28/2024 12:30	67402 WAKE_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1/28/2024 12:33	45702 LIND_T2	0	0	0	0	0	0	0	-0.36	0	0	0	0	0	0
1/28/2024 12:34	57401 SPAN_T1	0	0	0	0	0	0	-1.02	-1	0	0	0	0	0	0
1/28/2024 12:46	60502 NMAN_T2	0	0	0	0	0	0	-0.64	-0.63	0	0	0	0	0	0
1/28/2024 12:50	66302 MCGO_T2	0	0	0	0	0	0	-1.39	-1.42	0	0	0	0	0	0
1/28/2024 12:50	57401 SPAN_T1	0	0	0	0	0	0	-3	-3.18	0	0	0	0	0	0
1/28/2024 12:51	57401 SPAN_T1	0	0	0	0	0	0	-1	-1.06	0	0	0	0	0	0
1/28/2024 12:53	57401 SPAN_T1	0	0	0	0	0	0	-2	-2.12	0	0	0	0	0	0
1/28/2024 12:53	59101 WALK_T2	0	2	2	0	0	0	4.65	4.69	0	0	0	0	0	0
1/28/2024 12:54	59101 WALK_T2	0	2	2	0	0	0	3.13	3.09	0	0	0	0	0	0
1/28/2024 12:55	59101 WALK_T2	0	2	2	0	0	0	1.56	1.55	0	0	0	0	0	0
1/28/2024 12:55	42701 AUGU_T1	1	1	0	3.7	0	-3.7	0	0	0	0	0	0	0	0
1/28/2024 13:01	44901 SCOT_T2	0	0	0	0	0	0	-0.59	-0.61	0	0	0	0	0	0
1/28/2024 13:01	57304 MOAL_T2	0	0	0	0	0	0	-0.38	-0.28	0	0	0	0	0	0
1/28/2024 13:04	44904 SCOT_T1	0	0	0	0	0	0	-0.06	-0.06	0	0	0	0	0	0
1/28/2024 13:04	58402 MORO_T1	0	0	0	0	0	0	-0.52	-0.42	0	0	0	0	0	0
1/28/2024 13:04	44901 SCOT_T2	0	0	0	0	0	0	-0.59	-0.61	0	0	0	0	0	0
1/28/2024 13:04	13704 SCHN_T2	0	0	0	0	0	0	-0.8	-0.82	0	0	0	0	0	0
1/28/2024 13:05	13704 SCHN_T2	0	0	0	0	0	0	-1.59	-1.64	0	0	0	0	0	0
1/28/2024 13:09	59101 WALK_T2	0	2	2	0	0	0	1.55	1.57	0	0	0	0	0	0
1/28/2024 13:10	59101 WALK_T2	0	2	2	0	0	0	1.55	1.57	0	0	0	0	0	0
1/28/2024 13:11	59101 WALK_T2	0	2	2	0	0	0	1.55	1.57	0	0	0	0	0	0
1/28/2024 13:23	65001 NEFF_T2	0	0	0	0	0	0	-1.24	-1.24	0	0	0	0	0	0
1/28/2024 13:24	45501 DERR_T2	1	1	0	0	0	0	-0.8	-0.81	0	0	0	0	0	0
1/28/2024 13:28	45501 DERR_T2	1	1	0	0	0	0	-0.8	-0.81	0	0	0	0	0	0
1/28/2024 13:35	59101 WALK_T2	0	0	0	0	0	0	3.14	2.51	0	0	0	0	0	0
1/28/2024 13:40	59101 WALK_T2	0	0	0	0	0	0	1.26	1.55	0	0	0	0	0	0
1/28/2024 13:52	13704 SCHN_T2	0	1	1	0	0	0	-0.82	-0.84	0	0	0	0	0	0
1/28/2024 13:54	67402 WAKE_T2	0	0	0	0	0	0	0	-0.42	0	0	0	0	0	0
1/28/2024 13:59	67402 WAKE_T2	0	0	0	0	0	0	0	-0.42	0	0	0	0	0	0
1/28/2024 14:05	65001 NEFF_T2	1	4	3	0.1	0.13	0.03	-1.27	-1.26	0	0	0	0	0	0
1/28/2024 14:06	67402 WAKE_T2	0	0	0	0	0	0	0	-0.42	0	0	0	0	0	0
1/28/2024 14:06	43001 ALWD_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1/28/2024 14:09	67402 WAKE_T2	0	0	0	0	0	0	-0.42	-0.41	0	0	0	0	0	0
1/28/2024 14:15	67402 WAKE_T2	0	0	0	0	0	0	-0.42	-0.41	0	0	0	0	0	0
1/28/2024 14:16	59301 MCAL_T1	2	2	0	0.5	0.6	0.1	-1.85	-1.83	0	0	0	0	0	0
1/28/2024 14:17	58302 NOTT_T1	0	0	0	0	0	0	-1.2	-1.17	0	0	0	0	0	0
1/28/2024 14:17	44905 SCOT_T1	0	1	1	0	0.1	0.1	0	0	0	0	0	0	0	0
1/28/2024 14:17	58402 MORO_T1	0	0	0	0	0	0	-0.56	-0.56	0	0	0	0	0	0
1/28/2024 14:17	55002 NEWP_T1	2	6	4	0.25	0.4	0.15	-0.21	-0.2	0	0	0	0	0	0
1/28/2024 14:18	55002 NEWP_T1	2	6	4	0.25	0.4	0.15	-0.42	-0.4	0	0	0	0	0	0
1/28/2024 14:19	55002 NEWP_T1	2	6	4	0.25	0.4	0.15	-0.42	-0.4	0	0	0	0	0	0
1/28/2024 14:22	43001 ALWD_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1/28/2024 14:22	59101 WALK_T2	0	0	0	0	0	0	6.19	6.35	0	0	0	0	0	0
1/28/2024 14:23	59101 WALK_T2	0	0	0	0	0	0	1.55	1.59	0	0	0	0	0	0
1/28/2024 14:24	59101 WALK_T2	0	0	0	0	0	0	1.59	1.5	0	0	0	0	0	0
1/28/2024 14:24	40502 CRES_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1/28/2024 14:27	53903 HALI_T2	2	2	0	1.1	0.9	-0.2	0	0	0	0	0	0	0	0
1/28/2024 14:27	10805 CHHI_T2	1	10	9	7.6	1.96	-5.64	0	0	0	0	0	0	0	0
1/28/2024 14:28	53903 HALI_T2	2	2	0	1.1	0.9	-0.2	-0.23	-0.23	0	0	0	0	0	0
1/28/2024 14:28	53903 HALI_T2	2	2	0	1.1	0.9	-0.2	-0.23	-0.23	0	0	0	0	0	0
1/28/2024 14:28	10805 CHHI_T2	1	10	9	7.6	1.96	-5.64	0	0	0	0	0	0	0	0
1/28/2024 14:28	65001 NEFF_T2	4	5	1	0.13	0.12	-0.01	-1.24	-1.24	0	0	0	0	0	0
1/28/2024 14:29	53901 HALI_T2	97	124	27	0.34	0.48	0.14	-4.32	-4.32	0	0	0	0	0	0
1/28/2024 14:29	53901 HALI_T2	97	124	27	0.34	0.48	0.14	-4.32	-4.32	0	0	0	0	0	0
1/28/2024 14:30	53903 HALI_T2	2	2	0	0.9	1.1	0.2	0	0	0	0	0	0	0	0
1/28/2024 14:30	44901 SCOT_T2	0	0	0	0	0	0	-0.6	-0.54	0	0	0	0	0	0
1/28/2024 14:30	63401 HONY_T1	0	0	0	0	0	0	-0.1	-0.09	0	0	0	0	0	0
1/28/2024 14:31	16101 BING_T2	70	76	6	0.46	0.51	0.05	-0.32	-0.33	0	0	0	0	0	0
1/28/2024 14:32	40603 PIGR_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1/28/2024 14:32	55002 NEWP_T1	5	5	0	0.28	0.54	0.26	-0.2	-0.21	0	0	0	0	0	0
1/28/2024 14:32	65001 NEFF_T2	1	5	4	0.1	0.12	0.02	-1.24	-1.24	0	0	0	0	0	0
1/28/2024 14:33	57303 MOAL_T2	1	1	0	8	7.6	-0.4	0	0	0	0	0	0	0	0
1/28/2024 14:33	53901 HALI_T2	67	134	67	0.21	0.6	0.39	-1.44	-1.44	0	0	0	0	0	0
1/28/2024 14:33	58402 MORO_T1	0	0	0	0	0	0	-0.56	-0.56	0	0	0	0	0	0
1/28/2024 14:33	44903 SCOT_T2	0	0	0	0	0	0	-0.6	-0.54	0	0	0	0	0	0
1/28/2024 14:33	44904 SCOT_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1/28/2024 14:33	53903 HALI_T2	2	2	0	0.9	1.1	0.2	-0.23	-0.23	0	0	0	0	0	0
1/28/2024 14:33	58302 NOTT_T1	0	0	0	0	0	0	-1.17	-1.12	0	0	0	0	0	0
1/28/2024 14:34	54206 PENN_T2	0	0	0	0	0	0	-0.33	-0.35	0	0	0	0	0	0
1/28/2024 14:34	53903 HALI_T2	2	2	0	0.9	1.1	0.2	-0.23	-0.23	0	0	0	0	0	0
1/28/2024 14:34	55002 NEWP_T1	5	5	0	0.28	0.54	0.26	-0.6	-0.63	0	0	0	0	0	0
1/28/2024 14:34	49803 UNIV_T1	0	0	0	0	0	0	-0.98	-0.95	0	0	0	0	0	0
1/28/2024 14:35	57304 MOAL_T2	0	0	0	0	0	0	-0.32	-0.22	0	0	0	0	0	0
1/28/2024 14:35	55002 NEWP_T1	5	5	0	0.28	0.54	0.26	-0.2	-0.21	0	0	0	0	0	0
1/28/2024 14:36	53903 HALI_T2	2	2	0	0.9	1.1	0.2	0	0	0	0	0	0	0	0
1/28/2024 14:36	67402 WAKE_T2	0	0	0	0	0	0	-0.81	-0.86	0	0	0	0	0	0
1/28/2024 14:37	58001 WCAR_T1	2	4	2	0.15	0.53	0.38	0	0	0	0	0	0	0	0
1/28/2024 14:37	46204 DANV_T2	0	1	1	0	0	0	0	0	0	0	0	0	0	0
1/28/2024 14:38	45902 AUBU_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1/28/2024 14:38	46204 DANV_T2	0	1	1	0	0	0	0	0	0	0	0	0	0	0
1/28/2024 14:39	40502 CRES_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1/28/2024 14:40	46204 DANV_T2	0	1	1	0	0	0	0	0	0	0	0	0	0	0
1/28/2024 14:40	43001 ALWD_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1/28/2024 14:40	10805 CHHI_T2	10	7	-3	1.84	1.53	-0.31	0	0	0	0	0	0	0	0
1/28/2024 14:40	40502 CRES_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1/28/2024 14:40	58001 WCAR_T1	2	4	2	0.15	0.53	0.38	0	0	0	0	0	0	0	0
1/28/2024 14:41	40502 CRES_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1/28/2024 14:41	67402 WAKE_T2	0	0	0	0	0	0	-0.43	-0.41	0	0	0	0	0	0
1/28/2024 14:41	45501 DERR_T2	1	1	0	0	0	0	-0.8	-0.79	0	0	0	0	0	0
1/28/2024 14:42	40502 CRES_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1/28/2024 14:42	65001 NEFF_T2	1	5	4	0.1	0.12	0.02	-1.24	-1.25	0	0	0	0	0	0
1/28/2024 14:43	40502 CRES_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1/28/2024 14:43	10805 CHHI_T2	10	7	-3	1.84	1.53	-0.31	0	0	0	0	0	0	0	0
1/28/2024 14:43	45501 DERR_T2	1	1	0	0	0	0	-2.39	-2.38	0	0	0	0	0	0
1/28/2024 14:44	42902 MIDD_T2	60	76	16	0.36	0.45	0.09	-0.53	-0.55	0	0	0	0	0	0
1/28/2024 14:45	40502 CRES_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1/28/2024 14:46	64203 KINZ_T1	0	0	0	0	0	0	-0.54	-0.54	0	0	0	0	0	0
1/28/2024 14:46	63404 HONY_T1	2	2	0	6.4	7.1	0.7	0	0	0	0	0	0	0	0
1/28/2024 14:48	40603 PIGR_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1/28/2024 14:48	55002 NEWP_T1	6	6	0	0.48	0.47	-0.01	-0.21	-0.2	0	0	0	0	0	0
1/28/2024 14:48	52501 PROG_T1	0	0	0	0	0	0	0.42	0.33	0	0	0	0	0	0
1/28/2024 14:49	58402 MORO_T1	0	0	0	0	0	0	-0.56	-0.56	0	0	0	0	0	0
1/28/2024 14:49	43101 SMIL_T2	0	1	1	0	0	0	0	0	0	0	0	0	0	0
1/28/2024 14:49	44904 SCOT_T1	0	0	0	0	0	0	0	0.08	0	0	0	0	0	0
1/28/2024 14:49	55002 NEWP_T1	4	6	2	0.48	0.47	-0.01	-0.21	-0.2	0	0	0	0	0	0
1/28/2024 14:50	55002 NEWP_T1	4	6	2	0.48	0.47	-0.01	-0.42	-0.4	0	0	0	0	0	0
1/28/2024 14:51	59101 WALK_T2	0	1	1	0	0	0	1.5	1.43	0	0	0	0	0	0
1/28/2024 14:51	55002 NEWP_T1	4	6	2	0.48	0.47	-0.01	-0.21	-0.2	0	0	0	0	0	0
1/28/2024 14:51	57401 SPAN_T1	0	0	0	0	0	0	-1.69	-1.58	0	0	0	0	0	0
1/28/2024 14:51	67402 WAKE_T2	0	0	0	0	0	0	-0.43	-0.41	0	0	0	0	0	0
1/28/2024 14:52	43103 SMIL_T2	0	0	0	0	0	0	-0.79	-0.81	0	0	0	0	0	0
1/28/2024 14:53	45902 AUBU_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1/28/2024 14:53	60101 COCA_T1	0	0	0	0	0	0	0.35	0.32	0	0	0	0	0	0
1/28/2024 14:53	43101 SMIL_T2	0	1	1	0	0	0	0	0	0	0	0	0	0	0
1/28/2024 14:53	59101 WALK_T2	0	1	1	0	0	0	1.5	1.43	0	0	0	0	0	0
1/28/2024 14:53	14403 SSLA_T1	0	0	0	0	0	0	1.64	1.56	0	0	0	0	0	0
1/28/2024 14:53	57401 SPAN_T1	0	0	0	0	0	0	-0.85	-0.79	0	0	0	0	0	0
1/28/2024 14:54	57401 SPAN_T1	0	0	0	0	0	0	-0.79	-0.81	0	0	0	0	0	0
1/28/2024 14:54	65001 NEFF_T2	5	3	-2	0.12	0.1	-0.02	-1.25	-1.26	0	0	0	0	0	0
1/28/2024 14:54	59101 WALK_T2	0	1	1	0	0	0	4.28	4.47	0	0	0	0	0	0
1/28/2024 14:55	54504 ENOL_T2	0	0	0	0	0	0	-0.94	-0.94	0	0	0	0	0	0
1/28/2024 14:55	59101 WALK_T2	0	1	1	0	0	0	1.43	1.49	0	0	0	0	0	0
1/28/2024 14:56	51102 CARL_T1	7	29	22	0.13	0.14	0.01	0	0	0	0	0	0	0	0
1/28/2024 14:57	67402 WAKE_T2	0	0	0	0	0	0	-0.41	-0.38	0	0	0	0	0	0
1/28/2024 14:58	51108 CARL_T1	1	1	0	0.2	0.4	0.2	0	0	0	0	0	0	0	0
1/28/2024 14:58	28704 HAML_T2	0	0	0	0	0	0	0.22	0.17	0	0	0	0	0	0
1/28/2024 14:58	53903 HALI_T2	2	2	0	0.8	1.2	0.4	-0.23	-0.24	0	0	0	0	0	0
1/28/2024 15:00	53901 HALI_T2	133	156	23	0.59	0.81	0.22	0	0	0	0	0	0	0	0
1/28/2024 15:01	12701 MACU_T1	0	0	0	0	0	0	-1.04	-1.08	0	0	0	0	0	0
1/28/2024 15:02	57303 MOAL_T2	1	1	0	7.6	7.7	0.1	0	0	0	0	0	0	0	0
1/28/2024 15:03	12701 MACU_T1	0	0	0	0	0	0	-1.04	-1.08	0	0	0	0	0	0
1/28/2024 15:04	59302 MCAL_T1	1	1	0	0.4	0.3	-0.1	0	0	0	0	0	0	0	0
1/28/2024 15:05	12701 MACU_T1	0	0	0	0	0	0	-1.04	-1.08	0	0	0	0	0	0
1/28/2024 15:05	57304 MOAL_T2	0	0	0	0	0	0	0.02	-0.35	0	0	0	0	0	0
1/28/2024 15:06	12701 MACU_T1	0	0	0	0	0	0	-1.04	-1.08	0	0	0	0	0	0
1/28/2024 15:06	55002 NEWP_T1	5	6	1	0.42	0.62	0.2	-0.2	-0.19	0	0	0	0	0	0
1/28/2024 15:07	67402 WAKE_T2	0	0	0	0	0	0	-0.41	-0.38	0	0	0	0	0	0
1/28/2024 15:08	16101 BING_T2	74	103	29	0.47	0.76	0.29	-0.39	-0.35	0	0	0	0	0	0
1/28/2024 15:08	43101 SMIL_T2	1	0	-1	1.4	0	-1.4	0	0	0	0	0	0	0	0
1/28/2024 15:09	14403 SSLA_T1	0	0	0	0	0	0	2.28	2.43	0	0	0	0	0	0
1/28/2024 15:11	61801 EEU_T2	0	0	0	0	0	0	-1.94	-1.84	0	0	0	0	0	0
1/28/2024 15:12	67402 WAKE_T2	0	0	0	0	0	0	-0.38	-0.4	0	0	0	0	0	0
1/28/2024 15:14	53901 HALI_T2	133	156	23	0.59	0.81	0.22	-1.43	-1.45	0	0	0	0	0	0
1/28/2024 15:15	53901 HALI_T2	142	157	15	0.67	0.81	0.14	-2.86	-2.9	0	0	0	0	0	0
1/28/2024 15:16	55002 NEWP_T1	6	6	0	0.47	0.63	0.16	-0.19	-0.2	0	0

1/28/2024 16:04	64101 REFR_T1	0	0	0	0	0	0	-0.03	-0.05	0	0	0	0	0	0
1/28/2024 16:05	64101 REFR_T1	0	0	0	0	0	0	-0.03	-0.05	0	0	0	0	0	0
1/28/2024 16:06	14403 SSLA_T1	0	0	0	0	0	0	0.78	0.8	0	0	0	0	0	0
1/28/2024 16:06	64101 REFR_T1	0	0	0	0	0	0	-0.03	-0.05	0	0	0	0	0	0
1/28/2024 16:08	64101 REFR_T1	0	0	0	0	0	0	-0.02	-0.03	0	0	0	0	0	0
1/28/2024 16:11	56501 ROCK_T2	1	2	1	1	0.7	-0.3	-1.48	-1.52	0	0	0	0	0	0
1/28/2024 16:14	26401 INOR_T1	0	1	1	0	0	0	0.5	0.5	0	0	0	0	0	0
1/28/2024 16:20	55002 NEWP_T1	4	5	1	0.48	0.52	0.04	-0.21	-0.18	0	0	0	0	0	0
1/28/2024 16:22	56501 ROCK_T2	1	2	1	0.9	0.7	-0.2	-1.48	-1.52	0	0	0	0	0	0
1/28/2024 16:23	53901 HALI_T2	99	15	-84	0.3	0.18	-0.12	0	0	0	0	0	0	0	0
1/28/2024 16:35	55002 NEWP_T1	5	4	-1	0.52	0.53	0.01	-0.18	-0.18	0	0	0	0	0	0
1/28/2024 16:38	45501 DERR_T2	1	3	2	0	0	0	-0.69	-0.66	0	0	0	0	0	0
1/28/2024 16:41	11104 EGYP_T1	0	1	1	0	0.4	0.4	0.4	0.39	0	0	0	0	0	0
1/28/2024 16:42	11104 EGYP_T1	0	1	1	0	0.4	0.4	0.4	0.39	0	0	0	0	0	0
1/28/2024 16:43	45501 DERR_T2	1	3	2	0	0	0	-0.69	-0.66	0	0	0	0	0	0
1/28/2024 16:43	65001 NEFF_T2	0	0	0	0	0	0	-1.24	-1.24	0	0	0	0	0	0
1/28/2024 16:48	64101 REFR_T1	0	0	0	0	0	0	-0.09	-0.05	0	0	0	0	0	0
1/28/2024 16:50	64101 REFR_T1	0	0	0	0	0	0	-0.05	-0.03	0	0	0	0	0	0
1/28/2024 16:51	55002 NEWP_T1	4	3	-1	0.53	0.33	-0.2	-0.18	-0.18	0	0	0	0	0	0
1/28/2024 16:51	64101 REFR_T1	0	0	0	0	0	0	-0.05	-0.03	0	0	0	0	0	0
1/28/2024 16:52	64101 REFR_T1	0	0	0	0	0	0	-0.09	-0.05	0	0	0	0	0	0
1/28/2024 17:27	42701 AUGU_T1	9	7	-2	1.12	0.47	-0.65	0	0	0	0	0	0	0	0
1/28/2024 18:02	65001 NEFF_T2	0	0	0	0	0	0	-1.26	-1.17	0	0	0	0	0	0
1/28/2024 18:28	27101 GFLD_T2	0	0	0	0	0	0	0.38	0.39	0	0	0	0	0	0
1/28/2024 18:28	40101 HUNT_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1/28/2024 18:36	26401 INOR_T1	0	0	0	0	0	0	0.53	0.52	0	0	0	0	0	0
1/28/2024 18:50	51107 CARL_T1	0	0	0	0	0	0	-0.42	-0.37	0	0	0	0	0	0
1/28/2024 18:51	12701 MACU_T1	0	0	0	0	0	0	-1.02	-1.05	0	0	0	0	0	0
1/28/2024 18:54	56801 BENV_T1	17	18	1	0.58	0.88	0.3	-0.59	-0.58	0	0	0	0	0	0
1/28/2024 18:54	56802 BENV_T2	0	0	0	0	0	0	-1.23	-1.29	0	0	0	0	0	0
1/28/2024 18:54	28704 HAML_T2	0	0	0	0	0	0	0.2	0.17	0	0	0	0	0	0
1/28/2024 18:55	59101 WALK_T2	1	1	0	0.4	0	-0.4	1.22	1.17	0	0	0	0	0	0
1/28/2024 18:56	51107 CARL_T1	0	0	0	0	0	0	-0.37	-0.32	0	0	0	0	0	0
1/28/2024 18:57	51107 CARL_T1	0	0	0	0	0	0	-0.37	-0.32	0	0	0	0	0	0
1/28/2024 18:57	40602 PIGR_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1/28/2024 18:58	64101 REFR_T1	0	0	0	0	0	0	-0.04	-0.02	0	0	0	0	0	0
1/28/2024 18:59	16402 MOPO_T1	8	14	6	0.29	0.1	-0.19	-0.05	-0.08	0	0	0	0	0	0
1/28/2024 18:59	12701 MACU_T1	0	0	0	0	0	0	-1.05	-1.01	0	0	0	0	0	0
1/28/2024 18:59	27502 WEIS_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1/28/2024 18:59	16101 BING_T2	119	133	14	0.78	0.94	0.16	-0.33	-0.34	0	0	0	0	0	0
1/28/2024 19:00	55002 NEWP_T1	2	3	1	0.15	0.27	0.12	-0.21	-0.21	0	0	0	0	0	0
1/28/2024 19:00	57401 SPAN_T1	0	0	0	0	0	0	-1.32	-1.36	0	0	0	0	0	0
1/28/2024 19:00	56802 BENV_T2	0	0	0	0	0	0	-1.23	-1.29	0	0	0	0	0	0
1/28/2024 19:01	29402 BELT_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1/28/2024 19:01	55001 NEWP_T1	0	1	1	0	0.5	0.5	0	0	0	0	0	0	0	0
1/28/2024 19:01	56501 ROCK_T2	4	6	2	0.2	0.2	0	-2.03	-2.05	0	0	0	0	0	0
1/28/2024 19:02	44301 BEAV_T2	1	5	4	0.1	0.2	0.1	-0.25	-0.24	0	0	0	0	0	0
1/28/2024 19:03	51107 CARL_T1	0	0	0	0	0	0	-0.37	-0.32	0	0	0	0	0	0
1/28/2024 19:03	56501 ROCK_T2	4	6	2	0.2	0.2	0	-2.03	-2.05	0	0	0	0	0	0
1/28/2024 19:03	17805 GILB_T2	0	0	0	0	0	0	0.17	0.17	0	0	0	0	0	0
1/28/2024 19:04	64101 REFR_T1	0	0	0	0	0	0	-0.04	-0.02	0	0	0	0	0	0
1/28/2024 19:04	29402 BELT_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1/28/2024 19:04	17802 GILB_T1	0	0	0	0	0	0	0.09	0.07	0	0	0	0	0	0
1/28/2024 19:05	54001 SDLE_T1	1	2	1	0.7	0.45	-0.25	0	0	0	0	0	0	0	0
1/28/2024 19:05	61306 EARL_T1	0	9	9	0	0.17	0.17	0	0	0	0	0	0	0	0
1/28/2024 19:05	56803 BENV_T1	0	1	1	0	0	0	0	0	0	0	0	0	0	0
1/28/2024 19:06	11104 EGYP_T1	3	1	-2	0.1	0	-0.1	0.4	0.38	0	0	0	0	0	0
1/28/2024 19:06	56802 BENV_T2	0	0	0	0	0	0	-1.23	-1.29	0	0	0	0	0	0
1/28/2024 19:06	24702 FLND_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1/28/2024 19:06	46203 DANV_T2	0	0	0	0	0	0	-0.8	-0.8	0	0	0	0	0	0
1/28/2024 19:06	65901 SAKR_T2	1	1	0	8.1	8.2	0.1	-1.34	-1.33	0	0	0	0	0	0
1/28/2024 19:06	51107 CARL_T1	0	0	0	0	0	0	-0.37	-0.32	0	0	0	0	0	0
1/28/2024 19:06	29402 BELT_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1/28/2024 19:06	58302 NOTT_T1	0	0	0	0	0	0	0.15	0.16	0	0	0	0	0	0
1/28/2024 19:06	58402 MORO_T1	0	0	0	0	0	0	-0.34	-0.45	0	0	0	0	0	0
1/28/2024 19:06	17802 GILB_T1	0	0	0	0	0	0	0.09	0.07	0	0	0	0	0	0
1/28/2024 19:06	56501 ROCK_T2	4	6	2	0.2	0.2	0	-2.03	-2.05	0	0	0	0	0	0
1/28/2024 19:06	40502 CRES_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1/28/2024 19:07	53903 HALI_T2	2	2	0	0.7	1	0.3	-0.24	-0.19	0	0	0	0	0	0
1/28/2024 19:07	56803 BENV_T1	0	1	1	0	0	0	0	0	0	0	0	0	0	0
1/28/2024 19:07	54001 SDLE_T1	1	2	1	0.7	0.45	-0.25	0	0	0	0	0	0	0	0
1/28/2024 19:07	40502 CRES_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1/28/2024 19:07	16402 MOPO_T1	7	9	2	0.49	0.2	-0.29	-0.05	-0.08	0	0	0	0	0	0
1/28/2024 19:07	17805 GILB_T2	0	0	0	0	0	0	0.17	0.17	0	0	0	0	0	0
1/28/2024 19:07	55001 NEWP_T1	0	1	1	0	0.5	0.5	0	0	0	0	0	0	0	0
1/28/2024 19:07	60801 BUCK_T1	0	0	0	0	0	0	-0.8	-0.8	0	0	0	0	0	0
1/28/2024 19:08	51401 LYKE_T1	0	0	0	0	0	0	0.25	0.27	0	0	0	0	0	0
1/28/2024 19:08	10805 CHHI_T2	13	13	0	3.45	2.23	-1.22	0	0	0	0	0	0	0	0
1/28/2024 19:08	64202 KINZ_T1	0	2	2	0	0.25	0.25	0	0	0	0	0	0	0	0
1/28/2024 19:08	40502 CRES_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1/28/2024 19:08	53901 HALI_T2	0	18	18	0	0.13	0.13	-3.03	-3.01	0	0	0	0	0	0
1/28/2024 19:08	56801 BENV_T1	18	16	-2	0.83	0.68	-0.15	-1.77	-1.74	0	0	0	0	0	0
1/28/2024 19:09	56803 BENV_T1	0	1	1	0	0	0	0	0	0	0	0	0	0	0
1/28/2024 19:09	57304 MOAL_T2	0	0	0	0	0	0	-0.28	-0.2	0	0	0	0	0	0
1/28/2024 19:09	27502 WEIS_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1/28/2024 19:09	56802 BENV_T2	0	0	0	0	0	0	-1.29	-1.27	0	0	0	0	0	0
1/28/2024 19:09	57401 SPAN_T1	0	0	0	0	0	0	-1.36	-1.38	0	0	0	0	0	0
1/28/2024 19:09	10805 CHHI_T2	13	13	0	3.45	2.23	-1.22	0	0	0	0	0	0	0	0
1/28/2024 19:09	54001 SDLE_T1	1	2	1	0.7	0.45	-0.25	0	0	0	0	0	0	0	0
1/28/2024 19:10	53901 HALI_T2	0	18	18	0	0.13	0.13	-1.5	-1.52	0	0	0	0	0	0
1/28/2024 19:10	52501 PROG_T1	0	0	0	0	0	0	-0.07	-0.08	0	0	0	0	0	0
1/28/2024 19:10	65901 SAKR_T2	1	1	0	8.1	8.2	0.1	-1.33	-1.34	0	0	0	0	0	0
1/28/2024 19:10	59301 MCAL_T1	1	0	-1	0.1	0	-0.1	-1.77	-1.8	0	0	0	0	0	0
1/28/2024 19:10	65001 NEFF_T2	0	0	0	0	0	0	-1.27	-1.3	0	0	0	0	0	0
1/28/2024 19:10	14403 SSLA_T1	6	2	-4	0.53	0	-0.53	0.81	0.82	0	0	0	0	0	0
1/28/2024 19:10	11104 EGYP_T1	3	1	-2	0.1	0	-0.1	0.38	0.4	0	0	0	0	0	0
1/28/2024 19:10	17802 GILB_T1	0	0	0	0	0	0	0.07	0.09	0	0	0	0	0	0
1/28/2024 19:11	56801 BENV_T1	18	16	-2	0.83	0.68	-0.15	-0.58	-0.57	0	0	0	0	0	0
1/28/2024 19:11	10805 CHHI_T2	13	13	0	3.45	2.23	-1.22	0	0	0	0	0	0	0	0
1/28/2024 19:11	45501 DERR_T2	3	1	-2	0.65	0	-0.65	-1.32	-1.32	0	0	0	0	0	0
1/28/2024 19:11	53903 HALI_T2	2	2	0	0.7	1	0.3	0	0	0	0	0	0	0	0
1/28/2024 19:11	42903 MIDD_T2	2	2	0	1.4	1.55	0.15	0	0	0	0	0	0	0	0
1/28/2024 19:11	45902 AUBU_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1/28/2024 19:11	40603 PIGR_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1/28/2024 19:11	49803 UNIV_T1	0	0	0	0	0	0	-0.99	-1.04	0	0	0	0	0	0
1/28/2024 19:11	60101 COCA_T1	0	0	0	0	0	0	0.34	0.34	0	0	0	0	0	0
1/28/2024 19:11	56802 BENV_T2	0	0	0	0	0	0	-1.29	-1.27	0	0	0	0	0	0
1/28/2024 19:12	12701 MACU_T1	0	0	0	0	0	0	-2.02	-2.08	0	0	0	0	0	0
1/28/2024 19:12	55002 NEWP_T1	2	3	1	0.15	0.27	0.12	-0.21	-0.22	0	0	0	0	0	0
1/28/2024 19:12	66505 SMAN_T2	3	3	0	0.83	0.6	-0.23	0	0	0	0	0	0	0	0
1/28/2024 19:12	59101 WALK_T2	1	0	-1	0.2	0	-0.2	1.17	1.29	0	0	0	0	0	0
1/28/2024 19:12	52102 MEIS_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1/28/2024 19:12	45902 AUBU_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1/28/2024 19:12	44302 BEAV_T2	11	40	29	0.14	0.2	0.06	0	0	0	0	0	0	0	0
1/28/2024 19:12	65001 NEFF_T2	0	0	0	0	0	0	-1.27	-1.3	0	0	0	0	0	0
1/28/2024 19:12	56801 BENV_T1	18	16	-2	0.83	0.68	-0.15	-1.16	-1.14	0	0	0	0	0	0
1/28/2024 19:12	53901 HALI_T2	0	18	18	0	0.13	0.13	-6.02	-6.06	0	0	0	0	0	0
1/28/2024 19:12	40502 CRES_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1/28/2024 19:13	66504 SMAN_T2	0	0	0	0	0	0	-2.6	-2.61	0	0	0	0	0	0
1/28/2024 19:13	44901 SCOT_T2	0	0	0	0	0	0	-0.48	-0.53	0	0	0	0	0	0
1/28/2024 19:13	45901 AUBU_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1/28/2024 19:13	55001 NEWP_T1	0	1	1	0	0.5	0.5	0	0	0	0	0	0	0	0
1/28/2024 19:13	40502 CRES_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1/28/2024 19:13	56803 BENV_T1	0	1	1	0	0	0	0	0	0	0	0	0	0	0
1/28/2024 19:13	59101 WALK_T2	1	0	-1	0.2	0	-0.2	1.17	1.29	0	0	0	0	0	0
1/28/2024 19:13	67402 WAKE_T2	0	0	0	0	0	0	-0.4	-0.43	0	0	0	0	0	0
1/28/2024 19:13	45501 DERR_T2	3	1	-2	0.65	0	-0.65	-0.66	-0.66	0	0	0	0	0	0
1/28/2024 19:14	45902 AUBU_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1/28/2024 19:14	45901 AUBU_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1/28/2024 19:14	67602 WARW_T2	1	1	0	0	0	0	-0.15	-0.1	0	0	0	0	0	0
1/28/2024 19:14	56803 BENV_T1	0	1	1	0	0	0	0	0	0	0	0	0	0	0
1/28/2024 19:14	46206 DANV_T2	0	0	0	0	0	0	2.5	2.45	0	0	0	0	0	0
1/28/2024 19:14	46206 DANV_T2	0	0	0	0	0	0	2.5	2.45	0	0	0	0	0	0
1/28/2024 19:14	58402 MORO_T1	0	0	0	0	0	0	-0.45	-0.54	0	0	0	0	0	0
1/28/2024 19:14	42701 AUGU_T1	2	4	2	0.45	0.48	0.03	0	0	0	0	0	0	0	0
1/28/2024 19:14	63404 HONY_T1	2	2	0	6.85	7.15	0.3	0	0	0	0	0	0	0	0
1/28/2024 19:14	17802 GILB_T1	0	0	0	0	0	0	0.07	0.09	0	0	0	0	0	0
1/28/2024 19:14	40502 CRES_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1/28/2024 19:15	64101 REFR_T1	0	0	0	0	0	0	-0.02	-0.03	0	0	0	0	0	0
1/28/2024 19:16	40502 CRES_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1/28/2024 19:16	44901 SCOT_T2	0	0	0	0	0	0	-0.48	-0.53	0	0	0	0	0	0
1/28/2024 19:16	53903 HALI_T2	2	2	0	0.8	1	0.2	0	0	0	0	0	0	0	0
1/28/2024 19:16	43001 ALWD_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1/28/2024 19:16	45902 AUBU_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1/28/2024 19:16	45501 DERR_T2	1	1	0	0	0	0	-0.66	-0.66	0	0	0	0	0	0
1/28/2024 19:16	46206 DANV_T2	0	0	0	0	0	0	2.5	2.45	0	0	0	0	0	0
1/28/2024 19:17	53903 HALI_T2	2	2	0	0.8	1	0.2	-0.19	-0.23	0	0	0	0	0	0
1/28/2024 19:17	44905 SCOT_T1	3	1	-2	0.27	0	-0.27	0	0	0	0	0	0	0	0
1/28/2024 19:17	43104 SMIL_T2	0	0	0	0	0	0	-0.67	-0.65	0	0	0	0	0	0
1/28/2024 19:17	40602 PIGR_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1/28/2024 19:18	54001 SDLE_T1	2	1	-1	0.4	0.9	0.5	0	0	0	0	0	0	0	0
1/28/2024 19:18	40502 CRES_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1/28/2024 19:18	43001 ALWD_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1/28/2024 19:18	56803 BENV_T1	0	1	1	0	1.9	1.9	0	0	0	0	0	0	0	0
1/28/2024 19:18	52102 MEIS_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1/28/2024 19:18	46203 DANV_T2	0	4	4	0	0.15	0.15	-0.8	-0.84	0	0	0	0	0	0
1/28/2024 19:19	44302 BEAV_T2	12	54	42	0.15	0.3	0.15	0	0	0	0	0	0	0	0
1/28/2024 19:19	64101 REFR_T1	0	0	0	0	0	0	-0.02	-0.03	0	0	0	0	0	0
1/28/2024 19:19	57303 MOAL_T2	1	1	0	8.4	8.1	-0.3	0	0	0	0	0	0	0	0
1/28/2024 19:19	59101 WALK_T2	0	0	0	0	0	0	2.35	2.58	0	0	0	0	0	0
1/28/2024 19:20	59101 WALK_T2	0	0	0	0	0	0	1.17	1.29	0	0	0	0	0	0
1/28/2024 19:20	60501 NMAN_T2	3	3	0	4.33	3.87	-0.46	0	0	0	0	0	0	0	0
1/28/2024 19:20	49803 UNIV_T1	0	0	0	0	0	0	-0.99	-1.04	0	0	0	0	0	0
1/28/2024 19:20	65001 NEFF_T2	0	0	0	0	0	0	-1.27	-1.3	0	0	0	0	0	0
1/28/2024 19:20	64101 REFR_T1	0	0	0	0	0	0	-0.02	-0.03	0	0	0	0	0	0
1/28/2024 19:20	14401 SSLA_T1	1	0	-1	2.5	0	-2.5	0	0	0	0	0	0	0	0
1/28/2024 19:20	46001 BERW_T1	0	0	0	0	0	0	0.66	0.69	0	0	0	0	0	0
1/28/2024 19:20	66703 STRA_T1	0	1	1	0	0	0	-0.35	-0.35	0	0	0	0	0	0
1/28/2024 19:20	61801 EEU_T2	0	0	0	0	0	0	-1.9	-1.94	0	0	0	0	0	0
1/28/2024 19:20	45501 DERR_T2	1	1	0	0	0	0	-0.66	-0.66	0	0	0	0	0	0
1/28/2024 19:21	43104 SMIL_T2	0	0	0	0	0	0	-1.34	-1.3	0	0	0	0	0	0
1/28/2024 19:21	14403 SSLA_T1	1	1	0	0.2	0.4	0.2	0.81	0.82	0	0	0	0	0	0
1/28/2024 19:21	45501 DERR_T2	1	1	0	0	0	0	-0.66	-0.66	0	0	0	0	0	0
1/28/2024 19:21	13704 SCHN_T2	0	0	0	0	0	0	-0.81	-0.81	0	0	0	0	0	0
1/28/2024 19:21	46204 DANV_T2	2	1	-1	0.7	0	-0.7	0	0	0	0	0	0	0	0
1/28/2024 19:21	40502 CRES_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1/28/2024 19:21	42903 MIDD_T2	2	2	0	1.45	1.85	0.4	0	0	0	0	0	0	0	0
1/28/2024 19:21	46203 DANV_T2	0	4	4	0	0.15	0.15	-0.8	-0.84	0	0	0	0	0	0
1/28/2024 19:21	41902 REED_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1/28/2024 19:21	67602 WARW_T2	1	1	0	0	0	0	-0.15	-0.1	0	0	0	0	0	0
1/28/2024 19:22	46204 DANV_T2	2	1	-1	0.7	0	-0.7	0	0

1/28/2024 21:58	65001 NEFF_T2	31	58	27	0.12	0.14	0.02	-1.3	-1.28	0	0	0	0	0	0
1/28/2024 23:04	65001 NEFF_T2	171	217	46	0.16	0.24	0.08	-1.37	-1.38	0	0	0	0	0	0
1/28/2024 23:48	65001 NEFF_T2	205	225	20	0.19	0.31	0.12	-1.34	-1.39	0	0	0	0	0	0
1/29/2024 0:25	65001 NEFF_T2	225	232	7	0.31	0.35	0.04	-1.37	-1.39	0	0	0	0	0	0
1/29/2024 0:51	65001 NEFF_T2	228	236	8	0.33	0.42	0.09	-1.39	-1.34	0	0	0	0	0	0
1/29/2024 2:14	56501 ROCK_T2	1	6	5	0.2	0.2	0	-1.59	-1.62	0	0	0	0	0	0
1/29/2024 2:22	65001 NEFF_T2	235	234	-1	0.43	0.39	-0.04	-1.31	-1.37	0	0	0	0	0	0
1/29/2024 2:37	65001 NEFF_T2	233	231	-2	0.39	0.34	-0.05	-1.37	-1.38	0	0	0	0	0	0
1/29/2024 4:36	65001 NEFF_T2	4	0	-4	0.1	0	-0.1	-1.26	-1.28	0	0	0	0	0	0
1/29/2024 6:05	65001 NEFF_T2	0	0	0	0	0	0	-1.11	-0.93	0	0	0	0	0	0
1/29/2024 7:53	46203 DANV_T2	0	13	13	0	0.18	0.18	0	0	0	0	0	0	0	0
1/29/2024 7:54	46206 DANV_T2	5	4	-1	0.54	0.8	0.26	2.81	2.74	0	0	0	0	0	0
1/29/2024 7:57	45501 DERR_T2	3	6	3	0.35	0.2	-0.15	0.74	0.83	0	0	0	0	0	0
1/29/2024 7:59	53903 HALI_T2	2	2	0	0.5	1.4	0.9	0	0	0	0	0	0	0	0
1/29/2024 8:07	29402 BELT_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1/29/2024 8:07	29402 BELT_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1/29/2024 8:09	46203 DANV_T2	0	13	13	0	0.19	0.19	-1.72	-0.88	0	0	0	0	0	0
1/29/2024 8:10	46206 DANV_T2	4	2	-2	1.5	0.3	-1.2	2.74	2.77	0	0	0	0	0	0
1/29/2024 8:10	46204 DANV_T2	3	1	-2	0.67	0	-0.67	0	0	0	0	0	0	0	0
1/29/2024 8:12	46204 DANV_T2	3	1	-2	0.67	0	-0.67	0	0	0	0	0	0	0	0
1/29/2024 8:13	45502 DERR_T2	0	1	1	0	0	0	0	0	0	0	0	0	0	0
1/29/2024 8:23	56802 BENV_T2	1	20	19	0.7	0.18	-0.52	-1.38	-1.44	0	0	0	0	0	0
1/29/2024 8:24	49803 UNIV_T1	0	0	0	0	0	0	-0.9	-0.88	0	0	0	0	0	0
1/29/2024 8:24	45901 AUBU_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1/29/2024 8:24	56802 BENV_T2	1	20	19	0.7	0.18	-0.52	-1.44	-1.36	0	0	0	0	0	0
1/29/2024 8:36	55002 NEWP_T1	6	6	0	0.62	0.67	0.05	-0.21	-0.19	0	0	0	0	0	0
1/29/2024 8:38	40101 HUNT_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1/29/2024 8:51	52102 MEIS_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1/29/2024 9:00	41902 REED_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1/29/2024 9:00	23401 HONE_T2	0	0	0	0	0	0	-0.13	-0.05	0	0	0	0	0	0
1/29/2024 9:00	53503 EVIL_T2	1	1	0	2.2	0.5	-1.7	0	0	0	0	0	0	0	0
1/29/2024 9:00	47101 MARI_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1/29/2024 9:00	60101 COCA_T1	0	0	0	0	0	0	0.49	0.45	0	0	0	0	0	0
1/29/2024 9:00	16101 BING_T2	62	86	24	0.37	0.49	0.12	-0.4	-0.42	0	0	0	0	0	0
1/29/2024 9:00	67503 WEWI_T2	0	0	0	0	0	0	0.09	0.1	0	0	0	0	0	0
1/29/2024 9:00	43304 WATS_T2	1	0	-1	0.4	0	-0.4	-0.12	-0.11	0	0	0	0	0	0
1/29/2024 9:00	56802 BENV_T2	3	3	0	0.33	0.5	0.17	-1.31	-1.31	0	0	0	0	0	0
1/29/2024 9:00	59102 WALK_T2	0	0	0	0	0	0	-0.14	-0.27	0	0	0	0	0	0
1/29/2024 9:00	53901 HALI_T2	47	125	78	0.17	0.44	0.27	0	0	0	0	0	0	0	0
1/29/2024 9:00	65001 NEFF_T2	0	0	0	0	0	0	-0.47	-0.56	0	0	0	0	0	0
1/29/2024 9:00	40502 CRES_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1/29/2024 9:00	67402 WAKE_T2	0	0	0	0	0	0	0.5	0.53	0	0	0	0	0	0
1/29/2024 9:00	46203 DANV_T2	6	8	2	0.17	0.28	0.11	-0.83	-0.82	0	0	0	0	0	0
1/29/2024 9:00	60701 BREC_T1	0	0	0	0	0	0	-0.48	-0.28	0	0	0	0	0	0
1/29/2024 9:00	49803 UNIV_T1	0	0	0	0	0	0	-0.88	-0.87	0	0	0	0	0	0
1/29/2024 9:07	43001 ALWD_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1/29/2024 9:07	67503 WEWI_T2	0	0	0	0	0	0	0.09	0.1	0	0	0	0	0	0
1/29/2024 9:07	45901 AUBU_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1/29/2024 9:07	42903 MIDD_T2	0	0	0	0	0	0	0.97	0.77	0	0	0	0	0	0
1/29/2024 9:08	45502 DERR_T2	1	1	0	0.5	0	-0.5	0	0	0	0	0	0	0	0
1/29/2024 9:10	56802 BENV_T2	3	3	0	0.33	0.5	0.17	-1.31	-1.35	0	0	0	0	0	0
1/29/2024 9:10	46203 DANV_T2	6	8	2	0.17	0.28	0.11	-0.82	-0.86	0	0	0	0	0	0
1/29/2024 9:10	40505 CRES_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1/29/2024 9:11	46203 DANV_T2	6	8	2	0.17	0.28	0.11	-2.46	-2.58	0	0	0	0	0	0
1/29/2024 9:11	45502 DERR_T2	1	1	0	0.5	0	-0.5	0	0	0	0	0	0	0	0
1/29/2024 9:11	56802 BENV_T2	3	3	0	0.33	0.5	0.17	-1.31	-1.35	0	0	0	0	0	0
1/29/2024 9:12	46203 DANV_T2	6	8	2	0.17	0.28	0.11	0	0	0	0	0	0	0	0
1/29/2024 9:12	40505 CRES_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1/29/2024 9:13	46203 DANV_T2	6	8	2	0.17	0.28	0.11	-0.82	-0.86	0	0	0	0	0	0
1/29/2024 9:13	53903 HALI_T2	1	2	1	0.3	0.95	0.65	0	0	0	0	0	0	0	0
1/29/2024 9:13	46203 DANV_T2	6	8	2	0.17	0.28	0.11	-0.82	-0.86	0	0	0	0	0	0
1/29/2024 9:17	52102 MEIS_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1/29/2024 9:18	55002 NEWP_T1	6	6	0	0.67	0.87	0.2	-0.21	-0.2	0	0	0	0	0	0
1/29/2024 9:22	59101 WALK_T2	0	0	0	0	0	0	2.31	2.45	0	0	0	0	0	0
1/29/2024 9:23	59101 WALK_T2	0	0	0	0	0	0	2.31	2.45	0	0	0	0	0	0
1/29/2024 9:23	29401 BELT_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1/29/2024 9:25	59101 WALK_T2	0	0	0	0	0	0	2.45	1.95	0	0	0	0	0	0
1/29/2024 9:25	29402 BELT_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1/29/2024 9:26	28604 BLYT_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1/29/2024 9:26	29401 BELT_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1/29/2024 9:27	41801 GOCI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1/29/2024 9:28	64702 LITI_T2	0	0	0	0	0	0	-0.75	-0.7	0	0	0	0	0	0
1/29/2024 9:30	64702 LITI_T2	0	0	0	0	0	0	-0.75	-0.7	0	0	0	0	0	0
1/29/2024 9:30	41801 GOCI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1/29/2024 9:32	55002 NEWP_T1	6	6	0	0.75	0.73	-0.02	-0.2	-0.17	0	0	0	0	0	0
1/29/2024 9:32	64702 LITI_T2	0	0	0	0	0	0	-0.75	-0.7	0	0	0	0	0	0
1/29/2024 9:33	43202 MVIL_T2	47	1	-46	0.24	0.1	-0.14	-0.53	-0.55	0	0	0	0	0	0
1/29/2024 9:34	43202 MVIL_T2	47	1	-46	0.24	0.1	-0.14	-0.53	-0.55	0	0	0	0	0	0
1/29/2024 9:34	55002 NEWP_T1	6	6	0	0.75	0.73	-0.02	-0.4	-0.34	0	0	0	0	0	0
1/29/2024 9:35	41902 REED_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1/29/2024 9:36	41902 REED_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1/29/2024 9:37	56802 BENV_T2	3	9	6	0.5	0.26	-0.24	-2.7	-2.72	0	0	0	0	0	0
1/29/2024 9:38	56802 BENV_T2	3	9	6	0.5	0.26	-0.24	-2.7	-2.72	0	0	0	0	0	0
1/29/2024 9:39	56802 BENV_T2	3	9	6	0.5	0.26	-0.24	-2.72	-2.68	0	0	0	0	0	0
1/29/2024 9:40	56802 BENV_T2	3	9	6	0.5	0.26	-0.24	-1.36	-1.34	0	0	0	0	0	0
1/29/2024 9:41	56802 BENV_T2	3	9	6	0.5	0.26	-0.24	-1.36	-1.34	0	0	0	0	0	0
1/29/2024 9:42	45802 HEGI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1/29/2024 9:43	55002 NEWP_T1	6	6	0	0.75	0.73	-0.02	-0.17	-0.16	0	0	0	0	0	0
1/29/2024 9:43	56802 BENV_T2	3	9	6	0.5	0.26	-0.24	-1.36	-1.34	0	0	0	0	0	0
1/29/2024 9:44	45802 HEGI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1/29/2024 9:51	43202 MVIL_T2	1	0	-1	0.1	0	-0.1	-0.55	-0.54	0	0	0	0	0	0
1/29/2024 9:51	66504 SMAN_T2	1	0	-1	0.1	0	-0.1	-3.36	-3.33	0	0	0	0	0	0
1/29/2024 9:53	40502 CRES_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1/29/2024 9:55	40502 CRES_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1/29/2024 10:01	57304 MOAL_T2	0	0	0	0	0	0	-0.25	-0.23	0	0	0	0	0	0
1/29/2024 10:01	39601 LNFD_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1/29/2024 10:02	57304 MOAL_T2	0	0	0	0	0	0	-0.25	-0.23	0	0	0	0	0	0
1/29/2024 10:03	55002 NEWP_T1	5	6	1	0.54	0.45	-0.09	-0.16	-0.16	0	0	0	0	0	0
1/29/2024 10:03	43202 MVIL_T2	0	0	0	0	0	0	-0.54	-0.55	0	0	0	0	0	0
1/29/2024 10:04	65901 SAKR_T2	1	1	0	8.3	7.8	-0.5	-1	-1.08	0	0	0	0	0	0
1/29/2024 10:04	67203 TEHI_T1	6	13	7	0.32	0.33	0.01	2.41	2.38	0	0	0	0	0	0
1/29/2024 10:04	55002 NEWP_T1	5	6	1	0.54	0.45	-0.09	-0.16	-0.16	0	0	0	0	0	0
1/29/2024 10:04	64101 REFR_T1	0	0	0	0	0	0	0.01	-0.03	0	0	0	0	0	0
1/29/2024 10:05	55002 NEWP_T1	5	6	1	0.54	0.45	-0.09	-0.32	-0.32	0	0	0	0	0	0
1/29/2024 10:05	67201 TEHI_T1	1	4	3	0.1	0.1	0	0.33	0.3	0	0	0	0	0	0
1/29/2024 10:05	43202 MVIL_T2	0	0	0	0	0	0	-0.54	-0.55	0	0	0	0	0	0
1/29/2024 10:05	64101 REFR_T1	0	0	0	0	0	0	0.01	-0.03	0	0	0	0	0	0
1/29/2024 10:05	56501 ROCK_T2	1	2	1	0.5	0.3	-0.2	-0.08	0.01	0	0	0	0	0	0
1/29/2024 10:06	55002 NEWP_T1	5	6	1	0.54	0.45	-0.09	-0.16	-0.16	0	0	0	0	0	0
1/29/2024 10:06	64101 REFR_T1	0	0	0	0	0	0	0.01	-0.05	0	0	0	0	0	0
1/29/2024 10:07	65901 SAKR_T2	1	1	0	8.3	7.8	-0.5	-1	-1.08	0	0	0	0	0	0
1/29/2024 10:07	56501 ROCK_T2	1	2	1	0.5	0.3	-0.2	-0.08	0.01	0	0	0	0	0	0
1/29/2024 10:07	64101 REFR_T1	0	0	0	0	0	0	0.02	-0.08	0	0	0	0	0	0
1/29/2024 10:07	14403 SSLA_T1	0	0	0	0	0	0	1.05	1.03	0	0	0	0	0	0
1/29/2024 10:07	67204 TEHI_T2	0	0	0	0	0	0	0.05	0	0	0	0	0	0	0
1/29/2024 10:08	56802 BENV_T2	4	2	-2	0.3	0.6	0.3	-2.68	-2.64	0	0	0	0	0	0
1/29/2024 10:08	66703 STRA_T1	0	0	0	0	0	0	0.07	0.03	0	0	0	0	0	0
1/29/2024 10:08	59101 WALK_T2	0	0	0	0	0	0	2.52	2.16	0	0	0	0	0	0
1/29/2024 10:09	56802 BENV_T2	4	2	-2	0.3	0.6	0.3	-1.32	-1.28	0	0	0	0	0	0
1/29/2024 10:10	43001 ALWD_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1/29/2024 10:10	40502 CRES_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1/29/2024 10:12	40502 CRES_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1/29/2024 10:12	46206 DANV_T2	1	0	-1	0.1	0	-0.1	0	0	0	0	0	0	0	0
1/29/2024 10:13	64201 KINZ_T1	0	0	0	0	0	0	-0.23	-0.24	0	0	0	0	0	0
1/29/2024 10:13	53901 HALI_T2	46	49	3	0.22	0.24	0.02	-1.38	-1.41	0	0	0	0	0	0
1/29/2024 10:14	64204 KINZ_T1	1	1	0	0.4	1.1	0.7	0	0	0	0	0	0	0	0
1/29/2024 10:14	53901 HALI_T2	46	49	3	0.22	0.24	0.02	-1.38	-1.41	0	0	0	0	0	0
1/29/2024 10:15	64702 LITI_T2	0	0	0	0	0	0	-1.6	-1.5	0	0	0	0	0	0
1/29/2024 10:15	53903 HALI_T2	2	2	0	0.9	1	0.1	0	0	0	0	0	0	0	0
1/29/2024 10:17	64101 REFR_T1	0	2	2	0	0	0	-0.03	0.04	0	0	0	0	0	0
1/29/2024 10:17	64702 LITI_T2	0	0	0	0	0	0	-0.8	-0.75	0	0	0	0	0	0
1/29/2024 10:18	56501 ROCK_T2	1	2	1	0.3	0.4	0.1	0.01	-0.09	0	0	0	0	0	0
1/29/2024 10:19	56501 ROCK_T2	1	2	1	0.3	0.4	0.1	0.01	-0.09	0	0	0	0	0	0
1/29/2024 10:20	64101 REFR_T1	0	2	2	0	0	0	-0.08	0.11	0	0	0	0	0	0
1/29/2024 10:20	65902 SAKR_T2	0	0	0	0	0	0	-0.78	-0.71	0	0	0	0	0	0
1/29/2024 10:22	64101 REFR_T1	0	2	2	0	0	0	-0.08	0.11	0	0	0	0	0	0
1/29/2024 10:22	20403 ASHF_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1/29/2024 10:23	57403 SPAN_T1	0	2	2	0	0.1	0.1	0	0	0	0	0	0	0	0
1/29/2024 10:23	20403 ASHF_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1/29/2024 10:23	45501 DERR_T2	1	1	0	0	0	0	0.78	0.76	0	0	0	0	0	0
1/29/2024 10:24	45501 DERR_T2	1	1	0	0	0	0	0.78	0.76	0	0	0	0	0	0
1/29/2024 10:25	45501 DERR_T2	1	1	0	0	0	0	0.78	0.76	0	0	0	0	0	0
1/29/2024 10:25	14403 SSLA_T1	0	0	0	0	0	0	1.05	1.01	0	0	0	0	0	0
1/29/2024 10:25	53501 EVIL_T2	3	3	0	0.37	0.73	0.36	-0.76	-0.7	0	0	0	0	0	0
1/29/2024 10:26	53501 EVIL_T2	3	3	0	0.37	0.73	0.36	-0.76	-0.7	0	0	0	0	0	0
1/29/2024 10:27	53502 EVIL_T2	1	1	0	2	0.4	-1.6	0	0	0	0	0	0	0	0
1/29/2024 10:30	53502 EVIL_T2	1	1	0	0.7	0.4	-0.3	0	0	0	0	0	0	0	0
1/29/2024 10:30	17802 GILB_T1	0	0	0	0	0	0	0.33	0.33	0	0	0	0	0	0
1/29/2024 10:30	55002 NEWP_T1	6	6	0	0.42	0.77	0.35	-0.19	-0.16	0	0	0	0	0	0
1/29/2024 10:31	43201 MVIL_T2	0	0	0	0	0	0	-0.32	-0.33	0	0	0	0	0	0
1/29/2024 10:32	64101 REFR_T1	0	2	2	0	0	0	0.04	0.02	0	0	0	0	0	0
1/29/2024 10:33	64101 REFR_T1	0	2	2	0	0	0	0.11	0.05	0	0	0	0	0	0
1/29/2024 10:34	66703 STRA_T1	0	0	0	0	0	0	0.03	0.06	0	0	0	0	0	0
1/29/2024 10:36	67503 WEWI_T2	0	0	0	0	0	0	0.08	0.04	0	0	0	0	0	0
1/29/2024 10:36	64101 REFR_T1	0	2	2	0	0	0	0.07	0.03	0	0	0	0	0	0
1/29/2024 10:37	56802 BENV_T2	2	2	0	0.5	0.6	0.1	-1.28	-1.36	0	0	0	0	0	0
1/29/2024 10:37	67503 WEWI_T2	0	0	0	0	0	0	0.08	0.04	0	0	0	0	0	0
1/29/2024 10:39	67503 WEWI_T2	0	0	0	0	0	0	0.04	0.07	0	0	0	0	0	0
1/29/2024 10:39	10801 CHHI_T1	0	1	1	0	0	0	0	0	0	0	0	0	0	0
1/29/2024 10:39	67503 WEWI_T2	0	0	0	0	0	0	0.04	0.07	0	0	0	0	0	0
1/29/2024 10:39	45402 WILO_T2	0	1	1	0	0.1	0.1	-0.58	-0.6	0	0	0	0	0	0
1/29/2024 10:40	43001 ALWD_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1/29/2024 10:40	10805 CHHI_T2	2	1	-1	4.2	7.5	3.3	0	0	0	0	0	0	0	0
1/29/2024 10:41	61801 EELI_T2	0	0	0	0	0	0	-0.92	-0.9	0	0	0	0	0	0
1/29/2024 10:42	46203 DANV_T2	0	0	0	0	0	0	-0.79	-0.81	0	0	0	0	0	0
1/29/2024 10:42	10805 CHHI_T2	2	1	-1	4.2	7.5	3.3	0	0	0	0	0	0	0	0
1/29/2024 10:47	64801 MONE_T2	0	2	2	0	0.3	0.3	-0.22	-0.18	0	0	0	0	0	0
1/29/2024 10:47	26401 INOR_T1	0	4	4	0	0	0	0.91	1.06	0	0	0	0	0	0
1/29/2024 10:48	64101 REFR_T1	2	0	-2	0.15	0	-0.15	0.05	0.08	0	0	0	0	0	0
1/29/2024 10:49	14403 SSLA_T1	0	0	0	0	0	0	1.01	1	0	0	0	0	0	0
1/29/2024 10:49	67002 STHI_T2	0	2	2	0	0.1	0.1	1.26	1.34	0	0	0	0	0	0
1/29/2024 10:49	64101 REFR_T1	2	0	-2	0.15	0	-0.15	0.02	0.03	0	0	0	0	0	0
1/29/2024 10:51	64101 REFR_T1	2	0	-2	0.15	0	-0.15	0.03	0.05	0	0	0	0	0	0
1/29/2024 10:51	54206 PENN_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1/29/2024 10:51	67002 STHI_T2	0	2	2	0	0.1	0.1	1.26	1.34	0	0	0	0	0	0
1/29/2024 10:52	67001 STHI_T2	3	10	7	0.3	0.19	-0.11	0	0	0	0	0	0	0	0
1/29/2024 10:52	40603 PIGR_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1/29/2024 10:52	43001 ALWD_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1/29/2024 10:52	59101 WALK_T2	0	0	0	0	0	0	2.2	2.05	0	0	0	0	0

1/29/2024 11:16	40101 HUNT_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1/29/2024 11:18	55002 NEWP_T1	6	6	0	0.45	0.78	0.33	-0.18	-0.19	0	0	0	0	0	0
1/29/2024 11:18	13704 SCHN_T2	0	0	0	0	0	0	-0.81	-0.3	0	0	0	0	0	0
1/29/2024 11:18	65001 NEFF_T2	0	0	0	0	0	0	-0.47	-0.45	0	0	0	0	0	0
1/29/2024 11:19	67002 STHI_T2	2	2	0	0.1	0.1	0	0.67	0.66	0	0	0	0	0	0
1/29/2024 11:19	64101 REFR_T1	0	0	0	0	0	0	0.03	0.01	0	0	0	0	0	0
1/29/2024 11:19	57403 SPAN_T1	0	1	1	0	0.1	0.1	0.16	0.14	0	0	0	0	0	0
1/29/2024 11:20	65001 NEFF_T2	0	0	0	0	0	0	-0.47	-0.45	0	0	0	0	0	0
1/29/2024 11:20	67002 STHI_T2	2	2	0	0.1	0.1	0	1.34	1.32	0	0	0	0	0	0
1/29/2024 11:22	55002 NEWP_T1	6	6	0	0.45	0.78	0.33	-0.18	-0.19	0	0	0	0	0	0
1/29/2024 11:22	60201 ATGL_T2	0	0	0	0	0	0	-0.34	-0.26	0	0	0	0	0	0
1/29/2024 11:22	46004 BERW_T2	0	0	0	0	0	0	-0.21	-0.28	0	0	0	0	0	0
1/29/2024 11:23	67503 WEWI_T2	0	0	0	0	0	0	0.08	0.09	0	0	0	0	0	0
1/29/2024 11:23	43001 ALWD_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1/29/2024 11:23	64101 REFR_T1	0	0	0	0	0	0	0.03	0.01	0	0	0	0	0	0
1/29/2024 11:23	57401 SPAN_T1	1	0	-1	0.1	0	-0.1	0	0	0	0	0	0	0	0
1/29/2024 11:24	67002 STHI_T2	2	2	0	0.1	0.1	0	1.32	1.36	0	0	0	0	0	0
1/29/2024 11:24	46004 BERW_T2	0	0	0	0	0	0	-0.28	-0.31	0	0	0	0	0	0
1/29/2024 11:25	56802 BENV_T2	1	2	1	0.9	0.5	-0.4	-1.32	-1.31	0	0	0	0	0	0
1/29/2024 11:27	29401 BELT_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1/29/2024 11:28	29401 BELT_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1/29/2024 11:28	43001 ALWD_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1/29/2024 11:29	40602 PIGR_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1/29/2024 11:29	61801 EELI_T2	0	0	0	0	0	0	-1.78	-1.72	0	0	0	0	0	0
1/29/2024 11:29	29401 BELT_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1/29/2024 11:32	59302 MCAL_T1	0	0	0	0	0	0	-0.48	-0.51	0	0	0	0	0	0
1/29/2024 11:33	64101 REFR_T1	0	0	0	0	0	0	0.02	-0.02	0	0	0	0	0	0
1/29/2024 11:33	65001 NEFF_T2	0	0	0	0	0	0	-0.45	-0.47	0	0	0	0	0	0
1/29/2024 11:34	64101 REFR_T1	0	0	0	0	0	0	0.01	-0.01	0	0	0	0	0	0
1/29/2024 11:34	13704 SCHN_T2	0	0	0	0	0	0	-0.3	-0.21	0	0	0	0	0	0
1/29/2024 11:35	64101 REFR_T1	0	0	0	0	0	0	0.02	-0.02	0	0	0	0	0	0
1/29/2024 11:36	66901 SHIL_T2	1	26	25	0.1	0.12	0.02	-1.6	-1.6	0	0	0	0	0	0
1/29/2024 11:36	20403 ASHF_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1/29/2024 11:36	55105 WERT_T1	0	0	0	0	0	0	-0.5	-0.52	0	0	0	0	0	0
1/29/2024 11:37	48901 FOSP_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1/29/2024 11:38	59101 WALK_T2	0	0	0	0	0	0	2.44	2.51	0	0	0	0	0	0
1/29/2024 11:39	59101 WALK_T2	0	0	0	0	0	0	10.02	9.47	0	0	0	0	0	0
1/29/2024 11:39	16302 ALPA_T2	0	0	0	0	0	0	0.75	0.66	0	0	0	0	0	0
1/29/2024 11:40	20403 ASHF_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1/29/2024 11:40	16302 ALPA_T2	0	0	0	0	0	0	0.75	0.66	0	0	0	0	0	0
1/29/2024 11:41	16302 ALPA_T2	0	0	0	0	0	0	1.5	1.33	0	0	0	0	0	0
1/29/2024 11:41	59101 WALK_T2	0	0	0	0	0	0	2.51	2.37	0	0	0	0	0	0
1/29/2024 11:46	39601 LNFD_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1/29/2024 11:47	42903 MIDD_T2	0	2	2	0	0.45	0.45	0.79	0.84	0	0	0	0	0	0
1/29/2024 11:47	65001 NEFF_T2	0	0	0	0	0	0	-0.47	-0.34	0	0	0	0	0	0
1/29/2024 11:48	56501 ROCK_T2	1	1	0	0.2	0.3	0.1	-0.04	-0.07	0	0	0	0	0	0
1/29/2024 11:49	56501 ROCK_T2	1	1	0	0.2	0.3	0.1	-0.04	-0.07	0	0	0	0	0	0
1/29/2024 11:49	65001 NEFF_T2	0	0	0	0	0	0	-0.47	-0.34	0	0	0	0	0	0
1/29/2024 11:50	56501 ROCK_T2	1	1	0	0.2	0.3	0.1	-0.04	-0.07	0	0	0	0	0	0
1/29/2024 11:50	59101 WALK_T2	0	1	1	0	0.1	0.1	5.01	4.74	0	0	0	0	0	0
1/29/2024 11:51	59101 WALK_T2	0	1	1	0	0.1	0.1	2.51	2.37	0	0	0	0	0	0
1/29/2024 11:52	56504 ROCK_T2	0	0	0	0	0	0	-0.01	-0.01	0	0	0	0	0	0
1/29/2024 11:53	56501 ROCK_T2	1	1	0	0.2	0.3	0.1	-0.04	-0.07	0	0	0	0	0	0
1/29/2024 11:53	59101 WALK_T2	0	1	1	0	0.1	0.1	2.51	2.37	0	0	0	0	0	0
1/29/2024 11:55	16302 ALPA_T2	0	0	0	0	0	0	0.66	0.76	0	0	0	0	0	0
1/29/2024 11:55	59101 WALK_T2	0	1	1	0	0.1	0.1	2.37	2.06	0	0	0	0	0	0
1/29/2024 11:56	16302 ALPA_T2	0	0	0	0	0	0	1.33	1.51	0	0	0	0	0	0
1/29/2024 11:57	55105 WERT_T1	0	0	0	0	0	0	-0.52	-0.53	0	0	0	0	0	0
1/29/2024 11:57	16302 ALPA_T2	0	0	0	0	0	0	0.66	0.76	0	0	0	0	0	0
1/29/2024 11:58	59101 WALK_T2	0	1	1	0	0.1	0.1	2.37	2.06	0	0	0	0	0	0
1/29/2024 12:01	42903 MIDD_T2	0	2	2	0	0.45	0.45	0.84	-0.14	0	0	0	0	0	0
1/29/2024 12:02	64101 REFR_T1	0	1	1	0	0	0	0.03	0.03	0	0	0	0	0	0
1/29/2024 12:03	42903 MIDD_T2	0	2	2	0	0.45	0.45	0.84	-0.14	0	0	0	0	0	0
1/29/2024 12:05	64101 REFR_T1	0	1	1	0	0	0	0.08	0.08	0	0	0	0	0	0
1/29/2024 12:06	64101 REFR_T1	0	1	1	0	0	0	0.05	0.05	0	0	0	0	0	0
1/29/2024 12:07	20403 ASHF_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1/29/2024 12:07	55105 WERT_T1	0	0	0	0	0	0	-0.52	-0.53	0	0	0	0	0	0
1/29/2024 12:07	64101 REFR_T1	0	1	1	0	0	0	0.03	0.03	0	0	0	0	0	0
1/29/2024 12:08	20403 ASHF_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1/29/2024 12:08	14403 SSLA_T1	0	0	0	0	0	0	1	0.87	0	0	0	0	0	0
1/29/2024 12:08	64101 REFR_T1	0	1	1	0	0	0	0.03	0.03	0	0	0	0	0	0
1/29/2024 12:15	59301 MCAL_T1	2	2	0	0.6	0.6	0	0	0	0	0	0	0	0	0
1/29/2024 12:17	13302 ORVI_T2	0	0	0	0	0	0	1.14	1.13	0	0	0	0	0	0
1/29/2024 12:17	42903 MIDD_T2	2	2	0	0.45	0.3	-0.15	-0.14	-0.12	0	0	0	0	0	0
1/29/2024 12:18	65001 NEFF_T2	0	0	0	0	0	0	-0.42	-0.45	0	0	0	0	0	0
1/29/2024 12:19	42903 MIDD_T2	2	2	0	0.45	0.3	-0.15	-0.14	-0.12	0	0	0	0	0	0
1/29/2024 12:20	13704 SCHN_T2	0	0	0	0	0	0	-0.21	-0.3	0	0	0	0	0	0
1/29/2024 12:21	13704 SCHN_T2	0	0	0	0	0	0	-0.21	-0.3	0	0	0	0	0	0
1/29/2024 12:23	13704 SCHN_T2	0	0	0	0	0	0	-0.21	-0.3	0	0	0	0	0	0
1/29/2024 12:32	64101 REFR_T1	0	0	0	0	0	0	-0.01	0.02	0	0	0	0	0	0
1/29/2024 12:33	64101 REFR_T1	0	0	0	0	0	0	-0.02	0.06	0	0	0	0	0	0
1/29/2024 12:34	65001 NEFF_T2	0	0	0	0	0	0	-0.45	-0.39	0	0	0	0	0	0
1/29/2024 12:35	40602 PIGR_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1/29/2024 12:36	64101 REFR_T1	0	0	0	0	0	0	-0.01	0.02	0	0	0	0	0	0
1/29/2024 12:36	59102 WALK_T2	1	0	-1	0.2	0	-0.2	0	0	0	0	0	0	0	0
1/29/2024 12:36	40602 PIGR_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1/29/2024 12:37	59202 THOM_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1/29/2024 12:37	59102 WALK_T2	1	0	-1	0.2	0	-0.2	0	0	0	0	0	0	0	0
1/29/2024 12:37	64101 REFR_T1	0	0	0	0	0	0	-0.01	0.03	0	0	0	0	0	0
1/29/2024 12:39	59101 WALK_T2	0	0	0	0	0	0	1.9	1.79	0	0	0	0	0	0
1/29/2024 12:44	50103 HARR_T3	2	2	0	1.15	1.25	0.1	-0.67	-0.81	0	0	0	0	0	0
1/29/2024 12:46	50201 HARR_T3	2	2	0	3.9	4.05	0.15	0	0	0	0	0	0	0	0
1/29/2024 12:48	54206 PENN_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1/29/2024 12:49	13704 SCHN_T2	0	0	0	0	0	0	-0.29	-0.31	0	0	0	0	0	0
1/29/2024 12:51	13704 SCHN_T2	0	0	0	0	0	0	-0.29	-0.31	0	0	0	0	0	0
1/29/2024 12:52	13704 SCHN_T2	0	0	0	0	0	0	-0.29	-0.31	0	0	0	0	0	0
1/29/2024 12:57	57401 SPAN_T1	2	2	0	0.3	0.4	0.1	-0.97	-0.97	0	0	0	0	0	0
1/29/2024 13:05	65001 NEFF_T2	0	0	0	0	0	0	-0.44	-0.43	0	0	0	0	0	0
1/29/2024 13:06	14401 SSLA_T1	0	376	376	0	0	0	0	0	0	0	0	0	0	0
1/29/2024 13:13	54505 ENOL_T2	1	1	0	0.6	0.6	0	0	0	0	0	0	0	0	0
1/29/2024 13:15	39601 LNFD_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1/29/2024 13:16	65001 NEFF_T2	0	0	0	0	0	0	-0.43	-0.45	0	0	0	0	0	0
1/29/2024 13:32	45702 LIND_T2	1	1	0	1.6	1.6	0	-0.37	-0.42	0	0	0	0	0	0
1/29/2024 13:47	58402 MORO_T1	0	0	0	0	0	0	0.04	0.02	0	0	0	0	0	0
1/29/2024 13:49	13704 SCHN_T2	0	0	0	0	0	0	-0.15	-0.25	0	0	0	0	0	0
1/29/2024 13:50	66901 SHIL_T2	85	159	74	0.17	0.2	0.03	-1.64	-1.66	0	0	0	0	0	0
1/29/2024 13:50	64101 REFR_T1	0	0	0	0	0	0	-0.01	0.05	0	0	0	0	0	0
1/29/2024 13:51	64101 REFR_T1	0	0	0	0	0	0	-0.01	0.05	0	0	0	0	0	0
1/29/2024 13:52	64101 REFR_T1	0	0	0	0	0	0	-0.01	0.05	0	0	0	0	0	0
1/29/2024 13:52	61103 BERK_T5	0	0	0	0	0	0	0.1	0.08	0	0	0	0	0	0
1/29/2024 13:54	14801 TREI_T2	2	3	1	0.2	0.4	0.2	0.43	0.46	0	0	0	0	0	0
1/29/2024 13:55	20403 ASHF_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1/29/2024 13:56	61103 BERK_T5	0	0	0	0	0	0	0.16	0.18	0	0	0	0	0	0
1/29/2024 13:57	61103 BERK_T5	0	0	0	0	0	0	0.16	0.18	0	0	0	0	0	0
1/29/2024 13:58	65001 NEFF_T2	0	0	0	0	0	0	-0.66	-0.68	0	0	0	0	0	0
1/29/2024 14:00	59302 MCAL_T1	0	0	0	0	0	0	-0.49	-0.51	0	0	0	0	0	0
1/29/2024 14:07	67203 TEHI_T1	4	0	-4	0.35	0	-0.35	2.3	2.15	0	0	0	0	0	0
1/29/2024 14:07	67204 TEHI_T2	0	0	0	0	0	0	-0.04	-0.01	0	0	0	0	0	0
1/29/2024 14:07	45902 AUBU_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1/29/2024 14:07	67201 TEHI_T1	4	8	4	0.65	0	-0.65	0.66	0.71	0	0	0	0	0	0
1/29/2024 14:08	67204 TEHI_T2	0	0	0	0	0	0	-0.04	-0.01	0	0	0	0	0	0
1/29/2024 14:08	45901 AUBU_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1/29/2024 14:08	45901 AUBU_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1/29/2024 14:08	27502 WEIS_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1/29/2024 14:09	45902 AUBU_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1/29/2024 14:11	45902 AUBU_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1/29/2024 14:12	60801 BUCK_T1	0	0	0	0	0	0	-0.45	-0.4	0	0	0	0	0	0
1/29/2024 14:13	67001 STHI_T2	290	399	109	0.14	0.17	0.03	0.15	0.13	0	0	0	0	0	0
1/29/2024 14:13	67002 STHI_T2	52	133	81	0.14	0.2	0.06	1.28	1.24	0	0	0	0	0	0
1/29/2024 14:13	27101 GFLD_T2	0	0	0	0	0	0	0.25	0.25	0	0	0	0	0	0
1/29/2024 14:14	67001 STHI_T2	290	399	109	0.14	0.17	0.03	0.15	0.13	0	0	0	0	0	0
1/29/2024 14:14	67001 STHI_T2	290	399	109	0.14	0.17	0.03	0.15	0.13	0	0	0	0	0	0
1/29/2024 14:14	45702 LIND_T2	1	1	0	1.4	1.5	0.1	-0.38	-0.36	0	0	0	0	0	0
1/29/2024 14:15	59301 MCAL_T1	2	2	0	0.5	0.8	0.3	0	0	0	0	0	0	0	0
1/29/2024 14:15	67001 STHI_T2	224	385	161	0.14	0.17	0.03	0	0	0	0	0	0	0	0
1/29/2024 14:16	64802 MONE_T2	0	0	0	0	0	0	0.02	0.04	0	0	0	0	0	0
1/29/2024 14:17	67002 STHI_T2	44	132	88	0.22	0.19	-0.03	0.64	0.62	0	0	0	0	0	0
1/29/2024 14:17	67001 STHI_T2	224	385	161	0.14	0.17	0.03	0.15	0.13	0	0	0	0	0	0
1/29/2024 14:17	64801 MONE_T2	2	2	0	0.45	0.45	0	-0.22	-0.22	0	0	0	0	0	0
1/29/2024 14:17	16402 MOPO_T1	0	4	4	0	0	0	0.29	0.25	0	0	0	0	0	0
1/29/2024 14:18	44201 POIN_T1	0	0	0	0	0	0	-0.78	-2.32	0	0	0	0	0	0
1/29/2024 14:18	54001 SDLE_T1	5	6	1	1.28	1.15	-0.13	0	0	0	0	0	0	0	0
1/29/2024 14:19	65001 NEFF_T2	0	0	0	0	0	0	-0.68	-0.61	0	0	0	0	0	0
1/29/2024 14:19	56504 ROCK_T2	0	0	0	0	0	0	-0.08	-0.2	0	0	0	0	0	0
1/29/2024 14:19	16402 MOPO_T1	0	4	4	0	0	0	0.29	0.25	0	0	0	0	0	0
1/29/2024 14:20	57403 SPAN_T1	1	1	0	0.2	0.5	0.3	0.14	0.13	0	0	0	0	0	0
1/29/2024 14:20	66901 SHIL_T2	130	131	1	0.19	0.17	-0.02	-1.7	-1.66	0	0	0	0	0	0
1/29/2024 14:20	56501 ROCK_T2	1	1	0	1.2	0.7	-0.5	-0.07	-0.03	0	0	0	0	0	0
1/29/2024 14:20	54001 SDLE_T1	5	6	1	1.28	1.15	-0.13	0	0	0	0	0	0	0	0
1/29/2024 14:21	57401 SPAN_T1	2	2	0	0.35	0.5	0.15	0	0	0	0	0	0	0	0
1/29/2024 14:22	67203 TEHI_T1	0	0	0	0	0	0	2.15	2.24	0	0	0	0	0	0
1/29/2024 14:22	57403 SPAN_T1	1	1	0	0.2	0.5	0.3	0.14	0.13	0	0	0	0	0	0
1/29/2024 14:22	44201 POIN_T1	0	0	0	0	0	0	-0.78	-2.32	0	0	0	0	0	0
1/29/2024 14:22	57401 SPAN_T1	2	2	0	0.35	0.5	0.15	-2.35	-2.25	0	0	0	0	0	0
1/29/2024 14:22	46004 BERW_T2	0	0	0	0	0	0	-0.3	-0.28	0	0	0	0	0	0
1/29/2024 14:22	54001 SDLE_T1	5	6	1	1.28	1.15	-0.13	0	0	0	0	0	0	0	0
1/29/2024 14:22	56501 ROCK_T2	1	1	0	1.2	0.7	-0.5	-0.07	-0.03	0	0	0	0	0	0
1/29/2024 14:22	59101 WALK_T2	0	0	0	0	0	0	4.37	4.24	0	0	0	0	0	0
1/29/2024 14:22	16302 ALPA_T2	0	0	0	0	0	0	0.65	0.63	0	0	0	0	0	0
1/29/2024 14:23	54001 SDLE_T1	5	6	1	1.28	1.15	-0.13	0	0	0	0	0	0	0	0
1/29/2024 14:23	57401 SPAN_T1	2	2	0	0.35	0.5	0.15	0	0	0	0	0	0	0	0
1/29/2024 14:23	28604 BLYT_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1/29/2024 14:23	67201 TEHI_T1	0	9	9	0	0.42	0.42	0.71	0.79	0	0	0	0	0	0
1/29/2024 14:23	16302 ALPA_T2	0	0	0	0	0	0	1.31	1.26	0	0	0	0	0	0
1/29/2024 14:23	20403 ASHF_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1/29/2024 14:24	16302 ALPA_T2	0	0	0	0	0	0	0.63	0.69	0	0	0	0	0	0
1/29/2024 14:24	57401 SPAN_T1	2	2	0	0.35	0.5	0.15	-1.5	-1.56	0	0	0	0	0	0
1/29/2024 14:24	27502 WEIS_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1/29/2024 14:25	28604 BLYT_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1/29/2024 14:25	20403 ASHF_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1/29/2024 14:26	46004 BERW_T2	0	0	0	0	0	0	-0.28	-0.34	0	0	0	0	0	0
1/29/2024 14:26	56501 ROCK_T2	1	1	0	1.2	0.7	-0.5	-0.03	-0.09	0	0	0	0	0	0
1/29/2024 14:26	17802 GILB_T1	0	0	0	0	0	0	0.32	0.16	0	0	0	0	0	0
1/29/2024 14:27	46801 HEPB_T2	0	2	2	0	0.2	0.2	0.67	0.7	0	0	0	0	0	0
1/29/2024 14:28	17805 GILB_T2	0	0	0	0	0	0	0.17	0.18	0	0	0	0	0	0
1/29/2024 14:29	67001 STHI_T2	224	385	161	0.14	0.17	0.03	0.13	0.15	0	0	0	0	0	0
1/29/2024 14:29	67001 STHI_T2	224	385	161	0.14	0.17	0.03	0.13	0.15	0	0	0	0	0	0
1/29/2024 14:29	17804 GILB_T2	0	0	0	0	0	0	-0.5	-0.51	0	0	0	0	0	0
1/29/2024 14:29	40101 HUNT_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1/29/2024 14:30	67001 STHI_T2	385	85	-300	0.17	0.12	-0.05	0.

1/29/2024 14:39	45902 AUBU_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1/29/2024 14:39	16402 MOPO_T1	2	3	1	0.1	0	-0.1	0.25	0.26	0	0	0	0	0	0
1/29/2024 14:39	56501 ROCK_T2	1	1	0	0.9	0.6	-0.3	-0.09	-0.08	0	0	0	0	0	0
1/29/2024 14:39	57403 SPAN_T1	1	7	6	0.5	0.16	-0.34	0.13	0.12	0	0	0	0	0	0
1/29/2024 14:39	27502 WEIS_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1/29/2024 14:39	16302 ALPA_T2	0	0	0	0	0	0	0.69	0.72	0	0	0	0	0	0
1/29/2024 14:39	29401 BELT_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1/29/2024 14:40	28604 BLYT_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1/29/2024 14:40	67502 WEWI_T2	0	0	0	0	0	0	-1.09	-1.1	0	0	0	0	0	0
1/29/2024 14:40	60803 BUCK_T1	0	0	0	0	0	0	-0.5	-0.49	0	0	0	0	0	0
1/29/2024 14:40	45902 AUBU_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1/29/2024 14:40	27502 WEIS_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1/29/2024 14:40	16302 ALPA_T2	0	0	0	0	0	0	0.69	0.72	0	0	0	0	0	0
1/29/2024 14:40	60701 BREC_T1	0	2	2	0	0.3	0.3	-0.22	-0.39	0	0	0	0	0	0
1/29/2024 14:40	67402 WAKE_T2	0	0	0	0	0	0	-0.24	-0.34	0	0	0	0	0	0
1/29/2024 14:41	66902 SHIL_T2	3	0	-3	0.1	0	-0.1	0	0	0	0	0	0	0	0
1/29/2024 14:41	29401 BELT_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1/29/2024 14:41	60803 BUCK_T1	0	0	0	0	0	0	-0.5	-0.49	0	0	0	0	0	0
1/29/2024 14:41	45902 AUBU_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1/29/2024 14:41	60701 BREC_T1	0	2	2	0	0.3	0.3	-0.44	-0.77	0	0	0	0	0	0
1/29/2024 14:42	63801 HEMP_T1	0	2	2	0	0.25	0.25	0	0	0	0	0	0	0	0
1/29/2024 14:42	43001 ALWD_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1/29/2024 14:42	46004 BERW_T2	0	0	0	0	0	0	-0.34	-0.38	0	0	0	0	0	0
1/29/2024 14:43	51108 CARL_T1	0	1	1	0	0.2	0.2	0	0	0	0	0	0	0	0
1/29/2024 14:43	28805 LAKE_T1	0	0	0	0	0	0	-0.42	-0.42	0	0	0	0	0	0
1/29/2024 14:43	46801 HEPB_T2	2	2	0	0.2	0.2	0	0.7	0.67	0	0	0	0	0	0
1/29/2024 14:43	67002 STHI_T2	132	42	-90	0.19	0.16	-0.03	0.6	0.61	0	0	0	0	0	0
1/29/2024 14:44	67001 STHI_T2	385	85	-300	0.17	0.12	-0.05	0	0	0	0	0	0	0	0
1/29/2024 14:44	40101 HUNT_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1/29/2024 14:44	60803 BUCK_T1	0	0	0	0	0	0	-0.5	-0.49	0	0	0	0	0	0
1/29/2024 14:44	60701 BREC_T1	0	2	2	0	0.3	0.3	-0.22	-0.39	0	0	0	0	0	0
1/29/2024 14:45	27101 GFLD_T2	1	0	-1	0.2	0	-0.2	0.26	0.27	0	0	0	0	0	0
1/29/2024 14:45	67002 STHI_T2	13	38	25	0.2	0.16	-0.04	1.81	1.83	0	0	0	0	0	0
1/29/2024 14:45	67402 WAKE_T2	0	0	0	0	0	0	-0.24	-0.34	0	0	0	0	0	0
1/29/2024 14:45	40101 HUNT_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1/29/2024 14:46	40101 HUNT_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1/29/2024 14:46	16101 BING_T2	83	102	19	0.4	0.59	0.19	-0.51	-0.5	0	0	0	0	0	0
1/29/2024 14:46	45702 LIND_T2	1	1	0	1.5	1.3	-0.2	-0.4	-0.39	0	0	0	0	0	0
1/29/2024 14:46	60701 BREC_T1	0	2	2	0	0.35	0.35	-0.22	-0.39	0	0	0	0	0	0
1/29/2024 14:47	64801 MONE_T2	2	4	2	0.45	0.25	-0.2	0	0	0	0	0	0	0	0
1/29/2024 14:47	55001 NEWP_T1	1	2	1	0.2	0.35	0.15	0	0	0	0	0	0	0	0
1/29/2024 14:48	55001 NEWP_T1	1	2	1	0.2	0.35	0.15	0	0	0	0	0	0	0	0
1/29/2024 14:48	65003 NEFF_T2	4	4	0	0	0.18	0.18	0	0	0	0	0	0	0	0
1/29/2024 14:48	42903 MIDD_T2	2	0	-2	0.4	0	-0.4	0	0	0	0	0	0	0	0
1/29/2024 14:48	54001 SDLE_T1	6	9	3	1.07	0.96	-0.11	0	0	0	0	0	0	0	0
1/29/2024 14:49	52501 PROG_T1	0	0	0	0	0	0	0.42	0.38	0	0	0	0	0	0
1/29/2024 14:49	46302 ROHR_T1	4	4	0	1.68	1.83	0.15	0	0	0	0	0	0	0	0
1/29/2024 14:49	54001 SDLE_T1	6	9	3	1.07	0.96	-0.11	0	0	0	0	0	0	0	0
1/29/2024 14:49	16402 MOPO_T1	2	2	0	0.25	0	-0.25	0.25	0.26	0	0	0	0	0	0
1/29/2024 14:50	16402 MOPO_T1	2	2	0	0.25	0	-0.25	0.25	0.26	0	0	0	0	0	0
1/29/2024 14:50	54001 SDLE_T1	6	9	3	1.07	0.96	-0.11	0	0	0	0	0	0	0	0
1/29/2024 14:50	46302 ROHR_T1	4	4	0	1.68	1.83	0.15	0	0	0	0	0	0	0	0
1/29/2024 14:50	65005 NEFF_T2	0	1	1	0	0.2	0.2	0	0	0	0	0	0	0	0
1/29/2024 14:51	43801 SWIL_T1	4	5	1	1.28	1.06	-0.22	0	0	0	0	0	0	0	0
1/29/2024 14:51	67402 WAKE_T2	0	0	0	0	0	0	-0.24	-0.34	0	0	0	0	0	0
1/29/2024 14:51	54001 SDLE_T1	6	9	3	1.07	0.96	-0.11	0	0	0	0	0	0	0	0
1/29/2024 14:52	49803 UNIV_T1	0	0	0	0	0	0	-0.89	-0.93	0	0	0	0	0	0
1/29/2024 14:52	43202 MVIL_T2	2	27	25	0.1	0.17	0.07	0	0	0	0	0	0	0	0
1/29/2024 14:52	54001 SDLE_T1	6	9	3	1.07	0.96	-0.11	0	0	0	0	0	0	0	0
1/29/2024 14:53	60101 COCA_T1	0	0	0	0	0	0	0.43	0.52	0	0	0	0	0	0
1/29/2024 14:53	46004 BERW_T2	0	1	1	0	0	0	-0.76	-0.53	0	0	0	0	0	0
1/29/2024 14:53	43001 ALWD_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1/29/2024 14:54	46001 BERW_T1	0	0	0	0	0	0	0.84	0.81	0	0	0	0	0	0
1/29/2024 14:54	60101 COCA_T1	0	0	0	0	0	0	1.05	0.84	0	0	0	0	0	0
1/29/2024 14:54	45902 AUBU_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1/29/2024 14:54	46004 BERW_T2	0	1	1	0	0	0	-0.38	-0.27	0	0	0	0	0	0
1/29/2024 14:55	45901 AUBU_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1/29/2024 14:55	67605 WARW_T1	1	4	3	0.1	0.2	0.1	-2.09	-2.23	0	0	0	0	0	0
1/29/2024 14:55	63401 HONY_T1	0	0	0	0	0	0	0.93	0.95	0	0	0	0	0	0
1/29/2024 14:56	67402 WAKE_T2	0	0	0	0	0	0	-0.34	-0.31	0	0	0	0	0	0
1/29/2024 14:56	46001 BERW_T1	0	0	0	0	0	0	0.84	0.81	0	0	0	0	0	0
1/29/2024 14:57	17802 GILB_T1	0	0	0	0	0	0	0.31	0.3	0	0	0	0	0	0
1/29/2024 14:58	53901 HAU_T2	1	43	42	0.1	0.18	0.08	0	0	0	0	0	0	0	0
1/29/2024 14:58	57401 SPAN_T1	2	4	2	0.5	0.55	0.05	-0.8	-0.82	0	0	0	0	0	0
1/29/2024 14:58	43001 ALWD_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1/29/2024 14:58	41801 GOCI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1/29/2024 15:00	60101 COCA_T1	0	0	0	0	0	0	0.52	0.42	0	0	0	0	0	0
1/29/2024 15:00	17805 GILB_T2	0	0	0	0	0	0	0.12	0.13	0	0	0	0	0	0
1/29/2024 15:01	47403 PENS_T1	1	1	0	2	1.7	-0.3	0	0	0	0	0	0	0	0
1/29/2024 15:01	53903 HAU_T2	2	2	0	1.1	0.95	-0.15	-0.12	-0.12	0	0	0	0	0	0
1/29/2024 15:01	17002 RIRO_T2	7	15	8	0.16	0.15	-0.01	0.6	0.56	0	0	0	0	0	0
1/29/2024 15:02	64902 MILL_T2	0	0	0	0	0	0	-0.68	-0.72	0	0	0	0	0	0
1/29/2024 15:02	17805 GILB_T2	0	0	0	0	0	0	0.12	0.13	0	0	0	0	0	0
1/29/2024 15:02	53903 HAU_T2	2	2	0	1.1	0.95	-0.15	-0.12	-0.12	0	0	0	0	0	0
1/29/2024 15:02	47403 PENS_T1	1	1	0	2	1.7	-0.3	0	0	0	0	0	0	0	0
1/29/2024 15:03	47401 PENS_T1	0	0	0	0	0	0	0.85	0.88	0	0	0	0	0	0
1/29/2024 15:03	55002 NEWP_T1	6	6	0	0.92	0.73	-0.19	-0.2	-0.2	0	0	0	0	0	0
1/29/2024 15:04	47403 PENS_T1	1	1	0	2	1.7	-0.3	0	0	0	0	0	0	0	0
1/29/2024 15:04	64802 MONE_T2	0	1	1	0	0	0	0	0	0	0	0	0	0	0
1/29/2024 15:04	46302 ROHR_T1	4	4	0	1.83	1.58	-0.25	0.21	0.22	0	0	0	0	0	0
1/29/2024 15:04	56501 ROCK_T2	1	1	0	0.6	0.6	0	-0.08	-0.06	0	0	0	0	0	0
1/29/2024 15:05	47401 PENS_T1	0	0	0	0	0	0	1.69	1.77	0	0	0	0	0	0
1/29/2024 15:06	47401 PENS_T1	0	0	0	0	0	0	1.69	1.77	0	0	0	0	0	0
1/29/2024 15:06	46302 ROHR_T1	4	4	0	1.83	1.58	-0.25	0.21	0.22	0	0	0	0	0	0
1/29/2024 15:06	20403 ASHF_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1/29/2024 15:06	67402 WAKE_T2	0	0	0	0	0	0	-0.34	-0.31	0	0	0	0	0	0
1/29/2024 15:06	67602 WARW_T2	1	2	1	0	0	0	1.47	1.49	0	0	0	0	0	0
1/29/2024 15:07	47403 PENS_T1	1	1	0	2	1.7	-0.3	0	0	0	0	0	0	0	0
1/29/2024 15:07	67605 WARW_T1	3	4	1	0.17	0.18	0.01	-1.04	-1.11	0	0	0	0	0	0
1/29/2024 15:08	60701 BREC_T1	2	2	0	0.3	0.45	0.15	-0.39	-0.39	0	0	0	0	0	0
1/29/2024 15:08	57403 SPAN_T1	6	0	-6	0.15	0	-0.15	0	0	0	0	0	0	0	0
1/29/2024 15:08	49803 UNIV_T1	0	0	0	0	0	0	-0.9	-0.95	0	0	0	0	0	0
1/29/2024 15:08	56501 ROCK_T2	1	1	0	0.6	0.6	0	-0.08	-0.06	0	0	0	0	0	0
1/29/2024 15:08	67602 WARW_T2	1	2	1	0	0	0	1.47	1.49	0	0	0	0	0	0
1/29/2024 15:09	43001 ALWD_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1/29/2024 15:09	67502 WEWI_T2	0	11	11	0	0.14	0.14	-2.1	-2.52	0	0	0	0	0	0
1/29/2024 15:09	24902 WHHA_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1/29/2024 15:10	60701 BREC_T1	2	2	0	0.3	0.45	0.15	-1.16	-1	0	0	0	0	0	0
1/29/2024 15:10	67602 WARW_T2	1	2	1	0	0	0	1.49	1.47	0	0	0	0	0	0
1/29/2024 15:10	29401 BELT_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1/29/2024 15:10	20403 ASHF_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1/29/2024 15:10	62607 ENGL_T1	1	0	-1	1	0	-1	0	0	0	0	0	0	0	0
1/29/2024 15:10	55105 WERT_T1	0	0	0	0	0	0	-0.6	-0.56	0	0	0	0	0	0
1/29/2024 15:11	67502 WEWI_T2	0	11	11	0	0.14	0.14	-1.05	-1.26	0	0	0	0	0	0
1/29/2024 15:12	62607 ENGL_T1	1	0	-1	1	0	-1	-1.04	-1.04	0	0	0	0	0	0
1/29/2024 15:12	67402 WAKE_T2	0	0	0	0	0	0	-0.31	-0.34	0	0	0	0	0	0
1/29/2024 15:12	53901 HAU_T2	43	0	-43	0.18	0	-0.18	0	0	0	0	0	0	0	0
1/29/2024 15:12	29401 BELT_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1/29/2024 15:14	29401 BELT_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1/29/2024 15:14	43001 ALWD_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1/29/2024 15:15	62604 ENGL_T1	0	0	0	0	0	0	-0.26	-0.37	0	0	0	0	0	0
1/29/2024 15:16	62604 ENGL_T1	0	0	0	0	0	0	-0.26	-0.37	0	0	0	0	0	0
1/29/2024 15:18	62604 ENGL_T1	0	0	0	0	0	0	-0.26	-0.37	0	0	0	0	0	0
1/29/2024 15:19	57402 SPAN_T2	1	0	-1	0.1	0	-0.1	0	0	0	0	0	0	0	0
1/29/2024 15:20	44201 POIN_T1	0	0	0	0	0	0	-0.53	-0.52	0	0	0	0	0	0
1/29/2024 15:21	44201 POIN_T1	0	0	0	0	0	0	-0.53	-0.52	0	0	0	0	0	0
1/29/2024 15:21	59101 WALK_T2	0	0	0	0	0	0	2.27	2.23	0	0	0	0	0	0
1/29/2024 15:22	67402 WAKE_T2	0	0	0	0	0	0	-0.31	-0.34	0	0	0	0	0	0
1/29/2024 15:22	46001 BERW_T1	0	0	0	0	0	0	0.81	0.83	0	0	0	0	0	0
1/29/2024 15:23	42201 SHEN_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1/29/2024 15:23	57404 SPAN_T2	0	0	0	0	0	0	0.17	0.05	0	0	0	0	0	0
1/29/2024 15:24	46001 BERW_T1	0	0	0	0	0	0	0.83	0.93	0	0	0	0	0	0
1/29/2024 15:24	43001 ALWD_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1/29/2024 15:25	59101 WALK_T2	0	0	0	0	0	0	4.46	4.68	0	0	0	0	0	0
1/29/2024 15:25	46001 BERW_T1	0	0	0	0	0	0	1.66	1.85	0	0	0	0	0	0
1/29/2024 15:27	67402 WAKE_T2	0	0	0	0	0	0	-0.34	-0.32	0	0	0	0	0	0
1/29/2024 15:27	47001 HUGH_T2	0	0	0	0	0	0	-0.64	-0.55	0	0	0	0	0	0
1/29/2024 15:28	47001 HUGH_T2	0	0	0	0	0	0	-0.64	-0.55	0	0	0	0	0	0
1/29/2024 15:28	45802 HEGI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1/29/2024 15:29	45802 HEGI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1/29/2024 15:30	43001 ALWD_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1/29/2024 15:32	65003 NEFF_T2	2	4	2	0.1	0.15	0.05	0	0	0	0	0	0	0	0
1/29/2024 15:34	55002 NEWP_T1	6	6	0	0.57	0.52	-0.05	-0.2	-0.2	0	0	0	0	0	0
1/29/2024 15:39	66901 SHIL_T2	83	78	-5	0.15	0.16	0.01	-1.66	-1.66	0	0	0	0	0	0
1/29/2024 15:40	40502 CRES_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1/29/2024 15:40	40505 CRES_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1/29/2024 15:41	40502 CRES_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1/29/2024 15:42	40505 CRES_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1/29/2024 15:43	40502 CRES_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1/29/2024 15:43	26401 INOR_T1	0	0	0	0	0	0	0.66	0.63	0	0	0	0	0	0
1/29/2024 15:44	40505 CRES_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1/29/2024 15:44	40502 CRES_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1/29/2024 15:45	40502 CRES_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1/29/2024 15:46	40502 CRES_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1/29/2024 15:47	58402 MORO_T1	0	0	0	0	0	0	-0.89	-0.89	0	0	0	0	0	0
1/29/2024 15:52	56801 BENV_T1	6	15	9	0.4	0.83	0.43	-0.69	-0.65	0	0	0	0	0	0
1/29/2024 15:54	56801 BENV_T1	6	15	9	0.4	0.83	0.43	-0.65	-0.66	0	0	0	0	0	0
1/29/2024 15:57	40502 CRES_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1/29/2024 16:00	52101 MEIS_T1	1	1	0	1.1	1.4	0.3	0	0	0	0	0	0	0	0
1/29/2024 16:02	52102 MEIS_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1/29/2024 16:06	55002 NEWP_T1	5	5	0	0.52	0.6	0.08	-0.23	-0.2	0	0	0	0	0	0
1/29/2024 16:07	44301 BEAV_T2	0	0	0	0	0	0	0.12	0.12	0	0	0	0	0	0
1/29/2024 16:10	67402 WAKE_T2	0	0	0	0	0	0	-0.32	-0.31	0	0	0	0	0	0
1/29/2024 16:13	47901 HRDG_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1/29/2024 16:15	67402 WAKE_T2	0	0	0	0	0	0	-0.32	-0.31	0	0	0	0	0	0
1/29/2024 16:16	47901 HRDG_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1/29/2024 16:16	55002 NEWP_T1	5	6	1	0.6	0.32	-0.28	-0.2	-0.2	0	0	0	0	0	0
1/29/2024 16:18	64101 REFR_T1	0	0	0	0	0	0	-0.01	0.05	0	0	0	0	0	0
1/29/2024 16:19	64101 REFR_T1	0	0	0	0	0	0	-0.02	0.11	0	0	0	0	0	0
1/29/2024 16:21	66902 SHIL_T2	6	0	-6	0.1	0	-0.1	0	0	0	0	0	0	0	0
1/29/2024 16:21	67402 WAKE_T2	0	0	0	0	0	0	-0.32	-0.31	0	0	0	0	0	0
1/29/2024 16:22	64101 REFR_T1	0	0	0	0	0	0	-0.01	0.05	0	0	0	0	0	0
1/29/2024 16:24	28604 BLYT_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1/29/2024 16:25	67402 WAKE_T2	0	0	0	0	0	0	-0.31	-0.33	0	0	0	0	0	0
1/29/2024 16:25	65003 NEFF_T2	1	3	2	0.2	0.17	-0.03	0	0	0	0	0	0	0	0
1/29/2024 16:32	55002 NEWP_T1	3	6	3	0.37	0.22	-0.15	-0.2	-0.18	0	0	0	0	0	0
1/29/2024 16:36	67402 WAKE_T2	0	0	0	0	0	0	-0.31	-0.33	0	0	0	0	0	0
1/29/2024 16:36	49803 UNIV_T1	0	0	0	0	0	0	-0.98	-1.02	0	0	0	0	0	0
1/29/2024 16:39	44301 BEAV_T2	0	0	0	0	0	0	-0.16	-0.22	0	0	0	0	0	0
1/29/2024 16:41	67402 WAKE_T2	0	0	0	0	0	0	-0.33	-0.31	0	0	0	0	0	0
1/29/2024 16:48	64101 REFR_T1	0	0	0	0	0	0	-0.01	-0.01	0	0	0

1/29/2024 19:05	47403 PENS_T1	0	12	12	0	0.16	0.16	0	0	0	0	0	0	0	0
1/29/2024 19:05	28805 LAKE_T1	0	0	0	0	0	0	-0.19	-0.21	0	0	0	0	0	0
1/29/2024 19:05	46001 BERW_T1	0	0	0	0	0	0	0.72	0.73	0	0	0	0	0	0
1/29/2024 19:05	44201 POIN_T1	0	0	0	0	0	0	-1.27	-1.31	0	0	0	0	0	0
1/29/2024 19:06	46206 DANV_T2	0	0	0	0	0	0	2.64	2.64	0	0	0	0	0	0
1/29/2024 19:06	47403 PENS_T1	0	12	12	0	0.16	0.16	0	0	0	0	0	0	0	0
1/29/2024 19:07	46301 ROHR_T1	0	0	0	0	0	0	0.26	0.26	0	0	0	0	0	0
1/29/2024 19:07	46302 ROHR_T1	2	6	4	1.35	0.98	-0.37	0.26	0.29	0	0	0	0	0	0
1/29/2024 19:07	46203 DANV_T2	4	8	4	0.2	0.33	0.13	-0.79	-0.79	0	0	0	0	0	0
1/29/2024 19:08	29402 BELT_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1/29/2024 19:08	47401 PENS_T1	0	0	0	0	0	0	0.9	0.89	0	0	0	0	0	0
1/29/2024 19:08	47001 HUGH_T2	1	0	-1	5.1	0	-5.1	-0.52	-0.54	0	0	0	0	0	0
1/29/2024 19:08	43103 SMIL_T2	0	0	0	0	0	0	-0.79	-0.79	0	0	0	0	0	0
1/29/2024 19:08	55002 NEWP_T1	4	5	1	0.38	0.66	0.28	-0.2	-0.18	0	0	0	0	0	0
1/29/2024 19:09	45502 DERR_T2	0	1	1	0	0	0	0	0	0	0	0	0	0	0
1/29/2024 19:09	53501 EVIL_T2	0	2	2	0	0.1	0.1	-1.44	-1.42	0	0	0	0	0	0
1/29/2024 19:09	46203 DANV_T2	4	8	4	0.2	0.33	0.13	-0.79	-0.78	0	0	0	0	0	0
1/29/2024 19:09	43802 SWIL_T1	0	0	0	0	0	0	-0.17	-0.17	0	0	0	0	0	0
1/29/2024 19:09	17802 GILB_T1	0	0	0	0	0	0	0.12	0.16	0	0	0	0	0	0
1/29/2024 19:09	47403 PENS_T1	0	12	12	0	0.16	0.16	0	0	0	0	0	0	0	0
1/29/2024 19:09	16101 BING_T2	92	114	22	0.76	0.74	-0.02	-0.33	-0.35	0	0	0	0	0	0
1/29/2024 19:10	29401 BELT_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1/29/2024 19:10	47403 PENS_T1	0	12	12	0	0.16	0.16	0	0	0	0	0	0	0	0
1/29/2024 19:10	29401 BELT_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1/29/2024 19:10	41801 GOCI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1/29/2024 19:10	42902 MIDD_T2	21	6	-15	0.44	0.45	0.01	-0.48	-0.44	0	0	0	0	0	0
1/29/2024 19:10	56802 BENV_T2	1	1	0	0.2	0.1	-0.1	-1.24	-1.3	0	0	0	0	0	0
1/29/2024 19:10	46004 BERW_T2	0	0	0	0	0	0	-0.47	-0.42	0	0	0	0	0	0
1/29/2024 19:10	55002 NEWP_T1	4	5	1	0.38	0.66	0.28	-0.18	-0.2	0	0	0	0	0	0
1/29/2024 19:10	43202 MVIL_T2	2	0	-2	0.1	0	-0.1	-0.61	-0.6	0	0	0	0	0	0
1/29/2024 19:10	46001 BERW_T1	0	0	0	0	0	0	0.73	0.75	0	0	0	0	0	0
1/29/2024 19:11	59101 WALK_T2	0	0	0	0	0	0	0.96	0.99	0	0	0	0	0	0
1/29/2024 19:11	44301 BEAV_T2	1	1	0	1.4	1	-0.4	-0.07	-0.09	0	0	0	0	0	0
1/29/2024 19:11	53501 EVIL_T2	0	2	2	0	0.1	0.1	-1.44	-1.42	0	0	0	0	0	0
1/29/2024 19:11	40101 HUNT_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1/29/2024 19:11	45902 AUBU_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1/29/2024 19:11	16402 MOPO_T1	0	0	0	0	0	0	0.21	0.23	0	0	0	0	0	0
1/29/2024 19:11	43001 ALWD_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1/29/2024 19:12	17805 GILB_T2	0	0	0	0	0	0	-0.74	-0.77	0	0	0	0	0	0
1/29/2024 19:12	46203 DANV_T2	4	8	4	0.2	0.33	0.13	-0.79	-0.78	0	0	0	0	0	0
1/29/2024 19:12	53901 HALI_T2	67	104	37	0.24	0.35	0.11	0	0	0	0	0	0	0	0
1/29/2024 19:12	53501 EVIL_T2	0	2	2	0	0.1	0.1	-1.44	-1.42	0	0	0	0	0	0
1/29/2024 19:12	47403 PENS_T1	0	12	12	0	0.16	0.16	0	0	0	0	0	0	0	0
1/29/2024 19:12	64203 KINZ_T1	0	2	2	0	0	0	-0.4	-0.39	0	0	0	0	0	0
1/29/2024 19:12	45901 AUBU_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1/29/2024 19:12	16402 MOPO_T1	0	0	0	0	0	0	0.21	0.23	0	0	0	0	0	0
1/29/2024 19:12	54001 SDLE_T1	2	4	2	0.6	0.55	-0.05	0	0	0	0	0	0	0	0
1/29/2024 19:13	41902 REED_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1/29/2024 19:13	46001 BERW_T1	0	0	0	0	0	0	0.73	0.75	0	0	0	0	0	0
1/29/2024 19:13	67002 STHI_T2	0	9	9	0	0.12	0.12	0.64	0.65	0	0	0	0	0	0
1/29/2024 19:13	40101 HUNT_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1/29/2024 19:13	45502 DERR_T2	0	1	1	0	0	0	0	0	0	0	0	0	0	0
1/29/2024 19:13	45902 AUBU_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1/29/2024 19:14	56801 BENV_T1	8	8	0	1.49	1.04	-0.45	-0.58	-0.62	0	0	0	0	0	0
1/29/2024 19:14	50103 HARR_T3	0	0	0	0	0	0	-0.79	-0.81	0	0	0	0	0	0
1/29/2024 19:14	40505 CRES_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1/29/2024 19:14	59101 WALK_T2	0	0	0	0	0	0	0.96	0.99	0	0	0	0	0	0
1/29/2024 19:14	17803 GILB_T2	4	12	8	0.1	0.18	0.08	0	0	0	0	0	0	0	0
1/29/2024 19:14	10801 CHHI_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1/29/2024 19:14	45902 AUBU_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1/29/2024 19:14	59301 MCAL_T1	2	2	0	0.8	1.05	0.25	0	0	0	0	0	0	0	0
1/29/2024 19:14	40502 CRES_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1/29/2024 19:14	45502 DERR_T2	0	1	1	0	0	0	0	0	0	0	0	0	0	0
1/29/2024 19:14	56802 BENV_T2	1	1	0	0.2	0.1	-0.1	-1.24	-1.3	0	0	0	0	0	0
1/29/2024 19:15	46203 DANV_T2	6	15	9	0.35	0.24	-0.11	-0.79	-0.78	0	0	0	0	0	0
1/29/2024 19:15	53903 HALI_T2	2	2	0	0.85	1	0.15	0	0	0	0	0	0	0	0
1/29/2024 19:15	43401 BENT_T1	0	1	1	0	0.4	0.4	0	0	0	0	0	0	0	0
1/29/2024 19:15	46004 BERW_T2	0	0	0	0	0	0	-0.47	-0.42	0	0	0	0	0	0
1/29/2024 19:15	44601 SALE_T2	0	0	0	0	0	0	-0.06	-0.03	0	0	0	0	0	0
1/29/2024 19:15	40502 CRES_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1/29/2024 19:15	56802 BENV_T2	0	1	1	0	0.1	0.1	-3.72	-3.9	0	0	0	0	0	0
1/29/2024 19:15	42601 TUSC_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1/29/2024 19:15	41902 REED_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1/29/2024 19:15	43201 MVIL_T2	0	0	0	0	0	0	-0.34	-0.32	0	0	0	0	0	0
1/29/2024 19:16	53501 EVIL_T2	2	1	-1	0.1	0.2	0.1	-1.44	-1.42	0	0	0	0	0	0
1/29/2024 19:16	46801 HEPB_T2	0	0	0	0	0	0	0.71	0.71	0	0	0	0	0	0
1/29/2024 19:16	16302 ALPA_T2	0	0	0	0	0	0	0.68	0.71	0	0	0	0	0	0
1/29/2024 19:16	46004 BERW_T2	0	0	0	0	0	0	-0.47	-0.42	0	0	0	0	0	0
1/29/2024 19:16	43801 SWIL_T1	5	2	-3	1.38	3.25	1.87	0	0	0	0	0	0	0	0
1/29/2024 19:16	40502 CRES_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1/29/2024 19:16	56802 BENV_T2	0	1	1	0	0.1	0.1	-1.24	-1.3	0	0	0	0	0	0
1/29/2024 19:16	59101 WALK_T2	0	0	0	0	0	0	0.96	0.99	0	0	0	0	0	0
1/29/2024 19:17	59101 WALK_T2	0	0	0	0	0	0	0.96	0.99	0	0	0	0	0	0
1/29/2024 19:17	43202 MVIL_T2	0	2	2	0	0.15	0.15	-0.61	-0.6	0	0	0	0	0	0
1/29/2024 19:17	56802 BENV_T2	0	1	1	0	0.1	0.1	-1.24	-1.3	0	0	0	0	0	0
1/29/2024 19:17	28604 BLYT_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1/29/2024 19:17	27502 WEIS_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1/29/2024 19:17	52501 PROG_T1	0	0	0	0	0	0	0.36	0.34	0	0	0	0	0	0
1/29/2024 19:17	45902 AUBU_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1/29/2024 19:17	15001 BLMO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1/29/2024 19:17	41902 REED_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1/29/2024 19:17	20403 ASHF_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1/29/2024 19:17	16302 ALPA_T2	0	0	0	0	0	0	0.68	0.71	0	0	0	0	0	0
1/29/2024 19:18	53901 HALI_T2	98	103	5	0.35	0.31	-0.04	0	0	0	0	0	0	0	0
1/29/2024 19:18	45902 AUBU_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1/29/2024 19:18	67001 STHI_T2	66	28	-38	0.14	0.13	-0.01	0.12	0.12	0	0	0	0	0	0
1/29/2024 19:18	40603 PIGR_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1/29/2024 19:18	56802 BENV_T2	0	1	1	0	0.1	0.1	-2.48	-2.6	0	0	0	0	0	0
1/29/2024 19:18	10705 CATA_T2	0	0	0	0	0	0	-0.8	-0.81	0	0	0	0	0	0
1/29/2024 19:18	43402 BENT_T1	0	7	7	0	0.1	0.1	-1.51	-0.88	0	0	0	0	0	0
1/29/2024 19:18	49803 UNIV_T1	0	0	0	0	0	0	-0.97	-0.98	0	0	0	0	0	0
1/29/2024 19:18	62607 ENGL_T1	0	0	0	0	0	0	-0.96	-0.96	0	0	0	0	0	0
1/29/2024 19:18	67001 STHI_T2	66	28	-38	0.14	0.13	-0.01	0.12	0.12	0	0	0	0	0	0
1/29/2024 19:18	47401 PENS_T1	0	0	0	0	0	0	0.9	0.89	0	0	0	0	0	0
1/29/2024 19:18	27502 WEIS_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1/29/2024 19:18	16302 ALPA_T2	0	0	0	0	0	0	0.68	0.71	0	0	0	0	0	0
1/29/2024 19:18	44201 POIN_T1	0	0	0	0	0	0	-1.31	-1.32	0	0	0	0	0	0
1/29/2024 19:18	41801 GOCI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1/29/2024 19:18	40502 CRES_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1/29/2024 19:19	66503 SMAN_T2	197	155	-42	0.33	0.24	-0.09	0	0	0	0	0	0	0	0
1/29/2024 19:19	64201 KINZ_T1	0	0	0	0	0	0	-0.8	-0.78	0	0	0	0	0	0
1/29/2024 19:19	47001 HUGH_T2	0	0	0	0	0	0	-0.52	-0.54	0	0	0	0	0	0
1/29/2024 19:19	64702 LITI_T2	0	0	0	0	0	0	-0.79	-0.78	0	0	0	0	0	0
1/29/2024 19:19	42201 SHEN_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1/29/2024 19:19	47802 MOCA_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1/29/2024 19:19	53901 HALI_T2	98	103	5	0.35	0.31	-0.04	-1.51	-1.52	0	0	0	0	0	0
1/29/2024 19:19	45402 WBLO_T2	0	1	1	0	0	0	-0.55	-0.57	0	0	0	0	0	0
1/29/2024 19:19	57303 MOAL_T2	1	1	0	7.2	7.4	0.2	0	0	0	0	0	0	0	0
1/29/2024 19:19	54001 SDLE_T1	4	4	0	0.43	0.55	0.12	0	0	0	0	0	0	0	0
1/29/2024 19:19	15001 BLMO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1/29/2024 19:19	45702 LIND_T2	1	1	0	0.8	0.7	-0.1	-0.51	-0.53	0	0	0	0	0	0
1/29/2024 19:19	40101 HUNT_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1/29/2024 19:19	28604 BLYT_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1/29/2024 19:19	56802 BENV_T2	0	1	1	0	0.1	0.1	-1.24	-1.3	0	0	0	0	0	0
1/29/2024 19:19	56501 ROCK_T2	0	2	2	0	0	0	-1.37	-1.33	0	0	0	0	0	0
1/29/2024 19:19	48901 FOSP_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1/29/2024 19:20	47403 PENS_T1	12	0	-12	0.16	0	-0.16	0	0	0	0	0	0	0	0
1/29/2024 19:20	53903 HALI_T2	2	2	0	0.85	1	0.15	0	0	0	0	0	0	0	0
1/29/2024 19:20	52101 MEIS_T1	1	1	0	0.9	1	0.1	0	0	0	0	0	0	0	0
1/29/2024 19:20	57401 SPAN_T1	0	0	0	0	0	0	-0.66	-0.63	0	0	0	0	0	0
1/29/2024 19:20	55002 NEWP_T1	4	6	2	0.53	0.68	0.15	-0.18	-0.2	0	0	0	0	0	0
1/29/2024 19:20	64702 LITI_T2	0	0	0	0	0	0	-0.79	-0.78	0	0	0	0	0	0
1/29/2024 19:20	56802 BENV_T2	0	1	1	0	0.1	0.1	-1.24	-1.3	0	0	0	0	0	0
1/29/2024 19:20	65901 SAKR_T2	1	1	0	8.8	8.8	0	-1.14	-1.15	0	0	0	0	0	0
1/29/2024 19:20	56501 ROCK_T2	0	2	2	0	0	0	-1.37	-1.33	0	0	0	0	0	0
1/29/2024 19:20	10805 CHHI_T2	7	8	1	2.96	2.41	-0.55	0	0	0	0	0	0	0	0
1/29/2024 19:20	43202 MVIL_T2	0	2	2	0	0.15	0.15	-0.61	-0.6	0	0	0	0	0	0
1/29/2024 19:20	13704 SCHN_T2	0	0	0	0	0	0	-0.8	-0.8	0	0	0	0	0	0
1/29/2024 19:21	60101 COCA_T1	0	0	0	0	0	0	0.37	0.46	0	0	0	0	0	0
1/29/2024 19:21	43103 SMIL_T2	1	0	-1	0.2	0	-0.2	0	0	0	0	0	0	0	0
1/29/2024 19:21	53903 HALI_T2	2	2	0	0.85	1	0.15	0	0	0	0	0	0	0	0
1/29/2024 19:21	55002 NEWP_T1	4	6	2	0.53	0.68	0.15	-0.36	-0.4	0	0	0	0	0	0
1/29/2024 19:21	67502 WEWI_T2	1	1	0	0.2	0.1	-0.1	-1.3	-1.3	0	0	0	0	0	0
1/29/2024 19:21	59101 WALK_T2	0	0	0	0	0	0	1.92	1.98	0	0	0	0	0	0
1/29/2024 19:21	51102 CARL_T1	1	2	1	0.1	0.1	0	0	0	0	0	0	0	0	0
1/29/2024 19:21	57403 SPAN_T1	0	0	0	0	0	0	0.11	0.13	0	0	0	0	0	0
1/29/2024 19:21	57403 SPAN_T1	0	0	0	0	0	0	0.11	0.13	0	0	0	0	0	0
1/29/2024 19:21	29401 BELT_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1/29/2024 19:21	67502 WEWI_T2	1	1	0	0.2	0.1	-0.1	-1.3	-1.3	0	0	0	0	0	0
1/29/2024 19:21	67001 STHI_T2	66	28	-38	0.14	0.13	-0.01	0	0	0	0	0	0	0	0
1/29/2024 19:21	16302 ALPA_T2	0	0	0	0	0	0	0.68	0.71	0	0	0	0	0	0
1/29/2024 19:21	40505 CRES_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1/29/2024 19:21	46001 BERW_T1	0	0	0	0	0	0	0.73	0.75	0	0	0	0	0	0
1/29/2024 19:21	42601 TUSC_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1/29/2024 19:22	60701 BREC_T1	0	0	0	0	0	0	-0.42	-0.43	0	0	0	0	0	0
1/29/2024 19:22	57401 SPAN_T1	0	0	0	0	0	0	-0.66	-0.63	0	0	0	0	0	0
1/29/2024 19:22	53901 HALI_T2	98	103	5	0.35	0.31	-0.04	-1.51	-1.52	0	0	0	0	0	0
1/29/2024 19:22	51107 CARL_T1	0	0	0	0	0	0	-0.18	-0.15	0	0	0	0	0	0
1/29/2024 19:22	53501 EVIL_T2	2	1	-1	0.1	0.2	0.1	-1.44	-1.42	0	0	0	0	0	0
1/29/2024 19:22	60803 BUCK_T1	0	0	0	0	0	0	-0.48	-0.49	0	0	0	0	0	0
1/29/2024 19:22	67605 WARW_T1	0	0	0	0	0	0	-0.97	-0.89	0	0	0	0	0	0
1/29/2024 19:22	45902 AUBU_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1/29/2024 19:22	57303 MOAL_T2	1	1	0	7.2	7.4	0.2	0	0	0	0	0	0	0	0
1/29/2024 19:22	67204 TEHI_T2	0	0	0	0	0	0	-0.1	-0.13	0	0	0	0	0	0
1/29/2024 19:22	40502 CRES_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1/29/2024 19:22	45402 WBLO_T2	0	1	1	0	0	0	-0.55	-0.57	0	0	0	0	0	0
1/29/2024 19:22	56801 BENV_T1	7	8	1	1.17	0.71	-0.46	-0.58	-0.62	0	0	0	0	0	0
1/29/2024 19:22	54001 SDLE_T1	4	4	0	0.43	0.55	0.12	0	0	0	0	0	0	0	0
1/29/2024 19:23	58402 MORO_T1	0	1	1	0	0	0	-0.86	-0.06	0	0	0	0	0	0
1/29/2024 19:23	64201 KINZ_T1	0	0	0	0	0	0	-0.8	-0.78	0	0	0	0	0	0
1/29/2024 19:23	67204 TEHI_T2	0	0	0	0	0	0	-0.1	-0.13	0	0	0	0	0	0
1/29/2024 19:23	61103 BERK_T5	0	0	0	0	0	0	0.08	-0.01	0	0	0	0	0	0
1/29/2024 19:23	67002 STHI_T2	8	7	-1	0.13	0.14	0.01	1.28	1.3	0	0	0	0	0	0
1/29/2024 19:23	17804 GILB_T2	0	0	0	0	0	0	-0.43	-0.44	0	0	0	0	0	0
1/29/2024 19:23	48901 FOSP_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1/29/2024 19:23	67001 STHI_T2	66	28	-38	0.14	0.13	-0.01	0.12	0.12	0	0	0	0	0	0
1/29/2024 19:23	57404 SPAN_T2	0	0	0	0	0	0	0.02	0.01	0	0	0	0	0	0
1/29/2024 19:23	40502 CRES_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1/29/2024 19:23	64702 LITI_T2	0	0	0	0	0	0	-0.79	-0.78	0	0	0	0	0	0
1/29/2024 19:23	15001 BLMO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1/29/2024 19:23	64101 REFR_T1	0	0	0	0	0	0	0.01	-0.02	0	0	0	0

1/29/2024 19:27	60101 COCA_T1	0	0	0	0	0	0	0.46	0.35	0	0	0	0	0	0
1/29/2024 19:27	67502 WEWI_T2	1	1	0	0.2	0.1	-0.1	-1.3	-1.27	0	0	0	0	0	0
1/29/2024 19:27	60801 BUCK_T1	0	0	0	0	0	0	-0.83	-0.85	0	0	0	0	0	0
1/29/2024 19:27	67602 WARW_T2	1	1	0	0	0	0	0.19	0.24	0	0	0	0	0	0
1/29/2024 19:28	67002 STHI_T2	8	7	-1	0.13	0.14	0.01	0.65	0.65	0	0	0	0	0	0
1/29/2024 19:28	50103 HARR_T3	0	0	0	0	0	0	-0.81	-0.93	0	0	0	0	0	0
1/29/2024 19:28	64101 REFR_T1	0	0	0	0	0	0	-0.02	0.01	0	0	0	0	0	0
1/29/2024 19:28	40502 CRES_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1/29/2024 19:28	67502 WEWI_T2	1	1	0	0.2	0.1	-0.1	-2.6	-2.54	0	0	0	0	0	0
1/29/2024 19:28	60803 BUCK_T1	0	0	0	0	0	0	-0.49	-0.5	0	0	0	0	0	0
1/29/2024 19:28	67605 WARW_T1	0	0	0	0	0	0	-0.89	-0.93	0	0	0	0	0	0
1/29/2024 19:28	57401 SPAN_T1	0	0	0	0	0	0	-0.63	-0.57	0	0	0	0	0	0
1/29/2024 19:28	40505 CRES_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1/29/2024 19:28	67602 WARW_T2	1	1	0	0	0	0	0.19	0.24	0	0	0	0	0	0
1/29/2024 19:29	15001 BLMO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1/29/2024 19:29	56802 BENV_T2	0	1	1	0	0.1	0.1	-1.3	-1.3	0	0	0	0	0	0
1/29/2024 19:29	67001 STHI_T2	66	28	-38	0.14	0.13	-0.01	0.12	0.16	0	0	0	0	0	0
1/29/2024 19:29	65001 NEFF_T2	1	1	0	0.1	0.1	0	-0.81	-0.8	0	0	0	0	0	0
1/29/2024 19:29	14403 SSLA_T1	0	0	0	0	0	0	0.99	0.96	0	0	0	0	0	0
1/29/2024 19:29	67502 WEWI_T2	1	1	0	0.2	0.1	-0.1	-1.3	-1.27	0	0	0	0	0	0
1/29/2024 19:29	20403 ASHF_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1/29/2024 19:29	65901 SAKR_T2	1	1	0	8.8	8	0	-1.15	-1.17	0	0	0	0	0	0
1/29/2024 19:29	57401 SPAN_T1	0	0	0	0	0	0	-0.63	-0.57	0	0	0	0	0	0
1/29/2024 19:30	61801 EEU_T2	0	0	0	0	0	0	-1.84	-1.86	0	0	0	0	0	0
1/29/2024 19:30	64101 REFR_T1	0	0	0	0	0	0	-0.02	0.01	0	0	0	0	0	0
1/29/2024 19:30	43104 SMIL_T2	0	0	0	0	0	0	-0.68	-0.66	0	0	0	0	0	0
1/29/2024 19:30	57403 SPAN_T1	0	0	0	0	0	0	0.26	0.22	0	0	0	0	0	0
1/29/2024 19:30	40502 CRES_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1/29/2024 19:30	52101 MEIS_T1	1	1	0	0.9	1	0.1	0	0	0	0	0	0	0	0
1/29/2024 19:30	47901 HRDG_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1/29/2024 19:30	67502 WEWI_T2	0	1	1	0	0.1	0.1	0	0	0	0	0	0	0	0
1/29/2024 19:30	67002 STHI_T2	6	8	2	0.1	0.14	0.04	0.65	0.65	0	0	0	0	0	0
1/29/2024 19:30	10805 CHHI_T2	7	8	1	2.41	2.68	0.27	0	0	0	0	0	0	0	0
1/29/2024 19:31	60701 BREC_T1	0	0	0	0	0	0	-0.43	-0.44	0	0	0	0	0	0
1/29/2024 19:31	55105 WERT_T1	0	0	0	0	0	0	-0.46	-0.48	0	0	0	0	0	0
1/29/2024 19:31	66504 SMAN_T2	0	9	9	0	0.1	0.1	0	0	0	0	0	0	0	0
1/29/2024 19:31	64101 REFR_T1	0	0	0	0	0	0	-0.03	0.01	0	0	0	0	0	0
1/29/2024 19:31	67502 WEWI_T2	0	1	1	0	0.1	0.1	-1.3	-1.27	0	0	0	0	0	0
1/29/2024 19:31	40502 CRES_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1/29/2024 19:31	40505 CRES_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1/29/2024 19:32	67502 WEWI_T2	0	1	1	0	0.1	0.1	0	0	0	0	0	0	0	0
1/29/2024 19:32	47903 HRDG_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1/29/2024 19:32	57403 SPAN_T1	0	0	0	0	0	0	0.13	0.11	0	0	0	0	0	0
1/29/2024 19:32	54001 SDLE_T1	4	5	1	0.5	0.38	-0.12	0	0	0	0	0	0	0	0
1/29/2024 19:32	67201 TEHI_T1	0	41	41	0	0.28	0.28	0	0	0	0	0	0	0	0
1/29/2024 19:32	62604 ENGL_T1	0	0	0	0	0	0	-0.99	-0.97	0	0	0	0	0	0
1/29/2024 19:32	60701 BREC_T1	0	0	0	0	0	0	-0.43	-0.44	0	0	0	0	0	0
1/29/2024 19:32	40502 CRES_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1/29/2024 19:32	60201 ATGL_T2	0	0	0	0	0	0	0.28	0.28	0	0	0	0	0	0
1/29/2024 19:33	67503 WEWI_T2	0	0	0	0	0	0	0.08	0.03	0	0	0	0	0	0
1/29/2024 19:33	67402 WAKE_T2	0	0	0	0	0	0	-0.36	-0.34	0	0	0	0	0	0
1/29/2024 19:34	64101 REFR_T1	0	0	0	0	0	0	-0.02	0.01	0	0	0	0	0	0
1/29/2024 19:34	66703 STRA_T1	1	1	0	0.4	0.5	0.1	-0.23	-0.23	0	0	0	0	0	0
1/29/2024 19:34	61801 EEU_T2	0	0	0	0	0	0	-0.92	-0.93	0	0	0	0	0	0
1/29/2024 19:34	60701 BREC_T1	0	0	0	0	0	0	-0.43	-0.44	0	0	0	0	0	0
1/29/2024 19:35	53901 HALI_T2	86	101	15	0.3	0.31	0.01	0	0	0	0	0	0	0	0
1/29/2024 19:35	63804 HEMP_T1	1	1	0	5.8	5.8	0	-0.79	-0.78	0	0	0	0	0	0
1/29/2024 19:36	66505 SMAN_T2	3	3	0	0.23	1.13	0.9	-0.35	-0.44	0	0	0	0	0	0
1/29/2024 19:36	64802 MONE_T2	0	0	0	0	0	0	-0.01	-0.03	0	0	0	0	0	0
1/29/2024 19:36	65901 SAKR_T2	1	1	0	8.5	8.8	0.3	0	0	0	0	0	0	0	0
1/29/2024 19:36	67605 WARW_T1	0	0	0	0	0	0	-0.89	-0.93	0	0	0	0	0	0
1/29/2024 19:38	67201 TEHI_T1	0	41	41	0	0.28	0.28	-0.43	-0.44	0	0	0	0	0	0
1/29/2024 19:39	60101 COCA_T1	0	0	0	0	0	0	0.35	0.38	0	0	0	0	0	0
1/29/2024 19:53	56501 ROCK_T2	1	1	0	0.1	0.1	0	-1.31	-1.31	0	0	0	0	0	0
1/29/2024 19:55	67605 WARW_T1	0	0	0	0	0	0	-0.99	-1	0	0	0	0	0	0
1/29/2024 19:56	67605 WARW_T1	0	0	0	0	0	0	-0.99	-1	0	0	0	0	0	0
1/29/2024 20:00	65003 NEFF_T2	0	5	5	0	0.26	0.26	0	0	0	0	0	0	0	0
1/29/2024 20:10	60701 BREC_T1	0	0	0	0	0	0	-0.44	-0.44	0	0	0	0	0	0
1/29/2024 20:15	67605 WARW_T1	0	0	0	0	0	0	-1	-1.01	0	0	0	0	0	0
1/29/2024 20:16	67605 WARW_T1	0	0	0	0	0	0	-1	-1.01	0	0	0	0	0	0
1/29/2024 20:32	65001 NEFF_T2	44	25	-19	0.12	0.12	0	-0.93	-0.85	0	0	0	0	0	0
1/29/2024 20:35	67605 WARW_T1	0	0	0	0	0	0	-1.01	-1	0	0	0	0	0	0
1/29/2024 20:36	67605 WARW_T1	0	0	0	0	0	0	-1.01	-1	0	0	0	0	0	0
1/29/2024 20:55	67605 WARW_T1	0	0	0	0	0	0	-1.01	-1	0	0	0	0	0	0
1/29/2024 20:56	67605 WARW_T1	0	0	0	0	0	0	-1.01	-1	0	0	0	0	0	0
1/29/2024 21:14	29401 BELT_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1/29/2024 21:15	67605 WARW_T1	0	0	0	0	0	0	-1	-1.02	0	0	0	0	0	0
1/29/2024 21:16	67605 WARW_T1	0	0	0	0	0	0	-1	-1.02	0	0	0	0	0	0
1/29/2024 21:29	65001 NEFF_T2	17	4	-13	0.13	0.2	0.07	-0.92	-0.93	0	0	0	0	0	0
1/29/2024 21:35	67605 WARW_T1	0	0	0	0	0	0	-1.02	-1.08	0	0	0	0	0	0
1/29/2024 21:36	67605 WARW_T1	0	0	0	0	0	0	-1.02	-1.08	0	0	0	0	0	0
1/29/2024 21:55	67605 WARW_T1	0	0	0	0	0	0	-1.06	-1.06	0	0	0	0	0	0
1/29/2024 21:56	67605 WARW_T1	0	0	0	0	0	0	-1.06	-1.06	0	0	0	0	0	0
1/29/2024 22:15	67605 WARW_T1	0	0	0	0	0	0	-1.06	-1.1	0	0	0	0	0	0
1/29/2024 22:16	67605 WARW_T1	0	0	0	0	0	0	-1.06	-1.1	0	0	0	0	0	0
1/29/2024 22:17	65001 NEFF_T2	0	1	1	0	0.1	0.1	-0.96	-1.01	0	0	0	0	0	0
1/29/2024 22:35	67605 WARW_T1	0	0	0	0	0	0	-1.1	-1.12	0	0	0	0	0	0
1/29/2024 22:36	67605 WARW_T1	0	0	0	0	0	0	-1.1	-1.12	0	0	0	0	0	0
1/29/2024 22:55	67605 WARW_T1	0	0	0	0	0	0	-1.14	-1.17	0	0	0	0	0	0
1/29/2024 22:56	67605 WARW_T1	0	0	0	0	0	0	-1.14	-1.17	0	0	0	0	0	0
1/29/2024 22:58	17002 RIRO_T2	0	0	0	0	0	0	0.36	0.35	0	0	0	0	0	0
1/29/2024 23:09	65001 NEFF_T2	0	0	0	0	0	0	-1.06	-1.11	0	0	0	0	0	0
1/29/2024 23:15	67605 WARW_T1	0	0	0	0	0	0	-1.17	-1.16	0	0	0	0	0	0
1/29/2024 23:16	67605 WARW_T1	0	0	0	0	0	0	-1.17	-1.16	0	0	0	0	0	0
1/29/2024 23:35	67605 WARW_T1	0	0	0	0	0	0	-1.16	-1.17	0	0	0	0	0	0
1/29/2024 23:36	67605 WARW_T1	0	0	0	0	0	0	-1.16	-1.17	0	0	0	0	0	0
1/29/2024 23:55	67605 WARW_T1	0	0	0	0	0	0	-1.02	-1.02	0	0	0	0	0	0
1/29/2024 23:56	67605 WARW_T1	0	0	0	0	0	0	-1.02	-1.02	0	0	0	0	0	0
1/29/2024 23:56	65001 NEFF_T2	0	74	74	0	0.14	0.14	-1.23	-1.2	0	0	0	0	0	0
1/30/2024 0:15	67605 WARW_T1	0	0	0	0	0	0	-1.02	-1.04	0	0	0	0	0	0
1/30/2024 0:16	67605 WARW_T1	0	0	0	0	0	0	-1.02	-1.04	0	0	0	0	0	0
1/30/2024 0:33	65001 NEFF_T2	13	162	149	0.15	0.16	0.01	-1.21	-1.21	0	0	0	0	0	0
1/30/2024 0:35	67605 WARW_T1	0	0	0	0	0	0	-1.04	-1.01	0	0	0	0	0	0
1/30/2024 0:36	67605 WARW_T1	0	0	0	0	0	0	-1.04	-1.01	0	0	0	0	0	0
1/30/2024 0:39	66901 SHIL_T2	0	0	0	0	0	0	-1.86	-1.87	0	0	0	0	0	0
1/30/2024 0:39	29401 BELT_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1/30/2024 0:52	24902 WHHA_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1/30/2024 0:55	67605 WARW_T1	0	2	2	0	0.2	0.2	-1.03	-1.01	0	0	0	0	0	0
1/30/2024 0:56	67605 WARW_T1	0	2	2	0	0.2	0.2	-1.03	-1.01	0	0	0	0	0	0
1/30/2024 1:10	65001 NEFF_T2	0	4	4	0	0.13	0.13	-1.24	-1.21	0	0	0	0	0	0
1/30/2024 1:15	67605 WARW_T1	2	0	-2	0.2	0	-0.2	-1.01	-1.02	0	0	0	0	0	0
1/30/2024 1:16	67605 WARW_T1	2	0	-2	0.2	0	-0.2	-1.01	-1.02	0	0	0	0	0	0
1/30/2024 1:35	67605 WARW_T1	0	2	2	0	0.2	0.2	-1.02	-1.04	0	0	0	0	0	0
1/30/2024 1:36	67605 WARW_T1	0	2	2	0	0.2	0.2	-1.02	-1.04	0	0	0	0	0	0
1/30/2024 1:55	67605 WARW_T1	0	4	4	0	0.18	0.18	-1.03	-1	0	0	0	0	0	0
1/30/2024 1:56	67605 WARW_T1	0	4	4	0	0.18	0.18	-1.03	-1	0	0	0	0	0	0
1/30/2024 3:11	65001 NEFF_T2	5	7	2	0.14	0.13	-0.01	-1.31	-1.13	0	0	0	0	0	0
1/30/2024 3:26	65001 NEFF_T2	7	0	-7	0.13	0	-0.13	-1.13	-1.21	0	0	0	0	0	0
1/30/2024 3:42	65001 NEFF_T2	3	0	-3	0	0.1	0.1	-1.21	-1.2	0	0	0	0	0	0
1/30/2024 4:35	65001 NEFF_T2	0	0	0	0	0	0	-1.17	-1.09	0	0	0	0	0	0
1/30/2024 5:37	65001 NEFF_T2	0	0	0	0	0	0	-0.97	-1.02	0	0	0	0	0	0
1/30/2024 6:51	65001 NEFF_T2	0	0	0	0	0	0	-0.6	-0.55	0	0	0	0	0	0
1/30/2024 7:07	65001 NEFF_T2	0	0	0	0	0	0	-0.55	-0.51	0	0	0	0	0	0
1/30/2024 7:28	65001 NEFF_T2	0	0	0	0	0	0	-0.55	-0.43	0	0	0	0	0	0
1/30/2024 7:53	46203 DANV_T2	0	7	7	0	0.21	0.21	0	0	0	0	0	0	0	0
1/30/2024 7:55	46203 DANV_T2	0	7	7	0	0.21	0.21	-1.66	-0.81	0	0	0	0	0	0
1/30/2024 7:55	46203 DANV_T2	0	7	7	0	0.21	0.21	-1.66	-0.81	0	0	0	0	0	0
1/30/2024 7:56	45502 DERR_T2	1	2	1	0.6	0.5	-0.1	0	0	0	0	0	0	0	0
1/30/2024 7:59	65001 NEFF_T2	0	0	0	0	0	0	-0.37	-0.31	0	0	0	0	0	0
1/30/2024 7:59	53903 HALI_T2	2	2	0	1.05	1.3	0.25	0	0	0	0	0	0	0	0
1/30/2024 8:01	53903 HALI_T2	2	2	0	0.9	1.3	0.4	0	0	0	0	0	0	0	0
1/30/2024 8:06	43402 BENT_T1	0	1	1	0	0	0	-1.51	-0.87	0	0	0	0	0	0
1/30/2024 8:08	45502 DERR_T2	2	3	1	0.85	0.3	-0.55	0	0	0	0	0	0	0	0
1/30/2024 8:09	43402 BENT_T1	0	1	1	0	0	0	-0.87	-0.88	0	0	0	0	0	0
1/30/2024 8:10	46204 DANV_T2	2	0	-2	0.2	0	-0.2	0	0	0	0	0	0	0	0
1/30/2024 8:11	46204 DANV_T2	2	0	-2	0.2	0	-0.2	0	0	0	0	0	0	0	0
1/30/2024 8:12	46203 DANV_T2	5	12	7	0.22	0.22	0	-0.81	-0.83	0	0	0	0	0	0
1/30/2024 8:16	40101 HUNT_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1/30/2024 8:20	65001 NEFF_T2	0	0	0	0	0	0	-0.31	-0.44	0	0	0	0	0	0
1/30/2024 8:23	46203 DANV_T2	7	11	4	0.19	0.22	0.03	-0.83	-0.81	0	0	0	0	0	0
1/30/2024 8:27	46206 DANV_T2	1	1	0	0.1	0.1	0	0	0	0	0	0	0	0	0
1/30/2024 8:33	49803 UNIV_T1	0	0	0	0	0	0	-0.84	-0.87	0	0	0	0	0	0
1/30/2024 8:33	55002 NEWP_T1	6	6	0	0.92	1.13	0.21	-0.18	-0.2	0	0	0	0	0	0
1/30/2024 8:37	56802 BENV_T2	13	44	31	0.18	0.22	0.04	-1.33	-1.33	0	0	0	0	0	0
1/30/2024 8:38	43402 BENT_T1	1	0	-1	0.2	0	-0.2	-0.87	-1.49	0	0	0	0	0	0
1/30/2024 8:39	46206 DANV_T2	1	1	0	0.2	0.1	-0.1	2.71	2.71	0	0	0	0	0	0
1/30/2024 8:40	56802 BENV_T2	13	44	31	0.18	0.22	0.04	-1.33	-1.36	0	0	0	0	0	0
1/30/2024 8:41	43402 BENT_T1	1	0	-1	0.2	0	-0.2	-0.87	-1.49	0	0	0	0	0	0
1/30/2024 9:00	42001 MNVL_T2	0	0	0	0	0	0	0.12	0.1	0	0	0	0	0	0
1/30/2024 9:00	60803 BUCK_T1	0	1	1	0	0.1	0.1	0	0	0	0	0	0	0	0
1/30/2024 9:00	43001 ALWD_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1/30/2024 9:00	55002 NEWP_T1	6	6	0	1.12	1.05	-0.07	-1	-0.9	0	0	0	0	0	0
1/30/2024 9:00	16101 BING_T2	51	74	23	0.26	0.43	0.17	-0.44	-0.44	0	0	0	0	0	0
1/30/2024 9:00	40502 CRES_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1/30/2024 9:00	47101 MARL_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1/30/2024 9:00	41902 REED_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1/30/2024 9:00	53501 EVIL_T2	9	9	0	0.61	1.46	0.85	-1.08	-1.12	0	0	0	0	0	0
1/30/2024 9:00	53901 HALI_T2	132	147	15	0.46	0.79	0.33	0	0	0	0	0	0	0	0
1/30/2024 9:00	59102 WALK_T2	0	0	0	0	0	0	-0.22	-0.3	0	0	0	0	0	0
1/30/2024 9:00	44201 POIN_T1	0	0	0	0	0	0	-1.54	-2.07	0	0	0	0	0	0
1/30/2024 9:00	67001 STHI_T2	9	10	1	0.14	0.2	0.06	0.32	0.3	0	0	0	0	0	0
1/30/2024 9:00	23401 HONE_T2	0	0	0	0	0	0	-0.16	-0.18	0	0	0	0	0	0
1/30/2024 9:00	46004 BERW_T2	0	0	0	0	0	0	-0.11	-0.14	0	0	0	0	0	0
1/30/2024 9:00	43304 WATS_T2	1	0	-1	0.4	0	-0.4	-0.21	-0.23	0	0	0	0	0	0
1/30/2024 9:00	65001 NEFF_T2	0	0	0	0	0	0	-0.36	-0.33	0	0	0	0	0	0
1/30/2024 9:00	67503 WEWI_T2	0	0	0	0	0	0	-0.01	-0.02	0	0	0	0	0	0
1/30/2024 9:01	54206 PENN_T2	1	3	2	0.1	0.17	0.07	0	0	0	0	0	0	0	0
1/30/2024 9:01	17002 RIRO_T2	0	2	2	0	0.1	0.1	0.67	0.7	0	0	0	0	0	0
1/30/2024 9:02	41801 GOCI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1/30/2024 9:02	65901 SAKR_T2	1	1	0	8.7	8.9	0.2	-0.9	-0.87	0	0	0	0	0	0
1/30/2024 9:07	27502 WEIS_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1/30/2024 9:07	43001 ALWD_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1/30/2024 9:07	45501 DERR_T2	1	1	0	0	0	0	0.72	0.85	0	0	0	0	0	0
1/30/2024 9:07	67503 WEWI_T2	0	0	0	0	0	0	-0.01	-0.02	0	0	0	0	0	0
1/30/2024 9:08	60701 BREC_T1	1	1	0	0.9	0	-0.9	-0.26	-0.45	0	0	0	0	0	0
1/30/2024 9:08	42903 MIDD_T2	0	0	0	0	0	0	0.92	0.81	0	0	0	0	0	0
1/30/2024 9:08	67001 STHI_T2	9	10	1	0.14	0.2	0.06	0.16	0.15	0	0	0	0	0	0
1/30/2024 9:08	46204 DANV_T2	1	0	-1	0.6	0	-0.6	0	0	0	0	0	0	0	0
1/30/2024 9:08	60101 COCA_T1	0	0	0	0	0	0	0.41	0.47	0	0	0	0	0	0
1/30/2024 9:08	67402 WAKE_T2	0	0	0	0	0	0	0.48	0.49	0	0	0	0	0	0

1/30/2024 9:46	43202 MVIL_T2	2	0	-2	0.1	0	-0.1	-0.49	-0.53	0	0	0	0	0	0
1/30/2024 9:47	64101 REFR_T1	0	0	0	0	0	0	-0.01	0.02	0	0	0	0	0	0
1/30/2024 9:48	64101 REFR_T1	0	0	0	0	0	0	-0.01	0.03	0	0	0	0	0	0
1/30/2024 9:48	43202 MVIL_T2	2	0	-2	0.1	0	-0.1	-0.49	-0.53	0	0	0	0	0	0
1/30/2024 9:48	11104 EGYP_T1	0	0	0	0	0	0	0.38	0.33	0	0	0	0	0	0
1/30/2024 9:48	46702 RENO_T1	0	0	0	0	0	0	-0.12	-0.13	0	0	0	0	0	0
1/30/2024 9:48	41902 REED_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1/30/2024 9:49	46302 ROHR_T1	4	4	0	1.7	1.48	-0.22	0.23	0.21	0	0	0	0	0	0
1/30/2024 9:50	66504 SMAN_T2	1	0	-1	0.1	0	-0.1	-1.16	-1.14	0	0	0	0	0	0
1/30/2024 9:50	67502 WEWI_T2	0	0	0	0	0	0	-1.02	-1.02	0	0	0	0	0	0
1/30/2024 9:50	46302 ROHR_T1	4	4	0	1.7	1.48	-0.22	0.23	0.21	0	0	0	0	0	0
1/30/2024 9:51	43304 WATS_T2	0	0	0	0	0	0	-0.22	-0.25	0	0	0	0	0	0
1/30/2024 9:51	43402 BENT_T1	0	0	0	0	0	0	-0.86	-0.86	0	0	0	0	0	0
1/30/2024 9:51	41902 REED_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1/30/2024 9:51	64101 REFR_T1	0	0	0	0	0	0	-0.01	0.03	0	0	0	0	0	0
1/30/2024 9:52	29402 BELT_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1/30/2024 9:52	47403 PENS_T1	0	1	1	0	2.2	2.2	0	0	0	0	0	0	0	0
1/30/2024 9:52	64101 REFR_T1	0	0	0	0	0	0	-0.02	0.05	0	0	0	0	0	0
1/30/2024 9:52	67402 WAKE_T2	0	0	0	0	0	0	0.46	0.49	0	0	0	0	0	0
1/30/2024 9:52	66503 SMAN_T2	20	2	-18	0.13	0.1	-0.03	0	0	0	0	0	0	0	0
1/30/2024 9:52	20403 ASHF_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1/30/2024 9:53	43304 WATS_T2	0	0	0	0	0	0	-0.25	-0.27	0	0	0	0	0	0
1/30/2024 9:53	67503 WEWI_T2	0	0	0	0	0	0	-0.01	0.01	0	0	0	0	0	0
1/30/2024 9:53	64101 REFR_T1	0	0	0	0	0	0	-0.01	0.02	0	0	0	0	0	0
1/30/2024 9:54	40502 CRES_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1/30/2024 9:54	56802 BENV_T2	102	28	-74	0.23	0.25	0.02	-2.6	-2.62	0	0	0	0	0	0
1/30/2024 9:54	43402 BENT_T1	0	0	0	0	0	0	-0.86	-0.88	0	0	0	0	0	0
1/30/2024 9:56	56802 BENV_T2	102	28	-74	0.23	0.25	0.02	-1.3	-1.31	0	0	0	0	0	0
1/30/2024 9:56	20403 ASHF_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1/30/2024 9:58	54502 ENOL_T2	1	1	0	0.2	0.2	0	0	0	0	0	0	0	0	0
1/30/2024 10:00	64702 LITI_T2	0	0	0	0	0	0	-0.6	-0.8	0	0	0	0	0	0
1/30/2024 10:01	64702 LITI_T2	0	0	0	0	0	0	-0.6	-0.8	0	0	0	0	0	0
1/30/2024 10:02	43201 MVIL_T2	0	0	0	0	0	0	-0.2	-0.21	0	0	0	0	0	0
1/30/2024 10:02	40101 HUNT_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1/30/2024 10:02	59301 MCAL_T1	2	2	0	0.4	0.25	-0.15	-1.74	-1.78	0	0	0	0	0	0
1/30/2024 10:02	40902 JESH_T1	0	0	0	0	0	0	-1.09	-1.13	0	0	0	0	0	0
1/30/2024 10:02	64702 LITI_T2	0	0	0	0	0	0	-0.6	-0.8	0	0	0	0	0	0
1/30/2024 10:04	57403 SPAN_T1	5	0	-5	0.14	0	-0.14	0	0	0	0	0	0	0	0
1/30/2024 10:04	67203 TEHI_T1	1	2	1	0.2	0.2	0	0	0	0	0	0	0	0	0
1/30/2024 10:06	67402 WAKE_T2	0	0	0	0	0	0	0.49	0.45	0	0	0	0	0	0
1/30/2024 10:06	40603 PIGR_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1/30/2024 10:06	14402 SSLA_T1	0	1	1	0	0.4	0.4	0	0	0	0	0	0	0	0
1/30/2024 10:07	57403 SPAN_T1	5	0	-5	0.14	0	-0.14	0	0	0	0	0	0	0	0
1/30/2024 10:07	65901 SAKR_T2	1	1	0	9	8.8	-0.2	-0.93	-1.04	0	0	0	0	0	0
1/30/2024 10:08	57401 SPAN_T1	3	2	-1	0.67	0.55	-0.12	-1	-1	0	0	0	0	0	0
1/30/2024 10:09	56802 BENV_T2	24	25	1	0.26	0.26	0	-1.31	-1.28	0	0	0	0	0	0
1/30/2024 10:09	60801 BUCK_T1	0	0	0	0	0	0	-0.49	-0.5	0	0	0	0	0	0
1/30/2024 10:09	57403 SPAN_T1	5	0	-5	0.14	0	-0.14	0	0	0	0	0	0	0	0
1/30/2024 10:09	67201 TEHI_T1	4	1	-3	0.25	0	-0.25	0	0	0	0	0	0	0	0
1/30/2024 10:10	56802 BENV_T2	24	25	1	0.26	0.26	0	-1.31	-1.28	0	0	0	0	0	0
1/30/2024 10:10	53502 EVIL_T2	1	1	0	2.4	0	-2.4	0	0	0	0	0	0	0	0
1/30/2024 10:11	17805 GILB_T2	0	0	0	0	0	0	0.23	0.24	0	0	0	0	0	0
1/30/2024 10:11	67402 WAKE_T2	0	0	0	0	0	0	0.45	0.47	0	0	0	0	0	0
1/30/2024 10:12	53502 EVIL_T2	1	1	0	2.4	0	-2.4	0	0	0	0	0	0	0	0
1/30/2024 10:12	56802 BENV_T2	24	25	1	0.26	0.26	0	-2.62	-2.56	0	0	0	0	0	0
1/30/2024 10:12	27101 GFLD_T2	0	0	0	0	0	0	0.27	0.26	0	0	0	0	0	0
1/30/2024 10:13	53502 EVIL_T2	1	1	0	2.4	0	-2.4	0	0	0	0	0	0	0	0
1/30/2024 10:15	17805 GILB_T2	0	0	0	0	0	0	0.23	0.24	0	0	0	0	0	0
1/30/2024 10:15	53501 EVIL_T2	3	2	-1	0.13	0.3	0.17	-0.87	-0.78	0	0	0	0	0	0
1/30/2024 10:15	57303 MOAL_T2	1	1	0	7.1	7.2	0.1	0	0	0	0	0	0	0	0
1/30/2024 10:16	58402 MORO_T1	0	0	0	0	0	0	-0.9	-0.89	0	0	0	0	0	0
1/30/2024 10:17	64101 REFR_T1	0	0	0	0	0	0	-0.02	-0.01	0	0	0	0	0	0
1/30/2024 10:17	57304 MOAL_T2	0	1	1	0	0.1	0.1	-0.32	-0.28	0	0	0	0	0	0
1/30/2024 10:17	56501 ROCK_T2	1	1	0	0.1	0	-0.1	-1.39	-1.42	0	0	0	0	0	0
1/30/2024 10:17	58402 MORO_T1	0	0	0	0	0	0	-0.9	-0.89	0	0	0	0	0	0
1/30/2024 10:18	56501 ROCK_T2	1	1	0	0.1	0	-0.1	-1.39	-1.42	0	0	0	0	0	0
1/30/2024 10:18	64101 REFR_T1	0	0	0	0	0	0	-0.03	-0.01	0	0	0	0	0	0
1/30/2024 10:19	64101 REFR_T1	0	0	0	0	0	0	-0.02	-0.01	0	0	0	0	0	0
1/30/2024 10:20	64101 REFR_T1	0	0	0	0	0	0	-0.05	-0.02	0	0	0	0	0	0
1/30/2024 10:21	67502 WEWI_T2	0	0	0	0	0	0	-2.06	-2.01	0	0	0	0	0	0
1/30/2024 10:21	58402 MORO_T1	0	0	0	0	0	0	-0.9	-0.89	0	0	0	0	0	0
1/30/2024 10:21	57401 SPAN_T1	2	2	0	0.55	0.55	0	-1	-0.96	0	0	0	0	0	0
1/30/2024 10:23	45501 DERR_T2	1	3	2	0	0.2	0.2	0.72	0.74	0	0	0	0	0	0
1/30/2024 10:23	10805 CHNI_T2	6	7	1	1.72	1.5	-0.22	0	0	0	0	0	0	0	0
1/30/2024 10:23	67502 WEWI_T2	0	0	0	0	0	0	-1.03	-1	0	0	0	0	0	0
1/30/2024 10:24	57401 SPAN_T1	2	2	0	0.55	0.55	0	-0.96	-0.98	0	0	0	0	0	0
1/30/2024 10:25	40502 CRES_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1/30/2024 10:26	53601 DALM_T2	0	0	0	0	0	0	-0.5	-0.52	0	0	0	0	0	0
1/30/2024 10:27	46204 DANV_T2	2	1	-1	0.3	0.6	0.3	0	0	0	0	0	0	0	0
1/30/2024 10:27	10805 CHNI_T2	6	7	1	1.72	1.5	-0.22	0	0	0	0	0	0	0	0
1/30/2024 10:27	53901 HALI_T2	97	51	-46	0.34	0.21	-0.13	-1.46	-1.45	0	0	0	0	0	0
1/30/2024 10:27	16402 MOPO_T1	0	82	82	0	0	0	0.28	0.29	0	0	0	0	0	0
1/30/2024 10:27	45501 DERR_T2	1	3	2	0	0.2	0.2	0.72	0.74	0	0	0	0	0	0
1/30/2024 10:29	16402 MOPO_T1	0	82	82	0	0	0	0.28	0.29	0	0	0	0	0	0
1/30/2024 10:29	53903 HALI_T2	2	2	0	1	1.2	0.2	0	0	0	0	0	0	0	0
1/30/2024 10:30	53903 HALI_T2	2	2	0	0.8	1.2	0.4	0	0	0	0	0	0	0	0
1/30/2024 10:31	47403 PENS_T1	0	0	0	0	0	0	-0.23	-0.31	0	0	0	0	0	0
1/30/2024 10:32	47403 PENS_T1	1	1	0	2.3	2.3	0	0	0	0	0	0	0	0	0
1/30/2024 10:32	53901 HALI_T2	47	70	23	0.21	0.25	0.04	-1.46	-1.45	0	0	0	0	0	0
1/30/2024 10:33	64101 REFR_T1	0	0	0	0	0	0	-0.01	-0.01	0	0	0	0	0	0
1/30/2024 10:33	59003 MIFF_T1	0	0	0	0	0	0	-1.47	-1.44	0	0	0	0	0	0
1/30/2024 10:34	55002 NEWP_T1	5	5	0	0.58	0.46	-0.12	-0.2	-0.17	0	0	0	0	0	0
1/30/2024 10:34	47401 PENS_T1	0	0	0	0	0	0	-0.45	-0.63	0	0	0	0	0	0
1/30/2024 10:34	64101 REFR_T1	0	0	0	0	0	0	-0.02	-0.02	0	0	0	0	0	0
1/30/2024 10:35	64101 REFR_T1	0	0	0	0	0	0	-0.01	-0.01	0	0	0	0	0	0
1/30/2024 10:37	20403 ASHF_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1/30/2024 10:37	67402 WAKE_T2	0	0	0	0	0	0	0.47	0.45	0	0	0	0	0	0
1/30/2024 10:37	46001 BERW_T1	0	0	0	0	0	0	0.88	0.84	0	0	0	0	0	0
1/30/2024 10:38	14402 SSLA_T1	1	1	0	0.4	0	-0.4	0	0	0	0	0	0	0	0
1/30/2024 10:39	46203 DANV_T2	9	38	29	0.21	0.33	0.12	-0.82	-0.82	0	0	0	0	0	0
1/30/2024 10:39	43001 ALWD_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1/30/2024 10:40	42701 AUGU_T1	0	2	2	0	0	0	0	0	0	0	0	0	0	0
1/30/2024 10:40	46001 BERW_T1	0	0	0	0	0	0	0.84	0.83	0	0	0	0	0	0
1/30/2024 10:40	54504 ENOL_T2	0	0	0	0	0	0	-0.96	-0.95	0	0	0	0	0	0
1/30/2024 10:40	67503 WEWI_T2	0	0	0	0	0	0	-0.03	0.04	0	0	0	0	0	0
1/30/2024 10:42	46204 DANV_T2	1	1	0	0.6	0	-0.6	0	0	0	0	0	0	0	0
1/30/2024 10:42	67402 WAKE_T2	0	0	0	0	0	0	0.45	0.46	0	0	0	0	0	0
1/30/2024 10:43	10801 CHNI_T1	0	1	1	0	0	0	0	0	0	0	0	0	0	0
1/30/2024 10:43	46203 DANV_T2	9	38	29	0.21	0.33	0.12	-0.82	-0.82	0	0	0	0	0	0
1/30/2024 10:44	54505 ENOL_T2	1	1	0	0.4	0.5	0.1	-1.17	-1.16	0	0	0	0	0	0
1/30/2024 10:45	17802 GILB_T1	1	0	-1	0.2	0	-0.2	0.18	0.2	0	0	0	0	0	0
1/30/2024 10:46	46801 HEPB_T2	0	0	0	0	0	0	0.69	0.71	0	0	0	0	0	0
1/30/2024 10:47	48302 ORWI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1/30/2024 10:48	64203 KINZ_T1	3	3	0	0.3	0.6	0.3	0	0	0	0	0	0	0	0
1/30/2024 10:49	67001 STHI_T2	1	1	0	0.6	0.6	0	0.14	0.12	0	0	0	0	0	0
1/30/2024 10:49	64101 REFR_T1	0	0	0	0	0	0	-0.01	0.02	0	0	0	0	0	0
1/30/2024 10:50	64101 REFR_T1	0	0	0	0	0	0	-0.02	0.05	0	0	0	0	0	0
1/30/2024 10:50	55002 NEWP_T1	5	5	0	0.4	0.6	0.2	-0.17	-0.19	0	0	0	0	0	0
1/30/2024 10:51	64101 REFR_T1	0	0	0	0	0	0	-0.02	0.05	0	0	0	0	0	0
1/30/2024 10:52	67001 STHI_T2	1	1	0	0.6	0.6	0	0.14	0.12	0	0	0	0	0	0
1/30/2024 10:53	67001 STHI_T2	1	1	0	0.6	0.6	0	0.14	0.12	0	0	0	0	0	0
1/30/2024 10:53	45402 WILO_T2	0	2	2	0	0.2	0.2	-0.62	-0.62	0	0	0	0	0	0
1/30/2024 10:53	67402 WAKE_T2	0	0	0	0	0	0	0.45	0.46	0	0	0	0	0	0
1/30/2024 10:53	29401 BELT_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1/30/2024 10:54	29401 BELT_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1/30/2024 10:54	46206 DANV_T2	3	1	-2	0.2	0.1	-0.1	0	0	0	0	0	0	0	0
1/30/2024 10:55	46206 DANV_T2	3	1	-2	0.2	0.1	-0.1	0	0	0	0	0	0	0	0
1/30/2024 10:55	29401 BELT_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1/30/2024 10:55	46004 BERW_T2	2	2	0	0.75	0	-0.75	-0.17	-0.13	0	0	0	0	0	0
1/30/2024 10:56	40502 CRES_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1/30/2024 10:56	46004 BERW_T2	2	2	0	0.75	0	-0.75	-0.17	-0.13	0	0	0	0	0	0
1/30/2024 10:58	46203 DANV_T2	12	63	51	0.25	0.33	0.08	-0.82	-0.86	0	0	0	0	0	0
1/30/2024 10:58	67402 WAKE_T2	0	0	0	0	0	0	0.46	0.45	0	0	0	0	0	0
1/30/2024 10:58	54505 ENOL_T2	1	1	0	0.4	0.5	0.1	0	0	0	0	0	0	0	0
1/30/2024 10:58	40101 HUNT_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1/30/2024 10:59	45702 LIND_T2	1	1	0	0.2	0.4	0.2	-0.3	-0.34	0	0	0	0	0	0
1/30/2024 11:00	64201 KINZ_T1	0	0	0	0	0	0	-0.07	0.03	0	0	0	0	0	0
1/30/2024 11:00	45802 HEGI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1/30/2024 11:02	64202 KINZ_T1	3	3	0	0.6	0.43	-0.17	0	0	0	0	0	0	0	0
1/30/2024 11:04	47802 MOCA_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1/30/2024 11:04	64101 REFR_T1	0	0	0	0	0	0	0.02	-0.02	0	0	0	0	0	0
1/30/2024 11:05	57403 SPAN_T1	0	4	4	0	0.13	0.13	0.15	0.17	0	0	0	0	0	0
1/30/2024 11:05	64101 REFR_T1	0	0	0	0	0	0	0.02	-0.02	0	0	0	0	0	0
1/30/2024 11:06	64101 REFR_T1	0	0	0	0	0	0	0.03	-0.03	0	0	0	0	0	0
1/30/2024 11:06	16302 ALPA_T2	0	0	0	0	0	0	1.69	1.62	0	0	0	0	0	0
1/30/2024 11:06	57401 SPAN_T1	2	4	2	0.45	0.5	0.05	0	0	0	0	0	0	0	0
1/30/2024 11:06	55002 NEWP_T1	5	6	1	0.4	0.7	0.3	-0.19	-0.19	0	0	0	0	0	0
1/30/2024 11:06	59101 WALK_T2	0	0	0	0	0	0	1.86	2.02	0	0	0	0	0	0
1/30/2024 11:06	13905 SEID_T1	0	0	0	0	0	0	-0.92	-0.91	0	0	0	0	0	0
1/30/2024 11:07	16302 ALPA_T2	0	0	0	0	0	0	1.69	1.62	0	0	0	0	0	0
1/30/2024 11:07	59101 WALK_T2	0	0	0	0	0	0	1.86	2.02	0	0	0	0	0	0
1/30/2024 11:07	64101 REFR_T1	0	0	0	0	0	0	0.05	-0.05	0	0	0	0	0	0
1/30/2024 11:08	64101 REFR_T1	0	0	0	0	0	0	0.02	-0.02	0	0	0	0	0	0
1/30/2024 11:08	59101 WALK_T2	0	0	0	0	0	0	1.86	2.02	0	0	0	0	0	0
1/30/2024 11:08	66703 STRA_T1	4	4	0	0.15	0.23	0.08	0	-0.01	0	0	0	0	0	0
1/30/2024 11:08	56802 BENV_T2	10	56	46	0.24	0.25	0.01	-1.28	-1.28	0	0	0	0	0	0
1/30/2024 11:08	56801 BENV_T1	22	30	8	0.88	0.77	-0.11	-0.64	-0.64	0	0	0	0	0	0
1/30/2024 11:08	27502 WEIS_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1/30/2024 11:09	64101 REFR_T1	0	0	0	0	0	0	-0.02	-0.02	0	0	0	0	0	0
1/30/2024 11:09	56801 BENV_T1	22	30	8	0.88	0.77	-0.11	-0.64	-0.63	0	0	0	0	0	0
1/30/2024 11:09	67402 WAKE_T2	0	0	0	0	0	0	0.45	0.44	0	0	0	0	0	0
1/30/2024 11:11	62604 ENGL_T1	0	0	0	0	0	0	-0.37	-0.78	0	0	0	0	0	0
1/30/2024 11:11	56802 BENV_T2	10	56	46	0.24	0.25	0.01	-2.56	-2.6	0	0	0	0	0	0
1/30/2024 11:12	43001 ALWD_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1/30/2024 11:13	62604 ENGL_T1	0	0	0	0	0	0	-0.19	-0.39	0	0	0	0	0	0
1/30/2024 11:14	67402 WAKE_T2	0	0	0	0	0	0	0.45	0.44	0	0	0	0	0	0
1/30/2024 11:15	16101 BING_T2	96	94	-2	0.55	0.62	0.07	-0.45	-0.47	0	0	0	0	0	0
1/30/2024 11:15	62604 ENGL_T1	0	0	0	0	0	0	-0.19	-0.39	0	0	0	0	0	0
1/30/2024 11:16	53901 HALI_T2	73	143	70	0.25	0.56	0.31	-1.44	-1.46	0	0	0	0	0	0
1/30/2024 11:16	44201 POIN_T1	0	0	0	0	0	0	-0.92	-1.2	0	0	0	0	0	0
1/30/2024 11:16	55002 NEWP_T1	4	6	2	0.68	0.98	0.3	-0.19	-0.19	0	0	0	0	0	0
1/30/2024 11:17	13501 MCMI_T1	0	0	0	0	0	0	-0.33	-0.34	0	0	0	0	0	0
1/30/2024 11:17	55002 NEWP_T1	4	6	2	0.68	0.98	0.3	-0.19	-0.19	0	0	0	0	0	0
1/30/2024 11:18	60503 NMAN_T2	3	3	0	3.03	4.47	1.44	0	0	0	0	0	0	0	0
1/30/2024 11:18	44201 POIN_T1	0	0	0	0	0	0	-0.92	-1.2	0	0	0	0	0	0
1/30/2024 11:20	40602 PIGR_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1/30/2024 11:20	64101 REFR_T1	0	0	0	0	0	0	-0.02	-0.02	0	0	0	0	0	0
1/30/2024 11:21	44601 SALE_T2	0	0	0	0	0	0	0.76	0.76	0	0	0	0	0	0
1/30/2024 11:21	40602 PIGR_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1/30/2024 11:21	67503 WEWI_T2	0	0	0	0	0	0	0.04	0.07	0	0

Appendix C - Grid Benefits Achieved in Each Instance of Active Management

1/30/2024 11:36	53903 HAU_T2	2	2	0	1.1	1.3	0.2	-0.12	-0.1	0	0	0	0	0	0
1/30/2024 11:36	55002 NEWP_T1	6	6	0	0.7	0.98	0.28	-0.19	-0.19	0	0	0	0	0	0
1/30/2024 11:37	57403 SPAN_T1	4	16	12	0.13	0.26	0.13	0.31	0.33	0	0	0	0	0	0
1/30/2024 11:37	57403 SPAN_T2	4	16	12	0.13	0.26	0.13	0.31	0.33	0	0	0	0	0	0
1/30/2024 11:37	67402 WAKE_T2	0	0	0	0	0	0	0.44	0.44	0	0	0	0	0	0
1/30/2024 11:37	47401 PENS_T1	0	0	0	0	0	0	-0.53	-0.61	0	0	0	0	0	0
1/30/2024 11:37	54203 PENN_T1	232	360	128	0.27	0.29	0.02	0	0	0	0	0	0	0	0
1/30/2024 11:37	60803 BUCK_T1	3	11	8	0.1	0.25	0.15	-1.18	-1.17	0	0	0	0	0	0
1/30/2024 11:38	57401 SPAN_T1	4	13	9	0.5	0.3	-0.2	-1.85	-1.98	0	0	0	0	0	0
1/30/2024 11:38	15701 TANN_T1	1	1	0	4.2	4.2	0	0	0	0	0	0	0	0	0
1/30/2024 11:38	67002 STHI_T2	0	1	1	0	0.1	0.1	0.67	0.67	0	0	0	0	0	0
1/30/2024 11:38	57403 SPAN_T1	4	16	12	0.13	0.26	0.13	0.15	0.16	0	0	0	0	0	0
1/30/2024 11:38	60801 BUCK_T1	0	0	0	0	0	0	-0.53	-0.55	0	0	0	0	0	0
1/30/2024 11:39	57401 SPAN_T1	4	13	9	0.5	0.3	-0.2	-0.99	-0.98	0	0	0	0	0	0
1/30/2024 11:39	67001 STHI_T2	2	7	5	0.4	0.24	-0.16	0	0	0	0	0	0	0	0
1/30/2024 11:39	57404 SPAN_T2	0	0	0	0	0	0	0.37	0.34	0	0	0	0	0	0
1/30/2024 11:40	67002 STHI_T2	0	1	1	0	0.1	0.1	1.34	1.34	0	0	0	0	0	0
1/30/2024 11:40	60803 BUCK_T1	3	11	8	0.1	0.25	0.15	-1.17	-1.18	0	0	0	0	0	0
1/30/2024 11:40	28604 BLYT_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1/30/2024 11:40	67402 WAKE_T2	0	0	0	0	0	0	0.44	0.43	0	0	0	0	0	0
1/30/2024 11:40	67605 WARW_T1	1	1	0	0.1	0.2	0.1	-1	-1.05	0	0	0	0	0	0
1/30/2024 11:41	60803 BUCK_T1	3	11	8	0.1	0.25	0.15	-1.17	-1.18	0	0	0	0	0	0
1/30/2024 11:41	62604 ENGL_T1	0	0	0	0	0	0	-0.36	-0.25	0	0	0	0	0	0
1/30/2024 11:42	17802 GILB_T1	0	0	0	0	0	0	0.34	0.32	0	0	0	0	0	0
1/30/2024 11:42	62604 ENGL_T1	0	0	0	0	0	0	-0.36	-0.25	0	0	0	0	0	0
1/30/2024 11:43	62604 ENGL_T1	0	0	0	0	0	0	-0.36	-0.25	0	0	0	0	0	0
1/30/2024 11:44	17805 GILB_T2	0	0	0	0	0	0	0.2	0.17	0	0	0	0	0	0
1/30/2024 11:45	17805 GILB_T2	0	0	0	0	0	0	0.2	0.17	0	0	0	0	0	0
1/30/2024 11:45	62604 ENGL_T1	0	0	0	0	0	0	-0.36	-0.25	0	0	0	0	0	0
1/30/2024 11:49	47403 PENS_T1	0	1	1	0	2	2	0	0	0	0	0	0	0	0
1/30/2024 11:50	47403 PENS_T1	0	1	1	0	2	2	0	0	0	0	0	0	0	0
1/30/2024 11:50	40603 PIGR_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1/30/2024 11:51	67402 WAKE_T2	0	0	0	0	0	0	0.44	0.43	0	0	0	0	0	0
1/30/2024 11:52	56501 ROCK_T2	5	6	1	0.1	0.18	0.08	-1.38	-1.42	0	0	0	0	0	0
1/30/2024 11:55	47403 PENS_T1	0	1	1	0	2	2	0	0	0	0	0	0	0	0
1/30/2024 11:56	44301 BEAV_T2	0	0	0	0	0	0	0.37	-0.52	0	0	0	0	0	0
1/30/2024 11:56	40101 HUNT_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1/30/2024 11:59	54502 ENOL_T2	1	1	0	0.2	0.3	0.1	0	0	0	0	0	0	0	0
1/30/2024 11:59	57401 SPAN_T1	6	14	8	0.35	0.31	-0.04	-0.98	-1.02	0	0	0	0	0	0
1/30/2024 11:59	48302 ORWI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1/30/2024 11:59	47403 PENS_T1	0	1	1	0	2	2	0	0	0	0	0	0	0	0
1/30/2024 11:59	49803 UNIV_T1	0	0	0	0	0	0	-0.95	-0.98	0	0	0	0	0	0
1/30/2024 12:00	62604 ENGL_T1	0	0	0	0	0	0	-0.25	-0.44	0	0	0	0	0	0
1/30/2024 12:00	59003 MIFF_T1	0	0	0	0	0	0	-0.62	-0.66	0	0	0	0	0	0
1/30/2024 12:01	56501 ROCK_T2	4	5	1	0.13	0.18	0.05	-1.42	-1.39	0	0	0	0	0	0
1/30/2024 12:01	67402 WAKE_T2	0	0	0	0	0	0	0.86	0.94	0	0	0	0	0	0
1/30/2024 12:01	61303 EARL_T1	0	0	0	0	0	0	0.39	0.45	0	0	0	0	0	0
1/30/2024 12:03	56501 ROCK_T2	4	5	1	0.13	0.18	0.05	-1.42	-1.39	0	0	0	0	0	0
1/30/2024 12:05	54201 PENN_T1	122	130	8	0.39	0.39	0	0	0	0	0	0	0	0	0
1/30/2024 12:05	67001 STHI_T2	7	10	3	0.24	0.21	-0.03	0.26	0.32	0	0	0	0	0	0
1/30/2024 12:05	62601 ENGL_T1	0	1	1	0	0	0	0	0	0	0	0	0	0	0
1/30/2024 12:06	67402 WAKE_T2	0	0	0	0	0	0	0.43	0.47	0	0	0	0	0	0
1/30/2024 12:06	67001 STHI_T2	7	10	3	0.24	0.21	-0.03	0.13	0.16	0	0	0	0	0	0
1/30/2024 12:06	17002 RIRO_T2	14	35	21	0.16	0.22	0.06	0.77	0.63	0	0	0	0	0	0
1/30/2024 12:10	67402 WAKE_T2	0	0	0	0	0	0	0.47	0.47	0	0	0	0	0	0
1/30/2024 12:11	67402 WAKE_T2	0	0	0	0	0	0	0.47	0.47	0	0	0	0	0	0
1/30/2024 12:11	61303 EARL_T1	0	0	0	0	0	0	0.9	0.66	0	0	0	0	0	0
1/30/2024 12:11	54502 ENOL_T2	1	1	0	0.2	0.3	0.1	0	0	0	0	0	0	0	0
1/30/2024 12:11	28604 BLYT_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1/30/2024 12:12	45802 HEGI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1/30/2024 12:12	61303 EARL_T1	0	0	0	0	0	0	0.45	0.33	0	0	0	0	0	0
1/30/2024 12:13	54502 ENOL_T2	1	1	0	0.2	0.3	0.1	0	0	0	0	0	0	0	0
1/30/2024 12:16	59302 MCAL_T1	0	0	0	0	0	0	-0.24	-0.23	0	0	0	0	0	0
1/30/2024 12:17	45802 HEGI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1/30/2024 12:31	47401 PENS_T1	0	0	0	0	0	0	0.98	-0.28	0	0	0	0	0	0
1/30/2024 12:32	47403 PENS_T1	1	1	0	2	2	0	0	0	0	0	0	0	0	0
1/30/2024 12:34	13302 ORVI_T2	1	0	-1	0.1	0	-0.1	1.31	1.42	0	0	0	0	0	0
1/30/2024 12:35	47403 PENS_T1	1	1	0	2	2	0	0	0	0	0	0	0	0	0
1/30/2024 12:36	47401 PENS_T1	0	0	0	0	0	0	1.95	-0.56	0	0	0	0	0	0
1/30/2024 12:37	47403 PENS_T1	1	1	0	2	2	0	0	0	0	0	0	0	0	0
1/30/2024 12:44	61505 EPET_T1	0	0	0	0	0	0	0.45	0.41	0	0	0	0	0	0
1/30/2024 12:48	40603 PIGR_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1/30/2024 12:48	54203 PENN_T1	224	335	111	0.31	0.33	0.02	0.11	0.11	0	0	0	0	0	0
1/30/2024 12:56	54502 ENOL_T2	1	1	0	0.2	0.1	-0.1	-1.16	-1.1	0	0	0	0	0	0
1/30/2024 12:57	54501 ENOL_T2	0	0	0	0	0	0	0.17	0.13	0	0	0	0	0	0
1/30/2024 12:57	54505 ENOL_T2	1	1	0	0.9	1	0.1	-1.18	-1.15	0	0	0	0	0	0
1/30/2024 12:58	54502 ENOL_T2	1	1	0	0.2	0.1	-0.1	-1.16	-1.1	0	0	0	0	0	0
1/30/2024 12:58	54503 ENOL_T2	0	0	0	0	0	0	-2.24	-2.36	0	0	0	0	0	0
1/30/2024 12:58	54505 ENOL_T2	1	1	0	0.9	1	0.1	-2.36	-2.3	0	0	0	0	0	0
1/30/2024 12:59	54501 ENOL_T2	0	0	0	0	0	0	0.17	0.13	0	0	0	0	0	0
1/30/2024 12:59	54501 ENOL_T2	0	0	0	0	0	0	0.17	0.13	0	0	0	0	0	0
1/30/2024 12:59	54502 ENOL_T2	1	1	0	0.2	0.1	-0.1	-1.16	-1.1	0	0	0	0	0	0
1/30/2024 12:59	54505 ENOL_T2	1	1	0	0.9	1	0.1	-2.36	-2.3	0	0	0	0	0	0
1/30/2024 13:00	54502 ENOL_T2	1	0	-1	0.1	0	-0.1	0	0	0	0	0	0	0	0
1/30/2024 13:02	49803 UNIV_T1	0	0	0	0	0	0	-0.88	-0.85	0	0	0	0	0	0
1/30/2024 13:06	55002 NEWP_T1	6	6	0	0.88	0.97	0.09	-0.19	-0.21	0	0	0	0	0	0
1/30/2024 13:15	67605 WARW_T1	4	4	0	0.18	0.28	0.1	-1.08	-1.04	0	0	0	0	0	0
1/30/2024 13:22	13901 SEID_T1	0	0	0	0	0	0	0.26	0.24	0	0	0	0	0	0
1/30/2024 13:31	54701 NEBL_T1	3	4	1	0.2	0.35	0.15	0	0	0	0	0	0	0	0
1/30/2024 13:32	54701 NEBL_T1	3	4	1	0.2	0.35	0.15	0	0	0	0	0	0	0	0
1/30/2024 13:35	42201 SHEN_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1/30/2024 13:37	67402 WAKE_T2	0	0	0	0	0	0	0.43	0.44	0	0	0	0	0	0
1/30/2024 13:42	67402 WAKE_T2	0	0	0	0	0	0	0.44	0.41	0	0	0	0	0	0
1/30/2024 13:47	64801 MONE_T2	0	1	1	0	0.4	0.4	-0.22	-0.24	0	0	0	0	0	0
1/30/2024 13:48	42201 SHEN_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1/30/2024 13:51	67605 WARW_T1	4	5	1	0.28	0.3	0.02	-1.22	-1.18	0	0	0	0	0	0
1/30/2024 13:53	13904 SEID_T1	13	2	-11	0.91	0.3	-0.61	0	0	0	0	0	0	0	0
1/30/2024 13:53	67402 WAKE_T2	0	0	0	0	0	0	0.44	0.41	0	0	0	0	0	0
1/30/2024 13:53	60101 COCA_T1	0	0	0	0	0	0	0.52	0.51	0	0	0	0	0	0
1/30/2024 13:54	60101 COCA_T1	0	0	0	0	0	0	0.51	0.43	0	0	0	0	0	0
1/30/2024 13:58	67402 WAKE_T2	0	0	0	0	0	0	0.41	0.44	0	0	0	0	0	0
1/30/2024 13:59	47001 HUGH_T2	0	0	0	0	0	0	-1.16	-1.24	0	0	0	0	0	0
1/30/2024 14:02	17002 RIRO_T2	20	26	6	0.17	0.17	0	0.66	0.58	0	0	0	0	0	0
1/30/2024 14:06	67402 WAKE_T2	0	0	0	0	0	0	0.41	0.44	0	0	0	0	0	0
1/30/2024 14:09	67402 WAKE_T2	0	0	0	0	0	0	0.44	0.31	0	0	0	0	0	0
1/30/2024 14:09	40502 CRES_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1/30/2024 14:10	40502 CRES_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1/30/2024 14:11	40502 CRES_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1/30/2024 14:12	40502 CRES_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1/30/2024 14:12	45802 HEGI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1/30/2024 14:13	40502 CRES_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1/30/2024 14:13	40101 HUNT_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1/30/2024 14:14	40502 CRES_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1/30/2024 14:14	67402 WAKE_T2	0	0	0	0	0	0	0.44	0.31	0	0	0	0	0	0
1/30/2024 14:15	40502 CRES_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1/30/2024 14:16	45802 HEGI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1/30/2024 14:17	40101 HUNT_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1/30/2024 14:18	13503 MCMI_T2	0	0	0	0	0	0	-0.7	-0.73	0	0	0	0	0	0
1/30/2024 14:18	13501 MCMI_T1	2	2	0	0.7	1.1	0.4	-0.31	-0.32	0	0	0	0	0	0
1/30/2024 14:19	65001 NEFF_T2	5	8	3	0.12	0.14	0.02	-0.62	-0.65	0	0	0	0	0	0
1/30/2024 14:19	64802 MONE_T2	0	5	5	0	0.1	0.1	-0.01	0.01	0	0	0	0	0	0
1/30/2024 14:19	56501 ROCK_T2	26	22	-4	0.18	0.18	0	-1.44	-1.39	0	0	0	0	0	0
1/30/2024 14:19	56501 ROCK_T2	26	22	-4	0.18	0.18	0	-1.44	-1.39	0	0	0	0	0	0
1/30/2024 14:19	42201 SHEN_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1/30/2024 14:20	60501 NMAN_T2	3	3	0	3.5	4.03	0.53	0	0	0	0	0	0	0	0
1/30/2024 14:21	67001 STHI_T2	48	105	57	0.12	0.12	0	0	0	0	0	0	0	0	0
1/30/2024 14:21	56501 ROCK_T2	26	22	-4	0.18	0.18	0	-1.44	-1.39	0	0	0	0	0	0
1/30/2024 14:21	40603 PIGR_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1/30/2024 14:22	67503 WEWI_T2	0	0	0	0	0	0	0.06	-0.01	0	0	0	0	0	0
1/30/2024 14:22	56501 ROCK_T2	26	22	-4	0.18	0.18	0	-2.88	-2.78	0	0	0	0	0	0
1/30/2024 14:23	15704 TANN_T1	0	0	0	0	0	0	-0.91	-1	0	0	0	0	0	0
1/30/2024 14:23	16302 ALPA_T2	0	0	0	0	0	0	0.83	0.73	0	0	0	0	0	0
1/30/2024 14:23	67503 WEWI_T2	0	0	0	0	0	0	0.06	-0.01	0	0	0	0	0	0
1/30/2024 14:23	56501 ROCK_T2	26	22	-4	0.18	0.18	0	-2.88	-2.78	0	0	0	0	0	0
1/30/2024 14:23	67001 STHI_T2	48	105	57	0.12	0.12	0	0	0	0	0	0	0	0	0
1/30/2024 14:23	66901 SHIL_T2	9	20	11	0.1	0.11	0.01	-1.59	-1.61	0	0	0	0	0	0
1/30/2024 14:24	43001 ALWD_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1/30/2024 14:24	40502 CRES_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1/30/2024 14:24	56504 ROCK_T2	0	0	0	0	0	0	-0.1	-0.02	0	0	0	0	0	0
1/30/2024 14:24	67002 STHI_T2	11	16	5	0.12	0.13	0.01	1.26	1.28	0	0	0	0	0	0
1/30/2024 14:24	67502 WEWI_T2	0	0	0	0	0	0	0.01	-0.05	0	0	0	0	0	0
1/30/2024 14:24	67605 WARW_T1	1	0	-1	0.1	0	-0.1	-1.21	-1.19	0	0	0	0	0	0
1/30/2024 14:24	16302 ALPA_T2	0	0	0	0	0	0	1.46	1.56	0	0	0	0	0	0
1/30/2024 14:25	67503 WEWI_T2	0	0	0	0	0	0	-0.01	-0.02	0	0	0	0	0	0
1/30/2024 14:25	67503 WEWI_T2	0	0	0	0	0	0	-0.01	-0.02	0	0	0	0	0	0
1/30/2024 14:25	40502 CRES_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1/30/2024 14:25	28604 BLYT_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1/30/2024 14:25	16302 ALPA_T2	0	0	0	0	0	0	0.73	0.78	0	0	0	0	0	0
1/30/2024 14:25	43001 ALWD_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1/30/2024 14:25	67002 STHI_T2	11	16	5	0.12	0.13	0.01	0.63	0.64	0	0	0	0	0	0
1/30/2024 14:26	40502 CRES_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1/30/2024 14:26	67503 WEWI_T2	0	0	0	0	0	0	-0.01	-0.02	0	0	0	0	0	0
1/30/2024 14:26	62604 ENGL_T1	0	0	0	0	0	0	-0.4	-0.36	0	0	0	0	0	0
1/30/2024 14:27	40502 CRES_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1/30/2024 14:28	40502 CRES_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1/30/2024 14:28	64204 KINZ_T1	1	2	1	0.7	1.3	0.6	0	0	0	0	0	0	0	0
1/30/2024 14:28	67503 WEWI_T2	0	0	0	0	0	0	-0.01	-0.02	0	0	0	0	0	0
1/30/2024 14:28	45802 HEGI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1/30/2024 14:29	40502 CRES_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1/30/2024 14:30	43001 ALWD_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1/30/2024 14:30	64204 KINZ_T1	1	1	0	1	1.3	0.3	0	0	0	0	0	0	0	0
1/30/2024 14:30	64802 MONE_T2	5	5	0	0.1	0.1	0	0.01	0.03	0	0	0	0	0	0
1/30/2024 14:30	40502 CRES_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1/30/2024 14:31	40502 CRES_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1/30/2024 14:31	65003 NEFF_T2	3	3	0	0.1	0.1	0	0	0	0	0	0	0	0	0
1/30/2024 14:32	40603 PIGR_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1/30/2024 14:32	45802 HEGI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1/30/2024 14:33	42902 MIDD_T2	0	0	0	0	0	0	-0.13	-0.15	0	0	0	0	0	0
1/30/2024 14:34	44201 POIN_T1	0	0	0	0	0	0	-2.48	-2.07	0	0	0	0	0	0
1/30/2024 14:34	13503 MCMI_T2	0	0	0	0	0	0	-0.73	-0.72	0	0	0	0	0	0
1/30/2024 14:34	56501 ROCK_T2	20	18	-2	0.18	0.18	0	-4.17	-4.2	0	0	0	0	0	0
1/30/2024 14:34	64801 MONE_T2	1	1	0	0.4	0.4	0	-0.25	-0.25	0	0	0	0	0	0
1/30/2024 14:34	64101 REFR_T1	0	0	0	0	0	0	-0.02	-0.06	0	0	0	0	0	0
1/30/2024 14:34	64902 MILL_T2	0	0	0	0	0	0	-0.73	-0.7	0	0	0	0	0	0
1/30/2024 14:34	13501 MCMI_T1	2	2	0	1.1	1.15	0.05	-0.32	-0.31	0	0	0	0	0	0
1/30/2024 14:35	65001 NEFF_T2	8	0	-8	0.14	0	-0.14	-0.65	-0.51	0	0	0	0	0	0
1/30/2024 14:35	56501 ROCK_T2	20	18	-2	0.18	0.18	0	-1.39	-1.4	0	0	0	0	0	0
1/30/2024 14:35	67002 STHI_T2	10	29	19	0.13	0.14	0.01	1.89	1.92	0	0	0	0	0	0
1/30/2024 14:35	57404 SPAN_T2	0	0	0	0	0	0	0.11	0.07	0	0	0	0	0	0
1/30/2024 14:35	42201 SHEN_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1/30/2024 14:35	52501 PROG_T1	0	0

1/30/2024 14:45	40502 CRES_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1/30/2024 14:45	13503 MCMI_T2	0	0	0	0	0	0	-1.45	-1.36	0	0	0	0	0	0
1/30/2024 14:46	17803 GILB_T2	1	0	-1	0.1	0	-0.1	0	0	0	0	0	0	0	0
1/30/2024 14:46	64802 MONE_T2	5	3	-2	0.1	0.1	0	0.03	0.03	0	0	0	0	0	0
1/30/2024 14:46	40502 CRES_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1/30/2024 14:46	64204 KINZ_T1	1	1	0	1.3	1.3	0	0	0	0	0	0	0	0	0
1/30/2024 14:47	40101 HUNT_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1/30/2024 14:47	47401 PENS_T1	11	0	-11	0.15	0	-0.15	-0.69	-0.73	0	0	0	0	0	0
1/30/2024 14:48	47401 PENS_T1	11	0	-11	0.15	0	-0.15	-0.35	-0.37	0	0	0	0	0	0
1/30/2024 14:48	64101 REFR_T1	0	0	0	0	0	0	-0.02	-0.01	0	0	0	0	0	0
1/30/2024 14:49	49803 UNIV_T1	0	0	0	0	0	0	-0.84	-0.94	0	0	0	0	0	0
1/30/2024 14:49	47401 PENS_T1	11	0	-11	0.15	0	-0.15	-0.69	-0.73	0	0	0	0	0	0
1/30/2024 14:49	55002 NEWP_T1	6	6	0	0.68	0.53	-0.15	-0.38	-0.4	0	0	0	0	0	0
1/30/2024 14:50	56501 ROCK_T2	17	14	-3	0.18	0.17	-0.01	0	0	0	0	0	0	0	0
1/30/2024 14:50	55002 NEWP_T1	6	6	0	0.68	0.53	-0.15	-0.19	-0.2	0	0	0	0	0	0
1/30/2024 14:50	48302 ORWI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1/30/2024 14:50	47401 PENS_T1	11	0	-11	0.15	0	-0.15	-1.38	-1.46	0	0	0	0	0	0
1/30/2024 14:50	64801 MONE_T2	1	1	0	0.4	0.2	-0.2	-0.25	-0.22	0	0	0	0	0	0
1/30/2024 14:50	64101 REFR_T1	0	0	0	0	0	0	-0.06	-0.02	0	0	0	0	0	0
1/30/2024 14:50	43301 WATS_T2	0	0	0	0	0	0	-0.63	-0.69	0	0	0	0	0	0
1/30/2024 14:50	52501 PROG_T1	0	0	0	0	0	0	0.37	0.39	0	0	0	0	0	0
1/30/2024 14:50	17002 RIRO_T2	20	28	8	0.15	0.19	0.04	0.68	0.65	0	0	0	0	0	0
1/30/2024 14:51	47401 PENS_T1	11	0	-11	0.15	0	-0.15	-0.35	-0.37	0	0	0	0	0	0
1/30/2024 14:51	65003 NEFF_T2	3	0	-3	0.1	0	-0.1	0	0	0	0	0	0	0	0
1/30/2024 14:51	55002 NEWP_T1	6	6	0	0.68	0.53	-0.15	-0.38	-0.4	0	0	0	0	0	0
1/30/2024 14:51	42201 SHEN_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1/30/2024 14:51	64101 REFR_T1	0	0	0	0	0	0	-0.05	-0.02	0	0	0	0	0	0
1/30/2024 14:51	43001 ALWD_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1/30/2024 14:51	67402 WAKE_T2	0	0	0	0	0	0	-0.3	-0.74	0	0	0	0	0	0
1/30/2024 14:51	43304 WATS_T2	2	0	-2	0.45	0	-0.45	0	0	0	0	0	0	0	0
1/30/2024 14:52	65001 NEFF_T2	0	0	0	0	0	0	-0.51	-0.42	0	0	0	0	0	0
1/30/2024 14:52	59101 WALK_T2	0	0	0	0	0	0	1.89	2.27	0	0	0	0	0	0
1/30/2024 14:52	55002 NEWP_T1	6	6	0	0.68	0.53	-0.15	-0.38	-0.4	0	0	0	0	0	0
1/30/2024 14:54	43301 WATS_T2	0	0	0	0	0	0	-2.06	-2.1	0	0	0	0	0	0
1/30/2024 14:55	67002 STHI_T2	16	30	14	0.13	0.14	0.01	1.22	1.24	0	0	0	0	0	0
1/30/2024 14:55	46203 DANV_T2	72	68	-4	0.35	0.35	0	0	0	0	0	0	0	0	0
1/30/2024 14:56	67402 WAKE_T2	0	0	0	0	0	0	-0.37	-0.36	0	0	0	0	0	0
1/30/2024 14:57	46203 DANV_T2	72	68	-4	0.35	0.35	0	0	0	0	0	0	0	0	0
1/30/2024 14:57	43001 ALWD_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1/30/2024 15:00	40902 JESH_T1	0	0	0	0	0	0	-0.67	-0.6	0	0	0	0	0	0
1/30/2024 15:01	43202 MVIL_T2	21	10	-11	0.15	0.16	0.01	0	0	0	0	0	0	0	0
1/30/2024 15:01	40101 HUNT_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1/30/2024 15:03	40101 HUNT_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1/30/2024 15:03	40603 PIGR_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1/30/2024 15:04	42201 SHEN_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1/30/2024 15:05	67001 STHI_T2	188	106	-82	0.12	0.12	0	0	0	0	0	0	0	0	0
1/30/2024 15:06	67002 STHI_T2	27	22	-5	0.14	0.14	0	0.61	0.62	0	0	0	0	0	0
1/30/2024 15:06	67402 WAKE_T2	0	0	0	0	0	0	-0.37	-0.36	0	0	0	0	0	0
1/30/2024 15:07	43001 ALWD_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1/30/2024 15:07	67503 WEWI_T2	0	0	0	0	0	0	0.08	0.07	0	0	0	0	0	0
1/30/2024 15:07	55002 NEWP_T1	6	6	0	0.52	0.72	0.2	-0.2	-0.19	0	0	0	0	0	0
1/30/2024 15:11	67605 WARW_T1	0	0	0	0	0	0	-1.21	-1.16	0	0	0	0	0	0
1/30/2024 15:12	60101 COCA_T1	0	0	0	0	0	0	0.44	0.43	0	0	0	0	0	0
1/30/2024 15:12	43001 ALWD_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1/30/2024 15:12	67402 WAKE_T2	0	0	0	0	0	0	-0.36	-0.37	0	0	0	0	0	0
1/30/2024 15:14	45802 HEGI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1/30/2024 15:15	49803 UNIV_T1	0	0	0	0	0	0	-0.87	-0.92	0	0	0	0	0	0
1/30/2024 15:15	45802 HEGI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1/30/2024 15:16	59003 MIFF_T1	0	0	0	0	0	0	0.16	0.16	0	0	0	0	0	0
1/30/2024 15:17	49803 UNIV_T1	0	0	0	0	0	0	-0.87	-0.92	0	0	0	0	0	0
1/30/2024 15:17	60604 NCOL_T2	0	0	0	0	0	0	0.28	0.32	0	0	0	0	0	0
1/30/2024 15:18	46301 ROHR_T1	28	74	46	0.2	0.2	0	0.29	0.28	0	0	0	0	0	0
1/30/2024 15:18	55002 NEWP_T1	6	6	0	0.43	0.72	0.29	-0.19	-0.2	0	0	0	0	0	0
1/30/2024 15:18	60604 NCOL_T2	0	0	0	0	0	0	0.28	0.32	0	0	0	0	0	0
1/30/2024 15:21	43304 WATS_T2	0	0	0	0	0	0	-0.55	-0.62	0	0	0	0	0	0
1/30/2024 15:21	46301 ROHR_T1	28	74	46	0.2	0.2	0	0.29	0.28	0	0	0	0	0	0
1/30/2024 15:22	43304 WATS_T2	0	0	0	0	0	0	-0.55	-0.62	0	0	0	0	0	0
1/30/2024 15:23	43001 ALWD_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1/30/2024 15:23	59101 WALK_T2	0	0	0	0	0	0	2.21	1.79	0	0	0	0	0	0
1/30/2024 15:24	59101 WALK_T2	0	0	0	0	0	0	3.57	2.97	0	0	0	0	0	0
1/30/2024 15:24	56501 ROCK_T2	3	10	7	0.1	0.17	0.07	-1.36	-1.43	0	0	0	0	0	0
1/30/2024 15:25	40502 CRES_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1/30/2024 15:26	60101 COCA_T1	0	0	0	0	0	0	0.43	0.53	0	0	0	0	0	0
1/30/2024 15:26	40502 CRES_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1/30/2024 15:27	40502 CRES_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1/30/2024 15:27	47901 HRDG_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1/30/2024 15:27	43304 WATS_T2	0	0	0	0	0	0	-0.31	-0.3	0	0	0	0	0	0
1/30/2024 15:28	43001 ALWD_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1/30/2024 15:28	40502 CRES_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1/30/2024 15:29	40502 CRES_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1/30/2024 15:31	40502 CRES_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1/30/2024 15:31	49803 UNIV_T1	0	0	0	0	0	0	-0.92	-0.91	0	0	0	0	0	0
1/30/2024 15:33	55002 NEWP_T1	6	4	-2	0.72	0.2	-0.52	-0.2	-0.21	0	0	0	0	0	0
1/30/2024 15:34	48302 ORWI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1/30/2024 15:34	59301 MCAL_T1	2	2	0	0.4	0.3	-0.1	0	0	0	0	0	0	0	0
1/30/2024 15:38	67402 WAKE_T2	0	0	0	0	0	0	-0.37	-0.36	0	0	0	0	0	0
1/30/2024 15:41	46004 BERW_T2	0	0	0	0	0	0	-0.27	-0.32	0	0	0	0	0	0
1/30/2024 15:42	10705 CATA_T2	0	0	0	0	0	0	-0.87	-0.89	0	0	0	0	0	0
1/30/2024 15:42	40502 CRES_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1/30/2024 15:43	67402 WAKE_T2	0	0	0	0	0	0	-0.36	-0.35	0	0	0	0	0	0
1/30/2024 15:43	40101 HUNT_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1/30/2024 15:43	40502 CRES_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1/30/2024 15:51	64101 REFR_T1	0	0	0	0	0	0	0.02	0	0	0	0	0	0	0
1/30/2024 15:52	14403 SSLA_T1	0	0	0	0	0	0	1.96	1.98	0	0	0	0	0	0
1/30/2024 15:58	40502 CRES_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1/30/2024 16:00	52006 LING_T2	3	1	-2	0.33	0.3	-0.03	0	0	0	0	0	0	0	0
1/30/2024 16:03	66303 MCGO_T2	1	1	0	0.2	0.2	0	0	0	0	0	0	0	0	0
1/30/2024 16:05	55002 NEWP_T1	2	0	-2	0.15	0	-0.15	-0.19	-0.21	0	0	0	0	0	0
1/30/2024 16:08	29402 BELT_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1/30/2024 16:10	67402 WAKE_T2	0	0	0	0	0	0	-0.32	-0.35	0	0	0	0	0	0
1/30/2024 16:10	29402 BELT_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1/30/2024 16:14	25501 MADI_T1	16	18	2	0.63	0.78	0.15	-0.18	-0.19	0	0	0	0	0	0
1/30/2024 16:15	67402 WAKE_T2	0	0	0	0	0	0	-0.32	-0.35	0	0	0	0	0	0
1/30/2024 16:19	64101 REFR_T1	0	0	0	0	0	0	0.02	0.11	0	0	0	0	0	0
1/30/2024 16:20	67402 WAKE_T2	0	0	0	0	0	0	-0.32	-0.35	0	0	0	0	0	0
1/30/2024 16:20	64101 REFR_T1	0	0	0	0	0	0	0.01	0.05	0	0	0	0	0	0
1/30/2024 16:21	64101 REFR_T1	0	0	0	0	0	0	0.01	0.03	0	0	0	0	0	0
1/30/2024 16:23	14401 SSLA_T1	0	4	4	0	0	0	0	0	0	0	0	0	0	0
1/30/2024 16:24	14401 SSLA_T1	0	4	4	0	0	0	0	0	0	0	0	0	0	0
1/30/2024 16:25	67402 WAKE_T2	0	0	0	0	0	0	-0.35	-0.34	0	0	0	0	0	0
1/30/2024 16:25	46206 DANV_T2	13	13	0	2.31	2.15	-0.16	0	0	0	0	0	0	0	0
1/30/2024 16:27	46203 DANV_T2	57	18	-39	0.36	0.31	-0.05	-0.8	-0.8	0	0	0	0	0	0
1/30/2024 16:31	46206 DANV_T2	13	13	0	2.15	1.93	-0.22	0	0	0	0	0	0	0	0
1/30/2024 16:51	67402 WAKE_T2	0	0	0	0	0	0	-0.34	-0.32	0	0	0	0	0	0
1/30/2024 16:53	65001 NEFF_T2	0	4	4	0	0.1	0.1	-0.72	-0.73	0	0	0	0	0	0
1/30/2024 16:57	67402 WAKE_T2	0	0	0	0	0	0	-0.32	-0.33	0	0	0	0	0	0
1/30/2024 17:03	65001 NEFF_T2	4	1	-3	0.1	0.1	0	-0.73	-0.74	0	0	0	0	0	0
1/30/2024 17:08	46206 DANV_T2	13	13	0	1.91	0.65	-1.26	0	0	0	0	0	0	0	0
1/30/2024 17:09	46206 DANV_T2	13	13	0	1.91	0.65	-1.26	0	0	0	0	0	0	0	0
1/30/2024 17:12	46206 DANV_T2	13	13	0	1.91	0.65	-1.26	0	0	0	0	0	0	0	0
1/30/2024 17:23	42701 AUGU_T1	2	4	2	1.4	2.4	1	0	0	0	0	0	0	0	0
1/30/2024 17:24	65001 NEFF_T2	1	0	-1	0.1	0	-0.1	-0.74	-0.65	0	0	0	0	0	0
1/30/2024 17:35	65001 NEFF_T2	0	0	0	0	0	0	-0.74	-0.65	0	0	0	0	0	0
1/30/2024 17:36	64101 REFR_T1	0	0	0	0	0	0	0.01	0.01	0	0	0	0	0	0
1/30/2024 17:46	28704 HAML_T2	6	3	-3	0.38	0.53	0.15	-0.72	-0.72	0	0	0	0	0	0
1/30/2024 17:51	60101 COCA_T1	0	0	0	0	0	0	0.4	0.42	0	0	0	0	0	0
1/30/2024 18:22	65001 NEFF_T2	0	0	0	0	0	0	-0.71	-0.68	0	0	0	0	0	0
1/30/2024 18:34	28704 HAML_T2	14	7	-7	0.24	0.31	0.07	-0.7	-0.72	0	0	0	0	0	0
1/30/2024 18:36	58402 MORO_T1	0	0	0	0	0	0	-0.61	-0.7	0	0	0	0	0	0
1/30/2024 18:41	41601 CLEV_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1/30/2024 18:42	29402 BELT_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1/30/2024 18:48	17802 GILB_T1	0	0	0	0	0	0	0.17	0.12	0	0	0	0	0	0
1/30/2024 18:49	27101 GFLD_T2	3	3	0	0.23	1.4	1.17	0.21	0.19	0	0	0	0	0	0
1/30/2024 18:51	13503 MCMI_T2	3	4	1	0.23	0.1	-0.13	-0.57	-0.61	0	0	0	0	0	0
1/30/2024 18:51	13501 MCMI_T1	0	1	1	0	0	0	-0.23	-0.22	0	0	0	0	0	0
1/30/2024 18:52	56802 BENV_T2	0	1	1	0	0.2	0.2	-1.23	-1.28	0	0	0	0	0	0
1/30/2024 18:52	40502 CRES_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1/30/2024 18:53	17805 GILB_T2	0	0	0	0	0	0	0.18	0.16	0	0	0	0	0	0
1/30/2024 18:53	56802 BENV_T2	0	1	1	0	0.2	0.2	-1.23	-1.28	0	0	0	0	0	0
1/30/2024 18:54	57401 SPAN_T1	0	1	1	0	0.1	0.1	-0.67	-0.69	0	0	0	0	0	0
1/30/2024 18:54	67002 STHI_T2	5	10	5	0.1	0.16	0.06	0.63	0.61	0	0	0	0	0	0
1/30/2024 18:55	15704 TANN_T1	8	3	-5	0.44	0.7	0.26	-0.95	-0.85	0	0	0	0	0	0
1/30/2024 18:56	40502 CRES_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1/30/2024 18:56	56802 BENV_T2	0	1	1	0	0.2	0.2	-1.28	-1.26	0	0	0	0	0	0
1/30/2024 18:56	62604 ENGL_T1	1	1	0	0.2	0.1	-0.1	0	0	0	0	0	0	0	0
1/30/2024 18:56	56501 ROCK_T2	1	5	4	0.2	0.18	-0.02	-1.31	-1.33	0	0	0	0	0	0
1/30/2024 18:57	57403 SPAN_T1	0	0	0	0	0	0	0.13	0.14	0	0	0	0	0	0
1/30/2024 18:57	25501 MADI_T1	8	12	4	1.34	1.73	0.39	-0.18	-0.16	0	0	0	0	0	0
1/30/2024 18:57	48302 ORWI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1/30/2024 18:58	66503 SMAN_T2	40	162	122	0.12	0.21	0.09	0	0	0	0	0	0	0	0
1/30/2024 18:58	59101 WALK_T2	0	0	0	0	0	0	0.67	0.82	0	0	0	0	0	0
1/30/2024 18:58	17002 RIRO_T2	1	3	2	0.1	0.1	0	0.42	0.44	0	0	0	0	0	0
1/30/2024 18:58	40502 CRES_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1/30/2024 18:58	56501 ROCK_T2	1	5	4	0.2	0.18	-0.02	-2.63	-2.65	0	0	0	0	0	0
1/30/2024 18:58	16402 MOPO_T1	6	5	-1	0.42	1.55	1.13	0.2	0.21	0	0	0	0	0	0
1/30/2024 18:59	59101 WALK_T2	0	0	0	0	0	0	1.34	1.64	0	0	0	0	0	0
1/30/2024 18:59	57401 SPAN_T1	0	1	1	0	0.1	0.1	-1.34	-1.37	0	0	0	0	0	0
1/30/2024 18:59	40505 CRES_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1/30/2024 18:59	40502 CRES_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1/30/2024 19:00	52004 LING_T2	1	1	0	0.6	0.9	0.3	0	0	0	0	0	0	0	0
1/30/2024 19:00	40502 CRES_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1/30/2024 19:01	56504 ROCK_T2	0	0	0	0	0	0	-0.21	-0.23	0	0	0	0	0	0
1/30/2024 19:01	47403 PENS_T1	3	3	0	0.1	0.1	0	0	0	0	0	0	0	0	0
1/30/2024 19:01	17802 GILB_T1	0	0	0	0	0	0	0.12	0.16	0	0	0	0	0	0
1/30/2024 19:01	64702 LITI_T2	0	0	0	0	0	0	-0.79	-0.82	0	0	0	0	0	0
1/30/2024 19:01	53501 EVIL_T2	3	8	5	0.23	0.43	0.2	-1.27	-1.29	0	0	0	0	0	0
1/30/2024 19:01	46001 BERW_T1	0	0	0	0	0	0	1.02	0.98	0	0	0	0	0	0
1/30/2024 19:02	40502 CRES_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1/30/2024 19:02	59002 MIFF_T1	2	0	-2	0.1	0	-0.1	0	0	0	0	0	0	0	0
1/30/2024 19:02	42201 SHEN_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1/30/2024 19:02	52501 PROG_T1	0	0	0	0	0	0	0.4	0.4	0	0	0	0	0	0
1/30/2024 19:02	56501 ROCK_T2	4	4	0	0.33	0.1	-0.23	-1.31	-1.33	0	0	0	0	0	0
1/30/2024 19:02	40505 CRES_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1/30/2024 19:03	51102 CARL_T1	2	0	-2	0.1	0	-0.1	0	0	0	0	0	0	0	0
1/30/2024 19:03	67502 WEWI_T2	0	1	1	0	0.1	0.1	-1.29	-1.35	0	0	0	0	0	0
1/30/2024 19:03	42201 SHEN_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1/30/2024 19:03	67502 WEWI_T2	0	1	1	0	0.1	0.1	-1.29	-1.35	0	0	0	0	0	0
1/30/2024 19:03	53501 EVIL_T2	3	8	5	0.23	0.43	0.2	-1.27	-1.29	0	0	0	0	0	0
1/30/2024 19:03	57401 SPAN_T1	1	0	-1	0.1	0	-0.1	-0.67	-0.69	0	0	0	0	0	0
1/30/2024 19:03	20403 ASHF_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1/30/2024 19:03	29402 BELT_T1	0	0	0	0	0	0	0	0

1/30/2024 19:08	64204 KINZ_T1	1	1	0	0.4	0.7	0.3	0	0	0	0	0	0	0	0
1/30/2024 19:08	40502 CRES_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1/30/2024 19:08	55002 NEWP_T1	0	1	1	0	0.2	0.2	-0.19	-0.17	0	0	0	0	0	0
1/30/2024 19:08	43201 MVIL_T2	0	0	0	0	0	0	-0.33	-0.33	0	0	0	0	0	0
1/30/2024 19:08	20403 ASHF_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1/30/2024 19:08	54504 ENOL_T2	0	0	0	0	0	0	-0.94	-0.93	0	0	0	0	0	0
1/30/2024 19:08	46203 DANV_T2	18	17	-1	0.33	0.28	-0.05	-0.81	-0.77	0	0	0	0	0	0
1/30/2024 19:08	64101 REFR_T1	0	0	0	0	0	0	0.03	-0.01	0	0	0	0	0	0
1/30/2024 19:08	41601 CLEV_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1/30/2024 19:08	13503 MCMI_T2	1	4	3	0.2	0	-0.2	-0.61	-0.59	0	0	0	0	0	0
1/30/2024 19:08	43001 ALWD_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1/30/2024 19:08	67605 WARW_T1	0	0	0	0	0	0	-1.89	-1.89	0	0	0	0	0	0
1/30/2024 19:08	56802 BENV_T2	1	0	-1	0.2	0	-0.2	-2.56	-2.52	0	0	0	0	0	0
1/30/2024 19:08	46004 BERW_T2	0	0	0	0	0	0	-0.36	-0.39	0	0	0	0	0	0
1/30/2024 19:09	47001 HUGH_T2	0	0	0	0	0	0	-0.49	-0.53	0	0	0	0	0	0
1/30/2024 19:09	51107 CARL_T1	0	0	0	0	0	0	0.12	0.13	0	0	0	0	0	0
1/30/2024 19:09	47403 PENS_T1	3	3	0	0.1	0.1	0	0	0	0	0	0	0	0	0
1/30/2024 19:09	46301 ROHR_T1	0	0	0	0	0	0	0.24	0.26	0	0	0	0	0	0
1/30/2024 19:09	66503 SMAN_T2	161	143	-18	0.21	0.18	-0.03	0	0	0	0	0	0	0	0
1/30/2024 19:09	56501 ROCK_T2	4	4	0	0.33	0.1	-0.23	-1.33	-1.34	0	0	0	0	0	0
1/30/2024 19:09	67502 WEWI_T2	0	1	1	0	0.1	0.1	-1.35	-1.32	0	0	0	0	0	0
1/30/2024 19:09	40502 CRES_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1/30/2024 19:09	47802 MOCA_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1/30/2024 19:09	56802 BENV_T2	1	0	-1	0.2	0	-0.2	-1.26	-1.23	0	0	0	0	0	0
1/30/2024 19:09	56801 BENV_T1	7	4	-3	0.56	0.25	-0.31	-0.55	-0.55	0	0	0	0	0	0
1/30/2024 19:09	28604 BLYT_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1/30/2024 19:09	55002 NEWP_T1	0	1	1	0	0.2	0.2	-0.34	-0.4	0	0	0	0	0	0
1/30/2024 19:10	56802 BENV_T2	1	0	-1	0.2	0	-0.2	-1.26	-1.23	0	0	0	0	0	0
1/30/2024 19:10	57402 SPAN_T2	2	0	-2	0.1	0	-0.1	0	0	0	0	0	0	0	0
1/30/2024 19:10	47401 PENS_T1	0	0	0	0	0	0	0.94	0.94	0	0	0	0	0	0
1/30/2024 19:10	57304 MOAL_T2	1	0	-1	0.2	0	-0.2	-0.17	-0.21	0	0	0	0	0	0
1/30/2024 19:10	44301 BEAV_T2	0	0	0	0	0	0	0.06	0.01	0	0	0	0	0	0
1/30/2024 19:10	45802 HEGI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1/30/2024 19:10	45501 DERR_T2	3	4	1	3.4	3.2	-0.2	0.67	0.77	0	0	0	0	0	0
1/30/2024 19:10	64101 REFR_T1	0	0	0	0	0	0	-0.01	0.02	0	0	0	0	0	0
1/30/2024 19:11	16302 ALPA_T2	0	0	0	0	0	0	0.75	0.73	0	0	0	0	0	0
1/30/2024 19:11	57403 SPAN_T1	0	0	0	0	0	0	0.14	0.14	0	0	0	0	0	0
1/30/2024 19:11	53901 HAU_T2	44	36	-8	0.2	0.16	-0.04	-1.48	-1.45	0	0	0	0	0	0
1/30/2024 19:11	45802 HEGI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1/30/2024 19:11	16402 MOPO_T1	5	2	-3	1.08	1.55	0.47	0.21	0.21	0	0	0	0	0	0
1/30/2024 19:11	47401 PENS_T1	0	0	0	0	0	0	0.94	0.94	0	0	0	0	0	0
1/30/2024 19:11	56802 BENV_T2	1	0	-1	0.2	0	-0.2	-1.26	-1.23	0	0	0	0	0	0
1/30/2024 19:11	56501 ROCK_T2	4	4	0	0.33	0.1	-0.23	-1.33	-1.34	0	0	0	0	0	0
1/30/2024 19:12	64902 MILL_T2	0	0	0	0	0	0	-0.67	-0.64	0	0	0	0	0	0
1/30/2024 19:12	64204 KINZ_T1	1	1	0	0.4	0.7	0.3	0	0	0	0	0	0	0	0
1/30/2024 19:12	65901 SAKR_T2	1	1	0	8.7	9	0.3	-1.19	-1.18	0	0	0	0	0	0
1/30/2024 19:12	16302 ALPA_T2	0	0	0	0	0	0	0.75	0.73	0	0	0	0	0	0
1/30/2024 19:12	10805 CHHI_T2	1	1	0	6.8	6.7	-0.1	0	0	0	0	0	0	0	0
1/30/2024 19:12	45501 DERR_T2	3	4	1	3.4	3.2	-0.2	1.34	1.53	0	0	0	0	0	0
1/30/2024 19:12	20403 ASHF_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1/30/2024 19:12	59302 MCAL_T1	0	0	0	0	0	0	-0.29	-0.27	0	0	0	0	0	0
1/30/2024 19:12	43304 WATS_T2	0	13	13	0	0.3	0.3	-0.27	-0.27	0	0	0	0	0	0
1/30/2024 19:12	47403 PENS_T1	3	3	0	0.1	0.1	0	0	0	0	0	0	0	0	0
1/30/2024 19:12	17802 GILB_T1	0	0	0	0	0	0	0.16	0.14	0	0	0	0	0	0
1/30/2024 19:12	43304 WATS_T2	0	13	13	0	0.3	0.3	-0.27	-0.27	0	0	0	0	0	0
1/30/2024 19:12	44201 POIN_T1	0	0	0	0	0	0	-1.39	-1.38	0	0	0	0	0	0
1/30/2024 19:12	64101 REFR_T1	0	0	0	0	0	0	-0.01	0.03	0	0	0	0	0	0
1/30/2024 19:12	46206 DANV_T2	11	13	2	0.78	1.08	0.3	2.02	2.04	0	0	0	0	0	0
1/30/2024 19:12	56802 BENV_T2	1	0	-1	0.2	0	-0.2	-2.52	-2.46	0	0	0	0	0	0
1/30/2024 19:12	48302 ORWI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1/30/2024 19:12	46206 DANV_T2	11	13	2	0.78	1.08	0.3	2.02	2.04	0	0	0	0	0	0
1/30/2024 19:12	40502 CRES_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1/30/2024 19:12	45702 LIND_T2	2	1	-1	0.4	0.9	0.5	-0.47	-0.53	0	0	0	0	0	0
1/30/2024 19:12	29401 BELT_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1/30/2024 19:12	55002 NEWP_T1	0	1	1	0	0.2	0.2	-0.17	-0.2	0	0	0	0	0	0
1/30/2024 19:12	40101 HUNT_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1/30/2024 19:12	44301 BEAV_T2	0	0	0	0	0	0	0.06	0.01	0	0	0	0	0	0
1/30/2024 19:12	60801 BUCK_T1	0	0	0	0	0	0	-0.83	-0.85	0	0	0	0	0	0
1/30/2024 19:13	40502 CRES_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1/30/2024 19:13	65003 NEFF_T2	0	3	3	0	0.1	0.1	0	0	0	0	0	0	0	0
1/30/2024 19:13	53901 HAU_T2	44	36	-8	0.2	0.16	-0.04	-4.45	-4.36	0	0	0	0	0	0
1/30/2024 19:13	10805 CHHI_T2	1	1	0	6.8	6.7	-0.1	0	0	0	0	0	0	0	0
1/30/2024 19:13	64201 KINZ_T1	0	0	0	0	0	0	-0.8	-0.75	0	0	0	0	0	0
1/30/2024 19:13	67502 WEWI_T2	0	1	1	0	0.1	0.1	-2.7	-2.64	0	0	0	0	0	0
1/30/2024 19:13	16302 ALPA_T2	0	0	0	0	0	0	0.75	0.73	0	0	0	0	0	0
1/30/2024 19:13	43304 WATS_T2	0	13	13	0	0.3	0.3	-0.27	-0.27	0	0	0	0	0	0
1/30/2024 19:13	11104 EGYP_T1	0	4	4	0	0	0	0.38	0.37	0	0	0	0	0	0
1/30/2024 19:13	62604 ENGL_T1	1	1	0	0.1	0.1	0	-0.4	-0.38	0	0	0	0	0	0
1/30/2024 19:13	67204 TEHI_T2	0	0	0	0	0	0	0.22	0.2	0	0	0	0	0	0
1/30/2024 19:13	60101 COCA_T1	0	0	0	0	0	0	0.45	0.41	0	0	0	0	0	0
1/30/2024 19:13	43301 WATS_T2	1	0	-1	0.6	0	-0.6	-0.65	-0.66	0	0	0	0	0	0
1/30/2024 19:13	60604 NCOL_T2	0	0	0	0	0	0	0.32	0.28	0	0	0	0	0	0
1/30/2024 19:13	56802 BENV_T2	1	0	-1	0.2	0	-0.2	-1.26	-1.23	0	0	0	0	0	0
1/30/2024 19:13	64101 REFR_T1	0	0	0	0	0	0	-0.02	0.05	0	0	0	0	0	0
1/30/2024 19:13	40101 HUNT_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1/30/2024 19:14	67605 WARW_T1	0	0	0	0	0	0	-0.94	-0.89	0	0	0	0	0	0
1/30/2024 19:14	59101 WALK_T2	0	0	0	0	0	0	0.82	1.03	0	0	0	0	0	0
1/30/2024 19:14	60502 NMAN_T2	0	0	0	0	0	0	-0.3	-0.41	0	0	0	0	0	0
1/30/2024 19:14	65901 SAKR_T2	1	1	0	8.7	9	0.3	-1.19	-1.18	0	0	0	0	0	0
1/30/2024 19:14	40502 CRES_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1/30/2024 19:14	56802 BENV_T2	1	0	-1	0.2	0	-0.2	-2.52	-2.46	0	0	0	0	0	0
1/30/2024 19:14	53901 HAU_T2	44	36	-8	0.2	0.16	-0.04	-1.48	-1.45	0	0	0	0	0	0
1/30/2024 19:14	47001 HUGH_T2	0	0	0	0	0	0	-0.49	-0.53	0	0	0	0	0	0
1/30/2024 19:14	43201 MVIL_T2	0	0	0	0	0	0	-0.33	-0.33	0	0	0	0	0	0
1/30/2024 19:14	11104 EGYP_T1	0	4	4	0	0	0	0.38	0.37	0	0	0	0	0	0
1/30/2024 19:14	46203 DANV_T2	18	17	-1	0.33	0.28	-0.05	0	0	0	0	0	0	0	0
1/30/2024 19:14	67204 TEHI_T2	0	0	0	0	0	0	0.22	0.2	0	0	0	0	0	0
1/30/2024 19:14	17802 GILB_T1	0	0	0	0	0	0	0.16	0.14	0	0	0	0	0	0
1/30/2024 19:15	46206 DANV_T2	12	13	1	0.89	1.31	0.42	0	0	0	0	0	0	0	0
1/30/2024 19:15	60803 BUCK_T1	0	0	0	0	0	0	-0.47	-0.46	0	0	0	0	0	0
1/30/2024 19:15	14403 SSLA_T1	0	0	0	0	0	0	0.82	0.82	0	0	0	0	0	0
1/30/2024 19:15	60604 NCOL_T2	0	0	0	0	0	0	0.32	0.28	0	0	0	0	0	0
1/30/2024 19:15	57401 SPAN_T1	0	0	0	0	0	0	-0.69	-0.61	0	0	0	0	0	0
1/30/2024 19:15	57401 SPAN_T1	0	0	0	0	0	0	-0.69	-0.61	0	0	0	0	0	0
1/30/2024 19:15	67502 WEWI_T2	0	34	34	0	0.18	0.18	0	0	0	0	0	0	0	0
1/30/2024 19:15	60101 COCA_T1	0	0	0	0	0	0	0.45	0.41	0	0	0	0	0	0
1/30/2024 19:16	40101 HUNT_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1/30/2024 19:16	46203 DANV_T2	13	17	4	0.28	0.27	-0.01	-0.81	-0.77	0	0	0	0	0	0
1/30/2024 19:16	67502 WEWI_T2	0	34	34	0	0.18	0.18	0	0	0	0	0	0	0	0
1/30/2024 19:16	53501 EVIL_T2	6	8	2	0.28	0.43	0.15	-1.29	-1.36	0	0	0	0	0	0
1/30/2024 19:16	29401 BELT_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1/30/2024 19:16	40502 CRES_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1/30/2024 19:16	43202 MVIL_T2	0	0	0	0	0	0	-0.62	-0.62	0	0	0	0	0	0
1/30/2024 19:16	67402 WAKE_T2	0	0	0	0	0	0	-0.35	-0.39	0	0	0	0	0	0
1/30/2024 19:16	57403 SPAN_T1	0	0	0	0	0	0	0.14	0.14	0	0	0	0	0	0
1/30/2024 19:17	41801 GOCI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1/30/2024 19:17	46206 DANV_T2	12	13	1	0.89	1.31	0.42	2.02	2.04	0	0	0	0	0	0
1/30/2024 19:17	43304 WATS_T2	6	15	9	0.3	0.33	0.03	-0.55	-0.54	0	0	0	0	0	0
1/30/2024 19:17	14401 SSLA_T1	0	1	1	0	0	0	0	0	0	0	0	0	0	0
1/30/2024 19:17	67502 WEWI_T2	0	34	34	0	0.18	0.18	0	0	0	0	0	0	0	0
1/30/2024 19:17	10801 CHHI_T1	0	1	1	0	0	0	0	0	0	0	0	0	0	0
1/30/2024 19:17	41402 BENT_T1	2	0	-2	0.15	0	-0.15	-1.49	-1.53	0	0	0	0	0	0
1/30/2024 19:17	67002 STHI_T2	6	25	19	0.2	0.13	-0.07	1.22	1.3	0	0	0	0	0	0
1/30/2024 19:17	47401 PENS_T1	0	0	0	0	0	0	1.88	1.87	0	0	0	0	0	0
1/30/2024 19:17	57401 SPAN_T1	0	0	0	0	0	0	-0.69	-0.61	0	0	0	0	0	0
1/30/2024 19:17	53501 EVIL_T2	6	8	2	0.28	0.43	0.15	-1.29	-1.36	0	0	0	0	0	0
1/30/2024 19:17	43301 WATS_T2	0	0	0	0	0	0	-0.65	-0.66	0	0	0	0	0	0
1/30/2024 19:17	62604 ENGL_T1	1	1	0	0.1	0.1	0	-0.4	-0.38	0	0	0	0	0	0
1/30/2024 19:17	40902 JESH_T1	0	0	0	0	0	0	-0.63	-0.64	0	0	0	0	0	0
1/30/2024 19:17	40101 HUNT_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1/30/2024 19:17	40502 CRES_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1/30/2024 19:17	60803 BUCK_T1	0	0	0	0	0	0	-0.47	-0.46	0	0	0	0	0	0
1/30/2024 19:17	56501 ROCK_T2	2	2	0	0.25	0.15	-0.1	-1.33	-1.34	0	0	0	0	0	0
1/30/2024 19:17	42902 MIDD_T2	0	0	0	0	0	0	-0.52	-0.45	0	0	0	0	0	0
1/30/2024 19:17	61303 EARL_T1	0	0	0	0	0	0	0.08	0.08	0	0	0	0	0	0
1/30/2024 19:17	43202 MVIL_T2	0	0	0	0	0	0	-1.24	-1.24	0	0	0	0	0	0
1/30/2024 19:17	44301 BEAV_T2	0	0	0	0	0	0	0.06	0.01	0	0	0	0	0	0
1/30/2024 19:18	16302 ALPA_T2	0	0	0	0	0	0	0.75	0.73	0	0	0	0	0	0
1/30/2024 19:18	53903 HAU_T2	2	2	0	0.9	1.2	0.3	-0.45	-0.43	0	0	0	0	0	0
1/30/2024 19:18	46702 RENO_T1	6	42	36	0.15	0.16	0.01	-0.12	-0.12	0	0	0	0	0	0
1/30/2024 19:18	64101 REFR_T1	0	0	0	0	0	0	-0.01	0.02	0	0	0	0	0	0
1/30/2024 19:18	64801 MONE_T2	0	0	0	0	0	0	-0.2	-0.23	0	0	0	0	0	0
1/30/2024 19:18	61303 EARL_T1	0	0	0	0	0	0	0.16	0.16	0	0	0	0	0	0
1/30/2024 19:18	43304 WATS_T2	6	15	9	0.3	0.33	0.03	-0.55	-0.54	0	0	0	0	0	0
1/30/2024 19:18	56501 ROCK_T2	2	2	0	0.25	0.15	-0.1	-1.33	-1.34	0	0	0	0	0	0
1/30/2024 19:18	49803 UNIV_T1	0	0	0	0	0	0	-0.97	-0.98	0	0	0	0	0	0
1/30/2024 19:18	53903 HAU_T2	2	2	0	0.9	1.2	0.3	-0.45	-0.43	0	0	0	0	0	0
1/30/2024 19:18	40902 JESH_T1	0	0	0	0	0	0	-0.63	-0.64	0	0	0	0	0	0
1/30/2024 19:18	67002 STHI_T2	6	25	19	0.2	0.13	-0.07	0.61	0.65	0	0	0	0	0	0
1/30/2024 19:18	46203 DANV_T2	13	17	4	0.28	0.27	-0.01	-0.81	-0.77	0	0	0	0	0	0
1/30/2024 19:18	42701 AUGU_T1	2	3	1	2.15	1.13	-1.02	0	0	0	0	0	0	0	0
1/30/2024 19:18	46801 HEPB_T2	0	0	0	0	0	0	0.7	0.69	0	0	0	0	0	0
1/30/2024 19:18	40502 CRES_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1/30/2024 19:19	45402 WBLO_T2	1	1	0	0.4	0.1	-0.3	-0.6	-0.59	0	0	0	0	0	0
1/30/2024 19:19	58402 MORO_T1	0	0	0	0	0	0	-0.78	-0.84	0	0	0	0	0	0
1/30/2024 19:19	53903 HAU_T2	2	2	0	0.9	1.2	0.3	0	0	0	0	0	0	0	0
1/30/2024 19:19	43304 WATS_T2	6	15	9	0.3	0.33	0.03	0	0	0	0	0	0	0	0
1/30/2024 19:19	64802 MONE_T2	0	0	0	0	0	0	-0.01	-0.01	0	0	0	0	0	0
1/30/2024 19:19	43001 ALWD_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1/30/2024 19:19	67001 STHI_T2	22	155	133	0.15	0.11	-0.04	0	0	0	0	0	0	0	0
1/30/2024 19:19	41902 REED_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1/30/2024 19:19	44201 POIN_T1	0	0	0	0	0	0	-1.39	-1.38	0	0	0	0	0	0
1/30/2024 19:19	40502 CRES_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1/30/2024 19:19	56802 BENV_T2	0	0	0	0	0	0	-1.26	-1.23	0	0	0	0	0	0
1/30/2024 19:19	62604 ENGL_T1	1	1	0	0.1	0.1	0	-0.4	-0.38	0	0	0	0	0	0
1/30/2024 19:19	46302 ROHR_T1	5	2	-3	0.86	1.85	0.99	0.29	0.25	0	0	0	0	0	0
1/30/2024 19:20	62604 ENGL_T1	1	1	0	0.1	0.1	0	-0.4	-0.38	0	0	0	0	0	0
1/30/2024 19:20	47403 PENS_T1	3	0	-3	0.1	0	-0.1	0	0	0	0	0	0	0	0
1/30/2024 19:20	40502 CRES_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1/30/2024 19:20	41402 BENT_T1	2	0	-2	0.15	0	-0.15	-1.49	-1.53	0	0	0	0	0	0
1/30/2024 19:20	56801 BENV_T1	4	7	3	0.23	0.64	0.41	-0.55	-0.55	0	0	0	0	0	0
1/30/2024 19:20	40603 PIGR_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1/30/2024 19:20	11104 EGYP_T1	0	6	6	0	0	0	0.38	0.37	0	0	0	0	0	0
1/30/2024 19:21	46206 DANV_T2	12	13	1	0.89	1.31	0.42	0	0	0	0	0	0	0	0
1/30/2024 19:21	43302 WATS_T2	1	3	2	0.1	0.13	0.03	0	0	0	0	0	0	0	0
1/30/2024 19:21	41801 GOCI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1/30/2024 19:22	43304 WATS_T2	6	15	9	0.3	0.33	0.03	-0.27	-0.27	0	0	0	0	0	0
1/30/2024 19:22	47901 HRDG_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1/30/2024 19:22	41902 REED_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1/30/2024 19:22	40502 CRES_T2	0	0	0	0	0

Appendix C - Grid Benefits Achieved in Each Instance of Active Management

1/31/2024 6:05	65001 NEFF_T2	0	0	0	0	0	0	-0.93	-0.87	0	0	0	0	0	0
1/31/2024 6:26	65001 NEFF_T2	0	0	0	0	0	0	-0.71	-0.69	0	0	0	0	0	0
1/31/2024 7:29	65001 NEFF_T2	0	0	0	0	0	0	-0.54	-0.49	0	0	0	0	0	0
1/31/2024 7:53	45502 DERR_T2	1	1	0	0.2	0	-0.2	0	0	0	0	0	0	0	0
1/31/2024 7:57	46206 DANV_T2	7	3	-4	0.91	0.25	-0.66	0	0	0	0	0	0	0	0
1/31/2024 8:00	53901 HALI_T2	2	109	107	0.1	0.38	0.28	-2.92	-2.89	0	0	0	0	0	0
1/31/2024 8:08	46206 DANV_T2	3	2	-1	0.43	0	-0.43	0	0	0	0	0	0	0	0
1/31/2024 8:11	45502 DERR_T2	0	1	1	0	0.2	0.2	0	0	0	0	0	0	0	0
1/31/2024 8:12	46204 DANV_T2	1	0	-1	1.8	0	-1.8	0	0	0	0	0	0	0	0
1/31/2024 8:15	65001 NEFF_T2	0	0	0	0	0	0	-0.5	-0.49	0	0	0	0	0	0
1/31/2024 8:20	54201 PENN_T1	263	22	-241	0.49	0.47	-0.02	-1.29	0.04	0	0	0	0	0	0
1/31/2024 8:22	56802 BENV_T2	20	2	-18	0.16	0.5	0.34	-1.36	-1.27	0	0	0	0	0	0
1/31/2024 8:25	56802 BENV_T2	20	2	-18	0.16	0.5	0.34	-1.27	-1.32	0	0	0	0	0	0
1/31/2024 8:32	55002 NEWP_T1	6	6	0	0.58	0.82	0.24	-0.22	-0.19	0	0	0	0	0	0
1/31/2024 8:39	53601 DALM_T2	3	5	2	0.6	0.7	0.1	0.03	0.11	0	0	0	0	0	0
1/31/2024 8:41	46203 DANV_T2	6	7	1	0.18	0.19	0.01	0	0	0	0	0	0	0	0
1/31/2024 8:42	46206 DANV_T2	0	1	1	0	0	0	5.58	5.66	0	0	0	0	0	0
1/31/2024 8:43	65001 NEFF_T2	0	0	0	0	0	0	-0.42	-0.47	0	0	0	0	0	0
1/31/2024 8:45	49803 UNIV_T1	0	0	0	0	0	0	-0.93	-0.91	0	0	0	0	0	0
1/31/2024 8:53	40502 CRES_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1/31/2024 8:58	40502 CRES_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1/31/2024 9:00	54505 ENOL_T2	1	1	0	0.6	0.6	0	-1.14	-1.16	0	0	0	0	0	0
1/31/2024 9:00	14403 SSLA_T1	0	0	0	0	0	0	1.62	1.64	0	0	0	0	0	0
1/31/2024 9:00	42001 MNVL_T2	0	0	0	0	0	0	0.12	0.22	0	0	0	0	0	0
1/31/2024 9:00	27502 WEIS_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1/31/2024 9:00	53903 HALI_T2	2	2	0	1.4	1.35	-0.05	-0.13	-0.14	0	0	0	0	0	0
1/31/2024 9:00	53501 EVIL_T2	4	5	1	0.53	0.58	0.05	-1.34	-1.24	0	0	0	0	0	0
1/31/2024 9:00	42903 MIDD_T2	0	0	0	0	0	0	0.19	1.12	0	0	0	0	0	0
1/31/2024 9:00	67503 WEWI_T2	0	0	0	0	0	0	0.09	0.09	0	0	0	0	0	0
1/31/2024 9:00	44201 POIN_T1	0	0	0	0	0	0	-1.71	-2.33	0	0	0	0	0	0
1/31/2024 9:00	40502 CRES_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1/31/2024 9:00	13905 SEID_T1	0	0	0	0	0	0	-0.97	-0.96	0	0	0	0	0	0
1/31/2024 9:00	43001 ALWD_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1/31/2024 9:00	65001 NEFF_T2	0	0	0	0	0	0	-0.47	-0.4	0	0	0	0	0	0
1/31/2024 9:00	47101 MARL_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1/31/2024 9:00	23401 HONE_T2	0	1	1	0	0	0	-0.16	-0.19	0	0	0	0	0	0
1/31/2024 9:00	29401 BELT_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1/31/2024 9:00	16101 BING_T2	90	101	11	0.62	0.76	0.14	-0.45	-0.42	0	0	0	0	0	0
1/31/2024 9:00	43304 WATS_T2	0	0	0	0	0	0	-0.23	-0.21	0	0	0	0	0	0
1/31/2024 9:01	43301 WATS_T2	0	0	0	0	0	0	-0.68	-0.68	0	0	0	0	0	0
1/31/2024 9:02	56802 BENV_T2	2	3	1	0.6	0.53	-0.07	-1.34	-1.33	0	0	0	0	0	0
1/31/2024 9:02	16302 ALPA_T2	0	0	0	0	0	0	0.79	0.76	0	0	0	0	0	0
1/31/2024 9:06	45601 WOOL_T1	0	0	0	0	0	0	0.19	0.23	0	0	0	0	0	0
1/31/2024 9:06	59102 WALK_T2	0	0	0	0	0	0	-0.26	-0.24	0	0	0	0	0	0
1/31/2024 9:07	67502 WEWI_T2	0	0	0	0	0	0	-0.96	-1.01	0	0	0	0	0	0
1/31/2024 9:07	60801 BUCK_T1	0	0	0	0	0	0	-0.48	-0.6	0	0	0	0	0	0
1/31/2024 9:07	41902 REED_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1/31/2024 9:07	60701 BREC_T1	0	0	0	0	0	0	-0.45	-0.47	0	0	0	0	0	0
1/31/2024 9:07	46004 BERW_T2	0	0	0	0	0	0	-0.29	-0.33	0	0	0	0	0	0
1/31/2024 9:08	67402 WAKE_T2	0	0	0	0	0	0	0.53	0.54	0	0	0	0	0	0
1/31/2024 9:08	58402 MORO_T1	0	0	0	0	0	0	-0.06	-0.08	0	0	0	0	0	0
1/31/2024 9:08	16302 ALPA_T2	0	0	0	0	0	0	0.79	0.76	0	0	0	0	0	0
1/31/2024 9:08	67502 WEWI_T2	0	0	0	0	0	0	-0.96	-1.01	0	0	0	0	0	0
1/31/2024 9:08	46206 DANV_T2	1	2	1	0.4	0.2	-0.2	5.58	5.6	0	0	0	0	0	0
1/31/2024 9:08	59101 WALK_T2	0	0	0	0	0	0	1.69	1.85	0	0	0	0	0	0
1/31/2024 9:10	67502 WEWI_T2	0	0	0	0	0	0	-1.01	-1.05	0	0	0	0	0	0
1/31/2024 9:10	45501 DERR_T2	1	1	0	0	0	0	0.81	0.72	0	0	0	0	0	0
1/31/2024 9:10	46203 DANV_T2	6	19	13	0.18	0.23	0.05	-1.68	-1.79	0	0	0	0	0	0
1/31/2024 9:10	53601 DALM_T2	4	3	-1	0.73	0.8	0.07	0.07	0.12	0	0	0	0	0	0
1/31/2024 9:11	46203 DANV_T2	6	19	13	0.18	0.23	0.05	-0.84	-0.9	0	0	0	0	0	0
1/31/2024 9:12	46203 DANV_T2	6	19	13	0.18	0.23	0.05	0	0	0	0	0	0	0	0
1/31/2024 9:12	45501 DERR_T2	1	1	0	0	0	0	0.81	0.72	0	0	0	0	0	0
1/31/2024 9:13	53901 HALI_T2	136	147	11	0.48	0.6	0.12	-1.49	-1.45	0	0	0	0	0	0
1/31/2024 9:18	58402 MORO_T1	0	0	0	0	0	0	-0.08	-0.08	0	0	0	0	0	0
1/31/2024 9:18	13503 MCMI_T2	0	0	0	0	0	0	-0.73	-0.73	0	0	0	0	0	0
1/31/2024 9:21	55002 NEWP_T1	6	6	0	0.78	1.07	0.29	-0.19	-0.21	0	0	0	0	0	0
1/31/2024 9:22	56802 BENV_T2	3	10	7	0.53	0.26	-0.27	-2.66	-2.52	0	0	0	0	0	0
1/31/2024 9:22	49803 UNIV_T1	0	0	0	0	0	0	-0.9	-0.93	0	0	0	0	0	0
1/31/2024 9:24	46203 DANV_T2	10	26	16	0.16	0.28	0.12	-0.9	-0.87	0	0	0	0	0	0
1/31/2024 9:24	56802 BENV_T2	3	10	7	0.53	0.26	-0.27	-2.52	-2.64	0	0	0	0	0	0
1/31/2024 9:24	29402 BELT_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1/31/2024 9:25	46203 DANV_T2	10	26	16	0.16	0.28	0.12	-0.9	-0.87	0	0	0	0	0	0
1/31/2024 9:25	56802 BENV_T2	3	10	7	0.53	0.26	-0.27	-2.52	-2.64	0	0	0	0	0	0
1/31/2024 9:25	10705 CATA_T2	0	0	0	0	0	0	-0.89	-0.88	0	0	0	0	0	0
1/31/2024 9:26	56802 BENV_T2	3	10	7	0.53	0.26	-0.27	-1.26	-1.32	0	0	0	0	0	0
1/31/2024 9:26	46203 DANV_T2	10	26	16	0.16	0.28	0.12	-0.9	-0.87	0	0	0	0	0	0
1/31/2024 9:28	20601 GRWO_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1/31/2024 9:30	20601 GRWO_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1/31/2024 9:33	55002 NEWP_T1	6	6	0	0.88	1.18	0.3	-0.21	-0.2	0	0	0	0	0	0
1/31/2024 9:33	41902 REED_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1/31/2024 9:34	55002 NEWP_T1	6	6	0	0.88	1.18	0.3	-0.21	-0.2	0	0	0	0	0	0
1/31/2024 9:34	41902 REED_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1/31/2024 9:35	55002 NEWP_T1	6	6	0	0.88	1.18	0.3	-0.42	-0.4	0	0	0	0	0	0
1/31/2024 9:37	43202 MVIL_T2	0	4	4	0	0.13	0.13	-0.49	-0.51	0	0	0	0	0	0
1/31/2024 9:37	40101 HUNT_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1/31/2024 9:38	56802 BENV_T2	2	14	12	0.6	0.22	-0.38	-1.26	-1.32	0	0	0	0	0	0
1/31/2024 9:39	56802 BENV_T2	2	14	12	0.6	0.22	-0.38	-2.64	-2.64	0	0	0	0	0	0
1/31/2024 9:42	56802 BENV_T2	2	14	12	0.6	0.22	-0.38	-1.32	-1.32	0	0	0	0	0	0
1/31/2024 9:42	45802 HEGI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1/31/2024 9:42	26401 INOR_T1	0	1	1	0	0	0	0.89	0.96	0	0	0	0	0	0
1/31/2024 9:43	45802 HEGI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1/31/2024 9:44	41801 GOCI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1/31/2024 9:44	25501 MADI_T1	3	3	0	1.37	1.7	0.33	0.42	0.36	0	0	0	0	0	0
1/31/2024 9:45	41801 GOCI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1/31/2024 9:45	43202 MVIL_T2	3	5	2	2.17	0.14	-2.03	-0.51	-0.52	0	0	0	0	0	0
1/31/2024 9:47	43202 MVIL_T2	3	5	2	2.17	0.14	-2.03	-0.51	-0.52	0	0	0	0	0	0
1/31/2024 9:48	46702 RENO_T1	8	3	-5	0.16	0.17	0.01	-0.14	-0.12	0	0	0	0	0	0
1/31/2024 9:49	64101 REFR_T1	0	0	0	0	0	0	0.02	-0.01	0	0	0	0	0	0
1/31/2024 9:50	56501 ROCK_T2	2	1	-1	0.4	0	-0.4	-1.44	-1.41	0	0	0	0	0	0
1/31/2024 9:50	43304 WATS_T2	0	0	0	0	0	0	-0.2	-0.2	0	0	0	0	0	0
1/31/2024 9:50	64101 REFR_T1	0	0	0	0	0	0	0.03	-0.01	0	0	0	0	0	0
1/31/2024 9:50	67204 TEHI_T2	0	0	0	0	0	0	0.01	0	0	0	0	0	0	0
1/31/2024 9:51	64101 REFR_T1	0	0	0	0	0	0	0.02	-0.01	0	0	0	0	0	0
1/31/2024 9:51	67502 WEWI_T2	0	0	0	0	0	0	-1.09	-1.05	0	0	0	0	0	0
1/31/2024 9:51	43304 WATS_T2	0	0	0	0	0	0	-0.41	-0.41	0	0	0	0	0	0
1/31/2024 9:51	56501 ROCK_T2	2	1	-1	0.4	0	-0.4	-1.44	-1.41	0	0	0	0	0	0
1/31/2024 9:51	66503 SMAN_T2	0	2	2	0	0.1	0.1	0	0	0	0	0	0	0	0
1/31/2024 9:52	64101 REFR_T1	0	0	0	0	0	0	0.05	-0.02	0	0	0	0	0	0
1/31/2024 9:52	66503 SMAN_T2	0	2	2	0	0.1	0.1	0	0	0	0	0	0	0	0
1/31/2024 9:53	67503 WEWI_T2	0	0	0	0	0	0	-0.03	0.07	0	0	0	0	0	0
1/31/2024 9:53	67204 TEHI_T2	0	0	0	0	0	0	0.01	0	0	0	0	0	0	0
1/31/2024 9:53	43304 WATS_T2	0	0	0	0	0	0	-0.2	-0.22	0	0	0	0	0	0
1/31/2024 9:54	46203 DANV_T2	25	19	-6	0.28	0.26	-0.02	-0.89	-0.85	0	0	0	0	0	0
1/31/2024 9:54	43304 WATS_T2	0	0	0	0	0	0	-0.2	-0.22	0	0	0	0	0	0
1/31/2024 9:54	43402 BENT_T1	0	0	0	0	0	0	-0.87	-0.89	0	0	0	0	0	0
1/31/2024 9:54	20403 ASHF_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1/31/2024 9:54	64101 REFR_T1	0	0	0	0	0	0	-0.01	-0.01	0	0	0	0	0	0
1/31/2024 9:55	54502 ENOL_T2	0	1	1	0	0.1	0.1	0	0	0	0	0	0	0	0
1/31/2024 9:55	29401 BELT_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1/31/2024 9:56	43402 BENT_T1	0	0	0	0	0	0	-0.87	-0.89	0	0	0	0	0	0
1/31/2024 9:58	29402 BELT_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1/31/2024 10:00	59003 MIFF_T1	0	0	0	0	0	0	-1.77	-1.94	0	0	0	0	0	0
1/31/2024 10:01	55002 NEWP_T1	6	6	0	1.17	0.97	-0.2	-0.21	-0.19	0	0	0	0	0	0
1/31/2024 10:02	57304 MOAL_T2	0	0	0	0	0	0	-0.35	-0.33	0	0	0	0	0	0
1/31/2024 10:02	55002 NEWP_T1	6	6	0	1.17	0.97	-0.2	-0.21	-0.19	0	0	0	0	0	0
1/31/2024 10:03	57304 MOAL_T2	0	0	0	0	0	0	-0.35	-0.33	0	0	0	0	0	0
1/31/2024 10:03	55002 NEWP_T1	6	6	0	1.17	0.97	-0.2	-0.42	-0.38	0	0	0	0	0	0
1/31/2024 10:04	54001 SDLE_T1	4	4	0	0.4	0.4	0	0	0	0	0	0	0	0	0
1/31/2024 10:04	54206 PENN_T2	2	0	-2	0.2	0	-0.2	0	0	0	0	0	0	0	0
1/31/2024 10:04	40603 PIGR_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1/31/2024 10:05	57401 SPAN_T1	2	0	-2	0.2	0	-0.2	-0.98	-0.99	0	0	0	0	0	0
1/31/2024 10:05	54001 SDLE_T1	4	4	0	0.4	0.4	0	0	0	0	0	0	0	0	0
1/31/2024 10:05	42201 SHEN_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1/31/2024 10:05	65901 SAKR_T2	1	1	0	8.4	8.6	0.2	-0.94	-1.08	0	0	0	0	0	0
1/31/2024 10:06	65901 SAKR_T2	1	1	0	8.4	8.6	0.2	-0.94	-1.08	0	0	0	0	0	0
1/31/2024 10:06	55002 NEWP_T1	6	6	0	1.17	0.97	-0.2	-0.21	-0.19	0	0	0	0	0	0
1/31/2024 10:07	57401 SPAN_T1	2	0	-2	0.2	0	-0.2	-0.98	-0.99	0	0	0	0	0	0
1/31/2024 10:07	29401 BELT_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1/31/2024 10:07	54001 SDLE_T1	4	4	0	0.4	0.4	0	0	0	0	0	0	0	0	0
1/31/2024 10:07	59101 WALK_T2	0	0	0	0	0	0	5.33	4.8	0	0	0	0	0	0
1/31/2024 10:08	57401 SPAN_T1	2	0	-2	0.2	0	-0.2	-1.96	-1.98	0	0	0	0	0	0
1/31/2024 10:08	56802 BENV_T2	8	12	4	0.31	0.24	-0.07	-1.32	-1.33	0	0	0	0	0	0
1/31/2024 10:09	57401 SPAN_T1	2	0	-2	0.2	0	-0.2	-0.99	-1.03	0	0	0	0	0	0
1/31/2024 10:11	62604 ENGI_T1	0	0	0	0	0	0	-0.39	-0.44	0	0	0	0	0	0
1/31/2024 10:11	11104 EGYP_T1	0	0	0	0	0	0	0.34	0.36	0	0	0	0	0	0
1/31/2024 10:11	53501 EVIL_T2	8	8	0	1.73	1.3	-0.43	-2.57	-2.56	0	0	0	0	0	0
1/31/2024 10:11	56802 BENV_T2	8	12	4	0.31	0.24	-0.07	-1.33	-1.33	0	0	0	0	0	0
1/31/2024 10:11	40502 CRES_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1/31/2024 10:11	11104 EGYP_T1	0	0	0	0	0	0	0.34	0.36	0	0	0	0	0	0
1/31/2024 10:12	53501 EVIL_T2	8	8	0	1.73	1.3	-0.43	-2.57	-2.56	0	0	0	0	0	0
1/31/2024 10:12	27101 GFLD_T2	0	0	0	0	0	0	0.28	0.23	0	0	0	0	0	0
1/31/2024 10:12	40502 CRES_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1/31/2024 10:12	11104 EGYP_T1	0	0	0	0	0	0	0.34	0.36	0	0	0	0	0	0
1/31/2024 10:13	64204 KINZ_T1	1	1	0	0.6	1.2	0.6	0	0	0	0	0	0	0	0
1/31/2024 10:13	62604 ENGI_T1	0	0	0	0	0	0	-0.79	-0.89	0	0	0	0	0	0
1/31/2024 10:13	56802 BENV_T2	8	12	4	0.31	0.24	-0.07	-1.33	-1.33	0	0	0	0	0	0
1/31/2024 10:14	53501 EVIL_T2	8	8	0	1.73	1.3	-0.43	-1.28	-1.28	0	0	0	0	0	0
1/31/2024 10:14	62604 ENGI_T1	0	0	0	0	0	0	-0.79	-0.89	0	0	0	0	0	0
1/31/2024 10:15	43202 MVIL_T2	3	5	2	0.17	0.14	-0.03	0	0	0	0	0	0	0	0
1/31/2024 10:17	64204 KINZ_T1	1	1	0	0.7	1.3	0.6	0	0	0	0	0	0	0	0
1/31/2024 10:17	40602 PIGR_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1/31/2024 10:18	11104 EGYP_T1	0	0	0	0	0	0	0.34	0.36	0	0	0	0	0	0
1/31/2024 10:18	40602 PIGR_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1/31/2024 10:20	56501 ROCK_T2	0	1	1	0	0	0	-1.47	-1.47	0	0	0	0	0	0
1/31/2024 10:21	57401 SPAN_T1	0	2	2	0	0.15	0.15	-0.99	-1.03	0	0	0	0	0	0
1/31/2024 10:21	56501 ROCK_T2	0	1	1	0	0	0	-1.47	-1.47	0	0	0	0	0	0
1/31/2024 10:22	14403 SSLA_T1	0	0	0	0	0	0	0.78	0.72	0	0	0	0	0	0
1/31/2024 10:23	10801 CHHI_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1/31/2024 10:23	43304 WATS_T2	0	3	3	0	0	0	-0.22	-0.21	0	0	0	0	0	0
1/31/2024 10:23	10805 CHHI_T2	10	7	-3	2.76	2.49	-0.27	0	0	0	0	0	0	0	0
1/31/2024 10:24	57401 SPAN_T1	0	2	2	0	0.15	0.15	-1.03	-1	0	0	0	0	0	0
1/31/2024 10:25	43001 ALWD_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1/31/2024 10:25	17805 GILB_T2	0	2	2	0	0	0	0.27	0.22	0	0	0	0	0	0
1/31/2024 10:26	53903 HALI_T2	2	2	0	1.05	1.3	0.25	0	0	0	0	0	0	0	0
1/31/2024 10:26	46206 DANV_T2	9	13	4	0.47	1.28	0.81	0	0	0	0	0	0	0	0
1/31/2024 10:27	17802 GILB_T1	0	0	0	0	0	0	0.32	0.33	0	0	0	0	0	0
1/31/2024 10:27	17805 GILB_T2	0	2	2	0	0	0	0.27	0.22	0	0	0	0	0	0
1/31/2024 10:28	17802 GILB_T1	0	0	0	0	0	0	0.32	0.33	0	0	0	0	0	0
1/31/2024 10:28	64204 KINZ_T1	1	1	0	0.7	1.3	0.6	0	0	0	0	0	0	0	0
1/31/2024 10:29	53901 HALI_T2	118	136

1/31/2024 11:07	67503 WEWI_T2	0	0	0	0	0	0	0.03	-0.05	0	0	0	0	0	0
1/31/2024 11:07	57403 SPAN_T1	0	0	0	0	0	0	0.13	0.12	0	0	0	0	0	0
1/31/2024 11:08	56802 BENV_T2	30	61	31	0.2	0.21	0.01	-1.37	-1.36	0	0	0	0	0	0
1/31/2024 11:08	46203 DANV_T2	33	87	54	0.22	0.35	0.13	-1.7	-1.72	0	0	0	0	0	0
1/31/2024 11:08	46004 BERW_T2	0	0	0	0	0	0	-0.18	-0.18	0	0	0	0	0	0
1/31/2024 11:08	67204 TEHI_T2	0	0	0	0	0	0	-0.01	-0.01	0	0	0	0	0	0
1/31/2024 11:08	67503 WEWI_T2	0	0	0	0	0	0	0.03	-0.05	0	0	0	0	0	0
1/31/2024 11:08	66703 STRA_T1	1	4	3	0.1	0.15	0.05	0	-0.03	0	0	0	0	0	0
1/31/2024 11:08	57403 SPAN_T1	0	0	0	0	0	0	0.13	0.12	0	0	0	0	0	0
1/31/2024 11:09	56802 BENV_T2	30	61	31	0.2	0.21	0.01	-2.72	-2.66	0	0	0	0	0	0
1/31/2024 11:09	67204 TEHI_T2	0	0	0	0	0	0	-0.01	-0.02	0	0	0	0	0	0
1/31/2024 11:09	40502 CRES_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1/31/2024 11:11	56803 BENV_T1	1	0	-1	1.2	0	-1.2	0	0	0	0	0	0	0	0
1/31/2024 11:11	56802 BENV_T2	30	61	31	0.2	0.21	0.01	-1.36	-1.33	0	0	0	0	0	0
1/31/2024 11:12	56801 BENV_T1	7	8	1	0.73	0.59	-0.14	-0.7	-0.68	0	0	0	0	0	0
1/31/2024 11:12	46004 BERW_T2	0	0	0	0	0	0	-0.18	-0.18	0	0	0	0	0	0
1/31/2024 11:13	46206 DANV_T2	13	13	0	1.49	2.03	0.54	0	0	0	0	0	0	0	0
1/31/2024 11:15	53901 HAU_T2	2	97	95	0.15	0.36	0.21	-1.48	-1.46	0	0	0	0	0	0
1/31/2024 11:16	42902 MIDD_T2	0	0	0	0	0	0	-0.85	-0.8	0	0	0	0	0	0
1/31/2024 11:17	45702 LIND_T2	1	1	0	0.6	1.8	1.2	-0.42	-0.36	0	0	0	0	0	0
1/31/2024 11:18	66703 STRA_T1	3	4	1	0.13	0.23	0.1	-0.03	0.01	0	0	0	0	0	0
1/31/2024 11:20	13901 SEID_T1	0	0	0	0	0	0	0.28	0.24	0	0	0	0	0	0
1/31/2024 11:20	64801 MONE_T2	0	2	2	0	0.3	0.3	-0.27	-0.25	0	0	0	0	0	0
1/31/2024 11:23	67502 WEWI_T2	0	0	0	0	0	0	-2.11	-2.08	0	0	0	0	0	0
1/31/2024 11:24	54206 PENN_T2	0	2	2	0	0.1	0.1	0	0	0	0	0	0	0	0
1/31/2024 11:24	43001 ALWD_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1/31/2024 11:25	67605 WARW_T1	0	0	0	0	0	0	-1.03	-1.06	0	0	0	0	0	0
1/31/2024 11:25	67502 WEWI_T2	0	0	0	0	0	0	-1.04	-0.96	0	0	0	0	0	0
1/31/2024 11:25	44301 BEAV_T2	2	1	-1	0.85	0.5	-0.35	0.38	0.68	0	0	0	0	0	0
1/31/2024 11:26	55105 WERT_T1	0	0	0	0	0	0	-0.55	-0.54	0	0	0	0	0	0
1/31/2024 11:28	40101 HUNT_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1/31/2024 11:28	16101 BING_T2	72	87	15	0.5	0.63	0.13	-0.47	-0.43	0	0	0	0	0	0
1/31/2024 11:29	61505 EPET_T1	0	0	0	0	0	0	0.43	0.44	0	0	0	0	0	0
1/31/2024 11:30	43001 ALWD_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1/31/2024 11:30	64801 MONE_T2	0	2	2	0	0.35	0.35	-0.25	-0.25	0	0	0	0	0	0
1/31/2024 11:33	40603 PIGR_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1/31/2024 11:33	64801 MONE_T2	0	2	2	0	0.35	0.35	0	0	0	0	0	0	0	0
1/31/2024 11:33	44901 SCOT_T2	0	0	0	0	0	0	0.05	0.04	0	0	0	0	0	0
1/31/2024 11:33	44601 SALE_T2	0	1	1	0	0	0	0.66	0.81	0	0	0	0	0	0
1/31/2024 11:35	67204 TEHI_T2	0	0	0	0	0	0	-0.02	-0.02	0	0	0	0	0	0
1/31/2024 11:35	57401 SPAN_T1	0	2	2	0	0.45	0.45	-2.97	-3.09	0	0	0	0	0	0
1/31/2024 11:36	57401 SPAN_T1	0	2	2	0	0.45	0.45	-0.99	-1.03	0	0	0	0	0	0
1/31/2024 11:36	44901 SCOT_T2	0	0	0	0	0	0	0.05	0.04	0	0	0	0	0	0
1/31/2024 11:37	59101 WALK_T2	0	0	0	0	0	0	6.09	6	0	0	0	0	0	0
1/31/2024 11:37	57401 SPAN_T1	0	2	2	0	0.45	0.45	-1.98	-2.06	0	0	0	0	0	0
1/31/2024 11:37	14403 SSLA_T1	0	0	0	0	0	0	0.84	0.81	0	0	0	0	0	0
1/31/2024 11:37	67203 TEHI_T1	0	0	0	0	0	0	1.82	2.05	0	0	0	0	0	0
1/31/2024 11:37	55105 WERT_T1	0	0	0	0	0	0	-0.55	-0.54	0	0	0	0	0	0
1/31/2024 11:38	45602 WOOL_T1	4	4	0	0.4	0.47	0.07	0	0	0	0	0	0	0	0
1/31/2024 11:38	59101 WALK_T2	0	0	0	0	0	0	2.03	2	0	0	0	0	0	0
1/31/2024 11:38	29402 BELT_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1/31/2024 11:38	40502 CRES_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1/31/2024 11:39	45503 DERR_T2	2	1	-1	0.3	0	-0.3	1.38	1.32	0	0	0	0	0	0
1/31/2024 11:39	59101 WALK_T2	0	0	0	0	0	0	2	2.05	0	0	0	0	0	0
1/31/2024 11:39	67204 TEHI_T2	0	0	0	0	0	0	-0.02	0.01	0	0	0	0	0	0
1/31/2024 11:39	14403 SSLA_T1	0	0	0	0	0	0	0.81	0.75	0	0	0	0	0	0
1/31/2024 11:39	57401 SPAN_T1	0	2	2	0	0.45	0.45	-1.03	-0.95	0	0	0	0	0	0
1/31/2024 11:40	29401 BELT_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1/31/2024 11:40	45501 DERR_T2	2	1	-1	0.3	0	-0.3	0.69	0.66	0	0	0	0	0	0
1/31/2024 11:40	40502 CRES_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1/31/2024 11:40	57403 SPAN_T1	0	0	0	0	0	0	0.26	0.2	0	0	0	0	0	0
1/31/2024 11:40	59101 WALK_T2	0	0	0	0	0	0	2	2.05	0	0	0	0	0	0
1/31/2024 11:40	54502 ENOL_T2	0	1	1	0	0.2	0.2	0	0	0	0	0	0	0	0
1/31/2024 11:40	43001 ALWD_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1/31/2024 11:41	54502 ENOL_T2	0	1	1	0	0.2	0.2	0	0	0	0	0	0	0	0
1/31/2024 11:41	67605 WARW_T1	0	0	0	0	0	0	-1.06	-0.98	0	0	0	0	0	0
1/31/2024 11:41	54503 ENOL_T2	0	0	0	0	0	0	-1.14	-1.21	0	0	0	0	0	0
1/31/2024 11:41	40502 CRES_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1/31/2024 11:41	54501 ENOL_T2	0	0	0	0	0	0	0.15	0.18	0	0	0	0	0	0
1/31/2024 11:41	28604 BLYT_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1/31/2024 11:41	29401 BELT_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1/31/2024 11:41	45501 DERR_T2	2	1	-1	0.3	0	-0.3	0.69	0.66	0	0	0	0	0	0
1/31/2024 11:41	61303 EARL_T1	0	0	0	0	0	0	0.41	0.39	0	0	0	0	0	0
1/31/2024 11:42	50103 HARR_T3	2	2	0	0.95	0.65	-0.3	-0.69	-0.81	0	0	0	0	0	0
1/31/2024 11:42	29402 BELT_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1/31/2024 11:43	54502 ENOL_T2	0	1	1	0	0.2	0.2	-1.16	-1.05	0	0	0	0	0	0
1/31/2024 11:43	53903 HAU_T2	2	2	0	1.1	1.4	0.3	-0.4	-0.36	0	0	0	0	0	0
1/31/2024 11:43	61303 EARL_T1	0	0	0	0	0	0	0.82	0.78	0	0	0	0	0	0
1/31/2024 11:43	53901 HAU_T2	10	98	88	0.14	0.36	0.22	-3.05	-2.97	0	0	0	0	0	0
1/31/2024 11:43	54501 ENOL_T2	0	0	0	0	0	0	0.15	0.18	0	0	0	0	0	0
1/31/2024 11:44	20601 GRWO_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1/31/2024 11:44	59301 MCAL_T1	2	2	0	0.3	0.8	0.5	-1.78	-1.79	0	0	0	0	0	0
1/31/2024 11:44	64702 LITI_T2	0	0	0	0	0	0	-0.82	-0.84	0	0	0	0	0	0
1/31/2024 11:45	54505 ENOL_T2	1	1	0	0.8	1	0.2	0	0	0	0	0	0	0	0
1/31/2024 11:45	53901 HAU_T2	97	89	-8	0.36	0.3	-0.06	-1.52	-1.48	0	0	0	0	0	0
1/31/2024 11:45	54505 ENOL_T2	1	1	0	0.8	1	0.2	0	0	0	0	0	0	0	0
1/31/2024 11:45	64702 LITI_T2	0	0	0	0	0	0	-0.82	-0.84	0	0	0	0	0	0
1/31/2024 11:45	61303 EARL_T1	0	0	0	0	0	0	0.41	0.39	0	0	0	0	0	0
1/31/2024 11:45	43001 ALWD_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1/31/2024 11:46	64204 KINZ_T1	1	1	0	1	1.2	0.2	0	0	0	0	0	0	0	0
1/31/2024 11:46	53903 HAU_T2	2	2	0	1.35	1.5	0.15	-0.13	-0.12	0	0	0	0	0	0
1/31/2024 11:46	53901 HAU_T2	97	89	-8	0.36	0.3	-0.06	-6.1	-5.93	0	0	0	0	0	0
1/31/2024 11:47	46801 HEPB_T2	2	2	0	0.15	0.3	0.15	0.68	0.68	0	0	0	0	0	0
1/31/2024 11:47	59302 MCAL_T1	0	0	0	0	0	0	-0.39	-0.47	0	0	0	0	0	0
1/31/2024 11:47	50201 HARR_T3	2	2	0	3.5	4.05	0.55	0	0	0	0	0	0	0	0
1/31/2024 11:47	64202 KINZ_T1	2	2	0	0.55	0.65	0.1	0	0	0	0	0	0	0	0
1/31/2024 11:47	53901 HAU_T2	97	89	-8	0.36	0.3	-0.06	-1.52	-1.48	0	0	0	0	0	0
1/31/2024 11:48	64702 LITI_T2	0	0	0	0	0	0	-0.82	-0.84	0	0	0	0	0	0
1/31/2024 11:49	44901 SCOT_T2	0	0	0	0	0	0	0.04	0.06	0	0	0	0	0	0
1/31/2024 11:50	43304 WATS_T2	0	0	0	0	0	0	-0.73	-0.84	0	0	0	0	0	0
1/31/2024 11:50	43301 WATS_T2	0	0	0	0	0	0	-0.72	-0.7	0	0	0	0	0	0
1/31/2024 11:50	44904 SCOT_T1	0	0	0	0	0	0	0.03	0.05	0	0	0	0	0	0
1/31/2024 11:51	43301 WATS_T2	0	0	0	0	0	0	-0.72	-0.7	0	0	0	0	0	0
1/31/2024 11:52	43304 WATS_T2	0	0	0	0	0	0	-0.24	-0.28	0	0	0	0	0	0
1/31/2024 11:52	43304 WATS_T2	0	0	0	0	0	0	-0.24	-0.28	0	0	0	0	0	0
1/31/2024 11:52	44901 SCOT_T2	0	0	0	0	0	0	0.04	0.06	0	0	0	0	0	0
1/31/2024 11:53	54205 PENN_T1	39	64	25	0.1	0.2	0.1	0	0	0	0	0	0	0	0
1/31/2024 11:54	43301 WATS_T2	0	0	0	0	0	0	-0.7	-0.67	0	0	0	0	0	0
1/31/2024 11:54	43304 WATS_T2	0	0	0	0	0	0	-0.28	-0.33	0	0	0	0	0	0
1/31/2024 11:54	45602 WOOL_T1	4	4	0	0.33	0.63	0.3	0	0	0	0	0	0	0	0
1/31/2024 11:55	43304 WATS_T2	0	0	0	0	0	0	-0.28	-0.33	0	0	0	0	0	0
1/31/2024 11:56	60801 BUCK_T1	0	0	0	0	0	0	-0.56	-0.66	0	0	0	0	0	0
1/31/2024 11:56	53501 EVIL_T2	9	9	0	1.4	1.19	-0.21	-2.94	-2.85	0	0	0	0	0	0
1/31/2024 11:56	43001 ALWD_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1/31/2024 11:56	28604 BLYT_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1/31/2024 11:56	54505 ENOL_T2	1	1	0	0.8	1	0.2	-1.2	-1.19	0	0	0	0	0	0
1/31/2024 11:57	46801 HEPB_T2	2	2	0	0.15	0.3	0.15	0.68	0.64	0	0	0	0	0	0
1/31/2024 11:57	53501 EVIL_T2	9	9	0	1.4	1.19	-0.21	-1.47	-1.43	0	0	0	0	0	0
1/31/2024 11:58	53501 EVIL_T2	9	9	0	1.4	1.19	-0.21	-1.47	-1.43	0	0	0	0	0	0
1/31/2024 11:58	65001 NEFF_T2	0	0	0	0	0	0	-0.47	-0.46	0	0	0	0	0	0
1/31/2024 12:00	59301 MCAL_T1	2	2	0	0.8	0.8	0	-1.79	-1.82	0	0	0	0	0	0
1/31/2024 12:00	53501 EVIL_T2	9	9	0	0.83	1.17	0.34	-1.47	-1.43	0	0	0	0	0	0
1/31/2024 12:00	64802 MONE_T2	0	1	1	0	0.1	0.1	0.05	0.01	0	0	0	0	0	0
1/31/2024 12:00	20601 GRWO_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1/31/2024 12:01	20601 GRWO_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1/31/2024 12:02	64802 MONE_T2	0	1	1	0	0.1	0.1	0	0	0	0	0	0	0	0
1/31/2024 12:03	59301 MCAL_T1	2	2	0	0.8	0.8	0	0	0	0	0	0	0	0	0
1/31/2024 12:04	40603 PIGR_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1/31/2024 12:05	44601 SALE_T2	0	0	0	0	0	0	0.65	0.35	0	0	0	0	0	0
1/31/2024 12:07	54202 PENN_T2	0	11	11	0	0.11	0.11	0	0	0	0	0	0	0	0
1/31/2024 12:09	40502 CRES_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1/31/2024 12:10	61303 EARL_T1	0	0	0	0	0	0	0.36	0.37	0	0	0	0	0	0
1/31/2024 12:10	40502 CRES_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1/31/2024 12:11	40502 CRES_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1/31/2024 12:11	61303 EARL_T1	0	0	0	0	0	0	0.72	0.74	0	0	0	0	0	0
1/31/2024 12:12	54505 ENOL_T2	1	1	0	1	1	0	-1.19	-1.17	0	0	0	0	0	0
1/31/2024 12:12	61303 EARL_T1	0	0	0	0	0	0	0.36	0.37	0	0	0	0	0	0
1/31/2024 12:12	52202 DEVO_T2	0	0	0	0	0	0	-1.38	-1.35	0	0	0	0	0	0
1/31/2024 12:12	40502 CRES_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1/31/2024 12:13	54505 ENOL_T2	1	1	0	1	1	0	-2.38	-2.34	0	0	0	0	0	0
1/31/2024 12:13	40502 CRES_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1/31/2024 12:13	46801 HEPB_T2	2	2	0	0.1	0.3	0.2	0.64	0.66	0	0	0	0	0	0
1/31/2024 12:13	54502 ENOL_T2	1	1	0	0.2	0.3	0.1	0	0	0	0	0	0	0	0
1/31/2024 12:15	54502 ENOL_T2	1	1	0	0.1	0.3	0.2	0	0	0	0	0	0	0	0
1/31/2024 12:15	54503 ENOL_T2	0	0	0	0	0	0	-1.19	-1.18	0	0	0	0	0	0
1/31/2024 12:15	54505 ENOL_T2	1	1	0	1	1	0	-1.19	-1.17	0	0	0	0	0	0
1/31/2024 12:15	20601 GRWO_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1/31/2024 12:16	47401 PENS_T1	0	0	0	0	0	0	0.8	0.86	0	0	0	0	0	0
1/31/2024 12:16	54505 ENOL_T2	1	1	0	1	1	0	0	0	0	0	0	0	0	0
1/31/2024 12:17	20601 GRWO_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1/31/2024 12:17	47401 PENS_T1	0	0	0	0	0	0	0.8	0.86	0	0	0	0	0	0
1/31/2024 12:20	45601 WOOL_T1	0	0	0	0	0	0	0.02	-0.02	0	0	0	0	0	0
1/31/2024 12:21	47401 PENS_T1	0	0	0	0	0	0	0.8	0.86	0	0	0	0	0	0
1/31/2024 12:22	58001 WCAR_T1	4	4	0	0.48	0.53	0.05	0	0	0	0	0	0	0	0
1/31/2024 12:22	43001 ALWD_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1/31/2024 12:24	54201 PENN_T1	100	103	3	0.38	0.37	-0.01	0	0	0	0	0	0	0	0
1/31/2024 12:25	58001 WCAR_T1	4	4	0	0.48	0.53	0.05	0	0	0	0	0	0	0	0
1/31/2024 12:26	53501 EVIL_T2	8	9	1	1.26	1.02	-0.24	-1.42	-1.33	0	0	0	0	0	0
1/31/2024 12:28	53501 EVIL_T2	8	9	1	1.26	1.02	-0.24	-2.83	-2.67	0	0	0	0	0	0
1/31/2024 12:29	42902 MIDD_T2	0	0	0	0	0	0	-0.1	-0.12	0	0	0	0	0	0
1/31/2024 12:29	53501 EVIL_T2	8	9	1	1.26	1.02	-0.24	-1.42	-1.33	0	0	0	0	0	0
1/31/2024 12:30	53501 EVIL_T2	9	6	-3	1.02	0.22	-0.8	-1.42	-1.33	0	0	0	0	0	0
1/31/2024 12:32	54701 NEBL_T1	2	2	0	0.3	0.2	-0.1	0	0	0	0	0	0	0	0
1/31/2024 12:33	54701 NEBL_T1	2	2	0	0.3	0.2	-0.1	0	0	0	0	0	0	0	0
1/31/2024 12:34	14403 SSLA_T1	0	0	0	0	0	0	0.87	0.77	0	0	0	0	0	0
1/31/2024 12:37	14403 SSLA_T1	0	0	0	0	0	0	0.87	0.77	0	0	0	0	0	0
1/31/2024 12:45	59302 MCAL_T1	0	0	0	0	0	0	-0.11	-0.14	0	0	0	0	0	0
1/31/2024 12:47	59301 MCAL_T1	2	2	0	0.45	0.75	0.3	-1.83	-1.85	0	0	0	0	0	0
1/31/2024 12:54	28604 BLYT_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1/31/2024 12:57	20601 GRWO_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1/31/2024 12:57	44901 SCOT_T2	0	0	0	0	0	0	0	-0.01	0	0	0	0	0	0
1/31/2024 12:59	53903 HAU_T2	2	2	0	1.3	1.5	0.2	-0.13	-0.14	0	0	0	0	0	0
1/31/2024 12:59	53903 HAU_T2	2	2	0	1.3	1.5	0.2	-0.13	-0.14	0	0	0	0	0	0
1/31/2024 12:59	20601 GRWO_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1/31/2024 13:00	65001 NEFF_T2	0	4	4	0	0.1	0.1	-0.49	-0.44	0	0	0	0	0	0
1/31/2024 13:00	53903 HAU_T2	2	2	0	1.5	1.4	-0.1	0	0	0	0	0	0	0	0
1/31/2024 13:01	53901 HAU_T2	52	50	-2	0.26	0.24	-0.02	-3.05	-3.01	0	0	0	0	0	0
1/31/2024 13:01	53901 HAU_T2	52	50	-2	0.26	0.24	-0.02	-3.05	-3.01	0	0	0	0	0	0
1/31/2024 13:02	53903 HAU_T2	2	2	0	1.5	1.4	-0.1	-0.26	-0.28	0	0	0	0	0	0
1/31/2024 13:06	59101 WALK_T2	0	0	0	0	0	0	5.49	2.94

1/31/2024 14:10	47403 PENS_T1	1	1	0	1.7	1.6	-0.1	0	0	0	0	0	0	0	0
1/31/2024 14:10	61303 EARL_T1	0	0	0	0	0	0	0.36	0.49	0	0	0	0	0	0
1/31/2024 14:10	24902 WHHA_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1/31/2024 14:10	44301 BEAV_T2	1	0	-1	0.4	0	-0.4	-0.02	-0.44	0	0	0	0	0	0
1/31/2024 14:10	59101 WALK_T2	0	0	0	0	0	0	1.69	1.85	0	0	0	0	0	0
1/31/2024 14:11	61303 EARL_T1	0	0	0	0	0	0	0.72	0.98	0	0	0	0	0	0
1/31/2024 14:12	43001 ALWD_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1/31/2024 14:12	53903 HALI_T2	2	2	0	1.6	1.5	-0.1	-0.14	-0.13	0	0	0	0	0	0
1/31/2024 14:12	53501 EVIL_T2	8	9	1	0.93	1.21	0.28	-1.36	-1.43	0	0	0	0	0	0
1/31/2024 14:13	53501 EVIL_T2	8	9	1	0.93	1.21	0.28	-2.71	-2.87	0	0	0	0	0	0
1/31/2024 14:13	53903 HALI_T2	76	125	49	0.28	0.45	0.17	0	0	0	0	0	0	0	0
1/31/2024 14:14	53501 EVIL_T2	8	9	1	0.93	1.21	0.28	-2.71	-2.87	0	0	0	0	0	0
1/31/2024 14:14	40101 HUNT_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1/31/2024 14:14	25501 MADI_T1	0	0	0	0	0	0	0.35	0.37	0	0	0	0	0	0
1/31/2024 14:15	53901 HALI_T2	63	127	64	0.25	0.45	0.2	0	0	0	0	0	0	0	0
1/31/2024 14:15	59003 MIFF_T1	0	1	1	0	0.2	0.2	-0.06	-0.32	0	0	0	0	0	0
1/31/2024 14:17	64802 MONE_T2	1	4	3	0.1	0.1	0	-0.01	0.02	0	0	0	0	0	0
1/31/2024 14:17	65003 NEFF_T2	4	4	0	0.23	0.2	-0.03	0	0	0	0	0	0	0	0
1/31/2024 14:18	64101 REFR_T1	0	0	0	0	0	0	-0.22	-0.1	0	0	0	0	0	0
1/31/2024 14:18	54202 PENN_T2	302	222	-80	0.22	0.2	-0.02	0.68	0.69	0	0	0	0	0	0
1/31/2024 14:19	46301 ROHR_T1	30	67	37	0.17	0.19	0.02	0	0	0	0	0	0	0	0
1/31/2024 14:19	57403 SPAN_T1	4	3	-1	0.23	0.13	-0.1	0	0	0	0	0	0	0	0
1/31/2024 14:19	56501 ROCK_T2	9	7	-2	0.13	0.2	0.07	-1.53	-1.47	0	0	0	0	0	0
1/31/2024 14:20	60605 NCOL_T2	0	0	0	0	0	0	-1.31	-1.33	0	0	0	0	0	0
1/31/2024 14:20	64101 REFR_T1	0	0	0	0	0	0	-0.44	-0.19	0	0	0	0	0	0
1/31/2024 14:20	56501 ROCK_T2	9	7	-2	0.13	0.2	0.07	-3.05	-2.95	0	0	0	0	0	0
1/31/2024 14:21	59101 WALK_T2	0	0	0	0	0	0	1.69	1.85	0	0	0	0	0	0
1/31/2024 14:21	40603 PIGR_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1/31/2024 14:21	43301 WATS_T2	0	0	0	0	0	0	-0.7	-0.66	0	0	0	0	0	0
1/31/2024 14:21	43304 WATS_T2	3	1	-2	0.73	0	-0.73	-0.25	-0.3	0	0	0	0	0	0
1/31/2024 14:22	43304 WATS_T2	3	1	-2	0.73	0	-0.73	-0.25	-0.3	0	0	0	0	0	0
1/31/2024 14:22	57401 SPAN_T1	2	2	0	0.55	0.55	0	-0.88	-0.94	0	0	0	0	0	0
1/31/2024 14:22	56501 ROCK_T2	9	7	-2	0.13	0.2	0.07	0	0	0	0	0	0	0	0
1/31/2024 14:22	43304 WATS_T2	3	1	-2	0.73	0	-0.73	-0.25	-0.3	0	0	0	0	0	0
1/31/2024 14:22	57401 SPAN_T1	2	2	0	0.55	0.55	0	-0.88	-0.94	0	0	0	0	0	0
1/31/2024 14:22	49803 UNIV_T1	0	0	0	0	0	0	-1.05	-0.89	0	0	0	0	0	0
1/31/2024 14:22	64101 REFR_T1	0	0	0	0	0	0	-0.22	-0.1	0	0	0	0	0	0
1/31/2024 14:22	44302 BEAV_T2	0	0	0	0	0	0	0.25	0.24	0	0	0	0	0	0
1/31/2024 14:23	28604 BLYT_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1/31/2024 14:23	56501 ROCK_T2	9	7	-2	0.13	0.2	0.07	-1.53	-1.47	0	0	0	0	0	0
1/31/2024 14:23	57403 SPAN_T1	4	3	-1	0.23	0.13	-0.1	0.12	0.08	0	0	0	0	0	0
1/31/2024 14:23	67605 WARW_T1	0	4	4	0	0.15	0.15	-0.99	-1.06	0	0	0	0	0	0
1/31/2024 14:23	43304 WATS_T2	3	1	-2	0.73	0	-0.73	-0.59	-0.65	0	0	0	0	0	0
1/31/2024 14:23	43001 ALWD_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1/31/2024 14:23	59101 WALK_T2	0	0	0	0	0	0	1.69	1.85	0	0	0	0	0	0
1/31/2024 14:23	57403 SPAN_T1	4	3	-1	0.23	0.13	-0.1	0.12	0.08	0	0	0	0	0	0
1/31/2024 14:23	49803 UNIV_T1	0	0	0	0	0	0	-0.89	-0.98	0	0	0	0	0	0
1/31/2024 14:24	43301 WATS_T2	0	0	0	0	0	0	-0.66	-0.71	0	0	0	0	0	0
1/31/2024 14:24	43304 WATS_T2	3	1	-2	0.73	0	-0.73	-0.3	-0.32	0	0	0	0	0	0
1/31/2024 14:24	44301 BEAV_T2	0	0	0	0	0	0	-0.88	0.38	0	0	0	0	0	0
1/31/2024 14:25	53501 EVIL_T2	9	9	0	1.18	1.49	0.31	-1.43	-1.57	0	0	0	0	0	0
1/31/2024 14:25	43301 WATS_T2	0	0	0	0	0	0	-1.31	-1.42	0	0	0	0	0	0
1/31/2024 14:25	41402 BENT_T1	0	0	0	0	0	0	-0.92	-0.92	0	0	0	0	0	0
1/31/2024 14:25	57401 SPAN_T1	2	2	0	0.55	0.55	0	-0.94	-0.75	0	0	0	0	0	0
1/31/2024 14:25	59101 WALK_T2	0	0	0	0	0	0	1.85	1.98	0	0	0	0	0	0
1/31/2024 14:25	43301 WATS_T2	0	0	0	0	0	0	-1.31	-1.42	0	0	0	0	0	0
1/31/2024 14:26	61303 EARL_T1	0	0	0	0	0	0	0.49	0.29	0	0	0	0	0	0
1/31/2024 14:26	44301 BEAV_T2	0	0	0	0	0	0	-0.44	0.19	0	0	0	0	0	0
1/31/2024 14:27	43402 BENT_T1	0	0	0	0	0	0	-0.92	-0.92	0	0	0	0	0	0
1/31/2024 14:27	53901 HALI_T2	63	127	64	0.25	0.45	0.2	0	0	0	0	0	0	0	0
1/31/2024 14:27	53501 EVIL_T2	9	9	0	1.18	1.49	0.31	-1.43	-1.57	0	0	0	0	0	0
1/31/2024 14:27	61303 EARL_T1	0	0	0	0	0	0	0.98	0.58	0	0	0	0	0	0
1/31/2024 14:28	53903 HALI_T2	2	2	0	1.5	1.4	-0.1	-0.13	-0.13	0	0	0	0	0	0
1/31/2024 14:28	47001 HUGH_T2	0	0	0	0	0	0	-0.74	-0.64	0	0	0	0	0	0
1/31/2024 14:28	43001 ALWD_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1/31/2024 14:28	53501 EVIL_T2	9	9	0	1.18	1.49	0.31	-1.43	-1.57	0	0	0	0	0	0
1/31/2024 14:29	47001 HUGH_T2	0	0	0	0	0	0	-0.74	-0.64	0	0	0	0	0	0
1/31/2024 14:29	27101 GFLD_T2	0	0	0	0	0	0	0.23	0.22	0	0	0	0	0	0
1/31/2024 14:29	53501 EVIL_T2	9	9	0	1.18	1.49	0.31	-2.87	-3.13	0	0	0	0	0	0
1/31/2024 14:30	59301 MCAL_T1	2	2	0	0.2	0.6	0.4	0	0	0	0	0	0	0	0
1/31/2024 14:30	46801 HEPB_T2	2	3	1	0.3	0.33	0.03	0.64	0.63	0	0	0	0	0	0
1/31/2024 14:31	64702 LITI_T2	0	0	0	0	0	0	-0.83	-0.87	0	0	0	0	0	0
1/31/2024 14:31	53901 HALI_T2	125	117	-8	0.45	0.42	-0.03	0	0	0	0	0	0	0	0
1/31/2024 14:31	59003 MIFF_T1	1	0	-1	0.2	0	-0.2	-0.32	-0.02	0	0	0	0	0	0
1/31/2024 14:32	64101 REFR_T1	0	0	0	0	0	0	-0.05	-0.07	0	0	0	0	0	0
1/31/2024 14:33	64101 REFR_T1	0	0	0	0	0	0	-0.05	-0.07	0	0	0	0	0	0
1/31/2024 14:33	64702 LITI_T2	0	0	0	0	0	0	-1.66	-1.73	0	0	0	0	0	0
1/31/2024 14:34	64101 REFR_T1	0	0	0	0	0	0	-0.05	-0.07	0	0	0	0	0	0
1/31/2024 14:34	52501 PROG_T1	0	0	0	0	0	0	0.4	0.41	0	0	0	0	0	0
1/31/2024 14:34	64802 MONE_T2	1	5	4	0.1	0.1	0	0	0	0	0	0	0	0	0
1/31/2024 14:35	59101 WALK_T2	0	0	0	0	0	0	1.85	1.98	0	0	0	0	0	0
1/31/2024 14:35	56501 ROCK_T2	5	10	5	0.16	0.18	0.02	-2.95	-2.95	0	0	0	0	0	0
1/31/2024 14:35	45402 WILO_T2	1	17	16	0.7	0.15	-0.55	-0.72	-0.69	0	0	0	0	0	0
1/31/2024 14:35	14403 SSLA_T1	0	0	0	0	0	0	0.84	0.78	0	0	0	0	0	0
1/31/2024 14:35	46302 ROHR_T1	4	4	0	1.88	2.03	0.15	0.4	0.4	0	0	0	0	0	0
1/31/2024 14:36	64101 REFR_T1	0	0	0	0	0	0	-0.19	-0.27	0	0	0	0	0	0
1/31/2024 14:36	43304 WATS_T2	1	0	-1	0.7	0	-0.7	-0.3	-0.32	0	0	0	0	0	0
1/31/2024 14:36	43301 WATS_T2	0	0	0	0	0	0	-0.66	-0.71	0	0	0	0	0	0
1/31/2024 14:36	56501 ROCK_T2	5	10	5	0.16	0.18	0.02	-1.47	-1.47	0	0	0	0	0	0
1/31/2024 14:36	67605 WARW_T1	4	1	-3	0.15	0.1	-0.05	-1.06	-1.03	0	0	0	0	0	0
1/31/2024 14:37	40902 JESH_T1	0	0	0	0	0	0	-0.69	-0.75	0	0	0	0	0	0
1/31/2024 14:37	43304 WATS_T2	1	0	-1	0.7	0	-0.7	-0.59	-0.65	0	0	0	0	0	0
1/31/2024 14:37	64101 REFR_T1	0	0	0	0	0	0	-0.05	-0.07	0	0	0	0	0	0
1/31/2024 14:37	42201 SHEN_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1/31/2024 14:37	59101 WALK_T2	0	0	0	0	0	0	1.85	1.98	0	0	0	0	0	0
1/31/2024 14:37	40603 PIGR_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1/31/2024 14:38	57401 SPAN_T1	2	2	0	0.55	0.55	0	-1.88	-1.5	0	0	0	0	0	0
1/31/2024 14:38	66703 STRA_T1	3	4	1	0.2	0.23	0.03	0	-0.02	0	0	0	0	0	0
1/31/2024 14:38	43001 ALWD_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1/31/2024 14:38	43304 WATS_T2	1	0	-1	0.7	0	-0.7	-0.65	-0.69	0	0	0	0	0	0
1/31/2024 14:38	67204 TEHI_T2	0	0	0	0	0	0	-0.02	-0.04	0	0	0	0	0	0
1/31/2024 14:38	49803 UNIV_T1	0	0	0	0	0	0	-0.98	-0.95	0	0	0	0	0	0
1/31/2024 14:38	60201 ATGL_T2	0	0	0	0	0	0	-0.12	-0.2	0	0	0	0	0	0
1/31/2024 14:38	59101 WALK_T2	0	0	0	0	0	0	1.85	1.98	0	0	0	0	0	0
1/31/2024 14:38	57401 SPAN_T1	2	2	0	0.55	0.55	0	-1.88	-1.5	0	0	0	0	0	0
1/31/2024 14:38	14403 SSLA_T1	0	0	0	0	0	0	0.84	0.78	0	0	0	0	0	0
1/31/2024 14:39	67605 WARW_T1	4	1	-3	0.15	0.1	-0.05	-1.03	-1	0	0	0	0	0	0
1/31/2024 14:39	29401 BELT_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1/31/2024 14:39	57403 SPAN_T1	1	9	8	0.2	0.17	-0.03	0	0	0	0	0	0	0	0
1/31/2024 14:39	43304 WATS_T2	1	0	-1	0.7	0	-0.7	-0.65	-0.69	0	0	0	0	0	0
1/31/2024 14:39	60803 BUCK_T1	0	0	0	0	0	0	-1.02	-1.02	0	0	0	0	0	0
1/31/2024 14:39	59101 WALK_T2	0	0	0	0	0	0	1.98	2.02	0	0	0	0	0	0
1/31/2024 14:39	15704 TANN_T1	0	0	0	0	0	0	-0.99	-1.02	0	0	0	0	0	0
1/31/2024 14:39	43001 ALWD_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1/31/2024 14:39	45501 DERR_T2	1	1	0	0	0	0	1.07	1.04	0	0	0	0	0	0
1/31/2024 14:39	67204 TEHI_T2	0	0	0	0	0	0	-0.04	-0.03	0	0	0	0	0	0
1/31/2024 14:39	56501 ROCK_T2	5	10	5	0.16	0.18	0.02	-1.47	-1.52	0	0	0	0	0	0
1/31/2024 14:39	61303 EARL_T1	0	0	0	0	0	0	0.29	0.33	0	0	0	0	0	0
1/31/2024 14:39	16302 ALPA_T2	0	0	0	0	0	0	0.68	0.65	0	0	0	0	0	0
1/31/2024 14:40	57401 SPAN_T1	2	2	0	0.55	0.55	0	-1.5	-1.66	0	0	0	0	0	0
1/31/2024 14:40	29402 BELT_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1/31/2024 14:40	28604 BLYT_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1/31/2024 14:40	40505 CRES_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1/31/2024 14:40	16302 ALPA_T2	0	0	0	0	0	0	0.68	0.65	0	0	0	0	0	0
1/31/2024 14:40	40502 CRES_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1/31/2024 14:40	67605 WARW_T1	4	1	-3	0.15	0.1	-0.05	-1.03	-1	0	0	0	0	0	0
1/31/2024 14:40	59101 WALK_T2	0	0	0	0	0	0	3.97	4.03	0	0	0	0	0	0
1/31/2024 14:41	40505 CRES_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1/31/2024 14:41	60803 BUCK_T1	0	0	0	0	0	0	-0.51	-0.51	0	0	0	0	0	0
1/31/2024 14:41	29401 BELT_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1/31/2024 14:41	43304 WATS_T2	1	0	-1	0.7	0	-0.7	-0.32	-0.34	0	0	0	0	0	0
1/31/2024 14:41	60201 ATGL_T2	0	0	0	0	0	0	-0.2	-0.26	0	0	0	0	0	0
1/31/2024 14:41	40502 CRES_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1/31/2024 14:42	16302 ALPA_T2	0	0	0	0	0	0	0.68	0.65	0	0	0	0	0	0
1/31/2024 14:42	61303 EARL_T1	0	0	0	0	0	0	0.29	0.33	0	0	0	0	0	0
1/31/2024 14:42	55105 WERT_T1	0	0	0	0	0	0	-0.62	-0.6	0	0	0	0	0	0
1/31/2024 14:43	40101 HUNT_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1/31/2024 14:43	40505 CRES_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1/31/2024 14:43	61303 EARL_T1	0	0	0	0	0	0	0.58	0.66	0	0	0	0	0	0
1/31/2024 14:44	43001 ALWD_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1/31/2024 14:44	40505 CRES_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1/31/2024 14:44	64702 LITI_T2	0	0	0	0	0	0	-0.87	-0.83	0	0	0	0	0	0
1/31/2024 14:46	42902 MIDD_T2	0	0	0	0	0	0	-0.25	-0.24	0	0	0	0	0	0
1/31/2024 14:46	53903 HALI_T2	2	2	0	1.4	1.4	0	-0.13	-0.13	0	0	0	0	0	0
1/31/2024 14:46	46801 HEPB_T2	2	3	1	0.2	0.33	0.13	0.63	0.65	0	0	0	0	0	0
1/31/2024 14:47	47403 PENS_T1	1	1	0	1.4	1.5	0.1	0	0	0	0	0	0	0	0
1/31/2024 14:47	40101 HUNT_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1/31/2024 14:47	64702 LITI_T2	0	0	0	0	0	0	-0.87	-0.83	0	0	0	0	0	0
1/31/2024 14:48	64801 MONE_T2	6	3	-3	0.28	0.27	-0.01	0	0	0	0	0	0	0	0
1/31/2024 14:48	47403 PENS_T1	1	1	0	1.4	1.5	0.1	0	0	0	0	0	0	0	0
1/31/2024 14:48	40603 PIGR_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1/31/2024 14:49	65003 NEFF_T2	4	25	21	0.2	0.15	-0.05	0	0	0	0	0	0	0	0
1/31/2024 14:49	47403 PENS_T1	1	1	0	1.4	1.5	0.1	0	0	0	0	0	0	0	0
1/31/2024 14:49	64702 LITI_T2	0	0	0	0	0	0	-0.87	-0.83	0	0	0	0	0	0
1/31/2024 14:50	44904 SCOT_T1	0	0	0	0	0	0	0.09	0.05	0	0	0	0	0	0
1/31/2024 14:50	44901 SCOT_T2	0	0	0	0	0	0	-0.18	-0.13	0	0	0	0	0	0
1/31/2024 14:50	52501 PROG_T1	0	0	0	0	0	0	0.41	0.4	0	0	0	0	0	0
1/31/2024 14:50	60604 NCOL_T2	0	0	0	0	0	0	0.33	0.33	0	0	0	0	0	0
1/31/2024 14:51	47403 PENS_T1	1	1	0	1.4	1.5	0.1	0	0	0	0	0	0	0	0
1/31/2024 14:51	65003 NEFF_T2	4	25	21	0.2	0.15	-0.05	0	0	0	0	0	0	0	0
1/31/2024 14:51	67402 WAKE_T2	0	0	0	0	0	0	-0.35	-0.4	0	0	0	0	0	0
1/31/2024 14:52	47401 PENS_T1	0	0	0	0	0	0	0.84	0.81	0	0	0	0	0	0
1/31/2024 14:53	44901 SCOT_T2	0	0	0	0	0	0	-0.13	0.05	0	0	0	0	0	0
1/31/2024 14:53	60701 BREC_T1	0	0	0	0	0	0	-0.35	-0.44	0	0	0	0	0	0
1/31/2024 14:53	43402 BENT_T1	0	0	0	0	0	0	-0.92	-0.9	0	0	0	0	0	0
1/31/2024 14:54	43001 ALWD_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1/31/2024 14:54	67402 WAKE_T2	0	0	0	0	0	0	-0.4	-0.4	0	0	0	0	0	0
1/31/2024 14:54	60101 COCA_T1	0	0	0	0	0	0	0.37	0.45	0	0	0	0	0	0
1/31/2024 14:54	60701 BREC_T1	0	0	0	0	0	0	-0.44	-0.41	0	0	0	0	0	0
1/31/2024 14:55	51107 CARL_T1	0	0	0	0	0	0	0.09	-0.03	0	0	0	0	0	0
1/31/2024 14:55	15001 BLMO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1/31/2024 14:56	45501 DERR_T2	1	1	0	0	0	0	0.52	0.52	0	0	0	0	0	0
1/31/2024 14:56	43402 BENT_T1	0	0	0	0	0	0	-0.92	-0.9	0	0	0	0	0	0
1/31/2024 14:57	51107 CARL_T1	0	0	0	0	0	0	0.09	-0.03	0	0	0	0	0	0
1/31/2024 14:57	45501 DERR_T2	1	1	0	0	0	0	0.52	0.52	0	0	0	0	0	0
1/31/2024 14:57	53903 HALI_T2	2	2	0	1.4	1.4	0	-0.26	-0.18	0	0	0	0	0	0
1/31/2024 14:57	60701 BREC_T1	0	0	0	0	0	0	-0.44	-0.41	0	0	0	0	0	0
1/31/2024 14:57	60101 COCA_T1	0	0	0	0	0	0	0.37	0.45	0	0	0	0	0	0
1/31/2024 14:58	40101 HUNT_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1/31/2024 14:58	45501 DERR_T2	1	1	0	0	0	0	0.52	0.52	0

Appendix C - Grid Benefits Achieved in Each Instance of Active Management

1/31/2024 15:25	54202 PENN_T2	218	180	-38	0.21	0.21	0	0.65	0.67	0	0	0	0	0	0
1/31/2024 15:25	67402 WAKE_T2	0	0	0	0	0	0	-0.42	-0.37	0	0	0	0	0	0
1/31/2024 15:26	43001 ALWD_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1/31/2024 15:26	53501 EVIL_T2	6	8	2	0.2	0.45	0.25	-0.62	-0.62	0	0	0	0	0	0
1/31/2024 15:27	53501 EVIL_T2	6	8	2	0.2	0.45	0.25	-1.24	-1.23	0	0	0	0	0	0
1/31/2024 15:28	40502 CRES_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1/31/2024 15:28	53501 EVIL_T2	6	8	2	0.2	0.45	0.25	-0.62	-0.62	0	0	0	0	0	0
1/31/2024 15:30	53501 EVIL_T2	7	8	1	0.31	0.43	0.12	-0.62	-0.62	0	0	0	0	0	0
1/31/2024 15:31	54202 PENN_T2	176	95	-81	0.21	0.2	-0.01	0.65	0.67	0	0	0	0	0	0
1/31/2024 15:31	43001 ALWD_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1/31/2024 15:33	64101 REFR_T1	0	0	0	0	0	0	-0.07	-0.03	0	0	0	0	0	0
1/31/2024 15:33	55002 NEWP_T1	6	6	0	1.18	1.23	0.05	-0.22	-0.22	0	0	0	0	0	0
1/31/2024 15:33	59302 MCAL_T1	0	0	0	0	0	0	-0.24	-0.3	0	0	0	0	0	0
1/31/2024 15:33	65003 NEFF_T2	60	18	-42	0.16	0.17	0.01	0	0	0	0	0	0	0	0
1/31/2024 15:34	43104 SMIL_T2	0	0	0	0	0	0	-0.78	-0.74	0	0	0	0	0	0
1/31/2024 15:34	29402 BELT_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1/31/2024 15:34	64101 REFR_T1	0	0	0	0	0	0	-0.14	-0.07	0	0	0	0	0	0
1/31/2024 15:35	67402 WAKE_T2	0	0	0	0	0	0	-0.42	-0.37	0	0	0	0	0	0
1/31/2024 15:35	64101 REFR_T1	0	0	0	0	0	0	-0.14	-0.07	0	0	0	0	0	0
1/31/2024 15:36	64101 REFR_T1	0	0	0	0	0	0	-0.07	-0.03	0	0	0	0	0	0
1/31/2024 15:37	64101 REFR_T1	0	0	0	0	0	0	-0.07	-0.03	0	0	0	0	0	0
1/31/2024 15:38	43104 SMIL_T2	0	0	0	0	0	0	-0.74	-0.79	0	0	0	0	0	0
1/31/2024 15:41	67402 WAKE_T2	0	0	0	0	0	0	-0.37	-0.37	0	0	0	0	0	0
1/31/2024 15:41	40502 CRES_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1/31/2024 15:42	40502 CRES_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1/31/2024 15:43	40502 CRES_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1/31/2024 15:44	64202 KINZ_T1	1	2	1	0.1	0.35	0.25	0.63	0.69	0	0	0	0	0	0
1/31/2024 15:44	40502 CRES_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1/31/2024 15:46	65001 NEFF_T2	187	199	12	0.19	0.2	0.01	-0.65	-0.7	0	0	0	0	0	0
1/31/2024 15:46	40502 CRES_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1/31/2024 15:51	67402 WAKE_T2	0	0	0	0	0	0	-0.37	-0.37	0	0	0	0	0	0
1/31/2024 15:53	55002 NEWP_T1	6	6	0	1.23	1.12	-0.11	-0.22	-0.22	0	0	0	0	0	0
1/31/2024 15:56	67402 WAKE_T2	0	0	0	0	0	0	-0.37	-0.37	0	0	0	0	0	0
1/31/2024 16:00	40101 HUNT_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1/31/2024 16:04	65001 NEFF_T2	166	203	37	0.17	0.21	0.04	-0.7	-0.74	0	0	0	0	0	0
1/31/2024 16:06	59003 MIFF_T1	1	2	1	0.8	0.3	-0.5	1.6	-0.15	0	0	0	0	0	0
1/31/2024 16:07	67402 WAKE_T2	0	0	0	0	0	0	-0.37	-0.37	0	0	0	0	0	0
1/31/2024 16:07	49803 UNIV_T1	0	0	0	0	0	0	-1	-1	0	0	0	0	0	0
1/31/2024 16:07	14403 SSLA_T1	0	0	0	0	0	0	0.77	0.76	0	0	0	0	0	0
1/31/2024 16:08	46001 BERW_T1	0	0	0	0	0	0	2	1.99	0	0	0	0	0	0
1/31/2024 16:12	67402 WAKE_T2	0	0	0	0	0	0	-0.37	-0.32	0	0	0	0	0	0
1/31/2024 16:14	53903 HALI_T2	2	2	0	1.35	1.3	-0.05	0	0	0	0	0	0	0	0
1/31/2024 16:23	67402 WAKE_T2	0	0	0	0	0	0	-0.37	-0.32	0	0	0	0	0	0
1/31/2024 16:28	67402 WAKE_T2	0	0	0	0	0	0	-0.32	-0.33	0	0	0	0	0	0
1/31/2024 16:36	65001 NEFF_T2	180	229	49	0.18	0.25	0.07	-0.78	-0.65	0	0	0	0	0	0
1/31/2024 16:38	67402 WAKE_T2	0	0	0	0	0	0	-0.32	-0.33	0	0	0	0	0	0
1/31/2024 16:40	55002 NEWP_T1	6	6	0	1.02	1.03	0.01	-0.23	-0.23	0	0	0	0	0	0
1/31/2024 16:44	67402 WAKE_T2	0	0	0	0	0	0	-0.33	-0.33	0	0	0	0	0	0
1/31/2024 16:51	55002 NEWP_T1	6	6	0	0.88	1.02	0.14	-0.23	-0.23	0	0	0	0	0	0
1/31/2024 16:54	46206 DANV_T2	1	0	-1	0.1	0	-0.1	0	0	0	0	0	0	0	0
1/31/2024 16:54	67402 WAKE_T2	0	0	0	0	0	0	-0.33	-0.32	0	0	0	0	0	0
1/31/2024 16:55	46206 DANV_T2	1	0	-1	0.1	0	-0.1	0	0	0	0	0	0	0	0
1/31/2024 16:55	40502 CRES_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1/31/2024 16:56	46203 DANV_T2	17	25	8	0.31	0.37	0.06	-0.85	-0.89	0	0	0	0	0	0
1/31/2024 16:57	40502 CRES_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1/31/2024 16:58	40502 CRES_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1/31/2024 16:59	67402 WAKE_T2	0	0	0	0	0	0	-0.33	-0.32	0	0	0	0	0	0
1/31/2024 16:59	40502 CRES_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1/31/2024 17:02	55001 NEWP_T1	0	1	1	0	0	0	0	0	0	0	0	0	0	0
1/31/2024 17:10	67402 WAKE_T2	0	0	0	0	0	0	-0.32	-0.3	0	0	0	0	0	0
1/31/2024 17:13	53601 DALM_T2	1	1	0	0.3	0.4	0.1	-0.72	-0.74	0	0	0	0	0	0
1/31/2024 17:15	63305 GREE_T1	0	0	0	0	0	0	-1.11	-1.23	0	0	0	0	0	0
1/31/2024 17:15	67402 WAKE_T2	0	0	0	0	0	0	-0.32	-0.3	0	0	0	0	0	0
1/31/2024 17:20	63305 GREE_T1	0	0	0	0	0	0	-1.11	-1.23	0	0	0	0	0	0
1/31/2024 17:26	63305 GREE_T1	0	0	0	0	0	0	-1.23	-1.23	0	0	0	0	0	0
1/31/2024 17:46	63305 GREE_T1	0	0	0	0	0	0	-1.23	-1.3	0	0	0	0	0	0
1/31/2024 17:49	65003 NEFF_T2	2	3	1	0.1	0.1	0	0	0	0	0	0	0	0	0
1/31/2024 18:10	65003 NEFF_T2	2	3	1	0.1	0.1	0	0	0	0	0	0	0	0	0
1/31/2024 18:23	63305 GREE_T1	0	0	0	0	0	0	-1.28	-1.26	0	0	0	0	0	0
1/31/2024 18:52	65003 NEFF_T2	6	14	8	0.18	0.16	-0.02	0	0	0	0	0	0	0	0
1/31/2024 18:53	29402 BELT_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1/31/2024 18:55	26401 INOR_T1	0	0	0	0	0	0	0.48	0.49	0	0	0	0	0	0
1/31/2024 18:58	13503 MCMI_T2	0	1	1	0	0	0	-0.62	-0.64	0	0	0	0	0	0
1/31/2024 19:00	67204 TEHI_T2	0	0	0	0	0	0	0.14	0.18	0	0	0	0	0	0
1/31/2024 19:01	61303 EARL_T1	0	0	0	0	0	0	0.21	0.09	0	0	0	0	0	0
1/31/2024 19:07	13904 SEID_T1	19	9	-10	0.34	0.1	-0.24	0	0	0	0	0	0	0	0
1/31/2024 19:07	47001 HUGH_T2	0	0	0	0	0	0	-0.53	-0.6	0	0	0	0	0	0
1/31/2024 19:07	48302 ORWI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1/31/2024 19:07	67204 TEHI_T2	0	0	0	0	0	0	0.14	0.18	0	0	0	0	0	0
1/31/2024 19:08	17802 GILB_T1	0	0	0	0	0	0	0.28	0.26	0	0	0	0	0	0
1/31/2024 19:08	44901 SCOT_T2	0	0	0	0	0	0	-0.12	-0.13	0	0	0	0	0	0
1/31/2024 19:09	29402 BELT_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1/31/2024 19:09	60101 COCA_T1	0	0	0	0	0	0	0.34	0.34	0	0	0	0	0	0
1/31/2024 19:09	16402 MOPO_T1	0	0	0	0	0	0	0.21	0.22	0	0	0	0	0	0
1/31/2024 19:10	16101 BING_T2	97	109	12	0.71	0.73	0.02	-0.37	-0.39	0	0	0	0	0	0
1/31/2024 19:10	67502 WEWI_T2	0	0	0	0	0	0	-1.36	-1.35	0	0	0	0	0	0
1/31/2024 19:10	17802 GILB_T1	0	0	0	0	0	0	0.26	0.29	0	0	0	0	0	0
1/31/2024 19:10	16302 ALPA_T2	0	0	0	0	0	0	0.73	0.71	0	0	0	0	0	0
1/31/2024 19:11	46203 DANV_T2	20	24	4	0.31	0.33	0.02	0	0	0	0	0	0	0	0
1/31/2024 19:11	61303 EARL_T1	0	0	0	0	0	0	0.09	0.11	0	0	0	0	0	0
1/31/2024 19:11	67502 WEWI_T2	0	0	0	0	0	0	-1.36	-1.35	0	0	0	0	0	0
1/31/2024 19:11	17805 GILB_T2	0	0	0	0	0	0	0.13	0.14	0	0	0	0	0	0
1/31/2024 19:11	16402 MOPO_T1	0	0	0	0	0	0	0.21	0.22	0	0	0	0	0	0
1/31/2024 19:11	40502 CRES_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1/31/2024 19:11	49803 UNIV_T1	0	0	0	0	0	0	-1.03	-1.06	0	0	0	0	0	0
1/31/2024 19:11	64702 LITI_T2	0	0	0	0	0	0	-1.63	-1.2	0	0	0	0	0	0
1/31/2024 19:12	64101 REFR_T1	0	0	0	0	0	0	-0.02	0.01	0	0	0	0	0	0
1/31/2024 19:12	10805 CHHI_T2	1	1	0	8	7.7	-0.3	-0.98	-0.94	0	0	0	0	0	0
1/31/2024 19:12	15701 TANN_T1	1	1	0	3.8	4.5	0.7	0	0	0	0	0	0	0	0
1/31/2024 19:12	60701 BREC_T1	0	1	1	0	1.8	1.8	-0.46	-0.46	0	0	0	0	0	0
1/31/2024 19:12	44905 SCOT_T1	1	0	-1	0.6	0	-0.6	0	0	0	0	0	0	0	0
1/31/2024 19:12	27502 WEIS_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1/31/2024 19:12	28604 BLYT_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1/31/2024 19:12	67502 WEWI_T2	0	0	0	0	0	0	-1.36	-1.35	0	0	0	0	0	0
1/31/2024 19:13	66501 SMAN_T2	5	0	-5	0.14	0	-0.14	0	0	0	0	0	0	0	0
1/31/2024 19:13	64204 KINZ_T1	1	1	0	0.9	0.8	-0.1	0	0	0	0	0	0	0	0
1/31/2024 19:13	65001 NEFF_T2	49	90	41	0.11	0.14	0.03	-0.88	-0.85	0	0	0	0	0	0
1/31/2024 19:13	65901 SAKR_T2	1	1	0	8.7	9.2	0.5	-1.18	-1.19	0	0	0	0	0	0
1/31/2024 19:13	67605 WARW_T1	0	0	0	0	0	0	-0.97	-0.96	0	0	0	0	0	0
1/31/2024 19:13	27101 GFLD_T2	1	1	0	1	0.2	-0.8	0.35	0.34	0	0	0	0	0	0
1/31/2024 19:13	41801 GOCI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1/31/2024 19:13	27502 WEIS_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1/31/2024 19:13	48302 ORWI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1/31/2024 19:14	24902 WHHA_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1/31/2024 19:14	17805 GILB_T2	0	0	0	0	0	0	0.13	0.14	0	0	0	0	0	0
1/31/2024 19:14	26401 INOR_T1	0	0	0	0	0	0	0.49	0.53	0	0	0	0	0	0
1/31/2024 19:14	46802 HEPB_T1	1	1	0	1.3	1.4	0.1	-1.1	-1.08	0	0	0	0	0	0
1/31/2024 19:14	62604 ENGL_T1	0	0	0	0	0	0	-0.47	-0.44	0	0	0	0	0	0
1/31/2024 19:14	60701 BREC_T1	0	1	1	0	1.8	1.8	-0.46	-0.46	0	0	0	0	0	0
1/31/2024 19:14	42201 SHEN_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1/31/2024 19:14	16302 ALPA_T2	0	0	0	0	0	0	0.73	0.71	0	0	0	0	0	0
1/31/2024 19:15	40603 PIGR_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1/31/2024 19:15	61303 EARL_T1	0	0	0	0	0	0	0.09	0.11	0	0	0	0	0	0
1/31/2024 19:15	64702 LITI_T2	0	0	0	0	0	0	-0.82	-0.6	0	0	0	0	0	0
1/31/2024 19:15	67605 WARW_T1	0	0	0	0	0	0	-0.97	-0.96	0	0	0	0	0	0
1/31/2024 19:16	40502 CRES_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1/31/2024 19:16	11104 EGYP_T1	0	0	0	0	0	0	0.7	0.72	0	0	0	0	0	0
1/31/2024 19:16	46203 DANV_T2	11	24	13	0.25	0.45	0.2	0	0	0	0	0	0	0	0
1/31/2024 19:16	67502 WEWI_T2	0	0	0	0	0	0	-1.36	-1.35	0	0	0	0	0	0
1/31/2024 19:16	62604 ENGL_T1	0	0	0	0	0	0	-0.47	-0.44	0	0	0	0	0	0
1/31/2024 19:16	65901 SAKR_T2	1	1	0	9.2	9.3	0.1	-1.18	-1.19	0	0	0	0	0	0
1/31/2024 19:16	63305 GREE_T1	0	0	0	0	0	0	-2.49	-2.54	0	0	0	0	0	0
1/31/2024 19:17	65001 NEFF_T2	89	51	-38	0.14	0.11	-0.03	-0.88	-0.85	0	0	0	0	0	0
1/31/2024 19:17	62604 ENGL_T1	0	0	0	0	0	0	-0.47	-0.44	0	0	0	0	0	0
1/31/2024 19:17	67503 WEWI_T2	0	0	0	0	0	0	0.03	0.05	0	0	0	0	0	0
1/31/2024 19:17	40502 CRES_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1/31/2024 19:17	47001 HUGH_T2	0	0	0	0	0	0	-0.6	-0.6	0	0	0	0	0	0
1/31/2024 19:17	64101 REFR_T1	0	0	0	0	0	0	-0.02	0.01	0	0	0	0	0	0
1/31/2024 19:17	60803 BUCK_T1	0	0	0	0	0	0	-1.02	-1	0	0	0	0	0	0
1/31/2024 19:17	64902 MILL_T2	0	0	0	0	0	0	-0.65	-0.71	0	0	0	0	0	0
1/31/2024 19:17	46203 DANV_T2	11	24	13	0.25	0.45	0.2	-0.79	-0.83	0	0	0	0	0	0
1/31/2024 19:17	11102 EGYP_T1	0	0	0	0	0	0	-0.27	-0.29	0	0	0	0	0	0
1/31/2024 19:17	40101 HUNT_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1/31/2024 19:17	16302 ALPA_T2	0	0	0	0	0	0	0.73	0.71	0	0	0	0	0	0
1/31/2024 19:18	46302 ROHR_T1	2	2	0	1.95	1.95	0	0.27	0.25	0	0	0	0	0	0
1/31/2024 19:18	64204 KINZ_T1	1	1	0	0.8	0.4	-0.4	0	0	0	0	0	0	0	0
1/31/2024 19:18	67502 WEWI_T2	0	0	0	0	0	0	-1.36	-1.35	0	0	0	0	0	0
1/31/2024 19:18	40502 CRES_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1/31/2024 19:18	25501 MADI_T1	0	9	9	0	1.2	1.2	0.44	0.42	0	0	0	0	0	0
1/31/2024 19:18	45501 DERR_T2	1	1	0	0	0	0	0.57	0.7	0	0	0	0	0	0
1/31/2024 19:18	43202 MVIL_T2	1	0	-1	0.1	0	-0.1	-0.64	-0.65	0	0	0	0	0	0
1/31/2024 19:18	66504 SMAN_T2	0	0	0	0	0	0	-1.28	-1.27	0	0	0	0	0	0
1/31/2024 19:18	40602 PIGR_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1/31/2024 19:18	10801 CHHI_T1	0	0	0	0	0	0	-0.78	-0.8	0	0	0	0	0	0
1/31/2024 19:18	60701 BREC_T1	0	0	0	0	0	0	-0.46	-0.46	0	0	0	0	0	0
1/31/2024 19:19	43304 WATS_T2	1	3	2	0.2	0	-0.2	-0.33	-0.37	0	0	0	0	0	0
1/31/2024 19:19	64101 REFR_T1	0	0	0	0	0	0	-0.02	0.01	0	0	0	0	0	0
1/31/2024 19:19	40502 CRES_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1/31/2024 19:19	43302 WATS_T2	1	0	-1	0.1	0	-0.1	0	0	0	0	0	0	0	0
1/31/2024 19:19	14403 SSLA_T1	0	0	0	0	0	0	0.8	0.81	0	0	0	0	0	0
1/31/2024 19:19	67203 TEHI_T1	0	0	0	0	0	0	2.28	2.31	0	0	0	0	0	0
1/31/2024 19:19	60605 NCOL_T2	0	0	0	0	0	0	-1.37	-1.36	0	0	0	0	0	0
1/31/2024 19:19	67605 WARW_T1	0	0	0	0	0	0	-0.97	-0.96	0	0	0	0	0	0
1/31/2024 19:19	45501 DERR_T2	1	1	0	0	0	0	0.57	0.7	0	0	0	0	0	0
1/31/2024 19:20	40101 HUNT_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1/31/2024 19:20	10805 CHHI_T2	1	1	0	7.7	7.8	0.1	-0.49	-0.47	0	0	0	0	0	0
1/31/2024 19:20	40502 CRES_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1/31/2024 19:20	40505 CRES_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1/31/2024 19:20	44601 SALE_T2	0	0	0	0	0	0	-0.05	-0.08	0	0	0	0	0	0
1/31/2024 19:21	62604 ENGL_T1	0	0	0	0	0	0	-0.47	-0.44	0	0	0	0	0	0
1/31/2024 19:21	43201 MVIL_T2	0	0	0	0	0	0	-0.33	-0.35	0	0	0	0	0	0
1/31/2024 19:21	46203 DANV_T2	11	24	13	0.25	0.45	0.2	-1.58	-1.65	0	0	0	0	0	0
1/31/2024 19:21	20403 ASHF_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1/31/2024 19:21	40502 CRES_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1/31/2024 19:21	61303 EARL_T1	0	0	0	0	0	0	0.09	0.11	0	0	0	0	0	0
1/31/2024 19:21	10705 CATA_T2	0	0	0	0	0	0	-0.88	-0.88	0	0	0	0	0	0
1/31/2024 19:21	67503 WEWI_T2	0	0	0	0	0	0	0.03	0.05	0	0	0	0	0	0
1/31/2024 19:21	64101 REFR_T1	0	0	0	0	0	0	-0.02	0.01	0	0	0	0	0	0
1/31/2024 19:21	60201 ATGL_T2	0	0	0	0	0	0	0.2	0.23	0	0	0	0	0	0
1/31/2024 19:21	45501 DERR_T2	1	1	0	0	0	0	0.57	0.7	0	0	0	0	0	0
1/31/2024 19:21	42201 SHEN_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1/31/2024 19:21	65001

1/31/2024 19:25	64101 REFR_T1	0	0	0	0	0	0	0.01	0.01	0	0	0	0	0	0
1/31/2024 19:25	46203 DANV_T2	11	24	13	0.25	0.45	0.2	-0.83	-0.84	0	0	0	0	0	0
1/31/2024 19:25	47401 PENS_T1	0	0	0	0	0	0	0.88	0.84	0	0	0	0	0	0
1/31/2024 19:25	60201 ATGL_T2	0	0	0	0	0	0	0.23	0.17	0	0	0	0	0	0
1/31/2024 19:25	40505 CRES_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1/31/2024 19:25	11104 EGYP_T1	0	0	0	0	0	0	0.36	0.34	0	0	0	0	0	0
1/31/2024 19:25	40502 CRES_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1/31/2024 19:26	47402 PENS_T1	2	0	-2	0.35	0	-0.35	0	0	0	0	0	0	0	0
1/31/2024 19:26	67502 WEWI_T2	0	0	0	0	0	0	-1.35	-1.4	0	0	0	0	0	0
1/31/2024 19:26	53501 EVIL_T2	0	1	1	0	0.2	0.2	-0.7	-0.71	0	0	0	0	0	0
1/31/2024 19:26	64101 REFR_T1	0	0	0	0	0	0	0.01	0.01	0	0	0	0	0	0
1/31/2024 19:26	67502 WEWI_T2	0	0	0	0	0	0	-1.35	-1.4	0	0	0	0	0	0
1/31/2024 19:26	43402 BENT_T1	0	1	1	0	0	0	-0.91	-0.89	0	0	0	0	0	0
1/31/2024 19:26	63305 GREE_T1	0	0	0	0	0	0	-1.27	-1.19	0	0	0	0	0	0
1/31/2024 19:26	64802 MONE_T2	0	0	0	0	0	0	-0.03	-0.03	0	0	0	0	0	0
1/31/2024 19:26	40101 HUNT_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1/31/2024 19:26	14403 SSLA_T1	0	0	0	0	0	0	1.62	1.58	0	0	0	0	0	0
1/31/2024 19:26	13501 MCWI_T1	2	2	0	0.25	0.3	0.05	0.06	0.04	0	0	0	0	0	0
1/31/2024 19:26	54505 ENOL_T2	1	1	0	0.3	0.2	-0.1	0	0	0	0	0	0	0	0
1/31/2024 19:26	56802 BENV_T2	2	1	-1	0.2	0.3	0.1	-1.25	-1.26	0	0	0	0	0	0
1/31/2024 19:26	43304 WATS_T2	1	3	2	0.2	0	-0.2	-0.74	-0.71	0	0	0	0	0	0
1/31/2024 19:27	43202 MVIL_T2	1	0	-1	0.1	0	-0.1	-0.65	-0.63	0	0	0	0	0	0
1/31/2024 19:27	43001 ALWD_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1/31/2024 19:27	53903 HAU_T2	2	2	0	1.55	1.3	-0.25	-0.12	-0.09	0	0	0	0	0	0
1/31/2024 19:27	43302 WATS_T2	1	0	-1	0.1	0	-0.1	0	0	0	0	0	0	0	0
1/31/2024 19:27	57401 SPAN_T1	0	0	0	0	0	0	-0.67	-0.64	0	0	0	0	0	0
1/31/2024 19:27	43301 WATS_T2	0	0	0	0	0	0	-0.66	-0.65	0	0	0	0	0	0
1/31/2024 19:27	40502 CRES_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1/31/2024 19:27	40505 CRES_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1/31/2024 19:27	66703 STRA_T1	3	2	-1	0.3	0.35	0.05	-0.23	-0.27	0	0	0	0	0	0
1/31/2024 19:27	46203 DANV_T2	11	24	13	0.25	0.45	0.2	-0.83	-0.84	0	0	0	0	0	0
1/31/2024 19:28	56802 BENV_T2	2	1	-1	0.2	0.3	0.1	-2.5	-2.52	0	0	0	0	0	0
1/31/2024 19:28	46203 DANV_T2	11	24	13	0.25	0.45	0.2	-0.83	-0.84	0	0	0	0	0	0
1/31/2024 19:28	60604 NCOL_T2	0	0	0	0	0	0	0.28	0.33	0	0	0	0	0	0
1/31/2024 19:28	54501 ENOL_T2	0	0	0	0	0	0	0.12	0.16	0	0	0	0	0	0
1/31/2024 19:28	45402 WILO_T2	0	0	0	0	0	0	-0.61	-0.66	0	0	0	0	0	0
1/31/2024 19:28	53903 HAU_T2	2	2	0	1.55	1.3	-0.25	0	0	0	0	0	0	0	0
1/31/2024 19:28	46206 DANV_T2	0	0	0	0	0	0	2.61	2.64	0	0	0	0	0	0
1/31/2024 19:28	47402 PENS_T1	2	0	-2	0.35	0	-0.35	0	0	0	0	0	0	0	0
1/31/2024 19:28	57304 MOAL_T2	0	0	0	0	0	0	-0.2	-0.24	0	0	0	0	0	0
1/31/2024 19:28	55002 NEWP_T1	4	5	1	0.73	0.52	-0.21	-0.46	-0.4	0	0	0	0	0	0
1/31/2024 19:28	53501 EVIL_T2	0	1	1	0	0.2	0.2	-0.7	-0.71	0	0	0	0	0	0
1/31/2024 19:29	56801 BENV_T1	6	6	0	0	0.22	0.22	-0.55	-0.59	0	0	0	0	0	0
1/31/2024 19:29	54504 ENOL_T2	0	0	0	0	0	0	-0.88	-0.94	0	0	0	0	0	0
1/31/2024 19:29	42903 MIDD_T2	0	2	2	0	0.25	0.25	0	0	0	0	0	0	0	0
1/31/2024 19:29	43102 SMIL_T2	1	1	0	0.2	0.1	-0.1	0	0	0	0	0	0	0	0
1/31/2024 19:29	20403 ASHF_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1/31/2024 19:29	41801 GOCI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1/31/2024 19:29	59301 MCAL_T1	2	2	0	0.1	0.15	0.05	0	0	0	0	0	0	0	0
1/31/2024 19:29	47401 PENS_T1	0	0	0	0	0	0	0.88	0.84	0	0	0	0	0	0
1/31/2024 19:29	40502 CRES_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1/31/2024 19:29	57404 SPAN_T2	0	0	0	0	0	0	-0.1	-0.11	0	0	0	0	0	0
1/31/2024 19:29	41902 REED_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1/31/2024 19:29	54201 PENN_T1	7	3	-4	0.64	1.2	0.56	0	0.04	0	0	0	0	0	0
1/31/2024 19:29	54505 ENOL_T2	1	1	0	0.3	0.2	-0.1	-2.3	-2.26	0	0	0	0	0	0
1/31/2024 19:29	57401 SPAN_T1	0	0	0	0	0	0	-0.67	-0.64	0	0	0	0	0	0
1/31/2024 19:29	59101 WALK_T2	0	0	0	0	0	0	1.22	1.16	0	0	0	0	0	0
1/31/2024 19:29	56802 BENV_T2	2	1	-1	0.2	0.3	0.1	-3.75	-3.78	0	0	0	0	0	0
1/31/2024 19:29	53501 EVIL_T2	0	1	1	0	0.2	0.2	-0.7	-0.71	0	0	0	0	0	0
1/31/2024 19:30	54501 ENOL_T2	0	0	0	0	0	0	0.12	0.16	0	0	0	0	0	0
1/31/2024 19:30	56802 BENV_T2	1	2	1	0.3	0.15	-0.15	-2.5	-2.52	0	0	0	0	0	0
1/31/2024 19:30	57404 SPAN_T2	0	0	0	0	0	0	-0.1	-0.11	0	0	0	0	0	0
1/31/2024 19:30	43101 SMIL_T2	2	0	-2	0.5	0	-0.5	0	0	0	0	0	0	0	0
1/31/2024 19:30	67402 WAKE_T2	0	0	0	0	0	0	-0.36	-0.35	0	0	0	0	0	0
1/31/2024 19:31	46702 RENO_T1	0	1	1	0	0.2	0.2	-0.12	-0.12	0	0	0	0	0	0
1/31/2024 19:31	59101 WALK_T2	0	0	0	0	0	0	1.22	1.16	0	0	0	0	0	0
1/31/2024 19:31	54206 PENN_T2	0	0	0	0	0	0	-0.03	-0.04	0	0	0	0	0	0
1/31/2024 19:31	54505 ENOL_T2	1	1	0	0.1	0.2	0.1	-1.15	-1.13	0	0	0	0	0	0
1/31/2024 19:31	57401 SPAN_T1	0	0	0	0	0	0	-0.67	-0.64	0	0	0	0	0	0
1/31/2024 19:31	56802 BENV_T2	1	2	1	0.3	0.15	-0.15	-1.25	-1.26	0	0	0	0	0	0
1/31/2024 19:31	57403 SPAN_T1	0	0	0	0	0	0	0.13	0.11	0	0	0	0	0	0
1/31/2024 19:31	54001 SDLE_T1	2	2	0	0.75	1.15	0.4	0	0	0	0	0	0	0	0
1/31/2024 19:31	40502 CRES_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1/31/2024 19:31	41902 REED_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1/31/2024 19:31	56501 ROCK_T2	2	3	1	0.5	0.2	-0.3	-2.61	-2.65	0	0	0	0	0	0
1/31/2024 19:31	47401 PENS_T1	0	0	0	0	0	0	1.76	1.68	0	0	0	0	0	0
1/31/2024 19:32	51107 CARL_T1	0	0	0	0	0	0	-0.27	-0.12	0	0	0	0	0	0
1/31/2024 19:32	43301 WATS_T2	0	0	0	0	0	0	-0.66	-0.65	0	0	0	0	0	0
1/31/2024 19:32	54503 ENOL_T2	0	0	0	0	0	0	-1.72	-1.71	0	0	0	0	0	0
1/31/2024 19:32	57401 SPAN_T1	0	0	0	0	0	0	-0.67	-0.64	0	0	0	0	0	0
1/31/2024 19:32	56802 BENV_T2	1	2	1	0.3	0.15	-0.15	-3.75	-3.78	0	0	0	0	0	0
1/31/2024 19:33	56802 BENV_T2	1	2	1	0.3	0.15	-0.15	-1.25	-1.26	0	0	0	0	0	0
1/31/2024 19:33	57401 SPAN_T1	0	0	0	0	0	0	-1.34	-1.28	0	0	0	0	0	0
1/31/2024 19:33	55002 NEWP_T1	4	5	1	0.58	0.5	-0.08	-0.46	-0.4	0	0	0	0	0	0
1/31/2024 19:33	54202 PENN_T2	0	0	0	0	0	0	0.58	0.56	0	0	0	0	0	0
1/31/2024 19:33	47401 PENS_T1	0	0	0	0	0	0	0.88	0.84	0	0	0	0	0	0
1/31/2024 19:33	54505 ENOL_T2	1	1	0	0.1	0.2	0.1	-2.3	-2.26	0	0	0	0	0	0
1/31/2024 19:34	50103 HARR_T3	1	1	0	0.1	0.2	0.1	-1.47	-1.44	0	0	0	0	0	0
1/31/2024 19:34	54503 ENOL_T2	0	0	0	0	0	0	-3.44	-3.42	0	0	0	0	0	0
1/31/2024 19:34	52501 PROG_T1	0	0	0	0	0	0	0.39	0.41	0	0	0	0	0	0
1/31/2024 19:34	60803 BUCK_T1	0	0	0	0	0	0	-0.5	-0.5	0	0	0	0	0	0
1/31/2024 19:34	53501 EVIL_T2	1	1	0	0.2	0.1	-0.1	-0.7	-0.71	0	0	0	0	0	0
1/31/2024 19:34	59101 WALK_T2	0	0	0	0	0	0	2.43	2.32	0	0	0	0	0	0
1/31/2024 19:34	56501 ROCK_T2	2	3	1	0.5	0.2	-0.3	-1.31	-1.33	0	0	0	0	0	0
1/31/2024 19:35	44301 BEAV_T2	1	2	1	0.1	1.2	1.1	-0.15	-0.01	0	0	0	0	0	0
1/31/2024 19:35	53903 HAU_T2	2	2	0	1.2	1.4	0.2	-0.12	-0.09	0	0	0	0	0	0
1/31/2024 19:35	56501 ROCK_T2	2	3	1	0.5	0.2	-0.3	0	0	0	0	0	0	0	0
1/31/2024 19:35	59003 MIFF_T1	1	0	-1	1.1	0	-1.1	-0.11	-0.35	0	0	0	0	0	0
1/31/2024 19:35	40101 HUNT_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1/31/2024 19:35	59101 WALK_T2	0	0	0	0	0	0	1.22	1.16	0	0	0	0	0	0
1/31/2024 19:35	47401 PENS_T1	0	0	0	0	0	0	0.88	0.84	0	0	0	0	0	0
1/31/2024 19:36	56801 BENV_T1	6	4	-2	0.22	0.1	-0.12	-0.55	-0.59	0	0	0	0	0	0
1/31/2024 19:36	47401 PENS_T1	0	0	0	0	0	0	0.88	0.84	0	0	0	0	0	0
1/31/2024 19:36	45702 LIND_T2	1	1	0	1.1	1.1	0	-0.5	-0.51	0	0	0	0	0	0
1/31/2024 19:36	54505 ENOL_T2	1	1	0	0.1	0.2	0.1	-1.15	-1.13	0	0	0	0	0	0
1/31/2024 19:36	44301 BEAV_T2	1	2	1	0.1	1.2	1.1	-0.15	-0.01	0	0	0	0	0	0
1/31/2024 19:36	56802 BENV_T2	1	2	1	0.3	0.15	-0.15	-1.25	-1.26	0	0	0	0	0	0
1/31/2024 19:37	54505 ENOL_T2	1	1	0	0.1	0.2	0.1	0	0	0	0	0	0	0	0
1/31/2024 19:37	54504 ENOL_T2	0	0	0	0	0	0	-0.88	-0.94	0	0	0	0	0	0
1/31/2024 19:37	56802 BENV_T2	1	2	1	0.3	0.15	-0.15	-2.5	-2.52	0	0	0	0	0	0
1/31/2024 19:37	57401 SPAN_T1	0	0	0	0	0	0	-0.67	-0.64	0	0	0	0	0	0
1/31/2024 19:37	54001 SDLE_T1	2	2	0	0.75	1.15	0.4	0	0	0	0	0	0	0	0
1/31/2024 19:38	57303 MOAL_T2	1	1	0	7.3	7	-0.3	0	0	0	0	0	0	0	0
1/31/2024 19:38	58402 MORO_T1	2	0	-2	0.65	0	-0.65	0.03	-0.02	0	0	0	0	0	0
1/31/2024 19:38	56802 BENV_T2	1	2	1	0.3	0.15	-0.15	-2.5	-2.52	0	0	0	0	0	0
1/31/2024 19:38	53901 HAU_T2	116	142	26	0.4	0.56	0.16	0	0	0	0	0	0	0	0
1/31/2024 19:38	54505 ENOL_T2	1	1	0	0.1	0.2	0.1	-1.15	-1.13	0	0	0	0	0	0
1/31/2024 19:38	47401 PENS_T1	0	0	0	0	0	0	0.84	0.87	0	0	0	0	0	0
1/31/2024 19:38	57403 SPAN_T1	0	0	0	0	0	0	0.13	0.11	0	0	0	0	0	0
1/31/2024 19:38	54001 SDLE_T1	2	2	0	0.75	1.15	0.4	0	0	0	0	0	0	0	0
1/31/2024 19:39	65001 NEFF_T2	26	97	71	0.11	0.13	0.02	-0.83	-0.87	0	0	0	0	0	0
1/31/2024 19:39	55002 NEWP_T1	4	5	1	0.58	0.5	-0.08	-0.2	-0.19	0	0	0	0	0	0
1/31/2024 19:39	53501 EVIL_T2	1	1	0	0.2	0.1	-0.1	-0.71	-0.73	0	0	0	0	0	0
1/31/2024 19:39	56501 ROCK_T2	2	3	1	0.5	0.2	-0.3	-1.33	-1.31	0	0	0	0	0	0
1/31/2024 19:39	56802 BENV_T2	1	2	1	0.3	0.15	-0.15	-1.26	-1.26	0	0	0	0	0	0
1/31/2024 19:40	54505 ENOL_T2	1	1	0	0.1	0.2	0.1	0	0	0	0	0	0	0	0
1/31/2024 19:40	53901 HAU_T2	116	142	26	0.4	0.56	0.16	0	0	0	0	0	0	0	0
1/31/2024 19:40	55105 WERT_T1	0	0	0	0	0	0	-0.46	-0.42	0	0	0	0	0	0
1/31/2024 19:43	59101 WALK_T2	0	0	0	0	0	0	1.16	1.25	0	0	0	0	0	0
1/31/2024 19:46	61505 EPET_T1	0	0	0	0	0	0	0.46	0.47	0	0	0	0	0	0
1/31/2024 19:55	65003 NEFF_T2	2	17	15	0.2	0.14	-0.06	0	0	0	0	0	0	0	0
1/31/2024 20:14	63305 GREE_T1	0	0	0	0	0	0	-1.29	-1.33	0	0	0	0	0	0
1/31/2024 20:16	65001 NEFF_T2	32	70	38	0.12	0.12	0	-0.84	-0.95	0	0	0	0	0	0
1/31/2024 20:53	63305 GREE_T1	0	0	0	0	0	0	-1.21	-1.27	0	0	0	0	0	0
1/31/2024 21:09	60101 COCA_T1	0	0	0	0	0	0	0.3	0.3	0	0	0	0	0	0
1/31/2024 21:11	63305 GREE_T1	0	0	0	0	0	0	-1.39	-1.33	0	0	0	0	0	0
1/31/2024 21:43	63305 GREE_T1	0	0	0	0	0	0	-1.17	-1.23	0	0	0	0	0	0
1/31/2024 22:02	29401 BELT_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1/31/2024 22:09	63305 GREE_T1	0	2	2	0	0.2	0.2	-1.31	-1.25	0	0	0	0	0	0
1/31/2024 22:56	44901 SCOT_T2	0	0	0	0	0	0	-0.21	-0.27	0	0	0	0	0	0
1/31/2024 23:02	63305 GREE_T1	0	0	0	0	0	0	-1.3	-1.22	0	0	0	0	0	0
1/31/2024 23:04	65001 NEFF_T2	0	0	0	0	0	0	-0.95	-1	0	0	0	0	0	0
1/31/2024 23:46	65001 NEFF_T2	0	0	0	0	0	0	-1.14	-1.12	0	0	0	0	0	0
2/1/2024 0:15	29402 BELT_T1	1	1	0	8.8	8.5	-0.3	0	0	0	0	0	0	0	0
2/1/2024 0:20	63302 GREE_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/1/2024 0:23	65001 NEFF_T2	0	0	0	0	0	0	-1.22	-1.22	0	0	0	0	0	0
2/1/2024 1:02	63304 GREE_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/1/2024 1:18	63302 GREE_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/1/2024 1:26	65005 NEFF_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/1/2024 1:42	65005 NEFF_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/1/2024 2:20	63305 GREE_T1	0	0	0	0	0	0	-2.43	-2.48	0	0	0	0	0	0
2/1/2024 2:37	63301 GREE_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/1/2024 2:50	65001 NEFF_T2	0	0	0	0	0	0	-1.18	-1.18	0	0	0	0	0	0
2/1/2024 3:08	63302 GREE_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/1/2024 3:24	63304 GREE_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/1/2024 3:42	65002 NEFF_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/1/2024 3:53	65002 NEFF_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/1/2024 4:01	63304 GREE_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/1/2024 4:35	65003 NEFF_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/1/2024 4:43	63303 GREE_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/1/2024 4:58	63305 GREE_T1	0	0	0	0	0	0	-2.45	-2.46	0	0	0	0	0	0
2/1/2024 5:06	65001 NEFF_T2	0	0	0	0	0	0	-0.99	-1.02	0	0	0	0	0	0
2/1/2024 6:06	63306 GREE_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/1/2024 6:25	65002 NEFF_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/1/2024 6:51	65005 NEFF_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/1/2024 7:23	65002 NEFF_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/1/2024 7:31	63304 GREE_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/1/2024 7:39	65004 NEFF_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/1/2024 7:54	46201 DANV_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/1/2024 7:54	45502 DERR_T2	1	0	-1	0.5	0	-0.5	0	0	0	0	0	0	0	0
2/1/2024 7:58	40101 HUNT_T2	86	173	87	0.45	0.45	0	0	0	0	0	0	0	0	0
2/1/2024 8:07	43103 SMIL_T2	0	2	2	0	0.1	0.1	0	0	0	0	0	0	0	0
2/1/2024 8:07	43401 BENT_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/1/2024 8:08	63301 GREE_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/1/2024 8:09	45502 DERR_T2	0	1	1	0	0	0	0	0	0	0	0	0	0	0
2/1/2024 8:09	46206 DANV_T2	3	3	0	0.53	0.55	0.02	0	0	0	0	0	0	0	0
2/1/2024 8:10	65003 NEFF_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/1/2024 8:11	43401 BENT_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/1/2024 8:12	46206 DANV_T2	3	3	0	0.53	0.55	0.02	0	0	0	0	0	0	0	0
2/1/2024 8:15	56802 BENV_T2	2	25	23	0.2	0.22	0.02	-1.41	-1.29	0	0	0	0	0	0

2/1/2024 9:05	67002 STHI_T2	3	12	9	0.1	0.12	0.02	1.95	1.89	0	0	0	0	0	0
2/1/2024 9:06	44201 POIN_T1	0	0	0	0	0	0	-2.3	-2.51	0	0	0	0	0	0
2/1/2024 9:06	43301 WATS_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/1/2024 9:06	67001 STHI_T2	3	4	1	0.23	0.35	0.12	0	0	0	0	0	0	0	0
2/1/2024 9:06	43001 ALWD_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/1/2024 9:07	45501 DERR_T2	2	2	0	0.3	0	-0.3	0.79	0.73	0	0	0	0	0	0
2/1/2024 9:07	52504 PROG_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/1/2024 9:07	58401 MORO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/1/2024 9:07	67001 STHI_T2	3	4	1	0.23	0.35	0.12	0	0	0	0	0	0	0	0
2/1/2024 9:07	67503 WEWI_T2	0	0	0	0	0	0	0.11	0.01	0	0	0	0	0	0
2/1/2024 9:08	43402 BENT_T1	0	0	0	0	0	0	-0.85	-0.87	0	0	0	0	0	0
2/1/2024 9:08	27502 WEIS_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/1/2024 9:08	42903 MIDD_T2	0	0	0	0	0	0	0.32	0.23	0	0	0	0	0	0
2/1/2024 9:08	53501 EVIL_T2	7	8	1	0.66	0.58	-0.08	-1.21	-1.23	0	0	0	0	0	0
2/1/2024 9:08	60701 BREC_T1	0	0	0	0	0	0	-0.25	-0.28	0	0	0	0	0	0
2/1/2024 9:09	45502 DERR_T2	0	1	1	0	0.1	0.1	0	0	0	0	0	0	0	0
2/1/2024 9:09	47104 MARL_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/1/2024 9:10	46205 DANV_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/1/2024 9:10	46201 DANV_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/1/2024 9:10	43402 BENT_T1	0	0	0	0	0	0	-0.85	-0.87	0	0	0	0	0	0
2/1/2024 9:11	46202 DANV_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/1/2024 9:11	53601 DALM_T2	0	0	0	0	0	0	-0.1	-0.15	0	0	0	0	0	0
2/1/2024 9:12	46204 DANV_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/1/2024 9:12	46203 DANV_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/1/2024 9:14	13503 MCMI_T2	0	1	1	0	0.1	0.1	-0.73	-0.74	0	0	0	0	0	0
2/1/2024 9:14	56802 BENV_T2	65	141	76	0.22	0.25	0.03	-1.33	-1.3	0	0	0	0	0	0
2/1/2024 9:16	56802 BENV_T2	79	154	75	0.2	0.24	0.04	-1.33	-1.3	0	0	0	0	0	0
2/1/2024 9:17	47401 PENS_T1	0	0	0	0	0	0	-0.31	-0.36	0	0	0	0	0	0
2/1/2024 9:17	56802 BENV_T2	79	154	75	0.2	0.24	0.04	-2.66	-2.6	0	0	0	0	0	0
2/1/2024 9:17	40101 HUNT_T2	216	247	31	0.55	0.49	-0.06	0	0	0	0	0	0	0	0
2/1/2024 9:18	56802 BENV_T2	79	154	75	0.2	0.24	0.04	-2.66	-2.6	0	0	0	0	0	0
2/1/2024 9:18	47401 PENS_T1	0	0	0	0	0	0	-0.31	-0.36	0	0	0	0	0	0
2/1/2024 9:19	47403 PENS_T1	1	1	0	2	1.5	-0.5	0	0	0	0	0	0	0	0
2/1/2024 9:19	43103 SMIL_T2	4	3	-1	0.15	0.17	0.02	0	0	0	0	0	0	0	0
2/1/2024 9:19	56802 BENV_T2	79	154	75	0.2	0.24	0.04	-2.66	-2.6	0	0	0	0	0	0
2/1/2024 9:25	29402 BELT_T1	1	5	4	9.4	2.02	-7.38	0	0	0	0	0	0	0	0
2/1/2024 9:26	43304 WATS_T2	1	1	0	0.3	0	-0.3	-0.26	-0.19	0	0	0	0	0	0
2/1/2024 9:27	11102 EGYP_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/1/2024 9:30	56802 BENV_T2	138	96	-42	0.24	0.26	0.02	-1.3	-1.35	0	0	0	0	0	0
2/1/2024 9:30	59003 MIFF_T1	0	0	0	0	0	0	-0.27	-0.64	0	0	0	0	0	0
2/1/2024 9:31	56802 BENV_T2	138	96	-42	0.24	0.26	0.02	-1.3	-1.35	0	0	0	0	0	0
2/1/2024 9:32	55002 NEWP_T1	6	6	0	0.88	1.02	0.14	-0.19	-0.21	0	0	0	0	0	0
2/1/2024 9:32	56802 BENV_T2	138	96	-42	0.24	0.26	0.02	-1.3	-1.35	0	0	0	0	0	0
2/1/2024 9:33	56802 BENV_T2	138	96	-42	0.24	0.26	0.02	-1.3	-1.35	0	0	0	0	0	0
2/1/2024 9:33	55001 NEWP_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/1/2024 9:34	41901 REED_T1	5	4	-1	0.32	0.35	0.03	0	0	0	0	0	0	0	0
2/1/2024 9:34	43201 MVIL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/1/2024 9:36	41901 REED_T1	5	4	-1	0.32	0.35	0.03	0	0	0	0	0	0	0	0
2/1/2024 9:37	57401 SPAN_T1	7	14	7	0.39	0.34	-0.05	0	0	0	0	0	0	0	0
2/1/2024 9:37	49803 UNIV_T1	0	0	0	0	0	0	-0.91	-0.89	0	0	0	0	0	0
2/1/2024 9:38	67503 WEWI_T2	0	0	0	0	0	0	0.11	0.09	0	0	0	0	0	0
2/1/2024 9:38	49803 UNIV_T1	0	0	0	0	0	0	-0.89	-0.88	0	0	0	0	0	0
2/1/2024 9:39	42701 AUGU_T1	1	1	0	2.1	2.2	0.1	0	0	0	0	0	0	0	0
2/1/2024 9:40	11103 EGYP_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/1/2024 9:40	40501 CRES_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/1/2024 9:41	54501 ENOL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/1/2024 9:41	40501 CRES_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/1/2024 9:42	46205 DANV_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/1/2024 9:42	42701 AUGU_T1	1	1	0	2.1	2.2	0.1	0	0	0	0	0	0	0	0
2/1/2024 9:45	41801 GOCI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/1/2024 9:46	43202 MVIL_T2	2	49	47	0.15	0.23	0.08	-0.52	-0.55	0	0	0	0	0	0
2/1/2024 9:47	47403 PENS_T1	1	1	0	1.5	1.8	0.3	0	0	0	0	0	0	0	0
2/1/2024 9:47	43202 MVIL_T2	2	49	47	0.15	0.23	0.08	-0.52	-0.55	0	0	0	0	0	0
2/1/2024 9:48	67202 TEHI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/1/2024 9:49	47403 PENS_T1	1	1	0	1.5	1.8	0.3	0	0	0	0	0	0	0	0
2/1/2024 9:49	56501 ROCK_T2	19	40	21	0.16	0.18	0.02	-1.41	-1.44	0	0	0	0	0	0
2/1/2024 9:49	17002 RIRO_T2	4	4	0	0.15	0.1	-0.05	0.7	0.74	0	0	0	0	0	0
2/1/2024 9:50	46701 RENO_T1	11	53	42	0.85	0.33	-0.52	0	0	0	0	0	0	0	0
2/1/2024 9:50	66505 SMAN_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/1/2024 9:50	47403 PENS_T1	1	1	0	1.5	1.8	0.3	0	0	0	0	0	0	0	0
2/1/2024 9:50	57403 SPAN_T1	15	15	0	0.25	0.28	0.03	0	0	0	0	0	0	0	0
2/1/2024 9:50	56503 ROCK_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/1/2024 9:51	67502 WEWI_T2	0	0	0	0	0	0	-1.03	-1.08	0	0	0	0	0	0
2/1/2024 9:51	56503 ROCK_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/1/2024 9:51	57401 SPAN_T1	10	22	12	0.37	0.3	-0.07	-2.04	-2.07	0	0	0	0	0	0
2/1/2024 9:51	67402 WAKE_T2	0	0	0	0	0	0	0.54	0.58	0	0	0	0	0	0
2/1/2024 9:51	56503 ROCK_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/1/2024 9:52	65901 SAKR_T2	1	1	0	8.9	8.8	-0.1	-1.06	-1.02	0	0	0	0	0	0
2/1/2024 9:52	56503 ROCK_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/1/2024 9:52	57401 SPAN_T1	10	22	12	0.37	0.3	-0.07	-1.02	-1.03	0	0	0	0	0	0
2/1/2024 9:53	20402 ASHF_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/1/2024 9:53	46203 DANV_T2	28	41	13	0.26	0.28	0.02	-0.84	-0.84	0	0	0	0	0	0
2/1/2024 9:54	56501 ROCK_T2	19	40	21	0.16	0.18	0.02	-1.44	-1.45	0	0	0	0	0	0
2/1/2024 9:54	46204 DANV_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/1/2024 9:54	57403 SPAN_T1	15	15	0	0.25	0.28	0.03	0	0	0	0	0	0	0	0
2/1/2024 9:54	28602 BLYT_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/1/2024 9:55	29401 BELT_T1	20	59	39	0.19	0.29	0.1	0	0	0	0	0	0	0	0
2/1/2024 9:56	20401 ASHF_T2	3	2	-1	0.37	0.2	-0.17	0	0	0	0	0	0	0	0
2/1/2024 9:58	40501 CRES_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/1/2024 9:59	64902 MILL_T2	0	0	0	0	0	0	-0.64	-0.66	0	0	0	0	0	0
2/1/2024 10:02	67201 TEHI_T1	6	1	-5	0.25	0.3	0.05	1.03	0.86	0	0	0	0	0	0
2/1/2024 10:02	67201 TEHI_T1	6	1	-5	0.25	0.3	0.05	1.03	0.86	0	0	0	0	0	0
2/1/2024 10:03	55002 NEWP_T1	6	6	0	0.92	1.12	0.2	-0.21	-0.24	0	0	0	0	0	0
2/1/2024 10:03	43201 MVIL_T2	0	0	0	0	0	0	-0.36	-0.33	0	0	0	0	0	0
2/1/2024 10:04	57403 SPAN_T1	15	11	-4	0.28	0.23	-0.05	0	0	0	0	0	0	0	0
2/1/2024 10:04	57301 MOAL_T2	7	4	-3	0.14	0.1	-0.04	0	0	0	0	0	0	0	0
2/1/2024 10:04	55001 NEWP_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/1/2024 10:05	64101 REFR_T1	0	0	0	0	0	0	0.01	-0.02	0	0	0	0	0	0
2/1/2024 10:05	57303 MOAL_T2	1	1	0	7	6.8	-0.2	0	0	0	0	0	0	0	0
2/1/2024 10:05	54204 PENN_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/1/2024 10:05	57403 SPAN_T1	15	11	-4	0.28	0.23	-0.05	0.14	0.14	0	0	0	0	0	0
2/1/2024 10:05	57403 SPAN_T1	15	11	-4	0.28	0.23	-0.05	0.14	0.14	0	0	0	0	0	0
2/1/2024 10:06	65903 SAKR_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/1/2024 10:06	57401 SPAN_T1	14	48	34	0.34	0.24	-0.1	-2.07	-2	0	0	0	0	0	0
2/1/2024 10:06	54204 PENN_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/1/2024 10:07	40601 PIGR_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/1/2024 10:07	57403 SPAN_T1	15	11	-4	0.28	0.23	-0.05	0	0	0	0	0	0	0	0
2/1/2024 10:07	24901 WHHA_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/1/2024 10:07	60801 BUCK_T1	0	0	0	0	0	0	-0.43	-0.44	0	0	0	0	0	0
2/1/2024 10:07	42701 AUGU_T1	1	1	0	2.2	2.1	-0.1	0	0	0	0	0	0	0	0
2/1/2024 10:08	57401 SPAN_T1	14	48	34	0.34	0.24	-0.1	-1.03	-1	0	0	0	0	0	0
2/1/2024 10:10	62604 ENGL_T1	0	0	0	0	0	0	-0.4	-0.35	0	0	0	0	0	0
2/1/2024 10:10	53501 EVIL_T2	5	9	4	0.4	0.7	0.3	-1.19	-1.14	0	0	0	0	0	0
2/1/2024 10:11	62602 ENGL_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/1/2024 10:11	53501 EVIL_T2	5	9	4	0.4	0.7	0.3	-2.37	-2.28	0	0	0	0	0	0
2/1/2024 10:11	42701 AUGU_T1	1	1	0	2.2	2.1	-0.1	0	0	0	0	0	0	0	0
2/1/2024 10:12	62606 ENGL_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/1/2024 10:14	53501 EVIL_T2	5	9	4	0.4	0.7	0.3	-1.19	-1.14	0	0	0	0	0	0
2/1/2024 10:15	62601 ENGL_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/1/2024 10:15	56802 BENV_T2	9	92	83	0.29	0.22	-0.07	-1.31	-1.34	0	0	0	0	0	0
2/1/2024 10:15	67202 TEHI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/1/2024 10:16	53501 EVIL_T2	2	9	7	0.55	0.7	0.15	-1.19	-1.14	0	0	0	0	0	0
2/1/2024 10:16	56801 BENV_T1	22	28	6	1.16	0.96	-0.2	-0.65	-0.61	0	0	0	0	0	0
2/1/2024 10:16	62607 ENGL_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/1/2024 10:16	56802 BENV_T2	9	92	83	0.29	0.22	-0.07	-2.62	-2.68	0	0	0	0	0	0
2/1/2024 10:17	56803 BENV_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/1/2024 10:17	65001 NEFF_T2	0	6	6	0	0.12	0.12	-0.54	-0.31	0	0	0	0	0	0
2/1/2024 10:17	13501 MCMI_T1	0	0	0	0	0	0	-0.04	-0.06	0	0	0	0	0	0
2/1/2024 10:18	13901 SEID_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/1/2024 10:18	56802 BENV_T2	9	92	83	0.29	0.22	-0.07	-1.31	-1.34	0	0	0	0	0	0
2/1/2024 10:19	64801 MONE_T2	11	18	7	0.25	0.31	0.06	0	0	0	0	0	0	0	0
2/1/2024 10:19	65903 SAKR_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/1/2024 10:19	67002 STHI_T2	1	11	10	0.1	0.11	0.01	0.66	0.66	0	0	0	0	0	0
2/1/2024 10:19	67202 TEHI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/1/2024 10:19	56802 BENV_T2	9	92	83	0.29	0.22	-0.07	-1.31	-1.34	0	0	0	0	0	0
2/1/2024 10:20	57401 SPAN_T1	19	48	29	0.29	0.24	-0.05	-1	-0.94	0	0	0	0	0	0
2/1/2024 10:20	65002 NEFF_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/1/2024 10:20	54204 PENN_T2	0	1	1	0	0.1	0.1	0	0	0	0	0	0	0	0
2/1/2024 10:22	55002 NEWP_T1	6	6	0	1.1	1.02	-0.08	-0.24	-0.21	0	0	0	0	0	0
2/1/2024 10:22	65003 NEFF_T2	0	3	3	0	0.17	0.17	0	0	0	0	0	0	0	0
2/1/2024 10:22	57401 SPAN_T1	19	48	29	0.29	0.24	-0.05	0	0	0	0	0	0	0	0
2/1/2024 10:24	67001 STHI_T2	4	34	30	0.3	0.14	-0.16	0	0	0	0	0	0	0	0
2/1/2024 10:24	14403 SSLA_T1	0	0	0	0	0	0	0.94	0.93	0	0	0	0	0	0
2/1/2024 10:25	10805 CHHI_T2	6	7	1	1.28	2.19	0.91	-0.81	-0.75	0	0	0	0	0	0
2/1/2024 10:25	17801 GILB_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/1/2024 10:26	45502 DERR_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/1/2024 10:27	10805 CHHI_T2	6	7	1	1.28	2.19	0.91	-0.81	-0.75	0	0	0	0	0	0
2/1/2024 10:27	45502 DERR_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/1/2024 10:27	54504 ENOL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/1/2024 10:27	54503 ENOL_T2	0	0	0	0	0	0	-1.21	-1.22	0	0	0	0	0	0
2/1/2024 10:27	17805 GILB_T2	0	0	0	0	0	0	0.25	0.21	0	0	0	0	0	0
2/1/2024 10:28	17803 GILB_T2	0	1	1	0	0.1	0.1	0	0	0	0	0	0	0	0
2/1/2024 10:28	54502 ENOL_T2	1	1	0	0.1	0.8	0.7	0	0	0	0	0	0	0	0
2/1/2024 10:29	54503 ENOL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/1/2024 10:29	54505 ENOL_T2	1	1	0	0.8	1.2	0.4	-1.2	-1.26	0	0	0	0	0	0
2/1/2024 10:29	17802 GILB_T1	0	0	0	0	0	0	0.24	0.31	0	0	0	0	0	0
2/1/2024 10:30	56802 BENV_T2	17	92	75	0.25	0.22	-0.03	-1.34	-1.34	0	0	0	0	0	0
2/1/2024 10:31	64702 LITI_T2	0	0	0	0	0	0	-0.78	-0.81	0	0	0	0	0	0
2/1/2024 10:31	58401 MORO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/1/2024 10:32	65001 NEFF_T2	0	14	14	0	0.12	0.12	-0.31	-0.39	0	0	0	0	0	0
2/1/2024 10:32	55001 NEWP_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/1/2024 10:32	16402 MOPO_T1	1	3	2	1.6	0.2	-1.4	0.27	0.33	0	0	0	0	0	0
2/1/2024 10:32	46302 ROHR_T1	4	4	0	1.3	1.68	0.38	0.22	0.23	0	0	0	0	0	0
2/1/2024 10:32	64702 LITI_T2	0	0	0	0	0	0	-0.78	-0.81	0	0	0	0	0	0
2/1/2024 10:32	64101 REFR_T1	0	0	0	0	0	0	0.02	-0.01	0	0	0	0	0	0
2/1/2024 10:33	64101 REFR_T1	0	0	0	0	0	0	0.03	-0.01	0	0	0	0	0	0
2/1/2024 10:33	56802 BENV_T2	17	92	75	0.25	0.22	-0.03	-1.34	-1.34	0	0	0	0	0	0
2/1/2024 10:33	64703 LITI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/1/2024 10:34	56501 ROCK_T2	38	22	-16	0.18	0.21	0.03	-1.41	-1.43	0	0	0	0	0	0
2/1/2024 10:34	46301 ROHR_T1	0	29	29	0	0.15	0.15	0	0	0	0	0	0	0	0
2/1/2024 10:35	54206 PENN_T2	36	51	15	0.12	0.15	0.03	0	0	0	0	0	0	0	0
2/1/2024 10:35	16402 MOPO_T1	1	3	2	1.6	0.2	-1.4	0.27	0.33	0	0	0	0	0	0
2/1/2024 10:35	54206 PENN_T2	36	51	15	0.12	0.15	0.03	0	0	0	0	0	0	0	0
2/1/2024 10:35	43001 ALWD_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/1/2024 10:35	67604 WARW_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/1/2024 10:36	64101 REFR_T1	0	0	0	0	0	0	0.05	-0.02	0	0	0	0	0	0
2/1/2024 10:36	57403 SPAN_T1	11	15	4	0.22	0.29	0.07	0.15	0.14	0	0	0	0	0	0
2/1/2024 10:37	56503 ROCK_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/1/2024 10:37	59102 WALK_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/1/2024 10:38	59101 WALK_T2	0	0	0	0	0	0	4.13	4.3	0	0	0	0

Appendix C - Grid Benefits Achieved in Each Instance of Active Management

2/1/2024 10:51	43001 ALWD_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/1/2024 10:51	54503 ENOL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/1/2024 10:51	67402 WAKE_T2	0	0	0	0	0	0	0.53	0.48	0	0	0	0	0	0
2/1/2024 10:51	54202 PENN_T2	56	0	-56	0.16	0	-0.16	0	0	0	0	0	0	0	0
2/1/2024 10:51	67001 STHI_T2	34	65	31	0.14	0.13	-0.01	0	0	0	0	0	0	0	0
2/1/2024 10:51	57401 SPAN_T1	23	2	-21	0.27	0.8	0.53	-0.98	-1.05	0	0	0	0	0	0
2/1/2024 10:52	54202 PENN_T2	56	0	-56	0.16	0	-0.16	0	0	0	0	0	0	0	0
2/1/2024 10:52	56501 ROCK_T2	22	12	-10	0.21	0.25	0.04	-1.43	-1.44	0	0	0	0	0	0
2/1/2024 10:52	57401 SPAN_T1	23	2	-21	0.27	0.8	0.53	0	0	0	0	0	0	0	0
2/1/2024 10:52	45402 WBLO_T2	0	2	2	0	0.35	0.35	-0.66	-0.7	0	0	0	0	0	0
2/1/2024 10:52	67002 STHI_T2	11	12	1	0.11	0.17	0.06	0.69	0.7	0	0	0	0	0	0
2/1/2024 10:52	27503 WEIS_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/1/2024 10:52	16302 ALPA_T2	0	0	0	0	0	0	0.75	0.73	0	0	0	0	0	0
2/1/2024 10:53	67503 WEWI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/1/2024 10:53	10801 CHHI_T1	0	0	0	0	0	0	-0.72	-0.74	0	0	0	0	0	0
2/1/2024 10:54	67503 WEWI_T2	0	0	0	0	0	0	-0.04	0.04	0	0	0	0	0	0
2/1/2024 10:54	16302 ALPA_T2	0	0	0	0	0	0	0.73	0.83	0	0	0	0	0	0
2/1/2024 10:54	67503 WEWI_T2	0	0	0	0	0	0	-0.04	0.04	0	0	0	0	0	0
2/1/2024 10:54	57401 SPAN_T1	23	2	-21	0.27	0.8	0.53	-1.05	-1.04	0	0	0	0	0	0
2/1/2024 10:55	16302 ALPA_T2	0	0	0	0	0	0	0.73	0.83	0	0	0	0	0	0
2/1/2024 10:55	15704 TANN_T1	0	0	0	0	0	0	-1.06	-1.07	0	0	0	0	0	0
2/1/2024 10:56	67401 WAKE_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/1/2024 10:56	60201 ATGL_T2	0	0	0	0	0	0	0.41	0.41	0	0	0	0	0	0
2/1/2024 10:57	45802 HEGI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/1/2024 10:57	46802 HEPB_T1	1	1	0	2	2	0	-1.13	-1.14	0	0	0	0	0	0
2/1/2024 10:57	43001 ALWD_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/1/2024 10:58	10801 CHHI_T1	0	0	0	0	0	0	-0.74	-0.73	0	0	0	0	0	0
2/1/2024 10:59	46802 HEPB_T1	1	1	0	2	2	0	-1.13	-1.14	0	0	0	0	0	0
2/1/2024 11:01	59302 MCAL_T1	0	0	0	0	0	0	-0.47	-0.46	0	0	0	0	0	0
2/1/2024 11:02	64101 REFR_T1	0	0	0	0	0	0	-0.03	-0.04	0	0	0	0	0	0
2/1/2024 11:03	40603 PIGR_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/1/2024 11:03	64802 MONE_T2	0	32	32	0	0.17	0.17	0	0	0	0	0	0	0	0
2/1/2024 11:03	64101 REFR_T1	0	0	0	0	0	0	-0.03	-0.04	0	0	0	0	0	0
2/1/2024 11:04	42902 MIDD_T2	0	0	0	0	0	0	-0.82	-0.87	0	0	0	0	0	0
2/1/2024 11:04	55001 NEWP_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/1/2024 11:04	64101 REFR_T1	0	0	0	0	0	0	-0.03	-0.04	0	0	0	0	0	0
2/1/2024 11:05	44601 SALE_T2	0	0	0	0	0	0	0.64	0.8	0	0	0	0	0	0
2/1/2024 11:05	64101 REFR_T1	0	0	0	0	0	0	-0.03	-0.04	0	0	0	0	0	0
2/1/2024 11:06	67401 WAKE_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/1/2024 11:06	57401 SPAN_T1	2	2	0	0.8	0.65	-0.15	0	0	0	0	0	0	0	0
2/1/2024 11:07	64101 REFR_T1	0	0	0	0	0	0	-0.05	-0.07	0	0	0	0	0	0
2/1/2024 11:08	57403 SPAN_T1	0	0	0	0	0	0	0.07	0.12	0	0	0	0	0	0
2/1/2024 11:08	43001 ALWD_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/1/2024 11:09	53902 HAU_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/1/2024 11:09	45402 WBLO_T2	2	1	-1	0.3	1	0.7	-0.67	-0.65	0	0	0	0	0	0
2/1/2024 11:10	48901 FOSP_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/1/2024 11:12	67401 WAKE_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/1/2024 11:12	40101 HUNT_T2	129	216	87	0.43	0.42	-0.01	0	0	0	0	0	0	0	0
2/1/2024 11:13	20603 GRWO_T2	15	14	-1	0.56	0.2	-0.36	0	0	0	0	0	0	0	0
2/1/2024 11:13	43001 ALWD_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/1/2024 11:14	42201 SHEN_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/1/2024 11:15	62604 ENGL_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/1/2024 11:15	48901 FOSP_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/1/2024 11:16	45701 LIND_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/1/2024 11:16	16101 BING_T2	65	90	25	0.41	0.6	0.19	-0.47	-0.5	0	0	0	0	0	0
2/1/2024 11:16	40101 HUNT_T2	209	163	-46	0.59	0.39	-0.2	0	0	0	0	0	0	0	0
2/1/2024 11:17	59302 MCAL_T1	0	0	0	0	0	0	-0.46	-0.42	0	0	0	0	0	0
2/1/2024 11:17	64101 REFR_T1	0	0	0	0	0	0	-0.04	-0.05	0	0	0	0	0	0
2/1/2024 11:18	64101 REFR_T1	0	0	0	0	0	0	-0.11	-0.14	0	0	0	0	0	0
2/1/2024 11:19	52501 PROG_T1	0	0	0	0	0	0	0.44	0.43	0	0	0	0	0	0
2/1/2024 11:19	64101 REFR_T1	0	0	0	0	0	0	-0.04	-0.05	0	0	0	0	0	0
2/1/2024 11:20	64101 REFR_T1	0	0	0	0	0	0	-0.04	-0.05	0	0	0	0	0	0
2/1/2024 11:21	64101 REFR_T1	0	0	0	0	0	0	-0.07	-0.09	0	0	0	0	0	0
2/1/2024 11:21	47402 PENS_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/1/2024 11:21	40602 PIGR_T1	2	2	0	0.2	0.3	0.1	0	0	0	0	0	0	0	0
2/1/2024 11:21	67002 STHI_T2	2	170	168	0.35	0.17	-0.18	0.68	0.68	0	0	0	0	0	0
2/1/2024 11:22	66703 STRA_T1	0	6	6	0	0.28	0.28	-0.01	-0.09	0	0	0	0	0	0
2/1/2024 11:22	67001 STHI_T2	8	500	492	0.26	0.19	-0.07	0	0	0	0	0	0	0	0
2/1/2024 11:22	67401 WAKE_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/1/2024 11:22	46003 BERW_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/1/2024 11:22	67502 WEWI_T2	0	1	1	0	0.2	0.2	0	0	0	0	0	0	0	0
2/1/2024 11:23	43001 ALWD_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/1/2024 11:24	67002 STHI_T2	2	170	168	0.35	0.17	-0.18	0.68	0.69	0	0	0	0	0	0
2/1/2024 11:25	51102 CARL_T1	0	1	1	0	0.1	0.1	0	0	0	0	0	0	0	0
2/1/2024 11:26	51104 CARL_T1	1	1	0	0	0	0	0	0	0	0	0	0	0	0
2/1/2024 11:26	61303 EARL_T1	0	0	0	0	0	0	0.52	0.59	0	0	0	0	0	0
2/1/2024 11:26	54505 ENOL_T2	1	1	0	0.5	0.8	0.3	0	0	0	0	0	0	0	0
2/1/2024 11:27	54506 ENOL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/1/2024 11:27	41602 CLEV_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/1/2024 11:27	67401 WAKE_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/1/2024 11:27	61305 EARL_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/1/2024 11:27	29402 BELT_T1	1	1	0	9.5	9.4	-0.1	0	0	0	0	0	0	0	0
2/1/2024 11:27	11101 EGYP_T1	0	0	0	0	0	0	-0.73	-0.76	0	0	0	0	0	0
2/1/2024 11:28	53902 HAU_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/1/2024 11:28	54505 ENOL_T2	1	1	0	0.5	0.8	0.3	0	0	0	0	0	0	0	0
2/1/2024 11:28	61301 EARL_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/1/2024 11:28	47001 HUGH_T2	0	0	0	0	0	0	-0.64	-0.69	0	0	0	0	0	0
2/1/2024 11:28	43001 ALWD_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/1/2024 11:29	53901 HAU_T2	14	0	-14	0.19	0	-0.19	-3.07	-3.24	0	0	0	0	0	0
2/1/2024 11:30	61304 EARL_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/1/2024 11:30	40101 HUNT_T2	152	150	-2	0.43	0.41	-0.02	0	0	0	0	0	0	0	0
2/1/2024 11:30	53902 HAU_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/1/2024 11:31	47001 HUGH_T2	0	0	0	0	0	0	-0.64	-0.69	0	0	0	0	0	0
2/1/2024 11:32	29402 BELT_T1	1	1	0	9.4	9.3	-0.1	0	0	0	0	0	0	0	0
2/1/2024 11:32	59301 MCAL_T1	2	2	0	0.4	0.7	0.3	-1.78	-1.72	0	0	0	0	0	0
2/1/2024 11:33	64101 REFR_T1	0	0	0	0	0	0	-0.05	-0.05	0	0	0	0	0	0
2/1/2024 11:33	46302 ROHR_T1	4	4	0	1.43	1.43	0	0	0	0	0	0	0	0	0
2/1/2024 11:34	67001 STHI_T2	455	501	46	0.19	0.2	0.01	0.3	0.26	0	0	0	0	0	0
2/1/2024 11:34	64903 MILL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/1/2024 11:34	17002 RIRO_T2	3	1	-2	0.3	0.3	0	0.71	0.72	0	0	0	0	0	0
2/1/2024 11:34	64101 REFR_T1	0	0	0	0	0	0	-0.14	-0.14	0	0	0	0	0	0
2/1/2024 11:35	66901 SHIL_T2	142	212	70	0.21	0.25	0.04	-1.67	-1.67	0	0	0	0	0	0
2/1/2024 11:35	64101 REFR_T1	0	0	0	0	0	0	-0.05	-0.05	0	0	0	0	0	0
2/1/2024 11:35	46302 ROHR_T1	4	4	0	1.43	1.43	0	0.21	0.22	0	0	0	0	0	0
2/1/2024 11:35	67001 STHI_T2	455	501	46	0.19	0.2	0.01	0.15	0.13	0	0	0	0	0	0
2/1/2024 11:35	46301 ROHR_T1	22	3	-19	0.16	0.1	-0.06	0.24	0.26	0	0	0	0	0	0
2/1/2024 11:36	67503 WEWI_T2	0	0	0	0	0	0	-0.12	-0.16	0	0	0	0	0	0
2/1/2024 11:36	67001 STHI_T2	455	501	46	0.19	0.2	0.01	0	0	0	0	0	0	0	0
2/1/2024 11:36	64101 REFR_T1	0	0	0	0	0	0	-0.05	-0.05	0	0	0	0	0	0
2/1/2024 11:36	46802 HEPB_T1	1	1	0	2.2	1.6	-0.6	-1.14	-1.14	0	0	0	0	0	0
2/1/2024 11:36	16302 ALPA_T2	0	0	0	0	0	0	1.49	1.47	0	0	0	0	0	0
2/1/2024 11:36	67503 WEWI_T2	0	1	1	0	0.2	0.2	-0.27	-0.25	0	0	0	0	0	0
2/1/2024 11:37	15701 TANN_T1	1	1	0	4.3	4.7	0.4	0	0	0	0	0	0	0	0
2/1/2024 11:37	67001 STHI_T2	455	501	46	0.19	0.2	0.01	0	0	0	0	0	0	0	0
2/1/2024 11:37	29402 BELT_T1	1	1	0	9.4	9.3	-0.1	0	0	0	0	0	0	0	0
2/1/2024 11:37	64101 REFR_T1	0	0	0	0	0	0	-0.05	-0.05	0	0	0	0	0	0
2/1/2024 11:38	46302 ROHR_T1	4	4	0	1.43	1.43	0	0.22	0.23	0	0	0	0	0	0
2/1/2024 11:38	29402 BELT_T1	1	1	0	9.4	9.3	-0.1	0	0	0	0	0	0	0	0
2/1/2024 11:38	60201 ATGL_T2	0	0	0	0	0	0	0.46	0.37	0	0	0	0	0	0
2/1/2024 11:38	66703 STRA_T1	3	5	2	0.23	0.3	0.07	-0.09	-0.05	0	0	0	0	0	0
2/1/2024 11:38	67503 WEWI_T2	0	0	0	0	0	0	-0.12	-0.16	0	0	0	0	0	0
2/1/2024 11:38	67002 STHI_T2	147	148	1	0.16	0.17	0.01	1.36	1.38	0	0	0	0	0	0
2/1/2024 11:38	67401 WAKE_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/1/2024 11:38	67604 WARW_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/1/2024 11:38	43001 ALWD_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/1/2024 11:38	49803 UNIV_T1	0	0	0	0	0	0	-1.9	-1.86	0	0	0	0	0	0
2/1/2024 11:39	40503 CRES_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/1/2024 11:39	67503 WEWI_T2	0	0	0	0	0	0	-0.08	-0.1	0	0	0	0	0	0
2/1/2024 11:39	43001 ALWD_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/1/2024 11:39	16302 ALPA_T2	0	0	0	0	0	0	0.74	0.73	0	0	0	0	0	0
2/1/2024 11:40	51109 CARL_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/1/2024 11:40	29401 BELT_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/1/2024 11:40	65005 NEFF_T2	1	0	-1	0.5	0	-0.5	0	0	0	0	0	0	0	0
2/1/2024 11:40	67503 WEWI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/1/2024 11:40	40501 CRES_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/1/2024 11:40	67001 STHI_T2	455	501	46	0.19	0.2	0.01	0	0	0	0	0	0	0	0
2/1/2024 11:41	67402 WAKE_T2	0	1	1	0	0.3	0.3	0.49	0.49	0	0	0	0	0	0
2/1/2024 11:41	40503 CRES_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/1/2024 11:41	40501 CRES_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/1/2024 11:41	67502 WEWI_T2	0	1	1	0	0.2	0.2	-0.13	-0.14	0	0	0	0	0	0
2/1/2024 11:41	29402 BELT_T1	1	1	0	9.4	9.3	-0.1	0	0	0	0	0	0	0	0
2/1/2024 11:42	51108 CARL_T1	1	0	-1	0.1	0	-0.1	0	0	0	0	0	0	0	0
2/1/2024 11:42	40501 CRES_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/1/2024 11:42	29401 BELT_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/1/2024 11:42	16302 ALPA_T2	0	0	0	0	0	0	0.74	0.73	0	0	0	0	0	0
2/1/2024 11:43	29402 BELT_T1	1	1	0	9.4	9.3	-0.1	0	0	0	0	0	0	0	0
2/1/2024 11:43	67401 WAKE_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/1/2024 11:44	53902 HAU_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/1/2024 11:44	64903 MILL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/1/2024 11:44	53903 HAU_T2	0	2	2	0	0.1	0.1	-0.2	-0.23	0	0	0	0	0	0
2/1/2024 11:44	43001 ALWD_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/1/2024 11:45	53901 HAU_T2	0	0	0	0	0	0	-3.24	-3.17	0	0	0	0	0	0
2/1/2024 11:46	67201 TEHI_T1	0	3	3	0	0.27	0.27	0	0	0	0	0	0	0	0
2/1/2024 11:46	46802 HEPB_T1	1	1	0	1.5	1.6	0.1	-1.14	-1.17	0	0	0	0	0	0
2/1/2024 11:46	46801 HEPB_T2	0	0	0	0	0	0	0.7	0.69	0	0	0	0	0	0
2/1/2024 11:46	53901 HAU_T2	0	0	0	0	0	0	-1.62	-1.58	0	0	0	0	0	0
2/1/2024 11:46	42902 MIDD_T2	0	0	0	0	0	0	-0.72	-0.85	0	0	0	0	0	0
2/1/2024 11:46	63804 HEMP_T1	1	1	0	7.1	6.9	-0.2	0.58	0.65	0	0	0	0	0	0
2/1/2024 11:46	53903 HAU_T2	0	2	2	0	0.15	0.15	-0.2	-0.23	0	0	0	0	0	0
2/1/2024 11:47	67201 TEHI_T1	0	3	3	0	0.27	0.27	0.85	0.79	0	0	0	0	0	0
2/1/2024 11:47	53901 HAU_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/1/2024 11:47	47402 PENS_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/1/2024 11:48	59301 MCAL_T1	2	2	0	0.3	1.2	0.9	-1.72	-1.8	0	0	0	0	0	0
2/1/2024 11:48	59302 MCAL_T1	0	0	0	0	0	0	-0.43	-0.47	0	0	0	0	0	0
2/1/2024 11:48	64101 REFR_T1	0	0	0	0	0	0	-0.05	-0.05	0	0	0	0	0	0
2/1/2024 11:48	47403 PENS_T1	1	1	0	1.7	2.1	0.4	0	0	0	0	0	0	0	0
2/1/2024 11:48	46802 HEPB_T1	1	1	0	1.5	1.6	0.1	-1.14	-1.17	0	0	0	0	0	0
2/1/2024 11:49	47403 PENS_T1	1	1	0	1.7	2.1	0.4	0	0	0	0	0	0	0	0
2/1/2024 11:50	64101 REFR_T1	0	0	0	0	0	0	-0.09	-0.09	0	0	0	0	0	0
2/1/2024 11:50	47401 PENS_T1	0	0	0	0	0	0	1.86	1.96	0	0	0	0	0	0
2/1/2024 11:51	66901 SHIL_T2	134	354	220	0.21	0.33	0.12	-1.67	-1.68	0	0	0	0	0	0
2/1/2024 11:51	53903 HAU_T2	0	2	2	0	0.15	0.15	0	0	0	0	0	0	0	0
2/1/2024 11:51	42201 SHEN_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/1/2024 11:51	47403 PENS_T1	1	1	0	1.7	2.1	0.4	0	0	0	0	0	0	0	0
2/1/2024 11:51	64101 REFR_T1	0	0	0	0	0	0	-0.14	-0.14	0	0	0	0	0	0
2/1/2024 11:51	67401 WAKE_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/1/2024 11:52	42201 SHEN_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/1/2024 11:52	47401 PENS_T1	0	0	0	0	0	0	0.93	0.98	0	0	0	0	0	0
2/1/2024 11:52	64101 REFR_T1	0	0	0	0	0	0	-0.05	-0.05	0	0	0	0	0	0
2/1/2024 11:53	67401 WAKE_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/1/2024 11:54	43001 ALWD_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/1/2024 11:54	60201 ATGL_T2	0	0	0	0	0	0	0.28	0.21	0	0	0

2/1/2024 12:44	40101 HUNT_T2	60	49	-11	0.35	0.31	-0.04	0	0	0	0	0	0	0
2/1/2024 12:45	50501 MECH_T1	4	4	0	0.8	0.55	-0.25	0	0	0	0	0	0	0
2/1/2024 12:47	47403 PENS_T1	1	1	0	1.7	1.8	0.1	0	0	0	0	0	0	0
2/1/2024 12:47	65005 NEFF_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
2/1/2024 12:47	40101 HUNT_T2	40	37	-3	0.37	0.3	-0.07	0	0	0	0	0	0	0
2/1/2024 12:48	47402 PENS_T1	0	1	1	0	0	0	0	0	0	0	0	0	0
2/1/2024 12:48	64101 REFR_T1	0	0	0	0	0	0	-0.11	-0.16	0	0	0	0	0
2/1/2024 12:49	47402 PENS_T1	0	1	1	0	0	0	0	0	0	0	0	0	0
2/1/2024 12:49	64101 REFR_T1	0	0	0	0	0	0	-0.22	-0.32	0	0	0	0	0
2/1/2024 12:50	64101 REFR_T1	0	0	0	0	0	0	-0.11	-0.16	0	0	0	0	0
2/1/2024 12:50	47401 PENS_T1	0	0	0	0	0	0	0.9	0.88	0	0	0	0	0
2/1/2024 12:51	54403 SSLA_T1	0	1	1	0	0	0	0.78	0.76	0	0	0	0	0
2/1/2024 12:51	64101 REFR_T1	0	0	0	0	0	0	-0.11	-0.16	0	0	0	0	0
2/1/2024 12:51	47401 PENS_T1	0	0	0	0	0	0	2.71	2.64	0	0	0	0	0
2/1/2024 12:54	64101 REFR_T1	0	0	0	0	0	0	-0.16	-0.1	0	0	0	0	0
2/1/2024 12:54	29401 BELT_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
2/1/2024 12:55	29401 BELT_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
2/1/2024 12:56	29401 BELT_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
2/1/2024 12:56	29402 BELT_T1	1	1	0	8.6	9	0.4	0	0	0	0	0	0	0
2/1/2024 13:03	65001 NEFF_T2	0	0	0	0	0	0	-0.47	-0.58	0	0	0	0	0
2/1/2024 13:07	49803 UNIV_T1	0	0	0	0	0	0	-1.02	-0.95	0	0	0	0	0
2/1/2024 13:10	65001 NEFF_T2	0	0	0	0	0	0	-0.58	-0.56	0	0	0	0	0
2/1/2024 13:17	59302 MCAL_T1	0	0	0	0	0	0	-0.16	-0.19	0	0	0	0	0
2/1/2024 13:17	59301 MCAL_T1	2	2	0	0.45	0.8	0.35	-1.82	-1.84	0	0	0	0	0
2/1/2024 13:19	14801 TREI_T2	0	0	0	0	0	0	0.42	0.41	0	0	0	0	0
2/1/2024 13:20	65001 NEFF_T2	0	0	0	0	0	0	-0.58	-0.56	0	0	0	0	0
2/1/2024 13:29	28803 LAKE_T1	1	0	-1	0.1	0	-0.1	0	0	0	0	0	0	0
2/1/2024 13:35	64101 REFR_T1	0	0	0	0	0	0	-0.18	-0.12	0	0	0	0	0
2/1/2024 13:37	64101 REFR_T1	0	0	0	0	0	0	-0.09	-0.06	0	0	0	0	0
2/1/2024 13:38	67402 WAKE_T2	0	0	0	0	0	0	0.5	0.45	0	0	0	0	0
2/1/2024 13:38	29402 BELT_T1	1	1	0	8.9	9.1	0.2	0	0	0	0	0	0	0
2/1/2024 13:38	61101 BERK_T5	0	0	0	0	0	0	0	0	0	0	0	0	0
2/1/2024 13:39	49804 UNIV_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
2/1/2024 13:40	29401 BELT_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
2/1/2024 13:40	61102 BERK_T5	0	1	1	0	0.1	0.1	0	0	0	0	0	0	0
2/1/2024 13:42	29402 BELT_T1	1	1	0	8.9	9.1	0.2	0	0	0	0	0	0	0
2/1/2024 13:44	67402 WAKE_T2	0	0	0	0	0	0	0.45	0.46	0	0	0	0	0
2/1/2024 13:49	64101 REFR_T1	0	0	0	0	0	0	-0.06	-0.04	0	0	0	0	0
2/1/2024 13:50	42801 SELI_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
2/1/2024 13:50	64101 REFR_T1	0	0	0	0	0	0	-0.12	-0.07	0	0	0	0	0
2/1/2024 13:51	42801 SELI_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
2/1/2024 13:51	64101 REFR_T1	0	0	0	0	0	0	-0.06	-0.04	0	0	0	0	0
2/1/2024 13:53	64101 REFR_T1	0	0	0	0	0	0	-0.12	-0.07	0	0	0	0	0
2/1/2024 13:54	67401 WAKE_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
2/1/2024 13:56	67402 WAKE_T2	0	0	0	0	0	0	0.46	0.46	0	0	0	0	0
2/1/2024 13:59	67402 WAKE_T2	0	0	0	0	0	0	0.46	0.46	0	0	0	0	0
2/1/2024 14:05	59302 MCAL_T1	0	0	0	0	0	0	-0.25	-0.29	0	0	0	0	0
2/1/2024 14:06	27502 WEIS_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
2/1/2024 14:07	43402 BENT_T1	0	0	0	0	0	0	-0.87	-0.91	0	0	0	0	0
2/1/2024 14:07	27502 WEIS_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
2/1/2024 14:09	43401 BENT_T1	0	1	1	0	0	0	0	0	0	0	0	0	0
2/1/2024 14:10	67401 WAKE_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
2/1/2024 14:11	67402 WAKE_T2	0	0	0	0	0	0	0.46	0.49	0	0	0	0	0
2/1/2024 14:11	43001 ALWD_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
2/1/2024 14:11	46002 BERW_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
2/1/2024 14:15	63802 HEMP_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
2/1/2024 14:15	67402 WAKE_T2	0	0	0	0	0	0	0.46	0.49	0	0	0	0	0
2/1/2024 14:17	57303 MOAL_T2	1	1	0	6.5	6.4	-0.1	0	0	0	0	0	0	0
2/1/2024 14:17	20602 GRWO_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
2/1/2024 14:18	64101 REFR_T1	0	0	0	0	0	0	-0.22	-0.16	0	0	0	0	0
2/1/2024 14:18	42201 SHEN_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
2/1/2024 14:20	14402 SSLA_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
2/1/2024 14:20	67001 STHI_T2	458	603	145	0.2	0.29	0.09	0.1	0.12	0	0	0	0	0
2/1/2024 14:20	67401 WAKE_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
2/1/2024 14:20	67002 STHI_T2	93	276	183	0.16	0.22	0.06	0.61	0.6	0	0	0	0	0
2/1/2024 14:20	64101 REFR_T1	0	0	0	0	0	0	-0.22	-0.16	0	0	0	0	0
2/1/2024 14:21	65001 NEFF_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
2/1/2024 14:21	67002 STHI_T2	93	276	183	0.16	0.22	0.06	1.22	1.2	0	0	0	0	0
2/1/2024 14:21	64101 REFR_T1	0	0	0	0	0	0	-0.11	-0.08	0	0	0	0	0
2/1/2024 14:21	49803 UNIV_T1	0	0	0	0	0	0	-0.97	-0.97	0	0	0	0	0
2/1/2024 14:21	43001 ALWD_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
2/1/2024 14:22	66901 SHIL_T2	171	253	82	0.2	0.26	0.06	0	0	0	0	0	0	0
2/1/2024 14:22	64101 REFR_T1	0	0	0	0	0	0	-0.22	-0.16	0	0	0	0	0
2/1/2024 14:22	15701 TANN_T1	1	1	0	4.2	4.5	0.3	0	0	0	0	0	0	0
2/1/2024 14:22	67001 STHI_T2	458	603	145	0.2	0.29	0.09	0.1	0.12	0	0	0	0	0
2/1/2024 14:23	66902 SHIL_T2	17	55	38	0.1	0.12	0.02	0	0	0	0	0	0	0
2/1/2024 14:23	44302 BEAV_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
2/1/2024 14:23	66903 SHIL_T2	0	0	0	0	0	0	-1	-0.98	0	0	0	0	0
2/1/2024 14:23	43402 BENT_T1	0	0	0	0	0	0	-0.91	-1.37	0	0	0	0	0
2/1/2024 14:23	65003 NEFF_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
2/1/2024 14:23	67002 STHI_T2	93	276	183	0.16	0.22	0.06	0	0	0	0	0	0	0
2/1/2024 14:24	64101 REFR_T1	0	0	0	0	0	0	-0.08	-0.09	0	0	0	0	0
2/1/2024 14:24	20401 ASHF_T2	0	2	2	0	0.2	0.2	0	0	0	0	0	0	0
2/1/2024 14:24	66903 SHIL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
2/1/2024 14:25	67002 STHI_T2	93	276	183	0.16	0.22	0.06	1.2	1.24	0	0	0	0	0
2/1/2024 14:25	60803 BUCK_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
2/1/2024 14:25	43402 BENT_T1	0	0	0	0	0	0	-0.91	-1.37	0	0	0	0	0
2/1/2024 14:26	67001 STHI_T2	458	603	145	0.2	0.29	0.09	0	0	0	0	0	0	0
2/1/2024 14:26	20401 ASHF_T2	0	2	2	0	0.2	0.2	0	0	0	0	0	0	0
2/1/2024 14:26	67401 WAKE_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
2/1/2024 14:26	17804 GILB_T2	0	0	0	0	0	0	-0.53	-0.53	0	0	0	0	0
2/1/2024 14:26	46003 BERW_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
2/1/2024 14:27	54504 ENOL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
2/1/2024 14:27	17802 GILB_T1	0	0	0	0	0	0	0.3	0.33	0	0	0	0	0
2/1/2024 14:27	54506 ENOL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
2/1/2024 14:27	43303 WATS_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
2/1/2024 14:27	60801 BUCK_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
2/1/2024 14:27	43001 ALWD_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
2/1/2024 14:28	54504 ENOL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
2/1/2024 14:28	43304 WATS_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
2/1/2024 14:28	60803 BUCK_T1	0	0	0	0	0	0	-0.51	-0.53	0	0	0	0	0
2/1/2024 14:28	17801 GILB_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
2/1/2024 14:29	17805 GILB_T2	0	0	0	0	0	0	0.14	0.13	0	0	0	0	0
2/1/2024 14:29	54503 ENOL_T2	0	0	0	0	0	0	-1.89	-1.27	0	0	0	0	0
2/1/2024 14:29	54506 ENOL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
2/1/2024 14:29	40101 HUNT_T2	80	26	-54	0.43	0.38	-0.05	0	0	0	0	0	0	0
2/1/2024 14:29	46802 HEPB_T1	1	31	30	1.7	0.21	-1.49	-1.17	-1.17	0	0	0	0	0
2/1/2024 14:30	43302 WATS_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
2/1/2024 14:30	43302 WATS_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
2/1/2024 14:30	54506 ENOL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
2/1/2024 14:30	17802 GILB_T1	0	0	0	0	0	0	0.3	0.33	0	0	0	0	0
2/1/2024 14:30	17804 GILB_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
2/1/2024 14:30	54503 ENOL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
2/1/2024 14:30	46802 HEPB_T1	1	48	47	1.7	0.23	-1.47	-1.17	-1.17	0	0	0	0	0
2/1/2024 14:31	43304 WATS_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
2/1/2024 14:31	54503 ENOL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
2/1/2024 14:31	67001 STHI_T2	496	632	136	0.23	0.3	0.07	0	0	0	0	0	0	0
2/1/2024 14:31	11103 EGYP_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
2/1/2024 14:31	40101 HUNT_T2	20	18	-2	0.46	0.4	-0.06	0	0	0	0	0	0	0
2/1/2024 14:32	11104 EGYP_T1	0	0	0	0	0	0	0.22	0.21	0	0	0	0	0
2/1/2024 14:32	57306 MOAL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
2/1/2024 14:32	65004 NEFF_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
2/1/2024 14:32	40101 HUNT_T2	20	18	-2	0.46	0.4	-0.06	0	0	0	0	0	0	0
2/1/2024 14:33	11104 EGYP_T1	0	0	0	0	0	0	0.22	0.21	0	0	0	0	0
2/1/2024 14:34	59402 RFLD_T2	0	0	0	0	0	0	-0.73	-0.59	0	0	0	0	0
2/1/2024 14:34	66902 SHIL_T2	17	76	59	0.1	0.14	0.04	0	0	0	0	0	0	0
2/1/2024 14:34	52504 PROG_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
2/1/2024 14:35	59001 MIFF_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
2/1/2024 14:35	67203 TEHI_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
2/1/2024 14:35	67002 STHI_T2	168	290	122	0.18	0.22	0.04	1.2	1.24	0	0	0	0	0
2/1/2024 14:36	67002 STHI_T2	168	290	122	0.18	0.22	0.04	1.2	1.24	0	0	0	0	0
2/1/2024 14:36	66703 STRA_T1	0	0	0	0	0	0	-0.07	-0.12	0	0	0	0	0
2/1/2024 14:37	15701 TANN_T1	1	1	0	4.4	4.7	0.3	0	0	0	0	0	0	0
2/1/2024 14:37	46002 BERW_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
2/1/2024 14:37	67502 WEWI_T2	0	0	0	0	0	0	-0.06	-0.17	0	0	0	0	0
2/1/2024 14:37	67401 WAKE_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
2/1/2024 14:37	52504 PROG_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
2/1/2024 14:37	43001 ALWD_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
2/1/2024 14:37	67001 STHI_T2	496	632	136	0.23	0.3	0.07	0	0	0	0	0	0	0
2/1/2024 14:37	49804 UNIV_T1	1	0	-1	0.8	0	-0.8	0	0	0	0	0	0	0
2/1/2024 14:38	20402 ASHF_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
2/1/2024 14:38	52504 PROG_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
2/1/2024 14:38	29402 BELT_T1	1	3	2	9	3.23	-5.77	0	0	0	0	0	0	0
2/1/2024 14:38	67401 WAKE_T2	0	0	0	0	0	0	-1.17	-1.15	0	0	0	0	0
2/1/2024 14:38	16302 ALPA_T2	0	0	0	0	0	0	0.71	0.74	0	0	0	0	0
2/1/2024 14:39	46004 BERW_T2	2	0	-2	1.2	0	-1.2	-0.34	-0.44	0	0	0	0	0
2/1/2024 14:39	51103 CARL_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
2/1/2024 14:39	40502 CRES_T2	4	7	3	0.1	0.14	0.04	0	0	0	0	0	0	0
2/1/2024 14:39	55105 WERT_T1	0	0	0	0	0	0	-0.67	-0.67	0	0	0	0	0
2/1/2024 14:39	43402 BENT_T1	0	0	0	0	0	0	-1.37	-0.9	0	0	0	0	0
2/1/2024 14:39	20402 ASHF_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
2/1/2024 14:40	67502 WEWI_T2	0	0	0	0	0	0	-0.52	-0.47	0	0	0	0	0
2/1/2024 14:40	40502 CRES_T2	4	7	3	0.1	0.14	0.04	0	0	0	0	0	0	0
2/1/2024 14:40	16302 ALPA_T2	0	0	0	0	0	0	1.47	1.35	0	0	0	0	0
2/1/2024 14:40	60102 COCA_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
2/1/2024 14:40	67502 WEWI_T2	0	0	0	0	0	0	-0.52	-0.47	0	0	0	0	0
2/1/2024 14:40	29402 BELT_T1	1	3	2	9	3.23	-5.77	0	0	0	0	0	0	0
2/1/2024 14:41	67401 WAKE_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
2/1/2024 14:41	43401 BENT_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
2/1/2024 14:41	54501 ENOL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
2/1/2024 14:41	43301 WATS_T2	0	0	0	0	0	0	-0.7	-0.7	0	0	0	0	0
2/1/2024 14:41	67503 WEWI_T2	0	0	0	0	0	0	-0.15	-0.09	0	0	0	0	0
2/1/2024 14:41	20402 ASHF_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
2/1/2024 14:41	46004 BERW_T2	2	0	-2	1.2	0	-1.2	-0.34	-0.44	0	0	0	0	0
2/1/2024 14:41	29402 BELT_T1	1	3	2	9	3.23	-5.77	0	0	0	0	0	0	0
2/1/2024 14:41	16302 ALPA_T2	0	0	0	0	0	0	0.74	0.68	0	0	0	0	0
2/1/2024 14:41	40502 CRES_T2	4	7	3	0.1	0.14	0.04	0	0	0	0	0	0	0
2/1/2024 14:41	60201 ATGL_T2	0	0	0	0	0	0	0.22	0.34	0	0	0	0	0
2/1/2024 14:42	43301 WATS_T2	0	0	0	0	0	0	-0.7	-0.7	0	0	0	0	0
2/1/2024 14:42	43303 WATS_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
2/1/2024 14:42	43001 ALWD_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
2/1/2024 14:42	67503 WEWI_T2	0	0	0	0	0	0	-0.15	-0.09	0	0	0	0	0
2/1/2024 14:42	60101 COCA_T1	0	0	0	0	0	0	0.34	0.42	0	0	0	0	0
2/1/2024 14:42	54502 ENOL_T2	1	1	0	0.7	0.4	-0.3	0	0	0	0	0	0	0
2/1/2024 14:42	54503 ENOL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
2/1/2024 14:42	40501 CRES_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
2/1/2024 14:43	43301 WATS_T2	0	0	0	0	0	0	-0.7	-0.7	0	0	0	0	0
2/1/2024 14:43	54501 ENOL_T2	0	0	0	0	0	0	0.08	0.09	0	0	0	0	0
2/1/2024 14:43	43304 WATS_T2	0	0	0	0	0	0	-0.76	-0.84	0	0	0	0	0
2/1/2024 14:43	54502 ENOL_T2	1	1	0	0.7	0.4	-0.3	0	0	0	0	0	0	0
2/1/2024 14:43	40501 CRES_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
2/1/2024 14:43	40901 JESH_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
2/1/2024 14:43	54504 ENOL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
2/1/2024 14:43	41801 GOCI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
2/1/2024 14:43	51108 CARL_T1	1	1	0	0.2	0.2	0	0	0	0	0	0	0	0
2/1/2024 14:44	28801 LAKE_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
2/1/2024 14:44	43304 WATS_T2	0	0	0	0	0	0	-0.76	-0.84	0	0	0	0	0
2/1/2024 14:44	54501 ENOL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
2/1/2024 14:44	40501 CRES_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
2/1/2024 14:44	43301 WATS_T2	0	0	0	0	0	0	-1.41	-1.39	0	0	0	0	0
2/1/2024 14:45	54505 ENOL_T2	2	1	-1	0.85	0.8	-0.05	0	0	0	0	0	0	0
2/1/2024 14:45	40101 HUNT_T2	18	7	-11	0.4	0.3	-0.1	0	0	0	0	0	0	0
2/1/2024 14:45	46802 HEPB_T1	31	66	35	0.2

2/1/2024 14:55	60102 COCA_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/1/2024 14:55	27503 WEIS_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/1/2024 14:55	15001 BLMO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/1/2024 14:56	60101 COCA_T1	0	0	0	0	0	0	0.84	0.7	0	0	0	0	0	0
2/1/2024 14:56	67603 WARW_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/1/2024 14:56	61803 EEU_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/1/2024 14:56	60201 ATGL_T2	0	0	0	0	0	0.34	0.39	0	0	0	0	0	0	0
2/1/2024 14:56	15001 BLMO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/1/2024 14:57	67401 WAKE_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/1/2024 14:58	60101 COCA_T1	0	0	0	0	0	0.42	0.35	0	0	0	0	0	0	0
2/1/2024 14:59	41002 LAUR_T2	1	1	1.6	2	0.4	-0.99	-0.97	0	0	0	0	0	0	0
2/1/2024 14:59	43001 ALWD_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/1/2024 14:59	26401 INOR_T1	0	1	1	0	0	1.96	1.76	0	0	0	0	0	0	0
2/1/2024 15:00	41002 LAUR_T2	1	1	0	2	1.8	-0.2	-0.99	-0.97	0	0	0	0	0	0
2/1/2024 15:00	13503 MCMI_T2	4	13	9	0.13	0.18	0.05	-0.81	-0.77	0	0	0	0	0	0
2/1/2024 15:01	58402 MORO_T1	0	0	0	0	0	0	-0.32	-0.27	0	0	0	0	0	0
2/1/2024 15:03	67204 TEHI_T2	0	0	0	0	0	0	-0.09	-0.09	0	0	0	0	0	0
2/1/2024 15:03	64101 REFR_T1	0	0	0	0	0	0	-0.07	-0.05	0	0	0	0	0	0
2/1/2024 15:04	64101 REFR_T1	0	0	0	0	0	0	-0.07	-0.05	0	0	0	0	0	0
2/1/2024 15:04	67202 TEHI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/1/2024 15:04	13503 MCMI_T2	4	13	9	0.13	0.18	0.05	-0.81	-0.77	0	0	0	0	0	0
2/1/2024 15:04	57302 MOAL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/1/2024 15:04	58402 MORO_T1	0	0	0	0	0	0	-0.32	-0.27	0	0	0	0	0	0
2/1/2024 15:05	42202 SHEN_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/1/2024 15:05	65003 NEFF_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/1/2024 15:05	43001 ALWD_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/1/2024 15:05	64101 REFR_T1	0	0	0	0	0	0	-0.07	-0.05	0	0	0	0	0	0
2/1/2024 15:06	57404 SPAN_T2	0	0	0	0	0	0	-0.06	-0.07	0	0	0	0	0	0
2/1/2024 15:06	58402 MORO_T1	0	0	0	0	0	0	-0.32	-0.27	0	0	0	0	0	0
2/1/2024 15:06	64101 REFR_T1	0	0	0	0	0	0	-0.14	-0.1	0	0	0	0	0	0
2/1/2024 15:07	64101 REFR_T1	0	0	0	0	0	0	-0.14	-0.1	0	0	0	0	0	0
2/1/2024 15:07	67001 STHI_T2	605	459	-146	0.29	0.19	-0.1	0	0	0	0	0	0	0	0
2/1/2024 15:07	57404 SPAN_T2	0	0	0	0	0	0	-0.06	-0.07	0	0	0	0	0	0
2/1/2024 15:08	67402 WAKE_T2	0	0	0	0	0	0	0.22	0.23	0	0	0	0	0	0
2/1/2024 15:08	42701 AUGU_T1	1	1	0	1.1	0.8	-0.3	0	0	0	0	0	0	0	0
2/1/2024 15:09	61101 BERK_T5	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/1/2024 15:09	49803 UNIV_T1	0	0	0	0	0	0	-0.97	-0.99	0	0	0	0	0	0
2/1/2024 15:09	42701 AUGU_T1	1	1	0	1.1	0.8	-0.3	0	0	0	0	0	0	0	0
2/1/2024 15:09	43401 BENT_T1	0	1	1	0	0	0	0	0	0	0	0	0	0	0
2/1/2024 15:10	44301 BEAV_T2	0	0	0	0	0	0	0.03	-0.02	0	0	0	0	0	0
2/1/2024 15:11	41503 FAIR_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/1/2024 15:11	43401 BENT_T1	0	1	1	0	0	0	0	0	0	0	0	0	0	0
2/1/2024 15:13	54503 ENOL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/1/2024 15:13	67402 WAKE_T2	0	0	0	0	0	0	0.23	0.23	0	0	0	0	0	0
2/1/2024 15:15	54505 ENOL_T2	1	1	0	0.8	0.9	0.1	0	0	0	0	0	0	0	0
2/1/2024 15:16	65005 NEFF_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/1/2024 15:18	64101 REFR_T1	0	0	0	0	0	0	-0.05	-0.04	0	0	0	0	0	0
2/1/2024 15:19	64101 REFR_T1	0	0	0	0	0	0	-0.1	-0.07	0	0	0	0	0	0
2/1/2024 15:21	55002 NEWP_T1	6	6	0	1.12	1.17	0.05	-0.23	-0.22	0	0	0	0	0	0
2/1/2024 15:21	64101 REFR_T1	0	0	0	0	0	0	-0.05	-0.04	0	0	0	0	0	0
2/1/2024 15:22	64101 REFR_T1	0	0	0	0	0	0	-0.1	-0.07	0	0	0	0	0	0
2/1/2024 15:23	64101 REFR_T1	0	0	0	0	0	0	-0.05	-0.04	0	0	0	0	0	0
2/1/2024 15:24	49804 UNIV_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/1/2024 15:24	67401 WAKE_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/1/2024 15:24	40502 CRES_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/1/2024 15:24	43001 ALWD_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/1/2024 15:25	40501 CRES_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/1/2024 15:26	40501 CRES_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/1/2024 15:27	40501 CRES_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/1/2024 15:29	40502 CRES_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/1/2024 15:29	53902 HALI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/1/2024 15:29	67402 WAKE_T2	0	0	0	0	0	0	0.23	0.26	0	0	0	0	0	0
2/1/2024 15:30	43001 ALWD_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/1/2024 15:30	53902 HALI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/1/2024 15:31	64802 MONE_T2	68	216	148	0.25	0.22	-0.03	0.01	-0.03	0	0	0	0	0	0
2/1/2024 15:31	26402 INOR_T1	0	1	1	0	0.2	0.2	0	0	0	0	0	0	0	0
2/1/2024 15:31	53901 HALI_T2	16	12	-4	0.11	0.12	0.01	-5.86	-5.94	0	0	0	0	0	0
2/1/2024 15:32	46801 HEPB_T2	0	0	0	0	0	0	0.6	0.64	0	0	0	0	0	0
2/1/2024 15:35	13901 SEID_T1	0	0	0	0	0	0	0.22	0.24	0	0	0	0	0	0
2/1/2024 15:37	55002 NEWP_T1	6	6	0	1.17	1	-0.17	-0.22	-0.26	0	0	0	0	0	0
2/1/2024 15:39	67402 WAKE_T2	0	0	0	0	0	0	0.26	0.23	0	0	0	0	0	0
2/1/2024 15:44	63803 HEMP_T1	9	203	194	0.23	0.2	-0.03	0	0	0	0	0	0	0	0
2/1/2024 15:44	67402 WAKE_T2	0	0	0	0	0	0	0.26	0.23	0	0	0	0	0	0
2/1/2024 15:48	47402 PENS_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/1/2024 15:48	56802 BENV_T2	21	5	-16	0.18	0.24	0.06	-0.71	-0.75	0	0	0	0	0	0
2/1/2024 15:49	47402 PENS_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/1/2024 15:49	14403 SSLA_T1	0	0	0	0	0	0	0.9	0.94	0	0	0	0	0	0
2/1/2024 15:51	47402 PENS_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/1/2024 15:54	42202 SHEN_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/1/2024 16:03	55001 NEWP_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/1/2024 16:04	59001 MIFF_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/1/2024 16:04	56802 BENV_T2	5	1	-4	0.24	0.7	0.46	-0.75	-0.73	0	0	0	0	0	0
2/1/2024 16:09	46001 BERW_T1	0	0	0	0	0	0	0.96	0.96	0	0	0	0	0	0
2/1/2024 16:13	65004 NEFF_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/1/2024 16:16	46005 BERW_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/1/2024 16:19	55002 NEWP_T1	6	6	0	0.65	1.05	0.4	-0.26	-0.22	0	0	0	0	0	0
2/1/2024 16:21	67402 WAKE_T2	0	0	0	0	0	0	0.24	0.24	0	0	0	0	0	0
2/1/2024 16:23	40101 HUNT_T2	1	7	6	0.1	0.2	0.1	-1.24	-1.18	0	0	0	0	0	0
2/1/2024 16:23	25404 LAHA_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/1/2024 16:23	45901 AUBU_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/1/2024 16:26	67402 WAKE_T2	0	0	0	0	0	0	0.24	0.25	0	0	0	0	0	0
2/1/2024 16:34	14403 SSLA_T1	0	0	0	0	0	0	0.82	0.8	0	0	0	0	0	0
2/1/2024 16:37	67402 WAKE_T2	0	0	0	0	0	0	0.24	0.25	0	0	0	0	0	0
2/1/2024 16:37	14404 SSLA_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/1/2024 16:42	67402 WAKE_T2	0	0	0	0	0	0	0.25	0.24	0	0	0	0	0	0
2/1/2024 16:45	65002 NEFF_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/1/2024 16:50	61103 BERK_T5	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/1/2024 16:53	67401 WAKE_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/1/2024 16:58	67401 WAKE_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/1/2024 17:00	65003 NEFF_T2	3	4	1	0.17	0.18	0.01	0	0	0	0	0	0	0	0
2/1/2024 17:09	67402 WAKE_T2	0	0	0	0	0	0	0.28	0.25	0	0	0	0	0	0
2/1/2024 17:14	67402 WAKE_T2	0	0	0	0	0	0	0.28	0.25	0	0	0	0	0	0
2/1/2024 17:45	53901 HALI_T2	0	0	0	0	0	0	-1.5	-1.5	0	0	0	0	0	0
2/1/2024 17:47	53902 HALI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/1/2024 17:59	53903 HALI_T2	2	2	0	0.2	0.15	-0.05	-0.24	-0.22	0	0	0	0	0	0
2/1/2024 18:01	53902 HALI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/1/2024 18:03	53903 HALI_T2	2	2	0	0.15	0.3	0.15	0	0	0	0	0	0	0	0
2/1/2024 18:09	65003 NEFF_T2	0	4	4	0	0.2	0.2	0	0	0	0	0	0	0	0
2/1/2024 18:41	29402 BELT_T1	1	1	0	8	8.3	0.3	0	0	0	0	0	0	0	0
2/1/2024 18:41	17002 RIRO_T2	4	8	4	0.1	0.14	0.04	0.4	0.38	0	0	0	0	0	0
2/1/2024 18:49	17802 GILB_T1	0	0	0	0	0	0	0.24	0.23	0	0	0	0	0	0
2/1/2024 18:51	59402 RFLD_T2	0	0	0	0	0	0	-0.8	-0.76	0	0	0	0	0	0
2/1/2024 18:55	41503 FAIR_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/1/2024 18:56	29401 BELT_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/1/2024 18:56	29402 BELT_T1	2	2	0	7.9	8.3	0.4	0	0	0	0	0	0	0	0
2/1/2024 18:56	46302 ROHR_T1	10	29	19	0.73	0.37	-0.36	0.25	0.25	0	0	0	0	0	0
2/1/2024 18:57	17804 GILB_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/1/2024 18:57	29402 BELT_T1	1	1	0	7.9	8.3	0.4	0	0	0	0	0	0	0	0
2/1/2024 18:58	67002 STHI_T2	28	90	62	0.14	0.2	0.06	0.61	0.6	0	0	0	0	0	0
2/1/2024 18:58	16103 BING_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/1/2024 18:58	17801 GILB_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/1/2024 18:59	20601 GRWO_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/1/2024 18:59	48902 FOSP_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/1/2024 18:59	40501 CRES_T2	2	2	0	0.15	0.15	0	0	0	0	0	0	0	0	0
2/1/2024 18:59	26402 INOR_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/1/2024 19:00	13903 SEID_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/1/2024 19:00	67002 STHI_T2	54	101	47	0.16	0.21	0.05	0.61	0.6	0	0	0	0	0	0
2/1/2024 19:01	48901 FOSP_T2	0	0	0	0	0	0	-0.38	-0.38	0	0	0	0	0	0
2/1/2024 19:01	27502 WEIS_T2	0	0	0	0	0	0	-0.43	-0.47	0	0	0	0	0	0
2/1/2024 19:01	24902 WHHA_T1	0	1	1	0	0	0	0.47	0.49	0	0	0	0	0	0
2/1/2024 19:01	25404 LAHA_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/1/2024 19:02	17804 GILB_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/1/2024 19:02	48901 FOSP_T2	0	0	0	0	0	0	-0.38	-0.38	0	0	0	0	0	0
2/1/2024 19:03	20401 ASHF_T2	3	3	0	0.47	0.5	0.03	0	0	0	0	0	0	0	0
2/1/2024 19:03	40501 CRES_T2	2	7	5	0.15	0.2	0.05	0	0	0	0	0	0	0	0
2/1/2024 19:03	67001 STHI_T2	397	510	113	0.18	0.24	0.06	0.08	0.08	0	0	0	0	0	0
2/1/2024 19:04	13502 MCMI_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/1/2024 19:04	10702 CATA_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/1/2024 19:04	29402 BELT_T1	1	1	0	8.3	8.5	0.2	0	0	0	0	0	0	0	0
2/1/2024 19:04	15701 TANN_T1	1	1	0	4.4	4.7	0.3	0	0	0	0	0	0	0	0
2/1/2024 19:04	40502 CRES_T2	20	18	-2	0.32	0.41	0.09	-1.56	-1.5	0	0	0	0	0	0
2/1/2024 19:04	26802 JAFR_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/1/2024 19:04	27502 WEIS_T2	0	0	0	0	0	0	-0.43	-0.47	0	0	0	0	0	0
2/1/2024 19:04	11104 EGYP_T1	0	0	0	0	0	0	0.28	0.29	0	0	0	0	0	0
2/1/2024 19:04	46302 ROHR_T1	28	63	35	0.37	0.26	-0.11	0	0	0	0	0	0	0	0
2/1/2024 19:04	67002 STHI_T2	54	101	47	0.16	0.21	0.05	0.61	0.6	0	0	0	0	0	0
2/1/2024 19:04	28805 LAKE_T1	0	0	0	0	0	0	-0.2	-0.2	0	0	0	0	0	0
2/1/2024 19:05	40505 CRES_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/1/2024 19:05	40501 CRES_T2	4	14	10	0.15	0.2	0.05	0	0	0	0	0	0	0	0
2/1/2024 19:05	15001 BLMO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/1/2024 19:06	15001 BLMO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/1/2024 19:06	41801 GOCI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/1/2024 19:06	45501 DERR_T2	4	3	-1	0.3	0	-0.3	0.65	0.82	0	0	0	0	0	0
2/1/2024 19:06	42203 SHEN_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/1/2024 19:06	16302 ALPA_T2	0	0	0	0	0	0	0.69	0.67	0	0	0	0	0	0
2/1/2024 19:06	13503 MCMI_T2	0	3	3	0	0.13	0.13	-0.69	-0.72	0	0	0	0	0	0
2/1/2024 19:06	10801 CHHI_T1	0	0	0	0	0	0	-0.82	-0.86	0	0	0	0	0	0
2/1/2024 19:07	14403 SSLA_T1	0	0	0	0	0	0	0.8	0.8	0	0	0	0	0	0
2/1/2024 19:07	16302 ALPA_T2	0	0	0	0	0	0	0.69	0.67	0	0	0	0	0	0
2/1/2024 19:07	16401 MOPO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/1/2024 19:07	40101 HUNT_T2	111	116	5	0.59	0.51	-0.08	-1.18	-1.2	0	0	0	0	0	0
2/1/2024 19:07	13503 MCMI_T2	0	3	3	0	0.13	0.13	-0.69	-0.72	0	0	0	0	0	0
2/1/2024 19:08	61301 EARL_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/1/2024 19:08	40101 HUNT_T2	111	116	5	0.59	0.51	-0.08	-0.6	-0.57	0	0	0	0	0	0
2/1/2024 19:08	40501 CRES_T2	2	7	5	0.15	0.2	0.05	0	0	0	0	0	0	0	0
2/1/2024 19:08	16302 ALPA_T2	0	0	0	0	0	0	0.69	0.67	0	0	0	0	0	0
2/1/2024 19:08	44601 SALE_T2	0	0	0	0	0	0	-0.1	-0.09	0	0	0	0	0	0
2/1/2024 19:08	15001 BLMO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/1/2024 19:09	46001 BERW_T1	0	0	0	0	0	0	0.91	0.83	0	0	0	0	0	0
2/1/2024 19:09	17801 GILB_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/1/2024 19:09	49803 UNIV_T1	0	0	0	0	0	0	-1.02	-1.05	0	0	0	0	0	0
2/1/2024 19:09	11101 EGYP_T1	0	0	0	0	0	0	0.53	0.55	0	0	0	0	0	0
2/1/2024 19:09	16402 MOPO_T1	3	1	-2	0.5	0.5	0	0.17	0.2	0	0	0	0	0	0
2/1/2024 19:09	29401 BELT_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/1/2024 19:09	46002 BERW_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/1/2024 19:09	67001 STHI_T2	397	510	113	0.18	0.24	0.06	0	0	0	0	0	0	0	0
2/1/2024 19:09	11102 EGYP_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/1/2024 19:09	42701 AUGU_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/1/2024 19:10	40502 CRES_T2	20	18	-2	0.32	0.41	0.09	-0.75	-0.75	0	0	0	0	0	0
2/1/2024 19:10	46206 DANV_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/1/2024 19:10	10805 CHHI_T2	6	7	1	1.5	1.6	0.1	-0.41	-0.52	0	0	0	0	0	0
2/1/2024 19:11	20403 ASHF_T2	0	0	0	0	0	0	0.85	0.76	0	0	0	0	0	0
2/1/2024 19:11	28801 LAKE_T1	0	0	0	0	0	0	0	0	0

2/1/2024 19:16	64703 LITI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/1/2024 19:16	45402 WBLO_T2	3	15	12	0.13	0.13	0	-0.66	-0.66	0	0	0	0	0	0
2/1/2024 19:16	43201 MVIL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/1/2024 19:16	16302 ALPA_T2	0	0	0	0	0	0	0.67	0.7	0	0	0	0	0	0
2/1/2024 19:17	42701 AUGU_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/1/2024 19:17	43402 BENT_T1	1	1	0	0.4	0	-0.4	-1.51	-1.51	0	0	0	0	0	0
2/1/2024 19:17	43001 ALWD_T1	4	2	-2	0.1	0.1	0	0	0	0	0	0	0	0	0
2/1/2024 19:17	43302 WATS_T2	3	4	1	0.23	0.35	0.12	0	0	0	0	0	0	0	0
2/1/2024 19:17	43302 WATS_T2	3	4	1	0.23	0.35	0.12	0	0	0	0	0	0	0	0
2/1/2024 19:17	40502 CRES_T2	18	13	-5	0.32	0.45	0.13	-0.75	-0.75	0	0	0	0	0	0
2/1/2024 19:17	46802 HEPB_T1	1	1	0	1.8	1.8	0	-1.16	-1.07	0	0	0	0	0	0
2/1/2024 19:17	65901 SAKR_T2	1	1	0	9.2	8.9	-0.3	-1.27	-1.29	0	0	0	0	0	0
2/1/2024 19:17	11102 EGYP_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/1/2024 19:18	43201 MVIL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/1/2024 19:18	60101 COCA_T1	0	0	0	0	0	0	0.3	0.33	0	0	0	0	0	0
2/1/2024 19:18	43303 WATS_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/1/2024 19:18	43402 BENT_T1	1	1	0	0.4	0	-0.4	-1.51	-1.51	0	0	0	0	0	0
2/1/2024 19:18	41601 CLEV_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/1/2024 19:18	40501 CRES_T2	2	7	5	0.15	0.2	0.05	0	0	0	0	0	0	0	0
2/1/2024 19:18	46005 BERW_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/1/2024 19:18	67001 STHI_T2	448	523	75	0.22	0.24	0.02	0.08	0.1	0	0	0	0	0	0
2/1/2024 19:18	61101 BERK_T5	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/1/2024 19:18	46802 HEPB_T1	1	1	0	1.8	1.8	0	-1.16	-1.07	0	0	0	0	0	0
2/1/2024 19:19	43105 SMIL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/1/2024 19:19	60101 COCA_T1	0	0	0	0	0	0	0.3	0.33	0	0	0	0	0	0
2/1/2024 19:19	43301 WATS_T2	0	0	0	0	0	0	-0.71	-0.7	0	0	0	0	0	0
2/1/2024 19:19	61305 EARL_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/1/2024 19:19	46206 DANV_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/1/2024 19:19	43303 WATS_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/1/2024 19:19	43402 BENT_T1	1	1	0	0.4	0	-0.4	-1.51	-1.51	0	0	0	0	0	0
2/1/2024 19:19	46302 ROHR_T1	8	75	67	0.81	0.25	-0.56	0.25	0.25	0	0	0	0	0	0
2/1/2024 19:19	40101 HUNT_T2	99	115	16	0.6	0.43	-0.17	-0.6	-0.57	0	0	0	0	0	0
2/1/2024 19:19	45402 WBLO_T2	3	15	12	0.13	0.13	0	-0.66	-0.66	0	0	0	0	0	0
2/1/2024 19:19	43201 MVIL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/1/2024 19:20	43303 WATS_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/1/2024 19:20	61302 EARL_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/1/2024 19:20	67202 TEHI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/1/2024 19:20	42801 SELI_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/1/2024 19:20	67002 STHI_T2	89	107	18	0.21	0.19	-0.02	0	0	0	0	0	0	0	0
2/1/2024 19:20	64703 LITI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/1/2024 19:20	43001 ALWD_T1	4	2	-2	0.1	0.1	0	0	0	0	0	0	0	0	0
2/1/2024 19:21	46202 DANV_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/1/2024 19:21	43303 WATS_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/1/2024 19:21	64702 LITI_T2	0	0	0	0	0	0	-0.8	-0.86	0	0	0	0	0	0
2/1/2024 19:21	40502 CRES_T2	36	26	-10	0.32	0.45	0.13	-1.5	-1.5	0	0	0	0	0	0
2/1/2024 19:21	41903 REED_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/1/2024 19:21	65604 CIVIL_T2	0	0	0	0	0	0	0.35	0.35	0	0	0	0	0	0
2/1/2024 19:21	46205 DANV_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/1/2024 19:21	67204 TEHI_T2	0	0	0	0	0	0	0.14	0.12	0	0	0	0	0	0
2/1/2024 19:21	42701 AUGU_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/1/2024 19:22	61103 BERK_T5	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/1/2024 19:22	59101 WALK_T2	0	0	0	0	0	0	0.58	0.86	0	0	0	0	0	0
2/1/2024 19:22	66504 SMAN_T2	0	0	0	0	0	0	-0.94	-1.03	0	0	0	0	0	0
2/1/2024 19:22	42802 SELI_T1	0	0	0	0	0	0	-1.36	-1.35	0	0	0	0	0	0
2/1/2024 19:22	66901 SHIL_T2	93	122	29	0.15	0.19	0.04	-1.66	-1.66	0	0	0	0	0	0
2/1/2024 19:22	40603 PIGR_T1	0	0	0	0	0	0	0.38	0.41	0	0	0	0	0	0
2/1/2024 19:22	41002 LAUR_T2	4	4	0	0.48	0.65	0.17	-0.93	-0.92	0	0	0	0	0	0
2/1/2024 19:22	57403 SPAN_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/1/2024 19:22	40501 CRES_T2	2	7	5	0.15	0.2	0.05	0	0	0	0	0	0	0	0
2/1/2024 19:22	56802 BENV_T2	0	0	0	0	0	0	-0.63	-0.69	0	0	0	0	0	0
2/1/2024 19:23	67201 TEHI_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/1/2024 19:23	67503 WEWI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/1/2024 19:23	46803 HEPB_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/1/2024 19:23	57401 SPAN_T1	0	0	0	0	0	0	-0.77	-0.74	0	0	0	0	0	0
2/1/2024 19:23	40503 CRES_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/1/2024 19:23	46701 RENO_T1	22	14	-8	0.51	0.7	0.19	0	0	0	0	0	0	0	0
2/1/2024 19:24	54504 ENOL_T2	0	0	0	0	0	0	-0.93	-0.95	0	0	0	0	0	0
2/1/2024 19:24	54506 ENOL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/1/2024 19:24	53602 DALM_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/1/2024 19:24	40601 PIGR_T1	13	34	21	0.15	0.17	0.02	0	0	0	0	0	0	0	0
2/1/2024 19:24	62601 ENGL_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/1/2024 19:24	67502 WEWI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/1/2024 19:24	41901 REED_T1	9	10	1	0.67	0.75	0.08	0	0	0	0	0	0	0	0
2/1/2024 19:24	67002 STHI_T2	89	107	18	0.21	0.19	-0.02	0.58	0.62	0	0	0	0	0	0
2/1/2024 19:24	45703 LIND_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/1/2024 19:24	67604 WARW_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/1/2024 19:24	54502 ENOL_T2	0	0	0	0	0	0	-1.13	-1.16	0	0	0	0	0	0
2/1/2024 19:24	57401 SPAN_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/1/2024 19:24	56802 BENV_T2	0	0	0	0	0	0	-0.69	-0.62	0	0	0	0	0	0
2/1/2024 19:25	67502 WEWI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/1/2024 19:25	60201 ATGL_T2	0	0	0	0	0	0	0.29	0.21	0	0	0	0	0	0
2/1/2024 19:25	55001 NEWP_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/1/2024 19:25	67603 WARW_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/1/2024 19:25	56504 ROCK_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/1/2024 19:25	53502 EVIL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/1/2024 19:25	64101 REFR_T1	0	0	0	0	0	0	-0.05	-0.06	0	0	0	0	0	0
2/1/2024 19:25	65904 SAKR_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/1/2024 19:25	40502 CRES_T2	18	13	-5	0.32	0.45	0.13	-0.75	-0.15	0	0	0	0	0	0
2/1/2024 19:25	56802 BENV_T2	0	0	0	0	0	0	-1.38	-1.24	0	0	0	0	0	0
2/1/2024 19:25	57401 SPAN_T1	0	0	0	0	0	0	-2.23	-2.15	0	0	0	0	0	0
2/1/2024 19:26	53903 HALI_T2	2	2	0	0.2	0.4	0.2	-0.24	-0.25	0	0	0	0	0	0
2/1/2024 19:26	53502 EVIL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/1/2024 19:26	53903 HALI_T2	2	2	0	0.2	0.4	0.2	-0.24	-0.25	0	0	0	0	0	0
2/1/2024 19:26	65002 NEFF_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/1/2024 19:26	59102 WALK_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/1/2024 19:26	57304 MOAL_T2	0	0	0	0	0	0	-0.32	-0.32	0	0	0	0	0	0
2/1/2024 19:26	54503 ENOL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/1/2024 19:26	60801 BUCK_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/1/2024 19:26	56504 ROCK_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/1/2024 19:26	65603 CIVIL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/1/2024 19:26	56802 BENV_T2	0	0	0	0	0	0	-0.69	-0.62	0	0	0	0	0	0
2/1/2024 19:26	54505 ENOL_T2	1	1	0	0.7	0.6	-0.1	-2.54	-2.52	0	0	0	0	0	0
2/1/2024 19:26	54204 PENN_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/1/2024 19:26	62606 ENGL_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/1/2024 19:26	67503 WEWI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/1/2024 19:26	55001 NEWP_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/1/2024 19:26	45802 HEGI_T2	0	0	0	0	0	0	2.3	0.6	0	0	0	0	0	0
2/1/2024 19:26	40501 CRES_T2	2	7	5	0.15	0.2	0.05	0	0	0	0	0	0	0	0
2/1/2024 19:27	54506 ENOL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/1/2024 19:27	61305 EARL_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/1/2024 19:27	54506 ENOL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/1/2024 19:27	57403 SPAN_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/1/2024 19:27	62605 ENGL_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/1/2024 19:27	56501 ROCK_T2	1	1	0	0.1	0.3	0.2	-0.18	-0.16	0	0	0	0	0	0
2/1/2024 19:27	66504 SMAN_T2	0	0	0	0	0	0	-0.52	-0.51	0	0	0	0	0	0
2/1/2024 19:27	60801 BUCK_T1	0	0	0	0	0	0	-0.18	-0.18	0	0	0	0	0	0
2/1/2024 19:27	54501 ENOL_T2	0	0	0	0	0	0	0.12	0.12	0	0	0	0	0	0
2/1/2024 19:27	53901 HALI_T2	3	0	-3	0.1	0	-0.1	-1.51	-1.53	0	0	0	0	0	0
2/1/2024 19:27	64802 MONE_T2	4	6	2	0.13	0.15	0.02	0	0	0	0	0	0	0	0
2/1/2024 19:27	44301 BEAV_T2	0	0	0	0	0	0	-0.15	-0.24	0	0	0	0	0	0
2/1/2024 19:27	60801 BUCK_T1	0	0	0	0	0	0	-0.18	-0.18	0	0	0	0	0	0
2/1/2024 19:27	52504 PROG_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/1/2024 19:27	56802 BENV_T2	0	0	0	0	0	0	-2.76	-2.48	0	0	0	0	0	0
2/1/2024 19:28	59102 WALK_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/1/2024 19:28	62605 ENGL_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/1/2024 19:28	51102 CARL_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/1/2024 19:28	53903 HALI_T2	2	2	0	0.2	0.4	0.2	0	0	0	0	0	0	0	0
2/1/2024 19:28	58402 MORO_T1	1	0	-1	0.1	0	-0.1	-0.11	-0.14	0	0	0	0	0	0
2/1/2024 19:28	52501 PROG_T1	0	0	0	0	0	0	0.6	0.64	0	0	0	0	0	0
2/1/2024 19:28	60602 NCOL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/1/2024 19:28	60603 NCOL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/1/2024 19:28	53502 EVIL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/1/2024 19:28	57401 SPAN_T1	0	0	0	0	0	0	-0.74	-0.72	0	0	0	0	0	0
2/1/2024 19:28	56801 BENV_T1	18	19	1	0.46	0.63	0.17	-0.66	-0.67	0	0	0	0	0	0
2/1/2024 19:28	47403 PENS_T1	1	1	0	2.4	2.4	0	0	0	0	0	0	0	0	0
2/1/2024 19:28	56802 BENV_T2	0	0	0	0	0	0	-0.69	-0.62	0	0	0	0	0	0
2/1/2024 19:28	67503 WEWI_T2	0	0	0	0	0	0	0.03	-0.07	0	0	0	0	0	0
2/1/2024 19:29	62604 ENGL_T1	0	0	0	0	0	0	-0.47	-0.41	0	0	0	0	0	0
2/1/2024 19:29	59101 WALK_T2	0	0	0	0	0	0	0.86	0.84	0	0	0	0	0	0
2/1/2024 19:29	54202 PENN_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/1/2024 19:29	60201 ATGL_T2	0	0	0	0	0	0	0.29	0.21	0	0	0	0	0	0
2/1/2024 19:29	54502 ENOL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/1/2024 19:29	54502 ENOL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/1/2024 19:29	67201 TEHI_T1	0	0	0	0	0	0	-0.23	-0.25	0	0	0	0	0	0
2/1/2024 19:29	56802 BENV_T2	0	0	0	0	0	0	-0.69	-0.62	0	0	0	0	0	0
2/1/2024 19:29	61803 EELI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/1/2024 19:29	67503 WEWI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/1/2024 19:29	60102 COCA_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/1/2024 19:29	59001 MIFF_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/1/2024 19:30	59301 MCAL_T1	0	2	2	0	0.1	0.1	0	0	0	0	0	0	0	0
2/1/2024 19:30	54503 ENOL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/1/2024 19:30	65901 SAKR_T2	1	1	0	8.8	9.1	0.3	0	0	0	0	0	0	0	0
2/1/2024 19:30	54506 ENOL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/1/2024 19:30	67402 WAKE_T2	0	0	0	0	0	0	-0.4	-0.42	0	0	0	0	0	0
2/1/2024 19:30	56802 BENV_T2	0	0	0	0	0	0	-0.69	-0.62	0	0	0	0	0	0
2/1/2024 19:30	64802 MONE_T2	6	0	-6	0.15	0	-0.15	-0.05	-0.06	0	0	0	0	0	0
2/1/2024 19:30	40101 HUNT_T2	101	78	-23	0.47	0.35	-0.12	-0.57	-0.65	0	0	0	0	0	0
2/1/2024 19:31	51104 CARL_T1	1	1	0	0	0	0	0	0	0	0	0	0	0	0
2/1/2024 19:31	60605 NCOL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/1/2024 19:31	53902 HALI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/1/2024 19:31	54501 ENOL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/1/2024 19:31	56802 BENV_T2	0	0	0	0	0	0	-0.69	-0.62	0	0	0	0	0	0
2/1/2024 19:31	54505 ENOL_T2	1	1	0	0.6	0.8	0.2	-1.27	-1.26	0	0	0	0	0	0
2/1/2024 19:31	56501 ROCK_T2	1	1	0	0.3	0.8	0.5	-0.09	-0.08	0	0	0	0	0	0
2/1/2024 19:31	54506 ENOL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/1/2024 19:31	57303 MOAL_T2	1	1	0	7.6	7.6	0	0	0	0	0	0	0	0	0
2/1/2024 19:31	54206 PENN_T2	0	5	5	0	0.18	0.18	0	-0.03	0	0	0	0	0	0
2/1/2024 19:31	55001 NEWP_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/1/2024 19:31	52504 PROG_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/1/2024 19:31	53502 EVIL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/1/2024 19:31	57401 SPAN_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/1/2024 19:32	67401 WAKE_T2	0	0	0	0	0	0	-1.19	-1.23	0	0	0	0	0	0
2/1/2024 19:32	41802 GOCI_T2	0	4	4	0	0.1	0.1	0	0	0	0	0	0	0	0
2/1/2024 19:32	57401 SPAN_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/1/2024 19:32	54202 PENN_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/1/2024 19:32	47401 PENS_T1	0	0	0	0	0	0	0.83	0.85	0	0	0	0	0	0
2/1/2024 19:32	56802 BENV_T2	0	0	0	0	0	0	-1.38	-1.24	0	0	0	0	0	0
2/1/2024 19:32	58401 MORO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/1/2024 19:32	67604 WARW_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/1/2024 19:33	58301 NOTT_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/1/2024 19:33	54506 ENOL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/1/2024 19:33	55002 NEWP_T1	6	6	0	0.55	0.63	0.08	-0.24	-0.25	0	0	0	0	0	0
2/1/2024 19:33	67503 WEWI_T2	0	0	0	0	0	0	0.03	-0.07	0	0	0	0	0	0
2/1/2024 19:33	59101 WALK_T2	0	0	0	0

2/2/2024 0:58	65005 NEFF_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/2/2024 2:17	65002 NEFF_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/2/2024 3:04	65005 NEFF_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/2/2024 3:18	65005 NEFF_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/2/2024 4:07	65002 NEFF_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/2/2024 4:28	65001 NEFF_T2	12	5	-7	0.14	0.1	-0.04	-1.29	-1.26	0	0	0	0	0	0
2/2/2024 5:26	65003 NEFF_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/2/2024 6:13	65002 NEFF_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/2/2024 6:29	65002 NEFF_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/2/2024 7:43	65004 NEFF_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/2/2024 7:52	45501 DERR_T2	1	1	0	0	0	0.5	0.58	0	0	0	0	0	0	0
2/2/2024 7:53	43402 BENT_T1	0	0	0	0	0	-1.53	-0.91	0	0	0	0	0	0	0
2/2/2024 7:55	43401 BENT_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/2/2024 7:57	53902 HALI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/2/2024 7:57	46203 DANV_T2	4	14	10	0.2	0.24	0.04	-1.75	-0.87	0	0	0	0	0	0
2/2/2024 8:09	45502 DERR_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/2/2024 8:11	46205 DANV_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/2/2024 8:12	46206 DANV_T2	2	0	-2	1.05	0	-1.05	0	0	0	0	0	0	0	0
2/2/2024 8:19	65002 NEFF_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/2/2024 8:23	56503 ROCK_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/2/2024 8:24	56802 BENV_T2	4	100	96	0.28	0.23	-0.05	-2.84	-2.81	0	0	0	0	0	0
2/2/2024 8:25	56802 BENV_T2	4	100	96	0.28	0.23	-0.05	-1.42	-1.41	0	0	0	0	0	0
2/2/2024 8:26	56802 BENV_T2	4	100	96	0.28	0.23	-0.05	-1.42	-1.41	0	0	0	0	0	0
2/2/2024 8:27	56802 BENV_T2	4	100	96	0.28	0.23	-0.05	-1.42	-1.41	0	0	0	0	0	0
2/2/2024 8:28	56802 BENV_T2	4	100	96	0.28	0.23	-0.05	-1.42	-1.41	0	0	0	0	0	0
2/2/2024 8:30	65005 NEFF_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/2/2024 8:35	55001 NEWP_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/2/2024 8:38	49804 UNIV_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/2/2024 8:49	65004 NEFF_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/2/2024 8:49	67001 STHI_T2	347	445	98	0.15	0.18	0.03	0	0	0	0	0	0	0	0
2/2/2024 8:53	46204 DANV_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/2/2024 8:53	24104 EHAZ_T1	34	132	98	0.13	0.36	0.23	0	0	0	0	0	0	0	0
2/2/2024 8:53	67001 STHI_T2	347	445	98	0.15	0.18	0.03	0	0	0	0	0	0	0	0
2/2/2024 8:54	67001 STHI_T2	347	445	98	0.15	0.18	0.03	0	0	0	0	0	0	0	0
2/2/2024 8:55	46203 DANV_T2	46	25	-21	0.27	0.24	-0.03	0	0	0	0	0	0	0	0
2/2/2024 8:58	24104 EHAZ_T1	34	132	98	0.13	0.36	0.23	0	0	0	0	0	0	0	0
2/2/2024 8:58	53602 DALM_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/2/2024 9:00	67401 WAKE_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/2/2024 9:00	49804 UNIV_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/2/2024 9:00	56501 ROCK_T2	0	0	0	0	0	0	-2.97	-3.05	0	0	0	0	0	0
2/2/2024 9:00	67502 WEWI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/2/2024 9:00	23402 HONE_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/2/2024 9:00	59102 WALK_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/2/2024 9:00	53901 HALI_T2	0	0	0	0	0	0	-3.26	-3.22	0	0	0	0	0	0
2/2/2024 9:00	56501 ROCK_T2	0	0	0	0	0	0	-2.97	-3.05	0	0	0	0	0	0
2/2/2024 9:00	41801 GOCI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/2/2024 9:00	41903 REED_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/2/2024 9:00	24104 EHAZ_T1	130	149	19	0.35	0.38	0.03	0	0	0	0	0	0	0	0
2/2/2024 9:00	42001 MNVL_T2	0	0	0	0	0	0	0.07	0.08	0	0	0	0	0	0
2/2/2024 9:00	58402 MORO_T1	0	0	0	0	0	0	-1.92	-1.94	0	0	0	0	0	0
2/2/2024 9:00	43303 WATS_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/2/2024 9:00	46003 BERW_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/2/2024 9:00	53903 HALI_T2	2	2	0	0.7	0.8	0.1	-0.24	-0.25	0	0	0	0	0	0
2/2/2024 9:00	60701 BREC_T1	0	1	1	0	0	0	-0.37	-0.46	0	0	0	0	0	0
2/2/2024 9:00	43001 ALWD_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/2/2024 9:00	65005 NEFF_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/2/2024 9:00	42201 SHEN_T2	0	0	0	0	0	0	-0.03	-0.03	0	0	0	0	0	0
2/2/2024 9:00	16101 BING_T2	1	0	-1	0.2	0	-0.2	0.48	0.49	0	0	0	0	0	0
2/2/2024 9:00	45902 AUBU_T1	0	0	0	0	0	0	-0.28	-0.24	0	0	0	0	0	0
2/2/2024 9:00	40501 CRES_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/2/2024 9:00	47104 MARL_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/2/2024 9:00	44201 POIN_T1	0	0	0	0	0	0	-1.98	-1.37	0	0	0	0	0	0
2/2/2024 9:00	66902 SHIL_T2	7	3	-4	0.1	0.1	0	0	0	0	0	0	0	0	0
2/2/2024 9:00	67001 STHI_T2	399	386	-13	0.17	0.18	0.01	0	0	0	0	0	0	0	0
2/2/2024 9:01	56802 BENV_T2	24	93	69	0.19	0.25	0.06	-1.39	-1.39	0	0	0	0	0	0
2/2/2024 9:01	40901 JESH_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/2/2024 9:02	56802 BENV_T2	24	93	69	0.19	0.25	0.06	-1.39	-1.39	0	0	0	0	0	0
2/2/2024 9:02	56801 BENV_T1	22	26	4	0.72	0.85	0.13	-0.65	-0.66	0	0	0	0	0	0
2/2/2024 9:06	42901 MIDD_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/2/2024 9:06	43001 ALWD_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/2/2024 9:07	43402 BENT_T1	0	0	0	0	0	0	-0.87	-0.87	0	0	0	0	0	0
2/2/2024 9:07	13904 SEID_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/2/2024 9:07	27503 WEIS_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/2/2024 9:07	13904 SEID_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/2/2024 9:07	20401 ASHF_T2	0	1	1	0	0	0	-0.27	-0.26	0	0	0	0	0	0
2/2/2024 9:07	67503 WEWI_T2	0	0	0	0	0	0	-0.07	0.02	0	0	0	0	0	0
2/2/2024 9:07	53502 EVIL_T2	2	2	0	1.55	1.5	-0.05	0	0	0	0	0	0	0	0
2/2/2024 9:07	65801 RTWN_T1	0	0	0	0	0	0	-1.14	-1.1	0	0	0	0	0	0
2/2/2024 9:07	42302 MOWR_T2	0	0	0	0	0	0	0.2	0.24	0	0	0	0	0	0
2/2/2024 9:08	46204 DANV_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/2/2024 9:08	59101 WALK_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/2/2024 9:08	67502 WEWI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/2/2024 9:08	56802 BENV_T2	24	93	69	0.19	0.25	0.06	-2.78	-2.78	0	0	0	0	0	0
2/2/2024 9:09	62102 ELAN_T1	0	0	0	0	0	0	0.74	0.82	0	0	0	0	0	0
2/2/2024 9:09	60803 BUCK_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/2/2024 9:09	67001 STHI_T2	399	386	-13	0.17	0.18	0.01	0	0	0	0	0	0	0	0
2/2/2024 9:09	45502 DERR_T2	1	0	-1	0.2	0	-0.2	0	0	0	0	0	0	0	0
2/2/2024 9:10	56802 BENV_T2	24	93	69	0.19	0.25	0.06	-1.39	-1.42	0	0	0	0	0	0
2/2/2024 9:11	45502 DERR_T2	1	0	-1	0.2	0	-0.2	0	0	0	0	0	0	0	0
2/2/2024 9:11	46202 DANV_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/2/2024 9:11	56802 BENV_T2	24	93	69	0.19	0.25	0.06	-1.39	-1.42	0	0	0	0	0	0
2/2/2024 9:12	25402 LAHA_T2	0	1	1	0	0	0	-0.67	-0.69	0	0	0	0	0	0
2/2/2024 9:13	63301 GREE_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/2/2024 9:14	43401 BENT_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/2/2024 9:14	62105 ELAN_T1	0	1	1	0	0	0	0	0	0	0	0	0	0	0
2/2/2024 9:16	63303 GREE_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/2/2024 9:17	55002 NEWP_T1	5	5	0	1.28	1.24	-0.04	-0.22	-0.22	0	0	0	0	0	0
2/2/2024 9:21	49803 UNIV_T1	0	0	0	0	0	0	-0.92	-0.96	0	0	0	0	0	0
2/2/2024 9:23	29402 BELT_T1	35	197	162	0.16	0.29	0.13	0	0	0	0	0	0	0	0
2/2/2024 9:27	41802 GOCI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/2/2024 9:30	55002 NEWP_T1	5	5	0	1.22	0.88	-0.34	-0.22	-0.19	0	0	0	0	0	0
2/2/2024 9:31	55001 NEWP_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/2/2024 9:32	43202 MVIL_T2	75	69	-6	0.85	0.73	-0.12	-0.57	-0.59	0	0	0	0	0	0
2/2/2024 9:33	13503 MCMI_T2	0	3	3	0	0	0	0.11	0.07	0	0	0	0	0	0
2/2/2024 9:35	67204 TEHI_T2	0	0	0	0	0	0	-0.08	-0.04	0	0	0	0	0	0
2/2/2024 9:35	43302 WATS_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/2/2024 9:36	43304 WATS_T2	0	0	0	0	0	0	-0.08	-0.13	0	0	0	0	0	0
2/2/2024 9:36	59102 WALK_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/2/2024 9:37	59102 WALK_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/2/2024 9:37	67204 TEHI_T2	0	0	0	0	0	0	-0.08	-0.04	0	0	0	0	0	0
2/2/2024 9:37	56802 BENV_T2	93	88	-5	0.24	0.22	-0.02	-1.42	-1.37	0	0	0	0	0	0
2/2/2024 9:38	46203 DANV_T2	41	77	36	0.27	0.29	0.02	0	0	0	0	0	0	0	0
2/2/2024 9:38	56802 BENV_T2	93	88	-5	0.24	0.22	-0.02	-4.26	-4.11	0	0	0	0	0	0
2/2/2024 9:38	43304 WATS_T2	0	0	0	0	0	0	-0.13	-0.13	0	0	0	0	0	0
2/2/2024 9:38	40501 CRES_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/2/2024 9:39	40502 CRES_T2	0	0	0	0	0	0	-0.4	-0.4	0	0	0	0	0	0
2/2/2024 9:39	56802 BENV_T2	93	88	-5	0.24	0.22	-0.02	-1.37	-1.37	0	0	0	0	0	0
2/2/2024 9:39	59101 WALK_T2	0	0	0	0	0	0	1.49	1.55	0	0	0	0	0	0
2/2/2024 9:41	46204 DANV_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/2/2024 9:41	56802 BENV_T2	93	88	-5	0.24	0.22	-0.02	-2.74	-2.74	0	0	0	0	0	0
2/2/2024 9:42	46202 DANV_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/2/2024 9:42	40502 CRES_T2	0	0	0	0	0	0	-0.2	-0.2	0	0	0	0	0	0
2/2/2024 9:42	56802 BENV_T2	93	88	-5	0.24	0.22	-0.02	-2.74	-2.74	0	0	0	0	0	0
2/2/2024 9:44	26402 INOR_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/2/2024 9:45	43202 MVIL_T2	67	74	7	0.73	0.74	0.01	-0.59	-0.58	0	0	0	0	0	0
2/2/2024 9:46	43201 MVIL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/2/2024 9:46	46201 DANV_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/2/2024 9:48	41903 REED_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/2/2024 9:49	46302 ROHR_T1	17	8	-9	0.62	0.94	0.32	0.23	0.23	0	0	0	0	0	0
2/2/2024 9:49	66502 SMAN_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/2/2024 9:50	59003 MIFF_T1	0	0	0	0	0	0	-0.45	-0.29	0	0	0	0	0	0
2/2/2024 9:51	41902 REED_T1	1	1	0	1.6	0.4	-1.2	1.18	1.23	0	0	0	0	0	0
2/2/2024 9:51	65903 SAKR_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/2/2024 9:51	67401 WAKE_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/2/2024 9:51	46301 ROHR_T1	191	184	-7	0.39	0.4	0.01	0	0	0	0	0	0	0	0
2/2/2024 9:52	64101 REFR_T1	0	0	0	0	0	0	-0.06	-0.04	0	0	0	0	0	0
2/2/2024 9:53	29401 BELT_T1	93	142	49	0.41	0.45	0.04	0	0	0	0	0	0	0	0
2/2/2024 9:53	20402 ASHF_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/2/2024 9:53	66502 SMAN_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/2/2024 9:54	43303 WATS_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/2/2024 9:54	40502 CRES_T2	0	0	0	0	0	0	-0.6	-0.57	0	0	0	0	0	0
2/2/2024 9:55	40501 CRES_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/2/2024 9:55	67502 WEWI_T2	0	0	0	0	0	0	-1.14	-1.12	0	0	0	0	0	0
2/2/2024 9:55	20401 ASHF_T2	1	0	-1	0.1	0	-0.1	0	0	0	0	0	0	0	0
2/2/2024 9:56	53602 DALM_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/2/2024 9:56	40502 CRES_T2	0	0	0	0	0	0	-0.6	-0.57	0	0	0	0	0	0
2/2/2024 9:57	40502 CRES_T2	0	0	0	0	0	0	-0.8	-0.76	0	0	0	0	0	0
2/2/2024 9:58	40501 CRES_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/2/2024 10:02	55001 NEWP_T1	0	1	1	0	0.1	0.1	0	0	0	0	0	0	0	0
2/2/2024 10:02	26402 INOR_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/2/2024 10:03	57304 MOAL_T2	0	0	0	0	0	0	-0.41	-0.33	0	0	0	0	0	0
2/2/2024 10:03	55001 NEWP_T1	0	1	1	0	0.1	0.1	0	0	0	0	0	0	0	0
2/2/2024 10:03	64101 REFR_T1	0	0	0	0	0	0	-0.07	-0.12	0	0	0	0	0	0
2/2/2024 10:04	40602 PIGR_T1	2	0	-2	0.35	0	-0.35	0	0	0	0	0	0	0	0
2/2/2024 10:04	48302 ORWI_T2	2	2	0	1.3	1.4	0.1	-0.53	-0.51	0	0	0	0	0	0
2/2/2024 10:04	55002 NEWP_T1	5	5	0	0.86	1.56	0.7	-0.22	-0.21	0	0	0	0	0	0
2/2/2024 10:04	64101 REFR_T1	0	0	0	0	0	0	-0.07	-0.12	0	0	0	0	0	0
2/2/2024 10:05	57302 MOAL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/2/2024 10:06	49803 UNIV_T1	0	0	0	0	0	0	-0.97	-0.91	0	0	0	0	0	0
2/2/2024 10:06	67502 WEWI_T2	0	1	1	0	0	0	0	0	0	0	0	0	0	0
2/2/2024 10:06	67203 TEHI_T1	1	3	2	0.2	0.1	-0.1	2.77	2.65	0	0	0	0	0	0
2/2/2024 10:06	67201 TEHI_T1	2	2	0	0.45	0	-0.45	0.74	0.92	0	0	0	0	0	0
2/2/2024 10:06	67002 STHI_T2	47	64	17	0.14	0.15	0.01	0.6	0.62	0	0	0	0	0	0
2/2/2024 10:06	17002 RIRO_T2	3	42	39	0.13	0.17	0.04	0.75	0.72	0	0	0	0	0	0
2/2/2024 10:07	67401 WAKE_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/2/2024 10:07	65901 SAKR_T2	1	1	0	8.4	8.7	0.3	-1.05	-1.24	0	0	0	0	0	0
2/2/2024 10:07	67002 STHI_T2	47	64	17	0.14	0.15	0.01	0.6	0.62	0	0	0	0	0	0
2/2/2024 10:07	64101 REFR_T1	0	0	0	0	0	0	-0.04	-0.06	0	0	0	0	0	0
2/2/2024 10:07	29401 BELT_T1	176	286	110	0.36	0.47	0.11	0	0	0	0	0	0	0	0
2/2/2024 10:07	46001 BERW_T1	1	0	-1	5.4	0	-5.4	2.07	2.04	0	0	0	0	0	0
2/2/2024 10:08	13904 SEID_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/2/2024 10:08	67502 WEWI_T2	0	1	1	0	0	0	0	0	0	0	0	0	0	0
2/2/2024 10:08	56802 BENV_T2	72	184	112	0.22	0.27	0.05	-1.37	-1.4	0	0	0	0	0	0
2/2/2024 10:08	43001 ALWD_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/2/2024 10:08	29401 BELT_T1	88	143	55	0.36	0.47	0.11	0	0	0	0	0	0	0	0
2/2/2024 10:09	56802 BENV_T2	72	184	112	0.22	0.27	0.05	-1.4	-1.4	0	0	0	0	0	0
2/2/2024 10:09	10801 CHNI_T1	0	0	0	0	0	0	-0.74	-0.76	0	0	0	0	0	0
2/2/2024 10:10	44301 BEAV_T2	0	0	0	0	0	0	0.67	0.66	0	0	0	0	0	0
2/2/2024 10:10	45502 DERR_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/2/2024 10:10	40502 CRES_T2	0	5	5	0	0.16	0.16	-0.19	-0.79	0	0	0	0	0	0
2/2/2024 10:11	17803 GILB_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/2/2024 10:11	45501 DERR_T2	1	1	0	0	0	0	0.43	0.48	0	0	0	0	0	0
2/2/2024 10:11	40501 CRES_T2	0	0

2/2/2024 10:25	15001 BLMO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
2/2/2024 10:26	15001 BLMO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
2/2/2024 10:26	56802 BENV_T2	134	164	30	0.29	0.26	-0.03	-1.4	-1.34	0	0	0	0	0
2/2/2024 10:27	45502 DERR_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
2/2/2024 10:27	54501 ENOL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
2/2/2024 10:27	56801 BENV_T1	25	21	-4	1.06	0.62	-0.44	-0.7	-0.69	0	0	0	0	0
2/2/2024 10:27	56802 BENV_T2	134	164	30	0.29	0.26	-0.03	-1.4	-1.34	0	0	0	0	0
2/2/2024 10:28	40101 HUNT_T2	25	19	-6	0.26	0.4	0.14	-0.59	-0.5	0	0	0	0	0
2/2/2024 10:28	67401 WAKE_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
2/2/2024 10:29	56802 BENV_T2	134	164	30	0.29	0.26	-0.03	-1.4	-1.34	0	0	0	0	0
2/2/2024 10:31	65001 NEFF_T2	0	1	1	0	0.1	0.1	-0.56	-0.56	0	0	0	0	0
2/2/2024 10:31	47802 MOCA_T2	0	0	0	0	0	0	-1.02	-1.04	0	0	0	0	0
2/2/2024 10:31	40101 HUNT_T2	16	39	23	0.32	0.31	-0.01	-0.3	-0.25	0	0	0	0	0
2/2/2024 10:32	16402 MOPO_T1	0	0	0	0	0	0	0.26	0.23	0	0	0	0	0
2/2/2024 10:33	40603 PIGR_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
2/2/2024 10:33	59302 MCAL_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
2/2/2024 10:34	16401 MOPO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
2/2/2024 10:34	40603 PIGR_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
2/2/2024 10:35	45402 WBLO_T2	0	0	0	0	0	0	-0.71	-0.66	0	0	0	0	0
2/2/2024 10:35	43302 WATS_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
2/2/2024 10:36	43301 WATS_T2	0	0	0	0	0	0	-1.39	-1.39	0	0	0	0	0
2/2/2024 10:36	43301 WATS_T2	0	0	0	0	0	0	-1.39	-1.39	0	0	0	0	0
2/2/2024 10:36	29402 BELT_T1	184	245	61	0.3	0.3	0	0	0	0	0	0	0	0
2/2/2024 10:36	40602 PIGR_T1	0	0	0	0	0	0	-0.52	-0.5	0	0	0	0	0
2/2/2024 10:36	58302 NOTT_T1	0	0	0	0	0	0	-0.59	-0.5	0	0	0	0	0
2/2/2024 10:37	67002 STHI_T2	51	94	43	0.15	0.16	0.01	0	0	0	0	0	0	0
2/2/2024 10:37	46002 BERW_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
2/2/2024 10:37	67502 WEWI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
2/2/2024 10:37	43302 WATS_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
2/2/2024 10:37	16302 ALPA_T2	0	0	0	0	0	0	-0.58	-0.63	0	0	0	0	0
2/2/2024 10:38	43301 WATS_T2	0	0	0	0	0	0	-0.7	-0.71	0	0	0	0	0
2/2/2024 10:38	67502 WEWI_T2	0	0	0	0	0	0	-2.21	-2.05	0	0	0	0	0
2/2/2024 10:38	10805 CHHI_T2	7	7	0	2.87	1.78	-1.09	-0.82	-0.83	0	0	0	0	0
2/2/2024 10:39	67204 TEHI_T2	0	0	0	0	0	0	-0.04	-0.02	0	0	0	0	0
2/2/2024 10:39	43304 WATS_T2	0	1	1	0	0	0	0	0	0	0	0	0	0
2/2/2024 10:39	67503 WEWI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
2/2/2024 10:39	67001 STHI_T2	376	503	127	0.16	0.19	0.03	0.12	0.11	0	0	0	0	0
2/2/2024 10:39	46004 BERW_T2	1	0	-1	0.1	0	-0.1	-0.69	-0.71	0	0	0	0	0
2/2/2024 10:39	54206 PENN_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
2/2/2024 10:39	29402 BELT_T1	184	245	61	0.3	0.3	0	0	0	0	0	0	0	0
2/2/2024 10:40	28604 BLYT_T2	0	0	0	0	0	0	-1.43	-1.42	0	0	0	0	0
2/2/2024 10:40	16302 ALPA_T2	0	0	0	0	0	0	-1.26	-0.94	0	0	0	0	0
2/2/2024 10:40	27101 GFLD_T2	0	0	0	0	0	0	0.38	0.33	0	0	0	0	0
2/2/2024 10:41	60801 BUCK_T1	0	0	0	0	0	0	-0.62	-0.58	0	0	0	0	0
2/2/2024 10:41	16302 ALPA_T2	0	0	0	0	0	0	-1.26	-0.94	0	0	0	0	0
2/2/2024 10:42	46004 BERW_T2	1	0	-1	0.1	0	-0.1	-0.69	-0.71	0	0	0	0	0
2/2/2024 10:42	56802 BENV_T2	158	82	-76	0.26	0.24	-0.02	-2.67	-2.61	0	0	0	0	0
2/2/2024 10:44	64702 LITI_T2	0	0	0	0	0	0	-0.69	-0.64	0	0	0	0	0
2/2/2024 10:46	40101 HUNT_T2	8	43	35	0.29	0.68	0.39	-0.25	-0.3	0	0	0	0	0
2/2/2024 10:46	64703 LITI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
2/2/2024 10:47	54202 PENN_T2	0	0	0	0	0	0	0.66	0.66	0	0	0	0	0
2/2/2024 10:47	46801 HEPB_T2	2	2	0	0.2	0.15	-0.05	0.64	0.65	0	0	0	0	0
2/2/2024 10:47	64801 MONE_T2	13	28	15	0.22	0.33	0.11	-0.28	-0.27	0	0	0	0	0
2/2/2024 10:48	12704 MACU_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
2/2/2024 10:48	66903 SHIL_T2	0	0	0	0	0	0	-0.99	-0.96	0	0	0	0	0
2/2/2024 10:49	66703 STRA_T1	0	0	0	0	0	0	-0.12	-0.15	0	0	0	0	0
2/2/2024 10:49	67001 STHI_T2	459	439	-20	0.19	0.17	-0.02	0.12	0.11	0	0	0	0	0
2/2/2024 10:49	64703 LITI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
2/2/2024 10:49	64101 REFR_T1	0	0	0	0	0	0	-0.05	-0.06	0	0	0	0	0
2/2/2024 10:49	12704 MACU_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
2/2/2024 10:49	14401 SSLA_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
2/2/2024 10:49	67001 STHI_T2	459	439	-20	0.19	0.17	-0.02	0.12	0.11	0	0	0	0	0
2/2/2024 10:50	66902 SHIL_T2	28	15	-13	0.11	0.11	0	0	0	0	0	0	0	0
2/2/2024 10:51	59102 WALK_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
2/2/2024 10:52	43001 ALWD_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
2/2/2024 10:53	67001 STHI_T2	459	439	-20	0.19	0.17	-0.02	0.24	0.22	0	0	0	0	0
2/2/2024 10:53	67002 STHI_T2	85	69	-16	0.16	0.15	-0.01	0.64	0.64	0	0	0	0	0
2/2/2024 10:54	24105 EHAZ_T1	4	4	0	5.78	5.78	0	-1.91	-1.91	0	0	0	0	0
2/2/2024 10:54	51103 CARL_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
2/2/2024 10:54	60201 ATGL_T2	0	0	0	0	0	0	0.3	0.25	0	0	0	0	0
2/2/2024 10:54	67002 STHI_T2	85	69	-16	0.16	0.15	-0.01	1.92	1.86	0	0	0	0	0
2/2/2024 10:54	27502 WEIS_T2	0	0	0	0	0	0	-0.29	-0.34	0	0	0	0	0
2/2/2024 10:54	67503 WEWI_T2	0	0	0	0	0	0	-0.03	-0.09	0	0	0	0	0
2/2/2024 10:55	46002 BERW_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
2/2/2024 10:57	65001 NEFF_T2	0	1	1	0	0.1	0.1	-0.48	-0.52	0	0	0	0	0
2/2/2024 10:57	43001 ALWD_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
2/2/2024 10:58	46206 DANV_T2	0	1	1	0	0	0	0	0	0	0	0	0	0
2/2/2024 10:59	26401 INOR_T1	0	0	0	0	0	0	0.93	0.91	0	0	0	0	0
2/2/2024 10:59	24101 EHAZ_T1	23	7	-16	0.32	0.4	0.08	0	0	0	0	0	0	0
2/2/2024 10:59	45703 LIND_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
2/2/2024 10:59	40101 HUNT_T2	8	43	35	0.29	0.68	0.39	-0.3	-0.4	0	0	0	0	0
2/2/2024 11:01	40101 HUNT_T2	38	39	1	0.57	0.49	-0.08	-0.3	-0.4	0	0	0	0	0
2/2/2024 11:02	64203 KINZ_T1	0	1	1	0	0	0	0.03	0.07	0	0	0	0	0
2/2/2024 11:02	55001 NEWP_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
2/2/2024 11:04	24104 EHAZ_T1	31	61	30	0.13	0.24	0.11	0	0	0	0	0	0	0
2/2/2024 11:05	64101 REFR_T1	0	0	0	0	0	0	-0.06	-0.08	0	0	0	0	0
2/2/2024 11:05	66701 STRA_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
2/2/2024 11:05	67401 WAKE_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
2/2/2024 11:05	67202 TEHI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
2/2/2024 11:06	29402 BELT_T1	79	199	120	0.17	0.34	0.17	0	0	0	0	0	0	0
2/2/2024 11:06	67202 TEHI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
2/2/2024 11:07	66504 SMAN_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
2/2/2024 11:07	67604 WARW_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
2/2/2024 11:07	52501 PROG_T1	0	0	0	0	0	0	0.07	0.12	0	0	0	0	0
2/2/2024 11:07	43001 ALWD_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
2/2/2024 11:09	24102 EHAZ_T1	6	9	3	0.63	0.57	-0.06	0	0	0	0	0	0	0
2/2/2024 11:09	49804 UNIV_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
2/2/2024 11:10	29401 BELT_T1	250	220	-30	0.42	0.36	-0.06	0	0	0	0	0	0	0
2/2/2024 11:10	67604 WARW_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
2/2/2024 11:10	67402 WAKE_T2	0	0	0	0	0	0	0.24	0.25	0	0	0	0	0
2/2/2024 11:11	45802 HEGI_T2	0	1	1	0	0	0	0.45	0.5	0	0	0	0	0
2/2/2024 11:11	17802 GILB_T1	0	0	0	0	0	0	0.27	0.21	0	0	0	0	0
2/2/2024 11:12	53901 HALI_T2	0	0	0	0	0	0	-1.63	-1.6	0	0	0	0	0
2/2/2024 11:12	46002 BERW_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
2/2/2024 11:12	43001 ALWD_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
2/2/2024 11:14	17802 GILB_T1	0	0	0	0	0	0	0.27	0.21	0	0	0	0	0
2/2/2024 11:15	17802 GILB_T1	0	0	0	0	0	0	0.27	0.21	0	0	0	0	0
2/2/2024 11:16	17803 GILB_T2	1	0	-1	0.1	0	-0.1	0	0	0	0	0	0	0
2/2/2024 11:16	41801 GOCI_T2	0	1	1	0	0.1	0.1	0	0	0	0	0	0	0
2/2/2024 11:17	58401 MORO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
2/2/2024 11:17	64902 MILL_T2	0	0	0	0	0	0	-0.73	-0.77	0	0	0	0	0
2/2/2024 11:17	45802 HEGI_T2	1	0	-1	0.1	0	-0.1	0.45	0.5	0	0	0	0	0
2/2/2024 11:18	55002 NEWP_T1	6	6	0	0.68	0.8	0.12	-0.19	-0.21	0	0	0	0	0
2/2/2024 11:19	58402 MORO_T1	0	0	0	0	0	0	-0.87	-0.93	0	0	0	0	0
2/2/2024 11:19	49803 UNIV_T1	0	0	0	0	0	0	-0.94	-0.96	0	0	0	0	0
2/2/2024 11:20	24103 EHAZ_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
2/2/2024 11:20	57403 SPAN_T1	0	0	0	0	0	0	0.07	0.12	0	0	0	0	0
2/2/2024 11:20	57401 SPAN_T1	0	1	1	0	0.1	0.1	-1.05	-1.09	0	0	0	0	0
2/2/2024 11:20	44401 SALE_T2	0	0	0	0	0	0	0.09	0.08	0	0	0	0	0
2/2/2024 11:21	57403 SPAN_T1	0	0	0	0	0	0	0.07	0.12	0	0	0	0	0
2/2/2024 11:21	67401 WAKE_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
2/2/2024 11:21	67204 TEHI_T2	0	0	0	0	0	0	0.02	-0.02	0	0	0	0	0
2/2/2024 11:21	57403 SPAN_T1	0	0	0	0	0	0	0.07	0.12	0	0	0	0	0
2/2/2024 11:22	63306 GREE_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
2/2/2024 11:22	57401 SPAN_T1	0	1	1	0	0.1	0.1	-1.05	-1.09	0	0	0	0	0
2/2/2024 11:22	55103 WERT_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
2/2/2024 11:22	43301 WATS_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
2/2/2024 11:23	43001 ALWD_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
2/2/2024 11:24	57401 SPAN_T1	0	1	1	0	0.1	0.1	-1.09	-1.01	0	0	0	0	0
2/2/2024 11:24	62102 ELAN_T1	0	0	0	0	0	0	0.62	0.73	0	0	0	0	0
2/2/2024 11:24	43301 WATS_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
2/2/2024 11:25	24101 EHAZ_T1	4	24	20	0.43	0.32	-0.11	0	0	0	0	0	0	0
2/2/2024 11:25	60101 COCA_T1	0	0	0	0	0	0	0.36	0.44	0	0	0	0	0
2/2/2024 11:25	62607 ENGL_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
2/2/2024 11:25	62102 ELAN_T1	0	0	0	0	0	0	0.62	0.73	0	0	0	0	0
2/2/2024 11:26	67401 WAKE_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
2/2/2024 11:26	10805 CHHI_T2	7	7	0	4.17	2.1	-2.07	-0.87	-0.8	0	0	0	0	0
2/2/2024 11:26	56802 BENV_T2	63	66	3	0.21	0.19	-0.02	-1.29	-1.31	0	0	0	0	0
2/2/2024 11:27	62607 ENGL_T1	0	0	0	0	0	0	-0.74	-1.08	0	0	0	0	0
2/2/2024 11:27	56802 BENV_T2	63	66	3	0.21	0.19	-0.02	-2.58	-2.62	0	0	0	0	0
2/2/2024 11:27	54506 ENOL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
2/2/2024 11:27	60102 COCA_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
2/2/2024 11:27	62601 ENGL_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
2/2/2024 11:28	62605 ENGL_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
2/2/2024 11:28	43001 ALWD_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
2/2/2024 11:29	42901 MIDD_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
2/2/2024 11:31	42902 MIDD_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
2/2/2024 11:31	65002 NEFF_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
2/2/2024 11:32	54701 NEBL_T1	5	5	0	0.32	0.26	-0.06	0	0	0	0	0	0	0
2/2/2024 11:32	42902 MIDD_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
2/2/2024 11:33	40603 PIGR_T1	0	0	0	0	0	0	0.34	0.33	0	0	0	0	0
2/2/2024 11:33	58402 MORO_T1	0	0	0	0	0	0	-0.93	-0.97	0	0	0	0	0
2/2/2024 11:33	64902 MILL_T2	0	0	0	0	0	0	-0.77	-0.73	0	0	0	0	0
2/2/2024 11:33	54202 PENN_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
2/2/2024 11:34	58401 MORO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
2/2/2024 11:34	42903 MIDD_T2	2	2	0	0.25	1.25	1	0	0	0	0	0	0	0
2/2/2024 11:35	59001 MIFF_T1	5	5	0	0.24	0.22	-0.02	0	0	0	0	0	0	0
2/2/2024 11:35	58401 MORO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
2/2/2024 11:35	54701 NEBL_T1	5	5	0	0.32	0.26	-0.06	0	0	0	0	0	0	0
2/2/2024 11:36	27502 WEIS_T2	0	0	0	0	0	0	-0.4	-0.38	0	0	0	0	0
2/2/2024 11:36	24101 EHAZ_T1	14	30	16	0.3	0.36	0.06	0	0	0	0	0	0	0
2/2/2024 11:36	57403 SPAN_T1	0	0	0	0	0	0	0.12	0.08	0	0	0	0	0
2/2/2024 11:36	67204 TEHI_T2	0	0	0	0	0	0	-0.01	-0.04	0	0	0	0	0
2/2/2024 11:36	67402 WAKE_T2	0	0	0	0	0	0	0.25	-0.38	0	0	0	0	0
2/2/2024 11:36	67201 TEHI_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
2/2/2024 11:37	67204 TEHI_T2	0	0	0	0	0	0	-0.01	-0.04	0	0	0	0	0
2/2/2024 11:37	64101 REFR_T1	0	0	0	0	0	0	-0.04	-0.04	0	0	0	0	0
2/2/2024 11:37	57403 SPAN_T1	0	0	0	0	0	0	0.12	0.08	0	0	0	0	0
2/2/2024 11:37	43001 ALWD_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
2/2/2024 11:37	57403 SPAN_T1	0	0	0	0	0	0	0.12	0.08	0	0	0	0	0
2/2/2024 11:37	54204 PENN_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
2/2/2024 11:38	57401 SPAN_T1	1	0	-1	0.1	0	-0.1	-2.19	-2.02	0	0	0	0	0
2/2/2024 11:38	40101 HUNT_T2	37	20	-17	0.41	0.4	-0.01	-0.34	-0.39	0	0	0	0	0
2/2/2024 11:39	27502 WEIS_T2	0	0	0	0	0	0	-0.38	-0.37	0	0	0	0	0
2/2/2024 11:39	60803 BUCK_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
2/2/2024 11:39	13904 SEID_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
2/2/2024 11:39	57403 SPAN_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
2/2/2024 11:39	43001 ALWD_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
2/2/2024 11:40	62101 ELAN_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
2/2/2024 11:40	67201 TEHI_T1	0	0	0	0	0	0	0.82	0.79	0	0	0	0	0
2/2/2024 11:41	67304 WYOM_T2	0	9	9	0	0.1	0.1	0	0	0	0	0	0	0
2/2/2024 11:41	24105 EHAZ_T1	4	4	0	5.88	5.58	-0.3	-1.9	-1.89	0	0	0	0	0
2/2/2024 11:41	62604 ENGL_T1	0	0	0	0	0	0	-1.18	-1.2	0	0	0	0	0
2/2/2024 11:41	67401 WAKE_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
2/2/2024 11:41	60101 COCA_T1	0	0	0	0	0	0	0.44	0.41	0	0	0	0	0
2/2/2024 11:41	62105 ELAN_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
2/2/2024 11:41	17801 GILB_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
2/2/2024 11:42	17803 GILB_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
2/2/2024 11:42	17803 GILB_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
2/2/2024 11:42	60101 COCA_T1	0	0	0	0	0	0	0.44	0.41	0	0	0	0	0
2/2/2024 11:42	67401 WAKE_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
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2/2/2024 11:55	51108 CARL_T1	1	1	0	0.2	0.2	0	0	0	0	0	0	0	0	0
2/2/2024 11:55	13903 SEID_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/2/2024 11:56	60102 COCA_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/2/2024 11:56	62101 ELAN_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/2/2024 11:56	17805 GILB_T2	0	0	0	0	0	0	0.05	0.07	0	0	0	0	0	0
2/2/2024 11:57	51108 CARL_T1	1	1	0	0.2	0.2	0	0	0	0	0	0	0	0	0
2/2/2024 11:57	48901 FOSP_T2	0	0	0	0	0	0	-0.14	-0.35	0	0	0	0	0	0
2/2/2024 11:57	24105 EHAZ_T1	4	4	0	5.58	5.53	-0.05	-1.89	-1.89	0	0	0	0	0	0
2/2/2024 11:57	67401 WAKE_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/2/2024 11:57	17801 GILB_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/2/2024 11:58	17805 GILB_T2	0	0	0	0	0	0	0.05	0.07	0	0	0	0	0	0
2/2/2024 11:58	60101 COCA_T1	0	1	1	0	0	0	0.41	0.35	0	0	0	0	0	0
2/2/2024 11:58	17803 GILB_T2	0	2	2	0	0.1	0.1	0	0	0	0	0	0	0	0
2/2/2024 11:59	17802 GILB_T1	0	0	0	0	0	0	0.25	0.24	0	0	0	0	0	0
2/2/2024 12:00	42903 MIDD_T2	2	2	0	1.25	1.75	0.5	0	0	0	0	0	0	0	0
2/2/2024 12:00	48902 FOSP_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/2/2024 12:00	43001 ALWD_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/2/2024 12:00	13503 MCMI_T2	0	0	0	0	0	0	0.09	0.05	0	0	0	0	0	0
2/2/2024 12:01	42903 MIDD_T2	2	2	0	1.25	1.75	0.5	0.01	0.02	0	0	0	0	0	0
2/2/2024 12:01	48902 FOSP_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/2/2024 12:02	59302 MCAL_T1	0	0	0	0	0	0	-0.12	-0.26	0	0	0	0	0	0
2/2/2024 12:02	59302 MCAL_T1	0	0	0	0	0	0	-0.12	-0.26	0	0	0	0	0	0
2/2/2024 12:03	42903 MIDD_T2	2	2	0	1.25	1.75	0.5	0.01	0.02	0	0	0	0	0	0
2/2/2024 12:03	66303 MCGO_T2	0	1	1	0	0.2	0.2	0	0	0	0	0	0	0	0
2/2/2024 12:03	13503 MCMI_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/2/2024 12:05	65003 NEFF_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/2/2024 12:05	40602 PIGR_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/2/2024 12:05	14404 SSLA_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/2/2024 12:06	13903 SEID_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/2/2024 12:07	24105 EHAZ_T1	4	4	0	5.63	5.53	-0.1	-1.89	-1.89	0	0	0	0	0	0
2/2/2024 12:08	42902 MIDD_T2	0	15	15	0	0.29	0.29	0	0	0	0	0	0	0	0
2/2/2024 12:08	14404 SSLA_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/2/2024 12:08	67401 WAKE_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/2/2024 12:09	63301 GREE_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/2/2024 12:11	54503 ENOL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/2/2024 12:11	67401 WAKE_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/2/2024 12:12	24104 EHAZ_T1	82	107	25	0.25	0.27	0.02	0	0	0	0	0	0	0	0
2/2/2024 12:12	17804 GILB_T2	0	1	1	0	0.2	0.2	0	0	0	0	0	0	0	0
2/2/2024 12:12	17801 GILB_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/2/2024 12:12	60101 COCA_T1	0	0	0	0	0	0	0.35	0.37	0	0	0	0	0	0
2/2/2024 12:13	54501 ENOL_T2	0	0	0	0	0	0	0.1	0.09	0	0	0	0	0	0
2/2/2024 12:13	17805 GILB_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/2/2024 12:13	67401 WAKE_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/2/2024 12:13	17801 GILB_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/2/2024 12:14	17802 GILB_T1	0	0	0	0	0	0	0.24	0.24	0	0	0	0	0	0
2/2/2024 12:14	17803 GILB_T2	0	2	2	0	0.1	0.1	0	0	0	0	0	0	0	0
2/2/2024 12:14	50202 HARR_T3	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/2/2024 12:14	54503 ENOL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/2/2024 12:14	60102 COCA_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/2/2024 12:14	13501 MCMI_T1	0	0	0	0	0	0	-0.07	-0.08	0	0	0	0	0	0
2/2/2024 12:15	50106 HARR_T3	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/2/2024 12:15	54502 ENOL_T2	0	1	1	0	0.2	0.2	0	0	0	0	0	0	0	0
2/2/2024 12:16	46801 HEPB_T2	3	0	-3	0.33	0	-0.33	0.64	0.62	0	0	0	0	0	0
2/2/2024 12:19	63303 GREE_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/2/2024 12:23	24101 EHAZ_T1	20	13	-7	0.5	1.15	0.65	0	0	0	0	0	0	0	0
2/2/2024 12:24	67401 WAKE_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/2/2024 12:28	24103 EHAZ_T1	0	3	3	0	0.3	0.3	0	0	0	0	0	0	0	0
2/2/2024 12:28	57403 SPAN_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/2/2024 12:29	67401 WAKE_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/2/2024 12:31	50501 MECH_T1	4	4	0	0.83	0.78	-0.05	0	0	0	0	0	0	0	0
2/2/2024 12:32	59003 MIFF_T1	1	1	0	0.4	0.2	-0.2	-0.45	-0.15	0	0	0	0	0	0
2/2/2024 12:34	59302 MCAL_T1	0	0	0	0	0	0	-0.28	-0.13	0	0	0	0	0	0
2/2/2024 12:34	59301 MCAL_T1	3	3	0	0.83	0.67	-0.16	-1.85	-1.89	0	0	0	0	0	0
2/2/2024 12:35	63305 GREE_T1	0	0	0	0	0	0	-1.11	-1.09	0	0	0	0	0	0
2/2/2024 12:37	27502 WEIS_T2	0	0	0	0	0	0	-0.4	-0.36	0	0	0	0	0	0
2/2/2024 12:39	27502 WEIS_T2	0	0	0	0	0	0	-0.36	-0.37	0	0	0	0	0	0
2/2/2024 12:40	43001 ALWD_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/2/2024 12:41	62604 ENGL_T1	0	0	0	0	0	0	-0.83	-0.85	0	0	0	0	0	0
2/2/2024 12:42	54505 ENOL_T2	1	1	0	0.8	0.6	-0.2	0	0	0	0	0	0	0	0
2/2/2024 12:42	65004 NEFF_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/2/2024 12:42	46801 HEPB_T2	0	0	0	0	0	0	0.65	0.61	0	0	0	0	0	0
2/2/2024 12:44	62601 ENGL_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/2/2024 12:50	49803 UNIV_T1	1	0	-1	0.1	0	-0.1	-1.06	-0.93	0	0	0	0	0	0
2/2/2024 12:52	65004 NEFF_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/2/2024 12:54	49803 UNIV_T1	1	0	-1	0.1	0	-0.1	-0.93	-0.89	0	0	0	0	0	0
2/2/2024 12:56	17802 GILB_T1	0	0	0	0	0	0	0.23	0.24	0	0	0	0	0	0
2/2/2024 12:59	17803 GILB_T2	1	0	-1	0.1	0	-0.1	0	0	0	0	0	0	0	0
2/2/2024 13:00	17801 GILB_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/2/2024 13:01	17804 GILB_T2	0	0	0	0	0	0	-0.57	-0.56	0	0	0	0	0	0
2/2/2024 13:01	50505 MECH_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/2/2024 13:01	17803 GILB_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/2/2024 13:03	50505 MECH_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/2/2024 13:06	14401 SSLA_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/2/2024 13:08	14403 SSLA_T1	0	0	0	0	0	0	0.85	0.83	0	0	0	0	0	0
2/2/2024 13:08	60801 BUCK_T1	0	0	0	0	0	0	-0.81	-0.78	0	0	0	0	0	0
2/2/2024 13:09	10706 CATA_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/2/2024 13:09	51107 CARL_T1	0	0	0	0	0	0	-0.16	-0.17	0	0	0	0	0	0
2/2/2024 13:11	54502 ENOL_T2	0	1	1	0	0.2	0.2	0	0	0	0	0	0	0	0
2/2/2024 13:13	54505 ENOL_T2	1	1	0	0.6	1	0.4	0	0	0	0	0	0	0	0
2/2/2024 13:14	54503 ENOL_T2	0	0	0	0	0	0	-1.27	-1.25	0	0	0	0	0	0
2/2/2024 13:15	54503 ENOL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/2/2024 13:18	43201 MVIL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/2/2024 13:21	43201 MVIL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/2/2024 13:26	54502 ENOL_T2	1	1	0	0.1	0.2	0.1	-1.1	-1.15	0	0	0	0	0	0
2/2/2024 13:26	54503 ENOL_T2	0	0	0	0	0	0	-1.25	-1.2	0	0	0	0	0	0
2/2/2024 13:27	54502 ENOL_T2	1	1	0	0.1	0.2	0.1	-1.1	-1.15	0	0	0	0	0	0
2/2/2024 13:28	63305 GREE_T1	0	0	0	0	0	0	-1.02	-1.14	0	0	0	0	0	0
2/2/2024 13:29	54503 ENOL_T2	0	0	0	0	0	0	-2.5	-2.41	0	0	0	0	0	0
2/2/2024 13:29	54503 ENOL_T2	0	0	0	0	0	0	-2.5	-2.41	0	0	0	0	0	0
2/2/2024 13:34	53802 MBRG_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/2/2024 13:34	42001 MNVL_T2	1	0	-1	0.3	0	-0.3	0.05	0.05	0	0	0	0	0	0
2/2/2024 13:37	24101 EHAZ_T1	39	29	-10	1.45	0.59	-0.86	0	0	0	0	0	0	0	0
2/2/2024 13:37	67402 WAKE_T2	0	0	0	0	0	0	-0.35	-0.39	0	0	0	0	0	0
2/2/2024 13:38	57102 SPHI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/2/2024 13:42	24103 EHAZ_T1	3	4	1	0.6	0.25	-0.35	0	0	0	0	0	0	0	0
2/2/2024 13:42	54504 ENOL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/2/2024 13:42	54503 ENOL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/2/2024 13:42	67402 WAKE_T2	0	0	0	0	0	0	-0.39	-0.39	0	0	0	0	0	0
2/2/2024 13:43	54505 ENOL_T2	1	1	0	1	1	0	-1.28	-1.28	0	0	0	0	0	0
2/2/2024 13:43	54504 ENOL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/2/2024 13:44	54501 ENOL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/2/2024 13:44	63801 HEMP_T1	0	1	1	0	0.1	0.1	0	0	0	0	0	0	0	0
2/2/2024 13:45	54504 ENOL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/2/2024 13:46	54504 ENOL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/2/2024 13:47	43202 MVIL_T2	98	133	35	0.81	0.7	-0.11	-0.63	-0.61	0	0	0	0	0	0
2/2/2024 13:47	43202 MVIL_T2	98	133	35	0.81	0.7	-0.11	-0.63	-0.61	0	0	0	0	0	0
2/2/2024 13:49	43202 MVIL_T2	98	133	35	0.81	0.7	-0.11	-0.63	-0.61	0	0	0	0	0	0
2/2/2024 13:51	49804 UNIV_T1	1	0	-1	0.1	0	-0.1	0	0	0	0	0	0	0	0
2/2/2024 13:52	24101 EHAZ_T1	21	40	19	0.59	0.77	0.18	0	0	0	0	0	0	0	0
2/2/2024 13:53	67401 WAKE_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/2/2024 13:55	67402 WAKE_T2	0	0	0	0	0	0	-0.39	-0.41	0	0	0	0	0	0
2/2/2024 13:57	24104 EHAZ_T1	69	55	-14	0.24	0.22	-0.02	0	0	0	0	0	0	0	0
2/2/2024 13:58	67402 WAKE_T2	0	0	0	0	0	0	-0.39	-0.41	0	0	0	0	0	0
2/2/2024 13:58	40101 HUNT_T2	1	7	6	0.2	0.15	-0.05	-0.65	-0.79	0	0	0	0	0	0
2/2/2024 14:01	40101 HUNT_T2	2	42	40	0.3	0.16	-0.14	-0.65	-0.79	0	0	0	0	0	0
2/2/2024 14:01	65003 NEFF_T2	0	3	3	0	0.13	0.13	0	0	0	0	0	0	0	0
2/2/2024 14:06	67402 WAKE_T2	0	0	0	0	0	0	-0.39	-0.41	0	0	0	0	0	0
2/2/2024 14:07	40101 HUNT_T2	1	21	20	0.3	0.16	-0.14	-0.33	-0.4	0	0	0	0	0	0
2/2/2024 14:08	24104 EHAZ_T1	48	90	42	0.21	0.3	0.09	0	0	0	0	0	0	0	0
2/2/2024 14:08	14403 SSLA_T1	0	0	0	0	0	0	0.89	0.83	0	0	0	0	0	0
2/2/2024 14:08	60201 ATGL_T2	0	0	0	0	0	0	0	0.05	0	0	0	0	0	0
2/2/2024 14:09	44301 BEAV_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/2/2024 14:09	67401 WAKE_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/2/2024 14:10	15001 BLMO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/2/2024 14:11	44302 BEAV_T2	0	14	14	0	0.18	0.18	0	0	0	0	0	0	0	0
2/2/2024 14:11	15001 BLMO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/2/2024 14:11	60803 BUCK_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/2/2024 14:12	63301 GREE_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/2/2024 14:12	15001 BLMO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/2/2024 14:12	54505 ENOL_T2	1	2	1	0.8	0.5	-0.3	0	0	0	0	0	0	0	0
2/2/2024 14:13	24104 EHAZ_T1	48	90	42	0.21	0.3	0.09	0	0	0	0	0	0	0	0
2/2/2024 14:14	13501 MCMI_T1	0	0	0	0	0	0	-0.14	-0.08	0	0	0	0	0	0
2/2/2024 14:14	67401 WAKE_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/2/2024 14:14	40101 HUNT_T2	1	21	20	0.3	0.16	-0.14	-0.4	-0.28	0	0	0	0	0	0
2/2/2024 14:16	43202 MVIL_T2	127	123	-4	0.59	0.67	0.08	-1.22	-1.28	0	0	0	0	0	0
2/2/2024 14:16	40101 HUNT_T2	7	25	18	0.23	0.43	0.2	-0.4	-0.28	0	0	0	0	0	0
2/2/2024 14:17	42901 MIDD_T2	4	6	2	0.18	0.12	-0.06	0	0	0	0	0	0	0	0
2/2/2024 14:18	43202 MVIL_T2	127	123	-4	0.59	0.67	0.08	-0.61	-0.64	0	0	0	0	0	0
2/2/2024 14:19	46301 ROHR_T1	188	212	24	0.37	0.38	0.01	0	0	0	0	0	0	0	0
2/2/2024 14:19	59301 MCAL_T1	2	2	0	0.95	0.9	-0.05	0	0	0	0	0	0	0	0
2/2/2024 14:19	67001 STHI_T2	833	798	-35	0.3	0.32	0.02	0.08	0.09	0	0	0	0	0	0
2/2/2024 14:19	43202 MVIL_T2	127	123	-4	0.59	0.67	0.08	0	0	0	0	0	0	0	0
2/2/2024 14:19	57401 SPAN_T1	0	0	0	0	0	0	-1.04	-0.99	0	0	0	0	0	0
2/2/2024 14:20	67001 STHI_T2	833	798	-35	0.3	0.32	0.02	0	0	0	0	0	0	0	0
2/2/2024 14:20	57403 SPAN_T1	0	0	0	0	0	0	0.08	0.14	0	0	0	0	0	0
2/2/2024 14:20	65005 NEFF_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/2/2024 14:20	52502 PROG_T2	0	0	0	0	0	0	-0.68	-0.65	0	0	0	0	0	0
2/2/2024 14:21	40602 PIGR_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/2/2024 14:21	57403 SPAN_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/2/2024 14:21	67002 STHI_T2	440	384	-56	0.22	0.23	0.01	0.61	0.6	0	0	0	0	0	0
2/2/2024 14:21	67502 WEWI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/2/2024 14:21	43001 ALWD_T1	0	1	1	0	0.3	0.3	0	0	0	0	0	0	0	0
2/2/2024 14:22	29402 BELT_T1	1	1	0	9.2	9.3	0.1	0	0	0	0	0	0	0	0
2/2/2024 14:22	14401 SSLA_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/2/2024 14:22	57401 SPAN_T1	0	0	0	0	0	0	-1.04	-0.99	0	0	0	0	0	0
2/2/2024 14:22	27503 WEIS_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/2/2024 14:22	67503 WEWI_T2	0	0	0	0	0	0	-0.06	-0.02	0	0	0	0	0	0
2/2/2024 14:22	67502 WEWI_T2	0	0	0	0	0	0	-1.36	-1.25	0	0	0	0	0	0
2/2/2024 14:22	67402 WAKE_T2	0	0	0	0	0	0	-0.41	-0.4	0	0	0	0	0	0
2/2/2024 14:22	46302 ROHR_T1	14	12	-2	0.76	0.87	0.11	0.22	0.19	0	0	0	0	0	0
2/2/2024 14:23	44302 BEAV_T2	0	26	26	0	0.16	0.16	0	0	0	0	0	0	0	0
2/2/2024 14:23	67002 STHI_T2	440	384	-56	0.22	0.23	0.01	0.61	0.6	0	0	0	0	0	0
2/2/2024 14:23	29402 BELT_T1	2	2	0	9.2	9.3	0.1	0	0	0	0	0	0	0	0
2/2/2024 14:23	46001 BERW_T1	0	0	0	0	0	0	1.05	0.96	0	0	0	0	0	0
2/2/2024 14:23	67502 WEWI_T2	0	0	0	0	0	0	-2.72	-2.49	0	0	0	0	0	0
2/2/2024 14:23	15001 BLMO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/2/2024 14:23	57401 SPAN_T1	0	0	0	0	0	0	-1.04	-0.99	0	0	0	0	0	0
2/2/2024 14:23	67502 WEWI_T2	0	0	0	0	0	0	-2.72	-2.49	0	0	0	0	0	0
2/2/2024 14:23	67001 STHI_T2	833	798	-35	0.3	0.32	0.02	0.08	0.09	0	0	0	0	0	0
2/2/2024 14:24	67001 STHI_T2	833	798	-35	0.3	0.32	0.02	0.09	0.11	0	0	0	0	0	0
2/2/2024 14:24	65005 NEFF_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/2/2024 14:24	27503 WEIS_T2	0	0	0	0	0	0	0	0	0	0	0

2/2/2024 14:30	13501 MCMI_T1	0	0	0	0	0	0	-0.08	-0.12	0	0	0	0	0	0
2/2/2024 14:30	67402 WAKE_T2	0	0	0	0	0	0	-0.4	-0.4	0	0	0	0	0	0
2/2/2024 14:31	43202 MVIL_T2	99	127	28	0.73	0.88	0.15	-0.64	-0.61	0	0	0	0	0	0
2/2/2024 14:31	45802 HEGI_T2	0	8	8	0	1.1	1.1	0.41	1	0	0	0	0	0	0
2/2/2024 14:32	42903 MIDD_T2	2	2	0	1.75	1.8	0.05	0	0	0	0	0	0	0	0
2/2/2024 14:32	40601 PIGR_T1	65	20	-45	0.18	0.12	-0.06	0	0	0	0	0	0	0	0
2/2/2024 14:32	65002 NEFF_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/2/2024 14:32	52002 LING_T2	0	1	1	0	0.1	0.1	0	0	0	0	0	0	0	0
2/2/2024 14:32	43201 MVIL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/2/2024 14:33	47403 PENS_T1	1	0	-1	2.2	0	-2.2	0	0	0	0	0	0	0	0
2/2/2024 14:34	24105 EHAZ_T1	4	11	7	5.28	5.33	0.05	-1.91	-1.85	0	0	0	0	0	0
2/2/2024 14:34	44902 SCOT_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/2/2024 14:34	46301 ROHR_T1	187	231	44	0.4	0.38	-0.02	0	0	0	0	0	0	0	0
2/2/2024 14:34	57401 SPAN_T1	0	0	0	0	0	0	-0.99	-0.75	0	0	0	0	0	0
2/2/2024 14:34	43201 MVIL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/2/2024 14:34	67001 STHI_T2	788	626	-162	0.32	0.28	-0.04	0	0	0	0	0	0	0	0
2/2/2024 14:35	43201 MVIL_T2	0	0	0	0	0	0	-0.37	-0.36	0	0	0	0	0	0
2/2/2024 14:35	14404 SSLA_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/2/2024 14:35	57401 SPAN_T1	0	0	0	0	0	0	-1.98	-1.5	0	0	0	0	0	0
2/2/2024 14:35	65003 NEFF_T2	3	4	1	0.13	0.2	0.07	0	0	0	0	0	0	0	0
2/2/2024 14:35	67401 WAKE_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/2/2024 14:35	67002 STHI_T2	378	252	-126	0.23	0.19	-0.04	1.2	1.2	0	0	0	0	0	0
2/2/2024 14:35	41801 GOCI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/2/2024 14:35	57403 SPAN_T1	0	0	0	0	0	0	0.14	0.07	0	0	0	0	0	0
2/2/2024 14:35	44902 SCOT_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/2/2024 14:35	46301 ROHR_T1	187	231	44	0.4	0.38	-0.02	0.5	0.54	0	0	0	0	0	0
2/2/2024 14:36	67001 STHI_T2	788	626	-162	0.32	0.28	-0.04	0	0	0	0	0	0	0	0
2/2/2024 14:36	57401 SPAN_T1	0	0	0	0	0	0	-0.99	-0.75	0	0	0	0	0	0
2/2/2024 14:36	46701 RENO_T1	89	87	-2	0.29	0.32	0.03	0	0	0	0	0	0	0	0
2/2/2024 14:36	47401 PENS_T1	0	0	0	0	0	0	1.56	1.61	0	0	0	0	0	0
2/2/2024 14:36	67402 WAKE_T2	0	0	0	0	0	0	-0.4	-0.4	0	0	0	0	0	0
2/2/2024 14:36	67605 WARW_T1	4	4	0	0.25	0.23	-0.02	-0.88	-0.87	0	0	0	0	0	0
2/2/2024 14:37	46302 ROHR_T1	8	63	55	1.19	0.27	-0.92	0.19	0.21	0	0	0	0	0	0
2/2/2024 14:37	46002 BERW_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/2/2024 14:37	44301 BEAV_T2	0	1	1	0	0.1	0.1	-0.71	-0.34	0	0	0	0	0	0
2/2/2024 14:37	14401 SSLA_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/2/2024 14:37	29402 BELT_T1	1	5	4	9	2	-7	0	0	0	0	0	0	0	0
2/2/2024 14:37	43001 ALWD_T1	1	0	-1	0.3	0	-0.3	0	0	0	0	0	0	0	0
2/2/2024 14:38	57401 SPAN_T1	0	0	0	0	0	0	-1.98	-1.5	0	0	0	0	0	0
2/2/2024 14:38	67502 WEWI_T2	0	0	0	0	0	0	-3.74	-4.01	0	0	0	0	0	0
2/2/2024 14:38	15001 BLMO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/2/2024 14:38	29401 BELT_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/2/2024 14:38	51109 CARL_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/2/2024 14:38	67502 WEWI_T2	0	0	0	0	0	0	-3.74	-4.01	0	0	0	0	0	0
2/2/2024 14:38	60701 BREC_T1	0	0	0	0	0	0	-0.03	-0.53	0	0	0	0	0	0
2/2/2024 14:39	46005 BERW_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/2/2024 14:39	67503 WEWI_T2	0	0	0	0	0	0	-0.21	-0.04	0	0	0	0	0	0
2/2/2024 14:39	57403 SPAN_T1	0	0	0	0	0	0	0.07	0.11	0	0	0	0	0	0
2/2/2024 14:39	24101 EHAZ_T1	26	37	11	1.29	1.19	-0.1	0	0	0	0	0	0	0	0
2/2/2024 14:39	49803 UNIV_T1	0	0	0	0	0	0	-1.01	-0.98	0	0	0	0	0	0
2/2/2024 14:39	45501 DERR_T2	1	1	0	0	0	0	0.04	0.13	0	0	0	0	0	0
2/2/2024 14:40	60201 ATGL_T2	0	0	0	0	0	0	-0.17	-0.11	0	0	0	0	0	0
2/2/2024 14:40	46001 BERW_T1	0	0	0	0	0	0	0.96	0.98	0	0	0	0	0	0
2/2/2024 14:40	67401 WAKE_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/2/2024 14:40	67502 WEWI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/2/2024 14:40	67002 STHI_T2	378	252	-126	0.23	0.19	-0.04	0.6	0.61	0	0	0	0	0	0
2/2/2024 14:40	60102 COCA_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/2/2024 14:40	60701 BREC_T1	0	0	0	0	0	0	-1.07	0.07	0	0	0	0	0	0
2/2/2024 14:41	17804 GILB_T2	0	0	0	0	0	0	-0.55	-0.54	0	0	0	0	0	0
2/2/2024 14:41	43001 ALWD_T1	1	0	-1	0.3	0	-0.3	0	0	0	0	0	0	0	0
2/2/2024 14:41	15001 BLMO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/2/2024 14:41	67502 WEWI_T2	0	0	0	0	0	0	-1.34	-1.33	0	0	0	0	0	0
2/2/2024 14:41	67503 WEWI_T2	0	0	0	0	0	0	-0.41	-0.08	0	0	0	0	0	0
2/2/2024 14:41	17801 GILB_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/2/2024 14:41	46002 BERW_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/2/2024 14:41	60701 BREC_T1	0	0	0	0	0	0	-0.53	0.04	0	0	0	0	0	0
2/2/2024 14:42	51108 CARL_T1	1	1	0	0.4	0.4	0	0	0	0	0	0	0	0	0
2/2/2024 14:42	60801 BUCK_T1	0	0	0	0	0	0	-0.74	-0.71	0	0	0	0	0	0
2/2/2024 14:42	45502 DERR_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/2/2024 14:42	43001 ALWD_T1	1	0	-1	0.3	0	-0.3	0	0	0	0	0	0	0	0
2/2/2024 14:42	15001 BLMO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/2/2024 14:42	60102 COCA_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/2/2024 14:43	60701 BREC_T1	0	0	0	0	0	0	-0.53	0.04	0	0	0	0	0	0
2/2/2024 14:44	54503 ENOL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/2/2024 14:44	17804 GILB_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/2/2024 14:45	24105 EHAZ_T1	11	4	-7	2.42	5.18	2.76	-1.85	-1.92	0	0	0	0	0	0
2/2/2024 14:45	17801 GILB_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/2/2024 14:45	28801 LAKE_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/2/2024 14:45	40101 HUNT_T2	20	7	-13	0.38	0.5	0.12	-0.29	-0.36	0	0	0	0	0	0
2/2/2024 14:46	17803 GILB_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/2/2024 14:47	28805 LAKE_T1	0	0	0	0	0	0	-0.22	-0.23	0	0	0	0	0	0
2/2/2024 14:47	43201 MVIL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/2/2024 14:47	40602 PIGR_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/2/2024 14:48	65004 NEFF_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/2/2024 14:48	42903 MIDD_T2	2	2	0	1.8	1.7	-0.1	0	0	0	0	0	0	0	0
2/2/2024 14:48	43201 MVIL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/2/2024 14:48	64101 REFR_T1	0	0	0	0	0	0	-0.07	-0.06	0	0	0	0	0	0
2/2/2024 14:50	24102 EHAZ_T1	2	0	-2	0.3	0	-0.3	0	0	0	0	0	0	0	0
2/2/2024 14:50	50202 HARR_T3	0	0	0	0	0	0	-0.3	-0.3	0	0	0	0	0	0
2/2/2024 14:50	43202 MVIL_T2	123	113	-10	0.65	0.96	0.31	-0.61	-0.63	0	0	0	0	0	0
2/2/2024 14:50	64101 REFR_T1	0	0	0	0	0	0	-0.07	-0.06	0	0	0	0	0	0
2/2/2024 14:50	43202 MVIL_T2	123	113	-10	0.65	0.96	0.31	-0.61	-0.63	0	0	0	0	0	0
2/2/2024 14:51	65002 NEFF_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/2/2024 14:51	64101 REFR_T1	0	0	0	0	0	0	-0.07	-0.06	0	0	0	0	0	0
2/2/2024 14:51	54503 ENOL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/2/2024 14:51	67401 WAKE_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/2/2024 14:51	67503 WEWI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/2/2024 14:51	42701 AUGU_T1	1	2	1	1.2	0.65	-0.55	0	0	0	0	0	0	0	0
2/2/2024 14:52	67503 WEWI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/2/2024 14:52	46301 ROHR_T1	178	241	63	0.34	0.39	0.05	0	0	0	0	0	0	0	0
2/2/2024 14:53	43001 ALWD_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/2/2024 14:54	60201 ATGL_T2	0	0	0	0	0	0	-0.05	0.03	0	0	0	0	0	0
2/2/2024 14:54	44301 BEAV_T2	1	1	0	0.1	0.1	0	-0.74	-0.72	0	0	0	0	0	0
2/2/2024 14:55	42701 AUGU_T1	1	2	1	1.2	0.65	-0.55	0	0	0	0	0	0	0	0
2/2/2024 14:56	54505 ENOL_T2	2	1	-1	0.85	1.1	0.25	0	0	0	0	0	0	0	0
2/2/2024 14:56	67402 WAKE_T2	0	0	0	0	0	0	-0.4	-0.41	0	0	0	0	0	0
2/2/2024 14:56	67503 WEWI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/2/2024 14:56	41801 GOCI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/2/2024 14:57	54503 ENOL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/2/2024 14:57	40902 JESH_T1	0	1	1	0	0.1	0.1	-0.8	-0.67	0	0	0	0	0	0
2/2/2024 14:58	43001 ALWD_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/2/2024 14:58	41801 GOCI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/2/2024 14:59	46801 HEPB_T2	0	0	0	0	0	0	0.6	0.63	0	0	0	0	0	0
2/2/2024 15:00	17801 GILB_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/2/2024 15:00	24102 EHAZ_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/2/2024 15:00	50202 HARR_T3	0	0	0	0	0	0	-0.3	-0.32	0	0	0	0	0	0
2/2/2024 15:00	54502 ENOL_T2	1	1	0	0.3	0.3	0	0	0	0	0	0	0	0	0
2/2/2024 15:01	13502 MCMI_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/2/2024 15:03	55001 NEWP_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/2/2024 15:03	44902 SCOT_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/2/2024 15:04	55001 NEWP_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/2/2024 15:06	67401 WAKE_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/2/2024 15:06	24102 EHAZ_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/2/2024 15:06	55002 NEWP_T1	6	6	0	1.08	1.07	-0.01	-0.23	-0.22	0	0	0	0	0	0
2/2/2024 15:09	65004 NEFF_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/2/2024 15:09	55103 WERT_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/2/2024 15:09	43001 ALWD_T1	0	16	16	0	0.17	0.17	0	0	0	0	0	0	0	0
2/2/2024 15:09	13503 MCMI_T2	0	0	0	0	0	0.04	0.1	0	0	0	0	0	0	0
2/2/2024 15:10	54503 ENOL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/2/2024 15:11	54502 ENOL_T2	1	1	0	0.3	0.3	0	0	0	0	0	0	0	0	0
2/2/2024 15:11	46004 BERW_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/2/2024 15:11	67401 WAKE_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/2/2024 15:12	45802 HEGI_T2	8	7	-1	0.53	0.4	-0.13	1	1.04	0	0	0	0	0	0
2/2/2024 15:12	54503 ENOL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/2/2024 15:12	54503 ENOL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/2/2024 15:12	46003 BERW_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/2/2024 15:13	54502 ENOL_T2	1	1	0	0.3	0.3	0	0	0	0	0	0	0	0	0
2/2/2024 15:13	45802 HEGI_T2	8	7	-1	0.53	0.4	-0.13	1	1.04	0	0	0	0	0	0
2/2/2024 15:14	43001 ALWD_T1	0	16	16	0	0.17	0.17	0	0	0	0	0	0	0	0
2/2/2024 15:14	54502 ENOL_T2	1	1	0	0.3	0.3	0	0	0	0	0	0	0	0	0
2/2/2024 15:14	54502 ENOL_T2	1	1	0	0.3	0.3	0	0	0	0	0	0	0	0	0
2/2/2024 15:15	54504 ENOL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/2/2024 15:16	24105 EHAZ_T1	4	4	0	5.18	5.15	-0.03	-1.94	-1.94	0	0	0	0	0	0
2/2/2024 15:18	42001 MNVL_T2	0	0	0	0	0	0	0.03	0.06	0	0	0	0	0	0
2/2/2024 15:19	40101 HUNT_T2	2	6	4	0.65	0.35	-0.3	-0.55	-0.6	0	0	0	0	0	0
2/2/2024 15:19	55002 NEWP_T1	6	6	0	0.98	1.03	0.05	-0.22	-0.23	0	0	0	0	0	0
2/2/2024 15:20	43105 SMIL_T2	2	13	11	0.15	0.17	0.02	0	0	0	0	0	0	0	0
2/2/2024 15:21	24104 EHAZ_T1	76	145	69	0.33	0.3	-0.03	0	0	0	0	0	0	0	0
2/2/2024 15:22	27502 WEIS_T2	0	0	0	0	0	0	-0.46	-0.44	0	0	0	0	0	0
2/2/2024 15:23	63305 GREE_T1	0	0	0	0	0	0	-1.19	-1.16	0	0	0	0	0	0
2/2/2024 15:23	43105 SMIL_T2	2	13	11	0.15	0.17	0.02	0	0	0	0	0	0	0	0
2/2/2024 15:24	15001 BLMO_T1	1	1	0	0.2	0.2	0	0	0	0	0	0	0	0	0
2/2/2024 15:25	61301 EARL_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/2/2024 15:25	43001 ALWD_T1	0	17	17	0	0.17	0.17	0	0	0	0	0	0	0	0
2/2/2024 15:25	27503 WEIS_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/2/2024 15:25	15001 BLMO_T1	1	1	0	0.2	0.2	0	0	0	0	0	0	0	0	0
2/2/2024 15:26	54506 ENOL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/2/2024 15:26	15001 BLMO_T1	1	1	0	0.2	0.2	0	0	0	0	0	0	0	0	0
2/2/2024 15:26	29401 BELT_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/2/2024 15:27	54506 ENOL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/2/2024 15:27	54506 ENOL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/2/2024 15:27	65002 NEFF_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/2/2024 15:28	54502 ENOL_T2	1	1	0	0.3	0.2	-0.1	-1.16	-1.15	0	0	0	0	0	0
2/2/2024 15:28	54501 ENOL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/2/2024 15:29	61302 EARL_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/2/2024 15:29	40903 JESH_T1	0	28	28	0	0.13	0.13	0	0	0	0	0	0	0	0
2/2/2024 15:30	54505 ENOL_T2	1	1	0	1.2	1	-0.2	-1.34	-1.32	0	0	0	0	0	0
2/2/2024 15:30	54504 ENOL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/2/2024 15:30	43001 ALWD_T1	16	12	-4	0.17	0.16	-0.01	0	0	0	0	0	0	0	0
2/2/2024 15:31	61303 EARL_T1	0	0	0	0	0	0	0.3	0.28	0	0	0	0	0	0
2/2/2024 15:32	24104 EHAZ_T1	145	0	-145	0.3	0	-0.3	0	0	0	0	0	0	0	0
2/2/2024 15:34	63306 GREE_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/2/2024 15:36	67203 TEHI_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/2/2024 15:37	24103 EHAZ_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/2/2024 15:37	14404 SSLA_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/2/2024 15:37	15001 BLMO_T1	1	0	-1	0.2	0	-0.2	0	0	0	0	0	0	0	0
2/2/2024 15:38	43102 SMIL_T2	7	7	0	0.8	0.74	-0.06	0	0	0	0	0	0	0	0
2/2/2024 15:39	63305 GREE_T1	0	0	0	0	0	-1.16	-1.2	0	0	0	0	0	0	0
2/2/2024 15:44	56802 BENV_T2	44	51	7	0.18	0.19	0.01	-1.3	-1.25	0	0	0	0	0	0
2/2/2024 15:44	53903 HALI_T2	2	2	0	1.5	1.35	-0.15	0	0	0	0	0	0	0	0
2/2/2024 15:45	53903 HALI_T2	2	2	0	1.2	1.35	0.15	0	0	0	0	0	0	0	0
2/2/2024 15:46	53902 HALI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/2/2024 15:47	59002 MIFF_T1	0	0	0	0	0

Appendix C - Grid Benefits Achieved in Each Instance of Active Management

2/2/2024 16:58	46206 DANV_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/2/2024 17:04	55002 NEWP_T1	5	5	0	0.6	0.62	0.02	-0.22	-0.24	0	0	0	0	0	0
2/2/2024 17:06	49804 UNIV_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/2/2024 17:07	67401 WAKE_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/2/2024 17:12	67401 WAKE_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/2/2024 17:41	65005 NEFF_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/2/2024 17:49	63305 GREE_T1	0	0	0	0	0	0	-1.3	-1.24	0	0	0	0	0	0
2/2/2024 17:52	65003 NEFF_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/2/2024 18:11	63306 GREE_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/2/2024 18:34	65001 NEFF_T2	66	103	37	0.12	0.13	0.01	-1.17	-1.19	0	0	0	0	0	0
2/2/2024 18:39	59402 RFLD_T2	0	0	0	0	0	0	-0.81	-0.81	0	0	0	0	0	0
2/2/2024 18:49	65003 NEFF_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/2/2024 18:55	65003 NEFF_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/2/2024 18:58	17803 GILB_T2	1	38	37	0.1	0.17	0.07	0	0	0	0	0	0	0	0
2/2/2024 19:05	56501 ROCK_T2	4	3	-1	0.1	0.1	0	0	0	0	0	0	0	0	0
2/2/2024 19:05	64202 KINZ_T1	2	2	0	0.1	0.25	0.15	0	0	0	0	0	0	0	0
2/2/2024 19:05	40602 PIGR_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/2/2024 19:06	62601 ENGL_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/2/2024 19:06	26401 INOR_T1	0	1	1	0	0	0	0	0	0	0	0	0	0	0
2/2/2024 19:07	67002 STHI_T2	61	79	18	0.2	0.2	0	1.12	1.14	0	0	0	0	0	0
2/2/2024 19:07	20401 ASHF_T2	2	3	1	0.35	0.47	0.12	0	0	0	0	0	0	0	0
2/2/2024 19:07	40101 HUNT_T2	23	20	-3	0.51	0.75	0.24	-0.6	-0.65	0	0	0	0	0	0
2/2/2024 19:08	41802 GOCI_T2	0	1	1	0	0.1	0.1	0	0	0	0	0	0	0	0
2/2/2024 19:08	40601 PIGR_T1	0	15	15	0	0.11	0.11	0	0	0	0	0	0	0	0
2/2/2024 19:08	56504 ROCK_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/2/2024 19:09	67001 STHI_T2	261	381	120	0.16	0.19	0.03	0	0	0	0	0	0	0	0
2/2/2024 19:09	27101 GFLD_T2	0	0	0	0	0	0	0.32	0.31	0	0	0	0	0	0
2/2/2024 19:09	45501 DERR_T2	1	2	1	0	0	0	0.28	0.32	0	0	0	0	0	0
2/2/2024 19:10	45501 DERR_T2	1	2	1	0	0	0	0.28	0.32	0	0	0	0	0	0
2/2/2024 19:10	42001 MNVL_T2	0	0	0	0	0	0	0.11	0.14	0	0	0	0	0	0
2/2/2024 19:10	61701 ELIZ_T1	1	1	0	5.5	5.3	-0.2	0	0	0	0	0	0	0	0
2/2/2024 19:11	28801 LAKE_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/2/2024 19:11	17803 GILB_T2	3	51	48	0.1	0.22	0.12	0	0	0	0	0	0	0	0
2/2/2024 19:12	49804 UNIV_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/2/2024 19:12	60101 COCA_T1	0	0	0	0	0	0	0.3	0.29	0	0	0	0	0	0
2/2/2024 19:13	46205 DANV_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/2/2024 19:13	12701 MACU_T1	0	0	0	0	0	0	0.17	0.18	0	0	0	0	0	0
2/2/2024 19:13	46301 ROHR_T1	90	169	79	0.25	0.33	0.08	0.52	0.5	0	0	0	0	0	0
2/2/2024 19:13	67002 STHI_T2	61	79	18	0.2	0.2	0	2.28	2.32	0	0	0	0	0	0
2/2/2024 19:13	46205 DANV_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/2/2024 19:13	40501 CRES_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/2/2024 19:13	67604 WARW_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/2/2024 19:13	67002 STHI_T2	61	79	18	0.2	0.2	0	2.28	2.32	0	0	0	0	0	0
2/2/2024 19:13	42701 AUGU_T1	1	1	0	0.6	0.6	0	0	0	0	0	0	0	0	0
2/2/2024 19:14	42001 MNVL_T2	0	0	0	0	0	0	0.11	0.14	0	0	0	0	0	0
2/2/2024 19:14	28602 BLYT_T2	0	2	2	0	0	0	0	0	0	0	0	0	0	0
2/2/2024 19:15	67002 STHI_T2	68	71	3	0.2	0.19	-0.01	0.57	0.58	0	0	0	0	0	0
2/2/2024 19:15	66505 SMAN_T2	3	3	0	1.07	1.1	0.03	0	0	0	0	0	0	0	0
2/2/2024 19:15	43202 MVIL_T2	55	92	37	0.33	0.34	0.01	-0.66	-0.64	0	0	0	0	0	0
2/2/2024 19:15	46205 DANV_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/2/2024 19:15	60801 BUCK_T1	0	0	0	0	0	0	-0.82	-0.87	0	0	0	0	0	0
2/2/2024 19:15	45501 DERR_T2	1	2	1	0	1.1	1.1	0.28	0.32	0	0	0	0	0	0
2/2/2024 19:15	60102 COCA_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/2/2024 19:15	40101 HUNT_T2	3	26	23	0.6	0.54	-0.06	-0.65	-0.62	0	0	0	0	0	0
2/2/2024 19:16	45501 DERR_T2	1	2	1	0	1.1	1.1	0.56	0.64	0	0	0	0	0	0
2/2/2024 19:16	67503 WEWI_T2	0	0	0	0	0	0	-0.05	-0.03	0	0	0	0	0	0
2/2/2024 19:16	43303 WATS_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/2/2024 19:16	40602 PIGR_T1	0	0	0	0	0	0	-0.54	-0.52	0	0	0	0	0	0
2/2/2024 19:16	67503 WEWI_T2	0	0	0	0	0	0	-0.05	-0.03	0	0	0	0	0	0
2/2/2024 19:17	64101 REFR_T1	0	0	0	0	0	0	-0.06	-0.07	0	0	0	0	0	0
2/2/2024 19:17	16406 MOPO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/2/2024 19:17	45701 LIND_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/2/2024 19:17	42701 AUGU_T1	1	1	0	0.5	0.6	0.1	0	0	0	0	0	0	0	0
2/2/2024 19:17	26402 INOR_T1	1	0	-1	0.1	0	-0.1	-1.08	-1.08	0	0	0	0	0	0
2/2/2024 19:17	67001 STHI_T2	281	390	109	0.17	0.19	0.02	0.1	0.11	0	0	0	0	0	0
2/2/2024 19:17	46206 DANV_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/2/2024 19:17	40501 CRES_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/2/2024 19:17	65903 SAKR_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/2/2024 19:17	67503 WEWI_T2	0	0	0	0	0	0	-0.05	-0.03	0	0	0	0	0	0
2/2/2024 19:17	60102 COCA_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/2/2024 19:17	17002 RIRO_T2	1	3	2	0.1	0.1	0	0.39	0.36	0	0	0	0	0	0
2/2/2024 19:17	44601 SALE_T2	0	0	0	0	0	0	-0.1	-0.1	0	0	0	0	0	0
2/2/2024 19:18	67503 WEWI_T2	0	0	0	0	0	0	-0.05	-0.03	0	0	0	0	0	0
2/2/2024 19:18	40603 PIGR_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/2/2024 19:18	40501 CRES_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/2/2024 19:18	43202 MVIL_T2	55	92	37	0.33	0.34	0.01	-0.66	-0.64	0	0	0	0	0	0
2/2/2024 19:18	45501 DERR_T2	1	2	1	0	1.1	1.1	0.28	0.32	0	0	0	0	0	0
2/2/2024 19:18	43202 MVIL_T2	55	92	37	0.33	0.34	0.01	-0.66	-0.64	0	0	0	0	0	0
2/2/2024 19:18	60102 COCA_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/2/2024 19:18	10805 CHNI_T2	1	6	5	7.2	7.2	0	-0.49	-0.32	0	0	0	0	0	0
2/2/2024 19:18	44901 SCOT_T2	0	0	0	0	0	0	-0.16	-0.2	0	0	0	0	0	0
2/2/2024 19:18	60701 BREC_T1	0	5	5	0	0.1	0.1	-0.49	-0.5	0	0	0	0	0	0
2/2/2024 19:18	46001 BERW_T1	0	0	0	0	0	0	0.68	0.71	0	0	0	0	0	0
2/2/2024 19:18	53501 EVIL_T2	1	1	0	0.1	0.3	0.2	-0.77	-0.81	0	0	0	0	0	0
2/2/2024 19:18	41802 GOCI_T2	0	1	1	0	0.1	0.1	0	0	0	0	0	0	0	0
2/2/2024 19:18	64702 LITI_T2	0	0	0	0	0	0	-0.6	-0.66	0	0	0	0	0	0
2/2/2024 19:18	25402 LAHA_T2	0	1	1	0	0	0	-0.6	-0.62	0	0	0	0	0	0
2/2/2024 19:18	57403 SPAN_T1	0	0	0	0	0	0	0.11	0.11	0	0	0	0	0	0
2/2/2024 19:18	57403 SPAN_T1	0	0	0	0	0	0	0.11	0.11	0	0	0	0	0	0
2/2/2024 19:19	29401 BELT_T1	93	71	-22	0.36	0.35	-0.01	0	0	0	0	0	0	0	0
2/2/2024 19:19	40502 CRES_T2	20	38	18	0.19	0.25	0.06	-1.56	-1.6	0	0	0	0	0	0
2/2/2024 19:19	43303 WATS_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/2/2024 19:19	55002 NEWP_T1	5	4	-1	0.94	0.65	-0.29	-0.23	-0.22	0	0	0	0	0	0
2/2/2024 19:19	43101 SMIL_T2	1	1	0	1.3	0	-1.3	0	0	0	0	0	0	0	0
2/2/2024 19:19	64101 REFR_T1	0	0	0	0	0	0	-0.06	-0.07	0	0	0	0	0	0
2/2/2024 19:19	57401 SPAN_T1	0	0	0	0	0	0	-1.36	-1.34	0	0	0	0	0	0
2/2/2024 19:19	42701 AUGU_T1	1	1	0	0.5	0.6	0.1	0	0	0	0	0	0	0	0
2/2/2024 19:20	43302 WATS_T2	4	4	0	0.83	0.68	-0.15	0	0	0	0	0	0	0	0
2/2/2024 19:20	66501 SMAN_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/2/2024 19:20	17801 GILB_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/2/2024 19:20	20403 ASHF_T2	0	0	0	0	0	0	0.45	0.41	0	0	0	0	0	0
2/2/2024 19:20	40501 CRES_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/2/2024 19:20	57403 SPAN_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/2/2024 19:20	29402 BELT_T1	36	18	-18	0.52	0.72	0.2	0	0	0	0	0	0	0	0
2/2/2024 19:20	53903 HALI_T2	2	2	0	1.1	1.1	0	0	0	0	0	0	0	0	0
2/2/2024 19:20	43302 WATS_T2	4	4	0	0.83	0.68	-0.15	0	0	0	0	0	0	0	0
2/2/2024 19:20	28801 LAKE_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/2/2024 19:21	53501 EVIL_T2	1	1	0	0.1	0.3	0.2	-0.77	-0.81	0	0	0	0	0	0
2/2/2024 19:21	64902 MILL_T2	0	0	0	0	0	0	-0.74	-0.78	0	0	0	0	0	0
2/2/2024 19:21	64702 LITI_T2	0	0	0	0	0	0	-0.6	-0.66	0	0	0	0	0	0
2/2/2024 19:21	24901 WHHA_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/2/2024 19:21	67002 STHI_T2	68	71	3	0.2	0.19	-0.01	0.57	0.58	0	0	0	0	0	0
2/2/2024 19:21	48303 ORWI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/2/2024 19:21	66503 SMAN_T2	1	6	5	0.1	0.13	0.03	0	0	0	0	0	0	0	0
2/2/2024 19:21	46803 HEPB_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/2/2024 19:21	44901 SCOT_T2	0	0	0	0	0	0	-0.16	-0.2	0	0	0	0	0	0
2/2/2024 19:21	47802 MOCA_T2	0	0	0	0	0	0	-1.02	-1.01	0	0	0	0	0	0
2/2/2024 19:21	43301 WATS_T2	0	0	0	0	0	0	-0.71	-0.16	0	0	0	0	0	0
2/2/2024 19:21	67603 WARW_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/2/2024 19:21	14402 SSLA_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/2/2024 19:21	46301 ROHR_T1	119	175	56	0.31	0.34	0.03	0	0	0	0	0	0	0	0
2/2/2024 19:21	60701 BREC_T1	0	5	5	0	0.1	0.1	-0.49	-0.5	0	0	0	0	0	0
2/2/2024 19:21	42701 AUGU_T1	1	1	0	0.5	0.6	0.1	0	0	0	0	0	0	0	0
2/2/2024 19:21	44302 BEAV_T2	0	2	2	0	0.1	0.1	0	0	0	0	0	0	0	0
2/2/2024 19:21	40501 CRES_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/2/2024 19:21	59101 WALK_T2	0	0	0	0	0	0	0.89	0.84	0	0	0	0	0	0
2/2/2024 19:21	40101 HUNT_T2	3	26	23	0.6	0.54	-0.06	-0.65	-0.62	0	0	0	0	0	0
2/2/2024 19:22	63305 GREE_T1	0	5	5	0	0	0	-1.18	-1.14	0	0	0	0	0	0
2/2/2024 19:22	60701 BREC_T1	0	5	5	0	0.1	0.1	-0.98	-1	0	0	0	0	0	0
2/2/2024 19:22	40501 CRES_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/2/2024 19:22	46206 DANV_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/2/2024 19:22	43102 SMIL_T2	6	7	1	0.33	0.56	0.23	0	0	0	0	0	0	0	0
2/2/2024 19:22	56802 BENV_T2	92	64	-28	0.23	0.21	-0.02	-1.3	-1.36	0	0	0	0	0	0
2/2/2024 19:22	41901 REED_T1	4	9	5	0.38	0.41	0.03	0	0	0	0	0	0	0	0
2/2/2024 19:22	43301 WATS_T2	0	0	0	0	0	0	-0.71	-0.16	0	0	0	0	0	0
2/2/2024 19:22	29401 BELT_T1	186	142	-44	0.36	0.35	-0.01	0	0	0	0	0	0	0	0
2/2/2024 19:22	65903 SAKR_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/2/2024 19:22	67502 WEWI_T2	0	0	0	0	0	0	-1.42	-1.38	0	0	0	0	0	0
2/2/2024 19:22	57401 SPAN_T1	0	0	0	0	0	0	-0.68	-0.67	0	0	0	0	0	0
2/2/2024 19:22	46005 BERW_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/2/2024 19:22	43202 MVIL_T2	55	92	37	0.33	0.34	0.01	-0.66	-0.64	0	0	0	0	0	0
2/2/2024 19:23	17802 GILB_T1	0	0	0	0	0	0	0.59	0.57	0	0	0	0	0	0
2/2/2024 19:23	67002 STHI_T2	68	71	3	0.2	0.19	-0.01	1.14	1.16	0	0	0	0	0	0
2/2/2024 19:23	41903 REED_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/2/2024 19:23	44302 BEAV_T2	0	2	2	0	0.1	0.1	0.2	0.23	0	0	0	0	0	0
2/2/2024 19:23	67202 TEHI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/2/2024 19:23	43303 WATS_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/2/2024 19:23	27503 WEIS_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/2/2024 19:23	44901 SCOT_T2	0	0	0	0	0	0	-0.2	0	0	0	0	0	0	0
2/2/2024 19:23	60201 ATGL_T2	0	0	0	0	0	0	-0.01	0.06	0	0	0	0	0	0
2/2/2024 19:23	40501 CRES_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/2/2024 19:23	41801 GOCI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/2/2024 19:23	59302 MCAL_T1	0	1	1	0	0.3	0.3	-0.36	-0.36	0	0	0	0	0	0
2/2/2024 19:23	56802 BENV_T2	92	64	-28	0.23	0.21	-0.02	-1.3	-1.36	0	0	0	0	0	0
2/2/2024 19:24	65004 NEFF_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/2/2024 19:24	67204 TEHI_T2	0	0	0	0	0	0	0.16	0.15	0	0	0	0	0	0
2/2/2024 19:24	40101 HUNT_T2	3	26	23	0.6	0.54	-0.06	-0.62	-0.65	0	0	0	0	0	0
2/2/2024 19:24	67001 STHI_T2	281	390	109	0.17	0.19	0.02	0.11	0.09	0	0	0	0	0	0
2/2/2024 19:24	16402 MOPO_T1	0	0	0	0	0	0	0.14	0.13	0	0	0	0	0	0
2/2/2024 19:24	26402 INOR_T1	1	0	-1	0.1	0	-0.1	0	0	0	0	0	0	0	0
2/2/2024 19:24	40502 CRES_T2	10	19	9	0.19	0.25	0.06	-0.8	-0.82	0	0	0	0	0	0
2/2/2024 19:24	49803 UNIV_T1	0	0	0	0	0	0	-1.11	-1.07	0	0	0	0	0	0
2/2/2024 19:24	13501 MCMI_T1	0	0	0	0	0	0	-0.01	-0.03	0	0	0	0	0	0
2/2/2024 19:24	46702 RENO_T1	29	53	24	0.14	0.2	0.06	-0.12	-0.12	0	0	0	0	0	0
2/2/2024 19:24	56802 BENV_T2	92	64	-28	0.23	0.21	-0.02	-1.36	-1.32	0	0	0	0	0	0
2/2/2024 19:24	67502 WEWI_T2	0	0	0	0	0	0	-2.76	-2.7	0	0	0	0	0	0
2/2/2024 19:24	46003 BERW_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/2/2024 19:24	64703 LITI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/2/2024 19:24	43001 ALWD_T1	0	8	8	0	0.18	0.18	0	0	0	0	0	0	0	0
2/2/2024 19:24	45802 HEGI_T2	9	12	3	0.79	0.83	0.04	1.08	1.03	0	0	0	0	0	0
2/2/2024 19:25	61701 ELIZ_T1	1	1	0	5.3	5.3	0	0	0	0	0	0	0	0	0
2/2/2024 19:25	40903 JESH_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/2/2024 19:25	46201 DANV_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/2/2024 19:25	10801 CHNI_T1	0	0	0	0	0	0	-0.88	-0.86	0	0	0	0	0	0
2/2/2024 19:25	53502 EVIL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/2/2024 19:25	16302 ALPA_T2	0	0	0	0	0	0	0.66	0.65	0	0	0	0	0	0
2/2/2024 19:25	43304 WATS_T2	1	1	0	0.2	0.3	0.1	-1.31	-1.18	0	0	0	0	0	0
2/2/2024 19:25	56802 BENV_T2	92	64	-28	0.23	0.21	-0.02	-2.72	-2.64	0	0	0	0	0	0
2/2/2024 19:25	55002 NEWP_T1	5	4	-1	0.94	0.65	-0.29	-0.66	-0.72	0	0	0	0	0	0
2/2/2024 19:25	41901 REED_T1	4	9	5	0.38	0.41	0.03	0	0	0	0	0	0	0	0
2/2/2024 19:25	40502 CRES_T2	20	38	18	0.19	0.25	0.06	-1.6	-1.64	0	0	0	0	0	0
2/2/2024 19:25	12704 MACU_T1	0

2/2/2024 19:28	65004 NEFF_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/2/2024 19:28	54505 ENOL_T2	1	1	0	0.2	0.4	0.2	0	0	0	0	0	0	0	0
2/2/2024 19:28	43301 WATS_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/2/2024 19:28	10703 CATA_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/2/2024 19:28	56504 ROCK_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/2/2024 19:28	43401 BENT_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/2/2024 19:28	29401 BELT_T1	93	71	-22	0.36	0.35	-0.01	0	0	0	0	0	0	0	0
2/2/2024 19:28	64101 REFR_T1	0	0	0	0	0	0	-0.07	-0.04	0	0	0	0	0	0
2/2/2024 19:28	53601 DALM_T2	1	1	0	0.7	0.5	-0.2	-0.1	-0.1	0	0	0	0	0	0
2/2/2024 19:28	56802 BENV_T2	92	64	-28	0.23	0.21	-0.02	-2.72	-2.64	0	0	0	0	0	0
2/2/2024 19:28	17802 GILB_T1	0	0	0	0	0	0	0.3	0.28	0	0	0	0	0	0
2/2/2024 19:28	16302 ALPA_T2	0	0	0	0	0	0	0.66	0.65	0	0	0	0	0	0
2/2/2024 19:29	29402 BELT_T1	36	18	-18	0.52	0.72	0.2	0	0	0	0	0	0	0	0
2/2/2024 19:29	53902 HALI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/2/2024 19:29	10805 CHNI_T2	1	6	5	7.2	7.2	0	-0.32	-0.51	0	0	0	0	0	0
2/2/2024 19:29	46302 ROHR_T1	5	4	-1	1.32	1.6	0.28	0.25	0.24	0	0	0	0	0	0
2/2/2024 19:29	67502 WEWI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/2/2024 19:29	42901 MIDD_T2	0	1	1	0	0.1	0.1	0	0	0	0	0	0	0	0
2/2/2024 19:29	43301 WATS_T2	0	0	0	0	0	0	-0.32	0.57	0	0	0	0	0	0
2/2/2024 19:29	67201 TEHI_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/2/2024 19:29	60701 BREC_T1	0	5	5	0	0.1	0.1	-0.5	-0.48	0	0	0	0	0	0
2/2/2024 19:29	56802 BENV_T2	92	64	-28	0.23	0.21	-0.02	-1.36	-1.32	0	0	0	0	0	0
2/2/2024 19:29	17805 GILB_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/2/2024 19:29	60201 ATGL_T2	0	0	0	0	0	0	0.06	-0.02	0	0	0	0	0	0
2/2/2024 19:30	63802 HEMP_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/2/2024 19:30	53903 HALI_T2	2	2	0	1.05	1.1	0.05	0	0	0	0	0	0	0	0
2/2/2024 19:30	67503 WEWI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/2/2024 19:30	51108 CARL_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/2/2024 19:30	46002 BERW_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/2/2024 19:30	53501 EVIL_T2	1	0	-1	0.3	0	-0.3	-0.81	-0.82	0	0	0	0	0	0
2/2/2024 19:30	46301 ROHR_T1	165	167	2	0.33	0.35	0.02	0	0	0	0	0	0	0	0
2/2/2024 19:30	54506 ENOL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/2/2024 19:30	15001 BLMO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/2/2024 19:30	16302 ALPA_T2	0	0	0	0	0	0	0.66	0.65	0	0	0	0	0	0
2/2/2024 19:30	43104 SMIL_T2	0	0	0	0	0	0	-0.71	-0.72	0	0	0	0	0	0
2/2/2024 19:30	58401 MORO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/2/2024 19:30	56802 BENV_T2	56	92	36	0.21	0.22	0.01	-1.36	-1.32	0	0	0	0	0	0
2/2/2024 19:30	64101 REFR_T1	0	0	0	0	0	0	-0.07	-0.04	0	0	0	0	0	0
2/2/2024 19:31	61701 ELIZ_T1	1	1	0	5.3	5.5	0.2	0	0	0	0	0	0	0	0
2/2/2024 19:31	15001 BLMO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/2/2024 19:31	57403 SPAN_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/2/2024 19:31	58301 NOTT_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/2/2024 19:31	50506 MECH_T1	0	0	0	0	0	0	-0.06	-0.05	0	0	0	0	0	0
2/2/2024 19:31	54505 ENOL_T2	1	1	0	0.4	0.4	0	-1.23	-1.2	0	0	0	0	0	0
2/2/2024 19:31	56802 BENV_T2	56	92	36	0.21	0.22	0.01	-4.08	-3.96	0	0	0	0	0	0
2/2/2024 19:31	67502 WEWI_T2	0	0	0	0	0	0	-1.38	-1.35	0	0	0	0	0	0
2/2/2024 19:31	67502 WEWI_T2	0	0	0	0	0	0	-1.38	-1.35	0	0	0	0	0	0
2/2/2024 19:31	54504 ENOL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/2/2024 19:31	67902 WNHO_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/2/2024 19:31	54504 ENOL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/2/2024 19:31	53502 EVIL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/2/2024 19:31	67401 WAKE_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/2/2024 19:31	53903 HALI_T2	2	2	0	1.05	1.1	0.05	0	0	0	0	0	0	0	0
2/2/2024 19:31	64101 REFR_T1	0	0	0	0	0	0	-0.07	-0.04	0	0	0	0	0	0
2/2/2024 19:32	54206 PENN_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/2/2024 19:32	60201 ATGL_T2	0	0	0	0	0	0	0.06	-0.02	0	0	0	0	0	0
2/2/2024 19:32	54502 ENOL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/2/2024 19:32	44301 BEAV_T2	0	0	0	0	0	0	-0.3	-0.26	0	0	0	0	0	0
2/2/2024 19:32	20403 ASHF_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/2/2024 19:32	50106 HARR_T3	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/2/2024 19:32	57304 MOAL_T2	0	0	0	0	0	0	-0.28	-0.29	0	0	0	0	0	0
2/2/2024 19:32	59101 WALK_T2	0	0	0	0	0	0	0.84	0.87	0	0	0	0	0	0
2/2/2024 19:33	54501 ENOL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/2/2024 19:33	59102 WALK_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/2/2024 19:33	64101 REFR_T1	0	0	0	0	0	0	-0.07	-0.04	0	0	0	0	0	0
2/2/2024 19:34	54504 ENOL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/2/2024 19:34	59102 WALK_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/2/2024 19:34	14401 SSLA_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/2/2024 19:34	67503 WEWI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/2/2024 19:34	61803 EELI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/2/2024 19:34	64801 MONE_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/2/2024 19:34	42901 MIDD_T2	1	1	0	0.1	0.1	0	0	0	0	0	0	0	0	0
2/2/2024 19:34	54503 ENOL_T2	0	0	0	0	0	0	-1.14	-1.14	0	0	0	0	0	0
2/2/2024 19:34	66703 STRA_T1	0	1	1	0	0.1	0.1	-0.26	-0.29	0	0	0	0	0	0
2/2/2024 19:35	54202 PENN_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/2/2024 19:35	51101 CARL_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/2/2024 19:35	12701 MACU_T1	0	1	1	0	0	0	0.18	0.15	0	0	0	0	0	0
2/2/2024 19:35	57401 SPAN_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/2/2024 19:35	61703 ELIZ_T1	22	161	139	0.17	0.22	0.05	-2.73	-2.75	0	0	0	0	0	0
2/2/2024 19:35	56802 BENV_T2	56	92	36	0.21	0.22	0.01	-4.08	-3.96	0	0	0	0	0	0
2/2/2024 19:36	54501 ENOL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/2/2024 19:37	57401 SPAN_T1	0	0	0	0	0	0	-0.67	-0.74	0	0	0	0	0	0
2/2/2024 19:37	56801 BENV_T1	19	23	4	1.08	0.85	-0.23	-0.66	-0.67	0	0	0	0	0	0
2/2/2024 19:37	56503 ROCK_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/2/2024 19:37	58401 MORO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/2/2024 19:38	44301 BEAV_T2	0	0	0	0	0	0	-0.26	-0.25	0	0	0	0	0	0
2/2/2024 19:39	54502 ENOL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/2/2024 19:39	59101 WALK_T2	0	0	0	0	0	0	0.87	0.61	0	0	0	0	0	0
2/2/2024 19:39	63304 GREE_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/2/2024 19:40	55103 WERT_T1	1	0	-1	0.8	0	-0.8	0	0	0	0	0	0	0	0
2/2/2024 19:40	54505 ENOL_T2	1	1	0	0.4	0.4	0	-2.4	-2.46	0	0	0	0	0	0
2/2/2024 19:40	55001 NEWP_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/2/2024 19:41	54202 PENN_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/2/2024 19:41	54502 ENOL_T2	0	0	0	0	0	0	-1.15	-1.13	0	0	0	0	0	0
2/2/2024 19:42	65001 NEFF_T2	225	215	-10	0.25	0.24	-0.01	-1.21	-1.19	0	0	0	0	0	0
2/2/2024 19:43	45402 WILO_T2	14	16	2	0.16	0.22	0.06	-0.67	-0.63	0	0	0	0	0	0
2/2/2024 19:50	40101 HUNT_T2	22	15	-7	0.51	0.41	-0.1	-0.65	-0.61	0	0	0	0	0	0
2/2/2024 19:51	56501 ROCK_T2	0	1	1	0	0.1	0.1	-1.46	-1.47	0	0	0	0	0	0
2/2/2024 19:59	16302 ALPA_T2	0	0	0	0	0	0	0.64	0.67	0	0	0	0	0	0
2/2/2024 20:03	65005 NEFF_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/2/2024 20:12	63304 GREE_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/2/2024 20:36	40902 JESH_T1	0	0	0	0	0	0	-0.76	-0.75	0	0	0	0	0	0
2/2/2024 20:40	65001 NEFF_T2	222	222	0	0.3	0.26	-0.04	-1.17	-1.22	0	0	0	0	0	0
2/2/2024 20:50	65002 NEFF_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/2/2024 21:24	54502 ENOL_T2	0	0	0	0	0	0	-1.16	-1.15	0	0	0	0	0	0
2/2/2024 21:27	65001 NEFF_T2	229	243	14	0.41	0.53	0.12	-1.22	-1.22	0	0	0	0	0	0
2/2/2024 21:37	65004 NEFF_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/2/2024 21:52	63301 GREE_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/2/2024 22:37	15001 BLMO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/2/2024 22:39	63305 GREE_T1	2	0	-2	0.1	0	-0.1	-1.36	-1.34	0	0	0	0	0	0
2/2/2024 23:01	65003 NEFF_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/2/2024 23:12	65005 NEFF_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/2/2024 23:20	63306 GREE_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/2/2024 23:46	63301 GREE_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/3/2024 0:07	63303 GREE_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/3/2024 0:15	65004 NEFF_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/3/2024 0:19	63302 GREE_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/3/2024 0:34	63303 GREE_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/3/2024 0:51	54506 ENOL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/3/2024 0:52	65005 NEFF_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/3/2024 1:05	63305 GREE_T1	0	2	2	0	0.1	0.1	-2.32	-2.39	0	0	0	0	0	0
2/3/2024 1:10	63305 GREE_T1	0	2	2	0	0.1	0.1	-2.39	-2.41	0	0	0	0	0	0
2/3/2024 2:10	65005 NEFF_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/3/2024 2:18	63304 GREE_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/3/2024 2:26	65002 NEFF_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/3/2024 2:35	63301 GREE_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/3/2024 3:01	63302 GREE_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/3/2024 3:34	65001 NEFF_T2	77	135	58	0.13	0.15	0.02	-1.43	-1.44	0	0	0	0	0	0
2/3/2024 4:06	65002 NEFF_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/3/2024 4:15	63303 GREE_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/3/2024 4:37	65002 NEFF_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/3/2024 4:41	63306 GREE_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/3/2024 5:25	65005 NEFF_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/3/2024 6:00	63303 GREE_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/3/2024 6:12	65005 NEFF_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/3/2024 6:43	65004 NEFF_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/3/2024 6:58	63303 GREE_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/3/2024 7:20	65003 NEFF_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/3/2024 7:45	65003 NEFF_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/3/2024 7:45	63302 GREE_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/3/2024 7:54	46204 DANV_T2	1	6	5	0.4	0.3	-0.1	0	0	0	0	0	0	0	0
2/3/2024 7:56	46204 DANV_T2	1	6	5	0.4	0.3	-0.1	0	0	0	0	0	0	0	0
2/3/2024 7:57	46203 DANV_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/3/2024 8:01	63306 GREE_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/3/2024 8:03	40101 HUNT_T2	12	17	5	0.38	0	-0.38	-0.51	-0.54	0	0	0	0	0	0
2/3/2024 8:04	49803 UNIV_T1	0	0	0	0	0	0	-1.06	-1.06	0	0	0	0	0	0
2/3/2024 8:09	45501 DERR_T2	1	2	1	0	0	0	-0.81	-0.81	0	0	0	0	0	0
2/3/2024 8:12	46801 HEPB_T2	0	0	0	0	0	0	0.63	0.63	0	0	0	0	0	0
2/3/2024 8:12	45501 DERR_T2	1	2	1	0	0	0	-0.81	-0.81	0	0	0	0	0	0
2/3/2024 8:15	25404 LAHA_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/3/2024 8:23	46206 DANV_T2	3	4	1	0.67	0.3	-0.37	0	0	0	0	0	0	0	0
2/3/2024 8:24	46202 DANV_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/3/2024 8:26	46201 DANV_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/3/2024 8:27	46206 DANV_T2	3	4	1	0.67	0.3	-0.37	0	0	0	0	0	0	0	0
2/3/2024 8:39	43401 BENT_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/3/2024 8:41	43401 BENT_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/3/2024 8:44	65002 NEFF_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/3/2024 8:55	65002 NEFF_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/3/2024 8:55	43402 BENT_T1	0	0	0	0	0	0	-1.51	-1.49	0	0	0	0	0	0
2/3/2024 8:56	10805 CHNI_T2	1	7	6	7.9	7.8	-0.1	-0.59	-0.64	0	0	0	0	0	0
2/3/2024 8:56	53601 DALM_T2	5	6	1	2.02	0.73	-1.29	0.18	0.16	0	0	0	0	0	0
2/3/2024 8:57	43401 BENT_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/3/2024 8:58	40101 HUNT_T2	12	15	3	0.76	0.52	-0.24	-0.53	-0.53	0	0	0	0	0	0
2/3/2024 9:00	53903 HALI_T2	2	2	0	0.85	1	0.15	0	0	0	0	0	0	0	0
2/3/2024 9:00	65005 NEFF_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/3/2024 9:00	42903 MIDD_T2	2	40	38	2.2	0.72	-1.48	-0.05	0.1	0	0	0	0	0	0
2/3/2024 9:00	45902 AUBU_T1	0	1	1	0	1.1	1.1	-0.65	-0.59	0	0	0	0	0	0
2/3/2024 9:00	59101 WALK_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/3/2024 9:00	40502 CRES_T2	5	1	-4	0.12	0.1	-0.02	-2.58	-2.61	0	0	0	0	0	0
2/3/2024 9:00	23401 HONE_T2	0	1	1	0	0.1	0.1	0.09	0.11	0	0	0	0	0	0
2/3/2024 9:00	42001 MNVL_T2	0	0	0	0	0	0	0.07	0.08	0	0	0	0	0	0
2/3/2024 9:00	46002 BERW_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/3/2024 9:00	43001 ALWD_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/3/2024 9:00	58401 MORO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/3/2024 9:00	53501 EVIL_T2	9	9	0	1.24	1.64	0.4	-0.61	-0.57	0	0	0	0	0	0
2/3/2024 9:00	44201 POIN_T1	0	0	0	0	0	0	-1.72	-1.86	0	0	0	0	0	0
2/3/2024 9:00	42302 MOWR_T2	0	0	0	0	0	0	-0.83	-0.82	0	0	0	0	0	0
2/3/2024 9:00	16103 BING_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/3/2024 9:00	43304 WATS_T2	0	2	2	0	0	0	-0.27	-0.25	0	0	0	0	0	0
2/3/2024 9:00	41902 REED_T1	16	8	-8	0.55	0.96	0.41	1.05	1.03	0	0	0	0	0	0
2/3/2024 9:00	13503 MCMI_T2	111	72	-39	0.64	0.3	-0.34	0.25	0.23	0	0	0	0	0	0
2/3/2024 9:00	27502 WEIS_T2	0	0	0	0	0	0	-0.52	-0.45	0	0	0	0	0	0
2/3/2024 9:00	67502 WEWI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/3/2024 9:00	60701 BREC_T1	0	0	0	0

Appendix C - Grid Benefits Achieved in Each Instance of Active Management

2/3/2024 9:52	60803 BUCK_T1	1	2	1	0.1	0.15	0.05	0	0	0	0	0	0	0	0
2/3/2024 9:52	29402 BELT_T1	1	1	0	8.1	8.6	0.5	0	0	0	0	0	0	0	0
2/3/2024 9:53	46203 DANV_T2	6	19	13	0.45	0.3	-0.15	-1.77	-1.81	0	0	0	0	0	0
2/3/2024 9:54	20402 ASHF_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/3/2024 9:54	56802 BENV_T2	0	0	0	0	0	0	-2.8	-2.68	0	0	0	0	0	0
2/3/2024 9:54	29401 BELT_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/3/2024 9:55	46205 DANV_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/3/2024 9:55	46203 DANV_T2	6	19	13	0.45	0.3	-0.15	-1.77	-1.81	0	0	0	0	0	0
2/3/2024 9:55	41802 GOCI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/3/2024 9:55	29401 BELT_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/3/2024 9:55	56802 BENV_T2	0	0	0	0	0	0	-1.4	-1.34	0	0	0	0	0	0
2/3/2024 9:56	46203 DANV_T2	6	19	13	0.45	0.3	-0.15	-1.77	-1.81	0	0	0	0	0	0
2/3/2024 9:56	45802 HEGI_T2	0	0	0	0	0	0	0.35	0.23	0	0	0	0	0	0
2/3/2024 9:56	46204 DANV_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/3/2024 9:57	25503 MADI_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/3/2024 9:57	46201 DANV_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/3/2024 9:57	56802 BENV_T2	0	0	0	0	0	0	-1.4	-1.34	0	0	0	0	0	0
2/3/2024 9:58	46204 DANV_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/3/2024 10:00	41802 GOCI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/3/2024 10:00	43201 MVIL_T2	0	1	1	0	0.4	0.4	-0.37	-0.36	0	0	0	0	0	0
2/3/2024 10:02	56802 BENV_T2	0	0	0	0	0	0	-1.4	-1.34	0	0	0	0	0	0
2/3/2024 10:02	47402 PENS_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/3/2024 10:02	45802 HEGI_T2	0	0	0	0	0	0	0.35	0.23	0	0	0	0	0	0
2/3/2024 10:03	40602 PIGR_T1	0	2	2	0	0.5	0.5	-1.93	-1.88	0	0	0	0	0	0
2/3/2024 10:03	47402 PENS_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/3/2024 10:03	56501 ROCK_T2	4	1	-3	0.15	0.1	-0.05	-3.01	-2.99	0	0	0	0	0	0
2/3/2024 10:04	47402 PENS_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/3/2024 10:04	56501 ROCK_T2	4	1	-3	0.15	0.1	-0.05	-4.51	-4.48	0	0	0	0	0	0
2/3/2024 10:05	57403 SPAN_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/3/2024 10:05	43304 WATS_T2	0	0	0	0	0	0	-0.45	-0.49	0	0	0	0	0	0
2/3/2024 10:05	47403 PENS_T1	0	4	4	0	0.25	0.25	0	0	0	0	0	0	0	0
2/3/2024 10:05	56503 ROCK_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/3/2024 10:05	54001 SDLE_T1	4	4	0	0.53	0.65	0.12	0	0	0	0	0	0	0	0
2/3/2024 10:06	40603 PIGR_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/3/2024 10:06	24902 WHHA_T1	0	0	0	0	0	0	0.46	0.48	0	0	0	0	0	0
2/3/2024 10:06	67202 TEHI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/3/2024 10:07	13904 SEID_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/3/2024 10:07	43802 WATS_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/3/2024 10:07	67202 TEHI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/3/2024 10:07	56504 ROCK_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/3/2024 10:07	57403 SPAN_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/3/2024 10:07	16302 ALPA_T2	2	2	0	0.3	0.5	0.2	-0.78	-0.79	0	0	0	0	0	0
2/3/2024 10:08	54001 SDLE_T1	4	4	0	0.53	0.65	0.12	0	0	0	0	0	0	0	0
2/3/2024 10:08	43303 WATS_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/3/2024 10:08	15001 BLMO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/3/2024 10:09	57403 SPAN_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/3/2024 10:09	16302 ALPA_T2	2	2	0	0.3	0.5	0.2	-1.58	-1.36	0	0	0	0	0	0
2/3/2024 10:09	15001 BLMO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/3/2024 10:10	16302 ALPA_T2	2	2	0	0.3	0.5	0.2	-1.58	-1.36	0	0	0	0	0	0
2/3/2024 10:11	10801 CHHI_T1	3	3	0	0	0.3	0.3	-0.91	-0.9	0	0	0	0	0	0
2/3/2024 10:13	40902 JESH_T1	0	0	0	0	0	0	-1.38	-1.41	0	0	0	0	0	0
2/3/2024 10:14	46801 HEPB_T2	2	2	0	0.2	0.5	0.3	0.64	0.64	0	0	0	0	0	0
2/3/2024 10:14	42903 MIDD_T2	105	99	-6	0.4	0.25	-0.15	0	0	0	0	0	0	0	0
2/3/2024 10:14	13501 MCMI_T1	0	0	0	0	0	0	-0.04	-0.02	0	0	0	0	0	0
2/3/2024 10:14	13503 MCMI_T2	8	47	39	0.38	0.53	0.15	0.2	0.22	0	0	0	0	0	0
2/3/2024 10:16	65003 NEFF_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/3/2024 10:16	55001 NEWP_T1	1	2	1	0.9	0.7	-0.2	0	0	0	0	0	0	0	0
2/3/2024 10:17	55001 NEWP_T1	1	2	1	0.9	0.7	-0.2	0	0	0	0	0	0	0	0
2/3/2024 10:17	67401 WAKE_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/3/2024 10:18	43103 SMIL_T2	0	5	5	0	0.32	0.32	-2.16	-2.19	0	0	0	0	0	0
2/3/2024 10:18	16402 MOPO_T1	1	2	1	1	0	-1	-0.09	-0.04	0	0	0	0	0	0
2/3/2024 10:18	57301 MOAL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/3/2024 10:19	65002 NEFF_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/3/2024 10:19	43104 SMIL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/3/2024 10:19	57304 MOAL_T2	0	3	3	0	0.25	0.25	-0.4	-0.35	0	0	0	0	0	0
2/3/2024 10:21	52502 PROG_T2	0	1	1	0	0.1	0.1	0	0	0	0	0	0	0	0
2/3/2024 10:21	67402 WAKE_T2	0	0	0	0	0	0	-0.4	-0.37	0	0	0	0	0	0
2/3/2024 10:22	52503 PROG_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/3/2024 10:22	16402 MOPO_T1	1	2	1	1	0	-1	-0.09	-0.04	0	0	0	0	0	0
2/3/2024 10:22	57401 SPAN_T1	4	8	4	0.13	0.28	0.15	-0.96	-1.1	0	0	0	0	0	0
2/3/2024 10:23	43304 WATS_T2	0	0	0	0	0	0	-0.25	-0.23	0	0	0	0	0	0
2/3/2024 10:23	57401 SPAN_T1	4	8	4	0.13	0.28	0.15	-1.93	-2.2	0	0	0	0	0	0
2/3/2024 10:24	57401 SPAN_T1	4	8	4	0.13	0.28	0.15	-1.1	-1.09	0	0	0	0	0	0
2/3/2024 10:24	42701 AUGU_T1	1	1	0	0.6	0.4	-0.2	0	0	0	0	0	0	0	0
2/3/2024 10:25	42701 AUGU_T1	1	1	0	0.6	0.4	-0.2	0	0	0	0	0	0	0	0
2/3/2024 10:27	67402 WAKE_T2	0	0	0	0	0	0	-0.37	-0.39	0	0	0	0	0	0
2/3/2024 10:27	10805 CHHI_T2	6	6	0	1.47	7.4	5.93	-0.63	-0.62	0	0	0	0	0	0
2/3/2024 10:28	27102 GFLD_T2	0	1	1	0	0	0	0	0	0	0	0	0	0	0
2/3/2024 10:28	10805 CHHI_T2	6	6	0	1.47	7.4	5.93	-0.63	-0.62	0	0	0	0	0	0
2/3/2024 10:29	65001 NEFF_T2	25	30	5	0.14	0.15	0.01	-1.09	-1.13	0	0	0	0	0	0
2/3/2024 10:29	42901 MIDD_T2	53	151	98	0.23	0.33	0.1	0	0	0	0	0	0	0	0
2/3/2024 10:31	48302 ORWI_T2	2	2	0	1.1	1.15	0.05	-0.57	-0.56	0	0	0	0	0	0
2/3/2024 10:33	55001 NEWP_T1	2	2	0	0.55	0.9	0.35	0	0	0	0	0	0	0	0
2/3/2024 10:35	43303 WATS_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/3/2024 10:36	43304 WATS_T2	0	1	1	0	0	0	0	0	0	0	0	0	0	0
2/3/2024 10:37	67402 WAKE_T2	0	0	0	0	0	0	-0.37	-0.39	0	0	0	0	0	0
2/3/2024 10:37	43301 WATS_T2	0	0	0	0	0	0	-0.7	-0.7	0	0	0	0	0	0
2/3/2024 10:37	56504 ROCK_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/3/2024 10:37	45502 DERR_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/3/2024 10:38	43302 WATS_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/3/2024 10:38	45402 WBLO_T2	2	3	1	0.35	0.57	0.22	-1.6	-1.63	0	0	0	0	0	0
2/3/2024 10:39	56802 BENV_T2	0	0	0	0	0	0	-1.36	-1.38	0	0	0	0	0	0
2/3/2024 10:39	43302 WATS_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/3/2024 10:40	43401 BENT_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/3/2024 10:40	43303 WATS_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/3/2024 10:40	65005 NEFF_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/3/2024 10:40	45502 DERR_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/3/2024 10:41	17803 GILB_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/3/2024 10:41	43402 BENT_T1	1	0	-1	0.2	0	-0.2	-0.93	-0.94	0	0	0	0	0	0
2/3/2024 10:41	60201 ATGL_T2	0	0	0	0	0	0	-0.04	-0.15	0	0	0	0	0	0
2/3/2024 10:41	45502 DERR_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/3/2024 10:42	46205 DANV_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/3/2024 10:42	67401 WAKE_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/3/2024 10:42	17801 GILB_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/3/2024 10:42	17804 GILB_T2	1	1	0	0.3	0.4	0.1	0	0	0	0	0	0	0	0
2/3/2024 10:42	45502 DERR_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/3/2024 10:42	40101 HUNT_T2	14	13	-1	0.54	0.1	-0.44	-0.56	-0.48	0	0	0	0	0	0
2/3/2024 10:43	40101 HUNT_T2	14	13	-1	0.54	0.1	-0.44	-1.12	-0.96	0	0	0	0	0	0
2/3/2024 10:44	42903 MIDD_T2	53	54	1	1.15	2.11	0.96	0	0	0	0	0	0	0	0
2/3/2024 10:44	17802 GILB_T1	1	4	3	1.3	0.58	-0.72	-0.06	-0.08	0	0	0	0	0	0
2/3/2024 10:45	42902 MIDD_T2	86	74	-12	0.5	0.35	-0.15	-0.59	-0.61	0	0	0	0	0	0
2/3/2024 10:46	56501 ROCK_T2	1	2	1	0.1	0.25	0.15	-1.53	-1.55	0	0	0	0	0	0
2/3/2024 10:46	42901 MIDD_T2	150	97	-53	0.33	0.24	-0.09	0	0	0	0	0	0	0	0
2/3/2024 10:48	42902 MIDD_T2	86	74	-12	0.5	0.35	-0.15	-0.59	-0.61	0	0	0	0	0	0
2/3/2024 10:48	42901 MIDD_T2	150	97	-53	0.33	0.24	-0.09	0	0	0	0	0	0	0	0
2/3/2024 10:49	42902 MIDD_T2	86	74	-12	0.5	0.35	-0.15	0	0	0	0	0	0	0	0
2/3/2024 10:50	65002 NEFF_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/3/2024 10:50	66502 SMAN_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/3/2024 10:50	59101 WALK_T2	0	1	1	0	0.4	0.4	1.38	1.35	0	0	0	0	0	0
2/3/2024 10:53	57404 SPAN_T2	0	0	0	0	0	0	-0.38	-0.36	0	0	0	0	0	0
2/3/2024 10:53	67402 WAKE_T2	0	0	0	0	0	0	-0.39	-0.4	0	0	0	0	0	0
2/3/2024 10:54	57404 SPAN_T2	0	0	0	0	0	0	-0.36	-0.38	0	0	0	0	0	0
2/3/2024 10:54	51101 CARL_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/3/2024 10:54	15001 BLMO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/3/2024 10:55	20403 ASHF_T2	2	0	-2	0.35	0	-0.35	0.34	0.26	0	0	0	0	0	0
2/3/2024 10:56	51101 CARL_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/3/2024 10:57	17802 GILB_T1	4	1	-3	0.58	0.1	-0.48	-0.08	0.24	0	0	0	0	0	0
2/3/2024 10:58	17802 GILB_T1	4	1	-3	0.58	0.1	-0.48	-0.08	0.24	0	0	0	0	0	0
2/3/2024 10:58	67402 WAKE_T2	0	0	0	0	0	0	-0.4	-0.39	0	0	0	0	0	0
2/3/2024 10:58	17803 GILB_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/3/2024 11:00	52004 LING_T2	2	3	1	0.45	0.5	0.05	0.48	0.48	0	0	0	0	0	0
2/3/2024 11:01	65002 NEFF_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/3/2024 11:01	63204 MGTN_T1	0	1	1	0	0.1	0.1	0	0	0	0	0	0	0	0
2/3/2024 11:02	44601 SALE_T2	0	0	0	0	0	0	-0.19	-0.14	0	0	0	0	0	0
2/3/2024 11:04	48302 ORWI_T2	2	2	0	0.9	1.15	0.25	-0.62	-0.62	0	0	0	0	0	0
2/3/2024 11:04	42902 MIDD_T2	72	80	8	0.34	0.37	0.03	0	0	0	0	0	0	0	0
2/3/2024 11:04	66902 SHIL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/3/2024 11:05	40603 PIGR_T1	1	0	-1	0.6	0	-0.6	0.31	0.33	0	0	0	0	0	0
2/3/2024 11:05	55002 NEWP_T1	6	5	-1	0.62	0.88	0.26	-0.2	-0.2	0	0	0	0	0	0
2/3/2024 11:05	59102 WALK_T2	0	1	1	0	0.28	0.28	0	0	0	0	0	0	0	0
2/3/2024 11:05	52501 PROG_T1	1	1	0	0.3	0.1	-0.2	-0.67	-0.69	0	0	0	0	0	0
2/3/2024 11:06	56504 ROCK_T2	0	0	0	0	0	0	-0.26	-0.25	0	0	0	0	0	0
2/3/2024 11:06	57401 SPAN_T1	12	4	-8	0.38	0.55	0.17	0	0	0	0	0	0	0	0
2/3/2024 11:07	45402 WBLO_T2	2	2	0	0.65	0.55	-0.1	-1.63	-1.6	0	0	0	0	0	0
2/3/2024 11:07	44905 SCOT_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/3/2024 11:08	42203 SHEN_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/3/2024 11:10	28602 BLYT_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/3/2024 11:10	46005 BERW_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/3/2024 11:10	55105 WERT_T1	0	0	0	0	0	0	-0.67	-0.7	0	0	0	0	0	0
2/3/2024 11:11	46005 BERW_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/3/2024 11:12	46801 HEPB_T2	2	2	0	0.25	0.25	0	0.6	0.61	0	0	0	0	0	0
2/3/2024 11:13	63802 HEMP_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/3/2024 11:16	65503 MOID_T2	0	2	2	0	0.35	0.35	-0.54	-0.58	0	0	0	0	0	0
2/3/2024 11:16	53903 HALI_T2	4	5	1	1.08	0.98	-0.1	-0.22	-0.23	0	0	0	0	0	0
2/3/2024 11:16	63204 MGTN_T1	0	1	1	0	0.1	0.1	0	0	0	0	0	0	0	0
2/3/2024 11:16	53902 HALI_T2	2	2	0	0.1	0.2	0.1	0	0	0	0	0	0	0	0
2/3/2024 11:16	64802 MONE_T2	1	2	1	0.5	0.4	-0.1	0	0	0	0	0	0	0	0
2/3/2024 11:17	64202 KINZ_T1	2	4	2	0.2	0.2	0	0	0	0	0	0	0	0	0
2/3/2024 11:17	53903 HALI_T2	2	2	0	0.1	0.2	0.1	0	0	0	0	0	0	0	0
2/3/2024 11:17	64203 KINZ_T1	0	0	0	0	0	0	0.64	0.69	0	0	0	0	0	0
2/3/2024 11:18	53902 HALI_T2	2	2	0	0.1	0.2	0.1	0	0	0	0	0	0	0	0
2/3/2024 11:19	56503 ROCK_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/3/2024 11:19	65502 MOIO_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/3/2024 11:20	64101 REPB_T1	0	0	0	0	0	0	0.11	0.17	0	0	0	0	0	0
2/3/2024 11:20	56503 ROCK_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/3/2024 11:22	56501 ROCK_T2	2	8	6	0.25	0.13	-0.12	0	0	0	0	0	0	0	0
2/3/2024 11:22	65003 NEFF_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/3/2024 11:22	59402 RFLD_T2	0	0	0	0	0	0	-0.75	-0.8	0	0	0	0	0	0
2/3/2024 11:24	60101 COCA_T1	0	3	3	0	0.37	0.37	0.37	0.38	0	0	0	0	0	0
2/3/2024 11:25	60801 BUCK_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/3/2024 11:26	60801 BUCK_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/3/2024 11:27	60803 BUCK_T1	0	2	2	0	0.35	0.35	-0.5	-0.51	0	0	0	0	0	0
2/3/2024 11:28	46101 MACI_T2	0	0	0	0	0	0	-0.8	-0.73	0	0	0	0	0	0
2/3/2024 11:29	45704 LIND_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/3/2024 11:29	63803 HEMP_T1	21	96	75	0.17	0.22	0.05	0	0	0	0	0	0	0	0
2/3/2024 11:30	64402 LAND_T2	1	4	3	0.2	0.48	0.28	-0.7	-0.68	0	0	0	0	0	0
2/3/2024 11:30	40903 JESH_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/3/2024 11:30	17804 GILB_T2	1	1	0	1.3	0.6	-0.7	-0.53	-0.52	0	0	0	0	0	0
2/3/2024 11:32	60102 COCA_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/3/2024 11:32	63204 MGTN_T1	1	2	1	0.1	0.1	0	0	0	0	0	0	0	0	0
2/3/2024 11:33	44904 SCOT_T1	0	0	0	0	0	0	-0.02	0	0	0	0	0	0	0
2/3/2024 11:33	56503 ROCK_T2	0	0	0

2/3/2024 11:58	64802 MONE_T2	1	1	0	0.3	0.2	-0.1	0	0	0	0	0	0	0
2/3/2024 12:02	40101 HUNT_T2	4	5	1	0.25	0	-0.25	-1.59	-1.59	0	0	0	0	0
2/3/2024 12:02	65503 MOJO_T2	0	2	2	0	0.5	0.5	-1.17	-1.19	0	0	0	0	0
2/3/2024 12:02	64201 KINZ_T1	0	0	0	0	0	0	-2.5	-1.27	0	0	0	0	0
2/3/2024 12:03	64204 KINZ_T1	0	2	2	0	1	1	0	0	0	0	0	0	0
2/3/2024 12:03	42202 SHEN_T2	1	0	-1	0.5	0	-0.5	0	0	0	0	0	0	0
2/3/2024 12:03	64801 MONE_T2	0	0	0	0	0	0	-0.32	-0.32	0	0	0	0	0
2/3/2024 12:03	13501 MCMI_T1	0	0	0	0	0	0	-0.04	-0.04	0	0	0	0	0
2/3/2024 12:03	64204 KINZ_T1	0	2	2	0	1	1	0	0	0	0	0	0	0
2/3/2024 12:07	14402 SSLA_T1	1	1	0	1.5	0	-1.5	0	0	0	0	0	0	0
2/3/2024 12:07	65801 RTWN_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
2/3/2024 12:08	65801 RTWN_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
2/3/2024 12:08	14404 SSLA_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
2/3/2024 12:09	67503 WEWI_T2	0	0	0	0	0	0	-0.28	-0.28	0	0	0	0	0
2/3/2024 12:13	53903 HALI_T2	8	9	1	0.83	0.69	-0.14	-0.11	-0.12	0	0	0	0	0
2/3/2024 12:13	63804 HEMP_T1	1	1	0	6.2	6.2	0	0	0	0	0	0	0	0
2/3/2024 12:14	53901 HALI_T2	36	92	56	0.21	0.34	0.13	0	0	0	0	0	0	0
2/3/2024 12:17	53901 HALI_T2	49	104	55	0.23	0.34	0.11	0	0	0	0	0	0	0
2/3/2024 12:19	13701 SCHN_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
2/3/2024 12:19	46702 RENO_T1	0	19	19	0	0.12	0.12	-0.12	-0.14	0	0	0	0	0
2/3/2024 12:23	57401 SPAN_T1	2	6	4	0.15	0.53	0.38	0	0	0	0	0	0	0
2/3/2024 12:23	13704 SCHN_T2	0	0	0	0	0	0	-0.94	-0.86	0	0	0	0	0
2/3/2024 12:23	60801 BUCK_T1	0	1	1	0	0.5	0.5	0	0	0	0	0	0	0
2/3/2024 12:24	53902 HALI_T2	2	3	1	0.15	0.27	0.12	0	0	0	0	0	0	0
2/3/2024 12:24	60803 BUCK_T1	4	4	2	0.3	0.3	0	-0.53	-0.52	0	0	0	0	0
2/3/2024 12:25	60801 BUCK_T1	0	1	1	0	0.5	0.5	0	0	0	0	0	0	0
2/3/2024 12:27	60801 BUCK_T1	0	1	1	0	0.5	0.5	-0.84	-0.86	0	0	0	0	0
2/3/2024 12:29	53902 HALI_T2	2	3	1	0.15	0.27	0.12	0	0	0	0	0	0	0
2/3/2024 12:29	52004 LING_T2	1	2	1	0.4	0.35	-0.05	0.22	0.22	0	0	0	0	0
2/3/2024 12:30	52002 LING_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
2/3/2024 12:35	44904 SCOT_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
2/3/2024 12:35	67204 TEHI_T2	1	1	0	0.5	0.6	0.1	0.12	0.09	0	0	0	0	0
2/3/2024 12:37	67401 WAKE_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
2/3/2024 12:39	67202 TEHI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
2/3/2024 12:44	64203 KINZ_T1	1	1	0	0.6	0.7	0.1	0	0	0	0	0	0	0
2/3/2024 12:45	64201 KINZ_T1	0	4	4	0	0.3	0.3	-0.51	-0.57	0	0	0	0	0
2/3/2024 12:45	64202 KINZ_T1	0	4	4	0	0.45	0.45	0	0	0	0	0	0	0
2/3/2024 12:46	59301 MCAL_T1	5	6	1	0.54	0.57	0.03	0	0	0	0	0	0	0
2/3/2024 12:49	65005 NEFF_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
2/3/2024 12:49	14402 SSLA_T1	1	0	-1	0.2	0	-0.2	0	0	0	0	0	0	0
2/3/2024 12:50	14402 SSLA_T1	1	0	-1	0.2	0	-0.2	0	0	0	0	0	0	0
2/3/2024 12:54	45802 HEGI_T2	0	1	1	0	0	0	0.83	0.69	0	0	0	0	0
2/3/2024 13:00	46803 HEPB_T2	1	1	0	0.2	0.2	0	0	0	0	0	0	0	0
2/3/2024 13:01	50503 MECH_T1	0	1	1	0	0	0	0	0	0	0	0	0	0
2/3/2024 13:01	46801 HEPB_T2	0	2	2	0	0.55	0.55	0.61	0.59	0	0	0	0	0
2/3/2024 13:03	66302 MCGO_T2	1	1	0	0.9	2.3	1.4	-0.86	-0.85	0	0	0	0	0
2/3/2024 13:05	65902 SAKR_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
2/3/2024 13:07	67503 WEWI_T2	0	0	0	0	0	0	-0.25	-0.28	0	0	0	0	0
2/3/2024 13:08	65904 SAKR_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
2/3/2024 13:08	60201 ATGL_T2	0	1	1	0	0.1	0.1	-0.14	-0.13	0	0	0	0	0
2/3/2024 13:15	26402 INOR_T1	16	97	81	0.26	0.24	-0.02	0	0	0	0	0	0	0
2/3/2024 13:20	67203 TEHI_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
2/3/2024 13:26	65004 NEFF_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
2/3/2024 13:31	45802 HEGI_T2	0	0	0	0	0	0	1.48	1.32	0	0	0	0	0
2/3/2024 13:32	46803 HEPB_T2	1	0	-1	0.2	0	-0.2	0	0	0	0	0	0	0
2/3/2024 13:36	67501 WEWI_T1	0	0	0	0	0	0	-1.63	-1.56	0	0	0	0	0
2/3/2024 13:36	67402 WAKE_T2	0	0	0	0	0	0	-0.4	-0.44	0	0	0	0	0
2/3/2024 13:37	54205 PENN_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
2/3/2024 13:37	54204 PENN_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
2/3/2024 13:40	67504 WEWI_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
2/3/2024 13:41	67401 WAKE_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
2/3/2024 13:51	67401 WAKE_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
2/3/2024 13:52	14403 SSLA_T1	1	1	0	0.3	0.1	-0.2	0.52	0.61	0	0	0	0	0
2/3/2024 13:53	14404 SSLA_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
2/3/2024 13:53	16102 BING_T2	5	5	0	0.34	0.62	0.28	0	0	0	0	0	0	0
2/3/2024 13:53	60701 BREC_T1	5	38	33	0.52	0.22	-0.3	-0.59	-0.6	0	0	0	0	0
2/3/2024 13:55	60701 BREC_T1	5	38	33	0.52	0.22	-0.3	-0.6	-0.55	0	0	0	0	0
2/3/2024 13:57	67401 WAKE_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
2/3/2024 13:57	17803 GILB_T2	12	22	10	0.21	0.25	0.04	0	0	0	0	0	0	0
2/3/2024 13:58	26402 INOR_T1	95	141	46	0.25	0.31	0.06	-1.08	-1.06	0	0	0	0	0
2/3/2024 13:58	17802 GILB_T1	0	1	1	0	0.1	0.1	0.39	0.42	0	0	0	0	0
2/3/2024 13:59	17804 GILB_T2	1	1	0	0.2	0.8	0.6	-0.54	-0.55	0	0	0	0	0
2/3/2024 14:00	17801 GILB_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
2/3/2024 14:03	42203 SHEN_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
2/3/2024 14:03	46801 HEPB_T2	2	1	-1	0.65	0.3	-0.35	0.59	0.56	0	0	0	0	0
2/3/2024 14:04	46702 RENO_T1	98	111	13	0.23	0.26	0.03	-0.14	-0.14	0	0	0	0	0
2/3/2024 14:04	44903 SCOT_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
2/3/2024 14:04	49803 UNIV_T1	4	5	1	0.1	0.1	0	-1.14	-1.12	0	0	0	0	0
2/3/2024 14:05	51002 NHAR_T1	1	1	0	1.8	1.9	0.1	0	0	0	0	0	0	0
2/3/2024 14:06	67605 WARW_T1	3	10	7	0.17	0.22	0.05	-0.96	-0.99	0	0	0	0	0
2/3/2024 14:07	67402 WAKE_T2	0	0	0	0	0	0	-0.88	-0.81	0	0	0	0	0
2/3/2024 14:08	49803 UNIV_T1	4	5	1	0.1	0.1	0	0	0	0	0	0	0	0
2/3/2024 14:08	67204 TEHI_T2	1	1	0	0.7	0.5	-0.2	0.07	0.08	0	0	0	0	0
2/3/2024 14:08	43001 ALWD_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
2/3/2024 14:09	60901 DONG_T2	1	1	0	0.1	0.1	0	0	0	0	0	0	0	0
2/3/2024 14:10	67204 TEHI_T2	1	1	0	0.7	0.5	-0.2	0.08	0.07	0	0	0	0	0
2/3/2024 14:12	67402 WAKE_T2	0	0	0	0	0	0	-0.41	-0.41	0	0	0	0	0
2/3/2024 14:12	60801 BUCK_T1	1	2	1	0.4	0.3	-0.1	-0.92	-0.89	0	0	0	0	0
2/3/2024 14:13	40101 HUNT_T2	0	0	0	0	0	0	-1.15	-1.2	0	0	0	0	0
2/3/2024 14:13	46803 HEPB_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
2/3/2024 14:13	63804 HEMP_T1	1	1	0	5.8	5.9	0.1	0	0	0	0	0	0	0
2/3/2024 14:14	53902 HALI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
2/3/2024 14:14	25503 MADI_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
2/3/2024 14:14	26402 INOR_T1	106	136	30	0.28	0.31	0.03	-1.06	-1.04	0	0	0	0	0
2/3/2024 14:14	28803 LAKE_T1	0	1	1	0	0.2	0.2	0	0	0	0	0	0	0
2/3/2024 14:14	46803 HEPB_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
2/3/2024 14:15	46803 HEPB_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
2/3/2024 14:15	53901 HALI_T2	17	70	53	0.18	0.23	0.05	0	0	0	0	0	0	0
2/3/2024 14:15	28803 LAKE_T1	0	1	1	0	0.2	0.2	0	0	0	0	0	0	0
2/3/2024 14:16	53902 HALI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
2/3/2024 14:17	43202 MVIL_T2	0	0	0	0	0	0	-1.4	-1.36	0	0	0	0	0
2/3/2024 14:17	43201 MVIL_T2	0	0	0	0	0	0	-0.39	-0.39	0	0	0	0	0
2/3/2024 14:17	13302 ORVI_T2	4	4	0	0.7	0.68	-0.02	1.34	1.29	0	0	0	0	0
2/3/2024 14:18	58402 MORO_T1	0	0	0	0	0	0	-0.55	-0.57	0	0	0	0	0
2/3/2024 14:18	46702 RENO_T1	111	1	-110	0.26	0.2	-0.06	-0.14	-0.14	0	0	0	0	0
2/3/2024 14:18	64101 REFR_T1	2	2	0	0.3	0.9	0.6	0.18	0.16	0	0	0	0	0
2/3/2024 14:19	66505 SMAN_T2	2	3	1	0.1	0.83	0.73	0	0	0	0	0	0	0
2/3/2024 14:19	42204 SHEN_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
2/3/2024 14:19	58401 MORO_T1	1	0	-1	0.1	0	-0.1	0	0	0	0	0	0	0
2/3/2024 14:19	43201 MVIL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
2/3/2024 14:19	46701 RENO_T1	178	22	-156	0.38	0.52	0.14	0	0	0	0	0	0	0
2/3/2024 14:19	64101 REFR_T1	2	2	0	0.3	0.9	0.6	0.18	0.16	0	0	0	0	0
2/3/2024 14:20	44904 SCOT_T1	1	0	-1	0.1	0	-0.1	-0.15	-0.15	0	0	0	0	0
2/3/2024 14:20	64101 REFR_T1	2	2	0	0.3	0.9	0.6	0.09	0.08	0	0	0	0	0
2/3/2024 14:20	49803 UNIV_T1	0	5	5	0	0.1	0.1	-1.12	-1.13	0	0	0	0	0
2/3/2024 14:20	58401 MORO_T1	1	0	-1	0.1	0	-0.1	0	0	0	0	0	0	0
2/3/2024 14:21	57404 SPAN_T2	0	0	0	0	0	0	-0.72	-0.82	0	0	0	0	0
2/3/2024 14:21	57401 SPAN_T1	4	4	0	0.55	0.58	0.03	-1.16	-1.16	0	0	0	0	0
2/3/2024 14:21	57403 SPAN_T1	3	3	0	0.37	0.37	0	0.04	0.05	0	0	0	0	0
2/3/2024 14:21	67502 WEWI_T2	2	1	-1	0.6	0.8	0.2	-1.46	-1.51	0	0	0	0	0
2/3/2024 14:21	64101 REFR_T1	2	2	0	0.3	0.9	0.6	0.18	0.16	0	0	0	0	0
2/3/2024 14:21	26401 INOR_T1	24	33	9	0.23	0.27	0.04	0	0	0	0	0	0	0
2/3/2024 14:22	66505 SMAN_T2	2	3	1	0.1	0.83	0.73	0	0	0	0	0	0	0
2/3/2024 14:22	57403 SPAN_T1	3	3	0	0.37	0.37	0	0	0	0	0	0	0	0
2/3/2024 14:22	67402 WAKE_T2	0	0	0	0	0	0	-0.41	-0.41	0	0	0	0	0
2/3/2024 14:22	67504 WEWI_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
2/3/2024 14:22	60803 BUCK_T1	1	2	1	0.3	0.2	-0.1	0	0	0	0	0	0	0
2/3/2024 14:23	43001 ALWD_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
2/3/2024 14:23	67402 WAKE_T2	0	0	0	0	0	0	-0.41	-0.41	0	0	0	0	0
2/3/2024 14:23	57403 SPAN_T1	3	3	0	0.37	0.37	0	0.11	0.14	0	0	0	0	0
2/3/2024 14:23	57403 SPAN_T1	3	3	0	0.37	0.37	0	0.11	0.14	0	0	0	0	0
2/3/2024 14:23	67502 WEWI_T2	2	1	-1	0.6	0.8	0.2	-1.46	-1.51	0	0	0	0	0
2/3/2024 14:23	27503 WEIS_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
2/3/2024 14:24	67504 WEWI_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
2/3/2024 14:24	27503 WEIS_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
2/3/2024 14:24	57403 SPAN_T1	3	3	0	0.37	0.37	0	0	0	0	0	0	0	0
2/3/2024 14:24	67502 WEWI_T2	2	1	-1	0.6	0.8	0.2	-1.51	-1.52	0	0	0	0	0
2/3/2024 14:24	60803 BUCK_T1	1	2	1	0.3	0.2	-0.1	-0.52	-0.55	0	0	0	0	0
2/3/2024 14:24	64101 REFR_T1	2	2	0	0.3	0.9	0.6	0.08	0.13	0	0	0	0	0
2/3/2024 14:24	67202 TEHI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
2/3/2024 14:24	24902 WHHA_T1	0	1	1	0	0	0	0.43	0.42	0	0	0	0	0
2/3/2024 14:24	60701 BREC_T1	5	4	-1	0.42	0.4	-0.02	-0.57	-0.55	0	0	0	0	0
2/3/2024 14:25	67204 TEHI_T2	1	1	0	0.5	0.4	-0.1	0.07	0.07	0	0	0	0	0
2/3/2024 14:25	57403 SPAN_T1	3	3	0	0.37	0.37	0	0	0	0	0	0	0	0
2/3/2024 14:25	53901 HALI_T2	17	70	53	0.18	0.23	0.05	0	0	0	0	0	0	0
2/3/2024 14:25	28601 BLYT_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
2/3/2024 14:25	60803 BUCK_T1	1	2	1	0.3	0.2	-0.1	-0.52	-0.55	0	0	0	0	0
2/3/2024 14:25	67503 WEWI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
2/3/2024 14:25	60904 DONG_T2	1	1	0	0.3	0.4	0.1	0	0	0	0	0	0	0
2/3/2024 14:25	60701 BREC_T1	5	4	-1	0.42	0.4	-0.02	-0.57	-0.55	0	0	0	0	0
2/3/2024 14:26	17805 GILB_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
2/3/2024 14:26	60803 BUCK_T1	1	2	1	0.3	0.2	-0.1	-0.52	-0.55	0	0	0	0	0
2/3/2024 14:26	57403 SPAN_T1	3	3	0	0.37	0.37	0	0	0	0	0	0	0	0
2/3/2024 14:27	60701 BREC_T1	5	4	-1	0.42	0.4	-0.02	-0.57	-0.55	0	0	0	0	0
2/3/2024 14:28	41801 GOCI_T2	0	1	1	0	0.1	0.1	0	0	0	0	0	0	0
2/3/2024 14:28	67401 WAKE_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
2/3/2024 14:29	52002 LING_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
2/3/2024 14:29	63804 HEMP_T1	1	1	0	5.9	5.8	-0.1	0	0	0	0	0	0	0
2/3/2024 14:29	46803 HEPB_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
2/3/2024 14:29	40101 HUNT_T2	0	0	0	0	0	0	-1.8	-1.8	0	0	0	0	0
2/3/2024 14:30	41802 GOCI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
2/3/2024 14:30	26402 INOR_T1	84	125	41	0.3	0.31	0.01	-1.04	-1.07	0	0	0	0	0
2/3/2024 14:30	53903 HALI_T2	2	4	2	0.6	1.03	0.43	-0.14	-0.14	0	0	0	0	0
2/3/2024 14:30	46801 HEPB_T2	1	2	1	0.2	0.4	0.2	1.1	1.16	0	0	0	0	0
2/3/2024 14:31	53903 HALI_T2	2	4	2	0.6	1.03	0.43	-0.14	-0.14	0	0	0	0	0
2/3/2024 14:31	26401 INOR_T1	30	35	5	0.27	0.29	0.02	0	0	0	0	0	0	0
2/3/2024 14:32	60604 NCOL_T2	0	0	0	0	0	0	0.32	0.33	0	0	0	0	0
2/3/2024 14:32	53902 HALI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
2/3/2024 14:32	47402 PENS_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
2/3/2024 14:32	43201 MVIL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
2/3/2024 14:33	43202 MVIL_T2	0	0	0	0	0	0	-0.68	-0.7	0	0	0	0	0
2/3/2024 14:33	47403 PENS_T1	8	5	-3	0.35	0.38	0.03	0	0	0	0	0	0	0
2/3/2024 14:33	13302 ORVI_T2	3	3	0	0.7	0.8	0.1	3.88	3.58	0	0	0	0	0
2/3/2024 14:33	43201 MVIL_T2	0	0	0	0	0	0	-0.39	-0.39	0	0	0	0	0
2/3/2024 14:34	58402 MORO_T1	0	0	0	0	0	0	-0.57	-0.55	0	0	0	0	0
2/3/2024 14:34	60603 NCOL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
2/3/2024 14:34	56501 ROCK_T2	17	73	56	0.25	0.19	-0.06	0	0	0	0	0	0	0
2/3/2024 14:34	13302 ORVI_T2	3	3	0	0.7	0.8	0.1	1.29	1.19	0	0	0	0	0
2/3/2024 14:34	47403 PENS_T1	8	5	-3	0.35	0.38	0.03	0	0	0	0	0	0	0
2/3/2024 14:34	65004 NEFF_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
2/3/2024 14:34	66301 MCGO_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
2/3/2024 14:34	64101 REFR_T1	2	1	-1	0.9	0.9	0	0.32	0.53	0	0	0	0	0
2/3/2024 14:35	46702 RENO_T1	1	1	0	0.2	0.1	-0.1	-0.14	-0.15	0	0	0	0	0
2/3/2024 14:35	66503 SMAN_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
2/3/2024 14:35	53903 HALI_T2	2	4	2	0.6	1.03	0.43	-0.14	-0.14	0	0	0	0	0
2/3/2024 14:35	57401 SPAN_T1	4	4	0	0.53	0.68	0.15	-1.16	-1.19	0	0	0	0	0
2/3/2024 14:35	42204 SHEN_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
2/3/2024 14:35	16103 BING_T2	1	0	-1	0.2	0	-0.2	0	0	0	0	0	0	0
2/3/2024 14:

2/3/2024 14:40	60803 BUCK_T1	2	1	-1	0.2	0.1	-0.1	-0.55	-0.54	0	0	0	0	0	0
2/3/2024 14:40	67503 WEWI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/3/2024 14:40	42701 AUGU_T1	1	0	-1	0.6	0	-0.6	0	0	0	0	0	0	0	0
2/3/2024 14:40	49804 UNIV_T1	1	1	0	0.3	0.3	0	0.41	0.46	0	0	0	0	0	0
2/3/2024 14:40	28602 BLYT_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/3/2024 14:40	64101 REFR_T1	2	1	-1	0.9	0.9	0	0.13	0.1	0	0	0	0	0	0
2/3/2024 14:41	60803 BUCK_T1	2	1	-1	0.2	0.1	-0.1	-1.1	-1.08	0	0	0	0	0	0
2/3/2024 14:41	45501 DERR_T2	2	2	0	0.4	0.2	-0.2	-0.94	-0.95	0	0	0	0	0	0
2/3/2024 14:42	67503 WEWI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/3/2024 14:42	45502 DERR_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/3/2024 14:42	60201 ATGL_T2	0	0	0	0	0	0	-0.12	-0.15	0	0	0	0	0	0
2/3/2024 14:44	66301 MCGO_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/3/2024 14:44	67401 WAKE_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/3/2024 14:44	26802 JAFR_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/3/2024 14:44	61306 EARL_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/3/2024 14:45	46801 HEPB_T2	1	2	1	0.2	0.5	0.3	0.58	0.58	0	0	0	0	0	0
2/3/2024 14:45	42901 MIDD_T2	313	354	41	0.42	0.43	0.01	0	0	0	0	0	0	0	0
2/3/2024 14:45	63803 HEMP_T1	361	1	-360	0.37	0.1	-0.27	0.48	0.43	0	0	0	0	0	0
2/3/2024 14:45	53902 HALI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/3/2024 14:45	64203 KINZ_T1	0	0	0	0	0	0	0.14	0.11	0	0	0	0	0	0
2/3/2024 14:46	64801 MONE_T2	1	3	2	0.8	0.3	-0.5	-0.4	-0.37	0	0	0	0	0	0
2/3/2024 14:46	58401 MORO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/3/2024 14:46	26402 INOR_T1	123	68	-55	0.3	0.29	-0.01	-1.07	-1.03	0	0	0	0	0	0
2/3/2024 14:46	53903 HALI_T2	1	5	4	1.2	0.92	-0.28	-0.14	-0.14	0	0	0	0	0	0
2/3/2024 14:46	63804 HEMP_T1	1	1	0	5.8	6.7	0.9	0	0	0	0	0	0	0	0
2/3/2024 14:46	46803 HEPB_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/3/2024 14:47	46803 HEPB_T2	0	0	0	0	0	0	0.46	0.47	0	0	0	0	0	0
2/3/2024 14:47	26401 INOR_T1	32	33	1	0.26	0.3	0.04	0	0	0	0	0	0	0	0
2/3/2024 14:47	53902 HALI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/3/2024 14:47	55002 NEWP_T1	7	7	0	0.64	0.7	0.06	-0.25	-0.26	0	0	0	0	0	0
2/3/2024 14:47	46801 HEPB_T2	1	2	1	0.2	0.5	0.3	0.58	0.58	0	0	0	0	0	0
2/3/2024 14:48	56504 ROCK_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/3/2024 14:48	13302 ORVI_T2	3	3	0	0.8	0.6	-0.2	1.19	1.19	0	0	0	0	0	0
2/3/2024 14:48	63802 HEMP_T1	1	0	-1	0.2	0	-0.2	0	0	0	0	0	0	0	0
2/3/2024 14:48	43201 MVIL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/3/2024 14:49	58402 MORO_T1	0	0	0	0	0	0	-0.55	-0.54	0	0	0	0	0	0
2/3/2024 14:49	56504 ROCK_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/3/2024 14:49	43202 MVIL_T2	0	0	0	0	0	0	-0.7	-0.7	0	0	0	0	0	0
2/3/2024 14:49	43202 MVIL_T2	0	0	0	0	0	0	-0.7	-0.7	0	0	0	0	0	0
2/3/2024 14:50	55001 NEWP_T1	1	0	-1	0.1	0	-0.1	0	0	0	0	0	0	0	0
2/3/2024 14:50	56504 ROCK_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/3/2024 14:51	56503 ROCK_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/3/2024 14:51	55002 NEWP_T1	7	7	0	0.64	0.7	0.06	-0.25	-0.26	0	0	0	0	0	0
2/3/2024 14:51	65904 SAKR_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/3/2024 14:51	43202 MVIL_T2	0	0	0	0	0	0	-0.7	-0.7	0	0	0	0	0	0
2/3/2024 14:52	57401 SPAN_T1	2	4	2	0.95	0.58	-0.37	0	0	0	0	0	0	0	0
2/3/2024 14:52	63802 HEMP_T1	1	0	-1	0.2	0	-0.2	0	0	0	0	0	0	0	0
2/3/2024 14:54	24901 WHHA_T1	1	1	0	0.5	0.7	0.2	0	0	0	0	0	0	0	0
2/3/2024 14:54	56504 ROCK_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/3/2024 14:54	27502 WEIS_T2	0	0	0	0	0	0	-0.58	-0.58	0	0	0	0	0	0
2/3/2024 14:55	67401 WAKE_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/3/2024 14:55	27503 WEIS_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/3/2024 14:56	53902 HALI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/3/2024 14:56	45501 DERR_T2	2	3	1	0.2	0.1	-0.1	-0.95	-0.98	0	0	0	0	0	0
2/3/2024 14:56	65003 NEFF_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/3/2024 14:56	41801 GOCI_T2	1	0	-1	0.1	0	-0.1	0	0	0	0	0	0	0	0
2/3/2024 14:58	45502 DERR_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/3/2024 15:00	67402 WAKE_T2	0	0	0	0	0	0	-0.43	-0.42	0	0	0	0	0	0
2/3/2024 15:02	47001 HUGH_T2	0	0	0	0	0	0	-1.84	-1.84	0	0	0	0	0	0
2/3/2024 15:04	41802 GOCI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/3/2024 15:04	47001 HUGH_T2	0	0	0	0	0	0	-1.84	-1.84	0	0	0	0	0	0
2/3/2024 15:04	56501 ROCK_T2	68	64	-4	0.19	0.19	0	-1.6	-1.64	0	0	0	0	0	0
2/3/2024 15:05	66701 STRA_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/3/2024 15:07	67502 WEWI_T2	1	2	1	0.5	0.2	-0.3	0	0	0	0	0	0	0	0
2/3/2024 15:08	60603 NCOL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/3/2024 15:09	56504 ROCK_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/3/2024 15:10	60602 NCOL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/3/2024 15:10	55001 NEWP_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/3/2024 15:10	60604 NCOL_T2	0	0	0	0	0	0	0.31	0.26	0	0	0	0	0	0
2/3/2024 15:10	67401 WAKE_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/3/2024 15:11	17801 GILB_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/3/2024 15:12	17802 GILB_T1	4	2	-2	0.73	0.45	-0.28	0.01	0.03	0	0	0	0	0	0
2/3/2024 15:12	10805 CHHI_T2	1	1	0	7.4	7.1	-0.3	-0.69	-0.71	0	0	0	0	0	0
2/3/2024 15:14	40101 HUNT_T2	0	0	0	0	0	0	-0.63	-0.63	0	0	0	0	0	0
2/3/2024 15:15	26402 INOR_T1	29	32	3	0.29	0.33	0.04	0	0	0	0	0	0	0	0
2/3/2024 15:15	67402 WAKE_T2	0	0	0	0	0	0	-0.42	-0.45	0	0	0	0	0	0
2/3/2024 15:15	40101 HUNT_T2	0	0	0	0	0	0	-0.63	-0.63	0	0	0	0	0	0
2/3/2024 15:16	40101 HUNT_T2	0	0	0	0	0	0	-0.63	-0.63	0	0	0	0	0	0
2/3/2024 15:17	26401 INOR_T1	8	14	6	0.24	0.24	0	0.25	0.23	0	0	0	0	0	0
2/3/2024 15:18	64101 REFR_T1	0	1	1	0	1.2	1.2	0.1	0.13	0	0	0	0	0	0
2/3/2024 15:19	44901 SCOT_T2	0	0	0	0	0	0	-0.44	-0.72	0	0	0	0	0	0
2/3/2024 15:19	17801 GILB_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/3/2024 15:20	64101 REFR_T1	0	1	1	0	1.2	1.2	0.2	0.26	0	0	0	0	0	0
2/3/2024 15:21	67402 WAKE_T2	0	0	0	0	0	0	-0.42	-0.45	0	0	0	0	0	0
2/3/2024 15:21	55002 NEWP_T1	6	4	-2	0.37	0.53	0.16	-0.25	-0.22	0	0	0	0	0	0
2/3/2024 15:21	64101 REFR_T1	0	1	1	0	1.2	1.2	0.1	0.13	0	0	0	0	0	0
2/3/2024 15:22	64101 REFR_T1	0	1	1	0	1.2	1.2	0.1	0.13	0	0	0	0	0	0
2/3/2024 15:24	64101 REFR_T1	0	1	1	0	1.2	1.2	0.26	0.22	0	0	0	0	0	0
2/3/2024 15:26	64101 REFR_T1	0	1	1	0	1.2	1.2	0.13	0.11	0	0	0	0	0	0
2/3/2024 15:26	67402 WAKE_T2	0	0	0	0	0	0	-0.45	-0.42	0	0	0	0	0	0
2/3/2024 15:26	56802 BENV_T2	1	2	1	0.3	0.4	0.1	-4.41	-4.47	0	0	0	0	0	0
2/3/2024 15:29	17804 GILB_T2	0	0	0	0	0	0	-0.57	-0.55	0	0	0	0	0	0
2/3/2024 15:31	65003 NEFF_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/3/2024 15:33	13501 MCNR_T1	0	0	0	0	0	0	-0.1	-0.1	0	0	0	0	0	0
2/3/2024 15:33	47402 PENS_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/3/2024 15:35	47402 PENS_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/3/2024 15:36	67401 WAKE_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/3/2024 15:36	67601 WARW_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/3/2024 15:36	47402 PENS_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/3/2024 15:37	55001 NEWP_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/3/2024 15:37	64101 REFR_T1	1	1	0	0.2	1.2	1	0.13	0.11	0	0	0	0	0	0
2/3/2024 15:39	67601 WARW_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/3/2024 15:42	67401 WAKE_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/3/2024 15:47	55001 NEWP_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/3/2024 15:50	43103 SMIL_T2	2	1	-1	0.15	0.1	-0.05	0	0	0	0	0	0	0	0
2/3/2024 15:51	43301 WATS_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/3/2024 15:51	67502 WEWI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/3/2024 15:51	43104 SMIL_T2	0	0	0	0	0	0	-0.8	-0.79	0	0	0	0	0	0
2/3/2024 15:52	67402 WAKE_T2	0	0	0	0	0	0	-0.42	-0.42	0	0	0	0	0	0
2/3/2024 15:53	64101 REFR_T1	1	0	-1	1.2	0	-1.2	0.11	0.13	0	0	0	0	0	0
2/3/2024 15:53	67503 WEWI_T2	0	1	1	0	0	0	-0.31	-0.29	0	0	0	0	0	0
2/3/2024 15:55	46201 DANV_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/3/2024 15:56	46201 DANV_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/3/2024 15:57	67401 WAKE_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/3/2024 16:02	58402 MORO_T1	0	0	0	0	0	0	-0.51	-0.54	0	0	0	0	0	0
2/3/2024 16:03	65901 SAKR_T2	1	1	0	8.3	8.1	-0.2	-1.34	-1.31	0	0	0	0	0	0
2/3/2024 16:03	55001 NEWP_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/3/2024 16:03	64101 REFR_T1	0	1	1	0	0.2	0.2	0.13	0.12	0	0	0	0	0	0
2/3/2024 16:06	65904 SAKR_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/3/2024 16:08	65001 NEFF_T2	0	0	0	0	0	0	-1.19	-1.27	0	0	0	0	0	0
2/3/2024 16:24	67401 WAKE_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/3/2024 16:29	65002 NEFF_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/3/2024 16:29	67402 WAKE_T2	0	0	0	0	0	0	-0.42	-0.42	0	0	0	0	0	0
2/3/2024 16:55	67401 WAKE_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/3/2024 17:00	67401 WAKE_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/3/2024 17:06	67401 WAKE_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/3/2024 17:09	45502 DERR_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/3/2024 17:11	67401 WAKE_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/3/2024 17:24	49804 UNIV_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/3/2024 17:25	40502 CRES_T2	0	0	0	0	0	0	-0.32	-0.25	0	0	0	0	0	0
2/3/2024 17:35	14401 SSLA_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/3/2024 17:37	65004 NEFF_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/3/2024 17:37	14403 SSLA_T1	10	10	0	0	0	0	0.74	0.73	0	0	0	0	0	0
2/3/2024 17:47	53901 HALI_T2	94	114	20	0.33	0.35	0.02	-1.43	-1.4	0	0	0	0	0	0
2/3/2024 17:50	43106 SMIL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/3/2024 18:29	65004 NEFF_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/3/2024 18:56	59402 RFLD_T2	0	0	0	0	0	0	-0.79	-0.78	0	0	0	0	0	0
2/3/2024 19:19	26402 INOR_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/3/2024 19:22	26401 INOR_T1	0	1	1	0	0.1	0.1	0	0	0	0	0	0	0	0
2/3/2024 19:22	65005 NEFF_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/3/2024 19:23	26401 INOR_T1	0	1	1	0	0.1	0.1	0.43	0.45	0	0	0	0	0	0
2/3/2024 19:24	27102 GFLD_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/3/2024 19:25	47002 HUGH_T2	0	2	2	0	0	0	0	0	0	0	0	0	0	0
2/3/2024 19:25	48302 ORWI_T2	2	2	0	0.7	0.75	0.05	-0.64	-0.62	0	0	0	0	0	0
2/3/2024 19:25	16103 BING_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/3/2024 19:26	16302 ALPA_T2	0	0	0	0	0	0	0.54	0.52	0	0	0	0	0	0
2/3/2024 19:26	44902 SCOT_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/3/2024 19:26	26402 INOR_T1	0	0	0	0	0	0	-1.08	-1.09	0	0	0	0	0	0
2/3/2024 19:26	25404 LAHA_T2	0	3	3	0	0.1	0.1	0	0	0	0	0	0	0	0
2/3/2024 19:26	16406 MOPO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/3/2024 19:26	29402 BELT_T1	1	2	1	9.3	4.8	-4.5	0	0	0	0	0	0	0	0
2/3/2024 19:26	27502 WEIS_T2	0	0	0	0	0	0	-0.53	-0.53	0	0	0	0	0	0
2/3/2024 19:27	29402 BELT_T1	1	2	1	9.3	4.8	-4.5	0	0	0	0	0	0	0	0
2/3/2024 19:27	24902 WHHA_T1	0	0	0	0	0	0	0.47	0.48	0	0	0	0	0	0
2/3/2024 19:27	10805 CHHI_T2	7	7	0	2.61	2.73	0.12	-0.58	-0.61	0	0	0	0	0	0
2/3/2024 19:27	13302 ORVI_T2	8	11	3	0.14	0.24	0.1	1.53	1.43	0	0	0	0	0	0
2/3/2024 19:28	67503 WEWI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/3/2024 19:28	60701 BREC_T1	0	0	0	0	0	0	-0.48	-0.5	0	0	0	0	0	0
2/3/2024 19:28	16302 ALPA_T2	0	0	0	0	0	0	1.08	1.04	0	0	0	0	0	0
2/3/2024 19:29	66503 SMAN_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/3/2024 19:29	17801 GILB_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/3/2024 19:29	46204 DANV_T2	5	14	9	0.32	0.5	0.18	0	0	0	0	0	0	0	0
2/3/2024 19:29	40101 HUNT_T2	27	15	-12	0.38	0.55	0.17	-0.53	-0.54	0	0	0	0	0	0
2/3/2024 19:29	20402 ASHF_T2	4	4	0	0.4	0.3	-0.1	0	0	0	0	0	0	0	0
2/3/2024 19:29	29401 BELT_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/3/2024 19:30	47401 PENS_T1	0	0	0	0	0	0	0.63	0.65	0	0	0	0	0	0
2/3/2024 19:30	46202 DANV_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/3/2024 19:30	16302 ALPA_T2	0	0	0	0	0	0	0.54	0.52	0	0	0	0	0	0
2/3/2024 19:30	17802 GILB_T1	0	0	0	0	0	0	0.4	0.36	0	0	0	0	0	0
2/3/2024 19:30	44901 SCOT_T2	0	0	0	0	0	0	-0.57	-0.6	0	0	0	0	0	0
2/3/2024 19:30	49803 UNIV_T1	0	0	0	0	0	0	-1.11	-1.07	0	0	0	0	0	0
2/3/2024 19:30	53902 HALI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/3/2024 19:30	25501 MADI_T1	2	2	0	0.35	0	-0.35	0.42	0.4	0	0	0	0	0	0
2/3/2024 19:30	48302 ORWI_T2	2	2	0	0.7	0.8	0.1	-0.64	-0.62	0	0	0	0	0	0
2/3/2024 19:30	26802 JAFR_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/3/2024 19:30	44601 SALE_T2	0	0	0	0	0	0	-0.15	-0.14	0	0	0	0	0	0
2/3/2024 19:30	10805 CHHI_T2	7	3	-4	2.9	7.9	5	-0.58	-0.61	0	0	0	0	0	0
2/3/2024 19:31	52502 PROG_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/3/2024 19:31	40603 PIGR_T1	0	0	0	0	0	0	0.34	0.35	0	0	0	0	0	0
2/3/2024 19:31	40603 PIGR_T1	0	0	0	0	0	0	0.34	0.35	0	0	0	0	0	0
2/3/2024 19:31	42902 MIDD_T2	21	23	2	0.34	0.19	-0.15	-1.12	-1.22	0	0	0	0	0	0
2/3/2024 19:31	15001 BLMO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/3/2024

2/3/2024 19:33	46205 DANV_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/3/2024 19:33	56802 BENV_T2	0	0	0	0	0	0	-4.2	-4.14	0	0	0	0	0	0
2/3/2024 19:33	64202 KINZ_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/3/2024 19:33	65903 SAAR_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/3/2024 19:33	60803 BUCK_T1	0	0	0	0	0	0	-1.17	-1.17	0	0	0	0	0	0
2/3/2024 19:33	65005 NEFF_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/3/2024 19:33	67502 WEWI_T2	0	0	0	0	0	0	-1.54	-1.5	0	0	0	0	0	0
2/3/2024 19:33	52002 LING_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/3/2024 19:33	60701 BREC_T1	0	0	0	0	0	0	-0.48	-0.5	0	0	0	0	0	0
2/3/2024 19:33	16402 MOPO_T1	1	3	2	0.1	0	-0.1	-0.07	-0.07	0	0	0	0	0	0
2/3/2024 19:33	10801 CHHI_T1	1	1	0	0.3	0.3	0	-0.85	-0.88	0	0	0	0	0	0
2/3/2024 19:33	15001 BLMO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/3/2024 19:34	56501 ROCK_T2	2	2	0	2.45	2.25	-0.2	0	0	0	0	0	0	0	0
2/3/2024 19:34	45501 DERR_T2	1	1	0	0	0	0	-0.69	-0.73	0	0	0	0	0	0
2/3/2024 19:34	60102 COCA_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/3/2024 19:34	56802 BENV_T2	0	0	0	0	0	0	-1.4	-1.38	0	0	0	0	0	0
2/3/2024 19:35	46201 DANV_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/3/2024 19:35	41202 MVIL_T2	0	0	0	0	0	0	-0.68	-0.64	0	0	0	0	0	0
2/3/2024 19:35	67503 WEWI_T2	0	0	0	0	0	0	-0.22	-0.24	0	0	0	0	0	0
2/3/2024 19:35	45502 DERR_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/3/2024 19:35	60801 BUCK_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/3/2024 19:35	44905 SCOT_T1	0	2	2	0	0.1	0.1	0	0	0	0	0	0	0	0
2/3/2024 19:35	44302 BEAV_T2	43	81	38	0.27	0.32	0.05	0	0	0	0	0	0	0	0
2/3/2024 19:35	40903 JESH_T1	0	0	0	0	0	0	-1.46	-1.44	0	0	0	0	0	0
2/3/2024 19:35	64101 REFR_T1	0	0	0	0	0	0	-0.04	-0.05	0	0	0	0	0	0
2/3/2024 19:35	56504 ROCK_T2	0	0	0	0	0	0	-0.04	-0.03	0	0	0	0	0	0
2/3/2024 19:35	53602 DALM_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/3/2024 19:35	67502 WEWI_T2	0	0	0	0	0	0	-1.54	-1.5	0	0	0	0	0	0
2/3/2024 19:35	56503 ROCK_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/3/2024 19:36	61305 EARL_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/3/2024 19:36	10805 CHHI_T2	7	3	-4	2.9	7.9	5	-0.58	-0.61	0	0	0	0	0	0
2/3/2024 19:36	65904 SAAR_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/3/2024 19:36	16302 ALPA_T2	0	0	0	0	0	0	0.54	0.52	0	0	0	0	0	0
2/3/2024 19:36	47403 PENS_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/3/2024 19:36	59101 WALK_T2	0	0	0	0	0	0	0.91	0.96	0	0	0	0	0	0
2/3/2024 19:36	56501 ROCK_T2	2	2	0	2.45	2.25	-0.2	-1.49	-1.5	0	0	0	0	0	0
2/3/2024 19:36	56802 BENV_T2	0	0	0	0	0	0	-1.4	-1.38	0	0	0	0	0	0
2/3/2024 19:36	46801 HEPB_T2	0	0	0	0	0	0	0.6	0.6	0	0	0	0	0	0
2/3/2024 19:36	43001 ALWD_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/3/2024 19:36	46801 HEPB_T2	0	0	0	0	0	0	0.6	0.6	0	0	0	0	0	0
2/3/2024 19:36	58402 MORO_T1	0	0	0	0	0	0	-0.53	-0.52	0	0	0	0	0	0
2/3/2024 19:36	64802 MONE_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/3/2024 19:36	55002 NEWP_T1	1	3	2	0.1	0.2	0.1	-0.22	-0.24	0	0	0	0	0	0
2/3/2024 19:36	46206 DANV_T2	6	6	0	0.35	1	0.65	5.02	5.08	0	0	0	0	0	0
2/3/2024 19:36	45502 DERR_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/3/2024 19:36	17803 GILB_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/3/2024 19:36	42902 MIDD_T2	21	23	2	0.34	0.19	-0.15	-0.56	-0.61	0	0	0	0	0	0
2/3/2024 19:36	43301 WATS_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/3/2024 19:36	64101 REFR_T1	0	0	0	0	0	0	-0.04	-0.05	0	0	0	0	0	0
2/3/2024 19:36	17802 GILB_T1	0	0	0	0	0	0	0.2	0.18	0	0	0	0	0	0
2/3/2024 19:36	43202 MVIL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/3/2024 19:36	44301 BEAV_T2	1	2	1	0.2	0.4	0.2	-0.8	-0.8	0	0	0	0	0	0
2/3/2024 19:36	15001 BLMO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/3/2024 19:36	46201 DANV_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/3/2024 19:36	45703 LIND_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/3/2024 19:36	64402 LAND_T2	0	0	0	0	0	0	-0.7	-0.68	0	0	0	0	0	0
2/3/2024 19:36	57403 SPAN_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/3/2024 19:37	53903 HALI_T2	2	2	0	0.6	0.85	0.25	-0.24	-0.23	0	0	0	0	0	0
2/3/2024 19:37	52503 PROG_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/3/2024 19:37	55002 NEWP_T1	1	3	2	0.1	0.2	0.1	-0.22	-0.24	0	0	0	0	0	0
2/3/2024 19:37	56503 ROCK_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/3/2024 19:37	43303 WATS_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/3/2024 19:37	46205 DANV_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/3/2024 19:37	67401 WAKE_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/3/2024 19:37	67505 WEWI_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/3/2024 19:37	41802 GOCI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/3/2024 19:37	64101 REFR_T1	0	0	0	0	0	0	-0.04	-0.05	0	0	0	0	0	0
2/3/2024 19:37	56503 ROCK_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/3/2024 19:37	43303 WATS_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/3/2024 19:37	20403 ASHF_T2	1	0	-1	0.4	0	-0.4	0.46	0.43	0	0	0	0	0	0
2/3/2024 19:37	66903 SHIL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/3/2024 19:37	45802 HEGI_T2	0	0	0	0	0	0	0.52	0.55	0	0	0	0	0	0
2/3/2024 19:37	67503 WEWI_T2	0	0	0	0	0	0	-0.22	-0.24	0	0	0	0	0	0
2/3/2024 19:37	42701 AUGU_T1	1	1	0	0.1	0.2	0.1	0	0	0	0	0	0	0	0
2/3/2024 19:37	43401 BENT_T1	1	1	0	0.3	0.2	-0.1	0	0	0	0	0	0	0	0
2/3/2024 19:38	57402 SPAN_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/3/2024 19:38	46701 RENO_T1	1	20	19	8	0.54	-7.46	0	0	0	0	0	0	0	0
2/3/2024 19:38	43104 SMIL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/3/2024 19:38	46203 DANV_T2	1	0	-1	0.1	0	-0.1	-1.76	-1.74	0	0	0	0	0	0
2/3/2024 19:38	59101 WALK_T2	0	0	0	0	0	0	0.91	0.96	0	0	0	0	0	0
2/3/2024 19:38	60605 NCOL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/3/2024 19:38	51108 CARL_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/3/2024 19:38	57403 SPAN_T1	0	0	0	0	0	0	0.22	0.24	0	0	0	0	0	0
2/3/2024 19:38	46005 BERW_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/3/2024 19:38	57401 SPAN_T1	0	0	0	0	0	0	-1.54	-1.64	0	0	0	0	0	0
2/3/2024 19:38	45502 DERR_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/3/2024 19:38	42903 MIDD_T2	2	2	0	1.55	1.75	0.2	0	0	0	0	0	0	0	0
2/3/2024 19:38	40603 PIGR_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/3/2024 19:38	56503 ROCK_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/3/2024 19:38	56501 ROCK_T2	2	2	0	2.45	2.25	-0.2	-2.99	-3.01	0	0	0	0	0	0
2/3/2024 19:38	42201 SHEN_T2	0	0	0	0	0	0	0	-0.01	0	0	0	0	0	0
2/3/2024 19:38	60201 ATGL_T2	0	0	0	0	0	0	0	0.04	0	0	0	0	0	0
2/3/2024 19:39	67502 WEWI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/3/2024 19:39	57401 SPAN_T1	0	0	0	0	0	0	-0.82	-0.78	0	0	0	0	0	0
2/3/2024 19:39	56802 BENV_T2	0	0	0	0	0	0	-1.38	-1.37	0	0	0	0	0	0
2/3/2024 19:39	13704 SCHN_T2	0	0	0	0	0	0	-0.89	-0.89	0	0	0	0	0	0
2/3/2024 19:40	56501 ROCK_T2	2	2	0	2.45	2.25	-0.2	0	0	0	0	0	0	0	0
2/3/2024 19:40	42903 MIDD_T2	2	2	0	1.55	1.75	0.2	-0.02	0	0	0	0	0	0	0
2/3/2024 19:40	43104 SMIL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/3/2024 19:40	47402 PENS_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/3/2024 19:40	57402 SPAN_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/3/2024 19:40	20402 ASHF_T2	2	4	2	0.35	0	-0.35	0	0	0	0	0	0	0	0
2/3/2024 19:40	46801 HEPB_T2	0	0	0	0	0	0	0.6	0.61	0	0	0	0	0	0
2/3/2024 19:40	67602 WARW_T2	1	1	0	0	0	0	-0.01	-0.01	0	0	0	0	0	0
2/3/2024 19:40	46206 DANV_T2	6	6	0	0.35	1	0.65	2.54	2.45	0	0	0	0	0	0
2/3/2024 19:40	66301 MCGD_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/3/2024 19:40	45402 WBLO_T2	2	1	-1	1	0	-1	-1.63	-1.6	0	0	0	0	0	0
2/3/2024 19:40	41903 REED_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/3/2024 19:40	60701 BREC_T1	0	0	0	0	0	0	-0.5	-0.49	0	0	0	0	0	0
2/3/2024 19:41	57403 SPAN_T1	0	0	0	0	0	0	0.12	0.11	0	0	0	0	0	0
2/3/2024 19:41	43301 WATS_T2	0	0	0	0	0	0	-0.7	-0.73	0	0	0	0	0	0
2/3/2024 19:41	43102 SMIL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/3/2024 19:41	43202 MVIL_T2	0	0	0	0	0	0	-0.64	-0.66	0	0	0	0	0	0
2/3/2024 19:41	42903 MIDD_T2	2	2	0	1.55	1.75	0.2	0	0	0	0	0	0	0	0
2/3/2024 19:41	67502 WEWI_T2	0	0	0	0	0	0	-1.5	-1.53	0	0	0	0	0	0
2/3/2024 19:41	60604 NCOL_T2	0	0	0	0	0	0	0.32	0.27	0	0	0	0	0	0
2/3/2024 19:41	40101 HUNT_T2	8	9	1	0.36	0	-0.36	-0.54	-0.5	0	0	0	0	0	0
2/3/2024 19:41	55001 NEWP_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/3/2024 19:41	64101 REFR_T1	0	0	0	0	0	0	-0.1	-0.05	0	0	0	0	0	0
2/3/2024 19:41	54001 SDLE_T1	1	1	0	0.5	0.6	0.1	0	0	0	0	0	0	0	0
2/3/2024 19:42	51102 CARL_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/3/2024 19:42	56503 ROCK_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/3/2024 19:42	66301 MCGD_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/3/2024 19:42	45802 HEGI_T2	0	0	0	0	0	0	0.55	0.54	0	0	0	0	0	0
2/3/2024 19:42	40601 PIGR_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/3/2024 19:42	52504 PROG_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/3/2024 19:42	43303 WATS_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/3/2024 19:42	43103 SMIL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/3/2024 19:42	44302 BEAV_T2	43	81	38	0.27	0.32	0.05	0	0	0	0	0	0	0	0
2/3/2024 19:42	41802 GOCI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/3/2024 19:42	40101 HUNT_T2	8	9	1	0.36	0	-0.36	-0.54	-0.5	0	0	0	0	0	0
2/3/2024 19:42	40501 CRES_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/3/2024 19:42	47403 PENS_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/3/2024 19:42	64101 REFR_T1	0	0	0	0	0	0	-0.05	-0.03	0	0	0	0	0	0
2/3/2024 19:42	46005 BERW_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/3/2024 19:42	46702 RENO_T1	0	2	2	0	0.15	0.15	-0.12	-0.12	0	0	0	0	0	0
2/3/2024 19:43	46206 DANV_T2	6	6	0	0.35	1	0.65	0	0	0	0	0	0	0	0
2/3/2024 19:43	56501 ROCK_T2	2	2	0	2.45	2.25	-0.2	-1.5	-1.5	0	0	0	0	0	0
2/3/2024 19:43	41903 REED_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/3/2024 19:43	57301 MOAL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/3/2024 19:43	49803 UNIV_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/3/2024 19:43	53901 HALI_T2	32	59	27	0.19	0.2	0.01	0	0	0	0	0	0	0	0
2/3/2024 19:43	66701 STRA_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/3/2024 19:43	63804 HEMP_T1	1	1	0	5.9	5.8	-0.1	0	0	0	0	0	0	0	0
2/3/2024 19:43	57401 SPAN_T1	0	0	0	0	0	0	-0.82	-0.78	0	0	0	0	0	0
2/3/2024 19:43	58401 MORO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/3/2024 19:43	55002 NEWP_T1	1	3	2	0.1	0.2	0.1	-0.24	-0.22	0	0	0	0	0	0
2/3/2024 19:43	43302 WATS_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/3/2024 19:43	59101 WALK_T2	0	0	0	0	0	0	0.96	0.87	0	0	0	0	0	0
2/3/2024 19:43	56802 BENV_T2	0	0	0	0	0	0	-1.38	-1.37	0	0	0	0	0	0
2/3/2024 19:43	64101 REFR_T1	0	0	0	0	0	0	-0.05	-0.03	0	0	0	0	0	0
2/3/2024 19:43	15001 BLMO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/3/2024 19:43	42903 MIDD_T2	2	2	0	1.55	1.75	0.2	-0.01	0	0	0	0	0	0	0
2/3/2024 19:43	45402 WBLO_T2	2	1	-1	1	0	-1	-1.63	-1.6	0	0	0	0	0	0
2/3/2024 19:44	67901 WNHO_T2	0	10	10	0	0.13	0.13	-0.52	-0.65	0	0	0	0	0	0
2/3/2024 19:44	64101 REFR_T1	0	0	0	0	0	0	-0.05	-0.03	0	0	0	0	0	0
2/3/2024 19:44	59101 WALK_T2	0	0	0	0	0	0	0.96	0.87	0	0	0	0	0	0
2/3/2024 19:44	56802 BENV_T2	0	0	0	0	0	0	-2.76	-2.74	0	0	0	0	0	0
2/3/2024 19:46	43301 WATS_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/3/2024 19:46	58401 MORO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/3/2024 19:46	67605 WARW_T1	0	0	0	0	0	0	-1.08	-1.12	0	0	0	0	0	0
2/3/2024 19:46	57403 SPAN_T1	0	0	0	0	0	0	0.12	0.11	0	0	0	0	0	0
2/3/2024 19:46	17805 GILB_T2	0	0	0	0	0	0	-0.87	-0.9	0	0	0	0	0	0
2/3/2024 19:47	56503 ROCK_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/3/2024 19:47	45501 DERR_T2	1	1	0	0	0	0	-0.73	-0.72	0	0	0	0	0	0
2/3/2024 19:47	60903 DONG_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/3/2024 19:47	40101 HUNT_T2	9	4	-5	0.44	0	-0.44	-0.54	-0.5	0	0	0	0	0	0
2/3/2024 19:49	17803 GILB_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/3/2024 19:49	53903 HALI_T2	2	2	0	0.85	0.85	0	-0.23	-0.24	0	0	0	0	0	0
2/3/2024 19:54	13502 MCMI_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/3/2024 20:04	65004 NEFF_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/3/2024 20:07	40903 JESH_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/3/2024 20:13	43202 MVIL_T2	0	0	0	0	0	0	-0.65	-0.66	0	0	0	0	0	0
2/3/2024 20:53	67503 WEWI_T2	0	0	0	0	0	0	-0.16	-0.21	0	0	0	0	0	0
2/3/2024 20:57	65002 NEFF_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/3/2024 20:59	49804 UNIV_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/3/2024 21:39	65005 NEFF_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/3/2024 22:10	65003 NEFF_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/3/2024 23:18	65002 NEFF_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/4/2024 0:32	65002 NEFF_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/4/2024 0:53	65005 NEFF_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/4/2024 1:51	65001 NEFF_T2	224	224	0	0.27	0.29	0.02	-1.43	-1.42	0	0	0	0	0	0
2/4/2024 4:07	65004 NEFF_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/4/2024 4:28	65001 NEFF_T2	0	0	0	0	0	0	-1.42	-1.46

2/4/2024 9:00	42901 MIDD_T2	58	62	4	0.2	0.17	-0.03	0	0	0	0	0	0	0
2/4/2024 9:00	67401 WAKE_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
2/4/2024 9:00	60701 BREC_T1	0	0	0	0	0	0	-0.47	-0.47	0	0	0	0	0
2/4/2024 9:00	59101 WALK_T2	0	0	0	0	0	0	0.61	0.68	0	0	0	0	0
2/4/2024 9:00	46002 BERW_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
2/4/2024 9:00	43303 WATS_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
2/4/2024 9:00	45902 AUBU_T1	1	1	0	0.7	1.6	0.9	-0.75	-0.84	0	0	0	0	0
2/4/2024 9:00	27503 WEIS_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
2/4/2024 9:00	44201 POIN_T1	0	0	0	0	0	0	-2.39	-2.52	0	0	0	0	0
2/4/2024 9:00	43001 ALWD_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
2/4/2024 9:00	57401 SPAN_T1	0	0	0	0	0	0	-1.06	-1.06	0	0	0	0	0
2/4/2024 9:01	60701 BREC_T1	0	0	0	0	0	0	-0.47	-0.47	0	0	0	0	0
2/4/2024 9:01	53901 HAU_T2	153	155	2	0.81	0.86	0.05	0	0	0	0	0	0	0
2/4/2024 9:01	55002 NEWP_T1	5	7	2	0.48	0.66	0.18	-0.15	-0.12	0	0	0	0	0
2/4/2024 9:01	46005 BERW_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
2/4/2024 9:02	56802 BENV_T2	0	0	0	0	0	0	-2.7	-2.84	0	0	0	0	0
2/4/2024 9:06	42301 MOWR_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
2/4/2024 9:07	41903 REED_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
2/4/2024 9:07	58402 MORO_T1	0	0	0	0	0	0	-0.3	-0.36	0	0	0	0	0
2/4/2024 9:07	67502 WEWI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
2/4/2024 9:08	24803 VALM_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
2/4/2024 9:09	46201 DANV_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
2/4/2024 9:09	67503 WEWI_T2	0	0	0	0	0	0	0	-0.04	0	0	0	0	0
2/4/2024 9:10	67603 WARW_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
2/4/2024 9:10	46203 DANV_T2	6	18	12	0.2	0.31	0.11	-3.36	-3.44	0	0	0	0	0
2/4/2024 9:10	59101 WALK_T2	0	0	0	0	0	0	0.68	0.67	0	0	0	0	0
2/4/2024 9:11	46204 DANV_T2	37	10	-27	0.27	0.7	0.43	0	0	0	0	0	0	0
2/4/2024 9:11	46001 BERW_T1	0	0	0	0	0	0	0.65	0.63	0	0	0	0	0
2/4/2024 9:11	41801 GOCI_T2	4	33	29	0.23	0.18	-0.05	0	0	0	0	0	0	0
2/4/2024 9:11	46004 BERW_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
2/4/2024 9:12	46201 DANV_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
2/4/2024 9:12	20402 ASHF_T2	1	1	0	0.2	0.1	-0.1	0	0	0	0	0	0	0
2/4/2024 9:12	62604 ENGL_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
2/4/2024 9:15	41802 GOCI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
2/4/2024 9:16	25402 LAHA_T2	1	1	0	0.4	0.1	-0.3	-0.37	-0.35	0	0	0	0	0
2/4/2024 9:17	53901 HAU_T2	143	160	17	0.59	0.85	0.26	-1.38	-1.39	0	0	0	0	0
2/4/2024 9:17	55001 NEWP_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
2/4/2024 9:17	13503 MCMI_T2	4	8	4	0.4	0.27	-0.13	0.25	0.24	0	0	0	0	0
2/4/2024 9:19	13704 SCHN_T2	0	0	0	0	0	0	-0.85	-0.86	0	0	0	0	0
2/4/2024 9:22	44302 BEAV_T2	67	125	58	0.26	0.43	0.17	0	0	0	0	0	0	0
2/4/2024 9:22	29402 BELT_T1	1	2	1	8.2	4.35	-3.85	0	0	0	0	0	0	0
2/4/2024 9:22	13704 SCHN_T2	0	0	0	0	0	0	-0.85	-0.86	0	0	0	0	0
2/4/2024 9:24	44302 BEAV_T2	67	125	58	0.26	0.43	0.17	0	0	0	0	0	0	0
2/4/2024 9:27	28604 BLYT_T2	0	0	0	0	0	0	-1.4	-1.41	0	0	0	0	0
2/4/2024 9:33	56504 ROCK_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
2/4/2024 9:35	56504 ROCK_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
2/4/2024 9:36	42204 SHEN_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
2/4/2024 9:36	56504 ROCK_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
2/4/2024 9:37	56504 ROCK_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
2/4/2024 9:37	43401 BENT_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
2/4/2024 9:38	56501 ROCK_T2	165	284	119	0.29	0.37	0.08	-2.05	-2.11	0	0	0	0	0
2/4/2024 9:38	60701 BREC_T1	0	5	5	0	0.26	0.26	-0.49	-0.51	0	0	0	0	0
2/4/2024 9:39	45501 DERR_T2	2	2	0	0.2	0.2	0	-0.94	-0.84	0	0	0	0	0
2/4/2024 9:40	60701 BREC_T1	0	5	5	0	0.26	0.26	-0.51	-0.5	0	0	0	0	0
2/4/2024 9:42	45502 DERR_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
2/4/2024 9:45	53901 HAU_T2	155	163	8	0.76	0.77	0.01	0	0	0	0	0	0	0
2/4/2024 9:46	43201 MVIL_T2	0	1	1	0	0.2	0.2	0	0	0	0	0	0	0
2/4/2024 9:46	58402 MORO_T1	0	0	0	0	0	0	-0.34	-0.37	0	0	0	0	0
2/4/2024 9:47	47402 PENS_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
2/4/2024 9:47	43201 MVIL_T2	0	1	1	0	0.2	0.2	0	0	0	0	0	0	0
2/4/2024 9:48	43201 MVIL_T2	0	1	1	0	0.2	0.2	0	0	0	0	0	0	0
2/4/2024 9:48	53901 HAU_T2	155	163	8	0.76	0.77	0.01	0	0	0	0	0	0	0
2/4/2024 9:49	56503 ROCK_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
2/4/2024 9:49	47401 PENS_T1	0	0	0	0	0	0	0.79	0.8	0	0	0	0	0
2/4/2024 9:49	41903 REED_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
2/4/2024 9:50	66502 SMAN_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
2/4/2024 9:50	41903 REED_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
2/4/2024 9:51	54205 PENN_T1	19	0	-19	0.13	0	-0.13	0	0	0	0	0	0	0
2/4/2024 9:52	14403 SSLA_T1	0	1	1	0	0.2	0.2	0.83	0.8	0	0	0	0	0
2/4/2024 9:52	66502 SMAN_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
2/4/2024 9:52	60801 BUCK_T1	0	0	0	0	0	0	-0.85	-0.85	0	0	0	0	0
2/4/2024 9:52	29401 BELT_T1	0	3	3	0	0.1	0.1	0	0	0	0	0	0	0
2/4/2024 9:52	67402 WAKE_T2	0	0	0	0	0	0	-0.34	-0.37	0	0	0	0	0
2/4/2024 9:53	14402 SSLA_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
2/4/2024 9:54	56802 BENV_T2	1	2	1	0.2	0.15	-0.05	-1.42	-1.39	0	0	0	0	0
2/4/2024 9:54	67502 WEWI_T2	0	1	1	0	0.3	0.3	-1.34	-1.34	0	0	0	0	0
2/4/2024 9:55	56802 BENV_T2	1	2	1	0.2	0.15	-0.05	-1.42	-1.39	0	0	0	0	0
2/4/2024 9:57	56802 BENV_T2	1	2	1	0.2	0.15	-0.05	-1.42	-1.39	0	0	0	0	0
2/4/2024 9:58	56802 BENV_T2	1	2	1	0.2	0.15	-0.05	-1.42	-1.39	0	0	0	0	0
2/4/2024 9:59	42903 MIDD_T2	58	56	-2	1.86	2.76	0.9	-0.06	-0.1	0	0	0	0	0
2/4/2024 10:01	46101 MACI_T2	0	0	0	0	0	0	-0.45	-0.43	0	0	0	0	0
2/4/2024 10:01	57303 MOAL_T2	1	1	0	7	6.8	-0.2	0	0	0	0	0	0	0
2/4/2024 10:02	55001 NEWP_T1	1	5	4	0.2	0.42	0.22	0	0	0	0	0	0	0
2/4/2024 10:03	43202 MVIL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
2/4/2024 10:03	57403 SPAN_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
2/4/2024 10:03	55002 NEWP_T1	6	6	0	0.8	1.25	0.45	-0.16	-0.16	0	0	0	0	0
2/4/2024 10:04	13701 SCHN_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
2/4/2024 10:04	57403 SPAN_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
2/4/2024 10:04	43104 SMIL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
2/4/2024 10:04	52502 PROG_T2	0	0	0	0	0	0	-0.57	-0.58	0	0	0	0	0
2/4/2024 10:04	60603 NCOL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
2/4/2024 10:04	57303 MOAL_T2	1	1	0	7	6.8	-0.2	0	0	0	0	0	0	0
2/4/2024 10:05	52502 PROG_T2	0	0	0	0	0	0	-0.57	-0.58	0	0	0	0	0
2/4/2024 10:06	67202 TEHE_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
2/4/2024 10:07	46004 BERW_T2	0	0	0	0	0	0	-0.73	-0.72	0	0	0	0	0
2/4/2024 10:07	43106 SMIL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
2/4/2024 10:07	54001 SDLE_T1	4	1	-3	0.88	0.4	-0.48	0	0	0	0	0	0	0
2/4/2024 10:07	42701 AUGU_T1	0	1	1	0	0.1	0.1	0	0	0	0	0	0	0
2/4/2024 10:08	42701 AUGU_T1	0	1	1	0	0.1	0.1	0	0	0	0	0	0	0
2/4/2024 10:08	54001 SDLE_T1	4	1	-3	0.88	0.4	-0.48	0	0	0	0	0	0	0
2/4/2024 10:09	43105 SMIL_T2	2	3	1	0.25	0.23	-0.02	0	0	0	0	0	0	0
2/4/2024 10:09	67401 WAKE_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
2/4/2024 10:09	67204 TEHI_T2	1	0	-1	0.1	0	-0.1	-0.21	-0.23	0	0	0	0	0
2/4/2024 10:09	24901 WHHA_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
2/4/2024 10:10	44301 BEAV_T2	7	9	2	0.36	0.44	0.08	0	0	0	0	0	0	0
2/4/2024 10:13	53901 HAU_T2	155	170	15	0.64	0.96	0.32	-1.44	-1.45	0	0	0	0	0
2/4/2024 10:14	53903 HAU_T2	5	14	9	0.76	0.51	-0.25	-0.17	-0.23	0	0	0	0	0
2/4/2024 10:15	27102 GFLD_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
2/4/2024 10:15	53903 HAU_T2	11	12	1	0.53	0.58	0.05	-0.09	-0.11	0	0	0	0	0
2/4/2024 10:15	53903 HAU_T2	11	12	1	0.53	0.58	0.05	-0.09	-0.11	0	0	0	0	0
2/4/2024 10:15	67401 WAKE_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
2/4/2024 10:16	57403 SPAN_T1	0	1	1	0	0.1	0.1	0	0	0	0	0	0	0
2/4/2024 10:17	42901 MIDD_T2	190	226	36	0.27	0.32	0.05	0	0	0	0	0	0	0
2/4/2024 10:17	53901 HAU_T2	162	169	7	0.75	0.97	0.22	-4.31	-4.36	0	0	0	0	0
2/4/2024 10:18	52503 PROG_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
2/4/2024 10:18	57401 SPAN_T1	2	3	1	0.25	0.33	0.08	-1.1	-1.11	0	0	0	0	0
2/4/2024 10:19	52502 PROG_T2	0	1	1	0	0.2	0.2	-2.34	-2.4	0	0	0	0	0
2/4/2024 10:20	52502 PROG_T2	0	1	1	0	0.2	0.2	-1.17	-1.2	0	0	0	0	0
2/4/2024 10:20	55001 NEWP_T1	2	5	3	0.25	0.42	0.17	0	0	0	0	0	0	0
2/4/2024 10:20	58402 MORO_T1	0	0	0	0	0	0	-0.39	-0.36	0	0	0	0	0
2/4/2024 10:21	56503 ROCK_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
2/4/2024 10:21	52503 PROG_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
2/4/2024 10:22	56504 ROCK_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
2/4/2024 10:22	15001 BLMO_T1	3	3	0	0.43	0.5	0.07	0	0	0	0	0	0	0
2/4/2024 10:23	58401 MORO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
2/4/2024 10:23	52503 PROG_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
2/4/2024 10:24	15001 BLMO_T1	3	3	0	0.43	0.5	0.07	0	0	0	0	0	0	0
2/4/2024 10:25	65002 NEFF_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
2/4/2024 10:25	15001 BLMO_T1	3	3	0	0.43	0.5	0.07	0	0	0	0	0	0	0
2/4/2024 10:25	67401 WAKE_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
2/4/2024 10:25	56802 BENV_T2	1	2	1	0.2	0.3	0.1	-2.92	-2.82	0	0	0	0	0
2/4/2024 10:26	17802 GILB_T1	2	9	7	0.3	0.33	0.03	0.19	0.15	0	0	0	0	0
2/4/2024 10:26	56802 BENV_T2	1	2	1	0.2	0.3	0.1	-2.92	-2.82	0	0	0	0	0
2/4/2024 10:26	46201 DANV_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
2/4/2024 10:28	40103 HUNT_T2	53	73	20	0.58	0.68	0.1	-1.06	-1.07	0	0	0	0	0
2/4/2024 10:29	17802 GILB_T1	2	9	7	0.3	0.33	0.03	0.19	0.15	0	0	0	0	0
2/4/2024 10:30	67402 WAKE_T2	0	0	0	0	0	0	-0.37	-0.39	0	0	0	0	0
2/4/2024 10:30	13502 MCMI_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
2/4/2024 10:30	40101 HUNT_T2	71	31	-40	0.53	0.82	0.29	-0.53	-0.54	0	0	0	0	0
2/4/2024 10:31	16401 MOPO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
2/4/2024 10:33	16406 MOPO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
2/4/2024 10:33	63204 MGTN_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
2/4/2024 10:33	52503 PROG_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
2/4/2024 10:34	43301 WATS_T2	0	0	0	0	0	0	-0.74	-0.7	0	0	0	0	0
2/4/2024 10:34	52502 PROG_T2	0	1	1	0	0.2	0.2	-1.8	-1.67	0	0	0	0	0
2/4/2024 10:34	40603 PIGR_T1	3	3	0	0.23	0.13	-0.1	0	0	0	0	0	0	0
2/4/2024 10:34	56501 ROCK_T2	8	10	2	0.18	0.21	0.03	-1.48	-1.45	0	0	0	0	0
2/4/2024 10:35	40603 PIGR_T1	3	3	0	0.23	0.13	-0.1	0.36	0.38	0	0	0	0	0
2/4/2024 10:35	40602 PIGR_T1	0	2	1	0.6	0.4	-0.2	-2.61	-2.59	0	0	0	0	0
2/4/2024 10:35	43302 WATS_T2	0	1	1	0	0.1	0.1	0	0	0	0	0	0	0
2/4/2024 10:35	52503 PROG_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
2/4/2024 10:35	52501 PROG_T1	0	1	1	0	0.1	0.1	-0.03	0.02	0	0	0	0	0
2/4/2024 10:36	52504 PROG_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
2/4/2024 10:36	59102 WALK_T2	5	5	0	0.36	0.22	-0.14	0	0	0	0	0	0	0
2/4/2024 10:36	43302 WATS_T2	0	1	1	0	0.1	0.1	0	0	0	0	0	0	0
2/4/2024 10:36	55002 NEWP_T1	6	9	3	1.22	1.13	-0.09	-0.17	-0.16	0	0	0	0	0
2/4/2024 10:36	67402 WAKE_T2	0	0	0	0	0	0	-0.37	-0.39	0	0	0	0	0
2/4/2024 10:36	52502 PROG_T2	0	1	1	0	0.2	0.2	-1.2	-1.12	0	0	0	0	0
2/4/2024 10:37	56501 ROCK_T2	8	10	2	0.18	0.21	0.03	-1.48	-1.45	0	0	0	0	0
2/4/2024 10:37	52503 PROG_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
2/4/2024 10:38	59101 WALK_T2	0	1	1	0	0.1	0.1	0.73	0.75	0	0	0	0	0
2/4/2024 10:39	43303 WATS_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
2/4/2024 10:39	46201 DANV_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
2/4/2024 10:39	52504 PROG_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
2/4/2024 10:39	43001 ALWD_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
2/4/2024 10:40	67603 WARW_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
2/4/2024 10:40	15001 BLMO_T1	3	3	0	0.43	0.5	0.07	0	0	0	0	0	0	0
2/4/2024 10:41	67402 WAKE_T2	0	0	0	0	0	0	-0.39	-0.41	0	0	0	0	0
2/4/2024 10:43	46206 DANV_T2	13	13	0	2.88	3.11	0.23	0	0	0	0	0	0	0
2/4/2024 10:44	42903 MIDD_T2	53	59	6	3.01	2.94	-0.07	-0.1	-0.05	0	0	0	0	0
2/4/2024 10:45	63202 MGTN_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
2/4/2024 10:45	45703 LIND_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
2/4/2024 10:45	26402 INOR_T1	2	28	26	0.6	0.28	-0.32	0	0	0	0	0	0	0
2/4/2024 10:46	42903 MIDD_T2	56	65	9	2.9	2.7	-0.2	-0.1	-0.05	0	0	0	0	0
2/4/2024 10:46	64203 KINZ_T1	1	1	0	0.4	0.5	0.1	0.08	0.07	0	0	0	0	0
2/4/2024 10:46	42901 MIDD_T2	219	279	60	0.32	0.33	0.01	0	0	0	0	0	0	0
2/4/2024 10:46	55001 NEWP_T1	2	4	2	0.35	0.4	0.05	0	0	0	0	0	0	0
2/4/2024 10:47	42901 MIDD_T2	219	279	60	0.32	0.33	0.01	0	0	0	0	0	0	0
2/4/2024 10:48	47401 PENS_T1	9	19	10	0.34	0.35	0.01	1.76	1.78	0	0	0	0	0
2/4/2024 10:48	64101 REFR_T1	0	0	0	0	0	0	-0.01	-0.03	0	0	0	0	0
2/4/2024 10:49	51005 NHAR_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
2/4/2024 10:49	48303 ORWI_T2	0	1	1	0	0.3	0.3	0	0	0	0	0	0	0
2/4/2024 10:50	52503 PROG_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
2/4/2024 10:50	46702 RENO_T1	1	1	0	0.2	0.3	0.1	-0.13	-0.13	0	0	0	0	0
2/4/2024 10:50	52504 PROG_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
2/4/2024 10:50	47403 PENS_T1	5	6	1	0.24	0.35	0.11	0	0	0	0	0	0	0
2/4/2024 10:50	59202 THOM_T1	53	47	-6	0.3	0.33	0.03	0	0	0	0	0	0	0
2/4/2024 10:50	64101 REFR_T1	0	0	0	0	0	0	-0.01	-0.02	0	0	0	0	0
2/4/2024 10:51	59201 THOM_T1	11	10	-1	0.33	0.4	0.07	0	0	0	0	0	0	0
2/4/2024 10:51	47402 PENS_T1	1	1	0	0.4	0.1	-0.3	0	0

Appendix C - Grid Benefits Achieved in Each Instance of Active Management

2/4/2024 11:00	42903 MIDD_T2	59	69	10	2.93	2.51	-0.42	0	0	0	0	0	0	0	0
2/4/2024 11:00	26402 INOR_T1	16	37	21	0.29	0.44	0.15	-1.08	-1.05	0	0	0	0	0	0
2/4/2024 11:00	53903 HALI_T2	7	13	6	0.86	0.61	-0.25	0	0	0	0	0	0	0	0
2/4/2024 11:00	40101 HUNT_T2	20	19	-1	0.95	0.92	-0.03	-0.58	-0.57	0	0	0	0	0	0
2/4/2024 11:00	64801 MONE_T2	0	2	2	0	0.15	0.15	-0.33	-0.31	0	0	0	0	0	0
2/4/2024 11:01	40901 JESH_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/4/2024 11:01	46803 HEPB_T2	0	1	1	0	0.1	0.1	0	0	0	0	0	0	0	0
2/4/2024 11:01	64203 KINZ_T1	1	1	0	0.5	0.5	0	0.07	0.04	0	0	0	0	0	0
2/4/2024 11:01	42901 MIDD_T2	230	305	75	0.33	0.36	0.03	0	0	0	0	0	0	0	0
2/4/2024 11:01	40101 HUNT_T2	20	19	-1	0.95	0.92	-0.03	-1.73	-1.71	0	0	0	0	0	0
2/4/2024 11:02	52002 LNG_T2	1	1	0	0.3	0.5	0.2	0	0	0	0	0	0	0	0
2/4/2024 11:02	55001 NEWP_T1	4	3	-1	0.28	0.5	0.22	0	0	0	0	0	0	0	0
2/4/2024 11:02	53903 HALI_T2	7	13	6	0.86	0.61	-0.25	0	0	0	0	0	0	0	0
2/4/2024 11:02	57403 SPAN_T1	1	2	1	0.3	0.15	-0.15	0.13	0.13	0	0	0	0	0	0
2/4/2024 11:03	53903 HALI_T2	7	13	6	0.86	0.61	-0.25	0	0	0	0	0	0	0	0
2/4/2024 11:03	42901 MIDD_T2	230	305	75	0.33	0.36	0.03	0	0	0	0	0	0	0	0
2/4/2024 11:03	52503 PROG_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/4/2024 11:04	57401 SPAN_T1	2	4	2	0.45	0.4	-0.05	0	0	0	0	0	0	0	0
2/4/2024 11:05	49804 UNIV_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/4/2024 11:05	52502 PROG_T2	1	1	0	0.2	0.4	0.2	-2.34	-2.27	0	0	0	0	0	0
2/4/2024 11:05	48302 ORWI_T2	2	2	0	1.35	1.3	-0.05	-1.19	-1.16	0	0	0	0	0	0
2/4/2024 11:05	16102 BING_T2	1	4	3	0.4	0.25	-0.15	0	0	0	0	0	0	0	0
2/4/2024 11:06	67504 WEWI_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/4/2024 11:06	64802 MONE_T2	1	2	1	0.5	0.35	-0.15	0	0	0	0	0	0	0	0
2/4/2024 11:06	52503 PROG_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/4/2024 11:06	52501 PROG_T1	1	1	0	0.1	0.2	0.1	0.01	-0.03	0	0	0	0	0	0
2/4/2024 11:06	55105 WERT_T1	0	0	0	0	0	0	-0.67	-0.63	0	0	0	0	0	0
2/4/2024 11:07	67401 WAKE_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/4/2024 11:07	66703 STRA_T1	8	9	1	0.44	0.39	-0.05	-0.23	-0.24	0	0	0	0	0	0
2/4/2024 11:07	46702 RENO_T1	1	1	0	0.3	0.2	-0.1	-0.13	-0.05	0	0	0	0	0	0
2/4/2024 11:07	52502 PROG_T2	1	1	0	0.2	0.4	0.2	-1.76	-1.7	0	0	0	0	0	0
2/4/2024 11:07	43001 ALWD_T1	0	1	1	0	0.1	0.1	0	0	0	0	0	0	0	0
2/4/2024 11:07	67503 WEWI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/4/2024 11:08	49803 UNIV_T1	6	0	-6	0.12	0	-0.12	-1.05	-1.07	0	0	0	0	0	0
2/4/2024 11:08	42502 ALTA_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/4/2024 11:08	52503 PROG_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/4/2024 11:10	60801 BUCK_T1	2	2	0	0.15	0.3	0.15	0	0	0	0	0	0	0	0
2/4/2024 11:10	67502 WEWI_T2	6	8	2	0.38	0.41	0.03	-1.41	-1.34	0	0	0	0	0	0
2/4/2024 11:11	45501 DERR_T2	3	3	0	0.15	0.35	0.2	-0.92	-0.9	0	0	0	0	0	0
2/4/2024 11:12	67401 WAKE_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/4/2024 11:12	45502 DERR_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/4/2024 11:12	43001 ALWD_T1	0	1	1	0	0.1	0.1	0	0	0	0	0	0	0	0
2/4/2024 11:13	45501 DERR_T2	3	3	0	0.15	0.35	0.2	-0.92	-0.9	0	0	0	0	0	0
2/4/2024 11:13	60801 BUCK_T1	2	2	0	0.15	0.3	0.15	0	0	0	0	0	0	0	0
2/4/2024 11:14	53901 HALI_T2	140	168	28	0.58	0.76	0.18	-1.5	-1.46	0	0	0	0	0	0
2/4/2024 11:14	61801 EELI_T2	0	1	1	0	0.1	0.1	-0.7	-0.7	0	0	0	0	0	0
2/4/2024 11:15	63803 HEMP_T1	18	91	73	0.19	0.35	0.16	0	0	0	0	0	0	0	0
2/4/2024 11:15	53903 HALI_T2	10	14	4	0.7	0.61	-0.09	0	0	0	0	0	0	0	0
2/4/2024 11:16	53903 HALI_T2	10	14	4	0.7	0.61	-0.09	0	0	0	0	0	0	0	0
2/4/2024 11:16	42903 MIDD_T2	65	87	22	2.63	1.83	-0.8	0	0	0	0	0	0	0	0
2/4/2024 11:16	17801 GILB_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/4/2024 11:17	53902 HALI_T2	2	2	0	0.6	0.65	0.05	-0.83	-0.86	0	0	0	0	0	0
2/4/2024 11:17	57401 SPAN_T1	3	5	2	0.47	0.36	-0.11	-1.07	-1.09	0	0	0	0	0	0
2/4/2024 11:17	13503 MCMI_T2	13	7	-6	0.58	0.8	0.22	0.24	0.18	0	0	0	0	0	0
2/4/2024 11:18	57403 SPAN_T1	1	2	1	0.2	0.35	0.15	0	0	0	0	0	0	0	0
2/4/2024 11:18	42903 MIDD_T2	65	87	22	2.63	1.83	-0.8	0	0	0	0	0	0	0	0
2/4/2024 11:18	64101 REFR_T1	0	0	0	0	0	0	-0.03	-0.03	0	0	0	0	0	0
2/4/2024 11:18	53902 HALI_T2	2	2	0	0.6	0.65	0.05	0	0	0	0	0	0	0	0
2/4/2024 11:20	44905 SCOT_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/4/2024 11:20	44601 SALE_T2	1	1	0	0.1	0.1	0	-0.14	-0.13	0	0	0	0	0	0
2/4/2024 11:21	55001 NEWP_T1	3	1	-2	0.5	0.5	0	0	0	0	0	0	0	0	0
2/4/2024 11:22	46002 BERW_T2	1	1	0	0.2	0.1	-0.1	0	0	0	0	0	0	0	0
2/4/2024 11:22	67504 WEWI_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/4/2024 11:22	67603 WARW_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/4/2024 11:22	55002 NEWP_T1	9	9	0	1.08	0.82	-0.26	-0.19	-0.18	0	0	0	0	0	0
2/4/2024 11:23	46003 BERW_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/4/2024 11:23	67402 WAKE_T2	0	0	0	0	0	0	-0.42	-0.39	0	0	0	0	0	0
2/4/2024 11:24	45502 DERR_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/4/2024 11:25	45502 DERR_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/4/2024 11:26	45502 DERR_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/4/2024 11:27	26402 INOR_T1	28	39	11	0.27	0.46	0.19	0	0	0	0	0	0	0	0
2/4/2024 11:27	45502 DERR_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/4/2024 11:28	67402 WAKE_T2	0	0	0	0	0	0	-0.39	-0.4	0	0	0	0	0	0
2/4/2024 11:28	45501 DERR_T2	2	3	1	0.3	0.35	0.05	-1.79	-1.86	0	0	0	0	0	0
2/4/2024 11:29	26401 INOR_T1	7	22	15	0.24	0.27	0.03	0.33	0.29	0	0	0	0	0	0
2/4/2024 11:31	63803 HEMP_T1	74	140	66	0.24	0.36	0.12	0	0	0	0	0	0	0	0
2/4/2024 11:32	47403 PENS_T1	8	8	0	0.43	0.46	0.03	0	0	0	0	0	0	0	0
2/4/2024 11:32	57403 SPAN_T1	2	4	2	0.15	0.33	0.18	0.09	0.11	0	0	0	0	0	0
2/4/2024 11:33	47403 PENS_T1	8	8	0	0.43	0.46	0.03	0	0	0	0	0	0	0	0
2/4/2024 11:33	13503 MCMI_T2	4	6	2	0.4	0.8	0.4	0.18	0.17	0	0	0	0	0	0
2/4/2024 11:33	56503 ROCK_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/4/2024 11:33	13502 MCMI_T1	2	3	1	0.25	0.43	0.18	0	0	0	0	0	0	0	0
2/4/2024 11:34	56504 ROCK_T2	3	3	0	0.33	0.3	-0.03	-0.08	-0.18	0	0	0	0	0	0
2/4/2024 11:34	56503 ROCK_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/4/2024 11:35	59101 WALK_T2	0	0	0	0	0	0	1.43	1.46	0	0	0	0	0	0
2/4/2024 11:35	56503 ROCK_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/4/2024 11:36	51001 NHAR_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/4/2024 11:36	47401 PENS_T1	4	8	4	0.68	0.54	-0.14	0.95	0.95	0	0	0	0	0	0
2/4/2024 11:36	56504 ROCK_T2	3	3	0	0.33	0.3	-0.03	-0.08	-0.18	0	0	0	0	0	0
2/4/2024 11:36	49804 UNIV_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/4/2024 11:36	56504 ROCK_T2	3	3	0	0.33	0.3	-0.03	-0.08	-0.18	0	0	0	0	0	0
2/4/2024 11:36	43303 WATS_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/4/2024 11:36	67401 WAKE_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/4/2024 11:37	43301 WATS_T2	1	0	-1	0.1	0	-0.1	-0.71	-0.69	0	0	0	0	0	0
2/4/2024 11:37	59102 WALK_T2	4	4	0	0.33	0.43	0.1	0	0	0	0	0	0	0	0
2/4/2024 11:37	44302 BEAV_T2	325	303	-22	0.5	0.5	0	0	0	0	0	0	0	0	0
2/4/2024 11:37	43301 WATS_T2	1	0	-1	0.1	0	-0.1	-0.71	-0.69	0	0	0	0	0	0
2/4/2024 11:37	47401 PENS_T1	4	8	4	0.68	0.54	-0.14	0.95	0.95	0	0	0	0	0	0
2/4/2024 11:38	43304 WATS_T2	0	1	1	0	0	0	0	0	0	0	0	0	0	0
2/4/2024 11:38	56504 ROCK_T2	3	3	0	0.33	0.3	-0.03	0	0	0	0	0	0	0	0
2/4/2024 11:38	46002 BERW_T2	1	1	0	0.1	0.1	0	-1.42	-1.41	0	0	0	0	0	0
2/4/2024 11:38	56802 BENV_T2	1	42	41	0.2	0.6	0.4	-2.66	-2.72	0	0	0	0	0	0
2/4/2024 11:38	47403 PENS_T1	8	8	0	0.43	0.46	0.03	0	0	0	0	0	0	0	0
2/4/2024 11:38	46001 BERW_T1	0	0	0	0	0	0	1.23	1.22	0	0	0	0	0	0
2/4/2024 11:38	59102 WALK_T2	4	4	0	0.33	0.43	0.1	0	0	0	0	0	0	0	0
2/4/2024 11:39	67402 WAKE_T2	0	0	0	0	0	0	-0.4	-0.39	0	0	0	0	0	0
2/4/2024 11:39	65002 NEFF_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/4/2024 11:39	43301 WATS_T2	1	0	-1	0.1	0	-0.1	-0.69	-0.69	0	0	0	0	0	0
2/4/2024 11:39	43304 WATS_T2	0	1	1	0	0	0	-0.5	-0.5	0	0	0	0	0	0
2/4/2024 11:39	59101 WALK_T2	0	0	0	0	0	0	4.38	3.95	0	0	0	0	0	0
2/4/2024 11:39	56802 BENV_T2	1	42	41	0.2	0.6	0.4	-9.52	-9.6	0	0	0	0	0	0
2/4/2024 11:40	49804 UNIV_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/4/2024 11:40	56802 BENV_T2	1	42	41	0.2	0.6	0.4	-1.36	-1.37	0	0	0	0	0	0
2/4/2024 11:41	56501 ROCK_T2	18	35	17	0.2	0.16	-0.04	0	0	0	0	0	0	0	0
2/4/2024 11:41	44301 BEAV_T2	17	17	0	0.42	0.37	-0.05	-0.74	-0.78	0	0	0	0	0	0
2/4/2024 11:41	46003 BERW_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/4/2024 11:42	43303 WATS_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/4/2024 11:42	56802 BENV_T2	1	42	41	0.2	0.6	0.4	-2.72	-2.74	0	0	0	0	0	0
2/4/2024 11:42	56504 ROCK_T2	3	3	0	0.33	0.3	-0.03	0	0	0	0	0	0	0	0
2/4/2024 11:42	46002 BERW_T2	1	1	0	0.1	0.1	0	0	0	0	0	0	0	0	0
2/4/2024 11:42	17804 GILB_T2	1	0	-1	0.5	0	-0.5	-0.53	-0.54	0	0	0	0	0	0
2/4/2024 11:42	17802 GILB_T1	1	2	1	0.9	0.85	-0.05	0.59	0.6	0	0	0	0	0	0
2/4/2024 11:43	46803 HEPB_T2	1	0	-1	0.1	0	-0.1	0	0	0	0	0	0	0	0
2/4/2024 11:43	50201 HARR_T3	1	1	0	0.5	0.6	0.1	0	0	0	0	0	0	0	0
2/4/2024 11:43	17801 GILB_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/4/2024 11:43	56504 ROCK_T2	3	3	0	0.33	0.3	-0.03	0	0	0	0	0	0	0	0
2/4/2024 11:43	45802 HEGI_T2	0	0	0	0	0	0	1.58	1.53	0	0	0	0	0	0
2/4/2024 11:43	56802 BENV_T2	1	42	41	0.2	0.6	0.4	-2.72	-2.74	0	0	0	0	0	0
2/4/2024 11:44	50103 HARR_T3	2	3	1	0.7	0.37	-0.33	-1.01	-0.76	0	0	0	0	0	0
2/4/2024 11:44	13502 MCMI_T1	2	3	1	0.25	0.43	0.18	0	0	0	0	0	0	0	0
2/4/2024 11:44	67402 WAKE_T2	0	0	0	0	0	0	-0.4	-0.39	0	0	0	0	0	0
2/4/2024 11:45	53901 HALI_T2	140	143	3	0.52	0.56	0.04	-2.97	-2.95	0	0	0	0	0	0
2/4/2024 11:45	17801 GILB_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/4/2024 11:46	53902 HALI_T2	2	1	-1	0.4	0.6	0.2	0	0	0	0	0	0	0	0
2/4/2024 11:46	53903 HALI_T2	14	9	-5	0.56	0.69	0.13	-0.13	-0.12	0	0	0	0	0	0
2/4/2024 11:47	53903 HALI_T2	14	9	-5	0.56	0.69	0.13	0	0	0	0	0	0	0	0
2/4/2024 11:47	45704 LIND_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/4/2024 11:47	63804 HEMP_T1	1	1	0	6.2	6.1	-0.1	0	0	0	0	0	0	0	0
2/4/2024 11:48	65703 RVIL_T1	1	1	0	0.1	0.4	0.3	-1.23	-1.23	0	0	0	0	0	0
2/4/2024 11:48	64402 LAND_T2	3	6	3	0.53	0.5	-0.03	-0.63	-0.67	0	0	0	0	0	0
2/4/2024 11:48	66503 SMAN_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/4/2024 11:48	13901 SEID_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/4/2024 11:48	63205 MGTN_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/4/2024 11:48	52501 PROG_T1	1	2	1	0.1	0.35	0.25	-0.02	-0.02	0	0	0	0	0	0
2/4/2024 11:48	53901 HALI_T2	140	143	3	0.52	0.56	0.04	-1.48	-1.47	0	0	0	0	0	0
2/4/2024 11:48	52502 PROG_T2	2	2	0	0.2	0.35	0.15	-0.57	-0.6	0	0	0	0	0	0
2/4/2024 11:49	53902 HALI_T2	2	1	-1	0.4	0.6	0.2	-0.85	-0.19	0	0	0	0	0	0
2/4/2024 11:49	50502 MECH_T1	1	1	0	1.8	1.9	0.1	0	0	0	0	0	0	0	0
2/4/2024 11:49	52501 PROG_T1	1	2	1	0.1	0.35	0.25	-0.02	-0.02	0	0	0	0	0	0
2/4/2024 11:49	53901 HALI_T2	140	143	3	0.52	0.56	0.04	0	0	0	0	0	0	0	0
2/4/2024 11:49	52503 PROG_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/4/2024 11:50	52504 PROG_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/4/2024 11:50	53903 HALI_T2	14	9	-5	0.56	0.69	0.13	-0.13	-0.12	0	0	0	0	0	0
2/4/2024 11:50	52502 PROG_T2	2	2	0	0.2	0.35	0.15	-0.57	-0.6	0	0	0	0	0	0
2/4/2024 11:50	49803 UNIV_T1	1	1	0	0.1	0.5	0.4	-1.08	-1.1	0	0	0	0	0	0
2/4/2024 11:51	67401 WAKE_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/4/2024 11:51	52503 PROG_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/4/2024 11:51	66503 SMAN_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/4/2024 11:52	65701 RVIL_T1	1	0	-1	0.2	0	-0.2	0	0	0	0	0	0	0	0
2/4/2024 11:52	52501 PROG_T1	1	2	1	0.1	0.35	0.25	-0.02	-0.02	0	0	0	0	0	0
2/4/2024 11:52	67503 WEWI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/4/2024 11:52	40201 BEGA_T2	3	4	1	0.5	0.8	0.3	0	0	0	0	0	0	0	0
2/4/2024 11:52	52503 PROG_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/4/2024 11:52	43001 ALWD_T1	1	1	0	0.1	0.1	0	0	0	0	0	0	0	0	0
2/4/2024 11:53	67503 WEWI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/4/2024 11:53	52503 PROG_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/4/2024 11:53	60803 BUCK_T1	2	5	3	0.4	0.28	-0.12	0	0	0	0	0	0	0	0
2/4/2024 11:54	13905 SEID_T1	0	0	0	0	0	0	-0.92	-1.01	0	0	0	0	0	0
2/4/2024 11:54	67501 WEWI_T1	0	1	1	0	0.2	0.2	-1.21	-1.17	0	0	0	0	0	0
2/4/2024 11:54	67401 WAKE_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/4/2024 11:54	67503 WEWI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/4/2024 11:54	60803 BUCK_T1	2	5	3	0.4	0.28	-0.12	-0.54	-0.53	0	0	0	0	0	0
2/4/2024 11:54	43001 ALWD_T1	1	1	0	0.1	0.1	0	0	0	0	0	0	0	0	0
2/4/2024 11:54	52502 PROG_T2	2	2	0	0.2	0.35	0.15	-0.6	-0.6	0	0	0	0	0	0
2/4/2024 11:55	67502 WEWI_T2	9	44	35	0.49	0.28	-0.21	-1.36	-1.41	0	0	0	0	0	0
2/4/2024 11:55	40201 BEGA_T2	3	4	1	0.5	0.8	0.3	0	0	0	0	0	0	0	0
2/4/2024 11:55	60803 BUCK_T1	2	5	3	0.4	0.28	-0.12	-0.54	-0.53	0	0	0	0	0	0
2/4/2024 11:56	17802 GILB_T1	2	3	1	0.85	0.77	-0.08	0.3	0.25	0	0	0	0	0	0
2/4/2024 11:57	60803 BUCK_T1	2	5	3	0.4	0.28	-0.12	-0.54	-0.53	0	0	0	0	0

2/4/2024 12:30	45802 HEGI_T2	0	0	0	0	0	0	0.73	0.69	0	0	0	0	0	0
2/4/2024 12:30	26401 INOR_T1	23	8	-15	0.48	0.21	-0.27	0.31	0.32	0	0	0	0	0	0
2/4/2024 12:31	46801 HEPB_T2	0	1	1	0	0.2	0.2	0.64	0.65	0	0	0	0	0	0
2/4/2024 12:31	26401 INOR_T1	23	8	-15	0.48	0.21	-0.27	0.31	0.32	0	0	0	0	0	0
2/4/2024 12:31	45802 HEGI_T2	0	0	0	0	0	0	0.73	0.69	0	0	0	0	0	0
2/4/2024 12:36	58001 WCAR_T1	0	1	1	0	0.1	0.1	0	0	0	0	0	0	0	0
2/4/2024 12:37	57102 SPHI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/4/2024 12:37	58003 WCAR_T1	1	1	0	1.1	1.3	0.2	-0.11	-0.1	0	0	0	0	0	0
2/4/2024 12:42	65003 NEFF_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/4/2024 12:44	17804 GILB_T2	1	1	0	0.1	0.6	0.5	-0.55	-0.55	0	0	0	0	0	0
2/4/2024 12:45	46801 HEPB_T2	0	2	2	0	0.2	0.2	0.65	0.64	0	0	0	0	0	0
2/4/2024 12:49	54204 PENN_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/4/2024 12:52	16603 PONO_T2	0	0	0	0	0	0	0.17	0.16	0	0	0	0	0	0
2/4/2024 12:52	57102 SPHI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/4/2024 12:52	59101 WALK_T2	1	1	0	0.2	0.4	0.2	3.86	3.79	0	0	0	0	0	0
2/4/2024 12:53	59101 WALK_T2	1	1	0	0.2	0.4	0.2	1.29	1.26	0	0	0	0	0	0
2/4/2024 12:54	59101 WALK_T2	1	1	0	0.2	0.4	0.2	1.26	1.23	0	0	0	0	0	0
2/4/2024 12:55	59102 WALK_T2	5	8	3	0.34	0.53	0.19	0	0	0	0	0	0	0	0
2/4/2024 13:02	13503 MCMI_T2	0	0	0	0	0	0	0.07	0.12	0	0	0	0	0	0
2/4/2024 13:04	56504 ROCK_T2	0	3	3	0	0.33	0.33	-0.3	-0.41	0	0	0	0	0	0
2/4/2024 13:04	56504 ROCK_T2	0	3	3	0	0.33	0.33	-0.3	-0.41	0	0	0	0	0	0
2/4/2024 13:05	56503 ROCK_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/4/2024 13:06	14802 TREI_T2	1	1	0	0.5	0.7	0.2	0.76	0.72	0	0	0	0	0	0
2/4/2024 13:06	56504 ROCK_T2	0	3	3	0	0.33	0.33	0	0	0	0	0	0	0	0
2/4/2024 13:07	56501 ROCK_T2	17	79	62	0.27	0.19	-0.08	-1.54	-1.54	0	0	0	0	0	0
2/4/2024 13:07	14801 TREI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/4/2024 13:08	14802 TREI_T2	1	1	0	0.5	0.7	0.2	0.38	0.36	0	0	0	0	0	0
2/4/2024 13:08	56504 ROCK_T2	0	3	3	0	0.33	0.33	-0.3	-0.41	0	0	0	0	0	0
2/4/2024 13:08	29401 BELT_T1	2	13	11	0.15	0.14	-0.01	0	0	0	0	0	0	0	0
2/4/2024 13:08	56504 ROCK_T2	0	3	3	0	0.33	0.33	-0.3	-0.41	0	0	0	0	0	0
2/4/2024 13:09	29402 BELT_T1	6	12	6	1.95	1.12	-0.83	0	0	0	0	0	0	0	0
2/4/2024 13:09	67201 TEHI_T1	113	111	-2	1	1.14	0.14	-0.14	-0.15	0	0	0	0	0	0
2/4/2024 13:11	56504 ROCK_T2	0	3	3	0	0.33	0.33	0	0	0	0	0	0	0	0
2/4/2024 13:13	63803 HEMP_T1	260	281	21	0.33	0.32	-0.01	0	0	0	0	0	0	0	0
2/4/2024 13:15	42903 MIDD_T2	58	55	-3	0.39	0.4	0.01	0	0	0	0	0	0	0	0
2/4/2024 13:15	53901 HALI_T2	112	166	54	0.37	0.77	0.4	-1.46	-1.5	0	0	0	0	0	0
2/4/2024 13:15	50504 MECH_T1	1	1	0	0.2	0.2	0	0	0	0	0	0	0	0	0
2/4/2024 13:16	56504 ROCK_T2	1	3	2	0.2	0.33	0.13	0	0	0	0	0	0	0	0
2/4/2024 13:16	53901 HALI_T2	112	166	54	0.37	0.77	0.4	-2.92	-3.01	0	0	0	0	0	0
2/4/2024 13:18	66301 MCGO_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/4/2024 13:19	65001 NEFF_T2	5	1	-4	0.12	0.2	0.08	-1.35	-1.28	0	0	0	0	0	0
2/4/2024 13:19	13501 MCMI_T1	0	0	0	0	0	0	-0.08	-0.08	0	0	0	0	0	0
2/4/2024 13:19	53902 HALI_T2	2	2	0	0.45	0.5	0.05	0	0	0	0	0	0	0	0
2/4/2024 13:24	59201 THOM_T1	16	22	6	0.41	0.39	-0.02	0	0	0	0	0	0	0	0
2/4/2024 13:31	50501 MECH_T1	4	4	0	1.28	1.65	0.37	0	0	0	0	0	0	0	0
2/4/2024 13:34	51003 NHAR_T1	78	77	-1	0.21	0.25	0.04	0	0	0	0	0	0	0	0
2/4/2024 13:34	65004 NEFF_T2	0	1	1	0	0.1	0.1	0	0	0	0	0	0	0	0
2/4/2024 13:39	67402 WAKE_T2	0	0	0	0	0	0	0.18	0.16	0	0	0	0	0	0
2/4/2024 13:45	26401 INOR_T1	5	10	5	0.18	0.21	0.03	0.25	0.24	0	0	0	0	0	0
2/4/2024 13:45	67401 WAKE_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/4/2024 13:47	50506 MECH_T1	1	4	3	0.1	0.25	0.15	-0.33	-0.35	0	0	0	0	0	0
2/4/2024 13:47	60605 NCOL_T2	2	2	0	0.35	0.2	-0.15	0	0	0	0	0	0	0	0
2/4/2024 13:49	56504 ROCK_T2	1	0	-1	0.3	0	-0.3	0	0	0	0	0	0	0	0
2/4/2024 13:50	50506 MECH_T1	1	4	3	0.1	0.25	0.15	-0.33	-0.35	0	0	0	0	0	0
2/4/2024 13:50	56503 ROCK_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/4/2024 13:50	56501 ROCK_T2	79	104	25	0.22	0.26	0.04	-1.59	-1.6	0	0	0	0	0	0
2/4/2024 13:50	60603 NCOL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/4/2024 13:52	46002 BERW_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/4/2024 13:53	46002 BERW_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/4/2024 13:54	46002 BERW_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/4/2024 13:54	46001 BERW_T1	0	0	0	0	0	0	0.58	0.57	0	0	0	0	0	0
2/4/2024 13:55	65004 NEFF_T2	1	1	0	0.1	0.1	0	0	0	0	0	0	0	0	0
2/4/2024 13:55	46002 BERW_T2	0	0	0	0	0	0	-1.42	-1.41	0	0	0	0	0	0
2/4/2024 13:55	46001 BERW_T1	0	0	0	0	0	0	0.58	0.57	0	0	0	0	0	0
2/4/2024 13:55	67402 WAKE_T2	0	0	0	0	0	0	0.16	0.17	0	0	0	0	0	0
2/4/2024 13:59	26401 INOR_T1	5	10	5	0.18	0.21	0.03	0	0	0	0	0	0	0	0
2/4/2024 14:00	67401 WAKE_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/4/2024 14:04	50505 MECH_T1	1	1	0	0.4	0.3	-0.1	0	0	0	0	0	0	0	0
2/4/2024 14:05	27503 WEIS_T2	0	1	1	0	0	0	0	0	0	0	0	0	0	0
2/4/2024 14:06	67402 WAKE_T2	0	0	0	0	0	0	0.16	0.17	0	0	0	0	0	0
2/4/2024 14:06	59202 THOM_T1	293	216	-77	0.3	0.27	-0.03	0	0	0	0	0	0	0	0
2/4/2024 14:06	60602 NCOL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/4/2024 14:07	56504 ROCK_T2	0	0	0	0	0	0	-0.44	-0.42	0	0	0	0	0	0
2/4/2024 14:07	67401 WAKE_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/4/2024 14:07	44302 BEAV_T2	391	402	11	0.68	0.73	0.05	0	0	0	0	0	0	0	0
2/4/2024 14:08	46004 BERW_T2	1	1	0	0.4	0.5	0.1	-0.79	-0.8	0	0	0	0	0	0
2/4/2024 14:08	60701 BREC_T1	143	21	-122	0.16	0.29	0.13	-0.57	-0.56	0	0	0	0	0	0
2/4/2024 14:08	44301 BEAV_T2	19	17	-2	0.53	0.59	0.06	-0.42	-0.43	0	0	0	0	0	0
2/4/2024 14:08	16301 ALPA_T1	4	5	1	0.25	0.24	-0.01	-0.41	-0.43	0	0	0	0	0	0
2/4/2024 14:08	59202 THOM_T1	293	216	-77	0.3	0.27	-0.03	0	0	0	0	0	0	0	0
2/4/2024 14:09	60901 DONG_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/4/2024 14:09	16301 ALPA_T1	4	5	1	0.25	0.24	-0.01	-0.86	-0.86	0	0	0	0	0	0
2/4/2024 14:09	46002 BERW_T2	0	1	1	0	0.4	0.4	0	0	0	0	0	0	0	0
2/4/2024 14:10	46004 BERW_T2	1	1	0	0.4	0.5	0.1	-0.79	-0.8	0	0	0	0	0	0
2/4/2024 14:10	44301 BEAV_T2	19	17	-2	0.53	0.59	0.06	0	0	0	0	0	0	0	0
2/4/2024 14:10	59201 THOM_T1	23	18	-5	0.4	0.35	-0.05	0	0	0	0	0	0	0	0
2/4/2024 14:11	67402 WAKE_T2	0	0	0	0	0	0	0.17	0.18	0	0	0	0	0	0
2/4/2024 14:11	16301 ALPA_T1	4	5	1	0.25	0.24	-0.01	-0.43	-0.43	0	0	0	0	0	0
2/4/2024 14:11	44302 BEAV_T2	391	402	11	0.68	0.73	0.05	0.3	0.3	0	0	0	0	0	0
2/4/2024 14:11	60201 ATGL_T2	0	0	0	0	0	0	0.69	0.56	0	0	0	0	0	0
2/4/2024 14:11	60701 BREC_T1	143	21	-122	0.16	0.29	0.13	-0.56	-0.01	0	0	0	0	0	0
2/4/2024 14:13	60701 BREC_T1	143	21	-122	0.16	0.29	0.13	-0.56	-0.01	0	0	0	0	0	0
2/4/2024 14:13	48901 FOSP_T2	0	0	0	0	0	0	-0.44	-0.42	0	0	0	0	0	0
2/4/2024 14:13	64303 LINC_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/4/2024 14:14	48902 FOSP_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/4/2024 14:14	46803 HEPB_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/4/2024 14:14	26402 INOR_T1	22	96	74	0.35	0.24	-0.11	-1.09	-1.09	0	0	0	0	0	0
2/4/2024 14:15	48901 FOSP_T2	0	0	0	0	0	0	-0.44	-0.42	0	0	0	0	0	0
2/4/2024 14:15	26402 INOR_T1	95	40	-55	0.24	0.28	0.04	-1.09	-1.09	0	0	0	0	0	0
2/4/2024 14:15	46801 HEPB_T2	2	2	0	0.35	0.4	0.05	0.61	0.63	0	0	0	0	0	0
2/4/2024 14:16	58401 MORO_T1	1	0	-1	0.1	0	-0.1	0	0	0	0	0	0	0	0
2/4/2024 14:16	60604 NCOL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/4/2024 14:16	26401 INOR_T1	10	13	3	0.21	0.21	0	0.26	0.25	0	0	0	0	0	0
2/4/2024 14:18	52502 PROG_T2	0	0	0	0	0	0	0.29	0.26	0	0	0	0	0	0
2/4/2024 14:18	59101 WALK_T2	1	0	-1	0.4	0	-0.4	0.71	0.91	0	0	0	0	0	0
2/4/2024 14:18	56504 ROCK_T2	0	0	0	0	0	0	-0.42	-0.35	0	0	0	0	0	0
2/4/2024 14:19	50506 MECH_T1	3	2	-1	0.3	0.4	0.1	-0.35	-0.36	0	0	0	0	0	0
2/4/2024 14:19	58402 MORO_T1	0	0	0	0	0	0	-0.98	-1.06	0	0	0	0	0	0
2/4/2024 14:19	43202 MVIL_T2	54	50	-4	0.38	0.4	0.02	-0.67	-0.7	0	0	0	0	0	0
2/4/2024 14:20	43201 MVIL_T2	0	0	0	0	0	0	-0.4	-0.4	0	0	0	0	0	0
2/4/2024 14:20	66503 SMAN_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/4/2024 14:20	43202 MVIL_T2	54	50	-4	0.38	0.4	0.02	-0.67	-0.7	0	0	0	0	0	0
2/4/2024 14:20	54202 PENN_T2	0	0	0	0	0	0	0.64	0.57	0	0	0	0	0	0
2/4/2024 14:20	64101 REFR_T1	6	16	10	0.38	0.25	-0.13	-0.51	-0.23	0	0	0	0	0	0
2/4/2024 14:20	42803 SELI_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/4/2024 14:21	67505 WEWI_T1	1	0	-1	0.1	0	-0.1	0	0	0	0	0	0	0	0
2/4/2024 14:21	42802 SELI_T1	1	0	-1	0.3	0	-0.3	-2.6	-2.56	0	0	0	0	0	0
2/4/2024 14:21	27502 WEIS_T2	0	0	0	0	0	0	-0.56	-0.45	0	0	0	0	0	0
2/4/2024 14:21	67401 WAKE_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/4/2024 14:21	13704 SCHN_T2	0	1	1	0	0.1	0.1	-0.79	-0.79	0	0	0	0	0	0
2/4/2024 14:21	64101 REFR_T1	6	16	10	0.38	0.25	-0.13	-0.25	-0.11	0	0	0	0	0	0
2/4/2024 14:21	60604 NCOL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/4/2024 14:21	13302 ORVI_T2	1	1	0	1.4	1.8	0.4	-0.28	-0.27	0	0	0	0	0	0
2/4/2024 14:22	44302 BEAV_T2	382	419	37	0.7	0.73	0.03	0.3	0.3	0	0	0	0	0	0
2/4/2024 14:22	67503 WEWI_T2	1	1	0	0.2	0.1	-0.1	0	0	0	0	0	0	0	0
2/4/2024 14:22	52503 PROG_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/4/2024 14:22	67605 WARW_T1	41	44	3	0.57	0.46	-0.11	-1.33	-1.35	0	0	0	0	0	0
2/4/2024 14:22	67402 WAKE_T2	0	0	0	0	0	0	0.17	0.18	0	0	0	0	0	0
2/4/2024 14:22	56501 ROCK_T2	100	118	18	0.25	0.24	-0.01	0	0	0	0	0	0	0	0
2/4/2024 14:22	43202 MVIL_T2	54	50	-4	0.38	0.4	0.02	-0.67	-0.7	0	0	0	0	0	0
2/4/2024 14:22	64101 REFR_T1	6	16	10	0.38	0.25	-0.13	-0.25	-0.11	0	0	0	0	0	0
2/4/2024 14:22	59101 WALK_T2	1	0	-1	0.4	0	-0.4	0.71	0.91	0	0	0	0	0	0
2/4/2024 14:23	60701 BREC_T1	21	1	-20	0.29	0	-0.29	-0.56	-0.01	0	0	0	0	0	0
2/4/2024 14:23	13701 SCHN_T2	2	2	0	0.3	0.25	-0.05	0	0	0	0	0	0	0	0
2/4/2024 14:23	20402 ASHF_T2	1	0	-1	0.4	0	-0.4	0	0	0	0	0	0	0	0
2/4/2024 14:23	67502 WEWI_T2	196	180	-16	0.29	0.29	0	0	0	0	0	0	0	0	0
2/4/2024 14:23	59102 WALK_T2	5	2	-3	0.36	0.45	0.09	0	0	0	0	0	0	0	0
2/4/2024 14:23	44301 BEAV_T2	16	18	2	0.58	0.58	0	-0.43	-0.44	0	0	0	0	0	0
2/4/2024 14:23	64101 REFR_T1	6	16	10	0.38	0.25	-0.13	-0.13	-0.06	0	0	0	0	0	0
2/4/2024 14:24	46002 BERW_T2	0	1	1	0	0.4	0.4	0	0	0	0	0	0	0	0
2/4/2024 14:24	56504 ROCK_T2	0	0	0	0	0	0	-0.35	-0.45	0	0	0	0	0	0
2/4/2024 14:24	67503 WEWI_T2	1	1	0	0.2	0.1	-0.1	-0.27	-0.28	0	0	0	0	0	0
2/4/2024 14:24	20402 ASHF_T2	1	0	-1	0.4	0	-0.4	0	0	0	0	0	0	0	0
2/4/2024 14:24	44302 BEAV_T2	382	419	37	0.7	0.73	0.03	0	0	0	0	0	0	0	0
2/4/2024 14:24	66504 SMAN_T2	0	2	2	0	0.35	0.35	-0.56	-0.57	0	0	0	0	0	0
2/4/2024 14:24	67604 WARW_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/4/2024 14:24	60701 BREC_T1	21	1	-20	0.29	0	-0.29	-0.01	0.03	0	0	0	0	0	0
2/4/2024 14:24	43001 ALWD_T1	1	0	-1	0.1	0	-0.1	0	0	0	0	0	0	0	0
2/4/2024 14:24	29401 BELT_T1	9	10	1	0.12	0.16	0.04	0	0	0	0	0	0	0	0
2/4/2024 14:25	67605 WARW_T1	41	44	3	0.57	0.46	-0.11	-1.35	-1.31	0	0	0	0	0	0
2/4/2024 14:25	67503 WEWI_T2	1	1	0	0.2	0.1	-0.1	0	0	0	0	0	0	0	0
2/4/2024 14:25	60904 DONG_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/4/2024 14:25	40701 FILD_T1	78	79	1	0.62	0.72	0.1	0	0	0	0	0	0	0	0
2/4/2024 14:25	29402 BELT_T1	7	26	19	1.63	0.59	-1.04	0	0	0	0	0	0	0	0
2/4/2024 14:26	67501 WEWI_T1	0	0	0	0	0	0	-0.71	-0.66	0	0	0	0	0	0
2/4/2024 14:26	67502 WEWI_T2	196	180	-16	0.29	0.29	0	-3.03	-2.98	0	0	0	0	0	0
2/4/2024 14:26	29402 BELT_T1	7	26	19	1.63	0.59	-1.04	0	0	0	0	0	0	0	0
2/4/2024 14:26	20402 ASHF_T2	1	0	-1	0.4	0	-0.4	0	0	0	0	0	0	0	0
2/4/2024 14:26	29401 BELT_T1	9	10	1	0.12	0.16	0.04	0	0	0	0	0	0	0	0
2/4/2024 14:26	60201 ATGL_T2	0	0	0	0	0	0	0.28	0.38	0	0	0	0	0	0
2/4/2024 14:26	43001 ALWD_T1	1	0	-1	0.1	0	-0.1	0	0	0	0	0	0	0	0
2/4/2024 14:27	56503 ROCK_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/4/2024 14:27	65002 NEFF_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/4/2024 14:27	67401 WAKE_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/4/2024 14:27	60201 ATGL_T2	0	0	0	0	0	0	0.14	0.19	0	0	0	0	0	0
2/4/2024 14:27	60701 BREC_T1	21	1	-20	0.29	0	-0.29	-0.01	0.03	0	0	0	0	0	0
2/4/2024 14:27	29401 BELT_T1	9	10	1	0.12	0.16	0.04	0	0	0	0	0	0	0	0
2/4/2024 14:29	51401 LYKE_T1	0	0	0	0	0	0	0.26	0.28	0	0	0	0	0	0
2/4/2024 14:29	64301 LINC_T1	0	0	0	0	0	0	0.08	0.1	0	0	0	0	0	0
2/4/2024 14:30	43202 MVIL_T2	50	49	-1	0.4	0.25	-0.15	-0.7	-0.67	0	0	0	0	0	0
2/4/2024 14:30	43201 MVIL_T2	0	0	0	0	0	0	-0.4	-0.38	0	0	0	0	0	0
2/4/2024 14:30	42903 MIDD_T2	85	99	14	0.41	0.43	0.02	-0.14	-0.17	0	0	0	0	0	0
2/4/2024 14:30	42901 MIDD_T2	391	439	48	0.54	0.59	0.05	0	0	0	0	0	0	0	0
2/4/2024 14:30	64404 LAND_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/4/2024 14:30	45701 LIND_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/4/2024 14:30	26402 INOR_T1	36	36	0	0.29	0.28	-0.01	-2.19	-2.23	0	0	0	0	0	0
2/4/2024 14:31	42901 MIDD_T2	391	439	48	0.54	0.59	0.05	0	0	0	0	0	0	0	0
2/4/2024 14:31	26401 INOR_T1	8	15	7	0.21	0.2	-0.01	0.25	0.25	0	0	0	0	0	0
2/4/2024 14:31	46801

Appendix C - Grid Benefits Achieved in Each Instance of Active Management

2/4/2024 14:37	67402 WAKE_T2	0	0	0	0	0	0	0.37	0.41	0	0	0	0	0	0
2/4/2024 14:37	56802 BENV_T2	3	2	-1	0.47	0.65	0.18	-1.33	-1.33	0	0	0	0	0	0
2/4/2024 14:37	43303 WATS_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/4/2024 14:38	67503 WEWI_T2	1	0	-1	0.1	0	-0.1	-0.27	-0.28	0	0	0	0	0	0
2/4/2024 14:38	44302 BEAV_T2	387	421	34	0.72	0.71	-0.01	0	0	0	0	0	0	0	0
2/4/2024 14:38	56801 BENV_T1	22	22	0	0.57	0.6	0.03	-0.78	-0.76	0	0	0	0	0	0
2/4/2024 14:38	56802 BENV_T2	3	2	-1	0.47	0.65	0.18	-1.33	-1.33	0	0	0	0	0	0
2/4/2024 14:38	66502 SMAN_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/4/2024 14:38	67502 WEWI_T2	155	203	48	0.27	0.29	0.02	-1.51	-1.49	0	0	0	0	0	0
2/4/2024 14:38	16302 ALPA_T2	0	0	0	0	0	0	0.43	0.45	0	0	0	0	0	0
2/4/2024 14:39	66503 SMAN_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/4/2024 14:39	56801 BENV_T1	22	22	0	0.57	0.6	0.03	-0.76	-0.78	0	0	0	0	0	0
2/4/2024 14:39	44302 BEAV_T2	387	421	34	0.72	0.71	-0.01	0	0	0	0	0	0	0	0
2/4/2024 14:39	59101 WALK_T2	0	0	0	0	0	0	1.01	0.9	0	0	0	0	0	0
2/4/2024 14:39	67502 WEWI_T2	155	203	48	0.27	0.29	0.02	-1.49	-1.46	0	0	0	0	0	0
2/4/2024 14:39	49804 UNIV_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/4/2024 14:39	67503 WEWI_T2	1	0	-1	0.1	0	-0.1	-0.28	-0.26	0	0	0	0	0	0
2/4/2024 14:39	56802 BENV_T2	3	2	-1	0.47	0.65	0.18	-1.33	-1.35	0	0	0	0	0	0
2/4/2024 14:40	67503 WEWI_T2	1	0	-1	0.1	0	-0.1	-0.28	-0.26	0	0	0	0	0	0
2/4/2024 14:40	46004 BERW_T2	1	1	0	0.5	0.2	-0.3	-1.52	-1.56	0	0	0	0	0	0
2/4/2024 14:40	60801 BUCK_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/4/2024 14:40	67503 WEWI_T2	1	0	-1	0.1	0	-0.1	-0.28	-0.26	0	0	0	0	0	0
2/4/2024 14:40	16302 ALPA_T2	0	0	0	0	0	0	0.45	0.42	0	0	0	0	0	0
2/4/2024 14:40	67604 WARW_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/4/2024 14:40	56802 BENV_T2	3	2	-1	0.47	0.65	0.18	-1.33	-1.35	0	0	0	0	0	0
2/4/2024 14:40	43001 ALWD_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/4/2024 14:41	41801 GOCI_T2	68	123	55	0.21	0.31	0.1	0	0	0	0	0	0	0	0
2/4/2024 14:41	40702 FFLD_T1	204	216	12	0.58	0.61	0.03	-1.22	-1.29	0	0	0	0	0	0
2/4/2024 14:41	67503 WEWI_T2	1	0	-1	0.1	0	-0.1	0	0	0	0	0	0	0	0
2/4/2024 14:41	29402 BELT_T1	23	28	5	0.65	0.53	-0.12	0	0	0	0	0	0	0	0
2/4/2024 14:41	56802 BENV_T2	3	2	-1	0.47	0.65	0.18	-2.66	-2.7	0	0	0	0	0	0
2/4/2024 14:41	16302 ALPA_T2	0	0	0	0	0	0	0.45	0.42	0	0	0	0	0	0
2/4/2024 14:41	67605 WARW_T1	39	42	3	0.51	0.42	-0.09	-1.31	-1.38	0	0	0	0	0	0
2/4/2024 14:41	45402 WBLO_T2	2	2	0	0.9	0.5	-0.4	-0.75	-0.73	0	0	0	0	0	0
2/4/2024 14:42	44301 BEAV_T2	16	17	1	0.6	0.59	-0.01	0	0	0	0	0	0	0	0
2/4/2024 14:42	60803 BUCK_T1	2	2	0	0.4	0.2	-0.2	-0.54	-0.54	0	0	0	0	0	0
2/4/2024 14:42	60201 ATGL_T2	0	0	0	0	0	0	0.19	0.08	0	0	0	0	0	0
2/4/2024 14:42	17803 GILB_T2	0	5	5	0	0.2	0.2	0	0	0	0	0	0	0	0
2/4/2024 14:42	62602 ENGL_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/4/2024 14:42	43001 ALWD_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/4/2024 14:42	41801 GOCI_T2	68	123	55	0.21	0.31	0.1	0	0	0	0	0	0	0	0
2/4/2024 14:42	16302 ALPA_T2	0	0	0	0	0	0	0.45	0.42	0	0	0	0	0	0
2/4/2024 14:42	56802 BENV_T2	3	2	-1	0.47	0.65	0.18	-5.31	-5.4	0	0	0	0	0	0
2/4/2024 14:42	67401 WAKE_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/4/2024 14:43	62605 ENGL_T1	1	1	0	0.1	0.1	0	0	0	0	0	0	0	0	0
2/4/2024 14:43	56802 BENV_T2	3	2	-1	0.47	0.65	0.18	-5.31	-5.4	0	0	0	0	0	0
2/4/2024 14:43	60803 BUCK_T1	2	2	0	0.4	0.2	-0.2	-0.54	-0.54	0	0	0	0	0	0
2/4/2024 14:44	42901 MIDD_T2	391	439	48	0.54	0.59	0.05	0	0	0	0	0	0	0	0
2/4/2024 14:45	17802 GILB_T1	2	2	0	0.55	0.3	-0.25	0.18	0.15	0	0	0	0	0	0
2/4/2024 14:45	57401 SPAN_T1	3	3	0	0.37	0.47	0.1	-0.8	-0.94	0	0	0	0	0	0
2/4/2024 14:45	64303 LINC_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/4/2024 14:45	42901 MIDD_T2	424	422	-2	0.58	0.55	-0.03	0	0	0	0	0	0	0	0
2/4/2024 14:45	43201 MVIL_T2	41	51	10	0.25	0.28	0.03	-0.67	-0.7	0	0	0	0	0	0
2/4/2024 14:45	26402 INOR_T1	33	30	-3	0.3	0.26	-0.04	-1.11	-1.1	0	0	0	0	0	0
2/4/2024 14:46	26401 INOR_T1	13	13	0	0.21	0.19	-0.02	0.25	0.23	0	0	0	0	0	0
2/4/2024 14:46	17802 GILB_T1	2	2	0	0.55	0.3	-0.25	0.18	0.15	0	0	0	0	0	0
2/4/2024 14:46	42902 MIDD_T2	206	207	1	0.65	0.63	-0.02	-1.86	-1.95	0	0	0	0	0	0
2/4/2024 14:46	45702 LIND_T2	4	4	0	0.43	0.38	-0.05	-0.51	-0.49	0	0	0	0	0	0
2/4/2024 14:46	46501 LOHA_T1	0	0	0	0	0	0	-0.13	-0.12	0	0	0	0	0	0
2/4/2024 14:46	60605 NCOL_T2	1	0	-1	0.1	0	-0.1	0	0	0	0	0	0	0	0
2/4/2024 14:46	26401 INOR_T1	13	13	0	0.21	0.19	-0.02	0.25	0.23	0	0	0	0	0	0
2/4/2024 14:46	43202 MVIL_T2	41	51	10	0.25	0.28	0.03	-0.67	-0.7	0	0	0	0	0	0
2/4/2024 14:46	43201 MVIL_T2	0	0	0	0	0	0	-0.38	-0.39	0	0	0	0	0	0
2/4/2024 14:46	58402 MORO_T1	0	0	0	0	0	0	0.03	0.04	0	0	0	0	0	0
2/4/2024 14:46	57401 SPAN_T1	3	3	0	0.37	0.47	0.1	-0.8	-0.94	0	0	0	0	0	0
2/4/2024 14:47	57401 SPAN_T1	3	3	0	0.37	0.47	0.1	-0.8	-0.94	0	0	0	0	0	0
2/4/2024 14:47	47402 PENS_T1	1	1	0	0.1	0.1	0	0	0	0	0	0	0	0	0
2/4/2024 14:47	26401 INOR_T1	13	13	0	0.21	0.19	-0.02	0.25	0.23	0	0	0	0	0	0
2/4/2024 14:47	46803 HEPB_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/4/2024 14:47	60602 NCOL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/4/2024 14:47	42901 MIDD_T2	424	422	-2	0.58	0.55	-0.03	0	0	0	0	0	0	0	0
2/4/2024 14:47	57403 SPAN_T1	15	11	-4	0.29	0.31	0.02	0.05	0.05	0	0	0	0	0	0
2/4/2024 14:47	42902 MIDD_T2	206	207	1	0.65	0.63	-0.02	-1.24	-1.3	0	0	0	0	0	0
2/4/2024 14:47	62604 ENGL_T1	0	0	0	0	0	0	-0.48	-0.49	0	0	0	0	0	0
2/4/2024 14:47	13302 ORVI_T2	1	2	1	1.6	0.6	-1	-0.34	-0.35	0	0	0	0	0	0
2/4/2024 14:47	29402 BELT_T1	19	14	-5	0.68	0.86	0.18	0	0	0	0	0	0	0	0
2/4/2024 14:47	13501 MCMI_T1	0	0	0	0	0	0	-0.1	-0.1	0	0	0	0	0	0
2/4/2024 14:48	64801 MONE_T2	12	14	2	0.28	0.28	0	0	0	0	0	0	0	0	0
2/4/2024 14:48	57401 SPAN_T1	3	3	0	0.37	0.47	0.1	-1.61	-1.87	0	0	0	0	0	0
2/4/2024 14:48	43202 MVIL_T2	41	51	10	0.25	0.28	0.03	-0.67	-0.7	0	0	0	0	0	0
2/4/2024 14:48	42901 MIDD_T2	424	422	-2	0.58	0.55	-0.03	0	0	0	0	0	0	0	0
2/4/2024 14:48	65003 NEFF_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/4/2024 14:48	58402 MORO_T1	0	0	0	0	0	0	0.03	0.04	0	0	0	0	0	0
2/4/2024 14:48	60605 NCOL_T2	1	0	-1	0.1	0	-0.1	-1.4	-1.4	0	0	0	0	0	0
2/4/2024 14:48	57403 SPAN_T1	15	11	-4	0.29	0.31	0.02	0.05	0.05	0	0	0	0	0	0
2/4/2024 14:48	55001 NEWP_T1	1	2	1	0.3	0.3	0	0	0	0	0	0	0	0	0
2/4/2024 14:50	42903 MIDD_T2	92	91	-1	0.44	0.41	-0.03	-0.17	-0.18	0	0	0	0	0	0
2/4/2024 14:50	42903 MIDD_T2	92	91	-1	0.44	0.41	-0.03	-0.17	-0.18	0	0	0	0	0	0
2/4/2024 14:50	58402 MORO_T1	0	0	0	0	0	0	0.03	0.04	0	0	0	0	0	0
2/4/2024 14:50	57403 SPAN_T1	15	11	-4	0.29	0.31	0.02	0.05	0.05	0	0	0	0	0	0
2/4/2024 14:50	57401 SPAN_T1	3	3	0	0.37	0.47	0.1	-0.8	-0.94	0	0	0	0	0	0
2/4/2024 14:50	47403 PENS_T1	3	2	-1	0.33	0.25	-0.08	0	0	0	0	0	0	0	0
2/4/2024 14:51	43303 WATS_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/4/2024 14:51	47401 PENS_T1	5	2	-3	0.48	0.7	0.22	0.85	0.82	0	0	0	0	0	0
2/4/2024 14:52	47403 PENS_T1	3	2	-1	0.33	0.25	-0.08	0	0	0	0	0	0	0	0
2/4/2024 14:52	43302 WATS_T2	0	4	4	0	0.2	0.2	0	0	0	0	0	0	0	0
2/4/2024 14:52	44302 BEAV_T2	409	400	-9	0.7	0.68	-0.02	0	0	0	0	0	0	0	0
2/4/2024 14:52	43001 ALWD_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/4/2024 14:53	43304 WATS_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/4/2024 14:53	59101 WALK_T2	0	0	0	0	0	0	1.01	0.9	0	0	0	0	0	0
2/4/2024 14:53	65003 NEFF_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/4/2024 14:53	60201 ATGL_T2	0	0	0	0	0	0	0.19	0.08	0	0	0	0	0	0
2/4/2024 14:53	67402 WAKE_T2	0	0	0	0	0	0	0.21	0.22	0	0	0	0	0	0
2/4/2024 14:54	44301 BEAV_T2	17	14	-3	0.58	0.62	0.04	-0.45	-0.44	0	0	0	0	0	0
2/4/2024 14:55	44302 BEAV_T2	409	400	-9	0.7	0.68	-0.02	0	0	0	0	0	0	0	0
2/4/2024 14:57	46205 DANV_T2	0	0	0	0	0	0	-0.87	-0.89	0	0	0	0	0	0
2/4/2024 14:57	47402 PENS_T1	1	1	0	0.1	0.1	0	0	0	0	0	0	0	0	0
2/4/2024 14:57	43001 ALWD_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/4/2024 14:58	17802 GILB_T1	2	2	0	0.55	0.3	-0.25	0.15	0.16	0	0	0	0	0	0
2/4/2024 14:58	67401 WAKE_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/4/2024 14:59	42002 MNVL_T2	1	1	0	5.5	5.5	0	0	0	0	0	0	0	0	0
2/4/2024 14:59	60803 BUCK_T1	2	2	0	0.15	0.2	0.05	0	0	0	0	0	0	0	0
2/4/2024 15:03	59302 MCAL_T1	1	1	0	0.7	0.5	-0.2	-0.45	-0.41	0	0	0	0	0	0
2/4/2024 15:04	55001 NEWP_T1	2	0	-2	0.3	0	-0.3	0	0	0	0	0	0	0	0
2/4/2024 15:06	20401 ASHF_T2	2	2	0	0.35	0.25	-0.1	0	0	0	0	0	0	0	0
2/4/2024 15:06	56501 ROCK_T2	106	60	-46	0.24	0.2	-0.04	0	0	0	0	0	0	0	0
2/4/2024 15:06	59402 RFLD_T2	0	0	0	0	0	0	-0.84	-0.82	0	0	0	0	0	0
2/4/2024 15:07	56503 ROCK_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/4/2024 15:07	46002 BERW_T2	0	1	1	0	0.1	0.1	0	0	0	0	0	0	0	0
2/4/2024 15:07	59402 RFLD_T2	0	0	0	0	0	0	-0.84	-0.82	0	0	0	0	0	0
2/4/2024 15:08	20403 ASHF_T2	1	0	-1	0.1	0	-0.1	0.13	0.15	0	0	0	0	0	0
2/4/2024 15:08	59202 THOM_T1	202	176	-26	0.26	0.23	-0.03	0	0	0	0	0	0	0	0
2/4/2024 15:08	43001 ALWD_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/4/2024 15:09	56501 ROCK_T2	106	60	-46	0.24	0.2	-0.04	-1.65	-1.67	0	0	0	0	0	0
2/4/2024 15:09	67401 WAKE_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/4/2024 15:09	56504 ROCK_T2	1	1	0	0.1	0.1	0	-0.9	-0.83	0	0	0	0	0	0
2/4/2024 15:10	56504 ROCK_T2	1	1	0	0.1	0.1	0	0	0	0	0	0	0	0	0
2/4/2024 15:11	20403 ASHF_T2	1	0	-1	0.1	0	-0.1	0.13	0.15	0	0	0	0	0	0
2/4/2024 15:11	59402 RFLD_T2	0	0	0	0	0	0	-0.82	-0.86	0	0	0	0	0	0
2/4/2024 15:12	41802 GOCI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/4/2024 15:13	41802 GOCI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/4/2024 15:13	43001 ALWD_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/4/2024 15:14	67402 WAKE_T2	0	0	0	0	0	0	0.22	0.16	0	0	0	0	0	0
2/4/2024 15:15	62602 ENGL_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/4/2024 15:15	56504 ROCK_T2	1	0	-1	0.1	0	-0.1	0	0	0	0	0	0	0	0
2/4/2024 15:15	44302 BEAV_T2	381	355	-26	0.63	0.55	-0.08	0	0	0	0	0	0	0	0
2/4/2024 15:16	53902 HALI_T2	1	0	-1	0.2	0	-0.2	0	0	0	0	0	0	0	0
2/4/2024 15:17	46801 HEPB_T2	2	2	0	0.3	0.4	0.1	0.61	0.61	0	0	0	0	0	0
2/4/2024 15:18	53903 HALI_T2	6	5	-1	0.85	0.92	0.07	-0.13	-0.09	0	0	0	0	0	0
2/4/2024 15:18	44902 SCOT_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/4/2024 15:19	55001 NEWP_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/4/2024 15:19	53901 HALI_T2	151	162	11	0.76	0.9	0.14	0	0	0	0	0	0	0	0
2/4/2024 15:21	56504 ROCK_T2	1	0	-1	0.1	0	-0.1	0	0	0	0	0	0	0	0
2/4/2024 15:22	67503 WEWI_T2	0	0	0	0	0	0	-0.28	-0.3	0	0	0	0	0	0
2/4/2024 15:23	44901 SCOT_T2	0	0	0	0	0	0	-0.59	-0.57	0	0	0	0	0	0
2/4/2024 15:24	27502 WEIS_T2	0	0	0	0	0	0	-1.31	-1.3	0	0	0	0	0	0
2/4/2024 15:24	43001 ALWD_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/4/2024 15:25	10701 CATA_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/4/2024 15:25	56504 ROCK_T2	1	0	-1	0.1	0	-0.1	0	0	0	0	0	0	0	0
2/4/2024 15:25	53903 HALI_T2	6	5	-1	0.85	0.92	0.07	-0.09	-0.14	0	0	0	0	0	0
2/4/2024 15:29	43001 ALWD_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/4/2024 15:30	40101 HUNT_T2	2	0	-2	0.1	0	-0.1	-0.61	-0.6	0	0	0	0	0	0
2/4/2024 15:31	40101 HUNT_T2	2	0	-2	0.1	0	-0.1	-0.61	-0.6	0	0	0	0	0	0
2/4/2024 15:32	42002 MNVL_T2	1	1	0	5.6	5.5	-0.1	0	0	0	0	0	0	0	0
2/4/2024 15:33	64101 REFR_T1	1	1	0	0.2	0.2	0	-0.24	-0.24	0	0	0	0	0	0
2/4/2024 15:34	64101 REFR_T1	1	1	0	0.2	0.2	0	-0.08	-0.08	0	0	0	0	0	0
2/4/2024 15:35	67401 WAKE_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/4/2024 15:35	57104 SPHI_T2	1	0	-1	4.2	0	-4.2	0	0	0	0	0	0	0	0
2/4/2024 15:35	64101 REFR_T1	1	1	0	0.2	0.2	0	-0.08	-0.08	0	0	0	0	0	0
2/4/2024 15:35	55002 NEWP_T1	5	5	0	1.14	1.12	-0.02	-0.21	-0.21	0	0	0	0	0	0
2/4/2024 15:36	64101 REFR_T1	1	1	0	0.2	0.2	0	-0.08	-0.08	0	0	0	0	0	0
2/4/2024 15:37	56504 ROCK_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/4/2024 15:37	64101 REFR_T1	1	1	0	0.2	0.2	0	-0.08	-0.08	0	0	0	0	0	0
2/4/2024 15:39	47401 PENS_T1	1	1	0	0.7	0.1	-0.6	0.74	0.69	0	0	0	0	0	0
2/4/2024 15:39	56504 ROCK_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/4/2024 15:40	67402 WAKE_T2	0	0	0	0	0	0	0.16	0.17	0	0	0	0	0	0
2/4/2024 15:44	40101 HUNT_T2	2	0	-2	0.1	0	-0.1	-0.6	-0.56	0	0	0	0	0	0
2/4/2024 15:45	13503 MCMI_T2	0	0	0	0	0	0	0.08	0	0	0	0	0	0	0
2/4/2024 15:46	40101 HUNT_T2	0	0	0	0	0	0	-0.6	-0.56	0	0	0	0	0	0
2/4/2024 15:47	40101 HUNT_T2	0	0	0	0	0	0	-0.6	-0.56	0	0	0	0	0	0
2/4/2024 15:50	43001 ALWD_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/4/2024 15:51	55001 NEWP_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/4/2024 15:51	67402 WAKE_T2	0	0	0	0	0	0	0.16	0.17	0	0	0	0	0	0
2/4/2024 15:53	56503 ROCK_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/4/2024 15:54	45501 DERR_T2	1	1	0	0	0	0	-1.38	-1.49	0	0	0	0	0	0
2/4/2024 15:56	67401 WAKE_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/4/2024 15:58	62607 ENGL_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/4/2024 15:58	40101 HUNT_T2	0	0	0	0	0	0	-0.56	-0.54	0	0	0	0	0	0
2/4/2024 16:01	40101 HUNT_T2	0	2	2	0	0	0	-

Appendix C - Grid Benefits Achieved in Each Instance of Active Management

2/4/2024 17:49	43108 SMIL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
2/4/2024 18:07	65003 NEFF_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
2/4/2024 18:23	65001 NEFF_T2	0	0	0	0	0	-1.25	-1.28	0	0	0	0	0	0
2/4/2024 18:48	59402 RFLD_T2	0	0	0	0	0	-0.81	-0.8	0	0	0	0	0	0
2/4/2024 19:19	28701 HAML_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
2/4/2024 19:19	13501 MCMI_T1	0	0	0	0	0	-0.01	0	0	0	0	0	0	0
2/4/2024 19:21	62601 ENGL_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
2/4/2024 19:22	26402 INOR_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
2/4/2024 19:24	26401 INOR_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
2/4/2024 19:25	61303 EARL_T1	0	0	0	0	0	0.01	-0.04	0	0	0	0	0	0
2/4/2024 19:25	44902 SCOT_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
2/4/2024 19:25	26401 INOR_T1	0	0	0	0	0	0.54	0.46	0	0	0	0	0	0
2/4/2024 19:25	25404 LAHA_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
2/4/2024 19:26	27502 WEIS_T2	0	1	1	0	0	-0.5	-0.52	0	0	0	0	0	0
2/4/2024 19:26	13502 MCMI_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
2/4/2024 19:26	46502 LOHA_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
2/4/2024 19:26	29402 BELT_T1	1	1	0	8.2	8.2	0	0	0	0	0	0	0	0
2/4/2024 19:26	16302 ALPA_T2	0	0	0	0	0	-0.76	-0.8	0	0	0	0	0	0
2/4/2024 19:26	27101 GFLD_T2	1	1	0	1	0	-1	0.25	0.25	0	0	0	0	0
2/4/2024 19:28	47403 PENS_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
2/4/2024 19:28	42501 ALTA_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
2/4/2024 19:28	46206 DANV_T2	13	13	0	2.31	2.95	0.64	0	0	0	0	0	0	0
2/4/2024 19:28	16402 MOPO_T1	0	5	5	0	0	-0.09	-0.1	0	0	0	0	0	0
2/4/2024 19:28	10805 CHHI_T2	7	7	0	1.8	7.9	6.1	-0.54	-0.52	0	0	0	0	0
2/4/2024 19:28	40101 HUNT_T2	67	14	-53	0.4	0.63	0.23	-0.49	-0.48	0	0	0	0	0
2/4/2024 19:28	60701 BREC_T1	0	0	0	0	0	0	-0.51	-0.52	0	0	0	0	0
2/4/2024 19:29	42903 MIDD_T2	2	2	0	0.95	2.05	1.1	0	0	0	0	0	0	0
2/4/2024 19:29	51001 NHAR_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
2/4/2024 19:29	44902 SCOT_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
2/4/2024 19:29	16102 BING_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
2/4/2024 19:29	48303 ORWI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
2/4/2024 19:29	47401 PENS_T1	0	0	0	0	0	0.66	0.64	0	0	0	0	0	0
2/4/2024 19:29	40101 HUNT_T2	67	14	-53	0.4	0.63	0.23	-0.98	-0.96	0	0	0	0	0
2/4/2024 19:30	67501 WEWI_T1	0	0	0	0	0	0	-0.64	-0.68	0	0	0	0	0
2/4/2024 19:30	66504 SMAN_T2	0	0	0	0	0	0	-0.9	-0.9	0	0	0	0	0
2/4/2024 19:30	65503 MOJO_T2	0	0	0	0	0	0	-0.7	-0.71	0	0	0	0	0
2/4/2024 19:30	16302 ALPA_T2	0	0	0	0	0	0	-0.76	-0.8	0	0	0	0	0
2/4/2024 19:30	14802 TREI_T2	0	1	1	0	0.1	0.1	0.46	0.46	0	0	0	0	0
2/4/2024 19:30	46002 BERW_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
2/4/2024 19:30	26402 INOR_T1	0	0	0	0	0	0	-1.06	-1.07	0	0	0	0	0
2/4/2024 19:30	40603 PIGR_T1	0	0	0	0	0	0	0.35	0.34	0	0	0	0	0
2/4/2024 19:30	40101 HUNT_T2	14	8	-6	0.37	0.7	0.33	-0.49	-0.48	0	0	0	0	0
2/4/2024 19:30	67503 WEWI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
2/4/2024 19:30	46101 MACI_T2	0	0	0	0	0	0	0.63	0.65	0	0	0	0	0
2/4/2024 19:30	29402 BELT_T1	1	1	0	8.2	8.2	0	0	0	0	0	0	0	0
2/4/2024 19:30	46001 BERW_T1	0	0	0	0	0	0	0.6	0.62	0	0	0	0	0
2/4/2024 19:30	55001 NEWP_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
2/4/2024 19:30	13302 ORVI_T2	0	0	0	0	0	0	-0.16	-0.17	0	0	0	0	0
2/4/2024 19:30	42903 MIDD_T2	2	2	0	2.05	2.1	0.05	0	0	0	0	0	0	0
2/4/2024 19:31	13704 SCHN_T2	0	0	0	0	0	0	-0.87	-0.89	0	0	0	0	0
2/4/2024 19:31	15001 BLMO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
2/4/2024 19:31	57102 SPHI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
2/4/2024 19:31	64203 KINZ_T1	0	0	0	0	0	0	-0.53	-0.55	0	0	0	0	0
2/4/2024 19:31	47401 PENS_T1	0	0	0	0	0	0	0.66	0.64	0	0	0	0	0
2/4/2024 19:31	61305 EARL_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
2/4/2024 19:31	60803 BUCK_T1	0	0	0	0	0	0	-1.19	-1.2	0	0	0	0	0
2/4/2024 19:31	60201 ATGL_T2	0	0	0	0	0	0	0.34	0.3	0	0	0	0	0
2/4/2024 19:31	27503 WEIS_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
2/4/2024 19:31	53902 HALI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
2/4/2024 19:31	52004 LING_T2	1	1	0	0.9	0.9	0	0.32	0.37	0	0	0	0	0
2/4/2024 19:31	14403 SSLA_T1	1	1	0	0.2	0	-0.2	0.73	0.69	0	0	0	0	0
2/4/2024 19:31	42903 MIDD_T2	2	2	0	2.05	2.1	0.05	0	0.02	0	0	0	0	0
2/4/2024 19:31	52503 PROG_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
2/4/2024 19:31	13503 MCMI_T2	13	51	38	0.6	0.5	-0.1	0.26	0.25	0	0	0	0	0
2/4/2024 19:31	29401 BELT_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
2/4/2024 19:32	40201 BEGA_T2	1	3	2	2.1	1.7	-0.4	0	0	0	0	0	0	0
2/4/2024 19:32	56504 ROCK_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
2/4/2024 19:32	57403 SPAN_T1	0	0	0	0	0	0	0.13	0.12	0	0	0	0	0
2/4/2024 19:32	64101 REFR_T1	0	0	0	0	0	0	-0.02	-0.01	0	0	0	0	0
2/4/2024 19:32	67603 WARW_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
2/4/2024 19:32	62602 ENGL_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
2/4/2024 19:32	67502 WEWI_T2	0	0	0	0	0	0	-1.35	-1.4	0	0	0	0	0
2/4/2024 19:32	14802 TREI_T2	0	1	1	0	0.1	0.1	0.46	0.46	0	0	0	0	0
2/4/2024 19:32	67503 WEWI_T2	0	0	0	0	0	0	-0.01	0.01	0	0	0	0	0
2/4/2024 19:32	10707 CATA_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
2/4/2024 19:33	15001 BLMO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
2/4/2024 19:33	62602 ENGL_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
2/4/2024 19:33	24901 WHHA_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
2/4/2024 19:33	42001 MNVL_T2	0	0	0	0	0	0	0.16	0.16	0	0	0	0	0
2/4/2024 19:33	56501 ROCK_T2	2	2	0	0.35	2.6	2.25	-1.46	-1.47	0	0	0	0	0
2/4/2024 19:33	51002 NHAR_T1	1	1	0	0.8	1	0.2	0	0	0	0	0	0	0
2/4/2024 19:33	20403 ASHF_T2	0	0	0	0	0	0	0.37	0.4	0	0	0	0	0
2/4/2024 19:33	46202 DANV_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
2/4/2024 19:33	42701 AUGU_T1	1	1	0	0.2	0.4	0.2	0	0	0	0	0	0	0
2/4/2024 19:33	44301 BEAV_T2	13	13	0	0.45	0.52	0.07	-1.02	-1.03	0	0	0	0	0
2/4/2024 19:33	44903 SCOT_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
2/4/2024 19:33	51306 WIND_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
2/4/2024 19:33	59202 THOM_T1	2	3	1	0.1	0.17	0.07	0	0	0	0	0	0	0
2/4/2024 19:33	50503 MECH_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
2/4/2024 19:33	56503 ROCK_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
2/4/2024 19:33	49803 UNIV_T1	0	0	0	0	0	0	-1.06	-1.09	0	0	0	0	0
2/4/2024 19:33	40502 CRES_T2	4	8	4	0.13	0.26	0.13	-1.6	-1.64	0	0	0	0	0
2/4/2024 19:33	59102 WALK_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
2/4/2024 19:33	66502 SMAN_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
2/4/2024 19:34	17802 GILB_T1	0	0	0	0	0	0	0.4	0.44	0	0	0	0	0
2/4/2024 19:34	64301 LINC_T1	0	0	0	0	0	0	-0.47	-0.51	0	0	0	0	0
2/4/2024 19:34	59302 MCAL_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
2/4/2024 19:34	57403 SPAN_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
2/4/2024 19:34	51401 LYKE_T1	0	0	0	0	0	0	0.24	0.26	0	0	0	0	0
2/4/2024 19:34	44601 SALE_T2	0	0	0	0	0	0	-0.16	-0.17	0	0	0	0	0
2/4/2024 19:34	58401 MORO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
2/4/2024 19:34	45501 DERR_T2	2	1	-1	0.2	0	-0.2	-0.82	-0.79	0	0	0	0	0
2/4/2024 19:34	48303 ORWI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
2/4/2024 19:34	60803 BUCK_T1	0	0	0	0	0	0	-1.19	-1.2	0	0	0	0	0
2/4/2024 19:34	56501 ROCK_T2	2	2	0	0.35	2.6	2.25	-1.46	-1.47	0	0	0	0	0
2/4/2024 19:34	46003 BERW_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
2/4/2024 19:34	52502 PROG_T2	0	0	0	0	0	0	-0.56	-0.55	0	0	0	0	0
2/4/2024 19:34	59402 RFLD_T2	0	0	0	0	0	0	-0.81	-0.82	0	0	0	0	0
2/4/2024 19:34	16302 ALPA_T2	0	0	0	0	0	0	-0.76	-0.8	0	0	0	0	0
2/4/2024 19:34	64101 REFR_T1	0	0	0	0	0	0	-0.02	-0.01	0	0	0	0	0
2/4/2024 19:35	55002 NEWP_T1	5	5	0	1.12	1.2	0.08	-0.23	-0.23	0	0	0	0	0
2/4/2024 19:35	60101 COCA_T1	0	0	0	0	0	0	0.28	0.25	0	0	0	0	0
2/4/2024 19:35	42901 MIDD_T2	104	131	27	0.25	0.32	0.07	0	0	0	0	0	0	0
2/4/2024 19:35	47403 PENS_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
2/4/2024 19:35	41801 GOCI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
2/4/2024 19:35	10805 CHHI_T2	1	10	9	8	2.07	-5.93	-0.54	-0.52	0	0	0	0	0
2/4/2024 19:35	15001 BLMO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
2/4/2024 19:35	53903 HALI_T2	2	2	0	0.8	0.75	-0.05	-0.24	-0.24	0	0	0	0	0
2/4/2024 19:35	20401 ASHF_T2	1	1	0	1.8	0	-1.8	0	0	0	0	0	0	0
2/4/2024 19:35	54202 PENN_T2	0	0	0	0	0	0	0.51	0.53	0	0	0	0	0
2/4/2024 19:35	45502 DERR_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
2/4/2024 19:35	67502 WEWI_T2	0	0	0	0	0	0	-2.69	-2.8	0	0	0	0	0
2/4/2024 19:35	43304 WATS_T2	5	5	0	0.16	0	-0.16	-0.53	-0.5	0	0	0	0	0
2/4/2024 19:35	46205 DANV_T2	0	0	0	0	0	0	-0.86	-0.88	0	0	0	0	0
2/4/2024 19:35	46202 DANV_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
2/4/2024 19:35	42202 SHEN_T2	0	2	2	0	0.5	0.5	0	0	0	0	0	0	0
2/4/2024 19:35	59202 THOM_T1	2	3	1	0.1	0.17	0.07	0	0	0	0	0	0	0
2/4/2024 19:35	67604 WARW_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
2/4/2024 19:35	40703 FFLD_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
2/4/2024 19:35	42803 SELI_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
2/4/2024 19:35	42701 AUGU_T1	1	1	0	0.2	0.4	0.2	0	0	0	0	0	0	0
2/4/2024 19:35	64801 MONE_T2	0	0	0	0	0	0	-0.26	-0.28	0	0	0	0	0
2/4/2024 19:35	43303 WATS_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
2/4/2024 19:35	43202 MVIL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
2/4/2024 19:35	64101 REFR_T1	0	0	0	0	0	0	-0.03	-0.01	0	0	0	0	0
2/4/2024 19:35	16302 ALPA_T2	0	0	0	0	0	0	-0.76	-0.8	0	0	0	0	0
2/4/2024 19:35	57401 SPAN_T1	0	0	0	0	0	0	-1.38	-1.45	0	0	0	0	0
2/4/2024 19:35	56802 BENV_T2	0	0	0	0	0	0	-1.26	-1.31	0	0	0	0	0
2/4/2024 19:35	54001 SDLE_T1	4	4	0	0.73	0.65	-0.08	0	0	0	0	0	0	0
2/4/2024 19:36	46201 DANV_T2	0	14	14	0	0	0	0	0	0	0	0	0	0
2/4/2024 19:36	43108 SMIL_T2	0	1	1	0	0	0	0	0	0	0	0	0	0
2/4/2024 19:36	43304 WATS_T2	5	5	0	0.16	0	-0.16	-0.53	-0.5	0	0	0	0	0
2/4/2024 19:36	59102 WALK_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
2/4/2024 19:36	58001 WCAR_T1	0	2	2	0	0.15	0.15	0	0	0	0	0	0	0
2/4/2024 19:36	60605 NCOL_T2	0	0	0	0	0	-2.78	-2.76	0	0	0	0	0	0
2/4/2024 19:36	59201 THOM_T1	2	0	-2	0.1	0	-0.1	0	0	0	0	0	0	0
2/4/2024 19:36	64101 REFR_T1	0	0	0	0	0	0	-0.02	-0.01	0	0	0	0	0
2/4/2024 19:36	67503 WEWI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
2/4/2024 19:36	57401 SPAN_T1	0	0	0	0	0	0	-1.38	-1.45	0	0	0	0	0
2/4/2024 19:36	46005 BERW_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
2/4/2024 19:36	57402 SPAN_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
2/4/2024 19:36	56501 ROCK_T2	2	2	0	0.35	2.6	2.25	-1.46	-1.47	0	0	0	0	0
2/4/2024 19:36	60602 NCOL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
2/4/2024 19:36	61302 EARL_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
2/4/2024 19:36	43402 BENT_T1	1	3	2	0.3	0	-0.3	-0.88	-0.89	0	0	0	0	0
2/4/2024 19:36	45502 DERR_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
2/4/2024 19:36	43302 WATS_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
2/4/2024 19:36	55002 NEWP_T1	5	5	0	1.12	1.2	0.08	-0.23	-0.23	0	0	0	0	0
2/4/2024 19:36	13701 SCHN_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
2/4/2024 19:36	56802 BENV_T2	0	0	0	0	0	0	-5.03	-5.24	0	0	0	0	0
2/4/2024 19:36	65502 MOJO_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
2/4/2024 19:36	42903 MIDD_T2	2	2	0	2.05	2.1	0.05	0	0	0	0	0	0	0
2/4/2024 19:36	42802 SELI_T1	0	0	0	0	0	0	-1.02	-1.01	0	0	0	0	0
2/4/2024 19:36	28602 BLYT_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
2/4/2024 19:36	62602 ENGL_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
2/4/2024 19:36	47401 PENS_T1	0	0	0	0	0	0	1.32	1.29	0	0	0	0	0
2/4/2024 19:36	40502 CRES_T2	4	8	4	0.13	0.26	0.13	-0.8	-0.82	0	0	0	0	0
2/4/2024 19:36	16402 MOPO_T1	2	3	1	0.55	0.2	-0.35	-0.09	-0.1	0	0	0	0	0
2/4/2024 19:36	17805 GILB_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
2/4/2024 19:36	61203 MGTN_T1	0	0	0	0	0	0	0.39	0.4	0	0	0	0	0
2/4/2024 19:36	20403 ASHF_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
2/4/2024 19:36	40903 JESH_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
2/4/2024 19:36	53903 HALI_T2	2	2	0	0.8	0.75	-0.05	-0.24	-0.24	0	0	0	0	0
2/4/2024 19:36	52503 PROG_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
2/4/2024 19:36	56504 ROCK_T2	0	0	0	0	0	0	-0.11	-0.18	0	0	0	0	0
2/4/2024 19:36	59302 MCAL_T1	0	0	0	0	0	0	-0.43	-0.4	0	0	0	0	0
2/4/2024 19:36	60201 ATGL_T2	0	0	0	0	0	0	1.01	0.9	0	0	0	0	0
2/4/2024 19:36	29402 BELT_T1	1	1	0	8.2	8.2	0	0	0	0	0	0	0	0
2/4/2024 19:36	15001 BLMO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
2/4/2024 19:37	57303 MOAL_T2	1	1	0	8.3	8	-0.3	0	0	0	0	0	0	0
2/4/2024 19:37	53901 HALI_T2	143	121	-22	0.57	0.4	-0.17	-1.42	-1.45	0	0	0	0	0
2/4/2024 19:37	65003 NEFF_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
2/4/2024 19:37	46206 DANV_T2	13	13	0	2.58	3	0.42	0	0	0	0	0	0	0
2/4/2024 19:37	55002 NEWP_T1	5	5	0	1.12	1.2	0.08	-0.23	-0.23	0	0	0	0	0
2/4/2024 19:37	10801 CHHI_T1	0	3	3	0	0	0	-0.84	-0.8	0	0	0	0	0
2/4/2024 19:37	56504 ROCK_T2	0	0	0	0	0	0	-0.11	-0.18	0	0	0	0	0
2/4/2024 19:37	56802 BENV_T2	0	0	0	0	0	0	-5.03	-5.24	0	0	0	0	0
2/4/2024 19:37	51103 CARL_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
2/4/2024 19:37	44301 BEAV_T2	13	13	0	0.45	0.52	0.07	-1.02	-1.03	0	0	0	0	0
2/4/2024 19:37	56503 ROCK_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
2/4/2024 19:37	58001 WCAR_T1	0	2	2	0	0.15	0.15	0	0	0	0	0	0	0
2/4/2024 19:37	66501 SMAN_T2	0	0	0	0	0	0	0	0	0	0	0	0	0

Appendix C - Grid Benefits Achieved in Each Instance of Active Management

2/4/2024 19:39	55001 NEWP_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/4/2024 19:39	43106 SMIL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/4/2024 19:39	64101 REFR_T1	0	0	0	0	0	0	-0.01	-0.01	0	0	0	0	0	0
2/4/2024 19:39	59402 RFLD_T2	0	0	0	0	0	0	-1.64	-1.66	0	0	0	0	0	0
2/4/2024 19:39	20402 ASHF_T2	1	1	0	0.2	0	-0.2	0	0	0	0	0	0	0	0
2/4/2024 19:39	43201 MVIL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/4/2024 19:39	67603 WARW_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/4/2024 19:39	67503 WEWI_T2	0	0	0	0	0	0	0.03	-0.27	0	0	0	0	0	0
2/4/2024 19:39	52504 PROG_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/4/2024 19:39	67503 WEWI_T2	0	0	0	0	0	0	0.03	-0.27	0	0	0	0	0	0
2/4/2024 19:39	60701 BREC_T1	0	0	0	0	0	0	-0.52	-0.52	0	0	0	0	0	0
2/4/2024 19:39	43001 ALWD_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/4/2024 19:39	45502 DERR_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/4/2024 19:39	56802 BENV_T2	0	0	0	0	0	0	-3.93	-3.87	0	0	0	0	0	0
2/4/2024 19:39	40101 HUNT_T2	14	8	-6	0.37	0.7	0.33	-0.48	-0.5	0	0	0	0	0	0
2/4/2024 19:40	56504 ROCK_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/4/2024 19:40	42802 SELI_T1	0	0	0	0	0	0	-2.02	-2	0	0	0	0	0	0
2/4/2024 19:40	51109 CARL_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/4/2024 19:40	53901 HALI_T2	143	121	-22	0.57	0.4	-0.17	-1.45	-1.42	0	0	0	0	0	0
2/4/2024 19:40	42903 MIDD_T2	2	2	0	2.05	2.1	0.05	0.02	0.02	0	0	0	0	0	0
2/4/2024 19:40	14403 SSLA_T1	1	1	0	0.2	0	-0.2	0.69	0.71	0	0	0	0	0	0
2/4/2024 19:40	40201 BEGA_T2	1	3	2	2.1	1.7	-0.4	0	0	0	0	0	0	0	0
2/4/2024 19:40	64204 KINZ_T1	1	1	0	1	1.2	0.2	0	0	0	0	0	0	0	0
2/4/2024 19:40	64402 LAND_T2	0	0	0	0	0	0	-0.69	-0.66	0	0	0	0	0	0
2/4/2024 19:40	47401 PENS_T1	0	0	0	0	0	0	1.93	2.01	0	0	0	0	0	0
2/4/2024 19:40	57401 SPAN_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/4/2024 19:40	43302 WATS_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/4/2024 19:40	56802 BENV_T2	0	0	0	0	0	0	-1.31	-1.29	0	0	0	0	0	0
2/4/2024 19:40	45701 LIND_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/4/2024 19:40	60902 DONG_T2	0	0	0	0	0	0	0.45	0.45	0	0	0	0	0	0
2/4/2024 19:40	42901 MIDD_T2	104	131	27	0.25	0.32	0.07	0	0	0	0	0	0	0	0
2/4/2024 19:40	14801 TREI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/4/2024 19:40	61304 EARL_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/4/2024 19:40	60701 BREC_T1	0	0	0	0	0	0	-0.52	-0.52	0	0	0	0	0	0
2/4/2024 19:40	52501 PROG_T1	0	0	0	0	0	0	-0.92	-0.87	0	0	0	0	0	0
2/4/2024 19:40	45501 DERR_T2	2	1	-1	0.2	0	-0.2	-0.39	-0.44	0	0	0	0	0	0
2/4/2024 19:40	41801 GOCI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/4/2024 19:40	60604 NCOL_T2	0	0	0	0	0	0	0.25	0.3	0	0	0	0	0	0
2/4/2024 19:40	40501 CRES_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/4/2024 19:40	43201 MVIL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/4/2024 19:40	45402 WBLO_T2	0	1	1	0	0.4	0.4	-1.2	-1.23	0	0	0	0	0	0
2/4/2024 19:41	56504 ROCK_T2	0	0	0	0	0	0	-0.18	-0.21	0	0	0	0	0	0
2/4/2024 19:41	66501 SMAN_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/4/2024 19:41	66703 STRA_T1	0	0	0	0	0	0	-0.4	-0.33	0	0	0	0	0	0
2/4/2024 19:41	43401 BENT_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/4/2024 19:41	43301 WATS_T2	0	0	0	0	0	0	-0.71	-0.72	0	0	0	0	0	0
2/4/2024 19:41	44301 BEAV_T2	13	13	0	0.45	0.52	0.07	-1.03	-1.04	0	0	0	0	0	0
2/4/2024 19:41	46803 HEPB_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/4/2024 19:41	52501 PROG_T1	0	0	0	0	0	0	-0.46	-0.44	0	0	0	0	0	0
2/4/2024 19:41	67505 WEWI_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/4/2024 19:41	43103 SMIL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/4/2024 19:41	54001 SDLE_T1	4	4	0	0.73	0.65	-0.08	0	0	0	0	0	0	0	0
2/4/2024 19:41	52503 PROG_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/4/2024 19:41	63202 MGTN_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/4/2024 19:41	43303 WATS_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/4/2024 19:41	63804 HEMP_T1	1	1	0	5.9	5.9	0	-0.5	-0.47	0	0	0	0	0	0
2/4/2024 19:41	57404 SPAN_T2	0	0	0	0	0	0	-0.42	-0.42	0	0	0	0	0	0
2/4/2024 19:41	43001 ALWD_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/4/2024 19:41	15001 BLMO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/4/2024 19:42	43303 WATS_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/4/2024 19:42	60101 COCA_T1	0	0	0	0	0	0	0.25	0.25	0	0	0	0	0	0
2/4/2024 19:42	67901 WNHO_T2	8	23	15	0.11	0.13	0.02	-0.62	-0.65	0	0	0	0	0	0
2/4/2024 19:42	64101 REFR_T1	0	0	0	0.2	0	-0.2	-0.02	-0.02	0	0	0	0	0	0
2/4/2024 19:42	42903 MIDD_T2	2	2	0	2.05	2.1	0.05	0.02	0.02	0	0	0	0	0	0
2/4/2024 19:42	53902 HALI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/4/2024 19:42	56501 ROCK_T2	2	2	0	0.35	2.6	2.25	-1.47	-1.48	0	0	0	0	0	0
2/4/2024 19:42	58401 MORO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/4/2024 19:42	57403 SPAN_T1	0	0	0	0	0	0	0.24	0.24	0	0	0	0	0	0
2/4/2024 19:42	41903 REED_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/4/2024 19:42	55001 NEWP_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/4/2024 19:42	64802 MONE_T2	1	1	0	0.1	0.9	0.8	-0.37	-0.39	0	0	0	0	0	0
2/4/2024 19:42	46205 DANV_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/4/2024 19:42	57403 SPAN_T1	0	0	0	0	0	0	0.24	0.24	0	0	0	0	0	0
2/4/2024 19:42	40101 HUNT_T2	14	8	-6	0.37	0.7	0.33	-0.48	-0.5	0	0	0	0	0	0
2/4/2024 19:42	46701 RENO_T1	2	79	77	4	0.33	-3.67	0	0	0	0	0	0	0	0
2/4/2024 19:42	56802 BENV_T2	0	0	0	0	0	0	-3.93	-3.87	0	0	0	0	0	0
2/4/2024 19:42	56801 BENV_T1	18	19	1	0.81	0.93	0.12	-0.66	-0.65	0	0	0	0	0	0
2/4/2024 19:43	53902 HALI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/4/2024 19:43	41903 REED_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/4/2024 19:43	44301 BEAV_T2	13	13	0	0.45	0.52	0.07	-1.03	-1.04	0	0	0	0	0	0
2/4/2024 19:44	13502 MCMI_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/4/2024 19:44	67603 WARW_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/4/2024 19:44	53902 HALI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/4/2024 19:44	58402 MORO_T1	1	0	-1	2.2	0	-2.2	-0.39	-0.41	0	0	0	0	0	0
2/4/2024 19:45	44301 BEAV_T2	12	12	0	0.49	0.53	0.04	0	0	0	0	0	0	0	0
2/4/2024 19:45	57401 SPAN_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/4/2024 19:45	52503 PROG_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/4/2024 19:45	43303 WATS_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/4/2024 19:45	54001 SDLE_T1	4	1	-3	0.65	0.2	-0.45	0	0	0	0	0	0	0	0
2/4/2024 19:46	45501 DERR_T2	1	1	0	0	0	0	-0.39	-0.44	0	0	0	0	0	0
2/4/2024 19:46	40101 HUNT_T2	3	8	5	0.7	0.55	-0.15	-0.48	-0.5	0	0	0	0	0	0
2/4/2024 19:47	65002 NEFF_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/4/2024 19:47	59102 WALK_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/4/2024 19:47	53902 HALI_T2	0	0	0	0	0	0	-0.98	-0.96	0	0	0	0	0	0
2/4/2024 19:47	53901 HALI_T2	88	118	30	0.26	0.41	0.15	0	0	0	0	0	0	0	0
2/4/2024 19:52	65001 NEFF_T2	0	0	0	0	0	0	-1.31	-1.33	0	0	0	0	0	0
2/4/2024 19:57	24806 VALM_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/4/2024 20:01	52502 PROG_T2	0	1	1	0	0.3	0.3	-0.6	-0.55	0	0	0	0	0	0
2/4/2024 20:03	65004 NEFF_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/4/2024 20:04	52502 PROG_T2	0	1	1	0	0.3	0.3	-0.6	-0.55	0	0	0	0	0	0
2/4/2024 20:12	13501 MCMI_T1	0	0	0	0	0	0	0.01	0	0	0	0	0	0	0
2/4/2024 20:13	57403 SPAN_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/4/2024 20:24	65003 NEFF_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/4/2024 20:27	56802 BENV_T2	0	1	1	0	0.1	0.1	-1.35	-1.29	0	0	0	0	0	0
2/4/2024 20:31	62602 ENGL_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/4/2024 20:32	62606 ENGL_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/4/2024 20:40	62601 ENGL_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/4/2024 20:45	59201 THOM_T1	5	6	1	0.18	0.22	0.04	0	0	0	0	0	0	0	0
2/4/2024 21:11	65003 NEFF_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/4/2024 21:22	65002 NEFF_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/4/2024 22:40	65004 NEFF_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/4/2024 23:10	42903 MIDD_T2	5	4	-1	1	1.25	0.25	0	0	0	0	0	0	0	0
2/4/2024 23:11	65001 NEFF_T2	18	182	164	0.15	0.18	0.03	-1.37	-1.42	0	0	0	0	0	0
2/4/2024 23:38	65002 NEFF_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/4/2024 23:54	65004 NEFF_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/5/2024 1:13	65002 NEFF_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/5/2024 2:42	65003 NEFF_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/5/2024 3:08	65003 NEFF_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/5/2024 3:42	65005 NEFF_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/5/2024 5:12	65001 NEFF_T2	0	0	0	0	0	0	-1.17	-1.1	0	0	0	0	0	0
2/5/2024 6:00	65002 NEFF_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/5/2024 6:05	59202 THOM_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/5/2024 7:03	65003 NEFF_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/5/2024 7:29	65001 NEFF_T2	0	0	0	0	0	0	-0.49	-0.57	0	0	0	0	0	0
2/5/2024 7:52	43401 BENT_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/5/2024 7:53	45502 DERR_T2	1	1	0	0.1	0	-0.1	0	0	0	0	0	0	0	0
2/5/2024 7:56	43402 BENT_T1	0	0	0	0	0	0	-1.52	-1.54	0	0	0	0	0	0
2/5/2024 8:02	25404 LAHA_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/5/2024 8:05	49803 UNIV_T1	0	0	0	0	0	0	-0.94	-0.9	0	0	0	0	0	0
2/5/2024 8:09	46204 DANV_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/5/2024 8:10	46205 DANV_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/5/2024 8:10	45501 DERR_T2	2	3	1	0.6	0	-0.6	1.06	0.95	0	0	0	0	0	0
2/5/2024 8:11	46203 DANV_T2	0	0	0	0	0	0	-0.68	-0.73	0	0	0	0	0	0
2/5/2024 8:12	46205 DANV_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/5/2024 8:12	28704 HAML_T2	4	9	5	0.83	0.19	-0.64	-0.7	-0.74	0	0	0	0	0	0
2/5/2024 8:16	53901 HALI_T2	0	88	88	0	0.28	0.28	-0.37	-1.49	0	0	0	0	0	0
2/5/2024 8:31	55001 NEWP_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/5/2024 8:32	55001 NEWP_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/5/2024 8:35	55002 NEWP_T1	6	7	1	0.8	0.57	-0.23	-0.18	-0.15	0	0	0	0	0	0
3/22/2023 10:00	56801 BENV_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/23/2023 10:00	12604 MACA_T1	0	0	0	0	0	0	0.27	0.26	0	0	0	0	0	0
3/23/2023 10:00	45901 AUBU_T1	0	0	0	0	0	0	1.24	1.24	0	0	0	0	0	0
3/23/2023 10:00	52503 PROG_T2	0	0	0	0	0	0	-0.69	-0.68	0	1	0	900	900	0
3/23/2023 14:34	47401 PENS_T1	0	46	46	0	0.2	0.2	0.73	0.78	0	0	0	0	0	0
3/23/2023 15:10	51303 WIND_T1	803	826	23	0.44	0.49	0.05	0	0	0	0	0	0	0	0
3/23/2023 15:19	42802 SELI_T1	0	0	0	0	0	0	-0.87	-0.84	0	1	0	900	900	0
3/23/2023 15:35	60803 BUCK_T1	3	2	-1	0.23	0.2	-0.03	-0.92	-0.95	1	1	0	600	600	0
3/23/2023 15:35	14801 TREI_T2	0	0	0	0	0	0	0.25	0.24	0	0	0	0	0	0
3/23/2023 15:40	59101 WALK_T2	0	0	0	0	0	0	1.54	1.67	0	0	0	0	0	0
3/23/2023 15:51	47401 PENS_T1	0	7	7	0	0.13	0.13	0.71	0.71	0	0	0	0	0	0
3/23/2023 15:58	65601 QVIL_T2	1	0	-1	0.1	0	-0.1	0	0	0	0	0	0	0	0
3/23/2023 15:58	57601 RUTH_T2	0	0	0	0	0	0	-0.81	-0.79	0	0	0	0	0	0
3/23/2023 16:52	51305 WIND_T1	47	68	21	0.11	0.14	0.03	0.2	0.22	0	0	0	0	0	0
3/23/2023 17:22	67605 WARW_T1	0	0	0	0	0	0	-0.68	-0.65	0	0	0	0	0	0
3/23/2023 20:25	47401 PENS_T1	0	0	0	0	0	0	0.65	0.67	0	0	0	0	0	0
3/23/2023 20:26	43402 BENT_T1	0	0	0	0	0	0	-0.94	-0.93	1	1	0	900	900	0
3/23/2023 20:44	41801 GOCI_T2	1	15	14	0.2	0.13	-0.07	0	0	0	0	0	0	0	0
3/23/2023 22:57	47401 PENS_T1	1	0	-1	0.1	0	-0.1	0.56	0.52	0	0	0	0	0	0
3/23/2023 23:25	67605 WARW_T1	0	0	0	0	0	0	-0.85	-0.88	0	0	0	0	0	0
3/24/2023 0:16	43402 BENT_T1	0	0	0	0	0	0	-0.95	-0.95	1	1	0	900	900	0
3/24/2023 0:19	42802 SELI_T1	1	1	0	0.5	0.8	0.3	-0.14	-0.13	0	0	0	0	0	0
3/24/2023 0:28	57602 RUTH_T2	2	2	0	0.1	0.3	0.2	0	0	0	0	0	0	0	0
3/24/2023 0:28	42802 SELI_T1	1	1	0	0.5	0.8	0.3	-0.14	-0.13	0	0	0	0	0	0
3/24/2023 0:28	43402 BENT_T1	0	0	0	0	0	0	-0.95	-0.97	1	1	0	900	900	0
3/24/2023 0:28	67605 WARW_T1	1	7	6	0.1	0.14	0.04	-0.93	-0.9	0	0	0	0	0	0
3/24/2023 0:28	65604 QVIL_T2	0	0	0	0	0	0	0.14	0.14	0	0	0	0	0	0
3/24/2023 0:28	47401 PENS_T1	0	0	0	0	0	0	0.88	0.9	0	0	0	0	0	0
3/24/2023 0:36	60801 BUCK_T1	176	186	10	0.49	0.6	0.11	0	0	0	0	0	0	0	0
3/24/2023 0:40	59101 WALK_T2	0	0	0	0	0	0	0.99	0.94	0	0	0	0	0	0
3/24/2023 0:41	14801 TREI_T2	0	0	0	0	0	0	0.19	0.19	0	0	0	0	0	0
3/24/2023 0:44	60801 BUCK_T1	176	186	10	0.49	0.6	0.11	0	0	0	0	0	0	0	0
3/24/2023 0:45	14801 TREI_T2	0	0	0	0	0	0	0.19	0.19	0	0	0	0	0	0
3/24/2023 0:47	59101 WALK_T2	0	0	0	0	0	0	0.99	0.94	0	0	0	0	0	0
3/24/2023 1:00	47401 PENS_T1	0	0	0	0	0	0	0.53	0.43	0	0	0	0	0	0
3/24/2023 1:05	67605 WARW_T1	11	12	1	0.34	0.25	-0.09	-0.94	-0.92	0	0	0	0	0	0
3/24/2023 1:07	47401 PENS_T1	0	0	0	0	0	0	0.43	0.45	0	0	0	0	0	0
3/24/2023 1:16	60803 BUCK_T1	0	0	0	0	0	0	-1.2	-1.17	1	1	0	600	600	0
3/24/2023 2:00	47401 PENS_T1	0	0	0	0	0	0	0.42	0.36	0	0	0	0	0	0
3/24/2023 3:20	59101 WALK_T2	0	0	0	0	0	0	1	0.99	0	0	0	0	0	0
3/24/2023 3:56	43402 BENT_T1	0	0	0	0	0	0	-0.95	-0.94	1	1	0	900	900	0
3/24/2023 3:57	47401 PENS_T1	0	0	0	0	0	0	0.43	0.4	0	0	0	0	0	0
3/24/2023 4:12	41801 GOCI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/24/2023 4:19	42802 SELI_T1	1	1	0	0.5	0.5	0	-0.09	-0.09	0	0

Appendix C - Grid Benefits Achieved in Each Instance of Active Management

2/5/2024 9:52	67402 WAKE_T2	0	0	0	0	0	0	0.44	0.4	0	0	0	0	0	0
2/5/2024 9:52	43802 WATS_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/5/2024 9:52	46701 RENO_T1	1	3	2	7.9	2.77	-5.13	0	0	0	0	0	0	0	0
2/5/2024 9:53	66901 SHIL_T2	81	179	98	0.15	0.23	0.08	-1.63	-1.63	0	0	0	0	0	0
2/5/2024 9:53	67502 WEWI_T2	2	2	0	0.45	0.5	0.05	0	0	0	0	0	0	0	0
2/5/2024 9:54	16302 ALPA_T2	0	0	0	0	0	0	2.25	2.12	0	0	0	0	0	0
2/5/2024 9:54	67001 STHI_T2	214	543	329	0.14	0.22	0.08	0	0	0	0	0	0	0	0
2/5/2024 9:54	15001 BLMO_T1	1	3	2	0.1	0.3	0.2	0	0	0	0	0	0	0	0
2/5/2024 9:55	43303 WATS_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/5/2024 9:55	16302 ALPA_T2	0	0	0	0	0	0	0.75	0.71	0	0	0	0	0	0
2/5/2024 9:55	10801 CHHI_T1	1	1	0	0.1	1.1	1	-0.63	-0.73	0	0	0	0	0	0
2/5/2024 9:55	29402 BELT_T1	15	78	63	0.91	0.39	-0.52	0	0	0	0	0	0	0	0
2/5/2024 9:56	20402 ASHF_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/5/2024 9:56	16302 ALPA_T2	0	0	0	0	0	0	0.75	0.71	0	0	0	0	0	0
2/5/2024 10:00	26402 INOR_T1	0	1	1	0	0.2	0.2	0	0	0	0	0	0	0	0
2/5/2024 10:03	57306 MOAL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/5/2024 10:03	56503 ROCK_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/5/2024 10:04	57401 SPAN_T1	33	44	11	0.21	0.31	0.1	-1.07	-1.07	0	0	0	0	0	0
2/5/2024 10:04	55002 NEWP_T1	7	9	2	0.71	0.92	0.21	-0.19	-0.16	0	0	0	0	0	0
2/5/2024 10:04	40603 PIGR_T1	0	0	0	0	0	0	0.37	0.35	0	0	0	0	0	0
2/5/2024 10:04	56503 ROCK_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/5/2024 10:04	57401 SPAN_T1	33	44	11	0.21	0.31	0.1	-1.07	-1.07	0	0	0	0	0	0
2/5/2024 10:04	66901 SHIL_T2	124	225	101	0.2	0.26	0.06	-1.63	-1.61	0	0	0	0	0	0
2/5/2024 10:04	52503 PROG_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/5/2024 10:04	67001 STHI_T2	364	569	205	0.16	0.23	0.07	0	0	0	0	0	0	0	0
2/5/2024 10:05	42204 SHEN_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/5/2024 10:05	67001 STHI_T2	364	569	205	0.16	0.23	0.07	0	0	0	0	0	0	0	0
2/5/2024 10:05	55002 NEWP_T1	7	9	2	0.71	0.92	0.21	-0.19	-0.16	0	0	0	0	0	0
2/5/2024 10:05	57301 MOAL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/5/2024 10:06	56504 ROCK_T2	0	1	1	0	0.2	0.2	0	0	0	0	0	0	0	0
2/5/2024 10:06	55002 NEWP_T1	7	9	2	0.71	0.92	0.21	-0.19	-0.16	0	0	0	0	0	0
2/5/2024 10:06	67202 TEHI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/5/2024 10:06	67001 STHI_T2	364	569	205	0.16	0.23	0.07	0	0	0	0	0	0	0	0
2/5/2024 10:07	56504 ROCK_T2	0	1	1	0	0.2	0.2	0	0	0	0	0	0	0	0
2/5/2024 10:07	55002 NEWP_T1	7	9	2	0.71	0.92	0.21	-0.19	-0.16	0	0	0	0	0	0
2/5/2024 10:07	67001 STHI_T2	364	569	205	0.16	0.23	0.07	0	0	0	0	0	0	0	0
2/5/2024 10:07	57403 SPAN_T1	0	3	3	0	0.13	0.13	0	0	0	0	0	0	0	0
2/5/2024 10:08	61102 BERK_T5	0	1	1	0	0.1	0.1	0	0	0	0	0	0	0	0
2/5/2024 10:08	56802 BENV_T2	4	23	19	0.4	0.25	-0.15	-3.64	-3.58	0	0	0	0	0	0
2/5/2024 10:08	67001 STHI_T2	364	569	205	0.16	0.23	0.07	0	0	0	0	0	0	0	0
2/5/2024 10:09	56501 ROCK_T2	25	121	96	0.17	0.2	0.03	-1.43	-1.44	0	0	0	0	0	0
2/5/2024 10:09	57401 SPAN_T1	33	44	11	0.21	0.31	0.1	-1.07	-1.07	0	0	0	0	0	0
2/5/2024 10:09	24901 WHHA_T1	1	1	0	0.1	0.8	0.7	0	0	0	0	0	0	0	0
2/5/2024 10:10	45502 DERR_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/5/2024 10:10	61103 BERK_T5	0	7	7	0	0.17	0.17	0.18	0.18	0	0	0	0	0	0
2/5/2024 10:10	57403 SPAN_T1	0	3	3	0	0.13	0.13	0	0	0	0	0	0	0	0
2/5/2024 10:10	43001 ALWD_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/5/2024 10:10	15001 BLMO_T1	1	3	2	0.1	0.37	0.27	0	0	0	0	0	0	0	0
2/5/2024 10:11	56802 BENV_T2	4	23	19	0.4	0.25	-0.15	-2.38	-2.48	0	0	0	0	0	0
2/5/2024 10:11	53502 EVIL_T2	1	1	0	1	0	-1	0	0	0	0	0	0	0	0
2/5/2024 10:12	56802 BENV_T2	4	23	19	0.4	0.25	-0.15	-1.19	-1.24	0	0	0	0	0	0
2/5/2024 10:13	45502 DERR_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/5/2024 10:14	53502 EVIL_T2	1	1	0	1	0	-1	0	0	0	0	0	0	0	0
2/5/2024 10:15	53502 EVIL_T2	1	1	0	1.1	0	-1.1	0	0	0	0	0	0	0	0
2/5/2024 10:15	43201 MVIL_T2	0	0	0	0	0	0	-0.3	-0.29	0	0	0	0	0	0
2/5/2024 10:15	43201 MVIL_T2	0	0	0	0	0	0	-0.3	-0.29	0	0	0	0	0	0
2/5/2024 10:16	64802 MONE_T2	2	18	16	0.3	0.29	-0.01	0.19	0.17	0	0	0	0	0	0
2/5/2024 10:16	65005 NEFF_T2	0	1	1	0	0.3	0.3	0	0	0	0	0	0	0	0
2/5/2024 10:16	43202 MVIL_T2	0	0	0	0	0	0	-0.53	-0.47	0	0	0	0	0	0
2/5/2024 10:18	46302 ROHR_T1	4	4	0	1.68	1.55	-0.13	0.22	0.24	0	0	0	0	0	0
2/5/2024 10:19	57403 SPAN_T1	1	5	4	0.2	0.22	0.02	0.13	0.13	0	0	0	0	0	0
2/5/2024 10:19	57403 SPAN_T1	1	5	4	0.2	0.22	0.02	0.13	0.13	0	0	0	0	0	0
2/5/2024 10:20	43301 WATS_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/5/2024 10:20	14401 SSLA_T1	0	1	1	0	0.4	0.4	0	0	0	0	0	0	0	0
2/5/2024 10:20	56501 ROCK_T2	80	121	41	0.17	0.19	0.02	-1.43	-1.44	0	0	0	0	0	0
2/5/2024 10:20	57401 SPAN_T1	36	40	4	0.31	0.28	-0.03	-1.07	-1.07	0	0	0	0	0	0
2/5/2024 10:21	56504 ROCK_T2	0	1	1	0	0.2	0.2	0	0	0	0	0	0	0	0
2/5/2024 10:21	65005 NEFF_T2	0	1	1	0	0.3	0.3	0	0	0	0	0	0	0	0
2/5/2024 10:21	66501 SMAN_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/5/2024 10:21	14403 SSLA_T1	0	1	1	0	0.1	0.1	0.81	0.79	0	0	0	0	0	0
2/5/2024 10:21	57403 SPAN_T1	1	5	4	0.2	0.22	0.02	0	0	0	0	0	0	0	0
2/5/2024 10:22	46301 ROHR_T1	0	3	3	0	0.23	0.23	0	0	0	0	0	0	0	0
2/5/2024 10:22	42701 AUGU_T1	0	1	1	0	0.5	0.5	0	0	0	0	0	0	0	0
2/5/2024 10:22	13302 ORVI_T2	8	2	-6	0.28	0.7	0.42	1.02	0.95	0	0	0	0	0	0
2/5/2024 10:22	15001 BLMO_T1	3	3	0	0.3	0.37	0.07	0	0	0	0	0	0	0	0
2/5/2024 10:23	20401 ASHF_T2	2	3	1	0.25	0.3	0.05	0	0	0	0	0	0	0	0
2/5/2024 10:23	57401 SPAN_T1	36	40	4	0.31	0.28	-0.03	-1.07	-1.07	0	0	0	0	0	0
2/5/2024 10:23	57401 SPAN_T1	36	40	4	0.31	0.28	-0.03	-1.07	-1.07	0	0	0	0	0	0
2/5/2024 10:24	46206 DANV_T2	13	13	0	3.42	3.72	0.3	0	0	0	0	0	0	0	0
2/5/2024 10:24	42701 AUGU_T1	0	1	1	0	0.5	0.5	0	0	0	0	0	0	0	0
2/5/2024 10:24	57401 SPAN_T1	36	40	4	0.31	0.28	-0.03	-2.14	-0.72	0	0	0	0	0	0
2/5/2024 10:25	56503 ROCK_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/5/2024 10:25	46201 DANV_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/5/2024 10:25	20401 ASHF_T2	2	3	1	0.25	0.3	0.05	0	0	0	0	0	0	0	0
2/5/2024 10:26	46201 DANV_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/5/2024 10:26	17804 GILB_T2	1	1	0	0.5	1.3	0.8	0	0	0	0	0	0	0	0
2/5/2024 10:26	41801 GOCI_T2	1	8	7	0.3	0.28	-0.02	0	0	0	0	0	0	0	0
2/5/2024 10:27	66502 SMAN_T2	1	2	1	0.2	0.35	0.15	0	0	0	0	0	0	0	0
2/5/2024 10:27	53903 HALI_T2	4	4	0	0.85	1.08	0.23	-0.26	-0.26	0	0	0	0	0	0
2/5/2024 10:28	26402 INOR_T1	0	1	1	0	0.4	0.4	0	0	0	0	0	0	0	0
2/5/2024 10:29	44302 BEAV_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/5/2024 10:29	41801 GOCI_T2	1	8	7	0.3	0.28	-0.02	0	0	0	0	0	0	0	0
2/5/2024 10:30	17803 GILB_T2	1	0	-1	0.2	0	-0.2	0	0	0	0	0	0	0	0
2/5/2024 10:30	16406 MOPO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/5/2024 10:30	53903 HALI_T2	4	4	0	1.05	0.98	-0.07	-0.13	-0.13	0	0	0	0	0	0
2/5/2024 10:30	40101 HUNT_T2	102	80	-22	0.54	0.46	-0.08	-0.59	-0.59	0	0	0	0	0	0
2/5/2024 10:31	40101 HUNT_T2	102	80	-22	0.54	0.46	-0.08	-0.59	-0.59	0	0	0	0	0	0
2/5/2024 10:31	59001 MIFF_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/5/2024 10:32	40601 PIGR_T1	6	15	9	0.3	0.25	-0.05	0	0	0	0	0	0	0	0
2/5/2024 10:33	42201 SHEN_T2	0	0	0	0	0	0	-0.48	-0.47	0	0	0	0	0	0
2/5/2024 10:33	53903 HALI_T2	4	4	0	1.05	0.98	-0.07	-0.13	-0.13	0	0	0	0	0	0
2/5/2024 10:33	13302 ORVI_T2	2	3	1	0.7	0.67	-0.03	0.95	1.04	0	0	0	0	0	0
2/5/2024 10:34	40602 PIGR_T1	0	1	1	0	0.2	0.2	-1.09	-1.11	0	0	0	0	0	0
2/5/2024 10:35	66902 SHIL_T2	31	0	-31	0.11	0	-0.11	0	0	0	0	0	0	0	0
2/5/2024 10:36	67503 WEWI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/5/2024 10:36	40603 PIGR_T1	0	2	2	0	0.15	0.15	0	0	0	0	0	0	0	0
2/5/2024 10:37	57403 SPAN_T1	3	5	2	0.13	0.24	0.11	0	0	0	0	0	0	0	0
2/5/2024 10:37	60201 ATGL_T2	0	0	0	0	0	0	-0.3	-0.27	0	0	0	0	0	0
2/5/2024 10:38	67502 WEWI_T2	2	2	0	0.4	0.75	0.35	-0.01	-0.02	0	0	0	0	0	0
2/5/2024 10:38	67603 WARW_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/5/2024 10:38	67502 WEWI_T2	2	2	0	0.4	0.75	0.35	-0.01	-0.02	0	0	0	0	0	0
2/5/2024 10:40	43001 ALWD_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/5/2024 10:41	54505 ENOL_T2	1	2	1	0.5	0.65	0.15	0	0	0	0	0	0	0	0
2/5/2024 10:42	64204 KINZ_T1	1	1	0	1.2	1.3	0.1	0	0	0	0	0	0	0	0
2/5/2024 10:42	40101 HUNT_T2	102	80	-22	0.54	0.46	-0.08	-0.59	-0.74	0	0	0	0	0	0
2/5/2024 10:43	54502 ENOL_T2	0	0	0	0	0	0	-1.15	-1.16	0	0	0	0	0	0
2/5/2024 10:43	53902 HALI_T2	0	1	1	0	0.1	0.1	0	0	0	0	0	0	0	0
2/5/2024 10:44	54504 ENOL_T2	0	0	0	0	0	0	-1.02	-1.01	0	0	0	0	0	0
2/5/2024 10:44	64702 LITI_T2	0	0	0	0	0	0	-0.77	-0.79	0	0	0	0	0	0
2/5/2024 10:45	54506 ENOL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/5/2024 10:46	64203 KINZ_T1	0	0	0	0	0	0	-0.18	-0.19	0	0	0	0	0	0
2/5/2024 10:46	54506 ENOL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/5/2024 10:46	53902 HALI_T2	0	1	1	0	0.1	0.1	0	0	0	0	0	0	0	0
2/5/2024 10:48	64703 LITI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/5/2024 10:48	13302 ORVI_T2	2	4	2	0.65	0.75	0.1	2.07	2.13	0	0	0	0	0	0
2/5/2024 10:49	13302 ORVI_T2	2	4	2	0.65	0.75	0.1	1.04	1.07	0	0	0	0	0	0
2/5/2024 10:50	60604 NCOL_T2	0	0	0	0	0	0	0.33	0.33	0	0	0	0	0	0
2/5/2024 10:50	43302 WATS_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/5/2024 10:50	49804 UNIV_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/5/2024 10:51	67502 WEWI_T2	2	2	0	0.7	1	0.3	0	0	0	0	0	0	0	0
2/5/2024 10:51	66701 STRA_T1	1	1	0	0.6	0.3	-0.3	0	0	0	0	0	0	0	0
2/5/2024 10:51	43303 WATS_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/5/2024 10:51	13302 ORVI_T2	2	4	2	0.65	0.75	0.1	1.04	1.07	0	0	0	0	0	0
2/5/2024 10:52	43303 WATS_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/5/2024 10:52	54206 PENN_T2	1	5	4	0.1	0.22	0.12	0	0	0	0	0	0	0	0
2/5/2024 10:53	43301 WATS_T2	0	0	0	0	0	0	-0.63	-0.64	0	0	0	0	0	0
2/5/2024 10:53	67604 WARW_T1	0	1	1	0	0.5	0.5	0	0	0	0	0	0	0	0
2/5/2024 10:53	43302 WATS_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/5/2024 10:53	60305 TWVA_T2	0	0	0	0	0	0	1.78	0.96	0	0	0	0	0	0
2/5/2024 10:53	43001 ALWD_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/5/2024 10:54	57401 SPAN_T1	14	51	37	0.34	0.34	0	0	0	0	0	0	0	0	0
2/5/2024 10:55	62605 ENGL_T1	1	0	-1	0.3	0	-0.3	0	0	0	0	0	0	0	0
2/5/2024 10:56	62605 ENGL_T1	1	0	-1	0.3	0	-0.3	0	0	0	0	0	0	0	0
2/5/2024 10:56	46002 BERW_T2	0	1	1	0	0.4	0.4	0	0	0	0	0	0	0	0
2/5/2024 10:58	52002 LING_T2	1	1	0	0.4	0.5	0.1	0	0	0	0	0	0	0	0
2/5/2024 10:58	62607 ENGL_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/5/2024 10:59	40101 HUNT_T2	78	64	-14	0.61	0.35	-0.26	-1.49	-1.45	0	0	0	0	0	0
2/5/2024 10:59	43001 ALWD_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/5/2024 10:59	62607 ENGL_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/5/2024 11:00	62607 ENGL_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/5/2024 11:01	42901 MIDD_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/5/2024 11:01	40101 HUNT_T2	56	46	-10	0.54	0.34	-0.2	-0.74	-0.73	0	0	0	0	0	0
2/5/2024 11:02	41902 REED_T1	1	3	2	0.2	0	-0.2	0	0	0	0	0	0	0	0
2/5/2024 11:02	40101 HUNT_T2	56	46	-10	0.54	0.34	-0.2	-0.74	-0.73	0	0	0	0	0	0
2/5/2024 11:03	52504 PROG_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/5/2024 11:03	65002 NEFF_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/5/2024 11:03	52006 LING_T2	1	3	2	0.3	0.3	0	0	0	0	0	0	0	0	0
2/5/2024 11:03	13501 MCMI_T1	0	0	0	0	0	0	-0.11	-0.09	0	0	0	0	0	0
2/5/2024 11:04	57401 SPAN_T1	23	55	32	0.37	0.33	-0.04	0	0	0	0	0	0	0	0
2/5/2024 11:04	41903 REED_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/5/2024 11:05	64902 MILL_T2	0	0	0	0	0	0	-0.69	-0.71	0	0	0	0	0	0
2/5/2024 11:05	41901 REED_T1	8	8	0	0.36	0.38	0.02	0	0	0	0	0	0	0	0
2/5/2024 11:06	57403 SPAN_T1	3	15	12	0.23	0.34	0.11	0.14	0.13	0	0	0	0	0	0
2/5/2024 11:07	41901 REED_T1	8	8	0	0.36	0.38	0.02	0	0	0	0	0	0	0	0
2/5/2024 11:07	57401 SPAN_T1	23	55	32	0.37	0.33	-0.04	0	0	0	0	0	0	0	0
2/5/2024 11:08	43302 WATS_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/5/2024 11:08	46002 BERW_T2	1	1	0	0.2	0.4	0.2	0	0	0	0	0	0	0	0
2/5/2024 11:08	55105 WERT_T1	0	1	1	0	0.4	0.4	-0.57	-0.57	0	0	0	0	0	0
2/5/2024 11:08	60801 BUCK_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/5/2024 11:09	53902 HALI_T2	1	0	-1	0.1	0	-0.1	0	0	0	0	0	0	0	0
2/5/2024 11:09	60801 BUCK_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/5/2024 11:10	60801 BUCK_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/5/2024 11:10	55105 WERT_T1	0	1	1	0	0.4	0.4	-0.57	-0.56	0	0	0	0	0	0
2/5/2024 11:10	59102 WALK_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/5/2024 11:13	41802 GOCI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/5/2024 11:13	54501 ENOL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/5/2024 11:13	54506 ENOL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/5/2024 11:13	17801 GILB_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/5/2024 11:14	43001 ALWD_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/5/2024 11:14	17804 GILB_T2	1	1	0	1	0.5	-0.5	-0.55	-0.56	0	0	0	0	0	0
2/5/2024 11:14	63

2/5/2024 11:25	60201 ATGL_T2	0	0	0	0	0	0	-0.25	-0.29	0	0	0	0	0	0
2/5/2024 11:26	54504 ENOL_T2	0	1	1	0	0.2	0.2	0	0	0	0	0	0	0	0
2/5/2024 11:26	64703 LITI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/5/2024 11:27	46003 BERW_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/5/2024 11:27	54506 ENOL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/5/2024 11:27	67401 WAKE_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/5/2024 11:28	54504 ENOL_T2	0	1	1	0	0.2	0.2	0	0	0	0	0	0	0	0
2/5/2024 11:28	54505 ENOL_T2	2	2	0	0.95	1.05	0.1	-1.2	-1.24	0	0	0	0	0	0
2/5/2024 11:28	54502 ENOL_T2	0	1	1	0	0.3	0.3	-1.16	-1.16	0	0	0	0	0	0
2/5/2024 11:29	54505 ENOL_T2	2	2	0	0.95	1.05	0.1	0	0	0	0	0	0	0	0
2/5/2024 11:29	54504 ENOL_T2	0	1	1	0	0.2	0.2	0	0	0	0	0	0	0	0
2/5/2024 11:29	24104 EHAZ_T1	100	148	48	0.31	0.35	0.04	0	0	0	0	0	0	0	0
2/5/2024 11:30	65502 MOJO_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/5/2024 11:30	43001 ALWD_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/5/2024 11:31	64903 MILL_T2	1	1	0	0.1	0.3	0.2	0	0	0	0	0	0	0	0
2/5/2024 11:32	60605 NCOL_T2	1	1	0	0.2	0.1	-0.1	-1.31	-1.34	0	0	0	0	0	0
2/5/2024 11:32	64301 LINC_T1	0	0	0	0	0	0	0.09	0.14	0	0	0	0	0	0
2/5/2024 11:32	64101 REFR_T1	2	2	0	0.3	0.35	0.05	-0.06	-0.03	0	0	0	0	0	0
2/5/2024 11:32	60604 NCOL_T2	0	0	0	0	0	0	0.29	0.29	0	0	0	0	0	0
2/5/2024 11:32	64301 LINC_T1	0	0	0	0	0	0	0.09	0.14	0	0	0	0	0	0
2/5/2024 11:32	13503 MCMI_T2	0	0	0	0	0	0	0.04	0.04	0	0	0	0	0	0
2/5/2024 11:33	16406 MOPO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/5/2024 11:33	60604 NCOL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/5/2024 11:33	13302 ORVI_T2	10	17	7	0.47	0.39	-0.08	2.59	2.52	0	0	0	0	0	0
2/5/2024 11:34	54204 PENN_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/5/2024 11:34	60604 NCOL_T2	0	0	0	0	0	0	0.29	0.29	0	0	0	0	0	0
2/5/2024 11:34	65502 MOJO_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/5/2024 11:34	64101 REFR_T1	2	2	0	0.3	0.35	0.05	-0.23	-0.1	0	0	0	0	0	0
2/5/2024 11:35	49804 UNIV_T1	0	1	1	0	0.3	0.3	0	0	0	0	0	0	0	0
2/5/2024 11:35	54202 PENN_T2	4	8	4	0.18	0.18	0	0	0	0	0	0	0	0	0
2/5/2024 11:35	24102 EHAZ_T1	1	2	1	0.2	0.25	0.05	0	0	0	0	0	0	0	0
2/5/2024 11:35	57401 SPAN_T1	18	61	43	0.34	0.31	-0.03	-0.41	-0.37	0	0	0	0	0	0
2/5/2024 11:35	64101 REFR_T1	2	2	0	0.3	0.35	0.05	-0.12	-0.05	0	0	0	0	0	0
2/5/2024 11:35	67204 TEHI_T2	0	1	1	0	0.5	0.5	-0.06	-0.1	0	0	0	0	0	0
2/5/2024 11:35	13302 ORVI_T2	10	17	7	0.47	0.39	-0.08	1.72	1.68	0	0	0	0	0	0
2/5/2024 11:36	54206 PENN_T2	9	12	3	0.28	0.3	0.02	0.03	0	0	0	0	0	0	0
2/5/2024 11:36	57401 SPAN_T1	18	61	43	0.34	0.31	-0.03	-0.41	-0.37	0	0	0	0	0	0
2/5/2024 11:36	64101 REFR_T1	2	2	0	0.3	0.35	0.05	-0.06	-0.03	0	0	0	0	0	0
2/5/2024 11:37	49803 UNIV_T1	0	0	0	0	0	0	-0.9	-0.99	0	0	0	0	0	0
2/5/2024 11:37	17002 RIRO_T2	2	3	1	0.85	0.53	-0.32	0.73	0.69	0	0	0	0	0	0
2/5/2024 11:37	57401 SPAN_T1	18	61	43	0.34	0.31	-0.03	-0.41	-0.37	0	0	0	0	0	0
2/5/2024 11:38	43001 ALWD_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/5/2024 11:38	46004 BERW_T2	2	1	-1	0.2	0.5	0.3	-0.2	-0.17	0	0	0	0	0	0
2/5/2024 11:38	60102 COCA_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/5/2024 11:38	57401 SPAN_T1	18	61	43	0.34	0.31	-0.03	-0.41	-0.37	0	0	0	0	0	0
2/5/2024 11:39	54206 PENN_T2	9	12	3	0.28	0.3	0.02	0	0	0	0	0	0	0	0
2/5/2024 11:39	57401 SPAN_T1	18	61	43	0.34	0.31	-0.03	-0.37	-0.34	0	0	0	0	0	0
2/5/2024 11:39	60701 BREC_T1	0	4	4	0	0.28	0.28	-0.36	-0.36	0	0	0	0	0	0
2/5/2024 11:39	59202 THOM_T1	1	2	1	6.8	0.1	-6.7	0	0	0	0	0	0	0	0
2/5/2024 11:40	54505 ENOL_T2	2	2	0	1	1.05	0.05	-1.24	-1.25	0	0	0	0	0	0
2/5/2024 11:40	57403 SPAN_T1	15	24	9	0.33	0.36	0.03	0	0	0	0	0	0	0	0
2/5/2024 11:40	60101 COCA_T1	0	0	0	0	0	0	0.78	0.88	0	0	0	0	0	0
2/5/2024 11:40	43001 ALWD_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/5/2024 11:41	54505 ENOL_T2	2	2	0	1	1.05	0.05	0	0	0	0	0	0	0	0
2/5/2024 11:41	54504 ENOL_T2	1	0	-1	0.2	0	-0.2	0	0	0	0	0	0	0	0
2/5/2024 11:41	54502 ENOL_T2	1	1	0	0.1	0.3	0.2	-1.16	-1.16	0	0	0	0	0	0
2/5/2024 11:41	60102 COCA_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/5/2024 11:41	60701 BREC_T1	0	4	4	0	0.28	0.28	-0.36	-0.36	0	0	0	0	0	0
2/5/2024 11:42	60701 BREC_T1	0	4	4	0	0.28	0.28	-0.72	-0.71	0	0	0	0	0	0
2/5/2024 11:43	54505 ENOL_T2	2	2	0	1	1.05	0.05	-1.24	-1.25	0	0	0	0	0	0
2/5/2024 11:43	54502 ENOL_T2	1	1	0	0.1	0.3	0.2	0	0	0	0	0	0	0	0
2/5/2024 11:43	40101 HUNT_T2	30	24	-6	0.33	0.34	0.01	-0.78	-0.73	0	0	0	0	0	0
2/5/2024 11:43	41801 GOCI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/5/2024 11:44	51302 WIND_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/5/2024 11:44	54505 ENOL_T2	2	2	0	1	1.05	0.05	-1.24	-1.25	0	0	0	0	0	0
2/5/2024 11:44	40101 HUNT_T2	30	24	-6	0.33	0.34	0.01	-0.78	-0.73	0	0	0	0	0	0
2/5/2024 11:44	54502 ENOL_T2	1	1	0	0.1	0.3	0.2	-2.32	-2.32	0	0	0	0	0	0
2/5/2024 11:45	54504 ENOL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/5/2024 11:45	54506 ENOL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/5/2024 11:45	65502 MOJO_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/5/2024 11:45	26401 INOR_T1	0	27	27	0	0.25	0.25	0.89	0.91	0	0	0	0	0	0
2/5/2024 11:45	40101 HUNT_T2	23	7	-16	0.54	0.28	-0.26	-0.78	-0.73	0	0	0	0	0	0
2/5/2024 11:45	13501 MCMI_T1	0	0	0	0	0	0	-0.11	-0.12	0	0	0	0	0	0
2/5/2024 11:45	59302 MCAL_T1	0	1	1	0	0	0	-0.14	-0.13	0	0	0	0	0	0
2/5/2024 11:45	41801 GOCI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/5/2024 11:45	43001 ALWD_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/5/2024 11:46	65503 MOJO_T2	0	2	2	0	0.85	0.85	-0.31	-0.34	0	0	0	0	0	0
2/5/2024 11:47	64903 MILL_T2	1	1	0	0.3	0.1	-0.2	0	0	0	0	0	0	0	0
2/5/2024 11:47	64303 LINC_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/5/2024 11:47	60701 BREC_T1	1	4	3	0.2	0.28	0.08	-0.36	-0.36	0	0	0	0	0	0
2/5/2024 11:47	26401 INOR_T1	0	27	27	0	0.25	0.25	0.89	0.91	0	0	0	0	0	0
2/5/2024 11:48	64303 LINC_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/5/2024 11:48	13503 MCMI_T2	0	0	0	0	0	0	0.04	0.04	0	0	0	0	0	0
2/5/2024 11:48	13302 ORVI_T2	16	15	-1	0.38	0.47	0.09	0.84	0.84	0	0	0	0	0	0
2/5/2024 11:48	42903 MIDD_T2	0	2	2	0	0.8	0.8	0.48	0.55	0	0	0	0	0	0
2/5/2024 11:48	64305 LINC_T1	2	0	-2	0.1	0	-0.1	-0.14	-0.06	0	0	0	0	0	0
2/5/2024 11:49	16406 MOPO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/5/2024 11:49	13302 ORVI_T2	16	15	-1	0.38	0.47	0.09	0.84	0.84	0	0	0	0	0	0
2/5/2024 11:50	49804 UNIV_T1	1	1	0	0.2	0.3	0.1	0	0	0	0	0	0	0	0
2/5/2024 11:51	27502 WEIS_T2	0	0	0	0	0	0	-0.61	-0.82	0	0	0	0	0	0
2/5/2024 11:51	13302 ORVI_T2	16	15	-1	0.38	0.47	0.09	1.68	1.67	0	0	0	0	0	0
2/5/2024 11:52	67503 WEWI_T2	0	0	0	0	0	0	-0.18	-0.11	0	0	0	0	0	0
2/5/2024 11:52	44302 BEAV_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/5/2024 11:52	67502 WEWI_T2	5	5	0	0.58	0.72	0.14	-0.2	-0.11	0	0	0	0	0	0
2/5/2024 11:52	67401 WAKE_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/5/2024 11:53	49804 UNIV_T1	1	1	0	0.2	0.3	0.1	0	0	0	0	0	0	0	0
2/5/2024 11:53	67503 WEWI_T2	0	0	0	0	0	0	-0.18	-0.11	0	0	0	0	0	0
2/5/2024 11:54	67503 WEWI_T2	0	0	0	0	0	0	-0.11	-0.23	0	0	0	0	0	0
2/5/2024 11:54	60101 COCA_T1	0	1	1	0	0.2	0.2	0.44	0.34	0	0	0	0	0	0
2/5/2024 11:55	67502 WEWI_T2	5	5	0	0.58	0.72	0.14	-0.06	-0.22	0	0	0	0	0	0
2/5/2024 11:55	44302 BEAV_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/5/2024 11:56	10707 CATA_T2	0	1	1	0	0.3	0.3	0	0	0	0	0	0	0	0
2/5/2024 11:56	44302 BEAV_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/5/2024 11:56	29401 BELT_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/5/2024 11:57	10707 CATA_T2	0	1	1	0	0.3	0.3	0	0	0	0	0	0	0	0
2/5/2024 11:59	67503 WEWI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/5/2024 12:01	45702 LIND_T2	1	1	0	1.2	1.1	-0.1	-0.4	-0.46	0	0	0	0	0	0
2/5/2024 12:01	13501 MCMI_T1	0	0	0	0	0	0	-0.12	-0.16	0	0	0	0	0	0
2/5/2024 12:01	65502 MOJO_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/5/2024 12:02	50504 MECH_T1	1	0	-1	0.3	0	-0.3	0	0	0	0	0	0	0	0
2/5/2024 12:03	64902 MILL_T2	0	0	0	0	0	0	0.23	0.22	0	0	0	0	0	0
2/5/2024 12:04	42903 MIDD_T2	0	2	2	0	0.95	0.95	0.55	-0.28	0	0	0	0	0	0
2/5/2024 12:05	50503 MECH_T1	3	0	-3	0.17	0	-0.17	0	0	0	0	0	0	0	0
2/5/2024 12:05	59201 THOM_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/5/2024 12:07	64303 LINC_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/5/2024 12:07	67503 WEWI_T2	0	0	0	0	0	0	-0.11	-0.23	0	0	0	0	0	0
2/5/2024 12:07	67503 WEWI_T2	0	0	0	0	0	0	-0.11	-0.23	0	0	0	0	0	0
2/5/2024 12:08	64305 LINC_T1	0	1	1	0	0.2	0.2	-0.06	-0.16	0	0	0	0	0	0
2/5/2024 12:09	67502 WEWI_T2	4	5	1	0.75	0.66	-0.09	0	0	0	0	0	0	0	0
2/5/2024 12:10	67503 WEWI_T2	0	0	0	0	0	0	-0.23	-0.27	0	0	0	0	0	0
2/5/2024 12:11	65005 NEFF_T2	1	1	0	0.7	0.4	-0.3	0	0	0	0	0	0	0	0
2/5/2024 12:11	45802 HEGI_T2	0	0	0	0	0	0	1.8	1.7	0	0	0	0	0	0
2/5/2024 12:11	67503 WEWI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/5/2024 12:11	60101 COCA_T1	0	1	1	0	0.4	0.4	0.34	0.35	0	0	0	0	0	0
2/5/2024 12:12	60101 COCA_T1	0	1	1	0	0.4	0.4	0.34	0.35	0	0	0	0	0	0
2/5/2024 12:12	40101 HUNT_T2	6	6	0	0.32	0	-0.32	-0.77	-0.77	0	0	0	0	0	0
2/5/2024 12:12	29402 BELT_T1	6	35	29	1.98	0.59	-1.39	0	0	0	0	0	0	0	0
2/5/2024 12:14	42901 MIDD_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/5/2024 12:14	66303 MCGO_T2	0	1	1	0	0.2	0.2	0	0	0	0	0	0	0	0
2/5/2024 12:15	40101 HUNT_T2	5	5	0	0.46	0	-0.46	-0.77	-0.77	0	0	0	0	0	0
2/5/2024 12:16	40101 HUNT_T2	5	5	0	0.46	0	-0.46	-0.77	-0.77	0	0	0	0	0	0
2/5/2024 12:16	16103 BING_T2	1	1	0	0.4	0.6	0.2	0	0	0	0	0	0	0	0
2/5/2024 12:18	40101 HUNT_T2	5	5	0	0.46	0	-0.46	-0.77	-0.77	0	0	0	0	0	0
2/5/2024 12:21	14403 SSLA_T1	3	3	0	0.43	0.47	0.04	1.21	1.19	0	0	0	0	0	0
2/5/2024 12:21	54206 PENN_T2	2	7	5	0.3	0.26	-0.04	0	0	0	0	0	0	0	0
2/5/2024 12:21	14802 TREI_T2	1	3	2	0.7	0.3	-0.4	0.68	0.66	0	0	0	0	0	0
2/5/2024 12:22	67402 WAKE_T2	0	0	0	0	0	0	0.49	0.46	0	0	0	0	0	0
2/5/2024 12:22	44301 BEAV_T2	0	2	2	0	0	0	-1.36	-1.18	0	0	0	0	0	0
2/5/2024 12:22	49803 UNIV_T1	0	0	0	0	0	0	-1.13	-1.08	0	0	0	0	0	0
2/5/2024 12:23	44302 BEAV_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/5/2024 12:24	49803 UNIV_T1	0	0	0	0	0	0	-1.08	-1.11	0	0	0	0	0	0
2/5/2024 12:24	67402 WAKE_T2	0	0	0	0	0	0	0.46	0.48	0	0	0	0	0	0
2/5/2024 12:27	64305 LINC_T1	0	1	1	0	0.2	0.2	-0.2	-0.22	0	0	0	0	0	0
2/5/2024 12:28	64301 LINC_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/5/2024 12:30	67401 WAKE_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/5/2024 12:31	28805 LAKE_T1	5	9	4	0.12	0.17	0.05	-0.46	-0.48	0	0	0	0	0	0
2/5/2024 12:32	65502 MOJO_T2	0	2	2	0	0.1	0.1	0	0	0	0	0	0	0	0
2/5/2024 12:33	65502 MOJO_T2	0	2	2	0	0.1	0.1	0	0	0	0	0	0	0	0
2/5/2024 12:35	13903 SEID_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/5/2024 12:48	65002 NEFF_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/5/2024 12:48	13502 MCMI_T1	2	4	2	0.7	0.53	-0.17	0	0	0	0	0	0	0	0
2/5/2024 12:52	64101 REFR_T1	0	1	1	0	0.1	0.1	-0.11	-0.12	0	0	0	0	0	0
2/5/2024 12:57	60101 COCA_T1	2	4	2	0.2	0.25	0.05	0.39	0.34	0	0	0	0	0	0
2/5/2024 13:00	63801 HEMP_T1	3	4	1	0.53	0.45	-0.08	0	0	0	0	0	0	0	0
2/5/2024 13:05	13502 MCMI_T1	3	4	1	0.5	0.43	-0.07	0	0	0	0	0	0	0	0
2/5/2024 13:05	41902 REED_T1	0	0	0	0	0	0	2.32	2.46	0	0	0	0	0	0
2/5/2024 13:06	41902 REED_T1	0	0	0	0	0	0	1.16	1.23	0	0	0	0	0	0
2/5/2024 13:07	49804 UNIV_T1	2	2	0	0.3	0.3	0	0.59	0.54	0	0	0	0	0	0
2/5/2024 13:08	14404 SSLA_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/5/2024 13:08	13502 MCMI_T1	3	4	1	0.5	0.43	-0.07	0	0	0	0	0	0	0	0
2/5/2024 13:16	13503 MCMI_T2	0	0	0	0	0	0	0.04	0	0	0	0	0	0	0
2/5/2024 13:18	13102 NHAM_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/5/2024 13:23	14402 SSLA_T1	1	2	1	0.2	0.5	0.3	0	0	0	0	0	0	0	0
2/5/2024 13:30	26402 INOR_T1	4	5	1	0.55	0.66	0.11	0	0	0	0	0	0	0	0
2/5/2024 13:32	26401 INOR_T1	0	0	0	0	0	0	0.82	0.81	0	0	0	0	0	0
2/5/2024 13:33	13102 NHAM_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/5/2024 13:36	59202 THOM_T1	1	2	1	0.4	1	0.6	0	0	0	0	0	0	0	0
2/5/2024 13:38	67401 WAKE_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/5/2024 13:43	67402 WAKE_T2	0	0	0	0	0	0	0.48	0.39	0	0	0	0	0	0
2/5/2024 13:45	13502 MCMI_T1	6	7	1	0.33	0.3	-0.03	0	0	0	0	0	0	0	0
2/5/2024 13:46	13502 MCMI_T1	6	7	1	0.33	0.3	-0.03	0	0	0	0	0	0	0	0
2/5/2024 13:51	54206 PENN_T2	11	15	4	0.34	0.29	-0.05	0	0	0	0	0	0	0	0
2/5/2024 13:51	14801 TREI_T2	1	2	1	1	0.55	-0.45	0.27	0.23	0	0	0	0	0	0
2/5/2024 13:54	67401 WAKE_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/5/2024 13:55	17002 RIRO_T2	2	3	1	0.35	0.27	-0.08	0.54	0.46	0	0	0	0	0	0
2/5/2024 13:58	26401 INOR_T1	0	0	0	0	0	0	0.8	0.84	0	0	0	0	0	0
2/5/2024 13:59	67402 WAKE_T2	0	1	1	0	0.1	0.1	0.39	0.4	0	0	0	0	0	0
2/5/2024 14:02	40101 HUNT_T2	17	70	53	0.22	0.53	0.31	-0.6	-0.36	0	0	0	0	0	0
2/5/2024 14:04	46302 ROHR_T1	7	6	-1	1.57	1.7	0.13	0.18	0.2	0	0	0	0	0	0
2/5/2024 14:

2/5/2024 14:17	45703 LIND_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/5/2024 14:17	47403 PENS_T1	1	5	4	1.9	0.58	-1.32	0	0	0	0	0	0	0	0
2/5/2024 14:17	43201 MVIL_T2	1	0	-1	0.2	0	-0.2	0	0	0	0	0	0	0	0
2/5/2024 14:18	43001 ALWD_T1	1	6	5	0.6	0.17	-0.43	0	0	0	0	0	0	0	0
2/5/2024 14:18	58401 MORO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/5/2024 14:18	47402 PENS_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/5/2024 14:18	13302 ORVI_T2	6	4	-2	0.8	0.88	0.08	0.76	0.77	0	0	0	0	0	0
2/5/2024 14:20	47403 PENS_T1	1	5	4	1.9	0.58	-1.32	0	0	0	0	0	0	0	0
2/5/2024 14:20	67401 WAKE_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/5/2024 14:20	64101 REFR_T1	0	0	0	0	0	-0.11	-0.16	0	0	0	0	0	0	0
2/5/2024 14:21	57403 SPAN_T1	1	1	0	0.1	0.2	0.1	0.14	0.14	0	0	0	0	0	0
2/5/2024 14:21	57403 SPAN_T1	1	1	0	0.1	0.2	0.1	0.14	0.14	0	0	0	0	0	0
2/5/2024 14:21	43001 ALWD_T1	1	6	5	0.6	0.17	-0.43	0	0	0	0	0	0	0	0
2/5/2024 14:21	13302 ORVI_T2	6	4	-2	0.8	0.88	0.08	1.52	1.54	0	0	0	0	0	0
2/5/2024 14:21	64101 REFR_T1	0	0	0	0	0	0	-0.22	-0.33	0	0	0	0	0	0
2/5/2024 14:22	44904 SCOT_T1	0	0	0	0	0	0	0.55	0.59	0	0	0	0	0	0
2/5/2024 14:22	47402 PENS_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/5/2024 14:22	67402 WAKE_T2	1	0	-1	0.1	0	-0.1	0.4	0.42	0	0	0	0	0	0
2/5/2024 14:22	67503 WEWI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/5/2024 14:22	44301 BEAV_T2	0	0	0	0	0	0	-0.06	-0.92	0	0	0	0	0	0
2/5/2024 14:22	64101 REFR_T1	0	0	0	0	0	0	-0.33	-0.49	0	0	0	0	0	0
2/5/2024 14:22	58401 MORO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/5/2024 14:22	17002 RIRO_T2	3	3	0	0.27	0.23	-0.04	0.46	0.5	0	0	0	0	0	0
2/5/2024 14:23	57403 SPAN_T1	1	1	0	0.1	0.2	0.1	0	0	0	0	0	0	0	0
2/5/2024 14:23	27502 WEIS_T2	0	0	0	0	0	0	-0.5	-0.52	0	0	0	0	0	0
2/5/2024 14:23	60801 BUCK_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/5/2024 14:23	43001 ALWD_T1	1	6	5	0.6	0.17	-0.43	0	0	0	0	0	0	0	0
2/5/2024 14:23	67902 WNHO_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/5/2024 14:23	29402 BELT_T1	186	129	-57	0.37	0.33	-0.04	0	0	0	0	0	0	0	0
2/5/2024 14:23	64101 REFR_T1	0	0	0	0	0	0	-0.22	-0.33	0	0	0	0	0	0
2/5/2024 14:24	67503 WEWI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/5/2024 14:24	60803 BUCK_T1	0	1	1	0	0.1	0.1	-0.54	-0.53	0	0	0	0	0	0
2/5/2024 14:25	60801 BUCK_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/5/2024 14:25	67401 WAKE_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/5/2024 14:25	57403 SPAN_T1	1	1	0	0.1	0.2	0.1	0	0	0	0	0	0	0	0
2/5/2024 14:25	41802 GOCI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/5/2024 14:26	13903 SEID_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/5/2024 14:26	53501 EVIL_T2	9	9	0	0.63	0.86	0.23	-2.06	-2.42	0	0	0	0	0	0
2/5/2024 14:26	60102 COCA_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/5/2024 14:27	60102 COCA_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/5/2024 14:27	53502 EVIL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/5/2024 14:27	54506 ENOL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/5/2024 14:27	16103 BING_T2	1	1	0	0.1	0.2	0.1	0	0	0	0	0	0	0	0
2/5/2024 14:27	17804 GILB_T2	1	2	1	1.6	0.7	-0.9	-0.57	-0.57	0	0	0	0	0	0
2/5/2024 14:27	17801 GILB_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/5/2024 14:27	17803 GILB_T2	8	15	7	0.16	0.22	0.06	0	0	0	0	0	0	0	0
2/5/2024 14:28	41802 GOCI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/5/2024 14:28	54503 ENOL_T2	0	0	0	0	0	0	-3.75	-3.69	0	0	0	0	0	0
2/5/2024 14:28	54503 ENOL_T2	0	0	0	0	0	0	-3.75	-3.69	0	0	0	0	0	0
2/5/2024 14:28	54506 ENOL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/5/2024 14:28	60101 COCA_T1	1	0	-1	0.1	0	-0.1	0.29	0.28	0	0	0	0	0	0
2/5/2024 14:28	63602 LETO_T1	21	0	-21	0.11	0	-0.11	-0.43	-0.46	0	0	0	0	0	0
2/5/2024 14:28	53501 EVIL_T2	9	9	0	0.63	0.86	0.23	-1.03	-1.21	0	0	0	0	0	0
2/5/2024 14:28	43001 ALWD_T1	1	6	5	0.6	0.17	-0.43	0	0	0	0	0	0	0	0
2/5/2024 14:29	54501 ENOL_T2	0	3	3	0	0.2	0.2	0.08	0.09	0	0	0	0	0	0
2/5/2024 14:29	54503 ENOL_T2	0	0	0	0	0	0	-1.25	-1.23	0	0	0	0	0	0
2/5/2024 14:29	40101 HUNT_T2	69	28	-41	0.49	0.52	0.03	-0.32	-0.37	0	0	0	0	0	0
2/5/2024 14:29	17801 GILB_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/5/2024 14:29	53501 EVIL_T2	9	9	0	0.63	0.86	0.23	-1.03	-1.21	0	0	0	0	0	0
2/5/2024 14:30	54506 ENOL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/5/2024 14:30	24103 EHAZ_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/5/2024 14:30	63601 LETO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/5/2024 14:30	64303 LINC_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/5/2024 14:30	64101 REFR_T1	0	0	0	0	0	0	-0.16	-0.13	0	0	0	0	0	0
2/5/2024 14:31	16402 MOPO_T1	1	0	-1	0.1	0	-0.1	0.17	0.14	0	0	0	0	0	0
2/5/2024 14:31	47403 PENS_T1	1	4	3	2	0.23	-1.77	0	0	0	0	0	0	0	0
2/5/2024 14:31	28805 LAKE_T1	13	12	-1	0.22	0.18	-0.04	-0.25	-0.24	0	0	0	0	0	0
2/5/2024 14:31	64305 LINC_T1	0	0	0	0	0	0	-0.12	-0.08	0	0	0	0	0	0
2/5/2024 14:32	17803 GILB_T2	14	27	13	0.23	0.28	0.05	0	0	0	0	0	0	0	0
2/5/2024 14:32	28805 LAKE_T1	13	12	-1	0.22	0.18	-0.04	-0.25	-0.24	0	0	0	0	0	0
2/5/2024 14:32	58401 MORO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/5/2024 14:32	47401 PENS_T1	0	1	1	0	0.5	0.5	2.61	2.76	0	0	0	0	0	0
2/5/2024 14:32	17002 RIRO_T2	3	2	-1	0.23	0.1	-0.13	0.5	0.49	0	0	0	0	0	0
2/5/2024 14:33	59001 MIFF_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/5/2024 14:33	47402 PENS_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/5/2024 14:33	12701 MACU_T1	0	0	0	0	0	0	0.03	0.01	0	0	0	0	0	0
2/5/2024 14:34	13302 ORVI_T2	4	3	-1	0.88	0.87	-0.01	0.77	0.74	0	0	0	0	0	0
2/5/2024 14:34	12701 MACU_T1	0	0	0	0	0	0	0.09	0.03	0	0	0	0	0	0
2/5/2024 14:36	57403 SPAN_T1	0	1	1	0	0.2	0.2	0.05	0.03	0	0	0	0	0	0
2/5/2024 14:36	47402 PENS_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/5/2024 14:36	67401 WAKE_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/5/2024 14:36	46302 ROHR_T1	5	9	4	2.02	1.23	-0.79	0.19	0.21	0	0	0	0	0	0
2/5/2024 14:36	24103 EHAZ_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/5/2024 14:37	43001 ALWD_T1	1	12	11	0.3	0.2	-0.1	0	0	0	0	0	0	0	0
2/5/2024 14:37	67402 WAKE_T2	0	0	0	0	0	0	0.42	-0.1	0	0	0	0	0	0
2/5/2024 14:37	57403 SPAN_T1	0	1	1	0	0.2	0.2	0.1	0.05	0	0	0	0	0	0
2/5/2024 14:37	57403 SPAN_T1	2	2	0	0.25	0.25	0	-0.86	-0.85	0	0	0	0	0	0
2/5/2024 14:37	67503 WEWI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/5/2024 14:38	60101 COCA_T1	0	0	0	0	0	0	0.29	0.28	0	0	0	0	0	0
2/5/2024 14:38	51102 CARL_T1	2	1	-1	0.1	0.1	0	0	0	0	0	0	0	0	0
2/5/2024 14:38	44801 EDAN_T2	1	1	0	0.2	0.3	0.1	0	0	0	0	0	0	0	0
2/5/2024 14:38	57403 SPAN_T1	0	1	1	0	0.2	0.2	0	0	0	0	0	0	0	0
2/5/2024 14:38	49803 UNIV_T1	0	0	0	0	0	0	-1.09	-1.07	0	0	0	0	0	0
2/5/2024 14:38	67503 WEWI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/5/2024 14:39	16301 ALPA_T1	45	46	1	0.18	0.17	-0.01	-0.4	-0.43	0	0	0	0	0	0
2/5/2024 14:39	60102 COCA_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/5/2024 14:39	67502 WEWI_T2	1	2	1	0.2	0.45	0.25	-0.13	-0.23	0	0	0	0	0	0
2/5/2024 14:39	56802 BENV_T2	1	1	0	0.7	0.8	0.1	-0.68	-0.67	0	0	0	0	0	0
2/5/2024 14:39	44802 EDAN_T2	0	0	0	0	0	0	-2.25	-2.23	0	0	0	0	0	0
2/5/2024 14:39	29401 BELT_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/5/2024 14:39	57401 SPAN_T1	2	2	0	0.25	0.25	0	-0.85	-0.88	0	0	0	0	0	0
2/5/2024 14:39	60801 BUCK_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/5/2024 14:39	43001 ALWD_T1	1	12	11	0.3	0.2	-0.1	0	0	0	0	0	0	0	0
2/5/2024 14:39	67401 WAKE_T2	0	0	0	0	0	0	-1.11	-1.14	0	0	0	0	0	0
2/5/2024 14:40	41601 CLEV_T1	1	1	0	0.4	0.4	0	0	0	0	0	0	0	0	0
2/5/2024 14:40	60803 BUCK_T1	0	1	1	0	0.1	0.1	-1.06	-1.08	0	0	0	0	0	0
2/5/2024 14:40	67503 WEWI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/5/2024 14:40	49803 UNIV_T1	0	0	0	0	0	0	-1.09	-1.07	0	0	0	0	0	0
2/5/2024 14:41	54502 ENOL_T2	1	1	0	0.1	0.1	0	0	0	0	0	0	0	0	0
2/5/2024 14:41	27502 WEIS_T2	0	0	0	0	0	0	-1.03	-1.17	0	0	0	0	0	0
2/5/2024 14:41	67401 WAKE_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/5/2024 14:41	41601 CLEV_T1	1	1	0	0.4	0.4	0	0	0	0	0	0	0	0	0
2/5/2024 14:41	57403 SPAN_T1	0	1	1	0	0.2	0.2	0	0	0	0	0	0	0	0
2/5/2024 14:41	44801 EDAN_T2	1	1	0	0.2	0.3	0.1	0	0	0	0	0	0	0	0
2/5/2024 14:41	60101 COCA_T1	0	0	0	0	0	0	0.28	0.29	0	0	0	0	0	0
2/5/2024 14:42	51104 CARL_T1	1	1	0	0	0	0	0	0	0	0	0	0	0	0
2/5/2024 14:42	41801 GOCI_T2	50	179	129	0.22	0.3	0.08	0	0	0	0	0	0	0	0
2/5/2024 14:42	44802 EDAN_T2	0	0	0	0	0	0	-4.5	-4.46	0	0	0	0	0	0
2/5/2024 14:42	26402 INOR_T1	3	5	2	0.3	0.3	0	-1.02	-1.04	0	0	0	0	0	0
2/5/2024 14:43	45704 LIND_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/5/2024 14:43	44802 EDAN_T2	0	0	0	0	0	0	-2.25	-2.23	0	0	0	0	0	0
2/5/2024 14:43	54505 ENOL_T2	2	1	-1	0.7	1.3	0.6	-2.66	-2.68	0	0	0	0	0	0
2/5/2024 14:43	54503 ENOL_T2	0	0	0	0	0	0	-2.46	-2.44	0	0	0	0	0	0
2/5/2024 14:43	26402 INOR_T1	3	5	2	0.3	0.3	0	-1.02	-1.04	0	0	0	0	0	0
2/5/2024 14:43	17804 GILB_T2	1	2	1	1.3	0.65	-0.65	-0.57	-0.59	0	0	0	0	0	0
2/5/2024 14:43	17801 GILB_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/5/2024 14:44	26401 INOR_T1	0	0	0	0	0	0	0.8	0.82	0	0	0	0	0	0
2/5/2024 14:44	54503 ENOL_T2	0	0	0	0	0	0	-1.23	-1.22	0	0	0	0	0	0
2/5/2024 14:44	12704 MACU_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/5/2024 14:44	54502 ENOL_T2	1	1	0	0.1	0.1	0	0	0	0	0	0	0	0	0
2/5/2024 14:44	54502 ENOL_T2	1	1	0	0.1	0.1	0	0	0	0	0	0	0	0	0
2/5/2024 14:44	43001 ALWD_T1	1	12	11	0.3	0.2	-0.1	0	0	0	0	0	0	0	0
2/5/2024 14:44	64702 LITI_T2	0	0	0	0	0	0	-0.84	-0.78	0	0	0	0	0	0
2/5/2024 14:44	41802 GOCI_T2	0	1	1	0	0.1	0.1	0	0	0	0	0	0	0	0
2/5/2024 14:45	17802 GILB_T1	2	2	0	0.15	0.15	0	0.22	0.26	0	0	0	0	0	0
2/5/2024 14:45	54503 ENOL_T2	0	0	0	0	0	0	-1.23	-1.22	0	0	0	0	0	0
2/5/2024 14:45	54504 ENOL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/5/2024 14:45	12704 MACU_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/5/2024 14:45	26402 INOR_T1	4	4	0	0.23	0.35	0.12	0	0	0	0	0	0	0	0
2/5/2024 14:46	54506 ENOL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/5/2024 14:46	24104 EHAZ_T1	275	216	-59	0.4	0.36	-0.04	0	0	0	0	0	0	0	0
2/5/2024 14:47	46505 LOHA_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/5/2024 14:47	43202 MVIL_T2	93	90	-3	0.6	0.72	0.12	-0.61	-0.59	0	0	0	0	0	0
2/5/2024 14:47	25503 MADI_T1	0	0	0	0	0	0	-1.02	-1.01	0	0	0	0	0	0
2/5/2024 14:47	58401 MORO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/5/2024 14:47	43201 MVIL_T2	0	0	0	0	0	0	-0.37	-0.39	0	0	0	0	0	0
2/5/2024 14:47	40901 JESH_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/5/2024 14:48	44905 SCOT_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/5/2024 14:48	65001 NEFF_T2	80	208	128	0.13	0.2	0.07	-0.56	-0.65	0	0	0	0	0	0
2/5/2024 14:48	47403 PENS_T1	4	3	-1	0.23	0.27	0.04	0	0	0	0	0	0	0	0
2/5/2024 14:48	16402 MOPO_T1	0	0	0	0	0	0	0.14	0.18	0	0	0	0	0	0
2/5/2024 14:48	12704 MACU_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/5/2024 14:48	43202 MVIL_T2	93	90	-3	0.6	0.72	0.12	-0.61	-0.59	0	0	0	0	0	0
2/5/2024 14:48	64101 REFR_T1	0	0	0	0	0	0	-0.27	-0.17	0	0	0	0	0	0
2/5/2024 14:49	66503 SMAN_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/5/2024 14:49	47401 PENS_T1	1	1	0	0.2	0.5	0.3	0.92	0.86	0	0	0	0	0	0
2/5/2024 14:49	55001 NEWP_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/5/2024 14:49	43201 MVIL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/5/2024 14:49	46302 ROHR_T1	6	7	1	1.67	1.33	-0.34	0.21	0.19	0	0	0	0	0	0
2/5/2024 14:49	64101 REFR_T1	0	0	0	0	0	0	-0.4	-0.25	0	0	0	0	0	0
2/5/2024 14:49	65503 MOJO_T2	2	6	4	0.15	0.28	0.13	-2.75	-2.85	0	0	0	0	0	0
2/5/2024 14:49	13302 ORVI_T2	3	4	1	0.87	0.7	-0.17	0.74	0.76	0	0	0	0	0	0
2/5/2024 14:50	55002 NEWP_T1	5	2	-3	0.3	0.8	0.5	-0.18	-0.21	0	0	0	0	0	0
2/5/2024 14:50	65803 RTWN_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/5/2024 14:50	64303 LINC_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/5/2024 14:50	41902 REED_T1	0	0	0	0	0	0	2.4	2.38	0	0	0	0	0	0
2/5/2024 14:50	13302 ORVI_T2	3	4	1	0.87	0.7	-0.17	0.74	0.76	0	0	0	0	0	0
2/5/2024 14:50	45402 WBLO_T2	24	36	12	0.16	0.2	0.04	-0.78	-0.8	0	0	0	0	0	0
2/5/2024 14:50	54202 PENN_T2	19	17	-2	0.17	0.2	0.03	0	0	0	0	0	0	0	0
2/5/2024 14:51	64301 LINC_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/5/2024 14:51	64101 REFR_T1	0	0	0	0	0	0	-0.27	-0.17	0	0	0	0	0	0
2/5/2024 14:51	67401 WAKE_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/5/2024 14:51	41902 REED_T1	0	0	0	0	0	0	1.2	1.19	0	0	0	0	0	0
2/5/2024 14:51	67502 WEWI_T2	1	2	1	0.7	0.55	-0.15	0	0	0	0	0	0	0	0
2/5/2024 14:51	66502 SMAN_T2	4	4	0	0.18	0.23	0.05	0.22	0.04	0	0	0	0	0	0
2/5/2024 14:51	57403 SPAN_T1	1	0	-1	0.2	0	-0.2	0	0	0	0	0	0	0	0
2/5/2024 14:52	47403 PENS_T1	4	3	-1	0.23	0.27	0.04	0	0	0	0	0	0	0	0
2/5/2024 14:52	46302 ROHR_T1	6	7	1	1.67	1.33	-0.34	0.21	0.19	0	0	0	0	0	0
2/5/2024 14:52	64101 REFR_T1	0	0	0	0	0	0	-0.13	-0.08	0	0	0	0	0	0
2/5/2024 14:53	67605 WARW_T1	62	135	73	0.7	0.44	-0.26	-1.2	-1.2	0	0	0	0	0	0
2/5/2024 14:54	67503 WEWI_T2	0	0	0

2/5/2024 15:19	13302 ORVI_T2	2	2	0	1.05	0.85	-0.2	0.77	0.73	0	0	0	0	0	0
2/5/2024 15:20	59002 MIFF_T1	0	1	1	0	0.2	0.2	0	0	0	0	0	0	0	0
2/5/2024 15:21	43001 ALWD_T1	13	12	-1	0.2	0.23	0.03	0	0	0	0	0	0	0	0
2/5/2024 15:21	13302 ORVI_T2	2	2	0	1.05	0.85	-0.2	0.77	0.73	0	0	0	0	0	0
2/5/2024 15:22	64301 LINC_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/5/2024 15:23	64301 LINC_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/5/2024 15:23	67401 WAKE_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/5/2024 15:23	59101 WALK_T2	0	0	0	0	0	0	1.52	1.56	0	0	0	0	0	0
2/5/2024 15:24	10805 CHHI_T2	1	1	0	7	6.8	-0.2	-0.52	-0.6	0	0	0	0	0	0
2/5/2024 15:26	43001 ALWD_T1	13	12	-1	0.2	0.23	0.03	0	0	0	0	0	0	0	0
2/5/2024 15:28	67402 WAKE_T2	0	0	0	0	0	0	0.14	0.18	0	0	0	0	0	0
2/5/2024 15:31	26402 INOR_T1	18	51	33	0.21	0.23	0.02	0	0	0	0	0	0	0	0
2/5/2024 15:34	47403 PENS_T1	1	1	0	0.3	0.2	-0.1	0	0	0	0	0	0	0	0
2/5/2024 15:35	47403 PENS_T1	1	1	0	0.3	0.2	-0.1	0	0	0	0	0	0	0	0
2/5/2024 15:35	54701 NEBL_T1	1	3	2	0.1	0.13	0.03	0	0	0	0	0	0	0	0
2/5/2024 15:36	54701 NEBL_T1	1	3	2	0.1	0.13	0.03	0	0	0	0	0	0	0	0
2/5/2024 15:36	47403 PENS_T1	1	1	0	0.3	0.2	-0.1	0	0	0	0	0	0	0	0
2/5/2024 15:36	43001 ALWD_T1	12	12	0	0.19	0.25	0.06	0	0	0	0	0	0	0	0
2/5/2024 15:36	14401 SSLA_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/5/2024 15:38	60701 BREC_T1	0	0	0	0	0	0	0.32	-0.45	0	0	0	0	0	0
2/5/2024 15:39	67402 WAKE_T2	0	0	0	0	0	0	0.18	0.2	0	0	0	0	0	0
2/5/2024 15:40	10707 CATA_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/5/2024 15:41	10801 CHHI_T1	1	1	0	0.8	0.2	-0.6	-1.05	-1.02	0	0	0	0	0	0
2/5/2024 15:41	60701 BREC_T1	0	0	0	0	0	0	-0.22	0.07	0	0	0	0	0	0
2/5/2024 15:42	64303 LINC_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/5/2024 15:42	43001 ALWD_T1	12	12	0	0.19	0.25	0.06	0	0	0	0	0	0	0	0
2/5/2024 15:43	64303 LINC_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/5/2024 15:44	67402 WAKE_T2	0	0	0	0	0	0	0.18	0.2	0	0	0	0	0	0
2/5/2024 15:52	43001 ALWD_T1	10	17	7	0.24	0.28	0.04	0	0	0	0	0	0	0	0
2/5/2024 15:54	64101 REFR_T1	0	0	0	0	0	0	-0.05	-0.06	0	0	0	0	0	0
2/5/2024 15:56	56801 BENV_T1	5	4	-1	0.2	0.23	0.03	-0.71	-0.74	0	0	0	0	0	0
2/5/2024 15:57	44302 BEAV_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/5/2024 15:57	56801 BENV_T1	5	4	-1	0.2	0.23	0.03	-0.71	-0.74	0	0	0	0	0	0
2/5/2024 15:57	40101 HUNT_T2	1	1	0	0.1	0	-0.1	-0.53	-0.56	0	0	0	0	0	0
2/5/2024 15:58	43001 ALWD_T1	10	17	7	0.24	0.28	0.04	0	0	0	0	0	0	0	0
2/5/2024 16:02	64203 KINZ_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/5/2024 16:02	62601 ENGL_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/5/2024 16:02	64305 LINC_T1	0	0	0	0	0	0	-0.25	-0.43	0	0	0	0	0	0
2/5/2024 16:03	64204 KINZ_T1	1	1	0	0.9	0.7	-0.2	0	0	0	0	0	0	0	0
2/5/2024 16:03	26402 INOR_T1	28	60	32	0.27	0.23	-0.04	0	0	0	0	0	0	0	0
2/5/2024 16:03	64301 LINC_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/5/2024 16:08	40501 CRES_T2	1	6	5	0.1	0.18	0.08	0	0	0	0	0	0	0	0
2/5/2024 16:08	67202 TEHI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/5/2024 16:09	40501 CRES_T2	1	6	5	0.1	0.18	0.08	0	0	0	0	0	0	0	0
2/5/2024 16:11	40502 CRES_T2	14	19	5	0.27	0.35	0.08	-1.46	-1.5	0	0	0	0	0	0
2/5/2024 16:12	65002 NEFF_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/5/2024 16:12	53902 HALI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/5/2024 16:12	40501 CRES_T2	1	6	5	0.1	0.18	0.08	0	0	0	0	0	0	0	0
2/5/2024 16:13	40502 CRES_T2	14	19	5	0.27	0.35	0.08	-0.87	-0.9	0	0	0	0	0	0
2/5/2024 16:14	40501 CRES_T2	1	6	5	0.1	0.18	0.08	0	0	0	0	0	0	0	0
2/5/2024 16:15	40502 CRES_T2	19	13	-6	0.35	0.36	0.01	-0.29	-0.3	0	0	0	0	0	0
2/5/2024 16:16	47901 HRDG_T1	0	0	0	0	0	0	2.06	2.08	0	0	0	0	0	0
2/5/2024 16:17	40101 HUNT_T2	0	13	13	0	0.35	0.35	-0.56	-0.62	0	0	0	0	0	0
2/5/2024 16:18	60803 BUCK_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/5/2024 16:21	67401 WAKE_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/5/2024 16:22	10901 COOP_T2	0	5	5	0	0.2	0.2	0	0	0	0	0	0	0	0
2/5/2024 16:22	64303 LINC_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/5/2024 16:22	40101 HUNT_T2	0	13	13	0	0.35	0.35	-0.56	-0.62	0	0	0	0	0	0
2/5/2024 16:23	64303 LINC_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/5/2024 16:26	67401 WAKE_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/5/2024 16:28	53901 HALI_T2	80	116	36	0.29	0.44	0.15	-1.49	-1.43	0	0	0	0	0	0
2/5/2024 16:29	40902 JESH_T1	6	0	-6	0.13	0	-0.13	-0.71	-0.74	0	0	0	0	0	0
2/5/2024 16:31	28803 LAKE_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/5/2024 16:36	67401 WAKE_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/5/2024 16:42	67402 WAKE_T2	0	0	0	0	0	0	0.2	0.22	0	0	0	0	0	0
2/5/2024 16:42	64303 LINC_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/5/2024 16:43	64303 LINC_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/5/2024 16:45	24703 FLND_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/5/2024 16:50	40502 CRES_T2	8	18	10	0.36	0.39	0.03	-0.84	-0.87	0	0	0	0	0	0
2/5/2024 16:52	67401 WAKE_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/5/2024 16:52	40502 CRES_T2	8	18	10	0.36	0.39	0.03	-0.28	-0.29	0	0	0	0	0	0
2/5/2024 16:57	67402 WAKE_T2	0	0	0	0	0	0	0.22	-0.37	0	0	0	0	0	0
2/5/2024 17:02	64303 LINC_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/5/2024 17:03	64303 LINC_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/5/2024 17:05	65001 NEFF_T2	0	0	0	0	0	0	-0.85	-0.78	0	0	0	0	0	0
2/5/2024 17:08	67401 WAKE_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/5/2024 17:13	67402 WAKE_T2	0	0	0	0	0	0	-0.37	-0.39	0	0	0	0	0	0
2/5/2024 17:22	64305 LINC_T1	0	0	0	0	0	0	-0.54	-0.44	0	0	0	0	0	0
2/5/2024 17:23	64303 LINC_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/5/2024 17:37	49803 UNIV_T1	0	0	0	0	0	0	-1.09	-1.08	0	0	0	0	0	0
2/5/2024 17:42	64305 LINC_T1	0	0	0	0	0	0	-0.43	-0.44	0	0	0	0	0	0
2/5/2024 17:43	64301 LINC_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/5/2024 17:47	65002 NEFF_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/5/2024 18:01	63306 GREE_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/5/2024 18:02	63306 GREE_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/5/2024 18:02	64303 LINC_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/5/2024 18:03	64303 LINC_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/5/2024 18:06	64101 REFR_T1	0	0	0	0	0	0	-0.03	-0.03	0	0	0	0	0	0
2/5/2024 18:14	65005 NEFF_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/5/2024 18:21	48302 ORWI_T2	7	7	0	0.89	0.3	-0.59	0.07	0.03	0	0	0	0	0	0
2/5/2024 18:22	64301 LINC_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/5/2024 18:23	64301 LINC_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/5/2024 18:27	63302 GREE_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/5/2024 18:38	46005 BERW_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/5/2024 18:42	46702 RENO_T1	1	1	0	0.2	0.2	0	-0.11	-0.12	0	0	0	0	0	0
2/5/2024 18:42	64301 LINC_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/5/2024 18:43	64305 LINC_T1	0	0	0	0	0	0	-0.54	-0.63	0	0	0	0	0	0
2/5/2024 18:44	63303 GREE_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/5/2024 18:55	65003 NEFF_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/5/2024 19:02	64305 LINC_T1	0	0	0	0	0	0	-0.63	-0.59	0	0	0	0	0	0
2/5/2024 19:03	64301 LINC_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/5/2024 19:08	54501 ENOL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/5/2024 19:22	64305 LINC_T1	0	0	0	0	0	0	-0.59	-0.62	0	0	0	0	0	0
2/5/2024 19:23	17002 RIRO_T2	0	0	0	0	0	0	0.43	0.41	0	0	0	0	0	0
2/5/2024 19:23	64301 LINC_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/5/2024 19:25	13902 SEID_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/5/2024 19:25	26401 INOR_T1	0	4	4	0	0	0	0.34	0.46	0	0	0	0	0	0
2/5/2024 19:25	13302 ORVI_T2	0	0	0	0	0	0	1.08	1.02	0	0	0	0	0	0
2/5/2024 19:26	16103 BING_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/5/2024 19:26	46202 DANV_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/5/2024 19:26	17803 GILB_T2	0	2	2	0	0.15	0.15	0	0	0	0	0	0	0	0
2/5/2024 19:26	26401 INOR_T1	0	4	4	0	0	0	0.34	0.46	0	0	0	0	0	0
2/5/2024 19:26	17801 GILB_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/5/2024 19:27	24703 FLND_T2	0	0	0	0	0	0	-0.11	0.04	0	0	0	0	0	0
2/5/2024 19:27	14403 SSLA_T1	0	0	0	0	0	0	0.77	0.76	0	0	0	0	0	0
2/5/2024 19:27	29402 BELT_T1	1	1	0	9	9.4	0.4	0	0	0	0	0	0	0	0
2/5/2024 19:27	62601 ENGL_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/5/2024 19:27	16302 ALPA_T2	0	0	0	0	0	0	0.67	0.65	0	0	0	0	0	0
2/5/2024 19:27	40101 HUNT_T2	333	344	11	0.89	0.76	-0.13	-0.54	-0.54	0	0	0	0	0	0
2/5/2024 19:27	16301 ALPA_T1	0	0	0	0	0	0	-0.39	-0.37	0	0	0	0	0	0
2/5/2024 19:28	64203 KINZ_T1	0	0	0	0	0	0	-0.49	-0.42	0	0	0	0	0	0
2/5/2024 19:28	13502 MCMI_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/5/2024 19:28	60305 TWVA_T2	0	0	0	0	0	0	0.75	0.75	0	0	0	0	0	0
2/5/2024 19:28	16302 ALPA_T2	0	0	0	0	0	0	0.67	0.65	0	0	0	0	0	0
2/5/2024 19:28	13503 MCMI_T2	3	7	4	0.83	0.37	-0.46	0.19	0.19	0	0	0	0	0	0
2/5/2024 19:28	29401 BELT_T1	33	50	17	0.16	0.24	0.08	0	0	0	0	0	0	0	0
2/5/2024 19:28	12704 MACU_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/5/2024 19:29	27503 WEIS_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/5/2024 19:29	46203 DANV_T2	23	15	-8	0.39	0.27	-0.12	-0.8	-0.82	0	0	0	0	0	0
2/5/2024 19:29	62602 ENGL_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/5/2024 19:29	28805 LAKE_T1	0	0	0	0	0	0	-0.23	-0.23	0	0	0	0	0	0
2/5/2024 19:29	20401 ASHF_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/5/2024 19:29	40101 HUNT_T2	333	344	11	0.89	0.76	-0.13	-0.54	-0.54	0	0	0	0	0	0
2/5/2024 19:29	64702 LITI_T2	0	0	0	0	0	0	-0.79	-0.79	0	0	0	0	0	0
2/5/2024 19:29	40501 CRES_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/5/2024 19:29	44802 EDAN_T2	0	0	0	0	0	0	-2.22	-2.2	0	0	0	0	0	0
2/5/2024 19:29	26402 INOR_T1	0	0	0	0	0	0	-1.08	-1.08	0	0	0	0	0	0
2/5/2024 19:30	46501 LOHA_T1	0	2	2	0	0	0	0.03	-0.01	0	0	0	0	0	0
2/5/2024 19:30	25501 MADI_T1	5	4	-1	1.02	1.1	0.08	0	0	0	0	0	0	0	0
2/5/2024 19:30	16401 MOPO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/5/2024 19:30	40501 CRES_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/5/2024 19:30	25402 LAHA_T2	0	0	0	0	0	0	-0.7	-0.66	0	0	0	0	0	0
2/5/2024 19:30	27503 WEIS_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/5/2024 19:30	46101 MACI_T2	0	0	0	0	0	0	0.74	0.75	0	0	0	0	0	0
2/5/2024 19:30	46301 ROHR_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/5/2024 19:30	13302 ORVI_T2	0	0	0	0	0	0	2.15	2.04	0	0	0	0	0	0
2/5/2024 19:30	44802 EDAN_T2	0	0	0	0	0	0	-2.22	-2.2	0	0	0	0	0	0
2/5/2024 19:30	17805 GILB_T2	0	0	0	0	0	0	0.02	0.04	0	0	0	0	0	0
2/5/2024 19:31	24901 WHHA_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/5/2024 19:31	46002 BERW_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/5/2024 19:31	67503 WEWI_T2	0	0	0	0	0	0	0.04	0.04	0	0	0	0	0	0
2/5/2024 19:31	16301 ALPA_T1	0	1	1	0	0.1	0.1	-0.39	-0.37	0	0	0	0	0	0
2/5/2024 19:31	10705 CATA_T2	0	0	0	0	0	0	0.06	0.07	0	0	0	0	0	0
2/5/2024 19:31	47402 PENS_T1	0	2	2	0	0	0	0	0	0	0	0	0	0	0
2/5/2024 19:31	67002 STHI_T2	0	0	0	0	0	0	0.61	0.61	0	0	0	0	0	0
2/5/2024 19:31	26402 INOR_T1	0	0	0	0	0	0	-1.08	-1.08	0	0	0	0	0	0
2/5/2024 19:31	45502 DERR_T2	0	1	1	0	0	0	0	0	0	0	0	0	0	0
2/5/2024 19:31	44903 SCOT_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/5/2024 19:31	64703 LITI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/5/2024 19:31	10805 CHHI_T2	1	1	0	7.6	7.4	-0.2	-0.4	-0.43	0	0	0	0	0	0
2/5/2024 19:32	66502 SMAN_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/5/2024 19:32	47401 PENS_T1	0	0	0	0	0	0	0.8	0.78	0	0	0	0	0	0
2/5/2024 19:32	53902 HALI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/5/2024 19:32	40601 PIGR_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/5/2024 19:32	49803 UNIV_T1	0	0	0	0	0	0	-1.06	-1.04	0	0	0	0	0	0
2/5/2024 19:32	60701 BREC_T1	0	0	0	0	0	0	-0.46	-0.45	0	0	0	0	0	0
2/5/2024 19:32	63602 LETO_T1	0	0	0	0	0	0	-0.55	-0.49	0	0	0	0	0	0
2/5/2024 19:32	65503 MOJO_T2	0	0	0	0	0	0	-0.59	-0.58	0	0	0	0	0	0
2/5/2024 19:32	40502 CRES_T2	17	18	1	0.24	0.34	0.1	-0.3	-0.24	0	0	0	0	0	0
2/5/2024 19:32	57401 SPAN_T1	0	0	0	0	0	0	-0.68	-0.64	0	0	0	0	0	0
2/5/2024 19:32	41801 GOCI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/5/2024 19:32	45502 DERR_T2	0	1	1	0	0	0	0	0	0	0	0	0	0	0
2/5/2024 19:32	44801 EDAN_T2	1	2	1	1.9	2.2	0.3	0	0	0	0	0	0	0	0
2/5/2024 19:32	56802 BENV_T2	1	2	1	0.2	0.15	-0.05	-1.25	-1.26	0	0	0	0	0	0
2/5/2024 19:32	16302 ALPA_T2	0	0	0	0	0	0	0.67	0.65	0	0	0	0	0	0
2/5/2024 19:33	66503 SMAN_T2	1	182	181	0.1	0.25	0.15	0	0	0	0	0	0	0	0
2/5/2024 19:33	52002 LING_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/5/2024 19:33	65001 NEFF_T2	0	0	0	0	0	0	-0.81	-0.73	0	0	0	0	0	0
2/5/2024 19:33	67204 TEHI_T2	0	0	0	0	0	0	0.3	0.3	0	0	0	0	0	0
2/5/2024 19:33	16302 ALPA_T2	0	0	0	0	0	0	0.67	0.65	0	0	0	0	0	0
2/5/2024 19:33	17801 GILB_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/5/2024 19:33	67502 WEWI_T2	0	0	0	0	0	0	-1.38	-1.4	0	0	0	0	0	0
2/5/2024 19:33	60803 BUCK_T1	0	0	0	0	0	0	-0.51	-0.52	0	0	0	0

2/5/2024 19:36	57403 SPAN_T1	0	0	0	0	0	0	0.12	0.12	0	0	0	0	0	0
2/5/2024 19:36	16301 ALPA_T1	0	1	1	0	0.1	0.1	-0.39	-0.37	0	0	0	0	0	0
2/5/2024 19:36	67604 WARW_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/5/2024 19:36	63802 GREE_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/5/2024 19:36	42002 MNVL_T2	1	1	0	5.9	5.8	-0.1	0	0	0	0	0	0	0	0
2/5/2024 19:36	56504 ROCK_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/5/2024 19:36	56803 BENV_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/5/2024 19:36	13302 ORVI_T2	0	0	0	0	0	0	1.08	1.02	0	0	0	0	0	0
2/5/2024 19:36	46002 BERW_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/5/2024 19:36	58401 MORO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/5/2024 19:36	40601 PIGR_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/5/2024 19:36	40502 CRES_T2	17	18	1	0.24	0.34	0.1	-0.2	-0.16	0	0	0	0	0	0
2/5/2024 19:36	64703 LITI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/5/2024 19:36	43001 ALWD_T1	8	10	2	0.23	0.3	0.07	0	0	0	0	0	0	0	0
2/5/2024 19:36	10805 CHHI_T2	1	1	0	7.6	7.4	-0.2	-0.4	-0.43	0	0	0	0	0	0
2/5/2024 19:36	57403 SPAN_T1	0	0	0	0	0	0	0.12	0.12	0	0	0	0	0	0
2/5/2024 19:36	64802 MONE_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/5/2024 19:36	60801 BUCK_T1	0	0	0	0	0	0	-0.84	-0.85	0	0	0	0	0	0
2/5/2024 19:36	28803 LAKE_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/5/2024 19:36	53502 EVIL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/5/2024 19:37	45501 DERR_T2	2	2	0	0.1	0	-0.1	0.93	0.94	0	0	0	0	0	0
2/5/2024 19:37	43302 WATS_T2	2	4	2	0.15	0.43	0.28	0	0	0	0	0	0	0	0
2/5/2024 19:37	45701 LIND_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/5/2024 19:37	28601 BLYT_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/5/2024 19:37	46205 DANV_T2	0	0	0	0	0	0	-0.84	-0.84	0	0	0	0	0	0
2/5/2024 19:37	55001 NEWP_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/5/2024 19:37	67402 WAKE_T2	0	0	0	0	0	0	-0.42	-0.37	0	0	0	0	0	0
2/5/2024 19:37	46205 DANV_T2	0	0	0	0	0	0	-0.84	-0.84	0	0	0	0	0	0
2/5/2024 19:37	40501 CRES_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/5/2024 19:37	54206 PENN_T2	0	0	0	0	0	0	0	-0.03	0	0	0	0	0	0
2/5/2024 19:37	43401 BENT_T1	2	1	-1	0.5	0	-0.5	0	0	0	0	0	0	0	0
2/5/2024 19:37	17804 GILB_T2	0	0	0	0	0	0	-0.49	-0.52	0	0	0	0	0	0
2/5/2024 19:37	67502 WEWI_T2	0	0	0	0	0	0	-1.38	-1.4	0	0	0	0	0	0
2/5/2024 19:37	12701 MACU_T1	0	1	1	0	0	0	0.14	0.14	0	0	0	0	0	0
2/5/2024 19:37	47402 PENS_T1	0	2	2	0	0	0	0	0	0	0	0	0	0	0
2/5/2024 19:37	59301 MCAL_T1	2	0	-2	0.25	0	-0.25	0	0	0	0	0	0	0	0
2/5/2024 19:37	42803 SELI_T1	0	1	1	0	0	0	0	0	0	0	0	0	0	0
2/5/2024 19:37	53902 HALI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/5/2024 19:37	10801 CHHI_T1	0	0	0	0	0	0	-0.91	-0.87	0	0	0	0	0	0
2/5/2024 19:37	59201 THOM_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/5/2024 19:37	43303 WATS_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/5/2024 19:37	40101 HUNT_T2	308	328	20	0.75	0.79	0.04	-0.54	-0.54	0	0	0	0	0	0
2/5/2024 19:37	67503 WEWI_T2	0	0	0	0	0	0	0.04	0.04	0	0	0	0	0	0
2/5/2024 19:37	64203 KINZ_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/5/2024 19:37	65002 NEFF_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/5/2024 19:37	44302 BEAV_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/5/2024 19:37	52502 PROG_T2	0	0	0	0	0	0	-0.53	-0.52	0	0	0	0	0	0
2/5/2024 19:37	13501 MCMI_T1	0	0	0	0	0	0	-0.02	-0.04	0	0	0	0	0	0
2/5/2024 19:37	16302 ALPA_T2	0	0	0	0	0	0	0.67	0.65	0	0	0	0	0	0
2/5/2024 19:37	64101 REFR_T1	0	0	0	0	0	0	-0.05	0.01	0	0	0	0	0	0
2/5/2024 19:37	43202 MVIL_T2	0	0	0	0	0	0	-0.65	-0.64	0	0	0	0	0	0
2/5/2024 19:37	56802 BENV_T2	1	2	1	0.2	0.15	-0.05	-1.25	-1.26	0	0	0	0	0	0
2/5/2024 19:37	60701 BREC_T1	0	0	0	0	0	0	-0.46	-0.45	0	0	0	0	0	0
2/5/2024 19:37	15001 BLMO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/5/2024 19:38	43301 WATS_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/5/2024 19:38	58004 WCAR_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/5/2024 19:38	54503 ENOL_T2	0	0	0	0	0	0	-1.71	-1.75	0	0	0	0	0	0
2/5/2024 19:38	56802 BENV_T2	1	2	1	0.2	0.15	-0.05	-3.75	-3.78	0	0	0	0	0	0
2/5/2024 19:38	60101 COCA_T1	0	0	0	0	0	0	0.33	0.31	0	0	0	0	0	0
2/5/2024 19:38	62602 ENGL_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/5/2024 19:38	46002 BERW_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/5/2024 19:38	66501 SMAN_T2	0	9	9	0	0.17	0.17	0	0	0	0	0	0	0	0
2/5/2024 19:38	44302 BEAV_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/5/2024 19:38	53501 EVIL_T2	2	0	-2	0.2	0	-0.2	-0.07	0.06	0	0	0	0	0	0
2/5/2024 19:38	66903 SHIL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/5/2024 19:38	52502 PROG_T2	0	0	0	0	0	0	-0.53	-0.52	0	0	0	0	0	0
2/5/2024 19:38	47402 PENS_T1	0	2	2	0	0	0	0	0	0	0	0	0	0	0
2/5/2024 19:38	10705 CATA_T2	0	0	0	0	0	0	0.06	0.07	0	0	0	0	0	0
2/5/2024 19:38	20403 ASHF_T2	0	0	0	0	0	0	0.41	0.39	0	0	0	0	0	0
2/5/2024 19:38	51107 CARL_T1	0	0	0	0	0	0	0.23	0.27	0	0	0	0	0	0
2/5/2024 19:38	57403 SPAN_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/5/2024 19:38	40101 HUNT_T2	308	328	20	0.75	0.79	0.04	-0.54	-0.55	0	0	0	0	0	0
2/5/2024 19:38	54501 ENOL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/5/2024 19:38	40502 CRES_T2	17	18	1	0.24	0.34	0.1	-0.32	-0.4	0	0	0	0	0	0
2/5/2024 19:38	54504 ENOL_T2	0	0	0	0	0	0	-0.92	-0.97	0	0	0	0	0	0
2/5/2024 19:38	13302 ORVI_T2	0	0	0	0	0	0	1.08	1.02	0	0	0	0	0	0
2/5/2024 19:38	44802 EDAN_T2	0	0	0	0	0	0	-4.4	-4.4	0	0	0	0	0	0
2/5/2024 19:38	12701 MACU_T1	0	1	1	0	0	0	0.14	0.14	0	0	0	0	0	0
2/5/2024 19:38	67603 WARW_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/5/2024 19:38	46205 DANV_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/5/2024 19:38	54001 SDLE_T1	1	3	2	0.4	0.9	0.5	0	0	0	0	0	0	0	0
2/5/2024 19:38	16301 ALPA_T1	0	1	1	0	0.1	0.1	-0.39	-0.37	0	0	0	0	0	0
2/5/2024 19:38	65503 MOJO_T2	0	0	0	0	0	0	-0.59	-0.58	0	0	0	0	0	0
2/5/2024 19:38	55001 NEWP_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/5/2024 19:38	64101 REFR_T1	0	0	0	0	0	0	-0.02	0	0	0	0	0	0	0
2/5/2024 19:38	60201 ATGL_T2	0	0	0	0	0	0	0.26	0.5	0	0	0	0	0	0
2/5/2024 19:39	62605 ENGL_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/5/2024 19:39	54506 ENOL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/5/2024 19:39	66501 SMAN_T2	0	9	9	0	0.17	0.17	0	0	0	0	0	0	0	0
2/5/2024 19:39	10801 CHHI_T1	0	0	0	0	0	0	-0.87	-0.87	0	0	0	0	0	0
2/5/2024 19:39	56504 ROCK_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/5/2024 19:39	46202 DANV_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/5/2024 19:39	41602 CLEV_T1	4	0	-4	0.38	0	-0.38	0	0	0	0	0	0	0	0
2/5/2024 19:39	54504 ENOL_T2	0	0	0	0	0	0	-0.97	-0.97	0	0	0	0	0	0
2/5/2024 19:39	64101 REFR_T1	0	0	0	0	0	0	0	-0.02	0	0	0	0	0	0
2/5/2024 19:39	65803 RTWN_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/5/2024 19:39	57401 SPAN_T1	0	0	0	0	0	0	-0.64	-0.63	0	0	0	0	0	0
2/5/2024 19:39	60803 BUCK_T1	0	0	0	0	0	0	-0.52	-0.51	0	0	0	0	0	0
2/5/2024 19:39	56802 BENV_T2	1	2	1	0.2	0.15	-0.05	-2.52	-2.54	0	0	0	0	0	0
2/5/2024 19:39	43402 BENT_T1	0	0	0	0	0	0	-1.53	-1.53	0	0	0	0	0	0
2/5/2024 19:39	67603 WARW_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/5/2024 19:39	42701 AUGU_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/5/2024 19:39	67503 WEWI_T2	0	0	0	0	0	0	0.07	0.03	0	0	0	0	0	0
2/5/2024 19:40	43001 ALWD_T1	8	10	2	0.23	0.3	0.07	0	0	0	0	0	0	0	0
2/5/2024 19:40	59003 MIFF_T1	1	1	0	0.2	0	-0.2	0.02	-0.11	0	0	0	0	0	0
2/5/2024 19:40	60701 BREC_T1	0	0	0	0	0	0	-0.45	-0.45	0	0	0	0	0	0
2/5/2024 19:40	54501 ENOL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/5/2024 19:40	46302 ROHR_T1	3	4	1	1.27	1.18	-0.09	0.23	0.24	0	0	0	0	0	0
2/5/2024 19:40	47403 PENS_T1	1	1	0	1.2	1.5	0.3	0	0	0	0	0	0	0	0
2/5/2024 19:40	60605 NCOL_T2	0	3	3	0	0.1	0.1	-1.39	-1.41	0	0	0	0	0	0
2/5/2024 19:40	41802 GOCI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/5/2024 19:40	41602 CLEV_T1	4	0	-4	0.38	0	-0.38	0	0	0	0	0	0	0	0
2/5/2024 19:40	59101 WALK_T2	0	0	0	0	0	0	0.71	0.95	0	0	0	0	0	0
2/5/2024 19:40	56802 BENV_T2	1	2	1	0.2	0.15	-0.05	-2.52	-2.54	0	0	0	0	0	0
2/5/2024 19:40	16301 ALPA_T1	0	1	1	0	0.1	0.1	-0.37	-0.4	0	0	0	0	0	0
2/5/2024 19:40	54505 ENOL_T2	1	1	0	0.5	0.7	0.2	-1.17	-1.17	0	0	0	0	0	0
2/5/2024 19:40	60602 NCOL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/5/2024 19:40	60803 BUCK_T1	0	0	0	0	0	0	-0.52	-0.51	0	0	0	0	0	0
2/5/2024 19:40	42204 SHEN_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/5/2024 19:40	57401 SPAN_T1	0	0	0	0	0	0	-0.64	-0.63	0	0	0	0	0	0
2/5/2024 19:41	42203 SHEN_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/5/2024 19:41	51107 CARL_T1	0	0	0	0	0	0	0.27	0.35	0	0	0	0	0	0
2/5/2024 19:41	44801 EDAN_T2	1	2	1	1.9	2.2	0.3	0	0	0	0	0	0	0	0
2/5/2024 19:41	47401 PENS_T1	0	0	0	0	0	0	0.78	0.81	0	0	0	0	0	0
2/5/2024 19:41	42802 SELI_T1	0	2	2	0	0	0	-1.13	-1.18	0	0	0	0	0	0
2/5/2024 19:41	53902 HALI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/5/2024 19:41	55001 NEWP_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/5/2024 19:41	66001 BERW_T1	0	0	0	0	0	0	0.71	0.77	0	0	0	0	0	0
2/5/2024 19:41	40501 CRES_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/5/2024 19:41	56501 ROCK_T2	1	2	1	1	0.1	-0.9	-4.07	-3.94	0	0	0	0	0	0
2/5/2024 19:41	42701 AUGU_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/5/2024 19:41	40901 JESH_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/5/2024 19:41	43302 WATS_T2	2	4	2	0.15	0.43	0.28	0	0	0	0	0	0	0	0
2/5/2024 19:41	56501 ROCK_T2	1	2	1	1	0.1	-0.9	-4.07	-3.94	0	0	0	0	0	0
2/5/2024 19:41	47901 HRDG_T1	0	0	0	0	0	0	1.81	1.91	0	0	0	0	0	0
2/5/2024 19:41	64101 REFR_T1	0	0	0	0	0	0	0	-0.02	0	0	0	0	0	0
2/5/2024 19:41	57403 SPAN_T1	0	0	0	0	0	0	0.12	0.13	0	0	0	0	0	0
2/5/2024 19:42	43304 WATS_T2	0	6	6	0	0	0	-0.32	-0.33	0	0	0	0	0	0
2/5/2024 19:42	53501 EVIL_T2	2	0	-2	0.2	0	-0.2	0.06	0.04	0	0	0	0	0	0
2/5/2024 19:42	14404 SSLA_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/5/2024 19:42	63306 GREE_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/5/2024 19:42	47402 PENS_T1	0	2	2	0	0	0	0	0	0	0	0	0	0	0
2/5/2024 19:42	46202 DANV_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/5/2024 19:42	64301 LINC_T1	0	0	0	0	0	0	0.18	0.24	0	0	0	0	0	0
2/5/2024 19:42	20402 ASHF_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/5/2024 19:42	59102 WALK_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/5/2024 19:42	56504 ROCK_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/5/2024 19:42	64305 LINC_T1	0	0	0	0	0	0	-0.58	-0.66	0	0	0	0	0	0
2/5/2024 19:42	43201 MVIL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/5/2024 19:42	67002 STHI_T2	0	0	0	0	0	0	1.22	1.24	0	0	0	0	0	0
2/5/2024 19:42	67503 WEWI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/5/2024 19:42	43302 WATS_T2	2	4	2	0.15	0.43	0.28	0	0	0	0	0	0	0	0
2/5/2024 19:42	12701 MACU_T1	0	1	1	0	0	0	0.14	0.16	0	0	0	0	0	0
2/5/2024 19:42	60101 COCA_T1	0	0	0	0	0	0	0.31	0.32	0	0	0	0	0	0
2/5/2024 19:42	59002 MIFF_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/5/2024 19:42	40601 PIGR_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/5/2024 19:42	40903 JESH_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/5/2024 19:42	45601 WOOL_T1	0	0	0	0	0	0	-0.36	-0.31	0	0	0	0	0	0
2/5/2024 19:42	40101 HUNT_T2	308	328	20	0.75	0.79	0.04	-0.54	-0.55	0	0	0	0	0	0
2/5/2024 19:43	46302 ROHR_T1	3	4	1	1.27	1.18	-0.09	0.23	0.24	0	0	0	0	0	0
2/5/2024 19:43	54001 SDLE_T1	1	3	2	0.4	0.9	0.5	0	0	0	0	0	0	0	0
2/5/2024 19:43	40501 CRES_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/5/2024 19:43	54504 ENOL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/5/2024 19:43	54502 ENOL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/5/2024 19:43	53903 HALI_T2	2	2	0	1.1	1.1	0	-0.22	-0.24	0	0	0	0	0	0
2/5/2024 19:43	56504 ROCK_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/5/2024 19:43	47402 PENS_T1	0	2	2	0	0	0	0	0	0	0	0	0	0	0
2/5/2024 19:43	43304 WATS_T2	0	6	6	0	0	0	0	0	0	0	0	0	0	0
2/5/2024 19:43	45802 HEGI_T2	0	1	1	0	0	0	2.33	2.26	0	0	0	0	0	0
2/5/2024 19:43	64802 MONE_T2	0	0	0	0	0	0	-0.04	-0.04	0	0	0	0	0	0
2/5/2024 19:43	54206 PENN_T2	0	0	0	0	0	0	-0.03	-0.03	0	0	0	0	0	0
2/5/2024 19:43	64301 LINC_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/5/2024 19:43	56802 BENV_T2	1	2	1	0.2	0.15	-0.05	-1.26	-1.27	0	0	0	0	0	0
2/5/2024 19:43	56801 BENV_T1	6	4	-2	0.5	0.23	-0.27	-0.57	-0.56	0	0	0	0	0	0
2/5/2024 19:43	15001 BLMO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/5/2024 19:43	40101 HUNT_T2	308	328	20	0.75	0.79	0.04	-0.54	-0.55	0	0	0	0	0	0
2/5/2024 19:44	63804 HEMP_T1	1	1	0	6.4	6.3	-0.1	0.49	0.48	0	0	0	0	0	0
2/5/2024 19:44	55002 NEWP_T1	3	3	0	0.23	0.27	0.04	-0.19	-0.19	0	0	0	0	0	0
2/5/2024 19:44	41903 REED_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/5/2024 19:44	13105 NHAM_T2	0	15	15	0	0	0	-0.26	-0.27	0	0	0	0	0	0
2/5/2024 19:44	58402 MORO_T1	0	0	0	0	0	0	-0.7	-0.81	0	0	0	0	0	0
2/5/2024 19:44	57403 SPAN_T1	0	0	0	0	0	0	0.12	0.13	0	0	0	0	0	0
2/5/2024 19:44	60701 BREC_T1	0	0	0	0	0	0	-0.9	-0.89	0	0	0	0	0	0

Appendix C - Grid Benefits Achieved in Each Instance of Active Management

2/5/2024 19:48	59102 WALK_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/5/2024 19:50	64301 LINC_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/5/2024 19:51	64301 LINC_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/5/2024 19:53	65001 NEFF_T2	0	0	0	0	0	0	-0.73	-0.86	0	0	0	0	0	0
2/5/2024 19:53	54503 ENOL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/5/2024 20:10	64303 LINC_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/5/2024 20:11	64303 LINC_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/5/2024 20:20	46201 DANV_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/5/2024 20:21	54503 ENOL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/5/2024 20:24	63306 GREE_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/5/2024 20:39	65005 NEFF_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/5/2024 20:42	41901 REED_T1	8	10	2	0.34	0.37	0.03	0	0	0	0	0	0	0	0
2/5/2024 20:57	53901 HAU_T2	122	139	17	0.52	0.7	0.18	0	0	0	0	0	0	0	0
2/5/2024 21:00	63305 GREE_T1	0	2	2	0	0.1	0.1	-1.3	-1.35	0	0	0	0	0	0
2/5/2024 21:05	65003 NEFF_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/5/2024 21:19	16301 ALPA_T1	1	1	0	0.2	0.3	0.1	-0.4	-0.42	0	0	0	0	0	0
2/5/2024 21:21	63304 GREE_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/5/2024 21:52	65005 NEFF_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/5/2024 21:53	63303 GREE_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/5/2024 22:14	63303 GREE_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/5/2024 22:23	54506 ENOL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/5/2024 23:06	65001 NEFF_T2	0	0	0	0	0	0	-0.98	-1.08	0	0	0	0	0	0
2/5/2024 23:33	63305 GREE_T1	0	0	0	0	0	0	-1.38	-1.39	0	0	0	0	0	0
2/5/2024 23:54	63306 GREE_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/5/2024 23:59	63305 GREE_T1	0	0	0	0	0	0	-1.45	-1.48	0	0	0	0	0	0
2/6/2024 0:35	65003 NEFF_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/6/2024 0:36	63304 GREE_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/6/2024 1:48	63301 GREE_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/6/2024 1:59	65004 NEFF_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/6/2024 2:00	63303 GREE_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/6/2024 2:42	63306 GREE_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/6/2024 2:52	63306 GREE_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/6/2024 3:45	63302 GREE_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/6/2024 4:15	65003 NEFF_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/6/2024 4:26	65003 NEFF_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/6/2024 5:50	65004 NEFF_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/6/2024 6:01	63304 GREE_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/6/2024 6:06	63304 GREE_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/6/2024 6:06	65001 NEFF_T2	0	0	0	0	0	0	-0.87	-0.81	0	0	0	0	0	0
2/6/2024 6:53	65005 NEFF_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/6/2024 7:53	46203 DANV_T2	1	9	8	0.3	0.27	-0.03	-1.48	-1.57	0	0	0	0	0	0
2/6/2024 7:57	53903 HAU_T2	2	2	0	0.4	1.15	0.75	0	0	0	0	0	0	0	0
2/6/2024 7:58	40101 HUNT_T2	397	403	6	0.75	0.79	0.04	-0.61	-0.59	0	0	0	0	0	0
2/6/2024 8:01	25402 LAHA_T2	37	59	22	0.67	0.62	-0.05	0.07	0.08	0	0	0	0	0	0
2/6/2024 8:01	40101 HUNT_T2	367	402	35	0.83	0.75	-0.08	-0.61	-0.59	0	0	0	0	0	0
2/6/2024 8:03	40101 HUNT_T2	367	402	35	0.83	0.75	-0.08	-0.61	-0.59	0	0	0	0	0	0
2/6/2024 8:08	45501 DERR_T2	1	4	3	0	0	0	1.23	1.14	0	0	0	0	0	0
2/6/2024 8:08	49803 UNIV_T1	0	0	0	0	0	0	-0.86	-0.81	0	0	0	0	0	0
2/6/2024 8:09	46201 DANV_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/6/2024 8:10	46204 DANV_T2	19	4	-15	0.3	0	-0.3	0	0	0	0	0	0	0	0
2/6/2024 8:10	45501 DERR_T2	1	4	3	0	0	0	1.23	1.14	0	0	0	0	0	0
2/6/2024 8:11	46205 DANV_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/6/2024 8:12	65004 NEFF_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/6/2024 8:13	46205 DANV_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/6/2024 8:13	28704 HAML_T2	1	1	0	1	0.8	-0.2	-0.71	-0.72	0	0	0	0	0	0
2/6/2024 8:24	43402 BENT_T1	0	0	0	0	0	0	-1.53	-1.52	0	0	0	0	0	0
2/6/2024 8:25	43402 BENT_T1	0	0	0	0	0	0	-1.53	-1.52	0	0	0	0	0	0
2/6/2024 8:27	65004 NEFF_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/6/2024 8:28	63306 GREE_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/6/2024 8:38	53602 DALM_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/6/2024 8:52	56802 BENV_T2	2	22	20	0.1	0.25	0.15	-1.41	-1.35	0	0	0	0	0	0
2/6/2024 8:55	54502 ENOL_T2	0	1	1	0	0.2	0.2	-1.15	-1.16	0	0	0	0	0	0
2/6/2024 8:56	56802 BENV_T2	2	22	20	0.1	0.25	0.15	-1.35	-1.3	0	0	0	0	0	0
2/6/2024 8:57	54503 ENOL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/6/2024 8:57	10805 CHHI_T2	7	7	0	2.69	1.84	-0.85	-0.35	-0.34	0	0	0	0	0	0
2/6/2024 8:59	54505 ENOL_T2	1	1	0	0.5	0.9	0.4	0	0	0	0	0	0	0	0
2/6/2024 8:59	54503 ENOL_T2	0	0	0	0	0	0	-1.8	-1.82	0	0	0	0	0	0
2/6/2024 9:00	42903 MIDD_T2	0	2	2	0	0.85	0.85	0.83	0.66	0	0	0	0	0	0
2/6/2024 9:00	47104 MARL_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/6/2024 9:00	65002 NEFF_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/6/2024 9:00	58402 MORO_T1	0	0	0	0	0	0	-0.82	-0.87	0	0	0	0	0	0
2/6/2024 9:00	67402 WAKE_T2	0	0	0	0	0	0	0.59	0.58	0	0	0	0	0	0
2/6/2024 9:00	24103 EHAZ_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/6/2024 9:00	53901 HAU_T2	104	169	65	0.39	0.89	0.5	-1.38	-1.41	0	0	0	0	0	0
2/6/2024 9:00	46002 BERW_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/6/2024 9:00	67502 WEWI_T2	0	2	2	0	0.6	0.6	0	0	0	0	0	0	0	0
2/6/2024 9:00	17002 RIRO_T2	0	1	1	0	0.5	0.5	0.76	0.66	0	0	0	0	0	0
2/6/2024 9:00	42002 MNVL_T2	1	1	0	7.8	7.8	0	0	0	0	0	0	0	0	0
2/6/2024 9:00	16103 BING_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/6/2024 9:00	27503 WEIS_T2	0	1	1	0	0	0	0	0	0	0	0	0	0	0
2/6/2024 9:00	56802 BENV_T2	22	11	-11	0.24	0.25	0.01	-1.35	-1.3	0	0	0	0	0	0
2/6/2024 9:00	23402 HONE_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/6/2024 9:00	40502 CRES_T2	15	25	10	0.45	0.45	0	-1.06	-1.08	0	0	0	0	0	0
2/6/2024 9:00	43301 WATS_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/6/2024 9:00	65502 MOJO_T2	169	0	-169	0.13	0	-0.13	-1.21	-0.37	0	0	0	0	0	0
2/6/2024 9:00	53903 HAU_T2	2	3	1	1.35	0.97	-0.38	-0.24	-0.23	0	0	0	0	0	0
2/6/2024 9:00	67204 TEHI_T2	0	0	0	0	0	0	0.04	0	0	0	0	0	0	0
2/6/2024 9:00	56501 ROCK_T2	4	6	2	0.73	0.43	-0.3	-1.34	-1.36	0	0	0	0	0	0
2/6/2024 9:00	44201 POIN_T1	0	0	0	0	0	0	-1.98	-2.27	0	0	0	0	0	0
2/6/2024 9:00	57401 SPAN_T1	19	80	61	0.19	0.26	0.07	-0.92	-0.96	0	0	0	0	0	0
2/6/2024 9:00	45901 AUBU_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/6/2024 9:00	56501 ROCK_T2	4	6	2	0.73	0.43	-0.3	-1.34	-1.36	0	0	0	0	0	0
2/6/2024 9:00	53501 EVIL_T2	8	9	1	1.54	1.43	-0.11	-1.33	-1.41	0	0	0	0	0	0
2/6/2024 9:00	43001 ALWD_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/6/2024 9:00	64101 REFR_T1	0	0	0	0	0	0	0.03	0.03	0	0	0	0	0	0
2/6/2024 9:00	40201 BEGA_T2	1	1	0	0.1	0.5	0.4	0	0	0	0	0	0	0	0
2/6/2024 9:01	53502 EVIL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/6/2024 9:01	45702 LIND_T2	0	2	2	0	0.15	0.15	-0.28	-0.32	0	0	0	0	0	0
2/6/2024 9:02	67402 WAKE_T2	0	0	0	0	0	0	0.59	0.58	0	0	0	0	0	0
2/6/2024 9:06	42301 MOWR_T2	0	1	1	0	0	0	0	0	0	0	0	0	0	0
2/6/2024 9:06	49803 UNIV_T1	0	0	0	0	0	0	-0.81	-0.84	0	0	0	0	0	0
2/6/2024 9:06	43401 BENT_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/6/2024 9:07	40501 CRES_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/6/2024 9:07	55101 WERT_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/6/2024 9:07	58402 MORO_T1	0	0	0	0	0	0	-0.82	-0.87	0	0	0	0	0	0
2/6/2024 9:07	67503 WEWI_T2	0	0	0	0	0	0	0.15	0.13	0	0	0	0	0	0
2/6/2024 9:07	60803 BUCK_T1	0	1	1	0	0.1	0.1	0	0	0	0	0	0	0	0
2/6/2024 9:07	43001 ALWD_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/6/2024 9:07	41902 REED_T1	0	0	0	0	0	0	0.41	0.41	0	0	0	0	0	0
2/6/2024 9:07	43402 BENT_T1	0	0	0	0	0	0	-1.53	-0.89	0	0	0	0	0	0
2/6/2024 9:08	59101 WALK_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/6/2024 9:08	56802 BENV_T2	22	11	-11	0.24	0.25	0.01	-1.35	-1.3	0	0	0	0	0	0
2/6/2024 9:09	67603 WARW_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/6/2024 9:09	60701 BREC_T1	0	0	0	0	0	0	-0.3	-0.3	0	0	0	0	0	0
2/6/2024 9:10	45501 DERR_T2	1	1	0	0	0	0	1.15	1.13	0	0	0	0	0	0
2/6/2024 9:10	46204 DANV_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/6/2024 9:11	45501 DERR_T2	1	1	0	0	0	0	1.15	1.13	0	0	0	0	0	0
2/6/2024 9:11	56802 BENV_T2	22	11	-11	0.24	0.25	0.01	-1.3	-1.2	0	0	0	0	0	0
2/6/2024 9:11	28703 HAML_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/6/2024 9:12	46205 DANV_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/6/2024 9:16	53902 HAU_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/6/2024 9:16	40101 HUNT_T2	107	92	-15	0.48	0.29	-0.19	-0.63	-0.59	0	0	0	0	0	0
2/6/2024 9:17	40101 HUNT_T2	107	92	-15	0.48	0.29	-0.19	-0.63	-0.59	0	0	0	0	0	0
2/6/2024 9:18	13503 MCMI_T2	7	3	-4	0.59	0	-0.59	0.27	0.21	0	0	0	0	0	0
2/6/2024 9:20	67001 STHI_T2	16	318	302	0.18	0.19	0.01	0	0	0	0	0	0	0	0
2/6/2024 9:21	67002 STHI_T2	14	144	130	0.16	0.22	0.06	1.38	1.36	0	0	0	0	0	0
2/6/2024 9:22	57401 SPAN_T1	10	114	104	0.29	0.33	0.04	0	0	0	0	0	0	0	0
2/6/2024 9:22	29402 BELT_T1	3	124	121	0.37	0.32	-0.05	0	0	0	0	0	0	0	0
2/6/2024 9:23	67001 STHI_T2	16	318	302	0.18	0.19	0.01	0	0	0	0	0	0	0	0
2/6/2024 9:23	56802 BENV_T2	5	11	6	0.38	0.25	-0.13	-1.3	-1.2	0	0	0	0	0	0
2/6/2024 9:24	67002 STHI_T2	14	144	130	0.16	0.22	0.06	0.68	0.69	0	0	0	0	0	0
2/6/2024 9:25	59102 WALK_T2	2	5	3	0.2	0.18	-0.02	0	0	0	0	0	0	0	0
2/6/2024 9:26	54504 ENOL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/6/2024 9:28	54502 ENOL_T2	0	1	1	0	0.1	0.1	-1.14	-1.15	0	0	0	0	0	0
2/6/2024 9:28	41802 GOCI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/6/2024 9:30	41802 GOCI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/6/2024 9:30	25404 LAHA_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/6/2024 9:31	43202 MVIL_T2	1	9	8	0.1	0.17	0.07	-0.54	-0.54	0	0	0	0	0	0
2/6/2024 9:32	55002 NEWP_T1	6	11	5	1	0.79	-0.21	-0.28	-0.34	0	0	0	0	0	0
2/6/2024 9:33	55001 NEWP_T1	2	11	9	0.55	0.33	-0.22	0	0	0	0	0	0	0	0
2/6/2024 9:36	55001 NEWP_T1	2	11	9	0.55	0.33	-0.22	0	0	0	0	0	0	0	0
2/6/2024 9:36	44302 BEAV_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/6/2024 9:38	43303 WATS_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/6/2024 9:38	56802 BENV_T2	10	10	0	0.24	0.25	0.01	-6	-6.15	0	0	0	0	0	0
2/6/2024 9:38	10805 CHHI_T2	6	7	1	1.35	1.56	0.21	-0.36	-0.39	0	0	0	0	0	0
2/6/2024 9:39	10801 CHHI_T1	1	2	1	0.4	0.6	0.2	-0.61	-0.66	0	0	0	0	0	0
2/6/2024 9:39	43304 WATS_T2	0	0	0	0	0	0	-0.29	-0.26	0	0	0	0	0	0
2/6/2024 9:39	56802 BENV_T2	10	10	0	0.24	0.25	0.01	-1.23	-1.18	0	0	0	0	0	0
2/6/2024 9:40	56802 BENV_T2	10	10	0	0.24	0.25	0.01	-3.69	-3.54	0	0	0	0	0	0
2/6/2024 9:45	43201 MVIL_T2	0	1	1	0	0.1	0.1	0	0	0	0	0	0	0	0
2/6/2024 9:45	44301 BEAV_T2	0	2	2	0	0.2	0.2	0.36	0.53	0	0	0	0	0	0
2/6/2024 9:47	58401 MORO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/6/2024 9:47	43202 MVIL_T2	2	9	7	0.1	0.17	0.07	-0.54	-0.51	0	0	0	0	0	0
2/6/2024 9:47	64101 REFR_T1	0	1	1	0	0.1	0.1	0.03	0.01	0	0	0	0	0	0
2/6/2024 9:48	56504 ROCK_T2	0	3	3	0	0.25	0.25	0	0	0	0	0	0	0	0
2/6/2024 9:49	41901 REED_T1	10	11	1	0.94	1.01	0.07	0	0	0	0	0	0	0	0
2/6/2024 9:49	67001 STHI_T2	314	356	42	0.18	0.19	0.01	0	0	0	0	0	0	0	0
2/6/2024 9:49	64101 REFR_T1	0	1	1	0	0.1	0.1	0.05	0.01	0	0	0	0	0	0
2/6/2024 9:50	56501 ROCK_T2	20	53	33	0.18	0.17	-0.01	-1.44	-1.44	0	0	0	0	0	0
2/6/2024 9:50	41903 REED_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/6/2024 9:50	56504 ROCK_T2	0	3	3	0	0.25	0.25	-0.01	-0.03	0	0	0	0	0	0
2/6/2024 9:50	64101 REFR_T1	0	1	1	0	0.1	0.1	0.05	0.01	0	0	0	0	0	0
2/6/2024 9:51	66503 SMAN_T2	135	11	-124	0.18	0.15	-0.03	0	0	0	0	0	0	0	0
2/6/2024 9:51	56504 ROCK_T2	0	3	3	0	0.25	0.25	0	0	0	0	0	0	0	0
2/6/2024 9:51	43302 WATS_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/6/2024 9:52	43303 WATS_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/6/2024 9:52	67001 STHI_T2	314	356	42	0.18	0.19	0.01	0	0	0	0	0	0	0	0
2/6/2024 9:52	64101 REFR_T1	0	1	1	0	0.1	0.1	0.05	0.01	0	0	0	0	0	0
2/6/2024 9:52	56503 ROCK_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/6/2024 9:52	24901 WHHA_T1	1	0	-1	0.5	0	-0.5	0	0	0	0	0	0	0	0
2/6/2024 9:53	56501 ROCK_T2	20	53	33	0.18	0.17	-0.01	-2.88	-2.88	0	0	0	0	0	0
2/6/2024 9:53	43302 WATS_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/6/2024 9:54	43301 WATS_T2	0	0	0	0	0	0	-0.67	-0.64	0	0	0	0	0	0
2/6/2024 9:54	29401 BELT_T1	65	107	42	0.32	0.36	0.04	0	0	0	0	0	0	0	0
2/6/2024 9:55	40201 BEGA_T2	1	1	0	0.8	1	0.2	0	0	0	0	0	0	0	0
2/6/2024 9:56	66505 SMAN_T2	3	3	0	0.43	0.43	0	0	0	0	0	0	0	0	0
2/6/2024 9:57	54504 ENOL_T2	0	0	0	0	0	0	-0.99	-0.98	0	0	0	0	0	0
2/6/2024 9:57	64101 REFR_T1	0	1	1	0	0.1	0.1	0.01	-0.03	0	0	0	0	0	0
2/6/2024 9:59	42204 SHEN_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/6/2024 10:01	57302 MOAL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/6/2024 10:02	40601 PIGR_T1	6	4	-2	0.3	0.18	-0.12	0	0	0	0	0	0	0	0
2/6/2024 10:02	55002 NEWP_T1	9	9	0	0.93	1.09	0.16	-0.16	-0.18	0	0	0

2/6/2024 10:16	54505 ENOL_T2	1	2	1	0.8	0.6	-0.2	0	0	0	0	0	0	0
2/6/2024 10:16	16401 MOPO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
2/6/2024 10:18	40602 PIGR_T1	0	2	2	0	0.3	0.3	-0.53	-0.57	0	0	0	0	0
2/6/2024 10:18	56503 ROCK_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
2/6/2024 10:18	65004 NEFF_T2	1	1	0	0.5	0.8	0.3	0	0	0	0	0	0	0
2/6/2024 10:19	13905 SEID_T1	0	0	0	0	0	0	-0.95	-0.95	0	0	0	0	0
2/6/2024 10:19	14403 SSLA_T1	0	2	2	0	0.25	0.25	0.85	0.86	0	0	0	0	0
2/6/2024 10:20	43104 SMIL_T2	0	0	0	0	0	0	-0.74	-0.71	0	0	0	0	0
2/6/2024 10:20	67002 STHI_T2	74	222	148	0.23	0.21	-0.02	0	0	0	0	0	0	0
2/6/2024 10:20	40602 PIGR_T1	0	2	2	0	0.3	0.3	-1.06	-1.13	0	0	0	0	0
2/6/2024 10:20	65003 NEFF_T2	0	2	2	0	0.2	0.2	0	0	0	0	0	0	0
2/6/2024 10:21	67001 STHI_T2	246	508	262	0.16	0.21	0.05	0.16	0.13	0	0	0	0	0
2/6/2024 10:21	67001 STHI_T2	246	508	262	0.16	0.21	0.05	0.16	0.13	0	0	0	0	0
2/6/2024 10:21	43302 WATS_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
2/6/2024 10:21	56503 ROCK_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
2/6/2024 10:21	49804 UNIV_T1	0	1	1	0	0.1	0.1	0	0	0	0	0	0	0
2/6/2024 10:21	57403 SPAN_T1	9	8	-1	0.23	0.34	0.11	0.16	0.12	0	0	0	0	0
2/6/2024 10:22	20403 ASHF_T2	3	5	2	0.53	0.66	0.13	0.11	0.21	0	0	0	0	0
2/6/2024 10:22	24102 EHAZ_T1	0	4	4	0	0	0	0	0	0	0	0	0	0
2/6/2024 10:22	57403 SPAN_T1	9	8	-1	0.23	0.34	0.11	0	0	0	0	0	0	0
2/6/2024 10:22	61102 BERK_T5	1	2	1	0.1	0.25	0.15	0	0	0	0	0	0	0
2/6/2024 10:22	67503 WEWI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
2/6/2024 10:22	15001 BLMO_T1	2	3	1	0.2	0.27	0.07	0	0	0	0	0	0	0
2/6/2024 10:23	17802 GILB_T1	2	2	0	0.35	0.35	0	0.29	0.28	0	0	0	0	0
2/6/2024 10:23	43102 SMIL_T2	6	8	2	0.55	0.6	0.05	0	0	0	0	0	0	0
2/6/2024 10:23	56802 BENV_T2	43	152	109	0.19	0.26	0.07	-1.19	-1.24	0	0	0	0	0
2/6/2024 10:23	57401 SPAN_T1	171	76	-95	0.36	0.24	-0.12	-1.05	-0.33	0	0	0	0	0
2/6/2024 10:23	67002 STHI_T2	74	222	148	0.23	0.21	-0.02	0	0	0	0	0	0	0
2/6/2024 10:24	20403 ASHF_T2	3	5	2	0.53	0.66	0.13	0.21	0.17	0	0	0	0	0
2/6/2024 10:24	61103 BERK_T5	4	16	12	0.2	0.25	0.05	0.09	0.08	0	0	0	0	0
2/6/2024 10:24	67001 STHI_T2	246	508	262	0.16	0.21	0.05	0	0	0	0	0	0	0
2/6/2024 10:24	15001 BLMO_T1	2	3	1	0.2	0.27	0.07	0	0	0	0	0	0	0
2/6/2024 10:24	14404 SSLA_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
2/6/2024 10:24	17804 GILB_T2	1	1	0	1	0.8	-0.2	0	0	0	0	0	0	0
2/6/2024 10:24	67502 WEWI_T2	2	2	0	0.6	0.85	0.25	-0.01	-0.08	0	0	0	0	0
2/6/2024 10:25	67502 WEWI_T2	2	2	0	0.6	0.85	0.25	-0.01	-0.08	0	0	0	0	0
2/6/2024 10:25	54501 ENOL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
2/6/2024 10:25	61102 BERK_T5	1	2	1	0.1	0.25	0.15	0	0	0	0	0	0	0
2/6/2024 10:26	54506 ENOL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
2/6/2024 10:26	56802 BENV_T2	43	152	109	0.19	0.26	0.07	-3.72	-3.65	0	0	0	0	0
2/6/2024 10:26	15001 BLMO_T1	2	3	1	0.2	0.27	0.07	0	0	0	0	0	0	0
2/6/2024 10:27	24102 EHAZ_T1	0	4	4	0	0	0	0	0	0	0	0	0	0
2/6/2024 10:27	10801 CHHI_T1	1	4	3	1.4	0.58	-0.82	-0.74	-0.65	0	0	0	0	0
2/6/2024 10:28	54505 ENOL_T2	1	2	1	0.8	0.6	-0.2	0	0	0	0	0	0	0
2/6/2024 10:28	17803 GILB_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
2/6/2024 10:29	54501 ENOL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
2/6/2024 10:29	54503 ENOL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
2/6/2024 10:29	54501 ENOL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
2/6/2024 10:29	26402 INOR_T1	0	1	1	0	0.6	0.6	0	0	0	0	0	0	0
2/6/2024 10:32	10801 CHHI_T1	3	3	0	0.7	0.7	0	-0.74	-0.65	0	0	0	0	0
2/6/2024 10:33	54206 PENN_T2	1	4	3	0.2	0.23	0.03	0.04	0.01	0	0	0	0	0
2/6/2024 10:35	49803 UNIV_T1	1	1	0	0.7	0.5	-0.2	-0.91	-0.94	0	0	0	0	0
2/6/2024 10:36	59101 WALK_T2	0	0	0	0	0	0	0.46	0.43	0	0	0	0	0
2/6/2024 10:36	42202 SHEN_T2	1	2	1	0.3	0.4	0.1	0	0	0	0	0	0	0
2/6/2024 10:36	43303 WATS_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
2/6/2024 10:36	43301 WATS_T2	0	1	1	0	0.3	0.3	-0.66	-0.65	0	0	0	0	0
2/6/2024 10:36	41902 REED_T1	0	0	0	0	0	0	1.25	1.18	0	0	0	0	0
2/6/2024 10:36	57401 SPAN_T1	75	25	-50	0.24	0.31	0.07	-0.33	-0.36	0	0	0	0	0
2/6/2024 10:36	45402 WBLO_T2	1	3	2	1	0.57	-0.43	-0.53	-0.57	0	0	0	0	0
2/6/2024 10:38	24105 EHAZ_T1	4	4	0	5.43	5.5	0.07	-1.95	-1.93	0	0	0	0	0
2/6/2024 10:38	43301 WATS_T2	0	1	1	0	0.3	0.3	0	0	0	0	0	0	0
2/6/2024 10:39	42701 AUGU_T1	2	3	1	0.55	0.53	-0.02	0	0	0	0	0	0	0
2/6/2024 10:40	43303 WATS_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
2/6/2024 10:40	67605 WARW_T1	36	62	26	0.46	0.4	-0.06	-1.35	-1.25	0	0	0	0	0
2/6/2024 10:40	17801 GILB_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
2/6/2024 10:40	42701 AUGU_T1	2	3	1	0.55	0.53	-0.02	0	0	0	0	0	0	0
2/6/2024 10:41	46203 DANV_T2	24	95	71	0.32	0.41	0.09	-0.9	-0.93	0	0	0	0	0
2/6/2024 10:41	48902 FOSP_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
2/6/2024 10:41	54502 ENOL_T2	1	1	0	0.7	0.6	-0.1	0	0	0	0	0	0	0
2/6/2024 10:41	54504 ENOL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
2/6/2024 10:41	67603 WARW_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
2/6/2024 10:42	54502 ENOL_T2	1	1	0	0.7	0.6	-0.1	-1.16	-1.17	0	0	0	0	0
2/6/2024 10:42	54504 ENOL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
2/6/2024 10:42	10801 CHHI_T1	3	3	0	0.7	0.7	0	-0.65	-0.67	0	0	0	0	0
2/6/2024 10:43	24101 EHAZ_T1	39	45	6	0.84	0.93	0.09	0	0	0	0	0	0	0
2/6/2024 10:44	54501 ENOL_T2	0	0	0	0	0	0	0.14	0.14	0	0	0	0	0
2/6/2024 10:44	54501 ENOL_T2	0	0	0	0	0	0	0.14	0.14	0	0	0	0	0
2/6/2024 10:44	54501 ENOL_T2	0	0	0	0	0	0	0.14	0.14	0	0	0	0	0
2/6/2024 10:44	48902 FOSP_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
2/6/2024 10:44	64204 KINZ_T1	1	1	0	1	1.2	0.2	0	0	0	0	0	0	0
2/6/2024 10:44	26401 INOR_T1	3	2	-1	0.13	0.15	0.02	0.88	0.93	0	0	0	0	0
2/6/2024 10:45	54503 ENOL_T2	0	0	0	0	0	0	-1.87	-1.86	0	0	0	0	0
2/6/2024 10:45	54502 ENOL_T2	1	1	0	0.6	0.6	0	-1.16	-1.17	0	0	0	0	0
2/6/2024 10:45	54503 ENOL_T2	0	0	0	0	0	0	-1.87	-1.86	0	0	0	0	0
2/6/2024 10:45	64201 KINZ_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
2/6/2024 10:45	54505 ENOL_T2	1	2	1	1	0.6	-0.4	-1.18	-1.2	0	0	0	0	0
2/6/2024 10:45	48902 FOSP_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
2/6/2024 10:45	40101 HUNT_T2	9	43	34	0.17	0.53	0.36	-0.68	-0.65	0	0	0	0	0
2/6/2024 10:46	54503 ENOL_T2	0	0	0	0	0	0	-1.87	-1.86	0	0	0	0	0
2/6/2024 10:46	64202 KINZ_T1	3	3	0	0.63	0.8	0.17	0	0	0	0	0	0	0
2/6/2024 10:46	53903 HALI_T2	2	4	2	1	0.78	-0.22	-0.14	-0.12	0	0	0	0	0
2/6/2024 10:46	64802 MONE_T2	6	24	18	0.42	0.28	-0.14	0.18	0.15	0	0	0	0	0
2/6/2024 10:48	10801 CHHI_T1	3	3	0	0.7	0.7	0	-0.65	-0.67	0	0	0	0	0
2/6/2024 10:48	64101 REFR_T1	1	2	1	0.2	0.1	-0.1	-0.02	0.02	0	0	0	0	0
2/6/2024 10:49	67001 STHI_T2	476	566	90	0.21	0.25	0.04	0.13	0.13	0	0	0	0	0
2/6/2024 10:50	42001 MNVL_T2	4	3	-1	0.38	0.4	0.02	0.08	0.09	0	0	0	0	0
2/6/2024 10:50	64101 REFR_T1	1	2	1	0.2	0.1	-0.1	-0.03	0.03	0	0	0	0	0
2/6/2024 10:50	26401 INOR_T1	1	2	1	0.2	0.1	-0.1	0.88	0.93	0	0	0	0	0
2/6/2024 10:50	67002 STHI_T2	214	267	53	0.2	0.23	0.03	0.71	0.73	0	0	0	0	0
2/6/2024 10:50	57401 SPAN_T1	21	67	46	0.31	0.27	-0.04	-0.36	-0.32	0	0	0	0	0
2/6/2024 10:51	67002 STHI_T2	214	267	53	0.2	0.23	0.03	0	0	0	0	0	0	0
2/6/2024 10:51	49804 UNIV_T1	0	2	2	0	0.25	0.25	0	0	0	0	0	0	0
2/6/2024 10:52	60201 ATGL_T2	0	0	0	0	0	0	-0.21	-0.21	0	0	0	0	0
2/6/2024 10:52	57401 SPAN_T1	21	67	46	0.31	0.27	-0.04	-0.72	-0.64	0	0	0	0	0
2/6/2024 10:52	57401 SPAN_T1	21	67	46	0.31	0.27	-0.04	-0.72	-0.64	0	0	0	0	0
2/6/2024 10:52	67503 WEWI_T2	0	0	0	0	0	0	-0.08	-0.06	0	0	0	0	0
2/6/2024 10:52	43001 ALWD_T1	2	3	1	0.45	0.3	-0.15	0	0	0	0	0	0	0
2/6/2024 10:52	41902 REED_T1	0	0	0	0	0	0	1.18	1.22	0	0	0	0	0
2/6/2024 10:52	67002 STHI_T2	214	267	53	0.2	0.23	0.03	0.71	0.73	0	0	0	0	0
2/6/2024 10:52	64101 REFR_T1	1	2	1	0.2	0.1	-0.1	-0.03	0.03	0	0	0	0	0
2/6/2024 10:52	67002 STHI_T2	214	267	53	0.2	0.23	0.03	0.71	0.73	0	0	0	0	0
2/6/2024 10:53	51306 WIND_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
2/6/2024 10:53	27502 WEIS_T2	0	0	0	0	0	0	-0.38	-0.37	0	0	0	0	0
2/6/2024 10:54	61101 BERK_T5	3	7	4	0.47	0.45	-0.02	0	0	0	0	0	0	0
2/6/2024 10:54	24104 EHAZ_T1	123	117	-6	0.34	0.32	-0.02	0	0	0	0	0	0	0
2/6/2024 10:55	10706 CATA_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
2/6/2024 10:55	61103 BERK_T5	16	24	8	0.24	0.26	0.02	0.09	0.09	0	0	0	0	0
2/6/2024 10:55	54502 ENOL_T2	1	1	0	0.6	0.6	0	0	0	0	0	0	0	0
2/6/2024 10:55	64101 REFR_T1	1	2	1	0.2	0.1	-0.1	0.02	-0.01	0	0	0	0	0
2/6/2024 10:56	61103 BERK_T5	16	24	8	0.24	0.26	0.02	0.09	0.09	0	0	0	0	0
2/6/2024 10:56	54502 ENOL_T2	1	1	0	0.6	0.6	0	0	0	0	0	0	0	0
2/6/2024 10:56	55105 WERT_T1	1	2	1	0.4	0.45	0.05	-0.54	-0.56	0	0	0	0	0
2/6/2024 10:56	54501 ENOL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
2/6/2024 10:57	54501 ENOL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
2/6/2024 10:57	17801 GILB_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
2/6/2024 10:57	54506 ENOL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
2/6/2024 10:57	60201 ATGL_T2	0	0	0	0	0	0	-0.21	-0.14	0	0	0	0	0
2/6/2024 10:57	43001 ALWD_T1	2	3	1	0.45	0.3	-0.15	0	0	0	0	0	0	0
2/6/2024 10:59	24104 EHAZ_T1	123	117	-6	0.34	0.32	-0.02	0	0	0	0	0	0	0
2/6/2024 10:59	54501 ENOL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
2/6/2024 10:59	13502 MCMI_T1	0	2	2	0	0.15	0.15	0	0	0	0	0	0	0
2/6/2024 10:59	54502 ENOL_T2	1	1	0	0.6	0.6	0	0	0	0	0	0	0	0
2/6/2024 11:00	54503 ENOL_T2	0	0	0	0	0	0	-1.86	-1.7	0	0	0	0	0
2/6/2024 11:00	54503 ENOL_T2	0	0	0	0	0	0	-1.86	-1.7	0	0	0	0	0
2/6/2024 11:00	54504 ENOL_T2	0	1	1	0	0.5	0.5	-0.98	-0.98	0	0	0	0	0
2/6/2024 11:00	26402 INOR_T1	1	1	0	0.5	0.8	0.3	0	0	0	0	0	0	0
2/6/2024 11:01	54502 ENOL_T2	1	1	0	0.6	0.6	0	-1.17	-1.08	0	0	0	0	0
2/6/2024 11:01	54504 ENOL_T2	0	1	1	0	0.5	0.5	0	0	0	0	0	0	0
2/6/2024 11:01	54501 ENOL_T2	0	0	0	0	0	0	0.14	0.11	0	0	0	0	0
2/6/2024 11:02	54502 ENOL_T2	1	1	0	0.6	0.6	0	0	0	0	0	0	0	0
2/6/2024 11:02	46501 LOHA_T1	1	2	1	0.1	0.8	0.7	0.03	0.04	0	0	0	0	0
2/6/2024 11:02	52006 LING_T2	2	3	1	0.5	0.3	-0.2	0	0	0	0	0	0	0
2/6/2024 11:02	54502 ENOL_T2	1	1	0	0.6	0.6	0	0	0	0	0	0	0	0
2/6/2024 11:02	47402 PENS_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
2/6/2024 11:02	64101 REFR_T1	2	1	-1	0.1	0.2	0.1	0.02	-0.01	0	0	0	0	0
2/6/2024 11:03	64902 MILL_T2	0	0	0	0	0	0	0.26	0.22	0	0	0	0	0
2/6/2024 11:04	47402 PENS_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
2/6/2024 11:04	24102 EHAZ_T1	2	6	4	0.4	0.2	-0.2	0	0	0	0	0	0	0
2/6/2024 11:05	13302 ORVI_T2	2	3	1	0.4	0.63	0.23	1.15	1.06	0	0	0	0	0
2/6/2024 11:05	47403 PENS_T1	3	2	-1	0.73	0.25	-0.48	0	0	0	0	0	0	0
2/6/2024 11:05	42204 SHEN_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
2/6/2024 11:05	56503 ROCK_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
2/6/2024 11:05	67001 STHI_T2	549	555	6	0.25	0.24	-0.01	0.13	0.13	0	0	0	0	0
2/6/2024 11:05	57401 SPAN_T1	23	157	134	0.33	0.37	0.04	0	0	0	0	0	0	0
2/6/2024 11:06	45602 WOOL_T1	7	7	0	0.83	1	0.17	0	0	0	0	0	0	0
2/6/2024 11:06	57403 SPAN_T1	17	21	4	0.32	0.4	0.08	0.17	0.16	0	0	0	0	0
2/6/2024 11:06	47403 PENS_T1	3	2	-1	0.73	0.25	-0.48	0	0	0	0	0	0	0
2/6/2024 11:06	67001 STHI_T2	549	555	6	0.25	0.24	-0.01	0	0	0	0	0	0	0
2/6/2024 11:06	16301 ALPA_T1	10	6	-4	0.21	0.27	0.06	-0.31	-0.34	0	0	0	0	0
2/6/2024 11:06	52501 PROG_T1	0	0	0	0	0	0	0.9	0.88	0	0	0	0	0
2/6/2024 11:07	60803 BUCK_T1	4	5	1	0.45	0.42	-0.03	-0.5	-0.52	0	0	0	0	0
2/6/2024 11:07	55101 WERT_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
2/6/2024 11:07	54201 PENN_T1	88	98	10	0.29	0.32	0.03	0.06	0.05	0	0	0	0	0
2/6/2024 11:07	47402 PENS_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
2/6/2024 11:07	49803 UNIV_T1	1	1	0	0.2	0.8	0.6	-0.95	-0.89	0	0	0	0	0
2/6/2024 11:07	59102 WALK_T2	3	7	4	0.13	0.3	0.17	0	0	0	0	0	0	0
2/6/2024 11:07	52501 PROG_T1	0	0	0	0	0	0	0.9	0.88	0	0	0	0	0
2/6/2024 11:07	64101 REFR_T1	2	1	-1	0.1	0.2	0.1	0.02	-0.01	0	0	0	0	0
2/6/2024 11:07	67001 STHI_T2	549	555	6	0.25	0.24	-0.01	0.13	0.13	0	0	0	0	0
2/6/2024 11:08	67001 STHI_T2	549	555	6	0.25	0.24	-0.01	0.13	0.13	0	0	0	0	0
2/6/2024 11:08	16302 ALPA_T2	0	0	0	0	0	0	0.77	0.75	0	0	0	0	0
2/6/2024 11:08	45402 WBLO_T2	2	2	0	0.75	0.95	0.2	-0.59	-0.59	0	0	0	0	0
2/6/2024 11:08	20402 ASHF_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
2/6/2024 11:08	67002 STHI_T2	250	237	-13	0.22	0.24	0.02	0.73	0.71	0	0	0	0	0
2/6/2024 11:08	60803 BUCK_T1	4	5	1	0.45	0.42	-0.03	-0.5	-0.52	0	0	0	0	0
2/6/2024 11:08	57401 SPAN_T1	23	157	134	0.33	0.37	0.04	0	0	0	0	0	0	0
2/6/2024 11:08	16301 ALPA_T1	10	6	-4	0.21	0.27	0.06	-0.31	-0.34	0	0	0	0	0
2/6/2024 11:09	51306 WIND_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
2/6/2024 11:09	46004 BERW_T2	0	1	1	0	0.1	0.1	-0.08	-0.12	0	0	0	0	0
2/6/2024 11:09	60803 BUCK_T1	4	5	1	0.45	0.42	-0.03	-0.52	-0.51	0	0	0	0	0
2/6/2024 11:09	67402 WAKE_T2	0	0	0	0	0	0	0.55	0.55	0	0	0	0	0
2/6/2024 11:09	16302 ALPA_T2	0	0	0	0	0	0	0.75	0.84	0	0	0	0	0
2/6/2024 11:09	24101 EHAZ_T1	42	40	-2	0.93	0.69	-0.24	0	0	0	0	0	0	0
2/6/2024 11:09	66702 STRA_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
2/6/2024 11:09	16301 ALPA_T1	10	6	-4	0.21	0.27	0.06	-0.34	-0.35	0	0	0	0	0
2/6/2024 11:10	62604 ENGI_T1	0	0	0	0	0	0	-0.35	-0.36	0	0	0	0	0
2/6/2024 11:10	57401 SPAN_

2/6/2024 11:34	54202 PENN_T2	4	39	35	0.15	0.16	0.01	0	0	0	0	0	0	0	0
2/6/2024 11:34	64801 MONE_T2	18	92	74	0.31	0.43	0.12	0	0	0	0	0	0	0	0
2/6/2024 11:34	64101 REFR_T1	1	1	0	0.2	0.4	0.2	-0.03	-0.03	0	0	0	0	0	0
2/6/2024 11:35	57401 SPAN_T1	155	103	-52	0.37	0.31	-0.06	-0.4	-0.32	0	0	0	0	0	0
2/6/2024 11:35	16406 MOPO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/6/2024 11:35	42201 SHEN_T2	1	2	1	0.2	0.35	0.15	-0.47	-0.49	0	0	0	0	0	0
2/6/2024 11:35	64101 REFR_T1	1	1	0	0.2	0.4	0.2	-0.02	-0.02	0	0	0	0	0	0
2/6/2024 11:36	24105 EHAZ_T1	4	4	0	5.73	5.65	-0.08	-1.92	-1.93	0	0	0	0	0	0
2/6/2024 11:36	47401 PENS_T1	4	12	8	0.68	0.46	-0.22	2.07	2.16	0	0	0	0	0	0
2/6/2024 11:36	67402 WAKE_T2	0	0	0	0	0	0	0.55	0.51	0	0	0	0	0	0
2/6/2024 11:36	67502 WEWI_T2	3	5	2	0.77	0.7	-0.07	0	0	0	0	0	0	0	0
2/6/2024 11:36	64101 REFR_T1	1	1	0	0.2	0.4	0.2	-0.02	-0.02	0	0	0	0	0	0
2/6/2024 11:36	27503 WEIS_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/6/2024 11:37	67503 WEWI_T2	0	0	0	0	0	0	-0.07	-0.09	0	0	0	0	0	0
2/6/2024 11:37	64101 REFR_T1	1	1	0	0.2	0.4	0.2	-0.02	-0.02	0	0	0	0	0	0
2/6/2024 11:37	42203 SHEN_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/6/2024 11:37	57401 SPAN_T1	155	103	-52	0.37	0.31	-0.06	-0.8	-0.65	0	0	0	0	0	0
2/6/2024 11:37	45602 WOOL_T1	7	7	0	0.97	0.88	-0.09	0	0	0	0	0	0	0	0
2/6/2024 11:37	57403 SPAN_T1	21	32	11	0.38	0.37	-0.01	0.49	0.43	0	0	0	0	0	0
2/6/2024 11:37	67402 WAKE_T2	0	0	0	0	0	0	0.55	0.51	0	0	0	0	0	0
2/6/2024 11:37	59202 THOM_T1	12	33	21	0.46	0.38	-0.08	0	0	0	0	0	0	0	0
2/6/2024 11:38	57403 SPAN_T1	21	32	11	0.38	0.37	-0.01	0	0	0	0	0	0	0	0
2/6/2024 11:38	61101 BERK_T5	6	9	3	0.42	0.49	0.07	0	0	0	0	0	0	0	0
2/6/2024 11:38	14403 SSLA_T1	1	2	1	0.1	0.35	0.25	1.6	1.44	0	0	0	0	0	0
2/6/2024 11:38	49804 UNIV_T1	1	1	0	0.3	0.1	-0.2	0	0	0	0	0	0	0	0
2/6/2024 11:38	67502 WEWI_T2	3	5	2	0.77	0.7	-0.07	-0.11	-0.06	0	0	0	0	0	0
2/6/2024 11:38	67503 WEWI_T2	0	0	0	0	0	0	-0.07	-0.09	0	0	0	0	0	0
2/6/2024 11:39	67502 WEWI_T2	3	5	2	0.77	0.7	-0.07	-0.13	-0.06	0	0	0	0	0	0
2/6/2024 11:39	60801 BUCK_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/6/2024 11:39	61102 BERK_T5	3	3	0	0.2	0.33	0.13	0	0	0	0	0	0	0	0
2/6/2024 11:39	57403 SPAN_T1	21	32	11	0.38	0.37	-0.01	0.14	0.14	0	0	0	0	0	0
2/6/2024 11:40	61101 BERK_T5	6	9	3	0.42	0.49	0.07	0	0	0	0	0	0	0	0
2/6/2024 11:40	57401 SPAN_T1	155	103	-52	0.37	0.31	-0.06	-0.97	-1.17	0	0	0	0	0	0
2/6/2024 11:40	60803 BUCK_T1	5	5	0	0.4	0.28	-0.12	-1.02	-1.02	0	0	0	0	0	0
2/6/2024 11:41	61102 BERK_T5	3	3	0	0.2	0.33	0.13	0	0	0	0	0	0	0	0
2/6/2024 11:41	24102 EHAZ_T1	3	4	1	0.43	0	-0.43	0	0	0	0	0	0	0	0
2/6/2024 11:41	57403 SPAN_T1	21	32	11	0.38	0.37	-0.01	0	0	0	0	0	0	0	0
2/6/2024 11:41	67401 WAKE_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/6/2024 11:41	67503 WEWI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/6/2024 11:42	65002 NEFF_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/6/2024 11:42	26401 INOR_T1	1	2	1	0.1	0.5	0.4	1.8	1.82	0	0	0	0	0	0
2/6/2024 11:42	61101 BERK_T5	6	9	3	0.42	0.49	0.07	0	0	0	0	0	0	0	0
2/6/2024 11:43	63601 LETO_T1	0	1	1	0	0.2	0.2	0	0	0	0	0	0	0	0
2/6/2024 11:43	64301 LINC_T1	0	0	0	0	0	0	-0.01	-0.01	0	0	0	0	0	0
2/6/2024 11:44	63602 LETO_T1	1	1	0	0.7	0.7	0	-0.14	-0.35	0	0	0	0	0	0
2/6/2024 11:44	50103 HARR_T3	1	2	1	0.5	0.5	0	-1.64	-1.69	0	0	0	0	0	0
2/6/2024 11:45	63801 HEMP_T1	8	36	28	0.49	0.33	-0.16	0	0	0	0	0	0	0	0
2/6/2024 11:45	16406 MOPO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/6/2024 11:45	43202 MVIL_T2	76	94	18	0.53	0.72	0.19	-0.58	-0.51	0	0	0	0	0	0
2/6/2024 11:45	13503 MCMI_T2	0	1	1	0	0	0	0.09	0.04	0	0	0	0	0	0
2/6/2024 11:46	12704 MACU_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/6/2024 11:46	25404 LAHA_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/6/2024 11:46	13503 MCMI_T1	0	2	2	0	0.15	0.15	0	0	0	0	0	0	0	0
2/6/2024 11:47	64301 LINC_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/6/2024 11:47	43201 MVIL_T2	1	1	0	0.6	0.4	-0.2	0	0	0	0	0	0	0	0
2/6/2024 11:47	12704 MACU_T1	0	0	0	0.3	0	0	0	0	0	0	0	0	0	0
2/6/2024 11:47	66303 MCGO_T2	1	1	0	0.3	0.3	0	0	0	0	0	0	0	0	0
2/6/2024 11:47	47402 PENS_T1	0	1	1	0	0.3	0.3	0	0	0	0	0	0	0	0
2/6/2024 11:47	40603 PGR_T1	1	2	1	0.3	0.35	0.05	0.32	0.36	0	0	0	0	0	0
2/6/2024 11:47	55002 NEWP_T1	11	12	1	0.84	1.01	0.17	-0.16	-0.15	0	0	0	0	0	0
2/6/2024 11:47	42001 MNVL_T2	4	1	-3	0.3	0.2	-0.1	0.1	0.08	0	0	0	0	0	0
2/6/2024 11:48	43201 MVIL_T2	1	1	0	0.6	0.4	-0.2	-0.36	-0.38	0	0	0	0	0	0
2/6/2024 11:48	47403 PENS_T1	3	7	4	0.5	0.59	0.09	0	0	0	0	0	0	0	0
2/6/2024 11:48	64101 REFR_T1	1	2	1	0.4	0.15	-0.25	-0.02	-0.01	0	0	0	0	0	0
2/6/2024 11:48	64903 MILL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/6/2024 11:48	55001 NEWP_T1	30	21	-9	0.34	0.37	0.03	0	0	0	0	0	0	0	0
2/6/2024 11:49	46301 ROHR_T1	72	104	32	0.23	0.28	0.05	0	0	0	0	0	0	0	0
2/6/2024 11:49	55001 NEWP_T1	30	21	-9	0.34	0.37	0.03	0	0	0	0	0	0	0	0
2/6/2024 11:49	43106 SMIL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/6/2024 11:49	43102 SMIL_T2	8	9	1	0.56	0.64	0.08	0	0	0	0	0	0	0	0
2/6/2024 11:49	47403 PENS_T1	3	7	4	0.5	0.59	0.09	0	0	0	0	0	0	0	0
2/6/2024 11:50	64101 REFR_T1	1	2	1	0.4	0.15	-0.25	-0.03	-0.01	0	0	0	0	0	0
2/6/2024 11:50	65003 NEFF_T2	2	4	2	0.35	0.48	0.13	0	0	0	0	0	0	0	0
2/6/2024 11:51	46302 ROHR_T1	8	5	-3	1.13	1.62	0.49	0.22	0.22	0	0	0	0	0	0
2/6/2024 11:51	54204 PENN_T2	0	1	1	0	0.1	0.1	0	0	0	0	0	0	0	0
2/6/2024 11:51	67502 WEWI_T2	5	6	1	0.6	0.72	0.12	-0.06	-0.03	0	0	0	0	0	0
2/6/2024 11:51	64101 REFR_T1	1	2	1	0.4	0.15	-0.25	-0.02	-0.01	0	0	0	0	0	0
2/6/2024 11:51	67401 WAKE_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/6/2024 11:52	67503 WEWI_T2	0	1	1	0	0	0	-0.09	-0.11	0	0	0	0	0	0
2/6/2024 11:52	67401 WAKE_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/6/2024 11:52	24103 EHAZ_T1	4	4	0	1	1.23	0.23	0	0	0	0	0	0	0	0
2/6/2024 11:52	64101 REFR_T1	1	2	1	0.4	0.15	-0.25	-0.02	-0.01	0	0	0	0	0	0
2/6/2024 11:53	43104 SMIL_T2	0	2	2	0	0.2	0.2	-0.77	-0.76	0	0	0	0	0	0
2/6/2024 11:53	59202 THOM_T1	12	55	43	0.4	0.36	-0.04	0	0	0	0	0	0	0	0
2/6/2024 11:53	64101 REFR_T1	1	2	1	0.4	0.15	-0.25	-0.02	-0.01	0	0	0	0	0	0
2/6/2024 11:53	67502 WEWI_T2	5	6	1	0.6	0.72	0.12	0	0	0	0	0	0	0	0
2/6/2024 11:54	61102 BERK_T5	3	3	0	0.23	0.3	0.07	0	0	0	0	0	0	0	0
2/6/2024 11:54	29401 BELT_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/6/2024 11:54	67503 WEWI_T2	0	1	1	0	0	0	-0.11	-0.08	0	0	0	0	0	0
2/6/2024 11:54	67503 WEWI_T2	0	1	1	0	0	0	-0.11	-0.08	0	0	0	0	0	0
2/6/2024 11:55	67502 WEWI_T2	5	6	1	0.6	0.72	0.12	-0.06	-0.25	0	0	0	0	0	0
2/6/2024 11:55	44301 BEAV_T2	2	11	9	0.25	0.31	0.06	0.07	-0.88	0	0	0	0	0	0
2/6/2024 11:55	29402 BELT_T1	8	23	15	1.46	0.7	-0.76	0	0	0	0	0	0	0	0
2/6/2024 11:56	44301 BEAV_T2	2	11	9	0.25	0.31	0.06	0	0	0	0	0	0	0	0
2/6/2024 11:57	67402 WAKE_T2	0	0	0	0	0	0	0.54	0.54	0	0	0	0	0	0
2/6/2024 11:57	61102 BERK_T5	3	3	0	0.23	0.3	0.07	0	0	0	0	0	0	0	0
2/6/2024 11:57	24101 EHAZ_T1	37	42	5	1.62	1.3	-0.32	0	0	0	0	0	0	0	0
2/6/2024 11:57	44302 BEAV_T2	2	88	86	0.2	0.4	0.2	0	0	0	0	0	0	0	0
2/6/2024 11:58	61101 BERK_T5	7	9	2	0.56	0.49	-0.07	0	0	0	0	0	0	0	0
2/6/2024 12:02	61502 EPET_T1	0	1	1	0	0.3	0.3	0	0	0	0	0	0	0	0
2/6/2024 12:02	64702 LITI_T2	0	0	0	0	0	0	-0.75	-0.78	0	0	0	0	0	0
2/6/2024 12:02	47104 MARL_T1	0	0	0	0	0	0	-0.78	-0.78	0	0	0	0	0	0
2/6/2024 12:03	61502 EPET_T1	0	1	1	0	0.3	0.3	0	0	0	0	0	0	0	0
2/6/2024 12:04	61505 EPET_T1	0	0	0	0	0	0	0.28	0.26	0	0	0	0	0	0
2/6/2024 12:04	64702 LITI_T2	0	0	0	0	0	0	-0.75	-0.78	0	0	0	0	0	0
2/6/2024 12:05	46506 LOHA_T1	1	1	0	0.4	0.7	0.3	0	0	0	0	0	0	0	0
2/6/2024 12:05	53802 MBRG_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/6/2024 12:06	63801 HEMP_T1	12	44	32	0.48	0.31	-0.17	0.77	0.09	0	0	0	0	0	0
2/6/2024 12:06	44301 BEAV_T2	8	10	2	0.35	0.3	-0.05	0	0	0	0	0	0	0	0
2/6/2024 12:06	64703 LITI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/6/2024 12:07	24101 EHAZ_T1	42	36	-6	1.32	0.6	-0.72	0	0	0	0	0	0	0	0
2/6/2024 12:07	54203 PENN_T1	371	414	43	0.35	0.42	0.07	0.01	0.04	0	0	0	0	0	0
2/6/2024 12:07	47104 MARL_T1	0	0	0	0	0	0	-0.78	-0.78	0	0	0	0	0	0
2/6/2024 12:07	67401 WAKE_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/6/2024 12:07	44302 BEAV_T2	7	94	87	0.26	0.41	0.15	0.24	0.27	0	0	0	0	0	0
2/6/2024 12:08	64903 MILL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/6/2024 12:08	13503 MCMI_T2	0	1	1	0	0	0	0.05	0.05	0	0	0	0	0	0
2/6/2024 12:11	53802 MBRG_T2	0	0	0	0	0	0	1.34	1.4	0	0	0	0	0	0
2/6/2024 12:11	44301 BEAV_T2	8	10	2	0.35	0.3	-0.05	-0.88	-0.71	0	0	0	0	0	0
2/6/2024 12:11	60801 BUCK_T1	0	2	2	0	0.2	0.2	0	0	0	0	0	0	0	0
2/6/2024 12:12	60801 BUCK_T1	0	2	2	0	0.2	0.2	0	0	0	0	0	0	0	0
2/6/2024 12:13	67401 WAKE_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/6/2024 12:13	24103 EHAZ_T1	4	4	0	1.78	0.2	-1.58	0	0	0	0	0	0	0	0
2/6/2024 12:16	42002 MNVL_T2	1	1	0	7.4	7.9	0.5	0	0	0	0	0	0	0	0
2/6/2024 12:16	63804 HEMP_T1	1	1	0	6.8	6.8	0	0	0	0	0	0	0	0	0
2/6/2024 12:19	54206 PENN_T2	59	71	12	0.23	0.23	0	0.03	0	0	0	0	0	0	0
2/6/2024 12:20	54203 PENN_T1	403	419	16	0.42	0.39	-0.03	0	0	0	0	0	0	0	0
2/6/2024 12:20	14402 SSLA_T1	0	2	2	0	0.15	0.15	0	0	0	0	0	0	0	0
2/6/2024 12:21	59202 THOM_T1	48	23	-25	0.36	0.33	-0.03	0	0	0	0	0	0	0	0
2/6/2024 12:21	14403 SSLA_T1	3	2	-1	0.33	0.2	-0.13	0.73	0.73	0	0	0	0	0	0
2/6/2024 12:21	54202 PENN_T2	66	51	-15	0.18	0.17	-0.01	0	0	0	0	0	0	0	0
2/6/2024 12:21	45601 WOOL_T1	1	1	0	0.1	0.2	0.1	0.16	0.13	0	0	0	0	0	0
2/6/2024 12:21	67501 WEWI_T2	6	8	2	0.72	0.56	-0.16	-0.12	-0.17	0	0	0	0	0	0
2/6/2024 12:22	67502 WEWI_T2	6	8	2	0.72	0.56	-0.16	-0.12	-0.17	0	0	0	0	0	0
2/6/2024 12:22	14403 SSLA_T1	3	2	-1	0.33	0.2	-0.13	0.73	0.73	0	0	0	0	0	0
2/6/2024 12:22	54001 SDLE_T1	10	13	3	0.87	0.78	-0.09	0	0	0	0	0	0	0	0
2/6/2024 12:22	44302 BEAV_T2	88	73	-15	0.4	0.43	0.03	0.54	0.48	0	0	0	0	0	0
2/6/2024 12:23	44301 BEAV_T2	9	3	-6	0.32	0.13	-0.19	-0.71	0.01	0	0	0	0	0	0
2/6/2024 12:23	67502 WEWI_T2	6	8	2	0.72	0.56	-0.16	-0.12	-0.17	0	0	0	0	0	0
2/6/2024 12:23	24101 EHAZ_T1	33	33	0	1.31	0.63	-0.68	0	0	0	0	0	0	0	0
2/6/2024 12:23	67401 WAKE_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/6/2024 12:23	59402 RFLD_T2	0	0	0	0	0	0	-0.57	-0.6	0	0	0	0	0	0
2/6/2024 12:23	67502 WEWI_T2	6	8	2	0.72	0.56	-0.16	-0.12	-0.17	0	0	0	0	0	0
2/6/2024 12:23	44301 BEAV_T2	9	3	-6	0.32	0.13	-0.19	-0.71	0.01	0	0	0	0	0	0
2/6/2024 12:23	16301 ALPA_T1	12	6	-6	0.23	0.3	0.07	-0.34	-0.34	0	0	0	0	0	0
2/6/2024 12:24	65004 NEFF_T2	1	2	1	0.9	0.6	-0.3	0	0	0	0	0	0	0	0
2/6/2024 12:24	67503 WEWI_T2	0	86	86	0	0	0	-0.24	-0.18	0	0	0	0	0	0
2/6/2024 12:25	67503 WEWI_T2	0	86	86	0	0	0	0	0	0	0	0	0	0	0
2/6/2024 12:25	59202 THOM_T1	48	23	-25	0.36	0.33	-0.03	0	0	0	0	0	0	0	0
2/6/2024 12:25	50505 MECH_T1	0	1	1	0	0.3	0.3	0	0	0	0	0	0	0	0
2/6/2024 12:26	44301 BEAV_T2	9	3	-6	0.32	0.13	-0.19	0	0	0	0	0	0	0	0
2/6/2024 12:28	67402 WAKE_T2	0	0	0	0	0	0	0.51	0.53	0	0	0	0	0	0
2/6/2024 12:28	67502 WEWI_T2	6	8	2	0.72	0.56	-0.16	0	0	0	0	0	0	0	0
2/6/2024 12:28	24103 EHAZ_T1	4	1	-3	1.23	0	-1.23	0	0	0	0	0	0	0	0
2/6/2024 12:28	28803 LAKE_T1	2	1	-1	0.1	0.2	0.1	0	0	0	0	0	0	0	0
2/6/2024 12:28	26401 INOR_T1	14	25	11	0.22	0.24	0.02	0.28	0.51	0	0	0	0	0	0
2/6/2024 12:29	28803 LAKE_T1	2	1	-1	0.1	0.2	0.1	0	0	0	0	0	0	0	0
2/6/2024 12:29	13503 MCMI_T2	0	0	0	0	0	0	0.05	0.04	0	0	0	0	0	0
2/6/2024 12:30	26401 INOR_T1	25	9	-16	0.24	0.21	-0.03	0.28	0.51	0	0	0	0	0	0
2/6/2024 12:31	60603 NCOL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/6/2024 12:33	40601 PGR_T1	47	56	9	0.25	0.22	-0.03	0	0	0	0	0	0	0	0
2/6/2024 12:35	60301 TWVA_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/6/2024 12:37	50505 MECH_T1	1	1	0	0.1	0.3	0.2	0	0	0	0	0	0	0	0
2/6/2024 12:38	50502 MECH_T1	1	1	0	1.8	2.1	0.3	0	0	0	0	0	0	0	0
2/6/2024 12:39	23901 EFMO_T2	0	0	0	0	0	0	0.05	0	0	0	0	0	0	0
2/6/2024 12:45	53801 MBRG_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/6/2024 12:47	47401 PENS_T1	1	1	0	1.4	1.6	0.2	0.97	0.99	0	0	0	0	0	0
2/6/2024 12:48	65005 NEFF_T2	1	1	0	0.4	0.3	-0.1	0	0	0	0	0	0	0	0
2/6/2024 12:48	47403 PENS_T1	1	1	0	2.3	1.7	-0.6	0	0	0	0	0	0	0	0
2/6/2024 12:49	47402 PENS_T1	0	1	1	0	0	0	0	0	0	0	0	0	0	0
2/6/2024 12:50	47403 PENS_T1	1	1	0	2.3	1.7	-0.6	0	0	0	0	0	0	0	0
2/6/2024 12:52	29402 BELT_T1	54	56	2	0.5	0.49	-0.01	0	0	0	0	0	0	0	0
2/6/2024 12:53	54202 PENN_T2	50	43	-7	0.17	0.18	0.01	0	0	0	0	0	0	0	0
2/6/2024 12:53	54203 PENN_T1	412	393	-19	0.38	0.36	-0.02	0.07	0.02	0	0	0	0	0	0
2/6/2024 12:53	29401 BELT_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/6/2024 12:59	64204 KINZ_T1	1	1	0	1.1	1.4	0.3	0	0	0	0	0	0	0	0
2/6/2024 13:01	62605 ENGL_T1	4	2	-2	0.35	0.4	0.05	0	0	0	0	0	0	0	0
2/6/2024 13:03	64203 KINZ_T1	0	0	0	0	0	0	0.16

2/6/2024 14:03	65004 NEFF_T2	3	1	-2	0.47	0.8	0.33	0	0	0	0	0	0	0
2/6/2024 14:03	61503 EPET_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
2/6/2024 14:04	42803 SELI_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
2/6/2024 14:04	61502 EPET_T1	1	1	0	0.2	0.2	0	0	0	0	0	0	0	0
2/6/2024 14:05	47403 PENS_T1	1	1	0	2.1	1.9	-0.2	0	0	0	0	0	0	0
2/6/2024 14:05	49804 UNIV_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
2/6/2024 14:06	67504 WEWI_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
2/6/2024 14:06	44903 SCOT_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
2/6/2024 14:06	65802 RTWN_T2	2	0	-2	0.25	0	-0.25	-0.43	-0.48	0	0	0	0	0
2/6/2024 14:06	65003 NEFF_T2	8	21	13	0.51	0.26	-0.25	0	0	0	0	0	0	0
2/6/2024 14:06	67503 WEWI_T2	5	13	8	0.58	0.31	-0.27	-0.159	-0.116	0	0	0	0	0
2/6/2024 14:06	43001 ALWD_T1	7	5	-2	0.24	0.34	0.1	0	0	0	0	0	0	0
2/6/2024 14:07	67503 WEWI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
2/6/2024 14:07	67402 WAKE_T2	0	1	1	0	0.1	0.1	0.53	0.54	0	0	0	0	0
2/6/2024 14:07	67603 WARW_T1	1	0	-1	0.1	0	-0.1	0	0	0	0	0	0	0
2/6/2024 14:07	67505 WEWI_T1	3	3	0	0.4	0.3	-0.1	0	0	0	0	0	0	0
2/6/2024 14:07	54203 PENN_T2	23	18	-5	0.13	0.14	0.01	0	0	0	0	0	0	0
2/6/2024 14:08	51303 WIND_T1	0	1	1	0	0.4	0.4	0	0	0	0	0	0	0
2/6/2024 14:08	51306 WIND_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
2/6/2024 14:08	49803 UNIV_T1	1	1	0	0.4	0.3	-0.1	0	0	0	0	0	0	0
2/6/2024 14:08	67602 WARW_T2	2	2	0	0.2	0	-0.2	3	3.03	0	0	0	0	0
2/6/2024 14:08	60803 BUCK_T1	3	3	0	0.27	0.2	-0.07	0	0	0	0	0	0	0
2/6/2024 14:08	67402 WAKE_T2	0	1	1	0	0.1	0.1	0.53	0.54	0	0	0	0	0
2/6/2024 14:08	27503 WEIS_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
2/6/2024 14:08	61101 BERK_T5	5	6	1	0.52	0.5	-0.02	0	0	0	0	0	0	0
2/6/2024 14:08	51305 WIND_T1	1	1	0	0.4	0.4	0	0	0	0	0	0	0	0
2/6/2024 14:09	67503 WEWI_T2	0	0	0	0	0	-0.15	-0.25	0	0	0	0	0	0
2/6/2024 14:09	67604 WARW_T1	1	1	0	0.3	0.3	0	0	0	0	0	0	0	0
2/6/2024 14:09	42801 SELI_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
2/6/2024 14:09	61101 BERK_T5	5	6	1	0.52	0.5	-0.02	0	0	0	0	0	0	0
2/6/2024 14:09	51305 WIND_T1	1	1	0	0.4	0.4	0	0	0	0	0	0	0	0
2/6/2024 14:09	17802 GILB_T1	0	1	1	0	0.2	0.2	0.13	0.13	0	0	0	0	0
2/6/2024 14:09	60701 BREC_T1	3	2	-1	0.63	0.85	0.22	-0.89	-0.88	0	0	0	0	0
2/6/2024 14:10	61102 BERK_T5	2	2	0	0.15	0.3	0.15	0	0	0	0	0	0	0
2/6/2024 14:10	51305 WIND_T1	1	1	0	0.4	0.4	0	0	0	0	0	0	0	0
2/6/2024 14:10	17802 GILB_T1	0	1	1	0	0.2	0.2	0.13	0.13	0	0	0	0	0
2/6/2024 14:11	29402 BELT_T1	166	85	-81	0.4	0.32	-0.08	0	0	0	0	0	0	0
2/6/2024 14:11	67503 WEWI_T2	0	0	0	0	0	0	-0.15	-0.25	0	0	0	0	0
2/6/2024 14:11	51303 WIND_T1	0	1	1	0	0.4	0.4	0	0	0	0	0	0	0
2/6/2024 14:11	51305 WIND_T1	1	1	0	0.4	0.4	0	0	0	0	0	0	0	0
2/6/2024 14:11	17801 GILB_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
2/6/2024 14:11	43001 ALWD_T1	7	5	-2	0.24	0.34	0.1	0	0	0	0	0	0	0
2/6/2024 14:12	40903 JESH_T1	4	4	0	0.23	0.2	-0.03	0	0	0	0	0	0	0
2/6/2024 14:12	46802 HEPB_T1	92	3	-89	0.29	0.97	0.68	-1.22	-0.25	0	0	0	0	0
2/6/2024 14:12	51305 WIND_T1	1	1	0	0.4	0.4	0	0	0	0	0	0	0	0
2/6/2024 14:12	60901 DONG_T2	0	1	1	0	0.2	0.2	0	0	0	0	0	0	0
2/6/2024 14:13	64303 LINC_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
2/6/2024 14:13	67401 WAKE_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
2/6/2024 14:13	26402 INOR_T1	5	4	-1	0.68	0.48	-0.2	-1.02	-1.06	0	0	0	0	0
2/6/2024 14:14	64702 LITI_T2	0	0	0	0	0	0	-0.76	-0.73	0	0	0	0	0
2/6/2024 14:14	64303 LINC_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
2/6/2024 14:15	64702 LITI_T2	0	0	0	0	0	0	-0.76	-0.73	0	0	0	0	0
2/6/2024 14:16	26402 INOR_T1	2	4	2	0.7	0.48	-0.22	-1.02	-1.06	0	0	0	0	0
2/6/2024 14:16	43001 ALWD_T1	3	9	6	0.27	0.23	-0.04	0	0	0	0	0	0	0
2/6/2024 14:16	64802 MONE_T2	144	138	-6	0.31	0.29	-0.02	-0.04	0	0	0	0	0	0
2/6/2024 14:17	47403 PENS_T1	1	1	0	1.5	2.1	0.6	0	0	0	0	0	0	0
2/6/2024 14:17	26401 INOR_T1	0	0	0	0	0	0	1.69	1.76	0	0	0	0	0
2/6/2024 14:17	65002 NEFF_T2	0	1	1	0	0.2	0.2	0	0	0	0	0	0	0
2/6/2024 14:17	46802 HEPB_T1	3	1	-2	0.97	0.9	-0.07	-1.22	-0.25	0	0	0	0	0
2/6/2024 14:17	64703 LITI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
2/6/2024 14:17	60701 BREC_T1	2	2	0	0.85	0.85	0	-0.45	-0.44	0	0	0	0	0
2/6/2024 14:19	65004 NEFF_T2	1	1	0	0.8	0.8	0	0	0	0	0	0	0	0
2/6/2024 14:19	47402 PENS_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
2/6/2024 14:19	64802 MONE_T2	144	138	-6	0.31	0.29	-0.02	-0.04	0	0	0	0	0	0
2/6/2024 14:19	13302 ORVI_T2	1	2	1	1.5	0.95	-0.55	0.98	0.98	0	0	0	0	0
2/6/2024 14:20	60305 TWVA_T2	0	0	0	0	0	0	1.26	0.5	0	0	0	0	0
2/6/2024 14:20	64801 MONE_T2	99	124	25	0.37	0.32	-0.05	-0.33	-0.34	0	0	0	0	0
2/6/2024 14:20	57403 SPAN_T1	46	40	-6	0.3	0.35	0.05	0	0	0	0	0	0	0
2/6/2024 14:21	43303 WATS_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
2/6/2024 14:21	47403 PENS_T1	1	1	0	1.5	2.1	0.6	0	0	0	0	0	0	0
2/6/2024 14:21	24102 EHAZ_T1	1	3	2	0.2	0.55	0.35	0	0	0	0	0	0	0
2/6/2024 14:21	67502 WEWI_T2	13	6	-7	0.31	0.45	0.14	-0.09	-0.1	0	0	0	0	0
2/6/2024 14:21	43303 WATS_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
2/6/2024 14:21	57403 SPAN_T1	46	40	-6	0.3	0.35	0.05	0.07	0.06	0	0	0	0	0
2/6/2024 14:21	29402 BELT_T1	61	99	38	0.3	0.4	0.1	0	0	0	0	0	0	0
2/6/2024 14:21	43001 ALWD_T1	3	9	6	0.27	0.23	-0.04	0	0	0	0	0	0	0
2/6/2024 14:21	57403 SPAN_T1	46	40	-6	0.3	0.35	0.05	0.07	0.06	0	0	0	0	0
2/6/2024 14:22	46002 BERW_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
2/6/2024 14:22	67604 WARW_T1	1	1	0	0.3	0.2	-0.1	0	0	0	0	0	0	0
2/6/2024 14:22	45602 WOOL_T1	9	19	10	0.86	0.5	-0.36	0	0	0	0	0	0	0
2/6/2024 14:22	43304 WATS_T2	0	0	0	0	0	0	-0.61	-0.69	0	0	0	0	0
2/6/2024 14:22	43304 WATS_T2	0	0	0	0	0	0	-0.61	-0.69	0	0	0	0	0
2/6/2024 14:22	67504 WEWI_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
2/6/2024 14:22	67503 WEWI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
2/6/2024 14:22	44301 BEAV_T2	0	3	3	0	0.2	0.2	-0.11	-0.99	0	0	0	0	0
2/6/2024 14:22	16301 ALPA_T1	4	2	-2	0.25	0.3	0.05	-0.4	-0.4	0	0	0	0	0
2/6/2024 14:22	67401 WAKE_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
2/6/2024 14:22	57403 SPAN_T1	46	40	-6	0.3	0.35	0.05	0	0	0	0	0	0	0
2/6/2024 14:22	43001 ALWD_T1	3	9	6	0.27	0.23	-0.04	0	0	0	0	0	0	0
2/6/2024 14:23	43302 WATS_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
2/6/2024 14:23	50503 MECH_T1	3	3	0	0.17	0.2	0.03	0	0	0	0	0	0	0
2/6/2024 14:23	46004 BERW_T2	1	1	0	0.3	0.4	0.1	0	0	0	0	0	0	0
2/6/2024 14:23	44301 BEAV_T2	0	3	3	0	0.2	0.2	-0.99	0.01	0	0	0	0	0
2/6/2024 14:23	67605 WARW_T1	48	50	2	0.98	0.96	-0.02	-3.34	-3.53	0	0	0	0	0
2/6/2024 14:23	57403 SPAN_T1	46	40	-6	0.3	0.35	0.05	0.07	0.06	0	0	0	0	0
2/6/2024 14:23	67502 WEWI_T2	13	6	-7	0.31	0.45	0.14	-0.28	-0.31	0	0	0	0	0
2/6/2024 14:23	16301 ALPA_T1	4	2	-2	0.25	0.3	0.05	-0.4	-0.4	0	0	0	0	0
2/6/2024 14:23	60803 BUCK_T1	3	2	-1	0.2	0.25	0.05	-0.53	-0.49	0	0	0	0	0
2/6/2024 14:23	16302 ALPA_T2	0	0	0	0	0	0	1.49	1.41	0	0	0	0	0
2/6/2024 14:23	57401 SPAN_T1	90	116	26	0.23	0.28	0.05	-0.37	-0.43	0	0	0	0	0
2/6/2024 14:23	27502 WEIS_T2	0	0	0	0	0	0	-0.56	-0.59	0	0	0	0	0
2/6/2024 14:24	67604 WARW_T1	1	1	0	0.3	0.2	-0.1	0	0	0	0	0	0	0
2/6/2024 14:24	57401 SPAN_T1	90	116	26	0.23	0.28	0.05	-1.72	-0.52	0	0	0	0	0
2/6/2024 14:24	27503 WEIS_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
2/6/2024 14:24	51306 WIND_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
2/6/2024 14:24	46004 BERW_T2	1	1	0	0.3	0.4	0.1	-0.27	-0.24	0	0	0	0	0
2/6/2024 14:24	67503 WEWI_T2	0	0	0	0	0	0	-0.5	-0.49	0	0	0	0	0
2/6/2024 14:24	43303 WATS_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
2/6/2024 14:24	43301 WATS_T2	0	1	1	0	0.2	0.2	-2.16	-2.16	0	0	0	0	0
2/6/2024 14:24	16302 ALPA_T2	0	0	0	0	0	0	1.41	1.24	0	0	0	0	0
2/6/2024 14:24	60102 COCA_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
2/6/2024 14:24	67402 WAKE_T2	1	0	-1	0.1	0	-0.1	0.58	0.26	0	0	0	0	0
2/6/2024 14:24	57403 SPAN_T1	46	40	-6	0.3	0.35	0.05	0.06	0.1	0	0	0	0	0
2/6/2024 14:25	16301 ALPA_T1	4	2	-2	0.25	0.3	0.05	-0.4	-0.41	0	0	0	0	0
2/6/2024 14:25	50506 MECH_T1	4	6	2	0.23	0.28	0.05	-0.14	-0.14	0	0	0	0	0
2/6/2024 14:25	44301 BEAV_T2	0	3	3	0	0.2	0.2	0	0	0	0	0	0	0
2/6/2024 14:25	67503 WEWI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
2/6/2024 14:25	43302 WATS_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
2/6/2024 14:25	57403 SPAN_T1	46	40	-6	0.3	0.35	0.05	0.06	0.1	0	0	0	0	0
2/6/2024 14:26	43303 WATS_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
2/6/2024 14:26	24104 EHAZ_T1	296	260	-36	0.38	0.38	0	0	0	0	0	0	0	0
2/6/2024 14:26	53501 EVIL_T2	9	10	1	1.28	1.2	-0.08	-0.55	-0.71	0	0	0	0	0
2/6/2024 14:26	29401 BELT_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
2/6/2024 14:26	16301 ALPA_T1	4	2	-2	0.25	0.3	0.05	-0.8	-0.82	0	0	0	0	0
2/6/2024 14:27	60801 BUCK_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
2/6/2024 14:27	53501 EVIL_T2	9	10	1	1.28	1.2	-0.08	-0.55	-0.71	0	0	0	0	0
2/6/2024 14:27	57401 SPAN_T1	90	116	26	0.23	0.28	0.05	-0.43	-0.13	0	0	0	0	0
2/6/2024 14:27	26401 INOR_T1	0	0	0	0	0	0	0.88	0.79	0	0	0	0	0
2/6/2024 14:27	67502 WEWI_T2	13	6	-7	0.31	0.45	0.14	0	0	0	0	0	0	0
2/6/2024 14:27	43001 ALWD_T1	3	9	6	0.27	0.23	-0.04	0	0	0	0	0	0	0
2/6/2024 14:28	40901 JESH_T1	1	3	2	0.1	0.2	0.1	0	0	0	0	0	0	0
2/6/2024 14:28	60903 DONG_T2	0	1	1	0	0.2	0.2	0	0	0	0	0	0	0
2/6/2024 14:28	60801 BUCK_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
2/6/2024 14:29	12704 MACU_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
2/6/2024 14:29	53501 EVIL_T2	9	10	1	1.28	1.2	-0.08	-0.55	-0.71	0	0	0	0	0
2/6/2024 14:29	28801 LAKE_T1	41	30	-11	0.2	0.18	-0.02	0	0	0	0	0	0	0
2/6/2024 14:29	67401 WAKE_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
2/6/2024 14:30	13503 MCMI_T2	0	0	0	0	0	0	-0.01	-0.01	0	0	0	0	0
2/6/2024 14:30	12704 MACU_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
2/6/2024 14:30	28803 LAKE_T1	2	2	0	0.15	0.3	0.15	0	0	0	0	0	0	0
2/6/2024 14:30	64703 LITI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
2/6/2024 14:30	53502 EVIL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
2/6/2024 14:31	12704 MACU_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
2/6/2024 14:32	64801 MONE_T2	97	133	36	0.37	0.28	-0.09	0	0	0	0	0	0	0
2/6/2024 14:32	65001 NEFF_T2	1	1	0	0.3	0.4	0.1	0	0	0	0	0	0	0
2/6/2024 14:32	26401 INOR_T1	0	1	1	0	0.1	0.1	0.88	0.79	0	0	0	0	0
2/6/2024 14:32	64202 KINZ_T1	1	1	0	0.2	0.2	0	0	0	0	0	0	0	0
2/6/2024 14:32	60602 NCOL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
2/6/2024 14:32	63601 LETO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
2/6/2024 14:32	55002 NEWP_T1	9	8	-1	0.83	0.83	0	-0.21	-0.2	0	0	0	0	0
2/6/2024 14:33	43201 MVIL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
2/6/2024 14:33	64301 LINC_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
2/6/2024 14:33	12701 MACU_T1	0	0	0	0	0	0	0.06	0.04	0	0	0	0	0
2/6/2024 14:33	64703 LITI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
2/6/2024 14:33	40901 JESH_T1	3	71	68	0.17	0.23	0.06	0	0	0	0	0	0	0
2/6/2024 14:34	60603 NCOL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
2/6/2024 14:34	46301 ROHR_T1	141	249	108	0.29	0.34	0.05	0.21	0.22	0	0	0	0	0
2/6/2024 14:34	64305 LINC_T1	0	0	0	0	0	0	-0.14	-0.23	0	0	0	0	0
2/6/2024 14:34	46301 ROHR_T1	141	249	108	0.29	0.34	0.05	0.21	0.22	0	0	0	0	0
2/6/2024 14:34	16402 MOPO_T1	0	0	0	0	0	0	-0.01	-0.01	0	0	0	0	0
2/6/2024 14:34	43201 MVIL_T2	0	0	0	0	0	0	-0.38	-0.37	0	0	0	0	0
2/6/2024 14:34	55001 NEWP_T1	3	6	3	0.5	0.33	-0.17	0	0	0	0	0	0	0
2/6/2024 14:34	42002 MNVL_T2	1	1	0	8.1	7.6	-0.5	0	0	0	0	0	0	0
2/6/2024 14:34	63601 LETO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
2/6/2024 14:34	13302 ORVI_T2	1	2	1	1.7	1.15	-0.55	0.98	0.97	0	0	0	0	0
2/6/2024 14:35	65005 NEFF_T2	1	1	0	0.3	0.4	0.1	0	0	0	0	0	0	0
2/6/2024 14:35	46301 ROHR_T1	141	249	108	0.29	0.34	0.05	0.21	0.22	0	0	0	0	0
2/6/2024 14:35	60605 NCOL_T2	2	0	-2	0.2	0	-0.2	0	0	0	0	0	0	0
2/6/2024 14:35	64802 MONE_T2	129	171	42	0.29	0.27	-0.02	0	-0.02	0	0	0	0	0
2/6/2024 14:35	55001 NEWP_T1	3	6	3	0.5	0.33	-0.17	0	0	0	0	0	0	0
2/6/2024 14:35	43202 MVIL_T2	99	146	47	0.58	0.78	0.2	-0.59	-0.56	0	0	0	0	0
2/6/2024 14:36	57403 SPAN_T1	18	42	4	0.36	0.33	-0.03	0.06	0.1	0	0	0	0	0
2/6/2024 14:36	13302 ORVI_T2	1	2	1	1.7	1.15	-0.55	1.96	1.94	0	0	0	0	0
2/6/2024 14:36	64702 LITI_T2	0	0	0	0	0	0	-0.73	-0.89	0	0	0	0	0
2/6/2024 14:36	64801 MONE_T2	97	133	36	0.37	0.28	-0.09	-0.34	-0.34	0	0	0	0	0
2/6/2024 14:37	67501 WEWI_T1	0	0	0	0	0	0	-0.47	-0.5	0	0	0	0	0
2/6/2024 14:37	67503 WEWI_T2	0	0	0	0	0	0	-0.25	-0.25	0	0	0	0	0
2/6/2024 14:37	49804 UNIV_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
2/6/2024 14:37	54204 PENN_T2	0	1	1	0	0.1	0.1	0	0	0	0	0	0	0
2/6/2024 14:37	57401 SPAN_T1	116	12	-104	0.28	0.33	0.05	-0.86	-0.26	0	0	0	0	0
2/6/2024 14:37	43001 ALWD_T1	5	15	10	0.34	0.25	-0.09	0	0	0	0	0	0	0
2/6/2024 14:37	67401 WAKE_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
2/6/2024 14:37	46301 ROHR_T1	141	249	108	0.29	0.34	0.05	0	0	0	0	0	0	0
2/6/2024 14:37	67503 WEWI_T2	0	0	0	0	0	0	-0.25	-0.25	0	0	0	0	0
2/6/2024 14:37	46003 BERW_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
2/6/2024 14:37	24103 EHAZ_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
2/6/2024 14:38	45602 WOOL_T1	18	63	45	0.51	0.3	-0.21	0	0	0	0	0	0	0
2/6/2024 14:38	14401 SSLA_T1	1	1	0	0.1	0.3	0.2	0	0	0	0	0	0

2/6/2024 14:41	60101 COCA_T1	0	0	0	0	0	0	0.31	0.29	0	0	0	0	0	0
2/6/2024 14:42	24104 EHAZ_T1	243	249	6	0.37	0.37	0	0	0	0	0	0	0	0	0
2/6/2024 14:42	29402 BELT_T1	84	93	9	0.31	0.42	0.11	0	0	0	0	0	0	0	0
2/6/2024 14:42	26402 INOR_T1	3	9	6	0.5	0.33	-0.17	-1.02	-1.04	0	0	0	0	0	0
2/6/2024 14:42	43001 ALWD_T1	5	15	10	0.34	0.25	-0.09	0	0	0	0	0	0	0	0
2/6/2024 14:42	60803 BUCK_T1	2	2	0	0.2	0.25	0.05	-0.53	-0.53	0	0	0	0	0	0
2/6/2024 14:42	53501 EVIL_T2	9	10	1	1.19	1.47	0.28	-0.71	-0.61	0	0	0	0	0	0
2/6/2024 14:43	51108 CARL_T1	1	2	1	0.5	0.3	-0.2	0	0	0	0	0	0	0	0
2/6/2024 14:43	26401 INOR_T1	0	1	1	0	0.1	0.1	0.79	0.82	0	0	0	0	0	0
2/6/2024 14:43	53501 EVIL_T2	9	10	1	1.19	1.47	0.28	-0.71	-0.61	0	0	0	0	0	0
2/6/2024 14:44	63601 LETO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/6/2024 14:44	26402 INOR_T1	3	9	6	0.5	0.33	-0.17	-1.02	-1.04	0	0	0	0	0	0
2/6/2024 14:45	67401 WAKE_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/6/2024 14:45	12704 MACU_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/6/2024 14:45	64703 LITI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/6/2024 14:45	53501 EVIL_T2	10	8	-2	1.34	1.59	0.25	-0.71	-0.61	0	0	0	0	0	0
2/6/2024 14:45	62601 ENGL_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/6/2024 14:45	28801 LAKE_T1	22	83	61	0.2	0.25	0.05	0	0	0	0	0	0	0	0
2/6/2024 14:46	64802 MONE_T2	118	175	57	0.28	0.27	-0.01	-0.02	-0.01	0	0	0	0	0	0
2/6/2024 14:46	64802 MONE_T2	118	175	57	0.28	0.27	-0.01	-0.02	-0.01	0	0	0	0	0	0
2/6/2024 14:46	12701 MACU_T1	0	0	0	0	0	0	0.08	0.12	0	0	0	0	0	0
2/6/2024 14:47	13501 MCMI_T1	0	0	0	0	0	0	-0.19	-0.2	0	0	0	0	0	0
2/6/2024 14:47	64702 LITI_T2	0	0	0	0	0	0	-0.89	-0.82	0	0	0	0	0	0
2/6/2024 14:47	55001 NEWP_T1	6	1	-5	0.33	0.7	0.37	0	0	0	0	0	0	0	0
2/6/2024 14:48	65001 NEFF_T2	115	220	105	0.14	0.22	0.08	-0.64	-0.63	0	0	0	0	0	0
2/6/2024 14:48	64703 LITI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/6/2024 14:48	64204 KINZ_T1	1	1	0	0.8	0.9	0.1	0	0	0	0	0	0	0	0
2/6/2024 14:48	55002 NEWP_T1	8	8	0	0.79	0.73	-0.06	-0.2	-0.21	0	0	0	0	0	0
2/6/2024 14:48	63602 LETO_T1	19	11	-8	0.12	0.11	-0.01	-0.4	-0.49	0	0	0	0	0	0
2/6/2024 14:48	42903 MIDD_T2	2	2	0	0.95	0.25	-0.7	0	0	0	0	0	0	0	0
2/6/2024 14:48	43202 MVIL_T2	103	146	43	0.97	0.73	-0.24	-0.56	-0.6	0	0	0	0	0	0
2/6/2024 14:48	64801 MONE_T2	99	163	64	0.26	0.29	0.03	0	0	0	0	0	0	0	0
2/6/2024 14:49	43201 MVIL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/6/2024 14:49	12704 MACU_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/6/2024 14:49	16401 MOPO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/6/2024 14:49	46301 ROHR_T1	140	260	120	0.32	0.36	0.04	0	0	0	0	0	0	0	0
2/6/2024 14:49	42001 MNVL_T2	0	3	3	0	0.1	0.1	-0.02	-0.02	0	0	0	0	0	0
2/6/2024 14:49	55001 NEWP_T1	6	1	-5	0.33	0.7	0.37	0	0	0	0	0	0	0	0
2/6/2024 14:50	55002 NEWP_T1	8	8	0	0.79	0.73	-0.06	-0.2	-0.21	0	0	0	0	0	0
2/6/2024 14:50	67401 WAKE_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/6/2024 14:50	43201 MVIL_T2	0	0	0	0	0	0	-0.37	-0.35	0	0	0	0	0	0
2/6/2024 14:51	67001 STHI_T2	427	471	44	0.21	0.23	0.02	0.08	0.1	0	0	0	0	0	0
2/6/2024 14:51	55002 NEWP_T1	8	8	0	0.79	0.73	-0.06	-0.2	-0.21	0	0	0	0	0	0
2/6/2024 14:51	43202 MVIL_T2	103	146	43	0.97	0.73	-0.24	-0.56	-0.6	0	0	0	0	0	0
2/6/2024 14:51	52502 PROG_T2	0	0	0	0	0	0	0.29	0.28	0	0	0	0	0	0
2/6/2024 14:51	13302 ORVI_T2	2	2	0	0.9	1.1	0.2	0.97	0.97	0	0	0	0	0	0
2/6/2024 14:52	65001 NEFF_T2	115	220	105	0.14	0.22	0.08	-0.64	-0.63	0	0	0	0	0	0
2/6/2024 14:52	54204 PENN_T2	1	1	0	0.1	0.1	0	0	0	0	0	0	0	0	0
2/6/2024 14:52	16301 ALPA_T1	1	3	2	0.4	0.27	-0.13	-0.41	-0.41	0	0	0	0	0	0
2/6/2024 14:52	43302 WATS_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/6/2024 14:53	43302 WATS_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/6/2024 14:53	64305 LINC_T1	0	0	0	0	0	0	-0.23	-0.19	0	0	0	0	0	0
2/6/2024 14:53	43001 ALWD_T1	8	16	8	0.15	0.29	0.14	0	0	0	0	0	0	0	0
2/6/2024 14:53	16301 ALPA_T1	1	3	2	0.4	0.27	-0.13	-0.41	-0.41	0	0	0	0	0	0
2/6/2024 14:54	43302 WATS_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/6/2024 14:54	67002 STHI_T2	198	213	15	0.18	0.18	0	0	0	0	0	0	0	0	0
2/6/2024 14:54	17803 GILB_T2	1	0	-1	0.1	0	-0.1	0	0	0	0	0	0	0	0
2/6/2024 14:54	16302 ALPA_T2	0	0	0	0	0	0	0.64	0.78	0	0	0	0	0	0
2/6/2024 14:54	57403 SPAN_T1	26	41	15	0.27	0.32	0.05	0.06	0.06	0	0	0	0	0	0
2/6/2024 14:54	64303 LINC_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/6/2024 14:54	16301 ALPA_T1	1	3	2	0.4	0.27	-0.13	-0.82	-0.87	0	0	0	0	0	0
2/6/2024 14:55	51603 DUKE_T1	2	2	0	0.75	0.7	-0.05	-0.79	-0.92	0	0	0	0	0	0
2/6/2024 14:55	57403 SPAN_T1	26	41	15	0.27	0.32	0.05	0	0	0	0	0	0	0	0
2/6/2024 14:55	67402 WAKE_T2	0	0	0	0	0	0	0.29	0.22	0	0	0	0	0	0
2/6/2024 14:55	43303 WATS_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/6/2024 14:55	16302 ALPA_T2	0	0	0	0	0	0	1.28	1.56	0	0	0	0	0	0
2/6/2024 14:55	67001 STHI_T2	427	471	44	0.21	0.23	0.02	0.1	0.09	0	0	0	0	0	0
2/6/2024 14:56	54501 ENOL_T2	0	1	1	0	0.1	0.1	0.08	0.08	0	0	0	0	0	0
2/6/2024 14:56	65004 NEFF_T2	1	2	1	0.8	0.35	-0.45	0	0	0	0	0	0	0	0
2/6/2024 14:56	51603 DUKE_T1	2	2	0	0.75	0.7	-0.05	-0.4	-0.46	0	0	0	0	0	0
2/6/2024 14:56	16302 ALPA_T2	0	0	0	0	0	0	0.64	0.78	0	0	0	0	0	0
2/6/2024 14:57	17801 GILB_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/6/2024 14:57	16301 ALPA_T1	1	3	2	0.4	0.27	-0.13	-0.41	-0.44	0	0	0	0	0	0
2/6/2024 14:58	54503 ENOL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/6/2024 14:58	54502 ENOL_T2	1	2	1	0.3	0.4	0.1	0	0	0	0	0	0	0	0
2/6/2024 14:58	43001 ALWD_T1	8	16	8	0.15	0.29	0.14	0	0	0	0	0	0	0	0
2/6/2024 14:59	26401 INOR_T1	0	2	2	0	0.15	0.15	0.82	0.65	0	0	0	0	0	0
2/6/2024 14:59	51601 DUKE_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/6/2024 14:59	17801 GILB_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/6/2024 15:01	47401 PENS_T1	1	1	0	0.8	0.7	-0.1	0.83	0.82	0	0	0	0	0	0
2/6/2024 15:02	60605 NCOL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/6/2024 15:02	52006 LING_T2	3	3	0	0.53	0.6	0.07	0	0	0	0	0	0	0	0
2/6/2024 15:02	47402 PENS_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/6/2024 15:03	47401 PENS_T1	1	1	0	0.8	0.7	-0.1	0.83	0.82	0	0	0	0	0	0
2/6/2024 15:03	61502 EPET_T1	1	0	-1	0.1	0	-0.1	0	0	0	0	0	0	0	0
2/6/2024 15:04	47401 PENS_T1	1	1	0	0.8	0.7	-0.1	1.66	1.65	0	0	0	0	0	0
2/6/2024 15:04	43105 SMIL_T2	16	14	-2	0.3	0.32	0.02	0	0	0	0	0	0	0	0
2/6/2024 15:05	47402 PENS_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/6/2024 15:06	65002 NEFF_T2	1	1	0	0.1	0.1	0	0	0	0	0	0	0	0	0
2/6/2024 15:06	60603 NCOL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/6/2024 15:06	67401 WAKE_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/6/2024 15:06	47402 PENS_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/6/2024 15:07	60602 NCOL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/6/2024 15:09	67401 WAKE_T2	0	0	0	0	0	0	-1.16	-1.14	0	0	0	0	0	0
2/6/2024 15:09	24102 EHAZ_T1	3	4	1	0.47	0.2	-0.27	0	0	0	0	0	0	0	0
2/6/2024 15:09	43001 ALWD_T1	15	16	1	0.25	0.26	0.01	0	0	0	0	0	0	0	0
2/6/2024 15:09	56803 BENV_T1	3	3	0	0.87	0.8	-0.07	0	0	0	0	0	0	0	0
2/6/2024 15:09	10805 CHHI_T2	7	6	-1	1.97	1.58	-0.39	-0.29	-0.25	0	0	0	0	0	0
2/6/2024 15:09	59101 WALK_T2	0	0	0	0	0	0	1.56	1.3	0	0	0	0	0	0
2/6/2024 15:11	47402 PENS_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/6/2024 15:11	54505 ENOL_T2	2	2	0	0.85	0.7	-0.15	-2.64	-2.66	0	0	0	0	0	0
2/6/2024 15:11	56802 BENV_T2	6	5	-1	0.58	0.56	-0.02	-0.62	-0.6	0	0	0	0	0	0
2/6/2024 15:11	67401 WAKE_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/6/2024 15:12	56803 BENV_T1	3	3	0	0.87	0.8	-0.07	0	0	0	0	0	0	0	0
2/6/2024 15:13	64303 LINC_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/6/2024 15:13	24102 EHAZ_T1	3	4	1	0.47	0.2	-0.27	0	0	0	0	0	0	0	0
2/6/2024 15:13	56802 BENV_T2	6	5	-1	0.58	0.56	-0.02	-0.62	-0.6	0	0	0	0	0	0
2/6/2024 15:14	26401 INOR_T1	1	16	15	0.1	0.13	0.03	0.65	0.52	0	0	0	0	0	0
2/6/2024 15:14	64303 LINC_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/6/2024 15:14	54505 ENOL_T2	2	2	0	0.85	0.7	-0.15	-1.32	-1.33	0	0	0	0	0	0
2/6/2024 15:14	46101 MACI_T2	0	0	0	0	0	0	-0.12	-0.12	0	0	0	0	0	0
2/6/2024 15:14	43001 ALWD_T1	15	16	1	0.25	0.26	0.01	0	0	0	0	0	0	0	0
2/6/2024 15:15	46501 LOHA_T1	12	11	-1	0.13	0.11	-0.02	0	0	0	0	0	0	0	0
2/6/2024 15:16	46504 LOHA_T1	135	103	-32	0.23	0.19	-0.04	0	0	0	0	0	0	0	0
2/6/2024 15:17	61502 EPET_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/6/2024 15:17	50503 MECH_T1	2	2	0	0.15	0.15	0	0	0	0	0	0	0	0	0
2/6/2024 15:18	13302 ORVI_T2	2	12	10	0.6	0.23	-0.37	0.99	1.06	0	0	0	0	0	0
2/6/2024 15:19	61502 EPET_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/6/2024 15:20	50506 MECH_T1	3	5	2	0.23	0.28	0.05	-0.14	-0.17	0	0	0	0	0	0
2/6/2024 15:20	42001 MNVL_T2	2	5	3	0.1	0.12	0.02	-0.02	-0.02	0	0	0	0	0	0
2/6/2024 15:21	50505 MECH_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/6/2024 15:21	67401 WAKE_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/6/2024 15:21	61502 EPET_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/6/2024 15:21	13302 ORVI_T2	2	12	10	0.6	0.23	-0.37	0.99	1.06	0	0	0	0	0	0
2/6/2024 15:22	61505 EPET_T1	0	0	0	0	0	0	0.17	0.23	0	0	0	0	0	0
2/6/2024 15:22	67604 WARW_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/6/2024 15:22	67201 TEHI_T1	1	2	1	0.1	0.45	0.35	0.23	0.36	0	0	0	0	0	0
2/6/2024 15:23	50505 MECH_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/6/2024 15:24	61102 BERK_T5	1	1	0	0.2	0.1	-0.1	0	0	0	0	0	0	0	0
2/6/2024 15:24	43001 ALWD_T1	16	15	-1	0.26	0.26	0	0	0	0	0	0	0	0	0
2/6/2024 15:24	24105 EHAZ_T1	4	4	0	5.3	5.3	0	-1.99	-1.94	0	0	0	0	0	0
2/6/2024 15:25	67603 WARW_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/6/2024 15:25	10805 CHHI_T2	6	6	0	1.72	7.6	5.88	-0.25	-0.2	0	0	0	0	0	0
2/6/2024 15:27	61101 BERK_T5	3	2	-1	0.23	0.1	-0.13	0	0	0	0	0	0	0	0
2/6/2024 15:27	56503 ROCK_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/6/2024 15:27	67402 WAKE_T2	0	0	0	0	0	0	0.2	0.2	0	0	0	0	0	0
2/6/2024 15:28	54506 ENOL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/6/2024 15:28	65001 NEFF_T2	217	206	-11	0.22	0.19	-0.03	-0.55	-0.72	0	0	0	0	0	0
2/6/2024 15:28	17801 GILB_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/6/2024 15:28	61103 BERK_T5	7	6	-1	0.3	0.2	-0.1	0.08	0.04	0	0	0	0	0	0
2/6/2024 15:28	10805 CHHI_T2	6	6	0	1.72	7.6	5.88	-0.25	-0.2	0	0	0	0	0	0
2/6/2024 15:29	46506 LOHA_T1	202	186	-16	0.31	0.26	-0.05	0	0	0	0	0	0	0	0
2/6/2024 15:29	54506 ENOL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/6/2024 15:29	24103 EHAZ_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/6/2024 15:30	43001 ALWD_T1	15	13	-2	0.19	0.28	0.09	0	0	0	0	0	0	0	0
2/6/2024 15:33	13503 MCMI_T2	0	0	0	0	0	0	0	-0.01	0	0	0	0	0	0
2/6/2024 15:33	64303 LINC_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/6/2024 15:34	64305 LINC_T1	0	2	2	0	0.1	0.1	-0.33	-0.36	0	0	0	0	0	0
2/6/2024 15:35	24105 EHAZ_T1	4	4	0	5.3	5.38	0.08	-1.99	-1.94	0	0	0	0	0	0
2/6/2024 15:37	57401 SPAN_T1	8	22	14	0.23	0.23	0	-0.2	-0.22	0	0	0	0	0	0
2/6/2024 15:37	67402 WAKE_T2	0	0	0	0	0	0	0.2	0.2	0	0	0	0	0	0
2/6/2024 15:38	60701 BREC_T1	0	163	163	0	0.16	0.16	-0.07	-0.46	0	0	0	0	0	0
2/6/2024 15:40	24101 EHAZ_T1	20	20	0	0.86	0.47	-0.39	0	0	0	0	0	0	0	0
2/6/2024 15:40	43001 ALWD_T1	15	13	-2	0.19	0.28	0.09	0	0	0	0	0	0	0	0
2/6/2024 15:40	57401 SPAN_T1	8	22	14	0.23	0.23	0	-0.22	-0.25	0	0	0	0	0	0
2/6/2024 15:41	60701 BREC_T1	0	163	163	0	0.16	0.16	-0.92	-0.97	0	0	0	0	0	0
2/6/2024 15:42	60701 BREC_T1	0	163	163	0	0.16	0.16	-0.46	-0.49	0	0	0	0	0	0
2/6/2024 15:43	60701 BREC_T1	0	163	163	0	0.16	0.16	-0.92	-0.97	0	0	0	0	0	0
2/6/2024 15:43	67402 WAKE_T2	0	0	0	0	0	0	0.2	0.27	0	0	0	0	0	0
2/6/2024 15:43	40101 HUNT_T2	0	5	5	0	0	0	-0.35	-0.38	0	0	0	0	0	0
2/6/2024 15:44	65003 NEFF_T2	78	67	-11	0.18	0.18	0	0	0	0	0	0	0	0	0
2/6/2024 15:45	40101 HUNT_T2	3	24	21	0.3	0.1	-0.2	-0.35	-0.38	0	0	0	0	0	0
2/6/2024 15:45	43001 ALWD_T1	12	11	-1	0.28	0.14	-0.14	0	0	0	0	0	0	0	0
2/6/2024 15:46	44703 MUNC_T2	4	4	0	0.43	0.63	0.2	0	0	0	0	0	0	0	0
2/6/2024 15:46	26401 INOR_T1	35	19	-16	0.16	0.21	0.05	0.59	0.42	0	0	0	0	0	0
2/6/2024 15:48	60701 BREC_T1	40	163	123	0.13	0.16	0.03	-0.46	-0.49	0	0	0	0	0	0
2/6/2024 15:50	24103 EHAZ_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/6/2024 15:51	14403 SSLA_T1	0	0	0	0	0	0	0.82	0.87	0	0	0	0	0	0
2/6/2024 15:53	64301 LINC_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/6/2024 15:53	60701 BREC_T1	40	163	123	0.13	0.16	0.03	-0.92	-0.97	0	0	0	0	0	0
2/6/2024 15:54	64305 LINC_T1	0	2	2	0	0.1	0.1	-0.39	-0.46	0	0	0	0	0	0
2/6/2024 15:54	60701 BREC_T1	40	163	123	0.13	0.16	0.03	-1.46	-1.56	0	0	0	0	0	0
2/6/2024 15:56	24105 EHAZ_T1	4	7	3	5.4	5.38	-0.02	-1.95	-1.98	0	0	0	0	0	0
2/6/2024 15:56	43001 ALWD_T1	12	11	-1	0.28	0.14	-0.14	0	0	0	0	0	0	0	0
2/6/2024 15:58	47901 HRDG_T1	0	0	0	0	0	0	1.21	1.45	0	0	0	0	0	0
2/6/2024 15:58	56802 BENV_T2	2	6	4	0.6	0.35	-0.25	-0.6	-0.63	0	0	0	0	0	0
2/6/2024 15:58	60701 BREC_T1	40	163	123	0.13	0.16	0.03	-0.49	-0.52	0	0	0	0	0	0
2/6/2024 15:59	65003 NEFF_T2	33	67	34	0.15	0.18	0.03	0	0	0	0	0	0	0	0
2/6/2024 15:59	47901 HRDG_T1	0	0

2/6/2024 17:18	65003 NEFF_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
2/6/2024 18:07	24901 WHHA_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
2/6/2024 18:10	65002 NEFF_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
2/6/2024 18:42	65001 NEFF_T2	0	0	0	0	0	-0.71	-0.81	0	0	0	0	0	0
2/6/2024 18:46	59402 RFLD_T2	0	0	0	0	0	-0.79	-0.79	0	0	0	0	0	0
2/6/2024 19:06	59201 THOM_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
2/6/2024 19:13	28703 HAML_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
2/6/2024 19:20	26401 INOR_T1	0	0	0	0	0	0.35	0.35	0	0	0	0	0	0
2/6/2024 19:24	62601 ENGL_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
2/6/2024 19:26	29401 BELT_T1	68	94	26	0.38	0.37	-0.01	0	0	0	0	0	0	0
2/6/2024 19:26	16301 ALPA_T1	0	0	0	0	0	-0.34	-0.34	0	0	0	0	0	0
2/6/2024 19:27	16406 MOPO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
2/6/2024 19:27	12701 MACU_T1	4	4	0	0.63	0	-0.63	0.16	0	0	0	0	0	0
2/6/2024 19:28	46302 ROHR_T1	4	4	0	1.38	1.28	-0.1	0.23	0.23	0	0	0	0	0
2/6/2024 19:28	17805 GILB_T2	0	0	0	0	0	0	0.08	0.06	0	0	0	0	0
2/6/2024 19:28	27503 WEIS_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
2/6/2024 19:28	60701 BREC_T1	0	0	0	0	0	-0.43	-0.44	0	0	0	0	0	0
2/6/2024 19:29	13302 ORVI_T2	0	11	11	0	0.2	1.1	1.12	0	0	0	0	0	0
2/6/2024 19:29	25404 LAHA_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
2/6/2024 19:29	28803 LAKE_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
2/6/2024 19:29	26401 INOR_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
2/6/2024 19:29	27503 WEIS_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
2/6/2024 19:29	13503 MCMI_T2	24	6	-18	0.45	0.5	0.05	0.26	0.21	0	0	0	0	0
2/6/2024 19:29	17805 GILB_T2	0	0	0	0	0	0	0.08	0.06	0	0	0	0	0
2/6/2024 19:30	16102 BING_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
2/6/2024 19:30	14404 SSLA_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
2/6/2024 19:30	26402 INOR_T1	0	1	1	0	0.1	0.1	0	0	0	0	0	0	0
2/6/2024 19:30	60305 TWVA_T2	0	0	0	0	0	0	0.5	0.43	0	0	0	0	0
2/6/2024 19:30	52002 LING_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
2/6/2024 19:30	13502 MCMI_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
2/6/2024 19:30	17802 GILB_T1	0	0	0	0	0	0	0.19	0.16	0	0	0	0	0
2/6/2024 19:31	62607 ENGL_T1	1	1	0	0.9	0.8	-0.1	0	0	0	0	0	0	0
2/6/2024 19:31	43302 WATS_T2	4	1	-3	0.33	0.1	-0.23	0	0	0	0	0	0	0
2/6/2024 19:31	42203 SHEN_T2	0	1	1	0	0	0	0	0	0	0	0	0	0
2/6/2024 19:31	63601 LETO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
2/6/2024 19:31	64204 KINZ_T1	1	1	0	0.6	0.9	0.3	0	0	0	0	0	0	0
2/6/2024 19:31	46202 DANV_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
2/6/2024 19:31	60803 BUCK_T1	0	0	0	0	0	0	-0.45	-0.49	0	0	0	0	0
2/6/2024 19:31	10805 CHHI_T2	1	6	5	7.2	1.3	-5.9	-0.65	-0.81	0	0	0	0	0
2/6/2024 19:31	24902 WHHA_T1	1	3	2	0.8	0	-0.8	0.47	0.46	0	0	0	0	0
2/6/2024 19:31	46802 HEPB_T1	0	0	0	0	0	0	-0.33	-0.33	0	0	0	0	0
2/6/2024 19:31	40101 HUNT_T2	246	269	23	0.79	0.77	-0.02	-0.54	-0.54	0	0	0	0	0
2/6/2024 19:31	16301 ALPA_T1	0	0	0	0	0	0	-0.34	-0.34	0	0	0	0	0
2/6/2024 19:32	10704 CATA_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
2/6/2024 19:32	65001 NEFF_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
2/6/2024 19:32	29401 BELT_T1	60	100	40	0.33	0.38	0.05	0	0	0	0	0	0	0
2/6/2024 19:32	47402 PENS_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
2/6/2024 19:32	67002 STHI_T2	5	12	7	0.1	0.15	0.05	0.63	0.63	0	0	0	0	0
2/6/2024 19:32	48902 FOSP_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
2/6/2024 19:32	64703 LITI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
2/6/2024 19:32	15001 BLMO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
2/6/2024 19:32	45502 DERR_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
2/6/2024 19:33	48901 FOSP_T2	0	0	0	0	0	0	-0.37	-0.36	0	0	0	0	0
2/6/2024 19:33	16301 ALPA_T1	0	0	0	0	0	0	-0.34	-0.34	0	0	0	0	0
2/6/2024 19:33	67502 WEWI_T2	0	0	0	0	0	0	-1.32	-1.37	0	0	0	0	0
2/6/2024 19:33	24901 WHHA_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
2/6/2024 19:33	10707 CATA_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
2/6/2024 19:33	67001 STHI_T2	5	76	71	0.24	0.12	-0.12	0	0	0	0	0	0	0
2/6/2024 19:33	46002 BERW_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
2/6/2024 19:33	56802 BENV_T2	0	2	2	0	0.3	0.3	-1.27	-1.26	0	0	0	0	0
2/6/2024 19:33	59101 WALK_T2	0	0	0	0	0	0	0.33	0.32	0	0	0	0	0
2/6/2024 19:33	40602 PIGR_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
2/6/2024 19:34	16302 ALPA_T2	1	1	0	1.5	0	-1.5	1.38	1.4	0	0	0	0	0
2/6/2024 19:34	16302 ALPA_T2	1	1	0	1.5	0	-1.5	0.69	0.7	0	0	0	0	0
2/6/2024 19:34	47401 PENS_T1	0	0	0	0	0	0	-0.78	1.73	0	0	0	0	0
2/6/2024 19:34	62604 ENGL_T1	0	0	0	0	0	0	-0.46	-0.46	0	0	0	0	0
2/6/2024 19:34	28601 BLYT_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
2/6/2024 19:34	64703 LITI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
2/6/2024 19:34	67002 STHI_T2	5	12	7	0.1	0.15	0.05	0	0	0	0	0	0	0
2/6/2024 19:34	55002 NEWP_T1	3	3	0	0.3	0.27	-0.03	-0.19	-0.22	0	0	0	0	0
2/6/2024 19:34	20401 ASHF_T2	2	2	0	0.25	0.35	0.1	0	0	0	0	0	0	0
2/6/2024 19:34	66502 SMAN_T2	0	2	2	0	0.1	0.1	0	0	0	0	0	0	0
2/6/2024 19:34	40502 CRES_T2	17	10	-7	0.17	0.47	0.3	-0.67	-0.68	0	0	0	0	0
2/6/2024 19:34	61505 EPET_T1	0	0	0	0	0	0	0.45	0.47	0	0	0	0	0
2/6/2024 19:34	61101 BERK_T5	0	0	0	0	0	0	0	0	0	0	0	0	0
2/6/2024 19:34	60102 COCA_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
2/6/2024 19:34	53903 HALI_T2	2	2	0	1.2	1.4	0.2	0	0	0	0	0	0	0
2/6/2024 19:34	46101 MACI_T2	0	0	0	0	0	0	-0.59	-0.59	0	0	0	0	0
2/6/2024 19:34	17802 GILB_T1	0	0	0	0	0	0	0.19	0.16	0	0	0	0	0
2/6/2024 19:34	67605 WARW_T1	0	0	0	0	0	0	-1.07	-1.15	0	0	0	0	0
2/6/2024 19:34	64101 REFR_T1	0	0	0	0	0	0	-0.03	-0.03	0	0	0	0	0
2/6/2024 19:34	60701 BREC_T1	0	0	0	0	0	0	-0.43	-0.44	0	0	0	0	0
2/6/2024 19:34	56802 BENV_T2	0	2	2	0	0.3	0.3	-1.27	-1.26	0	0	0	0	0
2/6/2024 19:35	46301 ROHR_T1	0	0	0	0	0	0	0.24	0.22	0	0	0	0	0
2/6/2024 19:35	12701 MACU_T1	4	0	-4	0.48	0	-0.48	0.16	0.18	0	0	0	0	0
2/6/2024 19:35	47403 PENS_T1	0	1	1	0	2.5	2.5	0	0	0	0	0	0	0
2/6/2024 19:35	54503 ENOL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
2/6/2024 19:35	61101 BERK_T5	0	0	0	0	0	0	0	0	0	0	0	0	0
2/6/2024 19:35	54503 ENOL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
2/6/2024 19:35	61502 EPET_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
2/6/2024 19:35	57306 MOAL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
2/6/2024 19:35	60102 COCA_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
2/6/2024 19:35	45501 DERR_T2	2	-1	-1	0.4	0	-0.4	1.79	1.97	0	0	0	0	0
2/6/2024 19:35	67002 STHI_T2	5	12	7	0.1	0.15	0.05	0.63	0.63	0	0	0	0	0
2/6/2024 19:35	59202 THOM_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
2/6/2024 19:35	42701 AUGU_T1	1	3	2	0.1	0.13	0.03	0	0	0	0	0	0	0
2/6/2024 19:35	48901 FOSP_T2	0	0	0	0	0	0	-0.37	-0.36	0	0	0	0	0
2/6/2024 19:35	26401 INOR_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
2/6/2024 19:35	60201 ATGL_T2	0	0	0	0	0	0	0.26	0.4	0	0	0	0	0
2/6/2024 19:35	56802 BENV_T2	0	2	2	0	0.3	0.3	-1.27	-1.26	0	0	0	0	0
2/6/2024 19:36	40601 PIGR_T1	10	66	56	0.12	0.19	0.07	0	0	0	0	0	0	0
2/6/2024 19:36	43402 BENT_T1	0	0	0	0	0	0	-1.54	-1.55	0	0	0	0	0
2/6/2024 19:36	54504 ENOL_T2	0	0	0	0	0	0	-0.92	-0.9	0	0	0	0	0
2/6/2024 19:36	43101 SMIL_T2	1	0	-1	0.5	0	-0.5	0	0	0	0	0	0	0
2/6/2024 19:36	57401 SPAN_T1	0	0	0	0	0	0	-0.67	-0.7	0	0	0	0	0
2/6/2024 19:36	56501 ROCK_T2	1	4	3	0.7	0.18	-0.52	-1.3	-1.33	0	0	0	0	0
2/6/2024 19:36	52006 LING_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
2/6/2024 19:36	41802 GOCI_T2	3	7	4	0.1	0.16	0.06	0	0	0	0	0	0	0
2/6/2024 19:36	61502 EPET_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
2/6/2024 19:36	64303 LINC_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
2/6/2024 19:36	59101 WALK_T2	0	0	0	0	0	0	0.33	0.32	0	0	0	0	0
2/6/2024 19:36	49803 UNIV_T1	0	0	0	0	0	0	-1.05	-1.08	0	0	0	0	0
2/6/2024 19:36	61102 BERK_T5	0	0	0	0	0	0	0	0	0	0	0	0	0
2/6/2024 19:36	55002 NEWP_T1	3	3	0	0.3	0.27	-0.03	-0.38	-0.44	0	0	0	0	0
2/6/2024 19:36	67202 TEHI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
2/6/2024 19:36	53501 EVIL_T2	8	1	-7	0.31	0.1	-0.21	-0.59	-0.59	0	0	0	0	0
2/6/2024 19:37	67001 STHI_T2	5	76	71	0.24	0.12	-0.12	0.12	0.11	0	0	0	0	0
2/6/2024 19:37	56803 BENV_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
2/6/2024 19:37	44904 SCOT_T1	0	0	0	0	0	0	0.77	0.78	0	0	0	0	0
2/6/2024 19:37	52501 PROG_T1	0	0	0	0	0	0	0.38	0.34	0	0	0	0	0
2/6/2024 19:37	54506 ENOL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
2/6/2024 19:37	50506 MECH_T1	0	0	0	0	0	0	-0.01	-0.1	0	0	0	0	0
2/6/2024 19:37	67605 WARW_T1	0	0	0	0	0	0	-1.07	-1.15	0	0	0	0	0
2/6/2024 19:37	47402 PENS_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
2/6/2024 19:37	61103 BERK_T5	0	0	0	0	0	0	0.05	0.06	0	0	0	0	0
2/6/2024 19:37	57403 SPAN_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
2/6/2024 19:37	67603 WARW_T1	0	0	0	0	0	0	0.05	0.01	0	0	0	0	0
2/6/2024 19:37	65004 NEFF_T2	0	1	0	0	0	0	0	0	0	0	0	0	0
2/6/2024 19:37	67504 WEWI_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
2/6/2024 19:37	67002 STHI_T2	5	12	7	0.1	0.15	0.05	0.63	0.63	0	0	0	0	0
2/6/2024 19:37	60801 BUCK_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
2/6/2024 19:37	58401 MORO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
2/6/2024 19:37	17803 GILB_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
2/6/2024 19:37	65802 RTWN_T2	0	0	0	0	0	0	-0.47	-0.49	0	0	0	0	0
2/6/2024 19:37	42001 MNVL_T2	0	0	0	0	0	0	0.09	0.13	0	0	0	0	0
2/6/2024 19:37	17801 GILB_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
2/6/2024 19:37	20401 ASHF_T2	2	2	0	0.25	0.35	0.1	0	0	0	0	0	0	0
2/6/2024 19:37	67503 WEWI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
2/6/2024 19:37	16301 ALPA_T1	0	0	0	0	0	0	-0.34	-0.34	0	0	0	0	0
2/6/2024 19:37	46003 BERW_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
2/6/2024 19:37	56802 BENV_T2	0	2	2	0	0.3	0.3	-2.54	-2.52	0	0	0	0	0
2/6/2024 19:37	10801 CHHI_T1	0	0	0	0	0	0	-0.83	-0.79	0	0	0	0	0
2/6/2024 19:37	64101 REFR_T1	0	0	0	0	0	0	-0.05	-0.05	0	0	0	0	0
2/6/2024 19:37	15001 BLMO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
2/6/2024 19:37	10805 CHHI_T2	1	6	5	7.2	1.3	-5.9	-0.65	-0.81	0	0	0	0	0
2/6/2024 19:37	60701 BREC_T1	0	0	0	0	0	0	-0.43	-0.44	0	0	0	0	0
2/6/2024 19:38	62606 ENGL_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
2/6/2024 19:38	46002 BERW_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
2/6/2024 19:38	47403 PENS_T1	0	1	1	0	2.5	2.5	0	0	0	0	0	0	0
2/6/2024 19:38	42701 AUGU_T1	1	3	2	0.1	0.13	0.03	0	0	0	0	0	0	0
2/6/2024 19:38	54506 ENOL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
2/6/2024 19:38	57401 SPAN_T1	0	0	0	0	0	0	-2.01	-2.1	0	0	0	0	0
2/6/2024 19:38	63601 LETO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
2/6/2024 19:38	43301 WATS_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
2/6/2024 19:38	55002 NEWP_T1	3	3	0	0.3	0.27	-0.03	-0.19	-0.22	0	0	0	0	0
2/6/2024 19:38	56504 ROCK_T2	3	0	-3	4.27	0	-4.27	0	0	0	0	0	0	0
2/6/2024 19:38	42202 SHEN_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
2/6/2024 19:38	67001 STHI_T2	5	76	71	0.24	0.12	-0.12	0.12	0.11	0	0	0	0	0
2/6/2024 19:38	44302 BEAV_T2	0	0	0	0	0	0	0.2	0.22	0	0	0	0	0
2/6/2024 19:38	43202 MVIL_T2	4	7	3	0.15	0.17	0.02	0	0	0	0	0	0	0
2/6/2024 19:38	42002 MNVL_T2	1	1	0	6.3	6.1	-0.2	0	0	0	0	0	0	0
2/6/2024 19:38	40901 JESH_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
2/6/2024 19:38	51304 WIND_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
2/6/2024 19:38	64101 REFR_T1	0	0	0	0	0	0	-0.03	-0.03	0	0	0	0	0
2/6/2024 19:38	40201 BEGA_T2	1	1	0	0.6	0.5	-0.1	0	0	0	0	0	0	0
2/6/2024 19:38	61503 EPET_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
2/6/2024 19:38	56802 BENV_T2	0	2	2	0	0.3	0.3	-1.27	-1.26	0	0	0	0	0
2/6/2024 19:38	67601 WARW_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
2/6/2024 19:38	67002 STHI_T2	5	12	7	0.1	0.15	0.05	0.63	0.63	0	0	0	0	0
2/6/2024 19:38	46802 HEPB_T1	0	0	0	0	0	0	-0.33	-0.3	0	0	0	0	0
2/6/2024 19:38	44302 BEAV_T2	0	0	0	0	0	0	0.2	0.22	0	0	0	0	0
2/6/2024 19:38	57401 SPAN_T1	0	0	0	0	0	0	-2.01	-2.1	0	0	0	0	0
2/6/2024 19:38	60801 BUCK_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
2/6/2024 19:38	16302 ALPA_T2	1	1	0	1.5	0	-1.5	0.69	0.7	0	0	0	0	0
2/6/2024 19:39	54206 PENN_T2	0	1	1	0	0.1	0.1	0	-0.03	0	0	0	0	0
2/6/2024 19:39	47403 PENS_T1	0	1	1	0	2.5	2.5	0	0	0	0	0	0	0
2/6/2024 19:39	50503 MECH_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
2/6/2024 19:39	28803 LAKE_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
2/6/2024 19:39	43303 WATS_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
2/6/2024 19:39	62606 ENGL_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
2/6/2024 19:39	54206 PENN_T2	0	1	1	0	0.1	0.1	0	-0.03	0	0	0	0	0
2/6/2024 19:39	43303 WATS_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
2/6/2024 19:39	60102 COCA_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
2/6/2024 19:39	61502 EPET_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
2/6/2024 19:39	56504 ROCK_T2	3	0	-3	4.27	0	-4.27	0.01	-0.01	0	0	0	0	0
2/6/2024 19:39	10706 CATA_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
2/6/2024 19:39	51601 DUKE_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
2/6/2024 19:39	56802 BENV_T2	0	2	2	0	0.3	0.3	-3.78	-3.81	0	0	0	0	0
2/6/2024 19:39	46301 ROHR_T1	0	0	0	0	0	0	0.22	0.24	0	0	0	0	0
2/6/2024 19:39	67002 STHI_T2	5	12	7	0.1	0.15	0.05	0.63	0.63	0	0	0	0	0
2/6/2024 19:39	66505 SMAN_T2	3	3	0	1.17	0.3	-0.87	0	0	0	0	0	0	0
2/6/2024 19:39	12704 MACU_T1	0	0	0	0	0	0	0	0

2/6/2024 19:40	57401 SPAN_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/6/2024 19:41	53902 HAU_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/6/2024 19:41	43303 WATS_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/6/2024 19:41	57401 SPAN_T1	0	0	0	0	0	0	-0.7	-0.71	0	0	0	0	0	0
2/6/2024 19:41	47403 PENS_T1	0	1	1	0	2.5	2.5	0	0	0	0	0	0	0	0
2/6/2024 19:41	16301 ALPA_T1	0	0	0	0	0	0	-0.34	-0.32	0	0	0	0	0	0
2/6/2024 19:41	54502 ENOL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/6/2024 19:41	45704 LIND_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/6/2024 19:41	59101 WALK_T2	0	0	0	0	0	0	0.32	0.39	0	0	0	0	0	0
2/6/2024 19:41	44701 MUNC_T2	0	0	0	0	0	0	-1.41	-1.41	0	0	0	0	0	0
2/6/2024 19:41	64703 LITI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/6/2024 19:41	54503 ENOL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/6/2024 19:41	51101 CARL_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/6/2024 19:41	40101 HUNT_T2	246	269	23	0.79	0.77	-0.02	-0.54	-0.58	0	0	0	0	0	0
2/6/2024 19:41	50502 MECH_T1	1	1	0	0.5	1	0.5	0	0	0	0	0	0	0	0
2/6/2024 19:41	61503 EPET_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/6/2024 19:41	57401 SPAN_T1	0	0	0	0	0	0	-0.7	-0.71	0	0	0	0	0	0
2/6/2024 19:41	60701 BREC_T1	0	0	0	0	0	0	-0.44	-0.46	0	0	0	0	0	0
2/6/2024 19:41	60201 ATGL_T2	0	0	0	0	0	0	0.4	0.29	0	0	0	0	0	0
2/6/2024 19:42	43102 SMIL_T2	6	6	0	0.28	0.42	0.14	0	0	0	0	0	0	0	0
2/6/2024 19:42	43301 WATS_T2	0	0	0	0	0	0	-1.33	-1.34	0	0	0	0	0	0
2/6/2024 19:42	67502 WEWI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/6/2024 19:42	60602 NCOL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/6/2024 19:42	54202 PENN_T2	0	0	0	0	0	0.6	0.57	0	0	0	0	0	0	0
2/6/2024 19:42	43202 MVIL_T2	4	7	3	0.15	0.17	0.02	-0.65	-0.64	0	0	0	0	0	0
2/6/2024 19:42	14403 SSLA_T1	0	1	1	0	0	0	0.87	0.85	0	0	0	0	0	0
2/6/2024 19:42	42901 MIDD_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/6/2024 19:42	67504 WEWI_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/6/2024 19:42	67001 STHI_T2	5	76	71	0.24	0.12	-0.12	0	0	0	0	0	0	0	0
2/6/2024 19:42	54502 ENOL_T2	0	0	0	0	0	0	-1.15	-1.15	0	0	0	0	0	0
2/6/2024 19:42	54505 ENOL_T2	1	1	0	0.6	0.7	0.1	0	0	0	0	0	0	0	0
2/6/2024 19:42	43301 WATS_T2	0	0	0	0	0	0	-1.33	-1.34	0	0	0	0	0	0
2/6/2024 19:42	53502 EVIL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/6/2024 19:42	67401 WAKE_T2	0	0	0	0	0	0	-1.12	-1.12	0	0	0	0	0	0
2/6/2024 19:42	67401 WAKE_T2	0	0	0	0	0	0	-1.12	-1.12	0	0	0	0	0	0
2/6/2024 19:42	52501 PROG_T1	0	0	0	0	0	0	0.34	0.33	0	0	0	0	0	0
2/6/2024 19:42	67603 WARW_T1	0	0	0	0	0	0	0.01	0.03	0	0	0	0	0	0
2/6/2024 19:42	40502 CRES_T2	17	10	-7	0.17	0.47	0.3	-2.04	-2.04	0	0	0	0	0	0
2/6/2024 19:42	58401 MORO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/6/2024 19:42	20403 ASHF_T2	0	0	0	0	0	0	0.44	0.44	0	0	0	0	0	0
2/6/2024 19:42	56802 BENV_T2	0	2	2	0	0.3	0.3	-2.52	-2.54	0	0	0	0	0	0
2/6/2024 19:42	64101 REFR_T1	0	0	0	0	0	0	-0.03	-0.01	0	0	0	0	0	0
2/6/2024 19:42	43402 BENT_T1	0	0	0	0	0	0	-1.55	-0.91	0	0	0	0	0	0
2/6/2024 19:42	57403 SPAN_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/6/2024 19:42	43001 ALWD_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/6/2024 19:42	64801 MONE_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/6/2024 19:42	45502 DERR_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/6/2024 19:42	45602 WOOL_T1	1	2	1	0	0.1	0.1	0	0	0	0	0	0	0	0
2/6/2024 19:42	40201 BEGA_T2	1	1	0	0.6	0.5	-0.1	0	0	0	0	0	0	0	0
2/6/2024 19:43	46206 DANV_T2	1	0	-1	0.4	0	-0.4	0	0	0	0	0	0	0	0
2/6/2024 19:43	63802 HEMP_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/6/2024 19:43	59102 WALK_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/6/2024 19:43	50505 MECH_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/6/2024 19:43	59003 MIFF_T1	0	1	1	0	0	0	-2.37	-0.67	0	0	0	0	0	0
2/6/2024 19:43	46506 LOHA_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/6/2024 19:43	60701 BREC_T1	0	0	0	0	0	0	-0.44	-0.46	0	0	0	0	0	0
2/6/2024 19:43	57401 SPAN_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/6/2024 19:43	66701 STRA_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/6/2024 19:43	53902 HAU_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/6/2024 19:43	52504 PROG_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/6/2024 19:43	43201 MVIL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/6/2024 19:43	40201 BEGA_T2	1	1	0	0.6	0.5	-0.1	0	0	0	0	0	0	0	0
2/6/2024 19:43	54501 ENOL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/6/2024 19:43	47901 HRDG_T1	0	0	0	0	0	0	1.88	1.85	0	0	0	0	0	0
2/6/2024 19:43	14404 SSLA_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/6/2024 19:43	15001 BLMO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/6/2024 19:43	56501 ROCK_T2	1	4	3	0.7	0.18	-0.52	-1.33	-1.33	0	0	0	0	0	0
2/6/2024 19:43	64101 REFR_T1	0	0	0	0	0	0	-0.03	-0.01	0	0	0	0	0	0
2/6/2024 19:43	51601 DUKE_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/6/2024 19:43	55001 NEWP_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/6/2024 19:43	41902 REED_T1	1	0	-1	0.2	0	-0.2	1.23	1.24	0	0	0	0	0	0
2/6/2024 19:43	43303 WATS_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/6/2024 19:43	46302 ROHR_T1	4	4	0	1	1.4	0.4	0.23	0.23	0	0	0	0	0	0
2/6/2024 19:43	44701 MUNC_T2	0	0	0	0	0	0	-1.41	-1.41	0	0	0	0	0	0
2/6/2024 19:43	60102 COCA_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/6/2024 19:43	45501 DERR_T2	2	1	-1	0.4	0	-0.4	0.99	1.03	0	0	0	0	0	0
2/6/2024 19:43	56802 BENV_T2	0	2	2	0	0.3	0.3	-1.26	-1.27	0	0	0	0	0	0
2/6/2024 19:43	46701 RENO_T1	79	69	-10	0.36	0.34	-0.02	0	0	0	0	0	0	0	0
2/6/2024 19:43	67502 WEWI_T2	0	0	0	0	0	0	-2.74	-2.71	0	0	0	0	0	0
2/6/2024 19:44	67603 WARW_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/6/2024 19:44	47403 PENS_T1	0	1	1	0	2.5	2.5	0	0	0	0	0	0	0	0
2/6/2024 19:44	60605 NCOL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/6/2024 19:44	41802 GOCI_T2	3	7	4	0.1	0.16	0.06	0	0	0	0	0	0	0	0
2/6/2024 19:44	54501 ENOL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/6/2024 19:44	67601 WARW_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/6/2024 19:44	51603 DUKE_T1	0	0	0	0	0	0	-0.25	-0.26	0	0	0	0	0	0
2/6/2024 19:44	47901 HRDG_T1	0	0	0	0	0	0	1.88	1.85	0	0	0	0	0	0
2/6/2024 19:44	54501 ENOL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/6/2024 19:44	46204 DANV_T2	1	0	-1	0.1	0	-0.1	0	0	0	0	0	0	0	0
2/6/2024 19:44	45402 WBLO_T2	0	2	2	0	0.2	0.2	-0.59	-0.58	0	0	0	0	0	0
2/6/2024 19:44	40603 PIGR_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/6/2024 19:44	55002 NEWP_T1	3	3	0	0.3	0.27	-0.03	-0.22	-0.2	0	0	0	0	0	0
2/6/2024 19:44	42803 SELI_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/6/2024 19:44	57403 SPAN_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/6/2024 19:44	43301 WATS_T2	0	0	0	0	0	0	-0.66	-0.67	0	0	0	0	0	0
2/6/2024 19:44	56504 ROCK_T2	3	0	-3	4.27	0	-4.27	0	0	0	0	0	0	0	0
2/6/2024 19:44	57304 MOAL_T2	0	0	0	0	0	0	-0.22	-0.21	0	0	0	0	0	0
2/6/2024 19:44	67203 TEHI_T1	0	0	0	0	0	0	2.38	2.36	0	0	0	0	0	0
2/6/2024 19:44	56802 BENV_T2	0	2	2	0	0.3	0.3	-1.26	-1.27	0	0	0	0	0	0
2/6/2024 19:45	42203 SHEN_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/6/2024 19:45	43202 MVIL_T2	7	2	-5	0.17	0.1	-0.07	-0.65	-0.64	0	0	0	0	0	0
2/6/2024 19:45	56803 BENV_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/6/2024 19:45	52504 PROG_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/6/2024 19:45	53502 EVIL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/6/2024 19:45	67201 TEHI_T1	0	0	0	0	0	0	-0.5	-0.46	0	0	0	0	0	0
2/6/2024 19:45	67902 WNHO_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/6/2024 19:45	65003 NEFF_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/6/2024 19:45	54504 ENOL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/6/2024 19:45	63804 HEMP_T1	1	1	0	6.6	6.5	-0.1	0	0	0	0	0	0	0	0
2/6/2024 19:45	62604 ENGL_T1	0	0	0	0	0	0	-0.46	-0.27	0	0	0	0	0	0
2/6/2024 19:45	53903 HAU_T2	2	2	0	1.4	1.25	-0.15	0	0	0	0	0	0	0	0
2/6/2024 19:45	56503 ROCK_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/6/2024 19:45	40903 JESH_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/6/2024 19:45	54204 PENN_T2	1	2	1	0.1	0.1	0	0	0	0	0	0	0	0	0
2/6/2024 19:45	42902 MIDD_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/6/2024 19:45	12704 MACU_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/6/2024 19:45	57401 SPAN_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/6/2024 19:45	60701 BREC_T1	0	0	0	0	0	0	-0.44	-0.46	0	0	0	0	0	0
2/6/2024 19:45	64101 REFR_T1	0	0	0	0	0	0	-0.03	-0.01	0	0	0	0	0	0
2/6/2024 19:46	45502 DERR_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/6/2024 19:46	43304 WATS_T2	1	5	4	1.4	0.4	-1	-0.38	-0.37	0	0	0	0	0	0
2/6/2024 19:46	54504 ENOL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/6/2024 19:46	55101 WERT_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/6/2024 19:46	64101 REFR_T1	0	0	0	0	0	0	-0.03	-0.01	0	0	0	0	0	0
2/6/2024 19:47	43104 SMIL_T2	0	0	0	0	0	0	-0.7	-0.7	0	0	0	0	0	0
2/6/2024 19:47	54503 ENOL_T2	0	0	0	0	0	0	-1.7	-1.74	0	0	0	0	0	0
2/6/2024 19:47	56802 BENV_T2	2	0	-2	0.3	0	-0.3	-3.78	-3.81	0	0	0	0	0	0
2/6/2024 19:47	42903 MIDD_T2	2	1	-1	0.45	0.1	-0.35	0.26	0.29	0	0	0	0	0	0
2/6/2024 19:47	46302 ROHR_T1	4	4	0	1.28	1.2	-0.08	0.23	0.23	0	0	0	0	0	0
2/6/2024 19:47	58402 MORO_T1	0	1	1	0	0	0	-0.91	0	0	0	0	0	0	0
2/6/2024 19:47	43303 WATS_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/6/2024 19:47	54503 ENOL_T2	0	0	0	0	0	0	-1.7	-1.74	0	0	0	0	0	0
2/6/2024 19:47	59102 WALK_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/6/2024 19:48	41902 REED_T1	0	2	2	0	0	0	1.23	1.24	0	0	0	0	0	0
2/6/2024 19:48	54202 PENN_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/6/2024 19:48	60902 DONG_T2	0	0	0	0	0	0	0.47	0.46	0	0	0	0	0	0
2/6/2024 19:48	45501 DERR_T2	1	0	-1	0.1	0	-0.1	0.99	1.03	0	0	0	0	0	0
2/6/2024 19:48	44302 BEAV_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/6/2024 19:48	64101 REFR_T1	0	0	0	0	0	0	-0.03	-0.01	0	0	0	0	0	0
2/6/2024 19:48	45402 WBLO_T2	2	0	-2	0.2	0	-0.2	-0.59	-0.58	0	0	0	0	0	0
2/6/2024 19:49	57401 SPAN_T1	0	0	0	0	0	0	-0.7	-0.71	0	0	0	0	0	0
2/6/2024 19:49	46502 LOHA_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/6/2024 19:49	40101 HUNT_T2	260	267	7	0.85	0.64	-0.21	-0.54	-0.58	0	0	0	0	0	0
2/6/2024 19:49	64303 LINC_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/6/2024 19:50	49804 UNIV_T1	0	0	0	0	0	0	0.55	0.56	0	0	0	0	0	0
2/6/2024 19:50	53902 HAU_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/6/2024 19:51	65002 NEFF_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/6/2024 19:54	44301 BEAV_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/6/2024 19:58	67502 WEWI_T2	0	0	0	0	0	0	-1.36	-1.39	0	0	0	0	0	0
2/6/2024 20:04	16301 ALPA_T1	0	0	0	0	0	0	-0.32	-0.33	0	0	0	0	0	0
2/6/2024 20:09	60701 BREC_T1	0	0	0	0	0	0	-0.49	-0.47	0	0	0	0	0	0
2/6/2024 20:31	54505 ENOL_T2	1	1	0	0.7	0.8	0.1	-1.15	-1.12	0	0	0	0	0	0
2/6/2024 20:45	60701 BREC_T1	0	0	0	0	0	0	-0.45	-0.49	0	0	0	0	0	0
2/6/2024 20:45	41901 REED_T1	9	11	2	0.56	0.56	0	0	0	0	0	0	0	0	0
2/6/2024 20:48	65002 NEFF_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/6/2024 21:06	59201 THOM_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/6/2024 21:46	52002 LING_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/6/2024 21:50	65002 NEFF_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/6/2024 22:11	65005 NEFF_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/6/2024 22:27	65003 NEFF_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/6/2024 23:20	65003 NEFF_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/6/2024 23:41	65003 NEFF_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/7/2024 0:14	45902 AUBU_T1	0	0	0	0	0	0	-0.71	-0.71	0	0	0	0	0	0
2/7/2024 1:57	65004 NEFF_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/7/2024 2:34	65005 NEFF_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/7/2024 3:37	65003 NEFF_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/7/2024 4:03	65005 NEFF_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/7/2024 4:19	65003 NEFF_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/7/2024 4:51	65002 NEFF_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/7/2024 5:17	65004 NEFF_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/7/2024 5:48	65001 NEFF_T2	0	0	0	0	0	0	-0.95	-0.96	0	0	0	0	0	0
2/7/2024 7:02	65002 NEFF_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/7/2024 7:18	65005 NEFF_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/7/2024 7:57	46206 DANV_T2	7	3	-4	0.64	0.5	-0.14	5.84	5.86	0	0	0	0	0	0
2/7/2024 7:58	45502 DERR_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/7/2024 8:00	40101 HUNT_T2	662	578	-84	1.37	1.06	-0.31	-0.43	-0.44	0	0	0	0	0	0
2/7/2024 8:05	65001 NEFF_T2	0	0	0	0	0	0	-0.5	-0.43	0	0	0	0	0	0
2/7/2024 8:07	49803 UNIV_T1	0	0	0	0	0	0	-0.92	-0.96	0	0	0	0	0	0
2/7/2024 8:08	46205 DANV_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/7/2024 8:09	46201 DANV_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/7/2024 8:10	45501 DERR_T2	1	1	0	1.5	0	-1.5	0.97	0.8	0	0	0	0	0	0
2/7/2024 8:11	46205 DANV_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/7/2024 8:15	53902 HAU_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/7/2024 8:20	54201 PENN_T1	209	8	-201	0.46	0.76	0.3	-1.29	0.07	0	0	0	0	0

2/7/2024 9:01	44703 MUNC_T2	1	1	0	0.3	0.3	0	0	0	0	0	0	0	0
2/7/2024 9:06	16406 MOPO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
2/7/2024 9:07	13904 SEID_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
2/7/2024 9:07	53501 EVIL_T2	3	1	-2	0.5	0.2	-0.3	-1.47	-0.79	0	0	0	0	0
2/7/2024 9:07	67202 TEHI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
2/7/2024 9:07	67402 WAKE_T2	0	0	0	0	0	0	0.49	0.48	0	0	0	0	0
2/7/2024 9:07	40501 CRES_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
2/7/2024 9:07	67502 WEWI_T2	1	0	-1	0.2	0	-0.2	0	0	0	0	0	0	0
2/7/2024 9:07	42902 MIDD_T2	0	1	1	0	0.2	0.2	0	0	0	0	0	0	0
2/7/2024 9:07	60701 BREC_T1	0	0	0	0	0	0	-0.28	-0.35	0	0	0	0	0
2/7/2024 9:07	44201 POIN_T1	0	0	0	0	0	0	-1.44	-2.26	0	0	0	0	0
2/7/2024 9:08	27502 WEIS_T2	0	0	0	0	0	0	-0.28	-0.35	0	0	0	0	0
2/7/2024 9:08	47104 MARL_T1	0	0	0	0	0	0	-0.75	-0.72	0	0	0	0	0
2/7/2024 9:10	45502 DERR_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
2/7/2024 9:11	46202 DANV_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
2/7/2024 9:11	45502 DERR_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
2/7/2024 9:11	10805 CHHI_T2	7	14	7	3.54	2.14	-1.4	-0.37	-0.39	0	0	0	0	0
2/7/2024 9:13	53902 HALI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
2/7/2024 9:15	41801 GOCI_T2	1	9	8	0.2	0.26	0.06	0	0	0	0	0	0	0
2/7/2024 9:19	42204 SHEN_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
2/7/2024 9:21	44301 BEAV_T2	1	1	0	0.1	0	-0.1	-0.21	0.23	0	0	0	0	0
2/7/2024 9:21	67002 STHI_T2	37	165	128	0.18	0.2	0.02	1.38	1.32	0	0	0	0	0
2/7/2024 9:22	67001 STHI_T2	43	322	279	0.15	0.18	0.03	0	0	0	0	0	0	0
2/7/2024 9:22	44302 BEAV_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
2/7/2024 9:24	67001 STHI_T2	43	322	279	0.15	0.18	0.03	0	0	0	0	0	0	0
2/7/2024 9:26	29401 BELT_T1	77	0	-77	0.35	0	-0.35	0	0	0	0	0	0	0
2/7/2024 9:29	25402 LAHA_T2	1	1	0	1.5	0.4	-1.1	-0.45	-0.44	0	0	0	0	0
2/7/2024 9:33	42204 SHEN_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
2/7/2024 9:37	43302 WATS_T2	0	2	2	0	0.1	0.1	0	0	0	0	0	0	0
2/7/2024 9:37	13704 SCHN_T2	0	0	0	0	0	0	-0.75	-0.02	0	0	0	0	0
2/7/2024 9:37	56802 BENV_T2	16	129	113	0.24	0.3	0.06	-1.26	-1.29	0	0	0	0	0
2/7/2024 9:38	43301 WATS_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
2/7/2024 9:38	56802 BENV_T2	16	129	113	0.24	0.3	0.06	-2.52	-2.58	0	0	0	0	0
2/7/2024 9:38	13704 SCHN_T2	0	0	0	0	0	0	-0.75	-0.02	0	0	0	0	0
2/7/2024 9:38	16302 ALPA_T2	1	4	3	0.1	0.23	0.13	-0.83	-1.01	0	0	0	0	0
2/7/2024 9:39	45501 DERR_T2	0	0	0	0	0	0	0.71	0.74	0	0	0	0	0
2/7/2024 9:39	28604 BLYT_T2	0	0	0	0	0	0	-1.52	-1.52	0	0	0	0	0
2/7/2024 9:39	16302 ALPA_T2	1	4	3	0.1	0.23	0.13	-0.51	-0.51	0	0	0	0	0
2/7/2024 9:39	56802 BENV_T2	16	129	113	0.24	0.3	0.06	-5.16	-5.16	0	0	0	0	0
2/7/2024 9:40	45501 DERR_T2	0	0	0	0	0	0	0.71	0.74	0	0	0	0	0
2/7/2024 9:40	56802 BENV_T2	16	129	113	0.24	0.3	0.06	-1.29	-1.29	0	0	0	0	0
2/7/2024 9:41	56802 BENV_T2	16	129	113	0.24	0.3	0.06	-1.29	-1.29	0	0	0	0	0
2/7/2024 9:41	16302 ALPA_T2	1	4	3	0.1	0.23	0.13	-0.51	-0.51	0	0	0	0	0
2/7/2024 9:42	56802 BENV_T2	16	129	113	0.24	0.3	0.06	-2.58	-2.58	0	0	0	0	0
2/7/2024 9:42	46204 DANV_T2	1	2	1	0.3	0.1	-0.2	0	0	0	0	0	0	0
2/7/2024 9:42	16302 ALPA_T2	1	4	3	0.1	0.23	0.13	-0.51	-0.51	0	0	0	0	0
2/7/2024 9:43	56802 BENV_T2	16	129	113	0.24	0.3	0.06	-1.29	-1.29	0	0	0	0	0
2/7/2024 9:46	43202 MVIL_T2	28	52	24	0.16	0.26	0.1	-0.51	-0.49	0	0	0	0	0
2/7/2024 9:47	58401 MORO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
2/7/2024 9:48	56504 ROCK_T2	0	2	2	0	0.1	0.1	0	0	0	0	0	0	0
2/7/2024 9:48	59002 MIFF_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
2/7/2024 9:48	46701 RENO_T1	168	60	-108	0.37	0.33	-0.04	0	0	0	0	0	0	0
2/7/2024 9:49	43302 WATS_T2	2	0	-2	0.1	0	-0.1	0	0	0	0	0	0	0
2/7/2024 9:49	64101 REFR_T1	0	1	1	0	0.3	0.3	-0.01	-0.02	0	0	0	0	0
2/7/2024 9:50	56503 ROCK_T2	0	1	1	0	0	0	0	0	0	0	0	0	0
2/7/2024 9:50	43302 WATS_T2	2	0	-2	0.1	0	-0.1	0	0	0	0	0	0	0
2/7/2024 9:50	66501 SMAN_T2	2	2	0	0.55	0.3	-0.25	0	0	0	0	0	0	0
2/7/2024 9:50	64101 REFR_T1	0	1	1	0	0.3	0.3	-0.01	-0.02	0	0	0	0	0
2/7/2024 9:50	56501 ROCK_T2	135	199	64	0.26	0.25	-0.01	-2.92	-2.82	0	0	0	0	0
2/7/2024 9:50	43201 MVIL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
2/7/2024 9:51	57401 SPAN_T1	4	86	82	0.9	0.31	-0.59	0	0	0	0	0	0	0
2/7/2024 9:51	56501 ROCK_T2	135	199	64	0.26	0.25	-0.01	-2.92	-2.82	0	0	0	0	0
2/7/2024 9:52	56503 ROCK_T2	0	1	1	0	0	0	0	0	0	0	0	0	0
2/7/2024 9:52	43302 WATS_T2	2	0	-2	0.1	0	-0.1	0	0	0	0	0	0	0
2/7/2024 9:52	56501 ROCK_T2	135	199	64	0.26	0.25	-0.01	-1.46	-1.41	0	0	0	0	0
2/7/2024 9:52	29401 BELT_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
2/7/2024 9:53	14403 SSLA_T1	0	1	1	0	0.2	0.2	0.81	0.77	0	0	0	0	0
2/7/2024 9:53	67503 WEWI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
2/7/2024 9:53	56503 ROCK_T2	0	1	1	0	0	0	0	0	0	0	0	0	0
2/7/2024 9:53	67604 WARW_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
2/7/2024 9:53	43304 WATS_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
2/7/2024 9:54	24901 WHHA_T1	1	1	0	0.5	0.2	-0.3	0	0	0	0	0	0	0
2/7/2024 9:54	67402 WAKE_T2	0	0	0	0	0	0	0.51	0.53	0	0	0	0	0
2/7/2024 9:55	43304 WATS_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
2/7/2024 9:59	10801 CHHI_T1	1	1	0	0.3	1.5	1.2	-0.74	-0.79	0	0	0	0	0
2/7/2024 10:00	67402 WAKE_T2	0	0	0	0	0	0	0.51	0.53	0	0	0	0	0
2/7/2024 10:01	57304 MOAL_T2	1	14	13	0.9	0.26	-0.64	-0.28	-0.21	0	0	0	0	0
2/7/2024 10:01	55001 NEWP_T1	1	3	2	0.1	0.43	0.33	0	0	0	0	0	0	0
2/7/2024 10:02	57306 MOAL_T2	0	1	1	0	0.2	0.2	0	0	0	0	0	0	0
2/7/2024 10:03	42002 MNVL_T2	1	1	0	8	7.9	-0.1	0	0	0	0	0	0	0
2/7/2024 10:03	55001 NEWP_T1	1	3	2	0.1	0.43	0.33	0	0	0	0	0	0	0
2/7/2024 10:03	64101 REFR_T1	0	1	1	0	0.3	0.3	-0.02	-0.03	0	0	0	0	0
2/7/2024 10:04	64101 REFR_T1	0	1	1	0	0.3	0.3	-0.03	-0.05	0	0	0	0	0
2/7/2024 10:04	55001 NEWP_T1	1	3	2	0.1	0.43	0.33	0	0	0	0	0	0	0
2/7/2024 10:05	43202 MVIL_T2	26	68	42	0.16	0.63	0.47	0	0	0	0	0	0	0
2/7/2024 10:05	46301 ROHR_T1	30	90	60	0.24	0.26	0.02	0	0	0	0	0	0	0
2/7/2024 10:05	40602 PIGR_T1	0	3	3	0	0.33	0.33	0	0	0	0	0	0	0
2/7/2024 10:05	64101 REFR_T1	0	1	1	0	0.3	0.3	-0.02	-0.03	0	0	0	0	0
2/7/2024 10:05	67203 TEHI_T1	4	5	1	0.18	0.1	-0.08	2.8	2.81	0	0	0	0	0
2/7/2024 10:06	67502 WEWI_T2	1	1	0	0.1	0.2	0.1	0	0	0	0	0	0	0
2/7/2024 10:06	55002 NEWP_T1	6	9	3	1	1.07	0.07	-0.15	-0.15	0	0	0	0	0
2/7/2024 10:06	67201 TEHI_T1	5	2	-3	0.5	0	-0.5	0.99	0.81	0	0	0	0	0
2/7/2024 10:07	46302 ROHR_T1	2	5	3	2.95	1.48	-1.47	0.24	0.25	0	0	0	0	0
2/7/2024 10:07	57403 SPAN_T1	1	5	4	0.1	0.18	0.08	0.15	0.15	0	0	0	0	0
2/7/2024 10:08	47402 PENS_T1	0	1	1	0	0	0	0	0	0	0	0	0	0
2/7/2024 10:08	67502 WEWI_T2	1	1	0	0.1	0.2	0.1	0	0	0	0	0	0	0
2/7/2024 10:08	13905 SEID_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
2/7/2024 10:08	43001 ALWD_T1	1	1	0	0.2	0.8	0.6	0	0	0	0	0	0	0
2/7/2024 10:09	20402 ASHF_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
2/7/2024 10:09	15001 BLMO_T1	0	3	3	0	0.27	0.27	0	0	0	0	0	0	0
2/7/2024 10:09	56802 BENV_T2	128	134	6	0.3	0.29	-0.01	-2.58	-2.62	0	0	0	0	0
2/7/2024 10:10	51306 WIND_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
2/7/2024 10:10	54503 ENOL_T2	0	0	0	0	0	0	-1.73	-1.86	0	0	0	0	0
2/7/2024 10:10	20403 ASHF_T2	9	2	-7	0.33	0.35	0.02	0.14	0.16	0	0	0	0	0
2/7/2024 10:11	43201 MVIL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
2/7/2024 10:11	42803 SELI_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
2/7/2024 10:11	53501 EVIL_T2	2	5	3	0.3	0.36	0.06	-0.84	-0.84	0	0	0	0	0
2/7/2024 10:11	56802 BENV_T2	128	134	6	0.3	0.29	-0.01	-1.29	-1.31	0	0	0	0	0
2/7/2024 10:12	54502 ENOL_T2	1	1	0	0.1	0.3	0.2	-1.07	-1.16	0	0	0	0	0
2/7/2024 10:12	42802 SELI_T1	0	0	0	0	0	0	-1.54	-0.92	0	0	0	0	0
2/7/2024 10:12	54505 ENOL_T2	1	2	1	0.9	0.75	-0.15	-1.17	-1.2	0	0	0	0	0
2/7/2024 10:12	54501 ENOL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
2/7/2024 10:13	42803 SELI_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
2/7/2024 10:13	53501 EVIL_T2	2	5	3	0.3	0.36	0.06	-0.84	-0.84	0	0	0	0	0
2/7/2024 10:14	54502 ENOL_T2	1	1	0	0.1	0.3	0.2	-1.07	-1.16	0	0	0	0	0
2/7/2024 10:14	42801 SELI_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
2/7/2024 10:14	53502 EVIL_T2	1	1	0	1.3	0.5	-0.8	0	0	0	0	0	0	0
2/7/2024 10:16	53501 EVIL_T2	5	9	4	0.34	0.64	0.3	-0.84	-0.84	0	0	0	0	0
2/7/2024 10:18	64802 MONE_T2	3	27	24	0.4	0.36	-0.04	0.2	0.16	0	0	0	0	0
2/7/2024 10:19	14404 SSLA_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
2/7/2024 10:19	57403 SPAN_T1	5	0	-5	0.18	0	-0.18	0	0	0	0	0	0	0
2/7/2024 10:19	65005 NEFF_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
2/7/2024 10:19	13302 ORVI_T2	2	2	0	0.35	0.4	0.05	1.05	1.05	0	0	0	0	0
2/7/2024 10:20	43302 WATS_T2	0	1	1	0	0.1	0.1	0	0	0	0	0	0	0
2/7/2024 10:20	57401 SPAN_T1	85	3	-82	0.31	0.3	-0.01	-0.74	-2.16	0	0	0	0	0
2/7/2024 10:21	14404 SSLA_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
2/7/2024 10:21	67401 WAKE_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
2/7/2024 10:21	57403 SPAN_T1	5	0	-5	0.18	0	-0.18	0	0	0	0	0	0	0
2/7/2024 10:21	42701 AUGU_T1	1	1	0	0.8	0.2	-0.6	0	0	0	0	0	0	0
2/7/2024 10:21	25801 SUTR_T2	0	0	0	0	0	0	-0.67	-0.66	0	0	0	0	0
2/7/2024 10:22	67605 WARW_T1	20	26	6	0.34	0.41	0.07	-1	-1.01	0	0	0	0	0
2/7/2024 10:22	54204 PENN_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
2/7/2024 10:22	57401 SPAN_T1	85	3	-82	0.31	0.3	-0.01	0	0	0	0	0	0	0
2/7/2024 10:23	57403 SPAN_T1	5	0	-5	0.18	0	-0.18	0	0	0	0	0	0	0
2/7/2024 10:23	15001 BLMO_T1	3	4	1	0.23	0.23	0	0	0	0	0	0	0	0
2/7/2024 10:24	57403 SPAN_T1	5	0	-5	0.18	0	-0.18	0	0	0	0	0	0	0
2/7/2024 10:25	56501 ROCK_T2	199	10	-189	0.25	0.24	-0.01	0	0	0	0	0	0	0
2/7/2024 10:25	15001 BLMO_T1	3	4	1	0.23	0.23	0	0	0	0	0	0	0	0
2/7/2024 10:25	67605 WARW_T1	20	26	6	0.34	0.41	0.07	-1.01	-1.03	0	0	0	0	0
2/7/2024 10:26	47901 HRDG_T1	0	0	0	0	0	0	1.15	1.3	0	0	0	0	0
2/7/2024 10:26	42701 AUGU_T1	1	1	0	0.8	0.2	-0.6	0	0	0	0	0	0	0
2/7/2024 10:26	67402 WAKE_T2	0	0	0	0	0	0	0.54	0.53	0	0	0	0	0
2/7/2024 10:26	15001 BLMO_T1	3	4	1	0.23	0.23	0	0	0	0	0	0	0	0
2/7/2024 10:27	65003 NEFF_T2	1	0	-1	0.1	0	-0.1	0	0	0	0	0	0	0
2/7/2024 10:28	41801 GOCI_T2	29	104	75	0.23	0.26	0.03	0	0	0	0	0	0	0
2/7/2024 10:29	64203 KINZ_T1	0	0	0	0	0	0	-0.49	-0.27	0	0	0	0	0
2/7/2024 10:30	47401 PENS_T1	6	5	-1	0.42	0.56	0.14	0.42	0.45	0	0	0	0	0
2/7/2024 10:30	40902 JESH_T1	1	1	0	0.4	0.3	-0.1	-0.54	-0.51	0	0	0	0	0
2/7/2024 10:30	46502 LOHA_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
2/7/2024 10:31	16401 MOPO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
2/7/2024 10:31	40603 PIGR_T1	4	4	0	0.5	0.68	0.18	0	0	0	0	0	0	0
2/7/2024 10:31	47402 PENS_T1	1	1	0	0.6	0.6	0	0	0	0	0	0	0	0
2/7/2024 10:31	47901 HRDG_T1	0	0	0	0	0	0	1.15	1.3	0	0	0	0	0
2/7/2024 10:32	47401 PENS_T1	6	5	-1	0.42	0.56	0.14	0.84	0.89	0	0	0	0	0
2/7/2024 10:32	13503 MCMI_T2	0	0	0	0	0	0	0.12	0.1	0	0	0	0	0
2/7/2024 10:32	53901 HALI_T2	10	57	47	0.1	0.25	0.15	-1.44	-1.45	0	0	0	0	0
2/7/2024 10:32	40602 PIGR_T1	3	9	6	0.33	0.28	-0.05	-1.26	-1.26	0	0	0	0	0
2/7/2024 10:32	64101 REFR_T1	1	1	0	0.2	0.3	0.1	-0.1	-0.05	0	0	0	0	0
2/7/2024 10:33	41903 REED_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
2/7/2024 10:33	64101 REFR_T1	1	1	0	0.2	0.3	0.1	-0.05	-0.03	0	0	0	0	0
2/7/2024 10:34	47403 PENS_T1	5	3	-2	0.34	0.47	0.13	0	0	0	0	0	0	0
2/7/2024 10:35	40602 PIGR_T1	3	9	6	0.33	0.28	-0.05	-1.26	-1.26	0	0	0	0	0
2/7/2024 10:35	41902 REED_T1	8	5	-3	0.66	0	-0.66	1.26	1.22	0	0	0	0	0
2/7/2024 10:35	67002 STHI_T2	163	265	102	0.21	0.21	0	1.38	1.32	0	0	0	0	0
2/7/2024 10:35	64101 REFR_T1	1	1	0	0.2	0.3	0.1	-0.1	-0.05	0	0	0	0	0
2/7/2024 10:36	67002 STHI_T2	163	265	102	0.21	0.21	0	0	0	0	0	0	0	0
2/7/2024 10:36	41901 REED_T1	9	11	2	0.48	0.5	0.02	0	0	0	0	0	0	0
2/7/2024 10:36	67503 WEWI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
2/7/2024 10:37	67001 STHI_T2	364	468	104	0.18	0.21	0.03	0.15	0.12	0	0	0	0	0
2/7/2024 10:37	67604 WARW_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
2/7/2024 10:37	43303 WATS_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
2/7/2024 10:38	61102 BERK_T5	0	1	1	0	0.1	0.1	0	0	0	0	0	0	0
2/7/2024 10:38	67502 WEWI_T2	0	3	3	0	0.47	0.47	-0.06	0.06	0	0	0	0	0
2/7/2024 10:38	56802 BENV_T2	19	28	9	0.21	0.23	0.02	-1.31	-1.28	0	0	0	0	0
2/7/2024 10:39	61103 BERK_T5	1	6	5	0.1	0.25	0.15	0.09	0.08	0	0	0	0	0
2/7/2024 10:39	26401 INOR_T1	3	4	1	0.47	0.27	-0.2	0.81	0.91	0	0	0	0	0
2/7/2024 10:40	40201 BEGA_T2	2	2	0	0.6	0.6	0	0	0	0	0	0	0	0
2/7/2024 10:40	54506 ENOL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
2/7/2024 10:40	41903 REED_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
2/7/2024 10:40	43302 WATS_T2	1	0	-1	0.1	0	-0.1	0	0	0	0	0	0	0
2/7/2024 10:40	61102 BERK_T5	0	1	1	0	0.1	0.1	0	0	0	0	0	0	0
2/7/2024 10:41	54502 ENOL_T2	1	1	0	0.2	0.4	0.2	0	0	0	0	0	0	0
2/7/2024 10:41	62607 ENGL_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
2/7/2024 10:41	40201 BEGA_T2	2	2	0	0.6	0.6	0	0	0	0	0	0	0	0
2/7/2024 10:42	59202 THOM_T1	4	8	4	0.25	0.34	0.09	0	0	0	0	0	0	0
2/7/2024 10:42	61103 BERK_T5	1	6	5	0.1	0.25	0.15	0.09	0.08	0	0	0	0	0
2/7/2024 10:42	62605 ENGL_T1	1	1	0	0.4	0.4	0	0	0	0	0	0	0	0
2/7/2024 10:42	28801 LAKE_T1	3	3

Appendix C - Grid Benefits Achieved in Each Instance of Active Management

2/7/2024 10:51	64101 REFR_T1	1	1	0	0.3	0.2	-0.1	-0.08	-0.05	0	0	0	0	0	0
2/7/2024 10:51	52503 PROG_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/7/2024 10:52	40601 PIGR_T1	10	23	13	0.29	0.32	0.03	0	0	0	0	0	0	0	0
2/7/2024 10:52	46004 BERW_T2	0	0	0	0	0	0	-0.22	-0.22	0	0	0	0	0	0
2/7/2024 10:52	27502 WEIS_T2	1	1	0	0.4	0	-0.4	-0.4	-0.36	0	0	0	0	0	0
2/7/2024 10:52	67401 WAKE_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/7/2024 10:52	67503 WEWI_T2	0	0	0	0	0	0	-0.111	-0.01	0	0	0	0	0	0
2/7/2024 10:52	16301 ALPA_T1	8	10	2	0.23	0.27	0.04	-0.63	-0.71	0	0	0	0	0	0
2/7/2024 10:53	67502 WEWI_T2	2	3	1	0.3	0.63	0.33	0	0	0	0	0	0	0	0
2/7/2024 10:53	52502 PROG_T2	2	0	-2	0.4	0	-0.4	-0.55	0.38	0	0	0	0	0	0
2/7/2024 10:53	60201 ATGL_T2	0	0	0	0	0	0	-0.14	-0.14	0	0	0	0	0	0
2/7/2024 10:53	64101 REFR_T1	1	1	0	0.3	0.2	-0.1	-0.03	-0.02	0	0	0	0	0	0
2/7/2024 10:53	45402 WBLO_T2	4	2	-2	0.5	0.7	0.2	-0.66	-0.64	0	0	0	0	0	0
2/7/2024 10:54	16301 ALPA_T1	8	10	2	0.23	0.27	0.04	-0.36	-0.31	0	0	0	0	0	0
2/7/2024 10:54	43001 ALWD_T1	1	1	0	0.6	0.4	-0.2	0	0	0	0	0	0	0	0
2/7/2024 10:55	54502 ENOL_T2	1	1	0	0.4	0.5	0.1	0	0	0	0	0	0	0	0
2/7/2024 10:55	54501 ENOL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/7/2024 10:55	16301 ALPA_T1	8	10	2	0.23	0.27	0.04	-0.36	-0.31	0	0	0	0	0	0
2/7/2024 10:56	54505 ENOL_T2	2	2	0	0.65	1.1	0.45	-1.21	-1.24	0	0	0	0	0	0
2/7/2024 10:56	54503 ENOL_T2	0	0	0	0	0	0	-1.83	-1.86	0	0	0	0	0	0
2/7/2024 10:56	16301 ALPA_T1	8	10	2	0.23	0.27	0.04	-0.36	-0.31	0	0	0	0	0	0
2/7/2024 10:57	54501 ENOL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/7/2024 10:57	54502 ENOL_T2	1	1	0	0.4	0.5	0.1	0	0	0	0	0	0	0	0
2/7/2024 10:57	55101 WERT_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/7/2024 10:58	53903 HALI_T2	3	5	-2	1.03	0.94	-0.09	-0.26	-0.24	0	0	0	0	0	0
2/7/2024 10:58	23901 EFMO_T2	0	0	0	0	0	0	0.05	0.05	0	0	0	0	0	0
2/7/2024 10:58	54506 ENOL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/7/2024 10:58	54506 ENOL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/7/2024 10:58	67402 WAKE_T2	0	1	1	0	0.1	0.1	0.52	0.5	0	0	0	0	0	0
2/7/2024 10:59	54505 ENOL_T2	2	2	0	0.65	1.1	0.45	-1.21	-1.24	0	0	0	0	0	0
2/7/2024 10:59	54506 ENOL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/7/2024 10:59	43001 ALWD_T1	1	1	0	0.6	0.4	-0.2	0	0	0	0	0	0	0	0
2/7/2024 11:00	52002 LING_T2	1	1	0	0.4	0.5	0.1	0	0	0	0	0	0	0	0
2/7/2024 11:00	54506 ENOL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/7/2024 11:01	54506 ENOL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/7/2024 11:01	53902 HALI_T2	0	2	2	0	0.2	0.2	0	0	0	0	0	0	0	0
2/7/2024 11:01	25501 MADI_T1	2	1	-1	0.75	1.7	0.95	0	0	0	0	0	0	0	0
2/7/2024 11:04	46004 BERW_T2	0	1	1	0	0.1	0.1	-0.22	-0.25	0	0	0	0	0	0
2/7/2024 11:04	57401 SPAN_T1	4	4	0	0.53	0.5	-0.03	0	0	0	0	0	0	0	0
2/7/2024 11:04	64801 MONE_T2	32	41	9	0.37	0.37	0	-0.29	-0.3	0	0	0	0	0	0
2/7/2024 11:04	16101 BING_T2	1	1	0	0.4	0.2	-0.2	0.43	0.42	0	0	0	0	0	0
2/7/2024 11:04	56503 ROCK_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/7/2024 11:05	42601 TUSC_T1	0	5	5	0	0	0	-0.11	0	0	0	0	0	0	0
2/7/2024 11:06	53902 HALI_T2	0	2	2	0	0.2	0.2	0	0	0	0	0	0	0	0
2/7/2024 11:06	59102 WALK_T2	0	1	1	0	0.1	0.1	0	0	0	0	0	0	0	0
2/7/2024 11:06	49803 UNIV_T1	1	1	0	0.5	0.8	0.3	-1.09	-1.09	0	0	0	0	0	0
2/7/2024 11:06	56501 ROCK_T2	33	69	36	0.19	0.18	-0.01	-1.52	-1.42	0	0	0	0	0	0
2/7/2024 11:07	52504 PROG_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/7/2024 11:07	54202 PENN_T2	0	1	1	0	0.1	0.1	0.65	0.72	0	0	0	0	0	0
2/7/2024 11:08	59101 WALK_T2	0	0	0	0	0	0	1.46	1.67	0	0	0	0	0	0
2/7/2024 11:08	67402 WAKE_T2	1	0	-1	0.1	0	-0.1	0.52	0.5	0	0	0	0	0	0
2/7/2024 11:08	55103 WERT_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/7/2024 11:09	57403 SPAN_T1	0	1	1	0	0.2	0.2	0.18	0.16	0	0	0	0	0	0
2/7/2024 11:10	61303 EARL_T1	0	0	0	0	0	0	0.38	0.36	0	0	0	0	0	0
2/7/2024 11:10	43001 ALWD_T1	1	1	0	0.3	0.5	0.2	0	0	0	0	0	0	0	0
2/7/2024 11:11	41501 FAIR_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/7/2024 11:11	54503 ENOL_T2	0	0	0	0	0	0	-1.86	-1.89	0	0	0	0	0	0
2/7/2024 11:11	54503 ENOL_T2	0	0	0	0	0	0	-1.86	-1.89	0	0	0	0	0	0
2/7/2024 11:11	60101 COCA_T1	1	5	4	0.2	0.42	0.22	0.84	0.76	0	0	0	0	0	0
2/7/2024 11:12	54502 ENOL_T2	1	2	1	0.3	0.3	0	0	0	0	0	0	0	0	0
2/7/2024 11:12	61302 EARL_T1	1	1	0	0.6	0.9	0.3	0	0	0	0	0	0	0	0
2/7/2024 11:12	54502 ENOL_T2	1	2	1	0.3	0.3	0	0	0	0	0	0	0	0	0
2/7/2024 11:13	54501 ENOL_T2	0	2	2	0	0.1	0.1	0.36	0.39	0	0	0	0	0	0
2/7/2024 11:13	61306 EARL_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/7/2024 11:13	54506 ENOL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/7/2024 11:13	67401 WAKE_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/7/2024 11:13	64301 LINC_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/7/2024 11:13	54504 ENOL_T2	0	1	1	0	0.9	0.9	0	0	0	0	0	0	0	0
2/7/2024 11:13	53501 EVIL_T2	10	10	0	0.92	1.12	0.2	-0.82	-0.94	0	0	0	0	0	0
2/7/2024 11:13	40101 HUNT_T2	38	6	-32	0.63	0.5	-0.13	-0.78	-0.88	0	0	0	0	0	0
2/7/2024 11:14	53902 HALI_T2	0	2	2	0	0.2	0.2	0	0	0	0	0	0	0	0
2/7/2024 11:14	54506 ENOL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/7/2024 11:14	13503 MCMI_T2	0	0	0	0	0	0	0.09	0.04	0	0	0	0	0	0
2/7/2024 11:15	43001 ALWD_T1	1	1	0	0.4	0.7	0.3	0	0	0	0	0	0	0	0
2/7/2024 11:15	54502 ENOL_T2	1	4	3	0.5	0.25	-0.25	0	0	0	0	0	0	0	0
2/7/2024 11:15	64303 LINC_T1	0	1	1	0	0.2	0.2	0	0	0	0	0	0	0	0
2/7/2024 11:15	64703 LITI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/7/2024 11:16	40101 HUNT_T2	6	0	-6	0.33	0	-0.33	-1.57	-1.76	0	0	0	0	0	0
2/7/2024 11:16	26402 INOR_T1	2	4	2	0.85	0.7	-0.15	0	0	0	0	0	0	0	0
2/7/2024 11:17	53901 HALI_T2	40	70	30	0.17	0.26	0.09	0	0	0	0	0	0	0	0
2/7/2024 11:17	13302 ORVI_T2	3	3	0	0.27	0.7	0.43	1.04	0.99	0	0	0	0	0	0
2/7/2024 11:18	61801 EELI_T2	0	2	2	0	0.35	0.35	-0.7	-0.66	0	0	0	0	0	0
2/7/2024 11:18	54203 PENN_T1	126	175	49	0.36	0.32	-0.04	0	0	0	0	0	0	0	0
2/7/2024 11:18	55001 NEWP_T1	4	3	-1	0.6	0.73	0.13	0	0	0	0	0	0	0	0
2/7/2024 11:18	13302 ORVI_T2	3	3	0	0.27	0.7	0.43	2.08	1.98	0	0	0	0	0	0
2/7/2024 11:19	66703 STRA_T1	4	15	11	0.4	0.32	-0.08	-0.09	-0.06	0	0	0	0	0	0
2/7/2024 11:20	43303 WATS_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/7/2024 11:20	54204 PENN_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/7/2024 11:20	13302 ORVI_T2	3	3	0	0.27	0.7	0.43	1.04	0.99	0	0	0	0	0	0
2/7/2024 11:20	40601 PIGR_T1	23	72	49	0.31	0.22	-0.09	0	0	0	0	0	0	0	0
2/7/2024 11:21	43301 WATS_T2	2	1	-1	0.15	0.2	0.05	0	0	0	0	0	0	0	0
2/7/2024 11:21	55001 NEWP_T1	4	3	-1	0.6	0.73	0.13	0	0	0	0	0	0	0	0
2/7/2024 11:22	54206 PENN_T2	3	8	5	0.13	0.28	0.15	0	0	0	0	0	0	0	0
2/7/2024 11:22	43301 WATS_T2	2	1	-1	0.15	0.2	0.05	-0.71	-0.71	0	0	0	0	0	0
2/7/2024 11:23	60801 BUCK_T1	0	1	1	0	0.1	0.1	0	0	0	0	0	0	0	0
2/7/2024 11:23	42204 SHEN_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/7/2024 11:23	16301 ALPA_T1	5	8	3	0.26	0.21	-0.05	-0.31	-0.36	0	0	0	0	0	0
2/7/2024 11:24	64402 LAND_T2	3	6	3	0.3	0.48	0.18	-0.31	-0.31	0	0	0	0	0	0
2/7/2024 11:24	51108 CARL_T1	0	1	1	0	0.2	0.2	0	0	0	0	0	0	0	0
2/7/2024 11:24	67401 WAKE_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/7/2024 11:25	51108 CARL_T1	0	1	1	0	0.2	0.2	0	0	0	0	0	0	0	0
2/7/2024 11:25	56802 BENV_T2	108	79	-29	0.24	0.22	-0.02	-2.7	-2.5	0	0	0	0	0	0
2/7/2024 11:25	60102 COCA_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/7/2024 11:25	60201 ATGL_T2	0	0	0	0	0	0	-0.18	0.31	0	0	0	0	0	0
2/7/2024 11:25	51601 DUKE_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/7/2024 11:26	51603 DUKE_T1	1	2	1	0.1	0.45	0.35	-0.42	-0.42	0	0	0	0	0	0
2/7/2024 11:26	60801 BUCK_T1	0	1	1	0	0.1	0.1	-0.48	-0.51	0	0	0	0	0	0
2/7/2024 11:26	54506 ENOL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/7/2024 11:26	43001 ALWD_T1	1	1	0	0.4	0.7	0.3	0	0	0	0	0	0	0	0
2/7/2024 11:27	24104 EHAZ_T1	23	24	1	0.2	0.17	-0.03	0	0	0	0	0	0	0	0
2/7/2024 11:27	42401 GIMA_T1	0	2	2	0	0.35	0.35	0	0	0	0	0	0	0	0
2/7/2024 11:27	60801 BUCK_T1	0	1	1	0	0.1	0.1	0	0	0	0	0	0	0	0
2/7/2024 11:28	54502 ENOL_T2	1	4	3	0.5	0.25	-0.25	-1.16	-1.17	0	0	0	0	0	0
2/7/2024 11:28	54504 ENOL_T2	0	1	1	0	1	1	0	0	0	0	0	0	0	0
2/7/2024 11:28	60803 BUCK_T1	4	5	1	0.33	0.4	0.07	-0.52	-0.52	0	0	0	0	0	0
2/7/2024 11:28	51603 DUKE_T1	1	2	1	0.1	0.45	0.35	-0.42	-0.42	0	0	0	0	0	0
2/7/2024 11:29	54506 ENOL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/7/2024 11:29	54502 ENOL_T2	1	4	3	0.5	0.25	-0.25	-1.16	-1.17	0	0	0	0	0	0
2/7/2024 11:29	54502 ENOL_T2	1	4	3	0.5	0.25	-0.25	-1.16	-1.17	0	0	0	0	0	0
2/7/2024 11:29	51603 DUKE_T1	1	2	1	0.1	0.45	0.35	-0.42	-0.42	0	0	0	0	0	0
2/7/2024 11:29	67402 WAKE_T2	0	1	1	0	0.1	0.1	0.51	0.51	0	0	0	0	0	0
2/7/2024 11:30	12701 MACU_T1	0	0	0	0	0	0	0.14	0.14	0	0	0	0	0	0
2/7/2024 11:31	54505 ENOL_T2	2	2	0	1.15	1.25	0.1	-1.24	-1.25	0	0	0	0	0	0
2/7/2024 11:31	54503 ENOL_T2	0	1	1	0	0.3	0.3	0	0	0	0	0	0	0	0
2/7/2024 11:31	43001 ALWD_T1	1	1	0	0.5	0.7	0.2	0	0	0	0	0	0	0	0
2/7/2024 11:32	26402 INOR_T1	4	4	0	0.48	0.73	0.25	0	0	0	0	0	0	0	0
2/7/2024 11:32	16406 MOPO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/7/2024 11:32	65001 NEFF_T2	2	1	-1	0.2	0.4	0.2	-0.57	-0.41	0	0	0	0	0	0
2/7/2024 11:32	24103 EHAZ_T1	5	4	-1	1.1	0.57	-0.53	0	0	0	0	0	0	0	0
2/7/2024 11:33	46301 ROHR_T1	143	172	29	0.3	0.34	0.04	0	0	0	0	0	0	0	0
2/7/2024 11:33	54503 ENOL_T2	0	1	1	0	0.3	0.3	0	0	0	0	0	0	0	0
2/7/2024 11:33	13302 ORVI_T2	3	3	0	0.63	0.73	0.1	0.99	1.01	0	0	0	0	0	0
2/7/2024 11:33	12704 MACU_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/7/2024 11:33	64101 REFR_T1	1	3	2	0.5	0.37	-0.13	-0.12	-0.03	0	0	0	0	0	0
2/7/2024 11:34	43302 WATS_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/7/2024 11:34	46301 ROHR_T1	143	172	29	0.3	0.34	0.04	0	0	0	0	0	0	0	0
2/7/2024 11:35	14401 SSLA_T1	1	1	0	1.3	1	-0.3	0	0	0	0	0	0	0	0
2/7/2024 11:35	57401 SPAN_T1	4	4	0	0.45	0.55	0.1	0	0	0	0	0	0	0	0
2/7/2024 11:35	43302 WATS_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/7/2024 11:35	67203 TEHI_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/7/2024 11:35	42902 MIDD_T2	3	10	7	0.3	0.56	0.26	0	0	0	0	0	0	0	0
2/7/2024 11:35	64101 REFR_T1	1	3	2	0.5	0.37	-0.13	-0.17	-0.05	0	0	0	0	0	0
2/7/2024 11:35	65002 NEFF_T2	0	1	1	0	0.1	0.1	0	0	0	0	0	0	0	0
2/7/2024 11:36	46301 ROHR_T1	143	172	29	0.3	0.34	0.04	0	0	0	0	0	0	0	0
2/7/2024 11:36	59101 WALK_T2	0	0	0	0	0	0	1.79	1.75	0	0	0	0	0	0
2/7/2024 11:36	59201 THOM_T1	1	1	0	0.5	0.3	-0.2	0	0	0	0	0	0	0	0
2/7/2024 11:36	65804 RTWN_T1	2	3	1	0.35	0.97	0.62	-0.24	-0.2	0	0	0	0	0	0
2/7/2024 11:36	57401 SPAN_T1	4	4	0	0.45	0.55	0.1	-1.08	-1.12	0	0	0	0	0	0
2/7/2024 11:36	64101 REFR_T1	1	3	2	0.5	0.37	-0.13	-0.06	-0.02	0	0	0	0	0	0
2/7/2024 11:36	43001 ALWD_T1	1	1	0	0.5	0.7	0.2	0	0	0	0	0	0	0	0
2/7/2024 11:37	43303 WATS_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/7/2024 11:37	43108 SMIL_T2	1	0	-1	0.3	0	-0.3	0	0	0	0	0	0	0	0
2/7/2024 11:37	42201 SHEN_T2	1	1	0	0.1	0.1	0	-0.52	-0.49	0	0	0	0	0	0
2/7/2024 11:37	43101 SMIL_T2	1	2	1	1	0.6	-0.4	-0.71	-0.75	0	0	0	0	0	0
2/7/2024 11:37	67204 TEHI_T2	0	1	1	0	0.5	0.5	-0.07	-0.09	0	0	0	0	0	0
2/7/2024 11:37	57401 SPAN_T1	4	4	0	0.45	0.55	0.1	-1.08	-1.12	0	0	0	0	0	0
2/7/2024 11:37	57401 SPAN_T1	4	4	0	0.45	0.55	0.1	-1.08	-1.12	0	0	0	0	0	0
2/7/2024 11:37	43301 WATS_T2	1	1	0	0.2	0.1	-0.1	-0.71	-0.71	0	0	0	0	0	0
2/7/2024 11:37	44903 SCOT_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/7/2024 11:37	43402 BENT_T1	2	3	1	0.2	0.17	-0.03	-0.91	-0.9	0	0	0	0	0	0
2/7/2024 11:37	47401 PENS_T1	20	5	-15	0.32	0.72	0.4	0.94	0.99	0	0	0	0	0	0
2/7/2024 11:37	42601 TUSC_T1	5	6	1	0.44	0	-0.44	0.04	-0.05	0	0	0	0	0	0
2/7/2024 11:37	59102 WALK_T2	1	4	3	0.1	0.28	0.18	0	0	0	0	0	0	0	0
2/7/2024 11:37	65804 RTWN_T1	2	3	1	0.35	0.97	0.62	-0.24	-0.2	0	0	0	0	0	0
2/7/2024 11:37	43001 ALWD_T1	1	1	0	0.5	0.7	0.2	0	0	0	0	0	0	0	0
2/7/2024 11:38	13704 SCHN_T2	0	0	0	0	0	0	-0.64	-0.64	0	0	0	0	0	0
2/7/2024 11:38	43106 SMIL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/7/2024 11:38	15704 TANN_T1	0	0	0	0	0	0	-1.1	-1.17	0	0	0	0	0	0
2/7/2024 11:38	57403 SPAN_T1	1	3	2	0.2	0.2	0	0	0	0	0	0	0	0	0
2/7/2024 11:38	14402 SSLA_T1	5	4	-1	0.42	0.35	-0.07	0	0	0	0	0	0	0	0
2/7/2024 11:38	43302 WATS_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/7/2024 11:38	47403 PENS_T1	4	5	1	0.53	0.58	0.05	0	0	0	0	0	0	0	0
2/7/2024 11:38	67402 WAKE_T2	0	1	1	0	0.1	0.1	0.51	0.51	0	0	0	0	0	0
2/7/2024 11:38	43302 WATS_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/7/2024 11:38	15001 BLMO_T1	2	3	1	0.45	0.33	-0.12	0	0	0	0	0	0	0	0
2/7/2024 11:38	43401 BENT_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/7/2024 11:38	59102 WALK_T2	1	4	3	0.1	0.28	0.18	0	0	0	0	0	0	0	0
2/7/2024 11:38	64101 REFR_T1	1	3	2	0.5	0.37	-0.13	-0.06	-0.02	0	0	0	0	0	0
2/7/2024 11:39	57403 SPAN_T1	1	3	2	0.2

2/7/2024 11:50	54201 PENN_T1	76	100	24	0.31	0.37	0.06	0.08	0.12	0	0	0	0	0	0
2/7/2024 11:50	54201 PENN_T1	76	100	24	0.31	0.37	0.06	0.08	0.12	0	0	0	0	0	0
2/7/2024 11:51	14403 SSLA_T1	2	3	1	0.75	0.73	-0.02	0.69	0.71	0	0	0	0	0	0
2/7/2024 11:51	54206 PENN_T2	8	39	31	0.26	0.17	-0.09	0	0	0	0	0	0	0	0
2/7/2024 11:52	47402 PENS_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/7/2024 11:52	61102 BERK_T5	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/7/2024 11:52	16302 ALPA_T2	0	0	0	0	0	0	0.72	0.73	0	0	0	0	0	0
2/7/2024 11:52	16301 ALPA_T1	7	12	5	0.2	0.22	0.02	-0.37	-0.36	0	0	0	0	0	0
2/7/2024 11:53	43105 SMIL_T2	15	15	0	0.34	0.37	0.03	0	0	0	0	0	0	0	0
2/7/2024 11:53	13905 SEID_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/7/2024 11:53	47403 PENS_T1	5	6	1	0.58	0.4	-0.18	0	0	0	0	0	0	0	0
2/7/2024 11:53	43105 SMIL_T2	15	15	0	0.34	0.37	0.03	0	0	0	0	0	0	0	0
2/7/2024 11:53	42202 SHEN_T2	1	4	3	0.2	0.2	0	0	0	0	0	0	0	0	0
2/7/2024 11:53	16302 ALPA_T2	0	0	0	0	0	0	0.72	0.73	0	0	0	0	0	0
2/7/2024 11:53	67401 WAKE_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/7/2024 11:53	43001 ALWD_T1	1	1	0	0.7	0.7	0	0	0	0	0	0	0	0	0
2/7/2024 11:53	42601 TUSC_T1	6	0	-6	0.35	0	-0.35	0.02	-0.06	0	0	0	0	0	0
2/7/2024 11:54	60701 BREC_T1	2	42	40	0.45	0.22	-0.23	-0.44	0.1	0	0	0	0	0	0
2/7/2024 11:54	44302 BEAV_T2	1	71	70	0.1	0.4	0.3	0.21	0.28	0	0	0	0	0	0
2/7/2024 11:54	14401 SSLA_T1	1	1	0	0.8	1	0.2	0	0	0	0	0	0	0	0
2/7/2024 11:54	16301 ALPA_T1	7	12	5	0.2	0.22	0.02	-0.36	-0.36	0	0	0	0	0	0
2/7/2024 11:54	54206 PENN_T2	8	39	31	0.26	0.17	-0.09	0	0	0	0	0	0	0	0
2/7/2024 11:54	47401 PENS_T1	4	36	32	0.8	0.3	-0.5	0.49	0.52	0	0	0	0	0	0
2/7/2024 11:54	44301 BEAV_T2	2	12	10	0.45	0.29	-0.16	0.28	-0.67	0	0	0	0	0	0
2/7/2024 11:54	16302 ALPA_T2	0	0	0	0	0	0	0.73	0.79	0	0	0	0	0	0
2/7/2024 11:55	67401 WAKE_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/7/2024 11:55	16302 ALPA_T2	0	0	0	0	0	0	0.73	0.79	0	0	0	0	0	0
2/7/2024 11:55	42701 AUGU_T1	2	6	4	0.9	0.5	-0.4	0	0	0	0	0	0	0	0
2/7/2024 11:55	47402 PENS_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/7/2024 11:55	16301 ALPA_T1	7	12	5	0.2	0.22	0.02	-0.71	-0.72	0	0	0	0	0	0
2/7/2024 11:55	60701 BREC_T1	2	42	40	0.45	0.22	-0.23	-0.87	0.2	0	0	0	0	0	0
2/7/2024 11:56	47403 PENS_T1	5	6	1	0.58	0.4	-0.18	0	0	0	0	0	0	0	0
2/7/2024 11:56	17801 GILB_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/7/2024 11:56	61103 BERK_T5	5	6	1	0.26	0.33	0.07	0.07	-0.01	0	0	0	0	0	0
2/7/2024 11:56	42701 AUGU_T1	2	6	4	0.9	0.5	-0.4	0	0	0	0	0	0	0	0
2/7/2024 11:56	60701 BREC_T1	2	42	40	0.45	0.22	-0.23	-0.87	0.2	0	0	0	0	0	0
2/7/2024 11:57	17802 GILB_T1	3	3	0	0.7	0.83	0.13	0.23	0.2	0	0	0	0	0	0
2/7/2024 11:57	61102 BERK_T5	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/7/2024 11:57	42401 GIMA_T1	2	2	0	0.35	0.3	-0.05	0	0	0	0	0	0	0	0
2/7/2024 11:58	16301 ALPA_T1	7	12	5	0.2	0.22	0.02	-0.36	-0.36	0	0	0	0	0	0
2/7/2024 11:59	17802 GILB_T1	3	3	0	0.7	0.83	0.13	0.23	0.2	0	0	0	0	0	0
2/7/2024 11:59	17804 GILB_T2	1	1	0	0.2	0.7	0.5	-0.56	-0.56	0	0	0	0	0	0
2/7/2024 11:59	25502 MADI_T1	1	1	0	0.3	0.6	0.3	0	0	0	0	0	0	0	0
2/7/2024 11:59	44301 BEAV_T2	2	12	10	0.45	0.29	-0.16	0.28	-0.67	0	0	0	0	0	0
2/7/2024 12:00	64301 LINC_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/7/2024 12:01	13503 MCMI_T2	0	0	0	0	0	0	0.05	0.07	0	0	0	0	0	0
2/7/2024 12:02	63803 HEMP_T1	113	58	-55	0.21	0.22	0.01	0	0	0	0	0	0	0	0
2/7/2024 12:02	54701 NEBL_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/7/2024 12:03	45703 LIND_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/7/2024 12:03	64301 LINC_T1	0	0	0	0	0	0	-0.01	0.56	0	0	0	0	0	0
2/7/2024 12:04	14403 SSLA_T1	3	3	0	0.6	0.63	0.03	1.42	1.28	0	0	0	0	0	0
2/7/2024 12:04	60602 NCOL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/7/2024 12:05	54701 NEBL_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/7/2024 12:06	42701 AUGU_T1	3	6	3	0.53	0.53	0	0	0	0	0	0	0	0	0
2/7/2024 12:06	42903 MIDD_T2	1	3	2	0.2	1.47	1.27	2.08	0.14	0	0	0	0	0	0
2/7/2024 12:06	14402 SSLA_T1	3	6	3	0.37	0.43	0.06	0	0	0	0	0	0	0	0
2/7/2024 12:06	67401 WAKE_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/7/2024 12:07	54204 PENN_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/7/2024 12:07	16301 ALPA_T1	11	11	0	0.18	0.26	0.08	-0.36	-0.36	0	0	0	0	0	0
2/7/2024 12:07	16302 ALPA_T2	0	0	0	0	0	0	0.73	0.79	0	0	0	0	0	0
2/7/2024 12:08	67401 WAKE_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/7/2024 12:08	15001 BLMO_T1	2	3	1	0.1	0.4	0.3	0	0	0	0	0	0	0	0
2/7/2024 12:08	61101 BERK_T5	3	2	-1	0.53	0.55	0.02	0	0	0	0	0	0	0	0
2/7/2024 12:08	14802 TREI_T2	2	7	5	0.3	0.29	-0.01	0	0	0	0	0	0	0	0
2/7/2024 12:08	42601 TUSC_T1	0	0	0	0	0	0	-0.06	0.07	0	0	0	0	0	0
2/7/2024 12:08	16301 ALPA_T1	11	11	0	0.18	0.26	0.08	-0.71	-0.72	0	0	0	0	0	0
2/7/2024 12:09	13905 SEID_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/7/2024 12:09	42901 MIDD_T2	0	14	14	0	0.24	0.24	0	0	0	0	0	0	0	0
2/7/2024 12:09	16302 ALPA_T2	0	0	0	0	0	0	0.79	0.84	0	0	0	0	0	0
2/7/2024 12:09	15001 BLMO_T1	2	3	1	0.1	0.4	0.3	0	0	0	0	0	0	0	0
2/7/2024 12:09	16301 ALPA_T1	11	11	0	0.18	0.26	0.08	-0.36	-0.38	0	0	0	0	0	0
2/7/2024 12:09	43001 ALWD_T1	1	2	1	0.6	0.45	-0.15	0	0	0	0	0	0	0	0
2/7/2024 12:09	61102 BERK_T5	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/7/2024 12:10	64101 REFR_T1	2	1	-1	0.35	0.7	0.35	-0.02	-0.06	0	0	0	0	0	0
2/7/2024 12:10	51603 DUKE_T1	2	2	0	0.45	0.45	0	-0.32	-0.42	0	0	0	0	0	0
2/7/2024 12:10	15001 BLMO_T1	2	3	1	0.1	0.4	0.3	0	0	0	0	0	0	0	0
2/7/2024 12:10	16302 ALPA_T2	0	0	0	0	0	0	0.79	0.84	0	0	0	0	0	0
2/7/2024 12:10	16301 ALPA_T1	11	11	0	0.18	0.26	0.08	-0.36	-0.38	0	0	0	0	0	0
2/7/2024 12:11	61101 BERK_T5	3	2	-1	0.53	0.55	0.02	0	0	0	0	0	0	0	0
2/7/2024 12:11	15001 BLMO_T1	2	3	1	0.1	0.4	0.3	0	0	0	0	0	0	0	0
2/7/2024 12:11	16301 ALPA_T1	11	11	0	0.18	0.26	0.08	-0.36	-0.38	0	0	0	0	0	0
2/7/2024 12:11	51603 DUKE_T1	2	2	0	0.45	0.45	0	-0.32	-0.42	0	0	0	0	0	0
2/7/2024 12:11	16302 ALPA_T2	0	0	0	0	0	0	0.79	0.84	0	0	0	0	0	0
2/7/2024 12:11	67402 WAKE_T2	0	0	0	0	0	0	0.49	0.48	0	0	0	0	0	0
2/7/2024 12:11	42701 AUGU_T1	3	6	3	0.53	0.53	0	0	0	0	0	0	0	0	0
2/7/2024 12:12	42401 GIMA_T1	0	3	3	0	0.37	0.37	0	0	0	0	0	0	0	0
2/7/2024 12:12	17802 GILB_T1	3	4	1	0.6	0.98	0.38	0.2	0.16	0	0	0	0	0	0
2/7/2024 12:12	51603 DUKE_T1	2	2	0	0.45	0.45	0	-0.32	-0.42	0	0	0	0	0	0
2/7/2024 12:13	17802 GILB_T1	3	4	1	0.6	0.98	0.38	0.2	0.16	0	0	0	0	0	0
2/7/2024 12:13	61102 BERK_T5	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/7/2024 12:13	63803 HEMP_T1	113	58	-55	0.21	0.22	0.01	0	0	0	0	0	0	0	0
2/7/2024 12:14	51603 DUKE_T1	2	2	0	0.45	0.45	0	-0.32	-0.42	0	0	0	0	0	0
2/7/2024 12:14	17801 GILB_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/7/2024 12:14	26401 INOR_T1	2	42	40	0.35	0.27	-0.08	0.52	0.52	0	0	0	0	0	0
2/7/2024 12:15	17805 GILB_T2	1	1	0	0.4	0.2	-0.2	0	0	0	0	0	0	0	0
2/7/2024 12:15	59003 MIFF_T1	2	0	-2	0.35	0	-0.35	-0.98	1.13	0	0	0	0	0	0
2/7/2024 12:17	65003 NEFF_T2	7	8	1	0.47	0.36	-0.11	0	0	0	0	0	0	0	0
2/7/2024 12:19	43105 SMIL_T2	15	18	3	0.33	0.42	0.09	0	0	0	0	0	0	0	0
2/7/2024 12:19	43105 SMIL_T2	15	18	3	0.33	0.42	0.09	0	0	0	0	0	0	0	0
2/7/2024 12:20	43106 SMIL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/7/2024 12:20	64101 REFR_T1	1	2	1	0.7	0.45	-0.25	-0.1	-0.23	0	0	0	0	0	0
2/7/2024 12:20	13701 SCHN_T2	3	4	1	0.2	0.23	0.03	0	0	0	0	0	0	0	0
2/7/2024 12:21	43302 WATS_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/7/2024 12:21	64101 REFR_T1	1	2	1	0.7	0.45	-0.25	-0.02	-0.06	0	0	0	0	0	0
2/7/2024 12:22	43303 WATS_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/7/2024 12:22	65002 NEFF_T2	3	2	-1	0.13	0.15	0.02	0	0	0	0	0	0	0	0
2/7/2024 12:22	64101 REFR_T1	1	2	1	0.7	0.45	-0.25	-0.02	-0.06	0	0	0	0	0	0
2/7/2024 12:22	67401 WAKE_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/7/2024 12:23	43302 WATS_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/7/2024 12:23	64101 REFR_T1	1	2	1	0.7	0.45	-0.25	-0.02	-0.06	0	0	0	0	0	0
2/7/2024 12:24	43302 WATS_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/7/2024 12:24	43302 WATS_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/7/2024 12:24	15001 BLMO_T1	2	3	1	0.3	0.43	0.13	0	0	0	0	0	0	0	0
2/7/2024 12:25	15001 BLMO_T1	2	3	1	0.3	0.43	0.13	0	0	0	0	0	0	0	0
2/7/2024 12:25	43301 WATS_T2	0	1	1	0	0.2	0.2	-1.38	-1.51	0	0	0	0	0	0
2/7/2024 12:25	43301 WATS_T2	0	1	1	0	0.2	0.2	-1.38	-1.51	0	0	0	0	0	0
2/7/2024 12:26	15001 BLMO_T1	2	3	1	0.3	0.43	0.13	0	0	0	0	0	0	0	0
2/7/2024 12:27	67401 WAKE_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/7/2024 12:27	28604 BLYT_T2	0	0	0	0	0	0	-1.6	-1.62	0	0	0	0	0	0
2/7/2024 12:27	15001 BLMO_T1	2	3	1	0.3	0.43	0.13	0	0	0	0	0	0	0	0
2/7/2024 12:28	53602 DALM_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/7/2024 12:28	64101 REFR_T1	1	2	1	0.7	0.45	-0.25	-0.06	-0.05	0	0	0	0	0	0
2/7/2024 12:34	46302 ROHR_T1	69	130	61	0.29	0.39	0.1	0.2	0.19	0	0	0	0	0	0
2/7/2024 12:36	46302 ROHR_T1	69	130	61	0.29	0.39	0.1	0.2	0.19	0	0	0	0	0	0
2/7/2024 12:37	46302 ROHR_T1	69	130	61	0.29	0.39	0.1	0.2	0.19	0	0	0	0	0	0
2/7/2024 12:43	45802 HEGI_T2	0	0	0	0	0	0	0.57	0.73	0	0	0	0	0	0
2/7/2024 12:44	13502 MCMI_T1	3	3	0	0.43	0.37	-0.06	0	0	0	0	0	0	0	0
2/7/2024 12:46	45802 HEGI_T2	0	0	0	0	0	0	0.57	0.73	0	0	0	0	0	0
2/7/2024 12:47	13501 MCMI_T1	0	0	0	0	0	0	-0.12	-0.11	0	0	0	0	0	0
2/7/2024 12:48	59302 MCAL_T1	0	0	0	0	0	0	-0.16	-0.12	0	0	0	0	0	0
2/7/2024 12:48	13503 MCMI_T2	0	0	0	0	0	0	0.05	0	0	0	0	0	0	0
2/7/2024 12:51	54502 ENOL_T2	1	0	-1	0.1	0	-0.1	-1.16	-1.16	0	0	0	0	0	0
2/7/2024 12:52	16301 ALPA_T1	6	18	12	0.28	0.21	-0.07	-0.36	-0.37	0	0	0	0	0	0
2/7/2024 12:53	16301 ALPA_T1	6	18	12	0.28	0.21	-0.07	-0.36	-0.37	0	0	0	0	0	0
2/7/2024 12:55	16301 ALPA_T1	6	18	12	0.28	0.21	-0.07	-0.37	-0.39	0	0	0	0	0	0
2/7/2024 12:55	16302 ALPA_T2	0	0	0	0	0	0	0.7	0.7	0	0	0	0	0	0
2/7/2024 12:56	16302 ALPA_T2	0	0	0	0	0	0	0.7	0.7	0	0	0	0	0	0
2/7/2024 12:56	16301 ALPA_T1	6	18	12	0.28	0.21	-0.07	-0.37	-0.39	0	0	0	0	0	0
2/7/2024 12:57	48902 FOSP_T2	0	1	1	0	0.1	0.1	0	0	0	0	0	0	0	0
2/7/2024 12:57	16302 ALPA_T2	0	0	0	0	0	0	0.7	0.7	0	0	0	0	0	0
2/7/2024 12:58	53902 HALI_T2	1	0	-1	0.2	0	-0.2	0	0	0	0	0	0	0	0
2/7/2024 12:58	16302 ALPA_T2	0	0	0	0	0	0	0.7	0.7	0	0	0	0	0	0
2/7/2024 12:59	53902 HALI_T2	1	0	-1	0.2	0	-0.2	0	0	0	0	0	0	0	0
2/7/2024 12:59	53901 HALI_T2	86	51	-35	0.29	0.23	-0.06	-1.49	-0.4	0	0	0	0	0	0
2/7/2024 13:02	53902 HALI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/7/2024 13:04	14402 SSLA_T1	7	10	3	0.36	0.4	0.04	0	0	0	0	0	0	0	0
2/7/2024 13:06	17002 RIRO_T2	3	3	0	0.43	0.5	0.07	0.64	0.65	0	0	0	0	0	0
2/7/2024 13:08	14401 SSLA_T1	3	3	0	0.37	0.37	0	0	0	0	0	0	0	0	0
2/7/2024 13:09	28601 BLYT_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/7/2024 13:09	65003 NEFF_T2	11	6	-5	0.4	0.34	-0.06	0	0	0	0	0	0	0	0
2/7/2024 13:12	13501 MCMI_T1	0	0	0	0	0	0	-0.17	-0.12	0	0	0	0	0	0
2/7/2024 13:14	61503 EPET_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/7/2024 13:30	13501 MCMI_T1	0	0	0	0	0	0	-0.12	-0.2	0	0	0	0	0	0
2/7/2024 13:35	67402 WAKE_T2	0	0	0	0	0	0	0.47	0.48	0	0	0	0	0	0
2/7/2024 13:36	14402 SSLA_T1	10	31	21	0.39	0.26	-0.13	0	0	0	0	0	0	0	0
2/7/2024 13:37	42701 AUGU_T1	5	6	1	0.44	0.42	-0.02	0	0	0	0	0	0	0	0
2/7/2024 13:38	67402 WAKE_T2	0	0	0	0	0	0	0.47	0.48	0	0	0	0	0	0
2/7/2024 13:39	14404 SSLA_T1	4	19	15	0.23	0.16	-0.07	0	0	0	0	0	0	0	0
2/7/2024 13:40	67402 WAKE_T2	0	0	0	0	0	0	0.48	0.45	0	0	0	0	0	0
2/7/2024 13:41	65002 NEFF_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/7/2024 13:46	13501 MCMI_T1	0	0	0	0	0	0	-0.2	-0.18	0	0	0	0	0	0
2/7/2024 13:46	59302 MCAL_T1	0	0	0	0	0	0	-0.11	-0.2	0	0	0	0	0	0
2/7/2024 13:49	53901 HALI_T2	0	1	1	0	0.3	0.3	0	0	0	0	0	0	0	0
2/7/2024 13:50	13302 ORVI_T2	2	3	1	1.1	0.97	-0.13	0.94	1.02	0	0	0	0	0	0
2/7/2024 13:51	67402 WAKE_T2	0	0	0	0	0	0	0.48	0.45	0	0	0	0	0	0
2/7/2024 13:52	42701 AUGU_T1	5	3	-2	0.36	0.7	0.34	0	0	0	0	0	0	0	0
2/7/2024 13:53	16301 ALPA_T1	19	55	36	0.16	0.16	0	-0.8	-0.76	0	0	0	0	0	0
2/7/2024 13:54	42701 AUGU_T1	5	3	-2	0.36	0.7	0.34	0	0	0	0	0	0	0	0
2/7/2024 13:54	13904 SEID_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/7/2024 13:54	16301 ALPA_T1	19	55	36	0.16	0.16	0	-0.38	-0.43	0	0	0	0	0	0
2/7/2024 13:56	28604 BLYT_T2	0	1	1	0	0.2	0.2	-1.64	-1.63	0	0	0	0	0	0
2/7/2024 13:56	67401 WAKE_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/7/2024 13:57	26401 INOR_T1	0	2	2	0	0.15	0.15	0	0	0	0	0	0	0	0
2/7/2024 13:59	45802 HEGI_T2	2	0	-2	0.55	0	-0.55	1.25	1.22	0	0	0	0	0	0
2/7/2024 14:02	13502 MCMI_T1	2	3	1	0.45	0.47	0.02	0	0	0	0	0	0	0	0
2/7/2024 14:03	17002 RIRO_T2	3	5	2	0.43	0.26	-0.17	0.71	0.53	0	0	0	0	0	0
2/7/2024 14:04	43106 SMIL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/7/2024 14:04	46302 ROHR_T1	121	125	4	0.34	0.31	-0.03	0.17	0.18	0	0	0	0	0	0
2/7/2024 14:05	14404 S

2/7/2024 14:17	47402 PENS_T1	0	1	1	0	0.1	0.1	0	0	0	0	0	0	0	0
2/7/2024 14:18	53802 MBRG_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/7/2024 14:18	47401 PENS_T1	29	22	-7	0.31	0.34	0.03	0.82	0.88	0	0	0	0	0	0
2/7/2024 14:18	41901 REED_T1	11	11	0	0.69	0.72	0.03	0	0	0	0	0	0	0	0
2/7/2024 14:19	47401 PENS_T1	29	22	-7	0.31	0.34	0.03	0.41	0.44	0	0	0	0	0	0
2/7/2024 14:19	46302 ROHR_T1	122	103	-19	0.31	0.28	-0.03	0.18	0.19	0	0	0	0	0	0
2/7/2024 14:20	13704 SCHN_T2	1	1	0	0.2	0.2	0	-0.35	-0.34	0	0	0	0	0	0
2/7/2024 14:20	47402 PENS_T1	0	1	1	0	0.1	0.1	0	0	0	0	0	0	0	0
2/7/2024 14:20	17002 RIRO_T2	5	4	-1	0.24	0.23	-0.01	0.53	0.58	0	0	0	0	0	0
2/7/2024 14:20	58401 MORO_T1	2	1	-1	0.2	0.2	0	0	0	0	0	0	0	0	0
2/7/2024 14:20	49804 UNIV_T1	3	1	-2	0.2	0.1	-0.1	0	0	0	0	0	0	0	0
2/7/2024 14:21	41901 REED_T1	11	11	0	0.69	0.72	0.03	0	0	0	0	0	0	0	0
2/7/2024 14:21	67603 WARW_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/7/2024 14:21	13302 ORVI_T2	3	2	-1	0.87	0.9	0.03	0.86	0.91	0	0	0	0	0	0
2/7/2024 14:21	13701 SCHN_T2	3	2	-1	0.3	0.2	-0.1	0	0	0	0	0	0	0	0
2/7/2024 14:22	67402 WAKE_T2	0	0	0	0	0	0	0.5	0.28	0	0	0	0	0	0
2/7/2024 14:22	42701 AUGU_T1	1	2	1	0.3	0.2	-0.1	0	0	0	0	0	0	0	0
2/7/2024 14:22	43201 MVIL_T2	0	0	0	0	0	0	-0.38	-0.38	0	0	0	0	0	0
2/7/2024 14:23	49804 UNIV_T1	3	1	-2	0.2	0.1	-0.1	0.48	0.44	0	0	0	0	0	0
2/7/2024 14:23	28602 BLYT_T2	1	1	0	0.4	0.4	0	0	0	0	0	0	0	0	0
2/7/2024 14:23	67401 WAKE_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/7/2024 14:23	16301 ALPA_T1	52	35	-17	0.16	0.16	0	-0.43	-0.39	0	0	0	0	0	0
2/7/2024 14:23	43201 MVIL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/7/2024 14:23	67603 WARW_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/7/2024 14:23	44301 BEAV_T2	5	4	-1	0.22	0.35	0.13	-0.81	0.09	0	0	0	0	0	0
2/7/2024 14:23	64404 LAND_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/7/2024 14:23	42701 AUGU_T1	1	2	1	0.3	0.2	-0.1	0	0	0	0	0	0	0	0
2/7/2024 14:24	10706 CATA_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/7/2024 14:24	44302 BEAV_T2	2	17	15	0.25	0.36	0.11	0	0	0	0	0	0	0	0
2/7/2024 14:24	67603 WARW_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/7/2024 14:24	43001 ALWD_T1	4	4	0	0.35	0.45	0.1	0	0	0	0	0	0	0	0
2/7/2024 14:24	16301 ALPA_T1	52	35	-17	0.16	0.16	0	-0.39	-0.42	0	0	0	0	0	0
2/7/2024 14:24	16302 ALPA_T2	0	0	0	0	0	0	0.7	0.81	0	0	0	0	0	0
2/7/2024 14:24	42701 AUGU_T1	1	2	1	0.3	0.2	-0.1	0	0	0	0	0	0	0	0
2/7/2024 14:24	43202 MVIL_T2	148	74	-74	0.64	0.43	-0.21	-0.29	-0.53	0	0	0	0	0	0
2/7/2024 14:25	44301 BEAV_T2	5	4	-1	0.22	0.35	0.13	-0.81	0.09	0	0	0	0	0	0
2/7/2024 14:25	16301 ALPA_T1	52	35	-17	0.16	0.16	0	-0.39	-0.42	0	0	0	0	0	0
2/7/2024 14:25	44302 BEAV_T2	2	17	15	0.25	0.36	0.11	0.5	0.48	0	0	0	0	0	0
2/7/2024 14:25	16302 ALPA_T2	0	0	0	0	0	0	0.7	0.81	0	0	0	0	0	0
2/7/2024 14:25	60801 BUCK_T1	0	0	0	0	0	0	0.21	0.19	0	0	0	0	0	0
2/7/2024 14:25	60803 BUCK_T1	3	0	-3	0.3	0	-0.3	-0.54	-0.54	0	0	0	0	0	0
2/7/2024 14:26	53901 HALI_T2	1	1	0	0.3	0.7	0.4	0	0	0	0	0	0	0	0
2/7/2024 14:26	16301 ALPA_T1	52	35	-17	0.16	0.16	0	-0.39	-0.42	0	0	0	0	0	0
2/7/2024 14:26	16302 ALPA_T2	0	0	0	0	0	0	0.7	0.81	0	0	0	0	0	0
2/7/2024 14:26	44301 BEAV_T2	5	4	-1	0.22	0.35	0.13	-1.62	0.19	0	0	0	0	0	0
2/7/2024 14:26	60803 BUCK_T1	3	0	-3	0.3	0	-0.3	-0.54	-0.54	0	0	0	0	0	0
2/7/2024 14:26	43001 ALWD_T1	4	4	0	0.35	0.45	0.1	0	0	0	0	0	0	0	0
2/7/2024 14:27	62606 ENGL_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/7/2024 14:27	16302 ALPA_T2	0	0	0	0	0	0	0.7	0.81	0	0	0	0	0	0
2/7/2024 14:27	42401 GIMA_T1	10	10	0	0.13	0.15	0.02	0	0	0	0	0	0	0	0
2/7/2024 14:27	16301 ALPA_T1	52	35	-17	0.16	0.16	0	-0.78	-0.84	0	0	0	0	0	0
2/7/2024 14:27	40101 HUNT_T2	3	2	-1	0.1	0	-0.1	-0.45	-0.41	0	0	0	0	0	0
2/7/2024 14:27	60801 BUCK_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/7/2024 14:28	62601 ENGL_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/7/2024 14:28	46101 MACI_T2	0	0	0	0	0	0	-0.14	-0.13	0	0	0	0	0	0
2/7/2024 14:28	10703 CATA_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/7/2024 14:28	26401 INOR_T1	1	1	0	0.2	0.2	0	0	0	0	0	0	0	0	0
2/7/2024 14:28	67401 WAKE_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/7/2024 14:28	53903 HALI_T2	3	4	1	1	0.75	-0.25	-0.18	-0.13	0	0	0	0	0	0
2/7/2024 14:29	62604 ENGL_T1	0	0	0	0	0	0	-0.2	-0.43	0	0	0	0	0	0
2/7/2024 14:29	26401 INOR_T1	1	1	0	0.2	0.2	0	0	0	0	0	0	0	0	0
2/7/2024 14:29	53903 HALI_T2	3	4	1	1	0.75	-0.25	-0.18	-0.13	0	0	0	0	0	0
2/7/2024 14:30	43001 ALWD_T1	4	4	0	0.35	0.45	0.1	0	0	0	0	0	0	0	0
2/7/2024 14:30	43202 MVIL_T2	28	85	57	0.19	0.66	0.47	-0.29	-0.53	0	0	0	0	0	0
2/7/2024 14:30	16406 MOPO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/7/2024 14:30	62607 ENGL_T1	0	0	0	0	0	0	-0.73	-0.75	0	0	0	0	0	0
2/7/2024 14:30	40101 HUNT_T2	2	0	-2	0.1	0	-0.1	-0.45	-0.41	0	0	0	0	0	0
2/7/2024 14:31	25501 MADI_T1	1	1	0	2.4	0	-2.4	0	0	0	0	0	0	0	0
2/7/2024 14:31	62602 ENGL_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/7/2024 14:31	58402 MORO_T1	0	0	0	0	0	0	-0.46	-0.46	0	0	0	0	0	0
2/7/2024 14:32	47402 PENS_T1	1	1	0	0.1	0	-0.1	0	0	0	0	0	0	0	0
2/7/2024 14:32	40101 HUNT_T2	2	0	-2	0.1	0	-0.1	-0.45	-0.41	0	0	0	0	0	0
2/7/2024 14:33	47401 PENS_T1	22	1	-21	0.34	0.1	-0.24	2.2	5.71	0	0	0	0	0	0
2/7/2024 14:33	46301 ROHR_T1	154	261	107	0.34	0.4	0.06	0	0	0	0	0	0	0	0
2/7/2024 14:33	53902 HALI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/7/2024 14:34	46301 ROHR_T1	154	261	107	0.34	0.4	0.06	0	0	0	0	0	0	0	0
2/7/2024 14:34	47401 PENS_T1	22	1	-21	0.34	0.1	-0.24	0.44	1.14	0	0	0	0	0	0
2/7/2024 14:34	64801 MONE_T2	207	207	0	0.35	0.37	0.02	-0.38	-0.39	0	0	0	0	0	0
2/7/2024 14:34	64801 MONE_T2	207	207	0	0.35	0.37	0.02	-0.38	-0.39	0	0	0	0	0	0
2/7/2024 14:35	47403 PENS_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/7/2024 14:35	17002 RIRO_T2	3	4	1	0.17	0.23	0.06	0.58	0.46	0	0	0	0	0	0
2/7/2024 14:35	15704 TANN_T1	0	0	0	0	0	0	-1.18	-1.19	0	0	0	0	0	0
2/7/2024 14:35	49804 UNIV_T1	0	1	1	0	0.1	0.1	0	0	0	0	0	0	0	0
2/7/2024 14:35	64802 MONE_T2	235	296	61	0.29	0.27	-0.02	-0.04	-0.03	0	0	0	0	0	0
2/7/2024 14:36	43001 ALWD_T1	4	4	0	0.35	0.45	0.1	0	0	0	0	0	0	0	0
2/7/2024 14:36	58401 MORO_T1	1	0	-1	0.2	0	-0.2	0	0	0	0	0	0	0	0
2/7/2024 14:36	67505 WEWI_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/7/2024 14:36	57401 SPAN_T1	4	3	-1	0.65	0.37	-0.28	-3.49	-2.55	0	0	0	0	0	0
2/7/2024 14:36	14402 SSLA_T1	16	5	-11	0.33	0.52	0.19	0	0	0	0	0	0	0	0
2/7/2024 14:36	47403 PENS_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/7/2024 14:36	53903 HALI_T2	4	3	-1	0.75	0.87	0.12	-0.18	-0.13	0	0	0	0	0	0
2/7/2024 14:36	57401 SPAN_T1	4	3	-1	0.65	0.37	-0.28	-3.49	-2.55	0	0	0	0	0	0
2/7/2024 14:37	57403 SPAN_T1	4	2	-2	0.33	0.5	0.17	0.04	0.03	0	0	0	0	0	0
2/7/2024 14:37	13302 ORVI_T2	1	2	1	1.2	0.9	-0.3	0.91	0.9	0	0	0	0	0	0
2/7/2024 14:37	46301 ROHR_T1	154	261	107	0.34	0.4	0.06	0	0	0	0	0	0	0	0
2/7/2024 14:37	67501 WEWI_T1	0	0	0	0	0	0	-0.63	-0.62	0	0	0	0	0	0
2/7/2024 14:37	67503 WEWI_T2	0	0	0	0	0	0	-0.26	-0.25	0	0	0	0	0	0
2/7/2024 14:37	67604 WARW_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/7/2024 14:37	67502 WEWI_T2	3	2	-1	0.47	0.45	-0.02	-0.19	-0.15	0	0	0	0	0	0
2/7/2024 14:37	46001 BERW_T1	0	0	0	0	0	0	1.09	0.93	0	0	0	0	0	0
2/7/2024 14:37	67401 WAKE_T2	0	0	0	0	0	0	-1.19	-1.07	0	0	0	0	0	0
2/7/2024 14:37	42204 SHEN_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/7/2024 14:37	59102 WALK_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/7/2024 14:37	16302 ALPA_T2	0	0	0	0	0	0	0.7	0.81	0	0	0	0	0	0
2/7/2024 14:37	57401 SPAN_T1	4	3	-1	0.65	0.37	-0.28	-1.16	-0.85	0	0	0	0	0	0
2/7/2024 14:38	67604 WARW_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/7/2024 14:38	57403 SPAN_T1	4	2	-2	0.33	0.5	0.17	0	0	0	0	0	0	0	0
2/7/2024 14:38	43202 MVIL_T2	28	85	57	0.19	0.66	0.47	0	0	0	0	0	0	0	0
2/7/2024 14:38	59101 WALK_T2	0	0	0	0	0	0	2.08	1.94	0	0	0	0	0	0
2/7/2024 14:38	67401 WAKE_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/7/2024 14:38	28601 BLYT_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/7/2024 14:38	46005 BERW_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/7/2024 14:38	16302 ALPA_T2	0	0	0	0	0	0	0.7	0.81	0	0	0	0	0	0
2/7/2024 14:38	16301 ALPA_T1	31	24	-7	0.15	0.16	0.01	-0.39	-0.42	0	0	0	0	0	0
2/7/2024 14:39	49804 UNIV_T1	0	1	1	0	0.1	0.1	0.44	0.48	0	0	0	0	0	0
2/7/2024 14:39	57401 SPAN_T1	4	3	-1	0.65	0.37	-0.28	0	0	0	0	0	0	0	0
2/7/2024 14:39	16301 ALPA_T1	31	24	-7	0.15	0.16	0.01	-0.42	-0.41	0	0	0	0	0	0
2/7/2024 14:39	67605 WARW_T1	41	46	5	0.66	0.65	-0.01	-1.22	-1.21	0	0	0	0	0	0
2/7/2024 14:39	43201 MVIL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/7/2024 14:39	67502 WEWI_T2	3	2	-1	0.47	0.45	-0.02	-0.15	-0.24	0	0	0	0	0	0
2/7/2024 14:40	16302 ALPA_T2	0	0	0	0	0	0	0.81	0.83	0	0	0	0	0	0
2/7/2024 14:40	51304 WIND_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/7/2024 14:40	43202 MVIL_T2	28	85	57	0.19	0.66	0.47	-0.53	-0.58	0	0	0	0	0	0
2/7/2024 14:40	62605 ENGL_T1	1	1	0	0.4	0.2	-0.2	0	0	0	0	0	0	0	0
2/7/2024 14:40	43001 ALWD_T1	4	4	0	0.35	0.45	0.1	0	0	0	0	0	0	0	0
2/7/2024 14:40	67502 WEWI_T2	3	2	-1	0.47	0.45	-0.02	-0.15	-0.24	0	0	0	0	0	0
2/7/2024 14:40	57403 SPAN_T1	4	2	-2	0.33	0.5	0.17	0	0	0	0	0	0	0	0
2/7/2024 14:40	59101 WALK_T2	0	0	0	0	0	0	1.94	1.94	0	0	0	0	0	0
2/7/2024 14:41	60801 BUCK_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/7/2024 14:41	62606 ENGL_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/7/2024 14:41	55103 WERT_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/7/2024 14:41	23902 EFMO_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/7/2024 14:41	51306 WIND_T2	0	0	0	0	0	0	0.1	0.1	0	0	0	0	0	0
2/7/2024 14:41	59101 WALK_T2	0	0	0	0	0	0	3.88	3.89	0	0	0	0	0	0
2/7/2024 14:41	16302 ALPA_T2	0	0	0	0	0	0	0.81	0.83	0	0	0	0	0	0
2/7/2024 14:41	16301 ALPA_T1	31	24	-7	0.15	0.16	0.01	-0.42	-0.41	0	0	0	0	0	0
2/7/2024 14:42	40101 HUNT_T2	2	0	-2	0.1	0	-0.1	-0.41	-0.44	0	0	0	0	0	0
2/7/2024 14:42	60803 BUCK_T1	0	0	0	0	0	0	-0.54	-0.55	0	0	0	0	0	0
2/7/2024 14:42	16301 ALPA_T1	31	24	-7	0.15	0.16	0.01	-0.42	-0.41	0	0	0	0	0	0
2/7/2024 14:42	10805 CHHI_T2	1	1	0	7	7.1	0.1	-0.3	-0.32	0	0	0	0	0	0
2/7/2024 14:43	40101 HUNT_T2	2	0	-2	0.1	0	-0.1	-0.82	-0.88	0	0	0	0	0	0
2/7/2024 14:43	53901 HALI_T2	1	1	0	0.7	0.3	-0.4	0	0	0	0	0	0	0	0
2/7/2024 14:43	67401 WAKE_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/7/2024 14:43	62605 ENGL_T1	1	1	0	0.4	0.2	-0.2	0	0	0	0	0	0	0	0
2/7/2024 14:43	47901 HRDG_T1	0	0	0	0	0	0	1.36	1.28	0	0	0	0	0	0
2/7/2024 14:43	67502 WEWI_T2	3	2	-1	0.47	0.45	-0.02	0	0	0	0	0	0	0	0
2/7/2024 14:43	16301 ALPA_T1	31	24	-7	0.15	0.16	0.01	-0.42	-0.41	0	0	0	0	0	0
2/7/2024 14:43	60803 BUCK_T1	0	0	0	0	0	0	-0.54	-0.55	0	0	0	0	0	0
2/7/2024 14:44	62605 ENGL_T1	1	1	0	0.4	0.2	-0.2	0	0	0	0	0	0	0	0
2/7/2024 14:44	53901 HALI_T2	1	1	0	0.7	0.3	-0.4	0	0	0	0	0	0	0	0
2/7/2024 14:44	65002 NEFF_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/7/2024 14:44	47901 HRDG_T1	0	0	0	0	0	0	1.36	1.28	0	0	0	0	0	0
2/7/2024 14:45	13502 MCMI_T1	2	9	7	0.4	0.18	-0.22	0	0	0	0	0	0	0	0
2/7/2024 14:45	43001 ALWD_T1	4	13	9	0.45	0.24	-0.21	0	0	0	0	0	0	0	0
2/7/2024 14:46	65005 NEFF_T2	1	1	0	0.3	0.4	0.1	0	0	0	0	0	0	0	0
2/7/2024 14:46	64801 MONE_T2	204	225	21	0.37	0.38	0.01	0	0	0	0	0	0	0	0
2/7/2024 14:46	16406 MOPO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/7/2024 14:47	53902 HALI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/7/2024 14:47	42401 GIMA_T1	1	6	5	0.1	0.12	0.02	0	0	0	0	0	0	0	0
2/7/2024 14:47	44703 MUNC_T2	3	3	0	1.17	1.37	0.2	0	0	0	0	0	0	0	0
2/7/2024 14:47	58401 MORO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/7/2024 14:50	43301 WATS_T2	0	1	1	0	0.6	0.6	0	0	0	0	0	0	0	0
2/7/2024 14:50	41901 REED_T1	11	11	0	0.56	0.92	0.36	0	0	0	0	0	0	0	0
2/7/2024 14:50	64801 MONE_T2	204	225	21	0.37	0.38	0.01	-0.39	-0.38	0	0	0	0	0	0
2/7/2024 14:51	43301 WATS_T2	0	1	1	0	0.6	0.6	0	0	0	0	0	0	0	0
2/7/2024 14:51	42601 TUSC_T1	0	0	0	0	0	0	-0.08	-0.1	0	0	0	0	0	0
2/7/2024 14:51	59102 WALK_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/7/2024 14:52	43304 WATS_T2	0	0	0	0	0	0	-0.46	-0.49	0	0	0	0	0	0
2/7/2024 14:52	40201 BEGA_T2	1	6	5	0.1	0.25	0.15	0	0	0	0	0	0	0	0
2/7/2024 14:52	41902 REED_T1	0	0	0	0	0	0	1.17	1.16	0	0	0	0	0	0
2/7/2024 14:53	13302 ORVI_T2	2	2	0	0.9	0.5	-0.4	0.9	1	0	0	0	0	0	0
2/7/2024 14:53	15001 BLMO_T1	6	13	7	0.17	0.24	0.07	0	0	0	0	0	0	0	0
2/7/2024 14:53	43301 WATS_T2	0	1	1	0	0.6	0.6	0	0	0	0	0	0	0	0
2/7/2024 14:53	40201 BEGA_T2	1	6	5	0.1	0.25	0.15	0	0	0	0	0	0	0	0
2/7/2024 14:54	43303 WATS_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/7/2024 14:54	67402 WAKE_T2	0	0	0	0	0	0	0.21	0.26	0	0	0	0	0	0
2/7/2024 14:54	15001 BLMO_T1	6	13	7	0.17	0.24	0.07	0	0	0	0	0	0	0	0
2/7/2024 14:54	45402 WILD_T2	35	71	36	0.26	0.38	0.12	-0.73	-0.77	0	0	0	0	0	0
2/7/2024 14:56	40201 BEGA_T2	1	6	5	0.1	0.25	0.15	0	0	0	0

2/7/2024 15:12	44301 BEAV_T2	0	0	0	0	0	0	0.14	-0.21	0	0	0	0	0	0
2/7/2024 15:12	23902 EFMO_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/7/2024 15:15	26402 INOR_T1	19	70	51	0.22	0.22	0	0	0	0	0	0	0	0	0
2/7/2024 15:15	67401 WAKE_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/7/2024 15:19	54204 PENN_T2	1	0	-1	0.1	0	-0.1	0	0	0	0	0	0	0	0
2/7/2024 15:19	42001 MNVL_T2	1	2	1	0.1	0.15	0.05	-0.05	0.04	0	0	0	0	0	0
2/7/2024 15:19	46001 BERW_T1	0	0	0	0	0	0	1.92	1.81	0	0	0	0	0	0
2/7/2024 15:20	60605 NCOL_T2	1	0	-1	0.2	0	-0.2	0	0	0	0	0	0	0	0
2/7/2024 15:20	46001 BERW_T1	0	0	0	0	0	0	1.92	1.81	0	0	0	0	0	0
2/7/2024 15:20	67402 WAKE_T2	0	0	0	0	0	0	0.26	0.18	0	0	0	0	0	0
2/7/2024 15:21	60604 NCOL_T2	0	0	0	0	0	0	0.24	0.23	0	0	0	0	0	0
2/7/2024 15:22	43001 ALWD_T1	13	13	0	0.23	0.18	-0.05	0	0	0	0	0	0	0	0
2/7/2024 15:23	56801 BENV_T1	43	38	-5	0.87	0.88	0.01	-0.85	-0.84	0	0	0	0	0	0
2/7/2024 15:24	60102 COCA_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/7/2024 15:25	67401 WAKE_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/7/2024 15:25	42701 AUGU_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/7/2024 15:26	42701 AUGU_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/7/2024 15:26	61303 EARL_T1	0	0	0	0	0	0	0.4	0.44	0	0	0	0	0	0
2/7/2024 15:27	60101 COCA_T1	0	0	0	0	0	0	0.23	0.33	0	0	0	0	0	0
2/7/2024 15:27	43001 ALWD_T1	13	13	0	0.23	0.18	-0.05	0	0	0	0	0	0	0	0
2/7/2024 15:27	56803 BENV_T1	3	1	-2	0.57	0.3	-0.27	0	0	0	0	0	0	0	0
2/7/2024 15:28	46802 HEPB_T1	53	3	-50	0.27	0.8	0.53	-1.3	-0.3	0	0	0	0	0	0
2/7/2024 15:29	64201 KINZ_T1	0	0	0	0	0	0	-0.23	-0.48	0	0	0	0	0	0
2/7/2024 15:30	26401 INOR_T1	1	41	40	0.2	0.17	-0.03	0.58	0.26	0	0	0	0	0	0
2/7/2024 15:31	59302 MCAL_T1	0	0	0	0	0	0	-0.31	-0.35	0	0	0	0	0	0
2/7/2024 15:35	59002 MIFF_T1	5	5	0	0.24	0.2	-0.04	0	0	0	0	0	0	0	0
2/7/2024 15:36	47401 PENS_T1	1	1	0	0.5	0.4	-0.1	0.41	0.62	0	0	0	0	0	0
2/7/2024 15:36	67402 WAKE_T2	0	0	0	0	0	0	0.18	0.21	0	0	0	0	0	0
2/7/2024 15:37	67902 WNHO_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/7/2024 15:37	47403 PENS_T1	1	0	-1	0.3	0	-0.3	0	0	0	0	0	0	0	0
2/7/2024 15:38	43001 ALWD_T1	9	12	3	0.14	0.17	0.03	0	0	0	0	0	0	0	0
2/7/2024 15:38	43401 BENT_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/7/2024 15:39	43401 BENT_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/7/2024 15:41	67402 WAKE_T2	0	0	0	0	0	0	0.21	0.21	0	0	0	0	0	0
2/7/2024 15:41	53602 DALM_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/7/2024 15:42	65002 NEFF_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/7/2024 15:42	53602 DALM_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/7/2024 15:43	17802 GILB_T1	0	0	0	0	0	0	0.14	0.12	0	0	0	0	0	0
2/7/2024 15:43	17803 GILB_T2	8	8	0	0.15	0.21	0.06	0	0	0	0	0	0	0	0
2/7/2024 15:43	43001 ALWD_T1	9	12	3	0.14	0.17	0.03	0	0	0	0	0	0	0	0
2/7/2024 15:45	25503 MADI_T1	3	0	-3	0.13	0	-0.13	-1.02	-1.06	0	0	0	0	0	0
2/7/2024 15:45	17804 GILB_T2	1	0	-1	0.4	0	-0.4	0	0	0	0	0	0	0	0
2/7/2024 15:46	17805 GILB_T2	1	0	-1	0.2	0	-0.2	-0.03	-0.07	0	0	0	0	0	0
2/7/2024 15:49	43106 SMIL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/7/2024 15:52	67401 WAKE_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/7/2024 15:53	43001 ALWD_T1	12	7	-5	0.17	0.17	0	0	0	0	0	0	0	0	0
2/7/2024 15:53	64101 REFR_T1	1	0	-1	0.8	0	-0.8	-0.09	-0.09	0	0	0	0	0	0
2/7/2024 15:56	29402 BELT_T1	304	71	-233	0.64	0.31	-0.33	0	0	0	0	0	0	0	0
2/7/2024 15:57	67402 WAKE_T2	0	0	0	0	0	0	0.21	0.2	0	0	0	0	0	0
2/7/2024 15:59	43001 ALWD_T1	12	7	-5	0.17	0.17	0	0	0	0	0	0	0	0	0
2/7/2024 16:04	52006 LING_T2	3	3	0	0.83	0.97	0.14	0	0	0	0	0	0	0	0
2/7/2024 16:07	67401 WAKE_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/7/2024 16:08	40502 CRES_T2	0	21	21	0	0.3	0.3	-0.04	0	0	0	0	0	0	0
2/7/2024 16:11	41501 FAIR_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/7/2024 16:12	40501 CRES_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/7/2024 16:12	40101 HUNT_T2	1	0	-1	0.2	0	-0.2	-0.71	-0.75	0	0	0	0	0	0
2/7/2024 16:13	67401 WAKE_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/7/2024 16:17	40101 HUNT_T2	0	2	2	0	0	0	-0.71	-0.75	0	0	0	0	0	0
2/7/2024 16:19	13302 ORVI_T2	51	89	38	0.2	0.19	-0.01	0.96	0.92	0	0	0	0	0	0
2/7/2024 16:20	40101 HUNT_T2	0	2	2	0	0	0	-0.71	-0.75	0	0	0	0	0	0
2/7/2024 16:26	44302 BEAV_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/7/2024 16:30	26401 INOR_T1	1	5	4	0.2	0.16	-0.04	0.45	0.46	0	0	0	0	0	0
2/7/2024 16:39	67402 WAKE_T2	0	0	0	0	0	0	0.23	0.24	0	0	0	0	0	0
2/7/2024 16:44	67402 WAKE_T2	0	0	0	0	0	0	0.23	0.24	0	0	0	0	0	0
2/7/2024 16:50	65003 NEFF_T2	4	5	1	0.28	0.24	-0.04	0	0	0	0	0	0	0	0
2/7/2024 16:55	67402 WAKE_T2	0	0	0	0	0	0	0.24	0.24	0	0	0	0	0	0
2/7/2024 17:00	67401 WAKE_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/7/2024 17:05	67402 WAKE_T2	0	0	0	0	0	0	0.24	0.24	0	0	0	0	0	0
2/7/2024 17:10	67401 WAKE_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/7/2024 17:16	40101 HUNT_T2	25	308	283	0.55	0.42	-0.13	-0.73	-0.73	0	0	0	0	0	0
2/7/2024 17:21	65003 NEFF_T2	5	0	-5	0.24	0	-0.24	0	0	0	0	0	0	0	0
2/7/2024 17:38	49803 UNIV_T1	0	0	0	0	0	0	-1.12	-1.13	0	0	0	0	0	0
2/7/2024 18:09	49803 UNIV_T1	0	0	0	0	0	0	-1.1	-1.04	0	0	0	0	0	0
2/7/2024 18:24	59202 THOM_T1	1	0	-1	0.4	0	-0.4	0	0	0	0	0	0	0	0
2/7/2024 18:35	65005 NEFF_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/7/2024 18:45	65002 NEFF_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/7/2024 18:45	67001 STHI_T2	1	1	0	0.4	0.5	0.1	0	0	0	0	0	0	0	0
2/7/2024 19:01	44302 BEAV_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/7/2024 19:23	41504 FAIR_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/7/2024 19:23	26402 INOR_T1	1	0	-1	0.1	0	-0.1	0	0	0	0	0	0	0	0
2/7/2024 19:24	62602 ENGL_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/7/2024 19:24	17002 RIRO_T2	0	0	0	0	0	0	0.46	0.4	0	0	0	0	0	0
2/7/2024 19:26	26401 INOR_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/7/2024 19:27	12704 MACU_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/7/2024 19:27	16301 ALPA_T1	1	1	0	0.1	0.1	0	-0.36	-0.38	0	0	0	0	0	0
2/7/2024 19:28	61302 EARL_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/7/2024 19:28	13502 MCMI_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/7/2024 19:28	62605 ENGL_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/7/2024 19:28	28803 LAKE_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/7/2024 19:28	16102 BING_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/7/2024 19:28	15704 TANN_T1	0	0	0	0	0	0	-1.06	-1.09	0	0	0	0	0	0
2/7/2024 19:29	17802 GILB_T1	0	0	0	0	0	0	-0.02	-0.02	0	0	0	0	0	0
2/7/2024 19:30	13302 ORVI_T2	8	8	0	0.15	0.14	-0.01	1.1	1.09	0	0	0	0	0	0
2/7/2024 19:30	29401 BELT_T1	16	47	31	0.14	0.27	0.13	0	0	0	0	0	0	0	0
2/7/2024 19:31	29401 BELT_T1	16	47	31	0.14	0.27	0.13	0	0	0	0	0	0	0	0
2/7/2024 19:31	13903 SEID_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/7/2024 19:31	47002 HUGH_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/7/2024 19:31	46501 LOHA_T1	0	1	1	0	0	0	-0.02	-0.05	0	0	0	0	0	0
2/7/2024 19:31	16301 ALPA_T1	1	1	0	0.1	0.1	0	-0.36	-0.38	0	0	0	0	0	0
2/7/2024 19:32	46005 BERW_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/7/2024 19:32	63601 LETO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/7/2024 19:32	26401 INOR_T1	0	0	0	0	0	0	0.3	0.34	0	0	0	0	0	0
2/7/2024 19:32	16301 ALPA_T1	1	1	0	0.1	0.1	0	-0.36	-0.38	0	0	0	0	0	0
2/7/2024 19:32	46302 ROHR_T1	4	5	1	1.6	1.63	0.03	0.22	0.22	0	0	0	0	0	0
2/7/2024 19:32	25503 MADI_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/7/2024 19:32	67603 WARW_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/7/2024 19:32	26402 INOR_T1	0	0	0	0	0	0	-1.07	-1.09	0	0	0	0	0	0
2/7/2024 19:32	27502 WEIS_T2	0	0	0	0	0	0	-1	-1.14	0	0	0	0	0	0
2/7/2024 19:32	17803 GILB_T2	0	1	1	0	0	0	0	0	0	0	0	0	0	0
2/7/2024 19:32	61103 BERK_T5	0	0	0	0	0	0	0.04	0.08	0	0	0	0	0	0
2/7/2024 19:32	67503 WEWI_T2	0	0	0	0	0	0	0.02	-0.06	0	0	0	0	0	0
2/7/2024 19:32	24901 WHHA_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/7/2024 19:32	60701 BREC_T1	0	0	0	0	0	0	-0.5	-0.5	0	0	0	0	0	0
2/7/2024 19:32	40101 HUNT_T2	37	126	89	0.39	0.45	0.06	-0.76	-0.75	0	0	0	0	0	0
2/7/2024 19:32	25404 LAHA_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/7/2024 19:33	67503 WEWI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/7/2024 19:33	67002 STHI_T2	0	0	0	0	0	0	1.12	1.16	0	0	0	0	0	0
2/7/2024 19:33	47002 HUGH_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/7/2024 19:33	42204 SHEN_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/7/2024 19:33	29402 BELT_T1	1	1	0	9	9.4	0.4	0	0	0	0	0	0	0	0
2/7/2024 19:33	23902 EFMO_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/7/2024 19:33	64203 KINZ_T1	0	0	0	0	0	0	-0.42	-0.39	0	0	0	0	0	0
2/7/2024 19:33	14401 SSLA_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/7/2024 19:33	13503 MCMI_T2	2	2	0	0.55	0.1	-0.45	0.16	0.16	0	0	0	0	0	0
2/7/2024 19:33	64702 LITI_T2	0	0	0	0	0	0	-0.6	-0.75	0	0	0	0	0	0
2/7/2024 19:33	13302 ORVI_T2	8	8	0	0.15	0.14	-0.01	1.1	1.09	0	0	0	0	0	0
2/7/2024 19:33	16302 ALPA_T2	0	0	0	0	0	0	0.67	0.65	0	0	0	0	0	0
2/7/2024 19:33	49803 UNIV_T1	0	0	0	0	0	0	-1.04	-1.07	0	0	0	0	0	0
2/7/2024 19:33	60801 BUCK_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/7/2024 19:33	65005 NEFF_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/7/2024 19:33	16401 MOPO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/7/2024 19:33	67001 STHI_T2	1	1	0	0.4	0.4	0	0.1	0.09	0	0	0	0	0	0
2/7/2024 19:34	60201 ATGL_T2	0	0	0	0	0	0	0.19	0.2	0	0	0	0	0	0
2/7/2024 19:34	54506 ENOL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/7/2024 19:34	12704 MACU_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/7/2024 19:34	15001 BLMO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/7/2024 19:34	13701 SCHN_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/7/2024 19:34	13502 MCMI_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/7/2024 19:34	61101 BERK_T5	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/7/2024 19:34	64204 KINZ_T1	1	1	0	0.9	0.9	0	0	0	0	0	0	0	0	0
2/7/2024 19:34	60102 COCA_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/7/2024 19:34	16302 ALPA_T2	0	0	0	0	0	0	1.34	1.31	0	0	0	0	0	0
2/7/2024 19:34	25801 SUTR_T2	0	0	0	0	0	0	0.03	0	0	0	0	0	0	0
2/7/2024 19:34	64702 LITI_T2	0	0	0	0	0	0	-0.6	-0.75	0	0	0	0	0	0
2/7/2024 19:34	13302 ORVI_T2	8	8	0	0.15	0.14	-0.01	1.1	1.09	0	0	0	0	0	0
2/7/2024 19:35	66503 SMAN_T2	7	113	106	0.17	0.16	-0.01	0	0	0	0	0	0	0	0
2/7/2024 19:35	16302 ALPA_T2	0	0	0	0	0	0	0.67	0.65	0	0	0	0	0	0
2/7/2024 19:35	41802 GOCI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/7/2024 19:35	45501 DERR_T2	0	1	1	0	0.4	0.4	0.84	0.89	0	0	0	0	0	0
2/7/2024 19:35	67502 WEWI_T2	0	0	0	0	0	0	-1.37	-1.44	0	0	0	0	0	0
2/7/2024 19:36	47402 PENS_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/7/2024 19:36	52004 LING_T2	1	1	0	0.9	0.8	-0.1	0.32	0.29	0	0	0	0	0	0
2/7/2024 19:36	46101 MACI_T2	0	0	0	0	0	0	-0.59	-0.59	0	0	0	0	0	0
2/7/2024 19:36	52502 PROG_T2	0	0	0	0	0	0	-0.57	-0.58	0	0	0	0	0	0
2/7/2024 19:36	42801 SELI_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/7/2024 19:36	44301 BEAV_T2	0	0	0	0	0	0	-0.3	-0.3	0	0	0	0	0	0
2/7/2024 19:36	54505 ENOL_T2	1	1	0	0.5	0.6	0.1	-1.22	-1.2	0	0	0	0	0	0
2/7/2024 19:36	17803 GILB_T2	0	1	1	0	0	0	0	0	0	0	0	0	0	0
2/7/2024 19:36	64703 LITI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/7/2024 19:36	23902 EFMO_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/7/2024 19:36	14802 TREI_T2	0	1	1	0	0.2	0.2	0	0	0	0	0	0	0	0
2/7/2024 19:36	60201 ATGL_T2	0	0	0	0	0	0	0.19	0.2	0	0	0	0	0	0
2/7/2024 19:36	60701 BREC_T1	0	0	0	0	0	0	-0.5	-0.5	0	0	0	0	0	0
2/7/2024 19:37	60803 BUCK_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/7/2024 19:37	42401 GIMA_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/7/2024 19:37	28604 BLYT_T2	0	0	0	0	0	0	-1.49	-1.49	0	0	0	0	0	0
2/7/2024 19:37	10704 CATA_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/7/2024 19:37	46202 DANV_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/7/2024 19:37	46002 BERW_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/7/2024 19:37	43201 MVIL_T2	0	0	0	0	0	0	-0.37	-0.36	0	0	0	0	0	0
2/7/2024 19:37	57401 SPAN_T1	0	0	0	0	0	0	-1.54	-1.46	0	0	0	0	0	0
2/7/2024 19:37	63601 LETO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/7/2024 19:37	46301 ROHR_T1	22	34	12	0.15	0.15	0	0.23	0.25	0	0	0	0	0	0
2/7/2024 19:37	67502 WEWI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/7/2024 19:37	43108 SMIL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/7/2024 19:37	40603 PIGR_T1	0	0	0	0	0	0	0.41	0.37	0	0	0	0	0	0
2/7/2024 19:37	20401 ASHF_T2	1	1	0	0.3	0	-0.3	0	0	0	0	0	0	0	0
2/7/2024 19:37	51302 WIND_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/7/2024 19:37	43302 WATS_T2	3	4	1	0.17	0.35	0.18	0	0	0	0	0	0	0	0
2/7/2024 19:37	57403 SPAN_T1	0	0	0	0	0	0	0.08	0.06	0	0	0	0	0	0
2/7/2024 19:37	56504 ROCK_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/7/2024 19:37	53502 EVIL_T2	1	0	-1	0.5	0	-0.5	0	0	0	0	0	0	0	0
2/7/2024 19:37	59102 WALK_T2	0	0	0	0	0	0	0	0	0	0	0	0

Appendix C - Grid Benefits Achieved in Each Instance of Active Management

2/7/2024 19:38	47401 PENS_T1	0	0	0	0	0	0	1.39	1.33	0	0	0	0	0	0
2/7/2024 19:38	16301 ALPA_T1	1	1	0	0.1	0.1	0	-0.36	-0.38	0	0	0	0	0	0
2/7/2024 19:38	60701 BREC_T1	0	0	0	0	0	0	-1	-1	0	0	0	0	0	0
2/7/2024 19:38	15001 BLMO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/7/2024 19:38	56802 BENV_T2	0	0	0	0	0	0	-1.33	-1.34	0	0	0	0	0	0
2/7/2024 19:39	42802 SELI_T1	0	0	0	0	0	0	-1.95	-1.91	0	0	0	0	0	0
2/7/2024 19:39	40602 PIGR_T1	3	2	-1	0.63	0	-0.63	-0.56	-0.57	0	0	0	0	0	0
2/7/2024 19:39	67502 WEWI_T2	0	0	0	0	0	0	-4.31	-4.12	0	0	0	0	0	0
2/7/2024 19:39	44905 SCOT_T1	0	2	2	0	0	0	0	0	0	0	0	0	0	0
2/7/2024 19:39	28803 LAKE_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/7/2024 19:39	59102 WALK_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/7/2024 19:39	43304 WATS_T2	1	3	2	0.4	0.2	-0.2	-0.79	-0.81	0	0	0	0	0	0
2/7/2024 19:39	17804 GILB_T2	0	0	0	0	0	0	-0.51	-0.51	0	0	0	0	0	0
2/7/2024 19:39	57304 MOAL_T2	0	0	0	0	0	0	-0.33	-0.29	0	0	0	0	0	0
2/7/2024 19:39	62606 ENGL_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/7/2024 19:39	45701 LIND_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/7/2024 19:39	16301 ALPA_T1	1	1	0	0.1	0.1	0	-0.38	-0.35	0	0	0	0	0	0
2/7/2024 19:39	56503 ROCK_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/7/2024 19:39	65004 NEFF_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/7/2024 19:39	67204 TEHI_T2	0	0	0	0	0	0	0.14	0.14	0	0	0	0	0	0
2/7/2024 19:39	61303 EARL_T1	0	0	0	0	0	0	0.21	0.29	0	0	0	0	0	0
2/7/2024 19:39	46003 BERW_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/7/2024 19:39	12704 MACU_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/7/2024 19:39	60801 BUCK_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/7/2024 19:39	67503 WEWI_T2	0	0	0	0	0	0	-0.06	0.03	0	0	0	0	0	0
2/7/2024 19:39	47402 PENS_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/7/2024 19:39	60101 COCA_T1	0	0	0	0	0	0	0.31	0.37	0	0	0	0	0	0
2/7/2024 19:39	53902 HALI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/7/2024 19:39	16302 ALPA_T2	0	0	0	0	0	0	0.65	0.67	0	0	0	0	0	0
2/7/2024 19:39	23902 EFMO_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/7/2024 19:39	67605 WARW_T1	4	1	-3	0.2	0.1	-0.1	-0.96	-1.16	0	0	0	0	0	0
2/7/2024 19:39	67002 STHI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/7/2024 19:39	56504 ROCK_T2	0	0	0	0	0	0	-0.03	-0.01	0	0	0	0	0	0
2/7/2024 19:39	55001 NEWP_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/7/2024 19:39	60602 NCOL_T2	2	0	-2	0.4	0	-0.4	0	0	0	0	0	0	0	0
2/7/2024 19:39	10805 CHHI_T2	10	12	2	2.3	1.58	-0.72	-0.5	-0.29	0	0	0	0	0	0
2/7/2024 19:39	43401 BENT_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/7/2024 19:39	44301 BEAV_T2	0	0	0	0	0	0	-0.3	-0.17	0	0	0	0	0	0
2/7/2024 19:39	61103 BERK_T5	0	0	0	0	0	0	0.16	0.07	0	0	0	0	0	0
2/7/2024 19:39	42701 AUGU_T1	1	1	0	0.5	0.4	-0.1	0	0	0	0	0	0	0	0
2/7/2024 19:39	13302 ORVI_T2	8	8	0	0.15	0.14	-0.01	2.18	2.18	0	0	0	0	0	0
2/7/2024 19:39	64802 MONE_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/7/2024 19:39	56802 BENV_T2	0	0	0	0	0	0	-4.02	-3.81	0	0	0	0	0	0
2/7/2024 19:40	64101 REFR_T1	0	0	0	0	0	0	-0.02	-0.04	0	0	0	0	0	0
2/7/2024 19:40	56503 ROCK_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/7/2024 19:40	60102 COCA_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/7/2024 19:40	64303 LINC_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/7/2024 19:40	56802 BENV_T2	0	0	0	0	0	0	-2.68	-2.54	0	0	0	0	0	0
2/7/2024 19:40	53502 EVIL_T2	1	0	-1	0.5	0	-0.5	0	0	0	0	0	0	0	0
2/7/2024 19:40	54205 PENN_T1	19	19	0	0.1	0.12	0.02	0	0	0	0	0	0	0	0
2/7/2024 19:40	46301 ROHR_T1	22	34	12	0.15	0.15	0	0.25	0.25	0	0	0	0	0	0
2/7/2024 19:40	55001 NEWP_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/7/2024 19:40	61801 EELI_T2	0	0	0	0	0	0	-2.04	-2.06	0	0	0	0	0	0
2/7/2024 19:40	13704 SCHN_T2	0	0	0	0	0	0	-0.26	-0.21	0	0	0	0	0	0
2/7/2024 19:40	46301 ROHR_T1	22	34	12	0.15	0.15	0	0.25	0.25	0	0	0	0	0	0
2/7/2024 19:40	42601 TUSC_T1	1	0	-1	0.1	0	-0.1	-0.19	-0.11	0	0	0	0	0	0
2/7/2024 19:40	10801 CHHI_T1	0	0	0	0	0	0	-0.85	-0.78	0	0	0	0	0	0
2/7/2024 19:40	40201 BEGA_T2	2	6	4	1.65	0.95	-0.7	0	0	0	0	0	0	0	0
2/7/2024 19:40	57401 SPAN_T1	0	0	0	0	0	0	-0.73	-0.71	0	0	0	0	0	0
2/7/2024 19:41	43201 MVIL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/7/2024 19:41	46004 BERW_T2	0	2	2	0	0	0	-0.44	-0.44	0	0	0	0	0	0
2/7/2024 19:41	46001 BERW_T1	0	0	0	0	0	0	0.69	0.7	0	0	0	0	0	0
2/7/2024 19:41	44302 BEAV_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/7/2024 19:41	54501 ENOL_T2	0	0	0	0	0	0	0.12	0.12	0	0	0	0	0	0
2/7/2024 19:41	54506 ENOL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/7/2024 19:41	42204 SHEN_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/7/2024 19:41	57401 SPAN_T1	0	0	0	0	0	0	-0.73	-0.71	0	0	0	0	0	0
2/7/2024 19:41	10805 CHHI_T2	10	12	2	2.3	1.58	-0.72	-0.25	-0.14	0	0	0	0	0	0
2/7/2024 19:41	56801 BENV_T1	10	9	-1	0.38	0.43	0.05	-0.65	-0.65	0	0	0	0	0	0
2/7/2024 19:41	64101 REFR_T1	0	0	0	0	0	0	-0.02	-0.04	0	0	0	0	0	0
2/7/2024 19:41	56802 BENV_T2	0	0	0	0	0	0	-1.34	-1.27	0	0	0	0	0	0
2/7/2024 19:41	13701 SCHN_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/7/2024 19:41	40201 BEGA_T2	2	6	4	1.65	0.95	-0.7	0	0	0	0	0	0	0	0
2/7/2024 19:42	46001 BERW_T1	0	0	0	0	0	0	0.69	0.7	0	0	0	0	0	0
2/7/2024 19:42	67002 STHI_T2	0	0	0	0	0	0	0.58	0.6	0	0	0	0	0	0
2/7/2024 19:42	46201 DANV_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/7/2024 19:42	54505 ENOL_T2	1	1	0	0.5	0.6	0.1	-1.2	-1.22	0	0	0	0	0	0
2/7/2024 19:42	15001 BLMO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/7/2024 19:42	45502 DERR_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/7/2024 19:42	42701 AUGU_T1	1	1	0	0.5	0.4	-0.1	0	0	0	0	0	0	0	0
2/7/2024 19:42	51102 CARL_T1	42	70	28	0.2	0.22	0.02	0	0	0	0	0	0	0	0
2/7/2024 19:42	54505 ENOL_T2	1	1	0	0.5	0.6	0.1	-1.2	-1.22	0	0	0	0	0	0
2/7/2024 19:42	40902 JESH_T1	0	0	0	0	0	0	-0.7	-0.73	0	0	0	0	0	0
2/7/2024 19:42	67002 STHI_T2	0	0	0	0	0	0	0.58	0.6	0	0	0	0	0	0
2/7/2024 19:42	54506 ENOL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/7/2024 19:42	56503 ROCK_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/7/2024 19:42	60101 COCA_T1	0	0	0	0	0	0	0.31	0.37	0	0	0	0	0	0
2/7/2024 19:42	54503 ENOL_T2	0	0	0	0	0	0	-2.16	-2.21	0	0	0	0	0	0
2/7/2024 19:42	64101 REFR_T1	0	0	0	0	0	0	-0.02	-0.04	0	0	0	0	0	0
2/7/2024 19:42	60803 BUCK_T1	0	0	0	0	0	0	-1.16	-1.18	0	0	0	0	0	0
2/7/2024 19:42	43108 SMIL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/7/2024 19:42	54204 PENN_T2	2	2	0	0.15	0.3	0.15	0	0	0	0	0	0	0	0
2/7/2024 19:42	40502 CRES_T2	1	9	8	0.1	0.2	0.1	0.21	-0.71	0	0	0	0	0	0
2/7/2024 19:42	62604 ENGL_T1	0	0	0	0	0	0	-0.87	-0.63	0	0	0	0	0	0
2/7/2024 19:42	64305 LINC_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/7/2024 19:42	47402 PENS_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/7/2024 19:42	43302 WATS_T2	3	4	1	0.17	0.35	0.18	0	0	0	0	0	0	0	0
2/7/2024 19:42	52502 PROG_T2	0	0	0	0	0	0	-0.58	-0.53	0	0	0	0	0	0
2/7/2024 19:42	67503 WEWI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/7/2024 19:42	53602 DALM_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/7/2024 19:42	43202 MVIL_T2	0	4	4	0	0.15	0.15	-1.26	-1.26	0	0	0	0	0	0
2/7/2024 19:42	44703 MUNC_T2	3	3	0	0.13	0.17	0.04	0	0	0	0	0	0	0	0
2/7/2024 19:42	58402 MORO_T1	0	0	0	0	0	0	-0.05	-0.09	0	0	0	0	0	0
2/7/2024 19:42	43304 WATS_T2	1	3	2	0.4	0.2	-0.2	-0.79	-0.81	0	0	0	0	0	0
2/7/2024 19:42	56503 ROCK_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/7/2024 19:42	47901 HRDG_T1	0	0	0	0	0	0	1.73	1.84	0	0	0	0	0	0
2/7/2024 19:42	16301 ALPA_T1	1	1	0	0.1	0.1	0	-0.38	-0.35	0	0	0	0	0	0
2/7/2024 19:42	56802 BENV_T2	0	0	0	0	0	0	-1.34	-1.27	0	0	0	0	0	0
2/7/2024 19:43	56802 BENV_T2	0	0	0	0	0	0	-1.34	-1.27	0	0	0	0	0	0
2/7/2024 19:43	64101 REFR_T1	0	0	0	0	0	0	-0.02	-0.04	0	0	0	0	0	0
2/7/2024 19:43	53801 MBRG_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/7/2024 19:43	20402 ASHF_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/7/2024 19:43	47402 PENS_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/7/2024 19:43	60602 NCOL_T2	2	0	-2	0.4	0	-0.4	0	0	0	0	0	0	0	0
2/7/2024 19:43	54503 ENOL_T2	0	0	0	0	0	0	-2.16	-2.21	0	0	0	0	0	0
2/7/2024 19:43	54505 ENOL_T2	1	1	0	0.5	0.6	0.1	-1.2	-1.22	0	0	0	0	0	0
2/7/2024 19:43	52503 PROG_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/7/2024 19:43	43101 SMIL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/7/2024 19:43	15001 BLMO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/7/2024 19:43	43001 ALWD_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/7/2024 19:43	56501 ROCK_T2	0	4	4	0	0.1	0.1	-4.2	-4.17	0	0	0	0	0	0
2/7/2024 19:43	64404 LAND_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/7/2024 19:43	43303 WATS_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/7/2024 19:43	51302 WIND_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/7/2024 19:43	67402 WAKE_T2	0	0	0	0	0	0	-0.37	-0.4	0	0	0	0	0	0
2/7/2024 19:43	53903 HALI_T2	2	2	0	1.4	1.3	-0.1	-0.25	-0.26	0	0	0	0	0	0
2/7/2024 19:43	67503 WEWI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/7/2024 19:43	55002 NEWP_T1	2	5	3	0.3	0.22	-0.08	-0.21	-0.24	0	0	0	0	0	0
2/7/2024 19:43	45402 WILO_T2	0	0	0	0	0	0	-1.25	-1.23	0	0	0	0	0	0
2/7/2024 19:43	52501 PROG_T1	0	0	0	0	0	0	0.32	0.34	0	0	0	0	0	0
2/7/2024 19:43	40602 PIGR_T1	3	2	-1	0.63	0	-0.63	-1.11	-1.14	0	0	0	0	0	0
2/7/2024 19:43	67604 WARW_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/7/2024 19:43	54204 PENN_T2	2	2	0	0.15	0.3	0.15	0	0	0	0	0	0	0	0
2/7/2024 19:43	46702 RENO_T1	16	24	8	0.13	0.14	0.01	-0.14	-0.14	0	0	0	0	0	0
2/7/2024 19:43	40101 HUNT_T2	37	126	89	0.39	0.45	0.06	-0.75	-0.74	0	0	0	0	0	0
2/7/2024 19:43	41802 GOCI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/7/2024 19:43	64801 MONE_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/7/2024 19:43	67203 TEHI_T1	0	0	0	0	0	0	2.36	2.39	0	0	0	0	0	0
2/7/2024 19:43	14401 SSLA_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/7/2024 19:43	42801 SELI_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/7/2024 19:43	67203 TEHI_T1	0	0	0	0	0	0	2.36	2.39	0	0	0	0	0	0
2/7/2024 19:43	46301 ROHR_T1	22	34	12	0.15	0.15	0	0	0	0	0	0	0	0	0
2/7/2024 19:43	60701 BREC_T1	0	0	0	0	0	0	-0.5	-0.51	0	0	0	0	0	0
2/7/2024 19:44	53602 DALM_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/7/2024 19:44	62605 ENGL_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/7/2024 19:44	67504 WEWI_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/7/2024 19:44	54501 ENOL_T2	0	0	0	0	0	0	0.12	0.12	0	0	0	0	0	0
2/7/2024 19:44	42802 SELI_T1	0	0	0	0	0	0	-1.95	-1.91	0	0	0	0	0	0
2/7/2024 19:44	54506 ENOL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/7/2024 19:44	43303 WATS_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/7/2024 19:44	43105 SMIL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/7/2024 19:44	55001 NEWP_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/7/2024 19:44	52002 LING_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/7/2024 19:44	67401 WAKE_T2	0	0	0	0	0	0	-1.2	-1.19	0	0	0	0	0	0
2/7/2024 19:44	67502 WEWI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/7/2024 19:44	54204 PENN_T2	2	2	0	0.15	0.3	0.15	0	0	0	0	0	0	0	0
2/7/2024 19:44	63803 HEMP_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/7/2024 19:44	40201 BEGA_T2	2	6	4	1.65	0.95	-0.7	0	0	0	0	0	0	0	0
2/7/2024 19:44	59001 MIFF_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/7/2024 19:44	57401 SPAN_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/7/2024 19:44	44301 BEAV_T2	0	0	0	0	0	0	-0.3	-0.17	0	0	0	0	0	0
2/7/2024 19:44	41901 REED_T1	7	8	1	0.34	0.36	0.02	0	0	0	0	0	0	0	0
2/7/2024 19:44	64101 REFR_T1	0	0	0	0	0	0	-0.02	-0.04	0	0	0	0	0	0
2/7/2024 19:44	53501 EVIL_T2	1	1	0	0.2	0.1	-0.1	-1.36	-1.29	0	0	0	0	0	0
2/7/2024 19:44	56802 BENV_T2	0	0	0	0	0	0	-2.68	-2.54	0	0	0	0	0	0
2/7/2024 19:45	55101 WERT_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/7/2024 19:45	46204 DANV_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/7/2024 19:45	51101 CARL_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/7/2024 19:45	56503 ROCK_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/7/2024 19:45	57403 SPAN_T1	0	0	0	0	0	0	0.12	0.22	0	0	0	0	0	0
2/7/2024 19:45	56801 BENV_T1	8	16	8	0.43	0.56	0.13	-0.65	-0.65	0	0	0	0	0	0
2/7/2024 19:45	57303 MOAL_T2	1	1	0	7.7	7.6	-0.1	0	0	0	0	0	0	0	0
2/7/2024 19:45	43304 WATS_T2	3	1	-2	0.5	0	-0.5	-0.4	-0.41	0	0	0	0	0	0
2/7/2024 19:45	58401 MORO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/7/2024 19:45	59101 WALK_T2	0	0	0	0	0	0	1.16	0.89	0	0	0	0	0	0
2/7/2024 19:45	56802 BENV_T2	0	1	1	0	0.1	0.1	-2.68	-2.54	0	0	0	0	0	0
2/7/2024 19:45	57401 SPAN_T1	0	1	1	0	0	0	-0.73	-0.71	0	0	0	0	0	0
2/7/2024 19:46	12704 MACU_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/7/2024 19:46	42203 SHEN_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/7/2024 19:46	56504 ROCK_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/7/2024 19:46	44301 BEAV_T2	0	0	0	0	0	0	-0.3	-0.17	0	0	0	0	0	0
2/7/2024 19:46	59101 WALK_T2	0	0	0	0	0	0	1.16	0.89	0	0	0	0	0	0
2/7/2024 19:46	56802 BENV_T2	0	1	1	0	0.1	0.1	-1.34	-1.27	0	0	0	0	0	0
2/7/2024 19

2/8/2024 1:19	65004 NEFF_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/8/2024 2:17	65005 NEFF_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/8/2024 2:33	65002 NEFF_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/8/2024 2:50	53901 HALI_T2	61	84	23	0.19	0.29	0.1	0	0	0	0	0	0	0	0
2/8/2024 3:57	65004 NEFF_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/8/2024 4:54	65001 NEFF_T2	0	0	0	0	0	0	-1.05	-1.01	0	0	0	0	0	0
2/8/2024 5:57	65005 NEFF_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/8/2024 5:57	59202 THOM_T1	1	0	-1	0.6	0	-0.6	0	0	0	0	0	0	0	0
2/8/2024 7:32	65005 NEFF_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/8/2024 7:53	43401 BENT_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/8/2024 7:54	43401 BENT_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/8/2024 7:56	45502 DERR_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/8/2024 8:02	46204 DANV_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/8/2024 8:02	42901 MIDD_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/8/2024 8:03	42903 MIDD_T2	29	22	-7	0.82	0.59	-0.23	2.73	2.36	0	0	0	0	0	0
2/8/2024 8:05	46206 DANV_T2	10	13	3	0.78	2.05	1.27	0	0	0	0	0	0	0	0
2/8/2024 8:13	45502 DERR_T2	0	1	1	0	0	0	0	0	0	0	0	0	0	0
2/8/2024 8:14	25402 LAHA_T2	0	0	0	0	0	0	-0.68	-0.65	0	0	0	0	0	0
2/8/2024 8:15	40101 HUNT_T2	525	429	-96	1.03	0.49	-0.54	-0.35	-0.67	0	0	0	0	0	0
2/8/2024 8:19	55001 NEWP_T1	0	1	1	0	0.2	0.2	0	0	0	0	0	0	0	0
2/8/2024 8:20	55001 NEWP_T1	0	1	1	0	0.2	0.2	0	0	0	0	0	0	0	0
2/8/2024 8:20	49804 UNIV_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/8/2024 8:30	65004 NEFF_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/8/2024 8:34	46202 DANV_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/8/2024 8:35	46201 DANV_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/8/2024 8:45	65005 NEFF_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/8/2024 9:00	53501 EVIL_T2	1	5	4	0.9	0.62	-0.28	-1.08	-1.13	0	0	0	0	0	0
2/8/2024 9:00	65002 NEFF_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/8/2024 9:00	46204 DANV_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/8/2024 9:00	42901 MIDD_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/8/2024 9:00	60801 BUCK_T1	0	0	0	0	0	0	-0.52	-0.57	0	0	0	0	0	0
2/8/2024 9:00	67401 WAKE_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/8/2024 9:00	24105 EHAZ_T1	4	4	0	5.35	5.38	0.03	-1.98	-1.97	0	0	0	0	0	0
2/8/2024 9:00	67502 WEWI_T2	0	1	1	0	0.1	0.1	0	0	0	0	0	0	0	0
2/8/2024 9:00	16101 BING_T2	47	56	9	0.33	0.34	0.01	-0.47	-0.49	0	0	0	0	0	0
2/8/2024 9:00	40501 CRES_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/8/2024 9:00	27503 WEIS_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/8/2024 9:00	46003 BERW_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/8/2024 9:00	43102 SMIL_T2	2	5	3	0.15	0.22	0.07	0	0	0	0	0	0	0	0
2/8/2024 9:00	59101 WALK_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/8/2024 9:00	43302 WATS_T2	0	1	1	0	0.1	0.1	0	0	0	0	0	0	0	0
2/8/2024 9:00	43001 ALWD_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/8/2024 9:00	53901 HALI_T2	111	156	45	0.45	0.72	0.27	0	0	0	0	0	0	0	0
2/8/2024 9:00	23401 HONE_T2	0	0	0	0	0	0	-0.17	-0.03	0	0	0	0	0	0
2/8/2024 9:00	43302 WATS_T2	0	1	1	0	0.1	0.1	0	0	0	0	0	0	0	0
2/8/2024 9:00	44201 POIN_T1	0	0	0	0	0	0	-1.18	-2.35	0	0	0	0	0	0
2/8/2024 9:00	45902 AUBU_T1	0	0	0	0	0	0	-0.48	-0.54	0	0	0	0	0	0
2/8/2024 9:00	42301 MOWR_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/8/2024 9:00	66301 MCGO_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/8/2024 9:00	42002 MNVL_T2	1	1	0	7.6	7.6	0	0	0	0	0	0	0	0	0
2/8/2024 9:00	40201 BEGA_T2	0	1	1	0	0.4	0.4	0	0	0	0	0	0	0	0
2/8/2024 9:01	54501 ENOL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/8/2024 9:02	55001 NEWP_T1	0	1	1	0	1	1	0	0	0	0	0	0	0	0
2/8/2024 9:02	67201 TEHI_T1	3	10	7	0.4	0.4	0	0.81	0.82	0	0	0	0	0	0
2/8/2024 9:06	15103 UPHA_T2	1	0	-1	0.2	0	-0.2	0	0	0	0	0	0	0	0
2/8/2024 9:06	47104 MARL_T1	0	1	1	0	0	0	0.6	0.57	0	0	0	0	0	0
2/8/2024 9:07	49803 UNIV_T1	0	1	1	0	0.5	0.5	-0.99	-0.99	0	0	0	0	0	0
2/8/2024 9:07	41903 REED_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/8/2024 9:07	67502 WEWI_T2	0	1	1	0	0.1	0.1	0	0	0	0	0	0	0	0
2/8/2024 9:08	58402 MORO_T1	0	0	0	0	0	0	-1.16	-1.72	0	0	0	0	0	0
2/8/2024 9:08	53902 HALI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/8/2024 9:08	45501 DERR_T2	2	0	-2	0.65	0	-0.65	0.8	0.79	0	0	0	0	0	0
2/8/2024 9:08	52004 LING_T2	0	0	0	0	0	0	0.32	0.29	0	0	0	0	0	0
2/8/2024 9:08	60102 COCA_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/8/2024 9:09	10801 CHHI_T1	0	1	1	0	0.4	0.4	-0.72	-0.68	0	0	0	0	0	0
2/8/2024 9:10	45501 DERR_T2	2	0	-2	0.65	0	-0.65	0.8	0.79	0	0	0	0	0	0
2/8/2024 9:10	54506 ENOL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/8/2024 9:10	10805 CHHI_T2	1	10	9	7.2	2.01	-5.19	0.09	-0.04	0	0	0	0	0	0
2/8/2024 9:10	56802 BENV_T2	2	20	18	0.45	0.22	-0.23	-2.42	-2.44	0	0	0	0	0	0
2/8/2024 9:11	41802 GOCI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/8/2024 9:11	54504 ENOL_T2	0	0	0	0	0	0	-1.06	-1.03	0	0	0	0	0	0
2/8/2024 9:12	54505 ENOL_T2	1	1	0	0.8	0.7	-0.1	0	0	0	0	0	0	0	0
2/8/2024 9:12	41802 GOCI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/8/2024 9:12	54501 ENOL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/8/2024 9:13	54505 ENOL_T2	1	1	0	0.8	0.7	-0.1	0	0	0	0	0	0	0	0
2/8/2024 9:16	47401 PENS_T1	3	19	16	0.5	0.29	-0.21	0.82	0.8	0	0	0	0	0	0
2/8/2024 9:17	47401 PENS_T1	3	19	16	0.5	0.29	-0.21	0.41	0.4	0	0	0	0	0	0
2/8/2024 9:19	51001 NHAR_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/8/2024 9:21	14401 SSLA_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/8/2024 9:22	14403 SSLA_T1	0	0	0	0	0	0	0.84	0.82	0	0	0	0	0	0
2/8/2024 9:22	28601 BLYT_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/8/2024 9:22	43401 BENT_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/8/2024 9:23	44302 BEAV_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/8/2024 9:24	29401 BELT_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/8/2024 9:24	43401 BENT_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/8/2024 9:25	44301 BEAV_T2	2	1	-1	0.2	0.2	0	0.02	0.27	0	0	0	0	0	0
2/8/2024 9:27	53901 HALI_T2	154	162	8	0.72	0.69	-0.03	-1.46	-1.44	0	0	0	0	0	0
2/8/2024 9:31	43202 MVIL_T2	15	28	13	0.16	0.18	0.02	-0.54	-0.54	0	0	0	0	0	0
2/8/2024 9:32	58402 MORO_T1	0	0	0	0	0	0	-0.87	-0.93	0	0	0	0	0	0
2/8/2024 9:33	56501 ROCK_T2	3	79	76	0.23	0.2	-0.03	-2.8	-2.97	0	0	0	0	0	0
2/8/2024 9:33	42001 MNVL_T2	2	0	-2	0.15	0	-0.15	0.07	0.03	0	0	0	0	0	0
2/8/2024 9:34	56503 ROCK_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/8/2024 9:35	43303 WATS_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/8/2024 9:35	56501 ROCK_T2	3	79	76	0.23	0.2	-0.03	-1.4	-1.48	0	0	0	0	0	0
2/8/2024 9:36	42201 SHEN_T2	1	0	-1	4.4	0	-4.4	0.05	0.03	0	0	0	0	0	0
2/8/2024 9:37	56501 ROCK_T2	3	79	76	0.23	0.2	-0.03	-2.8	-2.97	0	0	0	0	0	0
2/8/2024 9:37	43303 WATS_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/8/2024 9:37	56802 BENV_T2	17	103	86	0.24	0.25	0.01	-3.66	-3.6	0	0	0	0	0	0
2/8/2024 9:37	67002 STHI_T2	70	311	241	0.19	0.21	0.02	0.66	0.73	0	0	0	0	0	0
2/8/2024 9:38	67001 STHI_T2	211	529	318	0.15	0.25	0.1	0	0	0	0	0	0	0	0
2/8/2024 9:38	56802 BENV_T2	17	103	86	0.24	0.25	0.01	-1.22	-1.2	0	0	0	0	0	0
2/8/2024 9:38	56504 ROCK_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/8/2024 9:39	67001 STHI_T2	211	529	318	0.15	0.25	0.1	0	0	0	0	0	0	0	0
2/8/2024 9:39	56802 BENV_T2	17	103	86	0.24	0.25	0.01	-2.4	-2.5	0	0	0	0	0	0
2/8/2024 9:40	62604 ENGL_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/8/2024 9:40	56802 BENV_T2	17	103	86	0.24	0.25	0.01	-2.4	-2.5	0	0	0	0	0	0
2/8/2024 9:41	56802 BENV_T2	17	103	86	0.24	0.25	0.01	-1.2	-1.25	0	0	0	0	0	0
2/8/2024 9:42	56802 BENV_T2	17	103	86	0.24	0.25	0.01	-1.2	-1.25	0	0	0	0	0	0
2/8/2024 9:44	67605 WARW_T1	0	12	12	0	0.32	0.32	-1.05	-1.05	0	0	0	0	0	0
2/8/2024 9:47	46203 DANV_T2	55	180	125	0.32	0.76	0.44	-0.88	-0.89	0	0	0	0	0	0
2/8/2024 9:48	46702 RENO_T1	1	28	27	0.2	0.14	-0.06	-0.12	-0.1	0	0	0	0	0	0
2/8/2024 9:48	41903 REED_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/8/2024 9:48	43202 MVIL_T2	4	58	54	0.13	0.4	0.27	-1.08	-1.08	0	0	0	0	0	0
2/8/2024 9:49	66503 SMAN_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/8/2024 9:49	41902 REED_T1	0	0	0	0	0	0	1.19	1.21	0	0	0	0	0	0
2/8/2024 9:49	13503 MCMI_T2	0	0	0	0	0	0	0.04	0.05	0	0	0	0	0	0
2/8/2024 9:51	67605 WARW_T1	7	23	16	0.21	0.4	0.19	-1.05	-1.05	0	0	0	0	0	0
2/8/2024 9:53	67603 WARW_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/8/2024 9:53	18001 ZION_T1	2	2	0	0.15	0.15	0	0	0	0	0	0	0	0	0
2/8/2024 9:54	67502 WEWI_T2	1	2	1	0.1	0.25	0.15	-0.07	-0.14	0	0	0	0	0	0
2/8/2024 9:54	56504 ROCK_T2	0	0	0	0	0	0	-0.04	-0.16	0	0	0	0	0	0
2/8/2024 9:54	29401 BELT_T1	0	5	5	0	0.14	0.14	0	0	0	0	0	0	0	0
2/8/2024 9:54	43001 ALWD_T1	0	1	1	0	0.2	0.2	0	0	0	0	0	0	0	0
2/8/2024 9:55	43301 WATS_T2	0	1	1	0	0.2	0.2	0	0	0	0	0	0	0	0
2/8/2024 9:56	10801 CHHI_T1	1	3	2	0.9	0.7	-0.2	-0.64	-0.81	0	0	0	0	0	0
2/8/2024 9:58	47901 HRDG_T1	0	0	0	0	0	0	1.05	1.4	0	0	0	0	0	0
2/8/2024 9:58	53601 DALM_T2	1	0	-1	0.8	0	-0.8	-0.18	-0.21	0	0	0	0	0	0
2/8/2024 10:00	57303 MOAL_T2	1	1	0	7.3	7.1	-0.2	0	0	0	0	0	0	0	0
2/8/2024 10:01	61505 EPET_T1	0	0	0	0	0	0	0.36	0.29	0	0	0	0	0	0
2/8/2024 10:01	64703 LITI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/8/2024 10:02	47403 PENS_T1	0	2	2	0	0.4	0.4	0	0	0	0	0	0	0	0
2/8/2024 10:02	64703 LITI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/8/2024 10:03	47403 PENS_T1	0	2	2	0	0.4	0.4	0	0	0	0	0	0	0	0
2/8/2024 10:03	64702 LITI_T2	0	0	0	0	0	0	-0.61	-0.73	0	0	0	0	0	0
2/8/2024 10:03	54202 PENN_T2	0	0	0	0	0	0	0.66	0.65	0	0	0	0	0	0
2/8/2024 10:03	43201 MVIL_T2	1	0	-1	0.2	0	-0.2	-0.37	-0.34	0	0	0	0	0	0
2/8/2024 10:03	64101 REFR_T1	0	0	0	0	0	0	-0.21	-0.14	0	0	0	0	0	0
2/8/2024 10:04	57403 SPAN_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/8/2024 10:04	47401 PENS_T1	1	5	4	0.7	0.36	-0.34	1.05	0.76	0	0	0	0	0	0
2/8/2024 10:04	55001 NEWP_T1	1	4	3	0.3	0.5	0.2	0	0	0	0	0	0	0	0
2/8/2024 10:04	64101 REFR_T1	0	0	0	0	0	0	-0.14	-0.09	0	0	0	0	0	0
2/8/2024 10:04	47901 HRDG_T1	0	0	0	0	0	0	1.05	1.4	0	0	0	0	0	0
2/8/2024 10:05	57301 MOAL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/8/2024 10:05	55001 NEWP_T1	1	4	3	0.3	0.5	0.2	0	0	0	0	0	0	0	0
2/8/2024 10:06	13901 SEID_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/8/2024 10:06	64101 REFR_T1	0	0	0	0	0	0	-0.07	-0.05	0	0	0	0	0	0
2/8/2024 10:06	59102 WALK_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/8/2024 10:06	57403 SPAN_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/8/2024 10:07	59101 WALK_T2	0	1	1	0	0.2	0.2	4.47	4.65	0	0	0	0	0	0
2/8/2024 10:07	64101 REFR_T1	0	0	0	0	0	0	-0.07	-0.05	0	0	0	0	0	0
2/8/2024 10:08	41601 CLEV_T1	1	1	0	0.5	0.8	0.3	0	0	0	0	0	0	0	0
2/8/2024 10:08	67605 WARW_T1	11	23	12	0.32	0.4	0.08	-1.05	-1.03	0	0	0	0	0	0
2/8/2024 10:08	57401 SPAN_T1	3	5	2	0.63	0.56	-0.07	-2.14	-2.2	0	0	0	0	0	0
2/8/2024 10:08	64101 REFR_T1	0	0	0	0	0	0	-0.07	-0.05	0	0	0	0	0	0
2/8/2024 10:08	20403 ASHF_T2	16	24	8	0.32	0.28	-0.04	0.08	0.09	0	0	0	0	0	0
2/8/2024 10:09	67203 TEHI_T1	1	0	-1	0.1	0	-0.1	2.69	2.85	0	0	0	0	0	0
2/8/2024 10:09	67503 WEWI_T2	0	0	0	0	0	0	-0.06	-0.11	0	0	0	0	0	0
2/8/2024 10:09	57401 SPAN_T1	3	5	2	0.63	0.56	-0.07	-1.1	-1	0	0	0	0	0	0
2/8/2024 10:09	15001 BLMO_T1	1	10	9	0.2	0.22	0.02	0	0	0	0	0	0	0	0
2/8/2024 10:10	54501 ENOL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/8/2024 10:10	67503 WEWI_T2	0	0	0	0	0	0	-0.06	-0.11	0	0	0	0	0	0
2/8/2024 10:10	41602 CLEV_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/8/2024 10:10	20401 ASHF_T2	6	9	3	0.47	0.47	0	0	0	0	0	0	0	0	0
2/8/2024 10:11	56803 BENV_T2	3	3	0	1.03	0.95	-0.08	0	0	0	0	0	0	0	0
2/8/2024 10:11	56802 BENV_T2	93	49	-44	0.24	0.19	-0.05	-2.42	-2.58	0	0	0	0	0	0
2/8/2024 10:11	20401 ASHF_T2	6	9	3	0.47	0.47	0	0	0	0	0	0	0	0	0
2/8/2024 10:11	23901 EFMO_T2	0	0	0	0	0	0	0	0.05	0	0	0	0	0	0
2/8/2024 10:12	56801 BENV_T1	13	14	1	0.85	0.84	-0.01	-0.71	-0.74	0	0	0	0	0	0
2/8/2024 10:12	41601 CLEV_T1	1	1	0	0.5	0.8	0.3	0	0	0	0	0	0	0	0
2/8/2024 10:12	56802 BENV_T2	93	49	-44	0.24	0.19	-0.05	-1.21	-1.29	0	0	0	0	0	0
2/8/2024 10:13	54504 ENOL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/8/2024 10:15	45802 HEGI_T2	0	0	0	0	0	0	1.4	1.41	0	0	0	0	0	0
2/8/2024 10:16	26402 INOR_T1	0	2	2	0	0.6	0.6	0	0	0	0	0	0	0	0
2/8/2024 10:16	12701 MACU_T1	0	0	0	0	0	0	0.08	0.05	0	0	0	0	0	0
2/8/2024 10:17	52503 PROG_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/8/2024 10:17	16406 MOPO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/8/2024 10:18	17002 RIRO_T2	3	3	0	0.47	0.57	0.1	0.71	0.69	0	0	0	0	0	0
2/8/2024 10:18	12704 MACU_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/8/2024 10:18	64802 MONE_T2	6	29	23	0.33	0.28	-0.05	0.18	0.1	0	0	0	0	0	0
2/8/2024 10:19	57401 SPAN_T1	5	6	1	0.56	0.43	-0.13	-1.1	-1	0	0	0	0	0	0
2/8/2024 10:20	52502 PROG_T2	0	0	0	0	0	0	-0.58	0.37	0	0	0	0	0	0

Appendix C - Grid Benefits Achieved in Each Instance of Active Management

2/8/2024 10:41	42701 AUGU_T1	1	1	0	1	1.3	0.3	0	0	0	0	0	0	0
2/8/2024 10:42	46803 HEPB_T2	2	2	0	0.1	0.2	0.1	0	0	0	0	0	0	0
2/8/2024 10:42	45501 DERR_T2	0	0	0	0	0	0	0.7	0.62	0	0	0	0	0
2/8/2024 10:43	54505 ENOL_T2	2	2	0	0.45	0.8	0.35	0	0	0	0	0	0	0
2/8/2024 10:44	54503 ENOL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
2/8/2024 10:44	64703 LITI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
2/8/2024 10:44	40902 JESH_T1	0	0	0	0	0	0	-0.56	-0.55	0	0	0	0	0
2/8/2024 10:44	60801 BUCK_T1	0	1	1	0	0.1	0.1	-0.47	-0.47	0	0	0	0	0
2/8/2024 10:45	47002 HUGH_T2	7	11	4	0.26	0.3	0.04	0	0	0	0	0	0	0
2/8/2024 10:45	40101 HUNT_T2	1	12	11	0.1	0.18	0.08	-1.19	-1.13	0	0	0	0	0
2/8/2024 10:45	64703 LITI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
2/8/2024 10:46	65503 MOIO_T2	0	2	2	0	0.25	0.25	-2.64	-2.69	0	0	0	0	0
2/8/2024 10:46	64801 MONE_T2	33	125	92	0.4	0.32	-0.08	0	0	0	0	0	0	0
2/8/2024 10:47	13905 SEID_T1	1	2	1	0.1	0.2	0.1	0	0	0	0	0	0	0
2/8/2024 10:47	13501 MCMI_T1	0	0	0	0	0	0	-0.22	-0.16	0	0	0	0	0
2/8/2024 10:47	59003 MIFF_T1	0	1	1	0	0	0	0.45	-0.03	0	0	0	0	0
2/8/2024 10:47	40101 HUNT_T2	1	12	11	0.1	0.18	0.08	-1.19	-1.13	0	0	0	0	0
2/8/2024 10:48	13502 MCMI_T1	6	2	-4	0.17	0.25	0.08	0	0	0	0	0	0	0
2/8/2024 10:48	45701 LIND_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
2/8/2024 10:48	46301 ROHR_T1	152	156	4	0.3	0.32	0.02	0.23	0.22	0	0	0	0	0
2/8/2024 10:48	64702 LITI_T2	0	0	0	0	0	0	-0.66	-0.66	0	0	0	0	0
2/8/2024 10:48	54204 PENN_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
2/8/2024 10:48	13302 ORVI_T2	2	3	1	0.6	0.63	0.03	1.03	1.05	0	0	0	0	0
2/8/2024 10:49	57401 SPAN_T1	6	24	18	0.43	0.33	-0.1	0	0	0	0	0	0	0
2/8/2024 10:50	54202 PENN_T2	0	4	4	0	0.15	0.15	0.69	0.62	0	0	0	0	0
2/8/2024 10:50	15701 TANN_T1	11	3	-8	0.74	2	1.26	0	0	0	0	0	0	0
2/8/2024 10:50	42202 SHEN_T2	2	2	0	0.5	0.55	0.05	0	0	0	0	0	0	0
2/8/2024 10:50	46004 BERW_T2	1	1	0	0.2	0.1	-0.1	-0.3	-0.25	0	0	0	0	0
2/8/2024 10:51	67505 WEWI_T1	1	3	2	0.1	0.47	0.37	0	0	0	0	0	0	0
2/8/2024 10:51	56504 ROCK_T2	0	1	1	0	0.1	0.1	-0.23	-0.4	0	0	0	0	0
2/8/2024 10:51	67402 WAKE_T2	0	0	0	0	0	0	0.49	0.49	0	0	0	0	0
2/8/2024 10:51	46302 ROHR_T1	7	7	0	1.41	1.34	-0.07	0.42	0.42	0	0	0	0	0
2/8/2024 10:51	46301 ROHR_T1	152	156	4	0.3	0.32	0.02	0.23	0.22	0	0	0	0	0
2/8/2024 10:51	67001 STHI_T2	5	5	0	0.36	0.38	0.02	0	0	0	0	0	0	0
2/8/2024 10:51	66702 STRA_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
2/8/2024 10:51	67202 TEHI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
2/8/2024 10:51	27502 WEIS_T2	0	0	0	0	0	0	-0.44	-0.4	0	0	0	0	0
2/8/2024 10:51	45402 WBLO_T2	29	27	-2	0.2	0.19	-0.01	-0.71	-0.69	0	0	0	0	0
2/8/2024 10:52	54204 PENN_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
2/8/2024 10:52	56504 ROCK_T2	0	1	1	0	0.1	0.1	-0.23	-0.4	0	0	0	0	0
2/8/2024 10:52	67002 STHI_T2	11	10	-1	0.24	0.26	0.02	2.4	2.48	0	0	0	0	0
2/8/2024 10:52	67501 WEWI_T1	0	1	1	0	0.2	0.2	-0.47	-0.55	0	0	0	0	0
2/8/2024 10:52	67204 TEHI_T2	0	0	0	0	0	0	-0.1	-0.11	0	0	0	0	0
2/8/2024 10:53	67402 WAKE_T2	0	0	0	0	0	0	0.49	0.49	0	0	0	0	0
2/8/2024 10:53	56803 BENV_T1	3	5	2	0.9	0.64	-0.26	0	0	0	0	0	0	0
2/8/2024 10:54	56803 BENV_T1	3	5	2	0.9	0.64	-0.26	0	0	0	0	0	0	0
2/8/2024 10:54	29401 BELT_T1	0	1	1	0	0.1	0.1	0	0	0	0	0	0	0
2/8/2024 10:54	43001 ALWD_T1	1	1	0	0.2	0.8	0.6	0	0	0	0	0	0	0
2/8/2024 10:55	60201 ATGL_T2	0	0	0	0	0	0	-0.14	0.49	0	0	0	0	0
2/8/2024 10:56	67401 WAKE_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
2/8/2024 10:56	29401 BELT_T1	0	1	1	0	0.1	0.1	0	0	0	0	0	0	0
2/8/2024 10:56	56802 BENV_T2	98	2	-96	0.22	0.6	0.38	-1.21	-1.16	0	0	0	0	0
2/8/2024 10:57	64201 KINZ_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
2/8/2024 10:57	23902 EFMO_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
2/8/2024 10:57	54506 ENOL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
2/8/2024 10:57	56802 BENV_T2	98	2	-96	0.22	0.6	0.38	-0.61	-0.58	0	0	0	0	0
2/8/2024 10:58	26401 INOR_T1	1	8	7	0.4	0.25	-0.15	0.66	0.72	0	0	0	0	0
2/8/2024 10:58	41504 FAIR_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
2/8/2024 10:58	46803 HEPB_T2	2	2	0	0.15	0.2	0.05	0	0	0	0	0	0	0
2/8/2024 10:59	53903 HALI_T2	3	4	1	0.83	0.85	0.02	-0.12	-0.12	0	0	0	0	0
2/8/2024 10:59	43001 ALWD_T1	1	1	0	0.2	0.8	0.6	0	0	0	0	0	0	0
2/8/2024 11:00	26402 INOR_T1	2	7	5	0.85	0.56	-0.29	-0.88	-0.89	0	0	0	0	0
2/8/2024 11:00	61505 EPET_T1	0	0	0	0	0	0	0.23	0.21	0	0	0	0	0
2/8/2024 11:01	53903 HALI_T2	4	4	0	0.75	0.88	0.13	-0.12	-0.12	0	0	0	0	0
2/8/2024 11:02	52006 LING_T2	3	3	0	0.2	0.37	0.17	0	0	0	0	0	0	0
2/8/2024 11:02	47403 PENS_T1	1	1	0	0.1	1.3	1.2	0	0	0	0	0	0	0
2/8/2024 11:03	13903 SEID_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
2/8/2024 11:04	47402 PENS_T1	0	1	1	0	0	0	0	0	0	0	0	0	0
2/8/2024 11:05	43302 WATS_T2	4	3	-1	0.15	0.23	0.08	0	0	0	0	0	0	0
2/8/2024 11:05	46002 BERW_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
2/8/2024 11:05	47403 PENS_T1	1	1	0	0.1	1.3	1.2	0	0	0	0	0	0	0
2/8/2024 11:05	42204 SHEN_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
2/8/2024 11:06	51302 WIND_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
2/8/2024 11:06	42902 MIDD_T2	4	9	5	0.28	0.44	0.16	-0.94	-0.89	0	0	0	0	0
2/8/2024 11:06	26402 INOR_T1	2	7	5	0.85	0.56	-0.29	-0.88	-0.89	0	0	0	0	0
2/8/2024 11:07	59102 WALK_T2	0	1	1	0	0.2	0.2	0	0	0	0	0	0	0
2/8/2024 11:07	42903 MIDD_T2	0	0	0	0	0	0	2.25	2.13	0	0	0	0	0
2/8/2024 11:07	42503 ALTA_T2	0	2	2	0	0.15	0.15	-0.07	-0.46	0	0	0	0	0
2/8/2024 11:07	57401 SPAN_T1	23	20	-3	0.33	0.36	0.03	0	0	0	0	0	0	0
2/8/2024 11:07	52504 PROG_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
2/8/2024 11:08	59101 WALK_T2	0	0	0	0	0	0	2.12	2.4	0	0	0	0	0
2/8/2024 11:08	57401 SPAN_T1	23	20	-3	0.33	0.36	0.03	0	0	0	0	0	0	0
2/8/2024 11:08	16301 ALPA_T1	41	137	96	0.16	0.19	0.03	-0.37	-0.37	0	0	0	0	0
2/8/2024 11:08	16302 ALPA_T2	0	0	0	0	0	0	1.78	1.62	0	0	0	0	0
2/8/2024 11:08	60803 BUCK_T1	4	7	3	0.3	0.3	0	-0.54	-0.53	0	0	0	0	0
2/8/2024 11:08	49804 UNIV_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
2/8/2024 11:08	65002 NEFF_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
2/8/2024 11:09	60803 BUCK_T1	4	7	3	0.3	0.3	0	-0.53	-0.56	0	0	0	0	0
2/8/2024 11:09	16301 ALPA_T1	41	137	96	0.16	0.19	0.03	-1.48	-1.6	0	0	0	0	0
2/8/2024 11:10	43001 ALWD_T1	1	12	11	0.4	0.22	-0.18	0	0	0	0	0	0	0
2/8/2024 11:11	54505 ENOL_T2	2	2	0	0.75	0.9	0.15	-1.28	-1.29	0	0	0	0	0
2/8/2024 11:11	62602 ENGL_T1	1	1	0	0.1	0.1	0	0	0	0	0	0	0	0
2/8/2024 11:11	60801 BUCK_T1	1	2	1	0.1	0.2	0.1	0	0	0	0	0	0	0
2/8/2024 11:12	62602 ENGL_T1	1	1	0	0.1	0.1	0	0	0	0	0	0	0	0
2/8/2024 11:12	54502 ENOL_T2	1	1	0	0.3	0.2	-0.1	0	0	0	0	0	0	0
2/8/2024 11:12	54503 ENOL_T2	0	0	0	0	0	0	-1.22	-1.24	0	0	0	0	0
2/8/2024 11:12	65001 NEFF_T2	0	3	3	0	0.2	0.2	-0.43	-0.41	0	0	0	0	0
2/8/2024 11:12	51104 CARL_T1	1	1	0	0	0	0	0	0	0	0	0	0	0
2/8/2024 11:12	16302 ALPA_T2	0	0	0	0	0	0	1.62	1.43	0	0	0	0	0
2/8/2024 11:12	16301 ALPA_T1	41	137	96	0.16	0.19	0.03	-0.37	-0.4	0	0	0	0	0
2/8/2024 11:13	54502 ENOL_T2	1	1	0	0.3	0.2	-0.1	0	0	0	0	0	0	0
2/8/2024 11:13	54504 ENOL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
2/8/2024 11:13	62601 ENGL_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
2/8/2024 11:13	54503 ENOL_T2	0	0	0	0	0	0	-1.22	-1.24	0	0	0	0	0
2/8/2024 11:13	55101 WERT_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
2/8/2024 11:13	28703 HAML_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
2/8/2024 11:13	23901 EFMO_T2	0	1	1	0	0	0	0	0	0	0	0	0	0
2/8/2024 11:14	54504 ENOL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
2/8/2024 11:14	63601 LETO_T1	1	1	0	0.1	0.5	0.4	0	0	0	0	0	0	0
2/8/2024 11:15	54506 ENOL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
2/8/2024 11:15	62602 ENGL_T1	1	1	0	0.1	0.1	0	0	0	0	0	0	0	0
2/8/2024 11:15	43001 ALWD_T1	1	14	13	0.8	0.21	-0.59	0	0	0	0	0	0	0
2/8/2024 11:16	56504 ROCK_T2	1	4	3	0.1	0.18	0.08	0	0	0	0	0	0	0
2/8/2024 11:17	64801 MONE_T2	121	217	96	0.31	0.33	0.02	0	0	0	0	0	0	0
2/8/2024 11:17	63602 LETO_T1	22	99	77	0.13	0.21	0.08	-0.51	-0.39	0	0	0	0	0
2/8/2024 11:18	64101 REFR_T1	0	4	4	0	0.28	0.28	-0.06	-0.12	0	0	0	0	0
2/8/2024 11:19	13302 ORVI_T2	3	3	0	0.63	0.9	0.27	3.19	2.94	0	0	0	0	0
2/8/2024 11:20	13302 ORVI_T2	3	3	0	0.63	0.9	0.27	1.06	0.98	0	0	0	0	0
2/8/2024 11:20	46302 ROHR_T1	5	4	-1	1.62	1.88	0.26	0.18	0.19	0	0	0	0	0
2/8/2024 11:20	10702 CATA_T2	1	0	-1	0.2	0	-0.2	0	0	0	0	0	0	0
2/8/2024 11:21	64101 REFR_T1	0	4	4	0	0.28	0.28	-0.06	-0.12	0	0	0	0	0
2/8/2024 11:22	67402 WAKE_T2	0	0	0	0	0	0	0.48	0.51	0	0	0	0	0
2/8/2024 11:22	43103 SMIL_T2	17	20	3	0.48	0.59	0.11	0	0	0	0	0	0	0
2/8/2024 11:22	67502 WEWI_T2	10	14	4	0.45	0.48	0.03	-0.18	-0.04	0	0	0	0	0
2/8/2024 11:22	67502 WEWI_T2	10	14	4	0.45	0.48	0.03	-0.18	-0.04	0	0	0	0	0
2/8/2024 11:22	67204 TEHI_T2	0	1	1	0	0.2	0.2	-0.13	-0.12	0	0	0	0	0
2/8/2024 11:23	67202 TEHI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
2/8/2024 11:23	67503 WEWI_T2	0	1	1	0	0.1	0.1	0	0	0	0	0	0	0
2/8/2024 11:23	10705 CATA_T2	1	1	0	0.9	0.6	-0.3	-0.92	-0.94	0	0	0	0	0
2/8/2024 11:23	45402 WBLO_T2	27	1	-26	0.19	0.5	0.31	-0.74	-0.75	0	0	0	0	0
2/8/2024 11:23	42701 AUGU_T1	1	3	2	1.1	0.57	-0.53	0	0	0	0	0	0	0
2/8/2024 11:24	42701 AUGU_T1	1	3	2	1.1	0.57	-0.53	0	0	0	0	0	0	0
2/8/2024 11:24	66504 SMAN_T2	1	1	0	0.8	0.8	0	-0.99	-1.09	0	0	0	0	0
2/8/2024 11:24	55105 WERT_T1	0	0	0	0	0	0	-0.65	-0.66	0	0	0	0	0
2/8/2024 11:24	67502 WEWI_T2	10	14	4	0.45	0.48	0.03	-0.04	-0.15	0	0	0	0	0
2/8/2024 11:25	54506 ENOL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
2/8/2024 11:25	60102 COCA_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
2/8/2024 11:25	67503 WEWI_T2	0	1	1	0	0.1	0.1	-0.15	-0.11	0	0	0	0	0
2/8/2024 11:26	54503 ENOL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
2/8/2024 11:26	54504 ENOL_T2	0	1	1	0	0.3	0.3	0	0	0	0	0	0	0
2/8/2024 11:26	43001 ALWD_T1	1	14	13	0.8	0.21	-0.59	0	0	0	0	0	0	0
2/8/2024 11:26	60101 COCA_T1	1	6	5	0.1	0.52	0.42	0.36	0.34	0	0	0	0	0
2/8/2024 11:26	61502 EPET_T1	1	1	0	0.1	0.3	0.2	0	0	0	0	0	0	0
2/8/2024 11:26	44301 BEAV_T2	1	1	0	0.4	0	-0.4	0	0	0	0	0	0	0
2/8/2024 11:28	54503 ENOL_T2	0	0	0	0	0	0	-1.24	-1.25	0	0	0	0	0
2/8/2024 11:28	61304 EARL_T1	1	1	0	0.2	0.6	0.4	0	0	0	0	0	0	0
2/8/2024 11:28	54506 ENOL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
2/8/2024 11:28	67401 WAKE_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
2/8/2024 11:28	40101 HUNT_T2	12	0	-12	0.54	0	-0.54	-0.6	-0.59	0	0	0	0	0
2/8/2024 11:29	54505 ENOL_T2	2	2	0	0.75	0.95	0.2	-1.29	-1.3	0	0	0	0	0
2/8/2024 11:29	54504 ENOL_T2	0	1	1	0	0.3	0.3	-0.96	-0.96	0	0	0	0	0
2/8/2024 11:29	54505 ENOL_T2	2	2	0	0.75	0.95	0.2	-1.29	-1.3	0	0	0	0	0
2/8/2024 11:29	40101 HUNT_T2	12	0	-12	0.54	0	-0.54	-0.6	-0.59	0	0	0	0	0
2/8/2024 11:30	64803 LINC_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
2/8/2024 11:30	54501 ENOL_T2	2	3	1	0.1	0.17	0.07	0	0	0	0	0	0	0
2/8/2024 11:30	61505 EPET_T1	0	0	0	0	0	0	0.19	0.19	0	0	0	0	0
2/8/2024 11:31	54503 ENOL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
2/8/2024 11:31	61503 EPET_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
2/8/2024 11:31	43001 ALWD_T1	12	6	-6	0.22	0.23	0.01	0	0	0	0	0	0	0
2/8/2024 11:32	64204 KINZ_T1	1	1	0	0.8	0.9	0.1	0	0	0	0	0	0	0
2/8/2024 11:32	40601 PIGR_T1	116	187	71	0.23	0.35	0.12	0	0	0	0	0	0	0
2/8/2024 11:32	42001 MNVL_T2	6	3	-3	0.23	0.23	0	0	0	0	0	0	0	0
2/8/2024 11:33	64101 REFR_T1	3	2	-1	0.3	0.25	-0.05	-0.48	-0.48	0	0	0	0	0
2/8/2024 11:33	15604 NSTR_T1	1	1	0	1.6	1.6	0	0.25	0.28	0	0	0	0	0
2/8/2024 11:34	54202 PENN_T2	42	83	41	0.15	0.14	-0.01	0	0	0	0	0	0	0
2/8/2024 11:34	66701 STRA_T1	1	2	1	0.7	0.35	-0.35	0	0	0	0	0	0	0
2/8/2024 11:34	66503 SMAN_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
2/8/2024 11:34	59002 MIFF_T1	0	5	5	0	0.24	0.24	0	0	0	0	0	0	0
2/8/2024 11:34	65001 NEFF_T2	3	18	15	0.2	0.16	-0.04	-0.41	-0.48	0	0	0	0	0
2/8/2024 11:35	65003 NEFF_T2	-7	-7	0	0.29	0.39	0.1	0	0	0	0	0	0	0
2/8/2024 11:35	54206 PENN_T2	54	63	9	0.16	0.17	0.01	0.03	0	0	0	0	0	0
2/8/2024 11:35	66503 SMAN_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
2/8/2024 11:35	16406 MOPO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
2/8/2024 11:35	67001 STHI_T2	5	12	7	0.48	0.36	-0.12	0.08	0.07	0	0	0	0	0
2/8/2024 11:36	67604 WARW_T1	1	1	0	0.4	0.2	-0.2	0	0	0	0	0	0	0
2/8/2024 11:36	43001 ALWD_T1	12	6	-6	0.22	0.23	0.01	0	0	0	0	0	0	0
2/8/2024 11:36	59101 WALK_T2	0	0	0	0	0	0	5.14	4.97	0	0	0	0	0
2/8/2024 11:36	64101 REFR_T1	3	2	-1	0.3	0.25	-0.05	-0.12	-0.12	0	0	0	0	0
2/8/2024 11:37	67603 WARW_T1	1	1	0	0.1	0.3	0.2	0	0	0	0	0	0	0
2/8/2024 11:37	14401 SSLA_T1	4	3	-1	0.28	0.33	0.05	0	0	0	0	0	0	0
2/8/2024 11:37	64101 REFR_T1	3	2	-1	0.3	0.25	-0.05	-0.24	-0.24	0	0	0	0	0
2/8/2024 11:38	59101 WALK_T2	0	0	0	0	0	0	2.57	2.49	0	0	0	0	0
2/8/2024 11:38	51302 WIND_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
2/8/2024 11:38	67402 WAKE_T2	0	0	0	0	0	0	1.02	0.96	0	0	0	0	0
2/8/2024 11:38	61102 BERK_T5	0	0	0	0	0	0	0	0	0	0	0	0	0
2/8/2024 11:38	67001 STHI_T2	5	12	7	0.48	0.36	-0.12	0	0	0	0	0	0	0
2/8/2024 11:38	67604 WARW_T1	1	1	0	0.4	0.2	-0.2	0	0	0	0	0	0	0
2/8/2024 11:38	15001 BLMO_T1	1	0	-1	0.

2/8/2024 11:44	53901 HALI_T2	1	1	0	0.3	0.3	0	-0.37	-1.52	0	0	0	0	0	0
2/8/2024 11:44	53902 HALI_T2	1	0	-1	0.2	0	-0.2	0	0	0	0	0	0	0	0
2/8/2024 11:44	45802 HEGI_T2	0	0	0	0	0	0	0.64	0.43	0	0	0	0	0	0
2/8/2024 11:44	66505 SMAN_T2	0	3	3	0	0.27	0.27	0	0	0	0	0	0	0	0
2/8/2024 11:45	46801 HEPB_T2	2	1	-1	0.2	0.1	-0.1	0.61	0.62	0	0	0	0	0	0
2/8/2024 11:45	45802 HEGI_T2	0	0	0	0	0	0	0.64	0.43	0	0	0	0	0	0
2/8/2024 11:45	40101 HUNT_T2	0	1	1	0	0.4	0.4	-1.19	-1.28	0	0	0	0	0	0
2/8/2024 11:46	16406 MOPO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/8/2024 11:46	47403 PENS_T1	1	7	6	0.4	0.47	0.07	0	0	0	0	0	0	0	0
2/8/2024 11:47	44701 MUNC_T2	7	4	-3	0.23	0.23	0	-1.36	-1.33	0	0	0	0	0	0
2/8/2024 11:47	47401 PENS_T1	2	5	3	0.85	0.6	-0.25	0.9	0.92	0	0	0	0	0	0
2/8/2024 11:47	53902 HALI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/8/2024 11:48	61505 EPET_T1	0	0	0	0	0	0	0.19	0.19	0	0	0	0	0	0
2/8/2024 11:48	43105 SMIL_T2	22	20	-2	0.47	0.51	0.04	0	0	0	0	0	0	0	0
2/8/2024 11:48	43202 MVIL_T2	64	82	18	0.44	0.5	0.06	-1.18	-1.18	0	0	0	0	0	0
2/8/2024 11:48	42902 MIDD_T2	4	32	28	0.2	0.37	0.17	-0.88	-0.88	0	0	0	0	0	0
2/8/2024 11:48	54204 PENN_T2	1	1	0	0.2	0.2	0	0	0	0	0	0	0	0	0
2/8/2024 11:48	44701 MUNC_T2	7	4	-3	0.23	0.23	0	-1.36	-1.33	0	0	0	0	0	0
2/8/2024 11:48	43201 MVIL_T2	0	0	0	0	0	0	-0.3	-0.38	0	0	0	0	0	0
2/8/2024 11:49	55002 NEWP_T1	9	10	1	0.98	1	0.02	-0.18	-0.17	0	0	0	0	0	0
2/8/2024 11:49	43108 SMIL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/8/2024 11:49	14402 SSLA_T1	16	19	3	0.28	0.27	-0.01	0	0	0	0	0	0	0	0
2/8/2024 11:49	41901 REED_T1	11	11	0	0.95	0.87	-0.08	0	0	0	0	0	0	0	0
2/8/2024 11:49	42901 MIDD_T2	0	23	23	0	0.13	0.13	0	0	0	0	0	0	0	0
2/8/2024 11:49	43202 MVIL_T2	64	82	18	0.44	0.5	0.06	-0.59	-0.59	0	0	0	0	0	0
2/8/2024 11:49	66502 SMAN_T2	2	3	1	0.4	0.27	-0.13	0	0	0	0	0	0	0	0
2/8/2024 11:49	47401 PENS_T1	2	5	3	0.85	0.6	-0.25	3.16	3.22	0	0	0	0	0	0
2/8/2024 11:50	41901 REED_T1	11	11	0	0.95	0.87	-0.08	0	0	0	0	0	0	0	0
2/8/2024 11:50	43103 SMIL_T2	14	20	6	0.51	0.6	0.09	0	0	0	0	0	0	0	0
2/8/2024 11:50	55001 NEWP_T1	1	0	-1	0.1	0	-0.1	0	0	0	0	0	0	0	0
2/8/2024 11:50	13901 SEID_T1	0	0	0	0	0	0	0.17	0.15	0	0	0	0	0	0
2/8/2024 11:50	66504 SMAN_T2	1	1	0	0.8	0.1	-0.7	-1.09	-0.97	0	0	0	0	0	0
2/8/2024 11:51	67603 WARW_T1	1	1	0	0.3	0.2	-0.1	0	0	0	0	0	0	0	0
2/8/2024 11:51	66502 SMAN_T2	2	3	1	0.4	0.27	-0.13	0	0	0	0	0	0	0	0
2/8/2024 11:52	67604 WARW_T1	1	0	-1	0.2	0	-0.2	0	0	0	0	0	0	0	0
2/8/2024 11:52	43001 ALWD_T1	6	3	-3	0.23	0.27	0.04	0	0	0	0	0	0	0	0
2/8/2024 11:53	14403 SSLA_T1	3	2	-1	0.57	0.7	0.13	0.75	0.77	0	0	0	0	0	0
2/8/2024 11:53	67402 WAKE_T2	0	0	0	0	0	0	0.48	0.47	0	0	0	0	0	0
2/8/2024 11:53	67603 WARW_T1	1	1	0	0.3	0.2	-0.1	0	0	0	0	0	0	0	0
2/8/2024 11:53	61503 EPET_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/8/2024 11:53	15001 BLMO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/8/2024 11:54	15001 BLMO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/8/2024 11:54	67402 WAKE_T2	0	0	0	0	0	0	0.47	0.48	0	0	0	0	0	0
2/8/2024 11:54	15103 UPHA_T2	3	6	3	0.47	0.43	-0.04	0	0	0	0	0	0	0	0
2/8/2024 11:54	14801 TREI_T2	44	73	29	0.25	0.23	-0.02	0.23	0.23	0	0	0	0	0	0
2/8/2024 11:54	43001 ALWD_T1	6	3	-3	0.23	0.27	0.04	0	0	0	0	0	0	0	0
2/8/2024 11:54	67604 WARW_T1	1	0	-1	0.2	0	-0.2	0	0	0	0	0	0	0	0
2/8/2024 11:56	67605 WARW_T1	46	38	-8	0.55	0.63	0.08	0	0	0	0	0	0	0	0
2/8/2024 11:56	15001 BLMO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/8/2024 11:57	43001 ALWD_T1	6	3	-3	0.23	0.27	0.04	0	0	0	0	0	0	0	0
2/8/2024 11:58	26402 INOR_T1	3	36	33	0.67	0.4	-0.27	-0.92	-0.87	0	0	0	0	0	0
2/8/2024 11:59	26402 INOR_T1	3	36	33	0.67	0.4	-0.27	-0.92	-0.87	0	0	0	0	0	0
2/8/2024 11:59	26401 INOR_T1	0	87	87	0	0.25	0.25	0.73	0.24	0	0	0	0	0	0
2/8/2024 11:59	67402 WAKE_T2	0	0	0	0	0	0	0.47	0.48	0	0	0	0	0	0
2/8/2024 12:00	25501 MADI_T1	1	1	0	3.6	3.1	-0.5	0	0	0	0	0	0	0	0
2/8/2024 12:00	65001 NEFF_T2	7	8	1	0.13	0.14	0.01	-0.43	-0.48	0	0	0	0	0	0
2/8/2024 12:00	59002 MIFF_T1	5	6	1	0.24	0.42	0.18	0	0	0	0	0	0	0	0
2/8/2024 12:00	45802 HEGI_T2	0	0	0	0	0	0	0.43	0.65	0	0	0	0	0	0
2/8/2024 12:01	16102 BING_T2	1	1	0	0.4	0.1	-0.3	0	0	0	0	0	0	0	0
2/8/2024 12:01	46803 HEPB_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/8/2024 12:01	53903 HALI_T2	3	3	0	0.57	0.93	0.36	-0.14	-0.14	0	0	0	0	0	0
2/8/2024 12:01	66302 MCGO_T2	1	1	0	0.8	1	0.2	-1.41	-1.42	0	0	0	0	0	0
2/8/2024 12:02	45802 HEGI_T2	0	0	0	0	0	0	0.43	0.65	0	0	0	0	0	0
2/8/2024 12:02	44702 MUNC_T2	2	3	1	0.1	0.13	0.03	0	0	0	0	0	0	0	0
2/8/2024 12:02	26401 INOR_T1	2	87	85	0.15	0.25	0.1	0.73	0.24	0	0	0	0	0	0
2/8/2024 12:04	42902 MIDD_T2	2	34	32	0.35	0.35	0	-0.88	-0.24	0	0	0	0	0	0
2/8/2024 12:04	44703 MUNC_T2	4	4	0	0.93	0.88	-0.05	0	0	0	0	0	0	0	0
2/8/2024 12:04	43201 MVIL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/8/2024 12:04	44601 SALE_T2	0	0	0	0	0	0	1.31	1.04	0	0	0	0	0	0
2/8/2024 12:05	41902 REED_T1	2	2	0	0.25	0.3	0.05	1.12	1.07	0	0	0	0	0	0
2/8/2024 12:05	15104 UPHA_T2	1	1	0	0.1	0.1	0	0.72	0.68	0	0	0	0	0	0
2/8/2024 12:05	13503 MCMI_T2	1	0	-1	0.2	0	-0.2	0.03	-0.01	0	0	0	0	0	0
2/8/2024 12:05	14401 SSLA_T1	2	2	0	0.3	0.6	0.3	0	0	0	0	0	0	0	0
2/8/2024 12:05	42902 MIDD_T2	2	34	32	0.35	0.35	0	0	0	0	0	0	0	0	0
2/8/2024 12:06	13904 SEID_T1	0	1	1	0	0	0	0	0	0	0	0	0	0	0
2/8/2024 12:06	59102 WALK_T2	2	4	2	0.2	0.4	0.2	0	0	0	0	0	0	0	0
2/8/2024 12:06	41902 REED_T1	2	2	0	0.25	0.3	0.05	2.24	2.14	0	0	0	0	0	0
2/8/2024 12:07	59102 WALK_T2	2	4	2	0.2	0.4	0.2	0	0	0	0	0	0	0	0
2/8/2024 12:08	67401 WAKE_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/8/2024 12:08	60102 COCA_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/8/2024 12:08	14404 SSLA_T1	11	35	24	0.21	0.2	-0.01	0	0	0	0	0	0	0	0
2/8/2024 12:09	41602 CLEV_T1	1	1	0	0.3	0.3	0	0	0	0	0	0	0	0	0
2/8/2024 12:09	60101 COCA_T1	5	6	1	0.5	0.47	-0.03	0.27	0.27	0	0	0	0	0	0
2/8/2024 12:09	59101 WALK_T2	0	0	0	0	0	0	2.44	2.2	0	0	0	0	0	0
2/8/2024 12:09	43202 MVIL_T2	71	85	14	0.5	0.51	0.01	0	0	0	0	0	0	0	0
2/8/2024 12:10	25501 MADI_T1	1	1	0	3.6	3.1	-0.5	0	0	0	0	0	0	0	0
2/8/2024 12:10	67402 WAKE_T2	0	0	0	0	0	0	0.48	0.47	0	0	0	0	0	0
2/8/2024 12:10	43001 ALWD_T1	2	3	1	0.35	0.23	-0.12	0	0	0	0	0	0	0	0
2/8/2024 12:10	15104 UPHA_T2	1	1	0	0.1	0.1	0	0	0	0	0	0	0	0	0
2/8/2024 12:12	60101 COCA_T1	5	6	1	0.5	0.47	-0.03	0.27	0.27	0	0	0	0	0	0
2/8/2024 12:12	41602 CLEV_T1	1	1	0	0.3	0.3	0	0	0	0	0	0	0	0	0
2/8/2024 12:13	24105 EHAZ_T1	4	4	0	5.55	5.4	-0.15	-1.96	-1.97	0	0	0	0	0	0
2/8/2024 12:13	60101 COCA_T1	5	6	1	0.5	0.47	-0.03	0.27	0.27	0	0	0	0	0	0
2/8/2024 12:15	67402 WAKE_T2	0	0	0	0	0	0	0.48	0.47	0	0	0	0	0	0
2/8/2024 12:15	47402 PENS_T1	0	1	1	0	0.5	0.5	0	0	0	0	0	0	0	0
2/8/2024 12:15	40101 HUNT_T2	0	0	0	0	0	0	-1.31	-0.98	0	0	0	0	0	0
2/8/2024 12:16	47402 PENS_T1	0	1	1	0	0.5	0.5	0	0	0	0	0	0	0	0
2/8/2024 12:16	55001 NEWP_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/8/2024 12:16	40101 HUNT_T2	0	0	0	0	0	0	-0.66	-0.49	0	0	0	0	0	0
2/8/2024 12:16	63801 HEMP_T1	3	4	1	0.3	0.28	-0.02	0	0	0	0	0	0	0	0
2/8/2024 12:17	40101 HUNT_T2	0	0	0	0	0	0	-0.66	-0.49	0	0	0	0	0	0
2/8/2024 12:17	46803 HEPB_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/8/2024 12:18	47401 PENS_T1	5	16	11	0.6	0.26	-0.34	0.59	0.42	0	0	0	0	0	0
2/8/2024 12:19	47402 PENS_T1	0	1	1	0	0.5	0.5	0	0	0	0	0	0	0	0
2/8/2024 12:19	24102 EHAZ_T1	1	3	2	0.2	0.9	0.7	0	0	0	0	0	0	0	0
2/8/2024 12:19	41602 CLEV_T1	1	0	-1	0.3	0	-0.3	0	0	0	0	0	0	0	0
2/8/2024 12:20	47403 PENS_T1	7	1	-6	0.33	0.2	-0.13	0	0	0	0	0	0	0	0
2/8/2024 12:20	67402 WAKE_T2	0	0	0	0	0	0	0.48	0.47	0	0	0	0	0	0
2/8/2024 12:21	47402 PENS_T1	0	1	1	0	0.5	0.5	0	0	0	0	0	0	0	0
2/8/2024 12:21	55001 NEWP_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/8/2024 12:22	58001 WCAR_T1	3	3	0	0.23	0.33	0.1	0	0	0	0	0	0	0	0
2/8/2024 12:25	58003 WCAR_T1	1	1	0	1.2	1.2	0	0.04	0	0	0	0	0	0	0
2/8/2024 12:25	67402 WAKE_T2	0	0	0	0	0	0	0.47	0.46	0	0	0	0	0	0
2/8/2024 12:25	15001 BLMO_T1	0	2	2	0	0.1	0.1	0	0	0	0	0	0	0	0
2/8/2024 12:26	45802 HEGI_T2	0	0	0	0	0	0	0.66	0.61	0	0	0	0	0	0
2/8/2024 12:26	15001 BLMO_T1	0	2	2	0	0.1	0.1	0	0	0	0	0	0	0	0
2/8/2024 12:27	15001 BLMO_T1	0	2	2	0	0.1	0.1	0	0	0	0	0	0	0	0
2/8/2024 12:27	45802 HEGI_T2	0	0	0	0	0	0	0.66	0.61	0	0	0	0	0	0
2/8/2024 12:30	40101 HUNT_T2	0	1	1	0	0	0	-0.49	-0.62	0	0	0	0	0	0
2/8/2024 12:30	43201 MVIL_T2	0	2	2	0	0	0	-0.37	-0.37	0	0	0	0	0	0
2/8/2024 12:30	43201 MVIL_T2	0	2	2	0	0	0	-0.37	-0.37	0	0	0	0	0	0
2/8/2024 12:31	47402 PENS_T1	1	1	0	0.5	0.9	0.4	0	0	0	0	0	0	0	0
2/8/2024 12:33	40101 HUNT_T2	0	1	1	0	0	0	-0.49	-0.62	0	0	0	0	0	0
2/8/2024 12:33	64101 REFR_T1	4	3	-1	0.2	0.33	0.13	-0.11	-0.13	0	0	0	0	0	0
2/8/2024 12:34	64101 REFR_T1	4	3	-1	0.2	0.33	0.13	-0.11	-0.13	0	0	0	0	0	0
2/8/2024 12:35	43201 MVIL_T2	0	2	2	0	0	0	0	0	0	0	0	0	0	0
2/8/2024 12:35	65803 RTWN_T2	1	1	0	0.3	0.1	-0.2	0	0	0	0	0	0	0	0
2/8/2024 12:35	64101 REFR_T1	4	3	-1	0.2	0.33	0.13	-0.22	-0.26	0	0	0	0	0	0
2/8/2024 12:36	64101 REFR_T1	4	3	-1	0.2	0.33	0.13	-0.44	-0.53	0	0	0	0	0	0
2/8/2024 12:36	65801 RTWN_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/8/2024 12:38	65801 RTWN_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/8/2024 12:41	48901 FOSP_T2	0	0	0	0	0	0	-0.42	-0.38	0	0	0	0	0	0
2/8/2024 12:42	50506 MECH_T1	1	0	-1	0.1	1.2	1.1	-0.01	-0.05	0	0	0	0	0	0
2/8/2024 12:42	41501 FAIR_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/8/2024 12:43	26401 INOR_T1	38	0	-38	0.18	0	-0.18	0.47	0.44	0	0	0	0	0	0
2/8/2024 12:45	26402 INOR_T1	5	4	-1	0.52	0.48	-0.04	-0.9	-0.9	0	0	0	0	0	0
2/8/2024 12:46	26401 INOR_T1	0	0	0	0	0	0	0.47	0.44	0	0	0	0	0	0
2/8/2024 12:46	26401 INOR_T1	0	0	0	0	0	0	0.47	0.44	0	0	0	0	0	0
2/8/2024 12:47	41903 REED_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/8/2024 12:48	65004 NEFF_T2	1	1	0	0.4	0.4	0	0	0	0	0	0	0	0	0
2/8/2024 12:50	65005 NEFF_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/8/2024 12:50	14401 SSLA_T1	1	1	0	0.2	0.2	0	0	0	0	0	0	0	0	0
2/8/2024 12:51	43102 SMIL_T2	9	7	-2	0.76	0.74	-0.02	0	0	0	0	0	0	0	0
2/8/2024 12:51	42903 MIDD_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/8/2024 12:52	43103 SMIL_T2	20	18	-2	0.84	0.86	0.02	0	0	0	0	0	0	0	0
2/8/2024 12:52	41901 REED_T1	10	10	0	0.95	0.79	-0.16	0	0	0	0	0	0	0	0
2/8/2024 12:52	42901 MIDD_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/8/2024 12:52	14404 SSLA_T1	14	7	-7	0.26	0.2	-0.06	0	0	0	0	0	0	0	0
2/8/2024 12:52	15103 UPHA_T2	7	6	-1	0.31	0.33	0.02	0.38	0.33	0	0	0	0	0	0
2/8/2024 12:52	41902 REED_T1	0	0	0	0	0	0	1.08	1.12	0	0	0	0	0	0
2/8/2024 12:52	15104 UPHA_T2	0	0	0	0	0	0	0.75	0.76	0	0	0	0	0	0
2/8/2024 12:53	50503 MECH_T1	1	1	0	1.5	1.8	0.3	0	0	0	0	0	0	0	0
2/8/2024 12:53	43101 SMIL_T2	2	2	0	0.3	0.4	0.1	0	0	0	0	0	0	0	0
2/8/2024 13:02	54701 NEBL_T1	1	5	4	0.8	0.35	-0.45	0	0	0	0	0	0	0	0
2/8/2024 13:03	65005 NEFF_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/8/2024 13:04	65005 NEFF_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/8/2024 13:05	64101 REFR_T1	0	1	1	0	0.3	0.3	-0.14	-0.13	0	0	0	0	0	0
2/8/2024 13:06	54701 NEBL_T1	1	5	4	0.8	0.35	-0.45	0	0	0	0	0	0	0	0
2/8/2024 13:08	66703 STRA_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/8/2024 13:13	65003 NEFF_T2	2	64	62	0.1	0.12	0.02	-0.54	-0.56	0	0	0	0	0	0
2/8/2024 13:18	65005 NEFF_T2	0	1	1	0	0.1	0.1	0	0	0	0	0	0	0	0
2/8/2024 13:22	14402 SSLA_T1	3	2	-1	0.4	0.4	0	0	0	0	0	0	0	0	0
2/8/2024 13:24	14401 SSLA_T1	1	1	0	0.1	0.2	0.1	0	0	0	0	0	0	0	0
2/8/2024 13:30	64201 KINZ_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/8/2024 13:33	40601 PIGR_T1	0	4	4	0	0.3	0.3	0	0	0	0	0	0	0	0
2/8/2024 13:39	67402 WAKE_T2	0	0	0	0	0	0	0.42	0.45	0	0	0	0	0	0
2/8/2024 13:44	67401 WAKE_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/8/2024 13:48	47403 PENS_T1	1	4	3	0.6	0.43	-0.17	0	0	0	0	0	0	0	0
2/8/2024 13:49	43201 MVIL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/8/2024 13:49	47401 PENS_T1	3	2	-1	0.63	0.3	-0.33	1.24	1.19	0	0	0	0	0	0
2/8/2024 13:50	65004 NEFF_T2	2	7	5	0.25	0.24	-0.01	0	0	0	0	0	0	0	0
2/8/2024 13:50	42801 SELI_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/8/2024 13:50	66703 STRA_T1	0	1	1	0	0.1	0.1	-0.15	-0.18	0	0	0	0	0	0
2/8/2024 13:50	47402 PENS_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/8/2024 13:52	42802 SELI_T1	1	1	0	0.1	0.4	0.3	-1.84	-1.66	0	0	0	0	0	0
2/8/2024 13:52	64101 REFR_T1	1	1	0	0	0.5	0.5	-0.15	-0.13	0	0	0	0	0	0
2/8/2024 13:54	10702 CATA_T2	1	1	0	0.1	0.5	0.4	0	0	0	0	0	0	0	0
2/8/2024 13:55	67402 WAKE_T2	0	0	0	0	0	0	0.45	0.48	0	0	0	0	0	0
2/8/2024 13:57	24101 EHAZ_T1	9	17	8	0.46	0.22	-0.24	0	0	0	0	0	0	0

Appendix C - Grid Benefits Achieved in Each Instance of Active Management

2/8/2024 14:20	43202 MVIL_T2	3	0	-3	0.1	0	-0.1	-1.2	-1.24	0	0	0	0	0	0
2/8/2024 14:20	64101 REFR_T1	1	3	2	0.5	0.17	-0.33	-0.46	-0.4	0	0	0	0	0	0
2/8/2024 14:20	57401 SPAN_T1	45	41	-4	0.26	0.2	-0.06	-1.12	-1.15	0	0	0	0	0	0
2/8/2024 14:21	57401 SPAN_T1	45	41	-4	0.26	0.2	-0.06	-1.36	-1.45	0	0	0	0	0	0
2/8/2024 14:21	42903 MIDD_T2	0	0	0	0	0	0	2.02	2.16	0	0	0	0	0	0
2/8/2024 14:21	67402 WAKE_T2	0	0	0	0	0	0	0.48	0.45	0	0	0	0	0	0
2/8/2024 14:21	55002 NEWP_T1	7	7	0	0.87	0.69	-0.18	-0.24	-0.22	0	0	0	0	0	0
2/8/2024 14:21	58402 MORO_T1	0	0	0	0	0	0	-0.2	-0.21	0	0	0	0	0	0
2/8/2024 14:21	43001 ALWD_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/8/2024 14:21	65002 NEFF_T2	2	2	0	0.1	0.15	0.05	0	0	0	0	0	0	0	0
2/8/2024 14:21	66702 STRA_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/8/2024 14:21	58402 MORO_T1	0	0	0	0	0	0	-0.2	-0.21	0	0	0	0	0	0
2/8/2024 14:21	67001 STHI_T2	11	30	19	0.18	0.14	-0.04	0	0	0	0	0	0	0	0
2/8/2024 14:21	64101 REFR_T1	1	3	2	0.5	0.17	-0.33	-0.46	-0.4	0	0	0	0	0	0
2/8/2024 14:21	57403 SPAN_T1	54	31	-23	0.24	0.28	0.04	0.03	0.02	0	0	0	0	0	0
2/8/2024 14:22	66505 SMAN_T2	1	0	-1	0.1	0	-0.1	0	0	0	0	0	0	0	0
2/8/2024 14:22	67002 STHI_T2	8	15	7	0.23	0.25	0.02	2.12	2.2	0	0	0	0	0	0
2/8/2024 14:22	18001 ZION_T1	2	3	1	0.1	0.43	0.33	0	0	0	0	0	0	0	0
2/8/2024 14:22	59102 WALK_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/8/2024 14:23	57403 SPAN_T1	54	31	-23	0.24	0.28	0.04	0.05	0.03	0	0	0	0	0	0
2/8/2024 14:23	59101 WALK_T2	0	0	0	0	0	0	2.33	1.9	0	0	0	0	0	0
2/8/2024 14:23	61502 EPET_T1	1	1	0	0.2	0.1	-0.1	0	0	0	0	0	0	0	0
2/8/2024 14:23	67401 WAKE_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/8/2024 14:23	67603 WARW_T1	1	0	-1	0.1	0	-0.1	-0.02	-0.06	0	0	0	0	0	0
2/8/2024 14:24	67604 WARW_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/8/2024 14:24	59102 WALK_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/8/2024 14:24	57401 SPAN_T1	45	41	-4	0.26	0.2	-0.06	0	0	0	0	0	0	0	0
2/8/2024 14:25	57401 SPAN_T1	45	41	-4	0.26	0.2	-0.06	-1.15	-0.93	0	0	0	0	0	0
2/8/2024 14:26	59102 WALK_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/8/2024 14:26	67402 WAKE_T2	0	0	0	0	0	0	0.45	-0.38	0	0	0	0	0	0
2/8/2024 14:26	67603 WARW_T1	1	0	-1	0.1	0	-0.1	0	0	0	0	0	0	0	0
2/8/2024 14:26	43001 ALWD_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/8/2024 14:27	60801 BUCK_T1	0	0	0	0	0	0	0.09	0.13	0	0	0	0	0	0
2/8/2024 14:27	60102 COCA_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/8/2024 14:27	60902 DONG_T2	0	0	0	0	0	0	0.45	0.43	0	0	0	0	0	0
2/8/2024 14:28	28805 LAKE_T1	0	15	15	0	0.3	0.3	-0.24	-0.24	0	0	0	0	0	0
2/8/2024 14:28	40101 HUNT_T2	0	0	0	0	0	0	-0.66	-0.62	0	0	0	0	0	0
2/8/2024 14:29	53901 HALI_T2	1	2	1	0.9	0.55	-0.35	0	0	0	0	0	0	0	0
2/8/2024 14:29	60102 COCA_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/8/2024 14:30	43202 MVIL_T2	0	0	0	0	0	0	-0.62	-0.63	0	0	0	0	0	0
2/8/2024 14:31	58401 MORO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/8/2024 14:31	43001 ALWD_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/8/2024 14:31	43202 MVIL_T2	0	0	0	0	0	0	-0.62	-0.63	0	0	0	0	0	0
2/8/2024 14:31	53901 HALI_T2	1	4	3	1	0.33	-0.67	0	0	0	0	0	0	0	0
2/8/2024 14:31	43201 MVIL_T2	0	0	0	0	0	0	-0.4	-0.38	0	0	0	0	0	0
2/8/2024 14:31	40101 HUNT_T2	0	0	0	0	0	0	-1.33	-1.23	0	0	0	0	0	0
2/8/2024 14:32	53903 HALI_T2	4	5	1	0.8	0.86	0.06	0	0	0	0	0	0	0	0
2/8/2024 14:32	64801 MONE_T2	111	205	94	0.35	0.34	-0.01	0	0	0	0	0	0	0	0
2/8/2024 14:32	55002 NEWP_T1	7	7	0	0.53	0.67	0.14	-0.88	-0.92	0	0	0	0	0	0
2/8/2024 14:33	53902 HALI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/8/2024 14:33	13704 SCHN_T2	0	1	1	0	0.1	0.1	-0.4	-0.39	0	0	0	0	0	0
2/8/2024 14:33	58401 MORO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/8/2024 14:33	13905 SEID_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/8/2024 14:33	16406 MOPO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/8/2024 14:33	65004 NEFF_T2	4	3	-1	0.2	0.17	-0.03	0	0	0	0	0	0	0	0
2/8/2024 14:33	15604 NSTR_T1	0	0	0	0	0	0.15	0.16	0	0	0	0	0	0	0
2/8/2024 14:33	64801 MONE_T2	111	205	94	0.35	0.34	-0.01	-0.41	-0.43	0	0	0	0	0	0
2/8/2024 14:34	43101 SMIL_T2	1	1	0	0.2	0	-0.2	0	0	0	0	0	0	0	0
2/8/2024 14:34	58401 MORO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/8/2024 14:34	13701 SCHN_T2	0	1	1	0	0.1	0.1	0	0	0	0	0	0	0	0
2/8/2024 14:35	12501 MITR_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/8/2024 14:35	42802 SELI_T1	1	0	-1	0.2	0	-0.2	-3.34	-3.46	0	0	0	0	0	0
2/8/2024 14:35	64802 MONE_T2	70	84	14	0.21	0.24	0.03	0.22	0.24	0	0	0	0	0	0
2/8/2024 14:36	42801 SELI_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/8/2024 14:36	43001 ALWD_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/8/2024 14:36	46004 BERW_T2	0	0	0	0	0	0	-0.3	-0.28	0	0	0	0	0	0
2/8/2024 14:36	43201 MVIL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/8/2024 14:36	46001 BERW_T1	0	0	0	0	0	0	1.54	1.52	0	0	0	0	0	0
2/8/2024 14:36	57401 SPAN_T1	41	2	-39	0.2	0.85	0.65	-1.15	-0.93	0	0	0	0	0	0
2/8/2024 14:36	15604 NSTR_T1	0	0	0	0	0	0	0.15	0.16	0	0	0	0	0	0
2/8/2024 14:37	43001 ALWD_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/8/2024 14:37	28803 LAKE_T1	2	2	0	0.25	0.15	-0.1	0	0	0	0	0	0	0	0
2/8/2024 14:37	13704 SCHN_T2	0	1	1	0	0.1	0.1	-0.4	-0.39	0	0	0	0	0	0
2/8/2024 14:37	66703 STRA_T1	1	0	-1	0.2	0	-0.2	-0.11	-0.22	0	0	0	0	0	0
2/8/2024 14:37	57401 SPAN_T1	41	2	-39	0.2	0.85	0.65	-5.75	-4.65	0	0	0	0	0	0
2/8/2024 14:37	42903 MIDD_T2	0	0	0	0	0	0	2.16	1.43	0	0	0	0	0	0
2/8/2024 14:37	57401 SPAN_T1	41	2	-39	0.2	0.85	0.65	-5.75	-4.65	0	0	0	0	0	0
2/8/2024 14:37	59101 WALK_T2	0	0	0	0	0	0	1.9	1.71	0	0	0	0	0	0
2/8/2024 14:37	67402 WAKE_T2	0	0	0	0	0	0	0.45	-0.38	0	0	0	0	0	0
2/8/2024 14:37	67002 STHI_T2	10	14	4	0.23	0.26	0.03	1.1	1.08	0	0	0	0	0	0
2/8/2024 14:38	43108 SMIL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/8/2024 14:38	66502 SMAN_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/8/2024 14:38	42802 SELI_T1	1	0	-1	0.2	0	-0.2	-1.73	-1.36	0	0	0	0	0	0
2/8/2024 14:38	60201 ATGL_T2	0	0	0	0	0	0	0.41	0.48	0	0	0	0	0	0
2/8/2024 14:38	67001 STHI_T2	13	29	16	0.17	0.14	-0.03	0	0	0	0	0	0	0	0
2/8/2024 14:38	60803 BUCK_T1	0	0	0	0	0	0	-0.55	-0.53	0	0	0	0	0	0
2/8/2024 14:38	59102 WALK_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/8/2024 14:38	67401 WAKE_T2	0	0	0	0	0	0	-1.13	-1.11	0	0	0	0	0	0
2/8/2024 14:38	67402 WAKE_T2	0	0	0	0	0	0	0.45	-0.38	0	0	0	0	0	0
2/8/2024 14:38	57403 SPAN_T1	25	29	4	0.29	0.25	-0.04	0.02	0.02	0	0	0	0	0	0
2/8/2024 14:39	10707 CATA_T2	0	1	1	0	0.2	0.2	0	0	0	0	0	0	0	0
2/8/2024 14:39	60101 COCA_T1	5	5	0	0.44	0.38	-0.06	0.38	0.24	0	0	0	0	0	0
2/8/2024 14:39	61502 EPET_T1	1	1	0	0.1	0.1	0	0	0	0	0	0	0	0	0
2/8/2024 14:39	67605 WARW_T1	68	50	-18	0.61	0.72	0.11	-1.16	-1.1	0	0	0	0	0	0
2/8/2024 14:39	60801 BUCK_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/8/2024 14:39	57403 SPAN_T1	25	29	4	0.29	0.25	-0.04	0.02	0.01	0	0	0	0	0	0
2/8/2024 14:39	57403 SPAN_T1	25	29	4	0.29	0.25	-0.04	0.02	0.01	0	0	0	0	0	0
2/8/2024 14:40	54501 ENOL_T2	0	0	0	0	0	0	0.06	0.06	0	0	0	0	0	0
2/8/2024 14:40	61505 EPET_T1	0	0	0	0	0	0	0.11	0.12	0	0	0	0	0	0
2/8/2024 14:40	57403 SPAN_T1	25	29	4	0.29	0.25	-0.04	0	0	0	0	0	0	0	0
2/8/2024 14:41	10701 CATA_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/8/2024 14:41	60101 COCA_T1	5	5	0	0.44	0.38	-0.06	0.38	0.24	0	0	0	0	0	0
2/8/2024 14:41	60803 BUCK_T1	0	0	0	0	0	0	-0.53	-0.55	0	0	0	0	0	0
2/8/2024 14:41	43001 ALWD_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/8/2024 14:41	67603 WARW_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/8/2024 14:42	65004 NEFF_T2	4	3	-1	0.2	0.17	-0.03	0	0	0	0	0	0	0	0
2/8/2024 14:42	67402 WAKE_T2	0	0	0	0	0	0	-0.38	0.18	0	0	0	0	0	0
2/8/2024 14:42	67603 WARW_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/8/2024 14:43	60904 DONG_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/8/2024 14:43	64203 KINZ_T1	0	0	0	0	0	0	0.15	0.3	0	0	0	0	0	0
2/8/2024 14:43	16103 BING_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/8/2024 14:44	53902 HALI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/8/2024 14:44	28801 LAKE_T1	89	244	155	0.21	0.22	0.01	0	0	0	0	0	0	0	0
2/8/2024 14:45	53903 HALI_T2	5	4	-1	0.86	0.93	0.07	-0.15	-0.11	0	0	0	0	0	0
2/8/2024 14:46	47403 PENS_T1	1	1	0	1.6	0.1	-1.5	0	0	0	0	0	0	0	0
2/8/2024 14:46	64801 MONE_T2	154	180	26	0.33	0.37	0.04	-0.43	-0.41	0	0	0	0	0	0
2/8/2024 14:46	26401 INOR_T1	1	1	0	0.1	0.2	0.1	0	0	0	0	0	0	0	0
2/8/2024 14:46	64802 MONE_T2	80	70	-10	0.24	0.24	0	0.24	0.23	0	0	0	0	0	0
2/8/2024 14:46	44601 SALE_T2	0	1	1	0	0.2	0.2	0.01	-0.03	0	0	0	0	0	0
2/8/2024 14:46	53902 HALI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/8/2024 14:47	26401 INOR_T1	1	1	0	0.1	0.2	0.1	0.71	0.75	0	0	0	0	0	0
2/8/2024 14:47	43202 MVIL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/8/2024 14:47	47402 PENS_T1	0	1	1	0	0	0	0	0	0	0	0	0	0	0
2/8/2024 14:47	58401 MORO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/8/2024 14:48	47402 PENS_T1	0	1	1	0	0	0	0	0	0	0	0	0	0	0
2/8/2024 14:48	55001 NEWP_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/8/2024 14:48	58301 NOTT_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/8/2024 14:48	64101 REFR_T1	0	0	0	0	0	0	-0.12	-0.14	0	0	0	0	0	0
2/8/2024 14:49	58402 MORO_T1	0	0	0	0	0	0	-0.4	-0.32	0	0	0	0	0	0
2/8/2024 14:49	65001 NEFF_T2	219	225	6	0.18	0.21	0.03	-0.62	-0.56	0	0	0	0	0	0
2/8/2024 14:49	55001 NEWP_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/8/2024 14:49	59002 MIFF_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/8/2024 14:49	16406 MOPO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/8/2024 14:49	64802 MONE_T2	80	70	-10	0.24	0.24	0	0	0	0	0	0	0	0	0
2/8/2024 14:50	47403 PENS_T1	1	1	0	1.6	0.1	-1.5	0	0	0	0	0	0	0	0
2/8/2024 14:50	55001 NEWP_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/8/2024 14:51	47403 PENS_T1	1	1	0	1.6	0.1	-1.5	0	0	0	0	0	0	0	0
2/8/2024 14:51	64101 REFR_T1	0	0	0	0	0	0	-0.36	-0.43	0	0	0	0	0	0
2/8/2024 14:52	43106 SMIL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/8/2024 14:52	43001 ALWD_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/8/2024 14:52	67401 WAKE_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/8/2024 14:52	64101 REFR_T1	0	0	0	0	0	0	-0.49	-0.57	0	0	0	0	0	0
2/8/2024 14:52	26402 INOR_T1	3	12	9	0.17	0.27	0.1	-0.99	-1.07	0	0	0	0	0	0
2/8/2024 14:53	65002 NEFF_T2	2	2	0	0.15	0.1	-0.05	0	0	0	0	0	0	0	0
2/8/2024 14:53	15001 BLMO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/8/2024 14:53	55002 NEWP_T1	7	6	-1	0.63	0.68	0.05	-0.23	-0.25	0	0	0	0	0	0
2/8/2024 14:53	44302 BEAV_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/8/2024 14:54	24103 EHAZ_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/8/2024 14:54	15001 BLMO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/8/2024 14:54	67605 WARW_T1	47	45	-2	0.73	0.74	0.01	0	0	0	0	0	0	0	0
2/8/2024 14:56	67605 WARW_T1	47	45	-2	0.73	0.74	0.01	0	0	0	0	0	0	0	0
2/8/2024 14:57	15001 BLMO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/8/2024 14:57	40101 HUNT_T2	0	0	0	0	0	0	-0.65	-0.61	0	0	0	0	0	0
2/8/2024 14:57	43001 ALWD_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/8/2024 14:58	67401 WAKE_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/8/2024 14:58	15001 BLMO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/8/2024 14:59	40101 HUNT_T2	0	0	0	0	0	0	-0.65	-0.61	0	0	0	0	0	0
2/8/2024 15:00	24101 EHAZ_T1	3	21	18	0.37	0.24	-0.13	0	0	0	0	0	0	0	0
2/8/2024 15:00	40101 HUNT_T2	0	0	0	0	0	0	-0.65	-0.61	0	0	0	0	0	0
2/8/2024 15:03	43201 MVIL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/8/2024 15:03	40101 HUNT_T2	0	0	0	0	0	0	-0.65	-0.61	0	0	0	0	0	0
2/8/2024 15:04	43201 MVIL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/8/2024 15:05	46701 RENO_T1	73	99	26	0.31	0.32	0.01	0	0	0	0	0	0	0	0
2/8/2024 15:06	59101 WALK_T2	0	0	0	0	0	0	3.74	3.78	0	0	0	0	0	0
2/8/2024 15:07	43201 MVIL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/8/2024 15:07	64101 REFR_T1	0	0	0	0	0	0	-0.14	-0.14	0	0	0	0	0	0
2/8/2024 15:08	43001 ALWD_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/8/2024 15:08	67402 WAKE_T2	0	0	0	0	0	0	0.18	0.2	0	0	0	0	0	0
2/8/2024 15:08	56801 BENV_T1	40	37	-3	0.73	0.64	-0.09	-0.8	-0.83	0	0	0	0	0	0
2/8/2024 15:08	56802 BENV_T2	2	2	0	0.8	0.7	-0.1	-0.68	-0.7	0	0	0	0	0	0
2/8/2024 15:08	24902 WHHA_T1	0	0	0	0	0	0	0.41	0.4	0	0	0	0	0	0
2/8/2024 15:09	57401 SPAN_T1	2	2	0	0.55	0.65	0.1	-0.93	-0.89	0	0	0	0	0	0
2/8/2024 15:09	56801 BENV_T1	40	37	-3	0.73	0.64	-0.09	-2.49	-2.49	0	0	0	0	0	0
2/8/2024 15:10	24103 EHAZ_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/8/2024 15:10	43001 ALWD_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/8/2024 15:10	56801 BENV_T1	40	37	-3	0.73	0.64	-0.09	-0.83	-0.83	0	0	0	0	0	0
2/8/2024 15:10	59102 WALK_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/8/2024 15:13	40101 HUNT_T2	0	0	0	0	0	0	-0.61	-0.77	0	0	0	0	0	0
2/8/2024 15:13	67402 WAKE_T2	0	0	0	0	0	0	0.2	0.2	0	0	0	0	0	0
2/8/2024 15:14	43001 ALWD_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/8/2024 15:15	40101 HUNT_T2	0	0	0	0	0	0	-0.61	-0.77	0	0	0	0	0	0
2/8/2024 15:16	24105 EHAZ_T1

2/8/2024 15:59	60701 BREC_T1	0	2	2	0	0.2	0.2	-0.58	-0.57	0	0	0	0	0	0
2/8/2024 16:00	40101 HUNT_T2	0	0	0	0	0	0	-0.75	-0.78	0	0	0	0	0	0
2/8/2024 16:03	24105 EHAZ_T1	4	4	0	5.43	5.5	0.07	-1.97	-1.97	0	0	0	0	0	0
2/8/2024 16:03	64101 REFR_T1	0	0	0	0	0	0	-0.12	-0.12	0	0	0	0	0	0
2/8/2024 16:03	59402 RFLD_T2	0	0	0	0	0	0	-0.73	-0.81	0	0	0	0	0	0
2/8/2024 16:04	64101 REFR_T1	0	0	0	0	0	0	-0.12	-0.12	0	0	0	0	0	0
2/8/2024 16:05	64101 REFR_T1	0	0	0	0	0	0	-0.24	-0.24	0	0	0	0	0	0
2/8/2024 16:06	64101 REFR_T1	0	0	0	0	0	0	-0.36	-0.36	0	0	0	0	0	0
2/8/2024 16:06	67401 WAKE_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/8/2024 16:09	60701 BREC_T1	2	0	-2	0.2	0	-0.2	-0.57	-0.04	0	0	0	0	0	0
2/8/2024 16:10	60701 BREC_T1	2	0	-2	0.2	0	-0.2	-0.57	-0.04	0	0	0	0	0	0
2/8/2024 16:11	67402 WAKE_T2	0	0	0	0	0	0	0.18	0.18	0	0	0	0	0	0
2/8/2024 16:11	60701 BREC_T1	2	0	-2	0.2	0	-0.2	-1.14	-0.07	0	0	0	0	0	0
2/8/2024 16:12	60701 BREC_T1	2	0	-2	0.2	0	-0.2	-1.14	-0.07	0	0	0	0	0	0
2/8/2024 16:13	13302 ORVI_T2	36	22	-14	0.18	0.2	0.02	0.86	0.89	0	0	0	0	0	0
2/8/2024 16:14	60701 BREC_T1	2	0	-2	0.2	0	-0.2	-0.57	-0.04	0	0	0	0	0	0
2/8/2024 16:15	42002 MNVL_T2	1	1	0	7.1	6.3	-0.8	0	0	0	0	0	0	0	0
2/8/2024 16:15	60701 BREC_T1	0	0	0	0	0	0	-0.57	-0.04	0	0	0	0	0	0
2/8/2024 16:16	40101 HUNT_T2	0	0	0	0	0	0	-0.78	-0.73	0	0	0	0	0	0
2/8/2024 16:19	59402 RFLD_T2	0	0	0	0	0	0	-0.81	-0.8	0	0	0	0	0	0
2/8/2024 16:20	14403 SSLA_T1	0	0	0	0	0	0	0.59	0.56	0	0	0	0	0	0
2/8/2024 16:22	14404 SSLA_T2	1	0	-1	0.3	0	-0.3	0	0	0	0	0	0	0	0
2/8/2024 16:22	67401 WAKE_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/8/2024 16:22	65005 NEFF_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/8/2024 16:27	67402 WAKE_T2	0	0	0	0	0	0	0.18	0.2	0	0	0	0	0	0
2/8/2024 16:33	41901 REED_T1	10	11	1	0.6	0.77	0.17	0	0	0	0	0	0	0	0
2/8/2024 16:34	41902 REED_T1	0	0	0	0	0	0	2.36	2.3	0	0	0	0	0	0
2/8/2024 16:37	67401 WAKE_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/8/2024 16:41	44301 BEAV_T2	0	0	0	0	0	0	-0.19	-0.27	0	0	0	0	0	0
2/8/2024 16:43	67401 WAKE_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/8/2024 16:53	67401 WAKE_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/8/2024 16:58	67401 WAKE_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/8/2024 17:09	67401 WAKE_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/8/2024 17:14	67402 WAKE_T2	0	0	0	0	0	0	-0.4	-0.39	0	0	0	0	0	0
2/8/2024 17:20	65001 NEFF_T2	0	0	0	0	0	0	-0.89	-0.88	0	0	0	0	0	0
2/8/2024 17:24	40502 CRES_T2	0	0	0	0	0	0	-0.26	-0.28	0	0	0	0	0	0
2/8/2024 18:12	65005 NEFF_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/8/2024 18:13	40101 HUNT_T2	0	4	4	0	0	0	-0.84	-0.85	0	0	0	0	0	0
2/8/2024 19:07	59402 RFLD_T2	0	0	0	0	0	0	-0.79	-0.81	0	0	0	0	0	0
2/8/2024 19:13	16301 ALPA_T1	0	0	0	0	0	0	-0.43	-0.46	0	0	0	0	0	0
2/8/2024 19:14	54503 ENOL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/8/2024 19:14	62606 ENGL_T1	0	1	1	0	0.1	0.1	0	0	0	0	0	0	0	0
2/8/2024 19:15	65003 NEFF_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/8/2024 19:16	64203 KINZ_T1	0	0	0	0	0	0	-0.34	-0.4	0	0	0	0	0	0
2/8/2024 19:16	54502 ENOL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/8/2024 19:17	10703 CATA_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/8/2024 19:18	29402 BELT_T1	1	1	0	9.1	9	-0.1	0	0	0	0	0	0	0	0
2/8/2024 19:18	17002 RIRO_T2	0	0	0	0	0	0	0.37	0.33	0	0	0	0	0	0
2/8/2024 19:18	60102 COCA_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/8/2024 19:19	15704 TANN_T1	0	0	0	0	0	0	-1.12	-1.13	0	0	0	0	0	0
2/8/2024 19:20	27503 WEIS_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/8/2024 19:20	20401 ASHF_T2	2	2	0	0.35	0.35	0	0	0	0	0	0	0	0	0
2/8/2024 19:20	62607 ENGL_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/8/2024 19:20	13704 SCHN_T2	0	0	0	0	0	0	-0.4	-0.4	0	0	0	0	0	0
2/8/2024 19:20	24902 WHHA_T1	0	0	0	0	0	0	0.44	0.47	0	0	0	0	0	0
2/8/2024 19:20	26401 INOR_T1	5	5	0	0.16	0.12	-0.04	0.24	0.26	0	0	0	0	0	0
2/8/2024 19:20	61101 BERK_T5	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/8/2024 19:20	12701 MACU_T1	0	0	0	0	0	0	0.08	0.07	0	0	0	0	0	0
2/8/2024 19:20	16302 ALPA_T2	0	0	0	0	0	0	0.73	0.64	0	0	0	0	0	0
2/8/2024 19:20	15604 NSTR_T1	1	1	0	2.4	0	-2.4	0.3	0.31	0	0	0	0	0	0
2/8/2024 19:21	61101 BERK_T5	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/8/2024 19:21	13903 SEID_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/8/2024 19:21	13501 MCMI_T1	0	0	0	0	0	0	-0.08	-0.1	0	0	0	0	0	0
2/8/2024 19:21	67001 STHI_T2	1	1	0	0.3	0.3	0	0	0	0	0	0	0	0	0
2/8/2024 19:21	29402 BELT_T1	1	1	0	9.1	9	-0.1	0	0	0	0	0	0	0	0
2/8/2024 19:21	15604 NSTR_T1	1	1	0	2.4	0	-2.4	0.3	0.31	0	0	0	0	0	0
2/8/2024 19:21	13503 MCMI_T2	46	25	-21	0.23	0.23	0	-0.84	-0.83	0	0	0	0	0	0
2/8/2024 19:22	61103 BERK_T5	0	0	0	0	0	0	0.03	0.04	0	0	0	0	0	0
2/8/2024 19:22	16101 BING_T2	100	123	23	0.7	0.97	0.27	-0.47	-0.5	0	0	0	0	0	0
2/8/2024 19:22	28803 LAKE_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/8/2024 19:22	65005 NEFF_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/8/2024 19:22	67002 STHI_T2	0	0	0	0	0	0	0.51	0.55	0	0	0	0	0	0
2/8/2024 19:22	13502 MCMI_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/8/2024 19:22	60102 COCA_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/8/2024 19:22	16302 ALPA_T2	0	0	0	0	0	0	0.73	0.64	0	0	0	0	0	0
2/8/2024 19:22	16301 ALPA_T1	0	0	0	0	0	0	-0.43	-0.46	0	0	0	0	0	0
2/8/2024 19:23	64305 LINC_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/8/2024 19:23	55002 NEWP_T1	4	4	0	0.9	0.95	0.05	-0.24	-0.23	0	0	0	0	0	0
2/8/2024 19:23	60701 BREC_T1	0	0	0	0	0	0	-0.51	-0.55	0	0	0	0	0	0
2/8/2024 19:23	60101 COCA_T1	0	0	0	0	0	0	0.28	0.26	0	0	0	0	0	0
2/8/2024 19:23	67605 WARW_T1	12	13	1	0.23	0.45	0.22	-0.74	-0.8	0	0	0	0	0	0
2/8/2024 19:23	10801 CHHI_T1	0	0	0	0	0	0	-0.9	-0.9	0	0	0	0	0	0
2/8/2024 19:24	10707 CATA_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/8/2024 19:24	43302 WATS_T2	4	4	0	0.53	0.7	0.17	0	0	0	0	0	0	0	0
2/8/2024 19:24	14401 SSLA_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/8/2024 19:24	42002 MNVL_T2	1	1	0	6	6.1	0.1	0	0	0	0	0	0	0	0
2/8/2024 19:24	26401 INOR_T1	5	5	0	0.16	0.12	-0.04	0	0	0	0	0	0	0	0
2/8/2024 19:24	60701 BREC_T1	0	0	0	0	0	0	-0.55	-0.53	0	0	0	0	0	0
2/8/2024 19:24	47002 HUGH_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/8/2024 19:24	46101 MACI_T2	0	0	0	0	0	0	0.68	0.7	0	0	0	0	0	0
2/8/2024 19:25	54501 ENOL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/8/2024 19:25	10707 CATA_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/8/2024 19:25	61303 EARL_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/8/2024 19:25	67204 TEHI_T2	0	0	0	0	0	0	0.11	0.11	0	0	0	0	0	0
2/8/2024 19:25	46301 ROHR_T1	0	0	0	0	0	0	0.18	0.18	0	0	0	0	0	0
2/8/2024 19:25	56802 BENV_T2	0	1	1	0	0.1	0.1	-0.71	-0.69	0	0	0	0	0	0
2/8/2024 19:25	29401 BELT_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/8/2024 19:25	46301 ROHR_T1	0	0	0	0	0	0	0.18	0.18	0	0	0	0	0	0
2/8/2024 19:25	67001 STHI_T2	1	1	0	0.3	0.3	0	0.05	0.06	0	0	0	0	0	0
2/8/2024 19:25	16302 ALPA_T2	0	0	0	0	0	0	0.64	0.62	0	0	0	0	0	0
2/8/2024 19:26	54501 ENOL_T2	0	0	0	0	0	0	0.1	0.1	0	0	0	0	0	0
2/8/2024 19:26	12704 MACU_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/8/2024 19:26	61505 EPET_T1	0	0	0	0	0	0	0.31	0.25	0	0	0	0	0	0
2/8/2024 19:26	49803 UNIV_T1	0	0	0	0	0	0	-1.11	-1.11	0	0	0	0	0	0
2/8/2024 19:26	55002 NEWP_T1	4	4	0	0.9	0.95	0.05	-0.46	-0.48	0	0	0	0	0	0
2/8/2024 19:26	42504 ALTA_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/8/2024 19:26	67001 STHI_T2	1	1	0	0.3	0.3	0	0	0	0	0	0	0	0	0
2/8/2024 19:26	57401 SPAN_T1	0	0	0	0	0	0	-0.81	-0.8	0	0	0	0	0	0
2/8/2024 19:26	23902 EFMO_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/8/2024 19:26	60701 BREC_T1	0	0	0	0	0	0	-1.11	-1.07	0	0	0	0	0	0
2/8/2024 19:26	67202 TEHI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/8/2024 19:26	54502 ENOL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/8/2024 19:26	47002 HUGH_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/8/2024 19:26	56504 ROCK_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/8/2024 19:26	13302 ORVI_T2	6	3	-3	0.13	0.13	0	1	1.01	0	0	0	0	0	0
2/8/2024 19:26	41801 GOCI_T2	1	1	0	0.5	0	-0.5	0	0	0	0	0	0	0	0
2/8/2024 19:26	43001 ALWD_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/8/2024 19:26	47403 PENS_T1	1	1	0	1.1	0.9	-0.2	0	0	0	0	0	0	0	0
2/8/2024 19:26	42204 SHEN_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/8/2024 19:26	57403 SPAN_T1	0	0	0	0	0	0	0.1	0.05	0	0	0	0	0	0
2/8/2024 19:26	15001 BLMO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/8/2024 19:27	67604 WARW_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/8/2024 19:27	54503 ENOL_T2	0	0	0	0	0	0	-1.81	-1.82	0	0	0	0	0	0
2/8/2024 19:27	57303 MOAL_T2	1	1	0	7.9	7.6	-0.3	0	0	0	0	0	0	0	0
2/8/2024 19:27	54502 ENOL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/8/2024 19:27	40101 HUNT_T2	1	1	0	0.2	0	-0.2	-0.83	-0.83	0	0	0	0	0	0
2/8/2024 19:27	54505 ENOL_T2	1	1	0	0.6	0.7	0.1	-1.28	-1.28	0	0	0	0	0	0
2/8/2024 19:27	60101 COCA_T1	0	0	0	0	0	0	0.26	0.28	0	0	0	0	0	0
2/8/2024 19:27	20403 ASHF_T2	0	0	0	0	0	0	0.29	0.33	0	0	0	0	0	0
2/8/2024 19:27	60801 BUCK_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/8/2024 19:27	13302 ORVI_T2	6	3	-3	0.13	0.13	0	1	1.01	0	0	0	0	0	0
2/8/2024 19:27	16402 MOPO_T1	0	0	0	0	0	0	-0.01	0.04	0	0	0	0	0	0
2/8/2024 19:27	12704 MACU_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/8/2024 19:27	16301 ALPA_T1	0	0	0	0	0	0	-0.92	-0.86	0	0	0	0	0	0
2/8/2024 19:27	60201 ATGL_T2	0	0	0	0	0	0	0.27	0.2	0	0	0	0	0	0
2/8/2024 19:27	40603 PIGR_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/8/2024 19:27	56802 BENV_T2	0	1	1	0	0.1	0.1	-0.71	-0.69	0	0	0	0	0	0
2/8/2024 19:27	15001 BLMO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/8/2024 19:28	45703 LIND_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/8/2024 19:28	47402 PENS_T1	1	0	-1	0.1	0	-0.1	0	0	0	0	0	0	0	0
2/8/2024 19:28	46301 ROHR_T1	0	0	0	0	0	0	0.18	0.18	0	0	0	0	0	0
2/8/2024 19:28	67502 WEWI_T2	0	0	0	0	0	0	-1.43	-1.47	0	0	0	0	0	0
2/8/2024 19:28	13302 ORVI_T2	6	3	-3	0.13	0.13	0	2.01	2.02	0	0	0	0	0	0
2/8/2024 19:28	56802 BENV_T2	0	1	1	0	0.1	0.1	-1.42	-1.38	0	0	0	0	0	0
2/8/2024 19:28	40903 JESH_T1	0	0	0	0	0	0	-0.77	-0.76	0	0	0	0	0	0
2/8/2024 19:28	52503 PROG_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/8/2024 19:28	26401 INOR_T1	5	5	0	0.16	0.12	-0.04	0.26	0.24	0	0	0	0	0	0
2/8/2024 19:28	41801 GOCI_T2	1	1	0	0.5	0	-0.5	0	0	0	0	0	0	0	0
2/8/2024 19:28	13704 SCHN_T2	0	0	0	0	0	0	-0.4	-0.39	0	0	0	0	0	0
2/8/2024 19:28	45002 DERR_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/8/2024 19:28	60701 BREC_T1	0	0	0	0	0	0	-1.11	-1.07	0	0	0	0	0	0
2/8/2024 19:28	55002 NEWP_T1	4	4	0	0.9	0.95	0.05	-0.23	-0.24	0	0	0	0	0	0
2/8/2024 19:28	16301 ALPA_T1	0	0	0	0	0	0	-0.46	-0.43	0	0	0	0	0	0
2/8/2024 19:29	54502 ENOL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/8/2024 19:29	54502 ENOL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/8/2024 19:29	47403 PENS_T1	1	1	0	1.1	0.9	-0.2	0	0	0	0	0	0	0	0
2/8/2024 19:29	51004 NHAR_T1	7	12	5	1.4	1	-0.4	0	0	0	0	0	0	0	0
2/8/2024 19:29	44302 BEAV_T2	1	1	0	0.1	0.1	0	0.22	0.21	0	0	0	0	0	0
2/8/2024 19:29	53901 HALI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/8/2024 19:29	57403 SPAN_T1	0	0	0	0	0	0	0.1	0.05	0	0	0	0	0	0
2/8/2024 19:29	46005 BERW_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/8/2024 19:29	43301 WATS_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/8/2024 19:29	44302 BEAV_T2	1	1	0	0.1	0.1	0	0.22	0.21	0	0	0	0	0	0
2/8/2024 19:29	42202 SHEN_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/8/2024 19:29	56801 BENV_T1	13	13	0	0.92	1.15	0.23	-0.7	-0.73	0	0	0	0	0	0
2/8/2024 19:29	46002 BERW_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/8/2024 19:29	45502 DERR_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/8/2024 19:29	12701 MACU_T1	0	0	0	0	0	0	0.07	0.09	0	0	0	0	0	0
2/8/2024 19:29	56802 BENV_T2	0	1	1	0	0.1	0.1	-2.13	-2.07	0	0	0	0	0	0
2/8/2024 19:30	54206 PENN_T2	0	0	0	0	0	0	-0.03	-0.03	0	0	0	0	0	0
2/8/2024 19:30	42801 SELI_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/8/2024 19:30	54506 ENOL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/8/2024 19:30	67503 WEWI_T2	0	0	0	0	0	0	-0.23	-0.13	0	0	0	0	0	0
2/8/2024 19:30	40603 PIGR_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/8/2024 19:30	46205 DANV_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/8/2024 19:30	42701 AUGU_T1	0	1	1	0	0.2	0.2	0	0	0	0	0	0	0	0
2/8/2024 19:30	42001 MNVL_T2	0	0	0	0	0	0	0.07	0.05	0	0	0	0	0	0
2/8/2024 19:30	26401 INOR_T1	5	6	1	0.12	0.17	0.05	0	0	0	0	0	0	0	0
2/8/2024 19:30	61502 EPET_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/8/2024 19:30	54204 PENN_T2	0	1	1	0	0.1	0.1	0	0	0	0	0	0	0	0
2/8/2024 19:30	43106 SMIL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/8/2024 19:30	43302 WATS_T2	4	4	0	0.5	0.7	0.2	0	0	0	0	0	0	0	0
2/8/2024 19:30	46002 BERW_T2	0	0	0	0	0

2/8/2024 19:31	47401 PENS_T1	0	0	0	0	0	0	0.88	0.74	0	0	0	0	0	0
2/8/2024 19:31	42701 AUGU_T1	0	1	1	0	0.2	0.2	0	0	0	0	0	0	0	0
2/8/2024 19:31	56803 BENV_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/8/2024 19:31	67001 STHI_T2	1	1	0	0.3	0.3	0	0	0	0	0	0	0	0	0
2/8/2024 19:31	52501 PROG_T1	0	0	0	0	0	0	0.27	0.24	0	0	0	0	0	0
2/8/2024 19:32	54504 ENOL_T2	0	0	0	0	0	0	-1.04	-1.07	0	0	0	0	0	0
2/8/2024 19:32	54503 ENOL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/8/2024 19:32	62607 ENGL_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/8/2024 19:32	59002 MIFF_T1	0	2	2	0	0.15	0.15	0	0	0	0	0	0	0	0
2/8/2024 19:32	43304 WATS_T2	0	2	2	0	0	0	0	0	0	0	0	0	0	0
2/8/2024 19:32	56802 BENV_T2	1	0	-1	0.1	0	-0.1	-2.84	-2.76	0	0	0	0	0	0
2/8/2024 19:32	43101 SMIL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/8/2024 19:32	57304 MOAL_T2	0	0	0	0	0	0	-0.39	-0.44	0	0	0	0	0	0
2/8/2024 19:32	55002 NEWP_T1	4	4	0	0.93	1.1	0.17	-0.23	-0.24	0	0	0	0	0	0
2/8/2024 19:32	46005 BERW_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/8/2024 19:32	52006 LING_T2	0	1	1	0	0.1	0.1	0	0	0	0	0	0	0	0
2/8/2024 19:32	52502 PROG_T2	0	0	0	0	0	0	-0.62	-0.63	0	0	0	0	0	0
2/8/2024 19:32	65002 NEFF_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/8/2024 19:32	54204 PENN_T2	0	1	1	0	0.1	0.1	0	0	0	0	0	0	0	0
2/8/2024 19:32	46803 HEPB_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/8/2024 19:32	61502 EPET_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/8/2024 19:32	67502 WEWI_T2	0	24	24	0	0.14	0.14	-1.43	-1.47	0	0	0	0	0	0
2/8/2024 19:32	45502 DERR_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/8/2024 19:32	63601 LETO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/8/2024 19:32	20403 ASHF_T2	0	0	0	0	0	0	0.29	0.33	0	0	0	0	0	0
2/8/2024 19:32	16302 ALPA_T2	0	0	0	0	0	0	0.64	0.62	0	0	0	0	0	0
2/8/2024 19:32	60201 ATGL_T2	0	0	0	0	0	0	0.27	0.2	0	0	0	0	0	0
2/8/2024 19:33	59001 MIFF_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/8/2024 19:33	59301 MCAL_T1	2	2	0	0.35	0.4	0.05	0	0	0	0	0	0	0	0
2/8/2024 19:33	54501 ENOL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/8/2024 19:33	28803 LAKE_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/8/2024 19:33	43108 SMIL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/8/2024 19:33	51102 CARL_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/8/2024 19:33	59102 WALK_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/8/2024 19:33	67502 WEWI_T2	0	24	24	0	0.14	0.14	0	0	0	0	0	0	0	0
2/8/2024 19:33	62604 ENGL_T1	1	1	0	0.3	0.2	-0.1	-0.45	-0.48	0	0	0	0	0	0
2/8/2024 19:33	56501 ROCK_T2	0	0	0	0	0	0	-1.49	-1.5	0	0	0	0	0	0
2/8/2024 19:33	54501 ENOL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/8/2024 19:33	64101 REFR_T1	0	0	0	0	0	0	-0.14	-0.14	0	0	0	0	0	0
2/8/2024 19:33	60801 BUCK_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/8/2024 19:33	43001 ALWD_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/8/2024 19:33	23902 EFMO_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/8/2024 19:34	42803 SELI_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/8/2024 19:34	56501 ROCK_T2	0	0	0	0	0	0	-2.99	-3.01	0	0	0	0	0	0
2/8/2024 19:34	56503 ROCK_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/8/2024 19:34	57401 SPAN_T1	0	0	0	0	0	0	-0.81	-0.8	0	0	0	0	0	0
2/8/2024 19:34	56802 BENV_T2	1	0	-1	0.1	0	-0.1	-0.71	-0.69	0	0	0	0	0	0
2/8/2024 19:34	55001 NEWP_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/8/2024 19:34	10805 CHNI_T2	1	7	6	7.9	2.34	-5.56	-0.3	-0.28	0	0	0	0	0	0
2/8/2024 19:34	54202 PENN_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/8/2024 19:34	45402 WBLO_T2	0	1	1	0	0.5	0.5	-0.76	-0.77	0	0	0	0	0	0
2/8/2024 19:34	59102 WALK_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/8/2024 19:35	67603 WARW_T1	0	0	0	0	0	0	0.03	-0.03	0	0	0	0	0	0
2/8/2024 19:35	43304 WATS_T2	0	2	2	0	0	0	0	0	0	0	0	0	0	0
2/8/2024 19:35	56503 ROCK_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/8/2024 19:35	62604 ENGL_T1	1	1	0	0.3	0.2	-0.1	-0.45	-0.48	0	0	0	0	0	0
2/8/2024 19:35	54502 ENOL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/8/2024 19:35	44701 MUNC_T2	5	51	46	0.14	0.2	0.06	-1.49	-1.52	0	0	0	0	0	0
2/8/2024 19:35	67604 WARW_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/8/2024 19:35	64101 REFR_T1	0	0	0	0	0	0	-0.14	-0.14	0	0	0	0	0	0
2/8/2024 19:35	42204 SHEN_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/8/2024 19:35	47402 PENS_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/8/2024 19:35	53902 HALI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/8/2024 19:35	57403 SPAN_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/8/2024 19:35	60803 BUCK_T1	0	0	0	0	0	0	-1.2	-1.2	0	0	0	0	0	0
2/8/2024 19:35	60101 COCA_T1	0	0	0	0	0	0	0.26	0.28	0	0	0	0	0	0
2/8/2024 19:35	67001 STHI_T2	1	1	0	0.3	0.3	0	0.05	0.06	0	0	0	0	0	0
2/8/2024 19:35	55101 WERT_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/8/2024 19:35	67503 WEWI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/8/2024 19:35	56802 BENV_T2	1	0	-1	0.1	0	-0.1	-2.13	-2.07	0	0	0	0	0	0
2/8/2024 19:36	43303 WATS_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/8/2024 19:36	47403 PENS_T1	1	1	0	0.8	0.9	0.1	0	0	0	0	0	0	0	0
2/8/2024 19:36	62606 ENGL_T1	1	1	0	0.1	0.3	0.2	0	0	0	0	0	0	0	0
2/8/2024 19:36	46201 DANV_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/8/2024 19:36	56504 ROCK_T2	0	0	0	0	0	0	-0.37	-0.26	0	0	0	0	0	0
2/8/2024 19:36	53903 HALI_T2	2	2	0	1.2	0.95	-0.25	-0.13	-0.13	0	0	0	0	0	0
2/8/2024 19:36	67505 WEWI_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/8/2024 19:36	56504 ROCK_T2	0	0	0	0	0	0	-0.37	-0.26	0	0	0	0	0	0
2/8/2024 19:36	67002 STHI_T2	0	0	0	0	0	0	0.55	0.55	0	0	0	0	0	0
2/8/2024 19:36	40602 PIGR_T1	1	1	0	0.3	0.2	-0.1	0	-0.06	0	0	0	0	0	0
2/8/2024 19:36	64101 REFR_T1	0	0	0	0	0	0	-0.14	-0.14	0	0	0	0	0	0
2/8/2024 19:36	67502 WEWI_T2	0	24	24	0	0.14	0.14	-1.43	-1.47	0	0	0	0	0	0
2/8/2024 19:36	67503 WEWI_T2	0	0	0	0	0	0	-0.23	-0.13	0	0	0	0	0	0
2/8/2024 19:36	43202 MVIL_T2	0	0	0	0	0	0	-0.57	-0.59	0	0	0	0	0	0
2/8/2024 19:36	64802 MONE_T2	0	0	0	0	0	0	-0.05	-0.07	0	0	0	0	0	0
2/8/2024 19:36	53903 HALI_T2	2	2	0	1.2	0.95	-0.25	-0.13	-0.13	0	0	0	0	0	0
2/8/2024 19:36	46703 RENO_T1	21	95	74	0.5	0.28	-0.22	0	0	0	0	0	0	0	0
2/8/2024 19:36	45402 WBLO_T2	0	1	1	0	0.5	0.5	-0.76	-0.77	0	0	0	0	0	0
2/8/2024 19:36	40101 HUNT_T2	1	2	1	0.2	0	-0.2	-2.49	-2.48	0	0	0	0	0	0
2/8/2024 19:37	64801 MONE_T2	0	0	0	0	0	0	-0.3	-0.27	0	0	0	0	0	0
2/8/2024 19:37	44701 MUNC_T2	5	51	46	0.14	0.2	0.06	-1.49	-1.52	0	0	0	0	0	0
2/8/2024 19:37	67201 TEHI_T1	0	56	56	0	0.2	0.2	-0.2	-0.53	0	0	0	0	0	0
2/8/2024 19:37	54504 ENOL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/8/2024 19:37	56803 BENV_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/8/2024 19:37	43304 WATS_T2	0	2	2	0	0	0	-0.38	-0.43	0	0	0	0	0	0
2/8/2024 19:37	60903 DONG_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/8/2024 19:37	41903 REED_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/8/2024 19:37	57401 SPAN_T1	0	0	0	0	0	0	-0.81	-0.8	0	0	0	0	0	0
2/8/2024 19:37	67401 WAKE_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/8/2024 19:37	67501 WEWI_T1	0	0	0	0	0	0	-0.7	-0.71	0	0	0	0	0	0
2/8/2024 19:37	59101 WALK_T2	0	0	0	0	0	0	1.04	1.05	0	0	0	0	0	0
2/8/2024 19:37	65502 MOJO_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/8/2024 19:37	67502 WEWI_T2	0	24	24	0	0.14	0.14	-1.43	-1.47	0	0	0	0	0	0
2/8/2024 19:37	42701 AUGU_T1	0	1	1	0	0.2	0.2	0	0	0	0	0	0	0	0
2/8/2024 19:37	43301 WATS_T2	0	0	0	0	0	0	-0.75	-0.74	0	0	0	0	0	0
2/8/2024 19:37	58301 NOTT_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/8/2024 19:37	57401 SPAN_T1	0	0	0	0	0	0	-0.81	-0.8	0	0	0	0	0	0
2/8/2024 19:38	66505 SMAN_T2	3	2	-1	1.17	0.1	-1.07	-0.49	-0.25	0	0	0	0	0	0
2/8/2024 19:38	57401 SPAN_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/8/2024 19:38	67401 WAKE_T2	0	0	0	0	0	0	-1.17	-1.19	0	0	0	0	0	0
2/8/2024 19:38	67502 WEWI_T2	0	24	24	0	0.14	0.14	-1.43	-1.47	0	0	0	0	0	0
2/8/2024 19:38	43302 WATS_T2	4	4	0	0.5	0.7	0.2	0	0	0	0	0	0	0	0
2/8/2024 19:38	46206 DANV_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/8/2024 19:38	56801 BENV_T1	13	13	0	1.08	1.34	0.26	-0.7	-0.73	0	0	0	0	0	0
2/8/2024 19:38	53902 HALI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/8/2024 19:39	59101 WALK_T2	0	0	0	0	0	0	1.05	1.04	0	0	0	0	0	0
2/8/2024 19:39	64101 REFR_T1	0	0	0	0	0	0	-0.07	-0.08	0	0	0	0	0	0
2/8/2024 19:39	46301 ROHR_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/8/2024 19:39	42803 SELI_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/8/2024 19:39	67001 STHI_T2	1	1	0	0.3	0.3	0	0.06	0.08	0	0	0	0	0	0
2/8/2024 19:40	61505 EPET_T1	0	0	0	0	0	0	0.25	0.28	0	0	0	0	0	0
2/8/2024 19:40	40502 CRES_T2	1	8	7	0.2	0.13	-0.07	-0.26	-0.25	0	0	0	0	0	0
2/8/2024 19:40	64101 REFR_T1	0	0	0	0	0	0	-0.07	-0.08	0	0	0	0	0	0
2/8/2024 19:40	64202 KINZ_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/8/2024 19:40	64802 MONE_T2	0	0	0	0	0	0	-0.07	-0.07	0	0	0	0	0	0
2/8/2024 19:40	47901 HRDG_T1	0	0	0	0	0	0	1.72	2.04	0	0	0	0	0	0
2/8/2024 19:40	67503 WEWI_T2	0	0	0	0	0	0	-0.13	-0.08	0	0	0	0	0	0
2/8/2024 19:40	64802 MONE_T2	0	0	0	0	0	0	-0.07	-0.07	0	0	0	0	0	0
2/8/2024 19:41	57403 SPAN_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/8/2024 19:41	67502 WEWI_T2	0	24	24	0	0.14	0.14	0	0	0	0	0	0	0	0
2/8/2024 19:41	62604 ENGL_T1	1	1	0	0.3	0.2	-0.1	-0.48	-0.47	0	0	0	0	0	0
2/8/2024 19:41	64101 REFR_T1	0	0	0	0	0	0	-0.07	-0.08	0	0	0	0	0	0
2/8/2024 19:41	41801 GOCI_T2	0	1	1	0	0.2	0.2	0	0	0	0	0	0	0	0
2/8/2024 19:42	66702 STRA_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/8/2024 19:42	41901 REED_T1	5	10	5	0.32	0.3	-0.02	0	0	0	0	0	0	0	0
2/8/2024 19:42	67901 WNHO_T2	130	177	47	0.37	0.44	0.07	-0.46	-0.46	0	0	0	0	0	0
2/8/2024 19:42	46302 ROHR_T1	4	4	0	1.2	1.05	-0.15	0.17	0.17	0	0	0	0	0	0
2/8/2024 19:43	58402 MORO_T1	0	0	0	0	0	0	-0.27	-0.45	0	0	0	0	0	0
2/8/2024 19:43	46702 RENO_T1	2	41	39	0.2	0.17	-0.03	-0.13	-0.15	0	0	0	0	0	0
2/8/2024 19:43	43401 BENT_T1	1	0	-1	0.3	0	-0.3	0	0	0	0	0	0	0	0
2/8/2024 19:43	63804 HEMP_T1	1	1	0	5.9	5.8	-0.1	-0.87	-0.86	0	0	0	0	0	0
2/8/2024 19:43	41902 REED_T1	1	3	2	0.6	0.5	-0.1	1.11	1.09	0	0	0	0	0	0
2/8/2024 19:44	67604 WARW_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/8/2024 19:45	44301 BEAV_T2	0	0	0	0	0	0	-0.14	-0.2	0	0	0	0	0	0
2/8/2024 19:48	53903 HALI_T2	2	3	1	0.95	1.3	0.35	0	0	0	0	0	0	0	0
2/8/2024 19:58	56503 ROCK_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/8/2024 20:02	56503 ROCK_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/8/2024 20:03	65003 NEFF_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/8/2024 20:06	61505 EPET_T1	0	0	0	0	0	0	0.28	0.3	0	0	0	0	0	0
2/8/2024 20:31	57401 SPAN_T1	0	0	0	0	0	0	-0.79	-0.84	0	0	0	0	0	0
2/8/2024 21:00	65001 NEFF_T2	56	216	160	0.13	0.23	0.1	-0.85	-0.94	0	0	0	0	0	0
2/8/2024 21:27	66504 SMAN_T2	0	0	0	0	0	0	-1.32	-1.18	0	0	0	0	0	0
2/8/2024 21:32	56503 ROCK_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/8/2024 21:32	65002 NEFF_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/8/2024 21:48	65002 NEFF_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/8/2024 22:45	65004 NEFF_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/8/2024 23:53	65001 NEFF_T2	0	4	4	0	0.2	0.2	-1.19	-1.15	0	0	0	0	0	0
2/9/2024 0:09	65004 NEFF_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/9/2024 0:35	65003 NEFF_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/9/2024 2:36	65001 NEFF_T2	1	6	5	0.1	0.17	0.07	-1.27	-1.27	0	0	0	0	0	0
2/9/2024 3:12	65001 NEFF_T2	6	8	2	0.17	0.16	-0.01	-1.31	-1.26	0	0	0	0	0	0
2/9/2024 3:28	65002 NEFF_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/9/2024 4:42	65003 NEFF_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/9/2024 5:24	65001 NEFF_T2	0	0	0	0	0	0	-1.14	-1.16	0	0	0	0	0	0
2/9/2024 5:34	65003 NEFF_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/9/2024 6:00	59202 THOM_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/9/2024 6:37	65001 NEFF_T2	0	0	0	0	0	0	-0.73	-0.75	0	0	0	0	0	0
2/9/2024 6:58	65005 NEFF_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/9/2024 7:51	65005 NEFF_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/9/2024 7:54	45502 DERR_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/9/2024 7:56	40101 HUNT_T2	63	79	16	0.38	0.34	-0.04	-0.19	-0.21	0	0	0	0	0	0
2/9/2024 7:58	46201 DANV_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/9/2024 8:07	65003 NEFF_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/9/2024 8:08	43401 BENT_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/9/2024 8:11	43401 BENT_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/9/2024 8:11	45502 DERR_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/9/2024 8:13	46203 DANV_T2	81	21	-60	0.37	0.23	-0.14	-0.88	-0.93	0	0	0	0	0	0
2/9/2024 8:23	56802 BENV_T2	2	16	14	0.2	0.23	0.03	-1.36	-1.35	0	0	0	0	0	0
2/9/2024 8:25	56802 BENV_T2	2	16	14	0.2	0.23	0.03	-1.35	-1.02	0	0	0	0	0	0
2/9/2024 8:34	57401 SPAN_T1	0	2	2	0	0.95	0.95	-1.05	-0.3	0	0	0	0	0	0
2/9/2024 8:34	57401 SPAN_T1	0	2	2	0	0.95	0.95	-1.05	-0.3	0	0	0	0	0	0
2/9/2024 8:38	56802 BENV_T2	3	16	13	0.3	0.23	-0.07	-1.35	-1.02	0	0	0	0	0	0
2/9/2024 8:40	53601 DALM_T2

Appendix C - Grid Benefits Achieved in Each Instance of Active Management

2/9/2024 9:01	53901 HALI_T2	23	18	-5	0.38	0.32	-0.06	-1.5	-1.47	0	0	0	0	0	0
2/9/2024 9:01	54504 ENOL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/9/2024 9:01	52503 PROG_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/9/2024 9:02	56802 BENV_T2	2	18	16	0.3	0.14	-0.16	-0.66	-0.7	0	0	0	0	0	0
2/9/2024 9:06	43001 ALWD_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/9/2024 9:06	44201 POIN_T1	0	0	0	0	0	0	-1.35	-1.44	0	0	0	0	0	0
2/9/2024 9:07	42302 MOWR_T2	0	0	0	0	0	0	0.01	0	0	0	0	0	0	0
2/9/2024 9:08	40501 CRES_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/9/2024 9:08	42901 MIDD_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/9/2024 9:08	57401 SPAN_T1	2	3	1	0.85	0.73	-0.12	-0.31	-0.33	0	0	0	0	0	0
2/9/2024 9:08	67502 WEWI_T2	0	1	1	0	0.1	0.1	0	0	0	0	0	0	0	0
2/9/2024 9:08	56504 ROCK_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/9/2024 9:08	60803 BUCK_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/9/2024 9:09	67502 WEWI_T2	0	1	1	0	0.1	0.1	0	0	0	0	0	0	0	0
2/9/2024 9:09	59202 THOM_T1	1	10	9	0.1	0.12	0.02	0	0	0	0	0	0	0	0
2/9/2024 9:09	43402 BENT_T1	0	0	0	0	0	0	-0.9	-0.93	0	0	0	0	0	0
2/9/2024 9:10	46205 DANV_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/9/2024 9:10	16103 BING_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/9/2024 9:10	56802 BENV_T2	2	18	16	0.3	0.14	-0.16	-2.11	-2.05	0	0	0	0	0	0
2/9/2024 9:11	46205 DANV_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/9/2024 9:11	45501 DERR_T2	0	0	0	0	0	0	0.49	0.49	0	0	0	0	0	0
2/9/2024 9:11	43402 BENT_T1	0	0	0	0	0	0	-0.9	-0.93	0	0	0	0	0	0
2/9/2024 9:12	53602 DALM_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/9/2024 9:12	56802 BENV_T2	2	18	16	0.3	0.14	-0.16	-0.7	-0.68	0	0	0	0	0	0
2/9/2024 9:12	45501 DERR_T2	0	0	0	0	0	0	0.49	0.49	0	0	0	0	0	0
2/9/2024 9:14	64703 LITI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/9/2024 9:15	64702 LITI_T2	0	0	0	0	0	0	-0.72	-0.73	0	0	0	0	0	0
2/9/2024 9:16	13503 MCMI_T2	9	0	-9	0.18	0	-0.18	-0.86	-0.01	0	0	0	0	0	0
2/9/2024 9:17	67002 STHI_T2	436	0	-436	0.29	0	-0.29	0	0	0	0	0	0	0	0
2/9/2024 9:19	57401 SPAN_T1	3	2	-1	0.73	0.7	-0.03	0	0	0	0	0	0	0	0
2/9/2024 9:19	67002 STHI_T2	436	0	-436	0.29	0	-0.29	0	0	0	0	0	0	0	0
2/9/2024 9:19	46701 RENO_T1	153	162	9	0.38	0.36	-0.02	0	0	0	0	0	0	0	0
2/9/2024 9:20	67002 STHI_T2	436	0	-436	0.29	0	-0.29	1.34	1.2	0	0	0	0	0	0
2/9/2024 9:20	67002 STHI_T2	436	0	-436	0.29	0	-0.29	1.34	1.2	0	0	0	0	0	0
2/9/2024 9:21	67002 STHI_T2	436	0	-436	0.29	0	-0.29	1.34	3	0	0	0	0	0	0
2/9/2024 9:22	29402 BELT_T1	47	267	220	0.29	0.56	0.27	0	0	0	0	0	0	0	0
2/9/2024 9:23	44301 BEAV_T2	0	0	0	0	0	0	0.44	0.55	0	0	0	0	0	0
2/9/2024 9:23	40502 CRES_T2	0	13	13	0	0.16	0.16	-0.34	-0.42	0	0	0	0	0	0
2/9/2024 9:24	40501 CRES_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/9/2024 9:26	44302 BEAV_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/9/2024 9:27	47001 HUGH_T2	0	0	0	0	0	0	-0.67	-0.63	0	0	0	0	0	0
2/9/2024 9:28	40501 CRES_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/9/2024 9:31	40101 HUNT_T2	15	4	-11	0.39	0.25	-0.14	-0.34	-0.59	0	0	0	0	0	0
2/9/2024 9:34	13905 SEID_T1	0	1	1	0	0.1	0.1	0	0	0	0	0	0	0	0
2/9/2024 9:36	43303 WATS_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/9/2024 9:36	47002 HUGH_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/9/2024 9:37	43301 WATS_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/9/2024 9:37	67204 TEHI_T2	0	0	0	0	0	0	-0.06	-0.06	0	0	0	0	0	0
2/9/2024 9:37	56802 BENV_T2	17	9	-8	0.15	0.23	0.08	-0.68	-0.69	0	0	0	0	0	0
2/9/2024 9:39	46205 DANV_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/9/2024 9:39	44302 BEAV_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/9/2024 9:39	43304 WATS_T2	0	0	0	0	0	0	-0.62	-0.58	0	0	0	0	0	0
2/9/2024 9:39	56802 BENV_T2	17	9	-8	0.15	0.23	0.08	-0.69	-0.72	0	0	0	0	0	0
2/9/2024 9:40	46202 DANV_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/9/2024 9:40	56802 BENV_T2	17	9	-8	0.15	0.23	0.08	-1.38	-1.45	0	0	0	0	0	0
2/9/2024 9:41	16302 ALPA_T2	0	2	2	0	0.25	0.25	0.71	0.72	0	0	0	0	0	0
2/9/2024 9:41	41504 FAIR_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/9/2024 9:41	56802 BENV_T2	17	9	-8	0.15	0.23	0.08	-1.38	-1.45	0	0	0	0	0	0
2/9/2024 9:42	46201 DANV_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/9/2024 9:42	41802 GOCI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/9/2024 9:42	10805 CHHI_T2	1	1	0	7.6	8.1	0.5	0.07	0.03	0	0	0	0	0	0
2/9/2024 9:42	56802 BENV_T2	17	9	-8	0.15	0.23	0.08	-0.69	-0.72	0	0	0	0	0	0
2/9/2024 9:43	42201 SHEN_T2	0	0	0	0	0	0	-0.24	-0.23	0	0	0	0	0	0
2/9/2024 9:44	41801 GOCI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/9/2024 9:44	40101 HUNT_T2	15	4	-11	0.39	0.25	-0.14	-0.59	-0.64	0	0	0	0	0	0
2/9/2024 9:46	55002 NEWP_T1	6	7	1	0.97	0.94	-0.03	-0.19	-0.19	0	0	0	0	0	0
2/9/2024 9:47	41902 REID_T1	0	0	0	0	0	0	2.21	2.45	0	0	0	0	0	0
2/9/2024 9:47	55002 NEWP_T1	6	7	1	0.97	0.94	-0.03	-0.19	-0.19	0	0	0	0	0	0
2/9/2024 9:47	43201 MVIL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/9/2024 9:48	43202 MVIL_T2	0	0	0	0	0	0	-0.58	-0.59	0	0	0	0	0	0
2/9/2024 9:49	55001 NEWP_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/9/2024 9:49	64101 REFR_T1	0	0	0	0	0	0	-0.05	-0.02	0	0	0	0	0	0
2/9/2024 9:49	43201 MVIL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/9/2024 9:49	17002 BIRO_T2	2	6	4	0.25	0.4	0.15	0.65	0.61	0	0	0	0	0	0
2/9/2024 9:50	56501 ROCK_T2	189	5	-184	0.27	0.1	-0.17	-1.57	-1.49	0	0	0	0	0	0
2/9/2024 9:50	56503 ROCK_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/9/2024 9:50	14401 SSLA_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/9/2024 9:51	55002 NEWP_T1	6	7	1	0.97	0.94	-0.03	-0.19	-0.19	0	0	0	0	0	0
2/9/2024 9:51	56504 ROCK_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/9/2024 9:51	67502 WEWI_T2	1	0	-1	0.1	0	-0.1	0	0	0	0	0	0	0	0
2/9/2024 9:52	56501 ROCK_T2	189	5	-184	0.27	0.1	-0.17	-1.57	-1.49	0	0	0	0	0	0
2/9/2024 9:52	43304 WATS_T2	0	0	0	0	0	0	-0.62	-0.58	0	0	0	0	0	0
2/9/2024 9:52	18001 ZION_T1	0	2	2	0	0.35	0.35	0	0	0	0	0	0	0	0
2/9/2024 9:52	29401 BELT_T1	3	2	-1	0.1	0.1	0	0	0	0	0	0	0	0	0
2/9/2024 9:53	56504 ROCK_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/9/2024 9:53	67402 WAKE_T2	0	1	1	0	0.1	0.1	-0.37	-0.4	0	0	0	0	0	0
2/9/2024 9:55	14401 SSLA_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/9/2024 9:55	56503 ROCK_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/9/2024 9:55	67503 WEWI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/9/2024 9:58	54502 ENOL_T2	0	1	1	0	0.1	0.1	0	0	0	0	0	0	0	0
2/9/2024 9:58	54503 ENOL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/9/2024 10:02	59201 THOM_T1	1	1	0	0.2	0.7	0.5	0	0	0	0	0	0	0	0
2/9/2024 10:02	64903 MILL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/9/2024 10:02	64101 REFR_T1	0	0	0	0	0	0	-0.02	-0.1	0	0	0	0	0	0
2/9/2024 10:02	55001 NEWP_T1	0	1	1	0	0.4	0.4	0	0	0	0	0	0	0	0
2/9/2024 10:03	57306 MOAL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/9/2024 10:04	57401 SPAN_T1	1	2	1	0.2	0.15	-0.05	-1.04	-0.95	0	0	0	0	0	0
2/9/2024 10:04	55002 NEWP_T1	5	7	2	0.76	1.16	0.4	-0.19	-0.18	0	0	0	0	0	0
2/9/2024 10:04	64101 REFR_T1	0	0	0	0	0	0	-0.02	-0.1	0	0	0	0	0	0
2/9/2024 10:05	57403 SPAN_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/9/2024 10:05	64101 REFR_T1	0	0	0	0	0	0	-0.02	-0.1	0	0	0	0	0	0
2/9/2024 10:05	43001 ALWD_T1	0	1	1	0	0	0	0	0	0	0	0	0	0	0
2/9/2024 10:06	20401 ASHF_T2	10	9	-1	0.34	0.6	0.26	0	0	0	0	0	0	0	0
2/9/2024 10:06	43302 WATS_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/9/2024 10:06	64101 REFR_T1	0	0	0	0	0	0	-0.02	-0.1	0	0	0	0	0	0
2/9/2024 10:07	57303 MOAL_T2	1	1	0	7.5	7.1	-0.4	0	0	0	0	0	0	0	0
2/9/2024 10:07	43304 WATS_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/9/2024 10:07	57403 SPAN_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/9/2024 10:07	64101 REFR_T1	0	0	0	0	0	0	-0.02	-0.1	0	0	0	0	0	0
2/9/2024 10:08	56802 BENV_T2	2	2	0	0.45	0.45	0	-0.72	-0.68	0	0	0	0	0	0
2/9/2024 10:09	43302 WATS_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/9/2024 10:09	46003 BERW_T2	3	5	2	0.17	0.12	-0.05	0	0	0	0	0	0	0	0
2/9/2024 10:09	10801 CHHI_T1	2	3	1	0.55	0.53	-0.02	-0.85	-0.88	0	0	0	0	0	0
2/9/2024 10:09	23902 EFMO_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/9/2024 10:10	43302 WATS_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/9/2024 10:11	56802 BENV_T2	2	2	0	0.45	0.45	0	-0.68	-0.72	0	0	0	0	0	0
2/9/2024 10:14	13501 MCMI_T1	0	0	0	0	0	0	-0.13	-0.17	0	0	0	0	0	0
2/9/2024 10:14	47901 HRDG_T1	0	0	0	0	0	0	1.09	1.29	0	0	0	0	0	0
2/9/2024 10:16	43202 MVIL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/9/2024 10:16	47901 HRDG_T1	0	0	0	0	0	0	1.09	1.29	0	0	0	0	0	0
2/9/2024 10:17	52503 PROG_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/9/2024 10:18	59202 THOM_T1	15	40	25	0.3	0.31	0.01	0	0	0	0	0	0	0	0
2/9/2024 10:18	16406 MOPO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/9/2024 10:19	57403 SPAN_T1	0	0	0	0	0	0	0.07	0.08	0	0	0	0	0	0
2/9/2024 10:19	64101 REFR_T1	0	0	0	0	0	0	-0.1	-0.05	0	0	0	0	0	0
2/9/2024 10:20	57403 SPAN_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/9/2024 10:22	59001 MIFF_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/9/2024 10:23	66502 SMAN_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/9/2024 10:23	67502 WEWI_T2	0	0	0	0	0	0	-0.26	-0.14	0	0	0	0	0	0
2/9/2024 10:24	60701 BREC_T1	0	0	0	0	0	0	-0.75	-0.52	0	0	0	0	0	0
2/9/2024 10:25	67502 WEWI_T2	0	0	0	0	0	0	-0.14	-0.21	0	0	0	0	0	0
2/9/2024 10:25	60701 BREC_T1	0	0	0	0	0	0	-0.38	-0.26	0	0	0	0	0	0
2/9/2024 10:27	62602 ENGL_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/9/2024 10:27	17803 GILB_T2	0	2	2	0	0.1	0.1	0	0	0	0	0	0	0	0
2/9/2024 10:28	62607 ENGL_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/9/2024 10:28	67503 WEWI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/9/2024 10:29	64101 REFR_T1	0	0	0	0	0	0	-0.05	-0.05	0	0	0	0	0	0
2/9/2024 10:29	66502 SMAN_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/9/2024 10:29	62607 ENGL_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/9/2024 10:30	60701 BREC_T1	0	3	3	0	0.13	0.13	-0.38	-0.26	0	0	0	0	0	0
2/9/2024 10:30	64101 REFR_T1	0	0	0	0	0	0	-0.05	-0.05	0	0	0	0	0	0
2/9/2024 10:32	40603 PIGR_T1	0	0	0	0	0	0	0.34	0.37	0	0	0	0	0	0
2/9/2024 10:33	54204 PENN_T2	0	1	1	0	0.1	0.1	0	0	0	0	0	0	0	0
2/9/2024 10:34	13704 SCHN_T2	3	2	-1	0.23	0.2	-0.03	-0.33	-0.36	0	0	0	0	0	0
2/9/2024 10:35	67402 WAKE_T2	0	0	0	0	0	0	0.21	0.22	0	0	0	0	0	0
2/9/2024 10:36	52502 PROG_T2	0	0	0	0	0	0	-0.58	-0.58	0	0	0	0	0	0
2/9/2024 10:41	16302 ALPA_T2	1	2	1	0.4	0.15	-0.25	0.7	0.7	0	0	0	0	0	0
2/9/2024 10:41	15001 BLMO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/9/2024 10:42	16302 ALPA_T2	1	2	1	0.4	0.15	-0.25	0.7	0.7	0	0	0	0	0	0
2/9/2024 10:42	41504 FAIR_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/9/2024 10:44	53901 HALI_T2	1	1	0	1	1.1	0.1	0	0	0	0	0	0	0	0
2/9/2024 10:44	47403 PENS_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/9/2024 10:45	45703 LIND_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/9/2024 10:45	46801 HEPB_T2	3	5	2	0.4	0.42	0.02	0.67	0.64	0	0	0	0	0	0
2/9/2024 10:45	64202 KINZ_T1	2	0	-2	0.3	0	-0.3	0	0	0	0	0	0	0	0
2/9/2024 10:45	13704 SCHN_T2	2	3	1	0.2	0.17	-0.03	-0.36	-0.36	0	0	0	0	0	0
2/9/2024 10:46	13502 MCMI_T1	8	12	4	0.21	0.14	-0.07	0	0	0	0	0	0	0	0
2/9/2024 10:46	44302 BEAV_T2	9	14	5	0.37	0.58	0.21	0.22	0.22	0	0	0	0	0	0
2/9/2024 10:47	13502 MCMI_T1	8	12	4	0.21	0.14	-0.07	0	0	0	0	0	0	0	0
2/9/2024 10:48	40602 PIGR_T1	1	1	0	0.1	0.1	0	-0.65	-0.62	0	0	0	0	0	0
2/9/2024 10:49	56504 ROCK_T2	0	1	1	0	0.3	0.3	0	0	0	0	0	0	0	0
2/9/2024 10:49	10703 CATA_T2	0	1	1	0	0	0	0	0	0	0	0	0	0	0
2/9/2024 10:49	54202 PENN_T2	2	60	58	0.1	0.18	0.08	0	0	0	0	0	0	0	0
2/9/2024 10:50	41902 REID_T1	0	0	0	0	0	0	1.19	1.15	0	0	0	0	0	0
2/9/2024 10:51	46702 RENO_T1	4	38	34	0.15	0.18	0.03	0	0	0	0	0	0	0	0
2/9/2024 10:51	67402 WAKE_T2	0	0	0	0	0	0	0.22	0.2	0	0	0	0	0	0
2/9/2024 10:52	54202 PENN_T2	2	60	58	0.1	0.18	0.08	0	0	0	0	0	0	0	0
2/9/2024 10:52	15704 TANN_T1	0	4	4	0	0.2	0.2	-1.18	-1.19	0	0	0	0	0	0
2/9/2024 10:53	47403 PENS_T1	0	1	1	0	0.2	0.2	0	0	0	0	0	0	0	0
2/9/2024 10:53	60701 BREC_T1	0	3	3	0	0.13	0.13	-0.26	-0.29	0	0	0	0	0	0
2/9/2024 10:54	47403 PENS_T1	0	1	1	0	0.2	0.2	0	0	0	0	0	0	0	0
2/9/2024 10:54	67502 WEWI_T2	0	2	2	0	0.45	0.45	0	0	0	0	0	0	0	0
2/9/2024 10:55	54503 ENOL_T2	0	0	0	0	0	0	-1.27	-1.26	0	0	0	0	0	0
2/9/2024 10:55	41502 FAIR_T2	0	0	0	0	0	0	-1.68	-0.65	0	0	0	0	0	0
2/9/2024 10:55	43001 ALWD_T1	0	2	2	0	0.45	0.45	0	0	0	0	0	0	0	0
2/9/2024 10:55	60201 ATGL_T2	0	0	0	0	0	0	0.33	0.33	0	0	0	0	0	0
2/9/2024 10:56	61305 EARL_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/9/2024 10:56	54501 ENOL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/9/2024 10:56	40602 PIGR_T1	1	1	0	0.1	0.1	0	-0.62	-0.61	0	0	0	0	0	0
2/9/2024 10:56	67402 WAKE_T2	0	0	0	0	0	0	0.2	0.22	0	0	0	0	0	0
2/9/2024 10:57	60701 BREC_T1	0	3	3	0	0.13	0.13	-0.29	-0.29	0	0	0	0	0	0
2/9/2024 10:59	54502 ENOL_T2	1	2	1	0.2	0.45	0.25	0	0	0	0

2/9/2024 11:14	54506 ENOL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/9/2024 11:14	41802 GOCI_T2	0	6	6	0	0.12	0.12	0	0	0	0	0	0	0	0
2/9/2024 11:14	54505 ENOL_T2	2	2	0	0.95	1.2	0.25	-1.28	-1.28	0	0	0	0	0	0
2/9/2024 11:14	40101 HUNT_T2	0	1	1	0	0.1	0.1	-0.48	-0.5	0	0	0	0	0	0
2/9/2024 11:14	42903 MIDD_T2	2	3	1	1.3	1.27	-0.03	0.28	0.14	0	0	0	0	0	0
2/9/2024 11:14	46101 MACI_T2	0	0	0	0	0	0	0.69	0.72	0	0	0	0	0	0
2/9/2024 11:14	42903 MIDD_T2	2	3	1	1.3	1.27	-0.03	0.28	0.14	0	0	0	0	0	0
2/9/2024 11:15	54506 ENOL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/9/2024 11:15	54502 ENOL_T2	2	21	19	0.45	0.18	-0.27	-1.16	-1.16	0	0	0	0	0	0
2/9/2024 11:15	54502 ENOL_T2	2	21	19	0.45	0.18	-0.27	-1.16	-1.16	0	0	0	0	0	0
2/9/2024 11:16	10703 CATA_T2	0	1	1	0	0.1	0.1	0	0	0	0	0	0	0	0
2/9/2024 11:16	54506 ENOL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/9/2024 11:16	45701 LIND_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/9/2024 11:16	53902 HALI_T2	0	1	1	0	0.2	0.2	0	0	0	0	0	0	0	0
2/9/2024 11:16	66303 MCGD_T2	0	1	1	0	0.5	0.5	0	0	0	0	0	0	0	0
2/9/2024 11:16	13503 MCMI_T2	0	0	0	0	0	0	-0.01	0.04	0	0	0	0	0	0
2/9/2024 11:17	50504 MECH_T1	1	3	2	0.2	0.27	0.07	0	0	0	0	0	0	0	0
2/9/2024 11:17	42903 MIDD_T2	3	4	1	1.07	1.15	0.08	0	0	0	0	0	0	0	0
2/9/2024 11:17	43001 ALWD_T1	2	7	5	0.45	0.3	-0.15	0	0	0	0	0	0	0	0
2/9/2024 11:17	13502 MCMI_T1	12	28	16	0.14	0.16	0.02	0	0	0	0	0	0	0	0
2/9/2024 11:17	13503 MCMI_T2	0	0	0	0	0	0	-0.01	0.04	0	0	0	0	0	0
2/9/2024 11:18	42902 MIDD_T2	34	60	26	0.33	0.46	0.13	0	0	0	0	0	0	0	0
2/9/2024 11:18	13502 MCMI_T1	12	28	16	0.14	0.16	0.02	0	0	0	0	0	0	0	0
2/9/2024 11:18	56501 ROCK_T2	118	129	11	0.2	0.24	0.04	0	0	0	0	0	0	0	0
2/9/2024 11:19	14802 TREI_T2	10	7	-3	0.3	0.17	-0.13	0	0	0	0	0	0	0	0
2/9/2024 11:19	56501 ROCK_T2	118	129	11	0.2	0.24	0.04	0	0	0	0	0	0	0	0
2/9/2024 11:19	52502 PROG_T2	3	5	2	0.27	0.34	0.07	-1.2	-1.26	0	0	0	0	0	0
2/9/2024 11:20	54204 PENN_T2	3	3	0	0.23	0.37	0.14	0	0	0	0	0	0	0	0
2/9/2024 11:20	12701 MACU_T1	0	0	0	0	0	0	0.05	0.04	0	0	0	0	0	0
2/9/2024 11:20	52502 PROG_T2	3	5	2	0.27	0.34	0.07	-1.8	-1.9	0	0	0	0	0	0
2/9/2024 11:21	59102 WALK_T2	6	7	1	0.43	0.49	0.06	0	0	0	0	0	0	0	0
2/9/2024 11:21	42701 AUGU_T1	1	1	0	1.4	1.7	0.3	0	0	0	0	0	0	0	0
2/9/2024 11:21	52503 PROG_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/9/2024 11:22	59102 WALK_T2	6	7	1	0.43	0.49	0.06	0	0	0	0	0	0	0	0
2/9/2024 11:22	52502 PROG_T2	3	5	2	0.27	0.34	0.07	-2.41	-2.53	0	0	0	0	0	0
2/9/2024 11:22	49804 UNIV_T1	0	1	1	0	0.1	0.1	0	0	0	0	0	0	0	0
2/9/2024 11:22	16301 ALPA_T1	8	6	-2	0.21	0.35	0.14	-0.41	-0.44	0	0	0	0	0	0
2/9/2024 11:23	54206 PENN_T2	56	117	61	0.17	0.25	0.08	0	0	0	0	0	0	0	0
2/9/2024 11:23	42701 AUGU_T1	1	1	0	1.4	1.7	0.3	0	0	0	0	0	0	0	0
2/9/2024 11:23	56504 ROCK_T2	1	1	0	0.3	0.5	0.2	-0.32	-0.4	0	0	0	0	0	0
2/9/2024 11:23	44301 BEAV_T2	7	9	2	0.39	0.32	-0.07	0	0	0	0	0	0	0	0
2/9/2024 11:23	16301 ALPA_T1	8	6	-2	0.21	0.35	0.14	-0.82	-0.88	0	0	0	0	0	0
2/9/2024 11:23	59101 WALK_T2	0	0	0	0	0	0	0.74	0.89	0	0	0	0	0	0
2/9/2024 11:23	16302 ALPA_T2	1	3	2	0.4	0.2	-0.2	0.77	0.77	0	0	0	0	0	0
2/9/2024 11:24	43001 ALWD_T1	2	7	5	0.45	0.3	-0.15	0	0	0	0	0	0	0	0
2/9/2024 11:24	59102 WALK_T2	6	7	1	0.43	0.49	0.06	0	0	0	0	0	0	0	0
2/9/2024 11:26	60803 BUCK_T1	0	0	0	0	0	0	-0.55	-0.54	0	0	0	0	0	0
2/9/2024 11:26	16301 ALPA_T1	8	6	-2	0.21	0.35	0.14	-0.88	-0.76	0	0	0	0	0	0
2/9/2024 11:26	43001 ALWD_T1	2	7	5	0.45	0.3	-0.15	0	0	0	0	0	0	0	0
2/9/2024 11:27	56504 ROCK_T2	1	1	0	0.3	0.5	0.2	-0.4	-0.45	0	0	0	0	0	0
2/9/2024 11:27	16301 ALPA_T1	8	6	-2	0.21	0.35	0.14	-0.44	-0.38	0	0	0	0	0	0
2/9/2024 11:27	60801 BUCK_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/9/2024 11:28	67402 WAKE_T2	0	0	0	0	0	0	0.18	0.17	0	0	0	0	0	0
2/9/2024 11:29	61303 EARL_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/9/2024 11:30	62602 ENGL_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/9/2024 11:30	12402 MILF_T1	1	1	0	2	1.9	-0.1	0	0	0	0	0	0	0	0
2/9/2024 11:32	41901 REED_T1	11	11	0	1.05	1.11	0.06	0	0	0	0	0	0	0	0
2/9/2024 11:32	16401 MOPO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/9/2024 11:33	12403 MILF_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/9/2024 11:33	64303 LINC_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/9/2024 11:33	52502 PROG_T2	5	4	-1	0.32	0.35	0.03	-1.26	-1.32	0	0	0	0	0	0
2/9/2024 11:33	13302 ORVI_T2	3	3	0	0.67	0.83	0.16	0.94	1	0	0	0	0	0	0
2/9/2024 11:33	67401 WAKE_T2	1	0	-1	0.2	0	-0.2	0	0	0	0	0	0	0	0
2/9/2024 11:34	54001 SDLE_T1	9	11	2	1.16	1.18	0.02	0	0	0	0	0	0	0	0
2/9/2024 11:34	57205 ROSS_T1	3	1	-2	0.73	1.3	0.57	-0.9	0.11	0	0	0	0	0	0
2/9/2024 11:35	13302 ORVI_T2	3	3	0	0.67	0.83	0.16	0.94	1	0	0	0	0	0	0
2/9/2024 11:35	59003 MIFF_T1	7	7	0	0.59	0.7	0.11	0	0	0	0	0	0	0	0
2/9/2024 11:36	52503 PROG_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/9/2024 11:36	52501 PROG_T1	0	0	0	0	0	0	0.69	0.69	0	0	0	0	0	0
2/9/2024 11:36	67203 TEHI_T1	0	0	0	0	0	0	2	1.67	0	0	0	0	0	0
2/9/2024 11:36	54001 SDLE_T1	9	11	2	1.16	1.18	0.02	0	0	0	0	0	0	0	0
2/9/2024 11:36	59202 THOM_T1	82	217	135	0.26	0.24	-0.02	0	0	0	0	0	0	0	0
2/9/2024 11:37	67402 WAKE_T2	0	0	0	0	0	0	0.18	0.17	0	0	0	0	0	0
2/9/2024 11:37	13302 ORVI_T2	3	3	0	0.67	0.83	0.16	1.87	1.99	0	0	0	0	0	0
2/9/2024 11:37	60201 ATGL_T2	0	0	0	0	0	0	0.2	0.2	0	0	0	0	0	0
2/9/2024 11:37	43001 ALWD_T1	6	14	8	0.28	0.26	-0.02	0	0	0	0	0	0	0	0
2/9/2024 11:37	59102 WALK_T2	6	7	1	0.47	0.5	0.03	0	0	0	0	0	0	0	0
2/9/2024 11:37	13701 SCHN_T2	1	0	-1	0.1	0	-0.1	0	0	0	0	0	0	0	0
2/9/2024 11:38	52502 PROG_T2	5	4	-1	0.32	0.35	0.03	-0.63	-0.66	0	0	0	0	0	0
2/9/2024 11:38	67401 WAKE_T2	1	0	-1	0.2	0	-0.2	0	0	0	0	0	0	0	0
2/9/2024 11:38	13701 SCHN_T2	1	0	-1	0.1	0	-0.1	0	0	0	0	0	0	0	0
2/9/2024 11:38	59101 WALK_T2	0	0	0	0	0	0	0.89	0.83	0	0	0	0	0	0
2/9/2024 11:38	43402 BENT_T1	0	0	0	0	0	0	-0.94	-0.94	0	0	0	0	0	0
2/9/2024 11:39	42504 ALTA_T2	1	1	0	0.1	0.2	0.1	0	0	0	0	0	0	0	0
2/9/2024 11:39	60101 COCA_T1	0	0	0	0	0	0	0.44	0.46	0	0	0	0	0	0
2/9/2024 11:39	59202 THOM_T1	82	217	135	0.26	0.24	-0.02	0	0	0	0	0	0	0	0
2/9/2024 11:39	43401 BENT_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/9/2024 11:39	59101 WALK_T2	0	0	0	0	0	0	0.83	1	0	0	0	0	0	0
2/9/2024 11:39	60701 BREC_T1	2	15	13	0.15	0.24	0.09	-0.25	-0.29	0	0	0	0	0	0
2/9/2024 11:40	43001 ALWD_T1	6	14	8	0.28	0.26	-0.02	0	0	0	0	0	0	0	0
2/9/2024 11:40	59101 WALK_T2	0	0	0	0	0	0	0.83	1	0	0	0	0	0	0
2/9/2024 11:41	60701 BREC_T1	2	15	13	0.15	0.24	0.09	-0.25	-0.29	0	0	0	0	0	0
2/9/2024 11:42	41504 FAIR_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/9/2024 11:42	60102 COCA_T1	0	1	1	0	0	0	0	0	0	0	0	0	0	0
2/9/2024 11:42	12202 FOGE_T2	0	1	1	0	0.1	0.1	-0.76	-0.85	0	0	0	0	0	0
2/9/2024 11:42	43001 ALWD_T1	6	14	8	0.28	0.26	-0.02	0	0	0	0	0	0	0	0
2/9/2024 11:43	67402 WAKE_T2	0	0	0	0	0	0	0.17	0.17	0	0	0	0	0	0
2/9/2024 11:43	40101 HUNT_T2	1	1	0	0.1	0.5	0.4	-1.1	-1.09	0	0	0	0	0	0
2/9/2024 11:45	40101 HUNT_T2	1	1	0	0.2	0.5	0.3	-0.55	-0.55	0	0	0	0	0	0
2/9/2024 11:46	40101 HUNT_T2	1	1	0	0.2	0.5	0.3	-0.55	-0.55	0	0	0	0	0	0
2/9/2024 11:47	16406 MOPO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/9/2024 11:47	53902 HALI_T2	1	2	1	0.2	0.35	0.15	0	0	0	0	0	0	0	0
2/9/2024 11:47	64903 MILL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/9/2024 11:48	10706 CATA_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/9/2024 11:48	64201 KINZ_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/9/2024 11:48	12503 MITR_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/9/2024 11:48	56504 ROCK_T2	1	5	4	0.5	0.24	-0.26	0	0	0	0	0	0	0	0
2/9/2024 11:48	41903 REED_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/9/2024 11:48	64301 LINC_T1	0	0	0	0	0	0	-0.04	-0.04	0	0	0	0	0	0
2/9/2024 11:48	13704 SCHN_T2	2	5	3	0.2	0.18	-0.02	-0.37	-0.38	0	0	0	0	0	0
2/9/2024 11:49	59202 THOM_T1	167	231	64	0.24	0.25	0.01	0	0	0	0	0	0	0	0
2/9/2024 11:49	56501 ROCK_T2	100	194	94	0.22	0.25	0.03	0	0	0	0	0	0	0	0
2/9/2024 11:49	58402 MORO_T1	0	1	1	0	0.2	0.2	-0.27	-0.29	0	0	0	0	0	0
2/9/2024 11:50	56503 ROCK_T2	0	1	1	0	0.1	0.1	0	0	0	0	0	0	0	0
2/9/2024 11:50	65502 MOJO_T2	1	5	4	0.2	0.16	-0.04	0	0	0	0	0	0	0	0
2/9/2024 11:51	56501 ROCK_T2	100	194	94	0.22	0.25	0.03	0	0	0	0	0	0	0	0
2/9/2024 11:51	67201 TEHI_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/9/2024 11:51	13905 SEID_T1	3	1	-2	0.23	0.4	0.17	0	0	0	0	0	0	0	0
2/9/2024 11:51	49803 UNIV_T1	0	1	1	0	0.1	0.1	-1.03	-1.05	0	0	0	0	0	0
2/9/2024 11:52	54202 PENN_T2	249	310	61	0.2	0.22	0.02	0	0	0	0	0	0	0	0
2/9/2024 11:52	13701 SCHN_T2	0	1	1	0	0.1	0.1	0	0	0	0	0	0	0	0
2/9/2024 11:52	59001 MIFF_T1	7	0	-7	0.11	0	-0.11	0	0	0	0	0	0	0	0
2/9/2024 11:52	56501 ROCK_T2	100	194	94	0.22	0.25	0.03	-5.01	-5.04	0	0	0	0	0	0
2/9/2024 11:52	42701 AUGU_T1	1	2	1	1.7	1	-0.7	0	0	0	0	0	0	0	0
2/9/2024 11:52	67402 WAKE_T2	0	0	0	0	0	0	0.17	0.17	0	0	0	0	0	0
2/9/2024 11:53	49803 UNIV_T1	0	1	1	0	0.1	0.1	-1.05	-1.04	0	0	0	0	0	0
2/9/2024 11:53	56504 ROCK_T2	1	5	4	0.5	0.24	-0.26	0	0	0	0	0	0	0	0
2/9/2024 11:53	60201 ATGL_T2	0	0	0	0	0	0	0.2	0.12	0	0	0	0	0	0
2/9/2024 11:54	59202 THOM_T1	167	231	64	0.24	0.25	0.01	0	0	0	0	0	0	0	0
2/9/2024 11:54	67401 WAKE_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/9/2024 11:55	42701 AUGU_T1	1	2	1	1.7	1	-0.7	0	0	0	0	0	0	0	0
2/9/2024 11:56	43001 ALWD_T1	6	17	11	0.33	0.38	0.05	0	0	0	0	0	0	0	0
2/9/2024 11:58	25603 GRWD_T2	24	20	-4	0.28	0.32	0.04	0	0	0	0	0	0	0	0
2/9/2024 11:58	56504 ROCK_T2	1	5	4	0.5	0.24	-0.26	-0.46	-0.47	0	0	0	0	0	0
2/9/2024 11:58	41501 FAIR_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/9/2024 11:59	67402 WAKE_T2	0	0	0	0	0	0	0.17	0.16	0	0	0	0	0	0
2/9/2024 11:59	42203 SHEN_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/9/2024 12:01	46502 LOHA_T1	0	1	1	0	0.1	0.1	0	0	0	0	0	0	0	0
2/9/2024 12:01	42201 SHEN_T2	0	0	0	0	0	0	-0.26	-0.27	0	0	0	0	0	0
2/9/2024 12:02	46503 LOHA_T1	14	77	63	0.14	0.2	0.06	-0.62	-0.63	0	0	0	0	0	0
2/9/2024 12:03	41903 REED_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/9/2024 12:03	56504 ROCK_T2	2	10	8	0.4	0.26	-0.14	0	0	0	0	0	0	0	0
2/9/2024 12:04	13701 SCHN_T2	0	1	1	0	0.1	0.1	0	0	0	0	0	0	0	0
2/9/2024 12:04	41903 REED_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/9/2024 12:04	56501 ROCK_T2	138	218	80	0.23	0.28	0.05	-1.68	-1.68	0	0	0	0	0	0
2/9/2024 12:05	59201 THOM_T1	6	16	10	0.42	0.32	-0.1	0	0	0	0	0	0	0	0
2/9/2024 12:05	56504 ROCK_T2	2	10	8	0.4	0.26	-0.14	-0.46	-0.47	0	0	0	0	0	0
2/9/2024 12:05	58401 MORO_T1	2	5	3	0.35	0.3	-0.05	0	0	0	0	0	0	0	0
2/9/2024 12:05	56503 ROCK_T2	0	1	1	0	0.1	0.1	0	0	0	0	0	0	0	0
2/9/2024 12:06	56503 ROCK_T2	0	1	1	0	0.1	0.1	0	0	0	0	0	0	0	0
2/9/2024 12:06	43001 ALWD_T1	14	18	4	0.26	0.39	0.13	0	0	0	0	0	0	0	0
2/9/2024 12:07	51302 WIND_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/9/2024 12:07	67402 WAKE_T2	0	0	0	0	0	0	0.17	0.16	0	0	0	0	0	0
2/9/2024 12:07	13901 SEID_T1	0	0	0	0	0	0	0.16	0.17	0	0	0	0	0	0
2/9/2024 12:07	56504 ROCK_T2	2	10	8	0.4	0.26	-0.14	-0.46	-0.47	0	0	0	0	0	0
2/9/2024 12:07	59001 MIFF_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/9/2024 12:07	67203 TEHI_T1	0	0	0	0	0	0	1.68	2.12	0	0	0	0	0	0
2/9/2024 12:07	58003 WCAR_T1	5	5	0	0.4	0.68	0.28	0	0	0	0	0	0	0	0
2/9/2024 12:08	13704 SCHN_T2	2	6	4	0.15	0.18	0.03	-0.38	-0.37	0	0	0	0	0	0
2/9/2024 12:08	56504 ROCK_T2	2	10	8	0.4	0.26	-0.14	0	0	0	0	0	0	0	0
2/9/2024 12:09	58001 WCAR_T1	4	5	1	0.98	0.62	-0.36	0	0	0	0	0	0	0	0
2/9/2024 12:10	67402 WAKE_T2	0	0	0	0	0	0	0.16	0.17	0	0	0	0	0	0
2/9/2024 12:12	50202 HARR_T3	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/9/2024 12:12	56501 ROCK_T2	138	218	80	0.23	0.28	0.05	-1.68	-1.67	0	0	0	0	0	0
2/9/2024 12:12	61701 ELIZ_T1	2	2	0	3.3	3.5	0.2	0	0	0	0	0	0	0	0
2/9/2024 12:14	50103 HARR_T3	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/9/2024 12:14	64301 LINC_T1	0	0	0	0	0	0	0	0.56	0	0	0	0	0	0
2/9/2024 12:14	50502 MECH_T1	1	2	1	2	1.35	-0.65	0	0	0	0	0	0	0	0
2/9/2024 12:14	61701 ELIZ_T1	2	2	0	3.3	3.5	0.2	0	0	0	0	0	0	0	0
2/9/2024 12:15	50503 MECH_T1	10	8	-2	0.2	0.24	0.04	0	0	0	0	0	0	0	0
2/9/2024 12:15	67401 WAKE_T2	0	3	3	0	0.17	0.17	0	0	0	0	0	0	0	0
2/9/2024 12:15	12403 MILF_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/9/2024 12:15	63201 MGTN_T2	0	0	0	0	0	0	0.03	0.09	0	0	0	0	0	0
2/9/2024 12:16	65503 MOJO_T2	8	13	5	0.28	0.37	0.09	-1.51	-1.48	0	0	0	0	0	0
2/9/2024 12:16	64305 LINC_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/9/2024 12:18	64101 REFR_T1	1	2	1	0.3	0.4	0.1	-0.12	-0.12	0	0	0	0	0	0
2/9/2024 12:18	63201 MGTN_T2	0	0	0	0	0	0	0.03	0.09	0	0	0	0	0	0
2/9/2024 12:18	12401 MILF_T1	2	2	0	0.5	0.55	0.05	-0.35	-0.37	0	0	0	0	0	0
2/9/2024 12:19	63201 MGTN_T2	0	0	0	0	0	0	0.03	0.09	0	0	0	0

2/9/2024 13:07	56503 ROCK_T2	1	0	-1	0.2	0	-0.2	0	0	0	0	0	0	0	0
2/9/2024 13:07	56503 ROCK_T2	1	0	-1	0.2	0	-0.2	0	0	0	0	0	0	0	0
2/9/2024 13:08	60101 COCA_T1	1	0	-1	0.2	0	-0.2	0.33	0.27	0	0	0	0	0	0
2/9/2024 13:08	56504 ROCK_T2	4	1	-3	0.18	0.3	0.12	-0.33	-0.4	0	0	0	0	0	0
2/9/2024 13:08	56501 ROCK_T2	227	12	-215	0.35	0.57	0.22	-1.68	-0.49	0	0	0	0	0	0
2/9/2024 13:10	64101 REFR_T1	3	3	0	0.33	0.5	0.17	-0.14	-0.15	0	0	0	0	0	0
2/9/2024 13:11	56504 ROCK_T2	4	1	-3	0.18	0.3	0.12	-0.4	-0.38	0	0	0	0	0	0
2/9/2024 13:14	64305 LINC_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/9/2024 13:17	64202 KINZ_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/9/2024 13:17	64301 LINC_T1	0	0	0	0	0	0	0.58	0.56	0	0	0	0	0	0
2/9/2024 13:19	64101 REFR_T1	2	4	2	0.4	0.38	-0.02	-0.14	-0.15	0	0	0	0	0	0
2/9/2024 13:20	13302 ORVI_T2	4	4	0	0.8	0.73	-0.07	0.92	0.94	0	0	0	0	0	0
2/9/2024 13:20	64101 REFR_T1	2	4	2	0.4	0.38	-0.02	-0.14	-0.15	0	0	0	0	0	0
2/9/2024 13:21	42701 AUGU_T1	2	5	3	0.95	0.64	-0.31	0	0	0	0	0	0	0	0
2/9/2024 13:22	13302 ORVI_T2	4	4	0	0.8	0.73	-0.07	1.83	1.88	0	0	0	0	0	0
2/9/2024 13:24	42701 AUGU_T1	2	5	3	0.95	0.64	-0.31	0	0	0	0	0	0	0	0
2/9/2024 13:29	28803 LAKE_T1	2	2	0	0.35	0.25	-0.1	0	0	0	0	0	0	0	0
2/9/2024 13:31	61804 HEMP_T1	1	7	6	6	5.9	-0.1	-0.83	-0.84	0	0	0	0	0	0
2/9/2024 13:32	59302 MCAL_T1	1	1	0	0.4	0.8	0.4	-0.18	-0.19	0	0	0	0	0	0
2/9/2024 13:39	61503 EPET_T1	0	1	1	0	0.1	0.1	0	0	0	0	0	0	0	0
2/9/2024 13:39	67401 WAKE_T2	3	2	-1	0.33	0.4	0.07	0	0	0	0	0	0	0	0
2/9/2024 13:44	67402 WAKE_T2	0	0	-1	0.2	0	-0.2	0.15	0.16	0	0	0	0	0	0
2/9/2024 13:46	60604 NCOL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/9/2024 13:47	60602 NCOL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/9/2024 13:47	13302 ORVI_T2	2	1	-1	1.25	1	-0.25	1.04	0.9	0	0	0	0	0	0
2/9/2024 13:49	56503 ROCK_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/9/2024 13:49	64101 REFR_T1	4	6	2	0.35	0.4	0.05	-0.15	-0.14	0	0	0	0	0	0
2/9/2024 13:50	15104 UPHA_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/9/2024 13:51	67401 WAKE_T2	1	2	1	0.2	0.4	0.2	0	0	0	0	0	0	0	0
2/9/2024 13:51	56503 ROCK_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/9/2024 13:51	13302 ORVI_T2	2	1	-1	1.25	1	-0.25	1.04	0.9	0	0	0	0	0	0
2/9/2024 13:55	67401 WAKE_T2	1	2	1	0.2	0.4	0.2	0	0	0	0	0	0	0	0
2/9/2024 13:56	61701 ELIZ_T1	2	3	1	3.3	3.4	0.1	0	0	0	0	0	0	0	0
2/9/2024 13:57	61701 ELIZ_T1	2	3	1	3.3	3.4	0.1	0	0	0	0	0	0	0	0
2/9/2024 13:58	26402 INOR_T1	10	7	-3	0.23	0.43	0.2	0	0	0	0	0	0	0	0
2/9/2024 13:58	50506 MECH_T1	9	11	2	0.3	0.38	0.08	-0.05	-0.11	0	0	0	0	0	0
2/9/2024 13:59	50506 MECH_T1	9	11	2	0.3	0.38	0.08	-0.1	-0.22	0	0	0	0	0	0
2/9/2024 14:00	67402 WAKE_T2	0	0	0	0	0	0	0.16	0.15	0	0	0	0	0	0
2/9/2024 14:02	42002 MNVL_T2	1	1	0	6	5.8	-0.2	0	0	0	0	0	0	0	0
2/9/2024 14:03	54201 PENN_T1	84	56	-28	0.31	0.35	0.04	0.29	0.31	0	0	0	0	0	0
2/9/2024 14:03	59402 RFLD_T2	0	0	0	0	0	0	-0.19	-0.14	0	0	0	0	0	0
2/9/2024 14:04	59201 THOM_T1	10	12	2	0.28	0.3	0.02	0	0	0	0	0	0	0	0
2/9/2024 14:05	67401 WAKE_T2	2	4	2	0.4	0.23	-0.17	0	0	0	0	0	0	0	0
2/9/2024 14:05	59202 THOM_T1	209	290	81	0.25	0.32	0.07	0	0	0	0	0	0	0	0
2/9/2024 14:06	51306 WIND_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/9/2024 14:06	67401 WAKE_T2	2	4	2	0.4	0.23	-0.17	0	0	0	0	0	0	0	0
2/9/2024 14:06	56504 ROCK_T2	1	1	0	0.2	0.1	-0.1	-0.37	-0.39	0	0	0	0	0	0
2/9/2024 14:06	15103 UPHA_T2	1	0	-1	0.8	0	-0.8	0.3	0.27	0	0	0	0	0	0
2/9/2024 14:07	60201 ATGL_T2	0	0	0	0	0	0	0.09	0.3	0	0	0	0	0	0
2/9/2024 14:07	59201 THOM_T1	10	12	2	0.28	0.3	0.02	0	0	0	0	0	0	0	0
2/9/2024 14:07	43001 ALWD_T1	14	19	5	0.39	0.41	0.02	0	0	0	0	0	0	0	0
2/9/2024 14:08	59201 THOM_T1	10	12	2	0.28	0.3	0.02	0	0	0	0	0	0	0	0
2/9/2024 14:08	47401 PENS_T1	6	42	36	0.6	0.3	-0.3	2.01	2.1	0	0	0	0	0	0
2/9/2024 14:08	60201 ATGL_T2	0	0	0	0	0	0	0.3	0.06	0	0	0	0	0	0
2/9/2024 14:08	18001 ZION_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/9/2024 14:08	42701 AUGU_T1	3	4	1	0.63	0.63	0	0	0	0	0	0	0	0	0
2/9/2024 14:09	61304 EARL_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/9/2024 14:09	43001 ALWD_T1	14	19	5	0.39	0.41	0.02	0	0	0	0	0	0	0	0
2/9/2024 14:09	47401 PENS_T1	6	42	36	0.6	0.3	-0.3	1.01	1.05	0	0	0	0	0	0
2/9/2024 14:09	67603 WARW_T1	1	1	0	0.2	0.3	0.1	0	0	0	0	0	0	0	0
2/9/2024 14:10	47402 PENS_T1	2	2	0	0.65	0.55	-0.1	0	0	0	0	0	0	0	0
2/9/2024 14:10	67401 WAKE_T2	2	4	2	0.4	0.23	-0.17	0	0	0	0	0	0	0	0
2/9/2024 14:11	61301 EARL_T1	0	0	0	0	0	0	0.14	0.13	0	0	0	0	0	0
2/9/2024 14:11	42701 AUGU_T1	3	4	1	0.63	0.63	0	0	0	0	0	0	0	0	0
2/9/2024 14:11	42901 MIDD_T2	67	347	280	0.23	0.4	0.17	0	0	0	0	0	0	0	0
2/9/2024 14:12	61301 EARL_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/9/2024 14:12	53903 HALI_T2	5	8	3	1.1	0.85	-0.25	-0.18	-0.15	0	0	0	0	0	0
2/9/2024 14:12	53903 HALI_T2	5	8	3	1.1	0.85	-0.25	-0.18	-0.15	0	0	0	0	0	0
2/9/2024 14:12	17803 GILB_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/9/2024 14:12	47403 PENS_T1	6	5	-1	0.33	0.3	-0.03	0	0	0	0	0	0	0	0
2/9/2024 14:12	61703 ELIZ_T1	256	254	-2	0.58	0.51	-0.07	-4.22	-4.1	0	0	0	0	0	0
2/9/2024 14:13	42901 MIDD_T2	67	347	280	0.23	0.4	0.17	0	0	0	0	0	0	0	0
2/9/2024 14:13	40101 HUNT_T2	0	2	2	0	0.4	0.4	-0.3	-0.34	0	0	0	0	0	0
2/9/2024 14:13	53901 HALI_T2	1	1	0	0.8	0.7	-0.1	-1.1	-1.11	0	0	0	0	0	0
2/9/2024 14:13	40903 JESH_T1	76	192	116	0.15	0.33	0.18	0	0	0	0	0	0	0	0
2/9/2024 14:14	53903 HALI_T2	2	1	-1	0.1	0.3	0.2	0	0	0	0	0	0	0	0
2/9/2024 14:14	53903 HALI_T2	5	8	3	1.1	0.85	-0.25	-0.18	-0.15	0	0	0	0	0	0
2/9/2024 14:14	26402 INOR_T1	4	9	5	0.45	0.36	-0.09	-1.04	-1.08	0	0	0	0	0	0
2/9/2024 14:14	43001 ALWD_T1	14	19	5	0.39	0.41	0.02	0	0	0	0	0	0	0	0
2/9/2024 14:14	26401 INOR_T1	0	0	0	0	0	0	0.76	0.78	0	0	0	0	0	0
2/9/2024 14:14	61703 ELIZ_T1	256	254	-2	0.58	0.51	-0.07	-2.11	-2.05	0	0	0	0	0	0
2/9/2024 14:15	64301 LINC_T1	0	0	0	0	0	0	0.33	0.31	0	0	0	0	0	0
2/9/2024 14:16	58401 MORO_T1	4	0	-4	0.28	0	-0.28	0	0	0	0	0	0	0	0
2/9/2024 14:16	42201 SHEN_T2	1	0	-1	1.3	0	-1.3	-0.29	-0.28	0	0	0	0	0	0
2/9/2024 14:16	53903 HALI_T2	6	9	3	0.92	0.78	-0.14	0	0	0	0	0	0	0	0
2/9/2024 14:16	26402 INOR_T1	7	10	3	0.43	0.24	-0.19	-1.04	-1.08	0	0	0	0	0	0
2/9/2024 14:17	54204 PENN_T2	4	2	-2	0.58	0.45	-0.13	0	0	0	0	0	0	0	0
2/9/2024 14:17	65503 MOJO_T2	44	74	30	0.3	0.25	-0.05	-1.47	-1.49	0	0	0	0	0	0
2/9/2024 14:17	64101 REFR_T1	2	5	3	0.65	0.34	-0.31	-0.13	-0.15	0	0	0	0	0	0
2/9/2024 14:18	54204 PENN_T2	4	2	-2	0.58	0.45	-0.13	0	0	0	0	0	0	0	0
2/9/2024 14:18	64101 REFR_T1	2	5	3	0.65	0.34	-0.31	-0.13	-0.15	0	0	0	0	0	0
2/9/2024 14:20	54202 PENN_T2	373	5	-368	0.25	0.1	-0.15	0	0	0	0	0	0	0	0
2/9/2024 14:20	44301 BEAV_T2	1	16	15	0.1	0.43	0.33	0	0	0	0	0	0	0	0
2/9/2024 14:21	44301 BEAV_T2	1	16	15	0.1	0.43	0.33	0.11	-0.76	0	0	0	0	0	0
2/9/2024 14:21	67402 WAKE_T2	0	0	0	0	0	0	0.15	0.15	0	0	0	0	0	0
2/9/2024 14:21	16301 ALPA_T1	1	1	0	0.2	0.3	0.1	-0.86	-0.9	0	0	0	0	0	0
2/9/2024 14:22	46004 BERW_T2	3	29	26	0.27	0.21	-0.06	-0.79	-0.8	0	0	0	0	0	0
2/9/2024 14:22	15104 UPHA_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/9/2024 14:22	44301 BEAV_T2	1	16	15	0.1	0.43	0.33	0.11	-0.76	0	0	0	0	0	0
2/9/2024 14:22	67401 WAKE_T2	2	4	2	0.3	0.2	-0.1	0	0	0	0	0	0	0	0
2/9/2024 14:22	42701 AUGU_T1	4	1	-3	0.63	1.3	0.67	0	0	0	0	0	0	0	0
2/9/2024 14:22	54001 SDLE_T1	12	12	0	1.22	1.26	0.04	0	0	0	0	0	0	0	0
2/9/2024 14:23	46004 BERW_T2	3	29	26	0.27	0.21	-0.06	-0.8	-0.81	0	0	0	0	0	0
2/9/2024 14:23	42001 MNVL_T2	117	123	6	0.22	0.23	0.01	-0.08	-0.06	0	0	0	0	0	0
2/9/2024 14:23	44301 BEAV_T2	1	16	15	0.1	0.43	0.33	0	0	0	0	0	0	0	0
2/9/2024 14:23	53903 HALI_T2	6	9	3	0.92	0.78	-0.14	-0.15	-0.2	0	0	0	0	0	0
2/9/2024 14:23	43001 ALWD_T1	13	19	6	0.42	0.39	-0.03	0	0	0	0	0	0	0	0
2/9/2024 14:23	16301 ALPA_T1	1	1	0	0.2	0.3	0.1	-0.9	-0.84	0	0	0	0	0	0
2/9/2024 14:24	44302 BEAV_T2	77	463	386	0.34	0.56	0.22	0.52	0.52	0	0	0	0	0	0
2/9/2024 14:24	59202 THOM_T1	282	184	-98	0.32	0.22	-0.1	0	0	0	0	0	0	0	0
2/9/2024 14:24	44302 BEAV_T2	77	463	386	0.34	0.56	0.22	0.52	0.52	0	0	0	0	0	0
2/9/2024 14:24	16301 ALPA_T1	1	1	0	0.2	0.3	0.1	-0.45	-0.42	0	0	0	0	0	0
2/9/2024 14:24	54001 SDLE_T1	12	12	0	1.22	1.26	0.04	0	0	0	0	0	0	0	0
2/9/2024 14:24	42701 AUGU_T1	4	1	-3	0.63	1.3	0.67	0	0	0	0	0	0	0	0
2/9/2024 14:25	44301 BEAV_T2	1	16	15	0.1	0.43	0.33	0	0	0	0	0	0	0	0
2/9/2024 14:25	16302 ALPA_T2	0	0	0	0	0	0	1.66	1.78	0	0	0	0	0	0
2/9/2024 14:25	67604 WARW_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/9/2024 14:25	16301 ALPA_T1	1	1	0	0.2	0.3	0.1	-0.45	-0.42	0	0	0	0	0	0
2/9/2024 14:25	43001 ALWD_T1	13	19	6	0.42	0.39	-0.03	0	0	0	0	0	0	0	0
2/9/2024 14:26	46004 BERW_T2	3	29	26	0.27	0.21	-0.06	-0.8	-0.81	0	0	0	0	0	0
2/9/2024 14:26	16302 ALPA_T2	0	0	0	0	0	0	0.55	0.59	0	0	0	0	0	0
2/9/2024 14:26	67401 WAKE_T2	2	4	2	0.3	0.2	-0.1	0	0	0	0	0	0	0	0
2/9/2024 14:27	42901 MIDD_T2	123	348	225	0.3	0.4	0.1	0	0	0	0	0	0	0	0
2/9/2024 14:27	26402 INOR_T1	7	10	3	0.43	0.24	-0.19	-1.08	-1.08	0	0	0	0	0	0
2/9/2024 14:28	42903 MIDD_T2	8	69	61	0.86	0.74	-0.12	0	0	0	0	0	0	0	0
2/9/2024 14:28	61703 ELIZ_T1	248	254	6	0.45	0.51	0.06	-4.1	-3.97	0	0	0	0	0	0
2/9/2024 14:29	46503 LOHA_T1	60	134	74	0.19	0.24	0.05	-1.28	-1.24	0	0	0	0	0	0
2/9/2024 14:29	50501 MECH_T1	4	4	0	1.65	1.83	0.18	0	0	0	0	0	0	0	0
2/9/2024 14:29	42903 MIDD_T2	8	69	61	0.86	0.74	-0.12	0.31	0.26	0	0	0	0	0	0
2/9/2024 14:29	61703 ELIZ_T1	248	254	6	0.45	0.51	0.06	-2.05	-1.99	0	0	0	0	0	0
2/9/2024 14:30	26401 INOR_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/9/2024 14:30	50504 MECH_T1	99	237	138	0.16	0.19	0.03	0	0	0	0	0	0	0	0
2/9/2024 14:30	43001 ALWD_T1	19	5	-14	0.39	0.48	0.09	0	0	0	0	0	0	0	0
2/9/2024 14:31	50502 MECH_T1	2	3	1	1.55	1.13	-0.42	0	0	0	0	0	0	0	0
2/9/2024 14:31	60605 NCOL_T2	10	0	-10	0.23	0	-0.23	0	0	0	0	0	0	0	0
2/9/2024 14:31	44702 MUNC_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/9/2024 14:32	65503 MOJO_T2	74	22	-52	0.25	0.23	-0.02	-1.49	-1.46	0	0	0	0	0	0
2/9/2024 14:32	58401 MORO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/9/2024 14:32	44702 MUNC_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/9/2024 14:33	40603 PIGR_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/9/2024 14:33	60604 NCOL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/9/2024 14:33	13302 ORVI_T2	1	0	-1	0.1	0	-0.1	0.9	0.93	0	0	0	0	0	0
2/9/2024 14:33	44901 SCOT_T2	0	0	0	0	0	0	0.08	0.22	0	0	0	0	0	0
2/9/2024 14:33	64101 REFR_T1	2	4	2	0.55	0.35	-0.2	-0.15	-0.14	0	0	0	0	0	0
2/9/2024 14:34	42002 MNVL_T2	1	1	0	5.8	6.2	0.4	0	0	0	0	0	0	0	0
2/9/2024 14:34	54001 SDLE_T1	12	10	-2	1.26	1.11	-0.15	0	0	0	0	0	0	0	0
2/9/2024 14:34	60602 NCOL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/9/2024 14:34	64101 REFR_T1	2	4	2	0.55	0.35	-0.2	-0.15	-0.14	0	0	0	0	0	0
2/9/2024 14:35	44901 SCOT_T2	0	0	0	0	0	0	0.08	0.22	0	0	0	0	0	0
2/9/2024 14:35	60902 DONG_T2	0	0	0	0	0	0	0.49	0.45	0	0	0	0	0	0
2/9/2024 14:35	59101 WALK_T2	0	0	0	0	0	0	1.2	0.96	0	0	0	0	0	0
2/9/2024 14:35	40601 PIGR_T1	172	222	50	0.35	0.44	0.09	0	0	0	0	0	0	0	0
2/9/2024 14:35	40602 PIGR_T1	0	0	0	0	0	0	-0.12	-0.11	0	0	0	0	0	0
2/9/2024 14:35	44301 BEAV_T2	16	6	-10	0.43	0.37	-0.06	0	0	0	0	0	0	0	0
2/9/2024 14:36	67402 WAKE_T2	0	0	0	0	0	0	0.15	0.17	0	0	0	0	0	0
2/9/2024 14:36	40601 PIGR_T1	172	222	50	0.35	0.44	0.09	0	0	0	0	0	0	0	0
2/9/2024 14:36	60603 NCOL_T2	0	0	0	0	0	0	0.65	0.59	0	0	0	0	0	0
2/9/2024 14:36	44904 SCOT_T1	0	0	0	0	0	0	0.76	0.62	0	0	0	0	0	0
2/9/2024 14:36	44302 BEAV_T2	462	291	-171	0.56	0.42	-0.14	0.26	0.26	0	0	0	0	0	0
2/9/2024 14:36	40903 JESH_T1	191	60	-131	0.33	0.14	-0.19	0	0	0	0	0	0	0	0
2/9/2024 14:36	57401 SPAN_T1	22	11	-11	0.27	0.26	-0.01	-1.12	-0.9	0	0	0	0	0	0
2/9/2024 14:36	16302 ALPA_T2	0	0	0	0	0	0	1.66	1.78	0	0	0	0	0	0
2/9/2024 14:37	51301 WIND_T1	3	3	0	0.2	0.2	0	0	0	0	0	0	0	0	0
2/9/2024 14:37	67402 WAKE_T2	0	0	0	0	0	0	0.15	0.17	0	0	0	0	0	0
2/9/2024 14:37	51304 WIND_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/9/2024 14:37	16302 ALPA_T2	0	0	0	0	0	0	0.55	0.59	0	0	0	0	0	0
2/9/2024 14:38	45402 WBLO_T2	54	57	3	0.5	0.4	-0.1	-0.81	-0.81	0	0	0	0	0	0
2/9/2024 14:38	46002 BERW_T2	0	32	32	0	0.14	0.14	0	0	0	0	0	0	0	0
2/9/2024 14:38	51304 WIND_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/9/2024 14:38	15104 UPHA_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/9/2024 14:38	44301 BEAV_T2	16	6	-10	0.43	0.37	-0.06	0	0	0	0	0	0	0	0
2/9/2024 14:39	59202 THOM_T1	184	161	-23	0.22	0.21	-0.01	0	0	0	0	0	0	0	0
2/9/2024 14:39	59102 WALK_T2	1	1	0	0.1	0.2	0.1	0	0	0	0	0	0	0	0
2/9/2024 14:39	44301 BEAV_T2	16	6	-10	0.43	0.37	-0.06	0	0	0	0	0	0	0	0
2/9/2024 14:39	42902 MIDD_T2	182	119	-63	0.53	0.46	-0.07	-0.38	-0.37	0	0	0	0	0	0
2/9/2024 14:39	43001 ALWD_T1	19	5	-14	0.39	0.48	0.09	0	0	0	0	0	0	0	0
2/9/2024 14:40	51304 WIND_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/

2/9/2024 14:51	56501 ROCK_T2	9	9	0	0.43	0.47	0.04	-0.49	-0.5	0	0	0	0	0	0
2/9/2024 14:52	67402 WAKE_T2	0	0	0	0	0	0	0.17	0.17	0	0	0	0	0	0
2/9/2024 14:52	56504 ROCK_T2	1	0	-1	0.2	0	-0.2	-0.39	-0.4	0	0	0	0	0	0
2/9/2024 14:52	43105 SMIL_T2	18	23	5	0.38	0.37	-0.01	0	0	0	0	0	0	0	0
2/9/2024 14:53	56504 ROCK_T2	1	0	-1	0.2	0	-0.2	-0.4	-0.41	0	0	0	0	0	0
2/9/2024 14:53	52202 DEVO_T2	0	0	0	0	0	0	-0.22	-0.17	0	0	0	0	0	0
2/9/2024 14:53	29401 BELT_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/9/2024 14:55	56504 ROCK_T2	1	0	-1	0.2	0	-0.2	-0.4	-0.41	0	0	0	0	0	0
2/9/2024 14:56	48901 FOSP_T2	0	0	0	0	0	0	-0.26	-0.28	0	0	0	0	0	0
2/9/2024 14:56	43001 ALWD_T1	4	5	1	0.5	0.5	0	0	0	0	0	0	0	0	0
2/9/2024 14:58	67401 WAKE_T2	3	3	0	0.17	0.17	0	0	0	0	0	0	0	0	0
2/9/2024 14:58	48901 FOSP_T2	0	0	0	0	0	0	-0.26	-0.28	0	0	0	0	0	0
2/9/2024 14:59	50504 MECH_T1	183	260	77	0.17	0.2	0.03	0	0	0	0	0	0	0	0
2/9/2024 15:00	64201 KINZ_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/9/2024 15:00	42002 MNVL_T2	1	1	0	6.2	5.9	-0.3	0	0	0	0	0	0	0	0
2/9/2024 15:00	50504 MECH_T1	225	220	-5	0.19	0.18	-0.01	0	0	0	0	0	0	0	0
2/9/2024 15:00	50503 MECH_T1	78	55	-23	0.15	0.14	-0.01	0	0	0	0	0	0	0	0
2/9/2024 15:01	50505 MECH_T1	33	43	10	0.16	0.17	0.01	0	0	0	0	0	0	0	0
2/9/2024 15:01	43001 ALWD_T1	5	2	-3	0.48	0.25	-0.23	0	0	0	0	0	0	0	0
2/9/2024 15:02	50506 MECH_T1	197	129	-68	0.14	0.13	-0.01	-0.06	-0.04	0	0	0	0	0	0
2/9/2024 15:02	13503 MCMI_T2	0	49	49	0	0.31	0.31	-0.01	-0.01	0	0	0	0	0	0
2/9/2024 15:02	64201 KINZ_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/9/2024 15:03	57401 SPAN_T1	2	11	9	0.85	0.31	-0.54	-0.96	-0.93	0	0	0	0	0	0
2/9/2024 15:04	46504 LOHA_T1	2	2	0	1.45	1	-0.45	0	0	0	0	0	0	0	0
2/9/2024 15:04	48303 ORWI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/9/2024 15:05	59201 THOM_T1	5	14	9	0.2	0.26	0.06	0	0	0	0	0	0	0	0
2/9/2024 15:06	47403 PENS_T1	1	1	0	0.1	2.2	2.1	0	0	0	0	0	0	0	0
2/9/2024 15:06	42002 MNVL_T2	1	1	0	6.2	5.9	-0.3	0	0	0	0	0	0	0	0
2/9/2024 15:07	59202 THOM_T1	160	309	149	0.21	0.3	0.09	0	0	0	0	0	0	0	0
2/9/2024 15:07	43001 ALWD_T1	5	2	-3	0.48	0.25	-0.23	0	0	0	0	0	0	0	0
2/9/2024 15:07	47403 PENS_T1	1	1	0	0.1	2.2	2.1	0	0	0	0	0	0	0	0
2/9/2024 15:08	57401 SPAN_T1	2	11	9	0.85	0.31	-0.54	-0.93	-0.96	0	0	0	0	0	0
2/9/2024 15:08	47402 PENS_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/9/2024 15:08	43401 BENT_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/9/2024 15:09	47401 PENS_T1	1	1	0	0.8	0.6	-0.2	1.71	1.54	0	0	0	0	0	0
2/9/2024 15:09	41601 CLEV_T1	1	0	-1	0.2	0	-0.2	0	0	0	0	0	0	0	0
2/9/2024 15:09	59202 THOM_T1	160	309	149	0.21	0.3	0.09	0	0	0	0	0	0	0	0
2/9/2024 15:09	67402 WAKE_T2	0	0	0	0	0	0	0.18	0.15	0	0	0	0	0	0
2/9/2024 15:09	51306 WIND_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/9/2024 15:10	47402 PENS_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/9/2024 15:10	41301 FISH_T1	21	11	-10	0.39	0.52	0.13	-0.02	-0.04	0	0	0	0	0	0
2/9/2024 15:10	43402 BENT_T1	3	0	-3	0.37	0	-0.37	-0.95	-0.96	0	0	0	0	0	0
2/9/2024 15:12	43001 ALWD_T1	5	2	-3	0.48	0.25	-0.23	0	0	0	0	0	0	0	0
2/9/2024 15:13	41301 FISH_T1	21	11	-10	0.39	0.52	0.13	-0.02	-0.04	0	0	0	0	0	0
2/9/2024 15:13	67402 WAKE_T2	0	0	0	0	0	0	0.18	0.15	0	0	0	0	0	0
2/9/2024 15:15	64802 MONE_T2	172	211	39	0.31	0.29	-0.02	0	0	0	0	0	0	0	0
2/9/2024 15:18	41902 REED_T1	3	0	-3	0.47	0	-0.47	3.24	3.24	0	0	0	0	0	0
2/9/2024 15:19	51301 WIND_T1	3	1	-2	0.17	0.3	0.13	0	0	0	0	0	0	0	0
2/9/2024 15:21	53902 HALI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/9/2024 15:23	43104 SMIL_T2	2	0	-2	0.3	0	-0.3	0	0	0	0	0	0	0	0
2/9/2024 15:23	43001 ALWD_T1	2	0	-2	0.25	0	-0.25	0	0	0	0	0	0	0	0
2/9/2024 15:24	67402 WAKE_T2	0	0	0	0	0	0	0.15	0.15	0	0	0	0	0	0
2/9/2024 15:28	43001 ALWD_T1	2	0	-2	0.25	0	-0.25	0	0	0	0	0	0	0	0
2/9/2024 15:29	67401 WAKE_T2	1	3	2	0.2	0.2	0	0	0	0	0	0	0	0	0
2/9/2024 15:30	28801 LAKE_T1	164	102	-62	0.19	0.17	-0.02	0	0	0	0	0	0	0	0
2/9/2024 15:32	13503 MCMI_T2	49	32	-17	0.31	0.18	-0.13	-0.93	-0.91	0	0	0	0	0	0
2/9/2024 15:39	67902 WNHO_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/9/2024 15:40	67402 WAKE_T2	0	0	0	0	0	0	0.15	0.13	0	0	0	0	0	0
2/9/2024 15:40	60701 BREC_T1	0	4	4	0	0.2	0.2	-0.47	-0.05	0	0	0	0	0	0
2/9/2024 15:41	60701 BREC_T1	0	4	4	0	0.2	0.2	-0.47	-0.05	0	0	0	0	0	0
2/9/2024 15:45	50107 HARR_T3	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/9/2024 15:45	67402 WAKE_T2	0	0	0	0	0	0	0.15	0.13	0	0	0	0	0	0
2/9/2024 15:48	59402 RFLD_T2	0	0	0	0	0	0	-0.68	-0.81	0	0	0	0	0	0
2/9/2024 15:49	59402 RFLD_T2	0	0	0	0	0	0	-0.68	-0.81	0	0	0	0	0	0
2/9/2024 15:50	59402 RFLD_T2	0	0	0	0	0	0	-0.68	-0.81	0	0	0	0	0	0
2/9/2024 15:52	59402 RFLD_T2	0	0	0	0	0	0	-0.68	-0.81	0	0	0	0	0	0
2/9/2024 15:52	59001 MIFF_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/9/2024 15:57	17803 GILB_T2	4	2	-2	0.13	0.1	-0.03	0	0	0	0	0	0	0	0
2/9/2024 15:58	20602 GRWO_T2	0	64	64	0	0.29	0.29	0	0	0	0	0	0	0	0
2/9/2024 16:02	20602 GRWO_T2	64	43	-21	0.28	0.22	-0.06	0	0	0	0	0	0	0	0
2/9/2024 16:06	67401 WAKE_T2	3	3	0	0.3	0.23	-0.07	0	0	0	0	0	0	0	0
2/9/2024 16:06	59102 WALK_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/9/2024 16:07	41303 FISH_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/9/2024 16:07	59102 WALK_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/9/2024 16:11	67401 WAKE_T2	3	3	0	0.3	0.23	-0.07	0	0	0	0	0	0	0	0
2/9/2024 16:15	43001 ALWD_T1	0	3	3	0	0.1	0.1	0	0	0	0	0	0	0	0
2/9/2024 16:18	13302 ORVI_T2	35	36	1	0.15	0.14	-0.01	1.9	2.09	0	0	0	0	0	0
2/9/2024 16:20	13302 ORVI_T2	35	36	1	0.15	0.14	-0.01	0.95	1.05	0	0	0	0	0	0
2/9/2024 16:22	67401 WAKE_T2	3	2	-1	0.23	0.25	0.02	0	0	0	0	0	0	0	0
2/9/2024 16:24	40501 CRES_T2	1	1	0	0.1	0.1	0	0	0	0	0	0	0	0	0
2/9/2024 16:26	40501 CRES_T2	1	1	0	0.1	0.1	0	0	0	0	0	0	0	0	0
2/9/2024 16:27	67402 WAKE_T2	0	0	0	0	0	0	0.13	0.16	0	0	0	0	0	0
2/9/2024 16:28	40502 CRES_T2	15	8	-7	0.21	0.39	0.18	0.44	0.47	0	0	0	0	0	0
2/9/2024 16:38	67402 WAKE_T2	0	0	0	0	0	0	0.16	0.15	0	0	0	0	0	0
2/9/2024 16:43	67401 WAKE_T2	2	2	0	0.2	0.25	0.05	0	0	0	0	0	0	0	0
2/9/2024 16:53	67402 WAKE_T2	0	0	0	0	0	0	0.15	0.16	0	0	0	0	0	0
2/9/2024 16:58	67401 WAKE_T2	2	2	0	0.25	0.2	-0.05	0	0	0	0	0	0	0	0
2/9/2024 17:09	10805 CHHI_T2	1	1	0	6.8	6.9	0.1	-0.61	-0.59	0	0	0	0	0	0
2/9/2024 17:09	67401 WAKE_T2	2	2	0	0.15	0.2	0.05	0	0	0	0	0	0	0	0
2/9/2024 17:14	67402 WAKE_T2	0	0	0	0	0	0	0.16	0.21	0	0	0	0	0	0
2/9/2024 18:10	56501 ROCK_T2	0	2	2	0	1.1	1.1	0	0	0	0	0	0	0	0
2/9/2024 19:02	59402 RFLD_T2	0	0	0	0	0	0	-0.82	-0.83	0	0	0	0	0	0
2/9/2024 19:17	62602 ENGL_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/9/2024 19:19	17002 RIRO_T2	0	1	1	0	0.1	0.1	0.34	0.34	0	0	0	0	0	0
2/9/2024 19:22	13302 ORVI_T2	9	15	6	0.22	0.21	-0.01	1	1.01	0	0	0	0	0	0
2/9/2024 19:23	13302 ORVI_T2	9	15	6	0.22	0.21	-0.01	1.01	1.03	0	0	0	0	0	0
2/9/2024 19:23	16301 ALPA_T1	0	0	0	0	0	0	-0.46	-0.47	0	0	0	0	0	0
2/9/2024 19:24	64202 KINZ_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/9/2024 19:24	60803 BUCK_T1	0	0	0	0	0	0	-0.55	-0.56	0	0	0	0	0	0
2/9/2024 19:26	62604 ENGL_T1	0	0	0	0	0	0	-0.52	-0.53	0	0	0	0	0	0
2/9/2024 19:26	26401 INOR_T1	14	3	-11	0.23	0.1	-0.13	0	0	0	0	0	0	0	0
2/9/2024 19:26	48302 ORWI_T2	2	2	0	0.85	1	0.15	-0.01	0	0	0	0	0	0	0
2/9/2024 19:27	26402 INOR_T1	40	6	-34	0.34	0.17	-0.17	0	0	0	0	0	0	0	0
2/9/2024 19:27	67503 WEWI_T2	0	0	0	0	0	0	-0.3	-0.3	0	0	0	0	0	0
2/9/2024 19:28	67502 WEWI_T2	0	0	0	0	0	0	-0.53	-0.52	0	0	0	0	0	0
2/9/2024 19:29	67001 STHI_T2	8	2	-6	0.18	0.4	0.22	0	0	0	0	0	0	0	0
2/9/2024 19:29	52502 PROG_T2	0	0	0	0	0	0	0.26	0.31	0	0	0	0	0	0
2/9/2024 19:29	64703 LITI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/9/2024 19:29	16302 ALPA_T2	0	0	0	0	0	0	0.59	0.61	0	0	0	0	0	0
2/9/2024 19:30	54504 ENOL_T2	0	0	0	0	0	0	-0.98	-0.99	0	0	0	0	0	0
2/9/2024 19:30	10702 CATA_T2	1	1	0	0.2	0.2	0	0	0	0	0	0	0	0	0
2/9/2024 19:31	13502 MCMI_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/9/2024 19:31	28803 LAKE_T1	2	3	1	0.15	0.2	0.05	0	0	0	0	0	0	0	0
2/9/2024 19:31	67603 WARW_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/9/2024 19:31	59102 WALK_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/9/2024 19:31	16301 ALPA_T1	0	0	0	0	0	0	-0.46	-0.47	0	0	0	0	0	0
2/9/2024 19:31	64904 MILL_T1	0	0	0	0	0	0	0.44	0.52	0	0	0	0	0	0
2/9/2024 19:31	41303 FISH_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/9/2024 19:31	59202 THOM_T1	3	4	1	0.13	0.13	0	0	0	0	0	0	0	0	0
2/9/2024 19:32	40501 CRES_T2	6	8	2	0.17	0.16	-0.01	0	0	0	0	0	0	0	0
2/9/2024 19:32	54504 ENOL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/9/2024 19:32	67001 STHI_T2	2	3	1	0.4	0.3	-0.1	0.04	0.06	0	0	0	0	0	0
2/9/2024 19:32	53901 HALI_T2	0	1	1	0	0.1	0.1	-1.09	-1.07	0	0	0	0	0	0
2/9/2024 19:32	60605 NCOL_T2	0	0	0	0	0	0	-0.57	-0.59	0	0	0	0	0	0
2/9/2024 19:32	14403 SSLA_T1	0	0	0	0	0	0	0.7	0.7	0	0	0	0	0	0
2/9/2024 19:32	61701 ELIZ_T1	1	1	0	5	5.5	0.5	0	0	0	0	0	0	0	0
2/9/2024 19:32	40101 HUNT_T2	0	0	0	0	0	0	-0.54	-0.56	0	0	0	0	0	0
2/9/2024 19:32	50501 MECH_T1	4	4	0	1.65	1.73	0.08	0	0	0	0	0	0	0	0
2/9/2024 19:32	51304 WIND_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/9/2024 19:32	41801 GOCI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/9/2024 19:32	47401 PENS_T1	0	0	0	0	0	0	0.66	0.71	0	0	0	0	0	0
2/9/2024 19:32	64101 REFR_T1	0	0	0	0	0	0	-0.17	-0.14	0	0	0	0	0	0
2/9/2024 19:32	64801 MONE_T2	4	3	-1	0.18	0.28	0.1	-0.38	-0.36	0	0	0	0	0	0
2/9/2024 19:32	60701 BREC_T1	0	0	0	0	0	0	0.04	0.04	0	0	0	0	0	0
2/9/2024 19:33	67503 WEWI_T2	0	0	0	0	0	0	-0.3	-0.3	0	0	0	0	0	0
2/9/2024 19:33	16301 ALPA_T1	0	0	0	0	0	0	-0.46	-0.47	0	0	0	0	0	0
2/9/2024 19:33	26401 INOR_T1	3	0	-3	0.1	0	-0.1	0	0	0	0	0	0	0	0
2/9/2024 19:33	67002 STHI_T2	0	5	5	0	0.1	0.1	0	0	0	0	0	0	0	0
2/9/2024 19:33	54506 ENOL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/9/2024 19:33	53902 HALI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/9/2024 19:33	59101 WALK_T2	0	0	0	0	0	0	0.98	0.96	0	0	0	0	0	0
2/9/2024 19:33	57401 SPAN_T1	0	1	1	0	0.2	0.2	0	0	0	0	0	0	0	0
2/9/2024 19:33	42902 MIDD_T2	8	5	-3	0.14	0.14	0	-1.3	-1.34	0	0	0	0	0	0
2/9/2024 19:33	64702 LITI_T2	0	0	0	0	0	0	-0.81	-0.74	0	0	0	0	0	0
2/9/2024 19:33	66502 SMAN_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/9/2024 19:33	60701 BREC_T1	0	0	0	0	0	0	0.04	0.04	0	0	0	0	0	0
2/9/2024 19:33	16302 ALPA_T2	0	0	0	0	0	0	0.59	0.61	0	0	0	0	0	0
2/9/2024 19:33	52502 PROG_T2	0	0	0	0	0	0	0.26	0.31	0	0	0	0	0	0
2/9/2024 19:33	59202 THOM_T1	3	4	1	0.13	0.13	0	0	0	0	0	0	0	0	0
2/9/2024 19:33	46101 MACI_T2	0	0	0	0	0	0	0.63	0.62	0	0	0	0	0	0
2/9/2024 19:34	54505 ENOL_T2	1	1	0	0.6	0.7	0.1	0	0	0	0	0	0	0	0
2/9/2024 19:34	50506 MECH_T1	0	0	0	0	0	0	-0.17	-0.13	0	0	0	0	0	0
2/9/2024 19:34	66503 SMAN_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/9/2024 19:34	15001 BLMO_T1	1	2	1	1.5	0	-1.5	0	0	0	0	0	0	0	0
2/9/2024 19:34	67001 STHI_T2	2	3	1	0.4	0.3	-0.1	0	0	0	0	0	0	0	0
2/9/2024 19:34	60102 COCA_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/9/2024 19:34	58001 WCAR_T1	1	1	0	0.1	0.2	0.1	0	0	0	0	0	0	0	0
2/9/2024 19:34	56802 BENV_T2	99	21	-78	0.19	0.2	0.01	-1.48	-1.48	0	0	0	0	0	0
2/9/2024 19:34	27502 WEIS_T2	0	0	0	0	0	0	-0.56	-0.61	0	0	0	0	0	0
2/9/2024 19:34	46202 DANV_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/9/2024 19:34	44601 SALE_T2	1	1	0	0.2	0.2	0	-0.11	-0.09	0	0	0	0	0	0
2/9/2024 19:34	59302 MCAL_T1	1	1	0	0.1	0.4	0.3	-0.4	-0.46	0	0	0	0	0	0
2/9/2024 19:34	60803 BUCK_T1	0	0	0	0	0	0	-0.55	-0.56	0	0	0	0	0	0
2/9/2024 19:34	55002 NEWP_T1	4	5	1	0.65	0.56	-0.09	-0.3	-0.29	0	0	0	0	0	0
2/9/2024 19:34	40602 PIGR_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/9/2024 19:34	53903 HALI_T2	2	2	0	1.3	1.7	0.4	0	0	0	0	0	0	0	0
2/9/2024 19:34	57401 SPAN_T1	0	1	1	0	0.2	0.2	-0.83	-0.87	0	0	0	0	0	0
2/9/2024 19:34	20601 GRWO_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/9/2024 19:34	10801 CHHI_T1	0	0	0	0	0	0	-0.97	-0.99	0	0	0	0	0	0
2/9/2024 19:34	42701 AUGU_T1	0	1	1	0	0.3	0.3	0	0	0	0	0	0	0	0
2/9/2024 19:35	10705 CATA_T2	0	0	0	0	0	0	-0.97	-0.99	0	0	0	0	0	0
2/9/2024 19:35	57401 SPAN_T1	0	1	1	0	0.2	0.2	-0.83	-0.87	0	0	0	0	0	0
2/9/2024 19:35	13503 MCMI_T2	28	51	23	0.24	0.27	0.03	-0.9	-0.87	0	0	0	0	0	0
2/9/2024 19:35	44302 BEAV_T2	0	0	0	0	0	0	0.2	0.21	0	0	0	0	0	0
2/9/2024 19:35	54501 ENOL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/9/2024 19:35	64303 LINC_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/9/2024 19:35	16401 MOPO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/9/2024 19:35	41801 GOCI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/9/2024 19:35	49804 UNIV_T1	0	1	1	0	0.2	0.2	0	0	0	0	0	0	0	0
2/9/2024 19:35	65503 MOIO_T2	19	21	2	0.32	0.3	-0.02	-1.65	-1.65	0	0	0	0	0	0
2/9/2024

2/9/2024 19:38	49804 UNIV_T1	0	1	1	0	0.2	0.2	0	0	0	0	0	0	0	0
2/9/2024 19:38	52502 PROG_T2	0	0	0	0	0	0	0.31	0.24	0	0	0	0	0	0
2/9/2024 19:38	10707 CATA_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/9/2024 19:38	43202 MVIL_T2	0	2	2	0	0.1	0.1	0	0	0	0	0	0	0	0
2/9/2024 19:38	40602 PIGR_T1	0	0	0	0	0	0	-0.02	-0.03	0	0	0	0	0	0
2/9/2024 19:38	54504 ENOL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/9/2024 19:38	25502 MADI_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/9/2024 19:38	52501 PROG_T1	0	0	0	0	0	0	0.21	0.23	0	0	0	0	0	0
2/9/2024 19:38	50505 MECH_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/9/2024 19:38	62602 ENGL_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/9/2024 19:38	67503 WEWI_T2	0	0	0	0	0	0	-0.3	-0.29	0	0	0	0	0	0
2/9/2024 19:38	57403 SPAN_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/9/2024 19:38	40602 PIGR_T1	0	0	0	0	0	0	-0.02	-0.03	0	0	0	0	0	0
2/9/2024 19:38	42903 MIDD_T2	2	2	0	1.15	1.35	0.2	0.07	-0.09	0	0	0	0	0	0
2/9/2024 19:38	46003 BERW_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/9/2024 19:38	44902 SCOT_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/9/2024 19:38	67203 TEHI_T1	0	0	0	0	0	0	1.23	1.23	0	0	0	0	0	0
2/9/2024 19:38	17803 GILB_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/9/2024 19:38	67503 WEWI_T2	0	0	0	0	0	0	-0.3	-0.29	0	0	0	0	0	0
2/9/2024 19:38	13302 ORVI_T2	13	15	2	0.21	0.19	-0.02	1.03	1	0	0	0	0	0	0
2/9/2024 19:38	44302 BEAV_T2	0	0	0	0	0	0	0.21	0.22	0	0	0	0	0	0
2/9/2024 19:38	29401 BELT_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/9/2024 19:38	55001 NEWP_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/9/2024 19:38	54001 SDLE_T1	2	2	0	0.55	0.35	-0.2	0	0	0	0	0	0	0	0
2/9/2024 19:38	64101 REFR_T1	0	0	0	0	0	0	-0.14	-0.17	0	0	0	0	0	0
2/9/2024 19:39	54501 ENOL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/9/2024 19:39	56504 ROCK_T2	0	0	0	0	0	0	-0.77	-0.75	0	0	0	0	0	0
2/9/2024 19:39	60701 BREC_T1	0	0	0	0	0	0	0.04	0.04	0	0	0	0	0	0
2/9/2024 19:39	44903 SCOT_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/9/2024 19:39	60604 NCOL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/9/2024 19:39	13501 MCMI_T1	0	0	0	0	0	0	-0.12	-0.12	0	0	0	0	0	0
2/9/2024 19:39	43303 WATS_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/9/2024 19:39	20602 GRWO_T2	30	47	17	0.16	0.26	0.1	0	0	0	0	0	0	0	0
2/9/2024 19:39	59101 WALK_T2	0	0	0	0	0	0	0.96	0.78	0	0	0	0	0	0
2/9/2024 19:39	16302 ALPA_T2	0	0	0	0	0	0	0.61	0.58	0	0	0	0	0	0
2/9/2024 19:39	43304 WATS_T2	1	0	-1	0.3	0	-0.3	-0.43	-0.45	0	0	0	0	0	0
2/9/2024 19:39	67001 STHI_T2	2	3	1	0.4	0.3	-0.1	0	0	0	0	0	0	0	0
2/9/2024 19:39	46201 DANV_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/9/2024 19:39	18001 ZION_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/9/2024 19:39	53901 HALI_T2	0	1	1	0	0.1	0.1	0	0	0	0	0	0	0	0
2/9/2024 19:39	47901 HRDG_T1	0	0	0	0	0	0	1.73	1.61	0	0	0	0	0	0
2/9/2024 19:39	13503 MCMI_T2	28	51	23	0.24	0.27	0.03	-0.87	-0.86	0	0	0	0	0	0
2/9/2024 19:40	54504 ENOL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/9/2024 19:40	61306 EARL_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/9/2024 19:40	47401 PENS_T1	0	0	0	0	0	0	0.71	0.72	0	0	0	0	0	0
2/9/2024 19:40	23902 EFMO_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/9/2024 19:40	43202 MVIL_T2	0	2	2	0	0.1	0.1	-1.36	-1.38	0	0	0	0	0	0
2/9/2024 19:40	54202 PENN_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/9/2024 19:40	64202 KINZ_T1	0	0	0	0	0	0	0.34	0.37	0	0	0	0	0	0
2/9/2024 19:40	44301 BEAV_T2	0	0	0	0	0	0	-0.51	-0.34	0	0	0	0	0	0
2/9/2024 19:40	57401 SPAN_T1	0	1	1	0	0.2	0.2	-0.87	-0.98	0	0	0	0	0	0
2/9/2024 19:40	45402 WBLO_T2	0	1	1	0	0.3	0.3	-0.83	-0.82	0	0	0	0	0	0
2/9/2024 19:40	50506 MECH_T1	0	0	0	0	0	0	-0.13	-0.15	0	0	0	0	0	0
2/9/2024 19:40	59402 RFLD_T2	0	0	0	0	0	0	-0.81	-0.83	0	0	0	0	0	0
2/9/2024 19:40	52501 PROG_T1	0	0	0	0	0	0	0.21	0.23	0	0	0	0	0	0
2/9/2024 19:40	16301 ALPA_T1	0	0	0	0	0	0	-0.47	-0.46	0	0	0	0	0	0
2/9/2024 19:41	60602 NCOL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/9/2024 19:41	47402 PENS_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/9/2024 19:41	20402 ASHF_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/9/2024 19:41	46204 DANV_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/9/2024 19:41	43108 SMIL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/9/2024 19:41	43304 WATS_T2	1	0	-1	0.3	0	-0.3	0	0	0	0	0	0	0	0
2/9/2024 19:41	52002 LING_T2	1	1	0	0.3	0.5	0.2	0	0	0	0	0	0	0	0
2/9/2024 19:41	44701 MUNC_T2	9	64	55	0.1	0.19	0.09	-1.63	-1.61	0	0	0	0	0	0
2/9/2024 19:41	12403 MILF_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/9/2024 19:41	43102 SMIL_T2	6	7	1	0.45	0.56	0.11	0	0	0	0	0	0	0	0
2/9/2024 19:41	57306 MOAL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/9/2024 19:41	54202 PENN_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/9/2024 19:41	46002 BERW_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/9/2024 19:42	50501 MECH_T1	4	4	0	1.65	1.73	0.08	0	0	0	0	0	0	0	0
2/9/2024 19:42	12701 MACU_T1	1	0	-1	0.2	0	-0.2	0.07	0.06	0	0	0	0	0	0
2/9/2024 19:42	43402 BENT_T1	0	0	0	0	0	0	-0.94	-0.95	0	0	0	0	0	0
2/9/2024 19:42	64301 LINC_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/9/2024 19:42	54502 ENOL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/9/2024 19:42	20603 GRWO_T2	161	172	11	0.63	0.69	0.06	0.44	0.43	0	0	0	0	0	0
2/9/2024 19:42	42304 SHEN_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/9/2024 19:42	43304 WATS_T2	1	0	-1	0.3	0	-0.3	0	0	0	0	0	0	0	0
2/9/2024 19:42	55001 NEWP_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/9/2024 19:42	42701 AUGU_T1	0	1	1	0	0.3	0.3	0	0	0	0	0	0	0	0
2/9/2024 19:42	67502 WEWI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/9/2024 19:42	44703 MUNC_T2	3	3	0	1	1.07	0.07	0	0	0	0	0	0	0	0
2/9/2024 19:42	56503 ROCK_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/9/2024 19:42	61503 EPET_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/9/2024 19:42	58401 MORO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/9/2024 19:42	42903 MIDD_T2	2	2	0	1.15	1.35	0.2	0.07	-0.09	0	0	0	0	0	0
2/9/2024 19:42	43202 MVIL_T2	0	2	2	0	0.1	0.1	-0.68	-0.69	0	0	0	0	0	0
2/9/2024 19:43	54505 ENOL_T2	1	1	0	0.6	0.7	0.1	0	0	0	0	0	0	0	0
2/9/2024 19:43	46505 LOHA_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/9/2024 19:43	61304 EARL_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/9/2024 19:43	44301 BEAV_T2	0	0	0	0	0	0	-0.51	-0.34	0	0	0	0	0	0
2/9/2024 19:43	67002 STHI_T2	0	5	5	0	0.1	0.1	0	0	0	0	0	0	0	0
2/9/2024 19:43	63801 HEMP_T1	128	113	-15	0.22	0.19	-0.03	0	0	0	0	0	0	0	0
2/9/2024 19:43	53902 HALI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/9/2024 19:43	54202 PENN_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/9/2024 19:43	42002 MNVL_T2	1	1	0	5.6	5.5	-0.1	0	0	0	0	0	0	0	0
2/9/2024 19:43	40501 CRES_T2	6	8	2	0.17	0.16	-0.01	0	0	0	0	0	0	0	0
2/9/2024 19:43	60701 BREC_T1	0	0	0	0	0	0	0.04	0.04	0	0	0	0	0	0
2/9/2024 19:43	47403 PENS_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/9/2024 19:43	57403 SPAN_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/9/2024 19:43	56503 ROCK_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/9/2024 19:43	54701 NEBL_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/9/2024 19:43	43001 ALWD_T1	1	5	4	0.1	0.1	0	0	0	0	0	0	0	0	0
2/9/2024 19:44	43304 WATS_T2	1	0	-1	0.3	0	-0.3	0	0	0	0	0	0	0	0
2/9/2024 19:44	66701 STRA_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/9/2024 19:44	46502 LOHA_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/9/2024 19:44	40101 HUNT_T2	0	0	0	0	0	0	-0.56	-0.54	0	0	0	0	0	0
2/9/2024 19:44	42001 MNVL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/9/2024 19:44	47402 PENS_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/9/2024 19:44	60901 DONG_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/9/2024 19:44	58001 WCAR_T1	1	1	0	0.1	0.2	0.1	0	0	0	0	0	0	0	0
2/9/2024 19:44	57401 SPAN_T1	0	1	1	0	0.2	0.2	0	0	0	0	0	0	0	0
2/9/2024 19:44	40901 JESH_T1	20	27	7	0.15	0.16	0.01	0	0	0	0	0	0	0	0
2/9/2024 19:44	56802 BENV_T2	99	21	-78	0.19	0.2	0.01	-1.48	-1.46	0	0	0	0	0	0
2/9/2024 19:45	67902 WNHO_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/9/2024 19:45	54001 SDLE_T1	2	1	-1	0.35	0.4	0.05	0	0	0	0	0	0	0	0
2/9/2024 19:45	54501 ENOL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/9/2024 19:45	59101 WALK_T2	0	0	0	0	0	0	0.96	0.78	0	0	0	0	0	0
2/9/2024 19:45	56504 ROCK_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/9/2024 19:45	44301 BEAV_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/9/2024 19:45	45704 LIND_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/9/2024 19:45	40502 CRES_T2	7	8	1	0.69	0.6	-0.09	-0.05	-0.02	0	0	0	0	0	0
2/9/2024 19:45	43001 ALWD_T1	2	4	2	0.1	0.1	0	0	0	0	0	0	0	0	0
2/9/2024 19:45	59402 RFLD_T2	0	0	0	0	0	0	-0.81	-0.83	0	0	0	0	0	0
2/9/2024 19:46	43104 SMIL_T2	0	0	0	0	0	0	-0.8	-0.82	0	0	0	0	0	0
2/9/2024 19:46	46801 HEPB_T2	0	0	0	0	0	0	0.57	0.56	0	0	0	0	0	0
2/9/2024 19:46	51302 WIND_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/9/2024 19:46	43402 BENT_T1	0	0	0	0	0	0	-0.94	-0.95	0	0	0	0	0	0
2/9/2024 19:46	41301 FISH_T1	2	2	0	1.25	1.45	0.2	-0.05	-0.05	0	0	0	0	0	0
2/9/2024 19:46	40603 PIGR_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/9/2024 19:46	43302 WATS_T2	4	4	0	0.48	0.5	0.02	0	0	0	0	0	0	0	0
2/9/2024 19:46	41903 REED_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/9/2024 19:46	47901 HRDG_T1	0	0	0	0	0	0	1.73	1.61	0	0	0	0	0	0
2/9/2024 19:47	50502 MECH_T1	1	3	2	2.9	3	0.1	0	0	0	0	0	0	0	0
2/9/2024 19:47	44301 BEAV_T2	0	0	0	0	0	0	-0.51	-0.34	0	0	0	0	0	0
2/9/2024 19:48	56504 ROCK_T2	0	0	0	0	0	0	-0.39	-0.37	0	0	0	0	0	0
2/9/2024 19:49	46501 LOHA_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/9/2024 19:49	53902 HALI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/9/2024 19:49	44301 BEAV_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/9/2024 20:12	16301 ALPA_T1	0	0	0	0	0	0	-0.45	-0.45	0	0	0	0	0	0
2/9/2024 20:43	41901 REED_T1	11	11	0	0.74	0.88	0.14	0	0	0	0	0	0	0	0
2/9/2024 21:23	61703 ELIZ_T1	248	251	3	0.46	0.6	0.14	-2.17	-2.17	0	0	0	0	0	0
2/9/2024 21:25	15701 TANN_T1	1	4	3	4.8	1.43	-3.37	0	0	0	0	0	0	0	0
2/9/2024 21:40	44901 SCOT_T2	0	0	0	0	0	0	-0.26	-0.24	0	0	0	0	0	0
2/9/2024 22:00	53902 HALI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/9/2024 22:05	53901 HALI_T2	1	0	-1	0.8	0	-0.8	0	0	0	0	0	0	0	0
2/10/2024 1:46	46702 RENO_T1	0	0	0	0	0	0	-0.18	-0.19	0	0	0	0	0	0
2/10/2024 4:04	59201 THOM_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/10/2024 6:04	59202 THOM_T1	2	0	-2	0.4	0	-0.4	0	0	0	0	0	0	0	0
2/10/2024 7:52	43401 BENT_T1	0	1	1	0	0	0	0	0	0	0	0	0	0	0
2/10/2024 7:56	43402 BENT_T1	0	0	0	0	0	0	-0.94	-0.93	0	0	0	0	0	0
2/10/2024 7:58	45501 DERR_T2	0	1	1	0	0.1	0.1	0.17	0.08	0	0	0	0	0	0
2/10/2024 8:04	46702 RENO_T1	28	8	-20	0.15	0.15	0	-0.15	-0.15	0	0	0	0	0	0
2/10/2024 8:11	46801 HEPB_T2	0	0	0	0	0	0	0.58	0.58	0	0	0	0	0	0
2/10/2024 8:12	46203 DANV_T2	0	11	11	0	0.12	0.12	-1.86	-1.84	0	0	0	0	0	0
2/10/2024 8:15	46801 HEPB_T2	0	0	0	0	0	0	0.58	0.58	0	0	0	0	0	0
2/10/2024 8:19	49803 UNIV_T1	0	0	0	0	0	0	-1.14	-1.12	0	0	0	0	0	0
2/10/2024 8:24	10801 CHHI_T1	0	2	2	0	0	0	-0.81	-0.77	0	0	0	0	0	0
2/10/2024 8:30	10801 CHHI_T1	0	2	2	0	0.4	0.4	-0.81	-0.77	0	0	0	0	0	0
2/10/2024 8:40	10801 CHHI_T1	0	2	2	0	0.4	0.4	-0.77	-0.82	0	0	0	0	0	0
2/10/2024 8:44	61203 MGTN_T1	0	58	58	0	0.2	0.2	0.47	0.47	0	0	0	0	0	0
2/10/2024 8:45	10801 CHHI_T1	2	2	0	0.5	0	-0.5	-0.77	-0.82	0	0	0	0	0	0
2/10/2024 8:56	10801 CHHI_T1	2	2	0	0.5	0	-0.5	-0.82	-0.82	0	0	0	0	0	0
2/10/2024 8:57	40101 HUNT_T2	1	1	0	0.2	0.3	0.1	-0.44	-0.46	0	0	0	0	0	0
2/10/2024 9:00	42301 MCWR_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/10/2024 9:00	60803 BUCK_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/10/2024 9:00	40503 CRES_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/10/2024 9:00	41901 REED_T1	1	1	0	0.2	0.2	0	0	0	0	0	0	0	0	0
2/10/2024 9:00	13503 MCMI_T2	0	0	0	0	0	0	-0.89	-0.84	0	0	0	0	0	0
2/10/2024 9:00	67503 WEWI_T2	0	0	0	0	0	0	-0.13	-0.24	0	0	0	0	0	0
2/10/2024 9:00	65004 NEFF_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/10/2024 9:00	67401 WAKE_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/10/2024 9:00	45901 AUBU_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/10/2024 9:00	47101 MARL_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/10/2024 9:00	43001 ALWD_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/10/2024 9:00	40502 CRES_T2	0	10	10	0	0.22	0.22	-0.53	-1.68	0	0	0	0	0	0
2/10/2024 9:00	40101 HUNT_T2	1	2	1	0.3	0.4	0.1	-0.44	-0.46	0	0	0	0	0	0
2/10/2024 9:00	58402 MORO_T1	0	0	0	0	0	0	-0.49	-0.52	0	0	0	0	0	0
2/10/2024 9:00	17002 RIRO_T2	0	0	0	0	0	0	0.34	0.34	0	0	0	0	0	0
2/10/2024 9:01	44902 SCOT_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/10/2024 9:01	40602 PIGR_T1	0	0	0	0	0	0	-1.87	-1.85	0	0	0	0	0	0
2/10/2024 9:06	10801 CHHI_T1	1	1	0	0.4	0	-0.4	-0.82	-0.82	0	0	0	0	0	0
2/10/2024 9:06	24102 EHAZ_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/10/2024 9:06	60701 BREC_T1	0	0	0	0	0	0	-0.51	-0.52	0	0	0	0	0

2/10/2024 10:09	43304 WATS_T2	0	1	1	0	0	0	-0.23	-0.21	0	0	0	0	0	0
2/10/2024 10:09	10801 CHHI_T1	0	1	1	0	0.5	0.5	-0.86	-0.86	0	0	0	0	0	0
2/10/2024 10:09	29402 BELT_T1	1	1	0	8.9	8.8	-0.1	0	0	0	0	0	0	0	0
2/10/2024 10:10	56802 BENV_T2	0	0	0	0	0	0	-1.4	-1.42	0	0	0	0	0	0
2/10/2024 10:11	17803 GILB_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/10/2024 10:11	56802 BENV_T2	0	0	0	0	0	0	-1.4	-1.42	0	0	0	0	0	0
2/10/2024 10:12	23901 EFMO_T2	0	0	0	0	0	0	-0.91	-0.9	0	0	0	0	0	0
2/10/2024 10:14	12701 MACU_T1	0	0	0	0	0	0	0.07	0.08	0	0	0	0	0	0
2/10/2024 10:15	40902 JESH_T1	0	0	0	0	0	0	-1.01	-0.99	0	0	0	0	0	0
2/10/2024 10:15	42902 MIDD_T2	77	93	16	0.44	0.44	0	0	0	0	0	0	0	0	0
2/10/2024 10:15	10801 CHHI_T1	1	1	0	1.3	0.5	-0.8	-0.86	-0.86	0	0	0	0	0	0
2/10/2024 10:16	40603 PIGR_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/10/2024 10:17	16402 MOPO_T1	0	3	3	0	0.2	0.2	-0.13	-0.13	0	0	0	0	0	0
2/10/2024 10:18	40601 PIGR_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/10/2024 10:21	66501 SMAN_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/10/2024 10:23	46202 DANV_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/10/2024 10:25	10801 CHHI_T1	1	1	0	1.3	0.5	-0.8	-0.86	-0.86	0	0	0	0	0	0
2/10/2024 10:27	46205 DANV_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/10/2024 10:30	40101 HUNT_T2	1	0	-1	0.2	0	-0.2	-1.15	-1.16	0	0	0	0	0	0
2/10/2024 10:30	10801 CHHI_T1	1	2	1	0.5	0.3	-0.2	-0.86	-0.86	0	0	0	0	0	0
2/10/2024 10:31	40101 HUNT_T2	1	0	-1	0.2	0	-0.2	-0.58	-0.58	0	0	0	0	0	0
2/10/2024 10:36	66505 SMAN_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/10/2024 10:36	43402 BENT_T1	0	0	0	0	0	0	-0.96	-0.94	0	0	0	0	0	0
2/10/2024 10:37	66501 SMAN_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/10/2024 10:38	41903 REED_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/10/2024 10:38	59102 WALK_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/10/2024 10:38	43402 BENT_T1	0	0	0	0	0	0	-0.94	-0.95	0	0	0	0	0	0
2/10/2024 10:38	13503 MCMI_T2	0	0	0	0	0	0	-0.91	-0.89	0	0	0	0	0	0
2/10/2024 10:41	55001 NEWP_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/10/2024 10:42	55002 NEWP_T1	3	4	1	0.3	0.35	0.05	-0.22	-0.21	0	0	0	0	0	0
2/10/2024 10:42	46204 DANV_T2	0	1	1	0	0	0	0	0	0	0	0	0	0	0
2/10/2024 10:42	40101 HUNT_T2	1	0	-1	0.2	0	-0.2	-0.58	-0.58	0	0	0	0	0	0
2/10/2024 10:43	55001 NEWP_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/10/2024 10:44	41801 GOCI_T2	0	1	1	0	0	0	0	0	0	0	0	0	0	0
2/10/2024 10:45	55002 NEWP_T1	3	4	1	0.33	0.35	0.02	-0.22	-0.21	0	0	0	0	0	0
2/10/2024 10:46	46803 HEPB_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/10/2024 10:48	44902 SCOT_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/10/2024 10:49	41901 REED_T1	0	1	1	0	0.2	0.2	0	0	0	0	0	0	0	0
2/10/2024 10:49	57306 MOAL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/10/2024 10:49	57401 SPAN_T1	0	0	0	0	0	0	-1.16	-1.16	0	0	0	0	0	0
2/10/2024 10:50	57403 SPAN_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/10/2024 10:51	57401 SPAN_T1	0	0	0	0	0	0	-1.16	-1.16	0	0	0	0	0	0
2/10/2024 10:51	65804 RTWN_T1	0	0	0	0	0	0	-0.2	-0.22	0	0	0	0	0	0
2/10/2024 10:52	65804 RTWN_T1	0	0	0	0	0	0	-0.2	-0.22	0	0	0	0	0	0
2/10/2024 10:52	65802 RTWN_T2	0	0	0	0	0	0	-0.43	-0.47	0	0	0	0	0	0
2/10/2024 10:52	57403 SPAN_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/10/2024 10:52	67402 WAKE_T2	0	0	0	0	0	0	-0.42	-0.43	0	0	0	0	0	0
2/10/2024 10:53	44901 SCOT_T2	0	0	0	0	0	0	-0.57	-0.51	0	0	0	0	0	0
2/10/2024 10:53	60102 COCA_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/10/2024 10:54	57401 SPAN_T1	0	0	0	0	0	0	-1.16	-1.14	0	0	0	0	0	0
2/10/2024 10:55	67401 WAKE_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/10/2024 10:55	11104 EGYP_T1	2	1	-1	0.5	0.2	-0.3	0.17	0.19	0	0	0	0	0	0
2/10/2024 10:57	60101 COCA_T1	0	0	0	0	0	0	0.32	0.32	0	0	0	0	0	0
2/10/2024 10:57	51102 CARL_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/10/2024 10:57	11102 EGYP_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/10/2024 10:57	55001 NEWP_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/10/2024 10:58	40101 HUNT_T2	0	0	0	0	0	0	-0.58	-0.58	0	0	0	0	0	0
2/10/2024 10:59	55001 NEWP_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/10/2024 10:59	65503 MOIO_T2	0	0	0	0	0	0	-1.49	-1.54	0	0	0	0	0	0
2/10/2024 11:00	67401 WAKE_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/10/2024 11:01	55002 NEWP_T1	4	4	0	0.35	0.33	-0.02	-0.21	-0.23	0	0	0	0	0	0
2/10/2024 11:03	52501 PROG_T1	0	0	0	0	0	0	0.28	0.27	0	0	0	0	0	0
2/10/2024 11:04	64101 REFR_T1	0	0	0	0	0	0	-0.18	-0.16	0	0	0	0	0	0
2/10/2024 11:05	67401 WAKE_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/10/2024 11:05	65804 RTWN_T1	0	0	0	0	0	0	-0.22	-0.24	0	0	0	0	0	0
2/10/2024 11:06	48302 ORWI_T2	2	2	0	0.9	0.95	0.05	-0.62	-0.61	0	0	0	0	0	0
2/10/2024 11:06	65804 RTWN_T1	0	0	0	0	0	0	-0.22	-0.24	0	0	0	0	0	0
2/10/2024 11:06	64101 REFR_T1	0	0	0	0	0	0	-0.35	-0.32	0	0	0	0	0	0
2/10/2024 11:08	57401 SPAN_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/10/2024 11:08	60803 BUCK_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/10/2024 11:10	55103 WERT_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/10/2024 11:10	67401 WAKE_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/10/2024 11:11	17801 GILB_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/10/2024 11:12	53901 HALI_T2	3	1	-2	0.33	0.6	0.27	0	0	0	0	0	0	0	0
2/10/2024 11:13	17802 GILB_T1	1	0	-1	0.3	0	-0.3	0.07	0.06	0	0	0	0	0	0
2/10/2024 11:13	53901 HALI_T2	3	1	-2	0.33	0.6	0.27	0	0	0	0	0	0	0	0
2/10/2024 11:13	26401 INOR_T1	5	6	1	0.18	0.22	0.04	0.28	0.25	0	0	0	0	0	0
2/10/2024 11:14	17801 GILB_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/10/2024 11:15	41801 GOCI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/10/2024 11:17	42902 MIDD_T2	100	99	-1	0.53	0.56	0.03	0	0	0	0	0	0	0	0
2/10/2024 11:18	42903 MIDD_T2	50	67	17	0.31	0.32	0.01	0	0	0	0	0	0	0	0
2/10/2024 11:19	42903 MIDD_T2	50	67	17	0.31	0.32	0.01	0	0	0	0	0	0	0	0
2/10/2024 11:20	43302 WATS_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/10/2024 11:20	64101 REFR_T1	0	0	0	0	0	0	-0.16	-0.13	0	0	0	0	0	0
2/10/2024 11:21	67402 WAKE_T2	0	0	0	0	0	0	-0.4	-0.44	0	0	0	0	0	0
2/10/2024 11:21	64101 REFR_T1	0	0	0	0	0	0	-0.16	-0.13	0	0	0	0	0	0
2/10/2024 11:22	64101 REFR_T1	0	0	0	0	0	0	-0.16	-0.13	0	0	0	0	0	0
2/10/2024 11:23	43303 WATS_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/10/2024 11:26	67402 WAKE_T2	0	0	0	0	0	0	-0.44	-0.44	0	0	0	0	0	0
2/10/2024 11:29	40101 HUNT_T2	0	0	0	0	0	0	-0.58	-0.6	0	0	0	0	0	0
2/10/2024 11:30	59301 MCAL_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/10/2024 11:33	65803 RTWN_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/10/2024 11:33	16406 MOPO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/10/2024 11:33	64101 REFR_T1	0	0	0	0	0	0	-0.13	-0.07	0	0	0	0	0	0
2/10/2024 11:33	65804 RTWN_T1	0	0	0	0	0	0	-0.23	-0.22	0	0	0	0	0	0
2/10/2024 11:34	53902 HALI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/10/2024 11:34	65804 RTWN_T1	0	0	0	0	0	0	-0.23	-0.22	0	0	0	0	0	0
2/10/2024 11:35	66702 STRA_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/10/2024 11:37	67402 WAKE_T2	0	0	0	0	0	0	-0.88	-0.88	0	0	0	0	0	0
2/10/2024 11:37	64101 REFR_T1	0	0	0	0	0	0	-0.13	-0.07	0	0	0	0	0	0
2/10/2024 11:40	17802 GILB_T1	0	0	0	0	0	0	0.05	0.05	0	0	0	0	0	0
2/10/2024 11:42	17801 GILB_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/10/2024 11:42	67402 WAKE_T2	0	0	0	0	0	0	-0.44	-0.44	0	0	0	0	0	0
2/10/2024 11:43	53601 DALM_T2	2	1	-1	0.15	0.8	0.65	-0.18	-0.2	0	0	0	0	0	0
2/10/2024 11:44	46801 HEPB_T2	0	0	0	0	0	0	0.61	0.61	0	0	0	0	0	0
2/10/2024 11:44	17802 GILB_T1	0	0	0	0	0	0	0.05	0.05	0	0	0	0	0	0
2/10/2024 11:45	17805 GILB_T2	0	3	3	0	0	0	0	0	0	0	0	0	0	0
2/10/2024 11:45	46801 HEPB_T2	0	0	0	0	0	0	0.61	0.61	0	0	0	0	0	0
2/10/2024 11:46	16401 MOPO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/10/2024 11:46	45704 LIND_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/10/2024 11:47	46803 HEPB_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/10/2024 11:47	64101 REFR_T1	0	0	0	0	0	0	-0.07	-0.16	0	0	0	0	0	0
2/10/2024 11:49	65803 RTWN_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/10/2024 11:49	65804 RTWN_T1	0	0	0	0	0	0	-0.44	-0.5	0	0	0	0	0	0
2/10/2024 11:49	64101 REFR_T1	0	0	0	0	0	0	-0.07	-0.16	0	0	0	0	0	0
2/10/2024 11:50	60604 NCOL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/10/2024 11:50	66702 STRA_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/10/2024 11:50	59101 WALK_T2	2	0	-2	0.45	0	-0.45	2.85	2.85	0	0	0	0	0	0
2/10/2024 11:51	59101 WALK_T2	2	0	-2	0.45	0	-0.45	1.42	1.43	0	0	0	0	0	0
2/10/2024 11:52	67401 WAKE_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/10/2024 11:52	44302 BEAV_T2	156	199	43	0.46	0.51	0.05	0.24	0.28	0	0	0	0	0	0
2/10/2024 11:53	59101 WALK_T2	2	0	-2	0.45	0	-0.45	2.85	2.89	0	0	0	0	0	0
2/10/2024 11:54	51101 CARL_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/10/2024 11:58	67402 WAKE_T2	0	0	0	0	0	0	-0.44	-0.43	0	0	0	0	0	0
2/10/2024 12:07	67401 WAKE_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/10/2024 12:08	46003 BERW_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/10/2024 12:08	67401 WAKE_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/10/2024 12:09	67502 WEWI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/10/2024 12:10	51103 CARL_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/10/2024 12:13	67401 WAKE_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/10/2024 12:19	67201 TEHI_T1	0	7	7	0	0.11	0.11	-0.04	-0.07	0	0	0	0	0	0
2/10/2024 12:26	17802 GILB_T1	1	1	0	1	0	-1	0.04	0.04	0	0	0	0	0	0
2/10/2024 12:27	17803 GILB_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/10/2024 12:27	17801 GILB_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/10/2024 12:30	17802 GILB_T1	1	0	-1	0.4	0	-0.4	0.04	0.04	0	0	0	0	0	0
2/10/2024 12:35	13302 ORVI_T2	0	0	0	0	0	0	0.99	0.99	0	0	0	0	0	0
2/10/2024 12:36	65804 RTWN_T1	0	0	0	0	0	0	-0.21	-0.21	0	0	0	0	0	0
2/10/2024 12:37	59101 WALK_T2	0	0	0	0	0	0	2.5	2.64	0	0	0	0	0	0
2/10/2024 12:37	65801 RTWN_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/10/2024 12:39	59101 WALK_T2	0	0	0	0	0	0	1.32	1.36	0	0	0	0	0	0
2/10/2024 12:40	59101 WALK_T2	0	0	0	0	0	0	2.64	2.72	0	0	0	0	0	0
2/10/2024 12:47	64101 REFR_T1	0	0	0	0	0	0	-0.18	-0.11	0	0	0	0	0	0
2/10/2024 12:51	64101 REFR_T1	0	0	0	0	0	0	-0.18	-0.11	0	0	0	0	0	0
2/10/2024 12:51	67402 WAKE_T2	0	0	0	0	0	0	-0.43	-0.41	0	0	0	0	0	0
2/10/2024 13:03	64101 REFR_T1	0	0	0	0	0	0	-0.11	-0.16	0	0	0	0	0	0
2/10/2024 13:07	64101 REFR_T1	0	0	0	0	0	0	-0.11	-0.16	0	0	0	0	0	0
2/10/2024 13:10	29401 BELT_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/10/2024 13:12	41602 CLEV_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/10/2024 13:17	64101 REFR_T1	0	0	0	0	0	0	-0.16	-0.15	0	0	0	0	0	0
2/10/2024 13:24	59101 WALK_T2	0	0	0	0	0	0	1.34	1.33	0	0	0	0	0	0
2/10/2024 13:28	53601 DALM_T2	1	1	0	0.9	0.6	-0.3	-0.13	-0.14	0	0	0	0	0	0
2/10/2024 13:44	46801 HEPB_T2	0	2	2	0	0.1	0.1	0.59	0.6	0	0	0	0	0	0
2/10/2024 13:45	24701 FLND_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/10/2024 13:46	46803 HEPB_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/10/2024 13:47	46803 HEPB_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/10/2024 13:48	54204 PENN_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/10/2024 13:51	42701 AUGU_T1	0	1	1	0	0.4	0.4	0	0	0	0	0	0	0	0
2/10/2024 13:53	67401 WAKE_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/10/2024 13:53	59102 WALK_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/10/2024 13:54	42701 AUGU_T1	0	1	1	0	0.4	0.4	0	0	0	0	0	0	0	0
2/10/2024 13:55	61701 ELIZ_T1	1	1	0	5.6	6	0.4	0	0	0	0	0	0	0	0
2/10/2024 13:56	61701 ELIZ_T1	1	1	0	5.6	6	0.4	0	0	0	0	0	0	0	0
2/10/2024 13:58	67402 WAKE_T2	0	0	0	0	0	0	-0.45	-0.43	0	0	0	0	0	0
2/10/2024 14:00	40101 HUNT_T2	0	0	0	0	0	0	-1.36	-1.36	0	0	0	0	0	0
2/10/2024 14:01	40101 HUNT_T2	0	0	0	0	0	0	-0.68	-0.68	0	0	0	0	0	0
2/10/2024 14:06	67503 WEWI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/10/2024 14:06	67401 WAKE_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/10/2024 14:06	59202 THOM_T1	2	6	4	0.1	0.18	0.08	0	0	0	0	0	0	0	0
2/10/2024 14:06	59102 WALK_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/10/2024 14:07	42701 AUGU_T1	1	1	0	0.4	0.2	-0.2	0	0	0	0	0	0	0	0
2/10/2024 14:08	44301 BEAV_T2	7	7	0	0.4	0.33	-0.07	0	0	0	0	0	0	0	0
2/10/2024 14:08	29402 BELT_T1	1	8	7	9.2	1.31	-7.89	0	0	0	0	0	0	0	0
2/10/2024 14:09	67402 WAKE_T2	0	0	0	0	0	0	-0.43	-0.42	0	0	0	0	0	0
2/10/2024 14:09	29402 BELT_T1	1	8	7	9.2	1.31	-7.89	0	0	0	0	0	0	0	0
2/10/2024 14:09	29402 BELT_T1	1	8	7	9.2	1.31	-7.89	0	0	0	0	0	0	0	0
2/10/2024 14:10	42701 AUGU_T1	1	1	0	0.4	0.2	-0.2	0	0	0	0	0	0	0	0
2/10/2024 14:11	61701 ELIZ_T1	1	1	0	5.9	6	0.1	0	0	0	0	0	0	0	0
2/10/2024 14:12	53903 HALI_T2	2	2	0	1.45	1.55	0.1	-0.2	-0.2	0	0	0	0	0	0
2/10/2024 14:12	40101 HUNT_T2	0	0	0	0	0	0	-0.68	-0.68	0	0	0	0	0	0
2/10/2024 14:12	61703 ELIZ_T1	242	250	8	0.39	0.4	0.01	-2.68	-2.7	0	0	0	0	0	0
2/10/2024 14:13	47001 HUGH_T2	0	0	0	0	0	0	-0.87	-0.84	0	0	0	0	0	0
2/10/2024 14:14	46801 HEPB_T2	2	2	0	0.1	0.2	0.1	0.58	0.57	0	0	0	0	0	0
2/10/2024 14:14	67402 WAKE_T2	0	0	0	0	0	0	-0.43	-0.42

2/10/2024 14:30	17802 GILB_T1	0	0	0	0	0	0	-0.01	-0.04	0	0	0	0	0	0
2/10/2024 14:30	67402 WAKE_T2	0	0	0	0	0	0	-0.42	-0.45	0	0	0	0	0	0
2/10/2024 14:31	51402 LYKE_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/10/2024 14:31	55001 NEWP_T1	7	12	5	0.27	0.21	-0.06	0	0	0	0	0	0	0	0
2/10/2024 14:32	53903 HALI_T2	2	3	1	1.55	1	-0.55	-0.2	-0.15	0	0	0	0	0	0
2/10/2024 14:32	52504 PROG_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/10/2024 14:32	46801 HEPB_T2	2	2	0	0.2	0.2	0	0.57	0.58	0	0	0	0	0	0
2/10/2024 14:32	10801 CHHI_T1	0	0	0	0	0	0	-0.89	-0.88	0	0	0	0	0	0
2/10/2024 14:32	40101 HUNT_T2	0	0	0	0	0	0	-1.36	-1.34	0	0	0	0	0	0
2/10/2024 14:33	56503 ROCK_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/10/2024 14:34	16402 MOPO_T1	0	0	0	0	0	0	-0.18	-0.21	0	0	0	0	0	0
2/10/2024 14:34	56501 ROCK_T2	9	14	5	0.33	0.61	0.28	0	0	0	0	0	0	0	0
2/10/2024 14:35	67402 WAKE_T2	0	0	0	0	0	0	-0.42	-0.45	0	0	0	0	0	0
2/10/2024 14:36	67401 WAKE_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/10/2024 14:36	59101 WALK_T2	0	0	0	0	0	0	1.45	1.4	0	0	0	0	0	0
2/10/2024 14:36	42202 SHEN_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/10/2024 14:36	56504 ROCK_T2	0	5	5	0	0	0	-0.47	-0.46	0	0	0	0	0	0
2/10/2024 14:37	56503 ROCK_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/10/2024 14:37	10801 CHHI_T1	0	0	0	0	0	0	-0.89	-0.88	0	0	0	0	0	0
2/10/2024 14:38	66703 STRA_T1	0	0	0	0	0	0	-0.28	-0.27	0	0	0	0	0	0
2/10/2024 14:38	56504 ROCK_T2	0	5	5	0	0	0	0	0	0	0	0	0	0	0
2/10/2024 14:38	59102 WALK_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/10/2024 14:38	16302 ALPA_T2	0	0	0	0	0	0	0.47	0.47	0	0	0	0	0	0
2/10/2024 14:39	29402 BELT_T1	8	6	-2	1.31	1.7	0.39	0	0	0	0	0	0	0	0
2/10/2024 14:39	60803 BUCK_T1	0	0	0	0	0	0	-1.12	-1.1	0	0	0	0	0	0
2/10/2024 14:39	16302 ALPA_T2	0	0	0	0	0	0	0.47	0.47	0	0	0	0	0	0
2/10/2024 14:40	61302 EARL_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/10/2024 14:40	67401 WAKE_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/10/2024 14:40	29401 BELT_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/10/2024 14:40	59101 WALK_T2	0	0	0	0	0	0	1.4	1.39	0	0	0	0	0	0
2/10/2024 14:40	44302 BEAV_T2	241	288	47	0.55	0.54	-0.01	0.26	0.25	0	0	0	0	0	0
2/10/2024 14:40	16302 ALPA_T2	0	0	0	0	0	0	0.93	0.94	0	0	0	0	0	0
2/10/2024 14:41	29402 BELT_T1	8	6	-2	1.31	1.7	0.39	0	0	0	0	0	0	0	0
2/10/2024 14:42	40101 HUNT_T2	0	0	0	0	0	0	-0.67	-0.66	0	0	0	0	0	0
2/10/2024 14:42	51108 CARL_T1	0	1	1	0	0.1	0.1	0	0	0	0	0	0	0	0
2/10/2024 14:42	10801 CHHI_T1	0	0	0	0	0	0	-1.76	-1.8	0	0	0	0	0	0
2/10/2024 14:43	53901 HALI_T2	1	1	0	1.1	0.8	-0.3	0	0	0	0	0	0	0	0
2/10/2024 14:43	55002 NEWP_T1	3	7	4	0.53	0.54	0.01	-0.24	-0.23	0	0	0	0	0	0
2/10/2024 14:43	40101 HUNT_T2	0	0	0	0	0	0	-0.67	-0.66	0	0	0	0	0	0
2/10/2024 14:44	55002 NEWP_T1	3	7	4	0.53	0.54	0.01	-0.24	-0.23	0	0	0	0	0	0
2/10/2024 14:44	46801 HEPB_T2	2	2	0	0.2	0.2	0	0.58	0.58	0	0	0	0	0	0
2/10/2024 14:45	45701 LIND_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/10/2024 14:45	46803 HEPB_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/10/2024 14:45	55001 NEWP_T1	5	12	7	0.28	0.2	-0.08	0	0	0	0	0	0	0	0
2/10/2024 14:45	64201 KINZ_T1	1	1	0	1	0.6	-0.4	0	0	0	0	0	0	0	0
2/10/2024 14:46	55002 NEWP_T1	5	7	2	0.56	0.57	0.01	-0.48	-0.46	0	0	0	0	0	0
2/10/2024 14:47	46803 HEPB_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/10/2024 14:47	55002 NEWP_T1	5	7	2	0.56	0.57	0.01	-0.24	-0.23	0	0	0	0	0	0
2/10/2024 14:47	40101 HUNT_T2	0	1	1	0	0.2	0.2	-0.67	-0.66	0	0	0	0	0	0
2/10/2024 14:47	59402 RFLD_T2	0	0	0	0	0	0	-0.79	-0.79	0	0	0	0	0	0
2/10/2024 14:48	59402 RFLD_T2	0	0	0	0	0	0	-0.79	-0.79	0	0	0	0	0	0
2/10/2024 14:48	52504 PROG_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/10/2024 14:48	64101 REFR_T1	0	0	0	0	0	0	-0.17	-0.19	0	0	0	0	0	0
2/10/2024 14:49	40602 PIGR_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/10/2024 14:50	16401 MOPO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/10/2024 14:50	59101 WALK_T2	0	0	0	0	0	0	1.4	1.39	0	0	0	0	0	0
2/10/2024 14:50	59402 RFLD_T2	0	0	0	0	0	0	-0.79	-0.79	0	0	0	0	0	0
2/10/2024 14:51	67503 WEWI_T2	0	0	0	0	0	0	-0.58	-0.54	0	0	0	0	0	0
2/10/2024 14:51	67401 WAKE_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/10/2024 14:51	46701 RENO_T1	34	26	-8	0.39	0.45	0.06	-0.09	-0.13	0	0	0	0	0	0
2/10/2024 14:52	59402 RFLD_T2	0	0	0	0	0	0	-0.79	-0.79	0	0	0	0	0	0
2/10/2024 14:52	64101 REFR_T1	0	0	0	0	0	0	-0.17	-0.19	0	0	0	0	0	0
2/10/2024 14:53	10801 CHHI_T1	0	0	0	0	0	0	-0.9	-0.9	0	0	0	0	0	0
2/10/2024 14:53	67502 WEWI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/10/2024 14:54	67503 WEWI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/10/2024 14:54	61801 EELI_T2	1	1	0	0.1	0.3	0.2	-2.02	-2.14	0	0	0	0	0	0
2/10/2024 14:54	45501 DERR_T2	1	1	0	0.7	0.8	0.1	-0.14	-0.12	0	0	0	0	0	0
2/10/2024 14:55	45501 DERR_T2	1	1	0	0.7	0.8	0.1	-0.14	-0.12	0	0	0	0	0	0
2/10/2024 14:56	20402 ASHF_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/10/2024 14:56	67401 WAKE_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/10/2024 14:57	17801 GILB_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/10/2024 14:58	53901 HALI_T2	1	2	1	0.6	0.5	-0.1	0	0	0	0	0	0	0	0
2/10/2024 14:58	10801 CHHI_T1	0	0	0	0	0	0	-0.9	-0.9	0	0	0	0	0	0
2/10/2024 14:59	17801 GILB_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/10/2024 14:59	53902 HALI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/10/2024 15:00	17801 GILB_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/10/2024 15:01	56603 HAMP_T1	0	0	0	0	0	0	-1.24	-1.22	0	0	0	0	0	0
2/10/2024 15:03	66301 MCGO_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/10/2024 15:03	47401 PENS_T1	1	3	2	0.3	0.43	0.13	2.38	2.31	0	0	0	0	0	0
2/10/2024 15:03	17805 GILB_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/10/2024 15:04	53903 HALI_T2	2	4	2	1.2	1.03	-0.17	-0.18	-0.17	0	0	0	0	0	0
2/10/2024 15:04	47402 PENS_T1	0	2	2	0	0.25	0.25	0	0	0	0	0	0	0	0
2/10/2024 15:05	13302 ORVI_T2	0	0	0	0	0	0	1.01	0.97	0	0	0	0	0	0
2/10/2024 15:05	47401 PENS_T1	1	3	2	0.3	0.43	0.13	0.79	0.77	0	0	0	0	0	0
2/10/2024 15:06	47401 PENS_T1	1	3	2	0.3	0.43	0.13	0.79	0.77	0	0	0	0	0	0
2/10/2024 15:07	67401 WAKE_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/10/2024 15:07	47401 PENS_T1	1	3	2	0.3	0.43	0.13	0.79	0.77	0	0	0	0	0	0
2/10/2024 15:08	56802 BENV_T2	1	1	0	0.5	0.6	0.1	-1.51	-1.48	0	0	0	0	0	0
2/10/2024 15:09	10801 CHHI_T1	0	0	0	0	0	0	-0.9	-0.93	0	0	0	0	0	0
2/10/2024 15:10	15001 BLMO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/10/2024 15:10	56802 BENV_T2	1	1	0	0.5	0.6	0.1	-1.51	-1.48	0	0	0	0	0	0
2/10/2024 15:11	41802 GOCI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/10/2024 15:12	67401 WAKE_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/10/2024 15:14	41802 GOCI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/10/2024 15:14	25503 MADI_T1	0	0	0	0	0	0	-1.02	-0.99	0	0	0	0	0	0
2/10/2024 15:14	10801 CHHI_T1	0	0	0	0	0	0	-0.9	-0.93	0	0	0	0	0	0
2/10/2024 15:16	28702 HAML_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/10/2024 15:19	44902 SCOT_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/10/2024 15:20	59202 THOM_T1	1	0	-1	0.2	0	-0.2	0	0	0	0	0	0	0	0
2/10/2024 15:20	16302 ALPA_T2	0	0	0	0	0	0	0.6	0.5	0	0	0	0	0	0
2/10/2024 15:21	44902 SCOT_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/10/2024 15:21	16302 ALPA_T2	0	0	0	0	0	0	0.6	0.5	0	0	0	0	0	0
2/10/2024 15:22	16302 ALPA_T2	0	0	0	0	0	0	1.19	1	0	0	0	0	0	0
2/10/2024 15:22	60201 ATGL_T2	0	0	0	0	0	0	-0.05	-0.06	0	0	0	0	0	0
2/10/2024 15:22	57403 SPAN_T1	0	0	0	0	0	0	0	0.03	0	0	0	0	0	0
2/10/2024 15:24	57401 SPAN_T1	12	4	-8	0.29	0.38	0.09	0	0	0	0	0	0	0	0
2/10/2024 15:24	10801 CHHI_T1	0	0	0	0	0	0	-0.93	-0.9	0	0	0	0	0	0
2/10/2024 15:27	41801 GOCI_T2	0	1	1	0	0.2	0.2	1	0	0	0	0	0	0	0
2/10/2024 15:30	10801 CHHI_T1	0	0	0	0	0	0	-0.93	-0.9	0	0	0	0	0	0
2/10/2024 15:35	67503 WEWI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/10/2024 15:36	65903 SAKR_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/10/2024 15:39	67502 WEWI_T2	0	0	0	0	0	0	-1.56	-1.53	0	0	0	0	0	0
2/10/2024 15:40	67503 WEWI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/10/2024 15:40	10801 CHHI_T1	0	0	0	0	0	0	-0.9	-0.89	0	0	0	0	0	0
2/10/2024 15:43	41801 GOCI_T2	1	0	-1	0.2	0	-0.2	0	0	0	0	0	0	0	0
2/10/2024 15:45	10801 CHHI_T1	0	0	0	0	0	0	-0.9	-0.89	0	0	0	0	0	0
2/10/2024 15:46	40101 HUNT_T2	0	0	0	0	0	0	-0.69	-0.69	0	0	0	0	0	0
2/10/2024 15:47	51401 LYKE_T1	0	0	0	0	0	0	0.25	0.23	0	0	0	0	0	0
2/10/2024 15:52	42701 AUGU_T1	1	1	0	0.4	0.4	0	0	0	0	0	0	0	0	0
2/10/2024 15:52	57401 SPAN_T1	2	5	3	0.55	0.3	-0.25	-1.24	-1.2	0	0	0	0	0	0
2/10/2024 15:53	57401 SPAN_T1	2	5	3	0.55	0.3	-0.25	-1.2	-1.24	0	0	0	0	0	0
2/10/2024 15:54	67402 WAKE_T2	0	0	0	0	0	0	-0.43	-0.47	0	0	0	0	0	0
2/10/2024 15:55	42701 AUGU_T1	1	1	0	0.4	0.4	0	0	0	0	0	0	0	0	0
2/10/2024 15:56	10801 CHHI_T1	0	0	0	0	0	0	-0.89	-0.9	0	0	0	0	0	0
2/10/2024 15:57	46701 RENO_T1	19	13	-6	0.56	0.74	0.18	0	0	0	0	0	0	0	0
2/10/2024 15:59	67401 WAKE_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/10/2024 16:01	10801 CHHI_T1	0	0	0	0	0	0	-0.89	-0.9	0	0	0	0	0	0
2/10/2024 16:02	40101 HUNT_T2	0	0	0	0	0	0	-0.69	-0.69	0	0	0	0	0	0
2/10/2024 16:02	46702 RENO_T1	0	45	45	0	0.2	0.2	-0.22	-0.17	0	0	0	0	0	0
2/10/2024 16:03	41901 REED_T1	3	0	-3	0.3	0	-0.3	0	0	0	0	0	0	0	0
2/10/2024 16:04	41902 REED_T1	0	0	0	0	0	0	1.64	1.65	0	0	0	0	0	0
2/10/2024 16:10	67402 WAKE_T2	0	0	0	0	0	0	-0.47	-0.44	0	0	0	0	0	0
2/10/2024 16:12	10801 CHHI_T1	0	0	0	0	0	0	-0.9	-0.91	0	0	0	0	0	0
2/10/2024 16:15	67401 WAKE_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/10/2024 16:15	13503 MCMI_T2	1	1	0	0.1	0.1	0	-0.93	-0.95	0	0	0	0	0	0
2/10/2024 16:17	10801 CHHI_T1	0	0	0	0	0	0	-0.9	-0.91	0	0	0	0	0	0
2/10/2024 16:18	13503 MCMI_T2	1	1	0	0.1	0.1	0	-0.93	-0.95	0	0	0	0	0	0
2/10/2024 16:21	56501 ROCK_T2	65	62	-3	0.23	0.21	-0.02	-3.44	-3.41	0	0	0	0	0	0
2/10/2024 16:22	13901 SEID_T1	0	0	0	0	0	0	0	0.15	0.17	0	0	0	0	0
2/10/2024 16:23	56501 ROCK_T2	65	62	-3	0.23	0.21	-0.02	-1.71	-1.73	0	0	0	0	0	0
2/10/2024 16:25	40501 CRES_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/10/2024 16:26	40502 CRES_T2	18	9	-9	0.29	0.22	-0.07	-0.52	-0.48	0	0	0	0	0	0
2/10/2024 16:27	10801 CHHI_T1	0	0	0	0	0	0	-0.91	-0.9	0	0	0	0	0	0
2/10/2024 16:28	40502 CRES_T2	18	9	-9	0.29	0.22	-0.07	-0.52	-0.48	0	0	0	0	0	0
2/10/2024 16:28	40101 HUNT_T2	0	0	0	0	0	0	-0.67	-0.66	0	0	0	0	0	0
2/10/2024 16:33	10801 CHHI_T1	0	0	0	0	0	0	-0.91	-0.9	0	0	0	0	0	0
2/10/2024 16:36	67402 WAKE_T2	0	0	0	0	0	0	-0.44	-0.44	0	0	0	0	0	0
2/10/2024 16:38	10801 CHHI_T1	0	0	0	0	0	0	-0.9	-0.9	0	0	0	0	0	0
2/10/2024 16:41	67402 WAKE_T2	0	0	0	0	0	0	-0.44	-0.45	0	0	0	0	0	0
2/10/2024 16:43	10801 CHHI_T1	0	0	0	0	0	0	-0.9	-0.9	0	0	0	0	0	0
2/10/2024 16:52	67402 WAKE_T2	0	0	0	0	0	0	-0.44	-0.45	0	0	0	0	0	0
2/10/2024 16:54	10801 CHHI_T1	0	0	0	0	0	0	-0.9	-0.88	0	0	0	0	0	0
2/10/2024 16:57	67402 WAKE_T2	0	0	0	0	0	0	-0.45	-0.43	0	0	0	0	0	0
2/10/2024 16:59	10801 CHHI_T1	0	0	0	0	0	0	-0.9	-0.88	0	0	0	0	0	0
2/10/2024 17:25	10801 CHHI_T1	0	0	0	0	0	0	-0.87	-0.83	0	0	0	0	0	0
2/10/2024 17:30	10801 CHHI_T1	0	1	1	0	0	0	-0.87	-0.83	0	0	0	0	0	0
2/10/2024 19:00	59402 RFLD_T2	0	0	0	0	0	0	-0.78	-0.8	0	0	0	0	0	0
2/10/2024 19:09	56501 ROCK_T2	3	7	4	0.13	0.13	0	0	0	0	0	0	0	0	0
2/10/2024 19:12	56503 ROCK_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/10/2024 19:13	29402 BELT_T1	1	1	0	8.7	9	0.3	0	0	0	0	0	0	0	0
2/10/2024 19:13	13503 MCMI_T2	0	0	0	0	0	0	-0.88	-0.9	0	0	0	0	0	0
2/10/2024 19:14	29401 BELT_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/10/2024 19:14	56503 ROCK_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/10/2024 19:15	24702 FLND_T2	3	2	-1	0.2	0	-0.2	0.33	0.26	0	0	0	0	0	0
2/10/2024 19:17	27502 WEIS_T2	0	0	0	0	0	0	-0.64	-0.65	0	0	0	0	0	0
2/10/2024 19:18	16402 MOPO_T1	2	1	-1	0.6	0	-0.6	-0.2	-0.16	0	0	0	0	0	0
2/10/2024 19:18	29402 BELT_T1	1	1	0	8.7	9.2	0.5	0	0	0	1	0	0	0	0
2/10/2024 19:19	17802 GILB_T1	0	0	0	0	0	0	0.01	0	0	0	0	0	0	0
2/10/2024 19:19	29401 BELT_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/10/2024 19:19	63203 MGTN_T1	0	2	2	0	0.1	0.1	0.4	0.4	0	0	0	0	0	0
2/10/2024 19:19	17805 GILB_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/10/2024 19:19	13503 MCMI_T2	0	0	0	0	0	0	-0.88	-0.9	0	0	0	0	0	0
2/10/2024 19:20	26402 INOR_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/10/2024 19:21	17802 GILB_T1	0	0	0	0	0	0	0.01	0	0	0	0	0	0	0
2/10/2024 19:22	17802 GILB_T1	0	0	0	0	0	0	0.01	0	0	0	0	0	0	0
2/10/2024 19:23	28701 HAML_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/10/2024 19:26	49803 UNIV_T1	0	0	0	0	0	0	-1.14	-1.18	0	0	0	0	0	0
2/10/2024 19:27	44902 SCOT_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/10/2024 19:27	15001 BLMO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/10/2024 19:28	16302 ALPA_T2	0	0	0	0	0	0	0.47	0.49	0	0	0	0	0	0
2/10/2024 19:28	64201 KINZ_T1	1	1	0	0.8	1.1	0.3	0	0	0	0	0	0	0	0
2/10/2024 19:28	41802 GOCI_T2	0	0	0

2/10/2024 19:33	47002 HUGH_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/10/2024 19:34	56603 HAMP_T1	0	0	0	0	0	0	-1.24	-1.21	0	0	0	0	0	0
2/10/2024 19:34	65502 MOJO_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/10/2024 19:34	57304 MOAL_T2	0	0	0	0	0	0	-0.54	-0.47	0	0	0	0	0	0
2/10/2024 19:34	47403 PENS_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/10/2024 19:34	43302 WATS_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/10/2024 19:34	61306 EARL_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/10/2024 19:34	46203 DANV_T2	36	76	40	0.18	0.26	0.08	-3.96	-3.93	0	0	0	0	0	0
2/10/2024 19:34	45501 DERR_T2	0	0	0	0	0	0	0.05	0.02	0	0	0	0	0	0
2/10/2024 19:34	56802 BENV_T2	0	1	1	0	0.1	0.1	-1.46	-1.5	0	0	0	0	0	0
2/10/2024 19:34	60102 COCA_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/10/2024 19:34	44302 BEAV_T2	189	357	168	0.4	0.57	0.17	0.21	0.24	0	0	0	0	0	0
2/10/2024 19:34	64101 REFR_T1	0	0	0	0	0	0	-0.17	-0.14	0	0	0	0	0	0
2/10/2024 19:34	60201 ATGL_T2	0	0	0	0	0	0	-0.01	0	0	0	0	0	0	0
2/10/2024 19:34	57401 SPAN_T1	0	0	0	0	0	0	-1.83	-1.9	0	0	0	0	0	0
2/10/2024 19:35	48303 ORWI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/10/2024 19:35	55001 NEWP_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/10/2024 19:35	57401 SPAN_T1	0	0	0	0	0	0	-0.91	-0.95	0	0	0	0	0	0
2/10/2024 19:35	41601 CLEV_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/10/2024 19:35	67503 WEWI_T2	0	0	0	0	0	0	-0.31	-0.31	0	0	0	0	0	0
2/10/2024 19:35	56503 ROCK_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/10/2024 19:35	51102 CARL_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/10/2024 19:35	53602 DALM_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/10/2024 19:35	47401 PENS_T1	0	0	0	0	0	0	0.76	0.76	0	0	0	0	0	0
2/10/2024 19:35	51402 LYKE_T1	0	0	0	0	0	0	-1.54	-1.52	0	0	0	0	0	0
2/10/2024 19:35	40502 CRES_T2	11	12	1	0.28	0.33	0.05	-0.41	-0.43	0	0	0	0	0	0
2/10/2024 19:35	51401 LYKE_T1	0	0	0	0	0	0	0.24	0.25	0	0	0	0	0	0
2/10/2024 19:35	67502 WEWI_T2	0	0	0	0	0	0	-1.54	-1.48	0	0	0	0	0	0
2/10/2024 19:36	43302 WATS_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/10/2024 19:36	40101 HUNT_T2	0	0	0	0	0	0	-0.67	-0.65	0	0	0	0	0	0
2/10/2024 19:36	56503 ROCK_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/10/2024 19:36	43401 BENT_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/10/2024 19:36	46801 HEPB_T2	0	1	1	0	0.1	0.1	0.58	0.61	0	0	0	0	0	0
2/10/2024 19:36	57401 SPAN_T1	0	0	0	0	0	0	-0.91	-0.95	0	0	0	0	0	0
2/10/2024 19:36	67503 WEWI_T2	0	0	0	0	0	0	-0.31	-0.31	0	0	0	0	0	0
2/10/2024 19:36	61701 ELIZ_T1	1	1	0	5.8	5.8	0	0	0	0	0	0	0	0	0
2/10/2024 19:36	43304 WATS_T2	0	0	0	0	0	0	-0.63	-0.6	0	0	0	0	0	0
2/10/2024 19:36	42902 MIDD_T2	77	162	85	0.47	0.47	0	-0.68	-0.67	0	0	0	0	0	0
2/10/2024 19:36	59402 RFLD_T2	0	0	0	0	0	0	-0.82	-0.81	0	0	0	0	0	0
2/10/2024 19:37	66502 SMAN_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/10/2024 19:37	60605 NCOL_T2	0	0	0	0	0	0	-1.43	-1.42	0	0	0	0	0	0
2/10/2024 19:37	65802 RTWN_T2	0	0	0	0	0	0	-0.5	-0.5	0	0	0	0	0	0
2/10/2024 19:37	52501 PROG_T1	0	0	0	0	0	0	0.31	0.33	0	0	0	0	0	0
2/10/2024 19:37	67503 WEWI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/10/2024 19:37	65901 SAKR_T2	1	1	0	7.9	8.5	0.6	-1.39	-1.47	0	0	0	0	0	0
2/10/2024 19:37	53902 HALI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/10/2024 19:37	56802 BENV_T2	0	1	1	0	0.1	0.1	-2.92	-3	0	0	0	0	0	0
2/10/2024 19:37	67401 WAKE_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/10/2024 19:37	56501 ROCK_T2	3	15	12	0.13	0.27	0.14	-1.64	-1.7	0	0	0	0	0	0
2/10/2024 19:37	60101 COCA_T1	0	0	0	0	0	0	0.2	0.2	0	0	0	0	0	0
2/10/2024 19:38	40601 PIGR_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/10/2024 19:38	66505 SMAN_T2	3	0	-3	0.57	0	-0.57	-0.51	-0.45	0	0	0	0	0	0
2/10/2024 19:38	60803 BUCK_T1	0	0	0	0	0	0	-1.23	-1.22	0	0	0	0	0	0
2/10/2024 19:38	55001 NEWP_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/10/2024 19:38	67502 WEWI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/10/2024 19:38	61802 EELI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/10/2024 19:38	65804 RTWN_T1	0	0	0	0	0	0	-0.27	-0.24	0	0	0	0	0	0
2/10/2024 19:39	43402 BENT_T1	0	0	0	0	0	0	-0.93	-0.94	0	0	0	0	0	0
2/10/2024 19:39	57403 SPAN_T1	0	0	0	0	0	0	-0.01	0.01	0	0	0	0	0	0
2/10/2024 19:39	55001 NEWP_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/10/2024 19:39	46801 HEPB_T2	0	1	1	0	0.1	0.1	0.61	0.59	0	0	0	0	0	0
2/10/2024 19:39	16302 ALPA_T2	0	0	0	0	0	0	0.49	0.46	0	0	0	0	0	0
2/10/2024 19:40	59101 WALK_T2	0	0	0	0	0	0	1.98	1.46	0	0	0	0	0	0
2/10/2024 19:40	59402 RFLD_T2	0	0	0	0	0	0	-0.81	-0.83	0	0	0	0	0	0
2/10/2024 19:40	56503 ROCK_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/10/2024 19:40	42701 AUGU_T1	1	1	0	0.2	0.7	0.5	0	0	0	0	0	0	0	0
2/10/2024 19:41	42202 SHEN_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/10/2024 19:41	66301 MCGO_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/10/2024 19:41	56501 ROCK_T2	3	15	12	0.13	0.27	0.14	0	0	0	0	0	0	0	0
2/10/2024 19:41	47401 PENS_T1	0	0	0	0	0	0	0.76	0.74	0	0	0	0	0	0
2/10/2024 19:41	12704 MACU_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/10/2024 19:41	59102 WALK_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/10/2024 19:41	53902 HALI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/10/2024 19:41	55002 NEWP_T1	4	4	0	0.7	0.7	0	-0.26	-0.29	0	0	0	0	0	0
2/10/2024 19:41	57403 SPAN_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/10/2024 19:41	42901 MIDD_T2	163	336	173	0.32	0.44	0.12	0	0	0	0	0	0	0	0
2/10/2024 19:41	56802 BENV_T2	0	1	1	0	0.1	0.1	-1.5	-1.45	0	0	0	0	0	0
2/10/2024 19:42	56504 ROCK_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/10/2024 19:42	42903 MIDD_T2	2	14	12	2.35	0.49	-1.86	-0.19	-0.19	0	0	0	0	0	0
2/10/2024 19:42	40502 CRES_T2	11	12	1	0.28	0.33	0.05	-0.43	-0.42	0	0	0	0	0	0
2/10/2024 19:42	65902 SAKR_T2	0	0	0	0	0	0	-0.61	-0.63	0	0	0	0	0	0
2/10/2024 19:42	43401 BENT_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/10/2024 19:42	59101 WALK_T2	0	0	0	0	0	0	0.99	0.73	0	0	0	0	0	0
2/10/2024 19:43	66703 STRA_T1	0	0	0	0	0	0	-0.4	-0.41	0	0	0	0	0	0
2/10/2024 19:43	56802 BENV_T2	0	1	1	0	0.1	0.1	-1.5	-1.45	0	0	0	0	0	0
2/10/2024 19:43	57401 SPAN_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/10/2024 19:43	47401 PENS_T1	0	0	0	0	0	0	1.52	1.48	0	0	0	0	0	0
2/10/2024 19:43	55001 NEWP_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/10/2024 19:43	40101 HUNT_T2	0	0	0	0	0	0	-0.65	-0.66	0	0	0	0	0	0
2/10/2024 19:43	40903 JESH_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/10/2024 19:44	41903 REED_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/10/2024 19:44	46803 HEPB_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/10/2024 19:44	59402 RFLD_T2	0	0	0	0	0	0	-0.81	-0.83	0	0	0	0	0	0
2/10/2024 19:44	45701 LIND_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/10/2024 19:44	67902 WNHO_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/10/2024 19:44	40501 CRES_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/10/2024 19:44	59102 WALK_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/10/2024 19:46	56504 ROCK_T2	0	0	0	0	0	0	-0.46	-0.45	0	0	0	0	0	0
2/10/2024 19:47	53902 HALI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/10/2024 19:57	56802 BENV_T2	0	1	1	0	0.1	0.1	-1.45	-1.45	0	0	0	0	0	0
2/10/2024 19:59	56504 ROCK_T2	0	0	0	0	0	0	-0.45	-0.44	0	0	0	0	0	0
2/10/2024 20:00	57401 SPAN_T1	0	2	2	0	4.7	4.7	-0.93	-0.98	0	0	0	0	0	0
2/10/2024 20:03	56802 BENV_T2	1	0	-1	0.1	0	-0.1	-1.45	-1.45	0	0	0	0	0	0
2/10/2024 20:13	64101 REFR_T1	0	0	0	0	0	0	-0.18	-0.17	0	0	0	0	0	0
2/10/2024 20:43	41903 REED_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/11/2024 1:07	53901 HALI_T2	1	1	0	0.9	1	0.1	0	0	0	0	0	0	0	0
2/11/2024 1:23	53902 HALI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/11/2024 2:00	46702 RENO_T1	0	83	83	0	0.17	0.17	-0.17	-0.17	0	0	0	0	0	0
2/11/2024 2:26	53902 HALI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/11/2024 7:51	43401 BENT_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/11/2024 7:54	43402 BENT_T1	0	1	1	0	0.2	0.2	-0.92	-0.94	0	0	0	0	0	0
2/11/2024 8:08	46206 DANV_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/11/2024 8:19	58402 MORO_T1	0	0	0	0	0	0	-0.54	-0.49	0	0	0	0	0	0
2/11/2024 8:28	46803 HEPB_T2	7	7	0	0.21	0.23	0.02	0	0	0	0	0	0	0	0
2/11/2024 8:28	45501 DERR_T2	0	0	0	0	0	0	-0.05	-0.04	0	0	0	0	0	0
2/11/2024 8:28	40101 HUNT_T2	0	0	0	0	0	0	-0.61	-0.65	0	0	0	0	0	0
2/11/2024 8:32	46801 HEPB_T2	19	13	-6	0.25	0.23	-0.02	0.61	0.61	0	0	0	0	0	0
2/11/2024 8:42	40501 CRES_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/11/2024 8:45	26401 INOR_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/11/2024 8:54	40501 CRES_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/11/2024 9:00	46002 BERW_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/11/2024 9:00	59101 WALK_T2	1	2	1	0.2	0	-0.2	1.38	1.42	0	0	0	0	0	0
2/11/2024 9:00	27502 WEIS_T2	0	0	0	0	0	0	-0.65	-0.59	0	0	0	0	0	0
2/11/2024 9:00	65002 NEFF_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/11/2024 9:00	42302 MOWR_T2	0	0	0	0	0	0	0.38	0.4	0	0	0	0	0	0
2/11/2024 9:00	59102 WALK_T2	0	0	0	0	0	0	-0.41	-0.42	0	0	0	0	0	0
2/11/2024 9:00	67503 WEWI_T2	0	0	0	0	0	0	-0.52	-0.54	0	0	0	0	0	0
2/11/2024 9:00	43001 ALWD_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/11/2024 9:00	40501 CRES_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/11/2024 9:00	56501 ROCK_T2	2	2	0	2.65	2	-0.65	0	0	0	0	0	0	0	0
2/11/2024 9:00	40505 CRES_T1	0	0	0	0	0	0	0.28	0.26	0	0	0	0	0	0
2/11/2024 9:00	45902 AUBU_T1	0	0	0	0	0	0	-0.95	-0.95	0	0	0	0	0	0
2/11/2024 9:00	10801 CHHI_T1	1	1	0	0.1	0	-0.1	-0.83	-0.81	0	0	0	0	0	0
2/11/2024 9:00	58401 MORO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/11/2024 9:00	40101 HUNT_T2	1	1	0	0.4	0	-0.4	-0.64	-0.6	0	0	0	0	0	0
2/11/2024 9:00	45501 DERR_T2	0	0	0	0	0	0	-0.05	-0.1	0	0	0	0	0	0
2/11/2024 9:00	67402 WAKE_T2	0	0	0	0	0	0	-0.44	-0.45	0	0	0	0	0	0
2/11/2024 9:01	55002 NEWP_T1	4	4	0	0.28	0.38	0.1	-0.24	-0.21	0	0	0	0	0	0
2/11/2024 9:06	66202 SISP_T2	0	0	0	0	0	0	-0.82	-0.83	0	0	0	0	0	0
2/11/2024 9:06	55102 WERT_T2	0	0	0	0	0	0	-1.04	-1.04	0	0	0	0	0	0
2/11/2024 9:07	60801 BUCK_T1	0	1	1	0	0	0	-0.88	-0.87	0	0	0	0	0	0
2/11/2024 9:07	43402 BENT_T1	0	0	0	0	0	0	-0.93	-0.91	0	0	0	0	0	0
2/11/2024 9:07	24105 EHAZ_T1	4	5	1	6.13	6.23	0.1	-0.74	-0.74	0	0	0	0	0	0
2/11/2024 9:07	43001 ALWD_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/11/2024 9:07	47101 MARL_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/11/2024 9:07	60701 BWIC_T1	0	1	1	0	0	0	-0.59	-0.61	0	0	0	0	0	0
2/11/2024 9:08	41903 REED_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/11/2024 9:08	40501 CRES_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/11/2024 9:09	40501 CRES_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/11/2024 9:10	43402 BENT_T1	0	0	0	0	0	0	-0.91	-0.91	0	0	0	0	0	0
2/11/2024 9:11	49804 UNIV_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/11/2024 9:11	41802 GOCI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/11/2024 9:14	13503 MCMI_T2	0	5	5	0	0.12	0.12	-0.76	-0.79	0	0	0	0	0	0
2/11/2024 9:23	59102 WALK_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/11/2024 9:24	59101 WALK_T2	0	2	2	0	0	0	1.52	1.43	0	0	0	0	0	0
2/11/2024 9:25	29401 BELT_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/11/2024 9:27	40501 CRES_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/11/2024 9:27	46201 DANV_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/11/2024 9:28	40101 HUNT_T2	0	1	1	0	0	0	-0.54	-0.55	0	0	0	0	0	0
2/11/2024 9:29	46801 HEPB_T2	8	8	0	0.24	0.24	0	0.63	0.65	0	0	0	0	0	0
2/11/2024 9:30	46801 HEPB_T2	8	3	-5	0.23	0.43	0.2	0.63	0.65	0	0	0	0	0	0
2/11/2024 9:31	40101 HUNT_T2	1	0	-1	0.2	0	-0.2	-0.54	-0.55	0	0	0	0	0	0
2/11/2024 9:33	56501 ROCK_T2	2	2	0	2	0	-2	-0.42	-1.6	0	0	0	0	0	0
2/11/2024 9:36	56501 ROCK_T2	2	2	0	2	0	-2	-0.42	-1.6	0	0	0	0	0	0
2/11/2024 9:37	10801 CHHI_T1	1	0	-1	0.1	0	-0.1	-0.81	-0.79	0	0	0	0	0	0
2/11/2024 9:37	56803 BENV_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/11/2024 9:40	56801 BENV_T1	7	14	7	0.29	0.64	0.35	-1.38	-1.38	0	0	0	0	0	0
2/11/2024 9:41	56801 BENV_T1	7	14	7	0.29	0.64	0.35	-1.38	-1.38	0	0	0	0	0	0
2/11/2024 9:42	56803 BENV_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/11/2024 9:47	41903 REED_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/11/2024 9:48	55002 NEWP_T1	6	6	0	0.48	1.15	0.67	-0.48	-0.44	0	0	0	0	0	0
2/11/2024 9:50	55002 NEWP_T1	6	6	0	0.48	1.15	0.67	-0.24	-0.22	0	0	0	0	0	0
2/11/2024 9:50	67902 WNHO_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/11/2024 9:51	67503 WEWI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/11/2024 9:51	41902 REED_T1	0	0	0	0	0	0	0.95	0.99	0	0	0	0	0	0
2/11/2024 9:52	67401 WAKE_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/11/2024 9:52	43304 WATS_T2	0	0	0	0	0	0	-0.33	-0.3	0	0	0	0	0	0
2/11/2024 9:52	56802 BENV_T2	0	1	1	0	0.2	0.2	-1.42	-1.43	0	0	0	0	0	0
2/11/2024 9:53	45502 DERR_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/11/2024 9:54	56802 BENV_T2	0	1	1	0	0.2	0.2	-1.43	-1.37	0	0	0	0	0	0
2/11/2024 9:54	40502 CRES_T2	0	2	2	0	0.15	0.15	-0.36	-0.34	0	0	0	0	0	0
2/11/2024 9:55	56802 BENV_T2	0	1	1	0	0.2	0.2	-1.43	-1.37	0	0	0	0	0	0
2/11/2024 9:55	40502 CRES_T2	0	2	2	0	0.15	0.15	-1.81

2/11/2024 10:21	67503 WEWI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/11/2024 10:22	66505 SMAN_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/11/2024 10:22	67502 WEWI_T2	0	0	0	0	0	0	-1.46	-1.13	0	0	0	0	0	0
2/11/2024 10:22	67402 WAKE_T2	0	0	0	0	0	0	-0.42	-0.43	0	0	0	0	0	0
2/11/2024 10:23	10801 CHNI_T1	1	3	2	0.1	0	-0.1	-0.79	-0.75	0	0	0	0	0	0
2/11/2024 10:24	67502 WEWI_T2	0	0	0	0	0	0	-1.13	-1.41	0	0	0	0	0	0
2/11/2024 10:27	67401 WAKE_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/11/2024 10:28	10801 CHNI_T1	1	3	2	0.1	0	-0.1	-0.79	-0.75	0	0	0	0	0	0
2/11/2024 10:32	48303 ORWI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/11/2024 10:33	60603 NCOL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/11/2024 10:35	43303 WATS_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/11/2024 10:36	40901 JESH_T1	1	1	0	0.2	0.2	0	0	0	0	0	0	0	0	0
2/11/2024 10:36	24902 WHWA_T1	0	1	1	0	0	0	0.45	0.44	0	0	0	0	0	0
2/11/2024 10:37	60803 BUCK_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/11/2024 10:38	67402 WAKE_T2	0	0	0	0	0	0	-0.43	-0.43	0	0	0	0	0	0
2/11/2024 10:38	43303 WATS_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/11/2024 10:38	67503 WEWI_T2	0	0	0	0	0	0	-0.25	-0.24	0	0	0	0	0	0
2/11/2024 10:40	46206 DANV_T2	9	5	-4	0.27	0.2	-0.07	0	0	0	0	0	0	0	0
2/11/2024 10:41	29402 BELT_T1	1	1	0	9.1	9.1	0	0	0	0	0	0	0	0	0
2/11/2024 10:43	67402 WAKE_T2	0	0	0	0	0	0	-0.43	-0.43	0	0	0	0	0	0
2/11/2024 10:44	64201 KINZ_T1	0	1	1	0	0.6	0.6	0	0	0	0	0	0	0	0
2/11/2024 10:47	52502 PROG_T2	0	0	0	0	0	0	-0.57	-0.57	0	0	0	0	0	0
2/11/2024 10:48	65904 SAKR_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/11/2024 10:48	44902 SCOT_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/11/2024 10:49	44902 SCOT_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/11/2024 10:49	14403 SSLA_T1	0	1	1	0	0	0	0.83	0.83	0	0	0	0	0	0
2/11/2024 10:49	65903 SAKR_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/11/2024 10:50	40602 PIGR_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/11/2024 10:53	67402 WAKE_T2	0	0	0	0	0	0	-0.43	-0.44	0	0	0	0	0	0
2/11/2024 10:53	59202 THOM_T1	15	5	-10	0.16	0.14	-0.02	0	0	0	0	0	0	0	0
2/11/2024 10:54	66701 STRA_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/11/2024 10:54	43301 WATS_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/11/2024 10:54	56803 BENV_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/11/2024 10:55	60201 ATGL_T2	0	0	0	0	0	0	0.27	0.25	0	0	0	0	0	0
2/11/2024 10:56	56803 BENV_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/11/2024 10:56	61802 EELI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/11/2024 10:59	67401 WAKE_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/11/2024 11:03	52504 PROG_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/11/2024 11:03	44601 SALE_T2	0	0	0	0	0	0	-0.19	-0.2	0	0	0	0	0	0
2/11/2024 11:04	56503 ROCK_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/11/2024 11:04	64101 REFR_T1	0	0	0	0	0	0	-0.08	-0.07	0	0	0	0	0	0
2/11/2024 11:07	43001 ALWD_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/11/2024 11:09	67401 WAKE_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/11/2024 11:10	51107 CARL_T1	0	0	0	0	0	0	-0.56	-0.63	0	0	0	0	0	0
2/11/2024 11:10	55101 WERT_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/11/2024 11:11	46002 BERW_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/11/2024 11:14	67402 WAKE_T2	0	0	0	0	0	0	-0.44	-0.43	0	0	0	0	0	0
2/11/2024 11:15	46803 HEPB_T2	2	2	0	0.1	0.1	0	0	0	0	0	0	0	0	0
2/11/2024 11:15	47001 HUGH_T2	0	0	0	0	0	0	-1.42	-1.48	0	0	0	0	0	0
2/11/2024 11:15	40101 HUNT_T2	2	5	3	0.4	0	-0.4	-0.6	-0.6	0	0	0	0	0	0
2/11/2024 11:16	40101 HUNT_T2	2	5	3	0.4	0	-0.4	-0.6	-0.6	0	0	0	0	0	0
2/11/2024 11:19	59402 RFLD_T2	0	0	0	0	0	0	-0.81	-0.81	0	0	0	0	0	0
2/11/2024 11:20	67402 WAKE_T2	0	0	0	0	0	0	-0.44	-0.43	0	0	0	0	0	0
2/11/2024 11:20	60603 NCOL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/11/2024 11:21	64101 REFR_T1	0	0	0	0	0	0	-0.07	-0.09	0	0	0	0	0	0
2/11/2024 11:21	43304 WATS_T2	0	3	3	0	0	0	-0.3	-0.28	0	0	0	0	0	0
2/11/2024 11:24	46206 DANV_T2	0	0	0	0	0	0	4.76	5.06	0	0	0	0	0	0
2/11/2024 11:24	60101 COCA_T1	0	0	0	0	0	0	0.27	0.27	0	0	0	0	0	0
2/11/2024 11:25	61303 EARL_T1	0	0	0	0	0	0	-0.13	-0.12	0	0	0	0	0	0
2/11/2024 11:25	67401 WAKE_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/11/2024 11:26	40501 CRES_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/11/2024 11:27	60101 COCA_T1	0	0	0	0	0	0	0.27	0.27	0	0	0	0	0	0
2/11/2024 11:27	61301 EARL_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/11/2024 11:28	45704 LIND_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/11/2024 11:30	16402 MOPO_T1	0	0	0	0	0	0	-0.14	-0.14	0	0	0	0	0	0
2/11/2024 11:31	59302 MCAL_T1	0	1	1	0	0.3	0.3	-0.48	-0.45	0	0	0	0	0	0
2/11/2024 11:31	60603 NCOL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/11/2024 11:31	40501 CRES_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/11/2024 11:32	40603 PIGR_T1	0	0	0	0	0	0	0.31	0.3	0	0	0	0	0	0
2/11/2024 11:33	60602 NCOL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/11/2024 11:34	64101 REFR_T1	0	0	0	0	0	0	-0.09	-0.08	0	0	0	0	0	0
2/11/2024 11:35	67402 WAKE_T2	0	0	0	0	0	0	-0.43	-0.45	0	0	0	0	0	0
2/11/2024 11:35	59102 WALK_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/11/2024 11:35	59402 RFLD_T2	0	0	0	0	0	0	-0.81	-0.83	0	0	0	0	0	0
2/11/2024 11:36	44301 BEAV_T2	2	3	1	0.45	0.57	0.12	0	0	0	0	0	0	0	0
2/11/2024 11:37	60201 ATGL_T2	0	0	0	0	0	0	0.26	0.25	0	0	0	0	0	0
2/11/2024 11:37	67402 WAKE_T2	0	0	0	0	0	0	-0.43	-0.45	0	0	0	0	0	0
2/11/2024 11:37	59101 WALK_T2	0	1	1	0	0	0	1.44	1.42	0	0	0	0	0	0
2/11/2024 11:38	14402 SSLA_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/11/2024 11:38	59101 WALK_T2	0	1	1	0	0	0	1.42	1.5	0	0	0	0	0	0
2/11/2024 11:39	59101 WALK_T2	0	1	1	0	0	0	1.42	1.5	0	0	0	0	0	0
2/11/2024 11:40	24901 WHWA_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/11/2024 11:40	61305 EARL_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/11/2024 11:41	17802 GILB_T1	0	0	0	0	0	0	0.14	0.12	0	0	0	0	0	0
2/11/2024 11:41	67402 WAKE_T2	0	0	0	0	0	0	-0.45	-0.45	0	0	0	0	0	0
2/11/2024 11:43	40101 HUNT_T2	5	0	-5	0.32	0	-0.32	-1.14	-1.18	0	0	0	0	0	0
2/11/2024 11:43	61301 EARL_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/11/2024 11:44	45702 LIND_T2	0	0	0	0	0	0	-0.5	-0.51	0	0	0	0	0	0
2/11/2024 11:45	17801 GILB_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/11/2024 11:45	40101 HUNT_T2	0	0	0	0	0	0	-0.57	-0.59	0	0	0	0	0	0
2/11/2024 11:45	59102 WALK_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/11/2024 11:46	17804 GILB_T2	0	0	0	0	0	0	-0.51	-0.52	0	0	0	0	0	0
2/11/2024 11:46	16402 MOPO_T1	0	0	0	0	0	0	-0.14	-0.12	0	0	0	0	0	0
2/11/2024 11:46	46803 HEPB_T2	3	3	0	0.2	0.3	0.1	0.64	0.67	0	0	0	0	0	0
2/11/2024 11:47	65502 MOJO_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/11/2024 11:47	46803 HEPB_T2	2	2	0	0.1	0.2	0.1	0	0	0	0	0	0	0	0
2/11/2024 11:49	14402 SSLA_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/11/2024 11:49	13302 ORWI_T2	0	0	0	0	0	0	-0.36	-0.32	0	0	0	0	0	0
2/11/2024 11:50	56501 ROCK_T2	1	1	0	0.7	0	-0.7	-1.55	-1.53	0	0	0	0	0	0
2/11/2024 11:50	40101 HUNT_T2	0	0	0	0	0	0	-0.57	-0.59	0	0	0	0	0	0
2/11/2024 11:51	67402 WAKE_T2	0	0	0	0	0	0	-0.45	-0.45	0	0	0	0	0	0
2/11/2024 11:51	44903 SCOT_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/11/2024 11:51	56503 ROCK_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/11/2024 11:52	44902 SCOT_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/11/2024 11:52	67402 WAKE_T2	0	0	0	0	0	0	-0.45	-0.45	0	0	0	0	0	0
2/11/2024 11:53	60201 ATGL_T2	0	0	0	0	0	0	0.21	0.26	0	0	0	0	0	0
2/11/2024 11:53	56503 ROCK_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/11/2024 11:54	61703 ELIZ_T1	3	7	4	0.1	0.11	0.01	-4.35	-3.84	0	0	0	0	0	0
2/11/2024 11:55	17801 GILB_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/11/2024 11:56	17805 GILB_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/11/2024 11:57	17801 GILB_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/11/2024 11:58	61703 ELIZ_T1	3	7	4	0.1	0.11	0.01	-2.17	-1.92	0	0	0	0	0	0
2/11/2024 11:58	67402 WAKE_T2	0	0	0	0	0	0	-0.45	-0.43	0	0	0	0	0	0
2/11/2024 11:58	40101 HUNT_T2	0	0	0	0	0	0	-1.18	-1.14	0	0	0	0	0	0
2/11/2024 11:59	26402 INOR_T1	2	0	-2	0.1	0	-0.1	0	0	0	0	0	0	0	0
2/11/2024 12:00	40101 HUNT_T2	0	2	2	0	0	0	-0.59	-0.57	0	0	0	0	0	0
2/11/2024 12:04	40602 PIGR_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/11/2024 12:05	14404 SSLA_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/11/2024 12:05	40101 HUNT_T2	0	2	2	0	0	0	-0.59	-0.57	0	0	0	0	0	0
2/11/2024 12:06	24902 WHWA_T1	2	1	-1	0.2	0	-0.2	0.44	0.43	0	0	0	0	0	0
2/11/2024 12:08	60201 ATGL_T2	0	0	0	0	0	0	0.26	0.26	0	0	0	0	0	0
2/11/2024 12:11	17802 GILB_T1	0	0	0	0	0	0	0.11	0.12	0	0	0	0	0	0
2/11/2024 12:12	17803 GILB_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/11/2024 12:12	44901 SCOT_T2	0	0	0	0	0	0	-0.59	-0.6	0	0	0	0	0	0
2/11/2024 12:13	17801 GILB_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/11/2024 12:14	40101 HUNT_T2	0	2	2	0	0	0	-1.14	-1.18	0	0	0	0	0	0
2/11/2024 12:15	40101 HUNT_T2	0	13	13	0	0.3	0.3	-0.57	-0.59	0	0	0	0	0	0
2/11/2024 12:16	40101 HUNT_T2	0	13	13	0	0.3	0.3	-0.57	-0.59	0	0	0	0	0	0
2/11/2024 12:17	59402 RFLD_T2	0	0	0	0	0	0	-0.83	-0.83	0	0	0	0	0	0
2/11/2024 12:21	59102 WALK_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/11/2024 12:22	44903 SCOT_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/11/2024 12:22	59101 WALK_T2	0	0	0	0	0	0	1.41	1.42	0	0	0	0	0	0
2/11/2024 12:24	44902 SCOT_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/11/2024 12:24	46004 BERW_T2	0	0	0	0	0	0	-0.76	-0.79	0	0	0	0	0	0
2/11/2024 12:24	59101 WALK_T2	0	0	0	0	0	0	1.42	1.43	0	0	0	0	0	0
2/11/2024 12:25	23901 EFMO_T2	0	0	0	0	0	0	0.07	0.07	0	0	0	0	0	0
2/11/2024 12:26	59101 WALK_T2	0	0	0	0	0	0	1.42	1.43	0	0	0	0	0	0
2/11/2024 12:27	24103 EHAZ_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/11/2024 12:28	59302 MCAL_T1	1	1	0	0.1	0.2	0.1	-0.47	-0.47	0	0	0	0	0	0
2/11/2024 12:28	44901 SCOT_T2	0	0	0	0	0	0	-0.6	-0.61	0	0	0	0	0	0
2/11/2024 12:32	24102 EHAZ_T1	1	7	6	0.1	0.6	0.5	0	0	0	0	0	0	0	0
2/11/2024 12:34	65503 MOJO_T2	0	17	17	0	0.29	0.29	-1.51	-1.59	0	0	0	0	0	0
2/11/2024 12:37	67401 WAKE_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/11/2024 12:44	46801 HEPB_T2	3	3	0	0.33	0.13	-0.2	1.34	1.34	0	0	0	0	0	0
2/11/2024 12:45	46803 HEPB_T2	2	3	1	0.15	0.17	0.02	0	0	0	0	0	0	0	0
2/11/2024 12:48	61204 MGTN_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/11/2024 13:05	46702 RENO_T1	27	47	20	0.13	0.2	0.07	-0.14	-0.13	0	0	0	0	0	0
2/11/2024 13:34	42903 MIDD_T2	62	90	28	0.35	0.37	0.02	-0.37	-0.36	0	0	0	0	0	0
2/11/2024 13:43	40101 HUNT_T2	8	6	-2	0.46	0	-0.46	-0.6	-0.59	0	0	0	0	0	0
2/11/2024 13:47	46803 HEPB_T2	3	5	2	0.23	0.22	-0.01	0	0	0	0	0	0	0	0
2/11/2024 13:48	46801 HEPB_T2	7	16	9	0.26	0.21	-0.05	0.64	0.64	0	0	0	0	0	0
2/11/2024 13:52	59402 RFLD_T2	0	0	0	0	0	0	-0.83	-0.84	0	0	0	0	0	0
2/11/2024 13:53	44302 BEAV_T2	234	260	26	0.44	0.47	0.03	0.26	0.24	0	0	0	0	0	0
2/11/2024 13:56	24105 EHAZ_T1	4	4	0	5.43	5.43	0	-2.01	-2.01	0	0	0	0	0	0
2/11/2024 13:59	54504 ENOL_T2	0	0	0	0	0	0	-0.99	-1.05	0	0	0	0	0	0
2/11/2024 14:00	59101 WALK_T2	0	0	0	0	0	0	1.32	1.25	0	0	0	0	0	0
2/11/2024 14:01	54204 PENN_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/11/2024 14:01	24104 EHAZ_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/11/2024 14:02	46701 RENO_T1	140	177	37	0.37	0.4	0.03	0	0	0	0	0	0	0	0
2/11/2024 14:04	49804 UNIV_T1	0	1	1	0	0	0	0	0	0	0	0	0	0	0
2/11/2024 14:06	43001 ALWD_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/11/2024 14:07	44904 SCOT_T1	0	0	0	0	0	0	-0.1	-0.16	0	0	0	0	0	0
2/11/2024 14:07	67401 WAKE_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/11/2024 14:08	41602 CLEV_T1	1	0	-1	0.8	0	-0.8	0	0	0	0	0	0	0	0
2/11/2024 14:08	67401 WAKE_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/11/2024 14:09	46004 BERW_T2	0	0	0	0	0	0	-0.8	-0.8	0	0	0	0	0	0
2/11/2024 14:10	55104 WERT_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/11/2024 14:11	59101 WALK_T2	0	0	0	0	0	0	2.51	2.56	0	0	0	0	0	0
2/11/2024 14:12	24105 EHAZ_T1	4	4	0	5.45	5.43	-0.02	-2.01	-1.99	0	0	0	0	0	0
2/11/2024 14:12	60801 BUCK_T1	0	0	0	0	0	0	-0.87	-0.85	0	0	0	0	0	0
2/11/2024 14:13	67401 WAKE_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/11/2024 14:13	46803 HEPB_T2	5	4	-1	0.22	0.2	-0.02	0	0	0	0	0	0	0	0
2/11/2024 14:14	46801 HEPB_T2	14	15	1	0.21	0.19	-0.02	0.64	0.64	0	0	0	0	0	0
2/11/2024 14:15	59101 WALK_T2	0	0	0	0	0	0	1.25	1.28	0	0	0	0	0	0
2/11/2024 14:15	13503 MCMI_T2	46	20	-26	0.26	0.15	-0.11	-0.81	-0.81	0	0	0	0	0	0
2/11/2024 14:15	40101 HUNT_T2	3	2	-1	0.13	0.1	-0.03	-0.57	-0.6	0	0	0	0	0	0
2/11/2024 14:16	40101 HUNT_T2	3	2	-1	0.13	0.1	-0.03	-0.57	-0.6	0	0	0	0	0	0
2/11/2024 14:17	24104 EHAZ_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/11/2024 14:18	46702 RENO_T1	57	141	84	0.17	0.3	0.13	-0.14	-0.14	0	0	0	0	0	0
2/11/2024 14:18	13503 MCMI_T2	46	20	-26	0.26	0.15	-0.11	-0.81	-0.81	0	0	0	0	0	0
2/11/2024 14:19	56501 ROCK_T2	1	1	0	0.5	0	-0.5	-1.58	-1.58	0	0	0	0	0	0
2/11/2024 14:19	65503 MOJO_T2	16	13	-3	0.26	0.3	0.04	-1.65	-1.62	0	0	0	0	0	0
2/11/2024 14:20	40

2/11/2024 14:35	63804 HEMP_T1	1	1	0	6.2	6.2	0	0	0	0	0	0	0	0
2/11/2024 14:35	49803 UNIV_T1	0	0	0	0	0	0	-1.09	-1.11	0	0	0	0	0
2/11/2024 14:36	64101 REFR_T1	0	0	0	0	0	0	-0.11	-0.09	0	0	0	0	0
2/11/2024 14:36	40601 PIGR_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
2/11/2024 14:36	29402 BELT_T1	1	1	0	8.9	9.3	0.4	0	0	0	0	0	0	0
2/11/2024 14:37	56501 ROCK_T2	1	0	-1	0.1	0	-0.1	-1.58	-1.57	0	0	0	0	0
2/11/2024 14:37	67401 WAKE_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
2/11/2024 14:37	43001 ALWD_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
2/11/2024 14:38	56504 ROCK_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
2/11/2024 14:39	67401 WAKE_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
2/11/2024 14:39	60803 BUCK_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
2/11/2024 14:40	29402 BELT_T1	1	1	0	8.9	9.3	0.4	0	0	0	0	0	0	0
2/11/2024 14:41	60803 BUCK_T1	0	0	0	0	0	0	-1.06	-1.09	0	0	0	0	0
2/11/2024 14:41	60201 ATGL_T2	0	0	0	0	0	0	0.17	0.2	0	0	0	0	0
2/11/2024 14:42	59101 WALK_T2	0	0	0	0	0	0	1.32	1.05	0	0	0	0	0
2/11/2024 14:43	24103 EHAZ_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
2/11/2024 14:43	59102 WALK_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
2/11/2024 14:43	40101 HUNT_T2	2	1	-1	0.1	0	-0.1	-0.6	-0.6	0	0	0	0	0
2/11/2024 14:44	67402 WAKE_T2	0	0	0	0	0	0	-0.43	-0.44	0	0	0	0	0
2/11/2024 14:44	59102 WALK_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
2/11/2024 14:45	29401 BELT_T1	2	2	0	0.1	0.1	0	0	0	0	0	0	0	0
2/11/2024 14:45	46803 HEPB_T2	3	7	4	0.23	0.2	-0.03	0	0	0	0	0	0	0
2/11/2024 14:45	13503 MCMI_T2	3	5	2	0.1	0.12	0.02	-0.81	-0.83	0	0	0	0	0
2/11/2024 14:46	59101 WALK_T2	0	0	0	0	0	0	1.32	1.05	0	0	0	0	0
2/11/2024 14:46	40101 HUNT_T2	1	0	-1	0.2	0	-0.2	-0.6	-0.6	0	0	0	0	0
2/11/2024 14:48	24104 EHAZ_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
2/11/2024 14:48	40101 HUNT_T2	1	0	-1	0.2	0	-0.2	-0.6	-0.6	0	0	0	0	0
2/11/2024 14:48	46101 MACI_T2	0	0	0	0	0	0	-0.67	-0.68	0	0	0	0	0
2/11/2024 14:48	63201 MGTN_T2	0	0	0	0	0	0	0.02	0.05	0	0	0	0	0
2/11/2024 14:49	59402 RFLD_T2	0	0	0	0	0	0	-0.83	-0.84	0	0	0	0	0
2/11/2024 14:49	13503 MCMI_T2	3	5	2	0.1	0.12	0.02	-0.81	-0.83	0	0	0	0	0
2/11/2024 14:49	44901 SCOT_T2	0	0	0	0	0	0	-0.6	-0.61	0	0	0	0	0
2/11/2024 14:50	16401 MOPO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
2/11/2024 14:51	44901 SCOT_T2	0	0	0	0	0	0	-0.6	-0.61	0	0	0	0	0
2/11/2024 14:52	15001 BLMO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
2/11/2024 14:52	40602 PIGR_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
2/11/2024 14:52	58003 WCAR_T1	1	1	0	0.8	0.9	0.1	0.51	0.56	0	0	0	0	0
2/11/2024 14:52	59402 RFLD_T2	0	0	0	0	0	0	-1.66	-1.68	0	0	0	0	0
2/11/2024 14:55	58001 WCAR_T1	3	3	0	0.5	0.3	-0.2	0	0	0	0	0	0	0
2/11/2024 14:57	15001 BLMO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
2/11/2024 15:00	13503 MCMI_T2	0	5	5	0	0.12	0.12	-0.83	-0.83	0	0	0	0	0
2/11/2024 15:05	57403 SPAN_T1	0	0	0	0	0	0	0.07	0.06	0	0	0	0	0
2/11/2024 15:05	67401 WAKE_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
2/11/2024 15:06	56501 ROCK_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
2/11/2024 15:07	57401 SPAN_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
2/11/2024 15:09	24103 EHAZ_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
2/11/2024 15:11	67402 WAKE_T2	0	0	0	0	0	0	-0.46	-0.46	0	0	0	0	0
2/11/2024 15:13	59102 WALK_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
2/11/2024 15:14	59101 WALK_T2	0	0	0	0	0	0	0.83	0.88	0	0	0	0	0
2/11/2024 15:15	24102 EHAZ_T1	0	1	1	0	0	0	0	0	0	0	0	0	0
2/11/2024 15:17	60602 NCOL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
2/11/2024 15:21	67402 WAKE_T2	0	0	0	0	0	0	-0.46	-0.46	0	0	0	0	0
2/11/2024 15:22	56504 ROCK_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
2/11/2024 15:23	56501 ROCK_T2	0	0	0	0	0	0	-1.6	-1.59	0	0	0	0	0
2/11/2024 15:24	56504 ROCK_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
2/11/2024 15:26	67402 WAKE_T2	0	0	0	0	0	0	-0.46	-0.45	0	0	0	0	0
2/11/2024 15:37	67401 WAKE_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
2/11/2024 15:42	26402 INOR_T1	7	7	0	0.2	0.19	-0.01	0	0	0	0	0	0	0
2/11/2024 15:42	67402 WAKE_T2	0	0	0	0	0	0	-0.45	-0.44	0	0	0	0	0
2/11/2024 15:44	59102 WALK_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
2/11/2024 15:46	59102 WALK_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
2/11/2024 15:49	52502 PROG_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
2/11/2024 15:53	67402 WAKE_T2	0	0	0	0	0	0	-0.44	-0.45	0	0	0	0	0
2/11/2024 15:54	66504 SMAN_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
2/11/2024 15:56	59101 WALK_T2	0	0	0	0	0	0	1.37	1.45	0	0	0	0	0
2/11/2024 15:58	17803 GILB_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
2/11/2024 15:58	67402 WAKE_T2	0	0	0	0	0	0	-0.44	-0.45	0	0	0	0	0
2/11/2024 15:59	13503 MCMI_T2	1	2	1	0.1	0.1	0	-0.83	-0.8	0	0	0	0	0
2/11/2024 16:00	59102 WALK_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
2/11/2024 16:00	40101 HUNT_T2	0	3	3	0	0	0	-0.57	-0.54	0	0	0	0	0
2/11/2024 16:08	67401 WAKE_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
2/11/2024 16:11	56802 BENV_T2	0	1	1	0	0.1	0.1	-2.8	-2.84	0	0	0	0	0
2/11/2024 16:12	56802 BENV_T2	0	1	1	0	0.1	0.1	-1.4	-1.42	0	0	0	0	0
2/11/2024 16:14	47001 HUGH_T2	0	0	0	0	0	0	-1.44	-1.5	0	0	0	0	0
2/11/2024 16:14	67401 WAKE_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
2/11/2024 16:19	56503 ROCK_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
2/11/2024 16:20	56504 ROCK_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
2/11/2024 16:21	56503 ROCK_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
2/11/2024 16:23	56803 BENV_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
2/11/2024 16:24	56801 BENV_T1	19	15	-4	0.43	0.37	-0.06	-0.66	-0.7	0	0	0	0	0
2/11/2024 16:26	56801 BENV_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
2/11/2024 16:27	56801 BENV_T1	19	15	-4	0.43	0.37	-0.06	-0.66	-0.7	0	0	0	0	0
2/11/2024 16:40	67401 WAKE_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
2/11/2024 16:45	67402 WAKE_T2	0	0	0	0	0	0	-0.43	-0.42	0	0	0	0	0
2/11/2024 16:51	40101 HUNT_T2	2	16	14	0.45	0.4	-0.05	-0.52	-0.57	0	0	0	0	0
2/11/2024 16:56	67402 WAKE_T2	0	0	0	0	0	0	-0.42	-0.43	0	0	0	0	0
2/11/2024 17:06	67401 WAKE_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
2/11/2024 17:11	67402 WAKE_T2	0	0	0	0	0	0	-0.43	-0.41	0	0	0	0	0
2/11/2024 18:46	64605 LEOL_T1	0	0	0	0	0	0	-0.28	-0.37	0	0	0	0	0
2/11/2024 19:01	59402 RFLD_T2	0	0	0	0	0	0	-0.83	-0.82	0	0	0	0	0
2/11/2024 19:11	66201 SISP_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
2/11/2024 19:22	64201 KINZ_T1	1	1	0	0.7	1.1	0.4	0	0	0	0	0	0	0
2/11/2024 19:23	64605 LEOL_T1	0	0	0	0	0	0	-0.16	-0.14	0	0	0	0	0
2/11/2024 19:24	29401 BELT_T1	14	42	28	0.16	0.18	0.02	0	0	0	0	0	0	0
2/11/2024 19:27	40501 CRES_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
2/11/2024 19:27	57401 SPAN_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
2/11/2024 19:28	26402 INOR_T1	1	4	3	0.1	0.13	0.03	0	0	0	0	0	0	0
2/11/2024 19:28	52501 PROG_T1	0	0	0	0	0	0	0.18	0.19	0	0	0	0	0
2/11/2024 19:28	44902 SCOT_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
2/11/2024 19:28	13503 MCMI_T2	0	10	10	0	0.13	0.13	-0.82	-0.82	0	0	0	0	0
2/11/2024 19:28	40101 HUNT_T2	0	0	0	0	0	0	-0.58	-0.63	0	0	0	0	0
2/11/2024 19:29	56504 ROCK_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
2/11/2024 19:29	52502 PROG_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
2/11/2024 19:29	65903 SAKR_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
2/11/2024 19:29	27503 WEIS_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
2/11/2024 19:30	60801 BUCK_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
2/11/2024 19:30	60602 NCOL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
2/11/2024 19:30	56802 BENV_T2	1	1	0	0.1	0.1	0	-1.43	-1.41	0	0	0	0	0
2/11/2024 19:30	40603 PIGR_T1	0	0	0	0	0	0	0.34	0.31	0	0	0	0	0
2/11/2024 19:30	29402 BELT_T1	1	1	0	9.1	9.3	0.2	0	0	0	0	0	0	0
2/11/2024 19:30	57403 SPAN_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
2/11/2024 19:31	64101 REFR_T1	0	0	0	0	0	0	-0.09	-0.07	0	0	0	0	0
2/11/2024 19:31	41802 GOCI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
2/11/2024 19:31	52503 PROG_T2	0	0	0	0	0	0	-0.64	-0.62	0	0	0	0	0
2/11/2024 19:31	67503 WEWI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
2/11/2024 19:31	59102 WALK_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
2/11/2024 19:31	10801 CHHI_T1	0	1	1	0	0.1	0.1	-1.44	-1.45	0	0	0	0	0
2/11/2024 19:31	56802 BENV_T2	1	1	0	0.1	0.1	0	-1.43	-1.41	0	0	0	0	0
2/11/2024 19:32	60801 BUCK_T1	0	0	0	0	0	0	-0.87	-0.89	0	0	0	0	0
2/11/2024 19:32	63203 MGTN_T1	0	0	0	0	0	0	0.41	0.42	0	0	0	0	0
2/11/2024 19:32	40502 CRES_T2	0	8	8	0	0.14	0.14	-0.31	-0.37	0	0	0	0	0
2/11/2024 19:32	56801 BENV_T1	23	22	-1	1.03	1.18	0.15	-0.72	-0.72	0	0	0	0	0
2/11/2024 19:32	55002 NEWP_T1	3	5	2	0.3	0.3	0	-0.25	-0.24	0	0	0	0	0
2/11/2024 19:32	57403 SPAN_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
2/11/2024 19:32	48303 ORWI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
2/11/2024 19:32	59201 THOM_T1	2	3	1	0.2	0.13	-0.07	0	0	0	0	0	0	0
2/11/2024 19:32	40101 HUNT_T2	0	0	0	0	0	0	-0.58	-0.63	0	0	0	0	0
2/11/2024 19:33	56503 ROCK_T2	0	1	1	0	0	0	0	0	0	0	0	0	0
2/11/2024 19:33	46203 DANV_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
2/11/2024 19:33	67502 WEWI_T2	0	0	0	0	0	0	-1.48	-1.48	0	0	0	0	0
2/11/2024 19:33	16406 MOPO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
2/11/2024 19:33	40502 CRES_T2	0	8	8	0	0.14	0.14	-0.31	-0.37	0	0	0	0	0
2/11/2024 19:33	13503 MCMI_T2	10	17	7	0.13	0.22	0.09	-0.82	-0.82	0	0	0	0	0
2/11/2024 19:33	40601 PIGR_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
2/11/2024 19:33	66505 SMAN_T2	3	3	0	0.67	0.93	0.26	0	0	0	0	0	0	0
2/11/2024 19:33	44601 SALE_T2	0	0	0	0	0	0	-0.23	-0.24	0	0	0	0	0
2/11/2024 19:33	60101 COCA_T1	0	0	0	0	0	0	0.23	0.18	0	0	0	0	0
2/11/2024 19:33	44905 SCOT_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
2/11/2024 19:34	65503 MOJO_T2	10	12	2	0.19	0.18	-0.01	-1.63	-1.73	0	0	0	0	0
2/11/2024 19:34	60102 COCA_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
2/11/2024 19:34	41601 CLEV_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
2/11/2024 19:34	52503 PROG_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
2/11/2024 19:34	64101 REFR_T1	0	0	0	0	0	0	-0.09	-0.07	0	0	0	0	0
2/11/2024 19:34	57303 MOAI_T2	1	1	0	7.3	7.1	-0.2	0	0	0	0	0	0	0
2/11/2024 19:34	47001 HUGH_T2	0	0	0	0	0	0	-0.72	-0.75	0	0	0	0	0
2/11/2024 19:34	57401 SPAN_T1	0	0	0	0	0	0	-1.74	-1.72	0	0	0	0	0
2/11/2024 19:34	44902 SCOT_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
2/11/2024 19:34	46101 MACI_T2	0	0	0	0	0	0	-0.68	-0.68	0	0	0	0	0
2/11/2024 19:35	67502 WEWI_T2	0	0	0	0	0	0	-1.48	-1.48	0	0	0	0	0
2/11/2024 19:35	56802 BENV_T2	1	1	0	0.1	0.1	0	-1.43	-1.41	0	0	0	0	0
2/11/2024 19:35	40502 CRES_T2	0	8	8	0	0.14	0.14	-0.62	-0.74	0	0	0	0	0
2/11/2024 19:35	49804 UNIV_T1	0	2	2	0	0.15	0.15	0	0	0	0	0	0	0
2/11/2024 19:35	60803 BUCK_T1	0	0	0	0	0	0	-0.53	-0.56	0	0	0	0	0
2/11/2024 19:35	60201 ATGL_T2	0	0	0	0	0	0	-0.19	-0.08	0	0	0	0	0
2/11/2024 19:35	56803 BENV_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
2/11/2024 19:35	67502 WEWI_T2	0	0	0	0	0	0	-1.48	-1.48	0	0	0	0	0
2/11/2024 19:35	15001 BLMO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
2/11/2024 19:35	64101 REFR_T1	0	0	0	0	0	0	-0.09	-0.07	0	0	0	0	0
2/11/2024 19:36	29402 BELT_T1	1	1	0	9.1	9.3	0.2	0	0	0	0	0	0	0
2/11/2024 19:36	66504 SMAN_T2	0	0	0	0	0	0	-0.47	-0.51	0	0	0	0	0
2/11/2024 19:36	56504 ROCK_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
2/11/2024 19:36	52503 PROG_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
2/11/2024 19:36	46206 DANV_T2	2	4	2	0.15	0.18	0.03	0	0	0	0	0	0	0
2/11/2024 19:36	14403 SSLA_T1	0	0	0	0	0	0	0.66	0.61	0	0	0	0	0
2/11/2024 19:36	55102 WERT_T2	0	0	0	0	0	0	-1.02	-1.03	0	0	0	0	0
2/11/2024 19:36	59101 WALK_T2	0	0	0	0	0	0	0.91	0.91	0	0	0	0	0
2/11/2024 19:36	56801 BENV_T1	23	22	-1	1.03	1.18	0.15	-0.72	-0.72	0	0	0	0	0
2/11/2024 19:36	40501 CRES_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
2/11/2024 19:36	55001 NEWP_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
2/11/2024 19:36	56802 BENV_T2	1	1	0	0.1	0.1	0	-1.43	-1.41	0	0	0	0	0
2/11/2024 19:37	67402 WAKE_T2	0	0	0	0	0	0	-0.46	-0.46	0	0	0	0	0
2/11/2024 19:37	40101 HUNT_T2	0	0	0	0	0	0	-1.16	-1.26	0	0	0	0	0
2/11/2024 19:37	56802 BENV_T2	1	1	0	0.1	0.1	0	-2.87	-2.82	0	0	0	0	0
2/11/2024 19:37	24902 WHHA_T1	0	0	0	0	0	0	0.46	0.44	0	0	0	0	0
2/11/2024 19:38	40501 CRES_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
2/11/2024 19:38	51104 CARL_T1	1	1	0	0	0	0	0	0	0	0	0	0	0
2/11/2024 19:38	61306 EARL_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
2/11/2024 19:38	17803 GILB_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
2/11/2024 19:38	63201 MGTN_T2	0	0	0	0	0	0	0.15	0.13	0	0	0	0	0
2/11/2024 19:38	67502 WEWI_T2	0	0	0	0	0	0	-1.48	-1.52	0	0	0	0	0
2/11/2024 19:38	52503 PROG_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
2/11/2024 19:38	67502 WEWI_T2	0	0	0	0	0	0	-1.48	-1.52	0	0	0	0	0
2/11/2024 19:38	65901 SAKR_T2	1	1	0	8.4	8.2	-0.2	-1.43	-1.49	0	0	0	0	0
2/11/2024 19:39	56503 ROCK_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
2/11/2024 19:39	63804 HEMP_T1	1	1	0	5.2	5	-0.2	0	0	0	0	0	0	0
2/11/2024 19:39	40101 HUNT_T2	0	0	0	0	0	0	-0.63	-0.63	0	0	0	0	0
2/11/2024 19:39	59302 MCAL_T1	1	1	0	0.4	0.4	0	-0.51	-0.47	0	0	0	0	0
2/11/2024 19:39	44302 BEAV_T2	106	148	42	0.37	0.41	0.04	0.22	0.25	0	0	0	0	0
2/11/2024 19:39	45502 DERR_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
2/11/2024 19:39	40501 CRES_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
2/11/2024 19:39	53601 DALM_T2	1	1	0	0.1	0.1	0	-0.12	-0.18	0	0	0	0	0
2/11/2024 19:39	13503 MCMI_T2	10	17

2/11/2024 19:44	41902 REED_T1	3	0	-3	0.37	0	-0.37	0.85	0.83	0	0	0	0	0	0
2/11/2024 19:44	60603 NCOL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/11/2024 19:44	46202 DANV_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/11/2024 19:44	43301 WATS_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/11/2024 19:44	40501 CRES_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/11/2024 19:44	47001 HUGH_T2	0	0	0	0	0	0	-0.75	-0.71	0	0	0	0	0	0
2/11/2024 19:45	56501 ROCK_T2	9	112	103	0.17	0.2	0.03	0	0	0	0	0	0	0	0
2/11/2024 19:45	41903 REED_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/11/2024 19:45	66501 SMAN_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/11/2024 19:45	46803 HEPB_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/11/2024 19:45	43302 WATS_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/11/2024 19:45	40502 CRES_T2	4	8	4	0.15	0.14	-0.01	-0.37	-0.34	0	0	0	0	0	0
2/11/2024 19:45	40601 PIGR_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/11/2024 19:45	46702 RENO_T1	59	176	117	0.17	0.29	0.12	0	0	0	0	0	0	0	0
2/11/2024 19:45	43402 BENT_T1	0	0	0	0	0	0	-0.95	-0.93	0	0	0	0	0	0
2/11/2024 19:46	45703 LIND_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/11/2024 19:46	43302 WATS_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/11/2024 19:46	45501 DERR_T2	0	0	0	0	0	0	0.1	0.1	0	0	0	0	0	0
2/11/2024 19:46	59402 RFLD_T2	0	0	0	0	0	0	-0.83	-0.83	0	0	0	0	0	0
2/11/2024 19:46	61803 EEU_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/11/2024 19:47	42901 MIDD_T2	79	124	45	0.23	0.28	0.05	0	0	0	0	0	0	0	0
2/11/2024 19:47	43401 BENT_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/11/2024 19:47	43001 ALWD_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/11/2024 19:48	46203 DANV_T2	0	0	2	0	0	0	0	0	0	0	0	0	0	0
2/11/2024 19:48	67901 WNHO_T2	0	6	6	0	0.12	0.12	-0.63	-0.67	0	0	0	0	0	0
2/11/2024 19:48	41903 REED_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/11/2024 19:49	46803 HEPB_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/11/2024 19:49	40502 CRES_T2	4	8	4	0.15	0.14	-0.01	-0.37	-0.34	0	0	0	0	0	0
2/11/2024 19:49	43302 WATS_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/11/2024 19:49	40903 JESH_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/11/2024 19:49	66702 STRA_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/11/2024 19:49	46702 RENO_T1	59	176	117	0.17	0.29	0.12	-0.14	-0.13	0	0	0	0	0	0
2/11/2024 19:54	46701 RENO_T1	94	160	66	0.34	0.42	0.08	0	0	0	0	0	0	0	0
2/11/2024 20:06	46204 DANV_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/11/2024 21:07	29402 BELT_T1	9	35	26	1.23	0.44	-0.79	0	0	0	0	0	0	0	0
2/12/2024 7:54	45501 DERR_T2	0	0	0	0	0	0	0.91	0.88	0	0	0	0	0	0
2/12/2024 8:10	46201 DANV_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/12/2024 8:13	40101 HUNT_T2	471	356	-115	1.05	0.53	-0.52	-0.4	-0.39	0	0	0	0	0	0
2/12/2024 8:25	16302 ALPA_T2	0	0	0	0	0	0	-0.57	-0.63	0	0	0	0	0	0
2/12/2024 8:29	65502 MOJO_T2	91	223	132	0.11	0.17	0.06	-0.94	-1.26	0	0	0	0	0	0
2/12/2024 8:32	49804 UNIV_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/12/2024 8:57	53602 DALM_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/12/2024 8:59	13905 SEID_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/12/2024 9:00	65002 NEFF_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/12/2024 9:00	10801 CHHI_T1	0	0	0	0	0	0	-0.72	-0.74	0	0	0	0	0	0
2/12/2024 9:00	53903 HALI_T2	2	2	0	1.25	1.2	-0.05	-0.24	-0.18	0	0	0	0	0	0
2/12/2024 9:00	46003 BERW_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/12/2024 9:00	43001 ALWD_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/12/2024 9:00	58402 MORO_T1	0	0	0	0	0	0	-0.74	-0.79	0	0	0	0	0	0
2/12/2024 9:00	24101 EHAZ_T1	56	55	-1	1.56	1.21	-0.35	0	0	0	0	0	0	0	0
2/12/2024 9:00	46204 DANV_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/12/2024 9:00	47101 MARL_T1	2	4	2	0.15	0.2	0.05	0	0	0	0	0	0	0	0
2/12/2024 9:00	45902 AUBU_T1	4	0	-4	0.7	0	-0.7	-0.32	-0.36	0	0	0	0	0	0
2/12/2024 9:00	61701 ELIZ_T1	1	1	0	5.5	4.9	-0.6	0	0	0	0	0	0	0	0
2/12/2024 9:00	40503 CRES_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/12/2024 9:00	67502 WEWI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/12/2024 9:00	60803 BUCK_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/12/2024 9:00	42302 MOWR_T2	0	0	0	0	0	0	0.19	0.19	0	0	0	0	0	0
2/12/2024 9:00	17802 GILB_T1	0	1	1	0	0.2	0.2	0.12	0.1	0	0	0	0	0	0
2/12/2024 9:00	40101 HUNT_T2	127	142	15	0.46	0.43	-0.03	-0.33	-0.31	0	0	0	0	0	0
2/12/2024 9:00	52502 PROG_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/12/2024 9:01	46701 RENO_T1	1	1	0	7.5	8	0.5	0	0	0	0	0	0	0	0
2/12/2024 9:01	67906 WNHO_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/12/2024 9:06	57102 SPHI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/12/2024 9:06	60701 BREC_T1	0	0	0	0	0	0	-0.27	-0.29	0	0	0	0	0	0
2/12/2024 9:06	67501 WEWI_T1	0	0	0	0	0	0	-0.53	-0.5	0	0	0	0	0	0
2/12/2024 9:07	67401 WAKE_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/12/2024 9:07	67502 WEWI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/12/2024 9:08	45502 DERR_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/12/2024 9:08	59101 WALK_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/12/2024 9:08	27502 WEIS_T2	0	0	0	0	0	0	-0.52	-0.4	0	0	0	0	0	0
2/12/2024 9:08	62602 ENGL_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/12/2024 9:08	40502 CRES_T2	4	10	6	0.1	0.14	0.04	-0.61	-0.63	0	0	0	0	0	0
2/12/2024 9:11	61101 BERK_T5	0	0	0	0	0	0	-0.89	-0.89	0	0	0	0	0	0
2/12/2024 9:13	46203 DANV_T2	14	13	-1	0.14	0.15	0.01	-0.85	-0.86	0	0	0	0	0	0
2/12/2024 9:13	53601 DALM_T2	1	1	0	0.3	0.9	0.6	-0.54	-0.58	0	0	0	0	0	0
2/12/2024 9:15	43202 MVIL_T2	0	1	1	0	0	0	-0.54	-0.56	0	0	0	0	0	0
2/12/2024 9:18	67002 STHI_T2	74	134	60	0.15	0.18	0.03	0.68	0.67	0	0	0	0	0	0
2/12/2024 9:19	43201 MVIL_T2	0	1	1	0	0	0	0	0	0	0	0	0	0	0
2/12/2024 9:19	49804 UNIV_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/12/2024 9:19	67001 STHI_T2	364	438	74	0.17	0.17	0	0	0	0	0	0	0	0	0
2/12/2024 9:21	67002 STHI_T2	74	134	60	0.15	0.18	0.03	0.68	0.67	0	0	0	0	0	0
2/12/2024 9:22	67002 STHI_T2	74	134	60	0.15	0.18	0.03	0.68	0.67	0	0	0	0	0	0
2/12/2024 9:24	43401 BENT_T1	0	1	1	0	0	0	0	0	0	0	0	0	0	0
2/12/2024 9:24	29402 BELT_T1	28	36	8	0.54	0.56	0.02	0	0	0	0	0	0	0	0
2/12/2024 9:25	41801 GOCI_T2	0	1	1	0	0.2	0.2	0	0	0	0	0	0	0	0
2/12/2024 9:26	43402 BENT_T1	0	0	0	0	0	0	-0.86	-0.81	0	0	0	0	0	0
2/12/2024 9:27	40101 HUNT_T2	132	103	-29	0.48	0.37	-0.11	-0.74	-0.74	0	0	0	0	0	0
2/12/2024 9:28	48302 ORWI_T2	2	2	0	0.85	0.95	0.1	0.2	0.15	0	0	0	0	0	0
2/12/2024 9:29	67001 STHI_T2	364	438	74	0.17	0.17	0	0	0	0	0	0	0	0	0
2/12/2024 9:31	40101 HUNT_T2	94	46	-48	0.55	0.35	-0.2	-0.37	-0.37	0	0	0	0	0	0
2/12/2024 9:32	41902 REED_T1	0	0	0	0	0	0	0.26	0.33	0	0	0	0	0	0
2/12/2024 9:33	41901 REED_T1	11	10	-1	0.77	0.83	0.06	0	0	0	0	0	0	0	0
2/12/2024 9:33	67002 STHI_T2	133	87	-46	0.18	0.18	0	0.67	0.66	0	0	0	0	0	0
2/12/2024 9:34	56504 ROCK_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/12/2024 9:35	56504 ROCK_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/12/2024 9:35	47403 PENS_T1	1	1	0	2.4	2.4	0	0	0	0	0	0	0	0	0
2/12/2024 9:35	41903 REED_T1	0	5	5	0	0	0	0	0	0	0	0	0	0	0
2/12/2024 9:36	56802 BENV_T2	1	32	31	0.9	0.17	-0.73	-1.23	-1.24	0	0	0	0	0	0
2/12/2024 9:37	59102 WALK_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/12/2024 9:37	56802 BENV_T2	1	32	31	0.9	0.17	-0.73	-1.23	-1.24	0	0	0	0	0	0
2/12/2024 9:38	16302 ALPA_T2	0	1	1	0	0.3	0.3	-0.58	-0.61	0	0	0	0	0	0
2/12/2024 9:38	56802 BENV_T2	1	32	31	0.9	0.17	-0.73	-4.97	-5.02	0	0	0	0	0	0
2/12/2024 9:39	43302 WATS_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/12/2024 9:41	52202 DEVO_T2	0	0	0	0	0	0	-1.4	-1.38	0	0	0	0	0	0
2/12/2024 9:41	56802 BENV_T2	1	32	31	0.9	0.17	-0.73	-2.48	-2.51	0	0	0	0	0	0
2/12/2024 9:43	52202 DEVO_T2	0	0	0	0	0	0	-1.4	-1.38	0	0	0	0	0	0
2/12/2024 9:44	54504 ENOL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/12/2024 9:45	43202 MVIL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/12/2024 9:46	55001 NEWP_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/12/2024 9:47	55001 NEWP_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/12/2024 9:48	55001 NEWP_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/12/2024 9:50	59101 WALK_T2	0	0	0	0	0	0	1.42	2.07	0	0	0	0	0	0
2/12/2024 9:51	20401 ASHF_T2	3	8	5	0.57	0.36	-0.21	0	0	0	0	0	0	0	0
2/12/2024 9:51	59101 WALK_T2	0	0	0	0	0	0	1.42	2.07	0	0	0	0	0	0
2/12/2024 9:52	46702 RENO_T1	1	2	1	0.2	0.15	-0.05	-0.11	-0.12	0	0	0	0	0	0
2/12/2024 9:53	56802 BENV_T2	3	35	32	0.43	0.18	-0.25	-1.26	-1.25	0	0	0	0	0	0
2/12/2024 9:54	29402 BELT_T1	29	32	3	0.48	0.54	0.06	0	0	0	0	0	0	0	0
2/12/2024 9:54	67502 WEWI_T2	1	2	1	0.3	0.1	-0.2	-1.07	-1.14	0	0	0	0	0	0
2/12/2024 9:54	67502 WEWI_T2	1	2	1	0.3	0.1	-0.2	-1.07	-1.14	0	0	0	0	0	0
2/12/2024 9:54	29401 BELT_T1	0	9	9	0	0.12	0.12	0	0	0	0	0	0	0	0
2/12/2024 9:54	10801 CHHI_T1	0	1	1	0	0.6	0.6	-0.79	-0.8	0	0	0	0	0	0
2/12/2024 9:55	54504 ENOL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/12/2024 9:56	10805 CHHI_T2	1	7	6	7.7	2.19	-5.51	-0.13	-0.22	0	0	0	0	0	0
2/12/2024 9:56	56802 BENV_T2	3	35	32	0.43	0.18	-0.25	-1.26	-1.25	0	0	0	0	0	0
2/12/2024 9:56	54505 ENOL_T2	1	1	0	0.9	1	0.1	0	0	0	0	0	0	0	0
2/12/2024 9:56	52202 DEVO_T2	0	0	0	0	0	0	-1.38	-0.1	0	0	0	0	0	0
2/12/2024 9:59	54505 ENOL_T2	1	1	0	0.9	1	0.1	0	0	0	0	0	0	0	0
2/12/2024 10:00	57301 MOAL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/12/2024 10:00	59301 MCAL_T1	3	3	0	0.47	0.73	0.26	-1.74	-1.73	0	0	0	0	0	0
2/12/2024 10:02	55002 NEWP_T1	6	9	3	0.82	0.93	0.11	-0.18	-0.18	0	0	0	0	0	0
2/12/2024 10:03	58402 MORO_T1	0	0	0	0	0	0	-0.86	-0.95	0	0	0	0	0	0
2/12/2024 10:03	55002 NEWP_T1	6	9	3	0.82	0.93	0.11	-0.18	-0.18	0	0	0	0	0	0
2/12/2024 10:03	40601 PIGR_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/12/2024 10:03	59003 MIFF_T1	0	0	0	0	0	0	-0.27	0.51	0	0	0	0	0	0
2/12/2024 10:03	64101 REFR_T1	0	0	0	0	0	0	0.11	0.12	0	0	0	0	0	0
2/12/2024 10:04	55001 NEWP_T1	0	1	1	0	0.2	0.2	0	0	0	0	0	0	0	0
2/12/2024 10:04	64101 REFR_T1	0	0	0	0	0	0	0.11	0.12	0	0	0	0	0	0
2/12/2024 10:05	54202 PENN_T2	0	2	2	0	0.1	0.1	0.59	0.63	0	0	0	0	0	0
2/12/2024 10:05	40601 PIGR_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/12/2024 10:05	67201 TEHI_T1	0	0	0	0	0	0	0.38	0.39	0	0	0	0	0	0
2/12/2024 10:06	40601 PIGR_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/12/2024 10:07	40602 PIGR_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/12/2024 10:07	16302 ALPA_T2	1	0	-1	0.3	0	-0.3	-0.61	-0.55	0	0	0	0	0	0
2/12/2024 10:07	59101 WALK_T2	0	0	0	0	0	0	2.07	2.23	0	0	0	0	0	0
2/12/2024 10:07	29401 BELT_T1	0	26	26	0	0.13	0.13	0	0	0	0	0	0	0	0
2/12/2024 10:08	29401 BELT_T1	0	26	26	0	0.13	0.13	0	0	0	0	0	0	0	0
2/12/2024 10:08	45501 DERR_T2	0	0	0	0	0	0	0.66	0.42	0	0	0	0	0	0
2/12/2024 10:08	16302 ALPA_T2	1	0	-1	0.3	0	-0.3	-0.55	0.68	0	0	0	0	0	0
2/12/2024 10:09	16302 ALPA_T2	1	0	-1	0.3	0	-0.3	-0.55	0.68	0	0	0	0	0	0
2/12/2024 10:09	67203 TEHI_T1	1	1	0	0.1	0.1	0	2.26	2.17	0	0	0	0	0	0
2/12/2024 10:10	16302 ALPA_T2	1	0	-1	0.3	0	-0.3	-0.55	0.68	0	0	0	0	0	0
2/12/2024 10:10	62605 ENGL_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/12/2024 10:12	45501 DERR_T2	0	0	0	0	0	0	0.66	0.42	0	0	0	0	0	0
2/12/2024 10:13	62607 ENGL_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/12/2024 10:17	40101 HUNT_T2	14	23	9	0.3	0.35	0.05	-0.4	-0.43	0	0	0	0	0	0
2/12/2024 10:18	66505 SMAN_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/12/2024 10:18	62606 ENGL_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/12/2024 10:19	65902 SAXR_T2	0	0	0	0	0	0	-0.8	-0.83	0	0	0	0	0	0
2/12/2024 10:19	57403 SPAN_T1	9	28	19	0.2	0.32	0.12	0.13	0.1	0	0	0	0	0	0
2/12/2024 10:19	57401 SPAN_T1	2	2	0	0.45	0.65	0.2	-1.72	-2.05	0	0	0	0	0	0
2/12/2024 10:20	14403 SSLA_T1	0	1	1	0	0.2	0.2	0.96	0.9	0	0	0	0	0	0
2/12/2024 10:20	52002 LING_T2	1	1	0	0.2	0.4	0.2	0	0	0	0	0	0	0	0
2/12/2024 10:22	15001 BLMO_T1	0	3	3	0	0.23	0.23	0	0	0	0	0	0	0	0
2/12/2024 10:22	55001 NEWP_T1	0	1	1	0	0.2	0.2	0	0	0	0	0	0	0	0
2/12/2024 10:23	29402 BELT_T1	32	76	44	0.54	0.44	-0.1	0	0	0	0	0	0	0	0
2/12/2024 10:24	43001 ALWD_T1	0	1	1	0	0.2	0.2	0	0	0	0	0	0	0	0
2/12/2024 10:24	66301 MCGO_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/12/2024 10:24	29401 BELT_T1	9	26	17	0.12	0.13	0.01	0	0	0	0	0	0	0	0
2/12/2024 10:27	66502 SMAN_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/12/2024 10:27	54505 ENOL_T2	1	1	0	0.9	1	0.1	0	0	0	0	0	0	0	0
2/12/2024 10:28	53903 HALI_T2	2	3	1	1.4	1.03	-0.37	-0.14	-0.08	0	0	0	0	0	0
2/12/2024 10:29	53901 HALI_T2	1	1	0	0.7	0.9	0.2	0	0	0	0	0	0	0	0
2/12/2024 10:30	64201 KIMB_T1	0	0	0	0	0	0	-0.16	-0.35	0	0	0	0	0	0
2/12/2024 10:30	16402 MOPO_T1	0	0	0	0	0	0	0.19	0.22	0	0	0	0	0	0
2/12/2024 10:32	54206 PENN_T2	3	5	2	0.13	0.18	0.05	0	0	0	0	0	0	0	0
2/12/2024 10:32	13503 MCMI_T2	80	167	87	0.31	0.41	0.1	-0.85	-0.86	0	0	0	0	0	0
2/12/2024 10:33	56501 ROCK_T2	28	11	-17	0.18	0.25	0.07	4.54	4.45	0	0	0	0	0	0
2/12/2024 10:33	67001 STHI_T2	508	531	23	0.22	0.2	-0.02	0	0	0	0	0	0	0	0
2/12/2024 10:33	55001 NEWP_T1	1	1	0	0.2	0.2	0	0	0	0	0	0	0	0	0
2/12/2024 10:34	67002 STHI_T2	194	151	-43	0.2	0.2	0	0.64	0.65	0	0	0	0	0	0
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2/12/2024 11:01	13503 MCMI_T2	158	242	84	0.4	0.43	0.03	-0.87	-0.87	0	0	0	0	0	0
2/12/2024 11:01	44902 SCOT_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/12/2024 11:02	44901 SCOT_T2	0	0	0	0	0	0	0.13	0.23	0	0	0	0	0	0
2/12/2024 11:02	64101 REFR_T1	0	0	0	0	0	0	0.15	0.14	0	0	0	0	0	0
2/12/2024 11:04	15701 TANN_T1	2	3	1	2.9	2.07	-0.83	0	0	0	0	0	0	0	0
2/12/2024 11:05	52504 PROG_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/12/2024 11:05	43801 SWIL_T1	2	2	0	2.5	2.45	-0.05	0	0	0	0	0	0	0	0
2/12/2024 11:06	46002 BERW_T2	1	1	0	0.2	0.6	0.4	0	0	0	0	0	0	0	0
2/12/2024 11:06	57401 SPAN_T1	2	2	0	0.7	0.65	-0.05	0	0	0	0	0	0	0	0
2/12/2024 11:06	43802 SWIL_T1	0	0	0	0	0	0	-0.2	-0.23	0	0	0	0	0	0
2/12/2024 11:06	43001 ALWD_T1	0	1	1	0	0.2	0.2	0	0	0	0	0	0	0	0
2/12/2024 11:07	43801 SWIL_T1	2	2	0	2.5	2.45	-0.05	0	0	0	0	0	0	0	0
2/12/2024 11:07	57401 SPAN_T1	2	2	0	0.7	0.65	-0.05	0	0	0	0	0	0	0	0
2/12/2024 11:07	42201 SHEN_T2	0	0	0	0	0	0	-0.11	-0.14	0	0	0	0	0	0
2/12/2024 11:07	56802 BENV_T2	28	142	114	0.23	0.29	0.06	-1.3	-1.32	0	0	0	0	0	0
2/12/2024 11:10	43304 WATS_T2	1	0	-1	0.1	0	-0.1	-0.29	-0.26	0	0	0	0	0	0
2/12/2024 11:10	55103 WERT_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/12/2024 11:10	54502 ENOL_T2	1	1	0	0.5	0.4	-0.1	0	0	0	0	0	0	0	0
2/12/2024 11:10	56801 BENV_T1	28	31	3	0.6	0.78	0.18	-0.75	-0.76	0	0	0	0	0	0
2/12/2024 11:11	41801 GOCI_T2	14	10	-4	0.38	0.29	-0.09	0	0	0	0	0	0	0	0
2/12/2024 11:11	56802 BENV_T2	28	142	114	0.23	0.29	0.06	-1.32	-1.28	0	0	0	0	0	0
2/12/2024 11:11	43001 ALWD_T1	0	1	1	0	0.2	0.2	0	0	0	0	0	0	0	0
2/12/2024 11:11	54505 ENOL_T2	1	1	0	1	1	0	-1.27	-1.3	0	0	0	0	0	0
2/12/2024 11:11	56801 BENV_T1	28	31	3	0.6	0.78	0.18	-0.75	-0.76	0	0	0	0	0	0
2/12/2024 11:12	54502 ENOL_T2	1	1	0	0.5	0.4	-0.1	0	0	0	0	0	0	0	0
2/12/2024 11:12	56802 BENV_T2	28	142	114	0.23	0.29	0.06	-1.32	-1.28	0	0	0	0	0	0
2/12/2024 11:13	54506 ENOL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/12/2024 11:15	26402 INOR_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/12/2024 11:16	64703 LITI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/12/2024 11:20	67502 WEWI_T2	3	35	32	0.6	0.24	-0.36	-1.16	-1.18	0	0	0	0	0	0
2/12/2024 11:21	67502 WEWI_T2	3	35	32	0.6	0.24	-0.36	-1.16	-1.18	0	0	0	0	0	0
2/12/2024 11:21	59102 WALK_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/12/2024 11:22	66702 STRA_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/12/2024 11:22	43001 ALWD_T1	1	1	0	0.2	0.2	0	0	0	0	0	0	0	0	0
2/12/2024 11:22	44601 SALE_T2	0	0	0	0	0	0	0.58	0.68	0	0	0	0	0	0
2/12/2024 11:25	54502 ENOL_T2	1	1	0	0.2	0.5	0.3	0	0	0	0	0	0	0	0
2/12/2024 11:25	60801 BUCK_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/12/2024 11:26	61302 EARL_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/12/2024 11:27	56503 ROCK_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/12/2024 11:27	51104 CARL_T1	1	1	0	0	0	0	0	0	0	0	0	0	0	0
2/12/2024 11:27	43001 ALWD_T1	1	1	0	0.2	0.2	0	0	0	0	0	0	0	0	0
2/12/2024 11:27	40101 HUNT_T2	1	19	18	0.1	0.1	0	-0.53	-0.49	0	0	0	0	0	0
2/12/2024 11:28	10704 CATA_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/12/2024 11:30	67002 STHI_T2	210	280	70	0.18	0.18	0	0	0	0	0	0	0	0	0
2/12/2024 11:30	40101 HUNT_T2	2	19	17	0.1	0.35	0.25	-0.53	-0.49	0	0	0	0	0	0
2/12/2024 11:31	64902 MILL_T2	0	0	0	0	0	0	-0.78	-0.74	0	0	0	0	0	0
2/12/2024 11:31	67001 STHI_T2	575	611	36	0.23	0.27	0.04	0.1	0.09	0	0	0	0	0	0
2/12/2024 11:31	49804 UNIV_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/12/2024 11:31	65001 NEFF_T2	0	0	0	0	0	0	-0.46	-0.44	0	0	0	0	0	0
2/12/2024 11:32	64201 KINZ_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/12/2024 11:32	64101 REFR_T1	0	0	0	0	0	0	0.08	0.09	0	0	0	0	0	0
2/12/2024 11:32	67001 STHI_T2	575	611	36	0.23	0.27	0.04	0.1	0.09	0	0	0	0	0	0
2/12/2024 11:32	17002 RIRO_T2	2	2	0	0.6	0.5	-0.1	0.63	0.64	0	0	0	0	0	0
2/12/2024 11:32	46801 HEPB_T2	2	3	1	0.7	0.53	-0.17	0.65	0.63	0	0	0	0	0	0
2/12/2024 11:33	64902 MILL_T2	0	0	0	0	0	0	-0.78	-0.74	0	0	0	0	0	0
2/12/2024 11:33	47403 PENS_T1	1	1	0	1.4	1.6	0.2	0	0	0	0	0	0	0	0
2/12/2024 11:34	64101 REFR_T1	0	0	0	0	0	0	0.08	0.09	0	0	0	0	0	0
2/12/2024 11:36	43301 WATS_T2	0	0	0	0	0	0	-0.69	-0.68	0	0	0	0	0	0
2/12/2024 11:36	54202 PENN_T2	0	2	2	0	0.1	0.1	0	0	0	0	0	0	0	0
2/12/2024 11:36	43301 WATS_T2	0	0	0	0	0	0	-0.69	-0.68	0	0	0	0	0	0
2/12/2024 11:36	67203 TEHI_T1	0	0	0	0	0	0	2.13	1.53	0	0	0	0	0	0
2/12/2024 11:36	16301 ALPA_T1	2	2	0	0.3	0.25	-0.05	-0.4	-0.38	0	0	0	0	0	0
2/12/2024 11:36	67203 TEHI_T1	0	0	0	0	0	0	2.13	1.53	0	0	0	0	0	0
2/12/2024 11:36	20401 ASHF_T2	4	3	-1	0.58	0.63	0.05	0	0	0	0	0	0	0	0
2/12/2024 11:36	16302 ALPA_T2	0	0	0	0	0	0	1.51	1.29	0	0	0	0	0	0
2/12/2024 11:37	43301 WATS_T2	0	0	0	0	0	0	-0.69	-0.68	0	0	0	0	0	0
2/12/2024 11:37	10706 CATA_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/12/2024 11:37	57106 SPHI_T2	3	3	0	1.63	1.67	0.04	0	0	0	0	0	0	0	0
2/12/2024 11:37	60701 BREC_T1	2	0	-2	0.15	0	-0.15	-0.39	0.15	0	0	0	0	0	0
2/12/2024 11:37	16301 ALPA_T1	2	2	0	0.3	0.25	-0.05	-0.4	-0.38	0	0	0	0	0	0
2/12/2024 11:37	43001 ALWD_T1	0	1	1	0	0.2	0.2	0	0	0	0	0	0	0	0
2/12/2024 11:37	16302 ALPA_T2	0	0	0	0	0	0	1.51	1.29	0	0	0	0	0	0
2/12/2024 11:38	43302 WATS_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/12/2024 11:38	16301 ALPA_T1	2	2	0	0.3	0.25	-0.05	-0.38	-0.41	0	0	0	0	0	0
2/12/2024 11:38	43304 WATS_T2	0	0	0	0	0	0	-0.28	-0.62	0	0	0	0	0	0
2/12/2024 11:38	43001 ALWD_T1	0	1	1	0	0.2	0.2	0	0	0	0	0	0	0	0
2/12/2024 11:39	43303 WATS_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/12/2024 11:40	60701 BREC_T1	2	0	-2	0.15	0	-0.15	0.31	0.48	0	0	0	0	0	0
2/12/2024 11:40	16301 ALPA_T1	2	2	0	0.3	0.25	-0.05	-0.38	-0.41	0	0	0	0	0	0
2/12/2024 11:42	62606 ENGL_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/12/2024 11:42	10707 CATA_T2	1	0	-1	0.6	0	-0.6	0	0	0	0	0	0	0	0
2/12/2024 11:42	61305 EARL_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/12/2024 11:43	59302 MCAL_T1	0	1	1	0	0.2	0.2	0	0	0	0	0	0	0	0
2/12/2024 11:43	62606 ENGL_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/12/2024 11:43	40101 HUNT_T2	2	19	17	0.1	0.35	0.25	-0.49	-0.5	0	0	0	0	0	0
2/12/2024 11:43	43001 ALWD_T1	0	1	1	0	0.2	0.2	0	0	0	0	0	0	0	0
2/12/2024 11:43	46803 HEPB_T2	2	3	1	0.2	0.2	0	0	0	0	0	0	0	0	0
2/12/2024 11:44	12704 MACU_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/12/2024 11:45	59402 RFLD_T2	0	0	0	0	0	0	-0.69	-0.68	0	0	0	0	0	0
2/12/2024 11:45	40101 HUNT_T2	19	16	-3	0.58	0.1	-0.48	-0.49	-0.5	0	0	0	0	0	0
2/12/2024 11:46	55002 NEWP_T1	7	7	0	0.81	1.06	0.25	-0.2	-0.2	0	0	0	0	0	0
2/12/2024 11:46	40101 HUNT_T2	19	16	-3	0.58	0.1	-0.48	-0.99	-1	0	0	0	0	0	0
2/12/2024 11:46	60701 BREC_T1	0	0	0	0	0	0	0.15	0.24	0	0	0	0	0	0
2/12/2024 11:47	49803 UNIV_T1	0	0	0	0	0	0	-2.07	-2.12	0	0	0	0	0	0
2/12/2024 11:47	55001 NEWP_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/12/2024 11:47	64903 MILL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/12/2024 11:48	55001 NEWP_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/12/2024 11:49	47402 PENS_T1	0	1	1	0	0	0	0	0	0	0	0	0	0	0
2/12/2024 11:49	64903 MILL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/12/2024 11:51	67503 WEWI_T2	0	0	0	0	0	0	-0.13	-0.24	0	0	0	0	0	0
2/12/2024 11:52	59102 WALK_T2	0	2	2	0	0.4	0.4	0	0	0	0	0	0	0	0
2/12/2024 11:52	16302 ALPA_T2	0	0	0	0	0	0	1.29	1.49	0	0	0	0	0	0
2/12/2024 11:52	67503 WEWI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/12/2024 11:52	16301 ALPA_T1	1	2	1	0.4	0.3	-0.1	-0.38	-0.41	0	0	0	0	0	0
2/12/2024 11:52	67203 TEHI_T1	0	0	0	0	0	0	1.53	1.55	0	0	0	0	0	0
2/12/2024 11:53	67501 WEWI_T1	0	0	0	0	0	0	-0.62	-0.6	0	0	0	0	0	0
2/12/2024 11:53	67502 WEWI_T2	1	1	0	0.4	0.2	-0.2	-0.32	-0.24	0	0	0	0	0	0
2/12/2024 11:53	16301 ALPA_T1	1	2	1	0.4	0.3	-0.1	-0.82	-0.8	0	0	0	0	0	0
2/12/2024 11:53	16302 ALPA_T2	0	0	0	0	0	0	1.49	1.36	0	0	0	0	0	0
2/12/2024 11:53	59102 WALK_T2	0	2	2	0	0.4	0.4	0	0	0	0	0	0	0	0
2/12/2024 11:53	67503 WEWI_T2	0	0	0	0	0	0	-0.48	-0.52	0	0	0	0	0	0
2/12/2024 11:53	60801 BUCK_T1	0	0	0	0	0	0	-0.38	-0.72	0	0	0	0	0	0
2/12/2024 11:53	57104 SPHI_T2	0	2	2	0	0.1	0.1	0	0	0	0	0	0	0	0
2/12/2024 11:53	43001 ALWD_T1	1	1	0	0.2	0.1	-0.1	0	0	0	0	0	0	0	0
2/12/2024 11:54	16301 ALPA_T1	1	2	1	0.4	0.3	-0.1	-0.41	-0.4	0	0	0	0	0	0
2/12/2024 11:55	59102 WALK_T2	0	2	2	0	0.4	0.4	0	0	0	0	0	0	0	0
2/12/2024 11:55	16301 ALPA_T1	1	2	1	0.4	0.3	-0.1	-0.41	-0.4	0	0	0	0	0	0
2/12/2024 11:58	40101 HUNT_T2	19	16	-3	0.58	0.1	-0.48	-0.5	-0.55	0	0	0	0	0	0
2/12/2024 11:58	61302 EARL_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/12/2024 11:59	46803 HEPB_T2	2	2	0	0.1	0.3	0.2	0	0	0	0	0	0	0	0
2/12/2024 12:02	40101 HUNT_T2	11	10	-1	0.35	0.2	-0.15	-0.5	-0.55	0	0	0	0	0	0
2/12/2024 12:03	57106 SPHI_T2	3	3	0	1.6	1.67	0.07	0	0	0	0	0	0	0	0
2/12/2024 12:03	40101 HUNT_T2	11	10	-1	0.35	0.2	-0.15	-0.5	-0.55	0	0	0	0	0	0
2/12/2024 12:04	47402 PENS_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/12/2024 12:04	54202 PENN_T2	0	5	5	0	0.1	0.1	0.64	0.64	0	0	0	0	0	0
2/12/2024 12:04	54701 NEBL_T1	3	3	0	0.23	0.17	-0.06	0	0	0	0	0	0	0	0
2/12/2024 12:05	47402 PENS_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/12/2024 12:07	67503 WEWI_T2	0	0	0	0	0	0	-0.24	-0.26	0	0	0	0	0	0
2/12/2024 12:07	67502 WEWI_T2	1	1	0	0.2	0.3	0.1	-0.32	-0.24	0	0	0	0	0	0
2/12/2024 12:08	43001 ALWD_T1	1	1	0	0.1	0.1	0	0	0	0	0	0	0	0	0
2/12/2024 12:08	16301 ALPA_T1	2	3	1	0.25	0.23	-0.02	-0.4	-0.39	0	0	0	0	0	0
2/12/2024 12:08	59201 THOM_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/12/2024 12:08	67502 WEWI_T2	1	1	0	0.2	0.3	0.1	-1.21	-1.91	0	0	0	0	0	0
2/12/2024 12:08	16302 ALPA_T2	0	0	0	0	0	0	1.36	1.23	0	0	0	0	0	0
2/12/2024 12:09	16301 ALPA_T1	2	3	1	0.25	0.23	-0.02	-1.2	-1.17	0	0	0	0	0	0
2/12/2024 12:09	16302 ALPA_T2	0	0	0	0	0	0	1.36	1.23	0	0	0	0	0	0
2/12/2024 12:09	67503 WEWI_T2	0	0	0	0	0	0	-0.52	-0.53	0	0	0	0	0	0
2/12/2024 12:09	67505 WEWI_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/12/2024 12:09	40101 HUNT_T2	11	10	-1	0.35	0.2	-0.15	-0.55	-0.39	0	0	0	0	0	0
2/12/2024 12:10	16301 ALPA_T1	2	3	1	0.25	0.23	-0.02	-0.4	-0.39	0	0	0	0	0	0
2/12/2024 12:11	16301 ALPA_T1	2	3	1	0.25	0.23	-0.02	-0.4	-0.39	0	0	0	0	0	0
2/12/2024 12:14	61301 EARL_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/12/2024 12:14	59302 MCAL_T1	1	0	-1	0.2	0	-0.2	-0.28	-0.27	0	0	0	0	0	0
2/12/2024 12:15	46801 HEPB_T2	3	3	0	0.47	0.6	0.13	0.66	0.59	0	0	0	0	0	0
2/12/2024 12:15	59301 MCAL_T1	4	6	2	0.8	0.62	-0.18	-1.78	-1.83	0	0	0	0	0	0
2/12/2024 12:18	42002 MNVL_T2	1	1	0	6.8	6.8	0	0	0	0	1	0	0	0	0
2/12/2024 12:19	59301 MCAL_T1	4	6	2	0.8	0.62	-0.18	0	0	0	0	0	0	0	0
2/12/2024 12:21	59102 WALK_T2	1	2	1	0.1	0.15	0.05	0	0	0	0	0	0	0	0
2/12/2024 12:23	59102 WALK_T2	1	2	1	0.1	0.15	0.05	0	0	0	0	0	0	0	0
2/12/2024 12:24	59102 WALK_T2	1	2	1	0.1	0.15	0.05	0	0	0	0	0	0	0	0
2/12/2024 12:28	64703 LITI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/12/2024 12:28	40101 HUNT_T2	6	36	30	0.25	0.2	-0.05	-0.78	-0.77	0	0	0	0	0	0
2/12/2024 12:30	40101 HUNT_T2	7	38	31	0.21	0.39	0.18	-0.78	-0.77	0	0	0	0	0	0
2/12/2024 12:31	49803 UNIV_T1	0	10	10	0	0.1	0.1	-1.12	-1.12	0	0	0	0	0	0
2/12/2024 12:34	49803 UNIV_T1	0	10	10	0	0.1	0.1	-1.12	-1.12	0	0	0	0	0	0
2/12/2024 12:40	67604 WARW_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/12/2024 12:47	47401 PENS_T1	0	0	0	0	0	0	0.78	0.77	0	0	0	0	0	0
2/12/2024 12:52	47402 PENS_T1	0	1	1	0	0	0	0	0	0	0	0	0	0	0
2/12/2024 12:52	14802 TREI_T2	0	0	0	0	0	0	0.31	0.3	0	0	0	0	0	0
2/12/2024 13:01	55001 NEWP_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/12/2024 13:02	60602 NCOL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/12/2024 13:02	55001 NEWP_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/12/2024 13:04	55001 NEWP_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/12/2024 13:05	55002 NEWP_T1	7	7	0	1.23	1.33	0.1	-0.23	-0.22	0	0	0	0	0	0
2/12/2024 13:06	67201 TEHI_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/12/2024 13:06	55001 NEWP_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/12/2024 13:07	60803 BUCK_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/12/2024 13:13	64201 KINZ_T1	0	0	0	0	0	0	-0.71	-0.65	0	0	0	0	0	0
2/12/2024 13:17	64202 KINZ_T1	2	2	0	0.15	0.15	0	0	0	0	0	0	0	0	0
2/12/2024 13:38	57106 SPHI_T2	3	3	0	1.8	2	0.2	0	0	0	0	0	0	0	0
2/12/2024 13:39	15701 TANN_T1	2	2	0	2.65	2.85	0.2	0	0	0	0	0	0	0	0
2/12/2024 13:42	62604 ENGL_T1	0	0	0	0	0	0	-0.48	-0.41	0	0	0	0	0	0
2/12/2024 13:43	62602 ENGL_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/12/2024 13:43	67002 STHI_T2	347	429	82	0.17	0.19	0.02	0	0	0	0	0	0	0	0
2/12/2024 13:44	41503 FAIR_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/12/2024 13:44	47001 HUGH_T2	0	4	4	0	0.15	0.15	-0.76	-0.82	0	0	0	0	0	0
2/12/2024 13:44	67001 STHI_T2	633	686	53	0.32	0.34	0.02	0	0	0	0	0	0	0	0
2/12/2024 13:45	65502 MCID_T2	25	0	-25	0.1	0	-0.1	0	0	0	0	0	0	0	0
2/12/2024 13:46	67002 STHI_T2	384	408	24	0.18	0.2	0.02	0.66	0.64	0	0	0	0	0	0
2/12/2024 13:46	47002 HUGH_T2	9	11	2	0.27	0.

Appendix C - Grid Benefits Achieved in Each Instance of Active Management

2/12/2024 14:13	64703 LITI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/12/2024 14:14	64702 LITI_T2	0	0	0	0	0	0	-0.82	-0.73	0	0	0	0	0	0
2/12/2024 14:14	25501 MADI_T1	1	0	-1	0.2	0	-0.2	0	0	0	0	0	0	0	0
2/12/2024 14:14	26401 INOR_T1	0	1	1	0	0.1	0.1	1.1	0.74	0	0	0	0	0	0
2/12/2024 14:14	54502 ENOL_T2	15	18	3	0.15	0.17	0.02	-1.15	-1.16	1	1	0	600	600	0
2/12/2024 14:14	26401 INOR_T1	0	1	1	0	0.1	0.1	1.1	0.74	0	0	0	0	0	0
2/12/2024 14:14	67002 STHI_T2	377	436	59	0.19	0.22	0.03	1.98	1.86	0	0	0	0	0	0
2/12/2024 14:14	54504 ENOL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/12/2024 14:15	54505 ENOL_T2	1	1	0	1.4	1.4	0	-3.99	-3.99	3	3	0	1800	1800	0
2/12/2024 14:15	54506 ENOL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/12/2024 14:15	64305 LINC_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/12/2024 14:15	26401 INOR_T1	1	1	0	0.1	0.1	0	0	0	0	0	0	0	0	0
2/12/2024 14:15	16406 MOPO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/12/2024 14:16	41502 FAIR_T2	0	0	0	0	0	0	-1.64	-1.67	1	1	0	900	900	0
2/12/2024 14:16	67002 STHI_T2	344	511	167	0.2	0.23	0.03	0.66	0.62	0	0	0	0	0	0
2/12/2024 14:16	41504 FAIR_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/12/2024 14:18	67001 STHI_T2	604	779	175	0.32	0.36	0.04	0	0	0	0	0	0	0	0
2/12/2024 14:18	54202 PENN_T2	86	99	13	0.16	0.16	0	0	0	0	0	0	0	0	0
2/12/2024 14:18	54205 PENN_T1	67	76	9	0.25	0.19	-0.06	0	0	0	0	0	0	0	0
2/12/2024 14:20	59102 WALK_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/12/2024 14:20	54206 PENN_T2	65	64	-1	0.14	0.14	0	0	0	0	0	0	0	0	0
2/12/2024 14:21	64801 MONE_T2	8	6	-2	0.44	0.42	-0.02	-0.34	-0.39	0	0	0	0	0	0
2/12/2024 14:21	54202 PENN_T2	86	99	13	0.16	0.16	0	0	0	0	0	0	0	0	0
2/12/2024 14:23	60101 COCA_T1	0	0	0	0	0	0	0.31	0.29	0	0	0	0	0	0
2/12/2024 14:23	29402 BELT_T1	117	118	1	1.17	1.09	-0.08	0	0	0	0	0	0	0	0
2/12/2024 14:23	44302 BEAV_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/12/2024 14:24	29401 BELT_T1	2	0	-2	0.1	0	-0.1	0	0	1	1	0	900	900	0
2/12/2024 14:24	67502 WEWI_T2	0	1	1	0	0.1	0.1	-0.61	-0.54	0	0	0	0	0	0
2/12/2024 14:24	67502 WEWI_T2	0	1	1	0	0.1	0.1	-0.61	-0.54	0	0	0	0	0	0
2/12/2024 14:25	43001 ALWD_T1	1	1	0	0.1	0.1	0	0	0	0	0	0	0	0	0
2/12/2024 14:25	46003 BERW_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/12/2024 14:25	10705 CATA_T2	0	1	1	0	0.2	0.2	0.09	0	0	0	0	0	0	0
2/12/2024 14:25	54502 ENOL_T2	14	18	4	0.17	0.16	-0.01	0	0	0	0	0	0	0	0
2/12/2024 14:25	29402 BELT_T1	117	118	1	1.17	1.09	-0.08	0	0	0	0	0	0	0	0
2/12/2024 14:25	67503 WEWI_T2	0	0	0	0	0	0	-0.28	-0.26	0	0	0	0	0	0
2/12/2024 14:25	67502 WEWI_T2	0	1	1	0	0.1	0.1	-0.61	-0.54	0	0	0	0	0	0
2/12/2024 14:25	62605 ENGL_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/12/2024 14:25	60101 COCA_T1	0	0	0	0	0	0	0.31	0.29	0	0	0	0	0	0
2/12/2024 14:25	59102 WALK_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/12/2024 14:26	60801 BUCK_T1	0	0	0	0	0	0	-0.5	-0.5	1	1	0	600	600	0
2/12/2024 14:26	46004 BERW_T2	0	0	0	0	0	0	-0.74	-0.7	0	0	0	0	0	0
2/12/2024 14:26	62606 ENGL_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/12/2024 14:26	67503 WEWI_T2	0	0	0	0	0	0	-0.28	-0.26	0	0	0	0	0	0
2/12/2024 14:27	29401 BELT_T1	2	0	-2	0.1	0	-0.1	0	0	2	0	-2	1800	0	-1800
2/12/2024 14:27	29401 BELT_T1	2	0	-2	0.1	0	-0.1	0	0	2	0	-2	1800	0	-1800
2/12/2024 14:28	47002 HUGH_T2	10	10	0	0.22	0.22	0	0	0	0	0	0	0	0	0
2/12/2024 14:29	64703 LITI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/12/2024 14:29	26402 INOR_T1	5	14	9	0.16	0.16	0	0	0	0	0	0	0	0	0
2/12/2024 14:29	67001 STHI_T2	604	779	175	0.32	0.36	0.04	0	0	0	0	0	0	0	0
2/12/2024 14:29	40101 HUNT_T2	5	0	-5	0.3	0	-0.3	-0.89	-0.98	0	0	0	0	0	0
2/12/2024 14:30	26402 INOR_T1	14	1	-13	0.16	0.1	-0.06	-2.04	-2.08	2	2	0	1200	1200	0
2/12/2024 14:30	64702 LITI_T2	0	0	0	0	0	0	-0.73	-0.81	0	0	0	0	0	0
2/12/2024 14:30	62601 ENGL_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/12/2024 14:30	67002 STHI_T2	417	501	84	0.21	0.23	0.02	0.62	0.61	0	0	0	0	0	0
2/12/2024 14:30	25503 MADI_T1	7	3	-4	0.13	0.13	0	-1	-1.02	0	0	0	0	0	0
2/12/2024 14:30	43001 ALWD_T1	1	0	-1	0.1	0	-0.1	0	0	0	0	0	0	0	0
2/12/2024 14:31	67002 STHI_T2	417	501	84	0.21	0.23	0.02	0.62	0.61	0	0	0	0	0	0
2/12/2024 14:31	64902 MILL_T2	0	0	0	0	0	0	-0.78	-0.8	1	1	0	900	900	0
2/12/2024 14:31	54206 PENN_T2	47	56	9	0.15	0.14	-0.01	0	0	0	0	0	0	0	0
2/12/2024 14:31	46801 HEPB_T2	2	1	-1	0.15	0.2	0.05	0.55	0.58	0	0	0	0	0	0
2/12/2024 14:31	12701 MACU_T1	0	0	0	0	0	0	0.04	0.05	0	0	0	0	0	0
2/12/2024 14:31	16402 MOPO_T1	3	1	-2	0.7	0.1	-0.6	0.12	0.08	0	0	0	0	0	0
2/12/2024 14:31	47002 HUGH_T2	6	10	4	0.18	0.22	0.04	0	0	0	0	0	0	0	0
2/12/2024 14:31	40101 HUNT_T2	0	0	0	0	0	0	-0.44	-0.49	0	0	0	0	0	0
2/12/2024 14:32	64903 MILL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/12/2024 14:34	64101 REFR_T1	0	0	0	0	0	0	0.04	0.1	0	0	0	0	0	0
2/12/2024 14:34	67001 STHI_T2	618	789	171	0.35	0.36	0.01	0	0	0	0	0	0	0	0
2/12/2024 14:34	65803 RTWN_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/12/2024 14:35	43303 WATS_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/12/2024 14:35	54204 PENN_T2	2	2	0	0.15	0.15	0	0	0	0	0	0	0	0	0
2/12/2024 14:36	67503 WEWI_T2	0	0	0	0	0	0	-0.55	-0.52	0	0	0	0	0	0
2/12/2024 14:36	64101 REFR_T1	0	0	0	0	0	0	0.04	0.1	0	0	0	0	0	0
2/12/2024 14:36	43303 WATS_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/12/2024 14:36	16301 ALPA_T1	1	2	1	0.4	0.3	-0.1	-0.4	-0.41	0	0	0	0	0	0
2/12/2024 14:36	67603 WARW_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/12/2024 14:37	16301 ALPA_T1	1	2	1	0.4	0.3	-0.1	-0.4	-0.41	0	0	0	0	0	0
2/12/2024 14:37	29401 BELT_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/12/2024 14:37	43302 WATS_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/12/2024 14:37	43304 WATS_T2	1	0	-1	1.1	0	-1.1	-1.36	-0.96	0	0	0	0	0	0
2/12/2024 14:37	64101 REFR_T1	0	0	0	0	0	0	0.04	0.1	0	0	0	0	0	0
2/12/2024 14:38	16301 ALPA_T1	1	2	1	0.4	0.3	-0.1	-0.82	-0.92	0	0	0	0	0	0
2/12/2024 14:38	60803 BUCK_T1	0	2	2	0	0.15	0.15	-1.23	-1.22	1	1	0	600	600	0
2/12/2024 14:39	67502 WEWI_T2	0	1	1	0	0.1	0.1	-0.27	-0.26	0	0	0	0	0	0
2/12/2024 14:39	67503 WEWI_T2	0	0	0	0	0	0	-0.26	-0.26	0	0	0	0	0	0
2/12/2024 14:39	60102 COCA_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/12/2024 14:40	62601 ENGL_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/12/2024 14:40	43301 WATS_T2	0	0	0	0	0	0	-0.78	-0.79	1	1	0	900	900	0
2/12/2024 14:40	16301 ALPA_T1	1	2	1	0.4	0.3	-0.1	-0.41	-0.46	1	1	0	0	0	0
2/12/2024 14:40	67503 WEWI_T2	0	0	0	0	0	0	-0.26	-0.26	0	0	0	0	0	0
2/12/2024 14:40	20401 ASHF_T2	3	4	1	0.6	0.43	-0.17	0	0	0	0	0	0	0	0
2/12/2024 14:40	67502 WEWI_T2	0	1	1	0	0.1	0.1	-1.08	-1.04	0	0	0	0	0	0
2/12/2024 14:41	20602 GRWO_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/12/2024 14:41	60101 COCA_T1	0	0	0	0	0	0	0.29	0.25	0	0	0	0	0	0
2/12/2024 14:41	67503 WEWI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/12/2024 14:41	62601 ENGL_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/12/2024 14:41	43001 ALWD_T1	1	0	-1	0.1	0	-0.1	0	0	0	0	0	0	0	0
2/12/2024 14:42	41502 FAIR_T2	0	0	0	0	0	0	-1.68	-1.7	1	1	0	900	900	0
2/12/2024 14:42	46004 BERW_T2	0	0	0	0	0	0	-0.35	-0.4	0	0	0	0	0	0
2/12/2024 14:42	41601 CLEV_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/12/2024 14:42	54504 ENOL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/12/2024 14:42	41503 FAIR_T2	0	0	0	0	0	0	-1.43	-1.49	1	1	0	600	600	0
2/12/2024 14:42	60801 BUCK_T1	0	0	0	0	0	0	-0.5	-0.61	1	1	0	600	600	0
2/12/2024 14:43	54503 ENOL_T2	0	0	0	0	0	0	-1.3	-1.32	1	1	0	600	600	0
2/12/2024 14:44	54503 ENOL_T2	0	0	0	0	0	0	-1.3	-1.32	1	1	0	600	600	0
2/12/2024 14:44	23901 EFMO_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/12/2024 14:45	64703 LITI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/12/2024 14:45	26401 INOR_T1	0	0	0	0	0	0	0.73	0.78	0	0	0	0	0	0
2/12/2024 14:45	67002 STHI_T2	488	415	-73	0.23	0.21	-0.02	1.22	1.22	0	0	0	0	0	0
2/12/2024 14:46	55001 NEWP_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/12/2024 14:46	64903 MILL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/12/2024 14:46	67002 STHI_T2	488	415	-73	0.23	0.21	-0.02	1.22	1.22	0	0	0	0	0	0
2/12/2024 14:46	43001 ALWD_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/12/2024 14:46	26402 INOR_T1	1	0	-1	0.1	0	-0.1	-2.08	-2.12	2	2	0	1200	1200	0
2/12/2024 14:46	25501 MADI_T1	0	1	1	0	0	0	0	0	0	0	0	0	0	0
2/12/2024 14:46	64702 LITI_T2	0	0	0	0	0	0	-0.81	-0.83	0	0	0	0	0	0
2/12/2024 14:46	64801 MONE_T2	4	4	0	0.55	0.43	-0.12	-0.35	-0.37	0	0	0	0	0	0
2/12/2024 14:46	42002 MNVL_T2	1	1	0	7.8	7.5	-0.3	0	0	0	0	0	0	0	0
2/12/2024 14:47	42902 MIDD_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/12/2024 14:47	67002 STHI_T2	488	415	-73	0.23	0.21	-0.02	0.61	0.61	0	0	0	0	0	0
2/12/2024 14:47	16406 MOPO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/12/2024 14:47	55001 NEWP_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/12/2024 14:48	67002 STHI_T2	488	415	-73	0.23	0.21	-0.02	0.61	0.61	0	0	0	0	0	0
2/12/2024 14:48	64903 MILL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/12/2024 14:48	64101 REFR_T1	0	0	0	0	0	0	0.1	0.06	0	0	0	0	0	0
2/12/2024 14:50	55002 NEWP_T1	6	7	1	1.07	1.06	-0.01	-0.24	-0.25	0	0	0	0	0	0
2/12/2024 14:50	67002 STHI_T2	488	415	-73	0.23	0.21	-0.02	0.61	0.61	0	0	0	0	0	0
2/12/2024 14:50	54206 PENN_T2	56	8	-48	0.14	0.26	0.12	0	0	0	0	0	0	0	0
2/12/2024 14:51	59102 WALK_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/12/2024 14:51	54206 PENN_T2	56	8	-48	0.14	0.26	0.12	0	0	0	0	0	0	0	0
2/12/2024 14:51	55002 NEWP_T1	6	7	1	1.07	1.06	-0.01	-0.24	-0.25	0	0	0	0	0	0
2/12/2024 14:52	67401 WAKE_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/12/2024 14:52	55002 NEWP_T1	6	7	1	1.07	1.06	-0.01	-0.24	-0.25	0	0	0	0	0	0
2/12/2024 14:52	57403 SPAN_T1	24	19	-5	0.26	0.27	0.01	0.01	0.03	0	0	0	0	0	0
2/12/2024 14:52	56802 BENV_T2	185	177	-8	0.23	0.29	0.06	-1.37	-1.33	0	0	0	0	0	0
2/12/2024 14:52	64101 REFR_T1	0	0	0	0	0	0	0.1	0.06	0	0	0	0	0	0
2/12/2024 14:54	60801 BUCK_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/12/2024 14:55	17802 GILB_T1	0	3	3	0	0	0	0.11	0.11	0	0	0	0	0	0
2/12/2024 14:56	56803 BENV_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/12/2024 14:56	60801 BUCK_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/12/2024 14:56	43001 ALWD_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/12/2024 14:57	56803 BENV_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/12/2024 14:57	67402 WAKE_T2	0	0	0	0	0	0	-0.43	-0.44	1	1	0	600	600	0
2/12/2024 14:58	41503 FAIR_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/12/2024 14:58	17801 GILB_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/12/2024 15:01	65002 NEFF_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/12/2024 15:01	43001 ALWD_T1	0	1	1	0	0.1	0.1	0	0	0	0	0	0	0	0
2/12/2024 15:01	28704 HAML_T2	0	0	0	0	0	0	0.1	0.1	0	0	0	0	0	0
2/12/2024 15:01	17805 GILB_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/12/2024 15:03	12704 MACU_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/12/2024 15:06	59102 WALK_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/12/2024 15:07	59101 WALK_T2	0	0	0	0	0	0	2.22	2.1	0	0	0	0	0	0
2/12/2024 15:08	67401 WAKE_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/12/2024 15:08	60201 ATGL_T2	0	0	0	0	0	0	-0.27	-0.24	2	2	0	900	900	0
2/12/2024 15:09	59102 WALK_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/12/2024 15:10	60602 NCOL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/12/2024 15:12	40101 HUNT_T2	0	0	0	0	0	0	-0.48	-0.71	0	0	0	0	0	0
2/12/2024 15:12	43001 ALWD_T1	0	1	1	0	0.1	0.1	0	0	0	0	0	0	0	0
2/12/2024 15:13	67402 WAKE_T2	0	0	0	0	0	0	-0.44	-0.44	1	1	0	600	600	0
2/12/2024 15:16	40101 HUNT_T2	0	0	0	0	0	0	-0.48	-0.71	0	0	0	0	0	0
2/12/2024 15:17	44702 MUNC_T2	3	24	21	0.13	0.17	0.04	0	0	0	0	0	0	0	0
2/12/2024 15:17	47401 PENS_T1	0	0	0	0	0	0	1.78	1.77	0	0	0	0	0	0
2/12/2024 15:17	64101 REFR_T1	0	0	0	0	0	0	0	0.05	0	0	0	0	0	0
2/12/2024 15:17	43001 ALWD_T1	0	1	1	0	0.1	0.1	0	0	0	0	0	0	0	0
2/12/2024 15:18	46801 HEPB_T2	2	1	-1	0.15	0.1	-0.05	0.56	0.54	0	0	0	0	0	0
2/12/2024 15:18	47403 PENS_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/12/2024 15:18	44703 MUNC_T2	4	4	0	1.03	1.05	0.02	0	0	0	0	0	0	0	0
2/12/2024 15:19	47401 PENS_T1	0	0	0	0	0	0	1.78	1.77	0	0	0	0	0	0
2/12/2024 15:19	64101 REFR_T1	0	0	0	0	0	0	0	0.05	0	0	0	0	0	0
2/12/2024 15:21	47402 PENS_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/12/2024 15:21	43106 SMIL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/12/2024 15:22	43001 ALWD_T1	0	1	1	0	0.1	0.1	0	0	0	0	0	0	0	0
2/12/2024 15:24	67401 WAKE_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/12/2024 15:25	16301 ALPA_T1	1	1	0	0.2	0.4	0.2	-0.46	-0.46	0	0	0	0	0	0
2/12/2024 15:28	43001 ALWD_T1	0	1	1	0	0.1	0.1	0	0	0	0	0	0	0	0
2/12/2024 15:29	67402 WAKE_T2	0	0	0	0	0	0	-0.44	-0.44	1	1	0	600	600	0
2/12/2024 15:32	40101 HUNT_T2	0	0	0	0	0	0	-1.42	-1.15	0	0	0	0	0	0
2/12/2024 15:37	29402 BELT_T1	78	105	27	0.45	0.64	0.19	0	0	0	0	0	0	0	0
2/12/2024 15:37	56802 BENV_T2	244	256	12	0.31	0.36	0.05	-1.33	-1.37	0	0	0	0	0	0
2/12/2024 15:39	59201 THOM_T1	0	1	1	0	0.1	0.1	0	0	0	0	0	0	0	0
2/12/2024 15:42	61302 EARL_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/12/2024 15:43	26401 INOR_T1	0	7	7	0	0.2	0.2	0.46	0.4	0	0	0	0	0	0
2/12/2024 15:44	61302 EARL_T1	0	0	0	0	0	0	0

2/12/2024 19:18	60803 BUCK_T1	1	0	-1	0.1	0	-0.1	-1.22	-1.21	1	1	0	600	600	0
2/12/2024 19:18	67503 WEWI_T2	0	0	0	0	0	0	-0.14	-0.15	0	0	0	0	0	0
2/12/2024 19:19	67503 WEWI_T2	0	0	0	0	0	0	-0.14	-0.15	0	0	0	0	0	0
2/12/2024 19:19	64101 REFR_T1	0	0	0	0	0	0	0.12	0.14	0	0	0	0	0	0
2/12/2024 19:20	54501 ENOL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/12/2024 19:20	52002 LING_T2	1	1	0	0.3	0.3	0	0	0	0	0	0	0	0	0
2/12/2024 19:20	67502 WEWI_T2	0	0	0	0	0	0	-0.49	-0.46	0	0	0	0	0	0
2/12/2024 19:20	64902 MILL_T2	0	0	0	0	0	0	-0.75	-0.74	1	1	0	900	900	0
2/12/2024 19:22	56802 BENV_T2	28	130	102	0.16	0.26	0.1	-1.25	-1.32	0	0	0	0	0	0
2/12/2024 19:22	67401 WAKE_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/12/2024 19:22	56503 ROCK_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/12/2024 19:22	64101 REFR_T1	0	0	0	0	0	0	0.12	0.14	0	0	0	0	0	0
2/12/2024 19:22	17002 RIRO_T2	0	1	1	0	0.1	0.1	0.34	0.35	0	0	0	0	0	0
2/12/2024 19:23	67502 WEWI_T2	0	0	0	0	0	0	-0.46	-0.49	0	0	0	0	0	0
2/12/2024 19:23	54205 PENN_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/12/2024 19:23	54503 ENOL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/12/2024 19:23	16301 ALPA_T1	1	1	0	0.1	0.1	0	-0.43	-0.45	0	0	0	0	0	0
2/12/2024 19:23	56802 BENV_T2	28	130	102	0.16	0.26	0.1	-1.32	-1.3	0	0	0	0	0	0
2/12/2024 19:23	29402 BELT_T1	70	56	-14	0.47	0.44	-0.03	0	0	0	0	0	0	0	0
2/12/2024 19:24	67502 WEWI_T2	0	0	0	0	0	0	-0.46	-0.49	0	0	0	0	0	0
2/12/2024 19:24	60101 COCA_T1	0	0	0	0	0	0	0.24	0.25	0	0	0	0	0	0
2/12/2024 19:24	54204 PENN_T2	2	2	0	0.1	0.3	0.2	0	0	0	0	0	0	0	0
2/12/2024 19:24	56501 ROCK_T2	3	12	9	0.13	0.16	0.03	-1.49	-1.5	0	0	0	0	0	0
2/12/2024 19:24	64703 LITI_T2	0	0	0	0	0	0	-0.75	-0.74	0	0	0	0	0	0
2/12/2024 19:24	56802 BENV_T2	28	130	102	0.16	0.26	0.1	-1.32	-1.3	0	0	0	0	0	0
2/12/2024 19:25	54502 ENOL_T2	0	0	0	0	0	0	-1.15	-1.15	1	1	0	600	600	0
2/12/2024 19:25	62604 ENGL_T1	0	0	0	0	0	0	-0.39	-0.48	1	1	0	600	600	0
2/12/2024 19:25	66502 SMAN_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/12/2024 19:25	60605 NCOL_T2	0	0	0	0	0	0	-0.53	-0.56	0	0	0	0	0	0
2/12/2024 19:25	67603 WARW_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/12/2024 19:25	64301 LINC_T1	0	0	0	0	0	0	0.2	0.22	0	0	0	0	0	0
2/12/2024 19:25	54502 ENOL_T2	0	0	0	0	0	0	-1.15	-1.15	1	1	0	600	600	0
2/12/2024 19:25	17802 GILB_T1	0	0	0	0	0	0	0.11	0.11	0	0	0	0	0	0
2/12/2024 19:25	60801 BUCK_T1	0	0	0	0	0	0	-0.86	-0.88	1	1	0	600	600	0
2/12/2024 19:25	42902 MIDD_T2	1	0	-1	0.8	0	-0.8	0	0	0	0	0	0	0	0
2/12/2024 19:25	56802 BENV_T2	28	130	102	0.16	0.26	0.1	-1.32	-1.3	0	0	0	0	0	0
2/12/2024 19:25	60201 ATGL_T2	0	0	0	0	0	0	0.26	0.27	1	1	0	300	300	0
2/12/2024 19:25	54206 PENN_T2	4	5	1	0.13	0.18	0.05	0	0	0	0	0	0	0	0
2/12/2024 19:25	67002 STHI_T2	163	163	0	0.22	0.19	-0.03	0.6	0.61	0	0	0	0	0	0
2/12/2024 19:25	56803 BENV_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/12/2024 19:26	29401 BELT_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/12/2024 19:26	67502 WEWI_T2	0	0	0	0	0	0	-0.46	-0.49	0	0	0	0	0	0
2/12/2024 19:26	65502 MOJO_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/12/2024 19:26	64101 REFR_T1	0	0	0	0	0	0	0.14	0.08	0	0	0	0	0	0
2/12/2024 19:27	60602 NCOL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/12/2024 19:27	61101 BERK_T5	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/12/2024 19:27	60801 BUCK_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/12/2024 19:27	56802 BENV_T2	28	130	102	0.16	0.26	0.1	-1.32	-1.3	0	0	0	0	0	0
2/12/2024 19:27	56501 ROCK_T2	3	12	9	0.13	0.16	0.03	-1.49	-1.5	0	0	0	0	0	0
2/12/2024 19:27	16301 ALPA_T1	1	1	0	0.1	0.1	0	-0.43	-0.45	0	0	0	0	0	0
2/12/2024 19:28	28704 HAML_T2	0	0	0	0	0	0	0.14	0.16	0	0	0	0	0	0
2/12/2024 19:28	65802 RTWN_T2	0	0	0	0	0	0	-0.5	-0.48	0	0	0	0	0	0
2/12/2024 19:28	54503 ENOL_T2	0	0	0	0	0	0	-1.19	-1.14	1	1	0	600	600	0
2/12/2024 19:28	54503 ENOL_T2	0	0	0	0	0	0	-1.19	-1.14	1	1	0	600	600	0
2/12/2024 19:28	15704 TANN_T1	0	0	0	0	0	0	-1.07	-1.13	0	0	0	0	0	0
2/12/2024 19:28	54202 PENN_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/12/2024 19:28	67001 STHI_T2	508	526	18	0.28	0.28	0	0	0	0	0	0	0	0	0
2/12/2024 19:28	67502 WEWI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/12/2024 19:28	61103 BERK_T5	0	0	0	0	0	0	-0.01	-0.01	0	0	0	0	0	0
2/12/2024 19:28	56802 BENV_T2	28	130	102	0.16	0.26	0.1	-1.32	-1.3	0	0	0	0	0	0
2/12/2024 19:28	60701 BREC_T1	3	2	-1	0.2	0.1	-0.1	-0.52	-0.55	1	1	0	600	600	0
2/12/2024 19:29	65003 NEFF_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/12/2024 19:29	26401 INOR_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/12/2024 19:29	61302 EARL_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/12/2024 19:29	67002 STHI_T2	163	163	0	0.22	0.19	-0.03	1.2	1.22	0	0	0	0	0	0
2/12/2024 19:29	59201 THOM_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/12/2024 19:29	54501 ENOL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/12/2024 19:29	52504 PROG_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/12/2024 19:29	54501 ENOL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/12/2024 19:29	64802 MONE_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/12/2024 19:29	14403 SSLA_T1	0	0	0	0	0	0	0.78	0.8	0	0	0	0	0	0
2/12/2024 19:29	16302 ALPA_T2	0	0	0	0	0	0	0.61	0.62	0	0	0	0	0	0
2/12/2024 19:29	59102 WALK_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/12/2024 19:29	56503 ROCK_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/12/2024 19:30	67502 WEWI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/12/2024 19:30	60701 BREC_T1	0	2	2	0	0.1	0.1	-0.52	-0.55	1	1	0	600	600	0
2/12/2024 19:30	57403 SPAN_T1	0	0	0	0	0	0	0.06	0.09	0	0	0	0	0	0
2/12/2024 19:30	66502 SMAN_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/12/2024 19:30	62601 ENGL_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/12/2024 19:30	10703 CATA_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/12/2024 19:30	67505 WEWI_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/12/2024 19:30	65902 SAKR_T2	0	0	0	0	0	0	-0.16	-0.18	0	0	0	0	0	0
2/12/2024 19:30	41504 FAIR_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/12/2024 19:30	67002 STHI_T2	160	96	-64	0.19	0.19	0	0	0	0	0	0	0	0	0
2/12/2024 19:30	54505 ENOL_T2	1	1	0	0.7	0.7	0	0	0	0	0	0	0	0	0
2/12/2024 19:30	16302 ALPA_T2	0	0	0	0	0	0	1.83	1.86	0	0	0	0	0	0
2/12/2024 19:30	10801 CHHI_T1	0	0	0	0	0	0	-0.89	-0.89	1	1	0	900	900	0
2/12/2024 19:30	47402 PENS_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/12/2024 19:30	13503 MCMI_T2	37	27	-10	0.26	0.23	-0.03	-1.6	-1.55	0	0	0	0	0	0
2/12/2024 19:30	16301 ALPA_T1	1	1	0	0.1	0.1	0	-0.86	-0.9	0	0	0	0	0	0
2/12/2024 19:30	20601 GRWO_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/12/2024 19:30	56802 BENV_T2	130	49	-81	0.26	0.18	-0.08	-5.28	-5.2	0	0	0	0	0	0
2/12/2024 19:31	54506 ENOL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/12/2024 19:31	16401 MOPO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/12/2024 19:31	54206 PENN_T2	4	5	1	0.15	0.16	0.01	-0.03	-0.08	0	0	0	0	0	0
2/12/2024 19:31	55001 NEWP_T1	0	4	4	0	0.13	0.13	0	0	0	0	0	0	0	0
2/12/2024 19:31	48302 ORWI_T2	2	2	0	1.1	1.4	0.3	0.02	0	0	0	0	0	0	0
2/12/2024 19:31	56802 BENV_T2	130	49	-81	0.26	0.18	-0.08	-1.32	-1.3	0	0	0	0	0	0
2/12/2024 19:32	65001 NEFF_T2	59	84	25	0.13	0.13	0	-0.92	-1	1	1	0	1200	1200	0
2/12/2024 19:32	10702 CATA_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/12/2024 19:32	27503 WEIS_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/12/2024 19:32	29401 BELT_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/12/2024 19:32	56802 BENV_T2	130	49	-81	0.26	0.18	-0.08	-1.32	-1.3	0	0	0	0	0	0
2/12/2024 19:32	57401 SPAN_T1	0	1	1	0	0.2	0.2	-1.58	-1.66	2	2	0	1200	1200	0
2/12/2024 19:32	26401 INOR_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/12/2024 19:32	17802 GILB_T1	0	0	0	0	0	0	0.11	0.11	0	0	0	0	0	0
2/12/2024 19:33	67001 STHI_T2	503	496	-7	0.29	0.25	-0.04	0.06	0.07	0	0	0	0	0	0
2/12/2024 19:33	67001 STHI_T2	503	496	-7	0.29	0.25	-0.04	0.06	0.07	0	0	0	0	0	0
2/12/2024 19:33	57403 SPAN_T1	0	0	0	0	0	0	0.06	0.09	0	0	0	0	0	0
2/12/2024 19:33	56503 ROCK_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/12/2024 19:33	43103 SMIL_T2	0	4	4	0	0.25	0.25	-0.87	-0.89	0	0	0	0	0	0
2/12/2024 19:33	54504 ENOL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/12/2024 19:33	61306 EARL_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/12/2024 19:33	52204 DEVO_T2	0	3	3	0	0	0	0	0	0	0	0	0	0	0
2/12/2024 19:33	45502 DERR_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/12/2024 19:33	57306 MOAI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/12/2024 19:33	47002 HUGH_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/12/2024 19:33	51101 CARL_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/12/2024 19:33	57403 SPAN_T1	0	0	0	0	0	0	0.06	0.09	0	0	0	0	0	0
2/12/2024 19:33	56503 ROCK_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/12/2024 19:33	60101 COCA_T1	0	0	0	0	0	0	0.24	0.25	0	0	0	0	0	0
2/12/2024 19:33	17801 GILB_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/12/2024 19:33	23902 EFMO_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/12/2024 19:33	56802 BENV_T2	130	49	-81	0.26	0.18	-0.08	-1.32	-1.3	0	0	0	0	0	0
2/12/2024 19:33	56801 BENV_T1	10	14	4	0.43	0.66	0.23	-0.73	-0.71	1	1	0	600	600	0
2/12/2024 19:34	25501 MADI_T1	6	1	-5	1.1	1.6	0.5	0	0	0	0	0	0	0	0
2/12/2024 19:34	15001 BLMO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/12/2024 19:34	54503 ENOL_T2	0	0	0	0	0	0	-1.19	-1.14	1	1	0	600	600	0
2/12/2024 19:34	55001 NEWP_T1	0	4	4	0	0.13	0.13	0	0	0	0	0	0	0	0
2/12/2024 19:34	26402 INOR_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/12/2024 19:34	53903 HALI_T2	2	2	0	1.1	1.15	0.05	-0.18	-0.14	0	0	0	0	0	0
2/12/2024 19:34	49803 UNIV_T1	0	0	0	0	0	0	-1.11	-1.12	0	0	0	0	0	0
2/12/2024 19:34	60504 NMAN_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/12/2024 19:34	29401 BELT_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/12/2024 19:34	54501 ENOL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/12/2024 19:34	67002 STHI_T2	160	96	-64	0.19	0.19	0	0.6	0.61	0	0	0	0	0	0
2/12/2024 19:34	67002 STHI_T2	160	96	-64	0.19	0.19	0	0.6	0.61	0	0	0	0	0	0
2/12/2024 19:34	43201 MVIL_T2	0	0	0	0	0	0	-0.37	-0.38	0	0	0	0	0	0
2/12/2024 19:34	54204 PENN_T2	2	2	0	0.3	0.25	-0.05	0	0	0	0	0	0	0	0
2/12/2024 19:34	42001 MNVL_T2	0	0	0	0	0	0	0.06	0.05	0	0	0	0	0	0
2/12/2024 19:34	16302 ALPA_T2	0	0	0	0	0	0	0.61	0.62	0	0	0	0	0	0
2/12/2024 19:35	46205 DANV_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/12/2024 19:35	54504 ENOL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/12/2024 19:35	47403 PENS_T1	0	2	2	0	0.1	0.1	0	0	0	0	0	0	0	0
2/12/2024 19:35	55001 NEWP_T1	0	4	4	0	0.13	0.13	0	0	0	0	0	0	0	0
2/12/2024 19:35	42001 MNVL_T2	0	0	0	0	0	0	0.06	0.05	0	0	0	0	0	0
2/12/2024 19:35	43801 SWIL_T1	2	2	0	3.35	3.25	-0.1	0	0	0	0	0	0	0	0
2/12/2024 19:35	54506 ENOL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/12/2024 19:35	54202 PENN_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/12/2024 19:35	29401 BELT_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/12/2024 19:35	58401 MORO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/12/2024 19:35	44601 SALE_T2	0	0	0	0	0	0	-0.09	-0.08	0	0	0	0	0	0
2/12/2024 19:35	59101 WALK_T2	0	0	0	0	0	0	0.99	0.94	0	0	0	0	0	0
2/12/2024 19:35	40101 HUNT_T2	4	14	10	0.35	0.3	-0.05	-0.74	-0.77	0	0	0	0	0	0
2/12/2024 19:35	46003 BERW_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/12/2024 19:35	40601 PIGR_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/12/2024 19:35	54701 NEBL_T1	3	3	0	0.33	0.3	-0.03	0	0	1	1	0	600	600	0
2/12/2024 19:35	41802 GOCI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/12/2024 19:36	41601 CLEV_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/12/2024 19:36	47402 PENS_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/12/2024 19:36	12704 MACU_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/12/2024 19:36	66702 STRA_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/12/2024 19:36	14404 SSLA_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/12/2024 19:36	59301 MCAL_T1	2	2	0	0.2	0.55	0.35	-1.46	-1.45	0	0	0	0	0	0
2/12/2024 19:36	57401 SPAN_T1	0	1	1	0	0.2	0.2	-1.58	-1.66	2	2	0	1200	1200	0
2/12/2024 19:36	43301 WATS_T2	0	0	0	0	0	0	-0.78	-0.74	1	1	0	900	900	0
2/12/2024 19:36	55001 NEWP_T1	0	4	4	0	0.13	0.13	0	0	0	0	0	0	0	0
2/12/2024 19:36	42203 SHEN_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/12/2024 19:36	47001 HUGH_T2	0	0	0	0	0	0	-0.68	-0.66	0	0	0	0	0	0
2/12/2024 19:36	57401 SPAN_T1	0	1	1	0	0.2	0.2	-1.58	-1.66	2	2	0	1200	1200	0
2/12/2024 19:36	56501 ROCK_T2	12	4	-8	0.17	0.1	-0.07	-1.49	-1.5	0	0	0	0	0	0
2/12/2024 19:36	53602 DALM_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/12/2024 19:36	10805 CHHI_T2	6	13	7	1.7	3.49	1.79	-0.26	-0.24	0	0	0	0	0	0
2/12/2024 19:37	40601 PIGR_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/12/2024 19:37	16301 ALPA_T1	1	1	0	0.1	0.1	0	-0.43	-0.45	0	0	0	0	0	0
2/12/2024 19:37	59101 WALK_T2	0	0	0	0	0	0	0.99	0.94	0	0	0	0	0	0
2/12/2024 19:37	53903 HALI_T2	2	2	0	1.1	1.15	0.05	-0.18	-0.14	0	0	0	0	0	0
2/12/2024 19:38	13503 MCMI_T2	37	27	-10	0.26	0.23	-0.03	-0.78	-0.79	0	0	0	0	0	0
2/12/2024 19:38	40101 HUNT_T2	4	14	10	0.35	0.3	-0.05	-0.77	-0.75	0	0	0	0	0	0
2/12/2024 19:38	43802 SWIL_T1	0	0	0	0	0	0	-0.23	-0.23	1	1	0	600	600	0
2/12/2024 19:39	47401 PENS_T1	0	0	0	0	0	0	0.97	0.88	0	0	0	0	0	0
2/12/2024 19:39	44702 MUNC_T2	31	85	54	0.21	0.27	0.06	0	0	0	0	0	0

2/12/2024 19:46	44301 BEAV_T2	1	0	-1	0.4	0	-0.4	0.4	0.32	1	1	0	600	600	0
2/12/2024 19:46	46702 RENO_T1	16	78	62	0.15	0.21	0.06	-0.15	-0.17	0	0	0	0	0	0
2/12/2024 19:46	41901 REED_T1	10	11	1	0.51	0.5	-0.01	0	0	0	0	0	0	0	0
2/12/2024 19:46	43301 WATS_T2	0	0	0	0	0	0	-0.74	-0.71	1	1	0	900	900	0
2/12/2024 19:46	47401 PENS_T1	0	0	0	0	0	0	0.97	0.88	0	0	0	0	0	0
2/12/2024 19:46	43801 SWIL_T1	2	2	0	3.3	3.15	-0.15	0	0	0	0	0	0	0	0
2/12/2024 19:47	43303 WATS_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/12/2024 19:47	41902 REED_T1	4	1	-3	0.28	0.2	-0.08	1.16	1.1	0	0	0	0	0	0
2/12/2024 19:49	41902 REED_T1	4	1	-3	0.28	0.2	-0.08	1.16	1.1	0	0	0	0	0	0
2/12/2024 20:14	56802 BENV_T2	46	79	33	0.17	0.22	0.05	-1.43	-1.4	0	0	0	0	0	0
2/12/2024 20:40	16301 ALPA_T1	1	1	0	0.3	0.3	0	-0.46	-0.45	0	0	0	0	0	0
2/12/2024 23:53	43304 WATS_T2	0	0	0	0	0	0	-0.57	-0.55	0	0	0	0	0	0
2/13/2024 7:54	43402 BENT_T1	0	0	0	0	0	0	-0.94	-0.93	2	1	-1	1500	900	-600
2/13/2024 7:58	43402 BENT_T1	0	0	0	0	0	0	-0.94	-0.93	1	1	0	900	900	0
2/13/2024 8:01	51603 DUKE_T1	0	0	0	0	0	0	-0.01	-0.01	0	0	0	0	0	0
2/13/2024 8:07	40502 CRES_T2	0	942	942	0	0.89	0.89	-0.63	-0.23	0	0	0	0	0	0
2/13/2024 8:07	55001 NEWP_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/13/2024 8:09	55002 NEWP_T1	1	4	3	0.2	0.95	0.75	-0.24	-0.25	0	0	0	0	0	0
2/13/2024 8:09	40502 CRES_T2	0	942	942	0	0.89	0.89	-0.68	0	0	0	0	0	0	0
2/13/2024 8:09	45502 DERR_T2	0	1	1	0	0	0	0	0	0	0	0	0	0	0
2/13/2024 8:10	40502 CRES_T2	0	942	942	0	0.89	0.89	-0.23	0	0	0	0	0	0	0
2/13/2024 8:10	55001 NEWP_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/13/2024 8:11	40502 CRES_T2	0	942	942	0	0.89	0.89	-0.68	0	0	0	0	0	0	0
2/13/2024 8:11	55001 NEWP_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/13/2024 8:12	40502 CRES_T2	0	942	942	0	0.89	0.89	-0.23	0	0	0	0	0	0	0
2/13/2024 8:35	20603 GRWO_T2	2	183	181	0.1	0.65	0.55	0.38	0.46	0	0	0	0	0	0
2/13/2024 8:35	42301 MOWR_T2	1	368	367	0.9	1.07	0.17	0	0	0	0	0	0	0	0
2/13/2024 8:37	20601 GRWO_T2	0	17	17	0	0.15	0.15	0	0	0	0	0	0	0	0
2/13/2024 8:37	42301 MOWR_T2	1	368	367	0.9	1.07	0.17	0	0	0	0	0	0	0	0
2/13/2024 8:38	47101 MARL_T1	121	120	-1	0.5	0.51	0.01	-0.32	-0.27	0	0	0	0	0	0
2/13/2024 8:40	55002 NEWP_T1	1	4	3	0.3	0.48	0.18	-0.22	-0.28	0	0	0	0	0	0
2/13/2024 8:43	58401 MORO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/13/2024 8:44	47101 MARL_T1	121	120	-1	0.5	0.51	0.01	-0.32	-0.27	0	0	0	0	0	0
2/13/2024 8:45	56802 BENV_T2	81	152	71	0.22	0.76	0.54	-1.35	-1.31	0	0	0	0	0	0
2/13/2024 8:47	42301 MOWR_T2	219	572	353	1.07	0.82	-0.25	0	0	0	0	0	0	0	0
2/13/2024 8:57	13903 SEID_T1	0	0	0	0	0	0	-0.08	-0.08	1	1	0	600	600	0
2/13/2024 8:57	51601 DUKE_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/13/2024 8:58	46201 DANV_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/13/2024 8:59	47104 MARL_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/13/2024 9:00	65004 NEFF_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/13/2024 9:00	47104 MARL_T1	0	58	58	0	0	0	-0.77	-0.78	0	0	0	0	0	0
2/13/2024 9:00	60801 BUCK_T1	0	0	0	0	0	0	-0.36	-0.58	1	1	0	600	600	0
2/13/2024 9:00	40504 CRES_T1	62	57	-5	0.34	0.28	-0.06	0	0	0	0	0	0	0	0
2/13/2024 9:00	67401 WAKE_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/13/2024 9:00	46004 BERW_T2	1	0	-1	0.7	0	-0.7	-0.37	-0.41	0	0	0	0	0	0
2/13/2024 9:00	67502 WEWI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/13/2024 9:00	56802 BENV_T2	138	167	29	0.45	0.56	0.11	-1.31	-1.37	0	0	0	0	0	0
2/13/2024 9:00	43001 ALWD_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/13/2024 9:00	41901 REED_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/13/2024 9:00	42301 MOWR_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/13/2024 9:00	56503 ROCK_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/13/2024 9:01	55001 NEWP_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/13/2024 9:01	47101 MARL_T1	116	1861	1745	0.64	0.72	0.08	-0.27	-0.31	0	0	0	0	0	0
2/13/2024 9:06	57104 SPHI_T2	1	14	13	7.8	5.81	-1.99	-0.77	-0.74	1	1	0	900	900	0
2/13/2024 9:06	43402 BENT_T1	0	0	0	0	0	0	-1.54	-0.9	2	1	-1	1500	900	-600
2/13/2024 9:06	10801 CHHI_T1	0	5	5	0	0	0	-0.76	-0.81	1	1	0	900	900	0
2/13/2024 9:07	24104 EHAZ_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/13/2024 9:07	51603 DUKE_T1	0	0	0	0	0	0	-0.01	-0.01	0	0	0	0	0	0
2/13/2024 9:07	45501 DERR_T2	2	0	-2	0.15	0	-0.15	0.03	0.02	2	2	0	1800	1800	0
2/13/2024 9:08	43402 BENT_T1	0	0	0	0	0	0	-0.9	-0.89	2	1	-1	1500	900	-600
2/13/2024 9:08	58401 MORO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/13/2024 9:08	51601 DUKE_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/13/2024 9:09	46202 DANV_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/13/2024 9:13	56802 BENV_T2	138	167	29	0.45	0.56	0.11	-1.37	-1.33	0	0	0	0	0	0
2/13/2024 9:15	47101 MARL_T1	43	1722	1679	0.72	0.61	-0.11	-0.31	-0.31	0	0	0	0	0	0
2/13/2024 9:26	29402 BELT_T1	9	71	62	0.66	0.45	-0.21	0	0	0	0	0	0	0	0
2/13/2024 9:27	56802 BENV_T2	61	141	80	0.71	0.47	-0.24	-2.65	-2.72	0	0	0	0	0	0
2/13/2024 9:29	56802 BENV_T2	61	141	80	0.71	0.47	-0.24	-1.33	-1.36	0	0	0	0	0	0
2/13/2024 9:30	56802 BENV_T2	139	122	-17	0.46	0.37	-0.09	-1.33	-1.36	0	0	0	0	0	0
2/13/2024 9:31	56802 BENV_T2	139	122	-17	0.46	0.37	-0.09	-2.65	-2.72	0	0	0	0	0	0
2/13/2024 9:39	56802 BENV_T2	139	122	-17	0.46	0.37	-0.09	-1.36	-1.42	0	0	0	0	0	0
2/13/2024 9:41	53902 HALI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/13/2024 9:42	53901 HALI_T2	0	4	4	0	0	0	0	0	0	0	0	0	0	0
2/13/2024 9:43	64203 KINZ_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/13/2024 9:44	47901 HRDG_T1	2	4	2	1.4	0.2	-1.2	-0.99	-0.29	0	0	0	0	0	0
2/13/2024 9:45	43201 MVIL_T2	19	15	-4	0.94	0.74	-0.2	-1.05	-1.1	0	0	0	0	0	0
2/13/2024 9:46	13503 MCMI_T2	0	0	0	0	0	0	-0.72	-0.66	0	0	0	0	0	0
2/13/2024 9:46	43202 MVIL_T2	58	53	-5	0.52	0.34	-0.18	-0.48	-0.5	0	0	0	0	0	0
2/13/2024 9:47	43201 MVIL_T2	19	15	-4	0.94	0.74	-0.2	0	0	0	0	0	0	0	0
2/13/2024 9:48	47401 PENS_T1	0	0	0	0	0	0	0.12	0.15	0	0	0	0	0	0
2/13/2024 9:49	47402 PENS_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/13/2024 9:49	43201 MVIL_T2	19	15	-4	0.94	0.74	-0.2	0	0	0	0	0	0	0	0
2/13/2024 9:50	65604 QVIL_T2	2	3	1	0.2	0	-0.2	0.5	0	0	0	0	0	0	0
2/13/2024 9:50	47403 PENS_T1	1	0	-1	1.9	0	-1.9	0	0	0	0	0	0	0	0
2/13/2024 9:52	47402 PENS_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/13/2024 9:54	29402 BELT_T1	55	115	60	0.43	1.01	0.58	0	0	0	0	0	0	0	0
2/13/2024 9:56	11101 EGYP_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/13/2024 9:57	11103 EGYP_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/13/2024 10:02	46702 RENO_T1	1	2	1	0.1	0.2	0.1	-0.15	-0.13	0	0	0	0	0	0
2/13/2024 10:03	42903 MIDD_T2	2	27	25	0.25	0.2	-0.05	0	0	0	0	0	0	0	0
2/13/2024 10:04	43101 SMIL_T2	3	0	-3	0.8	0	-0.8	0	0	0	0	0	0	0	0
2/13/2024 10:05	42903 MIDD_T2	2	27	25	0.25	0.2	-0.05	0	0	0	0	0	0	0	0
2/13/2024 10:05	43105 SMIL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/13/2024 10:05	51603 DUKE_T1	0	0	0	0	0	0	-0.86	-0.53	0	0	0	0	0	0
2/13/2024 10:05	57401 SPAN_T1	0	0	0	0	0	0	-2.03	-2.01	2	2	0	1200	1200	0
2/13/2024 10:06	43302 WATS_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/13/2024 10:06	47402 PENS_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/13/2024 10:07	20402 ASHF_T2	0	6	6	0	0	0	0	0	0	0	0	0	0	0
2/13/2024 10:07	15001 BLMO_T1	1	1	0	0.6	0.4	-0.2	0	0	0	0	0	0	0	0
2/13/2024 10:10	43201 MVIL_T2	14	19	5	0.74	0.84	0.1	-1.1	-1.12	0	0	0	0	0	0
2/13/2024 10:12	56504 ROCK_T2	0	2	2	0	0	0	0	0	0	0	0	0	0	0
2/13/2024 10:12	40504 CRES_T1	49	0	-49	0.21	0	-0.21	-0.54	-0.75	0	0	0	0	0	0
2/13/2024 10:13	40504 CRES_T1	49	0	-49	0.21	0	-0.21	-0.54	-0.75	0	0	0	0	0	0
2/13/2024 10:13	64202 KINZ_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/13/2024 10:14	47101 MARL_T1	32	129	97	0.96	0.77	-0.19	-0.31	-0.31	0	0	0	0	0	0
2/13/2024 10:17	47104 MARL_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/13/2024 10:17	55001 NEWP_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/13/2024 10:17	59102 WALK_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/13/2024 10:17	46702 RENO_T1	0	55	55	0	0.19	0.19	-0.13	-0.15	0	0	0	0	0	0
2/13/2024 10:18	47101 MARL_T1	82	102	20	0.66	0.34	-0.32	-0.31	-0.31	0	0	0	0	0	0
2/13/2024 10:18	16401 MOPO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/13/2024 10:19	40603 PIGR_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/13/2024 10:19	40504 CRES_T1	0	34	34	0	0.13	0.13	-0.54	-0.75	0	0	0	0	0	0
2/13/2024 10:20	43201 MVIL_T2	0	31	31	0	0.76	0.76	-1.1	-1.12	0	0	0	0	0	0
2/13/2024 10:21	67503 WEWI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/13/2024 10:22	29402 BELT_T1	114	103	-11	1.01	0.66	-0.35	0	0	0	0	0	0	0	0
2/13/2024 10:22	57401 SPAN_T1	0	0	0	0	0	0	-2.01	-1.16	2	2	0	1200	1200	0
2/13/2024 10:22	43001 ALWD_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/13/2024 10:23	66503 SMAN_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/13/2024 10:23	29402 BELT_T1	114	103	-11	1.01	0.66	-0.35	0	0	0	0	0	0	0	0
2/13/2024 10:23	53901 HALI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/13/2024 10:24	67502 WEWI_T2	0	0	0	0	0	0	-1.02	-1	1	1	0	900	900	0
2/13/2024 10:25	67503 WEWI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/13/2024 10:26	46202 DANV_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/13/2024 10:26	66505 SMAN_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/13/2024 10:26	56802 BENV_T2	149	142	-7	0.64	0.48	-0.16	-1.43	-1.37	0	0	0	0	0	0
2/13/2024 10:27	40603 PIGR_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/13/2024 10:27	56802 BENV_T2	149	142	-7	0.64	0.48	-0.16	-1.43	-1.37	0	0	0	0	0	0
2/13/2024 10:28	41001 LAUR_T2	3	42	39	0.1	0.19	0.09	0	0	0	0	0	0	0	0
2/13/2024 10:30	56802 BENV_T2	138	138	0	0.47	0.46	-0.01	-1.43	-1.37	0	0	0	0	0	0
2/13/2024 10:31	59001 MIFF_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/13/2024 10:31	55001 NEWP_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/13/2024 10:34	47402 PENS_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/13/2024 10:35	47401 PENS_T1	0	0	0	0	0	0	0.1	0.16	0	0	0	0	0	0
2/13/2024 10:35	67503 WEWI_T2	0	0	0	0	0	0	0.07	0.04	0	0	0	0	0	0
2/13/2024 10:37	59101 WALK_T2	0	0	0	0	0	0	0	0	1	1	0	600	600	0
2/13/2024 10:37	64101 REFR_T1	0	0	0	0	0	0	-0.12	-0.1	0	0	0	0	0	0
2/13/2024 10:38	67503 WEWI_T2	0	0	0	0	0	0	0.04	0	0	0	0	0	0	0
2/13/2024 10:40	62607 ENGL_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/13/2024 10:42	62605 ENGL_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/13/2024 10:42	40601 PIGR_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/13/2024 10:42	41601 CLEV_T1	0	1	1	0	0	0	0	0	0	0	0	0	0	0
2/13/2024 10:43	62607 ENGL_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/13/2024 10:46	20601 GRWO_T2	1	0	-1	3.6	0	-3.6	0	0	0	0	0	0	0	0
2/13/2024 10:47	14403 SSLA_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/13/2024 10:48	40603 PIGR_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/13/2024 10:48	14401 SSLA_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/13/2024 10:48	15001 BLMO_T1	4	0	-4	0.38	0	-0.38	0	0	0	0	0	0	0	0
2/13/2024 10:49	60604 NCOL_T2	0	0	0	0	0	0	0.28	0.21	0	0	0	0	0	0
2/13/2024 10:49	60602 NCOL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/13/2024 10:52	47102 MARL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/13/2024 10:53	10801 CHHI_T1	0	0	0	0	0	0	-0.82	-0.82	1	1	0	900	900	0
2/13/2024 10:54	43001 ALWD_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/13/2024 10:54	46003 BERW_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/13/2024 10:55	20603 GRWO_T2	0	191	191	0	0.56	0.56	0.48	0.47	0	0	0	0	0	0
2/13/2024 10:55	56803 BENV_T1	0	1	1	0	0	0	0	0	0	0	0	0	0	0
2/13/2024 10:55	53901 HALI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/13/2024 10:56	20602 GRWO_T2	0	12	12	0	0.17	0.17	0	0	0	0	0	0	0	0
2/13/2024 10:57	23902 EFMO_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/13/2024 10:58	20601 GRWO_T2	1	0	-1	3.6	0	-3.6	0	0	0	0	0	0	0	0
2/13/2024 10:59	45702 LIND_T2	0	1	1	0	0.9	0.9	-0.43	-0.55	0	0	0	0	0	0
2/13/2024 10:59	64101 REFR_T1	0	0	0	0	0	0	-0.14	-0.13	0	0	0	0	0	0
2/13/2024 10:59	43001 ALWD_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/13/2024 11:00	47104 MARL_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/13/2024 11:00	53903 HALI_T2	0	0	0	0	0	0	-0.28	-0.24	0	0	0	0	0	0
2/13/2024 11:00	13903 SEID_T1	0	10	10	0	0.3	0.3	-0.07	0.54	1	0	-1	600	0	-600
2/13/2024 11:01	52002 LING_T2	1	1	0	2.5	2.5	0	-0.52	-0.58	0	0	0	0	0	0
2/13/2024 11:03	67002 STHI_T2	11	21	10	0.13	0.12	-0.01	1.3	1.34	0	0	0	0	0	0
2/13/2024 11:03	54602 SUMM_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/13/2024 11:04	67001 STHI_T2	31	102	71	0.13	0.12	-0.01	0	0	0	0	0	0	0	0
2/13/2024 11:04	57304 MOAL_T2	3	0	-3	0.17	0	-0.17	-0.29	-0.31	0	0	0	0	0	0
2/13/2024 11:04	65001 NEFF_T2	0	0	0	0	0	0	-0.65	-0.57	1	1	0	1200	1200	0
2/13/2024 11:05	66701 STRA_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/13/2024 11:05	54601 SUMM_T2	2	2	0	0.35	0.45	0.1	-1.86	-1.87	2	2	0	2100	2100	0
2/13/2024 11:05	13901 SEID_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/13/2024 11:05	54206 PENN_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/13/2024 11:05	67002 STHI_T2	11	21	10	0.13	0.12	-0.01	0.65	0.67	0	0	0	0	0	0
2/13/2024 11:05	44601 SALE_T2	0	0	0	0	0	0	0.53	0.65	1	1	0	600	600	0
2/13/2024 11:07	57403 SPAN_T1	0	46	46	0	0	0	0	0	0	0	0	0	0	0
2/13/2024 11:08	67502 WEWI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/13/2024 11:08	67201 TEHI_T1	1	1	0	0.1	0	-0.1	0	0	0	0	0	0	0	0
2/13/2024 11:08	40603 PIGR_T1	0	0

2/13/2024 11:35	43001 ALWD_T1	1	10	9	0.1	0.15	0.05	0	0	0	0	0	0	0	0
2/13/2024 11:36	67002 STHI_T2	20	49	29	0.13	0.16	0.03	1.32	1.28	0	0	0	0	0	0
2/13/2024 11:36	46002 BERW_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/13/2024 11:36	43001 ALWD_T1	1	10	9	0.1	0.15	0.05	0	0	0	0	0	0	0	0
2/13/2024 11:36	59201 THOM_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/13/2024 11:37	20402 ASHF_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/13/2024 11:37	46002 BERW_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/13/2024 11:37	17802 GILB_T1	0	0	0	0	0	0	0.17	0.15	0	0	0	0	0	0
2/13/2024 11:37	54202 PENN_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/13/2024 11:38	20601 GRWD_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/13/2024 11:38	17802 GILB_T1	0	0	0	0	0	0	0.15	0.15	0	0	0	0	0	0
2/13/2024 11:38	64101 REFR_T1	0	0	0	0	0	0	-0.1	0.01	0	0	0	0	0	0
2/13/2024 11:39	43304 WATS_T2	0	1	1	0	0	0	0	0	0	0	0	0	0	0
2/13/2024 11:39	64101 REFR_T1	0	0	0	0	0	0	-0.1	0.01	0	0	0	0	0	0
2/13/2024 11:39	67002 STHI_T2	20	49	29	0.13	0.16	0.03	1.28	1.32	0	0	0	0	0	0
2/13/2024 11:40	43304 WATS_T2	0	1	1	0	0	0	-0.3	-0.32	0	0	0	0	0	0
2/13/2024 11:40	17801 GILB_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/13/2024 11:40	10805 CHHI_T2	7	7	0	2.33	7.5	5.17	-0.47	-0.5	0	0	0	0	0	0
2/13/2024 11:41	46003 BERW_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/13/2024 11:41	49804 UNIV_T1	4	1	-3	1.23	0.1	-1.13	0.56	0.53	0	0	0	0	0	0
2/13/2024 11:41	43001 ALWD_T1	1	10	9	0.1	0.15	0.05	0	0	0	0	0	0	0	0
2/13/2024 11:44	43303 WATS_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/13/2024 11:44	43303 WATS_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/13/2024 11:46	54206 PENN_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/13/2024 11:48	16401 MOPO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/13/2024 11:49	64101 REFR_T1	0	0	0	0	0	0	-0.1	0.01	0	0	0	0	0	0
2/13/2024 11:49	42901 MIDD_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/13/2024 11:49	17801 GILB_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/13/2024 11:50	17802 GILB_T1	0	1	1	0	0.1	0.1	0.15	0.15	0	0	0	0	0	0
2/13/2024 11:50	47403 PENS_T1	1	1	0	1.8	0.2	-1.6	0	0	0	0	0	0	0	0
2/13/2024 11:50	64702 LITI_T2	0	0	0	0	0	0	-0.86	-0.85	0	0	0	0	0	0
2/13/2024 11:50	65601 QVIL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/13/2024 11:50	42901 MIDD_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/13/2024 11:51	47402 PENS_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/13/2024 11:51	17802 GILB_T1	0	1	1	0	0.1	0.1	0.15	0.15	0	0	0	0	0	0
2/13/2024 11:51	64703 LITI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/13/2024 11:51	49804 UNIV_T1	0	1	1	0	0.1	0.1	0.56	0.53	0	0	0	0	0	0
2/13/2024 11:51	41001 LAUR_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/13/2024 11:52	64101 REFR_T1	0	0	0	0	0	0	-0.1	0.01	0	0	0	0	0	0
2/13/2024 11:53	47401 PENS_T1	5	1	-4	0.18	0.1	-0.08	0.02	0.07	0	0	0	0	0	0
2/13/2024 11:53	51302 WIND_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/13/2024 11:55	42201 SHEN_T2	0	0	0	0	0	0	0.43	0.44	0	0	0	0	0	0
2/13/2024 11:58	53903 HALI_T2	0	0	0	0	0	0	-0.23	-0.29	0	0	0	0	0	0
2/13/2024 11:59	17801 GILB_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/13/2024 12:00	47401 PENS_T1	0	19	19	0	0.17	0.17	0.02	0.07	0	0	0	0	0	0
2/13/2024 12:01	54206 PENN_T2	0	2	2	0	0.1	0.1	0	0	0	0	0	0	0	0
2/13/2024 12:01	17801 GILB_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/13/2024 12:02	17802 GILB_T1	0	2	2	0	0.6	0.6	0.15	0.03	0	0	0	0	0	0
2/13/2024 12:02	65801 RTWN_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/13/2024 12:04	17002 RIRO_T2	0	0	0	0	0	0	0.6	0.58	0	0	0	0	0	0
2/13/2024 12:06	65602 QVIL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/13/2024 12:06	65801 RTWN_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/13/2024 12:07	44201 POIN_T1	0	0	0	0	0	0	-4.79	-2.81	4	2	-2	4200	1800	-2400
2/13/2024 12:08	59202 THOM_T1	0	3	3	0	0.2	0.2	0	0	0	0	0	0	0	0
2/13/2024 12:10	44201 POIN_T1	0	0	0	0	0	0	-2.81	-3.09	2	2	0	1800	1800	0
2/13/2024 12:12	58003 WCAR_T1	1	1	0	1.1	1.1	0.1	0	0	1	1	0	600	600	0
2/13/2024 12:12	41801 GOCI_T2	171	184	13	0.9	1.88	0.98	0	0	0	0	0	0	0	0
2/13/2024 12:13	17801 GILB_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/13/2024 12:13	58001 WCAR_T1	4	4	0	1.05	1.33	0.28	0	0	0	0	0	0	0	0
2/13/2024 12:15	17801 GILB_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/13/2024 12:16	53803 MBRG_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/13/2024 12:16	43304 WATS_T2	0	0	0	0	0	0	-0.26	-0.26	0	0	0	0	0	0
2/13/2024 12:16	53901 HALI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/13/2024 12:16	63204 MGTN_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/13/2024 12:17	17801 GILB_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/13/2024 12:17	41002 LAUR_T2	4	4	0	0.75	0.63	-0.12	-1	-1	0	0	0	0	0	0
2/13/2024 12:18	57401 SPAN_T1	0	1	1	0	0.2	0.2	-0.97	-1.04	1	1	0	600	600	0
2/13/2024 12:19	64101 REFR_T1	0	0	0	0	0	0	-0.02	-0.01	0	0	0	0	0	0
2/13/2024 12:21	64101 REFR_T1	0	0	0	0	0	0	-0.02	-0.01	0	0	0	0	0	0
2/13/2024 12:29	64203 KINZ_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/13/2024 12:34	41802 GOCI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/13/2024 12:37	16301 ALPA_T1	1	1	0	0.1	0.2	0.1	-0.38	-0.38	0	0	0	0	0	0
2/13/2024 12:38	49804 UNIV_T1	1	1	0	0.2	0.4	0.2	0.47	0.44	0	0	0	0	0	0
2/13/2024 12:38	10707 CATA_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/13/2024 12:39	16301 ALPA_T1	1	1	0	0.1	0.2	0.1	-0.38	-0.38	0	0	0	0	0	0
2/13/2024 12:52	41802 GOCI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/13/2024 12:53	47103 MARL_T2	346	342	-4	0.55	0.52	-0.03	0	0	0	0	0	0	0	0
2/13/2024 12:54	41801 GOCI_T2	184	184	0	1.49	1.39	-0.1	0	0	0	0	0	0	0	0
2/13/2024 12:54	47101 MARL_T1	320	324	4	0.65	0.74	0.09	-0.32	-0.26	0	0	0	0	0	0
2/13/2024 12:56	64101 REFR_T1	0	0	0	0	0	0	-0.04	-0.01	0	0	0	0	0	0
2/13/2024 12:56	47101 MARL_T1	320	324	4	0.65	0.74	0.09	-0.32	-0.26	0	0	0	0	0	0
2/13/2024 12:57	43304 WATS_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/13/2024 12:57	64101 REFR_T1	0	0	0	0	0	0	-0.04	-0.01	0	0	0	0	0	0
2/13/2024 12:57	47103 MARL_T2	346	342	-4	0.55	0.52	-0.03	0	0	0	0	0	0	0	0
2/13/2024 12:59	43303 WATS_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/13/2024 12:59	43302 WATS_T2	0	3	3	0	0.13	0.13	0	0	0	0	0	0	0	0
2/13/2024 13:03	43304 WATS_T2	0	0	0	0	0	0	-0.26	-0.27	0	0	0	0	0	0
2/13/2024 13:03	43304 WATS_T2	0	0	0	0	0	0	-0.26	-0.27	0	0	0	0	0	0
2/13/2024 13:03	10701 CATA_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/13/2024 13:04	10805 CHHI_T2	1	1	0	7	6.9	-0.1	-1.09	-1.08	0	0	0	0	0	0
2/13/2024 13:09	42903 MIDD_T2	2	2	0	0.8	1	0.2	0	0	0	0	0	0	0	0
2/13/2024 13:11	47403 PENS_T1	1	1	0	2.1	2.2	0.1	0	0	0	0	0	0	0	0
2/13/2024 13:11	47101 MARL_T1	297	263	-34	0.75	0.83	0.08	-0.26	-0.33	0	0	0	0	0	0
2/13/2024 13:13	47401 PENS_T1	0	0	0	0	0	0	-0.03	-0.07	0	0	0	0	0	0
2/13/2024 13:14	47402 PENS_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/13/2024 13:14	42902 MIDD_T2	203	204	1	5.53	5.16	-0.37	0.38	0.44	0	0	0	0	0	0
2/13/2024 13:18	54504 ENOL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/13/2024 13:19	54502 ENOL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/13/2024 13:20	54502 ENOL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/13/2024 13:22	54505 ENOL_T2	1	1	0	1	0.8	-0.2	0	0	0	0	0	0	0	0
2/13/2024 13:25	12502 MITR_T2	1	1	0	6.5	6.6	0.1	-1.02	-0.97	1	1	0	600	600	0
2/13/2024 13:26	60501 NMAN_T2	3	7	4	5	2.26	-2.74	0	0	0	0	0	0	0	0
2/13/2024 13:30	54506 ENOL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/13/2024 13:31	43001 ALWD_T1	7	14	7	0.2	0.21	0.01	0	0	0	0	0	0	0	0
2/13/2024 13:37	41802 GOCI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/13/2024 13:38	63803 HEMP_T1	140	186	46	0.2	0.21	0.01	0	0	0	0	0	0	0	0
2/13/2024 13:45	43301 WATS_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/13/2024 13:48	13905 SEID_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/13/2024 13:50	47001 HUGH_T2	0	1	1	0	0.1	0.1	-0.72	-0.7	0	0	0	0	0	0
2/13/2024 13:51	47002 HUGH_T2	2	2	0	0.1	0.1	0	0	0	0	0	0	0	0	0
2/13/2024 13:52	53903 HALI_T2	0	0	0	0	0	0	-0.31	-0.29	0	0	0	0	0	0
2/13/2024 13:55	53803 MBRG_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/13/2024 13:55	58402 MORO_T1	0	0	0	0	0	0	-0.24	-0.27	2	2	0	1500	1500	0
2/13/2024 13:56	47402 PENS_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/13/2024 13:59	51303 WIND_T1	0	0	0	0	0	0	-0.02	-0.03	0	0	0	0	0	0
2/13/2024 14:00	17002 RIRO_T2	0	0	0	0	0	0	0.51	0.51	0	0	0	0	0	0
2/13/2024 14:04	53902 HALI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/13/2024 14:07	53901 HALI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/13/2024 14:07	64702 LITI_T2	0	0	0	0	0	0	-1.73	-1.71	0	0	0	0	0	0
2/13/2024 14:09	64801 MONE_T2	3	3	0	0.37	0.33	-0.04	-0.22	-0.27	0	0	0	0	0	0
2/13/2024 14:10	17002 RIRO_T2	0	0	0	0	0	0	0.51	0.5	0	0	0	0	0	0
2/13/2024 14:11	47403 PENS_T1	0	2	2	0	0.25	0.25	0	0	0	0	0	0	0	0
2/13/2024 14:12	42903 MIDD_T2	2	2	0	0.9	1.25	0.35	0	0	0	0	0	0	0	0
2/13/2024 14:12	47403 PENS_T1	0	2	2	0	0.25	0.25	0	0	0	0	0	0	0	0
2/13/2024 14:13	47401 PENS_T1	4	0	-4	0.15	0	-0.15	-0.03	-0.06	0	0	0	0	0	0
2/13/2024 14:13	67001 STHI_T2	471	342	-129	0.23	0.16	-0.07	0	0	0	0	0	0	0	0
2/13/2024 14:14	67002 STHI_T2	110	53	-57	0.17	0.16	-0.01	0	0	0	0	0	0	0	0
2/13/2024 14:15	67001 STHI_T2	236	423	187	0.15	0.21	0.06	0.11	0.1	0	0	0	0	0	0
2/13/2024 14:15	67002 STHI_T2	35	67	32	0.16	0.18	0.02	0.63	0.61	0	0	0	0	0	0
2/13/2024 14:16	67001 STHI_T2	236	423	187	0.15	0.21	0.06	0	0	0	0	0	0	0	0
2/13/2024 14:16	27502 WEIS_T2	0	0	0	0	0	0	-0.46	-0.47	0	0	0	0	0	0
2/13/2024 14:17	20403 ASHF_T2	1	1	0	0.5	0.2	-0.3	0	0	0	0	0	0	0	0
2/13/2024 14:18	46205 DANV_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/13/2024 14:18	43001 ALWD_T1	11	13	2	0.18	0.31	0.13	0	0	0	0	0	0	0	0
2/13/2024 14:19	46201 DANV_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/13/2024 14:19	41801 GOCI_T2	181	183	2	1.48	1.29	-0.19	0	0	0	0	0	0	0	0
2/13/2024 14:20	53903 HALI_T2	0	0	0	0	0	0	-0.3	-0.29	0	0	0	0	0	0
2/13/2024 14:20	53501 EVIL_T2	2	2	0	0.7	0.65	-0.05	-0.3	-0.26	0	0	0	0	0	0
2/13/2024 14:20	46204 DANV_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/13/2024 14:21	46204 DANV_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/13/2024 14:23	64702 LITI_T2	0	0	0	0	0	0	-1.53	-1.67	0	0	0	0	0	0
2/13/2024 14:23	65001 NEFP_T2	0	4	4	0	0.1	0.1	-0.71	-0.73	1	1	0	1200	1200	0
2/13/2024 14:23	59102 WALK_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/13/2024 14:23	53903 HALI_T2	0	0	0	0	0	0	-0.29	-0.3	0	0	0	0	0	0
2/13/2024 14:23	43001 ALWD_T1	11	13	2	0.18	0.31	0.13	0	0	0	0	0	0	0	0
2/13/2024 14:23	26402 INOR_T1	0	1	1	0	0.4	0.4	0	0	0	0	0	0	0	0
2/13/2024 14:24	59102 WALK_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/13/2024 14:25	16402 MOPO_T1	0	0	0	0	0	0	0.14	0.03	0	0	0	0	0	0
2/13/2024 14:27	47402 PENS_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/13/2024 14:27	42901 MIDD_T2	0	3	3	0	0	0	0	0	0	0	0	0	0	0
2/13/2024 14:27	67001 STHI_T2	236	423	187	0.15	0.21	0.06	0	0	0	0	0	0	0	0
2/13/2024 14:27	59102 WALK_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/13/2024 14:28	59102 WALK_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/13/2024 14:28	42903 MIDD_T2	2	2	0	0.95	1.4	0.45	0	0	0	0	0	0	0	0
2/13/2024 14:29	47403 PENS_T1	1	2	1	0.1	0.25	0.15	0	0	0	0	0	0	0	0
2/13/2024 14:29	67002 STHI_T2	35	67	32	0.16	0.18	0.02	0.61	0.61	0	0	0	0	0	0
2/13/2024 14:29	43001 ALWD_T1	11	13	2	0.18	0.31	0.13	0	0	0	0	0	0	0	0
2/13/2024 14:30	20603 GRWD_T2	166	289	123	0.51	0.48	-0.03	0	0	0	0	0	0	0	0
2/13/2024 14:31	46203 DANV_T2	2	5	3	0.2	0.56	0.36	0	0	0	0	0	0	0	0
2/13/2024 14:31	67002 STHI_T2	44	120	76	0.17	0.18	0.01	0.61	0.61	0	0	0	0	0	0
2/13/2024 14:32	27502 WEIS_T2	0	0	0	0	0	0	-0.47	-0.49	0	0	0	0	0	0
2/13/2024 14:32	43302 WATS_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/13/2024 14:32	43304 WATS_T2	0	0	0	0	0	0	-0.43	-0.36	0	0	0	0	0	0
2/13/2024 14:34	46201 DANV_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/13/2024 14:34	46203 DANV_T2	2	5	3	0.2	0.56	0.36	0.03	0.03	0	0	0	0	0	0
2/13/2024 14:34	41802 GOCI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/13/2024 14:34	43001 ALWD_T1	13	15	2	0.28	0.27	-0.01	0	0	0	0	0	0	0	0
2/13/2024 14:35	46201 DANV_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/13/2024 14:35	53901 HALI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/13/2024 14:35	10805 CHHI_T2	1	1	0	7.2	6.9	-0.3	-0.47	-0.56	0	0	0	0	0	0
2/13/2024 14:35	41801 GOCI_T2	180	178	-2	1.29	1.23	-0.06	0	0	0	0	0	0	0	0
2/13/2024 14:37	59101 WALK_T2	0	1	1	0	0.2	0.2	0.1	0.04	1	1	0	600	600	0
2/13/2024 14:37	57306 MOAL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/13/2024 14:38	47401 PENS_T1	0	0	0	0	0	0	-0.07	-0.06	0	0	0	0	0	0
2/13/2024 14:39	53902 HALI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/13/2024 14:39	59101 WALK_T2	0	1	1	0	0.2	0.2	0.04	0	1	1	0	600	600	0
2/13/2024 14:39	64204 KINZ_T1	1	1	0	0.5	0.7	0.2	0	0	0	0	0	0	0	0
2/13/2024 14:39	55001 NEWP_T1	0	1	1	0	0.1	0.1	0.25	0.24	0	0	0	0	0	0
2/13/2024 14:39	43001 ALWD_T1	13	15	2	0.28	0.27	-0.01	0	0	0	0	0	0	0	0
2/13/2024 14:39	28801 LAKE_T1	23	23	0	0.17	0.19	0.02	0	0	0	0	0	0	0	0
2/13/2024 14:39	55002 NEWP_T1	4	4	0	1.3	1.73	0.43	-0.3	-0.3	0	0	0	0	0	0
2/13/2024 14:41	16401 MOPO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0

2/13/2024 15:03	27503 WEIS_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/13/2024 15:03	15704 TANN_T1	0	0	0	0	0	0	-1.12	-1.1	0	0	0	0	0	0
2/13/2024 15:05	16302 ALPA_T2	0	0	0	0	0	0	1.21	1.22	0	0	0	0	0	0
2/13/2024 15:05	54503 ENOL_T2	0	0	0	0	0	0	-3.96	-3.9	2	2	0	1200	1200	0
2/13/2024 15:05	47203 FAXO_T2	0	1	1	0	0	0	-0.39	-0.38	0	0	0	0	0	0
2/13/2024 15:05	67401 WAKE_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/13/2024 15:05	43001 ALWD_T1	14	18	4	0.25	0.37	0.12	0	0	0	0	0	0	0	0
2/13/2024 15:07	54506 ENOL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/13/2024 15:07	64204 KINZ_T1	1	1	0	0.5	1.1	0.6	0	0	0	0	0	0	0	0
2/13/2024 15:08	64204 KINZ_T1	1	1	0	0.5	1.1	0.6	0	0	0	0	0	0	0	0
2/13/2024 15:10	64702 LITI_T2	0	0	0	0	0	0	-0.83	-0.82	0	0	0	0	0	0
2/13/2024 15:10	12503 MITR_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/13/2024 15:10	59101 WALK_T2	0	0	0	0	0	0	0.11	0.04	0	0	0	0	0	0
2/13/2024 15:11	64702 LITI_T2	0	0	0	0	0	0	-0.83	-0.82	0	0	0	0	0	0
2/13/2024 15:11	59101 WALK_T2	0	0	0	0	0	0	0.11	0.04	0	0	0	0	0	0
2/13/2024 15:14	43301 WATS_T2	0	0	0	0	0	0	0.31	-0.72	0	1	1	0	900	900
2/13/2024 15:15	67402 WAKE_T2	0	0	0	0	0	0	-0.41	-0.4	1	1	0	600	600	0
2/13/2024 15:16	67503 WEWI_T2	0	0	0	0	0	0	-0.21	-0.1	0	0	0	0	0	0
2/13/2024 15:16	46701 RENO_T1	140	56	-84	0.38	0.32	-0.06	0	0	0	0	0	0	0	0
2/13/2024 15:16	43001 ALWD_T1	17	16	-1	0.34	0.38	0.04	0	0	0	0	0	0	0	0
2/13/2024 15:17	43302 WATS_T2	0	4	4	0	0.33	0.33	0	0	0	0	0	0	0	0
2/13/2024 15:19	45601 WOOL_T1	0	0	0	0	0	0	-0.06	-0.14	1	1	0	1200	1200	0
2/13/2024 15:20	54502 ENOL_T2	0	0	0	0	0	0	-1.16	-1.16	1	1	0	600	600	0
2/13/2024 15:20	67401 WAKE_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/13/2024 15:20	54503 ENOL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/13/2024 15:20	43301 WATS_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/13/2024 15:20	15001 BLMO_T1	0	1	1	0	0.1	0.1	0	0	0	0	0	0	0	0
2/13/2024 15:21	54504 ENOL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/13/2024 15:21	43001 ALWD_T1	17	16	-1	0.34	0.38	0.04	0	0	0	0	0	0	0	0
2/13/2024 15:21	54502 ENOL_T2	0	0	0	0	0	0	-2.32	-2.31	2	2	0	1200	1200	0
2/13/2024 15:26	46803 HEPB_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/13/2024 15:26	43001 ALWD_T1	17	16	-1	0.34	0.38	0.04	0	0	0	0	0	0	0	0
2/13/2024 15:28	60701 BREC_T1	0	13	13	0	0.14	0.14	-0.51	-0.53	1	1	0	600	600	0
2/13/2024 15:31	26402 INOR_T1	6	6	0	0.23	0.25	0.02	0	0	0	0	0	0	0	0
2/13/2024 15:31	43001 ALWD_T1	15	15	0	0.35	0.39	0.04	0	0	0	0	0	0	0	0
2/13/2024 15:32	26402 INOR_T1	6	6	0	0.23	0.25	0.02	-2.12	-2.17	2	2	0	1200	1200	0
2/13/2024 15:32	60701 BREC_T1	0	13	13	0	0.14	0.14	-1.02	-1.07	2	2	0	1200	1200	0
2/13/2024 15:33	42901 MIDD_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/13/2024 15:34	43001 ALWD_T1	15	15	0	0.35	0.39	0.04	0	0	0	0	0	0	0	0
2/13/2024 15:36	42001 MNVL_T2	0	0	0	0	0	0	0.05	0.08	0	0	0	0	0	0
2/13/2024 15:36	60701 BREC_T1	0	13	13	0	0.14	0.14	-0.51	-0.53	1	1	0	600	600	0
2/13/2024 15:38	46702 RENO_T1	14	25	11	0.14	0.17	0.03	-0.15	-0.14	0	0	0	0	0	0
2/13/2024 15:38	67604 WARW_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/13/2024 15:41	67402 WAKE_T2	0	0	0	0	0	0	-0.41	-0.39	1	1	0	600	600	0
2/13/2024 15:41	67603 WARW_T1	0	0	0	0	0	0	0.02	0	0	0	0	0	0	0
2/13/2024 15:42	60701 BREC_T1	0	13	13	0	0.14	0.14	-0.53	-0.54	1	1	0	600	600	0
2/13/2024 15:42	43001 ALWD_T1	15	15	0	0.35	0.39	0.04	0	0	0	0	0	0	0	0
2/13/2024 15:43	62601 ENGL_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/13/2024 15:43	60701 BREC_T1	0	13	13	0	0.14	0.14	-1.07	-1.09	2	2	0	1200	1200	0
2/13/2024 15:44	62607 ENGL_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/13/2024 15:45	46204 DANV_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/13/2024 15:46	62604 ENGL_T1	0	0	0	0	0	0	-0.41	-0.46	1	1	0	600	600	0
2/13/2024 15:47	60701 BREC_T1	13	0	-13	0.14	0	-0.14	-0.53	-0.54	1	1	0	600	600	0
2/13/2024 15:47	67401 WAKE_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/13/2024 15:47	43001 ALWD_T1	15	20	5	0.39	0.3	-0.09	0	0	0	0	0	0	0	0
2/13/2024 15:52	60501 NMAN_T2	3	3	0	4.17	4.97	0.8	0	0	0	0	0	0	0	0
2/13/2024 15:53	46702 RENO_T1	15	67	52	0.14	0.2	0.06	-0.14	-0.14	0	0	0	0	0	0
2/13/2024 15:53	64101 REFR_T1	0	0	0	0	0	0	-0.04	-0.04	0	0	0	0	0	0
2/13/2024 15:56	64101 REFR_T1	0	0	0	0	0	0	-0.04	-0.04	0	0	0	0	0	0
2/13/2024 15:57	67402 WAKE_T2	0	0	0	0	0	0	-0.39	-0.37	1	1	0	600	600	0
2/13/2024 16:02	67401 WAKE_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/13/2024 16:07	13503 MCMI_T2	0	46	46	0	0.29	0.29	-0.82	-0.79	0	0	0	0	0	0
2/13/2024 16:08	20603 GRWO_T2	407	440	33	5.92	0.99	-4.93	0.39	0.38	0	0	0	0	0	0
2/13/2024 16:10	42202 SHEN_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/13/2024 16:11	49803 UNIV_T1	0	0	0	0	0	0	-1.18	-1.1	0	0	0	0	0	0
2/13/2024 16:11	56802 BENV_T2	3	2	-1	0.43	0.65	0.22	-1.37	-1.37	0	0	0	0	0	0
2/13/2024 16:13	67401 WAKE_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/13/2024 16:15	56802 BENV_T2	2	29	27	0.65	0.17	-0.48	-1.37	-1.37	0	0	0	0	0	0
2/13/2024 16:18	67402 WAKE_T2	0	0	0	0	0	0	-0.37	-0.37	1	1	0	600	600	0
2/13/2024 16:21	59402 RFLD_T2	0	0	0	0	0	0	-0.77	-0.81	1	1	0	450	450	0
2/13/2024 16:27	59201 THOM_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/13/2024 16:43	49803 UNIV_T1	0	0	0	0	0	0	-1.1	-1.1	0	0	0	0	0	0
2/13/2024 16:52	13904 SEID_T1	0	19	19	0	0	0	0	0	0	0	0	0	0	0
2/13/2024 16:55	67401 WAKE_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/13/2024 17:00	67401 WAKE_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/13/2024 17:08	13904 SEID_T1	0	19	19	0	0.2	0.2	0	0	0	0	0	0	0	0
2/13/2024 17:11	67402 WAKE_T2	0	0	0	0	0	0	-0.39	-0.33	1	1	0	600	600	0
2/13/2024 17:16	67401 WAKE_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/13/2024 17:23	13903 SEID_T1	0	0	0	0	0	0	-0.08	-0.08	0	1	1	0	600	600
2/13/2024 17:25	49804 UNIV_T1	1	0	-1	0.2	0	-0.2	0	0	0	0	0	0	0	0
2/13/2024 17:32	16302 ALPA_T2	0	0	0	0	0	0	0.6	0.68	0	0	0	0	0	0
2/13/2024 17:55	13904 SEID_T1	17	35	18	0.4	0.56	0.16	0	0	0	0	0	0	0	0
2/13/2024 18:16	56501 ROCK_T2	1	2	1	0.9	0.65	-0.25	-1.39	-1.37	0	0	0	0	0	0
2/13/2024 18:16	40101 HUNT_T2	557	612	55	1.66	1.87	0.21	-0.36	-0.38	0	0	0	0	0	0
2/13/2024 18:21	12704 MACU_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/13/2024 18:35	29401 BELT_T1	59	55	-4	0.29	0.35	0.06	0	0	1	1	0	900	900	0
2/13/2024 18:39	40602 PGR_T1	0	0	0	0	0	0	-0.51	-0.52	0	0	0	0	0	0
2/13/2024 18:40	67503 WEWI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/13/2024 18:46	29401 BELT_T1	49	62	13	0.35	0.37	0.02	0	0	1	1	0	900	900	0
2/13/2024 18:55	56801 BENV_T1	8	35	27	0.31	0.35	0.04	-0.66	-0.67	1	1	0	600	600	0
2/13/2024 19:23	28805 LAKE_T1	7	3	-4	0.19	0.13	-0.06	-0.2	-0.2	0	0	0	0	0	0
2/13/2024 19:24	64204 KINZ_T1	1	1	0	0.5	1.1	0.6	0	0	0	0	0	0	0	0
2/13/2024 19:25	49804 UNIV_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/13/2024 19:26	47403 PENS_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/13/2024 19:27	28702 HAML_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/13/2024 19:27	56802 BENV_T2	61	56	-5	0.2	0.18	-0.02	-1.24	-1.26	0	0	0	0	0	0
2/13/2024 19:27	17002 RIRO_T2	26	10	-16	0.17	0.14	-0.03	0.44	0.38	0	0	0	0	0	0
2/13/2024 19:28	44201 POIN_T1	30	0	-30	0	0	0	-1.5	-1.56	1	1	0	900	900	0
2/13/2024 19:28	29402 BELT_T1	30	47	17	0.45	0.5	0.05	0	0	0	0	0	0	0	0
2/13/2024 19:29	41601 CLEV_T1	11	0	-11	0.2	0	-0.2	0	0	0	0	0	0	0	0
2/13/2024 19:30	16401 MOPO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/13/2024 19:30	46302 ROHR_T1	4	6	2	1.43	1	-0.43	0.52	0.48	0	0	0	0	0	0
2/13/2024 19:31	26402 INOR_T1	1	15	14	0.2	0.19	-0.01	-1.05	-1.09	1	1	0	600	600	0
2/13/2024 19:31	45601 WOOL_T1	0	1	1	0	0	0	-0.31	-0.36	1	1	0	1200	1200	0
2/13/2024 19:31	54202 PENN_T2	0	0	0	0	0	0	0.6	0.56	0	0	0	0	0	0
2/13/2024 19:32	43202 MVIL_T2	0	0	0	0	0	0	-0.63	-0.63	0	0	0	0	0	0
2/13/2024 19:32	29402 BELT_T1	33	79	46	0.45	0.51	0.06	0	0	0	0	0	0	0	0
2/13/2024 19:32	42002 MNVL_T2	1	1	0	5.5	5.3	-0.2	0	0	0	0	0	0	0	0
2/13/2024 19:33	11103 EGYP_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/13/2024 19:33	46004 BERW_T2	1	0	-1	0.2	0	-0.2	-0.46	-0.49	0	0	0	0	0	0
2/13/2024 19:33	64203 KINZ_T1	0	0	0	0	0	0	-0.4	-0.42	1	1	0	600	600	0
2/13/2024 19:33	61204 MGTN_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/13/2024 19:33	16302 ALPA_T2	0	0	0	0	0	0	0.71	0.66	0	0	0	0	0	0
2/13/2024 19:33	26402 INOR_T1	1	15	14	0.2	0.19	-0.01	-1.05	-1.09	1	1	0	600	600	0
2/13/2024 19:33	12503 MITR_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/13/2024 19:33	64703 LITI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/13/2024 19:33	43402 BENT_T1	0	0	0	0	0	0	-1.79	-1.8	2	2	0	1800	1800	0
2/13/2024 19:34	54602 SUMM_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/13/2024 19:34	57401 SPAN_T1	0	0	0	0	0	0	-1.4	-1.35	2	2	0	1200	1200	0
2/13/2024 19:34	51603 DUKE_T1	0	0	0	0	0	0	-0.62	-0.62	0	0	0	0	0	0
2/13/2024 19:34	67001 STHI_T2	2	36	34	0.4	0.12	-0.28	0	0	0	0	0	0	0	0
2/13/2024 19:34	15704 TANN_T1	0	0	0	0	0	0	-1.01	-1	0	0	0	0	0	0
2/13/2024 19:35	62602 ENGL_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/13/2024 19:35	67603 WARW_T1	0	0	0	0	0	0	0.08	0.04	0	0	0	0	0	0
2/13/2024 19:35	26401 INOR_T1	1	4	3	0.1	0.23	0.13	0.5	0.36	0	0	0	0	0	0
2/13/2024 19:35	57401 SPAN_T1	0	0	0	0	0	0	-0.7	-0.68	1	1	0	600	600	0
2/13/2024 19:35	44601 SALE_T2	0	0	0	0	0	0	-0.04	-0.06	0	0	0	0	0	0
2/13/2024 19:35	56802 BENV_T2	33	80	47	0.19	0.22	0.03	-1.24	-1.26	0	0	0	0	0	0
2/13/2024 19:36	43108 SMIL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/13/2024 19:36	65902 SAKR_T2	0	0	0	0	0	0	-0.49	-0.49	1	1	0	300	300	0
2/13/2024 19:36	67001 STHI_T2	2	36	34	0.4	0.12	-0.28	0	0	0	0	0	0	0	0
2/13/2024 19:36	66505 SMAN_T2	3	3	0	0.7	0.67	-0.03	0	0	0	0	0	0	0	0
2/13/2024 19:36	44201 POIN_T1	30	0	-30	0	0	0	-1.5	-1.56	1	1	0	900	900	0
2/13/2024 19:36	47002 HUGH_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/13/2024 19:36	52002 LING_T2	0	0	0	0	0	0	-0.03	0	0	0	0	0	0	0
2/13/2024 19:36	43201 MVIL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/13/2024 19:37	43104 SMIL_T2	0	0	0	0	0	0	-0.7	-0.71	1	1	0	300	300	0
2/13/2024 19:37	67001 STHI_T2	2	36	34	0.4	0.12	-0.28	0	0	0	0	0	0	0	0
2/13/2024 19:37	46203 DANV_T2	182	163	-19	0.75	0.66	-0.09	0.03	0.04	0	0	0	0	0	0
2/13/2024 19:37	67503 WEWI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/13/2024 19:37	57403 SPAN_T1	0	0	0	0	0	0	0.14	0.14	0	0	0	0	0	0
2/13/2024 19:37	65603 CIVIL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/13/2024 19:37	47402 PENS_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/13/2024 19:37	20603 GRWO_T2	42	62	20	0.7	0.39	-0.31	0.49	0.47	0	0	0	0	0	0
2/13/2024 19:38	42901 MIDD_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/13/2024 19:38	57403 SPAN_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/13/2024 19:38	47403 PENS_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/13/2024 19:38	51601 DUKE_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/13/2024 19:38	40603 PGR_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/13/2024 19:38	55002 NEWP_T1	4	4	0	1.3	1.5	0.2	-0.23	-0.24	0	0	0	0	0	0
2/13/2024 19:38	54501 ENOL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/13/2024 19:38	53901 HAU_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/13/2024 19:38	47002 HUGH_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/13/2024 19:38	60803 BUCK_T1	0	0	0	0	0	0	-1.17	-1.16	1	1	0	600	600	0
2/13/2024 19:38	42002 MNVL_T2	1	1	0	5.5	5.3	-0.2	0	0	0	0	0	0	0	0
2/13/2024 19:38	64702 LITI_T2	0	0	0	0	0	0	-0.86	-0.88	0	0	0	0	0	0
2/13/2024 19:38	16302 ALPA_T2	0	0	0	0	0	0	1.32	1.36	0	0	0	0	0	0
2/13/2024 19:38	60502 NMAN_T2	0	0	0	0	0	0	-0.39	-0.36	0	0	0	0	0	0
2/13/2024 19:38	13503 MCMI_T2	0	0	0	0	0	0	-0.64	-0.67	0	0	0	0	0	0
2/13/2024 19:38	58001 WCAR_T1	4	4	0	0.95	1.05	0.1	0	0	0	0	0	0	0	0
2/13/2024 19:38	15001 BLMO_T1	0	1	1	0	0	0	0	0	0	0	0	0	0	0
2/13/2024 19:38	56802 BENV_T2	33	80	47	0.19	0.22	0.03	-1.26	-1.2	0	0	0	0	0	0
2/13/2024 19:39	10705 CATA_T2	0	0	0	0	0	0	-0.76	-0.86	1	1	0	900	900	0
2/13/2024 19:39	43001 ALWD_T1	12	13	1	0.31	0.38	0.07	0	0	0	0	0	0	0	0
2/13/2024 19:39	47101 MARL_T1	131	166	35	0.99	1.05	0.06	-1.02	-1.05	0	0	0	0	0	0
2/13/2024 19:39	46702 RENO_T1	0	0	0	0	0	0	-0.14	-0.15	0	0	0	0	0	0
2/13/2024 19:39	51306 WIND_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/13/2024 19:39	46003 BERW_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/13/2024 19:39	47901 HRDG_T1	0	0	0	0	0	0	0.6	0.47	0	0	0	0	0	0
2/13/2024 19:40	59101 WALK_T2	0	0	0	0	0	0	0.17	0.16	1	1	0	450	450	0
2/13/2024 19:40	55001 NEWP_T1	0	2	2	0	0.15	0.15	0	0	0	0	0	0	0	0
2/13/2024 19:40	54202 PENN_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/13/2024 19:40	64204 KINZ_T1	1	1	0	0.6	1.1	0.5	0	0	0	0	0	0	0	0
2/13/2024 19:40	41802 GCH_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/13/2024 19:40	57403 SPAN_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/13/2024 19:40	40101 HUNT_T2	590	489	-101	1.78	1.85	0.07	-0.39	-0.39	0	0	0	0	0	0
2/13/2024 19:40	64802 MONE_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/13/2024 19:40	67502 WEWI_T2	0	0	0	0	0	0	-1.36	-1.3	1	1	0	900	900	0
2/13/2024 19:40	42203 SHEN_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/13/2024 19:40	44201 POIN_T1	0	0	0	0	0	0	-1.56	-1.57	1	1	0	900	900	0
2/13/2024 19:41	56503 ROCK_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/13/2024 19:41	51108 CARL_T1	1

Appendix C - Grid Benefits Achieved in Each Instance of Active Management

2/13/2024 19:44	47401 PENS_T1	0	0	0	0	0	0	0.14	0.17	0	0	0	0	0	0
2/13/2024 19:44	58003 WCAR_T1	1	1	0	1	1	0	-0.04	0	1	1	0	600	600	0
2/13/2024 19:44	67503 WEWI_T2	0	0	0	0	0	0	0	0.07	0	0	0	0	0	0
2/13/2024 19:44	56803 BENV_T1	0	5	5	0	0.36	0.36	0	0	0	0	0	0	0	0
2/13/2024 19:44	60701 BREC_T1	0	0	0	0	0	0	-0.46	-0.47	1	1	0	600	600	0
2/13/2024 19:44	60803 BUCK_T1	0	0	0	0	0	0	-1.17	-1.16	1	1	0	600	600	0
2/13/2024 19:45	53902 HALI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/13/2024 19:45	43304 WATS_T2	2	0	-2	0.4	0	-0.4	-0.28	-0.26	0	0	0	0	0	0
2/13/2024 19:46	59001 MIFF_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/13/2024 19:46	43401 BENT_T1	0	1	1	0	0	0	0	0	0	0	0	0	0	0
2/13/2024 19:46	58402 MORO_T1	0	0	0	0	0	0	0	-0.09	2	2	0	1500	1500	0
2/13/2024 19:46	40603 PIGR_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/13/2024 19:46	43001 ALWD_T1	13	22	9	0.31	0.34	0.03	0	0	0	0	0	0	0	0
2/13/2024 19:46	64101 REFR_T1	0	0	0	0	0	0	-0.01	-0.01	0	0	0	0	0	0
2/13/2024 19:47	43105 SMIL_T2	16	19	3	0.26	0.34	0.08	0	0	0	0	0	0	0	0
2/13/2024 19:47	54503 ENOL_T2	0	0	0	0	0	0	-1.76	-1.65	1	1	0	600	600	0
2/13/2024 19:47	47403 PENS_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/13/2024 19:47	64101 REFR_T1	0	0	0	0	0	0	-0.01	-0.01	0	0	0	0	0	0
2/13/2024 19:47	57306 MOAL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/13/2024 19:47	56802 BENV_T2	49	119	70	0.18	0.23	0.05	-1.26	-1.2	0	0	0	0	0	0
2/13/2024 19:47	67502 WEWI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/13/2024 19:47	47104 MARL_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/13/2024 19:47	67203 TEHI_T1	0	0	0	0	0	0	2.31	2.3	1	1	0	600	600	0
2/13/2024 19:47	43302 WATS_T2	4	5	1	0.4	0.75	0.35	0	0	0	0	0	0	0	0
2/13/2024 19:48	54506 ENOL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/13/2024 19:48	57306 MOAL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/13/2024 19:48	54202 PENN_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/13/2024 19:48	67503 WEWI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/13/2024 19:48	62607 ENGL_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/13/2024 19:48	54602 SUMM_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/13/2024 19:48	11103 EGYP_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/13/2024 19:48	43202 MVIL_T2	0	0	0	0	0	0	-0.63	-0.65	0	0	0	0	0	0
2/13/2024 19:48	47402 PENS_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/13/2024 19:49	67002 STHI_T2	1	43	42	0.1	0.16	0.06	0.65	0.67	0	0	0	0	0	0
2/13/2024 19:49	59201 THOM_T1	0	2	2	0	0.2	0.2	0	0	0	0	0	0	0	0
2/13/2024 19:49	40504 CRES_T1	0	0	0	0	0	0	-0.58	-0.62	0	0	0	0	0	0
2/13/2024 19:49	54503 ENOL_T2	0	0	0	0	0	0	-1.76	-1.65	1	1	0	600	600	0
2/13/2024 19:49	67503 WEWI_T2	0	0	0	0	0	0	0	0.07	0	0	0	0	0	0
2/13/2024 19:49	46204 DANV_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/13/2024 19:49	59101 WALK_T2	0	0	0	0	0	0	0.51	0.48	3	3	0	1350	1350	0
2/13/2024 19:50	62606 ENGL_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/13/2024 19:50	67001 STHI_T2	4	307	303	0.3	0.19	-0.11	0	0	0	0	0	0	0	0
2/13/2024 19:50	47901 HRDG_T1	0	0	0	0	0	0	0.6	0.47	0	0	0	0	0	0
2/13/2024 19:50	51601 DUKE_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/13/2024 19:51	57401 SPAN_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/13/2024 19:53	66503 SMAN_T2	0	98	98	0	0.16	0.16	0	0	0	0	0	0	0	0
2/13/2024 19:53	65903 SAKR_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/13/2024 19:53	56802 BENV_T2	49	119	70	0.18	0.23	0.05	-1.2	-1.24	0	0	0	0	0	0
2/13/2024 19:54	56802 BENV_T2	49	119	70	0.18	0.23	0.05	-2.4	-2.47	0	0	0	0	0	0
2/13/2024 19:55	60604 NCOL_T2	0	0	0	0	0	0	0.23	0.29	0	0	0	0	0	0
2/13/2024 19:55	66701 STRA_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/13/2024 19:55	56501 ROCK_T2	2	5	3	0.95	0.34	-0.61	-1.36	-1.43	0	0	0	0	0	0
2/13/2024 19:56	41504 FAIR_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/13/2024 19:58	56802 BENV_T2	49	119	70	0.18	0.23	0.05	-1.2	-1.24	0	0	0	0	0	0
2/13/2024 20:00	41801 GOCI_T2	102	155	53	0.67	0.68	0.01	0	0	0	0	0	0	0	0
2/13/2024 20:01	13903 SEID_T1	0	2	2	0	0	0	-0.05	-0.03	1	1	0	600	600	0
2/13/2024 20:02	42302 MOWR_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/13/2024 20:04	43201 MVIL_T2	0	0	0	0	0	0	-0.34	-0.33	0	0	0	0	0	0
2/13/2024 20:05	29402 BELT_T1	79	64	-15	0.51	0.48	-0.03	0	0	0	0	0	0	0	0
2/13/2024 20:06	54206 PENN_T2	0	5	5	0	0.14	0.14	-0.09	-0.04	0	0	0	0	0	0
2/13/2024 20:17	53501 EVIL_T2	1	1	0	0.4	0.2	-0.2	-0.2	-0.2	0	0	0	0	0	0
2/13/2024 20:19	56802 BENV_T2	93	88	-5	0.22	0.24	0.02	-1.24	-1.24	0	0	0	0	0	0
2/13/2024 20:49	20601 GRWD_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/13/2024 20:53	40503 CRES_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/13/2024 21:11	59202 THOM_T1	15	189	174	0.16	0.23	0.07	0	0	0	0	0	0	0	0
2/13/2024 22:14	43304 WATS_T2	0	0	0	0	0	0	-0.42	-0.43	0	0	0	0	0	0
2/13/2024 22:19	46203 DANV_T2	31	61	30	0.38	0.38	0	0	0	0	0	0	0	0	0
2/13/2024 22:23	56802 BENV_T2	1	1	0	0.5	0.8	0.3	-1.36	-1.42	0	0	0	0	0	0
2/13/2024 22:44	46201 DANV_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/13/2024 23:18	56501 ROCK_T2	1	1	0	1	0.2	-0.8	0	0	0	0	0	0	0	0
2/13/2024 23:20	42901 MIDD_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/13/2024 23:58	27502 WEIS_T2	0	1	1	0	0	0	-0.8	-0.81	0	0	0	0	0	0
2/14/2024 1:57	46702 RENO_T1	232	153	-79	0.31	0.26	-0.05	-0.14	-0.16	0	0	0	0	0	0
2/14/2024 3:51	12704 MACU_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/14/2024 7:52	44501 HAMI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/14/2024 7:53	43402 BENT_T1	0	1	1	0	0	0	-1.44	-1.46	2	2	0	1500	1500	0
2/14/2024 7:55	46204 DANV_T2	62	9	-53	0.32	0.3	-0.02	0	0	0	0	0	0	0	0
2/14/2024 7:55	43401 BENT_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/14/2024 7:57	46204 DANV_T2	62	9	-53	0.32	0.3	-0.02	0	0	0	0	0	0	0	0
2/14/2024 7:57	45502 DERR_T2	1	1	0	0.4	0.1	-0.3	0	0	0	0	0	0	0	0
2/14/2024 8:03	54202 PENN_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/14/2024 8:08	55002 NEWP_T1	2	4	2	0.9	1.08	0.18	-0.22	-0.2	0	0	0	0	0	0
2/14/2024 8:09	55001 NEWP_T1	1	12	11	0.5	0.3	-0.2	0	0	0	0	0	0	0	0
2/14/2024 8:10	46203 DANV_T2	0	27	27	0	0.31	0.31	-0.77	-0.78	0	0	0	0	0	0
2/14/2024 8:10	42701 AUGU_T1	3	1	-2	0.63	0.1	-0.53	0	0	2	2	0	1800	1800	0
2/14/2024 8:11	55001 NEWP_T1	1	12	11	0.5	0.3	-0.2	0	0	0	0	0	0	0	0
2/14/2024 8:14	54506 ENOL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/14/2024 8:15	47101 MARL_T1	69	140	71	0.93	1.01	0.08	-2.62	-2.95	0	0	0	0	0	0
2/14/2024 8:18	28701 HAML_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/14/2024 8:18	47101 MARL_T1	69	140	71	0.93	1.01	0.08	-1.74	-1.97	0	0	0	0	0	0
2/14/2024 8:25	59201 THOM_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/14/2024 8:27	55001 NEWP_T1	3	12	9	0.3	0.15	-0.15	0	0	1	1	0	600	600	0
2/14/2024 8:33	58402 MORO_T1	0	0	0	0	0	0	-0.83	-0.85	3	3	0	2400	2400	0
2/14/2024 8:38	56802 BENV_T2	82	150	68	0.24	0.31	0.07	-1.39	-1.41	0	0	0	0	0	0
2/14/2024 8:41	56802 BENV_T2	82	150	68	0.24	0.31	0.07	-1.39	-1.41	0	0	0	0	0	0
2/14/2024 8:49	49803 UNIV_T1	0	0	0	0	0	0	-1.05	-1.03	0	0	0	0	0	0
2/14/2024 8:52	53901 HALI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/14/2024 8:57	55002 NEWP_T1	4	4	0	1.25	1.33	0.08	0	0	0	0	0	0	0	0
2/14/2024 8:57	10805 CHHI_T2	7	7	0	2.86	2.2	-0.66	-0.51	-0.61	0	0	0	0	0	0
2/14/2024 9:00	57106 SPHI_T2	3	3	0	1.27	1.5	0.23	0	0	0	0	0	0	0	0
2/14/2024 9:00	67503 WEWI_T2	0	0	0	0	0	0	0.07	-0.06	0	0	0	0	0	0
2/14/2024 9:00	65003 NEFF_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/14/2024 9:00	40101 HUNT_T2	379	366	-13	1.34	0.95	-0.39	-0.41	-0.28	0	0	0	0	0	0
2/14/2024 9:00	40505 CRES_T1	0	0	0	0	0	0	0.36	0.37	0	0	0	0	0	0
2/14/2024 9:00	10801 CHHI_T1	1	1	0	0.7	0.7	0	-1.4	-0.73	2	1	-1	1500	900	-600
2/14/2024 9:00	54501 ENOL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/14/2024 9:00	47101 MARL_T1	51	56	5	0.92	0.86	-0.06	0	0	0	0	0	0	0	0
2/14/2024 9:00	54504 ENOL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/14/2024 9:00	27502 WEIS_T2	0	0	0	0	0	0	-0.39	-0.37	0	0	0	0	0	0
2/14/2024 9:00	53903 HALI_T2	0	11	11	0	0.12	0.12	-0.17	-0.13	0	0	0	0	0	0
2/14/2024 9:00	58401 MORO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/14/2024 9:00	53501 EVIL_T2	1	1	0	0.5	0.6	0.1	-0.79	-0.74	2	2	0	800	800	0
2/14/2024 9:00	43001 ALWD_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/14/2024 9:01	60504 NMAN_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/14/2024 9:02	42701 AUGU_T1	1	1	0	0.2	0	-0.2	0	0	2	2	0	1800	1800	0
2/14/2024 9:06	43302 WATS_T2	0	0	0	0	0	0	0.32	0.3	2	2	0	1800	1800	0
2/14/2024 9:06	13703 SCHN_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/14/2024 9:06	67402 WAKE_T2	0	0	0	0	0	0	0.53	0.57	1	1	0	600	600	0
2/14/2024 9:06	60701 BREC_T1	0	0	0	0	0	0	-0.57	-0.56	2	2	0	1200	1200	0
2/14/2024 9:07	56802 BENV_T2	139	46	-93	0.32	0.25	-0.07	-1.41	-1.38	0	0	0	0	0	0
2/14/2024 9:07	24102 EHAZ_T1	1	3	2	0.4	0	-0.4	0	0	0	0	0	0	0	0
2/14/2024 9:07	60803 BUCK_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/14/2024 9:07	43402 BENT_T1	0	0	0	0	0	0	-0.87	-1.51	2	2	0	1500	1500	0
2/14/2024 9:07	41903 REED_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/14/2024 9:07	67502 WEWI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/14/2024 9:07	43001 ALWD_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/14/2024 9:08	56802 BENV_T2	139	46	-93	0.32	0.25	-0.07	-1.38	-0.65	0	0	0	0	0	0
2/14/2024 9:08	46004 BERW_T2	0	0	0	0	0	0	-0.2	-0.23	0	0	0	0	0	0
2/14/2024 9:08	10805 CHHI_T2	7	7	0	3.37	1.55	-1.82	-0.61	-0.54	0	0	0	0	0	0
2/14/2024 9:09	56802 BENV_T2	139	46	-93	0.32	0.25	-0.07	-2.76	-1.3	0	0	0	0	0	0
2/14/2024 9:09	43401 BENT_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/14/2024 9:10	56802 BENV_T2	139	46	-93	0.32	0.25	-0.07	-2.76	-1.3	0	0	0	0	0	0
2/14/2024 9:10	45501 DERR_T2	0	0	0	0	0	0	0.76	0.73	2	2	0	1800	1800	0
2/14/2024 9:12	13703 SCHN_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/14/2024 9:12	54506 ENOL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/14/2024 9:12	55001 NEWP_T1	12	105	93	0.38	0.4	0.02	0	0	1	1	0	600	600	0
2/14/2024 9:12	55002 NEWP_T1	4	4	0	1.08	1.38	0.3	-0.2	-0.23	0	0	0	0	0	0
2/14/2024 9:13	46201 DANV_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/14/2024 9:13	55001 NEWP_T1	12	105	93	0.38	0.4	0.02	0	0	1	1	0	600	600	0
2/14/2024 9:13	59201 THOM_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/14/2024 9:13	55001 NEWP_T1	12	105	93	0.38	0.4	0.02	0	0	1	1	0	600	600	0
2/14/2024 9:14	55001 NEWP_T1	12	105	93	0.38	0.4	0.02	0	0	0	0	0	0	0	0
2/14/2024 9:15	55001 NEWP_T1	105	40	-65	1.17	0.2	-0.97	0	0	0	0	0	0	0	0
2/14/2024 9:16	47101 MARL_T1	53	62	9	1.07	0.98	-0.09	-1.06	-0.94	0	0	0	0	0	0
2/14/2024 9:17	54204 PENN_T2	0	1	1	0	0.1	0.1	0	0	0	0	0	0	0	0
2/14/2024 9:17	13503 MCMI_T2	0	0	0	0	0	0	-0.7	-0.74	0	0	0	0	0	0
2/14/2024 9:18	57401 SPAN_T1	2	3	1	0.2	0.47	0.27	0	0	0	0	0	0	0	0
2/14/2024 9:18	47101 MARL_T1	53	62	9	1.07	0.98	-0.09	-1.06	-0.94	0	0	0	0	0	0
2/14/2024 9:19	54204 PENN_T2	0	1	1	0	0.1	0.1	0	0	0	0	0	0	0	0
2/14/2024 9:19	54201 PENN_T1	5	59	54	1.04	0.34	-0.7	0.06	0.11	0	0	0	0	0	0
2/14/2024 9:21	44505 HAMI_T2	4	0	-4	0.13	0	-0.13	-0.01	-0.01	0	0	0	0	0	0
2/14/2024 9:23	29401 BELT_T1	35	55	20	0.21	0.25	0.04	0	0	0	0	0	0	0	0
2/14/2024 9:27	54501 ENOL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/14/2024 9:27	11103 EGYP_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/14/2024 9:28	11104 EGYP_T1	0	0	0	0	0	0	0.3	0.26	0	0	0	0	0	0
2/14/2024 9:29	54505 ENOL_T2	1	1	0	0.8	1.1	0.3	0	0	0	0	0	0	0	0
2/14/2024 9:29	41801 GOCI_T2	148	137	-11	0.82	0.68	-0.14	0	0	0	0	0	0	0	0
2/14/2024 9:29	47104 MARL_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/14/2024 9:29	53901 HALI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/14/2024 9:32	47104 MARL_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/14/2024 9:34	56503 ROCK_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/14/2024 9:34	47104 MARL_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/14/2024 9:34	46701 RENO_T1	53	139	86	0.32	0.32	0	0	0	0	0	0	0	0	0
2/14/2024 9:35	43302 WATS_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/14/2024 9:35	16302 ALPA_T2	0	0	0	0	0	0	-0.68	-0.67	0	0	0	0	0	0
2/14/2024 9:36	56504 ROCK_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/14/2024 9:36	16302 ALPA_T2	0	0	0	0	0	0	-0.68	-0.67	0	0	0	0	0	0
2/14/2024 9:37	14404 SSLA_T1	1	0	-1	0.1	0	-0.1	0	0	0	0	0	0	0	0
2/14/2024 9:37	43302 WATS_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/14/2024 9:37	16302 ALPA_T2	0	0	0	0	0	0	-0.68	-0.67	0	0	0	0	0	0
2/14/2024 9:38	16302 ALPA_T2	0	0	0	0	0	0	-0.67	-0.54	0	0	0	0	0	0
2/14/2024 9:39	46201 DANV_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/14/2024 9:39	67502 WEWI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/14/2024 9:39	47403 PENS_T1	1	1	0	0.2	0.1	-0.1	0	0	0	0	0	0	0	0
2/14/2024 9:40	16302 ALPA_T2	0	0	0	0	0	0	-0.67	-0.54	0	0	0	0	0	0
2/14/2024 9:41	47401 PENS_T1	3	2	-1	0.5	0.65	0.15	-0.6	-0.51	0	0	0	0	0	0
2/14/2024 9:42	47401 PENS_T1	3	2	-1	0.5	0.65	0.15	-0.3	-0.25	0	0	0	0	0	0
2/14/2024 9:45	59201 THOM_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/14/2024 9:45	57306 MOAL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/14/2024 9:49	56501 ROCK_T2	7	64	57	0.19	0.16	-0.03	0	0	0	0	0	0	0	0
2/14/2024 9:49	66503 SMAN_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/14/2024 9:51	17002 RIRO_T2	0	0	0	0	0	0	0.71	0.69	0	0

2/14/2024 10:18	65901 SAKR_T2	1	1	0	8.8	9.2	0.4	0	0	0	0	0	0	0
2/14/2024 10:18	59002 MIFF_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
2/14/2024 10:18	57401 SPAN_T1	2	16	14	0.4	0.24	-0.16	0	0	0	0	0	0	0
2/14/2024 10:21	57401 SPAN_T1	2	16	14	0.4	0.24	-0.16	-0.22	-0.33	0	0	0	0	0
2/14/2024 10:22	67502 WEWI_T2	1	1	0	0.2	0.5	0.3	-0.07	-0.09	0	0	0	0	0
2/14/2024 10:22	57403 SPAN_T1	1	22	21	0.1	0.26	0.16	0	0	0	0	0	0	0
2/14/2024 10:25	67502 WEWI_T2	1	1	0	0.2	0.5	0.3	-0.09	0.02	0	0	0	0	0
2/14/2024 10:34	49803 UNIV_T1	0	0	0	0	0	0	-0.91	-0.91	0	0	0	0	0
2/14/2024 10:35	13503 MCMI_T2	0	1	1	0	0.1	0.1	-0.77	-0.79	0	0	0	0	0
2/14/2024 10:35	57403 SPAN_T1	7	24	17	0.14	0.25	0.11	0	0	0	0	0	0	0
2/14/2024 10:37	20402 ASHF_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
2/14/2024 10:37	57403 SPAN_T1	7	24	17	0.14	0.25	0.11	0	0	0	0	0	0	0
2/14/2024 10:38	53903 HAU_T2	11	6	-5	0.13	0.1	-0.03	-0.13	-0.13	0	0	0	0	0
2/14/2024 10:41	45502 DERR_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
2/14/2024 10:41	29402 BELT_T1	32	44	12	0.52	0.5	-0.02	0	0	0	0	0	0	0
2/14/2024 10:41	47002 HUGH_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
2/14/2024 10:44	29402 BELT_T1	32	44	12	0.52	0.5	-0.02	0	0	0	0	0	0	0
2/14/2024 10:45	47001 HUGH_T2	0	0	0	0	0	0	-0.62	-0.63	0	0	0	0	0
2/14/2024 10:45	46803 HEPB_T2	3	4	1	0.47	0.4	-0.07	0	0	0	0	0	0	0
2/14/2024 10:45	46802 HEPB_T1	56	18	-38	0.23	0.33	0.1	-1.17	-1.12	0	0	0	0	0
2/14/2024 10:46	47002 HUGH_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
2/14/2024 10:46	40101 HUNT_T2	371	348	-23	0.71	0.98	0.27	-0.32	-0.32	0	0	0	0	0
2/14/2024 10:47	45703 LIND_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
2/14/2024 10:51	29402 BELT_T1	44	22	-22	0.5	0.57	0.07	0	0	0	0	0	0	0
2/14/2024 10:51	60201 ATGL_T2	0	0	0	0	0	0	-0.18	-0.05	2	2	0	900	900
2/14/2024 10:52	43001 ALWD_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
2/14/2024 10:52	59102 WALK_T2	1	1	0	0.1	0.2	0.1	0	0	0	0	0	0	0
2/14/2024 10:52	67503 WEWI_T2	0	1	1	0	0	0	0	0	0	0	0	0	0
2/14/2024 10:52	46005 BERW_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
2/14/2024 10:53	57401 SPAN_T1	16	6	-10	0.24	0.45	0.21	0	0	0	0	0	0	0
2/14/2024 10:53	46004 BERW_T2	1	1	0	0.2	0.4	0.2	-0.23	-0.19	0	0	0	0	0
2/14/2024 10:53	67002 STHI_T2	52	104	52	0.18	0.18	0	1.34	1.38	0	0	0	0	0
2/14/2024 10:54	59102 WALK_T2	1	1	0	0.1	0.2	0.1	0	0	0	0	0	0	0
2/14/2024 10:54	17803 GILB_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
2/14/2024 10:54	20402 ASHF_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
2/14/2024 10:54	29402 BELT_T1	44	22	-22	0.5	0.57	0.07	0	0	0	0	0	0	0
2/14/2024 10:57	52504 PROG_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
2/14/2024 10:58	47401 PENS_T1	3	7	4	0.77	0.47	-0.3	-0.35	-0.21	0	0	0	0	0
2/14/2024 10:58	23902 EFMO_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
2/14/2024 10:58	55001 NEWP_T1	54	101	47	0.27	0.22	-0.05	0	0	1	1	0	600	600
2/14/2024 11:00	29402 BELT_T1	13	22	9	0.74	0.55	-0.19	0	0	0	0	0	0	0
2/14/2024 11:01	51109 CARL_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
2/14/2024 11:01	55001 NEWP_T1	100	9	-91	0.66	0.23	-0.43	0	0	1	1	0	600	600
2/14/2024 11:02	64101 REFR_T1	1	2	1	0.1	0.25	0.15	-0.01	-0.05	0	0	0	0	0
2/14/2024 11:03	66703 STRA_T1	0	1	1	0	0.1	0.1	0.07	0.09	0	0	0	0	0
2/14/2024 11:04	44601 SALE_T2	0	0	0	0	0	0	0.89	0.7	1	1	0	600	600
2/14/2024 11:06	43303 WATS_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
2/14/2024 11:06	57401 SPAN_T1	5	84	79	0.52	0.23	-0.29	0	0	0	0	0	0	0
2/14/2024 11:07	67502 WEWI_T2	1	1	0	0.6	0.6	0	0	0	0	0	0	0	0
2/14/2024 11:08	55105 WERT_T1	0	0	0	0	0	0	-0.6	-0.59	1	1	0	900	900
2/14/2024 11:11	42903 MIDD_T2	0	0	0	0	0	0	0.37	0.31	1	1	0	1200	1200
2/14/2024 11:11	64101 REFR_T1	1	2	1	0.1	0.25	0.15	-0.05	-0.04	0	0	0	0	0
2/14/2024 11:13	40101 HUNT_T2	342	331	-11	1.24	1	-0.24	-0.38	-0.4	0	0	0	0	0
2/14/2024 11:13	55002 NEWP_T1	7	6	-1	1.01	1.22	0.21	0	0	0	0	0	0	0
2/14/2024 11:13	64101 REFR_T1	1	2	1	0.1	0.25	0.15	-0.05	-0.04	0	0	0	0	0
2/14/2024 11:19	61801 EELI_T2	0	0	0	0	0	0	-0.64	-0.7	0	0	0	0	0
2/14/2024 11:20	26402 INOR_T1	1	2	1	0.5	0.5	0	0	0	0	0	0	0	0
2/14/2024 11:21	67605 WARW_T1	12	18	6	0.25	0.4	0.15	-1.14	-1.02	0	0	0	0	0
2/14/2024 11:22	55001 NEWP_T1	9	27	18	0.26	0.21	-0.05	0	0	1	1	0	600	600
2/14/2024 11:23	15001 BLMO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
2/14/2024 11:23	43001 ALWD_T1	0	1	1	0	0.2	0.2	0	0	0	0	0	0	0
2/14/2024 11:23	59101 WALK_T2	0	0	0	0	0	0	2.27	2.25	0	0	0	0	0
2/14/2024 11:24	46002 BERW_T2	1	0	0	-1	3.2	0	-3.2	0	0	0	0	0	0
2/14/2024 11:25	17802 GILB_T1	1	1	0	0.8	0.3	-0.5	0.23	0.24	0	0	0	0	0
2/14/2024 11:26	43202 MVIL_T2	0	0	0	0	0	0	-0.58	-0.56	0	0	0	0	0
2/14/2024 11:26	29401 BELT_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
2/14/2024 11:28	54501 ENOL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
2/14/2024 11:28	46003 BERW_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
2/14/2024 11:28	46802 HEPB_T1	16	58	42	0.34	0.24	-0.1	-1.15	-1.16	0	0	0	0	0
2/14/2024 11:29	54506 ENOL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
2/14/2024 11:29	43001 ALWD_T1	0	1	1	0	0.2	0.2	0	0	0	0	0	0	0
2/14/2024 11:29	53903 HAU_T2	0	0	0	0	0	0	-0.13	-0.14	0	0	0	0	0
2/14/2024 11:30	55002 NEWP_T1	4	5	1	0.75	0.7	-0.05	0	0	0	0	0	0	0
2/14/2024 11:30	47802 MOCA_T2	0	0	0	0	0	0	-0.79	-0.79	0	0	0	0	0
2/14/2024 11:31	54503 ENOL_T2	0	1	1	0	0.1	0.1	-1.87	-1.89	1	1	0	600	600
2/14/2024 11:32	54503 ENOL_T2	0	1	1	0	0.1	0.1	-1.87	-1.89	1	1	0	600	600
2/14/2024 11:32	44601 SALE_T2	0	0	0	0	0	0	0.84	0.75	1	1	0	600	600
2/14/2024 11:32	47104 MARL_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
2/14/2024 11:33	60801 BUCK_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
2/14/2024 11:33	64802 MONE_T2	5	19	14	0.48	0.29	-0.19	0	0	0	0	0	0	0
2/14/2024 11:33	57403 SPAN_T1	20	30	10	0.26	0.27	0.01	0	0	0	0	0	0	0
2/14/2024 11:33	54505 ENOL_T2	1	1	0	0.8	0.9	0.1	0	0	0	0	0	0	0
2/14/2024 11:35	64801 MONE_T2	7	14	7	0.24	0.36	0.12	0	0	0	0	0	0	0
2/14/2024 11:35	67002 STHI_T2	96	45	-51	0.18	0.21	0.03	0	0	0	0	0	0	0
2/14/2024 11:36	27502 WEIS_T2	0	1	1	0	3.4	3.4	-0.36	-0.43	0	0	0	0	0
2/14/2024 11:37	60801 BUCK_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
2/14/2024 11:37	67001 STHI_T2	365	384	19	0.17	0.15	-0.02	0.3	0.26	0	0	0	0	0
2/14/2024 11:37	56802 BENV_T2	0	1	1	0	0.2	0.2	-0.76	-0.73	0	0	0	0	0
2/14/2024 11:37	59102 WALK_T2	0	1	1	0	0.5	0.5	0	0	0	0	0	0	0
2/14/2024 11:38	60803 BUCK_T1	4	6	2	0.23	0.23	0	-1.2	-1.2	1	1	0	600	600
2/14/2024 11:38	29402 BELT_T1	4	14	10	1.8	0.66	-1.14	0	0	0	0	0	0	0
2/14/2024 11:38	60201 ATGL_T2	0	0	0	0	0	0	-0.38	0.24	2	2	0	900	900
2/14/2024 11:39	43001 ALWD_T1	1	1	0	0.2	0.3	0.1	0	0	0	0	0	0	0
2/14/2024 11:39	67503 WEWI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
2/14/2024 11:39	59101 WALK_T2	0	1	1	0	1.2	1.2	4.49	2.79	0	0	0	0	0
2/14/2024 11:39	41601 CLEV_T1	9	13	4	0.16	0.18	0.02	0	0	0	0	0	0	0
2/14/2024 11:39	64101 REFR_T1	2	1	-1	0.25	0.4	0.15	-0.05	-0.03	0	0	0	0	0
2/14/2024 11:40	29402 BELT_T1	4	14	10	1.8	0.66	-1.14	0	0	0	0	0	0	0
2/14/2024 11:40	56802 BENV_T2	0	1	1	0	0.2	0.2	-0.73	-0.71	0	0	0	0	0
2/14/2024 11:40	49804 UNIV_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
2/14/2024 11:41	17802 GILB_T1	1	1	0	0.3	0.5	0.2	0.24	0.22	0	0	0	0	0
2/14/2024 11:41	14401 SSLA_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
2/14/2024 11:41	17805 GILB_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
2/14/2024 11:42	28604 BLYT_T2	0	0	0	0	0	0	-1.56	-1.54	0	0	0	0	0
2/14/2024 11:42	60801 BUCK_T1	0	0	0	0	0	0	-0.43	-0.42	1	1	0	600	600
2/14/2024 11:42	46802 HEPB_T1	32	56	24	0.25	0.24	-0.01	-1.16	-0.48	0	0	0	0	0
2/14/2024 11:43	13503 MCMI_T2	2	3	1	0.35	0.37	0.02	-0.8	-0.8	0	0	0	0	0
2/14/2024 11:43	54506 ENOL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
2/14/2024 11:43	46802 HEPB_T1	32	56	24	0.25	0.24	-0.01	-1.16	-0.48	0	0	0	0	0
2/14/2024 11:44	25503 MADI_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
2/14/2024 11:44	54501 ENOL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
2/14/2024 11:44	41802 GOCI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
2/14/2024 11:45	65001 NEFF_T2	2	5	3	0.3	0.2	-0.1	-0.46	-0.34	1	1	0	1200	1200
2/14/2024 11:45	55002 NEWP_T1	4	7	3	0.7	0.66	-0.04	0	0	0	0	0	0	0
2/14/2024 11:45	13503 MCMI_T2	3	2	-1	0.37	0.3	-0.07	-0.8	-0.8	0	0	0	0	0
2/14/2024 11:45	59201 THOM_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
2/14/2024 11:45	43001 ALWD_T1	1	3	2	0.2	0.2	0	0	0	0	0	0	0	0
2/14/2024 11:46	54501 ENOL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
2/14/2024 11:49	65801 RTWN_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
2/14/2024 11:49	43001 ALWD_T1	1	3	2	0.2	0.2	0	0	0	0	0	0	0	0
2/14/2024 11:50	67603 WARW_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
2/14/2024 11:50	49804 UNIV_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
2/14/2024 11:50	65003 NEFF_T2	1	1	0	0.3	0.3	0	0	0	0	0	0	0	0
2/14/2024 11:50	65804 RTWN_T1	0	1	1	0	0.8	0.8	-0.12	-0.2	1	1	0	600	600
2/14/2024 11:51	54505 ENOL_T2	1	1	0	0.8	0.9	0.1	0	0	0	0	0	0	0
2/14/2024 11:51	42701 AUGU_T1	10	3	-7	0.9	0.5	-0.4	0	0	2	2	0	1800	1800
2/14/2024 11:52	44302 BEAV_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
2/14/2024 11:52	28602 BLYT_T2	0	1	1	0	0.3	0.3	0	0	0	0	0	0	0
2/14/2024 11:52	16302 ALPA_T2	0	0	0	0	0	0	0.82	0.76	0	0	0	0	0
2/14/2024 11:53	16302 ALPA_T2	0	0	0	0	0	0	0.76	0.62	0	0	0	0	0
2/14/2024 11:53	67402 WAKE_T2	0	1	1	0	0.1	0.1	0.51	0.51	1	1	0	600	600
2/14/2024 11:54	45502 DERR_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
2/14/2024 11:54	43304 WATS_T2	0	0	0	0	0	0	-1.04	-1.1	0	0	0	0	0
2/14/2024 11:54	16302 ALPA_T2	0	0	0	0	0	0	0.76	0.62	0	0	0	0	0
2/14/2024 11:54	47401 PENS_T1	5	3	-2	0.72	0.67	-0.05	-0.34	0.94	0	0	0	0	0
2/14/2024 11:55	43001 ALWD_T1	1	3	2	0.2	0.2	0	0	0	0	0	0	0	0
2/14/2024 11:56	47403 PENS_T1	1	2	1	2.2	0.3	-1.9	0	0	0	0	0	0	0
2/14/2024 11:56	44504 HAMI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
2/14/2024 11:57	17803 GILB_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
2/14/2024 11:57	17801 GILB_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
2/14/2024 11:58	46802 HEPB_T1	56	2	-54	0.24	0.8	0.56	-0.48	-0.21	0	0	0	0	0
2/14/2024 11:58	46803 HEPB_T2	6	5	-1	0.48	0.52	0.04	0	0	0	0	0	0	0
2/14/2024 11:59	67402 WAKE_T2	0	1	1	0	0.1	0.1	0.51	0.51	1	1	0	600	600
2/14/2024 11:59	46802 HEPB_T1	56	2	-54	0.24	0.8	0.56	-0.48	-0.21	0	0	0	0	0
2/14/2024 11:59	64702 LITI_T2	0	0	0	0	0	0	-0.84	-0.8	0	0	0	0	0
2/14/2024 12:00	25501 MADI_T1	2	2	0	0.45	0	-0.45	0.34	0.33	0	0	0	0	0
2/14/2024 12:00	10801 CHHI_T1	2	1	-1	0.85	1.3	0.45	-0.92	-0.93	1	1	0	900	900
2/14/2024 12:01	64703 LITI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
2/14/2024 12:05	42204 SHEN_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
2/14/2024 12:05	43302 WATS_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
2/14/2024 12:06	16302 ALPA_T2	0	0	0	0	0	0	0.76	0.62	0	0	0	0	0
2/14/2024 12:07	44302 BEAV_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
2/14/2024 12:07	43303 WATS_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
2/14/2024 12:08	16302 ALPA_T2	0	0	0	0	0	0	0.62	0.65	0	0	0	0	0
2/14/2024 12:08	44302 BEAV_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
2/14/2024 12:08	67401 WAKE_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
2/14/2024 12:09	16302 ALPA_T2	0	0	0	0	0	0	0.62	0.65	0	0	0	0	0
2/14/2024 12:09	43301 WATS_T2	1	2	1	0.1	0.1	0	-0.66	-0.68	1	1	0	900	900
2/14/2024 12:09	43303 WATS_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
2/14/2024 12:09	61101 BERK_T5	1	1	0	0.1	0.2	0.1	0	0	0	0	0	0	0
2/14/2024 12:09	48303 ORWI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
2/14/2024 12:10	67402 WAKE_T2	1	0	-1	0.1	0	-0.1	0.51	0.51	1	1	0	600	600
2/14/2024 12:10	50504 MECH_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
2/14/2024 12:10	43303 WATS_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
2/14/2024 12:10	61102 BERK_T5	0	0	0	0	0	0	0	0	0	0	0	0	0
2/14/2024 12:10	16302 ALPA_T2	0	0	0	0	0	0	0.62	0.65	0	0	0	0	0
2/14/2024 12:11	10801 CHHI_T1	2	1	-1	0.85	1.3	0.45	-0.93	-0.93	1	1	0	900	900
2/14/2024 12:13	17803 GILB_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
2/14/2024 12:13	17801 GILB_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
2/14/2024 12:14	46803 HEPB_T2	3	6	3	0.5	0.52	0.02	0	0	0	0	0	0	0
2/14/2024 12:14	46802 HEPB_T1	2	1	-1	0.8	0.7	-0.1	-0.21	-0.19	0	0	0	0	0
2/14/2024 12:15	46802 HEPB_T1	1	1	0	0.4	0.7	0.3	-0.21	-0.19	0	0	0	0	0
2/14/2024 12:15	55001 NEWP_T1	7	8	1	0.19	0.2	0.01	0	0	1	1	0	600	600
2/14/2024 12:15	67402 WAKE_T2	0	0	0	0	0	0	0.51	0.51	1	1	0	600	600
2/14/2024 12:16	55001 NEWP_T1	7	8	1	0.19	0.2	0.01	0	0	1	1	0	600	600
2/14/2024 12:16	25502 MADI_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
2/14/2024 12:22	43001 ALWD_T1	3	3	0	0.2	0.27	0.07	0	0	0	0	0	0	0
2/14/2024 12:23	14401 SSLA_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
2/14/2024 12:26	14402 SSLA_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
2/14/2024 12:26	53903 HAU_T2	0	1	1	0	0.1	0.1	-0.15	-0.18	0	0	0	0	0
2/14/2024 12:29	53903 HAU_T2	0	1	1	0	0.1	0.1	-0.15	-0.18	0	0	0	0	0
2/14/2024 12:33	13302 ORVI_T2	0	0	0	0	0	0	0.9	0.92	0	0	0	0	0
2/14/2024 12:33	66303 MCGO_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
2/14/2024 12:33	41502 FAIR_T2	0	252	252	0	0.54	0.54	-1.73	-0.88	1	1	0	900	900
2/14/2024 12:34	58402 MORO_T1	0	0	0	0	0	0	0.01	0.02	2	2	0	1500	1500
2/14/2024 12:37	13903 SEID_T1	0	0	0	0	0	0	0.57	0.57	0	0	0	0	0
2/14/2024 12:37	59101 WALK_T2	0	1	1	0	0.6	0.6	3.72	3.97	0	0	0	0	0
2/14/2024 12:37	65002 NEFF_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
2/14/2024 12:39	59102 WALK_T2	3	3	0	0.4	0.2	-0.2	0	0	0

2/14/2024 14:01	54504 ENOL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/14/2024 14:02	64802 MONE_T2	6	16	10	0.45	0.31	-0.14	-0.02	-0.04	0	0	0	0	0	0
2/14/2024 14:04	67002 STHI_T2	261	328	67	0.2	0.21	0.01	0.64	0.64	0	0	0	0	0	0
2/14/2024 14:04	67001 STHI_T2	589	720	131	0.25	0.25	0	0.11	0.13	0	0	0	0	0	0
2/14/2024 14:05	43302 WATS_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/14/2024 14:05	67002 STHI_T2	261	328	67	0.2	0.21	0.01	0.64	0.64	0	0	0	0	0	0
2/14/2024 14:05	67503 WEWI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/14/2024 14:06	67503 WEWI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/14/2024 14:06	59101 WALK_T2	0	0	0	0	0	0	2.02	2.12	0	0	0	0	0	0
2/14/2024 14:06	67001 STHI_T2	589	720	131	0.25	0.25	0	0	0	0	0	0	0	0	0
2/14/2024 14:06	43001 ALWD_T1	1	3	2	0.2	0.23	0.03	0	0	0	0	0	0	0	0
2/14/2024 14:07	67502 WEWI_T2	1	1	0	0.1	0.1	0	0.05	-0.03	0	0	0	0	0	0
2/14/2024 14:07	56503 ROCK_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/14/2024 14:07	67002 STHI_T2	261	328	67	0.2	0.21	0.01	0.64	0.64	0	0	0	0	0	0
2/14/2024 14:07	67001 STHI_T2	589	720	131	0.25	0.25	0	0.11	0.13	0	0	0	0	0	0
2/14/2024 14:08	43302 WATS_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/14/2024 14:08	44302 BEAV_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/14/2024 14:08	67502 WEWI_T2	1	1	0	0.1	0.1	0	-0.03	-0.13	0	0	0	0	0	0
2/14/2024 14:08	67002 STHI_T2	261	328	67	0.2	0.21	0.01	0.64	0.63	0	0	0	0	0	0
2/14/2024 14:09	20402 ASHF_T2	0	5	5	0	0.35	0.35	0	0	0	0	0	0	0	0
2/14/2024 14:09	60803 BUCK_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/14/2024 14:09	67001 STHI_T2	589	720	131	0.25	0.25	0	0.13	0.13	0	0	0	0	0	0
2/14/2024 14:09	67002 STHI_T2	261	328	67	0.2	0.21	0.01	0.64	0.63	0	0	0	0	0	0
2/14/2024 14:09	44301 BEAV_T2	0	2	2	0	0.4	0.4	-0.06	-0.12	2	2	0	1500	1500	0
2/14/2024 14:10	43302 WATS_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/14/2024 14:11	43001 ALWD_T1	1	3	2	0.2	0.23	0.03	0	0	0	0	0	0	0	0
2/14/2024 14:12	10801 CHHI_T1	1	2	1	1.5	0.9	-0.6	-0.95	-0.96	1	1	0	900	900	0
2/14/2024 14:14	47101 MARL_T1	54	46	-8	1.24	1.47	0.23	-1.73	-1.74	1	1	0	600	600	0
2/14/2024 14:16	47101 MARL_T1	41	45	4	1.45	1.29	-0.16	-6.91	-6.96	4	4	0	2400	2400	0
2/14/2024 14:17	54504 ENOL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/14/2024 14:17	65004 NEFF_T2	1	1	0	0.5	0.7	0.2	0	0	0	0	0	0	0	0
2/14/2024 14:17	47101 MARL_T1	41	45	4	1.45	1.29	-0.16	-3.45	-3.48	2	2	0	1200	1200	0
2/14/2024 14:17	64802 MONE_T2	6	33	27	0.53	0.22	-0.31	-0.04	-0.01	0	0	0	0	0	0
2/14/2024 14:17	56501 ROCK_T2	8	10	2	0.33	0.3	-0.03	-1.56	-1.58	0	0	0	0	0	0
2/14/2024 14:18	47101 MARL_T1	41	45	4	1.45	1.29	-0.16	-3.45	-3.48	2	2	0	1200	1200	0
2/14/2024 14:18	64702 LITI_T2	0	0	0	0	0	0	-0.83	-0.89	0	0	0	0	0	0
2/14/2024 14:18	43202 MVIL_T2	1	27	26	0.2	0.16	-0.04	-0.59	-0.62	0	0	0	0	0	0
2/14/2024 14:19	43201 MVIL_T2	0	1	1	0	0.1	0.1	0	0	0	0	0	0	0	0
2/14/2024 14:19	58401 MORO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/14/2024 14:20	49803 UNIV_T1	1	7	6	0.7	0.23	-0.47	-1.12	-1.12	0	0	0	0	0	0
2/14/2024 14:20	41602 CLEV_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/14/2024 14:20	48302 ORWI_T2	2	2	0	1.2	1.45	0.25	0	-0.02	0	0	0	0	0	0
2/14/2024 14:20	67001 STHI_T2	597	674	77	0.23	0.25	0.02	0	0	0	0	0	0	0	0
2/14/2024 14:20	43304 WATS_T2	0	0	0	0	0	0	-0.53	-0.52	0	0	0	0	0	0
2/14/2024 14:20	43202 MVIL_T2	1	27	26	0.2	0.16	-0.04	-0.59	-0.62	0	0	0	0	0	0
2/14/2024 14:20	54204 PENN_T2	1	1	0	0.1	0.1	0	0	0	0	0	0	0	0	0
2/14/2024 14:20	43302 WATS_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/14/2024 14:21	54201 PENN_T1	48	99	51	0.29	0.3	0.01	0	0	0	0	0	0	0	0
2/14/2024 14:21	43302 WATS_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/14/2024 14:21	57304 MOAL_T2	121	182	61	0.77	0.77	0	-0.47	-0.43	0	0	0	0	0	0
2/14/2024 14:21	49803 UNIV_T1	1	7	6	0.7	0.23	-0.47	0	0	0	0	0	0	0	0
2/14/2024 14:21	42701 AUGU_T1	0	0	0	0	0	0	0	0	2	2	0	1800	1800	0
2/14/2024 14:21	67002 STHI_T2	249	311	62	0.19	0.2	0.01	0.64	0.63	0	0	0	0	0	0
2/14/2024 14:22	44505 HAMI_T2	15	13	-2	1.02	1.8	0.78	-0.01	-0.01	0	0	0	0	0	0
2/14/2024 14:22	59102 WALK_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/14/2024 14:22	43301 WATS_T2	1	1	0	0.1	0.6	0.5	-0.72	-0.74	1	1	0	900	900	0
2/14/2024 14:22	46003 BERW_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/14/2024 14:22	43001 ALWD_T1	3	1	-2	0.23	0.2	-0.03	0	0	0	0	0	0	0	0
2/14/2024 14:23	45501 DERR_T2	1	1	0	0.1	0.4	0.3	0.77	0.81	2	2	0	1800	1800	0
2/14/2024 14:23	20401 ASHF_T2	4	7	3	0.65	0.8	0.15	0	0	0	0	0	0	0	0
2/14/2024 14:23	46004 BERW_T2	0	0	0	0	0	0	-0.35	-0.37	0	0	0	0	0	0
2/14/2024 14:23	10805 CHHI_T2	7	7	0	2.06	2.93	0.87	-0.49	-0.44	0	0	0	0	0	0
2/14/2024 14:23	67605 WARW_T1	28	38	10	0.55	0.66	0.11	-1.03	-1.04	0	0	0	0	0	0
2/14/2024 14:23	67001 STHI_T2	597	674	77	0.23	0.25	0.02	0	0	0	0	0	0	0	0
2/14/2024 14:23	42701 AUGU_T1	0	0	0	0	0	0	0	0	4	4	0	3600	3600	0
2/14/2024 14:24	20403 ASHF_T2	0	0	0	0	0	0	0.31	0.29	0	0	0	0	0	0
2/14/2024 14:24	44503 HAMI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/14/2024 14:24	28602 BLYT_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/14/2024 14:24	16102 BING_T2	3	7	4	0.47	0.4	-0.07	0	0	0	0	0	0	0	0
2/14/2024 14:24	44302 BEAV_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/14/2024 14:24	45502 DERR_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/14/2024 14:25	43304 WATS_T2	0	0	0	0	0	0	-0.52	-0.53	0	0	0	0	0	0
2/14/2024 14:25	59102 WALK_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/14/2024 14:25	54206 PENN_T2	8	8	0	0.18	0.23	0.05	0	0	0	0	0	0	0	0
2/14/2024 14:25	67002 STHI_T2	249	311	62	0.19	0.2	0.01	0.63	0.62	0	0	0	0	0	0
2/14/2024 14:25	46005 BERW_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/14/2024 14:26	53502 EVIL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/14/2024 14:26	56501 ROCK_T2	8	10	2	0.33	0.3	-0.03	0	0	0	0	0	0	0	0
2/14/2024 14:27	10801 CHHI_T1	1	2	1	1.5	0.9	-0.6	-0.96	-0.92	1	1	0	900	900	0
2/14/2024 14:27	43001 ALWD_T1	3	1	-2	0.23	0.2	-0.03	0	0	0	0	0	0	0	0
2/14/2024 14:27	53902 HALI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/14/2024 14:27	40101 HUNT_T2	349	319	-30	0.92	0.81	-0.11	-0.4	-0.42	0	0	0	0	0	0
2/14/2024 14:27	41801 GOCI_T2	168	96	-72	1.1	0.41	-0.69	0	0	0	0	0	0	0	0
2/14/2024 14:28	64703 LITI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/14/2024 14:28	41802 GOCI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/14/2024 14:29	53502 EVIL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/14/2024 14:29	54501 ENOL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/14/2024 14:29	47101 MARL_T1	41	45	4	1.45	1.29	-0.16	-1.74	-1.65	1	1	0	600	600	0
2/14/2024 14:29	53901 HALI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/14/2024 14:30	51108 CARL_T1	1	1	0	0.4	0.3	-0.1	0	0	0	0	0	0	0	0
2/14/2024 14:30	47101 MARL_T1	39	49	10	1.4	0.96	-0.44	-3.48	-3.3	2	2	0	1200	1200	0
2/14/2024 14:30	43202 MVIL_T2	27	11	-16	0.16	0.15	-0.01	-0.62	-0.63	0	0	0	0	0	0
2/14/2024 14:30	56501 ROCK_T2	7	13	6	0.34	0.28	-0.06	-1.58	-1.57	0	0	0	0	0	0
2/14/2024 14:30	40101 HUNT_T2	300	335	35	1.04	0.57	-0.47	-0.79	-0.83	0	0	0	0	0	0
2/14/2024 14:31	42002 MNVL_T2	1	1	0	7.5	6.8	-0.7	0	0	0	0	0	0	0	0
2/14/2024 14:31	46803 HEPB_T2	3	2	-1	0.27	0.15	-0.12	0	0	0	0	0	0	0	0
2/14/2024 14:31	57302 MOAL_T2	0	1	1	0	0	0	0	0	0	0	0	0	0	0
2/14/2024 14:31	47104 MARL_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/14/2024 14:31	26402 INOR_T1	2	2	0	0.6	0.3	-0.3	0	0	0	0	0	0	0	0
2/14/2024 14:31	43201 MVIL_T2	0	1	1	0	0.1	0.1	-0.33	-0.29	0	0	0	0	0	0
2/14/2024 14:32	47104 MARL_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/14/2024 14:32	54202 PENN_T2	7	30	23	0.14	0.13	-0.01	0	0	0	0	0	0	0	0
2/14/2024 14:32	64203 KINZ_T1	0	0	0	0	0	0	-0.41	-0.29	3	3	0	2100	2100	0
2/14/2024 14:32	47102 MARL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/14/2024 14:33	56504 ROCK_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/14/2024 14:33	47101 MARL_T1	39	49	10	1.4	0.96	-0.44	-1.74	-1.65	1	1	0	600	600	0
2/14/2024 14:33	64802 MONE_T2	15	39	24	0.29	0.23	-0.06	-0.01	-0.01	0	0	0	0	0	0
2/14/2024 14:34	57303 MOAL_T2	1	1	0	6.6	6.5	-0.1	0	0	0	0	0	0	0	0
2/14/2024 14:34	67002 STHI_T2	308	84	-224	0.2	0.17	-0.03	0.63	0.62	0	0	0	0	0	0
2/14/2024 14:34	47104 MARL_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/14/2024 14:34	42203 SHEN_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/14/2024 14:34	54204 PENN_T2	0	1	1	0	0.1	0.1	0	0	0	0	0	0	0	0
2/14/2024 14:35	67001 STHI_T2	672	330	-342	0.25	0.15	-0.1	0.13	0.12	0	0	0	0	0	0
2/14/2024 14:35	56501 ROCK_T2	7	13	6	0.34	0.28	-0.06	-1.58	-1.57	0	0	0	0	0	0
2/14/2024 14:35	43201 MVIL_T2	0	1	1	0	0.1	0.1	0	0	0	0	0	0	0	0
2/14/2024 14:35	58402 MORO_T1	0	0	0	0	0	0	-0.02	-0.09	2	2	0	1500	1500	0
2/14/2024 14:35	49803 UNIV_T1	3	7	4	0.4	0.16	-0.24	-1.12	-1.1	0	0	0	0	0	0
2/14/2024 14:35	67002 STHI_T2	308	84	-224	0.2	0.17	-0.03	0.63	0.62	0	0	0	0	0	0
2/14/2024 14:36	43301 WATS_T2	1	1	0	0.3	0.6	0.3	-0.74	-0.74	1	1	0	900	900	0
2/14/2024 14:36	67002 STHI_T2	308	84	-224	0.2	0.17	-0.03	0.63	0.62	0	0	0	0	0	0
2/14/2024 14:36	43304 WATS_T2	0	0	0	0	0	0	-0.52	-0.53	0	0	0	0	0	0
2/14/2024 14:36	67001 STHI_T2	672	330	-342	0.25	0.15	-0.1	0.13	0.12	0	0	0	0	0	0
2/14/2024 14:36	64801 MONE_T2	4	10	6	0.68	0.34	-0.34	-0.31	-0.3	0	0	0	0	0	0
2/14/2024 14:36	57401 SPAN_T1	3	3	0	0.67	0.73	0.06	-0.35	-0.35	0	0	0	0	0	0
2/14/2024 14:37	49804 UNIV_T1	0	1	1	0	0.1	0.1	0.56	0.46	0	0	0	0	0	0
2/14/2024 14:37	59102 WALK_T2	0	1	1	0	0.1	0.1	0	0	0	0	0	0	0	0
2/14/2024 14:37	67402 WAKE_T2	0	0	0	0	0	0	1.02	-0.67	2	2	0	1200	1200	0
2/14/2024 14:37	43304 WATS_T2	0	0	0	0	0	0	-0.52	-0.53	0	0	0	0	0	0
2/14/2024 14:37	67002 STHI_T2	308	84	-224	0.2	0.17	-0.03	0.63	0.62	0	0	0	0	0	0
2/14/2024 14:37	42701 AUGU_T1	0	0	0	0	0	0	0	0	2	2	0	1800	1800	0
2/14/2024 14:37	60701 BREC_T1	0	0	0	0	0	0	-0.43	0.14	2	1	-1	1200	600	-600
2/14/2024 14:38	43303 WATS_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/14/2024 14:38	44502 HAMI_T2	1	1	0	2.5	2.7	0.2	0	0	0	0	0	0	0	0
2/14/2024 14:38	67002 STHI_T2	308	84	-224	0.2	0.17	-0.03	0	0	0	0	0	0	0	0
2/14/2024 14:38	59101 WALK_T2	0	0	0	0	0	0	1.87	1.65	0	0	0	0	0	0
2/14/2024 14:38	42201 SHEN_T2	1	1	0	0.9	1	0.1	-0.08	-0.07	1	1	0	600	600	0
2/14/2024 14:38	10801 CHHI_T1	2	2	0	0.9	0.75	-0.15	-0.92	-0.93	1	1	0	900	900	0
2/14/2024 14:38	67603 WARW_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/14/2024 14:38	20403 ASHF_T2	0	0	0	0	0	0	0.29	0.28	0	0	0	0	0	0
2/14/2024 14:38	29402 BELT_T1	5	11	6	1.58	0.92	-0.66	0	0	0	0	0	0	0	0
2/14/2024 14:38	43001 ALWD_T1	1	1	0	0.2	0.2	0	0	0	0	0	0	0	0	0
2/14/2024 14:38	60701 BREC_T1	0	0	0	0	0	0	0.14	0.17	2	1	-1	1200	600	-600
2/14/2024 14:38	42701 AUGU_T1	0	0	0	0	0	0	0	0	2	2	0	1800	1800	0
2/14/2024 14:39	42903 MIDD_T2	0	0	0	0	0	0	0.09	0.47	1	1	0	1200	1200	0
2/14/2024 14:39	29401 BELT_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/14/2024 14:39	43304 WATS_T2	0	0	0	0	0	0	-0.53	-0.57	0	0	0	0	0	0
2/14/2024 14:39	44502 HAMI_T2	1	1	0	2.5	2.7	0.2	0	0	0	0	0	0	0	0
2/14/2024 14:39	42701 AUGU_T1	0	0	0	0	0	0	0	0	2	2	0	1800	1800	0
2/14/2024 14:39	46003 BERW_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/14/2024 14:39	10805 CHHI_T2	7	7	0	2.94	2.59	-0.35	-0.44	-0.87	0	0	0	0	0	0
2/14/2024 14:39	45501 DERR_T2	1	1	0	0.3	0.4	0.1	1.61	1.6	4	4	0	3600	3600	0
2/14/2024 14:39	67002 STHI_T2	308	84	-224	0.2	0.17	-0.03	0.62	0.61	0	0	0	0	0	0
2/14/2024 14:39	47104 MARL_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/14/2024 14:40	42902 MIDD_T2	3	1	-2	1.07	1.7	0.63	-0.33	-0.32	0	0	0	0	0	0
2/14/2024 14:40	56503 ROCK_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/14/2024 14:40	44302 BEAV_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/14/2024 14:40	52503 PROG_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/14/2024 14:40	27503 WEIS_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/14/2024 14:40	28602 BLYT_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/14/2024 14:40	43304 WATS_T2	0	0	0	0	0	0	-0.53	-0.57	0	0	0	0	0	0
2/14/2024 14:40	45501 DERR_T2	1	1	0	0.3	0.4	0.1	0.81	0.8	2	2	0	1800	1800	0
2/14/2024 14:41	43302 WATS_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/14/2024 14:41	20401 ASHF_T2	5	7	2	0.56	0.81	0.25	0	0	0	0	0	0	0	0
2/14/2024 14:41	60803 BUCK_T1	0	1	1	0	0.1	0.1	-0.54	-0.53	1	1	0	600	600	0
2/14/2024 14:42	41801 GOCI_T2	88	91	3	0.36	0.42	0.06	0	0	0	0	0	0	0	0
2/14/2024 14:42	67401 WAKE_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/14/2024 14:42	54206 PENN_T2	6	8	2	0.18	0.23	0.05	0	0	0	0	0	0	0	0
2/14/2024 14:42	29402 BELT_T1	5	11	6	1.58	0.92	-0.66	0	0	0	0	0	0	0	0
2/14/2024 14:42	60701 BREC_T1	0	0	0	0	0	0	0.29	0.34	2	2	0	1200	1200	0
2/14/2024 14:42	40101 HUNT_T2	300	335	35	1.04	0.57	-0.47	-0.42	-0.42	0	0	0	0	0	0
2/14/2024 14:42	60801 BUCK_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/14/2024 14:43	53903 HALI_T2	1	24	23	0.1	0.14	0.04	-0.2	-0.2	0	0	0	0	0	0
2/14/2024 14:43	25404 LAHA_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/14/2024 14:43	41801 GOCI_T2	88	91	3	0.36	0.42	0.06	0	0	0	0	0	0	0	0
2/14/2024 14:44	47101 MARL_T1	39	49	10	1.4	0.96	-0.44	-1.65	-1.8	1	1	0	600	600	0
2/14/2024 14:44	53901 HALI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/14/2024 14:44	51101 CARL_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/14/2024 14:44	42902 MIDD_T2	3	1	-2	1.07	1.7	0.63	0	0	0	0	0	0	0	0
2/14/2024 14:44	41801 GOCI_T2	88	91	3	0.36	0.42	0.06	0	0	0	0	0	0	0	0

2/14/2024 14:54	57403 SPAN_T1	15	14	-1	0.24	0.21	-0.03	0.1	0.13	0	0	0	0	0	0
2/14/2024 14:54	67502 WEWI_T2	1	1	0	0.2	0.5	0.3	0	0	0	0	0	0	0	0
2/14/2024 14:54	56802 BENV_T2	17	3	-14	2.75	0.4	-2.35	-0.7	-0.72	0	0	0	0	0	0
2/14/2024 14:56	56803 BENV_T1	3	3	0	0.73	0.7	-0.03	0	0	0	0	0	0	0	0
2/14/2024 14:56	53501 EVIL_T2	2	1	-1	0.45	0.8	0.35	-0.65	-0.6	1	1	0	600	600	0
2/14/2024 14:58	53502 EVIL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/14/2024 14:58	43001 ALWD_T1	0	1	1	0	0.2	0.2	0	0	0	0	0	0	0	0
2/14/2024 14:58	54502 ENOL_T2	0	0	0	0	0	0	-1.16	-1.17	1	1	0	600	600	0
2/14/2024 14:58	67401 WAKE_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/14/2024 14:59	54503 ENOL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/14/2024 15:00	53501 EVIL_T2	1	2	1	0.8	0.45	-0.35	-0.65	-0.6	1	1	0	600	600	0
2/14/2024 15:00	65503 MOJD_T2	1	1	0	0.2	0.1	-0.1	-1.28	-1.36	1	1	0	900	900	0
2/14/2024 15:01	14403 SSLA_T1	0	0	0	0	0	0	0.95	0.98	0	0	0	0	0	0
2/14/2024 15:01	26401 INOR_T1	1	4	3	0.2	0	-0.2	1	1.01	0	0	0	0	0	0
2/14/2024 15:01	54501 ENOL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/14/2024 15:02	60604 NCOL_T2	0	0	0	0	0	0	0.39	0.32	0	0	0	0	0	0
2/14/2024 15:02	54504 ENOL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/14/2024 15:02	14404 SSLA_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/14/2024 15:02	40101 HUNT_T2	232	158	-74	0.56	0.54	-0.02	-0.42	-0.44	0	0	0	0	0	0
2/14/2024 15:03	60604 NCOL_T2	0	0	0	0	0	0	0.39	0.32	0	0	0	0	0	0
2/14/2024 15:03	54501 ENOL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/14/2024 15:03	26402 INOR_T1	2	1	-1	0.15	0.1	-0.05	0	0	0	0	0	0	0	0
2/14/2024 15:04	65002 NEFF_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/14/2024 15:05	40902 JESH_T1	0	0	0	0	0	0	-0.77	-0.81	0	0	0	0	0	0
2/14/2024 15:05	65503 MOJD_T2	1	1	0	0.2	0.1	-0.1	-1.28	-1.36	1	1	0	900	900	0
2/14/2024 15:05	49803 UNIV_T1	1	0	-1	0.1	0	-0.1	-0.94	-1	0	0	0	0	0	0
2/14/2024 15:08	67402 WAKE_T2	0	0	0	0	0	0	-0.35	-0.35	1	1	0	600	600	0
2/14/2024 15:08	60101 COCA_T1	0	0	0	0	0	0	0.31	0.27	0	0	0	0	0	0
2/14/2024 15:08	60201 ATGL_T2	0	0	0	0	0	0	0.33	0.4	1	1	0	300	300	0
2/14/2024 15:10	46002 BERW_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/14/2024 15:14	41002 LAUR_T2	27	27	0	0.29	0.3	0.01	-2.04	-2	0	0	0	0	0	0
2/14/2024 15:14	47101 MARL_T1	37	37	0	0.65	1.11	0.46	-3.54	-3.44	2	2	0	1200	1200	0
2/14/2024 15:14	67402 WAKE_T2	0	0	0	0	0	0	-0.35	-0.35	1	1	0	600	600	0
2/14/2024 15:14	43001 ALWD_T1	1	0	-1	0.2	0	-0.2	0	0	0	0	0	0	0	0
2/14/2024 15:15	64703 LITI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/14/2024 15:16	47101 MARL_T1	28	49	21	1.24	0.72	-0.52	-1.77	-1.72	1	1	0	600	600	0
2/14/2024 15:16	13503 MCMI_T2	1	1	0	0.1	0.2	0.1	-0.81	-0.83	0	0	0	0	0	0
2/14/2024 15:17	47101 MARL_T1	28	49	21	1.24	0.72	-0.52	-1.77	-1.72	1	1	0	600	600	0
2/14/2024 15:18	41601 CLEV_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/14/2024 15:18	64801 MONE_T2	18	7	-11	0.34	0.26	-0.08	-0.29	-0.3	0	0	0	0	0	0
2/14/2024 15:18	47101 MARL_T1	28	49	21	1.24	0.72	-0.52	-1.77	-1.72	1	1	0	600	600	0
2/14/2024 15:19	56503 ROCK_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/14/2024 15:19	47101 MARL_T1	28	49	21	1.24	0.72	-0.52	-3.54	-3.44	2	2	0	1200	1200	0
2/14/2024 15:19	13503 MCMI_T2	1	1	0	0.1	0.2	0.1	-0.81	-0.83	0	0	0	0	0	0
2/14/2024 15:19	43001 ALWD_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/14/2024 15:20	15704 TANN_T1	0	0	0	0	0	0	-1.11	-1.07	0	0	0	0	0	0
2/14/2024 15:21	47101 MARL_T1	28	49	21	1.24	0.72	-0.52	-1.77	-1.72	1	1	0	600	600	0
2/14/2024 15:22	43303 WATS_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/14/2024 15:22	56503 ROCK_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/14/2024 15:22	53803 MBRG_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/14/2024 15:23	56501 ROCK_T2	53	15	-38	0.17	0.2	0.03	-1.51	-1.54	0	0	0	0	0	0
2/14/2024 15:24	67402 WAKE_T2	0	0	0	0	0	0	-0.35	-0.37	1	1	0	600	600	0
2/14/2024 15:25	46003 BERW_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/14/2024 15:25	20601 GRWO_T2	0	0	0	0	0	0	1.35	1.35	0	0	0	0	0	0
2/14/2024 15:25	46005 BERW_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/14/2024 15:25	15001 BLMO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/14/2024 15:25	43001 ALWD_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/14/2024 15:26	17804 GILB_T2	0	0	0	0	0	0	-0.54	-0.53	0	0	0	0	0	0
2/14/2024 15:26	15001 BLMO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/14/2024 15:27	17801 GILB_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/14/2024 15:28	40101 HUNT_T2	113	217	104	0.55	0.51	-0.04	-0.42	-0.42	0	0	0	0	0	0
2/14/2024 15:29	67401 WAKE_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/14/2024 15:30	20601 GRWO_T2	0	11	11	0	0	0	1.35	1.35	0	0	0	0	0	0
2/14/2024 15:30	43001 ALWD_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/14/2024 15:31	64703 LITI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/14/2024 15:31	65003 NEFF_T2	6	6	0	0.25	0.18	-0.07	0	0	0	0	0	0	0	0
2/14/2024 15:31	47101 MARL_T1	31	80	49	0.87	0.75	-0.12	-1.72	-1.77	1	1	0	600	600	0
2/14/2024 15:32	65604 QVIL_T2	0	0	0	0	0	0	0.36	0.39	0	0	0	0	0	0
2/14/2024 15:32	26402 INOR_T1	1	5	4	0.1	0.12	0.02	0	0	0	0	0	0	0	0
2/14/2024 15:34	44503 HAMI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/14/2024 15:34	48303 ORWI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/14/2024 15:35	65601 QVIL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/14/2024 15:37	47101 MARL_T1	31	80	49	0.87	0.75	-0.12	-1.72	-1.77	1	1	0	600	600	0
2/14/2024 15:37	42701 AUGU_T1	0	0	0	0	0	0	0	0	2	2	0	1800	1800	0
2/14/2024 15:37	67503 WEWI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/14/2024 15:38	44502 HAMI_T2	1	1	0	2.7	2.9	0.2	0	0	0	0	0	0	0	0
2/14/2024 15:40	67502 WEWI_T2	1	1	0	0.3	0.3	0	-0.73	-0.65	0	0	0	0	0	0
2/14/2024 15:40	67401 WAKE_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/14/2024 15:42	17801 GILB_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/14/2024 15:45	67402 WAKE_T2	0	0	0	0	0	0	-0.37	-0.35	1	1	0	600	600	0
2/14/2024 15:47	61101 BERK_T5	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/14/2024 15:47	47104 MARL_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/14/2024 15:50	67401 WAKE_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/14/2024 15:52	47101 MARL_T1	45	85	40	0.76	0.83	0.07	-1.77	-1.65	1	1	0	600	600	0
2/14/2024 15:55	27102 GFLD_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/14/2024 15:55	47401 PENS_T1	0	0	0	0	0	0	1.84	1.97	0	0	0	0	0	0
2/14/2024 15:56	60701 BREC_T1	2	119	117	0.1	0.15	0.05	-0.46	-0.54	1	1	0	600	600	0
2/14/2024 15:56	67401 WAKE_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/14/2024 15:57	47402 PENS_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/14/2024 15:59	47104 MARL_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/14/2024 16:01	60701 BREC_T1	55	113	58	0.12	0.15	0.03	-0.46	-0.54	1	1	0	600	600	0
2/14/2024 16:02	14401 SSLA_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/14/2024 16:03	47104 MARL_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/14/2024 16:04	56504 ROCK_T2	0	0	0	0	0	0	-0.25	-0.29	0	0	0	0	0	0
2/14/2024 16:06	67402 WAKE_T2	0	0	0	0	0	0	-0.35	-0.34	1	1	0	600	600	0
2/14/2024 16:06	60701 BREC_T1	55	113	58	0.12	0.15	0.03	-0.46	-0.54	1	1	0	600	600	0
2/14/2024 16:08	45501 DERR_T2	0	0	0	0	0	0	0.49	0.4	2	2	0	1800	1800	0
2/14/2024 16:08	47104 MARL_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/14/2024 16:09	45501 DERR_T2	0	0	0	0	0	0	0.49	0.4	2	2	0	1800	1800	0
2/14/2024 16:11	45501 DERR_T2	0	0	0	0	0	0	0.49	0.4	2	2	0	1800	1800	0
2/14/2024 16:11	67401 WAKE_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/14/2024 16:12	60701 BREC_T1	55	113	58	0.12	0.15	0.03	-0.54	-0.52	1	1	0	600	600	0
2/14/2024 16:13	47104 MARL_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/14/2024 16:13	45502 DERR_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/14/2024 16:19	47104 MARL_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/14/2024 16:22	67402 WAKE_T2	0	0	0	0	0	0	-0.34	-0.32	1	1	0	600	600	0
2/14/2024 16:27	67402 WAKE_T2	0	0	0	0	0	0	-0.32	-0.34	1	1	0	600	600	0
2/14/2024 16:29	47104 MARL_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/14/2024 16:35	47101 MARL_T1	127	219	92	1.17	1.13	-0.04	-1.5	-1.61	1	1	0	600	600	0
2/14/2024 16:38	67402 WAKE_T2	0	0	0	0	0	0	-0.34	-0.33	1	1	0	600	600	0
2/14/2024 16:43	67402 WAKE_T2	0	0	0	0	0	0	-0.34	-0.33	1	1	0	600	600	0
2/14/2024 16:49	65001 NEFF_T2	40	5	-35	0.14	0.18	0.04	-0.63	-0.68	1	1	0	1200	1200	0
2/14/2024 16:52	20603 GRWO_T2	16	32	16	0.21	0.27	0.06	0	0	0	0	0	0	0	0
2/14/2024 16:53	67402 WAKE_T2	0	0	0	0	0	0	-0.33	-0.32	1	1	0	600	600	0
2/14/2024 16:54	49803 UNIV_T1	0	0	0	0	0	0	-1.05	-1.09	0	0	0	0	0	0
2/14/2024 16:57	46203 DANV_T2	57	44	-13	0.4	0.29	-0.11	0	0	0	0	0	0	0	0
2/14/2024 16:58	46206 DANV_T2	0	1	1	0	0	0	3.04	3.04	1	1	0	1200	1200	0
2/14/2024 16:59	67402 WAKE_T2	0	0	0	0	0	0	-0.33	-0.32	1	1	0	600	600	0
2/14/2024 17:08	49803 UNIV_T1	0	0	0	0	0	0	-1.09	-1.06	0	0	0	0	0	0
2/14/2024 17:16	25404 LAHA_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/14/2024 17:20	47104 MARL_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/14/2024 17:27	47802 MOCA_T2	0	0	0	0	0	0	-0.91	-0.9	0	0	0	0	0	0
2/14/2024 17:53	13903 SEID_T1	0	0	0	0	0	0	-0.03	0	1	1	0	600	600	0
2/14/2024 17:58	65005 NEFF_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/14/2024 18:11	46202 DANV_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/14/2024 18:13	46204 DANV_T2	0	1	1	0	0	0	0	0	0	0	0	0	0	0
2/14/2024 18:17	55002 NEWP_T1	0	2	2	0	0.2	0.2	0	0	0	0	0	0	0	0
2/14/2024 18:18	55001 NEWP_T1	162	140	-22	1.14	1.42	0.28	0	0	1	1	0	600	600	0
2/14/2024 19:05	60201 ATGL_T2	0	0	0	0	0	0	-0.31	-0.26	2	2	0	900	900	0
2/14/2024 19:06	40602 PIGR_T1	4	1	-3	0.18	0.2	0.02	-0.49	-0.48	0	0	0	0	0	0
2/14/2024 19:15	29401 BELT_T1	53	55	2	0.29	0.31	0.02	0	0	1	1	0	900	900	0
2/14/2024 19:16	65004 NEFF_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/14/2024 19:22	25402 LAHA_T2	28	39	11	0.76	0.5	-0.26	0.14	0.13	0	0	0	0	0	0
2/14/2024 19:29	27503 WEIS_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/14/2024 19:29	44601 SALE_T2	0	0	0	0	0	0	-0.06	-0.04	0	0	0	0	0	0
2/14/2024 19:31	17002 RIRO_T2	0	0	0	0	0	0	0.44	0.42	0	0	0	0	0	0
2/14/2024 19:31	55001 NEWP_T1	70	150	80	1.41	1.44	0.03	0	0	1	1	0	600	600	0
2/14/2024 19:31	67503 WEWI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/14/2024 19:32	42601 TUSC_T1	47	66	19	0.81	0.75	-0.06	-0.61	-0.73	2	2	0	1800	1800	0
2/14/2024 19:33	13503 MCMI_T2	0	0	0	0	0	0	-0.6	-0.61	0	0	0	0	0	0
2/14/2024 19:34	27502 WEIS_T2	0	0	0	0	0	0	-0.37	-0.37	0	0	0	0	0	0
2/14/2024 19:34	26401 INOR_T1	2	2	0	0.35	0	-0.35	0.5	0.51	0	0	0	0	0	0
2/14/2024 19:36	27101 GFLD_T2	0	2	2	0	0	0	0.39	0.4	0	0	0	0	0	0
2/14/2024 19:36	29402 BELT_T1	25	60	35	0.43	0.51	0.08	0	0	0	0	0	0	0	0
2/14/2024 19:36	43202 MVIL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/14/2024 19:36	26402 INOR_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/14/2024 19:36	47402 PENS_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/14/2024 19:37	64204 KINZ_T1	1	1	0	0.9	1.1	0.2	0	0	0	0	0	0	0	0
2/14/2024 19:37	29402 BELT_T1	25	60	35	0.43	0.51	0.08	0	0	0	0	0	0	0	0
2/14/2024 19:37	15001 BLMO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/14/2024 19:37	15704 TANN_T1	0	1	1	0	0	0	-0.95	-0.95	0	0	0	0	0	0
2/14/2024 19:38	10805 CHHI_T2	1	1	0	7.3	6.8	-0.5	-0.99	-0.95	1	1	0	600	600	0
2/14/2024 19:38	29402 BELT_T1	25	60	35	0.43	0.51	0.08	0	0	0	0	0	0	0	0
2/14/2024 19:38	17802 GILB_T1	0	0	0	0	0	0	0.25	0.26	0	0	0	0	0	0
2/14/2024 19:38	15001 BLMO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/14/2024 19:39	17801 GILB_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/14/2024 19:39	40101 HUNT_T2	697	656	-41	1.7	1.3	-0.4	-0.37	-0.38	0	0	0	0	0	0
2/14/2024 19:39	60801 BUCK_T1	0	0	0	0	0	0	-0.83	-0.85	1	1	0	600	600	0
2/14/2024 19:40	67001 STHI_T2	1	5	4	0.7	0.24	-0.46	0	0	0	0	0	0	0	0
2/14/2024 19:40	49803 UNIV_T1	0	0	0	0	0	0	-0.93	-1.01	0	0	0	0	0	0
2/14/2024 19:40	47001 HUGH_T2	0	0	0	0	0	0	-0.53	-0.52	0	0	0	0	0	0
2/14/2024 19:40	42601 TUSC_T1	47	66	19	0.81	0.75	-0.06	-0.73	-0.73	2	2	0	1800	1800	0
2/14/2024 19:40	46005 BERW_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/14/2024 19:41	60801 BUCK_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/14/2024 19:41	14401 SSLA_T1	1	0	-1	0.2	0	-0.2	0	0	0	0	0	0	0	0
2/14/2024 19:41	57401 SPAN_T1	0	2	2	0	0.25	0.25	-0.67	-0.64	1	1	0	600	600	0
2/14/2024 19:41	64801 MONE_T2	0	0	0	0	0	0	-0.18	-0.19	0	0	0	0	0	0
2/14/2024 19:41	40101 HUNT_T2	697	656	-41	1.7	1.3	-0.4	-0.37	-0.38	0	0	0	0	0	0
2/14/2024 19:41	13503 MCMI_T2	0	0	0	0	0	0	-0.61	-0.62	0	0	0	0	0	0
2/14/2024 19:42	46206 DANV_T2	2	2	0	0.95	0.7	-0.25	0	0	0	0	0	0	0	0
2/14/2024 19:42	41801 GOCI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/14/2024 19:42	66504 SMAN_T2	0	0	0	0	0	0	-0.74	-0.84	0	0	0	0	0	0
2/14/2024 19:42	25404 LAHA_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/14/2024 19:42	44504 HAMI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/14/2024 19:43	42701 AUGU_T1	2	2	0	0.55	0.5	-0.05	0	0	2	2	0	1800	1800	0
2/14/2024 19:43	17804 GILB_T2	0	0	0	0	0	0	-0.48	-0.44	0	0	0	0	0	0
2/14/2024 19:43	53502 EVIL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/14/2024 19:43	67002 STHI_T2	0	5	5	0	0.1	0.1	0.6	0.63	0	0	0	0	0	0
2/14/2024 19:43	57401 SPAN_T1	0	2	2	0	0.25	0.25	-0.67	-0.64	1	1	0	600	600	0
2/14/2024 19:43	57403 SPAN_T1	0	0	0	0	0	0	0.19	0.14	0	0	0	0	0	0
2/14/2024 19:43	45501 DERR_T2	3	0	-3	0.33	0	-0.33	0.89	0.79	2	2	0	1800	1800	0
2

2/14/2024 19:46	13503 MCMI_T2	0	1	0	0	0	0	-0.61	-0.62	0	0	0	0	0	0
2/14/2024 19:47	54501 ENOL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/14/2024 19:47	65003 NEFF_T2	1	4	3	0.1	0.15	0.05	0	0	0	0	0	0	0	0
2/14/2024 19:47	56503 ROCK_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/14/2024 19:47	65603 CJVIL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/14/2024 19:47	43402 BENT_T1	0	0	0	0	0	0	-1.55	-1.53	2	2	0	1500	1500	0
2/14/2024 19:47	20402 ASHF_T2	5	2	-3	0.34	0.2	-0.14	0	0	0	0	0	0	0	0
2/14/2024 19:47	56504 ROCK_T2	0	0	0	0	0	0	-0.06	-0.15	0	0	0	0	0	0
2/14/2024 19:47	53901 HAU_T2	0	2	2	0	0.15	0.15	0	0	0	0	0	0	0	0
2/14/2024 19:47	58401 MORO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/14/2024 19:47	67002 STHI_T2	0	14	14	0	0.13	0.13	0.6	0.63	0	0	0	0	0	0
2/14/2024 19:48	49803 UNIV_T1	0	0	0	0	0	0	-0.93	-1.01	0	0	0	0	0	0
2/14/2024 19:48	65503 MOJO_T2	0	0	0	0	0	0	-0.51	-0.5	0	0	0	0	0	0
2/14/2024 19:48	47402 PENS_T1	0	1	1	0	0	0	0	0	0	0	0	0	0	0
2/14/2024 19:48	65002 NEFF_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/14/2024 19:48	46003 BERW_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/14/2024 19:48	67503 WEWI_T2	0	0	0	0	0	0	0.06	0.08	0	0	0	0	0	0
2/14/2024 19:48	67001 STHI_T2	2	61	59	0.4	0.12	-0.28	0.14	0.14	0	0	0	0	0	0
2/14/2024 19:48	43303 WATS_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/14/2024 19:48	23901 EFMO_T2	1	7	6	0.1	0.17	0.07	-0.76	-0.77	0	0	0	0	0	0
2/14/2024 19:48	54206 PENN_T2	3	5	2	0.13	0.2	0.07	0	-0.03	0	0	0	0	0	0
2/14/2024 19:48	59102 WALK_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/14/2024 19:48	59201 THOM_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/14/2024 19:49	56503 ROCK_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/14/2024 19:49	54502 ENOL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/14/2024 19:49	59102 WALK_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/14/2024 19:49	42903 MIDD_T2	2	2	0	0.45	0.5	0.05	0	0	0	0	0	0	0	0
2/14/2024 19:49	54501 ENOL_T2	0	0	0	0	0	0	0.16	0.16	0	0	0	0	0	0
2/14/2024 19:49	54206 PENN_T2	3	5	2	0.13	0.2	0.07	0	-0.03	0	0	0	0	0	0
2/14/2024 19:49	41801 GOCI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/14/2024 19:49	54204 PENN_T2	2	2	0	0.2	0.5	0.3	0	0	0	0	0	0	0	0
2/14/2024 19:49	43202 MVIL_T2	0	0	0	0	0	0	-0.64	-0.6	0	0	0	0	0	0
2/14/2024 19:49	65502 MOJO_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/14/2024 19:49	55001 NEWP_T1	149	132	-17	1.61	1.4	-0.21	0	0	0	0	0	0	0	0
2/14/2024 19:49	45502 DERR_T2	1	0	-1	0.1	0	-0.1	0	0	0	0	0	0	0	0
2/14/2024 19:49	57401 SPAN_T1	2	2	0	0.15	0.25	0.1	0	0	0	0	0	0	0	0
2/14/2024 19:50	43304 WATS_T2	0	1	1	0	0	0	-0.68	-0.64	0	0	0	0	0	0
2/14/2024 19:50	44504 HAMI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/14/2024 19:50	61801 EEU_T2	0	0	0	0	0	0	-1.9	-1.9	2	2	0	1200	1200	0
2/14/2024 19:50	56801 BENV_T1	1	10	9	0.2	0.28	0.08	-0.58	-0.54	1	1	0	600	600	0
2/14/2024 19:50	53502 EVIL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/14/2024 19:50	40101 HUNT_T2	650	680	30	1.57	1.24	-0.33	-0.37	-0.38	0	0	0	0	0	0
2/14/2024 19:50	44301 BEAV_T2	0	0	0	0	0	0	-0.04	0.13	2	2	0	1200	1200	0
2/14/2024 19:50	43201 MVIL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/14/2024 19:50	59003 MIFF_T1	0	0	0	0	0	0	-0.6	-0.56	0	0	0	0	0	0
2/14/2024 19:50	43401 BENT_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/14/2024 19:51	46203 DANV_T2	9	17	8	0.39	0.36	-0.03	0	0	0	0	0	0	0	0
2/14/2024 19:51	43303 WATS_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/14/2024 19:51	41601 CLEV_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/14/2024 19:51	43301 WATS_T2	0	0	0	0	0	0	-0.69	-0.7	1	1	0	900	900	0
2/14/2024 19:51	67201 TEHI_T1	16	42	26	0.18	0.2	0.02	0	0	0	0	0	0	0	0
2/14/2024 19:51	44504 HAMI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/14/2024 19:51	67002 STHI_T2	0	14	14	0	0.13	0.13	0.6	0.63	0	0	0	0	0	0
2/14/2024 19:51	67604 WARW_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/14/2024 19:51	59102 WALK_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/14/2024 19:51	54203 PENN_T1	29	81	52	0.83	0.39	-0.44	0.02	0.04	0	0	0	0	0	0
2/14/2024 19:51	55002 NEWP_T1	0	2	2	0	0.2	0.2	-0.23	-0.22	0	0	0	0	0	0
2/14/2024 19:51	56803 BENV_T1	0	2	2	0	0	0	0	0	0	0	0	0	0	0
2/14/2024 19:51	60602 NCOL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/14/2024 19:51	47401 PENS_T1	0	0	0	0	0	0	1.07	0.93	0	0	0	0	0	0
2/14/2024 19:51	56503 ROCK_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/14/2024 19:51	60701 BREC_T1	0	0	0	0	0	0	-0.41	-0.4	1	1	0	600	600	0
2/14/2024 19:51	46801 HEPB_T2	0	0	0	0	0	0	0.68	0.69	0	0	0	0	0	0
2/14/2024 19:52	54502 ENOL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/14/2024 19:52	56501 ROCK_T2	1	1	0	0.9	0.5	-0.4	0	0	0	0	0	0	0	0
2/14/2024 19:52	43303 WATS_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/14/2024 19:52	54504 ENOL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/14/2024 19:52	67503 WEWI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/14/2024 19:52	67002 STHI_T2	0	14	14	0	0.13	0.13	0	0	0	0	0	0	0	0
2/14/2024 19:52	43301 WATS_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/14/2024 19:52	57401 SPAN_T1	2	2	0	0.15	0.25	0.1	-0.67	-0.64	1	1	0	600	600	0
2/14/2024 19:52	49803 UNIV_T1	0	0	0	0	0	0	-0.93	-1.01	0	0	0	0	0	0
2/14/2024 19:52	67402 WAKE_T2	0	0	0	0	0	0	-0.35	-0.32	1	1	0	600	600	0
2/14/2024 19:52	42701 AUGU_T1	1	11	10	0.1	0.23	0.13	0	0	2	2	0	1800	1800	0
2/14/2024 19:53	54504 ENOL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/14/2024 19:53	54501 ENOL_T2	0	0	0	0	0	0	0.16	0.18	0	0	0	0	0	0
2/14/2024 19:53	56501 ROCK_T2	1	1	0	0.9	0.5	-0.4	-2.67	-2.65	0	0	0	0	0	0
2/14/2024 19:53	46204 DANV_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/14/2024 19:53	51104 CARL_T1	1	1	0	0	0	0	0	0	0	0	0	0	0	0
2/14/2024 19:53	20402 ASHF_T2	5	2	-3	0.34	0.2	-0.14	0	0	0	0	0	0	0	0
2/14/2024 19:53	40603 PIGR_T1	5	1	-4	0.76	0.6	-0.16	0	0	0	0	0	0	0	0
2/14/2024 19:53	65903 SAKR_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/14/2024 19:53	46001 BERW_T1	0	0	0	0	0	0	1.79	2.13	0	0	0	0	0	0
2/14/2024 19:53	54503 ENOL_T2	0	0	0	0	0	0	-1.65	-1.69	1	1	0	600	600	0
2/14/2024 19:53	45703 LIND_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/14/2024 19:53	43001 ALWD_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/14/2024 19:53	59102 WALK_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/14/2024 19:53	42203 SHEN_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/14/2024 19:53	57403 SPAN_T1	0	0	0	0	0	0	0.14	0.19	0	0	0	0	0	0
2/14/2024 19:53	46701 RENO_T1	1	1	0	8.1	8	-0.1	0	0	0	0	0	0	0	0
2/14/2024 19:53	60701 BREC_T1	0	0	0	0	0	0	-0.4	-0.43	1	1	0	600	600	0
2/14/2024 19:53	56802 BENV_T2	0	0	0	0	0	0	-1.29	-1.24	0	0	0	0	0	0
2/14/2024 19:53	56503 ROCK_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/14/2024 19:53	15001 BLMQ_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/14/2024 19:54	40901 JESH_T1	1	0	-1	0.4	0	-0.4	0	0	0	0	0	0	0	0
2/14/2024 19:54	54502 ENOL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/14/2024 19:54	14401 SSLA_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/14/2024 19:54	43302 WATS_T2	4	4	0	0.28	0.35	0.07	0	0	0	0	0	0	0	0
2/14/2024 19:54	57302 MOAL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/14/2024 19:54	64801 MONE_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/14/2024 19:55	42903 MIDD_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/14/2024 19:55	42701 AUGU_T1	1	11	10	0.1	0.23	0.13	0	0	2	2	0	1800	1800	0
2/14/2024 19:55	14401 SSLA_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/14/2024 19:55	67002 STHI_T2	0	14	14	0	0.13	0.13	0.63	0.61	0	0	0	0	0	0
2/14/2024 19:55	58402 MORO_T1	0	0	0	0	0	0	-1.72	-1.84	6	6	0	4800	4800	0
2/14/2024 19:56	54502 ENOL_T2	0	0	0	0	0	0	-1.14	-1.14	1	1	0	600	600	0
2/14/2024 19:56	56503 ROCK_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/14/2024 19:56	57403 SPAN_T1	0	0	0	0	0	0	0.14	0.19	0	0	0	0	0	0
2/14/2024 19:57	54202 PENN_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/14/2024 19:57	67203 TEHI_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/14/2024 19:57	60602 NCOL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/14/2024 19:57	53502 EVIL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/14/2024 19:57	49803 UNIV_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/14/2024 19:58	41001 LAUR_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/14/2024 19:58	59102 WALK_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/14/2024 19:58	56802 BENV_T2	0	0	0	0	0	0	-1.29	-1.24	0	0	0	0	0	0
2/14/2024 19:59	44301 BEAV_T2	0	0	0	0	0	0	0.06	-0.08	1	1	0	600	600	0
2/14/2024 19:59	43303 WATS_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/14/2024 20:01	40101 HUNT_T2	607	659	52	1.33	1.25	-0.08	-0.38	-0.37	0	0	0	0	0	0
2/14/2024 20:07	54503 ENOL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/14/2024 20:09	65004 NEFF_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/14/2024 20:25	65002 NEFF_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/14/2024 20:36	60102 COCA_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/14/2024 20:48	20401 ASHF_T2	3	3	0	0.57	0.7	0.13	0	0	0	0	0	0	0	0
2/14/2024 20:50	53901 HAU_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/14/2024 20:54	44503 HAMI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/14/2024 21:12	65004 NEFF_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/14/2024 22:01	10801 CHHI_T1	0	0	0	0	0	0	-0.82	-0.83	1	1	0	900	900	0
2/14/2024 22:15	65005 NEFF_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/14/2024 22:35	65003 NEFF_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/14/2024 22:52	65004 NEFF_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/14/2024 23:23	65004 NEFF_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/14/2024 23:25	47104 MARL_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/14/2024 23:36	47104 MARL_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/14/2024 23:55	65003 NEFF_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/15/2024 0:08	46206 DANV_T2	1	2	1	0.1	0.5	0.4	0	0	0	0	0	0	0	0
2/15/2024 0:14	47104 MARL_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/15/2024 0:33	47101 MARL_T1	115	179	64	0.62	0.58	-0.04	-0.57	-0.67	1	1	0	600	600	0
2/15/2024 0:42	47101 MARL_T1	115	179	64	0.62	0.58	-0.04	-0.67	-1.51	1	1	0	600	600	0
2/15/2024 0:50	47101 MARL_T1	46	179	133	0.58	0.63	0.05	-0.67	-1.51	1	1	0	600	600	0
2/15/2024 0:51	47101 MARL_T1	46	179	133	0.58	0.63	0.05	-0.67	-1.51	1	1	0	600	600	0
2/15/2024 1:01	47102 MARL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/15/2024 1:08	65003 NEFF_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/15/2024 1:12	41002 LAUR_T2	38	34	-4	0.3	0.25	-0.05	-0.98	-0.99	0	0	0	0	0	0
2/15/2024 2:16	65004 NEFF_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/15/2024 2:35	20602 GRWO_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/15/2024 3:09	65003 NEFF_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/15/2024 3:14	65005 NEFF_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/15/2024 3:40	65004 NEFF_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/15/2024 3:47	47101 MARL_T1	105	207	102	0.54	0.4	-0.14	-1.29	-1.55	1	1	0	600	600	0
2/15/2024 3:48	47104 MARL_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/15/2024 3:50	47104 MARL_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/15/2024 3:52	47104 MARL_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/15/2024 3:55	47101 MARL_T1	105	207	102	0.54	0.4	-0.14	-1.55	-2.46	1	1	0	600	600	0
2/15/2024 3:55	13904 SEID_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/15/2024 3:56	47104 MARL_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/15/2024 3:58	47101 MARL_T1	105	207	102	0.54	0.4	-0.14	-1.55	-2.46	1	1	0	600	600	0
2/15/2024 4:33	65005 NEFF_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/15/2024 6:08	40502 CRES_T2	0	53	53	0	0	0	0.1	0.1	0	0	0	0	0	0
2/15/2024 6:11	40502 CRES_T2	0	53	53	0	0	0	0.19	0.19	0	0	0	0	0	0
2/15/2024 6:13	40502 CRES_T2	0	53	53	0	0	0	0.1	0.1	0	0	0	0	0	0
2/15/2024 6:17	40501 CRES_T2	0	1	1	0	0	0	0	0	0	0	0	0	0	0
2/15/2024 7:00	65003 NEFF_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/15/2024 7:51	43401 BENT_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/15/2024 7:52	44502 HAMI_T2	1	1	0	1.7	1.9	0.2	0	0	0	0	0	0	0	0
2/15/2024 7:53	44505 HAMI_T2	331	336	5	6.24	4.77	-1.47	-0.01	-0.01	0	0	0	0	0	0
2/15/2024 7:54	44505 HAMI_T2	331	336	5	6.24	4.77	-1.47	-0.01	-0.01	0	0	0	0	0	0
2/15/2024 7:55	46205 DANV_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/15/2024 7:55	43402 BENT_T1	0	0	0	0	0	0	-1.51	-0.91	2	1	-1	1500	900	-600
2/15/2024 7:56	44504 HAMI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/15/2024 7:56	46205 DANV_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/15/2024 7:58	65001 NEFF_T2	0	0	0	0	0	0	-0.43	-0.34	1	1	0	1200	1200	0
2/15/2024 8:01	20603 GRWO_T2	7	11	4	0.19	0.12	-0.07	0	0	0	0	0	0	0	0
2/15/2024 8:08	46203 DANV_T2	17	5	-12	0.53	0.15	-0.38	-1.24	-1.31	0	0	0	0	0	0
2/15/2024 8:09	45501 DERR_T2	6	2	-4	0.65	0.5	-0.15	1.2	1.17	2	2	0	1800	1800	0
2/15/2024 8:14	42601 TUSC_T1	32	58	26	1.17	0.65	-0.52	-0.44	-0.43	2	2	0	1800	1800	0
2/15/2024 8:17	42601 TUSC_T1	51	45	-6	0.73	0.69	-0.04	-0.44	-0.43	2	2	0	1800	1800	0
2/15/2024 8:21	49804 UNIV_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/15/2024 8:22	44502 HAMI_T2	1	1	0	1.9	1.9	0	0	0	0	0	0	0	0	0
2/15/2024 8:24	44503 HAMI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/15/2024 8:33	13901 SEID_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/15/2024 8:37	40101 HUNT_T2	444	371	-73	1.56	1.17	-0.39	-0.37	-0.37	0	0	0	0	0	0
2/15/2024 8:45	25404 LAHA_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/15/2024 8:57	65005 NEF

2/15/2024 9:14	42601 TUSC_T1	56	42	-14	0.58	0.6	0.02	-0.49	-0.51	2	2	0	1800	1800	0
2/15/2024 9:16	13503 MCMI_T2	0	1	1	0	0.1	0.1	-0.71	-0.73	0	0	0	0	0	0
2/15/2024 9:17	25404 LAHA_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/15/2024 9:17	47802 MOCA_T2	0	0	0	0	0	0	-0.91	-0.97	0	0	0	0	0	0
2/15/2024 9:17	42601 TUSC_T1	42	24	-18	0.84	0.29	-0.55	-0.49	-0.51	2	2	0	1800	1800	0
2/15/2024 9:18	58402 MORO_T1	0	44	44	0	0	0	-0.69	-0.73	3	3	0	2400	2400	0
2/15/2024 9:24	28601 BLYT_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/15/2024 9:25	28703 HAML_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/15/2024 9:25	41801 GOCI_T2	1	1	0	0.4	0.6	0.2	0	0	0	0	0	0	0	0
2/15/2024 9:26	41802 GOCI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/15/2024 9:27	29402 BELT_T1	7	5	-2	1.06	1.42	0.36	0	0	0	0	0	0	0	0
2/15/2024 9:33	47802 MOCA_T2	0	0	0	0	0	0	-0.97	-1.01	0	0	0	0	0	0
2/15/2024 9:36	43304 WATS_T2	1	3	2	0.4	0.7	0.3	-1.1	-1.02	0	0	0	0	0	0
2/15/2024 9:37	56802 BENV_T2	1	2	1	0.1	0.15	0.05	-1.32	-1.27	0	0	0	0	0	0
2/15/2024 9:38	43304 WATS_T2	1	3	2	0.4	0.7	0.3	-0.51	-0.49	0	0	0	0	0	0
2/15/2024 9:38	61103 BERK_T5	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/15/2024 9:38	56802 BENV_T2	1	2	1	0.1	0.15	0.05	-1.27	-1.28	0	0	0	0	0	0
2/15/2024 9:39	10801 CHHI_T1	1	1	0	0.9	0.5	-0.4	-0.55	-0.68	2	1	-1	1500	900	-600
2/15/2024 9:40	43401 BENT_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/15/2024 9:42	43402 BENT_T1	0	0	0	0	0	0	-1.53	-1.54	2	2	0	1500	1500	0
2/15/2024 9:45	59002 MIFF_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/15/2024 9:48	46702 RENO_T1	0	1	1	0	0.2	0.2	-0.11	-0.12	0	0	0	0	0	0
2/15/2024 9:49	46302 ROHR_T1	4	2	-2	0.78	1.3	0.52	0.23	0.26	0	0	0	0	0	0
2/15/2024 9:51	47101 MARL_T1	127	133	6	0.71	0.86	0.15	-2.93	-3.11	2	2	0	1200	1200	0
2/15/2024 9:51	29402 BELT_T1	1	19	18	6.6	0.58	-6.02	0	0	0	0	0	0	0	0
2/15/2024 9:51	46301 ROHR_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/15/2024 9:52	67502 WEWI_T2	1	2	1	0.1	0.3	0.2	-1.04	-1.12	0	1	1	0	900	900
2/15/2024 9:52	29402 BELT_T1	1	19	18	6.6	0.58	-6.02	0	0	0	0	0	0	0	0
2/15/2024 9:53	13704 SCHN_T2	0	0	0	0	0	0	-0.82	-0.81	0	0	0	0	0	0
2/15/2024 9:53	46202 DANV_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/15/2024 9:53	47101 MARL_T1	127	133	6	0.71	0.86	0.15	-1.55	-1.63	1	1	0	600	600	0
2/15/2024 9:54	43304 WATS_T2	1	3	2	0.7	0	-0.7	-0.49	-0.51	0	0	0	0	0	0
2/15/2024 9:55	64301 LINC_T1	0	0	0	0	0	0	0.05	-0.01	1	1	0	600	600	0
2/15/2024 9:55	46206 DANV_T2	2	8	6	0.15	0.59	0.44	0	0	0	0	0	0	0	0
2/15/2024 10:01	48303 ORWI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/15/2024 10:01	55001 NEWP_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/15/2024 10:01	43201 MVIL_T2	0	0	0	0	0	0	-0.35	-0.33	0	0	0	0	0	0
2/15/2024 10:02	57302 MOAL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/15/2024 10:02	55001 NEWP_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/15/2024 10:02	13503 MCMI_T2	0	23	23	0	0.23	0.23	-0.71	-0.77	0	0	0	0	0	0
2/15/2024 10:03	17002 RIRO_T2	0	0	0	0	0	0	0.72	0.68	0	0	0	0	0	0
2/15/2024 10:05	13503 MCMI_T2	0	23	23	0	0.23	0.23	-0.71	-0.77	0	0	0	0	0	0
2/15/2024 10:05	55002 NEWP_T1	2	10	8	1.05	1.07	0.02	-0.17	-0.17	0	0	0	0	0	0
2/15/2024 10:06	20402 ASHF_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/15/2024 10:06	67203 TEHI_T1	16	19	3	0.27	0.45	0.18	2.8	2.86	2	2	0	1200	1200	0
2/15/2024 10:06	67002 STHI_T2	6	17	11	0.18	0.15	-0.03	1.36	1.3	0	0	0	0	0	0
2/15/2024 10:06	46002 BERW_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/15/2024 10:07	56802 BENV_T2	2	4	2	0.15	0.25	0.1	-1.28	-1.29	0	0	0	0	0	0
2/15/2024 10:08	67201 TEHI_T1	4	1	-3	0.33	0	-0.33	0.41	0.3	1	1	0	600	600	0
2/15/2024 10:08	47101 MARL_T1	130	76	-54	0.88	0.72	-0.16	-1.63	-1.66	1	1	0	600	600	0
2/15/2024 10:08	44302 BEAV_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/15/2024 10:08	56802 BENV_T2	2	4	2	0.15	0.25	0.1	-1.29	-1.28	0	0	0	0	0	0
2/15/2024 10:08	20401 ASHF_T2	3	4	1	0.33	0.98	0.65	0	0	0	0	0	0	0	0
2/15/2024 10:08	44505 HAMI_T2	300	287	-13	2.43	1.86	-0.57	-0.01	-0.01	0	0	0	0	0	0
2/15/2024 10:08	67001 STHI_T2	11	25	14	0.21	0.16	-0.05	0	0	0	0	0	0	0	0
2/15/2024 10:08	16302 ALPA_T2	0	1	1	0	0	0	-0.54	-0.54	0	0	0	0	0	0
2/15/2024 10:08	42701 AUGU_T1	41	5	-36	0.46	1	0.54	0	0	2	2	0	1800	1800	0
2/15/2024 10:09	57302 MOAL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/15/2024 10:09	16302 ALPA_T2	0	1	1	0	0	0	-0.54	-0.54	0	0	0	0	0	0
2/15/2024 10:09	43001 ALWD_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/15/2024 10:09	42701 AUGU_T1	41	5	-36	0.46	1	0.54	0	0	2	2	0	1800	1800	0
2/15/2024 10:10	16302 ALPA_T2	0	1	1	0	0	0	-1.08	-1.07	0	0	0	0	0	0
2/15/2024 10:11	16302 ALPA_T2	0	1	1	0	0	0	-0.54	-0.54	0	0	0	0	0	0
2/15/2024 10:11	44503 HAMI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/15/2024 10:16	65001 NEFF_T2	0	0	0	0	0	0	-0.54	-0.35	1	1	0	1200	1200	0
2/15/2024 10:17	47104 MARL_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/15/2024 10:18	47403 PENS_T1	1	1	0	2.1	2.3	0.2	0	0	0	0	0	0	0	0
2/15/2024 10:19	56501 ROCK_T2	1	8	7	1.2	0.38	-0.82	-1.35	-1.41	0	0	0	0	0	0
2/15/2024 10:20	47403 PENS_T1	1	1	0	2.1	2.3	0.2	0	0	0	0	0	0	0	0
2/15/2024 10:20	67503 WEWI_T2	0	0	0	0	0	0	0.01	0	0	0	0	0	0	0
2/15/2024 10:21	56501 ROCK_T2	1	8	7	1.2	0.38	-0.82	-1.35	-1.41	0	0	0	0	0	0
2/15/2024 10:21	67002 STHI_T2	15	25	10	0.15	0.14	-0.01	0.65	0.67	0	0	0	0	0	0
2/15/2024 10:21	67401 WAKE_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/15/2024 10:22	67002 STHI_T2	15	25	10	0.15	0.14	-0.01	0.65	0.67	0	0	0	0	0	0
2/15/2024 10:22	13704 SCHN_T2	0	0	0	0	0	0	-0.81	-0.23	0	0	0	0	0	0
2/15/2024 10:23	67503 WEWI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/15/2024 10:23	67002 STHI_T2	15	25	10	0.15	0.14	-0.01	0.67	0.66	0	0	0	0	0	0
2/15/2024 10:24	43304 WATS_T2	0	0	0	0	0	0	-0.46	-0.47	0	0	0	0	0	0
2/15/2024 10:24	29402 BELT_T1	19	34	15	0.58	0.54	-0.04	0	0	0	0	0	0	0	0
2/15/2024 10:25	67502 WEWI_T2	1	1	0	0.2	0.1	-0.1	-1.03	-1.06	1	1	0	900	900	0
2/15/2024 10:25	14404 SSLA_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/15/2024 10:25	15001 BLMO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/15/2024 10:26	29401 BELT_T1	8	22	14	0.15	0.13	-0.02	0	0	1	1	0	900	900	0
2/15/2024 10:26	17801 GILB_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/15/2024 10:26	65001 NEFF_T2	0	0	0	0	0	0	-0.35	-0.24	1	1	0	1200	1200	0
2/15/2024 10:26	15001 BLMO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/15/2024 10:30	29401 BELT_T1	6	28	22	0.12	0.15	0.03	0	0	1	1	0	900	900	0
2/15/2024 10:31	17801 GILB_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/15/2024 10:32	64702 LITI_T2	0	0	0	0	0	0	-1.27	-1.44	0	0	0	0	0	0
2/15/2024 10:34	67002 STHI_T2	12	25	13	0.13	0.15	0.02	1.34	1.32	0	0	0	0	0	0
2/15/2024 10:35	40601 PIGR_T1	0	2	2	0	0.3	0.3	0	0	0	0	0	0	0	0
2/15/2024 10:36	40603 PIGR_T1	11	0	-11	0.66	0	-0.66	0	0	0	0	0	0	0	0
2/15/2024 10:36	66703 STRA_T1	0	0	0	0	0	0	0.01	0.06	0	0	0	0	0	0
2/15/2024 10:36	67001 STHI_T2	20	114	94	0.17	0.12	-0.05	0	0	0	0	0	0	0	0
2/15/2024 10:37	67002 STHI_T2	12	25	13	0.13	0.15	0.02	0.67	0.66	0	0	0	0	0	0
2/15/2024 10:38	67001 STHI_T2	20	114	94	0.17	0.12	-0.05	0	0	0	0	0	0	0	0
2/15/2024 10:38	43304 WATS_T2	0	0	0	0	0	0	-0.47	-0.44	0	0	0	0	0	0
2/15/2024 10:38	41602 CLEV_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/15/2024 10:38	40101 HUNT_T2	560	530	-30	1.14	1.17	0.03	-0.24	-0.26	0	0	0	0	0	0
2/15/2024 10:38	43304 WATS_T2	0	0	0	0	0	0	-0.47	-0.44	0	0	0	0	0	0
2/15/2024 10:39	41601 CLEV_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/15/2024 10:39	61803 EEU_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/15/2024 10:39	45402 WBLO_T2	3	1	-2	0.43	1.2	0.77	-0.58	-0.56	0	0	0	0	0	0
2/15/2024 10:40	53501 EVIL_T2	3	3	0	0.23	0.77	0.54	-0.94	-0.93	2	2	0	1200	1200	0
2/15/2024 10:40	46206 DANV_T2	13	12	-1	0.68	0.88	0.2	0	0	0	0	0	0	0	0
2/15/2024 10:40	29401 BELT_T1	6	28	22	0.12	0.15	0.03	0	0	1	1	0	900	900	0
2/15/2024 10:41	53501 EVIL_T2	3	3	0	0.23	0.77	0.54	-1.88	-1.87	4	4	0	2400	2400	0
2/15/2024 10:42	40901 IISH_T1	1	1	0	0.2	0	-0.2	0	0	0	0	0	0	0	0
2/15/2024 10:42	46802 HEPB_T1	1	60	59	1.6	0.2	-1.4	-1.06	-1.12	0	0	0	0	0	0
2/15/2024 10:44	59302 MCAL_T1	0	1	1	0	0.1	0.1	-0.41	-0.41	1	1	0	600	600	0
2/15/2024 10:44	13503 MCMI_T2	20	47	27	0.24	0.27	0.03	-0.78	-0.75	0	0	0	0	0	0
2/15/2024 10:46	54202 PENN_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/15/2024 10:46	13503 MCMI_T2	30	44	14	0.22	0.28	0.06	-0.78	-0.75	0	0	0	0	0	0
2/15/2024 10:48	48302 ORWI_T2	2	2	0	1.4	1.5	0.1	-0.44	-0.49	0	0	0	0	0	0
2/15/2024 10:50	57401 SPAN_T1	8	18	10	0.3	0.28	-0.02	-1.01	-0.96	1	1	0	600	600	0
2/15/2024 10:51	57401 SPAN_T1	8	18	10	0.3	0.28	-0.02	-1.01	-0.96	1	1	0	600	600	0
2/15/2024 10:51	15704 TANN_T1	0	0	0	0	0	0	-0.98	-1.06	0	0	0	0	0	0
2/15/2024 10:51	64101 REFR_T1	0	0	0	0	0	0	-0.01	0.01	0	0	0	0	0	0
2/15/2024 10:51	46002 BERW_T2	0	1	1	0	0	0	0	0	0	0	0	0	0	0
2/15/2024 10:51	43001 ALWD_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/15/2024 10:52	57401 SPAN_T1	8	18	10	0.3	0.28	-0.02	-1.01	-0.96	1	1	0	600	600	0
2/15/2024 10:52	29402 BELT_T1	34	105	71	0.53	0.65	0.12	0	0	0	0	0	0	0	0
2/15/2024 10:52	27502 WEIS_T2	0	0	0	0	0	0	-0.33	-0.3	0	0	0	0	0	0
2/15/2024 10:52	67503 WEWI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/15/2024 10:53	20403 ASHF_T2	0	0	0	0	0	0	0.47	0.4	0	0	0	0	0	0
2/15/2024 10:53	57403 SPAN_T1	1	10	9	0.1	0.21	0.11	0.15	0.15	0	0	0	0	0	0
2/15/2024 10:54	54505 ENOL_T2	1	1	0	0.6	0.6	0	0	0	0	0	0	0	0	0
2/15/2024 10:55	49804 UNIV_T1	1	3	2	0.2	0.17	-0.03	0	0	0	0	0	0	0	0
2/15/2024 10:55	20402 ASHF_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/15/2024 10:55	20602 GRWO_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/15/2024 10:55	29402 BELT_T1	34	105	71	0.53	0.65	0.12	0	0	0	0	0	0	0	0
2/15/2024 10:55	40101 HUNT_T2	516	428	-88	1.02	1.36	0.34	-0.26	-0.29	0	0	0	0	0	0
2/15/2024 10:56	43001 ALWD_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/15/2024 10:56	29402 BELT_T1	34	105	71	0.53	0.65	0.12	0	0	0	0	0	0	0	0
2/15/2024 10:57	62601 ENGL_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/15/2024 10:58	62601 ENGL_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/15/2024 10:59	64801 MONE_T2	2	3	1	0.4	0.27	-0.13	-0.21	-0.22	0	0	0	0	0	0
2/15/2024 10:59	23901 EFMO_T2	0	0	0	0	0	0	0.07	0.07	0	0	0	0	0	0
2/15/2024 11:00	46802 HEPB_T1	60	1	-59	0.2	0.4	0.2	-1.12	-1.12	0	0	0	0	0	0
2/15/2024 11:00	40101 HUNT_T2	397	446	49	1.35	1.37	0.02	-0.26	-0.29	0	0	0	0	0	0
2/15/2024 11:02	52004 LING_T2	1	0	-1	0.1	0	-0.1	0	0	0	0	0	0	0	0
2/15/2024 11:03	42901 MIDD_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/15/2024 11:03	47104 MARL_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/15/2024 11:04	56503 ROCK_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/15/2024 11:04	67001 STHI_T2	56	264	208	0.13	0.12	-0.01	0	0	0	0	0	0	0	0
2/15/2024 11:05	47403 PENS_T1	1	1	0	2	1.4	-0.6	0	0	0	0	0	0	0	0
2/15/2024 11:05	67001 STHI_T2	56	264	208	0.13	0.12	-0.01	0	0	0	0	0	0	0	0
2/15/2024 11:06	57401 SPAN_T1	12	19	7	0.3	0.38	0.08	-0.96	-0.83	1	1	0	600	600	0
2/15/2024 11:06	67002 STHI_T2	11	34	23	0.15	0.12	-0.03	0.68	0.68	0	0	0	0	0	0
2/15/2024 11:07	59102 WALK_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/15/2024 11:07	57401 SPAN_T1	12	19	7	0.3	0.38	0.08	0	0	0	0	0	0	0	0
2/15/2024 11:07	67002 STHI_T2	11	34	23	0.15	0.12	-0.03	0.68	0.68	0	0	0	0	0	0
2/15/2024 11:08	67603 WARW_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/15/2024 11:08	47104 MARL_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/15/2024 11:08	45501 DERR_T2	0	0	0	0	0	0	0.85	0.88	2	2	0	1800	1800	0
2/15/2024 11:09	55103 WERT_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/15/2024 11:09	67001 STHI_T2	56	264	208	0.13	0.12	-0.01	0	0	0	0	0	0	0	0
2/15/2024 11:09	42701 AUGU_T1	38	1	-37	6.06	0.1	-5.96	0	0	2	2	0	1800	1800	0
2/15/2024 11:10	44904 SCOT_T1	0	0	0	0	0	0	1.06	1	0	0	0	0	0	0
2/15/2024 11:10	60803 BUCK_T1	0	0	0	0	0	0	-1.17	-1.2	1	1	0	600	600	0
2/15/2024 11:10	45501 DERR_T2	0	0	0	0	0	0	0.85	0.88	2	2	0	1800	1800	0
2/15/2024 11:11	60803 BUCK_T1	0	0	0	0	0	0	-1.17	-1.2	1	1	0	600	600	0
2/15/2024 11:11	43001 ALWD_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/15/2024 11:14	42902 MIDD_T2	0	1	1	0	0.2	0.2	0	0	0	0	0	0	0	0
2/15/2024 11:14	49803 UNIV_T1	0	0	0	0	0	0	-0.85	-0.83	0	0	0	0	0	0
2/15/2024 11:17	43001 ALWD_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/15/2024 11:19	56504 ROCK_T2	0	0	0	0	0	0	-0.02	0.01	0	0	0	0	0	0
2/15/2024 11:20	43301 WATS_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/15/2024 11:21	67401 WAKE_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/15/2024 11:22	43304 WATS_T2	0	2	2	0	0	0	-0.42	-0.47	0	0	0	0	0	0
2/15/2024 11:22	40603 PIGR_T1	0	0	0	0	0	0	0.37	0.37	0	0	0	0	0	0
2/15/2024 11:22	59101 WALK_T2	0	0	0	0	0	0	3.39	3.57	2	2	0	900	900	0
2/15/2024 11:22	43001 ALWD_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/15/2024 11:23	42701 AUGU_T1	4	1	-3	3.98	0.2	-3.78	0	0	2	2	0	1800	1800	0
2/15/2024 11:23	44302 BEAV_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/15/2024 11:24	65002 NEFF_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/15/2024 11:25	10805 CHHI_T2	11	10	-1	2.69	2.86	0.17	-0.24	-0.4	0	0	0	0	0	0
2/15/2024 11:25	42701 AUGU_T1	4	1	-3	3.98	0.2	-3.78	0	0	2	2	0	1800	1800	0
2/15/2024 11:26	44301 BEAV_T2	0	0	0	0	0	0	-0.02	0.23	2	2	0	1500	1500	0
2/15/2024 11:27	64204 KINZ_T1	1

2/15/2024 11:42	40101 HUNT_T2	445	417	-28	1.33	1.48	0.15	-0.3	-0.39	0	0	0	0	0	0
2/15/2024 11:42	49803 UNIV_T1	0	0	0	0	0	0	-0.89	-0.91	0	0	0	0	0	0
2/15/2024 11:42	60801 BUCK_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/15/2024 11:42	67402 WAKE_T2	0	0	0	0	0	0	0.42	0.5	1	1	0	600	600	0
2/15/2024 11:43	45701 LIND_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/15/2024 11:43	43001 ALWD_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/15/2024 11:44	62602 ENGL_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/15/2024 11:45	50102 HARR_T3	12	12	0	0.25	0.23	-0.02	0	0	0	0	0	0	0	0
2/15/2024 11:46	59001 MIFF_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/15/2024 11:47	47401 PENS_T1	3	18	15	0.6	0.31	-0.29	-0.4	-0.33	0	0	0	0	0	0
2/15/2024 11:49	47403 PENS_T1	1	3	0	2	2.1	0.1	0	0	0	0	0	0	0	0
2/15/2024 11:49	26402 INOR_T1	1	1	0	0.3	0.7	0.4	0	0	0	0	0	0	0	0
2/15/2024 11:50	56503 ROCK_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/15/2024 11:50	47402 PENS_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/15/2024 11:51	41601 CLEV_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/15/2024 11:51	42803 SELI_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/15/2024 11:51	59101 WALK_T2	0	0	0	0	0	0	1.82	1.63	1	2	1	450	1050	600
2/15/2024 11:52	41601 CLEV_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/15/2024 11:52	60801 BUCK_T1	0	0	0	0	0	0	-0.27	-0.27	1	1	0	600	600	0
2/15/2024 11:52	13704 SCHN_T2	2	0	-2	0.2	0	-0.2	-0.29	-0.13	0	0	0	0	0	0
2/15/2024 11:52	56504 ROCK_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/15/2024 11:53	40101 HUNT_T2	407	372	-35	1.81	1.49	-0.32	-0.78	-0.71	0	0	0	0	0	0
2/15/2024 11:53	50202 HARR_T3	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/15/2024 11:53	56501 ROCK_T2	2	2	0	1.15	1.9	0.75	-1.36	-1.33	0	0	0	0	0	0
2/15/2024 11:53	59101 WALK_T2	0	0	0	0	0	0	3.26	1.78	2	4	2	900	2100	1200
2/15/2024 11:54	59102 WALK_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/15/2024 11:54	13704 SCHN_T2	2	0	-2	0.2	0	-0.2	-0.13	-0.26	0	0	0	0	0	0
2/15/2024 11:54	15001 BLMO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/15/2024 11:54	26401 INOR_T1	0	1	1	0	0.2	0.2	0.83	0.3	0	0	0	0	0	0
2/15/2024 11:55	15001 BLMO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/15/2024 11:57	56501 ROCK_T2	2	2	0	1.15	1.9	0.75	0	0	0	0	0	0	0	0
2/15/2024 11:58	44905 SCOT_T1	1	0	-1	0.5	0	-0.5	0	0	0	0	0	0	0	0
2/15/2024 11:58	46802 HEPB_T1	1	1	0	0.4	0.5	0.1	-0.13	-0.11	0	0	0	0	0	0
2/15/2024 11:59	64202 KINZ_T1	1	1	0	0.5	0.5	0	0	0	0	0	0	0	0	0
2/15/2024 11:59	45701 LIND_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/15/2024 12:01	46802 HEPB_T1	1	1	0	0.2	0.5	0.3	-0.13	-0.11	0	0	0	0	0	0
2/15/2024 12:04	47403 PENS_T1	1	1	0	1.7	2.1	0.4	0	0	0	0	0	0	0	0
2/15/2024 12:04	15704 TANN_T1	0	1	1	0	3.3	3.3	-1.11	-1.08	0	0	0	0	0	0
2/15/2024 12:05	46003 BERW_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/15/2024 12:05	47403 PENS_T1	1	1	0	1.7	2.1	0.4	0	0	0	0	0	0	0	0
2/15/2024 12:06	67502 WEWI_T2	2	2	0	0.1	0.15	0.05	-0.14	-0.16	0	0	0	0	0	0
2/15/2024 12:07	41602 CLEV_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/15/2024 12:08	44903 SCOT_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/15/2024 12:08	67503 WEWI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/15/2024 12:08	40101 HUNT_T2	367	361	-6	1.47	1.42	-0.05	-0.36	-0.38	0	0	0	0	0	0
2/15/2024 12:08	41601 CLEV_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/15/2024 12:09	49804 UNIV_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/15/2024 12:09	67502 WEWI_T2	2	2	0	0.1	0.15	0.05	-0.16	-0.2	0	0	0	0	0	0
2/15/2024 12:09	40101 HUNT_T2	367	361	-6	1.47	1.42	-0.05	-0.36	-0.38	0	0	0	0	0	0
2/15/2024 12:10	67503 WEWI_T2	0	0	0	0	0	0	-0.09	-0.08	0	0	0	0	0	0
2/15/2024 12:10	67502 WEWI_T2	2	2	0	0.1	0.15	0.05	-0.16	-0.2	0	0	0	0	0	0
2/15/2024 12:11	46802 HEPB_T1	1	1	0	0.2	0.5	0.3	-0.11	-0.13	0	0	0	0	0	0
2/15/2024 12:12	49803 UNIV_T1	0	2	2	0	0.2	0.2	-1.06	-1.05	0	0	0	0	0	0
2/15/2024 12:13	46802 HEPB_T1	1	1	0	0.2	0.5	0.3	-0.11	-0.13	0	0	0	0	0	0
2/15/2024 12:13	59301 MCAL_T1	0	3	3	0	0.27	0.27	0	0	0	0	0	0	0	0
2/15/2024 12:15	65502 MOJO_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/15/2024 12:15	26401 INOR_T1	1	0	-1	0.2	0	-0.2	0.6	0.63	0	0	0	0	0	0
2/15/2024 12:16	65003 NEFF_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/15/2024 12:17	65503 MOJO_T2	0	0	0	0	0	0	-1.29	-1.32	1	1	0	900	900	0
2/15/2024 12:33	59001 MIFF_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/15/2024 12:51	47101 MARL_T1	28	34	6	0.89	0.47	-0.42	-1.41	-1.55	1	1	0	600	600	0
2/15/2024 12:52	47104 MARL_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/15/2024 12:54	49803 UNIV_T1	3	0	-3	0.1	0	-0.1	-1.01	-1	0	0	0	0	0	0
2/15/2024 12:56	44905 SCOT_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/15/2024 12:58	26802 JAFR_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/15/2024 12:58	46802 HEPB_T1	1	1	0	0.6	0.5	-0.1	-0.14	-0.1	0	0	0	0	0	0
2/15/2024 12:59	49804 UNIV_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/15/2024 12:59	65005 NEFF_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/15/2024 13:01	46802 HEPB_T1	1	1	0	0.5	0.6	0.1	-0.14	-0.1	0	0	0	0	0	0
2/15/2024 13:02	64204 KINZ_T1	1	1	0	0	1.2	0.2	0	0	0	0	0	0	0	0
2/15/2024 13:05	53902 HALI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/15/2024 13:06	53902 HALI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/15/2024 13:10	49804 UNIV_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/15/2024 13:13	26401 INOR_T1	0	0	0	0	0	0	1.36	1.73	0	0	0	0	0	0
2/15/2024 13:14	65001 NEFF_T2	0	0	0	0	0	0	-0.47	-0.48	1	1	0	1200	1200	0
2/15/2024 13:16	47403 PENS_T1	1	1	0	2.3	2.4	0.1	0	0	0	0	0	0	0	0
2/15/2024 13:18	47402 PENS_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/15/2024 13:20	42801 SELI_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/15/2024 13:24	62601 ENGL_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/15/2024 13:33	43201 MVIL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/15/2024 13:42	26402 INOR_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/15/2024 13:42	54701 NEBL_T1	2	5	3	0.1	0.56	0.46	0	0	1	1	0	600	600	0
2/15/2024 13:43	54505 ENOL_T2	1	1	0	0.7	0.9	0.2	-1.23	-1.25	1	1	0	600	600	0
2/15/2024 13:43	54504 ENOL_T2	0	0	0	0	0	0	-1.04	-1	1	1	0	600	600	0
2/15/2024 13:43	26401 INOR_T1	0	0	0	0	0	0	0.99	0.88	0	0	0	0	0	0
2/15/2024 13:44	54504 ENOL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/15/2024 13:45	54701 NEBL_T1	85	7	-78	6.45	0.7	-5.75	0	0	1	1	0	600	600	0
2/15/2024 13:48	54206 PENN_T2	3	4	1	0.17	0.23	0.06	0	0	0	0	0	0	0	0
2/15/2024 13:49	54204 PENN_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/15/2024 13:49	47101 MARL_T1	32	21	-11	0.6	0.81	0.21	-1.5	-1.55	1	1	0	600	600	0
2/15/2024 13:50	54202 PENN_T2	0	2	2	0	0.1	0.1	0.69	0.65	0	0	0	0	0	0
2/15/2024 13:50	47402 PENS_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/15/2024 13:50	47101 MARL_T1	32	21	-11	0.6	0.81	0.21	-1.5	-1.55	1	1	0	600	600	0
2/15/2024 13:50	67503 WEWI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/15/2024 13:52	67401 WAKE_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/15/2024 13:52	47101 MARL_T1	32	21	-11	0.6	0.81	0.21	-1.5	-1.55	1	1	0	600	600	0
2/15/2024 13:53	67503 WEWI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/15/2024 13:54	67502 WEWI_T2	0	2	2	0	0.1	0.1	-0.32	-0.4	0	0	0	0	0	0
2/15/2024 13:54	67402 WAKE_T2	0	0	0	0	0	0	-0.11	-0.1	1	1	0	600	600	0
2/15/2024 13:57	54503 ENOL_T2	0	0	0	0	0	0	-1.87	-1.92	1	1	0	600	600	0
2/15/2024 13:57	47104 MARL_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/15/2024 13:59	54504 ENOL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/15/2024 13:59	67401 WAKE_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/15/2024 14:02	65002 NEFF_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/15/2024 14:07	44505 HAMI_T2	276	253	-23	0.97	0.7	-0.27	-0.01	-0.01	0	0	0	0	0	0
2/15/2024 14:07	67603 WARW_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/15/2024 14:07	42701 AUGU_T1	7	3	-4	0.57	0	-0.57	0	0	6	6	0	5400	5400	0
2/15/2024 14:08	42701 AUGU_T1	7	3	-4	0.57	0	-0.57	0	0	2	2	0	1800	1800	0
2/15/2024 14:09	67503 WEWI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/15/2024 14:09	42701 AUGU_T1	7	3	-4	0.57	0	-0.57	0	0	2	2	0	1800	1800	0
2/15/2024 14:10	54502 ENOL_T2	1	1	0	0.1	0.3	0.2	0	0	0	0	0	0	0	0
2/15/2024 14:10	44501 HAMI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/15/2024 14:10	42701 AUGU_T1	7	3	-4	0.57	0	-0.57	0	0	4	4	0	3600	3600	0
2/15/2024 14:11	44504 HAMI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/15/2024 14:11	42701 AUGU_T1	7	3	-4	0.57	0	-0.57	0	0	4	4	0	3600	3600	0
2/15/2024 14:12	54506 ENOL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/15/2024 14:13	26401 INOR_T1	0	1	1	0	0.3	0.3	0.88	0.99	0	0	0	0	0	0
2/15/2024 14:13	54501 ENOL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/15/2024 14:13	44503 HAMI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/15/2024 14:13	49804 UNIV_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/15/2024 14:14	26402 INOR_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/15/2024 14:14	54501 ENOL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/15/2024 14:15	43201 MVIL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/15/2024 14:15	45703 LIND_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/15/2024 14:15	54504 ENOL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/15/2024 14:15	54504 ENOL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/15/2024 14:17	65004 NEFF_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/15/2024 14:18	43201 MVIL_T2	0	0	0	0	0	0	-0.15	-0.33	0	0	0	0	0	0
2/15/2024 14:18	43202 MVIL_T2	0	12	12	0	0.17	0.17	-0.54	-0.53	0	0	0	0	0	0
2/15/2024 14:19	67002 STHI_T2	212	324	112	0.18	0.2	0.02	0.61	0.62	0	0	0	0	0	0
2/15/2024 14:19	64801 MONE_T2	3	7	4	0.47	0.27	-0.2	-0.27	-0.28	0	0	0	0	0	0
2/15/2024 14:19	67002 STHI_T2	212	324	112	0.18	0.2	0.02	0.61	0.62	0	0	0	0	0	0
2/15/2024 14:20	53901 HALI_T2	0	1	1	0	0	0	0	0	0	0	0	0	0	0
2/15/2024 14:20	67201 TEHI_T1	0	16	16	0	0.24	0.24	0.4	-0.19	1	1	0	600	600	0
2/15/2024 14:20	67001 STHI_T2	529	571	42	0.23	0.27	0.04	0.28	0.28	0	0	0	0	0	0
2/15/2024 14:20	67502 WEWI_T2	1	0	-1	0.1	0	-0.1	-0.2	-0.23	0	0	0	0	0	0
2/15/2024 14:20	53501 EVIL_T2	3	4	1	0.37	0.5	0.13	-1.11	-1.21	2	2	0	1200	1200	0
2/15/2024 14:20	67001 STHI_T2	529	571	42	0.23	0.27	0.04	0.28	0.28	0	0	0	0	0	0
2/15/2024 14:20	67401 WAKE_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/15/2024 14:20	54206 PENN_T2	3	4	1	0.17	0.25	0.08	0	0	0	0	0	0	0	0
2/15/2024 14:20	47101 MARL_T1	16	22	6	1.27	1.19	-0.08	-1.48	-1.49	1	1	0	600	600	0
2/15/2024 14:20	43202 MVIL_T2	0	12	12	0	0.17	0.17	-0.54	-0.53	0	0	0	0	0	0
2/15/2024 14:20	56503 ROCK_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/15/2024 14:21	56504 ROCK_T2	0	0	0	0	0	0	-0.02	-0.04	0	0	0	0	0	0
2/15/2024 14:21	53501 EVIL_T2	3	4	1	0.37	0.5	0.13	-1.11	-1.21	2	2	0	1200	1200	0
2/15/2024 14:21	47104 MARL_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/15/2024 14:21	67503 WEWI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/15/2024 14:21	67002 STHI_T2	212	324	112	0.18	0.2	0.02	0.61	0.62	0	0	0	0	0	0
2/15/2024 14:21	56504 ROCK_T2	0	0	0	0	0	0	-0.02	-0.04	0	0	0	0	0	0
2/15/2024 14:21	59102 WALK_T2	4	4	0	0.53	0.3	-0.23	0	0	0	0	0	0	0	0
2/15/2024 14:22	42701 AUGU_T1	3	0	-3	0.43	0	-0.43	0	0	4	4	0	3600	3600	0
2/15/2024 14:22	67604 WARW_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/15/2024 14:22	53501 EVIL_T2	3	4	1	0.37	0.5	0.13	-1.11	-1.21	2	2	0	1200	1200	0
2/15/2024 14:22	67502 WEWI_T2	1	0	-1	0.1	0	-0.1	-0.2	-0.23	0	0	0	0	0	0
2/15/2024 14:23	67201 TEHI_T1	0	16	16	0	0.24	0.24	0	0	0	0	0	0	0	0
2/15/2024 14:23	67002 STHI_T2	212	324	112	0.18	0.2	0.02	0.62	0.65	0	0	0	0	0	0
2/15/2024 14:23	42701 AUGU_T1	3	0	-3	0.43	0	-0.43	0	0	2	2	0	1800	1800	0
2/15/2024 14:23	28601 BLYT_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/15/2024 14:24	53902 HALI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/15/2024 14:25	54502 ENOL_T2	1	1	0	0.1	0.3	0.2	0	0	0	0	0	0	0	0
2/15/2024 14:25	67401 WAKE_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/15/2024 14:25	54504 ENOL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/15/2024 14:25	67502 WEWI_T2	1	0	-1	0.1	0	-0.1	-0.23	-0.16	0	0	0	0	0	0
2/15/2024 14:25	42701 AUGU_T1	3	0	-3	0.43	0	-0.43	0	0	2	2	0	1800	1800	0
2/15/2024 14:26	44505 HAMI_T2	251	180	-71	0.84	0.58	-0.26	-0.01	-0.01	0	0	0	0	0	0
2/15/2024 14:26	59102 WALK_T2	4	4	0	0.53	0.3	-0.23	0	0	0	0	0	0	0	0
2/15/2024 14:27	54701 NEBL_T1	5	5	0	0.7	0.74	0.04	0	0	1	1	0	600	600	0
2/15/2024 14:28	46803 HEPB_T2	1	1	0	0.1	0.2	0.1	0	0	0	0	0	0	0	0
2/15/2024 14:28	54502 ENOL_T2	1	1	0	0.1	0.3	0.2	0	0	0	0	0	0	0	0
2/15/2024 14:28	47104 MARL_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/15/2024 14:29	26401 INOR_T1	1	1	0	0.3	0.3	0	0.99	1	0	0	0	0	0	0
2/15/2024 14:30	49804 UNIV_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/15/2024 14:30	26401 INOR_T1	1	1	0	0.3	0	-0.3	0.99	1	0	0	0	0	0	0
2/15/2024 14:30	43201 MVIL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/15/2024 14:31	25402 LAHA_T2	0	3	3	0	0	0	-0.63	-0.62	0	0	0	0	0	0
2/15/2024 14:31	45701 LIND_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/15/2024 14:32	47403 PENS_T1	1	2	1	0.4	0.35	-0.05	0	0	0	0	0	0	0	0
2/15/2024 14:32	64802 MONE_T2	2	12	10	0.3	0.27	-0.03	0	0.02	0	0	0	0	0	0
2/15/2024 14:32	52002 LING_T2	1	1	0	0.2	0.6	0.4	-0.16	-0.18	0	0	0	0	0	0
2/15/2024 14:33	65001 NEFF_T2	0	7	7	0	0.14	0.14	-0.61	-0.57	1	1	0	1200	1200	0
2/15/2024 14:33	47101 MARL_T1	20	27	7	1.29	0.79	-0.5	-1.49	-1.43	1	1

Appendix C - Grid Benefits Achieved in Each Instance of Active Management

2/15/2024 14:39	44802 EDAN_T2	0	0	0	0	0	0	-2.21	-2.17	1	1	0	1200	1200	0
2/15/2024 14:39	67002 STHI_T2	284	348	64	0.18	0.23	0.05	0.65	0.65	0	0	0	0	0	0
2/15/2024 14:39	42701 AUGU_T1	0	0	0	0	0	0	0	0	2	2	0	1800	1800	0
2/15/2024 14:39	57403 SPAN_T1	22	46	24	0.27	0.33	0.06	0.12	0.12	0	0	0	0	0	0
2/15/2024 14:39	47101 MARL_T1	20	27	7	1.29	0.79	-0.5	-1.43	-1.45	1	1	0	600	600	0
2/15/2024 14:39	43001 ALWD_T1	0	3	3	0	0.1	0.1	0	0	0	0	0	0	0	0
2/15/2024 14:40	51107 CARL_T1	0	0	0	0	0	0	0.15	-0.05	0	0	0	0	0	0
2/15/2024 14:40	43001 ALWD_T1	0	3	3	0	0.1	0.1	0	0	0	0	0	0	0	0
2/15/2024 14:40	62602 ENGL_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/15/2024 14:40	42701 AUGU_T1	0	0	0	0	0	0	0	0	2	2	0	1800	1800	0
2/15/2024 14:40	44802 EDAN_T2	0	0	0	0	0	0	-2.21	-2.17	1	1	0	1200	1200	0
2/15/2024 14:41	44503 HAMI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/15/2024 14:41	54505 ENOL_T2	1	1	0	1.1	1	-0.1	0	0	0	0	0	0	0	0
2/15/2024 14:41	44802 EDAN_T2	0	0	0	0	0	0	-2.21	-2.17	1	1	0	1200	1200	0
2/15/2024 14:41	42701 AUGU_T1	0	0	0	0	0	0	0	0	2	2	0	1800	1800	0
2/15/2024 14:41	67401 WAKE_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/15/2024 14:42	44801 EDAN_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/15/2024 14:42	10805 CHHI_T2	7	7	0	3.09	2.44	-0.65	-0.62	-0.64	0	0	0	0	0	0
2/15/2024 14:43	62607 ENGL_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/15/2024 14:43	54701 NEBL_T1	5	6	1	0.46	0.65	0.19	0	0	1	1	0	600	600	0
2/15/2024 14:44	59001 MIFF_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/15/2024 14:44	54505 ENOL_T2	1	1	0	1.1	1	-0.1	0	0	0	0	0	0	0	0
2/15/2024 14:44	40601 PIGR_T1	2	2	0	0.15	0.2	0.05	0	0	0	0	0	0	0	0
2/15/2024 14:44	54701 NEBL_T1	5	6	1	0.46	0.65	0.19	0	0	1	1	0	600	600	0
2/15/2024 14:45	64802 MONE_T2	1	11	10	1	0.2	-0.8	0	0	0	0	0	0	0	0
2/15/2024 14:45	26402 INOR_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/15/2024 14:46	43001 ALWD_T1	0	8	8	0	0.15	0.15	0	0	0	0	0	0	0	0
2/15/2024 14:46	25404 LAHA_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/15/2024 14:46	43202 MVIL_T2	12	1	-11	0.17	0.2	0.03	-1.06	-1.1	0	0	0	0	0	0
2/15/2024 14:46	26402 INOR_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/15/2024 14:47	45703 LIND_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/15/2024 14:47	65502 MOJO_T2	0	2	2	0	0	0	0	0	0	0	0	0	0	0
2/15/2024 14:48	64802 MONE_T2	1	11	10	1	0.2	-0.8	0.02	0.02	0	0	0	0	0	0
2/15/2024 14:48	54001 SDLE_T1	6	5	-1	1.23	1.64	0.41	0	0	0	0	0	0	0	0
2/15/2024 14:48	66501 SMAN_T2	0	1	1	0	0.1	0.1	0	0	0	0	0	0	0	0
2/15/2024 14:48	44601 SALE_T2	0	0	0	0	0	0	0.14	0.11	0	0	0	0	0	0
2/15/2024 14:48	59402 RFLD_T2	0	0	0	0	0	0	-0.72	-0.7	1	1	0	450	450	0
2/15/2024 14:49	65003 NEFF_T2	0	2	2	0	0.1	0.1	0	0	0	0	0	0	0	0
2/15/2024 14:49	54001 SDLE_T1	6	5	-1	1.23	1.64	0.41	0	0	0	0	0	0	0	0
2/15/2024 14:49	47101 MARL_T1	21	45	24	1.17	0.82	-0.35	-1.43	-1.45	1	1	0	600	600	0
2/15/2024 14:49	43201 MVIL_T2	0	0	0	0	0	0	-0.34	-0.32	0	0	0	0	0	0
2/15/2024 14:49	65503 MOJO_T2	0	0	0	0	0	0	-1.38	-1.4	1	1	0	900	900	0
2/15/2024 14:50	43201 MVIL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/15/2024 14:50	53901 HAU_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/15/2024 14:50	44601 SALE_T2	0	0	0	0	0	0	0.14	0.11	0	0	0	0	0	0
2/15/2024 14:51	67001 STHI_T2	546	573	27	0.26	0.27	0.01	0.3	0.3	0	0	0	0	0	0
2/15/2024 14:51	57401 SPAN_T1	72	17	-55	0.23	0.33	0.1	-1.05	-0.8	1	1	0	600	600	0
2/15/2024 14:51	53903 HAU_T2	1	1	0	1	0.7	-0.3	-0.1	-0.15	0	0	0	0	0	0
2/15/2024 14:51	67402 WAKE_T2	0	0	0	0	0	0	-0.35	-0.34	1	1	0	600	600	0
2/15/2024 14:51	43001 ALWD_T1	0	8	8	0	0.15	0.15	0	0	0	0	0	0	0	0
2/15/2024 14:51	24902 WHHA_T1	1	2	1	0.5	0.3	-0.2	0.44	0.47	0	0	0	0	0	0
2/15/2024 14:51	59402 RFLD_T2	0	0	0	0	0	0	-1.44	-1.4	2	2	0	900	900	0
2/15/2024 14:51	47104 MARL_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/15/2024 14:52	67001 STHI_T2	546	573	27	0.26	0.27	0.01	0.15	0.15	0	0	0	0	0	0
2/15/2024 14:52	47101 MARL_T1	21	45	24	1.17	0.82	-0.35	-1.43	-1.45	1	1	0	600	600	0
2/15/2024 14:52	54001 SDLE_T1	6	5	-1	1.23	1.64	0.41	0	0	0	0	0	0	0	0
2/15/2024 14:53	66702 STRA_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/15/2024 14:53	57403 SPAN_T1	33	43	10	0.28	0.33	0.05	0.12	0.11	0	0	0	0	0	0
2/15/2024 14:53	59402 RFLD_T2	0	0	0	0	0	0	-0.7	-0.73	1	1	0	450	450	0
2/15/2024 14:54	56802 BENV_T2	73	102	29	0.23	0.24	0.01	-2.51	-2.53	0	0	0	0	0	0
2/15/2024 14:54	60801 BUCK_T1	0	0	0	0	0	0	-0.39	-0.39	1	1	0	600	600	0
2/15/2024 14:54	47101 MARL_T1	21	45	24	1.17	0.82	-0.35	-1.45	-1.42	1	1	0	600	600	0
2/15/2024 14:54	56504 ROCK_T2	0	0	0	0	0	0	-0.09	-0.04	0	0	0	0	0	0
2/15/2024 14:55	60801 BUCK_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/15/2024 14:55	56801 BENV_T1	16	10	-6	0.66	0.36	-0.3	-0.71	-0.71	1	1	0	600	600	0
2/15/2024 14:55	49803 UNIV_T1	13	15	2	0.12	0.1	-0.02	-1.04	-1.03	0	0	0	0	0	0
2/15/2024 14:55	56802 BENV_T2	73	102	29	0.23	0.24	0.01	-1.25	-1.27	0	0	0	0	0	0
2/15/2024 14:56	56801 BENV_T1	16	10	-6	0.66	0.36	-0.3	-0.71	-0.71	1	1	0	600	600	0
2/15/2024 14:56	60803 BUCK_T1	0	2	2	0	0.15	0.15	-1.2	-1.18	1	1	0	600	600	0
2/15/2024 14:56	54504 ENOL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/15/2024 14:56	43001 ALWD_T1	0	8	8	0	0.15	0.15	0	0	0	0	0	0	0	0
2/15/2024 14:57	54502 ENOL_T2	1	1	0	0.3	0.1	-0.2	0	0	0	0	0	0	0	0
2/15/2024 14:57	56802 BENV_T2	73	102	29	0.23	0.24	0.01	-2.51	-2.53	0	0	0	0	0	0
2/15/2024 14:57	67401 WAKE_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/15/2024 14:58	54506 ENOL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/15/2024 14:58	56802 BENV_T2	73	102	29	0.23	0.24	0.01	-2.51	-2.53	0	0	0	0	0	0
2/15/2024 15:00	41801 GOCI_T2	1	61	60	0.5	0.24	-0.26	0	0	0	0	0	0	0	0
2/15/2024 15:00	54506 ENOL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/15/2024 15:00	49803 UNIV_T1	15	0	-15	0.1	0	-0.1	-1.04	-1.03	0	0	0	0	0	0
2/15/2024 15:01	53901 HAU_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/15/2024 15:02	52002 LING_T2	1	1	0	0.6	0.5	-0.1	-0.16	-0.14	0	0	0	0	0	0
2/15/2024 15:02	62606 ENGL_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/15/2024 15:05	52006 LING_T2	2	2	0	0.8	0.7	-0.1	0	0	0	0	0	0	0	0
2/15/2024 15:05	47104 MARL_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/15/2024 15:06	46004 BERW_T2	0	0	0	0	0	0	-0.38	-0.39	0	0	0	0	0	0
2/15/2024 15:07	67401 WAKE_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/15/2024 15:07	56503 ROCK_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/15/2024 15:07	44504 HAMI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/15/2024 15:07	60201 ATGL_T2	0	0	0	0	0	0	-0.13	-0.22	2	2	0	900	900	0
2/15/2024 15:07	67203 TEHI_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/15/2024 15:07	67503 WEWI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/15/2024 15:08	41602 CLEV_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/15/2024 15:08	45802 HEGI_T2	0	0	0	0	0	0	1.11	1	1	1	0	300	300	0
2/15/2024 15:09	67502 WEWI_T2	1	2	1	0.1	0.65	0.55	-0.22	-0.31	0	0	0	0	0	0
2/15/2024 15:10	41602 CLEV_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/15/2024 15:10	47101 MARL_T1	25	59	34	0.69	0.66	-0.03	-1.42	-1.45	1	1	0	600	600	0
2/15/2024 15:12	67402 WAKE_T2	0	0	0	0	0	0	-0.35	-0.35	1	1	0	600	600	0
2/15/2024 15:12	54504 ENOL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/15/2024 15:20	65003 NEFF_T2	1	1	0	0.1	0.1	0	0	0	0	0	0	0	0	0
2/15/2024 15:21	54001 SDLE_T1	5	5	0	1.56	1.58	0.02	0	0	0	0	0	0	0	0
2/15/2024 15:22	43001 ALWD_T1	8	9	1	0.15	0.13	-0.02	0	0	0	0	0	0	0	0
2/15/2024 15:23	67402 WAKE_T2	0	0	0	0	0	0	-0.35	-0.35	1	1	0	600	600	0
2/15/2024 15:23	60201 ATGL_T2	0	0	0	0	0	0	-0.23	-0.22	2	2	0	900	900	0
2/15/2024 15:25	20403 ASHF_T2	0	8	8	0	0	0	0.38	0.43	0	0	0	0	0	0
2/15/2024 15:28	43001 ALWD_T1	8	9	1	0.15	0.13	-0.02	0	0	0	0	0	0	0	0
2/15/2024 15:28	67401 WAKE_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/15/2024 15:32	60603 NCOL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/15/2024 15:32	13503 MCMI_T2	2	0	-2	0.2	0	-0.2	-0.81	-0.76	0	0	0	0	0	0
2/15/2024 15:35	60602 NCOL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/15/2024 15:35	27501 WEIS_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/15/2024 15:36	65001 NEFF_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/15/2024 15:39	67401 WAKE_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/15/2024 15:40	27504 WEIS_T1	0	0	0	0	0	0	-0.82	-0.81	0	0	0	0	0	0
2/15/2024 15:42	49804 UNIV_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/15/2024 15:43	26401 INOR_T1	0	3	3	0	0	0	0.66	0.73	0	0	0	0	0	0
2/15/2024 15:44	67402 WAKE_T2	0	0	0	0	0	0	-0.35	-0.33	1	1	0	600	600	0
2/15/2024 15:48	44504 HAMI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/15/2024 15:52	44502 HAMI_T2	1	1	0	2.5	2.6	0.1	0	0	0	0	0	0	0	0
2/15/2024 15:52	28604 BLYT_T2	2	0	-2	0	0	-1.49	-1.54	0	0	0	0	0	0	0
2/15/2024 15:53	59102 WALK_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/15/2024 15:53	42701 AUGU_T1	8	3	-5	0.4	0.7	0.3	0	0	2	2	0	1800	1800	0
2/15/2024 15:54	67401 WAKE_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/15/2024 15:54	44503 HAMI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/15/2024 15:54	42701 AUGU_T1	8	3	-5	0.4	0.7	0.3	0	0	2	2	0	1800	1800	0
2/15/2024 15:54	56801 BENV_T1	10	8	-2	0.58	0.25	-0.33	0	0	0	0	0	0	0	0
2/15/2024 15:55	59102 WALK_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/15/2024 15:55	44502 HAMI_T2	1	1	0	2.5	2.6	0.1	0	0	0	0	0	0	0	0
2/15/2024 15:56	44503 HAMI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/15/2024 15:56	42701 AUGU_T1	8	3	-5	0.4	0.7	0.3	0	0	4	4	0	3600	3600	0
2/15/2024 15:57	65005 NEFF_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/15/2024 15:57	62605 ENGL_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/15/2024 15:58	44503 HAMI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/15/2024 15:58	26402 INOR_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/15/2024 16:00	67401 WAKE_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/15/2024 16:00	20601 GRWO_T2	87	88	1	0.83	0.79	-0.04	0	0	0	0	0	0	0	0
2/15/2024 16:01	25404 LAHA_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/15/2024 16:06	47101 MARL_T1	68	73	5	1.18	0.92	-0.26	-2.84	-3.15	2	2	0	1200	1200	0
2/15/2024 16:07	47104 MARL_T1	0	1	1	0	0	0	0	0	0	0	0	0	0	0
2/15/2024 16:08	47104 MARL_T1	0	1	1	0	0	0	0	0	0	0	0	0	0	0
2/15/2024 16:08	40502 CRES_T2	0	54	54	0	0.55	0.55	0.18	0.26	0	0	0	0	0	0
2/15/2024 16:10	67401 WAKE_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/15/2024 16:11	47104 MARL_T1	0	1	1	0	0	0	0	0	0	0	0	0	0	0
2/15/2024 16:12	40502 CRES_T2	0	54	54	0	0.55	0.55	0.36	0.51	0	0	0	0	0	0
2/15/2024 16:13	40502 CRES_T2	0	54	54	0	0.55	0.55	0.18	0.26	0	0	0	0	0	0
2/15/2024 16:14	40502 CRES_T2	0	54	54	0	0.55	0.55	0.72	1.02	0	0	0	0	0	0
2/15/2024 16:15	67401 WAKE_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/15/2024 16:15	40501 CRES_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/15/2024 16:16	40501 CRES_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/15/2024 16:17	40501 CRES_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/15/2024 16:18	40501 CRES_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/15/2024 16:19	13903 SEID_T1	0	0	0	0	0	0	-0.1	-0.08	1	1	0	600	600	0
2/15/2024 16:21	40501 CRES_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/15/2024 16:22	47104 MARL_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/15/2024 16:24	40502 CRES_T2	461	476	15	2.62	2.88	0.26	0.26	0.24	0	0	0	0	0	0
2/15/2024 16:26	40501 CRES_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/15/2024 16:27	47104 MARL_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/15/2024 16:34	65002 NEFF_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/15/2024 16:35	13902 SEID_T1	1	0	-1	0.5	0	-0.5	0	0	0	0	0	0	0	0
2/15/2024 16:40	49804 UNIV_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/15/2024 16:41	11104 EGYP_T1	1	1	0	0	0	0	0.35	0.38	0	0	0	0	0	0
2/15/2024 16:43	40502 CRES_T2	434	704	270	3.04	2.35	-0.69	0.24	0.27	0	0	0	0	0	0
2/15/2024 16:43	48302 ORWI_T2	6	6	0	4.52	0.9	-3.62	-0.52	-0.51	0	0	0	0	0	0
2/15/2024 16:44	40501 CRES_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/15/2024 16:45	40502 CRES_T2	465	778	313	2.71	2.86	0.15	0.24	0.27	0	0	0	0	0	0
2/15/2024 16:46	40501 CRES_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/15/2024 16:49	47104 MARL_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/15/2024 16:51	13902 SEID_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/15/2024 16:54	47101 MARL_T1	77	208	131	0.94	1.12	0.18	-1.56	-1.33	1	1	0	600	600	0
2/15/2024 16:55	40501 CRES_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/15/2024 17:11	40502 CRES_T2	660	777	117	2.9	2.97	0.07	1.2	1.31	0	0	0	0	0	0
2/15/2024 17:12	40502 CRES_T2	660	777	117	2.9	2.97	0.07	0.4	0.44	0	0	0	0	0	0
2/15/2024 17:15	47802 MOCA_T2	0	0	0	0	0	0	0.32	0.32	0	0	0	0	0	0
2/15/2024 17:17	40501 CRES_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/15/2024 17:18	40502 CRES_T2	887	880	-7	2.86	2.86	0	0.4	0.44	0	0	0	0	0	0
2/15/2024 17:21	65005 NEFF_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/15/2024 17:24	40501 CRES_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/15/2024 17:27	40501 CRES_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/15/2024 17:29	40502 CRES_T2	887	880	-7	2.86	2.86	0	0.44	0.4	0	0	0	0	0	0
2/15/2024 17:32	40501 CRES_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/15/2024 17:36	20402 ASHF_T2	0	1	1	0	0	0	0	0	0	0	0	0	0	0
2/15/2024 18:09	40101 HUNT_T2	439	417	-22	2.58	2.24	-0.34	-0.35	-0.3	0	0	0	0	0	0
2/15/2024 18:12	40101 HUNT_T2	439	417	-22	2.58	2.24	-0.34	-0.35	-0.3	0	0

Appendix C - Grid Benefits Achieved in Each Instance of Active Management

2/15/2024 19:29	24902 WHHA_T1	0	0	0	0	0	0	0.5	0.54	0	0	0	0	0	0
2/15/2024 19:29	47401 PENS_T1	0	0	0	0	0	0	0.87	0.86	0	0	0	0	0	0
2/15/2024 19:29	29402 BELT_T1	1	1	0	5.4	5.3	-0.1	0	0	0	0	0	0	0	0
2/15/2024 19:30	53502 EVIL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/15/2024 19:30	15001 BLMO_T1	0	2	2	0	0	0	0	0	0	0	0	0	0	0
2/15/2024 19:30	42601 TUSC_T1	9	12	3	0.18	0.23	0.05	-0.71	0.64	3	2	-1	2400	1200	-1200
2/15/2024 19:30	44502 HAMI_T2	1	1	0	2.1	2.3	0.2	0	0	0	0	0	0	0	0
2/15/2024 19:30	20603 GRWO_T2	53	40	-13	1.05	0.52	-0.53	0	0	0	0	0	0	0	0
2/15/2024 19:30	45501 DERR_T2	2	2	0	0.1	0.2	0.1	0.78	0.77	2	2	0	1800	1800	0
2/15/2024 19:30	56802 BENV_T2	1	1	0	0.1	0.1	0	-1.29	-1.33	0	0	0	0	0	0
2/15/2024 19:31	46203 DANV_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/15/2024 19:31	16302 ALPA_T2	1	1	0	0.5	0	-0.5	0.73	0.68	0	0	0	0	0	0
2/15/2024 19:31	44802 EDAN_T2	0	0	0	0	0	0	-2.14	-2.13	1	1	0	1200	1200	0
2/15/2024 19:31	56802 BENV_T2	1	1	0	0.1	0.1	0	-1.29	-1.33	0	0	0	0	0	0
2/15/2024 19:32	46202 DANV_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/15/2024 19:32	44801 EDAN_T2	36	36	0	0.64	0.52	-0.12	0	0	0	0	0	0	0	0
2/15/2024 19:32	46301 ROHR_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/15/2024 19:32	55001 NEWP_T1	1	2	1	0.3	0.1	-0.2	0	0	0	0	0	0	0	0
2/15/2024 19:32	49804 UNIV_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/15/2024 19:32	42601 TUSC_T1	9	12	3	0.18	0.23	0.05	-0.71	0.64	3	2	-1	2400	1200	-1200
2/15/2024 19:32	10805 CHHI_T2	7	13	6	3.9	2.47	-1.43	-0.66	-0.61	0	0	0	0	0	0
2/15/2024 19:33	49803 UNIV_T1	0	1	1	0	0	0	-0.94	-0.95	0	0	0	0	0	0
2/15/2024 19:33	48303 ORWI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/15/2024 19:33	41802 GOCI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/15/2024 19:33	43001 ALWD_T1	4	11	7	0.13	0.16	0.03	0	0	0	0	0	0	0	0
2/15/2024 19:33	43201 MVIL_T2	0	0	0	0	0	0	-0.32	-0.33	0	0	0	0	0	0
2/15/2024 19:33	42903 MIDD_T2	0	0	0	0	0	0	0.28	0.24	0	0	0	0	0	0
2/15/2024 19:33	42701 AUGU_T1	92	89	-3	2.3	1.69	-0.61	0	0	2	2	0	1800	1800	0
2/15/2024 19:33	43202 MVIL_T2	0	0	0	0	0	0	-0.64	-0.67	0	0	0	0	0	0
2/15/2024 19:33	29402 BELT_T1	1	1	0	5.3	5.3	0	0	0	0	0	0	0	0	0
2/15/2024 19:33	43402 BENT_T1	0	0	0	0	0	0	-1.53	-0.89	2	1	-1	1500	900	-600
2/15/2024 19:34	55002 NEWP_T1	2	3	1	0.1	0.37	0.27	-0.21	-0.2	0	0	0	0	0	0
2/15/2024 19:34	43301 WATS_T2	0	1	1	0	0	0	0	0	0	0	0	0	0	0
2/15/2024 19:34	59102 WALK_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/15/2024 19:34	54503 ENOL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/15/2024 19:34	44502 HAMI_T2	1	1	0	2.1	2.3	0.2	0	0	0	0	0	0	0	0
2/15/2024 19:34	67001 STHI_T2	13	73	60	0.17	0.12	-0.05	0	0	0	0	0	0	0	0
2/15/2024 19:34	13503 MCMI_T2	0	0	0	0	0	0	-0.61	-0.63	0	0	0	0	0	0
2/15/2024 19:34	46201 DANV_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/15/2024 19:34	43104 SMIL_T2	0	0	0	0	0	0	-0.68	-0.68	1	1	0	300	300	0
2/15/2024 19:34	11102 EGYP_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/15/2024 19:34	43201 MVIL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/15/2024 19:34	56802 BENV_T2	1	1	0	0.1	0.1	0	-1.29	-1.33	0	0	0	0	0	0
2/15/2024 19:35	59101 WALK_T2	0	0	0	0	0	0	0.8	1.03	1	1	0	450	450	0
2/15/2024 19:35	13503 MCMI_T2	0	0	0	0	0	0	-0.61	-0.63	0	0	0	0	0	0
2/15/2024 19:35	43304 WATS_T2	22	19	-3	0.45	0	-0.45	-0.23	-0.27	0	0	0	0	0	0
2/15/2024 19:35	43401 BENT_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/15/2024 19:35	10805 CHHI_T2	7	13	6	3.9	2.47	-1.43	-0.66	-0.61	0	0	0	0	0	0
2/15/2024 19:35	47104 MARL_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/15/2024 19:35	43201 MVIL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/15/2024 19:35	25404 LAHA_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/15/2024 19:35	56802 BENV_T2	1	1	0	0.1	0.1	0	-1.29	-1.33	0	0	0	0	0	0
2/15/2024 19:36	48303 ORWI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/15/2024 19:36	15704 TANN_T1	0	0	0	0	0	0	-0.93	-0.93	0	0	0	0	0	0
2/15/2024 19:36	44801 EDAN_T2	36	36	0	0.64	0.52	-0.12	0	0	0	0	0	0	0	0
2/15/2024 19:36	53501 EVIL_T2	0	1	1	0	0.4	0.4	-1.44	-1.43	2	2	0	1200	1200	0
2/15/2024 19:36	44301 BEAV_T2	0	0	0	0	0	0	-0.32	-0.22	1	1	0	600	600	0
2/15/2024 19:36	46204 DANV_T2	0	1	1	0	0	0	0	0	0	0	0	0	0	0
2/15/2024 19:36	47403 PENS_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/15/2024 19:36	40101 HUNT_T2	495	468	-27	2.18	1.95	-0.23	-0.33	-0.33	0	0	0	0	0	0
2/15/2024 19:36	13503 MCMI_T2	0	0	0	0	0	0	-0.61	-0.63	0	0	0	0	0	0
2/15/2024 19:36	59402 RFLD_T2	0	0	0	0	0	0	-0.8	-0.8	1	1	0	450	450	0
2/15/2024 19:36	42701 AUGU_T1	92	89	-3	2.3	1.69	-0.61	0	0	4	4	0	3600	3600	0
2/15/2024 19:37	43101 SMIL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/15/2024 19:37	47101 MARL_T1	792	849	57	0.92	0.9	-0.02	-1.27	-1.3	1	1	0	600	600	0
2/15/2024 19:37	47802 MOCA_T2	0	0	0	0	0	0	0.44	0.44	0	0	0	0	0	0
2/15/2024 19:37	54701 NEBL_T1	2	0	-2	0.15	0	-0.15	0	0	2	2	0	1200	1200	0
2/15/2024 19:37	29402 BELT_T1	1	1	0	5.3	5.3	0	0	0	0	0	0	0	0	0
2/15/2024 19:37	40101 HUNT_T2	495	468	-27	2.18	1.95	-0.23	-0.33	-0.33	0	0	0	0	0	0
2/15/2024 19:37	66502 SMAN_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/15/2024 19:37	44601 SALE_T2	0	0	0	0	0	0	0.01	0	0	0	0	0	0	0
2/15/2024 19:37	40903 JESH_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/15/2024 19:37	67605 WARW_T1	0	0	0	0	0	0	-1.03	-1.05	0	0	0	0	0	0
2/15/2024 19:37	15001 BLMO_T1	0	2	2	0	0	0	0	0	0	0	0	0	0	0
2/15/2024 19:37	52002 LING_T2	0	0	0	0	0	0	-0.08	-0.09	0	0	0	0	0	0
2/15/2024 19:37	41602 CLEV_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/15/2024 19:37	45402 WBLO_T2	0	0	0	0	0	0	-0.44	-0.46	0	0	0	0	0	0
2/15/2024 19:38	62607 ENGL_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/15/2024 19:38	28602 BLYT_T2	0	2	2	0	0	0	0	0	0	0	0	0	0	0
2/15/2024 19:38	56504 ROCK_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/15/2024 19:38	44505 HAMI_T2	352	351	-1	5.01	4.3	-0.71	-0.01	-0.01	0	0	0	0	0	0
2/15/2024 19:38	64703 LITI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/15/2024 19:38	23902 EFMO_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/15/2024 19:38	47104 MARL_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/15/2024 19:38	40101 HUNT_T2	495	468	-27	2.18	1.95	-0.23	-0.33	-0.34	0	0	0	0	0	0
2/15/2024 19:39	56803 BENV_T1	14	13	-1	0.41	0.35	-0.06	-0.37	-0.41	0	0	0	0	0	0
2/15/2024 19:39	64802 MONE_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/15/2024 19:39	54001 SDLE_T1	3	4	1	0.23	0.55	0.32	0	0	0	0	0	0	0	0
2/15/2024 19:39	55002 NEWP_T1	2	3	1	0.1	0.37	0.27	-0.2	-0.22	0	0	0	0	0	0
2/15/2024 19:39	57404 SPAN_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/15/2024 19:39	44301 BEAV_T2	0	0	0	0	0	0	-0.22	-0.13	1	1	0	600	600	0
2/15/2024 19:39	42701 AUGU_T1	92	89	-3	2.3	1.69	-0.61	0	0	2	2	0	1800	1800	0
2/15/2024 19:39	13503 MCMI_T2	0	0	0	0	0	0	-0.63	-0.63	0	0	0	0	0	0
2/15/2024 19:39	47402 PENS_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/15/2024 19:40	54504 ENOL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/15/2024 19:40	44801 EDAN_T2	36	36	0	0.64	0.52	-0.12	0	0	0	0	0	0	0	0
2/15/2024 19:40	54505 ENOL_T2	1	1	0	0.5	0.5	0	-1.18	-1.19	1	1	0	600	600	0
2/15/2024 19:40	67502 WEWI_T2	0	0	0	0	0	0	-1.37	-1.34	1	1	0	900	900	0
2/15/2024 19:40	67001 STHI_T2	13	73	60	0.17	0.12	-0.05	0.13	0.12	0	0	0	0	0	0
2/15/2024 19:40	17002 RIRO_T2	0	0	0	0	0	0	0.42	0.45	0	0	0	0	0	0
2/15/2024 19:40	20403 ASHF_T2	0	0	0	0	0	0	0.78	0.89	0	0	0	0	0	0
2/15/2024 19:40	41601 CLEV_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/15/2024 19:40	41801 GOCI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/15/2024 19:40	57401 SPAN_T1	0	0	0	0	0	0	-0.66	-0.64	1	1	0	600	600	0
2/15/2024 19:40	59101 WALK_T2	0	0	0	0	0	0	1.03	1.16	1	1	0	450	450	0
2/15/2024 19:40	56802 BENV_T2	1	1	0	0.1	0.1	0	-3.99	-3.87	0	0	0	0	0	0
2/15/2024 19:40	42701 AUGU_T1	92	89	-3	2.3	1.69	-0.61	0	0	2	2	0	1800	1800	0
2/15/2024 19:40	57401 SPAN_T1	0	0	0	0	0	0	-0.66	-0.64	1	1	0	600	600	0
2/15/2024 19:40	60201 ATGL_T2	0	1	1	0	0	0	-0.19	-0.21	2	2	0	900	900	0
2/15/2024 19:41	54502 ENOL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/15/2024 19:41	65503 MOJO_T2	0	0	0	0	0	0	-0.49	-0.49	0	0	0	0	0	0
2/15/2024 19:41	57403 SPAN_T1	0	1	1	0	0	0	0.18	0.14	0	0	0	0	0	0
2/15/2024 19:41	10801 CHHI_T1	0	0	0	0	0	0	-1.37	-0.78	2	1	-1	1500	900	-600
2/15/2024 19:41	10701 CATA_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/15/2024 19:41	13701 SCHN_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/15/2024 19:41	43304 WATS_T2	22	19	-3	0.45	0	-0.45	-0.27	-0.29	0	0	0	0	0	0
2/15/2024 19:41	46302 ROHR_T1	4	4	0	0.88	0.53	-0.35	0.26	0.26	0	0	0	0	0	0
2/15/2024 19:41	57403 SPAN_T1	0	1	1	0	0	0	0.18	0.14	0	0	0	0	0	0
2/15/2024 19:41	67002 STHI_T2	10	32	22	0.12	0.13	0.01	1.22	1.26	0	0	0	0	0	0
2/15/2024 19:41	27501 WEIS_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/15/2024 19:42	57401 SPAN_T1	0	0	0	0	0	0	-0.66	-0.64	1	1	0	600	600	0
2/15/2024 19:42	40602 PIGR_T1	0	0	0	0	0	0	-0.45	-0.41	0	0	0	0	0	0
2/15/2024 19:42	20402 ASHF_T2	1	3	2	0.3	0	-0.3	0	0	0	0	0	0	0	0
2/15/2024 19:42	54204 PENN_T2	2	2	0	0.25	0.35	0.1	0	0	0	0	0	0	0	0
2/15/2024 19:42	47101 MARL_T1	792	849	57	0.92	0.9	-0.02	-1.3	-1.31	1	1	0	600	600	0
2/15/2024 19:42	46002 BERW_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/15/2024 19:42	60803 BUCK_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/15/2024 19:42	67502 WEWI_T2	0	0	0	0	0	0	-1.37	-1.34	1	1	0	900	900	0
2/15/2024 19:42	56504 ROCK_T2	0	0	0	0	0	0	-0.34	-0.35	0	0	0	0	0	0
2/15/2024 19:42	56802 BENV_T2	1	1	0	0.1	0.1	0	-2.66	-2.58	0	0	0	0	0	0
2/15/2024 19:42	47402 PENS_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/15/2024 19:42	16302 ALPA_T2	1	1	0	0.5	0	-0.5	1.36	1.4	0	0	0	0	0	0
2/15/2024 19:42	42701 AUGU_T1	92	89	-3	2.3	1.69	-0.61	0	0	2	2	0	1800	1800	0
2/15/2024 19:43	59001 MIFF_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/15/2024 19:43	54502 ENOL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/15/2024 19:43	43304 WATS_T2	22	19	-3	0.45	0	-0.45	-0.27	-0.29	0	0	0	0	0	0
2/15/2024 19:43	65003 NEFF_T2	0	3	3	0	0.13	0.13	0	0	0	0	0	0	0	0
2/15/2024 19:43	54501 ENOL_T2	0	0	0	0	0	0	0.13	0.14	0	0	0	0	0	0
2/15/2024 19:43	67201 TEHI_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/15/2024 19:43	65503 MOJO_T2	0	0	0	0	0	0	-0.49	-0.49	0	0	0	0	0	0
2/15/2024 19:43	44801 EDAN_T2	36	36	0	0.64	0.52	-0.12	0	0	0	0	0	0	0	0
2/15/2024 19:43	15001 BLMO_T1	0	2	2	0	0	0	0	0	0	0	0	0	0	0
2/15/2024 19:43	54001 SDLE_T1	3	4	1	0.23	0.55	0.32	0	0	0	0	0	0	0	0
2/15/2024 19:43	16302 ALPA_T2	1	1	0	0.5	0	-0.5	0.68	0.7	0	0	0	0	0	0
2/15/2024 19:43	40101 HUNT_T2	495	468	-27	2.18	1.95	-0.23	-0.33	-0.34	0	0	0	0	0	0
2/15/2024 19:43	56802 BENV_T2	1	1	0	0.1	0.1	0	-1.33	-1.29	0	0	0	0	0	0
2/15/2024 19:44	47104 MARL_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/15/2024 19:44	10701 CATA_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/15/2024 19:44	57403 SPAN_T1	0	1	1	0	0	0	0	0	0	0	0	0	0	0
2/15/2024 19:44	48302 ORWI_T2	2	2	0	0.9	1.1	0.2	-0.48	-0.49	0	0	0	0	0	0
2/15/2024 19:44	20402 ASHF_T2	1	3	2	0.3	0	-0.3	0	0	0	0	0	0	0	0
2/15/2024 19:44	54501 ENOL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/15/2024 19:44	56802 BENV_T2	1	1	0	0.1	0.1	0	-1.33	-1.29	0	0	0	0	0	0
2/15/2024 19:44	64702 LITI_T2	0	0	0	0	0	0	-0.84	-0.81	0	0	0	0	0	0
2/15/2024 19:44	13704 SCHN_T2	0	0	0	0	0	0	-0.79	-0.81	0	0	0	0	0	0
2/15/2024 19:44	56801 BENV_T1	7	13	6	0.84	1.07	0.23	-0.6	-0.61	1	1	0	600	600	0
2/15/2024 19:45	57306 MOAL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/15/2024 19:45	67503 WEWI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/15/2024 19:45	54001 SDLE_T1	3	4	1	0.3	0.55	0.25	0	0	0	0	0	0	0	0
2/15/2024 19:45	54206 PENN_T2	5	37	32	0.18	0.14	-0.04	-0.03	0	0	0	0	0	0	0
2/15/2024 19:45	60803 BUCK_T1	0	0	0	0	0	0	-1.15	-1.15	1	1	0	600	600	0
2/15/2024 19:45	67001 STHI_T2	27	259	232	0.14	0.14	0	0.26	0.24	0	0	0	0	0	0
2/15/2024 19:45	54502 ENOL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/15/2024 19:45	53903 HALI_T2	1	0	-1	4.2	0	-4.2	-0.23	-0.23	0	0	0	0	0	0
2/15/2024 19:45	16302 ALPA_T2	1	0	-1	0.4	0	-0.4	0.68	0.7	0	0	0	0	0	0
2/15/2024 19:45	42701 AUGU_T1	89	87	-2	1.85	1.64	-0.21	0	0	4	4	0	3600	3600	0
2/15/2024 19:45	52002 LING_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/15/2024 19:46	67502 WEWI_T2	0	0	0	0	0	0	-2.73	-2.68	2	2	0	1800	1800	0
2/15/2024 19:46	44501 HAMI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/15/2024 19:46	67605 WARW_T1	0	1	1	0	0.1	0.1	-1.05	-1.04	0	0	0	0	0	0
2/15/2024 19:46	54001 SDLE_T1	3	4	1	0.3	0.55	0.25	0	0	0	0	0	0	0	0
2/15/2024 19:46	20601 GRWO_T2	77	87	10	0.42	0.52	0.1	0.15	0.11	0	0	0	0	0	0
2/15/2024 19:46	56504 ROCK_T2	0	0	0	0	0	0	-0.34	-0.35	0	0	0	0	0	0
2/15/2024 19:46	67502 WEWI_T2	0	0	0	0	0	0	-2.73	-2.68	2	2	0	1800	1800	0
2/15/2024 19:46	67402 WAKE_T2	0	0	0	0	0	0	-0.35	-0.37	1	1	0	600	600	0
2/15/2024 19:46	54206 PENN_T2	5	37	32	0.18	0.14	-0.04	-0.03	0	0	0	0	0	0	0
2/15/2024 19:47	62605 ENGL_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/15/2024 19:47	41801 GOCI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/15/2024 19:47	44505 HAMI_T2	351	350	-1	4.46	4.26	-0.2	-0.01	-0.01	0	0	0	0	0	0
2/15/2024 19:47	42701 AUGU_T1	89	87	-2	1.85	1.64	-0.21	0	0	2	2	0	1800	1800	0
2/15/2024 19:47	53502 EVIL_T2	0	0	0	0	0	0	0	0	0	0

2/15/2024 22:26	65004 NEFF_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/15/2024 22:42	65002 NEFF_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/16/2024 0:08	54502 ENOL_T2	1	0	-1	0.3	0	-0.3	-1.15	-1.14	1	1	0	600	600	0
2/16/2024 0:51	45802 HEGI_T2	1	0	-1	0.2	0	-0.2	0.8	0.82	0	0	0	0	0	0
2/16/2024 0:57	65003 NEFF_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/16/2024 0:58	40502 CRES_T2	1	6	5	0.1	0.12	0.02	-1.75	-1.76	0	0	0	0	0	0
2/16/2024 1:39	27501 WEIS_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/16/2024 1:46	44504 HAMI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/16/2024 1:57	40502 CRES_T2	17	17	0	0.35	0.17	-0.18	-0.94	-0.28	0	0	0	0	0	0
2/16/2024 1:58	40501 CRES_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/16/2024 1:59	40501 CRES_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/16/2024 2:00	40501 CRES_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/16/2024 2:01	40502 CRES_T2	12	3	-9	0.17	0	-0.17	-2.81	-0.84	0	0	0	0	0	0
2/16/2024 2:02	40502 CRES_T2	12	3	-9	0.17	0	-0.17	-2.81	-0.84	0	0	0	0	0	0
2/16/2024 2:03	40502 CRES_T2	12	3	-9	0.17	0	-0.17	-1.88	-0.56	0	0	0	0	0	0
2/16/2024 2:04	40502 CRES_T2	12	3	-9	0.17	0	-0.17	-0.94	-0.28	0	0	0	0	0	0
2/16/2024 2:08	40502 CRES_T2	12	3	-9	0.17	0	-0.17	-0.28	-0.33	0	0	0	0	0	0
2/16/2024 2:16	65003 NEFF_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/16/2024 2:40	40502 CRES_T2	3	0	-3	0.33	0	-0.33	-0.32	-0.32	0	0	0	0	0	0
2/16/2024 2:54	40501 CRES_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/16/2024 2:56	40502 CRES_T2	0	0	0	0	0	0	-0.32	-0.42	0	0	0	0	0	0
2/16/2024 5:02	65005 NEFF_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/16/2024 5:44	65005 NEFF_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/16/2024 6:10	65005 NEFF_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/16/2024 6:47	65002 NEFF_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/16/2024 7:03	65003 NEFF_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/16/2024 7:50	65003 NEFF_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/16/2024 8:06	42601 TUSC_T1	18	37	19	0.9	0.44	-0.46	-0.52	-0.58	2	2	0	1800	1800	0
2/16/2024 8:08	43402 BENT_T1	0	1	1	0	0	0.87	-0.89	-0.89	2	1	-1	1500	900	-600
2/16/2024 8:09	45501 DERR_T2	2	2	0	0.7	0.6	-0.1	0.96	0.84	2	2	0	1800	1800	0
2/16/2024 8:10	43402 BENT_T1	0	1	1	0	0	0	-0.87	-0.89	1	1	0	900	900	0
2/16/2024 8:12	10801 CHHI_T1	0	0	0	0	0	0	-1.08	-0.56	2	1	-1	1500	900	-600
2/16/2024 8:16	20603 GRWO_T2	2	0	-2	0.1	0	-0.1	0	0	0	0	0	0	0	0
2/16/2024 8:21	44503 HAMI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/16/2024 8:21	42701 AUGU_T1	70	62	-8	1.34	0.57	-0.77	0	0	1	1	0	600	600	0
2/16/2024 8:22	49804 UNIV_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/16/2024 8:22	44501 HAMI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/16/2024 8:24	44504 HAMI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/16/2024 8:29	64703 LITI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/16/2024 8:31	64702 LITI_T2	0	0	0	0	0	0	-0.84	-0.77	0	0	0	0	0	0
2/16/2024 8:36	40101 HUNT_T2	311	318	7	1.09	0.71	-0.38	-0.17	-0.17	0	0	0	0	0	0
2/16/2024 8:40	44502 HAMI_T2	1	1	0	1.9	2	0.1	0	0	0	0	0	0	0	0
2/16/2024 8:40	53601 DALM_T2	1	4	3	0.2	1.1	0.9	0.25	-0.69	1	2	1	600	1500	900
2/16/2024 8:44	64702 LITI_T2	0	0	0	0	0	0	-0.77	-0.87	0	0	0	0	0	0
2/16/2024 8:47	64702 LITI_T2	0	0	0	0	0	0	-0.77	-0.87	0	0	0	0	0	0
2/16/2024 8:48	62606 ENGL_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/16/2024 8:54	46203 DANV_T2	25	22	-3	0.34	0.3	-0.04	0	0	0	0	0	0	0	0
2/16/2024 8:57	46205 DANV_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/16/2024 9:00	40505 CRES_T1	0	0	0	0	0	0	0.45	0.41	0	0	0	0	0	0
2/16/2024 9:00	27503 WEIS_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/16/2024 9:00	53902 HALI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/16/2024 9:00	43401 BENT_T1	1	1	0	0.2	0.4	0.2	0	0	0	0	0	0	0	0
2/16/2024 9:00	42601 TUSC_T1	16	8	-8	0.36	0.63	0.27	-0.49	-0.58	2	2	0	1800	1800	0
2/16/2024 9:00	40502 CRES_T2	1	6	5	0.1	0.12	0.02	-0.68	-0.73	0	0	0	0	0	0
2/16/2024 9:00	42903 MIDD_T2	2	5	3	0.45	0.45	0	0.5	0.44	0	0	0	0	0	0
2/16/2024 9:00	46205 DANV_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/16/2024 9:00	47402 PENS_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/16/2024 9:00	49803 UNIV_T1	0	0	0	0	0	0	-0.9	-0.87	0	0	0	0	0	0
2/16/2024 9:00	24101 EHAZ_T1	59	64	5	1.26	1.24	-0.02	0	0	0	0	0	0	0	0
2/16/2024 9:00	47101 MARL_T1	18	16	-2	0.57	0.68	0.11	-1.76	-1.61	1	1	0	600	600	0
2/16/2024 9:00	47101 MARL_T1	18	16	-2	0.57	0.68	0.11	-1.76	-1.61	1	1	0	600	600	0
2/16/2024 9:00	58401 MORO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/16/2024 9:00	46002 BERW_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/16/2024 9:00	62601 ENGL_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/16/2024 9:00	10801 CHHI_T1	0	1	1	0	0.2	0.2	-0.56	-0.57	1	1	0	900	900	0
2/16/2024 9:00	67502 WEWI_T2	2	2	0	0.6	0.55	-0.05	-1.16	-0.14	1	1	0	900	900	0
2/16/2024 9:00	13503 MCMI_T2	0	0	0	0	0	0	-0.71	-0.71	0	0	0	0	0	0
2/16/2024 9:00	43001 ALWD_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/16/2024 9:01	65502 MOJO_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/16/2024 9:06	55102 WERT_T2	0	0	0	0	0	0	-0.81	-0.87	0	0	0	0	0	0
2/16/2024 9:06	13901 SEID_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/16/2024 9:06	60701 BREC_T1	0	0	0	0	0	0	0.31	-0.31	1	2	1	600	1200	600
2/16/2024 9:06	59202 THOM_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/16/2024 9:07	43402 BENT_T1	0	0	0	0	0	0	-0.87	-0.88	1	1	0	900	900	0
2/16/2024 9:07	46205 DANV_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/16/2024 9:07	67401 WAKE_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/16/2024 9:07	47101 MARL_T1	18	16	-2	0.57	0.68	0.11	-1.76	-1.61	1	1	0	600	600	0
2/16/2024 9:07	40101 HUNT_T2	294	248	-46	0.71	0.56	-0.15	-0.16	-0.17	0	0	0	0	0	0
2/16/2024 9:07	41901 REED_T1	11	10	-1	0.81	0.85	0.04	0	0	0	0	0	0	0	0
2/16/2024 9:08	40603 PIGR_T1	0	0	0	0	0	0	0.37	0.38	0	0	0	0	0	0
2/16/2024 9:08	60801 BUCK_T1	0	0	0	0	0	0	-0.53	-0.4	1	1	0	600	600	0
2/16/2024 9:08	54505 ENOL_T2	1	1	0	0.8	0.9	0.1	0	0	0	0	0	0	0	0
2/16/2024 9:08	40101 HUNT_T2	294	248	-46	0.71	0.56	-0.15	-0.17	-0.15	0	0	0	0	0	0
2/16/2024 9:09	46202 DANV_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/16/2024 9:09	54501 ENOL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/16/2024 9:09	45501 DERR_T2	0	0	0	0	0	0	0.78	0.68	2	2	0	1800	1800	0
2/16/2024 9:09	44505 HAMI_T2	254	250	-4	0.74	0.42	-0.32	-0.01	-0.01	0	0	0	0	0	0
2/16/2024 9:10	54506 ENOL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/16/2024 9:10	56803 BENV_T1	16	19	3	0.76	0.73	-0.03	0	0	0	0	0	0	0	0
2/16/2024 9:11	44503 HAMI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/16/2024 9:11	54505 ENOL_T2	1	1	0	0.8	0.9	0.1	0	0	0	0	0	0	0	0
2/16/2024 9:11	54502 ENOL_T2	1	1	0	0.3	0.4	0.1	-1.14	-1.15	1	1	0	600	600	0
2/16/2024 9:12	53602 DALM_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/16/2024 9:12	56803 BENV_T1	16	19	3	0.76	0.73	-0.03	0	0	0	0	0	0	0	0
2/16/2024 9:13	25404 LAHA_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/16/2024 9:20	40101 HUNT_T2	219	209	-10	0.63	0.51	-0.12	-0.17	-0.15	0	0	0	0	0	0
2/16/2024 9:23	54502 ENOL_T2	1	1	0	0.4	0.4	0	0	0	0	0	0	0	0	0
2/16/2024 9:25	54505 ENOL_T2	1	2	1	0.8	0.55	-0.25	-1.2	-1.23	1	1	0	600	600	0
2/16/2024 9:26	29402 BELT_T1	91	88	-3	0.51	0.51	0	0	0	0	0	0	0	0	0
2/16/2024 9:28	41801 GOCI_T2	1	1	0	0.2	0.5	0.3	0	0	0	0	0	0	0	0
2/16/2024 9:30	62605 ENGL_T1	2	2	0	0.35	0.35	0	0	0	0	0	0	0	0	0
2/16/2024 9:34	43202 MVIL_T2	1	1	0	1.2	0.6	-0.6	-0.56	-0.56	0	0	0	0	0	0
2/16/2024 9:34	41801 GOCI_T2	1	1	0	0.5	0.7	0.2	0	0	0	0	0	0	0	0
2/16/2024 9:34	58401 MORO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/16/2024 9:35	43303 WATS_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/16/2024 9:35	20602 GRWO_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/16/2024 9:36	43304 WATS_T2	0	0	0	0	0	0	-0.72	-0.74	1	1	0	600	600	0
2/16/2024 9:37	56802 BENV_T2	5	28	23	0.38	0.26	-0.12	-1.28	-1.31	0	0	0	0	0	0
2/16/2024 9:38	56802 BENV_T2	5	28	23	0.38	0.26	-0.12	-3.93	-4.04	0	0	0	0	0	0
2/16/2024 9:39	46201 DANV_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/16/2024 9:39	43303 WATS_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/16/2024 9:39	56802 BENV_T2	5	28	23	0.38	0.26	-0.12	-1.31	-1.35	0	0	0	0	0	0
2/16/2024 9:40	56802 BENV_T2	5	28	23	0.38	0.26	-0.12	-2.62	-2.69	0	0	0	0	0	0
2/16/2024 9:44	59002 MIFF_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/16/2024 9:45	47101 MARL_T1	35	43	8	0.84	0.68	-0.16	-1.5	-1.63	1	1	0	600	600	0
2/16/2024 9:46	43202 MVIL_T2	1	1	0	0.6	0	-0.6	-0.56	-0.58	0	0	0	0	0	0
2/16/2024 9:47	56504 ROCK_T2	0	0	0	0	0	0	-0.13	-0.06	0	0	0	0	0	0
2/16/2024 9:47	55002 NEWP_T1	2	3	1	0.25	0.7	0.45	-0.18	-0.21	0	0	0	0	0	0
2/16/2024 9:47	43201 MVIL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/16/2024 9:48	46702 RENO_T1	1	1	0	0.2	0.1	-0.1	-0.14	-0.12	0	0	0	0	0	0
2/16/2024 9:48	17002 RIRO_T2	0	4	4	0	0.13	0.13	0.67	0.66	0	0	0	0	0	0
2/16/2024 9:49	55002 NEWP_T1	2	3	1	0.25	0.7	0.45	-0.18	-0.21	0	0	0	0	0	0
2/16/2024 9:49	47101 MARL_T1	35	43	8	0.84	0.68	-0.16	-1.5	-1.63	1	1	0	600	600	0
2/16/2024 9:50	67502 WEWI_T2	2	2	0	0.55	0.75	0.2	-0.11	-0.09	0	0	0	0	0	0
2/16/2024 9:51	67402 WAKE_T2	0	0	0	0	0	0	-0.37	-0.37	1	1	0	600	600	0
2/16/2024 9:51	55002 NEWP_T1	2	3	1	0.25	0.7	0.45	-0.18	-0.21	0	0	0	0	0	0
2/16/2024 9:51	13701 SCHN_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/16/2024 9:51	29401 BELT_T1	26	48	22	0.13	0.19	0.06	0	0	0	0	0	0	0	0
2/16/2024 9:52	29401 BELT_T1	26	48	22	0.13	0.19	0.06	0	0	3	3	0	2700	2700	0
2/16/2024 9:56	10801 CHHI_T1	1	1	0	0.2	1.4	1.2	-0.72	-0.74	1	1	0	900	900	0
2/16/2024 9:56	29401 BELT_T1	26	48	22	0.13	0.19	0.06	0	0	0	0	0	0	0	0
2/16/2024 9:57	40603 PIGR_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/16/2024 9:58	40601 PIGR_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/16/2024 9:59	40602 PIGR_T1	0	0	0	0	0	0	-0.53	-0.56	1	1	0	600	600	0
2/16/2024 10:00	53901 HALI_T2	1	1	0	0.4	0.5	0.1	0	0	0	0	0	0	0	0
2/16/2024 10:00	47104 MARL_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/16/2024 10:01	20402 ASHF_T2	0	1	1	0	0	0	0	0	0	0	0	0	0	0
2/16/2024 10:01	43202 MVIL_T2	1	1	0	0.7	0.1	-0.6	0	0	0	0	0	0	0	0
2/16/2024 10:01	42601 TUSC_T1	13	30	17	0.62	0.42	-0.2	-0.58	-0.52	2	2	0	1800	1800	0
2/16/2024 10:02	55001 NEWP_T1	0	26	26	0	0.19	0.19	0	0	0	0	0	0	0	0
2/16/2024 10:02	57302 MOAL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/16/2024 10:02	53901 HALI_T2	1	1	0	0.4	0.5	0.1	0	0	0	0	0	0	0	0
2/16/2024 10:03	55002 NEWP_T1	3	4	1	0.7	0.93	0.23	-0.21	-0.16	0	0	0	0	0	0
2/16/2024 10:04	13503 MCMI_T2	0	15	15	0	0.23	0.23	-0.74	-0.75	0	0	0	0	0	0
2/16/2024 10:05	67201 TEHI_T1	3	3	0	0.53	0.35	-0.18	-0.07	0.01	1	1	0	600	600	0
2/16/2024 10:05	20403 ASHF_T2	0	0	0	0	0	0	0.22	0.17	0	0	0	0	0	0
2/16/2024 10:05	55002 NEWP_T1	3	4	1	0.7	0.93	0.23	-0.21	-0.16	0	0	0	0	0	0
2/16/2024 10:05	67401 WAKE_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/16/2024 10:05	47101 MARL_T1	38	59	21	0.65	0.86	0.21	-1.63	-1.75	1	1	0	600	600	0
2/16/2024 10:06	67201 TEHI_T1	3	3	0	0.53	0.35	-0.18	0	0	0	0	0	0	0	0
2/16/2024 10:07	54501 ENOL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/16/2024 10:07	54503 ENOL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/16/2024 10:07	56802 BENV_T2	26	47	21	0.25	0.24	-0.01	-1.35	-1.3	0	0	0	0	0	0
2/16/2024 10:08	54506 ENOL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/16/2024 10:08	54503 ENOL_T2	0	0	0	0	0	0	-1.77	-1.83	1	1	0	600	600	0
2/16/2024 10:08	54502 ENOL_T2	1	1	0	0.2	0.6	0.4	0	0	0	0	0	0	0	0
2/16/2024 10:08	45502 DERR_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/16/2024 10:08	40101 HUNT_T2	178	129	-49	0.59	0.65	0.06	-0.16	-0.2	0	0	0	0	0	0
2/16/2024 10:09	43001 ALWD_T1	0	1	1	0	0.2	0.2	0	0	0	0	0	0	0	0
2/16/2024 10:10	67402 WAKE_T2	0	2	2	0	0.1	0.1	-0.36	-0.35	1	1	0	600	600	0
2/16/2024 10:10	40101 HUNT_T2	178	129	-49	0.59	0.65	0.06	-0.16	-0.2	0	0	0	0	0	0
2/16/2024 10:10	54506 ENOL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/16/2024 10:10	27503 WEIS_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/16/2024 10:11	56802 BENV_T2	26	47	21	0.25	0.24	-0.01	-1.3	-1.35	0	0	0	0	0	0
2/16/2024 10:11	54504 ENOL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/16/2024 10:11	44302 BEAV_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/16/2024 10:12	45501 DERR_T2	0	1	1	0	0.2	0.2	0.8	0.78	2	2	0	1800	1800	0
2/16/2024 10:12	54503 ENOL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/16/2024 10:12	54505 ENOL_T2	2	2	0	0.5	0.8	0.3	-1.21	-1.22	1	1	0	600	600	0
2/16/2024 10:13	54502 ENOL_T2	1	1	0	0.2	0.6	0.4	0	0	0	0	0	0	0	0
2/16/2024 10:14	17804 GILB_T2	0	1	1	0	0.1	0.1	-0.53	-0.52	0	0	0	0	0	0
2/16/2024 10:16	65004 NEFF_T2	1	1	0	0.7	0.7	0	0	0	0	0	0	0	0	0
2/16/2024 10:16	47104 MARL_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/16/2024 10:17	65002 NEFF_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/16/2024 10:17	17802 GILB_T1	1	2	1	0.9	0.65	-0.25	0.29	0.26	0	0	0	0	0	0
2/16/2024 10:18	56501 ROCK_T2	64	152	88	0.23	0.23	0	-1.53	-1.57	0	0	0	0	0	0
2/16/2024 10:18	20603 GRWO_T2	4	0	-4	0.25	0	-0.25	0	0	0	0	0	0	0	0
2/16/2024 10:19	56503 ROCK_T2	0	4	4	0	0.15	0.15	0	0	0	0	0	0	0	0
2/16/2024 10:19	67001 STHI_T2	38	128	90	0.16	0.13	-0.03	0	0	0	0	0	0	0	0
2/16/2024 10:19	54206 PENN_T2	0	1	1	0	0.1	0.1	0.03	0	0	0	0	0	0	0
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2/16/2024 10:34	56504 ROCK_T2	0	0	0	0	0	0	-0.08	-0.12	0	0	0	0	0	0
2/16/2024 10:34	64101 REFR_T1	0	0	0	0	0	0	-0.02	-0.03	0	0	0	0	0	0
2/16/2024 10:35	54204 PENN_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/16/2024 10:35	67001 STHI_T2	97	315	218	0.14	0.15	0.01	0	0	0	0	0	0	0	0
2/16/2024 10:36	56503 ROCK_T2	4	0	-4	0.15	0	-0.15	0	0	0	0	0	0	0	0
2/16/2024 10:36	57403 SPAN_T1	1	5	4	0.4	0.22	-0.18	0	0	0	0	0	0	0	0
2/16/2024 10:37	54506 ENOL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/16/2024 10:37	54503 ENOL_T2	0	0	0	0	0	0	-3.67	-3.72	2	2	0	1200	1200	0
2/16/2024 10:37	57401 SPAN_T1	2	2	0	0.5	0.15	-0.35	-1.1	-1.12	1	1	0	600	600	0
2/16/2024 10:37	67402 WAKE_T2	2	2	0	0.1	0.25	0.15	-0.35	-0.36	1	1	0	600	600	0
2/16/2024 10:37	14404 SSLA_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/16/2024 10:37	67002 STHI_T2	46	98	52	0.2	0.21	0.01	1.38	1.34	0	0	0	0	0	0
2/16/2024 10:38	65001 NEFF_T2	1	1	0	0.2	0.3	0.1	-0.37	-0.44	1	1	0	1200	1200	0
2/16/2024 10:38	10706 CATA_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/16/2024 10:38	54502 ENOL_T2	1	2	1	0.6	0.3	-0.3	0	0	0	0	0	0	0	0
2/16/2024 10:38	57401 SPAN_T1	2	2	0	0.5	0.15	-0.35	-1.12	-1.13	1	1	0	600	600	0
2/16/2024 10:38	56501 ROCK_T2	148	36	-112	0.23	0.29	0.06	-1.55	-1.55	0	0	0	0	0	0
2/16/2024 10:38	29401 BELT_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/16/2024 10:38	10805 CHHI_T2	1	2	1	7.6	3.75	-3.85	-0.55	-0.58	1	1	0	600	600	0
2/16/2024 10:39	10707 CATA_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/16/2024 10:39	45402 WBLO_T2	2	2	0	0.15	0.6	0.45	-0.63	-0.59	0	0	0	0	0	0
2/16/2024 10:39	67604 WARW_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/16/2024 10:39	54502 ENOL_T2	1	2	1	0.6	0.3	-0.3	0	0	0	0	0	0	0	0
2/16/2024 10:40	54506 ENOL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/16/2024 10:42	67401 WAKE_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/16/2024 10:42	10805 CHHI_T2	1	2	1	7.6	3.75	-3.85	-0.55	-0.58	1	1	0	600	600	0
2/16/2024 10:43	46801 HEPB_T2	4	3	-1	0.45	0.6	0.15	0.65	0.72	0	0	0	0	0	0
2/16/2024 10:44	17805 GILB_T2	0	1	1	0	1.2	1.2	0.36	0.3	0	0	0	0	0	0
2/16/2024 10:44	13502 MCMI_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/16/2024 10:44	13503 MCMI_T2	11	64	53	0.26	0.31	0.05	-0.75	-0.78	0	0	0	0	0	0
2/16/2024 10:45	17804 GILB_T2	0	1	1	0	0.4	0.4	-0.52	-0.52	0	0	0	0	0	0
2/16/2024 10:46	17804 GILB_T2	0	1	1	0	0.4	0.4	0	0	0	0	0	0	0	0
2/16/2024 10:47	54203 PENN_T1	125	201	76	0.37	0.3	-0.07	0.09	0.08	0	0	0	0	0	0
2/16/2024 10:47	13503 MCMI_T2	21	144	123	0.24	0.43	0.19	-0.75	-0.78	0	0	0	0	0	0
2/16/2024 10:47	17804 GILB_T2	0	1	1	0	0.4	0.4	0	0	0	0	0	0	0	0
2/16/2024 10:48	64801 MONE_T2	4	8	4	0.15	0.21	0.06	0	0	0	0	0	0	0	0
2/16/2024 10:48	17804 GILB_T2	0	1	1	0	0.4	0.4	0	0	0	0	0	0	0	0
2/16/2024 10:48	60803 BUCK_T1	5	6	1	0.22	0.3	0.08	-1.19	-1.17	1	1	0	600	600	0
2/16/2024 10:48	13503 MCMI_T2	21	144	123	0.24	0.43	0.19	-0.75	-0.78	0	0	0	0	0	0
2/16/2024 10:49	57401 SPAN_T1	1	3	2	0.2	0.17	-0.03	-1.12	-1.13	1	1	0	600	600	0
2/16/2024 10:49	49804 UNIV_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/16/2024 10:50	67001 STHI_T2	98	400	302	0.13	0.17	0.04	0	0	0	0	0	0	0	0
2/16/2024 10:50	40101 HUNT_T2	132	289	157	0.63	0.65	0.02	-0.3	-0.31	0	0	0	0	0	0
2/16/2024 10:50	59101 WALK_T2	0	1	1	0	0.7	0.7	3.3	3.05	0	0	0	0	0	0
2/16/2024 10:50	60803 BUCK_T1	5	6	1	0.22	0.3	0.08	0	0	0	0	0	0	0	0
2/16/2024 10:50	54206 PENN_T2	1	3	2	0.1	0.13	0.03	0	0	0	0	0	0	0	0
2/16/2024 10:50	47403 PENS_T1	3	3	0	0.6	0.8	0.2	0	0	0	0	0	0	0	0
2/16/2024 10:51	46002 BERW_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/16/2024 10:52	67402 WAKE_T2	1	2	1	0.2	0.35	0.15	-0.36	-0.35	1	1	0	600	600	0
2/16/2024 10:52	60801 BUCK_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/16/2024 10:53	66504 SMAN_T2	2	2	0	0.65	0.7	0.05	-0.98	-0.78	0	0	0	0	0	0
2/16/2024 10:53	42203 SHEN_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/16/2024 10:53	28702 HAML_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/16/2024 10:54	54503 ENOL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/16/2024 10:54	54506 ENOL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/16/2024 10:54	51108 CARL_T1	1	1	0	0.1	0.2	0.1	0	0	0	0	0	0	0	0
2/16/2024 10:54	29402 BELT_T1	105	100	-5	0.62	0.49	-0.13	0	0	0	0	0	0	0	0
2/16/2024 10:54	15001 BLMO_T1	1	2	1	0.2	0.4	0.2	0	0	0	0	0	0	0	0
2/16/2024 10:55	54502 ENOL_T2	2	1	-1	0.3	0.4	0.1	-1.11	-1.16	1	1	0	600	600	0
2/16/2024 10:55	54504 ENOL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/16/2024 10:55	54505 ENOL_T2	2	2	0	0.95	0.75	-0.2	-2.42	-2.44	2	2	0	1200	1200	0
2/16/2024 10:55	15001 BLMO_T1	1	2	1	0.2	0.4	0.2	0	0	0	0	0	0	0	0
2/16/2024 10:55	27502 WEIS_T2	0	0	0	0	0	0	-0.34	-0.39	0	0	0	0	0	0
2/16/2024 10:56	51101 CARL_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/16/2024 10:56	43001 ALWD_T1	1	1	0	0.2	0.3	0.1	0	0	0	0	0	0	0	0
2/16/2024 10:56	40101 HUNT_T2	132	289	157	0.63	0.65	0.02	-0.31	-0.32	0	0	0	0	0	0
2/16/2024 10:56	54501 ENOL_T2	0	0	0	0	0	0	0.13	0.11	0	0	0	0	0	0
2/16/2024 10:56	53501 EVIL_T2	6	9	3	0.7	0.92	0.22	-0.61	-0.59	1	1	0	600	600	0
2/16/2024 10:56	53503 EVIL_T2	0	0	0	0	0	0	-0.47	-0.06	1	1	0	600	600	0
2/16/2024 10:57	54502 ENOL_T2	2	1	-1	0.3	0.4	0.1	0	0	0	0	0	0	0	0
2/16/2024 10:58	54505 ENOL_T2	2	2	0	0.95	0.75	-0.2	-1.21	-1.22	1	1	0	600	600	0
2/16/2024 10:58	54504 ENOL_T2	0	0	0	0	0	0	-0.97	-0.97	1	1	0	600	600	0
2/16/2024 10:58	17802 GILB_T1	2	3	1	0.65	0.9	0.25	0.25	0.25	0	0	0	0	0	0
2/16/2024 10:58	67401 WAKE_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/16/2024 10:59	17802 GILB_T1	2	3	1	0.65	0.9	0.25	0.5	0.5	0	0	0	0	0	0
2/16/2024 10:59	54504 ENOL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/16/2024 10:59	26402 INOR_T1	0	95	95	0	0	0	0	0	0	0	0	0	0	0
2/16/2024 10:59	53501 EVIL_T2	6	9	3	0.7	0.92	0.22	-0.61	-0.59	1	1	0	600	600	0
2/16/2024 11:00	47802 MOCA_T2	0	0	0	0	0	0	-0.91	-0.92	0	0	0	0	0	0
2/16/2024 11:01	52006 LING_T2	2	2	0	0.15	0.35	0.2	0	0	0	0	0	0	0	0
2/16/2024 11:01	43001 ALWD_T1	1	4	3	0.3	0.13	-0.17	0	0	0	0	0	0	0	0
2/16/2024 11:01	54701 NEBL_T1	1	3	2	0.2	0.27	0.07	0	0	1	1	0	600	600	0
2/16/2024 11:02	44601 SALE_T2	0	0	0	0	0	0	0.15	0.09	0	0	0	0	0	0
2/16/2024 11:02	64802 MONE_T2	3	22	19	0.4	0.26	-0.14	0	0	0	0	0	0	0	0
2/16/2024 11:03	67002 STHI_T2	97	216	119	0.21	0.21	0	0	0	0	0	0	0	0	0
2/16/2024 11:03	47104 MARL_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/16/2024 11:04	53501 EVIL_T2	9	8	-1	0.92	0.6	-0.32	-0.61	-0.59	1	1	0	600	600	0
2/16/2024 11:04	65002 NEFF_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/16/2024 11:04	58402 MORO_T1	0	0	0	0	0	0	-0.76	-0.89	3	3	0	2400	2400	0
2/16/2024 11:04	57401 SPAN_T1	2	4	2	0.15	0.33	0.18	0	0	0	0	0	0	0	0
2/16/2024 11:05	26401 INOR_T1	1	1	0	0.2	0.6	0.4	0.87	0.84	0	0	0	0	0	0
2/16/2024 11:05	44601 SALE_T2	0	0	0	0	0	0	0.15	0.09	0	0	0	0	0	0
2/16/2024 11:05	67605 WARW_T1	28	42	14	0.49	0.49	0	-1	-1.04	0	0	0	0	0	0
2/16/2024 11:05	67002 STHI_T2	97	216	119	0.21	0.21	0	0.69	0.7	0	0	0	0	0	0
2/16/2024 11:06	66703 STRA_T1	0	3	3	0	0.47	0.47	-0.02	-0.05	0	0	0	0	0	0
2/16/2024 11:06	67002 STHI_T2	97	216	119	0.21	0.21	0	0.69	0.7	0	0	0	0	0	0
2/16/2024 11:06	42503 ALTA_T2	0	0	0	0	0	0	-0.56	-0.59	0	0	0	0	0	0
2/16/2024 11:06	57401 SPAN_T1	2	4	2	0.15	0.33	0.18	0	0	0	0	0	0	0	0
2/16/2024 11:07	44502 HAMI_T2	1	1	0	2.5	2.6	0.1	0	0	0	0	0	0	0	0
2/16/2024 11:07	43001 ALWD_T1	1	4	3	0.3	0.13	-0.17	0	0	0	0	0	0	0	0
2/16/2024 11:07	52204 DEVO_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/16/2024 11:07	46004 BERW_T2	0	0	0	0	0	0	-0.72	-0.75	0	0	0	0	0	0
2/16/2024 11:07	59201 THOM_T1	1	1	0	0.8	0.9	0.1	0	0	0	0	0	0	0	0
2/16/2024 11:08	43303 WATS_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/16/2024 11:08	67001 STHI_T2	313	514	201	0.15	0.22	0.07	0.13	0.12	0	0	0	0	0	0
2/16/2024 11:08	47101 MARL_T1	33	22	-11	0.77	0.5	-0.27	0.02	-0.04	0	0	0	0	0	0
2/16/2024 11:08	67401 WAKE_T2	0	1	1	0	0.1	0.1	0	0	0	0	0	0	0	0
2/16/2024 11:08	60201 ATGL_T2	0	0	0	0	0	0	-0.06	-0.12	2	2	0	900	900	0
2/16/2024 11:09	43303 WATS_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/16/2024 11:09	56803 BENV_T1	26	33	7	1.08	1.05	-0.03	0	0	0	0	0	0	0	0
2/16/2024 11:09	53501 EVIL_T2	9	8	-1	0.92	0.6	-0.32	-0.59	-0.65	1	1	0	600	600	0
2/16/2024 11:09	29401 BELT_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/16/2024 11:09	67002 STHI_T2	97	216	119	0.21	0.21	0	0	0	0	0	0	0	0	0
2/16/2024 11:10	29401 BELT_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/16/2024 11:10	56801 BENV_T1	30	34	4	0.94	1.01	0.07	-0.69	-0.69	1	1	0	600	600	0
2/16/2024 11:11	44504 HAMI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/16/2024 11:11	56801 BENV_T1	30	34	4	0.94	1.01	0.07	-2.06	-2.07	3	3	0	1800	1800	0
2/16/2024 11:12	56801 BENV_T1	30	34	4	0.94	1.01	0.07	-0.69	-0.69	1	1	0	600	600	0
2/16/2024 11:12	43001 ALWD_T1	1	4	3	0.3	0.13	-0.17	0	0	0	0	0	0	0	0
2/16/2024 11:12	29401 BELT_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/16/2024 11:13	67401 WAKE_T2	0	1	1	0	0.1	0.1	0	0	0	0	0	0	0	0
2/16/2024 11:14	47104 MARL_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/16/2024 11:15	45704 LIND_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/16/2024 11:16	44201 POIN_T1	0	16	16	0	0.15	0.15	0	0	2	2	0	2100	2100	0
2/16/2024 11:16	42903 MIDD_T2	2	2	0	1.5	1.65	0.15	0	0	0	0	0	0	0	0
2/16/2024 11:16	13503 MCMI_T2	144	25	-119	0.43	0.25	-0.18	-0.75	-0.76	0	0	0	0	0	0
2/16/2024 11:17	54204 PENN_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/16/2024 11:18	54206 PENN_T2	3	6	3	0.13	0.22	0.09	0	0	0	0	0	0	0	0
2/16/2024 11:18	47101 MARL_T1	22	25	3	0.64	0.2	-0.44	0.02	-0.04	0	0	0	0	0	0
2/16/2024 11:18	59402 RFLD_T2	0	0	0	0	0	0	-1.47	-1.44	2	2	0	900	900	0
2/16/2024 11:18	64903 MILL_T2	0	1	1	0	0.6	0.6	0	0	0	0	0	0	0	0
2/16/2024 11:19	47104 MARL_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/16/2024 11:19	65901 SAKR_T2	2	2	0	4.6	5.2	0.6	0	0	0	0	0	0	0	0
2/16/2024 11:19	47401 PENS_T1	1	3	2	0.8	0.5	-0.3	-0.7	-0.72	0	0	0	0	0	0
2/16/2024 11:20	56504 ROCK_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/16/2024 11:20	58402 MORO_T1	0	0	0	0	0	0	-0.89	0	3	2	-1	2400	1500	-900
2/16/2024 11:20	59402 RFLD_T2	0	0	0	0	0	0	-0.74	-0.72	1	1	0	450	450	0
2/16/2024 11:21	67001 STHI_T2	333	587	254	0.17	0.29	0.12	0	0	0	0	0	0	0	0
2/16/2024 11:21	67505 WEWI_T1	2	2	0	0.1	0.35	0.25	0	0	0	0	0	0	0	0
2/16/2024 11:21	59402 RFLD_T2	0	0	0	0	0	0	-0.74	-0.72	1	1	0	450	450	0
2/16/2024 11:22	66702 STRA_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/16/2024 11:22	43001 ALWD_T1	1	3	2	0.1	0.13	0.03	0	0	0	0	0	0	0	0
2/16/2024 11:23	67503 WEWI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/16/2024 11:24	67502 WEWI_T2	3	8	5	0.9	0.53	-0.37	-0.26	-0.17	0	0	0	0	0	0
2/16/2024 11:24	49804 UNIV_T1	0	5	5	0	0.22	0.22	0	0	0	0	0	0	0	0
2/16/2024 11:24	10805 CHHI_T2	7	6	-1	1.21	1.47	0.26	-0.58	-0.58	1	1	0	600	600	0
2/16/2024 11:24	46004 BERW_T2	0	0	0	0	0	0	-0.72	-0.71	0	0	0	0	0	0
2/16/2024 11:24	42701 AUGU_T1	0	1	1	0	0.1	0.1	0	0	2	2	0	1200	1200	0
2/16/2024 11:24	67505 WEWI_T1	2	2	0	0.1	0.35	0.25	0	0	0	0	0	0	0	0
2/16/2024 11:24	67402 WAKE_T2	1	1	0	0.4	0.4	0	-0.37	-0.37	1	1	0	600	600	0
2/16/2024 11:25	67502 WEWI_T2	3	8	5	0.9	0.53	-0.37	-0.26	-0.17	0	0	0	0	0	0
2/16/2024 11:25	61102 BERK_T5	0	2	2	0	0.15	0.15	0	0	0	0	0	0	0	0
2/16/2024 11:25	42701 AUGU_T1	0	1	1	0	0.1	0.1	0	0	1	1	0	600	600	0
2/16/2024 11:26	61103 BERK_T5	5	8	3	0.22	0.41	0.19	0.16	0.16	0	0	0	0	0	0
2/16/2024 11:26	60101 COCA_T1	3	4	1	0.23	0.48	0.25	0.42	0.46	0	0	0	0	0	0
2/16/2024 11:27	60101 COCA_T1	3	4	1	0.23	0.48	0.25	0.42	0.46	0	0	0	0	0	0
2/16/2024 11:27	55001 NEWP_T1	27	10	-17	0.24	0.32	0.08	0	0	0	0	0	0	0	0
2/16/2024 11:27	40901 JESH_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/16/2024 11:28	43001 ALWD_T1	1	3	2	0.1	0.13	0.03	0	0	0	0	0	0	0	0
2/16/2024 11:29	67402 WAKE_T2	1	1	0	0.4	0.4	0	-0.37	-0.37	1	1	0	600	600	0
2/16/2024 11:29	17804 GILB_T2	1	1	0	0.4	0.5	0.1	0	0	0	0	0	0	0	0
2/16/2024 11:29	13503 MCMI_T2	144	25	-119	0.43	0.25	-0.18	-0.76	-0.8	0	0	0	0	0	0
2/16/2024 11:30	13503 MCMI_T2	25	10	-15	0.25	0.28	0.03	-0.76	-0.8	0	0	0	0	0	0
2/16/2024 11:30	64702 LITI_T2	0	0	0	0	0	0	-0.69	-0.7	0	0	0	0	0	0
2/16/2024 11:31	17803 GILB_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/16/2024 11:31	64903 MILL_T2	0	1	1	0	0.6	0.6	0	0	0	0	0	0	0	0
2/16/2024 11:31	13502 MCMI_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/16/2024 11:32	64702 LITI_T2	0	0	0	0	0	0	-0.69	-0.7	0	0	0	0	0	0
2/16/2024 11:32	55103 WERT_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/16/2024 11:32	15701 TANN_T1	5	1	-4	1.06	5	3.94	0	0	0	0	0	0	0	0
2/16/2024 11:32	55002 NEWP_T1	5	5	0	1.04	1.18	0.14	-0.16	-0.16	0	0	0	0	0	0
2/16/2024 11:32	60803 BUCK_T1	2	3	1	0.3	0.27	-0.03	0	0	0	0	0	0	0	0
2/16/2024 11:33	13903 SEID_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/16/2024 11:33	17805 GILB_T2	1	0	-1	0.1	0	-0.1	0	0	0	0	0	0	0	0
2/16/2024 11:33	13503 MCMI_T2	25	10	-15	0.25	0.28	0.03	-1.53	-1.59	0	0	0	0	0	0
2/16/2024 11:33	60801 BUCK_T1	0	1	1	0	0.1	0.1	0	0	0	0	0	0	0	0
2/16/2024 11:33	64902 MILL_T2	0	0	0	0	0	0	-1.44	-1.4	2	2	0	1800	1800	0
2/16/2024 11:33	59402 RFLD_T2	0	0	0	0	0	0	-0.72	-0.75	1	1	0	450	450	0
2/16/2024 11:34	59202 THOM_T1	10	14	4	0.45	0.41	-0.04	0	0

2/16/2024 11:41	61103 BERK_T5	6	11	5	0.37	0.38	0.01	0.08	0.09	0	0	0	0	0	0
2/16/2024 11:42	28602 BLYT_T2	1	1	0	0.6	0.8	0.2	0	0	0	0	0	0	0	0
2/16/2024 11:42	60101 COCA_T1	3	5	2	0.47	0.4	-0.07	1.37	1.22	0	0	0	0	0	0
2/16/2024 11:43	24105 EHAZ_T1	4	4	0	5.48	5.28	-0.2	-1.9	-1.88	1	1	0	1200	1200	0
2/16/2024 11:43	43001 ALWD_T1	3	2	-1	0.13	0.5	0.37	0	0	0	0	0	0	0	0
2/16/2024 11:44	64305 LINC_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/16/2024 11:44	47101 MARL_T1	8	23	15	0.5	0.42	-0.08	-0.04	-0.05	0	0	0	0	0	0
2/16/2024 11:45	25402 LAHA_T2	0	2	2	0	0	0	-0.37	-0.41	0	0	0	0	0	0
2/16/2024 11:45	47104 MARL_T1	0	1	1	0	0	0	0	0	0	0	0	0	0	0
2/16/2024 11:45	67401 WAKE_T2	2	0	-2	0.15	0	-0.15	0	0	0	0	0	0	0	0
2/16/2024 11:45	59003 MIFF_T1	3	4	1	0.47	0.4	-0.07	-0.8	-0.34	0	0	0	0	0	0
2/16/2024 11:46	47001 HUGH_T2	0	0	0	0	0	0	-1.47	-1.47	0	0	0	0	0	0
2/16/2024 11:46	46801 HEPB_T2	11	20	9	0.28	0.24	-0.04	0.7	0.69	0	0	0	0	0	0
2/16/2024 11:47	47104 MARL_T1	0	1	1	0	0	0	0	0	0	0	0	0	0	0
2/16/2024 11:48	60803 BUCK_T1	1	3	2	0.3	0.27	-0.03	0	0	0	0	0	0	0	0
2/16/2024 11:49	13903 SEID_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/16/2024 11:49	24105 EHAZ_T1	4	4	0	5.28	5.43	0.15	-1.9	-1.88	1	1	0	1200	1200	0
2/16/2024 11:50	47104 MARL_T1	0	1	1	0	0	0	0	0	0	0	0	0	0	0
2/16/2024 11:50	67402 WAKE_T2	1	0	-1	0.4	0	-0.4	-0.37	0.24	1	0	-1	600	0	-600
2/16/2024 11:51	67401 WAKE_T2	2	0	-2	0.15	0	-0.15	0	0	0	0	0	0	0	0
2/16/2024 11:51	57101 SPHI_T2	5	6	1	0.24	0.63	0.39	0	0	0	0	0	0	0	0
2/16/2024 11:51	16302 ALPA_T2	0	0	0	0	0	0	2.16	2.72	0	0	0	0	0	0
2/16/2024 11:52	26402 INOR_T1	2	5	3	0.6	0.66	0.06	0	0	0	0	0	0	0	0
2/16/2024 11:53	29402 BELT_T1	104	108	4	0.7	0.65	-0.05	0	0	0	0	0	0	0	0
2/16/2024 11:53	26401 INOR_T1	0	3	3	0	0.43	0.43	0.72	0.31	0	0	0	0	0	0
2/16/2024 11:53	29402 BELT_T1	104	108	4	0.7	0.65	-0.05	0	0	0	0	0	0	0	0
2/16/2024 11:54	55104 WERT_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/16/2024 11:54	29402 BELT_T1	104	108	4	0.7	0.65	-0.05	0	0	0	0	0	0	0	0
2/16/2024 11:54	43001 ALWD_T1	0	5	5	0	0.32	0.32	0	0	0	0	0	0	0	0
2/16/2024 11:55	16302 ALPA_T2	0	0	0	0	0	0	0.91	0.81	0	0	0	0	0	0
2/16/2024 11:55	67401 WAKE_T2	2	0	-2	0.15	0	-0.15	0	0	0	0	0	0	0	0
2/16/2024 11:55	60201 ATGL_T2	0	0	0	0	0	0	-0.25	0.33	2	1	-1	900	300	-600
2/16/2024 11:56	29402 BELT_T1	104	108	4	0.7	0.65	-0.05	0	0	0	0	0	0	0	0
2/16/2024 11:57	29402 BELT_T1	104	108	4	0.7	0.65	-0.05	0	0	0	0	0	0	0	0
2/16/2024 11:58	29401 BELT_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/16/2024 11:59	64202 KING_T1	2	2	0	0.45	0.45	0	0	0	0	0	0	0	0	0
2/16/2024 12:00	47101 MARL_T1	13	26	13	0.72	0.58	-0.14	-0.05	-0.08	0	0	0	0	0	0
2/16/2024 12:01	46803 HEPB_T2	8	10	2	0.34	0.53	0.19	0	0	0	0	0	0	0	0
2/16/2024 12:01	59003 MIFF_T1	2	0	-2	0.1	0	-0.1	0	0	0	0	0	0	0	0
2/16/2024 12:01	47101 MARL_T1	13	26	13	0.72	0.58	-0.14	-0.05	-0.08	0	0	0	0	0	0
2/16/2024 12:01	25404 LAHA_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/16/2024 12:02	47104 MARL_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/16/2024 12:04	41903 REED_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/16/2024 12:04	56501 ROCK_T2	8	11	3	0.26	0.36	0.1	0	0	0	0	0	0	0	0
2/16/2024 12:04	54201 PENN_T1	72	27	-45	0.34	0.47	0.13	0	0	0	0	0	0	0	0
2/16/2024 12:05	40601 PIGR_T1	2	6	4	0.45	0.37	-0.08	0	0	0	0	0	0	0	0
2/16/2024 12:05	56504 ROCK_T2	2	1	-1	0.15	0.1	-0.05	0	0	0	0	0	0	0	0
2/16/2024 12:06	47104 MARL_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/16/2024 12:06	67401 WAKE_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/16/2024 12:06	44301 BEAV_T2	4	0	-4	0.2	0	-0.2	-0.5	-0.45	2	1	-1	1500	600	-900
2/16/2024 12:06	43301 WATS_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/16/2024 12:07	43304 WATS_T2	0	0	0	0	0	0	-0.45	-0.53	0	0	0	0	0	0
2/16/2024 12:07	43301 WATS_T2	0	0	0	0	0	0	-0.68	-0.69	1	1	0	900	900	0
2/16/2024 12:07	61103 BERK_T5	10	10	0	0.41	0.42	0.01	0.09	0.08	0	0	0	0	0	0
2/16/2024 12:07	16302 ALPA_T2	0	0	0	0	0	0	2.72	2.43	0	0	0	0	0	0
2/16/2024 12:07	56503 ROCK_T2	8	11	3	0.26	0.36	0.1	-3.07	-3.16	0	0	0	0	0	0
2/16/2024 12:07	26401 INOR_T1	1	4	3	0.5	0.8	0.3	0.72	0.31	0	0	0	0	0	0
2/16/2024 12:08	56503 ROCK_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/16/2024 12:08	43303 WATS_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/16/2024 12:08	61101 BERK_T5	5	5	0	0.3	0.52	0.22	0	0	0	0	0	0	0	0
2/16/2024 12:08	26401 INOR_T1	1	4	3	0.5	0.8	0.3	0.31	0.33	0	0	0	0	0	0
2/16/2024 12:09	56503 ROCK_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/16/2024 12:09	56504 ROCK_T2	2	1	-1	0.15	0.1	-0.05	-0.41	-0.34	0	0	0	0	0	0
2/16/2024 12:09	43303 WATS_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/16/2024 12:09	43001 ALWD_T1	2	7	5	0.5	0.36	-0.14	0	0	0	0	0	0	0	0
2/16/2024 12:10	55104 WERT_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/16/2024 12:11	24102 EHAZ_T1	6	6	0	1.03	0.53	-0.5	0	0	0	0	0	0	0	0
2/16/2024 12:11	67401 WAKE_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/16/2024 12:11	16302 ALPA_T2	0	0	0	0	0	0	0.81	0.79	0	0	0	0	0	0
2/16/2024 12:11	44302 BEAV_T2	7	14	7	0.24	0.29	0.05	0.28	0.28	0	0	0	0	0	0
2/16/2024 12:13	65005 NEFF_T2	1	2	1	0.2	0.25	0.05	0	0	0	0	0	0	0	0
2/16/2024 12:13	23902 EFMO_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/16/2024 12:15	24105 EHAZ_T1	4	4	0	5.43	5.35	-0.08	-1.89	-1.86	1	1	0	1200	1200	0
2/16/2024 12:15	13503 MCMI_T2	2	87	85	0.65	0.31	-0.34	-1.57	-1.59	0	0	0	0	0	0
2/16/2024 12:16	13503 MCMI_T2	2	87	85	0.65	0.31	-0.34	-0.79	-0.8	0	0	0	0	0	0
2/16/2024 12:17	25404 LAHA_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/16/2024 12:17	46803 HEPB_T2	10	9	-1	0.41	0.57	0.16	0	0	0	0	0	0	0	0
2/16/2024 12:18	13501 MCMI_T1	0	0	0	0	0	0	0.26	0.24	0	0	0	0	0	0
2/16/2024 12:18	65804 RTWN_T1	2	2	0	0.3	1	0.7	-0.24	-0.24	1	1	0	600	600	0
2/16/2024 12:18	13503 MCMI_T2	2	87	85	0.65	0.31	-0.34	-0.79	-0.8	0	0	0	0	0	0
2/16/2024 12:20	13904 SEID_T1	0	3	3	0	0	0	0	0	0	0	0	0	0	0
2/16/2024 12:22	65801 RTWN_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/16/2024 12:22	67401 WAKE_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/16/2024 12:26	42401 GIMA_T1	0	10	10	0	0.18	0.18	0	0	0	0	0	0	0	0
2/16/2024 12:27	67401 WAKE_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/16/2024 12:30	59301 MCAL_T1	7	6	-1	0.77	0.48	-0.29	0	0	0	0	0	0	0	0
2/16/2024 12:32	41903 REED_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/16/2024 12:32	40603 PIGR_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/16/2024 12:32	59002 MIFF_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/16/2024 12:32	59402 RFLD_T2	0	0	0	0	0	0	-0.59	-0.52	1	1	0	450	450	0
2/16/2024 12:34	54504 ENOL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/16/2024 12:34	59402 RFLD_T2	0	0	0	0	0	0	-1.19	-1.03	2	2	0	900	900	0
2/16/2024 12:36	41903 REED_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/16/2024 12:36	59402 RFLD_T2	0	0	0	0	0	0	-0.59	-0.52	1	1	0	450	450	0
2/16/2024 12:36	26401 INOR_T1	4	463	459	0.8	3.81	3.01	0.33	0.25	0	0	0	0	0	0
2/16/2024 12:37	54601 SUMM_T2	9	12	3	0.71	0.84	0.13	-1.86	-1.9	2	2	0	2100	2100	0
2/16/2024 12:38	54601 SUMM_T2	9	12	3	0.71	0.84	0.13	-1.9	-1.89	2	2	0	2100	2100	0
2/16/2024 12:38	41903 REED_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/16/2024 12:42	40601 PIGR_T1	6	7	1	0.35	0.31	-0.04	0	0	0	0	0	0	0	0
2/16/2024 12:48	60801 BUCK_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/16/2024 12:51	60801 BUCK_T1	0	0	0	0	0	0	-0.19	-0.17	0	0	0	0	0	0
2/16/2024 12:52	60803 BUCK_T1	0	0	0	0	0	0	-0.53	-0.53	1	1	0	600	600	0
2/16/2024 12:54	14403 SSLA_T1	0	0	0	0	0	0	0.68	0.75	0	0	0	0	0	0
2/16/2024 12:55	65002 NEFF_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/16/2024 12:55	60102 COCA_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/16/2024 12:56	60101 COCA_T1	5	4	-1	0.48	0.48	0	0.69	0.73	0	0	0	0	0	0
2/16/2024 12:56	28601 BLYT_T2	0	1	1	0	0	0	0	0	0	0	0	0	0	0
2/16/2024 13:00	47101 MARL_T1	14	7	-7	0.46	0.48	0.02	-0.04	-0.09	0	0	0	0	0	0
2/16/2024 13:00	45701 LIND_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/16/2024 13:03	47104 MARL_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/16/2024 13:04	14401 SSLA_T1	1	1	0	0.4	0.5	0.1	0	0	0	0	0	0	0	0
2/16/2024 13:16	65002 NEFF_T2	0	1	1	0	0.1	0.1	0	0	0	0	0	0	0	0
2/16/2024 13:20	65002 NEFF_T2	0	1	1	0	0.1	0.1	0	0	0	0	0	0	0	0
2/16/2024 13:20	14402 SSLA_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/16/2024 13:21	40503 CRES_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/16/2024 13:22	40505 CRES_T1	0	0	0	0	0	0	0.3	0.26	0	0	0	0	0	0
2/16/2024 13:23	40503 CRES_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/16/2024 13:23	40501 CRES_T2	61	73	12	0.36	0.43	0.07	0	0	0	0	0	0	0	0
2/16/2024 13:24	40505 CRES_T1	0	0	0	0	0	0	0.26	0.28	0	0	0	0	0	0
2/16/2024 13:24	28602 BLYT_T2	1	1	0	0.4	0.4	0	0	0	0	0	0	0	0	0
2/16/2024 13:27	28601 BLYT_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/16/2024 13:28	24102 EHAZ_T1	8	7	-1	0.69	0.68	-0.01	0	0	0	0	0	0	0	0
2/16/2024 13:31	13302 ORVI_T2	1	4	3	0.4	0.3	-0.1	0.97	0.89	0	0	0	0	0	0
2/16/2024 13:32	64902 MILL_T2	0	0	0	0	0	0	0.21	0.19	0	0	0	0	0	0
2/16/2024 13:32	45704 LIND_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/16/2024 13:33	13302 ORVI_T2	1	4	3	0.4	0.3	-0.1	0.97	0.89	0	0	0	0	0	0
2/16/2024 13:34	64902 MILL_T2	0	0	0	0	0	0	0.42	0.37	0	0	0	0	0	0
2/16/2024 13:34	13302 ORVI_T2	1	4	3	0.4	0.3	-0.1	0.97	0.89	0	0	0	0	0	0
2/16/2024 13:34	24105 EHAZ_T1	4	4	0	5.5	5.6	0.1	-1.84	-1.8	1	1	0	1200	1200	0
2/16/2024 13:35	67401 WAKE_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/16/2024 13:35	40504 CRES_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/16/2024 13:36	13302 ORVI_T2	1	4	3	0.4	0.3	-0.1	1.95	1.79	0	0	0	0	0	0
2/16/2024 13:37	61102 BERK_T5	2	2	0	0.35	0.45	0.1	0	0	0	0	0	0	0	0
2/16/2024 13:40	67401 WAKE_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/16/2024 13:41	61101 BERK_T5	6	6	0	0.42	0.55	0.13	0	0	0	0	0	0	0	0
2/16/2024 13:42	43001 ALWD_T1	5	7	2	0.42	0.19	-0.23	0	0	0	0	0	0	0	0
2/16/2024 13:46	65003 NEFF_T2	7	17	10	0.37	0.26	-0.11	0	0	0	0	0	0	0	0
2/16/2024 13:46	65003 NEFF_T2	7	17	10	0.37	0.26	-0.11	0	0	0	0	0	0	0	0
2/16/2024 13:46	42001 MNVL_T2	0	3	3	0	0.25	0.25	0.05	0.03	0	0	0	0	0	0
2/16/2024 13:47	54206 PENN_T2	5	15	10	0.24	0.21	-0.03	0	0	0	0	0	0	0	0
2/16/2024 13:47	13302 ORVI_T2	3	5	2	0.33	0.2	-0.13	1.79	1.59	0	0	0	0	0	0
2/16/2024 13:48	54205 PENN_T1	37	50	13	0.11	0.16	0.05	0	0	0	0	0	0	0	0
2/16/2024 13:48	41902 REED_T1	0	0	0	0	0	0	1.12	1.18	0	0	0	0	0	0
2/16/2024 13:49	41902 REED_T1	0	0	0	0	0	0	1.12	1.18	0	0	0	0	0	0
2/16/2024 13:50	42801 SELI_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/16/2024 13:50	13302 ORVI_T2	3	5	2	0.33	0.2	-0.13	0.89	0.79	0	0	0	0	0	0
2/16/2024 13:51	67402 WAKE_T2	0	0	0	0	0	0	0.22	0.2	0	0	0	0	0	0
2/16/2024 13:52	43304 WATS_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/16/2024 13:54	58001 WCAR_T1	4	4	0	0.4	0.45	0.05	0	0	0	0	0	0	0	0
2/16/2024 13:56	67402 WAKE_T2	0	0	0	0	0	0	0.2	0.22	0	0	0	0	0	0
2/16/2024 13:56	58001 WCAR_T1	4	4	0	0.4	0.45	0.05	0	0	0	0	0	0	0	0
2/16/2024 14:02	65004 NEFF_T2	2	7	5	0.6	0.26	-0.34	0	0	0	0	0	0	0	0
2/16/2024 14:05	46302 ROHR_T1	7	8	1	1.44	1.19	-0.25	0.19	0.2	0	0	0	0	0	0
2/16/2024 14:06	67401 WAKE_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/16/2024 14:06	40601 PIGR_T1	6	16	10	0.37	0.27	-0.1	0	0	0	0	0	0	0	0
2/16/2024 14:06	42701 AUGU_T1	1	1	0	0.1	0.5	0.4	0	0	1	1	0	600	600	0
2/16/2024 14:07	46301 ROHR_T1	112	121	9	0.29	0.3	0.01	0	0	0	0	0	0	0	0
2/16/2024 14:07	44504 HAMI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/16/2024 14:07	67402 WAKE_T2	0	0	0	0	0	0	0.2	0.22	0	0	0	0	0	0
2/16/2024 14:08	29401 BELT_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/16/2024 14:08	44502 HAMI_T2	1	1	0	2.9	3.2	0.3	0	0	0	0	0	0	0	0
2/16/2024 14:08	42701 AUGU_T1	1	1	0	0.1	0.5	0.4	0	0	2	2	0	1200	1200	0
2/16/2024 14:09	42701 AUGU_T1	1	1	0	0.1	0.5	0.4	0	0	1	1	0	600	600	0
2/16/2024 14:09	44504 HAMI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/16/2024 14:10	44502 HAMI_T2	1	1	0	2.9	3.2	0.3	0	0	0	0	0	0	0	0
2/16/2024 14:10	43001 ALWD_T1	7	13	6	0.16	0.25	0.09	0	0	0	0	0	0	0	0
2/16/2024 14:10	24105 EHAZ_T1	4	4	0	5.6	5.43	-0.17	-1.88	-1.89	1	1	0	1200	1200	0
2/16/2024 14:11	44501 HAMI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/16/2024 14:11	43001 ALWD_T1	7	13	6	0.16	0.25	0.09	0	0	0	0	0	0	0	0
2/16/2024 14:12	42701 AUGU_T1	1	1	0	0.1	0.5	0.4	0	0	1	1	0	600	600	0
2/16/2024 14:12	67401 WAKE_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/16/2024 14:13	43001 ALWD_T1	7	13	6	0.16	0.25	0.09	0	0	0	0	0	0	0	0
2/16/2024 14:14	45704 LIND_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/16/2024 14:15	12701 MACU_T1	0	0	0	0	0	0	0.06	0.08	0	0	0	0	0	0
2/16/2024 14:15	53901 HALI_T2	2	1	-1	0.45	0.9	0.45	0	0	0	0	0	0	0	0
2/16/2024 14:16	43001 ALWD_T1	8	13	5	0.29	0.25	-0.04	0	0	0	0	0	0	0	0
2/16/2024 14:16	64301 LINC_T1	0	0	0	0	0	0	0.36	0.35	0	0	0	0	0	0
2/16/2024 14:16	24102 EHAZ_T1	2	2	0	0.5	0	-0.5	0	0	0	0	0	0	0	0
2/16/2024 14:16	26402 INOR_T1	7	30	23	0.63	0.3	-0.33	-1.04	-1.02	1	1	0	600	600	0
2/16/2024 14:17	58401 MORO_T1	1	1	0	0.2	0.2	0	0	0	0	0	0	0	0

2/16/2024 14:26	43001 ALWD_T1	8	13	5	0.29	0.25	-0.04	0	0	0	0	0	0	0
2/16/2024 14:26	24103 EHAZ_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
2/16/2024 14:26	26402 INOR_T1	7	30	23	0.63	0.3	-0.33	-1.02	-0.99	1	1	0	600	600	0
2/16/2024 14:26	60102 COCA_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/16/2024 14:27	46003 BERW_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/16/2024 14:28	40602 PIGR_T1	1	1	0	0.5	0.5	0	0	0	0	0	0	0	0	0
2/16/2024 14:28	46803 HEPB_T2	12	0	-12	0.27	0	-0.27	0	0	0	0	0	0	0	0
2/16/2024 14:28	43001 ALWD_T1	8	13	5	0.29	0.25	-0.04	0	0	0	0	0	0	0	0
2/16/2024 14:28	67401 WAKE_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/16/2024 14:29	53802 MBRG_T2	0	0	0	0	0	0	-0.1	-0.11	0	0	0	0	0	0
2/16/2024 14:29	45704 LIND_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/16/2024 14:30	42903 MIDD_T2	2	3	1	2.15	1.5	-0.65	0	0	0	0	0	0	0	0
2/16/2024 14:30	12701 MACU_T1	0	0	0	0	0	0	0.08	0.07	0	0	0	0	0	0
2/16/2024 14:30	53902 HALI_T2	1	0	-1	0.1	0	-0.1	0	0	0	0	0	0	0	0
2/16/2024 14:31	24103 EHAZ_T1	0	3	3	0	0	0	0	0	0	0	0	0	0	0
2/16/2024 14:31	12701 MACU_T1	0	0	0	0	0	0	0.08	0.07	0	0	0	0	0	0
2/16/2024 14:31	13302 ORVI_T2	3	3	0	0.13	0.3	0.17	0.84	0.82	0	0	0	0	0	0
2/16/2024 14:32	12701 MACU_T1	0	0	0	0	0	0	0.08	0.07	0	0	0	0	0	0
2/16/2024 14:32	64201 KINZ_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/16/2024 14:32	64301 LINC_T1	0	0	0	0	0	0	0.35	0.35	0	0	0	0	0	0
2/16/2024 14:32	58402 MORO_T1	0	0	0	0	0	0	-0.02	-0.01	2	2	0	1500	1500	0
2/16/2024 14:32	54206 PENN_T2	27	11	-16	0.14	0.22	0.08	0	0	0	0	0	0	0	0
2/16/2024 14:33	53901 HALI_T2	1	1	0	0.9	1	0.1	0	0	0	0	0	0	0	0
2/16/2024 14:33	44601 SALE_T2	0	0	0	0	0	0	0.01	-0.01	0	0	0	0	0	0
2/16/2024 14:33	42002 MNVL_T2	1	1	0	6.6	6.3	-0.3	0	0	0	0	0	0	0	0
2/16/2024 14:33	58401 MORO_T1	1	1	0	0.2	0.2	0	0	0	0	0	0	0	0	0
2/16/2024 14:34	46301 ROHR_T1	116	169	53	0.3	0.33	0.03	0	0	0	0	0	0	0	0
2/16/2024 14:34	56504 ROCK_T2	2	2	0	0.35	0.35	0	-0.27	-0.44	0	0	0	0	0	0
2/16/2024 14:34	62607 ENGL_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/16/2024 14:34	56504 ROCK_T2	2	2	0	0.35	0.35	0	-0.27	-0.44	0	0	0	0	0	0
2/16/2024 14:34	64801 MONE_T2	47	50	3	0.37	0.39	0.02	0	0	0	0	0	0	0	0
2/16/2024 14:34	54206 PENN_T2	27	11	-16	0.14	0.22	0.08	0	0	0	0	0	0	0	0
2/16/2024 14:34	58402 MORO_T1	0	0	0	0	0	0	-0.02	-0.01	2	2	0	1500	1500	0
2/16/2024 14:35	56501 ROCK_T2	22	26	4	0.3	0.29	-0.01	-1.66	-1.65	0	0	0	0	0	0
2/16/2024 14:35	43302 WATS_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/16/2024 14:35	60605 NCDL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/16/2024 14:35	43802 SWIL_T1	0	0	0	0	0	0	-0.58	-0.52	2	2	0	1200	1200	0
2/16/2024 14:35	56503 ROCK_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/16/2024 14:35	64801 MONE_T2	47	50	3	0.37	0.39	0.02	-0.33	-0.32	0	0	0	0	0	0
2/16/2024 14:36	54204 PENN_T2	3	3	0	0.33	0.37	0.04	0	0	0	0	0	0	0	0
2/16/2024 14:36	43001 ALWD_T1	13	13	0	0.23	0.18	-0.05	0	0	0	0	0	0	0	0
2/16/2024 14:36	44902 SCOT_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/16/2024 14:36	64802 MONE_T2	67	65	-2	0.28	0.27	-0.01	-0.03	0	0	0	0	0	0	0
2/16/2024 14:36	54206 PENN_T2	27	11	-16	0.14	0.22	0.08	0	0	0	0	0	0	0	0
2/16/2024 14:36	56503 ROCK_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/16/2024 14:36	43301 WATS_T2	2	2	0	0.35	0.6	0.25	0	0	0	0	0	0	0	0
2/16/2024 14:36	56501 ROCK_T2	22	26	4	0.3	0.29	-0.01	-1.66	-1.65	0	0	0	0	0	0
2/16/2024 14:36	67402 WAKE_T2	0	0	0	0	0	0	0.22	0.22	0	0	0	0	0	0
2/16/2024 14:37	44501 HAMI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/16/2024 14:37	43001 ALWD_T1	13	13	0	0.23	0.18	-0.05	0	0	0	0	0	0	0	0
2/16/2024 14:37	44601 SALE_T2	0	0	0	0	0	0	0.01	-0.01	0	0	0	0	0	0
2/16/2024 14:37	56503 ROCK_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/16/2024 14:37	46302 ROHR_T1	5	6	1	1.5	1.53	0.03	0.2	0.19	0	0	0	0	0	0
2/16/2024 14:38	43801 SWIL_T1	18	18	0	0.44	0.5	0.06	0	0	0	0	0	0	0	0
2/16/2024 14:38	40603 PIGR_T1	0	0	0	0	0	0	0.93	0.88	0	0	0	0	0	0
2/16/2024 14:38	67401 WAKE_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/16/2024 14:38	44502 HAMI_T2	1	1	0	3.2	3.2	0	0	0	0	0	0	0	0	0
2/16/2024 14:38	43302 WATS_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/16/2024 14:38	46003 BERW_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/16/2024 14:38	60701 BREC_T1	2	4	2	0.55	0.35	-0.2	-0.08	-0.14	2	2	0	1200	1200	0
2/16/2024 14:38	44302 BEAV_T2	11	14	3	0.24	0.17	-0.07	0.29	0.29	0	0	0	0	0	0
2/16/2024 14:38	56501 ROCK_T2	22	26	4	0.3	0.29	-0.01	0	0	0	0	0	0	0	0
2/16/2024 14:39	43303 WATS_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/16/2024 14:39	43303 WATS_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/16/2024 14:39	44502 HAMI_T2	1	1	0	3.2	3.2	0	0	0	0	0	0	0	0	0
2/16/2024 14:39	26401 INOR_T1	258	3	-255	1.02	0	-1.02	0	0	0	0	0	0	0	0
2/16/2024 14:39	56503 ROCK_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/16/2024 14:39	42701 AUGU_T1	1	1	0	0.5	0.5	0	0	0	1	1	0	600	600	0
2/16/2024 14:39	60201 ATGL_T2	0	0	0	0	0	0	0.31	0.32	1	1	0	300	300	0
2/16/2024 14:39	29402 BELT_T1	111	121	10	0.83	1.13	0.3	0	0	0	0	0	0	0	0
2/16/2024 14:39	43001 ALWD_T1	13	13	0	0.23	0.18	-0.05	0	0	0	0	0	0	0	0
2/16/2024 14:39	15001 BLMO_T1	2	3	1	0.45	0.23	-0.22	0	0	0	0	0	0	0	0
2/16/2024 14:40	54505 ENOL_T2	1	2	1	1.2	0.7	-0.5	0	0	0	0	0	0	0	0
2/16/2024 14:40	44503 HAMI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/16/2024 14:40	23902 EFMO_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/16/2024 14:40	29402 BELT_T1	111	121	10	0.83	1.13	0.3	0	0	0	0	0	0	0	0
2/16/2024 14:40	42701 AUGU_T1	1	1	0	0.5	0.5	0	0	0	1	1	0	600	600	0
2/16/2024 14:40	10801 CHHI_T1	2	2	0	1.25	1.2	-0.05	-2.03	-2.01	2	2	0	1800	1800	0
2/16/2024 14:40	29402 BELT_T1	111	121	10	0.83	1.13	0.3	0	0	0	0	0	0	0	0
2/16/2024 14:41	60102 COCA_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/16/2024 14:41	42401 GIMA_T1	0	9	9	0	0.11	0.11	0	0	0	0	0	0	0	0
2/16/2024 14:41	61802 EELI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/16/2024 14:41	28604 BLYT_T2	0	1	1	0	0.2	0.2	-1.63	-1.61	0	0	0	0	0	0
2/16/2024 14:41	29401 BELT_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/16/2024 14:41	10801 CHHI_T1	2	2	0	1.25	1.2	-0.05	-1.01	-1.01	1	1	0	900	900	0
2/16/2024 14:42	44505 HAMI_T2	0	2	2	0	0	0	-0.01	-0.01	0	0	0	0	0	0
2/16/2024 14:42	46002 BERW_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/16/2024 14:42	54506 ENOL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/16/2024 14:42	24105 EHAZ_T1	4	4	0	5.55	5.43	-0.12	-1.93	-1.91	1	1	0	1200	1200	0
2/16/2024 14:42	64204 KINZ_T1	1	0	-1	0.4	0	-0.4	0	0	0	0	0	0	0	0
2/16/2024 14:42	43001 ALWD_T1	13	13	0	0.23	0.18	-0.05	0	0	0	0	0	0	0	0
2/16/2024 14:43	40601 PIGR_T1	16	35	19	0.27	0.21	-0.06	0	0	0	0	0	0	0	0
2/16/2024 14:43	67401 WAKE_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/16/2024 14:44	53903 HALI_T2	5	6	1	1.22	0.93	-0.29	-0.09	-0.14	0	0	0	0	0	0
2/16/2024 14:44	24902 WHHA_T1	0	0	0	0	0	0	0.46	0.45	0	0	0	0	0	0
2/16/2024 14:44	46801 HEPB_T2	2	2	0	0.5	0.4	-0.1	0.57	0.56	0	0	0	0	0	0
2/16/2024 14:44	13502 MCMI_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/16/2024 14:45	45703 LIND_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/16/2024 14:45	64802 MONE_T2	53	59	6	0.25	0.27	0.02	0	0	0	0	0	0	0	0
2/16/2024 14:45	53901 HALI_T2	1	1	0	0.4	1	0.6	0	0	0	0	0	0	0	0
2/16/2024 14:45	13503 MCMI_T2	80	116	36	0.24	0.25	0.01	-0.83	-0.85	0	0	0	0	0	0
2/16/2024 14:45	13502 MCMI_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/16/2024 14:45	44702 MUNC_T2	2	15	13	0.2	0.24	0.04	0	0	0	0	0	0	0	0
2/16/2024 14:45	10801 CHHI_T1	2	2	0	1.2	1.1	-0.1	-1.01	-1.01	1	1	0	900	900	0
2/16/2024 14:46	29401 BELT_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/16/2024 14:46	20402 ASHF_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/16/2024 14:46	13302 ORVI_T2	3	1	-2	0.3	0.2	-0.1	0.82	0.87	0	0	0	0	0	0
2/16/2024 14:46	42902 MIDD_T2	37	24	-13	0.32	0.28	-0.04	-0.92	-0.9	0	0	0	0	0	0
2/16/2024 14:46	13502 MCMI_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/16/2024 14:46	58302 NOTT_T1	0	0	0	0	0	0	-0.42	-0.49	1	1	0	1200	1200	0
2/16/2024 14:46	12704 MACU_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/16/2024 14:47	17804 GILL_T2	0	0	0	0	0	0	-0.53	-0.54	0	0	0	0	0	0
2/16/2024 14:47	24101 EHAZ_T1	32	40	8	1.25	0.64	-0.61	0	0	0	0	0	0	0	0
2/16/2024 14:47	26401 INOR_T1	3	0	-3	0.4	0	-0.4	0	0	0	0	0	0	0	0
2/16/2024 14:47	12704 MACU_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/16/2024 14:47	13503 MCMI_T2	80	116	36	0.24	0.25	0.01	-0.83	-0.85	0	0	0	0	0	0
2/16/2024 14:48	44601 SALE_T2	0	0	0	0	0	0	-0.01	-0.09	0	0	0	0	0	0
2/16/2024 14:48	46301 ROHR_T1	143	165	22	0.33	0.33	0	0.22	0.23	0	0	0	0	0	0
2/16/2024 14:48	54701 NEBL_T1	5	3	-2	0.32	0.37	0.05	0	0	1	1	0	600	600	0
2/16/2024 14:48	64301 LINC_T1	0	0	0	0	0	0	0.35	0.3	0	0	0	0	0	0
2/16/2024 14:48	60803 BUCK_T1	0	1	1	0	0.1	0.1	-0.54	-0.56	1	1	0	600	600	0
2/16/2024 14:48	51202 MTON_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/16/2024 14:48	13302 ORVI_T2	3	1	-2	0.3	0.2	-0.1	0.82	0.87	0	0	0	0	0	0
2/16/2024 14:48	26401 INOR_T1	3	0	-3	0.4	0	-0.4	0.86	0.35	0	0	0	0	0	0
2/16/2024 14:48	42903 MIDD_T2	3	2	-1	1.5	1.8	0.3	0	0	0	0	0	0	0	0
2/16/2024 14:48	59001 MIFF_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/16/2024 14:48	13503 MCMI_T2	80	116	36	0.24	0.25	0.01	-0.83	-0.85	0	0	0	0	0	0
2/16/2024 14:49	60801 BUCK_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/16/2024 14:49	44601 SALE_T2	0	0	0	0	0	0	-0.01	-0.09	0	0	0	0	0	0
2/16/2024 14:49	26402 INOR_T1	9	2	-7	0.44	0.4	-0.04	-0.99	-1	1	1	0	600	600	0
2/16/2024 14:49	65001 NEFF_T2	253	253	0	0.45	0.48	0.03	-0.91	-0.9	1	1	0	1200	1200	0
2/16/2024 14:49	13503 MCMI_T2	80	116	36	0.24	0.25	0.01	-0.83	-0.85	0	0	0	0	0	0
2/16/2024 14:50	65005 NEFF_T2	1	1	0	0.3	0.2	-0.1	0	0	0	0	0	0	0	0
2/16/2024 14:50	66504 SMAN_T2	3	4	1	0.33	0.35	0.02	0	0	0	0	0	0	0	0
2/16/2024 14:50	64801 MONE_T2	36	50	14	0.41	0.39	-0.02	0	0	0	0	0	0	0	0
2/16/2024 14:50	13302 ORVI_T2	3	1	-2	0.3	0.2	-0.1	1.64	1.74	0	0	0	0	0	0
2/16/2024 14:50	44703 MUNC_T2	3	3	0	0.53	0.87	0.34	0	0	0	0	0	0	0	0
2/16/2024 14:51	46301 ROHR_T1	143	165	22	0.33	0.33	0	0.22	0.23	0	0	0	0	0	0
2/16/2024 14:51	26402 INOR_T1	9	2	-7	0.44	0.4	-0.04	0	0	0	0	0	0	0	0
2/16/2024 14:51	43303 WATS_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/16/2024 14:51	67505 WEWI_T1	1	1	0	0.3	0.2	-0.1	0	0	0	0	0	0	0	0
2/16/2024 14:51	67605 WARW_T1	50	46	-4	0.86	0.81	-0.05	-2.27	-2.21	0	0	0	0	0	0
2/16/2024 14:52	43301 WATS_T2	2	2	0	0.6	0.45	-0.15	0	0	0	0	0	0	0	0
2/16/2024 14:52	43001 ALWD_T1	11	12	1	0.16	0.18	0.02	0	0	0	0	0	0	0	0
2/16/2024 14:53	66504 SMAN_T2	3	4	1	0.33	0.35	0.02	0	0	0	0	0	0	0	0
2/16/2024 14:53	46001 BERW_T1	0	0	0	0	0	0	2	2	0	0	0	0	0	0
2/16/2024 14:54	46005 BERW_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/16/2024 14:54	43303 WATS_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/16/2024 14:54	40602 PIGR_T1	1	1	0	0.5	0.2	-0.3	0	0	0	0	0	0	0	0
2/16/2024 14:54	67402 WAKE_T2	0	0	0	0	0	0	0.2	0.21	0	0	0	0	0	0
2/16/2024 14:54	56504 ROCK_T2	3	2	-1	3.43	0.5	-2.93	0	0	0	0	0	0	0	0
2/16/2024 14:54	67505 WEWI_T1	1	1	0	0.3	0.2	-0.1	0	0	0	0	0	0	0	0
2/16/2024 14:55	29402 BELT_T1	121	118	-3	1.09	1.06	-0.03	0	0	0	0	0	0	0	0
2/16/2024 14:55	46005 BERW_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/16/2024 14:55	44302 BEAV_T2	10	11	1	0.18	0.17	-0.01	0	0	0	0	0	0	0	0
2/16/2024 14:56	23901 EFMO_T2	0	0	0	0	0	0	0.05	0.06	0	0	0	0	0	0
2/16/2024 14:56	10801 CHHI_T1	2	2	0	1.2	1.1	-0.1	-1.01	-1.01	1	1	0	900	900	0
2/16/2024 14:57	41502 FAIR_T2	0	0	0	0	0	0	-1.63	-1.66	1	1	0	900	900	0
2/16/2024 14:57	54503 ENOL_T2	1	2	1	0.2	0.25	0.05	0	0	0	0	0	0	0	0
2/16/2024 14:58	54505 ENOL_T2	2	1	-1	0.65	1.3	0.65	0	0	0	0	0	0	0	0
2/16/2024 14:58	43001 ALWD_T1	11	12	1	0.16	0.18	0.02	0	0	0	0	0	0	0	0
2/16/2024 14:59	40603 PIGR_T1	0	0	0	0	0	0	0.44	0.45	0	0	0	0	0	0
2/16/2024 14:59	42001 MNVL_T2	0	0	0	0	0	0	0.04	0.01	0	0	0	0	0	0
2/16/2024 14:59	67402 WAKE_T2	0	0	0	0	0	0	0.2	0.21	0	0	0	0	0	0
2/16/2024 15:01	10801 CHHI_T1	2	2	0	1.1	0.85	-0.25	-1.01	-1.01	1	1	0	900	900	0
2/16/2024 15:01	58402 MORO_T1	0	1	1	0	0	0	-0.02	-0.03	2	2	0	1500	1500	0
2/16/2024 15:02	62601 ENGL_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/16/2024 15:02	41902 REED_T1	2	0	-2	0.4	0	-0.4	1.22	1.14	0	0	0	0	0	0
2/16/2024 15:03	25501 MADI_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/16/2024 15:03	54206 PENN_T2	10	10	0	0.18	0.2	0.02	0	0	0	0	0	0	0	0
2/16/2024 15:04	42002 MNVL_T2	1	1	0	6.3	6	-0.3	0	0	0	0	0	0	0	0
2/16/2024 15:04	58401 MORO_T1	1	0	-1	0.1	0	-0.1	0	0	0	0	0	0	0	0
2/16/2024 15:05	62607 ENGL_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/16/2024 15:06	54206 PENN_T2	10	10	0	0.18	0.2	0.02	0	0	0	0	0	0	0	0
2/16/2024 15:06	62601 ENGL_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/16/2024 15:06	57401 SPAN_T1	2	2	0	0.25	0.3	0.05	0	0	0	0	0	0	0	0
2/16/2024 15:07	57401 SPAN_T1	2	2	0	0.25	0.3	0.05	0	0	0	0	0	0	0	0
2/16/2024 15:07	41903 REED_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/16/2024 15:09	43001 ALWD_T1	11	13	2	0.16	0.18	0.02	0	0	0	0	0	0	0	0
2/16/2024 15:10	40603 PIGR_T1	0	0	0	0	0	0	0.45	0.46	0	0	0	0	0	0
2/16/2024

Appendix C - Grid Benefits Achieved in Each Instance of Active Management

2/16/2024 15:54	59102 WALK_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/16/2024 15:54	10801 CHHI_T1	2	0	-2	0.3	0	-0.3	-1.01	-0.98	1	1	0	900	900	0
2/16/2024 15:56	43001 ALWD_T1	11	12	1	0.22	0.29	0.07	0	0	0	0	0	0	0	0
2/16/2024 15:57	67401 WAKE_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/16/2024 15:58	29402 BELT_T1	116	115	-1	0.95	0.93	-0.02	0	0	0	0	0	0	0	0
2/16/2024 15:59	53903 HAU_T2	3	2	-1	1.1	1.6	0.5	0	0	0	0	0	0	0	0
2/16/2024 15:59	10801 CHHI_T1	2	0	-2	0.3	0	-0.3	-1.01	-0.98	1	1	0	900	900	0
2/16/2024 16:01	43001 ALWD_T1	12	12	0	0.29	0.23	-0.06	0	0	0	0	0	0	0	0
2/16/2024 16:01	53903 HAU_T2	2	2	0	1.35	1.6	0.25	0	0	0	0	0	0	0	0
2/16/2024 16:03	25404 LAHA_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/16/2024 16:05	53901 HAU_T2	0	1	1	0	0.1	0.1	-1.34	-1.38	0	0	0	0	0	0
2/16/2024 16:07	67402 WAKE_T2	0	0	0	0	0	0	0.22	0.25	0	0	0	0	0	0
2/16/2024 16:09	46202 DANV_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/16/2024 16:09	29401 BELT_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/16/2024 16:09	10801 CHHI_T1	0	0	0	0	0	0	-0.98	-0.94	1	1	0	900	900	0
2/16/2024 16:10	46204 DANV_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/16/2024 16:11	46205 DANV_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/16/2024 16:13	67402 WAKE_T2	0	0	0	0	0	0	0.25	0.21	0	0	0	0	0	0
2/16/2024 16:15	10801 CHHI_T1	0	0	0	0	0	0	-0.98	-0.94	1	1	0	900	900	0
2/16/2024 16:16	54503 ENOL_T2	0	180	180	0	0	0	0	0	0	0	0	0	0	0
2/16/2024 16:18	46202 DANV_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/16/2024 16:19	65004 NEFF_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/16/2024 16:20	14404 SSLA_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/16/2024 16:22	54504 ENOL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/16/2024 16:23	67402 WAKE_T2	0	0	0	0	0	0	0.21	0.21	0	0	0	0	0	0
2/16/2024 16:23	14401 SSLA_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/16/2024 16:25	54503 ENOL_T2	0	180	180	0	0	0	0	0	0	0	0	0	0	0
2/16/2024 16:25	10801 CHHI_T1	0	0	0	0	0	0	-0.94	-0.97	1	1	0	900	900	0
2/16/2024 16:28	67402 WAKE_T2	0	0	0	0	0	0	0.21	0.21	0	0	0	0	0	0
2/16/2024 16:30	10801 CHHI_T1	0	0	0	0	0	0	-0.94	-0.97	1	1	0	900	900	0
2/16/2024 16:35	48302 ORWI_T2	2	5	3	0.8	0.65	-0.15	0.02	0.03	0	0	0	0	0	0
2/16/2024 16:41	40502 CRES_T2	14	36	22	0.42	0.43	0.01	-0.67	-0.7	0	0	0	0	0	0
2/16/2024 16:41	10801 CHHI_T1	0	0	0	0	0	0	-0.97	-0.93	1	1	0	900	900	0
2/16/2024 16:42	40501 CRES_T2	17	40	23	0.54	0.56	0.02	0	0	0	0	0	0	0	0
2/16/2024 16:43	40501 CRES_T2	17	40	23	0.54	0.56	0.02	0	0	0	0	0	0	0	0
2/16/2024 16:44	40501 CRES_T2	17	40	23	0.54	0.56	0.02	0	0	0	0	0	0	0	0
2/16/2024 16:45	40502 CRES_T2	26	34	8	0.42	0.44	0.02	-1.35	-1.39	0	0	0	0	0	0
2/16/2024 16:46	10801 CHHI_T1	0	0	0	0	0	0	-0.97	-0.93	1	1	0	900	900	0
2/16/2024 16:55	67402 WAKE_T2	0	0	0	0	0	0	0.2	0.24	0	0	0	0	0	0
2/16/2024 17:00	67401 WAKE_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/16/2024 17:03	13905 SEID_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/16/2024 17:05	67402 WAKE_T2	0	0	0	0	0	0	0.2	0.24	0	0	0	0	0	0
2/16/2024 17:07	49803 UNIV_T1	0	0	0	0	0	0	-1.09	-1.08	0	0	0	0	0	0
2/16/2024 17:10	67401 WAKE_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/16/2024 17:19	13902 SEID_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/16/2024 17:33	65005 NEFF_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/16/2024 17:39	59101 WALK_T2	0	1	1	0	0.1	0.1	0.71	0.84	1	1	0	600	600	0
2/16/2024 17:42	26402 INOR_T1	0	1	1	0	0.2	0.2	0	0	0	0	0	0	0	0
2/16/2024 17:50	47802 MOCA_T2	0	0	0	0	0	0	-1.04	-1.03	0	0	0	0	0	0
2/16/2024 17:51	59101 WALK_T2	1	83	82	0.1	0	-0.1	0	0	0	0	0	0	0	0
2/16/2024 17:55	59101 WALK_T2	1	83	82	0.1	0	-0.1	0.84	0.84	1	1	0	600	600	0
2/16/2024 18:04	24901 WHHA_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/16/2024 18:05	20401 ASHF_T2	3	4	1	0.37	0.63	0.26	0	0	0	0	0	0	0	0
2/16/2024 18:12	54506 ENOL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/16/2024 18:20	65005 NEFF_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/16/2024 18:53	13902 SEID_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/16/2024 18:55	57401 SPAN_T1	0	0	0	0	0	0	-0.74	-0.74	1	1	0	600	600	0
2/16/2024 19:11	46206 DANV_T2	12	10	-2	1.8	0.45	-1.35	2.07	2.04	1	1	0	1200	1200	0
2/16/2024 19:13	65004 NEFF_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/16/2024 19:13	46202 DANV_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/16/2024 19:23	17804 GILB_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/16/2024 19:27	24901 WHHA_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/16/2024 19:27	10801 CHHI_T1	0	0	0	0	0	0	-0.79	-0.84	1	1	0	900	900	0
2/16/2024 19:28	54505 ENOL_T2	1	1	0	0.6	0.7	0.1	0	0	0	0	0	0	0	0
2/16/2024 19:28	28703 HAML_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/16/2024 19:28	29402 BELT_T1	15	39	24	0.61	0.45	-0.16	0	0	0	0	0	0	0	0
2/16/2024 19:29	17002 RIFO_T2	7	9	2	0.13	0.13	0	0.49	0.45	0	0	0	0	0	0
2/16/2024 19:29	29402 BELT_T1	15	39	24	0.61	0.45	-0.16	0	0	0	0	0	0	0	0
2/16/2024 19:32	27503 WEIS_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/16/2024 19:33	62602 ENGL_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/16/2024 19:33	13302 ORVI_T2	3	3	0	0.1	0.17	0.07	1.41	1.48	0	0	0	0	0	0
2/16/2024 19:33	44601 SALE_T2	0	0	0	0	0	0	-0.08	-0.06	0	0	0	0	0	0
2/16/2024 19:34	29401 BELT_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/16/2024 19:34	20603 GRWO_T2	31	34	3	0.54	0.52	-0.02	0	0	0	0	0	0	0	0
2/16/2024 19:34	13501 MCMI_T1	0	0	0	0	0	0	0.31	0.32	0	0	0	0	0	0
2/16/2024 19:34	49804 UNIV_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/16/2024 19:35	13503 MCMI_T2	0	0	0	0	0	0	-0.67	-0.66	0	0	0	0	0	0
2/16/2024 19:35	40501 CRES_T2	26	34	8	0.66	0.55	-0.11	0	0	0	0	0	0	0	0
2/16/2024 19:35	29401 BELT_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/16/2024 19:35	42601 TUSC_T1	20	9	-11	0.43	0.98	0.55	0.29	0.32	1	1	0	600	600	0
2/16/2024 19:35	64201 KINZ_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/16/2024 19:35	25404 LAHA_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/16/2024 19:35	15701 TANN_T1	1	1	0	4.2	4.1	-0.1	0	0	0	0	0	0	0	0
2/16/2024 19:36	42601 TUSC_T1	20	9	-11	0.43	0.98	0.55	0.29	0.32	1	1	0	600	600	0
2/16/2024 19:36	62607 ENGL_T1	1	1	0	0.5	0.3	-0.2	0	0	0	0	0	0	0	0
2/16/2024 19:36	17805 GILB_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/16/2024 19:36	13302 ORVI_T2	3	3	0	0.1	0.17	0.07	1.41	1.48	0	0	0	0	0	0
2/16/2024 19:36	46301 ROHR_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/16/2024 19:36	12704 MACU_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/16/2024 19:36	43802 SWIL_T1	0	0	0	0	0	0	-0.23	-0.22	1	1	0	600	600	0
2/16/2024 19:36	27502 WEIS_T2	0	0	0	0	0	0	-0.48	-0.41	0	0	0	0	0	0
2/16/2024 19:36	13503 MCMI_T2	0	0	0	0	0	0	-0.67	-0.66	0	0	0	0	0	0
2/16/2024 19:37	46002 BERW_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/16/2024 19:37	44302 BEAV_T2	0	0	0	0	0	0	0.22	0.21	0	0	0	0	0	0
2/16/2024 19:37	17805 GILB_T2	0	0	0	0	0	0	0.14	0.13	0	0	0	0	0	0
2/16/2024 19:37	26401 INOR_T1	1	2	1	0.1	0.1	0	-0.07	-0.09	0	0	0	0	0	0
2/16/2024 19:37	46301 ROHR_T1	0	0	0	0	0	0	0.23	0.23	0	0	0	0	0	0
2/16/2024 19:37	46203 DANV_T2	63	59	-4	0.38	0.37	-0.01	-1.3	-1.33	0	0	0	0	0	0
2/16/2024 19:37	43301 WATS_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/16/2024 19:37	67001 STHI_T2	144	177	33	0.13	0.13	0	0	0	0	0	0	0	0	0
2/16/2024 19:37	10805 CHHI_T2	1	1	0	7.9	7.9	0	-0.46	-0.39	0	0	0	0	0	0
2/16/2024 19:37	49803 UNIV_T1	0	0	0	0	0	0	-1.04	-1.03	0	0	0	0	0	0
2/16/2024 19:37	42401 GIMA_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/16/2024 19:37	42701 AUGU_T1	0	0	0	0	0	0	0	0	1	1	0	600	600	0
2/16/2024 19:37	60701 BREC_T1	15	15	0	0	0.12	0.12	-0.45	-0.44	1	1	0	600	600	0
2/16/2024 19:38	43304 WATS_T2	3	7	4	0.43	0.6	0.17	0	0	0	0	0	0	0	0
2/16/2024 19:38	47002 HUGH_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/16/2024 19:38	67503 WEWI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/16/2024 19:38	64202 KINZ_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/16/2024 19:38	66504 SMAN_T2	0	0	0	0	0	0	-0.91	-0.95	0	0	0	0	0	0
2/16/2024 19:38	47402 PENS_T1	0	48	48	0	0	0	0	0	0	0	0	0	0	0
2/16/2024 19:38	64702 LITI_T2	0	0	0	0	0	0	-0.76	-0.74	0	0	0	0	0	0
2/16/2024 19:38	48303 ORWI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/16/2024 19:38	45501 DERR_T2	0	0	0	0	0	0	0.17	0.18	2	2	0	1800	1800	0
2/16/2024 19:38	24901 WHHA_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/16/2024 19:38	44302 BEAV_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/16/2024 19:38	54202 PENN_T2	0	0	0	0	0	0	0.58	0.56	0	0	0	0	0	0
2/16/2024 19:38	26402 INOR_T1	5	4	-1	0.2	0.13	-0.07	-1.07	-1.06	1	1	0	600	600	0
2/16/2024 19:38	15001 BLMO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/16/2024 19:38	41501 FAIR_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/16/2024 19:38	13501 MCMI_T1	0	0	0	0	0	0	0.32	0.32	0	0	0	0	0	0
2/16/2024 19:39	13503 MCMI_T2	0	0	0	0	0	0	-0.66	-0.64	0	0	0	0	0	0
2/16/2024 19:39	42504 ALTA_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/16/2024 19:39	62601 ENGL_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/16/2024 19:39	46206 DANV_T2	10	12	2	0.44	0.67	0.23	0	0	0	0	0	0	0	0
2/16/2024 19:39	17803 GILB_T2	1	1	0	0.1	0.1	0	0	0	0	0	0	0	0	0
2/16/2024 19:39	65001 NEFF_T2	157	165	8	0.16	0.17	0.01	-1.21	-1.2	1	1	0	1200	1200	0
2/16/2024 19:39	61101 BERK_T5	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/16/2024 19:39	57106 SPHI_T2	3	3	0	1.3	1.37	0.07	0	0	0	0	0	0	0	0
2/16/2024 19:39	57401 SPAN_T1	0	0	0	0	0	0	-0.74	-0.75	1	1	0	600	600	0
2/16/2024 19:39	17801 GILB_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/16/2024 19:39	59101 WALK_T2	0	0	0	0	0	0	0.67	0.62	1	1	0	600	600	0
2/16/2024 19:39	13501 MCMI_T1	0	0	0	0	0	0	0.32	0.32	0	0	0	0	0	0
2/16/2024 19:39	42701 AUGU_T1	0	0	0	0	0	0	0	0	1	1	0	600	600	0
2/16/2024 19:39	40101 HUNT_T2	231	213	-18	0.67	0.55	-0.12	-0.28	-0.38	0	0	0	0	0	0
2/16/2024 19:40	53901 HAU_T2	1	1	0	0.1	0.2	0.1	-4.26	-4.23	0	0	0	0	0	0
2/16/2024 19:40	62601 ENGL_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/16/2024 19:40	13302 ORVI_T2	3	3	0	0.1	0.17	0.07	1.48	1.42	0	0	0	0	0	0
2/16/2024 19:40	42903 MIDD_T2	2	2	0	0.95	0.85	-0.1	0	0	0	0	0	0	0	0
2/16/2024 19:40	59102 WALK_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/16/2024 19:40	54504 ENOL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/16/2024 19:40	64201 KINZ_T1	0	0	0	0	0	0	-0.76	-0.83	3	3	0	1500	1500	0
2/16/2024 19:40	65003 NEFF_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/16/2024 19:40	67603 WARW_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/16/2024 19:40	67002 STHI_T2	58	54	-4	0.15	0.16	0.01	0.63	0.6	0	0	0	0	0	0
2/16/2024 19:40	44901 SCIT_T2	0	0	0	0	0	0	-0.19	-0.19	0	0	0	0	0	0
2/16/2024 19:40	12701 MACU_T1	1	0	-1	0.1	0	-0.1	0.14	0.15	0	0	0	0	0	0
2/16/2024 19:40	44504 HAMI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/16/2024 19:40	64703 LITI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/16/2024 19:40	46301 ROHR_T1	0	0	0	0	0	0	0.23	0.22	0	0	0	0	0	0
2/16/2024 19:40	41901 REED_T1	10	10	0	0.6	0.74	0.14	0	0	0	0	0	0	0	0
2/16/2024 19:40	28604 BLYT_T2	0	0	0	0	0	0	-1.48	-1.52	0	0	0	0	0	0
2/16/2024 19:40	60101 COCA_T1	0	0	0	0	0	0	0.31	0.36	0	0	0	0	0	0
2/16/2024 19:40	55001 NEWP_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/16/2024 19:40	56801 BENV_T1	8	11	3	0.36	0.52	0.16	-0.63	-0.64	1	1	0	600	600	0
2/16/2024 19:40	40101 HUNT_T2	231	213	-18	0.67	0.55	-0.12	-0.28	-0.38	0	0	0	0	0	0
2/16/2024 19:40	15001 BLMO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/16/2024 19:40	29401 BELT_T1	0	0	0	0	0	0	0	0	3	3	0	2700	2700	0
2/16/2024 19:40	53901 HAU_T2	1	1	0	0.1	0.2	0.1	-4.26	-4.23	0	0	0	0	0	0
2/16/2024 19:41	52004 LING_T2	0	1	1	0	0.3	0.3	0.32	0.35	0	0	0	0	0	0
2/16/2024 19:41	40901 JESH_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/16/2024 19:41	10805 CHHI_T2	1	1	0	7.9	7.9	0	-0.2	-0.18	0	0	0	0	0	0
2/16/2024 19:41	53903 HAU_T2	2	2	0	0.9	1.1	0.2	0	0	0	0	0	0	0	0
2/16/2024 19:41	54506 ENOL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/16/2024 19:41	46206 DANV_T2	10	12	2	0.44	0.67	0.23	0	0	0	0	0	0	0	0
2/16/2024 19:41	16302 ALPA_T2	0	1	1	0	0	0	0.67	0.66	0	0	0	0	0	0
2/16/2024 19:41	67001 STHI_T2	144	177	33	0.13	0.13	0	0	0	0	0	0	0	0	0
2/16/2024 19:41	46701 RENO_T1	46	159	113	0.3	0.33	0.03	0	0	0	0	0	0	0	0
2/16/2024 19:41	64903 MILL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/16/2024 19:41	44503 HAMI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/16/2024 19:41	64802 MONE_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/16/2024 19:41	56802 BENV_T2	13	11	-2	0.17	0.2	0.03	-1.33	-1.31	0	0	0	0	0	0
2/16/2024 19:41	26401 INOR_T1	1	2	1	0.1	0.1	0	0	0	0	0	0	0	0	0
2/16/2024 19:42	17805 GILB_T2	0	0	0	0	0	0	0.26	0.16	0	0	0	0	0	0
2/16/2024 19:42	67502 WEWI_T2	0	0	0	0	0	0	0	-0.36	0	0	0	0	0	0
2/16/2024 19:42	14403 SSLA_T1	0	0	0	0	0	0	0.78	0.78	0	0	0	0	0	0
2/16/2024 19:42	58402 MORO_T1	0	0	0	0	0	0	-0.07	-0.12	2	2	0	1500	1500	0
2/16/2024 19:42	13503 MCMI_T2	0	0	0	0	0	0	-1.33	-1.28	0	0	0	0	0	0
2/16/2024 19:42	64305 LINC_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/16/2024 19:42	40601 PIGR_T1	2	24	22	0.1	0.18	0.08	0	0	0	0	0	0	0	0
2/16/2024 19:42	41802 GOCI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/16/2024 19:42	25502 MADI_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/16/2024 19:42	64202 KINZ_T1	0	0	0	0

2/16/2024 19:43	60801 BUCK_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/16/2024 19:43	46003 BERW_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/16/2024 19:43	56501 ROCK_T2	4	2	-2	0.63	0.8	0.17	-3.01	-2.98	0	0	0	0	0	0
2/16/2024 19:43	17804 GILB_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/16/2024 19:43	60201 ATGL_T2	0	0	0	0	0	0	0.18	0.21	1	1	0	300	300	0
2/16/2024 19:43	67503 WEWI_T2	0	0	0	0	0	0	-0.08	-0.1	0	0	0	0	0	0
2/16/2024 19:43	43304 WATS_T2	3	7	4	0.43	0.6	0.17	-0.33	-0.33	0	0	0	0	0	0
2/16/2024 19:43	43802 SWIL_T1	0	0	0	0	0	0	-0.22	-0.24	1	1	0	600	600	0
2/16/2024 19:43	65004 NEFF_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/16/2024 19:43	67001 STHI_T2	144	177	33	0.13	0.13	0	0.22	0.24	0	0	0	0	0	0
2/16/2024 19:43	67502 WEWI_T2	0	0	0	0	0	0	-0.38	-0.36	0	0	0	0	0	0
2/16/2024 19:43	42701 AUGU_T1	0	0	0	0	0	0	0	0	1	1	0	600	600	0
2/16/2024 19:43	59003 MIFF_T1	0	0	0	0	0	0	0.98	0.87	0	0	0	0	0	0
2/16/2024 19:43	56504 ROCK_T2	0	0	0	0	0	0	-0.09	-0.02	0	0	0	0	0	0
2/16/2024 19:43	43202 MVIL_T2	0	0	0	0	0	0	-0.63	-0.63	0	0	0	0	0	0
2/16/2024 19:43	59202 THOM_T1	0	2	2	0	0.15	0.15	0	0	0	0	0	0	0	0
2/16/2024 19:43	54701 NEBL_T1	1	1	0	0.2	0.1	-0.1	0	0	1	1	0	600	600	0
2/16/2024 19:44	45702 LIND_T2	1	1	0	0.1	1.2	0.1	-0.58	-0.58	0	0	0	0	0	0
2/16/2024 19:44	46001 BERW_T1	0	0	0	0	0	0	0.68	0.69	0	0	0	0	0	0
2/16/2024 19:44	54505 ENOL_T2	1	1	0	0.6	0.7	0.1	-1.21	-1.24	1	1	0	600	600	0
2/16/2024 19:44	10801 CHNI_T1	0	0	0	0	0	0	-0.84	-0.81	1	1	0	900	900	0
2/16/2024 19:44	47001 HUGH_T2	0	0	0	0	0	0	-0.62	-0.61	0	0	0	0	0	0
2/16/2024 19:44	54202 PENN_T2	0	0	0	0	0	0	0.58	0.56	0	0	0	0	0	0
2/16/2024 19:44	44504 HAMI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/16/2024 19:44	67502 WEWI_T2	0	0	0	0	0	0	-0.38	-0.36	0	0	0	0	0	0
2/16/2024 19:44	17802 GILB_T1	0	0	0	0	0	0	0.14	0.08	0	0	0	0	0	0
2/16/2024 19:44	54501 ENOL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/16/2024 19:44	20601 GRWO_T2	2	1	-1	0.7	0.7	0	0.25	0.23	0	0	0	0	0	0
2/16/2024 19:44	42204 SHEN_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/16/2024 19:44	61102 BERK_T5	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/16/2024 19:44	44301 BEAV_T2	0	1	1	0	0.2	0.2	-0.43	-0.24	1	1	0	600	600	0
2/16/2024 19:44	56802 BENV_T2	13	11	-2	0.17	0.2	0.03	-1.33	-1.31	0	0	0	0	0	0
2/16/2024 19:44	29401 BELT_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/16/2024 19:44	59102 WALK_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/16/2024 19:44	55001 NEWP_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/16/2024 19:44	54204 PENN_T2	2	2	0	0.15	0.3	0.15	0	0	0	0	0	0	0	0
2/16/2024 19:45	67605 WARW_T1	7	13	6	0.26	0.45	0.19	-1.06	-1.06	0	0	0	0	0	0
2/16/2024 19:45	57403 SPAN_T1	0	0	0	0	0	0	0.12	0.07	0	0	0	0	0	0
2/16/2024 19:45	42903 MIDD_T2	2	2	0	0.85	0.85	0	0	0	0	0	0	0	0	0
2/16/2024 19:45	29401 BELT_T1	0	0	0	0	0	0	0	0	1	1	0	900	900	0
2/16/2024 19:45	54506 ENOL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/16/2024 19:45	54503 ENOL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/16/2024 19:45	45402 WILO_T2	0	0	0	0	0	0	-0.64	-0.61	0	0	0	0	0	0
2/16/2024 19:45	57303 MOAL_T2	1	1	0	7.2	7.3	0.1	0	0	0	0	0	0	0	0
2/16/2024 19:45	61803 EELI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/16/2024 19:45	43302 WATS_T2	4	4	0	0.55	0.4	-0.15	0	0	0	0	0	0	0	0
2/16/2024 19:45	55002 NEWP_T1	0	2	2	0	0.15	0.15	-0.24	-0.24	0	0	0	0	0	0
2/16/2024 19:45	64801 MONE_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/16/2024 19:45	52204 DEVO_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/16/2024 19:45	45502 DERR_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/16/2024 19:45	56503 ROCK_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/16/2024 19:45	56503 ROCK_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/16/2024 19:45	59101 WALK_T2	0	0	0	0	0	0	0.67	0.62	1	1	0	600	600	0
2/16/2024 19:45	56802 BENV_T2	2	89	87	0.4	0.23	-0.17	-1.33	-1.31	0	0	0	0	0	0
2/16/2024 19:45	10801 CHNI_T1	0	0	0	0	0	0	-0.84	-0.81	1	1	0	900	900	0
2/16/2024 19:45	44702 MUNC_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/16/2024 19:46	51102 CARL_T1	54	83	29	0.19	0.23	0.04	0	0	0	0	0	0	0	0
2/16/2024 19:46	43201 MVIL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/16/2024 19:46	54505 ENOL_T2	1	2	1	0.7	0.8	0.1	0	0	0	0	0	0	0	0
2/16/2024 19:46	67503 WEWI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/16/2024 19:46	54205 PENN_T1	0	58	58	0	0.14	0.14	0	0	0	0	0	0	0	0
2/16/2024 19:46	54506 ENOL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/16/2024 19:46	67402 WAKE_T2	0	0	0	0	0	0	-0.4	-0.39	1	1	0	600	600	0
2/16/2024 19:46	46003 BERW_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/16/2024 19:46	43001 ALWD_T1	10	12	2	0.24	0.29	0.05	0	0	0	0	0	0	0	0
2/16/2024 19:46	46203 DANV_T2	46	125	79	0.4	0.66	0.26	-1.33	-1.31	0	0	0	0	0	0
2/16/2024 19:46	43301 WATS_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/16/2024 19:46	23901 EFMO_T2	0	0	0	0	0	0	-0.77	-0.78	0	0	0	0	0	0
2/16/2024 19:46	56503 ROCK_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/16/2024 19:46	44504 HAMI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/16/2024 19:46	20402 ASHF_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/16/2024 19:46	40101 HUNT_T2	203	162	-41	0.69	0.53	-0.16	-0.28	-0.38	0	0	0	0	0	0
2/16/2024 19:46	43402 BENT_T1	1	0	-1	0.4	0	-0.4	-0.91	-0.9	1	1	0	900	900	0
2/16/2024 19:47	42803 SELI_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/16/2024 19:47	54506 ENOL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/16/2024 19:47	54206 PENN_T2	3	5	2	0.13	0.24	0.11	0	-0.07	0	0	0	0	0	0
2/16/2024 19:47	67001 STHI_T2	106	217	111	0.11	0.13	0.02	0.11	0.12	0	0	0	0	0	0
2/16/2024 19:47	58401 MORO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/16/2024 19:47	51103 CARL_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/16/2024 19:47	56501 ROCK_T2	2	4	2	0.65	0.28	-0.37	0	0	0	0	0	0	0	0
2/16/2024 19:47	42202 SHEN_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/16/2024 19:47	56803 BENV_T1	14	16	2	0.69	0.71	0.02	0	0	0	0	0	0	0	0
2/16/2024 19:47	53501 EVIL_T2	1	0	-1	0.2	0	-0.2	0	0	0	0	0	0	0	0
2/16/2024 19:47	42701 AUGU_T1	0	0	0	0	0	0	0	0	1	1	0	600	600	0
2/16/2024 19:47	60602 NCOL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/16/2024 19:47	59101 WALK_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/16/2024 19:47	54701 NEBL_T1	1	1	0	0.1	0.1	0	0	0	1	1	0	600	600	0
2/16/2024 19:47	56802 BENV_T2	2	89	87	0.4	0.23	-0.17	-1.33	-1.31	0	0	0	0	0	0
2/16/2024 19:48	43304 WATS_T2	7	1	-6	0.43	0	-0.43	-0.33	-0.33	0	0	0	0	0	0
2/16/2024 19:48	14402 SSLA_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/16/2024 19:48	10707 CATA_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/16/2024 19:48	54505 ENOL_T2	1	2	1	0.7	0.8	0.1	-1.21	-1.24	1	1	0	600	600	0
2/16/2024 19:48	67002 STHI_T2	27	55	28	0.12	0.15	0.03	0.63	0.6	0	0	0	0	0	0
2/16/2024 19:48	40502 CRES_T2	24	33	9	0.43	0.46	0.03	-0.69	-0.68	0	0	0	0	0	0
2/16/2024 19:48	50106 HARR_T3	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/16/2024 19:48	60701 BREC_T1	0	15	15	0	0.12	0.12	-0.44	-0.45	1	1	0	600	600	0
2/16/2024 19:48	47401 PENS_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/16/2024 19:48	67201 TEHI_T1	11	60	49	0.12	0.21	0.09	-0.48	-0.51	1	1	0	600	600	0
2/16/2024 19:48	41802 GOCI_T2	0	1	1	0	0	0	0	0	0	0	0	0	0	0
2/16/2024 19:48	53901 HALI_T2	1	1	0	0.1	0.3	0.2	0	0	0	0	0	0	0	0
2/16/2024 19:48	58302 NOTT_T1	0	0	0	0	0	0	-0.43	-0.52	1	1	0	1200	1200	0
2/16/2024 19:48	40101 HUNT_T2	203	162	-41	0.69	0.53	-0.16	-0.28	-0.38	0	0	0	0	0	0
2/16/2024 19:49	44703 MUNC_T2	1	2	1	0.5	0.2	-0.3	0	0	0	0	0	0	0	0
2/16/2024 19:49	54502 ENOL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/16/2024 19:49	67503 WEWI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/16/2024 19:49	44301 BEAV_T2	1	2	1	0.2	1.6	1.4	-0.43	-0.24	1	1	0	600	600	0
2/16/2024 19:49	42701 AUGU_T1	0	0	0	0	0	0	0	0	1	1	0	600	600	0
2/16/2024 19:49	67201 TEHI_T1	11	60	49	0.12	0.21	0.09	0	0	0	0	0	0	0	0
2/16/2024 19:49	46801 HEPB_T2	0	0	0	0	0	0	0.63	0.63	0	0	0	0	0	0
2/16/2024 19:49	43304 WATS_T2	7	1	-6	0.43	0	-0.43	-0.33	-0.33	0	0	0	0	0	0
2/16/2024 19:49	65901 SAKR_T2	1	1	0	9.5	9.6	0.1	0	0	0	0	0	0	0	0
2/16/2024 19:49	40501 CRES_T2	34	39	5	0.53	0.52	-0.01	0	0	0	0	0	0	0	0
2/16/2024 19:49	64903 MILL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/16/2024 19:49	62604 ENGL_T1	0	0	0	0	0	0	-0.99	-1.05	2	2	0	1200	1200	0
2/16/2024 19:49	58401 MORO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/16/2024 19:49	13302 ORVI_T2	3	3	0	0.13	0.17	0.04	1.48	1.42	0	0	0	0	0	0
2/16/2024 19:49	56501 ROCK_T2	2	4	2	0.65	0.28	-0.37	-3.01	-2.98	0	0	0	0	0	0
2/16/2024 19:49	57401 SPAN_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/16/2024 19:49	64802 MONE_T2	0	0	0	0	0	0	-0.05	-0.05	0	0	0	0	0	0
2/16/2024 19:49	43001 ALWD_T1	10	12	2	0.24	0.29	0.05	0	0	0	0	0	0	0	0
2/16/2024 19:50	54502 ENOL_T2	0	0	0	0	0	0	-1.15	-1.15	1	1	0	600	600	0
2/16/2024 19:50	13704 SCHN_T2	0	0	0	0	0	0	-0.33	-0.33	0	0	0	0	0	0
2/16/2024 19:50	54504 ENOL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/16/2024 19:50	57302 MOAL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/16/2024 19:50	12704 MACU_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/16/2024 19:50	14401 SSLA_T1	0	1	1	0	0	0	0	0	0	0	0	0	0	0
2/16/2024 19:50	43201 MVIL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/16/2024 19:50	60604 NCOL_T2	0	0	0	0	0	0	0.21	0.27	0	0	0	0	0	0
2/16/2024 19:50	40501 CRES_T2	34	39	5	0.53	0.52	-0.01	0	0	0	0	0	0	0	0
2/16/2024 19:50	56503 ROCK_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/16/2024 19:50	47403 PENS_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/16/2024 19:50	41902 REED_T1	9	9	0	0.67	0.2	-0.47	1.19	1.18	0	0	0	0	0	0
2/16/2024 19:50	56801 BENV_T1	8	11	3	0.24	0.53	0.29	-1.26	-1.28	2	2	0	1200	1200	0
2/16/2024 19:50	43301 WATS_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/16/2024 19:51	67505 WEWI_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/16/2024 19:51	66702 STRA_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/16/2024 19:51	56503 ROCK_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/16/2024 19:51	54204 PENN_T2	2	2	0	0.2	0.3	0.1	0	0	0	0	0	0	0	0
2/16/2024 19:51	67001 STHI_T2	106	217	111	0.11	0.13	0.02	0	0	0	0	0	0	0	0
2/16/2024 19:51	54202 PENN_T2	0	0	0	0	0	0	0.58	0.56	0	0	0	0	0	0
2/16/2024 19:51	54503 ENOL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/16/2024 19:51	46301 ROHR_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/16/2024 19:51	40101 HUNT_T2	203	162	-41	0.69	0.53	-0.16	-0.28	-0.38	0	0	0	0	0	0
2/16/2024 19:51	56803 BENV_T1	14	16	2	0.69	0.71	0.02	0	0	0	0	0	0	0	0
2/16/2024 19:51	40502 CRES_T2	24	33	9	0.43	0.46	0.03	-0.69	-0.68	0	0	0	0	0	0
2/16/2024 19:51	60102 COCA_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/16/2024 19:51	15001 BLMO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/16/2024 19:52	56501 ROCK_T2	2	4	2	0.65	0.28	-0.37	-1.5	-1.49	0	0	0	0	0	0
2/16/2024 19:52	53501 EVIL_T2	1	0	-1	0.2	0	-0.2	-0.96	-0.96	1	1	0	600	600	0
2/16/2024 19:52	56803 BENV_T1	14	16	2	0.69	0.71	0.02	0	0	0	0	0	0	0	0
2/16/2024 19:57	43802 SWIL_T1	0	0	0	0	0	0	-0.24	-0.24	1	1	0	600	600	0
2/16/2024 20:01	13501 MCMI_T1	0	0	0	0	0	0	0.32	0.33	0	0	0	0	0	0
2/16/2024 20:07	56503 ROCK_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/16/2024 20:15	54505 ENOL_T2	1	1	0	0.8	0.8	0	0	0	0	0	0	0	0	0
2/16/2024 20:26	65002 NEFF_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/16/2024 20:58	65001 NEFF_T2	175	229	54	0.17	0.28	0.11	-1.23	-1.24	1	1	0	1200	1200	0
2/16/2024 21:03	57403 SPAN_T1	0	0	0	0	0	0	0.12	0.14	0	0	0	0	0	0
2/16/2024 21:14	65004 NEFF_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/16/2024 21:20	54504 ENOL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/16/2024 21:29	65004 NEFF_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/16/2024 22:07	40602 PIGR_T1	0	0	0	0	0	0	0.01	-0.67	1	1	0	600	600	0
2/16/2024 22:09	40602 PIGR_T1	0	0	0	0	0	0	-1.33	-1.31	2	2	0	1200	1200	0
2/16/2024 22:18	52002 LING_T2	1	1	0	0.3	0.6	0.3	0	0	0	0	0	0	0	0
2/16/2024 22:27	65004 NEFF_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/16/2024 23:14	65001 NEFF_T2	9	0	-9	0.14	0	-0.14	-1.43	-1.39	1	1	0	1200	1200	0
2/16/2024 23:29	40501 CRES_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/16/2024 23:41	65001 NEFF_T2	0	18	18	0	0.12	0.12	-1.4	-1.44	1	1	0	1200	1200	0
2/17/2024 0:44	65003 NEFF_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/17/2024 0:54	40502 CRES_T2	3	6	3	0.1	0.15	0.05	-0.29	-0.28	0	0	0	0	0	0
2/17/2024 1:36	65001 NEFF_T2	179	177	-2	0.18	0.21	0.03	-1.45	-1.41	1	1	0	1200	1200	0
2/17/2024 2:18	65001 NEFF_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/17/2024 3:16	65004 NEFF_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/17/2024 3:37	65003 NEFF_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/17/2024 4:14	65005 NEFF_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/17/2024 4:50	65004 NEFF_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/17/2024 5:38	65001 NEFF_T2	0	0	0	0	0	0	-1.34	-1.38	1	1	0	1200	1200	0
2/17/2024 6:51	65001 NEFF_T2	0	0	0	0	0	0	-1.34	-1.19	1	1	0	1200	1200	0
2/17/2024 7:17	65004 NEFF_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/17/2024 7:52	43402 BENT_T1	0	1	1	0	0	0	-0.9	-0.91	1	1	0	900	900	0
2/17/2024 7:56	43402 BENT_T1	0	1	1	0	0	0	-0.91	-0.9	1	1	0	900	900	0
2/17/2024 7:59	65004 NEFF_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/17/2024 8:01	25404 LAHA_T2	0	0	0	0	0	0	0	0	0	0	0	0

2/17/2024 9:01	42401 GIMA_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/17/2024 9:01	10805 CHHI_T2	1	1	0	7.6	7.9	0.3	-0.54	-0.52	0	0	0	0	0	0
2/17/2024 9:06	40101 HUNT_T2	50	140	90	0.61	0.55	-0.06	-0.5	-0.28	0	0	0	0	0	0
2/17/2024 9:07	60801 BUCK_T1	0	0	0	0	0	0	-0.83	-0.82	1	1	0	600	600	0
2/17/2024 9:07	47101 MARL_T1	4	6	2	0.63	0.34	-0.29	-0.49	-0.49	0	0	0	0	0	0
2/17/2024 9:07	40502 CRES_T2	2	7	5	0.1	0.3	0.2	-0.62	-0.62	0	0	0	0	0	0
2/17/2024 9:07	53501 EVIL_T2	8	7	-1	0.85	0.2	-0.65	-0.62	-0.59	0	0	0	0	0	0
2/17/2024 9:08	42902 MIDD_T2	8	9	1	0.14	0.13	-0.01	0	0	0	0	0	0	0	0
2/17/2024 9:08	49803 UNIV_T1	0	0	0	0	0	0	-0.99	-1.02	0	0	0	0	0	0
2/17/2024 9:09	46203 DANV_T2	0	0	0	0	0	0	-1.27	-1.3	0	0	0	0	0	0
2/17/2024 9:09	24902 WHHA_T1	3	5	-2	1.37	1.3	-0.07	0.46	0.43	0	0	0	0	0	0
2/17/2024 9:09	40502 CRES_T2	2	7	5	0.1	0.3	0.2	-0.62	-0.63	0	0	0	0	0	0
2/17/2024 9:10	46204 DANV_T2	6	5	-1	0.38	0.1	-0.28	0	0	0	0	0	0	0	0
2/17/2024 9:10	43401 BENT_T1	1	1	0	1.4	0.7	-0.7	0	0	0	0	0	0	0	0
2/17/2024 9:11	40501 CRES_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/17/2024 9:11	43402 BENT_T1	1	0	-1	0.1	0	-0.1	-0.92	-0.92	1	1	0	900	900	0
2/17/2024 9:14	46201 DANV_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/17/2024 9:14	43201 MVIL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/17/2024 9:14	25404 LAHA_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/17/2024 9:15	43201 MVIL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/17/2024 9:19	49803 UNIV_T1	0	0	0	0	0	0	-0.99	-1.02	0	0	0	0	0	0
2/17/2024 9:23	59101 WALK_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/17/2024 9:24	40502 CRES_T2	7	6	-1	0.3	0.2	-0.1	-0.63	-0.62	0	0	0	0	0	0
2/17/2024 9:24	59102 WALK_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/17/2024 9:25	11104 EGYP_T1	4	1	-3	0.48	0	-0.48	0.37	0.33	0	0	0	0	0	0
2/17/2024 9:25	29402 BELT_T1	1	10	9	5.5	0.72	-4.78	0	0	0	0	0	0	0	0
2/17/2024 9:26	53601 DALM_T2	1	0	-1	0.2	0	-0.2	-0.03	-0.02	0	0	0	0	0	0
2/17/2024 9:27	41802 GOCI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/17/2024 9:33	48303 ORWI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/17/2024 9:35	65601 QVIL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/17/2024 9:35	66703 STRA_T1	0	0	0	0	0	0	0	0.02	0	0	0	0	0	0
2/17/2024 9:36	42204 SHEN_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/17/2024 9:38	59001 MIFF_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/17/2024 9:47	41901 REED_T1	3	7	4	0.27	0.33	0.06	0	0	0	0	0	0	0	0
2/17/2024 9:50	65901 SAKR_T2	1	1	0	8	8	0	-1.29	-1.3	1	1	0	900	900	0
2/17/2024 9:50	56501 ROCK_T2	131	228	97	0.26	0.34	0.08	0	0	0	0	0	0	0	0
2/17/2024 9:53	43303 WATS_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/17/2024 9:54	46201 DANV_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/17/2024 9:54	43301 WATS_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/17/2024 9:54	29402 BELT_T1	10	18	8	0.72	0.51	-0.21	0	0	0	0	0	0	0	0
2/17/2024 9:55	29401 BELT_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/17/2024 9:57	11103 EGYP_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/17/2024 9:59	46204 DANV_T2	1	2	1	0.1	0.1	0	0	0	0	0	0	0	0	0
2/17/2024 10:01	57306 MOAL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/17/2024 10:04	43202 MVIL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/17/2024 10:05	46301 ROHR_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/17/2024 10:05	56503 ROCK_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/17/2024 10:06	65904 SAKR_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/17/2024 10:06	56501 ROCK_T2	157	224	67	0.32	0.33	0.01	-2.16	-2.11	0	0	0	0	0	0
2/17/2024 10:07	65901 SAKR_T2	1	1	0	8	8	0	-1.3	-1.29	1	1	0	900	900	0
2/17/2024 10:08	46702 RENO_T1	0	0	0	0	0	0	-0.14	-0.14	0	0	0	0	0	0
2/17/2024 10:09	46202 DANV_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/17/2024 10:11	46204 DANV_T2	1	5	4	0.1	0.2	0.1	0	0	0	0	0	0	0	0
2/17/2024 10:11	20401 ASHF_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/17/2024 10:11	28602 BLYT_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/17/2024 10:12	46204 DANV_T2	1	5	4	0.1	0.2	0.1	0	0	0	0	0	0	0	0
2/17/2024 10:14	27102 GFLD_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/17/2024 10:16	12701 MACU_T1	0	0	0	0	0	0	-1.05	-1.05	1	1	0	1200	1200	0
2/17/2024 10:17	13302 ORVI_T2	11	11	0	0.21	0.2	-0.01	1.17	1.2	0	0	0	0	0	0
2/17/2024 10:17	40601 PIGR_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/17/2024 10:19	40602 PIGR_T1	0	1	1	0	0.1	0.1	-1.77	-1.83	1	1	0	600	600	0
2/17/2024 10:19	56501 ROCK_T2	220	190	-30	0.34	0.27	-0.07	-2.11	-2.09	0	0	0	0	0	0
2/17/2024 10:19	40603 PIGR_T1	0	0	0	0	0	0	0.71	0.71	0	0	0	0	0	0
2/17/2024 10:20	56501 ROCK_T2	220	190	-30	0.34	0.27	-0.07	-2.11	-2.09	0	0	0	0	0	0
2/17/2024 10:20	48302 ORWI_T2	2	2	0	0.35	0.45	0.1	-0.51	-0.56	0	0	0	0	0	0
2/17/2024 10:22	56501 ROCK_T2	220	190	-30	0.34	0.27	-0.07	-2.11	-2.09	0	0	0	0	0	0
2/17/2024 10:24	40603 PIGR_T1	0	0	0	0	0	0	0.35	0.34	0	0	0	0	0	0
2/17/2024 10:26	17803 GILB_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/17/2024 10:26	10805 CHHI_T2	6	7	1	1.67	7.9	6.23	-1.01	-0.9	0	0	0	0	0	0
2/17/2024 10:27	17804 GILB_T2	0	1	1	0	0.2	0.2	0	0	0	0	0	0	0	0
2/17/2024 10:28	17801 GILB_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/17/2024 10:30	13903 SEID_T1	0	0	0	0	0	0	-0.02	-0.03	1	1	0	600	600	0
2/17/2024 10:33	13302 ORVI_T2	10	12	2	0.21	0.15	-0.06	1.2	1.18	0	0	0	0	0	0
2/17/2024 10:35	16302 ALPA_T2	0	0	0	0	0	0	-0.72	-0.77	0	0	0	0	0	0
2/17/2024 10:35	64101 REFR_T1	0	1	1	0	0	0	0.03	0	0	0	0	0	0	0
2/17/2024 10:35	67304 TEHI_T2	0	0	0	0	0	0	-0.15	-0.16	0	0	0	0	0	0
2/17/2024 10:36	43304 WATS_T2	24	0	-24	0.53	0	-0.53	-0.75	-0.79	0	0	0	0	0	0
2/17/2024 10:36	43303 WATS_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/17/2024 10:36	14402 SSLA_T1	2	2	0	0.9	0.2	-0.7	0	0	0	0	0	0	0	0
2/17/2024 10:37	16302 ALPA_T2	0	0	0	0	0	0	-0.72	-0.77	0	0	0	0	0	0
2/17/2024 10:38	29401 BELT_T1	0	0	0	0	0	0	0	0	3	3	0	2700	2700	0
2/17/2024 10:39	20402 ASHF_T2	24	10	-14	0.42	0.82	0.4	0	0	0	0	0	0	0	0
2/17/2024 10:39	45501 DERR_T2	0	0	0	0	0	0	-0.88	-0.8	2	2	0	1800	1800	0
2/17/2024 10:39	13503 MCMI_T2	0	0	0	0	0	0	-0.69	-0.68	0	0	0	0	0	0
2/17/2024 10:40	13902 SEID_T1	0	1	1	0	0.1	0.1	0	0	0	0	0	0	0	0
2/17/2024 10:40	20402 ASHF_T2	24	10	-14	0.42	0.82	0.4	0	0	0	0	0	0	0	0
2/17/2024 10:40	16302 ALPA_T2	0	0	0	0	0	0	-1.54	-1.52	0	0	0	0	0	0
2/17/2024 10:40	46204 DANV_T2	4	18	14	0.28	0.15	-0.13	0	0	0	0	0	0	0	0
2/17/2024 10:42	43303 WATS_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/17/2024 10:44	40903 JESH_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/17/2024 10:45	26401 INOR_T1	0	2	2	0	0.3	0.3	-0.01	0.15	0	0	0	0	0	0
2/17/2024 10:46	43202 MVIL_T2	0	0	0	0	0	0	-0.65	-0.65	0	0	0	0	0	0
2/17/2024 10:46	66502 SMAN_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/17/2024 10:47	58402 MORO_T1	0	0	0	0	0	0	-0.44	-0.39	2	2	0	1500	1500	0
2/17/2024 10:48	42901 MIDD_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/17/2024 10:49	46701 RENO_T1	19	61	42	0.54	0.34	-0.2	0	0	0	0	0	0	0	0
2/17/2024 10:49	66703 STRA_T1	0	0	0	0	0	0	-0.02	-0.05	0	0	0	0	0	0
2/17/2024 10:49	57403 SPAN_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/17/2024 10:51	44302 BEAV_T2	2	19	17	0.1	0.16	0.06	0	0	0	0	0	0	0	0
2/17/2024 10:51	57403 SPAN_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/17/2024 10:52	10801 CHHI_T1	0	0	0	0	0	0	-0.77	-0.72	1	1	0	900	900	0
2/17/2024 10:52	57401 SPAN_T1	0	0	0	0	0	0	-0.95	-1.02	1	1	0	600	600	0
2/17/2024 10:53	49803 UNIV_T1	0	0	0	0	0	0	-0.99	-1.01	0	0	0	0	0	0
2/17/2024 10:55	25503 MADI_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/17/2024 10:57	45802 HEGI_T2	0	0	0	0	0	0	0.17	0.36	0	0	0	0	0	0
2/17/2024 10:57	51108 CARL_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/17/2024 10:57	40101 HUNT_T2	157	76	-81	0.58	0.61	0.03	-0.8	-0.91	0	0	0	0	0	0
2/17/2024 10:58	51107 CARL_T1	0	0	0	0	0	0	-0.65	-0.53	0	0	0	0	0	0
2/17/2024 11:00	13501 MCMI_T1	0	0	0	0	0	0	0.33	0.3	0	0	0	0	0	0
2/17/2024 11:02	65001 NEFF_T2	0	0	0	0	0	0	-1.15	-1.14	1	1	0	1200	1200	0
2/17/2024 11:02	40101 HUNT_T2	31	130	99	0.62	0.57	-0.05	-0.8	-0.91	0	0	0	0	0	0
2/17/2024 11:03	56503 ROCK_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/17/2024 11:03	65004 NEFF_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/17/2024 11:04	59302 MCAL_T1	0	0	0	0	0	0	-0.7	-0.67	1	1	0	600	600	0
2/17/2024 11:06	43402 BENT_T1	0	0	0	0	0	0	-0.93	-0.92	1	1	0	900	900	0
2/17/2024 11:06	56504 ROCK_T2	1	1	0	0.3	0.7	0.4	0	0	0	0	0	0	0	0
2/17/2024 11:06	40303 TAMA_T3	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/17/2024 11:07	67902 WNHO_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/17/2024 11:07	40603 PIGR_T1	1	0	-1	0.4	0	-0.4	0	0	0	0	0	0	0	0
2/17/2024 11:08	10801 CHHI_T1	0	0	0	0	0	0	-1.42	-1.4	1	2	1	900	1500	600
2/17/2024 11:09	43401 BENT_T1	0	2	2	0	0	0	0	0	0	0	0	0	0	0
2/17/2024 11:09	14404 SSLA_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/17/2024 11:10	24901 WHHA_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/17/2024 11:11	28703 HAML_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/17/2024 11:14	65002 NEFF_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/17/2024 11:16	42901 MIDD_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/17/2024 11:16	64801 MONE_T2	0	0	0	0	0	0	-0.22	-0.24	0	0	0	0	0	0
2/17/2024 11:16	13302 ORVI_T2	15	30	15	0.22	0.25	0.03	1.18	1.04	0	0	0	0	0	0
2/17/2024 11:16	65502 MOJO_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/17/2024 11:17	13302 ORVI_T2	15	30	15	0.22	0.25	0.03	1.18	1.04	0	0	0	0	0	0
2/17/2024 11:18	13302 ORVI_T2	15	30	15	0.22	0.25	0.03	2.36	2.08	0	0	0	0	0	0
2/17/2024 11:18	43108 SMIL_T2	0	0	0	0	0	0	0.3	0.32	0	0	0	0	0	0
2/17/2024 11:18	65502 MOJO_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/17/2024 11:22	44301 BEAV_T2	2	1	-1	0.15	0.4	0.25	0	0	0	0	0	0	0	0
2/17/2024 11:24	61306 EARL_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/17/2024 11:24	43102 SMIL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/17/2024 11:24	29401 BELT_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/17/2024 11:24	41602 CLEV_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/17/2024 11:26	17804 GILB_T2	0	0	0	0	0	0	-0.49	-0.5	0	0	0	0	0	0
2/17/2024 11:27	41602 CLEV_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/17/2024 11:30	52002 LING_T2	0	0	0	0	0	0	-0.1	-0.02	0	0	0	0	0	0
2/17/2024 11:30	64202 KINZ_T1	2	2	0	0.15	0.25	0.1	0	0	0	0	0	0	0	0
2/17/2024 11:32	52006 LING_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/17/2024 11:32	13302 ORVI_T2	29	15	-14	0.24	0.25	0.01	2.08	2.25	0	0	0	0	0	0
2/17/2024 11:32	13503 MCMI_T2	0	0	0	0	0	0	-0.7	-0.73	0	0	0	0	0	0
2/17/2024 11:33	40602 PIGR_T1	0	0	0	0	0	0	-1.75	-1.73	1	1	0	600	600	0
2/17/2024 11:33	56503 ROCK_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/17/2024 11:33	52006 LING_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/17/2024 11:33	13904 SEID_T1	40	66	26	0.99	0.93	-0.06	0	0	0	0	0	0	0	0
2/17/2024 11:34	65903 SAKR_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/17/2024 11:34	13302 ORVI_T2	29	15	-14	0.24	0.25	0.01	2.08	2.25	0	0	0	0	0	0
2/17/2024 11:34	56501 ROCK_T2	69	14	-55	0.19	0.24	0.05	-4.07	-4	0	0	0	0	0	0
2/17/2024 11:35	14402 SSLA_T1	1	1	0	1	0.8	-0.2	0	0	0	0	0	0	0	0
2/17/2024 11:35	56504 ROCK_T2	1	1	0	0.8	0.9	0.1	0	0	0	0	0	0	0	0
2/17/2024 11:36	56501 ROCK_T2	69	14	-55	0.19	0.24	0.05	-2.04	-2	0	0	0	0	0	0
2/17/2024 11:36	65904 SAKR_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/17/2024 11:37	56504 ROCK_T2	1	1	0	0.8	0.9	0.1	0.01	0	0	0	0	0	0	0
2/17/2024 11:37	56501 ROCK_T2	69	14	-55	0.19	0.24	0.05	-2.04	-2	0	0	0	0	0	0
2/17/2024 11:37	60803 BUCK_T1	0	0	0	0	0	0	-1.18	-1.16	1	1	0	600	600	0
2/17/2024 11:38	14402 SSLA_T1	1	1	0	1	0.8	-0.2	0	0	0	0	0	0	0	0
2/17/2024 11:38	59002 MIFF_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/17/2024 11:38	67906 WNHO_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/17/2024 11:38	56503 ROCK_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/17/2024 11:38	40303 TAMA_T3	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/17/2024 11:40	20403 ASHF_T2	0	0	0	0	0	0	0.45	0.4	0	0	0	0	0	0
2/17/2024 11:40	61303 EARL_T1	0	0	0	0	0	0	0.05	0	0	0	0	0	0	0
2/17/2024 11:40	29401 BELT_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/17/2024 11:41	29402 BELT_T1	2	2	0	3.75	5	1.25	0	0	0	0	0	0	0	0
2/17/2024 11:41	28601 BLYT_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/17/2024 11:41	60803 BUCK_T1	0	0	0	0	0	0	-1.16	-1.18	1	1	0	600	600	0
2/17/2024 11:41	29401 BELT_T1	0	0	0	0	0	0	0	0	3	3	0	2700	2700	0
2/17/2024 11:43	40101 HUNT_T2	129	128	-1	0.68	0.55	-0.13	-0.52	-0.5	0	0	0	0	0	0
2/17/2024 11:44	63602 LETO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/17/2024 11:44	40101 HUNT_T2	129	128	-1	0.68	0.55	-0.13	-1.04	-1	0	0	0	0	0	0
2/17/2024 11:45	65002 NEFF_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/17/2024 11:46	55001 NEWP_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/17/2024 11:46	59301 MCAL_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/17/2024 11:47	65503 MOJO_T2	0	0	0	0	0	0	-1.5	-1.49	1	1	0	900	900	0
2/17/2024 11:47	13502 MCMI_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/17/2024 11:47	43202 MVIL_T2	0	0	0	0	0	0	-1.26	-1.16	0	0	0	0	0	0
2/17/2024 11:48	55002 NEWP_T1	0	1	1	0	0.1	0.1	-0.21	-0.22	0	0	0	0	0	0
2/17/2024 11:48	13503 MCMI_T2	0	0	0	0	0	0	-0.73	-0.67	0	0	0	0	0

2/17/2024 12:05	43202 MVIL_T2	0	0	0	0	0	0	-0.58	-0.63	0	0	0	0	0	0
2/17/2024 12:05	43201 MVIL_T2	1	1	0	0.9	0	-0.9	-0.35	-0.36	0	0	0	0	0	0
2/17/2024 12:06	14401 SSLA_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/17/2024 12:06	49803 UNIV_T1	0	0	0	0	0	0	-2.05	-1.97	0	0	0	0	0	0
2/17/2024 12:07	24901 WHHA_T1	0	3	3	0	5.5	5.5	0	0	0	0	0	0	0	0
2/17/2024 12:07	28601 BLYT_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/17/2024 12:07	55001 NEWP_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/17/2024 12:07	65603 OVIL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/17/2024 12:07	14404 SSLA_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/17/2024 12:07	49804 UNIV_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/17/2024 12:10	67906 WNHO_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/17/2024 12:11	61301 EARL_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/17/2024 12:14	46803 HEPB_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/17/2024 12:16	65502 MOJO_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/17/2024 12:18	13502 MCMI_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/17/2024 12:19	65502 MOJO_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/17/2024 12:19	40301 TAMA_T3	1	3	2	0	0.55	0.55	0	0	0	0	0	0	0	0
2/17/2024 12:21	43105 SMIL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/17/2024 12:22	43104 SMIL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/17/2024 12:22	20402 ASHF_T2	4	4	0	0.4	0.4	0	0	0	0	0	0	0	0	0
2/17/2024 12:24	20403 ASHF_T2	0	0	0	0	0	0	0.38	0.39	0	0	0	0	0	0
2/17/2024 12:26	40101 HUNT_T2	122	124	2	0.6	0.49	-0.11	-0.48	-0.44	0	0	0	0	0	0
2/17/2024 12:28	40101 HUNT_T2	122	124	2	0.6	0.49	-0.11	-0.48	-0.44	0	0	0	0	0	0
2/17/2024 12:29	26402 INOR_T1	0	1	1	0	0.2	0.2	0	0	0	0	0	0	0	0
2/17/2024 12:31	13903 SEID_T1	0	0	0	0	0	0	-0.03	-0.05	1	1	0	600	600	0
2/17/2024 12:31	20401 ASHF_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/17/2024 12:31	43202 MVIL_T2	0	1	1	0	0	0	-0.63	-0.6	0	0	0	0	0	0
2/17/2024 12:31	40101 HUNT_T2	106	260	154	0.59	0.5	-0.09	-0.48	-0.44	0	0	0	0	0	0
2/17/2024 12:31	43201 MVIL_T2	0	0	0	0	0	0	-0.35	-0.35	0	0	0	0	0	0
2/17/2024 12:32	65003 NEFF_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/17/2024 12:33	44901 SCOT_T2	0	0	0	0	0	0	-0.51	-0.43	0	0	0	0	0	0
2/17/2024 12:34	56503 ROCK_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/17/2024 12:34	43202 MVIL_T2	0	1	1	0	0	0	-0.63	-0.6	0	0	0	0	0	0
2/17/2024 12:35	56503 ROCK_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/17/2024 12:35	56503 ROCK_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/17/2024 12:35	66303 MCGO_T2	1	1	0	0.4	0.3	-0.1	0	0	0	0	0	0	0	0
2/17/2024 12:35	43201 MVIL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/17/2024 12:36	40601 PIGR_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/17/2024 12:36	44901 SCOT_T2	0	0	0	0	0	0	-0.51	-0.43	0	0	0	0	0	0
2/17/2024 12:36	65801 RTWN_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/17/2024 12:37	56503 ROCK_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/17/2024 12:37	65801 RTWN_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/17/2024 12:41	40602 PIGR_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/17/2024 12:43	56501 ROCK_T2	21	9	-12	0.22	0.24	0.02	-2.12	-2.09	0	0	0	0	0	0
2/17/2024 12:53	29402 BELT_T1	4	3	-1	1.53	2.1	0.57	0	0	0	0	0	0	0	0
2/17/2024 12:54	29401 BELT_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/17/2024 12:55	29402 BELT_T1	4	3	-1	1.53	2.1	0.57	0	0	0	0	0	0	0	0
2/17/2024 12:58	12304 LANA_T2	2	0	-2	0.75	0	-0.75	0	0	0	0	0	0	0	0
2/17/2024 13:00	29401 BELT_T1	0	0	0	0	0	0	0	0	3	3	0	2700	2700	0
2/17/2024 13:01	13501 MCMI_T1	0	0	0	0	0	0	0.33	0.35	0	0	0	0	0	0
2/17/2024 13:02	12304 LANA_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/17/2024 13:02	55002 NEWP_T1	1	3	2	0.1	0.27	0.17	-0.21	-0.22	0	0	0	0	0	0
2/17/2024 13:03	43202 MVIL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/17/2024 13:04	55001 NEWP_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/17/2024 13:04	14403 SSLA_T1	2	4	2	0.15	0	-0.15	0.05	0	1	1	0	600	600	0
2/17/2024 13:20	65003 NEFF_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/17/2024 13:25	29401 BELT_T1	0	0	1	0	0	0	0	0	1	1	0	900	900	0
2/17/2024 13:27	17804 GILB_T2	0	0	0	0	0	0	-0.48	-0.47	0	0	0	0	0	0
2/17/2024 13:35	14403 SSLA_T1	0	0	0	0	0	0	-0.01	0.03	1	1	0	600	600	0
2/17/2024 13:35	42601 TUSC_T1	0	0	0	0	0	0	-1.52	-1.41	2	2	0	1800	1800	0
2/17/2024 13:36	42601 TUSC_T1	0	0	0	0	0	0	-1.52	-1.41	2	2	0	1800	1800	0
2/17/2024 13:42	29401 BELT_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/17/2024 13:46	65004 NEFF_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/17/2024 13:50	43104 SMIL_T2	0	0	0	0	0	0	-0.73	-0.72	1	1	0	300	300	0
2/17/2024 13:51	43106 SMIL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/17/2024 13:53	43102 SMIL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/17/2024 13:56	29401 BELT_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/17/2024 13:59	28702 HAML_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/17/2024 13:59	46803 HEPB_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/17/2024 14:01	46803 HEPB_T2	0	2	2	0	1	1	0.67	-0.37	0	0	0	0	0	0
2/17/2024 14:04	13503 MCMI_T2	0	0	0	0	0	0	-0.68	-0.69	0	0	0	0	0	0
2/17/2024 14:05	67402 WAKE_T2	0	0	0	0	0	0	-0.41	-0.37	1	1	0	600	600	0
2/17/2024 14:06	67401 WAKE_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/17/2024 14:07	43104 SMIL_T2	0	0	0	0	0	0	-0.72	-0.68	1	1	0	300	300	0
2/17/2024 14:07	49803 UNIV_T1	0	0	0	0	0	0	-0.93	-1.03	0	0	0	0	0	0
2/17/2024 14:08	29401 BELT_T1	0	0	0	0	0	0	0	0	3	3	0	2700	2700	0
2/17/2024 14:08	29402 BELT_T1	1	7	6	4.7	0.83	-3.87	0	0	0	0	0	0	0	0
2/17/2024 14:09	40502 CRES_T2	7	14	7	0.31	0.21	-0.1	-1.73	-1.7	0	0	0	0	0	0
2/17/2024 14:10	40502 CRES_T2	7	14	7	0.31	0.21	-0.1	-1.73	-1.7	0	0	0	0	0	0
2/17/2024 14:10	67402 WAKE_T2	0	0	0	0	0	0	-0.37	-0.36	1	1	0	600	600	0
2/17/2024 14:11	40502 CRES_T2	7	14	7	0.31	0.21	-0.1	-4.34	-4.24	0	0	0	0	0	0
2/17/2024 14:12	29402 BELT_T1	1	7	6	4.7	0.83	-3.87	0	0	0	0	0	0	0	0
2/17/2024 14:12	40501 CRES_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/17/2024 14:12	22602 KIMB_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/17/2024 14:13	40502 CRES_T2	7	14	7	0.31	0.21	-0.1	-3.47	-3.39	0	0	0	0	0	0
2/17/2024 14:13	26401 INOR_T1	17	31	14	0.28	0.26	-0.02	0	0	0	0	0	0	0	0
2/17/2024 14:13	29401 BELT_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/17/2024 14:14	13503 MCMI_T2	0	0	0	0	0	0	-0.69	-0.73	0	0	0	0	0	0
2/17/2024 14:14	40903 JESH_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/17/2024 14:14	13502 MCMI_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/17/2024 14:14	40502 CRES_T2	7	14	7	0.31	0.21	-0.1	-0.87	-0.85	0	0	0	0	0	0
2/17/2024 14:14	46801 HEPB_T2	0	2	2	0	1	1	-0.37	-0.38	0	0	0	0	0	0
2/17/2024 14:15	40502 CRES_T2	4	14	10	0.13	0.21	0.08	-0.87	-0.85	0	0	0	0	0	0
2/17/2024 14:15	26401 INOR_T1	31	7	-24	0.26	0.33	0.07	0	0	0	0	0	0	0	0
2/17/2024 14:15	42901 MIDD_T2	93	144	51	0.25	0.3	0.05	0	0	0	0	0	0	0	0
2/17/2024 14:16	65003 NEFF_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/17/2024 14:17	46801 HEPB_T2	2	2	0	1	1	0	-0.37	-0.38	0	0	0	0	0	0
2/17/2024 14:17	48303 ORWI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/17/2024 14:17	45703 LIND_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/17/2024 14:17	65503 MOJO_T2	3	0	-3	0.1	0	-0.1	-1.51	-1.49	1	1	0	900	900	0
2/17/2024 14:18	42902 MIDD_T2	62	72	10	0.41	0.44	0.03	-0.6	-0.6	0	0	0	0	0	0
2/17/2024 14:18	42902 MIDD_T2	62	72	10	0.41	0.44	0.03	-0.6	-0.6	0	0	0	0	0	0
2/17/2024 14:19	65503 MOJO_T2	3	0	-3	0.1	0	-0.1	-1.51	-1.49	1	1	0	900	900	0
2/17/2024 14:20	56501 ROCK_T2	27	54	27	0.2	0.16	-0.04	-2.13	-2.12	0	0	0	0	0	0
2/17/2024 14:20	56501 ROCK_T2	27	54	27	0.2	0.16	-0.04	-2.13	-2.12	0	0	0	0	0	0
2/17/2024 14:21	67902 WNHO_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/17/2024 14:21	14403 SSLA_T1	0	5	5	0	0	0	0.09	0.07	1	1	0	600	600	0
2/17/2024 14:21	56504 ROCK_T2	1	0	-1	0.5	0.5	-0.5	0	0	0	0	0	0	0	0
2/17/2024 14:21	67201 TEHI_T1	30	102	72	0.17	0.46	0.29	0.01	0	0	0	0	0	0	0
2/17/2024 14:21	44302 BEAV_T2	198	208	10	0.46	0.48	0.02	0	0	0	0	0	0	0	0
2/17/2024 14:21	48302 ORWI_T2	2	2	0	0.75	0.9	0.15	-0.61	-0.63	0	0	0	0	0	0
2/17/2024 14:22	14401 SSLA_T1	3	2	-1	0.2	0	-0.2	0	0	0	0	0	0	0	0
2/17/2024 14:22	56504 ROCK_T2	1	0	-1	0.5	0	-0.5	0	0	0	0	0	0	0	0
2/17/2024 14:23	49804 UNIV_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/17/2024 14:23	29401 BELT_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/17/2024 14:23	14401 SSLA_T1	3	2	-1	0.2	0	-0.2	0	0	0	0	0	0	0	0
2/17/2024 14:23	40502 CRES_T2	4	14	10	0.13	0.21	0.08	-0.85	-0.87	0	0	0	0	0	0
2/17/2024 14:23	56504 ROCK_T2	1	0	-1	0.5	0	-0.5	0	0	0	0	0	0	0	0
2/17/2024 14:24	29401 BELT_T1	0	0	0	0	0	0	0	0	3	3	0	2700	2700	0
2/17/2024 14:24	24902 WHHA_T1	2	4	2	0.4	0.4	0	0.45	0.45	0	0	0	0	0	0
2/17/2024 14:24	29402 BELT_T1	1	7	6	4.2	1.01	-3.19	0	0	0	0	0	0	0	0
2/17/2024 14:25	25503 MADI_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/17/2024 14:25	46206 DANV_T2	2	4	2	0.75	0.6	-0.15	0	0	0	0	0	0	0	0
2/17/2024 14:25	40501 CRES_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/17/2024 14:26	46205 DANV_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/17/2024 14:26	40501 CRES_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/17/2024 14:26	60701 BREC_T1	1	3	2	0.1	0.4	0.3	-0.49	-0.49	1	1	0	600	600	0
2/17/2024 14:26	44301 BEAV_T2	13	14	1	0.45	0.42	-0.03	0	0	0	0	0	0	0	0
2/17/2024 14:27	40502 CRES_T2	4	14	10	0.13	0.21	0.08	-2.55	-2.61	0	0	0	0	0	0
2/17/2024 14:27	46204 DANV_T2	22	25	3	0.25	0.23	-0.02	0	0	0	0	0	0	0	0
2/17/2024 14:27	46203 DANV_T2	0	0	0	0	0	0	-2.47	-2.5	0	0	0	0	0	0
2/17/2024 14:27	47002 HUGH_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/17/2024 14:28	40501 CRES_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/17/2024 14:28	46201 DANV_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/17/2024 14:28	40101 HUNT_T2	4	4	0	0.78	0	-0.78	-0.49	-0.51	0	0	0	0	0	0
2/17/2024 14:28	29401 BELT_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/17/2024 14:29	46206 DANV_T2	2	4	2	0.75	0.6	-0.15	0	0	0	0	0	0	0	0
2/17/2024 14:29	26402 INOR_T1	32	25	-7	0.47	0.33	-0.14	-1.05	-1.05	1	1	0	600	600	0
2/17/2024 14:30	13501 MCMI_T1	0	0	0	0	0	0	0.29	0.31	0	0	0	0	0	0
2/17/2024 14:30	28703 HAML_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/17/2024 14:30	46801 HEPB_T2	2	2	0	1	1	0	-0.38	-0.37	0	0	0	0	0	0
2/17/2024 14:30	47001 HUGH_T2	0	1	1	0	0.1	0.1	-1.69	-1.7	1	1	0	900	900	0
2/17/2024 14:30	13503 MCMI_T2	0	0	0	0	0	0	-0.73	-0.72	0	0	0	0	0	0
2/17/2024 14:31	13502 MCMI_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/17/2024 14:31	40101 HUNT_T2	0	26	26	0	0.63	0.63	-0.49	-0.51	0	0	0	0	0	0
2/17/2024 14:31	26401 INOR_T1	7	3	-4	0.33	0.13	-0.2	0	0	0	0	0	0	0	0
2/17/2024 14:32	65002 NEFF_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/17/2024 14:32	46702 RENO_T1	101	142	41	0.29	0.34	0.05	0	0	0	0	0	0	0	0
2/17/2024 14:32	56504 ROCK_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/17/2024 14:32	48302 ORWI_T2	2	2	0	0.9	0.85	-0.05	-0.63	-0.6	0	0	0	0	0	0
2/17/2024 14:33	46803 HEPB_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/17/2024 14:33	44903 SCOT_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/17/2024 14:33	13502 MCMI_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/17/2024 14:33	40101 HUNT_T2	0	26	26	0	0.63	0.63	-0.98	-1.02	0	0	0	0	0	0
2/17/2024 14:33	45703 LIND_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/17/2024 14:34	44902 SCOT_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/17/2024 14:34	44904 SCOT_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/17/2024 14:35	66502 SMAN_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/17/2024 14:35	57403 SPAN_T1	0	0	0	0	0	0	0.14	0.13	0	0	0	0	0	0
2/17/2024 14:35	48303 ORWI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/17/2024 14:36	44901 SCOT_T2	0	0	0	0	0	0	-0.55	-0.58	0	0	0	0	0	0
2/17/2024 14:36	56504 ROCK_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/17/2024 14:36	67401 WAKE_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/17/2024 14:36	67503 WEWI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/17/2024 14:36	40601 PIGR_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/17/2024 14:37	67906 WNHO_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/17/2024 14:37	67402 WAKE_T2	0	0	0	0	0	0	-0.36	-0.34	1	1	0	600	600	0
2/17/2024 14:37	46701 RENO_T1	176	191	15	0.39	0.48	0.09	0	0	0	0	0	0	0	0
2/17/2024 14:38	44905 SCOT_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/17/2024 14:38	29401 BELT_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/17/2024 14:38	44301 BEAV_T2	13	12	-1	0.42	0.47	0.05	-2.05	-2.02	2	2	0	1200	1200	0
2/17/2024 14:38	56503 ROCK_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/17/2024 14:38	67603 WARW_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/17/2024 14:38	67503 WEWI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/17/2024 14:39	67502 WEWI_T2	0	0	0	0	0	0	-1.55	-1.52	1	1	0	900	900	0
2/17/2024 14:39	29402 BELT_T1	7	2	-5	1.01	3.1	2.09	0	0	0	0	0	0	0	0
2/17/2024 14:39	29402 BELT_T1	7	2	-5	1.01	3.1	2.09	0	0	0	0	0	0	0	0
2/17/2024 14:39	49804 UNIV_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/17/2024 14:39	57401 SPAN_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/17/2024 14:40	29402 BELT_T1	7	2	-5	1.01	3.1	2.09	0	0	0	0	0	0	0	0
2/17/2024 14:40	46205 DANV_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/17/2024 14:40	67503 WEWI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/17/2024 14:41	28703 HAML_T2	0	0	0	0	0	0	0

2/17/2024 14:57	60801 BUCK_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
2/17/2024 14:58	67402 WAKE_T2	0	0	0	0	0	0	-0.35	-0.34	1	1	0	600	600
2/17/2024 14:58	17802 GILB_T1	0	0	0	0	0	0	-0.02	0.02	0	0	0	0	0
2/17/2024 14:59	17802 GILB_T1	0	0	0	0	0	0	-0.02	0.02	0	0	0	0	0
2/17/2024 15:00	40901 JESH_T1	1	1	0	1.2	0.8	-0.4	0	0	0	0	0	0	0
2/17/2024 15:02	13503 MCMI_T2	0	0	0	0	0	0	-0.69	-0.69	0	0	0	0	0
2/17/2024 15:03	44601 SALE_T2	0	0	0	0	0	0	-0.17	-0.16	0	0	0	0	0
2/17/2024 15:04	65002 NEFF_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
2/17/2024 15:05	17801 GILB_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
2/17/2024 15:06	24902 WHHA_T1	2	2	0	0.35	0.65	0.3	0.48	0.44	0	0	0	0	0
2/17/2024 15:07	44601 SALE_T2	0	0	0	0	0	0	-0.17	-0.16	0	0	0	0	0
2/17/2024 15:08	59002 MIFF_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
2/17/2024 15:08	60201 ATGL_T2	0	0	0	0	0	0	0.02	-0.09	1	1	0	300	300
2/17/2024 15:10	20403 ASHF_T2	0	0	0	0	0	0	0.44	0.41	0	0	0	0	0
2/17/2024 15:13	40101 HUNT_T2	26	25	-1	0.45	0.41	-0.04	-0.46	-0.46	0	0	0	0	0
2/17/2024 15:15	40101 HUNT_T2	14	24	10	0.59	0.44	-0.15	-0.92	-0.92	0	0	0	0	0
2/17/2024 15:16	40101 HUNT_T2	14	24	10	0.59	0.44	-0.15	-0.92	-0.92	0	0	0	0	0
2/17/2024 15:16	46803 HEPB_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
2/17/2024 15:18	40602 PIGR_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
2/17/2024 15:19	40602 PIGR_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
2/17/2024 15:20	14404 SSLA_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
2/17/2024 15:21	49804 UNIV_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
2/17/2024 15:24	40601 PIGR_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
2/17/2024 15:26	65005 NEFF_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
2/17/2024 15:29	46202 DANV_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
2/17/2024 15:34	14403 SSLA_T1	0	0	0	0	0	0	0.05	0.02	1	1	0	600	600
2/17/2024 15:34	40601 PIGR_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
2/17/2024 15:34	56503 ROCK_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
2/17/2024 15:35	56504 ROCK_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
2/17/2024 15:36	14403 SSLA_T1	0	0	0	0	0	0	0.05	0.02	1	1	0	600	600
2/17/2024 15:36	56504 ROCK_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
2/17/2024 15:36	49803 UNIV_T1	0	0	0	0	0	0	-1.02	-0.97	0	0	0	0	0
2/17/2024 15:37	56504 ROCK_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
2/17/2024 15:37	43402 BENT_T1	0	0	0	0	0	0	-0.92	-0.93	1	1	0	900	900
2/17/2024 15:39	40501 CRES_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
2/17/2024 15:39	43401 BENT_T1	1	1	0	0.5	0.9	0.4	0	0	0	0	0	0	0
2/17/2024 15:39	40601 PIGR_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
2/17/2024 15:40	40501 CRES_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
2/17/2024 15:41	40502 CRES_T2	7	15	8	0.21	0.19	-0.02	-0.88	-0.82	0	0	0	0	0
2/17/2024 15:42	40501 CRES_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
2/17/2024 15:43	40501 CRES_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
2/17/2024 15:44	40502 CRES_T2	7	15	8	0.21	0.19	-0.02	-0.88	-0.82	0	0	0	0	0
2/17/2024 15:45	59301 MCAL_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
2/17/2024 15:51	43101 SMIL_T2	1	1	0	0.3	0	-0.3	0	0	0	0	0	0	0
2/17/2024 15:52	43108 SMIL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
2/17/2024 15:52	49804 UNIV_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
2/17/2024 15:54	43104 SMIL_T2	0	0	0	0	0	0	-0.66	-0.67	1	1	0	300	300
2/17/2024 15:56	40502 CRES_T2	15	13	-2	0.19	0.15	-0.04	-0.82	-0.79	0	0	0	0	0
2/17/2024 16:02	60502 NMAN_T2	0	0	0	0	0	0	-0.43	-0.44	0	0	0	0	0
2/17/2024 16:02	48303 ORWI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
2/17/2024 16:06	40603 PIGR_T1	0	0	0	0	0	0	0.35	0.36	0	0	0	0	0
2/17/2024 16:07	56802 BENV_T2	0	0	0	0	0	0	-1.4	-1.43	0	0	0	0	0
2/17/2024 16:09	56802 BENV_T2	0	0	0	0	0	0	-1.43	-1.43	0	0	0	0	0
2/17/2024 16:11	40601 PIGR_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
2/17/2024 16:13	40101 HUNT_T2	5	22	17	0.44	0.69	0.25	-0.48	-0.48	0	0	0	0	0
2/17/2024 16:24	40502 CRES_T2	12	13	1	0.15	0.15	0	-0.76	-0.8	0	0	0	0	0
2/17/2024 16:27	10801 CHHI_T1	3	0	-3	0.17	0	-0.17	-0.83	-0.83	1	1	0	900	900
2/17/2024 16:27	40101 HUNT_T2	19	22	3	0.87	0.52	-0.35	-0.48	-0.46	0	0	0	0	0
2/17/2024 16:28	40101 HUNT_T2	19	22	3	0.87	0.52	-0.35	-0.48	-0.46	0	0	0	0	0
2/17/2024 16:35	65602 QVIL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
2/17/2024 16:39	65003 NEFF_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
2/17/2024 16:44	40101 HUNT_T2	17	23	6	0.63	0.45	-0.18	-0.46	-0.47	0	0	0	0	0
2/17/2024 16:53	13904 SEID_T1	52	65	13	1.27	0.9	-0.37	0	0	0	0	0	0	0
2/17/2024 16:55	40501 CRES_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
2/17/2024 16:57	40501 CRES_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
2/17/2024 16:58	40501 CRES_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
2/17/2024 17:42	65002 NEFF_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
2/17/2024 18:09	65004 NEFF_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
2/17/2024 18:13	55002 NEWP_T1	2	0	-2	0.3	0	-0.3	-0.16	-0.17	0	0	0	0	0
2/17/2024 18:20	24902 WHHA_T1	5	8	3	0.96	0.63	-0.33	0.51	0.53	0	0	0	0	0
2/17/2024 18:21	40502 CRES_T2	10	9	-1	0.16	0.14	-0.02	-0.57	-0.59	0	0	0	0	0
2/17/2024 18:23	42701 AUGU_T1	10	19	9	0.49	0.25	-0.24	0	0	1	1	0	600	600
2/17/2024 18:25	40502 CRES_T2	10	9	-1	0.16	0.14	-0.02	-0.59	-0.55	0	0	0	0	0
2/17/2024 18:25	25402 LAHA_T2	120	158	38	0.7	0.67	-0.03	-0.41	-0.38	0	0	0	0	0
2/17/2024 18:31	25404 LAHA_T2	2	1	-1	0.15	0	-0.15	0	0	0	0	0	0	0
2/17/2024 18:33	46702 RENO_T1	0	2	2	0	0.2	0.2	0	0	0	0	0	0	0
2/17/2024 18:36	26401 INOR_T1	4	2	-2	0.2	0.1	-0.1	0.06	0.2	0	0	0	0	0
2/17/2024 18:37	46203 DANV_T2	0	0	0	0	0	0	-1.16	-1.17	0	0	0	0	0
2/17/2024 18:41	60803 BUCK_T1	0	0	0	0	0	0	-1.07	-1.1	1	1	0	600	600
2/17/2024 18:44	46301 ROHR_T1	2	2	0	0.55	0.6	0.05	0	0	0	0	0	0	0
2/17/2024 18:46	40603 PIGR_T1	8	5	-3	0.83	0	-0.83	0	0	0	0	0	0	0
2/17/2024 18:53	16302 ALPA_T2	0	0	0	0	0	0	-0.69	-0.71	0	0	0	0	0
2/17/2024 18:54	17803 GILB_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
2/17/2024 18:58	17805 GILB_T2	0	0	0	0	0	0	-0.65	-0.63	0	0	0	0	0
2/17/2024 19:10	44601 SALE_T2	0	0	0	0	0	0	-0.1	-0.13	0	0	0	0	0
2/17/2024 19:12	29401 BELT_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
2/17/2024 19:13	29402 BELT_T1	2	8	6	2.6	0.84	-1.76	0	0	0	0	0	0	0
2/17/2024 19:14	13503 MCMI_T2	8	8	0	0.29	0.22	-0.07	-0.51	-0.52	0	0	0	0	0
2/17/2024 19:15	13501 MCMI_T1	0	0	0	0	0	0	-0.52	-0.49	0	0	0	0	0
2/17/2024 19:15	40603 PIGR_T1	0	0	0	0	0	0	0.38	0.37	0	0	0	0	0
2/17/2024 19:16	43302 WATS_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
2/17/2024 19:16	43201 MVIL_T2	0	0	0	0	0	0	-0.32	-0.33	0	0	0	0	0
2/17/2024 19:17	43106 SMIL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
2/17/2024 19:20	60201 ATGL_T2	0	0	0	0	0	0	-0.6	-0.61	2	2	0	900	900
2/17/2024 19:20	40502 CRES_T2	1	11	10	0.1	0.3	0.2	-0.59	-0.54	0	0	0	0	0
2/17/2024 19:21	40501 CRES_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
2/17/2024 19:22	22601 KIMB_T1	112	99	-13	0.69	0.72	0.03	-0.73	-0.73	0	0	0	0	0
2/17/2024 19:24	17801 GILB_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
2/17/2024 19:24	13502 MCMI_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
2/17/2024 19:25	43301 WATS_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
2/17/2024 19:25	14403 SSLA_T1	0	0	0	0	0	0	-0.41	-0.42	2	2	0	1200	1200
2/17/2024 19:27	29402 BELT_T1	8	12	4	0.84	0.72	-0.12	0	0	0	0	0	0	0
2/17/2024 19:28	40501 CRES_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
2/17/2024 19:29	45502 DERR_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
2/17/2024 19:30	28702 HAML_T2	3	4	1	0.3	0	-0.3	0	0	0	0	0	0	0
2/17/2024 19:30	44901 SCOT_T2	0	0	0	0	0	0	-0.56	-0.58	0	0	0	0	0
2/17/2024 19:30	27101 GFLD_T2	0	1	1	0	0.1	0.1	-0.3	-0.29	1	1	0	600	600
2/17/2024 19:31	17802 GILB_T1	0	0	0	0	0	0	0.13	0.19	0	0	0	0	0
2/17/2024 19:31	40501 CRES_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
2/17/2024 19:32	10805 CHHI_T2	7	7	0	2.54	2.34	-0.2	-0.48	-0.46	0	0	0	0	0
2/17/2024 19:32	17802 GILB_T1	0	0	0	0	0	0	0.26	0.38	0	0	0	0	0
2/17/2024 19:33	26401 INOR_T1	0	2	2	0	0.15	0.15	0.1	0.21	0	0	0	0	0
2/17/2024 19:33	49803 UNIV_T1	0	0	0	0	0	0	-0.88	-0.92	0	0	0	0	0
2/17/2024 19:33	59402 RFLD_T2	0	0	0	0	0	0	-0.8	-0.82	1	1	0	450	450
2/17/2024 19:35	25502 MADI_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
2/17/2024 19:35	52006 LING_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
2/17/2024 19:35	43402 BENT_T1	0	0	0	0	0	0	-1.51	-1.54	2	2	0	1500	1500
2/17/2024 19:35	40101 HUNT_T2	83	89	6	0.62	0.59	-0.03	-0.44	-0.48	0	0	0	0	0
2/17/2024 19:35	13502 MCMI_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
2/17/2024 19:35	44601 SALE_T2	0	0	0	0	0	0	-0.13	-0.06	0	0	0	0	0
2/17/2024 19:35	64801 MONE_T2	0	0	0	0	0	0	-0.14	-0.13	0	0	0	0	0
2/17/2024 19:36	43304 WATS_T2	2	0	-2	0.25	0	-0.25	-0.71	-0.69	0	0	0	0	0
2/17/2024 19:36	10805 CHHI_T2	7	7	0	2.54	2.34	-0.2	-0.48	-0.46	0	0	0	0	0
2/17/2024 19:36	16302 ALPA_T2	0	0	0	0	0	0	-0.71	-0.71	0	0	0	0	0
2/17/2024 19:37	43303 WATS_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
2/17/2024 19:37	40101 HUNT_T2	83	89	6	0.62	0.59	-0.03	-0.44	-0.48	0	0	0	0	0
2/17/2024 19:38	10805 CHHI_T2	7	7	0	2.54	2.34	-0.2	-0.46	-0.41	0	0	0	0	0
2/17/2024 19:38	42903 MIDD_T2	2	2	0	1.1	1.15	0.05	0.02	0.02	0	0	0	0	0
2/17/2024 19:38	40501 CRES_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
2/17/2024 19:38	46801 HEPB_T2	2	2	0	0.85	0.65	-0.2	-0.27	-0.29	0	0	0	0	0
2/17/2024 19:38	65002 NEFF_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
2/17/2024 19:38	41601 CLEV_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
2/17/2024 19:38	49803 UNIV_T1	0	0	0	0	0	0	-1.84	-1.82	0	0	0	0	0
2/17/2024 19:38	52004 LING_T2	1	1	0	2.1	1.8	-0.3	0	0	0	0	0	0	0
2/17/2024 19:38	64204 KINZ_T1	1	1	0	0.1	1.1	1	0	0	0	0	0	0	0
2/17/2024 19:38	40101 HUNT_T2	83	89	6	0.62	0.59	-0.03	-0.48	-0.48	0	0	0	0	0
2/17/2024 19:39	44903 SCOT_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
2/17/2024 19:39	48302 ORWI_T2	2	2	0	0.5	0.4	-0.1	-0.52	-0.51	0	0	0	0	0
2/17/2024 19:39	29402 BELT_T1	1	12	11	5.3	0.72	-4.58	0	0	0	0	0	0	0
2/17/2024 19:39	46202 DANV_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
2/17/2024 19:39	26402 INOR_T1	1	3	2	0.1	0.17	0.07	-1.05	-1.07	1	1	0	600	600
2/17/2024 19:39	41902 REED_T1	0	0	0	0	0	0	0.2	0.15	1	1	0	900	900
2/17/2024 19:40	26402 INOR_T1	1	3	2	0.1	0.17	0.07	-1.05	-1.07	1	1	0	600	600
2/17/2024 19:40	60801 BUCK_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
2/17/2024 19:40	56501 ROCK_T2	3	4	1	1.27	1.08	-0.19	0	0	0	0	0	0	0
2/17/2024 19:40	42201 SHEN_T2	0	0	0	0	0	0	0	0.01	1	1	0	600	600
2/17/2024 19:40	13302 ORVI_T2	14	26	12	0.25	0.25	0	1.18	1.18	0	0	0	0	0
2/17/2024 19:40	40501 CRES_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
2/17/2024 19:41	46201 DANV_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
2/17/2024 19:41	46204 DANV_T2	53	37	-16	0.34	0.24	-0.1	0	0	0	0	0	0	0
2/17/2024 19:41	43401 BENT_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
2/17/2024 19:41	20401 ASHF_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
2/17/2024 19:41	56501 ROCK_T2	3	4	1	1.27	1.08	-0.19	-2.02	-2.01	0	0	0	0	0
2/17/2024 19:41	41802 GOCI_T2	1	0	-1	0.7	0	-0.7	0	0	0	0	0	0	0
2/17/2024 19:41	40502 CRES_T2	3	13	10	0.13	0.28	0.15	-0.56	-0.59	0	0	0	0	0
2/17/2024 19:42	43101 SMIL_T2	1	2	1	1.7	0	-1.7	0	0	0	0	0	0	0
2/17/2024 19:42	51108 CARL_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
2/17/2024 19:42	44905 SCOT_T1	1	0	-1	0.2	0	-0.2	0	0	0	0	0	0	0
2/17/2024 19:42	40501 CRES_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
2/17/2024 19:42	13302 ORVI_T2	14	26	12	0.25	0.25	0	1.18	1.18	0	0	0	0	0
2/17/2024 19:42	42701 AUGU_T1	2	10	8	0.75	0.4	-0.35	0	0	1	1	0	600	600
2/17/2024 19:42	46203 DANV_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
2/17/2024 19:42	44302 BEAV_T2	36	53	17	0.22	0.3	0.08	0	0	0	0	0	0	0
2/17/2024 19:42	40101 HUNT_T2	83	89	6	0.62	0.59	-0.03	-0.48	-0.48	0	0	0	0	0
2/17/2024 19:43	59102 WALK_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
2/17/2024 19:43	42901 MIDD_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
2/17/2024 19:43	66504 SMAN_T2	0	0	0	0	0	0	-3.28	-3.41	2	2	0	2400	2400
2/17/2024 19:43	20401 ASHF_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
2/17/2024 19:43	16302 ALPA_T2	0	0	0	0	0	0	-0.71	-0.7	0	0	0	0	0
2/17/2024 19:43	43303 WATS_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
2/17/2024 19:43	40501 CRES_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
2/17/2024 19:43	67603 WARW_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
2/17/2024 19:43	46803 HEPB_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
2/17/2024 19:44	44902 SCOT_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
2/17/2024 19:44	67502 WEWI_T2	0	0	0	0	0	0	-1.64	-1.71	1	1	0	900	900
2/17/2024 19:44	46205 DANV_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
2/17/2024 19:44	65604 QVIL_T2	1	1	0	0.5	0	-0.5	0.49	0.47	0	0	0	0	0
2/17/2024 19:44	57403 SPAN_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
2/17/2024 19:45	43108 SMIL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
2/17/2024 19:45	57403 SPAN_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
2/17/2024 19:45	11101 EGYP_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
2/17/2024 19:45	67503 WEWI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
2/17/2024 19:45	40903 JESH_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
2/17/2024 19:45	65502 MOID_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
2/17/2024 19:45	13302 ORVI_T2	18	26	8	0.27	0.25	-0.02	1.18	1.18	0	0	0	0	0
2/17/2024 19:46	43303 WATS_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
2/17/2024 19:46	41601 CLEV_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
2/17/2024 19:46	67604 WARW_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
2/17/2024 19:46	59302 MCAL_T1	0	0	0	0	0	0	-0.69	-0.64	1	1	0	600	600
2/17/2024 19:46	41901 REED_T1	8	10	2	0.4	0.38	-0.02	0	0	0	0	0	0	0
2/17/2024 19:46	40101 HUNT_T2	78	104	26	0.6	0.67	0.07	-0.48

2/17/2024 19:50	46701 RENO_T1	61	87	26	0.34	0.3	-0.04	0	0	0	0	0	0	0
2/17/2024 19:50	66703 STRA_T1	0	0	0	0	0	0	-0.12	-0.11	0	0	0	0	0
2/17/2024 19:50	59102 WALK_T2	0	0	0	0	0	0	-0.38	-0.41	1	1	0	600	600	0
2/17/2024 19:50	67503 WEWI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/17/2024 19:50	40502 CRES_T2	11	10	-1	0.3	0.32	0.02	-0.56	-0.59	0	0	0	0	0	0
2/17/2024 19:51	42903 MIDD_T2	2	2	0	1.05	1.15	0.1	0	0	0	0	0	0	0	0
2/17/2024 19:51	67401 WAKE_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/17/2024 19:51	56503 ROCK_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/17/2024 19:51	45802 HEGI_T2	2	1	-1	0.4	0	-0.4	0.65	0.6	0	0	0	0	0	0
2/17/2024 19:51	40101 HUNT_T2	78	104	26	0.6	0.67	0.07	-0.48	-0.48	0	0	0	0	0	0
2/17/2024 19:51	53601 DALM_T2	1	0	-1	0.1	0	-0.1	0	-0.01	0	0	0	0	0	0
2/17/2024 19:52	40901 JESH_T1	1	1	0	0.4	0.2	-0.2	0	0	0	0	0	0	0	0
2/17/2024 19:52	59003 MIFF_T1	0	0	0	0	0	0	-1.15	-1.09	0	0	0	0	0	0
2/17/2024 19:52	51108 CARL_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/17/2024 19:52	13302 ORVI_T2	18	26	8	0.27	0.25	-0.02	1.18	1.18	0	0	0	0	0	0
2/17/2024 19:52	43402 BENT_T1	0	1	1	0	0	0	-1.54	-1.53	2	2	0	1500	1500	0
2/17/2024 19:53	45702 LIND_T2	0	1	1	0	0.1	0.1	-1.7	-1.74	0	0	0	0	0	0
2/17/2024 19:53	40502 CRES_T2	11	10	-1	0.3	0.32	0.02	-0.59	-0.59	0	0	0	0	0	0
2/17/2024 19:53	56504 ROCK_T2	0	4	4	0	0.1	0.1	0	0	0	0	0	0	0	0
2/17/2024 19:53	14404 SSLA_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/17/2024 19:53	40101 HUNT_T2	78	104	26	0.6	0.67	0.07	-0.48	-0.45	0	0	0	0	0	0
2/17/2024 19:53	48303 ORWI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/17/2024 19:54	57304 MOAL_T2	0	0	0	0	0	0	-0.93	-0.86	0	0	0	0	0	0
2/17/2024 19:54	11104 EGYP_T1	0	3	3	0	0.35	0.35	-0.46	-0.46	1	1	0	900	900	0
2/17/2024 19:54	56503 ROCK_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/17/2024 19:54	40502 CRES_T2	11	10	-1	0.3	0.32	0.02	-0.59	-0.59	0	0	0	0	0	0
2/17/2024 19:55	20402 ASHF_T2	17	14	-3	0.51	0.34	-0.17	0	0	0	0	0	0	0	0
2/17/2024 19:55	40501 CRES_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/17/2024 19:56	57401 SPAN_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/17/2024 19:56	46803 HEPB_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/17/2024 19:56	59101 WALK_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/17/2024 19:57	46206 DANV_T2	3	1	-2	0.23	0.4	0.17	2.1	2.05	1	1	0	1200	1200	0
2/17/2024 19:57	67201 TEHI_T1	0	0	0	0	0	0	-0.05	-0.06	0	0	0	0	0	0
2/17/2024 19:57	52006 LING_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/17/2024 19:57	67902 WNHO_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/17/2024 19:58	65902 SAKR_T2	0	0	0	0	0	0	-0.55	-0.57	1	1	0	300	300	0
2/17/2024 19:58	58402 MORO_T1	0	0	0	0	0	0	-1.22	-1.15	3	3	0	2400	2400	0
2/17/2024 20:00	66503 SMAN_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/17/2024 20:00	66702 STRA_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/17/2024 20:02	67503 WEWI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/17/2024 20:06	63601 LETO_T1	0	0	0	0	0	0	-0.68	-0.68	1	1	0	900	900	0
2/17/2024 20:15	65005 NEFF_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/17/2024 20:30	65002 NEFF_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/17/2024 20:44	56501 ROCK_T2	23	22	-1	0.34	0.21	-0.13	-2.01	-2.02	0	0	0	0	0	0
2/17/2024 20:56	65004 NEFF_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/17/2024 21:23	65003 NEFF_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/17/2024 22:32	13905 SEID_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/17/2024 22:36	65003 NEFF_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/18/2024 0:32	65004 NEFF_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/18/2024 0:48	42903 MIDD_T2	7	24	17	0.79	0.38	-0.41	0	0	0	0	0	0	0	0
2/18/2024 1:24	65003 NEFF_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/18/2024 2:11	65003 NEFF_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/18/2024 2:41	16302 ALPA_T2	0	0	0	0	0	0	-0.72	-0.71	0	0	0	0	0	0
2/18/2024 4:47	25404 LAHA_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/18/2024 5:02	65004 NEFF_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/18/2024 5:22	65005 NEFF_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/18/2024 5:49	65002 NEFF_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/18/2024 6:20	65003 NEFF_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/18/2024 7:07	65004 NEFF_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/18/2024 7:34	65004 NEFF_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/18/2024 7:53	46205 DANV_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/18/2024 7:53	43401 BENT_T1	1	1	0	0.5	0.3	-0.2	0	0	0	0	0	0	0	0
2/18/2024 7:55	43401 BENT_T1	1	1	0	0.5	0.3	-0.2	0	0	0	0	0	0	0	0
2/18/2024 7:56	46205 DANV_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/18/2024 7:57	40502 CRES_T2	9	12	3	0.27	0.35	0.08	-0.44	-0.52	0	0	0	0	0	0
2/18/2024 7:59	25404 LAHA_T2	0	1	1	0	0	0	0	0	0	0	0	0	0	0
2/18/2024 8:03	43105 SMIL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/18/2024 8:05	43105 SMIL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/18/2024 8:06	59102 WALK_T2	0	0	0	0	0	0	-0.37	-0.37	1	1	0	600	600	0
2/18/2024 8:06	43104 SMIL_T2	0	0	0	0	0	0	-0.63	-0.64	1	1	0	300	300	0
2/18/2024 8:12	46206 DANV_T2	5	8	3	0.78	0.43	-0.35	0	0	0	0	0	0	0	0
2/18/2024 8:13	46202 DANV_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/18/2024 8:17	41902 REED_T1	39	1	-38	1.02	0	-1.02	1.18	0.27	0	1	1	0	900	900
2/18/2024 8:19	41902 REED_T1	39	1	-38	1.02	0	-1.02	1.18	0.27	0	1	1	0	900	900
2/18/2024 8:21	65001 NEFF_T2	0	4	4	0	0.1	0.1	-1.27	-1.26	1	1	0	1200	1200	0
2/18/2024 8:23	49803 UNIV_T1	0	0	0	0	0	0	-0.88	-0.91	0	0	0	0	0	0
2/18/2024 8:33	13904 SEID_T1	15	28	13	0.34	0.51	0.17	0	0	0	0	0	0	0	0
2/18/2024 8:34	46803 HEPB_T2	0	1	1	0	0.1	0.1	0	0	0	0	0	0	0	0
2/18/2024 8:37	65002 NEFF_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/18/2024 8:58	59302 MCAL_T1	1	1	0	0.2	0.4	0.2	-0.71	-0.42	1	1	0	600	600	0
2/18/2024 9:00	43105 SMIL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/18/2024 9:00	13901 SEID_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/18/2024 9:00	47101 MARL_T1	15	10	-5	0.59	0.44	-0.15	-1.11	-1.16	0	0	0	0	0	0
2/18/2024 9:00	24102 EHAZ_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/18/2024 9:00	14401 SSLA_T1	1	1	0	0.2	0	-0.2	0	0	0	0	0	0	0	0
2/18/2024 9:00	40505 CRES_T1	0	0	0	0	0	0	0.38	0.35	0	0	0	0	0	0
2/18/2024 9:00	62605 ENGL_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/18/2024 9:00	41903 REED_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/18/2024 9:00	47104 MARL_T1	0	0	0	0	0	0	-0.73	-0.75	0	0	0	0	0	0
2/18/2024 9:00	17805 GILB_T2	1	3	2	0.1	0.1	0	-0.63	-0.61	0	0	0	0	0	0
2/18/2024 9:00	67605 WARW_T1	1	2	1	0.1	0.2	0.1	-1.27	-1.31	0	0	0	0	0	0
2/18/2024 9:00	59102 WALK_T2	0	0	0	0	0	0	-0.38	-0.36	1	1	0	600	600	0
2/18/2024 9:00	60803 BUCK_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/18/2024 9:00	53901 HALI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/18/2024 9:00	17002 RIRO_T2	0	0	0	0	0	0	0.41	0.44	0	0	0	0	0	0
2/18/2024 9:00	40602 PIGR_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/18/2024 9:00	27502 WEIS_T2	0	2	2	0	0	0	-0.37	-0.33	0	0	0	0	0	0
2/18/2024 9:00	40101 HUNT_T2	324	277	-47	1.09	0.72	-0.37	-0.45	-0.47	0	0	0	0	0	0
2/18/2024 9:00	66301 MCGO_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/18/2024 9:00	67401 WAKE_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/18/2024 9:00	58402 MORO_T1	0	0	0	0	0	0	-0.28	-0.27	2	2	0	1500	1500	0
2/18/2024 9:00	60701 BREC_T1	0	0	0	0	0	0	-0.37	-0.41	1	1	0	600	600	0
2/18/2024 9:00	10801 CHHI_T1	0	1	1	0	0	0	-1.28	-1.31	2	2	0	1500	1500	0
2/18/2024 9:00	43001 ALWD_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/18/2024 9:06	43102 SMIL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/18/2024 9:06	67904 WNHO_T1	0	0	0	0	0	0	-1.16	-1.13	1	1	0	1200	1200	0
2/18/2024 9:06	46004 BERW_T2	0	0	0	0	0	0	-0.57	-0.62	0	0	0	0	0	0
2/18/2024 9:07	53501 EVIL_T2	3	1	-2	0.43	0.4	-0.03	-0.57	-0.56	0	0	0	0	0	0
2/18/2024 9:07	43001 ALWD_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/18/2024 9:07	43401 BENT_T1	1	3	2	0.6	0.5	-0.1	0	0	0	0	0	0	0	0
2/18/2024 9:08	52004 LING_T2	1	1	0	1.1	0.5	-0.6	0.48	0.45	0	0	0	0	0	0
2/18/2024 9:08	42902 MIDD_T2	17	43	26	0.19	0.3	0.11	0	0	0	0	0	0	0	0
2/18/2024 9:08	40501 CRES_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/18/2024 9:08	43402 BENT_T1	0	0	0	0	0	0	-0.86	-0.86	1	1	0	900	900	0
2/18/2024 9:09	46201 DANV_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/18/2024 9:10	46205 DANV_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/18/2024 9:11	46201 DANV_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/18/2024 9:11	46803 HEPB_T2	1	2	1	0.1	0.1	0	0	0	0	0	0	0	0	0
2/18/2024 9:15	13503 MCMI_T2	2	73	71	0.7	0.45	-0.25	-0.49	-0.47	0	0	0	0	0	0
2/18/2024 9:16	46204 DANV_T2	102	95	-7	0.76	0.37	-0.39	0	0	0	0	0	0	0	0
2/18/2024 9:16	48302 ORWI_T2	2	2	0	0.7	0.9	0.2	-0.5	-0.49	0	0	0	0	0	0
2/18/2024 9:18	25404 LAHA_T2	0	1	1	0	0	0	0	0	0	0	0	0	0	0
2/18/2024 9:21	49803 UNIV_T1	0	6	6	0	0.13	0.13	-0.9	-0.92	0	0	0	0	0	0
2/18/2024 9:23	49803 UNIV_T1	0	6	6	0	0.13	0.13	-0.92	-0.97	0	0	0	0	0	0
2/18/2024 9:24	29402 BELT_T1	69	59	-10	0.53	0.51	-0.02	0	0	0	0	0	0	0	0
2/18/2024 9:24	59102 WALK_T2	0	1	1	0	0.1	0.1	-0.4	-0.4	1	1	0	600	600	0
2/18/2024 9:24	59101 WALK_T2	0	0	0	0	0	0	1.03	1.04	1	1	0	450	450	0
2/18/2024 9:31	58402 MORO_T1	0	1	1	0	0	0	-0.27	-0.32	2	2	0	1500	1500	0
2/18/2024 9:33	43202 MVIL_T2	0	0	0	0	0	0	-0.57	-0.59	0	0	0	0	0	0
2/18/2024 9:34	43201 MVIL_T2	1	1	0	0.1	0.2	0.1	0	0	0	0	0	0	0	0
2/18/2024 9:34	42203 SHEN_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/18/2024 9:37	43302 WATS_T2	0	1	1	0	0.1	0.1	0	0	0	0	0	0	0	0
2/18/2024 9:38	43302 WATS_T2	0	1	1	0	0.1	0.1	0	0	0	0	0	0	0	0
2/18/2024 9:39	43302 WATS_T2	0	1	1	0	0.1	0.1	0	0	0	0	0	0	0	0
2/18/2024 9:44	10801 CHHI_T1	0	2	2	0	0.4	0.4	-1.31	-1.37	2	2	0	1500	1500	0
2/18/2024 9:45	42901 MIDD_T2	63	113	50	0.22	0.34	0.12	0	0	0	0	0	0	0	0
2/18/2024 9:47	13503 MCMI_T2	73	53	-20	0.64	0.5	-0.14	-0.5	-0.48	0	0	0	0	0	0
2/18/2024 9:47	65903 SAKR_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/18/2024 9:50	65902 SAKR_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/18/2024 9:50	67401 WAKE_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/18/2024 9:52	67906 WNHO_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/18/2024 9:52	56802 BENV_T2	0	1	1	0	0.5	0.5	-1.31	-1.32	0	0	0	0	0	0
2/18/2024 9:53	45501 DERR_T2	0	1	1	0	0	0	-0.8	-0.82	2	2	0	1800	1800	0
2/18/2024 9:53	56802 BENV_T2	0	1	1	0	0.5	0.5	-1.32	-1.3	0	0	0	0	0	0
2/18/2024 9:54	29401 BELT_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/18/2024 9:54	44302 BEAV_T2	128	207	79	0.44	0.52	0.08	0	0	0	0	0	0	0	0
2/18/2024 9:55	29402 BELT_T1	50	63	13	0.5	0.5	0	0	0	0	0	0	0	0	0
2/18/2024 9:55	46205 DANV_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/18/2024 9:55	45501 DERR_T2	0	1	1	0	0	0	-0.8	-0.82	2	2	0	1800	1800	0
2/18/2024 9:56	45502 DERR_T2	0	1	1	0	0	0	0	0	0	0	0	0	0	0
2/18/2024 9:56	29401 BELT_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/18/2024 9:58	46204 DANV_T2	16	3	-13	0.39	0.3	-0.09	0	0	0	0	0	0	0	0
2/18/2024 10:00	46801 HEPB_T2	3	3	0	0.23	0.33	0.1	0.72	0.71	0	0	0	0	0	0
2/18/2024 10:00	63204 MGTN_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/18/2024 10:01	55002 NEWP_T1	3	4	1	1.5	1.08	-0.42	-0.4	-0.32	0	0	0	0	0	0
2/18/2024 10:02	41901 REED_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/18/2024 10:04	64101 REFR_T1	0	1	1	0	0	0	0.04	0.04	0	1	0	0	0	0
2/18/2024 10:04	41901 REED_T1	11	11	0	1.25	1.03	-0.22	0	0	0	0	0	0	0	0
2/18/2024 10:05	55002 NEWP_T1	3	4	1	1.5	1.08	-0.42	-0.2	-0.16	0	0	0	0	0	0
2/18/2024 10:05	54001 SDLE_T1	4	4	0	0.45	0.38	-0.07	0	0	1	0	-1	600	0	-600
2/18/2024 10:06	43301 WATS_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/18/2024 10:06	24901 WHHA_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/18/2024 10:06	56503 ROCK_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/18/2024 10:06	54001 SDLE_T1	4	4	0	0.45	0.38	-0.07	0	0	1	0	-1	600	0	-600
2/18/2024 10:06	44302 BEAV_T2	158	230	72	0.48	0.56	0.08	0	0	0	0	0	0	0	0
2/18/2024 10:07	67503 WEWI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/18/2024 10:07	54001 SDLE_T1	4	4	0	0.45	0.38	-0.07	0	0	1	0	-1	600	0	-600
2/18/2024 10:08	14401 SSLA_T1	7	0	-7	0.16	0	-0.16	0	0	0	0	0	0	0	0
2/18/2024 10:08	67401 WAKE_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/18/2024 10:09	43201 MVIL_T2	1	1	0	0.2	0.4	0.2	-0.32	-0.32	0	0	0	0	0	0
2/18/2024 10:10	62601 ENGL_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/18/2024 10:11	20401 ASHF_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/18/2024 10:12	20403 ASHF_T2	0	0	0	0	0	0	0.47	0.44	0	0	0	0	0	0
2/18/2024 10:13	17804 GILB_T2	0	0	0	0	0	0	-0.45	-0.45	0	0	0	0	0	0
2/18/2024 10:13	17804 GILB_T2	0	0	0	0	0	0	-0.45	-0.45	0	0	0	0	0	0
2/18/2024 10:13	67402 WAKE_T2	0	0	0	0	0	0	-0.32	-0.31	1	1	0	600	600	0
2/18/2024 10:14	62601 ENGL_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/18/2024 10:16	17804 GILB_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/18/2024 10:17	54201 PENN_T1	248	314	66	0.48	0.52	0.04	0	0	0	0	0	0	0	0
2/18/2024 10:17	13704 SCHN_T2	0	0	0	0	0	0	-0.77	-0.79	0	0	0	0	0	0
2/18/2024 10:18	65003 NEFF_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/18/2024 10:21	17805 GILB_T2	0	1	1	0	0	0	-0.69	-0.66	0	0	0	0	0	0
2/18/2024 10:22	13704 S

2/18/2024 10:42	40903 JESH_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
2/18/2024 10:43	28702 HAML_T2	4	1	-3	0.43	0	-0.43	0	0	0	0	0	0	0
2/18/2024 10:43	53902 HALI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
2/18/2024 10:44	13501 MCMI_T1	0	0	0	0	0	0	0.41	0.39	0	0	0	0	0
2/18/2024 10:44	64203 KINZ_T1	0	1	1	0	0.2	0.2	-0.69	-0.68	1	1	0	600	600
2/18/2024 10:44	44302 BEAV_T2	224	168	-56	0.54	0.45	-0.09	0	0	0	0	0	0	0
2/18/2024 10:44	28701 HAML_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
2/18/2024 10:45	42902 MIDD_T2	82	78	-4	0.46	0.39	-0.07	-0.58	-0.59	0	0	0	0	0
2/18/2024 10:45	67401 WAKE_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
2/18/2024 10:46	48303 ORWI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
2/18/2024 10:47	48302 ORWI_T2	2	2	0	1	1.1	0.1	-0.48	-0.5	0	0	0	0	0
2/18/2024 10:48	59402 RFLD_T2	0	0	0	0	0	0	-0.84	-0.85	1	1	0	450	450
2/18/2024 10:48	65901 SAKR_T2	1	2	1	8.3	4.25	-4.05	0	0	0	0	0	0	0
2/18/2024 10:48	13501 MCMI_T1	0	0	0	0	0	0	0.41	0.39	0	0	0	0	0
2/18/2024 10:48	42901 MIDD_T2	134	136	2	0.29	0.24	-0.05	0	0	0	0	0	0	0
2/18/2024 10:49	59202 THOM_T1	29	68	39	0.25	0.29	0.04	0	0	0	0	0	0	0
2/18/2024 10:50	57403 SPAN_T1	0	5	5	0	0.15	0.15	0	0	0	0	0	0	0
2/18/2024 10:50	46301 ROHR_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
2/18/2024 10:51	59201 THOM_T1	11	13	2	0.25	0.38	0.13	0	0	0	0	0	0	0
2/18/2024 10:51	60201 ATGL_T2	0	0	0	0	0	0	0.21	0.2	0	0	0	0	0
2/18/2024 10:52	56501 ROCK_T2	353	470	117	0.38	0.59	0.21	0	0	0	0	0	0	0
2/18/2024 10:53	56503 ROCK_T2	0	10	10	0	0.1	0.1	0	0	0	0	0	0	0
2/18/2024 10:53	66502 SMAN_T2	1	0	-1	0.1	0	-0.1	0	0	0	0	0	0	0
2/18/2024 10:53	67503 WEWI_T2	0	0	0	0	0	0	-0.08	-0.06	0	0	0	0	0
2/18/2024 10:54	51104 CARL_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
2/18/2024 10:55	28601 BLYT_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
2/18/2024 10:55	67401 WAKE_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
2/18/2024 10:57	46003 BERW_T2	3	3	0	0.13	0.1	-0.03	0	0	0	0	0	0	0
2/18/2024 10:57	45501 DERR_T2	0	0	0	0	0	0	-0.75	-0.81	2	2	0	1800	1800
2/18/2024 10:58	53902 HALI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
2/18/2024 10:58	13501 MCMI_T1	0	0	0	0	0	0	0.39	0.4	0	0	0	0	0
2/18/2024 10:58	54503 ENOL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
2/18/2024 10:59	45501 DERR_T2	0	0	0	0	0	0	-0.75	-0.81	2	2	0	1800	1800
2/18/2024 10:59	53901 HALI_T2	1	2	1	0.2	0.35	0.15	0	0	0	0	0	0	0
2/18/2024 11:00	13501 MCMI_T1	0	3	3	0	0	0	0.39	0.4	0	0	0	0	0
2/18/2024 11:00	40101 HUNT_T2	234	289	55	0.79	0.55	-0.24	-0.45	-0.46	0	0	0	0	0
2/18/2024 11:01	40101 HUNT_T2	234	289	55	0.79	0.55	-0.24	-1.35	-1.38	0	0	0	0	0
2/18/2024 11:01	57403 SPAN_T1	4	3	-1	0.2	0.2	0	0	0	0	0	0	0	0
2/18/2024 11:02	51107 CARL_T1	1	1	0	0.4	0.6	0.2	-0.54	-0.51	0	0	0	0	0
2/18/2024 11:02	54204 PENN_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
2/18/2024 11:02	13501 MCMI_T1	0	3	3	0	0	0	0.39	0.4	0	0	0	0	0
2/18/2024 11:02	64801 MONE_T2	2	6	4	0.2	0.25	0.05	-0.26	-0.24	0	0	0	0	0
2/18/2024 11:05	43301 WATS_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
2/18/2024 11:05	66701 STRA_T1	1	1	0	1	1.3	0.3	0	0	0	0	0	0	0
2/18/2024 11:05	67401 WAKE_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
2/18/2024 11:06	57401 SPAN_T1	0	2	2	0	0.25	0.25	0	0	0	0	0	0	0
2/18/2024 11:06	43302 WATS_T2	1	0	-1	0.2	0	-0.2	0	0	0	0	0	0	0
2/18/2024 11:07	56503 ROCK_T2	0	24	24	0	0.15	0.15	0	0	0	0	0	0	0
2/18/2024 11:08	29402 BELT_T1	1	3	2	5.2	1.67	-3.53	0	0	0	0	0	0	0
2/18/2024 11:08	43101 SMIL_T2	1	1	0	3.4	2.4	-1	0	0	0	0	0	0	0
2/18/2024 11:09	59202 THOM_T1	30	84	54	0.3	0.28	-0.02	0	0	0	0	0	0	0
2/18/2024 11:09	51108 CARL_T1	2	2	0	0.45	0.35	-0.1	0	0	0	0	0	0	0
2/18/2024 11:10	55101 WERT_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
2/18/2024 11:11	61306 EARL_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
2/18/2024 11:11	60102 COCA_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
2/18/2024 11:11	51102 CARL_T1	43	44	1	0.17	0.2	0.03	0	0	0	0	0	0	0
2/18/2024 11:11	29402 BELT_T1	1	3	2	5.2	1.67	-3.53	0	0	0	0	0	0	0
2/18/2024 11:11	67402 WAKE_T2	0	0	0	0	0	0	-0.33	-0.32	1	1	0	600	600
2/18/2024 11:12	29401 BELT_T1	0	0	0	0	0	0	0	0	1	1	0	900	900
2/18/2024 11:12	51108 CARL_T1	2	2	0	0.45	0.35	-0.1	0	0	0	0	0	0	0
2/18/2024 11:12	27102 GFLD_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
2/18/2024 11:13	53903 HALI_T2	3	3	0	1.1	1.33	0.23	-0.22	-0.22	0	0	0	0	0
2/18/2024 11:13	17801 GILB_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
2/18/2024 11:13	29402 BELT_T1	1	3	2	5.2	1.67	-3.53	0	0	0	0	0	0	0
2/18/2024 11:14	54504 ENOL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
2/18/2024 11:14	54506 ENOL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
2/18/2024 11:14	54502 ENOL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
2/18/2024 11:14	17802 GILB_T1	1	2	1	0.7	0.2	-0.5	0.3	0.26	0	0	0	0	0
2/18/2024 11:14	46803 HEPB_T2	3	4	1	0.2	0.28	0.08	0	0	0	0	0	0	0
2/18/2024 11:15	53903 HALI_T2	3	3	0	1.13	1.33	0.2	-0.22	-0.22	0	0	0	0	0
2/18/2024 11:15	59302 MCAL_T1	0	3	3	0	0.33	0.33	-0.4	-0.46	1	1	0	600	600
2/18/2024 11:15	63202 MGTN_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
2/18/2024 11:18	42903 MIDD_T2	47	50	3	1.97	1.96	-0.01	0	0	0	0	0	0	0
2/18/2024 11:18	46702 RENO_T1	71	164	93	0.28	0.39	0.11	-0.12	-0.1	0	0	0	0	0
2/18/2024 11:18	59402 RFLD_T2	0	0	0	0	0	0	-1.65	-1.68	2	2	0	900	900
2/18/2024 11:19	49804 UNIV_T1	2	5	3	0.35	0.22	-0.13	0.57	0.6	0	0	0	0	0
2/18/2024 11:20	59202 THOM_T1	67	88	21	0.3	0.27	-0.03	0	0	0	0	0	0	0
2/18/2024 11:20	49804 UNIV_T1	2	5	3	0.35	0.22	-0.13	0.57	0.6	0	0	0	0	0
2/18/2024 11:20	59402 RFLD_T2	0	0	0	0	0	0	-0.83	-0.84	1	1	0	450	450
2/18/2024 11:21	67401 WAKE_T2	0	1	1	0	0.2	0.2	0	0	0	0	0	0	0
2/18/2024 11:21	27503 WEIS_T2	1	1	0	0.7	0.8	0.1	0	0	0	0	0	0	0
2/18/2024 11:21	57403 SPAN_T1	2	11	9	0.15	0.25	0.1	0	0	0	0	0	0	0
2/18/2024 11:22	14401 SSLA_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
2/18/2024 11:22	67505 WEWI_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
2/18/2024 11:22	49804 UNIV_T1	2	5	3	0.35	0.22	-0.13	0	0	0	0	0	0	0
2/18/2024 11:22	43303 WATS_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
2/18/2024 11:22	24902 WHHA_T1	0	0	0	0	0	0	0.47	0.5	0	0	0	0	0
2/18/2024 11:23	56803 BENV_T1	2	1	-1	1.35	1.5	0.15	0	0	0	0	0	0	0
2/18/2024 11:23	59201 THOM_T1	11	10	-1	0.41	0.42	0.01	0	0	0	0	0	0	0
2/18/2024 11:23	27502 WEIS_T2	0	0	0	0	0	0	-0.38	-0.39	0	0	0	0	0
2/18/2024 11:23	10801 CHHI_T1	2	3	1	0.45	0.75	0.3	-0.73	-0.78	1	1	0	900	900
2/18/2024 11:23	45501 DERR_T2	0	0	0	0	0	0	-0.82	-0.85	2	2	0	1800	1800
2/18/2024 11:24	61303 EARL_T1	0	0	0	0	0	0	0.11	0.11	0	0	0	0	0
2/18/2024 11:24	56803 BENV_T1	2	1	-1	1.35	1.5	0.15	0	0	0	0	0	0	0
2/18/2024 11:24	67505 WEWI_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
2/18/2024 11:25	41601 CLEV_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
2/18/2024 11:26	41601 CLEV_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
2/18/2024 11:27	67401 WAKE_T2	0	1	1	0	0.2	0.2	0	0	0	0	0	0	0
2/18/2024 11:28	23901 EFMO_T2	0	0	0	0	0	0	-0.77	-0.78	0	0	0	0	0
2/18/2024 11:30	52006 LING_T2	3	3	0	0.3	0.57	0.27	0	0	0	0	0	0	0
2/18/2024 11:31	57306 MOAL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
2/18/2024 11:31	50504 MECH_T1	1	1	0	0.4	0.2	-0.2	0	0	0	0	0	0	0
2/18/2024 11:32	40602 PIGR_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
2/18/2024 11:33	40601 PIGR_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
2/18/2024 11:33	42903 MIDD_T2	49	51	2	1.93	2	0.07	0	0	0	0	0	0	0
2/18/2024 11:33	56503 ROCK_T2	23	53	30	0.15	0.17	0.02	0	0	0	0	0	0	0
2/18/2024 11:33	57401 SPAN_T1	2	2	0	0.25	0.25	0	-1.08	-1.1	1	1	0	600	600
2/18/2024 11:33	40603 PIGR_T1	1	1	0	0.2	0.2	0	0.4	0.38	0	0	0	0	0
2/18/2024 11:33	52503 PROG_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
2/18/2024 11:34	56504 ROCK_T2	0	1	1	0	0.1	0.1	0.03	0.01	0	0	0	0	0
2/18/2024 11:34	56503 ROCK_T2	23	53	30	0.15	0.17	0.02	0	0	0	0	0	0	0
2/18/2024 11:34	40602 PIGR_T1	0	0	0	0	0	0	-1.75	-1.75	1	1	0	600	600
2/18/2024 11:35	56504 ROCK_T2	0	1	1	0	0.1	0.1	0	0	0	0	0	0	0
2/18/2024 11:35	67401 WAKE_T2	0	1	1	0	0.2	0.2	0	0	0	0	0	0	0
2/18/2024 11:35	57301 MOAL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
2/18/2024 11:35	58001 WCAR_T1	4	4	0	0.4	0.58	0.18	0	0	0	0	0	0	0
2/18/2024 11:36	29401 BELT_T1	0	0	0	0	0	0	0	0	3	3	0	2700	2700
2/18/2024 11:36	66703 STRA_T1	8	9	1	0.29	0.41	0.12	-0.11	-0.11	0	0	0	0	0
2/18/2024 11:36	56501 ROCK_T2	470	492	22	0.69	0.64	-0.05	-2.24	-2.23	0	0	0	0	0
2/18/2024 11:36	13701 SCHN_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
2/18/2024 11:37	13704 SCHN_T2	0	0	0	0	0	0	-0.81	-0.8	0	0	0	0	0
2/18/2024 11:37	40603 PIGR_T1	1	1	0	0.2	0.2	0	0	0	0	0	0	0	0
2/18/2024 11:37	57401 SPAN_T1	2	2	0	0.25	0.25	0	-1.08	-1.1	1	1	0	600	600
2/18/2024 11:37	14403 SSLA_T1	0	0	0	0	0	0	-0.37	-0.39	2	2	0	1200	1200
2/18/2024 11:37	67402 WAKE_T2	0	0	0	0	0	0	-0.32	-0.31	1	1	0	600	600
2/18/2024 11:37	57103 SPHI_T2	0	0	0	0	0	0	-0.82	-0.84	1	1	0	600	600
2/18/2024 11:37	29402 BELT_T1	1	1	0	4.5	4.9	0.4	0	0	0	0	0	0	0
2/18/2024 11:37	59202 THOM_T1	71	81	10	0.28	0.27	-0.01	0	0	0	0	0	0	0
2/18/2024 11:37	28604 BLYT_T2	0	0	0	0	0	0	-1.37	-1.4	0	0	0	0	0
2/18/2024 11:37	57403 SPAN_T1	2	11	9	0.25	0.25	0	0.29	0.29	0	0	0	0	0
2/18/2024 11:38	60801 BUCK_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
2/18/2024 11:38	14403 SSLA_T1	0	0	0	0	0	0	-0.39	-0.38	2	2	0	1200	1200
2/18/2024 11:38	45501 DERR_T2	0	0	0	0	0	0	-0.85	-0.84	2	2	0	1800	1800
2/18/2024 11:38	40601 PIGR_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
2/18/2024 11:38	58001 WCAR_T1	4	4	0	0.4	0.58	0.18	0	0	0	0	0	0	0
2/18/2024 11:38	57403 SPAN_T1	2	11	9	0.25	0.25	0	0.14	0.13	0	0	0	0	0
2/18/2024 11:38	56503 ROCK_T2	23	53	30	0.15	0.17	0.02	0	0	0	0	0	0	0
2/18/2024 11:38	57401 SPAN_T1	2	2	0	0.25	0.25	0	-1.1	-1.08	1	1	0	600	600
2/18/2024 11:39	29402 BELT_T1	1	1	0	4.5	4.9	0.4	0	0	0	0	0	0	0
2/18/2024 11:39	60801 BUCK_T1	0	0	0	0	0	0	-0.12	-0.12	0	0	0	0	0
2/18/2024 11:39	29401 BELT_T1	0	0	0	0	0	0	0	0	1	1	0	900	900
2/18/2024 11:39	57403 SPAN_T1	2	11	9	0.25	0.25	0	0	0	0	0	0	0	0
2/18/2024 11:39	60803 BUCK_T1	4	5	1	0.28	0.22	-0.06	-1.18	-1.18	1	1	0	600	600
2/18/2024 11:40	29402 BELT_T1	1	1	0	4.5	4.9	0.4	0	0	0	0	0	0	0
2/18/2024 11:40	62605 ENGL_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
2/18/2024 11:40	45502 DERR_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
2/18/2024 11:40	60701 BREC_T1	3	3	0	0.37	0.47	0.1	-0.49	-0.47	1	1	0	600	600
2/18/2024 11:41	20402 ASHF_T2	9	11	2	1.27	0.7	-0.57	0	0	0	0	0	0	0
2/18/2024 11:41	29401 BELT_T1	0	0	0	0	0	0	0	0	1	1	0	900	900
2/18/2024 11:41	60701 BREC_T1	3	3	0	0.37	0.47	0.1	-0.49	-0.47	1	1	0	600	600
2/18/2024 11:41	45501 DERR_T2	0	0	0	0	0	0	-2.54	-2.52	6	6	0	5400	5400
2/18/2024 11:41	29401 BELT_T1	0	0	0	0	0	0	0	0	1	1	0	900	900
2/18/2024 11:42	62606 ENGL_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
2/18/2024 11:42	67401 WAKE_T2	0	1	1	0	0.2	0.2	0	0	0	0	0	0	0
2/18/2024 11:42	45501 DERR_T2	0	0	0	0	0	0	-0.85	-0.84	2	2	0	1800	1800
2/18/2024 11:42	45703 LIND_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
2/18/2024 11:42	40101 HUNT_T2	115	170	55	0.55	0.63	0.08	-0.47	-0.45	0	0	0	0	0
2/18/2024 11:43	62604 ENGL_T1	0	0	0	0	0	0	-1.07	-1.07	0	0	0	0	0
2/18/2024 11:43	50202 HARR_T3	0	6	6	0	0	0	0	0	0	0	0	0	0
2/18/2024 11:43	40101 HUNT_T2	115	170	55	0.55	0.63	0.08	-0.47	-0.45	0	0	0	0	0
2/18/2024 11:44	45502 DERR_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
2/18/2024 11:44	46803 HEPB_T2	4	4	0	0.28	0.4	0.12	0	0	0	0	0	0	0
2/18/2024 11:44	22601 KIMB_T1	0	166	166	0	0.96	0.96	-0.73	-0.75	0	0	0	0	0
2/18/2024 11:44	40101 HUNT_T2	115	170	55	0.55	0.63	0.08	-0.47	-0.45	0	0	0	0	0
2/18/2024 11:46	50105 HARR_T3	6	16	10	5.58	2.77	-2.81	0	0	0	0	0	0	0
2/18/2024 11:46	26401 INOR_T1	5	2	-3	0.24	0.1	-0.14	0	0	0	0	0	0	0
2/18/2024 11:47	41002 LAUR_T2	70	75	5	0.38	0.66	0.28	-1.17	-1.17	0	0	0	0	0
2/18/2024 11:47	26402 INOR_T1	17	7	-10	0.28	0.4	0.12	-1.05	-1.03	1	1	0	600	600
2/18/2024 11:47	57401 SPAN_T1	2	0	-2	0.25	0	-0.25	-1.1	-1.08	1	1	0	600	600
2/18/2024 11:48	56503 ROCK_T2	53	9	-44	0.17	0.11	-0.06	0	0	0	0	0	0	0
2/18/2024 11:48	40602 PIGR_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
2/18/2024 11:49	67203 TEHI_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
2/18/2024 11:49	52503 PROG_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
2/18/2024 11:49	62607 ENGL_T1	1	1	0	0.2	0.2	0	0	0	0	0	0	0	0
2/18/2024 11:49	53801 MBRG_T2	2	0	-2	0.1	0	-0.1	0	0	0	0	0	0	0
2/18/2024 11:50	67402 WAKE_T2	0	0	0	0	0	0	-0.31	-0.33	1	1	0	600	600
2/18/2024 11:50	56503 ROCK_T2	53	9	-44	0.17	0.11	-0.06	0	0	0	0	0	0	0
2/18/2024 11:50	56501 ROCK_T2	466	489	23	0.57	0.61	0.04	-6.7	-6.78	0	0	0	0	0
2/18/2024 11:51	20403 ASHF_T2	1	1	0	0.4	0	-0.4	0.46	0.36	0	0	0	0	0
2/18/2024 11:51	24902 WHHA_T1	0	0	0	0	0	0	0.49	0.49	0	0	0	0	0
2/18/2024 11:52	59202 THOM_T1	73	65	-8	0.26	0.29	0.03	0	0	0	0	0	0	0
2/18/2024 11:52	56501 ROCK_T2	466	489	23	0.57	0.61	0.04	-2.23	-2.26	0	0	0	0	0
2/18/2024 11:52	67401 WAKE_T2	1	1	0	0.2	0.2	0	0	0	0	0	0	0	0
2/18/2024 11:54	59201 THOM_T1	10	9	-1	0.31	0.4	0.09	0	0	0	0	0	0	0
2/18/2024 11:54	45501 DERR_T2	0	0	0	0	0	0	-0.84	-0.86	2	2	0	1800	1800
2/18/2024 11:54	51109 CARL_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
2/18/2024 11:54	56802 BENV_T2	2	2	0	0.55	0.55	0	-2.64	-2.78	0	0	0	0	0
2/18/2024 11:54	56803 BENV_T1	1	1	0	1.5	0	-1.5	0	0	0	0	0	0	0
2/18/2024 11:54	40601 PIGR_T1	0	0	0	0	0	0	0	0	0	0	0

2/18/2024 12:13	13904 SEID_T1	45	67	22	0.59	0.8	0.21	0	0	0	0	0	0	0	0
2/18/2024 12:14	47002 HUGH_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/18/2024 12:15	46803 HEPB_T2	9	13	4	0.32	0.36	0.04	0	0	0	0	0	0	0	0
2/18/2024 12:20	67402 WAKE_T2	0	0	0	0	0	0	-0.32	-0.35	1	1	0	600	600	0
2/18/2024 12:21	62605 ENGL_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/18/2024 12:22	67401 WAKE_T2	1	1	0	0.2	0.2	0	0	0	0	0	0	0	0	0
2/18/2024 12:23	45501 DERR_T2	0	1	1	0	0.4	0.4	-1.68	-1.65	4	4	0	3600	3600	0
2/18/2024 12:24	45502 DERR_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/18/2024 12:26	45502 DERR_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/18/2024 12:28	45501 DERR_T2	0	1	1	0	0.4	0.4	-0.84	-0.82	2	2	0	1800	1800	0
2/18/2024 12:28	67401 WAKE_T2	1	1	0	0.2	0.2	0	0	0	0	0	0	0	0	0
2/18/2024 12:28	54503 ENOL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/18/2024 12:28	53903 HAU_T2	3	3	0	0.93	0.9	-0.03	-0.41	-0.37	0	0	0	0	0	0
2/18/2024 12:29	45501 DERR_T2	0	1	1	0	0.4	0.4	-0.84	-0.82	2	2	0	1800	1800	0
2/18/2024 12:29	40101 HUNT_T2	213	181	-32	0.72	0.66	-0.06	-0.47	-0.48	0	0	0	0	0	0
2/18/2024 12:30	40101 HUNT_T2	161	154	-7	0.65	0.66	0.01	-0.47	-0.48	0	0	0	0	0	0
2/18/2024 12:31	45502 DERR_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/18/2024 12:32	40101 HUNT_T2	161	154	-7	0.65	0.66	0.01	-0.47	-0.48	0	0	0	0	0	0
2/18/2024 12:36	59202 THOM_T1	39	115	76	0.34	0.27	-0.07	0	0	0	0	0	0	0	0
2/18/2024 12:37	51109 CARL_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/18/2024 12:38	53901 HAU_T2	1	1	0	0.2	0.5	0.3	0	0	0	0	0	0	0	0
2/18/2024 12:40	62106 ELAN_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/18/2024 12:40	51103 CARL_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/18/2024 12:41	51103 CARL_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/18/2024 12:44	12605 MACA_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/18/2024 12:44	62103 ELAN_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/18/2024 12:45	52002 LING_T2	1	1	0	0.1	0.2	0.1	-0.05	-0.06	0	0	0	0	0	0
2/18/2024 12:45	41002 LAUR_T2	87	95	8	0.45	0.42	-0.03	-1.16	-1.16	0	0	0	0	0	0
2/18/2024 12:47	52503 PROG_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/18/2024 12:49	65004 NEFF_T2	1	1	0	0.3	0.4	0.1	0	0	0	0	0	0	0	0
2/18/2024 12:51	56503 ROCK_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/18/2024 12:51	56802 BENV_T2	1	2	1	0.4	0.45	0.05	-1.35	-1.41	0	0	0	0	0	0
2/18/2024 12:52	42601 TUSC_T1	1	1	0	0.4	0	-0.4	-1.51	-1.52	2	2	0	1800	1800	0
2/18/2024 12:52	56801 BENV_T1	20	21	1	1.07	1.27	0.2	-0.65	-0.68	1	1	0	600	600	0
2/18/2024 12:52	56504 ROCK_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/18/2024 12:53	56503 ROCK_T2	9	8	-1	0.22	0.2	-0.02	-2.93	-2.86	0	0	0	0	0	0
2/18/2024 12:53	56503 ROCK_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/18/2024 12:53	60701 BREC_T1	3	6	3	0.5	0.4	-0.1	-0.5	-0.5	1	1	0	600	600	0
2/18/2024 12:53	56801 BENV_T1	20	21	1	1.07	1.27	0.2	-0.68	-0.68	1	1	0	600	600	0
2/18/2024 12:54	56501 ROCK_T2	9	8	-1	0.22	0.2	-0.02	-1.46	-1.43	0	0	0	0	0	0
2/18/2024 12:54	60701 BREC_T1	3	6	3	0.5	0.4	-0.1	-0.5	-0.5	1	1	0	600	600	0
2/18/2024 12:56	28604 BLYT_T2	0	0	0	0	0	0	-1.41	-1.39	0	0	0	0	0	0
2/18/2024 12:56	56501 ROCK_T2	9	8	-1	0.22	0.2	-0.02	-1.46	-1.43	0	0	0	0	0	0
2/18/2024 12:57	56802 BENV_T2	1	2	1	0.4	0.45	0.05	-1.41	-1.4	0	0	0	0	0	0
2/18/2024 12:57	22602 KIMB_T1	45	2	-43	0.23	0.25	0.02	0	0	0	0	0	0	0	0
2/18/2024 12:57	51102 CARL_T1	7	37	30	0.13	0.15	0.02	0	0	0	0	0	0	0	0
2/18/2024 13:02	59301 MCAL_T1	33	44	11	0.35	0.37	0.02	0	0	0	0	0	0	0	0
2/18/2024 13:06	44601 SALE_T2	0	0	0	0	0	0	-0.12	-0.1	0	0	0	0	0	0
2/18/2024 13:07	14404 SSLA_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/18/2024 13:07	44601 SALE_T2	0	0	0	0	0	0	-0.12	-0.1	0	0	0	0	0	0
2/18/2024 13:08	29401 BELT_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/18/2024 13:09	29401 BELT_T1	0	0	0	0	0	0	0	0	1	1	0	900	900	0
2/18/2024 13:10	65004 NEFF_T2	1	1	0	0.2	0.4	0.2	0	0	0	0	0	0	0	0
2/18/2024 13:15	42601 TUSC_T1	1	0	-1	0.1	0	-0.1	-1.6	-1.61	2	2	0	1800	1800	0
2/18/2024 13:17	44601 SALE_T2	0	0	0	0	0	0	-0.1	-0.08	0	0	0	0	0	0
2/18/2024 13:17	40601 PIGR_T1	0	2	2	0	0.35	0.35	0	0	0	0	0	0	0	0
2/18/2024 13:18	59302 MCAL_T1	1	3	2	0.1	0.23	0.13	-0.43	-0.46	1	1	0	600	600	0
2/18/2024 13:20	65004 NEFF_T2	1	1	0	0.4	0.4	0	0	0	0	0	0	0	0	0
2/18/2024 13:20	65701 RVIL_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/18/2024 13:22	28604 BLYT_T2	0	0	0	0	0	0	-1.39	-1.39	0	0	0	0	0	0
2/18/2024 13:22	44601 SALE_T2	0	0	0	0	0	0	-0.1	-0.08	0	0	0	0	0	0
2/18/2024 13:23	56802 BENV_T2	2	2	0	0.45	0.6	0.15	-1.4	-1.41	0	0	0	0	0	0
2/18/2024 13:26	56802 BENV_T2	2	2	0	0.45	0.6	0.15	-1.4	-1.41	0	0	0	0	0	0
2/18/2024 13:35	67401 WAKE_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/18/2024 13:36	65005 NEFF_T2	1	1	0	0.3	0.5	0.2	0	0	0	0	0	0	0	0
2/18/2024 13:36	67402 WAKE_T2	1	1	0	0.2	0.1	-0.1	-0.35	-0.35	1	1	0	600	600	0
2/18/2024 13:38	59202 THOM_T1	266	281	15	0.28	0.32	0.04	0	0	0	0	0	0	0	0
2/18/2024 13:39	56802 BENV_T2	2	2	0	0.4	0.6	0.2	-1.41	-1.43	0	0	0	0	0	0
2/18/2024 13:41	67401 WAKE_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/18/2024 13:41	56802 BENV_T2	2	2	0	0.4	0.6	0.2	-1.41	-1.43	0	0	0	0	0	0
2/18/2024 13:45	54501 ENOL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/18/2024 13:47	65503 MOJO_T2	10	16	6	0.14	0.24	0.1	-1.59	-1.62	1	1	0	900	900	0
2/18/2024 13:47	40101 HUNT_T2	12	40	28	0.58	0.79	0.21	-0.49	-0.5	0	0	0	0	0	0
2/18/2024 13:48	65502 MOJO_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/18/2024 13:49	14401 SSLA_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/18/2024 13:52	67402 WAKE_T2	1	0	-1	0.1	0	-0.1	-0.35	-0.36	1	1	0	600	600	0
2/18/2024 13:53	14404 SSLA_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/18/2024 13:55	24701 FLND_T2	1	5	4	0.8	0.4	-0.4	0	0	0	0	0	0	0	0
2/18/2024 13:57	67402 WAKE_T2	1	0	-1	0.1	0	-0.1	-0.36	-0.34	1	1	0	600	600	0
2/18/2024 13:58	42601 TUSC_T1	0	0	0	0	0	0	-1.65	-1.64	2	2	0	1800	1800	0
2/18/2024 14:02	55002 NEWP_T1	5	7	2	1.04	0.86	-0.18	0	0	0	0	0	0	0	0
2/18/2024 14:04	53902 HAU_T2	1	1	0	5.5	5.8	0.3	0	0	0	0	0	0	0	0
2/18/2024 14:04	49803 UNIV_T1	23	16	-7	0.17	0.14	-0.03	-1.03	-1.02	0	0	0	0	0	0
2/18/2024 14:05	67401 WAKE_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/18/2024 14:05	53902 HAU_T2	1	1	0	5.5	5.8	0.3	0	0	0	0	0	0	0	0
2/18/2024 14:06	53901 HAU_T2	1	1	0	0.7	0.2	-0.5	-1.42	-1.8	0	0	0	0	0	0
2/18/2024 14:06	67605 WARW_T1	35	35	0	0.5	0.63	0.13	-1.28	-1.25	0	0	0	0	0	0
2/18/2024 14:06	49803 UNIV_T1	23	16	-7	0.17	0.14	-0.03	-1.03	-1.02	0	0	0	0	0	0
2/18/2024 14:07	67401 WAKE_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/18/2024 14:07	67505 WEWI_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/18/2024 14:07	56802 BENV_T2	2	2	0	0.15	0.3	0.15	-1.43	-1.43	0	0	0	0	0	0
2/18/2024 14:07	49803 UNIV_T1	23	16	-7	0.17	0.14	-0.03	0	0	0	0	0	0	0	0
2/18/2024 14:07	67502 WEWI_T2	37	29	-8	0.26	0.31	0.05	-2.7	-2.77	2	2	0	1800	1800	0
2/18/2024 14:07	20401 ASHF_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/18/2024 14:07	67502 WEWI_T2	37	29	-8	0.26	0.31	0.05	-2.7	-2.77	2	2	0	1800	1800	0
2/18/2024 14:08	20401 ASHF_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/18/2024 14:08	59202 THOM_T1	195	184	-11	0.28	0.27	-0.01	0	0	0	0	0	0	0	0
2/18/2024 14:09	28602 BLYT_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/18/2024 14:09	49804 UNIV_T1	2	1	-1	0.15	0.1	-0.05	0.49	0.51	0	0	0	0	0	0
2/18/2024 14:09	67503 WEWI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/18/2024 14:10	60803 BUCK_T1	2	2	0	0.45	0.5	0.05	0	0	0	0	0	0	0	0
2/18/2024 14:10	67502 WEWI_T2	37	29	-8	0.26	0.31	0.05	-2.77	-2.74	2	2	0	1800	1800	0
2/18/2024 14:10	67501 WEWI_T1	0	0	0	0	0	0	-0.49	-0.6	0	0	0	0	0	0
2/18/2024 14:10	49804 UNIV_T1	2	1	-1	0.15	0.1	-0.05	0	0	0	0	0	0	0	0
2/18/2024 14:11	17802 GILB_T1	2	3	1	0.1	0.5	0.4	0.29	0.28	0	0	0	0	0	0
2/18/2024 14:11	24902 WHBA_T1	0	1	1	0	0	0	0.45	0.46	0	0	0	0	0	0
2/18/2024 14:12	17802 GILB_T1	2	3	1	0.1	0.5	0.4	0.87	0.84	0	0	0	0	0	0
2/18/2024 14:12	17804 GILB_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/18/2024 14:13	67401 WAKE_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/18/2024 14:13	17803 GILB_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/18/2024 14:14	17804 GILB_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/18/2024 14:14	26402 INOR_T1	33	30	-3	0.37	0.29	-0.08	-1.06	-1.06	1	1	0	600	600	0
2/18/2024 14:15	45701 LIND_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/18/2024 14:15	17803 GILB_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/18/2024 14:15	56802 BENV_T2	0	2	2	0	0.3	0.3	-1.43	-1.44	0	0	0	0	0	0
2/18/2024 14:16	64305 LINC_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/18/2024 14:16	26402 INOR_T1	15	30	15	0.29	0.29	0	-1.06	-1.06	1	1	0	600	600	0
2/18/2024 14:18	55002 NEWP_T1	5	7	2	1.1	0.77	-0.33	0	0	0	0	0	0	0	0
2/18/2024 14:18	53902 HAU_T2	1	1	0	5.6	5.8	0.2	0	0	0	0	0	0	0	0
2/18/2024 14:18	53902 HAU_T2	1	1	0	5.6	5.8	0.2	0	0	0	0	0	0	0	0
2/18/2024 14:19	55001 NEWP_T1	155	160	5	1.11	1.3	0.19	0	0	2	2	0	1200	1200	0
2/18/2024 14:19	65502 MOJO_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/18/2024 14:19	47401 PENS_T1	2	1	-1	0.8	1.6	0.8	0.96	0.97	0	0	0	0	0	0
2/18/2024 14:20	53902 HAU_T2	1	1	0	5.6	5.8	0.2	0	0	0	0	0	0	0	0
2/18/2024 14:20	41902 REED_T1	0	0	0	0	0	0	-0.03	0.05	1	1	0	900	900	0
2/18/2024 14:20	65003 NEFF_T2	2	2	0	0.3	0.3	0	0	0	0	0	0	0	0	0
2/18/2024 14:20	67902 WNHO_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/18/2024 14:20	47402 PENS_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/18/2024 14:20	40602 PIGR_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/18/2024 14:20	67402 WAKE_T2	0	0	0	0	0	0	-0.34	-0.35	1	1	0	600	600	0
2/18/2024 14:21	41903 REED_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/18/2024 14:21	67604 WARW_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/18/2024 14:21	67503 WEWI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/18/2024 14:21	55002 NEWP_T1	5	7	2	1.1	0.77	-0.33	0	0	0	0	0	0	0	0
2/18/2024 14:21	40601 PIGR_T1	2	2	0	0.4	0.4	0	0	0	0	0	0	0	0	0
2/18/2024 14:21	67201 TEHI_T1	104	105	1	0.84	0.91	0.07	-0.08	-0.07	0	0	0	0	0	0
2/18/2024 14:21	53903 HAU_T2	3	3	0	1.1	1.33	0.23	0	0	0	0	0	0	0	0
2/18/2024 14:22	43001 ALWD_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/18/2024 14:22	67502 WEWI_T2	29	4	-25	0.31	0.63	0.32	-1.39	-1.37	1	1	0	900	900	0
2/18/2024 14:22	56503 ROCK_T2	1	2	1	0.1	0.15	0.05	0	0	0	0	0	0	0	0
2/18/2024 14:22	44302 BEAV_T2	248	263	15	0.49	0.5	0.01	0	0	0	0	0	0	0	0
2/18/2024 14:22	56501 ROCK_T2	5	12	7	0.16	0.17	0.01	-1.5	-1.5	0	0	0	0	0	0
2/18/2024 14:23	65001 NEFF_T2	138	134	-4	0.17	0.16	-0.01	-1.25	-1.25	1	1	0	1200	1200	0
2/18/2024 14:23	60701 BREC_T1	6	6	0	0.52	0.55	0.03	-1.04	-1.02	2	2	0	1200	1200	0
2/18/2024 14:23	56802 BENV_T2	0	2	2	0	0.3	0.3	-1.44	-1.42	0	0	0	0	0	0
2/18/2024 14:23	67401 WAKE_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/18/2024 14:23	67503 WEWI_T2	0	0	0	0	0	0	-0.17	-0.16	0	0	0	0	0	0
2/18/2024 14:23	20401 ASHF_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/18/2024 14:23	44302 BEAV_T2	248	263	15	0.49	0.5	0.01	0	0	0	0	0	0	0	0
2/18/2024 14:23	67503 WEWI_T2	0	0	0	0	0	0	-0.17	-0.16	0	0	0	0	0	0
2/18/2024 14:24	56504 ROCK_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/18/2024 14:24	67905 WNHO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/18/2024 14:24	44301 BEAV_T2	9	11	2	0.54	0.46	-0.08	-0.36	-0.37	0	0	0	0	0	0
2/18/2024 14:24	20401 ASHF_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/18/2024 14:25	28602 BLYT_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/18/2024 14:25	67502 WEWI_T2	29	4	-25	0.31	0.63	0.32	-4.11	-4.19	3	3	0	2700	2700	0
2/18/2024 14:26	56802 BENV_T2	0	2	2	0	0.3	0.3	-1.44	-1.42	0	0	0	0	0	0
2/18/2024 14:26	67503 WEWI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/18/2024 14:26	23901 EFMO_T2	0	0	0	0	0	0	-0.81	-0.83	0	0	0	0	0	0
2/18/2024 14:26	40601 PIGR_T1	2	2	0	0.4	0.4	0	0	0	0	0	0	0	0	0
2/18/2024 14:26	44301 BEAV_T2	9	11	2	0.54	0.46	-0.08	0	0	0	0	0	0	0	0
2/18/2024 14:27	27101 GFLD_T2	0	0	0	0	0	0	0.34	0.3	0	0	0	0	0	0
2/18/2024 14:27	43001 ALWD_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/18/2024 14:28	53903 HAU_T2	3	3	0	1.1	1.33	0.23	-0.21	-0.25	0	0	0	0	0	0
2/18/2024 14:28	26402 INOR_T1	15	30	15	0.29	0.29	0	0	0	0	0	0	0	0	0
2/18/2024 14:28	40101 HUNT_T2	22	15	-7	0.71	0.35	-0.36	-1.04	-1.14	0	0	0	0	0	0
2/18/2024 14:28	67401 WAKE_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/18/2024 14:29	28702 HAML_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/18/2024 14:29	40101 HUNT_T2	22	15	-7	0.71	0.35	-0.36	-0.52	-0.57	0	0	0	0	0	0
2/18/2024 14:30	28701 HAML_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/18/2024 14:30	41002 LAUR_T2	100	96	-4	0.61	0.54	-0.07	-1.19	-1.19	0	0	0	0	0	0
2/18/2024 14:30	45704 LIND_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/18/2024 14:30	40101 HUNT_T2	12	17	5	0.29	0.46	0.17	-0.52	-0.57	0	0	0	0	0	0
2/18/2024 14:30	53903 HAU_T2	3	4	1	1.3	1.15	-0.15	-0.21	-0.25	0	0	0	0	0	0
2/18/2024 14:31	40101 HUNT_T2	12	17	5	0.29	0.46	0.17	-0.52	-0.57	0	0	0	0	0	0
2/18/2024 14:31	59302 MCAL_T1	1	1	0	0.5	0.7	0.2	-0.46	-0.46	1	1	0	600	600	0
2/18/2024 14:32	25402 LAHA_T2	1	4	3	0.9	0.4	-0.5	-0.36	-0.37	0	0	0	0	0	0
2/18/2024 14:32	65002 NEFF_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/18/2024 14:32	47402 PENS_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/18/2024 14:32

2/18/2024 14:39	67502 WEWI_T2	4	3	-1	0.63	0.6	-0.03	0	0	0	0	0	0	0
2/18/2024 14:39	56503 ROCK_T2	1	2	1	0.1	0.15	0.05	0	0	0	0	0	0	0
2/18/2024 14:39	29401 BELT_T1	0	1	1	0	0	0	0	0	1	1	0	900	900	0
2/18/2024 14:39	67401 WAKE_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/18/2024 14:39	57401 SPAN_T1	10	3	-7	0.25	0.37	0.12	-1.05	-1.05	1	1	0	600	600	0
2/18/2024 14:39	60701 BREC_T1	6	6	0	0.53	0.53	0	-0.51	-0.51	1	1	0	600	600	0
2/18/2024 14:39	57403 SPAN_T1	55	13	-42	0.34	0.3	-0.04	0.12	0.12	0	0	0	0	0	0
2/18/2024 14:40	67502 WEWI_T2	4	3	-1	0.63	0.6	-0.03	-4.19	-4.24	3	3	0	2700	2700	0
2/18/2024 14:40	29401 BELT_T1	0	1	1	0	0	0	0	0	3	3	0	2700	2700	0
2/18/2024 14:40	29401 BELT_T1	0	1	1	0	0	0	0	0	3	3	0	2700	2700	0
2/18/2024 14:41	61803 EEU_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/18/2024 14:41	29402 BELT_T1	1	4	3	5.7	1.48	-4.22	0	0	0	0	0	0	0	0
2/18/2024 14:41	28601 BLYT_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/18/2024 14:42	51101 CARL_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/18/2024 14:42	60803 BUCK_T1	2	2	0	0.45	0.2	-0.25	-1.04	-1.08	2	2	0	1200	1200	0
2/18/2024 14:42	40603 PIGR_T1	0	0	0	0	0	0	0.32	0.38	0	0	0	0	0	0
2/18/2024 14:42	27102 GFLD_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/18/2024 14:42	43001 ALWD_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/18/2024 14:43	26402 INOR_T1	30	25	-5	0.29	0.32	0.03	-1.05	-1.05	1	1	0	600	600	0
2/18/2024 14:44	67402 WAKE_T2	0	0	0	0	0	0	-0.33	-0.37	1	1	0	600	600	0
2/18/2024 14:44	40101 HUNT_T2	12	17	5	0.29	0.46	0.17	-1.14	-1.1	0	0	0	0	0	0
2/18/2024 14:45	40101 HUNT_T2	9	19	10	0.52	0.44	-0.08	-0.57	-0.55	0	0	0	0	0	0
2/18/2024 14:45	28704 HAML_T2	0	0	0	0	0	0	-0.06	-0.06	0	0	0	0	0	0
2/18/2024 14:45	41002 LAUR_T2	91	90	-1	0.55	0.47	-0.08	-1.19	-1.2	0	0	0	0	0	0
2/18/2024 14:45	26401 INOR_T1	5	6	1	0.22	0.25	0.03	0	0	0	0	0	0	0	0
2/18/2024 14:46	45701 LIND_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/18/2024 14:46	41002 LAUR_T2	91	90	-1	0.55	0.47	-0.08	-1.19	-1.2	0	0	0	0	0	0
2/18/2024 14:46	47402 PENS_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/18/2024 14:46	65001 NEFF_T2	114	87	-27	0.16	0.15	-0.01	-1.25	-1.22	1	1	0	1200	1200	0
2/18/2024 14:46	40101 HUNT_T2	9	19	10	0.52	0.44	-0.08	-0.57	-0.55	0	0	0	0	0	0
2/18/2024 14:47	40602 PIGR_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/18/2024 14:47	46803 HEPB_T2	0	1	1	0	0	0	0	0	0	0	0	0	0	0
2/18/2024 14:47	41903 REED_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/18/2024 14:49	57306 MOAL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/18/2024 14:49	53901 HAU_T2	2	2	0	0.2	0.15	-0.05	-1.92	-1.91	0	0	0	0	0	0
2/18/2024 14:49	53902 HAU_T2	1	1	0	5.7	5.8	0.1	0	0	0	0	0	0	0	0
2/18/2024 14:50	53903 HAU_T2	3	5	2	1.3	0.96	-0.34	-0.25	-0.24	0	0	0	0	0	0
2/18/2024 14:50	44201 POIN_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/18/2024 14:50	59202 THOM_T1	192	258	66	0.28	0.33	0.05	0	0	0	0	0	0	0	0
2/18/2024 14:50	53903 HAU_T2	3	5	2	1.3	0.96	-0.34	-0.25	-0.24	0	0	0	0	0	0
2/18/2024 14:50	47401 PENS_T1	1	1	0	0.5	0.9	0.4	0.91	0.88	0	0	0	0	0	0
2/18/2024 14:50	55002 NEWP_T1	7	7	0	0.69	0.74	0.05	0	0	0	0	0	0	0	0
2/18/2024 14:50	13704 SCHN_T2	0	0	0	0	0	0	-0.86	-0.85	0	0	0	0	0	0
2/18/2024 14:51	53902 HAU_T2	1	1	0	5.7	5.8	0.1	0	0	0	0	0	0	0	0
2/18/2024 14:51	56503 ROCK_T2	2	1	-1	0.15	0.1	-0.05	0	0	0	0	0	0	0	0
2/18/2024 14:51	57403 SPAN_T1	12	9	-3	0.31	0.31	0	0	0	0	0	0	0	0	0
2/18/2024 14:51	41903 REED_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/18/2024 14:51	13701 SCHN_T2	2	2	0	0.15	0.1	-0.05	0	0	0	0	0	0	0	0
2/18/2024 14:51	44601 SALE_T2	0	0	0	0	0	0	-0.11	-0.1	0	0	0	0	0	0
2/18/2024 14:52	40603 PIGR_T1	0	0	0	0	0	0	0.65	0.75	0	0	0	0	0	0
2/18/2024 14:52	44601 SALE_T2	0	0	0	0	0	0	-0.11	-0.1	0	0	0	0	0	0
2/18/2024 14:52	53902 HAU_T2	1	1	0	5.7	5.8	0.1	0	0	0	0	0	0	0	0
2/18/2024 14:52	67904 WNHO_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/18/2024 14:52	55001 NEWP_T1	159	159	0	1.29	1.09	-0.2	0	0	2	2	0	1200	1200	0
2/18/2024 14:52	56802 BENV_T2	2	2	0	0.2	0.35	0.15	-1.42	-1.4	0	0	0	0	0	0
2/18/2024 14:53	67605 WARW_T1	26	29	3	0.68	0.71	0.03	-1.24	-1.26	0	0	0	0	0	0
2/18/2024 14:53	53901 HAU_T2	2	2	0	0.2	0.15	-0.05	-1.91	-1.91	0	0	0	0	0	0
2/18/2024 14:53	59201 THOM_T1	15	14	-1	0.43	0.41	-0.02	0	0	0	0	0	0	0	0
2/18/2024 14:53	56802 BENV_T2	2	2	0	0.2	0.35	0.15	-1.4	-1.48	0	0	0	0	0	0
2/18/2024 14:54	56501 ROCK_T2	12	17	5	0.16	0.17	0.01	-1.51	-1.52	0	0	0	0	0	0
2/18/2024 14:55	24902 WHHA_T1	1	1	0	0.7	0.6	-0.1	0.45	0.41	0	0	0	0	0	0
2/18/2024 14:55	67401 WAKE_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/18/2024 14:56	29402 BELT_T1	1	6	5	5.6	1.2	-4.4	0	0	0	0	0	0	0	0
2/18/2024 14:57	26401 INOR_T1	5	6	1	0.22	0.25	0.03	-0.12	-0.14	0	0	0	0	0	0
2/18/2024 14:58	23902 EFMO_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/18/2024 14:58	65001 NEFF_T2	114	87	-27	0.16	0.15	-0.01	-1.22	-1.25	1	1	0	1200	1200	0
2/18/2024 14:59	52006 LNG_T2	3	3	0	0.83	0.93	0.1	0	0	0	0	0	0	0	0
2/18/2024 15:00	65002 NEFF_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/18/2024 15:00	53902 HAU_T2	1	1	0	5.8	5.9	0.1	0	0	0	0	0	0	0	0
2/18/2024 15:00	67402 WAKE_T2	0	0	0	0	0	0	-0.37	-0.4	1	1	0	600	600	0
2/18/2024 15:00	63202 MGTN_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/18/2024 15:03	40601 PIGR_T1	1	0	-1	0.1	0	-0.1	0	0	0	0	0	0	0	0
2/18/2024 15:05	67401 WAKE_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/18/2024 15:05	49804 UNIV_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/18/2024 15:07	14404 SSLA_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/18/2024 15:08	53901 HAU_T2	1	1	0	0.1	0.2	0.1	0	0	0	0	0	0	0	0
2/18/2024 15:08	40601 PIGR_T1	1	0	-1	0.1	0	-0.1	0	0	0	0	0	0	0	0
2/18/2024 15:09	20403 ASHF_T2	0	0	0	0	0	0	0.34	0.28	0	0	0	0	0	0
2/18/2024 15:10	67402 WAKE_T2	0	0	0	0	0	0	-0.4	-0.4	1	1	0	600	600	0
2/18/2024 15:10	20401 ASHF_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/18/2024 15:11	20403 ASHF_T2	0	0	0	0	0	0	0.34	0.28	0	0	0	0	0	0
2/18/2024 15:12	62602 ENGL_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/18/2024 15:13	62604 ENGL_T1	0	0	0	0	0	-2.24	-2.27	0	0	0	0	0	0	0
2/18/2024 15:13	41801 GOCI_T2	12	11	-1	0.22	0.18	-0.04	0	0	0	0	0	0	0	0
2/18/2024 15:14	62606 ENGL_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/18/2024 15:14	17802 GILB_T1	2	0	-2	0.25	0	-0.25	0.33	0.31	0	0	0	0	0	0
2/18/2024 15:14	40703 FILD_T1	3	3	0	0.47	0.43	-0.04	0	0	0	0	0	0	0	0
2/18/2024 15:14	40101 HUNT_T2	15	15	0	0.53	0.28	-0.25	-0.52	-0.55	0	0	0	0	0	0
2/18/2024 15:15	62607 ENGL_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/18/2024 15:17	13503 MCMI_T2	0	0	0	0	0	0	-0.73	-0.75	0	0	0	0	0	0
2/18/2024 15:18	44901 SCOT_T2	0	0	0	0	0	0	-0.48	-0.49	0	0	0	0	0	0
2/18/2024 15:18	40602 PIGR_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/18/2024 15:19	14403 SSLA_T1	0	0	0	0	0	0	0.13	0.13	1	1	0	600	600	0
2/18/2024 15:19	44901 SCOT_T2	0	0	0	0	0	0	-0.48	-0.49	0	0	0	0	0	0
2/18/2024 15:20	60605 NCOL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/18/2024 15:20	49804 UNIV_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/18/2024 15:23	14402 SSLA_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/18/2024 15:24	40603 PIGR_T1	0	0	0	0	0	0	0.36	0.32	0	0	0	0	0	0
2/18/2024 15:29	40101 HUNT_T2	14	8	-6	0.45	0.2	-0.25	-0.55	-0.5	0	0	0	0	0	0
2/18/2024 15:31	65004 NEFF_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/18/2024 15:34	40602 PIGR_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/18/2024 15:35	56501 ROCK_T2	22	38	16	0.16	0.16	0	-1.54	-1.53	0	0	0	0	0	0
2/18/2024 15:36	56501 ROCK_T2	22	38	16	0.16	0.16	0	-1.54	-1.53	0	0	0	0	0	0
2/18/2024 15:37	56504 ROCK_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/18/2024 15:37	56801 BENV_T1	19	21	2	1.29	0.9	-0.39	0	0	0	0	0	0	0	0
2/18/2024 15:38	56501 ROCK_T2	22	38	16	0.16	0.16	0	0	0	0	0	0	0	0	0
2/18/2024 15:39	40603 PIGR_T1	0	0	0	0	0	0	0.32	0.33	0	0	0	0	0	0
2/18/2024 15:39	56501 ROCK_T2	22	38	16	0.16	0.16	0	-1.53	-1.49	0	0	0	0	0	0
2/18/2024 15:42	65002 NEFF_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/18/2024 15:46	25404 LAHA_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/18/2024 15:47	26401 INOR_T1	5	5	0	0.22	0.18	-0.04	-0.11	-0.12	0	0	0	0	0	0
2/18/2024 15:48	57102 SPHI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/18/2024 15:49	13501 MCMI_T1	0	0	0	0	0	0	0.32	0.32	0	0	0	0	0	0
2/18/2024 15:50	40601 PIGR_T1	0	5	5	0	0.1	0.1	0	0	0	0	0	0	0	0
2/18/2024 15:52	49804 UNIV_T1	0	2	2	0	0.2	0.2	0	0	0	0	0	0	0	0
2/18/2024 15:52	67401 WAKE_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/18/2024 15:55	40602 PIGR_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/18/2024 15:56	29402 BELT_T1	16	3	-13	0.55	1.93	1.38	0	0	0	0	0	0	0	0
2/18/2024 15:58	67402 WAKE_T2	0	0	0	0	0	0	-0.4	-0.39	1	1	0	600	600	0
2/18/2024 16:03	65005 NEFF_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/18/2024 16:06	40602 PIGR_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/18/2024 16:08	65001 NEFF_T2	42	28	-14	0.13	0.13	0	-1.27	-1.17	1	1	0	1200	1200	0
2/18/2024 16:08	67402 WAKE_T2	0	0	0	0	0	0	-0.39	-0.36	1	1	0	600	600	0
2/18/2024 16:11	40601 PIGR_T1	1	4	3	0.1	0.1	0	0	0	0	0	0	0	0	0
2/18/2024 16:13	67401 WAKE_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/18/2024 16:24	67401 WAKE_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/18/2024 16:28	40101 HUNT_T2	16	67	51	0.35	0.39	0.04	-0.51	-0.46	0	0	0	0	0	0
2/18/2024 16:29	67402 WAKE_T2	0	0	0	0	0	0	-0.36	-0.39	1	1	0	600	600	0
2/18/2024 16:32	59202 THOM_T1	6	2	-4	0.4	0	-0.4	0	0	0	0	0	0	0	0
2/18/2024 16:36	13905 SEID_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/18/2024 16:43	24902 WHHA_T1	2	5	3	0.7	0.6	-0.1	0.45	0.45	0	0	0	0	0	0
2/18/2024 17:06	67401 WAKE_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/18/2024 17:11	65001 NEFF_T2	2	0	-2	0.1	0	-0.1	-1.26	-1.31	1	1	0	1200	1200	0
2/18/2024 17:11	67401 WAKE_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/18/2024 17:18	13503 MCMI_T2	0	3	3	0	0.13	0.13	-0.65	-0.64	0	0	0	0	0	0
2/18/2024 17:27	63303 GREE_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/18/2024 17:40	63306 GREE_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/18/2024 17:43	65004 NEFF_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/18/2024 17:51	20402 ASHF_T2	6	11	5	0.52	0.38	-0.14	0	0	0	0	0	0	0	0
2/18/2024 18:07	63302 GREE_T1	0	0	0	0	0	0	0	0	1	1	0	0	0	0
2/18/2024 18:40	65002 NEFF_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/18/2024 19:06	25402 LAHA_T2	11	15	4	0.56	0.32	-0.24	-0.42	-0.43	0	0	0	0	0	0
2/18/2024 19:08	29402 BELT_T1	1	1	0	5	5.4	0.4	0	0	0	0	0	0	0	0
2/18/2024 19:10	43104 SMIL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/18/2024 19:21	16302 ALPA_T2	0	0	0	0	0	0	-0.71	-0.71	0	0	0	0	0	0
2/18/2024 19:22	59402 RFLD_T2	0	0	0	0	0	0	-0.82	-0.8	1	1	0	450	450	0
2/18/2024 19:23	45502 DERR_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/18/2024 19:23	42601 TUSC_T1	0	0	0	0	0	0	-1.59	-1.5	2	2	0	1800	1800	0
2/18/2024 19:24	59101 WALK_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/18/2024 19:25	59202 THOM_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/18/2024 19:30	17804 GILB_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/18/2024 19:33	65005 NEFF_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/18/2024 19:33	55001 NEWP_T1	0	0	0	0	0	0	-0.89	-0.9	1	1	0	600	600	0
2/18/2024 19:34	13502 MCMI_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/18/2024 19:34	24901 WHHA_T1	1	0	-1	0.1	0	-0.1	0	0	0	0	0	0	0	0
2/18/2024 19:35	61306 EARL_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/18/2024 19:36	17805 GILB_T2	1	2	1	0.6	0	-0.6	0.24	0.26	0	0	0	0	0	0
2/18/2024 19:36	46206 DANV_T2	6	12	6	0.37	0.56	0.19	0	0	0	0	0	0	0	0
2/18/2024 19:36	26401 INOR_T1	7	7	0	0.29	0.27	-0.02	-0.05	-0.07	0	0	0	0	0	0
2/18/2024 19:38	65001 NEFF_T2	0	0	0	0	0	0	-1.29	-1.3	1	1	0	1200	1200	0
2/18/2024 19:38	43105 SMIL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/18/2024 19:38	16302 ALPA_T2	0	0	0	0	0	0	-0.74	-0.73	0	0	0	0	0	0
2/18/2024 19:39	28702 HAML_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/18/2024 19:39	26401 INOR_T1	7	7	0	0.29	0.27	-0.02	-0.07	-0.07	0	0	0	0	0	0
2/18/2024 19:39	40601 PIGR_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/18/2024 19:39	29401 BELT_T1	0	0	0	0	0	0	0	0	3	3	0	2700	2700	0
2/18/2024 19:39	46301 ROHR_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/18/2024 19:40	27502 WEIS_T2	0	0	0	0	0	0	-0.38	-0.44	0	0	0	0	0	0
2/18/2024 19:40	44601 SALE_T2	0	0	0	0	0	0	-0.1	-0.06	0	0	0	0	0	0
2/18/2024 19:41	27101 GFLD_T2	0	1	1	0	0	0	-0.21	-0.28	1	1	0	600	600	0
2/18/2024 19:41	24701 FLND_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/18/2024 19:42	29402 BELT_T1	1	1	0	5.4	5.3	-0.1	0	0	0	0	0	0	0	0
2/18/2024 19:42	27503 WEIS_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/18/2024 19:42	17802 GILB_T1	0	0	0	0	0	0	0.14	0.13	0	0	0	0	0	0
2/18/2024 19:43	65005 NEFF_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/18/2024 19:43	29402 BELT_T1	1	1	0	5.4	5.3	-0.1	0	0	0	0	0	0	0	0
2/18/2024 19:43	17804 GILB_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/18/2024 19:43	13501 MCMI_T1	2	3	1	1.3	1.25	-0.05	0.4	0.37	0	0	0	0	0	0
2/18/2024 19:43	45502 DERR_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/18/2024 19:43	16302 ALPA_T2	0	0	0	0	0	0	-0.74	-0.73	0	0	0	0	0	0
2/18/2024 19:43	26402 INOR_T1	18	22	4	0.23	0.25	0.02	-1.05	-1.07	1	1	0	600	600	0
2/18/2024 19

Appendix C - Grid Benefits Achieved in Each Instance of Active Management

2/18/2024 19:49	46203 DANV_T2	0	1	1	0	0	0	0	0	0	0	0	0	0	0
2/18/2024 19:49	53902 HALI_T2	1	1	0	4.8	5.3	0.5	0	0	0	0	0	0	0	0
2/18/2024 19:49	41601 CLEV_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/18/2024 19:49	29401 BELT_T1	0	0	0	0	0	0	0	0	1	1	0	900	900	0
2/18/2024 19:49	67903 WNHO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/18/2024 19:49	43402 BENT_T1	0	1	1	0	0.2	0.2	-0.91	-0.9	1	1	0	900	900	0
2/18/2024 19:49	43101 SMIL_T2	1	0	-1	1.8	0	-1.8	0	0	0	0	0	0	0	0
2/18/2024 19:49	43303 WATS_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/18/2024 19:49	56803 BENV_T1	1	1	0	0.1	0.1	0	-0.37	-0.42	0	0	0	0	0	0
2/18/2024 19:49	47401 PENS_T1	0	0	0	0	0	0	0.75	0.69	0	0	0	0	0	0
2/18/2024 19:49	17803 GILB_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/18/2024 19:49	13501 MCMI_T1	2	3	1	1.6	1.25	-0.35	0.4	0.37	0	0	0	0	0	0
2/18/2024 19:49	20402 ASHF_T2	6	8	2	0.8	0.85	0.05	0	0	0	0	0	0	0	0
2/18/2024 19:49	59201 THOM_T1	0	0	1	0	0	0	0	0	0	0	0	0	0	0
2/18/2024 19:49	63306 GREE_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/18/2024 19:49	45502 DERR_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/18/2024 19:49	52004 LING_T2	1	1	0	1	0.6	-0.4	0	0	0	0	0	0	0	0
2/18/2024 19:49	40101 HUNT_T2	260	298	38	0.71	0.7	-0.01	-0.47	-0.46	0	0	0	0	0	0
2/18/2024 19:49	44201 POIN_T1	0	0	0	0	0	0	0	0	1	1	0	1200	1200	0
2/18/2024 19:50	17804 GILB_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/18/2024 19:50	40602 PIGR_T1	0	1	1	0	0	0	-1.13	-1.16	1	1	0	600	600	0
2/18/2024 19:50	46204 DANV_T2	0	0	1	0	0	0	0	0	0	0	0	0	0	0
2/18/2024 19:50	65502 MOJO_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/18/2024 19:50	41602 CLEV_T1	1	1	0	1.3	0	-1.3	0	0	0	0	0	0	0	0
2/18/2024 19:50	43103 SMIL_T2	0	1	-1	0	0	0	0	0	0	0	0	0	0	0
2/18/2024 19:50	65001 NEFF_T2	0	0	0	0	0	0	-1.29	-1.3	1	1	0	1200	1200	0
2/18/2024 19:50	67503 WEWI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/18/2024 19:50	57403 SPAN_T1	0	0	0	0	0	0	0.12	0.13	0	0	0	0	0	0
2/18/2024 19:50	57403 SPAN_T1	0	0	0	0	0	0	0.12	0.13	0	0	0	0	0	0
2/18/2024 19:50	13503 MCMI_T2	0	0	0	0	0	0	-0.56	-0.61	0	0	0	0	0	0
2/18/2024 19:51	60801 BUCK_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/18/2024 19:51	46206 DANV_T2	11	11	0	0.51	0.66	0.15	0	0	0	0	0	0	0	0
2/18/2024 19:51	43304 WATS_T2	1	1	0	0.1	0	-0.1	-1.51	-1.44	0	0	0	0	0	0
2/18/2024 19:51	53902 HALI_T2	1	1	0	4.8	5.3	0.5	0	0	0	0	0	0	0	0
2/18/2024 19:51	41001 LAUR_T2	32	56	24	0.18	0.22	0.04	0	0	0	0	0	0	0	0
2/18/2024 19:51	48302 ORWI_T2	2	2	0	0.75	1	0.25	-0.49	-0.49	0	0	0	0	0	0
2/18/2024 19:51	44902 SCOT_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/18/2024 19:51	62607 ENGL_T1	1	1	0	1.7	1.3	-0.4	0	0	0	0	0	0	0	0
2/18/2024 19:51	45502 DERR_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/18/2024 19:51	49803 UNIV_T1	1	1	0	0.1	0	-0.1	-0.96	-0.99	0	0	0	0	0	0
2/18/2024 19:51	53903 HALI_T2	2	2	0	0.85	0.65	-0.2	-0.23	-0.24	0	0	0	0	0	0
2/18/2024 19:51	40601 PIGR_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/18/2024 19:51	65903 SAKR_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/18/2024 19:51	57401 SPAN_T1	0	0	0	0	0	0	-2.44	-2.73	2	2	0	1200	1200	0
2/18/2024 19:52	64301 LINC_T1	0	0	0	0	0	0	-0.43	-0.42	1	1	0	600	600	0
2/18/2024 19:52	67604 WARW_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/18/2024 19:52	55002 NEWP_T1	6	6	0	0.6	0.58	-0.02	0	0	0	0	0	0	0	0
2/18/2024 19:52	43108 SMIL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/18/2024 19:52	47403 PENS_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/18/2024 19:52	60801 BUCK_T1	0	0	0	0	0	0	-0.85	-0.85	1	1	0	600	600	0
2/18/2024 19:52	45502 DERR_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/18/2024 19:52	46002 BERW_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/18/2024 19:52	63306 GREE_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/18/2024 19:52	43201 MVIL_T2	0	0	0	0	0	0	-0.33	-0.32	0	0	0	0	0	0
2/18/2024 19:52	41802 GOCI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/18/2024 19:52	43201 MVIL_T2	0	0	0	0	0	0	-0.33	-0.32	0	0	0	0	0	0
2/18/2024 19:52	23901 EFMO_T2	0	1	1	0	0	0	-0.77	-0.77	0	0	0	0	0	0
2/18/2024 19:52	53903 HALI_T2	2	2	0	0.85	0.65	-0.2	0	0	0	0	0	0	0	0
2/18/2024 19:52	62604 ENGL_T1	0	1	1	0	0.2	0.2	-1.07	-1.12	0	0	0	0	0	0
2/18/2024 19:52	46701 RENO_T1	114	96	-18	0.32	0.32	0	0	0	0	0	0	0	0	0
2/18/2024 19:52	10801 CHHI_T1	0	0	0	0	0	0	-1.37	-1.38	2	2	0	1500	1500	0
2/18/2024 19:53	46203 DANV_T2	0	1	1	0	0	0	-2.28	-2.28	0	0	0	0	0	0
2/18/2024 19:53	47401 PENS_T1	0	0	0	0	0	0	0.69	0.7	0	0	0	0	0	0
2/18/2024 19:53	42202 SHEN_T2	2	2	0	0.4	0.2	-0.2	0	0	0	0	0	0	0	0
2/18/2024 19:53	43401 BENT_T1	0	1	1	0	0	0	0	0	0	0	0	0	0	0
2/18/2024 19:53	67502 WEWI_T2	0	0	0	0	0	0	-1.34	-1.36	1	1	0	900	900	0
2/18/2024 19:53	62601 ENGL_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/18/2024 19:53	61306 EARL_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/18/2024 19:53	40702 FFLD_T1	28	31	3	0.15	0.14	-0.01	-1.15	-1.16	1	1	0	1200	1200	0
2/18/2024 19:53	64801 MONE_T2	0	0	0	0	0	0	-0.23	-0.23	0	0	0	0	0	0
2/18/2024 19:53	42903 MIDD_T2	2	2	0	1.15	1.25	0.1	-0.15	-0.08	0	0	0	0	0	0
2/18/2024 19:53	53902 HALI_T2	1	1	0	4.8	5.3	0.5	0	0	0	0	0	0	0	0
2/18/2024 19:53	44302 BEAV_T2	27	43	16	0.17	0.2	0.03	0	0	0	0	0	0	0	0
2/18/2024 19:53	40101 HUNT_T2	260	298	38	0.71	0.7	-0.01	-0.46	-0.46	0	0	0	0	0	0
2/18/2024 19:53	55002 NEWP_T1	6	6	0	0.6	0.58	-0.02	-0.21	-0.2	0	0	0	0	0	0
2/18/2024 19:53	67504 WEWI_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/18/2024 19:53	10801 CHHI_T1	0	0	0	0	0	0	-1.38	-1.38	2	2	0	1500	1500	0
2/18/2024 19:54	43301 WATS_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/18/2024 19:54	29402 BELT_T1	1	1	0	5	5.3	0.3	0	0	0	0	0	0	0	0
2/18/2024 19:54	67503 WEWI_T2	0	0	0	0	0	0	0.02	-0.03	0	0	0	0	0	0
2/18/2024 19:54	65002 NEFF_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/18/2024 19:54	45502 DERR_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/18/2024 19:54	65902 SAKR_T2	0	1	1	0	0	0	0	0	0	0	0	0	0	0
2/18/2024 19:54	50102 HARR_T3	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/18/2024 19:54	57401 SPAN_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/18/2024 19:54	42903 MIDD_T2	0	2	2	0	0.15	0.15	0	0	0	0	0	0	0	0
2/18/2024 19:54	59101 WALK_T2	0	1	1	0	0	0	0.91	0.99	1	1	0	450	450	0
2/18/2024 19:54	55002 NEWP_T1	6	6	0	0.6	0.58	-0.02	-0.42	-0.4	0	0	0	0	0	0
2/18/2024 19:54	53903 HALI_T2	2	2	0	0.85	0.65	-0.2	-0.24	-0.24	0	0	0	0	0	0
2/18/2024 19:54	57302 MOAL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/18/2024 19:54	55002 NEWP_T1	6	6	0	0.6	0.58	-0.02	-0.42	-0.4	0	0	0	0	0	0
2/18/2024 19:55	43304 WATS_T2	1	1	0	0.1	0	-0.1	0	0	0	0	0	0	0	0
2/18/2024 19:55	67503 WEWI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/18/2024 19:55	41801 GOCI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/18/2024 19:55	67402 WAKE_T2	0	0	0	0	0	0	-0.35	-0.34	1	1	0	600	600	0
2/18/2024 19:55	44302 BEAV_T2	27	43	16	0.17	0.2	0.03	0	0	0	0	0	0	0	0
2/18/2024 19:55	46204 DANV_T2	0	1	1	0	0	0	0	0	0	0	0	0	0	0
2/18/2024 19:55	65502 MOJO_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/18/2024 19:55	13704 SCHN_T2	0	0	0	0	0	0	-0.78	-0.78	0	0	0	0	0	0
2/18/2024 19:55	56802 BENV_T2	0	0	0	0	0	0	-1.2	-1.28	0	0	0	0	0	0
2/18/2024 19:56	67503 WEWI_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/18/2024 19:56	67502 WEWI_T2	0	0	0	0	0	0	-1.34	-1.36	1	1	0	900	900	0
2/18/2024 19:56	62601 ENGL_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/18/2024 19:56	56501 ROCK_T2	10	61	51	0.14	0.2	0.06	0	0	0	0	0	0	0	0
2/18/2024 19:56	46204 DANV_T2	0	1	1	0	0	0	0	0	0	0	0	0	0	0
2/18/2024 19:56	46301 ROHR_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/18/2024 19:56	45702 LIND_T2	0	0	0	0	0	0	-1.75	-1.76	0	0	0	0	0	0
2/18/2024 19:56	40901 JESH_T1	1	1	0	0.3	0.2	-0.1	0	0	0	0	0	0	0	0
2/18/2024 19:56	53902 HALI_T2	1	1	0	4.8	5.3	0.5	0	0	0	0	0	0	0	0
2/18/2024 19:56	44301 BEAV_T2	3	3	0	0.8	0.35	-0.45	0	0	0	0	0	0	0	0
2/18/2024 19:56	14401 SSLA_T1	7	1	-6	0.7	0	-0.7	0	0	0	0	0	0	0	0
2/18/2024 19:56	57402 SPAN_T2	0	0	0	0	0	0	-0.5	-0.52	0	0	0	0	0	0
2/18/2024 19:56	61802 EELI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/18/2024 19:56	45501 DERR_T2	0	1	1	0	0.9	0.9	-0.63	-0.61	2	2	0	1800	1800	0
2/18/2024 19:56	54203 PENN_T1	18	18	0	0.92	0.96	0.04	0.73	0.7	0	0	0	0	0	0
2/18/2024 19:56	59202 THOM_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/18/2024 19:56	47402 PENS_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/18/2024 19:57	53802 MBRG_T2	0	0	0	0	0	0	-0.43	-0.45	0	0	0	0	0	0
2/18/2024 19:57	56503 ROCK_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/18/2024 19:57	53903 HALI_T2	2	2	0	0.85	0.65	-0.2	0	0	0	0	0	0	0	0
2/18/2024 19:57	50102 HARR_T3	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/18/2024 19:57	42901 MIDD_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/18/2024 19:57	67203 TEHI_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/18/2024 19:57	46803 HEPB_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/18/2024 19:57	43001 ALWD_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/18/2024 19:57	51104 CARL_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/18/2024 19:57	57403 SPAN_T1	0	0	0	0	0	0	0.13	0.15	0	0	0	0	0	0
2/18/2024 19:57	40101 HUNT_T2	260	298	38	0.71	0.7	-0.01	-0.46	-0.46	0	0	0	0	0	0
2/18/2024 19:57	59402 RFLD_T2	0	1	-1	0	0	0	-0.81	-0.8	1	1	0	450	450	0
2/18/2024 19:58	43301 WATS_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/18/2024 19:58	56504 ROCK_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/18/2024 19:58	54001 SDLE_T1	4	4	0	0.55	0.58	0.03	0	0	1	1	0	600	600	0
2/18/2024 19:58	40603 PIGR_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/18/2024 19:58	44301 BEAV_T2	3	3	0	0.8	0.35	-0.45	-0.95	-0.99	1	1	0	600	600	0
2/18/2024 19:58	55001 NEWP_T1	0	0	0	0	0	0	-0.87	-0.86	1	1	0	600	600	0
2/18/2024 19:58	42901 MIDD_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/18/2024 19:58	49803 UNIV_T1	1	1	0	0.1	0	-0.1	-0.99	-1.05	0	0	0	0	0	0
2/18/2024 19:58	59402 RFLD_T2	0	1	1	0	0	0	-0.81	-0.8	1	1	0	450	450	0
2/18/2024 19:59	60701 BREC_T1	0	0	0	0	0	0	-0.47	-0.46	1	1	0	600	600	0
2/18/2024 19:59	43301 WATS_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/18/2024 19:59	49804 UNIV_T1	0	1	1	0	0	0	0.54	0.5	0	0	0	0	0	0
2/18/2024 19:59	54001 SDLE_T1	4	4	0	0.55	0.58	0.03	0	0	1	1	0	600	600	0
2/18/2024 19:59	65903 SAKR_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/18/2024 19:59	60602 NCOL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/18/2024 19:59	57301 MOAL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/18/2024 19:59	20403 ASHF_T2	0	0	0	0	0	0	0.45	0.52	0	0	0	0	0	0
2/18/2024 19:59	53901 HALI_T2	0	0	0	0	0	0	-1.46	-1.45	0	0	0	0	0	0
2/18/2024 19:59	57403 SPAN_T1	0	0	0	0	0	0	0.13	0.15	0	0	0	0	0	0
2/18/2024 19:59	67502 WEWI_T2	0	0	0	0	0	0	-1.34	-1.36	1	1	0	900	900	0
2/18/2024 20:00	41001 LAUR_T2	40	63	23	0.19	0.3	0.11	0	0	0	0	0	0	0	0
2/18/2024 20:00	56504 ROCK_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/18/2024 20:00	63205 MGTN_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/18/2024 20:00	66702 STRA_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/18/2024 20:00	55002 NEWP_T1	6	6	0	0.58	0.52	-0.06	0	0	0	0	0	0	0	0
2/18/2024 20:00	40101 HUNT_T2	292	263	-29	0.9	0.6	-0.3	-0.46	-0.46	0	0	0	0	0	0
2/18/2024 20:01	56503 ROCK_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/18/2024 20:01	67906 WNHO_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/18/2024 20:01	43301 WATS_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/18/2024 20:01	54001 SDLE_T1	4	4	0	0.55	0.48	-0.07	0	0	1	1	0	600	600	0
2/18/2024 20:01	45402 WILO_T2	0	1	1	0	0.3	0.3	-0.5	-0.54	0	0	0	0	0	0
2/18/2024 20:03	45502 DERR_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/18/2024 20:03	54501 ENOL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/18/2024 20:03	41902 REED_T1	2	10	8	0.45	0.83	0.38	0.06	0.03	1	1	0	900	900	0
2/18/2024 20:04	43302 WATS_T2	0	3	3	0	0.1	0.1	0	0	0	0	0	0	0	0
2/18/2024 20:04	59101 WALK_T2	0	1	1	0	0	0	0	0	0	0	0	0	0	0
2/18/2024 20:04	65002 NEFF_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/18/2024 20:06	40101 HUNT_T2	292	263	-29	0.9	0.6	-0.3	-0.46	-0.46	0	0	0	0	0	0
2/18/2024 20:07	53901 HALI_T2	0	0	0	0	0	0	-2.92	-2.9	0	0	0	0	0	0
2/18/2024 20:08	58402 MORO_T1	0	0	0	0	0	0	-0.36	-0.35	2	2	0	1500	1500	0
2/18/2024 20:10	53902 HALI_T2	1	1	0	5.1	5.3	0.2	0	0	0	0	0	0	0	0
2/18/2024 20:16	60701 BREC_T1	0	0	0	0	0	0	-0.46	-0.42	1	1	0	600	600	0
2/18/2024 20:23	10805 CHHI_T2	6	7	1	1.6	1.73	0.13	-0.47	-0.35	0	0	0	0	0	0
2/18/2024 20:28	63302 GREE_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/18/2024 20:28	59202 THOM_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/18/2024 20:40	56504 ROCK_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/18/2024 20:52	65004 NEFF_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/18/2024 20:55	63304 GREE_T1	0	9	9	0	0.11	0.11	0	0	0	0	0	0	0	0
2/18/2024 21:16	63303 GREE_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/18/2024 21:21	65003 NEFF_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/18/2024 21:21	63304 GREE_T1	9	9	0	0.11	0.1	-0.01	0	0	0	0	0	0	0	0
2/18/2024 21:34	65002 NEFF_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/18/2024 21:49	65005 NEFF_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/18/2024 21:51	55001 NEWP_T1	0	0	0	0	0	0	-0.81	-0.83	1	1	0	600	600	0
2/18/2024

2/19/2024 8:23	43402 BENT_T1	0	0	0	0	0	0	-0.92	-0.9	1	1	0	900	900	0
2/19/2024 8:24	54501 ENOL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/19/2024 8:25	43402 BENT_T1	0	0	0	0	0	0	-0.92	-0.9	1	1	0	900	900	0
2/19/2024 8:25	54506 ENOL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/19/2024 8:26	49803 UNIV_T1	0	0	0	0	0	0	-1	-0.92	0	0	0	0	0	0
2/19/2024 8:30	59101 WALK_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/19/2024 8:40	54504 ENOL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/19/2024 8:41	54503 ENOL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/19/2024 8:42	54506 ENOL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/19/2024 8:45	54504 ENOL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/19/2024 8:58	53601 DALM_T2	1	1	0	1.3	1	-0.3	-0.85	-0.76	1	1	0	900	900	0
2/19/2024 9:00	24104 EHAZ_T1	37	57	20	0.16	0.26	0.1	0	0	0	0	0	0	0	0
2/19/2024 9:00	13502 MCMI_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/19/2024 9:00	65004 NEFF_T2	0	1	1	0	0.2	0.2	0	0	0	0	0	0	0	0
2/19/2024 9:00	62602 ENGL_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/19/2024 9:00	46003 BERW_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/19/2024 9:00	52004 LING_T2	0	0	0	0	0	0	0.31	0.3	0	0	0	0	0	0
2/19/2024 9:00	54503 ENOL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/19/2024 9:00	40101 HUNT_T2	119	102	-17	0.55	0.54	-0.01	-0.58	-0.56	0	0	0	0	0	0
2/19/2024 9:00	42901 MIDD_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/19/2024 9:00	59202 THOM_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/19/2024 9:00	59102 WALK_T2	0	0	0	0	0	0	-0.22	-0.26	1	1	0	600	600	0
2/19/2024 9:00	17803 GILB_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/19/2024 9:00	47101 MARL_T1	1	1	0	0.3	0	-0.3	-0.31	-1.09	0	0	0	0	0	0
2/19/2024 9:00	40503 CRES_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/19/2024 9:00	53501 EVIL_T2	0	1	1	0	0.5	0.5	-0.42	-0.5	1	1	0	600	600	0
2/19/2024 9:00	60701 BREC_T1	0	0	0	0	0	0	-0.33	-0.64	2	2	0	1200	1200	0
2/19/2024 9:00	53902 HALI_T2	1	1	0	5.9	6.1	0.2	0	0	0	0	0	0	0	0
2/19/2024 9:00	12304 LANA_T2	1	0	-1	0.2	0	-0.2	0	0	0	0	0	0	0	0
2/19/2024 9:00	10801 CHHI_T1	0	1	1	0	0.5	0.5	-0.47	-0.47	1	1	0	900	900	0
2/19/2024 9:00	43001 ALWD_T1	1	1	0	0.2	0.3	0.1	0	0	0	0	0	0	0	0
2/19/2024 9:00	47104 MARL_T1	0	0	0	0	0	0	-0.73	-0.76	0	0	0	0	0	0
2/19/2024 9:00	66301 MCGO_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/19/2024 9:00	40603 PIGR_T1	0	0	0	0	0	0	0.37	0.38	0	0	0	0	0	0
2/19/2024 9:00	45502 DERR_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/19/2024 9:03	43106 SMIL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/19/2024 9:06	13905 SEID_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/19/2024 9:06	43104 SMIL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/19/2024 9:06	61101 BERK_T5	0	1	1	0	0.5	0.5	-0.85	-0.9	0	0	0	0	0	0
2/19/2024 9:06	43001 ALWD_T1	1	1	0	0.2	0.3	0.1	0	0	0	0	0	0	0	0
2/19/2024 9:06	57403 SPAN_T1	0	5	5	0	0.12	0.12	0.19	0.14	0	0	0	0	0	0
2/19/2024 9:06	27504 WEIS_T1	1	0	-1	1.2	0	-1.2	-1.6	-1.64	0	0	0	0	0	0
2/19/2024 9:07	67402 WAKE_T2	0	0	0	0	0	0	0.26	0.28	1	1	0	600	600	0
2/19/2024 9:07	40502 CRES_T2	7	8	1	0.16	0.28	0.12	-0.58	-0.57	0	0	0	0	0	0
2/19/2024 9:07	60803 BUCK_T1	0	1	1	0	0.1	0.1	0	0	0	0	0	0	0	0
2/19/2024 9:07	55102 WERT_T2	0	0	0	0	0	0	-0.87	-0.87	0	0	0	0	0	0
2/19/2024 9:07	57403 SPAN_T1	0	5	5	0	0.12	0.12	0.19	0.14	0	0	0	0	0	0
2/19/2024 9:08	49804 UNIV_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/19/2024 9:08	46205 DANV_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/19/2024 9:08	27502 WEIS_T2	0	0	0	0	0	0	-0.33	-0.38	0	0	0	0	0	0
2/19/2024 9:08	41903 REED_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/19/2024 9:08	58401 MORO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/19/2024 9:09	53602 DALM_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/19/2024 9:09	27504 WEIS_T1	1	0	-1	1.2	0	-1.2	-0.82	-0.85	0	0	0	0	0	0
2/19/2024 9:10	61102 BERK_T5	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/19/2024 9:11	45502 DERR_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/19/2024 9:13	40101 HUNT_T2	119	102	-17	0.55	0.54	-0.01	-0.56	-0.53	0	0	0	0	0	0
2/19/2024 9:13	13503 MCMI_T2	0	0	0	0	0	0	-0.71	-0.72	0	0	0	0	0	0
2/19/2024 9:16	25402 LANA_T2	5	4	-1	0.44	0	-0.44	-0.39	-0.38	0	0	0	0	0	0
2/19/2024 9:21	43401 BENT_T1	0	2	2	0	0.7	0.7	0	0	0	0	0	0	0	0
2/19/2024 9:22	59102 WALK_T2	0	1	1	0	0.1	0.1	-0.26	-0.2	1	1	0	600	600	0
2/19/2024 9:23	43401 BENT_T1	0	2	2	0	0.7	0.7	0	0	0	0	0	0	0	0
2/19/2024 9:25	29401 BELT_T1	1	2	1	0.1	0.1	0	0	0	0	0	0	0	0	0
2/19/2024 9:25	28601 BLYT_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/19/2024 9:26	41802 GOCI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/19/2024 9:29	41801 GOCI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/19/2024 9:31	58402 MORO_T1	0	0	0	0	0	0	-0.73	-0.75	3	3	0	2400	2400	0
2/19/2024 9:38	46205 DANV_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/19/2024 9:38	56802 BENV_T2	3	9	6	0.27	0.29	0.02	-1.3	-1.31	0	0	0	0	0	0
2/19/2024 9:39	46205 DANV_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/19/2024 9:39	46206 DANV_T2	3	7	4	0.27	0.42	0.15	2.06	2.07	1	1	0	1200	1200	0
2/19/2024 9:40	54501 ENOL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/19/2024 9:40	56802 BENV_T2	3	9	6	0.27	0.29	0.02	-1.3	-1.31	0	0	0	0	0	0
2/19/2024 9:47	59002 MIFF_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/19/2024 9:47	55002 NEWP_T1	5	3	-2	0.36	0.7	0.34	-0.18	-0.18	0	0	0	0	0	0
2/19/2024 9:49	55002 NEWP_T1	5	3	-2	0.36	0.7	0.34	-0.36	-0.36	0	0	0	0	0	0
2/19/2024 9:49	67002 STHI_T2	62	59	-3	0.2	0.21	0.01	0.67	0.69	0	0	0	0	0	0
2/19/2024 9:50	56504 ROCK_T2	0	0	0	0	0	0	-0.27	-0.16	0	0	0	0	0	0
2/19/2024 9:50	14404 SSLA_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/19/2024 9:50	67502 WEWI_T2	1	2	1	0.9	0.75	-0.15	-0.08	-0.1	0	0	0	0	0	0
2/19/2024 9:51	43301 WATS_T2	0	1	1	0	0	0	0	0	0	0	0	0	0	0
2/19/2024 9:51	46701 RENO_T1	194	144	-50	0.43	0.39	-0.04	0	0	0	0	0	0	0	0
2/19/2024 9:51	67002 STHI_T2	62	59	-3	0.2	0.21	0.01	0.67	0.69	0	0	0	0	0	0
2/19/2024 9:52	14404 SSLA_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/19/2024 9:52	24902 WHHA_T1	2	1	-1	2.45	0	-2.45	0.51	0.51	0	0	0	0	0	0
2/19/2024 9:53	29402 BELT_T1	1	21	20	6.8	0.55	-6.25	0	0	0	0	0	0	0	0
2/19/2024 9:54	20403 ASHF_T2	0	0	0	0	0	0	0.32	0.32	0	0	0	0	0	0
2/19/2024 9:54	10801 CHHI_T1	1	1	0	1.1	1.7	0.6	-0.63	-0.72	1	1	0	900	900	0
2/19/2024 9:55	20403 ASHF_T2	0	0	0	0	0	0	0.32	0.32	0	0	0	0	0	0
2/19/2024 9:55	29402 BELT_T1	1	21	20	6.8	0.55	-6.25	0	0	0	0	0	0	0	0
2/19/2024 9:58	54502 ENOL_T2	0	1	1	0	0.4	0.4	0	0	0	0	0	0	0	0
2/19/2024 9:59	54501 ENOL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/19/2024 9:59	54504 ENOL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/19/2024 10:01	13503 MCMI_T2	0	3	3	0	0.5	0.5	-0.73	-0.72	0	0	0	0	0	0
2/19/2024 10:02	54206 PENN_T2	3	3	0	0.17	0.27	0.1	0	0	0	0	0	0	0	0
2/19/2024 10:02	40602 PIGR_T1	0	1	1	0	0	0	0	0	0	0	0	0	0	0
2/19/2024 10:03	54206 PENN_T2	3	3	0	0.17	0.27	0.1	0	0	0	0	0	0	0	0
2/19/2024 10:03	57303 MOAL_T2	1	1	0	6.8	6.7	-0.1	0	0	0	0	0	0	0	0
2/19/2024 10:03	25502 MADI_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/19/2024 10:03	55002 NEWP_T1	2	5	3	0.55	0.48	-0.07	-0.18	-0.18	0	0	0	0	0	0
2/19/2024 10:03	43202 MVIL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/19/2024 10:04	57303 MOAL_T2	1	1	0	6.8	6.7	-0.1	0	0	0	0	0	0	0	0
2/19/2024 10:04	67201 TEHI_T1	3	36	33	0.43	0.25	-0.18	0	0	0	0	0	0	0	0
2/19/2024 10:05	55002 NEWP_T1	2	5	3	0.55	0.48	-0.07	-0.36	-0.36	0	0	0	0	0	0
2/19/2024 10:06	67604 WARW_T1	0	1	1	0	0.1	0.1	0	0	0	0	0	0	0	0
2/19/2024 10:06	46302 ROHR_T1	4	2	-2	0.85	1.2	0.35	0.21	0.23	0	0	0	0	0	0
2/19/2024 10:07	46302 ROHR_T1	4	2	-2	0.85	1.2	0.35	0.21	0.23	0	0	0	0	0	0
2/19/2024 10:07	14404 SSLA_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/19/2024 10:07	56801 BENV_T1	22	31	9	0.88	0.92	0.04	-0.63	-0.65	1	1	0	600	600	0
2/19/2024 10:07	67503 WEWI_T2	0	0	0	0	0	0	-0.06	-0.03	0	0	0	0	0	0
2/19/2024 10:07	40601 PIGR_T1	1	2	1	0.3	0.35	0.05	0	0	0	0	0	0	0	0
2/19/2024 10:07	56802 BENV_T2	8	6	-2	0.31	0.33	0.02	-2.63	-2.46	0	0	0	0	0	0
2/19/2024 10:08	45501 DERR_T2	0	2	2	0	0	0	2.39	2.31	4	4	0	3600	3600	0
2/19/2024 10:08	43001 ALWD_T1	1	1	0	0.5	0.5	0	0	0	0	0	0	0	0	0
2/19/2024 10:08	67203 TEHI_T1	10	5	-5	0.26	0	-0.26	0	0	0	0	0	0	0	0
2/19/2024 10:08	56802 BENV_T2	8	6	-2	0.31	0.33	0.02	-3.68	-3.88	0	0	0	0	0	0
2/19/2024 10:09	29402 BELT_T1	20	9	-11	0.57	1.03	0.46	0	0	0	0	0	0	0	0
2/19/2024 10:09	54505 ENOL_T2	1	2	1	0.8	0.45	-0.35	0	0	0	0	0	0	0	0
2/19/2024 10:09	59102 WALK_T2	0	2	2	0	0.2	0.2	0	0	0	0	0	0	0	0
2/19/2024 10:09	56801 BENV_T1	22	31	9	0.88	0.92	0.04	-0.65	-0.66	1	1	0	600	600	0
2/19/2024 10:10	54503 ENOL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/19/2024 10:10	54501 ENOL_T2	0	0	0	0	0	0	0.12	0.11	0	0	0	0	0	0
2/19/2024 10:10	46003 BERW_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/19/2024 10:10	56802 BENV_T2	8	6	-2	0.31	0.33	0.02	-2.46	-2.59	0	0	0	0	0	0
2/19/2024 10:11	49803 UNIV_T1	15	12	-3	0.13	0.13	0	-1.08	-1.05	0	0	0	0	0	0
2/19/2024 10:12	24103 EHAZ_T1	3	3	0	0	0	0	0	0	0	0	0	0	0	0
2/19/2024 10:12	53902 HALI_T2	1	1	0	5.7	5.5	-0.2	0	0	0	0	0	0	0	0
2/19/2024 10:14	54505 ENOL_T2	1	2	1	0.8	0.45	-0.35	-1.2	-1.21	1	1	0	600	600	0
2/19/2024 10:14	54506 ENOL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/19/2024 10:15	54504 ENOL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/19/2024 10:15	53903 HALI_T2	2	4	2	1.4	0.9	-0.5	-0.45	-0.37	0	0	0	0	0	0
2/19/2024 10:15	54505 ENOL_T2	1	2	1	0.8	0.7	-0.1	0	0	0	0	0	0	0	0
2/19/2024 10:16	65002 NEFF_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/19/2024 10:17	45701 LIND_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/19/2024 10:17	24105 EHAZ_T1	12	16	4	2.25	5.45	3.2	-1.9	-1.87	1	1	0	1200	1200	0
2/19/2024 10:18	40601 PIGR_T1	2	3	1	0.35	0.33	-0.02	0	0	0	0	0	0	0	0
2/19/2024 10:19	56503 ROCK_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/19/2024 10:20	48303 ORWI_T2	0	1	1	0	0.2	0.2	0	0	0	0	0	0	0	0
2/19/2024 10:20	41902 REED_T1	0	0	0	0	0	0	0.28	0.26	1	1	0	900	900	0
2/19/2024 10:21	15001 BLMO_T1	0	1	1	0	0.1	0.1	0	0	0	0	0	0	0	0
2/19/2024 10:22	41902 REED_T1	0	0	0	0	0	0	0.28	0.26	1	1	0	900	900	0
2/19/2024 10:22	56504 ROCK_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/19/2024 10:23	40603 PIGR_T1	0	0	0	0	0	0	0.39	0.39	0	0	0	0	0	0
2/19/2024 10:23	57403 SPAN_T1	4	18	14	0.28	0.33	0.05	0.15	0.09	0	0	0	0	0	0
2/19/2024 10:23	15001 BLMO_T1	0	1	1	0	0.1	0.1	0	0	0	0	0	0	0	0
2/19/2024 10:23	65902 SAXR_T2	0	0	0	0	0	0	-0.33	-0.23	1	1	0	300	300	0
2/19/2024 10:24	59102 WALK_T2	0	2	2	0	0.2	0.2	-0.04	-0.19	1	1	0	600	600	0
2/19/2024 10:24	29401 BELT_T1	4	1	-3	0.18	0.1	-0.08	0	0	0	0	0	0	0	0
2/19/2024 10:25	54506 ENOL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/19/2024 10:25	44301 BEAV_T2	1	2	1	2.1	1.4	-0.7	0.41	0.45	2	2	0	1500	1500	0
2/19/2024 10:25	29401 BELT_T1	4	1	-3	0.18	0.1	-0.08	0	0	1	1	0	900	900	0
2/19/2024 10:26	29401 BELT_T1	4	1	-3	0.18	0.1	-0.08	0	0	0	0	0	0	0	0
2/19/2024 10:26	27102 GFLD_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/19/2024 10:26	23902 EFMO_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/19/2024 10:26	54502 ENOL_T2	1	1	0	0.3	0.4	0.1	0	0	0	0	0	0	0	0
2/19/2024 10:26	15001 BLMO_T1	0	1	1	0	0.1	0.1	0	0	0	0	0	0	0	0
2/19/2024 10:27	54502 ENOL_T2	1	1	0	0.3	0.4	0.1	0	0	0	0	0	0	0	0
2/19/2024 10:27	17805 GILB_T2	1	1	0	0.3	0	-0.3	0.34	0.28	0	0	0	0	0	0
2/19/2024 10:28	24101 EHAZ_T1	35	67	32	0.71	1.29	0.58	0	0	0	0	0	0	0	0
2/19/2024 10:28	54501 ENOL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/19/2024 10:29	54501 ENOL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/19/2024 10:30	54501 ENOL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/19/2024 10:31	55001 NEWP_T1	0	1	1	0	0.2	0.2	-0.74	-0.13	1	0	-1	600	0	-600
2/19/2024 10:31	65001 NEFF_T2	0	1	1	0	0.1	0.1	-0.48	-0.58	1	1	0	1200	1200	0
2/19/2024 10:33	24101 EHAZ_T1	56	70	14	1.29	1.28	-0.01	0	0	0	0	0	0	0	0
2/19/2024 10:33	54205 PENN_T1	75	77	2	0.16	0.2	0.04	0	0	0	0	0	0	0	0
2/19/2024 10:34	55001 NEWP_T1	0	1	1	0	0.2	0.2	-0.74	-0.13	1	0	-1	600	0	-600
2/19/2024 10:35	67502 WEWI_T2	2	2	0	0.75	1.15	0.4	-0.07	-0.02	0	0	0	0	0	0
2/19/2024 10:36	54601 SUMM_T2	8	11	3	0.39	0.68	0.29	-3.73	-3.65	4	4	0	4200	4200	0
2/19/2024 10:37	54601 SUMM_T2	8	11	3	0.39	0.68	0.29	-1.87	-1.83	2	2	0	2100	2100	0
2/19/2024 10:37	44301 BEAV_T2	1	1	0	1.4	1.4	0	0.41	0.45	2	2	0	1500	1500	0
2/19/2024 10:38	54602 SUMM_T2	7	16	9	0.14	0.31	0.17	0	0	0	0	0	0	0	0
2/19/2024 10:38	45402 WILO_T2	1	2	1	1.2	1.1	-0.1	-0.65	-0.64	0	0	0	0	0	0
2/19/2024 10:39	67503 WEWI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/19/2024 10:39	67605 WARW_T1	24	43	19	0.45	0.55	0.1	-1.06	-1.13	0	0	0	0	0	0
2/19/2024 10:40	54506 ENOL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/19/2024 10:40	44301 BEAV_T2	1	1	0	1.4	1.4	0	0.9	1.03	4	4	0	3000	3000	0
2/19/2024 10:41	54506 ENOL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/19/2024 10:42	28704 HAML_T2	0	0	0	0	0	0	-0.09	-0.1	0	0	0	0	0	0
2/19/2024 10:43	26402 INOR_T1	1	2	1	0.8	0.65	-0.15	0	0	0	0	0	0	0	0
2/19/2024 10:44

2/19/2024 10:56	29401 BELT_T1	1	15	14	0.1	0.15	0.05	0	0	0	0	0	0	0
2/19/2024 10:57	54501 ENOL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
2/19/2024 10:57	54504 ENOL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
2/19/2024 10:58	52004 LING_T2	4	4	0	0.73	0.58	-0.15	0.25	0.24	0	0	0	0	0
2/19/2024 10:58	40101 HUNT_T2	206	35	-171	0.56	0.31	-0.25	-1.48	-1.7	0	0	0	0	0
2/19/2024 10:59	64201 KINZ_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
2/19/2024 10:59	53502 EVIL_T2	1	0	-1	0.1	0	-0.1	0	0	0	0	0	0	0
2/19/2024 10:59	51103 CARL_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
2/19/2024 10:59	40101 HUNT_T2	206	35	-171	0.56	0.31	-0.25	-0.49	-0.57	0	0	0	0	0
2/19/2024 11:00	54504 ENOL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
2/19/2024 11:00	54504 ENOL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
2/19/2024 11:00	54502 ENOL_T2	1	1	0	0.2	0.2	0	0	0	0	0	0	0	0
2/19/2024 11:00	42901 MIDD_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
2/19/2024 11:01	64802 MONE_T2	2	4	2	0.55	0.45	-0.1	0	0	0	0	0	0	0
2/19/2024 11:01	64703 LITI_T2	10	18	8	0.1	0.16	0.06	0	0	0	0	0	0	0
2/19/2024 11:02	64702 LITI_T2	2	32	30	0.1	0.15	0.05	-0.83	-0.83	0	0	0	0	0
2/19/2024 11:02	40101 HUNT_T2	29	120	91	0.43	0.33	-0.1	-0.49	-0.57	0	0	0	0	0
2/19/2024 11:02	59402 RFLD_T2	0	0	0	0	0	0	-0.6	-0.63	1	1	0	450	450
2/19/2024 11:03	59402 RFLD_T2	0	0	0	0	0	0	-0.6	-0.63	1	1	0	450	450
2/19/2024 11:03	51101 CARL_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
2/19/2024 11:03	60603 NCOL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
2/19/2024 11:03	65502 MOJO_T2	0	84	84	0	0.13	0.13	0	0	0	0	0	0	0
2/19/2024 11:04	65503 MOJO_T2	3	12	9	0.57	0.37	-0.2	-1.21	-1.18	1	1	0	900	900
2/19/2024 11:05	40601 PIGR_T1	4	5	1	0.28	0.34	0.06	0	0	0	0	0	0	0
2/19/2024 11:05	57401 SPAN_T1	2	5	3	0.7	0.52	-0.18	0	0	0	0	0	0	0
2/19/2024 11:05	16302 ALPA_T2	0	0	0	0	0	0	-0.61	-0.5	0	0	0	0	0
2/19/2024 11:05	54206 PENN_T2	8	10	2	0.19	0.22	0.03	0	0	0	0	0	0	0
2/19/2024 11:05	67001 STHI_T2	262	483	221	0.15	0.21	0.06	0	0	0	0	0	0	0
2/19/2024 11:06	67002 STHI_T2	73	165	92	0.27	0.25	-0.02	1.32	1.36	0	0	0	0	0
2/19/2024 11:06	56503 ROCK_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
2/19/2024 11:06	59402 RFLD_T2	0	0	0	0	0	0	-0.6	-0.63	1	1	0	450	450
2/19/2024 11:07	67002 STHI_T2	73	165	92	0.27	0.25	-0.02	0.66	0.68	0	0	0	0	0
2/19/2024 11:07	65003 NEFF_T2	2	3	1	0.3	0.47	0.17	0	0	0	0	0	0	0
2/19/2024 11:07	43001 ALWD_T1	1	3	2	0.6	0.43	-0.17	0	0	0	0	0	0	0
2/19/2024 11:07	16302 ALPA_T2	0	0	0	0	0	0	-0.61	-0.5	0	0	0	0	0
2/19/2024 11:07	67401 WAKE_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
2/19/2024 11:08	16302 ALPA_T2	0	0	0	0	0	0	-0.5	-0.58	0	0	0	0	0
2/19/2024 11:08	67001 STHI_T2	262	483	221	0.15	0.21	0.06	0	0	0	0	0	0	0
2/19/2024 11:08	57401 SPAN_T1	2	5	3	0.7	0.52	-0.18	0	0	0	0	0	0	0
2/19/2024 11:10	16302 ALPA_T2	0	0	0	0	0	0	-0.5	-0.58	0	0	0	0	0
2/19/2024 11:10	54506 ENOL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
2/19/2024 11:10	40603 PIGR_T1	1	1	0	0.1	0.2	0.1	0.41	0.45	0	0	0	0	0
2/19/2024 11:10	61802 EELI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
2/19/2024 11:11	54506 ENOL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
2/19/2024 11:11	54506 ENOL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
2/19/2024 11:11	17802 GILB_T1	2	3	1	1.05	1.2	0.15	0.3	0.26	0	0	0	0	0
2/19/2024 11:12	54503 ENOL_T2	0	0	0	0	0	0	-1.88	-1.85	1	1	0	600	600
2/19/2024 11:12	43001 ALWD_T1	1	3	2	0.6	0.43	-0.17	0	0	0	0	0	0	0
2/19/2024 11:12	54502 ENOL_T2	1	1	0	0.2	0.2	0	-1.16	-1.16	1	1	0	600	600
2/19/2024 11:12	60102 COCA_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
2/19/2024 11:12	54506 ENOL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
2/19/2024 11:12	17802 GILB_T1	2	3	1	1.05	1.2	0.15	0.9	0.78	0	0	0	0	0
2/19/2024 11:13	66701 STRA_T1	0	1	1	0	0.1	0.1	0	0	0	0	0	0	0
2/19/2024 11:13	54504 ENOL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
2/19/2024 11:13	60101 COCA_T1	2	2	0	0.2	0.4	0.2	0.47	0.49	0	0	0	0	0
2/19/2024 11:13	67402 WAKE_T2	0	0	0	0	0	0	0.47	0.49	1	1	0	600	600
2/19/2024 11:14	54505 ENOL_T2	1	2	1	0.9	0.7	-0.2	0	0	0	0	0	0	0
2/19/2024 11:14	41801 GOCI_T2	1	7	6	0.7	0.46	-0.24	0	0	0	0	0	0	0
2/19/2024 11:14	59202 THOM_T1	0	1	1	0	2	2	0	0	0	0	0	0	0
2/19/2024 11:15	54504 ENOL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
2/19/2024 11:16	64303 LINC_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
2/19/2024 11:17	64703 LITI_T2	12	20	8	0.13	0.19	0.06	0	0	0	0	0	0	0
2/19/2024 11:18	64702 LITI_T2	3	57	54	0.1	0.16	0.06	-0.83	-0.91	0	0	0	0	0
2/19/2024 11:18	54204 PENN_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
2/19/2024 11:18	67001 STHI_T2	371	535	164	0.17	0.25	0.08	0.11	0.11	0	0	0	0	0
2/19/2024 11:18	13302 ORVI_T2	2	3	1	0.45	0.57	0.12	1.12	1.06	0	0	0	0	0
2/19/2024 11:19	65503 MOJO_T2	3	14	11	0.77	0.39	-0.38	-1.18	-1.21	1	1	0	900	900
2/19/2024 11:19	65502 MOJO_T2	2	99	97	0.15	0.12	-0.03	-1.13	-1.24	1	1	0	900	900
2/19/2024 11:20	46302 ROHR_T1	4	4	0	0.5	1.08	0.58	0.44	0.38	0	0	0	0	0
2/19/2024 11:20	67002 STHI_T2	106	209	103	0.27	0.25	-0.02	0	0	0	0	0	0	0
2/19/2024 11:20	65503 MOJO_T2	3	14	11	0.77	0.39	-0.38	-1.18	-1.21	1	1	0	900	900
2/19/2024 11:20	57401 SPAN_T1	4	9	5	0.55	0.29	-0.26	0	0	0	0	0	0	0
2/19/2024 11:21	55103 WERT_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
2/19/2024 11:22	44302 BEAV_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
2/19/2024 11:22	10705 CATA_T2	0	2	2	0	0.75	0.75	-0.8	-0.85	1	1	0	900	900
2/19/2024 11:22	57401 SPAN_T1	4	9	5	0.55	0.29	-0.26	-1.08	-1.1	1	1	0	600	600
2/19/2024 11:22	61101 BERK_T5	1	1	0	0.2	0.4	0.2	0	0	0	0	0	0	0
2/19/2024 11:22	43001 ALWD_T1	1	3	2	0.5	0.43	-0.07	0	0	0	0	0	0	0
2/19/2024 11:23	61103 BERK_T5	4	9	5	0.23	0.42	0.19	0.08	0.1	0	0	0	0	0
2/19/2024 11:23	67002 STHI_T2	106	209	103	0.27	0.25	-0.02	0	0	0	0	0	0	0
2/19/2024 11:23	44301 BEAV_T2	3	10	7	0.67	0.47	-0.2	0.43	0.21	2	2	0	1500	1500
2/19/2024 11:24	60101 COCA_T1	1	4	3	0.5	0.38	-0.12	0.49	0.45	0	0	0	0	0
2/19/2024 11:24	41602 CLEV_T1	1	1	0	0.2	0.6	0.4	0	0	0	0	0	0	0
2/19/2024 11:25	41601 CLEV_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
2/19/2024 11:25	49804 UNIV_T1	0	0	0	0	0	0	0.49	0.53	0	0	0	0	0
2/19/2024 11:25	44301 BEAV_T2	3	10	7	0.67	0.47	-0.2	0.43	0.21	2	2	0	1500	1500
2/19/2024 11:26	54505 ENOL_T2	2	2	0	0.6	0.55	-0.05	-2.48	-2.48	2	2	0	1200	1200
2/19/2024 11:26	49803 UNIV_T1	4	4	3	0.5	0.28	-0.22	-1.12	-1.09	0	0	0	0	0
2/19/2024 11:27	29401 BELT_T1	15	28	13	0.15	0.17	0.02	0	0	1	1	0	900	900
2/19/2024 11:27	10707 CATA_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
2/19/2024 11:28	40902 JESH_T1	0	0	0	0	0	0	-0.52	-0.46	0	0	0	0	0
2/19/2024 11:28	54506 ENOL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
2/19/2024 11:28	54506 ENOL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
2/19/2024 11:28	43001 ALWD_T1	1	3	2	0.5	0.43	-0.07	0	0	0	0	0	0	0
2/19/2024 11:29	54501 ENOL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
2/19/2024 11:29	64902 MILL_T2	0	0	0	0	0	0	-0.7	-0.69	1	1	0	900	900
2/19/2024 11:30	65503 MOJO_T2	12	15	3	0.37	0.39	0.02	-1.21	-1.22	1	1	0	900	900
2/19/2024 11:30	40101 HUNT_T2	120	10	-110	0.52	0.4	-0.12	-0.37	-0.64	0	0	0	0	0
2/19/2024 11:30	65502 MOJO_T2	84	65	-19	0.13	0.12	-0.01	-1.24	-1.08	1	1	0	900	900
2/19/2024 11:31	40101 HUNT_T2	120	10	-110	0.52	0.4	-0.12	-0.37	-0.64	0	0	0	0	0
2/19/2024 11:32	49804 UNIV_T1	0	0	0	0	0	0	0.49	0.53	0	0	0	0	0
2/19/2024 11:32	59402 RFLD_T2	0	0	0	0	0	0	-0.72	-0.73	1	1	0	450	450
2/19/2024 11:33	42903 MIDD_T2	2	2	0	0.35	0.65	0.3	0.61	0.6	1	1	0	1200	1200
2/19/2024 11:33	43106 SMIL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
2/19/2024 11:33	54203 PENN_T1	336	331	-5	0.35	0.34	-0.01	0	0	0	0	0	0	0
2/19/2024 11:33	59402 RFLD_T2	0	0	0	0	0	0	-0.72	-0.73	1	1	0	450	450
2/19/2024 11:34	43102 SMIL_T2	6	6	0	0.45	0.5	0.05	0	0	0	0	0	0	0
2/19/2024 11:35	14401 SSLA_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
2/19/2024 11:35	56501 ROCK_T2	4	12	8	0.25	0.32	0.07	0	0	0	0	0	0	0
2/19/2024 11:35	13704 SCHN_T2	0	0	0	0	0	0	-0.64	-0.62	0	0	0	0	0
2/19/2024 11:35	59402 RFLD_T2	0	0	0	0	0	0	-0.72	-0.73	1	1	0	450	450
2/19/2024 11:35	27502 WEIS_T2	0	0	0	0	0	0	-0.33	-0.42	0	0	0	0	0
2/19/2024 11:35	65502 MOJO_T2	84	65	-19	0.13	0.12	-0.01	0	0	0	0	0	0	0
2/19/2024 11:36	41901 REED_T1	11	11	0	0.88	0.9	0.02	0	0	0	0	0	0	0
2/19/2024 11:36	27504 WEIS_T1	0	0	0	0	0	0	-0.83	-0.87	0	0	0	0	0
2/19/2024 11:37	61102 BERK_T5	1	1	0	0.1	0.2	0.1	0	0	0	0	0	0	0
2/19/2024 11:37	27503 WEIS_T2	2	2	0	0.3	0.5	0.2	0	0	0	0	0	0	0
2/19/2024 11:37	67201 TEHI_T1	14	112	98	0.3	0.66	0.36	-0.05	-0.16	1	1	0	600	600
2/19/2024 11:37	14404 SSLA_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
2/19/2024 11:37	43001 ALWD_T1	3	6	3	0.43	0.25	-0.18	0	0	0	0	0	0	0
2/19/2024 11:38	24901 WHHA_T1	1	0	-1	0.6	0	-0.6	0	0	0	0	0	0	0
2/19/2024 11:38	56501 ROCK_T2	4	12	8	0.25	0.32	0.07	-2.95	-2.99	0	0	0	0	0
2/19/2024 11:38	61101 BERK_T5	1	1	0	0.2	0.5	0.3	-0.79	-0.82	0	0	0	0	0
2/19/2024 11:38	67203 TEHI_T1	0	0	0	0	0	0	1.7	1.61	3	3	0	2100	2100
2/19/2024 11:38	55104 WERT_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
2/19/2024 11:38	43001 ALWD_T1	3	6	3	0.43	0.25	-0.18	0	0	0	0	0	0	0
2/19/2024 11:38	56501 ROCK_T2	4	12	8	0.25	0.32	0.07	-2.95	-2.99	0	0	0	0	0
2/19/2024 11:38	27504 WEIS_T1	0	0	0	0	0	0	-0.87	-0.86	0	0	0	0	0
2/19/2024 11:39	59102 WALK_T2	0	3	3	0	0.17	0.17	-0.24	-0.3	1	1	0	600	600
2/19/2024 11:39	64902 MILL_T2	0	0	0	0	0	0	-0.69	-0.68	1	1	0	900	900
2/19/2024 11:39	59101 WALK_T2	0	1	1	0	0.5	0.5	1.64	2.01	1	1	0	600	600
2/19/2024 11:39	46201 DANV_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
2/19/2024 11:39	41903 REED_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
2/19/2024 11:40	46201 DANV_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
2/19/2024 11:40	46206 DANV_T2	12	13	1	1.45	1.42	-0.03	2.06	2.08	1	1	0	1200	1200
2/19/2024 11:40	60801 BUCK_T1	0	0	0	0	0	0	-0.43	-0.53	1	1	0	600	600
2/19/2024 11:40	41801 GOCI_T2	2	9	7	0.3	0.37	0.07	0	0	0	0	0	0	0
2/19/2024 11:42	60803 BUCK_T1	6	6	0	0.37	0.32	-0.05	-2.4	-1.06	2	2	0	1200	1200
2/19/2024 11:42	46803 HEPB_T2	9	17	8	0.62	0.47	-0.15	0	0	0	0	0	0	0
2/19/2024 11:42	41802 GOCI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
2/19/2024 11:43	27501 WEIS_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
2/19/2024 11:44	64903 MILL_T2	1	1	0	0.5	0.1	-0.4	0	0	0	0	0	0	0
2/19/2024 11:44	43001 ALWD_T1	3	6	3	0.43	0.25	-0.18	0	0	0	0	0	0	0
2/19/2024 11:45	54701 NEBL_T1	1	1	0	0.1	0.2	0.1	0	0	1	1	0	600	600
2/19/2024 11:46	54701 NEBL_T1	1	1	0	0.1	0.2	0.1	0	0	1	1	0	600	600
2/19/2024 11:47	42903 MIDD_T2	2	2	0	0.45	0.75	0.3	0	0	0	0	0	0	0
2/19/2024 11:47	40603 PIGR_T1	1	1	0	0.3	0.3	0	0.38	0.35	0	0	0	0	0
2/19/2024 11:47	56503 ROCK_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
2/19/2024 11:48	43104 SMIL_T2	0	1	1	0	0.1	0.1	0	0	0	0	0	0	0
2/19/2024 11:48	59402 RFLD_T2	0	0	0	0	0	0	-0.73	-0.74	1	1	0	450	450
2/19/2024 11:48	25502 MADI_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
2/19/2024 11:49	67201 TEHI_T1	101	109	8	0.63	0.66	0.03	0	0	0	0	0	0	0
2/19/2024 11:49	59402 RFLD_T2	0	0	0	0	0	0	-0.73	-0.74	1	1	0	450	450
2/19/2024 11:49	42903 MIDD_T2	2	2	0	0.45	0.75	0.3	0.6	0.68	1	1	0	1200	1200
2/19/2024 11:49	64903 MILL_T2	0	1	1	0	0.3	0.3	0	0	0	0	0	0	0
2/19/2024 11:49	54204 PENN_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
2/19/2024 11:49	54201 PENN_T1	320	348	28	0.54	0.59	0.05	-1.21	-1.25	0	0	0	0	0
2/19/2024 11:49	67002 STHI_T2	202	273	71	0.24	0.25	0.01	0.69	0.7	0	0	0	0	0
2/19/2024 11:50	43102 SMIL_T2	6	6	0	0.5	0.48	-0.02	0	0	0	0	0	0	0
2/19/2024 11:50	57102 SPHI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
2/19/2024 11:51	67001 STHI_T2	509	555	46	0.26	0.27	0.01	0	0	0	0	0	0	0
2/19/2024 11:51	41903 REED_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
2/19/2024 11:51	14401 SSLA_T1	0	2	2	0	0.1	0.1	0	0	0	0	0	0	0
2/19/2024 11:51	59402 RFLD_T2	0	0	0	0	0	0	-0.73	-0.74	1	1	0	450	450
2/19/2024 11:52	14402 SSLA_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
2/19/2024 11:52	43301 WATS_T2	0	1	1	0	0.2	0.2	0	0	0	0	0	0	0
2/19/2024 11:52	61101 BERK_T5	1	2	1	0.4	0.35	-0.05	-0.79	-0.82	0	0	0	0	0
2/19/2024 11:52	65904 SAKR_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
2/19/2024 11:52	40603 PIGR_T1	1	1	0	0.3	0.3	0	0.77	0.71	0	0	0	0	0
2/19/2024 11:53	55104 WERT_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
2/19/2024 11:53	24901 WHHA_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
2/19/2024 11:53	67002 STHI_T2	202	273	71	0.24	0.25	0.01	2.1	2.1	0	0	0	0	0
2/19/2024 11:53	44301 BEAV_T2	7	9	2	0.53	0.49	-0.04	0.35	-2.39	6	6	0	4500	4500
2/19/2024 11:53	43001 ALWD_T1	2	6	4	0.4	0.38	-0.02	0	0	0	0	0	0	0
2/19/2024 11:54	44302 BEAV_T2	0	6	6	0	0.25	0.25	0	0	0	0	0	0	0
2/19/2024 11:54	61102 BERK_T5	1	2	1	0.2	0.15	-0.05	0	0	0	0	0	0	0
2/19/2024 11:54	10801 CHHI_T1	2	3	1	0.85	0.63	-0.22	-0.65	-0.73	1	1	0	900	900
2/19/2024 11:55	41903 REED_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
2/19/2024 11:55	44302 BEAV_T2	0	6	6	0	0.25	0.25	0	0	0	0	0	0	0
2/19/2024 11:56	44302 BEAV_T2	0	6	6	0	0.25	0.25	0	0	0	0	0	0	0
2/19/2024 11:57	53502 EVIL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
2/19/2024 11:58	53502 EVIL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
2/19/2024 11:58	54203 PENN_T1	304	371	67	0.34	0.35	0.01	0.74	0.78	0	0	0	0	0
2/19/2024 11:58	46803 HEPB_T2	13	18	5	0.54	0.46	-0.08	0	0	0	0	0	0	0
2/19/2024 11:59	42901 MIDD_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
2/19/2024 11:59	40901 JESH_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
2/19/2024 11:59	53501 EVIL_T2	6	10	4	0.55	0.58	0.03	-0.49	-0.45	1	1	0	600	600
2/19/2024 12:01	50503 MECH_T1	0	0	0	0	0

2/19/2024 12:29	48901 FOSP_T2	0	0	0	0	0	0	-0.02	-0.1	1	1	0	600	600	0
2/19/2024 12:29	48901 FOSP_T2	0	0	0	0	0	0	-0.02	-0.1	1	1	0	600	600	0
2/19/2024 12:30	48902 FOSP_T2	0	0	0	0	0	0	-3.42	1.02	0	0	0	0	0	0
2/19/2024 12:31	48902 FOSP_T2	0	0	0	0	0	0	-1.71	0.51	0	0	0	0	0	0
2/19/2024 12:31	44302 BEAV_T2	6	0	-6	0.25	0	-0.25	0	0	0	0	0	0	0	0
2/19/2024 12:33	14404 SSLA_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/19/2024 12:35	41901 REED_T1	11	11	0	0.56	0.48	-0.08	0	0	0	0	0	0	0	0
2/19/2024 12:35	14402 SSLA_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/19/2024 12:37	41902 REED_T1	3	0	-3	0.7	0	-0.7	1.1	1.03	0	0	0	0	0	0
2/19/2024 12:38	60801 BUCK_T1	1	1	0	0.3	0.2	-0.1	-0.81	-0.69	1	1	0	600	600	0
2/19/2024 12:38	14801 TRIN_T2	4	3	-1	0.58	0.5	-0.08	0.35	0.34	0	0	0	0	0	0
2/19/2024 12:39	60803 BUCK_T1	5	2	-3	0.38	0.4	0.02	-1.06	-1.08	2	2	0	1200	1200	0
2/19/2024 12:39	41903 REED_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/19/2024 12:40	61103 BERK_T5	10	9	-1	0.45	0.4	-0.05	0	0	0	0	0	0	0	0
2/19/2024 12:40	41902 REED_T1	3	0	-3	0.7	0	-0.7	2.06	2.18	0	0	0	0	0	0
2/19/2024 12:41	61102 BERK_T5	2	3	1	0.2	0.2	0	0	0	0	0	0	0	0	0
2/19/2024 12:49	14403 SSLA_T1	0	0	0	0	0	0	0.82	0.8	0	0	0	0	0	0
2/19/2024 12:50	43303 WATS_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/19/2024 12:51	43302 WATS_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/19/2024 12:52	43303 WATS_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/19/2024 12:53	43303 WATS_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/19/2024 12:55	43302 WATS_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/19/2024 13:01	42901 MIDD_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/19/2024 13:02	40903 JESH_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/19/2024 13:03	42902 MIDD_T2	2	1	-1	0.6	0.8	0.2	0	0	0	0	0	0	0	0
2/19/2024 13:04	47403 PENS_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/19/2024 13:06	24901 WHHA_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/19/2024 13:13	65004 NEFF_T2	3	1	-2	0.43	1	0.57	0	0	0	0	0	0	0	0
2/19/2024 13:20	56501 ROCK_T2	14	13	-1	0.28	0.38	0.1	0	0	0	0	0	0	0	0
2/19/2024 13:21	56504 ROCK_T2	3	6	3	0.23	0.28	0.05	0	0	0	0	0	0	0	0
2/19/2024 13:21	43304 WATS_T2	0	0	0	0	0	0	-0.33	-0.3	0	0	0	0	0	0
2/19/2024 13:23	10706 CATA_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/19/2024 13:23	56503 ROCK_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/19/2024 13:26	10707 CATA_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/19/2024 13:28	40101 HUNT_T2	319	292	-27	0.82	0.65	-0.17	-0.38	-0.22	0	0	0	0	0	0
2/19/2024 13:30	40101 HUNT_T2	88	293	205	0.67	0.33	-0.34	-0.38	-0.22	0	0	0	0	0	0
2/19/2024 13:31	40101 HUNT_T2	88	293	205	0.67	0.33	-0.34	-0.38	-0.22	0	0	0	0	0	0
2/19/2024 13:32	54202 PENN_T2	4	6	2	0.13	0.12	-0.01	0	0	0	0	0	0	0	0
2/19/2024 13:33	54204 PENN_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/19/2024 13:33	42201 SHEN_T2	0	1	1	0	0.5	0.5	0.11	0.12	1	1	0	600	600	0
2/19/2024 13:36	47403 PENS_T1	0	1	1	0	2.1	2.1	0	0	0	0	0	0	0	0
2/19/2024 13:37	44302 BEAV_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/19/2024 13:38	44302 BEAV_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/19/2024 13:39	44302 BEAV_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/19/2024 13:41	44302 BEAV_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/19/2024 13:42	44302 BEAV_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/19/2024 13:45	64902 MILL_T2	0	0	0	0	0	0	-1.46	0.51	2	0	-2	1800	0	-1800
2/19/2024 13:45	13503 MCMI_T2	7	62	55	0.23	0.24	0.01	-0.82	-0.83	0	0	0	0	0	0
2/19/2024 13:50	65002 NEFF_T2	0	1	1	0	0.1	0.1	0	0	0	0	0	0	0	0
2/19/2024 13:51	43303 WATS_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/19/2024 13:53	43303 WATS_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/19/2024 13:53	41902 REED_T1	3	7	4	0.37	0.45	0.08	1.15	1.16	0	0	0	0	0	0
2/19/2024 13:56	41901 REED_T1	5	6	1	0.22	0.27	0.05	0	0	0	0	0	0	0	0
2/19/2024 14:00	25404 LAHA_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/19/2024 14:02	47403 PENS_T1	0	3	3	0	1.03	1.03	0	0	0	0	0	0	0	0
2/19/2024 14:04	54204 PENN_T2	0	1	1	0	0.1	0.1	0	0	0	0	0	0	0	0
2/19/2024 14:04	43302 WATS_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/19/2024 14:05	29402 BELT_T1	80	90	10	0.44	0.44	0	0	0	0	0	0	0	0	0
2/19/2024 14:05	54201 PENN_T1	8	7	-1	0.85	0.97	0.12	0.11	0.19	0	0	0	0	0	0
2/19/2024 14:05	54204 PENN_T2	0	1	1	0	0.1	0.1	0	0	0	0	0	0	0	0
2/19/2024 14:06	67402 WAKE_T2	0	0	0	0	0	0	0.47	0.47	1	1	0	600	600	0
2/19/2024 14:06	20403 ASHF_T2	1	1	0	0.4	0.4	0	0.18	0.21	0	0	0	0	0	0
2/19/2024 14:06	43302 WATS_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/19/2024 14:06	41903 REED_T1	0	1	1	0	0	0	0	0	0	0	0	0	0	0
2/19/2024 14:06	16302 ALPA_T2	0	0	0	0	0	0	2.1	1.9	0	0	0	0	0	0
2/19/2024 14:07	56504 ROCK_T2	2	4	2	0.25	0.3	0.05	-0.35	-0.44	0	0	0	0	0	0
2/19/2024 14:07	29402 BELT_T1	80	90	10	0.44	0.44	0	0	0	0	0	0	0	0	0
2/19/2024 14:08	16302 ALPA_T2	0	0	0	0	0	0	0.63	0.65	0	0	0	0	0	0
2/19/2024 14:08	43304 WATS_T2	1	0	-1	0.1	0	-0.1	-0.39	-0.38	0	0	0	0	0	0
2/19/2024 14:08	29402 BELT_T1	80	90	10	0.44	0.44	0	0	0	0	0	0	0	0	0
2/19/2024 14:08	27503 WEIS_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/19/2024 14:09	41901 REED_T1	3	11	8	0.17	0.24	0.07	0	0	0	0	0	0	0	0
2/19/2024 14:09	67401 WAKE_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/19/2024 14:09	43001 ALWD_T1	3	6	3	0.7	0.47	-0.23	0	0	0	0	0	0	0	0
2/19/2024 14:10	60102 COCA_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/19/2024 14:10	29402 BELT_T1	80	90	10	0.44	0.44	0	0	0	0	0	0	0	0	0
2/19/2024 14:11	51101 CARL_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/19/2024 14:11	67402 WAKE_T2	0	0	0	0	0	0	0.47	0.47	1	1	0	600	600	0
2/19/2024 14:11	29401 BELT_T1	1	0	-1	0.2	0	-0.2	0	0	1	1	0	900	900	0
2/19/2024 14:11	43001 ALWD_T1	3	6	3	0.7	0.47	-0.23	0	0	0	0	0	0	0	0
2/19/2024 14:11	60101 COCA_T1	4	5	1	0.53	0.48	-0.05	0.41	0.41	0	0	0	0	0	0
2/19/2024 14:11	29402 BELT_T1	80	90	10	0.44	0.44	0	0	0	0	0	0	0	0	0
2/19/2024 14:12	20402 ASHF_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/19/2024 14:12	29401 BELT_T1	1	0	-1	0.2	0	-0.2	0	0	1	1	0	900	900	0
2/19/2024 14:12	40101 HUNT_T2	28	132	104	0.33	0.42	0.09	-0.36	-0.27	0	0	0	0	0	0
2/19/2024 14:12	29401 BELT_T1	1	0	-1	0.2	0	-0.2	0	0	1	1	0	900	900	0
2/19/2024 14:12	60101 COCA_T1	4	5	1	0.53	0.48	-0.05	0.82	0.83	0	0	0	0	0	0
2/19/2024 14:13	51108 CARL_T1	1	1	0	0.1	0.3	0.2	0	0	0	0	0	0	0	0
2/19/2024 14:13	40101 HUNT_T2	28	132	104	0.33	0.42	0.09	-0.36	-0.27	0	0	0	0	0	0
2/19/2024 14:13	45702 LIND_T2	3	2	-1	0.43	0.7	0.27	-1.73	-1.85	0	0	0	0	0	0
2/19/2024 14:14	50506 MECH_T1	1	4	3	0.4	0.28	-0.12	0.02	-0.05	0	0	0	0	0	0
2/19/2024 14:14	53901 HALI_T2	2	2	0	0.45	0.7	0.25	0	0	0	0	0	0	0	0
2/19/2024 14:15	53902 HALI_T2	1	1	0	5.5	5.3	-0.2	0	0	0	0	0	0	0	0
2/19/2024 14:15	25402 LAHA_T2	0	0	0	0	0	0	-0.37	-0.37	0	0	0	0	0	0
2/19/2024 14:16	45704 LIND_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/19/2024 14:16	13302 ORVI_T2	1	1	0	1	1	0	1.93	2.08	0	0	0	0	0	0
2/19/2024 14:16	40101 HUNT_T2	128	77	-51	0.49	0.43	-0.06	-1.09	-0.8	0	0	0	0	0	0
2/19/2024 14:16	43001 ALWD_T1	5	8	3	0.54	0.28	-0.26	0	0	0	0	0	0	0	0
2/19/2024 14:17	50504 MECH_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/19/2024 14:17	40101 HUNT_T2	128	77	-51	0.49	0.43	-0.06	-0.36	-0.27	0	0	0	0	0	0
2/19/2024 14:17	13302 ORVI_T2	1	1	0	1	1	0	0.96	1.04	0	0	0	0	0	0
2/19/2024 14:18	65001 NEFF_T2	45	111	66	0.14	0.13	-0.01	-0.66	-0.66	1	1	0	1200	1200	0
2/19/2024 14:18	50503 MECH_T1	0	1	1	0	0.2	0.2	0	0	0	0	0	0	0	0
2/19/2024 14:19	50506 MECH_T1	2	2	0	0.3	0.25	-0.05	0.02	-0.05	0	0	0	0	0	0
2/19/2024 14:19	56504 ROCK_T2	2	4	2	0.25	0.3	0.05	0	0	0	0	0	0	0	0
2/19/2024 14:20	56503 ROCK_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/19/2024 14:20	14401 SSLA_T1	0	1	1	0	0.2	0.2	0	0	0	0	0	0	0	0
2/19/2024 14:20	56501 ROCK_T2	9	13	4	0.48	0.46	-0.02	-1.56	-1.54	0	0	0	0	0	0
2/19/2024 14:20	43303 WATS_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/19/2024 14:20	67002 STHI_T2	26	79	53	0.3	0.22	-0.08	1.38	1.34	0	0	0	0	0	0
2/19/2024 14:20	54202 PENN_T2	3	3	0	0.1	0.1	0	0	0	0	0	0	0	0	0
2/19/2024 14:21	66505 SMAN_T2	0	3	3	0	0.9	0.9	0	0	0	0	0	0	0	0
2/19/2024 14:21	43304 WATS_T2	0	0	0	0	0	0	-0.39	-0.38	0	0	0	0	0	0
2/19/2024 14:21	43001 ALWD_T1	5	8	3	0.54	0.28	-0.26	0	0	0	0	0	0	0	0
2/19/2024 14:22	65003 NEFF_T2	12	11	-1	0.31	0.37	0.06	0	0	0	0	0	0	0	0
2/19/2024 14:22	43301 WATS_T2	0	0	0	0	0	0	-0.75	-0.74	1	1	0	900	900	0
2/19/2024 14:22	41902 REED_T1	7	1	-6	0.74	0	-0.74	1.16	1.16	0	0	0	0	0	0
2/19/2024 14:22	60102 COCA_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/19/2024 14:22	29401 BELT_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/19/2024 14:22	54602 SUMM_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/19/2024 14:22	13302 ORVI_T2	1	1	0	1	1	0	0.96	1.04	0	0	0	0	0	0
2/19/2024 14:22	43304 WATS_T2	0	0	0	0	0	0	-0.39	-0.38	0	0	0	0	0	0
2/19/2024 14:22	67001 STHI_T2	199	411	212	0.14	0.16	0.02	0	0	0	0	0	0	0	0
2/19/2024 14:23	14402 SSLA_T1	0	1	1	0	0.1	0.1	0	0	0	0	0	0	0	0
2/19/2024 14:23	67202 TEHI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/19/2024 14:23	56501 ROCK_T2	9	13	4	0.48	0.46	-0.02	0	0	0	0	0	0	0	0
2/19/2024 14:23	29401 BELT_T1	0	0	0	0	0	0	0	0	3	3	0	2700	2700	0
2/19/2024 14:23	44301 BEAV_T2	5	2	-3	0.5	0.25	-0.25	-0.4	0.05	2	1	-1	1500	600	-900
2/19/2024 14:23	54602 SUMM_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/19/2024 14:23	44302 BEAV_T2	1	12	11	0.1	0.28	0.18	0.24	0.25	0	0	0	0	0	0
2/19/2024 14:23	43301 WATS_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/19/2024 14:24	28602 BLYT_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/19/2024 14:24	27502 WEIS_T2	0	0	0	0	0	0	-0.52	-0.51	0	0	0	0	0	0
2/19/2024 14:24	43304 WATS_T2	0	0	0	0	0	0	-0.38	-0.38	0	0	0	0	0	0
2/19/2024 14:24	60801 BUCK_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/19/2024 14:25	44301 BEAV_T2	5	2	-3	0.5	0.25	-0.25	-0.4	0.05	1	1	0	600	600	0
2/19/2024 14:25	43001 ALWD_T1	5	8	3	0.54	0.28	-0.26	0	0	0	0	0	0	0	0
2/19/2024 14:25	41801 GOCI_T2	14	7	-7	0.33	0.19	-0.14	0	0	0	0	0	0	0	0
2/19/2024 14:25	41903 REED_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/19/2024 14:25	29401 BELT_T1	0	0	0	0	0	0	0	0	1	1	0	900	900	0
2/19/2024 14:26	54503 ENOL_T2	0	0	0	0	0	0	-1.24	-1.28	1	1	0	600	600	0
2/19/2024 14:26	17801 GILB_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/19/2024 14:26	44302 BEAV_T2	1	12	11	0.1	0.28	0.18	0	0	0	0	0	0	0	0
2/19/2024 14:26	29401 BELT_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/19/2024 14:26	43001 ALWD_T1	5	8	3	0.54	0.28	-0.26	0	0	0	0	0	0	0	0
2/19/2024 14:27	54506 ENOL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/19/2024 14:27	17804 GILB_T2	1	1	0	0.8	0.7	-0.1	-0.54	-0.54	0	0	0	0	0	0
2/19/2024 14:27	44302 BEAV_T2	1	12	11	0.1	0.28	0.18	0	0	0	0	0	0	0	0
2/19/2024 14:27	54504 ENOL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/19/2024 14:27	54504 ENOL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/19/2024 14:27	17802 GILB_T1	2	2	0	0.3	0.75	0.45	0.4	0.4	0	0	0	0	0	0
2/19/2024 14:29	17803 GILB_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/19/2024 14:29	45701 LIND_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/19/2024 14:29	53903 HALI_T2	5	5	0	0.7	0.82	0.12	-0.16	-0.15	0	0	0	0	0	0
2/19/2024 14:29	61802 EEU_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/19/2024 14:29	54505 ENOL_T2	2	2	0	0.55	0.5	-0.05	0	0	0	0	0	0	0	0
2/19/2024 14:29	40101 HUNT_T2	128	77	-51	0.49	0.43	-0.06	-0.27	-0.41	0	0	0	0	0	0
2/19/2024 14:29	54502 ENOL_T2	0	0	0	0	0	0	-1.17	-1.07	1	1	0	600	600	0
2/19/2024 14:30	56503 ROCK_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/19/2024 14:30	54506 ENOL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/19/2024 14:30	46801 HEPB_T2	17	26	9	0.24	0.29	0.05	0.61	0.61	0	0	0	0	0	0
2/19/2024 14:30	17802 GILB_T1	2	2	0	0.75	0.2	-0.55	0.2	0.2	0	0	0	0	0	0
2/19/2024 14:30	53901 HALI_T2	1	1	0	0.7	0.6	-0.1	0	0	0	0	0	0	0	0
2/19/2024 14:31	40902 JESH_T1	1	1	0	0.1	0.2	0.1	-0.67	-0.8	0	0	0	0	0	0
2/19/2024 14:31	54501 ENOL_T2	0	0	0	0	0	0	0.09	0.11	0	0	0	0	0	0
2/19/2024 14:31	58402 MORO_T1	0	0	0	0	0	0	-0.09	-0.09	2	2	0	1500	1500	0
2/19/2024 14:31	54502 ENOL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/19/2024 14:31	64802 MONE_T2	3	2	-1	0.47	0.6	0.13	0	0	0	0	0	0	0	0
2/19/2024 14:32	65004 NEFF_T2	2	2	0	0.5	0.45	-0.05	0	0	0	0	0	0	0	0
2/19/2024 14:32	58401 MORO_T1	1	1	0	0.1	0.2	0.1	-2.14	-2.06	2	2	0	1200	1200	0
2/19/2024 14:32	40101 HUNT_T2	71	72	1	0.44	0.36	-0.08	-0.27	-0.41	0	0	0	0	0	0
2/19/2024 14:32	54503 ENOL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/19/2024 14:32	13302 ORVI_T2	1	1	0	1	0.8	-0.2	1.04	1	0	0	0	0	0	0
2/19/2024 14:32	64802 MONE_T2	3	2	-1	0.47	0.6	0.13	0.3	0.3	0	0	0	0	0	0
2/19/2024 14:33	60604 NCOL_T2	0	0	0	0	0	0	0.56	0.6	0	0	0	0	0	0
2/19/2024 14:33	58401 MORO_T1	1	1	0	0.1	0.2	0.1	-2.14	-2.06	2	2	0	1200	1200	0
2/19/2024 14:33	40101 HUNT_T2	71	72	1	0.44	0.36	-0.08	-0.53	-0.83	0	0	0	0	0	0
2/19/2024 14:33	47402 PENS_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/19/2024 14:34	14401 SSLA_T1	1	1	0	0.2	0.2	0	0	0	0	0	0	0	0	0
2/19/2024 14:34	61802 EEU_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/19/2024 14:34	54202 PENN_T2	2	3	1	0.1	0.1	0	0.68	0.69	0

Appendix C - Grid Benefits Achieved in Each Instance of Active Management

2/19/2024 14:42	51102 CARL_T1	25	65	40	0.18	0.18	0	0	0	0	0	0	0	0	0
2/19/2024 14:42	54503 ENOL_T2	0	0	0	0	0	0	-1.28	-1.23	1	1	0	600	600	0
2/19/2024 14:42	43001 ALWD_T1	5	13	8	0.36	0.22	-0.14	0	0	0	0	0	0	0	0
2/19/2024 14:42	29402 BELT_T1	89	102	13	0.44	0.54	0.1	0	0	0	0	0	0	0	0
2/19/2024 14:42	29401 BELT_T1	0	2	2	0	0.1	0.1	0	0	1	1	0	900	900	0
2/19/2024 14:43	40101 HUNT_T2	71	72	1	0.44	0.36	-0.08	-0.41	-0.46	0	0	0	0	0	0
2/19/2024 14:44	54506 ENOL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/19/2024 14:44	29402 BELT_T1	89	102	13	0.44	0.54	0.1	0	0	0	0	0	0	0	0
2/19/2024 14:44	40101 HUNT_T2	71	72	1	0.44	0.36	-0.08	-0.41	-0.46	0	0	0	0	0	0
2/19/2024 14:44	41802 GOCI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/19/2024 14:45	54501 ENOL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/19/2024 14:45	40101 HUNT_T2	68	49	-19	0.51	0	-0.51	-0.83	-0.91	0	0	0	0	0	0
2/19/2024 14:45	42901 MIDD_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/19/2024 14:45	45701 LIND_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/19/2024 14:45	13503 MCMI_T2	53	42	-11	0.21	0.21	0	-0.83	-0.84	0	0	0	0	0	0
2/19/2024 14:45	53902 HALI_T2	1	1	0	5.3	5.3	0	0	0	0	0	0	0	0	0
2/19/2024 14:46	46801 HEPB_T2	20	25	5	0.27	0.3	0.03	0.61	0.59	0	0	0	0	0	0
2/19/2024 14:46	13502 MCMI_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/19/2024 14:48	13302 ORVI_T2	1	1	0	0.8	0.5	-0.3	1	0.94	0	0	0	0	0	0
2/19/2024 14:48	42903 MIDD_T2	2	0	-2	0.35	0	-0.35	0	0	0	0	0	0	0	0
2/19/2024 14:48	64801 MONE_T2	20	24	4	0.35	0.3	-0.05	0	0	0	0	0	0	0	0
2/19/2024 14:48	13503 MCMI_T2	53	42	-11	0.21	0.21	0	-0.83	-0.84	0	0	0	0	0	0
2/19/2024 14:48	60603 NCOL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/19/2024 14:48	40101 HUNT_T2	68	49	-19	0.51	0	-0.51	-0.41	-0.46	0	0	0	0	0	0
2/19/2024 14:49	60605 NCOL_T2	3	11	8	0.3	0.25	-0.05	0	0	0	0	0	0	0	0
2/19/2024 14:49	65503 MOJO_T2	13	29	16	0.28	0.23	-0.05	-1.34	-1.35	1	1	0	900	900	0
2/19/2024 14:49	65004 NEFF_T2	2	1	-1	0.4	0.7	0.3	0	0	0	0	0	0	0	0
2/19/2024 14:50	65502 MOJO_T2	0	50	50	0	0.1	0.1	0	0	0	0	0	0	0	0
2/19/2024 14:50	43303 WATS_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/19/2024 14:50	14401 SSLA_T1	1	1	0	0.1	0.2	0.1	0	0	0	0	0	0	0	0
2/19/2024 14:50	54206 PENN_T2	9	9	0	0.18	0.2	0.02	0	0	0	0	0	0	0	0
2/19/2024 14:50	42902 MIDD_T2	2	1	-1	1.05	0.2	-0.85	-0.4	-0.39	0	0	0	0	0	0
2/19/2024 14:50	47802 MOCA_T2	0	0	0	0	0	0	-1.03	-1.04	0	0	0	0	0	0
2/19/2024 14:50	44601 SALE_T2	0	0	0	0	0	0	0.11	0.02	0	0	0	0	0	0
2/19/2024 14:51	56501 ROCK_T2	13	20	7	0.41	0.32	-0.09	0	0	0	0	0	0	0	0
2/19/2024 14:51	42204 SHEN_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/19/2024 14:51	54206 PENN_T2	9	9	0	0.18	0.2	0.02	0	0	0	0	0	0	0	0
2/19/2024 14:51	14401 SSLA_T1	1	1	0	0.1	0.2	0.1	0	0	0	0	0	0	0	0
2/19/2024 14:51	40602 PIGR_T1	1	1	0	0.3	0.3	0	0	0	0	0	0	0	0	0
2/19/2024 14:51	43301 WATS_T2	0	1	1	0	0.2	0.2	0	0	0	0	0	0	0	0
2/19/2024 14:51	60201 ATGL_T2	0	0	0	0	0	0	0.28	0.24	1	1	0	300	300	0
2/19/2024 14:52	43001 ALWD_T1	8	13	5	0.25	0.2	-0.05	0	0	0	0	0	0	0	0
2/19/2024 14:52	43301 WATS_T2	0	1	1	0	0.2	0.2	0	0	0	0	0	0	0	0
2/19/2024 14:52	56504 ROCK_T2	3	4	1	0.3	0.28	-0.02	-0.44	-0.32	0	0	0	0	0	0
2/19/2024 14:52	57401 SPAN_T1	2	2	0	0.55	0.7	0.15	0	0	0	0	0	0	0	0
2/19/2024 14:53	65002 NEFF_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/19/2024 14:53	43301 WATS_T2	0	1	1	0	0.2	0.2	0	0	0	0	0	0	0	0
2/19/2024 14:53	42201 SHEN_T2	1	1	0	0.7	0.5	-0.2	0.18	0.18	1	1	0	600	600	0
2/19/2024 14:53	10801 CHNI_T1	2	2	0	1.05	0.85	-0.2	-1	-1	1	1	0	900	900	0
2/19/2024 14:54	43301 WATS_T2	0	1	1	0	0.2	0.2	-1.52	-1.47	2	2	0	1800	1800	0
2/19/2024 14:54	60102 COCA_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/19/2024 14:55	43302 WATS_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/19/2024 14:55	10805 CHNI_T2	1	1	0	7.5	7.4	-0.1	-0.4	-0.46	0	0	0	0	0	0
2/19/2024 14:56	40601 PIGR_T1	62	85	23	0.19	0.19	0	0	0	0	0	0	0	0	0
2/19/2024 14:56	43303 WATS_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/19/2024 14:56	28601 BLYT_T2	0	1	1	0	0	0	0	0	0	0	0	0	0	0
2/19/2024 14:56	10805 CHNI_T2	1	1	0	7.5	7.4	-0.1	-0.4	-0.46	0	0	0	0	0	0
2/19/2024 14:57	26402 INOR_T1	3	5	2	0.13	0.38	0.25	0	0	0	0	0	0	0	0
2/19/2024 14:58	60101 COCA_T1	5	4	-1	0.36	0.35	-0.01	0.43	0.33	0	0	0	0	0	0
2/19/2024 14:58	43001 ALWD_T1	8	13	5	0.25	0.2	-0.05	0	0	0	0	0	0	0	0
2/19/2024 14:58	40902 JESH_T1	1	1	0	0.1	0.2	0.1	-0.78	-0.78	0	0	0	0	0	0
2/19/2024 14:59	17804 GILB_T2	1	1	0	0.4	0.4	0	-0.52	-0.52	0	0	0	0	0	0
2/19/2024 15:01	40601 PIGR_T1	38	85	47	0.19	0.19	0	0	0	0	0	0	0	0	0
2/19/2024 15:02	58401 MORO_T1	1	0	-1	0.1	0	-0.1	0	0	0	0	0	0	0	0
2/19/2024 15:04	43801 SWIL_T1	21	16	-5	0.44	0.5	0.06	0	0	0	0	0	0	0	0
2/19/2024 15:05	47402 PENS_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/19/2024 15:06	43801 SWIL_T1	21	16	-5	0.44	0.5	0.06	0	0	0	0	0	0	0	0
2/19/2024 15:06	40602 PIGR_T1	0	1	1	0	0.3	0.3	0	0	0	0	0	0	0	0
2/19/2024 15:07	29401 BELT_T1	2	0	-2	0.1	0	-0.1	0	0	1	1	0	900	900	0
2/19/2024 15:07	66505 SMAN_T2	3	1	-2	1.03	0.2	-0.83	-0.11	0	2	1	-1	1100	900	-200
2/19/2024 15:08	10704 CATA_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/19/2024 15:08	42204 SHEN_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/19/2024 15:08	43001 ALWD_T1	13	16	3	0.18	0.2	0.02	0	0	0	0	0	0	0	0
2/19/2024 15:09	43301 WATS_T2	1	1	0	0.2	0.3	0.1	0	0	0	0	0	0	0	0
2/19/2024 15:09	67401 WAKE_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/19/2024 15:11	43303 WATS_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/19/2024 15:14	54501 ENOL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/19/2024 15:14	43001 ALWD_T1	13	16	3	0.18	0.2	0.02	0	0	0	0	0	0	0	0
2/19/2024 15:14	67402 WAKE_T2	1	0	-1	0.1	0	-0.1	-0.42	-0.4	1	1	0	600	600	0
2/19/2024 15:15	54504 ENOL_T2	0	0	0	0	0	0	-0.99	-1.05	1	1	0	600	600	0
2/19/2024 15:16	13501 MCMI_T1	0	0	0	0	0	0	0.24	0.25	0	0	0	0	0	0
2/19/2024 15:16	54506 ENOL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/19/2024 15:16	52004 LING_T2	2	2	0	0.6	0.5	-0.1	0.23	0.23	0	0	0	0	0	0
2/19/2024 15:17	40603 PIGR_T1	0	0	0	0	0	0	0.34	0.31	0	0	0	0	0	0
2/19/2024 15:17	47401 PENS_T1	1	1	0	0.8	0.7	-0.1	0.94	0.94	0	0	0	0	0	0
2/19/2024 15:20	47402 PENS_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/19/2024 15:21	42203 SHEN_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/19/2024 15:21	67502 WEWI_T2	2	8	6	0.5	0.28	-0.22	-0.16	-0.31	0	0	0	0	0	0
2/19/2024 15:21	43001 ALWD_T1	8	15	7	0.2	0.18	-0.02	0	0	0	0	0	0	0	0
2/19/2024 15:22	14401 SSLA_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/19/2024 15:22	40601 PIGR_T1	85	3	-82	0.19	0.17	-0.02	0	0	0	0	0	0	0	0
2/19/2024 15:24	43001 ALWD_T1	8	15	7	0.2	0.18	-0.02	0	0	0	0	0	0	0	0
2/19/2024 15:24	67502 WEWI_T2	2	8	6	0.5	0.28	-0.22	-0.31	-0.39	0	0	0	0	0	0
2/19/2024 15:25	67402 WAKE_T2	0	0	0	0	0	0	-0.4	-0.42	1	1	0	600	600	0
2/19/2024 15:26	54503 ENOL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/19/2024 15:26	67502 WEWI_T2	2	8	6	0.5	0.28	-0.22	-0.31	-0.39	0	0	0	0	0	0
2/19/2024 15:27	43001 ALWD_T1	8	15	7	0.2	0.18	-0.02	0	0	0	0	0	0	0	0
2/19/2024 15:29	43001 ALWD_T1	8	15	7	0.2	0.18	-0.02	0	0	0	0	0	0	0	0
2/19/2024 15:30	67401 WAKE_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/19/2024 15:30	54505 ENOL_T2	1	1	0	1	1	0	-1.35	-1.34	1	1	0	600	600	0
2/19/2024 15:31	26401 INOR_T1	0	6	6	0	0.17	0.17	0.24	0.12	0	0	0	0	0	0
2/19/2024 15:31	54505 ENOL_T2	1	1	0	1	1	0	0	0	0	0	0	0	0	0
2/19/2024 15:31	41002 LAUR_T2	41	42	1	0.42	0.38	-0.04	-1.01	-0.99	0	0	0	0	0	0
2/19/2024 15:35	67402 WAKE_T2	0	0	0	0	0	0	-0.4	-0.42	1	1	0	600	600	0
2/19/2024 15:36	56504 ROCK_T2	0	0	0	0	0	0	-0.29	-0.43	0	0	0	0	0	0
2/19/2024 15:40	67402 WAKE_T2	0	0	0	0	0	0	-0.42	-0.41	1	1	0	600	600	0
2/19/2024 15:42	17803 GILB_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/19/2024 15:43	17805 GILB_T2	0	1	1	0	0	0	0	0	0	0	0	0	0	0
2/19/2024 15:43	40101 HUNT_T2	1	0	-1	0.1	0	-0.1	-0.58	-0.71	0	0	0	0	0	0
2/19/2024 15:44	41801 GOCI_T2	4	4	0	0.2	0.2	0	0	0	0	0	0	0	0	0
2/19/2024 15:44	17805 GILB_T2	0	1	1	0	0	0	0	0	0	0	0	0	0	0
2/19/2024 15:46	17803 GILB_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/19/2024 15:47	13503 MCMI_T2	0	0	0	0	0	0	-0.84	-0.8	0	0	0	0	0	0
2/19/2024 15:47	40101 HUNT_T2	0	1	1	0	0	0	-1.17	-1.41	0	0	0	0	0	0
2/19/2024 15:56	65004 NEFF_T2	2	2	0	0.15	0.1	-0.05	0	0	0	0	0	0	0	0
2/19/2024 16:00	17801 GILB_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/19/2024 16:00	25402 LAHA_T2	0	0	0	0	0	0	-0.51	-0.55	0	0	0	0	0	0
2/19/2024 16:11	62604 ENGL_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/19/2024 16:12	65004 NEFF_T2	2	1	-1	0.1	0.1	0	0	0	0	0	0	0	0	0
2/19/2024 16:12	13503 MCMI_T2	0	0	0	0	0	0	-0.81	-0.78	0	0	0	0	0	0
2/19/2024 16:21	65001 NEFF_T2	165	213	48	0.17	0.2	0.03	-0.79	-0.76	1	1	0	1200	1200	0
2/19/2024 16:23	67402 WAKE_T2	0	0	0	0	0	0	-0.41	-0.45	1	1	0	600	600	0
2/19/2024 16:28	65005 NEFF_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/19/2024 16:28	67402 WAKE_T2	0	0	0	0	0	0	-0.41	-0.45	1	1	0	600	600	0
2/19/2024 16:36	48303 ORWI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/19/2024 16:38	67402 WAKE_T2	0	0	0	0	0	0	-0.45	-0.4	1	1	0	600	600	0
2/19/2024 16:44	67402 WAKE_T2	0	0	0	0	0	0	-0.45	-0.4	1	1	0	600	600	0
2/19/2024 16:54	67401 WAKE_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/19/2024 16:56	46702 RENO_T1	0	1	1	0	0.1	0.1	-0.16	-0.16	0	0	0	0	0	0
2/19/2024 16:59	67402 WAKE_T2	0	0	0	0	0	0	-0.4	-0.41	1	1	0	600	600	0
2/19/2024 17:10	67402 WAKE_T2	0	0	0	0	0	0	-0.41	-0.39	1	1	0	600	600	0
2/19/2024 17:11	40502 CRES_T2	1	10	9	0.2	0.19	-0.01	-0.76	-0.74	0	0	0	0	0	0
2/19/2024 17:13	40501 CRES_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/19/2024 17:15	67402 WAKE_T2	0	0	0	0	0	0	-0.41	-0.39	1	1	0	600	600	0
2/19/2024 17:20	13901 SEID_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/19/2024 17:41	65004 NEFF_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/19/2024 17:49	47802 MOCA_T2	0	0	0	0	0	0	-0.91	-0.91	0	0	0	0	0	0
2/19/2024 17:52	65003 NEFF_T2	3	2	-1	0.2	0.1	-0.1	0	0	0	0	0	0	0	0
2/19/2024 17:54	43302 WATS_T2	4	0	-4	0.25	0	-0.25	0	0	0	0	0	0	0	0
2/19/2024 18:24	13501 MCMI_T1	0	3	3	0	1.15	1.15	0.42	0.44	0	0	0	0	0	0
2/19/2024 18:44	65002 NEFF_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/19/2024 19:05	65005 NEFF_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/19/2024 19:23	17805 GILB_T2	0	1	1	0	0	0	0.2	0.16	0	0	0	0	0	0
2/19/2024 19:37	28704 HAMI_T2	0	0	0	0	0	0	-0.09	-0.07	0	0	0	0	0	0
2/19/2024 19:39	17804 GILB_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/19/2024 19:40	27503 WEIS_T2	1	0	-1	0.1	0	-0.1	0	0	0	0	0	0	0	0
2/19/2024 19:40	48901 FOSP_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/19/2024 19:40	62606 ENGL_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/19/2024 19:41	26401 INOR_T1	2	0	-2	0.15	0	-0.15	0.08	0.05	0	0	0	0	0	0
2/19/2024 19:41	25404 LAHA_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/19/2024 19:42	29402 BELT_T1	5	38	33	1.46	0.41	-1.05	0	0	0	0	0	0	0	0
2/19/2024 19:43	65004 NEFF_T2	0	0	0	0	0	0	-0.42	-0.43	0	0	0	0	0	0
2/19/2024 19:43	29402 BELT_T1	5	38	33	1.46	0.41	-1.05	0	0	0	0	0	0	0	0
2/19/2024 19:43	26401 INOR_T1	2	0	-2	0.15	0	-0.15	0.08	0.05	0	0	0	0	0	0
2/19/2024 19:43	27101 GFLD_T2	0	1	1	0	0	0	-0.25	-0.25	1	1	0	600	600	0
2/19/2024 19:43	15001 BLMO_T1	0	1	1	0	0	0	0	0	0	0	0	0	0	0
2/19/2024 19:43	16302 ALPA_T2	0	0	0	0	0	0	0.64	0.67	0	0	0	0	0	0
2/19/2024 19:44	46302 ROHR_T1	5	3	-2	1.44	0.7	-0.74	0.25	0.25	0	0	0	0	0	0
2/19/2024 19:44	27502 WEIS_T2	0	0	0	0	0	0	-0.39	-0.4	0	0	0	0	0	0
2/19/2024 19:44	13502 MCMI_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/19/2024 19:44	29401 BELT_T1	38	32	-6	0.19	0.21	0.02	0	0	1	1	0	900	900	0
2/19/2024 19:44	13503 MCMI_T2	7	6	-1	0.23	0.12	-0.11	-0.59	-0.59	0	0	0	0	0	0
2/19/2024 19:44	16302 ALPA_T2	0	0	0	0	0	0	0.64	0.67	0	0	0	0	0	0
2/19/2024 19:45	48303 ORWI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/19/2024 19:45	17802 GILB_T1	0	0	0	0	0	0	0.25	0.28	0	0	0	0	0	0
2/19/2024 19:45	29402 BELT_T1	25	35	10	0.53	0.43	-0.1	0	0	0	0	0	0	0	0
2/19/2024 19:45	13501 MCMI_T1	2	2	0	2.25	1.7	-0.55	0.37	0.38	0	0	0	0	0	0
2/19/2024 19:45	67503 WEWI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/19/2024 19:46	17801 GILB_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/19/2024 19:46	29401 BELT_T1	23	33	10	0.15	0.21	0.06	0	0	1	1	0	900	900	0
2/19/2024 19:46	64703 LITI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/19/2024 19:46	16302 ALPA_T2	0	0	0	0	0	0	0.64	0.67	0	0	0	0	0	0
2/19/2024 19:46	29402 BELT_T1	25	35	10	0.53	0.43	-0.1	0	0	0	0	0	0	0	0
2/19/2024 19:47	67002 STHI_T2	8	16	8	0.14	0.14	0	0.64	0.67	0	0	0	0	0	0
2/19/2024 19:47	40101 HUNT_T2	341	365	24	0.99	0.58	-0.41	-0.55	-0.56	0	0	0	0	0	0
2/19/2024 19:47	17804 GILB_T2	0	0	0	0	0	0	-0.45	-0.46	0	0	0	0	0	0
2/19/2024 19:47	58401 MORO_T1	0	0	0	0	0	0	-1.02	-1.05	1	1	0	600	600	0
2/19/2024 19:47	66504 SMAN_T2	0	0	0	0	0	0	-0.78	-0.89	0	0	0	0	0	0
2/19/2024 19:47	43802 SWIL_T1	0	0	0	0	0	0	-0.09	-0.09	1	1	0	600	600	0
2/19/2024 19:47	13302 ORVI_T2	0	1	1	0	0.1	0.1	1.17	1.2	0	0	0	0	0	0
2/19/2024 19:47	16302 ALPA_T2	0	0	0	0	0	0

2/19/2024 19:51	56802 BENV_T2	0	0	0	0	0	0	-1.25	-1.28	0	0	0	0	0	0
2/19/2024 19:51	57401 SPAN_T1	0	0	0	0	0	0	-0.69	-0.64	1	1	0	600	600	0
2/19/2024 19:51	43801 SWIL_T1	2	2	0	3.25	3.25	0	0	0	0	0	0	0	0	0
2/19/2024 19:51	17804 GILB_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/19/2024 19:51	57403 SPAN_T1	0	0	0	0	0	0	0.12	0.1	0	0	0	0	0	0
2/19/2024 19:51	64802 MONE_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/19/2024 19:51	55001 NEWP_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/19/2024 19:51	54506 ENOL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/19/2024 19:51	45501 DERR_T2	6	5	-1	0.4	0.45	0.05	2.31	2.33	4	4	0	3600	3600	0
2/19/2024 19:51	60101 COCA_T1	0	0	0	0	0	0	0.41	0.4	0	0	0	0	0	0
2/19/2024 19:51	56503 ROCK_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/19/2024 19:51	40101 HUNT_T2	341	365	24	0.99	0.58	-0.41	-0.55	-0.56	0	0	0	0	0	0
2/19/2024 19:52	43402 BENT_T1	0	1	1	0	0	0	-1.54	-0.93	2	1	-1	1500	900	-600
2/19/2024 19:52	57401 SPAN_T1	0	0	0	0	0	0	-1.38	-1.28	2	2	0	1200	1200	0
2/19/2024 19:52	54602 SUMM_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/19/2024 19:52	65002 NEFF_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/19/2024 19:52	67502 WEWI_T2	0	0	0	0	0	0	-0.26	-0.25	0	0	0	0	0	0
2/19/2024 19:52	54204 PENN_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/19/2024 19:52	54503 ENOL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/19/2024 19:52	64702 LITI_T2	0	0	0	0	0	0	-0.85	-0.72	0	0	0	0	0	0
2/19/2024 19:52	49803 UNIV_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/19/2024 19:52	48303 ORWI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/19/2024 19:52	46206 DANV_T2	11	13	2	0.62	0.78	0.16	0	0	0	0	0	0	0	0
2/19/2024 19:52	43301 WATS_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/19/2024 19:52	53501 EVIL_T2	3	3	0	0.33	0.27	-0.06	-0.28	-0.3	0	0	0	0	0	0
2/19/2024 19:52	60101 COCA_T1	0	0	0	0	0	0	0.82	0.81	0	0	0	0	0	0
2/19/2024 19:52	59102 WALK_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/19/2024 19:52	17801 GILB_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/19/2024 19:52	67001 STHI_T2	43	104	61	0.12	0.11	-0.01	0.12	0.13	0	0	0	0	0	0
2/19/2024 19:52	56802 BENV_T2	0	0	0	0	0	0	-1.25	-1.28	0	0	0	0	0	0
2/19/2024 19:52	54201 PENN_T1	3	3	0	0.9	1.13	0.23	0.02	0.04	0	0	0	0	0	0
2/19/2024 19:52	10801 CHHI_T1	0	0	0	0	0	0	-0.77	-0.78	1	1	0	900	900	0
2/19/2024 19:52	67001 STHI_T2	43	104	61	0.12	0.11	-0.01	0.12	0.13	0	0	0	0	0	0
2/19/2024 19:53	57104 SPHI_T2	0	1	1	0	0	0	0	0	0	0	0	0	0	0
2/19/2024 19:53	10703 CATA_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/19/2024 19:53	67502 WEWI_T2	0	0	0	0	0	0	-0.25	-0.38	0	0	0	0	0	0
2/19/2024 19:53	48901 FOSP_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/19/2024 19:53	54602 SUMM_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/19/2024 19:53	44302 BEAV_T2	0	0	0	0	0	0	0.28	0.28	0	0	0	0	0	0
2/19/2024 19:53	43304 WATS_T2	9	4	-5	0.43	0	-0.43	-0.3	-0.3	0	0	0	0	0	0
2/19/2024 19:53	56501 ROCK_T2	2	2	0	0.4	0.7	0.3	0	0	0	0	0	0	0	0
2/19/2024 19:53	42903 MIDD_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/19/2024 19:53	64902 MILL_T2	0	0	0	0	0	0	-0.34	-0.36	0	0	0	0	0	0
2/19/2024 19:53	40101 HUNT_T2	341	365	24	0.99	0.58	-0.41	-0.56	-0.58	0	0	0	0	0	0
2/19/2024 19:53	10805 CHHI_T2	7	7	0	2.76	1.49	-1.27	-0.94	-0.93	0	1	1	0	600	600
2/19/2024 19:53	23902 EFMO_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/19/2024 19:53	29402 BELT_T1	25	35	10	0.53	0.43	-0.1	0	0	0	0	0	0	0	0
2/19/2024 19:53	43302 WATS_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/19/2024 19:53	17802 GILB_T1	0	0	0	0	0	0	0.28	0.28	0	0	0	0	0	0
2/19/2024 19:53	55002 NEWP_T1	3	3	0	0.27	0.17	-0.1	-0.24	-0.23	0	0	0	0	0	0
2/19/2024 19:53	47403 PENS_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/19/2024 19:53	65503 MOJO_T2	0	0	0	0	0	0	-0.53	-0.46	0	0	0	0	0	0
2/19/2024 19:54	67503 WEWI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/19/2024 19:54	41601 CLEV_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/19/2024 19:54	65001 NEFF_T2	4	1	-3	0.1	0.1	0	-0.94	-1	1	1	0	1200	1200	0
2/19/2024 19:54	67604 WARW_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/19/2024 19:54	56501 ROCK_T2	2	2	0	0.4	0.7	0.3	0	0	0	0	0	0	0	0
2/19/2024 19:54	57403 SPAN_T1	0	0	0	0	0	0	0.1	0.12	0	0	0	0	0	0
2/19/2024 19:54	41801 GOCI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/19/2024 19:54	65503 MOJO_T2	0	0	0	0	0	0	-0.53	-0.46	0	0	0	0	0	0
2/19/2024 19:54	46206 DANV_T2	11	13	2	0.62	0.78	0.16	0	0	0	0	0	0	0	0
2/19/2024 19:54	54501 ENOL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/19/2024 19:54	40502 CRES_T2	0	5	5	0	0.16	0.16	-0.63	-0.66	0	0	0	0	0	0
2/19/2024 19:54	40603 PIGR_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/19/2024 19:54	54505 ENOL_T2	1	1	0	0.1	0.2	0.1	0	0	0	0	0	0	0	0
2/19/2024 19:54	42902 MIDD_T2	0	0	0	0	0	0	-0.51	-0.49	0	0	0	0	0	0
2/19/2024 19:54	46004 BERW_T2	0	0	0	0	0	0	-0.31	-0.36	0	0	0	0	0	0
2/19/2024 19:54	67401 WAKE_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/19/2024 19:54	40101 HUNT_T2	341	365	24	0.99	0.58	-0.41	-0.56	-0.58	0	0	0	0	0	0
2/19/2024 19:55	50505 MECH_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/19/2024 19:55	41601 CLEV_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/19/2024 19:55	54505 ENOL_T2	1	1	0	0.1	0.2	0.1	-1.19	-1.2	1	1	0	600	600	0
2/19/2024 19:55	53501 EVIL_T2	3	3	0	0.33	0.27	-0.06	-0.3	-0.32	0	0	0	0	0	0
2/19/2024 19:55	46801 HEPB_T2	0	0	0	0	0	0	0.63	0.64	0	0	0	0	0	0
2/19/2024 19:55	46203 DANV_T2	19	18	-1	0.36	0.27	-0.09	-1.26	-1.24	0	0	0	0	0	0
2/19/2024 19:55	67002 STHI_T2	8	16	8	0.14	0.14	0	0.67	0.65	0	0	0	0	0	0
2/19/2024 19:55	54502 ENOL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/19/2024 19:55	42903 MIDD_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/19/2024 19:55	67502 WEWI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/19/2024 19:55	56503 ROCK_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/19/2024 19:55	57401 SPAN_T1	0	0	0	0	0	0	-0.64	-0.68	1	1	0	600	600	0
2/19/2024 19:55	14403 SSLA_T1	0	0	0	0	0	0	0.84	0.86	0	0	0	0	0	0
2/19/2024 19:56	66504 SMAN_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/19/2024 19:56	45501 DERR_T2	6	5	-1	0.4	0.45	0.05	1.17	1.18	2	2	0	1800	1800	0
2/19/2024 19:56	50501 MECH_T1	0	1	1	0	0.1	0.1	0	0	0	0	0	0	0	0
2/19/2024 19:56	43401 BENT_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/19/2024 19:56	65003 NEFF_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/19/2024 19:56	54503 ENOL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/19/2024 19:56	10703 CATA_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/19/2024 19:56	46004 BERW_T2	0	0	0	0	0	0	-0.31	-0.36	0	0	0	0	0	0
2/19/2024 19:56	67001 STHI_T2	43	104	61	0.12	0.11	-0.01	0	0	0	0	0	0	0	0
2/19/2024 19:56	56501 ROCK_T2	2	2	0	0.4	0.7	0.3	-1.31	-1.32	0	0	0	0	0	0
2/19/2024 19:56	54206 PENN_T2	0	0	0	0	0	0	-0.07	-0.03	0	0	0	0	0	0
2/19/2024 19:56	52002 LING_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/19/2024 19:56	40101 HUNT_T2	341	365	24	0.99	0.58	-0.41	-0.56	-0.58	0	0	0	0	0	0
2/19/2024 19:56	43301 WATS_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/19/2024 19:56	53601 DALM_T2	0	0	0	0	0	0	0.05	-0.11	0	0	0	0	0	0
2/19/2024 19:56	56504 ROCK_T2	0	0	0	0	0	0	-0.18	-0.13	0	0	0	0	0	0
2/19/2024 19:56	43001 ALWD_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/19/2024 19:56	44302 BEAV_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/19/2024 19:57	59001 MIFF_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/19/2024 19:57	57303 MOAL_T2	1	1	0	8.2	8	-0.2	0	0	0	0	0	0	0	0
2/19/2024 19:57	42202 SHEN_T2	2	0	-2	0.6	0	-0.6	0	0	0	0	0	0	0	0
2/19/2024 19:57	54501 ENOL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/19/2024 19:57	40101 HUNT_T2	341	365	24	0.99	0.58	-0.41	-0.56	-0.58	0	0	0	0	0	0
2/19/2024 19:57	56803 BENV_T1	11	13	2	0.26	0.33	0.07	0	0	0	0	0	0	0	0
2/19/2024 19:57	40901 JESH_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/19/2024 19:57	57403 SPAN_T1	0	0	0	0	0	0	0.1	0.12	0	0	0	0	0	0
2/19/2024 19:57	67201 TEHI_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/19/2024 19:57	57401 SPAN_T1	0	0	0	0	0	0	-0.64	-0.68	1	1	0	600	600	0
2/19/2024 19:57	44302 BEAV_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/19/2024 19:57	61801 EELI_T2	0	0	0	0	0	0	-0.32	-0.3	0	0	0	0	0	0
2/19/2024 19:57	60803 BUCK_T1	0	0	0	0	0	0	-1.18	-1.18	1	1	0	600	600	0
2/19/2024 19:57	64902 MILL_T2	0	0	0	0	0	0	-0.34	-0.36	0	0	0	0	0	0
2/19/2024 19:57	41802 GOCI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/19/2024 19:57	43201 MVIL_T2	0	0	0	0	0	0	-0.35	-0.33	0	0	0	0	0	0
2/19/2024 19:57	67503 WEWI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/19/2024 19:58	54504 ENOL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/19/2024 19:58	43302 WATS_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/19/2024 19:58	54505 ENOL_T2	1	1	0	0.1	0.2	0.1	-1.19	-1.2	1	1	0	600	600	0
2/19/2024 19:58	46205 DANV_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/19/2024 19:58	20403 ASHF_T2	0	0	0	0	0	0	0.47	0.47	0	0	0	0	0	0
2/19/2024 19:58	47402 PENS_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/19/2024 19:58	41902 REED_T1	32	24	-8	0.7	0.37	-0.33	1.11	1.19	0	0	0	0	0	0
2/19/2024 19:58	55002 NEWP_T1	3	3	0	0.27	0.17	-0.1	-0.24	-0.23	0	0	0	0	0	0
2/19/2024 19:58	54504 ENOL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/19/2024 19:58	54201 PENN_T1	3	3	0	0.9	1.13	0.23	0	0	0	0	0	0	0	0
2/19/2024 19:58	67001 STHI_T2	43	104	61	0.12	0.11	-0.01	0.13	0.12	0	0	0	0	0	0
2/19/2024 19:58	13701 SCHN_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/19/2024 19:58	61801 EELI_T2	0	0	0	0	0	0	-0.64	-0.6	0	0	0	0	0	0
2/19/2024 19:58	56802 BENV_T2	0	0	0	0	0	0	-1.28	-1.28	0	0	0	0	0	0
2/19/2024 19:58	57401 SPAN_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/19/2024 19:58	40101 HUNT_T2	341	365	24	0.99	0.58	-0.41	-0.56	-0.58	0	0	0	0	0	0
2/19/2024 19:59	51104 CARL_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/19/2024 19:59	56801 BENV_T1	10	13	3	0.61	0.85	0.24	-0.61	-0.57	1	1	0	600	600	0
2/19/2024 19:59	41002 LAUR_T2	3	13	10	0.6	0.34	-0.26	-0.94	-0.95	0	0	0	0	0	0
2/19/2024 19:59	14401 SSLA_T1	1	0	-1	1	0	-1	0	0	0	0	0	0	0	0
2/19/2024 19:59	13704 SCHN_T2	0	0	0	0	0	0	-0.3	-0.32	0	0	0	0	0	0
2/19/2024 19:59	54603 SUMM_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/19/2024 19:59	58401 MORO_T1	0	0	0	0	0	0	-1.05	-1.02	1	1	0	600	600	0
2/19/2024 19:59	56501 ROCK_T2	2	2	0	0.4	0.7	0.3	-1.31	-1.32	0	0	0	0	0	0
2/19/2024 19:59	60101 COCA_T1	0	0	0	0	0	0	0.4	0.41	0	0	0	0	0	0
2/19/2024 19:59	56802 BENV_T2	0	0	0	0	0	0	-2.56	-2.56	0	0	0	0	0	0
2/19/2024 20:00	54204 PENN_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/19/2024 20:00	65904 SAKR_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/19/2024 20:00	43802 SWIL_T1	0	0	0	0	0	0	-0.09	-0.08	1	1	0	600	600	0
2/19/2024 20:00	45703 LIND_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/19/2024 20:00	59102 WALK_T2	0	0	0	0	0	0	-0.42	-0.41	1	1	0	600	600	0
2/19/2024 20:00	50501 MECH_T1	0	4	4	0	0.18	0.18	0	0	0	0	0	0	0	0
2/19/2024 20:00	53901 HALI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/19/2024 20:00	64802 MONE_T2	0	0	0	0	0	0	0.29	0.27	0	0	0	0	0	0
2/19/2024 20:00	15001 BLMO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/19/2024 20:00	48902 FOSP_T2	0	0	0	0	0	0	0.05	0	0	0	0	0	0	0
2/19/2024 20:00	54204 PENN_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/19/2024 20:00	47403 PENS_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/19/2024 20:00	46301 ROHR_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/19/2024 20:00	54503 ENOL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/19/2024 20:00	43001 ALWD_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/19/2024 20:00	56802 BENV_T2	0	0	0	0	0	0	-1.28	-1.28	0	0	0	0	0	0
2/19/2024 20:00	60604 NCOL_T2	0	0	0	0	0	0	0.25	0.31	0	0	0	0	0	0
2/19/2024 20:01	42201 SHEN_T2	0	0	0	0	0	0	0.14	0.11	1	1	0	600	600	0
2/19/2024 20:01	54504 ENOL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/19/2024 20:01	57403 SPAN_T1	0	0	0	0	0	0	0.1	0.12	0	0	0	0	0	0
2/19/2024 20:01	45402 WILO_T2	0	0	0	0	0	0	-0.53	-0.49	0	0	0	0	0	0
2/19/2024 20:01	56802 BENV_T2	0	0	0	0	0	0	-1.28	-1.28	0	0	0	0	0	0
2/19/2024 20:01	55001 NEWP_T1	0	0	0	0	0	0	-0.75	-0.72	1	1	0	600	600	0
2/19/2024 20:01	58402 MORO_T1	0	1	1	0	0	0	-0.54	-0.55	3	3	0	1950	1950	0
2/19/2024 20:01	53502 EVIL_T2	1	1	0	2.3	1.6	-0.7	0	0	0	0	0	0	0	0
2/19/2024 20:01	59101 WALK_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/19/2024 20:01	40602 PIGR_T1	0	0	0	0	0	0	-1.11	-1.06	0	0	0	0	0	0
2/19/2024 20:01	41902 REED_T1	9	24	15	0.38	0.43	0.05	1.11	1.19	0	0	0	0	0	0
2/19/2024 20:01	56504 ROCK_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/19/2024 20:01	40502 CRES_T2	5	11	6	0.16	0.26	0.1	-0.63	-0.66	0	0	0	0	0	0
2/19/2024 20:02	54505 ENOL_T2	1	1	0	0.1	0.3	0.2	0	0	0	0	0	0	0	0
2/19/2024 20:02	44301 BEAV_T2	1	1	0	0.6	0.2	-0.4	-0.13	-0.08	2	2	0	1200	1200	0
2/19/2024 20:02	57403 SPAN_T1	0	0	0	0	0	0	0.1	0.12	0	0	0	0	0	0
2/19/2024 20:02	43304 WATS_T2	4	0	-4	0.5	0	-0.5	-0.3	-0.3	0	0	0	0	0	0
2/19/2024 20:02	57303 MOAL_T2	1	1	0	8.5	7.9	-0.6	0	0	0	0	0	0	0	0
2/19/2024 20:03	54603 SUMM_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/19/2024 20:03	58401 MORO_T1	0	0	0	0	0	0	-1.05	-1.02	1	1	0	600	600	0
2/19/2024 20:03	55001 NEWP_T1	0	0	0	0	0	0	-0.75	-0.72	1	1	0	600	600	0
2/19/2024 20:03	56501 ROCK_T2	2	3	1	0.7	0.75	0.05	-1.31	-1.32	0	0	0	0	0	0
2/19/2024 20:03	48901 FOSP

Appendix C - Grid Benefits Achieved in Each Instance of Active Management

2/20/2024 7:25	65002 NEFF_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/20/2024 7:56	46203 DANV_T2	3	0	-3	0.5	0	-0.5	0	0	0	0	0	0	0	0
2/20/2024 7:56	43402 BENT_T1	0	1	1	0	0	0	0	0	0	0	0	0	0	0
2/20/2024 7:57	46202 DANV_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/20/2024 7:57	43402 BENT_T1	0	1	1	0	0	0	0	0	0	0	0	0	0	0
2/20/2024 8:01	15604 NSTR_T1	50	147	97	0.5	0.99	0.49	0	0	0	0	0	0	0	0
2/20/2024 8:04	15604 NSTR_T1	50	147	97	0.5	0.99	0.49	0	0	0	0	0	0	0	0
2/20/2024 8:06	59101 WALK_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/20/2024 8:09	46203 DANV_T2	0	16	16	0	0.1	0.1	0	0	0	0	0	0	0	0
2/20/2024 8:10	46201 DANV_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/20/2024 8:11	45501 DERR_T2	7	1	-6	0.39	0	-0.39	0	0	0	0	0	0	0	0
2/20/2024 8:20	49804 UNIV_T1	0	2	2	0	0.15	0.15	0	0	0	0	0	0	0	0
2/20/2024 8:22	65001 NEFF_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/20/2024 8:23	10801 CHHI_T1	0	1	1	0	0.2	0.2	0	0	0	0	0	0	0	0
2/20/2024 8:28	10801 CHHI_T1	0	1	1	0	0.2	0.2	0	0	0	0	0	0	0	0
2/20/2024 8:28	65001 NEFF_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/20/2024 8:39	10801 CHHI_T1	1	1	0	0.2	0.2	0	0	0	0	0	0	0	0	0
2/20/2024 8:40	53601 DALM_T2	1	1	0	1.1	1	-0.1	0	0	0	0	0	0	0	0
2/20/2024 8:44	10801 CHHI_T1	1	1	0	0.2	0.2	0	0	0	0	0	0	0	0	0
2/20/2024 8:49	13902 SEID_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/20/2024 8:57	24702 FLND_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/20/2024 9:00	65005 NEFF_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/20/2024 9:00	40504 CRES_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/20/2024 9:00	41901 REED_T1	10	11	1	0.77	0.93	0.16	0	0	0	0	0	0	0	0
2/20/2024 9:00	66303 MCGD_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/20/2024 9:00	40101 HUNT_T2	454	451	-3	1.59	1.36	-0.23	0	0	0	0	0	0	0	0
2/20/2024 9:00	60801 BUCK_T1	0	1	1	0	0	0	0	0	0	0	0	0	0	0
2/20/2024 9:00	46004 BERW_T2	2	2	0	1.15	1.1	-0.05	0	0	0	0	0	0	0	0
2/20/2024 9:00	62602 ENGL_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/20/2024 9:00	42903 MIDD_T2	1	2	1	0.1	0.35	0.25	0	0	0	0	0	0	0	0
2/20/2024 9:00	45502 DERR_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/20/2024 9:00	53902 HALI_T2	1	1	0	6	5.9	-0.1	0	0	0	0	0	0	0	0
2/20/2024 9:00	59202 THOM_T1	0	3	3	0	0.13	0.13	0	0	0	0	0	0	0	0
2/20/2024 9:00	40602 PIGR_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/20/2024 9:00	17804 GILB_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/20/2024 9:00	13501 MCMI_T1	1	1	0	0.5	0	-0.5	0	0	0	0	0	0	0	0
2/20/2024 9:00	10801 CHHI_T1	0	1	1	0	0.5	0.5	0	0	0	0	0	0	0	0
2/20/2024 9:00	53501 EVIL_T2	3	5	2	0.43	0.48	0.05	0	0	0	0	0	0	0	0
2/20/2024 9:00	67401 WAKE_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/20/2024 9:00	59101 WALK_T2	0	1	1	0	0.3	0.3	0	0	0	0	0	0	0	0
2/20/2024 9:00	43001 ALWD_T1	0	1	1	0	0.1	0.1	0	0	0	0	0	0	0	0
2/20/2024 9:01	58401 MORO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/20/2024 9:01	43304 WATS_T2	0	1	1	0	0	0	0	0	0	0	0	0	0	0
2/20/2024 9:01	40101 HUNT_T2	454	451	-3	1.59	1.36	-0.23	0	0	0	0	0	0	0	0
2/20/2024 9:02	40101 HUNT_T2	454	451	-3	1.59	1.36	-0.23	0	0	0	0	0	0	0	0
2/20/2024 9:06	13904 SEID_T1	21	25	4	1.01	1.23	0.22	0	0	0	0	0	0	0	0
2/20/2024 9:06	58402 MORO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/20/2024 9:06	54603 SUMM_T2	1	2	1	0.1	0.15	0.05	0	0	0	0	0	0	0	0
2/20/2024 9:06	55102 WERT_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/20/2024 9:07	47101 MARL_T1	1	0	-1	0.3	0	-0.3	0	0	0	0	0	0	0	0
2/20/2024 9:07	27502 WEIS_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/20/2024 9:07	60701 BREC_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/20/2024 9:08	47104 MARL_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/20/2024 9:08	12302 LANA_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/20/2024 9:08	52002 LING_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/20/2024 9:08	47104 MARL_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/20/2024 9:08	49803 UNIV_T1	14	1	-13	0.11	0.2	0.09	0	0	0	0	0	0	0	0
2/20/2024 9:10	46203 DANV_T2	16	55	39	0.25	0.4	0.15	0	0	0	0	0	0	0	0
2/20/2024 9:11	45501 DERR_T2	0	1	1	0	0	0	0	0	0	0	0	0	0	0
2/20/2024 9:14	64301 LINC_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/20/2024 9:16	13501 MCMI_T1	1	1	0	0.4	0	-0.4	0	0	0	0	0	0	0	0
2/20/2024 9:16	13503 MCMI_T2	0	1	1	0	0.1	0.1	0	0	0	0	0	0	0	0
2/20/2024 9:17	13704 SCHN_T2	1	0	-1	0.1	0	-0.1	0	0	0	0	0	0	0	0
2/20/2024 9:18	47802 MOCA_T2	1	0	-1	0.1	0	-0.1	0	0	0	0	0	0	0	0
2/20/2024 9:21	59102 WALK_T2	2	23	21	0.1	0.24	0.14	0	0	0	0	0	0	0	0
2/20/2024 9:23	59101 WALK_T2	1	2	1	0.3	0.2	-0.1	0	0	0	0	0	0	0	0
2/20/2024 9:25	41402 BENT_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/20/2024 9:26	43402 BENT_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/20/2024 9:27	46206 DANV_T2	0	3	3	0	0.17	0.17	0	0	0	0	0	0	0	0
2/20/2024 9:28	46204 DANV_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/20/2024 9:29	41801 GOCI_T2	2	5	3	0.5	0.32	-0.18	0	0	0	0	0	0	0	0
2/20/2024 9:29	28604 BLYT_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/20/2024 9:30	59001 MIFF_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/20/2024 9:30	25404 LANA_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/20/2024 9:32	41801 GOCI_T2	1	11	10	0.9	0.33	-0.57	0	0	0	0	0	0	0	0
2/20/2024 9:35	43303 WATS_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/20/2024 9:35	41901 REED_T1	11	10	-1	0.91	0.82	-0.09	0	0	0	0	0	0	0	0
2/20/2024 9:35	47401 PENS_T1	1	2	1	1.2	0.7	-0.5	0	0	0	0	0	0	0	0
2/20/2024 9:36	44301 BEAV_T2	1	2	1	0.2	0.75	0.55	0	0	0	0	0	0	0	0
2/20/2024 9:36	43304 WATS_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/20/2024 9:37	56802 BENV_T2	18	30	12	0.21	0.24	0.03	0	0	0	0	0	0	0	0
2/20/2024 9:37	29402 BELT_T1	9	10	1	0.8	0.88	0.08	0	0	0	0	0	0	0	0
2/20/2024 9:38	56802 BENV_T2	18	30	12	0.21	0.24	0.03	0	0	0	0	0	0	0	0
2/20/2024 9:39	56802 BENV_T2	18	30	12	0.21	0.24	0.03	0	0	0	0	0	0	0	0
2/20/2024 9:39	43303 WATS_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/20/2024 9:40	56802 BENV_T2	18	30	12	0.21	0.24	0.03	0	0	0	0	0	0	0	0
2/20/2024 9:41	29402 BELT_T1	4	8	4	0.13	0.15	0.02	0	0	0	0	0	0	0	0
2/20/2024 9:41	56802 BENV_T2	18	30	12	0.21	0.24	0.03	0	0	0	0	0	0	0	0
2/20/2024 9:42	46204 DANV_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/20/2024 9:42	56802 BENV_T2	18	30	12	0.21	0.24	0.03	0	0	0	0	0	0	0	0
2/20/2024 9:42	10801 CHHI_T1	1	1	0	0.5	0.7	0.2	0	0	0	0	0	0	0	0
2/20/2024 9:44	13503 MCMI_T2	0	2	2	0	0.3	0.3	0	0	0	0	0	0	0	0
2/20/2024 9:48	13503 MCMI_T2	1	26	25	0.1	0.23	0.13	0	0	0	0	0	0	0	0
2/20/2024 9:48	47402 PENS_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/20/2024 9:48	56503 ROCK_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/20/2024 9:48	17002 RIRO_T2	5	1	-4	0.12	0.1	-0.02	0	0	0	0	0	0	0	0
2/20/2024 9:50	47401 PENS_T1	2	2	0	0.55	0.8	0.25	0	0	0	0	0	0	0	0
2/20/2024 9:51	67604 WARW_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/20/2024 9:51	43001 ALWD_T1	1	1	0	0.2	0.2	0	0	0	0	0	0	0	0	0
2/20/2024 9:52	16302 ALPA_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/20/2024 9:52	29402 BELT_T1	9	52	43	0.88	0.46	-0.42	0	0	0	0	0	0	0	0
2/20/2024 9:53	16302 ALPA_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/20/2024 9:53	57403 SPAN_T1	8	21	13	0.23	0.29	0.06	0	0	0	0	0	0	0	0
2/20/2024 9:54	67502 WEWI_T2	2	2	0	0.15	0.65	0.5	0	0	0	0	0	0	0	0
2/20/2024 9:54	24901 WHHA_T1	0	1	1	0	0.7	0.7	0	0	0	0	0	0	0	0
2/20/2024 9:55	46204 DANV_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/20/2024 9:55	16302 ALPA_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/20/2024 9:56	46203 DANV_T2	85	108	23	0.43	0.62	0.19	0	0	0	0	0	0	0	0
2/20/2024 9:56	29402 BELT_T1	9	52	43	0.88	0.46	-0.42	0	0	0	0	0	0	0	0
2/20/2024 10:01	43201 MVIL_T2	0	1	1	0	0.4	0.4	0	0	0	0	0	0	0	0
2/20/2024 10:01	67201 TEHI_T1	1	3	2	0.2	0.8	0.6	0	0	0	0	0	0	0	0
2/20/2024 10:02	57301 MOAL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/20/2024 10:02	55002 NEWP_T1	10	10	0	0.85	1.1	0.25	0	0	0	0	0	0	0	0
2/20/2024 10:02	67203 TEHI_T1	17	0	-17	0.35	0	-0.35	0	0	0	0	0	0	0	0
2/20/2024 10:03	57304 MOAL_T2	9	35	26	0.27	0.28	0.01	0	0	0	0	0	0	0	0
2/20/2024 10:03	13302 ORVI_T2	8	6	-2	0.29	0.42	0.13	0	0	0	0	0	0	0	0
2/20/2024 10:03	55001 NEWP_T1	1	2	1	0.4	0.65	0.25	0	0	0	0	0	0	0	0
2/20/2024 10:04	40601 PIGR_T1	21	82	61	0.21	0.2	-0.01	0	0	0	0	0	0	0	0
2/20/2024 10:05	40603 PIGR_T1	0	1	1	0	0.2	0.2	0	0	0	0	0	0	0	0
2/20/2024 10:05	46702 RENO_T1	0	1	1	0	0.1	0.1	0	0	0	0	0	0	0	0
2/20/2024 10:05	46302 ROHR_T1	2	2	0	0.55	0.95	0.4	0	0	0	0	0	0	0	0
2/20/2024 10:05	67503 WEWI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/20/2024 10:05	57403 SPAN_T1	17	39	22	0.24	0.34	0.1	0	0	0	0	0	0	0	0
2/20/2024 10:06	56802 BENV_T2	15	55	40	0.25	0.23	-0.02	0	0	0	0	0	0	0	0
2/20/2024 10:06	57401 SPAN_T1	7	32	25	0.36	0.24	-0.12	0	0	0	0	0	0	0	0
2/20/2024 10:07	14404 SSLA_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/20/2024 10:08	20401 ASHF_T2	2	1	-1	0.2	0.2	0	0	0	0	0	0	0	0	0
2/20/2024 10:08	57403 SPAN_T1	17	39	22	0.24	0.34	0.1	0	0	0	0	0	0	0	0
2/20/2024 10:09	20403 ASHF_T2	1	0	-1	0.1	0	-0.1	0	0	0	0	0	0	0	0
2/20/2024 10:09	53601 DALM_T2	1	1	0	0.8	0.9	0.1	0	0	0	0	0	0	0	0
2/20/2024 10:10	54504 ENOL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/20/2024 10:11	17804 GILB_T2	1	1	0	1	1.5	0.5	0	0	0	0	0	0	0	0
2/20/2024 10:11	45501 DERR_T2	0	1	1	0	0.1	0.1	0	0	0	0	0	0	0	0
2/20/2024 10:11	56802 BENV_T2	15	55	40	0.25	0.23	-0.02	0	0	0	0	0	0	0	0
2/20/2024 10:11	43001 ALWD_T1	1	1	0	0.2	0.4	0.2	0	0	0	0	0	0	0	0
2/20/2024 10:12	45502 DERR_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/20/2024 10:13	41602 CLEV_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/20/2024 10:15	13501 MCMI_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/20/2024 10:16	47802 MOCA_T2	0	2	2	0	0.1	0.1	0	0	0	0	0	0	0	0
2/20/2024 10:17	54204 PENN_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/20/2024 10:17	65004 NEFF_T2	1	1	0	0.5	0.7	0.2	0	0	0	0	0	0	0	0
2/20/2024 10:19	13503 MCMI_T2	26	69	43	0.23	0.25	0.02	0	0	0	0	0	0	0	0
2/20/2024 10:21	67605 WARW_T1	26	32	6	0.43	0.43	0	0	0	0	0	0	0	0	0
2/20/2024 10:21	15001 BLMO_T1	0	2	2	0	0.2	0.2	0	0	0	0	0	0	0	0
2/20/2024 10:22	56503 ROCK_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/20/2024 10:22	15001 BLMO_T1	0	2	2	0	0.2	0.2	0	0	0	0	0	0	0	0
2/20/2024 10:22	57401 SPAN_T1	3	71	68	0.67	0.26	-0.41	0	0	0	0	0	0	0	0
2/20/2024 10:23	14402 SSLA_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/20/2024 10:23	29401 BELT_T1	7	5	-2	0.16	0.14	-0.02	0	0	0	0	0	0	0	0
2/20/2024 10:23	15001 BLMO_T1	0	2	2	0	0.2	0.2	0	0	0	0	0	0	0	0
2/20/2024 10:24	54503 ENOL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/20/2024 10:24	44301 BEAV_T2	2	6	4	0.4	0.65	0.25	0	0	0	0	0	0	0	0
2/20/2024 10:24	20401 ASHF_T2	1	2	1	0.2	0.3	0.1	0	0	0	0	0	0	0	0
2/20/2024 10:24	29402 BELT_T1	52	42	-10	0.46	0.51	0.05	0	0	0	0	0	0	0	0
2/20/2024 10:25	20401 ASHF_T2	1	2	1	0.2	0.3	0.1	0	0	0	0	0	0	0	0
2/20/2024 10:25	41602 CLEV_T1	0	1	1	0	0.3	0.3	0	0	0	0	0	0	0	0
2/20/2024 10:25	23901 EFMO_T2	6	1	-5	0.2	0.6	0.4	0	0	0	0	0	0	0	0
2/20/2024 10:26	17805 GILB_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/20/2024 10:27	17801 GILB_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/20/2024 10:27	29401 BELT_T1	7	5	-2	0.16	0.14	-0.02	0	0	0	0	0	0	0	0
2/20/2024 10:28	54503 ENOL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/20/2024 10:29	26402 INOR_T1	0	1	1	0	0.5	0.5	0	0	0	0	0	0	0	0
2/20/2024 10:30	10805 CHHI_T2	10	12	2	1.31	1.14	-0.17	0	0	0	0	0	0	0	0
2/20/2024 10:31	64203 KINZ_T1	0	1	1	0	0	0	0	0	0	0	0	0	0	0
2/20/2024 10:31	10805 CHHI_T2	10	12	2	1.31	1.14	-0.17	0	0	0	0	0	0	0	0
2/20/2024 10:31	54206 PENN_T2	2	9	7	0.2	0.24	0.04	0	0	0	0	0	0	0	0
2/20/2024 10:33	64101 REFR_T1	1	2	1	0.7	0.55	-0.15	0	0	0	0	0	0	0	0
2/20/2024 10:33	58401 MORO_T1	0	1	1	0	0.4	0.4	0	0	0	0	0	0	0	0
2/20/2024 10:33	57403 SPAN_T1	38	27	-11	0.34	0.3	-0.04	0	0	0	0	0	0	0	0
2/20/2024 10:33	54206 PENN_T2	2	9	7	0.2	0.24	0.04	0	0	0	0	0	0	0	0
2/20/2024 10:34	65004 NEFF_T2	1	1	0	0.7	0.5	-0.2	0	0	0	0	0	0	0	0
2/20/2024 10:34	57401 SPAN_T1	32	129	97	0.24	0.32	0.08	0	0	0	0	0	0	0	0
2/20/2024 10:34	67001 STHI_T2	112	294	182	0.14	0.16	0.02	0	0	0	0	0	0	0	0
2/20/2024 10:35	56501 ROCK_T2	2	4	2	0.95	0.5	-0.45	0	0	0	0	0	0	0	0
2/20/2024 10:35	13302 ORVI_T2	6	7	1	0.42	0.36	-0.06	0	0	0	0	0	0	0	0
2/20/2024 10:35	17804 GILB_T2	1	1	0	1.5	1.3	-0.2	0	0	0	0	0	0	0	0
2/20/2024 10:35	67001 STHI_T2	112	294	182	0.14	0.16	0.02	0	0	0	0	0	0	0	0
2/20/2024 10:36	57401 SPAN_T1	32	129	97	0.24	0.32	0.08	0	0	0	0	0	0	0	0
2/20/2024 10:37	57401 SPAN_T1	32	129	97	0.24	0.32	0.08	0	0	0	0	0	0	0	0
2/20/2024 10:37	56501 ROCK_T2	2	4	2	0.95	0.5	-0.45	0	0	0	0	0	0	0	0
2/20/2024 10:37	42203 SHEN_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/20/2024 10:37	67001 STHI_T2	112	294	182	0.14	0.16	0.02	0	0	0	0	0	0	0	0
2/20/2024 10:38	57401 SPAN_T1	32	129	97	0.24	0.32	0.08	0	0	0	0	0

2/20/2024 10:55	54506 ENOL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/20/2024 10:55	16101 BING_T2	171	15	-156	0.81	0.16	-0.65	0	0	0	0	0	0	0	0
2/20/2024 10:55	17802 GILB_T1	2	4	2	1.25	0.78	-0.47	0	0	0	0	0	0	0	0
2/20/2024 10:55	43001 ALWD_T1	1	1	0	0.6	0.7	0.1	0	0	0	0	0	0	0	0
2/20/2024 10:57	54504 ENOL_T2	0	1	1	0	0.3	0.3	0	0	0	0	0	0	0	0
2/20/2024 10:57	54505 ENOL_T2	2	2	0	0.8	0.95	0.15	0	0	0	0	0	0	0	0
2/20/2024 10:57	41802 GOCI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/20/2024 10:57	46002 BERW_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/20/2024 10:58	54501 ENOL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/20/2024 10:58	40101 HUNT_T2	307	215	-92	0.68	0.51	-0.17	0	0	0	0	0	0	0	0
2/20/2024 10:58	46801 HEPB_T2	2	2	0	0.8	0.8	0	0	0	0	0	0	0	0	0
2/20/2024 10:58	53502 EVIL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/20/2024 10:59	17801 GILB_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/20/2024 10:59	53502 EVIL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/20/2024 10:59	54502 ENOL_T2	0	2	2	0	0.2	0.2	0	0	0	0	0	0	0	0
2/20/2024 10:59	54505 ENOL_T2	2	2	0	0.8	0.95	0.15	0	0	0	0	0	0	0	0
2/20/2024 10:59	64801 MONE_T2	24	57	33	0.31	0.38	0.07	0	0	0	0	0	0	0	0
2/20/2024 10:59	40101 HUNT_T2	307	215	-92	0.68	0.51	-0.17	0	0	0	0	0	0	0	0
2/20/2024 11:00	53501 EVIL_T2	5	10	5	0.6	1.09	0.49	0	0	0	0	0	0	0	0
2/20/2024 11:00	40101 HUNT_T2	213	108	-105	0.61	0.4	-0.21	0	0	0	0	0	0	0	0
2/20/2024 11:00	17802 GILB_T1	4	4	0	0.6	0.83	0.23	0	0	0	0	0	0	0	0
2/20/2024 11:00	64703 LITI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/20/2024 11:00	43001 ALWD_T1	1	2	1	0.7	0.45	-0.25	0	0	0	0	0	0	0	0
2/20/2024 11:01	29402 BELT_T1	76	77	1	0.42	0.45	0.03	0	0	0	0	0	0	0	0
2/20/2024 11:02	52006 LING_T2	0	1	1	0	0.4	0.4	0	0	0	0	0	0	0	0
2/20/2024 11:02	50502 MECH_T1	1	2	1	1.8	1	-0.8	0	0	0	0	0	0	0	0
2/20/2024 11:03	54202 PENN_T2	1	1	0	0.2	0.2	0	0	0	0	0	0	0	0	0
2/20/2024 11:04	57401 SPAN_T1	128	198	70	0.32	0.38	0.06	0	0	0	0	0	0	0	0
2/20/2024 11:04	48303 ORWI_T2	1	1	0	0.2	0.1	-0.1	0	0	0	0	0	0	0	0
2/20/2024 11:04	54204 PENN_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/20/2024 11:05	48302 ORWI_T2	2	2	0	1.1	1.2	0.1	0	0	0	0	0	0	0	0
2/20/2024 11:05	56504 ROCK_T2	1	2	1	0.1	0.2	0.1	0	0	0	0	0	0	0	0
2/20/2024 11:06	67502 WEWI_T2	4	7	3	0.85	0.53	-0.32	0	0	0	0	0	0	0	0
2/20/2024 11:06	60201 ATGL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/20/2024 11:07	67502 WEWI_T2	4	7	3	0.85	0.53	-0.32	0	0	0	0	0	0	0	0
2/20/2024 11:07	66702 STRA_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/20/2024 11:08	29401 BELT_T1	10	40	30	0.15	0.22	0.07	0	0	0	0	0	0	0	0
2/20/2024 11:08	27503 WEIS_T2	1	3	2	0.2	0.23	0.03	0	0	0	0	0	0	0	0
2/20/2024 11:09	29402 BELT_T1	76	77	1	0.42	0.45	0.03	0	0	0	0	0	0	0	0
2/20/2024 11:09	46002 BERW_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/20/2024 11:10	17801 GILB_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/20/2024 11:10	44302 BEAV_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/20/2024 11:11	67502 WEWI_T2	4	7	3	0.85	0.53	-0.32	0	0	0	0	0	0	0	0
2/20/2024 11:11	43001 ALWD_T1	1	2	1	0.7	0.45	-0.25	0	0	0	0	0	0	0	0
2/20/2024 11:12	29402 BELT_T1	76	77	1	0.42	0.45	0.03	0	0	0	0	0	0	0	0
2/20/2024 11:13	54501 ENOL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/20/2024 11:14	67401 WAKE_T2	0	1	1	0	0.2	0.2	0	0	0	0	0	0	0	0
2/20/2024 11:15	17802 GILB_T1	4	3	-1	0.75	1	0.25	0	0	0	0	0	0	0	0
2/20/2024 11:16	50506 MECH_T1	3	3	0	0.47	0.47	0	0	0	0	0	0	0	0	0
2/20/2024 11:16	43001 ALWD_T1	1	3	2	0.5	0.37	-0.13	0	0	0	0	0	0	0	0
2/20/2024 11:17	59402 RFLD_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/20/2024 11:18	59402 RFLD_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/20/2024 11:18	29401 BELT_T1	22	40	18	0.14	0.22	0.08	0	0	0	0	0	0	0	0
2/20/2024 11:18	44601 SALE_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/20/2024 11:19	44601 SALE_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/20/2024 11:19	56504 ROCK_T2	0	2	2	0	0.2	0.2	0	0	0	0	0	0	0	0
2/20/2024 11:19	67002 STHI_T2	59	207	148	0.3	0.24	-0.06	0	0	0	0	0	0	0	0
2/20/2024 11:20	59202 THOM_T1	20	56	36	0.28	0.34	0.06	0	0	0	0	0	0	0	0
2/20/2024 11:20	59402 RFLD_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/20/2024 11:21	43001 ALWD_T1	1	3	2	0.5	0.37	-0.13	0	0	0	0	0	0	0	0
2/20/2024 11:22	54503 ENOL_T2	0	1	1	0	0.1	0.1	0	0	0	0	0	0	0	0
2/20/2024 11:22	65004 NEFF_T2	1	1	0	0.5	0.5	0	0	0	0	0	0	0	0	0
2/20/2024 11:22	61301 EARL_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/20/2024 11:22	43304 WATS_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/20/2024 11:22	56504 ROCK_T2	0	2	2	0	0.2	0.2	0	0	0	0	0	0	0	0
2/20/2024 11:22	67002 STHI_T2	59	207	148	0.3	0.24	-0.06	0	0	0	0	0	0	0	0
2/20/2024 11:23	57403 SPAN_T1	21	37	16	0.33	0.35	0.02	0	0	0	0	0	0	0	0
2/20/2024 11:23	60102 COCA_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/20/2024 11:23	59202 THOM_T1	20	56	36	0.28	0.34	0.06	0	0	0	0	0	0	0	0
2/20/2024 11:24	61803 EELI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/20/2024 11:26	54504 ENOL_T2	1	1	0	0.3	0.3	0	0	0	0	0	0	0	0	0
2/20/2024 11:26	54503 ENOL_T2	0	1	1	0	0.1	0.1	0	0	0	0	0	0	0	0
2/20/2024 11:26	43001 ALWD_T1	1	3	2	0.5	0.37	-0.13	0	0	0	0	0	0	0	0
2/20/2024 11:27	54503 ENOL_T2	0	1	1	0	0.1	0.1	0	0	0	0	0	0	0	0
2/20/2024 11:27	54501 ENOL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/20/2024 11:27	60102 COCA_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/20/2024 11:28	54503 ENOL_T2	0	1	1	0	0.1	0.1	0	0	0	0	0	0	0	0
2/20/2024 11:28	56504 ROCK_T2	0	2	2	0	0.2	0.2	0	0	0	0	0	0	0	0
2/20/2024 11:28	41601 CLEV_T1	1	1	0	0.8	0.9	0.1	0	0	0	0	0	0	0	0
2/20/2024 11:28	54502 ENOL_T2	1	3	2	0.3	0.3	0	0	0	0	0	0	0	0	0
2/20/2024 11:29	48902 FOSP_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/20/2024 11:29	53903 HALI_T2	5	5	0	1.04	1.16	0.12	0	0	0	0	0	0	0	0
2/20/2024 11:29	40101 HUNT_T2	108	56	-52	0.53	0.38	-0.15	0	0	0	0	0	0	0	0
2/20/2024 11:29	41601 CLEV_T1	1	1	0	0.8	0.9	0.1	0	0	0	0	0	0	0	0
2/20/2024 11:30	54505 ENOL_T2	2	2	0	0.9	1.1	0.2	0	0	0	0	0	0	0	0
2/20/2024 11:30	53901 HALI_T2	1	2	1	0.7	0.6	-0.1	0	0	0	0	0	0	0	0
2/20/2024 11:30	42901 MIDD_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/20/2024 11:30	67201 TEHI_T1	75	72	-3	0.37	0.38	0.01	0	0	0	0	0	0	0	0
2/20/2024 11:31	26402 INOR_T1	1	4	3	0.9	0.7	-0.2	0	0	0	0	0	0	0	0
2/20/2024 11:31	64802 MONE_T2	52	133	81	0.37	0.33	-0.04	0	0	0	0	0	0	0	0
2/20/2024 11:31	54505 ENOL_T2	2	2	0	0.9	1.1	0.2	0	0	0	0	0	0	0	0
2/20/2024 11:31	26402 INOR_T1	1	4	3	0.9	0.7	-0.2	0	0	0	0	0	0	0	0
2/20/2024 11:31	58401 MORO_T1	1	-1	0	0.2	0.2	0	0	0	0	0	0	0	0	0
2/20/2024 11:32	67201 TEHI_T1	75	72	-3	0.37	0.38	0.01	0	0	0	0	0	0	0	0
2/20/2024 11:33	13903 SEID_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/20/2024 11:33	64801 MONE_T2	36	55	19	0.32	0.37	0.05	0	0	0	0	0	0	0	0
2/20/2024 11:33	42903 MIDD_T2	2	2	0	0.35	0.75	0.4	0	0	0	0	0	0	0	0
2/20/2024 11:33	56504 ROCK_T2	2	0	-2	0.2	0	-0.2	0	0	0	0	0	0	0	0
2/20/2024 11:33	59402 RFLD_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/20/2024 11:33	65502 MOJO_T2	0	5	5	0	0.14	0.14	0	0	0	0	0	0	0	0
2/20/2024 11:33	67002 STHI_T2	102	312	210	0.27	0.25	-0.02	0	0	0	0	0	0	0	0
2/20/2024 11:34	54206 PENN_T2	7	30	23	0.24	0.2	-0.04	0	0	0	0	0	0	0	0
2/20/2024 11:34	67001 STHI_T2	391	581	190	0.18	0.27	0.09	0	0	0	0	0	0	0	0
2/20/2024 11:34	65502 MOJO_T2	0	5	5	0	0.14	0.14	0	0	0	0	0	0	0	0
2/20/2024 11:34	64802 MONE_T2	52	133	81	0.37	0.33	-0.04	0	0	0	0	0	0	0	0
2/20/2024 11:34	56504 ROCK_T2	2	0	-2	0.2	0	-0.2	0	0	0	0	0	0	0	0
2/20/2024 11:34	59402 RFLD_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/20/2024 11:35	43302 WATS_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/20/2024 11:35	67605 WARW_T1	56	90	34	0.54	0.52	-0.02	0	0	0	0	0	0	0	0
2/20/2024 11:35	67002 STHI_T2	102	312	210	0.27	0.25	-0.02	0	0	0	0	0	0	0	0
2/20/2024 11:35	56503 ROCK_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/20/2024 11:35	49803 UNIV_T1	11	1	-10	0.18	0.3	0.12	0	0	0	0	0	0	0	0
2/20/2024 11:36	43001 ALWD_T1	2	5	3	0.45	0.44	-0.01	0	0	0	0	0	0	0	0
2/20/2024 11:36	56501 ROCK_T2	2	11	9	0.1	0.36	0.26	0	0	0	0	0	0	0	0
2/20/2024 11:36	43301 WATS_T2	2	2	0	0.25	0.45	0.2	0	0	0	0	0	0	0	0
2/20/2024 11:36	55102 WERT_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/20/2024 11:36	59402 RFLD_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/20/2024 11:36	67002 STHI_T2	102	312	210	0.27	0.25	-0.02	0	0	0	0	0	0	0	0
2/20/2024 11:37	67002 STHI_T2	102	312	210	0.27	0.25	-0.02	0	0	0	0	0	0	0	0
2/20/2024 11:37	44302 BEAV_T2	0	1	1	0	0.3	0.3	0	0	0	0	0	0	0	0
2/20/2024 11:37	43303 WATS_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/20/2024 11:37	61101 BERK_T5	5	7	2	0.38	0.4	0.02	0	0	0	0	0	0	0	0
2/20/2024 11:37	67002 STHI_T2	102	312	210	0.27	0.25	-0.02	0	0	0	0	0	0	0	0
2/20/2024 11:37	43001 ALWD_T1	2	5	3	0.45	0.44	-0.01	0	0	0	0	0	0	0	0
2/20/2024 11:38	60801 BUCK_T1	5	5	0	0.28	0.5	0.22	0	0	0	0	0	0	0	0
2/20/2024 11:38	44301 BEAV_T2	10	18	8	0.58	0.53	-0.05	0	0	0	0	0	0	0	0
2/20/2024 11:38	60101 COCA_T1	6	5	-1	0.37	0.36	-0.01	0	0	0	0	0	0	0	0
2/20/2024 11:38	43302 WATS_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/20/2024 11:38	56501 ROCK_T2	2	11	9	0.1	0.36	0.26	0	0	0	0	0	0	0	0
2/20/2024 11:38	17002 RIRO_T2	1	1	0	0.2	0.4	0.2	0	0	0	0	0	0	0	0
2/20/2024 11:38	59202 THOM_T1	56	4	-52	0.34	0.4	0.06	0	0	0	0	0	0	0	0
2/20/2024 11:38	60201 ATGL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/20/2024 11:39	61101 BERK_T5	5	7	2	0.38	0.4	0.02	0	0	0	0	0	0	0	0
2/20/2024 11:39	62606 ENGL_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/20/2024 11:39	60101 COCA_T1	6	5	-1	0.37	0.36	-0.01	0	0	0	0	0	0	0	0
2/20/2024 11:39	44301 BEAV_T2	10	18	8	0.58	0.53	-0.05	0	0	0	0	0	0	0	0
2/20/2024 11:40	49804 UNIV_T1	3	1	-2	0.13	0.1	-0.03	0	0	0	0	0	0	0	0
2/20/2024 11:40	62605 ENGL_T1	2	4	2	0.35	0.43	0.08	0	0	0	0	0	0	0	0
2/20/2024 11:41	62604 ENGL_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/20/2024 11:41	61801 EELI_T2	1	6	5	0.1	0.27	0.17	0	0	0	0	0	0	0	0
2/20/2024 11:41	44301 BEAV_T2	10	18	8	0.58	0.53	-0.05	0	0	0	0	0	0	0	0
2/20/2024 11:41	10703 CATA_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/20/2024 11:41	41901 REED_T1	11	11	0	1.05	0.97	-0.08	0	0	0	0	0	0	0	0
2/20/2024 11:41	54506 ENOL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/20/2024 11:41	51101 CARL_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/20/2024 11:41	60102 COCA_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/20/2024 11:42	54503 ENOL_T2	0	1	1	0	0.2	0.2	0	0	0	0	0	0	0	0
2/20/2024 11:42	54505 ENOL_T2	2	2	0	0.9	1.1	0.2	0	0	0	0	0	0	0	0
2/20/2024 11:42	62601 ENGL_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/20/2024 11:42	54504 ENOL_T2	0	1	1	0	0.6	0.6	0	0	0	0	0	0	0	0
2/20/2024 11:42	43001 ALWD_T1	2	5	3	0.45	0.44	-0.01	0	0	0	0	0	0	0	0
2/20/2024 11:43	51101 CARL_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/20/2024 11:43	54503 ENOL_T2	0	1	1	0	0.2	0.2	0	0	0	0	0	0	0	0
2/20/2024 11:43	41901 REED_T1	11	11	0	1.05	0.97	-0.08	0	0	0	0	0	0	0	0
2/20/2024 11:44	54503 ENOL_T2	0	1	1	0	0.2	0.2	0	0	0	0	0	0	0	0
2/20/2024 11:44	54504 ENOL_T2	0	1	1	0	0.6	0.6	0	0	0	0	0	0	0	0
2/20/2024 11:44	62607 ENGL_T1	2	4	2	0.25	0.23	-0.02	0	0	0	0	0	0	0	0
2/20/2024 11:44	43001 ALWD_T1	2	5	3	0.45	0.44	-0.01	0	0	0	0	0	0	0	0
2/20/2024 11:45	54501 ENOL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/20/2024 11:45	54503 ENOL_T2	1	1	0	0.1	0.2	0.1	0	0	0	0	0	0	0	0
2/20/2024 11:45	45704 LIND_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/20/2024 11:45	42902 MIDD_T2	6	8	2	0.52	0.68	0.16	0	0	0	0	0	0	0	0
2/20/2024 11:46	46801 HEPB_T2	3	3	0	0.63	0.67	0.04	0	0	0	0	0	0	0	0
2/20/2024 11:46	67203 TEHI_T1	0	1	1	0	0.1	0.1	0	0	0	0	0	0	0	0
2/20/2024 11:46	41001 LAUR_T2	69	62	-7	0.4	0.26	-0.14	0	0	0	0	0	0	0	0
2/20/2024 11:46	58402 MORO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/20/2024 11:46	54204 PENN_T2	0	1	1	0	0.1	0.1	0	0	0	0	0	0	0	0
2/20/2024 11:47	67203 TEHI_T1	0	1	1	0	0.1	0.1	0	0	0	0	0	0	0	0
2/20/2024 11:47	60701 BREC_T1	1	1	0	0.5	0.4	-0.1	0	0	0	0	0	0	0	0
2/20/2024 11:48	42903 MIDD_T2	2	2	0	0.15	1	0.85	0	0	0	0	0	0	0	0
2/20/2024 11:49	56503 ROCK_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/20/2024 11:49	40601 PIGR_T1	10	16	6	0.43	0.31	-0.12	0	0	0	0	0	0	0	0
2/20/2024 11:49	67204 TEHI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/20/2024 11:49	60701 BREC_T1	1	1	0	0.5	0.4	-0.1	0	0	0	0	0	0	0	0
2/20/2024 11:50	56503 ROCK_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/20/2024 11:50	58401 MORO_T1	1	1	0	0.2	0.1	-0.1	0	0	0	0	0	0	0	0
2/20/2024 11:50	54202 PENN_T2	5	6	1	0.1	0.15	0.05	0	0	0	0	0	0	0	0
2/20/2024 11:50	42204 SHEN_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/20/2024 11:50	40601 PIGR_T1	10	16	6	0.43	0.31	-0.12	0	0	0	0	0	0	0	0
2/20/2024 11:50	14401 SSLA_T1	0	1	1	0	0.1	0.1	0	0	0	0	0	0	0	0
2/20/2024 11:51	56501 ROCK_T2	2	13	11	0.35	0.36	0.01	0	0	0	0	0	0	0	0
2/20/2024 11:51	14403 SSLA_T1	0	0	0	0	0	0	0	0

2/20/2024 12:04	42901 MIDD_T2	0	2	2	0	0.15	0.15	0	0	0	0	0	0	0
2/20/2024 12:04	17002 RIRO_T2	1	3	2	0.3	0.17	-0.13	0	0	0	0	0	0	0
2/20/2024 12:05	65801 RTWN_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
2/20/2024 12:07	55102 WERT_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
2/20/2024 12:07	65801 RTWN_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
2/20/2024 12:09	60101 COCA_T1	5	4	-1	0.36	0.4	0.04	0	0	0	0	0	0	0
2/20/2024 12:12	60102 COCA_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
2/20/2024 12:12	61801 EEU_T2	6	9	3	0.27	0.46	0.19	0	0	0	0	0	0	0
2/20/2024 12:13	46803 HEPB_T2	7	7	0	0.56	0.56	0	0	0	0	0	0	0	0
2/20/2024 12:15	50505 MECH_T1	1	1	0	0.4	0.5	0.1	0	0	0	0	0	0	0
2/20/2024 12:16	50504 MECH_T1	1	2	1	0.5	0.4	-0.1	0	0	0	0	0	0	0
2/20/2024 12:18	59302 MCAL_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
2/20/2024 12:20	13905 SEID_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
2/20/2024 12:20	44301 BEAV_T2	12	7	-5	0.54	0.43	-0.11	0	0	0	0	0	0	0
2/20/2024 12:24	24101 EHAZ_T1	48	35	-13	0.9	0.81	-0.09	0	0	0	0	0	0	0
2/20/2024 12:25	65003 NEFF_T2	7	6	-1	0.36	0.48	0.12	0	0	0	0	0	0	0
2/20/2024 12:27	56603 HAMP_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
2/20/2024 12:28	40101 HUNT_T2	9	32	23	0.39	0.31	-0.08	0	0	0	0	0	0	0
2/20/2024 12:29	24101 EHAZ_T1	48	35	-13	0.9	0.81	-0.09	0	0	0	0	0	0	0
2/20/2024 12:29	40101 HUNT_T2	9	32	23	0.39	0.31	-0.08	0	0	0	0	0	0	0
2/20/2024 12:31	40101 HUNT_T2	18	32	14	0.31	0.33	0.02	0	0	0	0	0	0	0
2/20/2024 12:31	56603 HAMP_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
2/20/2024 12:33	40101 HUNT_T2	18	32	14	0.31	0.33	0.02	0	0	0	0	0	0	0
2/20/2024 12:35	65005 NEFF_T2	2	2	0	0.5	0.45	-0.05	0	0	0	0	0	0	0
2/20/2024 12:37	44302 BEAV_T2	2	0	-2	0.55	0	-0.55	0	0	0	0	0	0	0
2/20/2024 12:38	60101 COCA_T1	4	5	1	0.35	0.44	0.09	0	0	0	0	0	0	0
2/20/2024 12:38	44301 BEAV_T2	6	3	-3	0.43	0.75	0.32	0	0	0	0	0	0	0
2/20/2024 12:39	10701 CATA_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
2/20/2024 12:39	44302 BEAV_T2	2	0	-2	0.55	0	-0.55	0	0	0	0	0	0	0
2/20/2024 12:39	67603 WARW_T1	3	3	0	0.4	0.47	0.07	0	0	0	0	0	0	0
2/20/2024 12:40	44301 BEAV_T2	6	3	-3	0.43	0.75	0.32	0	0	0	0	0	0	0
2/20/2024 12:41	44302 BEAV_T2	2	0	-2	0.55	0	-0.55	0	0	0	0	0	0	0
2/20/2024 12:41	10705 CATA_T2	0	2	2	0	1.15	1.15	0	0	0	0	0	0	0
2/20/2024 12:42	64202 KINZ_T1	3	3	0	0.4	0.33	-0.07	0	0	0	0	0	0	0
2/20/2024 12:43	44301 BEAV_T2	6	3	-3	0.43	0.75	0.32	0	0	0	0	0	0	0
2/20/2024 12:46	42903 MIDD_T2	2	3	1	0.25	0.73	0.48	0	0	0	0	0	0	0
2/20/2024 12:47	59402 RFLD_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
2/20/2024 12:47	41001 LAUR_T2	3	10	7	1.13	0.43	-0.7	0	0	0	0	0	0	0
2/20/2024 12:47	65502 MOJO_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
2/20/2024 12:48	42902 MIDD_T2	2	3	1	0.2	0.73	0.53	0	0	0	0	0	0	0
2/20/2024 12:49	14404 SSLA_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
2/20/2024 12:50	59402 RFLD_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
2/20/2024 12:52	59402 RFLD_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
2/20/2024 12:53	14403 SSLA_T1	1	1	0	0.2	0.2	0	0	0	0	0	0	0	0
2/20/2024 12:55	51109 CARL_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
2/20/2024 12:56	51108 CARL_T1	1	2	1	0.4	0.2	-0.2	0	0	0	0	0	0	0
2/20/2024 12:57	10701 CATA_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
2/20/2024 12:58	45702 LIND_T2	2	4	2	1.9	0.68	-1.22	0	0	0	0	0	0	0
2/20/2024 13:02	65005 NEFF_T2	1	1	0	0.6	0.5	-0.1	0	0	0	0	0	0	0
2/20/2024 13:07	60201 ATGL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
2/20/2024 13:12	62605 ENGL_T1	3	3	0	0.43	0.37	-0.06	0	0	0	0	0	0	0
2/20/2024 13:13	62604 ENGL_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
2/20/2024 13:14	62604 ENGL_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
2/20/2024 13:15	62602 ENGL_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
2/20/2024 13:17	17002 RIRO_T2	1	1	0	0.1	0.2	0.1	0	0	0	0	0	0	0
2/20/2024 13:30	45702 LIND_T2	5	9	4	0.58	0.57	-0.01	0	0	0	0	0	0	0
2/20/2024 13:38	61101 BERK_T5	4	7	3	0.48	0.54	0.06	0	0	0	0	0	0	0
2/20/2024 13:40	61103 BERK_T5	15	37	22	0.35	0.27	-0.08	0	0	0	0	0	0	0
2/20/2024 13:41	44301 BEAV_T2	10	13	3	0.38	0.42	0.04	0	0	0	0	0	0	0
2/20/2024 13:45	50501 MECH_T1	4	5	1	1.6	1.44	-0.16	0	0	0	0	0	0	0
2/20/2024 13:48	43105 SMIL_T2	13	12	-1	0.24	0.23	-0.01	0	0	0	0	0	0	0
2/20/2024 13:49	67001 STHI_T2	706	751	45	0.31	0.29	-0.02	0	0	0	0	0	0	0
2/20/2024 13:50	67002 STHI_T2	331	352	21	0.28	0.26	-0.02	0	0	0	0	0	0	0
2/20/2024 13:51	67002 STHI_T2	331	352	21	0.28	0.26	-0.02	0	0	0	0	0	0	0
2/20/2024 13:51	43302 WATS_T2	4	4	0	0.15	0.28	0.13	0	0	0	0	0	0	0
2/20/2024 13:52	43303 WATS_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
2/20/2024 13:52	67001 STHI_T2	706	751	45	0.31	0.29	-0.02	0	0	0	0	0	0	0
2/20/2024 13:52	67605 WARW_T1	53	62	9	0.73	0.8	0.07	0	0	0	0	0	0	0
2/20/2024 13:53	43301 WATS_T2	3	3	0	0.5	0.53	0.03	0	0	0	0	0	0	0
2/20/2024 13:53	44301 BEAV_T2	13	8	-5	0.39	0.45	0.06	0	0	0	0	0	0	0
2/20/2024 13:53	67001 STHI_T2	706	751	45	0.31	0.29	-0.02	0	0	0	0	0	0	0
2/20/2024 13:54	59202 THOM_T1	5	8	3	0.24	0.26	0.02	0	0	0	0	0	0	0
2/20/2024 13:54	67002 STHI_T2	331	352	21	0.28	0.26	-0.02	0	0	0	0	0	0	0
2/20/2024 13:54	43302 WATS_T2	4	4	0	0.15	0.28	0.13	0	0	0	0	0	0	0
2/20/2024 13:55	44302 BEAV_T2	3	4	1	0.47	0.38	-0.09	0	0	0	0	0	0	0
2/20/2024 13:55	43303 WATS_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
2/20/2024 13:57	17802 GILB_T1	3	4	1	0.7	0.85	0.15	0	0	0	0	0	0	0
2/20/2024 13:58	17802 GILB_T1	3	4	1	0.7	0.85	0.15	0	0	0	0	0	0	0
2/20/2024 13:59	41501 FAIR_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
2/20/2024 13:59	65002 NEFF_T2	0	2	2	0	0.2	0.2	0	0	0	0	0	0	0
2/20/2024 13:59	17802 GILB_T1	3	4	1	0.7	0.85	0.15	0	0	0	0	0	0	0
2/20/2024 13:59	17804 GILB_T2	1	1	0	0.3	1.7	1.4	0	0	0	0	0	0	0
2/20/2024 14:00	17804 GILB_T2	1	1	0	0.4	1.7	1.3	0	0	0	0	0	0	0
2/20/2024 14:01	17805 GILB_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
2/20/2024 14:02	60602 NCOL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
2/20/2024 14:03	67201 TEHI_T1	114	118	4	0.64	0.68	0.04	0	0	0	0	0	0	0
2/20/2024 14:04	60601 NCOL_T2	2	2	0	0.4	0.15	-0.25	0	0	0	0	0	0	0
2/20/2024 14:04	67201 TEHI_T1	114	118	4	0.64	0.68	0.04	0	0	0	0	0	0	0
2/20/2024 14:07	43304 WATS_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
2/20/2024 14:07	67604 WARW_T1	1	1	0	0.6	0.5	-0.1	0	0	0	0	0	0	0
2/20/2024 14:07	16302 ALPA_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
2/20/2024 14:08	43001 ALWD_T1	15	15	0	0.33	0.35	0.02	0	0	0	0	0	0	0
2/20/2024 14:08	43303 WATS_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
2/20/2024 14:08	67402 WAKE_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
2/20/2024 14:08	67604 WARW_T1	1	1	0	0.6	0.5	-0.1	0	0	0	0	0	0	0
2/20/2024 14:09	43304 WATS_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
2/20/2024 14:09	43001 ALWD_T1	15	15	0	0.33	0.35	0.02	0	0	0	0	0	0	0
2/20/2024 14:09	67401 WAKE_T2	1	0	-1	0.2	0	-0.2	0	0	0	0	0	0	0
2/20/2024 14:09	16302 ALPA_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
2/20/2024 14:10	16302 ALPA_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
2/20/2024 14:11	54506 ENOL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
2/20/2024 14:11	41602 CLEV_T1	1	1	0	0.7	0.8	0.1	0	0	0	0	0	0	0
2/20/2024 14:11	62607 ENGL_T1	5	4	-1	0.32	0.35	0.03	0	0	0	0	0	0	0
2/20/2024 14:11	41601 CLEV_T1	1	1	0	0.8	0.7	-0.1	0	0	0	0	0	0	0
2/20/2024 14:11	43001 ALWD_T1	15	15	0	0.33	0.35	0.02	0	0	0	0	0	0	0
2/20/2024 14:12	54506 ENOL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
2/20/2024 14:12	54505 ENOL_T2	3	3	0	0.73	0.77	0.04	0	0	0	0	0	0	0
2/20/2024 14:12	54504 ENOL_T2	3	3	0	0.27	0.27	0	0	0	0	0	0	0	0
2/20/2024 14:13	24105 EHAZ_T1	4	4	0	5.55	5.38	-0.17	0	0	0	0	0	0	0
2/20/2024 14:13	54506 ENOL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
2/20/2024 14:13	54501 ENOL_T2	4	4	0	0.2	0.25	0.05	0	0	0	0	0	0	0
2/20/2024 14:14	54503 ENOL_T2	0	2	2	0	0.1	0.1	0	0	0	0	0	0	0
2/20/2024 14:14	54501 ENOL_T2	4	4	0	0.2	0.25	0.05	0	0	0	0	0	0	0
2/20/2024 14:14	41501 FAIR_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
2/20/2024 14:14	43001 ALWD_T1	15	15	0	0.33	0.35	0.02	0	0	0	0	0	0	0
2/20/2024 14:14	54502 ENOL_T2	3	5	2	0.3	0.26	-0.04	0	0	0	0	0	0	0
2/20/2024 14:14	26402 INOR_T1	5	5	0	0.82	0.74	-0.08	0	0	0	0	0	0	0
2/20/2024 14:14	67401 WAKE_T2	1	0	-1	0.2	0	-0.2	0	0	0	0	0	0	0
2/20/2024 14:14	26401 INOR_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
2/20/2024 14:15	54505 ENOL_T2	2	3	1	1	0.77	-0.23	0	0	0	0	0	0	0
2/20/2024 14:15	54504 ENOL_T2	2	3	1	0.35	0.17	-0.18	0	0	0	0	0	0	0
2/20/2024 14:15	26402 INOR_T1	5	4	-1	0.66	0.63	-0.03	0	0	0	0	0	0	0
2/20/2024 14:15	42902 MIDD_T2	11	15	4	0.39	0.29	-0.1	0	0	0	0	0	0	0
2/20/2024 14:15	54502 ENOL_T2	5	4	-1	0.24	0.25	0.01	0	0	0	0	0	0	0
2/20/2024 14:15	26401 INOR_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
2/20/2024 14:16	54506 ENOL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
2/20/2024 14:16	54506 ENOL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
2/20/2024 14:16	54502 ENOL_T2	5	4	-1	0.24	0.25	0.01	0	0	0	0	0	0	0
2/20/2024 14:16	54502 ENOL_T2	5	4	-1	0.24	0.25	0.01	0	0	0	0	0	0	0
2/20/2024 14:16	60701 BREC_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
2/20/2024 14:17	54501 ENOL_T2	4	4	0	0.23	0.33	0.1	0	0	0	0	0	0	0
2/20/2024 14:17	50506 MECH_T1	9	11	2	0.49	0.41	-0.08	0	0	0	0	0	0	0
2/20/2024 14:17	45702 LIND_T2	7	28	21	0.49	0.24	-0.25	0	0	0	0	0	0	0
2/20/2024 14:18	24102 EHAZ_T1	4	5	1	1	0.76	-0.24	0	0	0	0	0	0	0
2/20/2024 14:18	13302 ORVI_T2	3	2	-1	0.73	0.75	0.02	0	0	0	0	0	0	0
2/20/2024 14:18	56504 ROCK_T2	4	5	1	0.38	0.3	-0.08	0	0	0	0	0	0	0
2/20/2024 14:19	13302 ORVI_T2	3	2	-1	0.73	0.75	0.02	0	0	0	0	0	0	0
2/20/2024 14:20	13302 ORVI_T2	3	2	-1	0.73	0.75	0.02	0	0	0	0	0	0	0
2/20/2024 14:20	67002 STHI_T2	94	148	54	0.23	0.2	-0.03	0	0	0	0	0	0	0
2/20/2024 14:20	54204 PENN_T2	2	2	0	0.2	0.15	-0.05	0	0	0	0	0	0	0
2/20/2024 14:20	59201 THOM_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
2/20/2024 14:20	67002 STHI_T2	94	148	54	0.23	0.2	-0.03	0	0	0	0	0	0	0
2/20/2024 14:21	56501 ROCK_T2	36	25	-11	0.29	0.35	0.06	0	0	0	0	0	0	0
2/20/2024 14:21	13701 SCHN_T2	1	0	-1	0.2	0	-0.2	0	0	0	0	0	0	0
2/20/2024 14:21	67002 STHI_T2	94	148	54	0.23	0.2	-0.03	0	0	0	0	0	0	0
2/20/2024 14:22	56501 ROCK_T2	36	25	-11	0.29	0.35	0.06	0	0	0	0	0	0	0
2/20/2024 14:22	44302 BEAV_T2	2	31	29	0.15	0.26	0.11	0	0	0	0	0	0	0
2/20/2024 14:22	54206 PENN_T2	57	43	-14	0.17	0.17	0	0	0	0	0	0	0	0
2/20/2024 14:22	56504 ROCK_T2	4	5	1	0.38	0.3	-0.08	0	0	0	0	0	0	0
2/20/2024 14:22	54503 ENOL_T2	0	2	2	0	0.1	0.1	0	0	0	0	0	0	0
2/20/2024 14:22	29402 BELT_T1	98	109	11	0.49	0.7	0.21	0	0	0	0	0	0	0
2/20/2024 14:22	60701 BREC_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
2/20/2024 14:23	67002 STHI_T2	94	148	54	0.23	0.2	-0.03	0	0	0	0	0	0	0
2/20/2024 14:23	67603 WARW_T1	1	0	-1	0.5	0	-0.5	0	0	0	0	0	0	0
2/20/2024 14:23	60801 BUCK_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
2/20/2024 14:23	29401 BELT_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
2/20/2024 14:23	44301 BEAV_T2	4	10	6	0.5	0.37	-0.13	0	0	0	0	0	0	0
2/20/2024 14:23	67002 STHI_T2	94	148	54	0.23	0.2	-0.03	0	0	0	0	0	0	0
2/20/2024 14:24	67603 WARW_T1	1	0	-1	0.5	0	-0.5	0	0	0	0	0	0	0
2/20/2024 14:24	67401 WAKE_T2	0	1	1	0	0.2	0.2	0	0	0	0	0	0	0
2/20/2024 14:24	29401 BELT_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
2/20/2024 14:24	44301 BEAV_T2	4	10	6	0.5	0.37	-0.13	0	0	0	0	0	0	0
2/20/2024 14:24	67001 STHI_T2	349	432	83	0.17	0.2	0.03	0	0	0	0	0	0	0
2/20/2024 14:24	29401 BELT_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
2/20/2024 14:24	43001 ALWD_T1	15	14	-1	0.35	0.24	-0.11	0	0	0	0	0	0	0
2/20/2024 14:25	44302 BEAV_T2	2	31	29	0.15	0.26	0.11	0	0	0	0	0	0	0
2/20/2024 14:25	60801 BUCK_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
2/20/2024 14:25	43001 ALWD_T1	15	14	-1	0.35	0.24	-0.11	0	0	0	0	0	0	0
2/20/2024 14:25	29402 BELT_T1	98	109	11	0.49	0.7	0.21	0	0	0	0	0	0	0
2/20/2024 14:25	29402 BELT_T1	98	109	11	0.49	0.7	0.21	0	0	0	0	0	0	0
2/20/2024 14:26	29402 BELT_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
2/20/2024 14:26	54504 ENOL_T2	2	3	1	0.35	0.17	-0.18	0	0	0	0	0	0	0
2/20/2024 14:26	62601 ENGL_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
2/20/2024 14:27	41601 CLEV_T1	1	1	0	0.7	0.7	0	0	0	0	0	0	0	0
2/20/2024 14:27	54503 ENOL_T2	0	2	2	0	0.1	0.1	0	0	0	0	0	0	0
2/20/2024 14:27	54504 ENOL_T2	2	3	1	0.35	0.17	-0.18	0	0	0	0	0	0	0
2/20/2024 14:27	62601 ENGL_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
2/20/2024 14:28	62601 ENGL_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
2/20/2024 14:28	24104 EHAZ_T1	102	89	-13	0.31	0.26	-0.05	0	0	0	0	0	0	0
2/20/2024 14:28	29402 BELT_T1	98	109	11	0.49	0.7	0.21	0	0	0	0	0	0	0
2/20/2024 14:28	54505 ENOL_T2	2	3	1	1	0.77	-0.23	0	0	0	0	0	0	0
2/20/2024 14:28	54502 ENOL_T2	5	4	-1	0.24	0.25	0.01	0	0	0	0	0	0	0
2/20/2024 14:28	45702 LIND_T2	7	28	21	0.49	0.24	-0.25	0	0	0	0	0	0	0
2/20/2024 14:29	56601 HAMP_T1	5	9	4	0.3	0.2	-0.1	0	0	0	0	0	0	0
2/20/2024 14:29	40101 HUNT_T2	3	14	11	1.07	0.4	-0.67	0	0	0	0	0	0	0
2/20/2024 14:29	54503 ENOL_T2	0	2	2	0	0.1	0.1	0	0	0	0	0	0	0
2/20/2024 14:29	67401 WAKE_T2	0	1	1	0	0.2	0.2	0	0	0	0	0	0	0
2/20/2024 14:30	54502 ENOL_T2	4	3	-1	0.23	0.27	0.04	0	0	0	0	0	0	0
2/20/2024 14:30	54505 ENOL_T2	3	3	0	0.77	0.7	-0.07	0	0	0	0	0	0	0
2/20/2024 14:30	62601 ENGL_T1	0	0	0	0	0	0	0	0	0

2/20/2024 14:38	29401 BELT_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/20/2024 14:38	55105 WERT_T1	1	1	0	0.5	0.3	-0.2	0	0	0	0	0	0	0	0
2/20/2024 14:38	56503 ROCK_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/20/2024 14:39	43301 WATS_T2	2	2	0	0.45	0.4	-0.05	0	0	0	0	0	0	0	0
2/20/2024 14:39	67605 WARW_T1	43	43	0	0.76	0.67	-0.09	0	0	0	0	0	0	0	0
2/20/2024 14:39	24104 EHAZ_T1	87	67	-20	0.27	0.21	-0.06	0	0	0	0	0	0	0	0
2/20/2024 14:39	61703 ELIZ_T1	1	3	2	0.2	0.3	0.1	0	0	0	0	0	0	0	0
2/20/2024 14:39	29401 BELT_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/20/2024 14:39	67402 WAKE_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/20/2024 14:39	43001 ALWD_T1	14	16	2	0.23	0.32	0.09	0	0	0	0	0	0	0	0
2/20/2024 14:40	51102 CARL_T1	61	93	32	0.22	0.23	0.01	0	0	0	0	0	0	0	0
2/20/2024 14:40	29401 BELT_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/20/2024 14:40	67401 WAKE_T2	0	1	1	0	0.2	0.2	0	0	0	0	0	0	0	0
2/20/2024 14:40	60201 ATGL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/20/2024 14:41	51107 CARL_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/20/2024 14:41	62607 ENGL_T1	4	2	-2	0.2	0.1	-0.1	0	0	0	0	0	0	0	0
2/20/2024 14:41	54506 ENOL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/20/2024 14:41	26402 INOR_T1	3	3	0	0.77	0.57	-0.2	0	0	0	0	0	0	0	0
2/20/2024 14:41	43001 ALWD_T1	14	16	2	0.23	0.32	0.09	0	0	0	0	0	0	0	0
2/20/2024 14:42	62604 ENGL_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/20/2024 14:42	29401 BELT_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/20/2024 14:42	28801 LAKE_T1	1	5	4	1	0.3	-0.7	0	0	0	0	0	0	0	0
2/20/2024 14:42	56601 HAMP_T1	3	14	11	0.27	0.18	-0.09	0	0	0	0	0	0	0	0
2/20/2024 14:42	54503 ENOL_T2	2	0	-2	0.1	0	-0.1	0	0	0	0	0	0	0	0
2/20/2024 14:42	15001 BLMO_T1	2	3	1	0.3	0.2	-0.1	0	0	0	0	0	0	0	0
2/20/2024 14:42	61701 ELIZ_T1	2	2	0	2.5	2.7	0.2	0	0	0	0	0	0	0	0
2/20/2024 14:43	64203 KINZ_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/20/2024 14:43	54504 ENOL_T2	2	1	-1	0.2	0.1	-0.1	0	0	0	0	0	0	0	0
2/20/2024 14:43	62602 ENGL_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/20/2024 14:43	54501 ENOL_T2	4	4	0	0.25	0.33	0.08	0	0	0	0	0	0	0	0
2/20/2024 14:44	56603 HAMP_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/20/2024 14:44	62607 ENGL_T1	4	2	-2	0.2	0.1	-0.1	0	0	0	0	0	0	0	0
2/20/2024 14:44	24103 EHAZ_T1	2	0	-2	0.15	0	-0.15	0	0	0	0	0	0	0	0
2/20/2024 14:44	61701 ELIZ_T1	2	2	0	2.5	2.7	0.2	0	0	0	0	0	0	0	0
2/20/2024 14:44	40101 HUNT_T2	7	12	5	0.59	0.33	-0.26	0	0	0	0	0	0	0	0
2/20/2024 14:45	67401 WAKE_T2	1	0	-1	0.2	0	-0.2	0	0	0	0	0	0	0	0
2/20/2024 14:45	54505 ENOL_T2	3	2	-1	0.7	1	0.3	0	0	0	0	0	0	0	0
2/20/2024 14:45	54501 ENOL_T2	4	4	0	0.33	0.15	-0.18	0	0	0	0	0	0	0	0
2/20/2024 14:45	66301 MCGO_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/20/2024 14:45	64801 MONE_T2	134	169	35	0.4	0.39	-0.01	0	0	0	0	0	0	0	0
2/20/2024 14:45	54505 ENOL_T2	3	2	-1	0.7	1	0.3	0	0	0	0	0	0	0	0
2/20/2024 14:46	54504 ENOL_T2	1	0	-1	0.1	0	-0.1	0	0	0	0	0	0	0	0
2/20/2024 14:46	28803 LAKE_T1	0	1	1	0	0.1	0.1	0	0	0	0	0	0	0	0
2/20/2024 14:46	54505 ENOL_T2	3	2	-1	0.7	1	0.3	0	0	0	0	0	0	0	0
2/20/2024 14:46	43001 ALWD_T1	12	17	5	0.22	0.35	0.13	0	0	0	0	0	0	0	0
2/20/2024 14:46	67201 TEHI_T1	5	11	6	0.58	0.35	-0.23	0	0	0	0	0	0	0	0
2/20/2024 14:47	13302 ORVI_T2	2	2	0	0.65	0.5	-0.15	0	0	0	0	0	0	0	0
2/20/2024 14:47	65502 MOJO_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/20/2024 14:47	42002 MNVL_T2	1	1	0	7.8	7.5	-0.3	0	0	0	0	0	0	0	0
2/20/2024 14:47	40101 HUNT_T2	11	12	1	0.32	0.38	0.06	0	0	0	0	0	0	0	0
2/20/2024 14:48	58402 MORO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/20/2024 14:48	64802 MONE_T2	82	128	46	0.2	0.29	0.09	0	0	0	0	0	0	0	0
2/20/2024 14:48	13502 MCMI_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/20/2024 14:48	65503 MOJO_T2	4	6	2	0.4	0.3	-0.1	0	0	0	0	0	0	0	0
2/20/2024 14:49	40602 PIGR_T1	2	2	0	0.3	0.25	-0.05	0	0	0	0	0	0	0	0
2/20/2024 14:49	42002 MNVL_T2	1	1	0	7.8	7.5	-0.3	0	0	0	0	0	0	0	0
2/20/2024 14:49	57404 SPAN_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/20/2024 14:50	67401 WAKE_T2	1	0	-1	0.2	0	-0.2	0	0	0	0	0	0	0	0
2/20/2024 14:50	58401 MORO_T1	1	0	-1	0.1	0	-0.1	0	0	0	0	0	0	0	0
2/20/2024 14:51	43802 SWIL_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/20/2024 14:51	41902 REED_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/20/2024 14:51	57403 SPAN_T1	87	64	-23	0.3	0.33	0.03	0	0	0	0	0	0	0	0
2/20/2024 14:52	41902 REED_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/20/2024 14:52	43802 SWIL_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/20/2024 14:53	56503 ROCK_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/20/2024 14:53	57401 SPAN_T1	4	4	0	0.33	0.63	0.3	0	0	0	0	0	0	0	0
2/20/2024 14:54	60803 BUCK_T1	2	2	0	0.25	0.35	0.1	0	0	0	0	0	0	0	0
2/20/2024 14:55	24102 EHAZ_T1	5	4	-1	0.92	0	-0.92	0	0	0	0	0	0	0	0
2/20/2024 14:56	46204 DANV_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/20/2024 14:56	67402 WAKE_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/20/2024 14:57	60803 BUCK_T1	2	2	0	0.25	0.35	0.1	0	0	0	0	0	0	0	0
2/20/2024 14:57	43001 ALWD_T1	12	17	5	0.22	0.35	0.13	0	0	0	0	0	0	0	0
2/20/2024 14:58	54504 ENOL_T2	1	0	-1	0.1	0	-0.1	0	0	0	0	0	0	0	0
2/20/2024 14:59	61802 EELI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/20/2024 14:59	45704 LIND_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/20/2024 14:59	52002 LING_T2	1	1	0	0.5	0.5	0	0	0	0	0	0	0	0	0
2/20/2024 14:59	40101 HUNT_T2	11	12	1	0.32	0.38	0.06	0	0	0	0	0	0	0	0
2/20/2024 15:00	24104 EHAZ_T1	26	0	-26	0.16	0	-0.16	0	0	0	0	0	0	0	0
2/20/2024 15:00	40903 JESH_T1	2	28	26	0.15	0.13	-0.02	0	0	0	0	0	0	0	0
2/20/2024 15:00	52004 LING_T2	1	2	1	1.1	0.5	-0.6	0	0	0	0	0	0	0	0
2/20/2024 15:00	42902 MIDD_T2	4	3	-1	0.3	0.23	-0.07	0	0	0	0	0	0	0	0
2/20/2024 15:01	13501 MCMI_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/20/2024 15:02	61303 EARL_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/20/2024 15:02	13502 MCMI_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/20/2024 15:02	65004 NEFF_T2	4	4	0	0.3	0.25	-0.05	0	0	0	0	0	0	0	0
2/20/2024 15:02	43001 ALWD_T1	16	21	5	0.31	0.38	0.07	0	0	0	0	0	0	0	0
2/20/2024 15:03	65801 RTWN_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/20/2024 15:04	65003 NEFF_T2	15	46	31	0.27	0.17	-0.1	0	0	0	0	0	0	0	0
2/20/2024 15:04	42901 MIDD_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/20/2024 15:04	13503 MCMI_T2	103	70	-33	0.26	0.25	-0.01	0	0	0	0	0	0	0	0
2/20/2024 15:06	40101 HUNT_T2	10	17	7	0.48	0.39	-0.09	0	0	0	0	0	0	0	0
2/20/2024 15:06	67401 WAKE_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/20/2024 15:07	43001 ALWD_T1	16	21	5	0.31	0.38	0.07	0	0	0	0	0	0	0	0
2/20/2024 15:07	65801 RTWN_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/20/2024 15:09	41602 CLEV_T1	0	1	1	0	0.4	0.4	0	0	0	0	0	0	0	0
2/20/2024 15:10	54506 ENOL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/20/2024 15:11	56601 HAMP_T1	13	10	-3	0.18	0.23	0.05	0	0	0	0	0	0	0	0
2/20/2024 15:11	67402 WAKE_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/20/2024 15:12	40902 JESH_T1	1	15	14	0.3	0.18	-0.12	0	0	0	0	0	0	0	0
2/20/2024 15:12	43001 ALWD_T1	16	21	5	0.31	0.38	0.07	0	0	0	0	0	0	0	0
2/20/2024 15:14	53903 HALI_T2	7	5	-2	0.91	1.04	0.13	0	0	0	0	0	0	0	0
2/20/2024 15:15	53902 HALI_T2	1	1	0	5.5	5.4	-0.1	0	0	0	0	0	0	0	0
2/20/2024 15:16	53902 HALI_T2	1	1	0	5.5	5.4	-0.1	0	0	0	0	0	0	0	0
2/20/2024 15:19	50502 MECH_T1	2	2	0	1.35	1.35	0	0	0	0	0	0	0	0	0
2/20/2024 15:20	54206 PENN_T2	56	7	-49	0.16	0.31	0.15	0	0	0	0	0	0	0	0
2/20/2024 15:20	50504 MECH_T1	37	17	-20	0.12	0.12	0	0	0	0	0	0	0	0	0
2/20/2024 15:21	54202 PENN_T2	68	24	-44	0.18	0.18	0	0	0	0	0	0	0	0	0
2/20/2024 15:22	67401 WAKE_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/20/2024 15:23	43001 ALWD_T1	16	21	5	0.34	0.37	0.03	0	0	0	0	0	0	0	0
2/20/2024 15:25	54202 PENN_T2	68	24	-44	0.18	0.18	0	0	0	0	0	0	0	0	0
2/20/2024 15:27	67401 WAKE_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/20/2024 15:27	26401 INOR_T1	0	2	2	0	0.15	0.15	0	0	0	0	0	0	0	0
2/20/2024 15:28	26402 INOR_T1	3	19	16	0.53	0.26	-0.27	0	0	0	0	0	0	0	0
2/20/2024 15:28	43001 ALWD_T1	16	21	5	0.34	0.37	0.03	0	0	0	0	0	0	0	0
2/20/2024 15:30	47101 MARL_T1	0	1	1	0	0	0	0	0	0	0	0	0	0	0
2/20/2024 15:33	47101 MARL_T1	0	1	1	0	0	0	0	0	0	0	0	0	0	0
2/20/2024 15:38	45501 DERR_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/20/2024 15:38	67402 WAKE_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/20/2024 15:40	45502 DERR_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/20/2024 15:40	46003 BERW_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/20/2024 15:40	20402 ASHF_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/20/2024 15:41	54502 ENOL_T2	1	1	0	0.3	0.2	-0.1	0	0	0	0	0	0	0	0
2/20/2024 15:41	54504 ENOL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/20/2024 15:42	54506 ENOL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/20/2024 15:43	67402 WAKE_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/20/2024 15:43	54503 ENOL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/20/2024 15:44	25503 MADI_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/20/2024 15:45	40101 HUNT_T2	0	8	8	0	0	0	0	0	0	0	0	0	0	0
2/20/2024 15:45	42002 MNVL_T2	1	1	0	7.1	7.2	0.1	0	0	0	0	0	0	0	0
2/20/2024 15:46	44703 MUNC_T2	4	4	0	0.63	0.75	0.12	0	0	0	0	0	0	0	0
2/20/2024 15:49	60504 NMAN_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/20/2024 15:49	26402 INOR_T1	19	12	-7	0.25	0.23	-0.02	0	0	0	0	0	0	0	0
2/20/2024 15:50	44703 MUNC_T2	4	4	0	0.63	0.75	0.12	0	0	0	0	0	0	0	0
2/20/2024 15:50	26402 INOR_T1	19	12	-7	0.25	0.23	-0.02	0	0	0	0	0	0	0	0
2/20/2024 15:51	56503 ROCK_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/20/2024 15:51	13302 ORVI_T2	13	19	6	0.18	0.18	0	0	0	0	0	0	0	0	0
2/20/2024 15:52	56504 ROCK_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/20/2024 15:52	56501 ROCK_T2	43	71	28	0.19	0.19	0	0	0	0	0	0	0	0	0
2/20/2024 15:53	67401 WAKE_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/20/2024 15:53	56503 ROCK_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/20/2024 15:59	67401 WAKE_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/20/2024 16:01	26401 INOR_T1	0	1	1	0	0.2	0.2	0	0	0	0	0	0	0	0
2/20/2024 16:02	25402 LAHA_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/20/2024 16:05	65002 NEFF_T2	0	1	1	0	0.1	0.1	0	0	0	0	0	0	0	0
2/20/2024 16:08	43302 WATS_T2	0	4	4	0	0.53	0.53	0	0	0	0	0	0	0	0
2/20/2024 16:08	67604 WARW_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/20/2024 16:10	43301 WATS_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/20/2024 16:25	29401 BELT_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/20/2024 16:25	67402 WAKE_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/20/2024 16:30	67401 WAKE_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/20/2024 16:34	54202 PENN_T2	3	0	-3	0.1	0	-0.1	0	0	0	0	0	0	0	0
2/20/2024 16:35	67402 WAKE_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/20/2024 16:35	42201 SHEN_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/20/2024 16:41	67402 WAKE_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/20/2024 16:49	48303 ORWI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/20/2024 16:51	67401 WAKE_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/20/2024 16:52	65004 NEFF_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/20/2024 16:54	40501 CRES_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/20/2024 16:55	40503 CRES_T2	0	1	1	0	0.1	0.1	0	0	0	0	0	0	0	0
2/20/2024 16:56	67401 WAKE_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/20/2024 17:07	67402 WAKE_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/20/2024 17:12	67401 WAKE_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/20/2024 17:21	13903 SEID_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/20/2024 18:37	65003 NEFF_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/20/2024 18:53	65005 NEFF_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/20/2024 19:00	59202 THOM_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/20/2024 19:04	20401 ASHF_T2	1	2	1	1	0.15	-0.85	0	0	0	0	0	0	0	0
2/20/2024 19:14	46202 DANV_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/20/2024 19:23	59101 WALK_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/20/2024 19:26	17804 GILB_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/20/2024 19:29	16101 BING_T2	149	160	11	1.32	1.32	0	0	0	0	0	0	0	0	0
2/20/2024 19:32	13904 SEID_T1	45	30	-15	0.55	0.68	0.13	0	0	0	0	0	0	0	0
2/20/2024 19:35	65002 NEFF_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/20/2024 19:37	47802 MOCA_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/20/2024 19:38	27502 WEIS_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/20/2024 19:38	62602 ENGL_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/20/2024 19:39	29401 BELT_T1	33	41	8	0.21	0.24	0.03	0	0	0	0	0	0	0	0
2/20/2024 19:39	28702 HAML_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/20/2024 19:40	41502 FAIR_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/20/2024 19:41	29402 BELT_T1	1	1	0	7.4	7	-0.4	0	0	0	0	0	0	0	0
2/20/2024 19:41	17002 RIRO_T2	0	2	2	0	0.1	0.1	0	0	0	0	0	0	0	0
2/20/2024 19:42	62606 ENGL_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/20/2024 19:42	16302 ALPA_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/20/2024 19:42	64204 KINZ_T1	1	1	0	0.7	0.8	0.1	0	0

2/20/2024 19:48	61703 ELIZ_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/20/2024 19:48	67001 STHI_T2	62	246	184	0.11	0.15	0.04	0	0	0	0	0	0	0	0
2/20/2024 19:48	46301 ROHR_T1	0	2	2	0	0	0	0	0	0	0	0	0	0	0
2/20/2024 19:48	44601 SALE_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/20/2024 19:48	57401 SPAN_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/20/2024 19:48	16302 ALPA_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/20/2024 19:49	53901 HALI_T2	0	1	1	0	0.1	0.1	0	0	0	0	0	0	0	0
2/20/2024 19:49	17801 GILB_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/20/2024 19:49	67605 WARW_T1	0	1	1	0	0.2	0.2	0	0	0	0	0	0	0	0
2/20/2024 19:49	52004 LING_T2	1	1	0	1.1	0.9	-0.2	0	0	0	0	0	0	0	0
2/20/2024 19:49	46201 DANV_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/20/2024 19:49	48303 ORWI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/20/2024 19:49	54502 ENOL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/20/2024 19:49	67002 STHI_T2	19	43	24	0.15	0.17	0.02	0	0	0	0	0	0	0	0
2/20/2024 19:49	57401 SPAN_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/20/2024 19:50	67002 STHI_T2	19	43	24	0.15	0.17	0.02	0	0	0	0	0	0	0	0
2/20/2024 19:50	57301 MOAL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/20/2024 19:50	60803 BUCK_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/20/2024 19:50	10705 CATA_T2	0	1	1	0	0	0	0	0	0	0	0	0	0	0
2/20/2024 19:50	67001 STHI_T2	62	246	184	0.11	0.15	0.04	0	0	0	0	0	0	0	0
2/20/2024 19:50	17802 GILB_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/20/2024 19:50	46205 DANV_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/20/2024 19:50	54506 ENOL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/20/2024 19:50	65004 NEFF_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/20/2024 19:50	54501 ENOL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/20/2024 19:50	64802 MONE_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/20/2024 19:50	49804 UNIV_T1	1	0	-1	0.2	0	-0.2	0	0	0	0	0	0	0	0
2/20/2024 19:50	29402 BELT_T1	1	1	0	7	7	0	0	0	0	0	0	0	0	0
2/20/2024 19:50	56603 HAMP_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/20/2024 19:50	43801 SWIL_T1	2	2	0	3.1	3.1	0	0	0	0	0	0	0	0	0
2/20/2024 19:50	53501 EVIL_T2	0	1	1	0	0.1	0.1	0	0	0	0	0	0	0	0
2/20/2024 19:50	10805 CHHI_T2	7	10	3	2.53	2.37	-0.16	0	0	0	0	0	0	0	0
2/20/2024 19:50	15001 BLMO_T1	1	1	0	0.2	0	-0.2	0	0	0	0	0	0	0	0
2/20/2024 19:51	25503 MADI_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/20/2024 19:51	62601 ENGL_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/20/2024 19:51	55001 NEWP_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/20/2024 19:51	67001 STHI_T2	62	246	184	0.11	0.15	0.04	0	0	0	0	0	0	0	0
2/20/2024 19:51	54503 ENOL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/20/2024 19:51	28805 LAKE_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/20/2024 19:51	59202 THOM_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/20/2024 19:51	48303 ORWI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/20/2024 19:51	67002 STHI_T2	19	43	24	0.15	0.17	0.02	0	0	0	0	0	0	0	0
2/20/2024 19:51	61304 EARL_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/20/2024 19:51	28601 BLYT_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/20/2024 19:51	20401 ASHF_T2	0	3	3	0	0.15	0.15	0	0	0	0	0	0	0	0
2/20/2024 19:51	64703 LITI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/20/2024 19:51	15001 BLMO_T1	1	1	0	0.2	0	-0.2	0	0	0	0	0	0	0	0
2/20/2024 19:51	45502 DERR_T2	1	1	0	0.4	0	-0.4	0	0	0	0	0	0	0	0
2/20/2024 19:51	17805 GILB_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/20/2024 19:51	17801 GILB_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/20/2024 19:51	56802 BENV_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/20/2024 19:51	16302 ALPA_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/20/2024 19:51	59101 WALK_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/20/2024 19:52	61102 BERK_T5	0	1	1	0	0.2	0.2	0	0	0	0	0	0	0	0
2/20/2024 19:52	57401 SPAN_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/20/2024 19:52	41801 GOCI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/20/2024 19:52	64801 MONE_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/20/2024 19:52	40101 HUNT_T2	347	388	41	0.85	0.9	0.05	0	0	0	0	0	0	0	0
2/20/2024 19:52	53502 EVIL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/20/2024 19:52	65502 MOID_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/20/2024 19:52	40601 PIGR_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/20/2024 19:52	47101 MARL_T1	3	3	0	0.13	0.2	0.07	0	0	0	0	0	0	0	0
2/20/2024 19:52	13502 MCMI_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/20/2024 19:52	54204 PENN_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/20/2024 19:52	61701 ELIZ_T1	1	1	0	3.5	3.7	0.2	0	0	0	0	0	0	0	0
2/20/2024 19:52	43304 WATS_T2	0	1	1	0	0.1	0.1	0	0	0	0	0	0	0	0
2/20/2024 19:52	56501 ROCK_T2	2	2	0	0.65	0.4	-0.25	0	0	0	0	0	0	0	0
2/20/2024 19:52	41602 CLEV_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/20/2024 19:52	42002 MNVL_T2	1	1	0	6.1	5.8	-0.3	0	0	0	0	0	0	0	0
2/20/2024 19:53	54502 ENOL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/20/2024 19:53	67502 WEWI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/20/2024 19:53	62605 ENGL_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/20/2024 19:53	56503 ROCK_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/20/2024 19:53	53901 HALI_T2	0	1	1	0	0.1	0.1	0	0	0	0	0	0	0	0
2/20/2024 19:53	64305 LINC_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/20/2024 19:53	43303 WATS_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/20/2024 19:53	44601 SALE_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/20/2024 19:53	57403 SPAN_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/20/2024 19:53	57404 SPAN_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/20/2024 19:53	49803 UNIV_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/20/2024 19:53	53901 HALI_T2	0	1	1	0	0.1	0.1	0	0	0	0	0	0	0	0
2/20/2024 19:53	56802 BENV_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/20/2024 19:53	40502 CRES_T2	0	13	13	0	0.29	0.29	0	0	0	0	0	0	0	0
2/20/2024 19:53	65503 MOID_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/20/2024 19:53	13503 MCMI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/20/2024 19:53	59202 THOM_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/20/2024 19:54	54501 ENOL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/20/2024 19:54	53903 HALI_T2	2	2	0	1	1.1	0.1	0	0	0	0	0	0	0	0
2/20/2024 19:54	56501 ROCK_T2	2	2	0	0.65	0.4	-0.25	0	0	0	0	0	0	0	0
2/20/2024 19:54	40602 PIGR_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/20/2024 19:54	67604 WARW_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/20/2024 19:54	29401 BELT_T1	37	56	19	0.25	0.25	0	0	0	0	0	0	0	0	0
2/20/2024 19:54	67401 WAKE_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/20/2024 19:54	42001 MNVL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/20/2024 19:54	54503 ENOL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/20/2024 19:54	46002 BERW_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/20/2024 19:54	47402 PENS_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/20/2024 19:54	61703 ELIZ_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/20/2024 19:54	40602 PIGR_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/20/2024 19:54	43304 WATS_T2	0	1	1	0	0.1	0.1	0	0	0	0	0	0	0	0
2/20/2024 19:54	57403 SPAN_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/20/2024 19:54	44302 BEAV_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/20/2024 19:54	56503 ROCK_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/20/2024 19:54	59201 THOM_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/20/2024 19:54	44302 BEAV_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/20/2024 19:54	52004 LING_T2	1	1	0	1.1	0.9	-0.2	0	0	0	0	0	0	0	0
2/20/2024 19:54	60801 BUCK_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/20/2024 19:54	40101 HUNT_T2	347	388	41	0.85	0.9	0.05	0	0	0	0	0	0	0	0
2/20/2024 19:55	54504 ENOL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/20/2024 19:55	46203 DANV_T2	4	18	14	0.18	0.26	0.08	0	0	0	0	0	0	0	0
2/20/2024 19:55	54503 ENOL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/20/2024 19:55	43402 BENT_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/20/2024 19:55	43103 SMIL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/20/2024 19:55	46206 DANV_T2	0	1	1	0	0.2	0.2	0	0	0	0	0	0	0	0
2/20/2024 19:55	43202 MVIL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/20/2024 19:55	45602 WOOL_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/20/2024 19:55	10706 CATA_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/20/2024 19:55	58402 MORO_T1	0	2	2	0	0	0	0	0	0	0	0	0	0	0
2/20/2024 19:55	67001 STHI_T2	62	246	184	0.11	0.15	0.04	0	0	0	0	0	0	0	0
2/20/2024 19:55	47101 MARL_T1	3	3	0	0.13	0.2	0.07	0	0	0	0	0	0	0	0
2/20/2024 19:55	55001 NEWP_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/20/2024 19:55	65801 RTWN_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/20/2024 19:55	45502 DERR_T2	1	1	0	0.4	0	-0.4	0	0	0	0	0	0	0	0
2/20/2024 19:56	43301 WATS_T2	0	1	1	0	0	0	0	0	0	0	0	0	0	0
2/20/2024 19:56	46201 DANV_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/20/2024 19:56	44701 MUNC_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/20/2024 19:56	51103 CARL_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/20/2024 19:56	56503 ROCK_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/20/2024 19:56	41902 REED_T1	36	25	-11	0.64	0.46	-0.18	0	0	0	0	0	0	0	0
2/20/2024 19:56	67503 WEWI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/20/2024 19:56	60504 NMAN_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/20/2024 19:56	60701 BREC_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/20/2024 19:56	20403 ASHF_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/20/2024 19:56	54505 ENOL_T2	0	1	1	0	0.2	0.2	0	0	0	0	0	0	0	0
2/20/2024 19:56	40901 JESH_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/20/2024 19:56	42301 SHEN_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/20/2024 19:56	67201 TEHI_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/20/2024 19:56	55001 NEWP_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/20/2024 19:56	54502 ENOL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/20/2024 19:56	56802 BENV_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/20/2024 19:56	45501 DERR_T2	1	0	-1	0.4	0	-0.4	0	0	0	0	0	0	0	0
2/20/2024 19:56	43402 BENT_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/20/2024 19:56	10801 CHHI_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/20/2024 19:57	45501 DERR_T2	1	0	-1	0.4	0	-0.4	0	0	0	0	0	0	0	0
2/20/2024 19:57	43301 WATS_T2	0	1	1	0	0	0	0	0	0	0	0	0	0	0
2/20/2024 19:57	62605 ENGL_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/20/2024 19:57	54501 ENOL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/20/2024 19:57	56501 ROCK_T2	2	2	0	0.65	0.4	-0.25	0	0	0	0	0	0	0	0
2/20/2024 19:57	67202 TEHI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/20/2024 19:57	56504 ROCK_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/20/2024 19:57	54202 PENN_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/20/2024 19:57	67002 STHI_T2	19	43	24	0.15	0.17	0.02	0	0	0	0	0	0	0	0
2/20/2024 19:57	65801 RTWN_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/20/2024 19:57	42901 MIDD_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/20/2024 19:57	60701 BREC_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/20/2024 19:57	50502 MECH_T1	1	1	0	1.5	2	0.5	0	0	0	0	0	0	0	0
2/20/2024 19:57	46004 BERW_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/20/2024 19:57	13704 SCHN_T2	1	1	0	0.6	0	-0.6	0	0	0	0	0	0	0	0
2/20/2024 19:57	23901 EFMO_T2	1	1	0	0.6	0.2	-0.4	0	0	0	0	0	0	0	0
2/20/2024 19:57	42204 SHEN_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/20/2024 19:57	48901 FOSP_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/20/2024 19:57	67002 STHI_T2	19	43	24	0.15	0.17	0.02	0	0	0	0	0	0	0	0
2/20/2024 19:57	41801 GOCI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/20/2024 19:57	43802 SWIL_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/20/2024 19:57	43001 ALWD_T1	0	6	6	0	0.18	0.18	0	0	0	0	0	0	0	0
2/20/2024 19:57	56802 BENV_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/20/2024 19:57	46701 RENO_T1	5	203	198	1.74	0.47	-1.27	0	0	0	0	0	0	0	0
2/20/2024 19:58	50502 MECH_T1	1	1	0	1.5	2	0.5	0	0	0	0	0	0	0	0
2/20/2024 19:58	53901 HALI_T2	0	1	1	0	0.1	0.1	0	0	0	0	0	0	0	0
2/20/2024 19:58	54204 PENN_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/20/2024 19:58	54505 ENOL_T2	0	1	1	0	0.2	0.2	0	0	0	0	0	0	0	0
2/20/2024 19:58	54506 ENOL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/20/2024 19:58	61803 EELI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/20/2024 19:58	42901 MIDD_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/20/2024 19:58	45702 LIND_T2	1	1	0	0.9	1	0.1	0	0	0	0	0	0	0	0
2/20/2024 19:58	54505 ENOL_T2	0	1	1	0	0.2	0.2	0	0	0	0	0	0	0	0
2/20/2024 19:58	64801 MONE_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/20/2024 19:58	40603 PIGR_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/20/2024 19:58	61701 ELIZ_T1	1	1	0	3.5	3.7	0.2	0	0	0	0	0	0	0	0
2/20/2024 19:58	47402 PENS_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/20/2024 19:58	47802 MOCA_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/20/2024 19:58	41602 CLEV_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/20/2024 19:58	54506 ENOL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/20/2024 19:59	46801 HEPB_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/20/2024 19:59	65801 RTWN_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/20/2024 19:59	54506 ENOL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/20/2024 19:59	43304 WATS_T2	0	1	1	0	0.1	0.1	0	0	0

Appendix C - Grid Benefits Achieved in Each Instance of Active Management

2/20/2024 20:02	54503 ENOL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/20/2024 20:02	40101 HUNT_T2	387	333	-54	1.03	0.72	-0.31	0	0	0	0	0	0	0	0
2/20/2024 20:02	40901 JESH_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/20/2024 20:02	56503 ROCK_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/20/2024 20:02	15001 BLMO_T1	1	0	-1	0.8	0	-0.8	0	0	0	0	0	0	0	0
2/20/2024 20:02	45402 WILO_T2	0	1	1	0	0	0	0	0	0	0	0	0	0	0
2/20/2024 20:02	43801 SWIL_T1	2	2	0	3.25	3.15	-0.1	0	0	0	0	0	0	0	0
2/20/2024 20:03	50503 MECH_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/20/2024 20:03	59102 WALK_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/20/2024 20:03	46301 ROHR_T1	0	3	3	0	0	0	0	0	0	0	0	0	0	0
2/20/2024 20:03	56802 BENV_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/20/2024 20:03	54202 PENN_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/20/2024 20:03	44302 BEAV_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/20/2024 20:03	40101 HUNT_T2	387	333	-54	1.03	0.72	-0.31	0	0	0	0	0	0	0	0
2/20/2024 20:03	56503 ROCK_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/20/2024 20:03	58402 MORO_T1	1	1	0	1.6	0	-1.6	0	0	0	0	0	0	0	0
2/20/2024 20:04	56603 HAMP_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/20/2024 20:05	54204 PENN_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/20/2024 20:05	40101 HUNT_T2	387	333	-54	1.03	0.72	-0.31	0	0	0	0	0	0	0	0
2/20/2024 20:06	41901 REED_T1	8	9	1	0.39	0.53	0.14	0	0	0	0	0	0	0	0
2/20/2024 20:06	43301 WATS_T2	0	1	1	0	1.2	1.2	0	0	0	0	0	0	0	0
2/20/2024 20:06	53502 EVIL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/20/2024 20:11	56501 ROCK_T2	2	2	0	0.6	0.3	-0.3	0	0	0	0	0	0	0	0
2/20/2024 20:12	65005 NEFF_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/20/2024 20:17	56601 HAMP_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/20/2024 20:24	54503 ENOL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/20/2024 20:34	56504 ROCK_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/20/2024 20:57	57401 SPAN_T1	0	1	1	0	0.1	0.1	0	0	0	0	0	0	0	0
2/20/2024 21:04	65005 NEFF_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/20/2024 21:13	29402 BELT_T1	2	1	-1	4.1	7.3	3.2	0	0	0	0	0	0	0	0
2/20/2024 22:28	65003 NEFF_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/20/2024 23:43	53901 HALI_T2	1	1	0	0.1	0.4	0.3	0	0	0	0	0	0	0	0
2/21/2024 0:24	65005 NEFF_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/21/2024 1:11	65005 NEFF_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/21/2024 1:58	65003 NEFF_T2	0	16	16	0	0.14	0.14	0	0	0	0	0	0	0	0
2/21/2024 3:38	65003 NEFF_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/21/2024 4:10	65001 NEFF_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/21/2024 5:02	65001 NEFF_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/21/2024 5:39	65001 NEFF_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/21/2024 6:31	65001 NEFF_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/21/2024 7:29	65001 NEFF_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/21/2024 7:51	65004 NEFF_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/21/2024 8:04	61402 SLIT_T1	1	1	0	1.9	1.5	-0.4	0	0	0	0	0	0	0	0
2/21/2024 8:15	13502 MCMI_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/21/2024 8:18	13501 MCMI_T1	2	1	-1	0.5	0	-0.5	0	0	0	0	0	0	0	0
2/21/2024 8:21	61402 SLIT_T1	1	1	0	1.8	1.5	-0.3	0	0	0	0	0	0	0	0
2/21/2024 8:22	61401 SLIT_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/21/2024 8:31	13502 MCMI_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/21/2024 8:33	13502 MCMI_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/21/2024 8:53	61402 SLIT_T1	1	1	0	1.8	1.6	-0.2	0	0	0	0	0	0	0	0
2/21/2024 8:54	65002 NEFF_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/21/2024 8:58	64703 LITI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/21/2024 8:59	64702 LITI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/21/2024 9:00	17804 GILB_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/21/2024 9:00	62605 ENGL_T1	0	1	1	0	0.2	0.2	0	0	0	0	0	0	0	0
2/21/2024 9:00	65001 NEFF_T2	0	1	1	0	0.1	0.1	0	0	0	0	0	0	0	0
2/21/2024 9:00	66302 MCGO_T2	1	1	0	1.2	0.2	-1	0	0	0	0	0	0	0	0
2/21/2024 9:00	60801 BUCK_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/21/2024 9:00	60701 BREC_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/21/2024 9:06	60701 BREC_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/21/2024 9:08	60701 BREC_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/21/2024 9:08	67402 WAKE_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/21/2024 9:14	13503 MCMI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/21/2024 9:15	13502 MCMI_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/21/2024 9:18	13502 MCMI_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/21/2024 9:42	64201 KINZ_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/21/2024 9:43	64204 KINZ_T1	1	1	0	0.7	0.4	-0.3	0	0	0	0	0	0	0	0
2/21/2024 9:47	64204 KINZ_T1	1	1	0	0.3	1	0.7	0	0	0	0	0	0	0	0
2/21/2024 9:50	67603 WARW_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/21/2024 9:53	67503 WEWI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/21/2024 9:55	67604 WARW_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/21/2024 9:59	62601 ENGL_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/21/2024 10:05	67001 STHI_T2	255	370	115	0.17	0.18	0.01	0	0	0	0	0	0	0	0
2/21/2024 10:05	67201 TEHI_T1	1	3	2	0.1	0.47	0.37	0	0	0	0	0	0	0	0
2/21/2024 10:06	67502 WEWI_T2	1	2	1	1.1	0.6	-0.5	0	0	0	0	0	0	0	0
2/21/2024 10:06	67001 STHI_T2	255	370	115	0.17	0.18	0.01	0	0	0	0	0	0	0	0
2/21/2024 10:06	67201 TEHI_T1	1	3	2	0.1	0.47	0.37	0	0	0	0	0	0	0	0
2/21/2024 10:07	67002 STHI_T2	108	191	83	0.24	0.22	-0.02	0	0	0	0	0	0	0	0
2/21/2024 10:07	67002 STHI_T2	108	191	83	0.24	0.22	-0.02	0	0	0	0	0	0	0	0
2/21/2024 10:08	67002 STHI_T2	108	191	83	0.24	0.22	-0.02	0	0	0	0	0	0	0	0
2/21/2024 10:09	67002 STHI_T2	108	191	83	0.24	0.22	-0.02	0	0	0	0	0	0	0	0
2/21/2024 10:10	67002 STHI_T2	108	191	83	0.24	0.22	-0.02	0	0	0	0	0	0	0	0
2/21/2024 10:13	64702 LITI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/21/2024 10:17	65001 NEFF_T2	0	1	1	0	0.1	0.1	0	0	0	0	0	0	0	0
2/21/2024 10:18	64802 MONE_T2	3	39	36	0.4	0.33	-0.07	0	0	0	0	0	0	0	0
2/21/2024 10:18	65004 NEFF_T2	0	1	1	0	0.5	0.5	0	0	0	0	0	0	0	0
2/21/2024 10:19	41802 GOCI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/21/2024 10:19	41903 REED_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/21/2024 10:19	40101 HUNT_T2	107	145	38	0.59	0.43	-0.16	0	0	0	0	0	0	0	0
2/21/2024 10:19	20402 ASHF_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/21/2024 10:19	48302 ORWI_T2	2	7	5	1.4	1	-0.4	0	0	0	0	0	0	0	0
2/21/2024 10:19	29401 BELT_T1	13	5	-8	0.13	0.16	0.03	0	0	0	0	0	0	0	0
2/21/2024 10:19	29401 BELT_T1	13	5	-8	0.13	0.16	0.03	0	0	0	0	0	0	0	0
2/21/2024 10:19	25402 LAHA_T2	3	4	1	0.43	0.57	0.14	0	0	0	0	0	0	0	0
2/21/2024 10:20	65902 SAKR_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/21/2024 10:20	67001 STHI_T2	318	427	109	0.18	0.19	0.01	0	0	0	0	0	0	0	0
2/21/2024 10:21	67002 STHI_T2	136	198	62	0.23	0.21	-0.02	0	0	0	0	0	0	0	0
2/21/2024 10:22	64702 LITI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/21/2024 10:23	67002 STHI_T2	136	198	62	0.23	0.21	-0.02	0	0	0	0	0	0	0	0
2/21/2024 10:23	20401 ASHF_T2	2	4	2	0.15	0.2	0.05	0	0	0	0	0	0	0	0
2/21/2024 10:24	27503 WEIS_T2	0	1	1	0	0.6	0.6	0	0	0	0	0	0	0	0
2/21/2024 10:25	20403 ASHF_T2	1	13	12	0.1	0.28	0.18	0	0	0	0	0	0	0	0
2/21/2024 10:25	29402 BELT_T1	2	2	0	4.25	4.15	-0.1	0	0	0	0	0	0	0	0
2/21/2024 10:26	24105 EHAZ_T1	4	4	0	5.3	5.23	-0.07	0	0	0	0	0	0	0	0
2/21/2024 10:26	29402 BELT_T1	2	2	0	4.25	4.15	-0.1	0	0	0	0	0	0	0	0
2/21/2024 10:26	17801 GILB_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/21/2024 10:28	17805 GILB_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/21/2024 10:29	17805 GILB_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/21/2024 10:31	56501 ROCK_T2	7	8	1	0.43	0.39	-0.04	0	0	0	0	0	0	0	0
2/21/2024 10:31	52004 LING_T2	1	1	0	0.2	0.1	-0.1	0	0	0	0	0	0	0	0
2/21/2024 10:31	54506 ENOL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/21/2024 10:31	54506 ENOL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/21/2024 10:31	58703 ROSE_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/21/2024 10:31	53102 WTWN_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/21/2024 10:31	56501 ROCK_T2	7	8	1	0.43	0.39	-0.04	0	0	0	0	0	0	0	0
2/21/2024 10:31	57303 MOAL_T2	1	1	0	7.5	6.9	-0.6	0	0	0	0	0	0	0	0
2/21/2024 10:31	59001 MIFF_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/21/2024 10:31	56503 ROCK_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/21/2024 10:31	24104 EHAZ_T1	85	76	-9	0.29	0.29	0	0	0	0	0	0	0	0	0
2/21/2024 10:31	54503 ENOL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/21/2024 10:31	55002 NEWP_T1	11	14	3	0.83	0.79	-0.04	0	0	0	0	0	0	0	0
2/21/2024 10:31	57403 SPAN_T1	7	16	9	0.3	0.28	-0.02	0	0	0	0	0	0	0	0
2/21/2024 10:31	55102 WERT_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/21/2024 10:31	59102 WALK_T2	5	5	0	0.4	0.44	0.04	0	0	0	0	0	0	0	0
2/21/2024 10:31	56802 BENV_T2	1	133	132	0.8	0.27	-0.53	0	0	0	0	0	0	0	0
2/21/2024 10:32	54206 PENN_T2	0	2	2	0	0.25	0.25	0	0	0	0	0	0	0	0
2/21/2024 10:33	67001 STHI_T2	307	547	240	0.17	0.24	0.07	0	0	0	0	0	0	0	0
2/21/2024 10:34	65003 NEFF_T2	1	3	2	0.1	0.37	0.27	0	0	0	0	0	0	0	0
2/21/2024 10:34	64101 REFR_T1	4	1	-3	0.13	0.6	0.47	0	0	0	0	0	0	0	0
2/21/2024 10:35	67002 STHI_T2	170	292	122	0.22	0.23	0.01	0	0	0	0	0	0	0	0
2/21/2024 10:35	40603 PIGR_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/21/2024 10:36	40601 PIGR_T1	3	6	3	0.47	0.28	-0.19	0	0	0	0	0	0	0	0
2/21/2024 10:37	56501 ROCK_T2	7	8	1	0.43	0.39	-0.04	0	0	0	0	0	0	0	0
2/21/2024 10:37	58001 WCAR_T1	5	5	0	0.84	1.08	0.24	0	0	0	0	0	0	0	0
2/21/2024 10:38	59102 WALK_T2	5	5	0	0.4	0.44	0.04	0	0	0	0	0	0	0	0
2/21/2024 10:38	28602 BLYT_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/21/2024 10:42	56504 ROCK_T2	0	1	1	0	0.2	0.2	0	0	0	0	0	0	0	0
2/21/2024 10:42	24102 EHAZ_T1	1	1	0	0.1	0.5	0.4	0	0	0	0	0	0	0	0
2/21/2024 10:43	28702 HAML_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/21/2024 10:44	52006 LING_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/21/2024 10:47	24101 EHAZ_T1	47	43	-4	1.28	0.82	-0.46	0	0	0	0	0	0	0	0
2/21/2024 10:49	66505 SMAN_T2	1	3	2	0.2	0.5	0.3	0	0	0	0	0	0	0	0
2/21/2024 10:52	29401 BELT_T1	5	36	31	0.16	0.19	0.03	0	0	0	0	0	0	0	0
2/21/2024 10:52	60803 BUCK_T1	3	4	1	0.27	0.45	0.18	0	0	0	0	0	0	0	0
2/21/2024 10:53	29402 BELT_T1	2	2	0	4.15	4.55	0.4	0	0	0	0	0	0	0	0
2/21/2024 10:53	67401 WAKE_T2	1	0	-1	0.2	0	-0.2	0	0	0	0	0	0	0	0
2/21/2024 10:54	29402 BELT_T1	2	2	0	4.15	4.55	0.4	0	0	0	0	0	0	0	0
2/21/2024 10:54	60803 BUCK_T1	3	4	1	0.27	0.45	0.18	0	0	0	0	0	0	0	0
2/21/2024 10:55	60803 BUCK_T1	3	4	1	0.27	0.45	0.18	0	0	0	0	0	0	0	0
2/21/2024 10:55	61103 BERK_T5	9	17	8	0.26	0.33	0.07	0	0	0	0	0	0	0	0
2/21/2024 10:55	23901 EFMO_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/21/2024 10:55	65001 NEFF_T2	1	1	0	0.1	0.3	0.2	0	0	0	0	0	0	0	0
2/21/2024 10:55	20403 ASHF_T2	13	11	-2	0.28	0.31	0.03	0	0	0	0	0	0	0	0
2/21/2024 10:55	67402 WAKE_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/21/2024 10:56	14404 SSLA_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/21/2024 10:56	13902 SEID_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/21/2024 10:56	16302 ALPA_T2	1	1	0	0.1	0.2	0.1	0	0	0	0	0	0	0	0
2/21/2024 10:56	15001 BLMO_T1	0	2	2	0	0.65	0.65	0	0	0	0	0	0	0	0
2/21/2024 10:56	13701 SCHN_T2	0	1	1	0	0.1	0.1	0	0	0	0	0	0	0	0
2/21/2024 10:56	13302 ORVI_T2	2	3	1	0.55	0.37	-0.18	0	0	0	0	0	0	0	0
2/21/2024 10:56	29401 BELT_T1	5	36	31	0.16	0.19	0.03	0	0	0	0	0	0	0	0
2/21/2024 10:56	10801 CHHI_T1	0	2	2	0	0.3	0.3	0	0	0	0	0	0	0	0
2/21/2024 10:56	10805 CHHI_T2	14	15	1	2.57	2.06	-0.51	0	0	0	0	0	0	0	0
2/21/2024 10:57	53901 HALI_T2	1	1	0	0.5	0.9	0.4	0	0	0	0	0	0	0	0
2/21/2024 10:58	43201 MVIL_T2	0	1	1	0	0.4	0.4	0	0	0	0	0	0	0	0
2/21/2024 10:58	46801 HEPB_T2	2	2	0	0.75	0.7	-0.05	0	0	0	0	0	0	0	0
2/21/2024 10:58	44301 BEAV_T2	1	3	2	0.4	0.25	-0.15	0	0	0	0	0	0	0	0
2/21/2024 10:58	49804 UNIV_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/21/2024 10:58	24105 EHAZ_T1	4	4	0	5.3	5.33	0.03	0	0	0	0	0	0	0	0
2/21/2024 10:58	67402 WAKE_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/21/2024 10:58	43402 BENT_T1	0	6	6	0	0.58	0.58	0	0	0	0	0	0	0	0
2/21/2024 10:58	43001 ALWD_T1	1	5	4	0.5	0.46	-0.04	0	0	0	0	0	0	0	0
2/21/2024 10:58	43301 WATS_T2	1	1	0	0.1	0.2	0.1	0	0	0	0	0	0	0	0
2/21/2024 10:58	45502 DERR_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/21/2024 10:58	46702 RENO_T1	87	98	11	0.21	0.24	0.03	0	0	0	0	0	0	0	0
2/21/2024 10:58	43303 WATS_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/21/2024 10:58	45703 LIND_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/21/2024 10:58	46203 DANV_T2	0	2	2	0	0.25	0.25	0	0	0	0	0	0	0	0
2/21/2024 10:58	43301 WATS_T2	1	1	0	0.1	0.2	0.1	0	0	0	0	0	0	0	0
2/21/2024 10:58	45402 WILO_T2	2	11	9	0.2	0.24	0.04	0	0	0	0	0	0	0	0
2/21/2024 10:59	61505 EPET_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/21/2024 11:00	42901 MIDD_T2	1	0	-1	0.1	0	-0.1	0	0	0	0	0	0	0	0
2/21/2024 11:00	65502 MOJO_T2	0	30	30	0	0.11	0.11	0	0	0	0	0	0	0	0
2/21/2024 11:01	65503 MOJO_T2	2	11	9	0.

Appendix C - Grid Benefits Achieved in Each Instance of Active Management

2/21/2024 11:11	42401 GIMA_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/21/2024 11:11	61102 BERK_T5	2	3	1	0.25	0.17	-0.08	0	0	0	0	0	0	0	0
2/21/2024 11:11	54501 ENOL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/21/2024 11:11	67503 WEWI_T2	1	1	0	0.2	0.1	-0.1	0	0	0	0	0	0	0	0
2/21/2024 11:12	60701 BREC_T1	1	0	-1	0.6	0	-0.6	0	0	0	0	0	0	0	0
2/21/2024 11:12	54503 ENOL_T2	0	1	1	0	0.1	0.1	0	0	0	0	0	0	0	0
2/21/2024 11:12	54505 ENOL_T2	1	2	1	0.8	0.95	0.15	0	0	0	0	0	0	0	0
2/21/2024 11:12	41802 GOCI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/21/2024 11:12	49803 UNIV_T1	1	3	2	0.4	0.33	-0.07	0	0	0	0	0	0	0	0
2/21/2024 11:12	54504 ENOL_T2	1	1	0	0.3	0.8	0.5	0	0	0	0	0	0	0	0
2/21/2024 11:12	54502 ENOL_T2	0	2	2	0	0.2	0.2	0	0	0	0	0	0	0	0
2/21/2024 11:12	17803 GILB_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/21/2024 11:13	24102 EHAZ_T1	1	2	1	0.8	0	-0.8	0	0	0	0	0	0	0	0
2/21/2024 11:13	54502 ENOL_T2	0	2	2	0	0.2	0.2	0	0	0	0	0	0	0	0
2/21/2024 11:13	43001 ALWD_T1	2	5	3	0.4	0.48	0.08	0	0	0	0	0	0	0	0
2/21/2024 11:13	40101 HUNT_T2	37	8	-29	0.41	0.3	-0.11	0	0	0	0	0	0	0	0
2/21/2024 11:14	54506 ENOL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/21/2024 11:14	49803 UNIV_T1	1	3	2	0.4	0.33	-0.07	0	0	0	0	0	0	0	0
2/21/2024 11:14	17801 GILB_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/21/2024 11:14	40101 HUNT_T2	37	8	-29	0.41	0.3	-0.11	0	0	0	0	0	0	0	0
2/21/2024 11:15	17802 GILB_T1	3	4	1	0.8	0.7	-0.1	0	0	0	0	0	0	0	0
2/21/2024 11:15	54506 ENOL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/21/2024 11:15	52006 LING_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/21/2024 11:15	40101 HUNT_T2	7	8	1	0.29	0.58	0.29	0	0	0	0	0	0	0	0
2/21/2024 11:16	50502 MECH_T1	1	2	1	1.9	1.05	-0.85	0	0	0	0	0	0	0	0
2/21/2024 11:17	50506 MECH_T1	3	3	0	0.4	0.4	0	0	0	0	0	0	0	0	0
2/21/2024 11:17	54504 ENOL_T2	1	2	1	0.8	0.2	-0.6	0	0	0	0	0	0	0	0
2/21/2024 11:17	55002 NEWP_T1	15	16	1	0.76	0.83	0.07	0	0	0	0	0	0	0	0
2/21/2024 11:18	54204 PENN_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/21/2024 11:18	53903 HALI_T2	5	6	1	0.78	0.97	0.19	0	0	0	0	0	0	0	0
2/21/2024 11:18	54206 PENN_T2	8	16	8	0.25	0.27	0.02	0	0	0	0	0	0	0	0
2/21/2024 11:19	64801 MONE_T2	14	30	16	0.35	0.34	-0.01	0	0	0	0	0	0	0	0
2/21/2024 11:19	55101 WERT_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/21/2024 11:19	24105 EHAZ_T1	4	4	0	5.48	5.75	0.27	0	0	0	0	0	0	0	0
2/21/2024 11:19	54202 PENN_T2	4	11	7	0.18	0.15	-0.03	0	0	0	0	0	0	0	0
2/21/2024 11:20	57401 SPAN_T1	61	122	61	0.29	0.34	0.05	0	0	0	0	0	0	0	0
2/21/2024 11:20	13103 NHAM_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/21/2024 11:21	43802 WATS_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/21/2024 11:21	43304 WATS_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/21/2024 11:22	56803 BENV_T1	28	20	-8	0.84	0.55	-0.29	0	0	0	0	0	0	0	0
2/21/2024 11:22	67502 WEWI_T2	6	10	4	0.6	0.62	0.02	0	0	0	0	0	0	0	0
2/21/2024 11:23	45601 WOOL_T1	0	3	3	0	0.17	0.17	0	0	0	0	0	0	0	0
2/21/2024 11:23	67502 WEWI_T2	6	10	4	0.6	0.62	0.02	0	0	0	0	0	0	0	0
2/21/2024 11:23	43001 ALWD_T1	5	5	0	0.46	0.48	0.02	0	0	0	0	0	0	0	0
2/21/2024 11:24	67203 TEHI_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/21/2024 11:24	43302 WATS_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/21/2024 11:25	56803 BENV_T1	28	20	-8	0.84	0.55	-0.29	0	0	0	0	0	0	0	0
2/21/2024 11:26	54506 ENOL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/21/2024 11:26	56801 BENV_T1	10	10	0	0.5	0.42	-0.08	0	0	0	0	0	0	0	0
2/21/2024 11:27	53601 DALM_T2	1	1	0	0.6	0.2	-0.4	0	0	0	0	0	0	0	0
2/21/2024 11:27	56803 BENV_T1	28	20	-8	0.84	0.55	-0.29	0	0	0	0	0	0	0	0
2/21/2024 11:28	54502 ENOL_T2	2	3	1	0.2	0.17	-0.03	0	0	0	0	0	0	0	0
2/21/2024 11:28	42401 GIMA_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/21/2024 11:28	60102 COCA_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/21/2024 11:28	54501 ENOL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/21/2024 11:29	54506 ENOL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/21/2024 11:29	61803 EELI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/21/2024 11:29	43001 ALWD_T1	5	5	0	0.46	0.48	0.02	0	0	0	0	0	0	0	0
2/21/2024 11:29	40903 JESH_T1	4	6	2	0.28	0.27	-0.01	0	0	0	0	0	0	0	0
2/21/2024 11:30	26402 INOR_T1	2	3	1	0.55	0.73	0.18	0	0	0	0	0	0	0	0
2/21/2024 11:30	54501 ENOL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/21/2024 11:30	54503 ENOL_T2	1	0	-1	0.1	0	-0.1	0	0	0	0	0	0	0	0
2/21/2024 11:31	54503 ENOL_T2	1	0	-1	0.1	0	-0.1	0	0	0	0	0	0	0	0
2/21/2024 11:31	54502 ENOL_T2	0	3	3	0	0.17	0.17	0	0	0	0	0	0	0	0
2/21/2024 11:31	65001 NEFF_T2	1	15	14	0.3	0.16	-0.14	0	0	0	0	0	0	0	0
2/21/2024 11:31	64801 MONE_T2	23	60	37	0.36	0.35	-0.01	0	0	0	0	0	0	0	0
2/21/2024 11:32	54506 ENOL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/21/2024 11:32	64802 MONE_T2	61	152	91	0.4	0.36	-0.04	0	0	0	0	0	0	0	0
2/21/2024 11:33	41902 REED_T1	3	3	0	0.5	0.47	-0.03	0	0	0	0	0	0	0	0
2/21/2024 11:33	55104 WERT_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/21/2024 11:34	67001 STHI_T2	538	693	155	0.24	0.31	0.07	0	0	0	0	0	0	0	0
2/21/2024 11:34	41901 REED_T1	11	11	0	0.48	0.44	-0.04	0	0	0	0	0	0	0	0
2/21/2024 11:35	41902 REED_T1	3	3	0	0.5	0.47	-0.03	0	0	0	0	0	0	0	0
2/21/2024 11:35	65001 NEFF_T2	1	15	14	0.3	0.16	-0.14	0	0	0	0	0	0	0	0
2/21/2024 11:35	67503 WEWI_T2	0	1	1	0	0.4	0.4	0	0	0	0	0	0	0	0
2/21/2024 11:35	64801 MONE_T2	23	60	37	0.36	0.35	-0.01	0	0	0	0	0	0	0	0
2/21/2024 11:36	67502 WEWI_T2	5	16	11	0.76	0.5	-0.26	0	0	0	0	0	0	0	0
2/21/2024 11:36	41902 REED_T1	3	3	0	0.5	0.47	-0.03	0	0	0	0	0	0	0	0
2/21/2024 11:36	67001 STHI_T2	538	693	155	0.24	0.31	0.07	0	0	0	0	0	0	0	0
2/21/2024 11:37	16302 ALPA_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/21/2024 11:37	67002 STHI_T2	277	410	133	0.23	0.26	0.03	0	0	0	0	0	0	0	0
2/21/2024 11:37	44302 BEAV_T2	3	13	10	0.57	0.53	-0.04	0	0	0	0	0	0	0	0
2/21/2024 11:37	55102 WERT_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/21/2024 11:38	44301 BEAV_T2	8	14	6	0.29	0.41	0.12	0	0	0	0	0	0	0	0
2/21/2024 11:38	67503 WEWI_T2	0	1	1	0	0.4	0.4	0	0	0	0	0	0	0	0
2/21/2024 11:38	16302 ALPA_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/21/2024 11:39	67001 STHI_T2	538	693	155	0.24	0.31	0.07	0	0	0	0	0	0	0	0
2/21/2024 11:39	43001 ALWD_T1	5	5	0	0.4	0.6	0.2	0	0	0	0	0	0	0	0
2/21/2024 11:39	67502 WEWI_T2	5	16	11	0.76	0.5	-0.26	0	0	0	0	0	0	0	0
2/21/2024 11:39	60801 BUCK_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/21/2024 11:40	16302 ALPA_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/21/2024 11:40	43001 ALWD_T1	5	5	0	0.4	0.6	0.2	0	0	0	0	0	0	0	0
2/21/2024 11:40	44301 BEAV_T2	8	14	6	0.29	0.41	0.12	0	0	0	0	0	0	0	0
2/21/2024 11:40	10701 CATA_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/21/2024 11:41	54503 ENOL_T2	1	0	-1	0.1	0	-0.1	0	0	0	0	0	0	0	0
2/21/2024 11:41	67503 WEWI_T2	0	1	1	0	0.4	0.4	0	0	0	0	0	0	0	0
2/21/2024 11:41	66701 STRA_T1	2	2	0	1.35	1.2	-0.15	0	0	0	0	0	0	0	0
2/21/2024 11:41	16302 ALPA_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/21/2024 11:41	60801 BUCK_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/21/2024 11:42	60801 BUCK_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/21/2024 11:42	54505 ENOL_T2	2	2	0	0.95	1.05	0.1	0	0	0	0	0	0	0	0
2/21/2024 11:42	41802 GOCI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/21/2024 11:43	54503 ENOL_T2	1	0	-1	0.1	0	-0.1	0	0	0	0	0	0	0	0
2/21/2024 11:43	41801 GOCI_T2	8	9	1	0.3	0.37	0.07	0	0	0	0	0	0	0	0
2/21/2024 11:44	54501 ENOL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/21/2024 11:44	42401 GIMA_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/21/2024 11:44	54506 ENOL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/21/2024 11:44	61803 EELI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/21/2024 11:44	50505 MECH_T1	1	1	0	0.2	0.4	0.2	0	0	0	0	0	0	0	0
2/21/2024 11:44	54503 ENOL_T2	1	0	-1	0.1	0	-0.1	0	0	0	0	0	0	0	0
2/21/2024 11:44	49804 UNIV_T1	0	2	2	0	0.25	0.25	0	0	0	0	0	0	0	0
2/21/2024 11:44	41802 GOCI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/21/2024 11:45	64303 LINC_T1	1	1	0	0.2	0.1	-0.1	0	0	0	0	0	0	0	0
2/21/2024 11:45	54506 ENOL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/21/2024 11:45	43001 ALWD_T1	5	10	5	0.44	0.48	0.04	0	0	0	0	0	0	0	0
2/21/2024 11:46	54505 ENOL_T2	2	2	0	1.05	1	-0.05	0	0	0	0	0	0	0	0
2/21/2024 11:46	54501 ENOL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/21/2024 11:46	54503 ENOL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/21/2024 11:46	65001 NEFF_T2	13	18	5	0.17	0.15	-0.02	0	0	0	0	0	0	0	0
2/21/2024 11:46	28703 HAML_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/21/2024 11:46	46003 BERW_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/21/2024 11:46	13302 ORVI_T2	2	2	0	0.2	0.5	0.3	0	0	0	0	0	0	0	0
2/21/2024 11:47	54506 ENOL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/21/2024 11:47	54501 ENOL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/21/2024 11:47	54701 NEBL_T1	3	1	-2	0.2	0.1	-0.1	0	0	0	0	0	0	0	0
2/21/2024 11:48	46301 ROHR_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/21/2024 11:48	64303 LINC_T1	1	1	0	0.2	0.1	-0.1	0	0	0	0	0	0	0	0
2/21/2024 11:48	54701 NEBL_T1	3	1	-2	0.2	0.1	-0.1	0	0	0	0	0	0	0	0
2/21/2024 11:49	65005 NEFF_T2	1	2	1	0.5	0.45	-0.05	0	0	0	0	0	0	0	0
2/21/2024 11:49	55104 WERT_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/21/2024 11:49	67001 STHI_T2	666	605	-61	0.31	0.28	-0.03	0	0	0	0	0	0	0	0
2/21/2024 11:49	46301 ROHR_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/21/2024 11:50	67203 TEHI_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/21/2024 11:50	67203 TEHI_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/21/2024 11:50	67001 STHI_T2	666	605	-61	0.31	0.28	-0.03	0	0	0	0	0	0	0	0
2/21/2024 11:50	16302 ALPA_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/21/2024 11:51	67605 WARW_T1	87	65	-22	0.59	0.7	0.11	0	0	0	0	0	0	0	0
2/21/2024 11:51	67605 WARW_T1	87	65	-22	0.59	0.7	0.11	0	0	0	0	0	0	0	0
2/21/2024 11:51	60701 BREC_T1	1	2	1	0.2	0.2	0	0	0	0	0	0	0	0	0
2/21/2024 11:51	16302 ALPA_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/21/2024 11:51	67503 WEWI_T2	1	1	0	0.2	0.4	0.2	0	0	0	0	0	0	0	0
2/21/2024 11:51	67501 WEWI_T1	3	4	1	0.2	0.38	0.18	0	0	0	0	0	0	0	0
2/21/2024 11:51	67402 WAKE_T2	0	1	1	0	0.2	0.2	0	0	0	0	0	0	0	0
2/21/2024 11:51	67503 WEWI_T2	1	1	0	0.2	0.4	0.2	0	0	0	0	0	0	0	0
2/21/2024 11:52	67001 STHI_T2	666	605	-61	0.31	0.28	-0.03	0	0	0	0	0	0	0	0
2/21/2024 11:52	67503 WEWI_T2	1	1	0	0.2	0.4	0.2	0	0	0	0	0	0	0	0
2/21/2024 11:52	60801 BUCK_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/21/2024 11:52	67002 STHI_T2	391	333	-58	0.27	0.24	-0.03	0	0	0	0	0	0	0	0
2/21/2024 11:52	16302 ALPA_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/21/2024 11:53	67002 STHI_T2	391	333	-58	0.27	0.24	-0.03	0	0	0	0	0	0	0	0
2/21/2024 11:53	55104 WERT_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/21/2024 11:53	67002 STHI_T2	391	333	-58	0.27	0.24	-0.03	0	0	0	0	0	0	0	0
2/21/2024 11:54	67502 WEWI_T2	9	19	10	0.62	0.44	-0.18	0	0	0	0	0	0	0	0
2/21/2024 11:54	67504 WEWI_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/21/2024 11:54	67001 STHI_T2	666	605	-61	0.31	0.28	-0.03	0	0	0	0	0	0	0	0
2/21/2024 11:54	53102 WTWN_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/21/2024 11:54	61802 EELI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/21/2024 11:54	56504 ROCK_T2	7	8	1	0.37	0.45	0.08	0	0	0	0	0	0	0	0
2/21/2024 11:54	67604 WARW_T1	3	3	0	0.27	0.33	0.06	0	0	0	0	0	0	0	0
2/21/2024 11:54	56503 ROCK_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/21/2024 11:54	60701 BREC_T1	1	2	1	0.2	0.2	0	0	0	0	0	0	0	0	0
2/21/2024 11:55	56503 ROCK_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/21/2024 11:55	56503 ROCK_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/21/2024 11:55	67502 WEWI_T2	9	19	10	0.62	0.44	-0.18	0	0	0	0	0	0	0	0
2/21/2024 11:55	56504 ROCK_T2	7	8	1	0.37	0.45	0.08	0	0	0	0	0	0	0	0
2/21/2024 11:55	43001 ALWD_T1	5	10	5	0.44	0.48	0.04	0	0	0	0	0	0	0	0
2/21/2024 11:55	16302 ALPA_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/21/2024 11:56	28703 HAML_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/21/2024 11:56	56501 ROCK_T2	9	14	5	0.23	0.36	0.13	0	0	0	0	0	0	0	0
2/21/2024 11:56	67604 WARW_T1	3	3	0	0.27	0.33	0.06	0	0	0	0	0	0	0	0
2/21/2024 11:56	43001 ALWD_T1	5	10	5	0.44	0.48	0.04	0	0	0	0	0	0	0	0
2/21/2024 11:56	67402 WAKE_T2	0	1	1	0	0.2	0.2	0	0	0	0	0	0	0	0
2/21/2024 11:57	56603 HAMP_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/21/2024 11:57	67402 WAKE_T2	0	1	1	0	0.2	0.2	0	0	0	0	0	0	0	0
2/21/2024 11:58	56503 ROCK_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/21/2024 11:58	42401 GIMA_T1	0	2	2	0	0.1	0.1	0	0	0	0	0	0	0	0
2/21/2024 11:58	56504 ROCK_T2	7	8	1	0.37	0.45	0.08	0	0	0	0	0	0	0	0
2/21/2024 11:59	56503 ROCK_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/21/2024 11:59	26402 INOR_T1	2	26	24	0.65	0.37	-0.28	0	0	0	0	0	0	0	0
2/21/2024 12:00	56503 ROCK_T2	0	1	1	0	0.1	0.1	0	0	0	0	0	0	0	0
2/21/2024 12:00	56603 HAMP_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/21/2024 12:00	43001 ALWD_T1	5	13	8	0.58	0.41	-0.17	0	0	0	0	0	0	0	0
2/21/2024 12:01	25402 LAHA_T2	1	1	0	0.8	0.3	-

Appendix C - Grid Benefits Achieved in Each Instance of Active Management

2/21/2024 12:35	50701 SMEC_T1	9	9	0	0.7	0.89	0.19	0	0	0	0	0	0	0	0
2/21/2024 12:36	50701 SMEC_T1	9	9	0	0.7	0.89	0.19	0	0	0	0	0	0	0	0
2/21/2024 12:37	47401 PENS_T1	5	1	-4	0.78	1.4	0.62	0	0	0	0	0	0	0	0
2/21/2024 12:38	65801 RTWN_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/21/2024 12:38	43001 ALWD_T1	12	8	-4	0.42	0.53	0.11	0	0	0	0	0	0	0	0
2/21/2024 12:39	66701 STRA_T1	2	3	1	1.4	1.07	-0.33	0	0	0	0	0	0	0	0
2/21/2024 12:41	60201 ATGL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/21/2024 12:42	61801 EELI_T2	7	7	0	0.24	0.27	0.03	0	0	0	0	0	0	0	0
2/21/2024 12:43	28702 HAML_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/21/2024 12:49	66301 MCGD_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/21/2024 12:51	14402 SSLA_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/21/2024 12:53	14403 SSLA_T1	3	2	-1	0.4	0.45	0.05	0	0	0	0	0	0	0	0
2/21/2024 12:54	67605 WARW_T1	46	50	4	0.71	0.77	0.06	0	0	0	0	0	0	0	0
2/21/2024 12:55	65001 NEFF_T2	13	27	14	0.13	0.17	0.04	0	0	0	0	0	0	0	0
2/21/2024 12:58	42401 GIMA_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/21/2024 12:59	25501 MADI_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/21/2024 13:09	10702 CATA_T2	0	1	1	0	0.2	0.2	0	0	0	0	0	0	0	0
2/21/2024 13:15	25502 MADI_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/21/2024 13:16	13503 MCMI_T2	20	74	54	0.23	0.29	0.06	0	0	0	0	0	0	0	0
2/21/2024 13:25	24105 EHAZ_T1	4	4	0	5.93	5.73	-0.2	0	0	0	0	0	0	0	0
2/21/2024 13:27	28801 LAKE_T1	57	53	-4	0.26	0.21	-0.05	0	0	0	0	0	0	0	0
2/21/2024 13:30	24105 EHAZ_T1	4	4	0	5.75	5.53	-0.22	0	0	0	0	0	0	0	0
2/21/2024 13:32	46502 LOHA_T1	1	1	0	0.3	0.1	-0.2	0	0	0	0	0	0	0	0
2/21/2024 13:36	57401 SPAN_T1	30	111	81	0.24	0.29	0.05	0	0	0	0	0	0	0	0
2/21/2024 13:36	54501 ENOL_T2	0	2	2	0	0.1	0.1	0	0	0	0	0	0	0	0
2/21/2024 13:36	54504 ENOL_T2	2	2	0	0.4	0.55	0.15	0	0	0	0	0	0	0	0
2/21/2024 13:36	57403 SPAN_T1	13	30	17	0.5	0.39	-0.11	0	0	0	0	0	0	0	0
2/21/2024 13:36	56603 HAMP_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/21/2024 13:37	45701 LIND_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/21/2024 13:37	41903 REED_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/21/2024 13:37	43304 WATS_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/21/2024 13:37	20403 ASHF_T2	20	12	-8	0.43	0.46	0.03	0	0	0	0	0	0	0	0
2/21/2024 13:37	29401 BELT_T1	1	2	1	0.2	0.15	-0.05	0	0	0	0	0	0	0	0
2/21/2024 13:37	43302 WATS_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/21/2024 13:37	40902 JESH_T1	117	70	-47	0.24	0.22	-0.02	0	0	0	0	0	0	0	0
2/21/2024 13:37	41801 GOCI_T2	16	84	68	0.43	0.35	-0.08	0	0	0	0	0	0	0	0
2/21/2024 13:37	40602 PIGR_T1	1	1	0	0.5	0.6	0.1	0	0	0	0	0	0	0	0
2/21/2024 13:37	45602 WOOL_T1	105	5	-100	0.26	0.46	0.2	0	0	0	0	0	0	0	0
2/21/2024 13:37	45501 DERR_T2	1	1	0	0.3	0.4	0.1	0	0	0	0	0	0	0	0
2/21/2024 13:37	48802 ORWI_T2	2	2	0	1.35	1.3	-0.05	0	0	0	0	0	0	0	0
2/21/2024 13:37	46701 RENO_T1	119	66	-53	0.39	0.32	-0.07	0	0	0	0	0	0	0	0
2/21/2024 13:37	40101 HUNT_T2	1	5	4	0.9	0.3	-0.6	0	0	0	0	0	0	0	0
2/21/2024 13:38	56601 HAMP_T1	6	0	-6	0.32	0	-0.32	0	0	0	0	0	0	0	0
2/21/2024 13:38	43304 WATS_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/21/2024 13:38	45602 WOOL_T1	105	5	-100	0.26	0.46	0.2	0	0	0	0	0	0	0	0
2/21/2024 13:38	45702 LIND_T2	1	2	1	1.5	1	-0.5	0	0	0	0	0	0	0	0
2/21/2024 13:38	40602 PIGR_T1	1	1	0	0.5	0.6	0.1	0	0	0	0	0	0	0	0
2/21/2024 13:38	42204 SHEN_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/21/2024 13:38	41903 REED_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/21/2024 13:38	43303 WATS_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/21/2024 13:38	29401 BELT_T1	1	2	1	0.2	0.15	-0.05	0	0	0	0	0	0	0	0
2/21/2024 13:38	45502 DERR_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/21/2024 13:38	46701 RENO_T1	119	66	-53	0.39	0.32	-0.07	0	0	0	0	0	0	0	0
2/21/2024 13:38	54506 ENOL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/21/2024 13:38	40902 JESH_T1	117	70	-47	0.24	0.22	-0.02	0	0	0	0	0	0	0	0
2/21/2024 13:38	41802 GOCI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/21/2024 13:38	57401 SPAN_T1	30	111	81	0.24	0.29	0.05	0	0	0	0	0	0	0	0
2/21/2024 13:38	46501 LOHA_T1	22	1	-21	0.13	0.1	-0.03	0	0	0	0	0	0	0	0
2/21/2024 13:38	48302 ORWI_T2	2	2	0	1.35	1.3	-0.05	0	0	0	0	0	0	0	0
2/21/2024 13:38	20401 ASHF_T2	5	6	1	0.16	0.4	0.24	0	0	0	0	0	0	0	0
2/21/2024 13:38	54504 ENOL_T2	2	2	0	0.4	0.55	0.15	0	0	0	0	0	0	0	0
2/21/2024 13:38	57401 SPAN_T1	30	111	81	0.24	0.29	0.05	0	0	0	0	0	0	0	0
2/21/2024 13:38	40101 HUNT_T2	1	5	4	0.9	0.3	-0.6	0	0	0	0	0	0	0	0
2/21/2024 13:39	41902 REED_T1	1	2	1	0.2	0.2	0	0	0	0	0	0	0	0	0
2/21/2024 13:41	67402 WAKE_T2	1	1	0	0.2	0.1	-0.1	0	0	0	0	0	0	0	0
2/21/2024 13:41	24102 EHAZ_T1	7	5	-2	1.86	0.17	-1.69	0	0	0	0	0	0	0	0
2/21/2024 13:45	54501 ENOL_T2	3	5	2	0.33	0.16	-0.17	0	0	0	0	0	0	0	0
2/21/2024 13:45	58402 MORO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/21/2024 13:46	67401 WAKE_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/21/2024 13:46	24104 EHAZ_T1	17	77	60	0.14	0.27	0.13	0	0	0	0	0	0	0	0
2/21/2024 13:47	50202 HARR_T3	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/21/2024 13:47	65003 NEFF_T2	51	144	93	0.2	0.2	0	0	0	0	0	0	0	0	0
2/21/2024 13:47	16103 BING_T2	1	1	0	0.5	0.6	0.1	0	0	0	0	0	0	0	0
2/21/2024 13:48	65004 NEFF_T2	9	18	9	0.32	0.24	-0.08	0	0	0	0	0	0	0	0
2/21/2024 13:49	58401 MORO_T1	0	1	1	0	0.1	0.1	0	0	0	0	0	0	0	0
2/21/2024 13:49	50504 MECH_T1	15	68	53	0.18	0.15	-0.03	0	0	0	0	0	0	0	0
2/21/2024 13:51	50107 HARR_T3	2	2	0	0.6	0	-0.6	0	0	0	0	0	0	0	0
2/21/2024 13:51	67402 WAKE_T2	1	0	-1	0.1	0	-0.1	0	0	0	0	0	0	0	0
2/21/2024 13:53	44301 BEAV_T2	9	9	0	0.4	0.49	0.09	0	0	0	0	0	0	0	0
2/21/2024 13:54	61703 ELIZ_T1	1	1	0	0.5	0.4	-0.1	0	0	0	0	0	0	0	0
2/21/2024 13:54	44301 BEAV_T2	9	9	0	0.4	0.49	0.09	0	0	0	0	0	0	0	0
2/21/2024 13:55	61703 ELIZ_T1	1	1	0	0.5	0.4	-0.1	0	0	0	0	0	0	0	0
2/21/2024 13:56	24102 EHAZ_T1	5	4	-1	1.2	0	-1.2	0	0	0	0	0	0	0	0
2/21/2024 13:56	61703 ELIZ_T1	1	1	0	0.5	0.4	-0.1	0	0	0	0	0	0	0	0
2/21/2024 13:56	17801 GILB_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/21/2024 13:57	17805 GILB_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/21/2024 13:57	67402 WAKE_T2	1	0	-1	0.1	0	-0.1	0	0	0	0	0	0	0	0
2/21/2024 13:57	17801 GILB_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/21/2024 13:58	17801 GILB_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/21/2024 13:59	17803 GILB_T2	0	2	2	0	0.15	0.15	0	0	0	0	0	0	0	0
2/21/2024 13:59	26401 INOR_T1	1	0	-1	0.7	0	-0.7	0	0	0	0	0	0	0	0
2/21/2024 14:01	24104 EHAZ_T1	57	97	40	0.24	0.27	0.03	0	0	0	0	0	0	0	0
2/21/2024 14:01	17804 GILB_T2	1	1	0	1.1	1	-0.1	0	0	0	0	0	0	0	0
2/21/2024 14:02	47402 PENS_T1	0	1	1	0	0.3	0.3	0	0	0	0	0	0	0	0
2/21/2024 14:02	17002 RIRO_T2	3	9	6	0.37	0.2	-0.17	0	0	0	0	0	0	0	0
2/21/2024 14:03	41901 REED_T1	9	9	0	0.23	0.31	0.08	0	0	0	0	0	0	0	0
2/21/2024 14:04	47402 PENS_T1	0	1	1	0	0.3	0.3	0	0	0	0	0	0	0	0
2/21/2024 14:05	43301 WATS_T2	1	2	1	0.1	0.4	0.3	0	0	0	0	0	0	0	0
2/21/2024 14:05	59202 THOM_T1	224	380	156	0.27	0.43	0.16	0	0	0	0	0	0	0	0
2/21/2024 14:06	67401 WAKE_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/21/2024 14:06	67605 WARW_T1	91	55	-36	0.59	0.84	0.25	0	0	0	0	0	0	0	0
2/21/2024 14:06	27502 WEIS_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/21/2024 14:06	43303 WATS_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/21/2024 14:06	54202 PENN_T2	60	133	73	0.18	0.21	0.03	0	0	0	0	0	0	0	0
2/21/2024 14:06	45601 WOOL_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/21/2024 14:06	47403 PENS_T1	6	8	2	0.45	0.56	0.11	0	0	0	0	0	0	0	0
2/21/2024 14:06	58003 WCAR_T1	183	193	10	0.42	0.44	0.02	0	0	0	0	0	0	0	0
2/21/2024 14:07	43301 WATS_T2	1	2	1	0.1	0.4	0.3	0	0	0	0	0	0	0	0
2/21/2024 14:07	44302 BEAV_T2	4	40	36	0.15	0.3	0.15	0	0	0	0	0	0	0	0
2/21/2024 14:07	67401 WAKE_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/21/2024 14:07	41902 REED_T1	1	0	-1	0.1	0	-0.1	0	0	0	0	0	0	0	0
2/21/2024 14:07	43001 ALWD_T1	11	13	2	0.4	0.38	-0.02	0	0	0	0	0	0	0	0
2/21/2024 14:08	67605 WARW_T1	91	55	-36	0.59	0.84	0.25	0	0	0	0	0	0	0	0
2/21/2024 14:08	43302 WATS_T2	0	1	1	0	0.1	0.1	0	0	0	0	0	0	0	0
2/21/2024 14:08	44302 BEAV_T2	4	40	36	0.15	0.3	0.15	0	0	0	0	0	0	0	0
2/21/2024 14:08	58003 WCAR_T1	183	193	10	0.42	0.44	0.02	0	0	0	0	0	0	0	0
2/21/2024 14:09	43303 WATS_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/21/2024 14:09	43302 WATS_T2	0	1	1	0	0.1	0.1	0	0	0	0	0	0	0	0
2/21/2024 14:10	27502 WEIS_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/21/2024 14:10	44302 BEAV_T2	4	40	36	0.15	0.3	0.15	0	0	0	0	0	0	0	0
2/21/2024 14:11	44302 BEAV_T2	4	40	36	0.15	0.3	0.15	0	0	0	0	0	0	0	0
2/21/2024 14:11	43001 ALWD_T1	11	13	2	0.4	0.38	-0.02	0	0	0	0	0	0	0	0
2/21/2024 14:12	24105 EHAZ_T1	4	4	0	5.53	5.45	-0.08	0	0	0	0	0	0	0	0
2/21/2024 14:12	17804 GILB_T2	1	1	0	1.1	1	-0.1	0	0	0	0	0	0	0	0
2/21/2024 14:12	44302 BEAV_T2	4	40	36	0.15	0.3	0.15	0	0	0	0	0	0	0	0
2/21/2024 14:12	67401 WAKE_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/21/2024 14:12	53901 HALI_T2	1	1	0	0.9	1	0.1	0	0	0	0	0	0	0	0
2/21/2024 14:13	54502 ENOL_T2	4	14	10	0.13	0.12	-0.01	0	0	0	0	0	0	0	0
2/21/2024 14:13	53901 HALI_T2	1	1	0	0.9	1	0.1	0	0	0	0	0	0	0	0
2/21/2024 14:13	54505 ENOL_T2	3	3	0	0.77	0.83	0.06	0	0	0	0	0	0	0	0
2/21/2024 14:13	54502 ENOL_T2	4	14	10	0.13	0.12	-0.01	0	0	0	0	0	0	0	0
2/21/2024 14:13	53903 HALI_T2	7	7	0	1.01	1.03	0.02	0	0	0	0	0	0	0	0
2/21/2024 14:14	44302 BEAV_T2	4	40	36	0.15	0.3	0.15	0	0	0	0	0	0	0	0
2/21/2024 14:14	54506 ENOL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/21/2024 14:14	46504 LOHA_T1	64	156	92	0.21	0.21	0	0	0	0	0	0	0	0	0
2/21/2024 14:14	53902 HALI_T2	2	2	0	3	2.95	-0.05	0	0	0	0	0	0	0	0
2/21/2024 14:14	54506 ENOL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/21/2024 14:14	42903 MIDD_T2	2	3	1	1.5	1.33	-0.17	0	0	0	0	0	0	0	0
2/21/2024 14:14	54506 ENOL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/21/2024 14:15	46502 LOHA_T1	1	1	0	0.2	0.3	0.1	0	0	0	0	0	0	0	0
2/21/2024 14:15	54503 ENOL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/21/2024 14:15	53903 HALI_T2	7	7	0	1.01	0.9	-0.11	0	0	0	0	0	0	0	0
2/21/2024 14:15	54501 ENOL_T2	2	0	-2	0.1	0	-0.1	0	0	0	0	0	0	0	0
2/21/2024 14:15	26402 INOR_T1	3	4	1	0.83	0.73	-0.1	0	0	0	0	0	0	0	0
2/21/2024 14:16	54504 ENOL_T2	3	2	-1	0.37	0.2	-0.17	0	0	0	0	0	0	0	0
2/21/2024 14:16	46505 LOHA_T1	0	14	14	0	0.11	0.11	0	0	0	0	0	0	0	0
2/21/2024 14:16	26401 INOR_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/21/2024 14:16	53903 HALI_T2	7	7	0	1.01	0.9	-0.11	0	0	0	0	0	0	0	0
2/21/2024 14:16	13302 ORVI_T2	6	4	-2	0.5	0.8	0.3	0	0	0	0	0	0	0	0
2/21/2024 14:16	54504 ENOL_T2	3	2	-1	0.37	0.2	-0.17	0	0	0	0	0	0	0	0
2/21/2024 14:16	65502 MOJO_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/21/2024 14:16	54503 ENOL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/21/2024 14:16	54502 ENOL_T2	4	15	11	0.15	0.13	-0.02	0	0	0	0	0	0	0	0
2/21/2024 14:16	43001 ALWD_T1	10	15	5	0.4	0.39	-0.01	0	0	0	0	0	0	0	0
2/21/2024 14:17	54505 ENOL_T2	3	3	0	0.7	0.87	0.17	0	0	0	0	0	0	0	0
2/21/2024 14:17	50502 MECH_T1	2	2	0	1.3	1.6	0.3	0	0	0	0	0	0	0	0
2/21/2024 14:17	24103 EHAZ_T1	0	3	3	0	0	0	0	0	0	0	0	0	0	0
2/21/2024 14:17	17002 RIRO_T2	4	14	10	0.28	0.18	-0.1	0	0	0	0	0	0	0	0
2/21/2024 14:18	54202 PENN_T2	84	139	55	0.18	0.21	0.03	0	0	0	0	0	0	0	0
2/21/2024 14:18	41903 REED_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/21/2024 14:18	13302 ORVI_T2	6	4	-2	0.5	0.8	0.3	0	0	0	0	0	0	0	0
2/21/2024 14:18	42901 MIDD_T2	2	2	0	0.65	0.4	-0.25	0	0	0	0	0	0	0	0
2/21/2024 14:18	47401 PENS_T1	3	2	-1	0.83	1.15	0.32	0	0	0	0	0	0	0	0
2/21/2024 14:19	41902 REED_T1	0	2	2	0	0	0	0	0	0	0	0	0	0	0
2/21/2024 14:20	47403 PENS_T1	8	3	-5	0.56	0.97	0.41	0	0	0	0	0	0	0	0
2/21/2024 14:20	13302 ORVI_T2	6	4	-2	0.5	0.8	0.3	0	0	0	0	0	0	0	0
2/21/2024 14:21	58702 ROSE_T2	0	1	1	0	0.1	0.1	0	0	0	0	0	0	0	0
2/21/2024 14:21	54202 PENN_T2	84	139	55	0.18	0.21	0.03	0	0	0	0	0	0	0	0
2/21/2024 14:21	43303 WATS_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/21/2024 14:21	13302 ORVI_T2	6	4	-2	0.5	0.8	0.3	0	0	0	0	0	0	0	0
2/21/2024 14:21	67505 WEWI_T1	2	2	0	0.25	0.25	0	0	0	0	0	0	0	0	0
2/21/2024 14:21	14401 SSLA_T1	0	2	2	0	0.3	0.3	0	0	0	0	0	0	0	0
2/21/2024 14:21	67503 WEWI_T2	1	1	0	0.2	0.2	0	0	0	0	0	0	0	0	0
2/21/2024 14:22	40603 PIGR_T1	2	2	0	0.15	0.25	0.1	0	0	0	0	0	0	0	0
2/21/2024 14:22	14404 SSLA_T1	0	1	1	0	0.1	0.1	0	0	0	0	0	0	0	0
2/21/2024 14:22	47402 PENS_T1	1	1	0	0.3	0.2	-0.1	0	0	0	0	0	0	0	0
2/21/2024 14:22	44302 BEAV_T2	14	40	26	0.33	0.3	-0.03	0	0	0	0	0	0	0	0
2/21/2024 14:22	59201 THOM_T1	33	40	7	0.4	0.39	-0.01	0	0	0	0	0	0	0	0
2/21/2024 14:22	67002 STHI_T2	14	43	29	0.35	0.2	-0.15	0	0	0	0	0	0	0	0
2/21/2024 14:22	27502 WEIS_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/21/2024 14:23	67505 WEWI_T1	2	2	0	0.25	0.25	0	0	0	0	0	0	0	0	0
2/21/2024 14:23	44301 BEAV_T2	8	7

Appendix C - Grid Benefits Achieved in Each Instance of Active Management

2/21/2024 14:29	10801 CHNI_T1	3	1	-2	0.6	1.2	0.6	0	0	0	0	0	0	0	0
2/21/2024 14:30	54504 ENOL_T2	2	1	-1	0.2	0.2	0	0	0	0	0	0	0	0	0
2/21/2024 14:30	65001 NEFF_T2	1	0	-1	0.1	0	-0.1	0	0	0	0	0	0	0	0
2/21/2024 14:30	41801 GOCI_T2	64	64	0	0.31	0.27	-0.04	0	0	0	0	0	0	0	0
2/21/2024 14:30	17801 GILB_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/21/2024 14:30	42903 MIDD_T2	2	2	0	1.15	0.6	-0.55	0	0	0	0	0	0	0	0
2/21/2024 14:31	54503 ENOL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/21/2024 14:31	54502 ENOL_T2	13	11	-2	0.11	0.15	0.04	0	0	0	0	0	0	0	0
2/21/2024 14:31	42903 MIDD_T2	2	2	0	1.15	0.6	-0.55	0	0	0	0	0	0	0	0
2/21/2024 14:31	26401 INOR_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/21/2024 14:31	47802 MOCA_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/21/2024 14:32	54202 PENN_T2	127	147	20	0.21	0.2	-0.01	0	0	0	0	0	0	0	0
2/21/2024 14:32	54504 ENOL_T2	2	1	-1	0.2	0.2	0	0	0	0	0	0	0	0	0
2/21/2024 14:32	26402 INOR_T1	4	4	0	0.73	0.58	-0.15	0	0	0	0	0	0	0	0
2/21/2024 14:33	43001 ALWD_T1	12	17	5	0.39	0.35	-0.04	0	0	0	0	0	0	0	0
2/21/2024 14:33	24103 EHAZ_T1	3	2	-1	0.13	0	-0.13	0	0	0	0	0	0	0	0
2/21/2024 14:33	41902 REED_T1	0	2	2	0	0	0	0	0	0	0	0	0	0	0
2/21/2024 14:33	13302 ORVI_T2	4	5	1	0.63	0.64	0.01	0	0	0	0	0	0	0	0
2/21/2024 14:34	42902 MIDD_T2	23	3	-20	0.3	0.33	0.03	0	0	0	0	0	0	0	0
2/21/2024 14:34	59402 RFLD_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/21/2024 14:34	65001 NEFF_T2	1	0	-1	0.1	0	-0.1	0	0	0	0	0	0	0	0
2/21/2024 14:34	43801 SWIL_T1	15	37	22	0.54	0.35	-0.19	0	0	0	0	0	0	0	0
2/21/2024 14:35	41903 REED_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/21/2024 14:35	43802 SWIL_T1	1	1	0	0.2	0.2	0	0	0	0	0	0	0	0	0
2/21/2024 14:35	43301 WATS_T2	2	1	-1	0.4	0.7	0.3	0	0	0	0	0	0	0	0
2/21/2024 14:35	54202 PENN_T2	127	147	20	0.21	0.2	-0.01	0	0	0	0	0	0	0	0
2/21/2024 14:35	59402 RFLD_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/21/2024 14:36	43802 SWIL_T1	1	1	0	0.2	0.2	0	0	0	0	0	0	0	0	0
2/21/2024 14:36	67502 WEWI_T2	9	10	1	0.33	0.41	0.08	0	0	0	0	0	0	0	0
2/21/2024 14:36	59402 RFLD_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/21/2024 14:37	67401 WAKE_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/21/2024 14:37	60201 ATGL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/21/2024 14:37	43302 WATS_T2	1	1	0	0.1	0.1	0	0	0	0	0	0	0	0	0
2/21/2024 14:37	67503 WEWI_T2	1	1	0	0.2	0.3	0.1	0	0	0	0	0	0	0	0
2/21/2024 14:37	43001 ALWD_T1	12	17	5	0.39	0.35	-0.04	0	0	0	0	0	0	0	0
2/21/2024 14:38	42201 SHEN_T2	2	1	-1	0.2	0.4	0.2	0	0	0	0	0	0	0	0
2/21/2024 14:38	67604 WARW_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/21/2024 14:38	58003 WCAR_T1	177	200	23	0.42	0.45	0.03	0	0	0	0	0	0	0	0
2/21/2024 14:38	67401 WAKE_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/21/2024 14:38	60803 BUCK_T1	2	2	0	0.15	0.15	0	0	0	0	0	0	0	0	0
2/21/2024 14:38	67201 TEHI_T1	19	49	30	0.27	0.23	-0.04	0	0	0	0	0	0	0	0
2/21/2024 14:39	56503 ROCK_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/21/2024 14:39	29402 BELT_T1	1	1	0	7.6	7.8	0.2	0	0	0	0	0	0	0	0
2/21/2024 14:39	67605 WARW_T1	51	38	-13	0.78	0.68	-0.1	0	0	0	0	0	0	0	0
2/21/2024 14:39	67503 WEWI_T2	1	1	0	0.2	0.3	0.1	0	0	0	0	0	0	0	0
2/21/2024 14:39	10801 CHNI_T1	1	2	1	1.2	0.6	-0.6	0	0	0	0	0	0	0	0
2/21/2024 14:39	60801 BUCK_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/21/2024 14:39	66703 STRA_T1	2	0	-2	0.1	0	-0.1	0	0	0	0	0	0	0	0
2/21/2024 14:39	43001 ALWD_T1	12	17	5	0.39	0.35	-0.04	0	0	0	0	0	0	0	0
2/21/2024 14:39	51601 DUKE_T1	1	1	0	0.2	0.3	0.1	0	0	0	0	0	0	0	0
2/21/2024 14:39	67503 WEWI_T2	1	1	0	0.2	0.3	0.1	0	0	0	0	0	0	0	0
2/21/2024 14:40	10805 CHNI_T2	9	5	-4	1.03	1.64	0.61	0	0	0	0	0	0	0	0
2/21/2024 14:40	47202 FAKO_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/21/2024 14:40	67503 WEWI_T2	1	1	0	0.2	0.3	0.1	0	0	0	0	0	0	0	0
2/21/2024 14:40	56501 ROCK_T2	8	7	-1	0.3	0.39	0.09	0	0	0	0	0	0	0	0
2/21/2024 14:41	17803 GILB_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/21/2024 14:41	41601 CLEV_T1	1	1	0	0.3	0.1	-0.2	0	0	0	0	0	0	0	0
2/21/2024 14:41	10805 CHNI_T2	9	5	-4	1.03	1.64	0.61	0	0	0	0	0	0	0	0
2/21/2024 14:42	56501 ROCK_T2	8	7	-1	0.3	0.39	0.09	0	0	0	0	0	0	0	0
2/21/2024 14:42	26401 INOR_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/21/2024 14:42	41802 GOCI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/21/2024 14:42	51601 DUKE_T1	1	1	0	0.2	0.3	0.1	0	0	0	0	0	0	0	0
2/21/2024 14:42	43001 ALWD_T1	12	17	5	0.39	0.35	-0.04	0	0	0	0	0	0	0	0
2/21/2024 14:42	29402 BELT_T1	1	1	0	7.6	7.8	0.2	0	0	0	0	0	0	0	0
2/21/2024 14:43	54506 ENOL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/21/2024 14:43	17805 GILB_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/21/2024 14:43	17805 GILB_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/21/2024 14:43	40901 JESH_T1	40	89	49	0.18	0.27	0.09	0	0	0	0	0	0	0	0
2/21/2024 14:43	67401 WAKE_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/21/2024 14:43	10805 CHNI_T2	9	5	-4	1.03	1.64	0.61	0	0	0	0	0	0	0	0
2/21/2024 14:43	24103 EHAZ_T1	3	2	-1	0.13	0	-0.13	0	0	0	0	0	0	0	0
2/21/2024 14:44	54502 ENOL_T2	13	11	-2	0.11	0.15	0.04	0	0	0	0	0	0	0	0
2/21/2024 14:44	42401 GIMA_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/21/2024 14:44	54501 ENOL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/21/2024 14:44	28703 HAML_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/21/2024 14:44	17802 GILB_T1	4	2	-2	0.43	0.3	-0.13	0	0	0	0	0	0	0	0
2/21/2024 14:44	54506 ENOL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/21/2024 14:44	61306 EARL_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/21/2024 14:45	46506 LOHA_T1	284	298	14	0.35	0.38	0.03	0	0	0	0	0	0	0	0
2/21/2024 14:45	54506 ENOL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/21/2024 14:45	17802 GILB_T1	1	1	0	0.1	0.5	0.4	0	0	0	0	0	0	0	0
2/21/2024 14:46	50502 MECH_T1	2	3	1	1.6	1.23	-0.37	0	0	0	0	0	0	0	0
2/21/2024 14:46	64802 MONE_T2	231	191	-40	0.25	0.24	-0.01	0	0	0	0	0	0	0	0
2/21/2024 14:46	41802 GOCI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/21/2024 14:46	17801 GILB_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/21/2024 14:47	50502 MECH_T1	2	3	1	1.6	1.23	-0.37	0	0	0	0	0	0	0	0
2/21/2024 14:47	42902 MIDD_T2	2	1	-1	0.45	0.1	-0.35	0	0	0	0	0	0	0	0
2/21/2024 14:47	54206 PENN_T2	79	143	64	0.24	0.21	-0.03	0	0	0	0	0	0	0	0
2/21/2024 14:47	26401 INOR_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/21/2024 14:47	54506 ENOL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/21/2024 14:47	54701 NEBL_T1	7	7	0	0.46	0.59	0.13	0	0	0	0	0	0	0	0
2/21/2024 14:48	54501 ENOL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/21/2024 14:48	54505 ENOL_T2	3	2	-1	0.6	1.2	0.6	0	0	0	0	0	0	0	0
2/21/2024 14:48	13302 ORVI_T2	3	5	2	0.97	0.6	-0.37	0	0	0	0	0	0	0	0
2/21/2024 14:48	54202 PENN_T2	105	264	159	0.22	0.21	-0.01	0	0	0	0	0	0	0	0
2/21/2024 14:48	24102 EHAZ_T1	6	3	-3	1.22	0.85	-0.37	0	0	0	0	0	0	0	0
2/21/2024 14:48	42001 MNVL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/21/2024 14:49	41901 REED_T1	7	11	4	0.2	0.37	0.17	0	0	0	0	0	0	0	0
2/21/2024 14:49	54202 PENN_T2	105	264	159	0.22	0.21	-0.01	0	0	0	0	0	0	0	0
2/21/2024 14:49	65003 NEFF_T2	1	0	-1	0.2	0	-0.2	0	0	0	0	0	0	0	0
2/21/2024 14:49	50506 MECH_T1	234	436	202	0.15	0.16	0.01	0	0	0	0	0	0	0	0
2/21/2024 14:49	64802 MONE_T2	231	191	-40	0.25	0.24	-0.01	0	0	0	0	0	0	0	0
2/21/2024 14:49	17002 RIRO_T2	14	20	6	0.17	0.16	-0.01	0	0	0	0	0	0	0	0
2/21/2024 14:50	50701 SMEC_T1	7	8	1	0.89	0.73	-0.16	0	0	0	0	0	0	0	0
2/21/2024 14:50	58402 MORO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/21/2024 14:51	41903 REED_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/21/2024 14:51	65005 NEFF_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/21/2024 14:51	54204 PENN_T2	2	2	0	0.3	0.4	0.1	0	0	0	0	0	0	0	0
2/21/2024 14:51	57401 SPAN_T1	46	6	-40	0.2	0.63	0.43	0	0	0	0	0	0	0	0
2/21/2024 14:51	57402 SPAN_T2	17	33	16	0.14	0.12	-0.02	0	0	0	0	0	0	0	0
2/21/2024 14:51	50701 SMEC_T1	7	8	1	0.89	0.73	-0.16	0	0	0	0	0	0	0	0
2/21/2024 14:51	46701 RENO_T1	163	4	-159	0.4	2.15	1.75	0	0	0	0	0	0	0	0
2/21/2024 14:51	43001 ALWD_T1	15	16	1	0.35	0.32	-0.03	0	0	0	0	0	0	0	0
2/21/2024 14:52	27503 WEIS_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/21/2024 14:52	54504 ENOL_T2	1	0	-1	0.2	0	-0.2	0	0	0	0	0	0	0	0
2/21/2024 14:53	43001 ALWD_T1	15	16	1	0.35	0.32	-0.03	0	0	0	0	0	0	0	0
2/21/2024 14:53	27503 WEIS_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/21/2024 14:54	57403 SPAN_T1	75	29	-46	0.27	0.32	0.05	0	0	0	0	0	0	0	0
2/21/2024 14:54	67401 WAKE_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/21/2024 14:56	47202 FAKO_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/21/2024 14:58	54502 ENOL_T2	9	15	6	0.16	0.13	-0.03	0	0	0	0	0	0	0	0
2/21/2024 14:58	43001 ALWD_T1	15	16	1	0.35	0.32	-0.03	0	0	0	0	0	0	0	0
2/21/2024 14:59	24104 EHAZ_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/21/2024 14:59	67401 WAKE_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/21/2024 14:59	13502 MCMI_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/21/2024 15:00	54505 ENOL_T2	2	2	0	1.2	1	-0.2	0	0	0	0	0	0	0	0
2/21/2024 15:00	25502 MADI_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/21/2024 15:00	54503 ENOL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/21/2024 15:01	46506 LOHA_T1	298	221	-77	0.38	0.29	-0.09	0	0	0	0	0	0	0	0
2/21/2024 15:02	54505 ENOL_T2	2	2	0	1.2	1	-0.2	0	0	0	0	0	0	0	0
2/21/2024 15:02	13502 MCMI_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/21/2024 15:02	46504 LOHA_T1	264	149	-115	0.32	0.21	-0.11	0	0	0	0	0	0	0	0
2/21/2024 15:02	50504 MECH_T1	212	305	93	0.2	0.2	0	0	0	0	0	0	0	0	0
2/21/2024 15:02	13503 MCMI_T2	83	18	-65	0.27	0.19	-0.08	0	0	0	0	0	0	0	0
2/21/2024 15:03	47802 MOCA_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/21/2024 15:03	50506 MECH_T1	334	638	304	0.16	0.19	0.03	0	0	0	0	0	0	0	0
2/21/2024 15:03	46504 LOHA_T1	264	149	-115	0.32	0.21	-0.11	0	0	0	0	0	0	0	0
2/21/2024 15:04	67402 WAKE_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/21/2024 15:04	24103 EHAZ_T1	2	1	-1	0.2	0	-0.2	0	0	0	0	0	0	0	0
2/21/2024 15:04	13503 MCMI_T2	83	18	-65	0.27	0.19	-0.08	0	0	0	0	0	0	0	0
2/21/2024 15:05	43802 SWIL_T1	1	0	-1	0.2	0	-0.2	0	0	0	0	0	0	0	0
2/21/2024 15:06	14404 SSLA_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/21/2024 15:07	43801 SWIL_T1	37	40	3	0.35	0.35	0	0	0	0	0	0	0	0	0
2/21/2024 15:08	43001 ALWD_T1	16	17	1	0.31	0.3	-0.01	0	0	0	0	0	0	0	0
2/21/2024 15:09	24102 EHAZ_T1	3	3	0	0.9	0.85	-0.05	0	0	0	0	0	0	0	0
2/21/2024 15:09	67401 WAKE_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/21/2024 15:13	54505 ENOL_T2	2	2	0	1.2	1	-0.2	0	0	0	0	0	0	0	0
2/21/2024 15:13	43001 ALWD_T1	16	17	1	0.31	0.3	-0.01	0	0	0	0	0	0	0	0
2/21/2024 15:14	46505 LOHA_T1	3	2	-1	0.13	0.1	-0.03	0	0	0	0	0	0	0	0
2/21/2024 15:14	24102 EHAZ_T1	3	3	0	0.9	0.85	-0.05	0	0	0	0	0	0	0	0
2/21/2024 15:14	46801 HEPB_T2	2	2	0	0.6	0.5	-0.1	0	0	0	0	0	0	0	0
2/21/2024 15:16	46505 LOHA_T1	2	0	-2	0.1	0	-0.1	0	0	0	0	0	0	0	0
2/21/2024 15:17	47401 PENS_T1	1	1	0	2.1	1.9	-0.2	0	0	0	0	0	0	0	0
2/21/2024 15:17	60605 NCOL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/21/2024 15:17	42903 MIDD_T2	2	2	0	0.7	0.9	0.2	0	0	0	0	0	0	0	0
2/21/2024 15:18	58401 MORO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/21/2024 15:19	60605 NCOL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/21/2024 15:20	58401 MORO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/21/2024 15:21	47401 PENS_T1	1	1	0	0.7	0.8	0.1	0	0	0	0	0	0	0	0
2/21/2024 15:21	67401 WAKE_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/21/2024 15:22	47402 PENS_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/21/2024 15:23	46003 BERW_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/21/2024 15:24	43001 ALWD_T1	13	18	5	0.25	0.31	0.06	0	0	0	0	0	0	0	0
2/21/2024 15:25	24102 EHAZ_T1	2	3	1	0.85	0.7	-0.15	0	0	0	0	0	0	0	0
2/21/2024 15:26	67401 WAKE_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/21/2024 15:27	53902 HALI_T2	1	1	0	5.7	5.6	-0.1	0	0	0	0	0	0	0	0
2/21/2024 15:28	65004 NEFF_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/21/2024 15:29	53903 HALI_T2	7	5	-2	0.91	1.1	0.19	0	0	0	0	0	0	0	0
2/21/2024 15:30	24105 EHAZ_T1	4	4	0	5.43	5.55	0.12	0	0	0	0	0	0	0	0
2/21/2024 15:30	43001 ALWD_T1	17	17	0	0.3	0.28	-0.02	0	0	0	0	0	0	0	0
2/21/2024 15:33	47401 PENS_T1	1	1	0	0.6	0.8	0.2	0	0	0	0	0	0	0	0
2/21/2024 15:33	42002 MNVL_T2	1	1	0	6.9	7	0.1	0	0	0	0	0	0	0	0
2/21/2024 15:33	58402 MORO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/21/2024 15:35	47403 PENS_T1	1	0	-1	1.9	0	-1.9	0	0	0	0	0	0	0	0
2/21/2024 15:35	59202 THOM_T1	502	549	47	0.56	0.56	0	0	0	0	0	0	0	0	0
2/21/2024 15:36	67401 WAKE_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/21/2024 15:38	59201 THOM_T1	69	62	-7	0.41	0.4	-0.01	0	0	0	0	0	0	0	0
2/21/2024 15:39	59202 THOM_T1	502	549	47	0.56	0.56	0	0	0	0	0	0	0	0	0
2/21/2024 15:40	43001 ALWD_T1	17	17	0	0.3	0.28	-0.02	0	0	0	0	0	0	0	0
2/21/2024 15:41	59201 THOM_T1	69	62	-7	0.41	0.4	-0.01	0	0	0	0	0	0	0	0
2/21/2024 15:41	67401 WAKE_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/21/2024 15:45	43001 ALWD_T1	16	15	-1	0.24	0.37	0.13	0	0	0	0	0	0	0	0
2/21/2024 15:

2/21/2024 19:37	17002 RIRO_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
2/21/2024 19:40	29402 BELT_T1	1	1	0	7.2	7.5	0.3	0	0	0	0	0	0	0
2/21/2024 19:40	13302 ORVI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
2/21/2024 19:40	16101 BING_T2	133	118	-15	0.92	0.79	-0.13	0	0	0	0	0	0	0
2/21/2024 19:41	29402 BELT_T1	1	1	0	7.2	7.5	0.3	0	0	0	0	0	0	0
2/21/2024 19:41	47802 MOCA_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
2/21/2024 19:42	56802 BENV_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
2/21/2024 19:43	28703 HAML_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
2/21/2024 19:43	29401 BELT_T1	38	34	-4	0.23	0.19	-0.04	0	0	0	0	0	0	0
2/21/2024 19:43	17802 GILB_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
2/21/2024 19:44	29401 BELT_T1	38	34	-4	0.23	0.19	-0.04	0	0	0	0	0	0	0
2/21/2024 19:44	10801 CHHI_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
2/21/2024 19:44	10805 CHHI_T2	12	13	1	2.47	1.9	-0.57	0	0	0	0	0	0	0
2/21/2024 19:45	26402 INOR_T1	0	1	1	0	0.1	0.1	0	0	0	0	0	0	0
2/21/2024 19:45	42001 MNVL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
2/21/2024 19:45	62604 ENGL_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
2/21/2024 19:45	13501 MCMI_T1	2	3	1	3.4	3	-0.4	0	0	0	0	0	0	0
2/21/2024 19:45	28805 LAKE_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
2/21/2024 19:45	16302 ALPA_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
2/21/2024 19:46	17805 GILB_T2	1	1	0	1.1	0	-1.1	0	0	0	0	0	0	0
2/21/2024 19:46	29402 BELT_T1	1	1	0	7.3	7.5	0.2	0	0	0	0	0	0	0
2/21/2024 19:46	27503 WEIS_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
2/21/2024 19:46	15001 BLMO_T1	0	2	2	0	0.3	0.3	0	0	0	0	0	0	0
2/21/2024 19:47	13302 ORVI_T2	0	1	1	0	0	0	0	0	0	0	0	0	0
2/21/2024 19:47	53903 HALI_T2	2	2	0	0.8	1	0.2	0	0	0	0	0	0	0
2/21/2024 19:47	56504 ROCK_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
2/21/2024 19:47	46203 DANV_T2	21	49	28	0.38	0.31	-0.07	0	0	0	0	0	0	0
2/21/2024 19:47	67001 STHI_T2	0	1	1	0	0.1	0.1	0	0	0	0	0	0	0
2/21/2024 19:47	13503 MCMI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
2/21/2024 19:47	13501 MCMI_T1	2	3	1	3.4	3	-0.4	0	0	0	0	0	0	0
2/21/2024 19:47	44601 SALE_T2	0	1	1	0	0	0	0	0	0	0	0	0	0
2/21/2024 19:48	14402 SSLA_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
2/21/2024 19:48	58001 WCAR_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
2/21/2024 19:48	17801 GILB_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
2/21/2024 19:48	56501 ROCK_T2	2	2	0	0.6	0.6	0	0	0	0	0	0	0	0
2/21/2024 19:48	52006 LING_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
2/21/2024 19:48	29401 BELT_T1	28	41	13	0.18	0.21	0.03	0	0	0	0	0	0	0
2/21/2024 19:48	25404 LAHA_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
2/21/2024 19:48	10704 CATA_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
2/21/2024 19:48	26402 INOR_T1	0	1	1	0	0.1	0.1	0	0	0	0	0	0	0
2/21/2024 19:48	61301 EARL_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
2/21/2024 19:48	64703 LITI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
2/21/2024 19:48	56501 ROCK_T2	2	2	0	0.6	0.6	0	0	0	0	0	0	0	0
2/21/2024 19:48	10805 CHHI_T2	13	13	0	2.22	1.81	-0.41	0	0	0	0	0	0	0
2/21/2024 19:49	20402 ASHF_T2	1	1	0	1.6	0	-1.6	0	0	0	0	0	0	0
2/21/2024 19:49	54504 ENOL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
2/21/2024 19:49	13501 MCMI_T1	2	3	1	3.4	3	-0.4	0	0	0	0	0	0	0
2/21/2024 19:49	46506 LOHA_T1	0	1	1	0	0.3	0.3	0	0	0	0	0	0	0
2/21/2024 19:49	17801 GILB_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
2/21/2024 19:49	29401 BELT_T1	28	41	13	0.18	0.21	0.03	0	0	0	0	0	0	0
2/21/2024 19:49	28602 BLYT_T2	2	0	-2	0.3	0	-0.3	0	0	0	0	0	0	0
2/21/2024 19:49	67502 WEWI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
2/21/2024 19:49	48302 ORWI_T2	2	2	0	1	1.1	0.1	0	0	0	0	0	0	0
2/21/2024 19:49	25502 MADI_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
2/21/2024 19:49	43802 SWIL_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
2/21/2024 19:49	42401 GIMA_T1	0	2	2	0	0.1	0.1	0	0	0	0	0	0	0
2/21/2024 19:49	53902 HALI_T2	1	1	0	4.8	4.8	0	0	0	0	0	0	0	0
2/21/2024 19:49	10805 CHHI_T2	13	13	0	2.22	1.81	-0.41	0	0	0	0	0	0	0
2/21/2024 19:50	59202 THOM_T1	1	1	0	0.1	0	-0.1	0	0	0	0	0	0	0
2/21/2024 19:50	66502 SMAN_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
2/21/2024 19:50	17802 GILB_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
2/21/2024 19:50	43301 WATS_T2	0	1	1	0	0	0	0	0	0	0	0	0	0
2/21/2024 19:50	46502 LOHA_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
2/21/2024 19:50	67001 STHI_T2	0	1	1	0	0.1	0.1	0	0	0	0	0	0	0
2/21/2024 19:50	61102 BERK_T5	0	0	0	0	0	0	0	0	0	0	0	0	0
2/21/2024 19:50	67002 STHI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
2/21/2024 19:50	52006 LING_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
2/21/2024 19:50	55001 NEWP_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
2/21/2024 19:50	54505 ENOL_T2	1	1	0	0.2	0.3	0.1	0	0	0	0	0	0	0
2/21/2024 19:50	57403 SPAN_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
2/21/2024 19:50	47203 FAXO_T2	1	1	0	0.5	0.5	0	0	0	0	0	0	0	0
2/21/2024 19:50	43802 SWIL_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
2/21/2024 19:50	50701 SMEC_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
2/21/2024 19:50	53902 HALI_T2	1	1	0	4.8	4.8	0	0	0	0	0	0	0	0
2/21/2024 19:50	54202 PENN_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
2/21/2024 19:50	13503 MCMI_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
2/21/2024 19:50	56802 BENV_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
2/21/2024 19:50	15001 BLMO_T1	0	2	2	0	0.3	0.3	0	0	0	0	0	0	0
2/21/2024 19:50	40101 HUNT_T2	204	185	-19	0.63	0.51	-0.12	0	0	0	0	0	0	0
2/21/2024 19:50	16302 ALPA_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
2/21/2024 19:50	29401 BELT_T1	28	41	13	0.18	0.21	0.03	0	0	0	0	0	0	0
2/21/2024 19:50	59402 RFLD_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
2/21/2024 19:51	54503 ENOL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
2/21/2024 19:51	54502 ENOL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
2/21/2024 19:51	45501 DERR_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
2/21/2024 19:51	64201 KINZ_T1	1	1	0	0.2	0.6	0.4	0	0	0	0	0	0	0
2/21/2024 19:51	50701 SMEC_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
2/21/2024 19:51	46202 DANV_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
2/21/2024 19:51	42902 MIDD_T2	1	3	2	0.1	0	-0.1	0	0	0	0	0	0	0
2/21/2024 19:51	40603 PIGR_T1	1	0	-1	0.7	0	-0.7	0	0	0	0	0	0	0
2/21/2024 19:51	64203 KINZ_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
2/21/2024 19:51	57401 SPAN_T1	0	2	2	0	0.2	0.2	0	0	0	0	0	0	0
2/21/2024 19:51	54202 PENN_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
2/21/2024 19:51	41802 GOCI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
2/21/2024 19:51	65502 MOJO_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
2/21/2024 19:51	56803 BENV_T1	11	14	3	0.25	0.43	0.18	0	0	0	0	0	0	0
2/21/2024 19:51	13503 MCMI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
2/21/2024 19:51	40502 CRES_T2	12	15	3	0.17	0.25	0.08	0	0	0	0	0	0	0
2/21/2024 19:51	51601 DUKE_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
2/21/2024 19:51	67001 STHI_T2	0	1	1	0	0.1	0.1	0	0	0	0	0	0	0
2/21/2024 19:52	51101 CARL_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
2/21/2024 19:52	46502 LOHA_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
2/21/2024 19:52	45702 LIND_T2	1	1	0	1.7	1.3	-0.4	0	0	0	0	0	0	0
2/21/2024 19:52	67502 WEWI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
2/21/2024 19:52	57403 SPAN_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
2/21/2024 19:52	43304 WATS_T2	1	1	0	0.9	0	-0.9	0	0	0	0	0	0	0
2/21/2024 19:52	56504 ROCK_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
2/21/2024 19:52	29402 BELT_T1	1	1	0	7.3	7.5	0.2	0	0	0	0	0	0	0
2/21/2024 19:52	47403 PENS_T1	1	1	0	1.8	1.9	0.1	0	0	0	0	0	0	0
2/21/2024 19:52	40101 HUNT_T2	204	185	-19	0.63	0.51	-0.12	0	0	0	0	0	0	0
2/21/2024 19:52	45601 WOOL_T1	0	2	2	0	0	0	0	0	0	0	0	0	0
2/21/2024 19:52	65502 MOJO_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
2/21/2024 19:52	65005 NEFF_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
2/21/2024 19:52	54501 ENOL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
2/21/2024 19:52	46502 LOHA_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
2/21/2024 19:52	49804 UNIV_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
2/21/2024 19:52	45501 DERR_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
2/21/2024 19:52	42002 MNVS_T2	1	1	0	5.8	5.8	0	0	0	0	0	0	0	0
2/21/2024 19:52	53903 HALI_T2	2	2	0	0.8	1	0.2	0	0	0	0	0	0	0
2/21/2024 19:52	64203 KINZ_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
2/21/2024 19:52	46302 ROHR_T1	5	3	-2	0.36	0.37	0.01	0	0	0	0	0	0	0
2/21/2024 19:52	56801 BENV_T1	11	12	1	0.64	0.85	0.21	0	0	0	0	0	0	0
2/21/2024 19:52	43303 WATS_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
2/21/2024 19:52	60201 ATGL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
2/21/2024 19:52	56501 ROCK_T2	2	2	0	0.6	0.6	0	0	0	0	0	0	0	0
2/21/2024 19:52	56802 BENV_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
2/21/2024 19:52	41802 GOCI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
2/21/2024 19:52	44601 SALE_T2	0	1	1	0	0	0	0	0	0	0	0	0	0
2/21/2024 19:52	43402 BENT_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
2/21/2024 19:52	44302 BEAV_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
2/21/2024 19:53	57301 MOAL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
2/21/2024 19:53	50503 MECH_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
2/21/2024 19:53	58003 WCAR_T1	1	1	0	0.5	0.7	0.2	0	0	0	0	0	0	0
2/21/2024 19:53	43302 WATS_T2	4	4	0	0.5	0.45	-0.05	0	0	0	0	0	0	0
2/21/2024 19:53	60801 BUCK_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
2/21/2024 19:53	54504 ENOL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
2/21/2024 19:53	45502 DERR_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
2/21/2024 19:53	59102 WALK_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
2/21/2024 19:53	15001 BLMO_T1	0	2	2	0	0.3	0.3	0	0	0	0	0	0	0
2/21/2024 19:53	56802 BENV_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
2/21/2024 19:53	51102 CARL_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
2/21/2024 19:53	40602 PIGR_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
2/21/2024 19:53	43202 MVIL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
2/21/2024 19:53	46002 BERW_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
2/21/2024 19:53	52202 DEVO_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
2/21/2024 19:53	56504 ROCK_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
2/21/2024 19:53	56503 ROCK_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
2/21/2024 19:53	58401 MORO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
2/21/2024 19:53	42201 SHEN_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
2/21/2024 19:53	10702 CATA_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
2/21/2024 19:53	67603 WARW_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
2/21/2024 19:53	17803 GILB_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
2/21/2024 19:53	42902 MIDD_T2	1	3	2	0.1	0	-0.1	0	0	0	0	0	0	0
2/21/2024 19:53	53602 DALM_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
2/21/2024 19:53	45402 WBLO_T2	0	1	1	0	0.5	0.5	0	0	0	0	0	0	0
2/21/2024 19:53	55002 NEWP_T1	4	4	0	0.53	0.63	0.1	0	0	0	0	0	0	0
2/21/2024 19:53	59201 THOM_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
2/21/2024 19:54	67502 WEWI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
2/21/2024 19:54	54505 ENOL_T2	1	1	0	0.2	0.3	0.1	0	0	0	0	0	0	0
2/21/2024 19:54	56504 ROCK_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
2/21/2024 19:54	44301 BEAV_T2	1	1	0	0.1	0	-0.1	0	0	0	0	0	0	0
2/21/2024 19:54	43304 WATS_T2	1	1	0	0.9	0	-0.9	0	0	0	0	0	0	0
2/21/2024 19:54	13302 ORVI_T2	0	1	1	0	0	0	0	0	0	0	0	0	0
2/21/2024 19:54	49803 UNIV_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
2/21/2024 19:54	54504 ENOL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
2/21/2024 19:54	65005 NEFF_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
2/21/2024 19:54	14403 SSLA_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
2/21/2024 19:54	60801 BUCK_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
2/21/2024 19:54	64802 MONE_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
2/21/2024 19:54	48303 ORWI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
2/21/2024 19:54	67603 WARW_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
2/21/2024 19:54	51601 DUKE_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
2/21/2024 19:54	46701 RENO_T1	3	1	-2	2.7	7.9	5.2	0	0	0	0	0	0	0
2/21/2024 19:54	67505 WEWI_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
2/21/2024 19:54	53902 HALI_T2	1	1	0	4.8	4.8	0	0	0	0	0	0	0	0
2/21/2024 19:54	57403 SPAN_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
2/21/2024 19:54	57404 SPAN_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
2/21/2024 19:54	64203 KINZ_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
2/21/2024 19:54	56802 BENV_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
2/21/2024 19:54	44301 BEAV_T2	1	1	0	0.1	0	-0.1	0	0	0	0	0	0	0
2/21/2024 19:54	64703 LITI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
2/21/2024 19:54	10801 CHHI_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
2/21/2024 19:54	58001 WCAR_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
2/21/2024 19:54	60701 BREC_T1	0	1	1	0	0	0	0	0	0	0	0	0	0
2/21/2024 19:54	65801 RTWN_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
2/21/2024 19:54	61701 ELIZ_T1	1	1	0	3.5	3.7	0.2	0	0	0	0	0	0	0
2/21/2024 19:54	43001 ALWD_T1	7	10	3	0.2	0.29	0.09	0	0	0	0	0	0	0
2/21/2024 19:55	50504 MECH_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
2/21/2024 19:55	43303 WATS_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
2/21/2024 19:55	42902 MIDD_T2	1	3	2	0.1	0	-0.1	0	0	0	0	0	0	0
2/21/2024 19:55	55002 NEWP_T1	4	4	0	0.53	0.63	0.1	0	0	0	0	0	0	0
2/21/2024 19:55	53102 WTWN_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
2/21/2024 19:55	41902 REED_T1	21	13	-8	0.7	0.49	-0.21	0	0	0	0	0	0	0
2/21/2024 19:55	60801 BUCK_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
2/21/2024 19:55	64301 LINC_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
2/21/2024 19:55	46506 LO

2/21/2024 19:56	41601 CLEV_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
2/21/2024 19:56	54504 ENOL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
2/21/2024 19:56	57401 SPAN_T1	0	2	2	0	0.2	0.2	0	0	0	0	0	0	0
2/21/2024 19:56	23901 EFMO_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
2/21/2024 19:56	59202 THOM_T1	1	1	0	0.1	0	-0.1	0	0	0	0	0	0	0
2/21/2024 19:56	56503 ROCK_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
2/21/2024 19:56	67503 WEWI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
2/21/2024 19:56	67304 TEHI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
2/21/2024 19:56	44701 MUNC_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
2/21/2024 19:56	45402 WBLO_T2	0	1	1	0	0.5	0.5	0	0	0	0	0	0	0
2/21/2024 19:56	13701 SCHN_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
2/21/2024 19:56	59402 RFLD_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
2/21/2024 19:57	54502 ENOL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
2/21/2024 19:57	54505 ENOL_T2	1	1	0	0.2	0.3	0.1	0	0	0	0	0	0	0
2/21/2024 19:57	67505 WEWI_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
2/21/2024 19:57	57401 SPAN_T1	0	2	2	0	0.2	0.2	0	0	0	0	0	0	0
2/21/2024 19:57	20402 ASHF_T2	1	1	0	1.6	0	-1.6	0	0	0	0	0	0	0
2/21/2024 19:57	58703 ROSE_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
2/21/2024 19:57	60605 NCOL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
2/21/2024 19:57	67502 WEWI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
2/21/2024 19:57	67001 STHI_T2	0	1	1	0	0.1	0.1	0	0	0	0	0	0	0
2/21/2024 19:57	43303 WATS_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
2/21/2024 19:57	56803 BENV_T1	11	14	3	0.25	0.43	0.18	0	0	0	0	0	0	0
2/21/2024 19:57	65903 SAKR_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
2/21/2024 19:57	67401 WAKE_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
2/21/2024 19:57	54503 ENOL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
2/21/2024 19:57	40903 JESH_T1	3	21	18	0.17	0.11	-0.06	0	0	0	0	0	0	0
2/21/2024 19:57	56504 ROCK_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
2/21/2024 19:57	41801 GOCI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
2/21/2024 19:57	40603 PIGR_T1	1	0	-1	0.7	0	-0.7	0	0	0	0	0	0	0
2/21/2024 19:57	51601 DUKE_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
2/21/2024 19:57	54202 PENN_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
2/21/2024 19:57	53101 WTWN_T1	1	1	0	1.6	1.8	0.2	0	0	0	0	0	0	0
2/21/2024 19:57	56802 BENV_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
2/21/2024 19:58	54202 PENN_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
2/21/2024 19:58	57401 SPAN_T1	0	2	2	0	0.2	0.2	0	0	0	0	0	0	0
2/21/2024 19:58	54503 ENOL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
2/21/2024 19:58	64305 LINC_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
2/21/2024 19:58	61503 EFET_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
2/21/2024 19:58	46803 HEPB_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
2/21/2024 19:58	56801 BENV_T1	11	12	1	0.64	0.85	0.21	0	0	0	0	0	0	0
2/21/2024 19:58	56503 ROCK_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
2/21/2024 19:58	40902 JESH_T1	7	9	2	0.19	0.19	0	0	0	0	0	0	0	0
2/21/2024 19:58	40101 HUNT_T2	204	185	-19	0.63	0.51	-0.12	0	0	0	0	0	0	0
2/21/2024 19:58	67201 TEHI_T1	69	0	-69	0.28	0	-0.28	0	0	0	0	0	0	0
2/21/2024 19:58	56503 ROCK_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
2/21/2024 19:58	56501 ROCK_T2	2	2	0	0.6	0.6	0	0	0	0	0	0	0	0
2/21/2024 19:58	56601 HAMP_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
2/21/2024 19:58	67002 STHI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
2/21/2024 19:58	59102 WALK_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
2/21/2024 19:58	60701 BREC_T1	0	1	1	0	0	0	0	0	0	0	0	0	0
2/21/2024 19:59	56503 ROCK_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
2/21/2024 19:59	47402 PENS_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
2/21/2024 19:59	67502 WEWI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
2/21/2024 19:59	54505 ENOL_T2	1	1	0	0.2	0.3	0.1	0	0	0	0	0	0	0
2/21/2024 19:59	56803 BENV_T1	11	14	3	0.25	0.43	0.18	0	0	0	0	0	0	0
2/21/2024 19:59	66701 STRA_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
2/21/2024 19:59	54504 ENOL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
2/21/2024 19:59	40603 PIGR_T1	1	0	-1	0.7	0	-0.7	0	0	0	0	0	0	0
2/21/2024 19:59	59003 MIFF_T1	1	1	0	0.2	0.3	0.1	0	0	0	0	0	0	0
2/21/2024 19:59	58402 MORO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
2/21/2024 19:59	50504 MECH_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
2/21/2024 19:59	58003 WCAR_T1	1	1	0	0.5	0.7	0.2	0	0	0	0	0	0	0
2/21/2024 19:59	46505 LOHA_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
2/21/2024 19:59	41903 REED_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
2/21/2024 19:59	40101 HUNT_T2	204	185	-19	0.63	0.51	-0.12	0	0	0	0	0	0	0
2/21/2024 20:00	54503 ENOL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
2/21/2024 20:00	56501 ROCK_T2	2	2	0	0.8	0.5	-0.3	0	0	0	0	0	0	0
2/21/2024 20:00	54504 ENOL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
2/21/2024 20:00	47402 PENS_T1	0	1	1	0	0	0	0	0	0	0	0	0	0
2/21/2024 20:00	56504 ROCK_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
2/21/2024 20:00	65002 NEFF_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
2/21/2024 20:00	15001 BLMO_T1	2	2	0	0.3	0.95	0.65	0	0	0	0	0	0	0
2/21/2024 20:00	67001 STHI_T2	1	1	0	0.1	0.2	0.1	0	0	0	0	0	0	0
2/21/2024 20:00	56603 HAMP_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
2/21/2024 20:01	43303 WATS_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
2/21/2024 20:01	54503 ENOL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
2/21/2024 20:01	64802 MONE_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
2/21/2024 20:01	54701 NEBL_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
2/21/2024 20:01	58401 MORO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
2/21/2024 20:01	44302 BEAV_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
2/21/2024 20:01	56802 BENV_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
2/21/2024 20:02	46701 RENO_T1	1	1	0	7.8	8	0.2	0	0	0	0	0	0	0
2/21/2024 20:02	50502 MECH_T1	1	1	0	1.8	1.9	0.1	0	0	0	0	0	0	0
2/21/2024 20:02	58401 MORO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
2/21/2024 20:02	50701 SMEC_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
2/21/2024 20:02	53902 HAU_T2	1	1	0	4.8	4.9	0.1	0	0	0	0	0	0	0
2/21/2024 20:02	61703 ELIZ_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
2/21/2024 20:02	56501 ROCK_T2	2	2	0	0.8	0.5	-0.3	0	0	0	0	0	0	0
2/21/2024 20:03	54502 ENOL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
2/21/2024 20:03	40502 CRES_T2	7	19	12	0.16	0.26	0.1	0	0	0	0	0	0	0
2/21/2024 20:03	57401 SPAN_T1	1	2	1	0.1	0.2	0.1	0	0	0	0	0	0	0
2/21/2024 20:03	40101 HUNT_T2	180	151	-29	0.6	0.4	-0.2	0	0	0	0	0	0	0
2/21/2024 20:03	46301 ROHR_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
2/21/2024 20:04	59102 WALK_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
2/21/2024 20:04	54206 PENN_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
2/21/2024 20:04	56504 ROCK_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
2/21/2024 20:12	51101 CARL_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
2/21/2024 20:16	60102 COCA_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
2/21/2024 20:27	65004 NEFF_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
2/21/2024 20:29	53901 HAU_T2	1	3	2	0.1	0.17	0.07	0	0	0	0	0	0	0
2/21/2024 21:04	65001 NEFF_T2	2	52	50	0.1	0.13	0.03	0	0	0	0	0	0	0
2/21/2024 21:08	60701 BREC_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
2/21/2024 21:46	65003 NEFF_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
2/21/2024 21:49	57306 MOAL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
2/21/2024 21:49	57401 SPAN_T1	2	2	0	0.7	0.55	-0.15	0	0	0	0	0	0	0
2/21/2024 22:16	65005 NEFF_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
2/21/2024 23:20	13503 MCMI_T2	29	28	-1	0.27	0.23	-0.04	0	0	0	0	0	0	0
2/21/2024 23:30	51601 DUKE_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
2/21/2024 23:55	65002 NEFF_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
2/22/2024 0:34	65005 NEFF_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
2/22/2024 1:10	65005 NEFF_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
2/22/2024 1:31	65002 NEFF_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
2/22/2024 1:42	65002 NEFF_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
2/22/2024 2:24	65002 NEFF_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
2/22/2024 3:39	65005 NEFF_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
2/22/2024 4:47	65004 NEFF_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
2/22/2024 7:02	59202 THOM_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
2/22/2024 7:03	65005 NEFF_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
2/22/2024 7:39	65004 NEFF_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
2/22/2024 7:52	43401 BENT_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
2/22/2024 7:54	45502 DERR_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
2/22/2024 7:56	43401 BENT_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
2/22/2024 8:01	40101 HUNT_T2	132	40	-92	0.44	0.43	-0.01	0	0	0	0	0	0	0
2/22/2024 8:04	59002 MIFF_T1	0	3	3	0	0.3	0.3	0	0	0	0	0	0	0
2/22/2024 8:11	65003 NEFF_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
2/22/2024 8:15	58401 MORO_T1	0	1	1	0	0	0	0	0	0	0	0	0	0
2/22/2024 8:18	58401 MORO_T1	0	1	1	0	0	0	0	0	0	0	0	0	0
2/22/2024 8:18	46702 RENO_T1	129	169	40	0.31	0.34	0.03	0	0	0	0	0	0	0
2/22/2024 8:21	13905 SEID_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
2/22/2024 8:22	29402 BELT_T1	1	1	0	8.3	8.2	-0.1	0	0	0	0	0	0	0
2/22/2024 8:23	49804 UNIV_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
2/22/2024 8:25	46203 DANV_T2	15	21	6	0.28	0.29	0.01	0	0	0	0	0	0	0
2/22/2024 8:29	25404 LAHA_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
2/22/2024 8:31	13502 MCMI_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
2/22/2024 8:32	65002 NEFF_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
2/22/2024 8:39	59102 WALK_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
2/22/2024 8:41	40502 CRES_T2	20	11	-9	0.27	0.19	-0.08	0	0	0	0	0	0	0
2/22/2024 8:42	53601 DALM_T2	1	1	0	0.8	0.8	0	0	0	0	0	0	0	0
2/22/2024 8:46	57303 MOAL_T2	1	1	0	7.1	7.9	0.8	0	0	0	0	0	0	0
2/22/2024 8:51	57301 MOAL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
2/22/2024 8:53	46202 DANV_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
2/22/2024 8:56	40501 CRES_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
2/22/2024 9:00	40603 PIGR_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
2/22/2024 9:00	65004 NEFF_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
2/22/2024 9:00	10801 CHHI_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
2/22/2024 9:00	52006 LING_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
2/22/2024 9:00	62602 ENGL_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
2/22/2024 9:00	42901 MIDD_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
2/22/2024 9:00	59201 THOM_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
2/22/2024 9:00	66302 MCGO_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
2/22/2024 9:00	47101 MARL_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
2/22/2024 9:00	41901 REED_T1	11	9	-2	0.46	0.5	0.04	0	0	0	0	0	0	0
2/22/2024 9:00	41801 GOCI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
2/22/2024 9:00	12304 LANA_T2	2	1	-1	0.8	0	-0.8	0	0	0	0	0	0	0
2/22/2024 9:00	13502 MCMI_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
2/22/2024 9:00	40504 CRES_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
2/22/2024 9:00	29402 BELT_T1	1	1	0	6.6	6.9	0.3	0	0	0	0	0	0	0
2/22/2024 9:00	40503 CRES_T2	7	12	5	0.14	0.16	0.02	0	0	0	0	0	0	0
2/22/2024 9:00	54601 SUMM_T2	2	3	1	0.3	0.43	0.13	0	0	0	0	0	0	0
2/22/2024 9:00	16103 BING_T2	1	1	0	0.5	0.4	-0.1	0	0	0	0	0	0	0
2/22/2024 9:00	43001 ALWD_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
2/22/2024 9:00	60801 BUCK_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
2/22/2024 9:00	17804 GILB_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
2/22/2024 9:00	59101 WALK_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
2/22/2024 9:00	67402 WAKE_T2	0	1	1	0	0	0	0	0	0	0	0	0	0
2/22/2024 9:00	56601 HAMP_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
2/22/2024 9:00	47101 MARL_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
2/22/2024 9:00	40101 HUNT_T2	101	281	180	0.42	0.47	0.05	0	0	0	0	0	0	0
2/22/2024 9:00	45501 DERR_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
2/22/2024 9:01	66701 STRA_T1	0	1	1	0	1	1	0	0	0	0	0	0	0
2/22/2024 9:01	64203 KINZ_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
2/22/2024 9:01	57301 MOAL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
2/22/2024 9:07	67101 SPRI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
2/22/2024 9:07	53502 EVIL_T2	1	1	0	0.5	0.2	-0.3	0	0	0	0	0	0	0
2/22/2024 9:07	24101 EHAZ_T1	57	65	8	1.88	1.8	-0.08	0	0	0	0	0	0	0
2/22/2024 9:07	46002 BERW_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
2/22/2024 9:07	58401 MORO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
2/22/2024 9:07	58003 WCAR_T1	0	1	1	0	0.3	0.3	0	0	0	0	0	0	0
2/22/2024 9:07	53902 HAU_T2	1	1	0	5.4	5.1	-0.3	0	0	0	0	0	0	0
2/22/2024 9:07	43001 ALWD_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
2/22/2024 9:07	60701 BREC_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
2/22/2024 9:08	58401 MORO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
2/22/2024 9:08	27503 WEIS_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
2/22/2024 9:09	46205 DANV_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
2/22/2024 9:09	43401 BENT_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
2/22/2024 9:10	43402 BENT_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
2/22/2024 9:11	54504 ENOL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
2/22/2024 9:12	46206 DANV_T2	4	1	-3	0.33	0	-0.33	0	0	0	0	0	0	0
2/22/2024 9:13	53602 DALM_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
2/22/2024 9:14	53902 HAU_T2	1	1	0	5.4	5.1	-0.3	0	0	0	0	0	0	0
2/22/2024 9:16	49804 UNIV_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
2/22/2024 9:16	25402 LAHA_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
2/22/2024 9:16	47802 MOCA_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
2/22/2024 9:17	40101 HUNT_T2	212	285	73	0.48	0.5	0.02	0	0	0	0	0	0	0
2/22/2024 9:18	13503 MCMI_T2	0	1	1	0	0.2

2/22/2024 9:48	56504 ROCK_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/22/2024 9:48	52004 LING_T2	1	1	0	1	0.9	-0.1	0	0	0	0	0	0	0	0
2/22/2024 9:50	55002 NEWP_T1	6	6	0	0.68	0.55	-0.13	0	0	0	0	0	0	0	0
2/22/2024 9:51	14404 SSLA_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/22/2024 9:53	14404 SSLA_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/22/2024 9:54	29402 BELT_T1	1	1	0	6.9	7.1	0.2	0	0	0	0	0	0	0	0
2/22/2024 9:54	29401 BELT_T1	39	36	-3	0.18	0.21	0.03	0	0	0	0	0	0	0	0
2/22/2024 9:54	10801 CHHI_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/22/2024 9:56	10805 CHHI_T2	6	9	3	1.73	1.59	-0.14	0	0	0	0	0	0	0	0
2/22/2024 10:01	57304 MOAL_T2	1	2	1	0.4	0.35	-0.05	0	0	0	0	0	0	0	0
2/22/2024 10:01	42002 MNVL_T2	1	1	0	7.4	7.5	0.1	0	0	0	0	0	0	0	0
2/22/2024 10:03	55001 NEWP_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/22/2024 10:04	43201 MVIL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/22/2024 10:04	67001 STHI_T2	7	230	223	0.24	0.13	-0.11	0	0	0	0	0	0	0	0
2/22/2024 10:04	67203 TEHI_T1	4	3	-1	0.13	0.35	0.22	0	0	0	0	0	0	0	0
2/22/2024 10:05	54202 PENN_T2	2	4	2	0.1	0.1	0	0	0	0	0	0	0	0	0
2/22/2024 10:05	57302 MOAL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/22/2024 10:05	67502 WEWI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/22/2024 10:05	67001 STHI_T2	7	230	223	0.24	0.13	-0.11	0	0	0	0	0	0	0	0
2/22/2024 10:05	55002 NEWP_T1	6	6	0	0.55	0.8	0.25	0	0	0	0	0	0	0	0
2/22/2024 10:06	67002 STHI_T2	4	46	42	0.15	0.27	0.12	0	0	0	0	0	0	0	0
2/22/2024 10:06	67402 WAKE_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/22/2024 10:07	67002 STHI_T2	4	46	42	0.15	0.27	0.12	0	0	0	0	0	0	0	0
2/22/2024 10:07	14404 SSLA_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/22/2024 10:07	67203 TEHI_T1	4	3	-1	0.13	0.35	0.22	0	0	0	0	0	0	0	0
2/22/2024 10:08	67002 STHI_T2	4	46	42	0.15	0.27	0.12	0	0	0	0	0	0	0	0
2/22/2024 10:08	45501 DERR_T2	0	1	1	0	0	0	0	0	0	0	0	0	0	0
2/22/2024 10:08	67402 WAKE_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/22/2024 10:08	29402 BELT_T1	1	1	0	7.1	6.8	-0.3	0	0	0	0	0	0	0	0
2/22/2024 10:08	59102 WALK_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/22/2024 10:10	67502 WEWI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/22/2024 10:11	29401 BELT_T1	36	21	-15	0.21	0.16	-0.05	0	0	0	0	0	0	0	0
2/22/2024 10:12	46201 DANV_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/22/2024 10:12	10801 CHHI_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/22/2024 10:13	64201 KINZ_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/22/2024 10:14	67402 WAKE_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/22/2024 10:15	64203 KINZ_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/22/2024 10:15	58401 MORO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/22/2024 10:16	65001 NEFF_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/22/2024 10:16	48302 ORWI_T2	2	2	0	1.2	1.4	0.2	0	0	0	0	0	0	0	0
2/22/2024 10:17	64202 KINZ_T1	4	3	-1	0.43	0.57	0.14	0	0	0	0	0	0	0	0
2/22/2024 10:17	54204 PENN_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/22/2024 10:19	54206 PENN_T2	4	6	2	0.18	0.2	0.02	0	0	0	0	0	0	0	0
2/22/2024 10:20	56504 ROCK_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/22/2024 10:20	65003 NEFF_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/22/2024 10:21	67002 STHI_T2	17	67	50	0.27	0.24	-0.03	0	0	0	0	0	0	0	0
2/22/2024 10:21	56503 ROCK_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/22/2024 10:21	48303 ORWI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/22/2024 10:22	67002 STHI_T2	17	67	50	0.27	0.24	-0.03	0	0	0	0	0	0	0	0
2/22/2024 10:22	15001 BLMO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/22/2024 10:23	67502 WEWI_T2	0	1	1	0	0.1	0.1	0	0	0	0	0	0	0	0
2/22/2024 10:24	67402 WAKE_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/22/2024 10:24	62601 ENGL_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/22/2024 10:24	15001 BLMO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/22/2024 10:25	56802 BENV_T2	1	12	11	0.6	0.23	-0.37	0	0	0	0	0	0	0	0
2/22/2024 10:26	46204 DANV_T2	1	0	-1	0.3	0	-0.3	0	0	0	0	0	0	0	0
2/22/2024 10:26	17803 GILB_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/22/2024 10:26	67502 WEWI_T2	0	1	1	0	0.1	0.1	0	0	0	0	0	0	0	0
2/22/2024 10:27	67503 WEWI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/22/2024 10:27	40502 CRES_T2	0	2	2	0	0.1	0.1	0	0	0	0	0	0	0	0
2/22/2024 10:28	17804 GILB_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/22/2024 10:28	13503 MCMI_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/22/2024 10:29	67402 WAKE_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/22/2024 10:29	40502 CRES_T2	0	2	2	0	0.1	0.1	0	0	0	0	0	0	0	0
2/22/2024 10:29	13503 MCMI_T2	1	6	5	0.1	0.15	0.05	0	0	0	0	0	0	0	0
2/22/2024 10:30	64801 MONE_T2	1	9	8	0.2	0.23	0.03	0	0	0	0	0	0	0	0
2/22/2024 10:31	17801 GILB_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/22/2024 10:31	58301 NOTT_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/22/2024 10:32	64101 REFR_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/22/2024 10:33	43001 ALWD_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/22/2024 10:33	40602 PIGR_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/22/2024 10:34	40603 PIGR_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/22/2024 10:34	56503 ROCK_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/22/2024 10:34	13503 MCMI_T2	6	6	0	0.15	0.12	-0.03	0	0	0	0	0	0	0	0
2/22/2024 10:36	59101 WALK_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/22/2024 10:36	40603 PIGR_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/22/2024 10:36	43301 WATS_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/22/2024 10:36	20401 ASHF_T2	3	3	0	0.3	0.3	0	0	0	0	0	0	0	0	0
2/22/2024 10:37	67002 STHI_T2	46	85	39	0.27	0.21	-0.06	0	0	0	0	0	0	0	0
2/22/2024 10:38	43303 WATS_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/22/2024 10:38	44301 BEAV_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/22/2024 10:38	67001 STHI_T2	230	350	120	0.13	0.15	0.02	0	0	0	0	0	0	0	0
2/22/2024 10:39	15001 BLMO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/22/2024 10:39	59101 WALK_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/22/2024 10:39	43001 ALWD_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/22/2024 10:40	67402 WAKE_T2	0	1	1	0	0.1	0.1	0	0	0	0	0	0	0	0
2/22/2024 10:40	67603 WARW_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/22/2024 10:41	65004 NEFF_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/22/2024 10:41	20401 ASHF_T2	3	3	0	0.3	0.3	0	0	0	0	0	0	0	0	0
2/22/2024 10:41	43304 WATS_T2	8	0	-8	0.34	0	-0.34	0	0	0	0	0	0	0	0
2/22/2024 10:41	52202 DEVO_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/22/2024 10:41	45802 HEGI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/22/2024 10:42	50105 HARR_T3	6	6	0	5.7	5.77	0.07	0	0	0	0	0	0	0	0
2/22/2024 10:44	43001 ALWD_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/22/2024 10:45	53902 HALI_T2	1	1	0	5.6	5.6	0	0	0	0	0	0	0	0	0
2/22/2024 10:45	67402 WAKE_T2	0	2	2	0	0.1	0.1	0	0	0	0	0	0	0	0
2/22/2024 10:45	28701 HAML_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/22/2024 10:46	50201 HARR_T3	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/22/2024 10:46	53903 HALI_T2	2	2	0	1.5	1.4	-0.1	0	0	0	0	0	0	0	0
2/22/2024 10:48	65604 QVIL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/22/2024 10:48	66505 SMAN_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/22/2024 10:48	46801 HEPB_T2	2	4	2	0.2	0.3	0.1	0	0	0	0	0	0	0	0
2/22/2024 10:49	26402 INOR_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/22/2024 10:50	67204 TEHI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/22/2024 10:50	65601 QVIL_T2	0	1	1	0	0	0	0	0	0	0	0	0	0	0
2/22/2024 10:50	67402 WAKE_T2	0	2	2	0	0.1	0.1	0	0	0	0	0	0	0	0
2/22/2024 10:51	26402 INOR_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/22/2024 10:51	60701 BREC_T1	1	0	-1	0.3	0	-0.3	0	0	0	0	0	0	0	0
2/22/2024 10:52	65004 NEFF_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/22/2024 10:52	57403 SPAN_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/22/2024 10:52	42601 TUSC_T1	19	24	5	0.58	0.35	-0.23	0	0	0	0	0	0	0	0
2/22/2024 10:52	29402 BELT_T1	1	1	0	7	7.5	0.5	0	0	0	0	0	0	0	0
2/22/2024 10:52	60701 BREC_T1	1	0	-1	0.3	0	-0.3	0	0	0	0	0	0	0	0
2/22/2024 10:53	42601 TUSC_T1	19	24	5	0.58	0.35	-0.23	0	0	0	0	0	0	0	0
2/22/2024 10:53	57403 SPAN_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/22/2024 10:54	57403 SPAN_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/22/2024 10:54	60801 BUCK_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/22/2024 10:55	29402 BELT_T1	1	1	0	7	7.5	0.5	0	0	0	0	0	0	0	0
2/22/2024 10:55	60803 BUCK_T1	2	3	1	0.35	0.17	-0.18	0	0	0	0	0	0	0	0
2/22/2024 10:55	43001 ALWD_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/22/2024 10:56	60201 ATGL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/22/2024 10:56	67402 WAKE_T2	0	2	2	0	0.1	0.1	0	0	0	0	0	0	0	0
2/22/2024 10:56	29402 BELT_T1	1	1	0	7	7.5	0.5	0	0	0	0	0	0	0	0
2/22/2024 10:56	23902 EFMO_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/22/2024 10:57	29402 BELT_T1	1	1	0	7	7.5	0.5	0	0	0	0	0	0	0	0
2/22/2024 10:57	60701 BREC_T1	1	0	-1	0.3	0	-0.3	0	0	0	0	0	0	0	0
2/22/2024 11:00	64202 KINZ_T1	3	3	0	0.43	0.57	0.14	0	0	0	0	0	0	0	0
2/22/2024 11:00	58402 MORO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/22/2024 11:00	40101 HUNT_T2	12	93	81	0.38	0.38	0	0	0	0	0	0	0	0	0
2/22/2024 11:00	43001 ALWD_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/22/2024 11:01	45402 WBLO_T2	1	0	-1	1.2	0	-1.2	0	0	0	0	0	0	0	0
2/22/2024 11:02	40101 HUNT_T2	12	93	81	0.38	0.38	0	0	0	0	0	0	0	0	0
2/22/2024 11:02	65005 NEFF_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/22/2024 11:03	58402 MORO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/22/2024 11:03	54001 SDLE_T1	4	7	3	0.33	0.87	0.54	0	0	0	0	0	0	0	0
2/22/2024 11:04	67002 STHI_T2	76	261	185	0.2	0.19	-0.01	0	0	0	0	0	0	0	0
2/22/2024 11:04	43302 WATS_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/22/2024 11:04	67001 STHI_T2	291	576	285	0.15	0.23	0.08	0	0	0	0	0	0	0	0
2/22/2024 11:05	43302 WATS_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/22/2024 11:05	54001 SDLE_T1	4	7	3	0.33	0.87	0.54	0	0	0	0	0	0	0	0
2/22/2024 11:05	57403 SPAN_T1	0	5	5	0	0.2	0.2	0	0	0	0	0	0	0	0
2/22/2024 11:05	53902 HALI_T2	1	1	0	5.6	5.4	-0.2	0	0	0	0	0	0	0	0
2/22/2024 11:05	56503 ROCK_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/22/2024 11:05	13302 ORVI_T2	0	3	3	0	0.43	0.43	0	0	0	0	0	0	0	0
2/22/2024 11:06	67402 WAKE_T2	1	1	0	0.1	0.1	0	0	0	0	0	0	0	0	0
2/22/2024 11:06	54001 SDLE_T1	4	7	3	0.33	0.87	0.54	0	0	0	0	0	0	0	0
2/22/2024 11:07	56803 BENV_T1	19	19	0	0.83	0.74	-0.09	0	0	0	0	0	0	0	0
2/22/2024 11:07	46003 BERW_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/22/2024 11:07	67002 STHI_T2	76	261	185	0.2	0.19	-0.01	0	0	0	0	0	0	0	0
2/22/2024 11:08	56801 BENV_T1	14	12	-2	0.87	0.89	0.02	0	0	0	0	0	0	0	0
2/22/2024 11:08	67002 STHI_T2	76	261	185	0.2	0.19	-0.01	0	0	0	0	0	0	0	0
2/22/2024 11:08	67001 STHI_T2	291	576	285	0.15	0.23	0.08	0	0	0	0	0	0	0	0
2/22/2024 11:08	29402 BELT_T1	1	1	0	7.2	7.5	0.3	0	0	0	0	0	0	0	0
2/22/2024 11:08	57401 SPAN_T1	2	2	0	0.85	0.9	0.05	0	0	0	0	0	0	0	0
2/22/2024 11:09	40502 CRES_T2	0	8	8	0	0.25	0.25	0	0	0	0	0	0	0	0
2/22/2024 11:09	60101 COCA_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/22/2024 11:09	56803 BENV_T1	19	19	0	0.83	0.74	-0.09	0	0	0	0	0	0	0	0
2/22/2024 11:10	43303 WATS_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/22/2024 11:10	53501 EVIL_T2	5	9	4	0.76	0.72	-0.04	0	0	0	0	0	0	0	0
2/22/2024 11:10	56801 BENV_T1	14	12	-2	0.87	0.89	0.02	0	0	0	0	0	0	0	0
2/22/2024 11:11	56803 BENV_T1	19	19	0	0.83	0.74	-0.09	0	0	0	0	0	0	0	0
2/22/2024 11:11	43001 ALWD_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/22/2024 11:11	67401 WAKE_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/22/2024 11:12	56803 BENV_T1	19	19	0	0.83	0.74	-0.09	0	0	0	0	0	0	0	0
2/22/2024 11:12	28602 BLYT_T2	0	1	1	0	0	0	0	0	0	0	0	0	0	0
2/22/2024 11:13	40501 CRES_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/22/2024 11:13	53501 EVIL_T2	5	9	4	0.76	0.72	-0.04	0	0	0	0	0	0	0	0
2/22/2024 11:14	53502 EVIL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/22/2024 11:16	55002 NEWP_T1	6	6	0	0.8	0.98	0.18	0	0	0	0	0	0	0	0
2/22/2024 11:16	43001 ALWD_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/22/2024 11:17	55001 NEWP_T1	1	1	0	0.2	0.1	-0.1	0	0	0	0	0	0	0	0
2/22/2024 11:18	46302 ROHR_T1	4	4	0	0.55	0.93	0.38	0	0	0	0	0	0	0	0
2/22/2024 11:18	60504 NMAN_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/22/2024 11:19	47403 PENS_T1	1	1	0	1.9	2.2	0.3	0	0	0	0	0	0	0	0
2/22/2024 11:20	66502 SMAN_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/22/2024 11:20	67001 STHI_T2	393	572	179	0.17	0.23	0.06	0	0	0	0	0	0	0	0
2/22/2024 11:20	47402 PENS_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/22/2024 11:21	58001 WCAR_T1	4	4	0	0.48	1.43	0.95	0	0	0	0	0	0	0	0
2/22/2024 11:21	59101 WALK_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/22/2024 11:22	67401 WAKE_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/22/2024 11:22	46302 ROHR_T1	4	4	0	0.55	0.93	0.38	0	0	0	0	0	0	0	0
2/22/2024 11:23	10805 CHHI_T2	8	6	-2	1.48	8	6.52	0	0	0	0	0	0	0	0
2/22/2024 11:23	52204 DEVO_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/22/2024 11:23	60801 BUCK_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/22/2024 11:23	67002 STHI_T2	105

2/22/2024 11:38	46301 ROHR_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/22/2024 11:38	60701 BREC_T1	1	1	0	0.4	0.2	-0.2	0	0	0	0	0	0	0	0
2/22/2024 11:39	16302 ALPA_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/22/2024 11:39	67201 TEHI_T1	51	103	52	0.24	0.5	0.26	0	0	0	0	0	0	0	0
2/22/2024 11:39	60701 BREC_T1	1	1	0	0.4	0.2	-0.2	0	0	0	0	0	0	0	0
2/22/2024 11:39	60801 BUCK_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/22/2024 11:39	20403 ASHF_T2	0	1	1	0	0.2	0.2	0	0	0	0	0	0	0	0
2/22/2024 11:39	56503 ROCK_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/22/2024 11:39	46002 BERW_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/22/2024 11:39	60102 COCA_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/22/2024 11:40	20401 ASHF_T2	4	4	0	0.23	0.38	0.15	0	0	0	0	0	0	0	0
2/22/2024 11:40	42601 TUSC_T1	13	18	5	0.31	0.27	-0.04	0	0	0	0	0	0	0	0
2/22/2024 11:40	60102 COCA_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/22/2024 11:40	46002 BERW_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/22/2024 11:41	41601 CLEV_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/22/2024 11:41	16302 ALPA_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/22/2024 11:41	43001 ALWD_T1	0	1	1	0	0.1	0.1	0	0	0	0	0	0	0	0
2/22/2024 11:42	43001 ALWD_T1	0	1	1	0	0.1	0.1	0	0	0	0	0	0	0	0
2/22/2024 11:43	56503 ROCK_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/22/2024 11:43	50201 HARR_T3	1	1	0	0.1	0.2	0.1	0	0	0	0	0	0	0	0
2/22/2024 11:43	67402 WAKE_T2	0	2	2	0	0.1	0.1	0	0	0	0	0	0	0	0
2/22/2024 11:43	41602 CLEV_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/22/2024 11:44	59003 MIFF_T1	0	1	1	0	0.2	0.2	0	0	0	0	0	0	0	0
2/22/2024 11:44	45802 HEGI_T2	1	3	2	0.1	0	-0.1	0	0	0	0	0	0	0	0
2/22/2024 11:45	50102 HARR_T3	8	4	-4	0.21	0.15	-0.06	0	0	0	0	0	0	0	0
2/22/2024 11:47	47802 MOCA_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/22/2024 11:49	65004 NEFF_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/22/2024 11:49	54204 PENN_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/22/2024 11:51	47403 PENS_T1	1	1	0	2.2	2.1	-0.1	0	0	0	0	0	0	0	0
2/22/2024 11:51	14402 SSLA_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/22/2024 11:51	67402 WAKE_T2	0	2	2	0	0.1	0.1	0	0	0	0	0	0	0	0
2/22/2024 11:51	43001 ALWD_T1	0	2	2	0	0.1	0.1	0	0	0	0	0	0	0	0
2/22/2024 11:52	16302 ALPA_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/22/2024 11:53	67101 SPRI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/22/2024 11:53	67605 WARW_T1	16	63	47	0.36	0.57	0.21	0	0	0	0	0	0	0	0
2/22/2024 11:53	14403 SSLA_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/22/2024 11:53	47403 PENS_T1	1	1	0	2.2	2.1	-0.1	0	0	0	0	0	0	0	0
2/22/2024 11:53	67401 WAKE_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/22/2024 11:53	16302 ALPA_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/22/2024 11:54	16302 ALPA_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/22/2024 11:54	60803 BUCK_T1	4	2	-2	0.25	0.15	-0.1	0	0	0	0	0	0	0	0
2/22/2024 11:59	67402 WAKE_T2	0	2	2	0	0.1	0.1	0	0	0	0	0	0	0	0
2/22/2024 12:00	20601 GRWD_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/22/2024 12:00	64703 LITI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/22/2024 12:03	49803 UNIV_T1	0	1	1	0	0.1	0.1	0	0	0	0	0	0	0	0
2/22/2024 12:04	67101 SPRI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/22/2024 12:04	49803 UNIV_T1	0	1	1	0	0.1	0.1	0	0	0	0	0	0	0	0
2/22/2024 12:06	67402 WAKE_T2	2	0	-2	0.1	0	-0.1	0	0	0	0	0	0	0	0
2/22/2024 12:07	14403 SSLA_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/22/2024 12:08	14802 TREI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/22/2024 12:09	14404 SSLA_T1	1	1	0	0.2	0.1	-0.1	0	0	0	0	0	0	0	0
2/22/2024 12:09	67402 WAKE_T2	2	0	-2	0.1	0	-0.1	0	0	0	0	0	0	0	0
2/22/2024 12:11	10707 CATA_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/22/2024 12:14	67402 WAKE_T2	2	0	-2	0.1	0	-0.1	0	0	0	0	0	0	0	0
2/22/2024 12:17	46803 HEPB_T2	4	3	-1	0.18	0.27	0.09	0	0	0	0	0	0	0	0
2/22/2024 12:17	47402 PENS_T1	0	1	1	0	0	0	0	0	0	0	0	0	0	0
2/22/2024 12:18	47403 PENS_T1	0	1	1	0	2.2	2.2	0	0	0	0	0	0	0	0
2/22/2024 12:19	65603 QVIL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/22/2024 12:19	43101 SMIL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/22/2024 12:19	42201 SHEN_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/22/2024 12:21	65604 QVIL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/22/2024 12:25	67603 WARW_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/22/2024 12:25	67401 WAKE_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/22/2024 12:26	10701 CATA_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/22/2024 12:27	24103 EHAZ_T1	0	2	2	0	0	0	0	0	0	0	0	0	0	0
2/22/2024 12:27	42401 GIMA_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/22/2024 12:27	60102 COCA_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/22/2024 12:30	67402 WAKE_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/22/2024 12:32	24101 EHAZ_T1	27	62	35	0.51	0.61	0.1	0	0	0	0	0	0	0	0
2/22/2024 12:35	42601 TUSC_T1	12	31	19	0.55	0.34	-0.21	0	0	0	0	0	0	0	0
2/22/2024 12:38	60101 COCA_T1	2	0	-2	0.1	0	-0.1	0	0	0	0	0	0	0	0
2/22/2024 12:39	43001 ALWD_T1	7	1	-6	0.1	0.1	0	0	0	0	0	0	0	0	0
2/22/2024 12:40	10707 CATA_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/22/2024 12:40	67603 WARW_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/22/2024 12:42	60102 COCA_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/22/2024 12:42	45802 HEGI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/22/2024 12:47	65001 NEFF_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/22/2024 12:48	49804 UNIV_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/22/2024 12:49	40901 JESH_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/22/2024 12:52	16302 ALPA_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/22/2024 12:55	16302 ALPA_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/22/2024 12:56	16302 ALPA_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/22/2024 12:56	23902 EFMO_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/22/2024 13:00	65502 MOJO_T2	0	129	129	0	0.12	0.12	0	0	0	0	0	0	0	0
2/22/2024 13:01	65503 MOJO_T2	0	11	11	0	0.11	0.11	0	0	0	0	0	0	0	0
2/22/2024 13:01	25501 MADI_T1	1	1	0	0.4	1	0.6	0	0	0	0	0	0	0	0
2/22/2024 13:03	66303 MCGO_T2	1	1	0	0.2	0.2	0	0	0	0	0	0	0	0	0
2/22/2024 13:06	44601 SALE_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/22/2024 13:17	49803 UNIV_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/22/2024 13:19	65005 NEFF_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/22/2024 13:19	13503 MCMI_T2	14	56	42	0.24	0.24	0	0	0	0	0	0	0	0	0
2/22/2024 13:38	67402 WAKE_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/22/2024 13:40	20401 ASHF_T2	7	6	-1	0.43	0.6	0.17	0	0	0	0	0	0	0	0
2/22/2024 13:41	20402 ASHF_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/22/2024 13:44	67401 WAKE_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/22/2024 13:48	25501 MADI_T1	1	2	1	1	1.5	0.5	0	0	0	0	0	0	0	0
2/22/2024 13:48	44601 SALE_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/22/2024 13:53	44601 SALE_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/22/2024 13:54	67401 WAKE_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/22/2024 13:55	65004 NEFF_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/22/2024 13:59	67402 WAKE_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/22/2024 14:01	49804 UNIV_T1	1	0	-1	0.1	0	-0.1	0	0	0	0	0	0	0	0
2/22/2024 14:04	14403 SSLA_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/22/2024 14:05	67402 WAKE_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/22/2024 14:05	49803 UNIV_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/22/2024 14:06	67401 WAKE_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/22/2024 14:08	43001 ALWD_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/22/2024 14:09	52202 DEVO_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/22/2024 14:10	67402 WAKE_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/22/2024 14:12	41802 GOCI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/22/2024 14:12	60803 BUCK_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/22/2024 14:13	13902 SEID_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/22/2024 14:14	41802 GOCI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/22/2024 14:14	25501 MADI_T1	1	1	0	2	1.5	-0.5	0	0	0	0	0	0	0	0
2/22/2024 14:16	12704 MACU_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/22/2024 14:17	58402 MORO_T1	0	5	5	0	0.14	0.14	0	0	0	0	0	0	0	0
2/22/2024 14:17	58402 MORO_T1	0	5	5	0	0.14	0.14	0	0	0	0	0	0	0	0
2/22/2024 14:19	14401 SSLA_T1	1	1	0	0.1	0.1	0	0	0	0	0	0	0	0	0
2/22/2024 14:19	54206 PENN_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/22/2024 14:20	58402 MORO_T1	0	5	5	0	0.14	0.14	0	0	0	0	0	0	0	0
2/22/2024 14:20	14402 SSLA_T1	1	2	1	0.1	0.1	0	0	0	0	0	0	0	0	0
2/22/2024 14:20	67401 WAKE_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/22/2024 14:20	41902 REED_T1	5	12	7	0.34	0.27	-0.07	0	0	0	0	0	0	0	0
2/22/2024 14:21	67402 WAKE_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/22/2024 14:21	60701 BREC_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/22/2024 14:21	67201 TEHI_T1	0	1	1	0	0	0	0	0	0	0	0	0	0	0
2/22/2024 14:22	41903 REED_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/22/2024 14:22	60803 BUCK_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/22/2024 14:22	60701 BREC_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/22/2024 14:23	45602 WOOL_T1	3	3	0	1.3	1.47	0.17	0	0	0	0	0	0	0	0
2/22/2024 14:24	43001 ALWD_T1	0	4	4	0	0.1	0.1	0	0	0	0	0	0	0	0
2/22/2024 14:24	14402 SSLA_T1	1	2	1	0.1	0.1	0	0	0	0	0	0	0	0	0
2/22/2024 14:24	60803 BUCK_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/22/2024 14:25	67603 WARW_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/22/2024 14:25	67204 TEHI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/22/2024 14:25	40504 CRES_T1	0	12	12	0	0.1	0.1	0	0	0	0	0	0	0	0
2/22/2024 14:25	43001 ALWD_T1	0	4	4	0	0.1	0.1	0	0	0	0	0	0	0	0
2/22/2024 14:26	28604 BLYT_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/22/2024 14:26	40504 CRES_T1	0	12	12	0	0.1	0.1	0	0	0	0	0	0	0	0
2/22/2024 14:26	53602 DALM_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/22/2024 14:26	67401 WAKE_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/22/2024 14:27	40503 CRES_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/22/2024 14:27	40501 CRES_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/22/2024 14:27	26401 INOR_T1	1	0	-1	0.4	0	-0.4	0	0	0	0	0	0	0	0
2/22/2024 14:27	60701 BREC_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/22/2024 14:28	40503 CRES_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/22/2024 14:28	40504 CRES_T1	0	12	12	0	0.1	0.1	0	0	0	0	0	0	0	0
2/22/2024 14:28	41801 GOCI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/22/2024 14:29	40504 CRES_T1	0	12	12	0	0.1	0.1	0	0	0	0	0	0	0	0
2/22/2024 14:30	54502 ENOL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/22/2024 14:30	64903 MILL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/22/2024 14:30	43001 ALWD_T1	0	8	8	0	0.1	0.1	0	0	0	0	0	0	0	0
2/22/2024 14:30	26401 INOR_T1	0	1	1	0	0	0	0	0	0	0	0	0	0	0
2/22/2024 14:30	65502 MOJO_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/22/2024 14:30	41802 GOCI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/22/2024 14:31	52204 DEVO_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/22/2024 14:31	64702 LITI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/22/2024 14:31	12704 MACU_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/22/2024 14:32	12704 MACU_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/22/2024 14:32	42903 MIDD_T2	2	2	0	0.3	0.5	0.2	0	0	0	0	0	0	0	0
2/22/2024 14:32	64702 LITI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/22/2024 14:32	60504 NMAN_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/22/2024 14:33	41902 REED_T1	7	17	10	0.7	0.5	-0.2	0	0	0	0	0	0	0	0
2/22/2024 14:33	58402 MORO_T1	5	0	-5	0.14	0	-0.14	0	0	0	0	0	0	0	0
2/22/2024 14:34	67001 STHI_T2	260	443	183	0.14	0.17	0.03	0	0	0	0	0	0	0	0
2/22/2024 14:35	64801 MONE_T2	5	15	10	0.16	0.33	0.17	0	0	0	0	0	0	0	0
2/22/2024 14:35	67402 WAKE_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/22/2024 14:35	43301 WATS_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/22/2024 14:35	44601 SALE_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/22/2024 14:36	66702 STRA_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/22/2024 14:36	41901 REED_T1	1	2	1	0.3	0.3	0	0	0	0	0	0	0	0	0
2/22/2024 14:36	67402 WAKE_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/22/2024 14:36	14802 TREI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/22/2024 14:37	67002 STHI_T2	27	73	46	0.14	0.15	0.01	0	0	0	0	0	0	0	0
2/22/2024 14:37	40901 JESH_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/22/2024 14:37	65002 NEFF_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/22/2024 14:37	57403 SPAN_T1	7	29	22	0.24	0.39	0.15	0	0	0	0	0	0	0	0
2/22/2024 14:37	67201 TEHI_T1	0	17	17	0	0.14	0.14	0	0	0	0	0	0	0	0
2/22/2024 14:38	46803 HEPB_T2	2	3	1	0.2	0.23	0.03	0	0	0	0	0	0	0	0
2/22/2024 14:38	56504 ROCK_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/22/2024 14:38	67605 WARW_T1	23	35	12	0.51	0.49	-0.02	0	0	0	0	0	0	0	0
2/22/2024 14:38	60801 BUCK_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/22/2024 14:38	67002 STHI_T2	27	73	46	0.14	0.15	0.01	0	0	0	0	0	0	0	0
2/22/2024 14:39	57403 SPAN_T1	7	29	22	0.24	0.39	0.15	0	0	0	0	0	0	0	0
2/22/2024 14:39	57401 SPAN_T1	27	55	28	0.22	0.24	0.02	0	0	0	0	0	0	0	0
2/22/2024 14:39	67001 STHI_T2	260	443	183	0.14	0.17	0.03	0	0	0	0	0

2/22/2024 14:52	29402 BELT_T1	1	1	0	7.7	7.7	0	0	0	0	0	0	0	0
2/22/2024 14:52	67401 WAKE_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
2/22/2024 14:52	46301 ROHR_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
2/22/2024 14:52	43001 ALWD_T1	4	8	4	0.1	0.1	0	0	0	0	0	0	0	0
2/22/2024 14:53	60101 COCA_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
2/22/2024 14:53	57401 SPAN_T1	55	9	-46	0.23	0.33	0.1	0	0	0	0	0	0	0
2/22/2024 14:54	60102 COCA_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
2/22/2024 14:55	40505 CRES_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
2/22/2024 14:55	46004 BERW_T2	0	1	1	0	0	0	0	0	0	0	0	0	0
2/22/2024 14:56	40505 CRES_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
2/22/2024 14:57	40505 CRES_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
2/22/2024 14:57	56504 ROCK_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
2/22/2024 14:57	67401 WAKE_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
2/22/2024 14:57	46201 DANV_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
2/22/2024 14:57	40504 CRES_T1	12	0	-12	0.1	0	-0.1	0	0	0	0	0	0	0
2/22/2024 14:58	64703 LITI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
2/22/2024 14:58	40504 CRES_T1	12	0	-12	0.1	0	-0.1	0	0	0	0	0	0	0
2/22/2024 14:59	40505 CRES_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
2/22/2024 15:00	60101 COCA_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
2/22/2024 15:01	25501 MADI_T1	1	0	-1	2	0	-2	0	0	0	0	0	0	0
2/22/2024 15:02	64702 LITI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
2/22/2024 15:03	49804 UNIV_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
2/22/2024 15:04	64403 LAND_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
2/22/2024 15:05	64401 LAND_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
2/22/2024 15:05	57403 SPAN_T1	10	6	-4	0.24	0.15	-0.09	0	0	0	0	0	0	0
2/22/2024 15:06	14404 SSLA_T1	1	1	0	0.2	0.1	-0.1	0	0	0	0	0	0	0
2/22/2024 15:07	46005 BERW_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
2/22/2024 15:07	59101 WALK_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
2/22/2024 15:07	67203 TEHI_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
2/22/2024 15:07	45602 WOOL_T1	3	5	2	1.4	0.92	-0.48	0	0	0	0	0	0	0
2/22/2024 15:07	20402 ASHF_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
2/22/2024 15:08	52202 DEVO_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
2/22/2024 15:08	14404 SSLA_T1	1	1	0	0.2	0.1	-0.1	0	0	0	0	0	0	0
2/22/2024 15:08	46001 BERW_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
2/22/2024 15:08	67401 WAKE_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
2/22/2024 15:08	62601 ENGL_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
2/22/2024 15:09	59101 WALK_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
2/22/2024 15:10	45501 DERR_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
2/22/2024 15:10	59202 THOM_T1	0	2	2	0	0	0	0	0	0	0	0	0	0
2/22/2024 15:11	15001 BLMO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
2/22/2024 15:11	45501 DERR_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
2/22/2024 15:13	67402 WAKE_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
2/22/2024 15:14	26402 INOR_T1	2	2	0	0.4	0.2	-0.2	0	0	0	0	0	0	0
2/22/2024 15:15	66301 MCGO_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
2/22/2024 15:16	66301 MCGO_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
2/22/2024 15:17	60604 NCOL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
2/22/2024 15:17	26402 INOR_T1	2	1	-1	0.2	0.1	-0.1	0	0	0	0	0	0	0
2/22/2024 15:17	40603 PIGR_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
2/22/2024 15:18	49803 UNIV_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
2/22/2024 15:19	40902 JESH_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
2/22/2024 15:20	60603 NCOL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
2/22/2024 15:20	58401 MORO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
2/22/2024 15:23	67402 WAKE_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
2/22/2024 15:29	67401 WAKE_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
2/22/2024 15:30	59003 MIFF_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
2/22/2024 15:34	49803 UNIV_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
2/22/2024 15:34	42902 MIDD_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
2/22/2024 15:34	44901 SCOT_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
2/22/2024 15:35	44901 SCOT_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
2/22/2024 15:35	60701 BREC_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
2/22/2024 15:36	56501 ROCK_T2	1	1	0	0.1	0.1	0	0	0	0	0	0	0	0
2/22/2024 15:38	56501 ROCK_T2	1	1	0	0.1	0.1	0	0	0	0	0	0	0	0
2/22/2024 15:39	56501 ROCK_T2	1	1	0	0.1	0.1	0	0	0	0	0	0	0	0
2/22/2024 15:39	60701 BREC_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
2/22/2024 15:39	67204 TEHI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
2/22/2024 15:39	67402 WAKE_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
2/22/2024 15:40	60701 BREC_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
2/22/2024 15:44	67402 WAKE_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
2/22/2024 15:46	13503 MCMI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
2/22/2024 15:47	47403 PENS_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
2/22/2024 15:48	47403 PENS_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
2/22/2024 15:54	20402 ASHF_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
2/22/2024 15:55	67402 WAKE_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
2/22/2024 15:56	20401 ASHF_T2	2	3	1	0.3	0.4	0.1	0	0	0	0	0	0	0
2/22/2024 15:56	46002 BERW_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
2/22/2024 16:00	62604 ENGL_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
2/22/2024 16:00	67402 WAKE_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
2/22/2024 16:07	65002 NEFF_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
2/22/2024 16:09	44301 BEAV_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
2/22/2024 16:09	24901 WHHA_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
2/22/2024 16:12	44302 BEAV_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
2/22/2024 16:21	67402 WAKE_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
2/22/2024 16:26	67402 WAKE_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
2/22/2024 16:28	40101 HUNT_T2	7	64	57	0.37	0.57	0.2	0	0	0	0	0	0	0
2/22/2024 16:37	67401 WAKE_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
2/22/2024 16:42	67402 WAKE_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
2/22/2024 16:53	67402 WAKE_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
2/22/2024 16:55	40502 CRES_T2	0	11	11	0	0.25	0.25	0	0	0	0	0	0	0
2/22/2024 16:57	40502 CRES_T2	0	11	11	0	0.25	0.25	0	0	0	0	0	0	0
2/22/2024 16:58	67402 WAKE_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
2/22/2024 16:59	65001 NEFF_T2	62	18	-44	0.12	0.12	0	0	0	0	0	0	0	0
2/22/2024 17:08	67401 WAKE_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
2/22/2024 17:11	40502 CRES_T2	3	11	8	0.1	0.25	0.15	0	0	0	0	0	0	0
2/22/2024 17:12	40502 CRES_T2	3	11	8	0.1	0.25	0.15	0	0	0	0	0	0	0
2/22/2024 17:14	67402 WAKE_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
2/22/2024 18:34	62602 ENGL_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
2/22/2024 18:34	45501 DERR_T2	2	3	1	0.4	0.4	0	0	0	0	0	0	0	0
2/22/2024 18:35	45501 DERR_T2	2	3	1	0.4	0.4	0	0	0	0	0	0	0	0
2/22/2024 18:44	67502 WEWI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
2/22/2024 18:44	67503 WEWI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
2/22/2024 18:46	60803 BUCK_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
2/22/2024 18:47	64903 MILL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
2/22/2024 18:48	64702 LITI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
2/22/2024 18:50	64703 LITI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
2/22/2024 18:51	59201 THOM_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
2/22/2024 18:51	67502 WEWI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
2/22/2024 18:52	64201 KINZ_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
2/22/2024 18:53	62602 ENGL_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
2/22/2024 18:53	40101 HUNT_T2	92	94	2	0.49	0.46	-0.03	0	0	0	0	0	0	0
2/22/2024 18:55	46302 ROHR_T1	2	6	4	1.65	0.9	-0.75	0	0	0	0	0	0	0
2/22/2024 18:56	64201 KINZ_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
2/22/2024 18:56	62602 ENGL_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
2/22/2024 18:57	62601 ENGL_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
2/22/2024 18:58	41801 GOCI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
2/22/2024 18:58	40602 PIGR_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
2/22/2024 18:58	48302 ORWI_T2	2	2	0	0.95	1.1	0.15	0	0	0	0	0	0	0
2/22/2024 18:59	40603 PIGR_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
2/22/2024 19:00	45802 HEGI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
2/22/2024 19:00	40504 CRES_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
2/22/2024 19:00	67503 WEWI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
2/22/2024 19:00	40502 CRES_T2	12	16	4	0.28	0.33	0.05	0	0	0	0	0	0	0
2/22/2024 19:00	67002 STHI_T2	127	137	10	0.2	0.22	0.02	0	0	0	0	0	0	0
2/22/2024 19:01	40502 CRES_T2	12	16	4	0.28	0.33	0.05	0	0	0	0	0	0	0
2/22/2024 19:01	64201 KINZ_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
2/22/2024 19:01	40101 HUNT_T2	80	81	1	0.48	0.52	0.04	0	0	0	0	0	0	0
2/22/2024 19:01	64403 LAND_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
2/22/2024 19:01	67002 STHI_T2	127	137	10	0.2	0.22	0.02	0	0	0	0	0	0	0
2/22/2024 19:02	42002 MNVL_T2	1	1	0	5.5	5.6	0.1	0	0	0	0	0	0	0
2/22/2024 19:03	64801 MONE_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
2/22/2024 19:04	67503 WEWI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
2/22/2024 19:04	40503 CRES_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
2/22/2024 19:05	64802 MONE_T2	1	3	2	0.1	0.1	0	0	0	0	0	0	0	0
2/22/2024 19:06	60803 BUCK_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
2/22/2024 19:06	57302 MOAL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
2/22/2024 19:08	42002 MNVL_T2	1	1	0	5.5	5.6	0.1	0	0	0	0	0	0	0
2/22/2024 19:09	65005 NEFF_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
2/22/2024 19:09	64203 KINZ_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
2/22/2024 19:09	46202 DANV_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
2/22/2024 19:09	60201 ATGL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
2/22/2024 19:09	28703 HAML_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
2/22/2024 19:10	60102 COCA_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
2/22/2024 19:11	65602 QVIL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
2/22/2024 19:12	67001 STHI_T2	566	562	-4	0.25	0.26	0.01	0	0	0	0	0	0	0
2/22/2024 19:12	20403 ASHF_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
2/22/2024 19:12	43001 ALWD_T1	5	11	6	0.14	0.2	0.06	0	0	0	0	0	0	0
2/22/2024 19:13	47403 PENS_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
2/22/2024 19:13	56802 BENV_T2	19	79	60	0.23	0.21	-0.02	0	0	0	0	0	0	0
2/22/2024 19:13	43303 WATS_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
2/22/2024 19:15	45601 WOOL_T1	1	3	2	0.1	0.13	0.03	0	0	0	0	0	0	0
2/22/2024 19:15	42601 TUSC_T1	10	10	0	1.15	0.96	-0.19	0	0	0	0	0	0	0
2/22/2024 19:15	48302 ORWI_T2	2	2	0	0.85	0.95	0.1	0	0	0	0	0	0	0
2/22/2024 19:16	67002 STHI_T2	137	22	-115	0.22	0.13	-0.09	0	0	0	0	0	0	0
2/22/2024 19:16	12704 MACU_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
2/22/2024 19:16	42204 SHEN_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
2/22/2024 19:16	60102 COCA_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
2/22/2024 19:16	46802 HEPB_T2	10	12	2	0.18	0.18	0	0	0	0	0	0	0	0
2/22/2024 19:17	40502 CRES_T2	13	15	2	0.36	0.35	-0.01	0	0	0	0	0	0	0
2/22/2024 19:17	16302 ALPA_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
2/22/2024 19:17	41602 CLEV_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
2/22/2024 19:18	29402 BELT_T1	1	1	0	5.9	6.2	0.3	0	0	0	0	0	0	0
2/22/2024 19:18	43303 WATS_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
2/22/2024 19:18	43304 WATS_T2	24	4	-20	0.45	0	-0.45	0	0	0	0	0	0	0
2/22/2024 19:18	40103 HUNT_T2	80	33	-47	0.53	0.33	-0.2	0	0	0	0	0	0	0
2/22/2024 19:18	42203 SHEN_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
2/22/2024 19:18	56802 BENV_T2	72	59	-13	0.21	0.19	-0.02	0	0	0	0	0	0	0
2/22/2024 19:18	27503 WEIS_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
2/22/2024 19:18	47802 MOCA_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
2/22/2024 19:18	49803 UNIV_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
2/22/2024 19:18	26402 INOR_T1	1	3	2	0.1	0.13	0.03	0	0	0	0	0	0	0
2/22/2024 19:19	65601 QVIL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
2/22/2024 19:19	46002 BERW_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
2/22/2024 19:19	45702 LIND_T2	1	1	0	1.3	1.1	-0.2	0	0	0	0	0	0	0
2/22/2024 19:19	49804 UNIV_T1	0	2	2	0	0	0	0	0	0	0	0	0	0
2/22/2024 19:19	55002 NEWP_T1	6	5	-1	0.53	0.84	0.31	0	0	0	0	0	0	0
2/22/2024 19:19	43402 BENT_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
2/22/2024 19:19	47802 MOCA_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
2/22/2024 19:19	43302 WATS_T2	4	4	0	0.3	0.9	0.6	0	0	0	0	0	0	0
2/22/2024 19:19	20403 ASHF_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
2/22/2024 19:19	59102 WALK_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
2/22/2024 19:20	64801 MONE_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
2/22/2024 19:20	60701 BREC_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
2/22/2024 19:20	56801 BENV_T1	28	29	1	0.45	0.56	0.11	0	0	0	0	0	0	0
2/22/2024 19:20	20401 ASHF_T2	3	2	-1	0.4	0.55	0.15	0	0	0	0	0	0	0
2/22/2024 19:20	26402 INOR_T1	1	3	2	0.1	0.13	0.03	0	0	0	0	0	0	0
2/22/2024 19:20	40901 JESH_T1	0	1	1	0	0.1	0.1	0	0	0	0	0	0	0
2/22/2024 19:20	43301 WATS_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
2/22/2024 19:20	46005 BERW_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
2/22/2024 19:20	44902 SCOT_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
2/22/2024 19:20	67605 WARW_T1	10	11	1	0.36	0.23	-0.13	0	0	0	0	0	0	0
2/22/2024 19:20	40501 CRES_T2	2	6	4	0.2	0.15	-0.05	0	0	0	0	0	0	0
2/22/2024 19:20	12704 MACU_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
2/22/2024 19:20	56802 BENV_T2	72	59	-13	0.21	0.19	-0.02	0	0	0	0	0	0	0
2/22/2024 19:21	60701 BREC_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
2/22/2024 19:21	56802 BENV_T2	72	59	-13	0.21	0.19	-0.02	0	0	0	0	0	0	0
2/22/2024 19:21	44901 SCOT_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
2/22/2024 19:21	67401 WAKE_T2	0	0	0	0	0	0

2/22/2024 19:24	40101 HUNT_T2	80	33	-47	0.53	0.33	-0.2	0	0	0	0	0	0	0
2/22/2024 19:25	46202 DANV_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
2/22/2024 19:25	14404 SSLA_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
2/22/2024 19:25	14802 TREI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
2/22/2024 19:25	43303 WATS_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
2/22/2024 19:25	58302 NOTT_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
2/22/2024 19:25	29401 BELT_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
2/22/2024 19:25	45501 DERR_T2	2	0	-2	0.65	0	-0.65	0	0	0	0	0	0	0
2/22/2024 19:25	60201 ATGL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
2/22/2024 19:25	45402 WBLO_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
2/22/2024 19:25	46701 RENO_T1	54	161	107	0.32	0.35	0.03	0	0	0	0	0	0	0
2/22/2024 19:25	56802 BENV_T2	72	59	-13	0.21	0.19	-0.02	0	0	0	0	0	0	0
2/22/2024 19:26	59003 MIFF_T1	1	1	0	1.8	0.1	-1.7	0	0	0	0	0	0	0
2/22/2024 19:26	13503 MCMI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
2/22/2024 19:26	40503 CRES_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
2/22/2024 19:26	53901 HALI_T2	1	1	0	0.1	0.4	0.3	0	0	0	0	0	0	0
2/22/2024 19:26	29402 BELT_T1	1	1	0	5.9	6.2	0.3	0	0	0	0	0	0	0
2/22/2024 19:26	42202 SHEN_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
2/22/2024 19:26	58401 MORO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
2/22/2024 19:26	40101 HUNT_T2	80	33	-47	0.53	0.33	-0.2	0	0	0	0	0	0	0
2/22/2024 19:26	41602 CLEV_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
2/22/2024 19:26	29401 BELT_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
2/22/2024 19:27	53501 EVIL_T2	8	9	1	0.31	0.47	0.16	0	0	0	0	0	0	0
2/22/2024 19:27	58401 MORO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
2/22/2024 19:27	56503 ROCK_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
2/22/2024 19:27	58402 MORO_T1	1	0	-1	3	0	-3	0	0	0	0	0	0	0
2/22/2024 19:27	56803 BENV_T1	15	15	0	0.52	0.61	0.09	0	0	0	0	0	0	0
2/22/2024 19:28	46202 DANV_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
2/22/2024 19:28	43303 WATS_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
2/22/2024 19:28	13501 MCMI_T1	2	2	0	1.2	1.4	0.2	0	0	0	0	0	0	0
2/22/2024 19:28	42903 MIDD_T2	2	2	0	1.15	0.6	-0.55	0	0	0	0	0	0	0
2/22/2024 19:28	67001 STHI_T2	562	81	-481	0.26	0.11	-0.15	0	0	0	0	0	0	0
2/22/2024 19:28	56801 BENV_T1	28	29	1	0.45	0.56	0.11	0	0	0	0	0	0	0
2/22/2024 19:28	40503 CRES_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
2/22/2024 19:28	17802 GILB_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
2/22/2024 19:29	46201 DANV_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
2/22/2024 19:29	40502 CRES_T2	13	15	2	0.36	0.35	-0.01	0	0	0	0	0	0	0
2/22/2024 19:29	46004 BERW_T2	1	2	1	1.4	0.8	-0.6	0	0	0	0	0	0	0
2/22/2024 19:29	40505 CRES_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
2/22/2024 19:29	13502 MCMI_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
2/22/2024 19:29	67001 STHI_T2	562	81	-481	0.26	0.11	-0.15	0	0	0	0	0	0	0
2/22/2024 19:30	46201 DANV_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
2/22/2024 19:30	46301 ROHR_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
2/22/2024 19:30	55002 NEWP_T1	5	6	1	0.84	0.72	-0.12	0	0	0	0	0	0	0
2/22/2024 19:30	40504 CRES_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
2/22/2024 19:30	29401 BELT_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
2/22/2024 19:30	49803 UNIV_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
2/22/2024 19:30	41903 REED_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
2/22/2024 19:30	52004 LING_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
2/22/2024 19:30	59101 WALK_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
2/22/2024 19:30	40505 CRES_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
2/22/2024 19:30	54501 ENOL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
2/22/2024 19:30	26402 INOR_T1	1	3	2	0.1	0.13	0.03	0	0	0	0	0	0	0
2/22/2024 19:30	67202 TEHI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
2/22/2024 19:30	43202 MVIL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
2/22/2024 19:31	66703 STRA_T1	3	6	3	0.3	0.37	0.07	0	0	0	0	0	0	0
2/22/2024 19:31	25402 LAHA_T2	1	0	-1	0.2	0	-0.2	0	0	0	0	0	0	0
2/22/2024 19:31	29402 BELT_T1	1	1	0	6.2	6.1	-0.1	0	0	0	0	0	0	0
2/22/2024 19:31	40503 CRES_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
2/22/2024 19:31	10707 CATA_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
2/22/2024 19:31	14404 SSLA_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
2/22/2024 19:31	28602 BLYT_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
2/22/2024 19:31	56801 BENV_T1	26	33	7	0.38	0.6	0.22	0	0	0	0	0	0	0
2/22/2024 19:31	67002 STHI_T2	22	15	-7	0.13	0.15	0.02	0	0	0	0	0	0	0
2/22/2024 19:31	42902 MIDD_T2	0	1	1	0	0	0	0	0	0	0	0	0	0
2/22/2024 19:31	59102 WALK_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
2/22/2024 19:32	40501 CRES_T2	2	6	4	0.1	0.15	0.05	0	0	0	0	0	0	0
2/22/2024 19:32	10703 CATA_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
2/22/2024 19:32	40504 CRES_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
2/22/2024 19:32	29402 BELT_T1	1	1	0	6.2	6.1	-0.1	0	0	0	0	0	0	0
2/22/2024 19:32	54001 SDLE_T1	4	6	2	0.85	0.77	-0.08	0	0	0	0	0	0	0
2/22/2024 19:32	56503 ROCK_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
2/22/2024 19:33	57401 SPAN_T1	1	2	1	0.2	0.4	0.2	0	0	0	0	0	0	0
2/22/2024 19:33	57302 MOAL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
2/22/2024 19:34	56503 ROCK_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
2/22/2024 19:34	15001 BLMO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
2/22/2024 19:34	57403 SPAN_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
2/22/2024 19:34	56801 BENV_T1	26	33	7	0.38	0.6	0.22	0	0	0	0	0	0	0
2/22/2024 19:34	14801 TREI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
2/22/2024 19:34	10801 CHHI_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
2/22/2024 19:34	57403 SPAN_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
2/22/2024 19:35	15001 BLMO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
2/22/2024 19:35	56504 ROCK_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
2/22/2024 19:35	46005 BERW_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
2/22/2024 19:35	65003 NEFF_T2	3	4	1	0.17	0.2	0.03	0	0	0	0	0	0	0
2/22/2024 19:35	54001 SDLE_T1	4	6	2	0.85	0.77	-0.08	0	0	0	0	0	0	0
2/22/2024 19:35	13503 MCMI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
2/22/2024 19:35	59102 WALK_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
2/22/2024 19:35	57401 SPAN_T1	1	2	1	0.2	0.4	0.2	0	0	0	0	0	0	0
2/22/2024 19:35	41802 GOCI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
2/22/2024 19:35	10805 CHHI_T2	1	1	0	7.4	7.3	-0.1	0	0	0	0	0	0	0
2/22/2024 19:35	56801 BENV_T1	26	33	7	0.38	0.6	0.22	0	0	0	0	0	0	0
2/22/2024 19:35	40602 PIGR_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
2/22/2024 19:36	57403 SPAN_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
2/22/2024 19:36	50202 HARR_T3	1	1	0	0.3	0.2	-0.1	0	0	0	0	0	0	0
2/22/2024 19:37	57403 SPAN_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
2/22/2024 19:37	10801 CHHI_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
2/22/2024 19:37	52204 DEVO_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
2/22/2024 19:37	56504 ROCK_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
2/22/2024 19:37	13503 MCMI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
2/22/2024 19:37	57403 SPAN_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
2/22/2024 19:37	10805 CHHI_T2	1	1	0	7.4	7.3	-0.1	0	0	0	0	0	0	0
2/22/2024 19:38	66303 MCGD_T2	1	1	0	0.3	0.2	-0.1	0	0	0	0	0	0	0
2/22/2024 19:38	57302 MOAL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
2/22/2024 19:38	56801 BENV_T1	26	33	7	0.38	0.6	0.22	0	0	0	0	0	0	0
2/22/2024 19:38	50107 HARR_T3	0	0	0	0	0	0	0	0	0	0	0	0	0
2/22/2024 19:38	40601 PIGR_T1	10	57	47	0.15	0.22	0.07	0	0	0	0	0	0	0
2/22/2024 19:38	52202 DEVO_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
2/22/2024 19:38	66505 SMAN_T2	0	3	3	0	1.3	1.3	0	0	0	0	0	0	0
2/22/2024 19:38	57401 SPAN_T1	1	2	1	0.2	0.4	0.2	0	0	0	0	0	0	0
2/22/2024 19:38	40504 CRES_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
2/22/2024 19:39	44302 BEAV_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
2/22/2024 19:39	56503 ROCK_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
2/22/2024 19:39	65503 MOJO_T2	6	0	-6	0.12	0	-0.12	0	0	0	0	0	0	0
2/22/2024 19:39	53602 DALM_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
2/22/2024 19:39	15001 BLMO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
2/22/2024 19:40	56802 BENV_T2	48	81	33	0.18	0.21	0.03	0	0	0	0	0	0	0
2/22/2024 19:40	47402 PENS_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
2/22/2024 19:40	52006 LING_T2	3	3	0	0.4	0.43	0.03	0	0	0	0	0	0	0
2/22/2024 19:40	52204 DEVO_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
2/22/2024 19:41	56802 BENV_T2	48	81	33	0.18	0.21	0.03	0	0	0	0	0	0	0
2/22/2024 19:41	17804 GILB_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
2/22/2024 19:41	23901 EFMO_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
2/22/2024 19:41	57401 SPAN_T1	1	2	1	0.2	0.4	0.2	0	0	0	0	0	0	0
2/22/2024 19:41	65002 NEFF_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
2/22/2024 19:42	66303 MCGD_T2	1	1	0	0.3	0.2	-0.1	0	0	0	0	0	0	0
2/22/2024 19:42	47402 PENS_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
2/22/2024 19:42	60502 NMAN_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
2/22/2024 19:43	62606 ENGL_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
2/22/2024 19:43	47403 PENS_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
2/22/2024 19:44	66503 SMAN_T2	4	128	124	0.1	0.17	0.07	0	0	0	0	0	0	0
2/22/2024 19:44	53502 EVIL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
2/22/2024 19:45	60605 NCOL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
2/22/2024 19:45	53902 HALI_T2	1	1	0	5.3	5.4	0.1	0	0	0	0	0	0	0
2/22/2024 19:45	65502 MOJO_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
2/22/2024 19:46	62605 ENGL_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
2/22/2024 19:46	53901 HALI_T2	1	8	7	0.4	0.19	-0.21	0	0	0	0	0	0	0
2/22/2024 19:47	60605 NCOL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
2/22/2024 19:49	41901 REED_T1	6	6	0	0.52	0.47	-0.05	0	0	0	0	0	0	0
2/22/2024 19:50	60102 COCA_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
2/22/2024 20:00	67002 STHI_T2	15	28	13	0.15	0.13	-0.02	0	0	0	0	0	0	0
2/22/2024 20:07	65004 NEFF_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
2/22/2024 20:16	13502 MCMI_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
2/22/2024 20:33	65001 NEFF_T2	214	226	12	0.22	0.24	0.02	0	0	0	0	0	0	0
2/22/2024 21:04	65001 NEFF_T2	173	213	40	0.16	0.23	0.07	0	0	0	0	0	0	0
2/22/2024 21:20	65001 NEFF_T2	158	217	59	0.16	0.24	0.08	0	0	0	0	0	0	0
2/22/2024 21:31	57401 SPAN_T1	5	19	14	0.46	0.23	-0.23	0	0	0	0	0	0	0
2/22/2024 22:02	65004 NEFF_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
2/22/2024 22:33	65005 NEFF_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
2/22/2024 22:38	25503 MADI_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
2/22/2024 22:49	65002 NEFF_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
2/22/2024 23:00	65004 NEFF_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
2/22/2024 23:26	65003 NEFF_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
2/23/2024 0:13	65005 NEFF_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
2/23/2024 1:11	65004 NEFF_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
2/23/2024 1:32	65003 NEFF_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
2/23/2024 1:38	65001 NEFF_T2	73	148	75	0.13	0.15	0.02	0	0	0	0	0	0	0
2/23/2024 1:59	65003 NEFF_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
2/23/2024 2:04	62604 ENGL_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
2/23/2024 2:40	65001 NEFF_T2	73	160	87	0.12	0.16	0.04	0	0	0	0	0	0	0
2/23/2024 3:54	65003 NEFF_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
2/23/2024 4:10	65005 NEFF_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
2/23/2024 5:18	65001 NEFF_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
2/23/2024 5:34	65004 NEFF_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
2/23/2024 5:39	15001 BLMO_T1	1	0	-1	0.9	0	-0.9	0	0	0	0	0	0	0
2/23/2024 5:39	60801 BUCK_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
2/23/2024 5:40	28602 BLYT_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
2/23/2024 5:40	58402 MORO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
2/23/2024 5:55	65005 NEFF_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
2/23/2024 6:26	65005 NEFF_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
2/23/2024 6:29	59201 THOM_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
2/23/2024 7:13	65005 NEFF_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
2/23/2024 7:54	43401 BENT_T1	0	3	3	0	0	0	0	0	0	0	0	0	0
2/23/2024 7:55	45502 DERR_T2	1	1	0	0.6	0.6	0	0	0	0	0	0	0	0
2/23/2024 7:55	43401 BENT_T1	0	3	3	0	0	0	0	0	0	0	0	0	0
2/23/2024 8:00	43301 WATS_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
2/23/2024 8:00	13501 MCMI_T1	0	1	1	0	0	0	0	0	0	0	0	0	0
2/23/2024 8:01	43302 WATS_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
2/23/2024 8:02	43302 WATS_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
2/23/2024 8:04	43303 WATS_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
2/23/2024 8:16	65002 NEFF_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
2/23/2024 8:30	13904 SEID_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
2/23/2024 8:42	40502 CRES_T2	0	17	17	0	0.2	0.2	0	0	0	0	0	0	0
2/23/2024 8:43	65004 NEFF_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
2/23/2024 8:43	40101 HUNT_T2	27	137	110	0.5	0.51	0.01	0	0	0	0	0	0	0
2/23/2024 8:43	46203 DANV_T2	25	28	3	0.31	0.28	-0.03	0	0	0	0	0	0	0
2/23/2024 8:44	64703 LITT_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
2/23/2024 8:46	64703 LITT_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
2/23/2024 8:48	53601 DALM_T2	1	1	0	1.1	1.1	0	0	0	0	0	0	0	0
2/23/2024 8:57	13501 MCMI_T1	2	1	-1	1.3	0	-1.3	0	0	0	0	0	0	0
2/23/2024 9:00	60803 BUCK_T1	0	1	1	0	0.1	0.1	0	0	0	0	0	0	0
2/23/2024 9:00	47104 MARL_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
2/23/2024 9:00	62607 ENGL_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
2/23/2024 9:00	65004 NEFF_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
2/23/2024 9:00	45502 DERR_T2	0	0	0	0	0	0	0	0	0	0	0	0	0

2/23/2024 9:08	46003 BERW_T2	1	1	0	0.1	0.1	0	0	0	0	0	0	0	0	0
2/23/2024 9:08	40101 HUNT_T2	119	135	16	0.44	0.53	0.09	0	0	0	0	0	0	0	0
2/23/2024 9:09	43402 BENT_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/23/2024 9:10	45501 DERR_T2	0	1	1	0	0	0	0	0	0	0	0	0	0	0
2/23/2024 9:14	49803 UNIV_T1	7	14	7	0.11	0.15	0.04	0	0	0	0	0	0	0	0
2/23/2024 9:15	25404 LAHA_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/23/2024 9:16	43302 WATS_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/23/2024 9:16	64702 LITI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/23/2024 9:16	13503 MCMI_T2	0	1	1	0	0.1	0.1	0	0	0	0	0	0	0	0
2/23/2024 9:17	13904 SEID_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/23/2024 9:18	13502 MCMI_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/23/2024 9:18	43303 WATS_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/23/2024 9:18	64703 LITI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/23/2024 9:20	43303 WATS_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/23/2024 9:24	29401 BELT_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/23/2024 9:24	13501 MCMI_T1	0	1	1	0	0	0	0	0	0	0	0	0	0	0
2/23/2024 9:28	41802 GOCI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/23/2024 9:30	41801 GOCI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/23/2024 9:34	41902 REED_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/23/2024 9:34	55002 NEWP_T1	6	6	0	0.73	0.83	0.1	0	0	0	0	0	0	0	0
2/23/2024 9:35	55001 NEWP_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/23/2024 9:37	67502 WEWI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/23/2024 9:38	46201 DANV_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/23/2024 9:39	56802 BENV_T2	14	38	24	0.19	0.16	-0.03	0	0	0	0	0	0	0	0
2/23/2024 9:40	43302 WATS_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/23/2024 9:40	56802 BENV_T2	14	38	24	0.19	0.16	-0.03	0	0	0	0	0	0	0	0
2/23/2024 9:41	56802 BENV_T2	14	38	24	0.19	0.16	-0.03	0	0	0	0	0	0	0	0
2/23/2024 9:41	46206 DANV_T2	0	1	1	0	0	0	0	0	0	0	0	0	0	0
2/23/2024 9:42	56802 BENV_T2	14	38	24	0.19	0.16	-0.03	0	0	0	0	0	0	0	0
2/23/2024 9:43	26401 INOR_T1	3	5	2	0.3	0.3	0	0	0	0	0	0	0	0	0
2/23/2024 9:44	46202 DANV_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/23/2024 9:51	46701 RENO_T1	1	3	2	7.8	2.73	-5.07	0	0	0	0	0	0	0	0
2/23/2024 9:53	29402 BELT_T1	1	1	0	6.9	6.9	0	0	0	0	0	0	0	0	0
2/23/2024 9:54	67402 WAKE_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/23/2024 9:54	10805 CHHI_T2	11	7	-4	2.38	1.76	-0.62	0	0	0	0	0	0	0	0
2/23/2024 9:56	11804 FRAN_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/23/2024 9:58	26402 INOR_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/23/2024 10:00	57303 MOAL_T2	1	1	0	7.1	7.1	0	0	0	0	0	0	0	0	0
2/23/2024 10:00	13502 MCMI_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/23/2024 10:00	47104 MARL_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/23/2024 10:01	55001 NEWP_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/23/2024 10:01	13503 MCMI_T2	2	3	1	0.2	0.17	-0.03	0	0	0	0	0	0	0	0
2/23/2024 10:01	47101 MARL_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/23/2024 10:03	47104 MARL_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/23/2024 10:04	57304 MOAL_T2	0	1	1	0	0.2	0.2	0	0	0	0	0	0	0	0
2/23/2024 10:04	64101 REFR_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/23/2024 10:05	14402 SSLA_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/23/2024 10:05	42202 SHEN_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/23/2024 10:06	55001 NEWP_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/23/2024 10:06	67203 TEHI_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/23/2024 10:07	40601 PIGR_T1	0	2	2	0	0.1	0.1	0	0	0	0	0	0	0	0
2/23/2024 10:07	46001 BERW_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/23/2024 10:07	60701 BREC_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/23/2024 10:08	40603 PIGR_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/23/2024 10:08	20402 ASHF_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/23/2024 10:08	56802 BENV_T2	34	79	45	0.16	0.18	0.02	0	0	0	0	0	0	0	0
2/23/2024 10:08	67503 WEWI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/23/2024 10:09	20402 ASHF_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/23/2024 10:09	29402 BELT_T1	1	1	0	6.9	7.3	0.4	0	0	0	0	0	0	0	0
2/23/2024 10:09	60701 BREC_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/23/2024 10:10	67201 TEHI_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/23/2024 10:10	10801 CHHI_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/23/2024 10:11	29402 BELT_T1	1	1	0	6.9	7.3	0.4	0	0	0	0	0	0	0	0
2/23/2024 10:11	43001 ALWD_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/23/2024 10:12	29401 BELT_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/23/2024 10:12	56802 BENV_T2	34	79	45	0.16	0.18	0.02	0	0	0	0	0	0	0	0
2/23/2024 10:14	64203 KINZ_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/23/2024 10:16	65004 NEFF_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/23/2024 10:17	54202 PENN_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/23/2024 10:17	64203 KINZ_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/23/2024 10:18	42902 MIDD_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/23/2024 10:18	43202 MVIL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/23/2024 10:19	56501 ROCK_T2	1	6	5	1.6	0.4	-1.2	0	0	0	0	0	0	0	0
2/23/2024 10:19	65902 SAKR_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/23/2024 10:20	56501 ROCK_T2	1	6	5	1.6	0.4	-1.2	0	0	0	0	0	0	0	0
2/23/2024 10:21	67503 WEWI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/23/2024 10:21	42201 SHEN_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/23/2024 10:22	65002 NEFF_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/23/2024 10:23	67401 WAKE_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/23/2024 10:24	45501 DERR_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/23/2024 10:24	15001 BLMO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/23/2024 10:24	59001 MIFF_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/23/2024 10:24	67502 WEWI_T2	0	2	2	0	0.1	0.1	0	0	0	0	0	0	0	0
2/23/2024 10:25	45501 DERR_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/23/2024 10:26	67502 WEWI_T2	0	2	2	0	0.1	0.1	0	0	0	0	0	0	0	0
2/23/2024 10:26	15001 BLMO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/23/2024 10:27	60803 BUCK_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/23/2024 10:27	49803 UNIV_T1	5	4	-1	0.1	0.1	0	0	0	0	0	0	0	0	0
2/23/2024 10:27	54504 ENOL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/23/2024 10:27	15001 BLMO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/23/2024 10:28	17804 GILB_T2	0	1	1	0	0.3	0.3	0	0	0	0	0	0	0	0
2/23/2024 10:28	49803 UNIV_T1	5	4	-1	0.1	0.1	0	0	0	0	0	0	0	0	0
2/23/2024 10:28	46206 DANV_T2	1	2	1	0.7	0.1	-0.6	0	0	0	0	0	0	0	0
2/23/2024 10:28	67401 WAKE_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/23/2024 10:30	17803 GILB_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/23/2024 10:31	13901 SEID_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/23/2024 10:32	54204 PENN_T2	2	2	0	0.2	0.25	0.05	0	0	0	0	0	0	0	0
2/23/2024 10:34	64802 MONE_T2	0	1	1	0	4.2	4.2	0	0	0	0	0	0	0	0
2/23/2024 10:34	65703 RVIL_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/23/2024 10:34	54204 PENN_T2	2	2	0	0.2	0.25	0.05	0	0	0	0	0	0	0	0
2/23/2024 10:34	44901 SCOT_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/23/2024 10:36	45402 WBLO_T2	2	3	1	0.15	0.33	0.18	0	0	0	0	0	0	0	0
2/23/2024 10:36	65701 RVIL_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/23/2024 10:37	65703 RVIL_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/23/2024 10:38	40601 PIGR_T1	1	7	6	0.1	0.11	0.01	0	0	0	0	0	0	0	0
2/23/2024 10:38	65703 RVIL_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/23/2024 10:38	29401 BELT_T1	0	6	6	0	0.12	0.12	0	0	0	0	0	0	0	0
2/23/2024 10:39	67401 WAKE_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/23/2024 10:39	28602 BLYT_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/23/2024 10:40	29402 BELT_T1	1	1	0	7.3	7.9	0.6	0	0	0	0	0	0	0	0
2/23/2024 10:40	43001 ALWD_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/23/2024 10:43	26402 INOR_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/23/2024 10:43	29402 BELT_T1	1	1	0	7.3	7.9	0.6	0	0	0	0	0	0	0	0
2/23/2024 10:44	53901 HALI_T2	1	1	0	0.9	1.1	0.2	0	0	0	0	0	0	0	0
2/23/2024 10:44	67402 WAKE_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/23/2024 10:44	17805 GILB_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/23/2024 10:44	28703 HAML_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/23/2024 10:45	43001 ALWD_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/23/2024 10:45	47101 MARL_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/23/2024 10:45	53902 HALI_T2	1	1	0	5.6	5.7	0.1	0	0	0	0	0	0	0	0
2/23/2024 10:45	46801 HEPB_T2	1	2	1	0.1	0.1	0	0	0	0	0	0	0	0	0
2/23/2024 10:47	53902 HALI_T2	1	1	0	5.6	5.7	0.1	0	0	0	0	0	0	0	0
2/23/2024 10:47	47101 MARL_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/23/2024 10:48	56501 ROCK_T2	3	8	5	0.63	0.39	-0.24	0	0	0	0	0	0	0	0
2/23/2024 10:48	13302 ORVI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/23/2024 10:49	66502 SMAN_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/23/2024 10:52	14802 TREI_T2	1	0	-1	0.1	0	-0.1	0	0	0	0	0	0	0	0
2/23/2024 10:53	27503 WEIS_T2	0	6	6	0	0	0	0	0	0	0	0	0	0	0
2/23/2024 10:54	51103 CARL_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/23/2024 10:54	67202 TEHI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/23/2024 10:54	29402 BELT_T1	1	1	0	7.9	7.5	-0.4	0	0	0	0	0	0	0	0
2/23/2024 10:55	67402 WAKE_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/23/2024 10:56	29402 BELT_T1	1	1	0	7.9	7.5	-0.4	0	0	0	0	0	0	0	0
2/23/2024 10:58	29402 BELT_T1	1	1	0	7.9	7.5	-0.4	0	0	0	0	0	0	0	0
2/23/2024 10:58	51103 CARL_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/23/2024 10:59	45704 LIND_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/23/2024 10:59	49804 UNIV_T1	1	2	1	0.2	0.1	-0.1	0	0	0	0	0	0	0	0
2/23/2024 11:00	67402 WAKE_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/23/2024 11:01	50105 HARR_T3	6	6	0	5.82	5.73	-0.09	0	0	0	0	0	0	0	0
2/23/2024 11:03	43303 WATS_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/23/2024 11:03	43304 WATS_T2	0	1	1	0	0	0	0	0	0	0	0	0	0	0
2/23/2024 11:04	43303 WATS_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/23/2024 11:04	57401 SPAN_T1	2	0	-2	0.25	0	-0.25	0	0	0	0	0	0	0	0
2/23/2024 11:04	44601 SALE_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/23/2024 11:04	48302 ORWI_T2	2	2	0	1.25	0.8	-0.45	0	0	0	0	0	0	0	0
2/23/2024 11:05	57401 SPAN_T1	2	0	-2	0.25	0	-0.25	0	0	0	0	0	0	0	0
2/23/2024 11:05	43301 WATS_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/23/2024 11:05	67605 WARW_T1	16	23	7	0.37	0.38	0.01	0	0	0	0	0	0	0	0
2/23/2024 11:05	48302 ORWI_T2	2	2	0	1.25	0.8	-0.45	0	0	0	0	0	0	0	0
2/23/2024 11:06	57403 SPAN_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/23/2024 11:06	64802 MONE_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/23/2024 11:06	43001 ALWD_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/23/2024 11:06	57403 SPAN_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/23/2024 11:06	56504 ROCK_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/23/2024 11:07	60803 BUCK_T1	0	3	3	0	0.1	0.1	0	0	0	0	0	0	0	0
2/23/2024 11:07	55101 WERT_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/23/2024 11:08	57401 SPAN_T1	2	0	-2	0.25	0	-0.25	0	0	0	0	0	0	0	0
2/23/2024 11:08	57401 SPAN_T1	2	0	-2	0.25	0	-0.25	0	0	0	0	0	0	0	0
2/23/2024 11:10	67402 WAKE_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/23/2024 11:10	67603 WARW_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/23/2024 11:11	43001 ALWD_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/23/2024 11:12	60803 BUCK_T1	0	3	3	0	0.1	0.1	0	0	0	0	0	0	0	0
2/23/2024 11:15	65005 NEFF_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/23/2024 11:16	67401 WAKE_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/23/2024 11:18	43301 WATS_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/23/2024 11:19	42903 MIDD_T2	2	2	0	0.45	0.55	0.1	0	0	0	0	0	0	0	0
2/23/2024 11:19	43304 WATS_T2	1	0	-1	0.4	0	-0.4	0	0	0	0	0	0	0	0
2/23/2024 11:19	17002 RIRO_T2	3	18	15	0.23	0.19	-0.04	0	0	0	0	0	0	0	0
2/23/2024 11:20	55002 NEWP_T1	3	5	2	0.7	0.7	0	0	0	0	0	0	0	0	0
2/23/2024 11:21	43303 WATS_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/23/2024 11:21	48303 ORWI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/23/2024 11:21	67402 WAKE_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/23/2024 11:22	60701 BREC_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/23/2024 11:22	43001 ALWD_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/23/2024 11:23	10805 CHHI_T2	7	7	0	2.3	2.61	0.31	0	0	0	0	0	0	0	0
2/23/2024 11:23	60701 BREC_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/23/2024 11:24	46004 BERW_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/23/2024 11:24	59402 RFLD_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/23/2024 11:25	49803 UNIV_T1	12	5	-7	0.16	0.1	-0.06	0	0	0	0	0	0	0	0
2/23/2024 11:26	67402 WAKE_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/23/2024 11:26	23902 EFMO_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/23/2024 11:26	10805 CHHI_T2	7	7	0	2.3	2.61	0.31	0	0	0	0	0	0	0	0
2/23/2024 11:27	45802 HEGI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/23/2024 11:27	43001 ALWD_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/23/2024 11:27	42401 GIMA_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/23/2024 11:30	43301 WATS_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/23/2024

2/23/2024 11:44	67203 TEHI_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/23/2024 11:44	64202 KINZ_T1	0	2	2	0	0.2	0.2	0	0	0	0	0	0	0	0
2/23/2024 11:44	43001 ALWD_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/23/2024 11:44	40101 HUNT_T2	68	74	6	0.34	0.27	-0.07	0	0	0	0	0	0	0	0
2/23/2024 11:45	54504 ENOL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/23/2024 11:46	26402 INOR_T1	0	2	2	0	0.1	0.1	0	0	0	0	0	0	0	0
2/23/2024 11:46	65503 MOJO_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/23/2024 11:46	40101 HUNT_T2	31	71	40	0.28	0.33	0.05	0	0	0	0	0	0	0	0
2/23/2024 11:48	13901 SEID_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/23/2024 11:48	65701 RVIL_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/23/2024 11:48	46801 HEPB_T2	2	2	0	0.2	0.55	0.35	0	0	0	0	0	0	0	0
2/23/2024 11:49	65703 RVIL_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/23/2024 11:49	54001 SDLE_T1	7	7	0	1.1	1.11	0.01	0	0	0	0	0	0	0	0
2/23/2024 11:50	65703 RVIL_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/23/2024 11:50	54001 SDLE_T1	7	7	0	1.1	1.11	0.01	0	0	0	0	0	0	0	0
2/23/2024 11:51	65703 RVIL_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/23/2024 11:51	56501 ROCK_T2	6	5	-1	0.48	0.22	-0.26	0	0	0	0	0	0	0	0
2/23/2024 11:51	59102 WALK_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/23/2024 11:53	56501 ROCK_T2	6	5	-1	0.48	0.22	-0.26	0	0	0	0	0	0	0	0
2/23/2024 11:57	42401 GIMA_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/23/2024 12:00	64203 KINZ_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/23/2024 12:00	40101 HUNT_T2	66	40	-26	0.49	0.2	-0.29	0	0	0	0	0	0	0	0
2/23/2024 12:01	40101 HUNT_T2	66	40	-26	0.49	0.2	-0.29	0	0	0	0	0	0	0	0
2/23/2024 12:01	65503 MOJO_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/23/2024 12:02	64202 KINZ_T1	2	3	1	0.2	0.47	0.27	0	0	0	0	0	0	0	0
2/23/2024 12:02	40101 HUNT_T2	66	40	-26	0.49	0.2	-0.29	0	0	0	0	0	0	0	0
2/23/2024 12:02	65502 MOJO_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/23/2024 12:03	46803 HEPB_T2	0	1	1	0	0.1	0.1	0	0	0	0	0	0	0	0
2/23/2024 12:04	13902 SEID_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/23/2024 12:04	65703 RVIL_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/23/2024 12:05	65703 RVIL_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/23/2024 12:06	65703 RVIL_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/23/2024 12:06	58401 MORO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/23/2024 12:07	65003 NEFF_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/23/2024 12:07	67001 STHI_T2	1	1	0	0.3	0.4	0.1	0	0	0	0	0	0	0	0
2/23/2024 12:07	65701 RVIL_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/23/2024 12:08	40601 PIGR_T1	18	108	90	0.11	0.21	0.1	0	0	0	0	0	0	0	0
2/23/2024 12:08	67401 WAKE_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/23/2024 12:09	67402 WAKE_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/23/2024 12:09	67001 STHI_T2	1	1	0	0.3	0.4	0.1	0	0	0	0	0	0	0	0
2/23/2024 12:09	59001 MIFF_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/23/2024 12:11	54502 ENOL_T2	1	1	0	0.5	0.6	0.1	0	0	0	0	0	0	0	0
2/23/2024 12:11	65703 RVIL_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/23/2024 12:12	54506 ENOL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/23/2024 12:12	42401 GIMA_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/23/2024 12:13	67402 WAKE_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/23/2024 12:13	40101 HUNT_T2	66	40	-26	0.49	0.2	-0.29	0	0	0	0	0	0	0	0
2/23/2024 12:14	46801 HEPB_T2	2	3	1	0.3	0.4	0.1	0	0	0	0	0	0	0	0
2/23/2024 12:15	64204 KINZ_T1	1	1	0	1	1	0	0	0	0	0	0	0	0	0
2/23/2024 12:15	54505 ENOL_T2	1	1	0	1	1	0	0	0	0	0	0	0	0	0
2/23/2024 12:15	40101 HUNT_T2	36	27	-9	0.34	0.25	-0.09	0	0	0	0	0	0	0	0
2/23/2024 12:17	58401 MORO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/23/2024 12:17	40101 HUNT_T2	36	27	-9	0.34	0.25	-0.09	0	0	0	0	0	0	0	0
2/23/2024 12:20	58402 MORO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/23/2024 12:24	67401 WAKE_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/23/2024 12:26	54505 ENOL_T2	1	1	0	1	1	0	0	0	0	0	0	0	0	0
2/23/2024 12:28	56503 ROCK_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/23/2024 12:28	49803 UNIV_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/23/2024 12:29	67401 WAKE_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/23/2024 12:29	49803 UNIV_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/23/2024 12:33	42002 MNVL_T2	1	1	0	6.3	6.3	0	0	0	0	0	0	0	0	0
2/23/2024 12:35	56503 ROCK_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/23/2024 12:36	54001 SDLE_T1	7	7	0	1.14	1.34	0.2	0	0	0	0	0	0	0	0
2/23/2024 12:37	54001 SDLE_T1	7	7	0	1.14	1.34	0.2	0	0	0	0	0	0	0	0
2/23/2024 12:38	56501 ROCK_T2	7	11	4	0.11	0.15	0.04	0	0	0	0	0	0	0	0
2/23/2024 12:38	56503 ROCK_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/23/2024 12:38	59101 WALK_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/23/2024 12:39	65001 NEFF_T2	105	181	76	0.13	0.15	0.02	0	0	0	0	0	0	0	0
2/23/2024 12:40	67605 WARW_T1	30	38	8	0.54	0.72	0.18	0	0	0	0	0	0	0	0
2/23/2024 12:44	64204 KINZ_T1	1	1	0	0.9	1	0.1	0	0	0	0	0	0	0	0
2/23/2024 12:57	62604 ENGL_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/23/2024 13:02	58402 MORO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/23/2024 13:03	66301 MCGO_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/23/2024 13:03	58402 MORO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/23/2024 13:04	60502 NMAN_T2	1	1	0	0.9	1	0.1	0	0	0	0	0	0	0	0
2/23/2024 13:05	58402 MORO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/23/2024 13:08	10703 CATA_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/23/2024 13:12	49804 UNIV_T1	1	1	0	0.3	0.1	-0.2	0	0	0	0	0	0	0	0
2/23/2024 13:27	67402 WAKE_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/23/2024 13:38	67401 WAKE_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/23/2024 13:43	67402 WAKE_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/23/2024 13:47	40101 HUNT_T2	7	4	-3	0.33	0	-0.33	0	0	0	0	0	0	0	0
2/23/2024 13:49	57103 SPHI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/23/2024 13:53	10703 CATA_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/23/2024 13:53	67402 WAKE_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/23/2024 13:55	44301 BEAV_T2	2	1	-1	0.35	0.1	-0.25	0	0	0	0	0	0	0	0
2/23/2024 13:56	10701 CATA_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/23/2024 13:58	67402 WAKE_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/23/2024 13:59	40901 JESH_T1	0	1	1	0	0.1	0.1	0	0	0	0	0	0	0	0
2/23/2024 14:02	40101 HUNT_T2	0	11	11	0	0.27	0.27	0	0	0	0	0	0	0	0
2/23/2024 14:03	65002 NEFF_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/23/2024 14:04	14403 SSLA_T1	0	4	4	0	0.25	0.25	0	0	0	0	0	0	0	0
2/23/2024 14:05	67002 STHI_T2	2	0	-2	0.1	0	-0.1	0	0	0	0	0	0	0	0
2/23/2024 14:06	54204 PENN_T2	3	3	0	0.37	0.43	0.06	0	0	0	0	0	0	0	0
2/23/2024 14:06	14404 SSLA_T1	2	4	2	0.1	0.2	0.1	0	0	0	0	0	0	0	0
2/23/2024 14:07	14404 SSLA_T1	2	4	2	0.1	0.2	0.1	0	0	0	0	0	0	0	0
2/23/2024 14:07	56501 ROCK_T2	11	12	1	0.29	0.43	0.14	0	0	0	0	0	0	0	0
2/23/2024 14:08	40603 PIGR_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/23/2024 14:08	59102 WALK_T2	3	0	-3	0.13	0	-0.13	0	0	0	0	0	0	0	0
2/23/2024 14:08	67001 STHI_T2	3	3	0	0.3	0.17	-0.13	0	0	0	0	0	0	0	0
2/23/2024 14:09	67401 WAKE_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/23/2024 14:11	60801 BUCK_T1	0	1	1	0	0.1	0.1	0	0	0	0	0	0	0	0
2/23/2024 14:11	67201 TEHI_T1	0	60	60	0	0.23	0.23	0	0	0	0	0	0	0	0
2/23/2024 14:12	60803 BUCK_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/23/2024 14:13	40101 HUNT_T2	0	11	11	0	0.27	0.27	0	0	0	0	0	0	0	0
2/23/2024 14:13	54504 ENOL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/23/2024 14:13	67201 TEHI_T1	0	60	60	0	0.23	0.23	0	0	0	0	0	0	0	0
2/23/2024 14:13	49804 UNIV_T1	1	1	0	0.4	0.7	0.3	0	0	0	0	0	0	0	0
2/23/2024 14:14	67202 TEHI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/23/2024 14:14	67402 WAKE_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/23/2024 14:15	44701 MUNC_T2	2	10	8	0.2	0.25	0.05	0	0	0	0	0	0	0	0
2/23/2024 14:15	25603 GRWD_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/23/2024 14:15	40903 JESH_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/23/2024 14:15	64301 LINC_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/23/2024 14:15	58402 MORO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/23/2024 14:16	43201 MVIL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/23/2024 14:16	58401 MORO_T1	0	1	1	0	0	0	0	0	0	0	0	0	0	0
2/23/2024 14:16	54504 ENOL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/23/2024 14:17	44701 MUNC_T2	2	10	8	0.2	0.25	0.05	0	0	0	0	0	0	0	0
2/23/2024 14:17	43302 WATS_T2	4	4	0	0.18	0.18	0	0	0	0	0	0	0	0	0
2/23/2024 14:17	14403 SSLA_T1	3	2	-1	0.13	0.4	0.27	0	0	0	0	0	0	0	0
2/23/2024 14:17	58402 MORO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/23/2024 14:17	40101 HUNT_T2	4	22	18	0.25	0.22	-0.03	0	0	0	0	0	0	0	0
2/23/2024 14:18	43302 WATS_T2	4	4	0	0.18	0.18	0	0	0	0	0	0	0	0	0
2/23/2024 14:18	42001 MNVL_T2	1	3	2	0.1	0.17	0.07	0	0	0	0	0	0	0	0
2/23/2024 14:18	54204 PENN_T2	3	3	0	0.37	0.47	0.1	0	0	0	0	0	0	0	0
2/23/2024 14:18	58402 MORO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/23/2024 14:18	43304 WATS_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/23/2024 14:18	44601 SALE_T2	1	1	0	0.3	0.3	0	0	0	0	0	0	0	0	0
2/23/2024 14:19	43303 WATS_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/23/2024 14:19	42802 SELI_T1	1	2	1	0.7	0.45	-0.25	0	0	0	0	0	0	0	0
2/23/2024 14:19	58402 MORO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/23/2024 14:19	43303 WATS_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/23/2024 14:19	43201 MVIL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/23/2024 14:19	54202 PENN_T2	18	50	32	0.13	0.16	0.03	0	0	0	0	0	0	0	0
2/23/2024 14:20	67001 STHI_T2	3	2	-1	0.13	0.2	0.07	0	0	0	0	0	0	0	0
2/23/2024 14:21	42802 SELI_T1	1	2	1	0.7	0.45	-0.25	0	0	0	0	0	0	0	0
2/23/2024 14:21	54602 SUMM_T2	16	16	0	0.61	0.79	0.18	0	0	0	0	0	0	0	0
2/23/2024 14:21	43202 MVIL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/23/2024 14:22	56504 ROCK_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/23/2024 14:22	45602 WOOL_T1	10	12	2	0.79	0.63	-0.16	0	0	0	0	0	0	0	0
2/23/2024 14:22	54602 SUMM_T2	16	16	0	0.61	0.79	0.18	0	0	0	0	0	0	0	0
2/23/2024 14:22	66901 SHIL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/23/2024 14:23	46002 BERW_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/23/2024 14:23	56504 ROCK_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/23/2024 14:23	56503 ROCK_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/23/2024 14:23	67002 STHI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/23/2024 14:23	29401 BELT_T1	3	30	27	0.1	0.14	0.04	0	0	0	0	0	0	0	0
2/23/2024 14:23	29402 BELT_T1	1	1	0	7.8	8.1	0.3	0	0	0	0	0	0	0	0
2/23/2024 14:24	67603 WARW_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/23/2024 14:24	29401 BELT_T1	3	30	27	0.1	0.14	0.04	0	0	0	0	0	0	0	0
2/23/2024 14:24	56501 ROCK_T2	10	13	3	0.39	0.49	0.1	0	0	0	0	0	0	0	0
2/23/2024 14:24	67401 WAKE_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/23/2024 14:24	40603 PIGR_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/23/2024 14:24	43201 MVIL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/23/2024 14:25	67402 WAKE_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/23/2024 14:25	29401 BELT_T1	3	30	27	0.1	0.14	0.04	0	0	0	0	0	0	0	0
2/23/2024 14:26	29401 BELT_T1	3	30	27	0.1	0.14	0.04	0	0	0	0	0	0	0	0
2/23/2024 14:26	60803 BUCK_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/23/2024 14:26	10803 CHHI_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/23/2024 14:26	29401 BELT_T1	3	30	27	0.1	0.14	0.04	0	0	0	0	0	0	0	0
2/23/2024 14:26	43001 ALWD_T1	4	5	1	0.5	0.52	0.02	0	0	0	0	0	0	0	0
2/23/2024 14:26	10805 CHHI_T2	1	1	0	8.2	7.1	-1.1	0	0	0	0	0	0	0	0
2/23/2024 14:27	17803 GILB_T2	2	4	2	0.15	0.13	-0.02	0	0	0	0	0	0	0	0
2/23/2024 14:27	10805 CHHI_T2	1	1	0	8.2	7.1	-1.1	0	0	0	0	0	0	0	0
2/23/2024 14:27	17802 GILB_T1	1	2	1	0.1	0.6	0.5	0	0	0	0	0	0	0	0
2/23/2024 14:27	29401 BELT_T1	3	30	27	0.1	0.14	0.04	0	0	0	0	0	0	0	0
2/23/2024 14:28	64204 KINZ_T1	1	1	0	1.2	1.2	0	0	0	0	0	0	0	0	0
2/23/2024 14:28	10801 CHHI_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/23/2024 14:28	60803 BUCK_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/23/2024 14:28	49803 UNIV_T1	16	17	1	0.14	0.17	0.03	0	0	0	0	0	0	0	0
2/23/2024 14:28	10805 CHHI_T2	1	1	0	8.2	7.1	-1.1	0	0	0	0	0	0	0	0
2/23/2024 14:29	65002 NEFF_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/23/2024 14:29	11804 FRAN_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/23/2024 14:29	25404 LAHA_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/23/2024 14:29	40101 HUNT_T2	4	22	18	0.25	0.22	-0.03	0	0	0	0	0	0	0	0
2/23/2024 14:30	17804 GILB_T2	1	1	0	0.9	1.2	0.3	0	0	0	0	0	0	0	0
2/23/2024 14:30	17804 GILB_T2	1	1	0	0.9	1.2	0.3	0	0	0	0	0	0	0	0
2/23/2024 14:30	67402 WAKE_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/23/2024 14:30	46803 HEPB_T2	8	8	0	0.28	0.26	-0.02	0	0	0	0	0	0	0	0
2/23/2024 14:30	40101 HUNT_T2	10	22	12	0.29	0.22	-0.07	0	0	0	0	0	0	0	0
2/23/2024 14:30	40903 JESH_T1	0	1	1	0	0.1	0.1	0	0	0	0	0	0	0	0
2/23/2024 14:30	17802 GILB_T1	2	2	0	0.6	0.4	-0.2	0	0	0	0	0	0	0	0
2/23/2024 14:31	43202 MVIL_T2	0	4	4	0	0.1	0.1	0	0	0	0	0	0	0	0

2/23/2024 14:35	54203 PENN_T1	56	81	25	0.58	0.46	-0.12	0	0	0	0	0	0	0	0
2/23/2024 14:35	44702 MUNC_T2	15	79	64	0.13	0.25	0.12	0	0	0	0	0	0	0	0
2/23/2024 14:35	54204 PENN_T2	3	3	0	0.43	0.47	0.04	0	0	0	0	0	0	0	0
2/23/2024 14:35	43201 MVIL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/23/2024 14:35	42901 MIDD_T2	1	0	-1	0.4	0	-0.4	0	0	0	0	0	0	0	0
2/23/2024 14:35	57401 SPAN_T1	2	2	0	0.45	0.25	-0.2	0	0	0	0	0	0	0	0
2/23/2024 14:36	54602 SUMM_T2	16	16	0	0.66	0.79	0.13	0	0	0	0	0	0	0	0
2/23/2024 14:36	56504 ROCK_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/23/2024 14:36	67001 STHI_T2	1	2	1	0.3	0.25	-0.05	0	0	0	0	0	0	0	0
2/23/2024 14:36	13503 MCMI_T2	46	0	-46	0.21	0	-0.21	0	0	0	0	0	0	0	0
2/23/2024 14:36	54206 PENN_T2	28	21	-7	0.15	0.15	0	0	0	0	0	0	0	0	0
2/23/2024 14:36	67002 STHI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/23/2024 14:37	54603 SUMM_T2	2	2	0	0.5	0.55	0.05	0	0	0	0	0	0	0	0
2/23/2024 14:37	56504 ROCK_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/23/2024 14:37	13302 ORVI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/23/2024 14:38	46004 BERW_T2	4	4	0	0.33	0.1	-0.23	0	0	0	0	0	0	0	0
2/23/2024 14:38	45602 WOOL_T1	10	12	2	0.72	0.63	-0.09	0	0	0	0	0	0	0	0
2/23/2024 14:38	56504 ROCK_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/23/2024 14:38	54603 SUMM_T2	2	2	0	0.5	0.55	0.05	0	0	0	0	0	0	0	0
2/23/2024 14:38	67001 STHI_T2	1	2	1	0.3	0.25	-0.05	0	0	0	0	0	0	0	0
2/23/2024 14:38	60801 BUCK_T1	1	4	3	0.1	0.1	0	0	0	0	0	0	0	0	0
2/23/2024 14:38	57403 SPAN_T1	0	1	1	0	0.3	0.3	0	0	0	0	0	0	0	0
2/23/2024 14:38	43001 ALWD_T1	4	7	3	0.63	0.33	-0.3	0	0	0	0	0	0	0	0
2/23/2024 14:39	29402 BELT_T1	1	1	0	8.1	8.1	0	0	0	0	0	0	0	0	0
2/23/2024 14:39	10805 CHHI_T2	1	1	0	7.4	7.1	-0.3	0	0	0	0	0	0	0	0
2/23/2024 14:39	56504 ROCK_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/23/2024 14:39	67001 STHI_T2	1	2	1	0.3	0.25	-0.05	0	0	0	0	0	0	0	0
2/23/2024 14:39	59102 WALK_T2	0	1	1	0	0.1	0.1	0	0	0	0	0	0	0	0
2/23/2024 14:39	46002 BERW_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/23/2024 14:39	56504 ROCK_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/23/2024 14:39	29402 BELT_T1	1	1	0	8.1	8.1	0	0	0	0	0	0	0	0	0
2/23/2024 14:39	60201 ATGL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/23/2024 14:40	67402 WAKE_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/23/2024 14:40	67604 WARW_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/23/2024 14:40	40603 PIGR_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/23/2024 14:40	29402 BELT_T1	1	1	0	8.1	8.1	0	0	0	0	0	0	0	0	0
2/23/2024 14:41	29402 BELT_T1	1	1	0	8.1	8.1	0	0	0	0	0	0	0	0	0
2/23/2024 14:41	67605 WARW_T1	32	35	3	0.67	0.69	0.02	0	0	0	0	0	0	0	0
2/23/2024 14:41	10805 CHHI_T2	1	1	0	7.4	7.1	-0.3	0	0	0	0	0	0	0	0
2/23/2024 14:41	47002 HUGH_T2	7	3	-4	0.23	0.17	-0.06	0	0	0	0	0	0	0	0
2/23/2024 14:41	43001 ALWD_T1	4	7	3	0.63	0.33	-0.3	0	0	0	0	0	0	0	0
2/23/2024 14:41	29401 BELT_T1	16	28	12	0.13	0.14	0.01	0	0	0	0	0	0	0	0
2/23/2024 14:42	60803 BUCK_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/23/2024 14:42	47001 HUGH_T2	1	4	3	0.1	0.28	0.18	0	0	0	0	0	0	0	0
2/23/2024 14:42	29401 BELT_T1	16	28	12	0.13	0.14	0.01	0	0	0	0	0	0	0	0
2/23/2024 14:42	10801 CHHI_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/23/2024 14:43	10805 CHHI_T2	1	1	0	7.4	7.1	-0.3	0	0	0	0	0	0	0	0
2/23/2024 14:43	54502 ENOL_T2	1	1	0	0.2	0.3	0.1	0	0	0	0	0	0	0	0
2/23/2024 14:43	43001 ALWD_T1	4	7	3	0.63	0.33	-0.3	0	0	0	0	0	0	0	0
2/23/2024 14:44	64203 KINZ_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/23/2024 14:44	42401 GIMA_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/23/2024 14:45	54502 ENOL_T2	1	1	0	0.3	0.3	0	0	0	0	0	0	0	0	0
2/23/2024 14:45	65003 NEFF_T2	30	63	33	0.16	0.14	-0.02	0	0	0	0	0	0	0	0
2/23/2024 14:45	67401 WAKE_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/23/2024 14:45	40101 HUNT_T2	22	5	-17	0.36	0	-0.36	0	0	0	0	0	0	0	0
2/23/2024 14:45	44703 MUNC_T2	4	4	0	1.08	1.2	0.12	0	0	0	0	0	0	0	0
2/23/2024 14:45	42001 MNVL_T2	1	1	0	0.2	0.1	-0.1	0	0	0	0	0	0	0	0
2/23/2024 14:46	40902 JESH_T1	1	2	1	0.2	0.15	-0.05	0	0	0	0	0	0	0	0
2/23/2024 14:46	46801 HEPB_T2	16	32	16	0.21	0.24	0.03	0	0	0	0	0	0	0	0
2/23/2024 14:46	43001 ALWD_T1	5	8	3	0.4	0.3	-0.1	0	0	0	0	0	0	0	0
2/23/2024 14:47	58402 MORO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/23/2024 14:47	43201 MVIL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/23/2024 14:47	13503 MCMI_T2	0	55	55	0	0.19	0.19	0	0	0	0	0	0	0	0
2/23/2024 14:47	54202 PENN_T2	42	34	-8	0.16	0.16	0	0	0	0	0	0	0	0	0
2/23/2024 14:48	58401 MORO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/23/2024 14:48	13903 SEID_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/23/2024 14:48	43303 WATS_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/23/2024 14:49	43303 WATS_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/23/2024 14:49	44701 MUNC_T2	10	12	2	0.25	0.27	0.02	0	0	0	0	0	0	0	0
2/23/2024 14:49	65005 NEFF_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/23/2024 14:49	44601 SALE_T2	1	1	0	0.2	0.5	0.3	0	0	0	0	0	0	0	0
2/23/2024 14:49	54206 PENN_T2	12	18	6	0.19	0.16	-0.03	0	0	0	0	0	0	0	0
2/23/2024 14:49	42902 MIDD_T2	8	16	8	0.2	0.24	0.04	0	0	0	0	0	0	0	0
2/23/2024 14:50	43302 WATS_T2	4	4	0	0.18	0.6	0.42	0	0	0	0	0	0	0	0
2/23/2024 14:50	44601 SALE_T2	1	1	0	0.2	0.5	0.3	0	0	0	0	0	0	0	0
2/23/2024 14:50	65503 MOJO_T2	51	3	-48	0.14	0.15	0.01	0	0	0	0	0	0	0	0
2/23/2024 14:50	54206 PENN_T2	12	18	6	0.19	0.16	-0.03	0	0	0	0	0	0	0	0
2/23/2024 14:50	43304 WATS_T2	0	1	1	0	0	0	0	0	0	0	0	0	0	0
2/23/2024 14:50	54206 PENN_T2	12	18	6	0.19	0.16	-0.03	0	0	0	0	0	0	0	0
2/23/2024 14:50	58401 MORO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/23/2024 14:50	13302 ORVI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/23/2024 14:50	67402 WAKE_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/23/2024 14:50	47802 MOCA_T2	0	2	2	0	0.1	0.1	0	0	0	0	0	0	0	0
2/23/2024 14:51	58401 MORO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/23/2024 14:51	43201 MVIL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/23/2024 14:51	43201 MVIL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/23/2024 14:52	43001 ALWD_T1	5	8	3	0.4	0.3	-0.1	0	0	0	0	0	0	0	0
2/23/2024 14:52	60701 BREC_T1	0	5	5	0	0.1	0.1	0	0	0	0	0	0	0	0
2/23/2024 14:54	60701 BREC_T1	0	5	5	0	0.1	0.1	0	0	0	0	0	0	0	0
2/23/2024 14:54	56503 ROCK_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/23/2024 14:55	49804 UNIV_T1	0	4	4	0	0.13	0.13	0	0	0	0	0	0	0	0
2/23/2024 14:56	67402 WAKE_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/23/2024 14:57	46002 BERW_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/23/2024 14:57	49803 UNIV_T1	16	35	19	0.18	0.21	0.03	0	0	0	0	0	0	0	0
2/23/2024 14:57	43001 ALWD_T1	5	8	3	0.4	0.3	-0.1	0	0	0	0	0	0	0	0
2/23/2024 14:59	41801 GOCI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/23/2024 15:01	40101 HUNT_T2	5	0	-5	0.28	0	-0.28	0	0	0	0	0	0	0	0
2/23/2024 15:02	58401 MORO_T1	0	1	1	0	0	0	0	0	0	0	0	0	0	0
2/23/2024 15:02	64301 LINC_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/23/2024 15:03	14402 SSLA_T1	2	2	0	0.2	0.15	-0.05	0	0	0	0	0	0	0	0
2/23/2024 15:04	42001 MNVL_T2	1	17	16	0.1	0.15	0.05	0	0	0	0	0	0	0	0
2/23/2024 15:05	56504 ROCK_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/23/2024 15:05	58301 NOTT_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/23/2024 15:05	59101 WALK_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/23/2024 15:07	43001 ALWD_T1	7	6	-1	0.31	0.13	-0.18	0	0	0	0	0	0	0	0
2/23/2024 15:07	56504 ROCK_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/23/2024 15:07	14401 SSLA_T1	1	1	0	0.1	0.2	0.1	0	0	0	0	0	0	0	0
2/23/2024 15:07	46004 BERW_T2	1	4	3	0.1	0.3	0.2	0	0	0	0	0	0	0	0
2/23/2024 15:07	60701 BREC_T1	0	5	5	0	0.1	0.1	0	0	0	0	0	0	0	0
2/23/2024 15:08	56501 ROCK_T2	25	14	-11	0.34	0.47	0.13	0	0	0	0	0	0	0	0
2/23/2024 15:09	56504 ROCK_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/23/2024 15:09	67401 WAKE_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/23/2024 15:10	62606 ENGL_T1	0	1	1	0	0.1	0.1	0	0	0	0	0	0	0	0
2/23/2024 15:10	56504 ROCK_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/23/2024 15:11	62601 ENGL_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/23/2024 15:13	43001 ALWD_T1	7	6	-1	0.31	0.13	-0.18	0	0	0	0	0	0	0	0
2/23/2024 15:13	60701 BREC_T1	0	5	5	0	0.1	0.1	0	0	0	0	0	0	0	0
2/23/2024 15:14	61304 EARL_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/23/2024 15:14	67401 WAKE_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/23/2024 15:15	62601 ENGL_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/23/2024 15:16	13503 MCMI_T2	55	16	-39	0.19	0.16	-0.03	0	0	0	0	0	0	0	0
2/23/2024 15:19	47401 PENS_T1	1	3	2	0.2	0.3	0.1	0	0	0	0	0	0	0	0
2/23/2024 15:19	17002 RIRO_T2	1	3	2	0.2	0.13	-0.07	0	0	0	0	0	0	0	0
2/23/2024 15:20	47401 PENS_T1	1	3	2	0.2	0.3	0.1	0	0	0	0	0	0	0	0
2/23/2024 15:20	14404 SSLA_T1	2	2	0	0.15	0.15	0	0	0	0	0	0	0	0	0
2/23/2024 15:22	66703 STRA_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/23/2024 15:22	56501 ROCK_T2	13	14	1	0.45	0.5	0.05	0	0	0	0	0	0	0	0
2/23/2024 15:23	43001 ALWD_T1	5	9	4	0.14	0.13	-0.01	0	0	0	0	0	0	0	0
2/23/2024 15:24	56503 ROCK_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/23/2024 15:24	59202 THOM_T1	13	61	48	0.2	0.24	0.04	0	0	0	0	0	0	0	0
2/23/2024 15:25	56504 ROCK_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/23/2024 15:25	67401 WAKE_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/23/2024 15:27	60101 COCA_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/23/2024 15:27	46004 BERW_T2	4	5	1	0.35	0.3	-0.05	0	0	0	0	0	0	0	0
2/23/2024 15:27	56801 BENV_T1	36	41	5	0.8	0.79	-0.01	0	0	0	0	0	0	0	0
2/23/2024 15:27	26402 INOR_T1	3	13	10	0.27	0.24	-0.03	0	0	0	0	0	0	0	0
2/23/2024 15:28	43001 ALWD_T1	5	9	4	0.14	0.13	-0.01	0	0	0	0	0	0	0	0
2/23/2024 15:29	60101 COCA_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/23/2024 15:30	67401 WAKE_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/23/2024 15:31	42901 MIDD_T2	2	21	19	0.3	0.14	-0.16	0	0	0	0	0	0	0	0
2/23/2024 15:32	26402 INOR_T1	7	14	7	0.23	0.23	0	0	0	0	0	0	0	0	0
2/23/2024 15:34	13503 MCMI_T2	3	16	13	0.13	0.16	0.03	0	0	0	0	0	0	0	0
2/23/2024 15:35	59201 THOM_T1	3	6	3	0.23	0.22	-0.01	0	0	0	0	0	0	0	0
2/23/2024 15:35	67401 WAKE_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/23/2024 15:35	42002 MNVL_T2	1	1	0	6.2	6.2	0	0	0	0	0	0	0	0	0
2/23/2024 15:37	59201 THOM_T1	3	6	3	0.23	0.22	-0.01	0	0	0	0	0	0	0	0
2/23/2024 15:39	43001 ALWD_T1	4	10	6	0.13	0.14	0.01	0	0	0	0	0	0	0	0
2/23/2024 15:40	67402 WAKE_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/23/2024 15:44	17804 GILB_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/23/2024 15:44	43001 ALWD_T1	4	10	6	0.13	0.14	0.01	0	0	0	0	0	0	0	0
2/23/2024 15:47	43303 WATS_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/23/2024 15:48	42902 MIDD_T2	27	35	8	0.32	0.35	0.03	0	0	0	0	0	0	0	0
2/23/2024 15:52	14402 SSLA_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/23/2024 15:52	24902 WHHA_T1	1	2	1	0.4	0.6	0.2	0	0	0	0	0	0	0	0
2/23/2024 15:54	60101 COCA_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/23/2024 15:59	25402 LAHA_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/23/2024 16:01	52002 LING_T2	1	1	0	0.7	0.8	0.1	0	0	0	0	0	0	0	0
2/23/2024 16:03	65002 NEFF_T2	1	0	-1	0.1	0	-0.1	0	0	0	0	0	0	0	0
2/23/2024 16:04	59402 RFLD_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/23/2024 16:05	59402 RFLD_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/23/2024 16:06	59402 RFLD_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/23/2024 16:07	67402 WAKE_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/23/2024 16:12	67401 WAKE_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/23/2024 16:18	40902 JESH_T1	0	2	2	0	0.1	0.1	0	0	0	0	0	0	0	0
2/23/2024 16:20	59402 RFLD_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/23/2024 16:21	59402 RFLD_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/23/2024 16:22	67401 WAKE_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/23/2024 16:23	29401 BELT_T1	0	1	1	0	0.1	0.1	0	0	0	0	0	0	0	0
2/23/2024 16:25	67901 WNHO_T2	0	18	18	0	0.16	0.16	0	0	0	0	0	0	0	0
2/23/2024 16:28	67402 WAKE_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/23/2024 16:29	11805 FRAN_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/23/2024 16:45	65005 NEFF_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/23/2024 16:51	54504 ENOL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/23/2024 16:52	59002 MIFF_T1	1	5	4	0.1	0.2	0.1	0	0	0	0	0	0	0	0
2/23/2024 16:54	67402 WAKE_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/23/2024 16:59	67401 WAKE_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/23/2024 17:01	65002 NEFF_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/23/2024 17:33	65002 NEFF_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/23/2024 17:34	58402 MORO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/23/2024 17:35	58401 MORO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/23/2024 18:18	40101 HUNT_T2	3	8	5	0.33	0.37	0.04	0	0	0	0	0	0	0	0
2/23/2024 18:46	65002 NEFF_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/23/2024 19:28	44901 SCOT_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/23/2024 19:33	65001 NEFF_T2	231	242

2/23/2024 19:54	47802 MOCA_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
2/23/2024 19:54	42002 MNVL_T2	1	1	0	5.5	5.4	-0.1	0	0	0	0	0	0	0
2/23/2024 19:54	49804 UNIV_T1	0	2	2	0	0.1	0.1	0	0	0	0	0	0	0
2/23/2024 19:54	58401 MORO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
2/23/2024 19:54	48303 ORWI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
2/23/2024 19:54	26402 INOR_T1	0	1	1	0	0	0	0	0	0	0	0	0	0
2/23/2024 19:54	44601 SALE_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
2/23/2024 19:55	17803 GILB_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
2/23/2024 19:55	17801 GILB_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
2/23/2024 19:55	10707 CATA_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
2/23/2024 19:55	29402 BELT_T1	2	2	0	3.1	3.85	0.75	0	0	0	0	0	0	0
2/23/2024 19:55	46702 RENO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
2/23/2024 19:55	43202 MVIL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
2/23/2024 19:55	13302 ORVI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
2/23/2024 19:55	46001 BERW_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
2/23/2024 19:55	48302 ORWI_T2	2	2	0	1.1	1.15	0.05	0	0	0	0	0	0	0
2/23/2024 19:55	23902 EFMO_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
2/23/2024 19:55	25402 LAHA_T2	0	1	1	0	0	0	0	0	0	0	0	0	0
2/23/2024 19:55	67502 WEWI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
2/23/2024 19:56	47101 MARL_T1	14	26	12	0.57	0	-0.57	0	0	0	0	0	0	0
2/23/2024 19:56	67605 WARW_T1	1	7	6	0.2	0.19	-0.01	0	0	0	0	0	0	0
2/23/2024 19:56	28604 BLYT_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
2/23/2024 19:56	26401 INOR_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
2/23/2024 19:56	47001 HUGH_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
2/23/2024 19:56	40101 HUNT_T2	6	5	-1	0.43	0.15	-0.28	0	0	0	0	0	0	0
2/23/2024 19:56	29402 BELT_T1	2	2	0	3.1	3.85	0.75	0	0	0	0	0	0	0
2/23/2024 19:56	67002 STHI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
2/23/2024 19:56	60102 COCA_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
2/23/2024 19:56	57403 SPAN_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
2/23/2024 19:56	60701 BREC_T1	0	35	35	0	0.14	0.14	0	0	0	0	0	0	0
2/23/2024 19:56	46801 HEPB_T2	16	18	2	0.22	0.18	-0.04	0	0	0	0	0	0	0
2/23/2024 19:56	49803 UNIV_T1	13	20	7	0.12	0.15	0.03	0	0	0	0	0	0	0
2/23/2024 19:56	10805 CHHI_T2	6	7	1	1.5	1.56	0.06	0	0	0	0	0	0	0
2/23/2024 19:56	20401 ASHF_T2	2	2	0	0.25	0.45	0.2	0	0	0	0	0	0	0
2/23/2024 19:56	17804 GILB_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
2/23/2024 19:57	54602 SUMM_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
2/23/2024 19:57	11804 FRAN_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
2/23/2024 19:57	61303 EARL_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
2/23/2024 19:57	27503 WEIS_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
2/23/2024 19:57	10705 CATA_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
2/23/2024 19:57	13503 MCMI_T2	0	1	1	0	0.1	0.1	0	0	0	0	0	0	0
2/23/2024 19:57	56504 ROCK_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
2/23/2024 19:57	60803 BUCK_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
2/23/2024 19:57	55001 NEWP_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
2/23/2024 19:57	20403 ASHF_T2	0	1	1	0	0	0	0	0	0	0	0	0	0
2/23/2024 19:57	54505 ENOL_T2	1	1	0	0.5	0.5	0	0	0	0	0	0	0	0
2/23/2024 19:57	45402 WBLO_T2	45	52	7	0.3	0.37	0.07	0	0	0	0	0	0	0
2/23/2024 19:57	67002 STHI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
2/23/2024 19:57	15001 BLMO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
2/23/2024 19:57	45501 DERR_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
2/23/2024 19:57	10801 CHHI_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
2/23/2024 19:58	65005 NEFF_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
2/23/2024 19:58	56504 ROCK_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
2/23/2024 19:58	67002 STHI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
2/23/2024 19:58	43001 ALWD_T1	5	6	1	0.1	0.12	0.02	0	0	0	0	0	0	0
2/23/2024 19:58	56504 ROCK_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
2/23/2024 19:58	44701 MUNC_T2	3	0	-3	0.1	0	-0.1	0	0	0	0	0	0	0
2/23/2024 19:58	43401 BENT_T1	0	2	2	0	0	0	0	0	0	0	0	0	0
2/23/2024 19:58	56802 BENV_T2	1	2	1	0.1	0.15	0.05	0	0	0	0	0	0	0
2/23/2024 19:58	57301 MOAL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
2/23/2024 19:58	43302 WATS_T2	4	3	-1	0.3	0.17	-0.13	0	0	0	0	0	0	0
2/23/2024 19:58	41802 GOCI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
2/23/2024 19:58	67201 TEHI_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
2/23/2024 19:58	60701 BREC_T1	0	35	35	0	0.14	0.14	0	0	0	0	0	0	0
2/23/2024 19:58	57401 SPAN_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
2/23/2024 19:58	14402 SSLA_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
2/23/2024 19:58	47101 MARL_T1	14	26	12	0.57	0	-0.57	0	0	0	0	0	0	0
2/23/2024 19:58	57403 SPAN_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
2/23/2024 19:58	64703 LITI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
2/23/2024 19:58	67503 WEWI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
2/23/2024 19:58	45501 DERR_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
2/23/2024 19:58	54601 SUMM_T2	1	1	0	0.3	0.5	0.2	0	0	0	0	0	0	0
2/23/2024 19:58	40101 HUNT_T2	6	5	-1	0.43	0.15	-0.28	0	0	0	0	0	0	0
2/23/2024 19:59	42201 SHEN_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
2/23/2024 19:59	56504 ROCK_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
2/23/2024 19:59	65003 NEFF_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
2/23/2024 19:59	65502 MOID_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
2/23/2024 19:59	42903 MIDD_T2	2	2	0	0.95	1.25	0.3	0	0	0	0	0	0	0
2/23/2024 19:59	54502 ENOL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
2/23/2024 19:59	40101 HUNT_T2	6	5	-1	0.43	0.15	-0.28	0	0	0	0	0	0	0
2/23/2024 19:59	62604 ENGL_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
2/23/2024 19:59	54505 ENOL_T2	1	1	0	0.5	0.5	0	0	0	0	0	0	0	0
2/23/2024 19:59	47403 PENS_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
2/23/2024 19:59	43302 WATS_T2	4	3	-1	0.3	0.17	-0.13	0	0	0	0	0	0	0
2/23/2024 19:59	59101 WALK_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
2/23/2024 19:59	15001 BLMO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
2/23/2024 19:59	60101 COCA_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
2/23/2024 19:59	56501 ROCK_T2	4	9	5	0.35	0.28	-0.07	0	0	0	0	0	0	0
2/23/2024 19:59	67503 WEWI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
2/23/2024 19:59	43304 WATS_T2	11	4	-7	0.28	0	-0.28	0	0	0	0	0	0	0
2/23/2024 19:59	60201 ATGL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
2/23/2024 19:59	58301 NOTT_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
2/23/2024 19:59	55002 NEWP_T1	6	5	-1	1.12	0.94	-0.18	0	0	0	0	0	0	0
2/23/2024 19:59	67002 STHI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
2/23/2024 19:59	45501 DERR_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
2/23/2024 19:59	64703 LITI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
2/23/2024 19:59	54202 PENN_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
2/23/2024 19:59	46002 BERW_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
2/23/2024 19:59	47101 MARL_T1	14	26	12	0.57	0	-0.57	0	0	0	0	0	0	0
2/23/2024 20:00	54206 PENN_T2	1	2	1	0.1	0.1	0	0	0	0	0	0	0	0
2/23/2024 20:00	46204 DANV_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
2/23/2024 20:00	67906 WNHO_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
2/23/2024 20:00	67401 WAKE_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
2/23/2024 20:00	43401 BENT_T1	1	1	0	0.7	0	-0.7	0	0	0	0	0	0	0
2/23/2024 20:00	41902 REED_T1	2	0	-2	0.2	0	-0.2	0	0	0	0	0	0	0
2/23/2024 20:00	65001 NEFF_T2	242	247	5	0.48	0.67	0.19	0	0	0	0	0	0	0
2/23/2024 20:00	56801 BENV_T1	24	19	-5	0.28	0.27	-0.01	0	0	0	0	0	0	0
2/23/2024 20:00	44701 MUNC_T2	0	1	1	0	0.1	0.1	0	0	0	0	0	0	0
2/23/2024 20:00	59402 RFLD_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
2/23/2024 20:00	45701 LIND_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
2/23/2024 20:00	40601 PIGR_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
2/23/2024 20:00	47101 MARL_T1	5	0	-5	0.34	0	-0.34	0	0	0	0	0	0	0
2/23/2024 20:00	53602 DALM_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
2/23/2024 20:00	47401 PENS_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
2/23/2024 20:00	53901 HALI_T2	0	2	2	0	0.1	0.1	0	0	0	0	0	0	0
2/23/2024 20:00	56802 BENV_T2	2	2	0	0.1	0.2	0.1	0	0	0	0	0	0	0
2/23/2024 20:00	59102 WALK_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
2/23/2024 20:00	67202 TEHI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
2/23/2024 20:00	40603 PIGR_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
2/23/2024 20:00	43303 WATS_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
2/23/2024 20:00	41802 GOCI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
2/23/2024 20:00	57403 SPAN_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
2/23/2024 20:00	15001 BLMO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
2/23/2024 20:00	42903 MIDD_T2	2	2	0	1.2	1.25	0.05	0	0	0	0	0	0	0
2/23/2024 20:00	43202 MVIL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
2/23/2024 20:00	43302 WATS_T2	3	3	0	0.1	0.2	0.1	0	0	0	0	0	0	0
2/23/2024 20:00	55001 NEWP_T1	0	1	1	0	0.1	0.1	0	0	0	0	0	0	0
2/23/2024 20:01	14402 SSLA_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
2/23/2024 20:01	51102 CARL_T1	6	40	34	0.17	0.17	0	0	0	0	0	0	0	0
2/23/2024 20:01	67502 WEWI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
2/23/2024 20:01	52006 LING_T2	2	2	0	0.75	0.95	0.2	0	0	0	0	0	0	0
2/23/2024 20:01	60803 BUCK_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
2/23/2024 20:01	64802 MONE_T2	1	2	1	0.1	0.1	0	0	0	0	0	0	0	0
2/23/2024 20:01	56503 ROCK_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
2/23/2024 20:01	67605 WARW_T1	7	5	-2	0.19	0.2	0.01	0	0	0	0	0	0	0
2/23/2024 20:01	66703 STRA_T1	6	7	1	0.33	0.4	0.07	0	0	0	0	0	0	0
2/23/2024 20:01	54503 ENOL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
2/23/2024 20:01	54503 ENOL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
2/23/2024 20:01	64305 LINC_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
2/23/2024 20:01	54204 PENN_T2	1	2	1	0.1	0.15	0.05	0	0	0	0	0	0	0
2/23/2024 20:01	40601 PIGR_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
2/23/2024 20:01	64801 MONE_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
2/23/2024 20:01	57401 SPAN_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
2/23/2024 20:01	67502 WEWI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
2/23/2024 20:01	56503 ROCK_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
2/23/2024 20:01	50106 HARR_T3	0	0	0	0	0	0	0	0	0	0	0	0	0
2/23/2024 20:01	56802 BENV_T2	2	2	0	0.1	0.2	0.1	0	0	0	0	0	0	0
2/23/2024 20:01	47104 MARL_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
2/23/2024 20:01	59402 RFLD_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
2/23/2024 20:01	45802 HEGI_T2	0	2	2	0	0	0	0	0	0	0	0	0	0
2/23/2024 20:01	43202 MVIL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
2/23/2024 20:01	58401 MORO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
2/23/2024 20:01	60701 BREC_T1	15	253	238	0.13	0.17	0.04	0	0	0	0	0	0	0
2/23/2024 20:02	59002 MIFF_T1	6	5	-1	0.33	0.3	-0.03	0	0	0	0	0	0	0
2/23/2024 20:02	56503 ROCK_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
2/23/2024 20:02	50107 HARR_T3	0	0	0	0	0	0	0	0	0	0	0	0	0
2/23/2024 20:02	51103 CARL_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
2/23/2024 20:02	65904 SAKR_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
2/23/2024 20:02	66301 MCGO_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
2/23/2024 20:02	57403 SPAN_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
2/23/2024 20:02	57306 MOAL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
2/23/2024 20:02	58402 MORO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
2/23/2024 20:03	56504 ROCK_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
2/23/2024 20:03	43001 ALWD_T1	0	7	7	0	0.14	0.14	0	0	0	0	0	0	0
2/23/2024 20:03	42201 SHEN_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
2/23/2024 20:03	56503 ROCK_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
2/23/2024 20:03	57403 SPAN_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
2/23/2024 20:03	47402 PENS_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
2/23/2024 20:03	43303 WATS_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
2/23/2024 20:03	43201 MVIL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
2/23/2024 20:03	58402 MORO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
2/23/2024 20:03	54602 SUMM_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
2/23/2024 20:03	58401 MORO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
2/23/2024 20:04	53901 HALI_T2	0	1	1	0	0.1	0.1	0	0	0	0	0	0	0
2/23/2024 20:04	59101 WALK_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
2/23/2024 20:04	56501 ROCK_T2	4	58	54	0.4	0.16	-0.24	0	0	0	0	0	0	0
2/23/2024 20:04	41901 REED_T1	10	11	1	0.37	0.44	0.07	0	0	0	0	0	0	0
2/23/2024 20:04	42902 MIDD_T2	7	8	1	0.13	0.13	0	0	0	0	0	0	0	0
2/23/2024 20:04	43304 WATS_T2	4	0	-4	0.3	0	-0.3	0	0	0	0	0	0	0
2/23/2024 20:05	47402 PENS_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
2/23/2024 20:05	54204 PENN_T2	1	2	1	0.1	0.15	0.05	0	0	0	0	0	0	0
2/23/2024 20:05	54503 ENOL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
2/23/2024 20:05	40903 JESH_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
2/23/2024 20:05	56802 BENV_T2	2	2	0	0.1	0.2	0.1	0	0	0	0	0	0	0
2/23/2024 20:06	59402 RFLD_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
2/23/2024 20:19	13905 SEID_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
2/23/2024 20:19	13502 MCMI_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
2/23/2024 20:36	54206 PENN_T2	2	5	3	0.1	0.22	0.12	0	0	0	0	0	0	0
2/23/2024 20:42	65001 NEFF_T2	247	249	2	0.67	0.7	0.03	0	0	0	0	0	0	0
2/23/2024 20:46	40101 HUNT_T2	0	13	13	0	1.2	1.2	0	0	0	0	0	0	0
2/23/2024 21:18	65004 NEFF_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
2/23/2024 22:32	65004 NEFF_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
2/23/2024 22:34	45602 WOOL_T1	3	2	-1	0.67	0.3	-0.37	0	0	0	0	0	0	0
2/23/2024 23:03	40901 JESH_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
2/23/2024 23:30	65002 NEFF_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
2/24/2024 0:06	65005 NEFF_T2	0	0

2/24/2024 6:15	67503 WEWI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/24/2024 6:15	67203 TEHI_T1	0	1	1	0	0	0	0	0	0	0	0	0	0	0
2/24/2024 6:15	60701 BREC_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/24/2024 6:15	67502 WEWI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/24/2024 6:15	60803 BUCK_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/24/2024 6:15	60801 BUCK_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/24/2024 6:16	65001 NEFF_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/24/2024 6:30	65001 NEFF_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/24/2024 6:38	67402 WAKE_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/24/2024 8:30	65001 NEFF_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/24/2024 9:00	16102 BING_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/24/2024 9:00	47104 MARL_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/24/2024 9:00	62607 ENGL_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/24/2024 9:00	45502 DERR_T2	0	1	1	0	0	0	0	0	0	0	0	0	0	0
2/24/2024 9:00	57403 SPAN_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/24/2024 9:00	40503 CRES_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/24/2024 9:00	56503 ROCK_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/24/2024 9:00	12301 LANA_T2	0	1	1	0	0	0	0	0	0	0	0	0	0	0
2/24/2024 9:00	40101 HUNT_T2	6	16	10	0.32	0.76	0.44	0	0	0	0	0	0	0	0
2/24/2024 9:00	40502 CRES_T2	0	4	4	0	0.1	0.1	0	0	0	0	0	0	0	0
2/24/2024 9:00	59201 THOM_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/24/2024 9:00	54601 SUMM_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/24/2024 9:00	13501 MCMI_T1	0	3	3	0	0	0	0	0	0	0	0	0	0	0
2/24/2024 9:00	53903 HALI_T2	2	2	0	0.4	0.2	-0.2	0	0	0	0	0	0	0	0
2/24/2024 9:00	58001 WCAR_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/24/2024 9:00	57403 SPAN_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/24/2024 9:00	29401 BELT_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/24/2024 9:00	58402 MORO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/24/2024 9:00	66301 MCGO_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/24/2024 9:00	59102 WALK_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/24/2024 9:00	65001 NEFF_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/24/2024 9:00	17805 GILB_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/24/2024 9:00	40603 PIGR_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/24/2024 9:00	60701 BREC_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/24/2024 9:00	67402 WAKE_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/24/2024 9:00	27503 WEIS_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/24/2024 9:00	43001 ALWD_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/24/2024 9:01	43001 ALWD_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/24/2024 9:01	10701 CATA_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/24/2024 9:06	46002 BERW_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/24/2024 9:07	41902 REED_T1	3	18	15	0.43	0.38	-0.05	0	0	0	0	0	0	0	0
2/24/2024 9:07	42903 MIDD_T2	2	2	0	2.2	2.15	-0.05	0	0	0	0	0	0	0	0
2/24/2024 9:07	60803 BUCK_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/24/2024 9:07	10801 CHHI_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/24/2024 9:07	47101 MARL_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/24/2024 9:08	24101 EHAZ_T1	34	32	-2	0.71	0.68	-0.03	0	0	0	0	0	0	0	0
2/24/2024 9:08	53501 EVIL_T2	9	9	0	1.41	1.27	-0.14	0	0	0	0	0	0	0	0
2/24/2024 10:46	57403 SPAN_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/24/2024 10:47	57403 SPAN_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/24/2024 10:48	57401 SPAN_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/24/2024 11:15	57403 SPAN_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/24/2024 11:17	57403 SPAN_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/24/2024 11:30	57401 SPAN_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/24/2024 13:07	59202 THOM_T1	10	11	1	0.41	0.51	0.1	0	0	0	0	0	0	0	0
2/24/2024 19:57	57403 SPAN_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/24/2024 19:57	57403 SPAN_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/24/2024 19:59	57401 SPAN_T1	0	1	1	0	0	0	0	0	0	0	0	0	0	0
2/24/2024 20:00	57403 SPAN_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/24/2024 20:00	57401 SPAN_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/24/2024 20:01	57403 SPAN_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/24/2024 20:11	57403 SPAN_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/25/2024 6:05	59201 THOM_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/25/2024 7:54	46206 DANV_T2	2	2	0	1	0.4	-0.6	0	0	0	0	0	0	0	0
2/25/2024 7:57	46206 DANV_T2	2	2	0	1	0.4	-0.6	0	0	0	0	0	0	0	0
2/25/2024 7:58	43402 BENT_T1	0	1	1	0	0	0	0	0	0	0	0	0	0	0
2/25/2024 8:01	59202 THOM_T1	2	4	2	0.15	0.13	-0.02	0	0	0	0	0	0	0	0
2/25/2024 8:02	43402 BENT_T1	1	1	0	0.1	0	-0.1	0	0	0	0	0	0	0	0
2/25/2024 8:05	46206 DANV_T2	2	4	2	0.45	1	0.55	0	0	0	0	0	0	0	0
2/25/2024 8:18	43101 SMIL_T2	1	1	0	1.8	2	0.2	0	0	0	0	0	0	0	0
2/25/2024 8:18	43103 SMIL_T2	0	1	1	0	0.1	0.1	0	0	0	0	0	0	0	0
2/25/2024 8:21	43102 SMIL_T2	5	6	1	0.2	0.42	0.22	0	0	0	0	0	0	0	0
2/25/2024 8:21	49803 UNIV_T1	1	0	-1	0.2	0	-0.2	0	0	0	0	0	0	0	0
2/25/2024 8:29	40101 HUNT_T2	290	248	-42	0.86	0.65	-0.21	0	0	0	0	0	0	0	0
2/25/2024 8:31	40101 HUNT_T2	241	221	-20	0.81	0.62	-0.19	0	0	0	0	0	0	0	0
2/25/2024 8:38	59101 WALK_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/25/2024 8:41	16004 DORN_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/25/2024 9:30	64305 LINC_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/25/2024 9:33	42204 SHEN_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/25/2024 9:35	59102 WALK_T2	4	6	2	0.13	0.4	0.27	0	0	0	0	0	0	0	0
2/25/2024 9:36	43303 WATS_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/25/2024 9:36	49804 UNIV_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/25/2024 9:36	13901 SEID_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/25/2024 9:37	59102 WALK_T2	4	6	2	0.13	0.4	0.27	0	0	0	0	0	0	0	0
2/25/2024 9:38	43303 WATS_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/25/2024 9:38	43401 BENT_T1	0	1	1	0	0	0	0	0	0	0	0	0	0	0
2/25/2024 9:39	46206 DANV_T2	1	0	-1	0.5	0	-0.5	0	0	0	0	0	0	0	0
2/25/2024 9:39	67401 WAKE_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/25/2024 9:40	56802 BENV_T2	1	2	1	0.5	0.45	-0.05	0	0	0	0	0	0	0	0
2/25/2024 9:40	43401 BENT_T1	0	1	1	0	0	0	0	0	0	0	0	0	0	0
2/25/2024 9:42	46203 DANV_T2	0	5	5	0	0.66	0.66	0	0	0	0	0	0	0	0
2/25/2024 9:43	46202 DANV_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/25/2024 9:43	56802 BENV_T2	1	2	1	0.5	0.45	-0.05	0	0	0	0	0	0	0	0
2/25/2024 9:44	25404 LAHA_T2	1	1	0	0.4	0	-0.4	0	0	0	0	0	0	0	0
2/25/2024 9:49	47402 PENS_T1	0	1	1	0	0.3	0.3	0	0	0	0	0	0	0	0
2/25/2024 9:49	46702 RENO_T1	46	7	-39	0.18	0.17	-0.01	0	0	0	0	0	0	0	0
2/25/2024 9:50	59202 THOM_T1	21	47	26	0.29	0.3	0.01	0	0	0	0	0	0	0	0
2/25/2024 9:50	47402 PENS_T1	0	1	1	0	0.3	0.3	0	0	0	0	0	0	0	0
2/25/2024 9:50	56504 ROCK_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/25/2024 9:51	67402 WAKE_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/25/2024 9:51	67906 WNHO_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/25/2024 9:51	24901 WHHA_T1	0	1	1	0	0.1	0.1	0	0	0	0	0	0	0	0
2/25/2024 9:51	41903 REED_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/25/2024 9:51	56503 ROCK_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/25/2024 9:52	56504 ROCK_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/25/2024 9:54	29401 BELT_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/25/2024 9:54	46205 DANV_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/25/2024 9:54	44302 BEAV_T2	138	150	12	0.44	0.46	0.02	0	0	0	0	0	0	0	0
2/25/2024 9:56	44302 BEAV_T2	138	150	12	0.44	0.46	0.02	0	0	0	0	0	0	0	0
2/25/2024 9:59	63204 MGTN_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/25/2024 9:59	46801 HEPB_T2	20	21	1	0.25	0.27	0.02	0	0	0	0	0	0	0	0
2/25/2024 9:59	41802 GOCI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/25/2024 10:00	67402 WAKE_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/25/2024 10:01	59202 THOM_T1	43	38	-5	0.3	0.32	0.02	0	0	0	0	0	0	0	0
2/25/2024 10:01	55002 NEWP_T1	7	10	3	0.94	1.08	0.14	0	0	0	0	0	0	0	0
2/25/2024 10:02	57304 MOAL_T2	2	0	-2	0.15	0	-0.15	0	0	0	0	0	0	0	0
2/25/2024 10:03	55001 NEWP_T1	0	4	4	0	0.68	0.68	0	0	0	0	0	0	0	0
2/25/2024 10:05	57301 MOAL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/25/2024 10:05	46301 ROHR_T1	0	1	1	0	0	0	0	0	0	0	0	0	0	0
2/25/2024 10:05	43202 MVIL_T2	1	3	2	1.6	0	-1.6	0	0	0	0	0	0	0	0
2/25/2024 10:05	55002 NEWP_T1	7	10	3	0.94	1.08	0.14	0	0	0	0	0	0	0	0
2/25/2024 10:05	67401 WAKE_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/25/2024 10:06	59201 THOM_T1	12	11	-1	0.33	0.37	0.04	0	0	0	0	0	0	0	0
2/25/2024 10:06	13704 SCHN_T2	0	2	2	0	0.3	0.3	0	0	0	0	0	0	0	0
2/25/2024 10:07	59201 THOM_T1	12	11	-1	0.33	0.37	0.04	0	0	0	0	0	0	0	0
2/25/2024 10:09	60701 BREC_T1	2	5	3	0.2	0.4	0.2	0	0	0	0	0	0	0	0
2/25/2024 10:09	29402 BELT_T1	1	2	1	7.2	3.85	-3.35	0	0	0	0	0	0	0	0
2/25/2024 10:09	10805 CHHI_T2	8	12	4	2.25	3.34	1.09	0	0	0	0	0	0	0	0
2/25/2024 10:10	67402 WAKE_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/25/2024 10:10	60701 BREC_T1	2	5	3	0.2	0.4	0.2	0	0	0	0	0	0	0	0
2/25/2024 10:10	56802 BENV_T2	2	5	3	0.45	0.28	-0.17	0	0	0	0	0	0	0	0
2/25/2024 10:11	13503 MCMI_T2	3	4	1	0.2	0.25	0.05	0	0	0	0	0	0	0	0
2/25/2024 10:11	56802 BENV_T2	2	5	3	0.45	0.28	-0.17	0	0	0	0	0	0	0	0
2/25/2024 10:12	59202 THOM_T1	43	38	-5	0.3	0.32	0.02	0	0	0	0	0	0	0	0
2/25/2024 10:14	47002 HUGH_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/25/2024 10:15	13503 MCMI_T2	4	3	-1	0.28	0.6	0.32	0	0	0	0	0	0	0	0
2/25/2024 10:16	47001 HUGH_T2	1	1	0	0.1	0.5	0.4	0	0	0	0	0	0	0	0
2/25/2024 10:17	65001 NEFF_T2	16	142	126	0.18	0.18	0	0	0	0	0	0	0	0	0
2/25/2024 10:17	42901 MIDD_T2	64	118	54	0.24	0.31	0.07	0	0	0	0	0	0	0	0
2/25/2024 10:17	13503 MCMI_T2	4	3	-1	0.28	0.6	0.32	0	0	0	0	0	0	0	0
2/25/2024 10:19	47401 PENS_T1	1	8	7	0.9	0.36	-0.54	0	0	0	0	0	0	0	0
2/25/2024 10:20	57102 SPHI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/25/2024 10:20	56504 ROCK_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/25/2024 10:21	67402 WAKE_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/25/2024 10:21	56503 ROCK_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/25/2024 10:21	67502 WEWI_T2	1	4	3	1.6	0.65	-0.95	0	0	0	0	0	0	0	0
2/25/2024 10:22	40603 PIGR_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/25/2024 10:22	67503 WEWI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/25/2024 10:24	67503 WEWI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/25/2024 10:26	67402 WAKE_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/25/2024 10:26	17803 GILB_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/25/2024 10:27	17803 GILB_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/25/2024 10:27	27102 GFLD_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/25/2024 10:27	17803 GILB_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/25/2024 10:28	52004 LING_T2	1	2	1	0.6	0.7	0.1	0	0	0	0	0	0	0	0
2/25/2024 10:28	28403 HART_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/25/2024 10:29	11506 FREE_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/25/2024 10:29	46803 HEPB_T2	13	24	11	0.36	0.37	0.01	0	0	0	0	0	0	0	0
2/25/2024 10:30	65004 NEFF_T2	1	1	0	0.1	0.2	0.1	0	0	0	0	0	0	0	0
2/25/2024 10:31	40903 JESH_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/25/2024 10:31	41802 GOCI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/25/2024 10:33	40603 PIGR_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/25/2024 10:34	40602 PIGR_T1	0	2	2	0	0.25	0.25	0	0	0	0	0	0	0	0
2/25/2024 10:35	14402 SSLA_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/25/2024 10:35	65004 NEFF_T2	1	1	0	0.1	0.2	0.1	0	0	0	0	0	0	0	0
2/25/2024 10:35	40602 PIGR_T1	0	2	2	0	0.25	0.25	0	0	0	0	0	0	0	0
2/25/2024 10:35	66701 STRA_T1	1	1	0	1.6	1.8	0.2	0	0	0	0	0	0	0	0
2/25/2024 10:36	65901 SAKR_T2	2	2	0	4.3	4.45	0.15	0	0	0	0	0	0	0	0
2/25/2024 10:36	14401 SSLA_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/25/2024 10:36	16302 ALPA_T2	2	1	-1	0.55	0.1	-0.45	0	0	0	0	0	0	0	0
2/25/2024 10:36	67401 WAKE_T2	0	1	1	0	0.1	0.1	0	0	0	0	0	0	0	0
2/25/2024 10:36	67502 WEWI_T2	2	7	5	1.1	0.53	-0.57	0	0	0	0	0	0	0	0
2/25/2024 10:36	20402 ASHF_T2	8	8	0	0.85	0.37	-0.48	0	0	0	0	0	0	0	0
2/25/2024 10:36	59202 THOM_T1	37	30	-7	0.32	0.31	-0.01	0	0	0	0	0	0	0	0
2/25/2024 10:37	28402 BLFT_T2	0	2	2	0	0.1	0.1	0	0	0	0	0	0	0	0
2/25/2024 10:37	59201 THOM_T1	9	7	-2	0.36	0.37	0.01	0	0	0	0	0	0	0	0
2/25/2024 10:37	43302 WATS_T2	1	2	1	0.1	0.2	0.1	0	0	0	0	0	0	0	0
2/25/2024 10:37	67503 WEWI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/25/2024 10:37	16302 ALPA_T2	2	1	-1	0.55	0.1	-0.45	0	0	0	0	0	0	0	0
2/25/2024 10:38	10801 CHHI_T1	2	3	1	0.45	0.6	0.15	0	0	0	0	0	0	0	0
2/25/2024 10:38	59201 THOM_T1	9	7	-2	0.36	0.37	0.01	0	0	0	0	0	0	0	0
2/25/2024 10:38	14404 SSLA_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/25/2024 10:39	61303 EARL_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/25/2024 10:39	45402 WBLO_T2	3	3	0	0.2	0.53	0.33	0	0	0	0	0	0	0	0
2/25/2024 10:39	43302 WATS_T2	1	2	1	0.1	0.2	0.1	0	0	0	0	0	0	0	0
2/25/2024 10:39	45501 DERR_T2	0	0	0	0	0	0	0	0	0	0	0	0	0

Appendix C - Grid Benefits Achieved in Each Instance of Active Management

2/25/2024 10:56	28704 HAML_T2	20	78	58	0.14	0.23	0.09	0	0	0	0	0	0	0	0
2/25/2024 10:56	29402 BELT_T1	3	2	-1	2.7	4.1	1.4	0	0	0	0	0	0	0	0
2/25/2024 10:56	17802 GILB_T1	3	3	0	0.67	0.23	-0.44	0	0	0	0	0	0	0	0
2/25/2024 10:57	29401 BELT_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/25/2024 10:57	67402 WAKE_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/25/2024 10:58	17801 GILB_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/25/2024 10:58	10805 CHHI_T2	10	10	0	3.45	1.63	-1.82	0	0	0	0	0	0	0	0
2/25/2024 11:01	17802 GILB_T1	3	1	-2	0.23	0.3	0.07	0	0	0	0	0	0	0	0
2/25/2024 11:02	52004 LING_T2	3	3	0	0.63	0.9	0.27	0	0	0	0	0	0	0	0
2/25/2024 11:03	64101 REFR_T1	1	1	0	1	1	0	0	0	0	0	0	0	0	0
2/25/2024 11:03	44601 SALE_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/25/2024 11:04	57401 SPAN_T1	0	3	3	0	0.37	0.37	0	0	0	0	0	0	0	0
2/25/2024 11:04	42901 MIDD_T2	125	184	59	0.37	0.28	-0.09	0	0	0	0	0	0	0	0
2/25/2024 11:05	61202 REIN_T1	62	63	1	1.15	1.24	0.09	0	0	0	0	0	0	0	0
2/25/2024 11:06	67605 WARW_T1	27	30	3	0.43	0.49	0.06	0	0	0	0	0	0	0	0
2/25/2024 11:19	29402 BELT_T1	2	3	1	4.1	2.77	-1.33	0	0	0	0	0	0	0	0
2/25/2024 11:19	44601 SALE_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/25/2024 11:20	60201 ATGL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/25/2024 11:20	55105 WERT_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/25/2024 11:23	43001 ALWD_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/25/2024 11:24	56501 ROCK_T2	2	10	8	1.45	0.2	-1.25	0	0	0	0	0	0	0	0
2/25/2024 11:25	57401 SPAN_T1	0	5	5	0	0.5	0.5	0	0	0	0	0	0	0	0
2/25/2024 11:25	59201 THOM_T1	6	10	4	0.42	0.37	-0.05	0	0	0	0	0	0	0	0
2/25/2024 11:26	13503 MCMI_T2	17	71	54	0.22	0.27	0.05	0	0	0	0	0	0	0	0
2/25/2024 11:27	28801 LAKE_T1	1	11	10	0.8	0.2	-0.6	0	0	0	0	0	0	0	0
2/25/2024 11:27	26401 INOR_T1	3	7	4	0.17	0.31	0.14	0	0	0	0	0	0	0	0
2/25/2024 11:28	64201 KINZ_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/25/2024 11:29	26401 INOR_T1	3	7	4	0.17	0.31	0.14	0	0	0	0	0	0	0	0
2/25/2024 11:31	52002 LING_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/25/2024 11:31	46801 HEPB_T2	25	2	-23	0.28	0.5	0.22	0	0	0	0	0	0	0	0
2/25/2024 11:32	28805 LAKE_T1	1	4	3	0.1	0.1	0	0	0	0	0	0	0	0	0
2/25/2024 11:32	59402 RFLD_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/25/2024 11:32	40101 HUNT_T2	11	39	28	0.65	0.38	-0.27	0	0	0	0	0	0	0	0
2/25/2024 11:33	41902 REED_T1	1	1	0	0.8	1.1	0.3	0	0	0	0	0	0	0	0
2/25/2024 11:33	40101 HUNT_T2	11	39	28	0.65	0.38	-0.27	0	0	0	0	0	0	0	0
2/25/2024 11:34	56504 ROCK_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/25/2024 11:34	40603 PIGR_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/25/2024 11:34	61201 REIN_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/25/2024 11:34	13905 SEID_T1	2	2	0	7.3	2.2	-5.1	0	0	0	0	0	0	0	0
2/25/2024 11:34	13905 SEID_T1	2	2	0	7.3	2.2	-5.1	0	0	0	0	0	0	0	0
2/25/2024 11:35	65003 NEFF_T2	2	3	1	0.45	0.47	0.02	0	0	0	0	0	0	0	0
2/25/2024 11:35	67401 WAKE_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/25/2024 11:35	59202 THOM_T1	62	92	30	0.35	0.38	0.03	0	0	0	0	0	0	0	0
2/25/2024 11:35	56501 ROCK_T2	5	9	4	0.62	0.2	-0.42	0	0	0	0	0	0	0	0
2/25/2024 11:36	59201 THOM_T1	8	12	4	0.43	0.36	-0.07	0	0	0	0	0	0	0	0
2/25/2024 11:36	56504 ROCK_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/25/2024 11:36	20403 ASHF_T2	2	3	1	0.2	0.23	0.03	0	0	0	0	0	0	0	0
2/25/2024 11:36	67401 WAKE_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/25/2024 11:36	67605 WARW_T1	30	37	7	0.49	0.5	0.01	0	0	0	0	0	0	0	0
2/25/2024 11:36	65703 RVIL_T1	1	1	0	0.4	1	0.6	0	0	0	0	0	0	0	0
2/25/2024 11:49	67402 WAKE_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/25/2024 11:50	56503 ROCK_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/25/2024 11:51	65002 NEFF_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/25/2024 11:51	60801 BUCK_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/25/2024 11:51	57403 SPAN_T1	14	4	-10	0.33	0.33	0	0	0	0	0	0	0	0	0
2/25/2024 11:53	65001 NEFF_T2	173	176	3	0.18	0.19	0.01	0	0	0	0	0	0	0	0
2/25/2024 11:53	65701 RVIL_T1	2	2	0	0.4	0.25	-0.15	0	0	0	0	0	0	0	0
2/25/2024 11:54	29402 BELT_T1	3	3	0	2.73	2.77	0.04	0	0	0	0	0	0	0	0
2/25/2024 11:55	40504 CRES_T1	0	2	2	0	0.15	0.15	0	0	0	0	0	0	0	0
2/25/2024 11:56	56501 ROCK_T2	9	5	-4	0.22	0.28	0.06	0	0	0	0	0	0	0	0
2/25/2024 11:57	59201 THOM_T1	8	14	6	0.43	0.36	-0.07	0	0	0	0	0	0	0	0
2/25/2024 11:59	67604 WARW_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/25/2024 11:59	43001 ALWD_T1	0	1	1	0	0.1	0.1	0	0	0	0	0	0	0	0
2/25/2024 11:59	20402 ASHF_T2	0	1	1	0	0	0	0	0	0	0	0	0	0	0
2/25/2024 12:00	20402 ASHF_T2	1	4	3	0.8	0	-0.8	0	0	0	0	0	0	0	0
2/25/2024 12:02	25404 LAHA_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/25/2024 12:02	41903 REED_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/25/2024 12:03	56501 ROCK_T2	4	5	1	0.28	0.26	-0.02	0	0	0	0	0	0	0	0
2/25/2024 12:04	54204 PENN_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/25/2024 12:04	67201 TEHI_T1	105	110	5	0.93	1.04	0.11	0	0	0	0	0	0	0	0
2/25/2024 12:04	57103 SPHI_T2	2	3	1	0.15	0.13	-0.02	0	0	0	0	0	0	0	0
2/25/2024 12:05	67401 WAKE_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/25/2024 12:05	65202 PRIN_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/25/2024 12:07	58003 WCAR_T1	1	1	0	0.7	0.8	0.1	0	0	0	0	0	0	0	0
2/25/2024 12:07	13902 SEID_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/25/2024 12:07	41901 REED_T1	10	11	1	0.48	0.47	-0.01	0	0	0	0	0	0	0	0
2/25/2024 12:07	67401 WAKE_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/25/2024 12:09	58001 WCAR_T1	2	4	2	0.15	0.48	0.33	0	0	0	0	0	0	0	0
2/25/2024 12:10	67402 WAKE_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/25/2024 12:10	67603 WARW_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/25/2024 12:13	45701 LIND_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/25/2024 12:13	40101 HUNT_T2	24	17	-7	0.46	0.45	-0.01	0	0	0	0	0	0	0	0
2/25/2024 12:15	46801 HEPB_T2	2	2	0	0.2	0.4	0.2	0	0	0	0	0	0	0	0
2/25/2024 12:15	28403 HART_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/25/2024 12:16	40101 HUNT_T2	8	17	9	0.4	0.41	0.01	0	0	0	0	0	0	0	0
2/25/2024 12:17	25404 LAHA_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/25/2024 12:19	59302 MCAL_T1	4	2	-2	0.23	0.7	0.47	0	0	0	0	0	0	0	0
2/25/2024 12:20	61202 REIN_T1	63	63	0	1.25	1.5	0.25	0	0	0	0	0	0	0	0
2/25/2024 12:21	67402 WAKE_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/25/2024 12:26	67402 WAKE_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/25/2024 12:28	65004 NEFF_T2	1	1	0	0.5	0.6	0.1	0	0	0	0	0	0	0	0
2/25/2024 12:32	46801 HEPB_T2	2	2	0	0.3	0.4	0.1	0	0	0	0	0	0	0	0
2/25/2024 12:36	61202 REIN_T1	63	63	0	1.27	1.55	0.28	0	0	0	0	0	0	0	0
2/25/2024 12:37	44302 BEAV_T2	245	341	96	0.53	0.57	0.04	0	0	0	0	0	0	0	0
2/25/2024 12:39	44302 BEAV_T2	245	341	96	0.53	0.57	0.04	0	0	0	0	0	0	0	0
2/25/2024 12:40	62104 ELAN_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/25/2024 12:40	44301 BEAV_T2	9	13	4	0.42	0.48	0.06	0	0	0	0	0	0	0	0
2/25/2024 12:41	44301 BEAV_T2	9	13	4	0.42	0.48	0.06	0	0	0	0	0	0	0	0
2/25/2024 12:42	44301 BEAV_T2	9	13	4	0.42	0.48	0.06	0	0	0	0	0	0	0	0
2/25/2024 12:45	62106 ELAN_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/25/2024 12:47	40101 HUNT_T2	9	10	1	0.39	0.96	0.57	0	0	0	0	0	0	0	0
2/25/2024 12:49	56504 ROCK_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/25/2024 12:50	14802 TREI_T2	1	4	3	0.5	0.38	-0.12	0	0	0	0	0	0	0	0
2/25/2024 12:51	56503 ROCK_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/25/2024 12:51	40601 PIGR_T1	2	2	0	0.25	0.35	0.1	0	0	0	0	0	0	0	0
2/25/2024 12:52	56503 ROCK_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/25/2024 12:52	67603 WARW_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/25/2024 12:53	56501 ROCK_T2	9	66	57	0.28	0.2	-0.08	0	0	0	0	0	0	0	0
2/25/2024 12:57	28403 HART_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/25/2024 13:07	14801 TREI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/25/2024 13:08	14802 TREI_T2	4	3	-1	0.3	0.55	0.25	0	0	0	0	0	0	0	0
2/25/2024 13:11	56501 ROCK_T2	30	66	36	0.21	0.19	-0.02	0	0	0	0	0	0	0	0
2/25/2024 13:31	64702 LITI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/25/2024 13:31	65004 NEFF_T2	1	2	1	0.7	0.4	-0.3	0	0	0	0	0	0	0	0
2/25/2024 13:34	65004 NEFF_T2	1	2	1	0.7	0.4	-0.3	0	0	0	0	0	0	0	0
2/25/2024 13:36	59201 THOM_T1	1	1	0	0.8	0.7	-0.1	0	0	0	0	0	0	0	0
2/25/2024 13:37	59202 THOM_T1	13	11	-2	0.33	0.45	0.12	0	0	0	0	0	0	0	0
2/25/2024 13:39	67401 WAKE_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/25/2024 13:45	67402 WAKE_T2	1	0	-1	0.1	0	-0.1	0	0	0	0	0	0	0	0
2/25/2024 13:49	61201 REIN_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/25/2024 13:55	67402 WAKE_T2	1	0	-1	0.1	0	-0.1	0	0	0	0	0	0	0	0
2/25/2024 13:57	40101 HUNT_T2	7	12	5	0.94	0.7	-0.24	0	0	0	0	0	0	0	0
2/25/2024 14:00	64601 LEOL_T1	1	1	0	0.1	0.1	0	0	0	0	0	0	0	0	0
2/25/2024 14:00	53902 HAU_T2	3	2	-1	1.9	3.1	1.2	0	0	0	0	0	0	0	0
2/25/2024 14:00	67402 WAKE_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/25/2024 14:01	53901 HAU_T2	1	1	0	0.8	0.7	-0.1	0	0	0	0	0	0	0	0
2/25/2024 14:01	40101 HUNT_T2	5	12	7	0.86	1.93	1.07	0	0	0	0	0	0	0	0
2/25/2024 14:01	64401 LAND_T1	0	1	1	0	0.4	0.4	0	0	0	0	0	0	0	0
2/25/2024 14:02	64403 LAND_T1	1	1	0	0.2	0.2	0	0	0	0	0	0	0	0	0
2/25/2024 14:03	64703 LITI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/25/2024 14:04	54202 PENN_T2	1	3	2	0.7	0.43	-0.27	0	0	0	0	0	0	0	0
2/25/2024 14:04	14801 TREI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/25/2024 14:05	54204 PENN_T2	0	2	2	0	0.1	0.1	0	0	0	0	0	0	0	0
2/25/2024 14:05	59101 WALK_T2	1	1	0	0.6	0.9	0.3	0	0	0	0	0	0	0	0
2/25/2024 14:06	59201 THOM_T1	1	3	2	0.6	0.23	-0.37	0	0	0	0	0	0	0	0
2/25/2024 14:06	49803 UNIV_T1	19	24	5	0.22	0.18	-0.04	0	0	0	0	0	0	0	0
2/25/2024 14:06	67401 WAKE_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/25/2024 14:06	24902 WHHA_T1	1	1	0	0.1	0	-0.1	0	0	0	0	0	0	0	0
2/25/2024 14:06	14801 TREI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/25/2024 14:07	67402 WAKE_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/25/2024 14:07	49804 UNIV_T1	4	5	1	0.3	0.2	-0.1	0	0	0	0	0	0	0	0
2/25/2024 14:09	59101 WALK_T2	1	1	0	0.6	0.9	0.3	0	0	0	0	0	0	0	0
2/25/2024 14:09	14802 TREI_T2	2	2	0	0.5	0.45	-0.05	0	0	0	0	0	0	0	0
2/25/2024 14:09	15001 BLMO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/25/2024 14:10	67605 WARW_T1	42	57	15	0.61	0.55	-0.06	0	0	0	0	0	0	0	0
2/25/2024 14:10	43001 ALWD_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/25/2024 14:11	67402 WAKE_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/25/2024 14:11	15001 BLMO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/25/2024 14:12	17804 GILB_T2	1	1	0	1.3	1.3	0	0	0	0	0	0	0	0	0
2/25/2024 14:12	43001 ALWD_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/25/2024 14:12	60102 COCA_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/25/2024 14:12	17802 GILB_T1	1	2	1	0.5	0.6	0.1	0	0	0	0	0	0	0	0
2/25/2024 14:13	45704 LIND_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/25/2024 14:13	17803 GILB_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/25/2024 14:13	17802 GILB_T1	1	2	1	0.5	0.6	0.1	0	0	0	0	0	0	0	0
2/25/2024 14:13	47001 HUGH_T2	32	26	-6	0.2	0.23	0.03	0	0	0	0	0	0	0	0
2/25/2024 14:15	11507 FREE_T2	1	0	-1	1.7	0	-1.7	0	0	0	0	0	0	0	0
2/25/2024 14:15	47002 HUGH_T2	5	0	-5	0.16	0	-0.16	0	0	0	0	0	0	0	0
2/25/2024 14:15	17801 GILB_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/25/2024 14:16	17804 GILB_T2	1	1	0	0.5	1.3	0.8	0	0	0	0	0	0	0	0
2/25/2024 14:16	58402 MORO_T1	1	0	-1	0.1	0	-0.1	0	0	0	0	0	0	0	0
2/25/2024 14:16	58401 MORO_T1	0	1	1	0	0.2	0.2	0	0	0	0	0	0	0	0
2/25/2024 14:18	56503 ROCK_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/25/2024 14:18	64801 MONE_T2	2	4	2	0.15	0.38	0.23	0	0	0	0	0	0	0	0
2/25/2024 14:18	58401 MORO_T1	0	1	1	0	0.2	0.2	0	0	0	0	0	0	0	0
2/25/2024 14:19	65001 NEFF_T2	233	236	3	0.35	0.36	0.01	0	0	0	0	0	0	0	0
2/25/2024 14:19	56501 ROCK_T2	1	1	0	0.1	0.1	0	0	0	0	0	0	1	0	0
2/25/2024 14:19	42201 SHEN_T2	1	0	-1	0.2	0	-0.2	0	0	0	0	0	0	0	0
2/25/2024 14:19	57403 SPAN_T1	20	32	12	0.29	0.48	0.19	0	0	0	0	0	0	0	0
2/25/2024 14:20	14404 SSLA_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/25/2024 14:20	65001 NEFF_T2	1	1	0	0.3	0.4	0.1	0	0	0	0	0	0	0	0
2/25/2024 14:20	65503 MOJO_T2	9	11	2	0.26	0.25	-0.01	0	0	0	0	0	0	0	0
2/25/2024 14:20	43302 WATS_T2	6	4	-2	0.48	0.55	0.07	0	0	0	0	0	0	0	0
2/25/2024 14:20	57403 SPAN_T1	20	32	12	0.29	0.48	0.19	0	0	0	0	0	0	0	0
2/25/2024 14:21	59202 THOM_T1	7	19	12	0.37	0.32	-0.05	0	0	0	0	0	0	0	0
2/25/2024 14:21	67402 WAKE_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/25/2024 14:21	42203 SHEN_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/25/2024 14:21	27503 WEIS_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/25/2024 14:21	61201 REIN_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/25/2024 14:21	57403 SPAN_T1	20	32	12	0.29	0.48	0.19	0	0	0	0	0	0	0	0
2/25/2024 14:22	59101 WALK_T2	1	1	0	0.9	0.1	-0.8	0	0	0	0	0	0	0	0
2/25/2024 14:22	14404 SSLA_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/25/2024 14:22	49803 UNIV_T1	20	28	8	0.2	0.15	-0.05	0	0	0	0	0	0	0

2/25/2024 14:32	40101 HUNT_T2	5	4	-1	1.62	1.7	0.08	0	0	0	0	0	0	0
2/25/2024 14:33	65001 NEFF_T2	234	233	-1	0.34	0.36	0.02	0	0	0	0	0	0	0
2/25/2024 14:33	46801 HEPB_T2	2	2	0	0.3	0.5	0.2	0	0	0	0	0	0	0
2/25/2024 14:33	65205 PRIN_T1	3	1	-2	0.7	1.9	1.2	0	0	0	0	0	0	0
2/25/2024 14:34	56504 ROCK_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
2/25/2024 14:34	57403 SPAN_T1	30	38	8	0.44	0.43	-0.01	0	0	0	0	0	0	0
2/25/2024 14:34	65002 NEFF_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
2/25/2024 14:34	13901 SEID_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
2/25/2024 14:35	56503 ROCK_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
2/25/2024 14:35	59102 WALK_T2	5	5	0	0.7	0.52	-0.18	0	0	0	0	0	0	0
2/25/2024 14:35	57401 SPAN_T1	4	4	0	0.58	0.6	0.02	0	0	0	0	0	0	0
2/25/2024 14:35	57401 SPAN_T1	4	4	0	0.58	0.6	0.02	0	0	0	0	0	0	0
2/25/2024 14:36	65202 PRIN_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
2/25/2024 14:36	40603 PIGR_T1	2	1	-1	0.25	0.1	-0.15	0	0	0	0	0	0	0
2/25/2024 14:36	56503 ROCK_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
2/25/2024 14:36	60201 ATGL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
2/25/2024 14:37	67501 WEWI_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
2/25/2024 14:37	57403 SPAN_T1	30	38	8	0.44	0.43	-0.01	0	0	0	0	0	0	0
2/25/2024 14:37	67604 WARW_T1	1	0	-1	0.1	0	-0.1	0	0	0	0	0	0	0
2/25/2024 14:37	67401 WAKE_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
2/25/2024 14:37	42203 SHEN_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
2/25/2024 14:37	27503 WEIS_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
2/25/2024 14:37	59202 THOM_T1	14	17	3	0.35	0.31	-0.04	0	0	0	0	0	0	0
2/25/2024 14:37	67201 TEHI_T1	107	109	2	0.66	0.78	0.12	0	0	0	0	0	0	0
2/25/2024 14:38	43304 WATS_T2	1	1	0	0.8	0	-0.8	0	0	0	0	0	0	0
2/25/2024 14:38	60101 COCA_T1	5	6	1	0.6	0.57	-0.03	0	0	0	0	0	0	0
2/25/2024 14:38	57403 SPAN_T1	30	38	8	0.44	0.43	-0.01	0	0	0	0	0	0	0
2/25/2024 14:38	44301 BEAV_T2	7	8	1	0.39	0.43	0.04	0	0	0	0	0	0	0
2/25/2024 14:38	57401 SPAN_T1	4	4	0	0.58	0.6	0.02	0	0	0	0	0	0	0
2/25/2024 14:38	59101 WALK_T2	1	0	-1	0.1	0	-0.1	0	0	0	0	0	0	0
2/25/2024 14:38	43001 ALWD_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
2/25/2024 14:38	60201 ATGL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
2/25/2024 14:39	67503 WEWI_T2	1	1	0	0.1	0.2	0.1	0	0	0	0	0	0	0
2/25/2024 14:40	46002 BERW_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
2/25/2024 14:40	60803 BUCK_T1	5	3	-2	0.34	0.33	-0.01	0	0	0	0	0	0	0
2/25/2024 14:41	43001 ALWD_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
2/25/2024 14:42	67402 WAKE_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
2/25/2024 14:42	40101 HUNT_T2	5	4	-1	1.62	1.7	0.08	0	0	0	0	0	0	0
2/25/2024 14:42	46002 BERW_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
2/25/2024 14:43	43001 ALWD_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
2/25/2024 14:44	26803 JAFR_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
2/25/2024 14:44	42901 MIDD_T2	332	351	19	0.45	0.45	0	0	0	0	0	0	0	0
2/25/2024 14:44	40101 HUNT_T2	5	4	-1	1.62	1.7	0.08	0	0	0	0	0	0	0
2/25/2024 14:45	45701 LIND_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
2/25/2024 14:45	40101 HUNT_T2	4	3	-1	1.48	0.87	-0.61	0	0	0	0	0	0	0
2/25/2024 14:46	40101 HUNT_T2	4	3	-1	1.48	0.87	-0.61	0	0	0	0	0	0	0
2/25/2024 14:47	48302 ORWI_T2	2	2	0	1.2	1.1	-0.1	0	0	0	0	0	0	0
2/25/2024 14:47	54206 PENN_T2	1	2	1	0.1	0.1	0	0	0	0	0	0	0	0
2/25/2024 14:47	40101 HUNT_T2	4	3	-1	1.48	0.87	-0.61	0	0	0	0	0	0	0
2/25/2024 14:47	58401 MORO_T1	1	1	0	0.2	0.1	-0.1	0	0	0	0	0	0	0
2/25/2024 14:48	58402 MORO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
2/25/2024 14:48	42902 MIDD_T2	163	165	2	0.54	0.56	0.02	0	0	0	0	0	0	0
2/25/2024 14:48	54202 PENN_T2	4	2	-2	0.35	0.45	0.1	0	0	0	0	0	0	0
2/25/2024 14:48	65203 PRIN_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
2/25/2024 14:48	48303 ORWI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
2/25/2024 14:48	46801 HEPB_T2	2	2	0	0.25	0.5	0.25	0	0	0	0	0	0	0
2/25/2024 14:48	64605 LEOL_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
2/25/2024 14:48	40101 HUNT_T2	4	3	-1	1.48	0.87	-0.61	0	0	0	0	0	0	0
2/25/2024 14:49	14401 SSLA_T1	0	1	1	0	0.1	0.1	0	0	0	0	0	0	0
2/25/2024 14:49	64801 MONE_T2	4	8	4	0.38	0.29	-0.09	0	0	0	0	0	0	0
2/25/2024 14:49	58402 MORO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
2/25/2024 14:50	41902 REED_T1	2	2	0	0.3	0.3	0	0	0	0	0	0	0	0
2/25/2024 14:50	43301 WATS_T2	5	4	-1	0.34	0.45	0.11	0	0	0	0	0	0	0
2/25/2024 14:51	65005 NEFF_T2	1	1	0	0.3	0.6	0.3	0	0	0	0	0	0	0
2/25/2024 14:52	65203 PRIN_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
2/25/2024 14:53	15001 BLMO_T1	3	0	-3	0.17	0	-0.17	0	0	0	0	0	0	0
2/25/2024 14:53	65004 NEFF_T2	1	1	0	0.4	0.3	-0.1	0	0	0	0	0	0	0
2/25/2024 14:53	41901 REED_T1	11	11	0	0.62	0.61	-0.01	0	0	0	0	0	0	0
2/25/2024 14:53	67402 WAKE_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
2/25/2024 14:54	14401 SSLA_T1	0	1	1	0	0.1	0.1	0	0	0	0	0	0	0
2/25/2024 14:56	11506 FREE_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
2/25/2024 14:56	44801 EDAN_T2	2	2	0	0.35	0.3	-0.05	0	0	0	0	0	0	0
2/25/2024 14:56	15001 BLMO_T1	3	0	-3	0.17	0	-0.17	0	0	0	0	0	0	0
2/25/2024 14:57	44802 EDAN_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
2/25/2024 14:58	44802 EDAN_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
2/25/2024 14:59	11104 EGYP_T1	2	2	0	0.15	0.5	0.35	0	0	0	0	0	0	0
2/25/2024 14:59	44801 EDAN_T2	2	2	0	0.35	0.3	-0.05	0	0	0	0	0	0	0
2/25/2024 15:00	26401 INOR_T1	12	5	-7	0.27	0.28	0.01	0	0	0	0	0	0	0
2/25/2024 15:01	52004 LING_T2	2	2	0	0.6	0.25	-0.35	0	0	0	0	0	0	0
2/25/2024 15:01	42902 MIDD_T2	152	168	16	0.55	0.55	0	0	0	0	0	0	0	0
2/25/2024 15:01	40101 HUNT_T2	3	3	0	1.7	0	-1.7	0	0	0	0	0	0	0
2/25/2024 15:04	60201 ATGL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
2/25/2024 15:05	43302 WATS_T2	3	4	1	0.27	0.4	0.13	0	0	0	0	0	0	0
2/25/2024 15:08	29401 BELT_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
2/25/2024 15:09	67605 WARW_T1	35	31	-4	0.76	0.58	-0.18	0	0	0	0	0	0	0
2/25/2024 15:10	40602 PIGR_T1	2	1	-1	0.25	0.3	0.05	0	0	0	0	0	0	0
2/25/2024 15:10	60201 ATGL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
2/25/2024 15:11	40701 FFLD_T1	73	70	-3	0.61	0.64	0.03	0	0	0	0	0	0	0
2/25/2024 15:15	51401 LYKE_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
2/25/2024 15:15	60201 ATGL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
2/25/2024 15:17	40101 HUNT_T2	3	1	-2	0.87	0	-0.87	0	0	0	0	0	0	0
2/25/2024 15:19	63202 MGTN_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
2/25/2024 15:26	17804 GILB_T2	1	1	0	0.7	0.3	-0.4	0	0	0	0	0	0	0
2/25/2024 15:26	65003 NEFF_T2	6	5	-1	0.2	0.14	-0.06	0	0	0	0	0	0	0
2/25/2024 15:28	46701 RENO_T1	3	16	13	2.87	0.62	-2.25	0	0	0	0	0	0	0
2/25/2024 15:30	53902 HAU_T2	2	2	0	5.8	5.6	-0.2	0	0	0	0	0	0	0
2/25/2024 15:33	46701 RENO_T1	16	22	6	0.62	0.5	-0.12	0	0	0	0	0	0	0
2/25/2024 15:34	60602 NCOL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
2/25/2024 15:40	61201 REIN_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
2/25/2024 15:45	13503 MCMI_T2	716	0	-716	7.71	0	-7.71	0	0	0	0	0	0	0
2/25/2024 15:47	25404 LAHA_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
2/25/2024 15:48	65004 NEFF_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
2/25/2024 15:49	42201 SHEN_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
2/25/2024 15:50	61201 REIN_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
2/25/2024 15:51	13503 MCMI_T2	716	0	-716	7.71	0	-7.71	0	0	0	0	0	0	0
2/25/2024 15:52	13503 MCMI_T2	716	0	-716	7.71	0	-7.71	0	0	0	0	0	0	0
2/25/2024 15:54	49804 UNIV_T1	3	3	0	0.17	0.3	0.13	0	0	0	0	0	0	0
2/25/2024 15:58	25404 LAHA_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
2/25/2024 16:06	65601 QVIL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
2/25/2024 16:06	61201 REIN_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
2/25/2024 16:07	65601 QVIL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
2/25/2024 16:07	65903 SAKR_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
2/25/2024 16:17	43201 MVIL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
2/25/2024 16:18	13503 MCMI_T2	1	0	-1	0.2	0	-0.2	0	0	0	0	0	0	0
2/25/2024 16:19	43201 MVIL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
2/25/2024 16:24	60201 ATGL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
2/25/2024 16:30	60604 NCOL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
2/25/2024 16:43	40101 HUNT_T2	11	20	9	0.55	0.6	0.05	0	0	0	0	0	0	0
2/25/2024 16:45	20603 GRWO_T2	42	42	0	0.37	0.34	-0.03	0	0	0	0	0	0	0
2/25/2024 16:46	40101 HUNT_T2	18	16	-2	0.57	0.18	-0.39	0	0	0	0	0	0	0
2/25/2024 16:56	65001 NEFF_T2	37	1	-36	0.13	0.1	-0.03	0	0	0	0	0	0	0
2/25/2024 16:56	40502 CRES_T2	0	10	10	0	0.22	0.22	0	0	0	0	0	0	0
2/25/2024 17:02	56501 ROCK_T2	1	1	0	0.3	0	-0.3	0	0	0	0	0	0	0
2/25/2024 17:04	61202 REIN_T1	48	54	6	0.62	0.53	-0.09	0	0	0	0	0	0	0
2/25/2024 17:27	40501 CRES_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
2/25/2024 17:33	23901 EFMO_T2	1	25	24	0.1	0.3	0.2	0	0	0	0	0	0	0
2/25/2024 17:39	49803 UNIV_T1	1	0	-1	0.1	0	-0.1	0	0	0	0	0	0	0
2/25/2024 17:43	65002 NEFF_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
2/25/2024 17:45	61202 REIN_T1	53	53	0	0.59	0.47	-0.12	0	0	0	0	0	0	0
2/25/2024 17:48	23901 EFMO_T2	5	25	20	0.3	0.48	0.18	0	0	0	0	0	0	0
2/25/2024 18:30	65004 NEFF_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
2/25/2024 18:33	61201 REIN_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
2/25/2024 18:49	61201 REIN_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
2/25/2024 18:54	61202 REIN_T1	53	59	6	0.39	0.89	0.5	0	0	0	0	0	0	0
2/25/2024 19:02	65003 NEFF_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
2/25/2024 19:15	61202 REIN_T1	58	60	2	0.9	0.97	0.07	0	0	0	0	0	0	0
2/25/2024 19:16	59402 RFLD_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
2/25/2024 19:28	64303 LINC_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
2/25/2024 19:31	61201 REIN_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
2/25/2024 19:33	65003 NEFF_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
2/25/2024 19:36	67504 WEWI_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
2/25/2024 19:37	45502 DERR_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
2/25/2024 19:43	28701 HAML_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
2/25/2024 19:45	26402 INOR_T1	0	3	3	0	0.1	0.1	0	0	0	0	0	0	0
2/25/2024 19:45	29401 BELT_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
2/25/2024 19:46	61202 REIN_T1	60	60	0	0.96	1.3	0.34	0	0	0	0	0	0	0
2/25/2024 19:46	29402 BELT_T1	1	1	0	5.6	6	0.4	0	0	0	0	0	0	0
2/25/2024 19:47	11103 EGYP_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
2/25/2024 19:47	27503 WEIS_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
2/25/2024 19:47	24901 WHHA_T1	2	1	-1	0.55	0	-0.55	0	0	0	0	0	0	0
2/25/2024 19:48	17803 GILB_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
2/25/2024 19:48	26402 INOR_T1	0	3	3	0	0.1	0.1	0	0	0	0	0	0	0
2/25/2024 19:48	29402 BELT_T1	1	1	0	5.6	6	0.4	0	0	0	0	0	0	0
2/25/2024 19:48	27102 GFLD_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
2/25/2024 19:49	47001 HUGH_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
2/25/2024 19:49	13902 SEID_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
2/25/2024 19:49	17801 GILB_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
2/25/2024 19:49	25404 LAHA_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
2/25/2024 19:49	17803 GILB_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
2/25/2024 19:50	29402 BELT_T1	1	1	0	5.6	6	0.4	0	0	0	0	0	0	0
2/25/2024 19:50	15001 BLMO_T1	0	1	1	0	0.6	0.6	0	0	0	0	0	0	0
2/25/2024 19:50	11503 FREE_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
2/25/2024 19:50	44801 EDAN_T2	1	1	0	1.9	2.4	0.5	0	0	0	0	0	0	0
2/25/2024 19:50	28803 LAKE_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
2/25/2024 19:51	46302 ROHR_T1	3	3	0	1.1	0.4	-0.7	0	0	0	0	0	0	0
2/25/2024 19:51	46201 DANV_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
2/25/2024 19:51	16302 ALPA_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
2/25/2024 19:51	20603 GRWO_T2	29	44	15	1.96	1.6	-0.36	0	0	0	0	0	0	0
2/25/2024 19:51	47002 HUGH_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
2/25/2024 19:51	17801 GILB_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
2/25/2024 19:51	10805 CHHI_T2	7	7	0	1.73	1.65	-0.08	0	0	0	0	0	0	0
2/25/2024 19:51	29402 BELT_T1	1	1	0	5.6	6	0.4	0	0	0	0	0	0	0
2/25/2024 19:52	10805 CHHI_T2	7	7	0	1.73	1.65	-0.08	0	0	0	0	0	0	0
2/25/2024 19:52	66504 SMAN_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
2/25/2024 19:52	40101 HUNT_T2	282	233	-49	0.67	0.62	-0.05	0	0	0	0	0	0	0
2/25/2024 19:52	61305 EARL_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
2/25/2024 19:52	65002 NEFF_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
2/25/2024 19:52	48303 ORWI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
2/25/2024 19:52	26401 INOR_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
2/25/2024 19:52	59202 THOM_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
2/25/2024 19:52	14802 TREI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
2/25/2024 19:52	60701 BREC_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
2/25/2024 19:52	57104 SPHI_T2	3	2	-1	4.07	0	-4.07	0	0	0	0	0	0	0
2/25/2024 19:52	20403 ASHF_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
2/25/2024 19:52	28805 LAKE_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
2/25/2024 19:52	44801 EDAN_T2	1	1	0	1.9	2.4	0.5	0	0	0	0	0	0	0
2/25/2024 19:52	16302 ALPA_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
2/25/2024 19:52	44601 SALE_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
2/25/2024 19:53	26801 JAFR_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
2/25/2024 19:53	16302 ALPA_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
2/25/2024 19:53	60101 COCA_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
2/25/2024 19:53	15001 BLMO_T1	0	1	1	0	0.6	0.6	0	0	0	0	0	0	0
2/25/2024 19:53	10805 CHHI_T2	7	7	0	1.73	1.65	-0.08	0	0	0	0

Appendix C - Grid Benefits Achieved in Each Instance of Active Management

2/25/2024 19:56	40601 PIGR_T1	0	2	2	0	0.1	0.1	0	0	0	0	0	0	0	0
2/25/2024 19:56	45502 DERR_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/25/2024 19:56	44802 EDAN_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/25/2024 19:56	64203 KINZ_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/25/2024 19:56	52004 LING_T2	1	1	0	1	0.5	-0.5	0	0	0	0	0	0	0	0
2/25/2024 19:56	64202 KINZ_T1	2	3	1	0.25	0.53	0.28	0	0	0	0	0	0	0	0
2/25/2024 19:56	44301 BEAV_T2	2	2	0	0.7	0.6	-0.1	0	0	0	0	0	0	0	0
2/25/2024 19:56	41801 GOCI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/25/2024 19:56	60801 BUCK_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/25/2024 19:57	65903 SAKR_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/25/2024 19:57	46205 DANV_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/25/2024 19:57	43201 MVIL_T2	1	0	-1	0.3	0	-0.3	0	0	0	0	0	0	0	0
2/25/2024 19:57	67605 WARW_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/25/2024 19:57	52004 LING_T2	1	1	0	1	0.5	-0.5	0	0	0	0	0	0	0	0
2/25/2024 19:57	57401 SPAN_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/25/2024 19:57	42204 SHEN_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/25/2024 19:57	57303 MOAL_T2	1	1	0	8.1	7.7	-0.4	0	0	0	0	0	0	0	0
2/25/2024 19:57	44301 BEAV_T2	2	2	0	0.7	0.6	-0.1	0	0	0	0	0	0	0	0
2/25/2024 19:57	55001 NEWP_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/25/2024 19:57	42901 MIDD_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/25/2024 19:57	46203 DANV_T2	0	1	1	0	0	0	0	0	0	0	0	0	0	0
2/25/2024 19:57	59201 THOM_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/25/2024 19:57	64604 LEOL_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/25/2024 19:57	58401 MORO_T1	0	1	1	0	0	0	0	0	0	0	0	0	0	0
2/25/2024 19:57	45502 DERR_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/25/2024 19:57	65604 QVIL_T2	1	0	-1	0.3	0	-0.3	0	0	0	0	0	0	0	0
2/25/2024 19:57	48303 ORWI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/25/2024 19:57	67502 WEWI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/25/2024 19:57	63203 MGTN_T1	0	6	6	0	0.13	0.13	0	0	0	0	0	0	0	0
2/25/2024 19:58	43303 WATS_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/25/2024 19:58	46201 DANV_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/25/2024 19:58	55001 NEWP_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/25/2024 19:58	44802 EDAN_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/25/2024 19:58	40602 PIGR_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/25/2024 19:58	43304 WATS_T2	4	2	-2	0.6	0	-0.6	0	0	0	0	0	0	0	0
2/25/2024 19:58	44301 BEAV_T2	2	2	0	0.7	0.6	-0.1	0	0	0	0	0	0	0	0
2/25/2024 19:58	65601 QVIL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/25/2024 19:58	20403 ASHF_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/25/2024 19:58	46801 HEPB_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/25/2024 19:58	65904 SAKR_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/25/2024 19:58	40602 PIGR_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/25/2024 19:58	65002 NEFF_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/25/2024 19:58	65202 PRIN_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/25/2024 19:58	42903 MIDD_T2	2	2	0	1.1	1.15	0.05	0	0	0	0	0	0	0	0
2/25/2024 19:58	40504 CRES_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/25/2024 19:58	44301 BEAV_T2	2	2	0	0.7	0.6	-0.1	0	0	0	0	0	0	0	0
2/25/2024 19:58	40903 JESH_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/25/2024 19:58	51402 LYKE_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/25/2024 19:58	57403 SPAN_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/25/2024 19:58	43001 ALWD_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/25/2024 19:59	40602 PIGR_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/25/2024 19:59	42901 MIDD_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/25/2024 19:59	54206 PENN_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/25/2024 19:59	57401 SPAN_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/25/2024 19:59	56501 ROCK_T2	106	229	123	0.17	0.29	0.12	0	0	0	0	0	0	0	0
2/25/2024 19:59	64802 MONE_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/25/2024 19:59	40101 HUNT_T2	282	233	-49	0.67	0.62	-0.05	0	0	0	0	0	0	0	0
2/25/2024 19:59	42902 MIDD_T2	2	7	5	0.15	0.13	-0.02	0	0	0	0	0	0	0	0
2/25/2024 19:59	59202 THOM_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/25/2024 19:59	55002 NEWP_T1	4	5	1	0.55	0.62	0.07	0	0	0	0	0	0	0	0
2/25/2024 19:59	46206 DANV_T2	0	1	1	0	0	0	0	0	0	0	0	0	0	0
2/25/2024 19:59	43301 WATS_T2	0	1	1	0	0	0	0	0	0	0	0	0	0	0
2/25/2024 19:59	67503 WEWI_T2	0	1	1	0	0	0	0	0	0	0	0	0	0	0
2/25/2024 19:59	43202 MVIL_T2	2	2	0	0.55	0	-0.55	0	0	0	0	0	0	0	0
2/25/2024 19:59	43001 ALWD_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/25/2024 19:59	56802 BENV_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/25/2024 19:59	45501 DERR_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/25/2024 20:00	58003 WCAR_T1	1	1	0	1.1	1.2	0.1	0	0	0	0	0	0	0	0
2/25/2024 20:00	10801 CHHI_T1	1	1	0	0.1	0	-0.1	0	0	0	0	0	0	0	0
2/25/2024 20:00	67502 WEWI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/25/2024 20:00	60701 BREC_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/25/2024 20:00	60604 NCOL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/25/2024 20:00	45704 LIND_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/25/2024 20:00	47403 PENS_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/25/2024 20:00	65503 MOJO_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/25/2024 20:00	56503 ROCK_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/25/2024 20:00	52004 LING_T2	1	1	0	0.7	0.5	-0.2	0	0	0	0	0	0	0	0
2/25/2024 20:00	40703 FFLD_T1	0	2	2	0	0.35	0.35	0	0	0	0	0	0	0	0
2/25/2024 20:01	65503 MOJO_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/25/2024 20:01	43401 BENT_T1	0	1	1	0	0	0	0	0	0	0	0	0	0	0
2/25/2024 20:01	65003 NEFF_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/25/2024 20:01	45501 DERR_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/25/2024 20:01	46206 DANV_T2	0	1	1	0	0.1	0.1	0	0	0	0	0	0	0	0
2/25/2024 20:01	56501 ROCK_T2	135	233	98	0.26	0.28	0.02	0	0	0	0	0	0	0	0
2/25/2024 20:01	14802 TREI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/25/2024 20:01	57401 SPAN_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/25/2024 20:01	52006 LING_T2	0	1	1	0	0.1	0.1	0	0	0	0	0	0	0	0
2/25/2024 20:01	14402 SSLA_T1	4	0	-4	0.48	0	-0.48	0	0	0	0	0	0	0	0
2/25/2024 20:01	60602 NCOL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/25/2024 20:01	61201 REIN_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/25/2024 20:01	67502 WEWI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/25/2024 20:02	20402 ASHF_T2	25	13	-12	0.3	0.3	0	0	0	0	0	0	0	0	0
2/25/2024 20:02	67505 WEWI_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/25/2024 20:02	60201 ATGL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/25/2024 20:02	43001 ALWD_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/25/2024 20:02	63205 MGTN_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/25/2024 20:02	67503 WEWI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/25/2024 20:02	65902 SAKR_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/25/2024 20:02	61303 EARL_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/25/2024 20:02	67402 WAKE_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/25/2024 20:02	13704 SCHN_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/25/2024 20:02	56501 ROCK_T2	135	233	98	0.26	0.28	0.02	0	0	0	0	0	0	0	0
2/25/2024 20:02	67203 TEHI_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/25/2024 20:03	40601 PIGR_T1	0	2	2	0	0.1	0.1	0	0	0	0	0	0	0	0
2/25/2024 20:03	45402 WILO_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/25/2024 20:03	53902 HALI_T2	1	1	0	5.6	5.5	-0.1	0	0	0	0	0	0	0	0
2/25/2024 20:03	15001 BLMO_T1	1	1	0	1	0	-1	0	0	0	0	0	0	0	0
2/25/2024 20:03	40101 HUNT_T2	224	133	-91	0.66	0.53	-0.13	0	0	0	0	0	0	0	0
2/25/2024 20:03	13704 SCHN_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/25/2024 20:03	44801 EDAN_T2	1	3	2	2.4	2.4	0	0	0	0	0	0	0	0	0
2/25/2024 20:03	59202 THOM_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/25/2024 20:04	43303 WATS_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/25/2024 20:04	64802 MONE_T2	0	1	1	0	0.1	0.1	0	0	0	0	0	0	0	0
2/25/2024 20:04	49803 UNIV_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/25/2024 20:04	57304 MOAL_T2	1	0	-1	0.3	0	-0.3	0	0	0	0	0	0	0	0
2/25/2024 20:04	47403 PENS_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/25/2024 20:04	46301 ROHR_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/25/2024 20:04	58402 MORO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/25/2024 20:04	14402 SSLA_T1	4	0	-4	0.48	0	-0.48	0	0	0	0	0	0	0	0
2/25/2024 20:04	41802 GOCI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/25/2024 20:04	58401 MORO_T1	0	1	1	0	0	0	0	0	0	0	0	0	0	0
2/25/2024 20:05	40501 CRES_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/25/2024 20:05	47401 PENS_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/25/2024 20:05	66702 STRA_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/25/2024 20:05	41903 REED_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/25/2024 20:05	43303 WATS_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/25/2024 20:05	40101 HUNT_T2	224	133	-91	0.66	0.53	-0.13	0	0	0	0	0	0	0	0
2/25/2024 20:05	42901 MIDD_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/25/2024 20:06	40101 HUNT_T2	224	133	-91	0.66	0.53	-0.13	0	0	0	0	0	0	0	0
2/25/2024 20:06	42901 MIDD_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/25/2024 20:06	44301 BEAV_T2	2	2	0	0.55	0.7	0.15	0	0	0	0	0	0	0	0
2/25/2024 20:06	56802 BENV_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/25/2024 20:07	41903 REED_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/25/2024 20:07	56802 BENV_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/25/2024 20:08	67906 WNHO_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/25/2024 20:08	44301 BEAV_T2	2	2	0	0.55	0.7	0.15	0	0	0	0	0	0	0	0
2/25/2024 20:08	59101 WALK_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/25/2024 20:08	67401 WAKE_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/25/2024 20:12	44301 BEAV_T2	2	2	0	0.55	0.7	0.15	0	0	0	0	0	0	0	0
2/25/2024 20:13	61202 REIN_T1	60	60	0	1.16	1.31	0.15	0	0	0	0	0	0	0	0
2/25/2024 20:19	65002 NEFF_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/25/2024 20:46	57403 SPAN_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/25/2024 21:37	56802 BENV_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/25/2024 21:38	65002 NEFF_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/25/2024 21:40	60801 BUCK_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/25/2024 21:57	61202 REIN_T1	58	99	41	1.31	1.06	-0.25	0	0	0	0	0	0	0	0
2/25/2024 22:13	61201 REIN_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/25/2024 22:46	65002 NEFF_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/25/2024 23:06	61202 REIN_T1	60	60	0	1.53	1.59	0.06	0	0	0	0	0	0	0	0
2/25/2024 23:54	65001 NEFF_T2	235	241	6	0.42	0.52	0.1	0	0	0	0	0	0	0	0
2/26/2024 1:08	65002 NEFF_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/26/2024 1:14	60201 ATGL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/26/2024 1:29	65001 NEFF_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/26/2024 1:30	61201 REIN_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/26/2024 1:31	46701 RENO_T1	1	1	0	8	8.3	0.3	0	0	0	0	0	0	0	0
2/26/2024 1:45	13503 MCMI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/26/2024 1:46	61201 REIN_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/26/2024 1:57	61202 REIN_T1	60	60	0	1.84	1.7	-0.14	0	0	0	0	0	0	0	0
2/26/2024 2:16	65001 NEFF_T2	221	150	-71	0.27	0.15	-0.12	0	0	0	0	0	0	0	0
2/26/2024 2:18	61202 REIN_T1	60	60	0	1.63	1.44	-0.19	0	0	0	0	0	0	0	0
2/26/2024 2:53	65004 NEFF_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/26/2024 3:40	65002 NEFF_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/26/2024 3:58	61201 REIN_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/26/2024 4:48	65004 NEFF_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/26/2024 5:18	61201 REIN_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/26/2024 5:55	61202 REIN_T1	35	12	-23	0.29	0.33	0.04	0	0	0	0	0	0	0	0
2/26/2024 6:06	61202 REIN_T1	8	13	5	0.29	0.32	0.03	0	0	0	0	0	0	0	0
2/26/2024 6:12	65002 NEFF_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/26/2024 6:42	61201 REIN_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/26/2024 6:49	65005 NEFF_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/26/2024 7:21	65004 NEFF_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/26/2024 7:51	61201 REIN_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/26/2024 7:52	65001 NEFF_T2	0	1	1	0	0.1	0.1	0	0	0	0	0	0	0	0
2/26/2024 7:54	43401 BENT_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/26/2024 7:57	45502 DERR_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/26/2024 7:57	40101 HUNT_T2	164	210	46	0.6	0.47	-0.13	0	0	0	0	0	0	0	0
2/26/2024 8:21	59102 WALK_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/26/2024 8:22	61201 REIN_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/26/2024 8:24	65001 NEFF_T2	1	8	7	0.1	0.16	0.06	0	0	0	0	0	0	0	0
2/26/2024 8:25	49803 UNIV_T1	12	12	0	0.15	0.14	-0.01	0	0	0	0	0	0	0	0
2/26/2024 8:28	46205 DANV_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/26/2024 8:36	13901 SEID_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/26/2024 8:39	65003 NEFF_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/26/2024 8:42	53602 DALM_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/26/2024 8:47	25402 LAHA_T2	1	0	-1	0.1	0	-0.1	0	0	0	0	0	0	0	0
2/26/2024 8:55	65003 NEFF_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/26/2024 9:00	53502 EVIL_T2	1	1	0	3.4	2	-1.4	0	0	0	0

2/26/2024 9:08	53601 DALM_T2	1	1	0	0.9	1.2	0.3	0	0	0	0	0	0	0	0
2/26/2024 9:09	42903 MIDD_T2	2	2	0	0.55	0.75	0.2	0	0	0	0	0	0	0	0
2/26/2024 9:10	46202 DANV_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/26/2024 9:11	44302 BEAV_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/26/2024 9:15	64702 LITI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/26/2024 9:16	13503 MCMI_T2	8	11	3	0.15	0.17	0.02	0	0	0	0	0	0	0	0
2/26/2024 9:17	64703 LITI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/26/2024 9:28	62602 ENGL_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/26/2024 9:29	25404 LAHA_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/26/2024 9:31	55001 NEWP_T1	1	5	4	1.2	0.32	-0.88	0	0	0	0	0	0	0	0
2/26/2024 9:32	55001 NEWP_T1	1	5	4	1.2	0.32	-0.88	0	0	0	0	0	0	0	0
2/26/2024 9:33	55002 NEWP_T1	10	11	1	0.88	1.08	0.2	0	0	0	0	0	0	0	0
2/26/2024 9:36	48302 ORWI_T2	2	2	0	0.65	0.85	0.2	0	0	0	0	0	0	0	0
2/26/2024 9:36	56802 BENV_T2	3	8	5	0.37	0.3	-0.07	0	0	0	0	0	0	0	0
2/26/2024 9:37	43302 WATS_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/26/2024 9:37	56802 BENV_T2	3	8	5	0.37	0.3	-0.07	0	0	0	0	0	0	0	0
2/26/2024 9:38	43302 WATS_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/26/2024 9:38	56802 BENV_T2	6	16	10	0.37	0.3	-0.07	0	0	0	0	0	0	0	0
2/26/2024 9:39	46205 DANV_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/26/2024 9:40	43301 WATS_T2	0	3	3	0	0.27	0.27	0	0	0	0	0	0	0	0
2/26/2024 9:42	56802 BENV_T2	3	8	5	0.37	0.3	-0.07	0	0	0	0	0	0	0	0
2/26/2024 9:44	29402 BELT_T1	1	1	0	6.9	7.1	0.2	0	0	0	0	0	0	0	0
2/26/2024 9:44	56802 BENV_T2	3	8	5	0.37	0.3	-0.07	0	0	0	0	0	0	0	0
2/26/2024 9:44	26401 INOR_T1	3	3	0	0.17	0.27	0.1	0	0	0	0	0	0	0	0
2/26/2024 9:49	64101 REFR_T1	1	1	0	0.1	0.5	0.4	0	0	0	0	0	0	0	0
2/26/2024 9:53	29402 BELT_T1	1	1	0	7.1	7.1	0	0	0	0	0	0	0	0	0
2/26/2024 9:53	42201 SHEN_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/26/2024 9:53	43001 ALWD_T1	1	1	0	0.2	0.2	0	0	0	0	0	0	0	0	0
2/26/2024 9:55	54505 ENOL_T2	1	1	0	0.5	0.8	0.3	0	0	0	0	0	0	0	0
2/26/2024 9:55	54501 ENOL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/26/2024 9:55	60801 BUCK_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/26/2024 9:57	45502 DERR_T2	0	5	5	0	0	0	0	0	0	0	0	0	0	0
2/26/2024 9:58	54506 ENOL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/26/2024 9:58	54505 ENOL_T2	2	2	0	0.5	0.8	0.3	0	0	0	0	0	0	0	0
2/26/2024 9:58	10801 CHHI_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/26/2024 9:59	13503 MCMI_T2	11	202	191	0.16	0.53	0.37	0	0	0	0	0	0	0	0
2/26/2024 10:00	54505 ENOL_T2	1	1	0	0.8	0.7	-0.1	0	0	0	0	0	0	0	0
2/26/2024 10:00	13503 MCMI_T2	97	250	153	0.31	0.71	0.4	0	0	0	0	0	0	0	0
2/26/2024 10:03	46301 ROHR_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/26/2024 10:04	57303 MOAL_T2	1	1	0	7.2	7.1	-0.1	0	0	0	0	0	0	0	0
2/26/2024 10:04	67001 STHI_T2	95	290	195	0.12	0.15	0.03	0	0	0	0	0	0	0	0
2/26/2024 10:04	43202 MVIL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/26/2024 10:04	41903 REID_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/26/2024 10:04	56501 ROCK_T2	2	12	10	0.75	0.2	-0.55	0	0	0	0	0	0	0	0
2/26/2024 10:04	55001 NEWP_T1	2	5	3	0.3	0.52	0.22	0	0	0	0	0	0	0	0
2/26/2024 10:05	46702 RENO_T1	2	12	10	0.15	0.14	-0.01	0	0	0	0	0	0	0	0
2/26/2024 10:05	46302 ROHR_T1	2	4	2	1.5	1.55	0.05	0	0	0	0	0	0	0	0
2/26/2024 10:05	55002 NEWP_T1	11	14	3	1.07	0.97	-0.1	0	0	0	0	0	0	0	0
2/26/2024 10:05	67002 STHI_T2	25	110	85	0.14	0.21	0.07	0	0	0	0	0	0	0	0
2/26/2024 10:06	40601 PIOR_T1	29	32	3	0.19	0.25	0.06	0	0	0	0	0	0	0	0
2/26/2024 10:06	55002 NEWP_T1	11	14	3	1.07	0.97	-0.1	0	0	0	0	0	0	0	0
2/26/2024 10:06	16302 ALPA_T2	0	1	1	0	0.2	0.2	0	0	0	0	0	0	0	0
2/26/2024 10:08	16302 ALPA_T2	0	1	1	0	0.2	0.2	0	0	0	0	0	0	0	0
2/26/2024 10:10	56802 BENV_T2	8	27	19	0.29	0.27	-0.02	0	0	0	0	0	0	0	0
2/26/2024 10:10	20402 ASHF_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/26/2024 10:10	16302 ALPA_T2	0	2	2	0	0.2	0.2	0	0	0	0	0	0	0	0
2/26/2024 10:10	43302 WATS_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/26/2024 10:10	67603 WARW_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/26/2024 10:12	56802 BENV_T2	8	27	19	0.29	0.27	-0.02	0	0	0	0	0	0	0	0
2/26/2024 10:14	41802 GOCI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/26/2024 10:15	17804 GILB_T2	2	2	0	0.85	0.65	-0.2	0	0	0	0	0	0	0	0
2/26/2024 10:15	64802 MONE_T2	7	9	2	0.34	0.24	-0.1	0	0	0	0	0	0	0	0
2/26/2024 10:17	59302 MCAL_T1	0	2	2	0	0.4	0.4	0	0	0	0	0	0	0	0
2/26/2024 10:19	65001 NEFF_T2	2	0	-2	0.1	0	-0.1	0	0	0	0	0	0	0	0
2/26/2024 10:19	67002 STHI_T2	34	138	104	0.13	0.2	0.07	0	0	0	0	0	0	0	0
2/26/2024 10:20	67002 STHI_T2	34	138	104	0.13	0.2	0.07	0	0	0	0	0	0	0	0
2/26/2024 10:20	67203 TEHI_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/26/2024 10:20	42204 SHEN_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/26/2024 10:20	41802 GOCI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/26/2024 10:20	67502 WEWI_T2	3	3	0	0.73	0.63	-0.1	0	0	0	0	0	0	0	0
2/26/2024 10:21	56501 ROCK_T2	4	20	16	0.15	0.24	0.09	0	0	0	0	0	0	0	0
2/26/2024 10:21	59102 WALK_T2	2	5	3	0.3	0.56	0.26	0	0	0	0	0	0	0	0
2/26/2024 10:21	67503 WEWI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/26/2024 10:22	59101 WALK_T2	0	1	1	0	0.5	0.5	0	0	0	0	0	0	0	0
2/26/2024 10:23	67203 TEHI_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/26/2024 10:23	67002 STHI_T2	34	138	104	0.13	0.2	0.07	0	0	0	0	0	0	0	0
2/26/2024 10:24	61101 BERK_T5	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/26/2024 10:25	67503 WEWI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/26/2024 10:25	67503 WEWI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/26/2024 10:26	61102 BERK_T5	0	1	1	0	0.1	0.1	0	0	0	0	0	0	0	0
2/26/2024 10:26	11507 FREE_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/26/2024 10:26	28604 BLYT_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/26/2024 10:29	65001 NEFF_T2	2	0	-2	0.1	0	-0.1	0	0	0	0	0	0	0	0
2/26/2024 10:29	17804 GILB_T2	2	2	0	0.85	0.65	-0.2	0	0	0	0	0	0	0	0
2/26/2024 10:29	53901 HALI_T2	1	3	2	0.8	0.47	-0.33	0	0	0	0	0	0	0	0
2/26/2024 10:30	17805 GILB_T2	0	1	1	0	0.5	0.5	0	0	0	0	0	0	0	0
2/26/2024 10:30	17801 GILB_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/26/2024 10:31	53902 HALI_T2	2	7	5	2.95	1.73	-1.22	0	0	0	0	0	0	0	0
2/26/2024 10:31	64202 KINZ_T1	3	3	0	0.8	0.47	-0.33	0	0	0	0	0	0	0	0
2/26/2024 10:32	65203 PRIN_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/26/2024 10:33	57401 SPAN_T1	12	57	45	0.33	0.31	-0.02	0	0	0	0	0	0	0	0
2/26/2024 10:34	67002 STHI_T2	107	161	54	0.21	0.22	0.01	0	0	0	0	0	0	0	0
2/26/2024 10:34	57401 SPAN_T1	12	57	45	0.33	0.31	-0.02	0	0	0	0	0	0	0	0
2/26/2024 10:34	17002 RIRO_T2	2	4	2	0.25	0.28	0.03	0	0	0	0	0	0	0	0
2/26/2024 10:34	53902 HALI_T2	2	7	5	2.95	1.73	-1.22	0	0	0	0	0	0	0	0
2/26/2024 10:35	57403 SPAN_T1	24	23	-1	0.27	0.28	0.01	0	0	0	0	0	0	0	0
2/26/2024 10:35	54206 PENN_T2	0	9	9	0	0.19	0.19	0	0	0	0	0	0	0	0
2/26/2024 10:35	40602 PIGR_T1	2	4	2	0.25	0.55	0.3	0	0	0	0	0	0	0	0
2/26/2024 10:36	57401 SPAN_T1	12	57	45	0.33	0.31	-0.02	0	0	0	0	0	0	0	0
2/26/2024 10:36	29401 BELT_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/26/2024 10:36	67001 STHI_T2	272	432	160	0.16	0.17	0.01	0	0	0	0	0	0	0	0
2/26/2024 10:36	67002 STHI_T2	107	161	54	0.21	0.22	0.01	0	0	0	0	0	0	0	0
2/26/2024 10:37	65203 PRIN_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/26/2024 10:37	61101 BERK_T5	0	2	2	0	0.35	0.35	0	0	0	0	0	0	0	0
2/26/2024 10:37	40601 PIGR_T1	32	97	65	0.25	0.24	-0.01	0	0	0	0	0	0	0	0
2/26/2024 10:37	15001 BLMO_T1	3	3	0	0.2	0.4	0.2	0	0	0	0	0	0	0	0
2/26/2024 10:38	57403 SPAN_T1	24	23	-1	0.27	0.28	0.01	0	0	0	0	0	0	0	0
2/26/2024 10:38	29402 BELT_T1	1	1	0	7.1	7.1	0	0	0	0	0	0	0	0	0
2/26/2024 10:39	29401 BELT_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/26/2024 10:39	61103 BERK_T5	5	6	1	0.24	0.38	0.14	0	0	0	0	0	0	0	0
2/26/2024 10:39	51603 DUKE_T1	2	3	1	0.55	0.63	0.08	0	0	0	0	0	0	0	0
2/26/2024 10:40	54503 ENOL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/26/2024 10:40	15001 BLMO_T1	3	3	0	0.2	0.4	0.2	0	0	0	0	0	0	0	0
2/26/2024 10:40	44301 BEAV_T2	2	10	8	0.35	0.47	0.12	0	0	0	0	0	0	0	0
2/26/2024 10:41	46205 DANV_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/26/2024 10:41	51603 DUKE_T1	2	3	1	0.55	0.63	0.08	0	0	0	0	0	0	0	0
2/26/2024 10:41	15001 BLMO_T1	3	3	0	0.2	0.4	0.2	0	0	0	0	0	0	0	0
2/26/2024 10:41	17801 GILB_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/26/2024 10:41	29401 BELT_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/26/2024 10:42	50201 HARR_T3	1	1	0	0.2	0.3	0.1	0	0	0	0	0	0	0	0
2/26/2024 10:42	40101 HUNT_T2	37	53	16	0.61	0.51	-0.1	0	0	0	0	0	0	0	0
2/26/2024 10:42	51603 DUKE_T1	2	3	1	0.55	0.63	0.08	0	0	0	0	0	0	0	0
2/26/2024 10:45	42002 MNVL_T2	1	1	0	8.4	8.1	-0.3	0	0	0	0	0	0	0	0
2/26/2024 10:45	13502 MCMI_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/26/2024 10:45	58401 MORO_T1	2	2	0	1.25	0.2	-1.05	0	0	0	0	0	0	0	0
2/26/2024 10:46	50105 HARR_T3	6	6	0	5.12	4.85	-0.27	0	0	0	0	0	0	0	0
2/26/2024 10:46	20603 GRWO_T2	2	14	12	0.1	0.19	0.09	0	0	0	0	0	0	0	0
2/26/2024 10:46	20401 ASHF_T2	3	8	5	0.3	0.3	0	0	0	0	0	0	0	0	0
2/26/2024 10:46	13503 MCMI_T2	257	553	296	0.6	1.06	0.46	0	0	0	0	0	0	0	0
2/26/2024 10:46	40101 HUNT_T2	52	46	-6	0.45	0.55	0.1	0	0	0	0	0	0	0	0
2/26/2024 10:47	59002 MIFF_T1	0	2	2	0	0.1	0.1	0	0	0	0	0	0	0	0
2/26/2024 10:47	45701 LIND_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/26/2024 10:47	40101 HUNT_T2	52	46	-6	0.45	0.55	0.1	0	0	0	0	0	0	0	0
2/26/2024 10:48	13501 MCMI_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/26/2024 10:48	46803 HEPB_T2	3	7	4	0.37	0.44	0.07	0	0	0	0	0	0	0	0
2/26/2024 10:48	13503 MCMI_T2	257	553	296	0.6	1.06	0.46	0	0	0	0	0	0	0	0
2/26/2024 10:51	45402 WBLO_T2	1	6	5	0.1	0.5	0.4	0	0	0	0	0	0	0	0
2/26/2024 10:51	56503 ROCK_T2	0	1	1	0	0	0	0	0	0	0	0	0	0	0
2/26/2024 10:51	43001 ALWD_T1	1	1	0	0.4	0.7	0.3	0	0	0	0	0	0	0	0
2/26/2024 10:52	66702 STRA_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/26/2024 10:52	15701 TANN_T1	6	4	-2	1.05	1.58	0.53	0	0	0	0	0	0	0	0
2/26/2024 10:52	61102 BERK_T5	1	3	2	0.1	0.2	0.1	0	0	0	0	0	0	0	0
2/26/2024 10:53	43302 WATS_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/26/2024 10:53	18001 ZION_T1	0	2	2	0	0.25	0.25	0	0	0	0	0	0	0	0
2/26/2024 10:55	60801 BUCK_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/26/2024 10:55	61101 BERK_T5	0	7	7	0	0.3	0.3	0	0	0	0	0	0	0	0
2/26/2024 10:55	44801 EDAN_T2	1	1	0	0.6	0.2	-0.4	0	0	0	0	0	0	0	0
2/26/2024 10:56	44801 EDAN_T2	1	1	0	0.6	0.2	-0.4	0	0	0	0	0	0	0	0
2/26/2024 10:56	28701 HAML_T2	1	1	0	0.2	0.2	0	0	0	0	0	0	0	0	0
2/26/2024 10:56	17802 GILB_T1	2	4	2	1	0.95	-0.05	0	0	0	0	0	0	0	0
2/26/2024 10:57	10805 CHHI_T2	10	15	5	1.88	0.89	-0.99	0	0	0	0	0	0	0	0
2/26/2024 10:57	23901 EFMO_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/26/2024 10:57	44801 EDAN_T2	1	1	0	0.6	0.2	-0.4	0	0	0	0	0	0	0	0
2/26/2024 10:57	41802 GOCI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/26/2024 10:58	56601 HAMP_T1	1	2	1	0.3	0.35	0.05	0	0	0	0	0	0	0	0
2/26/2024 10:58	44802 EDAN_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/26/2024 10:59	44802 EDAN_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/26/2024 11:00	40101 HUNT_T2	33	48	15	0.58	0.52	-0.06	0	0	0	0	0	0	0	0
2/26/2024 11:01	50505 MECH_T1	0	1	1	0	0.4	0.4	0	0	0	0	0	0	0	0
2/26/2024 11:01	65001 NEFF_T2	1	5	4	0.2	0.14	-0.06	0	0	0	0	0	0	0	0
2/26/2024 11:01	40101 HUNT_T2	33	48	15	0.58	0.52	-0.06	0	0	0	0	0	0	0	0
2/26/2024 11:02	60102 COCA_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/26/2024 11:02	42903 MIDD_T2	2	2	0	0.85	1.15	0.3	0	0	0	0	0	0	0	0
2/26/2024 11:02	15604 NSTR_T1	1	1	0	2.3	2	-0.3	0	0	0	0	0	0	0	0
2/26/2024 11:02	64801 MONE_T2	19	24	5	0.34	0.37	0.03	0	0	0	0	0	0	0	0
2/26/2024 11:02	64802 MONE_T2	21	40	19	0.3	0.41	0.11	0	0	0	0	0	0	0	0
2/26/2024 11:02	13503 MCMI_T2	515	552	37	0.83	1.06	0.23	0	0	0	0	0	0	0	0
2/26/2024 11:02	40101 HUNT_T2	33	48	15	0.58	0.52	-0.06	0	0	0	0	0	0	0	0
2/26/2024 11:03	52002 LING_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/26/2024 11:03	50501 MECH_T1	4	4	0	1.2	1.4	0.2	0	0	0	0	0	0	0	0
2/26/2024 11:03	15604 NSTR_T1	1	1	0	2.3	2	-0.3	0	0	0	0	0	0	0	0
2/26/2024 11:04	54204 PENN_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/26/2024 11:04	57403 SPAN_T1	18	32	14	0.27	0.33	0.06	0	0	0	0	0	0	0	0
2/26/2024 11:05	43304 WATS_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/26/2024 11:05	67002 STHI_T2	142	424	282	0.23	0.31	0.08	0	0	0	0	0	0	0	0
2/26/2024 11:06	55101 WERT_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/26/2024 11:06	67604 WARW_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/26/2024 11:06	57401 SPAN_T1	56	76	20	0.31	0.34	0.03	0	0	0	0	0	0	0	0
2/26/2024 11:06	54204 PENN_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/26/2024 11:07	67402 WAKE_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/26/2024 11:07	67002 STHI_T2	142	424	282	0.23	0.31	0.08	0	0	0	0	0	0	0	0
2/26/2024 11:07	67002 STHI_T2	142	424	282	0.23	0.31	0.08	0	0	0	0	0	0	0

Appendix C - Grid Benefits Achieved in Each Instance of Active Management

2/26/2024 11:19	50505 MECH_T1	2	2	0	0.4	0.5	0.1	0	0	0	0	0	0	0	0
2/26/2024 11:19	56503 ROCK_T2	0	1	1	0	0.1	0.1	0	0	0	0	0	0	0	0
2/26/2024 11:19	13302 ORVI_T2	0	2	2	0	0.15	0.15	0	0	0	0	0	0	0	0
2/26/2024 11:19	57403 SPAN_T1	18	65	47	0.31	0.3	-0.01	0	0	0	0	0	0	0	0
2/26/2024 11:19	55002 NEWP_T1	53	66	13	0.32	0.35	0.03	0	0	0	0	0	0	0	0
2/26/2024 11:19	44601 SALE_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/26/2024 11:20	50503 MECH_T1	2	6	4	0.1	0.28	0.18	0	0	0	0	0	0	0	0
2/26/2024 11:20	56504 ROCK_T2	2	6	4	0.25	0.27	0.02	0	0	0	0	0	0	0	0
2/26/2024 11:20	42903 MIDD_T2	2	2	0	1.15	1.05	-0.1	0	0	0	0	0	0	0	0
2/26/2024 11:20	57401 SPAN_T1	73	53	-20	0.33	0.42	0.09	0	0	0	0	0	0	0	0
2/26/2024 11:21	43302 WATS_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/26/2024 11:21	57401 SPAN_T1	73	53	-20	0.33	0.42	0.09	0	0	0	0	0	0	0	0
2/26/2024 11:22	67002 STHI_T2	341	416	75	0.27	0.31	0.04	0	0	0	0	0	0	0	0
2/26/2024 11:22	54204 PENN_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/26/2024 11:22	56504 ROCK_T2	2	6	4	0.25	0.27	0.02	0	0	0	0	0	0	0	0
2/26/2024 11:22	65003 NEFF_T2	2	1	-1	0.5	0.8	0.3	0	0	0	0	0	0	0	0
2/26/2024 11:22	44601 SALE_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/26/2024 11:22	46002 BERW_T2	1	2	1	0.4	0.6	0.2	0	0	0	0	0	0	0	0
2/26/2024 11:22	60201 ATGL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/26/2024 11:23	43303 WATS_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/26/2024 11:23	67001 STHI_T2	589	709	120	0.26	0.32	0.06	0	0	0	0	0	0	0	0
2/26/2024 11:23	56503 ROCK_T2	0	1	1	0	0.1	0.1	0	0	0	0	0	0	0	0
2/26/2024 11:24	62605 ENGL_T1	1	1	0	0.1	0.5	0.4	0	0	0	0	0	0	0	0
2/26/2024 11:24	43303 WATS_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/26/2024 11:24	61102 BERK_T5	3	3	0	0.2	0.33	0.13	0	0	0	0	0	0	0	0
2/26/2024 11:27	54505 ENOL_T2	2	2	0	0.8	0.7	-0.1	0	0	0	0	0	0	0	0
2/26/2024 11:27	62604 ENGL_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/26/2024 11:27	61102 BERK_T5	3	3	0	0.2	0.33	0.13	0	0	0	0	0	0	0	0
2/26/2024 11:28	62602 ENGL_T1	0	1	1	0	0.1	0.1	0	0	0	0	0	0	0	0
2/26/2024 11:28	11507 FREE_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/26/2024 11:29	59003 MIFF_T1	1	1	0	0.3	0.3	0	0	0	0	0	0	0	0	0
2/26/2024 11:30	42401 GIMA_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/26/2024 11:33	15604 NSTR_T1	1	1	0	2.1	1.5	-0.6	0	0	0	0	0	0	0	0
2/26/2024 11:33	13903 SEID_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/26/2024 11:33	47802 MOCA_T2	1	2	1	0.2	0.35	0.15	0	0	0	0	0	0	0	0
2/26/2024 11:34	13903 SEID_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/26/2024 11:34	47402 PENS_T1	2	2	0	0.35	0.35	0	0	0	0	0	0	0	0	0
2/26/2024 11:34	56503 ROCK_T2	0	2	2	0	0.2	0.2	0	0	0	0	0	0	0	0
2/26/2024 11:34	15604 NSTR_T1	1	1	0	2.1	1.5	-0.6	0	0	0	0	0	0	0	0
2/26/2024 11:35	40601 PIGR_T1	54	78	24	0.26	0.24	-0.02	0	0	0	0	0	0	0	0
2/26/2024 11:35	65203 PRIN_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/26/2024 11:35	66501 SMAN_T2	2	2	0	0.25	1.1	0.85	0	0	0	0	0	0	0	0
2/26/2024 11:35	56501 ROCK_T2	40	131	91	0.24	0.24	0	0	0	0	0	0	0	0	0
2/26/2024 11:35	15604 NSTR_T1	1	1	0	2.1	1.5	-0.6	0	0	0	0	0	0	0	0
2/26/2024 11:36	56503 ROCK_T2	0	1	1	0	0.2	0.2	0	0	0	0	0	0	0	0
2/26/2024 11:36	47401 PENS_T1	3	9	6	0.93	0.63	-0.3	0	0	0	0	0	0	0	0
2/26/2024 11:37	16302 ALPA_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/26/2024 11:37	66502 SMAN_T2	11	12	1	0.31	0.36	0.05	0	0	0	0	0	0	0	0
2/26/2024 11:37	67001 STHI_T2	709	310	-399	0.32	0.15	-0.17	0	0	0	0	0	0	0	0
2/26/2024 11:37	56501 ROCK_T2	40	131	91	0.24	0.24	0	0	0	0	0	0	0	0	0
2/26/2024 11:38	67002 STHI_T2	416	95	-321	0.31	0.27	-0.04	0	0	0	0	0	0	0	0
2/26/2024 11:38	60201 ATGL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/26/2024 11:38	56504 ROCK_T2	5	5	0	0.3	0.26	-0.04	0	0	0	0	0	0	0	0
2/26/2024 11:38	46002 BERW_T2	1	0	-1	0.6	0	-0.6	0	0	0	0	0	0	0	0
2/26/2024 11:39	27502 WEIS_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/26/2024 11:39	43001 ALWD_T1	3	3	0	0.47	0.7	0.23	0	0	0	0	0	0	0	0
2/26/2024 11:39	66703 STRA_T1	0	8	8	0	0.33	0.33	0	0	0	0	0	0	0	0
2/26/2024 11:39	56501 ROCK_T2	40	131	91	0.24	0.24	0	0	0	0	0	0	0	0	0
2/26/2024 11:39	16302 ALPA_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/26/2024 11:39	67001 STHI_T2	709	310	-399	0.32	0.15	-0.17	0	0	0	0	0	0	0	0
2/26/2024 11:40	16302 ALPA_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/26/2024 11:43	61802 EELI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/26/2024 11:43	24501 GOUL_T2	5	50	45	0.1	0.18	0.08	0	0	0	0	0	0	0	0
2/26/2024 11:44	42102 FRAI_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/26/2024 11:44	11503 FREE_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/26/2024 11:44	26401 INOR_T1	6	4	-2	0.4	0.48	0.08	0	0	0	0	0	0	0	0
2/26/2024 11:44	23902 EFMO_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/26/2024 11:45	64401 LAND_T1	1	1	0	0.1	0.1	0	0	0	0	0	0	0	0	0
2/26/2024 11:45	26401 INOR_T1	2	25	23	0.2	0.25	0.05	0	0	0	0	0	0	0	0
2/26/2024 11:45	46803 HEPB_T2	9	9	0	0.31	0.38	0.07	0	0	0	0	0	0	0	0
2/26/2024 11:46	59301 MCAL_T1	5	8	3	0.82	0.88	0.06	0	0	0	0	0	0	0	0
2/26/2024 11:48	65004 NEFF_T2	2	2	0	0.4	0.65	0.25	0	0	0	0	0	0	0	0
2/26/2024 11:49	56501 ROCK_T2	92	126	34	0.22	0.24	0.02	0	0	0	0	0	0	0	0
2/26/2024 11:49	60102 COCA_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/26/2024 11:49	15604 NSTR_T1	1	1	0	2.2	1	-1.2	0	0	0	0	0	0	0	0
2/26/2024 11:50	56503 ROCK_T2	2	2	0	0.1	0.2	0.1	0	0	0	0	0	0	0	0
2/26/2024 11:50	15604 NSTR_T1	1	1	0	2.2	1	-1.2	0	0	0	0	0	0	0	0
2/26/2024 11:51	56501 ROCK_T2	92	126	34	0.22	0.24	0.02	0	0	0	0	0	0	0	0
2/26/2024 11:52	60801 BUCK_T1	0	2	2	0	0.5	0.5	0	0	0	0	0	0	0	0
2/26/2024 11:53	56501 ROCK_T2	92	126	34	0.22	0.24	0.02	0	0	0	0	0	0	0	0
2/26/2024 11:53	56503 ROCK_T2	1	1	0	0.1	0.2	0.1	0	0	0	0	0	0	0	0
2/26/2024 11:53	61103 BERK_T5	6	9	3	0.42	0.4	-0.02	0	0	0	0	0	0	0	0
2/26/2024 11:53	44302 BEAV_T2	10	121	111	0.45	0.45	0	0	0	0	0	0	0	0	0
2/26/2024 11:54	20402 ASHF_T2	1	2	1	0.1	0.15	0.05	0	0	0	0	0	0	0	0
2/26/2024 11:54	67605 WARW_T1	27	43	16	0.46	0.53	0.07	0	0	0	0	0	0	0	0
2/26/2024 11:54	43001 ALWD_T1	2	5	3	0.15	0.68	0.53	0	0	0	0	0	0	0	0
2/26/2024 11:54	65003 NEFF_T2	1	2	1	0.5	0.45	-0.05	0	0	0	0	0	0	0	0
2/26/2024 11:54	44302 BEAV_T2	10	121	111	0.45	0.45	0	0	0	0	0	0	0	0	0
2/26/2024 11:54	60201 ATGL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/26/2024 11:55	67605 WARW_T1	27	43	16	0.46	0.53	0.07	0	0	0	0	0	0	0	0
2/26/2024 11:55	61102 BERK_T5	2	2	0	0.15	0.15	0	0	0	0	0	0	0	0	0
2/26/2024 11:55	20402 ASHF_T2	1	2	1	0.1	0.15	0.05	0	0	0	0	0	0	0	0
2/26/2024 11:55	44302 BEAV_T2	10	121	111	0.45	0.45	0	0	0	0	0	0	0	0	0
2/26/2024 11:55	60801 BUCK_T1	0	2	2	0	0.5	0.5	0	0	0	0	0	0	0	0
2/26/2024 11:55	43401 BENT_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/26/2024 11:56	18001 ZION_T1	5	4	-1	0.34	0.5	0.16	0	0	0	0	0	0	0	0
2/26/2024 11:57	46205 DANV_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/26/2024 11:58	61802 EELI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/26/2024 11:58	46206 DANV_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/26/2024 11:59	28702 HAML_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/26/2024 12:01	56601 HAMP_T1	1	1	0	0.3	0.2	-0.1	0	0	0	0	0	0	0	0
2/26/2024 12:01	46803 HEPB_T2	7	9	2	0.39	0.33	-0.06	0	0	0	0	0	0	0	0
2/26/2024 12:05	47403 PENS_T1	8	2	-6	0.7	0.25	-0.45	0	0	0	0	0	0	0	0
2/26/2024 12:05	13905 SEID_T1	1	1	0	0.1	0.4	0.3	0	0	0	0	0	0	0	0
2/26/2024 12:05	15604 NSTR_T1	1	1	0	1.5	1	-0.5	0	0	0	0	0	0	0	0
2/26/2024 12:06	15604 NSTR_T1	1	1	0	1.5	1	-0.5	0	0	0	0	0	0	0	0
2/26/2024 12:06	58001 WCAR_T1	8	8	0	0.38	0.58	0.2	0	0	0	0	0	0	0	0
2/26/2024 12:07	47401 PENS_T1	9	8	-1	0.63	0.67	0.04	0	0	0	0	0	0	0	0
2/26/2024 12:07	15604 NSTR_T1	1	1	0	1.5	1	-0.5	0	0	0	0	0	0	0	0
2/26/2024 12:09	61803 EELI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/26/2024 12:09	61102 BERK_T5	1	2	1	0.1	0.2	0.1	0	0	0	0	0	0	0	0
2/26/2024 12:09	67603 WARW_T1	1	1	0	0.8	0.6	-0.2	0	0	0	0	0	0	0	0
2/26/2024 12:09	44301 BEAV_T2	26	13	-13	0.42	0.44	0.02	0	0	0	0	0	0	0	0
2/26/2024 12:09	44302 BEAV_T2	22	121	99	0.51	0.45	-0.06	0	0	0	0	0	0	0	0
2/26/2024 12:10	44302 BEAV_T2	22	121	99	0.51	0.45	-0.06	0	0	0	0	0	0	0	0
2/26/2024 12:10	20402 ASHF_T2	2	0	-2	0.15	0	-0.15	0	0	0	0	0	0	0	0
2/26/2024 12:10	23901 EFMO_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/26/2024 12:11	20402 ASHF_T2	2	0	-2	0.15	0	-0.15	0	0	0	0	0	0	0	0
2/26/2024 12:11	61103 BERK_T5	6	9	3	0.43	0.4	-0.03	0	0	0	0	0	0	0	0
2/26/2024 12:11	11507 FREE_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/26/2024 12:11	65202 PRIN_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/26/2024 12:17	46803 HEPB_T2	16	19	3	0.29	0.29	0	0	0	0	0	0	0	0	0
2/26/2024 12:20	50701 SMEC_T1	12	13	1	0.63	0.79	0.16	0	0	0	0	0	0	0	0
2/26/2024 12:21	59002 MIFF_T1	4	0	-4	0.2	0	-0.2	0	0	0	0	0	0	0	0
2/26/2024 12:21	59402 RFLD_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/26/2024 12:21	50701 SMEC_T1	12	13	1	0.63	0.79	0.16	0	0	0	0	0	0	0	0
2/26/2024 12:22	18001 ZION_T1	4	3	-1	0.45	0.57	0.12	0	0	0	0	0	0	0	0
2/26/2024 12:22	50701 SMEC_T1	12	13	1	0.63	0.79	0.16	0	0	0	0	0	0	0	0
2/26/2024 12:27	43202 MVIL_T2	0	64	64	0	0.71	0.71	0	0	0	0	0	0	0	0
2/26/2024 12:36	60201 ATGL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/26/2024 12:36	16302 ALPA_T2	0	3	3	0	0.1	0.1	0	0	0	0	0	0	0	0
2/26/2024 12:37	16302 ALPA_T2	0	3	3	0	0.1	0.1	0	0	0	0	0	0	0	0
2/26/2024 12:38	16302 ALPA_T2	0	3	3	0	0.1	0.1	0	0	0	0	0	0	0	0
2/26/2024 12:40	16302 ALPA_T2	0	3	3	0	0.1	0.1	0	0	0	0	0	0	0	0
2/26/2024 12:42	23901 EFMO_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/26/2024 12:46	65004 NEFF_T2	4	2	-2	0.45	0.75	0.3	0	0	0	0	0	0	0	0
2/26/2024 12:49	47402 PENS_T1	1	2	1	0.7	0.45	-0.25	0	0	0	0	0	0	0	0
2/26/2024 12:52	20401 ASHF_T2	5	4	-1	0.36	0.33	-0.03	0	0	0	0	0	0	0	0
2/26/2024 12:52	47403 PENS_T1	0	2	2	0	1.3	1.3	0	0	0	0	0	0	0	0
2/26/2024 12:53	20403 ASHF_T2	26	27	1	0.61	0.69	0.08	0	0	0	0	0	0	0	0
2/26/2024 12:53	66702 STRA_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/26/2024 12:53	60803 BUCK_T1	2	2	0	0.2	0.2	0	0	0	0	0	0	0	0	0
2/26/2024 12:55	60803 BUCK_T1	2	2	0	0.2	0.2	0	0	0	0	0	0	0	0	0
2/26/2024 12:56	23902 EFMO_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/26/2024 12:57	28701 HAML_T2	2	3	1	0.75	0.63	-0.12	0	0	0	0	0	0	0	0
2/26/2024 12:57	23902 EFMO_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/26/2024 12:58	11503 FREE_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/26/2024 12:59	64401 LAND_T1	0	2	2	0	0.6	0.6	0	0	0	0	0	0	0	0
2/26/2024 13:05	43303 WATS_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/26/2024 13:08	43201 MVIL_T2	1	0	-1	0.3	0	-0.3	0	0	0	0	0	0	0	0
2/26/2024 13:09	43202 MVIL_T2	64	0	-64	0.93	0	-0.93	0	0	0	0	0	0	0	0
2/26/2024 13:10	49804 UNIV_T1	4	4	0	0.38	0.33	-0.05	0	0	0	0	0	0	0	0
2/26/2024 13:10	46206 DANV_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/26/2024 13:12	46203 DANV_T2	18	19	1	0.44	0.43	-0.01	0	0	0	0	0	0	0	0
2/26/2024 13:12	54506 ENOL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/26/2024 13:13	46203 DANV_T2	18	19	1	0.44	0.43	-0.01	0	0	0	0	0	0	0	0
2/26/2024 13:13	54503 ENOL_T2	0	1	1	0	0.3	0.3	0	0	0	0	0	0	0	0
2/26/2024 13:23	65004 NEFF_T2	2	3	1	0.7	0.43	-0.27	0	0	0	0	0	0	0	0
2/26/2024 13:26	49803 UNIV_T1	2	2	0	0.75	0.35	-0.4	0	0	0	0	0	0	0	0
2/26/2024 13:30	65005 NEFF_T2	1	1	0	0.3	0.2	-0.1	0	0	0	0	0	0	0	0
2/26/2024 13:34	56501 ROCK_T2	7	10	3	0.17	0.29	0.12	0	0	0	0	0	0	0	0
2/26/2024 13:35	13901 SEID_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/26/2024 13:35	56501 ROCK_T2	14	20	6	0.17	0.29	0.12	0	0	0	0	0	0	0	0
2/26/2024 13:38	56503 ROCK_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/26/2024 13:38	56503 ROCK_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/26/2024 13:38	61102 BERK_T5	1	2	1	0.2	0.2	0	0	0	0	0	0	0	0	0
2/26/2024 13:39	43001 ALWD_T1	3	5	2	0.8	0.73	-0.07	0	0	0	0	0	0	0	0
2/26/2024 13:39	16103 BING_T2	1	1	0	0.5	0.8	0.3	0	0	0	0	0	0	0	0
2/26/2024 13:40	60801 BUCK_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/26/2024 13:40	61103 BERK_T5	5	6	1	0.38	0.42	0.04	0	0	0	0	0	0	0	0
2/26/2024 13:40	56501 ROCK_T2	7	10	3	0.17	0.29	0.12	0	0	0	0	0	0	0	0
2/26/2024 13:40	20402 ASHF_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/26/2024 13:48	46101 MACI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/26/2024 13:49	47401 PENS_T1	13	22	9	0.39	0.3	-0.09	0	0	0	0	0	0	0	0
2/26/2024 13:49	65005 NEFF_T2	1	0	-1	0.2	0	-0.2	0	0	0	0	0	0	0	0
2/26/2024 13:50	47401 PENS_T1	13	22	9	0.39	0.3	-0.09	0	0	0	0	0	0	0	0
2/26/2024 13:50	42803 SELI_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/26/2024 13:50	26402 INOR_T1	18	47	29	0.37	0.26	-0.11	0	0	0	0	0	0	0	0
2/26/2024 13:51	66501 SMAN_T2	2	2	0	0.45	0.7	0.25	0	0	0	0	0	0	0	0
2/26/2024 13:52	42802 SELI_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/26/2024 13:53	26402 INOR_T1	18	47	29	0.37	0.26	-0.11	0	0	0	0	0	0	0	0
2/26/2024 13:54	10701 CATA_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0

Appendix C - Grid Benefits Achieved in Each Instance of Active Management

2/26/2024 14:15	16103 BING_T2	1	0	-1	0.5	0	-0.5	0	0	0	0	0	0	0	0
2/26/2024 14:15	54501 ENOL_T2	3	4	1	0.2	0.33	0.13	0	0	0	0	0	0	0	0
2/26/2024 14:16	54506 ENOL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/26/2024 14:16	65004 NEFF_T2	2	3	1	0.25	0.27	0.02	0	0	0	0	0	0	0	0
2/26/2024 14:16	54506 ENOL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/26/2024 14:16	54504 ENOL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/26/2024 14:16	25502 MADI_T1	1	2	1	0.4	0.3	-0.1	0	0	0	0	0	0	0	0
2/26/2024 14:16	56601 HAMP_T1	0	3	3	0	0.13	0.13	0	0	0	0	0	0	0	0
2/26/2024 14:17	12704 MACU_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/26/2024 14:17	54501 ENOL_T2	3	4	1	0.2	0.33	0.13	0	0	0	0	0	0	0	0
2/26/2024 14:17	44701 MUNC_T2	9	8	-1	0.24	0.33	0.09	0	0	0	0	0	0	0	0
2/26/2024 14:17	65203 PRIN_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/26/2024 14:17	26401 INOR_T1	1	3	2	0.1	0.23	0.13	0	0	0	0	0	0	0	0
2/26/2024 14:18	54206 PENN_T2	58	145	87	0.17	0.2	0.03	0	0	0	0	0	0	0	0
2/26/2024 14:18	50503 MECH_T1	11	77	66	0.29	0.17	-0.12	0	0	0	0	0	0	0	0
2/26/2024 14:20	67402 WAKE_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/26/2024 14:20	47403 PENS_T1	1	1	0	0.1	0.3	0.2	0	0	0	0	0	0	0	0
2/26/2024 14:20	54206 PENN_T2	58	145	87	0.17	0.2	0.03	0	0	0	0	0	0	0	0
2/26/2024 14:21	65005 NEFF_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/26/2024 14:21	16302 ALPA_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/26/2024 14:21	44701 MUNC_T2	9	8	-1	0.24	0.33	0.09	0	0	0	0	0	0	0	0
2/26/2024 14:21	60305 TWVA_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/26/2024 14:21	54206 PENN_T2	58	145	87	0.17	0.2	0.03	0	0	0	0	0	0	0	0
2/26/2024 14:21	47401 PENS_T1	21	5	-16	0.31	0.62	0.31	0	0	0	0	0	0	0	0
2/26/2024 14:22	41901 REED_T1	11	11	0	0.26	0.42	0.16	0	0	0	0	0	0	0	0
2/26/2024 14:22	13902 SEID_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/26/2024 14:22	60701 BREC_T1	3	2	-1	0.2	0.55	0.35	0	0	0	0	0	0	0	0
2/26/2024 14:22	47402 PENS_T1	2	2	0	0.4	0.1	-0.3	0	0	0	0	0	0	0	0
2/26/2024 14:22	16302 ALPA_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/26/2024 14:22	43001 ALWD_T1	4	4	0	0.58	0.6	0.02	0	0	0	0	0	0	0	0
2/26/2024 14:23	56504 ROCK_T2	1	1	0	0.1	0.2	0.1	0	0	0	0	0	0	0	0
2/26/2024 14:23	16302 ALPA_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/26/2024 14:23	67402 WAKE_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/26/2024 14:23	54001 SDLE_T1	9	10	1	0.92	1.07	0.15	0	0	0	0	0	0	0	0
2/26/2024 14:25	46002 BERW_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/26/2024 14:25	60803 BUCK_T1	2	0	-2	0.1	0	-0.1	0	0	0	0	0	0	0	0
2/26/2024 14:25	46206 DANV_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/26/2024 14:25	44302 BEAV_T2	8	82	74	0.19	0.31	0.12	0	0	0	0	0	0	0	0
2/26/2024 14:25	16302 ALPA_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/26/2024 14:26	54502 ENOL_T2	2	18	16	0.3	0.13	-0.17	0	0	0	0	0	0	0	0
2/26/2024 14:26	44302 BEAV_T2	8	82	74	0.19	0.31	0.12	0	0	0	0	0	0	0	0
2/26/2024 14:26	44302 BEAV_T2	8	82	74	0.19	0.31	0.12	0	0	0	0	0	0	0	0
2/26/2024 14:26	43001 ALWD_T1	4	4	0	0.58	0.6	0.02	0	0	0	0	0	0	0	0
2/26/2024 14:27	54505 ENOL_T2	1	2	1	1.4	0.75	-0.65	0	0	0	0	0	0	0	0
2/26/2024 14:27	43202 MVIL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/26/2024 14:27	26401 INOR_T1	1	3	2	0.1	0.23	0.13	0	0	0	0	0	0	0	0
2/26/2024 14:27	54506 ENOL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/26/2024 14:27	60801 BUCK_T1	2	0	-2	0.1	0	-0.1	0	0	0	0	0	0	0	0
2/26/2024 14:27	23901 EFMO_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/26/2024 14:27	44301 BEAV_T2	0	7	7	0	0.21	0.21	0	0	0	0	0	0	0	0
2/26/2024 14:27	60701 BREC_T1	3	2	-1	0.2	0.55	0.35	0	0	0	0	0	0	0	0
2/26/2024 14:28	54502 ENOL_T2	2	18	16	0.3	0.13	-0.17	0	0	0	0	0	0	0	0
2/26/2024 14:29	54502 ENOL_T2	2	18	16	0.3	0.13	-0.17	0	0	0	0	0	0	0	0
2/26/2024 14:29	54501 ENOL_T2	3	4	1	0.2	0.33	0.13	0	0	0	0	0	0	0	0
2/26/2024 14:30	58401 MORO_T1	4	2	-2	0.25	0.1	-0.15	0	0	0	0	0	0	0	0
2/26/2024 14:30	26401 INOR_T1	2	3	1	0.2	0.17	-0.03	0	0	0	0	0	0	0	0
2/26/2024 14:30	28704 HAML_T2	194	196	2	1.74	1.89	0.15	0	0	0	0	0	0	0	0
2/26/2024 14:31	54502 ENOL_T2	18	2	-16	0.13	0.35	0.22	0	0	0	0	0	0	0	0
2/26/2024 14:31	65005 NEFF_T2	0	1	1	0	0.2	0.2	0	0	0	0	0	0	0	0
2/26/2024 14:31	64301 LINC_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/26/2024 14:31	44702 MUNC_T2	14	73	59	0.13	0.24	0.11	0	0	0	0	0	0	0	0
2/26/2024 14:31	64303 LINC_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/26/2024 14:32	47402 PENS_T1	1	1	0	0.1	0.1	0	0	0	0	0	0	0	0	0
2/26/2024 14:32	64802 MONE_T2	89	128	39	0.23	0.27	0.04	0	0	0	0	0	0	0	0
2/26/2024 14:32	64201 KINZ_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/26/2024 14:32	64801 MONE_T2	243	285	42	0.38	0.42	0.04	0	0	0	0	0	0	0	0
2/26/2024 14:32	25501 MADI_T1	1	1	0	0.2	0.1	-0.1	0	0	0	0	0	0	0	0
2/26/2024 14:32	44701 MUNC_T2	5	58	53	0.34	0.19	-0.15	0	0	0	0	0	0	0	0
2/26/2024 14:32	54206 PENN_T2	129	98	-31	0.21	0.14	-0.07	0	0	0	0	0	0	0	0
2/26/2024 14:32	58401 MORO_T1	4	2	-2	0.25	0.1	-0.15	0	0	0	0	0	0	0	0
2/26/2024 14:33	65205 PRIN_T1	1	1	0	0.8	0.9	0.1	0	0	0	0	0	0	0	0
2/26/2024 14:33	54504 ENOL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/26/2024 14:33	58402 MORO_T1	2	0	-2	0.1	0	-0.1	0	0	0	0	0	0	0	0
2/26/2024 14:33	12704 MACU_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/26/2024 14:33	54206 PENN_T2	258	196	-62	0.21	0.14	-0.07	0	0	0	0	0	0	0	0
2/26/2024 14:33	25402 LAHA_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/26/2024 14:33	54206 PENN_T2	258	196	-62	0.21	0.14	-0.07	0	0	0	0	0	0	0	0
2/26/2024 14:34	46801 HEPB_T2	2	2	0	0.5	0.5	0	0	0	0	0	0	0	0	0
2/26/2024 14:34	15203 SFAR_T2	16	41	25	0.25	0.21	-0.04	0	0	0	0	0	0	0	0
2/26/2024 14:34	47401 PENS_T1	4	3	-1	0.7	0.47	-0.23	0	0	0	0	0	0	0	0
2/26/2024 14:35	66502 SMAN_T2	2	4	2	0.1	0.23	0.13	0	0	0	0	0	0	0	0
2/26/2024 14:35	67001 STHI_T2	494	599	105	0.24	0.32	0.08	0	0	0	0	0	0	0	0
2/26/2024 14:36	67002 STHI_T2	225	346	121	0.19	0.23	0.04	0	0	0	0	0	0	0	0
2/26/2024 14:36	54204 PENN_T2	3	3	0	0.3	0.13	-0.17	0	0	0	0	0	0	0	0
2/26/2024 14:36	67401 WAKE_T2	0	1	1	0	0.1	0.1	0	0	0	0	0	0	0	0
2/26/2024 14:36	57403 SPAN_T1	169	182	13	0.47	0.37	-0.1	0	0	0	0	0	0	0	0
2/26/2024 14:36	44601 SALE_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/26/2024 14:37	46002 BERW_T2	0	1	1	0	0	0	0	0	0	0	0	0	0	0
2/26/2024 14:37	60305 TWVA_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/26/2024 14:37	66701 STRA_T1	1	2	1	0.6	0.3	-0.3	0	0	0	0	0	0	0	0
2/26/2024 14:37	20401 ASHF_T2	5	8	3	0.28	0.4	0.12	0	0	0	0	0	0	0	0
2/26/2024 14:37	44601 SALE_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/26/2024 14:37	43001 ALWD_T1	4	3	-1	0.6	0.2	-0.4	0	0	0	0	0	0	0	0
2/26/2024 14:37	67002 STHI_T2	225	346	121	0.19	0.23	0.04	0	0	0	0	0	0	0	0
2/26/2024 14:37	67002 STHI_T2	225	346	121	0.19	0.23	0.04	0	0	0	0	0	0	0	0
2/26/2024 14:37	16302 ALPA_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/26/2024 14:37	60701 BREC_T1	2	2	0	0.45	0.55	0.1	0	0	0	0	0	0	0	0
2/26/2024 14:37	67402 WAKE_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/26/2024 14:38	20402 ASHF_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/26/2024 14:38	56504 ROCK_T2	2	0	-2	0.2	0	-0.2	0	0	0	0	0	0	0	0
2/26/2024 14:38	13905 SEID_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/26/2024 14:38	67001 STHI_T2	494	599	105	0.24	0.32	0.08	0	0	0	0	0	0	0	0
2/26/2024 14:38	57403 SPAN_T1	169	182	13	0.47	0.37	-0.1	0	0	0	0	0	0	0	0
2/26/2024 14:38	60701 BREC_T1	2	2	0	0.45	0.55	0.1	0	0	0	0	0	0	0	0
2/26/2024 14:38	16302 ALPA_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/26/2024 14:38	67001 STHI_T2	494	599	105	0.24	0.32	0.08	0	0	0	0	0	0	0	0
2/26/2024 14:38	27502 WEIS_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/26/2024 14:38	60803 BUCK_T1	0	2	2	0	0.15	0.15	0	0	0	0	0	0	0	0
2/26/2024 14:39	54505 ENOL_T2	2	1	-1	0.75	1.3	0.55	0	0	0	0	0	0	0	0
2/26/2024 14:39	15001 BLMO_T1	3	4	1	0.2	0.43	0.23	0	0	0	0	0	0	0	0
2/26/2024 14:39	67001 STHI_T2	494	599	105	0.24	0.32	0.08	0	0	0	0	0	0	0	0
2/26/2024 14:39	16302 ALPA_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/26/2024 14:40	60803 BUCK_T1	0	2	2	0	0.15	0.15	0	0	0	0	0	0	0	0
2/26/2024 14:40	15001 BLMO_T1	3	4	1	0.2	0.43	0.23	0	0	0	0	0	0	0	0
2/26/2024 14:41	29401 BELT_T1	3	31	28	0.27	0.16	-0.11	0	0	0	0	0	0	0	0
2/26/2024 14:41	46002 BERW_T2	0	1	1	0	0	0	0	0	0	0	0	0	0	0
2/26/2024 14:41	54501 ENOL_T2	4	4	0	0.33	0.33	0	0	0	0	0	0	0	0	0
2/26/2024 14:41	16302 ALPA_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/26/2024 14:42	65002 NEFF_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/26/2024 14:42	29401 BELT_T1	3	31	28	0.27	0.16	-0.11	0	0	0	0	0	0	0	0
2/26/2024 14:42	23901 EFMO_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/26/2024 14:42	43202 MVIL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/26/2024 14:43	54504 ENOL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/26/2024 14:43	43201 MVIL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/26/2024 14:43	26402 INOR_T1	35	167	132	0.26	0.31	0.05	0	0	0	0	0	0	0	0
2/26/2024 14:43	54501 ENOL_T2	4	4	0	0.33	0.33	0	0	0	0	0	0	0	0	0
2/26/2024 14:43	23902 EFMO_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/26/2024 14:44	54504 ENOL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/26/2024 14:44	54506 ENOL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/26/2024 14:44	62604 ENGL_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/26/2024 14:45	54504 ENOL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/26/2024 14:46	28703 HAML_T2	3	3	0	0.63	0.73	0.1	0	0	0	0	0	0	0	0
2/26/2024 14:46	26401 INOR_T1	3	1	-2	0.17	0.2	0.03	0	0	0	0	0	0	0	0
2/26/2024 14:47	60102 COCA_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/26/2024 14:47	13502 MCMI_T1	2	0	-2	0.15	0	-0.15	0	0	0	0	0	0	0	0
2/26/2024 14:47	44702 MUNC_T2	33	88	55	0.21	0.28	0.07	0	0	0	0	0	0	0	0
2/26/2024 14:47	65005 NEFF_T2	0	1	1	0	0.2	0.2	0	0	0	0	0	0	0	0
2/26/2024 14:48	25502 MADI_T1	2	0	-2	0.3	0	-0.3	0	0	0	0	0	0	0	0
2/26/2024 14:48	58402 MORO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/26/2024 14:48	12701 MACU_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/26/2024 14:48	47401 PENS_T1	3	1	-2	0.47	1	0.53	0	0	0	0	0	0	0	0
2/26/2024 14:48	64801 MONE_T2	230	277	47	0.37	0.43	0.06	0	0	0	0	0	0	0	0
2/26/2024 14:49	65205 PRIN_T1	1	1	0	0.9	0.9	0	0	0	0	0	0	0	0	0
2/26/2024 14:49	46801 HEPB_T2	2	2	0	0.5	0.45	-0.05	0	0	0	0	0	0	0	0
2/26/2024 14:52	67604 WARW_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/26/2024 14:52	24901 WHHA_T1	1	1	0	0.6	0.4	-0.2	0	0	0	0	0	0	0	0
2/26/2024 14:52	67201 TEHI_T1	3	37	34	0.43	0.19	-0.24	0	0	0	0	0	0	0	0
2/26/2024 14:53	66703 STRA_T1	3	3	0	0.1	0.13	0.03	0	0	0	0	0	0	0	0
2/26/2024 14:53	67604 WARW_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/26/2024 14:54	45601 WOOL_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/26/2024 14:54	43402 BENT_T1	1	2	1	0.1	0.25	0.15	0	0	0	0	0	0	0	0
2/26/2024 14:55	15001 BLMO_T1	4	3	-1	0.43	0.27	-0.16	0	0	0	0	0	0	0	0
2/26/2024 14:56	15001 BLMO_T1	4	3	-1	0.43	0.27	-0.16	0	0	0	0	0	0	0	0
2/26/2024 14:58	40801 EXCH_T2	2	4	2	0.4	0.4	0	0	0	0	0	0	0	0	0
2/26/2024 14:58	64204 KINZ_T1	1	2	1	1.3	0.7	-0.6	0	0	0	0	0	0	0	0
2/26/2024 14:59	11507 FREE_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/26/2024 14:59	46602 LACR_T1	3	3	0	0.73	0.57	-0.16	0	0	0	0	0	0	0	0
2/26/2024 15:01	52006 LING_T2	3	3	0	0.63	0.37	-0.26	0	0	0	0	0	0	0	0
2/26/2024 15:02	47402 PENS_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/26/2024 15:02	64303 LINC_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/26/2024 15:03	60502 NMAN_T2	1	0	-1	0.1	0	-0.1	0	0	0	0	0	0	0	0
2/26/2024 15:03	65502 MOJO_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/26/2024 15:03	65001 NEFF_T2	17	34	17	0.16	0.14	-0.02	0	0	0	0	0	0	0	0
2/26/2024 15:03	60101 COCA_T1	1	0	-1	0.1	0	-0.1	0	0	0	0	0	0	0	0
2/26/2024 15:04	60102 COCA_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/26/2024 15:04	60502 NMAN_T2	1	0	-1	0.1	0	-0.1	0	0	0	0	0	0	0	0
2/26/2024 15:04	65502 MOJO_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/26/2024 15:04	43302 WATS_T2	0	1	1	0	0.1	0.1	0	0	0	0	0	0	0	0
2/26/2024 15:06	43301 WATS_T2	2	2	0	0.4	0.4	0	0	0	0	0	0	0	0	0
2/26/2024 15:08	56504 ROCK_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/26/2024 15:08	60201 ATGL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/26/2024 15:08	43801 SWIL_T1	62	28	-34	0.3	0.37	0.07	0	0	0	0	0	0	0	0
2/26/2024 15:09	43801 SWIL_T1	62	28	-34	0.3	0.37	0.07	0	0	0	0	0	0	0	0
2/26/2024 15:10	61103 BERK_T5	4	1	-3	0.3	0.1	-0.2	0	0	0	0	0	0	0	0
2/26/2024 15:11	10707 CATA_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/26/2024 15:12	61101 BERK_T5	3	0	-3	0.1	0	-0.1	0	0	0	0	0	0	0	0
2/26/2024 15:14	23902 EFMO_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/26/2024 15:14	40901 JESH_T1	1	0	-1	0.1	0	-0.1	0	0	0	0	0	0	0	0
2/26/2024 15:24	41602 CLEV_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/26/2024 15:26	41602 CLEV_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/26/2024 15:28	46205 DANV_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/26/2024 15:30	23902 EFMO_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/26/2024 15:30	59001 MIFF_T1	0	0	0	0	0	0	0	0	0	0	0

2/26/2024 19:47	13901 SEID_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
2/26/2024 19:47	13501 MCMI_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
2/26/2024 19:47	28801 LAKE_T1	39	2	-37	0.21	0.1	-0.11	0	0	0	0	0	0	0
2/26/2024 19:47	11503 FREE_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
2/26/2024 19:47	27503 WEIS_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
2/26/2024 19:47	17801 GILB_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
2/26/2024 19:47	13503 MCMI_T2	62	127	65	0.38	0.39	0.01	0	0	0	0	0	0	0
2/26/2024 19:47	26401 INOR_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
2/26/2024 19:48	25402 LAHA_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
2/26/2024 19:48	29401 BELT_T1	22	17	-5	0.14	0.15	0.01	0	0	0	0	0	0	0
2/26/2024 19:49	62601 ENGL_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
2/26/2024 19:49	29402 BELT_T1	1	1	0	7.1	7	-0.1	0	0	0	0	0	0	0
2/26/2024 19:50	13502 MCMI_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
2/26/2024 19:50	29401 BELT_T1	22	17	-5	0.14	0.15	0.01	0	0	0	0	0	0	0
2/26/2024 19:51	62604 ENGL_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
2/26/2024 19:51	10805 CHHI_T2	1	6	5	7.8	7.4	-0.4	0	0	0	0	0	0	0
2/26/2024 19:51	24902 WHHA_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
2/26/2024 19:51	16101 BING_T2	5	0	-5	0.38	0	-0.38	0	0	0	0	0	0	0
2/26/2024 19:51	26402 INOR_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
2/26/2024 19:52	64204 KINZ_T1	1	1	0	0.9	1	0.1	0	0	0	0	0	0	0
2/26/2024 19:52	65004 NEFF_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
2/26/2024 19:52	29402 BELT_T1	1	1	0	7.1	7	-0.1	0	0	0	0	0	0	0
2/26/2024 19:52	17802 GILB_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
2/26/2024 19:52	25503 MADI_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
2/26/2024 19:52	23902 EFMO_T2	0	1	1	0	0	0	0	0	0	0	0	0	0
2/26/2024 19:52	44601 SALE_T2	0	1	1	0	0.1	0.1	0	0	0	0	0	0	0
2/26/2024 19:52	16302 ALPA_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
2/26/2024 19:52	15001 BLMO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
2/26/2024 19:53	67502 WEWI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
2/26/2024 19:53	16302 ALPA_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
2/26/2024 19:53	46301 ROHR_T1	0	1	1	0	0	0	0	0	0	0	0	0	0
2/26/2024 19:53	12704 MACU_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
2/26/2024 19:53	15001 BLMO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
2/26/2024 19:53	13503 MCMI_T2	62	127	65	0.38	0.39	0.01	0	0	0	0	0	0	0
2/26/2024 19:54	64204 KINZ_T1	1	1	0	0.9	1	0.1	0	0	0	0	0	0	0
2/26/2024 19:54	20602 GRWO_T2	0	5	5	0	0.12	0.12	0	0	0	0	0	0	0
2/26/2024 19:54	29401 BELT_T1	22	17	-5	0.14	0.15	0.01	0	0	0	0	0	0	0
2/26/2024 19:54	13503 MCMI_T2	62	127	65	0.38	0.39	0.01	0	0	0	0	0	0	0
2/26/2024 19:54	44802 EDAN_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
2/26/2024 19:54	13302 ORVI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
2/26/2024 19:55	66501 SMAN_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
2/26/2024 19:56	64702 LITI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
2/26/2024 19:56	46003 BERW_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
2/26/2024 19:56	40502 CRES_T2	19	18	-1	0.29	0.29	0	0	0	0	0	0	0	0
2/26/2024 19:56	61102 BERK_T5	1	1	0	0.4	0.5	0.1	0	0	0	0	0	0	0
2/26/2024 19:56	46202 DANV_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
2/26/2024 19:56	64305 LINC_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
2/26/2024 19:56	16302 ALPA_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
2/26/2024 19:56	67001 STHI_T2	463	559	96	0.27	0.32	0.05	0	0	0	0	0	0	0
2/26/2024 19:56	17801 GILB_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
2/26/2024 19:56	44601 SALE_T2	0	1	1	0	0.1	0.1	0	0	0	0	0	0	0
2/26/2024 19:56	46101 MACI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
2/26/2024 19:56	44802 EDAN_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
2/26/2024 19:57	10706 CATA_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
2/26/2024 19:57	14401 SSLA_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
2/26/2024 19:57	62607 ENGL_T1	1	1	0	1.3	1.2	-0.1	0	0	0	0	0	0	0
2/26/2024 19:57	67603 WARW_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
2/26/2024 19:57	60201 ATGL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
2/26/2024 19:57	47802 MOCA_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
2/26/2024 19:57	65005 NEFF_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
2/26/2024 19:57	23901 EFMO_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
2/26/2024 19:57	13502 MCMI_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
2/26/2024 19:57	43001 ALWD_T1	1	1	0	0.1	0.1	0	0	0	0	0	0	0	0
2/26/2024 19:57	60101 COCA_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
2/26/2024 19:57	28803 LAKE_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
2/26/2024 19:57	45501 DERR_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
2/26/2024 19:57	60301 TWVA_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
2/26/2024 19:57	67002 STHI_T2	114	208	94	0.17	0.22	0.05	0	0	0	0	0	0	0
2/26/2024 19:57	60701 BREC_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
2/26/2024 19:57	29401 BELT_T1	22	17	-5	0.14	0.15	0.01	0	0	0	0	0	0	0
2/26/2024 19:57	67002 STHI_T2	114	208	94	0.17	0.22	0.05	0	0	0	0	0	0	0
2/26/2024 19:58	10707 CATA_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
2/26/2024 19:58	40101 HUNT_T2	43	53	10	0.46	0.47	0.01	0	0	0	0	0	0	0
2/26/2024 19:58	43301 WATS_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
2/26/2024 19:58	42401 GIMA_T1	44	38	-6	0.2	0.17	-0.03	0	0	0	0	0	0	0
2/26/2024 19:58	43202 MVIL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
2/26/2024 19:58	65503 MOJO_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
2/26/2024 19:58	61102 BERK_T5	1	1	0	0.4	0.5	0.1	0	0	0	0	0	0	0
2/26/2024 19:58	44801 EDAN_T2	2	2	0	1.25	1.2	-0.05	0	0	0	0	0	0	0
2/26/2024 19:58	42203 SHEN_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
2/26/2024 19:58	42002 MNVL_T2	1	1	0	5.8	5.7	-0.1	0	0	0	0	0	0	0
2/26/2024 19:58	56802 BENV_T2	1	1	0	0.3	0.5	0.2	0	0	0	0	0	0	0
2/26/2024 19:58	20401 ASHF_T2	2	2	0	0.7	0.65	-0.05	0	0	0	0	0	0	0
2/26/2024 19:58	41801 GOCI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
2/26/2024 19:58	67002 STHI_T2	114	208	94	0.17	0.22	0.05	0	0	0	0	0	0	0
2/26/2024 19:58	43401 BENT_T1	0	1	1	0	0	0	0	0	0	0	0	0	0
2/26/2024 19:58	28602 BLYT_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
2/26/2024 19:58	64801 MONE_T2	11	11	0	0.21	0.3	0.09	0	0	0	0	0	0	0
2/26/2024 19:58	60102 COCA_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
2/26/2024 19:58	13503 MCMI_T2	62	127	65	0.38	0.39	0.01	0	0	0	0	0	0	0
2/26/2024 19:58	49803 UNIV_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
2/26/2024 19:58	29402 BELT_T1	1	1	0	7.1	7	-0.1	0	0	0	0	0	0	0
2/26/2024 19:59	41601 CLEV_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
2/26/2024 19:59	54506 ENOL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
2/26/2024 19:59	46002 BERW_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
2/26/2024 19:59	10801 CHHI_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
2/26/2024 19:59	52006 LING_T2	2	2	0	0.15	0.4	0.25	0	0	0	0	0	0	0
2/26/2024 19:59	65203 PRIN_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
2/26/2024 19:59	56601 HAMP_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
2/26/2024 19:59	40101 HUNT_T2	43	53	10	0.46	0.47	0.01	0	0	0	0	0	0	0
2/26/2024 19:59	16302 ALPA_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
2/26/2024 20:00	17805 GILB_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
2/26/2024 20:00	60801 BUCK_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
2/26/2024 20:00	56802 BENV_T2	1	1	0	0.4	0.5	0.1	0	0	0	0	0	0	0
2/26/2024 20:00	15203 SFAR_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
2/26/2024 20:01	46201 DANV_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
2/26/2024 20:01	60803 BUCK_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
2/26/2024 20:01	54501 ENOL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
2/26/2024 20:01	57403 SPAN_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
2/26/2024 20:01	67201 TEHI_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
2/26/2024 20:01	62602 ENGL_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
2/26/2024 20:01	51603 DUKE_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
2/26/2024 20:01	67001 STHI_T2	453	585	132	0.26	0.34	0.08	0	0	0	0	0	0	0
2/26/2024 20:01	67002 STHI_T2	93	306	213	0.18	0.21	0.03	0	0	0	0	0	0	0
2/26/2024 20:01	15001 BLMO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
2/26/2024 20:01	57401 SPAN_T1	1	2	1	0.1	0.3	0.2	0	0	0	0	0	0	0
2/26/2024 20:01	42002 MNVL_T2	1	1	0	5.7	5.6	-0.1	0	0	0	0	0	0	0
2/26/2024 20:01	40101 HUNT_T2	50	31	-19	0.48	0.52	0.04	0	0	0	0	0	0	0
2/26/2024 20:02	44302 BEAV_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
2/26/2024 20:02	54506 ENOL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
2/26/2024 20:02	67401 WAKE_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
2/26/2024 20:02	54503 ENOL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
2/26/2024 20:02	65003 NEFF_T2	27	95	68	0.14	0.2	0.06	0	0	0	0	0	0	0
2/26/2024 20:02	43303 WATS_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
2/26/2024 20:02	47403 PENS_T1	1	1	0	2.3	2.3	0	0	0	0	0	0	0	0
2/26/2024 20:02	44703 MUNC_T2	3	3	0	0.7	0.7	0	0	0	0	0	0	0	0
2/26/2024 20:02	40602 PIGR_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
2/26/2024 20:02	54206 PENN_T2	0	5	5	0	0.14	0.14	0	0	0	0	0	0	0
2/26/2024 20:02	57303 MOAL_T2	1	1	0	7.6	7.3	-0.3	0	0	0	0	0	0	0
2/26/2024 20:02	14403 SSLA_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
2/26/2024 20:02	42203 SHEN_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
2/26/2024 20:02	57403 SPAN_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
2/26/2024 20:02	67502 WEWI_T2	0	7	7	0	0.1	0.1	0	0	0	0	0	0	0
2/26/2024 20:02	41601 CLEV_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
2/26/2024 20:02	60101 COCA_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
2/26/2024 20:02	43001 ALWD_T1	1	5	4	0.1	0.1	0	0	0	0	0	0	0	0
2/26/2024 20:02	45402 WBLO_T2	25	40	15	0.19	0.21	0.02	0	0	0	0	0	0	0
2/26/2024 20:02	18001 ZION_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
2/26/2024 20:03	20401 ASHF_T2	2	2	0	0.65	0.5	-0.15	0	0	0	0	0	0	0
2/26/2024 20:03	40501 CRES_T2	1	2	1	0.1	0.15	0.05	0	0	0	0	0	0	0
2/26/2024 20:03	62606 ENGL_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
2/26/2024 20:03	42902 MIDD_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
2/26/2024 20:03	67502 WEWI_T2	0	7	7	0	0.1	0.1	0	0	0	0	0	0	0
2/26/2024 20:03	60502 NMAN_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
2/26/2024 20:03	57401 SPAN_T1	2	4	2	0.1	0.3	0.2	0	0	0	0	0	0	0
2/26/2024 20:03	12701 MACU_T1	2	0	-2	0.65	0	-0.65	0	0	0	0	0	0	0
2/26/2024 20:03	64801 MONE_T2	7	15	8	0.21	0.27	0.06	0	0	0	0	0	0	0
2/26/2024 20:03	43304 WATS_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
2/26/2024 20:03	57401 SPAN_T1	2	4	2	0.1	0.3	0.2	0	0	0	0	0	0	0
2/26/2024 20:03	20602 GRWO_T2	0	21	21	0	0.13	0.13	0	0	0	0	0	0	0
2/26/2024 20:03	55001 NEWP_T1	66	0	-66	0.19	0	-0.19	0	0	0	0	0	0	0
2/26/2024 20:03	43202 MVIL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
2/26/2024 20:03	59101 WALK_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
2/26/2024 20:03	46301 ROHR_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
2/26/2024 20:03	44701 MUNC_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
2/26/2024 20:03	46602 LACR_T1	1	1	0	0.2	0.1	-0.1	0	0	0	0	0	0	0
2/26/2024 20:03	51603 DUKE_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
2/26/2024 20:03	65502 MOJO_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
2/26/2024 20:03	41801 GOCI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
2/26/2024 20:03	42202 SHEN_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
2/26/2024 20:03	56802 BENV_T2	1	1	0	0.4	0.5	0.1	0	0	0	0	0	0	0
2/26/2024 20:03	44302 BEAV_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
2/26/2024 20:04	40603 PIGR_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
2/26/2024 20:04	42901 MIDD_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
2/26/2024 20:04	50201 HARR_T3	1	1	0	0.6	0.7	0.1	0	0	0	0	0	0	0
2/26/2024 20:04	55001 NEWP_T1	33	0	-33	0.19	0	-0.19	0	0	0	0	0	0	0
2/26/2024 20:04	58001 WCAR_T1	0	8	8	0	0.3	0.3	0	0	0	0	0	0	0
2/26/2024 20:04	54501 ENOL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
2/26/2024 20:04	50506 MECH_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
2/26/2024 20:04	62607 ENGL_T1	1	1	0	1.5	1.1	-0.4	0	0	0	0	0	0	0
2/26/2024 20:04	41802 GOCI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
2/26/2024 20:04	58402 MORO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
2/26/2024 20:04	42803 SELI_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
2/26/2024 20:04	53903 HALI_T2	2	2	0	0.3	1.4	1.1	0	0	0	0	0	0	0
2/26/2024 20:04	47402 PENS_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
2/26/2024 20:04	54202 PENN_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
2/26/2024 20:04	42902 MIDD_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
2/26/2024 20:04	56802 BENV_T2	1	1	0	0.4	0.5	0.1	0	0	0	0	0	0	0
2/26/2024 20:04	59102 WALK_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
2/26/2024 20:04	40502 CRES_T2	15	19	4	0.25	0.31	0.06	0	0	0	0	0	0	0
2/26/2024 20:04	57401 SPAN_T1	2	4	2	0.1	0.3	0.2	0	0	0	0	0	0	0
2/26/2024 20:04	59002 MIFF_T1	5	0	-5	0.52	0	-0.52	0	0	0	0	0	0	0
2/26/2024 20:04	54501 ENOL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
2/26/2024 20:04	44801 EDAN_T2	2	2	0	1.25	1.7	0.45	0	0	0	0	0	0	0
2/26/2024 20:04	67002 STHI_T2	186	612	426	0.18	0.21	0.03	0	0	0	0	0	0	0
2/26/2024 20:04	56501 ROCK_T2	6	10	4	0.2	0.16	-0.04	0	0	0	0	0	0	0
2/26/2024 20:04	46801 HEPB_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
2/26/2024 20:04	51603 DUKE_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
2/26/2024 20:04	66703 STRA_T1	1	1	0	0.3	0.4	0.1	0	0	0	0	0	0	0
2/26/2024 20:04	40602 PIGR_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
2/26/2024 20:04	67002 STHI_T2	186	612	426	0.18	0.21	0.03	0	0	0	0	0	0	0
2/26/2024 20:04	54502 ENOL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
2/26/2024 20:04	53601 DALM_T2	0	1	1	0	0.2	0.2	0	0	0	0	0	0	0
2/26/2024 20:04	67603 WARW_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
2/26/2024 20:04	54204 PENN_T2	4

2/26/2024 20:06	59302 MCAL_T1	1	0	-1	0.1	0	-0.1	0	0	0	0	0	0	0
2/26/2024 20:06	40101 HUNT_T2	50	31	-19	0.48	0.52	0.04	0	0	0	0	0	0	0
2/26/2024 20:06	40502 CRES_T2	15	19	4	0.25	0.31	0.06	0	0	0	0	0	0	0
2/26/2024 20:06	41902 REED_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
2/26/2024 20:07	54506 ENOL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
2/26/2024 20:07	44302 BEAV_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
2/26/2024 20:07	40603 PIGR_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
2/26/2024 20:07	45601 WOOL_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
2/26/2024 20:07	52006 LING_T2	2	3	1	0.4	0.3	-0.1	0	0	0	0	0	0	0
2/26/2024 20:07	66301 MCGO_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
2/26/2024 20:07	50502 MECH_T1	1	1	0	2.4	2.7	0.3	0	0	0	0	0	0	0
2/26/2024 20:07	40903 JESH_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
2/26/2024 20:07	44801 EDAN_T2	2	2	0	1.25	1.7	0.45	0	0	0	0	0	0	0
2/26/2024 20:07	42102 FRAI_T1	1	1	0	0.3	0	-0.3	0	0	0	0	0	0	0
2/26/2024 20:07	46702 RENO_T1	3	1	-2	0.2	0.2	0	0	0	0	0	0	0	0
2/26/2024 20:07	53903 HALI_T2	2	2	0	0.3	1.4	1.1	0	0	0	0	0	0	0
2/26/2024 20:07	40101 HUNT_T2	50	31	-19	0.48	0.52	0.04	0	0	0	0	0	0	0
2/26/2024 20:08	42903 MIDD_T2	2	0	-2	0.4	0	-0.4	0	0	0	0	0	0	0
2/26/2024 20:08	57401 SPAN_T1	1	2	1	0.1	0.3	0.2	0	0	0	0	0	0	0
2/26/2024 20:08	50505 MECH_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
2/26/2024 20:08	54502 ENOL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
2/26/2024 20:08	54505 ENOL_T2	2	2	0	0.5	0.7	0.2	0	0	0	0	0	0	0
2/26/2024 20:08	54503 ENOL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
2/26/2024 20:08	56503 ROCK_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
2/26/2024 20:08	43303 WATS_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
2/26/2024 20:08	57303 MOAL_T2	1	1	0	7.6	7.3	-0.3	0	0	0	0	0	0	0
2/26/2024 20:08	56503 ROCK_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
2/26/2024 20:08	40801 EXCH_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
2/26/2024 20:08	58402 MORO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
2/26/2024 20:08	54204 PENN_T2	2	2	0	0.25	0.35	0.1	0	0	0	0	0	0	0
2/26/2024 20:08	47401 PENS_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
2/26/2024 20:08	58401 MORO_T1	1	0	-1	1.7	0	-1.7	0	0	0	0	0	0	0
2/26/2024 20:08	44302 BEAV_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
2/26/2024 20:09	54504 ENOL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
2/26/2024 20:09	54501 ENOL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
2/26/2024 20:09	44302 BEAV_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
2/26/2024 20:09	56504 ROCK_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
2/26/2024 20:09	41901 REED_T1	10	9	-1	0.3	0.29	-0.01	0	0	0	0	0	0	0
2/26/2024 20:09	57401 SPAN_T1	1	2	1	0.1	0.3	0.2	0	0	0	0	0	0	0
2/26/2024 20:10	59102 WALK_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
2/26/2024 20:10	56802 BENV_T2	1	1	0	0.4	0.5	0.1	0	0	0	0	0	0	0
2/26/2024 20:10	40101 HUNT_T2	50	31	-19	0.48	0.52	0.04	0	0	0	0	0	0	0
2/26/2024 20:12	56802 BENV_T2	1	1	0	0.4	0.5	0.1	0	0	0	0	0	0	0
2/26/2024 20:18	65002 NEFF_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
2/26/2024 20:44	67502 WEWI_T2	7	0	-7	0.1	0	-0.1	0	0	0	0	0	0	0
2/26/2024 20:47	54206 PENN_T2	5	35	30	0.14	0.14	0	0	0	0	0	0	0	0
2/26/2024 20:48	10703 CATA_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
2/26/2024 20:54	65002 NEFF_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
2/26/2024 21:02	43302 WATS_T2	4	4	0	0.7	0.83	0.13	0	0	0	0	0	0	0
2/26/2024 21:22	40901 JESH_T1	5	9	4	0.12	0.12	0	0	0	0	0	0	0	0
2/26/2024 21:42	43202 MVIL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
2/26/2024 21:47	65005 NEFF_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
2/26/2024 21:49	54502 ENOL_T2	1	1	0	0.1	0.4	0.3	0	0	0	0	0	0	0
2/26/2024 21:54	44301 BEAV_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
2/26/2024 22:08	65004 NEFF_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
2/26/2024 22:50	65005 NEFF_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
2/26/2024 23:08	43304 WATS_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
2/27/2024 0:03	65003 NEFF_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
2/27/2024 0:56	65002 NEFF_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
2/27/2024 1:59	65002 NEFF_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
2/27/2024 5:11	65004 NEFF_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
2/27/2024 6:08	65005 NEFF_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
2/27/2024 6:24	59202 THOM_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
2/27/2024 6:40	65004 NEFF_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
2/27/2024 7:51	43402 BENT_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
2/27/2024 7:53	43401 BENT_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
2/27/2024 7:57	17801 GILB_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
2/27/2024 7:57	45502 DERR_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
2/27/2024 8:00	17802 GILB_T1	1	1	0	0.3	0.7	0.4	0	0	0	0	0	0	0
2/27/2024 8:01	46903 MNTG_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
2/27/2024 8:02	46903 MNTG_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
2/27/2024 8:03	46903 MNTG_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
2/27/2024 8:04	46902 MNTG_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
2/27/2024 8:08	59101 WALK_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
2/27/2024 8:14	65005 NEFF_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
2/27/2024 8:16	13503 MCMI_T2	72	352	280	0.31	0.48	0.17	0	0	0	0	0	0	0
2/27/2024 8:17	13503 MCMI_T2	72	352	280	0.31	0.48	0.17	0	0	0	0	0	0	0
2/27/2024 8:18	41901 REED_T1	3	3	0	0.43	0.37	-0.06	0	0	0	0	0	0	0
2/27/2024 8:19	47402 PENS_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
2/27/2024 8:19	59202 THOM_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
2/27/2024 8:21	47401 PENS_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
2/27/2024 8:22	43801 SWIL_T1	5	13	8	1	0.47	-0.53	0	0	0	0	0	0	0
2/27/2024 8:28	43802 SWIL_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
2/27/2024 8:30	43802 SWIL_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
2/27/2024 8:37	13901 SEID_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
2/27/2024 8:43	53602 DALM_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
2/27/2024 8:44	53902 HALI_T2	1	3	2	5.4	5.5	0.1	0	0	0	0	0	0	0
2/27/2024 8:47	65203 PRIN_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
2/27/2024 8:59	64702 LITI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
2/27/2024 9:00	40603 PIGR_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
2/27/2024 9:00	47104 MARL_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
2/27/2024 9:00	62606 ENGL_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
2/27/2024 9:00	64702 LITI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
2/27/2024 9:00	42903 MIDD_T2	0	2	2	0	1.1	1.1	0	0	0	0	0	0	0
2/27/2024 9:00	13905 SEID_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
2/27/2024 9:00	17804 GILB_T2	0	1	1	0	1.1	1.1	0	0	0	0	0	0	0
2/27/2024 9:00	41903 REED_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
2/27/2024 9:00	56603 HAMP_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
2/27/2024 9:00	16101 BING_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
2/27/2024 9:00	13904 SEID_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
2/27/2024 9:00	67001 STHI_T2	283	467	184	0.18	0.26	0.08	0	0	0	0	0	0	0
2/27/2024 9:00	65001 NEFF_T2	0	7	7	0	0.13	0.13	0	0	0	0	0	0	0
2/27/2024 9:00	53901 HALI_T2	1	4	3	0.8	0.45	-0.35	0	0	0	0	0	0	0
2/27/2024 9:00	53502 EVIL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
2/27/2024 9:00	12304 LANA_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
2/27/2024 9:00	67402 WAKE_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
2/27/2024 9:00	54603 SUMM_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
2/27/2024 9:00	24101 EHAZ_T1	23	28	5	1.26	0.78	-0.48	0	0	0	0	0	0	0
2/27/2024 9:00	66303 MCGO_T2	0	1	1	0	0.4	0.4	0	0	0	0	0	0	0
2/27/2024 9:00	43001 ALWD_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
2/27/2024 9:00	40504 CRES_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
2/27/2024 9:00	51603 DUKE_T1	0	2	2	0	0.2	0.2	0	0	0	0	0	0	0
2/27/2024 9:00	58402 MORO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
2/27/2024 9:00	60801 BUCK_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
2/27/2024 9:00	45501 DERR_T2	0	1	1	0	0.1	0.1	0	0	0	0	0	0	0
2/27/2024 9:00	10801 CHHI_T1	0	1	1	0	0.2	0.2	0	0	0	0	0	0	0
2/27/2024 9:00	43801 SWIL_T1	13	16	3	0.49	0.49	0	0	0	0	0	0	0	0
2/27/2024 9:00	29402 BELT_T1	1	2	1	6.8	3.9	-2.9	0	0	0	0	0	0	0
2/27/2024 9:02	43302 WATS_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
2/27/2024 9:02	60803 BUCK_T1	0	1	1	0	0.1	0.1	0	0	0	0	0	0	0
2/27/2024 9:06	59102 WALK_T2	0	4	4	0	0.3	0.3	0	0	0	0	0	0	0
2/27/2024 9:06	65701 RVIL_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
2/27/2024 9:07	27504 WEIS_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
2/27/2024 9:07	43402 BENT_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
2/27/2024 9:07	46003 BERW_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
2/27/2024 9:07	67001 STHI_T2	283	467	184	0.18	0.26	0.08	0	0	0	0	0	0	0
2/27/2024 9:07	47101 MARL_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
2/27/2024 9:07	40501 CRES_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
2/27/2024 9:07	60701 BREC_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
2/27/2024 9:07	59102 WALK_T2	0	4	4	0	0.3	0.3	0	0	0	0	0	0	0
2/27/2024 9:07	47104 MARL_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
2/27/2024 9:07	40101 HUNT_T2	22	16	-6	0.33	0.41	0.08	0	0	0	0	0	0	0
2/27/2024 9:09	58001 WCAR_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
2/27/2024 9:09	27501 WEIS_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
2/27/2024 9:10	43401 BENT_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
2/27/2024 9:10	53601 DALM_T2	1	1	0	1.3	1.3	0	0	0	0	0	0	0	0
2/27/2024 9:11	56803 BENV_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
2/27/2024 9:12	45501 DERR_T2	0	1	1	0	0.1	0.1	0	0	0	0	0	0	0
2/27/2024 9:13	41802 GOCI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
2/27/2024 9:13	13503 MCMI_T2	357	483	126	0.36	0.47	0.11	0	0	0	0	0	0	0
2/27/2024 9:14	13503 MCMI_T2	357	483	126	0.36	0.47	0.11	0	0	0	0	0	0	0
2/27/2024 9:15	41802 GOCI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
2/27/2024 9:15	64703 LITI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
2/27/2024 9:15	13503 MCMI_T2	433	466	33	0.45	0.45	0	0	0	0	0	0	0	0
2/27/2024 9:18	65205 PRIN_T1	1	2	1	0.4	0.4	0	0	0	0	0	0	0	0
2/27/2024 9:20	42202 SHEN_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
2/27/2024 9:21	59101 WALK_T2	0	1	1	0	0.1	0.1	0	0	0	0	0	0	0
2/27/2024 9:23	29402 BELT_T1	1	2	1	7.5	3.9	-3.6	0	0	0	0	0	0	0
2/27/2024 9:23	59101 WALK_T2	0	1	1	0	0.1	0.1	0	0	0	0	0	0	0
2/27/2024 9:24	29401 BELT_T1	0	19	19	0	0.12	0.12	0	0	0	0	0	0	0
2/27/2024 9:24	43303 WATS_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
2/27/2024 9:25	29402 BELT_T1	1	2	1	7.5	3.9	-3.6	0	0	0	0	0	0	0
2/27/2024 9:25	28601 BLYT_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
2/27/2024 9:25	59102 WALK_T2	3	4	1	0.2	0.3	0.1	0	0	0	0	0	0	0
2/27/2024 9:26	29401 BELT_T1	0	19	19	0	0.12	0.12	0	0	0	0	0	0	0
2/27/2024 9:27	29402 BELT_T1	1	2	1	7.5	3.9	-3.6	0	0	0	0	0	0	0
2/27/2024 9:31	42002 MNVL_T2	1	1	0	7.6	7.2	-0.4	0	0	0	0	0	0	0
2/27/2024 9:31	64801 MONE_T2	49	155	106	0.42	0.39	-0.03	0	0	0	0	0	0	0
2/27/2024 9:31	40101 HUNT_T2	9	8	-1	0.41	0.33	-0.08	0	0	0	0	0	0	0
2/27/2024 9:32	55001 NEWP_T1	16	18	2	0.26	0.27	0.01	0	0	0	0	0	0	0
2/27/2024 9:35	47403 PENS_T1	4	4	0	0.2	0.3	0.1	0	0	0	0	0	0	0
2/27/2024 9:36	42204 SHEN_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
2/27/2024 9:39	16102 BING_T2	0	1	1	0	0.4	0.4	0	0	0	0	0	0	0
2/27/2024 9:40	23901 EFMO_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
2/27/2024 9:40	56802 BENV_T2	26	204	178	0.22	0.22	0	0	0	0	0	0	0	0
2/27/2024 9:41	56802 BENV_T2	13	102	89	0.22	0.22	0	0	0	0	0	0	0	0
2/27/2024 9:42	56802 BENV_T2	13	102	89	0.22	0.22	0	0	0	0	0	0	0	0
2/27/2024 9:43	23901 EFMO_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
2/27/2024 9:43	56802 BENV_T2	13	102	89	0.22	0.22	0	0	0	0	0	0	0	0
2/27/2024 9:45	46101 MACI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
2/27/2024 9:45	59002 MIFF_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
2/27/2024 9:47	26401 INOR_T1	1	0	-1	0.1	0	-0.1	0	0	0	0	0	0	0
2/27/2024 9:47	46702 RENO_T1	62	1	-61	0.19	0.2	0.01	0	0	0	0	0	0	0
2/27/2024 9:48	43201 MVIL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
2/27/2024 9:49	56501 ROCK_T2	13	14	1	0.5	0.47	-0.03	0	0	0	0	0	0	0
2/27/2024 9:49	58401 MORO_T1	1	1	0	0.1	0.2	0.1	0	0	0	0	0	0	0
2/27/2024 9:49	47403 PENS_T1	3	3	0	0.3	0.33	0.03	0	0	0	0	0	0	0
2/27/2024 9:50	56504 ROCK_T2	0	1	1	0	0.4	0.4	0	0	0	0	0	0	0
2/27/2024 9:50	47403 PENS_T1	3	3	0	0.3	0.33	0.03	0	0	0	0	0	0	0
2/27/2024 9:51	56503 ROCK_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
2/27/2024 9:51	41901 REED_T1	9	10	1	0.32	0.32	0	0	0	0	0	0	0	0
2/27/2024 9:52	67001 STHI_T2	608	664	56	0.29	0.3	0.01	0	0	0	0	0	0	0
2/27/2024 9:52	29401 BELT_T1	5	14	9	0.1	0.12	0.02	0	0	0	0	0	0	0
2/27/2024 9:54	46005 BERW_T1	0	1	1	0	0.1	0.1	0	0	0	0	0	0	0
2/27/2024 9:55	43001 ALWD_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
2/27/2024 9:55	46005 BERW_T1	0	1	1	0	0.1	0.1	0	0	0	0	0	0	0
2/27/2024 9:56	29402 BELT_T1	1	2	1	7.7	4.15	-3.55	0	0	0	0	0	0	0
2/27/2024 9:57	11805 FRAN_T1	0	3	3	0	0.4	0.4	0	0	0	0	0	0	0
2/27/2024 9:57	10801 CHHI_T1	1	5	4	0.1	0.4	0.3	0	0	0	0	0	0	0
2/27/2024 9:57	60801 BUCK_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
2/27/2024 9:58	57403 SPAN_T1	26	128	102	0.23	0.35	0.12	0	0	0	0	0	0	0
2/27/2024 10:00	57306 MOAL_T2	0	1	1	0	0.1	0.1	0	0	0	0	0	0	0
2/27/2024 10:00	62604 ENGL_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
2/27/2024 10:01	57302 MOAL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
2/27/2024

2/27/2024 10:17	53902 HALI_T2	3	5	2	2.17	1.56	-0.61	0	0	0	0	0	0	0
2/27/2024 10:18	40603 PIGR_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
2/27/2024 10:19	67001 STHI_T2	610	858	248	0.3	0.36	0.06	0	0	0	0	0	0	0
2/27/2024 10:19	13302 ORVI_T2	10	2	-8	0.26	0.55	0.29	0	0	0	0	0	0	0
2/27/2024 10:20	40603 PIGR_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
2/27/2024 10:21	14403 SSLA_T1	3	9	6	0.4	0.36	-0.04	0	0	0	0	0	0	0
2/27/2024 10:21	43303 WATS_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
2/27/2024 10:21	56503 ROCK_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
2/27/2024 10:22	14404 SSLA_T1	7	23	16	0.19	0.2	0.01	0	0	0	0	0	0	0
2/27/2024 10:22	13701 SCHN_T2	8	16	8	0.19	0.28	0.09	0	0	0	0	0	0	0
2/27/2024 10:23	44301 BEAV_T2	5	19	14	0.28	0.4	0.12	0	0	0	0	0	0	0
2/27/2024 10:23	18001 ZION_T1	0	3	3	0	0.33	0.33	0	0	0	0	0	0	0
2/27/2024 10:24	43302 WATS_T2	0	2	2	0	0.15	0.15	0	0	0	0	0	0	0
2/27/2024 10:24	67001 STHI_T2	610	858	248	0.3	0.36	0.06	0	0	0	0	0	0	0
2/27/2024 10:24	67503 WEWI_T2	0	1	1	0	0.2	0.2	0	0	0	0	0	0	0
2/27/2024 10:25	43302 WATS_T2	0	2	2	0	0.15	0.15	0	0	0	0	0	0	0
2/27/2024 10:25	44301 BEAV_T2	5	19	14	0.28	0.4	0.12	0	0	0	0	0	0	0
2/27/2024 10:26	44302 BEAV_T2	1	5	4	0.5	0.18	-0.32	0	0	0	0	0	0	0
2/27/2024 10:26	56803 BENV_T1	4	6	2	0.68	0.7	0.02	0	0	0	0	0	0	0
2/27/2024 10:27	56803 BENV_T1	4	6	2	0.68	0.7	0.02	0	0	0	0	0	0	0
2/27/2024 10:28	57401 SPAN_T1	342	788	446	0.35	0.36	0.01	0	0	0	0	0	0	0
2/27/2024 10:28	57403 SPAN_T1	78	400	322	0.33	0.29	-0.04	0	0	0	0	0	0	0
2/27/2024 10:28	44301 BEAV_T2	5	19	14	0.28	0.4	0.12	0	0	0	0	0	0	0
2/27/2024 10:28	67502 WEWI_T2	6	10	4	0.53	0.5	-0.03	0	0	0	0	0	0	0
2/27/2024 10:29	57403 SPAN_T1	39	200	161	0.33	0.29	-0.04	0	0	0	0	0	0	0
2/27/2024 10:30	57401 SPAN_T1	532	870	338	0.35	0.36	0.01	0	0	0	0	0	0	0
2/27/2024 10:30	57401 SPAN_T1	532	870	338	0.35	0.36	0.01	0	0	0	0	0	0	0
2/27/2024 10:31	57401 SPAN_T1	266	435	169	0.35	0.36	0.01	0	0	0	0	0	0	0
2/27/2024 10:32	25502 MADI_T1	2	2	0	0.4	0.65	0.25	0	0	0	0	0	0	0
2/27/2024 10:32	17002 RIRO_T2	2	6	4	0.75	0.48	-0.27	0	0	0	0	0	0	0
2/27/2024 10:32	57401 SPAN_T1	266	435	169	0.35	0.36	0.01	0	0	0	0	0	0	0
2/27/2024 10:34	67001 STHI_T2	701	850	149	0.31	0.36	0.05	0	0	0	0	0	0	0
2/27/2024 10:35	15203 SFAR_T2	35	44	9	0.22	0.24	0.02	0	0	0	0	0	0	0
2/27/2024 10:36	67001 STHI_T2	701	850	149	0.31	0.36	0.05	0	0	0	0	0	0	0
2/27/2024 10:36	40603 PIGR_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
2/27/2024 10:36	43802 SWIL_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
2/27/2024 10:37	42502 ALTA_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
2/27/2024 10:37	43302 WATS_T2	0	2	2	0	0.15	0.15	0	0	0	0	0	0	0
2/27/2024 10:37	15001 BLMO_T1	2	4	2	0.1	0.15	0.05	0	0	0	0	0	0	0
2/27/2024 10:38	56503 ROCK_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
2/27/2024 10:38	43301 WATS_T2	4	7	3	0.25	0.27	0.02	0	0	0	0	0	0	0
2/27/2024 10:38	46203 DANV_T2	2	13	11	0.25	0.39	0.14	0	0	0	0	0	0	0
2/27/2024 10:39	15001 BLMO_T1	2	4	2	0.1	0.15	0.05	0	0	0	0	0	0	0
2/27/2024 10:39	42501 ALTA_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
2/27/2024 10:39	43802 SWIL_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
2/27/2024 10:39	51603 DUKE_T1	3	3	0	0.7	0.8	0.1	0	0	0	0	0	0	0
2/27/2024 10:40	43303 WATS_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
2/27/2024 10:40	60801 BUCK_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
2/27/2024 10:40	24902 WHHA_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
2/27/2024 10:41	28604 BLYT_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
2/27/2024 10:41	23901 EFMO_T2	0	1	1	0	0.1	0.1	0	0	0	0	0	0	0
2/27/2024 10:42	51601 DUKE_T1	1	2	1	0.1	0.15	0.05	0	0	0	0	0	0	0
2/27/2024 10:43	46206 DANV_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
2/27/2024 10:43	46801 HEPB_T2	3	3	0	0.73	0.87	0.14	0	0	0	0	0	0	0
2/27/2024 10:43	23902 EFMO_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
2/27/2024 10:43	12701 MACU_T1	1	1	0	0.1	0	-0.1	0	0	0	0	0	0	0
2/27/2024 10:44	56601 HAMP_T1	4	4	0	0.33	0.5	0.17	0	0	0	0	0	0	0
2/27/2024 10:44	51603 DUKE_T1	3	3	0	0.7	0.8	0.1	0	0	0	0	0	0	0
2/27/2024 10:45	50102 HARR_T3	15	15	0	0.24	0.23	-0.01	0	0	0	0	0	0	0
2/27/2024 10:45	12704 MACU_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
2/27/2024 10:45	47101 MARL_T1	1	1	0	0.6	0.8	0.2	0	0	0	0	0	0	0
2/27/2024 10:45	57401 SPAN_T1	387	461	74	0.36	0.36	0	0	0	0	0	0	0	0
2/27/2024 10:46	65001 NEFF_T2	9	8	-1	0.18	0.15	-0.03	0	0	0	0	0	0	0
2/27/2024 10:46	42002 MNVL_T2	1	1	0	7.2	7.1	-0.1	0	0	0	0	0	0	0
2/27/2024 10:46	65004 NEFF_T2	2	3	1	0.65	0.53	-0.12	0	0	0	0	0	0	0
2/27/2024 10:47	47104 MARL_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
2/27/2024 10:47	43202 MVIL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
2/27/2024 10:47	12704 MACU_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
2/27/2024 10:47	64802 MONE_T2	49	54	5	0.32	0.39	0.07	0	0	0	0	0	0	0
2/27/2024 10:48	47401 PENS_T1	16	9	-7	0.32	0.51	0.19	0	0	0	0	0	0	0
2/27/2024 10:49	43202 MVIL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
2/27/2024 10:49	54204 PENN_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
2/27/2024 10:50	66701 STRA_T1	2	2	0	1.2	1.3	0.1	0	0	0	0	0	0	0
2/27/2024 10:50	67002 STHI_T2	459	383	-76	0.31	0.27	-0.04	0	0	0	0	0	0	0
2/27/2024 10:51	65001 NEFF_T2	9	8	-1	0.18	0.15	-0.03	0	0	0	0	0	0	0
2/27/2024 10:51	27503 WEIS_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
2/27/2024 10:51	54204 PENN_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
2/27/2024 10:52	67002 STHI_T2	459	383	-76	0.31	0.27	-0.04	0	0	0	0	0	0	0
2/27/2024 10:52	46002 BERW_T2	1	1	0	0.6	0.7	0.1	0	0	0	0	0	0	0
2/27/2024 10:52	45402 WILO_T2	24	24	0	0.23	0.25	0.02	0	0	0	0	0	0	0
2/27/2024 10:53	60201 ATGL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
2/27/2024 10:53	67401 WAKE_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
2/27/2024 10:54	16302 ALPA_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
2/27/2024 10:55	45402 WILO_T2	24	24	0	0.23	0.25	0.02	0	0	0	0	0	0	0
2/27/2024 10:55	16302 ALPA_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
2/27/2024 10:56	43001 ALWD_T1	3	3	0	0.27	0.4	0.13	0	0	0	0	0	0	0
2/27/2024 10:58	57403 SPAN_T1	392	364	-28	0.29	0.44	0.15	0	0	0	0	0	0	0
2/27/2024 10:59	23901 EFMO_T2	1	2	1	0.1	0.1	0	0	0	0	0	0	0	0
2/27/2024 10:59	41801 GOCI_T2	40	177	137	0.3	0.3	0	0	0	0	0	0	0	0
2/27/2024 11:00	52002 LING_T2	1	1	0	0.9	1	0.1	0	0	0	0	0	0	0
2/27/2024 11:00	47802 MOCA_T2	2	2	0	0.55	0.45	-0.1	0	0	0	0	0	0	0
2/27/2024 11:01	28704 HAML_T2	195	194	-1	1.34	1.37	0.03	0	0	0	0	0	0	0
2/27/2024 11:01	57401 SPAN_T1	388	437	49	0.34	0.38	0.04	0	0	0	0	0	0	0
2/27/2024 11:01	40903 JESH_T1	2	2	0	0.15	0.2	0.05	0	0	0	0	0	0	0
2/27/2024 11:02	57401 SPAN_T1	388	437	49	0.34	0.38	0.04	0	0	0	0	0	0	0
2/27/2024 11:03	52004 LING_T2	6	5	-1	0.63	0.6	-0.03	0	0	0	0	0	0	0
2/27/2024 11:03	44601 SALE_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
2/27/2024 11:04	40901 JESH_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
2/27/2024 11:04	56504 ROCK_T2	0	1	1	0	0.2	0.2	0	0	0	0	0	0	0
2/27/2024 11:06	65207 PRIN_T4	0	10	10	0	0.11	0.11	0	0	0	0	0	0	0
2/27/2024 11:06	44601 SALE_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
2/27/2024 11:10	55105 WERT_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
2/27/2024 11:11	41602 CLEV_T1	1	1	0	0.1	0.1	0	0	0	0	0	0	0	0
2/27/2024 11:12	54501 ENOL_T2	0	2	2	0	0.1	0.1	0	0	0	0	0	0	0
2/27/2024 11:12	65002 NEFF_T2	0	2	2	0	0.25	0.25	0	0	0	0	0	0	0
2/27/2024 11:12	64203 KINZ_T1	0	1	1	0	0.6	0.6	0	0	0	0	0	0	0
2/27/2024 11:13	28803 LAKE_T1	0	4	4	0	0.5	0.5	0	0	0	0	0	0	0
2/27/2024 11:14	28805 LAKE_T1	4	25	21	0.1	0.57	0.47	0	0	0	0	0	0	0
2/27/2024 11:14	52004 LING_T2	6	5	-1	0.63	0.6	-0.03	0	0	0	0	0	0	0
2/27/2024 11:17	65001 NEFF_T2	4	17	13	0.15	0.17	0.02	0	0	0	0	0	0	0
2/27/2024 11:17	64801 MONE_T2	177	184	7	0.38	0.32	-0.06	0	0	0	0	0	0	0
2/27/2024 11:18	64801 MONE_T2	177	184	7	0.38	0.32	-0.06	0	0	0	0	0	0	0
2/27/2024 11:19	66503 SMAN_T2	1	0	-1	0.1	0	-0.1	0	0	0	0	0	0	0
2/27/2024 11:19	54206 PENN_T2	10	8	-2	0.31	0.24	-0.07	0	0	0	0	0	0	0
2/27/2024 11:22	43801 SWIL_T1	34	40	6	0.35	0.32	-0.03	0	0	0	0	0	0	0
2/27/2024 11:23	60701 BREC_T1	0	2	2	0	0.15	0.15	0	0	0	0	0	0	0
2/27/2024 11:24	65204 PRIN_T4	0	0	0	0	0	0	0	0	0	0	0	0	0
2/27/2024 11:24	67603 WARW_T1	1	1	0	0.3	0.3	0	0	0	0	0	0	0	0
2/27/2024 11:26	24101 EHAZ_T1	28	14	-14	0.69	0.43	-0.26	0	0	0	0	0	0	0
2/27/2024 11:26	60701 BREC_T1	0	2	2	0	0.15	0.15	0	0	0	0	0	0	0
2/27/2024 11:27	61304 EARL_T1	0	1	1	0	0.2	0.2	0	0	0	0	0	0	0
2/27/2024 11:27	40101 HUNT_T2	0	1	1	0	0	0	0	0	0	0	0	0	0
2/27/2024 11:28	61505 EPET_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
2/27/2024 11:30	52202 DEVO_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
2/27/2024 11:31	24101 EHAZ_T1	14	32	18	0.79	0.43	-0.36	0	0	0	0	0	0	0
2/27/2024 11:31	57401 SPAN_T1	351	499	148	0.35	0.41	0.06	0	0	0	0	0	0	0
2/27/2024 11:32	64802 MONE_T2	43	66	23	0.26	0.19	-0.07	0	0	0	0	0	0	0
2/27/2024 11:32	16101 BING_T2	1	2	1	0.2	0.6	0.4	0	0	0	0	0	0	0
2/27/2024 11:33	64801 MONE_T2	159	187	28	0.31	0.3	-0.01	0	0	0	0	0	0	0
2/27/2024 11:33	42002 MNVL_T2	1	1	0	7.7	7.8	0.1	0	0	0	0	0	0	0
2/27/2024 11:33	65002 NEFF_T2	2	1	-1	0.25	0.1	-0.15	0	0	0	0	0	0	0
2/27/2024 11:34	42901 MIDD_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
2/27/2024 11:34	26002 WDAM_T1	4	5	1	0.45	0.68	0.23	0	0	0	0	0	0	0
2/27/2024 11:35	41903 REED_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
2/27/2024 11:35	56503 ROCK_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
2/27/2024 11:35	56504 ROCK_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
2/27/2024 11:35	65701 RVIL_T1	1	0	-1	0.2	0	-0.2	0	0	0	0	0	0	0
2/27/2024 11:36	41901 REED_T1	11	12	1	0.26	0.68	0.42	0	0	0	0	0	0	0
2/27/2024 11:36	56503 ROCK_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
2/27/2024 11:37	42002 MNVL_T2	1	1	0	7.7	7.8	0.1	0	0	0	0	0	0	0
2/27/2024 11:37	43802 SWIL_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
2/27/2024 11:37	41903 REED_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
2/27/2024 11:38	43001 ALWD_T1	3	6	3	0.2	0.25	0.05	0	0	0	0	0	0	0
2/27/2024 11:39	67603 WARW_T1	1	0	-1	0.3	0	-0.3	0	0	0	0	0	0	0
2/27/2024 11:39	14801 TREI_T2	19	92	73	0.22	0.31	0.09	0	0	0	0	0	0	0
2/27/2024 11:40	65206 PRIN_T4	33	17	-16	0.17	0.18	0.01	0	0	0	0	0	0	0
2/27/2024 11:40	67605 WARW_T1	19	28	9	0.41	0.61	0.2	0	0	0	0	0	0	0
2/27/2024 11:40	43802 SWIL_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
2/27/2024 11:40	43001 ALWD_T1	3	6	3	0.2	0.25	0.05	0	0	0	0	0	0	0
2/27/2024 11:42	24103 EHAZ_T1	0	4	4	0	0.87	0.87	0	0	0	0	0	0	0
2/27/2024 11:42	53902 HALI_T2	1	1	0	5.7	5.8	0.1	0	0	0	0	0	0	0
2/27/2024 11:43	53903 HALI_T2	5	3	-2	0.7	1.1	0.4	0	0	0	0	0	0	0
2/27/2024 11:44	53901 HALI_T2	1	1	0	0.9	0.9	0	0	0	0	0	0	0	0
2/27/2024 11:45	42902 MIDD_T2	14	17	3	0.21	0.25	0.04	0	0	0	0	0	0	0
2/27/2024 11:45	53902 HALI_T2	1	1	0	5.8	5.8	0	0	0	0	0	0	0	0
2/27/2024 11:46	56603 HAMP_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
2/27/2024 11:46	46801 HEPB_T2	2	2	0	0.85	0.5	-0.35	0	0	0	0	0	0	0
2/27/2024 11:46	56601 HAMP_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
2/27/2024 11:46	42902 MIDD_T2	14	17	3	0.21	0.25	0.04	0	0	0	0	0	0	0
2/27/2024 11:46	53901 HALI_T2	1	1	0	0.9	1	0.1	0	0	0	0	0	0	0
2/27/2024 11:46	64801 MONE_T2	159	182	23	0.32	0.3	-0.02	0	0	0	0	0	0	0
2/27/2024 11:47	64801 MONE_T2	159	182	23	0.32	0.3	-0.02	0	0	0	0	0	0	0
2/27/2024 11:47	24102 EHAZ_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
2/27/2024 11:47	58401 MORO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
2/27/2024 11:47	53903 HALI_T2	3	2	-1	1.1	1.45	0.35	0	0	0	0	0	0	0
2/27/2024 11:48	15204 SFAR_T2	4	5	1	0.53	0.52	-0.01	0	0	0	0	0	0	0
2/27/2024 11:50	40603 PIGR_T1	0	1	1	0	0	0	0	0	0	0	0	0	0
2/27/2024 11:50	56503 ROCK_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
2/27/2024 11:50	47402 PENS_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
2/27/2024 11:50	58401 MORO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
2/27/2024 11:50	56503 ROCK_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
2/27/2024 11:51	67603 WARW_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
2/27/2024 11:51	47403 PENS_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
2/27/2024 11:51	65703 RVIL_T1	1	0	-1	0.1	0	-0.1	0	0	0	0	0	0	0
2/27/2024 11:51	56503 ROCK_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
2/27/2024 11:52	56504 ROCK_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
2/27/2024 11:53	29401 BELT_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
2/27/2024 11:54	65004 NEFF_T2	3	2	-1	0.5	0.15	-0.35	0	0	0	0	0	0	0
2/27/2024 11:54	29401 BELT_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
2/27/2024 11:54	43001 ALWD_T1	3	8	5	0.4	0.2	-0.2	0	0	0	0	0	0	0
2/27/2024 11:55	67603 WARW_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
2/27/2024 11:56	43001 ALWD_T1	3	8	5	0.4	0.2	-0.2	0	0	0	0	0	0	0
2/27/2024 11:56	29401 BELT_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
2/27/2024 11:56	45501 DERR_T2	2	2	0	0.4	0.25	-0.15	0	0	0	0	0	0	0
2/27/2024 11:57	56601 HAMP_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
2/27/2024 11:57	45501 DERR_T2	2	2	0	0.4	0.25	-0.15	0	0	0	0	0	0	0
2/27/2024 11:57	29402 BELT_T1	3	4	1	2.7	2.25	-0.45	0	0	0	0	0	0	0
2/27/2024 11:57	29402 BELT_T1	3	4	1	2.7	2.25	-0.45	0	0	0	0	0	0	0
2/27/2024 11:58	24502 GOUL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
2/27/2024 11:58	53903 HALI_T2	3	2	-1	1.1	1.45	0.35	0	0	0	0	0	0	0
2/27/2024 12:01	64802 MONE_T2	56	66	10	0.18	0.18	0	0	0	0	0

2/27/2024 12:33	17002 RIRO_T2	9	3	-6	0.31	0.43	0.12	0	0	0	0	0	0	0
2/27/2024 12:34	50506 MECH_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
2/27/2024 12:36	43802 SWIL_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
2/27/2024 12:42	45501 DERR_T2	1	0	-1	0.2	0	-0.2	0	0	0	0	0	0	0
2/27/2024 12:43	45501 DERR_T2	1	0	-1	0.2	0	-0.2	0	0	0	0	0	0	0
2/27/2024 12:44	53902 HALI_T2	1	1	0	5.7	5.6	-0.1	0	0	0	0	0	0	0
2/27/2024 12:50	15204 SFAR_T2	1	0	-1	0.1	0	-0.1	0	0	0	0	0	0	0
2/27/2024 13:00	56603 HAMP_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
2/27/2024 13:02	40101 HUNT_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
2/27/2024 13:07	15701 TANN_T1	2	1	-1	2.55	4.3	1.75	0	0	0	0	0	0	0
2/27/2024 13:14	59301 MCAL_T1	2	2	0	0.6	0.9	0.3	0	0	0	0	0	0	0
2/27/2024 13:27	17803 GILB_T2	0	1	1	0	0.3	0.3	0	0	0	0	0	0	0
2/27/2024 13:30	50107 HARR_T3	0	0	0	0	0	0	0	0	0	0	0	0	0
2/27/2024 13:31	50202 HARR_T3	0	0	0	0	0	0	0	0	0	0	0	0	0
2/27/2024 13:40	54501 ENOL_T2	0	2	2	0	0.1	0.1	0	0	0	0	0	0	0
2/27/2024 13:40	54501 ENOL_T2	0	2	2	0	0.1	0.1	0	0	0	0	0	0	0
2/27/2024 13:41	54506 ENOL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
2/27/2024 13:42	54506 ENOL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
2/27/2024 13:42	54506 ENOL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
2/27/2024 13:44	54503 ENOL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
2/27/2024 13:44	54506 ENOL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
2/27/2024 13:45	65003 NEFF_T2	4	4	0	0.1	0.18	0.08	0	0	0	0	0	0	0
2/27/2024 13:57	11102 EGYP_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
2/27/2024 14:05	65003 NEFF_T2	2	5	3	0.1	0.22	0.12	0	0	0	0	0	0	0
2/27/2024 14:07	43001 ALWD_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
2/27/2024 14:08	53101 WTWN_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
2/27/2024 14:08	16302 ALPA_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
2/27/2024 14:08	14801 TREI_T2	53	78	25	0.17	0.23	0.06	0	0	0	0	0	0	0
2/27/2024 14:09	14802 TREI_T2	20	24	4	0.27	0.25	-0.02	0	0	0	0	0	0	0
2/27/2024 14:09	51603 DUKE_T1	2	2	0	0.6	0.8	0.2	0	0	0	0	0	0	0
2/27/2024 14:10	16302 ALPA_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
2/27/2024 14:10	53102 WTWN_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
2/27/2024 14:11	40501 CRES_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
2/27/2024 14:11	23901 EFMO_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
2/27/2024 14:12	51601 DUKE_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
2/27/2024 14:12	53901 HALI_T2	1	1	0	0.6	0.8	0.2	0	0	0	0	0	0	0
2/27/2024 14:12	45501 DERR_T2	0	1	1	0	0.4	0.4	0	0	0	0	0	0	0
2/27/2024 14:12	40501 CRES_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
2/27/2024 14:13	53903 HALI_T2	2	2	0	1.3	1.4	0.1	0	0	0	0	0	0	0
2/27/2024 14:13	23901 EFMO_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
2/27/2024 14:13	51603 DUKE_T1	2	2	0	0.6	0.8	0.2	0	0	0	0	0	0	0
2/27/2024 14:13	40501 CRES_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
2/27/2024 14:14	40501 CRES_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
2/27/2024 14:14	51601 DUKE_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
2/27/2024 14:15	11805 FRAN_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
2/27/2024 14:17	40903 JESH_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
2/27/2024 14:18	13704 SCHN_T2	1	4	3	0.1	0.13	0.03	0	0	0	0	0	0	0
2/27/2024 14:18	17002 RIRO_T2	2	2	0	0.3	0.15	-0.15	0	0	0	0	0	0	0
2/27/2024 14:19	56504 ROCK_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
2/27/2024 14:19	15204 SFAR_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
2/27/2024 14:20	56501 ROCK_T2	1	1	0	0.2	0.2	0	0	0	0	0	0	0	0
2/27/2024 14:20	64801 MONE_T2	90	106	16	0.24	0.26	0.02	0	0	0	0	0	0	0
2/27/2024 14:21	26001 WOAM_T1	1	0	-1	0.2	0	-0.2	0	0	0	0	0	0	0
2/27/2024 14:22	65002 NEFF_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
2/27/2024 14:23	13704 SCHN_T2	1	4	3	0.1	0.13	0.03	0	0	0	0	0	0	0
2/27/2024 14:23	56503 ROCK_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
2/27/2024 14:23	43001 ALWD_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
2/27/2024 14:24	16302 ALPA_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
2/27/2024 14:25	29401 BELT_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
2/27/2024 14:25	62607 ENGL_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
2/27/2024 14:25	16302 ALPA_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
2/27/2024 14:25	53601 DALM_T2	1	1	0	1.3	1.1	-0.2	0	0	0	0	0	0	0
2/27/2024 14:26	62606 ENGL_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
2/27/2024 14:26	29401 BELT_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
2/27/2024 14:26	43001 ALWD_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
2/27/2024 14:27	23902 EFMO_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
2/27/2024 14:27	61505 EPET_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
2/27/2024 14:27	45502 DERR_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
2/27/2024 14:28	45502 DERR_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
2/27/2024 14:29	62602 ENGL_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
2/27/2024 14:29	23901 EFMO_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
2/27/2024 14:29	46803 HEPB_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
2/27/2024 14:30	64801 MONE_T2	77	97	20	0.26	0.28	0.02	0	0	0	0	0	0	0
2/27/2024 14:31	13302 ORVI_T2	1	0	-1	0.2	0	-0.2	0	0	0	0	0	0	0
2/27/2024 14:32	13302 ORVI_T2	1	0	-1	0.2	0	-0.2	0	0	0	0	0	0	0
2/27/2024 14:32	11805 FRAN_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
2/27/2024 14:33	56503 ROCK_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
2/27/2024 14:33	13302 ORVI_T2	2	0	-2	0.2	0	-0.2	0	0	0	0	0	0	0
2/27/2024 14:33	42901 MIDD_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
2/27/2024 14:34	64801 MONE_T2	77	97	20	0.26	0.28	0.02	0	0	0	0	0	0	0
2/27/2024 14:34	56504 ROCK_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
2/27/2024 14:34	16302 ALPA_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
2/27/2024 14:35	13302 ORVI_T2	1	0	-1	0.2	0	-0.2	0	0	0	0	0	0	0
2/27/2024 14:35	56501 ROCK_T2	1	2	1	0.3	0	-0.3	0	0	0	0	0	0	0
2/27/2024 14:36	43301 WATS_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
2/27/2024 14:36	15203 SFAR_T2	2	0	-2	0.15	0	-0.15	0	0	0	0	0	0	0
2/27/2024 14:37	56503 ROCK_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
2/27/2024 14:37	43304 WATS_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
2/27/2024 14:37	65003 NEFF_T2	5	5	0	0.22	0.24	0.02	0	0	0	0	0	0	0
2/27/2024 14:38	43001 ALWD_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
2/27/2024 14:38	67002 STHI_T2	448	532	84	0.29	0.3	0.01	0	0	0	0	0	0	0
2/27/2024 14:39	53602 DALM_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
2/27/2024 14:39	43302 WATS_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
2/27/2024 14:39	46005 BERW_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
2/27/2024 14:39	29402 BELT_T1	1	1	0	7.7	7.5	-0.2	0	0	0	0	0	0	0
2/27/2024 14:40	43302 WATS_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
2/27/2024 14:40	46001 BERW_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
2/27/2024 14:40	29402 BELT_T1	1	1	0	7.7	7.5	-0.2	0	0	0	0	0	0	0
2/27/2024 14:41	29402 BELT_T1	1	1	0	7.7	7.5	-0.2	0	0	0	0	0	0	0
2/27/2024 14:41	43001 ALWD_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
2/27/2024 14:42	45501 DERR_T2	1	1	0	0.4	0	-0.4	0	0	0	0	0	0	0
2/27/2024 14:43	23901 EFMO_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
2/27/2024 14:44	11104 EGYP_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
2/27/2024 14:44	23901 EFMO_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
2/27/2024 14:44	46803 HEPB_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
2/27/2024 14:46	42902 MIDD_T2	9	0	-9	0.14	0	-0.14	0	0	0	0	0	0	0
2/27/2024 14:46	64802 MONE_T2	42	5	-37	0.17	0.1	-0.07	0	0	0	0	0	0	0
2/27/2024 14:47	55002 NEWP_T1	5	5	0	0.4	0.5	0.1	0	0	0	0	0	0	0
2/27/2024 14:48	47403 PENS_T1	0	1	1	0	2.4	2.4	0	0	0	0	0	0	0
2/27/2024 14:48	59402 RFLD_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
2/27/2024 14:48	65005 NEFF_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
2/27/2024 14:49	42901 MIDD_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
2/27/2024 14:49	55001 NEWP_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
2/27/2024 14:49	47401 PENS_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
2/27/2024 14:50	47403 PENS_T1	0	1	1	0	2.4	2.4	0	0	0	0	0	0	0
2/27/2024 14:51	44302 BEAV_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
2/27/2024 14:51	16302 ALPA_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
2/27/2024 14:52	16302 ALPA_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
2/27/2024 14:52	43302 WATS_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
2/27/2024 14:54	67605 WARW_T1	16	17	1	0.71	0.67	-0.04	0	0	0	0	0	0	0
2/27/2024 14:54	43301 WATS_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
2/27/2024 14:55	24104 EHAZ_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
2/27/2024 14:55	43301 WATS_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
2/27/2024 14:55	16302 ALPA_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
2/27/2024 14:55	53602 DALM_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
2/27/2024 14:56	17804 GILB_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
2/27/2024 14:58	23901 EFMO_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
2/27/2024 15:00	24105 EHAZ_T1	4	4	0	5.23	5.23	0	0	0	0	0	0	0	0
2/27/2024 15:02	58402 MORO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
2/27/2024 15:04	58401 MORO_T1	1	0	-1	4	0	-4	0	0	0	0	0	0	0
2/27/2024 15:06	17002 RIRO_T2	1	1	0	0.1	0.2	0.1	0	0	0	0	0	0	0
2/27/2024 15:06	67203 TEHI_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
2/27/2024 15:07	29401 BELT_T1	0	10	10	0	0.1	0.1	0	0	0	0	0	0	0
2/27/2024 15:08	67002 STHI_T2	500	498	-2	0.29	0.27	-0.02	0	0	0	0	0	0	0
2/27/2024 15:09	29402 BELT_T1	1	1	0	7.5	8.1	0.6	0	0	0	0	0	0	0
2/27/2024 15:09	67001 STHI_T2	913	903	-10	0.35	0.35	0	0	0	0	0	0	0	0
2/27/2024 15:10	45501 DERR_T2	1	1	0	0.3	0	-0.3	0	0	0	0	0	0	0
2/27/2024 15:10	29401 BELT_T1	0	10	10	0	0.1	0.1	0	0	0	0	0	0	0
2/27/2024 15:11	29401 BELT_T1	0	10	10	0	0.1	0.1	0	0	0	0	0	0	0
2/27/2024 15:11	23902 EFMO_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
2/27/2024 15:11	17804 GILB_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
2/27/2024 15:12	45502 DERR_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
2/27/2024 15:12	29402 BELT_T1	1	1	0	7.5	8.1	0.6	0	0	0	0	0	0	0
2/27/2024 15:13	17803 GILB_T2	0	3	3	0	0.17	0.17	0	0	0	0	0	0	0
2/27/2024 15:17	11804 FRAN_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
2/27/2024 15:17	40901 JESH_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
2/27/2024 15:20	65004 NEFF_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
2/27/2024 15:26	24103 EHAZ_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
2/27/2024 15:28	54503 ENOL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
2/27/2024 15:28	62607 ENGL_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
2/27/2024 15:28	53903 HALI_T2	2	2	0	1.4	1.4	0	0	0	0	0	0	0	0
2/27/2024 15:28	40101 HUNT_T2	0	1	1	0	0	0	0	0	0	0	0	0	0
2/27/2024 15:29	62605 ENGL_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
2/27/2024 15:29	53901 HALI_T2	1	1	0	0.5	0.6	0.1	0	0	0	0	0	0	0
2/27/2024 15:29	40101 HUNT_T2	0	1	1	0	0	0	0	0	0	0	0	0	0
2/27/2024 15:30	54503 ENOL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
2/27/2024 15:30	62602 ENGL_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
2/27/2024 15:30	40101 HUNT_T2	0	1	1	0	0.7	0.7	0	0	0	0	0	0	0
2/27/2024 15:32	24102 EHAZ_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
2/27/2024 15:33	42002 MNVL_T2	1	1	0	6.2	5.7	-0.5	0	0	0	0	0	0	0
2/27/2024 15:34	41901 REED_T1	11	11	0	0.25	0.41	0.16	0	0	0	0	0	0	0
2/27/2024 15:36	41902 REED_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
2/27/2024 15:38	62606 ENGL_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
2/27/2024 15:41	40502 CRES_T2	11	4	-7	0.18	0.2	0.02	0	0	0	0	0	0	0
2/27/2024 15:43	40501 CRES_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
2/27/2024 15:55	46206 DANV_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
2/27/2024 15:58	23902 EFMO_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
2/27/2024 15:59	46204 DANV_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
2/27/2024 16:02	65003 NEFF_T2	0	3	3	0	0.13	0.13	0	0	0	0	0	0	0
2/27/2024 16:13	20602 GRWO_T2	0	51	51	0	0.19	0.19	0	0	0	0	0	0	0
2/27/2024 16:16	20603 GRWO_T2	60	54	-6	0.23	0.21	-0.02	0	0	0	0	0	0	0
2/27/2024 16:20	60504 NMAN_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
2/27/2024 16:39	65003 NEFF_T2	2	4	2	0.15	0.18	0.03	0	0	0	0	0	0	0
2/27/2024 16:42	60801 MUCK_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
2/27/2024 16:55	65002 NEFF_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
2/27/2024 17:10	43001 ALWD_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
2/27/2024 17:17	64703 LITI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
2/27/2024 17:22	65202 PRIN_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
2/27/2024 17:37	65001 NEFF_T2	3	4	1	0.1	0.1	0	0	0	0	0	0	0	0
2/27/2024 18:00	29402 BELT_T1	1	1	0	6.6	7	0.4	0	0	0	0	0	0	0
2/27/2024 18:03	65003 NEFF_T2	0	6	6	0	0.13	0.13	0	0	0	0	0	0	0
2/27/2024 18:19	62606 ENGL_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
2/27/2024 18:24	65004 NEFF_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
2/27/2024 18:56	11104 EGYP_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
2/27/2024 18:58	28704 HAML_T2	181	170	-11	1.04	1.02	-0.02	0	0	0	0	0	0	0
2/27/2024 19:01	15001 BLMO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
2/27/2024 19:01	64703 LITI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
2/27/2024 19:02	66503 SMAN_T2	31	26	-5	0.13	0.13	0	0	0	0	0	0	0	0
2/27/2024 19:02	27504 WEIS_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
2/27/2024 19:02	17002 RIRO_T2	4	18	14	0.1	0.15	0.05	0	0	0	0	0	0	0
2/27/2024 19:04	65002 NEFF_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
2/27/2024 19:04	10801 CHHI_T1	0	1	1	0	0	0	0	0	0	0	0	0	0
2/27/2024 19:04	27501 WEIS_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
2/27/2024 19:04	28805 LAKE_T1	18	18	0	0.39	0.37	-0.02	0	0	0	0	0	0	0
2/27/2024 19:05	51603 DUKE_T1	0	0	0	0	0	0	0	0	0

2/27/2024 19:20	67502 WEWI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/27/2024 19:20	61306 EARL_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/27/2024 19:20	40602 PIGR_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/27/2024 19:21	57403 SPAN_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/27/2024 19:21	29402 BELT_T1	1	1	0	6.8	7	0.2	0	0	0	0	0	0	0	0
2/27/2024 19:21	12704 MACU_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/27/2024 19:21	52006 LING_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/27/2024 19:21	43402 BENT_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/27/2024 19:22	64802 MONE_T2	38	67	29	0.13	0.17	0.04	0	0	0	0	0	0	0	0
2/27/2024 19:22	15001 BLMO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/27/2024 19:23	40602 PIGR_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/27/2024 19:23	29401 BELT_T1	0	2	2	0	0.1	0.1	0	0	0	0	0	0	0	0
2/27/2024 19:23	67203 TEHI_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/27/2024 19:23	43201 MVIL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/27/2024 19:23	29401 BELT_T1	0	2	2	0	0.1	0.1	0	0	0	0	0	0	0	0
2/27/2024 19:24	29402 BELT_T1	1	1	0	6.8	7	0.2	0	0	0	0	0	0	0	0
2/27/2024 19:24	29402 BELT_T1	1	1	0	6.8	7	0.2	0	0	0	0	0	0	0	0
2/27/2024 19:24	14801 TREI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/27/2024 19:25	62604 ENGL_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/27/2024 19:25	43401 BENT_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/27/2024 19:25	60701 BREC_T1	4	70	66	0.1	0.13	0.03	0	0	0	0	0	0	0	0
2/27/2024 19:25	16302 ALPA_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/27/2024 19:26	62602 ENGL_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/27/2024 19:26	20402 ASHF_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/27/2024 19:26	29402 BELT_T1	1	1	0	6.8	7	0.2	0	0	0	0	0	0	0	0
2/27/2024 19:27	29401 BELT_T1	0	2	2	0	0.1	0.1	0	0	0	0	0	0	0	0
2/27/2024 19:27	26002 WDAM_T1	15	12	-3	0.15	0.18	0.03	0	0	0	0	0	0	0	0
2/27/2024 19:27	57401 SPAN_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/27/2024 19:28	67402 WAKE_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/27/2024 19:28	40502 CRES_T2	12	10	-2	0.32	0.38	0.06	0	0	0	0	0	0	0	0
2/27/2024 19:28	67001 STHI_T2	419	521	102	0.23	0.29	0.06	0	0	0	0	0	0	0	0
2/27/2024 19:28	62601 ENGL_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/27/2024 19:28	12701 MACU_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/27/2024 19:28	14801 TREI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/27/2024 19:28	23901 EFMO_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/27/2024 19:28	15001 BLMO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/27/2024 19:29	60504 NMAN_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/27/2024 19:29	15203 SFAR_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/27/2024 19:29	11802 FRAN_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/27/2024 19:29	52006 LING_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/27/2024 19:29	13503 MCMI_T2	81	310	229	0.32	0.36	0.04	0	0	0	0	0	0	0	0
2/27/2024 19:30	40601 PIGR_T1	0	6	6	0	0.1	0.1	0	0	0	0	0	0	0	0
2/27/2024 19:30	14802 TREI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/27/2024 19:30	40501 CRES_T2	1	8	7	0.1	0.14	0.04	0	0	0	0	0	0	0	0
2/27/2024 19:30	16102 BING_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/27/2024 19:30	16302 ALPA_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/27/2024 19:31	23902 EFMO_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/27/2024 19:31	64802 MONE_T2	47	80	33	0.17	0.22	0.05	0	0	0	0	0	0	0	0
2/27/2024 19:31	16102 BING_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/27/2024 19:31	13302 ORVI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/27/2024 19:31	40501 CRES_T2	1	8	7	0.1	0.14	0.04	0	0	0	0	0	0	0	0
2/27/2024 19:31	16302 ALPA_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/27/2024 19:32	59402 RFLD_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/27/2024 19:32	50107 HARR_T3	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/27/2024 19:32	67002 STHI_T2	116	253	137	0.18	0.2	0.02	0	0	0	0	0	0	0	0
2/27/2024 19:32	40502 CRES_T2	9	9	0	0.33	0.5	0.17	0	0	0	0	0	0	0	0
2/27/2024 19:32	67401 WAKE_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/27/2024 19:33	47101 MARL_T1	5	7	2	0.94	0	-0.94	0	0	0	0	0	0	0	0
2/27/2024 19:33	13503 MCMI_T2	133	450	317	0.35	0.46	0.11	0	0	0	0	0	0	0	0
2/27/2024 19:33	67001 STHI_T2	476	569	93	0.27	0.35	0.08	0	0	0	0	0	0	0	0
2/27/2024 19:34	67002 STHI_T2	116	253	137	0.18	0.2	0.02	0	0	0	0	0	0	0	0
2/27/2024 19:34	52006 LING_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/27/2024 19:34	14401 SSLA_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/27/2024 19:35	54505 ENOL_T2	1	1	0	1	1.2	0.2	0	0	0	0	0	0	0	0
2/27/2024 19:35	67001 STHI_T2	476	569	93	0.27	0.35	0.08	0	0	0	0	0	0	0	0
2/27/2024 19:35	67002 STHI_T2	116	253	137	0.18	0.2	0.02	0	0	0	0	0	0	0	0
2/27/2024 19:35	42001 MNVL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/27/2024 19:37	20402 ASHF_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/27/2024 19:37	40502 CRES_T2	9	9	0	0.33	0.5	0.17	0	0	0	0	0	0	0	0
2/27/2024 19:37	14403 SSLA_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/27/2024 19:37	67002 STHI_T2	116	253	137	0.18	0.2	0.02	0	0	0	0	0	0	0	0
2/27/2024 19:38	13701 SCHN_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/27/2024 19:38	40501 CRES_T2	1	8	7	0.1	0.14	0.04	0	0	0	0	0	0	0	0
2/27/2024 19:38	67002 STHI_T2	116	253	137	0.18	0.2	0.02	0	0	0	0	0	0	0	0
2/27/2024 19:38	51601 DUKE_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/27/2024 19:39	67401 WAKE_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/27/2024 19:39	47104 MARL_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/27/2024 19:39	17804 GILB_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/27/2024 19:39	60803 BUCK_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/27/2024 19:40	67502 WEWI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/27/2024 19:40	51601 DUKE_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/27/2024 19:41	54502 ENOL_T2	1	1	0	0.2	0.9	0.7	0	0	0	0	0	0	0	0
2/27/2024 19:41	53901 HALI_T2	1	3	2	0.3	0.43	0.13	0	0	0	0	0	0	0	0
2/27/2024 19:41	42001 MNVL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/27/2024 19:41	57403 SPAN_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/27/2024 19:42	57304 MOAL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/27/2024 19:42	61502 EPET_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/27/2024 19:43	57403 SPAN_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/27/2024 19:43	40501 CRES_T2	1	8	7	0.1	0.14	0.04	0	0	0	0	0	0	0	0
2/27/2024 19:43	57301 MOAL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/27/2024 19:43	25501 MADI_T1	1	1	0	0.4	0	-0.4	0	0	0	0	0	0	0	0
2/27/2024 19:43	40601 PIGR_T1	0	6	6	0	0.1	0.1	0	0	0	0	0	0	0	0
2/27/2024 19:43	57403 SPAN_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/27/2024 19:43	60201 ATGL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/27/2024 19:44	54204 PENN_T2	2	2	0	0.5	0.8	0.3	0	0	0	0	0	0	0	0
2/27/2024 19:44	56802 BENV_T2	2	126	124	0.45	0.25	-0.2	0	0	0	0	0	0	0	0
2/27/2024 19:44	13704 SCHN_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/27/2024 19:45	46202 DANV_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/27/2024 19:45	67502 WEWI_T2	0	55	55	0	0.16	0.16	0	0	0	0	0	0	0	0
2/27/2024 19:46	57403 SPAN_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/27/2024 19:46	46201 DANV_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/27/2024 19:46	56802 BENV_T2	73	128	55	0.18	0.24	0.06	0	0	0	0	0	0	0	0
2/27/2024 19:47	46001 BERW_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/27/2024 19:47	44601 SALE_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/27/2024 19:47	40101 HUNT_T2	9	5	-4	0.36	0.2	-0.16	0	0	0	0	0	0	0	0
2/27/2024 19:47	43202 MVIL_T2	0	1	1	0	0.1	0.1	0	0	0	0	0	0	0	0
2/27/2024 19:47	45501 DERR_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/27/2024 19:47	46002 BERW_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/27/2024 19:48	17804 GILB_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/27/2024 19:48	46004 BERW_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/27/2024 19:48	43201 MVIL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/27/2024 19:48	41802 GOCI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/27/2024 19:49	53101 WTWN_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/27/2024 19:50	40501 CRES_T2	4	8	4	0.13	0.21	0.08	0	0	0	0	0	0	0	0
2/27/2024 19:50	64802 MONE_T2	65	83	18	0.16	0.24	0.08	0	0	0	0	0	0	0	0
2/27/2024 19:50	46001 BERW_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/27/2024 19:50	53101 WTWN_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/27/2024 19:50	44601 SALE_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/27/2024 19:51	66701 STRA_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/27/2024 19:51	28602 BLYT_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/27/2024 19:52	46702 RENO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/27/2024 19:52	53903 HALI_T2	2	8	6	1.6	0.48	-1.12	0	0	0	0	0	0	0	0
2/27/2024 19:52	43801 SWIL_T1	2	2	0	3.2	3.2	0	0	0	0	0	0	0	0	0
2/27/2024 19:52	56501 ROCK_T2	0	5	5	0	0.16	0.16	0	0	0	0	0	0	0	0
2/27/2024 19:53	57401 SPAN_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/27/2024 19:53	56501 ROCK_T2	0	5	5	0	0.16	0.16	0	0	0	0	0	0	0	0
2/27/2024 19:53	42502 ALTA_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/27/2024 19:53	53901 HALI_T2	2	6	4	0.6	0.33	-0.27	0	0	0	0	0	0	0	0
2/27/2024 19:53	46001 BERW_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/27/2024 19:54	46001 BERW_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/27/2024 19:54	53602 DALM_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/27/2024 19:54	46801 HEPB_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/27/2024 19:54	54501 ENOL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/27/2024 19:54	56802 BENV_T2	73	128	55	0.18	0.24	0.06	0	0	0	0	0	0	0	0
2/27/2024 19:55	56501 ROCK_T2	0	5	5	0	0.16	0.16	0	0	0	0	0	0	0	0
2/27/2024 19:55	42502 ALTA_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/27/2024 19:55	28604 BLYT_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/27/2024 19:55	41601 CLEV_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/27/2024 19:55	46101 MACI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/27/2024 19:55	56802 BENV_T2	73	128	55	0.18	0.24	0.06	0	0	0	0	0	0	0	0
2/27/2024 19:56	54501 ENOL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/27/2024 19:56	56802 BENV_T2	73	128	55	0.18	0.24	0.06	0	0	0	0	0	0	0	0
2/27/2024 19:56	43802 SWIL_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/27/2024 19:56	41802 GOCI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/27/2024 19:56	43001 ALWD_T1	1	4	3	0.1	0.1	0	0	0	0	0	0	0	0	0
2/27/2024 19:57	44701 MUNC_T2	0	34	34	0	0.15	0.15	0	0	0	0	0	0	0	0
2/27/2024 19:57	53901 HALI_T2	2	6	4	0.6	0.33	-0.27	0	0	0	0	0	0	0	0
2/27/2024 19:57	45501 DERR_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/27/2024 19:57	55002 NEWP_T1	5	5	0	0.48	0.84	0.36	0	0	0	0	0	0	0	0
2/27/2024 19:57	43801 SWIL_T1	2	2	0	3.2	3.2	0	0	0	0	0	0	0	0	0
2/27/2024 19:58	53903 HALI_T2	2	8	6	1.6	0.48	-1.12	0	0	0	0	0	0	0	0
2/27/2024 19:58	45402 WBLO_T2	51	71	20	0.28	0.37	0.09	0	0	0	0	0	0	0	0
2/27/2024 19:58	56801 BENV_T1	4	4	0	0.45	0.98	0.53	0	0	0	0	0	0	0	0
2/27/2024 19:58	42203 SHEN_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/27/2024 19:59	56501 ROCK_T2	0	5	5	0	0.16	0.16	0	0	0	0	0	0	0	0
2/27/2024 19:59	42202 SHEN_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/27/2024 19:59	42903 MIDD_T2	2	2	0	1.6	1.45	-0.15	0	0	0	0	0	0	0	0
2/27/2024 19:59	56802 BENV_T2	73	128	55	0.18	0.24	0.06	0	0	0	0	0	0	0	0
2/27/2024 19:59	43802 SWIL_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/27/2024 19:59	41601 CLEV_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/27/2024 19:59	47403 PENS_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/27/2024 19:59	43303 WATS_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/27/2024 19:59	43301 WATS_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/27/2024 19:59	45501 DERR_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/27/2024 19:59	43001 ALWD_T1	1	4	3	0.1	0.1	0	0	0	0	0	0	0	0	0
2/27/2024 19:59	55002 NEWP_T1	5	5	0	0.48	0.84	0.36	0	0	0	0	0	0	0	0
2/27/2024 20:00	46201 DANV_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/27/2024 20:00	40902 JESH_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/27/2024 20:00	43202 MVIL_T2	1	24	23	0.1	0.2	0.1	0	0	0	0	0	0	0	0
2/27/2024 20:00	58401 MORO_T1	0	1	1	0	0	0	0	0	0	0	0	0	0	0
2/27/2024 20:00	56503 ROCK_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/27/2024 20:00	47802 MOCA_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/27/2024 20:01	44703 MUNC_T2	3	3	0	0.53	0.8	0.27	0	0	0	0	0	0	0	0
2/27/2024 20:01	56802 BENV_T2	125	80	-45	0.24	0.2	-0.04	0	0	0	0	0	0	0	0
2/27/2024 20:01	55001 NEWP_T1	4	15	11	0.13	0.15	0.02	0	0	0	0	0	0	0	0
2/27/2024 20:01	45402 WBLO_T2	71	78	7	0.35	0.42	0.07	0	0	0	0	0	0	0	0
2/27/2024 20:01	40101 HUNT_T2	4	8	4	0.43	0.15	-0.28	0	0	0	0	0	0	0	0
2/27/2024 20:02	56803 BENV_T1	3	5	2	0.13	0.34	0.21	0	0	0	0	0	0	0	0
2/27/2024 20:02	41802 GOCI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/27/2024 20:02	43301 WATS_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/27/2024 20:02	55002 NEWP_T1	5	5	0	0.7	0.92	0.22	0	0	0	0	0	0	0	0
2/27/2024 20:02	56802 BENV_T2	125	80	-45	0.24	0.2	-0.04	0	0	0	0	0	0	0	0
2/27/2024 20:02	42903 MIDD_T2	2	2	0	1.4	1.45	0.05	0	0	0	0	0	0	0	0
2/27/2024 20:02	40101 HUNT_T2	4	8	4	0.43	0.15	-0.28	0	0	0	0	0	0	0	0
2/27/2024 20:02	44301 BEAV_T2	1	0	-1	0.1	0	-0.1	0	0	0	0	0	0	0	0
2/27/2024 20:02	59101 WALK_

2/28/2024 0:42	65001 NEFF_T2	127	227	100	0.14	0.25	0.11	0	0	0	0	0	0	0
2/28/2024 1:08	65002 NEFF_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
2/28/2024 1:34	65002 NEFF_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
2/28/2024 3:25	65002 NEFF_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
2/28/2024 4:07	65004 NEFF_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
2/28/2024 4:54	65004 NEFF_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
2/28/2024 5:47	65001 NEFF_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
2/28/2024 6:44	65003 NEFF_T2	0	4	4	0	0.13	0.13	0	0	0	0	0	0	0
2/28/2024 7:47	65005 NEFF_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
2/28/2024 7:55	45502 DERR_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
2/28/2024 8:14	65005 NEFF_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
2/28/2024 8:29	65003 NEFF_T2	4	34	30	0.33	0.15	-0.18	0	0	0	0	0	0	0
2/28/2024 8:41	53602 DALM_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
2/28/2024 8:46	64702 LITI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
2/28/2024 8:47	64702 LITI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
2/28/2024 8:49	65203 PRIN_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
2/28/2024 8:50	65202 PRIN_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
2/28/2024 9:00	53902 HALI_T2	1	1	0	5.9	5.8	-0.1	0	0	0	0	0	0	0
2/28/2024 9:00	67002 STHI_T2	38	32	-6	0.12	0.12	0	0	0	0	0	0	0	0
2/28/2024 9:00	53902 HALI_T2	1	1	0	5.9	5.8	-0.1	0	0	0	0	0	0	0
2/28/2024 9:00	62607 ENGL_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
2/28/2024 9:00	47101 MARL_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
2/28/2024 9:00	40505 CRES_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
2/28/2024 9:00	65203 PRIN_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
2/28/2024 9:00	16102 BING_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
2/28/2024 9:00	65004 NEFF_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
2/28/2024 9:00	40101 HUNT_T2	1	5	4	0.5	0.4	-0.1	0	0	0	0	0	0	0
2/28/2024 9:00	46004 BERW_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
2/28/2024 9:00	42903 MIDD_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
2/28/2024 9:00	41903 REED_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
2/28/2024 9:00	58402 MORO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
2/28/2024 9:00	17803 GILB_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
2/28/2024 9:00	40603 PIGR_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
2/28/2024 9:00	47101 MARL_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
2/28/2024 9:00	43001 ALWD_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
2/28/2024 9:00	45502 DERR_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
2/28/2024 9:00	54602 SUMM_T2	0	8	8	0	0.16	0.16	0	0	0	0	0	0	0
2/28/2024 9:00	59102 WALK_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
2/28/2024 9:00	29402 BELT_T1	1	1	0	7.5	7.9	0.4	0	0	0	0	0	0	0
2/28/2024 9:00	66301 MCGO_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
2/28/2024 9:00	60801 BUCK_T1	0	1	1	0	0.1	0.1	0	0	0	0	0	0	0
2/28/2024 9:00	40502 CRES_T2	4	3	-1	0.1	0.1	0	0	0	0	0	0	0	0
2/28/2024 9:00	59201 THOM_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
2/28/2024 9:02	43301 WATS_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
2/28/2024 9:06	58003 WCAR_T1	0	1	1	0	0.5	0.5	0	0	0	0	0	0	0
2/28/2024 9:07	60701 BREC_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
2/28/2024 9:07	12303 LANA_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
2/28/2024 9:07	67401 WAKE_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
2/28/2024 9:07	40502 CRES_T2	4	3	-1	0.1	0.1	0	0	0	0	0	0	0	0
2/28/2024 9:07	10801 CHHI_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
2/28/2024 9:07	53501 EVIL_T2	9	9	0	0.94	0.84	-0.1	0	0	0	0	0	0	0
2/28/2024 9:08	24104 EHAZ_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
2/28/2024 9:09	67001 STHI_T2	360	317	-43	0.17	0.17	0	0	0	0	0	0	0	0
2/28/2024 9:13	64702 LITI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
2/28/2024 9:16	59003 MIFF_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
2/28/2024 9:17	64703 LITI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
2/28/2024 9:18	54206 PENN_T2	11	2	-9	0.2	0.2	0	0	0	0	0	0	0	0
2/28/2024 9:18	65201 PRIN_T4	2	2	0	0.1	0.1	0	0	0	0	0	0	0	0
2/28/2024 9:19	65204 PRIN_T4	0	0	0	0	0	0	0	0	0	0	0	0	0
2/28/2024 9:21	65207 PRIN_T4	28	31	3	0.15	0.13	-0.02	0	0	0	0	0	0	0
2/28/2024 9:23	29402 BELT_T1	1	1	0	7.6	8.2	0.6	0	0	0	0	0	0	0
2/28/2024 9:24	29402 BELT_T1	1	1	0	7.6	8.2	0.6	0	0	0	0	0	0	0
2/28/2024 9:25	29402 BELT_T1	1	1	0	7.6	8.2	0.6	0	0	0	0	0	0	0
2/28/2024 9:26	41802 GOCI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
2/28/2024 9:26	29402 BELT_T1	1	1	0	7.6	8.2	0.6	0	0	0	0	0	0	0
2/28/2024 9:27	40101 HUNT_T2	1	5	4	0.6	0.36	-0.24	0	0	0	0	0	0	0
2/28/2024 9:30	41801 GOCI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
2/28/2024 9:31	55001 NEWP_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
2/28/2024 9:35	55002 NEWP_T1	4	5	1	0.2	0.48	0.28	0	0	0	0	0	0	0
2/28/2024 9:36	57302 MOAL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
2/28/2024 9:36	55001 NEWP_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
2/28/2024 9:37	29401 BELT_T1	30	58	28	0.2	0.26	0.06	0	0	0	0	0	0	0
2/28/2024 9:38	57304 MOAI_T2	1	12	11	0.2	0.24	0.04	0	0	0	0	0	0	0
2/28/2024 9:38	56802 BENV_T2	40	156	116	0.17	0.29	0.12	0	0	0	0	0	0	0
2/28/2024 9:39	56802 BENV_T2	40	156	116	0.17	0.29	0.12	0	0	0	0	0	0	0
2/28/2024 9:39	26002 WDAM_T1	1	1	0	0.3	0.1	-0.2	0	0	0	0	0	0	0
2/28/2024 9:40	56802 BENV_T2	40	156	116	0.17	0.29	0.12	0	0	0	0	0	0	0
2/28/2024 9:41	56802 BENV_T2	80	312	232	0.17	0.29	0.12	0	0	0	0	0	0	0
2/28/2024 9:45	40101 HUNT_T2	5	2	-3	0.46	0.4	-0.06	0	0	0	0	0	0	0
2/28/2024 9:47	43202 MVIL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
2/28/2024 9:48	41902 REED_T1	3	2	-1	0.63	0	-0.63	0	0	0	0	0	0	0
2/28/2024 9:50	46701 RENO_T1	1	128	127	7.9	0.32	-7.58	0	0	0	0	0	0	0
2/28/2024 9:54	44302 BEAV_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
2/28/2024 9:54	67402 WAKE_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
2/28/2024 9:54	43304 WATS_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
2/28/2024 9:54	23901 EFMO_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
2/28/2024 9:55	29401 BELT_T1	53	49	-4	0.25	0.26	0.01	0	0	0	0	0	0	0
2/28/2024 9:55	60801 BUCK_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
2/28/2024 9:55	45502 DERR_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
2/28/2024 9:56	44301 BEAV_T2	1	2	1	0.9	0	-0.9	0	0	0	0	0	0	0
2/28/2024 9:57	10801 CHHI_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
2/28/2024 10:00	58402 MORO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
2/28/2024 10:01	57401 SPAN_T1	27	141	114	0.23	0.21	-0.02	0	0	0	0	0	0	0
2/28/2024 10:01	55002 NEWP_T1	5	5	0	0.42	0.48	0.06	0	0	0	0	0	0	0
2/28/2024 10:02	55001 NEWP_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
2/28/2024 10:03	65202 PRIN_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
2/28/2024 10:05	65002 NEFF_T2	0	1	1	0	0.1	0.1	0	0	0	0	0	0	0
2/28/2024 10:05	43302 WATS_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
2/28/2024 10:05	67201 TEHI_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
2/28/2024 10:06	43304 WATS_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
2/28/2024 10:06	67002 STHI_T2	9	34	25	0.12	0.12	0	0	0	0	0	0	0	0
2/28/2024 10:08	20403 ASHF_T2	2	4	2	0.15	0.3	0.15	0	0	0	0	0	0	0
2/28/2024 10:09	29401 BELT_T1	49	0	-49	0.26	0	-0.26	0	0	0	0	0	0	0
2/28/2024 10:09	67201 TEHI_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
2/28/2024 10:09	43001 ALWD_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
2/28/2024 10:09	67402 WAKE_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
2/28/2024 10:09	20403 ASHF_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
2/28/2024 10:09	67001 STHI_T2	274	293	19	0.15	0.17	0.02	0	0	0	0	0	0	0
2/28/2024 10:09	23901 EFMO_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
2/28/2024 10:10	23901 EFMO_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
2/28/2024 10:10	43304 WATS_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
2/28/2024 10:11	43301 WATS_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
2/28/2024 10:11	67201 TEHI_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
2/28/2024 10:12	57403 SPAN_T1	6	28	22	0.15	0.22	0.07	0	0	0	0	0	0	0
2/28/2024 10:13	17804 GILB_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
2/28/2024 10:14	40101 HUNT_T2	1	2	1	0.4	0.4	0	0	0	0	0	0	0	0
2/28/2024 10:17	64801 MONE_T2	16	29	13	0.33	0.37	0.04	0	0	0	0	0	0	0
2/28/2024 10:19	59302 MCAL_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
2/28/2024 10:19	67001 STHI_T2	292	320	28	0.17	0.15	-0.02	0	0	0	0	0	0	0
2/28/2024 10:20	65002 NEFF_T2	1	0	-1	0.1	0	-0.1	0	0	0	0	0	0	0
2/28/2024 10:20	56503 ROCK_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
2/28/2024 10:21	56503 ROCK_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
2/28/2024 10:22	65003 NEFF_T2	67	46	-21	0.16	0.13	-0.03	0	0	0	0	0	0	0
2/28/2024 10:22	67001 STHI_T2	292	320	28	0.17	0.15	-0.02	0	0	0	0	0	0	0
2/28/2024 10:25	15001 BLMO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
2/28/2024 10:26	15001 BLMO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
2/28/2024 10:26	53601 DALM_T2	1	1	0	0.7	0.6	-0.1	0	0	0	0	0	0	0
2/28/2024 10:26	56503 ROCK_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
2/28/2024 10:27	28604 BLYT_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
2/28/2024 10:29	65001 NEFF_T2	54	9	-45	0.13	0.12	-0.01	0	0	0	0	0	0	0
2/28/2024 10:31	25502 MADI_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
2/28/2024 10:33	40601 PIGR_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
2/28/2024 10:34	56504 ROCK_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
2/28/2024 10:36	40602 PIGR_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
2/28/2024 10:36	56501 ROCK_T2	8	55	47	0.35	0.19	-0.16	0	0	0	0	0	0	0
2/28/2024 10:36	67503 WEWI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
2/28/2024 10:37	56501 ROCK_T2	8	55	47	0.35	0.19	-0.16	0	0	0	0	0	0	0
2/28/2024 10:37	16302 ALPA_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
2/28/2024 10:38	67502 WEWI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
2/28/2024 10:38	60801 BUCK_T1	0	1	1	0	0	0	0	0	0	0	0	0	0
2/28/2024 10:38	16302 ALPA_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
2/28/2024 10:39	57401 SPAN_T1	100	101	1	0.24	0.2	-0.04	0	0	0	0	0	0	0
2/28/2024 10:39	16302 ALPA_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
2/28/2024 10:40	56801 BENV_T1	23	33	10	0.85	0.82	-0.03	0	0	0	0	0	0	0
2/28/2024 10:41	46202 DANV_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
2/28/2024 10:41	53902 HALI_T2	1	1	0	6.1	6.1	0	0	0	0	0	0	0	0
2/28/2024 10:41	23901 EFMO_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
2/28/2024 10:41	56803 BENV_T1	1	1	0	0.8	0.5	-0.3	0	0	0	0	0	0	0
2/28/2024 10:43	53901 HALI_T2	5	13	8	0.34	0.26	-0.08	0	0	0	0	0	0	0
2/28/2024 10:44	28702 HAML_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
2/28/2024 10:47	57403 SPAN_T1	93	128	35	0.25	0.24	-0.01	0	0	0	0	0	0	0
2/28/2024 10:47	46801 HEPB_T2	5	3	-2	0.4	0.63	0.23	0	0	0	0	0	0	0
2/28/2024 10:48	57401 SPAN_T1	68	103	35	0.2	0.2	0	0	0	0	0	0	0	0
2/28/2024 10:50	57403 SPAN_T1	93	128	35	0.25	0.24	-0.01	0	0	0	0	0	0	0
2/28/2024 10:51	57401 SPAN_T1	68	103	35	0.2	0.2	0	0	0	0	0	0	0	0
2/28/2024 10:51	67002 STHI_T2	31	38	7	0.13	0.13	0	0	0	0	0	0	0	0
2/28/2024 10:51	67502 WEWI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
2/28/2024 10:52	56503 ROCK_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
2/28/2024 10:52	67001 STHI_T2	316	396	80	0.15	0.17	0.02	0	0	0	0	0	0	0
2/28/2024 10:53	67002 STHI_T2	31	38	7	0.13	0.13	0	0	0	0	0	0	0	0
2/28/2024 10:54	67001 STHI_T2	316	396	80	0.15	0.17	0.02	0	0	0	0	0	0	0
2/28/2024 10:54	27503 WEIS_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
2/28/2024 10:54	56802 BENV_T2	1	1	0	0.9	1	0.1	0	0	0	0	0	0	0
2/28/2024 10:55	62606 ENGL_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
2/28/2024 10:56	53501 EVIL_T2	3	9	6	0.7	0.62	-0.08	0	0	0	0	0	0	0
2/28/2024 10:57	62605 ENGL_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
2/28/2024 10:57	46205 DANV_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
2/28/2024 10:57	60201 ATGL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
2/28/2024 10:57	56802 BENV_T2	1	1	0	0.9	1	0.1	0	0	0	0	0	0	0
2/28/2024 10:59	62604 ENGL_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
2/28/2024 10:59	53501 EVIL_T2	3	9	6	0.7	0.62	-0.08	0	0	0	0	0	0	0
2/28/2024 11:00	53502 EVIL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
2/28/2024 11:01	57403 SPAN_T1	123	74	-49	0.24	0.23	-0.01	0	0	0	0	0	0	0
2/28/2024 11:02	64801 MONE_T2	21	29	8	0.3	0.3	0	0	0	0	0	0	0	0
2/28/2024 11:03	47802 MOCA_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
2/28/2024 11:03	46701 RENO_T1	124	5	-119	0.38	1.72	1.34	0	0	0	0	0	0	0
2/28/2024 11:04	66702 STRA_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
2/28/2024 11:04	66501 SMAN_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
2/28/2024 11:04	57403 SPAN_T1	246	148	-98	0.24	0.23	-0.01	0	0	0	0	0	0	0
2/28/2024 11:04	60504 NMAN_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
2/28/2024 11:05	67001 STHI_T2	328	383	55	0.16	0.16	0	0	0	0	0	0	0	0
2/28/2024 11:05	42002 MNVL_T2	1	1	0	6.6	6.7	0.1	0	0	0	0	0	0	0
2/28/2024 11:05	54001 SDLE_T1	5	6	1	0.64	0.42	-0.22	0	0	0	0	0	0	0
2/28/2024 11:06	65005 NEFF_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
2/28/2024 11:06	67002 STHI_T2	33	41	8	0.13	0.12	-0.01	0	0	0	0	0	0	0
2/28/2024 11:06	56504 ROCK_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
2/28/2024 11:06	54001 SDLE_T1	5	6	1	0.64	0.42	-0.22	0	0	0	0	0	0	0
2/28/2024 11:07	46701 RENO_T1	124	5	-119	0.38	1.72	1.34	0	0	0	0	0	0	0
2/28/2024 11:07	55101 WERT_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
2/28/2024 11:07	54001 SDLE_T1	5	6	1	0.64	0.42	-0.22	0	0	0	0	0	0	0
2/28/2024 11:07	45802 HEGI_T2	2	16	14	0.15	0	-0.15	0	0	0	0	0	0	0
2/28/2024 11:08	67002 STHI_T2	33	41	8	0.13	0.12	-0.01	0	0	0	0	0	0	0
2/28/2024 11:08	54001 SDLE_T1	5	6	1	0.64	0.42	-0.22	0	0	0	0	0	0	0
2/28/2024 11:09	67002 STHI_T2	33	41	8	0.13	0.12	-0.01	0	0

2/28/2024 11:34	57403 SPAN_T1	18	39	21	0.18	0.2	0.02	0	0	0	0	0	0	0	0
2/28/2024 11:34	56504 ROCK_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/28/2024 11:35	56501 ROCK_T2	10	47	37	0.48	0.25	-0.23	0	0	0	0	0	0	0	0
2/28/2024 11:35	65005 NEFF_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/28/2024 11:35	57403 SPAN_T1	18	39	21	0.18	0.2	0.02	0	0	0	0	0	0	0	0
2/28/2024 11:35	67201 TEHI_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/28/2024 11:36	66505 SMAN_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/28/2024 11:36	56503 ROCK_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/28/2024 11:38	56504 ROCK_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/28/2024 11:38	67203 TEHI_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/28/2024 11:38	43001 ALWD_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/28/2024 11:39	56503 ROCK_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/28/2024 11:39	45802 HEGI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/28/2024 11:39	23901 EFMO_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/28/2024 11:40	41602 CLEV_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/28/2024 11:40	56504 ROCK_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/28/2024 11:40	60504 NMAN_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/28/2024 11:41	41801 GOCI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/28/2024 11:42	41802 GOCI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/28/2024 11:42	43001 ALWD_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/28/2024 11:43	23901 EFMO_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/28/2024 11:44	25503 MADI_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/28/2024 11:46	53903 HAU_T2	2	2	0	1.45	1.55	0.1	0	0	0	0	0	0	0	0
2/28/2024 11:47	13302 ORVI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/28/2024 11:48	59302 MCAL_T1	17	17	0	0	0	0	0	0	0	0	0	0	0	0
2/28/2024 11:49	56501 ROCK_T2	9	47	38	0.54	0.25	-0.29	0	0	0	0	0	0	0	0
2/28/2024 11:50	56504 ROCK_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/28/2024 11:50	56503 ROCK_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/28/2024 11:50	14801 TREI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/28/2024 11:51	65005 NEFF_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/28/2024 11:51	56501 ROCK_T2	9	47	38	0.54	0.25	-0.29	0	0	0	0	0	0	0	0
2/28/2024 11:52	66703 STRA_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/28/2024 11:52	43001 ALWD_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/28/2024 11:53	26001 WDAM_T1	0	1	1	0	0	0	0	0	0	0	0	0	0	0
2/28/2024 11:53	56504 ROCK_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/28/2024 11:53	65003 NEFF_T2	57	124	67	0.18	0.21	0.03	0	0	0	0	0	0	0	0
2/28/2024 11:54	67401 WAKE_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/28/2024 11:55	42204 SHEN_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/28/2024 11:55	43001 ALWD_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/28/2024 11:56	67401 WAKE_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/28/2024 12:00	25503 MADI_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/28/2024 12:02	13302 ORVI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/28/2024 12:03	16102 BING_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/28/2024 12:03	59301 MCAL_T1	2	2	0	0.85	1.1	0.25	0	0	0	0	0	0	0	0
2/28/2024 12:04	59002 MIFF_T1	0	1	1	0	0.2	0.2	0	0	0	0	0	0	0	0
2/28/2024 12:05	56501 ROCK_T2	47	12	-35	0.25	0.56	0.31	0	0	0	0	0	0	0	0
2/28/2024 12:05	56503 ROCK_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/28/2024 12:06	56504 ROCK_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/28/2024 12:07	57106 SPHI_T2	3	3	0	1.57	1.53	-0.04	0	0	0	0	0	0	0	0
2/28/2024 12:07	51304 WIND_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/28/2024 12:07	60502 NMAN_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/28/2024 12:07	56501 ROCK_T2	47	12	-35	0.25	0.56	0.31	0	0	0	0	0	0	0	0
2/28/2024 12:08	56503 ROCK_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/28/2024 12:08	43001 ALWD_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/28/2024 12:10	65005 NEFF_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/28/2024 12:10	43001 ALWD_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/28/2024 12:11	41601 CLEV_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/28/2024 12:11	42701 AUGU_T1	1	1	0	0.4	0.9	0.5	0	0	0	0	0	0	0	0
2/28/2024 12:12	41801 GOCI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/28/2024 12:14	23902 EFMO_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/28/2024 12:14	41801 GOCI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/28/2024 12:15	66302 MCGO_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/28/2024 12:18	64303 LINC_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/28/2024 12:21	14402 SSLA_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/28/2024 12:22	14402 SSLA_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/28/2024 12:30	59001 MIFF_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/28/2024 12:31	50107 HARR_T3	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/28/2024 12:31	42701 AUGU_T1	1	1	0	0.4	0.5	0.1	0	0	0	0	0	0	0	0
2/28/2024 12:32	42401 GIMA_T1	3	5	2	0.1	0.1	0	0	0	0	0	0	0	0	0
2/28/2024 12:35	50107 HARR_T3	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/28/2024 12:36	65003 NEFF_T2	167	151	-16	0.24	0.23	-0.01	0	0	0	0	0	0	0	0
2/28/2024 12:36	26002 WDAM_T1	2	0	-2	0.1	0	-0.1	0	0	0	0	0	0	0	0
2/28/2024 12:44	53903 HAU_T2	2	2	0	1.2	1.5	0.3	0	0	0	0	0	0	0	0
2/28/2024 12:47	65001 NEFF_T2	135	18	-117	0.14	0.14	0	0	0	0	0	0	0	0	0
2/28/2024 12:49	13302 ORVI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/28/2024 12:51	67402 WAKE_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/28/2024 12:53	67402 WAKE_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/28/2024 12:54	67402 WAKE_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/28/2024 13:04	64101 REFR_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/28/2024 13:07	14403 SSLA_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/28/2024 13:09	14403 SSLA_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/28/2024 13:25	44301 BEAV_T2	1	3	2	0.1	0	-0.1	0	0	0	0	0	0	0	0
2/28/2024 13:26	44301 BEAV_T2	1	3	2	0.1	0	-0.1	0	0	0	0	0	0	0	0
2/28/2024 13:26	41306 FISH_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/28/2024 13:28	41304 FISH_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/28/2024 13:30	44301 BEAV_T2	0	1	1	0	0	0	0	0	0	0	0	0	0	0
2/28/2024 13:35	17002 RIRO_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/28/2024 13:35	25502 MADI_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/28/2024 13:37	44302 BEAV_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/28/2024 13:39	65004 NEFF_T2	1	1	0	0.1	0.1	0	0	0	0	0	0	0	0	0
2/28/2024 13:41	44302 BEAV_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/28/2024 13:47	59302 MCAL_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/28/2024 13:51	65004 NEFF_T2	1	0	-1	0.1	0	-0.1	0	0	0	0	0	0	0	0
2/28/2024 13:51	65002 NEFF_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/28/2024 13:52	65005 NEFF_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/28/2024 13:56	41601 CLEV_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/28/2024 13:57	41602 CLEV_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/28/2024 13:58	24501 GOUL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/28/2024 14:03	47403 PENS_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/28/2024 14:04	47403 PENS_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/28/2024 14:05	67001 STHI_T2	538	644	106	0.28	0.33	0.05	0	0	0	0	0	0	0	0
2/28/2024 14:06	47401 PENS_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/28/2024 14:06	67001 STHI_T2	538	644	106	0.28	0.33	0.05	0	0	0	0	0	0	0	0
2/28/2024 14:07	67002 STHI_T2	245	316	71	0.17	0.21	0.04	0	0	0	0	0	0	0	0
2/28/2024 14:08	67001 STHI_T2	538	644	106	0.28	0.33	0.05	0	0	0	0	0	0	0	0
2/28/2024 14:08	67002 STHI_T2	245	316	71	0.17	0.21	0.04	0	0	0	0	0	0	0	0
2/28/2024 14:09	17804 GILB_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/28/2024 14:10	67001 STHI_T2	538	644	106	0.28	0.33	0.05	0	0	0	0	0	0	0	0
2/28/2024 14:11	15001 BLMO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/28/2024 14:11	53903 HAU_T2	2	2	0	1.6	1.6	0	0	0	0	0	0	0	0	0
2/28/2024 14:12	44302 BEAV_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/28/2024 14:12	15001 BLMO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/28/2024 14:12	43001 ALWD_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/28/2024 14:13	53903 HAU_T2	2	2	0	1.6	1.6	0	0	0	0	0	0	0	0	0
2/28/2024 14:13	41801 GOCI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/28/2024 14:15	59001 MIFF_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/28/2024 14:15	41802 GOCI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/28/2024 14:16	25502 MADI_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/28/2024 14:17	42401 GIMA_T1	6	20	14	0.15	0.19	0.04	0	0	0	0	0	0	0	0
2/28/2024 14:18	50501 MECH_T1	4	4	0	1.23	1.33	0.1	0	0	0	0	0	0	0	0
2/28/2024 14:18	65004 NEFF_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/28/2024 14:19	50503 MECH_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/28/2024 14:20	65005 NEFF_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/28/2024 14:21	56504 ROCK_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/28/2024 14:21	67402 WAKE_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/28/2024 14:21	67002 STHI_T2	245	368	123	0.17	0.25	0.08	0	0	0	0	0	0	0	0
2/28/2024 14:22	67002 STHI_T2	245	368	123	0.17	0.25	0.08	0	0	0	0	0	0	0	0
2/28/2024 14:22	65004 NEFF_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/28/2024 14:22	67402 WAKE_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/28/2024 14:23	67002 STHI_T2	245	368	123	0.17	0.25	0.08	0	0	0	0	0	0	0	0
2/28/2024 14:23	44301 BEAV_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/28/2024 14:23	16302 ALPA_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/28/2024 14:24	56503 ROCK_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/28/2024 14:24	43001 ALWD_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/28/2024 14:24	10805 CHHI_T2	1	1	0	8.1	7.9	-0.2	0	0	0	0	0	0	0	0
2/28/2024 14:24	16302 ALPA_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/28/2024 14:25	10805 CHHI_T2	1	1	0	8.1	7.9	-0.2	0	0	0	0	0	0	0	0
2/28/2024 14:25	46002 BERW_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/28/2024 14:25	17803 GILB_T2	2	2	0	0.1	0.1	0	0	0	0	0	0	0	0	0
2/28/2024 14:25	17002 RIRO_T2	7	14	7	0.1	0.16	0.06	0	0	0	0	0	0	0	0
2/28/2024 14:26	62607 ENGL_T1	1	0	-1	0.2	0	-0.2	0	0	0	0	0	0	0	0
2/28/2024 14:26	43001 ALWD_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/28/2024 14:26	16302 ALPA_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/28/2024 14:27	62601 ENGL_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/28/2024 14:27	15001 BLMO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/28/2024 14:28	15001 BLMO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/28/2024 14:28	10805 CHHI_T2	1	1	0	8.1	7.9	-0.2	0	0	0	0	0	0	0	0
2/28/2024 14:29	53902 HAU_T2	1	1	0	5.7	5.4	-0.3	0	0	0	0	0	0	0	0
2/28/2024 14:29	62607 ENGL_T1	1	0	-1	0.2	0	-0.2	0	0	0	0	0	0	0	0
2/28/2024 14:29	41801 GOCI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/28/2024 14:30	41801 GOCI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/28/2024 14:30	10801 CHHI_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/28/2024 14:31	59001 MIFF_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/28/2024 14:31	53902 HAU_T2	1	1	0	5.4	5.5	0.1	0	0	0	0	0	0	0	0
2/28/2024 14:32	42401 GIMA_T1	20	17	-3	0.19	0.15	-0.04	0	0	0	0	0	0	0	0
2/28/2024 14:32	25502 MADI_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/28/2024 14:33	57401 SPAN_T1	188	125	-63	0.29	0.24	-0.05	0	0	0	0	0	0	0	0
2/28/2024 14:34	57401 SPAN_T1	188	125	-63	0.29	0.24	-0.05	0	0	0	0	0	0	0	0
2/28/2024 14:34	66504 SMAN_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/28/2024 14:34	65004 NEFF_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/28/2024 14:34	44601 SALE_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/28/2024 14:34	66701 STRA_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/28/2024 14:35	47401 PENS_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/28/2024 14:36	67001 STHI_T2	625	812	187	0.33	0.33	0	0	0	0	0	0	0	0	0
2/28/2024 14:36	44601 SALE_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/28/2024 14:37	56503 ROCK_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/28/2024 14:37	47403 PENS_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/28/2024 14:37	43001 ALWD_T1	0	3	3	0	0.1	0.1	0	0	0	0	0	0	0	0
2/28/2024 14:37	15001 BLMO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/28/2024 14:38	67203 TEHI_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/28/2024 14:38	67001 STHI_T2	307	376	69	0.21	0.26	0.05	0	0	0	0	0	0	0	0
2/28/2024 14:38	67402 WAKE_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/28/2024 14:38	15001 BLMO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/28/2024 14:39	57101 SPHI_T2	6	6	0	1.43	1.15	-0.28	0	0	0	0	0	0	0	0
2/28/2024 14:39	67001 STHI_T2	625	812	187	0.33	0.33	0	0	0	0	0	0	0	0	0
2/28/2024 14:39	56504 ROCK_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/28/2024 14:39	67401 WAKE_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/28/2024 14:39	16302 ALPA_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/28/2024 14:40	10805 CHHI_T2	1	1	0	8	7.9	-0.1	0	0	0	0	0	0	0	0
2/28/2024 14:40	40501 CRES_T2	2	2	0	0.1	0.15	0.05	0	0	0	0	0	0	0	0
2/28/2024 14:40	43001 ALWD_T1	0	3	3	0	0.1	0.1	0	0	0	0	0	0	0	0
2/28/2024 14:41	10801 CHHI_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/28/2024 14:42	15001 BLMO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/28/2024 14:42	62604 ENGL_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/28/2024 14:42	23902 EFMO_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/28/2024 14:43	62604 ENGL_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/28/2024

2/28/2024 15:04	42201 SHEN_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
2/28/2024 15:05	43802 SWIL_T1	0	21	21	0	0.1	0.1	0	0	0	0	0	0	0
2/28/2024 15:08	43802 SWIL_T1	0	21	21	0	0.1	0.1	0	0	0	0	0	0	0
2/28/2024 15:09	43302 WATS_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
2/28/2024 15:14	46002 BERW_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
2/28/2024 15:14	23901 EFMO_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
2/28/2024 15:14	65002 NEFF_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
2/28/2024 15:15	47001 HUGH_T2	1	3	2	0.1	0.3	0.2	0	0	0	0	0	0	0
2/28/2024 15:18	47002 HUGH_T2	3	1	-2	0.23	0.1	-0.13	0	0	0	0	0	0	0
2/28/2024 15:19	43201 MVIL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
2/28/2024 15:21	43202 MVIL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
2/28/2024 15:22	16302 ALPA_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
2/28/2024 15:22	13302 ORVI_T2	0	3	3	0	0.1	0.1	0	0	0	0	0	0	0
2/28/2024 15:22	45402 WBLO_T2	46	65	19	0.37	0.39	0.02	0	0	0	0	0	0	0
2/28/2024 15:23	17803 GILB_T2	5	35	30	0.18	0.21	0.03	0	0	0	0	0	0	0
2/28/2024 15:23	67605 WARW_T1	15	14	-1	0.57	0.51	-0.06	0	0	0	0	0	0	0
2/28/2024 15:23	42503 ALTA_T2	0	1	1	0	0.1	0.1	0	0	0	0	0	0	0
2/28/2024 15:24	17803 GILB_T2	5	35	30	0.18	0.21	0.03	0	0	0	0	0	0	0
2/28/2024 15:24	46203 DANV_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
2/28/2024 15:25	23902 EFMO_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
2/28/2024 15:25	45802 HEGI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
2/28/2024 15:26	41601 CLEV_T1	1	0	-1	6	0	-6	0	0	0	0	0	0	0
2/28/2024 15:26	45402 WBLO_T2	46	65	19	0.37	0.39	0.02	0	0	0	0	0	0	0
2/28/2024 15:26	40502 CRES_T2	9	22	13	0.51	0.37	-0.14	0	0	0	0	0	0	0
2/28/2024 15:27	40502 CRES_T2	9	22	13	0.51	0.37	-0.14	0	0	0	0	0	0	0
2/28/2024 15:28	40502 CRES_T2	9	22	13	0.51	0.37	-0.14	0	0	0	0	0	0	0
2/28/2024 15:29	40501 CRES_T2	3	10	7	0.2	0.24	0.04	0	0	0	0	0	0	0
2/28/2024 15:29	65004 NEFF_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
2/28/2024 15:30	40501 CRES_T2	10	9	-1	0.22	0.22	0	0	0	0	0	0	0	0
2/28/2024 15:39	40501 CRES_T2	10	9	-1	0.22	0.22	0	0	0	0	0	0	0	0
2/28/2024 15:40	40501 CRES_T2	10	9	-1	0.22	0.22	0	0	0	0	0	0	0	0
2/28/2024 15:41	40502 CRES_T2	22	17	-5	0.37	0.42	0.05	0	0	0	0	0	0	0
2/28/2024 15:41	23901 EFMO_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
2/28/2024 15:42	40502 CRES_T2	22	17	-5	0.37	0.42	0.05	0	0	0	0	0	0	0
2/28/2024 15:43	40501 CRES_T2	10	9	-1	0.22	0.22	0	0	0	0	0	0	0	0
2/28/2024 15:44	23902 EFMO_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
2/28/2024 15:44	40502 CRES_T2	22	17	-5	0.37	0.42	0.05	0	0	0	0	0	0	0
2/28/2024 15:45	40502 CRES_T2	15	20	5	0.44	0.43	-0.01	0	0	0	0	0	0	0
2/28/2024 15:48	47401 PENS_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
2/28/2024 15:48	42002 MNVL_T2	1	1	0	6.4	6.3	-0.1	0	0	0	0	0	0	0
2/28/2024 15:49	40502 CRES_T2	15	20	5	0.44	0.43	-0.01	0	0	0	0	0	0	0
2/28/2024 15:51	42902 MIDD_T2	1	14	13	0.1	0.21	0.11	0	0	0	0	0	0	0
2/28/2024 15:51	67001 STHI_T2	811	814	3	0.37	0.33	-0.04	0	0	0	0	0	0	0
2/28/2024 15:51	47402 PENS_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
2/28/2024 15:52	44302 BEAV_T2	0	2	2	0	0.1	0.1	0	0	0	0	0	0	0
2/28/2024 15:53	67001 STHI_T2	811	814	3	0.37	0.33	-0.04	0	0	0	0	0	0	0
2/28/2024 15:54	65003 NEFF_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
2/28/2024 15:55	40501 CRES_T2	8	11	3	0.23	0.29	0.06	0	0	0	0	0	0	0
2/28/2024 15:56	40502 CRES_T2	15	20	5	0.44	0.43	-0.01	0	0	0	0	0	0	0
2/28/2024 15:57	40501 CRES_T2	8	11	3	0.23	0.29	0.06	0	0	0	0	0	0	0
2/28/2024 15:58	40501 CRES_T2	8	11	3	0.23	0.29	0.06	0	0	0	0	0	0	0
2/28/2024 15:59	20602 GRWO_T2	0	103	103	0	0.26	0.26	0	0	0	0	0	0	0
2/28/2024 15:59	40502 CRES_T2	15	20	5	0.44	0.43	-0.01	0	0	0	0	0	0	0
2/28/2024 16:00	40501 CRES_T2	9	11	2	0.21	0.32	0.11	0	0	0	0	0	0	0
2/28/2024 16:01	58401 MORO_T1	1	0	-1	0.3	0	-0.3	0	0	0	0	0	0	0
2/28/2024 16:01	20602 GRWO_T2	1	201	200	0.1	0.28	0.18	0	0	0	0	0	0	0
2/28/2024 16:03	58401 MORO_T1	1	0	-1	0.3	0	-0.3	0	0	0	0	0	0	0
2/28/2024 16:07	42203 SHEN_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
2/28/2024 16:08	44301 BEAV_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
2/28/2024 16:11	44301 BEAV_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
2/28/2024 16:12	65002 NEFF_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
2/28/2024 16:12	23901 EFMO_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
2/28/2024 16:12	44302 BEAV_T2	2	10	8	0.1	0.13	0.03	0	0	0	0	0	0	0
2/28/2024 16:14	20601 GRWO_T2	9	157	148	0.27	0.33	0.06	0	0	0	0	0	0	0
2/28/2024 16:20	47403 PENS_T1	1	1	0	2	2.6	0.6	0	0	0	0	0	0	0
2/28/2024 16:24	16103 BING_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
2/28/2024 16:27	65001 NEFF_T2	5	44	39	0.1	0.11	0.01	0	0	0	0	0	0	0
2/28/2024 16:27	20603 GRWO_T2	285	370	85	0.6	0.64	0.04	0	0	0	0	0	0	0
2/28/2024 16:28	23901 EFMO_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
2/28/2024 16:38	65203 PRIN_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
2/28/2024 16:44	23902 EFMO_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
2/28/2024 16:52	65004 NEFF_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
2/28/2024 16:57	65003 NEFF_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
2/28/2024 17:33	60803 BUCK_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
2/28/2024 17:36	26002 WDAM_T1	2	2	0	0.2	0.3	0.1	0	0	0	0	0	0	0
2/28/2024 17:45	65005 NEFF_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
2/28/2024 17:53	47002 HUGH_T2	1	21	20	0.2	0.4	0.2	0	0	0	0	0	0	0
2/28/2024 17:55	47002 HUGH_T2	1	21	20	0.2	0.4	0.2	0	0	0	0	0	0	0
2/28/2024 18:04	43201 MVIL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
2/28/2024 18:11	65002 NEFF_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
2/28/2024 18:19	28604 BLYT_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
2/28/2024 18:26	42504 ALTA_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
2/28/2024 18:30	45501 DERR_T2	2	2	0	0.3	0	-0.3	0	0	0	0	0	0	0
2/28/2024 18:39	54001 SDLE_T1	1	2	1	0.7	1.05	0.35	0	0	0	0	0	0	0
2/28/2024 18:41	53903 HALI_T2	2	2	0	0.75	1	0.25	0	0	0	0	0	0	0
2/28/2024 18:50	54001 SDLE_T1	1	3	2	1.3	0.73	-0.57	0	0	0	0	0	0	0
2/28/2024 18:51	29402 BELT_T1	1	1	0	6.6	6.9	0.3	0	0	0	0	0	0	0
2/28/2024 18:57	59302 MCAL_T1	1	1	0	0.2	0.2	0	0	0	0	0	0	0	0
2/28/2024 18:58	29402 BELT_T1	1	1	0	6.6	6.9	0.3	0	0	0	0	0	0	0
2/28/2024 18:58	56504 ROCK_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
2/28/2024 18:59	29402 BELT_T1	1	1	0	6.6	6.9	0.3	0	0	0	0	0	0	0
2/28/2024 19:01	29402 BELT_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
2/28/2024 19:03	56802 BENV_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
2/28/2024 19:03	40101 HUNT_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
2/28/2024 19:04	65001 NEFF_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
2/28/2024 19:04	53501 EVIL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
2/28/2024 19:09	43202 MVIL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
2/28/2024 19:09	40101 HUNT_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
2/28/2024 19:10	46205 DANV_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
2/28/2024 19:11	23901 EFMO_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
2/28/2024 19:11	29401 BELT_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
2/28/2024 19:12	40502 CRES_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
2/28/2024 19:12	29401 BELT_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
2/28/2024 19:13	20603 GRWO_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
2/28/2024 19:13	24501 GOUL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
2/28/2024 19:14	55002 NEWP_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
2/28/2024 19:14	40502 CRES_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
2/28/2024 19:15	40502 CRES_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
2/28/2024 19:15	65001 NEFF_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
2/28/2024 19:17	55002 NEWP_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
2/28/2024 19:17	43304 WATS_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
2/28/2024 19:18	41801 GOCI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
2/28/2024 19:18	27502 WEIS_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
2/28/2024 19:18	40502 CRES_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
2/28/2024 19:18	56501 ROCK_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
2/28/2024 19:19	29401 BELT_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
2/28/2024 19:20	40502 CRES_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
2/28/2024 19:20	23901 EFMO_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
2/28/2024 19:20	56802 BENV_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
2/28/2024 19:21	20603 GRWO_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
2/28/2024 19:21	56501 ROCK_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
2/28/2024 19:21	43304 WATS_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
2/28/2024 19:22	56501 ROCK_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
2/28/2024 19:22	41601 CLEV_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
2/28/2024 19:22	57103 SPHI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
2/28/2024 19:23	46203 DANV_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
2/28/2024 19:23	40101 HUNT_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
2/28/2024 19:23	40502 CRES_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
2/28/2024 19:24	42001 MNVL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
2/28/2024 19:24	57401 SPAN_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
2/28/2024 19:25	45501 DERR_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
2/28/2024 19:25	65201 PRIN_T4	0	0	0	0	0	0	0	0	0	0	0	0	0
2/28/2024 19:25	56801 BENV_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
2/28/2024 19:25	57401 SPAN_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
2/28/2024 19:26	42902 MIDD_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
2/28/2024 19:26	56501 ROCK_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
2/28/2024 19:26	42201 SHEN_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
2/28/2024 19:26	40502 CRES_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
2/28/2024 19:27	40502 CRES_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
2/28/2024 19:27	43304 WATS_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
2/28/2024 19:27	41601 CLEV_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
2/28/2024 19:27	40602 PIGR_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
2/28/2024 19:27	17002 RIRO_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
2/28/2024 19:27	46203 DANV_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
2/28/2024 19:27	10805 CHHI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
2/28/2024 19:27	17805 GILB_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
2/28/2024 19:27	53601 DALM_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
2/28/2024 19:28	16302 ALPA_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
2/28/2024 19:29	17805 GILB_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
2/28/2024 19:29	16302 ALPA_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
2/28/2024 19:29	17804 GILB_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
2/28/2024 19:29	41304 FISH_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
2/28/2024 19:29	40502 CRES_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
2/28/2024 19:29	28704 HAML_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
2/28/2024 19:30	42902 MIDD_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
2/28/2024 19:30	43201 MVIL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
2/28/2024 19:30	47802 MOCA_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
2/28/2024 19:31	64203 KINZ_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
2/28/2024 19:31	42401 GIMA_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
2/28/2024 19:31	53501 EVIL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
2/28/2024 19:31	62604 ENGL_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
2/28/2024 19:31	26001 WDAM_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
2/28/2024 19:31	43304 WATS_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
2/28/2024 19:31	46701 RENO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
2/28/2024 19:31	25503 MADI_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
2/28/2024 19:31	40502 CRES_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
2/28/2024 19:31	16302 ALPA_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
2/28/2024 19:32	43304 WATS_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
2/28/2024 19:33	57403 SPAN_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
2/28/2024 19:33	40101 HUNT_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
2/28/2024 19:33	56504 ROCK_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
2/28/2024 19:33	60502 NMAN_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
2/28/2024 19:33	66504 SMAN_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
2/28/2024 19:33	41304 FISH_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
2/28/2024 19:34	47401 PENS_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
2/28/2024 19:34	67503 WEWI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
2/28/2024 19:34	65207 PRIN_T4	0	0	0	0	0	0	0	0	0	0	0	0	0
2/28/2024 19:34	57304 MOAL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
2/28/2024 19:34	10801 CHHI_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
2/28/2024 19:34	45501 DERR_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
2/28/2024 19:34	16101 BING_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
2/28/2024 19:34	62604 ENGL_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
2/28/2024 19:35	64702 LITI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
2/28/2024 19:35	57401 SPAN_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
2/28/2024 19:35	10805 CHHI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
2/28/2024 19:35	47401 PENS_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
2/28/2024 19:35	20403 ASHF_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
2/28/2024 19:35	40502 CRES_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
2/28/2024 19:36	40502 CRES_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
2/28/2024 19:36	44601 SALE_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
2/28/2024 19:36	65201 PRIN_T4	0	0	0	0	0	0	0	0	0	0	0	0	0
2/28/2024 19:36	46004 BERW_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
2/28/2024 19:36	64702 LITI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
2/28/2024 19:37	66505 SMAN_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
2/28/2024 19:37	67502 WEWI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
2/28/2024 19:37	44301 BEAV_T2	0	0	0	0	0	0	0	0	0	0	0	0

2/28/2024 19:40	62604 ENGL_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/28/2024 19:40	40502 CRES_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/28/2024 19:41	67001 STHI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/28/2024 19:41	40502 CRES_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/28/2024 19:41	46004 BERW_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/28/2024 19:41	67001 STHI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/28/2024 19:41	20403 ASHF_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/28/2024 19:41	64201 KINZ_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/28/2024 19:41	67605 WARW_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/28/2024 19:41	43802 SWIL_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/28/2024 19:41	41902 REED_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/28/2024 19:41	59003 MIFF_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/28/2024 19:42	64801 MONE_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/28/2024 19:42	15001 BLMO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/28/2024 19:42	46801 HEPB_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/28/2024 19:42	40602 PIGR_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/28/2024 19:42	57403 SPAN_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/28/2024 19:42	43304 WATS_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/28/2024 19:42	40502 CRES_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/28/2024 19:43	58402 MORO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/28/2024 19:43	40502 CRES_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/28/2024 19:43	14802 TREI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/28/2024 19:43	16302 ALPA_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/28/2024 19:43	45402 WBLO_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/28/2024 19:43	43802 SWIL_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/28/2024 19:43	15001 BLMO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/28/2024 19:44	64303 LINC_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/28/2024 19:44	57401 SPAN_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/28/2024 19:44	67502 WEWI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/28/2024 19:44	67402 WAKE_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/28/2024 19:45	55002 NEWP_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/28/2024 19:45	43001 ALWD_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/28/2024 19:45	44301 BEAV_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/28/2024 19:46	58402 MORO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/28/2024 19:46	64802 MONE_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/28/2024 19:46	54001 SDLE_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/28/2024 19:46	59003 MIFF_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/28/2024 19:46	67002 STHI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/28/2024 19:46	67402 WAKE_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/28/2024 19:46	56802 BENV_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/28/2024 19:47	67201 TEHI_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/28/2024 19:47	56802 BENV_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/28/2024 19:47	62604 ENGL_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/28/2024 19:47	60201 ATGL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/28/2024 19:47	16103 BING_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/28/2024 19:48	58401 MORO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/28/2024 19:48	67402 WAKE_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/28/2024 19:48	53903 HAU_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/28/2024 19:48	67203 TEHI_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/28/2024 19:48	46702 RENO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/28/2024 19:49	57403 SPAN_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/28/2024 19:49	42001 MNVL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/28/2024 19:49	55002 NEWP_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/28/2024 19:49	56802 BENV_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/28/2024 19:49	66703 STRA_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/28/2024 19:50	56802 BENV_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/28/2024 19:51	67002 STHI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/28/2024 19:51	57403 SPAN_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/28/2024 19:52	47401 PENS_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/28/2024 19:53	53501 EVIL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/28/2024 19:53	57403 SPAN_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/28/2024 19:53	56802 BENV_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/28/2024 19:53	54206 PENN_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/28/2024 19:55	54001 SDLE_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/28/2024 19:57	54206 PENN_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/28/2024 19:57	56801 BENV_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/28/2024 19:58	54001 SDLE_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/28/2024 20:00	41902 REED_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/28/2024 20:02	65001 NEFF_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/28/2024 20:04	46702 RENO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/28/2024 20:09	43001 ALWD_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/28/2024 20:12	65004 NEFF_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/28/2024 20:44	65001 NEFF_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/28/2024 21:13	67001 STHI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/28/2024 21:26	65001 NEFF_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/28/2024 21:42	65001 NEFF_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/28/2024 22:19	65001 NEFF_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/28/2024 22:40	65001 NEFF_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/28/2024 22:41	45802 HEGI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/28/2024 23:11	65001 NEFF_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/28/2024 23:24	44301 BEAV_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/28/2024 23:25	44301 BEAV_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/28/2024 23:26	44301 BEAV_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/29/2024 0:46	65001 NEFF_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/29/2024 1:17	65001 NEFF_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/29/2024 1:52	65001 NEFF_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/29/2024 5:06	53903 HAU_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/29/2024 5:31	65001 NEFF_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/29/2024 6:44	65001 NEFF_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/29/2024 6:50	65001 NEFF_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/29/2024 7:47	65001 NEFF_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/29/2024 7:55	45501 DERR_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/29/2024 7:57	46203 DANV_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/29/2024 8:07	13704 SCHN_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/29/2024 8:29	46101 MACI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/29/2024 8:41	24702 FLND_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/29/2024 8:45	40101 HUNT_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/29/2024 8:49	65205 PRIN_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/29/2024 8:56	65001 NEFF_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/29/2024 8:59	64702 LITI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/29/2024 9:00	53903 HAU_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/29/2024 9:00	62604 ENGL_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/29/2024 9:00	40603 PIGR_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/29/2024 9:00	58402 MORO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/29/2024 9:00	16101 BING_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/29/2024 9:00	46004 BERW_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/29/2024 9:00	50103 HARR_T3	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/29/2024 9:00	53501 EVIL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/29/2024 9:00	65205 PRIN_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/29/2024 9:00	67002 STHI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/29/2024 9:00	64702 LITI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/29/2024 9:00	41902 REED_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/29/2024 9:00	13704 SCHN_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/29/2024 9:00	54601 SUMM_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/29/2024 9:00	43001 ALWD_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/29/2024 9:00	40505 CRES_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/29/2024 9:00	10801 CHHI_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/29/2024 9:00	67402 WAKE_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/29/2024 9:00	47104 MARL_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/29/2024 9:00	66302 MCGO_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/29/2024 9:00	65001 NEFF_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/29/2024 9:00	45501 DERR_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/29/2024 9:00	12301 LANA_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/29/2024 9:00	24105 EHAZ_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/29/2024 9:01	53501 EVIL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/29/2024 9:02	59402 RFLD_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/29/2024 9:05	59402 RFLD_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/29/2024 9:06	59402 RFLD_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/29/2024 9:06	40502 CRES_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/29/2024 9:07	40101 HUNT_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/29/2024 9:07	59102 WALK_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/29/2024 9:07	60801 BUCK_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/29/2024 9:07	58003 WCAR_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/29/2024 9:07	47101 MARL_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/29/2024 9:08	29401 BELT_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/29/2024 9:08	43001 ALWD_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/29/2024 9:08	42903 MIDD_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/29/2024 9:08	60701 BREC_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/29/2024 9:10	45501 DERR_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/29/2024 9:17	59003 MIFF_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/29/2024 9:22	29402 BELT_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/29/2024 9:26	64702 LITI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/29/2024 9:32	20601 GRWO_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/29/2024 9:32	41902 REED_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/29/2024 9:36	29401 BELT_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/29/2024 9:36	43304 WATS_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/29/2024 9:37	43304 WATS_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/29/2024 9:38	56802 BENV_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/29/2024 9:39	56802 BENV_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/29/2024 9:39	46001 BERW_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/29/2024 9:40	43304 WATS_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/29/2024 9:41	56802 BENV_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/29/2024 9:41	46206 DANV_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/29/2024 9:43	40101 HUNT_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/29/2024 9:43	46206 DANV_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/29/2024 9:47	46702 RENO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/29/2024 9:49	56504 ROCK_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/29/2024 9:49	56504 ROCK_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/29/2024 9:49	14403 SSLA_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/29/2024 9:49	46302 ROHR_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/29/2024 9:50	56501 ROCK_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/29/2024 9:51	29401 BELT_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/29/2024 9:52	42201 SHEN_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/29/2024 9:52	44301 BEAV_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/29/2024 9:52	43304 WATS_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/29/2024 9:53	13704 SCHN_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/29/2024 9:53	14403 SSLA_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/29/2024 9:54	29402 BELT_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/29/2024 9:54	29401 BELT_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/29/2024 9:55	44301 BEAV_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/29/2024 9:56	11804 FRAN_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/29/2024 9:58	46101 MACI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/29/2024 9:58	46203 DANV_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/29/2024 10:00	58401 MORO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/29/2024 10:00	57304 MOAL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/29/2024 10:01	29401 BELT_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/29/2024 10:01	55002 NEWP_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/29/2024 10:02	43201 MVIL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/29/2024 10:02	57304 MOAL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/29/2024 10:04	13704 SCHN_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/29/2024 10:04	67002 STHI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/29/2024 10:05	57403 SPAN_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/29/2024 10:05	55002 NEWP_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/29/2024 10:05	64101 REPR_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/29/2024 10:05	54601 SUMM_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/29/2024 10:06	55002 NEWP_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/29/2024 10:06	67402 WAKE_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/29/2024 10:06	54601 SUMM_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/29/2024 10:07	56802 BENV_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/29/2024 10:07	15001 BLMO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/29/2024 10:07

2/29/2024 10:21	56501 ROCK_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/29/2024 10:21	43304 WATS_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/29/2024 10:21	67002 STHI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/29/2024 10:22	67502 WEWI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/29/2024 10:22	65001 NEFF_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/29/2024 10:23	67002 STHI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/29/2024 10:24	67502 WEWI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/29/2024 10:24	24902 WHWA_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/29/2024 10:24	56801 BENV_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/29/2024 10:25	17805 GILB_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/29/2024 10:26	56801 BENV_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/29/2024 10:26	10801 CHHI_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/29/2024 10:27	28604 BLYT_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/29/2024 10:27	17805 GILB_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/29/2024 10:28	64203 KINZ_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/29/2024 10:28	17805 GILB_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/29/2024 10:31	17802 GILB_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/29/2024 10:31	64301 LINC_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/29/2024 10:31	17805 GILB_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/29/2024 10:32	64802 MONE_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/29/2024 10:34	57401 SPAN_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/29/2024 10:36	57403 SPAN_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/29/2024 10:36	57401 SPAN_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/29/2024 10:36	56504 ROCK_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/29/2024 10:37	43001 ALWD_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/29/2024 10:37	57401 SPAN_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/29/2024 10:38	43304 WATS_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/29/2024 10:39	44301 BEAV_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/29/2024 10:39	43301 WATS_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/29/2024 10:39	53903 HALI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/29/2024 10:40	27502 WEIS_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/29/2024 10:40	60803 BUCK_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/29/2024 10:40	54504 ENOL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/29/2024 10:41	65001 NEFF_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/29/2024 10:43	54502 ENOL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/29/2024 10:46	46801 HEPB_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/29/2024 10:50	47401 PENS_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/29/2024 10:51	16302 ALPA_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/29/2024 10:51	67203 TEHI_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/29/2024 10:52	29401 BELT_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/29/2024 10:53	67605 WARW_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/29/2024 10:53	29401 BELT_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/29/2024 10:53	60701 BREC_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/29/2024 10:53	40602 PIGR_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/29/2024 10:54	40602 PIGR_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/29/2024 10:55	40602 PIGR_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/29/2024 10:55	16302 ALPA_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/29/2024 10:55	60201 ATGL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/29/2024 10:55	47401 PENS_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/29/2024 10:55	54505 ENOL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/29/2024 10:55	29401 BELT_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/29/2024 10:56	28704 HAML_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/29/2024 10:56	46203 DANV_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/29/2024 10:57	40101 HUNT_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/29/2024 10:57	16302 ALPA_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/29/2024 10:57	53501 EVIL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/29/2024 10:58	53903 HALI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/29/2024 10:58	53501 EVIL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/29/2024 10:59	40101 HUNT_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/29/2024 11:00	40101 HUNT_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/29/2024 11:01	54206 PENN_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/29/2024 11:02	40101 HUNT_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/29/2024 11:02	56501 ROCK_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/29/2024 11:02	54206 PENN_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/29/2024 11:03	55002 NEWP_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/29/2024 11:03	64301 LINC_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/29/2024 11:04	42601 TUSC_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/29/2024 11:05	67002 STHI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/29/2024 11:06	43304 WATS_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/29/2024 11:06	57403 SPAN_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/29/2024 11:06	55002 NEWP_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/29/2024 11:07	65001 NEFF_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/29/2024 11:07	57403 SPAN_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/29/2024 11:07	66703 STRA_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/29/2024 11:07	67002 STHI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/29/2024 11:07	46001 BERW_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/29/2024 11:08	46001 BERW_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/29/2024 11:08	67002 STHI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/29/2024 11:08	57403 SPAN_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/29/2024 11:08	57401 SPAN_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/29/2024 11:09	56501 ROCK_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/29/2024 11:09	60701 BREC_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/29/2024 11:09	46004 BERW_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/29/2024 11:10	26001 WDAM_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/29/2024 11:10	42601 TUSC_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/29/2024 11:11	54501 ENOL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/29/2024 11:11	54504 ENOL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/29/2024 11:11	54504 ENOL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/29/2024 11:12	54502 ENOL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/29/2024 11:12	27101 GFLD_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/29/2024 11:12	10805 CHHI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/29/2024 11:13	46004 BERW_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/29/2024 11:13	56501 ROCK_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/29/2024 11:13	54503 ENOL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/29/2024 11:13	53903 HALI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/29/2024 11:14	54502 ENOL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/29/2024 11:15	54503 ENOL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/29/2024 11:15	55105 WERT_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/29/2024 11:16	54505 ENOL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/29/2024 11:16	55002 NEWP_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/29/2024 11:16	56504 ROCK_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/29/2024 11:17	52004 LING_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/29/2024 11:17	52502 PROG_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/29/2024 11:18	46302 ROHR_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/29/2024 11:19	55002 NEWP_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/29/2024 11:19	54001 SDLE_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/29/2024 11:19	44601 SALE_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/29/2024 11:20	44601 SALE_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/29/2024 11:21	54001 SDLE_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/29/2024 11:22	46302 ROHR_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/29/2024 11:22	29401 BELT_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/29/2024 11:22	54001 SDLE_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/29/2024 11:23	67402 WAKE_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/29/2024 11:23	66703 STRA_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/29/2024 11:23	26001 WDAM_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/29/2024 11:24	57403 SPAN_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/29/2024 11:25	10602 BLGL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/29/2024 11:25	67402 WAKE_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/29/2024 11:28	56501 ROCK_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/29/2024 11:29	52004 LING_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/29/2024 11:30	56501 ROCK_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/29/2024 11:30	52502 PROG_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/29/2024 11:32	47802 MOCA_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/29/2024 11:32	47401 PENS_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/29/2024 11:33	65001 NEFF_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/29/2024 11:33	67203 TEHI_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/29/2024 11:34	56501 ROCK_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/29/2024 11:34	65205 PRIN_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/29/2024 11:34	48302 ORWI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/29/2024 11:34	57401 SPAN_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/29/2024 11:35	56501 ROCK_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/29/2024 11:35	64801 MONE_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/29/2024 11:35	57401 SPAN_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/29/2024 11:35	65001 NEFF_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/29/2024 11:35	64801 MONE_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/29/2024 11:35	67402 WAKE_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/29/2024 11:35	59402 RFLD_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/29/2024 11:36	67002 STHI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/29/2024 11:36	48302 ORWI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/29/2024 11:37	57403 SPAN_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/29/2024 11:37	47401 PENS_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/29/2024 11:37	67002 STHI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/29/2024 11:37	56501 ROCK_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/29/2024 11:37	57403 SPAN_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/29/2024 11:38	67402 WAKE_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/29/2024 11:38	43001 ALWD_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/29/2024 11:38	67002 STHI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/29/2024 11:38	24902 WHWA_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/29/2024 11:38	66703 STRA_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/29/2024 11:38	40603 PIGR_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/29/2024 11:39	67002 STHI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/29/2024 11:39	56501 ROCK_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/29/2024 11:39	67605 WARW_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/29/2024 11:39	57403 SPAN_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/29/2024 11:40	43001 ALWD_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/29/2024 11:40	67605 WARW_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/29/2024 11:40	28604 BLYT_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/29/2024 11:40	57403 SPAN_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/29/2024 11:40	59402 RFLD_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/29/2024 11:41	11804 FRAN_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/29/2024 11:42	53903 HALI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/29/2024 11:43	53903 HALI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/29/2024 11:43	54502 ENOL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/29/2024 11:44	20601 GRWD_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/29/2024 11:44	56501 ROCK_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/29/2024 11:45	53903 HALI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/29/2024 11:46	20601 GRWD_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/29/2024 11:48	47401 PENS_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/29/2024 11:49	67001 STHI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/29/2024 11:49	67002 STHI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/29/2024 11:49	59402 RFLD_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/29/2024 11:49	52502 PROG_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/29/2024 11:50	67002 STHI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/29/2024 11:50	65205 PRIN_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/29/2024 11:51	67002 STHI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/29/2024 11:51	59402 RFLD_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/29/2024 11:51	67001 STHI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/29/2024 11:51	56501 ROCK_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/29/2024 11:51	52502 PROG_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/29/2024 11:51	65001 NEFF_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/29/2024 11:52	56501 ROCK_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/29/2024 11:52	67002 STHI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/29/2024 11:53	67001 STHI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/29/2024 11:53	24902 WHWA_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/29/2024 11:53	43001 ALWD_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/29/2024 11:53	67001 STHI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/29/2024 11:54	40603 PIGR_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/29/2024 11:54	67002 STHI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/29/2024 11:54	53501 EVIL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/29/2024 11:55	54505 ENOL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0

2/29/2024 12:06	59402 RFLD_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
2/29/2024 12:07	67002 STHI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
2/29/2024 12:07	67002 STHI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
2/29/2024 12:07	59402 RFLD_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
2/29/2024 12:08	43001 ALWD_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
2/29/2024 12:08	67002 STHI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
2/29/2024 12:09	24902 WHHA_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
2/29/2024 12:09	67001 STHI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
2/29/2024 12:09	43001 ALWD_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
2/29/2024 12:10	67002 STHI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
2/29/2024 12:10	23901 EFMO_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
2/29/2024 12:12	28604 BLYT_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
2/29/2024 12:12	67605 WARW_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
2/29/2024 12:13	11804 FRAN_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
2/29/2024 12:13	20601 GRWO_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
2/29/2024 12:19	47401 PENS_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
2/29/2024 12:21	65001 NEFF_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
2/29/2024 12:22	54502 ENOL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
2/29/2024 12:23	58003 WCAR_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
2/29/2024 12:24	58003 WCAR_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
2/29/2024 12:25	20603 GRWO_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
2/29/2024 12:29	52202 DEVO_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
2/29/2024 12:34	53903 HALI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
2/29/2024 12:42	56601 HAMP_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
2/29/2024 12:42	44503 HAMI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
2/29/2024 12:43	53903 HALI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
2/29/2024 12:44	56601 HAMP_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
2/29/2024 12:50	53903 HALI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
2/29/2024 12:52	67605 WARW_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
2/29/2024 12:53	67402 WAKE_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
2/29/2024 12:54	67402 WAKE_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
2/29/2024 12:58	17804 GILB_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
2/29/2024 12:59	51604 DUKE_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
2/29/2024 13:03	65001 NEFF_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
2/29/2024 13:06	47401 PENS_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
2/29/2024 13:06	65004 NEFF_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
2/29/2024 13:07	66703 STRA_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
2/29/2024 13:12	43304 WATS_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
2/29/2024 13:18	67203 TEHI_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
2/29/2024 13:18	53803 MBRG_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
2/29/2024 13:18	52004 LING_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
2/29/2024 13:19	54701 NEBL_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
2/29/2024 13:19	56501 ROCK_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
2/29/2024 13:20	54701 NEBL_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
2/29/2024 13:24	65001 NEFF_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
2/29/2024 13:26	54505 ENOL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
2/29/2024 13:26	54501 ENOL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
2/29/2024 13:27	54501 ENOL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
2/29/2024 13:27	54505 ENOL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
2/29/2024 13:28	54502 ENOL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
2/29/2024 13:29	54503 ENOL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
2/29/2024 13:29	54501 ENOL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
2/29/2024 13:29	54504 ENOL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
2/29/2024 13:29	53501 EVIL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
2/29/2024 13:30	53501 EVIL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
2/29/2024 13:30	54505 ENOL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
2/29/2024 13:31	54502 ENOL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
2/29/2024 13:36	67402 WAKE_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
2/29/2024 13:38	67402 WAKE_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
2/29/2024 13:39	41601 CLEV_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
2/29/2024 13:39	65205 PRIN_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
2/29/2024 13:42	54505 ENOL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
2/29/2024 13:43	40101 HUNT_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
2/29/2024 13:44	40101 HUNT_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
2/29/2024 13:44	54505 ENOL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
2/29/2024 13:45	50506 MECH_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
2/29/2024 13:45	54504 ENOL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
2/29/2024 13:46	54501 ENOL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
2/29/2024 13:46	50506 MECH_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
2/29/2024 13:46	40101 HUNT_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
2/29/2024 13:46	52004 LING_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
2/29/2024 13:48	64203 KINZ_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
2/29/2024 13:48	47401 PENS_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
2/29/2024 13:48	40101 HUNT_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
2/29/2024 13:48	54501 ENOL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
2/29/2024 13:57	67605 WARW_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
2/29/2024 13:58	54505 ENOL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
2/29/2024 13:59	54505 ENOL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
2/29/2024 13:59	64203 KINZ_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
2/29/2024 14:00	64203 KINZ_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
2/29/2024 14:01	50506 MECH_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
2/29/2024 14:01	54505 ENOL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
2/29/2024 14:02	58402 MORO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
2/29/2024 14:03	54202 PENN_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
2/29/2024 14:04	50506 MECH_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
2/29/2024 14:05	66703 STRA_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
2/29/2024 14:07	44301 BEAV_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
2/29/2024 14:07	43001 ALWD_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
2/29/2024 14:07	28604 BLYT_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
2/29/2024 14:07	43304 WATS_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
2/29/2024 14:07	67002 STHI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
2/29/2024 14:08	43304 WATS_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
2/29/2024 14:08	67002 STHI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
2/29/2024 14:08	15001 BLMO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
2/29/2024 14:09	43301 WATS_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
2/29/2024 14:09	10705 CATA_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
2/29/2024 14:09	44301 BEAV_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
2/29/2024 14:09	43304 WATS_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
2/29/2024 14:09	15001 BLMO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
2/29/2024 14:09	16302 ALPA_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
2/29/2024 14:10	44302 BEAV_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
2/29/2024 14:10	44302 BEAV_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
2/29/2024 14:10	43001 ALWD_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
2/29/2024 14:10	43304 WATS_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
2/29/2024 14:10	54502 ENOL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
2/29/2024 14:10	16302 ALPA_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
2/29/2024 14:11	15001 BLMO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
2/29/2024 14:11	65001 NEFF_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
2/29/2024 14:11	16302 ALPA_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
2/29/2024 14:11	67605 WARW_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
2/29/2024 14:12	10602 BLGL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
2/29/2024 14:12	15604 NSTR_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
2/29/2024 14:12	53903 HALI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
2/29/2024 14:12	54505 ENOL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
2/29/2024 14:12	54504 ENOL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
2/29/2024 14:13	54502 ENOL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
2/29/2024 14:13	54503 ENOL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
2/29/2024 14:13	54503 ENOL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
2/29/2024 14:13	53903 HALI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
2/29/2024 14:13	56601 HAMP_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
2/29/2024 14:14	54503 ENOL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
2/29/2024 14:14	54501 ENOL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
2/29/2024 14:14	54501 ENOL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
2/29/2024 14:14	52202 DEVO_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
2/29/2024 14:15	54502 ENOL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
2/29/2024 14:15	54505 ENOL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
2/29/2024 14:15	52502 PROG_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
2/29/2024 14:16	40101 HUNT_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
2/29/2024 14:16	54504 ENOL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
2/29/2024 14:16	54504 ENOL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
2/29/2024 14:16	59003 MIFF_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
2/29/2024 14:17	64801 MONE_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
2/29/2024 14:17	54505 ENOL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
2/29/2024 14:17	40101 HUNT_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
2/29/2024 14:17	16101 BING_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
2/29/2024 14:17	58401 MORO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
2/29/2024 14:18	58401 MORO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
2/29/2024 14:18	64802 MONE_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
2/29/2024 14:18	58402 MORO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
2/29/2024 14:18	25503 MADI_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
2/29/2024 14:19	57401 SPAN_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
2/29/2024 14:19	58401 MORO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
2/29/2024 14:20	50701 SMEC_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
2/29/2024 14:20	67001 STHI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
2/29/2024 14:20	57401 SPAN_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
2/29/2024 14:20	58402 MORO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
2/29/2024 14:21	57401 SPAN_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
2/29/2024 14:21	58302 NOTT_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
2/29/2024 14:21	67002 STHI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
2/29/2024 14:21	50701 SMEC_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
2/29/2024 14:21	67002 STHI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
2/29/2024 14:21	66703 STRA_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
2/29/2024 14:21	26001 WDAM_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
2/29/2024 14:22	57401 SPAN_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
2/29/2024 14:22	57403 SPAN_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
2/29/2024 14:22	67002 STHI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
2/29/2024 14:22	50701 SMEC_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
2/29/2024 14:22	16302 ALPA_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
2/29/2024 14:23	43001 ALWD_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
2/29/2024 14:23	56501 ROCK_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
2/29/2024 14:23	67402 WAKE_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
2/29/2024 14:23	44301 BEAV_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
2/29/2024 14:23	67002 STHI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
2/29/2024 14:23	57401 SPAN_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
2/29/2024 14:24	67002 STHI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
2/29/2024 14:24	43301 WATS_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
2/29/2024 14:24	43301 WATS_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
2/29/2024 14:24	42601 TUSC_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
2/29/2024 14:24	56504 ROCK_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
2/29/2024 14:24	67001 STHI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
2/29/2024 14:24	57403 SPAN_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
2/29/2024 14:24	57402 SPAN_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
2/29/2024 14:24	15001 BLMO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
2/29/2024 14:25	15001 BLMO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
2/29/2024 14:25	67002 STHI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
2/29/2024 14:25	60201 ATGL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
2/29/2024 14:25	16302 ALPA_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
2/29/2024 14:25	44301 BEAV_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
2/29/2024 14:25	60803 BUCK_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
2/29/2024 14:26	46702 RENO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
2/29/2024 14:26	41601 CLEV_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
2/29/2024 14:26	10705 CATA_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
2/29/2024 14:26	54502 ENOL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
2/29/2024 14:26	43001 ALWD_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
2/29/2024 14:27	40101 HUNT_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
2/29/2024 14:27	67605 WARW_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
2/29/2024 14:27	16302 ALPA_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
2/29/2024 14:27	40902 JESH_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
2/29/2024 14:27	15001 BLMO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
2/29/2024 14:28	54502 ENOL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
2/29/2024 14:28	42903 MIDD_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
2/29/2024 14:28	53903 HALI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
2/29/2024 14:29	54503 ENOL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
2/29/2024 14:29	53903 HALI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
2/29/2024 14:29	42903 MIDD_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
2/29/2024 14:30	54501 ENOL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
2/29/2024 14:30	64203 KINZ_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
2/29/2024 14:30	54501 ENOL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
2/29/2024 14:30	40101 HUNT_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
2/29/2024 14:31	52004 LING_T2	0	0

Appendix C - Grid Benefits Achieved in Each Instance of Active Management

2/29/2024 14:37	57403 SPAN_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/29/2024 14:37	46702 RENO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/29/2024 14:37	66504 SMAN_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/29/2024 14:37	40603 PIGR_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/29/2024 14:37	67605 WARW_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/29/2024 14:38	17804 GILB_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/29/2024 14:38	56501 ROCK_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/29/2024 14:38	57403 SPAN_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/29/2024 14:38	66505 SMAN_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/29/2024 14:38	67402 WAKE_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/29/2024 14:39	43304 WATS_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/29/2024 14:39	15001 BLMO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/29/2024 14:39	67605 WARW_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/29/2024 14:39	67402 WAKE_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/29/2024 14:40	43301 WATS_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/29/2024 14:40	42902 MIDD_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/29/2024 14:41	60803 BUCK_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/29/2024 14:41	15001 BLMO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/29/2024 14:42	23901 EFMO_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/29/2024 14:43	53903 HAU_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/29/2024 14:43	40101 HUNT_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/29/2024 14:43	40902 JESH_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/29/2024 14:44	54503 ENOL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/29/2024 14:44	46801 HEPB_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/29/2024 14:45	53903 HAU_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/29/2024 14:45	54503 ENOL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/29/2024 14:46	54505 ENOL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/29/2024 14:46	64203 KINZ_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/29/2024 14:46	47802 MOCA_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/29/2024 14:46	54501 ENOL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/29/2024 14:46	40101 HUNT_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/29/2024 14:47	40101 HUNT_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/29/2024 14:47	52004 LING_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/29/2024 14:48	52004 LING_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/29/2024 14:48	65001 NEFF_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/29/2024 14:48	47401 PENS_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/29/2024 14:49	16101 BING_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/29/2024 14:49	52004 LING_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/29/2024 14:49	58401 MORO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/29/2024 14:49	64802 MONE_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/29/2024 14:49	65001 NEFF_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/29/2024 14:49	64801 MONE_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/29/2024 14:52	47401 PENS_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/29/2024 14:52	60201 ATGL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/29/2024 14:53	57402 SPAN_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/29/2024 14:53	67002 STHI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/29/2024 14:53	40603 PIGR_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/29/2024 14:53	15001 BLMO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/29/2024 14:53	65001 NEFF_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/29/2024 14:54	57403 SPAN_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/29/2024 14:54	57401 SPAN_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/29/2024 14:54	67002 STHI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/29/2024 14:54	43304 WATS_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/29/2024 14:55	28604 BLYT_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/29/2024 14:55	15001 BLMO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/29/2024 14:56	15001 BLMO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/29/2024 14:57	60201 ATGL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/29/2024 14:57	54505 ENOL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/29/2024 14:58	54502 ENOL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/29/2024 14:58	23901 EFMO_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/29/2024 14:59	54505 ENOL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/29/2024 15:00	54502 ENOL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/29/2024 15:01	54505 ENOL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/29/2024 15:01	54505 ENOL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/29/2024 15:06	15704 TANN_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/29/2024 15:08	40603 PIGR_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/29/2024 15:10	43001 ALWD_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/29/2024 15:11	41801 GOCI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/29/2024 15:13	43001 ALWD_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/29/2024 15:14	45802 HEGI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/29/2024 15:14	10805 CHNI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/29/2024 15:14	43001 ALWD_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/29/2024 15:19	46702 RENO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/29/2024 15:20	59202 THOM_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/29/2024 15:21	56504 ROCK_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/29/2024 15:23	29401 BELT_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/29/2024 15:23	59202 THOM_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/29/2024 15:25	42501 ALTA_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/29/2024 15:30	56601 HAMP_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/29/2024 15:35	45402 WILO_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/29/2024 15:45	40101 HUNT_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/29/2024 15:46	65001 NEFF_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/29/2024 15:51	59202 THOM_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/29/2024 15:54	41601 CLEV_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/29/2024 15:56	40603 PIGR_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/29/2024 15:56	65201 PRIN_T4	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/29/2024 15:56	41601 CLEV_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/29/2024 16:01	40101 HUNT_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/29/2024 16:01	59003 MIFF_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/29/2024 16:10	24902 WHHA_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/29/2024 16:13	10705 CATA_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/29/2024 16:22	65001 NEFF_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/29/2024 16:34	43202 MVIL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/29/2024 16:35	43202 MVIL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/29/2024 16:36	43202 MVIL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/29/2024 16:42	65001 NEFF_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/29/2024 17:00	40101 HUNT_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/29/2024 17:10	65205 PRIN_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/29/2024 17:16	40101 HUNT_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/29/2024 17:20	65001 NEFF_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/29/2024 17:32	10805 CHNI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/29/2024 17:36	53601 DALM_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/29/2024 18:03	59202 THOM_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/29/2024 18:07	65001 NEFF_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/29/2024 18:17	48302 ORWI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/29/2024 19:05	65001 NEFF_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/29/2024 19:50	62607 ENGL_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/29/2024 19:52	28704 HAML_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/29/2024 19:52	46302 ROHR_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/29/2024 19:52	29402 BELT_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/29/2024 19:52	65201 PRIN_T4	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/29/2024 19:53	16101 BING_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/29/2024 19:53	15604 NSTR_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/29/2024 19:54	10602 BLGL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/29/2024 19:55	17805 GILB_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/29/2024 19:55	15704 TANN_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/29/2024 19:56	29401 BELT_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/29/2024 19:56	27502 WEIS_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/29/2024 19:56	16302 ALPA_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/29/2024 19:57	64702 LITI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/29/2024 19:57	27101 GFLD_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/29/2024 19:57	25601 GRWD_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/29/2024 19:57	17802 GILB_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/29/2024 19:58	66504 SMAN_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/29/2024 19:58	29401 BELT_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/29/2024 19:58	52004 LING_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/29/2024 19:58	67002 STHI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/29/2024 19:58	20403 ASHF_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/29/2024 19:59	44601 SALE_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/29/2024 19:59	40101 HUNT_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/29/2024 19:59	40602 PIGR_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/29/2024 19:59	56802 BENV_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/29/2024 19:59	17805 GILB_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/29/2024 19:59	47802 MOCA_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/29/2024 19:59	16302 ALPA_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/29/2024 19:59	17802 GILB_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/29/2024 19:59	29402 BELT_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/29/2024 19:59	60701 BREC_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/29/2024 20:00	15001 BLMO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/29/2024 20:00	46101 MACI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/29/2024 20:00	48302 ORWI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/29/2024 20:00	58401 MORO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/29/2024 20:00	41801 GOCI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/29/2024 20:00	40101 HUNT_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/29/2024 20:00	17805 GILB_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/29/2024 20:00	64203 KINZ_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/29/2024 20:00	67002 STHI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/29/2024 20:01	55002 NEWP_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/29/2024 20:01	67502 WEWI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/29/2024 20:01	46302 ROHR_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/29/2024 20:01	24902 WHHA_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/29/2024 20:01	67002 STHI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/29/2024 20:01	16302 ALPA_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/29/2024 20:01	25503 MADI_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/29/2024 20:01	10705 CATA_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/29/2024 20:01	64702 LITI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/29/2024 20:02	41801 GOCI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/29/2024 20:02	52502 PROG_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/29/2024 20:02	48302 ORWI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/29/2024 20:02	57304 MOAL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/29/2024 20:02	57401 SPAN_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/29/2024 20:02	10805 CHNI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/29/2024 20:02	54601 SUMM_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/29/2024 20:02	54504 ENOL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/29/2024 20:02	14403 SSLA_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/29/2024 20:02	17802 GILB_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/29/2024 20:02	40101 HUNT_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/29/2024 20:02	16302 ALPA_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/29/2024 20:02	40603 PIGR_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/29/2024 20:02	42601 TUSC_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/29/2024 20:03	53903 HAU_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/29/2024 20:03	64301 LINC_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/29/2024 20:03	40101 HUNT_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/29/2024 20:03	29401 BELT_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/29/2024 20:03	26001 WDAM_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/29/2024 20:03	67001 STHI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/29/2024 20:03	57403 SPAN_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/29/2024 20:03	46001 BERW_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/29/2024 20:03	57401 SPAN_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/29/2024 20:03	67503 WEWI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/29/2024 20:03	42601 TUSC_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/29/2024 20:03	46206 DANV_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/29/2024 20:03	67002 STHI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/29/2024 20:03	56802 BENV_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/29/2024 20:03	17805 GILB_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/29/2024 20:03	48302 ORWI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/29/2024 20:03	15001 BLMO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/29/2024 20:03	10705 CATA_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/29/2024 20:03	65205 PRIN_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/29/2024 20:04	43001 ALWD_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/29/2024 20:04	57401 SP

2/29/2024 20:06	56801 BENV_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/29/2024 20:06	17802 GILB_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/29/2024 20:06	43304 WATS_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/29/2024 20:06	43202 MVIL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/29/2024 20:06	43304 WATS_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/29/2024 20:06	42201 SHEN_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/29/2024 20:06	44301 BEAV_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/29/2024 20:06	45501 DERR_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/29/2024 20:06	46203 DANV_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/29/2024 20:06	41601 CLEV_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/29/2024 20:06	40603 PIGR_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/29/2024 20:07	46203 DANV_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/29/2024 20:07	60201 ATGL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/29/2024 20:07	44302 BEAV_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/29/2024 20:07	57403 SPAN_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/29/2024 20:07	50506 MECH_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/29/2024 20:07	13704 SCHN_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/29/2024 20:07	43304 WATS_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/29/2024 20:07	10801 CHHI_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/29/2024 20:07	67502 WEWI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/29/2024 20:07	47401 PENS_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/29/2024 20:07	63802 HEMP_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/29/2024 20:07	64203 KINZ_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/29/2024 20:08	54503 ENOL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/29/2024 20:08	67402 WAKE_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/29/2024 20:08	43001 ALWD_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/29/2024 20:08	56601 HAMP_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/29/2024 20:08	46206 DANV_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/29/2024 20:08	58401 MORO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/29/2024 20:08	20403 ASHF_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/29/2024 20:08	46801 HEPB_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/29/2024 20:08	45802 HEGI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/29/2024 20:08	54501 ENOL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/29/2024 20:08	53501 EVIL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/29/2024 20:08	44301 BEAV_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/29/2024 20:08	65001 NEFF_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/29/2024 20:08	52004 LING_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/29/2024 20:08	67605 WARW_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/29/2024 20:08	41601 CLEV_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/29/2024 20:08	23901 EFMO_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/29/2024 20:08	66703 STRA_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/29/2024 20:08	67002 STHI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/29/2024 20:08	45402 WBLO_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/29/2024 20:08	57401 SPAN_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/29/2024 20:09	60701 BREC_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/29/2024 20:09	14403 SSLA_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/29/2024 20:09	67502 WEWI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/29/2024 20:09	46001 BERW_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/29/2024 20:09	54206 PENN_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/29/2024 20:09	43304 WATS_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/29/2024 20:09	57403 SPAN_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/29/2024 20:09	13704 SCHN_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/29/2024 20:09	51604 DUKE_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/29/2024 20:09	56802 BENV_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/29/2024 20:09	58401 MORO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/29/2024 20:09	67002 STHI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/29/2024 20:09	46004 BERW_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/29/2024 20:09	43202 MVIL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/29/2024 20:09	53903 HALI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/29/2024 20:09	66505 SMAN_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/29/2024 20:10	67402 WAKE_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/29/2024 20:10	56601 HAMP_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/29/2024 20:10	46001 BERW_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/29/2024 20:10	42902 MIDD_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/29/2024 20:10	54601 SUMM_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/29/2024 20:10	42902 MIDD_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/29/2024 20:10	45501 DERR_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/29/2024 20:10	43304 WATS_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/29/2024 20:10	64802 MONE_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/29/2024 20:10	43202 MVIL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/29/2024 20:10	54503 ENOL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/29/2024 20:10	50506 MECH_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/29/2024 20:10	57403 SPAN_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/29/2024 20:10	47401 PENS_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/29/2024 20:11	54501 ENOL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/29/2024 20:11	40602 PIGR_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/29/2024 20:11	13704 SCHN_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/29/2024 20:11	54505 ENOL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/29/2024 20:11	56802 BENV_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/29/2024 20:11	15001 BLMO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/29/2024 20:11	54001 SDLE_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/29/2024 20:11	57304 MOAL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/29/2024 20:11	58402 MORO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/29/2024 20:11	58302 NOTT_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/29/2024 20:12	43001 ALWD_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/29/2024 20:12	47401 PENS_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/29/2024 20:12	50506 MECH_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/29/2024 20:12	57403 SPAN_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/29/2024 20:12	41902 REED_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/29/2024 20:12	67001 STHI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/29/2024 20:13	40902 JESH_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/29/2024 20:13	54001 SDLE_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/29/2024 20:13	46702 RENO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/29/2024 20:13	46001 BERW_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/29/2024 20:13	41801 GOCI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/29/2024 20:13	59003 MIFF_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/29/2024 20:13	40101 HUNT_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/29/2024 20:13	54503 ENOL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/29/2024 20:13	47401 PENS_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/29/2024 20:13	56801 BENV_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/29/2024 20:14	57403 SPAN_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/29/2024 20:14	53501 EVIL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/29/2024 20:14	56802 BENV_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/29/2024 20:14	46302 ROHR_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/29/2024 20:14	54504 ENOL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/29/2024 20:14	54001 SDLE_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/29/2024 20:14	54601 SUMM_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/29/2024 20:15	44301 BEAV_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/29/2024 20:15	58401 MORO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/29/2024 20:15	54502 ENOL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/29/2024 20:15	40101 HUNT_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/29/2024 20:15	42903 MIDD_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/29/2024 20:16	56802 BENV_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/29/2024 20:17	43304 WATS_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/29/2024 20:17	46004 BERW_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/29/2024 20:18	54206 PENN_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/29/2024 20:21	57402 SPAN_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/29/2024 20:27	42501 ALTA_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/29/2024 20:28	57401 SPAN_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/29/2024 20:32	53903 HALI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/29/2024 20:33	57401 SPAN_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/29/2024 20:36	10805 CHHI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/29/2024 20:37	57401 SPAN_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/29/2024 21:06	65001 NEFF_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/29/2024 21:07	56504 ROCK_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/29/2024 21:07	56504 ROCK_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/29/2024 21:09	56501 ROCK_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/29/2024 21:11	56501 ROCK_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/29/2024 21:12	56501 ROCK_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/29/2024 21:34	67002 STHI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/29/2024 21:47	54502 ENOL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/29/2024 22:09	65001 NEFF_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/29/2024 22:26	54502 ENOL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/29/2024 22:30	65001 NEFF_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/29/2024 22:56	17804 GILB_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/29/2024 23:10	43304 WATS_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2/29/2024 23:28	65001 NEFF_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/1/2024 0:19	65003 NEFF_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/1/2024 0:41	65005 NEFF_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/1/2024 1:33	65004 NEFF_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/1/2024 1:42	40101 HUNT_T2	1	0	-1	0.5	0	-0.5	0	0	0	0	0	0	0	0
3/1/2024 1:44	65003 NEFF_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/1/2024 2:05	53602 DALM_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/1/2024 2:53	65001 NEFF_T2	12	17	5	0.13	0.14	0.01	0	0	0	0	0	0	0	0
3/1/2024 4:37	65001 NEFF_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/1/2024 5:25	65002 NEFF_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/1/2024 6:07	65002 NEFF_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/1/2024 6:12	59201 THOM_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/1/2024 6:28	65002 NEFF_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/1/2024 6:59	65005 NEFF_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/1/2024 7:41	65001 NEFF_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/1/2024 7:55	45501 DERR_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/1/2024 8:05	13701 SCHN_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/1/2024 8:13	40101 HUNT_T2	407	313	-94	1.38	0.93	-0.45	0	0	0	0	0	0	0	0
3/1/2024 8:15	46803 HEPB_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/1/2024 8:17	65005 NEFF_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/1/2024 8:18	59002 MIFF_T1	0	3	3	0	0.23	0.23	0	0	0	0	0	0	0	0
3/1/2024 8:22	29401 BELT_T1	0	62	62	0	0.35	0.35	0	0	0	0	0	0	0	0
3/1/2024 8:22	29401 BELT_T1	0	62	62	0	0.35	0.35	0	0	0	0	0	0	0	0
3/1/2024 8:26	29402 BELT_T1	1	4	3	7.1	2.28	-4.82	0	0	0	0	0	0	0	0
3/1/2024 8:44	63304 GREE_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/1/2024 8:45	40101 HUNT_T2	197	173	-24	0.69	0.47	-0.22	0	0	0	0	0	0	0	0
3/1/2024 8:48	63304 GREE_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/1/2024 8:52	56501 ROCK_T2	217	118	-99	0.33	0.24	-0.09	0	0	0	0	0	0	0	0
3/1/2024 8:58	46201 DANV_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/1/2024 9:00	67503 WEWI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/1/2024 9:00	12303 LANA_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/1/2024 9:00	65005 NEFF_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/1/2024 9:00	54603 SUMM_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/1/2024 9:00	24102 EHAZ_T1	2	6	4	0.5	0.8	0.3	0	0	0	0	0	0	0	0
3/1/2024 9:00	42903 MIDD_T2	3	60	57	1.37	0.34	-1.03	0	0	0	0	0	0	0	0
3/1/2024 9:00	56501 ROCK_T2	115	41	-74	0.24	0.2	-0.04	0	0	0	0	0	0	0	0
3/1/2024 9:00	17803 GILB_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/1/2024 9:00	56603 HAMP_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/1/2024 9:00	45501 DERR_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/1/2024 9:00	67605 WARW_T1	4	29	25	0.28	0.45	0.17	0	0	0	0	0	0	0	0
3/1/2024 9:00	16103 BING_T2	0	1	1	0	0.1	0.1	0	0	0	0	0	0	0	0
3/1/2024 9:00	29402 BELT_T1	2	2	0	4.1	3.8	-0.3	0	0	0	0	0	0	0	0
3/1/2024 9:00	47104 MARL_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/1/2024 9:00	41902 REED_T1	1	0	-1	0.2	0	-0.2	0	0	0	0	0	0	0	0
3/1/2024 9:00	59201 THOM_T1	1	1	0	0.3	0.5	0.2	0	0	0	0	0	0	0	0
3/1/2024 9:00	53902 HALI_T2	1	1	0	5.9	5.9	0	0	0	0	0	0	0	0	0
3/1/2024 9:00	40603 PIGR_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/1/2024 9:00	40503 CRES_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/1/2024 9:00	43304 WATS_T2	0	1	1	0	0	0	0	0	0	0	0	0	0	0
3/1/2024 9:00	66302 MCGO_T2	1	1	0	0.2	0.8	0.6	0	0	0	0	0	0	0	0
3/1/2024 9:00	60801 BUCK_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/1/2024 9:00	60701 BREC_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/1/2024 9:00	47104 MARL_T1	0	0	0	0	0	0	0	0	0	0	0

Appendix C - Grid Benefits Achieved in Each Instance of Active Management

3/1/2024 9:26	29401 BELT_T1	27	39	12	0.17	0.25	0.08	0	0	0	0	0	0	0	0
3/1/2024 9:26	29402 BELT_T1	2	2	0	3.7	3.9	0.2	0	0	0	0	0	0	0	0
3/1/2024 9:37	56802 BENV_T2	81	154	73	0.24	0.3	0.06	0	0	0	0	0	0	0	0
3/1/2024 9:38	43304 WATS_T2	1	0	-1	0.1	0	-0.1	0	0	0	0	0	0	0	0
3/1/2024 9:38	16302 ALPA_T2	3	4	1	0.3	0.38	0.08	0	0	0	0	0	0	0	0
3/1/2024 9:38	56802 BENV_T2	81	154	73	0.24	0.3	0.06	0	0	0	0	0	0	0	0
3/1/2024 9:39	56802 BENV_T2	81	154	73	0.24	0.3	0.06	0	0	0	0	0	0	0	0
3/1/2024 9:40	44301 BEAV_T2	1	3	2	1.2	0.1	-1.1	0	0	0	0	0	0	0	0
3/1/2024 9:40	16302 ALPA_T2	3	4	1	0.3	0.38	0.08	0	0	0	0	0	0	0	0
3/1/2024 9:40	43302 WATS_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/1/2024 9:41	43301 WATS_T2	0	1	1	0	0.1	0.1	0	0	0	0	0	0	0	0
3/1/2024 9:41	46206 DANV_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/1/2024 9:42	54504 ENOL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/1/2024 9:42	16302 ALPA_T2	3	4	1	0.3	0.38	0.08	0	0	0	0	0	0	0	0
3/1/2024 9:42	56802 BENV_T2	81	154	73	0.24	0.3	0.06	0	0	0	0	0	0	0	0
3/1/2024 9:43	54503 ENOL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/1/2024 9:43	56802 BENV_T2	81	154	73	0.24	0.3	0.06	0	0	0	0	0	0	0	0
3/1/2024 9:45	40101 HUNT_T2	7	20	13	0.46	0.25	-0.21	0	0	0	0	0	0	0	0
3/1/2024 9:45	46101 MACI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/1/2024 9:48	43201 MVIL_T2	0	1	1	0	0.3	0.3	0	0	0	0	0	0	0	0
3/1/2024 9:49	41902 REED_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/1/2024 9:51	46302 ROHR_T1	2	4	2	1.6	1.18	-0.42	0	0	0	0	0	0	0	0
3/1/2024 9:51	46702 RENO_T1	1	2	1	0.2	0.15	-0.05	0	0	0	0	0	0	0	0
3/1/2024 9:52	29402 BELT_T1	2	3	1	3.9	2.9	-1	0	0	0	0	0	0	0	0
3/1/2024 9:53	46301 ROHR_T1	0	1	1	0	0.2	0.2	0	0	0	0	0	0	0	0
3/1/2024 9:53	67401 WAKE_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/1/2024 9:54	29402 BELT_T1	2	3	1	3.9	2.9	-1	0	0	0	0	0	0	0	0
3/1/2024 9:55	45501 DERR_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/1/2024 9:58	40101 HUNT_T2	7	20	13	0.46	0.25	-0.21	0	0	0	0	0	0	0	0
3/1/2024 10:02	54204 PENN_T2	2	2	0	0.25	0.25	0	0	0	0	0	0	0	0	0
3/1/2024 10:02	57306 MOAL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/1/2024 10:02	40602 PIGR_T1	1	1	0	0.1	0.5	0.4	0	0	0	0	0	0	0	0
3/1/2024 10:03	57303 MOAL_T2	1	1	0	7	6.8	-0.2	0	0	0	0	0	0	0	0
3/1/2024 10:04	55002 NEWP_T1	13	13	0	0.84	1	0.16	0	0	0	0	0	0	0	0
3/1/2024 10:04	64801 MONE_T2	20	32	12	0.33	0.4	0.07	0	0	0	0	0	0	0	0
3/1/2024 10:05	55002 NEWP_T1	13	13	0	0.84	1	0.16	0	0	0	0	0	0	0	0
3/1/2024 10:06	54204 PENN_T2	2	2	0	0.25	0.25	0	0	0	0	0	0	0	0	0
3/1/2024 10:06	47402 PENS_T1	1	1	0	0.2	0.2	0	0	0	0	0	0	0	0	0
3/1/2024 10:06	67502 WEWI_T2	2	3	1	1.05	0.87	-0.18	0	0	0	0	0	0	0	0
3/1/2024 10:08	20403 ASHF_T2	3	14	11	0.57	0.41	-0.16	0	0	0	0	0	0	0	0
3/1/2024 10:09	20403 ASHF_T2	3	14	11	0.57	0.41	-0.16	0	0	0	0	0	0	0	0
3/1/2024 10:09	67502 WEWI_T2	2	3	1	1.05	0.87	-0.18	0	0	0	0	0	0	0	0
3/1/2024 10:09	67503 WEWI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/1/2024 10:09	43303 WATS_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/1/2024 10:09	29402 BELT_T1	2	3	1	4.05	3.07	-0.98	0	0	0	0	0	0	0	0
3/1/2024 10:09	13704 SCHN_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/1/2024 10:10	29402 BELT_T1	2	3	1	4.05	3.07	-0.98	0	0	0	0	0	0	0	0
3/1/2024 10:10	67603 WARW_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/1/2024 10:11	67605 WARW_T1	42	54	12	0.4	0.55	0.15	0	0	0	0	0	0	0	0
3/1/2024 10:11	17803 GILB_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/1/2024 10:12	43001 ALWD_T1	1	8	7	0.5	0.23	-0.27	0	0	0	0	0	0	0	0
3/1/2024 10:12	29401 BELT_T1	29	38	9	0.19	0.18	-0.01	0	0	0	0	0	0	0	0
3/1/2024 10:13	10801 CHHI_T1	0	4	4	0	0.2	0.2	0	0	0	0	0	0	0	0
3/1/2024 10:14	50106 HARR_T3	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/1/2024 10:15	26803 JAFR_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/1/2024 10:15	42902 MIDD_T2	34	36	2	0.35	0.35	0	0	0	0	0	0	0	0	0
3/1/2024 10:15	64802 MONE_T2	4	16	12	0.4	0.32	-0.08	0	0	0	0	0	0	0	0
3/1/2024 10:17	47001 HUGH_T2	1	1	0	0.6	0.5	-0.1	0	0	0	0	0	0	0	0
3/1/2024 10:19	56503 ROCK_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/1/2024 10:20	58402 MORO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/1/2024 10:20	65004 NEFF_T2	1	2	1	0.5	0.4	-0.1	0	0	0	0	0	0	0	0
3/1/2024 10:21	53101 WTWN_T1	0	1	1	0	0.2	0.2	0	0	0	0	0	0	0	0
3/1/2024 10:21	54504 ENOL_T2	0	2	2	0	0.3	0.3	0	0	0	0	0	0	0	0
3/1/2024 10:21	67604 WARW_T1	0	1	1	0	0.2	0.2	0	0	0	0	0	0	0	0
3/1/2024 10:22	54502 ENOL_T2	2	3	1	0.45	0.4	-0.05	0	0	0	0	0	0	0	0
3/1/2024 10:22	42202 SHEN_T2	4	2	-2	0.88	0.3	-0.58	0	0	0	0	0	0	0	0
3/1/2024 10:22	67502 WEWI_T2	3	3	0	0.77	0.97	0.2	0	0	0	0	0	0	0	0
3/1/2024 10:23	44302 BEAV_T2	10	14	4	0.45	0.55	0.1	0	0	0	0	0	0	0	0
3/1/2024 10:23	10801 CHHI_T1	2	3	1	0.1	0.23	0.13	0	0	0	0	0	0	0	0
3/1/2024 10:25	54505 ENOL_T2	2	2	0	0.85	1	0.15	0	0	0	0	0	0	0	0
3/1/2024 10:25	67502 WEWI_T2	3	3	0	0.77	0.97	0.2	0	0	0	0	0	0	0	0
3/1/2024 10:25	54501 ENOL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/1/2024 10:26	15001 BLMO_T1	1	3	2	0.3	0.47	0.17	0	0	0	0	0	0	0	0
3/1/2024 10:26	54505 ENOL_T2	2	2	0	0.85	1	0.15	0	0	0	0	0	0	0	0
3/1/2024 10:27	54501 ENOL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/1/2024 10:27	54503 ENOL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/1/2024 10:28	50107 HARR_T3	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/1/2024 10:28	54503 ENOL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/1/2024 10:28	54503 ENOL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/1/2024 10:29	50102 HARR_T3	8	15	7	0.23	0.21	-0.02	0	0	0	0	0	0	0	0
3/1/2024 10:29	54506 ENOL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/1/2024 10:29	53902 HALI_T2	1	2	1	5.7	3	-2.7	0	0	0	0	0	0	0	0
3/1/2024 10:29	65005 NEFF_T2	1	1	0	0.5	0.6	0.1	0	0	0	0	0	0	0	0
3/1/2024 10:29	17802 GILB_T1	2	2	0	0.8	0.9	0.1	0	0	0	0	0	0	0	0
3/1/2024 10:29	47802 MOCA_T2	0	1	1	0	0.7	0.7	0	0	0	0	0	0	0	0
3/1/2024 10:30	54503 ENOL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/1/2024 10:30	53901 HALI_T2	2	2	0	0.4	0.65	0.25	0	0	0	0	0	0	0	0
3/1/2024 10:31	54505 ENOL_T2	2	2	0	1	1.15	0.15	0	0	0	0	0	0	0	0
3/1/2024 10:31	54503 ENOL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/1/2024 10:31	64702 LITI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/1/2024 10:32	40603 PIGR_T1	1	1	0	0.3	0.5	0.2	0	0	0	0	0	0	0	0
3/1/2024 10:32	53901 HALI_T2	2	2	0	0.4	0.65	0.25	0	0	0	0	0	0	0	0
3/1/2024 10:32	54204 PENN_T2	2	1	-1	0.25	0.1	-0.15	0	0	0	0	0	0	0	0
3/1/2024 10:33	47403 PENS_T1	3	7	4	0.4	0.57	0.17	0	0	0	0	0	0	0	0
3/1/2024 10:33	52502 PROG_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/1/2024 10:33	40602 PIGR_T1	1	3	2	0.2	0.63	0.43	0	0	0	0	0	0	0	0
3/1/2024 10:34	54204 PENN_T2	2	1	-1	0.25	0.1	-0.15	0	0	0	0	0	0	0	0
3/1/2024 10:36	47401 PENS_T1	21	23	2	0.31	0.37	0.06	0	0	0	0	0	0	0	0
3/1/2024 10:36	56504 ROCK_T2	0	2	2	0	0.15	0.15	0	0	0	0	0	0	0	0
3/1/2024 10:36	43303 WATS_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/1/2024 10:36	40601 PIGR_T1	103	64	-39	0.23	0.25	0.02	0	0	0	0	0	0	0	0
3/1/2024 10:36	67204 TEHI_T2	1	2	1	0.6	0.45	-0.15	0	0	0	0	0	0	0	0
3/1/2024 10:36	54206 PENN_T2	49	8	-41	0.16	0.29	0.13	0	0	0	0	0	0	0	0
3/1/2024 10:37	67501 WEWI_T1	2	3	1	0.4	0.37	-0.03	0	0	0	0	0	0	0	0
3/1/2024 10:37	43303 WATS_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/1/2024 10:38	54206 PENN_T2	49	8	-41	0.16	0.29	0.13	0	0	0	0	0	0	0	0
3/1/2024 10:38	29401 BELT_T1	30	28	-2	0.17	0.18	0.01	0	0	0	0	0	0	0	0
3/1/2024 10:38	56802 BENV_T2	26	227	201	0.29	0.4	0.11	0	0	0	0	0	0	0	0
3/1/2024 10:39	67504 WEWI_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/1/2024 10:39	56802 BENV_T2	26	227	201	0.29	0.4	0.11	0	0	0	0	0	0	0	0
3/1/2024 10:41	29401 BELT_T1	30	28	-2	0.17	0.18	0.01	0	0	0	0	0	0	0	0
3/1/2024 10:44	54502 ENOL_T2	3	3	0	0.4	0.3	-0.1	0	0	0	0	0	0	0	0
3/1/2024 10:44	64204 KINZ_T1	12	2	-10	0.31	1.1	0.79	0	0	0	0	0	0	0	0
3/1/2024 10:45	64203 KINZ_T1	1	1	0	0.2	0.5	0.3	0	0	0	0	0	0	0	0
3/1/2024 10:46	64702 LITI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/1/2024 10:47	42901 MIDD_T2	18	54	36	0.16	0.21	0.05	0	0	0	0	0	0	0	0
3/1/2024 10:47	46801 HEPB_T2	2	2	0	0.5	0.5	0	0	0	0	0	0	0	0	0
3/1/2024 10:47	43201 MVIL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/1/2024 10:48	64202 KINZ_T1	2	2	0	0.15	0.45	0.3	0	0	0	0	0	0	0	0
3/1/2024 10:49	47401 PENS_T1	23	6	-17	0.36	0.7	0.34	0	0	0	0	0	0	0	0
3/1/2024 10:50	57401 SPAN_T1	3	8	5	0.37	0.26	-0.11	0	0	0	0	0	0	0	0
3/1/2024 10:50	66501 SMAN_T2	4	7	3	0.53	0.44	-0.09	0	0	0	0	0	0	0	0
3/1/2024 10:50	65001 NEFF_T2	19	76	57	0.17	0.14	-0.03	0	0	0	0	0	0	0	0
3/1/2024 10:50	43201 MVIL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/1/2024 10:51	66503 SMAN_T2	18	67	49	0.14	0.13	-0.01	0	0	0	0	0	0	0	0
3/1/2024 10:51	43202 MVIL_T2	1	1	0	0.8	0.8	0	0	0	0	0	0	0	0	0
3/1/2024 10:51	43001 ALWD_T1	12	14	2	0.22	0.23	0.01	0	0	0	0	0	0	0	0
3/1/2024 10:51	57401 SPAN_T1	3	8	5	0.37	0.26	-0.11	0	0	0	0	0	0	0	0
3/1/2024 10:52	57403 SPAN_T1	2	5	3	0.2	0.38	0.18	0	0	0	0	0	0	0	0
3/1/2024 10:52	45601 WOOL_T1	1	1	0	0.4	0.6	0.2	0	0	0	0	0	0	0	0
3/1/2024 10:52	64702 LITI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/1/2024 10:53	26002 WDAM_T1	0	1	1	0	0.5	0.5	0	0	0	0	0	0	0	0
3/1/2024 10:53	57403 SPAN_T1	2	5	3	0.2	0.38	0.18	0	0	0	0	0	0	0	0
3/1/2024 10:54	60201 ATGL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/1/2024 10:54	60803 BUCK_T1	3	4	1	0.3	0.4	0.1	0	0	0	0	0	0	0	0
3/1/2024 10:54	60801 BUCK_T1	1	2	1	7.6	0.2	-7.4	0	0	0	0	0	0	0	0
3/1/2024 10:54	46001 BERW_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/1/2024 10:55	46003 BERW_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/1/2024 10:55	28702 HAML_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/1/2024 10:56	46002 BERW_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/1/2024 10:56	46005 BERW_T1	0	1	1	0	0.5	0.5	0	0	0	0	0	0	0	0
3/1/2024 10:57	54502 ENOL_T2	2	2	0	0.3	0.4	0.1	0	0	0	0	0	0	0	0
3/1/2024 10:57	54502 ENOL_T2	2	2	0	0.3	0.4	0.1	0	0	0	0	0	0	0	0
3/1/2024 10:57	23901 EFMO_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/1/2024 10:57	40101 HUNT_T2	3	6	3	0.8	0.7	-0.1	0	0	0	0	0	0	0	0
3/1/2024 10:57	46005 BERW_T1	0	1	1	0	0.5	0.5	0	0	0	0	0	0	0	0
3/1/2024 10:58	54506 ENOL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/1/2024 10:58	41802 GOCI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/1/2024 10:59	54506 ENOL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/1/2024 10:59	50107 HARR_T3	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/1/2024 10:59	15704 TANN_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/1/2024 10:59	54501 ENOL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/1/2024 11:00	25503 MADI_T1	2	3	1	0.4	0.33	-0.07	0	0	0	0	0	0	0	0
3/1/2024 11:01	50105 HARR_T3	6	6	0	5.13	5.02	-0.11	0	0	0	0	0	0	0	0
3/1/2024 11:02	52002 LING_T2	1	1	0	0.7	0.8	0.1	0	0	0	0	0	0	0	0
3/1/2024 11:02	64703 LITI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/1/2024 11:02	42902 MIDD_T2	43	75	32	0.46	0.48	0.02	0	0	0	0	0	0	0	0
3/1/2024 11:03	52503 PROG_T2	1	2	1	0.1	0.15	0.05	0	0	0	0	0	0	0	0
3/1/2024 11:03	64703 LITI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/1/2024 11:05	57401 SPAN_T1	4	11	7	0.33	0.27	-0.06	0	0	0	0	0	0	0	0
3/1/2024 11:06	66505 SMAN_T2	6	4	-2	0.55	0.8	0.25	0	0	0	0	0	0	0	0
3/1/2024 11:06	66702 STRA_T1	1	1	0	0.4	0.3	-0.1	0	0	0	0	0	0	0	0
3/1/2024 11:06	57403 SPAN_T1	2	5	3	0.55	0.46	-0.09	0	0	0	0	0	0	0	0
3/1/2024 11:06	67201 TEHI_T1	62	66	4	0.34	0.36	0.02	0	0	0	0	0	0	0	0
3/1/2024 11:06	67002 STHI_T2	24	29	5	0.27	0.31	0.04	0	0	0	0	0	0	0	0
3/1/2024 11:06	45402 WBLO_T2	12	30	18	0.2	0.19	-0.01	0	0	0	0	0	0	0	0
3/1/2024 11:07	67002 STHI_T2	24	29	5	0.27	0.31	0.04	0	0	0	0	0	0	0	0
3/1/2024 11:07	44301 BEAV_T2	2	3	1	0.35	0.2	-0.15	0	0	0	0	0	0	0	0
3/1/2024 11:07	27503 WEIS_T2	0	3	3	0	0.17	0.17	0	0	0	0	0	0	0	0
3/1/2024 11:07	44601 SALE_T2	1	2	1	0.2	0.25	0.05	0	0	0	0	0	0	0	0
3/1/2024 11:08	40903 JESH_T1	0	1	1	0	0.2	0.2	0	0	0	0	0	0	0	0
3/1/2024 11:08	57403 SPAN_T1	2	5	3	0.55	0.46	-0.09	0	0	0	0	0	0	0	0
3/1/2024 11:09	29401 BELT_T1	24	56	32	0.14	0.23	0.09	0	0	0	0	0	0	0	0
3/1/2024 11:10	29401 BELT_T1	24	56	32	0.14	0.23	0.09	0	0	0	0	0	0	0	0
3/1/2024 11:10	57403 SPAN_T1	2	5	3	0.55	0.46	-0.09	0	0	0	0	0	0	0	0
3/1/2024 11:10	60701 BREC_T1	6	6	0	0.4	0.53	0.13	0	0	0	0	0	0	0	0
3/1/2024 11:12	29401 BELT_T1	24	56	32	0.14	0.23	0.09	0	0	0	0	0	0	0	0
3/1/2024 11:13	41601 CLEV_T1	1	1	0	1	1	0	0	0	0	0	0	0	0	0
3/1/2024 11:13	60701 BREC_T1	6	6	0	0.4	0.53	0.13	0	0	0	0	0	0	0	0
3/1/2024 11:13	45402 WBLO_T2	12	30	18	0.2	0.19	-0.01	0	0	0	0	0	0	0	0
3/1/2024 11:14	41801 GOCI_T2	224	255	31	0.36	0.42	0.06	0	0	0	0	0	0	0	0
3/1/2024 11:14	64301 LINC_T1	0	0	0	0	0	0	0	0	0

Appendix C - Grid Benefits Achieved in Each Instance of Active Management

3/1/2024 11:34	42001 MNVL_T2	5	6	1	0.38	0.47	0.09	0	0	0	0	0	0	0	0
3/1/2024 11:34	56504 ROCK_T2	1	3	2	0.2	0.13	-0.07	0	0	0	0	0	0	0	0
3/1/2024 11:34	56501 ROCK_T2	6	12	6	0.48	0.48	0	0	0	0	0	0	0	0	0
3/1/2024 11:35	51001 NHAR_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/1/2024 11:35	42803 SELI_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/1/2024 11:36	42803 SELI_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/1/2024 11:36	14401 SSLA_T1	1	2	1	0.3	0.2	-0.1	0	0	0	0	0	0	0	0
3/1/2024 11:36	56503 ROCK_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/1/2024 11:37	66501 SMAN_T2	2	1	-1	0.25	0.1	-0.15	0	0	0	0	0	0	0	0
3/1/2024 11:37	66703 STRA_T1	11	19	8	0.46	0.32	-0.14	0	0	0	0	0	0	0	0
3/1/2024 11:37	59202 THOM_T1	24	38	14	0.38	0.47	0.09	0	0	0	0	0	0	0	0
3/1/2024 11:38	56503 ROCK_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/1/2024 11:38	16302 ALPA_T2	1	1	0	0.1	0.2	0.1	0	0	0	0	0	0	0	0
3/1/2024 11:38	56504 ROCK_T2	1	3	2	0.2	0.13	-0.07	0	0	0	0	0	0	0	0
3/1/2024 11:38	60102 COCA_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/1/2024 11:39	56504 ROCK_T2	1	3	2	0.2	0.13	-0.07	0	0	0	0	0	0	0	0
3/1/2024 11:39	66502 SMAN_T2	12	8	-4	0.36	0.34	-0.02	0	0	0	0	0	0	0	0
3/1/2024 11:39	42201 SHEN_T2	1	3	2	0.3	0.85	0.55	0	0	0	0	0	0	0	0
3/1/2024 11:39	16302 ALPA_T2	1	1	0	0.1	0.2	0.1	0	0	0	0	0	0	0	0
3/1/2024 11:39	53101 WTWN_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/1/2024 11:39	43001 ALWD_T1	15	20	5	0.22	0.29	0.07	0	0	0	0	0	0	0	0
3/1/2024 11:41	16302 ALPA_T2	1	1	0	0.1	0.2	0.1	0	0	0	0	0	0	0	0
3/1/2024 11:41	62601 ENGL_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/1/2024 11:42	43001 ALWD_T1	15	20	5	0.22	0.29	0.07	0	0	0	0	0	0	0	0
3/1/2024 11:42	62601 ENGL_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/1/2024 11:43	62601 ENGL_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/1/2024 11:43	40101 HUNT_T2	1	0	-1	0.2	0	-0.2	0	0	0	0	0	0	0	0
3/1/2024 11:44	62605 ENGL_T1	4	3	-1	0.23	0.27	0.04	0	0	0	0	0	0	0	0
3/1/2024 11:44	60101 COCA_T1	4	5	1	0.5	0.53	0.03	0	0	0	0	0	0	0	0
3/1/2024 11:45	64301 LINC_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/1/2024 11:45	40101 HUNT_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/1/2024 11:45	41601 CLEV_T1	1	1	0	0.5	0.7	0.2	0	0	0	0	0	0	0	0
3/1/2024 11:46	54503 ENOL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/1/2024 11:46	41601 CLEV_T1	1	1	0	0.5	0.7	0.2	0	0	0	0	0	0	0	0
3/1/2024 11:46	40101 HUNT_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/1/2024 11:47	26002 WDAM_T1	1	1	0	0.4	0.7	0.3	0	0	0	0	0	0	0	0
3/1/2024 11:47	25502 MADI_T1	2	1	-1	0.4	0.9	0.5	0	0	0	0	0	0	0	0
3/1/2024 11:47	64902 MILL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/1/2024 11:48	58401 MORO_T1	3	5	2	2.3	0.86	-1.44	0	0	0	0	0	0	0	0
3/1/2024 11:48	64903 MILL_T2	1	0	-1	0.3	0	-0.3	0	0	0	0	0	0	0	0
3/1/2024 11:48	40101 HUNT_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/1/2024 11:49	65005 NEFF_T2	2	2	0	0.8	0.85	0.05	0	0	0	0	0	0	0	0
3/1/2024 11:49	14403 SSLA_T1	4	4	0	0.2	0.45	0.25	0	0	0	0	0	0	0	0
3/1/2024 11:49	47403 PENS_T1	6	8	2	0.57	0.83	0.26	0	0	0	0	0	0	0	0
3/1/2024 11:49	58401 MORO_T1	3	5	2	2.3	0.86	-1.44	0	0	0	0	0	0	0	0
3/1/2024 11:50	67504 WEWI_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/1/2024 11:50	42202 SHEN_T2	2	2	0	0.75	0.45	-0.3	0	0	0	0	0	0	0	0
3/1/2024 11:50	41902 REED_T1	2	3	1	0.7	0.7	0	0	0	0	0	0	0	0	0
3/1/2024 11:50	58401 MORO_T1	3	5	2	2.3	0.86	-1.44	0	0	0	0	0	0	0	0
3/1/2024 11:51	67002 STHI_T2	31	27	-4	0.35	0.36	0.01	0	0	0	0	0	0	0	0
3/1/2024 11:51	47402 PENS_T1	0	2	2	0	0.8	0.8	0	0	0	0	0	0	0	0
3/1/2024 11:51	16302 ALPA_T2	1	2	1	0.2	0.15	-0.05	0	0	0	0	0	0	0	0
3/1/2024 11:52	16302 ALPA_T2	1	2	1	0.2	0.15	-0.05	0	0	0	0	0	0	0	0
3/1/2024 11:52	26001 WDAM_T1	0	1	1	0	0	0	0	0	0	0	0	0	0	0
3/1/2024 11:52	67504 WEWI_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/1/2024 11:52	14403 SSLA_T1	4	4	0	0.2	0.45	0.25	0	0	0	0	0	0	0	0
3/1/2024 11:52	41903 REED_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/1/2024 11:53	45402 WILO_T2	27	43	16	0.21	0.23	0.02	0	0	0	0	0	0	0	0
3/1/2024 11:53	16302 ALPA_T2	1	2	1	0.2	0.15	-0.05	0	0	0	0	0	0	0	0
3/1/2024 11:54	67502 WEWI_T2	10	11	1	0.52	0.43	-0.09	0	0	0	0	0	0	0	0
3/1/2024 11:54	67503 WEWI_T2	2	1	-1	0.35	0.5	0.15	0	0	0	0	0	0	0	0
3/1/2024 11:54	27502 WEIS_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/1/2024 11:54	14403 SSLA_T1	4	4	0	0.2	0.45	0.25	0	0	0	0	0	0	0	0
3/1/2024 11:54	43001 ALWD_T1	16	22	6	0.26	0.31	0.05	0	0	0	0	0	0	0	0
3/1/2024 11:54	16302 ALPA_T2	1	2	1	0.2	0.15	-0.05	0	0	0	0	0	0	0	0
3/1/2024 11:55	67502 WEWI_T2	10	11	1	0.52	0.43	-0.09	0	0	0	0	0	0	0	0
3/1/2024 11:55	45402 WILO_T2	27	43	16	0.21	0.23	0.02	0	0	0	0	0	0	0	0
3/1/2024 11:56	67503 WEWI_T2	2	1	-1	0.35	0.5	0.15	0	0	0	0	0	0	0	0
3/1/2024 11:57	43001 ALWD_T1	16	22	6	0.26	0.31	0.05	0	0	0	0	0	0	0	0
3/1/2024 11:57	41602 CLEV_T1	1	1	0	0.6	0.9	0.3	0	0	0	0	0	0	0	0
3/1/2024 11:59	24102 EHAZ_T1	2	2	0	0.2	0.4	0.2	0	0	0	0	0	0	0	0
3/1/2024 12:00	58402 MORO_T1	2	2	0	0.25	0.55	0.3	0	0	0	0	0	0	0	0
3/1/2024 12:01	64301 LINC_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/1/2024 12:01	64301 LINC_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/1/2024 12:01	58402 MORO_T1	2	2	0	0.25	0.55	0.3	0	0	0	0	0	0	0	0
3/1/2024 12:01	41601 CLEV_T1	1	1	0	0.7	0.5	-0.2	0	0	0	0	0	0	0	0
3/1/2024 12:01	51002 NHAR_T1	1	1	0	1.1	1.3	0.2	0	0	0	0	0	0	0	0
3/1/2024 12:02	55002 NEWP_T1	15	19	4	1.12	0.85	-0.27	0	0	0	0	0	0	0	0
3/1/2024 12:02	58401 MORO_T1	3	5	2	2	0.84	-1.16	0	0	0	0	0	0	0	0
3/1/2024 12:02	47403 PENS_T1	8	8	0	0.66	0.83	0.17	0	0	0	0	0	0	0	0
3/1/2024 12:03	14403 SSLA_T1	4	5	1	0.23	0.5	0.27	0	0	0	0	0	0	0	0
3/1/2024 12:03	58402 MORO_T1	2	2	0	0.25	0.55	0.3	0	0	0	0	0	0	0	0
3/1/2024 12:04	14401 SSLA_T1	2	1	-1	0.2	0.7	0.5	0	0	0	0	0	0	0	0
3/1/2024 12:04	24101 EHAZ_T1	17	18	1	0.52	0.29	-0.23	0	0	0	0	0	0	0	0
3/1/2024 12:05	47403 PENS_T1	8	8	0	0.66	0.83	0.17	0	0	0	0	0	0	0	0
3/1/2024 12:05	41903 REED_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/1/2024 12:05	58401 MORO_T1	3	5	2	2	0.84	-1.16	0	0	0	0	0	0	0	0
3/1/2024 12:05	54701 NEBL_T1	3	4	1	0.17	0.3	0.13	0	0	0	0	0	0	0	0
3/1/2024 12:07	47402 PENS_T1	1	2	1	0.7	0.8	0.1	0	0	0	0	0	0	0	0
3/1/2024 12:07	41902 REED_T1	3	2	-1	0.7	0.6	-0.1	0	0	0	0	0	0	0	0
3/1/2024 12:07	16302 ALPA_T2	0	2	2	0	0.15	0.15	0	0	0	0	0	0	0	0
3/1/2024 12:08	54701 NEBL_T1	3	4	1	0.17	0.3	0.13	0	0	0	0	0	0	0	0
3/1/2024 12:08	43001 ALWD_T1	20	20	0	0.29	0.36	0.07	0	0	0	0	0	0	0	0
3/1/2024 12:08	26002 WDAM_T1	1	2	1	0.7	0.3	-0.4	0	0	0	0	0	0	0	0
3/1/2024 12:09	66503 SMAN_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/1/2024 12:09	16302 ALPA_T2	0	2	2	0	0.15	0.15	0	0	0	0	0	0	0	0
3/1/2024 12:09	44302 BEAV_T2	106	391	285	0.39	0.57	0.18	0	0	0	0	0	0	0	0
3/1/2024 12:10	43001 ALWD_T1	20	20	0	0.29	0.36	0.07	0	0	0	0	0	0	0	0
3/1/2024 12:10	24105 EHAZ_T1	4	9	5	5.3	5.3	0	0	0	0	0	0	0	0	0
3/1/2024 12:10	16302 ALPA_T2	0	2	2	0	0.15	0.15	0	0	0	0	0	0	0	0
3/1/2024 12:10	66505 SMAN_T2	4	4	0	0.73	0.83	0.1	0	0	0	0	0	0	0	0
3/1/2024 12:10	44302 BEAV_T2	106	391	285	0.39	0.57	0.18	0	0	0	0	0	0	0	0
3/1/2024 12:11	21403 EXET_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/1/2024 12:11	41602 CLEV_T1	1	1	0	0.9	0.9	0	0	0	0	0	0	0	0	0
3/1/2024 12:11	44301 BEAV_T2	9	21	12	0.27	0.45	0.18	0	0	0	0	0	0	0	0
3/1/2024 12:12	44302 BEAV_T2	106	391	285	0.39	0.57	0.18	0	0	0	0	0	0	0	0
3/1/2024 12:13	41601 CLEV_T1	1	1	0	0.7	0.5	-0.2	0	0	0	0	0	0	0	0
3/1/2024 12:15	24103 EHAZ_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/1/2024 12:16	42002 MNVL_T2	2	2	0	3.2	3.3	0.1	0	0	0	0	0	0	0	0
3/1/2024 12:18	25501 MADI_T1	0	1	1	0	0.3	0.3	0	0	0	0	0	0	0	0
3/1/2024 12:18	59402 RFLD_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/1/2024 12:19	64902 MILL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/1/2024 12:25	24101 EHAZ_T1	15	16	1	0.67	0.3	-0.37	0	0	0	0	0	0	0	0
3/1/2024 12:25	65003 NEFF_T2	7	8	1	0.46	0.44	-0.02	0	0	0	0	0	0	0	0
3/1/2024 12:29	56504 ROCK_T2	2	3	1	0.2	0.2	0	0	0	0	0	0	0	0	0
3/1/2024 12:31	24101 EHAZ_T1	10	15	5	0.33	0.1	-0.23	0	0	0	0	0	0	0	0
3/1/2024 12:32	64301 LINC_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/1/2024 12:33	64305 LINC_T1	6	4	-2	0.22	0.18	-0.04	0	0	0	0	0	0	0	0
3/1/2024 12:33	47403 PENS_T1	8	8	0	0.63	0.66	0.03	0	0	0	0	0	0	0	0
3/1/2024 12:34	47402 PENS_T1	1	0	-1	1.3	0	-1.3	0	0	0	0	0	0	0	0
3/1/2024 12:34	14403 SSLA_T1	5	5	0	0.48	0.54	0.06	0	0	0	0	0	0	0	0
3/1/2024 12:35	14801 TREI_T2	7	3	-4	0.46	0.87	0.41	0	0	0	0	0	0	0	0
3/1/2024 12:35	66702 STRA_T1	1	1	0	0.5	0.5	0	0	0	0	0	0	0	0	0
3/1/2024 12:36	14404 SSLA_T1	3	3	0	0.43	0.33	-0.1	0	0	0	0	0	0	0	0
3/1/2024 12:37	58003 WCAR_T1	1	1	0	0.9	1.2	0.3	0	0	0	0	0	0	0	0
3/1/2024 12:38	58001 WCAR_T1	4	5	1	0.5	0.36	-0.14	0	0	0	0	0	0	0	0
3/1/2024 12:39	14801 TREI_T2	7	3	-4	0.46	0.87	0.41	0	0	0	0	0	0	0	0
3/1/2024 12:50	26001 WDAM_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/1/2024 12:57	40101 HUNT_T2	2	2	0	0.1	0.4	0.3	0	0	0	0	0	0	0	0
3/1/2024 12:57	42401 GIMA_T1	18	31	13	0.17	0.21	0.04	0	0	0	0	0	0	0	0
3/1/2024 12:58	40101 HUNT_T2	2	2	0	0.1	0.4	0.3	0	0	0	0	0	0	0	0
3/1/2024 12:59	40101 HUNT_T2	2	2	0	0.1	0.4	0.3	0	0	0	0	0	0	0	0
3/1/2024 13:01	58402 MORO_T1	2	1	-1	0.45	0.2	-0.25	0	0	0	0	0	0	0	0
3/1/2024 13:04	58401 MORO_T1	4	6	2	2.23	1.15	-1.08	0	0	0	0	0	0	0	0
3/1/2024 13:05	65004 NEFF_T2	5	10	5	0.54	0.38	-0.16	0	0	0	0	0	0	0	0
3/1/2024 13:05	58401 MORO_T1	4	6	2	2.23	1.15	-1.08	0	0	0	0	0	0	0	0
3/1/2024 13:05	58402 MORO_T1	2	1	-1	0.45	0.2	-0.25	0	0	0	0	0	0	0	0
3/1/2024 13:05	40101 HUNT_T2	1	2	1	0.4	0.5	0.1	0	0	0	0	0	0	0	0
3/1/2024 13:06	58402 MORO_T1	2	1	-1	0.45	0.2	-0.25	0	0	0	0	0	0	0	0
3/1/2024 13:06	13302 ORVI_T2	4	4	0	0.68	0.9	0.22	0	0	0	0	0	0	0	0
3/1/2024 13:07	27503 WEIS_T2	2	3	1	0.5	0.47	-0.03	0	0	0	0	0	0	0	0
3/1/2024 13:09	13302 ORVI_T2	4	4	0	0.68	0.9	0.22	0	0	0	0	0	0	0	0
3/1/2024 13:11	65002 NEFF_T2	0	5	5	0	0.14	0.14	0	0	0	0	0	0	0	0
3/1/2024 13:11	44503 HAMI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/1/2024 13:15	28805 LAKE_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/1/2024 13:16	28805 LAKE_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/1/2024 13:21	14404 SSLA_T1	2	3	1	0.2	0.3	0.1	0	0	0	0	0	0	0	0
3/1/2024 13:23	10702 CATA_T2	0	1	1	0	0.5	0.5	0	0	0	0	0	0	0	0
3/1/2024 13:24	60101 COCA_T1	9	4	-5	0.63	0.33	-0.3	0	0	0	0	0	0	0	0
3/1/2024 13:26	42401 GIMA_T1	24	74	50	0.2	0.26	0.06	0	0	0	0	0	0	0	0
3/1/2024 13:27	53602 DALM_T2	0	1	1	0	0	0	0	0	0	0	0	0	0	0
3/1/2024 13:30	24102 EHAZ_T1	7	4	-3	0.49	0.15	-0.34	0	0	0	0	0	0	0	0
3/1/2024 13:35	24104 EHAZ_T1	0	1	1	0	0.1	0.1	0	0	0	0	0	0	0	0
3/1/2024 13:37	26001 WDAM_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/1/2024 13:40	60101 COCA_T1	4	2	-2	0.35	0.2	-0.15	0	0	0	0	0	0	0	0
3/1/2024 13:41	24101 EHAZ_T1	14	23	9	0.54	0.2	-0.34	0	0	0	0	0	0	0	0
3/1/2024 13:46	24103 EHAZ_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/1/2024 13:49	53802 MBRG_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/1/2024 13:50	65003 NEFF_T2	67	62	-5	0.2	0.2	0	0	0	0	0	0	0	0	0
3/1/2024 13:50	57101 SPHI_T2	7	6	-1	0.79	1.15	0.36	0	0	0	0	0	0	0	0
3/1/2024 13:52	47401 PENS_T1	24	32	8	0.33	0.34	0.01	0	0	0	0	0	0	0	0
3/1/2024 13:56	24101 EHAZ_T1	7	24	17	0.36	0.56	0.2	0	0	0	0	0	0	0	0
3/1/2024 13:57	28805 LAKE_T1	0	1	1	0	0	0	0	0	0	0	0	0	0	0
3/1/2024 14:01	24105 EHAZ_T1	4	4	0	6.1	6.05	-0.05	0	0	0	0	0	0	0	0
3/1/2024 14:03	28803 LAKE_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/1/2024 14:03	41903 REED_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/1/2024 14:04	66703 STRA_T1	9	1	-8	0.37	0.2	-0.17	0	0	0	0	0	0	0	0
3/1/2024 14:05	59302 MCAL_T1	0	3	3	0	0.23	0.23	0	0	0	0	0	0	0	0
3/1/2024 14:05	65004 NEFF_T2	9	7	-2	0.37	0.36	-0.01	0	0	0	0	0	0	0	0
3/1/2024 14:06	45601 WOOL_T1	3	0	-3	0.13	0	-0.13	0	0	0	0	0	0	0	0
3/1/2024 14:06	41901 REED_T1	3	3	0	0.27	0.3	0.03	0	0	0	0	0	0	0	0
3/1/2024 14:07	67605 WARW_T1	110	160	50	0.52	0.41	-0.11	0	0	0	0	0	0	0	0
3/1/2024 14:08	44302 BEAV_T2	134	454	320	0.35	0.69	0.34	0	0	0	0	0	0	0	0
3/1/2024 14:08	43001 ALWD_T1	17	18	1	0.46	0.4	-0.06	0	0	0	0	0	0	0	0
3/1/2024 14:09	26002 WDAM_T1	4	4	0	0.88	0.9	0.02	0	0	0	0	0	0	0	0
3/1/2024 14:09	44302 BEAV_T2	134	454	320	0.35	0.69	0.34	0	0	0	0	0	0	0	0
3/1/2024 14:10	65005 NEFF_T2	1	1	0	1.2	1.1	-0.1	0	0	0	0	0	0	0	0
3/1/2024 14:10	44302 BEAV_T2	134	454	320	0.35	0.69	0.34	0	0	0	0	0	0	0	0
3/1/2024 14:11	44302 BEAV_T2	134	454	320	0.35	0.69	0.34	0	0	0	0	0	0	0	0
3/1/2024 14:11	43001 ALWD_T1	17	18	1	0.46	0.4	-0.06	0	0	0	0	0	0	0	0
3/1/2024 14:11	67603 WARW_T1	2	2	0	0.35	0

3/1/2024 14:28	41802 GOCI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/1/2024 14:28	64303 LINC_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/1/2024 14:28	40101 HUNT_T2	0	1	1	0	0	0	0	0	0	0	0	0	0	0
3/1/2024 14:28	24104 EHAZ_T1	1	0	-1	0.2	0	-0.2	0	0	0	0	0	0	0	0
3/1/2024 14:29	25502 MADI_T1	1	1	0	0.3	0.1	-0.2	0	0	0	0	0	0	0	0
3/1/2024 14:29	44301 BEAV_T2	19	15	-4	0.31	0.65	0.34	0	0	0	0	0	0	0	0
3/1/2024 14:30	53902 HAU_T2	1	1	0	5.8	5.8	0	0	0	0	0	0	0	0	0
3/1/2024 14:30	41802 GOCI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/1/2024 14:30	40101 HUNT_T2	0	1	1	0	0	0	0	0	0	0	0	0	0	0
3/1/2024 14:31	53902 HAU_T2	1	1	0	5.8	5.8	0	0	0	0	0	0	0	0	0
3/1/2024 14:32	28604 BLYT_T2	1	1	0	0	0	0	0	0	0	0	0	0	0	0
3/1/2024 14:32	65005 NEFF_T2	1	1	0	0.8	0.6	-0.2	0	0	0	0	0	0	0	0
3/1/2024 14:33	41902 REED_T1	0	2	2	0	0	0	0	0	0	0	0	0	0	0
3/1/2024 14:33	24102 EHAZ_T1	1	1	0	1.1	0.8	-0.3	0	0	0	0	0	0	0	0
3/1/2024 14:34	60602 NCOL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/1/2024 14:34	66505 SMAN_T2	1	2	1	0.5	0.2	-0.3	0	0	0	0	0	0	0	0
3/1/2024 14:34	54202 PENN_T2	239	143	-96	0.2	0.2	0	0	0	0	0	0	0	0	0
3/1/2024 14:34	41901 REED_T1	3	6	3	0.3	0.25	-0.05	0	0	0	0	0	0	0	0
3/1/2024 14:35	66701 STRA_T1	2	0	-2	0.3	0	-0.3	0	0	0	0	0	0	0	0
3/1/2024 14:36	57401 SPAN_T1	5	2	-3	0.6	0.7	0.1	0	0	0	0	0	0	0	0
3/1/2024 14:36	65002 NEFF_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/1/2024 14:36	66501 SMAN_T2	0	1	1	0	0.2	0.2	0	0	0	0	0	0	0	0
3/1/2024 14:36	43801 SWIL_T1	16	53	37	0.48	0.3	-0.18	0	0	0	0	0	0	0	0
3/1/2024 14:36	57403 SPAN_T1	25	8	-17	0.26	0.21	-0.05	0	0	0	0	0	0	0	0
3/1/2024 14:36	60602 NCOL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/1/2024 14:36	27503 WEIS_T2	1	1	0	0.8	0.6	-0.2	0	0	0	0	0	0	0	0
3/1/2024 14:36	67502 WEWI_T2	5	1	-4	0.22	0.6	0.38	0	0	0	0	0	0	0	0
3/1/2024 14:36	45402 WBLO_T2	66	90	24	0.47	0.42	-0.05	0	0	0	0	0	0	0	0
3/1/2024 14:37	42204 SHEN_T2	0	2	2	0	0	0	0	0	0	0	0	0	0	0
3/1/2024 14:37	67604 WARW_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/1/2024 14:37	67503 WEWI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/1/2024 14:37	43802 SWIL_T1	1	2	1	0.1	0.1	0	0	0	0	0	0	0	0	0
3/1/2024 14:37	43001 ALWD_T1	16	19	3	0.36	0.41	0.05	0	0	0	0	0	0	0	0
3/1/2024 14:38	66501 SMAN_T2	0	1	1	0	0.2	0.2	0	0	0	0	0	0	0	0
3/1/2024 14:38	15001 BLMO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/1/2024 14:38	67503 WEWI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/1/2024 14:38	67603 WARW_T1	1	0	-1	0.2	0	-0.2	0	0	0	0	0	0	0	0
3/1/2024 14:38	42701 AUGU_T1	7	4	-3	0.5	0.73	0.23	0	0	0	0	0	0	0	0
3/1/2024 14:39	60803 BUCK_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/1/2024 14:39	46002 BERW_T2	0	1	1	0	0.2	0.2	0	0	0	0	0	0	0	0
3/1/2024 14:39	67503 WEWI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/1/2024 14:39	44301 BEAV_T2	15	10	-5	0.65	0.47	-0.18	0	0	0	0	0	0	0	0
3/1/2024 14:40	43001 ALWD_T1	16	19	3	0.36	0.41	0.05	0	0	0	0	0	0	0	0
3/1/2024 14:40	10805 CHHI_T2	8	8	0	2.01	1.5	-0.51	0	0	0	0	0	0	0	0
3/1/2024 14:40	42701 AUGU_T1	7	4	-3	0.5	0.73	0.23	0	0	0	0	0	0	0	0
3/1/2024 14:41	51603 DUKE_T1	2	2	0	0.8	0.8	0	0	0	0	0	0	0	0	0
3/1/2024 14:41	44302 BEAV_T2	453	343	-110	0.69	0.49	-0.2	0	0	0	0	0	0	0	0
3/1/2024 14:41	45402 WBLO_T2	66	90	24	0.47	0.42	-0.05	0	0	0	0	0	0	0	0
3/1/2024 14:42	46002 BERW_T2	0	1	1	0	0.2	0.2	0	0	0	0	0	0	0	0
3/1/2024 14:42	44302 BEAV_T2	453	343	-110	0.69	0.49	-0.2	0	0	0	0	0	0	0	0
3/1/2024 14:42	41801 GOCI_T2	79	149	70	0.42	0.29	-0.13	0	0	0	0	0	0	0	0
3/1/2024 14:42	51601 DUKE_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/1/2024 14:42	42401 GIMA_T1	63	75	12	0.26	0.28	0.02	0	0	0	0	0	0	0	0
3/1/2024 14:42	42701 AUGU_T1	7	4	-3	0.5	0.73	0.23	0	0	0	0	0	0	0	0
3/1/2024 14:43	40101 HUNT_T2	0	1	1	0	0	0	0	0	0	0	0	0	0	0
3/1/2024 14:43	41601 CLEV_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/1/2024 14:43	67502 WEWI_T2	5	1	-4	0.22	0.6	0.38	0	0	0	0	0	0	0	0
3/1/2024 14:43	24101 EHAZ_T1	1	19	18	0.2	0	-0.2	0	0	0	0	0	0	0	0
3/1/2024 14:43	15001 BLMO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/1/2024 14:44	41801 GOCI_T2	79	149	70	0.42	0.29	-0.13	0	0	0	0	0	0	0	0
3/1/2024 14:44	28803 LAKE_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/1/2024 14:44	64303 LINC_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/1/2024 14:44	40101 HUNT_T2	0	1	1	0	0	0	0	0	0	0	0	0	0	0
3/1/2024 14:45	25503 MADI_T1	94	126	32	0.22	0.24	0.02	0	0	0	0	0	0	0	0
3/1/2024 14:45	28801 LAKE_T1	1	11	10	0.7	0.17	-0.53	0	0	0	0	0	0	0	0
3/1/2024 14:46	41802 GOCI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/1/2024 14:46	40101 HUNT_T2	1	0	-1	0.2	0	-0.2	0	0	0	0	0	0	0	0
3/1/2024 14:47	58401 MORO_T1	1	1	0	0.8	5.7	4.9	0	0	0	0	0	0	0	0
3/1/2024 14:48	58401 MORO_T1	1	1	0	0.8	5.7	4.9	0	0	0	0	0	0	0	0
3/1/2024 14:48	56503 ROCK_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/1/2024 14:48	42002 MNVL_T2	1	1	0	6.1	5.8	-0.3	0	0	0	0	0	0	0	0
3/1/2024 14:48	28602 BLYT_T2	1	1	0	0.3	0.3	0	0	0	0	0	0	0	0	0
3/1/2024 14:49	24102 EHAZ_T1	1	6	5	0.8	1.2	0.4	0	0	0	0	0	0	0	0
3/1/2024 14:50	58401 MORO_T1	1	1	0	0.8	5.7	4.9	0	0	0	0	0	0	0	0
3/1/2024 14:50	56501 ROCK_T2	9	8	-1	0.56	0.5	-0.06	0	0	0	0	0	0	0	0
3/1/2024 14:51	47401 PENS_T1	18	7	-11	0.3	0.34	0.04	0	0	0	0	0	0	0	0
3/1/2024 14:51	42001 MNVL_T2	41	124	83	0.17	0.22	0.05	0	0	0	0	0	0	0	0
3/1/2024 14:52	56504 ROCK_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/1/2024 14:52	43802 SWIL_T1	0	3	3	0	0.13	0.13	0	0	0	0	0	0	0	0
3/1/2024 14:53	47402 PENS_T1	1	0	-1	0.7	0	-0.7	0	0	0	0	0	0	0	0
3/1/2024 14:53	43801 SWIL_T1	22	75	53	0.38	0.3	-0.08	0	0	0	0	0	0	0	0
3/1/2024 14:53	46702 RENO_T1	118	62	-56	0.23	0.19	-0.04	0	0	0	0	0	0	0	0
3/1/2024 14:53	24901 WHHA_T1	1	1	0	0.4	0.2	-0.2	0	0	0	0	0	0	0	0
3/1/2024 14:54	46003 BERW_T2	0	2	2	0	0.15	0.15	0	0	0	0	0	0	0	0
3/1/2024 14:55	56503 ROCK_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/1/2024 14:57	53902 HAU_T2	1	1	0	5.8	5.8	0	0	0	0	0	0	0	0	0
3/1/2024 14:58	54504 ENOL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/1/2024 14:59	24103 EHAZ_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/1/2024 15:00	53902 HAU_T2	1	1	0	5.8	5.6	-0.2	0	0	0	0	0	0	0	0
3/1/2024 15:01	54503 ENOL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/1/2024 15:02	66303 MCGD_T2	1	0	-1	0.1	0	-0.1	0	0	0	0	0	0	0	0
3/1/2024 15:03	14402 SSLA_T1	3	3	0	0.67	0.63	-0.04	0	0	0	0	0	0	0	0
3/1/2024 15:03	65001 NEFF_T2	220	238	18	0.25	0.38	0.13	0	0	0	0	0	0	0	0
3/1/2024 15:04	24105 EHAZ_T1	4	5	1	5.68	4.2	-1.48	0	0	0	0	0	0	0	0
3/1/2024 15:06	14401 SSLA_T1	2	2	0	0.25	0.15	-0.1	0	0	0	0	0	0	0	0
3/1/2024 15:06	47401 PENS_T1	7	1	-6	0.34	0.2	-0.14	0	0	0	0	0	0	0	0
3/1/2024 15:07	42701 AUGU_T1	2	1	-1	1.1	1.7	0.6	0	0	0	0	0	0	0	0
3/1/2024 15:08	56803 BENV_T1	3	3	0	0.53	0.43	-0.1	0	0	0	0	0	0	0	0
3/1/2024 15:09	40901 JESH_T1	3	12	9	0.13	0.11	-0.02	0	0	0	0	0	0	0	0
3/1/2024 15:10	24101 EHAZ_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/1/2024 15:11	56803 BENV_T1	3	3	0	0.53	0.43	-0.1	0	0	0	0	0	0	0	0
3/1/2024 15:11	17802 GILB_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/1/2024 15:14	17802 GILB_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/1/2024 15:15	24105 EHAZ_T1	4	5	1	5.55	4.2	-1.35	0	0	0	0	0	0	0	0
3/1/2024 15:16	65004 NEFF_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/1/2024 15:26	24101 EHAZ_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/1/2024 15:28	62602 ENGL_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/1/2024 15:30	62607 ENGL_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/1/2024 15:31	24101 EHAZ_T1	0	1	1	0	0	0	0	0	0	0	0	0	0	0
3/1/2024 15:32	65004 NEFF_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/1/2024 15:35	20602 GRWO_T2	0	21	21	0	0.22	0.22	0	0	0	0	0	0	0	0
3/1/2024 15:37	14404 SSLA_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/1/2024 15:38	56503 ROCK_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/1/2024 15:38	26002 WDAM_T1	4	3	-1	0.68	0.57	-0.11	0	0	0	0	0	0	0	0
3/1/2024 15:41	24104 EHAZ_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/1/2024 15:42	20601 GRWO_T2	6	39	33	0.13	0.21	0.08	0	0	0	0	0	0	0	0
3/1/2024 15:46	24103 EHAZ_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/1/2024 15:47	60504 NMAN_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/1/2024 15:50	20601 GRWO_T2	29	40	11	0.2	0.21	0.01	0	0	0	0	0	0	0	0
3/1/2024 15:57	24103 EHAZ_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/1/2024 16:02	24104 EHAZ_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/1/2024 16:03	64305 LINC_T1	1	0	-1	0.1	0	-0.1	0	0	0	0	0	0	0	0
3/1/2024 16:11	42502 ALTA_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/1/2024 16:11	65003 NEFF_T2	5	0	-5	0.28	0	-0.28	0	0	0	0	0	0	0	0
3/1/2024 16:13	65003 NEFF_T2	5	0	-5	0.28	0	-0.28	0	0	0	0	0	0	0	0
3/1/2024 16:13	24101 EHAZ_T1	1	8	7	0.2	0.1	-0.1	0	0	0	0	0	0	0	0
3/1/2024 16:15	59001 MIFF_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/1/2024 16:19	24103 EHAZ_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/1/2024 16:24	20401 ASHF_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/1/2024 16:26	20402 ASHF_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/1/2024 16:40	47001 HUGH_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/1/2024 16:41	40501 CRES_T2	2	2	0	0.15	0.15	0	0	0	0	0	0	0	0	0
3/1/2024 16:43	40502 CRES_T2	8	8	0	0.45	0.41	-0.04	0	0	0	0	0	0	0	0
3/1/2024 17:43	65003 NEFF_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/1/2024 17:48	54501 ENOL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/1/2024 18:04	65001 NEFF_T2	5	3	-2	0.16	0.13	-0.03	0	0	0	0	0	0	0	0
3/1/2024 18:10	65005 NEFF_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/1/2024 19:12	46205 DANV_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/1/2024 19:18	59402 RFLD_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/1/2024 19:43	67002 STHI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/1/2024 19:44	29401 BELT_T1	0	2	2	0	0.1	0.1	0	0	0	0	0	0	0	0
3/1/2024 19:45	28704 HAML_T2	197	198	1	1.52	1.52	0	0	0	0	0	0	0	0	0
3/1/2024 19:46	15701 TANN_T1	1	1	0	4.2	4.2	0	0	0	0	0	0	0	0	0
3/1/2024 19:46	62605 ENGL_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/1/2024 19:47	40501 CRES_T2	1	1	0	0.2	0.2	0	0	0	0	0	0	0	0	0
3/1/2024 19:48	51004 NHAR_T1	13	12	-1	1.05	0.96	-0.09	0	0	0	0	0	0	0	0
3/1/2024 19:48	64201 KINZ_T1	1	1	0	0.4	0.1	-0.3	0	0	0	0	0	0	0	0
3/1/2024 19:48	54506 ENOL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/1/2024 19:48	20403 ASHF_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/1/2024 19:49	56802 BENV_T2	2	9	7	0.25	0.14	-0.11	0	0	0	0	0	0	0	0
3/1/2024 19:49	28805 LAKE_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/1/2024 19:49	20602 GRWO_T2	48	66	18	0.21	0.25	0.04	0	0	0	0	0	0	0	0
3/1/2024 19:49	52502 PROG_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/1/2024 19:49	29402 BELT_T1	1	1	0	6.4	6.6	0.2	0	0	0	0	0	0	0	0
3/1/2024 19:49	10805 CHHI_T2	1	1	0	7.9	7.9	0	0	0	0	0	0	0	0	0
3/1/2024 19:49	42701 AUGU_T1	1	1	0	0.8	0.9	0.1	0	0	0	0	0	0	0	0
3/1/2024 19:49	42401 GIMA_T1	77	97	20	0.39	0.41	0.02	0	0	0	0	0	0	0	0
3/1/2024 19:50	29402 BELT_T1	1	1	0	6.4	6.6	0.2	0	0	0	0	0	0	0	0
3/1/2024 19:50	40602 PIGR_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/1/2024 19:50	51603 DUKE_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/1/2024 19:51	17802 GILB_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/1/2024 19:51	10702 CATA_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/1/2024 19:51	66503 SMAN_T2	0	22	22	0	0.14	0.14	0	0	0	0	0	0	0	0
3/1/2024 19:51	29401 BELT_T1	0	2	2	0	0.1	0.1	0	0	0	0	0	0	0	0
3/1/2024 19:51	29401 BELT_T1	0	2	2	0	0.1	0.1	0	0	0	0	0	0	0	0
3/1/2024 19:51	20401 ASHF_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/1/2024 19:51	56504 ROCK_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/1/2024 19:51	41801 GOCI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/1/2024 19:51	56802 BENV_T2	2	9	7	0.25	0.14	-0.11	0	0	0	0	0	0	0	0
3/1/2024 19:51	47802 MOCA_T2	0	1	1	0	0	0	0	0	0	0	0	0	0	0
3/1/2024 19:52	67502 WEWI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/1/2024 19:52	27502 WEIS_T2	0	1	1	0	0	0	0	0	0	0	0	0	0	0
3/1/2024 19:52	67503 WEWI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/1/2024 19:52	42701 AUGU_T1	1	1	0	0.8	0.9	0.1	0	0	0	0	0	0	0	0
3/1/2024 19:52	24902 WHHA_T1	1	1	0	0.2	0.4	0.2	0	0	0	0	0	0	0	0
3/1/2024 19:52	67604 WARW_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/1/2024 19:52	42203 SHEN_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/1/2024 19:52	54505 ENOL_T2	1	1	0	0.6	0.7	0.1	0	0	0	0	0	0	0	0
3/1/2024 19:52	62602 ENGL_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/1/2024 19:52	15001 BLMO_T1	0	1	1	0	0	0	0	0	0	0	0	0	0	0
3/1/2024 19:52	46005 BERW_T1	0	2	2	0	0	0	0	0	0	0	0	0	0	0
3/1/2024 19:52	29402 BELT_T1	1	1	0	6.4	6.6	0.2	0	0	0	0	0	0	0	0
3/1/2024 19:52	42501 ALTA_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0

3/1/2024 19:54	60502 NMAN_T2	1	1	0	0.6	0.8	0.2	0	0	0	0	0	0	0	0
3/1/2024 19:54	67002 STHI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/1/2024 19:54	60803 BUCK_T1	0	2	2	0	0.15	0.15	0	0	0	0	0	0	0	0
3/1/2024 19:54	14401 SSLA_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/1/2024 19:54	29401 BELT_T1	0	2	2	0	0.1	0.1	0	0	0	0	0	0	0	0
3/1/2024 19:54	40101 HUNT_T2	6	12	6	0.27	0.23	-0.04	0	0	0	0	0	0	0	0
3/1/2024 19:54	47002 HUGH_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/1/2024 19:54	56802 BENV_T2	2	9	7	0.25	0.14	-0.11	0	0	0	0	0	0	0	0
3/1/2024 19:54	60803 BUCK_T1	0	2	2	0	0.15	0.15	0	0	0	0	0	0	0	0
3/1/2024 19:54	10801 CHHI_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/1/2024 19:55	43304 WATS_T2	9	1	-8	0.4	0	-0.4	0	0	0	0	0	0	0	0
3/1/2024 19:55	44301 BEAV_T2	7	6	-1	0.39	0.37	-0.02	0	0	0	0	0	0	0	0
3/1/2024 19:55	62607 ENGL_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/1/2024 19:55	54501 ENOL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/1/2024 19:55	50102 HARR_T3	4	8	4	0.15	0.16	0.01	0	0	0	0	0	0	0	0
3/1/2024 19:55	56501 ROCK_T2	2	3	1	0.15	0.1	-0.05	0	0	0	0	0	0	0	0
3/1/2024 19:55	57301 MOAL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/1/2024 19:55	65004 NEFF_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/1/2024 19:55	56504 ROCK_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/1/2024 19:55	42204 SHEN_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/1/2024 19:55	60201 ATGL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/1/2024 19:55	17802 GILB_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/1/2024 19:55	45501 DERR_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/1/2024 19:55	40502 CRES_T2	7	10	3	0.39	0.27	-0.12	0	0	0	0	0	0	0	0
3/1/2024 19:55	46301 ROHR_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/1/2024 19:55	42002 MNVL_T2	1	1	0	5.5	5.5	0	0	0	0	0	0	0	0	0
3/1/2024 19:55	47403 PENS_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/1/2024 19:55	25502 MADI_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/1/2024 19:55	53901 HALI_T2	2	2	0	0.6	0.55	-0.05	0	0	0	0	0	0	0	0
3/1/2024 19:55	64202 KINZ_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/1/2024 19:55	56802 BENV_T2	2	9	7	0.25	0.14	-0.11	0	0	0	0	0	0	0	0
3/1/2024 19:56	56802 BENV_T2	2	9	7	0.25	0.14	-0.11	0	0	0	0	0	0	0	0
3/1/2024 19:56	46205 DANV_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/1/2024 19:56	50105 HARR_T3	6	6	0	5.8	5.68	-0.12	0	0	0	0	0	0	0	0
3/1/2024 19:56	65002 NEFF_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/1/2024 19:56	40901 JESH_T1	4	5	1	0.13	0.12	-0.01	0	0	0	0	0	0	0	0
3/1/2024 19:56	53903 HALI_T2	2	2	0	1.4	1.6	0.2	0	0	0	0	0	0	0	0
3/1/2024 19:56	50202 HARR_T3	1	1	0	0.3	0.3	0	0	0	0	0	0	0	0	0
3/1/2024 19:56	67201 TEHI_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/1/2024 19:56	13704 SCHN_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/1/2024 19:56	45402 WBLO_T2	13	15	2	0.12	0.15	0.03	0	0	0	0	0	0	0	0
3/1/2024 19:56	53602 DALM_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/1/2024 19:56	59002 MIFF_T1	4	6	2	0.33	0.52	0.19	0	0	0	0	0	0	0	0
3/1/2024 19:56	57401 SPAN_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/1/2024 19:56	20401 ASHF_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/1/2024 19:56	64902 MILL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/1/2024 19:56	54001 SDLE_T1	3	3	0	0.83	0.8	-0.03	0	0	0	0	0	0	0	0
3/1/2024 19:56	42203 SHEN_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/1/2024 19:56	21403 EXET_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/1/2024 19:56	51603 DUKE_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/1/2024 19:56	53801 MBRG_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/1/2024 19:56	43001 ALWD_T1	10	12	2	0.29	0.36	0.07	0	0	0	0	0	0	0	0
3/1/2024 19:56	46004 BERW_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/1/2024 19:56	44301 BEAV_T2	7	6	-1	0.39	0.37	-0.02	0	0	0	0	0	0	0	0
3/1/2024 19:56	54505 ENOL_T2	1	1	0	0.6	0.7	0.1	0	0	0	0	0	0	0	0
3/1/2024 19:56	43201 MVIL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/1/2024 19:56	57403 SPAN_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/1/2024 19:57	54506 ENOL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/1/2024 19:57	42701 AUGU_T1	1	1	0	0.8	0.9	0.1	0	0	0	0	0	0	0	0
3/1/2024 19:57	67502 WEWI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/1/2024 19:57	59301 MCAL_T1	5	25	20	0.58	0.23	-0.35	0	0	0	0	0	0	0	0
3/1/2024 19:57	66503 SMAN_T2	0	22	22	0	0.14	0.14	0	0	0	0	0	0	0	0
3/1/2024 19:57	60101 COCA_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/1/2024 19:57	15001 BLMO_T1	0	1	1	0	0	0	0	0	0	0	0	0	0	0
3/1/2024 19:57	14402 SSLA_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/1/2024 19:57	44601 SALE_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/1/2024 19:57	26002 WOAM_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/1/2024 19:57	54503 ENOL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/1/2024 19:57	51601 DUKE_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/1/2024 19:57	64801 MONE_T2	0	4	4	0	0.18	0.18	0	0	0	0	0	0	0	0
3/1/2024 19:57	43303 WATS_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/1/2024 19:57	43201 MVIL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/1/2024 19:57	65003 NEFF_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/1/2024 19:57	57403 SPAN_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/1/2024 19:57	54001 SDLE_T1	3	3	0	0.83	0.8	-0.03	0	0	0	0	0	0	0	0
3/1/2024 19:57	58401 MORO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/1/2024 19:57	43302 WATS_T2	4	4	0	0.33	0.5	0.17	0	0	0	0	0	0	0	0
3/1/2024 19:57	46001 BERW_T1	0	1	1	0	0	0	0	0	0	0	0	0	0	0
3/1/2024 19:57	17803 GILB_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/1/2024 19:57	55002 NEWP_T1	5	5	0	0.8	1	0.2	0	0	0	0	0	0	0	0
3/1/2024 19:57	40501 CRES_T2	1	1	0	0.2	0.2	0	0	0	0	0	0	0	0	0
3/1/2024 19:57	20602 GRWO_T2	48	66	18	0.21	0.25	0.04	0	0	0	0	0	0	0	0
3/1/2024 19:57	43201 MVIL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/1/2024 19:57	53101 WTWN_T1	1	1	0	0.4	0.3	-0.1	0	0	0	0	0	0	0	0
3/1/2024 19:58	41901 REED_T1	8	10	2	0.51	0.58	0.07	0	0	0	0	0	0	0	0
3/1/2024 19:58	56504 ROCK_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/1/2024 19:58	62601 ENGL_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/1/2024 19:58	66502 SMAN_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/1/2024 19:58	41601 CLEV_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/1/2024 19:58	60603 NCOL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/1/2024 19:58	46001 BERW_T1	0	1	1	0	0	0	0	0	0	0	0	0	0	0
3/1/2024 19:58	54504 ENOL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/1/2024 19:58	55001 NEWP_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/1/2024 19:58	58003 WCAR_T1	1	1	0	1.4	1.4	0	0	0	0	0	0	0	0	0
3/1/2024 19:58	45601 WOOL_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/1/2024 19:58	40101 HUNT_T2	6	12	6	0.27	0.23	-0.04	0	0	0	0	0	0	0	0
3/1/2024 19:58	56802 BENV_T2	2	9	7	0.25	0.14	-0.11	0	0	0	0	0	0	0	0
3/1/2024 19:58	23902 EFMO_T2	0	1	1	0	0	0	0	0	0	0	0	0	0	0
3/1/2024 19:58	54502 ENOL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/1/2024 19:58	42901 MIDD_T2	224	267	43	0.32	0.35	0.03	0	0	0	0	0	0	0	0
3/1/2024 19:58	67604 WARW_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/1/2024 19:58	42903 MIDD_T2	4	4	0	1.18	1.2	0.02	0	0	0	0	0	0	0	0
3/1/2024 19:58	64802 MONE_T2	4	16	12	0.13	0.12	-0.01	0	0	0	0	0	0	0	0
3/1/2024 19:58	28601 BLYT_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/1/2024 19:58	52502 PROG_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/1/2024 19:58	43303 WATS_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/1/2024 19:58	42002 MNVL_T2	1	1	0	5.5	5.5	0	0	0	0	0	0	0	0	0
3/1/2024 19:59	14404 SSLA_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/1/2024 19:59	62602 ENGL_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/1/2024 19:59	66505 SMAN_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/1/2024 19:59	54204 PENN_T2	2	2	0	0.1	0.35	0.25	0	0	0	0	0	0	0	0
3/1/2024 19:59	13704 SCHN_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/1/2024 19:59	60605 NCOL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/1/2024 19:59	44302 BEAV_T2	187	163	-24	0.45	0.45	0	0	0	0	0	0	0	0	0
3/1/2024 19:59	54504 ENOL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/1/2024 19:59	56802 BENV_T2	2	9	7	0.25	0.14	-0.11	0	0	0	0	0	0	0	0
3/1/2024 19:59	40101 HUNT_T2	6	12	6	0.27	0.23	-0.04	0	0	0	0	0	0	0	0
3/1/2024 19:59	42803 SELI_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/1/2024 19:59	53102 WTWN_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/1/2024 19:59	56504 ROCK_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/1/2024 19:59	64305 LINC_T1	1	2	1	0.1	0.35	0.25	0	0	0	0	0	0	0	0
3/1/2024 19:59	54001 SDLE_T1	3	3	0	0.83	0.8	-0.03	0	0	0	0	0	0	0	0
3/1/2024 19:59	45402 WBLO_T2	13	15	2	0.12	0.15	0.03	0	0	0	0	0	0	0	0
3/1/2024 20:00	57401 SPAN_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/1/2024 20:00	60201 ATGL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/1/2024 20:00	43302 WATS_T2	4	4	0	0.5	0.53	0.03	0	0	0	0	0	0	0	0
3/1/2024 20:00	65005 NEFF_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/1/2024 20:00	13701 SCHN_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/1/2024 20:00	42903 MIDD_T2	4	3	-1	1.18	1.6	0.42	0	0	0	0	0	0	0	0
3/1/2024 20:00	56802 BENV_T2	2	34	32	0.3	0.15	-0.15	0	0	0	0	0	0	0	0
3/1/2024 20:00	56801 BENV_T1	13	8	-5	0.38	0.6	0.22	0	0	0	0	0	0	0	0
3/1/2024 20:00	67501 WEWI_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/1/2024 20:00	41903 REED_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/1/2024 20:00	47403 PENS_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/1/2024 20:00	43001 ALWD_T1	12	11	-1	0.36	0.36	0	0	0	0	0	0	0	0	0
3/1/2024 20:00	54001 SDLE_T1	3	2	-1	0.8	0.75	-0.05	0	0	0	0	0	0	0	0
3/1/2024 20:01	56802 BENV_T2	2	34	32	0.3	0.15	-0.15	0	0	0	0	0	0	0	0
3/1/2024 20:01	60701 BREC_T1	196	445	249	0.17	0.41	0.24	0	0	0	0	0	0	0	0
3/1/2024 20:01	54503 ENOL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/1/2024 20:01	51603 DUKE_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/1/2024 20:01	41802 GOCI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/1/2024 20:01	54506 ENOL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/1/2024 20:01	56504 ROCK_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/1/2024 20:01	54202 PENN_T2	0	4	4	0	0.13	0.13	0	0	0	0	0	0	0	0
3/1/2024 20:01	56504 ROCK_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/1/2024 20:01	66701 STRA_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/1/2024 20:01	40101 HUNT_T2	12	11	-1	0.24	0.26	0.02	0	0	0	0	0	0	0	0
3/1/2024 20:01	46701 RENO_T1	128	132	4	0.33	0.3	-0.03	0	0	0	0	0	0	0	0
3/1/2024 20:02	44302 BEAV_T2	154	185	31	0.44	0.46	0.02	0	0	0	0	0	0	0	0
3/1/2024 20:02	44301 BEAV_T2	6	8	2	0.37	0.33	-0.04	0	0	0	0	0	0	0	0
3/1/2024 20:02	57403 SPAN_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/1/2024 20:02	56504 ROCK_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/1/2024 20:02	42801 SELI_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/1/2024 20:03	40903 JESH_T1	2	0	-2	0.15	0	-0.15	0	0	0	0	0	0	0	0
3/1/2024 20:03	47402 PENS_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/1/2024 20:03	44301 BEAV_T2	6	8	2	0.37	0.33	-0.04	0	0	0	0	0	0	0	0
3/1/2024 20:03	67401 WAKE_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/1/2024 20:03	46301 ROHR_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/1/2024 20:03	54501 ENOL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/1/2024 20:03	46801 HEPB_T2	2	2	0	0.2	0.15	-0.05	0	0	0	0	0	0	0	0
3/1/2024 20:03	42903 MIDD_T2	4	3	-1	1.18	1.6	0.42	0	0	0	0	0	0	0	0
3/1/2024 20:04	43202 MVIL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/1/2024 20:05	44301 BEAV_T2	6	8	2	0.37	0.33	-0.04	0	0	0	0	0	0	0	0
3/1/2024 20:06	43801 SWIL_T1	30	19	-11	0.44	0.58	0.14	0	0	0	0	0	0	0	0
3/1/2024 20:06	54506 ENOL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/1/2024 20:07	44302 BEAV_T2	154	185	31	0.44	0.46	0.02	0	0	0	0	0	0	0	0
3/1/2024 20:07	46702 RENO_T1	92	77	-15	0.2	0.19	-0.01	0	0	0	0	0	0	0	0
3/1/2024 20:07	43802 SWIL_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/1/2024 20:33	59201 THOM_T1	17	17	0	0.21	0.26	0.05	0	0	0	0	0	0	0	0
3/1/2024 20:36	62601 ENGL_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/1/2024 20:49	65001 NEFF_T2	246	246	0	0.47	0.64	0.17	0	0	0	0	0	0	0	0
3/1/2024 20:52	42701 AUGU_T1	1	1	0	0.9	0.8	-0.1	0	0	0	0	0	0	0	0
3/1/2024 21:00	64703 LITI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/1/2024 21:17	65003 NEFF_T2	2	0	-2	0.1	0	-0.1	0	0	0	0	0	0	0	0
3/1/2024 22:56	65005 NEFF_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/1/2024 23:18	65004 NEFF_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/1/2024 23:59	65005 NEFF_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/2/2024 0:31	65003 NEFF_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/2/2024 0:47	65003 NEFF_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/2/2024 1:15	65005 NEFF_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/2/2024 1:31	65004 NEFF_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/2/2024 1:52	65002 NEFF_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/2/2024 2:02	65002 NEFF_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/2/2024 2:28	65001 NEFF_T2	89	122	33	0.14	0.14	0	0	0	0	0	0	0	0	0
3/2/2024 2:55	65003 NEFF_T2	0	0	0	0	0	0	0	0	0	0	0

Appendix C - Grid Benefits Achieved in Each Instance of Active Management

3/2/2024 9:06	12301 LANA_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/2/2024 9:06	56504 ROCK_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/2/2024 9:06	40101 HUNT_T2	2	3	1	0.2	0.25	0.05	0	0	0	0	0	0	0	0
3/2/2024 9:07	47104 MARL_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/2/2024 9:07	58001 WCAR_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/2/2024 9:07	53502 EVIL_T2	1	1	0	0.9	0	-0.9	0	0	0	0	0	0	0	0
3/2/2024 9:07	41903 REED_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/2/2024 9:09	46204 DANV_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/2/2024 9:09	45402 WBLO_T2	0	1	1	0	0.6	0.6	0	0	0	0	0	0	0	0
3/2/2024 9:10	46202 DANV_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/2/2024 9:28	46201 DANV_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/2/2024 9:29	41802 GOCI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/2/2024 9:30	41801 GOCI_T2	0	3	3	0	0	0	0	0	0	0	0	0	0	0
3/2/2024 9:31	46801 HEPB_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/2/2024 9:37	56801 BENV_T1	0	11	11	0	0.95	0.95	0	0	0	0	0	0	0	0
3/2/2024 9:37	41901 REED_T1	1	0	-1	0.2	0	-0.2	0	0	0	0	0	0	0	0
3/2/2024 9:39	56803 BENV_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/2/2024 9:40	56801 BENV_T1	0	11	11	0	0.95	0.95	0	0	0	0	0	0	0	0
3/2/2024 9:40	10801 CHHI_T1	3	1	-2	0.47	0	-0.47	0	0	0	0	0	0	0	0
3/2/2024 9:42	56801 BENV_T1	0	11	11	0	0.95	0.95	0	0	0	0	0	0	0	0
3/2/2024 9:44	11103 EGYP_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/2/2024 9:49	65902 SAKR_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/2/2024 9:50	46701 RENO_T1	4	5	1	2.15	1.68	-0.47	0	0	0	0	0	0	0	0
3/2/2024 9:51	65901 SAKR_T2	1	1	0	7.5	7.9	0.4	0	0	0	0	0	0	0	0
3/2/2024 9:55	45502 DERR_T2	0	1	1	0	0	0	0	0	0	0	0	0	0	0
3/2/2024 9:58	11104 EGYP_T1	0	1	1	0	0	0	0	0	0	0	0	0	0	0
3/2/2024 10:01	46801 HEPB_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/2/2024 10:03	43202 MVIL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/2/2024 10:04	14403 SSLA_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/2/2024 10:07	12704 MACU_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/2/2024 10:08	67402 WAKE_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/2/2024 10:08	56801 BENV_T1	10	8	-2	0.79	0.98	0.19	0	0	0	0	0	0	0	0
3/2/2024 10:09	24902 WHHA_T1	1	2	1	0.6	0.3	-0.3	0	0	0	0	0	0	0	0
3/2/2024 10:09	44301 BEAV_T2	2	2	0	0.9	0.9	0	0	0	0	0	0	0	0	0
3/2/2024 10:10	67401 WAKE_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/2/2024 10:11	56801 BENV_T1	10	8	-2	0.79	0.98	0.19	0	0	0	0	0	0	0	0
3/2/2024 10:11	17805 GILB_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/2/2024 10:12	40501 CRES_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/2/2024 10:13	46803 HEPB_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/2/2024 10:19	56504 ROCK_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/2/2024 10:21	56504 ROCK_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/2/2024 10:23	26001 WDAM_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/2/2024 10:23	20402 ASHF_T2	5	7	2	0.44	0.43	-0.01	0	0	0	0	0	0	0	0
3/2/2024 10:24	45501 DERR_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/2/2024 10:25	46206 DANV_T2	0	1	1	0	0	0	0	0	0	0	0	0	0	0
3/2/2024 10:26	10801 CHHI_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/2/2024 10:26	45501 DERR_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/2/2024 10:27	40101 HUNT_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/2/2024 10:29	20601 GRWO_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/2/2024 10:32	40901 JESH_T1	1	1	0	1.4	1.3	-0.1	0	0	0	0	0	0	0	0
3/2/2024 10:32	52002 LING_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/2/2024 10:33	52006 LING_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/2/2024 10:33	65003 NEFF_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/2/2024 10:34	64101 REFR_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/2/2024 10:36	14403 SSLA_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/2/2024 10:37	65003 NEFF_T2	5	24	19	0.16	0.13	-0.03	0	0	0	0	0	0	0	0
3/2/2024 10:37	60201 ATGL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/2/2024 10:37	44302 BEAV_T2	114	159	45	0.44	0.48	0.04	0	0	0	0	0	0	0	0
3/2/2024 10:37	16302 ALPA_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/2/2024 10:38	16302 ALPA_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/2/2024 10:38	45402 WBLO_T2	1	0	-1	0.3	0	-0.3	0	0	0	0	0	0	0	0
3/2/2024 10:39	14402 SSLA_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/2/2024 10:39	12701 MACU_T1	0	1	1	0	0	0	0	0	0	0	0	0	0	0
3/2/2024 10:39	45402 WBLO_T2	1	0	-1	0.3	0	-0.3	0	0	0	0	0	0	0	0
3/2/2024 10:41	65001 NEFF_T2	5	24	19	0.16	0.13	-0.03	0	0	0	0	0	0	0	0
3/2/2024 10:41	16302 ALPA_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/2/2024 10:41	46002 BERW_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/2/2024 10:42	16302 ALPA_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/2/2024 10:43	17803 GILB_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/2/2024 10:43	17801 GILB_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/2/2024 10:44	17804 GILB_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/2/2024 10:44	64201 KINZ_T1	0	1	1	0	0.5	0.5	0	0	0	0	0	0	0	0
3/2/2024 10:45	27102 GFLD_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/2/2024 10:46	42902 MIDD_T2	46	67	21	0.32	0.39	0.07	0	0	0	0	0	0	0	0
3/2/2024 10:46	64203 KINZ_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/2/2024 10:46	46803 HEPB_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/2/2024 10:47	23901 EFMO_T2	0	1	1	0	0	0	0	0	0	0	0	0	0	0
3/2/2024 10:47	40601 PIGR_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/2/2024 10:47	46801 HEPB_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/2/2024 10:47	52006 LING_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/2/2024 10:47	47001 HUGH_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/2/2024 10:48	57401 SPAN_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/2/2024 10:48	47002 HUGH_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/2/2024 10:49	56504 ROCK_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/2/2024 10:49	14403 SSLA_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/2/2024 10:49	66502 SMAN_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/2/2024 10:50	40603 PIGR_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/2/2024 10:50	26001 WDAM_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/2/2024 10:50	12704 MACU_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/2/2024 10:51	57403 SPAN_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/2/2024 10:51	40601 PIGR_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/2/2024 10:52	14403 SSLA_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/2/2024 10:52	67502 WEWI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/2/2024 10:53	57401 SPAN_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/2/2024 10:54	46001 BERW_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/2/2024 10:54	14404 SSLA_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/2/2024 10:54	67503 WEWI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/2/2024 10:54	52503 PROG_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/2/2024 10:55	67502 WEWI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/2/2024 10:55	26001 WDAM_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/2/2024 10:59	66303 MCGO_T2	1	1	0	0.2	0.5	0.3	0	0	0	0	0	0	0	0
3/2/2024 10:59	28704 HAML_T2	99	53	-46	0.22	0.16	-0.06	0	0	0	0	0	0	0	0
3/2/2024 11:02	57304 MOAL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/2/2024 11:03	57304 MOAL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/2/2024 11:05	66504 SMAN_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/2/2024 11:05	29401 BELT_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/2/2024 11:05	44601 SALE_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/2/2024 11:06	55103 WENT_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/2/2024 11:06	44601 SALE_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/2/2024 11:06	59201 THOM_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/2/2024 11:08	56803 BENV_T1	2	2	0	0.6	0.4	-0.2	0	0	0	0	0	0	0	0
3/2/2024 11:09	60803 BUCK_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/2/2024 11:09	46003 BERW_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/2/2024 11:10	60201 ATGL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/2/2024 11:11	20603 GRWO_T2	101	108	7	0.4	0.44	0.04	0	0	0	0	0	0	0	0
3/2/2024 11:13	28801 LAKE_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/2/2024 11:14	66301 MCGO_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/2/2024 11:17	63204 MGTN_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/2/2024 11:18	66303 MCGO_T2	1	1	0	0.5	0.1	-0.4	0	0	0	0	0	0	0	0
3/2/2024 11:19	65005 NEFF_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/2/2024 11:26	16101 BING_T2	75	100	25	0.44	0.64	0.2	0	0	0	0	0	0	0	0
3/2/2024 11:26	60803 BUCK_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/2/2024 11:27	11103 EGYP_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/2/2024 11:29	11104 EGYP_T1	1	0	-1	2	0	-2	0	0	0	0	0	0	0	0
3/2/2024 11:30	53902 HALI_T2	1	1	0	4.8	4.9	0.1	0	0	0	0	0	0	0	0
3/2/2024 11:31	53901 HALI_T2	1	1	0	0.2	0.4	0.2	0	0	0	0	0	0	0	0
3/2/2024 11:33	56501 ROCK_T2	1	1	0	0.8	0.7	-0.1	0	0	0	0	0	0	0	0
3/2/2024 11:34	57403 SPAN_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/2/2024 11:34	65701 RVIL_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/2/2024 11:35	65003 NEFF_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/2/2024 11:35	57401 SPAN_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/2/2024 11:35	56501 ROCK_T2	1	1	0	0.8	0.7	-0.1	0	0	0	0	0	0	0	0
3/2/2024 11:36	20403 ASHF_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/2/2024 11:36	56504 ROCK_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/2/2024 11:36	66701 STRA_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/2/2024 11:37	56504 ROCK_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/2/2024 11:37	65701 RVIL_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/2/2024 11:37	14402 SSLA_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/2/2024 11:37	20401 ASHF_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/2/2024 11:37	56501 ROCK_T2	1	1	0	0.8	0.7	-0.1	0	0	0	0	0	0	0	0
3/2/2024 11:37	26001 WDAM_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/2/2024 11:37	57403 SPAN_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/2/2024 11:38	57403 SPAN_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/2/2024 11:39	14402 SSLA_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/2/2024 11:40	46004 BERW_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/2/2024 11:41	17804 GILB_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/2/2024 11:41	46002 BERW_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/2/2024 11:42	46002 BERW_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/2/2024 11:45	46803 HEPB_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/2/2024 11:45	17803 GILB_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/2/2024 11:46	17805 GILB_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/2/2024 11:46	17801 GILB_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/2/2024 11:47	55001 NEWP_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/2/2024 11:48	55001 NEWP_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/2/2024 11:48	46803 HEPB_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/2/2024 11:49	56501 ROCK_T2	1	1	0	0.9	0.6	-0.3	0	0	0	0	0	0	0	0
3/2/2024 11:49	55002 NEWP_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/2/2024 11:50	14402 SSLA_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/2/2024 11:52	14403 SSLA_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/2/2024 11:52	56501 ROCK_T2	1	1	0	0.9	0.6	-0.3	0	0	0	0	0	0	0	0
3/2/2024 11:53	56501 ROCK_T2	1	1	0	0.9	0.6	-0.3	0	0	0	0	0	0	0	0
3/2/2024 11:53	20402 ASHF_T2	2	4	2	1.85	0.87	-0.98	0	0	0	0	0	0	0	0
3/2/2024 11:53	56501 ROCK_T2	1	1	0	0.9	0.6	-0.3	0	0	0	0	0	0	0	0
3/2/2024 11:54	24901 WHHA_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/2/2024 11:55	56501 ROCK_T2	1	1	0	0.9	0.6	-0.3	0	0	0	0	0	0	0	0
3/2/2024 11:55	20401 ASHF_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/2/2024 11:57	20402 ASHF_T2	2	4	2	1.85	0.87	-0.98	0	0	0	0	0	0	0	0
3/2/2024 11:57	17801 GILB_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/2/2024 11:58	46803 HEPB_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/2/2024 11:58	20603 GRWO_T2	112	140	28	0.41	0.51	0.1	0	0	0	0	0	0	0	0
3/2/2024 11:59	20603 GRWO_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/2/2024 11:59	11104 EGYP_T1	0	3	3	0	0	0	0	0	0	0	0	0	0	0
3/2/2024 11:59	44302 BEAV_T2	234	152	-82	0.53	0.36	-0.17	0	0	0	0	0	0	0	0
3/2/2024 12:00	52004 LING_T2	1	1	0	0.6	0.5	-0.1	0	0	0	0	0	0	0	0
3/2/2024 12:00	46803 HEPB_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/2/2024 12:01	52006 LING_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/2/2024 12:01	46801 HEPB_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/2/2024 12:03	55001 NEWP_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/2/2024 12:03	54204 PENN_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/2/2024 12:03	52002 LING_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/2/2024 12:04	55002 NEWP_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/2/2024 12:05	63204 MGTN_T1	0	52	52	0	0.16	0.16	0	0	0	0	0	0	0	0
3/2/2024 12:06	43302 WATS_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/2/2024 12:06	65001 NEFF_T2	67	202	135	0.14	0.2	0.06	0	0	0	0	0	0	0	0
3/2/2024 12:07	20401 ASHF_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/2/2024 12:08	20401 ASHF_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/2/2024 12:08	43302 WATS_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/2/2024 12:08

3/2/2024 13:17	55002 NEWP_T1	0	1	1	0	0.1	0.1	0	0	0	0	0	0	0	0
3/2/2024 13:18	55001 NEWP_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/2/2024 13:22	14401 SSLA_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/2/2024 13:24	14401 SSLA_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/2/2024 13:32	55001 NEWP_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/2/2024 13:39	44301 BEAV_T2	13	13	0	0.58	0.56	-0.02	0	0	0	0	0	0	0	0
3/2/2024 13:40	44302 BEAV_T2	335	331	-4	0.63	0.62	-0.01	0	0	0	0	0	0	0	0
3/2/2024 13:42	44302 BEAV_T2	335	331	-4	0.63	0.62	-0.01	0	0	0	0	0	0	0	0
3/2/2024 13:43	54505 ENOL_T2	1	1	0	0.6	0.4	-0.2	0	0	0	0	0	0	0	0
3/2/2024 13:48	56503 ROCK_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/2/2024 13:48	46803 HEPB_T2	2	3	1	0.15	0.25	0.1	0	0	0	0	0	0	0	0
3/2/2024 13:50	56503 ROCK_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/2/2024 13:52	13701 SCHN_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/2/2024 13:53	42801 SELI_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/2/2024 13:53	56504 ROCK_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/2/2024 14:03	13302 ORVI_T2	13	19	6	0.38	0.3	-0.08	0	0	0	0	0	0	0	0
3/2/2024 14:04	56504 ROCK_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/2/2024 14:05	13302 ORVI_T2	13	19	6	0.38	0.3	-0.08	0	0	0	0	0	0	0	0
3/2/2024 14:07	43304 WATS_T2	0	1	1	0	0	0	0	0	0	0	0	0	0	0
3/2/2024 14:07	56802 BENV_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/2/2024 14:07	43001 ALWD_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/2/2024 14:07	56803 BENV_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/2/2024 14:08	66703 STRA_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/2/2024 14:08	43304 WATS_T2	0	1	1	0	0	0	0	0	0	0	0	0	0	0
3/2/2024 14:08	14802 TREI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/2/2024 14:09	56801 BENV_T1	10	14	4	1.13	1.03	-0.1	0	0	0	0	0	0	0	0
3/2/2024 14:10	41602 CLEV_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/2/2024 14:10	29401 BELT_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/2/2024 14:11	29401 BELT_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/2/2024 14:11	40502 CRES_T2	16	15	-1	0.24	0.21	-0.03	0	0	0	0	0	0	0	0
3/2/2024 14:11	42401 GIMA_T1	5	9	4	0.14	0.16	0.02	0	0	0	0	0	0	0	0
3/2/2024 14:11	56802 BENV_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/2/2024 14:12	56803 BENV_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/2/2024 14:13	56803 BENV_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/2/2024 14:14	57104 SPHI_T2	2	2	0	5	0	-5	0	0	0	0	0	0	0	0
3/2/2024 14:15	46803 HEPB_T2	0	2	2	0	0.1	0.1	0	0	0	0	0	0	0	0
3/2/2024 14:15	59302 MCAL_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/2/2024 14:16	63203 MGTN_T1	34	55	21	0.19	0.21	0.02	0	0	0	0	0	0	0	0
3/2/2024 14:17	46803 HEPB_T2	0	2	2	0	0.1	0.1	0	0	0	0	0	0	0	0
3/2/2024 14:18	46801 HEPB_T2	2	3	1	0.25	0.37	0.12	0	0	0	0	0	0	0	0
3/2/2024 14:19	65005 NEFF_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/2/2024 14:19	55002 NEWP_T1	1	1	0	0.1	0.2	0.1	0	0	0	0	0	0	0	0
3/2/2024 14:19	13302 ORVI_T2	13	19	6	0.23	0.32	0.09	0	0	0	0	0	0	0	0
3/2/2024 14:20	56503 ROCK_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/2/2024 14:20	56503 ROCK_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/2/2024 14:20	55001 NEWP_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/2/2024 14:21	65804 RTWN_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/2/2024 14:21	55002 NEWP_T1	1	1	0	0.1	0.2	0.1	0	0	0	0	0	0	0	0
3/2/2024 14:21	56802 BENV_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/2/2024 14:22	65801 RTWN_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/2/2024 14:22	43302 WATS_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/2/2024 14:23	43304 WATS_T2	0	1	1	0	0.1	0.1	0	0	0	0	0	0	0	0
3/2/2024 14:23	56802 BENV_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/2/2024 14:23	43001 ALWD_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/2/2024 14:24	43302 WATS_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/2/2024 14:24	66703 STRA_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/2/2024 14:24	43302 WATS_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/2/2024 14:25	41601 CLEV_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/2/2024 14:26	61306 EARL_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/2/2024 14:26	29401 BELT_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/2/2024 14:26	41602 CLEV_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/2/2024 14:26	43301 WATS_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/2/2024 14:27	29401 BELT_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/2/2024 14:28	17801 GILB_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/2/2024 14:29	17802 GILB_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/2/2024 14:29	17805 GILB_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/2/2024 14:30	46801 HEPB_T2	3	3	0	0.3	0.4	0.1	0	0	0	0	0	0	0	0
3/2/2024 14:30	57106 SPHI_T2	3	3	0	1.63	1.8	0.17	0	0	0	0	0	0	0	0
3/2/2024 14:31	64903 MILL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/2/2024 14:31	55002 NEWP_T1	1	1	0	0.2	0.3	0.1	0	0	0	0	0	0	0	0
3/2/2024 14:32	17802 GILB_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/2/2024 14:32	64305 LINC_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/2/2024 14:32	63204 MGTN_T1	12	27	15	0.15	0.18	0.03	0	0	0	0	0	0	0	0
3/2/2024 14:33	46803 HEPB_T2	2	2	0	0.1	0.15	0.05	0	0	0	0	0	0	0	0
3/2/2024 14:34	65005 NEFF_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/2/2024 14:34	40603 PIGR_T1	0	6	6	0	0	0	0	0	0	0	0	0	0	0
3/2/2024 14:34	46803 HEPB_T2	2	2	0	0.1	0.15	0.05	0	0	0	0	0	0	0	0
3/2/2024 14:34	56501 ROCK_T2	3	5	2	0.2	0.18	-0.02	0	0	0	0	0	0	0	0
3/2/2024 14:34	13704 SCHN_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/2/2024 14:35	57401 SPAN_T1	2	2	0	0.15	0.15	0	0	0	0	0	0	0	0	0
3/2/2024 14:35	55001 NEWP_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/2/2024 14:35	57401 SPAN_T1	2	2	0	0.15	0.15	0	0	0	0	0	0	0	0	0
3/2/2024 14:35	46302 ROHR_T1	1	4	3	0.6	0.5	-0.1	0	0	0	0	0	0	0	0
3/2/2024 14:35	13302 ORVI_T2	19	15	-4	0.3	0.31	0.01	0	0	0	0	0	0	0	0
3/2/2024 14:36	56504 ROCK_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/2/2024 14:36	57401 SPAN_T1	2	2	0	0.15	0.15	0	0	0	0	0	0	0	0	0
3/2/2024 14:36	57401 SPAN_T1	2	2	0	0.15	0.15	0	0	0	0	0	0	0	0	0
3/2/2024 14:36	42204 SHEN_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/2/2024 14:36	55002 NEWP_T1	1	1	0	0.2	0.3	0.1	0	0	0	0	0	0	0	0
3/2/2024 14:37	65804 RTWN_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/2/2024 14:37	65002 NEFF_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/2/2024 14:37	56802 BENV_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/2/2024 14:37	29401 BELT_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/2/2024 14:38	57401 SPAN_T1	2	2	0	0.15	0.15	0	0	0	0	0	0	0	0	0
3/2/2024 14:38	43302 WATS_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/2/2024 14:38	57401 SPAN_T1	2	2	0	0.15	0.15	0	0	0	0	0	0	0	0	0
3/2/2024 14:38	46302 ROHR_T1	1	4	3	0.6	0.5	-0.1	0	0	0	0	0	0	0	0
3/2/2024 14:38	56802 BENV_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/2/2024 14:38	65804 RTWN_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/2/2024 14:39	43303 WATS_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/2/2024 14:39	42503 ALTA_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/2/2024 14:39	57401 SPAN_T1	2	2	0	0.15	0.15	0	0	0	0	0	0	0	0	0
3/2/2024 14:40	43303 WATS_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/2/2024 14:40	29402 BELT_T1	1	1	0	6.6	6.4	-0.2	0	0	0	0	0	0	0	0
3/2/2024 14:40	43304 WATS_T2	1	1	0	0.1	0	-0.1	0	0	0	0	0	0	0	0
3/2/2024 14:41	56504 ROCK_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/2/2024 14:41	29401 BELT_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/2/2024 14:41	61302 EARL_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/2/2024 14:41	43303 WATS_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/2/2024 14:41	42401 GIMA_T1	9	5	-4	0.14	0.14	0	0	0	0	0	0	0	0	0
3/2/2024 14:42	43303 WATS_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/2/2024 14:42	29401 BELT_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/2/2024 14:43	42102 FRAI_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/2/2024 14:43	17801 GILB_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/2/2024 14:44	17804 GILB_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/2/2024 14:44	46801 HEPB_T2	3	3	0	0.3	0.4	0.1	0	0	0	0	0	0	0	0
3/2/2024 14:44	17801 GILB_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/2/2024 14:45	53901 HALI_T2	1	1	0	0.9	0.9	0	0	0	0	0	0	0	0	0
3/2/2024 14:46	53902 HALI_T2	1	1	0	5.3	5.6	0.3	0	0	0	0	0	0	0	0
3/2/2024 14:46	20601 GRWO_T2	0	1	1	0	0	0	0	0	0	0	0	0	0	0
3/2/2024 14:46	42902 MIDD_T2	49	52	3	0.3	0.38	0.08	0	0	0	0	0	0	0	0
3/2/2024 14:46	47101 MARL_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/2/2024 14:46	55001 NEWP_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/2/2024 14:47	55001 NEWP_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/2/2024 14:47	64903 MILL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/2/2024 14:47	63203 MGTN_T1	54	69	15	0.21	0.22	0.01	0	0	0	0	0	0	0	0
3/2/2024 14:47	46803 HEPB_T2	2	2	0	0.1	0.2	0.1	0	0	0	0	0	0	0	0
3/2/2024 14:48	64305 LINC_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/2/2024 14:48	46801 HEPB_T2	3	3	0	0.37	0.47	0.1	0	0	0	0	0	0	0	0
3/2/2024 14:48	46803 HEPB_T2	2	2	0	0.1	0.2	0.1	0	0	0	0	0	0	0	0
3/2/2024 14:49	65001 NEFF_T2	237	238	1	0.44	0.41	-0.03	0	0	0	0	0	0	0	0
3/2/2024 14:50	65002 NEFF_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/2/2024 14:50	66702 STRA_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/2/2024 14:51	13302 ORVI_T2	15	23	8	0.31	0.29	-0.02	0	0	0	0	0	0	0	0
3/2/2024 14:51	55001 NEWP_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/2/2024 14:53	65005 NEFF_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/2/2024 14:53	65801 RTWN_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/2/2024 14:54	65801 RTWN_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/2/2024 14:54	43001 ALWD_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/2/2024 15:02	42903 MIDD_T2	2	2	0	2.1	1.8	-0.3	0	0	0	0	0	0	0	0
3/2/2024 15:04	42203 SHEN_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/2/2024 15:05	40601 PIGR_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/2/2024 15:06	13302 ORVI_T2	13	23	10	0.22	0.29	0.07	0	0	0	0	0	0	0	0
3/2/2024 15:06	29401 BELT_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/2/2024 15:07	27502 WEIS_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/2/2024 15:09	29401 BELT_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/2/2024 15:09	67502 WEWI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/2/2024 15:13	52204 DEVO_T2	1	1	0	0.5	0.1	-0.4	0	0	0	0	0	0	0	0
3/2/2024 15:15	65005 NEFF_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/2/2024 15:18	58401 MORO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/2/2024 15:19	54001 SDLE_T1	3	2	-1	0.57	0.35	-0.22	0	0	0	0	0	0	0	0
3/2/2024 15:21	54001 SDLE_T1	3	2	-1	0.57	0.35	-0.22	0	0	0	0	0	0	0	0
3/2/2024 15:22	41002 LAUR_T2	2	6	4	0.75	0.33	-0.42	0	0	0	0	0	0	0	0
3/2/2024 15:40	40502 CRES_T2	14	15	1	0.24	0.23	-0.01	0	0	0	0	0	0	0	0
3/2/2024 15:41	40502 CRES_T2	14	15	1	0.24	0.23	-0.01	0	0	0	0	0	0	0	0
3/2/2024 15:42	40501 CRES_T2	0	1	1	0	0.1	0.1	0	0	0	0	0	0	0	0
3/2/2024 15:43	40502 CRES_T2	14	15	1	0.24	0.23	-0.01	0	0	0	0	0	0	0	0
3/2/2024 15:44	40501 CRES_T2	0	1	1	0	0.1	0.1	0	0	0	0	0	0	0	0
3/2/2024 15:45	40101 HUNT_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/2/2024 15:46	65004 NEFF_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/2/2024 15:47	40101 HUNT_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/2/2024 16:11	28602 BLYT_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/2/2024 16:27	40505 CRES_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/2/2024 16:28	40505 CRES_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/2/2024 16:29	40503 CRES_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/2/2024 16:38	42201 SHEN_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/2/2024 16:49	65003 NEFF_T2	3	1	-2	0.13	0.1	-0.03	0	0	0	3	0	0	0	0
3/2/2024 17:05	60801 BUCK_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/2/2024 17:06	40602 PIGR_T1	8	2	-6	0.25	0.1	-0.15	0	0	0	0	0	0	0	0
3/2/2024 18:41	65003 NEFF_T2	0	3	3	0	0.1	0.1	0	0	0	0	0	0	0	0
3/2/2024 19:38	65004 NEFF_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/2/2024 19:40	61306 EARL_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/2/2024 19:40	20603 GRWO_T2	126	152	26	0.47	0.53	0.06	0	0	0	0	0	0	0	0
3/2/2024 19:41	27101 GFLD_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/2/2024 19:42	64203 KINZ_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/2/2024 19:43	60801 BUCK_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/2/2024 19:43	17805 GILB_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/2/2024 19:43	40501 CRES_T2	1	6	5	0.2	0.18	-0.02	0	0	0	0	0	0	0	0
3/2/2024 19:43	28803 LAKE_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/2/2024 19:44	28702 HAML_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/2/2024 19:44	41801 GOCI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/2/2024 19:44	12701 MACU_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/2/2024 19:44	17804 GILB_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/2/2024 19:45	17802 GILB_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/2/2024 19:45	40502 CRES_T2	13	22	9	0.38	0.36	-0.02	0	0	0	0	0	0	0	0
3/2/2024 19:45	16101 BING_T2	0	0	0	0	0	0	0

3/2/2024 19:54	46004 BERW_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
3/2/2024 19:54	40601 PIGR_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
3/2/2024 19:54	65004 NEFF_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
3/2/2024 19:54	10801 CHNI_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
3/2/2024 19:54	65801 RTWN_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
3/2/2024 19:54	40502 CRES_T2	13	22	9	0.38	0.36	-0.02	0	0	0	0	0	0	0
3/2/2024 19:54	46101 MACI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
3/2/2024 19:54	40101 HUNT_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
3/2/2024 19:55	13302 ORVI_T2	10	18	8	0.23	0.33	0.1	0	0	0	0	0	0	0
3/2/2024 19:55	67503 WEWI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
3/2/2024 19:55	53901 HALI_T2	1	1	0	0.5	0.8	0.3	0	0	0	0	0	0	0
3/2/2024 19:55	43303 WATS_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
3/2/2024 19:55	65903 SAKR_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
3/2/2024 19:55	42801 SELI_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
3/2/2024 19:55	45501 DERR_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
3/2/2024 19:55	16302 ALPA_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
3/2/2024 19:55	60201 ATGL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
3/2/2024 19:55	40501 CRES_T2	3	8	5	0.23	0.28	0.05	0	0	0	0	0	0	0
3/2/2024 19:55	29401 BELT_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
3/2/2024 19:56	28604 BLYT_T2	1	1	0	0	0	0	0	0	0	0	0	0	0
3/2/2024 19:56	20602 GRWO_T2	3	32	29	0.2	0.21	0.01	0	0	0	0	0	0	0
3/2/2024 19:56	44601 SALE_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
3/2/2024 19:56	46803 HEPB_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
3/2/2024 19:56	45501 DERR_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
3/2/2024 19:56	42901 MIDD_T2	33	124	91	0.2	0.25	0.05	0	0	0	0	0	0	0
3/2/2024 19:56	47002 HUGH_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
3/2/2024 19:56	17802 GILB_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
3/2/2024 19:57	57302 MOAL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
3/2/2024 19:57	41602 CLEV_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
3/2/2024 19:57	57401 SPAN_T1	0	1	1	0	0	0	0	0	0	0	0	0	0
3/2/2024 19:57	65005 NEFF_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
3/2/2024 19:57	29401 BELT_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
3/2/2024 19:57	40502 CRES_T2	13	22	9	0.38	0.36	-0.02	0	0	0	0	0	0	0
3/2/2024 19:57	40504 CRES_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
3/2/2024 19:57	23902 EFMO_T2	0	1	1	0	0	0	0	0	0	0	0	0	0
3/2/2024 19:57	67502 WEWI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
3/2/2024 19:57	42201 SHEN_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
3/2/2024 19:57	40101 HUNT_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
3/2/2024 19:58	28801 LAKE_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
3/2/2024 19:58	40505 CRES_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
3/2/2024 19:58	57301 MOAL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
3/2/2024 19:58	46203 DANV_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
3/2/2024 19:58	47002 HUGH_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
3/2/2024 19:58	42203 SHEN_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
3/2/2024 19:58	67401 WAKE_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
3/2/2024 19:58	56802 BENV_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
3/2/2024 19:58	65901 SAKR_T2	1	1	0	8.5	8.8	0.3	0	0	0	0	0	0	0
3/2/2024 19:58	45402 WBLO_T2	1	2	1	0.2	0.7	0.5	0	0	0	0	0	0	0
3/2/2024 19:58	40502 CRES_T2	13	22	9	0.38	0.36	-0.02	0	0	0	0	0	0	0
3/2/2024 19:58	10801 CHNI_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
3/2/2024 19:59	56503 ROCK_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
3/2/2024 19:59	13704 SCHN_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
3/2/2024 19:59	46004 BERW_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
3/2/2024 19:59	40505 CRES_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
3/2/2024 19:59	41601 CLEV_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
3/2/2024 19:59	57401 SPAN_T1	0	1	1	0	0	0	0	0	0	0	0	0	0
3/2/2024 19:59	12704 MACU_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
3/2/2024 19:59	66701 STRA_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
3/2/2024 19:59	44302 BEAV_T2	125	171	46	0.38	0.42	0.04	0	0	0	0	0	0	0
3/2/2024 20:00	66504 SMAN_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
3/2/2024 20:00	53901 HALI_T2	1	1	0	0.7	0.8	0.1	0	0	0	0	0	0	0
3/2/2024 20:00	65804 RTWN_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
3/2/2024 20:00	43301 WATS_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
3/2/2024 20:00	42801 SELI_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
3/2/2024 20:00	43202 MVIL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
3/2/2024 20:00	46301 ROHR_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
3/2/2024 20:00	52501 PROG_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
3/2/2024 20:00	56801 BENV_T1	3	17	14	0.3	0.49	0.19	0	0	0	0	0	0	0
3/2/2024 20:01	57101 SPHI_T2	6	6	0	0.78	0.63	-0.15	0	0	0	0	0	0	0
3/2/2024 20:01	56503 ROCK_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
3/2/2024 20:01	56501 ROCK_T2	1	1	0	0.4	0.4	0	0	0	0	0	0	0	0
3/2/2024 20:01	40501 CRES_T2	6	8	2	0.18	0.3	0.12	0	0	0	0	0	0	0
3/2/2024 20:01	54504 ENOL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
3/2/2024 20:01	66505 SMAN_T2	3	3	0	0.63	0.87	0.24	0	0	0	0	0	0	0
3/2/2024 20:01	56801 BENV_T1	3	17	14	0.3	0.49	0.19	0	0	0	0	0	0	0
3/2/2024 20:01	63203 MGTN_T1	35	41	6	0.14	0.13	-0.01	0	0	0	0	0	0	0
3/2/2024 20:01	41801 GOCI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
3/2/2024 20:02	57403 SPAN_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
3/2/2024 20:02	43303 WATS_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
3/2/2024 20:02	55002 NEWP_T1	4	4	0	0.33	0.78	0.45	0	0	0	0	0	0	0
3/2/2024 20:02	66302 MCGO_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
3/2/2024 20:02	42902 MIDD_T2	48	70	22	0.33	0.43	0.1	0	0	0	0	0	0	0
3/2/2024 20:02	17803 GILB_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
3/2/2024 20:02	56803 BENV_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
3/2/2024 20:03	56801 BENV_T1	3	17	14	0.3	0.49	0.19	0	0	0	0	0	0	0
3/2/2024 20:03	66301 MCGO_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
3/2/2024 20:03	40503 CRES_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
3/2/2024 20:03	46803 HEPB_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
3/2/2024 20:03	42102 FRAI_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
3/2/2024 20:03	64301 LINC_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
3/2/2024 20:04	41903 REED_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
3/2/2024 20:04	46701 RENO_T1	31	54	23	0.41	0.32	-0.09	0	0	0	0	0	0	0
3/2/2024 20:04	65804 RTWN_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
3/2/2024 20:04	47104 MARL_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
3/2/2024 20:04	60201 ATGL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
3/2/2024 20:04	43301 WATS_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
3/2/2024 20:04	52202 DEVO_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
3/2/2024 20:04	46803 HEPB_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
3/2/2024 20:04	45402 WBLO_T2	1	2	1	1.3	0.2	-1.1	0	0	0	0	0	0	0
3/2/2024 20:04	56803 BENV_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
3/2/2024 20:04	43001 ALWD_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
3/2/2024 20:04	54001 SDLE_T1	1	1	0	0.7	1	0.3	0	0	0	0	0	0	0
3/2/2024 20:05	46201 DANV_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
3/2/2024 20:05	56801 BENV_T1	3	17	14	0.3	0.49	0.19	0	0	0	0	0	0	0
3/2/2024 20:05	40101 HUNT_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
3/2/2024 20:06	56504 ROCK_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
3/2/2024 20:06	56803 BENV_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
3/2/2024 20:06	43301 WATS_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
3/2/2024 20:07	40505 CRES_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
3/2/2024 20:07	67402 WAKE_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
3/2/2024 20:07	41903 REED_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
3/2/2024 20:07	54001 SDLE_T1	1	1	0	0.7	1	0.3	0	0	0	0	0	0	0
3/2/2024 20:08	40901 JESH_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
3/2/2024 20:08	46801 HEPB_T2	1	2	1	0.1	0.25	0.15	0	0	0	0	0	0	0
3/2/2024 20:08	52006 LING_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
3/2/2024 20:09	57403 SPAN_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
3/2/2024 20:09	52004 LING_T2	1	1	0	1.2	0.7	-0.5	0	0	0	0	0	0	0
3/2/2024 20:10	56504 ROCK_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
3/2/2024 20:10	41002 LAUR_T2	24	48	24	0.3	0.49	0.19	0	0	0	0	0	0	0
3/2/2024 20:11	52002 LING_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
3/2/2024 20:11	56504 ROCK_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
3/2/2024 20:12	42901 MIDD_T2	55	126	71	0.19	0.26	0.07	0	0	0	0	0	0	0
3/2/2024 20:12	58401 MORO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
3/2/2024 20:15	54001 SDLE_T1	1	3	2	1	0.27	-0.73	0	0	0	0	0	0	0
3/2/2024 20:26	65004 NEFF_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
3/2/2024 20:29	57403 SPAN_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
3/2/2024 20:47	65002 NEFF_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
3/2/2024 20:53	57403 SPAN_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
3/2/2024 22:16	65001 NEFF_T2	240	226	-14	0.46	0.29	-0.17	0	0	0	0	0	0	0
3/2/2024 23:03	65002 NEFF_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
3/2/2024 23:04	10801 CHNI_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
3/3/2024 0:16	59202 THOM_T1	0	1	1	0	0.1	0.1	0	0	0	0	0	0	0
3/3/2024 0:17	65004 NEFF_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
3/3/2024 0:43	40603 PIGR_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
3/3/2024 0:59	65004 NEFF_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
3/3/2024 1:20	65004 NEFF_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
3/3/2024 1:30	65005 NEFF_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
3/3/2024 2:02	65004 NEFF_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
3/3/2024 2:23	65004 NEFF_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
3/3/2024 3:05	65005 NEFF_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
3/3/2024 3:15	65001 NEFF_T2	240	243	3	0.48	0.5	0.02	0	0	0	0	0	0	0
3/3/2024 3:31	65005 NEFF_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
3/3/2024 4:23	65005 NEFF_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
3/3/2024 5:05	65004 NEFF_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
3/3/2024 5:32	65003 NEFF_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
3/3/2024 6:02	59201 THOM_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
3/3/2024 6:13	65002 NEFF_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
3/3/2024 6:24	65004 NEFF_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
3/3/2024 7:17	65001 NEFF_T2	0	1	1	0	0.1	0.1	0	0	0	0	0	0	0
3/3/2024 7:54	53902 HALI_T2	1	1	0	5.2	5.2	0	0	0	0	0	0	0	0
3/3/2024 8:14	46803 HEPB_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
3/3/2024 8:20	65003 NEFF_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
3/3/2024 8:22	29401 BELT_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
3/3/2024 8:37	29401 BELT_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
3/3/2024 8:46	64702 LITI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
3/3/2024 8:46	40101 HUNT_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
3/3/2024 8:51	65001 NEFF_T2	171	164	-7	0.17	0.18	0.01	0	0	0	0	0	0	0
3/3/2024 9:00	45501 DERR_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
3/3/2024 9:00	64201 KINZ_T1	9	7	-2	0.28	0.4	0.12	0	0	0	0	0	0	0
3/3/2024 9:00	59101 WALK_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
3/3/2024 9:00	54603 SUMM_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
3/3/2024 9:00	24105 EHAZ_T1	4	4	0	5.98	5.9	-0.08	0	0	0	0	0	0	0
3/3/2024 9:00	12303 LANA_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
3/3/2024 9:00	40504 CRES_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
3/3/2024 9:00	58402 MORO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
3/3/2024 9:00	43001 ALWD_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
3/3/2024 9:00	47104 MARL_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
3/3/2024 9:00	66302 MCGO_T2	1	1	0	1.5	1.1	-0.4	0	0	0	0	0	0	0
3/3/2024 9:00	42902 MIDD_T2	202	240	38	0.59	0.6	0.01	0	0	0	0	0	0	0
3/3/2024 9:00	65002 NEFF_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
3/3/2024 9:00	29401 BELT_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
3/3/2024 9:00	16103 BING_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
3/3/2024 9:00	53901 HALI_T2	2	1	-1	0.5	0.8	0.3	0	0	0	0	0	0	0
3/3/2024 9:00	47104 MARL_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
3/3/2024 9:00	67401 WAKE_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
3/3/2024 9:00	63203 MGTN_T1	59	32	-27	0.22	0.16	-0.06	0	0	0	0	0	0	0
3/3/2024 9:00	40602 PIGR_T1	1	0	-1	0.2	0	-0.2	0	0	0	0	0	0	0
3/3/2024 9:00	53502 EVIL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
3/3/2024 9:00	41901 REED_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
3/3/2024 9:00	40502 CRES_T2	3	4	1	0.2	0.18	-0.02	0	0	0	0	0	0	0
3/3/2024 9:00	60801 BUCK_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
3/3/2024 9:00	58003 WCAR_T1	1	1	0	0.2	0.4	0.2	0	0	0	0	0	0	0
3/3/2024 9:00	40101 HUNT_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
3/3/2024 9:01	46801 HEPB_T2	2	2	0	0.4	0.5	0.1	0	0	0	0	0	0	0
3/3/2024 9:01	40501 CRES_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
3/3/2024 9:02	56503 ROCK_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
3/3/2024 9:03	56504 ROCK_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
3/3/2024 9:04	67001 STHI_T2	1	1	0	0.1	0.2	0.1	0	0	0	0	0	0	0
3/3/2024 9:04	42901 MIDD_T2	394	470	76	0.48	0.55	0.07	0	0	0	0	0	0	0
3/3/2024 9:06	56501 ROCK_T2	2	3	1	1.85	0.8	-1.05	0	0	0	0	0	0	0
3/3/2024 9:07	46004 BERW_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
3/3/2024 9:07	43001 ALWD_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
3/3/2024 9:07	67001 STHI_T2	1	1	0	0.1	0.2	0.1	0	0	0	0	0	0	0
3/3/2024 9:07	10801 CHNI_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
3/3/2024 9:08	67002 STHI_T2	2	2	0	0.1	0.1	0	0	0	0	0	0	0	0
3/3/2024 9:08	60701 BREC_T1	0	0	0	0	0	0	0	0	0	0	0

Appendix C - Grid Benefits Achieved in Each Instance of Active Management

3/1/2024 9:44	40101 HUNT_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/1/2024 9:48	41903 REED_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/1/2024 9:49	43201 MVIL_T2	1	0	-1	0.1	0	-0.1	0	0	0	0	0	0	0	0
3/1/2024 9:51	26001 WDAM_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/1/2024 9:51	67604 WARW_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/1/2024 9:53	67402 WAKE_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/1/2024 9:53	67604 WARW_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/1/2024 9:58	46202 DANV_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/3/2024 10:01	40601 PIGR_T1	2	5	3	0.5	0.3	-0.2	0	0	0	0	0	0	0	0
3/3/2024 10:02	57303 MOAL_T2	1	1	0	7.6	7.5	-0.1	0	0	0	0	0	0	0	0
3/3/2024 10:03	57306 MOAL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/3/2024 10:04	48303 ORWI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/3/2024 10:04	42902 MIDD_T2	251	312	61	0.66	0.74	0.08	0	0	0	0	0	0	0	0
3/3/2024 10:06	40601 PIGR_T1	2	5	3	0.5	0.3	-0.2	0	0	0	0	0	0	0	0
3/3/2024 10:06	64101 REFR_T1	1	1	0	0.2	0.5	0.3	0	0	0	0	0	0	0	0
3/3/2024 10:06	56802 BENV_T2	0	1	1	0	0.1	0.1	0	0	0	0	0	0	0	0
3/3/2024 10:08	20402 ASHF_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/3/2024 10:09	60801 BUCK_T1	1	2	1	0.3	0.35	0.05	0	0	0	0	0	0	0	0
3/3/2024 10:09	42901 MIDD_T2	511	709	198	0.51	0.53	0.02	0	0	0	0	0	0	0	0
3/3/2024 10:10	20403 ASHF_T2	4	3	-1	0.4	0.67	0.27	0	0	0	0	0	0	0	0
3/3/2024 10:10	56802 BENV_T2	0	1	1	0	0.1	0.1	0	0	0	0	0	0	0	0
3/3/2024 10:12	44301 BEAV_T2	12	13	1	0.57	0.55	-0.02	0	0	0	0	0	0	0	0
3/3/2024 10:13	42401 GIMA_T1	0	1	1	0	0.1	0.1	0	0	0	0	0	0	0	0
3/3/2024 10:14	46803 HEPB_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/3/2024 10:15	47001 HUGH_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/3/2024 10:15	12704 MACU_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/3/2024 10:17	42902 MIDD_T2	281	327	46	0.67	0.75	0.08	0	0	0	0	0	0	0	0
3/3/2024 10:17	42903 MIDD_T2	154	227	73	1.08	0.79	-0.29	0	0	0	0	0	0	0	0
3/3/2024 10:18	46701 RENO_T1	1	3	2	7.7	2.73	-4.97	0	0	0	0	0	0	0	0
3/3/2024 10:19	52503 PROG_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/3/2024 10:19	42901 MIDD_T2	645	739	94	0.5	0.56	0.06	0	0	0	0	0	0	0	0
3/3/2024 10:21	65004 NEFF_T2	1	1	0	0.3	0.4	0.1	0	0	0	0	0	0	0	0
3/3/2024 10:21	56503 ROCK_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/3/2024 10:21	66701 STRA_T1	1	2	1	2.1	1.35	-0.75	0	0	0	0	0	0	0	0
3/3/2024 10:22	67502 WEWI_T2	1	2	1	1.2	1	-0.2	0	0	0	0	0	0	0	0
3/3/2024 10:22	26001 WDAM_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/3/2024 10:23	28602 BLYT_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/3/2024 10:23	47002 HUGH_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/3/2024 10:23	46003 BERW_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/3/2024 10:23	57401 SPAN_T1	8	16	8	0.48	0.45	-0.03	0	0	0	0	0	0	0	0
3/3/2024 10:23	29401 BELT_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/3/2024 10:24	46206 DANV_T2	0	2	2	0	0	0	0	0	0	0	0	0	0	0
3/3/2024 10:24	67503 WEWI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/3/2024 10:25	67503 WEWI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/3/2024 10:25	42901 MIDD_T2	645	739	94	0.5	0.56	0.06	0	0	0	0	0	0	0	0
3/3/2024 10:26	46206 DANV_T2	0	2	2	0	0	0	0	0	0	0	0	0	0	0
3/3/2024 10:26	29402 BELT_T1	1	1	0	7.2	7.3	0.1	0	0	0	0	0	0	0	0
3/3/2024 10:28	47002 HUGH_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/3/2024 10:30	64201 KINZ_T1	22	35	13	0.31	0.34	0.03	0	0	0	0	0	0	0	0
3/3/2024 10:30	12701 MACU_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/3/2024 10:31	47001 HUGH_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/3/2024 10:31	12704 MACU_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/3/2024 10:32	64201 KINZ_T1	22	35	13	0.31	0.34	0.03	0	0	0	0	0	0	0	0
3/3/2024 10:32	40602 PIGR_T1	1	2	1	0.4	0.85	0.45	0	0	0	0	0	0	0	0
3/3/2024 10:32	47402 PENS_T1	20	18	-2	0.26	0.27	0.01	0	0	0	0	0	0	0	0
3/3/2024 10:33	42903 MIDD_T2	658	733	75	0.53	0.58	0.05	0	0	0	0	0	0	0	0
3/3/2024 10:33	46206 DANV_T2	2	0	-2	0.3	0	-0.3	0	0	0	0	0	0	0	0
3/3/2024 10:35	47402 PENS_T1	20	18	-2	0.26	0.27	0.01	0	0	0	0	0	0	0	0
3/3/2024 10:35	42903 MIDD_T2	192	228	36	0.85	0.65	-0.2	0	0	0	0	0	0	0	0
3/3/2024 10:36	57401 SPAN_T1	16	21	5	0.44	0.37	-0.07	0	0	0	0	0	0	0	0
3/3/2024 10:37	66703 STRA_T1	12	136	124	0.42	0.26	-0.16	0	0	0	0	0	0	0	0
3/3/2024 10:37	57401 SPAN_T1	16	21	5	0.44	0.37	-0.07	0	0	0	0	0	0	0	0
3/3/2024 10:37	44301 BEAV_T2	13	16	3	0.54	0.55	0.01	0	0	0	0	0	0	0	0
3/3/2024 10:38	44301 BEAV_T2	13	16	3	0.54	0.55	0.01	0	0	0	0	0	0	0	0
3/3/2024 10:38	57401 SPAN_T1	16	21	5	0.44	0.37	-0.07	0	0	0	0	0	0	0	0
3/3/2024 10:38	29401 BELT_T1	0	2	2	0	0	0	0	0	0	0	0	0	0	0
3/3/2024 10:39	44302 BEAV_T2	446	484	38	0.74	0.78	0.04	0	0	0	0	0	0	0	0
3/3/2024 10:39	15001 BLMO_T1	1	1	0	0.6	0.6	0	0	0	0	0	0	0	0	0
3/3/2024 10:39	57401 SPAN_T1	16	21	5	0.44	0.37	-0.07	0	0	0	0	0	0	0	0
3/3/2024 10:40	42902 MIDD_T2	305	330	25	0.73	0.75	0.02	0	0	0	0	0	0	0	0
3/3/2024 10:41	53901 HALI_T2	1	3	2	0.9	0.57	-0.33	0	0	0	0	0	0	0	0
3/3/2024 10:41	15001 BLMO_T1	1	1	0	0.6	0.6	0	0	0	0	0	0	0	0	0
3/3/2024 10:41	60801 BUCK_T1	2	4	2	0.35	0.3	-0.05	0	0	0	0	0	0	0	0
3/3/2024 10:41	45501 DERR_T2	1	1	0	0.1	0.2	0.1	0	0	0	0	0	0	0	0
3/3/2024 10:42	28704 HAML_T2	194	191	-3	1.22	1.18	-0.04	0	0	0	0	0	0	0	0
3/3/2024 10:42	53901 HALI_T2	1	3	2	0.9	0.57	-0.33	0	0	0	0	0	0	0	0
3/3/2024 10:43	45502 DERR_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/3/2024 10:43	54503 ENOL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/3/2024 10:43	42401 GIMA_T1	1	0	-1	0.1	0	-0.1	0	0	0	0	0	0	0	0
3/3/2024 10:46	42903 MIDD_T2	208	204	-4	0.57	0.66	0.09	0	0	0	0	0	0	0	0
3/3/2024 10:46	55001 NEWP_T1	0	3	3	0	0.4	0.4	0	0	0	0	0	0	0	0
3/3/2024 10:46	65503 MOJO_T2	29	38	9	0.41	0.35	-0.06	0	0	0	0	0	0	0	0
3/3/2024 10:47	64201 KINZ_T1	24	29	5	0.43	0.33	-0.1	0	0	0	0	0	0	0	0
3/3/2024 10:47	52002 LING_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/3/2024 10:47	63201 MGTN_T2	0	1	1	0	0.2	0.2	0	0	0	0	0	0	0	0
3/3/2024 10:47	48303 ORWI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/3/2024 10:47	65003 NEFF_T2	2	2	0	0.4	0.35	-0.05	0	0	0	0	0	0	0	0
3/3/2024 10:48	56501 ROCK_T2	3	2	-1	0.17	0.25	0.08	0	0	0	0	0	0	0	0
3/3/2024 10:49	55002 NEWP_T1	8	9	1	0.71	0.47	-0.24	0	0	0	0	0	0	0	0
3/3/2024 10:49	64202 KINZ_T1	49	47	-2	0.35	0.28	-0.07	0	0	0	0	0	0	0	0
3/3/2024 10:49	57403 SPAN_T1	4	5	1	0.38	0.4	0.02	0	0	0	0	0	0	0	0
3/3/2024 10:49	65503 MOJO_T2	29	38	9	0.41	0.35	-0.06	0	0	0	0	0	0	0	0
3/3/2024 10:50	57403 SPAN_T1	4	5	1	0.38	0.4	0.02	0	0	0	0	0	0	0	0
3/3/2024 10:50	42902 MIDD_T2	320	327	7	0.72	0.74	0.02	0	0	0	0	0	0	0	0
3/3/2024 10:51	42901 MIDD_T2	699	689	-10	0.56	0.59	0.03	0	0	0	0	0	0	0	0
3/3/2024 10:52	65803 RTWN_T2	1	1	0	0.2	0.3	0.1	0	0	0	0	0	0	0	0
3/3/2024 10:52	66504 SMAN_T2	3	3	0	0.53	0.7	0.17	0	0	0	0	0	0	0	0
3/3/2024 10:52	44302 BEAV_T2	472	476	4	0.76	0.76	0	0	0	0	0	0	0	0	0
3/3/2024 10:52	56802 BENV_T2	1	0	-1	0.2	0	-0.2	0	0	0	0	0	0	0	0
3/3/2024 10:53	29401 BELT_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/3/2024 10:53	29401 BELT_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/3/2024 10:53	56802 BENV_T2	1	0	-1	0.2	0	-0.2	0	0	0	0	0	0	0	0
3/3/2024 10:54	29402 BELT_T1	1	1	0	6.7	7.3	0.6	0	0	0	0	0	0	0	0
3/3/2024 10:54	41602 CLEV_T1	1	0	-1	0.3	0	-0.3	0	0	0	0	0	0	0	0
3/3/2024 10:54	56802 BENV_T2	1	0	-1	0.2	0	-0.2	0	0	0	0	0	0	0	0
3/3/2024 10:55	44302 BEAV_T2	472	476	4	0.76	0.76	0	0	0	0	0	0	0	0	0
3/3/2024 10:55	29402 BELT_T1	1	1	0	6.7	7.3	0.6	0	0	0	0	0	0	0	0
3/3/2024 10:55	41601 CLEV_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/3/2024 10:55	23902 EFMO_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/3/2024 10:55	29401 BELT_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/3/2024 10:55	67503 WEWI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/3/2024 10:55	56802 BENV_T2	1	0	-1	0.2	0	-0.2	0	0	0	0	0	0	0	0
3/3/2024 10:56	61304 EARL_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/3/2024 10:57	41802 GOCI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/3/2024 10:57	56802 BENV_T2	1	0	-1	0.2	0	-0.2	0	0	0	0	0	0	0	0
3/3/2024 10:59	20603 GRWO_T2	459	511	52	0.5	0.51	0.01	0	0	0	0	0	0	0	0
3/3/2024 10:59	52006 LING_T2	0	1	1	0	0	0	0	0	0	0	0	0	0	0
3/3/2024 11:00	29401 BELT_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/3/2024 11:01	64301 LINC_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/3/2024 11:02	47401 PENS_T1	35	30	-5	0.32	0.29	-0.03	0	0	0	0	0	0	0	0
3/3/2024 11:02	40601 PIGR_T1	4	4	0	0.35	0.7	0.35	0	0	0	0	0	0	0	0
3/3/2024 11:02	64301 LINC_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/3/2024 11:03	44203 POIN_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/3/2024 11:04	42201 SHEN_T2	0	1	1	0	0.4	0.4	0	0	0	0	0	0	0	0
3/3/2024 11:04	44601 SALE_T2	1	1	0	0.1	0.2	0.1	0	0	0	0	0	0	0	0
3/3/2024 11:05	56504 ROCK_T2	1	1	0	0.2	0.2	0	0	0	0	0	0	0	0	0
3/3/2024 11:05	57401 SPAN_T1	20	13	-7	0.36	0.49	0.13	0	0	0	0	0	0	0	0
3/3/2024 11:05	44601 SALE_T2	1	1	0	0.1	0.2	0.1	0	0	0	0	0	0	0	0
3/3/2024 11:06	57403 SPAN_T1	4	6	2	0.4	0.43	0.03	0	0	0	0	0	0	0	0
3/3/2024 11:06	57401 SPAN_T1	20	13	-7	0.36	0.49	0.13	0	0	0	0	0	0	0	0
3/3/2024 11:08	55103 WERT_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/3/2024 11:08	42504 ALTA_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/3/2024 11:08	46004 BERW_T2	0	1	1	0	0	0	0	0	0	0	0	0	0	0
3/3/2024 11:09	29401 BELT_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/3/2024 11:09	60801 BUCK_T1	4	4	0	0.3	0.3	0	0	0	0	0	0	0	0	0
3/3/2024 11:10	29402 BELT_T1	1	2	1	7.3	3.65	-3.65	0	0	0	0	0	0	0	0
3/3/2024 11:11	54501 ENOL_T2	2	2	0	0.35	0.2	-0.15	0	0	0	0	0	0	0	0
3/3/2024 11:11	20601 GRWO_T2	1	6	5	0.1	0.2	0.1	0	0	0	0	0	0	0	0
3/3/2024 11:12	43001 ALWD_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/3/2024 11:14	60801 BUCK_T1	4	4	0	0.3	0.3	0	0	0	0	0	0	0	0	0
3/3/2024 11:15	54501 ENOL_T2	0	2	2	0	0.2	0.2	0	0	0	0	0	0	0	0
3/3/2024 11:20	57403 SPAN_T1	4	9	5	0.43	0.41	-0.02	0	0	0	0	0	0	0	0
3/3/2024 11:21	67002 STHI_T2	5	10	5	0.22	0.27	0.05	0	0	0	0	0	0	0	0
3/3/2024 11:23	65002 NEFF_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/3/2024 11:23	67003 STHI_T2	5	10	5	0.22	0.27	0.05	0	0	0	0	0	0	0	0
3/3/2024 11:24	60803 BUCK_T1	4	6	2	0.55	0.52	-0.03	0	0	0	0	0	0	0	0
3/3/2024 11:24	60201 ATGL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/3/2024 11:24	67002 STHI_T2	5	10	5	0.22	0.27	0.05	0	0	0	0	0	0	0	0
3/3/2024 11:25	54502 ENOL_T2	0	2	2	0	0.15	0.15	0	0	0	0	0	0	0	0
3/3/2024 11:25	60801 BUCK_T1	2	4	2	0.5	0.3	-0.2	0	0	0	0	0	0	0	0
3/3/2024 11:25	29402 BELT_T1	1	2	1	7.1	3.9	-3.2	0	0	0	0	0	0	0	0
3/3/2024 11:29	54503 ENOL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/3/2024 11:30	60801 BUCK_T1	4	2	-2	0.3	0.55	0.25	0	0	0	0	0	0	0	0
3/3/2024 11:31	64204 KINZ_T1	125	238	113	0.29	0.33	0.04	0	0	0	0	0	0	0	0
3/3/2024 11:31	64802 MONE_T2	2	2	0	0.25	0.3	0.05	0	0	0	0	0	0	0	0
3/3/2024 11:32	54503 ENOL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/3/2024 11:32	64201 KINZ_T1	18	27	9	0.41	0.42	0.01	0	0	0	0	0	0	0	0
3/3/2024 11:32	52502 PROG_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/3/2024 11:33	64202 KINZ_T1	38	48	10	0.33	0.37	0.04	0	0	0	0	0	0	0	0
3/3/2024 11:34	65001 NEFF_T2	200	198	-2	0.21	0.22	0.01	0	0	0	0	0	0	0	0
3/3/2024 11:34	64204 KINZ_T1	125	238	113	0.29	0.33	0.04	0	0	0	0	0	0	0	0
3/3/2024 11:34	64203 KINZ_T1	168	358	190	0.26	0.25	-0.01	0	0	0	0	0	0	0	0
3/3/2024 11:34	56503 ROCK_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/3/2024 11:34	42201 SHEN_T2	1	1	0	0.4	0.5	0.1	0	0	0	0	0	0	0	0
3/3/2024 11:34	65803 RTWN_T2	1	0	-1	0.2	0	-0.2	0	0	0	0	0	0	0	0
3/3/2024 11:34	66702 STRA_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/3/2024 11:34	40601 PIGR_T1	2	13	11	0.9	0.31	-0.59	0	0	0	0	0	0	0	0
3/3/2024 11:35	44203 POIN_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/3/2024 11:35	64802 MONE_T2	2	2	0	0.25	0.3	0.05	0	0	0	0	0	0	0	0
3/3/2024 11:36	56504 ROCK_T2	1	0	-1	0.2	0	-0.2	0	0	0	0	0	0	0	0
3/3/2024 11:36	56504 ROCK_T2	0	0	-1	0.2	0	-0.2	0	0	0	0	0	0	0	0
3/3/2024 11:36	26001 WDAM_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/3/2024 11:36	42201 SHEN_T2	1	1	0	0.4	0.5	0.1	0	0	0	0	0	0	0	0
3/3/2024 11:38	60803 BUCK_T1	6	6	0	0.52	0.52	0	0	0	0	0	0	0	0	0
3/3/2024 11:39	45502 DERR_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/3/2024 11:39	46003 BERW_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/3/2024 11:40	60801 BUCK_T1	4	2	-2	0.3	0.55	0.25	0	0	0	0	0	0	0	0
3/3/2024 11:40	42701 AUGU_T1	1	0	-1	0.2	0	-0.2	0	0	0	0	0	0	0	0
3/3/2024 11:40	26002 WDAM_T1	2	3	1	0.35	0.23	-0.12	0	0	0	0	0	0	0	0
3/3/2024 11:40	46002 BERW_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/3/2024 11:41	60803 BUCK_T1	6	6	0	0.52	0.52	0	0	0	0	0	0	0	0	0
3/3/2024 11:41	45501 DERR_T2	0	1	1	0	0.5	0.5	0	0	0	0	0	0	0	0
3/3/2024 11:42	44501 HAMI_T2	0	0

3/3/2024 12:08	67001 STHI_T2	4	3	-1	0.38	0.47	0.09	0	0	0	0	0	0	0
3/3/2024 12:09	61101 BERK_T5	2	2	0	0.55	0.8	0.25	0	0	0	0	0	0	0
3/3/2024 12:11	13302 ORVI_T2	10	7	-3	0.56	0.81	0.25	0	0	0	0	0	0	0
3/3/2024 12:16	64201 KINZ_T1	37	34	-3	0.36	0.44	0.08	0	0	0	0	0	0	0
3/3/2024 12:16	64201 KINZ_T1	37	34	-3	0.36	0.44	0.08	0	0	0	0	0	0	0
3/3/2024 12:17	25503 MADI_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
3/3/2024 12:18	64204 KINZ_T1	231	237	6	0.35	0.3	-0.05	0	0	0	0	0	0	0
3/3/2024 12:19	64201 KINZ_T1	37	34	-3	0.36	0.44	0.08	0	0	0	0	0	0	0
3/3/2024 12:20	64204 KINZ_T1	231	237	6	0.35	0.3	-0.05	0	0	0	0	0	0	0
3/3/2024 12:21	65005 NEFF_T2	1	1	0	0.6	0.5	-0.1	0	0	0	0	0	0	0
3/3/2024 12:21	66702 STRA_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
3/3/2024 12:25	45502 DERR_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
3/3/2024 12:26	45502 DERR_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
3/3/2024 12:28	45501 DERR_T2	1	1	0	0.5	0.6	0.1	0	0	0	0	0	0	0
3/3/2024 12:29	45502 DERR_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
3/3/2024 12:32	58401 MORO_T1	1	2	1	0.5	0.3	-0.2	0	0	0	0	0	0	0
3/3/2024 12:34	58401 MORO_T1	1	2	1	0.5	0.3	-0.2	0	0	0	0	0	0	0
3/3/2024 12:39	45501 DERR_T2	1	2	1	0.6	0.25	-0.35	0	0	0	0	0	0	0
3/3/2024 12:41	45501 DERR_T2	1	2	1	0.6	0.25	-0.35	0	0	0	0	0	0	0
3/3/2024 12:42	65003 NEFF_T2	1	2	1	0.5	0.55	0.05	0	0	0	0	0	0	0
3/3/2024 12:43	53901 HALI_T2	4	4	0	0.45	0.48	0.03	0	0	0	0	0	0	0
3/3/2024 12:44	47002 HUGH_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
3/3/2024 12:46	64201 KINZ_T1	34	52	18	0.42	0.32	-0.1	0	0	0	0	0	0	0
3/3/2024 12:47	64203 KINZ_T1	269	497	228	0.27	0.28	0.01	0	0	0	0	0	0	0
3/3/2024 12:48	47002 HUGH_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
3/3/2024 12:48	64202 KINZ_T1	34	74	40	0.37	0.33	-0.04	0	0	0	0	0	0	0
3/3/2024 12:48	65002 NEFF_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
3/3/2024 12:50	64202 KINZ_T1	34	74	40	0.37	0.33	-0.04	0	0	0	0	0	0	0
3/3/2024 12:51	52502 PROG_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
3/3/2024 12:51	64203 KINZ_T1	269	497	228	0.27	0.28	0.01	0	0	0	0	0	0	0
3/3/2024 12:53	66703 STRA_T1	117	212	95	0.27	0.39	0.12	0	0	0	0	0	0	0
3/3/2024 12:54	60803 BUCK_T1	3	3	0	0.13	0.37	0.24	0	0	0	0	0	0	0
3/3/2024 12:54	60201 ATGL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
3/3/2024 12:55	60801 BUCK_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
3/3/2024 12:58	53502 EVIL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
3/3/2024 12:58	60801 BUCK_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
3/3/2024 12:59	53502 EVIL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
3/3/2024 12:59	25501 MADI_T1	0	2	2	0	1.1	0	0	0	0	0	0	0	0
3/3/2024 13:00	59301 MCAL_T1	10	11	1	0.66	0.62	-0.04	0	0	0	0	0	0	0
3/3/2024 13:01	59301 MCAL_T1	10	11	1	0.66	0.62	-0.04	0	0	0	0	0	0	0
3/3/2024 13:02	66303 MCGO_T2	4	6	2	0.4	0.43	0.03	0	0	0	0	0	0	0
3/3/2024 13:03	65001 NEFF_T2	63	96	33	0.14	0.14	0	0	0	0	0	0	0	0
3/3/2024 13:04	15604 NSTR_T1	1	1	0	1	0.6	-0.4	0	0	0	0	0	0	0
3/3/2024 13:08	46003 BERW_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
3/3/2024 13:20	26001 WDAM_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
3/3/2024 13:23	13302 ORVI_T2	6	8	2	0.83	0.73	-0.1	0	0	0	0	0	0	0
3/3/2024 13:25	54503 ENOL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
3/3/2024 13:26	54503 ENOL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
3/3/2024 13:27	54505 ENOL_T2	2	2	0	0.65	0.6	-0.05	0	0	0	0	0	0	0
3/3/2024 13:28	54506 ENOL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
3/3/2024 13:29	54505 ENOL_T2	2	2	0	0.65	0.6	-0.05	0	0	0	0	0	0	0
3/3/2024 13:29	65004 NEFF_T2	1	2	1	0.1	0.1	0	0	0	0	0	0	0	0
3/3/2024 13:34	54206 PENN_T2	0	1	1	0	0.1	0.1	0	0	0	0	0	0	0
3/3/2024 13:35	65002 NEFF_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
3/3/2024 13:38	58001 WCAR_T1	1	3	2	0.2	0.23	0.03	0	0	0	0	0	0	0
3/3/2024 13:40	58003 WCAR_T1	1	1	0	0.7	0.6	-0.1	0	0	0	0	0	0	0
3/3/2024 13:40	46004 BERW_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
3/3/2024 13:42	46004 BERW_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
3/3/2024 13:42	54505 ENOL_T2	2	2	0	0.5	0.65	0.15	0	0	0	0	0	0	0
3/3/2024 13:45	47002 HUGH_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
3/3/2024 13:46	53903 HALI_T2	4	13	9	0.8	0.58	-0.22	0	0	0	0	0	0	0
3/3/2024 13:47	59301 MCAL_T1	9	6	-3	0.51	0.43	-0.08	0	0	0	0	0	0	0
3/3/2024 13:48	47002 HUGH_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
3/3/2024 13:49	64202 KINZ_T1	70	85	15	0.38	0.37	-0.01	0	0	0	0	0	0	0
3/3/2024 13:50	40602 PIGR_T1	2	0	-2	0.35	0	-0.35	0	0	0	0	0	0	0
3/3/2024 13:51	53902 HALI_T2	1	4	3	5.9	1.8	-4.1	0	0	0	0	0	0	0
3/3/2024 13:52	42802 SELI_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
3/3/2024 13:58	20601 GRWO_T2	19	22	3	0.16	0.14	-0.02	0	0	0	0	0	0	0
3/3/2024 14:05	26001 WDAM_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
3/3/2024 14:06	66701 STRA_T1	1	1	0	1.7	0.8	-0.9	0	0	0	0	0	0	0
3/3/2024 14:07	56803 BENV_T1	5	3	-2	0.48	0.97	0.49	0	0	0	0	0	0	0
3/3/2024 14:08	42204 SHEN_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
3/3/2024 14:08	56803 BENV_T1	5	3	-2	0.48	0.97	0.49	0	0	0	0	0	0	0
3/3/2024 14:09	56801 BENV_T1	28	31	3	0.84	0.9	0.06	0	0	0	0	0	0	0
3/3/2024 14:09	56802 BENV_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
3/3/2024 14:10	42201 SHEN_T2	1	1	0	0.3	0.1	-0.2	0	0	0	0	0	0	0
3/3/2024 14:12	53901 HALI_T2	3	10	7	0.53	0.35	-0.18	0	0	0	0	0	0	0
3/3/2024 14:12	56801 BENV_T1	28	31	3	0.84	0.9	0.06	0	0	0	0	0	0	0
3/3/2024 14:13	56802 BENV_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
3/3/2024 14:13	54506 ENOL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
3/3/2024 14:15	53901 HALI_T2	10	2	-8	0.35	0.95	0.6	0	0	0	0	0	0	0
3/3/2024 14:17	40601 PIGR_T1	5	4	-1	0.42	0.48	0.06	0	0	0	0	0	0	0
3/3/2024 14:17	58402 MORO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
3/3/2024 14:18	25503 MADI_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
3/3/2024 14:19	58401 MORO_T1	1	2	1	0.1	0.15	0.05	0	0	0	0	0	0	0
3/3/2024 14:19	65502 MOJO_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
3/3/2024 14:20	65503 MOJO_T2	9	4	-5	0.32	0.47	0.15	0	0	0	0	0	0	0
3/3/2024 14:20	13302 ORVI_T2	12	4	-8	0.5	1	0.5	0	0	0	0	0	0	0
3/3/2024 14:20	26001 WDAM_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
3/3/2024 14:21	65005 NEFF_T2	1	1	0	0.2	0.1	-0.1	0	0	0	0	0	0	0
3/3/2024 14:21	56503 ROCK_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
3/3/2024 14:21	42203 SHEN_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
3/3/2024 14:22	66702 STRA_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
3/3/2024 14:22	65001 NEFF_T2	9	0	-9	0.17	0	-0.17	0	0	0	0	0	0	0
3/3/2024 14:23	27502 WEIS_T2	2	0	-2	0.2	0	-0.2	0	0	0	0	0	0	0
3/3/2024 14:24	46003 BERW_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
3/3/2024 14:24	67605 WARW_T1	19	17	-2	0.79	0.69	-0.1	0	0	0	0	0	0	0
3/3/2024 14:26	67604 WARW_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
3/3/2024 14:26	60801 BUCK_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
3/3/2024 14:26	53502 EVIL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
3/3/2024 14:27	43001 ALWD_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
3/3/2024 14:28	53901 HALI_T2	10	2	-8	0.35	0.95	0.6	0	0	0	0	0	0	0
3/3/2024 14:29	54501 ENOL_T2	2	1	-1	0.1	0.1	0	0	0	0	0	0	0	0
3/3/2024 14:30	53903 HALI_T2	5	7	2	0.86	0.77	-0.09	0	0	0	0	0	0	0
3/3/2024 14:31	46801 HEPB_T2	3	3	0	0.53	0.5	-0.03	0	0	0	0	0	0	0
3/3/2024 14:32	46803 HEPB_T2	2	2	0	0.2	0.2	0	0	0	0	0	0	0	0
3/3/2024 14:32	64204 KINZ_T1	255	199	-56	0.34	0.25	-0.09	0	0	0	0	0	0	0
3/3/2024 14:33	25502 MADI_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
3/3/2024 14:34	56504 ROCK_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
3/3/2024 14:36	65001 NEFF_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
3/3/2024 14:36	64203 KINZ_T1	272	194	-78	0.25	0.2	-0.05	0	0	0	0	0	0	0
3/3/2024 14:36	13302 ORVI_T2	4	4	0	1	0.9	-0.1	0	0	0	0	0	0	0
3/3/2024 14:37	53101 WTWN_T1	3	3	0	0.23	0.43	0.2	0	0	0	0	0	0	0
3/3/2024 14:37	42203 SHEN_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
3/3/2024 14:38	53101 WTWN_T1	3	3	0	0.23	0.43	0.2	0	0	0	0	0	0	0
3/3/2024 14:38	66701 STRA_T1	1	0	-1	0.8	0	-0.8	0	0	0	0	0	0	0
3/3/2024 14:39	45502 DERR_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
3/3/2024 14:39	29402 BELT_T1	1	1	0	7.9	7.8	-0.1	0	0	0	0	0	0	0
3/3/2024 14:39	67502 WEWI_T2	2	3	1	0.65	0.3	-0.35	0	0	0	0	0	0	0
3/3/2024 14:39	57403 SPAN_T1	28	21	-7	0.31	0.3	-0.01	0	0	0	0	0	0	0
3/3/2024 14:40	46002 BERW_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
3/3/2024 14:40	67604 WARW_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
3/3/2024 14:40	46005 BERW_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
3/3/2024 14:41	67604 WARW_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
3/3/2024 14:41	46001 BERW_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
3/3/2024 14:42	60801 BUCK_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
3/3/2024 14:43	46003 BERW_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
3/3/2024 14:43	45501 DERR_T2	1	1	0	0.5	0.3	-0.2	0	0	0	0	0	0	0
3/3/2024 14:44	25503 MADI_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
3/3/2024 14:44	53902 HALI_T2	3	2	-1	2.23	3.2	0.97	0	0	0	0	0	0	0
3/3/2024 14:45	20601 GRWO_T2	12	8	-4	0.16	0.21	0.05	0	0	0	0	0	0	0
3/3/2024 14:45	53902 HALI_T2	2	2	0	3.1	3.15	0.05	0	0	0	0	0	0	0
3/3/2024 14:45	58402 MORO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
3/3/2024 14:46	46801 HEPB_T2	2	10	8	0.7	0.24	-0.46	0	0	0	0	0	0	0
3/3/2024 14:46	66303 MCGO_T2	2	2	0	0.5	0.55	0.05	0	0	0	0	0	0	0
3/3/2024 14:47	59402 RFLD_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
3/3/2024 14:47	28801 LAKE_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
3/3/2024 14:47	46801 HEPB_T2	2	10	8	0.7	0.24	-0.46	0	0	0	0	0	0	0
3/3/2024 14:48	58401 MORO_T1	2	1	-1	0.15	0.4	0.25	0	0	0	0	0	0	0
3/3/2024 14:48	46803 HEPB_T2	1	4	3	0.1	0.18	0.08	0	0	0	0	0	0	0
3/3/2024 14:51	56503 ROCK_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
3/3/2024 14:51	56503 ROCK_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
3/3/2024 14:52	65002 NEFF_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
3/3/2024 14:53	56503 ROCK_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
3/3/2024 14:53	65005 NEFF_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
3/3/2024 14:55	54506 ENOL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
3/3/2024 14:55	56802 BENV_T2	0	1	1	0	0.2	0.2	0	0	0	0	0	0	0
3/3/2024 14:55	29401 BELT_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
3/3/2024 14:55	27503 WEIS_T2	1	0	-1	0.5	0	-0.5	0	0	0	0	0	0	0
3/3/2024 14:58	53501 EVIL_T2	17	12	-5	0.56	0.52	-0.04	0	0	0	0	0	0	0
3/3/2024 15:02	13302 ORVI_T2	3	2	-1	1	0.75	-0.25	0	0	0	0	0	0	0
3/3/2024 15:04	64204 KINZ_T1	180	209	29	0.21	0.26	0.05	0	0	0	0	0	0	0
3/3/2024 15:07	45402 WBLO_T2	0	1	1	0	1.1	1.1	0	0	0	0	0	0	0
3/3/2024 15:07	26002 WDAM_T1	1	2	1	0.2	0.45	0.25	0	0	0	0	0	0	0
3/3/2024 15:08	64204 KINZ_T1	180	209	29	0.21	0.26	0.05	0	0	0	0	0	0	0
3/3/2024 15:08	45402 WBLO_T2	0	1	1	0	1.1	1.1	0	0	0	0	0	0	0
3/3/2024 15:11	45402 WBLO_T2	0	1	1	0	1.1	1.1	0	0	0	0	0	0	0
3/3/2024 15:15	65002 NEFF_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
3/3/2024 15:16	20601 GRWO_T2	8	2	-6	0.21	0.15	-0.06	0	0	0	0	0	0	0
3/3/2024 15:31	47001 HUGH_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
3/3/2024 15:32	59302 MCAL_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
3/3/2024 15:33	47002 HUGH_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
3/3/2024 15:36	15604 NSTR_T1	1	1	0	0.9	0.4	-0.5	0	0	0	0	0	0	0
3/3/2024 15:43	47001 HUGH_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
3/3/2024 15:47	47001 HUGH_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
3/3/2024 15:48	58402 MORO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
3/3/2024 15:51	65005 NEFF_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
3/3/2024 15:51	40601 PIGR_T1	1	0	-1	0.3	0	-0.3	0	0	0	0	0	0	0
3/3/2024 15:56	45501 DERR_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
3/3/2024 15:59	45502 DERR_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
3/3/2024 16:05	26002 WDAM_T1	5	14	9	0.22	0.34	0.12	0	0	0	0	0	0	0
3/3/2024 16:07	65001 NEFF_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
3/3/2024 16:35	40501 CRES_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
3/3/2024 16:37	14705 TREX_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
3/3/2024 16:38	40501 CRES_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
3/3/2024 16:57	65002 NEFF_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
3/3/2024 17:01	24702 FLND_T2	1	2	1	0.5	0	-0.5	0	0	0	0	0	0	0
3/3/2024 17:09	65001 NEFF_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
3/3/2024 17:45	65005 NEFF_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
3/3/2024 18:33	65005 NEFF_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
3/3/2024 18:43	65001 NEFF_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
3/3/2024 19:05	56503 ROCK_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
3/3/2024 19:28	59402 RFLD_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
3/3/2024 19:44	29401 BELT_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
3/3/2024 19:47	40101 HUNT_T2	1	1	1	0	0	0	0	0	0	0	0	0	0
3/3/2024 19:48	40101 HUNT_T2	0	1	1	0	0	0	0	0	0	0	0	0	0
3/3/2024 19:48	43202 MVIL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
3/3/2024 19:49	29402 BELT_T1	1	1	0	6.5	7.2	0.7	0	0	0	0	0	0	0
3/3/2024 19:49	43201 MVIL_T2	0	1	1	0	0	0	0	0	0	0	0	0	0
3/3/2024 19:51	64202 KINZ_T1	0	1	1	0	0.3	0.3	0	0	0	0	0	0	0
3/3/2024 19:51	20401 ASHF_T2	0	1	1	0	0	0	0	0	0	0	0	0	0
3/3/2024 19:51	43201 MVIL_T2	0	1	1	0	0	0	0	0	0	0	0	0	0
3/3/2024 19:52	29402 BELT_T1	1	1	0	6.5	7.

3/3/2024 20:00	13302 ORVI_T2	19	54	35	0.25	0.22	-0.03	0	0	0	0	0	0	0	0
3/3/2024 20:01	67502 WEWI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/3/2024 20:01	65502 MOJO_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/3/2024 20:02	14705 TREX_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/3/2024 20:02	65002 NEFF_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/3/2024 20:02	46101 MACI_T2	0	2	2	0	0.15	0.15	0	0	0	0	0	0	0	0
3/3/2024 20:03	65004 NEFF_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/3/2024 20:03	42504 ALTA_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/3/2024 20:03	60803 BUCK_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/3/2024 20:03	29402 BELT_T1	1	1	0	7.2	7.6	0.4	0	0	0	0	0	0	0	0
3/3/2024 20:03	40502 CRES_T2	16	18	2	0.33	0.26	-0.07	0	0	0	0	0	0	0	0
3/3/2024 20:04	28803 LAKE_T1	0	1	1	0	0	0	0	0	0	0	0	0	0	0
3/3/2024 20:04	15001 BLMO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/3/2024 20:04	13302 ORVI_T2	19	54	35	0.25	0.22	-0.03	0	0	0	0	0	0	0	0
3/3/2024 20:04	48303 ORWI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/3/2024 20:05	67604 WARW_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/3/2024 20:05	41801 GOCI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/3/2024 20:05	54504 ENOL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/3/2024 20:05	56802 BENV_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/3/2024 20:05	60201 ATGL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/3/2024 20:05	57401 SPAN_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/3/2024 20:05	40601 PIGR_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/3/2024 20:05	65803 RTWN_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/3/2024 20:05	64305 LINC_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/3/2024 20:05	56501 ROCK_T2	1	4	3	0.4	0.1	-0.3	0	0	0	0	0	0	0	0
3/3/2024 20:05	67402 WAKE_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/3/2024 20:05	52006 LING_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/3/2024 20:05	55002 NEWP_T1	4	5	1	1.5	1.62	0.12	0	0	0	0	0	0	0	0
3/3/2024 20:05	15001 BLMO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/3/2024 20:06	65502 MOJO_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/3/2024 20:06	20403 ASHF_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/3/2024 20:06	42203 SHEN_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/3/2024 20:06	67401 WAKE_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/3/2024 20:06	20603 GRWO_T2	114	149	35	0.38	0.44	0.06	0	0	0	0	0	0	0	0
3/3/2024 20:06	40601 PIGR_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/3/2024 20:06	47001 HUGH_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/3/2024 20:06	15001 BLMO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/3/2024 20:06	42401 GIMA_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/3/2024 20:06	63203 MGTN_T1	0	3	3	0	0.13	0.13	0	0	0	0	0	0	0	0
3/3/2024 20:06	64802 MONE_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/3/2024 20:06	54502 ENOL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/3/2024 20:06	56802 BENV_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/3/2024 20:06	28602 BLYT_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/3/2024 20:06	53902 HALI_T2	1	1	0	4.9	5.4	0.5	0	0	0	0	0	0	0	0
3/3/2024 20:07	66703 STRA_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/3/2024 20:07	64301 LINC_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/3/2024 20:07	46202 DANV_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/3/2024 20:07	44601 SALE_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/3/2024 20:07	45301 WBER_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/3/2024 20:07	45502 DERR_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/3/2024 20:07	67605 WARW_T1	10	10	0	0.27	0.36	0.09	0	0	0	0	0	0	0	0
3/3/2024 20:07	64203 KINZ_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/3/2024 20:07	56802 BENV_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/3/2024 20:07	41602 CLEV_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/3/2024 20:07	47403 PENS_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/3/2024 20:07	57304 MOAL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/3/2024 20:07	23901 EFMO_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/3/2024 20:07	46003 BERW_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/3/2024 20:07	42201 SHEN_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/3/2024 20:07	57401 SPAN_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/3/2024 20:07	58003 WCAR_T1	1	1	0	0.8	1.2	0.4	0	0	0	0	0	0	0	0
3/3/2024 20:07	46204 DANV_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/3/2024 20:07	59301 MCAL_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/3/2024 20:07	44301 BEAV_T2	12	13	1	0.46	0.51	0.05	0	0	0	0	0	0	0	0
3/3/2024 20:07	42901 MIDD_T2	231	358	127	0.38	0.42	0.04	0	0	0	0	0	0	0	0
3/3/2024 20:07	53501 EVIL_T2	1	3	2	0.7	0.6	-0.1	0	0	0	0	0	0	0	0
3/3/2024 20:08	45502 DERR_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/3/2024 20:08	55001 NEWP_T1	39	1	-38	0.23	0.2	-0.03	0	0	0	0	0	0	0	0
3/3/2024 20:08	53101 WTWN_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/3/2024 20:08	56504 ROCK_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/3/2024 20:08	46003 BERW_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/3/2024 20:08	12701 MACU_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/3/2024 20:08	46801 HEPB_T2	2	3	1	0.25	0.3	0.05	0	0	0	0	0	0	0	0
3/3/2024 20:08	57403 SPAN_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/3/2024 20:09	44301 BEAV_T2	12	13	1	0.46	0.51	0.05	0	0	0	0	0	0	0	0
3/3/2024 20:09	58401 MORO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/3/2024 20:09	54501 ENOL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/3/2024 20:09	63201 MGTN_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/3/2024 20:09	43201 MVIL_T2	1	0	-1	0.4	0	-0.4	0	0	0	0	0	0	0	0
3/3/2024 20:09	58003 WCAR_T1	1	1	0	0.8	1.2	0.4	0	0	0	0	0	0	0	0
3/3/2024 20:09	57401 SPAN_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/3/2024 20:09	45303 WBER_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/3/2024 20:10	42802 SELI_T1	1	1	0	0.1	0.4	0.3	0	0	0	0	0	0	0	0
3/3/2024 20:10	54504 ENOL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/3/2024 20:10	59302 MCAL_T1	1	1	0	0.3	0.3	0	0	0	0	0	0	0	0	0
3/3/2024 20:10	57403 SPAN_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/3/2024 20:10	45502 DERR_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/3/2024 20:10	42901 MIDD_T2	231	358	127	0.38	0.42	0.04	0	0	0	0	0	0	0	0
3/3/2024 20:10	66303 MCGO_T2	0	1	1	0	1.1	1.1	0	0	0	0	0	0	0	0
3/3/2024 20:10	58402 MORO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/3/2024 20:10	40502 CRES_T2	16	18	2	0.33	0.26	-0.07	0	0	0	0	0	0	0	0
3/3/2024 20:10	45402 WBLO_T2	1	1	0	0.1	1.1	1	0	0	0	0	0	0	0	0
3/3/2024 20:11	56802 BENV_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/3/2024 20:11	41601 CLEV_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/3/2024 20:11	56501 ROCK_T2	1	4	3	0.4	0.1	-0.3	0	0	0	0	0	0	0	0
3/3/2024 20:11	46001 BERW_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/3/2024 20:11	56503 ROCK_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/3/2024 20:11	10801 CHHI_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/3/2024 20:11	45502 DERR_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/3/2024 20:11	58401 MORO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/3/2024 20:11	41802 GOCI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/3/2024 20:11	55002 NEWP_T1	4	5	1	1.5	1.62	0.12	0	0	0	0	0	0	0	0
3/3/2024 20:12	46203 DANV_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/3/2024 20:12	46701 RENO_T1	4	3	-1	2.15	2.9	0.75	0	0	0	0	0	0	0	0
3/3/2024 20:12	45402 WBLO_T2	1	1	0	0.1	1.1	1	0	0	0	0	0	0	0	0
3/3/2024 20:12	46005 BERW_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/3/2024 20:12	42902 MIDD_T2	99	174	75	0.55	0.5	-0.05	0	0	0	0	0	0	0	0
3/3/2024 20:12	46801 HEPB_T2	2	3	1	0.25	0.3	0.05	0	0	0	0	0	0	0	0
3/3/2024 20:12	56504 ROCK_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/3/2024 20:13	40501 CRES_T2	0	1	1	0	0.1	0.1	0	0	0	0	0	0	0	0
3/3/2024 20:13	45402 WBLO_T2	1	1	0	0.1	1.1	1	0	0	0	0	0	0	0	0
3/3/2024 20:13	53902 HALI_T2	1	1	0	4.9	5.4	0.5	0	0	0	0	0	0	0	0
3/3/2024 20:13	56802 BENV_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/3/2024 20:13	46801 HEPB_T2	2	3	1	0.25	0.3	0.05	0	0	0	0	0	0	0	0
3/3/2024 20:13	47402 PENS_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/3/2024 20:13	44301 BEAV_T2	12	13	1	0.46	0.51	0.05	0	0	0	0	0	0	0	0
3/3/2024 20:13	41901 REED_T1	1	1	0	0.2	0.2	0	0	0	0	0	0	0	0	0
3/3/2024 20:13	43001 ALWD_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/3/2024 20:14	47402 PENS_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/3/2024 20:14	41901 REED_T1	1	1	0	0.2	0.2	0	0	0	0	0	0	0	0	0
3/3/2024 20:14	46206 DANV_T2	1	0	-1	0.2	0	-0.2	0	0	0	0	0	0	0	0
3/3/2024 20:14	54504 ENOL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/3/2024 20:15	42901 MIDD_T2	344	340	-4	0.41	0.41	0	0	0	0	0	0	0	0	0
3/3/2024 20:15	42802 SELI_T1	1	0	-1	0.4	0	-0.4	0	0	0	0	0	0	0	0
3/3/2024 20:15	47401 PENS_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/3/2024 20:15	57403 SPAN_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/3/2024 20:16	45302 WBER_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/3/2024 20:17	44302 BEAV_T2	315	335	20	0.55	0.58	0.03	0	0	0	0	0	0	0	0
3/3/2024 20:17	56802 BENV_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/3/2024 20:20	44301 BEAV_T2	11	13	2	0.58	0.48	-0.1	0	0	0	0	0	0	0	0
3/3/2024 20:33	65001 NEFF_T2	0	6	6	0	0.18	0.18	0	0	0	0	0	0	0	0
3/3/2024 20:37	44505 HAMI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/3/2024 20:38	44203 POIN_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/3/2024 20:47	67502 WEWI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/3/2024 20:57	29401 BELT_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/3/2024 21:00	65004 NEFF_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/3/2024 21:21	65001 NEFF_T2	122	175	53	0.18	0.19	0.01	0	0	0	0	0	0	0	0
3/3/2024 21:41	12701 MACU_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/3/2024 22:16	65001 NEFF_T2	228	243	15	0.38	0.47	0.09	0	0	0	0	0	0	0	0
3/3/2024 23:06	65001 NEFF_T2	245	252	7	0.47	0.59	0.12	0	0	0	0	0	0	0	0
3/4/2024 0:24	65003 NEFF_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/4/2024 1:49	13302 ORVI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/4/2024 1:54	65005 NEFF_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/4/2024 3:02	65001 NEFF_T2	244	231	-13	0.47	0.39	-0.08	0	0	0	0	0	0	0	0
3/4/2024 3:18	65003 NEFF_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/4/2024 3:44	65002 NEFF_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/4/2024 3:54	65003 NEFF_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/4/2024 4:26	65001 NEFF_T2	228	84	-144	0.29	0.13	-0.16	0	0	0	0	0	0	0	0
3/4/2024 5:45	65005 NEFF_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/4/2024 6:08	56504 ROCK_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/4/2024 6:21	65003 NEFF_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/4/2024 7:09	65005 NEFF_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/4/2024 8:03	53903 HALI_T2	2	2	0	0.9	1.3	0.4	0	0	0	0	0	0	0	0
3/4/2024 8:12	65005 NEFF_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/4/2024 8:24	46201 DANV_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/4/2024 8:31	58401 MORO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/4/2024 8:34	58402 MORO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/4/2024 8:39	54504 ENOL_T2	0	1	1	0	0.1	0.1	0	0	0	0	0	0	0	0
3/4/2024 8:40	54504 ENOL_T2	0	1	1	0	0.1	0.1	0	0	0	0	0	0	0	0
3/4/2024 8:40	54503 ENOL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/4/2024 8:41	54504 ENOL_T2	0	1	1	0	0.1	0.1	0	0	0	0	0	0	0	0
3/4/2024 8:42	62607 ENGL_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/4/2024 8:42	54501 ENOL_T2	0	2	2	0	0.2	0.2	0	0	0	0	0	0	0	0
3/4/2024 8:42	54506 ENOL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/4/2024 8:45	54506 ENOL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/4/2024 8:46	55001 NEWP_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/4/2024 8:47	55001 NEWP_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/4/2024 8:48	54204 PENN_T2	2	2	0	0.5	0.3	-0.2	0	0	0	0	0	0	0	0
3/4/2024 8:49	55001 NEWP_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/4/2024 8:50	57403 SPAN_T1	11	6	-5	0.19	0.23	0.04	0	0	0	0	0	0	0	0
3/4/2024 8:50	54202 PENN_T2	196	10	-186	0.15	0.13	-0.02	0	0	0	0	0	0	0	0
3/4/2024 9:00	65005 NEFF_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/4/2024 9:00	62601 ENGL_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/4/2024 9:00	12305 LANA_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/4/2024 9:00	54601 SUMM_T2	10	11	1	0.41	0.45	0.04	0	0	0	0	0	0	0	0
3/4/2024 9:00	54501 ENOL_T2	0	1	1	0	0.1	0.1	0	0	0	0	0	0	0	0
3/4/2024 9:00	42902 MIDD_T2	4	15	11	0.15	0.2	0.05	0	0	0	0	0	0	0	0
3/4/2024 9:00	17805 GILB_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/4/2024 9:00	45502 DERR_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/4/2024 9:00	47104 MARL_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/4/2024 9:00	40101 HUNT_T2	0	5	5	0	0.3	0.3	0	0	0	0	0	0	0	0
3/4/2024 9:00	66302 MCGO_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/4/2024 9:00	40603 PIGR_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/4/2024 9:00	40502 CRES_T2	1	8	7	0.1	0.14	0.04	0	0	0	0	0	0	0	0
3/4/2024 9:00	43001 ALWD_T1	0	1	1	0	0.2	0.2	0	0	0	0	0	0	0	0
3/4/2024 9:00	29402 BELT_T1	1	1	0	7.7	8.2	0.5	0	0	0	0

Appendix C - Grid Benefits Achieved in Each Instance of Active Management

3/4/2024 9:18	55001 NEWP_T1	0	2	2	0	0.35	0.35	0	0	0	0	0	0	0	0
3/4/2024 9:19	46701 RENO_T1	6	4	-2	1.63	2.48	0.85	0	0	0	0	0	0	0	0
3/4/2024 9:19	55002 NEWP_T1	8	15	7	0.84	0.77	-0.07	0	0	0	0	0	0	0	0
3/4/2024 9:21	55002 NEWP_T1	8	15	7	0.84	0.77	-0.07	0	0	0	0	0	0	0	0
3/4/2024 9:21	47402 PENS_T1	2	1	-1	0.15	0.5	0.35	0	0	0	0	0	0	0	0
3/4/2024 9:24	28602 BLYT_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/4/2024 9:26	54503 ENOL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/4/2024 9:27	46202 DANV_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/4/2024 9:28	54503 ENOL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/4/2024 9:29	41802 GOCI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/4/2024 9:31	41802 GOCI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/4/2024 9:32	54206 PENN_T2	6	84	78	0.18	0.15	-0.03	0	0	0	0	0	0	0	0
3/4/2024 9:34	42002 MNVL_T2	1	1	0	7.2	6.9	-0.3	0	0	0	0	0	0	0	0
3/4/2024 9:34	54501 ENOL_T2	1	4	3	0.1	0.33	0.23	0	0	0	0	0	0	0	0
3/4/2024 9:35	57403 SPAN_T1	9	133	124	0.22	0.25	0.03	0	0	0	0	0	0	0	0
3/4/2024 9:36	42204 SHEN_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/4/2024 9:39	10801 CHHI_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/4/2024 9:40	46206 DANV_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/4/2024 9:41	23902 EFMO_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/4/2024 9:42	53601 DALM_T2	1	1	0	1	1.1	0.1	0	0	0	0	0	0	0	0
3/4/2024 9:43	54504 ENOL_T2	0	1	1	0	0.3	0.3	0	0	0	0	0	0	0	0
3/4/2024 9:43	42401 GIMA_T1	34	73	39	0.17	0.21	0.04	0	0	0	0	0	0	0	0
3/4/2024 9:45	57303 MOAL_T2	1	1	0	7	7	0	0	0	0	0	0	0	0	0
3/4/2024 9:47	54206 PENN_T2	75	110	35	0.13	0.21	0.08	0	0	0	0	0	0	0	0
3/4/2024 9:48	43202 MVIL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/4/2024 9:49	57403 SPAN_T1	37	167	130	0.3	0.37	0.07	0	0	0	0	0	0	0	0
3/4/2024 9:49	43202 MVIL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/4/2024 9:50	57403 SPAN_T1	37	167	130	0.3	0.37	0.07	0	0	0	0	0	0	0	0
3/4/2024 9:50	42202 SHEN_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/4/2024 9:50	57403 SPAN_T1	37	167	130	0.3	0.37	0.07	0	0	0	0	0	0	0	0
3/4/2024 9:51	57401 SPAN_T1	109	242	133	0.32	0.34	0.02	0	0	0	0	0	0	0	0
3/4/2024 9:51	54204 PENN_T2	3	3	0	0.13	0.13	0	0	0	0	0	0	0	0	0
3/4/2024 9:52	57403 SPAN_T1	37	167	130	0.3	0.37	0.07	0	0	0	0	0	0	0	0
3/4/2024 9:52	43001 ALWD_T1	3	3	0	0.2	0.7	0.5	0	0	0	0	0	0	0	0
3/4/2024 9:53	67402 WAKE_T2	0	1	1	0	0.2	0.2	0	0	0	0	0	0	0	0
3/4/2024 9:53	29402 BELT_T1	1	1	0	8.3	8.5	0.2	0	0	0	0	0	0	0	0
3/4/2024 9:53	57403 SPAN_T1	37	167	130	0.3	0.37	0.07	0	0	0	0	0	0	0	0
3/4/2024 9:54	29401 BELT_T1	0	35	35	0	0.16	0.16	0	0	0	0	0	0	0	0
3/4/2024 9:55	23901 EFMO_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/4/2024 9:57	29402 BELT_T1	1	1	0	8.3	8.5	0.2	0	0	0	0	0	0	0	0
3/4/2024 9:57	57401 SPAN_T1	109	242	133	0.32	0.34	0.02	0	0	0	0	0	0	0	0
3/4/2024 9:58	64703 LITI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/4/2024 9:59	54502 ENOL_T2	10	43	33	0.2	0.14	-0.06	0	0	0	0	0	0	0	0
3/4/2024 9:59	29402 BELT_T1	1	1	0	8.3	8.5	0.2	0	0	0	0	0	0	0	0
3/4/2024 10:01	54505 ENOL_T2	2	3	1	1.2	0.97	-0.23	0	0	0	0	0	0	0	0
3/4/2024 10:02	47403 PENS_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/4/2024 10:03	43202 MVIL_T2	0	1	1	0	0.5	0.5	0	0	0	0	0	0	0	0
3/4/2024 10:03	54204 PENN_T2	3	3	0	0.1	0.13	0.03	0	0	0	0	0	0	0	0
3/4/2024 10:03	57401 SPAN_T1	191	232	41	0.34	0.33	-0.01	0	0	0	0	0	0	0	0
3/4/2024 10:03	64702 LITI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/4/2024 10:03	40601 PIGR_T1	101	139	38	0.25	0.28	0.03	0	0	0	0	0	0	0	0
3/4/2024 10:04	57403 SPAN_T1	133	167	34	0.25	0.38	0.13	0	0	0	0	0	0	0	0
3/4/2024 10:04	13701 SCHN_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/4/2024 10:05	42204 SHEN_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/4/2024 10:05	67402 WAKE_T2	0	1	1	0	0.2	0.2	0	0	0	0	0	0	0	0
3/4/2024 10:06	57403 SPAN_T1	133	167	34	0.25	0.38	0.13	0	0	0	0	0	0	0	0
3/4/2024 10:06	67502 WEWI_T2	4	14	10	0.58	0.34	-0.24	0	0	0	0	0	0	0	0
3/4/2024 10:06	54202 PENN_T2	272	367	95	0.18	0.3	0.12	0	0	0	0	0	0	0	0
3/4/2024 10:07	54204 PENN_T2	3	3	0	0.1	0.13	0.03	0	0	0	0	0	0	0	0
3/4/2024 10:07	47401 PENS_T1	2	5	3	0.8	0.48	-0.32	0	0	0	0	0	0	0	0
3/4/2024 10:07	57401 SPAN_T1	191	232	41	0.34	0.33	-0.01	0	0	0	0	0	0	0	0
3/4/2024 10:08	57401 SPAN_T1	191	232	41	0.34	0.33	-0.01	0	0	0	0	0	0	0	0
3/4/2024 10:10	54501 ENOL_T2	4	6	2	0.33	0.33	0	0	0	0	0	0	0	0	0
3/4/2024 10:11	54504 ENOL_T2	1	3	2	0.3	0.27	-0.03	0	0	0	0	0	0	0	0
3/4/2024 10:11	54503 ENOL_T2	0	1	1	0	0.3	0.3	0	0	0	0	0	0	0	0
3/4/2024 10:11	54505 ENOL_T2	2	3	1	1.2	0.97	-0.23	0	0	0	0	0	0	0	0
3/4/2024 10:11	23901 EFMO_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/4/2024 10:12	54504 ENOL_T2	1	3	2	0.3	0.27	-0.03	0	0	0	0	0	0	0	0
3/4/2024 10:12	23902 EFMO_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/4/2024 10:12	41801 GOCI_T2	86	213	127	0.3	0.4	0.1	0	0	0	0	0	0	0	0
3/4/2024 10:14	54501 ENOL_T2	4	6	2	0.33	0.33	0	0	0	0	0	0	0	0	0
3/4/2024 10:14	12701 MACU_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/4/2024 10:14	40101 HUNT_T2	22	49	27	0.33	0.19	-0.14	0	0	0	0	0	0	0	0
3/4/2024 10:15	46803 HEPB_T2	3	10	7	0.63	0.6	-0.03	0	0	0	0	0	0	0	0
3/4/2024 10:15	54506 ENOL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/4/2024 10:16	55001 NEWP_T1	1	3	2	0.1	0.53	0.43	0	0	0	0	0	0	0	0
3/4/2024 10:16	54504 ENOL_T2	2	3	1	0.3	0.53	0.23	0	0	0	0	0	0	0	0
3/4/2024 10:16	64801 MONE_T2	177	185	8	0.35	0.34	-0.01	0	0	0	0	0	0	0	0
3/4/2024 10:17	54204 PENN_T2	1	3	2	0.2	0.13	-0.07	0	0	0	0	0	0	0	0
3/4/2024 10:17	54206 PENN_T2	110	177	67	0.2	0.23	0.03	0	0	0	0	0	0	0	0
3/4/2024 10:18	65004 NEFF_T2	2	2	0	0.25	0.35	0.1	0	0	0	0	0	0	0	0
3/4/2024 10:19	55001 NEWP_T1	1	3	2	0.1	0.53	0.43	0	0	0	0	0	0	0	0
3/4/2024 10:19	54206 PENN_T2	110	177	67	0.2	0.23	0.03	0	0	0	0	0	0	0	0
3/4/2024 10:20	58402 MORO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/4/2024 10:20	67503 WEWI_T2	1	2	1	0.2	0.55	0.35	0	0	0	0	0	0	0	0
3/4/2024 10:21	57401 SPAN_T1	230	67	-163	0.33	0.38	0.05	0	0	0	0	0	0	0	0
3/4/2024 10:21	67503 WEWI_T2	1	2	1	0.2	0.55	0.35	0	0	0	0	0	0	0	0
3/4/2024 10:22	67502 WEWI_T2	10	38	28	0.35	0.28	-0.07	0	0	0	0	0	0	0	0
3/4/2024 10:23	15001 BLMO_T1	0	4	4	0	0.3	0.3	0	0	0	0	0	0	0	0
3/4/2024 10:23	56802 BENV_T2	152	240	88	0.24	0.21	-0.03	0	0	0	0	0	0	0	0
3/4/2024 10:24	15001 BLMO_T1	0	4	4	0	0.3	0.3	0	0	0	0	0	0	0	0
3/4/2024 10:24	56802 BENV_T2	152	240	88	0.24	0.21	-0.03	0	0	0	0	0	0	0	0
3/4/2024 10:25	15001 BLMO_T1	0	4	4	0	0.3	0.3	0	0	0	0	0	0	0	0
3/4/2024 10:26	54504 ENOL_T2	2	3	1	0.3	0.53	0.23	0	0	0	0	0	0	0	0
3/4/2024 10:26	54505 ENOL_T2	2	3	1	0.9	1.03	0.13	0	0	0	0	0	0	0	0
3/4/2024 10:26	46202 DANV_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/4/2024 10:26	53901 HALI_T2	1	1	0	1.3	0.9	-0.4	0	0	0	0	0	0	0	0
3/4/2024 10:27	54502 ENOL_T2	26	65	39	0.16	0.19	0.03	0	0	0	0	0	0	0	0
3/4/2024 10:27	53902 HALI_T2	2	3	1	3.25	2.23	-1.02	0	0	0	0	0	0	0	0
3/4/2024 10:27	54502 ENOL_T2	26	65	39	0.16	0.19	0.03	0	0	0	0	0	0	0	0
3/4/2024 10:27	54501 ENOL_T2	6	7	1	0.22	0.4	0.18	0	0	0	0	0	0	0	0
3/4/2024 10:27	56802 BENV_T2	152	240	88	0.24	0.21	-0.03	0	0	0	0	0	0	0	0
3/4/2024 10:28	54503 ENOL_T2	0	2	2	0	0.2	0.2	0	0	0	0	0	0	0	0
3/4/2024 10:28	42401 GIMA_T1	54	56	2	0.21	0.21	0	0	0	0	0	0	0	0	0
3/4/2024 10:29	54505 ENOL_T2	2	3	1	0.9	1.03	0.13	0	0	0	0	0	0	0	0
3/4/2024 10:29	46205 DANV_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/4/2024 10:29	54503 ENOL_T2	0	2	2	0	0.2	0.2	0	0	0	0	0	0	0	0
3/4/2024 10:30	54506 ENOL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/4/2024 10:30	54505 ENOL_T2	3	3	0	0.97	1.07	0.1	0	0	0	0	0	0	0	0
3/4/2024 10:30	54503 ENOL_T2	1	2	1	0.3	0.25	-0.05	0	0	0	0	0	0	0	0
3/4/2024 10:31	54501 ENOL_T2	6	7	1	0.33	0.4	0.07	0	0	0	0	0	0	0	0
3/4/2024 10:31	54505 ENOL_T2	3	3	0	0.97	1.07	0.1	0	0	0	0	0	0	0	0
3/4/2024 10:32	64301 LINC_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/4/2024 10:32	54206 PENN_T2	160	147	-13	0.23	0.24	0.01	0	0	0	0	0	0	0	0
3/4/2024 10:32	58402 MORO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/4/2024 10:33	56504 ROCK_T2	1	3	2	0.4	0.37	-0.03	0	0	0	0	0	0	0	0
3/4/2024 10:34	52502 PROG_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/4/2024 10:34	54603 SUMM_T2	2	2	0	0.2	0.2	0	0	0	0	0	0	0	0	0
3/4/2024 10:34	56504 ROCK_T2	1	3	2	0.4	0.37	-0.03	0	0	0	0	0	0	0	0
3/4/2024 10:35	54603 SUMM_T2	2	2	0	0.2	0.2	0	0	0	0	0	0	0	0	0
3/4/2024 10:35	58402 MORO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/4/2024 10:35	54202 PENN_T2	361	349	-12	0.3	0.3	0	0	0	0	0	0	0	0	0
3/4/2024 10:36	40603 PIGR_T1	2	4	2	0.25	0.7	0.45	0	0	0	0	0	0	0	0
3/4/2024 10:37	29402 BELT_T1	2	1	-1	4.4	8.1	3.7	0	0	0	0	0	0	0	0
3/4/2024 10:37	67604 WARW_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/4/2024 10:37	54601 SUMM_T2	11	11	0	0.79	0.75	-0.04	0	0	0	0	0	0	0	0
3/4/2024 10:37	16302 ALPA_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/4/2024 10:37	56802 BENV_T2	130	236	106	0.22	0.21	-0.01	0	0	0	0	0	0	0	0
3/4/2024 10:37	56503 ROCK_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/4/2024 10:37	45402 WBLO_T2	25	41	16	0.17	0.3	0.13	0	0	0	0	0	0	0	0
3/4/2024 10:38	20401 ASHF_T2	5	9	4	0.46	0.47	0.01	0	0	0	0	0	0	0	0
3/4/2024 10:38	16302 ALPA_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/4/2024 10:39	16302 ALPA_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/4/2024 10:39	65005 NEFF_T2	2	2	0	0.45	0.4	-0.05	0	0	0	0	0	0	0	0
3/4/2024 10:39	56802 BENV_T2	130	236	106	0.22	0.21	-0.01	0	0	0	0	0	0	0	0
3/4/2024 10:39	29402 BELT_T1	2	1	-1	4.4	8.1	3.7	0	0	0	0	0	0	0	0
3/4/2024 10:39	54602 SUMM_T2	17	16	-1	0.58	0.38	-0.2	0	0	0	0	0	0	0	0
3/4/2024 10:40	20401 ASHF_T2	5	9	4	0.46	0.47	0.01	0	0	0	0	0	0	0	0
3/4/2024 10:40	62605 ENGL_T1	2	2	0	0.25	0.4	0.15	0	0	0	0	0	0	0	0
3/4/2024 10:40	29401 BELT_T1	51	0	-51	0.19	0	-0.19	0	0	0	0	0	0	0	0
3/4/2024 10:40	45402 WBLO_T2	25	41	16	0.17	0.3	0.13	0	0	0	0	0	0	0	0
3/4/2024 10:40	16302 ALPA_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/4/2024 10:40	29401 BELT_T1	51	0	-51	0.19	0	-0.19	0	0	0	0	0	0	0	0
3/4/2024 10:41	62602 ENGL_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/4/2024 10:43	64204 KINZ_T1	1	1	0	0.9	1.2	0.3	0	0	0	0	0	0	0	0
3/4/2024 10:43	62606 ENGL_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/4/2024 10:43	56601 HAMP_T1	3	4	1	0.4	0.35	-0.05	0	0	0	0	0	0	0	0
3/4/2024 10:44	12704 MACU_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/4/2024 10:44	62605 ENGL_T1	2	2	0	0.25	0.4	0.15	0	0	0	0	0	0	0	0
3/4/2024 10:45	24501 GOUL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/4/2024 10:45	62605 ENGL_T1	2	2	0	0.4	0.25	-0.15	0	0	0	0	0	0	0	0
3/4/2024 10:46	52006 LING_T2	2	1	-1	0.6	0.7	0.1	0	0	0	0	0	0	0	0
3/4/2024 10:47	46803 HEPB_T2	10	10	0	0.59	0.58	-0.01	0	0	0	0	0	0	0	0
3/4/2024 10:47	55001 NEWP_T1	2	4	2	0.75	0.63	-0.12	0	0	0	0	0	0	0	0
3/4/2024 10:48	41902 REED_T1	3	6	3	0.3	0.48	0.18	0	0	0	0	0	0	0	0
3/4/2024 10:48	54206 PENN_T2	147	77	-70	0.23	0.17	-0.06	0	0	0	0	0	0	0	0
3/4/2024 10:48	58401 MORO_T1	4	4	0	0.43	0.35	-0.08	0	0	0	0	0	0	0	0
3/4/2024 10:49	60603 NCOL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/4/2024 10:49	12704 MACU_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/4/2024 10:50	60602 NCOL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/4/2024 10:50	42002 MNVL_T2	1	2	1	7.1	3.6	-3.5	0	0	0	0	0	0	0	0
3/4/2024 10:50	58402 MORO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/4/2024 10:51	54202 PENN_T2	345	267	-78	0.3	0.19	-0.11	0	0	0	0	0	0	0	0
3/4/2024 10:51	66501 SMAN_T2	0	2	2	0	0.45	0.45	0	0	0	0	0	0	0	0
3/4/2024 10:51	67203 TEHI_T1	1	1	0	0.2	0	-0.2	0	0	0	0	0	0	0	0
3/4/2024 10:52	27502 WEIS_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/4/2024 10:52	67203 TEHI_T1	1	1	0	0.2	0	-0.2	0	0	0	0	0	0	0	0
3/4/2024 10:53	57401 SPAN_T1	25	22	-3	0.39	0.39	0	0	0	0	0	0	0	0	0
3/4/2024 10:53	56802 BENV_T2	232	110	-122	0.21	0.22	0.01	0	0	0	0	0	0	0	0
3/4/2024 10:54	23902 EFMO_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/4/2024 10:54	60801 BUCK_T1	0	1	1	0	0.2	0.2	0	0	0	0	0	0	0	0
3/4/2024 10:54	51603 DUKE_T1	3	2	-1	0.23	0.4	0.17	0	0	0	0	0	0	0	0
3/4/2024 10:54	60803 BUCK_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/4/2024 10:54	43001 ALWD_T1	3	3	0	0.67	0.83	0.16	0	0	0	0	0	0	0	0
3/4/2024 10:54	42701 AUGU_T1	1	9	8	0.8	0.6	-0.2	0	0	0	0	0	0	0	0
3/4/2024 10:55	57401 SPAN_T1	25	22	-3	0.39	0.39	0	0	0	0	0	0	0	0	0
3/4/2024 10:55	42701 AUGU_T1	1	9	8	0.8	0.6	-0.2	0	0	0	0	0	0	0	0
3/4/2024 10:56	24502 GOUL_T2	0	12	12	0	0.12	0.12	0	0	0	0	0	0	0	0
3/4/2024 10:56	51601 DUKE_T1	1	2	1	0.2	0.2	0	0	0	0	0	0	0	0	0
3/4/2024 10:56	46004 BERW_T2	4	5	1	0.35	0.32	-0.03	0	0	0	0	0	0	0	0
3/4/2024 10:56	60201 ATGL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/4/2024 10:56	42701 AUGU_T1	1	9

3/4/2024 11:23	43802 SWIL_T1	2	2	0	0.35	0.55	0.2	0	0	0	0	0	0	0	0
3/4/2024 11:23	42701 AUGU_T1	8	10	2	0.51	0.58	0.07	0	0	0	0	0	0	0	0
3/4/2024 11:25	26001 WDAM_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/4/2024 11:25	55103 WERT_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/4/2024 11:26	45501 DERR_T2	3	3	0	0.63	0.47	-0.16	0	0	0	0	0	0	0	0
3/4/2024 11:26	29401 BELT_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/4/2024 11:26	57401 SPAN_T1	11	23	12	0.51	0.5	-0.01	0	0	0	0	0	0	0	0
3/4/2024 11:27	45502 DERR_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/4/2024 11:27	29402 BELT_T1	1	1	0	8.1	8.2	0.1	0	0	0	0	0	0	0	0
3/4/2024 11:28	42401 GIMA_T1	83	99	16	0.24	0.29	0.05	0	0	0	0	0	0	0	0
3/4/2024 11:29	54503 ENOL_T2	2	3	-1	0.3	0.57	0.27	0	0	0	0	0	0	0	0
3/4/2024 11:29	45502 DERR_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/4/2024 11:30	54501 ENOL_T2	7	7	0	0.36	0.46	0.1	0	0	0	0	0	0	0	0
3/4/2024 11:31	58401 MORO_T1	4	8	4	0.33	0.28	-0.05	0	0	0	0	0	0	0	0
3/4/2024 11:31	40101 HUNT_T2	2	2	0	0.3	0.1	-0.2	0	0	0	0	0	0	0	0
3/4/2024 11:32	40601 PIGR_T1	85	170	85	0.2	0.41	0.21	0	0	0	0	0	0	0	0
3/4/2024 11:32	55001 NEWP_T1	12	19	7	0.53	0.43	-0.1	0	0	0	0	0	0	0	0
3/4/2024 11:32	42001 MNVL_T2	111	13	-98	0.25	0.35	0.1	0	0	0	0	0	0	0	0
3/4/2024 11:32	47401 PENS_T1	5	9	4	0.64	0.58	-0.06	0	0	0	0	0	0	0	0
3/4/2024 11:32	58402 MORO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/4/2024 11:33	54202 PENN_T2	219	275	56	0.16	0.19	0.03	0	0	0	0	0	0	0	0
3/4/2024 11:33	46701 RENO_T1	53	2	-51	0.36	4.8	4.44	0	0	0	0	0	0	0	0
3/4/2024 11:33	58402 MORO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/4/2024 11:33	47402 PENS_T1	1	2	1	0.4	0.8	0.4	0	0	0	0	0	0	0	0
3/4/2024 11:33	58401 MORO_T1	4	8	4	0.33	0.28	-0.05	0	0	0	0	0	0	0	0
3/4/2024 11:33	41902 REED_T1	6	9	3	0.62	0.7	0.08	0	0	0	0	0	0	0	0
3/4/2024 11:33	56504 ROCK_T2	1	1	0	0.6	0.4	-0.2	0	0	0	0	0	0	0	0
3/4/2024 11:33	43201 MVIL_T2	1	1	0	0.5	0.7	0.2	0	0	0	0	0	0	0	0
3/4/2024 11:33	55002 NEWP_T1	148	84	-64	0.33	0.37	0.04	0	0	0	0	0	0	0	0
3/4/2024 11:33	43202 MVIL_T2	1	1	0	0.3	0.9	0.6	0	0	0	0	0	0	0	0
3/4/2024 11:34	54206 PENN_T2	49	37	-12	0.23	0.23	0	0	0	0	0	0	0	0	0
3/4/2024 11:34	58401 MORO_T1	4	8	4	0.33	0.28	-0.05	0	0	0	0	0	0	0	0
3/4/2024 11:34	40601 PIGR_T1	85	170	85	0.2	0.41	0.21	0	0	0	0	0	0	0	0
3/4/2024 11:34	56501 ROCK_T2	11	11	0	0.69	0.7	0.01	0	0	0	0	0	0	0	0
3/4/2024 11:34	56504 ROCK_T2	1	1	0	0.6	0.4	-0.2	0	0	0	0	0	0	0	0
3/4/2024 11:34	55002 NEWP_T1	148	84	-64	0.33	0.37	0.04	0	0	0	0	0	0	0	0
3/4/2024 11:34	43202 MVIL_T2	1	1	0	0.3	0.9	0.6	0	0	0	0	0	0	0	0
3/4/2024 11:34	46701 RENO_T1	53	2	-51	0.36	4.8	4.44	0	0	0	0	0	0	0	0
3/4/2024 11:35	55001 NEWP_T1	12	19	7	0.53	0.43	-0.1	0	0	0	0	0	0	0	0
3/4/2024 11:35	58401 MORO_T1	4	8	4	0.33	0.28	-0.05	0	0	0	0	0	0	0	0
3/4/2024 11:35	54603 SUMM_T2	2	2	0	0.1	0.1	0	0	0	0	0	0	0	0	0
3/4/2024 11:35	42001 MNVL_T2	111	13	-98	0.25	0.35	0.1	0	0	0	0	0	0	0	0
3/4/2024 11:36	65002 NEFF_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/4/2024 11:36	58402 MORO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/4/2024 11:36	54603 SUMM_T2	2	2	0	0.1	0.1	0	0	0	0	0	0	0	0	0
3/4/2024 11:36	26001 WDAM_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/4/2024 11:36	41902 REED_T1	6	9	3	0.62	0.7	0.08	0	0	0	0	0	0	0	0
3/4/2024 11:36	43201 MVIL_T2	1	1	0	0.5	0.7	0.2	0	0	0	0	0	0	0	0
3/4/2024 11:36	47401 PENS_T1	5	9	4	0.64	0.58	-0.06	0	0	0	0	0	0	0	0
3/4/2024 11:36	46702 RENO_T1	18	0	-18	0.16	0	-0.16	0	0	0	0	0	0	0	0
3/4/2024 11:36	54001 SDLE_T1	8	12	4	0.84	0.84	0	0	0	0	0	0	0	0	0
3/4/2024 11:37	47403 PENS_T1	2	4	2	0.45	0.3	-0.15	0	0	0	0	0	0	0	0
3/4/2024 11:37	29401 BELT_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/4/2024 11:37	56501 ROCK_T2	11	11	0	0.69	0.7	0.01	0	0	0	0	0	0	0	0
3/4/2024 11:37	54601 SUMM_T2	11	12	1	0.59	0.55	-0.04	0	0	0	0	0	0	0	0
3/4/2024 11:37	55001 NEWP_T1	12	19	7	0.53	0.43	-0.1	0	0	0	0	0	0	0	0
3/4/2024 11:37	56504 ROCK_T2	1	1	0	0.6	0.4	-0.2	0	0	0	0	0	0	0	0
3/4/2024 11:37	54001 SDLE_T1	8	12	4	0.84	0.84	0	0	0	0	0	0	0	0	0
3/4/2024 11:38	54601 SUMM_T2	11	12	1	0.59	0.55	-0.04	0	0	0	0	0	0	0	0
3/4/2024 11:38	29402 BELT_T1	1	1	0	8.2	8.2	0	0	0	0	0	0	0	0	0
3/4/2024 11:38	53601 DALM_T2	1	1	0	0.2	0.2	0	0	0	0	0	0	0	0	0
3/4/2024 11:38	29401 BELT_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/4/2024 11:39	44301 BEAV_T2	6	16	10	0.62	0.45	-0.17	0	0	0	0	0	0	0	0
3/4/2024 11:39	45502 DERR_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/4/2024 11:39	29401 BELT_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/4/2024 11:40	59301 MCAL_T1	10	8	-2	0.74	0.85	0.11	0	0	0	0	0	0	0	0
3/4/2024 11:41	54206 PENN_T2	49	37	-12	0.23	0.23	0	0	0	0	0	0	0	0	0
3/4/2024 11:41	29401 BELT_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/4/2024 11:42	29402 BELT_T1	1	1	0	8.2	8.2	0	0	0	0	0	0	0	0	0
3/4/2024 11:42	43001 ALWD_T1	5	5	0	0.62	0.82	0.2	0	0	0	0	0	0	0	0
3/4/2024 11:42	46803 HEPB_T2	14	10	-4	0.54	0.65	0.11	0	0	0	0	0	0	0	0
3/4/2024 11:42	29402 BELT_T1	1	1	0	8.2	8.2	0	0	0	0	0	0	0	0	0
3/4/2024 11:43	47001 HUGH_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/4/2024 11:43	42401 GIMA_T1	90	89	-1	0.27	0.27	0	0	0	0	0	0	0	0	0
3/4/2024 11:43	45501 DERR_T2	3	3	0	0.33	0.63	0.3	0	0	0	0	0	0	0	0
3/4/2024 11:45	47001 HUGH_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/4/2024 11:46	64305 LINC_T1	0	1	1	0	0.1	0.1	0	0	0	0	0	0	0	0
3/4/2024 11:48	42002 MNVL_T2	2	1	-1	3.65	6.6	2.95	0	0	0	0	0	0	0	0
3/4/2024 11:48	40603 PIGR_T1	4	4	0	0.55	0.6	0.05	0	0	0	0	0	0	0	0
3/4/2024 11:48	46102 MACI_T1	278	289	11	0.29	0.31	0.02	0	0	0	0	0	0	0	0
3/4/2024 11:49	54603 SUMM_T2	0	2	2	0	0.1	0.1	0	0	0	0	0	0	0	0
3/4/2024 11:50	54603 SUMM_T2	0	2	2	0	0.1	0.1	0	0	0	0	0	0	0	0
3/4/2024 11:50	42803 SELI_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/4/2024 11:50	40603 PIGR_T1	4	4	0	0.55	0.6	0.05	0	0	0	0	0	0	0	0
3/4/2024 11:50	42002 MNVL_T2	2	1	-1	3.65	6.6	2.95	0	0	0	0	0	0	0	0
3/4/2024 11:50	64101 REFR_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/4/2024 11:51	26002 WDAM_T1	2	3	1	1.1	1.07	-0.03	0	0	0	0	0	0	0	0
3/4/2024 11:52	54602 SUMM_T2	2	9	7	0.1	0.14	0.04	0	0	0	0	0	0	0	0
3/4/2024 11:53	43001 ALWD_T1	5	5	0	0.62	0.86	0.24	0	0	0	0	0	0	0	0
3/4/2024 11:54	66502 SMAN_T2	1	20	19	0.5	0.39	-0.11	0	0	0	0	0	0	0	0
3/4/2024 11:55	54603 SUMM_T2	0	2	2	0	0.1	0.1	0	0	0	0	0	0	0	0
3/4/2024 11:55	45501 DERR_T2	1	3	2	0.9	0.63	-0.27	0	0	0	0	0	0	0	0
3/4/2024 11:55	67603 WARW_T1	3	4	1	0.63	0.78	0.15	0	0	0	0	0	0	0	0
3/4/2024 11:55	59301 MCAL_T1	6	48	42	0.85	0.33	-0.52	0	0	0	0	0	0	0	0
3/4/2024 11:56	67604 WARW_T1	2	3	1	0.15	0.27	0.12	0	0	0	0	0	0	0	0
3/4/2024 11:57	65003 NEFF_T2	2	3	1	0.65	0.67	0.02	0	0	0	0	0	0	0	0
3/4/2024 11:57	43001 ALWD_T1	5	5	0	0.62	0.86	0.24	0	0	0	0	0	0	0	0
3/4/2024 11:59	28701 HAML_T2	2	3	1	0.3	0.4	0.1	0	0	0	0	0	0	0	0
3/4/2024 11:59	45502 DERR_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/4/2024 12:00	46803 HEPB_T2	10	15	5	0.63	0.57	-0.06	0	0	0	0	0	0	0	0
3/4/2024 12:02	64301 LINC_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/4/2024 12:03	47401 PENS_T1	9	32	23	0.56	0.35	-0.21	0	0	0	0	0	0	0	0
3/4/2024 12:03	43201 MVIL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/4/2024 12:03	46801 HEPB_T2	3	16	13	0.87	0.27	-0.6	0	0	0	0	0	0	0	0
3/4/2024 12:04	43201 MVIL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/4/2024 12:04	47403 PENS_T1	4	6	2	0.25	0.53	0.28	0	0	0	0	0	0	0	0
3/4/2024 12:05	43202 MVIL_T2	1	1	0	0.2	0.3	0.1	0	0	0	0	0	0	0	0
3/4/2024 12:05	67001 STHI_T2	9	17	8	0.37	0.3	-0.07	0	0	0	0	0	0	0	0
3/4/2024 12:05	67001 STHI_T2	9	17	8	0.37	0.3	-0.07	0	0	0	0	0	0	0	0
3/4/2024 12:06	43201 MVIL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/4/2024 12:06	67002 STHI_T2	24	32	8	0.38	0.38	0	0	0	0	0	0	0	0	0
3/4/2024 12:06	13704 SCHN_T2	1	1	0	0.1	0.3	0.2	0	0	0	0	0	0	0	0
3/4/2024 12:07	67001 STHI_T2	9	17	8	0.37	0.3	-0.07	0	0	0	0	0	0	0	0
3/4/2024 12:08	44301 BEAV_T2	15	31	16	0.45	0.5	0.05	0	0	0	0	0	0	0	0
3/4/2024 12:08	47402 PENS_T1	2	2	0	0.7	1.2	0.5	0	0	0	0	0	0	0	0
3/4/2024 12:08	67001 STHI_T2	9	17	8	0.37	0.3	-0.07	0	0	0	0	0	0	0	0
3/4/2024 12:08	44302 BEAV_T2	16	369	353	0.51	0.49	-0.02	0	0	0	0	0	0	0	0
3/4/2024 12:08	67001 STHI_T2	9	17	8	0.37	0.3	-0.07	0	0	0	0	0	0	0	0
3/4/2024 12:09	45502 DERR_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/4/2024 12:09	67002 STHI_T2	24	32	8	0.38	0.38	0	0	0	0	0	0	0	0	0
3/4/2024 12:10	44301 BEAV_T2	15	31	16	0.45	0.5	0.05	0	0	0	0	0	0	0	0
3/4/2024 12:10	44302 BEAV_T2	16	369	353	0.51	0.49	-0.02	0	0	0	0	0	0	0	0
3/4/2024 12:11	59301 MCAL_T1	8	48	40	0.85	0.33	-0.52	0	0	0	0	0	0	0	0
3/4/2024 12:11	59301 MCAL_T1	8	48	40	0.85	0.33	-0.52	0	0	0	0	0	0	0	0
3/4/2024 12:11	45501 DERR_T2	3	2	-1	0.63	0.6	-0.03	0	0	0	0	0	0	0	0
3/4/2024 12:11	67604 WARW_T1	3	3	0	0.23	0.33	0.1	0	0	0	0	0	0	0	0
3/4/2024 12:13	28805 LAKE_T1	0	4	4	0	0.2	0.2	0	0	0	0	0	0	0	0
3/4/2024 12:13	59302 MCAL_T1	0	3	3	0	0.53	0.53	0	0	0	0	0	0	0	0
3/4/2024 12:13	60102 COCA_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/4/2024 12:15	24502 GOUL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/4/2024 12:16	46803 HEPB_T2	11	14	3	0.72	0.45	-0.27	0	0	0	0	0	0	0	0
3/4/2024 12:16	58401 MORO_T1	7	8	1	0.37	0.26	-0.11	0	0	0	0	0	0	0	0
3/4/2024 12:17	58402 MORO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/4/2024 12:17	64305 LINC_T1	1	1	0	0.1	0.1	0	0	0	0	0	0	0	0	0
3/4/2024 12:18	58402 MORO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/4/2024 12:18	60501 NMAN_T2	100	89	-11	0.47	0.5	0.03	0	0	0	0	0	0	0	0
3/4/2024 12:19	58401 MORO_T1	7	8	1	0.37	0.26	-0.11	0	0	0	0	0	0	0	0
3/4/2024 12:19	46801 HEPB_T2	5	16	11	0.62	0.26	-0.36	0	0	0	0	0	0	0	0
3/4/2024 12:20	58402 MORO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/4/2024 12:20	17002 RIRO_T2	3	3	0	0.27	0.43	0.16	0	0	0	0	0	0	0	0
3/4/2024 12:20	58401 MORO_T1	7	8	1	0.37	0.26	-0.11	0	0	0	0	0	0	0	0
3/4/2024 12:22	60502 NMAN_T2	9	13	4	0.43	0.41	-0.02	0	0	0	0	0	0	0	0
3/4/2024 12:23	29401 BELT_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/4/2024 12:24	43001 ALWD_T1	5	5	0	0.8	0.9	0.1	0	0	0	0	0	0	0	0
3/4/2024 12:24	29402 BELT_T1	1	1	0	7.7	7.9	0.2	0	0	0	0	0	0	0	0
3/4/2024 12:24	29401 BELT_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/4/2024 12:25	44301 BEAV_T2	24	25	1	0.54	0.52	-0.02	0	0	0	0	0	0	0	0
3/4/2024 12:26	29402 BELT_T1	1	1	0	7.7	7.9	0.2	0	0	0	0	0	0	0	0
3/4/2024 12:26	29401 BELT_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/4/2024 12:27	29402 BELT_T1	1	1	0	7.7	7.9	0.2	0	0	0	0	0	0	0	0
3/4/2024 12:28	44503 HAMI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/4/2024 12:28	29401 BELT_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/4/2024 12:28	42401 GIMA_T1	80	86	6	0.28	0.26	-0.02	0	0	0	0	0	0	0	0
3/4/2024 12:34	54602 SUMM_T2	9	14	5	0.2	0.21	0.01	0	0	0	0	0	0	0	0
3/4/2024 12:36	50106 HARR_T3	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/4/2024 12:36	54601 SUMM_T2	13	13	0	0.63	0.48	-0.15	0	0	0	0	0	0	0	0
3/4/2024 12:37	50105 HARR_T3	6	6	0	5.25	5.92	0.67	0	0	0	0	0	0	0	0
3/4/2024 12:37	54603 SUMM_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/4/2024 12:41	53601 DALM_T2	1	1	0	0.5	0.5	0	0	0	0	0	0	0	0	0
3/4/2024 12:49	41902 REED_T1	11	6	-5	0.21	0.18	-0.03	0	0	0	0	0	0	0	0
3/4/2024 13:02	43201 MVIL_T2	0	2	2	0	0	0	0	0	0	0	0	0	0	0
3/4/2024 13:04	60501 NMAN_T2	78	71	-7	0.46	0.46	0	0	0	0	0	0	0	0	0
3/4/2024 13:04	42801 SELI_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/4/2024 13:06	13302 ORVI_T2	3	2	-1	0.8	1.15	0.35	0	0	0	0	0	0	0	0
3/4/2024 13:08	42801 SELI_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/4/2024 13:09	67605 WARW_T1	34	43	9	0.58	0.57	-0.01	0	0	0	0	0	0	0	0
3/4/2024 13:09	43303 WATS_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/4/2024 13:12	40101 HUNT_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/4/2024 13:12	17805 GILB_T2	1	4	3	0.3	0.38	0.08	0	0	0	0	0	0	0	0
3/4/2024 13:18	40101 HUNT_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/4/2024 13:32	62606 ENGL_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/4/2024 13:36	26001 WDAM_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/4/2024 13:44	40101 HUNT_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/4/2024 13:44	46101 MACI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/4/2024 13:45	46801 HEPB_T2	2	3	1	1.15	0.83	-0.32	0	0	0	0	0	0	0	0
3/4/2024 13:46	58401 MORO_T1	1	0	-1	0.1	0	-0.1	0	0	0	0	0	0	0	0
3/4/2024 13:46	40101 HUNT_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/4/2024 13:47	58401 MORO_T1	1	0	-1	0.1	0	-0.1	0	0	0	0	0	0	0	0
3/4/2024 13:48	58402 MORO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/4/2024 13:48	46803 HEPB_T2	6	7	1	0.58	0.53	-0.05	0	0	0	0	0	0	0	0
3/4/2024 13:49	58401 MORO_T1	1	0	-1	0.1	0	-0.1	0	0	0	0	0	0	0	0
3/4/2024 13:59	40101 HUNT_T2	0

3/4/2024 14:19	46702 RENO_T1	5	80	75	0.14	0.16	0.02	0	0	0	0	0	0	0	0
3/4/2024 14:19	65001 NEFF_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/4/2024 14:20	58402 MORO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/4/2024 14:20	56504 ROCK_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/4/2024 14:20	56503 ROCK_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/4/2024 14:21	56501 ROCK_T2	14	11	-3	0.81	0.95	0.14	0	0	0	0	0	0	0	0
3/4/2024 14:21	43201 MVIL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/4/2024 14:21	61102 BERK_T5	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/4/2024 14:21	58402 MORO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/4/2024 14:21	43202 MVIL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/4/2024 14:22	43301 WATS_T2	2	1	-1	0.4	0.1	-0.3	0	0	0	0	0	0	0	0
3/4/2024 14:22	14401 SSLA_T1	5	4	-1	0.7	0.88	0.18	0	0	0	0	0	0	0	0
3/4/2024 14:22	56504 ROCK_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/4/2024 14:22	56501 ROCK_T2	14	11	-3	0.81	0.95	0.14	0	0	0	0	0	0	0	0
3/4/2024 14:23	67605 WARW_T1	43	49	6	0.64	0.6	-0.04	0	0	0	0	0	0	0	0
3/4/2024 14:23	43301 WATS_T2	2	1	-1	0.4	0.1	-0.3	0	0	0	0	0	0	0	0
3/4/2024 14:24	60801 BUCK_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/4/2024 14:24	14404 SSLA_T1	5	6	1	0.32	0.4	0.08	0	0	0	0	0	0	0	0
3/4/2024 14:24	43001 ALWD_T1	3	4	1	0.93	0.93	0	0	0	0	0	0	0	0	0
3/4/2024 14:25	26001 WDAM_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/4/2024 14:25	29401 BELT_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/4/2024 14:25	60803 BUCK_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/4/2024 14:25	43001 ALWD_T1	3	4	1	0.93	0.93	0	0	0	0	0	0	0	0	0
3/4/2024 14:26	46203 DANV_T2	55	17	-38	0.27	0.13	-0.14	0	0	0	0	0	0	0	0
3/4/2024 14:26	29402 BELT_T1	1	1	0	7.9	8.1	0.2	0	0	0	0	0	0	0	0
3/4/2024 14:26	53601 DALM_T2	1	1	0	0.8	0.8	0	0	0	0	0	0	0	0	0
3/4/2024 14:26	24501 GOUL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/4/2024 14:27	67604 WARW_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/4/2024 14:27	44301 BEAV_T2	1	5	4	0.2	0.28	0.08	0	0	0	0	0	0	0	0
3/4/2024 14:29	64303 LINC_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/4/2024 14:29	46204 DANV_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/4/2024 14:30	46801 HEPB_T2	2	4	2	1	0.63	-0.37	0	0	0	0	0	0	0	0
3/4/2024 14:31	43202 MVIL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/4/2024 14:32	46803 HEPB_T2	4	6	2	0.25	0.27	0.02	0	0	0	0	0	0	0	0
3/4/2024 14:33	59302 MCAL_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/4/2024 14:33	59001 MIFF_T1	0	1	1	0	0.5	0.5	0	0	0	0	0	0	0	0
3/4/2024 14:34	46702 RENO_T1	80	12	-68	0.16	0.13	-0.03	0	0	0	0	0	0	0	0
3/4/2024 14:35	59201 THOM_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/4/2024 14:35	65004 NEFF_T2	2	0	-2	0.3	0	-0.3	0	0	0	0	0	0	0	0
3/4/2024 14:36	40602 PIGR_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/4/2024 14:37	61102 BERK_T5	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/4/2024 14:37	66501 SMAN_T2	2	2	0	0.4	0.7	0.3	0	0	0	0	0	0	0	0
3/4/2024 14:37	56504 ROCK_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/4/2024 14:37	46701 RENO_T1	117	43	-74	0.29	0.34	0.05	0	0	0	0	0	0	0	0
3/4/2024 14:38	67603 WARW_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/4/2024 14:38	56504 ROCK_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/4/2024 14:38	67401 WAKE_T2	0	4	4	0	0.25	0.25	0	0	0	0	0	0	0	0
3/4/2024 14:38	29402 BELT_T1	1	1	0	8.1	8	-0.1	0	0	0	0	0	0	0	0
3/4/2024 14:39	43302 WATS_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/4/2024 14:39	67401 WAKE_T2	0	4	4	0	0.25	0.25	0	0	0	0	0	0	0	0
3/4/2024 14:39	46201 DANV_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/4/2024 14:39	26001 WDAM_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/4/2024 14:39	40201 BEGA_T2	0	1	1	0	0.7	0.7	0	0	0	0	0	0	0	0
3/4/2024 14:39	42701 AUGU_T1	1	0	-1	1.2	0	-1.2	0	0	0	0	0	0	0	0
3/4/2024 14:40	29401 BELT_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/4/2024 14:40	60803 BUCK_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/4/2024 14:40	42701 AUGU_T1	1	0	-1	1.2	0	-1.2	0	0	0	0	0	0	0	0
3/4/2024 14:40	10805 CHHI_T2	1	1	0	8.6	8.6	0	0	0	0	0	0	0	0	0
3/4/2024 14:40	56503 ROCK_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/4/2024 14:40	43001 ALWD_T1	4	4	0	0.73	0.95	0.22	0	0	0	0	0	0	0	0
3/4/2024 14:41	29402 BELT_T1	1	1	0	8.1	8	-0.1	0	0	0	0	0	0	0	0
3/4/2024 14:41	42701 AUGU_T1	1	0	-1	1.2	0	-1.2	0	0	0	0	0	0	0	0
3/4/2024 14:41	17805 GILB_T2	2	3	1	0.2	0.23	0.03	0	0	0	0	0	0	0	0
3/4/2024 14:41	43001 ALWD_T1	4	4	0	0.73	0.95	0.22	0	0	0	0	0	0	0	0
3/4/2024 14:42	17802 GILB_T1	3	5	2	0.63	0.32	-0.31	0	0	0	0	0	0	0	0
3/4/2024 14:42	29402 BELT_T1	1	1	0	8.1	8	-0.1	0	0	0	0	0	0	0	0
3/4/2024 14:42	46201 DANV_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/4/2024 14:42	42701 AUGU_T1	1	0	-1	1.2	0	-1.2	0	0	0	0	0	0	0	0
3/4/2024 14:43	20602 GRWO_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/4/2024 14:43	17801 GILB_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/4/2024 14:44	43001 ALWD_T1	4	4	0	0.73	0.95	0.22	0	0	0	0	0	0	0	0
3/4/2024 14:45	65005 NEFF_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/4/2024 14:45	20401 ASHF_T2	4	5	1	0.25	0.3	0.05	0	0	0	0	0	0	0	0
3/4/2024 14:45	64305 LINC_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/4/2024 14:46	55001 NEWP_T1	1	0	-1	0.3	0	-0.3	0	0	0	0	0	0	0	0
3/4/2024 14:46	28703 HAML_T2	3	3	0	0.43	0.63	0.2	0	0	0	0	0	0	0	0
3/4/2024 14:46	46801 HEPB_T2	3	19	16	0.77	0.24	-0.53	0	0	0	0	0	0	0	0
3/4/2024 14:47	54202 PENN_T2	217	329	112	0.14	0.29	0.15	0	0	0	0	0	0	0	0
3/4/2024 14:47	43202 MVIL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/4/2024 14:47	43201 MVIL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/4/2024 14:47	20402 ASHF_T2	0	1	1	0	0	0	0	0	0	0	0	0	0	0
3/4/2024 14:47	58401 MORO_T1	1	0	-1	1.4	0	-1.4	0	0	0	0	0	0	0	0
3/4/2024 14:48	46801 HEPB_T2	3	19	16	0.77	0.24	-0.53	0	0	0	0	0	0	0	0
3/4/2024 14:48	64802 MONE_T2	83	117	34	0.18	0.23	0.05	0	0	0	0	0	0	0	0
3/4/2024 14:49	58402 MORO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/4/2024 14:49	43202 MVIL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/4/2024 14:49	55001 NEWP_T1	1	0	-1	0.3	0	-0.3	0	0	0	0	0	0	0	0
3/4/2024 14:50	42901 MIDD_T2	2	0	-2	0.3	0	-0.3	0	0	0	0	0	0	0	0
3/4/2024 14:50	43202 MVIL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/4/2024 14:50	54204 PENN_T2	0	1	1	0	0.2	0.2	0	0	0	0	0	0	0	0
3/4/2024 14:51	65004 NEFF_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/4/2024 14:53	54001 SDLE_T1	8	9	1	0.83	0.82	-0.01	0	0	0	0	0	0	0	0
3/4/2024 14:55	60801 BUCK_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/4/2024 14:55	23901 EFMO_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/4/2024 14:56	62606 ENGL_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/4/2024 14:56	65005 NEFF_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/4/2024 14:57	23901 EFMO_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/4/2024 14:58	17801 GILB_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/4/2024 14:59	59301 MCAL_T1	3	4	1	0.3	0.53	0.23	0	0	0	0	0	0	0	0
3/4/2024 14:59	20602 GRWO_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/4/2024 15:00	44505 HAMI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/4/2024 15:04	65802 RTWN_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/4/2024 15:04	60502 NMAN_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/4/2024 15:05	56503 ROCK_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/4/2024 15:06	66702 STRA_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/4/2024 15:07	56504 ROCK_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/4/2024 15:08	46002 BERW_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/4/2024 15:11	61306 EARL_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/4/2024 15:11	23901 EFMO_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/4/2024 15:13	23901 EFMO_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/4/2024 15:13	40101 HUNT_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/4/2024 15:15	20601 GRWO_T2	0	42	42	0	0.19	0.19	0	0	0	0	0	0	0	0
3/4/2024 15:15	40903 JESH_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/4/2024 15:16	40101 HUNT_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/4/2024 15:17	28803 LAKE_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/4/2024 15:18	40602 PIGR_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/4/2024 15:18	17002 RIRO_T2	1	6	5	0.3	0.15	-0.15	0	0	0	0	0	0	0	0
3/4/2024 15:18	42002 MNVL_T2	1	1	0	7	6.8	-0.2	0	0	0	0	0	0	0	0
3/4/2024 15:20	67203 TEHI_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/4/2024 15:24	44302 BEAV_T2	3	56	53	0.17	0.19	0.02	0	0	0	0	0	0	0	0
3/4/2024 15:25	45501 DERR_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/4/2024 15:25	44301 BEAV_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/4/2024 15:27	23901 EFMO_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/4/2024 15:27	60102 COCA_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/4/2024 15:29	42401 GIMA_T1	97	73	-24	0.26	0.24	-0.02	0	0	0	0	0	0	0	0
3/4/2024 15:30	20602 GRWO_T2	0	416	416	0	0.43	0.43	0	0	0	0	0	0	0	0
3/4/2024 15:34	56501 ROCK_T2	13	23	10	0.95	0.57	-0.38	0	0	0	0	0	0	0	0
3/4/2024 15:34	40602 PIGR_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/4/2024 15:34	64802 MONE_T2	158	152	-6	0.22	0.26	0.04	0	0	0	0	0	0	0	0
3/4/2024 15:35	56503 ROCK_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/4/2024 15:37	41901 REED_T1	11	11	0	0.29	0.46	0.17	0	0	0	0	0	0	0	0
3/4/2024 15:39	56503 ROCK_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/4/2024 15:40	60701 BREC_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/4/2024 15:41	60701 BREC_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/4/2024 15:43	20602 GRWO_T2	0	416	416	0	0.43	0.43	0	0	0	0	0	0	0	0
3/4/2024 15:46	46803 HEPB_T2	33	30	-3	0.18	0.17	-0.01	0	0	0	0	0	0	0	0
3/4/2024 15:47	65003 NEFF_T2	6	54	48	0.33	0.15	-0.18	0	0	0	0	0	0	0	0
3/4/2024 15:47	42001 MNVL_T2	1	1	0	0.1	0.1	0	0	0	0	0	0	0	0	0
3/4/2024 15:51	67001 STHI_T2	331	327	-4	0.18	0.18	0	0	0	0	0	0	0	0	0
3/4/2024 15:53	67001 STHI_T2	331	327	-4	0.18	0.18	0	0	0	0	0	0	0	0	0
3/4/2024 15:54	65004 NEFF_T2	0	1	1	0	0.2	0.2	0	0	0	0	0	0	0	0
3/4/2024 15:54	67001 STHI_T2	331	327	-4	0.18	0.18	0	0	0	0	0	0	0	0	0
3/4/2024 15:56	40902 JESH_T1	2	1	-1	0.1	0.1	0	0	0	0	0	0	0	0	0
3/4/2024 15:56	56801 BENV_T1	31	42	11	0.96	0.66	-0.3	0	0	0	0	0	0	0	0
3/4/2024 15:57	56803 BENV_T1	5	2	-3	0.14	0.2	0.06	0	0	0	0	0	0	0	0
3/4/2024 15:59	60101 COCA_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/4/2024 16:00	46102 MACI_T1	329	284	-45	0.47	0.35	-0.12	0	0	0	0	0	0	0	0
3/4/2024 16:00	40101 HUNT_T2	3	3	0	0.73	0	-0.73	0	0	0	0	0	0	0	0
3/4/2024 16:01	40101 HUNT_T2	3	3	0	0.73	0	-0.73	0	0	0	0	0	0	0	0
3/4/2024 16:02	46102 MACI_T1	329	284	-45	0.47	0.35	-0.12	0	0	0	0	0	0	0	0
3/4/2024 16:04	54204 PENN_T2	1	1	0	0.2	0.2	0	0	0	0	0	0	0	0	0
3/4/2024 16:06	54204 PENN_T2	1	1	0	0.2	0.2	0	0	0	0	0	0	0	0	0
3/4/2024 16:07	14402 SSLA_T1	1	0	-1	0.1	0	-0.1	0	0	0	0	0	0	0	0
3/4/2024 16:08	40501 CRES_T2	0	2	2	0	0.2	0.2	0	0	0	0	0	0	0	0
3/4/2024 16:09	40501 CRES_T2	0	2	2	0	0.2	0.2	0	0	0	0	0	0	0	0
3/4/2024 16:09	14402 SSLA_T1	1	0	-1	0.1	0	-0.1	0	0	0	0	0	0	0	0
3/4/2024 16:10	40502 CRES_T2	8	11	3	0.43	0.46	0.03	0	0	0	0	0	0	0	0
3/4/2024 16:11	40501 CRES_T2	0	2	2	0	0.2	0.2	0	0	0	0	0	0	0	0
3/4/2024 16:12	40502 CRES_T2	8	11	3	0.43	0.46	0.03	0	0	0	0	0	0	0	0
3/4/2024 16:14	40501 CRES_T2	0	2	2	0	0.2	0.2	0	0	0	0	0	0	0	0
3/4/2024 16:15	65003 NEFF_T2	54	97	43	0.15	0.15	0	0	0	0	0	0	0	0	0
3/4/2024 16:15	40501 CRES_T2	1	4	3	0.1	0.18	0.08	0	0	0	0	0	0	0	0
3/4/2024 16:27	40502 CRES_T2	8	17	9	0.41	0.38	-0.03	0	0	0	0	0	0	0	0
3/4/2024 16:30	29402 BELT_T1	1	1	0	7.3	6.9	-0.4	0	0	0	0	0	0	0	0
3/4/2024 16:32	40101 HUNT_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/4/2024 16:35	65002 NEFF_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/4/2024 16:42	40101 HUNT_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/4/2024 16:51	65004 NEFF_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/4/2024 17:01	20601 GRWO_T2	254	273	19	0.59	0.62	0.03	0	0	0	0	0	0	0	0
3/4/2024 17:12	65002 NEFF_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/4/2024 17:12	20603 GRWO_T2	689	637	-52	0.81	0.8	-0.01	0	0	0	0	0	0	0	0
3/4/2024 17:29	40101 HUNT_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/4/2024 17:48	65002 NEFF_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/4/2024 17:56	54506 ENOL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/4/2024 18:04	65001 NEFF_T2	3	54	51	0.1	0.12	0.02	0	0	0	0	0	0	0	0
3/4/2024 18:27	60305 TWVA_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/4/2024 18:44	62604 ENGL_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/4/2024 18:57	65003 NEFF_T2	5	48	43	0.2	0.15	-0.05	0	0	0	0	0	0	0	0
3/4/2024 18:59	54506 ENOL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/4/2024 19:27	28602 BLYT_T2	0	1	1	0	0	0	0	0	0	0	0	0	0	0
3/4/2024 19:45	28702 HAML_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/4/2024 19:45	28805 LAKE_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/4/2024 19:47	15704 TANN_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/4/2024 19:49	20601 GRWO_T2	138	237	99	0.28	0.39	0.11	0	0	0	0	0	0	0	0
3/4/2024 19:49	59302 MCAL_T1

Appendix C - Grid Benefits Achieved in Each Instance of Active Management

3/4/2024 19:58	17802 GILB_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/4/2024 19:58	60701 BREC_T1	102	5	-97	0.13	0.1	-0.03	0	0	0	0	0	0	0	0
3/4/2024 19:58	42401 GIMA_T1	70	100	30	0.23	0.31	0.08	0	0	0	0	0	0	0	0
3/4/2024 19:58	29402 BELT_T1	1	1	0	7.4	7.6	0.2	0	0	0	0	0	0	0	0
3/4/2024 19:58	42701 AUGU_T1	1	0	-1	0.8	0	-0.8	0	0	0	0	0	0	0	0
3/4/2024 19:59	42901 MIDD_T2	101	100	-1	0.25	0.23	-0.02	0	0	0	0	0	0	0	0
3/4/2024 19:59	42002 MNVL_T2	1	1	0	5	4.9	-0.1	0	0	0	0	0	0	0	0
3/4/2024 20:00	67002 STHI_T2	0	1	1	0	0.1	0.1	0	0	0	0	0	0	0	0
3/4/2024 20:00	46203 DANV_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/4/2024 20:00	45502 DERR_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/4/2024 20:00	40502 CRES_T2	16	12	-4	0.29	0.38	0.09	0	0	0	0	0	0	0	0
3/4/2024 20:00	42701 AUGU_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/4/2024 20:00	46101 MACI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/4/2024 20:00	47001 HUGH_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/4/2024 20:00	29401 BELT_T1	0	29	29	0	0.15	0.15	0	0	0	0	0	0	0	0
3/4/2024 20:00	60101 COCA_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/4/2024 20:00	29402 BELT_T1	1	1	0	7.4	8	0.6	0	0	0	0	0	0	0	0
3/4/2024 20:00	64204 KINZ_T1	1	1	0	1.3	1	-0.3	0	0	0	0	0	0	0	0
3/4/2024 20:01	46003 BERW_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/4/2024 20:01	64703 LITI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/4/2024 20:01	40101 HUNT_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/4/2024 20:01	12704 MACU_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/4/2024 20:01	47403 PENS_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/4/2024 20:01	56802 BENV_T2	42	40	-2	0.13	0.17	0.04	0	0	0	0	0	0	0	0
3/4/2024 20:01	45402 WBLO_T2	18	31	13	0.12	0.23	0.11	0	0	0	0	0	0	0	0
3/4/2024 20:02	17802 GILB_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/4/2024 20:02	66501 SMAN_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/4/2024 20:02	45402 WBLO_T2	18	31	13	0.12	0.23	0.11	0	0	0	0	0	0	0	0
3/4/2024 20:02	46206 DANV_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/4/2024 20:02	64702 LITI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/4/2024 20:02	40601 PIGR_T1	77	33	-44	0.19	0.13	-0.06	0	0	0	0	0	0	0	0
3/4/2024 20:02	51601 DUKE_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/4/2024 20:02	44301 BEAV_T2	4	2	-2	0.3	0.3	0	0	0	0	0	0	0	0	0
3/4/2024 20:02	40101 HUNT_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/4/2024 20:03	43302 WATS_T2	4	4	0	0.93	0.85	-0.08	0	0	0	0	0	0	0	0
3/4/2024 20:03	40201 BEGA_T2	3	1	-2	0.23	0.3	0.07	0	0	0	0	0	0	0	0
3/4/2024 20:03	42701 AUGU_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/4/2024 20:03	20601 GRWO_T2	190	253	63	0.33	0.44	0.11	0	0	0	0	0	0	0	0
3/4/2024 20:03	43201 MVIL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/4/2024 20:03	42202 SHEN_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/4/2024 20:03	56503 ROCK_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/4/2024 20:03	59302 MCAL_T1	1	1	0	0.5	0.6	0.1	0	0	0	0	0	0	0	0
3/4/2024 20:03	40603 PIGR_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/4/2024 20:03	44301 BEAV_T2	4	2	-2	0.3	0.3	0	0	0	0	0	0	0	0	0
3/4/2024 20:03	59301 MCAL_T1	4	4	0	0.7	0.75	0.05	0	0	0	0	0	0	0	0
3/4/2024 20:04	40901 IESH_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/4/2024 20:04	62602 ENGL_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/4/2024 20:04	54502 ENOL_T2	1	0	-1	0.1	0	-0.1	0	0	0	0	0	0	0	0
3/4/2024 20:04	57401 SPAN_T1	2	2	0	0.3	0.5	0.2	0	0	0	0	0	0	0	0
3/4/2024 20:04	42901 MIDD_T2	92	91	-1	0.21	0.23	0.02	0	0	0	0	0	0	0	0
3/4/2024 20:04	67603 WARW_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/4/2024 20:04	23901 EFMO_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/4/2024 20:04	67503 WEWI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/4/2024 20:04	41802 GOCI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/4/2024 20:04	44601 SALE_T2	1	1	0	0.2	0.2	0	0	0	0	0	0	0	0	0
3/4/2024 20:05	43202 MVIL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/4/2024 20:05	16302 ALPA_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/4/2024 20:05	43802 SWIL_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/4/2024 20:05	44302 BEAV_T2	77	61	-16	0.26	0.23	-0.03	0	0	0	0	0	0	0	0
3/4/2024 20:06	15001 BLMO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/4/2024 20:06	65001 NEFF_T2	20	40	20	0.1	0.11	0.01	0	0	0	0	0	0	0	0
3/4/2024 20:06	46801 HEPB_T2	7	6	-1	0.36	0.42	0.06	0	0	0	0	0	0	0	0
3/4/2024 20:06	56802 BENV_T2	42	40	-2	0.13	0.17	0.04	0	0	0	0	0	0	0	0
3/4/2024 20:06	55001 NEWP_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/4/2024 20:07	15001 BLMO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/4/2024 20:07	44301 BEAV_T2	4	2	-2	0.3	0.3	0	0	0	0	0	0	0	0	0
3/4/2024 20:07	55001 NEWP_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/4/2024 20:08	47802 MOCA_T2	9	7	-2	0.12	0.14	0.02	0	0	0	0	0	0	0	0
3/4/2024 20:08	43801 SWIL_T1	2	2	0	3.2	3.15	-0.05	0	0	0	0	0	0	0	0
3/4/2024 20:08	46801 HEPB_T2	7	6	-1	0.36	0.42	0.06	0	0	0	0	0	0	0	0
3/4/2024 20:08	44302 BEAV_T2	77	61	-16	0.26	0.23	-0.03	0	0	0	0	0	0	0	0
3/4/2024 20:09	42204 SHEN_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/4/2024 20:09	60502 NMAN_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/4/2024 20:09	43201 MVIL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/4/2024 20:10	14801 TREI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/4/2024 20:10	56504 ROCK_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/4/2024 20:10	40502 CRES_T2	16	12	-4	0.29	0.38	0.09	0	0	0	0	0	0	0	0
3/4/2024 20:10	43301 WATS_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/4/2024 20:10	10801 CHHI_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/4/2024 20:10	57304 MOAL_T2	7	6	-1	0.27	0.27	0	0	0	0	0	0	0	0	0
3/4/2024 20:10	57401 SPAN_T1	2	2	0	0.3	0.5	0.2	0	0	0	0	0	0	0	0
3/4/2024 20:10	67001 STHI_T2	20	11	-9	0.12	0.13	0.01	0	0	0	0	0	0	0	0
3/4/2024 20:10	56603 HAMP_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/4/2024 20:10	16302 ALPA_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/4/2024 20:11	67002 STHI_T2	0	1	1	0	0.1	0.1	0	0	0	0	0	0	0	0
3/4/2024 20:11	57403 SPAN_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/4/2024 20:11	60101 COCA_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/4/2024 20:11	42901 MIDD_T2	92	91	-1	0.21	0.23	0.02	0	0	0	0	0	0	0	0
3/4/2024 20:11	51601 DUKE_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/4/2024 20:11	46201 DANV_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/4/2024 20:11	54206 PENN_T2	8	29	21	0.19	0.15	-0.04	0	0	0	0	0	0	0	0
3/4/2024 20:11	43001 ALWD_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/4/2024 20:12	54505 ENOL_T2	1	1	0	1	1.1	0.1	0	0	0	0	0	0	0	0
3/4/2024 20:12	46004 BERW_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/4/2024 20:12	46701 RENO_T1	1	43	42	8.2	0.34	-7.86	0	0	0	0	0	0	0	0
3/4/2024 20:12	12704 MACU_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/4/2024 20:12	16302 ALPA_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/4/2024 20:12	17804 GILB_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/4/2024 20:12	53601 DALM_T2	1	1	0	0.3	0.8	0.5	0	0	0	0	0	0	0	0
3/4/2024 20:12	57401 SPAN_T1	2	2	0	0.3	0.5	0.2	0	0	0	0	0	0	0	0
3/4/2024 20:12	60201 ATGL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/4/2024 20:13	53903 HALI_T2	2	2	0	1.3	1.45	0.15	0	0	0	0	0	0	0	0
3/4/2024 20:13	20402 ASHF_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/4/2024 20:13	44301 BEAV_T2	4	2	-2	0.3	0.3	0	0	0	0	0	0	0	0	0
3/4/2024 20:13	40501 CRES_T2	2	2	0	0.2	0.2	0	0	0	0	0	0	0	0	0
3/4/2024 20:13	52502 PROG_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/4/2024 20:13	40603 PIGR_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/4/2024 20:13	54506 ENOL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/4/2024 20:13	65803 RTWN_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/4/2024 20:13	15001 BLMO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/4/2024 20:13	16302 ALPA_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/4/2024 20:13	56803 BENV_T1	5	5	0	0.58	0.68	0.1	0	0	0	0	0	0	0	0
3/4/2024 20:13	46602 LACR_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/4/2024 20:14	67604 WARW_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/4/2024 20:14	67402 WAKE_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/4/2024 20:14	67502 WEWI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/4/2024 20:14	40502 CRES_T2	16	12	-4	0.29	0.38	0.09	0	0	0	0	0	0	0	0
3/4/2024 20:14	57401 SPAN_T1	2	2	0	0.3	0.5	0.2	0	0	0	0	0	0	0	0
3/4/2024 20:14	54506 ENOL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/4/2024 20:14	61101 BERK_T5	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/4/2024 20:14	59003 MIFF_T1	1	1	0	0.8	0.8	0	0	0	0	0	0	0	0	0
3/4/2024 20:14	46803 HEPB_T2	1	2	1	0.3	0.2	-0.1	0	0	0	0	0	0	0	0
3/4/2024 20:14	52002 LING_T2	1	1	0	0.7	0.7	0	0	0	0	0	0	0	0	0
3/4/2024 20:14	56503 ROCK_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/4/2024 20:14	40602 PIGR_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/4/2024 20:14	40601 PIGR_T1	77	33	-44	0.19	0.13	-0.06	0	0	0	0	0	0	0	0
3/4/2024 20:14	64802 MONE_T2	2	3	1	0.1	0.13	0.03	0	0	0	0	0	0	0	0
3/4/2024 20:14	14404 SSLA_T1	0	1	1	0	0.1	0.1	0	0	0	0	0	0	0	0
3/4/2024 20:14	55001 NEWP_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/4/2024 20:14	44601 SALE_T2	1	1	0	0.2	0.2	0	0	0	0	0	0	0	0	0
3/4/2024 20:15	54503 ENOL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/4/2024 20:15	67203 TEHI_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/4/2024 20:15	40502 CRES_T2	12	21	9	0.38	0.24	-0.14	0	0	0	0	0	0	0	0
3/4/2024 20:15	67502 WEWI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/4/2024 20:15	60803 BUCK_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/4/2024 20:15	43001 ALWD_T1	0	1	1	0	0.1	0.1	0	0	0	0	0	0	0	0
3/4/2024 20:15	65003 NEFF_T2	0	4	4	0	0.13	0.13	0	0	0	0	0	0	0	0
3/4/2024 20:16	60602 NCOL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/4/2024 20:16	47402 PENS_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/4/2024 20:16	54504 ENOL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/4/2024 20:16	42203 SHEN_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/4/2024 20:16	66702 STRA_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/4/2024 20:16	64301 LINC_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/4/2024 20:16	67502 WEWI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/4/2024 20:16	56504 ROCK_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/4/2024 20:16	52006 LING_T2	3	3	0	0.4	0.7	0.3	0	0	0	0	0	0	0	0
3/4/2024 20:16	40501 CRES_T2	2	6	4	0.2	0.15	-0.05	0	0	0	0	0	0	0	0
3/4/2024 20:16	41802 GOCI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/4/2024 20:16	44302 BEAV_T2	61	62	1	0.23	0.23	0	0	0	0	0	0	0	0	0
3/4/2024 20:16	60101 COCA_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/4/2024 20:16	57401 SPAN_T1	2	2	0	0.5	0.6	0.1	0	0	0	0	0	0	0	0
3/4/2024 20:16	56802 BENV_T2	37	33	-4	0.15	0.14	-0.01	0	0	0	0	0	0	0	0
3/4/2024 20:17	57403 SPAN_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/4/2024 20:17	43801 SWIL_T1	2	2	0	3.15	3.15	0	0	0	0	0	0	0	0	0
3/4/2024 20:17	46102 MACI_T1	309	342	33	0.37	0.42	0.05	0	0	0	0	0	0	0	0
3/4/2024 20:17	44302 BEAV_T2	61	62	1	0.23	0.23	0	0	0	0	0	0	0	0	0
3/4/2024 20:17	54501 ENOL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/4/2024 20:17	60803 BUCK_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/4/2024 20:17	47403 PENS_T1	0	1	1	0	0.1	0.1	0	0	0	0	0	0	0	0
3/4/2024 20:17	43001 ALWD_T1	0	1	1	0	0.1	0.1	0	0	0	0	0	0	0	0
3/4/2024 20:17	58401 MORO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/4/2024 20:17	40101 HUNT_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/4/2024 20:17	58401 MORO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/4/2024 20:18	46701 RENO_T1	3	43	40	2.8	0.34	-2.46	0	0	0	0	0	0	0	0
3/4/2024 20:18	62601 ENGL_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/4/2024 20:18	54506 ENOL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/4/2024 20:18	54503 ENOL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/4/2024 20:18	54502 ENOL_T2	0	1	1	0	0.2	0.2	0	0	0	0	0	0	0	0
3/4/2024 20:18	42701 AUGU_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/4/2024 20:18	56501 ROCK_T2	14	69	55	0.36	0.19	-0.17	0	0	0	0	0	0	0	0
3/4/2024 20:18	41802 GOCI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/4/2024 20:18	58401 MORO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/4/2024 20:18	67201 TEHI_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/4/2024 20:18	56501 ROCK_T2	14	69	55	0.36	0.19	-0.17	0	0	0	0	0	0	0	0
3/4/2024 20:18	67402 WAKE_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/4/2024 20:18	56802 BENV_T2	37	33	-4	0.15	0.14	-0.01	0	0	0	0	0	0	0	0
3/4/2024 20:19	54206 PENN_T2	28	60	32	0.15	0.14	-0.01	0	0	0	0	0	0	0	0
3/4/2024 20:19	54506 ENOL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/4/2024 20:19	54204 PENN_T2	3	3	0	0.47	0.53	0.06	0	0	0	0	0	0	0	0
3/4/2024 20:19	56503 ROCK_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/4/2024 20:19	56501 ROCK_T2	14	69	55	0.36	0.19	-0.17	0	0	0	0	0	0	0	0
3/4/2024 20:19	54504 ENOL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/4/2024 20:19	54506 ENOL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/4/2024 20:19	44302 BEAV_T2	61	62	1	0.23	0.23	0	0	0	0	0	0	0	0	0
3/4/2024 20:19	60701 BREC_T1	5	194	189	0.1	0.15	0.05	0	0	0	0	0	0	0	0

3/4/2024 20:47	51603 DUKE_T1	2	2	0	0.1	0.2	0.1	0	0	0	0	0	0	0	0
3/4/2024 20:52	46203 DANV_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/4/2024 21:23	65002 NEFF_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/4/2024 21:53	44504 HAMI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/4/2024 22:10	65001 NEFF_T2	240	8	-232	0.38	0.11	-0.27	0	0	0	0	0	0	0	0
3/4/2024 22:31	65004 NEFF_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/4/2024 23:03	65004 NEFF_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/4/2024 23:29	65003 NEFF_T2	4	0	-4	0.35	0	-0.35	0	0	0	0	0	0	0	0
3/4/2024 23:30	62601 ENGL_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/5/2024 0:00	65002 NEFF_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/5/2024 0:16	65003 NEFF_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/5/2024 0:27	65001 NEFF_T2	28	221	193	0.13	0.21	0.08	0	0	0	0	0	0	0	0
3/5/2024 1:02	65004 NEFF_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/5/2024 1:56	65005 NEFF_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/5/2024 2:12	65001 NEFF_T2	224	213	-11	0.22	0.19	-0.03	0	0	0	0	0	0	0	0
3/5/2024 2:49	65001 NEFF_T2	172	230	58	0.16	0.29	0.13	0	0	0	0	0	0	0	0
3/5/2024 3:50	62607 ENGL_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/5/2024 3:57	65003 NEFF_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/5/2024 4:12	65004 NEFF_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/5/2024 4:28	65001 NEFF_T2	110	0	-110	0.13	0	-0.13	0	0	0	0	0	0	0	0
3/5/2024 5:05	65001 NEFF_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/5/2024 6:13	65001 NEFF_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/5/2024 7:11	65004 NEFF_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/5/2024 7:53	65002 NEFF_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/5/2024 8:19	65002 NEFF_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/5/2024 8:28	46202 DANV_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/5/2024 8:38	53601 DALM_T2	1	1	0	0.3	0.7	0.4	0	0	0	0	0	0	0	0
3/5/2024 8:47	64702 LITI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/5/2024 8:48	64702 LITI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/5/2024 8:53	29402 BELT_T1	1	1	0	7.6	8	0.4	0	0	0	0	0	0	0	0
3/5/2024 8:53	60301 TWVA_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/5/2024 8:56	29402 BELT_T1	1	1	0	7.6	8	0.4	0	0	0	0	0	0	0	0
3/5/2024 9:00	65002 NEFF_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/5/2024 9:00	62605 ENGL_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/5/2024 9:00	58001 WCAR_T1	0	2	2	0	0.15	0.15	0	0	0	0	0	0	0	0
3/5/2024 9:00	54202 PENN_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/5/2024 9:00	42903 MIDD_T2	2	2	0	0.45	0.55	0.1	0	0	0	0	0	0	0	0
3/5/2024 9:00	40101 HUNT_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/5/2024 9:00	53502 EVIL_T2	1	0	-1	0.3	0	-0.3	0	0	0	0	0	0	0	0
3/5/2024 9:00	47104 MARL_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/5/2024 9:00	45501 DERR_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/5/2024 9:00	54603 SUMM_T2	0	1	1	0	0.1	0.1	0	0	0	0	0	0	0	0
3/5/2024 9:00	16102 BING_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/5/2024 9:00	55002 NEWP_T1	4	3	-1	0.73	0.4	-0.33	0	0	0	0	0	0	0	0
3/5/2024 9:00	59102 WALK_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/5/2024 9:00	47101 MARL_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/5/2024 9:00	66303 MCGO_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/5/2024 9:00	40501 CRES_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/5/2024 9:00	46002 BERW_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/5/2024 9:00	40603 PIGR_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/5/2024 9:00	29402 BELT_T1	1	1	0	7.5	8	0.5	0	0	0	0	0	0	0	0
3/5/2024 9:00	43001 ALWD_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/5/2024 9:00	17804 GILB_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/5/2024 9:00	40503 CRES_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/5/2024 9:00	60801 BUCK_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/5/2024 9:00	10801 CHHI_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/5/2024 9:00	57403 SPAN_T1	3	0	-3	0.17	0	-0.17	0	0	0	0	0	0	0	0
3/5/2024 9:01	54503 ENOL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/5/2024 9:01	58401 MORO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/5/2024 9:06	29402 BELT_T1	1	1	0	7.5	8	0.5	0	0	0	0	0	0	0	0
3/5/2024 9:06	24101 EHAZ_T1	0	1	1	0	0	0	0	0	0	0	0	0	0	0
3/5/2024 9:06	12302 LANA_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/5/2024 9:06	58401 MORO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/5/2024 9:06	56501 ROCK_T2	8	8	0	0.74	0.71	-0.03	0	0	0	0	0	0	0	0
3/5/2024 9:06	55001 NEWP_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/5/2024 9:07	41902 REED_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/5/2024 9:07	67402 WAKE_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/5/2024 9:08	51603 DUKE_T1	2	3	1	0.1	0.15	0.05	0	0	0	0	0	0	0	0
3/5/2024 9:08	47104 MARL_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/5/2024 9:08	60701 BREC_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/5/2024 9:08	43001 ALWD_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/5/2024 9:08	56802 BENV_T2	125	101	-24	0.21	0.21	0	0	0	0	0	0	0	0	0
3/5/2024 9:08	29402 BELT_T1	1	1	0	7.5	8	0.5	0	0	0	0	0	0	0	0
3/5/2024 9:09	54503 ENOL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/5/2024 9:09	29401 BELT_T1	0	14	14	0	0.11	0.11	0	0	0	0	0	0	0	0
3/5/2024 9:09	53601 DALM_T2	1	1	0	0.7	0.9	0.2	0	0	0	0	0	0	0	0
3/5/2024 9:12	16102 BING_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/5/2024 9:16	40101 HUNT_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/5/2024 9:17	54502 ENOL_T2	1	1	0	0.5	0.6	0.1	0	0	0	0	0	0	0	0
3/5/2024 9:19	47802 MOCA_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/5/2024 9:20	54502 ENOL_T2	1	1	0	0.5	0.6	0.1	0	0	0	0	0	0	0	0
3/5/2024 9:20	64702 LITI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/5/2024 9:22	64702 LITI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/5/2024 9:27	28601 BLYT_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/5/2024 9:28	41801 GOCI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/5/2024 9:31	41801 GOCI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/5/2024 9:33	47001 HUGH_T2	0	1	1	0	0.2	0.2	0	0	0	0	0	0	0	0
3/5/2024 9:33	41901 REED_T1	3	2	-1	0.2	0.2	0	0	0	0	0	0	0	0	0
3/5/2024 9:41	56802 BENV_T2	35	161	126	0.16	0.27	0.11	0	0	0	0	0	0	0	0
3/5/2024 9:42	50103 HARR_T3	2	2	0	0.25	0.9	0.65	0	0	0	0	0	0	0	0
3/5/2024 9:42	56802 BENV_T2	35	161	126	0.16	0.27	0.11	0	0	0	0	0	0	0	0
3/5/2024 9:43	56802 BENV_T2	35	161	126	0.16	0.27	0.11	0	0	0	0	0	0	0	0
3/5/2024 9:47	57303 MOAL_T2	1	1	0	7.1	7	-0.1	0	0	0	0	0	0	0	0
3/5/2024 9:48	46702 RENO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/5/2024 9:50	54204 PENN_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/5/2024 9:50	13302 ORVI_T2	9	10	1	0.1	0.13	0.03	0	0	0	0	0	0	0	0
3/5/2024 9:51	60301 TWVA_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/5/2024 9:52	56501 ROCK_T2	11	9	-2	0.45	0.57	0.12	0	0	0	0	0	0	0	0
3/5/2024 9:53	56503 ROCK_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/5/2024 9:53	29401 BELT_T1	2	2	0	0.1	0.1	0	0	0	0	0	0	0	0	0
3/5/2024 9:53	67503 WEWI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/5/2024 9:53	43001 ALWD_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/5/2024 9:54	29402 BELT_T1	1	1	0	7.7	8.2	0.5	0	0	0	0	0	0	0	0
3/5/2024 9:54	67502 WEWI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/5/2024 9:55	45501 DERR_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/5/2024 9:55	10801 CHHI_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/5/2024 9:57	67502 WEWI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/5/2024 9:57	47901 HRDG_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/5/2024 9:58	47901 HRDG_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/5/2024 9:59	46803 HEPB_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/5/2024 10:00	29401 BELT_T1	0	8	8	0	0.1	0.1	0	0	0	0	0	0	0	0
3/5/2024 10:02	57303 MOAL_T2	1	1	0	7.1	7	-0.1	0	0	0	0	0	0	0	0
3/5/2024 10:03	55002 NEWP_T1	5	5	0	0.44	0.68	0.24	0	0	0	0	0	0	0	0
3/5/2024 10:04	59003 MIFF_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/5/2024 10:04	43202 MVIL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/5/2024 10:04	56501 ROCK_T2	8	9	1	0.56	0.46	-0.1	0	0	0	0	0	0	0	0
3/5/2024 10:05	67201 TEHI_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/5/2024 10:05	55002 NEWP_T1	5	5	0	0.44	0.68	0.24	0	0	0	0	0	0	0	0
3/5/2024 10:06	13302 ORVI_T2	7	10	3	0.1	0.15	0.05	0	0	0	0	0	0	0	0
3/5/2024 10:07	67203 TEHI_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/5/2024 10:08	43301 WATS_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/5/2024 10:08	56801 BENV_T1	24	37	13	0.7	0.68	-0.02	0	0	0	0	0	0	0	0
3/5/2024 10:08	57401 SPAN_T1	3	2	-1	0.67	1.05	0.38	0	0	0	0	0	0	0	0
3/5/2024 10:08	20401 ASHF_T2	1	3	2	0.2	0.27	0.07	0	0	0	0	0	0	0	0
3/5/2024 10:08	43001 ALWD_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/5/2024 10:09	56803 BENV_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/5/2024 10:10	42701 AUGU_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/5/2024 10:11	20403 ASHF_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/5/2024 10:12	50103 HARR_T3	10	8	-2	0.26	0.26	0	0	0	0	0	0	0	0	0
3/5/2024 10:12	40101 HUNT_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/5/2024 10:13	50106 HARR_T3	0	1	1	0	0	0	0	0	0	0	0	0	0	0
3/5/2024 10:17	66303 MCGO_T2	1	1	0	0.6	0.4	-0.2	0	0	0	0	0	0	0	0
3/5/2024 10:18	40902 JESH_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/5/2024 10:19	56501 ROCK_T2	8	11	3	0.48	0.41	-0.07	0	0	0	0	0	0	0	0
3/5/2024 10:20	62607 ENGL_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/5/2024 10:20	64802 MONE_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/5/2024 10:21	66303 MCGO_T2	1	1	0	0.6	0.4	-0.2	0	0	0	0	0	0	0	0
3/5/2024 10:21	13302 ORVI_T2	9	10	1	0.13	0.21	0.08	0	0	0	0	0	0	0	0
3/5/2024 10:22	60305 TWVA_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/5/2024 10:22	56504 ROCK_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/5/2024 10:22	52502 PROG_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/5/2024 10:22	26002 WDAM_T1	0	2	2	0	0.2	0.2	0	0	0	0	0	0	0	0
3/5/2024 10:23	56501 ROCK_T2	8	11	3	0.48	0.41	-0.07	0	0	0	0	0	0	0	0
3/5/2024 10:23	67503 WEWI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/5/2024 10:24	67502 WEWI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/5/2024 10:24	46206 DANV_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/5/2024 10:24	67503 WEWI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/5/2024 10:25	42701 AUGU_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/5/2024 10:26	60801 BUCK_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/5/2024 10:30	12704 MACU_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/5/2024 10:30	58401 MORO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/5/2024 10:31	58402 MORO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/5/2024 10:31	12704 MACU_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/5/2024 10:31	13302 ORVI_T2	9	14	5	0.13	0.21	0.08	0	0	0	0	0	0	0	0
3/5/2024 10:35	54603 SUMM_T2	2	6	4	0.2	0.2	0	0	0	0	0	0	0	0	0
3/5/2024 10:35	60501 NMAN_T2	3	3	0	4.6	5.2	0.6	0	0	0	0	0	0	0	0
3/5/2024 10:36	54602 SUMM_T2	15	16	1	0.33	0.61	0.28	0	0	0	0	0	0	0	0
3/5/2024 10:37	45402 WBLO_T2	1	2	1	0.2	0.45	0.25	0	0	0	0	0	0	0	0
3/5/2024 10:37	67502 WEWI_T2	0	1	1	0	0.1	0.1	0	0	0	0	0	0	0	0
3/5/2024 10:37	56802 BENV_T2	155	256	101	0.24	0.3	0.06	0	0	0	0	0	0	0	0
3/5/2024 10:38	54602 SUMM_T2	15	16	1	0.33	0.61	0.28	0	0	0	0	0	0	0	0
3/5/2024 10:38	66703 STRA_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/5/2024 10:39	54603 SUMM_T2	2	6	4	0.2	0.2	0	0	0	0	0	0	0	0	0
3/5/2024 10:39	16302 ALPA_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/5/2024 10:40	45402 WBLO_T2	1	2	1	0.2	0.45	0.25	0	0	0	0	0	0	0	0
3/5/2024 10:40	16302 ALPA_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/5/2024 10:41	46201 DANV_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/5/2024 10:41	43001 ALWD_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/5/2024 10:41	16302 ALPA_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/5/2024 10:42	46204 DANV_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/5/2024 10:42	10805 CHHI_T2	7	7	0	2.41	8.6	6.19	0	0	0	0	0	0	0	0
3/5/2024 10:43	17805 GILB_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/5/2024 10:45	53902 HALI_T2	1	1	0	5.8	5.8	0	0	0	0	0	0	0	0	0
3/5/2024 10:45	50103 HARR_T3	2	3	1	0.4	0.87	0.47	0	0	0	0	0	0	0	0
3/5/2024 10:45	46801 HEPB_T2	2	3	1	0.5	0.57	0.07	0	0	0	0	0	0	0	0
3/5/2024 10:46	64204 KINZ_T1	1	2	1	0.8	0.45	-0.35	0	0	0	0	0	0	0	0
3/5/2024 10:46	53903 HALI_T2	2	3	1	1.6	1.5	-0.1	0	0	0	0	0	0	0	0
3/5/2024 10:46	64204 KINZ_T1	1	2	1	0.8	0.45	-0.35	0	0	0	0	0	0	0	0
3/5/2024 10:46	40101 HUNT_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/5/2024 10:48	54206 PENN_T2	8	31	23	0.21	0.16	-0.05	0	0	0	0	0	0	0	0
3/5/2024 10:49	54206 PENN_T2	8	31	23	0.21	0.16	-0.05	0	0	0	0	0	0	0	0
3/5/2024 10:49	59302 MCAL_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/5/2024 10:50	57401 SPAN_T1	2	6	4	1	0.47	-0.53	0	0	0	0	0	0	0	0
3/5/2024 10:50	58301 NOTT_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/5/2024 10:50	57401 SPAN_T1	2	6	4	1	0.47	-0.53	0	0	0	0	0	0	0	0
3/5/2024 10:50	40602 PIGR_T1

3/5/2024 11:18	13302 ORVI_T2	18	0	-18	0.13	0	-0.13	0	0	0	0	0	0	0
3/5/2024 11:18	49803 UNIV_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
3/5/2024 11:18	55002 NEWP_T1	3	6	3	0.7	0.62	-0.08	0	0	0	0	0	0	0
3/5/2024 11:21	25501 MADI_T1	3	3	0	0.8	0.57	-0.23	0	0	0	0	0	0	0
3/5/2024 11:21	64101 REFR_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
3/5/2024 11:21	65902 SAKR_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
3/5/2024 11:21	66503 SMAN_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
3/5/2024 11:22	49803 UNIV_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
3/5/2024 11:24	67603 WARW_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
3/5/2024 11:25	26001 WDAM_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
3/5/2024 11:28	50105 HARR_T3	6	6	5.65	5.52	-0.13	0	0	0	0	0	0	0	0
3/5/2024 11:31	42401 GIMA_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
3/5/2024 11:33	54701 NEBL_T1	6	7	1	0.57	0.41	-0.16	0	0	0	0	0	0	0
3/5/2024 11:33	42002 MNVL_T2	1	1	0	5.8	5.8	0	0	0	0	0	0	0	0
3/5/2024 11:34	65503 MOJO_T2	0	29	29	0	0.18	0.18	0	0	0	0	0	0	0
3/5/2024 11:34	65801 RTWN_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
3/5/2024 11:34	54701 NEBL_T1	6	7	1	0.57	0.41	-0.16	0	0	0	0	0	0	0
3/5/2024 11:35	26002 WDAM_T1	2	2	0	0.2	0.8	0.6	0	0	0	0	0	0	0
3/5/2024 11:37	67503 WEWI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
3/5/2024 11:37	67002 STHI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
3/5/2024 11:37	65804 RTWN_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
3/5/2024 11:38	67603 WARW_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
3/5/2024 11:38	60504 NMAN_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
3/5/2024 11:38	43001 ALWD_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
3/5/2024 11:38	67503 WEWI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
3/5/2024 11:39	67002 STHI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
3/5/2024 11:40	45501 DERR_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
3/5/2024 11:42	67503 WEWI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
3/5/2024 11:43	16103 BING_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
3/5/2024 11:44	28704 HAML_T2	197	197	0	1.54	1.53	-0.01	0	0	0	0	0	0	0
3/5/2024 11:46	42401 GIMA_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
3/5/2024 11:48	54203 PENN_T1	76	107	31	0.48	0.39	-0.09	0	0	0	0	0	0	0
3/5/2024 11:48	43201 MVIL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
3/5/2024 11:49	42001 MNVL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
3/5/2024 11:53	67201 TEHI_T1	0	1	1	0	0	0	0	0	0	0	0	0	0
3/5/2024 11:54	67202 TEHI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
3/5/2024 11:55	67201 TEHI_T1	0	1	1	0	0	0	0	0	0	0	0	0	0
3/5/2024 11:59	16102 BING_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
3/5/2024 12:03	52002 LING_T2	1	1	0	1.3	1.3	0	0	0	0	0	0	0	0
3/5/2024 12:03	50506 MECH_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
3/5/2024 12:04	65002 NEFF_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
3/5/2024 12:05	60502 NMAN_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
3/5/2024 12:07	42001 MNVL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
3/5/2024 12:08	16102 BING_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
3/5/2024 12:16	50505 MECH_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
3/5/2024 12:19	50501 MECH_T1	4	4	0	1.25	1.35	0.1	0	0	0	0	0	0	0
3/5/2024 12:31	46803 HEPB_T2	1	3	2	0.2	0.13	-0.07	0	0	0	0	0	0	0
3/5/2024 13:09	65804 RTWN_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
3/5/2024 13:41	40503 CRES_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
3/5/2024 13:43	40503 CRES_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
3/5/2024 14:01	42401 GIMA_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
3/5/2024 14:09	56802 BENV_T2	1	41	40	1.1	0.17	-0.93	0	0	0	0	0	0	0
3/5/2024 14:21	57403 SPAN_T1	71	99	28	0.25	0.21	-0.04	0	0	0	0	0	0	0
3/5/2024 14:24	29401 BELT_T1	36	63	27	0.21	0.3	0.09	0	0	0	0	0	0	0
3/5/2024 14:25	43202 MVIL_T2	1	15	14	0.1	0.15	0.05	0	0	0	0	0	0	0
3/5/2024 14:27	40503 CRES_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
3/5/2024 14:31	59001 MIFF_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
3/5/2024 14:32	58402 MORO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
3/5/2024 14:32	42401 GIMA_T1	0	10	10	0	0.1	0.1	0	0	0	0	0	0	0
3/5/2024 14:33	58402 MORO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
3/5/2024 14:37	67605 WARW_T1	27	25	-2	0.52	0.43	-0.09	0	0	0	0	0	0	0
3/5/2024 14:43	43201 MVIL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
3/5/2024 17:22	29401 BELT_T1	14	0	-14	0.25	0	-0.25	0	0	0	0	0	0	0
3/5/2024 17:23	67603 WARW_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
3/5/2024 17:24	54502 ENOL_T2	0	1	1	0	0.1	0.1	0	0	0	0	0	0	0
3/5/2024 19:08	56802 BENV_T2	1	2	1	0.7	0.35	-0.35	0	0	0	0	0	0	0
3/5/2024 19:14	54505 ENOL_T2	1	1	0	0.5	0.7	0.2	0	0	0	0	0	0	0
3/5/2024 19:24	29402 BELT_T1	1	1	0	6.5	6.6	0.1	0	0	0	0	0	0	0
3/5/2024 19:45	56504 ROCK_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
3/5/2024 19:45	54601 SUMM_T2	5	7	2	0.32	0.57	0.25	0	0	0	0	0	0	0
3/5/2024 19:45	62605 ENGL_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
3/5/2024 19:45	54202 PENN_T2	4	28	24	0.1	0.14	0.04	0	0	0	0	0	0	0
3/5/2024 19:46	56503 ROCK_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
3/5/2024 19:46	57401 SPAN_T1	2	2	0	0.65	0.85	0.2	0	0	0	0	0	0	0
3/5/2024 19:50	57304 MOAL_T2	1	7	6	0.6	0.26	-0.34	0	0	0	0	0	0	0
3/5/2024 19:50	57401 SPAN_T1	2	2	0	0.65	0.85	0.2	0	0	0	0	0	0	0
3/5/2024 19:50	54206 PENN_T2	5	9	4	0.18	0.24	0.06	0	0	0	0	0	0	0
3/5/2024 19:50	56802 BENV_T2	2	10	8	0.15	0.18	0.03	0	0	0	0	0	0	0
3/5/2024 19:51	64703 LITI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
3/5/2024 19:51	57401 SPAN_T1	2	2	0	0.65	0.85	0.2	0	0	0	0	0	0	0
3/5/2024 19:51	49803 UNIV_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
3/5/2024 19:51	66502 SMAN_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
3/5/2024 19:51	56802 BENV_T2	2	10	8	0.15	0.18	0.03	0	0	0	0	0	0	0
3/5/2024 19:51	67503 WEWI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
3/5/2024 19:51	55001 NEWP_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
3/5/2024 19:55	29401 BELT_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
3/5/2024 19:55	50107 HARR_T3	0	0	0	0	0	0	0	0	0	0	0	0	0
3/5/2024 19:55	20402 ASHF_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
3/5/2024 19:55	56802 BENV_T2	2	10	8	0.15	0.18	0.03	0	0	0	0	0	0	0
3/5/2024 19:56	49803 UNIV_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
3/5/2024 19:56	67604 WARW_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
3/5/2024 19:56	64204 KINZ_T1	1	1	0	0.9	0.9	0	0	0	0	0	0	0	0
3/5/2024 19:56	56503 ROCK_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
3/5/2024 19:56	65502 MOJO_T2	1	2	1	0.1	0.1	0	0	0	0	0	0	0	0
3/5/2024 19:56	67503 WEWI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
3/5/2024 19:56	60301 TWVA_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
3/5/2024 19:56	13302 ORVI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
3/5/2024 19:57	42001 MNVL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
3/5/2024 19:57	46203 DANV_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
3/5/2024 19:58	53901 HAU_T2	12	24	12	0.27	0.31	0.04	0	0	0	0	0	0	0
3/5/2024 19:59	52006 LING_T2	2	2	0	1.15	1.35	0.2	0	0	0	0	0	0	0
3/5/2024 20:00	29401 BELT_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
3/5/2024 20:01	66301 MCGD_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
3/5/2024 20:01	46801 HEPB_T2	3	3	0	0.37	0.53	0.16	0	0	0	0	0	0	0
3/5/2024 20:01	64801 MONE_T2	4	16	12	0.23	0.32	0.09	0	0	0	0	0	0	0
3/5/2024 20:01	47402 PENS_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
3/5/2024 20:01	40101 HUNT_T2	0	1	1	0	0	0	0	0	0	0	0	0	0
3/5/2024 20:01	13302 ORVI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
3/5/2024 20:01	53901 HAU_T2	13	27	14	0.23	0.29	0.06	0	0	0	0	0	0	0
3/5/2024 20:01	10801 CHHI_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
3/5/2024 20:02	43201 MVIL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
3/5/2024 20:02	46203 DANV_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
3/5/2024 20:02	43201 MVIL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
3/5/2024 20:02	42701 AUGU_T1	0	1	1	0	0.1	0.1	0	0	0	0	0	0	0
3/5/2024 20:08	26001 WDAM_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
3/5/2024 20:10	66703 STRA_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
3/5/2024 20:11	40602 PIGR_T1	1	1	0	0.4	0.3	-0.1	0	0	0	0	0	0	0
3/5/2024 20:12	45402 WILO_T2	54	81	27	0.32	0.38	0.06	0	0	0	0	0	0	0
3/5/2024 20:12	43301 WATS_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
3/5/2024 20:59	57403 SPAN_T1	3	18	15	0.13	0.23	0.1	0	0	0	0	0	0	0
3/6/2024 3:04	58402 MORO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
3/6/2024 4:07	53902 HAU_T2	1	1	0	5.3	5	-0.3	0	0	0	0	0	0	0
3/6/2024 8:18	55002 NEWP_T1	6	6	0	0.47	0.8	0.33	0	0	0	0	0	0	0
3/6/2024 8:21	29402 BELT_T1	1	1	0	7.3	8	0.7	0	0	0	0	0	0	0
3/6/2024 8:29	64703 LITI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
3/6/2024 8:36	29401 BELT_T1	60	60	0	0	0.28	0.28	0	0	0	0	0	0	0
3/6/2024 8:37	29401 BELT_T1	0	60	60	0	0.28	0.28	0	0	0	0	0	0	0
3/6/2024 8:38	29401 BELT_T1	0	60	60	0	0.28	0.28	0	0	0	0	0	0	0
3/6/2024 9:00	62606 ENGL_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
3/6/2024 9:00	65003 NEFF_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
3/6/2024 9:00	12302 LANA_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
3/6/2024 9:00	67401 WAKE_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
3/6/2024 9:00	24101 EHAZ_T1	30	24	-6	0.65	1.12	0.47	0	0	0	0	0	0	0
3/6/2024 9:00	53902 HAU_T2	1	1	0	5.9	5.8	-0.1	0	0	0	0	0	0	0
3/6/2024 9:00	53502 EVIL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
3/6/2024 9:00	46002 BERV_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
3/6/2024 9:00	40504 CRES_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
3/6/2024 9:00	43001 ALWD_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
3/6/2024 9:00	16103 BING_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
3/6/2024 9:00	47104 MARL_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
3/6/2024 9:00	60701 BREC_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
3/6/2024 9:00	40101 HUNT_T2	1	1	0	0.1	0.3	0.2	0	0	0	0	0	0	0
3/6/2024 9:03	57302 MOAL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
3/6/2024 9:08	29402 BELT_T1	1	1	0	8.2	8.3	0.1	0	0	0	0	0	0	0
3/6/2024 9:08	42901 MIDD_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
3/6/2024 9:11	56802 BENV_T2	2	2	0	0.45	0.55	0.1	0	0	0	0	0	0	0
3/6/2024 9:14	29402 BELT_T1	1	1	0	8.2	8.3	0.1	0	0	0	0	0	0	0
3/6/2024 9:16	64702 LITI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
3/6/2024 9:16	55001 NEWP_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
3/6/2024 9:25	54504 ENOL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
3/6/2024 9:25	60303 TWVA_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
3/6/2024 9:26	54504 ENOL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
3/6/2024 9:26	54505 ENOL_T2	1	1	0	0.7	1	0.3	0	0	0	0	0	0	0
3/6/2024 9:27	54503 ENOL_T2	0	1	1	0	0	0	0	0	0	0	0	0	0
3/6/2024 9:35	42203 SHEN_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
3/6/2024 9:40	44302 BEAV_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
3/6/2024 9:41	10801 CHHI_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
3/6/2024 9:55	54206 PENN_T2	2	3	1	0.15	0.23	0.08	0	0	0	0	0	0	0
3/6/2024 9:56	41901 REED_T1	10	3	-7	0.27	0.3	0.03	0	0	0	0	0	0	0
3/6/2024 9:56	58401 MORO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
3/6/2024 9:56	43001 ALWD_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
3/6/2024 9:57	29402 BELT_T1	1	1	0	7.8	7.4	-0.4	0	0	0	0	0	0	0
3/6/2024 9:57	54601 SUMM_T2	11	13	2	0.69	0.85	0.16	0	0	0	0	0	0	0
3/6/2024 9:59	66303 MCGD_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
3/6/2024 10:00	47002 HUGH_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
3/6/2024 10:00	41802 GOCI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
3/6/2024 10:00	64702 LITI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
3/6/2024 10:01	47001 HUGH_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
3/6/2024 10:01	67503 WEWI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
3/6/2024 10:02	43202 MVIL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
3/6/2024 10:05	41901 REED_T1	3	2	-1	0.3	0.25	-0.05	0	0	0	0	0	0	0
3/6/2024 10:05	55001 NEWP_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
3/6/2024 10:07	20402 ASHF_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
3/6/2024 10:08	56802 BENV_T2	1	1	0	1.1	1	-0.1	0	0	0	0	0	0	0
3/6/2024 10:10	41802 GOCI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
3/6/2024 10:10	43303 WATS_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
3/6/2024 10:10	20402 ASHF_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
3/6/2024 10:10	43001 ALWD_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
3/6/2024 10:10	15001 BLMO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
3/6/2024 10:10	42701 AUGU_T1	1	1	0	0.7	0.7	0	0	0	0	0	0	0	0
3/6/2024 10:11	15001 BLMO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
3/6/2024 10:11	54503 ENOL_T2	1	0	-1	6.7	0	-6.7	0	0	0	0	0	0	0
3/6/2024 10:11	60803 BUCK_T1	1	3	2	0.1	0.1	0	0	0	0	0	0	0	0
3/6/2024 10:11	56802 BENV_T2	1	1	0	1.1	1	-0.1	0	0	0	0	0	0	0
3/6/2024 10:11	42701 AUGU_T1	1	1	0	0.7	0.7	0	0	0	0	0	0	0	0
3/6/2024 10:12	46205 DANV_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
3/6/2024 10:12	15001 BLMO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
3/6/2024 10:16	40902 JESH_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
3/6/2024 10:16	57303 MOAL_T2	1	1	0	7.1	7	-0.1	0	0	0	0	0	0	0
3/6/2024 10:16	58401 MORO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
3/6/2024 10:17	64203 KINZ_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
3/6/2024 10:17	12701 MACU_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
3/6/2024 10:18	57304 MOAL_T2	0	10	10	0	0.24	0.24	0	0	0	0	0	0	0
3/6/2024 10:18	64802 MONE_T2	1	1	0	1.1	1	-0.1	0	0	0	0	0	0	0
3/6/2024 10:18	40602 PIGR_T1	0	0	0	0	0	0	0	0	0	0

3/6/2024 10:37	67201 TEHI_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
3/6/2024 10:37	67201 TEHI_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
3/6/2024 10:38	67503 WEWI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
3/6/2024 10:39	23902 EFMO_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
3/6/2024 10:40	67502 WEWI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
3/6/2024 10:41	29402 BELT_T1	1	1	0	7.5	7.8	0.3	0	0	0	0	0	0	0
3/6/2024 10:42	54504 ENOL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
3/6/2024 10:42	29401 BELT_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
3/6/2024 10:43	28703 HAML_T2	2	0	-2	0.1	0	-0.1	0	0	0	0	0	0	0
3/6/2024 10:43	64202 KINZ_T1	0	2	2	0	0.15	0.15	0	0	0	0	0	0	0
3/6/2024 10:43	46801 HEPB_T2	2	2	0	0.6	0.7	0.1	0	0	0	0	0	0	0
3/6/2024 10:45	55002 NEWP_T1	5	6	1	0.76	0.6	-0.16	0	0	0	0	0	0	0
3/6/2024 10:45	65503 MOJO_T2	0	207	207	0	0.17	0.17	0	0	0	0	0	0	0
3/6/2024 10:46	40301 TAMA_T3	1	1	0	0	0	0	0	0	0	0	0	0	0
3/6/2024 10:46	65502 MOJO_T2	0	274	274	0	0.22	0.22	0	0	0	0	0	0	0
3/6/2024 10:47	59003 MIFF_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
3/6/2024 10:48	56501 ROCK_T2	7	8	1	0.51	0.49	-0.02	0	0	0	0	0	0	0
3/6/2024 10:48	25501 MADI_T1	3	0	-3	0.37	0	-0.37	0	0	0	0	0	0	0
3/6/2024 10:48	46803 HEPB_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
3/6/2024 10:50	55001 NEWP_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
3/6/2024 10:51	66501 SMAN_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
3/6/2024 10:52	60201 ATGL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
3/6/2024 10:53	27503 WEIS_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
3/6/2024 10:53	60803 BUCK_T1	0	12	12	0	0.18	0.18	0	0	0	0	0	0	0
3/6/2024 10:53	29401 BELT_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
3/6/2024 10:53	45402 WBLO_T2	2	38	36	0.5	0.29	-0.21	0	0	0	0	0	0	0
3/6/2024 10:54	10805 CHHI_T2	11	11	0	1.49	1.65	0.16	0	0	0	0	0	0	0
3/6/2024 10:54	53501 EVIL_T2	1	2	1	0.3	0.4	0.1	0	0	0	0	0	0	0
3/6/2024 10:56	46205 DANV_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
3/6/2024 10:56	10805 CHHI_T2	11	11	0	1.49	1.65	0.16	0	0	0	0	0	0	0
3/6/2024 10:56	45502 DERR_T2	0	1	1	0	0	0	0	0	0	0	0	0	0
3/6/2024 10:57	46004 BERW_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
3/6/2024 10:57	54501 ENOL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
3/6/2024 10:57	10805 CHHI_T2	11	11	0	1.49	1.65	0.16	0	0	0	0	0	0	0
3/6/2024 10:57	60504 NMAN_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
3/6/2024 10:58	46201 DANV_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
3/6/2024 10:58	53501 EVIL_T2	1	2	1	0.3	0.4	0.1	0	0	0	0	0	0	0
3/6/2024 10:59	45502 DERR_T2	0	1	1	0	0	0	0	0	0	0	0	0	0
3/6/2024 11:01	46101 MACI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
3/6/2024 11:03	64802 MONE_T2	1	9	8	0.8	0.11	-0.69	0	0	0	0	0	0	0
3/6/2024 11:03	44601 SALE_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
3/6/2024 11:04	44601 SALE_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
3/6/2024 11:08	28601 BLYT_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
3/6/2024 11:09	27503 WEIS_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
3/6/2024 11:12	46201 DANV_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
3/6/2024 11:13	40101 HUNT_T2	0	2	2	0	0	0	0	0	0	0	0	0	0
3/6/2024 11:14	40101 HUNT_T2	0	2	2	0	0	0	0	0	0	0	0	0	0
3/6/2024 11:14	41802 GOCI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
3/6/2024 11:15	55103 WERT_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
3/6/2024 11:15	40101 HUNT_T2	0	4	4	0	0	0	0	0	0	0	0	0	0
3/6/2024 11:16	55002 NEWP_T1	6	6	0	0.55	0.88	0.33	0	0	0	0	0	0	0
3/6/2024 11:17	54503 ENOL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
3/6/2024 11:17	55002 NEWP_T1	6	6	0	0.55	0.88	0.33	0	0	0	0	0	0	0
3/6/2024 11:18	58402 MORO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
3/6/2024 11:18	59003 MIFF_T1	0	1	1	0	0.2	0.2	0	0	0	0	0	0	0
3/6/2024 11:19	58402 MORO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
3/6/2024 11:19	58402 MORO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
3/6/2024 11:19	43201 MVIL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
3/6/2024 11:20	66703 STRA_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
3/6/2024 11:21	43202 MVIL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
3/6/2024 11:22	43202 MVIL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
3/6/2024 11:22	64101 REFR_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
3/6/2024 11:24	44301 BEAV_T2	1	1	0	0.9	0.3	-0.6	0	0	0	0	0	0	0
3/6/2024 11:24	60201 ATGL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
3/6/2024 11:25	43304 WATS_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
3/6/2024 11:25	43301 WATS_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
3/6/2024 11:25	43302 WATS_T2	0	4	4	0	0.15	0.15	0	0	0	0	0	0	0
3/6/2024 11:25	44302 BEAV_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
3/6/2024 11:29	54502 ENOL_T2	1	1	0	0.3	0.4	0.1	0	0	0	0	0	0	0
3/6/2024 11:29	42401 GIMA_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
3/6/2024 11:29	53903 HALI_T2	2	2	0	0.9	1.3	0.4	0	0	0	0	0	0	0
3/6/2024 11:30	25501 MADI_T1	2	2	0	0.5	0.25	-0.25	0	0	0	0	0	0	0
3/6/2024 11:30	53902 HALI_T2	1	1	0	5.3	5.5	0.2	0	0	0	0	0	0	0
3/6/2024 11:32	54206 PENN_T2	2	2	0	0.15	0.2	0.05	0	0	0	0	0	0	0
3/6/2024 11:33	52502 PROG_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
3/6/2024 11:33	13302 ORVI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
3/6/2024 11:33	65503 MOJO_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
3/6/2024 11:34	20401 ASHF_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
3/6/2024 11:34	60504 NMAN_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
3/6/2024 11:34	52502 PROG_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
3/6/2024 11:35	67203 TEHI_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
3/6/2024 11:36	42002 MNVL_T2	1	1	0	6.5	6.2	-0.3	0	0	0	0	0	0	0
3/6/2024 11:36	20401 ASHF_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
3/6/2024 11:37	53902 HALI_T2	1	1	0	5.3	5.5	0.2	0	0	0	0	0	0	0
3/6/2024 11:39	54504 ENOL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
3/6/2024 11:39	20402 ASHF_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
3/6/2024 11:39	43001 ALWD_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
3/6/2024 11:39	29402 BELT_T1	1	1	0	7.9	7.8	-0.1	0	0	0	0	0	0	0
3/6/2024 11:39	29401 BELT_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
3/6/2024 11:40	43001 ALWD_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
3/6/2024 11:40	67201 TEHI_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
3/6/2024 11:40	45501 DERR_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
3/6/2024 11:40	29401 BELT_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
3/6/2024 11:40	29402 BELT_T1	1	1	0	7.9	7.8	-0.1	0	0	0	0	0	0	0
3/6/2024 11:42	42401 GIMA_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
3/6/2024 11:43	45501 DERR_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
3/6/2024 11:43	54505 ENOL_T2	1	1	0	1	1	0	0	0	0	0	0	0	0
3/6/2024 11:44	59003 MIFF_T1	0	1	1	0	0.5	0.5	0	0	0	0	0	0	0
3/6/2024 11:44	64202 KINZ_T1	3	2	-1	0.37	0.45	0.08	0	0	0	0	0	0	0
3/6/2024 11:44	40101 HUNT_T2	2	3	1	0.35	0	-0.35	0	0	0	0	0	0	0
3/6/2024 11:45	54505 ENOL_T2	1	1	0	1	1	0	0	0	0	0	0	0	0
3/6/2024 11:45	25501 MADI_T1	2	2	0	0.25	0.1	-0.15	0	0	0	0	0	0	0
3/6/2024 11:45	40101 HUNT_T2	2	6	4	0.2	0.8	0.6	0	0	0	0	0	0	0
3/6/2024 11:46	42802 SELI_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
3/6/2024 11:46	64204 KINZ_T1	1	26	25	0.5	0.17	-0.33	0	0	0	0	0	0	0
3/6/2024 11:46	40101 HUNT_T2	2	6	4	0.2	0.8	0.6	0	0	0	0	0	0	0
3/6/2024 11:47	42802 SELI_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
3/6/2024 11:47	64203 KINZ_T1	0	6	6	0	0.1	0.1	0	0	0	0	0	0	0
3/6/2024 11:48	54204 PENN_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
3/6/2024 11:48	65502 MOJO_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
3/6/2024 11:49	59001 MIFF_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
3/6/2024 11:49	65502 MOJO_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
3/6/2024 11:49	60501 NMAN_T2	3	21	18	5.23	0.96	-4.27	0	0	0	0	0	0	0
3/6/2024 11:50	65004 NEFF_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
3/6/2024 11:50	54204 PENN_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
3/6/2024 11:51	54204 PENN_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
3/6/2024 11:51	67603 WARW_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
3/6/2024 11:51	67401 WAKE_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
3/6/2024 11:52	60303 TWVA_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
3/6/2024 11:54	67401 WAKE_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
3/6/2024 11:54	45501 DERR_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
3/6/2024 11:55	53502 EVIL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
3/6/2024 11:55	43001 ALWD_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
3/6/2024 11:56	45502 DERR_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
3/6/2024 11:56	43001 ALWD_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
3/6/2024 11:57	46204 DANV_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
3/6/2024 11:58	53502 EVIL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
3/6/2024 11:59	46202 DANV_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
3/6/2024 12:00	50501 MECH_T1	4	4	0	1.18	1.4	0.22	0	0	0	0	0	0	0
3/6/2024 12:00	59001 MIFF_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
3/6/2024 12:01	25503 MADI_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
3/6/2024 12:04	65502 MOJO_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
3/6/2024 12:04	52503 PROG_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
3/6/2024 12:05	65004 NEFF_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
3/6/2024 12:05	65503 MOJO_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
3/6/2024 12:06	67001 STHI_T2	1	1	0	0.3	0.4	0.1	0	0	0	0	0	0	0
3/6/2024 12:06	52502 PROG_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
3/6/2024 12:06	65002 NEFF_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
3/6/2024 12:07	60301 TWVA_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
3/6/2024 12:10	45501 DERR_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
3/6/2024 12:10	12704 MACU_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
3/6/2024 12:12	45501 DERR_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
3/6/2024 12:15	50504 MECH_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
3/6/2024 12:15	42401 GIMA_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
3/6/2024 12:16	50506 MECH_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
3/6/2024 12:18	50505 MECH_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
3/6/2024 12:20	13302 ORVI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
3/6/2024 12:21	65002 NEFF_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
3/6/2024 12:28	40101 HUNT_T2	6	16	10	0.82	0.4	-0.42	0	0	0	0	0	0	0
3/6/2024 12:31	40101 HUNT_T2	16	4	-12	0.47	0	-0.47	0	0	0	0	0	0	0
3/6/2024 12:32	40101 HUNT_T2	16	4	-12	0.47	0	-0.47	0	0	0	0	0	0	0
3/6/2024 12:33	42001 MNVL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
3/6/2024 12:39	66302 MCGO_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
3/6/2024 12:40	42401 GIMA_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
3/6/2024 12:48	65005 NEFF_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
3/6/2024 12:53	57401 SPAN_T1	2	2	0	0.55	0.7	0.15	0	0	0	0	0	0	0
3/6/2024 12:54	26002 WDAM_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
3/6/2024 12:57	65004 NEFF_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
3/6/2024 13:02	13302 ORVI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
3/6/2024 13:03	60502 NMAN_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
3/6/2024 13:06	60501 NMAN_T2	39	33	-6	0.66	0.67	0.01	0	0	0	0	0	0	0
3/6/2024 13:10	14802 TREI_T2	5	86	81	0.24	0.27	0.03	0	0	0	0	0	0	0
3/6/2024 13:16	64201 KINZ_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
3/6/2024 13:16	64202 KINZ_T1	2	3	1	0.2	0.23	0.03	0	0	0	0	0	0	0
3/6/2024 13:18	64203 KINZ_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
3/6/2024 13:35	13201 PALM_T1	106	249	143	0.19	0.25	0.06	0	0	0	0	0	0	0
3/6/2024 13:35	14802 TREI_T2	86	85	-1	0.27	0.27	0	0	0	0	0	0	0	0
3/6/2024 13:39	65003 NEFF_T2	0	2	2	0	0.1	0.1	0	0	0	0	0	0	0
3/6/2024 13:47	54202 PENN_T2	4	24	20	0.1	0.13	0.03	0	0	0	0	0	0	0
3/6/2024 14:00	65004 NEFF_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
3/6/2024 14:05	44504 HAMI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
3/6/2024 14:06	43304 WATS_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
3/6/2024 14:07	43304 WATS_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
3/6/2024 14:07	43302 WATS_T2	0	4	4	0	0.3	0.3	0	0	0	0	0	0	0
3/6/2024 14:07	27503 WEIS_T2	0	4	4	0	0.1	0.1	0	0	0	0	0	0	0
3/6/2024 14:07	67201 TEHI_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
3/6/2024 14:07	56802 BENV_T2	1	10	9	1	0.19	-0.81	0	0	0	0	0	0	0
3/6/2024 14:07	67203 TEHI_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
3/6/2024 14:08	43301 WATS_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
3/6/2024 14:08	56802 BENV_T2	1	10	9	1	0.19	-0.81	0	0	0	0	0	0	0
3/6/2024 14:10	45501 DERR_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
3/6/2024 14:10	56802 BENV_T2	1	10	9	1	0.19	-0.81	0	0	0	0	0	0	0
3/6/2024 14:11	54504 ENOL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
3/6/2024 14:11	54506 ENOL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
3/6/2024 14:11	56802 BENV_T2	1	10	9	1	0.19	-0.81	0	0	0	0	0	0	0
3/6/2024 14:12	43301 WATS_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
3/6/2024 14:12	56802 BENV_T2	1	10	9	1	0.19	-0.81	0	0	0	0	0	0	0
3/6/2024 14:12	17803 GILB_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
3/6/2024 14:13	54501 ENOL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
3/6/2024 14:14	64301 LINC_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
3/6/2024 14:15	54506 ENOL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
3/6/2024 14:17	65003 NEFF_T2	4	4	0	0.23	0.3	0.07	0	0	0	0	0	0	0
3/6/2024 14:17	58402 MORO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
3/6/2024 14:17	47002 HUGH_T2	0	1	1	0	0	0	0	0	0	0	0	0	0
3/6/2024 14:17	59002 MIFF_T1	6	7	1	0.27	0.78	0.51	0	0	0	0	0	0	0
3/6/2024 14:17	58402 MORO_T1	0	0	0

3/6/2024 14:26	43001 ALWD_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/6/2024 14:26	44301 BEAV_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/6/2024 14:27	40101 HUNT_T2	0	1	1	0	0.1	0.1	0	0	0	0	0	0	0	0
3/6/2024 14:27	44301 BEAV_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/6/2024 14:27	45802 HEGI_T2	1	2	1	0.2	0	-0.2	0	0	0	0	0	0	0	0
3/6/2024 14:28	40101 HUNT_T2	0	1	1	0	0.1	0.1	0	0	0	0	0	0	0	0
3/6/2024 14:28	14404 SSLA_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/6/2024 14:28	28803 LAKE_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/6/2024 14:28	46803 HEPB_T2	0	1	1	0	0.1	0.1	0	0	0	0	0	0	0	0
3/6/2024 14:29	42801 SELI_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/6/2024 14:29	46204 DANV_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/6/2024 14:29	46206 DANV_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/6/2024 14:29	64203 KINZ_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/6/2024 14:29	46801 HEPB_T2	2	3	1	0.8	0.57	-0.23	0	0	0	0	0	0	0	0
3/6/2024 14:30	42802 SELI_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/6/2024 14:30	40101 HUNT_T2	1	1	0	0.4	0.1	-0.3	0	0	0	0	0	0	0	0
3/6/2024 14:31	28801 LAKE_T1	175	216	41	0.21	0.34	0.13	0	0	0	0	0	0	0	0
3/6/2024 14:31	65503 MOJO_T2	11	1	-10	0.15	0.1	-0.05	0	0	0	0	0	0	0	0
3/6/2024 14:32	65005 NEFF_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/6/2024 14:32	60504 NMAN_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/6/2024 14:32	59003 MIFF_T1	1	1	0	0.3	0.2	-0.1	0	0	0	0	0	0	0	0
3/6/2024 14:32	46803 HEPB_T2	1	2	1	0.1	0.2	0.1	0	0	0	0	0	0	0	0
3/6/2024 14:33	65001 NEFF_T2	39	80	41	0.13	0.13	0	0	0	0	0	0	0	0	0
3/6/2024 14:33	42902 MIDD_T2	18	18	0	0.26	0.24	-0.02	0	0	0	0	0	0	0	0
3/6/2024 14:33	25501 MADI_T1	3	3	0	1.17	1.23	0.06	0	0	0	0	0	0	0	0
3/6/2024 14:33	58402 MORO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/6/2024 14:33	64902 MILL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/6/2024 14:34	42002 MNVL_T2	1	1	0	5.9	5.7	-0.2	0	0	0	0	0	0	0	0
3/6/2024 14:34	42903 MIDD_T2	2	2	0	1.3	1.4	0.1	0	0	0	0	0	0	0	0
3/6/2024 14:35	65502 MOJO_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/6/2024 14:36	56501 ROCK_T2	20	39	19	0.27	0.25	-0.02	0	0	0	0	0	0	0	0
3/6/2024 14:37	65001 NEFF_T2	39	80	41	0.13	0.13	0	0	0	0	0	0	0	0	0
3/6/2024 14:37	43301 WATS_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/6/2024 14:37	52502 PROG_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/6/2024 14:37	13302 ORVI_T2	0	3	3	0	0.1	0.1	0	0	0	0	0	0	0	0
3/6/2024 14:38	56802 BENV_T2	5	120	115	0.28	0.19	-0.09	0	0	0	0	0	0	0	0
3/6/2024 14:38	14802 TREI_T2	91	96	5	0.29	0.28	-0.01	0	0	0	0	0	0	0	0
3/6/2024 14:38	59302 MCAL_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/6/2024 14:38	43001 ALWD_T1	0	3	3	0	0.1	0.1	0	0	0	0	0	0	0	0
3/6/2024 14:38	56801 BENV_T1	29	36	7	0.92	0.92	0	0	0	0	0	0	0	0	0
3/6/2024 14:38	28604 BLYT_T2	1	1	0	0	0	0	0	0	0	0	0	0	0	0
3/6/2024 14:38	42701 AUGU_T1	1	1	0	0.7	1	0.3	0	0	0	0	0	0	0	0
3/6/2024 14:38	29402 BELT_T1	1	1	0	7.5	7.7	0.2	0	0	0	0	0	0	0	0
3/6/2024 14:38	67402 WAKE_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/6/2024 14:39	67203 TEHI_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/6/2024 14:39	43302 WATS_T2	4	4	0	0.3	0.7	0.4	0	0	0	0	0	0	0	0
3/6/2024 14:39	46002 BERW_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/6/2024 14:39	43302 WATS_T2	4	4	0	0.3	0.7	0.4	0	0	0	0	0	0	0	0
3/6/2024 14:39	42701 AUGU_T1	1	1	0	0.7	1	0.3	0	0	0	0	0	0	0	0
3/6/2024 14:39	56802 BENV_T2	5	120	115	0.28	0.19	-0.09	0	0	0	0	0	0	0	0
3/6/2024 14:39	60801 BUCK_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/6/2024 14:40	67401 WAKE_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/6/2024 14:40	45501 DERR_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/6/2024 14:40	46002 BERW_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/6/2024 14:40	41602 CLEV_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/6/2024 14:41	54503 ENOL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/6/2024 14:41	56802 BENV_T2	5	120	115	0.28	0.19	-0.09	0	0	0	0	0	0	0	0
3/6/2024 14:41	54502 ENOL_T2	1	3	2	0.6	0.3	-0.3	0	0	0	0	0	0	0	0
3/6/2024 14:41	41602 CLEV_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/6/2024 14:42	62601 ENGL_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/6/2024 14:42	54501 ENOL_T2	0	3	3	0	0.17	0.17	0	0	0	0	0	0	0	0
3/6/2024 14:42	56802 BENV_T2	5	120	115	0.28	0.19	-0.09	0	0	0	0	0	0	0	0
3/6/2024 14:42	46206 DANV_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/6/2024 14:42	54502 ENOL_T2	1	3	2	0.6	0.3	-0.3	0	0	0	0	0	0	0	0
3/6/2024 14:42	43001 ALWD_T1	0	3	3	0	0.1	0.1	0	0	0	0	0	0	0	0
3/6/2024 14:43	45802 HEGI_T2	2	0	-2	0.7	0	-0.7	0	0	0	0	0	0	0	0
3/6/2024 14:43	56803 BENV_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/6/2024 14:43	20401 ASHF_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/6/2024 14:43	54501 ENOL_T2	0	3	3	0	0.17	0.17	0	0	0	0	0	0	0	0
3/6/2024 14:43	56802 BENV_T2	5	120	115	0.28	0.19	-0.09	0	0	0	0	0	0	0	0
3/6/2024 14:44	46201 DANV_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/6/2024 14:44	28801 LAKE_T1	175	216	41	0.21	0.34	0.13	0	0	0	0	0	0	0	0
3/6/2024 14:44	62604 ENGL_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/6/2024 14:44	46801 HEPB_T2	3	8	5	0.57	0.31	-0.26	0	0	0	0	0	0	0	0
3/6/2024 14:45	46801 HEPB_T2	3	11	8	0.57	0.27	-0.3	0	0	0	0	0	0	0	0
3/6/2024 14:45	62606 ENGL_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/6/2024 14:45	64202 KINZ_T1	3	9	6	0.57	0.33	-0.24	0	0	0	0	0	0	0	0
3/6/2024 14:45	54504 ENOL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/6/2024 14:45	54501 ENOL_T2	1	3	2	0.1	0.17	0.07	0	0	0	0	0	0	0	0
3/6/2024 14:45	20401 ASHF_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/6/2024 14:46	20402 ASHF_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/6/2024 14:46	65502 MOJO_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/6/2024 14:46	28803 LAKE_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/6/2024 14:46	62604 ENGL_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/6/2024 14:47	65004 NEFF_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/6/2024 14:47	62606 ENGL_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/6/2024 14:47	65502 MOJO_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/6/2024 14:47	63205 MGTN_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/6/2024 14:48	60501 NMAN_T2	5	7	2	2.96	2.21	-0.75	0	0	0	0	0	0	0	0
3/6/2024 14:49	65001 NEFF_T2	60	180	120	0.12	0.18	0.06	0	0	0	0	0	0	0	0
3/6/2024 14:49	57403 SPAN_T1	6	10	4	0.15	0.24	0.09	0	0	0	0	0	0	0	0
3/6/2024 14:49	54602 SUMM_T2	10	16	6	0.46	0.56	0.1	0	0	0	0	0	0	0	0
3/6/2024 14:49	42902 MIDD_T2	18	10	-8	0.24	0.15	-0.09	0	0	0	0	0	0	0	0
3/6/2024 14:49	56504 ROCK_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/6/2024 14:49	65903 SAKR_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/6/2024 14:49	64902 MILL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/6/2024 14:50	54601 SUMM_T2	13	13	0	0.82	1.03	0.21	0	0	0	0	0	0	0	0
3/6/2024 14:50	42901 MIDD_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/6/2024 14:50	42001 MNVL_T2	1	15	14	0.1	0.14	0.04	0	0	0	0	0	0	0	0
3/6/2024 14:51	56503 ROCK_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/6/2024 14:51	54602 SUMM_T2	10	16	6	0.46	0.56	0.1	0	0	0	0	0	0	0	0
3/6/2024 14:51	57403 SPAN_T1	6	10	4	0.15	0.24	0.09	0	0	0	0	0	0	0	0
3/6/2024 14:52	57401 SPAN_T1	2	2	0	0.65	0.5	-0.15	0	0	0	0	0	0	0	0
3/6/2024 14:53	43302 WATS_T2	4	4	0	0.48	0.85	0.37	0	0	0	0	0	0	0	0
3/6/2024 14:53	57403 SPAN_T1	6	10	4	0.15	0.24	0.09	0	0	0	0	0	0	0	0
3/6/2024 14:53	57403 SPAN_T1	6	10	4	0.15	0.24	0.09	0	0	0	0	0	0	0	0
3/6/2024 14:54	43301 WATS_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/6/2024 14:54	60101 COCA_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/6/2024 14:54	45502 DERR_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/6/2024 14:54	56501 ROCK_T2	25	148	123	0.27	0.2	-0.07	0	0	0	0	0	0	0	0
3/6/2024 14:55	43304 WATS_T2	0	1	1	0	0.1	0.1	0	0	0	0	0	0	0	0
3/6/2024 14:55	45502 DERR_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/6/2024 14:56	60102 COCA_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/6/2024 14:57	44301 BEAV_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/6/2024 14:58	40101 HUNT_T2	1	1	0	0.1	0	-0.1	0	0	0	0	0	0	0	0
3/6/2024 14:59	50506 MECH_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/6/2024 14:59	59302 MCAL_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/6/2024 14:59	15701 TANN_T1	1	1	0	4.6	4.3	-0.3	0	0	0	0	0	0	0	0
3/6/2024 14:59	23901 EFMO_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/6/2024 14:59	40101 HUNT_T2	1	1	0	0.1	0	-0.1	0	0	0	0	0	0	0	0
3/6/2024 15:00	64201 KINZ_T1	6	6	0	0.32	0.35	0.03	0	0	0	0	0	0	0	0
3/6/2024 15:00	25503 MADI_T1	86	51	-35	0.18	0.15	-0.03	0	0	0	0	0	0	0	0
3/6/2024 15:00	58402 MORO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/6/2024 15:02	40101 HUNT_T2	1	0	-1	0.5	0	-0.5	0	0	0	0	0	0	0	0
3/6/2024 15:03	13302 ORVI_T2	2	5	3	0.1	0.1	0	0	0	0	0	0	0	0	0
3/6/2024 15:04	54204 PENN_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/6/2024 15:04	50505 MECH_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/6/2024 15:04	46701 RENO_T1	175	159	-16	0.36	0.33	-0.03	0	0	0	0	0	0	0	0
3/6/2024 15:05	54202 PENN_T2	189	45	-144	0.15	0.13	-0.02	0	0	0	0	0	0	0	0
3/6/2024 15:05	46702 RENO_T1	147	132	-15	0.25	0.22	-0.03	0	0	0	0	0	0	0	0
3/6/2024 15:05	26001 WDAM_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/6/2024 15:06	56504 ROCK_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/6/2024 15:06	42001 MNVL_T2	15	11	-4	0.14	0.14	0	0	0	0	0	0	0	0	0
3/6/2024 15:06	13302 ORVI_T2	2	5	3	0.1	0.1	0	0	0	0	0	0	0	0	0
3/6/2024 15:10	26002 WDAM_T1	0	1	1	0	0.1	0.1	0	0	0	0	0	0	0	0
3/6/2024 15:10	60801 BUCK_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/6/2024 15:19	65001 NEFF_T2	180	228	48	0.18	0.26	0.08	0	0	0	0	0	0	0	0
3/6/2024 15:23	24902 WHHA_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/6/2024 15:26	67604 WARW_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/6/2024 15:30	59001 MIFF_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/6/2024 15:30	58401 MORO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/6/2024 15:31	58402 MORO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/6/2024 15:31	17805 GILB_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/6/2024 15:34	54506 ENOL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/6/2024 15:35	65004 NEFF_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/6/2024 15:41	29402 BELT_T1	1	1	0	7.8	7.5	-0.3	0	0	0	0	0	0	0	0
3/6/2024 15:46	40101 HUNT_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/6/2024 15:47	40101 HUNT_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/6/2024 15:47	46801 HEPB_T2	22	22	0	0.25	0.25	0	0	0	0	0	0	0	0	0
3/6/2024 15:53	44302 BEAV_T2	10	25	15	0.15	0.13	-0.02	0	0	0	0	0	0	0	0
3/6/2024 15:54	40502 CRES_T2	16	4	-12	0.24	0.2	-0.04	0	0	0	0	0	0	0	0
3/6/2024 15:54	60701 BREC_T1	0	147	147	0	0.14	0.14	0	0	0	0	0	0	0	0
3/6/2024 15:54	44301 BEAV_T2	0	1	1	0	0.1	0.1	0	0	0	0	0	0	0	0
3/6/2024 15:55	40502 CRES_T2	16	4	-12	0.24	0.2	-0.04	0	0	0	0	0	0	0	0
3/6/2024 15:56	65004 NEFF_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/6/2024 15:56	40501 CRES_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/6/2024 15:56	60701 BREC_T1	0	147	147	0	0.14	0.14	0	0	0	0	0	0	0	0
3/6/2024 15:57	60701 BREC_T1	0	147	147	0	0.14	0.14	0	0	0	0	0	0	0	0
3/6/2024 15:57	40502 CRES_T2	16	4	-12	0.24	0.2	-0.04	0	0	0	0	0	0	0	0
3/6/2024 16:01	60701 BREC_T1	145	52	-93	0.14	0.12	-0.02	0	0	0	0	0	0	0	0
3/6/2024 16:02	40101 HUNT_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/6/2024 16:23	10702 CATA_T2	1	1	0	0.6	0.5	-0.1	0	0	0	0	0	0	0	0
3/6/2024 16:28	47001 HUGH_T2	3	0	-3	0.23	0	-0.23	0	0	0	0	0	0	0	0
3/6/2024 16:29	47002 HUGH_T2	1	1	0	0.1	0.2	0.1	0	0	0	0	0	0	0	0
3/6/2024 16:43	65005 NEFF_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/6/2024 16:52	47403 PENS_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/6/2024 16:59	65003 NEFF_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/6/2024 18:31	62606 ENGL_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/6/2024 19:16	29401 BELT_T1	0	14	14	0	0.13	0.13	0	0	0	0	0	0	0	0
3/6/2024 19:22	28703 HAML_T2	1	0	-1	0.1	0	-0.1	0	0	0	0	0	0	0	0
3/6/2024 19:22	29402 BELT_T1	1	1	0	6.6	7.4	0.8	0	0	0	0	0	0	0	0
3/6/2024 19:23	20403 ASHF_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/6/2024 19:26	65002 NEFF_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/6/2024 19:27	29401 BELT_T1	0	14	14	0	0.13	0.13	0	0	0	0	0	0	0	0
3/6/2024 19:27	20403 ASHF_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/6/2024 19:27	28801 LAKE_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/6/2024 19:27	29401 BELT_T1	0	14	14	0	0.13	0.13	0	0	0	0	0	0	0	0
3/6/2024 19:29	29402 BELT_T1	1	1	0	6.6	7.4	0.8	0	0	0	0	0	0	0	0
3/6/2024 19:30	10805 CHHI_T2	10	13	3	1.64	1.89	0.25	0	0	0	0	0	0	0	0
3/6/2024 19:31	40302 TAMA_T3	9	9	0	0.43	0.47	0.04	0	0	0	0	0	0	0	0
3/6/2024 19:31	52503 PROG_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/6/2024 19:32	64902 MILL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/6/2024 19:33	27503 WEIS_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/6/2024 19:33	42901 MIDD_T2	45	36	-9	0.16	0.14	-0.02	0	0	0	0	0	0	0

3/6/2024 19:43	53901 HALI_T2	1	1	0	0.1	0.5	0.4	0	0	0	0	0	0	0	0
3/6/2024 19:43	56504 ROCK_T2	0	1	1	0	0.8	0.8	0	0	0	0	0	0	0	0
3/6/2024 19:43	58402 MORO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/6/2024 19:43	44601 SALE_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/6/2024 19:43	40101 HUNT_T2	0	2	2	0	0.2	0.2	0	0	0	0	0	0	0	0
3/6/2024 19:43	67503 WEWI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/6/2024 19:43	56504 ROCK_T2	0	1	1	0	0.8	0.8	0	0	0	0	0	0	0	0
3/6/2024 19:43	56802 BENV_T2	289	293	4	0.62	0.48	-0.14	0	0	0	0	0	0	0	0
3/6/2024 19:43	26001 WDAM_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/6/2024 19:44	67503 WEWI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/6/2024 19:44	54506 ENOL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/6/2024 19:44	42802 SELI_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/6/2024 19:44	54601 SUMM_T2	5	2	-3	0.24	0.35	0.11	0	0	0	0	0	0	0	0
3/6/2024 19:44	56802 BENV_T2	289	293	4	0.62	0.48	-0.14	0	0	0	0	0	0	0	0
3/6/2024 19:44	60303 TWVA_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/6/2024 19:44	41602 CLEV_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/6/2024 19:45	65502 MOJO_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/6/2024 19:45	54206 PENN_T2	0	4	4	0	0.15	0.15	0	0	0	0	0	0	0	0
3/6/2024 19:45	23901 EFMO_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/6/2024 19:45	57306 MOAL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/6/2024 19:45	45502 DERR_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/6/2024 19:45	55001 NEWP_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/6/2024 19:45	56504 ROCK_T2	1	1	0	0.8	0	-0.8	0	0	0	0	0	0	0	0
3/6/2024 19:45	40101 HUNT_T2	1	2	1	0.8	0.3	-0.5	0	0	0	0	0	0	0	0
3/6/2024 19:45	54601 SUMM_T2	2	4	2	0.3	0.28	-0.02	0	0	0	0	0	0	0	0
3/6/2024 19:45	56802 BENV_T2	266	313	47	0.45	0.59	0.14	0	0	0	0	0	0	0	0
3/6/2024 19:46	54502 ENOL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/6/2024 19:46	65001 NEFF_T2	1	2	1	0.1	0.1	0	0	0	0	0	0	0	0	0
3/6/2024 19:46	55001 NEWP_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/6/2024 19:46	56802 BENV_T2	266	313	47	0.45	0.59	0.14	0	0	0	0	0	0	0	0
3/6/2024 19:46	54506 ENOL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/6/2024 19:46	46101 MACI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/6/2024 19:46	10703 CATA_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/6/2024 19:47	43301 WATS_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/6/2024 19:47	20403 ASHF_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/6/2024 19:47	62602 ENGL_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/6/2024 19:47	52503 PROG_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/6/2024 19:47	29401 BELT_T1	14	6	-8	0.13	0.1	-0.03	0	0	0	0	0	0	0	0
3/6/2024 19:47	45402 WILO_T2	39	48	9	0.26	0.35	0.09	0	0	0	0	0	0	0	0
3/6/2024 19:47	45802 HEGI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/6/2024 19:47	55002 NEWP_T1	5	6	1	0.74	0.75	0.01	0	0	0	0	0	0	0	0
3/6/2024 19:47	10805 CHNI_T2	7	13	6	1.9	2.23	0.33	0	0	0	0	0	0	0	0
3/6/2024 19:48	10801 CHNI_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/6/2024 19:48	28601 BLYT_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/6/2024 19:48	56501 ROCK_T2	6	59	53	0.15	0.16	0.01	0	0	0	0	0	0	0	0
3/6/2024 19:48	50502 MECH_T1	1	1	0	2.4	2.5	0.1	0	0	0	0	0	0	0	0
3/6/2024 19:48	53501 EVIL_T2	1	7	6	0.2	0.3	0.1	0	0	0	0	0	0	0	0
3/6/2024 19:48	56803 BENV_T1	1	1	0	0.3	0.3	0	0	0	0	0	0	0	0	0
3/6/2024 19:48	45501 DERR_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/6/2024 19:48	67502 WEWI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/6/2024 19:48	60101 COCA_T1	0	1	1	0	0	0	0	0	0	0	0	0	0	0
3/6/2024 19:49	12704 MACU_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/6/2024 19:49	64201 KINZ_T1	5	7	2	0.42	0.54	0.12	0	0	0	0	0	0	0	0
3/6/2024 19:49	46004 BERW_T2	1	0	-1	4.7	0	-4.7	0	0	0	0	0	0	0	0
3/6/2024 19:49	43302 WATS_T2	4	4	0	0.75	0.85	0.1	0	0	0	0	0	0	0	0
3/6/2024 19:49	64201 KINZ_T1	5	7	2	0.42	0.54	0.12	0	0	0	0	0	0	0	0
3/6/2024 19:49	53502 EVIL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/6/2024 19:49	67502 WEWI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/6/2024 19:49	54001 SDLE_T1	3	3	0	0.5	0.63	0.13	0	0	0	0	0	0	0	0
3/6/2024 19:49	57403 SPAN_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/6/2024 19:49	56802 BENV_T2	266	313	47	0.45	0.59	0.14	0	0	0	0	0	0	0	0
3/6/2024 19:49	42701 AUGU_T1	1	1	0	0.3	0.3	0	0	0	0	0	0	0	0	0
3/6/2024 19:49	44601 SALE_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/6/2024 19:50	67503 WEWI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/6/2024 19:50	43202 MVIL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/6/2024 19:50	64301 LINC_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/6/2024 19:50	40101 HUNT_T2	1	2	1	0.8	0.3	-0.5	0	0	0	0	0	0	0	0
3/6/2024 19:50	41601 CLEV_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/6/2024 19:50	42201 SHEN_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/6/2024 19:50	45501 DERR_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/6/2024 19:51	66503 SMAN_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/6/2024 19:51	14802 TREI_T2	1	1	0	0.1	0.1	0	0	0	0	0	0	0	0	0
3/6/2024 19:51	46204 DANV_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/6/2024 19:51	42901 MIDD_T2	33	14	-19	0.14	0.14	0	0	0	0	0	0	0	0	0
3/6/2024 19:51	53901 HALI_T2	1	2	1	0.2	0.3	0.1	0	0	0	0	0	0	0	0
3/6/2024 19:51	54506 ENOL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/6/2024 19:51	56504 ROCK_T2	1	1	0	0.8	0	-0.8	0	0	0	0	0	0	0	0
3/6/2024 19:51	44301 BEAV_T2	1	0	-1	0.2	0	-0.2	0	0	0	0	0	0	0	0
3/6/2024 19:52	62601 ENGL_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/6/2024 19:52	54501 ENOL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/6/2024 19:52	46003 BERW_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/6/2024 19:52	56802 BENV_T2	266	313	47	0.45	0.59	0.14	0	0	0	0	0	0	0	0
3/6/2024 19:52	43303 WATS_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/6/2024 19:52	60504 NMAN_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/6/2024 19:52	17803 GILB_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/6/2024 19:52	40502 CRES_T2	17	17	0	0.38	0.22	-0.16	0	0	0	0	0	0	0	0
3/6/2024 19:52	15001 BLMO_T1	0	1	1	0	0	0	0	0	0	0	0	0	0	0
3/6/2024 19:53	43303 WATS_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/6/2024 19:53	67503 WEWI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/6/2024 19:53	50506 MECH_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/6/2024 19:53	14402 SSLA_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/6/2024 19:53	54204 PENN_T2	2	2	0	0.15	0.4	0.25	0	0	0	0	0	0	0	0
3/6/2024 19:53	59302 MCAL_T1	1	1	0	0.7	0.4	-0.3	0	0	0	0	0	0	0	0
3/6/2024 19:53	40501 CRES_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/6/2024 19:53	45402 WILO_T2	39	48	9	0.26	0.35	0.09	0	0	0	0	0	0	0	0
3/6/2024 19:53	43202 MVIL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/6/2024 19:53	40101 HUNT_T2	1	2	1	0.8	0.3	-0.5	0	0	0	0	0	0	0	0
3/6/2024 19:54	44301 BEAV_T2	1	0	-1	0.2	0	-0.2	0	0	0	0	0	0	0	0
3/6/2024 19:54	46702 RENO_T1	17	9	-8	0.16	0.13	-0.03	0	0	0	0	0	0	0	0
3/6/2024 19:54	53601 DALM_T2	1	1	0	0.5	0.4	-0.1	0	0	0	0	0	0	0	0
3/6/2024 19:54	47402 PENS_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/6/2024 19:54	62601 ENGL_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/6/2024 19:54	54506 ENOL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/6/2024 19:54	46204 DANV_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/6/2024 19:54	46803 HEPB_T2	1	1	0	0.2	0.3	0.1	0	0	0	0	0	0	0	0
3/6/2024 19:54	54601 SUMM_T2	2	4	2	0.3	0.28	-0.02	0	0	0	0	0	0	0	0
3/6/2024 19:54	56501 ROCK_T2	6	59	53	0.15	0.16	0.01	0	0	0	0	0	0	0	0
3/6/2024 19:54	43302 WATS_T2	4	4	0	0.75	0.85	0.1	0	0	0	0	0	0	0	0
3/6/2024 19:54	67604 WARW_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/6/2024 19:54	65503 MOJO_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/6/2024 19:54	42002 MNVL_T2	1	1	0	4.7	4.4	-0.3	0	0	0	0	0	0	0	0
3/6/2024 19:54	60803 BUCK_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/6/2024 19:54	43303 WATS_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/6/2024 19:54	67401 WAKE_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/6/2024 19:54	47002 HUGH_T2	1	1	0	0.3	0.2	-0.1	0	0	0	0	0	0	0	0
3/6/2024 19:54	43304 WATS_T2	1	1	0	0.1	0.1	0	0	0	0	0	0	0	0	0
3/6/2024 19:55	43202 MVIL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/6/2024 19:55	54504 ENOL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/6/2024 19:55	64802 MONE_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/6/2024 19:55	42802 SELI_T1	0	1	1	0	0.4	0.4	0	0	0	0	0	0	0	0
3/6/2024 19:55	15001 BLMO_T1	0	1	1	0	0	0	0	0	0	0	0	0	0	0
3/6/2024 19:55	56802 BENV_T2	266	313	47	0.45	0.59	0.14	0	0	0	0	0	0	0	0
3/6/2024 19:56	40603 PIGR_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/6/2024 19:56	62606 ENGL_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/6/2024 19:56	43201 MVIL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/6/2024 19:56	53903 HALI_T2	2	2	0	1.3	1.4	0.1	0	0	0	0	0	0	0	0
3/6/2024 19:56	55002 NEWP_T1	5	6	1	0.74	0.75	0.01	0	0	0	0	0	0	0	0
3/6/2024 19:56	60701 BREC_T1	0	66	66	0	0.12	0.12	0	0	0	0	0	0	0	0
3/6/2024 19:56	42701 AUGU_T1	1	1	0	0.3	0.3	0	0	0	0	0	0	0	0	0
3/6/2024 19:57	63201 MGTN_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/6/2024 19:57	46801 HEPB_T2	3	7	4	0.5	0.29	-0.21	0	0	0	0	0	0	0	0
3/6/2024 19:57	40603 PIGR_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/6/2024 19:57	59003 MIFF_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/6/2024 19:57	57403 SPAN_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/6/2024 19:57	43001 ALWD_T1	0	3	3	0	0.1	0.1	0	0	0	0	0	0	0	0
3/6/2024 19:58	59001 MIFF_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/6/2024 19:58	47001 HUGH_T2	0	1	1	0	0.2	0.2	0	0	0	0	0	0	0	0
3/6/2024 19:58	43001 ALWD_T1	0	3	3	0	0.1	0.1	0	0	0	0	0	0	0	0
3/6/2024 19:58	41901 REED_T1	11	11	0	0.49	0.69	0.2	0	0	0	0	0	0	0	0
3/6/2024 19:58	41802 GOCI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/6/2024 19:58	46701 RENO_T1	45	42	-3	0.35	0.34	-0.01	0	0	0	0	0	0	0	0
3/6/2024 19:58	58401 MORO_T1	0	1	1	0	0	0	0	0	0	0	0	0	0	0
3/6/2024 19:58	60201 ATGL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/6/2024 19:58	40101 HUNT_T2	1	2	1	0.8	0.3	-0.5	0	0	0	0	0	0	0	0
3/6/2024 19:58	42903 JESH_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/6/2024 19:58	54001 SDLE_T1	3	3	0	0.5	0.63	0.13	0	0	0	0	0	0	0	0
3/6/2024 19:59	43304 WATS_T2	1	1	0	0.1	0.1	0	0	0	0	0	0	0	0	0
3/6/2024 19:59	60201 ATGL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/6/2024 19:59	67203 TEHI_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/6/2024 19:59	65901 SAKR_T2	1	1	0	9.4	9.6	0.2	0	0	0	0	0	0	0	0
3/6/2024 19:59	46803 HEPB_T2	1	1	0	0.2	0.3	0.1	0	0	0	0	0	0	0	0
3/6/2024 19:59	60701 BREC_T1	0	66	66	0	0.12	0.12	0	0	0	0	0	0	0	0
3/6/2024 19:59	46202 DANV_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/6/2024 19:59	67402 WAKE_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/6/2024 19:59	56801 BENV_T1	23	20	-3	0.47	0.68	0.21	0	0	0	0	0	0	0	0
3/6/2024 19:59	67201 TEHI_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/6/2024 20:00	42001 MNVL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/6/2024 20:00	60102 COCA_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/6/2024 20:00	46801 HEPB_T2	4	8	4	0.43	0.3	-0.13	0	0	0	0	0	0	0	0
3/6/2024 20:00	44302 BEAV_T2	21	49	28	0.16	0.2	0.04	0	0	0	0	0	0	0	0
3/6/2024 20:00	42701 AUGU_T1	1	0	-1	0.3	0	-0.3	0	0	0	0	0	0	0	0
3/6/2024 20:01	44301 BEAV_T2	0	1	1	0	0.3	0.3	0	0	0	0	0	0	0	0
3/6/2024 20:03	65001 NEFF_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/6/2024 20:05	66703 STRA_T1	0	2	2	0	0.3	0.3	0	0	0	0	0	0	0	0
3/6/2024 20:27	57304 MOAL_T2	2	1	-1	0.25	0.4	0.15	0	0	0	0	0	0	0	0
3/6/2024 20:33	44505 HAMI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/6/2024 20:55	65005 NEFF_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/6/2024 21:04	56503 ROCK_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/6/2024 21:11	65001 NEFF_T2	118	222	104	0.15	0.23	0.08	0	0	0	0	0	0	0	0
3/6/2024 21:21	54504 ENOL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/6/2024 22:24	65004 NEFF_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/6/2024 23:06	65005 NEFF_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/6/2024 23:48	65002 NEFF_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/6/2024 23:57	64801 MONE_T2	2	2	0	0.45	0.6	0.15	0	0	0	0	0	0	0	0
3/7/2024 0:15	65002 NEFF_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/7/2024 0:51	65003 NEFF_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/7/2024 1:18	65002 NEFF_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/7/2024 1:50	65003 NEFF_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/7/2024 2:26	65002 NEFF_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/7/2024 2:31	65003 NEFF_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/7/2024 2:58	65001 NEFF_T2	2	5	3	0.1	0.16	0.06	0	0	0	0	0	0	0	0
3/7/2024 3:24	65003 NEFF_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/7/2024 3:45	65005 NEFF_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/7/2024 4:27	65004 NEFF_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/7/2024 6:22	65001 NEFF_T2	0	0	0	0	0	0	0	0	0	0	0

3/7/2024 9:00	46003 BERW_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/7/2024 9:00	59102 WALK_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/7/2024 9:00	27502 WEIS_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/7/2024 9:00	40503 CRES_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/7/2024 9:00	47104 MARL_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/7/2024 9:00	47104 MARL_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/7/2024 9:00	16101 BING_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/7/2024 9:00	54603 SUMM_T2	2	1	-1	0.1	0.1	0	0	0	0	0	0	0	0	0
3/7/2024 9:00	40601 PIGR_T1	48	111	63	0.16	0.2	0.04	0	0	0	0	0	0	0	0
3/7/2024 9:00	58401 MORO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/7/2024 9:00	60701 BREC_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/7/2024 9:00	40501 CRES_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/7/2024 9:00	41802 GOCI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/7/2024 9:00	40101 HUNT_T2	0	1	1	0	0	0	0	0	0	0	0	0	0	0
3/7/2024 9:01	67203 TEHI_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/7/2024 9:01	28803 LAKE_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/7/2024 9:02	42002 MNVL_T2	1	1	0	6	5.6	-0.4	0	0	0	0	0	0	0	0
3/7/2024 9:05	14402 SSLA_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/7/2024 9:06	29401 BELT_T1	93	84	-9	0.33	0.29	-0.04	0	0	0	0	0	0	0	0
3/7/2024 9:06	56504 ROCK_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/7/2024 9:07	41903 REED_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/7/2024 9:07	10801 CHHI_T1	0	5	5	0	0.38	0.38	0	0	0	0	0	0	0	0
3/7/2024 9:07	67401 WAKE_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/7/2024 9:07	47101 MARL_T1	0	1	1	0	0.1	0.1	0	0	0	0	0	0	0	0
3/7/2024 9:07	14402 SSLA_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/7/2024 9:07	56802 BENV_T2	140	181	41	0.24	0.3	0.06	0	0	0	0	0	0	0	0
3/7/2024 9:08	53502 EVIL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/7/2024 9:08	56802 BENV_T2	140	181	41	0.24	0.3	0.06	0	0	0	0	0	0	0	0
3/7/2024 9:09	42901 MIDD_T2	0	1	1	0	0.2	0.2	0	0	0	0	0	0	0	0
3/7/2024 9:10	29402 BELT_T1	1	1	0	8.5	8.4	-0.1	0	0	0	0	0	0	0	0
3/7/2024 9:10	62606 ENGL_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/7/2024 9:10	56802 BENV_T2	140	181	41	0.24	0.3	0.06	0	0	0	0	0	0	0	0
3/7/2024 9:11	29401 BELT_T1	93	84	-9	0.33	0.29	-0.04	0	0	0	0	0	0	0	0
3/7/2024 9:11	56802 BENV_T2	140	181	41	0.24	0.3	0.06	0	0	0	0	0	0	0	0
3/7/2024 9:12	29402 BELT_T1	1	1	0	8.5	8.4	-0.1	0	0	0	0	0	0	0	0
3/7/2024 9:16	59002 MIFF_T1	4	12	8	0.2	0.18	-0.02	0	0	0	0	0	0	0	0
3/7/2024 9:16	55001 NEWP_T1	0	2	2	0	0.55	0.55	0	0	0	0	0	0	0	0
3/7/2024 9:19	55001 NEWP_T1	0	2	2	0	0.55	0.55	0	0	0	0	0	0	0	0
3/7/2024 9:23	56802 BENV_T2	88	221	133	0.18	0.33	0.15	0	0	0	0	0	0	0	0
3/7/2024 9:25	43302 WATS_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/7/2024 9:27	41802 GOCI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/7/2024 9:27	28604 BLYT_T2	1	1	0	0	0	0	0	0	0	0	0	0	0	0
3/7/2024 9:27	43301 WATS_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/7/2024 9:28	43302 WATS_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/7/2024 9:30	64703 LITI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/7/2024 9:32	43202 MVIL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/7/2024 9:34	47403 PENS_T1	3	0	-3	0.17	0	-0.17	0	0	0	0	0	0	0	0
3/7/2024 9:35	54202 PENN_T2	1	8	7	0.1	0.13	0.03	0	0	0	0	0	0	0	0
3/7/2024 9:35	43201 MVIL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/7/2024 9:37	29401 BELT_T1	63	63	0	0.26	0.23	-0.03	0	0	0	0	0	0	0	0
3/7/2024 9:39	29402 BELT_T1	1	1	0	8.3	8.5	0.2	0	0	0	0	0	0	0	0
3/7/2024 9:43	64703 LITI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/7/2024 9:45	54504 ENOL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/7/2024 9:45	64801 MONE_T2	50	87	37	0.33	0.39	0.06	0	0	0	0	0	0	0	0
3/7/2024 9:48	41902 REED_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/7/2024 9:48	46302 ROHR_T1	4	4	0	1.1	1.05	-0.05	0	0	0	0	0	0	0	0
3/7/2024 9:49	56503 ROCK_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/7/2024 9:50	56504 ROCK_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/7/2024 9:53	20402 ASHF_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/7/2024 9:53	14401 SSLA_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/7/2024 9:53	46301 ROHR_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/7/2024 9:53	60801 BUCK_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/7/2024 9:55	20403 ASHF_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/7/2024 9:55	26002 WDAM_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/7/2024 9:56	43001 ALWD_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/7/2024 9:59	10801 CHHI_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/7/2024 10:00	54505 ENOL_T2	2	2	0	0.75	0.95	0.2	0	0	0	0	0	0	0	0
3/7/2024 10:00	54505 ENOL_T2	2	2	0	0.75	0.95	0.2	0	0	0	0	0	0	0	0
3/7/2024 10:00	57303 MOAL_T2	1	1	0	6.8	6.9	0.1	0	0	0	0	0	0	0	0
3/7/2024 10:00	54501 ENOL_T2	1	1	0	0.1	0.1	0	0	0	0	0	0	0	0	0
3/7/2024 10:01	54503 ENOL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/7/2024 10:01	64801 MONE_T2	73	125	52	0.38	0.35	-0.03	0	0	0	0	0	0	0	0
3/7/2024 10:01	54505 ENOL_T2	2	2	0	0.75	0.95	0.2	0	0	0	0	0	0	0	0
3/7/2024 10:02	54504 ENOL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/7/2024 10:03	54502 ENOL_T2	10	24	14	0.18	0.28	0.1	0	0	0	0	0	0	0	0
3/7/2024 10:03	54503 ENOL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/7/2024 10:04	54502 ENOL_T2	10	24	14	0.18	0.28	0.1	0	0	0	0	0	0	0	0
3/7/2024 10:04	54502 ENOL_T2	10	24	14	0.18	0.28	0.1	0	0	0	0	0	0	0	0
3/7/2024 10:04	54504 ENOL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/7/2024 10:04	57302 MOAL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/7/2024 10:04	14403 SSLA_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/7/2024 10:04	58402 MORO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/7/2024 10:04	54502 ENOL_T2	10	24	14	0.18	0.28	0.1	0	0	0	0	0	0	0	0
3/7/2024 10:04	46302 ROHR_T1	4	4	0	1	1.1	0.1	0	0	0	0	0	0	0	0
3/7/2024 10:04	40603 PIGR_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/7/2024 10:05	46302 ROHR_T1	4	4	0	1	1.1	0.1	0	0	0	0	0	0	0	0
3/7/2024 10:06	43202 MVIL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/7/2024 10:06	54506 ENOL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/7/2024 10:07	56802 BENV_T2	327	381	54	0.32	0.32	0	0	0	0	0	0	0	0	0
3/7/2024 10:08	20401 ASHF_T2	2	0	-2	0.1	0	-0.1	0	0	0	0	0	0	0	0
3/7/2024 10:08	56802 BENV_T2	327	381	54	0.32	0.32	0	0	0	0	0	0	0	0	0
3/7/2024 10:09	67203 TEHI_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/7/2024 10:09	15001 BLMO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/7/2024 10:09	43301 WATS_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/7/2024 10:10	56802 BENV_T2	327	381	54	0.32	0.32	0	0	0	0	0	0	0	0	0
3/7/2024 10:10	53502 EVIL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/7/2024 10:10	45501 DERR_T2	0	1	1	0	0.1	0.1	0	0	0	0	0	0	0	0
3/7/2024 10:11	53502 EVIL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/7/2024 10:11	15001 BLMO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/7/2024 10:11	67503 WEWI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/7/2024 10:12	53902 HALI_T2	1	2	1	6.2	3.2	-3	0	0	0	0	0	0	0	0
3/7/2024 10:13	54503 ENOL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/7/2024 10:13	23902 EFMO_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/7/2024 10:14	54502 ENOL_T2	10	24	14	0.18	0.28	0.1	0	0	0	0	0	0	0	0
3/7/2024 10:14	54502 ENOL_T2	10	24	14	0.18	0.28	0.1	0	0	0	0	0	0	0	0
3/7/2024 10:15	54504 ENOL_T2	0	1	1	0	0.5	0.5	0	0	0	0	0	0	0	0
3/7/2024 10:15	12701 MACU_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/7/2024 10:16	54501 ENOL_T2	0	1	1	0	0.1	0.1	0	0	0	0	0	0	0	0
3/7/2024 10:16	54502 ENOL_T2	14	27	13	0.16	0.26	0.1	0	0	0	0	0	0	0	0
3/7/2024 10:16	53902 HALI_T2	1	2	1	6.2	3.25	-2.95	0	0	0	0	0	0	0	0
3/7/2024 10:17	54501 ENOL_T2	0	1	1	0	0.1	0.1	0	0	0	0	0	0	0	0
3/7/2024 10:17	40602 PIGR_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/7/2024 10:17	54204 PENN_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/7/2024 10:18	65002 NEFF_T2	0	3	3	0	0.23	0.23	0	0	0	0	0	0	0	0
3/7/2024 10:18	54502 ENOL_T2	14	27	13	0.16	0.26	0.1	0	0	0	0	0	0	0	0
3/7/2024 10:18	58401 MORO_T1	0	1	1	0	0.3	0.3	0	0	0	0	0	0	0	0
3/7/2024 10:18	40602 PIGR_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/7/2024 10:18	57401 SPAN_T1	34	98	64	0.46	0.3	-0.16	0	0	0	0	0	0	0	0
3/7/2024 10:18	52502 PROG_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/7/2024 10:19	65004 NEFF_T2	3	4	1	0.27	0.3	0.03	0	0	0	0	0	0	0	0
3/7/2024 10:19	54502 ENOL_T2	14	27	13	0.16	0.26	0.1	0	0	0	0	0	0	0	0
3/7/2024 10:19	58401 MORO_T1	0	1	1	0	0.3	0.3	0	0	0	0	0	0	0	0
3/7/2024 10:20	14401 SSLA_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/7/2024 10:20	67604 WARW_T1	0	2	2	0	0.1	0.1	0	0	0	0	0	0	0	0
3/7/2024 10:21	67401 WAKE_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/7/2024 10:21	67503 WEWI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/7/2024 10:21	42201 SHEN_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/7/2024 10:21	57403 SPAN_T1	26	153	127	0.25	0.28	0.03	0	0	0	0	0	0	0	0
3/7/2024 10:23	56803 BENV_T1	2	4	2	0.35	0.2	-0.15	0	0	0	0	0	0	0	0
3/7/2024 10:24	67503 WEWI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/7/2024 10:24	42701 AUGU_T1	1	1	0	0.6	1.1	0.5	0	0	0	0	0	0	0	0
3/7/2024 10:25	56801 BENV_T1	38	53	15	0.73	0.71	-0.02	0	0	0	0	0	0	0	0
3/7/2024 10:25	43303 WATS_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/7/2024 10:25	53901 HALI_T2	15	18	3	0.25	0.37	0.12	0	0	0	0	0	0	0	0
3/7/2024 10:29	54506 ENOL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/7/2024 10:30	54503 ENOL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/7/2024 10:30	54503 ENOL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/7/2024 10:30	47001 HUGH_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/7/2024 10:30	40101 HUNT_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/7/2024 10:31	47002 HUGH_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/7/2024 10:31	54501 ENOL_T2	1	1	0	0.1	0.1	0	0	0	0	0	0	0	0	0
3/7/2024 10:31	54501 ENOL_T2	1	1	0	0.1	0.1	0	0	0	0	0	0	0	0	0
3/7/2024 10:32	54502 ENOL_T2	24	23	-1	0.28	0.29	0.01	0	0	0	0	0	0	0	0
3/7/2024 10:32	40101 HUNT_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/7/2024 10:33	54501 ENOL_T2	1	1	0	0.1	0.1	0	0	0	0	0	0	0	0	0
3/7/2024 10:33	54506 ENOL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/7/2024 10:33	54502 ENOL_T2	24	23	-1	0.28	0.29	0.01	0	0	0	0	0	0	0	0
3/7/2024 10:34	57401 SPAN_T1	64	169	105	0.34	0.32	-0.02	0	0	0	0	0	0	0	0
3/7/2024 10:34	57403 SPAN_T1	33	175	142	0.3	0.28	-0.02	0	0	0	0	0	0	0	0
3/7/2024 10:34	56504 ROCK_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/7/2024 10:35	56504 ROCK_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/7/2024 10:35	54504 ENOL_T2	0	1	1	0	0.5	0.5	0	0	0	0	0	0	0	0
3/7/2024 10:35	14402 SSLA_T1	0	1	1	0	0.2	0.2	0	0	0	0	0	0	0	0
3/7/2024 10:35	57401 SPAN_T1	64	169	105	0.34	0.32	-0.02	0	0	0	0	0	0	0	0
3/7/2024 10:36	56504 ROCK_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/7/2024 10:36	57403 SPAN_T1	33	175	142	0.3	0.28	-0.02	0	0	0	0	0	0	0	0
3/7/2024 10:36	56503 ROCK_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/7/2024 10:37	42203 SHEN_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/7/2024 10:37	54505 ENOL_T2	2	3	1	0.95	0.8	-0.15	0	0	0	0	0	0	0	0
3/7/2024 10:37	17804 GULB_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/7/2024 10:38	57401 SPAN_T1	64	169	105	0.34	0.32	-0.02	0	0	0	0	0	0	0	0
3/7/2024 10:39	12701 MACU_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/7/2024 10:41	46203 DANV_T2	85	171	86	0.3	0.6	0.3	0	0	0	0	0	0	0	0
3/7/2024 10:41	12704 MACU_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/7/2024 10:44	40101 HUNT_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/7/2024 10:45	56802 BENV_T2	393	525	132	0.42	0.3	-0.12	0	0	0	0	0	0	0	0
3/7/2024 10:45	40101 HUNT_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/7/2024 10:46	58402 MORO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/7/2024 10:47	42902 MIDD_T2	3	38	35	0.17	0.28	0.11	0	0	0	0	0	0	0	0
3/7/2024 10:47	64201 KINZ_T1	0	2	2	0	0.1	0.1	0	0	0	0	0	0	0	0
3/7/2024 10:47	46803 HEPB_T2	2	3	1	0.6	0.67	0.07	0	0	0	0	0	0	0	0
3/7/2024 10:47	67604 WARW_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/7/2024 10:47	54504 ENOL_T2	1	2	1	0.5	0.5	0	0	0	0	0	0	0	0	0
3/7/2024 10:48	54505 ENOL_T2	3	2	-1	0.77	1.4	0.63	0	0	0	0	0	0	0	0
3/7/2024 10:49	65003 NEFF_T2	46	10	-36	0.17	0.36	0.19	0	0	0	0	0	0	0	0
3/7/2024 10:49	58402 MORO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/7/2024 10:49	54204 PENN_T2	0	1	1	0	0.1	0.1	0	0	0	0	0	0	0	0
3/7/2024 10:49	42701 AUGU_T1	1	1	0	1.1	1.1	0	0	0	0	0	0	0	0	0
3/7/2024 10:51	54206 PENN_T2	12	111	99	0.24	0.17	-0.07	0	0	0	0	0	0	0	0
3/7/2024 10:52	29401 BELT_T1	58	57	-1	0.2	0.19	-0.01	0	0	0	0	0	0	0	0
3/7/2024 10:52	60801 BUCK_T1	0	2	2	0	0.3	0.3	0	0	0	0	0	0	0	0
3/7/2024 10:53	29402 BELT_T1	1	1	0	8.2	8.3	0.1	0	0	0	0	0	0	0	0
3/7/2024 10:54	51603 DUKE_T1	3	6	3	0.77	0.63	-0.14	0	0	0	0	0	0	0	0
3/7/2024 10:54	44301 BEAV_T2	1	2	1	1.1	0.4	-0.7	0	0	0	0	0	0	0	0
3/7/2024 10:55

3/7/2024 11:05	54202 PENN_T2	163	204	41	0.16	0.2	0.04	0	0	0	0	0	0	0	0
3/7/2024 11:05	57401 SPAN_T1	165	92	-73	0.32	0.31	-0.01	0	0	0	0	0	0	0	0
3/7/2024 11:05	54202 PENN_T2	163	204	41	0.16	0.2	0.04	0	0	0	0	0	0	0	0
3/7/2024 11:06	54506 ENOL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/7/2024 11:06	57401 SPAN_T1	165	92	-73	0.32	0.31	-0.01	0	0	0	0	0	0	0	0
3/7/2024 11:06	27503 WEIS_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/7/2024 11:06	57403 SPAN_T1	147	117	-30	0.29	0.27	-0.02	0	0	0	0	0	0	0	0
3/7/2024 11:07	57401 SPAN_T1	165	92	-73	0.32	0.31	-0.01	0	0	0	0	0	0	0	0
3/7/2024 11:07	42701 AUGU_T1	1	2	1	1.1	0.65	-0.45	0	0	0	0	0	0	0	0
3/7/2024 11:08	66701 STRA_T1	1	1	0	2.1	1.2	-0.9	0	0	0	0	0	0	0	0
3/7/2024 11:08	27502 WEIS_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/7/2024 11:09	41602 CLEV_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/7/2024 11:09	10805 CHNI_T2	8	7	-1	2.24	8.1	5.86	0	0	0	0	0	0	0	0
3/7/2024 11:10	62607 ENGL_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/7/2024 11:10	61703 ELIZ_T1	2	5	3	0.2	0.24	0.04	0	0	0	0	0	0	0	0
3/7/2024 11:10	41602 CLEV_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/7/2024 11:10	42701 AUGU_T1	1	2	1	1.1	0.65	-0.45	0	0	0	0	0	0	0	0
3/7/2024 11:11	62604 ENGL_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/7/2024 11:11	45802 HEGI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/7/2024 11:12	61701 ELIZ_T1	1	2	1	4.8	3.35	-1.45	0	0	0	0	0	0	0	0
3/7/2024 11:12	10805 CHNI_T2	8	7	-1	2.24	8.1	5.86	0	0	0	0	0	0	0	0
3/7/2024 11:13	62601 ENGL_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/7/2024 11:13	61701 ELIZ_T1	1	2	1	4.8	3.35	-1.45	0	0	0	0	0	0	0	0
3/7/2024 11:13	64301 LINC_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/7/2024 11:13	10805 CHNI_T2	8	7	-1	2.24	8.1	5.86	0	0	0	0	0	0	0	0
3/7/2024 11:13	41802 GOCI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/7/2024 11:14	62601 ENGL_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/7/2024 11:14	61703 ELIZ_T1	2	5	3	0.2	0.24	0.04	0	0	0	0	0	0	0	0
3/7/2024 11:15	62606 ENGL_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/7/2024 11:17	52004 LING_T2	9	10	1	0.58	0.68	0.1	0	0	0	0	0	0	0	0
3/7/2024 11:17	55105 WERT_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/7/2024 11:17	47802 MOCA_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/7/2024 11:17	59301 MCAL_T1	8	7	-1	0.58	0.83	0.25	0	0	0	0	0	0	0	0
3/7/2024 11:17	64301 LINC_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/7/2024 11:17	59301 MCAL_T1	8	7	-1	0.58	0.83	0.25	0	0	0	0	0	0	0	0
3/7/2024 11:17	42901 MIDD_T2	1	2	1	0.2	0.25	0.05	0	0	0	0	0	0	0	0
3/7/2024 11:17	50501 MECH_T1	4	4	0	0.85	0.9	0.05	0	0	0	0	0	0	0	0
3/7/2024 11:19	54001 SDLE_T1	6	11	5	0.55	0.89	0.34	0	0	0	0	0	0	0	0
3/7/2024 11:20	40901 JESH_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/7/2024 11:20	57403 SPAN_T1	104	185	81	0.24	0.29	0.05	0	0	0	0	0	0	0	0
3/7/2024 11:20	58402 MORO_T1	0	1	1	0	0.1	0.1	0	0	0	0	0	0	0	0
3/7/2024 11:21	14402 SSLA_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/7/2024 11:21	64101 REFR_T1	2	2	0	0.3	0.3	0	0	0	0	0	0	0	0	0
3/7/2024 11:21	66503 SMAN_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/7/2024 11:21	54001 SDLE_T1	6	11	5	0.55	0.89	0.34	0	0	0	0	0	0	0	0
3/7/2024 11:22	56504 ROCK_T2	0	1	1	0	0.3	0.3	0	0	0	0	0	0	0	0
3/7/2024 11:23	66701 STRA_T1	1	1	0	1.2	0.6	-0.6	0	0	0	0	0	0	0	0
3/7/2024 11:23	14402 SSLA_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/7/2024 11:23	56503 ROCK_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/7/2024 11:24	46003 BERW_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/7/2024 11:27	46204 DANV_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/7/2024 11:28	46202 DANV_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/7/2024 11:28	46803 HEPB_T2	1	4	3	0.1	0.3	0.2	0	0	0	0	0	0	0	0
3/7/2024 11:30	54503 ENOL_T2	1	3	2	0.2	0.3	0.1	0	0	0	0	0	0	0	0
3/7/2024 11:30	40901 JESH_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/7/2024 11:30	54505 ENOL_T2	4	6	2	0.88	0.72	-0.16	0	0	0	0	0	0	0	0
3/7/2024 11:31	65002 NEFF_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/7/2024 11:31	54505 ENOL_T2	4	6	2	0.88	0.72	-0.16	0	0	0	0	0	0	0	0
3/7/2024 11:32	60502 NMAN_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/7/2024 11:32	54502 ENOL_T2	23	27	4	0.17	0.22	0.05	0	0	0	0	0	0	0	0
3/7/2024 11:32	58401 MORO_T1	0	1	1	0	0.2	0.2	0	0	0	0	0	0	0	0
3/7/2024 11:33	58402 MORO_T1	0	1	1	0	0.1	0.1	0	0	0	0	0	0	0	0
3/7/2024 11:33	54506 ENOL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/7/2024 11:33	47401 PENS_T1	5	22	17	1.1	0.42	-0.68	0	0	0	0	0	0	0	0
3/7/2024 11:34	58401 MORO_T1	0	1	1	0	0.2	0.2	0	0	0	0	0	0	0	0
3/7/2024 11:34	54504 ENOL_T2	3	3	0	0.47	0.8	0.33	0	0	0	0	0	0	0	0
3/7/2024 11:34	56503 ROCK_T2	0	1	1	0	0.1	0.1	0	0	0	0	0	0	0	0
3/7/2024 11:34	54203 PENN_T1	288	295	7	0.31	0.29	-0.02	0	0	0	0	0	0	0	0
3/7/2024 11:34	66701 STRA_T1	1	1	0	0.4	0.6	0.2	0	0	0	0	0	0	0	0
3/7/2024 11:34	52503 PROG_T2	1	1	0	0.2	0.1	-0.1	0	0	0	0	0	0	0	0
3/7/2024 11:34	54001 SDLE_T1	11	12	1	0.63	0.87	0.24	0	0	0	0	0	0	0	0
3/7/2024 11:34	47401 PENS_T1	5	22	17	1.1	0.42	-0.68	0	0	0	0	0	0	0	0
3/7/2024 11:35	54505 ENOL_T2	4	6	2	0.88	0.72	-0.16	0	0	0	0	0	0	0	0
3/7/2024 11:35	17805 GILB_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/7/2024 11:35	54503 ENOL_T2	1	3	2	0.2	0.3	0.1	0	0	0	0	0	0	0	0
3/7/2024 11:35	56504 ROCK_T2	0	4	4	0	0.35	0.35	0	0	0	0	0	0	0	0
3/7/2024 11:36	47403 PENS_T1	3	5	2	0.83	0.8	-0.03	0	0	0	0	0	0	0	0
3/7/2024 11:36	58401 MORO_T1	0	1	1	0	0.2	0.2	0	0	0	0	0	0	0	0
3/7/2024 11:36	56503 ROCK_T2	0	1	1	0	0.1	0.1	0	0	0	0	0	0	0	0
3/7/2024 11:37	54001 SDLE_T1	11	12	1	0.63	0.87	0.24	0	0	0	0	0	0	0	0
3/7/2024 11:38	56504 ROCK_T2	0	4	4	0	0.35	0.35	0	0	0	0	0	0	0	0
3/7/2024 11:38	60801 BUCK_T1	0	1	1	0	0.2	0.2	0	0	0	0	0	0	0	0
3/7/2024 11:38	52502 PROG_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/7/2024 11:39	43201 MVIL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/7/2024 11:39	43301 WATS_T2	4	7	3	0.25	0.46	0.21	0	0	0	0	0	0	0	0
3/7/2024 11:39	60803 BUCK_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/7/2024 11:40	43302 WATS_T2	0	1	1	0	0.4	0.4	0	0	0	0	0	0	0	0
3/7/2024 11:41	51601 DUKE_T1	9	4	-5	0.26	0.4	0.14	0	0	0	0	0	0	0	0
3/7/2024 11:41	43202 MVIL_T2	2	0	-2	0.25	0	-0.25	0	0	0	0	0	0	0	0
3/7/2024 11:41	43202 MVIL_T2	2	0	-2	0.25	0	-0.25	0	0	0	0	0	0	0	0
3/7/2024 11:41	61703 ELIZ_T1	5	9	4	0.22	0.33	0.11	0	0	0	0	0	0	0	0
3/7/2024 11:41	43303 WATS_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/7/2024 11:41	43001 ALWD_T1	0	4	4	0	0.18	0.18	0	0	0	0	0	0	0	0
3/7/2024 11:42	43001 ALWD_T1	0	4	4	0	0.18	0.18	0	0	0	0	0	0	0	0
3/7/2024 11:42	51603 DUKE_T1	6	3	-3	0.68	0.73	0.05	0	0	0	0	0	0	0	0
3/7/2024 11:43	47001 HUGH_T2	1	1	0	0.3	0.2	-0.1	0	0	0	0	0	0	0	0
3/7/2024 11:43	54505 ENOL_T2	4	6	2	0.88	0.72	-0.16	0	0	0	0	0	0	0	0
3/7/2024 11:44	61701 ELIZ_T1	2	2	0	0.35	3.35	0	0	0	0	0	0	0	0	0
3/7/2024 11:44	43304 WATS_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/7/2024 11:44	51603 DUKE_T1	6	3	-3	0.68	0.73	0.05	0	0	0	0	0	0	0	0
3/7/2024 11:44	47001 HUGH_T2	1	1	0	0.3	0.2	-0.1	0	0	0	0	0	0	0	0
3/7/2024 11:47	58402 MORO_T1	1	0	-1	0.1	0	-0.1	0	0	0	0	0	0	0	0
3/7/2024 11:47	58402 MORO_T1	1	0	-1	0.1	0	-0.1	0	0	0	0	0	0	0	0
3/7/2024 11:48	58401 MORO_T1	1	3	2	0.2	0.23	0.03	0	0	0	0	0	0	0	0
3/7/2024 11:48	60502 NMAN_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/7/2024 11:48	58402 MORO_T1	1	0	-1	0.1	0	-0.1	0	0	0	0	0	0	0	0
3/7/2024 11:49	47402 PENS_T1	0	2	2	0	0.4	0.4	0	0	0	0	0	0	0	0
3/7/2024 11:49	58402 MORO_T1	1	0	-1	0.1	0	-0.1	0	0	0	0	0	0	0	0
3/7/2024 11:49	56504 ROCK_T2	1	6	5	0.3	0.33	0.03	0	0	0	0	0	0	0	0
3/7/2024 11:49	42802 SELI_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/7/2024 11:50	56503 ROCK_T2	0	1	1	0	0.1	0.1	0	0	0	0	0	0	0	0
3/7/2024 11:50	42801 SELI_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/7/2024 11:50	58401 MORO_T1	1	3	2	0.2	0.23	0.03	0	0	0	0	0	0	0	0
3/7/2024 11:50	46702 RENO_T1	32	152	120	0.19	0.25	0.06	0	0	0	0	0	0	0	0
3/7/2024 11:50	42203 SHEN_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/7/2024 11:50	17804 GILB_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/7/2024 11:50	47402 PENS_T1	0	2	2	0	0.4	0.4	0	0	0	0	0	0	0	0
3/7/2024 11:51	56503 ROCK_T2	0	1	1	0	0.1	0.1	0	0	0	0	0	0	0	0
3/7/2024 11:51	47401 PENS_T1	18	26	8	0.41	0.4	-0.01	0	0	0	0	0	0	0	0
3/7/2024 11:52	56501 ROCK_T2	7	11	4	0.26	0.32	0.06	0	0	0	0	0	0	0	0
3/7/2024 11:52	43001 ALWD_T1	1	4	3	0.2	1	0.8	0	0	0	0	0	0	0	0
3/7/2024 11:53	56503 ROCK_T2	0	1	1	0	0.1	0.1	0	0	0	0	0	0	0	0
3/7/2024 11:53	43001 ALWD_T1	1	4	3	0.2	1	0.8	0	0	0	0	0	0	0	0
3/7/2024 11:54	51603 DUKE_T1	3	2	-1	0.73	1	0.27	0	0	0	0	0	0	0	0
3/7/2024 11:54	58003 WCAR_T1	1	1	0	0.6	0.8	0.2	0	0	0	0	0	0	0	0
3/7/2024 11:55	58001 WCAR_T1	4	4	0	0.5	0.65	0.15	0	0	0	0	0	0	0	0
3/7/2024 11:55	67401 WAKE_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/7/2024 11:55	56504 ROCK_T2	1	6	5	0.3	0.33	0.03	0	0	0	0	0	0	0	0
3/7/2024 11:55	45502 DERR_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/7/2024 11:56	61703 ELIZ_T1	8	6	-2	0.25	0.45	0.2	0	0	0	0	0	0	0	0
3/7/2024 11:57	61703 ELIZ_T1	8	6	-2	0.25	0.45	0.2	0	0	0	0	0	0	0	0
3/7/2024 11:57	45502 DERR_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/7/2024 11:57	51603 DUKE_T1	3	2	-1	0.73	1	0.27	0	0	0	0	0	0	0	0
3/7/2024 11:58	51601 DUKE_T1	2	4	2	0.55	0.4	-0.15	0	0	0	0	0	0	0	0
3/7/2024 12:00	61701 ELIZ_T1	2	1	-1	3	5.1	2.1	0	0	0	0	0	0	0	0
3/7/2024 12:04	60504 NMAN_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/7/2024 12:06	17803 GILB_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/7/2024 12:06	67402 WAKE_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/7/2024 12:06	42203 SHEN_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/7/2024 12:07	43001 ALWD_T1	3	5	2	0.17	1.22	1.05	0	0	0	0	0	0	0	0
3/7/2024 12:08	43001 ALWD_T1	3	5	2	0.17	1.22	1.05	0	0	0	0	0	0	0	0
3/7/2024 12:08	26001 WDAM_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/7/2024 12:10	43304 WATS_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/7/2024 12:10	61701 ELIZ_T1	2	1	-1	3	5.1	2.1	0	0	0	0	0	0	0	0
3/7/2024 12:10	51601 DUKE_T1	4	1	-3	0.4	0.2	-0.2	0	0	0	0	0	0	0	0
3/7/2024 12:11	43304 WATS_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/7/2024 12:12	43303 WATS_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/7/2024 12:12	51603 DUKE_T1	2	2	0	0.9	1	0.1	0	0	0	0	0	0	0	0
3/7/2024 12:13	61701 ELIZ_T1	2	1	-1	3	5.1	2.1	0	0	0	0	0	0	0	0
3/7/2024 12:13	51603 DUKE_T1	2	2	0	0.9	1	0.1	0	0	0	0	0	0	0	0
3/7/2024 12:14	51603 DUKE_T1	2	2	0	0.9	1	0.1	0	0	0	0	0	0	0	0
3/7/2024 12:14	59301 MCAL_T1	9	8	-1	0.69	0.7	0.01	0	0	0	0	0	0	0	0
3/7/2024 12:14	59302 MCAL_T1	4	3	-1	0.45	0.4	-0.05	0	0	0	0	0	0	0	0
3/7/2024 12:15	50505 MECH_T1	1	1	0	0.4	0.1	-0.3	0	0	0	0	0	0	0	0
3/7/2024 12:18	50504 MECH_T1	1	3	2	0.2	0.13	-0.07	0	0	0	0	0	0	0	0
3/7/2024 12:18	43202 MVIL_T2	1	1	0	0.3	0.9	0.6	0	0	0	0	0	0	0	0
3/7/2024 12:20	14403 SSLA_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/7/2024 12:21	14403 SSLA_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/7/2024 12:22	43202 MVIL_T2	1	1	0	0.3	0.9	0.6	0	0	0	0	0	0	0	0
3/7/2024 12:24	14404 SSLA_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/7/2024 12:24	53602 DALM_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/7/2024 12:25	45502 DERR_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/7/2024 12:25	65001 NEFF_T2	34	57	23	0.11	0.12	0.01	0	0	0	0	0	0	0	0
3/7/2024 12:26	43201 MVIL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/7/2024 12:33	40901 JESH_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/7/2024 12:41	60801 BUCK_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/7/2024 12:42	60803 BUCK_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/7/2024 12:46	59302 MCAL_T1	0	3	3	0	5.23	5.23	0	0	0	0	0	0	0	0
3/7/2024 12:50	26001 WDAM_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/7/2024 12:53	66702 STRA_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/7/2024 12:57	49804 UNIV_T1	2	2	0	0.55	0.5	-0.05	0	0	0	0	0	0	0	0
3/7/2024 13:05	60502 NMAN_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/7/2024 13:05	43201 MVIL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/7/2024 13:05	43202 MVIL_T2	1	1	0	0.5	0.5	0	0	0	0	0	0	0	0	0
3/7/2024 13:08	42201 SHEN_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/7/2024 13:08	43202 MVIL_T2	1	1	0	0.5	0.5	0	0	0	0	0	0	0	0	0
3/7/2024 13:11	52503 PROG_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/7/2024 13:17	65005 NEFF_T2	0	1	1	0	0.2	0.2	0	0	0	0	0	0	0	0
3/7/2024 13:21	43202 MVIL_T2	1	0	-1	0.5	0	-0.5	0	0	0	0	0	0	0	0
3/7/2024 13:30	24501 GOUL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/7/2024 13:33	59302 MCAL_T1	1	1	0	0.5	0.5	0	0	0	0	0	0	0	0	0
3/7/2024 13:33	52502 PROG_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/7/2024 13:34	42201 SHEN_T2	0	0	0	0

3/7/2024 14:11	46206 DANV_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/7/2024 14:12	53803 MIBRG_T2	1	2	1	0.5	0.35	-0.15	0	0	0	0	0	0	0	0
3/7/2024 14:12	44302 BEAV_T2	3	115	112	0.43	0.33	-0.1	0	0	0	0	0	0	0	0
3/7/2024 14:12	60102 COCA_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/7/2024 14:13	40903 JESH_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/7/2024 14:15	59003 MIFF_T1	4	2	-2	0.3	0.45	0.15	0	0	0	0	0	0	0	0
3/7/2024 14:15	64303 LINC_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/7/2024 14:16	59302 MCAL_T1	0	1	1	0	0.4	0.4	0	0	0	0	0	0	0	0
3/7/2024 14:17	64305 LINC_T1	1	0	-1	0.1	0	-0.1	0	0	0	0	0	0	0	0
3/7/2024 14:17	67604 WARW_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/7/2024 14:17	42001 MNVL_T2	5	37	32	0.24	0.17	-0.07	0	0	0	0	0	0	0	0
3/7/2024 14:18	67603 WARW_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/7/2024 14:18	43201 MVIL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/7/2024 14:18	43201 MVIL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/7/2024 14:19	42204 SHEN_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/7/2024 14:19	43201 MVIL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/7/2024 14:19	46702 RENO_T1	36	108	72	0.18	0.19	0.01	0	0	0	0	0	0	0	0
3/7/2024 14:19	58401 MORO_T1	5	2	-3	0.48	0.25	-0.23	0	0	0	0	0	0	0	0
3/7/2024 14:19	54001 SDLE_T1	12	9	-3	0.98	1.16	0.18	0	0	0	0	0	0	0	0
3/7/2024 14:20	46701 RENO_T1	87	146	59	0.27	0.31	0.04	0	0	0	0	0	0	0	0
3/7/2024 14:20	65004 NEFF_T2	38	12	-26	0.17	0.23	0.06	0	0	0	0	0	0	0	0
3/7/2024 14:20	58401 MORO_T1	5	2	-3	0.48	0.25	-0.23	0	0	0	0	0	0	0	0
3/7/2024 14:20	15103 UPHA_T2	1	1	0	0.5	0.6	0.1	0	0	0	0	0	0	0	0
3/7/2024 14:21	43201 MVIL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/7/2024 14:21	58402 MORO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/7/2024 14:22	65903 SAKR_T2	1	0	-1	0.1	0	-0.1	0	0	0	0	0	0	0	0
3/7/2024 14:22	54001 SDLE_T1	12	9	-3	0.98	1.16	0.18	0	0	0	0	0	0	0	0
3/7/2024 14:22	67402 WAKE_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/7/2024 14:22	45402 WBLO_T2	7	27	20	0.2	0.2	0	0	0	0	0	0	0	0	0
3/7/2024 14:23	54503 ENOL_T2	1	4	3	0.1	0.35	0.25	0	0	0	0	0	0	0	0
3/7/2024 14:23	46004 BERW_T2	0	1	1	0	0.5	0.5	0	0	0	0	0	0	0	0
3/7/2024 14:24	10805 CHHI_T2	1	1	0	8.1	7.6	-0.5	0	0	0	0	0	0	0	0
3/7/2024 14:24	43001 ALWD_T1	5	4	-1	0.92	1.05	0.13	0	0	0	0	0	0	0	0
3/7/2024 14:24	45402 WBLO_T2	7	27	20	0.2	0.2	0	0	0	0	0	0	0	0	0
3/7/2024 14:24	67401 WAKE_T2	0	1	1	0	0.1	0.1	0	0	0	0	0	0	0	0
3/7/2024 14:25	46003 BERW_T2	0	2	2	0	0.1	0.1	0	0	0	0	0	0	0	0
3/7/2024 14:25	15704 TANN_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/7/2024 14:25	43001 ALWD_T1	5	4	-1	0.92	1.05	0.13	0	0	0	0	0	0	0	0
3/7/2024 14:25	26001 WDAM_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/7/2024 14:25	44301 BEAV_T2	8	12	4	0.19	0.32	0.13	0	0	0	0	0	0	0	0
3/7/2024 14:25	46005 BERW_T1	0	2	2	0	0.7	0.7	0	0	0	0	0	0	0	0
3/7/2024 14:26	53903 HALI_T2	4	5	1	0.75	0.62	-0.13	0	0	0	0	0	0	0	0
3/7/2024 14:26	10805 CHHI_T2	1	1	0	8.1	7.6	-0.5	0	0	0	0	0	0	0	0
3/7/2024 14:26	44301 BEAV_T2	8	12	4	0.19	0.32	0.13	0	0	0	0	0	0	0	0
3/7/2024 14:26	10801 CHHI_T1	0	4	4	0	0.25	0.25	0	0	0	0	0	0	0	0
3/7/2024 14:27	53901 HALI_T2	4	5	1	0.75	0.62	-0.13	0	0	0	0	0	0	0	0
3/7/2024 14:27	53901 HALI_T2	4	5	1	0.75	0.62	-0.13	0	0	0	0	0	0	0	0
3/7/2024 14:27	56601 HAMP_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/7/2024 14:27	60803 BUCK_T1	0	1	1	0	0.1	0.1	0	0	0	0	0	0	0	0
3/7/2024 14:27	46205 DANV_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/7/2024 14:27	46003 BERW_T2	0	2	2	0	0.1	0.1	0	0	0	0	0	0	0	0
3/7/2024 14:27	10805 CHHI_T2	1	1	0	8.1	7.6	-0.5	0	0	0	0	0	0	0	0
3/7/2024 14:27	53502 EVIL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/7/2024 14:28	53502 EVIL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/7/2024 14:28	46002 BERW_T2	0	4	4	0	0.28	0.28	0	0	0	0	0	0	0	0
3/7/2024 14:28	44302 BEAV_T2	9	115	106	0.42	0.33	-0.09	0	0	0	0	0	0	0	0
3/7/2024 14:28	60101 COCA_T1	4	1	-3	0.38	0.2	-0.18	0	0	0	0	0	0	0	0
3/7/2024 14:29	53902 HALI_T2	3	2	-1	2.27	3.05	0.78	0	0	0	0	0	0	0	0
3/7/2024 14:29	40901 JESH_T1	1	1	0	0.2	0.2	0	0	0	0	0	0	0	0	0
3/7/2024 14:30	65002 NEFF_T2	6	4	-2	0.1	0.1	0	0	0	0	0	0	0	0	0
3/7/2024 14:30	53903 HALI_T2	14	18	4	0.71	0.61	-0.1	0	0	0	0	0	0	0	0
3/7/2024 14:31	53901 HALI_T2	3	5	2	0.93	0.52	-0.41	0	0	0	0	0	0	0	0
3/7/2024 14:31	59301 MCAL_T1	7	6	-1	0.59	0.58	-0.01	0	0	0	0	0	0	0	0
3/7/2024 14:31	59002 MIFF_T1	6	6	0	0.55	0.77	0.22	0	0	0	0	0	0	0	0
3/7/2024 14:32	53901 HALI_T2	3	5	2	0.93	0.52	-0.41	0	0	0	0	0	0	0	0
3/7/2024 14:32	46801 HEPB_T2	2	3	1	1	0.87	-0.13	0	0	0	0	0	0	0	0
3/7/2024 14:33	47402 PENS_T1	3	2	-1	0.67	0.3	-0.37	0	0	0	0	0	0	0	0
3/7/2024 14:33	46803 HEPB_T2	3	2	-1	0.17	0.25	0.08	0	0	0	0	0	0	0	0
3/7/2024 14:33	42001 MNVL_T2	4	38	34	0.2	0.17	-0.03	0	0	0	0	0	0	0	0
3/7/2024 14:34	43202 MVIL_T2	1	1	0	0.8	0.8	0	0	0	0	0	0	0	0	0
3/7/2024 14:34	67002 STHI_T2	0	11	11	0	0.11	0.11	0	0	0	0	0	0	0	0
3/7/2024 14:34	47403 PENS_T1	7	3	-4	0.74	0.8	0.06	0	0	0	0	0	0	0	0
3/7/2024 14:35	56501 ROCK_T2	8	7	-1	0.3	0.27	-0.03	0	0	0	0	0	0	0	0
3/7/2024 14:35	65003 NEFF_T2	113	160	47	0.21	0.24	0.03	0	0	0	0	0	0	0	0
3/7/2024 14:36	46702 RENO_T1	81	114	33	0.2	0.19	-0.01	0	0	0	0	0	0	0	0
3/7/2024 14:36	42201 SHEN_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/7/2024 14:36	67603 WARW_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/7/2024 14:37	47401 PENS_T1	55	31	-24	0.41	0.38	-0.03	0	0	0	0	0	0	0	0
3/7/2024 14:37	67605 WARW_T1	39	54	15	0.72	0.72	0	0	0	0	0	0	0	0	0
3/7/2024 14:37	53902 HALI_T2	2	2	0	3.05	2.9	-0.15	0	0	0	0	0	0	0	0
3/7/2024 14:37	67001 STHI_T2	1	84	83	0.1	0.1	0	0	0	0	0	0	0	0	0
3/7/2024 14:37	60201 ATGL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/7/2024 14:38	67001 STHI_T2	1	84	83	0.1	0.1	0	0	0	0	0	0	0	0	0
3/7/2024 14:38	66702 STRA_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/7/2024 14:38	45402 WBLO_T2	17	34	17	0.19	0.27	0.08	0	0	0	0	0	0	0	0
3/7/2024 14:38	60803 BUCK_T1	1	0	-1	0.1	0	-0.1	0	0	0	0	0	0	0	0
3/7/2024 14:38	46004 BERW_T2	1	1	0	0.5	0.3	-0.2	0	0	0	0	0	0	0	0
3/7/2024 14:38	67401 WAKE_T2	0	1	1	0	0.1	0.1	0	0	0	0	0	0	0	0
3/7/2024 14:39	46004 BERW_T2	1	1	0	0.5	0.3	-0.2	0	0	0	0	0	0	0	0
3/7/2024 14:39	26002 WDAM_T1	1	0	-1	0.2	0	-0.2	0	0	0	0	0	0	0	0
3/7/2024 14:39	43301 WATS_T2	0	2	2	0	0.5	0.5	0	0	0	0	0	0	0	0
3/7/2024 14:39	67401 WAKE_T2	0	1	1	0	0.1	0.1	0	0	0	0	0	0	0	0
3/7/2024 14:40	46002 BERW_T2	4	3	-1	0.25	0.23	-0.02	0	0	0	0	0	0	0	0
3/7/2024 14:40	43303 WATS_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/7/2024 14:40	15704 TANN_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/7/2024 14:40	45501 DERR_T2	1	2	1	0.6	0.25	-0.35	0	0	0	0	0	0	0	0
3/7/2024 14:40	45402 WBLO_T2	17	34	17	0.19	0.27	0.08	0	0	0	0	0	0	0	0
3/7/2024 14:40	43001 ALWD_T1	4	5	1	1.05	0.8	-0.25	0	0	0	0	0	0	0	0
3/7/2024 14:41	46003 BERW_T2	2	0	-2	0.1	0	-0.1	0	0	0	0	0	0	0	0
3/7/2024 14:41	46005 BERW_T1	1	2	1	0.5	0.7	0.2	0	0	0	0	0	0	0	0
3/7/2024 14:41	10801 CHHI_T1	4	0	-4	0.25	0	-0.25	0	0	0	0	0	0	0	0
3/7/2024 14:42	43304 WATS_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/7/2024 14:42	23902 EFMO_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/7/2024 14:43	43304 WATS_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/7/2024 14:43	61802 HEMP_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/7/2024 14:43	46201 DANV_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/7/2024 14:43	46801 HEPB_T2	2	3	1	1	0.87	-0.13	0	0	0	0	0	0	0	0
3/7/2024 14:43	53903 HALI_T2	14	18	4	0.71	0.61	-0.1	0	0	0	0	0	0	0	0
3/7/2024 14:43	41304 WATS_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/7/2024 14:43	46005 BERW_T1	1	2	1	0.5	0.7	0.2	0	0	0	0	0	0	0	0
3/7/2024 14:43	42401 GIMA_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/7/2024 14:44	40901 JESH_T1	0	1	1	0	0.2	0.2	0	0	0	0	0	0	0	0
3/7/2024 14:45	53903 HALI_T2	18	18	0	0.59	0.67	0.08	0	0	0	0	0	0	0	0
3/7/2024 14:45	16302 ALPA_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/7/2024 14:46	59302 MCAL_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/7/2024 14:47	16302 ALPA_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/7/2024 14:48	42002 MNVL_T2	1	1	0	5.6	5.8	0.2	0	0	0	0	0	0	0	0
3/7/2024 14:48	46801 HEPB_T2	3	18	15	0.7	0.23	-0.47	0	0	0	0	0	0	0	0
3/7/2024 14:49	67605 WARW_T1	47	116	69	0.75	0.48	-0.27	0	0	0	0	0	0	0	0
3/7/2024 14:49	43201 MVIL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/7/2024 14:50	17002 RIRO_T2	1	8	7	0.2	0.1	-0.1	0	0	0	0	0	0	0	0
3/7/2024 14:50	42903 MIDD_T2	2	2	0	1.05	0.7	-0.35	0	0	0	0	0	0	0	0
3/7/2024 14:50	46701 RENO_T1	144	171	27	0.31	0.27	-0.04	0	0	0	0	0	0	0	0
3/7/2024 14:50	42204 SHEN_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/7/2024 14:50	67002 STHI_T2	2	13	11	0.1	0.11	0.01	0	0	0	0	0	0	0	0
3/7/2024 14:50	67605 WARW_T1	47	116	69	0.75	0.48	-0.27	0	0	0	0	0	0	0	0
3/7/2024 14:51	65004 NEFF_T2	7	16	9	0.17	0.22	0.05	0	0	0	0	0	0	0	0
3/7/2024 14:51	16102 BING_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/7/2024 14:52	65002 NEFF_T2	0	5	5	0	0.1	0.1	0	0	0	0	0	0	0	0
3/7/2024 14:52	14402 SSLA_T1	2	3	1	0.4	0.47	0.07	0	0	0	0	0	0	0	0
3/7/2024 14:53	67002 STHI_T2	2	13	11	0.1	0.11	0.01	0	0	0	0	0	0	0	0
3/7/2024 14:53	67503 WEWI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/7/2024 14:53	42202 SHEN_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/7/2024 14:53	67201 TEHI_T1	2	20	18	0.5	0.25	-0.25	0	0	0	0	0	0	0	0
3/7/2024 14:54	67502 WEWI_T2	5	1	-4	0.26	0.1	-0.16	0	0	0	0	0	0	0	0
3/7/2024 14:54	56501 ROCK_T2	6	10	4	0.27	0.36	0.09	0	0	0	0	0	0	0	0
3/7/2024 14:54	60102 COCA_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/7/2024 14:55	67502 WEWI_T2	5	1	-4	0.26	0.1	-0.16	0	0	0	0	0	0	0	0
3/7/2024 14:56	60102 COCA_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/7/2024 14:57	43302 WATS_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/7/2024 14:57	65005 NEFF_T2	1	1	0	0.7	0.7	0	0	0	0	0	0	0	0	0
3/7/2024 14:58	53901 HALI_T2	5	4	-1	0.5	0.53	0.03	0	0	0	0	0	0	0	0
3/7/2024 14:58	60102 COCA_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/7/2024 15:01	58401 MORO_T1	3	1	-2	0.1	0.1	0	0	0	0	0	0	0	0	0
3/7/2024 15:02	65001 NEFF_T2	237	236	-1	0.27	0.23	-0.04	0	0	0	0	0	0	0	0
3/7/2024 15:02	13103 NHAM_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/7/2024 15:03	43202 MVIL_T2	1	1	0	0.8	0.6	-0.2	0	0	0	0	0	0	0	0
3/7/2024 15:04	65503 MOJO_T2	0	7	7	0	0.11	0.11	0	0	0	0	0	0	0	0
3/7/2024 15:05	65503 MOJO_T2	0	7	7	0	0.11	0.11	0	0	0	0	0	0	0	0
3/7/2024 15:06	43201 MVIL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/7/2024 15:06	17002 RIRO_T2	0	11	11	0	0.12	0.12	0	0	0	0	0	0	0	0
3/7/2024 15:07	14402 SSLA_T1	2	4	2	0.5	0.63	0.13	0	0	0	0	0	0	0	0
3/7/2024 15:10	24901 WHHA_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/7/2024 15:13	23902 EFMO_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/7/2024 15:23	44301 BEAV_T2	0	1	1	0	0.2	0.2	0	0	0	0	0	0	0	0
3/7/2024 15:23	41602 CLEV_T1	0	1	1	0	0.6	0.6	0	0	0	0	0	0	0	0
3/7/2024 15:24	14802 TREI_T2	59	64	5	0.28	0.31	0.03	0	0	0	0	0	0	0	0
3/7/2024 15:24	43801 SWIL_T1	21	39	18	0.42	0.35	-0.07	0	0	0	0	0	0	0	0
3/7/2024 15:25	43801 SWIL_T1	21	39	18	0.42	0.35	-0.07	0	0	0	0	0	0	0	0
3/7/2024 15:25	25502 MADI_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/7/2024 15:25	44302 BEAV_T2	5	54	49	0.16	0.19	0.03	0	0	0	0	0	0	0	0
3/7/2024 15:27	41601 CLEV_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/7/2024 15:27	44301 BEAV_T2	0	1	1	0	0.2	0.2	0	0	0	0	0	0	0	0
3/7/2024 15:29	59003 MIFF_T1	1	2	1	0.5	0.65	0.15	0	0	0	0	0	0	0	0
3/7/2024 15:31	20601 GRWO_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/7/2024 15:34	47402 PENS_T1	1	1	0	0.2	0.3	0.1	0	0	0	0	0	0	0	0
3/7/2024 15:35	67001 STHI_T2	19	8	-11	0.11	0.11	0	0	0	0	0	19	8	0	0
3/7/2024 15:37	47402 PENS_T1	1	1	0	0.2	0.3	0.1	0	0	0	0	0	0	0	0
3/7/2024 15:38	56501 ROCK_T2	9	7	-2	0.3	0.37	0.07	0	0	0	0	0	0	0	0
3/7/2024 15:39	67002 STHI_T2	3	0	-3	0.1	0	-0.1	0	0	0	0	0	0	0	0
3/7/2024 15:39	10805 CHHI_T2	1	1	0	7.6	7.7	0.1	0	0	0	0	0	0	0	0
3/7/2024 15:42	43001 ALWD_T1	13	15	2	0.32	0.26	-0.06	0	0	0	0	0	0	0	0
3/7/2024 15:43	10805 CHHI_T2	1	1	0	7.6	7.7	0.1	0	0	0	0	0	0	0	0
3/7/2024 15:44	52006 LING_T2	3	3	0	1.37	1.47	0.1	0	0	0	0	0	0	0	0
3/7/2024 15:45	23902 EFMO_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/7/2024 15:49	60502 NMAN_T2	3	1	-2	0.3	0.1	-0.2	0	0	0	0	0	0	0	0
3/7/2024 15:53	45602 WOOL_T1	4	3	-1	0.5	0.53	0.03	0	0	0	0	0	0	0	0
3/7/2024 15:56	45602 WOOL_T1	4	3	-1	0.5	0.53	0.03	0	0	0	0	0	0	0	0
3/7/2024 16:00	43801 SWIL_T1	37	51	14	0.37	0.3	-0.07	0	0	0	0	0	0	0	0
3/7/2024 16:01	52002 LING_T2	1	2	1	1.8	0.9	-0.9	0	0	0	0	0	0	0	0
3/7/2024 16:01	60701 BREC_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/7/2024 16:05	65005 NEFF_T2	1	1	0	0.2	0.2	0	0	0	0	0	0

Appendix C - Grid Benefits Achieved in Each Instance of Active Management

3/7/2024 20:04	42203 SHEN_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
3/7/2024 20:04	53502 EVIL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
3/7/2024 20:04	16302 ALPA_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
3/7/2024 20:05	53903 HALI_T2	2	2	0	1.2	1.8	0.6	0	0	0	0	0	0	0
3/7/2024 20:05	29401 BELT_T1	37	29	-8	0.18	0.16	-0.02	0	0	0	0	0	0	0
3/7/2024 20:05	20402 ASHF_T2	0	6	6	0	0.5	0.5	0	0	0	0	0	0	0
3/7/2024 20:05	67001 STHI_T2	1	1	0	0.2	0.2	0	0	0	0	0	0	0	0
3/7/2024 20:05	47802 MOCA_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
3/7/2024 20:06	53901 HALI_T2	17	19	2	0.29	0.3	0.01	0	0	0	0	0	0	0
3/7/2024 20:06	29402 BELT_T1	1	1	0	7.3	7.5	0.2	0	0	0	0	0	0	0
3/7/2024 20:06	66501 SMAN_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
3/7/2024 20:06	65004 NEFF_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
3/7/2024 20:06	14402 SSLA_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
3/7/2024 20:07	54505 ENOL_T2	1	1	0	0.6	0.8	0.2	0	0	0	0	0	0	0
3/7/2024 20:07	29401 BELT_T1	37	29	-8	0.18	0.16	-0.02	0	0	0	0	0	0	0
3/7/2024 20:07	29401 BELT_T1	37	29	-8	0.18	0.16	-0.02	0	0	0	0	0	0	0
3/7/2024 20:07	46005 BERW_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
3/7/2024 20:07	57403 SPAN_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
3/7/2024 20:07	14801 TREI_T2	1	6	5	0.3	0.17	-0.13	0	0	0	0	0	0	0
3/7/2024 20:07	15001 BLMO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
3/7/2024 20:07	60101 COCA_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
3/7/2024 20:08	57306 MOAL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
3/7/2024 20:08	49804 UNIV_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
3/7/2024 20:08	10805 CHNI_T2	1	1	0	8	7.7	-0.3	0	0	0	0	0	0	0
3/7/2024 20:08	53901 HALI_T2	17	19	2	0.29	0.3	0.01	0	0	0	0	0	0	0
3/7/2024 20:08	67401 WAKE_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
3/7/2024 20:08	46202 DANV_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
3/7/2024 20:08	42902 MIDD_T2	30	69	39	0.35	0.39	0.04	0	0	0	0	0	0	0
3/7/2024 20:08	43801 SWIL_T1	27	36	9	0.46	0.42	-0.04	0	0	0	0	0	0	0
3/7/2024 20:08	16302 ALPA_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
3/7/2024 20:08	46005 BERW_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
3/7/2024 20:08	46302 ROHR_T1	4	4	0	0.9	0.95	0.05	0	0	0	0	0	0	0
3/7/2024 20:09	53902 HALI_T2	1	1	0	6	6	0	0	0	0	0	0	0	0
3/7/2024 20:09	64201 KINZ_T1	5	7	2	0.56	0.6	0.04	0	0	0	0	0	0	0
3/7/2024 20:09	10805 CHNI_T2	1	1	0	8	7.7	-0.3	0	0	0	0	0	0	0
3/7/2024 20:09	14801 TREI_T2	1	6	5	0.3	0.17	-0.13	0	0	0	0	0	0	0
3/7/2024 20:09	55002 NEWP_T1	5	6	1	1.06	1.08	0.02	0	0	0	0	0	0	0
3/7/2024 20:09	29402 BELT_T1	1	1	0	7.3	7.5	0.2	0	0	0	0	0	0	0
3/7/2024 20:09	67503 WEWI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
3/7/2024 20:09	67604 WARW_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
3/7/2024 20:09	58401 MORO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
3/7/2024 20:09	46801 HEPB_T2	1	2	1	0.1	0.2	0.1	0	0	0	0	0	0	0
3/7/2024 20:09	40603 PIGR_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
3/7/2024 20:09	41801 GOCI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
3/7/2024 20:09	40101 HUNT_T2	1	0	-1	0.2	0	-0.2	0	0	0	0	0	0	0
3/7/2024 20:09	15001 BLMO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
3/7/2024 20:09	64703 LITI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
3/7/2024 20:09	60201 ATGL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
3/7/2024 20:09	43802 SWIL_T1	0	1	1	0	0	0	0	0	0	0	0	0	0
3/7/2024 20:09	67502 WEWI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
3/7/2024 20:09	56802 BENV_T2	42	293	251	0.15	0.62	0.47	0	0	0	0	0	0	0
3/7/2024 20:10	20403 ASHF_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
3/7/2024 20:10	41801 GOCI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
3/7/2024 20:10	65503 MOJO_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
3/7/2024 20:10	54504 ENOL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
3/7/2024 20:10	54502 ENOL_T2	0	1	1	0	0.1	0.1	0	0	0	0	0	0	0
3/7/2024 20:10	29401 BELT_T1	37	29	-8	0.18	0.16	-0.02	0	0	0	0	0	0	0
3/7/2024 20:10	40603 PIGR_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
3/7/2024 20:10	65002 NEFF_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
3/7/2024 20:10	43201 MVIL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
3/7/2024 20:10	64802 MONE_T2	26	49	23	0.12	0.14	0.02	0	0	0	0	0	0	0
3/7/2024 20:10	57401 SPAN_T1	2	2	0	0.55	0.85	0.3	0	0	0	0	0	0	0
3/7/2024 20:10	53501 EVIL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
3/7/2024 20:10	43201 MVIL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
3/7/2024 20:10	40101 HUNT_T2	1	0	-1	0.2	0	-0.2	0	0	0	0	0	0	0
3/7/2024 20:11	45601 WOOL_T1	0	2	2	0	1.65	1.65	0	0	0	0	0	0	0
3/7/2024 20:11	43302 WATS_T2	4	4	0	0.45	0.45	0	0	0	0	0	0	0	0
3/7/2024 20:11	54504 ENOL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
3/7/2024 20:11	54503 ENOL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
3/7/2024 20:11	10801 CHNI_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
3/7/2024 20:11	45502 DERR_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
3/7/2024 20:11	41602 CLEV_T1	0	1	1	0	0	0	0	0	0	0	0	0	0
3/7/2024 20:11	16302 ALPA_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
3/7/2024 20:11	43202 MVIL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
3/7/2024 20:11	20402 ASHF_T2	0	6	6	0	0.5	0.5	0	0	0	0	0	0	0
3/7/2024 20:11	53902 HALI_T2	1	1	0	6	6	0	0	0	0	0	0	0	0
3/7/2024 20:11	26001 WDAM_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
3/7/2024 20:11	46005 BERW_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
3/7/2024 20:11	29402 BELT_T1	1	1	0	7.3	7.5	0.2	0	0	0	0	0	0	0
3/7/2024 20:11	10805 CHNI_T2	1	1	0	8	7.7	-0.3	0	0	0	0	0	0	0
3/7/2024 20:12	20403 ASHF_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
3/7/2024 20:12	65002 NEFF_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
3/7/2024 20:12	15103 UPHA_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
3/7/2024 20:12	59302 MCAL_T1	1	1	0	0.6	0.6	0	0	0	0	0	0	0	0
3/7/2024 20:12	46202 DANV_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
3/7/2024 20:12	63803 HEMP_T1	62	135	73	0.18	0.32	0.14	0	0	0	0	0	0	0
3/7/2024 20:12	64303 LINC_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
3/7/2024 20:12	41602 CLEV_T1	0	1	1	0	0	0	0	0	0	0	0	0	0
3/7/2024 20:12	12701 MACU_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
3/7/2024 20:12	54501 ENOL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
3/7/2024 20:12	43802 SWIL_T1	0	1	1	0	0	0	0	0	0	0	0	0	0
3/7/2024 20:12	54501 ENOL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
3/7/2024 20:12	60504 NMAN_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
3/7/2024 20:12	54502 ENOL_T2	0	1	1	0	0.1	0.1	0	0	0	0	0	0	0
3/7/2024 20:12	59302 MCAL_T1	1	1	0	0.6	0.6	0	0	0	0	0	0	0	0
3/7/2024 20:12	57403 SPAN_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
3/7/2024 20:12	46004 BERW_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
3/7/2024 20:12	44302 BEAV_T2	34	65	31	0.19	0.29	0.1	0	0	0	0	0	0	0
3/7/2024 20:12	59003 MIFF_T1	0	1	1	0	0.4	0.4	0	0	0	0	0	0	0
3/7/2024 20:12	67503 WEWI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
3/7/2024 20:12	16102 BING_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
3/7/2024 20:12	55001 NEWP_T1	0	19	19	0	0.19	0.19	0	0	0	0	0	0	0
3/7/2024 20:12	56802 BENV_T2	42	293	251	0.15	0.62	0.47	0	0	0	0	0	0	0
3/7/2024 20:13	46206 DANV_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
3/7/2024 20:13	47401 PENS_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
3/7/2024 20:13	62601 ENGI_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
3/7/2024 20:13	42903 MIDD_T2	2	2	0	1.45	1.9	0.45	0	0	0	0	0	0	0
3/7/2024 20:13	56601 HAMP_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
3/7/2024 20:13	54506 ENOL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
3/7/2024 20:13	56803 BENV_T1	1	5	4	0.5	0.8	0.3	0	0	0	0	0	0	0
3/7/2024 20:13	45602 WOOL_T1	2	2	0	0.4	0.55	0.15	0	0	0	0	0	0	0
3/7/2024 20:13	57401 SPAN_T1	2	2	0	0.55	0.85	0.3	0	0	0	0	0	0	0
3/7/2024 20:13	60701 BREC_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
3/7/2024 20:13	42701 AUGU_T1	1	1	0	0.6	0.7	0.1	0	0	0	0	0	0	0
3/7/2024 20:13	67203 TEHI_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
3/7/2024 20:13	53901 HALI_T2	17	19	2	0.29	0.3	0.01	0	0	0	0	0	0	0
3/7/2024 20:13	67203 TEHI_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
3/7/2024 20:13	53903 HALI_T2	2	2	0	1.2	1.8	0.6	0	0	0	0	0	0	0
3/7/2024 20:13	52004 LING_T2	1	1	0	0	0.1	0.1	0	0	0	0	0	0	0
3/7/2024 20:13	43301 WATS_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
3/7/2024 20:13	67002 STHI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
3/7/2024 20:13	60201 ATGL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
3/7/2024 20:13	61703 ELIZ_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
3/7/2024 20:13	58402 MORO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
3/7/2024 20:14	54001 SDLE_T1	3	2	-1	0.73	0.8	0.07	0	0	0	0	0	0	0
3/7/2024 20:14	46204 DANV_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
3/7/2024 20:14	52002 LING_T2	1	0	-1	0.8	0	-0.8	0	0	0	0	0	0	0
3/7/2024 20:14	41902 REED_T1	0	2	2	0	0	0	0	0	0	0	0	0	0
3/7/2024 20:14	52502 PROG_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
3/7/2024 20:14	64303 LINC_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
3/7/2024 20:14	15001 BLMO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
3/7/2024 20:14	66702 STRA_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
3/7/2024 20:14	54502 ENOL_T2	0	1	1	0	0.1	0.1	0	0	0	0	0	0	0
3/7/2024 20:14	12704 MACU_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
3/7/2024 20:14	60101 COCA_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
3/7/2024 20:14	50302 HARR_T3	1	1	0	0.5	0.6	0.1	0	0	0	0	0	0	0
3/7/2024 20:14	43304 WATS_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
3/7/2024 20:14	57403 SPAN_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
3/7/2024 20:14	67402 WAKE_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
3/7/2024 20:14	56504 ROCK_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
3/7/2024 20:14	46004 BERW_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
3/7/2024 20:14	54506 ENOL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
3/7/2024 20:14	65502 MOJO_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
3/7/2024 20:14	45602 WOOL_T1	2	2	0	0.4	0.55	0.15	0	0	0	0	0	0	0
3/7/2024 20:14	60801 BUCK_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
3/7/2024 20:14	42802 SELI_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
3/7/2024 20:14	43001 ALWD_T1	11	12	1	0.24	0.28	0.04	0	0	0	0	0	0	0
3/7/2024 20:14	46801 HEPB_T2	1	2	1	0.1	0.2	0.1	0	0	0	0	0	0	0
3/7/2024 20:14	42701 AUGU_T1	1	1	0	0.6	0.7	0.1	0	0	0	0	0	0	0
3/7/2024 20:14	67502 WEWI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
3/7/2024 20:14	61703 ELIZ_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
3/7/2024 20:15	57403 SPAN_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
3/7/2024 20:15	54505 ENOL_T2	1	1	0	0.7	0.9	0.2	0	0	0	0	0	0	0
3/7/2024 20:15	62602 ENGL_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
3/7/2024 20:15	43001 ALWD_T1	11	12	1	0.27	0.28	0.01	0	0	0	0	0	0	0
3/7/2024 20:15	54504 ENOL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
3/7/2024 20:15	54506 ENOL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
3/7/2024 20:15	67605 WARW_T1	13	14	1	0.33	0.42	0.09	0	0	0	0	0	0	0
3/7/2024 20:15	40902 JESH_T1	2	9	7	0.15	0.13	-0.02	0	0	0	0	0	0	0
3/7/2024 20:15	40602 PIGR_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
3/7/2024 20:15	47401 PENS_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
3/7/2024 20:15	58401 MORO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
3/7/2024 20:15	56802 BENV_T2	44	293	249	0.18	0.62	0.44	0	0	0	0	0	0	0
3/7/2024 20:15	62606 ENGL_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
3/7/2024 20:15	45402 WBLO_T2	21	20	-1	0.14	0.2	0.06	0	0	0	0	0	0	0
3/7/2024 20:15	52503 PROG_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
3/7/2024 20:15	64802 MONE_T2	48	2	-46	0.15	0.1	-0.05	0	0	0	0	0	0	0
3/7/2024 20:16	57403 SPAN_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
3/7/2024 20:16	45402 WBLO_T2	21	20	-1	0.14	0.2	0.06	0	0	0	0	0	0	0
3/7/2024 20:16	61703 ELIZ_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
3/7/2024 20:16	55002 NEWP_T1	5	6	1	1.12	1.17	0.05	0	0	0	0	0	0	0
3/7/2024 20:16	56503 ROCK_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
3/7/2024 20:16	40602 PIGR_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
3/7/2024 20:16	43001 ALWD_T1	11	12	1	0.27	0.28	0.01	0	0	0	0	0	0	0
3/7/2024 20:16	58401 MORO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
3/7/2024 20:16	43301 WATS_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
3/7/2024 20:16	58401 MORO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
3/7/2024 20:16	42701 AUGU_T1	1	1	0	0.7	0.7	0	0	0	0	0	0	0	0
3/7/2024 20:16	54505 ENOL_T2	1	1	0	0.7	0.9	0.2	0	0	0	0	0	0	0
3/7/2024 20:16	57401 SPAN_T1	2	2	0	0.65	0.85	0.2	0	0	0	0	0	0	0
3/7/2024 20:16	54204 PENN_T2	2	3	1	0.65	0.57	-0.08	0	0	0	0	0	0	0
3/7/2024 20:16	40101 HUNT_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
3/7/2024 20:17	50102 HARR_T3	13	18	5	0.35	0.34	-0.01	0	0	0	0	0	0	0
3/7/2024 20:17	54501 ENOL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
3/7/2024 20:17	52502 PROG_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
3/7/2024 20:17	41801 GOCI_T2	0	1	1	0	0.1	0.1	0	0	0	0	0	0	0
3/7/2024 20:17	52006 LING_T2	2	3	1	1.4	1.1	-0.3	0	0	0	0	0	0	0
3/7/2024 20:17	13102 NHAM_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
3/7/2024 20:17	52502 PROG_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
3/7/2024 20:17	43301 WATS_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
3/7/2024 20:17	58401 MORO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
3/7/2024 20:17	60102 COCA_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
3/7/2024 20:17	54505 ENOL_T2	1	1	0	0.7	0.9	0.2	0	0	0	0	0	0	0
3/7/2024 20:17	14402 SSLA_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
3/7/2024 20:17	46701 RENO_T1	1	4	3	8.1	2.2	-5.9

3/7/2024 20:21	58402 MORO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/7/2024 20:21	56501 ROCK_T2	1	1	0	0.7	0.7	0	0	0	0	0	0	0	0	0
3/7/2024 20:22	65004 NEFF_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/7/2024 20:22	53501 EVIL_T2	0	1	1	0	0.1	0.1	0	0	0	0	0	0	0	0
3/7/2024 20:22	40101 HUNT_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/7/2024 20:23	44302 BEAV_T2	38	104	66	0.19	0.33	0.14	0	0	0	0	0	0	0	0
3/7/2024 20:25	53901 HALI_T2	17	24	7	0.29	0.23	-0.06	0	0	0	0	0	0	0	0
3/7/2024 20:27	62606 ENGL_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/7/2024 20:31	44301 BEAV_T2	2	2	0	0.25	0.45	0.2	0	0	0	0	0	0	0	0
3/7/2024 20:59	65002 NEFF_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/7/2024 21:15	65004 NEFF_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/7/2024 21:22	56501 ROCK_T2	1	1	0	0.5	0.5	0	0	0	0	0	0	0	0	0
3/7/2024 21:57	65001 NEFF_T2	235	237	2	0.33	0.36	0.03	0	0	0	0	0	0	0	0
3/7/2024 22:18	65001 NEFF_T2	1	0	-1	0.1	0	-0.1	0	0	0	0	0	0	0	0
3/7/2024 22:23	65001 NEFF_T2	1	0	-1	0.1	0	-0.1	0	0	0	0	0	0	0	0
3/7/2024 22:35	58401 MORO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/7/2024 22:39	65004 NEFF_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/7/2024 23:00	65004 NEFF_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/7/2024 23:01	25502 MADI_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/7/2024 23:40	62602 ENGL_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/8/2024 0:19	65004 NEFF_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/8/2024 0:55	65002 NEFF_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/8/2024 1:16	65001 NEFF_T2	5	35	30	0.12	0.12	0	0	0	0	0	0	0	0	0
3/8/2024 1:42	65001 NEFF_T2	7	35	28	0.16	0.12	-0.04	0	0	0	0	0	0	0	0
3/8/2024 3:12	65003 NEFF_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/8/2024 3:22	65002 NEFF_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/8/2024 3:38	65004 NEFF_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/8/2024 4:36	65004 NEFF_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/8/2024 5:39	65003 NEFF_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/8/2024 6:05	65004 NEFF_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/8/2024 6:37	65004 NEFF_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/8/2024 7:03	65002 NEFF_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/8/2024 7:45	65001 NEFF_T2	0	4	4	0	0.15	0.15	0	0	0	0	0	0	0	0
3/8/2024 8:06	29402 BELT_T1	1	1	0	7.8	7.2	-0.6	0	0	0	0	0	0	0	0
3/8/2024 8:07	29401 BELT_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/8/2024 8:10	29402 BELT_T1	1	1	0	7.8	7.2	-0.6	0	0	0	0	0	0	0	0
3/8/2024 8:11	29402 BELT_T1	1	1	0	7.8	7.2	-0.6	0	0	0	0	0	0	0	0
3/8/2024 8:24	46201 DANV_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/8/2024 8:28	40101 HUNT_T2	28	35	7	0.58	0.78	0.2	0	0	0	0	0	0	0	0
3/8/2024 8:29	46101 MACI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/8/2024 8:40	54504 ENOL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/8/2024 8:42	53601 DALM_T2	1	1	0	0.8	1.2	0.4	0	0	0	0	0	0	0	0
3/8/2024 8:43	20602 GRWO_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/8/2024 8:44	64703 LITI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/8/2024 8:45	64703 LITI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/8/2024 8:52	56802 BENV_T2	1	217	216	0.1	0.25	0.15	0	0	0	0	0	0	0	0
3/8/2024 8:53	56802 BENV_T2	1	217	216	0.1	0.25	0.15	0	0	0	0	0	0	0	0
3/8/2024 9:00	47104 MARL_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/8/2024 9:00	42203 SHEN_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/8/2024 9:00	40602 PIGR_T1	2	1	-1	0.25	0.3	0.05	0	0	0	0	0	0	0	0
3/8/2024 9:00	10801 CHHI_T1	0	1	1	0	0.1	0.1	0	0	0	0	0	0	0	0
3/8/2024 9:00	55001 NEWP_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/8/2024 9:00	58001 WCAR_T1	1	1	0	0.6	1.1	0.5	0	0	0	0	0	0	0	0
3/8/2024 9:00	45502 DERR_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/8/2024 9:00	24103 EHAZ_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/8/2024 9:00	65003 NEFF_T2	6	6	0	0.22	0.15	-0.07	0	0	0	0	0	0	0	0
3/8/2024 9:00	62606 ENGL_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/8/2024 9:00	46206 DANV_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/8/2024 9:00	16103 BING_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/8/2024 9:00	27502 WEIS_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/8/2024 9:00	17805 GILB_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/8/2024 9:00	66301 MCGO_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/8/2024 9:00	46003 BERW_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/8/2024 9:00	40504 CRES_T1	1	16	15	0.2	0.21	0.01	0	0	0	0	0	0	0	0
3/8/2024 9:00	41902 REED_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/8/2024 9:00	43001 ALWD_T1	0	2	2	0	0.4	0.4	0	0	0	0	0	0	0	0
3/8/2024 9:00	67402 WAKE_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/8/2024 9:00	58402 MORO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/8/2024 9:00	53902 HALI_T2	1	1	0	5.6	5.8	0.2	0	0	0	0	0	0	0	0
3/8/2024 9:00	40503 CRES_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/8/2024 9:00	59101 WALK_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/8/2024 9:00	29401 BELT_T1	0	1	1	0	0.1	0.1	0	0	0	0	0	0	0	0
3/8/2024 9:00	60803 BUCK_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/8/2024 9:00	60701 BREC_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/8/2024 9:01	60102 COCA_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/8/2024 9:06	47104 MARL_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/8/2024 9:07	40101 HUNT_T2	20	3	-17	0.67	0.1	-0.57	0	0	0	0	0	0	0	0
3/8/2024 9:07	42903 MIDD_T2	2	3	1	1.1	1.2	0.1	0	0	0	0	0	0	0	0
3/8/2024 9:07	54602 SUMM_T2	4	0	-4	0.1	0	-0.1	0	0	0	0	0	0	0	0
3/8/2024 9:07	43001 ALWD_T1	0	2	2	0	0.4	0.4	0	0	0	0	0	0	0	0
3/8/2024 9:07	56501 ROCK_T2	5	13	8	0.86	0.48	-0.38	0	0	0	0	0	0	0	0
3/8/2024 9:07	20401 ASHF_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/8/2024 9:08	53501 EVIL_T2	4	6	2	0.5	0.88	0.38	0	0	0	0	0	0	0	0
3/8/2024 9:08	20401 ASHF_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/8/2024 9:08	56802 BENV_T2	145	239	94	0.24	0.3	0.06	0	0	0	0	0	0	0	0
3/8/2024 9:09	29401 BELT_T1	0	1	1	0	0.1	0.1	0	0	0	0	0	0	0	0
3/8/2024 9:09	56802 BENV_T2	145	239	94	0.24	0.3	0.06	0	0	0	0	0	0	0	0
3/8/2024 9:11	54502 ENOL_T2	1	1	0	0.3	0.6	0.3	0	0	0	0	0	0	0	0
3/8/2024 9:11	46204 DANV_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/8/2024 9:11	54504 ENOL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/8/2024 9:11	41802 GOCI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/8/2024 9:12	54501 ENOL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/8/2024 9:13	54502 ENOL_T2	1	1	0	0.3	0.6	0.3	0	0	0	0	0	0	0	0
3/8/2024 9:13	53601 DALM_T2	1	1	0	1.2	1.1	-0.1	0	0	0	0	0	0	0	0
3/8/2024 9:14	41802 GOCI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/8/2024 9:15	64703 LITI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/8/2024 9:15	40101 HUNT_T2	2	1	-1	1.45	0.1	-1.35	0	0	0	0	0	0	0	0
3/8/2024 9:15	59001 MIFF_T1	6	5	-1	0.42	0.34	-0.08	0	0	0	0	0	0	0	0
3/8/2024 9:16	64703 LITI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/8/2024 9:26	28601 BLYT_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/8/2024 9:31	20601 GRWO_T2	3	0	-3	0.7	0	-0.7	0	0	0	0	0	0	0	0
3/8/2024 9:36	47402 PENS_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/8/2024 9:37	29402 BELT_T1	2	2	0	3.6	3.9	0.3	0	0	0	0	0	0	0	0
3/8/2024 9:38	46003 BERW_T2	0	1	1	0	0.1	0.1	0	0	0	0	0	0	0	0
3/8/2024 9:39	29401 BELT_T1	1	4	3	0.1	0.13	0.03	0	0	0	0	0	0	0	0
3/8/2024 9:40	29402 BELT_T1	2	2	0	3.6	3.9	0.3	0	0	0	0	0	0	0	0
3/8/2024 9:41	40201 BEGA_T2	2	5	3	0.55	0.44	-0.11	0	0	0	0	0	0	0	0
3/8/2024 9:42	46205 DANV_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/8/2024 9:42	41801 GOCI_T2	151	231	80	0.27	0.42	0.15	0	0	0	0	0	0	0	0
3/8/2024 9:46	58402 MORO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/8/2024 9:47	54202 PENN_T2	12	74	62	0.14	0.13	-0.01	0	0	0	0	0	0	0	0
3/8/2024 9:48	43202 MVIL_T2	1	2	1	0.2	0.55	0.35	0	0	0	0	0	0	0	0
3/8/2024 9:49	46702 RENO_T1	102	1	-101	0.24	0.2	-0.04	0	0	0	0	0	0	0	0
3/8/2024 9:49	56503 ROCK_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/8/2024 9:49	56503 ROCK_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/8/2024 9:49	43201 MVIL_T2	0	1	1	0	0.5	0.5	0	0	0	0	0	0	0	0
3/8/2024 9:49	64802 MONE_T2	26	25	-1	0.32	0.32	0	0	0	0	0	0	0	0	0
3/8/2024 9:50	43201 MVIL_T2	0	1	1	0	0.5	0.5	0	0	0	0	0	0	0	0
3/8/2024 9:51	17002 RIRO_T2	2	5	3	0.85	0.5	-0.35	0	0	0	0	0	0	0	0
3/8/2024 9:51	43001 ALWD_T1	1	3	2	0.5	0.5	0	0	0	0	0	0	0	0	0
3/8/2024 9:52	56501 ROCK_T2	15	13	-2	0.39	0.35	-0.04	0	0	0	0	0	0	0	0
3/8/2024 9:52	41902 REED_T1	1	1	0	0.1	0.4	0.3	0	0	0	0	0	0	0	0
3/8/2024 9:53	29402 BELT_T1	2	2	0	3.75	4.25	0.5	0	0	0	0	0	0	0	0
3/8/2024 9:54	54505 ENOL_T2	2	2	0	1	1.1	0.1	0	0	0	0	0	0	0	0
3/8/2024 9:54	54503 ENOL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/8/2024 9:54	10801 CHHI_T1	0	1	1	0	0.3	0.3	0	0	0	0	0	0	0	0
3/8/2024 9:55	54501 ENOL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/8/2024 9:55	67202 TEHI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/8/2024 9:56	54504 ENOL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/8/2024 9:56	29401 BELT_T1	2	13	11	0.1	0.15	0.05	0	0	0	0	0	0	0	0
3/8/2024 9:57	54501 ENOL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/8/2024 9:57	53903 HALI_T2	3	6	3	1.03	0.75	-0.28	0	0	0	0	0	0	0	0
3/8/2024 9:58	54504 ENOL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/8/2024 9:58	54503 ENOL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/8/2024 9:59	54503 ENOL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/8/2024 10:00	40101 HUNT_T2	2	3	1	0.25	0.1	-0.15	0	0	0	0	0	0	0	0
3/8/2024 10:01	53902 HALI_T2	1	2	1	5.8	3	-2.8	0	0	0	0	0	0	0	0
3/8/2024 10:02	55002 NEWP_T1	7	6	-1	0.7	0.9	0.2	0	0	0	0	0	0	0	0
3/8/2024 10:03	57302 MOAL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/8/2024 10:03	40602 PIGR_T1	1	2	1	0.3	0.25	-0.05	0	0	0	0	0	0	0	0
3/8/2024 10:03	55002 NEWP_T1	7	6	-1	0.7	0.9	0.2	0	0	0	0	0	0	0	0
3/8/2024 10:03	54204 PENN_T2	2	0	-2	0.1	0	-0.1	0	0	0	0	0	0	0	0
3/8/2024 10:04	57304 MOAL_T2	4	0	-4	0.18	0	-0.18	0	0	0	0	0	0	0	0
3/8/2024 10:05	24901 WHHA_T1	0	1	1	0	0.7	0.7	0	0	0	0	0	0	0	0
3/8/2024 10:05	43201 MVIL_T2	1	1	0	0.5	0.1	-0.4	0	0	0	0	0	0	0	0
3/8/2024 10:05	55002 NEWP_T1	7	6	-1	0.7	0.9	0.2	0	0	0	0	0	0	0	0
3/8/2024 10:06	54206 PENN_T2	37	6	-31	0.17	0.17	0	0	0	0	0	0	0	0	0
3/8/2024 10:06	56802 BENV_T2	222	301	79	0.35	0.25	-0.1	0	0	0	0	0	0	0	0
3/8/2024 10:07	42204 SHEN_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/8/2024 10:07	29401 BELT_T1	4	24	20	0.13	0.18	0.05	0	0	0	0	0	0	0	0
3/8/2024 10:08	42203 SHEN_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/8/2024 10:08	56802 BENV_T2	222	301	79	0.35	0.25	-0.1	0	0	0	0	0	0	0	0
3/8/2024 10:09	29402 BELT_T1	2	2	0	3.9	4.35	0.45	0	0	0	0	0	0	0	0
3/8/2024 10:09	56802 BENV_T2	222	301	79	0.35	0.25	-0.1	0	0	0	0	0	0	0	0
3/8/2024 10:10	56802 BENV_T2	222	301	79	0.35	0.25	-0.1	0	0	0	0	0	0	0	0
3/8/2024 10:13	47002 HUGH_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/8/2024 10:13	17804 GILB_T2	1	1	0	0.4	0.3	-0.1	0	0	0	0	0	0	0	0
3/8/2024 10:14	47002 HUGH_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/8/2024 10:16	25501 MADI_T1	2	0	-2	0.3	0	-0.3	0	0	0	0	0	0	0	0
3/8/2024 10:17	40601 PIGR_T1	168	219	51	0.35	0.49	0.14	0	0	0	0	0	0	0	0
3/8/2024 10:17	65004 NEFF_T2	4	4	0	0.43	0.3	-0.13	0	0	0	0	0	0	0	0
3/8/2024 10:17	64802 MONE_T2	19	42	23	0.33	0.52	0.19	0	0	0	0	0	0	0	0
3/8/2024 10:18	64301 LINC_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/8/2024 10:18	47401 PENS_T1	5	14	9	0.4	0.49	0.09	0	0	0	0	0	0	0	0
3/8/2024 10:19	42901 MIDD_T2	2	3	1	0.2	0.5	0.3	0	0	0	0	0	0	0	0
3/8/2024 10:19	57401 SPAN_T1	5	10	5	0.38	0.43	0.05	0	0	0	0	0	0	0	0
3/8/2024 10:19	56501 ROCK_T2	8	13	5	0.4	0.38	-0.02	0	0	0	0	0	0	0	0
3/8/2024 10:19	66701 STRA_T1	2	2	0	1.25	1.25	0	0	0	0	0	0	0	0	0
3/8/2024 10:20	40602 PIGR_T1	0	3	3	0	0.57	0.57	0	0	0	0	0	0	0	0
3/8/2024 10:20	65004 NEFF_T2	4	4	0	0.43	0.3	-0.13	0	0	0	0	0	0	0	0
3/8/2024 10:20	56503 ROCK_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/8/2024 10:21	47402 PENS_T1	1	1	0	0.4	0.4	0	0	0	0	0	0	0	0	0
3/8/2024 10:21	40602 PIGR_T1	0	3	3	0	0.57	0.57	0	0	0	0	0	0	0	0
3/8/2024 10:21	14401 SILV_T1	1	2	1	0.3	0.4	0.1	0	0	0	0	0	0	0	0
3/8/2024 10:22	43001 ALWD_T1	2	3	1	0.45	0.57	0.12	0	0	0	0	0	0	0	0
3/8/2024 10:22	14802 TREI_T2	48	66	18	0.35	0.32	-0.03	0	0	0	0	0	0	0	0
3/8/2024 10:22	52503 PROG_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/8/2024 10:23	46005 BERW_T1	2	1	-1	0.6	0.4	-0.2	0	0	0	0	0	0	0	0
3/8/2024 10:23	42201 SHEN_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/8/2024 10:23	67502 WEWI_T2	3	3	0	0.77	1.03	0.26	0	0	0	0	0	0	0	0
3/8/2024 10:23	29401 BELT_T1	12	35	23	0.15	0.19	0.04	0	0	0	0	0	0	0	0
3/8/2024 10:23	15001 BLMO_T1	2	3	1	0.3	0.4	0.1	0	0	0	0	0	0	0	0
3/8/2024 10:23	42701 AUGU_T1	1	2	1	0.8	0.85	0.05	0	0	0	0	0	0	0	0
3/8/2024 10:24	29401 BELT_T1	12	35	23

3/8/2024 10:41	54502 ENOL_T2	1	1	0	0.4	0.3	-0.1	0	0	0	0	0	0	0	0
3/8/2024 10:41	54502 ENOL_T2	1	1	0	0.4	0.3	-0.1	0	0	0	0	0	0	0	0
3/8/2024 10:41	20402 ASHF_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/8/2024 10:41	53903 HAU_T2	7	8	1	0.64	0.63	-0.01	0	0	0	0	0	0	0	0
3/8/2024 10:42	54506 ENOL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/8/2024 10:43	65005 NEFF_T2	2	2	0	0.7	0.7	0	0	0	0	0	0	0	0	0
3/8/2024 10:43	17801 GILB_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/8/2024 10:44	40101 HUNT_T2	1	3	-2	0.1	0.4	0.3	0	0	0	0	0	0	0	0
3/8/2024 10:45	17802 GILB_T1	4	5	1	0.48	0.78	0.3	0	0	0	0	0	0	0	0
3/8/2024 10:45	53901 HAU_T2	3	4	1	0.57	0.48	-0.09	0	0	0	0	0	0	0	0
3/8/2024 10:45	65503 MOJO_T2	12	38	26	0.43	0.36	-0.07	0	0	0	0	0	0	0	0
3/8/2024 10:46	46803 HEPB_T2	3	5	2	0.5	0.4	-0.1	0	0	0	0	0	0	0	0
3/8/2024 10:47	15704 TANN_T1	2	4	2	0.1	0.15	0.05	0	0	0	0	0	0	0	0
3/8/2024 10:48	58402 MORO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/8/2024 10:50	67203 TEHI_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/8/2024 10:50	65503 MOJO_T2	12	38	26	0.43	0.36	-0.07	0	0	0	0	0	0	0	0
3/8/2024 10:51	53901 HAU_T2	3	4	1	0.57	0.48	-0.09	0	0	0	0	0	0	0	0
3/8/2024 10:51	14802 TRIL_T2	57	71	14	0.34	0.31	-0.03	0	0	0	0	0	0	0	0
3/8/2024 10:51	20402 ASHF_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/8/2024 10:52	47403 PENS_T1	4	3	-1	0.45	0.47	0.02	0	0	0	0	0	0	0	0
3/8/2024 10:52	57401 SPAN_T1	10	25	15	0.39	0.53	0.14	0	0	0	0	0	0	0	0
3/8/2024 10:52	67203 TEHI_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/8/2024 10:52	43001 ALWD_T1	3	7	4	0.57	0.63	0.06	0	0	0	0	0	0	0	0
3/8/2024 10:53	20402 ASHF_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/8/2024 10:53	66501 SMAN_T2	2	2	0	0.8	1.15	0.35	0	0	0	0	0	0	0	0
3/8/2024 10:54	40902 JESH_T1	1	2	1	0.2	0.55	0.35	0	0	0	0	0	0	0	0
3/8/2024 10:54	65001 NEFF_T2	22	222	200	0.15	0.24	0.09	0	0	0	0	0	0	0	0
3/8/2024 10:54	43304 WATS_T2	0	1	1	0	0	0	0	0	0	0	0	0	0	0
3/8/2024 10:54	20403 ASHF_T2	52	30	-22	0.27	0.31	0.04	0	0	0	0	0	0	0	0
3/8/2024 10:54	46004 BERW_T2	2	2	0	0.25	0.4	0.15	0	0	0	0	0	0	0	0
3/8/2024 10:55	29401 BELT_T1	34	38	4	0.18	0.22	0.04	0	0	0	0	0	0	0	0
3/8/2024 10:55	60201 ATGL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/8/2024 10:56	60801 BUCK_T1	0	2	2	0	0.2	0.2	0	0	0	0	0	0	0	0
3/8/2024 10:56	54505 ENOL_T2	2	3	1	0.85	0.7	-0.15	0	0	0	0	0	0	0	0
3/8/2024 10:57	54502 ENOL_T2	1	4	3	0.3	0.28	-0.02	0	0	0	0	0	0	0	0
3/8/2024 10:57	54501 ENOL_T2	0	2	2	0	0.3	0.3	0	0	0	0	0	0	0	0
3/8/2024 10:57	23902 EFMO_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/8/2024 10:58	20401 ASHF_T2	5	2	-3	0.3	0.2	-0.1	0	0	0	0	0	0	0	0
3/8/2024 10:59	17802 GILB_T1	4	5	1	0.48	0.78	0.3	0	0	0	0	0	0	0	0
3/8/2024 10:59	59002 MIFF_T1	5	6	1	0.34	0.33	-0.01	0	0	0	0	0	0	0	0
3/8/2024 10:59	59302 MCAL_T1	4	4	0	0.45	0.45	0	0	0	0	0	0	0	0	0
3/8/2024 11:00	42902 MIDD_T2	36	35	-1	0.35	0.4	0.05	0	0	0	0	0	0	0	0
3/8/2024 11:00	28701 HAML_T2	1	3	2	0.9	0.57	-0.33	0	0	0	0	0	0	0	0
3/8/2024 11:00	59302 MCAL_T1	4	4	0	0.45	0.58	0.13	0	0	0	0	0	0	0	0
3/8/2024 11:00	17801 GILB_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/8/2024 11:01	64305 LINC_T1	2	3	1	0.15	0.33	0.18	0	0	0	0	0	0	0	0
3/8/2024 11:02	64902 MILL_T2	1	1	0	0.2	0.2	0	0	0	0	0	0	0	0	0
3/8/2024 11:02	64802 MONE_T2	46	32	-14	0.54	0.37	-0.17	0	0	0	0	0	0	0	0
3/8/2024 11:02	40101 HUNT_T2	1	5	4	0.4	0.32	-0.08	0	0	0	0	0	0	0	0
3/8/2024 11:03	65003 NEFF_T2	37	71	34	0.22	0.2	-0.02	0	0	0	0	0	0	0	0
3/8/2024 11:04	56501 ROCK_T2	10	16	6	0.42	0.44	0.02	0	0	0	0	0	0	0	0
3/8/2024 11:04	57403 SPAN_T1	24	118	94	0.3	0.28	-0.02	0	0	0	0	0	0	0	0
3/8/2024 11:04	57401 SPAN_T1	14	26	12	0.5	0.9	0.4	0	0	0	0	0	0	0	0
3/8/2024 11:05	55001 NEWP_T1	2	4	2	0.8	0.53	-0.27	0	0	0	0	0	0	0	0
3/8/2024 11:05	57403 SPAN_T1	24	118	94	0.3	0.28	-0.02	0	0	0	0	0	0	0	0
3/8/2024 11:05	43802 SWIL_T1	1	1	0	0.2	0.3	0.1	0	0	0	0	0	0	0	0
3/8/2024 11:05	57401 SPAN_T1	14	26	12	0.5	0.9	0.4	0	0	0	0	0	0	0	0
3/8/2024 11:06	43801 SWIL_T1	34	59	25	0.38	0.29	-0.09	0	0	0	0	0	0	0	0
3/8/2024 11:06	56504 ROCK_T2	5	6	1	0.66	0.63	-0.03	0	0	0	0	0	0	0	0
3/8/2024 11:06	44601 SALE_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/8/2024 11:07	56503 ROCK_T2	0	1	1	0	0.1	0.1	0	0	0	0	0	0	0	0
3/8/2024 11:08	57403 SPAN_T1	24	118	94	0.3	0.28	-0.02	0	0	0	0	0	0	0	0
3/8/2024 11:10	43802 SWIL_T1	1	1	0	0.2	0.3	0.1	0	0	0	0	0	0	0	0
3/8/2024 11:11	54504 ENOL_T2	0	3	3	0	0.3	0.3	0	0	0	0	0	0	0	0
3/8/2024 11:12	46002 BERW_T2	1	0	-1	0.5	0	-0.5	0	0	0	0	0	0	0	0
3/8/2024 11:12	54505 ENOL_T2	2	3	1	0.85	0.53	-0.32	0	0	0	0	0	0	0	0
3/8/2024 11:12	54505 ENOL_T2	2	3	1	0.85	0.53	-0.32	0	0	0	0	0	0	0	0
3/8/2024 11:12	54501 ENOL_T2	0	2	2	0	0.3	0.3	0	0	0	0	0	0	0	0
3/8/2024 11:13	54505 ENOL_T2	2	3	1	0.85	0.53	-0.32	0	0	0	0	0	0	0	0
3/8/2024 11:13	54504 ENOL_T2	0	3	3	0	0.3	0.3	0	0	0	0	0	0	0	0
3/8/2024 11:14	54504 ENOL_T2	0	3	3	0	0.3	0.3	0	0	0	0	0	0	0	0
3/8/2024 11:14	54505 ENOL_T2	2	3	1	0.85	0.53	-0.32	0	0	0	0	0	0	0	0
3/8/2024 11:14	54504 ENOL_T2	0	3	3	0	0.3	0.3	0	0	0	0	0	0	0	0
3/8/2024 11:15	54503 ENOL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/8/2024 11:15	50201 HARR_T3	1	1	0	9.4	8.8	-0.6	0	0	0	0	0	0	0	0
3/8/2024 11:15	54504 ENOL_T2	3	2	-1	0.3	0.15	-0.15	0	0	0	0	0	0	0	0
3/8/2024 11:16	42902 MIDD_T2	29	52	23	0.35	0.43	0.08	0	0	0	0	0	0	0	0
3/8/2024 11:17	55002 NEWP_T1	8	10	2	0.75	0.8	0.05	0	0	0	0	0	0	0	0
3/8/2024 11:18	54504 ENOL_T2	3	2	-1	0.3	0.15	-0.15	0	0	0	0	0	0	0	0
3/8/2024 11:19	65004 NEFF_T2	9	16	7	0.41	0.34	-0.07	0	0	0	0	0	0	0	0
3/8/2024 11:19	46701 RENO_T1	92	8	-84	0.34	1.36	1.02	0	0	0	0	0	0	0	0
3/8/2024 11:21	44601 SALE_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/8/2024 11:22	66701 STRA_T1	3	3	0	1.2	1.17	-0.03	0	0	0	0	0	0	0	0
3/8/2024 11:22	67604 WARW_T1	2	2	0	0.1	0.15	0.05	0	0	0	0	0	0	0	0
3/8/2024 11:22	40602 PIGR_T1	2	2	0	0.7	0.55	-0.15	0	0	0	0	0	0	0	0
3/8/2024 11:22	45402 WBLO_T2	28	48	20	0.25	0.27	0.02	0	0	0	0	0	0	0	0
3/8/2024 11:22	44601 SALE_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/8/2024 11:25	42701 AUGU_T1	3	5	2	0.87	0.6	-0.27	0	0	0	0	0	0	0	0
3/8/2024 11:26	46204 DANV_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/8/2024 11:27	54506 ENOL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/8/2024 11:27	46206 DANV_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/8/2024 11:28	54502 ENOL_T2	4	2	-2	0.28	0.3	0.02	0	0	0	0	0	0	0	0
3/8/2024 11:28	46602 LACR_T1	6	7	1	0.6	0.87	0.27	0	0	0	0	0	0	0	0
3/8/2024 11:29	25503 MADI_T1	0	2	2	0	0.2	0.2	0	0	0	0	0	0	0	0
3/8/2024 11:30	54503 ENOL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/8/2024 11:30	58401 MORO_T1	3	3	0	0.23	0.3	0.07	0	0	0	0	0	0	0	0
3/8/2024 11:31	58402 MORO_T1	1	1	0	0.2	0.2	0	0	0	0	0	0	0	0	0
3/8/2024 11:32	42001 MNVL_T2	4	4	0	0.25	0.4	0.15	0	0	0	0	0	0	0	0
3/8/2024 11:32	65502 MOJO_T2	0	1	1	0	0.1	0.1	0	0	0	0	0	0	0	0
3/8/2024 11:33	40603 PIGR_T1	3	3	0	0.4	0.33	-0.07	0	0	0	0	0	0	0	0
3/8/2024 11:33	65503 MOJO_T2	4	35	31	0.75	0.48	-0.27	0	0	0	0	0	0	0	0
3/8/2024 11:35	58402 MORO_T1	1	1	0	0.2	0.2	0	0	0	0	0	0	0	0	0
3/8/2024 11:35	54001 SDLE_T1	12	12	0	0.74	0.76	0.02	0	0	0	0	0	0	0	0
3/8/2024 11:36	67502 WEWI_T2	10	14	4	0.44	0.44	0	0	0	0	0	0	0	0	0
3/8/2024 11:36	64101 REPB_T1	6	8	2	0.5	0.59	0.09	0	0	0	0	0	0	0	0
3/8/2024 11:36	17002 RIRO_T2	13	17	4	0.33	0.26	-0.07	0	0	0	0	0	0	0	0
3/8/2024 11:37	54001 SDLE_T1	12	12	0	0.74	0.76	0.02	0	0	0	0	0	0	0	0
3/8/2024 11:37	67001 STHI_T2	7	9	2	0.4	0.38	-0.02	0	0	0	0	0	0	0	0
3/8/2024 11:38	67603 WARW_T1	2	5	3	0.75	0.58	-0.17	0	0	0	0	0	0	0	0
3/8/2024 11:38	67502 WEWI_T2	10	14	4	0.44	0.44	0	0	0	0	0	0	0	0	0
3/8/2024 11:39	46004 BERW_T2	1	4	3	0.5	0.4	-0.1	0	0	0	0	0	0	0	0
3/8/2024 11:39	60801 BUCK_T1	2	4	2	0.15	0.28	0.13	0	0	0	0	0	0	0	0
3/8/2024 11:40	42701 AUGU_T1	5	5	0	0.58	0.54	-0.04	0	0	0	0	0	0	0	0
3/8/2024 11:41	46004 BERW_T2	1	4	3	0.5	0.4	-0.1	0	0	0	0	0	0	0	0
3/8/2024 11:41	62606 ENGL_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/8/2024 11:41	42701 AUGU_T1	5	5	0	0.58	0.54	-0.04	0	0	0	0	0	0	0	0
3/8/2024 11:41	46005 BERW_T1	0	1	1	0	0.7	0.7	0	0	0	0	0	0	0	0
3/8/2024 11:42	17802 GILB_T1	4	6	2	0.88	0.7	-0.18	0	0	0	0	0	0	0	0
3/8/2024 11:42	42701 AUGU_T1	5	5	0	0.58	0.54	-0.04	0	0	0	0	0	0	0	0
3/8/2024 11:43	17804 GILB_T2	5	2	-3	0.4	0.55	0.15	0	0	0	0	0	0	0	0
3/8/2024 11:45	25503 MADI_T1	1	3	2	0.4	0.6	0.2	0	0	0	0	0	0	0	0
3/8/2024 11:46	59301 MCAL_T1	6	16	10	0.92	0.53	-0.39	0	0	0	0	0	0	0	0
3/8/2024 11:46	58401 MORO_T1	3	2	-1	0.23	0.4	0.17	0	0	0	0	0	0	0	0
3/8/2024 11:46	17801 GILB_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/8/2024 11:46	59302 MCAL_T1	3	4	1	0.57	0.45	-0.12	0	0	0	0	0	0	0	0
3/8/2024 11:46	58401 MORO_T1	3	2	-1	0.23	0.4	0.17	0	0	0	0	0	0	0	0
3/8/2024 11:47	58402 MORO_T1	0	2	2	0	0.25	0.25	0	0	0	0	0	0	0	0
3/8/2024 11:47	59001 MIFF_T1	1	3	2	0.5	0.57	0.07	0	0	0	0	0	0	0	0
3/8/2024 11:47	56503 ROCK_T2	1	1	0	0.1	0.2	0.1	0	0	0	0	0	0	0	0
3/8/2024 11:48	13201 PALM_T1	232	290	58	0.28	0.33	0.05	0	0	0	0	0	0	0	0
3/8/2024 11:49	64903 MILL_T2	1	1	0	0.4	0.2	-0.2	0	0	0	0	0	0	0	0
3/8/2024 11:49	50202 HARR_T3	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/8/2024 11:49	56501 ROCK_T2	12	39	27	0.45	0.32	-0.13	0	0	0	0	0	0	0	0
3/8/2024 11:49	43201 MVIL_T2	1	1	0	0.5	0.7	0.2	0	0	0	0	0	0	0	0
3/8/2024 11:50	56504 ROCK_T2	5	7	2	0.82	0.57	-0.25	0	0	0	0	0	0	0	0
3/8/2024 11:50	43202 MVIL_T2	47	60	13	0.24	0.4	0.16	0	0	0	0	0	0	0	0
3/8/2024 11:50	56504 ROCK_T2	5	7	2	0.82	0.57	-0.25	0	0	0	0	0	0	0	0
3/8/2024 11:50	43202 MVIL_T2	47	60	13	0.24	0.4	0.16	0	0	0	0	0	0	0	0
3/8/2024 11:50	42803 SELI_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/8/2024 11:51	56503 ROCK_T2	1	1	0	0.1	0.2	0.1	0	0	0	0	0	0	0	0
3/8/2024 11:51	42802 SELI_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/8/2024 11:52	56503 ROCK_T2	1	1	0	0.1	0.2	0.1	0	0	0	0	0	0	0	0
3/8/2024 11:53	56501 ROCK_T2	12	39	27	0.45	0.32	-0.13	0	0	0	0	0	0	0	0
3/8/2024 11:53	26002 WDAM_T1	5	7	2	0.96	0.73	-0.23	0	0	0	0	0	0	0	0
3/8/2024 11:54	67605 WARW_T1	62	146	84	0.66	0.5	-0.16	0	0	0	0	0	0	0	0
3/8/2024 11:55	55101 WERT_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/8/2024 11:56	17801 GILB_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/8/2024 11:57	46205 DANV_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/8/2024 11:58	17801 GILB_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/8/2024 11:58	46204 DANV_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/8/2024 11:58	17804 GILB_T2	2	6	4	0.45	0.38	-0.07	0	0	0	0	0	0	0	0
3/8/2024 11:59	46204 DANV_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/8/2024 12:01	25503 MADI_T1	3	3	0	0.57	0.6	0.03	0	0	0	0	0	0	0	0
3/8/2024 12:01	58401 MORO_T1	2	4	2	0.35	0.33	-0.02	0	0	0	0	0	0	0	0
3/8/2024 12:02	59002 MIFF_T1	6	8	2	0.28	0.69	0.41	0	0	0	0	0	0	0	0
3/8/2024 12:03	17801 GILB_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/8/2024 12:04	65502 MOJO_T2	1	0	-1	0.1	0	-0.1	0	0	0	0	0	0	0	0
3/8/2024 12:04	58401 MORO_T1	2	4	2	0.35	0.33	-0.02	0	0	0	0	0	0	0	0
3/8/2024 12:04	42002 MNVL_T2	2	2	0	2.85	2.6	-0.25	0	0	0	0	0	0	0	0
3/8/2024 12:05	43201 MVIL_T2	1	1	0	0.5	0.7	0.2	0	0	0	0	0	0	0	0
3/8/2024 12:05	65502 MOJO_T2	1	0	-1	0.1	0	-0.1	0	0	0	0	0	0	0	0
3/8/2024 12:05	67002 STHI_T2	26	32	6	0.38	0.35	-0.03	0	0	0	0	0	0	0	0
3/8/2024 12:05	43201 MVIL_T2	1	1	0	0.5	0.7	0.2	0	0	0	0	0	0	0	0
3/8/2024 12:05	58401 MORO_T1	2	4	2	0.35	0.33	-0.02	0	0	0	0	0	0	0	0
3/8/2024 12:06	43202 MVIL_T2	57	60	3	0.35	0.4	0.05	0	0	0	0	0	0	0	0
3/8/2024 12:08	67002 STHI_T2	26	32	6	0.38	0.35	-0.03	0	0	0	0	0	0	0	0
3/8/2024 12:08	65004 NEFF_T2	19	66	47	0.35	0.2	-0.15	0	0	0	0	0	0	0	0
3/8/2024 12:08	58003 WCAR_T1	1	1	0	0.5	0.7	0.2	0	0	0	0	0	0	0	0
3/8/2024 12:09	67001 STHI_T2	9	12	3	0.38	0.34	-0.04	0	0	0	0	0	0	0	0
3/8/2024 12:09	58003 WCAR_T1	1	1	0	0.5	0.7	0.2	0	0	0	0	0	0	0	0
3/8/2024 12:12	17801 GILB_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/8/2024 12:14	50503 MECH_T1	1	3	2	0.9	0.47	-0.43	0	0	0	0	0	0	0	0
3/8/2024 12:14	17801 GILB_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/8/2024 12:14	17805 GILB_T2	3	4	1	2	0.5	-1.5	0	0	0	0	0	0	0	0
3/8/2024 12:18	59402 RFLD_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/8/2024 12:19	54206 PENN_T2	11	11	0	0.29	0.31	0.02	0	0	0	0	0	0	0	0
3/8/2024 12:19	44601 SALE_T2	1	4	3	0.4	0.48	0.08	0	0	0	0	0	0	0	0
3/8/2024 12:20	42001 MNVL_T2	7	10	3	0.5	0.4	-0.1	0	0	0	0	0	0	0	0
3/8/2024 12:23	59201 THOM_T1	2	1	-1	0.95	1.5	0.55	0	0	0	0	0	0	0	0
3/8/2024 12:28	59301 MCAL_T1	6	6	0	0.98	0.73	-0.25	0	0	0	0	0	0	0	0
3/8/2024 12:29

3/8/2024 13:43	24105 EHAZ_T1	4	4	0	5.5	5.35	-0.15	0	0	0	0	0	0	0	0
3/8/2024 13:49	24104 EHAZ_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/8/2024 13:54	61101 BERK_T5	2	2	0	0.45	0.55	0.1	0	0	0	0	0	0	0	0
3/8/2024 13:54	46202 DANV_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/8/2024 13:55	42401 GIMA_T1	2	2	0	0.25	0.2	-0.05	0	0	0	0	0	0	0	0
3/8/2024 13:59	24103 EHAZ_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/8/2024 14:02	65001 NEFF_T2	232	249	17	0.3	0.45	0.15	0	0	0	0	0	0	0	0
3/8/2024 14:02	54206 PENN_T2	8	47	39	0.23	0.14	-0.09	0	0	0	0	0	0	0	0
3/8/2024 14:03	17002 RIRO_T2	25	45	20	0.25	0.18	-0.07	0	0	0	0	0	0	0	0
3/8/2024 14:04	24104 EHAZ_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/8/2024 14:04	56503 ROCK_T2	1	0	-1	0.2	0	-0.2	0	0	0	0	0	0	0	0
3/8/2024 14:05	67002 STHI_T2	33	54	21	0.3	0.21	-0.09	0	0	0	0	0	0	0	0
3/8/2024 14:06	56501 ROCK_T2	42	55	13	0.35	0.27	-0.08	0	0	0	0	0	0	0	0
3/8/2024 14:06	67002 STHI_T2	33	54	21	0.3	0.21	-0.09	0	0	0	0	0	0	0	0
3/8/2024 14:06	14403 SSLA_T1	53	68	15	0.58	0.41	-0.17	0	0	0	0	0	0	0	0
3/8/2024 14:06	67203 TEHI_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/8/2024 14:07	42802 SELI_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/8/2024 14:07	18001 ZION_T1	3	2	-1	0.43	0.7	0.27	0	0	0	0	0	0	0	0
3/8/2024 14:08	14402 SSLA_T1	588	619	31	0.5	0.53	0.03	0	0	0	0	0	0	0	0
3/8/2024 14:08	15103 UPHA_T2	4	6	2	0.68	0.58	-0.1	0	0	0	0	0	0	0	0
3/8/2024 14:08	42802 SELI_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/8/2024 14:08	59302 MCAL_T1	0	1	1	0	0	0	0	0	0	0	0	0	0	0
3/8/2024 14:08	40902 JESH_T1	6	5	-1	0.25	0.28	0.03	0	0	0	0	0	0	0	0
3/8/2024 14:08	44302 BEAV_T2	100	237	137	0.35	0.48	0.13	0	0	0	0	0	0	0	0
3/8/2024 14:09	67203 TEHI_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/8/2024 14:09	67002 STHI_T2	33	54	21	0.3	0.21	-0.09	0	0	0	0	0	0	0	0
3/8/2024 14:09	60701 BREC_T1	3	4	1	0.2	0.25	0.05	0	0	0	0	0	0	0	0
3/8/2024 14:10	60701 BREC_T1	3	4	1	0.2	0.25	0.05	0	0	0	0	0	0	0	0
3/8/2024 14:11	67603 WARW_T1	2	3	1	0.5	0.6	0.1	0	0	0	0	0	0	0	0
3/8/2024 14:12	25502 MADI_T1	1	0	-1	0.2	0	-0.2	0	0	0	0	0	0	0	0
3/8/2024 14:13	53901 HALI_T2	1	1	0	1.1	1.4	0.3	0	0	0	0	0	0	0	0
3/8/2024 14:14	28805 LAKE_T1	10	14	4	0.2	0.22	0.02	0	0	0	0	0	0	0	0
3/8/2024 14:14	64301 LINC_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/8/2024 14:14	53901 HALI_T2	1	1	0	1.1	1.4	0.3	0	0	0	0	0	0	0	0
3/8/2024 14:15	17803 GILB_T2	6	7	1	0.27	0.21	-0.06	0	0	0	0	0	0	0	0
3/8/2024 14:15	64301 LINC_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/8/2024 14:15	53903 HALI_T2	7	7	0	0.76	0.67	-0.09	0	0	0	0	0	0	0	0
3/8/2024 14:16	43201 MVIL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/8/2024 14:16	53903 HALI_T2	7	7	0	0.76	0.67	-0.09	0	0	0	0	0	0	0	0
3/8/2024 14:16	53903 HALI_T2	7	7	0	0.76	0.67	-0.09	0	0	0	0	0	0	0	0
3/8/2024 14:17	43202 MVIL_T2	81	88	7	0.41	0.59	0.18	0	0	0	0	0	0	0	0
3/8/2024 14:17	53901 HALI_T2	1	1	0	1.3	1.4	0.1	0	0	0	0	0	0	0	0
3/8/2024 14:17	28805 LAKE_T1	6	16	10	0.2	0.21	0.01	0	0	0	0	0	0	0	0
3/8/2024 14:17	15704 TANN_T1	3	3	0	0.33	0.3	-0.03	0	0	0	0	0	0	0	0
3/8/2024 14:18	53903 HALI_T2	7	7	0	0.76	0.67	-0.09	0	0	0	0	0	0	0	0
3/8/2024 14:18	58401 MORO_T1	1	0	-1	0.1	0	-0.1	0	0	0	0	0	0	0	0
3/8/2024 14:18	52503 PROG_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/8/2024 14:18	58401 MORO_T1	1	0	-1	0.1	0	-0.1	0	0	0	0	0	0	0	0
3/8/2024 14:19	56503 ROCK_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/8/2024 14:19	54001 SDLE_T1	9	9	0	1.08	1.14	0.06	0	0	0	0	0	0	0	0
3/8/2024 14:19	58402 MORO_T1	1	0	-1	0.2	0	-0.2	0	0	0	0	0	0	0	0
3/8/2024 14:19	56501 ROCK_T2	55	59	4	0.27	0.24	-0.03	0	0	0	0	0	0	0	0
3/8/2024 14:20	56503 ROCK_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/8/2024 14:20	44601 SALE_T2	1	1	0	0.2	0.5	0.3	0	0	0	0	0	0	0	0
3/8/2024 14:20	54001 SDLE_T1	9	9	0	1.08	1.14	0.06	0	0	0	0	0	0	0	0
3/8/2024 14:21	67001 STHI_T2	286	319	33	0.16	0.16	0	0	0	0	0	0	0	0	0
3/8/2024 14:21	67605 WARW_T1	219	114	-105	0.37	0.56	0.19	0	0	0	0	0	0	0	0
3/8/2024 14:22	20403 ASHF_T2	4	6	2	0.4	0.45	0.05	0	0	0	0	0	0	0	0
3/8/2024 14:22	42801 SELI_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/8/2024 14:22	67201 TEHI_T1	3	115	112	0.23	0.46	0.23	0	0	0	0	0	0	0	0
3/8/2024 14:22	14404 SSLA_T1	529	564	35	0.45	0.43	-0.02	0	0	0	0	0	0	0	0
3/8/2024 14:22	56504 ROCK_T2	6	2	-4	0.23	0.2	-0.03	0	0	0	0	0	0	0	0
3/8/2024 14:22	67002 STHI_T2	52	54	2	0.22	0.19	-0.03	0	0	0	0	0	0	0	0
3/8/2024 14:22	43202 MVIL_T2	81	88	7	0.41	0.59	0.18	0	0	0	0	0	0	0	0
3/8/2024 14:23	16302 ALPA_T2	2	1	-1	0.4	0.1	-0.3	0	0	0	0	0	0	0	0
3/8/2024 14:23	42803 SELI_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/8/2024 14:23	20401 ASHF_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/8/2024 14:24	14403 SSLA_T1	52	75	23	0.49	0.36	-0.13	0	0	0	0	0	0	0	0
3/8/2024 14:24	56501 ROCK_T2	55	59	4	0.27	0.24	-0.03	0	0	0	0	0	0	0	0
3/8/2024 14:24	17002 RIRO_T2	35	64	29	0.18	0.17	-0.01	0	0	0	0	0	0	0	0
3/8/2024 14:24	20403 ASHF_T2	4	6	2	0.4	0.45	0.05	0	0	0	0	0	0	0	0
3/8/2024 14:24	41602 CLEV_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/8/2024 14:24	44301 BEAV_T2	1	3	2	0.4	0.47	0.07	0	0	0	0	0	0	0	0
3/8/2024 14:24	43301 WATS_T2	0	2	2	0	0.45	0.45	0	0	0	0	0	0	0	0
3/8/2024 14:24	60801 BUCK_T1	1	1	0	0.2	0.2	0	0	0	0	0	0	0	0	0
3/8/2024 14:24	20401 ASHF_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/8/2024 14:25	20402 ASHF_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/8/2024 14:25	46204 DANV_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/8/2024 14:25	54502 ENOL_T2	8	6	-2	0.19	0.2	0.01	0	0	0	0	0	0	0	0
3/8/2024 14:25	67002 STHI_T2	52	54	2	0.22	0.19	-0.03	0	0	0	0	0	0	0	0
3/8/2024 14:25	44301 BEAV_T2	1	3	2	0.4	0.47	0.07	0	0	0	0	0	0	0	0
3/8/2024 14:25	26001 WDAM_T1	1	7	6	0.2	0.36	0.16	0	0	0	0	0	0	0	0
3/8/2024 14:25	16302 ALPA_T2	2	1	-1	0.4	0.1	-0.3	0	0	0	0	0	0	0	0
3/8/2024 14:25	60701 BREC_T1	4	2	-2	0.18	0.35	0.17	0	0	0	0	0	0	0	0
3/8/2024 14:26	54502 ENOL_T2	8	6	-2	0.19	0.2	0.01	0	0	0	0	0	0	0	0
3/8/2024 14:26	46206 DANV_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/8/2024 14:26	54503 ENOL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/8/2024 14:26	44302 BEAV_T2	121	237	116	0.32	0.48	0.16	0	0	0	0	0	0	0	0
3/8/2024 14:26	43304 WATS_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/8/2024 14:26	27502 WEIS_T2	2	3	1	0.2	0.13	-0.07	0	0	0	0	0	0	0	0
3/8/2024 14:26	60701 BREC_T1	4	2	-2	0.18	0.35	0.17	0	0	0	0	0	0	0	0
3/8/2024 14:26	16302 ALPA_T2	2	1	-1	0.4	0.1	-0.3	0	0	0	0	0	0	0	0
3/8/2024 14:27	54504 ENOL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/8/2024 14:27	40101 HUNT_T2	1	1	0	0.2	0.1	-0.1	0	0	0	0	0	0	0	0
3/8/2024 14:27	54504 ENOL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/8/2024 14:27	54505 ENOL_T2	2	2	0	0.8	0.6	-0.2	0	0	0	0	0	0	0	0
3/8/2024 14:27	46004 BERW_T2	4	10	6	0.35	0.19	-0.16	0	0	0	0	0	0	0	0
3/8/2024 14:27	53902 HALI_T2	3	2	-1	2.13	3.1	0.97	0	0	0	0	0	0	0	0
3/8/2024 14:27	16302 ALPA_T2	2	1	-1	0.4	0.1	-0.3	0	0	0	0	0	0	0	0
3/8/2024 14:27	20403 ASHF_T2	4	6	2	0.4	0.45	0.05	0	0	0	0	0	0	0	0
3/8/2024 14:28	54502 ENOL_T2	8	6	-2	0.19	0.2	0.01	0	0	0	0	0	0	0	0
3/8/2024 14:28	53902 HALI_T2	3	2	-1	2.13	3.1	0.97	0	0	0	0	0	0	0	0
3/8/2024 14:28	41601 CLEV_T1	1	1	0	0.5	0.5	0	0	0	0	0	0	0	0	0
3/8/2024 14:28	54501 ENOL_T2	0	2	2	0	0.1	0.1	0	0	0	0	0	0	0	0
3/8/2024 14:28	53901 HALI_T2	1	1	0	1.3	1.4	0.1	0	0	0	0	0	0	0	0
3/8/2024 14:29	54501 ENOL_T2	0	2	2	0	0.1	0.1	0	0	0	0	0	0	0	0
3/8/2024 14:29	54506 ENOL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/8/2024 14:29	40101 HUNT_T2	1	1	0	0.2	0.1	-0.1	0	0	0	0	0	0	0	0
3/8/2024 14:30	53903 HALI_T2	7	4	-3	0.67	0.95	0.28	0	0	0	0	0	0	0	0
3/8/2024 14:30	58402 MORO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/8/2024 14:30	40101 HUNT_T2	1	0	-1	0.1	0	-0.1	0	0	0	0	0	0	0	0
3/8/2024 14:30	52006 LING_T2	3	3	0	0.7	0.7	0	0	0	0	0	0	0	0	0
3/8/2024 14:30	64303 LINC_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/8/2024 14:30	64903 MILL_T2	1	0	-1	0.1	0	-0.1	0	0	0	0	0	0	0	0
3/8/2024 14:30	17805 GILB_T2	3	1	-2	0.2	0.2	0	0	0	0	0	0	0	0	0
3/8/2024 14:31	53901 HALI_T2	1	1	0	1.4	1.3	-0.1	0	0	0	0	0	0	0	0
3/8/2024 14:31	42901 MIDD_T2	199	89	-110	0.35	0.25	-0.1	0	0	0	0	0	0	0	0
3/8/2024 14:31	54505 ENOL_T2	2	2	0	0.6	0.7	0.1	0	0	0	0	0	0	0	0
3/8/2024 14:31	65503 MOJO_T2	2	2	0	0.8	0.5	-0.3	0	0	0	0	0	0	0	0
3/8/2024 14:31	42903 MIDD_T2	9	2	-7	0.76	2.05	1.29	0	0	0	0	0	0	0	0
3/8/2024 14:31	53903 HALI_T2	7	4	-3	0.67	0.95	0.28	0	0	0	0	0	0	0	0
3/8/2024 14:32	52004 LING_T2	1	1	0	1.1	1	-0.1	0	0	0	0	0	0	0	0
3/8/2024 14:32	43202 MVIL_T2	85	95	10	0.51	0.79	0.28	0	0	0	0	0	0	0	0
3/8/2024 14:32	40101 HUNT_T2	1	0	-1	0.1	0	-0.1	0	0	0	0	0	0	0	0
3/8/2024 14:33	43202 MVIL_T2	85	95	10	0.51	0.79	0.28	0	0	0	0	0	0	0	0
3/8/2024 14:33	15701 TANN_T1	2	2	0	2.6	2.5	-0.1	0	0	0	0	0	0	0	0
3/8/2024 14:33	43202 MVIL_T2	85	95	10	0.51	0.79	0.28	0	0	0	0	0	0	0	0
3/8/2024 14:33	65005 NEFF_T2	1	1	0	1	0.8	-0.2	0	0	0	0	0	0	0	0
3/8/2024 14:33	64801 MONE_T2	141	134	-7	0.3	0.33	0.03	0	0	0	0	0	0	0	0
3/8/2024 14:33	54206 PENN_T2	47	34	-13	0.14	0.15	0.01	0	0	0	0	0	0	0	0
3/8/2024 14:33	46101 MACI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/8/2024 14:34	54502 ENOL_T2	5	5	0	0.22	0.26	0.04	0	0	0	0	0	0	0	0
3/8/2024 14:34	58401 MORO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/8/2024 14:34	58401 MORO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/8/2024 14:35	65002 NEFF_T2	5	8	3	0.16	0.13	-0.03	0	0	0	0	0	0	0	0
3/8/2024 14:35	56501 ROCK_T2	13	60	47	0.64	0.25	-0.39	0	0	0	0	0	0	0	0
3/8/2024 14:35	26001 WDAM_T1	7	4	-3	0.31	0.35	0.04	0	0	0	0	0	0	0	0
3/8/2024 14:35	57403 SPAN_T1	42	91	49	0.25	0.2	-0.05	0	0	0	0	0	0	0	0
3/8/2024 14:35	64802 MONE_T2	28	27	-1	0.18	0.14	-0.04	0	0	0	0	0	0	0	0
3/8/2024 14:35	42902 MIDD_T2	112	62	-50	0.52	0.5	-0.02	0	0	0	0	0	0	0	0
3/8/2024 14:35	15203 SFAR_T2	84	20	-64	0.21	0.4	0.19	0	0	0	0	0	0	0	0
3/8/2024 14:35	54001 SDLE_T1	9	9	0	1	1.14	0.14	0	0	0	0	0	0	0	0
3/8/2024 14:35	17002 RIRO_T2	29	69	40	0.21	0.16	-0.05	0	0	0	0	0	0	0	0
3/8/2024 14:36	57401 SPAN_T1	8	5	-3	0.55	0.68	0.13	0	0	0	0	0	0	0	0
3/8/2024 14:36	27502 WEIS_T2	3	0	-3	0.13	0	-0.13	0	0	0	0	0	0	0	0
3/8/2024 14:36	54206 PENN_T2	47	34	-13	0.14	0.15	0.01	0	0	0	0	0	0	0	0
3/8/2024 14:36	42903 MIDD_T2	9	2	-7	0.76	2.05	1.29	0	0	0	0	0	0	0	0
3/8/2024 14:36	44601 SALE_T2	1	1	0	0.5	0.6	0.1	0	0	0	0	0	0	0	0
3/8/2024 14:36	42001 MNVL_T2	8	11	3	0.21	0.23	0.02	0	0	0	0	0	0	0	0
3/8/2024 14:37	67603 WARW_T1	2	2	0	0.15	0.6	0.45	0	0	0	0	0	0	0	0
3/8/2024 14:37	67503 WEWI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/8/2024 14:37	16301 ALPA_T1	56	129	73	0.22	0.18	-0.04	0	0	0	0	0	0	0	0
3/8/2024 14:37	16302 ALPA_T2	1	0	-1	0.1	0	-0.1	0	0	0	0	0	0	0	0
3/8/2024 14:38	40902 JESH_T1	5	24	19	0.26	0.16	-0.1	0	0	0	0	0	0	0	0
3/8/2024 14:38	14401 SSLA_T1	369	469	100	0.26	0.27	0.01	0	0	0	0	0	0	0	0
3/8/2024 14:38	18001 ZION_T1	2	3	1	0.7	0.6	-0.1	0	0	0	0	0	0	0	0
3/8/2024 14:38	10805 CHHI_T2	1	1	0	7.7	7.5	-0.2	0	0	0	0	0	0	0	0
3/8/2024 14:38	41602 CLEV_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/8/2024 14:38	16302 ALPA_T2	1	0	-1	0.1	0	-0.1	0	0	0	0	0	0	0	0
3/8/2024 14:38	57401 SPAN_T1	8	5	-3	0.55	0.68	0.13	0	0	0	0	0	0	0	0
3/8/2024 14:39	14403 SSLA_T1	61	59	-2	0.4	0.37	-0.03	0	0	0	0	0	0	0	0
3/8/2024 14:39	40901 JESH_T1	3	6	3	0.2	0.17	-0.03	0	0	0	0	0	0	0	0
3/8/2024 14:39	14401 SSLA_T1	369	469	100	0.26	0.27	0.01	0	0	0	0	0	0	0	0
3/8/2024 14:39	26002 WDAM_T1	2	4	2	0.6	0.83	0.23	0	0	0	0	0	0	0	0
3/8/2024 14:39	20402 ASHF_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/8/2024 14:39	67503 WEWI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/8/2024 14:40	67503 WEWI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/8/2024 14:40	60801 BUCK_T1	1	0	-1	0.2	0	-0.2	0	0	0	0	0	0	0	0
3/8/2024 14:40	41602 CLEV_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/8/2024 14:40	43303 WATS_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/8/2024 14:40	14401 SSLA_T1	369	469	100	0.26	0.27	0.01	0	0	0	0	0	0	0	0
3/8/2024 14:40	46002 BERW_T2	1	7	6	0.1	0.17	0.07	0	0	0	0	0	0	0	0
3/8/2024 14:41	20402 ASHF_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/8/2024 14:41	46202 DANV_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/8/2024 14:41	67502 WEWI_T2	51	34	-17	0.18	0.18	0	0	0	0	0	0	0	0	0
3/8/2024 14:41	46004 BERW_T2	10	16	6	0.19	0.19	0	0	0	0	0	0	0	0	0
3/8/2024 14:41	60701 BREC_T1	2	0	-2	0.35	0	-0.35	0	0	0	0	0	0	0	0
3/8/2024 14:41	16302 ALPA_T2	1	0	-1	0.1	0	-0.1	0	0	0	0	0	0	0	0
3/8/2024 14:41	60801 BUCK_T1	1	0	-1	0.2	0	-0.2	0	0	0	0	0	0	0	0
3/8/2024 14:42	54505 ENOL_T2	2	2	0	0.6	0.7	0.1	0	0	0	0	0	0	0	0
3/8/2024 14:42	43301 WATS_T2	2	1	-1	0.45	0.3	-0.15	0	0

3/8/2024 14:54	46003 BERW_T2	0	25	25	0	0.14	0.14	0	0	0	0	0	0	0	0
3/8/2024 14:54	43301 WATS_T2	1	0	-1	0.3	0	-0.3	0	0	0	0	0	0	0	0
3/8/2024 14:54	56504 ROCK_T2	2	1	-1	0.2	0.1	-0.1	0	0	0	0	0	0	0	0
3/8/2024 14:54	67002 STHI_T2	50	63	13	0.19	0.18	-0.01	0	0	0	0	0	0	0	0
3/8/2024 14:55	61305 EARL_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/8/2024 14:55	26002 WDAM_T1	4	4	0	0.78	0.83	0.05	0	0	0	0	0	0	0	0
3/8/2024 14:56	23901 EFMO_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/8/2024 14:57	54506 ENOL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/8/2024 14:57	54503 ENOL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/8/2024 14:59	54503 ENOL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/8/2024 14:59	54503 ENOL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/8/2024 14:59	40101 HUNT_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/8/2024 14:59	46004 BERW_T2	3	51	48	0.27	0.16	-0.11	0	0	0	0	0	0	0	0
3/8/2024 14:59	53901 HAU_T2	1	1	0	1	1.3	0.3	0	0	0	0	0	0	0	0
3/8/2024 15:00	58402 MORO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/8/2024 15:01	40101 HUNT_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/8/2024 15:01	53903 HAU_T2	3	3	0	1.07	1.17	0.1	0	0	0	0	0	0	0	0
3/8/2024 15:02	42002 MNYL_T2	1	1	0	4.7	4.3	-0.4	0	0	0	0	0	0	0	0
3/8/2024 15:03	53902 HAU_T2	1	1	0	5.9	6	0.1	0	0	0	0	0	0	0	0
3/8/2024 15:04	15704 TANN_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/8/2024 15:04	58401 MORO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/8/2024 15:05	65002 NEFF_T2	5	0	-5	0.1	0	-0.1	0	0	0	0	0	0	0	0
3/8/2024 15:07	54001 SDLE_T1	8	10	2	1.05	0.96	-0.09	0	0	0	0	0	0	0	0
3/8/2024 15:08	14403 SSLA_T1	46	39	-7	0.41	0.43	0.02	0	0	0	0	0	0	0	0
3/8/2024 15:09	46004 BERW_T2	16	67	51	0.19	0.16	-0.03	0	0	0	0	0	0	0	0
3/8/2024 15:09	46002 BERW_T2	7	80	73	0.17	0.14	-0.03	0	0	0	0	0	0	0	0
3/8/2024 15:10	46003 BERW_T2	14	53	39	0.11	0.16	0.05	0	0	0	0	0	0	0	0
3/8/2024 15:11	54504 ENOL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/8/2024 15:11	42701 AUGU_T1	1	1	0	1.5	1.5	0	0	0	0	0	0	0	0	0
3/8/2024 15:12	42701 AUGU_T1	1	1	0	1.5	1.5	0	0	0	0	0	0	0	0	0
3/8/2024 15:12	17804 GILB_T2	1	0	-1	0.9	0	-0.9	0	0	0	0	0	0	0	0
3/8/2024 15:13	54501 ENOL_T2	4	4	0	0.2	0.18	-0.02	0	0	0	0	0	0	0	0
3/8/2024 15:13	24104 EHAZ_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/8/2024 15:14	40101 HUNT_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/8/2024 15:14	54504 ENOL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/8/2024 15:15	10602 BLGL_T2	7	4	-3	0.39	0.35	-0.04	0	0	0	0	0	0	0	0
3/8/2024 15:16	59302 MCAL_T1	1	1	0	0.3	0.4	0.1	0	0	0	0	0	0	0	0
3/8/2024 15:17	54504 ENOL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/8/2024 15:18	24105 EHAZ_T1	4	4	0	5.3	5.25	-0.05	0	0	0	0	0	0	0	0
3/8/2024 15:21	54202 PENN_T2	179	54	-125	0.17	0.14	-0.03	0	0	0	0	0	0	0	0
3/8/2024 15:22	13704 SCHN_T2	5	6	1	0.16	0.15	-0.01	0	0	0	0	0	0	0	0
3/8/2024 15:22	56504 ROCK_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/8/2024 15:24	46002 BERW_T2	46	84	38	0.12	0.14	0.02	0	0	0	0	0	0	0	0
3/8/2024 15:25	46002 BERW_T2	46	84	38	0.12	0.14	0.02	0	0	0	0	0	0	0	0
3/8/2024 15:25	13701 SCHN_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/8/2024 15:26	62605 ENGL_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/8/2024 15:28	62604 ENGL_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/8/2024 15:28	24102 EHAZ_T1	1	1	0	2.3	0	-2.3	0	0	0	0	0	0	0	0
3/8/2024 15:29	62602 ENGL_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/8/2024 15:30	62602 ENGL_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/8/2024 15:31	65004 NEFF_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/8/2024 15:32	60504 NMAN_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/8/2024 15:34	24103 EHAZ_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/8/2024 15:39	46003 BERW_T2	53	81	28	0.16	0.14	-0.02	0	0	0	0	0	0	0	0
3/8/2024 15:44	24102 EHAZ_T1	1	0	-1	0.7	0	-0.7	0	0	0	0	0	0	0	0
3/8/2024 15:49	59002 MIFF_T1	5	4	-1	0.36	0.45	0.09	0	0	0	0	0	0	0	0
3/8/2024 15:50	24102 EHAZ_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/8/2024 15:54	43304 WATS_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/8/2024 15:55	24101 EHAZ_T1	0	9	9	0	0.15	0.15	0	0	0	0	0	0	0	0
3/8/2024 15:55	14401 SSLA_T1	196	109	-87	0.23	0.19	-0.04	0	0	0	0	0	0	0	0
3/8/2024 16:00	24104 EHAZ_T1	0	1	1	0	0	0	0	0	0	0	0	0	0	0
3/8/2024 16:09	67503 WEWI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/8/2024 16:10	10703 CATA_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/8/2024 16:12	10705 CATA_T2	1	0	-1	0.1	0	-0.1	0	0	0	0	0	0	0	0
3/8/2024 16:13	65002 NEFF_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/8/2024 16:15	59002 MIFF_T1	4	6	2	0.45	0.68	0.23	0	0	0	0	0	0	0	0
3/8/2024 16:17	59402 RFLD_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/8/2024 16:19	59402 RFLD_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/8/2024 16:23	59402 RFLD_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/8/2024 16:28	10706 CATA_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/8/2024 16:41	40501 CRES_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/8/2024 16:46	40502 CRES_T2	2	0	-2	0.1	0	-0.1	0	0	0	0	0	0	0	0
3/8/2024 17:04	54504 ENOL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/8/2024 17:25	40501 CRES_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/8/2024 17:40	24103 EHAZ_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/8/2024 17:45	24102 EHAZ_T1	1	0	-1	0.2	0	-0.2	0	0	0	0	0	0	0	0
3/8/2024 18:19	65004 NEFF_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/8/2024 18:56	65004 NEFF_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/8/2024 19:10	56802 BENV_T2	1	1	0	0.6	0.7	0.1	0	0	0	0	0	0	0	0
3/8/2024 19:12	56802 BENV_T2	1	1	0	0.6	0.7	0.1	0	0	0	0	0	0	0	0
3/8/2024 19:37	25601 GRWD_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/8/2024 19:48	62605 ENGL_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/8/2024 19:52	64202 KINZ_T1	9	6	-3	0.17	0.17	0	0	0	0	0	0	0	0	0
3/8/2024 19:53	65001 NEFF_T2	234	243	9	0.34	0.46	0.12	0	0	0	0	0	0	0	0
3/8/2024 19:53	10602 BLGL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/8/2024 19:54	66505 SMAN_T2	1	0	-1	0.1	0	-0.1	0	0	0	0	0	0	0	0
3/8/2024 19:54	61303 EARL_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/8/2024 19:54	16103 BING_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/8/2024 19:54	62604 ENGL_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/8/2024 19:55	42401 GIMA_T1	42	59	17	0.16	0.23	0.07	0	0	0	0	0	0	0	0
3/8/2024 19:55	60701 BREC_T1	19	1	-18	0.12	0.1	-0.02	0	0	0	0	0	0	0	0
3/8/2024 19:56	67002 STHI_T2	0	3	3	0	0.1	0.1	0	0	0	0	0	0	0	0
3/8/2024 19:56	64703 LITI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/8/2024 19:56	67001 STHI_T2	1	21	20	0.5	0.12	-0.38	0	0	0	0	0	0	0	0
3/8/2024 19:57	67502 WEWI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/8/2024 19:57	20402 ASHF_T2	0	1	1	0	0	0	0	0	0	0	0	0	0	0
3/8/2024 19:57	46003 BERW_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/8/2024 19:57	29402 BELT_T1	1	1	0	7.2	7.5	0.3	0	0	0	0	0	0	0	0
3/8/2024 19:57	62602 ENGL_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/8/2024 19:57	67604 WARW_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/8/2024 19:57	14802 TREI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/8/2024 19:57	15704 TANN_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/8/2024 19:57	10805 CHHI_T2	1	1	0	7.6	7.4	-0.2	0	0	0	0	0	0	0	0
3/8/2024 19:57	64703 LITI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/8/2024 19:57	41802 GOCI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/8/2024 19:57	10801 CHHI_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/8/2024 19:57	16302 ALPA_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/8/2024 19:58	53901 HAU_T2	13	20	7	0.18	0.29	0.11	0	0	0	0	0	0	0	0
3/8/2024 19:58	62607 ENGL_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/8/2024 19:58	67401 WAKE_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/8/2024 19:58	67002 STHI_T2	0	3	3	0	0.1	0.1	0	0	0	0	0	0	0	0
3/8/2024 19:58	10703 CATA_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/8/2024 19:58	20402 ASHF_T2	0	1	1	0	0	0	0	0	0	0	0	0	0	0
3/8/2024 19:58	46101 MACI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/8/2024 19:59	29402 BELT_T1	1	1	0	7.2	7.5	0.3	0	0	0	0	0	0	0	0
3/8/2024 19:59	67502 WEWI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/8/2024 19:59	65004 NEFF_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/8/2024 19:59	54502 ENOL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/8/2024 19:59	52503 PROG_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/8/2024 19:59	14403 SSLA_T1	0	1	1	0	0	0	0	0	0	0	0	0	0	0
3/8/2024 19:59	40603 PIGR_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/8/2024 19:59	67204 TEHI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/8/2024 19:59	16302 ALPA_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/8/2024 20:00	65003 NEFF_T2	4	8	4	0.3	0.28	-0.02	0	0	0	0	0	0	0	0
3/8/2024 20:00	42201 SHEN_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/8/2024 20:00	14404 SSLA_T1	1	1	0	0.1	0.4	0.3	0	0	0	0	0	0	0	0
3/8/2024 20:00	60803 BUCK_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/8/2024 20:00	41602 CLEV_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/8/2024 20:00	14401 SSLA_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/8/2024 20:00	57403 SPAN_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/8/2024 20:00	56802 BENV_T2	1	1	0	0.7	0.6	-0.1	0	0	0	0	0	0	0	0
3/8/2024 20:00	67503 WEWI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/8/2024 20:00	15001 BLMO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/8/2024 20:01	57304 MOAL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/8/2024 20:01	14802 TREI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/8/2024 20:01	42902 MIDD_T2	48	80	32	0.31	0.4	0.09	0	0	0	0	0	0	0	0
3/8/2024 20:01	67203 TEHI_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/8/2024 20:01	46203 DANV_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/8/2024 20:01	40501 CRES_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/8/2024 20:01	40603 PIGR_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/8/2024 20:01	28803 LAKE_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/8/2024 20:01	16302 ALPA_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/8/2024 20:01	41802 GOCI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/8/2024 20:01	23901 EFMO_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/8/2024 20:01	20402 ASHF_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/8/2024 20:01	15001 BLMO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/8/2024 20:01	64903 MILL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/8/2024 20:01	29401 BELT_T1	1	10	9	0.1	0.13	0.03	0	0	0	0	0	0	0	0
3/8/2024 20:01	57403 SPAN_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/8/2024 20:01	47403 PENS_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/8/2024 20:01	57401 SPAN_T1	2	2	0	0.35	0.15	-0.2	0	0	0	0	0	0	0	0
3/8/2024 20:01	53902 HAU_T2	1	1	0	5.8	6	0.2	0	0	0	0	0	0	0	0
3/8/2024 20:01	64305 LINC_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/8/2024 20:01	67503 WEWI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/8/2024 20:01	53901 HAU_T2	16	19	3	0.28	0.27	-0.01	0	0	0	0	0	0	0	0
3/8/2024 20:01	60201 ATGL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/8/2024 20:01	28703 HAML_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/8/2024 20:01	67002 STHI_T2	3	12	9	0.1	0.13	0.03	0	0	0	0	0	0	0	0
3/8/2024 20:01	44601 SALE_T2	1	1	0	0.2	0.3	0.1	0	0	0	0	0	0	0	0
3/8/2024 20:01	29401 BELT_T1	1	10	9	0.1	0.13	0.03	0	0	0	0	0	0	0	0
3/8/2024 20:02	53903 HAU_T2	2	2	0	1.7	1.8	0.1	0	0	0	0	0	0	0	0
3/8/2024 20:02	46002 BERW_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/8/2024 20:02	54505 ENOL_T2	1	1	0	0.6	0.8	0.2	0	0	0	0	0	0	0	0
3/8/2024 20:02	24901 WHHA_T1	0	1	1	0	3.4	3.4	0	0	0	0	0	0	0	0
3/8/2024 20:02	42901 MIDD_T2	55	123	68	0.21	0.26	0.05	0	0	0	0	0	0	0	0
3/8/2024 20:02	46205 DANV_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/8/2024 20:02	67605 WARW_T1	12	20	8	0.41	0.47	0.06	0	0	0	0	0	0	0	0
3/8/2024 20:02	56802 BENV_T2	1	1	0	0.7	0.6	-0.1	0	0	0	0	0	0	0	0
3/8/2024 20:02	29401 BELT_T1	1	10	9	0.1	0.13	0.03	0	0	0	0	0	0	0	0
3/8/2024 20:02	54504 ENOL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/8/2024 20:02	10805 CHHI_T2	1	1	0	7.5	7.4	-0.1	0	0	0	0	0	0	0	0
3/8/2024 20:02	60801 BUCK_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/8/2024 20:02	67503 WEWI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/8/2024 20:02	27502 WEIS_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/8/2024 20:02	65503 MOJO_T2	0	7	7	0	0.16	0.16	0	0	0	0	0	0	0	0
3/8/2024 20:02	40101 HUNT_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/8/2024 20:03	46002 BERW_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/8/2024 20:03	14403 SSLA_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/8/2024 20:03	42802 SELI_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/8/2024 20:03	40601 PIGR_T1	85	91	6	0.16	0.18	0.02	0	0	0	0	0	0	0	0
3/8/2024 20:03	43302 WATS_T2	1	4	3	0.2	0.83	0.63	0	0	0	0	0	0	0	0
3/8/2024 20:03	54502 ENOL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/8/2024 20:03	54503 ENOL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/8/2024 20:03	40603 PIGR_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/8/2024 20:03	10704 CATA_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/8/2024

Appendix C - Grid Benefits Achieved in Each Instance of Active Management

3/8/2024 20:05	64802 MONE_T2	30	12	-18	0.13	0.13	0	0	0	0	0	0	0	0
3/8/2024 20:05	44301 BEAV_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
3/8/2024 20:06	52006 LING_T2	2	2	0	0.9	1.1	0.2	0	0	0	0	0	0	0
3/8/2024 20:06	40502 CRES_T2	23	24	1	0.28	0.31	0.03	0	0	0	0	0	0	0
3/8/2024 20:06	46202 DANV_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
3/8/2024 20:06	14801 TREI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
3/8/2024 20:06	54501 ENOL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
3/8/2024 20:06	42902 MIDD_T2	48	80	32	0.31	0.4	0.09	0	0	0	0	0	0	0
3/8/2024 20:06	65002 NEFF_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
3/8/2024 20:06	53902 HALI_T2	1	1	0	5.8	6	0.2	0	0	0	0	0	0	0
3/8/2024 20:06	28602 BLYT_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
3/8/2024 20:06	42201 SHEN_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
3/8/2024 20:06	43301 WATS_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
3/8/2024 20:06	55002 NEWP_T1	5	6	1	0.42	0.62	0.2	0	0	0	0	0	0	0
3/8/2024 20:06	67502 WEWI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
3/8/2024 20:06	42701 AUGU_T1	1	1	0	0.7	0.9	0.2	0	0	0	0	0	0	0
3/8/2024 20:06	43801 SWIL_T1	12	14	2	0.62	0.64	0.02	0	0	0	0	0	0	0
3/8/2024 20:06	46001 BERW_T1	1	0	-1	0.2	0	-0.2	0	0	0	0	0	0	0
3/8/2024 20:06	40101 HUNT_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
3/8/2024 20:06	67001 STHI_T2	3	131	128	0.23	0.11	-0.12	0	0	0	0	0	0	0
3/8/2024 20:06	13701 SCHN_T2	0	1	1	0	0	0	0	0	0	0	0	0	0
3/8/2024 20:07	43302 WATS_T2	1	4	3	0.2	0.83	0.63	0	0	0	0	0	0	0
3/8/2024 20:07	52004 LING_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
3/8/2024 20:07	57403 SPAN_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
3/8/2024 20:07	54504 ENOL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
3/8/2024 20:07	62604 ENGL_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
3/8/2024 20:07	46203 DANV_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
3/8/2024 20:07	57301 MOAL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
3/8/2024 20:07	55001 NEWP_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
3/8/2024 20:07	42901 MIDD_T2	55	123	68	0.21	0.26	0.05	0	0	0	0	0	0	0
3/8/2024 20:07	14402 SSLA_T1	1	5	4	0.1	0.14	0.04	0	0	0	0	0	0	0
3/8/2024 20:07	66701 STRA_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
3/8/2024 20:07	47002 HUGH_T2	1	1	0	0.4	0.4	0	0	0	0	0	0	0	0
3/8/2024 20:07	56503 ROCK_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
3/8/2024 20:07	64305 LINC_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
3/8/2024 20:07	46004 BERW_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
3/8/2024 20:07	67401 WAKE_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
3/8/2024 20:07	43801 SWIL_T1	12	14	2	0.62	0.64	0.02	0	0	0	0	0	0	0
3/8/2024 20:07	56802 BENV_T2	1	1	0	0.7	0.6	-0.1	0	0	0	0	0	0	0
3/8/2024 20:07	42002 MNVL_T2	1	1	0	4	4	0	0	0	0	0	0	0	0
3/8/2024 20:07	15001 BLMO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
3/8/2024 20:07	44601 SALE_T2	1	1	0	0.2	0.3	0.1	0	0	0	0	0	0	0
3/8/2024 20:07	60701 BREC_T1	1	0	-1	0.1	0	-0.1	0	0	0	0	0	0	0
3/8/2024 20:08	56503 ROCK_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
3/8/2024 20:08	54001 SDLE_T1	4	1	-3	0.33	0.6	0.27	0	0	0	0	0	0	0
3/8/2024 20:08	59301 MCAL_T1	10	31	21	0.4	0.25	-0.15	0	0	0	0	0	0	0
3/8/2024 20:08	43201 MVIL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
3/8/2024 20:08	54505 ENOL_T2	1	1	0	0.6	0.8	0.2	0	0	0	0	0	0	0
3/8/2024 20:08	54504 ENOL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
3/8/2024 20:08	40201 BEGA_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
3/8/2024 20:08	58402 MORO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
3/8/2024 20:08	43201 MVIL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
3/8/2024 20:08	54503 ENOL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
3/8/2024 20:08	47401 PENS_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
3/8/2024 20:08	46701 RENO_T1	37	157	120	0.36	0.25	-0.11	0	0	0	0	0	0	0
3/8/2024 20:08	54502 ENOL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
3/8/2024 20:08	56802 BENV_T2	1	1	0	0.7	0.6	-0.1	0	0	0	0	0	0	0
3/8/2024 20:08	43001 ALWD_T1	12	18	6	0.31	0.37	0.06	0	0	0	0	0	0	0
3/8/2024 20:08	46602 LACR_T1	1	9	8	0.1	0.13	0.03	0	0	0	0	0	0	0
3/8/2024 20:09	47402 PENS_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
3/8/2024 20:09	47001 HUGH_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
3/8/2024 20:09	43301 WATS_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
3/8/2024 20:09	45402 WBLO_T2	52	85	33	0.43	0.46	0.03	0	0	0	0	0	0	0
3/8/2024 20:09	42801 SELI_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
3/8/2024 20:09	59402 RFLD_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
3/8/2024 20:09	54206 PENN_T2	2	3	1	0.1	0.17	0.07	0	0	0	0	0	0	0
3/8/2024 20:09	57403 SPAN_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
3/8/2024 20:09	43202 MVIL_T2	32	56	24	0.21	0.4	0.19	0	0	0	0	0	0	0
3/8/2024 20:09	53903 HALI_T2	2	2	0	1.7	1.8	0.1	0	0	0	0	0	0	0
3/8/2024 20:10	41902 REED_T1	1	0	-1	1	0	-1	0	0	0	0	0	0	0
3/8/2024 20:10	58401 MORO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
3/8/2024 20:10	43001 ALWD_T1	12	18	6	0.31	0.37	0.06	0	0	0	0	0	0	0
3/8/2024 20:10	57401 SPAN_T1	2	2	0	0.35	0.15	-0.2	0	0	0	0	0	0	0
3/8/2024 20:10	58401 MORO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
3/8/2024 20:10	59402 RFLD_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
3/8/2024 20:10	40101 HUNT_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
3/8/2024 20:11	54504 ENOL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
3/8/2024 20:11	41902 REED_T1	1	0	-1	1	0	-1	0	0	0	0	0	0	0
3/8/2024 20:11	56504 ROCK_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
3/8/2024 20:11	56503 ROCK_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
3/8/2024 20:11	54503 ENOL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
3/8/2024 20:11	54204 PENN_T2	2	2	0	0.15	0.35	0.2	0	0	0	0	0	0	0
3/8/2024 20:11	59003 MIFF_T1	1	1	0	0.2	0.4	0.2	0	0	0	0	0	0	0
3/8/2024 20:11	41802 GOCI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
3/8/2024 20:11	40901 JESH_T1	132	133	1	0.31	0.3	-0.01	0	0	0	0	0	0	0
3/8/2024 20:12	54506 ENOL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
3/8/2024 20:12	43302 WATS_T2	1	4	3	0.2	0.83	0.63	0	0	0	0	0	0	0
3/8/2024 20:12	57403 SPAN_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
3/8/2024 20:12	42902 MIDD_T2	48	80	32	0.31	0.4	0.09	0	0	0	0	0	0	0
3/8/2024 20:12	46803 HEPB_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
3/8/2024 20:12	56802 BENV_T2	1	1	0	0.7	0.6	-0.1	0	0	0	0	0	0	0
3/8/2024 20:13	43304 WATS_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
3/8/2024 20:13	59402 RFLD_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
3/8/2024 20:13	56802 BENV_T2	1	1	0	0.7	0.6	-0.1	0	0	0	0	0	0	0
3/8/2024 20:14	46702 RENO_T1	15	90	75	0.13	0.18	0.05	0	0	0	0	0	0	0
3/8/2024 20:14	65004 NEFF_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
3/8/2024 20:14	54001 SDLE_T1	4	1	-3	0.33	0.6	0.27	0	0	0	0	0	0	0
3/8/2024 20:15	43802 SWIL_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
3/8/2024 20:15	15203 SFAR_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
3/8/2024 20:19	56504 ROCK_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
3/8/2024 20:23	40902 JESH_T1	82	138	56	0.18	0.15	-0.03	0	0	0	0	0	0	0
3/8/2024 20:31	46003 BERW_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
3/8/2024 20:35	56503 ROCK_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
3/8/2024 20:38	56504 ROCK_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
3/8/2024 20:41	56501 ROCK_T2	24	90	66	0.18	0.16	-0.02	0	0	0	0	0	0	0
3/8/2024 20:46	65005 NEFF_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
3/8/2024 20:47	55002 NEWP_T1	6	6	0	0.5	0.78	0.28	0	0	0	0	0	0	0
3/8/2024 20:48	17002 RIRD_T2	0	1	1	0	0.1	0.1	0	0	0	0	0	0	0
3/8/2024 21:14	57401 SPAN_T1	3	2	-1	0.9	0.75	-0.15	0	0	0	0	0	0	0
3/8/2024 21:39	65001 NEFF_T2	236	242	6	0.34	0.42	0.08	0	0	0	0	0	0	0
3/8/2024 21:42	10707 CATA_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
3/8/2024 22:20	65005 NEFF_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
3/8/2024 22:33	17804 GILB_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
3/8/2024 22:47	65005 NEFF_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
3/9/2024 0:08	65001 NEFF_T2	23	200	177	0.13	0.19	0.06	0	0	0	0	0	0	0
3/9/2024 0:35	65003 NEFF_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
3/9/2024 0:41	65001 NEFF_T2	200	213	13	0.19	0.2	0.01	0	0	0	0	0	0	0
3/9/2024 0:56	65001 NEFF_T2	210	186	-24	0.2	0.17	-0.03	0	0	0	0	0	0	0
3/9/2024 2:10	65001 NEFF_T2	3	5	2	0.1	0.12	0.02	0	0	0	0	0	0	0
3/9/2024 3:13	65001 NEFF_T2	6	0	-6	0.12	0	-0.12	0	0	0	0	0	0	0
3/9/2024 4:00	65002 NEFF_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
3/9/2024 4:26	65001 NEFF_T2	7	7	0	0.1	0.11	0.01	0	0	0	0	0	0	0
3/9/2024 5:09	65001 NEFF_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
3/9/2024 5:35	65004 NEFF_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
3/9/2024 6:06	65001 NEFF_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
3/9/2024 6:43	65005 NEFF_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
3/9/2024 6:53	65001 NEFF_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
3/9/2024 7:04	65004 NEFF_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
3/9/2024 7:20	65002 NEFF_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
3/9/2024 7:35	65005 NEFF_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
3/9/2024 8:28	65003 NEFF_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
3/9/2024 8:44	65001 NEFF_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
3/9/2024 8:47	63203 MGTN_T1	23	11	-12	0.15	0.11	-0.04	0	0	0	0	0	0	0
3/9/2024 8:54	65003 NEFF_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
3/9/2024 9:00	62607 ENGL_T1	1	1	0	0.7	0.4	-0.3	0	0	0	0	0	0	0
3/9/2024 9:00	17805 GILB_T2	0	1	1	0	0	0	0	0	0	0	0	0	0
3/9/2024 9:00	16102 BING_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
3/9/2024 9:00	53903 HALI_T2	2	2	0	0.5	0.3	-0.2	0	0	0	0	0	0	0
3/9/2024 9:00	65005 NEFF_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
3/9/2024 9:00	40601 PIGR_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
3/9/2024 9:00	24104 EHAZ_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
3/9/2024 9:00	40505 CRES_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
3/9/2024 9:00	42903 MIDD_T2	2	2	0	1.25	1.55	0.3	0	0	0	0	0	0	0
3/9/2024 9:00	60701 BREC_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
3/9/2024 9:00	66302 MCGO_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
3/9/2024 9:00	29402 BELT_T1	1	1	0	5.8	6	0.2	0	0	0	0	0	0	0
3/9/2024 9:00	40201 BEGA_T2	1	1	0	0.4	0	-0.4	0	0	0	0	0	0	0
3/9/2024 9:00	40501 CRES_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
3/9/2024 9:00	59102 WALK_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
3/9/2024 9:00	67401 WAKE_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
3/9/2024 9:00	53902 HALI_T2	1	1	0	4.9	4.8	-0.1	0	0	0	0	0	0	0
3/9/2024 9:00	45502 DERR_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
3/9/2024 9:00	27503 WEIS_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
3/9/2024 9:00	10801 CHHI_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
3/9/2024 9:00	43001 ALWD_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
3/9/2024 9:00	47101 MARL_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
3/9/2024 9:00	40101 HUNT_T2	1	0	-1	0.1	0	-0.1	0	0	0	0	0	0	0
3/9/2024 9:05	56504 ROCK_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
3/9/2024 9:06	12305 LANA_T2	0	1	1	0	0	0	0	0	0	0	0	0	0
3/9/2024 9:06	47104 MARL_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
3/9/2024 9:07	46002 BERW_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
3/9/2024 9:07	58003 WCAR_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
3/9/2024 9:07	58401 MORO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
3/9/2024 9:07	47101 MARL_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
3/9/2024 9:07	41903 REED_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
3/9/2024 9:07	53501 EVIL_T2	3	3	0	0.97	0.83	-0.14	0	0	0	0	0	0	0
3/9/2024 9:08	60801 BUCK_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
3/9/2024 9:23	40501 CRES_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
3/9/2024 9:24	40502 CRES_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
3/9/2024 9:31	41801 GOCI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
3/9/2024 9:35	41902 REED_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
3/9/2024 9:38	29401 BELT_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
3/9/2024 9:38	56803 BENV_T1	1	0	-1	1	0	-1	0	0	0	0	0	0	0
3/9/2024 9:39	10803 CHHI_T1	0	2	2	0	0.1	0.1	0	0	0	0	0	0	0
3/9/2024 9:39	56803 BENV_T1	1	0	-1	1	0	-1	0	0	0	0	0	0	0
3/9/2024 9:40	56801 BENV_T1	13	14	1	0.58	0.54	-0.04	0	0	0	0	0	0	0
3/9/2024 9:41	56801 BENV_T1	13	14	1	0.58	0.54	-0.04	0	0	0	0	0	0	0
3/9/2024 9:42	56801 BENV_T1	13	14	1	0.58	0.54	-0.04	0	0	0	0	0	0	0
3/9/2024 9:42	44302 BEAV_T2	28	155	127	0.16	0.53	0.37	0	0	0	0	0	0	0
3/9/2024 9:43	56801 BENV_T1	13	14	1	0.58	0.54	-0.04	0	0	0	0	0	0	0
3/9/2024 9:49	46301 ROHR_T1	1	1	0	1.4	0.1	-1.3	0	0	0	0	0	0	0
3/9/2024 9:50	66701 STRA_T1	0	2	2	0	0	0	0	0	0	0	0	0	0
3/9/2024 9:52	56803 BENV_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
3/9/2024 9:53	46702 RENO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
3/9/2024 9:54	44301 BEAV_T2	1	4	3	0.1	0.7	0.6	0	0	0	0	0	0	0
3/9/2024 9:54	40501 CRES_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
3/9/2024 9:55	29402 BELT_T1	1	1	0	5.8	5.8	0	0	0	0	0	0	0	0
3/9/2024 9:55	11103 EGYP_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
3/9/2024 9:55	40501 CRES_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
3/9/2024 9:55	45501 DERR_T2	0	1	1	0	0	0	0	0	0	0	0	0	0
3/9/2024 9:56	46204 DANV_T2	0	1	1	0	0	0	0	0	0	0	0	0	0
3/9/2024 9:56	40501 CRES_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
3/9/2024 9:58	40501 CRES_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
3/9/2024 9:59	40502 CRES_T2	0	7	7	0	0.2	0.2	0	0	0	0	0	0	0
3/9/2024 10:00	63204 MGTN_T1	0	0	0	0	0	0	0	0	0	0	0	0

3/9/2024 10:30	12704 MACU_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/9/2024 10:31	65005 NEFF_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/9/2024 10:37	67503 WEWI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/9/2024 10:37	45402 WBLO_T2	0	1	1	0	0.1	0.1	0	0	0	0	0	0	0	0
3/9/2024 10:38	67503 WEWI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/9/2024 10:38	56801 BENV_T1	16	18	2	0.73	0.93	0.2	0	0	0	0	0	0	0	0
3/9/2024 10:39	67503 WEWI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/9/2024 10:39	56801 BENV_T1	16	18	2	0.73	0.93	0.2	0	0	0	0	0	0	0	0
3/9/2024 10:40	56801 BENV_T1	16	18	2	0.73	0.93	0.2	0	0	0	0	0	0	0	0
3/9/2024 10:40	45501 DERR_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/9/2024 10:41	17802 GILB_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/9/2024 10:41	45402 WBLO_T2	0	1	1	0	0.1	0.1	0	0	0	0	0	0	0	0
3/9/2024 10:41	56801 BENV_T1	16	18	2	0.73	0.93	0.2	0	0	0	0	0	0	0	0
3/9/2024 10:42	46204 DANV_T2	0	7	7	0	0.2	0.2	0	0	0	0	0	0	0	0
3/9/2024 10:42	56803 BENV_T1	0	1	1	0	0	0	0	0	0	0	0	0	0	0
3/9/2024 10:43	45502 DERR_T2	1	0	-1	0.2	0	-0.2	0	0	0	0	0	0	0	0
3/9/2024 10:43	46203 DANV_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/9/2024 10:43	46202 DANV_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/9/2024 10:43	17801 GILB_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/9/2024 10:44	44302 BEAV_T2	167	153	-14	0.48	0.49	0.01	0	0	0	0	0	0	0	0
3/9/2024 10:45	65002 NEFF_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/9/2024 10:45	64202 KINZ_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/9/2024 10:47	28701 HAML_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/9/2024 10:47	42301 MOWR_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/9/2024 10:48	42903 MIDD_T2	2	2	0	2.15	2.3	0.15	0	0	0	0	0	0	0	0
3/9/2024 10:48	42701 AUGU_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/9/2024 10:49	66701 STRA_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/9/2024 10:49	42901 MIDD_T2	145	163	18	0.29	0.31	0.02	0	0	0	0	0	0	0	0
3/9/2024 10:50	65904 SAKR_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/9/2024 10:51	66503 SMAN_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/9/2024 10:52	56504 ROCK_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/9/2024 10:52	57401 SPAN_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/9/2024 10:52	64101 REFR_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/9/2024 10:53	42301 MOWR_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/9/2024 10:54	57403 SPAN_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/9/2024 10:55	65003 NEFF_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/9/2024 10:55	40501 CRES_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/9/2024 10:55	27503 WEIS_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/9/2024 10:58	40101 HUNT_T2	1	0	-1	0.7	0	-0.7	0	0	0	0	0	0	0	0
3/9/2024 10:59	53903 HAU_T2	2	2	0	1	1	0	0	0	0	0	0	0	0	0
3/9/2024 11:01	53902 HAU_T2	1	2	1	5.4	5.3	-0.1	0	0	0	0	0	0	0	0
3/9/2024 11:01	40101 HUNT_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/9/2024 11:03	60501 NMAN_T2	3	3	0	3.93	3.63	-0.3	0	0	0	0	0	0	0	0
3/9/2024 11:05	40101 HUNT_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/9/2024 11:08	67402 WAKE_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/9/2024 11:10	67401 WAKE_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/9/2024 11:13	40101 HUNT_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/9/2024 11:20	47403 PENS_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/9/2024 11:22	47401 PENS_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/9/2024 11:24	42302 MOWR_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/9/2024 11:29	40502 CRES_T2	4	11	7	0.15	0.31	0.16	0	0	0	0	0	0	0	0
3/9/2024 11:29	42301 MOWR_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/9/2024 11:30	40502 CRES_T2	11	8	-3	0.31	0.15	-0.16	0	0	0	0	0	0	0	0
3/9/2024 11:30	40101 HUNT_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/9/2024 11:31	55002 NEWP_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/9/2024 11:34	55001 NEWP_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/9/2024 11:35	55001 NEWP_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/9/2024 11:35	42203 SHEN_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/9/2024 11:35	56501 ROCK_T2	1	1	0	0.3	0.2	-0.1	0	0	0	0	0	0	0	0
3/9/2024 11:35	42301 MOWR_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/9/2024 11:36	65904 SAKR_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/9/2024 11:37	65901 SAKR_T2	1	1	0	8.3	8.5	0.2	0	0	0	0	0	0	0	0
3/9/2024 11:37	56503 ROCK_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/9/2024 11:37	27503 WEIS_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/9/2024 11:38	56501 ROCK_T2	1	1	0	0.3	0.2	-0.1	0	0	0	0	0	0	0	0
3/9/2024 11:38	65903 SAKR_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/9/2024 11:38	46701 RENO_T1	1	1	0	7.5	7.7	0.2	0	0	0	0	0	0	0	0
3/9/2024 11:38	56803 BENV_T1	1	0	-1	0.7	0	-0.7	0	0	0	0	0	0	0	0
3/9/2024 11:39	44302 BEAV_T2	187	233	46	0.53	0.68	0.15	0	0	0	0	0	0	0	0
3/9/2024 11:39	56801 BENV_T1	17	20	3	0.58	0.95	0.37	0	0	0	0	0	0	0	0
3/9/2024 11:39	40502 CRES_T2	11	8	-3	0.31	0.15	-0.16	0	0	0	0	0	0	0	0
3/9/2024 11:40	41602 CLEV_T1	1	0	-1	0.2	0	-0.2	0	0	0	0	0	0	0	0
3/9/2024 11:40	42302 MOWR_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/9/2024 11:40	56803 BENV_T1	1	0	-1	0.7	0	-0.7	0	0	0	0	0	0	0	0
3/9/2024 11:40	40501 CRES_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/9/2024 11:41	56801 BENV_T1	17	20	3	0.58	0.95	0.37	0	0	0	0	0	0	0	0
3/9/2024 11:41	40502 CRES_T2	11	8	-3	0.31	0.15	-0.16	0	0	0	0	0	0	0	0
3/9/2024 11:42	56803 BENV_T1	1	0	-1	0.7	0	-0.7	0	0	0	0	0	0	0	0
3/9/2024 11:42	40502 CRES_T2	11	8	-3	0.31	0.15	-0.16	0	0	0	0	0	0	0	0
3/9/2024 11:42	44302 BEAV_T2	187	233	46	0.53	0.68	0.15	0	0	0	0	0	0	0	0
3/9/2024 11:43	40502 CRES_T2	11	8	-3	0.31	0.15	-0.16	0	0	0	0	0	0	0	0
3/9/2024 11:43	60803 BUCK_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/9/2024 11:43	56803 BENV_T1	1	0	-1	0.7	0	-0.7	0	0	0	0	0	0	0	0
3/9/2024 11:43	52502 PROG_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/9/2024 11:43	44301 BEAV_T2	4	8	4	0.55	0.58	0.03	0	0	0	0	0	0	0	0
3/9/2024 11:44	40501 CRES_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/9/2024 11:44	52503 PROG_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/9/2024 11:46	65003 NEFF_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/9/2024 11:46	46803 HEPB_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/9/2024 11:47	46801 HEPB_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/9/2024 11:48	46701 RENO_T1	1	1	0	7.3	7.7	0.4	0	0	0	0	0	0	0	0
3/9/2024 11:48	46803 HEPB_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/9/2024 11:48	56501 ROCK_T2	1	1	0	0.2	0.2	0	0	0	0	0	0	0	0	0
3/9/2024 11:50	41602 CLEV_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/9/2024 11:50	60504 NMAN_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/9/2024 11:51	56501 ROCK_T2	1	1	0	0.2	0.2	0	0	0	0	0	0	0	0	0
3/9/2024 11:51	42202 SHEN_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/9/2024 11:52	56503 ROCK_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/9/2024 11:53	27503 WEIS_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/9/2024 11:53	59202 THOM_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/9/2024 11:53	24901 WHHA_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/9/2024 11:53	42701 AUGU_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/9/2024 11:54	56503 ROCK_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/9/2024 11:56	42701 AUGU_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/9/2024 11:57	40201 BEGA_T2	2	0	-2	0.35	0	-0.35	0	0	0	0	0	0	0	0
3/9/2024 12:00	28701 HAML_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/9/2024 12:01	55001 NEWP_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/9/2024 12:02	46803 HEPB_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/9/2024 12:02	55001 NEWP_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/9/2024 12:03	46803 HEPB_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/9/2024 12:04	46801 HEPB_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/9/2024 12:04	46701 RENO_T1	1	1	0	7.7	7.7	0	0	0	0	0	0	0	0	0
3/9/2024 12:06	26001 WDAM_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/9/2024 12:06	55002 NEWP_T1	0	1	1	0	0.1	0.1	0	0	0	0	0	0	0	0
3/9/2024 12:06	60502 NMAN_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/9/2024 12:09	42701 AUGU_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/9/2024 12:11	42701 AUGU_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/9/2024 12:12	42701 AUGU_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/9/2024 12:14	46801 HEPB_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/9/2024 12:18	46801 HEPB_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/9/2024 12:24	24902 WHHA_T1	1	1	0	0.7	0.8	0.1	0	0	0	0	0	0	0	0
3/9/2024 12:28	65005 NEFF_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/9/2024 12:29	47001 HUGH_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/9/2024 12:31	47002 HUGH_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/9/2024 12:34	65804 RTWN_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/9/2024 12:37	65801 RTWN_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/9/2024 12:38	28602 BLYT_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/9/2024 12:43	40101 HUNT_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/9/2024 12:44	40101 HUNT_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/9/2024 12:45	40101 HUNT_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/9/2024 12:47	40101 HUNT_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/9/2024 12:53	41602 CLEV_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/9/2024 12:53	26002 WDAM_T1	4	0	-4	0.13	0	-0.13	0	0	0	0	0	0	0	0
3/9/2024 12:53	56803 BENV_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/9/2024 12:55	56801 BENV_T1	19	15	-4	0.88	1.01	0.13	0	0	0	0	0	0	0	0
3/9/2024 12:55	40501 CRES_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/9/2024 12:56	56801 BENV_T1	19	15	-4	0.88	1.01	0.13	0	0	0	0	0	0	0	0
3/9/2024 12:57	56803 BENV_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/9/2024 12:58	56801 BENV_T1	19	15	-4	0.88	1.01	0.13	0	0	0	0	0	0	0	0
3/9/2024 12:59	65001 NEFF_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/9/2024 12:59	27101 GFLD_T2	0	1	1	0	0	0	0	0	0	0	0	0	0	0
3/9/2024 12:59	40501 CRES_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/9/2024 13:04	60504 NMAN_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/9/2024 13:04	55002 NEWP_T1	0	1	1	0	0.2	0.2	0	0	0	0	0	0	0	0
3/9/2024 13:05	55002 NEWP_T1	0	1	1	0	0.2	0.2	0	0	0	0	0	0	0	0
3/9/2024 13:09	55002 NEWP_T1	0	1	1	0	0.2	0.2	0	0	0	0	0	0	0	0
3/9/2024 13:29	64403 LAND_T1	0	1	1	0	0.1	0.1	0	0	0	0	0	0	0	0
3/9/2024 13:30	64401 LAND_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/9/2024 13:31	63803 HEMP_T1	276	272	-4	0.35	0.38	0.03	0	0	0	0	0	0	0	0
3/9/2024 13:36	65002 NEFF_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/9/2024 13:36	65801 RTWN_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/9/2024 13:43	40101 HUNT_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/9/2024 13:47	46801 HEPB_T2	2	2	0	0.1	0.15	0.05	0	0	0	0	0	0	0	0
3/9/2024 13:49	56501 ROCK_T2	1	3	2	0.1	0.1	0	0	0	0	0	0	0	0	0
3/9/2024 13:49	46702 RENO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/9/2024 13:52	65801 RTWN_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/9/2024 13:55	40502 CRES_T2	0	9	9	0	0.19	0.19	0	0	0	0	0	0	0	0
3/9/2024 13:56	40501 CRES_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/9/2024 13:57	40502 CRES_T2	0	9	9	0	0.19	0.19	0	0	0	0	0	0	0	0
3/9/2024 13:57	28602 BLYT_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/9/2024 13:58	40501 CRES_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/9/2024 13:59	40502 CRES_T2	0	9	9	0	0.19	0.19	0	0	0	0	0	0	0	0
3/9/2024 14:02	40101 HUNT_T2	0	4	4	0	0.2	0.2	0	0	0	0	0	0	0	0
3/9/2024 14:06	52204 DEVO_T2	1	0	-1	0.4	0	-0.4	0	0	0	0	0	0	0	0
3/9/2024 14:07	13704 SCHN_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/9/2024 14:08	65801 RTWN_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/9/2024 14:08	56504 ROCK_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/9/2024 14:08	56503 ROCK_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/9/2024 14:09	14401 SSLA_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/9/2024 14:10	40501 CRES_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/9/2024 14:11	40502 CRES_T2	9	8	-1	0.19	0.2	0.01	0	0	0	0	0	0	0	0
3/9/2024 14:11	20402 ASHF_T2	7	30	23	0.39	0.39	0	0	0	0	0	0	0	0	0
3/9/2024 14:12	11104 EGYP_T1	1	0	-1	0.5	0	-0.5	0	0	0	0	0	0	0	0
3/9/2024 14:12	65001 NEFF_T2	3	48	45	0.1	0.14	0.04	0	0	0	0	0	0	0	0
3/9/2024 14:12	40502 CRES_T2	9	8	-1	0.19	0.2	0.01	0	0	0	0	0	0	0	0
3/9/2024 14:12	60801 BUCK_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/9/2024 14:13	11104 EGYP_T1	1	0	-1	0.5	0	-0.5	0	0	0	0	0	0	0	0
3/9/2024 14:13	40502 CRES_T2	9	8	-1	0.19	0.2	0.01	0	0	0	0	0	0	0	0
3/9/2024 14:14	46801 HEPB_T2	0	2	2	0	0.15	0.15	0	0	0	0	0	0	0	0
3/9/2024 14:14	40101 HUNT_T2	0	4	4	0	0.2	0.2	0	0	0	0	0	0	0	0
3/9/2024 14:16	40101 HUNT_T2	4	1	-3	0.33	1.5	1.17	0	0	0	0	0	0	0	0
3/9/2024 14:17	65001 NEFF_T2	48	70	22	0.14	0.12	-0.02	0	0	0	0	0	0	0	0
3/9/2024 14:18	48302 ORWI_T2	2	2	0	1.3	1.4	0.1	0	0	0	0	0	0	0	0
3/9/2024 14:18	40101 HUNT_T2	4	1	-3	0.33	1.5	1.17	0	0	0	0	0	0	0	0
3/9/2024 14:19	56503 ROCK_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/9/2024 14:19	46803 HEPB_T2	0	0	0	0	0

3/9/2024 14:34	56501 ROCK_T2	1	4	3	0.2	0.18	-0.02	0	0	0	0	0	0	0	0
3/9/2024 14:34	57301 MOAL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/9/2024 14:34	42902 MIDD_T2	126	131	5	0.64	0.68	0.04	0	0	0	0	0	0	0	0
3/9/2024 14:34	17802 GILB_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/9/2024 14:35	20401 ASHF_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/9/2024 14:35	42902 MIDD_T2	126	131	5	0.64	0.68	0.04	0	0	0	0	0	0	0	0
3/9/2024 14:35	46801 HEPB_T2	0	2	2	0	0.2	0.2	0	0	0	0	0	0	0	0
3/9/2024 14:35	65801 RTWN_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/9/2024 14:35	42901 MIDD_T2	351	322	-29	0.48	0.47	-0.01	0	0	0	0	0	0	0	0
3/9/2024 14:36	48303 ORWI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/9/2024 14:36	27502 WEIS_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/9/2024 14:37	65902 SAKR_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/9/2024 14:38	60801 BUCK_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/9/2024 14:38	42701 AUGU_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/9/2024 14:39	56501 ROCK_T2	1	4	3	0.2	0.18	-0.02	0	0	0	0	0	0	0	0
3/9/2024 14:39	60201 ATGL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/9/2024 14:39	28604 BLYT_T2	1	1	0	0	0	0	0	0	0	0	0	0	0	0
3/9/2024 14:39	53902 HALI_T2	1	1	0	5.9	5.8	-0.1	0	0	0	0	0	0	0	0
3/9/2024 14:39	42701 AUGU_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/9/2024 14:40	53903 HAU_T2	2	2	0	1.35	1.4	0.05	0	0	0	0	0	0	0	0
3/9/2024 14:40	20401 ASHF_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/9/2024 14:40	40501 CRES_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/9/2024 14:41	29402 BELT_T1	2	1	-1	3.4	6	2.6	0	0	0	0	0	0	0	0
3/9/2024 14:41	61304 EARL_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/9/2024 14:41	53901 HALI_T2	1	4	3	0.7	0.23	-0.47	0	0	0	0	0	0	0	0
3/9/2024 14:41	42701 AUGU_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/9/2024 14:41	60801 BUCK_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/9/2024 14:42	40501 CRES_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/9/2024 14:43	40502 CRES_T2	8	0	-8	0.2	0	-0.2	0	0	0	0	0	0	0	0
3/9/2024 14:43	56501 ROCK_T2	1	4	3	0.2	0.18	-0.02	0	0	0	0	0	0	0	0
3/9/2024 14:43	53903 HAU_T2	2	2	0	1.35	1.4	0.05	0	0	0	0	0	0	0	0
3/9/2024 14:43	52204 DEVO_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/9/2024 14:43	52502 PROG_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/9/2024 14:44	53903 HAU_T2	2	2	0	1.35	1.4	0.05	0	0	0	0	0	0	0	0
3/9/2024 14:44	40502 CRES_T2	8	0	-8	0.2	0	-0.2	0	0	0	0	0	0	0	0
3/9/2024 14:45	64201 KINZ_T1	9	38	29	0.54	0.31	-0.23	0	0	0	0	0	0	0	0
3/9/2024 14:45	46803 HEPB_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/9/2024 14:45	40502 CRES_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/9/2024 14:46	64202 KINZ_T1	10	10	0	0.3	0.26	-0.04	0	0	0	0	0	0	0	0
3/9/2024 14:46	64202 KINZ_T1	10	10	0	0.3	0.26	-0.04	0	0	0	0	0	0	0	0
3/9/2024 14:47	64802 MONE_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/9/2024 14:48	40901 JESH_T1	1	1	0	1	1.2	0.2	0	0	0	0	0	0	0	0
3/9/2024 14:48	58401 MORO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/9/2024 14:48	64203 KINZ_T1	15	25	10	0.17	0.16	-0.01	0	0	0	0	0	0	0	0
3/9/2024 14:49	65804 RTWN_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/9/2024 14:49	65004 NEFF_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/9/2024 14:49	42903 MIDD_T2	40	48	8	0.35	0.34	-0.01	0	0	0	0	0	0	0	0
3/9/2024 14:49	42803 SELI_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/9/2024 14:49	56501 ROCK_T2	4	24	20	0.13	0.18	0.05	0	0	0	0	0	0	0	0
3/9/2024 14:49	42301 MOWR_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/9/2024 14:49	55001 NEWP_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/9/2024 14:50	42802 SELI_T1	1	4	3	0.1	0.18	0.08	0	0	0	0	0	0	0	0
3/9/2024 14:50	42901 MIDD_T2	310	305	-5	0.45	0.51	0.06	0	0	0	0	0	0	0	0
3/9/2024 14:50	55002 NEWP_T1	0	4	4	0	0.5	0.5	0	0	0	0	0	0	0	0
3/9/2024 14:50	65804 RTWN_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/9/2024 14:50	15701 TANN_T1	1	1	0	3.7	3.7	0	0	0	0	0	0	0	0	0
3/9/2024 14:50	56503 ROCK_T2	0	1	1	0	0.1	0.1	0	0	0	0	0	0	0	0
3/9/2024 14:51	67402 WAKE_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/9/2024 14:51	42803 SELI_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/9/2024 14:51	65804 RTWN_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/9/2024 14:51	58001 WCAR_T1	0	2	2	0	0.15	0.15	0	0	0	0	0	0	0	0
3/9/2024 14:51	42901 MIDD_T2	310	305	-5	0.45	0.51	0.06	0	0	0	0	0	0	0	0
3/9/2024 14:51	56501 ROCK_T2	4	24	20	0.13	0.18	0.05	0	0	0	0	0	0	0	0
3/9/2024 14:51	56503 ROCK_T2	0	1	1	0	0.1	0.1	0	0	0	0	0	0	0	0
3/9/2024 14:51	42903 MIDD_T2	40	48	8	0.35	0.34	-0.01	0	0	0	0	0	0	0	0
3/9/2024 14:52	42803 SELI_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/9/2024 14:53	29402 BELT_T1	1	1	0	6	6	0	0	0	0	0	0	0	0	0
3/9/2024 14:54	67402 WAKE_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/9/2024 14:54	56503 ROCK_T2	0	1	1	0	0.1	0.1	0	0	0	0	0	0	0	0
3/9/2024 14:54	42802 SELI_T1	1	4	3	0.1	0.18	0.08	0	0	0	0	0	0	0	0
3/9/2024 14:54	29402 BELT_T1	1	1	0	6	6	0	0	0	0	0	0	0	0	0
3/9/2024 14:54	42302 MOWR_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/9/2024 14:54	58003 WCAR_T1	1	1	0	0.5	1	0.5	0	0	0	0	0	0	0	0
3/9/2024 14:54	42701 AUGU_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/9/2024 14:54	44302 BEAV_T2	239	243	4	0.67	0.66	-0.01	0	0	0	0	0	0	0	0
3/9/2024 14:56	40501 CRES_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/9/2024 14:57	17803 GILB_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/9/2024 14:57	40502 CRES_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/9/2024 14:58	40501 CRES_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/9/2024 14:58	54504 ENOL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/9/2024 14:59	17801 GILB_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/9/2024 14:59	28702 HAML_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/9/2024 14:59	40501 CRES_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/9/2024 15:00	17801 GILB_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/9/2024 15:00	40502 CRES_T2	0	13	13	0	0.28	0.28	0	0	0	0	0	0	0	0
3/9/2024 15:01	52003 LING_T1	1	0	-1	0.1	0	-0.1	0	0	0	0	0	0	0	0
3/9/2024 15:01	40503 CRES_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/9/2024 15:04	57306 MOAL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/9/2024 15:04	40502 CRES_T2	0	13	13	0	0.28	0.28	0	0	0	0	0	0	0	0
3/9/2024 15:04	46801 HEPB_T2	2	2	0	0.2	0.3	0.1	0	0	0	0	0	0	0	0
3/9/2024 15:05	57306 MOAL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/9/2024 15:05	63203 MGTN_T1	6	4	-2	0.1	0.1	0	0	0	0	0	0	0	0	0
3/9/2024 15:06	40603 PIGR_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/9/2024 15:06	52003 LING_T1	1	0	-1	0.1	0	-0.1	0	0	0	0	0	0	0	0
3/9/2024 15:06	17801 GILB_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/9/2024 15:07	67605 WARW_T1	0	3	3	0	0.23	0.23	0	0	0	0	0	0	0	0
3/9/2024 15:13	44301 BEAV_T2	6	8	2	0.52	0.39	-0.13	0	0	0	0	0	0	0	0
3/9/2024 15:15	65002 NEFF_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/9/2024 15:16	40101 HUNT_T2	1	1	0	1.3	1	-0.3	0	0	0	0	0	0	0	0
3/9/2024 15:18	40101 HUNT_T2	1	1	0	1.3	1	-0.3	0	0	0	0	0	0	0	0
3/9/2024 15:19	25502 MADI_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/9/2024 15:22	40601 PIGR_T1	3	0	-3	0.1	0	-0.1	0	0	0	0	0	0	0	0
3/9/2024 15:27	27101 GFLD_T2	0	2	2	0	5.1	5.1	0	0	0	0	0	0	0	0
3/9/2024 15:35	56503 ROCK_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/9/2024 15:36	65004 NEFF_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/9/2024 15:36	56501 ROCK_T2	3	3	0	0.27	0.13	-0.14	0	0	0	0	0	0	0	0
3/9/2024 15:37	46702 RENO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/9/2024 15:41	40502 CRES_T2	13	4	-9	0.28	0.1	-0.18	0	0	0	0	0	0	0	0
3/9/2024 15:46	40501 CRES_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/9/2024 15:46	40101 HUNT_T2	1	1	0	1.2	1.3	0.1	0	0	0	0	0	0	0	0
3/9/2024 15:49	42903 MIDD_T2	28	39	11	0.39	0.36	-0.03	0	0	0	0	0	0	0	0
3/9/2024 15:53	20403 ASHF_T2	0	1	1	0	0	0	0	0	0	0	0	0	0	0
3/9/2024 15:54	56802 BENV_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/9/2024 15:57	56802 BENV_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/9/2024 16:11	40502 CRES_T2	4	8	4	0.1	0.19	0.09	0	0	0	0	0	0	0	0
3/9/2024 16:11	40201 BEGA_T2	1	1	0	0.9	1	0.1	0	0	0	0	0	0	0	0
3/9/2024 16:13	40501 CRES_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/9/2024 16:18	65003 NEFF_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/9/2024 16:22	56803 BENV_T1	1	1	0	0.7	0	-0.7	0	0	0	0	0	0	0	0
3/9/2024 16:23	56801 BENV_T1	1	4	3	0.6	0.17	-0.43	0	0	0	0	0	0	0	0
3/9/2024 16:25	56801 BENV_T1	1	4	3	0.6	0.17	-0.43	0	0	0	0	0	0	0	0
3/9/2024 16:28	56801 BENV_T1	1	4	3	0.6	0.17	-0.43	0	0	0	0	0	0	0	0
3/9/2024 16:29	40101 HUNT_T2	1	1	0	1.4	1	-0.4	0	0	0	0	0	0	0	0
3/9/2024 16:35	20402 ASHF_T2	73	22	-51	0.41	0.77	0.36	0	0	0	0	0	0	0	0
3/9/2024 16:40	60201 ATGL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/9/2024 16:47	48303 ORWI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/9/2024 17:00	65002 NEFF_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/9/2024 17:37	65003 NEFF_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/9/2024 18:45	65002 NEFF_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/9/2024 18:53	29401 BELT_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/9/2024 18:54	29401 BELT_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/9/2024 20:00	17802 GILB_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/9/2024 20:00	29402 BELT_T1	1	2	1	5.6	5.9	0.3	0	0	0	0	0	0	0	0
3/9/2024 20:00	15701 TANN_T1	1	1	0	3.5	3.3	-0.2	0	0	0	0	0	0	0	0
3/9/2024 20:01	29402 BELT_T1	1	2	1	5.6	5.9	0.3	0	0	0	0	0	0	0	0
3/9/2024 20:02	17801 GILB_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/9/2024 20:07	12701 MACU_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/9/2024 20:11	28703 HAML_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/9/2024 20:12	11101 EGYP_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/9/2024 20:12	17802 GILB_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/9/2024 20:16	10801 CHHI_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/9/2024 20:17	12704 MACU_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/9/2024 20:17	13701 SCHN_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/9/2024 20:18	14404 SSLA_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/9/2024 20:18	12704 MACU_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/9/2024 20:22	63203 MGTN_T1	56	39	-17	0.24	0.19	-0.05	0	0	0	0	0	0	0	0
3/9/2024 20:22	11103 EGYP_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/9/2024 20:23	27102 GFLD_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/9/2024 20:24	41802 GOCI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/9/2024 20:26	25501 MADI_T1	3	5	2	1.47	0.88	-0.59	0	0	0	0	0	0	0	0
3/9/2024 20:29	64202 KINZ_T1	0	2	2	0	0.3	0.3	0	0	0	0	0	0	0	0
3/9/2024 20:30	64203 KINZ_T1	0	2	2	0	0.3	0.3	0	0	0	0	0	0	0	0
3/9/2024 20:30	61303 EARL_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/9/2024 20:30	64802 MONE_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/9/2024 20:30	60801 BUCK_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/9/2024 20:31	17805 GILB_T2	0	1	1	0	4	4	0	0	0	0	0	0	0	0
3/9/2024 20:31	40602 PIGR_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/9/2024 20:32	65001 NEFF_T2	83	106	23	0.14	0.15	0.01	0	0	0	0	0	0	0	0
3/9/2024 20:32	40503 CRES_T2	7	11	4	0.24	0.26	0.02	0	0	0	0	0	0	0	0
3/9/2024 20:32	60801 BUCK_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/9/2024 20:33	66702 STRA_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/9/2024 20:33	67502 WEWI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/9/2024 20:35	45502 DERR_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/9/2024 20:35	26002 WDAM_T1	24	37	13	0.27	0.28	0.01	0	0	0	0	0	0	0	0
3/9/2024 20:36	66505 SMAN_T2	3	3	0	0.83	0.83	0	0	0	0	0	0	0	0	0
3/9/2024 20:36	45502 DERR_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/9/2024 20:37	46203 DANV_T2	0	3	3	0	0.13	0.13	0	0	0	0	0	0	0	0
3/9/2024 20:37	64203 KINZ_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/9/2024 20:38	60201 ATGL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/9/2024 20:38	48303 ORWI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/9/2024 20:38	57401 SPAN_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/9/2024 20:39	52503 PROG_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/9/2024 20:39	47001 HUGH_T2	0	1	1	0	0.2	0.2	0	0	0	0	0	0	0	0
3/9/2024 20:39	64202 KINZ_T1	0	2	2	0	0.3	0.3	0	0	0	0	0	0	0	0
3/9/2024 20:40	67502 WEWI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/9/2024 20:40	40501 CRES_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/9/2024 20:41	65903 SAKR_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/9/2024 20:41	40502 CRES_T2	7	11	4	0.24	0.26	0.02	0	0	0	0	0	0	0	0
3/9/2024 20:42	47001 HUGH_T2	0	1	1	0	0.2	0.2	0	0	0	0	0	0	0	0
3/9/2024 20:42	57401 SPAN_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/9/2024 20:42	65804 RTWN_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/9/2024 20:43	55001 NEWP_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/9/2024 20:43	67503 WEWI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/9/2024 20:43	40501 CRES_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/9/2024 20:43	60201 ATGL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/9/2024 20:44	57403 SPAN_T1	0

3/9/2024 20:52	40101 HUNT_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/9/2024 20:53	53901 HALI_T2	92	3	-89	0.33	0.43	0.1	0	0	0	0	0	0	0	0
3/9/2024 20:53	56504 ROCK_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/9/2024 20:53	40501 CRES_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/9/2024 20:53	46302 ROHR_T1	3	5	2	0.93	0.56	-0.37	0	0	0	0	0	0	0	0
3/9/2024 20:53	57303 MOAL_T2	1	1	0	7.7	7.2	-0.5	0	0	0	0	0	0	0	0
3/9/2024 20:53	443401 BEAV_T2	8	13	5	0.55	0.62	0.07	0	0	0	0	0	0	0	0
3/9/2024 20:53	41602 CLEV_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/9/2024 20:53	40101 HUNT_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/9/2024 20:53	58401 MORO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/9/2024 20:54	56501 ROCK_T2	70	3	-67	0.19	0.13	-0.06	0	0	0	0	0	0	0	0
3/9/2024 20:54	56801 BENV_T1	8	15	7	0.55	0.9	0.35	0	0	0	0	0	0	0	0
3/9/2024 20:54	42803 SELI_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/9/2024 20:54	42903 MIDD_T2	23	97	74	0.4	0.34	-0.06	0	0	0	0	0	0	0	0
3/9/2024 20:54	56501 ROCK_T2	70	3	-67	0.19	0.13	-0.06	0	0	0	0	0	0	0	0
3/9/2024 20:54	40501 CRES_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/9/2024 20:54	55001 NEWP_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/9/2024 20:54	53903 HALI_T2	2	2	0	1.1	1.2	0.1	0	0	0	0	0	0	0	0
3/9/2024 20:54	47403 PENS_T1	0	2	2	0	0.15	0.15	0	0	0	0	0	0	0	0
3/9/2024 20:55	65904 SAKR_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/9/2024 20:55	67401 WAKE_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/9/2024 20:55	46206 DANV_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/9/2024 20:55	46801 HEPB_T2	2	4	2	0.25	0.33	0.08	0	0	0	0	0	0	0	0
3/9/2024 20:55	56803 BENV_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/9/2024 20:55	53903 HALI_T2	2	2	0	1.1	1.2	0.1	0	0	0	0	0	0	0	0
3/9/2024 20:55	42901 MIDD_T2	311	427	116	0.51	0.62	0.11	0	0	0	0	0	0	0	0
3/9/2024 20:55	56803 BENV_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/9/2024 20:56	40101 HUNT_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/9/2024 20:56	41601 CLEV_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/9/2024 20:56	41801 GOCI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/9/2024 20:56	52204 DEVO_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/9/2024 20:57	53903 HALI_T2	2	2	0	1.1	1.2	0.1	0	0	0	0	0	0	0	0
3/9/2024 20:57	45402 WBLO_T2	0	1	1	0	1.5	1.5	0	0	0	0	0	0	0	0
3/9/2024 20:57	42701 AUGU_T1	1	5	4	0.5	0.4	-0.1	0	0	0	0	0	0	0	0
3/9/2024 20:58	40501 CRES_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/9/2024 20:58	42803 SELI_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/9/2024 20:58	56503 ROCK_T2	1	0	-1	0.1	0	-0.1	0	0	0	0	0	0	0	0
3/9/2024 20:58	56801 BENV_T1	8	15	7	0.55	0.9	0.35	0	0	0	0	0	0	0	0
3/9/2024 20:59	42801 SELI_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/9/2024 20:59	56803 BENV_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/9/2024 20:59	40201 BEGA_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/9/2024 20:59	46702 RENO_T1	1	1	0	0.3	0.2	-0.1	0	0	0	0	0	0	0	0
3/9/2024 20:59	40101 HUNT_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/9/2024 20:59	42903 MIDD_T2	23	97	74	0.4	0.34	-0.06	0	0	0	0	0	0	0	0
3/9/2024 20:59	42701 AUGU_T1	1	5	4	0.5	0.4	-0.1	0	0	0	0	0	0	0	0
3/9/2024 21:00	46205 DANV_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/9/2024 21:00	42203 SHEN_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/9/2024 21:00	46803 HEPB_T2	0	2	2	0	0.2	0.2	0	0	0	0	0	0	0	0
3/9/2024 21:00	45402 WBLO_T2	1	1	0	0.1	1.5	1.4	0	0	0	0	0	0	0	0
3/9/2024 21:00	42903 MIDD_T2	30	99	69	0.39	0.34	-0.05	0	0	0	0	0	0	0	0
3/9/2024 21:00	42801 SELI_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/9/2024 21:01	56503 ROCK_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/9/2024 21:01	42903 MIDD_T2	123	195	72	0.73	0.66	-0.07	0	0	0	0	0	0	0	0
3/9/2024 21:01	443401 BEAV_T2	8	13	5	0.65	0.64	-0.01	0	0	0	0	0	0	0	0
3/9/2024 21:02	43202 MVIL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/9/2024 21:02	47401 PENS_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/9/2024 21:02	42803 SELI_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/9/2024 21:03	41901 REED_T1	2	8	6	0.3	0.3	0	0	0	0	0	0	0	0	0
3/9/2024 21:03	46801 HEPB_T2	3	4	1	0.3	0.43	0.13	0	0	0	0	0	0	0	0
3/9/2024 21:04	41902 REED_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/9/2024 21:04	42701 AUGU_T1	1	5	4	0.8	0.4	-0.4	0	0	0	0	0	0	0	0
3/9/2024 21:04	40101 HUNT_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/9/2024 21:05	46203 DANV_T2	2	20	18	0.15	0.2	0.05	0	0	0	0	0	0	0	0
3/9/2024 21:08	40903 JESH_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/9/2024 21:11	56504 ROCK_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/9/2024 21:34	65002 NEFF_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/9/2024 22:32	65005 NEFF_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/9/2024 22:44	52503 PROG_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/9/2024 23:40	65001 NEFF_T2	3	2	-1	0.1	0.1	0	0	0	0	0	0	0	0	0
3/10/2024 0:47	65001 NEFF_T2	56	126	70	0.13	0.15	0.02	0	0	0	0	0	0	0	0
3/10/2024 1:04	65001 NEFF_T2	125	73	-52	0.15	0.13	-0.02	0	0	0	0	0	0	0	0
3/10/2024 1:51	65002 NEFF_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/10/2024 2:44	65001 NEFF_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/10/2024 3:05	65003 NEFF_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/10/2024 3:46	65004 NEFF_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/10/2024 4:23	65004 NEFF_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/10/2024 5:26	65001 NEFF_T2	1	1	0	0.1	0.1	0	0	0	0	0	0	0	0	0
3/10/2024 5:42	65004 NEFF_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/10/2024 6:08	65004 NEFF_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/10/2024 6:29	65002 NEFF_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/10/2024 7:06	65003 NEFF_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/10/2024 8:03	65004 NEFF_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/10/2024 8:11	45502 DERR_T2	0	1	1	0	0	0	0	0	0	0	0	0	0	0
3/10/2024 8:19	65004 NEFF_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/10/2024 8:40	40502 CRES_T2	1	1	0	0.1	0.1	0	0	0	0	0	0	0	0	0
3/10/2024 9:01	65003 NEFF_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/10/2024 9:09	40501 CRES_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/10/2024 9:10	46203 DANV_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/10/2024 9:14	46202 DANV_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/10/2024 9:21	67402 WAKE_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/10/2024 9:23	29402 BELT_T1	1	7	6	6.4	6.7	0.3	0	0	0	0	0	0	0	0
3/10/2024 9:24	40501 CRES_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/10/2024 9:25	44504 HAMI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/10/2024 9:26	41802 GOCI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/10/2024 9:26	40502 CRES_T2	8	12	4	0.18	0.28	0.1	0	0	0	0	0	0	0	0
3/10/2024 9:28	41802 GOCI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/10/2024 9:28	65002 NEFF_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/10/2024 9:33	63203 MGTN_T1	33	41	8	0.17	0.17	0	0	0	0	0	0	0	0	0
3/10/2024 9:34	41902 REED_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/10/2024 9:35	42204 SHEN_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/10/2024 9:37	67401 WAKE_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/10/2024 9:37	26001 WDAM_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/10/2024 9:40	443402 BEAV_T2	95	117	22	0.36	0.34	-0.02	0	0	0	0	0	0	0	0
3/10/2024 9:41	60201 ATGL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/10/2024 9:41	44301 BEAV_T2	2	3	1	0.55	0.3	-0.25	0	0	0	0	0	0	0	0
3/10/2024 9:48	43202 MVIL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/10/2024 9:51	14401 SSLA_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/10/2024 9:52	56802 BENV_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/10/2024 9:52	67401 WAKE_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/10/2024 9:53	29402 BELT_T1	1	1	0	6.6	6.6	0	0	0	0	0	0	0	0	0
3/10/2024 9:53	29402 BELT_T1	1	1	0	6.6	6.6	0	0	0	0	0	0	0	0	0
3/10/2024 9:53	40501 CRES_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/10/2024 9:53	44301 BEAV_T2	2	2	0	0.25	0.5	0.25	0	0	0	0	0	0	0	0
3/10/2024 9:54	40501 CRES_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/10/2024 9:54	14401 SSLA_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/10/2024 9:55	10801 CHHI_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/10/2024 9:55	40502 CRES_T2	11	4	-7	0.2	0.1	-0.1	0	0	0	0	0	0	0	0
3/10/2024 9:56	40502 CRES_T2	11	4	-7	0.2	0.1	-0.1	0	0	0	0	0	0	0	0
3/10/2024 9:56	56802 BENV_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/10/2024 9:57	46201 DANV_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/10/2024 9:57	40501 CRES_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/10/2024 9:58	46203 DANV_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/10/2024 9:58	40502 CRES_T2	11	4	-7	0.2	0.1	-0.1	0	0	0	0	0	0	0	0
3/10/2024 10:00	59102 WALK_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/10/2024 10:00	65002 NEFF_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/10/2024 10:00	62607 ENGL_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/10/2024 10:00	17804 GILB_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/10/2024 10:00	58402 MORO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/10/2024 10:00	29402 BELT_T1	1	1	0	6.6	6.6	0	0	0	0	0	0	0	0	0
3/10/2024 10:00	17801 GILB_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/10/2024 10:00	66303 MCGO_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/10/2024 10:00	53502 EVIL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/10/2024 10:00	58003 WCAR_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/10/2024 10:00	58402 MORO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/10/2024 10:00	55001 NEWP_T1	0	3	3	0	0	0	0	0	0	0	0	0	0	0
3/10/2024 10:00	52001 LING_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/10/2024 10:00	40603 PIGR_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/10/2024 10:00	41901 REED_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/10/2024 10:00	53903 HALI_T2	2	2	0	0.75	0.55	-0.2	0	0	0	0	0	0	0	0
3/10/2024 10:00	46002 BERW_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/10/2024 10:00	24105 EHAZ_T1	4	4	0	6.23	6.1	-0.13	0	0	0	0	0	0	0	0
3/10/2024 10:00	43001 ALWD_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/10/2024 10:00	40505 CRES_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/10/2024 10:00	60801 BUCK_T1	0	1	1	0	0	0	0	0	0	0	0	0	0	0
3/10/2024 10:00	47101 MARL_T1	0	1	1	0	0	0	0	0	0	0	0	0	0	0
3/10/2024 10:00	48303 ORWI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/10/2024 10:00	45501 DERR_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/10/2024 10:00	16101 BING_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/10/2024 10:00	40501 CRES_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/10/2024 10:00	67401 WAKE_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/10/2024 10:04	42203 SHEN_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/10/2024 10:06	55001 NEWP_T1	0	3	3	0	0	0	0	0	0	0	0	0	0	0
3/10/2024 10:06	40201 BEGA_T2	0	1	1	0	0	0	0	0	0	0	0	0	0	0
3/10/2024 10:07	12304 LANA_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/10/2024 10:07	47104 MARL_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/10/2024 10:07	42301 MOWR_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/10/2024 10:07	46701 RENO_T1	37	87	50	0.36	0.32	-0.04	0	0	0	0	0	0	0	0
3/10/2024 10:07	42202 SHEN_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/10/2024 10:07	60701 BREC_T1	0	3	3	0	0.5	0.5	0	0	0	0	0	0	0	0
3/10/2024 10:08	54402 SUMM_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/10/2024 10:08	10801 CHHI_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/10/2024 10:08	42901 MIDD_T2	67	53	-14	0.23	0.19	-0.04	0	0	0	0	0	0	0	0
3/10/2024 10:08	40101 HUNT_T2	0	4	4	0	0	0	0	0	0	0	0	0	0	0
3/10/2024 10:09	20401 ASHF_T2	1	0	-1	0.5	0	-0.5	0	0	0	0	0	0	0	0
3/10/2024 10:09	46201 DANV_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/10/2024 10:09	40501 CRES_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/10/2024 10:09	443401 BEAV_T2	2	2	0	0.4	0.55	0.15	0	0	0	0	0	0	0	0
3/10/2024 10:09	29402 BELT_T1	1	1	0	6.6	6.6	0	0	0	0	0	0	0	0	0
3/10/2024 10:09	42701 AUGU_T1	1	1	0	0.2	0.1	-0.1	0	0	0	0	0	0	0	0
3/10/2024 10:10	29401 BELT_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/10/2024 10:10	45502 DERR_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/10/2024 10:10	40501 CRES_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/10/2024 10:11	46202 DANV_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/10/2024 10:11	40501 CRES_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/10/2024 10:11	60201 ATGL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/10/2024 10:11	42701 AUGU_T1	1	1	0	0.2	0.1	-0.1	0	0	0	0	0	0	0	0
3/10/2024 10:12	443401 BEAV_T2	2	2	0	0.4	0.55	0.15	0	0	0	0	0	0	0	0
3/10/2024 10:13	40501 CRES_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/10/2024 10:14	17805 GILB_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/10/2024 10:14	443401 BEAV_T2	2	2	0	0.4	0.55	0.15	0	0	0	0	0	0	0	0
3/10/2024 10:14	41802 GOCI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/10/2024 10:14	40501 CRES_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/10/2024 10:15	41802 GOCI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/10/2024 10:15	40501 CRES_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/10/2024 10:15	10801 CHHI_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/10/2024 10:16	46204 DANV_T2	0	7	7	0	0.2	0.2	0	0	0	0	0	0	0	0
3/10/2024 10:16	20403

3/10/2024 10:44	57303 MOAL_T2	1	1	0	7.5	7.6	0.1	0	0	0	0	0	0	0
3/10/2024 10:44	64203 KINZ_T1	0	1	1	0	0.6	0.6	0	0	0	0	0	0	0
3/10/2024 10:46	17802 GILB_T1	1	0	-1	0.4	0	-0.4	0	0	0	0	0	0	0
3/10/2024 10:46	57304 MOAL_T2	0	1	1	0	0	0	0	0	0	0	0	0	0
3/10/2024 10:46	48303 ORWI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
3/10/2024 10:47	42901 MIDD_T2	88	87	-1	0.21	0.27	0.06	0	0	0	0	0	0	0
3/10/2024 10:47	46801 HEPB_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
3/10/2024 10:47	13302 ORVI_T2	1	0	-1	0.5	0	-0.5	0	0	0	0	0	0	0
3/10/2024 10:47	28702 HAML_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
3/10/2024 10:51	27503 WEIS_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
3/10/2024 10:51	56503 ROCK_T2	0	1	1	0	0	0	0	0	0	0	0	0	0
3/10/2024 10:51	40601 PIGR_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
3/10/2024 10:54	28602 BLYT_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
3/10/2024 10:55	29401 BELT_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
3/10/2024 10:56	29401 BELT_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
3/10/2024 10:57	17801 GILB_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
3/10/2024 10:58	47001 HUGH_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
3/10/2024 10:58	40903 JESH_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
3/10/2024 10:59	46206 DANV_T2	5	7	2	0.68	0.25	-0.43	0	0	0	0	0	0	0
3/10/2024 11:01	25503 MADI_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
3/10/2024 11:02	65001 NEFF_T2	4	5	1	0.15	0.14	-0.01	0	0	0	0	0	0	0
3/10/2024 11:02	63203 MGTN_T1	3	0	-3	0.13	0	-0.13	0	0	0	0	0	0	0
3/10/2024 11:03	47002 HUGH_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
3/10/2024 11:04	64101 REFR_T1	0	1	1	0	0.2	0.2	0	0	0	0	0	0	0
3/10/2024 11:04	44601 SALE_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
3/10/2024 11:05	44601 SALE_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
3/10/2024 11:06	66505 SMAN_T2	0	2	2	0	0.15	0.15	0	0	0	0	0	0	0
3/10/2024 11:06	52006 LING_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
3/10/2024 11:06	14401 SSLA_T1	0	1	1	0	0	0	0	0	0	0	0	0	0
3/10/2024 11:06	45402 WBLO_T2	1	1	0	0.1	0.7	0.6	0	0	0	0	0	0	0
3/10/2024 11:06	67401 WAKE_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
3/10/2024 11:07	26002 WDAM_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
3/10/2024 11:08	67604 WARW_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
3/10/2024 11:08	55105 WERT_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
3/10/2024 11:08	45402 WBLO_T2	1	1	0	0.1	0.7	0.6	0	0	0	0	0	0	0
3/10/2024 11:12	53903 HALI_T2	2	3	1	0.8	0.83	0.03	0	0	0	0	0	0	0
3/10/2024 11:13	28801 LAKE_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
3/10/2024 11:13	53902 HALI_T2	1	1	0	5.3	5.3	0	0	0	0	0	0	0	0
3/10/2024 11:14	61305 EARL_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
3/10/2024 11:15	52004 LING_T2	1	2	1	0.4	0.45	0.05	0	0	0	0	0	0	0
3/10/2024 11:15	28803 LAKE_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
3/10/2024 11:16	55002 NEWP_T1	5	3	-2	0.2	0.33	0.13	0	0	0	0	0	0	0
3/10/2024 11:17	55001 NEWP_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
3/10/2024 11:17	47402 PENS_T1	0	1	1	0	0.6	0.6	0	0	0	0	0	0	0
3/10/2024 11:17	64201 KINZ_T1	1	9	8	0.2	0.24	0.04	0	0	0	0	0	0	0
3/10/2024 11:18	64204 KINZ_T1	2	2	0	0.55	0.9	0.35	0	0	0	0	0	0	0
3/10/2024 11:19	47401 PENS_T1	0	2	2	0	0.6	0.6	0	0	0	0	0	0	0
3/10/2024 11:20	42902 MIDD_T2	58	59	1	0.32	0.37	0.05	0	0	0	0	0	0	0
3/10/2024 11:22	47402 PENS_T1	0	1	1	0	0.6	0.6	0	0	0	0	0	0	0
3/10/2024 11:22	26002 WDAM_T1	0	1	1	0	0	0	0	0	0	0	0	0	0
3/10/2024 11:25	10805 CHHI_T2	7	1	-6	1.91	8.5	6.59	0	0	0	0	0	0	0
3/10/2024 11:29	40101 HUNT_T2	8	8	0	0.49	0	-0.49	0	0	0	0	0	0	0
3/10/2024 11:31	52002 LING_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
3/10/2024 11:32	42902 MIDD_T2	56	55	-1	0.37	0.34	-0.03	0	0	0	0	0	0	0
3/10/2024 11:34	52004 LING_T2	2	1	-1	0.45	0.2	-0.25	0	0	0	0	0	0	0
3/10/2024 11:35	42902 MIDD_T2	56	55	-1	0.37	0.34	-0.03	0	0	0	0	0	0	0
3/10/2024 11:35	42902 MIDD_T2	56	55	-1	0.37	0.34	-0.03	0	0	0	0	0	0	0
3/10/2024 11:36	52006 LING_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
3/10/2024 11:36	42202 SHEN_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
3/10/2024 11:36	52002 LING_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
3/10/2024 11:36	46701 RENO_T1	3	32	29	2.7	0.36	-2.34	0	0	0	0	0	0	0
3/10/2024 11:38	42202 SHEN_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
3/10/2024 11:38	41602 CLEV_T1	2	1	-1	0.4	0.2	-0.2	0	0	0	0	0	0	0
3/10/2024 11:38	27503 WEIS_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
3/10/2024 11:39	14403 SSLA_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
3/10/2024 11:39	60803 BUCK_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
3/10/2024 11:43	14404 SSLA_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
3/10/2024 11:43	40101 HUNT_T2	3	9	6	0.17	0.42	0.25	0	0	0	0	0	0	0
3/10/2024 11:46	40101 HUNT_T2	5	9	4	0.58	0.4	-0.18	0	0	0	0	0	0	0
3/10/2024 11:47	64201 KINZ_T1	5	6	1	0.14	0.17	0.03	0	0	0	0	0	0	0
3/10/2024 11:47	65002 NEFF_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
3/10/2024 11:48	40101 HUNT_T2	5	9	4	0.58	0.4	-0.18	0	0	0	0	0	0	0
3/10/2024 11:48	64201 KINZ_T1	5	6	1	0.14	0.17	0.03	0	0	0	0	0	0	0
3/10/2024 11:48	55002 NEWP_T1	2	2	0	0.1	0.5	0.4	0	0	0	0	0	0	0
3/10/2024 11:49	65005 NEFF_T2	0	1	1	0	0.1	0.1	0	0	0	0	0	0	0
3/10/2024 11:49	55002 NEWP_T1	2	2	0	0.1	0.5	0.4	0	0	0	0	0	0	0
3/10/2024 11:49	56503 ROCK_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
3/10/2024 11:50	65005 NEFF_T2	0	1	1	0	0.1	0.1	0	0	0	0	0	0	0
3/10/2024 11:50	14404 SSLA_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
3/10/2024 11:50	41601 CLEV_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
3/10/2024 11:50	55001 NEWP_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
3/10/2024 11:53	14401 SSLA_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
3/10/2024 11:53	29401 BELT_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
3/10/2024 11:54	65003 NEFF_T2	0	1	1	0	0.2	0.2	0	0	0	0	0	0	0
3/10/2024 11:54	29401 BELT_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
3/10/2024 11:54	29401 BELT_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
3/10/2024 11:54	60803 BUCK_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
3/10/2024 11:55	29401 BELT_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
3/10/2024 11:56	46201 DANV_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
3/10/2024 11:56	46201 DANV_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
3/10/2024 11:58	46202 DANV_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
3/10/2024 11:58	40101 HUNT_T2	5	9	4	0.58	0.4	-0.18	0	0	0	0	0	0	0
3/10/2024 11:59	40101 HUNT_T2	5	9	4	0.58	0.4	-0.18	0	0	0	0	0	0	0
3/10/2024 11:59	46206 DANV_T2	3	3	0	0.37	0.3	-0.07	0	0	0	0	0	0	0
3/10/2024 12:00	40101 HUNT_T2	9	4	-5	0.43	0.4	-0.03	0	0	0	0	0	0	0
3/10/2024 12:01	46801 HEPB_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
3/10/2024 12:01	40101 HUNT_T2	9	4	-5	0.43	0.4	-0.03	0	0	0	0	0	0	0
3/10/2024 12:02	40101 HUNT_T2	9	4	-5	0.43	0.4	-0.03	0	0	0	0	0	0	0
3/10/2024 12:03	65502 MOJO_T2	0	1	1	0	0.1	0.1	0	0	0	0	0	0	0
3/10/2024 12:05	65502 MOJO_T2	0	1	1	0	0.1	0.1	0	0	0	0	0	0	0
3/10/2024 12:08	66701 STRA_T1	1	0	-1	0.1	0	-0.1	0	0	0	0	0	0	0
3/10/2024 12:10	27502 WEIS_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
3/10/2024 12:13	56503 ROCK_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
3/10/2024 12:14	56503 ROCK_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
3/10/2024 12:17	46803 HEPB_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
3/10/2024 12:24	29401 BELT_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
3/10/2024 12:25	29401 BELT_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
3/10/2024 12:25	29401 BELT_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
3/10/2024 12:27	29402 BELT_T1	1	1	0	6	6.2	0.2	0	0	0	0	0	0	0
3/10/2024 12:36	14403 SSLA_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
3/10/2024 12:37	14404 SSLA_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
3/10/2024 12:41	60803 BUCK_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
3/10/2024 12:42	60801 BUCK_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
3/10/2024 12:44	40101 HUNT_T2	4	5	1	1.03	0.2	-0.83	0	0	0	0	0	0	0
3/10/2024 12:45	40101 HUNT_T2	4	4	0	0.2	0.3	0.1	0	0	0	0	0	0	0
3/10/2024 12:46	40101 HUNT_T2	4	4	0	0.2	0.3	0.1	0	0	0	0	0	0	0
3/10/2024 12:47	40101 HUNT_T2	4	4	0	0.2	0.3	0.1	0	0	0	0	0	0	0
3/10/2024 12:52	65002 NEFF_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
3/10/2024 13:01	55001 NEWP_T1	0	1	1	0	0.8	0.8	0	0	0	0	0	0	0
3/10/2024 13:02	55001 NEWP_T1	0	1	1	0	0.8	0.8	0	0	0	0	0	0	0
3/10/2024 13:03	55001 NEWP_T1	0	1	1	0	0.8	0.8	0	0	0	0	0	0	0
3/10/2024 13:04	55001 NEWP_T1	0	1	1	0	0.8	0.8	0	0	0	0	0	0	0
3/10/2024 13:06	58003 WCAR_T1	1	1	0	0.4	0.8	0.4	0	0	0	0	0	0	0
3/10/2024 13:09	41602 CLEV_T1	0	5	5	0	0.5	0.5	0	0	0	0	0	0	0
3/10/2024 13:09	58001 WCAR_T1	4	5	1	0.38	0.85	0.47	0	0	0	0	0	0	0
3/10/2024 13:12	41602 CLEV_T1	0	5	5	0	0.5	0.5	0	0	0	0	0	0	0
3/10/2024 13:16	52004 LING_T2	1	2	1	0.3	1.8	1.5	0	0	0	0	0	0	0
3/10/2024 13:21	52004 LING_T2	1	2	1	0.3	1.8	1.5	0	0	0	0	0	0	0
3/10/2024 13:39	65001 NEFF_T2	6	35	29	0.15	0.17	0.02	0	0	0	0	0	0	0
3/10/2024 13:40	29402 BELT_T1	2	1	-1	3.2	5.6	2.4	0	0	0	0	0	0	0
3/10/2024 13:41	52204 DEVO_T2	1	0	-1	0.2	0	-0.2	0	0	0	0	0	0	0
3/10/2024 13:44	40101 HUNT_T2	2	2	0	0.1	0.3	0.2	0	0	0	0	0	0	0
3/10/2024 13:45	63204 MGTN_T1	1	0	-1	0.1	0	-0.1	0	0	0	0	0	0	0
3/10/2024 13:47	40101 HUNT_T2	2	1	-1	0.3	0	-0.3	0	0	0	0	0	0	0
3/10/2024 13:57	28601 BLYT_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
3/10/2024 13:58	40101 HUNT_T2	2	1	-1	0.3	0	-0.3	0	0	0	0	0	0	0
3/10/2024 14:00	17803 GILB_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
3/10/2024 14:05	66303 MCGO_T2	1	1	0	0.2	0.3	0.1	0	0	0	0	0	0	0
3/10/2024 14:06	56503 ROCK_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
3/10/2024 14:08	67402 WAKE_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
3/10/2024 14:08	56501 ROCK_T2	1	2	1	0.3	0.2	-0.1	0	0	0	0	0	0	0
3/10/2024 14:09	67603 WARW_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
3/10/2024 14:09	40201 BEGA_T2	1	1	0	0.3	0.7	0.4	0	0	0	0	0	0	0
3/10/2024 14:10	29401 BELT_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
3/10/2024 14:10	67402 WAKE_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
3/10/2024 14:10	29402 BELT_T1	1	1	0	5.3	5.5	0.2	0	0	0	0	0	0	0
3/10/2024 14:11	43001 ALWD_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
3/10/2024 14:12	29401 BELT_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
3/10/2024 14:15	25501 MADI_T1	6	6	0	1.22	1.45	0.23	0	0	0	0	0	0	0
3/10/2024 14:16	65502 MOJO_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
3/10/2024 14:20	65502 MOJO_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
3/10/2024 14:23	29401 BELT_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
3/10/2024 14:23	67401 WAKE_T2	0	1	1	0	0.4	0.4	0	0	0	0	0	0	0
3/10/2024 14:26	67401 WAKE_T2	0	1	1	0	0.4	0.4	0	0	0	0	0	0	0
3/10/2024 14:26	46204 DANV_T2	17	0	-17	0.27	0	-0.27	0	0	0	0	0	0	0
3/10/2024 14:26	46204 DANV_T2	17	0	-17	0.27	0	-0.27	0	0	0	0	0	0	0
3/10/2024 14:26	29402 BELT_T1	1	1	0	5.3	5.5	0.2	0	0	0	0	0	0	0
3/10/2024 14:26	41601 CLEV_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
3/10/2024 14:26	29402 BELT_T1	1	1	0	5.3	5.5	0.2	0	0	0	0	0	0	0
3/10/2024 14:26	27102 GFLD_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
3/10/2024 14:27	17802 GILB_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
3/10/2024 14:27	60801 BUCK_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
3/10/2024 14:27	17804 GILB_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
3/10/2024 14:27	41601 CLEV_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
3/10/2024 14:27	43001 ALWD_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
3/10/2024 14:28	46206 DANV_T2	11	4	-7	0.73	1.1	0.37	0	0	0	0	0	0	0
3/10/2024 14:28	17801 GILB_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
3/10/2024 14:29	46205 DANV_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
3/10/2024 14:29	60102 COCA_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
3/10/2024 14:30	65502 MOJO_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
3/10/2024 14:30	17804 GILB_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
3/10/2024 14:31	17803 GILB_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
3/10/2024 14:31	64203 KINZ_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
3/10/2024 14:32	65002 NEFF_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
3/10/2024 14:32	17801 GILB_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
3/10/2024 14:32	65502 MOJO_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
3/10/2024 14:33	54001 SDLE_T1	4	4	0	0.58	0.78	0.2	0	0	0	0	0	0	0
3/10/2024 14:33	46801 HEPB_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
3/10/2024 14:34	54001 SDLE_T1	4	4	0	0.58	0.78	0.2	0	0	0	0	0	0	0
3/10/2024 14:34	59301 MCAL_T1	6	5	-1	0.35	0.32	-0.03	0	0	0	0	0	0	0
3/10/2024 14:35	66505 SMAN_T2	3	4	1	0.57	0.85	0.28	0	0	0	0	0	0	0
3/10/2024 14:36	67402 WAKE_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
3/10/2024 14:36	54001 SDLE_T1	4	4	0	0.58	0.78	0.2	0	0	0	0	0	0	0
3/10/2024 14:37	56503 ROCK_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
3/10/2024 14:38	67402 WAKE_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
3/10/2024 14:38	29402 BELT_T1	1	1	0	5.5	5.4	-0.1	0	0	0	0	0	0	0
3/10/2024 14:41	46205 DANV_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
3/10/2024 14:41	29402 BELT_T1	1	1	0	5.5	5.4	-0.1	0	0	0	0	0	0	0
3/10/2024 14:42	17805 GILB_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
3/10/2024 14:42	17803 GILB_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
3/10/2024 14:42	29401 BELT_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
3/10/2024 14:43	60801 BUCK_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
3/10/2024 14:44	46205 DANV_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
3/10/2024 14:44	17801 GILB_T1	0	0	0	0	0	0

3/10/2024 15:06	60605 NCOL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/10/2024 15:06	56504 ROCK_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/10/2024 15:06	56501 ROCK_T2	4	23	19	0.25	0.2	-0.05	0	0	0	0	0	0	0	0
3/10/2024 15:07	56501 ROCK_T2	4	23	19	0.25	0.2	-0.05	0	0	0	0	0	0	0	0
3/10/2024 15:08	56501 ROCK_T2	4	23	19	0.25	0.2	-0.05	0	0	0	0	0	0	0	0
3/10/2024 15:09	56504 ROCK_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/10/2024 15:09	46002 BERW_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/10/2024 15:10	20403 ASHF_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/10/2024 15:10	52204 DEVO_T2	0	2	2	0	0	0	0	0	0	0	0	0	0	0
3/10/2024 15:10	10705 CATA_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/10/2024 15:14	65005 NEFF_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/10/2024 15:18	42901 MIDD_T2	155	200	45	0.35	0.36	0.01	0	0	0	0	0	0	0	0
3/10/2024 15:20	60604 NCOL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/10/2024 15:21	60603 NCOL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/10/2024 15:24	20402 ASHF_T2	1	1	0	0.5	0.6	0.1	0	0	0	0	0	0	0	0
3/10/2024 15:24	60101 COCA_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/10/2024 15:25	20401 ASHF_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/10/2024 15:26	52202 DEVO_T2	1	1	0	0.7	0.5	-0.2	0	0	0	0	0	0	0	0
3/10/2024 15:30	65002 NEFF_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/10/2024 15:35	56501 ROCK_T2	14	6	-8	0.15	0.18	0.03	0	0	0	0	0	0	0	0
3/10/2024 15:38	14403 SSLA_T1	0	1	1	0	0.9	0.9	0	0	0	0	0	0	0	0
3/10/2024 15:40	40502 CRES_T2	0	7	7	0	0.23	0.23	0	0	0	0	0	0	0	0
3/10/2024 15:41	40501 CRES_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/10/2024 15:45	40101 HUNT_T2	2	5	3	0.4	0.13	-0.27	0	0	0	0	0	0	0	0
3/10/2024 15:48	40101 HUNT_T2	2	5	3	0.4	0.13	-0.27	0	0	0	0	0	0	0	0
3/10/2024 15:50	25503 MADI_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/10/2024 15:50	52503 PROG_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/10/2024 15:51	65003 NEFF_T2	1	1	0	0.5	0.3	-0.2	0	0	0	0	0	0	0	0
3/10/2024 15:53	28601 BLYT_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/10/2024 15:54	26001 WDAM_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/10/2024 15:54	40201 BEGA_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/10/2024 15:55	60701 BREC_T1	6	5	-1	0.63	0.58	-0.05	0	0	0	0	0	0	0	0
3/10/2024 15:57	60701 BREC_T1	6	5	-1	0.63	0.58	-0.05	0	0	0	0	0	0	0	0
3/10/2024 16:14	40101 HUNT_T2	5	3	-2	0.5	0.13	-0.37	0	0	0	0	0	0	0	0
3/10/2024 16:17	65003 NEFF_T2	1	0	-1	0.2	0	-0.2	0	0	0	0	0	0	0	0
3/10/2024 16:17	40101 HUNT_T2	3	7	4	0.13	0.4	0.27	0	0	0	0	0	0	0	0
3/10/2024 16:20	42202 SHEN_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/10/2024 16:22	20401 ASHF_T2	0	1	1	0	0	0	0	0	0	0	0	0	0	0
3/10/2024 16:26	20402 ASHF_T2	0	3	3	0	0	0	0	0	0	0	0	0	0	0
3/10/2024 16:30	40101 HUNT_T2	3	22	19	0.4	0.33	-0.07	0	0	0	0	0	0	0	0
3/10/2024 16:57	46203 DANV_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/10/2024 17:15	65002 NEFF_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/10/2024 17:29	40502 CRES_T2	0	7	7	0	0.16	0.16	0	0	0	0	0	0	0	0
3/10/2024 18:13	65001 NEFF_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/10/2024 18:18	40101 HUNT_T2	15	52	37	0.59	0.28	-0.31	0	0	0	0	0	0	0	0
3/10/2024 18:49	65002 NEFF_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/10/2024 19:51	65004 NEFF_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/10/2024 20:29	52204 DEVO_T2	3	6	3	0.9	0.5	-0.4	0	0	0	0	0	0	0	0
3/10/2024 20:41	28703 HAML_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/10/2024 20:48	46701 RENO_T1	10	4	-6	0.95	2.13	1.18	0	0	0	0	0	0	0	0
3/10/2024 20:50	17805 GILB_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/10/2024 20:50	48302 ORWI_T2	2	2	0	0.65	0.8	0.15	0	0	0	0	0	0	0	0
3/10/2024 20:54	57403 SPAN_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/10/2024 20:54	27503 WEIS_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/10/2024 20:54	29402 BELT_T1	1	4	3	5	3	-2	0	0	0	0	0	0	0	0
3/10/2024 20:54	20401 ASHF_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/10/2024 20:55	40502 CRES_T2	5	3	-2	0.22	0.13	-0.09	0	0	0	0	0	0	0	0
3/10/2024 20:55	27101 GFLD_T2	1	2	1	1	0	-1	0	0	0	0	0	0	0	0
3/10/2024 20:55	20401 ASHF_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/10/2024 20:55	57403 SPAN_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/10/2024 20:55	17802 GILB_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/10/2024 20:55	48302 ORWI_T2	2	2	0	0.65	0.8	0.15	0	0	0	0	0	0	0	0
3/10/2024 20:56	61302 EARL_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/10/2024 20:56	40501 CRES_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/10/2024 20:57	41801 GOCI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/10/2024 20:57	10805 CHHI_T2	10	6	-4	1.4	8.2	6.8	0	0	0	0	0	0	0	0
3/10/2024 20:58	45501 DERR_T2	3	1	-2	0.77	0	-0.77	0	0	0	0	0	0	0	0
3/10/2024 20:58	56504 ROCK_T2	0	1	1	0	0	0	0	0	0	0	0	0	0	0
3/10/2024 20:58	10805 CHHI_T2	10	6	-4	1.4	8.2	6.8	0	0	0	0	0	0	0	0
3/10/2024 20:58	17803 GILB_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/10/2024 20:59	64204 KINZ_T1	1	1	0	0.7	1.2	0.5	0	0	0	0	0	0	0	0
3/10/2024 20:59	40501 CRES_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/10/2024 21:00	42203 SHEN_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/10/2024 21:00	25503 MADI_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/10/2024 21:01	56501 ROCK_T2	2	4	2	1.15	0.3	-0.85	0	0	0	0	0	0	0	0
3/10/2024 21:01	28803 LAKE_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/10/2024 21:01	53903 HALI_T2	0	2	2	0	0.5	0.5	0	0	0	0	0	0	0	0
3/10/2024 21:01	40602 PIGR_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/10/2024 21:01	48302 ORWI_T2	2	2	0	0.6	1	0.4	0	0	0	0	0	0	0	0
3/10/2024 21:01	40502 CRES_T2	0	7	7	0	0.19	0.19	0	0	0	0	0	0	0	0
3/10/2024 21:01	45501 DERR_T2	1	0	-1	1.5	0	-1.5	0	0	0	0	0	0	0	0
3/10/2024 21:01	29401 BELT_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/10/2024 21:01	26002 WDAM_T1	2	2	0	1.85	1.75	-0.1	0	0	0	0	0	0	0	0
3/10/2024 21:02	60504 NMAN_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/10/2024 21:02	47002 HUGH_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/10/2024 21:02	65503 MOJO_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/10/2024 21:02	40502 CRES_T2	0	7	7	0	0.19	0.19	0	0	0	0	0	0	0	0
3/10/2024 21:02	10805 CHHI_T2	6	1	-5	1.53	8	6.47	0	0	0	0	0	0	0	0
3/10/2024 21:03	56802 BENV_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/10/2024 21:03	42203 SHEN_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/10/2024 21:03	29401 BELT_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/10/2024 21:03	13302 ORVI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/10/2024 21:03	10801 CHHI_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/10/2024 21:03	52503 PROG_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/10/2024 21:04	20402 ASHF_T2	1	105	104	0.4	0.74	0.34	0	0	0	0	0	0	0	0
3/10/2024 21:04	64201 KINZ_T1	0	7	7	0	0.27	0.27	0	0	0	0	0	0	0	0
3/10/2024 21:04	40502 CRES_T2	0	7	7	0	0.19	0.19	0	0	0	0	0	0	0	0
3/10/2024 21:04	65502 MOJO_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/10/2024 21:04	60701 BREC_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/10/2024 21:05	60102 COCA_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/10/2024 21:05	66504 SMAN_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/10/2024 21:05	47403 PENS_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/10/2024 21:05	51102 CARL_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/10/2024 21:05	29401 BELT_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/10/2024 21:05	40101 HUNT_T2	7	12	5	0.19	0.48	0.29	0	0	0	0	0	0	0	0
3/10/2024 21:05	17801 GILB_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/10/2024 21:05	56501 ROCK_T2	2	4	2	1.15	0.3	-0.85	0	0	0	0	0	0	0	0
3/10/2024 21:06	65005 NEFF_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/10/2024 21:06	57403 SPAN_T1	11	0	-11	1.73	0	-1.73	0	0	0	0	0	0	0	0
3/10/2024 21:06	52006 LING_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/10/2024 21:06	28801 LAKE_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/10/2024 21:06	61203 MGTN_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/10/2024 21:06	42701 AUGU_T1	0	1	1	0	0.4	0.4	0	0	0	0	0	0	0	0
3/10/2024 21:06	40501 CRES_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/10/2024 21:06	67605 WARW_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/10/2024 21:06	17802 GILB_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/10/2024 21:06	56503 ROCK_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/10/2024 21:07	46204 DANV_T2	40	37	-3	0.28	0.24	-0.04	0	0	0	0	0	0	0	0
3/10/2024 21:07	56503 ROCK_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/10/2024 21:07	47002 HUGH_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/10/2024 21:07	42901 MIDD_T2	80	121	41	0.24	0.31	0.07	0	0	0	0	0	0	0	0
3/10/2024 21:07	44301 BEAV_T2	2	8	6	0.85	0.41	-0.44	0	0	0	0	0	0	0	0
3/10/2024 21:07	56802 BENV_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/10/2024 21:07	17802 GILB_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/10/2024 21:08	12704 MACU_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/10/2024 21:08	40101 HUNT_T2	7	12	5	0.19	0.48	0.29	0	0	0	0	0	0	0	0
3/10/2024 21:08	10707 CATA_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/10/2024 21:08	60201 ATGL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/10/2024 21:09	67402 WAKE_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/10/2024 21:09	46204 DANV_T2	40	37	-3	0.28	0.24	-0.04	0	0	0	0	0	0	0	0
3/10/2024 21:09	40502 CRES_T2	0	7	7	0	0.19	0.19	0	0	0	0	0	0	0	0
3/10/2024 21:09	12701 MACU_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/10/2024 21:09	57301 MOAL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/10/2024 21:09	67605 WARW_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/10/2024 21:09	46302 ROHR_T1	3	3	0	1.17	0.55	-0.62	0	0	0	0	0	0	0	0
3/10/2024 21:09	56601 HAMP_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/10/2024 21:09	44601 SALE_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/10/2024 21:09	29401 BELT_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/10/2024 21:10	46206 DANV_T2	0	4	4	0	0	0	0	0	0	0	0	0	0	0
3/10/2024 21:10	41601 CLEV_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/10/2024 21:10	64201 KINZ_T1	0	7	7	0	0.27	0.27	0	0	0	0	0	0	0	0
3/10/2024 21:10	56504 ROCK_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/10/2024 21:10	40501 CRES_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/10/2024 21:10	46202 DANV_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/10/2024 21:10	42901 MIDD_T2	80	121	41	0.24	0.31	0.07	0	0	0	0	0	0	0	0
3/10/2024 21:10	55001 NEWP_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/10/2024 21:10	29402 BELT_T1	3	3	0	2.17	5.4	3.23	0	0	0	0	0	0	0	0
3/10/2024 21:10	56503 ROCK_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/10/2024 21:10	40601 PIGR_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/10/2024 21:11	65005 NEFF_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/10/2024 21:11	40101 HUNT_T2	7	12	5	0.19	0.48	0.29	0	0	0	0	0	0	0	0
3/10/2024 21:11	57303 MOAL_T2	1	1	0	8.3	8.3	0	0	0	0	0	0	0	0	0
3/10/2024 21:11	45501 DERR_T2	1	0	-1	1.5	0	-1.5	0	0	0	0	0	0	0	0
3/10/2024 21:11	55001 NEWP_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/10/2024 21:11	60801 BUCK_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/10/2024 21:11	40601 PIGR_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/10/2024 21:11	20401 ASHF_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/10/2024 21:11	43001 ALWD_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/10/2024 21:11	40501 CRES_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/10/2024 21:11	41201 MVIL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/10/2024 21:12	46801 HEPB_T2	2	2	0	0.3	0.55	0.25	0	0	0	0	0	0	0	0
3/10/2024 21:12	20402 ASHF_T2	1	105	104	0.4	0.74	0.34	0	0	0	0	0	0	0	0
3/10/2024 21:12	40501 CRES_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/10/2024 21:12	55002 NEWP_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/10/2024 21:12	52503 PROG_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/10/2024 21:12	47403 PENS_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/10/2024 21:12	45402 WBLO_T2	0	1	1	0	0.3	0.3	0	0	0	0	0	0	0	0
3/10/2024 21:12	58401 MORO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/10/2024 21:12	54001 SDLE_T1	1	1	0	0.7	0.3	-0.4	0	0	0	0	0	0	0	0
3/10/2024 21:13	40502 CRES_T2	0	7	7	0	0.19	0.19	0	0	0	0	0	0	0	0
3/10/2024 21:13	52004 LING_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/10/2024 21:13	46203 DANV_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/10/2024 21:13	44302 BEAV_T2	92	155	63	0.42	0.48	0.06	0	0	0	0	0	0	0	0
3/10/2024 21:13	42901 MIDD_T2	80	121	41	0.24	0.31	0.07	0	0	0	0	0	0	0	0
3/10/2024 21:13	54001 SDLE_T1	1	1	0	0.7	0.3	-0.4	0	0	0	0	0	0	0	0
3/10/2024 21:13	46204 DANV_T2	40	37	-3	0.28	0.24	-0.04	0	0	0	0	0	0	0	0
3/10/2024 21:13	28601 BLYT_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/10/2024 21:13	60604 NCOL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/10/2024 21:13	44601 SALE_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/10/2024 21:13	55002 NEWP_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/10/2024 21:13	56504 ROCK_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/10/2024 21:14	66501 SMAN_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/10/2024 21:14	56501 ROCK_T2	2	4	2	1.15	0.3	-0.85	0	0	0	0	0	0	0	0
3/10/2024 21:14	12701 MACU_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/10/2024 21:14	40902 JESH_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/10/2024 21:14	40502 CRES_T2	0	7	7	0	0.19	0.19	0

3/11/2024 3:03	65001 NEFF_T2	93	9	-84	0.15	0.14	-0.01	0	0	0	0	0	0	0
3/11/2024 3:29	65001 NEFF_T2	9	9	0	0.14	0.13	-0.01	0	0	0	0	0	0	0
3/11/2024 4:22	65001 NEFF_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
3/11/2024 4:43	65003 NEFF_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
3/11/2024 4:58	65002 NEFF_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
3/11/2024 5:19	65001 NEFF_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
3/11/2024 5:45	65004 NEFF_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
3/11/2024 5:56	65004 NEFF_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
3/11/2024 6:17	65004 NEFF_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
3/11/2024 6:59	65004 NEFF_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
3/11/2024 7:30	65001 NEFF_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
3/11/2024 7:46	65003 NEFF_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
3/11/2024 8:02	48301 ORWI_T1	2	2	0	4.3	4.4	0.1	0	0	0	0	0	0	0
3/11/2024 8:11	45502 DERR_T2	2	2	0	0.25	0.6	0.35	0	0	0	0	0	0	0
3/11/2024 8:11	40101 HUNT_T2	247	214	-33	0.81	0.5	-0.31	0	0	0	0	0	0	0
3/11/2024 8:12	65003 NEFF_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
3/11/2024 8:20	29401 BELT_T1	0	11	11	0	0.13	0.13	0	0	0	0	0	0	0
3/11/2024 8:23	24101 EHAZ_T1	17	38	21	0.61	0.76	0.15	0	0	0	0	0	0	0
3/11/2024 8:38	53602 DALM_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
3/11/2024 8:48	24104 EHAZ_T1	67	78	11	0.26	0.28	0.02	0	0	0	0	0	0	0
3/11/2024 8:49	65004 NEFF_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
3/11/2024 8:51	46206 DANV_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
3/11/2024 8:52	29402 BELT_T1	1	2	1	7.9	4.15	-3.75	0	0	0	0	0	0	0
3/11/2024 8:53	54505 ENOL_T2	1	1	0	0.3	0.7	0.4	0	0	0	0	0	0	0
3/11/2024 8:56	54502 ENOL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
3/11/2024 8:58	46101 MACI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
3/11/2024 9:06	20403 ASHF_T2	1	9	8	0.1	0.26	0.16	0	0	0	0	0	0	0
3/11/2024 9:07	20402 ASHF_T2	1	0	-1	0.2	0	-0.2	0	0	0	0	0	0	0
3/11/2024 9:12	40101 HUNT_T2	389	201	-188	1.05	0.48	-0.57	0	0	0	0	0	0	0
3/11/2024 9:21	65004 NEFF_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
3/11/2024 9:21	29401 BELT_T1	24	45	21	0.22	0.22	0	0	0	0	0	0	0	0
3/11/2024 9:24	29401 BELT_T1	24	45	21	0.22	0.22	0	0	0	0	0	0	0	0
3/11/2024 9:26	20603 GRWO_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
3/11/2024 9:27	29401 BELT_T1	24	45	21	0.22	0.22	0	0	0	0	0	0	0	0
3/11/2024 9:29	59001 MIFF_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
3/11/2024 9:35	56802 BENV_T2	12	23	11	0.22	0.23	0.01	0	0	0	0	0	0	0
3/11/2024 9:36	56802 BENV_T2	12	23	11	0.22	0.23	0.01	0	0	0	0	0	0	0
3/11/2024 9:38	56802 BENV_T2	12	23	11	0.22	0.23	0.01	0	0	0	0	0	0	0
3/11/2024 9:40	54506 ENOL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
3/11/2024 9:41	41802 GOCI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
3/11/2024 9:41	46204 DANV_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
3/11/2024 9:42	41802 GOCI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
3/11/2024 9:42	59301 MCAL_T1	3	3	0	0.33	0.57	0.24	0	0	0	0	0	0	0
3/11/2024 9:45	46302 ROHR_T1	2	2	0	1.65	1.55	-0.1	0	0	0	0	0	0	0
3/11/2024 9:45	43202 MVIL_T2	1	1	0	0.4	0.5	0.1	0	0	0	0	0	0	0
3/11/2024 9:45	46701 RENO_T1	2	2	0	4.6	4.9	0.3	0	0	0	0	0	0	0
3/11/2024 9:46	41903 REED_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
3/11/2024 9:46	26001 WDAM_T1	2	2	0	0.2	0	-0.2	0	0	0	0	0	0	0
3/11/2024 9:48	41902 REED_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
3/11/2024 9:48	46301 ROHR_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
3/11/2024 9:51	14404 SSLA_T1	31	63	32	0.17	0.2	0.03	0	0	0	0	0	0	0
3/11/2024 9:51	67401 WAKE_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
3/11/2024 9:52	65001 NEFF_T2	0	1	1	0	0.2	0.2	0	0	0	0	0	0	0
3/11/2024 9:53	14402 SSLA_T1	21	35	14	0.16	0.22	0.06	0	0	0	0	0	0	0
3/11/2024 9:58	55002 NEWP_T1	5	5	0	1.16	1.2	0.04	0	0	0	0	0	0	0
3/11/2024 9:59	53903 HALI_T2	2	2	0	1.1	1.2	0.1	0	0	0	0	0	0	0
3/11/2024 10:00	41902 REED_T1	0	1	1	0	0.2	0.2	0	0	0	0	0	0	0
3/11/2024 10:00	45501 DERR_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
3/11/2024 10:00	16103 BING_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
3/11/2024 10:00	14403 SSLA_T1	6	13	7	0.25	0.34	0.09	0	0	0	0	0	0	0
3/11/2024 10:00	17804 GILB_T2	1	1	0	0.5	1.4	0.9	0	0	0	0	0	0	0
3/11/2024 10:00	42203 SHEN_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
3/11/2024 10:00	47402 PENS_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
3/11/2024 10:00	47101 MARL_T1	0	1	1	0	0	0	0	0	0	0	0	0	0
3/11/2024 10:00	65003 NEFF_T2	1	2	1	0.1	0.1	0	0	0	0	0	0	0	0
3/11/2024 10:00	29402 BELT_T1	1	15	14	6.9	7	0.1	0	0	0	0	0	0	0
3/11/2024 10:00	20401 ASHF_T2	0	969	969	0	0	0	0	0	0	0	0	0	0
3/11/2024 10:00	42902 MIDD_T2	1	2	1	0.1	0.4	0.3	0	0	0	0	0	0	0
3/11/2024 10:00	10801 CHNI_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
3/11/2024 10:00	52004 LING_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
3/11/2024 10:00	53501 EVIL_T2	5	5	0	0.76	0.94	0.18	0	0	0	0	0	0	0
3/11/2024 10:00	47104 MARL_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
3/11/2024 10:00	42701 AUGU_T1	0	2	2	0	0.25	0.25	0	0	0	0	0	0	0
3/11/2024 10:00	62605 ENGL_T1	1	2	1	0.5	0.35	-0.15	0	0	0	0	0	0	0
3/11/2024 10:00	58402 MORO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
3/11/2024 10:00	60803 BUCK_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
3/11/2024 10:00	40602 PIGR_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
3/11/2024 10:00	43001 ALWD_T1	1	1	0	0.1	0.3	0.2	0	0	0	0	0	0	0
3/11/2024 10:00	42301 MOWR_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
3/11/2024 10:00	40201 BEGA_T2	1	1	0	0.9	1.7	0.8	0	0	0	0	0	0	0
3/11/2024 10:00	40505 CRES_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
3/11/2024 10:00	60701 BREC_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
3/11/2024 10:00	58003 WCAR_T1	1	0	-1	0.1	0	-0.1	0	0	0	0	0	0	0
3/11/2024 10:00	46004 BERW_T2	0	3	3	0	4.15	4.15	0	0	0	0	0	0	0
3/11/2024 10:00	55002 NEWP_T1	5	10	5	1.2	1.02	-0.18	0	0	0	0	0	0	0
3/11/2024 10:00	66303 MCGO_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
3/11/2024 10:01	60502 NMAN_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
3/11/2024 10:01	12701 MACU_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
3/11/2024 10:02	67203 TEHI_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
3/11/2024 10:04	67203 TEHI_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
3/11/2024 10:04	16302 ALPA_T2	2	7	5	0.35	0.26	-0.09	0	0	0	0	0	0	0
3/11/2024 10:05	56802 BENV_T2	19	9	-10	0.25	0.26	0.01	0	0	0	0	0	0	0
3/11/2024 10:05	16302 ALPA_T2	2	7	5	0.35	0.26	-0.09	0	0	0	0	0	0	0
3/11/2024 10:06	52003 LING_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
3/11/2024 10:06	29401 BELT_T1	0	1	1	0	0.1	0.1	0	0	0	0	0	0	0
3/11/2024 10:06	56802 BENV_T2	19	9	-10	0.25	0.26	0.01	0	0	0	0	0	0	0
3/11/2024 10:06	16302 ALPA_T2	2	7	5	0.35	0.26	-0.09	0	0	0	0	0	0	0
3/11/2024 10:06	10801 CHNI_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
3/11/2024 10:07	24103 EHAZ_T1	4	4	0	1.35	0.8	-0.55	0	0	0	0	0	0	0
3/11/2024 10:07	43001 ALWD_T1	1	1	0	0.1	0.3	0.2	0	0	0	0	0	0	0
3/11/2024 10:07	48302 ORWI_T2	2	2	0	1.2	1.4	0.2	0	0	0	0	0	0	0
3/11/2024 10:07	67401 WAKE_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
3/11/2024 10:07	54603 SUMM_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
3/11/2024 10:07	56802 BENV_T2	19	9	-10	0.25	0.26	0.01	0	0	0	0	0	0	0
3/11/2024 10:07	55001 NEWP_T1	1	2	1	0.2	0.55	0.35	0	0	0	0	0	0	0
3/11/2024 10:07	53501 EVIL_T2	5	5	0	0.76	0.94	0.18	0	0	0	0	0	0	0
3/11/2024 10:08	41801 GOCI_T2	2	70	68	0.5	0.29	-0.21	0	0	0	0	0	0	0
3/11/2024 10:08	67602 WARW_T2	1	1	0	0.1	0.4	0.3	0	0	0	0	0	0	0
3/11/2024 10:08	16302 ALPA_T2	2	7	5	0.35	0.26	-0.09	0	0	0	0	0	0	0
3/11/2024 10:08	53502 EVIL_T2	1	1	0	0.6	0	-0.6	0	0	0	0	0	0	0
3/11/2024 10:08	56802 BENV_T2	19	9	-10	0.25	0.26	0.01	0	0	0	0	0	0	0
3/11/2024 10:09	20402 ASHF_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
3/11/2024 10:09	67602 WARW_T2	1	1	0	0.1	0.4	0.3	0	0	0	0	0	0	0
3/11/2024 10:09	25501 MADI_T1	23	15	-8	0.38	0	-0.38	0	0	0	0	0	0	0
3/11/2024 10:09	29401 BELT_T1	0	1	1	0	0.1	0.1	0	0	0	0	0	0	0
3/11/2024 10:09	56802 BENV_T2	19	9	-10	0.25	0.26	0.01	0	0	0	0	0	0	0
3/11/2024 10:09	43001 ALWD_T1	1	1	0	0.1	0.3	0.2	0	0	0	0	0	0	0
3/11/2024 10:10	46203 DANV_T2	101	99	-2	0.46	0.47	0.01	0	0	0	0	0	0	0
3/11/2024 10:10	53501 EVIL_T2	5	5	0	0.76	0.94	0.18	0	0	0	0	0	0	0
3/11/2024 10:11	59001 MIFF_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
3/11/2024 10:11	16302 ALPA_T2	2	7	5	0.35	0.26	-0.09	0	0	0	0	0	0	0
3/11/2024 10:12	26002 WDAM_T1	2	3	1	2.05	0	-2.05	0	0	0	0	0	0	0
3/11/2024 10:12	41802 GOCI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
3/11/2024 10:13	57301 MOAL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
3/11/2024 10:14	55001 NEWP_T1	1	2	1	0.2	0.55	0.35	0	0	0	0	0	0	0
3/11/2024 10:14	58402 MORO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
3/11/2024 10:14	56504 ROCK_T2	1	1	0	0.5	0.6	0.1	0	0	0	0	0	0	0
3/11/2024 10:14	57301 MOAL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
3/11/2024 10:14	64801 MONE_T2	23	22	-1	0.3	0.34	0.04	0	0	0	0	0	0	0
3/11/2024 10:15	17802 GILB_T1	5	2	-3	0.44	1.15	0.71	0	0	0	0	0	0	0
3/11/2024 10:15	43202 MVIL_T2	1	2	1	0.1	0.3	0.2	0	0	0	0	0	0	0
3/11/2024 10:15	46803 HEPB_T2	1	4	3	0.9	0.35	-0.55	0	0	0	0	0	0	0
3/11/2024 10:16	46702 RENO_T1	0	1	1	0	0.2	0.2	0	0	0	0	0	0	0
3/11/2024 10:16	46301 ROHR_T1	0	1	1	0	0.1	0.1	0	0	0	0	0	0	0
3/11/2024 10:16	17803 GILB_T2	0	6	6	0	9.15	9.15	0	0	0	0	0	0	0
3/11/2024 10:17	52503 PROG_T2	0	1	1	0	0.4	0.4	0	0	0	0	0	0	0
3/11/2024 10:17	56504 ROCK_T2	1	1	0	0.6	0.7	0.1	0	0	0	0	0	0	0
3/11/2024 10:18	67502 WEWI_T2	2	7	5	0.65	0.59	-0.06	0	0	0	0	0	0	0
3/11/2024 10:19	65002 NEFF_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
3/11/2024 10:19	67503 WEWI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
3/11/2024 10:19	46301 ROHR_T1	0	1	1	0	0.1	0.1	0	0	0	0	0	0	0
3/11/2024 10:21	43304 WATS_T2	0	1	1	0	0	0	0	0	0	0	0	0	0
3/11/2024 10:21	28601 BLYT_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
3/11/2024 10:22	29401 BELT_T1	0	1	1	0	0.1	0.1	0	0	0	0	0	0	0
3/11/2024 10:22	62605 ENGL_T1	1	2	1	0.5	0.4	-0.1	0	0	0	0	0	0	0
3/11/2024 10:22	67502 WEWI_T2	2	7	5	0.65	0.59	-0.06	0	0	0	0	0	0	0
3/11/2024 10:23	67502 WEWI_T2	2	7	5	0.65	0.59	-0.06	0	0	0	0	0	0	0
3/11/2024 10:23	45501 DERR_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
3/11/2024 10:23	46202 DANV_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
3/11/2024 10:24	45502 DERR_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
3/11/2024 10:25	62604 ENGL_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
3/11/2024 10:25	46204 DANV_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
3/11/2024 10:25	53901 HALI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
3/11/2024 10:25	20401 ASHF_T2	658	0	-658	8.82	0	-8.82	0	0	0	0	0	0	0
3/11/2024 10:26	62605 ENGL_T1	1	2	1	0.5	0.4	-0.1	0	0	0	0	0	0	0
3/11/2024 10:26	62607 ENGL_T1	1	1	0	0.1	0.4	0.3	0	0	0	0	0	0	0
3/11/2024 10:26	45501 DERR_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
3/11/2024 10:27	53903 HALI_T2	2	3	1	0.75	0.93	0.18	0	0	0	0	0	0	0
3/11/2024 10:31	53901 HALI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
3/11/2024 10:34	42204 SHEN_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
3/11/2024 10:35	14403 SSLA_T1	13	15	2	0.34	0.36	0.02	0	0	0	0	0	0	0
3/11/2024 10:37	60201 ATGL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
3/11/2024 10:37	15001 BLMO_T1	0	2	2	0	0.3	0.3	0	0	0	0	0	0	0
3/11/2024 10:38	41801 GOCI_T2	68	101	33	0.27	0.42	0.15	0	0	0	0	0	0	0
3/11/2024 10:38	15001 BLMO_T1	0	2	2	0	0.3	0.3	0	0	0	0	0	0	0
3/11/2024 10:39	43304 WATS_T2	0	1	1	0	0	0	0	0	0	0	0	0	0
3/11/2024 10:40	62601 ENGL_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
3/11/2024 10:40	15001 BLMO_T1	0	2	2	0	0.3	0.3	0	0	0	0	0	0	0
3/11/2024 10:41	40101 HUNT_T2	19	26	7	0.43	0.18	-0.25	0	0	0	0	0	0	0
3/11/2024 10:42	59001 MIFF_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
3/11/2024 10:43	15701 TANN_T1	1	180	179	3.1	2.6	-0.5	0	0	0	0	0	0	0
3/11/2024 10:44	64202 KINZ_T1	1	2	1	0.1	0.15	0.05	0	0	0	0	0	0	0
3/11/2024 10:45	40101 HUNT_T2	23	15	-8	0.35	0.2	-0.15	0	0	0	0	0	0	0
3/11/2024 10:45	17002 RIRO_T2	1	1	0	1	1.2	0.2	0	0	0	0	0	0	0
3/11/2024 10:45	48301 ORWI_T1	2	3	1	4.25	4.55	0.3	0	0	0	0	0	0	0
3/11/2024 10:47	57403 SPAN_T1	5	2	-3	0.22	0.35	0.13	0	0	0	0	0	0	0
3/11/2024 10:47	42903 MIDD_T2	2	2	0	0.25	0.35	0.1	0	0	0	0	0	0	0
3/11/2024 10:48	28704 HAML_T2	188	193	5	1.07	1.13	0.06	0	0	0	0	0	0	0
3/11/2024 10:48	43802 SWIL_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
3/11/2024 10:49	57401 SPAN_T1	2	2	0	0.65	0.15	-0.5	0	0	0	0	0	0	0
3/11/2024 10:49	47403 PENS_T1	3	6	3	0.23	0.45	0.22	0	0	0	0	0	0	0
3/11/2024 10:50	17801 GILB_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
3/11/2024 10:50	57403 SPAN_T1	5	2	-3	0.22	0.35	0.13	0	0	0	0	0	0	0
3/11/2024 10:50	45402 WBLO_T2	2	6	4	0.2	0.38	0.18	0	0	0	0	0	0	0
3/11/2024 10:51	25502 MADI_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
3/11/2024 10:51	67401 WAKE_T2	1	0	-1	0.1	0	-0.1	0	0	0	0	0	0	0
3/11/2024 10:51	43801 SWIL_T1	1	7	6	4.5	0.74	-3.76	0	0	0	0	0	0	0
3/11/2024 10:51	29401 BELT_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
3/11/2024 10:51	45402 WBLO_T2	2	6	4	0.2	0.38	0.18	0	0	0	0	0	0	0
3/11/2024 10:53	54503 ENOL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
3/11/2024 10:55	54504 ENOL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
3/11/2024 10:56	46801 HEPB_T2	3	3	0	0.2	0.77	0.57	0	0	0

3/11/2024 11:16	40602 PIGR_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/11/2024 11:17	40603 PIGR_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/11/2024 11:17	67002 STHI_T2	35	51	16	0.29	0.33	0.04	0	0	0	0	0	0	0	0
3/11/2024 11:18	13302 ORVI_T2	4	6	2	0.53	0.4	-0.13	0	0	0	0	0	0	0	0
3/11/2024 11:18	60801 BUCK_T1	0	1	1	0	0.3	0.3	0	0	0	0	0	0	0	0
3/11/2024 11:18	55001 NEWP_T1	3	2	-1	0.87	0.75	-0.12	0	0	0	0	0	0	0	0
3/11/2024 11:18	44601 SALE_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/11/2024 11:19	67001 STHI_T2	21	123	102	0.23	0.14	-0.09	0	0	0	0	0	0	0	0
3/11/2024 11:19	44601 SALE_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/11/2024 11:20	66703 STRA_T1	2	2	0	0.35	0.5	0.15	0	0	0	0	0	0	0	0
3/11/2024 11:20	67002 STHI_T2	35	51	16	0.29	0.33	0.04	0	0	0	0	0	0	0	0
3/11/2024 11:21	67204 TEHI_T2	1	3	2	0.5	0.4	-0.1	0	0	0	0	0	0	0	0
3/11/2024 11:21	55105 WERT_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/11/2024 11:22	67001 STHI_T2	21	123	102	0.23	0.14	-0.09	0	0	0	0	0	0	0	0
3/11/2024 11:22	54505 ENOL_T2	2	2	0	0.4	0.7	0.3	0	0	0	0	0	0	0	0
3/11/2024 11:22	17803 GILB_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/11/2024 11:23	45501 DERR_T2	0	1	1	0	0.3	0.3	0	0	0	0	0	0	0	0
3/11/2024 11:23	44802 EDAN_T2	0	1	1	0	0.2	0.2	0	0	0	0	0	0	0	0
3/11/2024 11:23	54506 ENOL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/11/2024 11:24	45502 DERR_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/11/2024 11:24	54504 ENOL_T2	0	1	1	0	0.7	0.7	0	0	0	0	0	0	0	0
3/11/2024 11:25	54506 ENOL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/11/2024 11:25	54504 ENOL_T2	0	1	1	0	0.7	0.7	0	0	0	0	0	0	0	0
3/11/2024 11:26	27502 WEIS_T2	0	3	3	0	0	0	0	0	0	0	0	0	0	0
3/11/2024 11:26	54503 ENOL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/11/2024 11:26	64703 LITI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/11/2024 11:26	54502 ENOL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/11/2024 11:26	44801 EDAN_T2	1	2	1	0.1	0.2	0.1	0	0	0	0	0	0	0	0
3/11/2024 11:27	44802 EDAN_T2	0	1	1	0	0.2	0.2	0	0	0	0	0	0	0	0
3/11/2024 11:27	62601 ENGL_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/11/2024 11:27	54501 ENOL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/11/2024 11:28	17803 GILB_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/11/2024 11:29	40101 HUNT_T2	8	7	-1	0.41	0.1	-0.31	0	0	0	0	0	0	0	0
3/11/2024 11:29	64703 LITI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/11/2024 11:30	43201 MVIL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/11/2024 11:30	42701 AUGU_T1	1	4	3	0.2	0.4	0.2	0	0	0	0	0	0	0	0
3/11/2024 11:31	42002 MNVL_T2	1	1	0	6.8	6.6	-0.2	0	0	0	0	0	0	0	0
3/11/2024 11:32	43202 MVIL_T2	1	1	0	0.9	0.8	-0.1	0	0	0	0	0	0	0	0
3/11/2024 11:32	65005 NEFF_T2	2	2	0	0.65	0.75	0.1	0	0	0	0	0	0	0	0
3/11/2024 11:32	67001 STHI_T2	59	410	351	0.16	0.18	0.02	0	0	0	0	0	0	0	0
3/11/2024 11:32	57401 SPAN_T1	2	10	8	0.2	0.34	0.14	0	0	0	0	0	0	0	0
3/11/2024 11:33	20401 ASHF_T2	2	2	0	0.5	0.2	-0.3	0	0	0	0	0	0	0	0
3/11/2024 11:33	67402 WAKE_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/11/2024 11:33	67002 STHI_T2	42	108	66	0.32	0.27	-0.05	0	0	0	0	0	0	0	0
3/11/2024 11:34	57403 SPAN_T1	9	47	38	0.3	0.36	0.06	0	0	0	0	0	0	0	0
3/11/2024 11:34	57403 SPAN_T1	9	47	38	0.3	0.36	0.06	0	0	0	0	0	0	0	0
3/11/2024 11:34	20402 ASHF_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/11/2024 11:34	60201 ATGL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/11/2024 11:34	18001 ZION_T1	4	5	1	0.25	0.4	0.15	0	0	0	0	0	0	0	0
3/11/2024 11:35	60201 ATGL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/11/2024 11:35	29401 BELT_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/11/2024 11:35	16302 ALPA_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/11/2024 11:35	67002 STHI_T2	42	108	66	0.32	0.27	-0.05	0	0	0	0	0	0	0	0
3/11/2024 11:35	57401 SPAN_T1	2	10	8	0.2	0.34	0.14	0	0	0	0	0	0	0	0
3/11/2024 11:36	42801 SELI_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/11/2024 11:36	40101 HUNT_T2	7	6	-1	0.21	0.13	-0.08	0	0	0	0	0	0	0	0
3/11/2024 11:36	20401 ASHF_T2	2	2	0	0.5	0.2	-0.3	0	0	0	0	0	0	0	0
3/11/2024 11:36	67001 STHI_T2	59	410	351	0.16	0.18	0.02	0	0	0	0	0	0	0	0
3/11/2024 11:36	57401 SPAN_T1	2	10	8	0.2	0.34	0.14	0	0	0	0	0	0	0	0
3/11/2024 11:36	67401 WAKE_T2	1	1	0	0.1	0.2	0.1	0	0	0	0	0	0	0	0
3/11/2024 11:37	43001 ALWD_T1	4	6	2	0.48	0.45	-0.03	0	0	0	0	0	0	0	0
3/11/2024 11:37	67503 WEWI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/11/2024 11:37	27503 WEIS_T2	1	0	-1	0.1	0	-0.1	0	0	0	0	0	0	0	0
3/11/2024 11:37	17802 GILB_T1	1	2	1	0.4	0.5	0.1	0	0	0	0	0	0	0	0
3/11/2024 11:38	17803 GILB_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/11/2024 11:38	43001 ALWD_T1	4	6	2	0.48	0.45	-0.03	0	0	0	0	0	0	0	0
3/11/2024 11:38	67503 WEWI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/11/2024 11:38	29402 BELT_T1	1	2	1	5.2	5.8	0.6	0	0	0	0	0	0	0	0
3/11/2024 11:39	17804 GILB_T2	2	2	0	0.25	0.35	0.1	0	0	0	0	0	0	0	0
3/11/2024 11:39	16302 ALPA_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/11/2024 11:39	29402 BELT_T1	1	2	1	5.2	5.8	0.6	0	0	0	0	0	0	0	0
3/11/2024 11:39	17801 GILB_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/11/2024 11:41	24103 EHAZ_T1	3	4	1	0.1	0.43	0.33	0	0	0	0	0	0	0	0
3/11/2024 11:41	64204 KINZ_T1	3	4	1	0.8	0.63	-0.17	0	0	0	0	0	0	0	0
3/11/2024 11:41	40101 HUNT_T2	7	6	-1	0.21	0.13	-0.08	0	0	0	0	0	0	0	0
3/11/2024 11:42	40101 HUNT_T2	7	6	-1	0.21	0.13	-0.08	0	0	0	0	0	0	0	0
3/11/2024 11:42	64204 KINZ_T1	3	4	1	0.8	0.63	-0.17	0	0	0	0	0	0	0	0
3/11/2024 11:43	40101 HUNT_T2	7	6	-1	0.21	0.13	-0.08	0	0	0	0	0	0	0	0
3/11/2024 11:44	40101 HUNT_T2	7	6	-1	0.21	0.13	-0.08	0	0	0	0	0	0	0	0
3/11/2024 11:44	64201 KINZ_T1	1	6	5	1.2	0.3	-0.9	0	0	0	0	0	0	0	0
3/11/2024 11:44	46803 HEPB_T2	8	10	2	0.41	0.38	-0.03	0	0	0	0	0	0	0	0
3/11/2024 11:44	46002 BERW_T2	1	2	1	0.3	0.35	0.05	0	0	0	0	0	0	0	0
3/11/2024 11:45	47402 PENS_T1	0	1	1	0	0.1	0.1	0	0	0	0	0	0	0	0
3/11/2024 11:45	56503 ROCK_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/11/2024 11:46	23902 EFMO_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/11/2024 11:46	47403 PENS_T1	7	8	1	0.51	0.68	0.17	0	0	0	0	0	0	0	0
3/11/2024 11:46	56503 ROCK_T2	4	14	10	0.2	0.38	0.18	0	0	0	0	0	0	0	0
3/11/2024 11:47	24101 EHAZ_T1	49	53	4	0.99	1.06	0.07	0	0	0	0	0	0	0	0
3/11/2024 11:47	42802 SELI_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/11/2024 11:47	47403 PENS_T1	7	8	1	0.51	0.68	0.17	0	0	0	0	0	0	0	0
3/11/2024 11:47	14402 SSLA_T1	177	203	26	0.27	0.3	0.03	0	0	0	0	0	0	0	0
3/11/2024 11:47	56504 ROCK_T2	4	7	3	0.43	0.67	0.24	0	0	0	0	0	0	0	0
3/11/2024 11:48	67002 STHI_T2	49	122	73	0.33	0.27	-0.06	0	0	0	0	0	0	0	0
3/11/2024 11:48	14402 SSLA_T1	177	203	26	0.27	0.3	0.03	0	0	0	0	0	0	0	0
3/11/2024 11:48	47401 PENS_T1	10	31	21	0.71	0.41	-0.3	0	0	0	0	0	0	0	0
3/11/2024 11:48	48301 ORWI_T1	2	3	1	4.35	4.3	-0.05	0	0	0	0	0	0	0	0
3/11/2024 11:48	48302 ORWI_T2	2	2	0	0.7	0.7	0	0	0	0	0	0	0	0	0
3/11/2024 11:49	16302 ALPA_T2	0	2	2	0	0.25	0.25	0	0	0	0	0	0	0	0
3/11/2024 11:49	67002 STHI_T2	49	122	73	0.33	0.27	-0.06	0	0	0	0	0	0	0	0
3/11/2024 11:50	67002 STHI_T2	49	122	73	0.33	0.27	-0.06	0	0	0	0	0	0	0	0
3/11/2024 11:50	16302 ALPA_T2	0	2	2	0	0.25	0.25	0	0	0	0	0	0	0	0
3/11/2024 11:51	29401 BELT_T1	0	748	748	0	0	0	0	0	0	0	0	0	0	0
3/11/2024 11:51	67001 STHI_T2	109	422	313	0.15	0.18	0.03	0	0	0	0	0	0	0	0
3/11/2024 11:51	16302 ALPA_T2	0	2	2	0	0.25	0.25	0	0	0	0	0	0	0	0
3/11/2024 11:52	43001 ALWD_T1	4	6	2	0.48	0.52	0.04	0	0	0	0	0	0	0	0
3/11/2024 11:52	67001 STHI_T2	109	422	313	0.15	0.18	0.03	0	0	0	0	0	0	0	0
3/11/2024 11:52	60701 BREC_T1	5	5	0	0.34	0.46	0.12	0	0	0	0	0	0	0	0
3/11/2024 11:53	17805 GILB_T2	1	2	1	0.2	0.35	0.15	0	0	0	0	0	0	0	0
3/11/2024 11:53	17801 GILB_T1	0	24	24	0	0	0	0	0	0	0	0	0	0	0
3/11/2024 11:53	60701 BREC_T1	5	5	0	0.34	0.46	0.12	0	0	0	0	0	0	0	0
3/11/2024 11:54	17803 GILB_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/11/2024 11:54	20603 GRWO_T2	2	4	2	0.25	0.3	0.05	0	0	0	0	0	0	0	0
3/11/2024 11:54	29402 BELT_T1	1	2	1	4.5	5.8	1.3	0	0	0	0	0	0	0	0
3/11/2024 11:54	43001 ALWD_T1	4	6	2	0.48	0.52	0.04	0	0	0	0	0	0	0	0
3/11/2024 11:56	17804 GILB_T2	1	3	2	0.4	0.37	-0.03	0	0	0	0	0	0	0	0
3/11/2024 11:56	56601 HAMP_T1	1	4	3	0.2	0.4	0.2	0	0	0	0	0	0	0	0
3/11/2024 11:57	50106 HARR_T3	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/11/2024 11:58	42802 SELI_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/11/2024 11:58	50503 MECH_T1	0	1	1	0	0.2	0.2	0	0	0	0	0	0	0	0
3/11/2024 11:58	50102 HARR_T3	0	7	7	0	0.24	0.24	0	0	0	0	0	0	0	0
3/11/2024 11:58	40101 HUNT_T2	4	5	1	0.1	0.2	0.1	0	0	0	0	0	0	0	0
3/11/2024 11:59	50502 MECH_T1	1	2	1	1.7	1.1	-0.6	0	0	0	0	0	0	0	0
3/11/2024 11:59	41601 CLEV_T1	1	1	0	1.3	1.4	0.1	0	0	0	0	0	0	0	0
3/11/2024 11:59	54206 PENN_T2	1	8	7	0.3	0.24	-0.06	0	0	0	0	0	0	0	0
3/11/2024 12:00	46803 HEPB_T2	10	1	-9	0.37	0.3	-0.07	0	0	0	0	0	0	0	0
3/11/2024 12:00	17802 GILB_T1	2	3	1	0.4	0.53	0.13	0	0	0	0	0	0	0	0
3/11/2024 12:01	50501 MECH_T1	4	4	0	1.25	1	-0.25	0	0	0	0	0	0	0	0
3/11/2024 12:01	47402 PENS_T1	0	1	1	0	0.1	0.1	0	0	0	0	0	0	0	0
3/11/2024 12:01	23902 EFMO_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/11/2024 12:02	67402 WAKE_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/11/2024 12:02	47401 PENS_T1	30	19	-11	0.41	0.52	0.11	0	0	0	0	0	0	0	0
3/11/2024 12:03	14403 SSLA_T1	15	5	-10	0.42	0.62	0.2	0	0	0	0	0	0	0	0
3/11/2024 12:03	47403 PENS_T1	8	3	-5	0.68	0.63	-0.05	0	0	0	0	0	0	0	0
3/11/2024 12:04	47402 PENS_T1	0	1	1	0	0.1	0.1	0	0	0	0	0	0	0	0
3/11/2024 12:04	14402 SSLA_T1	202	67	-135	0.29	0.25	-0.04	0	0	0	0	0	0	0	0
3/11/2024 12:04	20403 ASHF_T2	5	8	3	0.34	0.28	-0.06	0	0	0	0	0	0	0	0
3/11/2024 12:04	67401 WAKE_T2	1	4	3	0.2	0.25	0.05	0	0	0	0	0	0	0	0
3/11/2024 12:05	16302 ALPA_T2	0	2	2	0	0.45	0.45	0	0	0	0	0	0	0	0
3/11/2024 12:05	67402 WAKE_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/11/2024 12:06	16302 ALPA_T2	0	2	2	0	0.45	0.45	0	0	0	0	0	0	0	0
3/11/2024 12:08	43001 ALWD_T1	6	7	1	0.45	0.49	0.04	0	0	0	0	0	0	0	0
3/11/2024 12:09	65003 NEFF_T2	3	3	0	0.27	0.47	0.2	0	0	0	0	0	0	0	0
3/11/2024 12:09	44301 BEAV_T2	8	14	6	0.29	0.36	0.07	0	0	0	0	0	0	0	0
3/11/2024 12:10	43001 ALWD_T1	6	7	1	0.45	0.49	0.04	0	0	0	0	0	0	0	0
3/11/2024 12:12	56603 HAMP_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/11/2024 12:12	16101 BING_T2	2	2	0	0.35	0.85	0.5	0	0	0	0	0	0	0	0
3/11/2024 12:13	64303 LINC_T1	1	0	-1	0.1	0	-0.1	0	0	0	0	0	0	0	0
3/11/2024 12:16	54204 PENN_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/11/2024 12:18	58003 WCAR_T1	1	1	0	0.9	0.5	-0.4	0	0	0	0	0	0	0	0
3/11/2024 12:18	24102 EHAZ_T1	7	3	-4	0.66	0.3	-0.36	0	0	0	0	0	0	0	0
3/11/2024 12:19	43202 MVIL_T2	1	134	133	0.2	0.85	0.65	0	0	0	0	0	0	0	0
3/11/2024 12:20	58001 WCAR_T1	3	0	-3	0.23	0	-0.23	0	0	0	0	0	0	0	0
3/11/2024 12:22	43201 MVIL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/11/2024 12:23	24104 EHAZ_T1	0	1	1	0	0.1	0.1	0	0	0	0	0	0	0	0
3/11/2024 12:24	44301 BEAV_T2	14	8	-6	0.36	0.2	-0.16	0	0	0	0	0	0	0	0
3/11/2024 12:24	40101 HUNT_T2	1	4	3	0.1	0.27	0.17	0	0	0	0	0	0	0	0
3/11/2024 12:25	44302 BEAV_T2	11	7	-4	0.45	0.44	-0.01	0	0	0	0	0	0	0	0
3/11/2024 12:25	40101 HUNT_T2	1	4	3	0.1	0.27	0.17	0	0	0	0	0	0	0	0
3/11/2024 12:26	40101 HUNT_T2	1	4	3	0.1	0.27	0.17	0	0	0	0	0	0	0	0
3/11/2024 12:29	24103 EHAZ_T1	4	3	-1	0.83	0.37	-0.46	0	0	0	0	0	0	0	0
3/11/2024 12:29	41601 CLEV_T1	1	1	0	1.4	1.5	0.1	0	0	0	0	0	0	0	0
3/11/2024 12:34	24104 EHAZ_T1	1	0	-1	0.1	0	-0.1	0	0	0	0	0	0	0	0
3/11/2024 12:42	18001 ZION_T1	5	4	-1	0.62	0.95	0.33	0	0	0	0	0	0	0	0
3/11/2024 12:43	56601 HAMP_T1	1	4	3	0.2	0.2	0	0	0	0	0	0	0	0	0
3/11/2024 12:43	23902 EFMO_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/11/2024 12:43	43202 MVIL_T2	3	0	-3	1.17	0	-1.17	0	0	0	0	0	0	0	0
3/11/2024 12:44	54204 PENN_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/11/2024 12:50	14403 SSLA_T1	3	4	1	0.8	0.6	-0.2	0	0	0	0	0	0	0	0
3/11/2024 12:51	14401 SSLA_T1	4	5	1	0.48	0.5	0.02	0	0	0	0	0	0	0	0
3/11/2024 12:52	14402 SSLA_T1	10	8	-2	0.42	0.33	-0.09	0	0	0	0	0	0	0	0
3/11/2024 12:52	64202 KINZ_T1	1	1	0	0.1	1.1	1	0	0	0	0	0	0	0	0
3/11/2024 12:54	10702 CATA_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/11/2024 12:55	64201 KINZ_T1	4	0	-4	0.15	0	-0.15	0	0	0	0	0	0	0	0
3/11/2024 12:56	65001 NEFF_T2	3	3	0	0.2	0.23	0.03	0	0	0	0	0	0	0	0
3/11/2024 12:59	59301 MCAL_T1	6	6	0	0.55	0.78	0.23	0	0	0	0	0	0	0	0
3/11/2024 13:00	47401 PENS_T1	3	3	0	0.47	0.7	0.23	0	0	0	0	0	0	0	0
3/11/2024 13:00	17805 GILB_T2	2	2	0	0.35	0.6	0.25	0	0	0	0	0	0	0	0
3/11/2024 13:01	47401 PENS_T1	3	3	0	0.47	0.7	0.23	0	0	0	0	0	0	0	0
3/11/2024 13:02	20401 ASHF_T2	3	2	-1	0.13	0.15	0.02	0	0	0	0	0	0	0	0
3/11/2024 13:02	42801 SELI_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/11/2024 13:02	47402 PENS_T1	1	1	0	0.5	1	0.5	0	0	0	0	0	0	0	0

Appendix C - Grid Benefits Achieved in Each Instance of Active Management

3/11/2024 14:03	24102 EHAZ_T1	4	4	0	0.9	0.43	-0.47	0	0	0	0	0	0	0
3/11/2024 14:03	59201 THOM_T1	1	1	0	0.8	0.6	-0.2	0	0	0	0	0	0	0
3/11/2024 14:05	43001 ALWD_T1	9	15	6	0.73	0.51	-0.22	0	0	0	0	0	0	0
3/11/2024 14:07	43001 ALWD_T1	9	15	6	0.73	0.51	-0.22	0	0	0	0	0	0	0
3/11/2024 14:07	54501 ENOL_T2	2	2	0	0.35	0.25	-0.1	0	0	0	0	0	0	0
3/11/2024 14:07	43202 MVIL_T2	1	3	2	0.7	0.37	-0.33	0	0	0	0	0	0	0
3/11/2024 14:07	15001 BLMO_T1	3	7	4	0.57	0.7	0.13	0	0	0	0	0	0	0
3/11/2024 14:08	46202 DANV_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
3/11/2024 14:08	54502 ENOL_T2	3	1	-2	0.17	0.1	-0.07	0	0	0	0	0	0	0
3/11/2024 14:08	15001 BLMO_T1	3	7	4	0.57	0.7	0.13	0	0	0	0	0	0	0
3/11/2024 14:09	54501 ENOL_T2	2	2	0	0.35	0.25	-0.1	0	0	0	0	0	0	0
3/11/2024 14:09	53501 EVIL_T2	7	111	104	0.54	2.64	2.1	0	0	0	0	0	0	0
3/11/2024 14:09	54502 ENOL_T2	3	1	-2	0.17	0.1	-0.07	0	0	0	0	0	0	0
3/11/2024 14:09	28703 HAML_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
3/11/2024 14:09	43001 ALWD_T1	9	15	6	0.73	0.51	-0.22	0	0	0	0	0	0	0
3/11/2024 14:09	44301 BEAV_T2	5	14	9	0.18	0.31	0.13	0	0	0	0	0	0	0
3/11/2024 14:10	54506 ENOL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
3/11/2024 14:10	54504 ENOL_T2	3	3	0	0.53	0.43	-0.1	0	0	0	0	0	0	0
3/11/2024 14:10	53502 EVIL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
3/11/2024 14:10	54501 ENOL_T2	2	2	0	0.35	0.25	-0.1	0	0	0	0	0	0	0
3/11/2024 14:10	15001 BLMO_T1	3	7	4	0.57	0.7	0.13	0	0	0	0	0	0	0
3/11/2024 14:11	46205 DANV_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
3/11/2024 14:11	54504 ENOL_T2	3	3	0	0.53	0.43	-0.1	0	0	0	0	0	0	0
3/11/2024 14:11	46203 DANV_T2	7	14	7	0.7	0.61	-0.09	0	0	0	0	0	0	0
3/11/2024 14:11	53501 EVIL_T2	7	111	104	0.54	2.64	2.1	0	0	0	0	0	0	0
3/11/2024 14:12	59302 MCAL_T1	2	2	0	0.2	0.1	-0.1	0	0	0	0	0	0	0
3/11/2024 14:13	54503 ENOL_T2	1	1	0	0.3	0.2	-0.1	0	0	0	0	0	0	0
3/11/2024 14:13	54504 ENOL_T2	3	3	0	0.53	0.43	-0.1	0	0	0	0	0	0	0
3/11/2024 14:13	58401 MORO_T1	1	2	1	0.7	0.5	-0.2	0	0	0	0	0	0	0
3/11/2024 14:14	24103 EHAZ_T1	0	2	2	0	0	0	0	0	0	0	0	0	0
3/11/2024 14:14	41903 REED_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
3/11/2024 14:14	17803 GILB_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
3/11/2024 14:16	58401 MORO_T1	2	2	0	0.3	0.5	0.2	0	0	0	0	0	0	0
3/11/2024 14:16	58402 MORO_T1	0	2	2	0	0.2	0.2	0	0	0	0	0	0	0
3/11/2024 14:16	41902 REED_T1	1	3	2	1.1	0.77	-0.33	0	0	0	0	0	0	0
3/11/2024 14:16	20402 ASHF_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
3/11/2024 14:17	58401 MORO_T1	2	2	0	0.3	0.5	0.2	0	0	0	0	0	0	0
3/11/2024 14:17	43202 MVIL_T2	3	2	-1	0.33	0.5	0.17	0	0	0	0	0	0	0
3/11/2024 14:17	47401 PENS_T1	3	7	4	0.83	0.6	-0.23	0	0	0	0	0	0	0
3/11/2024 14:17	67001 STHI_T2	416	667	251	0.2	0.29	0.09	0	0	0	0	0	0	0
3/11/2024 14:18	66701 STRA_T1	2	2	0	0.5	0.4	-0.1	0	0	0	0	0	0	0
3/11/2024 14:18	54001 SDLE_T1	8	9	1	0.79	0.91	0.12	0	0	0	0	0	0	0
3/11/2024 14:19	58401 MORO_T1	2	2	0	0.3	0.5	0.2	0	0	0	0	0	0	0
3/11/2024 14:19	43301 WATS_T2	3	10	7	0.3	0.47	0.17	0	0	0	0	0	0	0
3/11/2024 14:19	43301 WATS_T2	3	10	7	0.3	0.47	0.17	0	0	0	0	0	0	0
3/11/2024 14:19	47402 PENS_T1	0	1	1	0	0.9	0.9	0	0	0	0	0	0	0
3/11/2024 14:19	23902 EFMO_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
3/11/2024 14:19	24104 EHAZ_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
3/11/2024 14:19	67001 STHI_T2	416	667	251	0.2	0.29	0.09	0	0	0	0	0	0	0
3/11/2024 14:19	67002 STHI_T2	188	330	142	0.25	0.27	0.02	0	0	0	0	0	0	0
3/11/2024 14:20	58401 MORO_T1	2	2	0	0.3	0.5	0.2	0	0	0	0	0	0	0
3/11/2024 14:20	67002 STHI_T2	188	330	142	0.25	0.27	0.02	0	0	0	0	0	0	0
3/11/2024 14:20	65005 NEFF_T2	2	1	-1	0.35	0.7	0.35	0	0	0	0	0	0	0
3/11/2024 14:20	67601 WARW_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
3/11/2024 14:20	47401 PENS_T1	3	7	4	0.83	0.6	-0.23	0	0	0	0	0	0	0
3/11/2024 14:20	44301 BEAV_T2	9	13	4	0.3	0.3	0	0	0	0	0	0	0	0
3/11/2024 14:20	43201 MVIL_T2	1	1	0	0.6	0.7	0.1	0	0	0	0	0	0	0
3/11/2024 14:20	67002 STHI_T2	188	330	142	0.25	0.27	0.02	0	0	0	0	0	0	0
3/11/2024 14:21	67002 STHI_T2	188	330	142	0.25	0.27	0.02	0	0	0	0	0	0	0
3/11/2024 14:21	67602 WARW_T2	0	1	1	0	0	0	0	0	0	0	0	0	0
3/11/2024 14:21	43001 ALWD_T1	14	15	1	0.53	0.5	-0.03	0	0	0	0	0	0	0
3/11/2024 14:22	23902 EFMO_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
3/11/2024 14:22	43303 WATS_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
3/11/2024 14:22	43202 MVIL_T2	3	2	-1	0.33	0.5	0.17	0	0	0	0	0	0	0
3/11/2024 14:22	46004 BERW_T2	3	1	-2	0.13	0.3	0.17	0	0	0	0	0	0	0
3/11/2024 14:22	67002 STHI_T2	188	330	142	0.25	0.27	0.02	0	0	0	0	0	0	0
3/11/2024 14:22	18001 ZION_T1	6	6	0	0.77	0.77	0	0	0	0	0	0	0	0
3/11/2024 14:23	67604 WARW_T1	1	1	0	0.1	0.1	0	0	0	0	0	0	0	0
3/11/2024 14:23	43304 WATS_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
3/11/2024 14:23	54501 ENOL_T2	1	2	1	0.1	0.25	0.15	0	0	0	0	0	0	0
3/11/2024 14:23	46002 BERW_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
3/11/2024 14:23	43001 ALWD_T1	14	15	1	0.53	0.5	-0.03	0	0	0	0	0	0	0
3/11/2024 14:24	54502 ENOL_T2	0	5	5	0	0.2	0.2	0	0	0	0	0	0	0
3/11/2024 14:24	54503 ENOL_T2	0	1	1	0	0.2	0.2	0	0	0	0	0	0	0
3/11/2024 14:24	43001 ALWD_T1	14	15	1	0.53	0.5	-0.03	0	0	0	0	0	0	0
3/11/2024 14:24	64203 KINZ_T1	0	1	1	0	0.6	0.6	0	0	0	0	0	0	0
3/11/2024 14:24	46205 DANV_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
3/11/2024 14:24	43302 WATS_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
3/11/2024 14:25	54501 ENOL_T2	1	2	1	0.1	0.25	0.15	0	0	0	0	0	0	0
3/11/2024 14:25	28704 HAML_T2	173	178	5	0.86	0.95	0.09	0	0	0	0	0	0	0
3/11/2024 14:25	54504 ENOL_T2	1	3	2	0.5	0.5	0	0	0	0	0	0	0	0
3/11/2024 14:25	24102 EHAZ_T1	3	3	0	0.57	0.2	-0.37	0	0	0	0	0	0	0
3/11/2024 14:25	44302 BEAV_T2	4	44	40	0.58	0.35	-0.23	0	0	0	0	0	0	0
3/11/2024 14:26	43304 WATS_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
3/11/2024 14:26	25503 MADI_T1	1	2	1	0.5	0.5	0	0	0	0	0	0	0	0
3/11/2024 14:27	54501 ENOL_T2	1	2	1	0.1	0.25	0.15	0	0	0	0	0	0	0
3/11/2024 14:27	46202 DANV_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
3/11/2024 14:28	29402 BELT_T1	1	2	1	3.4	3.35	-0.05	0	0	0	0	0	0	0
3/11/2024 14:28	54505 ENOL_T2	3	3	0	0.57	0.83	0.26	0	0	0	0	0	0	0
3/11/2024 14:28	59003 MIFF_T1	0	3	3	0	0.23	0.23	0	0	0	0	0	0	0
3/11/2024 14:29	54506 ENOL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
3/11/2024 14:29	64802 MONE_T2	56	126	70	0.46	0.37	-0.09	0	0	0	0	0	0	0
3/11/2024 14:29	24101 EHAZ_T1	35	47	12	0.55	0.39	-0.16	0	0	0	0	0	0	0
3/11/2024 14:29	56504 ROCK_T2	7	10	3	0.47	0.49	0.02	0	0	0	0	0	0	0
3/11/2024 14:29	46602 LACR_T1	8	13	5	0.84	0.65	-0.19	0	0	0	0	0	0	0
3/11/2024 14:30	17803 GILB_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
3/11/2024 14:30	17802 GILB_T1	3	8	5	0.93	0.5	-0.43	0	0	0	0	0	0	0
3/11/2024 14:30	46803 HEPB_T2	2	2	0	0.3	0.15	-0.15	0	0	0	0	0	0	0
3/11/2024 14:30	56503 ROCK_T2	0	2	2	0	0.15	0.15	0	0	0	0	0	0	0
3/11/2024 14:31	17801 GILB_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
3/11/2024 14:31	29402 BELT_T1	2	1	-1	3.35	6.6	3.25	0	0	0	0	0	0	0
3/11/2024 14:31	47402 PENS_T1	0	1	1	0	0.9	0.9	0	0	0	0	0	0	0
3/11/2024 14:31	64801 MONE_T2	91	176	85	0.39	0.36	-0.03	0	0	0	0	0	0	0
3/11/2024 14:31	56504 ROCK_T2	10	12	2	0.4	0.53	0.13	0	0	0	0	0	0	0
3/11/2024 14:32	64802 MONE_T2	91	156	65	0.41	0.33	-0.08	0	0	0	0	0	0	0
3/11/2024 14:32	42902 MIDD_T2	32	2	-30	0.43	0.9	0.47	0	0	0	0	0	0	0
3/11/2024 14:32	17801 GILB_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
3/11/2024 14:33	42901 MIDD_T2	3	1	-2	0.47	0.4	-0.07	0	0	0	0	0	0	0
3/11/2024 14:33	47402 PENS_T1	0	1	1	0	0.9	0.9	0	0	0	0	0	0	0
3/11/2024 14:33	43202 MVIL_T2	2	39	37	0.5	0.1	-0.4	0	0	0	0	0	0	0
3/11/2024 14:33	43201 MVIL_T2	1	0	-1	0.7	0	-0.7	0	0	0	0	0	0	0
3/11/2024 14:33	42204 SHEN_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
3/11/2024 14:33	24901 WHHA_T1	1	1	0	0.8	1	0.2	0	0	0	0	0	0	0
3/11/2024 14:33	67002 STHI_T2	241	371	130	0.24	0.29	0.05	0	0	0	0	0	0	0
3/11/2024 14:33	42902 MIDD_T2	32	2	-30	0.43	0.9	0.47	0	0	0	0	0	0	0
3/11/2024 14:33	23901 EFMO_T2	1	3	2	0.1	0.17	0.07	0	0	0	0	0	0	0
3/11/2024 14:34	47402 PENS_T1	0	1	1	0	0.9	0.9	0	0	0	0	0	0	0
3/11/2024 14:34	67605 WARW_T1	35	56	21	0.64	0.69	0.05	0	0	0	0	0	0	0
3/11/2024 14:34	67401 WAKE_T2	2	7	5	0.2	0.51	0.31	0	0	0	0	0	0	0
3/11/2024 14:34	47002 HUGH_T2	0	1	1	0	0.2	0.2	0	0	0	0	0	0	0
3/11/2024 14:34	61103 BERK_T5	6	17	11	0.45	0.38	-0.07	0	0	0	0	0	0	0
3/11/2024 14:34	67001 STHI_T2	556	721	165	0.25	0.33	0.08	0	0	0	0	0	0	0
3/11/2024 14:34	54001 SDLE_T1	8	12	4	0.84	0.78	-0.06	0	0	0	0	0	0	0
3/11/2024 14:34	42203 SHEN_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
3/11/2024 14:34	66701 STRA_T1	1	2	1	0.5	0.6	0.1	0	0	0	0	0	0	0
3/11/2024 14:34	23902 EFMO_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
3/11/2024 14:34	57401 SPAN_T1	2	4	2	0.4	1.08	0.68	0	0	0	0	0	0	0
3/11/2024 14:35	47402 PENS_T1	0	1	1	0	0.9	0.9	0	0	0	0	0	0	0
3/11/2024 14:35	14404 SSLA_T1	18	75	57	0.41	0.24	-0.17	0	0	0	0	0	0	0
3/11/2024 14:35	67401 WAKE_T2	2	7	5	0.2	0.51	0.31	0	0	0	0	0	0	0
3/11/2024 14:35	67002 STHI_T2	241	371	130	0.24	0.29	0.05	0	0	0	0	0	0	0
3/11/2024 14:35	43001 ALWD_T1	13	19	6	0.52	0.46	-0.06	0	0	0	0	0	0	0
3/11/2024 14:36	60101 COCA_T1	5	7	2	0.38	0.36	-0.02	0	0	0	0	0	0	0
3/11/2024 14:36	15001 BLMO_T1	3	3	0	0.7	0.73	0.03	0	0	0	0	0	0	0
3/11/2024 14:36	67002 STHI_T2	241	371	130	0.24	0.29	0.05	0	0	0	0	0	0	0
3/11/2024 14:36	43202 MVIL_T2	2	39	37	0.5	0.1	-0.4	0	0	0	0	0	0	0
3/11/2024 14:37	60701 BREC_T1	4	4	0	0.48	0.75	0.27	0	0	0	0	0	0	0
3/11/2024 14:37	46204 DANV_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
3/11/2024 14:37	60801 BUCK_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
3/11/2024 14:37	67001 STHI_T2	556	721	165	0.25	0.33	0.08	0	0	0	0	0	0	0
3/11/2024 14:37	16302 ALPA_T2	1	1	0	1	0.3	-0.7	0	0	0	0	0	0	0
3/11/2024 14:37	60102 COCA_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
3/11/2024 14:37	43001 ALWD_T1	13	19	6	0.52	0.46	-0.06	0	0	0	0	0	0	0
3/11/2024 14:38	59002 MIFF_T1	2	6	4	0.1	0.37	0.27	0	0	0	0	0	0	0
3/11/2024 14:38	54503 ENOL_T2	1	1	0	0.2	0.1	-0.1	0	0	0	0	0	0	0
3/11/2024 14:38	60201 ATGL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
3/11/2024 14:38	16301 ALPA_T1	110	142	32	0.23	0.22	-0.01	0	0	0	0	0	0	0
3/11/2024 14:38	18001 ZION_T1	6	6	0	0.77	0.57	-0.2	0	0	0	0	0	0	0
3/11/2024 14:38	16302 ALPA_T2	1	1	0	1	0.3	-0.7	0	0	0	0	0	0	0
3/11/2024 14:39	54502 ENOL_T2	1	5	4	0.1	0.22	0.12	0	0	0	0	0	0	0
3/11/2024 14:39	43001 ALWD_T1	13	19	6	0.52	0.46	-0.06	0	0	0	0	0	0	0
3/11/2024 14:39	15001 BLMO_T1	3	3	0	0.7	0.73	0.03	0	0	0	0	0	0	0
3/11/2024 14:39	16302 ALPA_T2	1	1	0	1	0.3	-0.7	0	0	0	0	0	0	0
3/11/2024 14:40	60701 BREC_T1	4	4	0	0.48	0.75	0.27	0	0	0	0	0	0	0
3/11/2024 14:40	54503 ENOL_T2	1	1	0	0.2	0.1	-0.1	0	0	0	0	0	0	0
3/11/2024 14:40	64201 KINZ_T1	0	6	6	0	0.23	0.23	0	0	0	0	0	0	0
3/11/2024 14:40	28703 HAML_T2	0	2	2	0	0.15	0.15	0	0	0	0	0	0	0
3/11/2024 14:40	54502 ENOL_T2	1	5	4	0.1	0.22	0.12	0	0	0	0	0	0	0
3/11/2024 14:40	40101 HUNT_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
3/11/2024 14:40	24105 EHAZ_T1	7	4	-3	3.36	5.63	2.27	0	0	0	0	0	0	0
3/11/2024 14:40	46202 DANV_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
3/11/2024 14:40	15001 BLMO_T1	3	3	0	0.7	0.73	0.03	0	0	0	0	0	0	0
3/11/2024 14:41	54505 ENOL_T2	3	3	0	0.63	0.87	0.24	0	0	0	0	0	0	0
3/11/2024 14:41	40101 HUNT_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
3/11/2024 14:42	54502 ENOL_T2	1	5	4	0.1	0.22	0.12	0	0	0	0	0	0	0
3/11/2024 14:43	40902 JESH_T1	1	2	1	0.1	0.15	0.05	0	0	0	0	0	0	0
3/11/2024 14:43	14401 SSLA_T1	5	9	4	0.74	0.68	-0.06	0	0	0	0	0	0	0
3/11/2024 14:43	42901 MIDD_T2	3	1	-2	0.47	0.4	-0.07	0	0	0	0	0	0	0
3/11/2024 14:43	40101 HUNT_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
3/11/2024 14:43	64801 MONE_T2	91	176	85	0.39	0.36	-0.03	0	0	0	0	0	0	0
3/11/2024 14:44	20401 ASHF_T2	0	5	4	0.2	0.4	0.2	0	0	0	0	0	0	0
3/11/2024 14:44	29402 BELT_T1	2	1	-1	3.35	6.6	3.25	0	0	0	0	0	0	0
3/11/2024 14:44	41601 CLEV_T1	1	1	0	1.4	1.3	-0.1	0	0	0	0	0	0	0
3/11/2024 14:44	59001 MIFF_T1	2	2	0	1.05	0.7	-0.35	0	0	0	0	0	0	0
3/11/2024 14:45	24104 EHAZ_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
3/11/2024 14:45	47401 PENS_T1	7	6	-1	0.57	0.67	0.1	0	0	0	0	0	0	0
3/11/2024 14:45	41602 CLEV_T1	2	2	0	0.15	0.5	0.35	0	0	0	0	0	0	0
3/11/2024 14:45	55001 NEWP_T1	3	4	1	0.73	0.63	-0.1	0	0	0	0	0	0	0
3/11/2024 14:45	56501 ROCK_T2	37	48	11	0.28	0.28	0	0	0	0	0	0	0	0
3/11/2024 14:45	46602 LACR_T1	13	21	8	0.58	0.47	-0.11	0	0	0	0	0	0	0
3/11/2024 14:45	41602 CLEV_T1	2	2	0	0.15	0.5	0.35	0	0	0	0	0	0	0
3/11/2024 14:46	17801 GILB_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
3/11/2024 14:46	17805 GILB_T2	1	1	0	0.3	0.3	0	0	0	0	0	0	0	0
3/11/2024 14:46	55001 NEWP_T1	3	4	1	0.73	0.63	-0.1	0	0	0	0	0	0	0
3/11/2024 14:46	56503 ROCK_T2	0	2	2	0	0.15	0.15	0	0	0	0	0	0	0
3/11/2024 14:46	46801 HEPB_T2	1	2	1	0.1	0.55	0.45	0	0	0	0	0	0	0
3/11/2024 14:46	65005 NEFF_T2	1	1	0	0.3	0.4	0.1	0	0	0	0	0	0	0
3/11/2024 14:46	47402 PENS_T1	1	1	0	0.9	0.8	-0.1	0	0	0	0	0	0	0
3/11/2024 14:46	63602 LETO_T1	20	37	17	0.22	0.15	-0.07	0	0	0	0	0	0	0
3/11/2024 14:47

3/11/2024 14:52	67002 STHI_T2	323	356	33	0.27	0.29	0.02	0	0	0	0	0	0	0	0
3/11/2024 14:52	56501 ROCK_T2	37	48	11	0.28	0.28	0	0	0	0	0	0	0	0	0
3/11/2024 14:53	67001 STHI_T2	654	700	46	0.29	0.34	0.05	0	0	0	0	0	0	0	0
3/11/2024 14:54	60101 COCA_T1	5	7	2	0.42	0.36	-0.06	0	0	0	0	0	0	0	0
3/11/2024 14:54	15001 BLMO_T1	3	3	0	0.7	0.7	0	0	0	0	0	0	0	0	0
3/11/2024 14:56	54505 ENOL_T2	3	3	0	0.83	0.63	-0.2	0	0	0	0	0	0	0	0
3/11/2024 14:57	54506 ENOL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/11/2024 14:58	55002 NEWP_T1	10	13	3	0.85	0.96	0.11	0	0	0	0	0	0	0	0
3/11/2024 14:58	50506 MECH_T1	8	11	3	0.46	0.45	-0.01	0	0	0	0	0	0	0	0
3/11/2024 14:58	58401 MORO_T1	1	4	3	0.6	0.28	-0.32	0	0	0	0	0	0	0	0
3/11/2024 14:58	58402 MORO_T1	2	1	-1	0.2	0.3	0.1	0	0	0	0	0	0	0	0
3/11/2024 14:59	50503 MECH_T1	7	9	2	0.36	0.39	0.03	0	0	0	0	0	0	0	0
3/11/2024 14:59	64802 MONE_T2	110	196	86	0.32	0.29	-0.03	0	0	0	0	0	0	0	0
3/11/2024 14:59	58401 MORO_T1	1	4	3	0.6	0.28	-0.32	0	0	0	0	0	0	0	0
3/11/2024 15:00	51006 NHAR_T1	2	0	-2	0.1	0	-0.1	0	0	0	0	0	0	0	0
3/11/2024 15:00	64802 MONE_T2	153	191	38	0.33	0.29	-0.04	0	0	0	0	0	0	0	0
3/11/2024 15:00	58401 MORO_T1	4	1	-3	0.28	0.6	0.32	0	0	0	0	0	0	0	0
3/11/2024 15:01	50504 MECH_T1	6	0	-6	0.22	0	-0.22	0	0	0	0	0	0	0	0
3/11/2024 15:01	41902 REED_T1	15	2	-13	5.55	0.8	-4.75	0	0	0	0	0	0	0	0
3/11/2024 15:02	56504 ROCK_T2	11	8	-3	0.37	0.29	-0.08	0	0	0	0	0	0	0	0
3/11/2024 15:02	50501 MECH_T1	5	5	0	1.36	1.08	-0.28	0	0	0	0	0	0	0	0
3/11/2024 15:02	57401 SPAN_T1	4	5	1	1.08	0.73	-0.35	0	0	0	0	0	0	0	0
3/11/2024 15:03	52502 PROG_T2	1	0	-1	0.2	0	-0.2	0	0	0	0	0	0	0	0
3/11/2024 15:03	58401 MORO_T1	4	1	-3	0.28	0.6	0.32	0	0	0	0	0	0	0	0
3/11/2024 15:03	54204 PENN_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/11/2024 15:03	20402 ASHF_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/11/2024 15:03	57403 SPAN_T1	12	4	-8	0.37	0.63	0.26	0	0	0	0	0	0	0	0
3/11/2024 15:04	46003 BERW_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/11/2024 15:04	57403 SPAN_T1	12	4	-8	0.37	0.63	0.26	0	0	0	0	0	0	0	0
3/11/2024 15:04	41903 REED_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/11/2024 15:05	23902 EFMO_T2	0	7	7	0	0	0	0	0	0	0	0	0	0	0
3/11/2024 15:05	61102 BERK_T5	5	4	-1	0.54	0.4	-0.14	0	0	0	0	0	0	0	0
3/11/2024 15:05	26002 WDAM_T1	1	2	1	1.1	0.3	-0.8	0	0	0	0	0	0	0	0
3/11/2024 15:05	57401 SPAN_T1	4	5	1	1.08	0.73	-0.35	0	0	0	0	0	0	0	0
3/11/2024 15:06	61103 BERK_T5	15	15	0	0.37	0.37	0	0	0	0	0	0	0	0	0
3/11/2024 15:06	42701 AUGU_T1	1	1	0	0.3	0.3	0	0	0	0	0	0	0	0	0
3/11/2024 15:06	66703 STRA_T1	22	3	-19	0.32	0.17	-0.15	0	0	0	0	0	0	0	0
3/11/2024 15:06	42503 ALTA_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/11/2024 15:06	57401 SPAN_T1	4	5	1	1.08	0.73	-0.35	0	0	0	0	0	0	0	0
3/11/2024 15:07	67502 WEWI_T2	7	13	6	0.46	0.32	-0.14	0	0	0	0	0	0	0	0
3/11/2024 15:08	42504 ALTA_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/11/2024 15:08	67502 WEWI_T2	7	13	6	0.46	0.32	-0.14	0	0	0	0	0	0	0	0
3/11/2024 15:08	42701 AUGU_T1	1	1	0	0.3	0.3	0	0	0	0	0	0	0	0	0
3/11/2024 15:12	24101 EHAZ_T1	25	24	-1	0.64	0.62	-0.02	0	0	0	0	0	0	0	0
3/11/2024 15:13	63205 MGTN_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/11/2024 15:15	63205 MGTN_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/11/2024 15:16	24105 EHAZ_T1	4	4	0	5.58	5.43	-0.15	0	0	0	0	0	0	0	0
3/11/2024 15:17	63205 MGTN_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/11/2024 15:18	66504 SMAN_T2	1	8	7	0.2	0.29	0.09	0	0	0	0	0	0	0	0
3/11/2024 15:18	63201 MGTN_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/11/2024 15:19	14404 SSLA_T1	34	86	52	0.25	0.23	-0.02	0	0	0	0	0	0	0	0
3/11/2024 15:21	43303 WATS_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/11/2024 15:21	28601 BLYT_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/11/2024 15:21	61101 BERK_T5	3	6	3	0.4	0.4	0	0	0	0	0	0	0	0	0
3/11/2024 15:22	61101 BERK_T5	3	6	3	0.4	0.4	0	0	0	0	0	0	0	0	0
3/11/2024 15:22	43303 WATS_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/11/2024 15:22	14402 SSLA_T1	21	57	36	0.42	0.26	-0.16	0	0	0	0	0	0	0	0
3/11/2024 15:22	43301 WATS_T2	4	6	2	0.43	0.48	0.05	0	0	0	0	0	0	0	0
3/11/2024 15:24	43304 WATS_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/11/2024 15:26	46206 DANV_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/11/2024 15:27	24103 EHAZ_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/11/2024 15:28	20401 ASHF_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/11/2024 15:30	44501 HAMI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/11/2024 15:30	60502 NMAN_T2	5	0	-5	0.32	0	-0.32	0	0	0	0	0	0	0	0
3/11/2024 15:31	59302 MCAL_T1	1	0	-1	0.2	0	-0.2	0	0	0	0	0	0	0	0
3/11/2024 15:32	61103 BERK_T5	15	7	-8	0.37	0.47	0.1	0	0	0	0	0	0	0	0
3/11/2024 15:32	24101 EHAZ_T1	22	29	7	0.66	0.66	0	0	0	0	0	0	0	0	0
3/11/2024 15:32	66504 SMAN_T2	8	0	-8	0.29	0	-0.29	0	0	0	0	0	0	0	0
3/11/2024 15:33	59402 RFLD_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/11/2024 15:33	66501 SMAN_T2	2	1	-1	0.55	0.2	-0.35	0	0	0	0	0	0	0	0
3/11/2024 15:33	57401 SPAN_T1	4	4	0	0.73	0.73	0	0	0	0	0	0	0	0	0
3/11/2024 15:34	14404 SSLA_T1	78	92	14	0.22	0.21	-0.01	0	0	0	0	0	0	0	0
3/11/2024 15:34	67002 STHI_T2	352	129	-223	0.28	0.23	-0.05	0	0	0	0	0	0	0	0
3/11/2024 15:34	67002 STHI_T2	352	129	-223	0.28	0.23	-0.05	0	0	0	0	0	0	0	0
3/11/2024 15:36	66503 SMAN_T2	3	0	-3	0.23	0	-0.23	0	0	0	0	0	0	0	0
3/11/2024 15:36	67001 STHI_T2	663	364	-299	0.3	0.18	-0.12	0	0	0	0	0	0	0	0
3/11/2024 15:37	66505 SMAN_T2	3	1	-2	0.23	0.1	-0.13	0	0	0	0	0	0	0	0
3/11/2024 15:37	61101 BERK_T5	6	2	-4	0.4	0.45	0.05	0	0	0	0	0	0	0	0
3/11/2024 15:38	67001 STHI_T2	663	364	-299	0.3	0.18	-0.12	0	0	0	0	0	0	0	0
3/11/2024 15:38	67002 STHI_T2	352	129	-223	0.28	0.23	-0.05	0	0	0	0	0	0	0	0
3/11/2024 15:43	24104 EHAZ_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/11/2024 15:48	24105 EHAZ_T1	4	4	0	5.43	5.38	-0.05	0	0	0	0	0	0	0	0
3/11/2024 15:52	56801 BENV_T1	26	25	-1	0.81	0.78	-0.03	0	0	0	0	0	0	0	0
3/11/2024 15:53	56801 BENV_T1	26	25	-1	0.81	0.78	-0.03	0	0	0	0	0	0	0	0
3/11/2024 15:53	10805 CHHI_T2	7	7	0	2.09	1.87	-0.22	0	0	0	0	0	0	0	0
3/11/2024 15:54	10805 CHHI_T2	7	7	0	2.09	1.87	-0.22	0	0	0	0	0	0	0	0
3/11/2024 15:55	61801 EELI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/11/2024 15:56	48901 FOSP_T2	1	1	0	0.4	0.6	0.2	0	0	0	0	0	0	0	0
3/11/2024 15:56	40101 HUNT_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/11/2024 15:57	24902 WHHA_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/11/2024 15:58	24103 EHAZ_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/11/2024 16:01	58402 MORO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/11/2024 16:04	24105 EHAZ_T1	4	5	1	5.6	4.3	-1.3	0	0	0	0	0	0	0	0
3/11/2024 16:05	14401 SSLA_T1	8	12	4	0.49	0.4	-0.09	0	0	0	0	0	0	0	0
3/11/2024 16:10	65004 NEFF_T2	3	1	-2	0.4	0.5	0.1	0	0	0	0	0	0	0	0
3/11/2024 16:22	43001 ALWD_T1	20	17	-3	0.35	0.36	0.01	0	0	0	0	0	0	0	0
3/11/2024 16:27	24103 EHAZ_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/11/2024 16:32	24104 EHAZ_T1	6	3	-3	0.1	0.13	0.03	0	0	0	0	0	0	0	0
3/11/2024 16:42	54502 ENOL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/11/2024 16:50	42203 SHEN_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/11/2024 16:52	44301 BEAV_T2	1	2	1	0.2	0.4	0.2	0	0	0	0	0	0	0	0
3/11/2024 16:58	24105 EHAZ_T1	4	5	1	5.35	4.26	-1.09	0	0	0	0	0	0	0	0
3/11/2024 17:01	46101 MACI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/11/2024 17:03	65002 NEFF_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/11/2024 17:04	27502 WEIS_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/11/2024 17:04	24103 EHAZ_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/11/2024 17:25	20603 GRWO_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/11/2024 17:27	20602 GRWO_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/11/2024 17:28	20603 GRWO_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/11/2024 17:29	20602 GRWO_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/11/2024 17:30	20602 GRWO_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/11/2024 17:44	20402 ASHF_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/11/2024 18:00	20402 ASHF_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/11/2024 18:00	20601 GRWO_T2	0	1	1	0	0	0	0	0	0	0	0	0	0	0
3/11/2024 18:04	15704 TANN_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/11/2024 18:06	20401 ASHF_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/11/2024 18:44	54504 ENOL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/11/2024 18:48	65001 NEFF_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/11/2024 19:14	17803 GILB_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/11/2024 19:18	17804 GILB_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/11/2024 19:32	29401 BELT_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/11/2024 19:33	29402 BELT_T1	2	2	0	3.8	3.6	-0.2	0	0	0	0	0	0	0	0
3/11/2024 19:38	67604 WARW_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/11/2024 19:41	29401 BELT_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/11/2024 20:02	29401 BELT_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/11/2024 20:05	59201 THOM_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/11/2024 20:12	67601 WARW_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/11/2024 20:17	65004 NEFF_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/11/2024 20:36	56802 BENV_T2	63	166	103	0.21	0.24	0.03	0	0	0	0	0	0	0	0
3/11/2024 20:37	56802 BENV_T2	63	166	103	0.21	0.24	0.03	0	0	0	0	0	0	0	0
3/11/2024 20:59	65004 NEFF_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/11/2024 21:03	62602 ENGL_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/11/2024 21:03	17002 RIRO_T2	1	11	10	0.1	0.15	0.05	0	0	0	0	0	0	0	0
3/11/2024 21:04	28703 HAMI_T2	2	2	0	0.2	0.25	0.05	0	0	0	0	0	0	0	0
3/11/2024 21:04	17801 GILB_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/11/2024 21:07	29401 BELT_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/11/2024 21:07	27502 WEIS_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/11/2024 21:08	29402 BELT_T1	1	2	1	4.4	4	-0.4	0	0	0	0	0	0	0	0
3/11/2024 21:08	62605 ENGL_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/11/2024 21:09	28801 LAKE_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/11/2024 21:09	29402 BELT_T1	1	2	1	4.4	4	-0.4	0	0	0	0	0	0	0	0
3/11/2024 21:09	53502 EVIL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/11/2024 21:10	62601 ENGL_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/11/2024 21:10	66502 SMAN_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/11/2024 21:10	67503 WEWI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/11/2024 21:10	64702 LITI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/11/2024 21:10	20602 GRWO_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/11/2024 21:10	16103 BING_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/11/2024 21:11	48901 FOSP_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/11/2024 21:11	60101 COCA_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/11/2024 21:11	16302 ALPA_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/11/2024 21:11	20602 GRWO_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/11/2024 21:11	67002 STHI_T2	193	422	229	0.2	0.22	0.02	0	0	0	0	0	0	0	0
3/11/2024 21:12	44601 SALE_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/11/2024 21:12	20402 ASHF_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/11/2024 21:12	54502 ENOL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/11/2024 21:12	57304 MOAL_T2	1	6	5	0.5	0.33	-0.17	0	0	0	0	0	0	0	0
3/11/2024 21:12	15001 BLMO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/11/2024 21:12	57403 SPAN_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/11/2024 21:12	24901 WHHA_T1	1	0	-1	0.2	0	-0.2	0	0	0	0	0	0	0	0
3/11/2024 21:12	67001 STHI_T2	551	760	209	0.3	0.36	0.06	0	0	0	0	0	0	0	0
3/11/2024 21:12	13302 ORVI_T2	8	11	3	0.13	0.17	0.04	0	0	0	0	0	0	0	0
3/11/2024 21:12	16302 ALPA_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/11/2024 21:12	53502 EVIL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/11/2024 21:13	42201 SHEN_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/11/2024 21:13	20601 GRWO_T2	17	15	-2	0.46	0.72	0.26	0	0	0	0	0	0	0	0
3/11/2024 21:13	64204 KINZ_T1	1	3	2	0.9	0.47	-0.43	0	0	0	0	1	0	0	0
3/11/2024 21:13	54502 ENOL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/11/2024 21:13	54502 ENOL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/11/2024 21:13	64801 MONE_T2	4	32	28	0.15	0.36	0.21	0	0	0	0	0	0	0	0
3/11/2024 21:13	61101 BERK_T5	0	1	1	0	0.1	0.1	0	0	0	0	0	0	0	0
3/11/2024 21:13	16302 ALPA_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/11/2024 21:13	60502 NMAN_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/11/2024 21:13	67502 WEWI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/11/2024 21:13	47001 HUGH_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/11/2024 21:13	52503 PROG_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/11/2024 21:13	57403 SPAN_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/11/2024 21:13	55001 NEWP_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/11/2024 21:13	67001 STHI_T2	551	760	209	0.3	0.36	0.06	0	0	0	0	0	0	0	0
3/11/2024 21:13	46101 MACI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/11/2024 21:13	10805 CHHI_T2	10	11	1	2.45	1.65	-0.8	0	0	0	0	0	0	0	0
3/11/2024 21:14	54505 ENOL_T2	1	1	0	0.8	1	0.2	0	0	0	0	0	0	0	0
3/11/2024 21:14	60701 BREC_T1	206	7	-199	0.16	0.11	-0.05	0	0	0	0	0	0	0	0
3/11/2024 21:14	42002 MNVL_T2	1	1	0	4.7	4.6	-0.1	0

3/11/2024 21:16	10801 CHNI_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/11/2024 21:16	60603 NCOL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/11/2024 21:16	23902 EFMO_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/11/2024 21:16	67401 WAKE_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/11/2024 21:16	25501 MADI_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/11/2024 21:16	54502 ENOL_T2	0	1	1	0	0.5	0.5	0	0	0	0	0	0	0	0
3/11/2024 21:16	62607 ENGL_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/11/2024 21:16	60803 BUCK_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/11/2024 21:16	56802 BENV_T2	159	242	83	0.31	0.49	0.18	0	0	0	0	0	0	0	0
3/11/2024 21:16	56801 BENV_T1	7	11	4	0.41	0.48	0.07	0	0	0	0	0	0	0	0
3/11/2024 21:16	58402 MORO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/11/2024 21:16	44601 SALE_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/11/2024 21:16	60201 ATGL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/11/2024 21:17	46004 BERW_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/11/2024 21:17	67602 WARW_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/11/2024 21:17	50504 MECH_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/11/2024 21:17	28604 BLYT_T2	1	1	0	0	0	0	0	0	0	0	0	0	0	0
3/11/2024 21:17	54504 ENOL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/11/2024 21:17	42504 ALTA_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/11/2024 21:17	55002 NEWP_T1	4	4	0	0.65	1.18	0.53	0	0	0	0	0	0	0	0
3/11/2024 21:17	43801 SWIL_T1	2	5	3	3.35	1.5	-1.85	0	0	0	0	0	0	0	0
3/11/2024 21:17	23902 EFMO_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/11/2024 21:17	67001 STHI_T2	611	840	229	0.34	0.39	0.05	0	0	0	0	0	0	0	0
3/11/2024 21:17	64802 MONE_T2	25	16	-9	0.12	0.14	0.02	0	0	0	0	0	0	0	0
3/11/2024 21:17	42202 SHEN_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/11/2024 21:17	56802 BENV_T2	159	242	83	0.31	0.49	0.18	0	0	0	0	0	0	0	0
3/11/2024 21:17	59302 MCAL_T1	1	1	0	0.2	0.3	0.1	0	0	0	0	0	0	0	0
3/11/2024 21:17	43202 MVIL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/11/2024 21:17	53903 HALI_T2	2	2	0	1.35	1.5	0.15	0	0	0	0	0	0	0	0
3/11/2024 21:17	45502 DERR_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/11/2024 21:17	52503 PROG_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/11/2024 21:17	54001 SDLE_T1	2	2	0	0.85	0.7	-0.15	0	0	0	0	0	0	0	0
3/11/2024 21:18	53501 EVIL_T2	3	4	1	0.33	0.35	0.02	0	0	0	0	0	0	0	0
3/11/2024 21:18	50107 HARR_T3	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/11/2024 21:18	46203 DANV_T2	98	116	18	0.48	0.54	0.06	0	0	0	0	0	0	0	0
3/11/2024 21:18	42802 SELI_T1	0	1	1	0	0.2	0.2	0	0	0	0	0	0	0	0
3/11/2024 21:18	20603 GRWO_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/11/2024 21:18	67604 WARW_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/11/2024 21:18	59003 MIFF_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/11/2024 21:18	40901 JESH_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/11/2024 21:18	10707 CATA_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/11/2024 21:18	45502 DERR_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/11/2024 21:18	43802 SWIL_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/11/2024 21:18	41601 CLEV_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/11/2024 21:18	20403 ASHF_T2	45	7	-38	0.51	0	-0.51	0	0	0	0	0	0	0	0
3/11/2024 21:18	58402 MORO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/11/2024 21:18	62602 ENGL_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/11/2024 21:18	54506 ENOL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/11/2024 21:18	57403 SPAN_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/11/2024 21:18	56802 BENV_T2	159	242	83	0.31	0.49	0.18	0	0	0	0	0	0	0	0
3/11/2024 21:18	64301 LINC_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/11/2024 21:19	18001 ZION_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/11/2024 21:19	50503 MECH_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/11/2024 21:19	67503 WEWI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/11/2024 21:19	67502 WEWI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/11/2024 21:19	43303 WATS_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/11/2024 21:19	58402 MORO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/11/2024 21:19	43303 WATS_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/11/2024 21:19	63202 MGTN_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/11/2024 21:19	54504 ENOL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/11/2024 21:19	62604 ENGL_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/11/2024 21:19	54506 ENOL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/11/2024 21:19	57401 SPAN_T1	2	2	0	0.3	0.75	0.45	0	0	0	0	0	0	0	0
3/11/2024 21:19	41801 GOCI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/11/2024 21:19	56503 ROCK_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/11/2024 21:19	17804 GILB_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/11/2024 21:19	55001 NEWP_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/11/2024 21:19	67002 STHI_T2	315	503	188	0.2	0.28	0.08	0	0	0	0	0	0	0	0
3/11/2024 21:19	41602 CLEV_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/11/2024 21:19	42703 AUGU_T1	0	1	1	0	0.7	0.7	0	0	0	0	0	0	0	0
3/11/2024 21:19	43001 ALWD_T1	12	19	7	0.32	0.37	0.05	0	0	0	0	0	0	0	0
3/11/2024 21:20	20602 GRWO_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/11/2024 21:20	57401 SPAN_T1	2	2	0	0.3	0.75	0.45	0	0	0	0	0	0	0	0
3/11/2024 21:20	14402 SSLA_T1	163	284	121	0.23	0.35	0.12	0	0	0	0	0	0	0	0
3/11/2024 21:20	42802 SELI_T1	0	1	1	0	0.2	0.2	0	0	0	0	0	0	0	0
3/11/2024 21:20	60603 NCOL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/11/2024 21:20	67402 WAKE_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/11/2024 21:20	45501 DERR_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/11/2024 21:20	20402 ASHF_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/11/2024 21:20	42701 AUGU_T1	0	1	1	0	0.7	0.7	0	0	0	0	0	0	0	0
3/11/2024 21:20	56503 ROCK_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/11/2024 21:20	61802 EELI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/11/2024 21:20	45402 WBLO_T2	6	23	17	0.1	0.17	0.07	0	0	0	0	0	0	0	0
3/11/2024 21:20	47401 PENS_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/11/2024 21:20	40602 PIGR_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/11/2024 21:20	60701 BREC_T1	5	266	261	0.1	0.18	0.08	0	0	0	0	0	0	0	0
3/11/2024 21:20	54201 PENN_T2	0	4	4	0	0.1	0.1	0	0	0	0	0	0	0	0
3/11/2024 21:20	43202 MVIL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/11/2024 21:20	67002 STHI_T2	315	503	188	0.2	0.28	0.08	0	0	0	0	0	0	0	0
3/11/2024 21:20	64802 MONE_T2	25	16	-9	0.12	0.14	0.02	0	0	0	0	0	0	0	0
3/11/2024 21:20	40201 BEGA_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/11/2024 21:20	44302 BEAV_T2	3	0	-3	0.1	0	-0.1	0	0	0	0	0	0	0	0
3/11/2024 21:20	67503 WEWI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/11/2024 21:20	41802 GOCI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/11/2024 21:20	67001 STHI_T2	611	840	229	0.34	0.39	0.05	0	0	0	0	0	0	0	0
3/11/2024 21:21	50506 MECH_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/11/2024 21:21	54502 ENOL_T2	0	1	1	0	0.5	0.5	0	0	0	0	0	0	0	0
3/11/2024 21:21	46204 DANV_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/11/2024 21:21	56802 BENV_T2	159	242	83	0.31	0.49	0.18	0	0	0	0	0	0	0	0
3/11/2024 21:21	54503 ENOL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/11/2024 21:21	67502 WEWI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/11/2024 21:21	45502 DERR_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/11/2024 21:21	58402 MORO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/11/2024 21:21	43001 ALWD_T1	12	19	7	0.32	0.37	0.05	0	0	0	0	0	0	0	0
3/11/2024 21:21	42902 MIDD_T2	22	22	0	0.27	0.24	-0.03	0	0	0	0	0	0	0	0
3/11/2024 21:21	53901 HALI_T2	1	5	4	0.6	0.28	-0.32	0	0	0	0	0	0	0	0
3/11/2024 21:21	58402 MORO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/11/2024 21:21	54206 PENN_T2	2	5	3	0.1	0.2	0.1	0	0	0	0	0	0	0	0
3/11/2024 21:21	57302 MOAL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/11/2024 21:21	43802 SWIL_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/11/2024 21:22	46204 DANV_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/11/2024 21:22	43301 WATS_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/11/2024 21:22	46205 DANV_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/11/2024 21:22	42903 MIDD_T2	2	2	0	1.45	1.35	-0.1	0	0	0	0	0	0	0	0
3/11/2024 21:22	47401 PENS_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/11/2024 21:22	46803 HEPB_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/11/2024 21:22	64802 MONE_T2	25	16	-9	0.12	0.14	0.02	0	0	0	0	0	0	0	0
3/11/2024 21:22	50502 MECH_T1	1	1	0	2	2.4	0.4	0	0	0	0	0	0	0	0
3/11/2024 21:22	56802 BENV_T2	159	242	83	0.31	0.49	0.18	0	0	0	0	0	0	0	0
3/11/2024 21:22	42801 SELI_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/11/2024 21:22	67203 TEHI_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/11/2024 21:22	58401 MORO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/11/2024 21:22	53501 EVIL_T2	3	4	1	0.33	0.35	0.02	0	0	0	0	0	0	0	0
3/11/2024 21:22	40101 HUNT_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/11/2024 21:22	45502 DERR_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/11/2024 21:22	45402 WBLO_T2	6	23	17	0.1	0.17	0.07	0	0	0	0	0	0	0	0
3/11/2024 21:22	67201 TEHI_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/11/2024 21:23	54501 ENOL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/11/2024 21:23	43001 ALWD_T1	12	19	7	0.32	0.37	0.05	0	0	0	0	0	0	0	0
3/11/2024 21:23	45402 WBLO_T2	6	23	17	0.1	0.17	0.07	0	0	0	0	0	0	0	0
3/11/2024 21:23	56801 BENV_T1	7	11	4	0.41	0.48	0.07	0	0	0	0	0	0	0	0
3/11/2024 21:23	28604 BLYT_T2	1	1	0	0	0	0	0	0	0	0	0	0	0	0
3/11/2024 21:23	59001 MIFF_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/11/2024 21:23	46702 RENO_T1	13	11	-2	0.18	0.16	-0.02	0	0	0	0	0	0	0	0
3/11/2024 21:23	54001 SDLE_T1	2	2	0	0.85	0.7	-0.15	0	0	0	0	0	0	0	0
3/11/2024 21:24	15001 BLMO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/11/2024 21:24	41902 REED_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/11/2024 21:24	44502 HAMI_T2	1	1	0	3	3.3	0.3	0	0	0	0	0	0	0	0
3/11/2024 21:24	14402 SSLA_T1	163	284	121	0.23	0.35	0.12	0	0	0	0	0	0	0	0
3/11/2024 21:24	66703 STRA_T1	2	8	6	0.2	0.23	0.03	0	0	0	0	0	0	0	0
3/11/2024 21:24	43304 WATS_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/11/2024 21:24	42801 SELI_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/11/2024 21:24	40101 HUNT_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/11/2024 21:24	67402 WAKE_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/11/2024 21:24	44301 BEAV_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/11/2024 21:24	47401 PENS_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/11/2024 21:24	56504 ROCK_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/11/2024 21:24	46602 LACR_T1	0	1	1	0	0.2	0.2	0	0	0	0	0	0	0	0
3/11/2024 21:25	20403 ASHF_T2	45	7	-38	0.51	0	-0.51	0	0	0	0	0	0	0	0
3/11/2024 21:25	56503 ROCK_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/11/2024 21:25	67601 WARW_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/11/2024 21:25	47402 PENS_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/11/2024 21:25	55002 NEWP_T1	4	4	0	0.65	1.18	0.53	0	0	0	0	0	0	0	0
3/11/2024 21:26	43001 ALWD_T1	12	19	7	0.32	0.37	0.05	0	0	0	0	0	0	0	0
3/11/2024 21:26	54202 PENN_T2	0	4	4	0	0.1	0.1	0	0	0	0	0	0	0	0
3/11/2024 21:26	42902 MIDD_T2	22	22	0	0.27	0.24	-0.03	0	0	0	0	0	0	0	0
3/11/2024 21:27	42801 SELI_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/11/2024 21:27	54501 ENOL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/11/2024 21:28	43304 WATS_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/11/2024 21:41	65005 NEFF_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/11/2024 21:45	46003 BERW_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/11/2024 22:09	43302 WATS_T2	4	4	0	0.55	0.78	0.23	0	0	0	0	0	0	0	0
3/11/2024 22:35	40101 HUNT_T2	3	0	-3	0.97	0	-0.97	0	0	0	0	0	0	0	0
3/11/2024 22:39	65002 NEFF_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/11/2024 22:43	43201 MVIL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/11/2024 23:21	65003 NEFF_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/12/2024 0:13	65001 NEFF_T2	61	214	153	0.13	0.19	0.06	0	0	0	0	0	0	0	0
3/12/2024 0:34	65001 NEFF_T2	204	221	17	0.19	0.25	0.06	0	0	0	0	0	0	0	0
3/12/2024 1:43	65002 NEFF_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/12/2024 2:40	65005 NEFF_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/12/2024 5:07	65002 NEFF_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/12/2024 5:34	65001 NEFF_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/12/2024 6:26	65005 NEFF_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/12/2024 7:15	58001 WCAR_T1	3	0	-3	0.23	0	-0.23	0	0	0	0	0	0	0	0
3/12/2024 7:55	65002 NEFF_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/12/2024 7:56	45502 DERR_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/12/2024 8:00	40101 HUNT_T2	41	28	-13	0.3	0.25	-0.05	0	0	0	0	0	0	0	0
3/12/2024 8:16	65003 NEFF_T2	0	0	0	1	0	-1	0	0	0	0	0	0	0	0
3/12/2024 8:25	56802 BENV_T2	147	250	103	0.28	0.53	0.25	0	0	0	0	0	0	0	0
3/12/2024 8:26	54503 ENOL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/12/2024 8:26	54506 ENOL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/12/2024 8:28	46204 DANV_T2	0	2	2	0	0	0	0	0	0	0	0	0	0	0
3/12/2024 8:28	23902 EFMO_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/12/2024 8:29	54505 ENOL_T2	1	1	0	0.9	1.1	0.2	0	0	0	0	0	0	0	0
3/12/2024 8:29	54502 ENOL_T2	1	1	0	0.5	0.7	0.2	0	0	0	0	0	0	0	0
3/12/2024 8:29	56802 BENV_T2	147	250	103	0.28	0.53	0.25

Appendix C - Grid Benefits Achieved in Each Instance of Active Management

3/12/2024 9:29	54503 ENOL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/12/2024 9:31	40101 HUNT_T2	0	2	2	0	0.3	0.3	0	0	0	0	0	0	0	0
3/12/2024 9:38	40201 BEGA_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/12/2024 9:40	65003 NEFF_T2	0	5	5	0	0.12	0.12	0	0	0	0	0	0	0	0
3/12/2024 9:41	23902 EFMO_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/12/2024 9:47	42001 MNVL_T2	2	2	0	0.15	0.1	-0.05	0	0	0	0	0	0	0	0
3/12/2024 9:48	43202 MVIL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/12/2024 9:48	41902 REID_T1	0	2	2	0	0	0	0	0	0	0	0	0	0	0
3/12/2024 9:49	46701 RENO_T1	132	159	27	0.31	0.31	0	0	0	0	0	0	0	0	0
3/12/2024 9:50	14403 SSLA_T1	1	8	7	0.5	0.35	-0.15	0	0	0	0	0	0	0	0
3/12/2024 9:51	14402 SSLA_T1	6	75	69	0.18	0.23	0.05	0	0	0	0	0	0	0	0
3/12/2024 9:51	20403 ASHF_T2	16	30	14	0.26	0.22	-0.04	0	0	0	0	0	0	0	0
3/12/2024 9:51	29402 BELT_T1	2	4	2	4.15	2.58	-1.57	0	0	0	0	0	0	0	0
3/12/2024 9:52	41901 REED_T1	3	2	-1	0.1	0.1	0	0	0	0	0	0	0	0	0
3/12/2024 9:53	20403 ASHF_T2	16	30	14	0.26	0.22	-0.04	0	0	0	0	0	0	0	0
3/12/2024 9:54	67402 WAKE_T2	1	1	0	0.1	0.1	0	0	0	0	0	0	0	0	0
3/12/2024 9:54	18001 ZION_T1	0	3	3	0	0.13	0.13	0	0	0	0	0	0	0	0
3/12/2024 9:56	41802 GOCI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/12/2024 9:59	47001 HUGH_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/12/2024 9:59	41802 GOCI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/12/2024 10:00	40101 HUNT_T2	1	0	-1	0.3	0	-0.3	0	0	0	0	0	0	0	0
3/12/2024 10:00	41903 REED_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/12/2024 10:00	67402 WAKE_T2	1	1	0	0.1	0.2	0.1	0	0	0	0	0	0	0	0
3/12/2024 10:00	14401 SSLA_T1	3	15	12	0.2	0.35	0.15	0	0	0	0	0	0	0	0
3/12/2024 10:00	46002 BERW_T2	1	1	0	0.5	0.5	0	0	0	0	0	0	0	0	0
3/12/2024 10:00	58402 MORO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/12/2024 10:00	43302 WATS_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/12/2024 10:00	66302 MCGO_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/12/2024 10:00	67502 WEWI_T2	2	2	0	0.45	0.9	0.45	0	0	0	0	0	0	0	0
3/12/2024 10:00	45501 DERR_T2	1	0	-1	0.3	0	-0.3	0	0	0	0	0	0	0	0
3/12/2024 10:00	20602 GRWO_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/12/2024 10:00	53501 EVIL_T2	5	6	1	0.94	0.97	0.03	0	0	0	0	0	0	0	0
3/12/2024 10:00	46701 RENO_T1	159	2	-157	0.31	5.15	4.84	0	0	0	0	0	0	0	0
3/12/2024 10:00	65003 NEFF_T2	4	5	1	0.13	0.26	0.13	0	0	0	0	0	0	0	0
3/12/2024 10:00	53901 HALI_T2	1	1	0	0.3	0.2	-0.1	0	0	0	0	0	0	0	0
3/12/2024 10:00	16102 BING_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/12/2024 10:00	40601 PIGR_T1	235	218	-17	0.45	0.38	-0.07	0	0	0	0	0	0	0	0
3/12/2024 10:00	54602 SUMM_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/12/2024 10:00	17805 GILB_T2	1	2	1	0.6	0.45	-0.15	0	0	0	0	0	0	0	0
3/12/2024 10:00	60701 BREC_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/12/2024 10:00	47401 PENS_T1	43	51	8	0.36	0.41	0.05	0	0	0	0	0	0	0	0
3/12/2024 10:00	56601 HAMP_T1	0	1	1	0	0	0	0	0	0	0	0	0	0	0
3/12/2024 10:00	43001 ALWD_T1	1	3	2	0.3	0.23	-0.07	0	0	0	0	0	0	0	0
3/12/2024 10:00	42204 SHEN_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/12/2024 10:00	48302 ORWI_T2	2	2	0	1.1	1.1	0	0	0	0	0	0	0	0	0
3/12/2024 10:00	47104 MARL_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/12/2024 10:00	47101 MARL_T1	0	1	1	0	0	0	0	0	0	0	0	0	0	0
3/12/2024 10:00	26001 WDAM_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/12/2024 10:00	57306 MOAL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/12/2024 10:00	62605 ENGL_T1	1	1	0	0.2	0.5	0.3	0	0	0	0	0	0	0	0
3/12/2024 10:00	40504 CRES_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/12/2024 10:00	54206 PENN_T2	5	5	0	0.18	0.16	-0.02	0	0	0	0	0	0	0	0
3/12/2024 10:00	55002 NEWP_T1	7	8	1	1.14	1.06	-0.08	0	0	0	0	0	0	0	0
3/12/2024 10:00	40201 BEGA_T2	0	2	2	0	0.35	0.35	0	0	0	0	0	0	0	0
3/12/2024 10:06	20402 ASHF_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/12/2024 10:06	52006 LING_T2	3	3	0	0.4	0.37	-0.03	0	0	0	0	0	0	0	0
3/12/2024 10:06	56802 BENV_T2	11	109	98	0.3	0.21	-0.09	0	0	0	0	0	0	0	0
3/12/2024 10:06	24101 EHAZ_T1	11	21	10	0.24	0.71	0.47	0	0	0	0	0	0	0	0
3/12/2024 10:06	29401 BELT_T1	71	77	6	0.29	0.45	0.16	0	0	0	0	0	0	0	0
3/12/2024 10:07	59102 WALK_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/12/2024 10:07	42302 MOWR_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/12/2024 10:07	67201 TEHI_T1	0	2	2	0	0.15	0.15	0	0	0	0	0	0	0	0
3/12/2024 10:07	47104 MARL_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/12/2024 10:07	17002 RIRO_T2	2	12	10	0.7	0.35	-0.35	0	0	0	0	0	0	0	0
3/12/2024 10:07	40101 HUNT_T2	1	0	-1	0.3	0	-0.3	0	0	0	0	0	0	0	0
3/12/2024 10:07	14402 SSLA_T1	24	264	240	0.19	0.29	0.1	0	0	0	0	0	0	0	0
3/12/2024 10:07	56802 BENV_T2	11	109	98	0.3	0.21	-0.09	0	0	0	0	0	0	0	0
3/12/2024 10:07	52003 LING_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/12/2024 10:07	29401 BELT_T1	71	77	6	0.29	0.45	0.16	0	0	0	0	0	0	0	0
3/12/2024 10:08	29401 BELT_T1	71	77	6	0.29	0.45	0.16	0	0	0	0	0	0	0	0
3/12/2024 10:08	58003 WCAR_T1	1	1	0	0.4	0.5	0.1	0	0	0	0	0	0	0	0
3/12/2024 10:08	46003 BERW_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/12/2024 10:08	29402 BELT_T1	2	5	3	4.35	2.53	-1.82	0	0	0	0	0	0	0	0
3/12/2024 10:08	42002 MNVL_T2	1	1	0	7.5	6.8	-0.7	0	0	0	0	0	0	0	0
3/12/2024 10:08	60803 BUCK_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/12/2024 10:08	42903 MIDD_T2	2	2	0	1	1.15	0.15	0	0	0	0	0	0	0	0
3/12/2024 10:08	56802 BENV_T2	11	109	98	0.3	0.21	-0.09	0	0	0	0	0	0	0	0
3/12/2024 10:08	13701 SCHN_T2	11	15	4	0.16	0.19	0.03	0	0	0	0	0	0	0	0
3/12/2024 10:09	67402 WAKE_T2	1	1	0	0.1	0.2	0.1	0	0	0	0	0	0	0	0
3/12/2024 10:09	20403 ASHF_T2	28	18	-10	0.23	0.26	0.03	0	0	0	0	0	0	0	0
3/12/2024 10:09	23901 EFMO_T2	3	7	4	0.2	0.19	-0.01	0	0	0	0	0	0	0	0
3/12/2024 10:09	67203 TEHI_T1	1	0	-1	0.1	0	-0.1	0	0	0	0	0	0	0	0
3/12/2024 10:09	43001 ALWD_T1	1	3	2	0.3	0.23	-0.07	0	0	0	0	0	0	0	0
3/12/2024 10:09	56802 BENV_T2	11	109	98	0.3	0.21	-0.09	0	0	0	0	0	0	0	0
3/12/2024 10:10	54505 ENOL_T2	1	2	1	1.1	0.6	-0.5	0	0	0	0	0	0	0	0
3/12/2024 10:10	29402 BELT_T1	2	5	3	4.35	2.53	-1.82	0	0	0	0	0	0	0	0
3/12/2024 10:10	29402 BELT_T1	2	5	3	4.35	2.53	-1.82	0	0	0	0	0	0	0	0
3/12/2024 10:10	56802 BENV_T2	11	109	98	0.3	0.21	-0.09	0	0	0	0	0	0	0	0
3/12/2024 10:11	54503 ENOL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/12/2024 10:11	29401 BELT_T1	71	77	6	0.29	0.45	0.16	0	0	0	0	0	0	0	0
3/12/2024 10:11	56802 BENV_T2	11	109	98	0.3	0.21	-0.09	0	0	0	0	0	0	0	0
3/12/2024 10:11	44301 BEAV_T2	4	7	3	0.4	0.4	0	0	0	0	0	0	0	0	0
3/12/2024 10:11	42701 AUGU_T1	2	1	-1	0.55	1.3	0.75	0	0	0	0	0	0	0	0
3/12/2024 10:12	41801 GOCI_T2	4	109	105	0.18	0.3	0.12	0	0	0	0	0	0	0	0
3/12/2024 10:12	54502 ENOL_T2	1	1	0	0.8	0.8	0	0	0	0	0	0	0	0	0
3/12/2024 10:12	54504 ENOL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/12/2024 10:12	54506 ENOL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/12/2024 10:12	44302 BEAV_T2	1	3	2	0.1	0.27	0.17	0	0	0	0	0	0	0	0
3/12/2024 10:13	54505 ENOL_T2	1	2	1	1.1	0.6	-0.5	0	0	0	0	0	0	0	0
3/12/2024 10:13	23902 EFMO_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/12/2024 10:13	43001 ALWD_T1	1	3	2	0.3	0.23	-0.07	0	0	0	0	0	0	0	0
3/12/2024 10:14	28604 BLYT_T2	1	1	0	0	0	0	0	0	0	0	0	0	0	0
3/12/2024 10:14	46801 HEPB_T2	2	2	0	0.7	0.9	0.2	0	0	0	0	0	0	0	0
3/12/2024 10:14	54504 ENOL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/12/2024 10:14	56802 BENV_T2	11	109	98	0.3	0.21	-0.09	0	0	0	0	0	0	0	0
3/12/2024 10:14	64702 LITI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/12/2024 10:14	40101 HUNT_T2	1	0	-1	0.3	0	-0.3	0	0	0	0	0	0	0	0
3/12/2024 10:15	54501 ENOL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/12/2024 10:15	54505 ENOL_T2	2	2	0	0.6	0.8	0.2	0	0	0	0	0	0	0	0
3/12/2024 10:15	59002 MIFF_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/12/2024 10:15	54504 ENOL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/12/2024 10:17	25502 MADI_T1	1	1	0	0.3	0.6	0.3	0	0	0	0	0	0	0	0
3/12/2024 10:17	65005 NEFF_T2	2	1	-1	0.3	0.1	-0.2	0	0	0	0	0	0	0	0
3/12/2024 10:18	56503 ROCK_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/12/2024 10:18	64702 LITI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/12/2024 10:18	12704 MACU_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/12/2024 10:19	58401 MORO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/12/2024 10:19	56501 ROCK_T2	16	50	34	0.34	0.23	-0.11	0	0	0	0	0	0	0	0
3/12/2024 10:19	52503 PROG_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/12/2024 10:20	56501 ROCK_T2	16	50	34	0.34	0.23	-0.11	0	0	0	0	0	0	0	0
3/12/2024 10:20	54203 PENN_T1	30	29	-1	0.98	1.02	0.04	0	0	0	0	0	0	0	0
3/12/2024 10:20	41802 GOCI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/12/2024 10:20	43201 MVIL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/12/2024 10:21	56504 ROCK_T2	1	3	2	0.7	0.5	-0.2	0	0	0	0	0	0	0	0
3/12/2024 10:21	67502 WEWI_T2	2	6	4	0.8	0.45	-0.35	0	0	0	0	0	0	0	0
3/12/2024 10:22	56504 ROCK_T2	1	3	2	0.7	0.5	-0.2	0	0	0	0	0	0	0	0
3/12/2024 10:22	44301 BEAV_T2	6	11	5	0.4	0.4	0	0	0	0	0	0	0	0	0
3/12/2024 10:22	67503 WEWI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/12/2024 10:23	60801 BUCK_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/12/2024 10:24	54503 ENOL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/12/2024 10:24	67503 WEWI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/12/2024 10:26	18001 ZION_T1	2	2	0	0.15	0.35	0.2	0	0	0	0	0	0	0	0
3/12/2024 10:26	54506 ENOL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/12/2024 10:26	41801 GOCI_T2	8	157	149	0.29	0.38	0.09	0	0	0	0	0	0	0	0
3/12/2024 10:28	10801 CHHI_T1	0	2	2	0	0.25	0.25	0	0	0	0	0	0	0	0
3/12/2024 10:30	40101 HUNT_T2	0	3	3	0	0.3	0.3	0	0	0	0	0	0	0	0
3/12/2024 10:31	12701 MACU_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/12/2024 10:32	64201 KINZ_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/12/2024 10:33	64801 MONE_T2	94	201	107	0.41	0.47	0.06	0	0	0	0	0	0	0	0
3/12/2024 10:34	42701 AUGU_T1	1	3	2	1.3	0.67	-0.63	0	0	0	0	0	0	0	0
3/12/2024 10:35	67604 WARW_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/12/2024 10:35	13302 ORVI_T2	2	3	1	0.6	0.53	-0.07	0	0	0	0	0	0	0	0
3/12/2024 10:36	67605 WARW_T1	44	58	14	0.6	0.62	0.02	0	0	0	0	0	0	0	0
3/12/2024 10:37	66703 STRA_T1	2	5	3	0.35	0.3	-0.05	0	0	0	0	0	0	0	0
3/12/2024 10:37	43802 SWIL_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/12/2024 10:38	43801 SWIL_T1	10	17	7	0.56	0.48	-0.08	0	0	0	0	0	0	0	0
3/12/2024 10:39	43801 SWIL_T1	10	17	7	0.56	0.48	-0.08	0	0	0	0	0	0	0	0
3/12/2024 10:40	60101 COCA_T1	0	1	1	0	0.3	0.3	0	0	0	0	0	0	0	0
3/12/2024 10:41	62602 ENGL_T1	0	1	1	0	0.2	0.2	0	0	0	0	0	0	0	0
3/12/2024 10:41	17804 GILB_T2	2	6	4	1.2	0.43	-0.77	0	0	0	0	0	0	0	0
3/12/2024 10:41	15001 BLMO_T1	3	6	3	0.13	0.32	0.19	0	0	0	0	0	0	0	0
3/12/2024 10:42	15001 BLMO_T1	3	6	3	0.13	0.32	0.19	0	0	0	0	0	0	0	0
3/12/2024 10:43	60101 COCA_T1	0	1	1	0	0.3	0.3	0	0	0	0	0	0	0	0
3/12/2024 10:43	17801 GILB_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/12/2024 10:43	15001 BLMO_T1	3	6	3	0.13	0.32	0.19	0	0	0	0	0	0	0	0
3/12/2024 10:43	40101 HUNT_T2	0	3	3	0	0.3	0.3	0	0	0	0	0	0	0	0
3/12/2024 10:44	64301 LINC_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/12/2024 10:44	17804 GILB_T2	2	6	4	1.2	0.43	-0.77	0	0	0	0	0	0	0	0
3/12/2024 10:44	17801 GILB_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/12/2024 10:45	50501 MECH_T1	4	5	1	1.13	1.22	0.09	0	0	0	0	0	0	0	0
3/12/2024 10:46	50504 MECH_T1	2	5	3	0.1	0.34	0.24	0	0	0	0	0	0	0	0
3/12/2024 10:46	58401 MORO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/12/2024 10:47	54204 PENN_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/12/2024 10:47	47402 PENS_T1	1	2	1	0.2	0.6	0.4	0	0	0	0	0	0	0	0
3/12/2024 10:48	28704 HAML_T2	188	198	10	0.99	1.49	0.5	0	0	0	0	0	0	0	0
3/12/2024 10:48	50503 MECH_T1	0	2	2	0	0.2	0.2	0	0	0	0	0	0	0	0
3/12/2024 10:48	28805 LAKE_T1	0	1	1	0	0.5	0.5	0	0	0	0	0	0	0	0
3/12/2024 10:48	42002 MNVL_T2	1	1	0	6.9	6.9	0	0	0	0	0	0	0	0	0
3/12/2024 10:48	57403 SPAN_T1	3	27	24	0.47	0.34	-0.13	0	0	0	0	0	0	0	0
3/12/2024 10:49	50501 MECH_T1	4	5	1	1.13	1.22	0.09	0	0	0	0	0	0	0	0
3/12/2024 10:49	54202 PENN_T2	2	1	-1	0.25	0.1	-0.15	0	0	0	0	0	0	0	0
3/12/2024 10:49	57403 SPAN_T1	3	27	24	0.47	0.34	-0.13	0	0	0	0	0	0	0	0
3/12/2024 10:49	57401 SPAN_T1	6	16	10	0.5	0.49	-0.01	0	0	0	0	0	0	0	0
3/12/2024 10:49	54001 SDLE_T1	7	8	1	1.03	1.06	0.03	0	0	0	0	0	0	0	0
3/12/2024 10:50	58402 MORO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/12/2024 10:50	54206 PENN_T2	6	1	-5	0.15	0.2	0.05	0	0	0	0	0	0	0	0
3/12/2024 10:50	43802 SWIL_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/12/2024 10:50	14402 SSLA_T1	404	574	170	0.28	0.41	0.13	0	0	0	0	0	0	0	0
3/12/2024 10:51	54206 PENN_T2	6	1	-5	0.15	0.2	0.05	0	0	0	0	0	0	0	0
3/12/2024 10:51	24902 WHHA_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/12/2024 10:51	16302 ALPA_T2	0	1	1	0	0.2	0.2	0	0	0	0	0	0	0	0
3/12/2024 10:51	57403 SPAN_T1	3	27	24	0.47	0.34	-0.13	0	0	0	0	0	0	0	0
3/12/2024 10:51	54001 SDLE_T1	7	8	1	1.03

Appendix C - Grid Benefits Achieved in Each Instance of Active Management

3/12/2024 11:06	13302 ORVI_T2	3	4	1	0.4	0.58	0.18	0	0	0	0	0	0	0	0
3/12/2024 11:06	44601 SALE_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/12/2024 11:07	57403 SPAN_T1	18	24	6	0.28	0.38	0.1	0	0	0	0	0	0	0	0
3/12/2024 11:07	44601 SALE_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/12/2024 11:08	14801 TREI_T2	125	156	31	0.56	0.5	-0.06	0	0	0	0	0	0	0	0
3/12/2024 11:08	44302 BEAV_T2	6	10	4	0.45	0.55	0.1	0	0	0	0	0	0	0	0
3/12/2024 11:08	42701 AUGU_T1	2	5	3	0.85	0.5	-0.35	0	0	0	0	0	0	0	0
3/12/2024 11:09	10805 CHHI_T2	2	5	3	3.9	1.74	-2.16	0	0	0	0	0	0	0	0
3/12/2024 11:09	15704 TANN_T1	6	5	-1	0.3	0.28	-0.02	0	0	0	0	0	0	0	0
3/12/2024 11:09	40602 PIGR_T1	1	3	2	0.5	0.6	0.1	0	0	0	0	0	0	0	0
3/12/2024 11:09	42701 AUGU_T1	2	5	3	0.85	0.5	-0.35	0	0	0	0	0	0	0	0
3/12/2024 11:10	14801 TREI_T2	125	156	31	0.56	0.5	-0.06	0	0	0	0	0	0	0	0
3/12/2024 11:10	40603 PIGR_T1	1	1	0	0.1	0.4	0.3	0	0	0	0	0	0	0	0
3/12/2024 11:11	46206 DANV_T2	7	10	3	0.36	0.48	0.12	0	0	0	0	0	0	0	0
3/12/2024 11:12	54501 ENOL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/12/2024 11:12	61802 EELI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/12/2024 11:12	54505 ENOL_T2	2	2	0	0.6	0.75	0.15	0	0	0	0	0	0	0	0
3/12/2024 11:12	10805 CHHI_T2	2	5	3	3.9	1.74	-2.16	0	0	0	0	0	0	0	0
3/12/2024 11:13	47001 HUGH_T2	1	2	1	0.3	0.4	0.1	0	0	0	0	0	0	0	0
3/12/2024 11:13	50107 HARR_T3	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/12/2024 11:14	65003 NEFF_T2	2	3	1	0.4	0.57	0.17	0	0	0	0	0	0	0	0
3/12/2024 11:14	60101 COCA_T1	1	3	2	0.3	0.37	0.07	0	0	0	0	0	0	0	0
3/12/2024 11:14	50504 MECH_T1	3	5	2	0.33	0.3	-0.03	0	0	0	0	0	0	0	0
3/12/2024 11:15	50202 HARR_T3	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/12/2024 11:15	54502 ENOL_T2	1	1	0	0.1	0.2	0.1	0	0	0	0	0	0	0	0
3/12/2024 11:15	54504 ENOL_T2	0	1	1	0	0.1	0.1	0	0	0	0	0	0	0	0
3/12/2024 11:16	54503 ENOL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/12/2024 11:16	50502 MECH_T1	2	2	0	1.6	1.3	-0.3	0	0	0	0	0	0	0	0
3/12/2024 11:16	63205 MGTN_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/12/2024 11:16	40101 HUNT_T2	2	3	1	0.45	0.23	-0.22	0	0	0	0	0	0	0	0
3/12/2024 11:17	50501 MECH_T1	5	5	0	1.22	1.06	-0.16	0	0	0	0	0	0	0	0
3/12/2024 11:17	41903 REED_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/12/2024 11:18	50503 MECH_T1	1	2	1	0.3	0.25	-0.05	0	0	0	0	0	0	0	0
3/12/2024 11:18	63205 MGTN_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/12/2024 11:18	65502 MOJO_T2	36	11	-25	0.11	0.15	0.04	0	0	0	0	0	0	0	0
3/12/2024 11:18	52503 PROG_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/12/2024 11:18	41903 REED_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/12/2024 11:19	57401 SPAN_T1	13	36	23	0.44	0.37	-0.07	0	0	0	0	0	0	0	0
3/12/2024 11:19	63205 MGTN_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/12/2024 11:19	41903 REED_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/12/2024 11:19	66505 SMAN_T2	0	4	4	0	0.35	0.35	0	0	0	0	0	0	0	0
3/12/2024 11:19	67002 STHI_T2	26	45	19	0.36	0.37	0.01	0	0	0	0	0	0	0	0
3/12/2024 11:19	57403 SPAN_T1	24	27	3	0.37	0.32	-0.05	0	0	0	0	0	0	0	0
3/12/2024 11:19	43201 MVIL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/12/2024 11:19	28803 LAKE_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/12/2024 11:20	28801 LAKE_T1	100	206	106	0.22	0.2	-0.02	0	0	0	0	0	0	0	0
3/12/2024 11:20	43202 MVIL_T2	1	1	0	0.7	0.8	0.1	0	0	0	0	0	0	0	0
3/12/2024 11:20	57403 SPAN_T1	24	27	3	0.37	0.32	-0.05	0	0	0	0	0	0	0	0
3/12/2024 11:20	67002 STHI_T2	26	45	19	0.36	0.37	0.01	0	0	0	0	0	0	0	0
3/12/2024 11:20	67002 STHI_T2	26	45	19	0.36	0.37	0.01	0	0	0	0	0	0	0	0
3/12/2024 11:21	14801 TREI_T2	119	170	51	0.5	0.5	0	0	0	0	0	0	0	0	0
3/12/2024 11:21	67402 WAKE_T2	1	3	2	0.2	0.23	0.03	0	0	0	0	0	0	0	0
3/12/2024 11:21	67002 STHI_T2	26	45	19	0.36	0.37	0.01	0	0	0	0	0	0	0	0
3/12/2024 11:21	65503 MOJO_T2	29	29	0	0.32	0.42	0.1	0	0	0	0	0	0	0	0
3/12/2024 11:21	41901 REED_T1	9	10	1	0.39	0.48	0.09	0	0	0	0	0	0	0	0
3/12/2024 11:22	26001 WDAM_T1	0	4	4	0	0.58	0.58	0	0	0	0	0	0	0	0
3/12/2024 11:22	67001 STHI_T2	8	185	177	0.39	0.13	-0.26	0	0	0	0	0	0	0	0
3/12/2024 11:22	43801 SWIL_T1	16	16	0	0.46	0.47	0.01	0	0	0	0	0	0	0	0
3/12/2024 11:23	42204 SHEN_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/12/2024 11:23	14802 TREI_T2	99	149	50	0.28	0.32	0.04	0	0	0	0	0	0	0	0
3/12/2024 11:24	55101 WERT_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/12/2024 11:24	67504 WEWI_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/12/2024 11:24	67001 STHI_T2	8	185	177	0.39	0.13	-0.26	0	0	0	0	0	0	0	0
3/12/2024 11:24	67502 WEWI_T2	10	41	31	0.54	0.3	-0.24	0	0	0	0	0	0	0	0
3/12/2024 11:24	67002 STHI_T2	26	45	19	0.36	0.37	0.01	0	0	0	0	0	0	0	0
3/12/2024 11:24	15704 TANN_T1	8	4	-4	1.14	0.35	-0.79	0	0	0	0	0	0	0	0
3/12/2024 11:25	41602 CLEV_T1	0	1	1	0	0.2	0.2	0	0	0	0	0	0	0	0
3/12/2024 11:25	67502 WEWI_T2	10	41	31	0.54	0.3	-0.24	0	0	0	0	0	0	0	0
3/12/2024 11:26	41602 CLEV_T1	0	1	1	0	0.2	0.2	0	0	0	0	0	0	0	0
3/12/2024 11:26	67502 WEWI_T2	10	41	31	0.54	0.3	-0.24	0	0	0	0	0	0	0	0
3/12/2024 11:26	23902 EFMO_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/12/2024 11:30	25502 MADI_T1	1	1	0	0.8	0.8	0	0	0	0	0	0	0	0	0
3/12/2024 11:30	46204 DANV_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/12/2024 11:30	23902 EFMO_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/12/2024 11:31	64801 MONE_T2	274	320	46	0.51	0.54	0.03	0	0	0	0	0	0	0	0
3/12/2024 11:32	64801 MONE_T2	274	320	46	0.51	0.54	0.03	0	0	0	0	0	0	0	0
3/12/2024 11:32	42001 MNVL_T2	3	4	1	0.5	0.4	-0.1	0	0	0	0	0	0	0	0
3/12/2024 11:33	42202 SHEN_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/12/2024 11:33	59301 MCAL_T1	1	2	1	0.8	0.4	-0.4	0	0	0	0	0	0	0	0
3/12/2024 11:33	13302 ORVI_T2	4	6	2	0.58	0.7	0.12	0	0	0	0	0	0	0	0
3/12/2024 11:33	54001 SDLE_T1	7	6	-1	1	1.13	0.13	0	0	0	0	0	0	0	0
3/12/2024 11:34	13704 SCHN_T2	7	7	0	0.29	0.34	0.05	0	0	0	0	0	0	0	0
3/12/2024 11:34	42803 SELI_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/12/2024 11:34	64801 MONE_T2	274	320	46	0.51	0.54	0.03	0	0	0	0	0	0	0	0
3/12/2024 11:35	56503 ROCK_T2	1	1	0	0.1	0.3	0.2	0	0	0	0	0	0	0	0
3/12/2024 11:35	26001 WDAM_T1	1	4	3	0.1	0.28	0.18	0	0	0	0	0	0	0	0
3/12/2024 11:35	42001 MNVL_T2	3	4	1	0.5	0.4	-0.1	0	0	0	0	0	0	0	0
3/12/2024 11:35	42802 SELI_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/12/2024 11:36	56504 ROCK_T2	4	8	4	0.5	0.6	0.1	0	0	0	0	0	0	0	0
3/12/2024 11:36	65003 NEFF_T2	3	3	0	0.57	0.67	0.1	0	0	0	0	0	0	0	0
3/12/2024 11:36	67201 TEHI_T1	0	4	4	0	0.75	0.75	0	0	0	0	0	0	0	0
3/12/2024 11:36	54001 SDLE_T1	7	6	-1	1	1.13	0.13	0	0	0	0	0	0	0	0
3/12/2024 11:37	13701 SCHN_T2	6	17	11	0.28	0.3	0.02	0	0	0	0	0	0	0	0
3/12/2024 11:37	56504 ROCK_T2	4	8	4	0.5	0.6	0.1	0	0	0	0	0	0	0	0
3/12/2024 11:37	41903 REED_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/12/2024 11:38	67604 WARW_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/12/2024 11:38	15001 BLMO_T1	6	6	0	0.32	0.52	0.2	0	0	0	0	0	0	0	0
3/12/2024 11:39	56504 ROCK_T2	4	8	4	0.5	0.6	0.1	0	0	0	0	0	0	0	0
3/12/2024 11:39	15001 BLMO_T1	6	6	0	0.32	0.52	0.2	0	0	0	0	0	0	0	0
3/12/2024 11:39	67604 WARW_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/12/2024 11:39	67201 TEHI_T1	0	4	4	0	0.75	0.75	0	0	0	0	0	0	0	0
3/12/2024 11:40	23901 EFMO_T2	3	2	-1	0.17	0.3	0.13	0	0	0	0	0	0	0	0
3/12/2024 11:40	15001 BLMO_T1	6	6	0	0.32	0.52	0.2	0	0	0	0	0	0	0	0
3/12/2024 11:41	60801 BUCK_T1	2	1	-1	0.3	0.2	-0.1	0	0	0	0	0	0	0	0
3/12/2024 11:42	23902 EFMO_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/12/2024 11:42	23902 EFMO_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/12/2024 11:43	60801 BUCK_T1	2	1	-1	0.3	0.2	-0.1	0	0	0	0	0	0	0	0
3/12/2024 11:44	23901 EFMO_T2	3	2	-1	0.17	0.3	0.13	0	0	0	0	0	0	0	0
3/12/2024 11:45	63202 MGTN_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/12/2024 11:46	25502 MADI_T1	1	1	0	0.5	0.8	0.3	0	0	0	0	0	0	0	0
3/12/2024 11:48	63205 MGTN_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/12/2024 11:49	63201 MGTN_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/12/2024 11:50	42801 SELI_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/12/2024 11:50	56501 ROCK_T2	57	130	73	0.25	0.25	0	0	0	0	0	0	0	0	0
3/12/2024 11:50	15103 UPHA_T2	6	10	4	0.78	0.56	-0.22	0	0	0	0	0	0	0	0
3/12/2024 11:50	66703 STRA_T1	125	142	17	0.33	0.31	-0.02	0	0	0	0	0	0	0	0
3/12/2024 11:50	13704 SCHN_T2	6	8	2	0.33	0.34	0.01	0	0	0	0	0	0	0	0
3/12/2024 11:51	26002 WDAM_T1	7	5	-2	0.73	0.64	-0.09	0	0	0	0	0	0	0	0
3/12/2024 11:51	42803 SELI_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/12/2024 11:51	56503 ROCK_T2	1	1	0	0.3	0.4	0.1	0	0	0	0	0	0	0	0
3/12/2024 11:52	56504 ROCK_T2	7	7	0	0.6	0.56	-0.04	0	0	0	0	0	0	0	0
3/12/2024 11:52	67203 TEHI_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/12/2024 11:53	56503 ROCK_T2	1	1	0	0.3	0.4	0.1	0	0	0	0	0	0	0	0
3/12/2024 11:53	61102 BERK_T5	1	1	0	0.1	0.1	0	0	0	0	0	0	0	0	0
3/12/2024 11:53	26002 WDAM_T1	7	5	-2	0.73	0.64	-0.09	0	0	0	0	0	0	0	0
3/12/2024 11:53	13704 SCHN_T2	6	8	2	0.33	0.34	0.01	0	0	0	0	0	0	0	0
3/12/2024 11:54	60102 COCA_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/12/2024 11:54	67201 TEHI_T1	4	4	0	0.63	0.7	0.07	0	0	0	0	0	0	0	0
3/12/2024 11:55	18001 ZION_T1	5	7	2	0.7	0.73	0.03	0	0	0	0	0	0	0	0
3/12/2024 11:56	60101 COCA_T1	4	3	-1	0.4	0.23	-0.17	0	0	0	0	0	0	0	0
3/12/2024 11:57	65003 NEFF_T2	3	5	2	0.63	0.52	-0.11	0	0	0	0	0	0	0	0
3/12/2024 11:57	60803 BUCK_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/12/2024 11:57	23901 EFMO_T2	0	3	3	0	0.27	0.27	0	0	0	0	0	0	0	0
3/12/2024 11:58	23901 EFMO_T2	0	3	3	0	0.27	0.27	0	0	0	0	0	0	0	0
3/12/2024 11:59	23902 EFMO_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/12/2024 12:00	64901 MILL_T1	30	27	-3	0.19	0.18	-0.01	0	0	0	0	0	0	0	0
3/12/2024 12:00	63201 MGTN_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/12/2024 12:03	65004 NEFF_T2	4	5	1	0.43	0.6	0.17	0	0	0	0	0	0	0	0
3/12/2024 12:04	13302 ORVI_T2	5	8	3	0.76	0.76	0	0	0	0	0	0	0	0	0
3/12/2024 12:10	60102 COCA_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/12/2024 12:10	23901 EFMO_T2	2	5	3	0.3	0.38	0.08	0	0	0	0	0	0	0	0
3/12/2024 12:10	15001 BLMO_T1	6	8	2	0.52	0.5	-0.02	0	0	0	0	0	0	0	0
3/12/2024 12:11	52202 DEVO_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/12/2024 12:11	60102 COCA_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/12/2024 12:11	15001 BLMO_T1	6	8	2	0.52	0.5	-0.02	0	0	0	0	0	0	0	0
3/12/2024 12:12	60101 COCA_T1	3	2	-1	0.23	0.4	0.17	0	0	0	0	0	0	0	0
3/12/2024 12:12	23902 EFMO_T2	0	1	1	0	0	0	0	0	0	0	0	0	0	0
3/12/2024 12:13	23901 EFMO_T2	2	5	3	0.3	0.38	0.08	0	0	0	0	0	0	0	0
3/12/2024 12:13	23902 EFMO_T2	0	1	1	0	0	0	0	0	0	0	0	0	0	0
3/12/2024 12:19	41903 REED_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/12/2024 12:19	56504 ROCK_T2	6	5	-1	0.52	0.48	-0.04	0	0	0	0	0	0	0	0
3/12/2024 12:20	56504 ROCK_T2	6	5	-1	0.52	0.48	-0.04	0	0	0	0	0	0	0	0
3/12/2024 12:21	67001 STHI_T2	40	268	228	0.21	0.15	-0.06	0	0	0	0	0	0	0	0
3/12/2024 12:22	56501 ROCK_T2	102	76	-26	0.27	0.28	0.01	0	0	0	0	0	0	0	0
3/12/2024 12:23	67002 STHI_T2	35	64	29	0.41	0.38	-0.03	0	0	0	0	0	0	0	0
3/12/2024 12:23	65004 NEFF_T2	4	5	1	0.6	0.58	-0.02	0	0	0	0	0	0	0	0
3/12/2024 12:23	56501 ROCK_T2	102	76	-26	0.27	0.28	0.01	0	0	0	0	0	0	0	0
3/12/2024 12:24	67002 STHI_T2	35	64	29	0.41	0.38	-0.03	0	0	0	0	0	0	0	0
3/12/2024 12:26	56501 ROCK_T2	102	76	-26	0.27	0.28	0.01	0	0	0	0	0	0	0	0
3/12/2024 12:33	25501 MADI_T1	1	2	1	0.9	0.3	-0.6	0	0	0	0	0	0	0	0
3/12/2024 12:35	13701 SCHN_T2	61	22	-39	0.21	0.32	0.11	0	0	0	0	0	0	0	0
3/12/2024 12:37	13701 SCHN_T2	61	22	-39	0.21	0.32	0.11	0	0	0	0	0	0	0	0
3/12/2024 12:39	65005 NEFF_T2	2	1	-1	0.65	0.5	-0.15	0	0	0	0	0	0	0	0
3/12/2024 12:43	29401 BELT_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/12/2024 12:46	29402 BELT_T1	5	2	-3	1.82	4.05	2.23	0	0	0	0	0	0	0	0
3/12/2024 12:51	26002 WDAM_T1	4	3	-1	0.58	0.23	-0.35	0	0	0	0	0	0	0	0
3/12/2024 12:52	42202 SHEN_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/12/2024 12:54	26001 WDAM_T1	2	13	11	0.45	0.2	-0.25	0	0	0	0	0	0	0	0
3/12/2024 12:55	60801 BUCK_T1	2	2	0	0.3	0.35	0.05	0	0	0	0	0	0	0	0
3/12/2024 12:55	61102 BERK_T5	1	2	1	0.3	0.1	-0.2	0	0	0	0	0	0	0	0
3/12/2024 12:56	60803 BUCK_T1	2	1	-1	0.15	0.2	0.05	0	0	0	0	0	0	0	0
3/12/2024 13:00	56503 ROCK_T2	1	2	1	0.5	0.55	0.05	0	0	0	0	0	0	0	0
3/12/2024 13:01	56501 ROCK_T2	62	17	-45	0.3	0.36	0.06	0	0	0	0	0	0	0	0
3/12/2024 13:01	63205 MGTN_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/12/2024 13:03	63201 MGTN_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/12/2024 13:03	56501 ROCK_T2	62	17	-45	0.3	0.36	0.06	0	0	0	0	0	0	0	0
3/12/2024 13:03	59301 MCAL_T1	1	3	2	0.5	0.5	0	0	0	0	0	0	0	0	0
3/12/2024 13:03	50701 SMEC_T1	12	5	-7	0.7	1.1	0.4	0	0	0	0	0	0	0	0
3/12/2024 13:04	60504 NMAN_T2	3	2	-1	1.1	0.7	-0.4	0	0	0	0	0	0	0	0
3/12/2024 13:04	63201 MGTN_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/12/2024 13:04	50701 SMEC_T1	12	5	-7	0.7	1.1	0.4	0	0	0	0	0	0	0	0
3/12/2024 13:04	56503 ROCK

Appendix C - Grid Benefits Achieved in Each Instance of Active Management

3/12/2024 14:07	67001 STHI_T2	361	490	129	0.22	0.28	0.06	0	0	0	0	0	0	0	0
3/12/2024 14:07	44302 BEAV_T2	12	137	125	0.57	0.39	-0.18	0	0	0	0	0	0	0	0
3/12/2024 14:08	67002 STHI_T2	164	310	146	0.23	0.23	0	0	0	0	0	0	0	0	0
3/12/2024 14:08	44301 BEAV_T2	1	23	22	0.7	0.36	-0.34	0	0	0	0	0	0	0	0
3/12/2024 14:08	67203 TEHI_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/12/2024 14:08	45402 WBLO_T2	48	65	17	0.28	0.42	0.14	0	0	0	0	0	0	0	0
3/12/2024 14:08	60803 BUCK_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/12/2024 14:09	42701 AUGU_T1	11	11	0	0.32	0.38	0.06	0	0	0	0	0	0	0	0
3/12/2024 14:09	43302 WATS_T2	0	3	3	0	0.13	0.13	0	0	0	0	0	0	0	0
3/12/2024 14:09	67001 STHI_T2	361	490	129	0.22	0.28	0.06	0	0	0	0	0	0	0	0
3/12/2024 14:10	51604 DUKE_T2	2	3	1	0.45	0.53	0.08	0	0	0	0	0	0	0	0
3/12/2024 14:10	54503 ENOL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/12/2024 14:10	42701 AUGU_T1	11	11	0	0.32	0.38	0.06	0	0	0	0	0	0	0	0
3/12/2024 14:11	41801 GOCI_T2	314	342	28	0.63	0.83	0.2	0	0	0	0	0	0	0	0
3/12/2024 14:12	44301 BEAV_T2	1	23	22	0.7	0.36	-0.34	0	0	0	0	0	0	0	0
3/12/2024 14:12	54503 ENOL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/12/2024 14:12	41802 GOCI_T2	1	15	14	0.2	0.19	-0.01	0	0	0	0	0	0	0	0
3/12/2024 14:12	54506 ENOL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/12/2024 14:12	54501 ENOL_T2	2	7	5	0.3	0.31	0.01	0	0	0	0	0	0	0	0
3/12/2024 14:13	54505 ENOL_T2	2	3	1	0.7	0.83	0.13	0	0	0	0	0	0	0	0
3/12/2024 14:13	54504 ENOL_T2	1	2	1	0.2	0.3	0.1	0	0	0	0	0	0	0	0
3/12/2024 14:13	41802 GOCI_T2	1	15	14	0.2	0.19	-0.01	0	0	0	0	0	0	0	0
3/12/2024 14:13	23902 EFMO_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/12/2024 14:13	54503 ENOL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/12/2024 14:13	42701 AUGU_T1	11	11	0	0.32	0.38	0.06	0	0	0	0	0	0	0	0
3/12/2024 14:14	23901 EFMO_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/12/2024 14:14	54502 ENOL_T2	1	4	3	0.3	0.28	-0.02	0	0	0	0	0	0	0	0
3/12/2024 14:14	54503 ENOL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/12/2024 14:15	54506 ENOL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/12/2024 14:15	54503 ENOL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/12/2024 14:15	46803 HEPB_T2	7	1	-6	0.37	0.2	-0.17	0	0	0	0	0	0	0	0
3/12/2024 14:15	64305 LINC_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/12/2024 14:15	64801 MONE_T2	393	426	33	0.54	0.58	0.04	0	0	0	0	0	0	0	0
3/12/2024 14:15	54504 ENOL_T2	2	1	-1	0.3	0.2	-0.1	0	0	0	0	0	0	0	0
3/12/2024 14:16	54506 ENOL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/12/2024 14:16	54504 ENOL_T2	2	1	-1	0.3	0.2	-0.1	0	0	0	0	0	0	0	0
3/12/2024 14:16	54503 ENOL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/12/2024 14:17	64305 LINC_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/12/2024 14:17	13302 ORVI_T2	26	29	3	0.45	0.43	-0.02	0	0	0	0	0	0	0	0
3/12/2024 14:17	64802 MONE_T2	233	248	15	0.35	0.36	0.01	0	0	0	0	0	0	0	0
3/12/2024 14:18	25503 MADI_T1	10	42	32	0.19	0.15	-0.04	0	0	0	0	0	0	0	0
3/12/2024 14:18	46803 HEPB_T2	2	2	0	1.15	0.65	-0.5	0	0	0	0	0	0	0	0
3/12/2024 14:18	13302 ORVI_T2	26	29	3	0.45	0.43	-0.02	0	0	0	0	0	0	0	0
3/12/2024 14:19	65003 NEFF_T2	129	132	3	0.23	0.21	-0.02	0	0	0	0	0	0	0	0
3/12/2024 14:19	42201 SHEN_T2	2	2	0	0.8	0.95	0.15	0	0	0	0	0	0	0	0
3/12/2024 14:19	54001 SDLE_T1	13	12	-1	0.97	1.03	0.06	0	0	0	0	0	0	0	0
3/12/2024 14:20	42002 MNVL_T2	2	2	0	3.7	3.5	-0.2	0	0	0	0	0	0	0	0
3/12/2024 14:20	64802 MONE_T2	233	248	15	0.35	0.36	0.01	0	0	0	0	0	0	0	0
3/12/2024 14:20	13302 ORVI_T2	26	29	3	0.45	0.43	-0.02	0	0	0	0	0	0	0	0
3/12/2024 14:20	54001 SDLE_T1	13	12	-1	0.97	1.03	0.06	0	0	0	0	0	0	0	0
3/12/2024 14:21	27502 WEIS_T2	1	4	3	0.1	0.48	0.38	0	0	0	0	0	0	0	0
3/12/2024 14:21	13302 ORVI_T2	26	29	3	0.45	0.43	-0.02	0	0	0	0	0	0	0	0
3/12/2024 14:21	42204 SHEN_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/12/2024 14:21	67002 STHI_T2	261	365	104	0.23	0.25	0.02	0	0	0	0	0	0	0	0
3/12/2024 14:22	43303 WATS_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/12/2024 14:22	66701 STRA_T1	2	2	0	0.7	0.7	0	0	0	0	0	0	0	0	0
3/12/2024 14:22	42802 SELI_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/12/2024 14:22	45402 WBLO_T2	59	65	6	0.42	0.41	-0.01	0	0	0	0	0	0	0	0
3/12/2024 14:22	29401 BELT_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/12/2024 14:22	67002 STHI_T2	261	365	104	0.23	0.25	0.02	0	0	0	0	0	0	0	0
3/12/2024 14:22	29402 BELT_T1	4	5	1	2.3	1.88	-0.42	0	0	0	0	0	0	0	0
3/12/2024 14:23	15701 TANN_T1	114	9	-105	0.24	0.79	0.55	0	0	0	0	0	0	0	0
3/12/2024 14:23	43302 WATS_T2	0	3	3	0	0.13	0.13	0	0	0	0	0	0	0	0
3/12/2024 14:23	42802 SELI_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/12/2024 14:23	43302 WATS_T2	0	3	3	0	0.13	0.13	0	0	0	0	0	0	0	0
3/12/2024 14:23	18001 ZION_T1	9	13	4	0.88	0.64	-0.24	0	0	0	0	0	0	0	0
3/12/2024 14:23	60201 ATGL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/12/2024 14:23	15104 UPHA_T2	6	7	1	0.27	0.23	-0.04	0	0	0	0	0	0	0	0
3/12/2024 14:24	67002 STHI_T2	261	365	104	0.23	0.25	0.02	0	0	0	0	0	0	0	0
3/12/2024 14:24	29402 BELT_T1	4	5	1	2.3	1.88	-0.42	0	0	0	0	0	0	0	0
3/12/2024 14:24	45402 WBLO_T2	59	65	6	0.42	0.41	-0.01	0	0	0	0	0	0	0	0
3/12/2024 14:24	42701 AUGU_T1	10	7	-3	0.4	0.27	-0.13	0	0	0	0	0	0	0	0
3/12/2024 14:24	26002 WDAM_T1	3	6	3	0.5	0.47	-0.03	0	0	0	0	0	0	0	0
3/12/2024 14:24	46005 BERW_T1	2	5	3	0.9	0.52	-0.38	0	0	0	0	0	0	0	0
3/12/2024 14:25	29402 BELT_T1	4	5	1	2.3	1.88	-0.42	0	0	0	0	0	0	0	0
3/12/2024 14:25	43302 WATS_T2	0	3	3	0	0.13	0.13	0	0	0	0	0	0	0	0
3/12/2024 14:25	67002 STHI_T2	261	365	104	0.23	0.25	0.02	0	0	0	0	0	0	0	0
3/12/2024 14:25	29402 BELT_T1	4	5	1	2.3	1.88	-0.42	0	0	0	0	0	0	0	0
3/12/2024 14:25	44302 BEAV_T2	17	137	120	0.55	0.39	-0.16	0	0	0	0	0	0	0	0
3/12/2024 14:25	46003 BERW_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/12/2024 14:25	60801 BUCK_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/12/2024 14:25	42701 AUGU_T1	10	7	-3	0.4	0.27	-0.13	0	0	0	0	0	0	0	0
3/12/2024 14:26	54502 ENOL_T2	4	3	-1	0.28	0.23	-0.05	0	0	0	0	0	0	0	0
3/12/2024 14:26	44301 BEAV_T2	15	22	7	0.31	0.33	0.02	0	0	0	0	0	0	0	0
3/12/2024 14:26	42701 AUGU_T1	10	7	-3	0.4	0.27	-0.13	0	0	0	0	0	0	0	0
3/12/2024 14:27	46003 BERW_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/12/2024 14:27	44302 BEAV_T2	17	137	120	0.55	0.39	-0.16	0	0	0	0	0	0	0	0
3/12/2024 14:27	41802 GOCI_T2	0	15	15	0	0.21	0.21	0	0	0	0	0	0	0	0
3/12/2024 14:28	23902 EFMO_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/12/2024 14:28	41801 GOCI_T2	322	346	24	0.69	0.86	0.17	0	0	0	0	0	0	0	0
3/12/2024 14:29	41801 GOCI_T2	322	346	24	0.69	0.86	0.17	0	0	0	0	0	0	0	0
3/12/2024 14:29	23901 EFMO_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/12/2024 14:30	58401 MORO_T1	2	5	3	0.25	0.38	0.13	0	0	0	0	0	0	0	0
3/12/2024 14:30	64801 MONE_T2	354	429	75	0.56	0.59	0.03	0	0	0	0	0	0	0	0
3/12/2024 14:30	23901 EFMO_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/12/2024 14:31	46803 HEPB_T2	1	1	0	0.2	0.2	0	0	0	0	0	0	0	0	0
3/12/2024 14:32	58402 MORO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/12/2024 14:33	42001 MNVL_T2	75	20	-55	0.21	0.29	0.08	0	0	0	0	0	0	0	0
3/12/2024 14:33	46101 MACI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/12/2024 14:34	58302 NOTT_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/12/2024 14:35	58402 MORO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/12/2024 14:35	65001 NEFF_T2	194	199	5	0.17	0.18	0.01	0	0	0	0	0	0	0	0
3/12/2024 14:35	65004 NEFF_T2	20	24	4	0.35	0.36	0.01	0	0	0	0	0	0	0	0
3/12/2024 14:35	42001 MNVL_T2	75	20	-55	0.21	0.29	0.08	0	0	0	0	0	0	0	0
3/12/2024 14:35	41901 REED_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/12/2024 14:35	54001 SDLE_T1	12	12	0	1.03	0.98	-0.05	0	0	0	0	0	0	0	0
3/12/2024 14:35	67002 STHI_T2	298	385	87	0.23	0.26	0.03	0	0	0	0	0	0	0	0
3/12/2024 14:36	42701 AUGU_T1	7	1	-6	0.27	0.3	0.03	0	0	0	0	0	0	0	0
3/12/2024 14:36	12705 MACU_T2	2	2	0	1.75	1.8	0.05	0	0	0	0	0	0	0	0
3/12/2024 14:36	41903 REED_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/12/2024 14:36	67402 WAKE_T2	1	4	3	0.5	0.38	-0.12	0	0	0	0	0	0	0	0
3/12/2024 14:36	54001 SDLE_T1	12	12	0	1.03	0.98	-0.05	0	0	0	0	0	0	0	0
3/12/2024 14:37	43302 WATS_T2	3	0	-3	0.13	0	-0.13	0	0	0	0	0	0	0	0
3/12/2024 14:37	42202 SHEN_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/12/2024 14:37	13302 ORVI_T2	28	23	-5	0.42	0.47	0.05	0	0	0	0	0	0	0	0
3/12/2024 14:37	45402 WBLO_T2	63	65	2	0.4	0.43	0.03	0	0	0	0	0	0	0	0
3/12/2024 14:37	16302 ALPA_T2	3	3	0	0.2	0.33	0.13	0	0	0	0	0	0	0	0
3/12/2024 14:37	67604 WARW_T1	0	1	1	0	0.1	0.1	0	0	0	0	0	0	0	0
3/12/2024 14:38	67001 STHI_T2	471	598	127	0.28	0.3	0.02	0	0	0	0	0	0	0	0
3/12/2024 14:38	15103 UPHA_T2	29	51	22	0.43	0.29	-0.14	0	0	0	0	0	0	0	0
3/12/2024 14:38	42801 SELI_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/12/2024 14:38	66701 STRA_T1	2	2	0	0.65	0.5	-0.15	0	0	0	0	0	0	0	0
3/12/2024 14:38	43301 WATS_T2	6	4	-2	0.37	0.5	0.13	0	0	0	0	0	0	0	0
3/12/2024 14:39	43304 WATS_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/12/2024 14:39	60201 ATGL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/12/2024 14:39	42802 SELI_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/12/2024 14:39	20401 ASHF_T2	1	1	0	0.3	0.1	-0.2	0	0	0	0	0	0	0	0
3/12/2024 14:39	42701 AUGU_T1	7	1	-6	0.27	0.3	0.03	0	0	0	0	0	0	0	0
3/12/2024 14:40	16102 BING_T2	7	6	-1	0.99	0.78	-0.21	0	0	0	0	0	0	0	0
3/12/2024 14:40	46005 BERW_T1	5	2	-3	0.52	0.6	0.08	0	0	0	0	0	0	0	0
3/12/2024 14:40	67002 STHI_T2	298	385	87	0.23	0.26	0.03	0	0	0	0	0	0	0	0
3/12/2024 14:40	23902 EFMO_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/12/2024 14:40	45402 WBLO_T2	63	65	2	0.4	0.43	0.03	0	0	0	0	0	0	0	0
3/12/2024 14:41	43303 WATS_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/12/2024 14:41	46003 BERW_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/12/2024 14:41	10805 CHHI_T2	2	1	-1	4.6	8.3	3.7	0	0	0	0	0	0	0	0
3/12/2024 14:42	41802 GOCI_T2	15	13	-2	0.19	0.18	-0.01	0	0	0	0	0	0	0	0
3/12/2024 14:42	52002 LING_T2	3	3	0	0.7	0.8	0.1	0	0	0	0	0	0	0	0
3/12/2024 14:42	46005 BERW_T1	5	2	-3	0.52	0.6	0.08	0	0	0	0	0	0	0	0
3/12/2024 14:42	42701 AUGU_T1	7	1	-6	0.27	0.3	0.03	0	0	0	0	0	0	0	0
3/12/2024 14:43	41802 GOCI_T2	15	13	-2	0.19	0.18	-0.01	0	0	0	0	0	0	0	0
3/12/2024 14:43	45402 WBLO_T2	63	65	2	0.4	0.43	0.03	0	0	0	0	0	0	0	0
3/12/2024 14:44	23902 EFMO_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/12/2024 14:45	23902 EFMO_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/12/2024 14:45	64801 MONE_T2	421	384	-37	0.56	0.63	0.07	0	0	0	0	0	0	0	0
3/12/2024 14:45	41802 GOCI_T2	12	13	1	0.18	0.22	0.04	0	0	0	0	0	0	0	0
3/12/2024 14:46	58401 MORO_T1	5	5	0	0.26	0.36	0.1	0	0	0	0	0	0	0	0
3/12/2024 14:46	42903 MIDD_T2	2	2	0	1.25	1	-0.25	0	0	0	0	0	0	0	0
3/12/2024 14:47	46801 HEPB_T2	2	2	0	0.65	0.65	0	0	0	0	0	0	0	0	0
3/12/2024 14:48	46803 HEPB_T2	1	0	-1	0.2	0	-0.2	0	0	0	0	0	0	0	0
3/12/2024 14:49	42002 MNVL_T2	2	1	-1	3.5	6.7	3.2	0	0	0	0	0	0	0	0
3/12/2024 14:50	65004 NEFF_T2	22	33	11	0.36	0.3	-0.06	0	0	0	0	0	0	0	0
3/12/2024 14:51	42002 MNVL_T2	2	1	-1	3.5	6.7	3.2	0	0	0	0	0	0	0	0
3/12/2024 14:52	43303 WATS_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/12/2024 14:52	13302 ORVI_T2	22	20	-2	0.46	0.48	0.02	0	0	0	0	0	0	0	0
3/12/2024 14:52	15001 BLMO_T1	7	7	0	0.33	0.33	0	0	0	0	0	0	0	0	0
3/12/2024 14:52	54504 ENOL_T2	1	1	0	0.1	0.1	0	0	0	0	0	0	0	0	0
3/12/2024 14:53	15001 BLMO_T1	7	7	0	0.33	0.33	0	0	0	0	0	0	0	0	0
3/12/2024 14:54	43302 WATS_T2	0	2	2	0	0.15	0.15	0	0	0	0	0	0	0	0
3/12/2024 14:54	60701 BREC_T1	1	3	2	0.3	0.17	-0.13	0	0	0	0	0	0	0	0
3/12/2024 14:54	60102 COCA_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/12/2024 14:54	18001 ZION_T1	13	11	-2	0.54	0.63	0.09	0	0	0	0	0	0	0	0
3/12/2024 14:54	15001 BLMO_T1	7	7	0	0.33	0.33	0	0	0	0	0	0	0	0	0
3/12/2024 14:55	43301 WATS_T2	4	3	-1	0.5	0.57	0.07	0	0	0	0	0	0	0	0
3/12/2024 14:56	23901 EFMO_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/12/2024 14:56	54503 ENOL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/12/2024 14:56	43303 WATS_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/12/2024 14:57	60701 BREC_T1	1	3	2	0.3	0.17	-0.13	0	0	0	0	0	0	0	0
3/12/2024 14:58	46001 BERW_T1	6	6	0	0.32	0.33	0.01	0	0	0	0	0	0	0	0
3/12/2024 15:00	25501 MADI_T1	0	1	1	0	0.2	0.2	0	0	0	0	0	0	0	0
3/12/2024 15:03	57701 PAXT_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/12/2024 15:03	64802 MONE_T2	201	262	61	0.32	0.34	0.02	0	0	0	0	0	0	0	0
3/12/2024 15:05	46702 RENO_T1	19	73	54	0.19	0.16	-0.03	0	0	0	0	0	0	0	0
3/12/2024 15:06	65001 NEFF_T2	194	256	62	0.18	0.38	0.2	0	0	0	0	0	0	0	0
3/12/2024 15:06	26001 WDAM_T1	6	7	1	0.37	0.29	-0.08	0	0	0	0	0	0	0	0
3/12/2024 15:08	67001 STHI_T2	574	585	11	0.29	0.3	0.01	0	0	0	0	0	0	0	0
3/12/2024 15:09	67001 STHI_T2	574	585	11	0.29	0.3	0.01	0	0	0	0	0	0	0	0
3/12/2024 15:09	46002 BERW_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/12/2024 15:09	27503 WEIS_T2	0	1	1	0	0.2	0.2	0	0	0	0	0	0	0	0
3/12/2024 15:11	60803 BUCK_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/12/2024 15:13	60803 BUCK_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/12/2024 15:17	58401 MORO_T1	4	2	-2	0.23

3/12/2024 15:57	45901 AUBU_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
3/12/2024 15:59	54501 ENOL_T2	2	3	1	0.1	0.3	0.2	0	0	0	0	0	0	0
3/12/2024 15:59	54505 ENOL_T2	3	3	0	0.7	0.93	0.23	0	0	0	0	0	0	0
3/12/2024 16:00	54506 ENOL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
3/12/2024 16:04	42201 SHEN_T2	4	4	0	0.78	0.65	-0.13	0	0	0	0	0	0	0
3/12/2024 16:07	45902 AUBU_T1	1	1	0	0.9	0.9	0	0	0	0	0	0	0	0
3/12/2024 16:09	65005 NEFF_T2	3	1	-2	0.47	0.8	0.33	0	0	0	0	0	0	0
3/12/2024 16:09	14401 SSLA_T1	108	206	98	0.24	0.22	-0.02	0	0	0	0	0	0	0
3/12/2024 16:12	54504 ENOL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
3/12/2024 16:14	53901 HAU_T2	1	1	0	0.7	1	0.3	0	0	0	0	0	0	0
3/12/2024 16:15	53902 HAU_T2	2	1	-1	2.85	5.2	2.35	0	0	0	0	0	0	0
3/12/2024 16:15	23902 EFMO_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
3/12/2024 16:16	53903 HAU_T2	6	3	-3	0.88	0.77	-0.11	0	0	0	0	0	0	0
3/12/2024 16:17	60504 NMAN_T2	0	1	1	0	0.1	0.1	0	0	0	0	0	0	0
3/12/2024 16:23	59402 RFLD_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
3/12/2024 16:24	25502 MADI_T1	1	0	-1	0.3	0	-0.3	0	0	0	0	0	0	0
3/12/2024 16:24	59402 RFLD_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
3/12/2024 16:27	59402 RFLD_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
3/12/2024 16:37	59102 WALK_T2	5	3	-2	0.28	0.33	0.05	0	0	0	0	0	0	0
3/12/2024 16:43	20602 GRWO_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
3/12/2024 17:20	59102 WALK_T2	2	0	-2	0.2	0	-0.2	0	0	0	0	0	0	0
3/12/2024 17:36	59101 WALK_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
3/12/2024 18:04	65002 NEFF_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
3/12/2024 18:17	50107 HARR_T3	0	0	0	0	0	0	0	0	0	0	0	0	0
3/12/2024 18:22	29401 BELT_T1	9	0	-9	0.13	0	-0.13	0	0	0	0	0	0	0
3/12/2024 18:24	29401 BELT_T1	9	0	-9	0.13	0	-0.13	0	0	0	0	0	0	0
3/12/2024 18:25	29401 BELT_T1	9	0	-9	0.13	0	-0.13	0	0	0	0	0	0	0
3/12/2024 18:57	65004 NEFF_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
3/12/2024 19:38	54506 ENOL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
3/12/2024 20:09	56802 BENV_T2	0	10	10	0	0.13	0.13	0	0	0	0	0	0	0
3/12/2024 20:10	65001 NEFF_T2	0	59	59	0	0.14	0.14	0	0	0	0	0	0	0
3/12/2024 20:13	56802 BENV_T2	0	10	10	0	0.13	0.13	0	0	0	0	0	0	0
3/12/2024 20:14	56802 BENV_T2	0	10	10	0	0.13	0.13	0	0	0	0	0	0	0
3/12/2024 20:15	56802 BENV_T2	1	22	21	0.4	0.11	-0.29	0	0	0	0	0	0	0
3/12/2024 20:16	56802 BENV_T2	1	22	21	0.4	0.11	-0.29	0	0	0	0	0	0	0
3/12/2024 20:18	28601 BLYT_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
3/12/2024 20:21	65004 NEFF_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
3/12/2024 20:33	40101 HUNT_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
3/12/2024 20:35	54506 ENOL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
3/12/2024 20:37	65002 NEFF_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
3/12/2024 20:42	59402 RFLD_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
3/12/2024 20:50	54203 PENN_T1	18	18	0	1.31	1.09	-0.22	0	0	0	0	0	0	0
3/12/2024 20:51	54204 PENN_T2	2	2	0	0.6	0.55	-0.05	0	0	0	0	0	0	0
3/12/2024 20:53	54202 PENN_T2	30	46	16	0.13	0.13	0	0	0	0	0	0	0	0
3/12/2024 20:54	54204 PENN_T2	2	2	0	0.6	0.55	-0.05	0	0	0	0	0	0	0
3/12/2024 20:55	54204 PENN_T2	2	2	0	0.6	0.55	-0.05	0	0	0	0	0	0	0
3/12/2024 20:58	29401 BELT_T1	6	2	-4	0.13	0.1	-0.03	0	0	0	0	0	0	0
3/12/2024 20:59	17002 RIRO_T2	0	11	11	0	0.15	0.15	0	0	0	0	0	0	0
3/12/2024 20:59	13302 ORVI_T2	21	34	13	0.25	0.19	-0.06	0	0	0	0	0	0	0
3/12/2024 21:00	62601 ENGL_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
3/12/2024 21:02	28704 HAML_T2	200	201	1	2.13	2.11	-0.02	0	0	0	0	0	0	0
3/12/2024 21:02	15701 TANN_T1	1	1	0	4.5	4.8	0.3	0	0	0	0	0	0	0
3/12/2024 21:03	17805 GILB_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
3/12/2024 21:03	16102 BING_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
3/12/2024 21:03	17801 GILB_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
3/12/2024 21:04	65005 NEFF_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
3/12/2024 21:04	17804 GILB_T2	11	0	-11	0.2	0	-0.2	0	0	0	0	0	0	0
3/12/2024 21:04	29401 BELT_T1	2	0	-2	0.1	0	-0.1	0	0	0	0	0	0	0
3/12/2024 21:04	45902 AUBU_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
3/12/2024 21:04	10805 CHHI_T2	1	1	0	7.6	7.6	0	0	0	0	0	0	0	0
3/12/2024 21:04	16302 ALPA_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
3/12/2024 21:05	12701 MACU_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
3/12/2024 21:05	67001 STHI_T2	245	352	107	0.16	0.3	0.14	0	0	0	0	0	0	0
3/12/2024 21:05	20402 ASHF_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
3/12/2024 21:05	16302 ALPA_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
3/12/2024 21:05	13302 ORVI_T2	20	60	40	0.22	0.2	-0.02	0	0	0	0	0	0	0
3/12/2024 21:06	67001 STHI_T2	245	352	107	0.16	0.3	0.14	0	0	0	0	0	0	0
3/12/2024 21:06	45902 AUBU_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
3/12/2024 21:06	15001 BLMO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
3/12/2024 21:06	16302 ALPA_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
3/12/2024 21:06	29401 BELT_T1	2	0	-2	0.1	0	-0.1	0	0	0	0	0	0	0
3/12/2024 21:06	29402 BELT_T1	1	1	0	7.6	7.3	-0.3	0	0	0	0	0	0	0
3/12/2024 21:06	10805 CHHI_T2	1	1	0	7.6	7.6	0	0	0	0	0	0	0	0
3/12/2024 21:06	20602 GRWO_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
3/12/2024 21:06	13503 MCMI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
3/12/2024 21:06	57303 MOAL_T2	1	1	0	7.4	7.1	-0.3	0	0	0	0	0	0	0
3/12/2024 21:06	47002 HUGH_T2	1	1	0	0.5	0.3	-0.2	0	0	0	0	0	0	0
3/12/2024 21:06	14802 TREI_T2	20	24	4	0.34	0.37	0.03	0	0	0	0	0	0	0
3/12/2024 21:06	27502 WEIS_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
3/12/2024 21:07	14403 SSLA_T1	21	24	3	0.39	0.45	0.06	0	0	0	0	0	0	0
3/12/2024 21:07	54501 ENOL_T2	0	3	3	0	0.17	0.17	0	0	0	0	0	0	0
3/12/2024 21:07	54501 ENOL_T2	0	3	3	0	0.17	0.17	0	0	0	0	0	0	0
3/12/2024 21:07	67002 STHI_T2	30	101	71	0.13	0.19	0.06	0	0	0	0	0	0	0
3/12/2024 21:07	13302 ORVI_T2	20	60	40	0.22	0.2	-0.02	0	0	0	0	0	0	0
3/12/2024 21:07	60102 COCA_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
3/12/2024 21:07	52503 PROG_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
3/12/2024 21:07	13503 MCMI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
3/12/2024 21:07	64202 KINZ_T1	18	27	9	0.38	0.34	-0.04	0	0	0	0	0	0	0
3/12/2024 21:07	54202 PENN_T2	2	195	193	0.1	0.16	0.06	0	0	0	0	0	0	0
3/12/2024 21:07	66504 SMAN_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
3/12/2024 21:07	29402 BELT_T1	1	1	0	7.6	7.3	-0.3	0	0	0	0	0	0	0
3/12/2024 21:07	41801 GOCI_T2	129	154	25	0.21	0.29	0.08	0	0	0	0	0	0	0
3/12/2024 21:07	60701 BREC_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
3/12/2024 21:08	14402 SSLA_T1	365	407	42	0.4	0.44	0.04	0	0	0	0	0	0	0
3/12/2024 21:08	52004 LING_T2	1	1	0	0.2	0.4	0.2	0	0	0	0	0	0	0
3/12/2024 21:08	56501 ROCK_T2	6	197	191	0.17	0.2	0.03	0	0	0	0	0	0	0
3/12/2024 21:08	54506 ENOL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
3/12/2024 21:08	53902 HAU_T2	1	1	0	5.8	6.1	0.3	0	0	0	0	0	0	0
3/12/2024 21:08	67502 WEWI_T2	12	35	23	0.11	0.13	0.02	0	0	0	0	0	0	0
3/12/2024 21:08	29402 BELT_T1	1	1	0	7.6	7.3	-0.3	0	0	0	0	0	0	0
3/12/2024 21:08	64703 LITI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
3/12/2024 21:08	45902 AUBU_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
3/12/2024 21:08	28801 LAKE_T1	0	14	14	0	0.1	0.1	0	0	0	0	0	0	0
3/12/2024 21:08	44302 BEAV_T2	84	101	17	0.29	0.29	0	0	0	0	0	0	0	0
3/12/2024 21:08	60803 BUCK_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
3/12/2024 21:08	41802 GOCI_T2	20	20	0	0.37	0.42	0.05	0	0	0	0	0	0	0
3/12/2024 21:08	10801 CHHI_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
3/12/2024 21:08	14802 TREI_T2	20	24	4	0.34	0.37	0.03	0	0	0	0	0	0	0
3/12/2024 21:08	67002 STHI_T2	30	101	71	0.13	0.19	0.06	0	0	0	0	0	0	0
3/12/2024 21:09	53901 HAU_T2	17	16	-1	0.33	0.38	0.05	0	0	0	0	0	0	0
3/12/2024 21:09	42903 MIDD_T2	2	4	2	1.9	1.18	-0.72	0	0	0	0	0	0	0
3/12/2024 21:09	64301 LINC_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
3/12/2024 21:09	55002 NEWP_T1	4	4	0	0.6	0.68	0.08	0	0	0	0	0	0	0
3/12/2024 21:09	67002 STHI_T2	30	101	71	0.13	0.19	0.06	0	0	0	0	0	0	0
3/12/2024 21:09	40602 PIGR_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
3/12/2024 21:10	57403 SPAN_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
3/12/2024 21:10	67604 WARW_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
3/12/2024 21:10	40101 HUNT_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
3/12/2024 21:10	50202 HARR_T3	1	1	0	0.6	0.9	0.3	0	0	0	0	0	0	0
3/12/2024 21:10	46001 BERW_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
3/12/2024 21:10	50506 MECH_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
3/12/2024 21:10	54505 ENOL_T2	1	1	0	1	1.3	0.3	0	0	0	0	0	0	0
3/12/2024 21:10	54505 ENOL_T2	1	1	0	1	1.3	0.3	0	0	0	0	0	0	0
3/12/2024 21:10	64703 LITI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
3/12/2024 21:10	59101 WALK_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
3/12/2024 21:10	52004 LING_T2	1	1	0	0.2	0.4	0.2	0	0	0	0	0	0	0
3/12/2024 21:10	24902 WHHA_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
3/12/2024 21:10	58402 MORO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
3/12/2024 21:10	55001 NEWP_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
3/12/2024 21:10	64802 MONE_T2	182	279	97	0.19	0.26	0.07	0	0	0	0	0	0	0
3/12/2024 21:10	45902 AUBU_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
3/12/2024 21:10	67002 STHI_T2	30	101	71	0.13	0.19	0.06	0	0	0	0	0	0	0
3/12/2024 21:11	57401 SPAN_T1	2	2	0	0.75	1.15	0.4	0	0	0	0	0	0	0
3/12/2024 21:11	54503 ENOL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
3/12/2024 21:11	59301 MCAL_T1	2	4	2	1.25	0.73	-0.52	0	0	0	0	0	0	0
3/12/2024 21:11	54503 ENOL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
3/12/2024 21:11	67603 WARW_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
3/12/2024 21:11	59102 WALK_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
3/12/2024 21:11	54602 SUMM_T2	10	10	0	0.19	0.36	0.17	0	0	0	0	0	0	0
3/12/2024 21:11	65502 MOJO_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
3/12/2024 21:11	57401 SPAN_T1	2	2	0	0.75	1.15	0.4	0	0	0	0	0	0	0
3/12/2024 21:11	60502 NMAN_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
3/12/2024 21:11	10805 CHHI_T2	1	1	0	7.6	7.6	0	0	0	0	0	0	0	0
3/12/2024 21:11	59003 MIFF_T1	0	2	2	0	0.1	0.1	0	0	0	0	0	0	0
3/12/2024 21:11	57701 PAXT_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
3/12/2024 21:11	12701 MACU_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
3/12/2024 21:11	16302 ALPA_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
3/12/2024 21:11	44601 SALE_T2	1	1	0	0.7	0.9	0.2	0	0	0	0	0	0	0
3/12/2024 21:11	46101 MACI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
3/12/2024 21:12	42202 SHEN_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
3/12/2024 21:12	17801 GILB_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
3/12/2024 21:12	26002 WDAM_T1	5	1	-4	2.6	0.1	-2.5	0	0	0	0	0	0	0
3/12/2024 21:12	52402 GRPA_T2	4	5	1	1.7	1.58	-0.12	0	0	0	0	0	0	0
3/12/2024 21:12	45901 AUBU_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
3/12/2024 21:12	52404 GRPA_T2	0	1	1	0	0.3	0.3	0	0	0	0	0	0	0
3/12/2024 21:12	43301 WATS_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
3/12/2024 21:12	67503 WEWI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
3/12/2024 21:12	50106 HARR_T3	0	1	1	0	0	0	0	0	0	0	0	0	0
3/12/2024 21:12	42001 MNVL_T2	0	3	3	0	0.1	0.1	0	0	0	0	0	0	0
3/12/2024 21:12	41602 CLEV_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
3/12/2024 21:12	20401 ASHF_T2	0	1	1	0	0.1	0.1	0	0	0	0	0	0	0
3/12/2024 21:12	47403 PENS_T1	2	0	-2	0.1	0	-0.1	0	0	0	0	0	0	0
3/12/2024 21:12	54505 ENOL_T2	1	1	0	1	1.3	0.3	0	0	0	0	0	0	0
3/12/2024 21:12	46202 DANV_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
3/12/2024 21:12	65502 MOJO_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
3/12/2024 21:12	54503 ENOL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
3/12/2024 21:12	55001 NEWP_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
3/12/2024 21:12	15104 UPHA_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
3/12/2024 21:12	44302 BEAV_T2	84	101	17	0.29	0.29	0	0	0	0	0	0	0	0
3/12/2024 21:12	67503 WEWI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
3/12/2024 21:12	42802 SELI_T1	0	1	1	0	0.8	0.8	0	0	0	0	0	0	0
3/12/2024 21:12	28801 LAKE_T1	0	14	14	0	0.1	0.1	0	0	0	0	0	0	0
3/12/2024 21:12	14402 SSLA_T2	365	407	42	0.4	0.44	0.04	0	0	0	0	0	0	0
3/12/2024 21:12	43001 ALMO_T1	14	18	4	0.29	0.33	0.04	0	0	0	0	0	0	0
3/12/2024 21:12	52503 PROG_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
3/12/2024 21:12	57401 SPAN_T1	2	2	0	0.75	1.15	0.4	0	0	0	0	0	0	0
3/12/2024 21:12	16302 ALPA_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
3/12/2024 21:12	54001 SDLE_T1	5	2	-3	0.44	0.5	0.06	0	0	0	0	0	0	0
3/12/2024 21:12	59402 RFLD_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
3/12/2024 21:12	15001 BLMO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
3/12/2024 21:13	50107 HARR_T3	0	0	0	0	0	0	0	0	0	0	0	0	0
3/12/2024 21:13	54506 ENOL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
3/12/2024 21:13	43802 SWIL_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
3/12/2024 21:13	53902 HAU_T2	1	1	0	5.8	6.1	0.3	0	0	0	0	0	0	0
3/12/2024 21:13	40101 HUNT_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
3/12/2024 21:13	46001 BERW_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
3/12/2024 21:13	20402 ASHF_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
3/12/2024 21:13	40603 PIGR_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
3/12/2024 21:13	14401 SSLA_T1	85	148	63	0.19	0.17	-0.02	0	0	0	0	0	0	0
3/12/2024 21:13	23902 EFMO_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
3/12/2024 21:13	60201 ATGL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
3/12/2024 21:13	53602 DALM_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
3/12/2024 21:13	42701 AUGU_T1	1	1	0	0.2	0.6	0.4	0	0	0	0	0	0	0
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3/12/2024 21:14	14801 TREI_T2	77	87	10	0.29	0.32	0.03	0	0	0	0	0	0	0
3/12/2024 21:14	42701 AUGU_T1	1	1	0	0.2	0.6	0.4	0	0	0	0	0	0	0
3/12/2024 21:14	42901 MIDD_T2	101	192	91	0.19	0.3	0.11	0	0	0	0	0	0	0
3/12/2024 21:14	53903 HALI_T2	2	2	0	1.6	1.9	0.3	0	0	0	0	0	0	0
3/12/2024 21:14	44302 BEAV_T2	84	101	17	0.29	0.29	0	0	0	0	0	0	0	0
3/12/2024 21:14	59402 RFLD_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
3/12/2024 21:14	54001 SDLE_T1	5	2	-3	0.44	0.5	0.06	0	0	0	0	0	0	0
3/12/2024 21:15	54501 ENOL_T2	0	4	4	0	0.15	0.15	0	0	0	0	0	0	0
3/12/2024 21:15	12705 MACU_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
3/12/2024 21:15	46206 DANV_T2	9	12	3	0.31	0.53	0.22	0	0	0	0	0	0	0
3/12/2024 21:15	43108 SMIL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
3/12/2024 21:15	52402 GRPA_T2	4	6	2	1.73	1.43	-0.3	0	0	0	0	0	0	0
3/12/2024 21:15	54502 ENOL_T2	1	1	0	0.2	0.5	0.3	0	0	0	0	0	0	0
3/12/2024 21:15	50506 MECH_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
3/12/2024 21:15	67503 WEWI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
3/12/2024 21:15	45701 LIND_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
3/12/2024 21:15	60803 BUCK_T1	0	1	1	0	0.1	0.1	0	0	0	0	0	0	0
3/12/2024 21:15	42902 MIDD_T2	73	83	10	0.39	0.38	-0.01	0	0	0	0	0	0	0
3/12/2024 21:15	61801 EEU_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
3/12/2024 21:15	44601 SALE_T2	1	1	0	0.7	0.9	0.2	0	0	0	0	0	0	0
3/12/2024 21:15	29401 BELT_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
3/12/2024 21:15	43802 SWIL_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
3/12/2024 21:15	42701 AUGU_T1	1	1	0	0.6	0.5	-0.1	0	0	0	0	0	0	0
3/12/2024 21:15	60701 BREC_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
3/12/2024 21:15	40101 HUNT_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
3/12/2024 21:16	52002 LING_T2	1	1	0	1.3	1.6	0.3	0	0	0	0	0	0	0
3/12/2024 21:16	54506 ENOL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
3/12/2024 21:16	42204 SHEN_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
3/12/2024 21:16	47403 PENS_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
3/12/2024 21:16	43304 WATS_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
3/12/2024 21:16	46005 BERW_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
3/12/2024 21:16	65003 NEFF_T2	1	2	1	0.1	0.1	0	0	0	0	0	0	0	0
3/12/2024 21:16	43202 MVIL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
3/12/2024 21:16	15001 BLMO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
3/12/2024 21:16	46801 HEPB_T2	2	2	0	0.3	0.45	0.15	0	0	0	0	0	0	0
3/12/2024 21:16	46004 BERW_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
3/12/2024 21:16	41602 CLEV_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
3/12/2024 21:16	46701 RENO_T1	6	8	2	1.48	1.2	-0.28	0	0	0	0	0	0	0
3/12/2024 21:16	67201 TEHI_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
3/12/2024 21:16	58302 NOTT_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
3/12/2024 21:16	18001 ZION_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
3/12/2024 21:16	41801 GOCI_T2	112	193	81	0.23	0.28	0.05	0	0	0	0	0	0	0
3/12/2024 21:17	43201 MVIL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
3/12/2024 21:17	54502 ENOL_T2	1	1	0	0.2	0.5	0.3	0	0	0	0	0	0	0
3/12/2024 21:17	45402 WILO_T2	1	19	18	0.2	0.17	-0.03	0	0	0	0	0	0	0
3/12/2024 21:17	43304 WATS_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
3/12/2024 21:17	57401 SPAN_T1	2	2	0	0.9	1.15	0.25	0	0	0	0	0	0	0
3/12/2024 21:17	64802 MONE_T2	273	113	-160	0.26	0.22	-0.04	0	0	0	0	0	0	0
3/12/2024 21:17	67002 STHI_T2	64	117	53	0.15	0.18	0.03	0	0	0	0	0	0	0
3/12/2024 21:17	66703 STRA_T1	7	10	3	0.5	0.54	0.04	0	0	0	0	0	0	0
3/12/2024 21:17	40601 PIGR_T1	153	183	30	0.28	0.3	0.02	0	0	0	0	0	0	0
3/12/2024 21:17	47401 PENS_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
3/12/2024 21:17	64301 LINC_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
3/12/2024 21:18	57401 SPAN_T1	2	2	0	0.9	1.15	0.25	0	0	0	0	0	0	0
3/12/2024 21:18	12701 MACU_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
3/12/2024 21:18	52403 GRPA_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
3/12/2024 21:18	54505 ENOL_T2	1	1	0	1.1	1.3	0.2	0	0	0	0	0	0	0
3/12/2024 21:18	43304 WATS_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
3/12/2024 21:18	14404 SSLA_T1	349	421	72	0.36	0.36	0	0	0	0	0	0	0	0
3/12/2024 21:18	42701 AUGU_T1	1	1	0	0.6	0.5	-0.1	0	0	0	0	0	0	0
3/12/2024 21:18	42801 SELI_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
3/12/2024 21:18	50506 MECH_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
3/12/2024 21:18	40101 HUNT_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
3/12/2024 21:18	46803 HEPB_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
3/12/2024 21:18	40201 BEGA_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
3/12/2024 21:18	43202 MVIL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
3/12/2024 21:19	41901 REED_T1	9	9	0	1.09	1	-0.09	0	0	0	0	0	0	0
3/12/2024 21:19	67203 TEHI_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
3/12/2024 21:19	43202 MVIL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
3/12/2024 21:19	64801 MONE_T2	151	168	17	0.29	0.31	0.02	0	0	0	0	0	0	0
3/12/2024 21:19	45402 WILO_T2	1	19	18	0.2	0.17	-0.03	0	0	0	0	0	0	0
3/12/2024 21:19	43001 ALWD_T1	18	17	-1	0.32	0.29	-0.03	0	0	0	0	0	0	0
3/12/2024 21:19	54206 PENN_T2	8	78	70	0.2	0.14	-0.06	0	0	0	0	0	0	0
3/12/2024 21:19	65003 NEFF_T2	1	2	1	0.1	0.1	0	0	0	0	0	0	0	0
3/12/2024 21:19	52402 GRPA_T2	4	6	2	1.73	1.43	-0.3	0	0	0	0	0	0	0
3/12/2024 21:19	43801 SWIL_T1	6	4	-2	1.28	1.8	0.52	0	0	0	0	0	0	0
3/12/2024 21:20	58401 MORO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
3/12/2024 21:20	41902 REED_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
3/12/2024 21:20	47403 PENS_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
3/12/2024 21:20	43001 ALWD_T1	18	17	-1	0.32	0.29	-0.03	0	0	0	0	0	0	0
3/12/2024 21:20	67402 WAKE_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
3/12/2024 21:20	52402 GRPA_T2	4	6	2	1.73	1.43	-0.3	0	0	0	0	0	0	0
3/12/2024 21:21	44301 BEAV_T2	2	2	0	0.25	0.35	0.1	0	0	0	0	0	0	0
3/12/2024 21:21	59402 RFLD_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
3/12/2024 21:21	46801 HEPB_T2	2	2	0	0.3	0.45	0.15	0	0	0	0	0	0	0
3/12/2024 21:22	43802 SWIL_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
3/12/2024 21:22	43303 WATS_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
3/12/2024 21:23	44301 BEAV_T2	2	2	0	0.25	0.35	0.1	0	0	0	0	0	0	0
3/12/2024 21:23	67402 WAKE_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
3/12/2024 21:26	42701 AUGU_T1	1	1	0	0.6	0.5	-0.1	0	0	0	0	0	0	0
3/12/2024 22:16	65002 NEFF_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
3/12/2024 22:37	65002 NEFF_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
3/12/2024 22:47	54505 ENOL_T2	1	1	0	0.5	0.4	-0.1	0	0	0	0	0	0	0
3/12/2024 23:24	52401 GRPA_T2	1	1	0	0.5	0.5	0	0	0	0	0	0	0	0
3/13/2024 0:07	65003 NEFF_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
3/13/2024 2:45	65005 NEFF_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
3/13/2024 2:55	65005 NEFF_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
3/13/2024 3:16	65005 NEFF_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
3/13/2024 4:14	65002 NEFF_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
3/13/2024 4:35	65001 NEFF_T2	3	0	-3	0.1	0	-0.1	0	0	0	0	0	0	0
3/13/2024 4:56	65004 NEFF_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
3/13/2024 5:28	65005 NEFF_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
3/13/2024 6:20	65003 NEFF_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
3/13/2024 7:28	65003 NEFF_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
3/13/2024 7:56	45502 DERR_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
3/13/2024 7:59	13503 MCMI_T2	0	227	227	0	0.35	0.35	0	0	0	0	0	0	0
3/13/2024 8:03	13503 MCMI_T2	85	227	142	0.32	0.35	0.03	0	0	0	0	0	0	0
3/13/2024 8:09	29402 BELT_T1	1	1	0	7.1	7.3	0.2	0	0	0	0	0	0	0
3/13/2024 8:10	29402 BELT_T1	1	1	0	7.1	7.3	0.2	0	0	0	0	0	0	0
3/13/2024 8:14	20602 GRWO_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
3/13/2024 8:21	65005 NEFF_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
3/13/2024 8:27	40101 HUNT_T2	13	82	69	0.35	0.35	0	0	0	0	0	0	0	0
3/13/2024 8:39	59101 WALK_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
3/13/2024 8:47	55002 NEWP_T1	5	7	2	0.76	0.84	0.08	0	0	0	0	0	0	0
3/13/2024 8:48	26402 INOR_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
3/13/2024 8:50	55001 NEWP_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
3/13/2024 8:51	55002 NEWP_T1	5	7	2	0.76	0.84	0.08	0	0	0	0	0	0	0
3/13/2024 9:06	67402 WAKE_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
3/13/2024 9:07	56802 BENV_T2	78	148	70	0.18	0.29	0.11	0	0	0	0	0	0	0
3/13/2024 9:08	65003 NEFF_T2	3	0	-3	0.3	0	-0.3	0	0	0	0	0	0	0
3/13/2024 9:13	56802 BENV_T2	78	148	70	0.18	0.29	0.11	0	0	0	0	0	0	0
3/13/2024 9:16	55002 NEWP_T1	7	7	0	0.83	0.96	0.13	0	0	0	0	0	0	0
3/13/2024 9:17	55001 NEWP_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
3/13/2024 9:18	26001 WDAM_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
3/13/2024 9:18	55001 NEWP_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
3/13/2024 9:19	58401 MORO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
3/13/2024 9:22	46702 RENO_T1	1	1	0	0.2	0.1	-0.1	0	0	0	0	0	0	0
3/13/2024 9:23	29401 BELT_T1	33	9	-24	0.17	0.11	-0.06	0	0	0	0	0	0	0
3/13/2024 9:23	40201 BEGA_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
3/13/2024 9:25	43101 SMIL_T2	0	1	1	0	0.5	0.5	0	0	0	0	0	0	0
3/13/2024 9:25	29401 BELT_T1	33	9	-24	0.17	0.11	-0.06	0	0	0	0	0	0	0
3/13/2024 9:26	29402 BELT_T1	1	1	0	7.9	7.9	0	0	0	0	0	0	0	0
3/13/2024 9:28	29402 BELT_T1	1	1	0	7.9	7.9	0	0	0	0	0	0	0	0
3/13/2024 9:29	59302 MCAL_T1	1	0	-1	0.1	0	-0.1	0	0	0	0	0	0	0
3/13/2024 9:29	40101 HUNT_T2	12	35	23	0.38	0.25	-0.13	0	0	0	0	0	0	0
3/13/2024 9:30	58402 MORO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
3/13/2024 9:35	58401 MORO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
3/13/2024 9:36	47401 PENS_T1	43	59	16	0.22	0.32	0.1	0	0	0	0	0	0	0
3/13/2024 9:43	10801 CHHI_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
3/13/2024 9:44	52403 GRPA_T2	0	3	3	0	0.3	0.3	0	0	0	0	0	0	0
3/13/2024 9:46	52403 GRPA_T2	3	8	5	0.3	0.35	0.05	0	0	0	0	0	0	0
3/13/2024 9:47	43201 MVIL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
3/13/2024 9:47	59001 MIFF_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
3/13/2024 9:49	42601 TUSC_T1	0	6	6	0	0	0	0	0	0	0	0	0	0
3/13/2024 9:51	53902 HALI_T2	1	1	0	5.3	5.6	0.3	0	0	0	0	0	0	0
3/13/2024 9:51	17002 RIRO_T2	2	9	7	0.35	0.38	0.03	0	0	0	0	0	0	0
3/13/2024 9:53	10801 CHHI_T1	0	1	1	0	0	0	0	0	0	0	0	0	0
3/13/2024 9:53	42601 TUSC_T1	0	6	6	0	0	0	0	0	0	0	0	0	0
3/13/2024 9:54	56802 BENV_T2	80	115	35	0.18	0.2	0.02	0	0	0	0	0	0	0
3/13/2024 9:55	43001 ALWD_T1	1	1	0	0.1	0.4	0.3	0	0	0	0	0	0	0
3/13/2024 9:55	41802 GOCI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
3/13/2024 9:56	46206 DANV_T2	13	13	0	3.17	4.17	1	0	0	0	0	0	0	0
3/13/2024 9:56	29401 BELT_T1	0	30	30	0	0.16	0.16	0	0	0	0	0	0	0
3/13/2024 9:56	29402 BELT_T1	1	3	2	7.6	2.93	-4.67	0	0	0	0	0	0	0
3/13/2024 9:58	46201 DANV_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
3/13/2024 9:59	52404 GRPA_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
3/13/2024 10:00	42901 MIDD_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
3/13/2024 10:00	53903 HALI_T2	2	2	0	0.9	1.2	0.3	0	0	0	0	0	0	0
3/13/2024 10:00	48303 ORWI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
3/13/2024 10:00	62604 ENGL_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
3/13/2024 10:00	54503 ENOL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
3/13/2024 10:00	47101 MARL_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
3/13/2024 10:00	52403 GRPA_T2	3	8	5	0.27	0.36	0.09	0	0	0	0	0	0	0
3/13/2024 10:00	60803 BUCK_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
3/13/2024 10:00	13302 ORVI_T2	1	3	2	0.5	0.43	-0.07	0	0	0	0	0	0	0
3/13/2024 10:00	45501 DERR_T2	1	1	0	0.1	0.4	0.3	0	0	0	0	0	0	0
3/13/2024 10:00	42302 MOWR_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
3/13/2024 10:00	43001 ALWD_T1	1	1	0	0.2	0.4	0.2	0	0	0	0	0	0	0
3/13/2024 10:00	17805 GILB_T2	1	2	1	0.2	0.4	0.2	0	0	0	0	0	0	0
3/13/2024 10:00	65004 NEFF_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
3/13/2024 10:00	46702 RENO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
3/13/2024 10:00	52001 LING_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
3/13/2024 10:00	54602 SUMM_T2	0	10	10	0	0.18	0.18	0	0	0	0	0	0	0
3/13/2024 10:00	52006 LING_T2	3	3	0	0.37	0.63	0.26	0	0	0	0	0	0	0
3/13/2024 10:00	64904 MILL_T1	0	1	1	0	0	0	0	0	0	0	0	0	0
3/13/2024 10:00	40601 PIGR_T1	3	10	7	0.17	0.19	0.02	0	0	0	0	0	0	0
3/13/2024 10:00	42203 SHEN_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
3/13/2024 10:00	54506 ENOL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
3/13/2024 10:00	47402 PENS_T1	0	1	1	0	0.2	0.2	0	0	0	0	0	0	0
3/13/2024 10:00	17002 RIRO_T2	3	9	6	0.6	0.4	-0.2	0	0	0	0	0	0	0
3/13/2024 10:00	67401 WAKE_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
3/13/2024 10:00	53502 EVIL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
3/13/2024 10:00	66303 MCGO_T2	1	1	0	0.1	0.1	0	0	0	0	0	0	0	0
3/13/2024 10:00	16101 BING_T2	0	1	1	0	0	0	0	0	0	0	0	0	0
3/13/2024 10:00	57401 SPAN_T1	2	2	0	0.85	0.75	-0.1	0	0	0	0	0	0	0
3/13/2024 10:00	40101 HUNT_T2	8	6	-2	0.3	0.1	-0.2	0	0	0	0	0	0	0
3/13/2024 10:00	40504 CRES_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
3/13/2024 10:00	58402 MORO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
3/13/2024 10:00	26402 INOR_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
3/13/2024 10:00	46101 MACI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
3/13/2024 10:00	40201 BEGA_T2	1	1	0	0.2	0.8	0.6	0	0	0	0	0	0	0
3/13/2024 10:01	23902 EFMO_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
3/13/2024 10:01	67503 WEWI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
3/13/2024 10:04	59101 WALK_T

Appendix C - Grid Benefits Achieved in Each Instance of Active Management

3/13/2024 10:11	62601 ENGL_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/13/2024 10:11	41802 GOCI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/13/2024 10:11	54506 ENOL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/13/2024 10:11	43001 ALWD_T1	1	1	0	0.2	0.4	0.2	0	0	0	0	0	0	0	0
3/13/2024 10:12	54501 ENOL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/13/2024 10:12	29402 BELT_T1	2	3	1	4.15	3.03	-1.12	0	0	0	0	0	0	0	0
3/13/2024 10:12	40101 HUNT_T2	8	6	-2	0.3	0.1	-0.2	0	0	0	0	0	0	0	0
3/13/2024 10:12	29402 BELT_T1	2	3	1	4.15	3.03	-1.12	0	0	0	0	0	0	0	0
3/13/2024 10:12	52404 GRPA_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/13/2024 10:13	54506 ENOL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/13/2024 10:13	41801 GOCI_T2	1	2	-1	0.2	0.2	0	0	0	0	0	0	0	0	0
3/13/2024 10:14	52401 GRPA_T2	0	1	1	0	0.1	0.1	0	0	0	0	0	0	0	0
3/13/2024 10:14	63401 HONY_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/13/2024 10:15	50504 MECH_T1	10	0	-10	0.12	0	-0.12	0	0	0	0	0	0	0	0
3/13/2024 10:15	52404 GRPA_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/13/2024 10:15	25501 MADI_T1	0	2	2	0	0.6	0.6	0	0	0	0	0	0	0	0
3/13/2024 10:15	17803 GILB_T2	0	25	25	0	0.25	0.25	0	0	0	0	0	0	0	0
3/13/2024 10:16	50505 MECH_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/13/2024 10:16	65001 NEFF_T2	15	2	-13	0.14	0.1	-0.04	0	0	0	0	0	0	0	0
3/13/2024 10:16	64802 MONE_T2	1	1	0	0.4	0.5	0.1	0	0	0	0	0	0	0	0
3/13/2024 10:16	55002 NEWP_T1	9	12	3	1.06	1.03	-0.03	0	0	0	0	0	0	0	0
3/13/2024 10:17	52403 GRPA_T2	8	7	-1	0.35	0.41	0.06	0	0	0	0	0	0	0	0
3/13/2024 10:18	50501 MECH_T1	4	4	0	1.85	1.3	-0.55	0	0	0	0	0	0	0	0
3/13/2024 10:18	43201 MVIL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/13/2024 10:19	13502 MCMI_T1	0	2	2	0	0	0	0	0	0	0	0	0	0	0
3/13/2024 10:19	50105 HARR_T3	7	7	0	6.1	6.34	0.24	0	0	0	0	0	0	0	0
3/13/2024 10:19	47402 PENS_T1	1	1	0	0.1	0.5	0.4	0	0	0	0	0	0	0	0
3/13/2024 10:19	13503 MCMI_T2	1	1	0	0.8	1.1	0.3	0	0	0	0	0	0	0	0
3/13/2024 10:19	55001 NEWP_T1	1	1	0	0.3	0.7	0.4	0	0	0	0	0	0	0	0
3/13/2024 10:19	52503 PROG_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/13/2024 10:20	55001 NEWP_T1	1	1	0	0.3	0.7	0.4	0	0	0	0	0	0	0	0
3/13/2024 10:21	13502 MCMI_T1	0	2	2	0	0	0	0	0	0	0	0	0	0	0
3/13/2024 10:21	26401 INOR_T1	0	1	1	0	0.1	0.1	0	0	0	0	0	0	0	0
3/13/2024 10:21	50106 HARR_T3	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/13/2024 10:22	65001 NEFF_T2	15	2	-13	0.14	0.1	-0.04	0	0	0	0	0	0	0	0
3/13/2024 10:23	47401 PENS_T1	74	61	-13	0.42	0.34	-0.08	0	0	0	0	0	0	0	0
3/13/2024 10:23	15001 BLMO_T1	0	3	3	0	0.1	0.1	0	0	0	0	0	0	0	0
3/13/2024 10:24	15001 BLMO_T1	0	3	3	0	0.1	0.1	0	0	0	0	0	0	0	0
3/13/2024 10:25	20401 ASHF_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/13/2024 10:25	15001 BLMO_T1	0	3	3	0	0.1	0.1	0	0	0	0	0	0	0	0
3/13/2024 10:26	20402 ASHF_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/13/2024 10:28	46202 DANV_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/13/2024 10:28	46803 HEPB_T2	1	1	0	0.5	0.6	0.1	0	0	0	0	0	0	0	0
3/13/2024 10:29	46204 DANV_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/13/2024 10:29	26001 WDAM_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/13/2024 10:30	64202 KINZ_T1	3	3	0	0.8	0.7	-0.1	0	0	0	0	0	0	0	0
3/13/2024 10:31	57304 MOAL_T2	1	4	3	0.2	0.1	-0.1	0	0	0	0	0	0	0	0
3/13/2024 10:32	40601 PIGR_T1	10	11	1	0.18	0.19	0.01	0	0	0	0	0	0	0	0
3/13/2024 10:33	57303 MOAL_T2	1	1	0	7.3	7	-0.3	0	0	0	0	0	0	0	0
3/13/2024 10:35	40603 PIGR_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/13/2024 10:35	64101 REFR_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/13/2024 10:36	40603 PIGR_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/13/2024 10:36	67503 WEWI_T2	0	2	2	0	0.25	0.25	0	0	0	0	0	0	0	0
3/13/2024 10:37	67503 WEWI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/13/2024 10:37	17802 GILB_T1	3	4	1	0.73	0.53	-0.2	0	0	0	0	0	0	0	0
3/13/2024 10:38	46004 BERW_T2	0	2	2	0	0.1	0.1	0	0	0	0	0	0	0	0
3/13/2024 10:38	41601 CLEV_T1	1	1	0	0.5	0.7	0.2	0	0	0	0	0	0	0	0
3/13/2024 10:38	59101 WALK_T2	1	4	3	0.4	0.6	0.2	0	0	0	0	0	0	0	0
3/13/2024 10:38	43106 SMIL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/13/2024 10:39	67503 WEWI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/13/2024 10:44	12701 MACU_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/13/2024 10:44	46803 HEPB_T2	1	2	1	0.6	0.4	-0.2	0	0	0	0	0	0	0	0
3/13/2024 10:45	59001 MIFF_T1	0	1	1	0	0.1	0.1	0	0	0	0	0	0	0	0
3/13/2024 10:45	47002 HUGH_T2	3	4	1	0.2	0.18	-0.02	0	0	0	0	0	0	0	0
3/13/2024 10:45	13502 MCMI_T1	0	1	1	0	0.2	0.2	0	0	0	0	0	0	0	0
3/13/2024 10:46	12704 MACU_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/13/2024 10:48	42901 MIDD_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/13/2024 10:49	41901 REED_T1	6	9	3	0.15	0.31	0.16	0	0	0	0	0	0	0	0
3/13/2024 10:50	12704 MACU_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/13/2024 10:51	46701 RENO_T1	2	234	232	4.5	0.37	-4.13	0	0	0	0	0	0	0	0
3/13/2024 10:51	47402 PENS_T1	1	2	1	0.5	0.55	0.05	0	0	0	0	0	0	0	0
3/13/2024 10:51	46702 RENO_T1	0	172	172	0	0.31	0.31	0	0	0	0	0	0	0	0
3/13/2024 10:52	60201 ATGL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/13/2024 10:52	45402 WBLO_T2	21	34	13	0.25	0.26	0.01	0	0	0	0	0	0	0	0
3/13/2024 10:53	66504 SMAN_T2	1	1	0	0.1	0	-0.1	0	0	0	0	0	0	0	0
3/13/2024 10:53	45402 WBLO_T2	21	34	13	0.25	0.26	0.01	0	0	0	0	0	0	0	0
3/13/2024 10:54	28602 BLYT_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/13/2024 10:54	15704 TANN_T1	1	4	3	0.1	0.23	0.13	0	0	0	0	0	0	0	0
3/13/2024 10:55	67604 WARW_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/13/2024 10:55	54502 ENOL_T2	1	1	0	0.8	0.9	0.1	0	0	0	0	0	0	0	0
3/13/2024 10:57	40101 HUNT_T2	1	3	2	0.2	0.4	0.2	0	0	0	0	0	0	0	0
3/13/2024 10:57	28701 HAML_T2	1	1	0	0.5	1	0.5	0	0	0	0	0	0	0	0
3/13/2024 10:59	45703 LIND_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/13/2024 11:00	52403 GRPA_T2	7	5	-2	0.34	0.4	0.06	0	0	0	0	0	0	0	0
3/13/2024 11:02	52403 GRPA_T2	7	5	-2	0.34	0.4	0.06	0	0	0	0	0	0	0	0
3/13/2024 11:02	42001 MNVL_T2	3	9	6	0.4	0.43	0.03	0	0	0	0	0	0	0	0
3/13/2024 11:04	64902 MILL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/13/2024 11:04	58401 MORO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/13/2024 11:07	15104 UPHA_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/13/2024 11:07	46702 RENO_T1	119	170	51	0.24	0.31	0.07	0	0	0	0	0	0	0	0
3/13/2024 11:07	57403 SPAN_T1	23	96	73	0.28	0.27	-0.01	0	0	0	0	0	0	0	0
3/13/2024 11:07	67503 WEWI_T2	0	1	1	0	0	0	0	0	0	0	0	0	0	0
3/13/2024 11:08	57403 SPAN_T1	23	96	73	0.28	0.27	-0.01	0	0	0	0	0	0	0	0
3/13/2024 11:08	46001 BERW_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/13/2024 11:08	55105 WERT_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/13/2024 11:08	42601 TUSC_T1	0	1	1	0	0	0	0	0	0	0	0	0	0	0
3/13/2024 11:09	46001 BERW_T1	0	1	1	0	0.4	0.4	0	0	0	0	0	0	0	0
3/13/2024 11:10	54504 ENOL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/13/2024 11:10	46201 DANV_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/13/2024 11:10	62601 ENGL_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/13/2024 11:10	10805 CHNI_T2	1	8	7	8.4	8.4	0	0	0	0	0	0	0	0	0
3/13/2024 11:11	62601 ENGL_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/13/2024 11:11	54505 ENOL_T2	1	2	1	1	0.65	-0.35	0	0	0	0	0	0	0	0
3/13/2024 11:11	53902 HAU_T2	1	2	1	5.4	2.9	-2.5	0	0	0	0	0	0	0	0
3/13/2024 11:11	45501 DERR_T2	1	1	0	0.2	0.3	0.1	0	0	0	0	0	0	0	0
3/13/2024 11:11	54503 ENOL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/13/2024 11:12	41802 GOCI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/13/2024 11:12	54505 ENOL_T2	1	2	1	1	0.65	-0.35	0	0	0	0	0	0	0	0
3/13/2024 11:13	54502 ENOL_T2	1	1	0	0.8	0.9	0.1	0	0	0	0	0	0	0	0
3/13/2024 11:13	53903 HAU_T2	5	5	0	0.56	0.68	0.12	0	0	0	0	0	0	0	0
3/13/2024 11:13	54506 ENOL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/13/2024 11:13	54504 ENOL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/13/2024 11:14	54503 ENOL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/13/2024 11:14	62602 ENGL_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/13/2024 11:14	59301 MCAL_T1	9	35	26	0.58	0.33	-0.25	0	0	0	0	0	0	0	0
3/13/2024 11:15	62604 ENGL_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/13/2024 11:15	45703 LIND_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/13/2024 11:15	58401 MORO_T1	0	2	2	0	0.25	0.25	0	0	0	0	0	0	0	0
3/13/2024 11:15	50504 MECH_T1	2	4	2	0.3	0.3	0	0	0	0	0	0	0	0	0
3/13/2024 11:16	53901 HAU_T2	2	2	0	0.5	0.55	0.05	0	0	0	0	0	0	0	0
3/13/2024 11:16	13501 MCMI_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/13/2024 11:16	40902 JESH_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/13/2024 11:16	59301 MCAL_T1	9	37	28	0.76	0.33	-0.43	0	0	0	0	0	0	0	0
3/13/2024 11:17	46701 RENO_T1	229	42	-187	0.37	0.35	-0.02	0	0	0	0	0	0	0	0
3/13/2024 11:17	42002 MNVL_T2	1	1	0	7.1	7	-0.1	0	0	0	0	0	0	0	0
3/13/2024 11:17	62604 ENGL_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/13/2024 11:17	55001 NEWP_T1	2	5	3	0.75	0.62	-0.13	0	0	0	0	0	0	0	0
3/13/2024 11:18	59402 RFLD_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/13/2024 11:18	64903 MILL_T2	0	1	1	0	0.7	0.7	0	0	0	0	0	0	0	0
3/13/2024 11:18	55001 NEWP_T1	2	5	3	0.75	0.62	-0.13	0	0	0	0	0	0	0	0
3/13/2024 11:18	55001 NEWP_T1	2	5	3	0.75	0.62	-0.13	0	0	0	0	0	0	0	0
3/13/2024 11:19	42001 MNVL_T2	8	10	2	0.4	0.43	0.03	0	0	0	0	0	0	0	0
3/13/2024 11:19	50502 MECH_T1	1	3	2	2.6	0.93	-1.67	0	0	0	0	0	0	0	0
3/13/2024 11:19	42902 MIDD_T2	8	42	34	1	0.31	-0.69	0	0	0	0	0	0	0	0
3/13/2024 11:19	64903 MILL_T2	0	1	1	0	0.7	0.7	0	0	0	0	0	0	0	0
3/13/2024 11:20	65002 NEFF_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/13/2024 11:20	50504 MECH_T1	2	4	2	0.3	0.3	0	0	0	0	0	0	0	0	0
3/13/2024 11:20	58401 MORO_T1	0	2	2	0	0.25	0.25	0	0	0	0	0	0	0	0
3/13/2024 11:20	44601 SALE_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/13/2024 11:21	57403 SPAN_T1	93	160	67	0.27	0.33	0.06	0	0	0	0	0	0	0	0
3/13/2024 11:21	63802 HEMP_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/13/2024 11:22	44601 SALE_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/13/2024 11:22	67401 WAKE_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/13/2024 11:22	13501 MCMI_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/13/2024 11:23	60803 BUCK_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/13/2024 11:23	57403 SPAN_T1	93	160	67	0.27	0.33	0.06	0	0	0	0	0	0	0	0
3/13/2024 11:24	23902 EFMO_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/13/2024 11:25	60803 BUCK_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/13/2024 11:26	20402 ASHF_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/13/2024 11:27	54506 ENOL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/13/2024 11:28	52404 GRPA_T2	0	1	1	0	0.4	0.4	0	0	0	0	0	0	0	0
3/13/2024 11:28	23901 EFMO_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/13/2024 11:28	60102 COCA_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/13/2024 11:28	54506 ENOL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/13/2024 11:28	26001 WDAM_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/13/2024 11:30	52401 GRPA_T2	1	2	1	0.2	0.75	0.55	0	0	0	0	0	0	0	0
3/13/2024 11:32	59003 MIFF_T1	2	3	1	0.15	0.23	0.08	0	0	0	0	0	0	0	0
3/13/2024 11:33	42801 SELI_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/13/2024 11:34	25501 MADI_T1	1	2	1	0.1	0.35	0.25	0	0	0	0	0	0	0	0
3/13/2024 11:34	57403 SPAN_T1	65	173	108	0.26	0.48	0.22	0	0	0	0	0	0	0	0
3/13/2024 11:34	59402 RFLD_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/13/2024 11:35	65004 NEFF_T2	3	4	1	0.23	0.35	0.12	0	0	0	0	0	0	0	0
3/13/2024 11:36	57403 SPAN_T1	65	173	108	0.26	0.48	0.22	0	0	0	0	0	0	0	0
3/13/2024 11:36	17002 RIRO_T2	5	8	3	0.68	0.53	-0.15	0	0	0	0	0	0	0	0
3/13/2024 11:37	67002 STHI_T2	7	15	8	0.19	0.28	0.09	0	0	0	0	0	0	0	0
3/13/2024 11:37	67603 WARW_T1	0	1	1	0	0.1	0.1	0	0	0	0	0	0	0	0
3/13/2024 11:38	42801 SELI_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/13/2024 11:38	57403 SPAN_T1	65	173	108	0.26	0.48	0.22	0	0	0	0	0	0	0	0
3/13/2024 11:39	67001 STHI_T2	2	60	58	0.25	0.12	-0.13	0	0	0	0	0	0	0	0
3/13/2024 11:41	52402 GRPA_T2	12	10	-2	0.72	0.93	0.21	0	0	0	0	0	0	0	0
3/13/2024 11:42	54501 ENOL_T2	0	2	2	0	0.3	0.3	0	0	0	0	0	0	0	0
3/13/2024 11:43	54504 ENOL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/13/2024 11:43	63404 HONY_T1	0	1	1	0	0.2	0.2	0	0	0	0	0	0	0	0
3/13/2024 11:43	52402 GRPA_T2	12	10	-2	0.72	0.93	0.21	0	0	0	0	0	0	0	0
3/13/2024 11:44	54505 ENOL_T2	2	2	0	0.5	0.85	0.35	0	0	0	0	0	0	0	0
3/13/2024 11:44	52404 GRPA_T2	0	1	1	0	0.4	0.4	0	0	0	0	0	0	0	0
3/13/2024 11:44	52401 GRPA_T2	1	2	1	0.2	0.75	0.55	0	0	0	0	0	0	0	0
3/13/2024 11:44	13503 MCMI_T2	1	12	11	0.7	0.4	-0.3	0	0	0	0	0	0	0	0
3/13/2024 11:44	63602 LETO_T1	1	4	3	0.5	0.43	-0.07	0	0	0	0	0	0	0	0
3/13/2024 11:45	54505 ENOL_T2	2	2	0	0.75	0.8	0.05	0	0	0	0	0	0	0	0
3/13/2024 11:46	46801 HEPB_T2	2	3	1	1.2	0.9	-0.3	0	0	0	0	0	0	0	0
3/13/2024 11:46	52402 GRPA_T2	9	8	-1	1.02	0.88	-0.14	0	0	0	0	0	0	0	0
3/13/2024 11:46	52404 GRPA_T2	1	1	0	0.4	0.3	-0.1	0	0	0	0	0	0	0	0
3/13/2024 11:46	43201 M

3/13/2024 12:08	13901 SEID_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/13/2024 12:08	59101 WALK_T2	1	0	-1	0.8	0	-0.8	0	0	0	0	0	0	0	0
3/13/2024 12:09	59102 WALK_T2	5	3	-2	0.44	0.4	-0.04	0	0	0	0	0	0	0	0
3/13/2024 12:09	44302 BEAV_T2	13	52	39	0.45	0.37	-0.08	0	0	0	0	0	0	0	0
3/13/2024 12:15	43201 MVIL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/13/2024 12:16	43201 MVIL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/13/2024 12:17	23404 HONE_T1	36	35	-1	0.16	0.16	0	0	0	0	0	0	0	0	0
3/13/2024 12:17	65002 NEFF_T2	1	0	-1	0.1	0	-0.1	0	0	0	0	0	0	0	0
3/13/2024 12:18	43201 MVIL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/13/2024 12:20	43202 MVIL_T2	1	28	27	1.1	0.21	-0.89	0	0	0	0	0	0	0	0
3/13/2024 12:20	57401 SPAN_T1	4	4	0	0.9	0.83	-0.07	0	0	0	0	0	0	0	0
3/13/2024 12:20	42801 SELI_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/13/2024 12:21	57401 SPAN_T1	4	4	0	0.9	0.83	-0.07	0	0	0	0	0	0	0	0
3/13/2024 12:22	43105 SMIL_T2	15	16	1	0.37	0.41	0.04	0	0	0	0	0	0	0	0
3/13/2024 12:23	17002 RIRO_T2	15	14	-1	0.51	0.54	0.03	0	0	0	0	0	0	0	0
3/13/2024 12:28	65004 NEFF_T2	4	3	-1	0.45	0.43	-0.02	0	0	0	0	0	0	0	0
3/13/2024 12:30	28803 LAKE_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/13/2024 12:33	14801 TREI_T2	97	104	7	0.42	0.5	0.08	0	0	0	0	0	0	0	0
3/13/2024 12:45	50506 MECH_T1	1	1	0	0.8	0.1	-0.7	0	0	0	0	0	0	0	0
3/13/2024 12:46	28805 LAKE_T1	2	1	-1	1	0.4	-0.6	0	0	0	0	0	0	0	0
3/13/2024 12:47	50504 MECH_T1	1	1	0	0.1	0.3	0.2	0	0	0	0	0	0	0	0
3/13/2024 12:49	50504 MECH_T1	1	1	0	0.1	0.3	0.2	0	0	0	0	0	0	0	0
3/13/2024 12:56	20603 GRWO_T2	2	5	3	0.35	0.34	-0.01	0	0	0	0	0	0	0	0
3/13/2024 12:56	44301 BEAV_T2	0	1	1	0	0.7	0.7	0	0	0	0	0	0	0	0
3/13/2024 12:57	60102 COCA_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/13/2024 13:02	50505 MECH_T1	0	1	1	0	0.2	0.2	0	0	0	0	0	0	0	0
3/13/2024 13:03	43202 MVIL_T2	2	57	55	0.65	0.28	-0.37	0	0	0	0	0	0	0	0
3/13/2024 13:04	43101 SMIL_T2	9	10	1	0.86	0.78	-0.08	0	0	0	0	0	0	0	0
3/13/2024 13:05	43202 MVIL_T2	2	57	55	0.65	0.28	-0.37	0	0	0	0	0	0	0	0
3/13/2024 13:07	13503 MCMI_T2	3	9	6	0.27	0.4	0.13	0	0	0	0	0	0	0	0
3/13/2024 13:08	53602 DALM_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/13/2024 13:10	65003 NEFF_T2	5	8	3	0.38	0.4	0.02	0	0	0	0	0	0	0	0
3/13/2024 13:17	26002 WDAM_T1	2	5	3	0.3	0.56	0.26	0	0	0	0	0	0	0	0
3/13/2024 13:23	13501 MCMI_T1	0	1	1	0	0.3	0.3	0	0	0	0	0	0	0	0
3/13/2024 13:23	67001 STHI_T2	26	21	-5	0.18	0.24	0.06	0	0	0	0	0	0	0	0
3/13/2024 13:24	67002 STHI_T2	32	31	-1	0.35	0.42	0.07	0	0	0	0	0	0	0	0
3/13/2024 13:31	43202 MVIL_T2	57	10	-47	0.28	0.27	-0.01	0	0	0	0	0	0	0	0
3/13/2024 13:34	43201 MVIL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/13/2024 13:35	43201 MVIL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/13/2024 13:44	52002 LING_T2	1	1	0	0.9	0.9	0	0	0	0	0	0	0	0	0
3/13/2024 13:44	28805 LAKE_T1	1	0	-1	0.1	0	-0.1	0	0	0	0	0	0	0	0
3/13/2024 13:45	64903 MILL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/13/2024 13:46	16103 BING_T2	1	1	0	0.3	1.3	1	0	0	0	0	0	0	0	0
3/13/2024 13:46	64902 MILL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/13/2024 13:50	14403 SSLA_T1	14	19	5	0.45	0.53	0.08	0	0	0	0	0	0	0	0
3/13/2024 13:51	14402 SSLA_T1	101	171	70	0.23	0.22	-0.01	0	0	0	0	0	0	0	0
3/13/2024 13:52	45902 AUBU_T1	9	9	0	0.56	0.86	0.3	0	0	0	0	0	0	0	0
3/13/2024 13:53	45901 AUBU_T1	0	1	1	0	0.1	0.1	0	0	0	0	0	0	0	0
3/13/2024 13:53	42701 AUGU_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/13/2024 13:54	45902 AUBU_T1	9	9	0	0.56	0.86	0.3	0	0	0	0	0	0	0	0
3/13/2024 13:55	42701 AUGU_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/13/2024 13:56	45902 AUBU_T1	9	9	0	0.56	0.86	0.3	0	0	0	0	0	0	0	0
3/13/2024 14:01	63602 LETO_T1	8	11	3	0.55	0.4	-0.15	0	0	0	0	0	0	0	0
3/13/2024 14:02	15701 TANN_T1	7	11	4	1.04	0.78	-0.26	0	0	0	0	0	0	0	0
3/13/2024 14:03	43201 MVIL_T2	0	2	2	0	0.2	0.2	0	0	0	0	0	0	0	0
3/13/2024 14:04	54001 SDLE_T1	7	9	2	0.73	0.79	0.06	0	0	0	0	0	0	0	0
3/13/2024 14:05	67001 STHI_T2	63	278	215	0.14	0.15	0.01	0	0	0	0	0	0	0	0
3/13/2024 14:06	54001 SDLE_T1	7	9	2	0.73	0.79	0.06	0	0	0	0	0	0	0	0
3/13/2024 14:06	14404 SSLA_T1	138	151	13	0.27	0.27	0	0	0	0	0	0	0	0	0
3/13/2024 14:07	43001 ALWD_T1	8	9	1	0.86	0.8	-0.06	0	0	0	0	0	0	0	0
3/13/2024 14:07	45901 AUBU_T1	0	1	1	0	0.1	0.1	0	0	0	0	0	0	0	0
3/13/2024 14:07	42304 SHEN_T2	0	1	1	0	0	0	0	0	0	0	0	0	0	0
3/13/2024 14:07	43105 SMIL_T2	15	16	1	0.35	0.36	0.01	0	0	0	0	0	0	0	0
3/13/2024 14:07	17801 GILB_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/13/2024 14:07	67001 STHI_T2	63	278	215	0.14	0.15	0.01	0	0	0	0	0	0	0	0
3/13/2024 14:07	14401 SSLA_T1	28	30	2	0.41	0.44	0.03	0	0	0	0	0	0	0	0
3/13/2024 14:08	17804 GILB_T2	2	8	6	0.6	0.75	0.15	0	0	0	0	0	0	0	0
3/13/2024 14:08	13901 SEID_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/13/2024 14:08	67001 STHI_T2	63	278	215	0.14	0.15	0.01	0	0	0	0	0	0	0	0
3/13/2024 14:08	45902 AUBU_T1	9	9	0	0.76	0.77	0.01	0	0	0	0	0	0	0	0
3/13/2024 14:08	17002 RIRO_T2	13	15	2	0.38	0.3	-0.08	0	0	0	0	0	0	0	0
3/13/2024 14:09	59102 WALK_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/13/2024 14:09	67605 WARW_T1	41	48	7	0.59	0.6	0.01	0	0	0	0	0	0	0	0
3/13/2024 14:09	42701 AUGU_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/13/2024 14:09	45902 AUBU_T1	9	9	0	0.76	0.77	0.01	0	0	0	0	0	0	0	0
3/13/2024 14:10	45902 AUBU_T1	9	9	0	0.76	0.77	0.01	0	0	0	0	0	0	0	0
3/13/2024 14:10	45901 AUBU_T1	0	1	1	0	0.1	0.1	0	0	0	0	0	0	0	0
3/13/2024 14:10	59102 WALK_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/13/2024 14:11	54504 ENOL_T2	1	0	-1	0.1	0	-0.1	0	0	0	0	0	0	0	0
3/13/2024 14:11	42701 AUGU_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/13/2024 14:11	54503 ENOL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/13/2024 14:11	43001 ALWD_T1	8	9	1	0.86	0.8	-0.06	0	0	0	0	0	0	0	0
3/13/2024 14:12	45902 AUBU_T1	9	9	0	0.76	0.77	0.01	0	0	0	0	0	0	0	0
3/13/2024 14:14	50506 MECH_T1	5	8	3	0.32	0.3	-0.02	0	0	0	0	0	0	0	0
3/13/2024 14:14	54503 ENOL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/13/2024 14:14	26001 WDAM_T1	1	2	1	0.3	0.35	0.05	0	0	0	0	0	0	0	0
3/13/2024 14:15	54503 ENOL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/13/2024 14:15	54501 ENOL_T2	6	1	-5	0.63	0.2	-0.43	0	0	0	0	0	0	0	0
3/13/2024 14:15	54504 ENOL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/13/2024 14:15	58402 MORO_T1	1	5	4	0.3	0.34	0.04	0	0	0	0	0	0	0	0
3/13/2024 14:15	59003 MIFF_T1	1	6	5	0.2	0.43	0.23	0	0	0	0	0	0	0	0
3/13/2024 14:16	54504 ENOL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/13/2024 14:16	57401 SPAN_T1	6	2	-4	0.72	1.35	0.63	0	0	0	0	0	0	0	0
3/13/2024 14:16	46803 HEPB_T2	3	4	1	0.43	0.43	0	0	0	0	0	0	0	0	0
3/13/2024 14:16	50501 MECH_T1	4	4	0	1.7	1.8	0.1	0	0	0	0	0	0	0	0
3/13/2024 14:16	13503 MCMI_T2	9	14	5	0.43	0.43	0	0	0	0	0	0	0	0	0
3/13/2024 14:17	65003 NEFF_T2	1	1	0	0.8	1.1	0.3	0	0	0	0	0	0	0	0
3/13/2024 14:17	13503 MCMI_T2	9	14	5	0.43	0.43	0	0	0	0	0	0	0	0	0
3/13/2024 14:17	59402 RFLD_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/13/2024 14:17	25501 MADI_T1	2	2	0	0.65	0.5	-0.15	0	0	0	0	0	0	0	0
3/13/2024 14:18	13502 MCMI_T1	4	13	9	0.25	0.18	-0.07	0	0	0	0	0	0	0	0
3/13/2024 14:18	50502 MECH_T1	2	1	-1	1.35	3	1.65	0	0	0	0	0	0	0	0
3/13/2024 14:18	58402 MORO_T1	1	5	4	0.3	0.34	0.04	0	0	0	0	0	0	0	0
3/13/2024 14:19	50506 MECH_T1	8	72	64	0.3	0.11	-0.19	0	0	0	0	0	0	0	0
3/13/2024 14:20	58401 MORO_T1	1	7	6	0.1	0.34	0.24	0	0	0	0	0	0	0	0
3/13/2024 14:20	42202 SHEN_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/13/2024 14:20	52503 PROG_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/13/2024 14:21	67401 WAKE_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/13/2024 14:22	14401 SSLA_T1	29	22	-7	0.45	0.45	0	0	0	0	0	0	0	0	0
3/13/2024 14:22	67401 WAKE_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/13/2024 14:22	45901 AUBU_T1	1	0	-1	0.1	0	-0.1	0	0	0	0	0	0	0	0
3/13/2024 14:22	43001 ALWD_T1	8	9	1	0.89	0.79	-0.1	0	0	0	0	0	0	0	0
3/13/2024 14:23	65003 NEFF_T2	10	10	0	0.41	0.39	-0.02	0	0	0	0	0	0	0	0
3/13/2024 14:23	17803 GILB_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/13/2024 14:23	42203 SHEN_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/13/2024 14:23	45902 AUBU_T1	9	4	-5	0.77	0.88	0.11	0	0	0	0	0	0	0	0
3/13/2024 14:24	60801 BUCK_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/13/2024 14:24	67401 WAKE_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/13/2024 14:24	17002 RIRO_T2	10	17	7	0.27	0.27	0	0	0	0	0	0	0	0	0
3/13/2024 14:24	45901 AUBU_T1	1	0	-1	0.1	0	-0.1	0	0	0	0	0	0	0	0
3/13/2024 14:25	27502 WEIS_T2	0	1	1	0	0.1	0.1	0	0	0	0	0	0	0	0
3/13/2024 14:25	45901 AUBU_T1	1	0	-1	0.1	0	-0.1	0	0	0	0	0	0	0	0
3/13/2024 14:25	60102 COCA_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/13/2024 14:26	45902 AUBU_T1	9	4	-5	0.77	0.88	0.11	0	0	0	0	0	0	0	0
3/13/2024 14:26	54506 ENOL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/13/2024 14:26	43001 ALWD_T1	8	9	1	0.89	0.79	-0.1	0	0	0	0	0	0	0	0
3/13/2024 14:26	60803 BUCK_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/13/2024 14:27	28701 HAML_T2	3	5	2	0.53	0.4	-0.13	0	0	0	0	0	0	0	0
3/13/2024 14:27	28703 HAML_T2	3	3	0	0.9	0.97	0.07	0	0	0	0	0	0	0	0
3/13/2024 14:28	54504 ENOL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/13/2024 14:28	64303 LINC_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/13/2024 14:28	60102 COCA_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/13/2024 14:28	58401 MORO_T1	1	7	6	0.1	0.34	0.24	0	0	0	0	0	0	0	0
3/13/2024 14:29	50502 MECH_T1	2	1	-1	1.35	3	1.65	0	0	0	0	0	0	0	0
3/13/2024 14:29	46803 HEPB_T2	3	4	1	0.43	0.43	0	0	0	0	0	0	0	0	0
3/13/2024 14:29	57403 SPAN_T1	174	165	-9	0.34	0.38	0.04	0	0	0	0	0	0	0	0
3/13/2024 14:30	26002 WDAM_T1	5	7	2	0.64	0.87	0.23	0	0	0	0	0	0	0	0
3/13/2024 14:30	54501 ENOL_T2	0	1	1	0	0.2	0.2	0	0	0	0	0	0	0	0
3/13/2024 14:30	59001 MIFF_T1	0	2	2	0	0.15	0.15	0	0	0	0	0	0	0	0
3/13/2024 14:30	13502 MCMI_T1	10	10	0	0.21	0.19	-0.02	0	0	0	0	0	0	0	0
3/13/2024 14:31	13501 MCMI_T1	2	1	-1	0.25	0.2	-0.05	0	0	0	0	0	0	0	0
3/13/2024 14:31	52006 LING_T2	3	3	0	0.43	0.7	0.27	0	0	0	0	0	0	0	0
3/13/2024 14:31	64301 LINC_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/13/2024 14:31	13503 MCMI_T2	13	13	0	0.42	0.45	0.03	0	0	0	0	0	0	0	0
3/13/2024 14:31	57403 SPAN_T1	28	164	136	0.22	0.38	0.16	0	0	0	0	0	0	0	0
3/13/2024 14:32	43201 MVIL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/13/2024 14:32	64203 KINZ_T1	0	1	1	0	0.1	0.1	0	0	0	0	0	0	0	0
3/13/2024 14:32	65001 NEFF_T2	4	9	5	0.13	0.12	-0.01	0	0	0	0	0	0	0	0
3/13/2024 14:32	25502 MADI_T1	1	2	1	0.6	0.55	-0.05	0	0	0	0	0	0	0	0
3/13/2024 14:32	13503 MCMI_T2	13	13	0	0.42	0.45	0.03	0	0	0	0	0	0	0	0
3/13/2024 14:32	42001 MNVL_T2	47	11	-36	0.2	0.35	0.15	0	0	0	0	0	0	0	0
3/13/2024 14:33	42002 MNVL_T2	1	1	0	6.9	6.5	-0.4	0	0	0	0	0	0	0	0
3/13/2024 14:34	52004 LING_T2	5	9	4	0.8	0.61	-0.19	0	0	0	0	0	0	0	0
3/13/2024 14:34	58402 MORO_T1	1	5	4	0.5	0.34	-0.16	0	0	0	0	0	0	0	0
3/13/2024 14:34	58402 MORO_T1	1	5	4	0.5	0.34	-0.16	0	0	0	0	0	0	0	0
3/13/2024 14:34	13501 MCMI_T1	2	1	-1	0.25	0.2	-0.05	0	0	0	0	0	0	0	0
3/13/2024 14:34	43201 MVIL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/13/2024 14:35	59102 WALK_T2	0	3	3	0	0.47	0.47	0	0	0	0	0	0	0	0
3/13/2024 14:35	17002 RIRO_T2	15	11	-4	0.29	0.32	0.03	0	0	0	0	0	0	0	0
3/13/2024 14:36	59102 WALK_T2	0	3	3	0	0.47	0.47	0	0	0	0	0	0	0	0
3/13/2024 14:36	47403 PENS_T1	7	9	2	0.96	0.82	-0.14	0	0	0	0	0	0	0	0
3/13/2024 14:36	42801 SELI_T1	1	1	0	0.1	0.4	0.3	0	0	0	0	0	0	0	0
3/13/2024 14:37	47403 PENS_T1	7	9	2	0.96	0.82	-0.14	0	0	0	0	0	0	0	0
3/13/2024 14:37	67401 WAKE_T2	0	4	4	0	0.15	0.15	0	0	0	0	0	0	0	0
3/13/2024 14:37	42803 SELI_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/13/2024 14:37	14401 SSLA_T1	19	23	4	0.47	0.41	-0.06	0	0	0	0	0	0	0	0
3/13/2024 14:37	43001 ALWD_T1	9	15	6	0.77	0.55	-0.22	0	0	0	0	0	0	0	0
3/13/2024 14:38	14401 SSLA_T1	19	23	4	0.47	0.41	-0.06	0	0	0	0	0	0	0	0
3/13/2024 14:38	45901 AUBU_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/13/2024 14:38	43102 SMIL_T2	8	10	2	0.78	0.78	0	0	0	0	0	0	0	0	0
3/13/2024 14:38	43001 ALWD_T1	9	15	6	0.77	0.55	-0.22	0	0	0	0	0	0	0	0
3/13/2024 14:38	59102 WALK_T2	0	3	3	0	0.47	0.47	0	0	0	0	0	0	0	0
3/13/2024 14:39	14402 SSLA_T1	145	138	-7	0.22	0.22	0	0	0	0	0	0	0	0	0
3/13/2024 14:39	60701 BRIC_T1	2	9	7	0.1	0.52	0.42	0	0	0	0	0	0	0	0
3/13/2024 14:40	13901 SEID_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/13/2024 14:40	60801 BUCK_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/13/2024 14:40	67402 WAKE_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/13/2024 14:40	45902 AUBU_T1	4	4	0	0.63	0.88	0.25	0	0	0	0	0	0	0	0
3/13/2024 14:40	56801 BENV_T1	39	40	1	1.09	1.23	0.14	0	0	0	0	0	0	0	0
3/13/2024 14:40	44802 EDAN_T2	1	2	1	0.4	0.3	-0.1	0	0	0	0	0	0	0	0
3/13/2024 14:41	54501 ENOL_T2	0	1	1	0	0.2	0.2	0	0	0	0	0	0	0	0
3/13/2024 14:41	45901 AUBU_T1	0

3/13/2024 14:48	13501 MCMI_T1	1	3	2	0.2	0.37	0.17	0	0	0	0	0	0	0	0
3/13/2024 14:49	58401 MORO_T1	7	1	-6	0.3	0.1	-0.2	0	0	0	0	0	0	0	0
3/13/2024 14:49	66505 SMAN_T2	3	0	-3	0.13	0	-0.13	0	0	0	0	0	0	0	0
3/13/2024 14:49	13502 MCMI_T1	8	10	2	0.2	0.18	-0.02	0	0	0	0	0	0	0	0
3/13/2024 14:49	42802 SELI_T1	1	0	-1	0.1	0	-0.1	0	0	0	0	0	0	0	0
3/13/2024 14:49	42901 MIDD_T2	2	1	-1	0.45	0.2	-0.25	0	0	0	0	0	0	0	0
3/13/2024 14:49	13302 ORVI_T2	2	2	0	0.45	0.6	0.15	0	0	0	0	0	0	0	0
3/13/2024 14:50	58402 MORO_T1	5	1	-4	0.34	0	-0.34	0	0	0	0	0	0	0	0
3/13/2024 14:50	42803 SELI_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/13/2024 14:50	67001 STHI_T2	320	331	11	0.18	0.18	0	0	0	0	0	0	0	0	0
3/13/2024 14:50	43202 MVIL_T2	9	85	76	0.24	0.41	0.17	0	0	0	0	0	0	0	0
3/13/2024 14:51	42803 SELI_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/13/2024 14:51	54503 ENOL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/13/2024 14:51	43103 SMIL_T2	26	29	3	1.03	1.16	0.13	0	0	0	0	0	0	0	0
3/13/2024 14:51	60501 NMAN_T2	16	5	-11	1.21	3.36	2.15	0	0	0	0	0	0	0	0
3/13/2024 14:52	67001 STHI_T2	320	331	11	0.18	0.18	0	0	0	0	0	0	0	0	0
3/13/2024 14:53	15204 SFAR_T2	1	1	0	0.3	0.5	0.2	0	0	0	0	0	0	0	0
3/13/2024 14:53	20402 ASHF_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/13/2024 14:54	67002 STHI_T2	80	75	-5	0.18	0.23	0.05	0	0	0	0	0	0	0	0
3/13/2024 14:56	43001 ALWD_T1	7	27	20	0.89	0.37	-0.52	0	0	0	0	0	0	0	0
3/13/2024 14:58	11506 FREE_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/13/2024 15:00	65003 NEFF_T2	7	7	0	0.43	0.36	-0.07	0	0	0	0	0	0	0	0
3/13/2024 15:01	26002 WDAM_T1	6	7	1	0.75	0.81	0.06	0	0	0	0	0	0	0	0
3/13/2024 15:02	58401 MORO_T1	1	0	-1	0.1	0	-0.1	0	0	0	0	0	0	0	0
3/13/2024 15:02	47401 PENS_T1	69	79	10	0.37	0.43	0.06	0	0	0	0	0	0	0	0
3/13/2024 15:03	58401 MORO_T1	1	0	-1	0.1	0	-0.1	0	0	0	0	0	0	0	0
3/13/2024 15:03	47402 PENS_T1	2	2	0	1	0.9	-0.1	0	0	0	0	0	0	0	0
3/13/2024 15:04	42002 MNVL_T2	1	2	1	6.5	3.2	-3.3	0	0	0	0	0	0	0	0
3/13/2024 15:05	41902 REED_T1	0	2	2	0	0.25	0.25	0	0	0	0	0	0	0	0
3/13/2024 15:05	55001 NEWP_T1	41	36	-5	0.36	0.33	-0.03	0	0	0	0	0	0	0	0
3/13/2024 15:06	17805 GILB_T2	4	4	0	0.45	0.4	-0.05	0	0	0	0	0	0	0	0
3/13/2024 15:06	41903 REED_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/13/2024 15:07	43001 ALWD_T1	15	26	11	0.55	0.36	-0.19	0	0	0	0	0	0	0	0
3/13/2024 15:07	27503 WEIS_T2	1	7	6	0.3	0.47	0.17	0	0	0	0	0	0	0	0
3/13/2024 15:07	16302 ALPA_T2	0	1	1	0	0.2	0.2	0	0	0	0	0	0	0	0
3/13/2024 15:07	24901 WHHA_T1	1	1	0	0.9	1.2	0.3	0	0	0	0	0	0	0	0
3/13/2024 15:09	20402 ASHF_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/13/2024 15:09	16302 ALPA_T2	0	1	1	0	0.2	0.2	0	0	0	0	0	0	0	0
3/13/2024 15:10	59102 WALK_T2	3	3	0	0.47	0.27	-0.2	0	0	0	0	0	0	0	0
3/13/2024 15:11	16302 ALPA_T2	0	1	1	0	0.2	0.2	0	0	0	0	0	0	0	0
3/13/2024 15:12	16302 ALPA_T2	0	1	1	0	0.2	0.2	0	0	0	0	0	0	0	0
3/13/2024 15:13	62601 ENGL_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/13/2024 15:14	28703 HAML_T2	3	4	1	1.23	1.18	-0.05	0	0	0	0	0	0	0	0
3/13/2024 15:16	40902 JESH_T1	2	3	1	0.25	0.17	-0.08	0	0	0	0	0	0	0	0
3/13/2024 15:19	43201 MVIL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/13/2024 15:20	14404 SSLA_T1	111	163	52	0.25	0.27	0.02	0	0	0	0	0	0	0	0
3/13/2024 15:20	43201 MVIL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/13/2024 15:21	41902 REED_T1	2	2	0	0.25	0.2	-0.05	0	0	0	0	0	0	0	0
3/13/2024 15:23	67401 WAKE_T2	1	7	6	0.2	0.29	0.09	0	0	0	0	0	0	0	0
3/13/2024 15:27	52401 GRPA_T2	3	3	0	0.63	0.8	0.17	0	0	0	0	0	0	0	0
3/13/2024 15:29	50501 MECH_T1	4	4	0	1.43	1.6	0.17	0	0	0	0	0	0	0	0
3/13/2024 15:30	43202 MVIL_T2	1	88	87	0.9	0.53	-0.37	0	0	0	0	0	0	0	0
3/13/2024 15:30	52402 GRPA_T2	77	44	-33	0.34	0.41	0.07	0	0	0	0	0	0	0	0
3/13/2024 15:34	42203 SHEN_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/13/2024 15:34	13503 MCMI_T2	6	11	5	0.47	0.32	-0.15	0	0	0	0	0	0	0	0
3/13/2024 15:37	53101 WTWN_T1	2	1	-1	0.4	0.2	-0.2	0	0	0	0	0	0	0	0
3/13/2024 15:38	56803 BENV_T1	7	10	3	0.41	0.65	0.24	0	0	0	0	0	0	0	0
3/13/2024 15:38	67402 WAKE_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/13/2024 15:38	42201 SHEN_T2	4	4	0	0.8	0.65	-0.15	0	0	0	0	0	0	0	0
3/13/2024 15:39	56801 BENV_T1	36	39	3	0.96	1.13	0.17	0	0	0	0	0	0	0	0
3/13/2024 15:40	10701 CATA_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/13/2024 15:44	54506 ENOL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/13/2024 15:45	54502 ENOL_T2	1	1	0	0.5	0.5	0	0	0	0	0	0	0	0	0
3/13/2024 15:45	63404 HONY_T1	6	3	-3	0.2	0.13	-0.07	0	0	0	0	0	0	0	0
3/13/2024 15:46	54503 ENOL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/13/2024 15:47	40602 PIGR_T1	1	1	0	0.3	0	-0.3	0	0	0	0	0	0	0	0
3/13/2024 15:49	59002 MIFF_T1	6	5	-1	0.35	0.48	0.13	0	0	0	0	0	0	0	0
3/13/2024 15:50	48303 ORWI_T2	2	2	0	0.45	0.5	0.05	0	0	0	0	0	0	0	0
3/13/2024 15:52	14401 SSLA_T1	28	25	-3	0.39	0.44	0.05	0	0	0	0	0	0	0	0
3/13/2024 15:52	65003 NEFF_T2	15	7	-8	0.23	0.34	0.11	0	0	0	0	0	0	0	0
3/13/2024 15:53	45901 AUBU_T1	1	0	-1	0.2	0	-0.2	0	0	0	0	0	0	0	0
3/13/2024 15:56	20601 GRWO_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/13/2024 15:57	46001 BERW_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/13/2024 15:58	46005 BERW_T1	1	1	0	0.5	0.4	-0.1	0	0	0	0	0	0	0	0
3/13/2024 16:00	57401 SPAN_T1	2	2	0	0.8	1.05	0.25	0	0	0	0	0	0	0	0
3/13/2024 16:03	50502 MECH_T1	4	1	-3	0.88	2.9	2.02	0	0	0	0	0	0	0	0
3/13/2024 16:03	50107 HARR_T3	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/13/2024 16:08	17804 GILB_T2	5	6	1	0.64	0.52	-0.12	0	0	0	0	0	0	0	0
3/13/2024 16:08	14402 SSLA_T1	141	120	-21	0.22	0.22	0	0	0	0	0	0	0	0	0
3/13/2024 16:08	42202 SHEN_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/13/2024 16:09	17804 GILB_T2	5	6	1	0.64	0.52	-0.12	0	0	0	0	0	0	0	0
3/13/2024 16:10	17803 GILB_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/13/2024 16:40	65004 NEFF_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/13/2024 16:45	50506 MECH_T1	530	394	-136	0.17	0.18	0.01	0	0	0	0	0	0	0	0
3/13/2024 16:46	50502 MECH_T1	3	3	0	1.3	1.2	-0.1	0	0	0	0	0	0	0	0
3/13/2024 16:47	50506 MECH_T1	530	394	-136	0.17	0.18	0.01	0	0	0	0	0	0	0	0
3/13/2024 16:49	50502 MECH_T1	3	3	0	1.3	1.2	-0.1	0	0	0	0	0	0	0	0
3/13/2024 17:03	50503 MECH_T1	135	66	-69	0.2	0.13	-0.07	0	0	0	0	0	0	0	0
3/13/2024 17:06	65005 NEFF_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/13/2024 17:08	13502 MCMI_T1	4	6	2	0.2	0.13	-0.07	0	0	0	0	0	0	0	0
3/13/2024 17:47	54502 ENOL_T2	1	1	0	0.5	0.4	-0.1	0	0	0	0	0	0	0	0
3/13/2024 17:48	65002 NEFF_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/13/2024 17:51	52402 GRPA_T2	4	4	0	1.4	1.85	0.45	0	0	0	0	0	0	0	0
3/13/2024 18:14	65002 NEFF_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/13/2024 18:46	65003 NEFF_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/13/2024 19:38	65004 NEFF_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/13/2024 20:11	56802 BENV_T2	1	10	9	0.3	0.22	-0.08	0	0	0	0	0	0	0	0
3/13/2024 20:13	56802 BENV_T2	1	10	9	0.3	0.22	-0.08	0	0	0	0	0	0	0	0
3/13/2024 20:32	26402 INOR_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/13/2024 20:48	47002 HUGH_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/13/2024 20:51	59402 RFLD_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/13/2024 20:52	65004 NEFF_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/13/2024 21:03	17002 RIRO_T2	1	16	15	0.1	0.15	0.05	0	0	0	0	0	0	0	0
3/13/2024 21:04	29401 BELT_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/13/2024 21:06	28701 HAML_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/13/2024 21:06	26401 INOR_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/13/2024 21:07	15701 TANN_T1	13	35	22	0.55	0.3	-0.25	0	0	0	0	0	0	0	0
3/13/2024 21:07	29402 BELT_T1	1	1	0	7.2	7.3	0.1	0	0	0	0	0	0	0	0
3/13/2024 21:07	17802 GILB_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/13/2024 21:07	13502 MCMI_T1	2	0	-2	0.1	0	-0.1	0	0	0	0	0	0	0	0
3/13/2024 21:08	29402 BELT_T1	1	1	0	7.2	7.3	0.1	0	0	0	0	0	0	0	0
3/13/2024 21:08	29401 BELT_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/13/2024 21:08	10805 CHHI_T2	1	1	0	7.5	7.3	-0.2	0	0	0	0	0	0	0	0
3/13/2024 21:09	20601 GRWO_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/13/2024 21:09	62607 ENGL_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/13/2024 21:09	13502 MCMI_T1	2	0	-2	0.1	0	-0.1	0	0	0	0	0	0	0	0
3/13/2024 21:09	27502 WEIS_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/13/2024 21:09	29401 BELT_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/13/2024 21:10	13502 MCMI_T1	2	0	-2	0.1	0	-0.1	0	0	0	0	0	0	0	0
3/13/2024 21:10	17804 GILB_T2	11	14	3	0.12	0.16	0.04	0	0	0	0	0	0	0	0
3/13/2024 21:10	29402 BELT_T1	1	1	0	7.2	7.3	0.1	0	0	0	0	0	0	0	0
3/13/2024 21:10	28803 LAKE_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/13/2024 21:10	13503 MCMI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/13/2024 21:11	23902 EFMO_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/13/2024 21:11	28701 HAML_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/13/2024 21:11	29401 BELT_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/13/2024 21:11	12704 MACU_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/13/2024 21:12	62605 ENGL_T1	0	2	2	0	0.1	0.1	0	0	0	0	0	0	0	0
3/13/2024 21:12	14404 SSLA_T1	172	273	101	0.24	0.27	0.03	0	0	0	0	0	0	0	0
3/13/2024 21:12	42601 TUSC_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/13/2024 21:12	46101 MACI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/13/2024 21:12	45901 AUBU_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/13/2024 21:12	20403 ASHF_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/13/2024 21:13	46203 DANV_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/13/2024 21:13	44802 EDAN_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/13/2024 21:13	17804 GILB_T2	11	14	3	0.12	0.16	0.04	0	0	0	0	0	0	0	0
3/13/2024 21:13	66504 SMAN_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/13/2024 21:13	45902 AUBU_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/13/2024 21:13	13302 ORVI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/13/2024 21:13	67002 STHI_T2	95	208	113	0.18	0.19	0.01	0	0	0	0	0	0	0	0
3/13/2024 21:14	29401 BELT_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/13/2024 21:14	60101 COCA_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/13/2024 21:14	24902 WHHA_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/13/2024 21:14	67605 WARW_T1	33	42	9	0.66	0.71	0.05	0	0	0	0	0	0	0	0
3/13/2024 21:14	60701 BREC_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/13/2024 21:14	26001 WDAM_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/13/2024 21:14	59102 WALK_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/13/2024 21:14	45902 AUBU_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/13/2024 21:14	67001 STHI_T2	425	525	100	0.26	0.32	0.06	0	0	0	0	0	0	0	0
3/13/2024 21:14	56802 BENV_T2	10	11	1	0.32	0.35	0.03	0	0	0	0	0	0	0	0
3/13/2024 21:14	13503 MCMI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/13/2024 21:15	52503 PROG_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/13/2024 21:15	55001 NEWP_T1	31	31	0	0.21	0.2	-0.01	0	0	0	0	0	0	0	0
3/13/2024 21:15	52402 GRPA_T2	12	16	4	0.82	0.88	0.06	0	0	0	0	0	0	0	0
3/13/2024 21:15	63404 HONY_T1	0	12	12	0	0.13	0.13	0	0	0	0	0	0	0	0
3/13/2024 21:15	48303 ORWI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/13/2024 21:15	45901 AUBU_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/13/2024 21:15	67401 WAKE_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/13/2024 21:15	15001 BLMO_T1	4	4	0	0.18	0.38	0.2	0	0	0	0	0	0	0	0
3/13/2024 21:15	45902 AUBU_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/13/2024 21:15	41801 GOCI_T2	80	150	70	0.22	0.29	0.07	0	0	0	0	0	0	0	0
3/13/2024 21:15	44601 SALE_T2	1	1	0	0.7	0.8	0.1	0	0	0	0	0	0	0	0
3/13/2024 21:15	13503 MCMI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/13/2024 21:16	15104 UPHA_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/13/2024 21:16	46701 RENO_T1	9	14	5	1.04	0.74	-0.3	0	0	0	0	0	0	0	0
3/13/2024 21:16	23901 EFMO_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/13/2024 21:16	28803 LAKE_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/13/2024 21:16	41802 GOCI_T2	25	32	7	0.46	0.46	0	0	0	0	0	0	0	0	0
3/13/2024 21:16	45501 DERR_T2	2	1	-1	0.1	0.5	0.4	0	0	0	0	0	0	0	0
3/13/2024 21:16	63602 LETO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/13/2024 21:16	52004 LING_T2	1	1	0	0.1	0.2	0.1	0	0	0	0	0	0	0	0
3/13/2024 21:16	12701 MACU_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/13/2024 21:16	54501 ENOL_T2	3	4	1	0.2	0.23	0.03	0	0	0	0	0	0	0	0
3/13/2024 21:16	60102 COCA_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/13/2024 21:16	15001 BLMO_T1	4	4	0	0.18	0.38	0.2	0	0	0	0	0	0	0	0
3/13/2024 21:16	20401 ASHF_T2	0	3	3	0	0.17	0.17	0	0	0	0	0	0	0	0
3/13/2024 21:16	55002 NEWP_T1	5	5	0	1.12	1.24	0.12	0	0	0	0	0	0	0	0
3/13/2024 21:16	67001 STHI_T2	521	598	77	0.32	0.33	0.01	0	0	0	0	0	0	0	0
3/13/2024 21:16	59102 WALK_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/13/2024 21:16	43101 SMIL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/13/2024 21:16	64202 KINZ_T1	15	26	11	0.26	0.31	0.05	0	0	0	0	0	0	0	0
3/13/2024 21:16	46201 DANV_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/13/2024 21:16	13503 MCMI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/13/2024 21:16

3/13/2024 21:19	52006 LING_T2	3	3	0	1.2	1.1	-0.1	0	0	0	0	0	0	0
3/13/2024 21:19	50504 MECH_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
3/13/2024 21:19	57301 MOAL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
3/13/2024 21:19	62604 ENGL_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
3/13/2024 21:19	44601 SALE_T2	1	1	0	0.7	0.8	0.1	0	0	0	0	0	0	0
3/13/2024 21:19	28601 BLYT_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
3/13/2024 21:19	41602 CLEV_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
3/13/2024 21:19	20403 ASHF_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
3/13/2024 21:19	42802 SELI_T1	1	1	0	0.4	0.9	0.5	0	0	0	0	0	0	0
3/13/2024 21:19	15001 BLMO_T1	4	4	0	0.18	0.38	0.2	0	0	0	0	0	0	0
3/13/2024 21:19	43202 MVIL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
3/13/2024 21:19	52404 GRPA_T2	1	1	0	1	1.2	0.2	0	0	0	0	0	0	0
3/13/2024 21:19	46203 DANV_T2	0	4	4	0	0.13	0.13	0	0	0	0	0	0	0
3/13/2024 21:19	23902 EFMO_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
3/13/2024 21:19	46702 RENO_T1	2	10	8	0.15	0.11	-0.04	0	0	0	0	0	0	0
3/13/2024 21:19	60803 BUCK_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
3/13/2024 21:19	45901 AUBU_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
3/13/2024 21:19	29401 BELT_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
3/13/2024 21:19	67502 WEWI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
3/13/2024 21:19	42701 AUGU_T1	0	1	1	0	0.2	0.2	0	0	0	0	0	0	0
3/13/2024 21:19	43201 MVIL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
3/13/2024 21:20	60502 NMAN_T2	0	4	4	0	0.1	0.1	0	0	0	0	0	0	0
3/13/2024 21:20	59302 MCAL_T1	1	1	0	0.6	0.8	0.2	0	0	0	0	0	0	0
3/13/2024 21:20	46003 BERW_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
3/13/2024 21:20	59102 WALK_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
3/13/2024 21:20	67203 TEHI_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
3/13/2024 21:20	42201 SHEN_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
3/13/2024 21:20	40902 JESH_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
3/13/2024 21:20	54506 ENOL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
3/13/2024 21:20	62602 ENGL_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
3/13/2024 21:20	54505 ENOL_T2	1	1	0	1.3	1.3	0	0	0	0	0	0	0	0
3/13/2024 21:20	67603 WARW_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
3/13/2024 21:20	59302 MCAL_T1	1	1	0	0.6	0.8	0.2	0	0	0	0	0	0	0
3/13/2024 21:20	59001 MIFF_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
3/13/2024 21:20	53901 HAU_T2	14	10	-4	0.32	0.31	-0.01	0	0	0	0	0	0	0
3/13/2024 21:20	67502 WEWI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
3/13/2024 21:20	47403 PENS_T1	9	1	-8	0.11	0.1	-0.01	0	0	0	0	0	0	0
3/13/2024 21:20	40602 PIGR_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
3/13/2024 21:20	57401 SPAN_T1	2	2	0	1.05	1.05	0	0	0	0	0	0	0	0
3/13/2024 21:20	56803 BENV_T1	5	5	0	0.88	0.46	-0.42	0	0	0	0	0	0	0
3/13/2024 21:21	47402 PENS_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
3/13/2024 21:21	54501 ENOL_T2	3	4	1	0.2	0.23	0.03	0	0	0	0	0	0	0
3/13/2024 21:21	64301 LINC_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
3/13/2024 21:21	54001 SDLE_T1	2	2	0	0.85	0.7	-0.15	0	0	0	0	0	0	0
3/13/2024 21:21	14401 SSLA_T1	54	120	66	0.19	0.19	0	0	0	0	0	0	0	0
3/13/2024 21:21	54503 ENOL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
3/13/2024 21:21	54502 ENOL_T2	0	1	1	0	0.3	0.3	0	0	0	0	0	0	0
3/13/2024 21:21	41602 CLEV_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
3/13/2024 21:21	60801 BUCK_T1	3	0	-3	0.83	0	-0.83	0	0	0	0	0	0	0
3/13/2024 21:21	42802 SELI_T1	1	1	0	0.4	0.9	0.5	0	0	0	0	0	0	0
3/13/2024 21:21	55001 NEWP_T1	31	31	0	0.21	0.2	-0.01	0	0	0	0	0	0	0
3/13/2024 21:21	52401 GRPA_T2	1	1	0	0.5	0.7	0.2	0	0	0	0	0	0	0
3/13/2024 21:21	43202 MVIL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
3/13/2024 21:21	52401 GRPA_T2	1	1	0	0.5	0.7	0.2	0	0	0	0	0	0	0
3/13/2024 21:21	43001 ALWD_T1	40	39	-1	0.22	0.25	0.03	0	0	0	0	0	0	0
3/13/2024 21:21	56802 BENV_T2	11	39	28	0.33	0.19	-0.14	0	0	0	0	0	0	0
3/13/2024 21:22	54505 ENOL_T2	1	1	0	1.3	1.3	0	0	0	0	0	0	0	0
3/13/2024 21:22	67401 WAKE_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
3/13/2024 21:22	54506 ENOL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
3/13/2024 21:22	67002 STHI_T2	198	312	114	0.19	0.23	0.04	0	0	0	0	0	0	0
3/13/2024 21:22	43201 MVIL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
3/13/2024 21:22	57303 MOAL_T2	1	1	0	6.9	6.7	-0.2	0	0	0	0	0	0	0
3/13/2024 21:22	57403 SPAN_T1	0	8	8	0	0.16	0.16	0	0	0	0	0	0	0
3/13/2024 21:22	43001 ALWD_T1	40	39	-1	0.22	0.25	0.03	0	0	0	0	0	0	0
3/13/2024 21:22	46803 HEPB_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
3/13/2024 21:22	40601 PIGR_T1	150	142	-8	0.25	0.24	-0.01	0	0	0	0	0	0	0
3/13/2024 21:22	50504 MECH_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
3/13/2024 21:22	42803 SELI_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
3/13/2024 21:22	56802 BENV_T2	11	39	28	0.33	0.19	-0.14	0	0	0	0	0	0	0
3/13/2024 21:22	45402 WILO_T2	63	88	25	0.33	0.41	0.08	0	0	0	0	0	0	0
3/13/2024 21:22	42701 AUGU_T1	0	1	1	0	0.2	0.2	0	0	0	0	0	0	0
3/13/2024 21:23	44802 EDAN_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
3/13/2024 21:23	42901 MIDD_T2	152	146	-6	0.27	0.27	0	0	0	0	0	0	0	0
3/13/2024 21:23	52404 GRPA_T2	1	1	0	1	1.2	0.2	0	0	0	0	0	0	0
3/13/2024 21:23	46803 HEPB_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
3/13/2024 21:23	13902 SEID_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
3/13/2024 21:23	50107 HABR_T3	0	0	0	0	0	0	0	0	0	0	0	0	0
3/13/2024 21:23	54505 ENOL_T2	1	1	0	1.3	1.3	0	0	0	0	0	0	0	0
3/13/2024 21:23	53102 WTWN_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
3/13/2024 21:23	54503 ENOL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
3/13/2024 21:23	54502 ENOL_T2	0	1	1	0	0.3	0.3	0	0	0	0	0	0	0
3/13/2024 21:23	42801 SELI_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
3/13/2024 21:23	14402 SSLA_T1	337	458	121	0.34	0.39	0.05	0	0	0	0	0	0	0
3/13/2024 21:23	41901 REED_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
3/13/2024 21:23	52401 GRPA_T2	1	1	0	0.5	0.7	0.2	0	0	0	0	0	0	0
3/13/2024 21:23	64801 MONE_T2	170	249	79	0.38	0.42	0.04	0	0	0	0	0	0	0
3/13/2024 21:23	46001 BERW_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
3/13/2024 21:23	41801 GOCI_T2	80	150	70	0.22	0.29	0.07	0	0	0	0	0	0	0
3/13/2024 21:23	65002 NEFF_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
3/13/2024 21:23	59102 WALK_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
3/13/2024 21:23	45402 WILO_T2	63	88	25	0.33	0.41	0.08	0	0	0	0	0	0	0
3/13/2024 21:24	41901 REED_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
3/13/2024 21:24	47403 PENS_T1	9	1	-8	0.11	0.1	-0.01	0	0	0	0	0	0	0
3/13/2024 21:24	40101 HUNT_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
3/13/2024 21:24	40901 JESH_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
3/13/2024 21:24	58401 MORO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
3/13/2024 21:24	57401 SPAN_T1	2	2	0	1.05	1.05	0	0	0	0	0	0	0	0
3/13/2024 21:24	42803 SELI_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
3/13/2024 21:24	67203 TEHI_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
3/13/2024 21:24	67402 WAKE_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
3/13/2024 21:25	50505 MECH_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
3/13/2024 21:25	54502 ENOL_T2	0	1	1	0	0.3	0.3	0	0	0	0	0	0	0
3/13/2024 21:25	56801 BENV_T1	20	15	-5	0.7	0.57	-0.13	0	0	0	0	0	0	0
3/13/2024 21:25	46702 RENO_T1	2	10	8	0.15	0.11	-0.04	0	0	0	0	0	0	0
3/13/2024 21:25	43001 ALWD_T1	40	39	-1	0.22	0.25	0.03	0	0	0	0	0	0	0
3/13/2024 21:25	40201 BEGA_T2	1	2	1	0.1	0.1	0	0	0	0	0	0	0	0
3/13/2024 21:25	58401 MORO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
3/13/2024 21:25	56802 BENV_T2	11	39	28	0.33	0.19	-0.14	0	0	0	0	0	0	0
3/13/2024 21:26	52401 GRPA_T2	1	1	0	0.5	0.7	0.2	0	0	0	0	0	0	0
3/13/2024 21:26	47403 PENS_T1	9	1	-8	0.11	0.1	-0.01	0	0	0	0	0	0	0
3/13/2024 21:26	54504 ENOL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
3/13/2024 21:26	58402 MORO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
3/13/2024 21:26	17804 GILB_T2	14	21	7	0.16	0.16	0	0	0	0	0	0	0	0
3/13/2024 21:27	46204 DANV_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
3/13/2024 21:27	67402 WAKE_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
3/13/2024 21:27	42802 SELI_T1	1	1	0	0.4	0.9	0.5	0	0	0	0	0	0	0
3/13/2024 21:27	40101 HUNT_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
3/13/2024 21:27	58402 MORO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
3/13/2024 21:28	59101 WALK_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
3/13/2024 21:28	44801 EDAN_T2	1	2	1	0.5	0.3	-0.2	0	0	0	0	0	0	0
3/13/2024 21:28	52402 GRPA_T2	12	16	4	0.82	0.88	0.06	0	0	0	0	0	0	0
3/13/2024 21:35	54506 ENOL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
3/13/2024 21:44	65001 NEFF_T2	232	249	17	0.32	0.61	0.29	0	0	0	0	0	0	0
3/13/2024 21:57	10801 CHHI_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
3/13/2024 22:05	65002 NEFF_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
3/13/2024 22:24	11506 FREE_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
3/13/2024 22:35	44802 EDAN_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
3/13/2024 22:47	65003 NEFF_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
3/13/2024 23:02	16101 BING_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
3/13/2024 23:11	64903 MILL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
3/13/2024 23:50	65004 NEFF_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
3/14/2024 0:37	65001 NEFF_T2	216	227	11	0.21	0.29	0.08	0	0	0	0	0	0	0
3/14/2024 3:04	65001 NEFF_T2	227	230	3	0.27	0.29	0.02	0	0	0	0	0	0	0
3/14/2024 3:12	13501 MCMI_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
3/14/2024 3:40	65004 NEFF_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
3/14/2024 4:18	65004 NEFF_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
3/14/2024 4:49	65001 NEFF_T2	8	0	-8	0.16	0	-0.16	0	0	0	0	0	0	0
3/14/2024 5:26	65002 NEFF_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
3/14/2024 6:34	65005 NEFF_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
3/14/2024 7:01	65004 NEFF_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
3/14/2024 7:37	65003 NEFF_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
3/14/2024 7:56	45502 DERR_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
3/14/2024 7:58	29401 BELT_T1	24	17	-7	0.15	0.11	-0.04	0	0	0	0	0	0	0
3/14/2024 8:00	29401 BELT_T1	17	5	-12	0.11	0.1	-0.01	0	0	0	0	0	0	0
3/14/2024 8:10	29402 BELT_T1	1	1	0	7.8	7.9	0.1	0	0	0	0	0	0	0
3/14/2024 8:17	13501 MCMI_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
3/14/2024 8:19	13501 MCMI_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
3/14/2024 8:26	45501 DERR_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
3/14/2024 8:32	58401 MORO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
3/14/2024 8:34	13902 SEID_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
3/14/2024 8:39	53601 DALM_T2	1	1	0	0.3	0.5	0.2	0	0	0	0	0	0	0
3/14/2024 8:46	65002 NEFF_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
3/14/2024 8:47	40101 HUNT_T2	0	2	2	0	0	0	0	0	0	0	0	0	0
3/14/2024 8:56	65004 NEFF_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
3/14/2024 9:01	55001 NEWP_T1	1	1	0	1.6	0.2	-1.4	0	0	0	0	0	0	0
3/14/2024 9:05	67402 WAKE_T2	0	1	1	0	0	0	0	0	0	0	0	0	0
3/14/2024 9:05	55001 NEWP_T1	1	1	0	1.6	0.2	-1.4	0	0	0	0	0	0	0
3/14/2024 9:17	55001 NEWP_T1	1	0	-1	0.2	0	-0.2	0	0	0	0	0	0	0
3/14/2024 9:20	55002 NEWP_T1	7	6	-1	1	0.95	-0.05	0	0	0	0	0	0	0
3/14/2024 9:25	41801 GOCI_T2	0	103	103	0	0.24	0.24	0	0	0	0	0	0	0
3/14/2024 9:25	26002 WDAM_T1	1	1	0	0.2	0.3	0.1	0	0	0	0	0	0	0
3/14/2024 9:25	53903 HAU_T2	3	3	0	1.17	1.2	0.03	0	0	0	0	0	0	0
3/14/2024 9:25	40201 BEGA_T2	0	1	1	0	1	1	0	0	0	0	0	0	0
3/14/2024 9:28	41801 GOCI_T2	0	103	103	0	0.24	0.24	0	0	0	0	0	0	0
3/14/2024 9:28	29402 BELT_T1	1	1	0	8	8.1	0.1	0	0	0	0	0	0	0
3/14/2024 9:30	59003 MIFF_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
3/14/2024 9:30	13503 MCMI_T2	0	1	1	0	0.6	0.6	0	0	0	0	0	0	0
3/14/2024 9:31	43202 MVIL_T2	1	85	84	0.5	0.45	-0.05	0	0	0	0	0	0	0
3/14/2024 9:32	42002 MNVL_T2	1	1	0	6.5	6.3	-0.2	0	0	0	0	0	0	0
3/14/2024 9:33	59302 MCAL_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
3/14/2024 9:33	13502 MCMI_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
3/14/2024 9:33	43201 MVIL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
3/14/2024 9:34	43202 MVIL_T2	1	85	84	0.5	0.45	-0.05	0	0	0	0	0	0	0
3/14/2024 9:34	13501 MCMI_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
3/14/2024 9:34	47403 PENS_T1	2	0	-2	0.25	0	-0.25	0	0	0	0	0	0	0
3/14/2024 9:37	56802 BENV_T2	1	1	0	0.8	0.8	0	0	0	0	0	0	0	0
3/14/2024 9:39	56802 BENV_T2	1	1	0	0.8	0.8	0	0	0	0	0	0	0	0
3/14/2024 9:39	28602 BLYT_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
3/14/2024 9:39	45901 AUBU_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
3/14/2024 9:39	23901 EFMO_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
3/14/2024 9:40	54501 ENOL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
3/14/2024 9:40	56802 BENV_T2	1	1	0	0.8	0.8	0	0	0	0	0	0	0	0
3/14/2024 9:40	45901 AUBU_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
3/14/2024 9:41	56802 BENV_T2	1	1	0	0.8	0.8	0	0	0	0	0	0	0	0
3/14/2024 9:41	45902 AUBU_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
3/14/2024 9:42	46205 DANV_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
3/14/2024 9:42	52404 GRPA_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
3/14/2024 9:42	52402 GRPA_T2	3	2	-1	1.1	2.1	1	0	0	0	0	0	0	0
3/14/2024 9:42	56802 BENV_T2	1	1	0	0.8	0.8	0	0	0	0	0	0	0	0
3/14/2024 9:43	46202 DANV_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
3/14/2024 9:43	52402 GRPA_T2	3	2	-1	1.1	2.1	1	0	0	0	0	0	0	0
3/14/2024 9:44	54506 ENOL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
3/14/2024 9:44	52403 GRPA_T2	0	3	3	0	0.17	0.17	0	0	0	0	0	0	0
3/14/2024 9:45	52002 LING_T2	1	1	0	1.3	1.4	0.1	0

3/14/2024 10:00	42201 SHEN_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/14/2024 10:00	54501 ENOL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/14/2024 10:00	47402 PENS_T1	1	2	1	0.2	0.4	0.2	0	0	0	0	0	0	0	0
3/14/2024 10:00	58401 MORO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/14/2024 10:00	48302 ORWI_T2	2	3	1	0.7	1.1	0.4	0	0	0	0	0	0	0	0
3/14/2024 10:00	58001 WCAR_T1	2	0	-2	0.15	0	-0.15	0	0	0	0	0	0	0	0
3/14/2024 10:00	16103 BING_T2	0	1	1	0	0.4	0.4	0	0	0	0	0	0	0	0
3/14/2024 10:00	40101 HUNT_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/14/2024 10:00	40602 PIGR_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/14/2024 10:00	46002 BERW_T2	0	1	1	0	0.2	0.2	0	0	0	0	0	0	0	0
3/14/2024 10:00	58401 MORO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/14/2024 10:00	66301 MCGO_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/14/2024 10:00	42302 MOWR_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/14/2024 10:00	52001 LING_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/14/2024 10:00	17805 GILB_T2	1	3	2	0.5	0.47	-0.03	0	0	0	0	0	0	0	0
3/14/2024 10:00	42903 MIDD_T2	2	2	0	1.5	1.7	0.2	0	0	0	0	0	0	0	0
3/14/2024 10:00	41901 REED_T1	1	6	5	0.2	0.15	-0.05	0	0	0	0	0	0	0	0
3/14/2024 10:00	64101 REPB_T1	0	1	1	0	0.6	0.6	0	0	0	0	0	0	0	0
3/14/2024 10:00	47104 MARL_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/14/2024 10:01	63801 HEMP_T1	13	10	-3	0.28	0.3	0.02	0	0	0	0	0	0	0	0
3/14/2024 10:01	54506 ENOL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/14/2024 10:01	23902 EFMO_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/14/2024 10:06	20402 ASHF_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/14/2024 10:06	67502 WEWI_T2	1	4	3	0.7	0.48	-0.22	0	0	0	0	0	0	0	0
3/14/2024 10:07	64904 MILL_T1	0	1	1	0	0.1	0.1	0	0	0	0	0	0	0	0
3/14/2024 10:07	45901 AUBU_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/14/2024 10:07	46003 BERW_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/14/2024 10:07	52006 LING_T2	3	3	0	0.87	1.07	0.2	0	0	0	0	0	0	0	0
3/14/2024 10:07	47104 MARL_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/14/2024 10:07	67201 TEHI_T1	1	0	-1	0.5	0	-0.5	0	0	0	0	0	0	0	0
3/14/2024 10:07	60701 BREC_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/14/2024 10:07	56802 BENV_T2	1	1	0	0.7	1.1	0.4	0	0	0	0	0	0	0	0
3/14/2024 10:08	54603 SUMM_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/14/2024 10:08	56802 BENV_T2	1	1	0	0.7	1.1	0.4	0	0	0	0	0	0	0	0
3/14/2024 10:08	53502 EVIL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/14/2024 10:08	43001 ALWD_T1	1	3	2	0.3	0.47	0.17	0	0	0	0	0	0	0	0
3/14/2024 10:08	42701 AUGU_T1	2	3	1	0.7	0.6	-0.1	0	0	0	0	0	0	0	0
3/14/2024 10:08	40201 BEGA_T2	1	1	0	1.1	1.6	0.5	0	0	0	0	0	0	0	0
3/14/2024 10:09	20402 ASHF_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/14/2024 10:09	14402 SSLA_T1	313	574	261	0.27	0.37	0.1	0	0	0	0	0	0	0	0
3/14/2024 10:09	43001 ALWD_T1	1	3	2	0.3	0.47	0.17	0	0	0	0	0	0	0	0
3/14/2024 10:09	56802 BENV_T2	1	1	0	0.7	1.1	0.4	0	0	0	0	0	0	0	0
3/14/2024 10:10	54503 ENOL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/14/2024 10:10	43201 MVIL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/14/2024 10:10	45901 AUBU_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/14/2024 10:10	29402 BELT_T1	2	3	1	4.4	3.13	-1.27	0	0	0	0	0	0	0	0
3/14/2024 10:10	42701 AUGU_T1	2	3	1	0.7	0.6	-0.1	0	0	0	0	0	0	0	0
3/14/2024 10:10	56802 BENV_T2	1	1	0	0.7	1.1	0.4	0	0	0	0	0	0	0	0
3/14/2024 10:11	23902 EFMO_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/14/2024 10:11	56802 BENV_T2	1	1	0	0.7	1.1	0.4	0	0	0	0	0	0	0	0
3/14/2024 10:11	46206 DANV_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/14/2024 10:11	29401 BELT_T1	24	50	26	0.13	0.17	0.04	0	0	0	0	0	0	0	0
3/14/2024 10:11	42701 AUGU_T1	2	3	1	0.7	0.6	-0.1	0	0	0	0	0	0	0	0
3/14/2024 10:11	45902 AUBU_T1	0	3	3	0	0.2	0.2	0	0	0	0	0	0	0	0
3/14/2024 10:12	54504 ENOL_T2	0	1	1	0	0.2	0.2	0	0	0	0	0	0	0	0
3/14/2024 10:12	41802 GOCI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/14/2024 10:13	54504 ENOL_T2	0	1	1	0	0.2	0.2	0	0	0	0	0	0	0	0
3/14/2024 10:13	54505 ENOL_T2	2	2	0	0.7	0.9	0.2	0	0	0	0	0	0	0	0
3/14/2024 10:13	23901 EFMO_T2	0	1	1	0	0.1	0.1	0	0	0	0	0	0	0	0
3/14/2024 10:14	25502 MADI_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/14/2024 10:14	52002 LING_T2	1	1	0	1.3	1.4	0.1	0	0	0	0	0	0	0	0
3/14/2024 10:14	47802 MOCA_T2	0	1	1	0	0.3	0.3	0	0	0	0	0	0	0	0
3/14/2024 10:15	47002 HUGH_T2	11	6	-5	0.22	0.2	-0.02	0	0	0	0	0	0	0	0
3/14/2024 10:15	13501 MCMI_T1	0	1	1	0	0.1	0.1	0	0	0	0	0	0	0	0
3/14/2024 10:15	46801 HEPB_T2	2	2	0	1	1.1	0.1	0	0	0	0	0	0	0	0
3/14/2024 10:15	64802 MONE_T2	79	110	31	0.19	0.22	0.03	0	0	0	0	0	0	0	0
3/14/2024 10:15	13503 MCMI_T2	4	6	2	0.48	0.52	0.04	0	0	0	0	0	0	0	0
3/14/2024 10:16	26402 INOR_T1	1	7	6	0.8	0.5	-0.3	0	0	0	0	0	0	0	0
3/14/2024 10:16	40101 HUNT_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/14/2024 10:17	52503 PROG_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/14/2024 10:17	13501 MCMI_T1	0	1	1	0	0.1	0.1	0	0	0	0	0	0	0	0
3/14/2024 10:17	54001 SDLE_T1	4	4	0	0.95	1.23	0.28	0	0	0	0	0	0	0	0
3/14/2024 10:17	59002 MIFF_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/14/2024 10:17	43202 MVIL_T2	13	90	77	0.2	0.6	0.4	0	0	0	0	0	0	0	0
3/14/2024 10:18	46702 RENO_T1	1	41	40	0.2	0.17	-0.03	0	0	0	0	0	0	0	0
3/14/2024 10:18	13503 MCMI_T2	4	6	2	0.48	0.52	0.04	0	0	0	0	0	0	0	0
3/14/2024 10:18	55001 NEWP_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/14/2024 10:19	13904 SEID_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/14/2024 10:19	43202 MVIL_T2	13	90	77	0.2	0.6	0.4	0	0	0	0	0	0	0	0
3/14/2024 10:19	57403 SPAN_T1	25	34	9	0.24	0.29	0.05	0	0	0	0	0	0	0	0
3/14/2024 10:19	65001 NEFF_T2	2	2	0	0.3	0.45	0.15	0	0	0	0	0	0	0	0
3/14/2024 10:19	42002 MNVL_T2	1	1	0	6.5	6.5	0	0	0	0	0	0	0	0	0
3/14/2024 10:19	55002 NEWP_T1	8	11	3	0.98	0.9	-0.08	0	0	0	0	0	0	0	0
3/14/2024 10:19	13503 MCMI_T2	4	6	2	0.48	0.52	0.04	0	0	0	0	0	0	0	0
3/14/2024 10:20	43103 SMIL_T2	22	24	2	1.2	1.18	-0.02	0	0	0	0	0	0	0	0
3/14/2024 10:20	43201 MVIL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/14/2024 10:20	55002 NEWP_T1	8	11	3	0.98	0.9	-0.08	0	0	0	0	0	0	0	0
3/14/2024 10:20	65001 NEFF_T2	2	1	-1	0.1	0.1	0	0	0	0	0	0	0	0	0
3/14/2024 10:20	13501 MCMI_T1	0	1	1	0	0.1	0.1	0	0	0	0	0	0	0	0
3/14/2024 10:20	57403 SPAN_T1	25	34	9	0.24	0.29	0.05	0	0	0	0	0	0	0	0
3/14/2024 10:21	46701 RENO_T1	6	89	83	1.65	0.3	-1.35	0	0	0	0	0	0	0	0
3/14/2024 10:21	13501 MCMI_T1	0	1	1	0	0.1	0.1	0	0	0	0	0	0	0	0
3/14/2024 10:22	28602 BLYT_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/14/2024 10:22	67502 WEWI_T2	1	4	3	1	0.53	-0.47	0	0	0	0	0	0	0	0
3/14/2024 10:22	15001 BLMO_T1	4	5	1	0.68	0.74	0.06	0	0	0	0	0	0	0	0
3/14/2024 10:22	54001 SDLE_T1	4	4	0	0.95	1.23	0.28	0	0	0	0	0	0	0	0
3/14/2024 10:23	43104 SMIL_T2	4	6	2	0.18	0.47	0.29	0	0	0	0	0	0	0	0
3/14/2024 10:23	15001 BLMO_T1	4	5	1	0.68	0.74	0.06	0	0	0	0	0	0	0	0
3/14/2024 10:24	46205 DANV_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/14/2024 10:25	45501 DERR_T2	1	3	2	0.1	0.4	0.3	0	0	0	0	0	0	0	0
3/14/2024 10:25	41802 GOCI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/14/2024 10:25	67503 WEWI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/14/2024 10:26	46203 DANV_T2	27	24	-3	0.2	0.21	0.01	0	0	0	0	0	0	0	0
3/14/2024 10:26	45501 DERR_T2	1	3	2	0.1	0.4	0.3	0	0	0	0	0	0	0	0
3/14/2024 10:27	45501 DERR_T2	1	3	2	0.1	0.4	0.3	0	0	0	0	0	0	0	0
3/14/2024 10:27	15001 BLMO_T1	4	5	1	0.68	0.74	0.06	0	0	0	0	0	0	0	0
3/14/2024 10:28	40901 JESH_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/14/2024 10:28	17803 GILB_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/14/2024 10:28	53901 HALI_T2	1	1	0	1.2	1.3	0.1	0	0	0	0	0	0	0	0
3/14/2024 10:28	17803 GILB_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/14/2024 10:28	45501 DERR_T2	1	3	2	0.1	0.4	0.3	0	0	0	0	0	0	0	0
3/14/2024 10:28	10801 CHHI_T1	2	6	4	0.15	0.32	0.17	0	0	0	0	0	0	0	0
3/14/2024 10:29	52402 GRPA_T2	3	7	4	1.5	0.74	-0.76	0	0	0	0	0	0	0	0
3/14/2024 10:29	52403 GRPA_T2	0	6	6	0	0.3	0.3	0	0	0	0	0	0	0	0
3/14/2024 10:29	17805 GILB_T2	2	5	3	0.4	0.36	-0.04	0	0	0	0	0	0	0	0
3/14/2024 10:29	62606 ENGL_T1	0	1	1	0	0	0	0	0	0	0	0	0	0	0
3/14/2024 10:29	45501 DERR_T2	1	3	2	0.1	0.4	0.3	0	0	0	0	0	0	0	0
3/14/2024 10:30	17803 GILB_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/14/2024 10:30	42902 MIDD_T2	37	4	-33	0.26	0.33	0.07	0	0	0	0	0	0	0	0
3/14/2024 10:31	52403 GRPA_T2	3	6	3	0.33	0.3	-0.03	0	0	0	0	0	0	0	0
3/14/2024 10:33	40602 PIGR_T1	0	2	2	0	0.5	0.5	0	0	0	0	0	0	0	0
3/14/2024 10:34	14801 TREI_T2	144	216	72	0.46	0.43	-0.03	0	0	0	0	0	0	0	0
3/14/2024 10:34	14404 SSLA_T1	562	635	73	0.45	0.53	0.08	0	0	0	0	0	0	0	0
3/14/2024 10:35	40302 TAMA_T3	13	20	7	0.46	0.35	-0.11	0	0	0	0	0	0	0	0
3/14/2024 10:35	14401 SSLA_T1	188	340	152	0.23	0.25	0.02	0	0	0	0	0	0	0	0
3/14/2024 10:35	40601 PIGR_T1	7	36	29	0.33	0.27	-0.06	0	0	0	0	0	0	0	0
3/14/2024 10:35	26001 WDAM_T1	1	1	0	0.1	0.4	0.3	0	0	0	0	0	0	0	0
3/14/2024 10:36	40601 PIGR_T1	7	36	29	0.33	0.27	-0.06	0	0	0	0	0	0	0	0
3/14/2024 10:36	45402 WBLO_T2	44	44	0	0.25	0.33	0.08	0	0	0	0	0	0	0	0
3/14/2024 10:36	41903 REED_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/14/2024 10:36	15103 UPHA_T2	1	3	2	0.5	0.53	0.03	0	0	0	0	0	0	0	0
3/14/2024 10:37	20402 ASHF_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/14/2024 10:38	16302 ALPA_T2	0	1	1	0	0.1	0.1	0	0	0	0	0	0	0	0
3/14/2024 10:38	67603 WARW_T1	0	3	3	0	0.4	0.4	0	0	0	0	0	0	0	0
3/14/2024 10:38	14802 TREI_T2	120	210	90	0.27	0.28	0.01	0	0	0	0	0	0	0	0
3/14/2024 10:39	46003 BERW_T2	0	19	19	0	0.47	0.47	0	0	0	0	0	0	0	0
3/14/2024 10:39	45402 WBLO_T2	44	44	0	0.25	0.33	0.08	0	0	0	0	0	0	0	0
3/14/2024 10:39	16302 ALPA_T2	0	1	1	0	0.1	0.1	0	0	0	0	0	0	0	0
3/14/2024 10:40	61103 BERK_T5	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/14/2024 10:40	20402 ASHF_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/14/2024 10:40	29402 BELT_T1	3	4	1	3.13	2.5	-0.63	0	0	0	0	0	0	0	0
3/14/2024 10:41	54501 ENOL_T2	0	1	1	0	0.1	0.1	0	0	0	0	0	0	0	0
3/14/2024 10:41	16302 ALPA_T2	0	1	1	0	0.1	0.1	0	0	0	0	0	0	0	0
3/14/2024 10:42	29401 BELT_T1	14	50	36	0.12	0.16	0.04	0	0	0	0	0	0	0	0
3/14/2024 10:42	16302 ALPA_T2	0	1	1	0	0.1	0.1	0	0	0	0	0	0	0	0
3/14/2024 10:43	29401 BELT_T1	14	50	36	0.12	0.16	0.04	0	0	0	0	0	0	0	0
3/14/2024 10:44	50102 HARR_T3	2	3	1	0.1	0.13	0.03	0	0	0	0	0	0	0	0
3/14/2024 10:44	64202 KINZ_T1	9	5	-4	0.36	0.74	0.38	0	0	0	0	0	0	0	0
3/14/2024 10:45	47104 MARL_T1	0	2	2	0	0.1	0.1	0	0	0	0	0	0	0	0
3/14/2024 10:46	50103 HARR_T3	1	2	1	0.4	0.55	0.15	0	0	0	0	0	0	0	0
3/14/2024 10:46	42902 MIDD_T2	4	11	7	0.33	0.35	0.02	0	0	0	0	0	0	0	0
3/14/2024 10:46	47104 MARL_T1	0	2	2	0	0.1	0.1	0	0	0	0	0	0	0	0
3/14/2024 10:47	46801 HEPB_T2	2	2	0	1.05	1.05	0	0	0	0	0	0	0	0	0
3/14/2024 10:49	15701 TANN_T1	2	2	0	2.85	2.75	-0.1	0	0	0	0	0	0	0	0
3/14/2024 10:49	57401 SPAN_T1	2	2	0	1.35	1.4	0.05	0	0	0	0	0	0	0	0
3/14/2024 10:49	14402 SSLA_T1	570	636	66	0.41	0.46	0.05	0	0	0	0	0	0	0	0
3/14/2024 10:49	46302 ROHR_T1	5	4	-1	1.78	1.75	-0.03	0	0	0	0	0	0	0	0
3/14/2024 10:50	42001 MNVL_T2	69	92	23	0.21	0.22	0.01	0	0	0	0	0	0	0	0
3/14/2024 10:51	45901 AUBU_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/14/2024 10:52	57401 SPAN_T1	2	2	0	1.35	1.4	0.05	0	0	0	0	0	0	0	0
3/14/2024 10:52	14402 SSLA_T1	570	636	66	0.41	0.46	0.05	0	0	0	0	0	0	0	0
3/14/2024 10:52	56803 BENV_T1	6	6	0	0.47	0.67	0.2	0	0	0	0	0	0	0	0
3/14/2024 10:53	28703 HAML_T2	2	2	0	0.2	0.15	-0.05	0	0	0	0	0	0	0	0
3/14/2024 10:53	67401 WAKE_T2	0	1	1	0	0.2	0.2	0	0	0	0	0	0	0	0
3/14/2024 10:53	67605 WARW_T1	61	90	29	0.69	0.57	-0.12	0	0	0	0	0	0	0	0
3/14/2024 10:53	14402 SSLA_T1	570	636	66	0.41	0.46	0.05	0	0	0	0	0	0	0	0
3/14/2024 10:53	56803 BENV_T1	6	6	0	0.47	0.67	0.2	0	0	0	0	0	0	0	0
3/14/2024 10:54	67401 WAKE_T2	0	1	1	0	0.2	0.2	0	0	0	0	0	0	0	0
3/14/2024 10:54	56803 BENV_T1	6	6	0	0.47	0.67	0.2	0	0	0	0	0	0	0	0
3/14/2024 10:55	56801 BENV_T1	36	42	6	0.98	1.19	0.21	0	0	0	0	0	0	0	0
3/14/2024 10:55	60101 COCA_T1	2	4	2	0.2	0.28	0.08	0	0	0	0	0	0	0	0
3/14/2024 10:56	54503 ENOL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/14/2024 10:56	54502 ENOL_T2	1	3	2	0.7	0.5	-0.2	0	0	0	0	0	0	0	0
3/14/2024 10:56	42701 AUGU_T1	4	3	-1	0.53	0.6	0.07	0	0	0	0	0	0	0	0
3/14/2024 10:56	60201 ATGL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/14/2024 10:57	56801 BENV_T1	36	42	6	0.98	1.19	0.21	0	0	0	0	0	0	0	0
3/14/2024 10:58	54501 ENOL_T2	1	1	0	0.1	0.1	0	0	0	0	0	0	0	0	0
3/14/2024 10:58	60803 BUCK_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/14/2024 10:59	54501 ENOL_T2	1	1	0	0.1	0.1	0	0	0	0	0	0	0	0	0
3/14/2024 11:00	50102 HARR_T3	1	2	1	0.1	0.1	0	0	0	0	0	0	0	0	0
3/14/2024 11:00	54503 ENOL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/14/2024 11:00	55001 NEWP_T1	0	0	0	0	0

3/14/2024 11:23	44601 SALE_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/14/2024 11:23	56803 BENV_T1	6	10	4	0.62	0.61	-0.01	0	0	0	0	0	0	0	0
3/14/2024 11:24	67402 WAKE_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/14/2024 11:24	41601 CLEV_T1	1	1	0	0.5	0.8	0.3	0	0	0	0	0	0	0	0
3/14/2024 11:24	59102 WALK_T2	1	7	6	0.1	0.7	0.6	0	0	0	0	0	0	0	0
3/14/2024 11:24	56801 BENV_T1	41	40	-1	1.16	1.2	0.04	0	0	0	0	0	0	0	0
3/14/2024 11:25	29401 BELT_T1	28	57	29	0.17	0.19	0.02	0	0	0	0	0	0	0	0
3/14/2024 11:25	41601 CLEV_T1	1	1	0	0.5	0.8	0.3	0	0	0	0	0	0	0	0
3/14/2024 11:25	67401 WAKE_T2	1	2	1	0.2	0.15	-0.05	0	0	0	0	0	0	0	0
3/14/2024 11:25	56803 BENV_T1	6	10	4	0.62	0.61	-0.01	0	0	0	0	0	0	0	0
3/14/2024 11:26	52404 GRPA_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/14/2024 11:26	45502 DERR_T2	1	0	-1	0.1	0	-0.1	0	0	0	0	0	0	0	0
3/14/2024 11:26	29402 BELT_T1	5	5	0	2.08	2.32	0.24	0	0	0	0	0	0	0	0
3/14/2024 11:27	52402 GRPA_T2	8	28	20	0.64	0.66	0.02	0	0	0	0	0	0	0	0
3/14/2024 11:27	56803 BENV_T1	6	10	4	0.62	0.61	-0.01	0	0	0	0	0	0	0	0
3/14/2024 11:29	52403 GRPA_T2	3	26	23	0.33	0.82	0.49	0	0	0	0	0	0	0	0
3/14/2024 11:29	52403 GRPA_T2	3	26	23	0.33	0.82	0.49	0	0	0	0	0	0	0	0
3/14/2024 11:30	29401 BELT_T1	57	48	-9	0.19	0.22	0.03	0	0	0	0	0	0	0	0
3/14/2024 11:31	52402 GRPA_T2	16	30	14	0.67	0.66	-0.01	0	0	0	0	0	0	0	0
3/14/2024 11:32	42001 MNVL_T2	8	7	-1	0.5	0.5	0	0	0	0	0	0	0	0	0
3/14/2024 11:32	64902 MILL_T2	0	2	2	0	0.35	0.35	0	0	0	0	0	0	0	0
3/14/2024 11:33	65004 NEFF_T2	3	5	2	0.4	0.4	0	0	0	0	0	0	0	0	0
3/14/2024 11:33	26002 WDAM_T1	1	2	1	0.1	0.25	0.15	0	0	0	0	0	0	0	0
3/14/2024 11:33	42001 MNVL_T2	8	7	-1	0.5	0.5	0	0	0	0	0	0	0	0	0
3/14/2024 11:33	64903 MILL_T2	1	1	0	0.2	0.4	0.2	0	0	0	0	0	0	0	0
3/14/2024 11:34	46701 RENO_T1	100	107	7	0.27	0.29	0.02	0	0	0	0	0	0	0	0
3/14/2024 11:34	42802 SELI_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/14/2024 11:34	57403 SPAN_T1	35	174	139	0.31	0.25	-0.06	0	0	0	0	0	0	0	0
3/14/2024 11:35	57401 SPAN_T1	2	3	1	1.3	0.97	-0.33	0	0	0	0	0	0	0	0
3/14/2024 11:35	67605 WARW_T1	193	297	104	0.34	0.34	0	0	0	0	0	0	0	0	0
3/14/2024 11:35	17002 RIRO_T2	10	17	7	0.49	0.5	0.01	0	0	0	0	0	0	0	0
3/14/2024 11:36	67604 WARW_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/14/2024 11:37	42801 SELI_T1	0	1	1	0	3.3	3.3	0	0	0	0	0	0	0	0
3/14/2024 11:37	57401 SPAN_T1	2	3	1	1.3	0.97	-0.33	0	0	0	0	0	0	0	0
3/14/2024 11:37	46702 RENO_T1	60	79	19	0.17	0.19	0.02	0	0	0	0	0	0	0	0
3/14/2024 11:37	40201 BEGA_T2	1	4	3	0.6	0.63	0.03	0	0	0	0	0	0	0	0
3/14/2024 11:37	47401 PENS_T1	23	85	62	0.38	0.56	0.18	0	0	0	0	0	0	0	0
3/14/2024 11:37	46702 RENO_T1	60	79	19	0.17	0.19	0.02	0	0	0	0	0	0	0	0
3/14/2024 11:37	43001 ALWD_T1	5	5	0	0.66	0.92	0.26	0	0	0	0	0	0	0	0
3/14/2024 11:38	43001 ALWD_T1	5	5	0	0.66	0.92	0.26	0	0	0	0	0	0	0	0
3/14/2024 11:38	56802 BENV_T2	1	2	1	1.2	0.95	-0.25	0	0	0	0	0	0	0	0
3/14/2024 11:38	56801 BENV_T1	37	42	5	1.18	1.18	0	0	0	0	0	0	0	0	0
3/14/2024 11:39	60803 BUCK_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/14/2024 11:39	56801 BENV_T1	37	42	5	1.18	1.18	0	0	0	0	0	0	0	0	0
3/14/2024 11:39	45502 DERR_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/14/2024 11:40	45501 DERR_T2	2	3	1	0.55	0.87	0.32	0	0	0	0	0	0	0	0
3/14/2024 11:40	56803 BENV_T1	8	11	3	0.66	0.49	-0.17	0	0	0	0	0	0	0	0
3/14/2024 11:40	42102 FRAI_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/14/2024 11:40	56802 BENV_T2	1	2	1	1.2	0.95	-0.25	0	0	0	0	0	0	0	0
3/14/2024 11:41	41802 GOCI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/14/2024 11:41	56803 BENV_T1	8	11	3	0.66	0.49	-0.17	0	0	0	0	0	0	0	0
3/14/2024 11:41	54501 ENOL_T2	0	2	2	0	0.5	0.5	0	0	0	0	0	0	0	0
3/14/2024 11:41	54505 ENOL_T2	2	2	0	0.9	1.05	0.15	0	0	0	0	0	0	0	0
3/14/2024 11:41	46003 BERW_T2	17	0	-17	0.16	0	-0.16	0	0	0	0	0	0	0	0
3/14/2024 11:41	47403 PENS_T1	2	6	4	0.25	0.53	0.28	0	0	0	0	0	0	0	0
3/14/2024 11:41	45502 DERR_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/14/2024 11:41	56802 BENV_T2	1	2	1	1.2	0.95	-0.25	0	0	0	0	0	0	0	0
3/14/2024 11:42	54501 ENOL_T2	0	2	2	0	0.5	0.5	0	0	0	0	0	0	0	0
3/14/2024 11:42	54506 ENOL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/14/2024 11:42	46004 BERW_T2	2	2	0	0.45	0.35	-0.1	0	0	0	0	0	0	0	0
3/14/2024 11:42	56803 BENV_T1	8	11	3	0.66	0.49	-0.17	0	0	0	0	0	0	0	0
3/14/2024 11:42	41802 GOCI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/14/2024 11:42	45501 DERR_T2	2	3	1	0.55	0.87	0.32	0	0	0	0	0	0	0	0
3/14/2024 11:42	60803 BUCK_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/14/2024 11:42	56802 BENV_T2	1	2	1	1.2	0.95	-0.25	0	0	0	0	0	0	0	0
3/14/2024 11:43	41802 GOCI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/14/2024 11:43	54505 ENOL_T2	2	2	0	0.9	1.05	0.15	0	0	0	0	0	0	0	0
3/14/2024 11:44	46801 HEPB_T2	2	2	0	1.3	1.1	-0.2	0	0	0	0	0	0	0	0
3/14/2024 11:44	54502 ENOL_T2	1	3	2	0.9	0.4	-0.5	0	0	0	0	0	0	0	0
3/14/2024 11:45	45703 LIND_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/14/2024 11:45	46803 HEPB_T2	2	7	5	0.8	0.47	-0.33	0	0	0	0	0	0	0	0
3/14/2024 11:45	54506 ENOL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/14/2024 11:46	54501 ENOL_T2	2	4	2	0.35	0.43	0.08	0	0	0	0	0	0	0	0
3/14/2024 11:46	55001 NEWP_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/14/2024 11:46	59302 MCAL_T1	2	4	2	0.15	0.7	0.55	0	0	0	0	0	0	0	0
3/14/2024 11:46	13902 SEID_T1	1	1	0	0.4	0.9	0.5	0	0	0	0	0	0	0	0
3/14/2024 11:47	55002 NEWP_T1	12	17	5	0.86	0.84	-0.02	0	0	0	0	0	0	0	0
3/14/2024 11:48	59302 MCAL_T1	2	4	2	0.15	0.7	0.55	0	0	0	0	0	0	0	0
3/14/2024 11:48	25501 MADI_T1	2	2	0	0.1	0.55	0.45	0	0	0	0	0	0	0	0
3/14/2024 11:48	65804 RTWN_T1	0	2	2	0	0.3	0.3	0	0	0	0	0	0	0	0
3/14/2024 11:48	55001 NEWP_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/14/2024 11:49	65801 RTWN_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/14/2024 11:49	40601 PIGR_T1	151	150	-1	0.45	0.43	-0.02	0	0	0	0	0	0	0	0
3/14/2024 11:49	55002 NEWP_T1	12	17	5	0.86	0.84	-0.02	0	0	0	0	0	0	0	0
3/14/2024 11:49	65003 NEFF_T2	2	1	-1	0.35	0.5	0.15	0	0	0	0	0	0	0	0
3/14/2024 11:49	42901 MIDD_T2	3	3	0	0.37	0.5	0.13	0	0	0	0	0	0	0	0
3/14/2024 11:49	65801 RTWN_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/14/2024 11:49	55001 NEWP_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/14/2024 11:50	14402 SSLA_T1	583	649	66	0.47	0.55	0.08	0	0	0	0	0	0	0	0
3/14/2024 11:50	59101 WALK_T2	1	0	-1	1	0	-1	0	0	0	0	0	0	0	0
3/14/2024 11:51	65804 RTWN_T1	0	2	2	0	0.3	0.3	0	0	0	0	0	0	0	0
3/14/2024 11:51	14403 SSLA_T1	46	81	35	0.54	0.45	-0.09	0	0	0	0	0	0	0	0
3/14/2024 11:51	67604 WARW_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/14/2024 11:52	59102 WALK_T2	6	6	0	0.78	0.48	-0.3	0	0	0	0	0	0	0	0
3/14/2024 11:52	13901 SEID_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/14/2024 11:52	65801 RTWN_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/14/2024 11:52	67604 WARW_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/14/2024 11:53	43001 ALWD_T1	5	5	0	0.86	0.98	0.12	0	0	0	0	0	0	0	0
3/14/2024 11:53	14403 SSLA_T1	46	81	35	0.54	0.45	-0.09	0	0	0	0	0	0	0	0
3/14/2024 11:53	60803 BUCK_T1	0	1	1	0	0.1	0.1	0	0	0	0	0	0	0	0
3/14/2024 11:54	45502 DERR_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/14/2024 11:54	59102 WALK_T2	6	6	0	0.78	0.48	-0.3	0	0	0	0	0	0	0	0
3/14/2024 11:54	14401 SSLA_T1	210	391	181	0.28	0.27	-0.01	0	0	0	0	0	0	0	0
3/14/2024 11:54	43001 ALWD_T1	5	5	0	0.86	0.98	0.12	0	0	0	0	0	0	0	0
3/14/2024 11:54	14403 SSLA_T1	46	81	35	0.54	0.45	-0.09	0	0	0	0	0	0	0	0
3/14/2024 11:55	10702 CATA_T2	1	1	0	0.3	0.2	-0.1	0	0	0	0	0	0	0	0
3/14/2024 11:55	45502 DERR_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/14/2024 11:55	14404 SSLA_T1	549	630	81	0.48	0.55	0.07	0	0	0	0	0	0	0	0
3/14/2024 11:55	29402 BELT_T1	5	11	6	2.2	1.34	-0.86	0	0	0	0	0	0	0	0
3/14/2024 11:56	46205 DANV_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/14/2024 11:56	29402 BELT_T1	5	11	6	2.2	1.34	-0.86	0	0	0	0	0	0	0	0
3/14/2024 11:56	45502 DERR_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/14/2024 11:57	45501 DERR_T2	3	5	2	0.63	0.64	0.01	0	0	0	0	0	0	0	0
3/14/2024 11:58	52404 GRPA_T2	0	1	1	0	0.2	0.2	0	0	0	0	0	0	0	0
3/14/2024 11:58	52402 GRPA_T2	27	27	0	0.68	0.66	-0.02	0	0	0	0	0	0	0	0
3/14/2024 11:58	45502 DERR_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/14/2024 11:59	59302 MCAL_T1	2	4	2	0.15	0.7	0.55	0	0	0	0	0	0	0	0
3/14/2024 11:59	52402 GRPA_T2	27	27	0	0.68	0.66	-0.02	0	0	0	0	0	0	0	0
3/14/2024 11:59	29401 BELT_T1	21	81	60	0.2	0.28	0.08	0	0	0	0	0	0	0	0
3/14/2024 12:00	29401 BELT_T1	48	97	49	0.21	0.28	0.07	0	0	0	0	0	0	0	0
3/14/2024 12:00	29401 BELT_T1	48	97	49	0.21	0.28	0.07	0	0	0	0	0	0	0	0
3/14/2024 12:00	52404 GRPA_T2	1	0	-1	0.2	0	-0.2	0	0	0	0	0	0	0	0
3/14/2024 12:00	52403 GRPA_T2	26	20	-6	0.97	0.56	-0.41	0	0	0	0	0	0	0	0
3/14/2024 12:00	59302 MCAL_T1	2	4	2	0.6	0.7	0.1	0	0	0	0	0	0	0	0
3/14/2024 12:01	52404 GRPA_T2	1	0	-1	0.2	0	-0.2	0	0	0	0	0	0	0	0
3/14/2024 12:01	29401 BELT_T1	48	97	49	0.21	0.28	0.07	0	0	0	0	0	0	0	0
3/14/2024 12:02	29401 BELT_T1	48	97	49	0.21	0.28	0.07	0	0	0	0	0	0	0	0
3/14/2024 12:03	47403 PENS_T1	6	3	-3	0.53	0.8	0.27	0	0	0	0	0	0	0	0
3/14/2024 12:03	45502 DERR_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/14/2024 12:03	65801 RTWN_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/14/2024 12:04	65804 RTWN_T1	1	2	1	0.5	0.3	-0.2	0	0	0	0	0	0	0	0
3/14/2024 12:05	65801 RTWN_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/14/2024 12:05	42802 SELI_T1	0	1	1	0	0.1	0.1	0	0	0	0	0	0	0	0
3/14/2024 12:06	47401 PENS_T1	85	16	-69	0.56	0.56	0	0	0	0	0	0	0	0	0
3/14/2024 12:07	67604 WARW_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/14/2024 12:07	65801 RTWN_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/14/2024 12:08	42803 SELI_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/14/2024 12:10	45501 DERR_T2	3	6	3	0.8	0.57	-0.23	0	0	0	0	0	0	0	0
3/14/2024 12:11	45502 DERR_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/14/2024 12:12	28601 BLYT_T2	0	2	2	0	0.25	0.25	0	0	0	0	0	0	0	0
3/14/2024 12:12	45501 DERR_T2	3	6	3	0.8	0.57	-0.23	0	0	0	0	0	0	0	0
3/14/2024 12:13	45502 DERR_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/14/2024 12:14	45502 DERR_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/14/2024 12:14	64202 KINZ_T1	18	16	-2	0.36	0.25	-0.11	0	0	0	0	0	0	0	0
3/14/2024 12:18	13905 SEID_T1	1	1	0	0.5	0.5	0	0	0	0	0	0	0	0	0
3/14/2024 12:22	67104 SPRI_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/14/2024 12:24	13903 SEID_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/14/2024 12:24	43001 ALWD_T1	5	6	1	0.9	0.92	0.02	0	0	0	0	0	0	0	0
3/14/2024 12:25	43001 ALWD_T1	5	6	1	0.9	0.92	0.02	0	0	0	0	0	0	0	0
3/14/2024 12:26	65005 NEFF_T2	1	1	0	0.5	0.4	-0.1	0	0	0	0	0	0	0	0
3/14/2024 12:44	60803 BUCK_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/14/2024 12:52	67604 WARW_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/14/2024 12:54	67605 WARW_T1	62	56	-6	0.68	0.6	-0.08	0	0	0	0	0	0	0	0
3/14/2024 13:01	55002 NEWP_T1	14	14	0	0.64	0.66	0.02	0	0	0	0	0	0	0	0
3/14/2024 13:02	42902 MIDD_T2	1	2	1	0.2	0.5	0.3	0	0	0	0	0	0	0	0
3/14/2024 13:02	55002 NEWP_T1	14	14	0	0.64	0.66	0.02	0	0	0	0	0	0	0	0
3/14/2024 13:03	59301 MCAL_T1	6	6	0	0.48	0.63	0.15	0	0	0	0	0	0	0	0
3/14/2024 13:03	25503 MADI_T1	10	93	83	0.39	0.21	-0.18	0	0	0	0	0	0	0	0
3/14/2024 13:04	47402 PENS_T1	1	2	1	0.8	0.7	-0.1	0	0	0	0	0	0	0	0
3/14/2024 13:04	55002 NEWP_T1	14	14	0	0.64	0.66	0.02	0	0	0	0	0	0	0	0
3/14/2024 13:05	12501 MITR_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/14/2024 13:06	24902 WHHA_T1	0	1	1	0	0.1	0.1	0	0	0	0	0	0	0	0
3/14/2024 13:06	47402 PENS_T1	1	2	1	0.8	0.7	-0.1	0	0	0	0	0	0	0	0
3/14/2024 13:07	55002 NEWP_T1	14	14	0	0.64	0.66	0.02	0	0	0	0	0	0	0	0
3/14/2024 13:13	65004 NEFF_T2	2	5	3	0.35	0.42	0.07	0	0	0	0	0	0	0	0
3/14/2024 13:20	57401 SPAN_T1	2	4	2	1.25	0.85	-0.4	0	0	0	0	0	0	0	0
3/14/2024 13:21	59101 WALK_T2	1	2	1	0.1	0.55	0.45	0	0	0	0	0	0	0	0
3/14/2024 13:22	57401 SPAN_T1	2	4	2	1.25	0.85	-0.4	0	0	0	0	0	0	0	0
3/14/2024 13:23	57401 SPAN_T1	2	4	2	1.25	0.85	-0.4	0	0	0	0	0	0	0	0
3/14/2024 13:24	59102 WALK_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/14/2024 13:32	55001 NEWP_T1	2	3	1	0.3	0.3	0	0	0	0	0	0	0	0	0
3/14/2024 13:33	55002 NEWP_T1	13	17	4	0.68	0.81	0.13	0	0	0	0	0	0	0	0
3/14/2024 13:33	55002 NEWP_T1	13	17	4	0.68	0.81	0.13	0	0	0	0	0	0	0	0
3/14/2024 13:34	55002 NEWP_T1	13	17	4	0.68	0.81	0.13	0	0	0	0	0	0	0	0
3/14/2024 13:35	55002 NEWP_T1	13	17	4	0.68	0.81	0.13	0	0	0	0	0	0	0	0
3/14/2024 13:35	55002 NEWP_T1	13	17	4	0.68	0.81	0.13	0	0	0	0	0	0	0	0
3/14/2024 13:37	59101 WALK_T2	1	23	22	0.2	0.24	0.04	0	0	0	0	0	0	0	0
3/14/2024 13:38	53602 DALM_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/14/2024 13:42	54504 ENOL_T2	3	2	-1	0.67	0.7	0.03	0	0	0	0	0	0	0	0
3/14/2024 13:42	54506 ENOL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/14/2024 13:43	54504 ENOL_T2	3	2	-1	0.67	0.7	0.03	0	0	0	0	0	0	0	0
3/14/2024 13:43

3/14/2024 14:10	43001 ALWD_T1	6	16	10	1	0.51	-0.49	0	0	0	0	0	0	0	0
3/14/2024 14:11	67603 WARW_T1	4	4	0	0.68	0.73	0.05	0	0	0	0	0	0	0	0
3/14/2024 14:12	29402 BELT_T1	8	7	-1	1.66	1.77	0.11	0	0	0	0	0	0	0	0
3/14/2024 14:12	29402 BELT_T1	8	7	-1	1.66	1.77	0.11	0	0	0	0	0	0	0	0
3/14/2024 14:12	10805 CHNI_T2	5	15	10	1.78	0.74	-1.04	0	0	0	0	0	0	0	0
3/14/2024 14:12	10801 CHNI_T1	12	13	1	0.73	0.78	0.05	0	0	0	0	0	0	0	0
3/14/2024 14:13	29402 BELT_T1	8	7	-1	1.66	1.77	0.11	0	0	0	0	0	0	0	0
3/14/2024 14:13	10805 CHNI_T2	5	15	10	1.78	0.74	-1.04	0	0	0	0	0	0	0	0
3/14/2024 14:14	54505 ENOL_T2	6	6	0	0.68	0.63	-0.05	0	0	0	0	0	0	0	0
3/14/2024 14:14	54505 ENOL_T2	6	6	0	0.68	0.63	-0.05	0	0	0	0	0	0	0	0
3/14/2024 14:14	10805 CHNI_T2	5	15	10	1.78	0.74	-1.04	0	0	0	0	0	0	0	0
3/14/2024 14:14	29402 BELT_T1	8	7	-1	1.66	1.77	0.11	0	0	0	0	0	0	0	0
3/14/2024 14:15	54505 ENOL_T2	6	6	0	0.6	0.65	0.05	0	0	0	0	0	0	0	0
3/14/2024 14:15	54505 ENOL_T2	6	6	0	0.6	0.65	0.05	0	0	0	0	0	0	0	0
3/14/2024 14:15	54505 ENOL_T2	6	6	0	0.6	0.65	0.05	0	0	0	0	0	0	0	0
3/14/2024 14:15	54504 ENOL_T2	3	3	0	0.6	0.63	0.03	0	0	0	0	0	0	0	0
3/14/2024 14:16	54505 ENOL_T2	6	6	0	0.6	0.65	0.05	0	0	0	0	0	0	0	0
3/14/2024 14:16	54501 ENOL_T2	6	5	-1	0.3	0.26	-0.04	0	0	0	0	0	0	0	0
3/14/2024 14:16	54505 ENOL_T2	6	6	0	0.6	0.65	0.05	0	0	0	0	0	0	0	0
3/14/2024 14:17	54506 ENOL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/14/2024 14:17	54504 ENOL_T2	3	3	0	0.6	0.63	0.03	0	0	0	0	0	0	0	0
3/14/2024 14:17	55002 NEWP_T1	15	14	-1	0.8	0.93	0.13	0	0	0	0	0	0	0	0
3/14/2024 14:17	10801 CHNI_T1	13	7	-6	0.7	0.73	0.03	0	0	0	0	0	0	0	0
3/14/2024 14:18	54502 ENOL_T2	20	43	23	0.19	0.17	-0.02	0	0	0	0	0	0	0	0
3/14/2024 14:19	65002 NEFF_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/14/2024 14:19	42203 SHEN_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/14/2024 14:19	14402 SSLA_T1	598	657	59	0.47	0.5	0.03	0	0	0	0	0	0	0	0
3/14/2024 14:19	26002 WDAM_T1	3	3	0	0.13	0.53	0.4	0	0	0	0	0	0	0	0
3/14/2024 14:20	57401 SPAN_T1	4	3	-1	0.85	0.93	0.08	0	0	0	0	0	0	0	0
3/14/2024 14:20	55002 NEWP_T1	15	14	-1	0.8	0.93	0.13	0	0	0	0	0	0	0	0
3/14/2024 14:21	65001 NEFF_T2	0	1	1	0	0.1	0.1	0	0	0	0	0	0	0	0
3/14/2024 14:21	67604 WARW_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/14/2024 14:21	44201 POIN_T1	0	1	1	0	0.1	0.1	0	0	0	0	0	0	0	0
3/14/2024 14:21	55002 NEWP_T1	15	14	-1	0.8	0.93	0.13	0	0	0	0	0	0	0	0
3/14/2024 14:21	14402 SSLA_T1	598	657	59	0.47	0.5	0.03	0	0	0	0	0	0	0	0
3/14/2024 14:22	45902 AUBU_T1	11	6	-5	0.66	0.43	-0.23	0	0	0	0	0	0	0	0
3/14/2024 14:22	45402 WBLO_T2	50	51	1	0.28	0.33	0.05	0	0	0	0	0	0	0	0
3/14/2024 14:22	44201 POIN_T1	0	1	1	0	0.1	0.1	0	0	0	0	0	0	0	0
3/14/2024 14:23	45901 AUBU_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/14/2024 14:24	67105 SPRI_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/14/2024 14:24	45901 AUBU_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/14/2024 14:24	44302 BEAV_T2	0	11	11	0	0.46	0.46	0	0	0	0	0	0	0	0
3/14/2024 14:24	45402 WBLO_T2	50	51	1	0.28	0.33	0.05	0	0	0	0	0	0	0	0
3/14/2024 14:24	67603 WARW_T1	3	4	1	0.73	0.83	0.1	0	0	0	0	0	0	0	0
3/14/2024 14:25	61305 EARL_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/14/2024 14:25	10801 CHNI_T1	13	7	-6	0.7	0.73	0.03	0	0	0	0	0	0	0	0
3/14/2024 14:25	42701 AUGU_T1	4	7	3	0.63	0.51	-0.12	0	0	0	0	0	0	0	0
3/14/2024 14:25	43001 ALWD_T1	15	6	-9	0.53	0.98	0.45	0	0	0	0	0	0	0	0
3/14/2024 14:26	46206 DANV_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/14/2024 14:26	67605 WARW_T1	53	57	4	0.65	0.61	-0.04	0	0	0	0	0	0	0	0
3/14/2024 14:26	45901 AUBU_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/14/2024 14:26	42701 AUGU_T1	4	7	3	0.63	0.51	-0.12	0	0	0	0	0	0	0	0
3/14/2024 14:27	45901 AUBU_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/14/2024 14:27	54501 ENOL_T2	6	5	-1	0.3	0.26	-0.04	0	0	0	0	0	0	0	0
3/14/2024 14:27	41801 GOCI_T2	222	213	-9	0.48	0.35	-0.13	0	0	0	0	0	0	0	0
3/14/2024 14:27	29402 BELT_T1	7	7	0	1.77	1.73	-0.04	0	0	0	0	0	0	0	0
3/14/2024 14:27	29401 BELT_T1	13	12	-1	0.3	0.28	-0.02	0	0	0	0	0	0	0	0
3/14/2024 14:27	10801 CHNI_T1	13	7	-6	0.7	0.73	0.03	0	0	0	0	0	0	0	0
3/14/2024 14:28	46206 DANV_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/14/2024 14:28	29401 BELT_T1	13	12	-1	0.3	0.28	-0.02	0	0	0	0	0	0	0	0
3/14/2024 14:28	29402 BELT_T1	7	7	0	1.77	1.73	-0.04	0	0	0	0	0	0	0	0
3/14/2024 14:28	26002 WDAM_T1	3	3	0	0.13	0.53	0.4	0	0	0	0	0	0	0	0
3/14/2024 14:28	56803 BENV_T1	4	6	2	0.95	0.8	-0.15	0	0	0	0	0	0	0	0
3/14/2024 14:29	54504 ENOL_T2	3	3	0	0.6	0.63	0.03	0	0	0	0	0	0	0	0
3/14/2024 14:29	23901 EFMO_T2	1	1	0	0.2	0.1	-0.1	0	0	0	0	0	0	0	0
3/14/2024 14:29	29402 BELT_T1	7	7	0	1.77	1.73	-0.04	0	0	0	0	0	0	0	0
3/14/2024 14:30	41801 GOCI_T2	196	198	2	0.35	0.34	-0.01	0	0	0	0	0	0	0	0
3/14/2024 14:30	42201 SHEN_T2	2	2	0	1.05	1.4	0.35	0	0	0	0	0	0	0	0
3/14/2024 14:30	54505 ENOL_T2	5	6	1	0.74	0.57	-0.17	0	0	0	0	0	0	0	0
3/14/2024 14:30	52401 GRPA_T2	6	5	-1	0.35	0.34	-0.01	0	0	0	0	0	0	0	0
3/14/2024 14:30	11506 FREE_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/14/2024 14:30	23902 EFMO_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/14/2024 14:31	54505 ENOL_T2	5	6	1	0.74	0.57	-0.17	0	0	0	0	0	0	0	0
3/14/2024 14:31	29402 BELT_T1	6	7	1	1.95	1.74	-0.21	0	0	0	0	0	0	0	0
3/14/2024 14:31	52402 GRPA_T2	44	15	-29	0.46	0.73	0.27	0	0	0	0	0	0	0	0
3/14/2024 14:31	55001 NEWP_T1	2	1	-1	0.3	0.3	0	0	0	0	0	0	0	0	0
3/14/2024 14:32	54502 ENOL_T2	15	43	28	0.19	0.17	-0.02	0	0	0	0	0	0	0	0
3/14/2024 14:32	54503 ENOL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/14/2024 14:32	54502 ENOL_T2	15	43	28	0.19	0.17	-0.02	0	0	0	0	0	0	0	0
3/14/2024 14:32	46803 HEPB_T2	6	7	1	0.33	0.39	0.06	0	0	0	0	0	0	0	0
3/14/2024 14:32	42701 AUGU_T1	7	6	-1	0.49	0.57	0.08	0	0	0	0	0	0	0	0
3/14/2024 14:33	55001 NEWP_T1	2	1	-1	0.3	0.3	0	0	0	0	0	0	0	0	0
3/14/2024 14:33	46803 HEPB_T2	6	7	1	0.33	0.39	0.06	0	0	0	0	0	0	0	0
3/14/2024 14:33	10801 CHNI_T1	7	5	-2	0.73	0.64	-0.09	0	0	0	0	0	0	0	0
3/14/2024 14:33	59302 MCAL_T1	1	1	0	0.4	1	0.6	0	0	0	0	0	0	0	0
3/14/2024 14:34	29401 BELT_T1	12	19	7	0.28	0.2	-0.08	0	0	0	0	0	0	0	0
3/14/2024 14:35	42201 SHEN_T2	2	2	0	1.05	1.4	0.35	0	0	0	0	0	0	0	0
3/14/2024 14:35	14404 SSLA_T1	600	595	-5	0.46	0.45	-0.01	0	0	0	0	0	0	0	0
3/14/2024 14:35	57401 SPAN_T1	3	2	-1	0.93	1.3	0.37	0	0	0	0	0	0	0	0
3/14/2024 14:35	13904 SEID_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/14/2024 14:36	14402 SSLA_T1	636	644	8	0.5	0.46	-0.04	0	0	0	0	0	0	0	0
3/14/2024 14:36	55001 NEWP_T1	2	1	-1	0.3	0.3	0	0	0	0	0	0	0	0	0
3/14/2024 14:37	14403 SSLA_T1	69	72	3	0.51	0.47	-0.04	0	0	0	0	0	0	0	0
3/14/2024 14:37	15204 SFAR_T2	1	1	0	0.2	0.3	0.1	0	0	0	0	0	0	0	0
3/14/2024 14:37	54503 ENOL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/14/2024 14:37	56802 BENV_T2	6	6	0	0.55	0.57	0.02	0	0	0	0	0	0	0	0
3/14/2024 14:37	67605 WARW_T1	55	53	-2	0.6	0.69	0.09	0	0	0	0	0	0	0	0
3/14/2024 14:37	26402 INOR_T1	4	4	0	0.8	0.9	0.1	0	0	0	0	0	0	0	0
3/14/2024 14:38	60801 BUCK_T1	0	1	1	0	0.3	0.3	0	0	0	0	0	0	0	0
3/14/2024 14:38	45402 WBLO_T2	49	65	16	0.31	0.39	0.08	0	0	0	0	0	0	0	0
3/14/2024 14:38	56803 BENV_T1	5	6	1	0.84	0.8	-0.04	0	0	0	0	0	0	0	0
3/14/2024 14:38	45601 WOOL_T1	1	1	0	0.2	0.3	0.1	0	0	0	0	0	0	0	0
3/14/2024 14:38	14401 SSLA_T1	324	333	9	0.26	0.27	0.01	0	0	0	0	0	0	0	0
3/14/2024 14:38	45902 AUBU_T1	4	4	0	0.25	0.48	0.23	0	0	0	0	0	0	0	0
3/14/2024 14:38	57403 SPAN_T1	154	156	2	0.25	0.25	0	0	0	0	0	0	0	0	0
3/14/2024 14:38	56802 BENV_T2	6	6	0	0.55	0.57	0.02	0	0	0	0	0	0	0	0
3/14/2024 14:39	67104 SPRI_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/14/2024 14:39	45901 AUBU_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/14/2024 14:39	46004 BERW_T2	4	2	-2	0.3	0.3	0	0	0	0	0	0	0	0	0
3/14/2024 14:39	67605 WARW_T1	55	53	-2	0.6	0.69	0.09	0	0	0	0	0	0	0	0
3/14/2024 14:39	45602 WOOL_T1	6	3	-3	0.37	0.87	0.5	0	0	0	0	0	0	0	0
3/14/2024 14:39	56802 BENV_T2	6	6	0	0.55	0.57	0.02	0	0	0	0	0	0	0	0
3/14/2024 14:39	56801 BENV_T1	43	43	0	1.16	1.26	0.1	0	0	0	0	0	0	0	0
3/14/2024 14:40	60201 ATGL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/14/2024 14:40	14403 SSLA_T1	69	72	3	0.51	0.47	-0.04	0	0	0	0	0	0	0	0
3/14/2024 14:40	45901 AUBU_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/14/2024 14:40	45602 WOOL_T1	6	3	-3	0.37	0.87	0.5	0	0	0	0	0	0	0	0
3/14/2024 14:40	45402 WBLO_T2	49	65	16	0.31	0.39	0.08	0	0	0	0	0	0	0	0
3/14/2024 14:40	52401 GRPA_T2	6	5	-1	0.35	0.34	-0.01	0	0	0	0	0	0	0	0
3/14/2024 14:40	56802 BENV_T2	6	6	0	0.55	0.57	0.02	0	0	0	0	0	0	0	0
3/14/2024 14:40	27503 WEIS_T2	11	28	17	0.39	0.23	-0.16	0	0	0	0	0	0	0	0
3/14/2024 14:40	56801 BENV_T1	43	43	0	1.16	1.26	0.1	0	0	0	0	0	0	0	0
3/14/2024 14:41	45902 AUBU_T1	4	4	0	0.25	0.48	0.23	0	0	0	0	0	0	0	0
3/14/2024 14:41	46203 DANV_T2	127	114	-13	0.58	0.47	-0.11	0	0	0	0	0	0	0	0
3/14/2024 14:41	56803 BENV_T1	5	6	1	0.84	0.8	-0.04	0	0	0	0	0	0	0	0
3/14/2024 14:41	10801 CHNI_T1	7	5	-2	0.73	0.64	-0.09	0	0	0	0	0	0	0	0
3/14/2024 14:41	23902 EFMO_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/14/2024 14:41	43001 ALWD_T1	6	6	0	0.6	0.92	0.32	0	0	0	0	0	0	0	0
3/14/2024 14:41	56802 BENV_T2	6	6	0	0.55	0.57	0.02	0	0	0	0	0	0	0	0
3/14/2024 14:41	40201 BEGA_T2	2	2	0	0.9	0.5	-0.4	0	0	0	0	0	0	0	0
3/14/2024 14:42	54506 ENOL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/14/2024 14:42	52401 GRPA_T2	6	5	-1	0.35	0.34	-0.01	0	0	0	0	0	0	0	0
3/14/2024 14:42	46002 BERW_T2	1	2	1	0.1	0.15	0.05	0	0	0	0	0	0	0	0
3/14/2024 14:42	16103 BING_T2	0	1	1	0	0.7	0.7	0	0	0	0	0	0	0	0
3/14/2024 14:42	67603 WARW_T1	4	4	0	0.73	0.85	0.12	0	0	0	0	0	0	0	0
3/14/2024 14:42	29402 BELT_T1	6	7	1	1.95	1.74	-0.21	0	0	0	0	0	0	0	0
3/14/2024 14:42	59102 WALK_T2	1	4	3	0.2	0.28	0.08	0	0	0	0	0	0	0	0
3/14/2024 14:42	45901 AUBU_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/14/2024 14:42	56801 BENV_T1	43	43	0	1.16	1.26	0.1	0	0	0	0	0	0	0	0
3/14/2024 14:43	46801 HEPB_T2	2	6	4	1.2	0.53	-0.67	0	0	0	0	0	0	0	0
3/14/2024 14:43	41801 GOCI_T2	196	198	2	0.35	0.34	-0.01	0	0	0	0	0	0	0	0
3/14/2024 14:43	46204 DANV_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/14/2024 14:43	54505 ENOL_T2	5	6	1	0.74	0.57	-0.17	0	0	0	0	0	0	0	0
3/14/2024 14:43	56803 BENV_T1	5	6	1	0.84	0.8	-0.04	0	0	0	0	0	0	0	0
3/14/2024 14:43	47901 HRDG_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/14/2024 14:43	29402 BELT_T1	6	7	1	1.95	1.74	-0.21	0	0	0	0	0	0	0	0
3/14/2024 14:43	45902 AUBU_T1	4	4	0	0.25	0.48	0.23	0	0	0	0	0	0	0	0
3/14/2024 14:43	10801 CHNI_T1	7	5	-2	0.73	0.64	-0.09	0	0	0	0	0	0	0	0
3/14/2024 14:43	45602 WOOL_T1	6	3	-3	0.37	0.87	0.5	0	0	0	0	0	0	0	0
3/14/2024 14:44	56801 BENV_T1	43	43	0	1.16	1.26	0.1	0	0	0	0	0	0	0	0
3/14/2024 14:44	54503 ENOL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/14/2024 14:44	29402 BELT_T1	6	7	1	1.95	1.74	-0.21	0	0	0	0	0	0	0	0
3/14/2024 14:44	17002 RIRO_T2	17	23	6	0.41	0.29	-0.12	0	0	0	0	0	0	0	0
3/14/2024 14:45	47901 HRDG_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/14/2024 14:45	54501 ENOL_T2	5	6	1	0.22	0.33	0.11	0	0	0	0	0	0	0	0
3/14/2024 14:45	45602 WOOL_T1	3	4	1	0.57	0.68	0.11	0	0	0	0	0	0	0	0
3/14/2024 14:45	29401 BELT_T1	6	29	23	0.35	0.19	-0.16	0	0	0	0	0	0	0	0
3/14/2024 14:45	64204 KINZ_T1	3	3	0	0.7	0.7	0	0	0	0	0	0	0	0	0
3/14/2024 14:45	23901 EFMO_T2	1	0	-1	0.1	0	-0.1	0	0	0	0	0	0	0	0
3/14/2024 14:46	54506 ENOL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/14/2024 14:46	52401 GRPA_T2	5	6	1	0.34	0.5	0.16	0	0	0	0	0	0	0	0
3/14/2024 14:46	54503 ENOL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/14/2024 14:46	54504 ENOL_T2	3	3	0	0.3	0.37	0.07	0	0	0	0	0	0	0	0
3/14/2024 14:46	29401 BELT_T1	6	29	23	0.35	0.19	-0.16	0	0	0	0	0	0	0	0
3/14/2024 14:46	41802 GOCI_T2	1	1	0	0.1	0.2	0.1	0	0	0	0	0	0	0	0
3/14/2024 14:47	65005 NEFF_T2	1	1	0	0.9	0.7	-0.2	0	0	0	0	0	0	0	0
3/14/2024 14:47	54503 ENOL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/14/2024 14:47	54504 ENOL_T2	3	3	0	0.3	0.37	0.07	0	0	0	0	0	0	0	0
3/14/2024 14:47	54501 ENOL_T2	5	6	1	0.22	0.33	0.11	0	0	0	0	0	0	0	0
3/14/2024 14:47	42901 MIDD_T2	1	2	1	0.1	0.1	0	0	0	0	0	0	0	0	0
3/14/2024 14:47	54504 ENOL_T2	3	3	0	0.3	0.37	0.07	0	0	0	0	0	0	0	0
3/14/2024 14:47	52002 LING_T2	1	2	1	1.3	0.75	-0.55	0	0	0	0	0	0	0	0
3/14/2024 14:47	46803 HEPB_T2	6	10	4	0.3	0.33	0.03	0	0	0	0	0	0	0	0
3/14/2024 14:47	55001 NEWP_T1	1	1	0	0.1	0.3	0.2	0	0	0	0	0	0	0	0
3/14/2024 14:47	52404 GRPA_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/14/2024 14:47	25502 MADI_T1	1	1	0	0.6	0.3	-0.3	0	0	0	0	0	0	0	0
3/14/2024 14:48	54505 ENOL_T2	6	5	-1	0.57	0.6	0.03	0	0	0	0	0	0	0	0
3/14/2024 14:48	42802 SELI_T1	1	0	-1	0.1	0	-0.1	0	0	0	0	0	0	0	0
3/14/2024 14:48	66503 SMAN_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/14/2024 14:48	52403 GRPA_T2	19	18	-1	0.38	0.27	-0.11	0

3/14/2024 15:07	46702 RENO_T1	2	10	8	0.25	0.12	-0.13	0	0	0	0	0	0	0
3/14/2024 15:07	46701 RENO_T1	2	37	35	4.3	0.35	-3.95	0	0	0	0	0	0	0
3/14/2024 15:07	42701 AUGU_T1	4	4	0	0.63	0.55	-0.08	0	0	0	0	0	0	0
3/14/2024 15:07	14801 TREI_T2	168	154	-14	0.64	0.66	0.02	0	0	0	0	0	0	0
3/14/2024 15:08	15001 BLMO_T1	8	7	-1	0.81	0.94	0.13	0	0	0	0	0	0	0
3/14/2024 15:08	26001 WDAM_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
3/14/2024 15:08	42701 AUGU_T1	4	4	0	0.63	0.55	-0.08	0	0	0	0	0	0	0
3/14/2024 15:09	67604 WARW_T1	0	869	869	0	0	0	0	0	0	0	0	0	0
3/14/2024 15:09	45902 AUBU_T1	2	9	7	0.2	0.48	0.28	0	0	0	0	0	0	0
3/14/2024 15:09	10801 CHHI_T1	4	5	1	0.38	0.34	-0.04	0	0	0	0	0	0	0
3/14/2024 15:12	28601 BLYT_T2	1	2	1	0.2	0.1	-0.1	0	0	0	0	0	0	0
3/14/2024 15:13	54503 ENOL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
3/14/2024 15:14	46602 LACR_T1	7	7	0	0.6	0.61	0.01	0	0	0	0	0	0	0
3/14/2024 15:15	52404 GRPA_T2	0	1	1	0	0.1	0.1	0	0	0	0	0	0	0
3/14/2024 15:15	40101 HUNT_T2	3	3	0	0.27	0.37	0.1	0	0	0	0	0	0	0
3/14/2024 15:15	45901 AUBU_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
3/14/2024 15:15	67603 WARW_T1	3	6	3	0.77	0.57	-0.2	0	0	0	0	0	0	0
3/14/2024 15:15	10801 CHHI_T1	5	3	-2	0.34	0.4	0.06	0	0	0	0	0	0	0
3/14/2024 15:19	59302 MCAL_T1	0	1	1	0	0.2	0.2	0	0	0	0	0	0	0
3/14/2024 15:20	43802 SWIL_T1	1	0	-1	0.3	0	-0.3	0	0	0	0	0	0	0
3/14/2024 15:21	43801 SWIL_T1	97	91	-6	0.28	0.29	0.01	0	0	0	0	0	0	0
3/14/2024 15:23	43802 SWIL_T1	1	0	-1	0.3	0	-0.3	0	0	0	0	0	0	0
3/14/2024 15:25	52404 GRPA_T2	0	1	1	0	0.1	0.1	0	0	0	0	0	0	0
3/14/2024 15:25	45901 AUBU_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
3/14/2024 15:25	10801 CHHI_T1	5	3	-2	0.34	0.4	0.06	0	0	0	0	0	0	0
3/14/2024 15:26	56802 BENV_T2	5	8	3	0.46	0.33	-0.13	0	0	0	0	0	0	0
3/14/2024 15:29	54503 ENOL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
3/14/2024 15:30	10801 CHHI_T1	3	1	-2	0.4	0.7	0.3	0	0	0	0	0	0	0
3/14/2024 15:30	45902 AUBU_T1	9	6	-3	0.48	0.5	0.02	0	0	0	0	0	0	0
3/14/2024 15:41	67604 WARW_T1	634	0	-634	6.57	0	-6.57	0	0	0	0	0	0	0
3/14/2024 15:41	45902 AUBU_T1	9	6	-3	0.48	0.5	0.02	0	0	0	0	0	0	0
3/14/2024 15:41	10801 CHHI_T1	3	1	-2	0.4	0.7	0.3	0	0	0	0	0	0	0
3/14/2024 15:43	23901 EFMO_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
3/14/2024 15:45	54505 ENOL_T2	3	3	0	1	1	0	0	0	0	0	0	0	0
3/14/2024 15:46	67603 WARW_T1	6	5	-1	0.57	0.66	0.09	0	0	0	0	0	0	0
3/14/2024 15:46	45901 AUBU_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
3/14/2024 15:46	10801 CHHI_T1	1	1	0	0.7	0.5	-0.2	0	0	0	0	0	0	0
3/14/2024 15:49	52404 GRPA_T2	1	1	0	0.1	0.3	0.2	0	0	0	0	0	0	0
3/14/2024 15:53	43001 ALWD_T1	10	8	-2	0.18	0.16	-0.02	0	0	0	0	0	0	0
3/14/2024 15:57	67605 WARW_T1	83	106	23	0.69	0.59	-0.1	0	0	0	0	0	0	0
3/14/2024 15:57	45902 AUBU_T1	6	7	1	0.47	0.39	-0.08	0	0	0	0	0	0	0
3/14/2024 15:57	10801 CHHI_T1	1	1	0	0.7	0.5	-0.2	0	0	0	0	0	0	0
3/14/2024 16:00	54502 ENOL_T2	41	21	-20	0.27	0.15	-0.12	0	0	0	0	0	0	0
3/14/2024 16:00	54505 ENOL_T2	3	3	0	1	0.77	-0.23	0	0	0	0	0	0	0
3/14/2024 16:00	52401 GRPA_T2	3	2	-1	0.63	0.85	0.22	0	0	0	0	0	0	0
3/14/2024 16:02	65002 NEFF_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
3/14/2024 16:02	10801 CHHI_T1	1	1	0	0.5	0.4	-0.1	0	0	0	0	0	0	0
3/14/2024 16:02	45901 AUBU_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
3/14/2024 16:02	67604 WARW_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
3/14/2024 16:03	54502 ENOL_T2	41	21	-20	0.27	0.15	-0.12	0	0	0	0	0	0	0
3/14/2024 16:07	45901 AUBU_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
3/14/2024 16:07	46301 ROHR_T1	103	105	2	0.21	0.2	-0.01	0	0	0	0	0	0	0
3/14/2024 16:08	46302 ROHR_T1	11	10	-1	1.28	1.26	-0.02	0	0	0	0	0	0	0
3/14/2024 16:09	59102 WALK_T2	0	2	2	0	0.1	0.1	0	0	0	0	0	0	0
3/14/2024 16:12	45902 AUBU_T1	4	7	3	0.58	0.4	-0.18	0	0	0	0	0	0	0
3/14/2024 16:12	10801 CHHI_T1	1	1	0	0.5	0.4	-0.1	0	0	0	0	0	0	0
3/14/2024 16:13	46504 LOHA_T1	2	2	0	0.9	0.75	-0.15	0	0	0	0	0	0	0
3/14/2024 16:14	46504 LOHA_T1	2	2	0	0.9	0.75	-0.15	0	0	0	0	0	0	0
3/14/2024 16:14	28602 BLYT_T2	2	2	0	0.4	0.45	0.05	0	0	0	0	0	0	0
3/14/2024 16:17	46502 LOHA_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
3/14/2024 16:18	54506 ENOL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
3/14/2024 16:18	65003 NEFF_T2	97	117	20	0.19	0.21	0.02	0	0	0	0	0	0	0
3/14/2024 16:18	10801 CHHI_T1	1	0	-1	0.4	0	-0.4	0	0	0	0	0	0	0
3/14/2024 16:23	45902 AUBU_T1	7	5	-2	0.33	0.42	0.09	0	0	0	0	0	0	0
3/14/2024 16:24	46005 BERW_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
3/14/2024 16:27	46001 BERW_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
3/14/2024 16:28	45902 AUBU_T1	7	5	-2	0.33	0.42	0.09	0	0	0	0	0	0	0
3/14/2024 16:28	67605 WARW_T1	64	64	0	0.78	0.74	-0.04	0	0	0	0	0	0	0
3/14/2024 16:28	10801 CHHI_T1	1	0	-1	0.4	0	-0.4	0	0	0	0	0	0	0
3/14/2024 16:33	10801 CHHI_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
3/14/2024 16:33	46101 MACI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
3/14/2024 16:36	47403 PENS_T1	0	2	2	0	0.2	0.2	0	0	0	0	0	0	0
3/14/2024 16:38	47402 PENS_T1	1	2	1	0.2	0.35	0.15	0	0	0	0	0	0	0
3/14/2024 16:49	65001 NEFF_T2	103	71	-32	0.14	0.14	0	0	0	0	0	0	0	0
3/14/2024 16:55	45902 AUBU_T1	2	4	2	0.75	0.28	-0.47	0	0	0	0	0	0	0
3/14/2024 16:55	10801 CHHI_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
3/14/2024 16:59	65002 NEFF_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
3/14/2024 17:00	45902 AUBU_T1	1	4	3	0.7	0.23	-0.47	0	0	0	0	0	0	0
3/14/2024 17:00	10801 CHHI_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
3/14/2024 17:19	46102 MACI_T1	63	29	-34	0.16	0.14	-0.02	0	0	0	0	0	0	0
3/14/2024 17:31	40101 HUNT_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
3/14/2024 17:34	52404 GRPA_T2	1	1	0	0.2	0.2	0	0	0	0	0	0	0	0
3/14/2024 17:43	20603 GRWO_T2	4	7	3	0.1	0.24	0.14	0	0	0	0	0	0	0
3/14/2024 17:47	60803 BUCK_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
3/14/2024 20:23	54001 SDLE_T1	2	2	0	0.45	0.4	-0.05	0	0	0	0	0	0	0
3/14/2024 20:47	61103 BERK_T5	0	0	0	0	0	0	0	0	0	0	0	0	0
3/14/2024 20:53	65002 NEFF_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
3/14/2024 20:54	25502 MADI_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
3/14/2024 20:57	62604 ENGL_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
3/14/2024 21:00	65804 RTWN_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
3/14/2024 21:00	16101 BING_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
3/14/2024 21:01	13501 MCMI_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
3/14/2024 21:01	17002 RIRO_T2	105	-1	-104	0.15	0.1	-0.05	0	0	0	0	0	0	0
3/14/2024 21:02	29401 BELT_T1	0	24	24	0	0.12	0.12	0	0	0	0	0	0	0
3/14/2024 21:02	28702 HAML_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
3/14/2024 21:02	15701 TANN_T1	5	47	42	1.18	0.28	-0.9	0	0	0	0	0	0	0
3/14/2024 21:02	45902 AUBU_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
3/14/2024 21:02	46102 MACI_T1	89	207	118	0.16	0.25	0.09	0	0	0	0	0	0	0
3/14/2024 21:03	61303 EARL_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
3/14/2024 21:03	17804 GILB_T2	0	2	2	0	0.1	0.1	0	0	0	0	0	0	0
3/14/2024 21:03	13501 MCMI_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
3/14/2024 21:04	27503 WEIS_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
3/14/2024 21:05	57704 PAXT_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
3/14/2024 21:05	10805 CHHI_T2	1	1	0	7.3	7	-0.3	0	0	0	0	0	0	0
3/14/2024 21:05	29401 BELT_T1	0	24	24	0	0.12	0.12	0	0	0	0	0	0	0
3/14/2024 21:06	23901 EFMO_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
3/14/2024 21:06	45902 AUBU_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
3/14/2024 21:07	10801 CHHI_T1	1	0	-1	0.3	0	-0.3	0	0	0	0	0	0	0
3/14/2024 21:07	45901 AUBU_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
3/14/2024 21:07	11507 FREE_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
3/14/2024 21:07	13503 MCMI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
3/14/2024 21:07	46302 ROHR_T1	4	4	0	2.1	2.45	0.35	0	0	0	0	0	0	0
3/14/2024 21:07	14402 SSLA_T1	277	428	151	0.3	0.41	0.11	0	0	0	0	0	0	0
3/14/2024 21:07	17804 GILB_T2	0	2	2	0	0.1	0.1	0	0	0	0	0	0	0
3/14/2024 21:07	20403 ASHF_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
3/14/2024 21:08	64903 MILL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
3/14/2024 21:08	23901 EFMO_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
3/14/2024 21:08	13902 SEID_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
3/14/2024 21:08	67502 WEWI_T2	22	13	-9	0.12	0.12	0	0	0	0	0	0	0	0
3/14/2024 21:08	60101 COCA_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
3/14/2024 21:08	15001 BLMO_T1	3	4	1	0.17	0.23	0.06	0	0	0	0	0	0	0
3/14/2024 21:08	59102 WALK_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
3/14/2024 21:08	14402 SSLA_T1	277	428	151	0.3	0.41	0.11	0	0	0	0	0	0	0
3/14/2024 21:08	46001 BERW_T1	1	0	-1	0.1	0	-0.1	0	0	0	0	0	0	0
3/14/2024 21:08	14801 TREI_T2	54	91	37	0.18	0.38	0.2	0	0	0	0	0	0	0
3/14/2024 21:08	46101 MACI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
3/14/2024 21:09	29401 BELT_T1	0	24	24	0	0.12	0.12	0	0	0	0	0	0	0
3/14/2024 21:09	65001 NEFF_T2	238	219	-19	0.43	0.27	-0.16	0	0	0	0	0	0	0
3/14/2024 21:09	52404 GRPA_T2	1	1	0	0.8	1	0.2	0	0	0	0	0	0	0
3/14/2024 21:10	51002 NHAR_T1	1	1	0	0.6	1	0.4	0	0	0	0	0	0	0
3/14/2024 21:10	46202 DANV_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
3/14/2024 21:11	54505 ENOL_T2	1	1	0	1.4	1.6	0.2	0	0	0	0	0	0	0
3/14/2024 21:11	55001 NEWP_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
3/14/2024 21:11	55001 NEWP_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
3/14/2024 21:11	46002 BERW_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
3/14/2024 21:11	56802 BENV_T2	7	0	-7	0.13	0	-0.13	0	0	0	0	0	0	0
3/14/2024 21:11	10805 CHHI_T2	1	1	0	7.3	7	-0.3	0	0	0	0	0	0	0
3/14/2024 21:12	28601 BLYT_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
3/14/2024 21:12	54503 ENOL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
3/14/2024 21:12	42802 SELI_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
3/14/2024 21:12	53902 HAU_T2	1	1	0	5.7	6	0.3	0	0	0	0	0	0	0
3/14/2024 21:13	41802 GOCI_T2	0	9	9	0	0.13	0.13	0	0	0	0	0	0	0
3/14/2024 21:13	46701 RENO_T1	1	9	8	8.2	1.06	-7.14	0	0	0	0	0	0	0
3/14/2024 21:13	40602 PIGR_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
3/14/2024 21:13	43202 MVIL_T2	60	87	27	0.58	0.59	0.01	0	0	0	0	0	0	0
3/14/2024 21:13	41602 CLEV_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
3/14/2024 21:13	42002 MNVL_T2	1	1	0	4.3	4.1	-0.2	0	0	0	0	0	0	0
3/14/2024 21:13	14802 TREI_T2	15	24	9	0.3	0.45	0.15	0	0	0	0	0	0	0
3/14/2024 21:13	46002 BERW_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
3/14/2024 21:14	54504 ENOL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
3/14/2024 21:14	54502 ENOL_T2	3	29	26	0.3	0.15	-0.15	0	0	0	0	0	0	0
3/14/2024 21:14	40603 PIGR_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
3/14/2024 21:14	41602 CLEV_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
3/14/2024 21:15	52404 GRPA_T2	1	1	0	0.9	1.2	0.3	0	0	0	0	0	0	0
3/14/2024 21:15	47402 PENS_T1	0	1	1	0	0.2	0.2	0	0	0	0	0	0	0
3/14/2024 21:15	43202 MVIL_T2	86	86	0	0.58	0.72	0.14	0	0	0	0	0	0	0
3/14/2024 21:15	56802 BENV_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
3/14/2024 21:16	60402 DILL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
3/14/2024 21:16	54501 ENOL_T2	4	4	0	0.55	0.65	0.1	0	0	0	0	0	0	0
3/14/2024 21:16	54502 ENOL_T2	21	37	16	0.14	0.16	0.02	0	0	0	0	0	0	0
3/14/2024 21:17	42803 SELI_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
3/14/2024 21:17	40601 PIGR_T1	143	203	60	0.22	0.35	0.13	0	0	0	0	0	0	0
3/14/2024 21:17	56802 BENV_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
3/14/2024 21:17	64801 MONE_T2	199	312	113	0.41	0.51	0.1	0	0	0	0	0	0	0
3/14/2024 21:18	54505 ENOL_T2	1	1	0	1.6	1.7	0.1	0	0	0	0	0	0	0
3/14/2024 21:19	46501 LOHA_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
3/14/2024 21:19	67401 WAKE_T2	4	20	16	0.1	0.14	0.04	0	0	0	0	0	0	0
3/14/2024 21:19	47403 PENS_T1	2	6	4	0.1	0.12	0.02	0	0	0	0	0	0	0
3/14/2024 21:19	46702 RENO_T1	0	7	7	0	0.11	0.11	0	0	0	0	0	0	0
3/14/2024 21:20	54501 ENOL_T2	4	4	0	0.55	0.65	0.1	0	0	0	0	0	0	0
3/14/2024 21:22	54505 ENOL_T2	1	1	0	1.6	1.7	0.1	0	0	0	0	0	0	0
3/14/2024 21:23	54503 ENOL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
3/14/2024 21:35	65002 NEFF_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
3/14/2024 22:02	13502 MCMI_T1	0	100	100	0	0.16	0.16	0	0	0	0	0	0	0
3/14/2024 22:20	67605 WARW_T1	16	36	20	0.76	0.63	-0.13	0	0	0	0	0	0	0
3/14/2024 22:32	65005 NEFF_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
3/14/2024 23:10	65004 NEFF_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
3/15/2024 0:23	65003 NEFF_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
3/15/2024 0:49	65004 NEFF_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
3/15/2024 1:05	65003 NEFF_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
3/15/2024 1:42	65001 NEFF_T2	15	110	95	0.13	0.15	0.02	0	0	0	0	0	0	0
3/15/2024 2:34	65005 NEFF_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
3/15/2024 2:50	65005 NEFF_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
3/15/2024 3:27	65002 NEFF_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
3/15/2024 4:25	65002 NEFF_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
3/15/2024 4:51	65004 NEFF_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
3/15/2024 5:22	65003 NEFF_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
3/15/2024 6:15	65003 NEFF_T2	0	4	4	0	0.1	0.1	0	0	0	0	0	0	0
3/15/2024 7:49	65003 NEFF_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
3/15/2024 8:36	54001 SDLE_T1	1	2	1	0.3	0.35	0.05	0	0	0	0	0	0	0
3/15/2024 8:36	44601 SALE_T2	1	1	0	0.1	0.4	0.3	0	0	0	0	0	0	0
3/15/2024 8:36	45702 LIND_T2	1	1	0	1.1	1.2	0.1	0	0	0

Appendix C - Grid Benefits Achieved in Each Instance of Active Management

3/15/2024 8:37	40101 HUNT_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
3/15/2024 8:37	56803 BENV_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
3/15/2024 8:37	67503 WEWI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
3/15/2024 8:37	52403 GRPA_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
3/15/2024 8:37	15104 UPHA_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
3/15/2024 8:37	15001 BLMO_T1	3	4	1	0.17	0.6	0.43	0	0	0	0	0	0	0
3/15/2024 8:37	59003 MIFF_T1	0	1	1	0	0.5	0.5	0	0	0	0	0	0	0
3/15/2024 8:37	43001 ALWD_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
3/15/2024 8:37	43201 MVIL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
3/15/2024 8:38	15602 NSTR_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
3/15/2024 8:38	67105 SPRI_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
3/15/2024 8:38	46301 ROHR_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
3/15/2024 8:38	46801 HEPB_T2	2	2	0	0.4	0.6	0.2	0	0	0	0	0	0	0
3/15/2024 8:38	56801 BENV_T1	27	32	5	0.8	0.93	0.13	0	0	0	0	0	0	0
3/15/2024 8:38	17805 GILB_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
3/15/2024 8:38	40101 HUNT_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
3/15/2024 8:38	52503 PROG_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
3/15/2024 8:38	46602 LACR_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
3/15/2024 8:38	67503 WEWI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
3/15/2024 8:38	15203 SFAR_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
3/15/2024 8:38	59301 MCAL_T1	0	2	2	0	0.2	0.2	0	0	0	0	0	0	0
3/15/2024 8:38	43802 SWIL_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
3/15/2024 8:38	47901 HRDG_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
3/15/2024 8:38	45902 AUBU_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
3/15/2024 8:38	14802 TREI_T2	0	3	3	0	0.1	0.1	0	0	0	0	0	0	0
3/15/2024 8:38	67603 WARW_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
3/15/2024 8:38	15001 BLMO_T1	3	4	1	0.17	0.6	0.43	0	0	0	0	0	0	0
3/15/2024 8:38	57403 SPAN_T1	25	33	8	0.17	0.19	0.02	0	0	0	0	0	0	0
3/15/2024 8:38	47802 MOCA_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
3/15/2024 8:38	56802 BENV_T2	1	9	8	1.1	0.23	-0.87	0	0	0	0	0	0	0
3/15/2024 8:38	48303 ORWI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
3/15/2024 8:38	42701 AUGU_T1	1	1	0	1.3	1.6	0.3	0	0	0	0	0	0	0
3/15/2024 8:39	52402 GRPA_T2	3	3	0	1.63	2.07	0.44	0	0	0	0	0	0	0
3/15/2024 8:39	60801 BUCK_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
3/15/2024 8:39	54501 ENOL_T2	0	4	4	0	0.18	0.18	0	0	0	0	0	0	0
3/15/2024 8:39	54001 SOLE_T1	1	2	1	0.3	0.35	0.05	0	0	0	0	0	0	0
3/15/2024 8:39	28604 BLYT_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
3/15/2024 8:39	46203 DANV_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
3/15/2024 8:39	10703 CATA_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
3/15/2024 8:39	20403 ASHF_T2	3	10	7	0.1	0.13	0.03	0	0	0	0	0	0	0
3/15/2024 8:39	67201 TEHI_T1	1	0	-1	0.3	0	-0.3	0	0	0	0	0	0	0
3/15/2024 8:39	46803 HEPB_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
3/15/2024 8:39	54506 ENOL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
3/15/2024 8:39	28703 HAML_T2	3	5	2	1.6	1.1	-0.5	0	0	0	0	0	0	0
3/15/2024 8:39	29401 BELT_T1	25	33	8	0.12	0.18	0.06	0	0	0	0	0	0	0
3/15/2024 8:39	14801 TREI_T2	0	8	8	0	0.1	0.1	0	0	0	0	0	0	0
3/15/2024 8:39	46504 LOHA_T1	2	2	0	1.15	0.75	-0.4	0	0	0	0	0	0	0
3/15/2024 8:39	15703 TANN_T2	1	1	0	6	5.8	-0.2	0	0	0	0	0	0	0
3/15/2024 8:39	14802 TREI_T2	0	3	3	0	0.1	0.1	0	0	0	0	0	0	0
3/15/2024 8:39	47401 PENS_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
3/15/2024 8:39	52402 GRPA_T2	3	3	0	1.63	2.07	0.44	0	0	0	0	0	0	0
3/15/2024 8:39	64903 MILL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
3/15/2024 8:39	59001 MIFF_T1	0	1	1	0	0.5	0.5	0	0	0	0	0	0	0
3/15/2024 8:39	17803 GILB_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
3/15/2024 8:39	20601 GRWD_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
3/15/2024 8:39	54506 ENOL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
3/15/2024 8:39	41802 GOCI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
3/15/2024 8:39	26002 WDAM_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
3/15/2024 8:39	14401 SSLA_T1	1	5	4	0.2	0.22	0.02	0	0	0	0	0	0	0
3/15/2024 8:39	40903 JESH_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
3/15/2024 8:39	46803 HEPB_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
3/15/2024 8:39	46001 BERW_T1	1	2	1	0.1	0.1	0	0	0	0	0	0	0	0
3/15/2024 8:39	57304 MOAL_T2	20	21	1	0.26	0.23	-0.03	0	0	0	0	0	0	0
3/15/2024 8:39	42903 MIDD_T2	2	2	0	1.4	1	-0.4	0	0	0	0	0	0	0
3/15/2024 8:39	48302 ORWI_T2	2	2	0	0.9	0.85	-0.05	0	0	0	0	0	0	0
3/15/2024 8:39	42701 AUGU_T1	1	1	0	1.3	1.6	0.3	0	0	0	0	0	0	0
3/15/2024 8:39	55001 NEWP_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
3/15/2024 8:39	65001 NEFF_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
3/15/2024 8:39	46301 ROHR_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
3/15/2024 8:39	43103 SMIL_T2	17	18	1	0.99	1	0.01	0	0	0	0	0	0	0
3/15/2024 8:39	55001 NEWP_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
3/15/2024 8:39	59102 WALK_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
3/15/2024 8:39	67401 WAKE_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
3/15/2024 8:39	56802 BENV_T2	1	9	8	1.1	0.23	-0.87	0	0	0	0	0	0	0
3/15/2024 8:39	59301 MCAL_T1	0	2	2	0	0.2	0.2	0	0	0	0	0	0	0
3/15/2024 8:39	41901 REED_T1	9	9	0	0.32	0.3	-0.02	0	0	0	0	0	0	0
3/15/2024 8:39	45901 AUBU_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
3/15/2024 8:39	47104 MARL_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
3/15/2024 8:39	58401 MORO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
3/15/2024 8:39	56803 BENV_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
3/15/2024 8:39	13503 MCMI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
3/15/2024 8:39	29401 BELT_T1	25	33	8	0.12	0.18	0.06	0	0	0	0	0	0	0
3/15/2024 8:39	53903 HALI_T2	2	2	0	1.75	1.6	-0.15	0	0	0	0	0	0	0
3/15/2024 8:39	14403 SSLA_T1	0	7	7	0	0.11	0.11	0	0	0	0	0	0	0
3/15/2024 8:39	58402 MORO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
3/15/2024 8:39	67503 WEWI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
3/15/2024 8:39	42102 FRAI_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
3/15/2024 8:39	44601 SALE_T2	1	1	0	0.1	0.4	0.3	0	0	0	0	0	0	0
3/15/2024 8:39	45402 WBLO_T2	14	9	-5	0.24	0.33	0.09	0	0	0	0	0	0	0
3/15/2024 8:40	13503 MCMI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
3/15/2024 8:40	67402 WAKE_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
3/15/2024 8:40	10805 CHHI_T2	1	1	0	8.3	8.2	-0.1	0	0	0	0	0	0	0
3/15/2024 8:40	45602 WOOL_T1	2	3	1	0.65	0.5	-0.15	0	0	0	0	0	0	0
3/15/2024 8:40	43802 SWIL_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
3/15/2024 8:40	52402 GRPA_T2	3	3	0	1.63	2.07	0.44	0	0	0	0	0	0	0
3/15/2024 8:40	43202 MVIL_T2	10	49	39	0.13	0.22	0.09	0	0	0	0	0	0	0
3/15/2024 8:40	14404 SSLA_T1	1	51	50	0.1	0.13	0.03	0	0	0	0	0	0	0
3/15/2024 8:40	45901 AUBU_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
3/15/2024 8:40	41901 REED_T1	9	9	0	0.32	0.3	-0.02	0	0	0	0	0	0	0
3/15/2024 8:40	52404 GRPA_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
3/15/2024 8:40	52404 GRPA_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
3/15/2024 8:40	26002 WDAM_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
3/15/2024 8:40	50107 HARR_T3	0	0	0	0	0	0	0	0	0	0	0	0	0
3/15/2024 8:40	43001 ALWD_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
3/15/2024 8:40	56803 BENV_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
3/15/2024 8:40	16302 ALPA_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
3/15/2024 8:40	14801 TREI_T2	0	8	8	0	0.1	0.1	0	0	0	0	0	0	0
3/15/2024 8:40	40301 TAMA_T3	1	1	0	0	0	0	0	0	0	0	0	0	0
3/15/2024 8:40	54502 ENOL_T2	1	1	0	0.7	1	0.3	0	0	0	0	0	0	0
3/15/2024 8:40	42902 MIDD_T2	13	9	-4	0.22	0.2	-0.02	0	0	0	0	0	0	0
3/15/2024 8:40	54506 ENOL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
3/15/2024 8:40	40603 PIGR_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
3/15/2024 8:40	40201 BEGA_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
3/15/2024 8:40	23901 EFMO_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
3/15/2024 8:40	57306 MOAL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
3/15/2024 8:40	58401 MORO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
3/15/2024 8:40	46702 RENO_T1	1	14	13	0.1	0.11	0.01	0	0	0	0	0	0	0
3/15/2024 8:40	57703 PAXT_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
3/15/2024 8:40	40101 HUNT_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
3/15/2024 8:41	29401 BELT_T1	25	33	8	0.12	0.18	0.06	0	0	0	0	0	0	0
3/15/2024 8:41	47001 HUGH_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
3/15/2024 8:41	29402 BELT_T1	1	1	0	8.4	8.3	-0.1	0	0	0	0	0	0	0
3/15/2024 8:41	67203 TEHI_T1	1	0	-1	0.6	0	-0.6	0	0	0	0	0	0	0
3/15/2024 8:41	42903 MIDD_T2	2	2	0	1.4	1	-0.4	0	0	0	0	0	0	0
3/15/2024 8:41	56801 BENV_T1	27	32	5	0.8	0.93	0.13	0	0	0	0	0	0	0
3/15/2024 8:41	14402 SSLA_T1	2	32	30	0.15	0.17	0.02	0	0	0	0	0	0	0
3/15/2024 8:41	47402 PENS_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
3/15/2024 8:41	43101 SMIL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
3/15/2024 8:41	42001 MNVL_T2	6	87	81	0.18	0.16	-0.02	0	0	0	0	0	0	0
3/15/2024 8:41	24902 WHHA_T1	0	1	1	0	0	0	0	0	0	0	0	0	0
3/15/2024 8:41	20402 ASHF_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
3/15/2024 8:41	66504 SMAN_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
3/15/2024 8:41	46202 DANV_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
3/15/2024 8:41	61803 EELI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
3/15/2024 8:41	67402 WAKE_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
3/15/2024 8:41	55001 NEWP_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
3/15/2024 8:41	13502 MCMI_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
3/15/2024 8:43	52004 LING_T2	0	1	1	0	0.2	0.2	0	0	0	0	0	0	0
3/15/2024 8:43	40101 HUNT_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
3/15/2024 8:50	26401 INOR_T1	0	1	1	0	0	0	0	0	0	0	0	0	0
3/15/2024 8:53	67104 SPRI_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
3/15/2024 9:02	13501 MCMI_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
3/15/2024 9:10	23901 EFMO_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
3/15/2024 9:10	10801 CHHI_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
3/15/2024 9:12	52403 GRPA_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
3/15/2024 9:14	13501 MCMI_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
3/15/2024 9:16	52401 GRPA_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
3/15/2024 9:16	28701 HAML_T2	93	59	-34	0.22	0.27	0.05	0	0	0	0	0	0	0
3/15/2024 9:16	10801 CHHI_T1	0	1	1	0	0.1	0.1	0	0	0	0	0	0	0
3/15/2024 9:18	13502 MCMI_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
3/15/2024 9:18	13503 MCMI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
3/15/2024 9:19	13502 MCMI_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
3/15/2024 9:21	67401 WAKE_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
3/15/2024 9:22	65001 NEFF_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
3/15/2024 9:22	45901 AUBU_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
3/15/2024 9:23	45902 AUBU_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
3/15/2024 9:24	40502 CRES_T2	8	8	0	0.24	0.21	-0.03	0	0	0	0	0	0	0
3/15/2024 9:24	29402 BELT_T1	1	1	0	8.5	8.4	-0.1	0	0	0	0	0	0	0
3/15/2024 9:24	40201 BEGA_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
3/15/2024 9:25	45901 AUBU_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
3/15/2024 9:26	28701 HAML_T2	93	59	-34	0.22	0.27	0.05	0	0	0	0	0	0	0
3/15/2024 9:26	40501 CRES_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
3/15/2024 9:26	29402 BELT_T1	1	1	0	8.5	8.4	-0.1	0	0	0	0	0	0	0
3/15/2024 9:26	45901 AUBU_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
3/15/2024 9:27	23901 EFMO_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
3/15/2024 9:27	45901 AUBU_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
3/15/2024 9:27	41801 GOCI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
3/15/2024 9:27	40501 CRES_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
3/15/2024 9:28	23902 EFMO_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
3/15/2024 9:29	24702 FLND_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
3/15/2024 9:29	41801 GOCI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
3/15/2024 9:33	43105 SMIL_T2	5	6	1	0.12	0.17	0.05	0	0	0	0	0	0	0
3/15/2024 9:33	42002 MNVL_T2	1	1	0	5	4.7	-0.3	0	0	0	0	0	0	0
3/15/2024 9:35	43202 MVIL_T2	50	65	15	0.21	0.38	0.17	0	0	0	0	0	0	0
3/15/2024 9:37	45902 AUBU_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
3/15/2024 9:43	45901 AUBU_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
3/15/2024 9:46	40101 HUNT_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
3/15/2024 9:47	55001 NEWP_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
3/15/2024 9:47	40902 JESH_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
3/15/2024 9:48	13502 MCMI_T1	0	3	3	0	0.1	0.1	0	0	0	0	0	0	0
3/15/2024 9:48	46701 RENO_T1	67	1	-66	0.31	8.1	7.79	0	0	0	0	0	0	0
3/15/2024 9:50	17002 RIRO_T2	4	12	8	0.15	0.25	0.1	0	0	0	0	0	0	0
3/15/2024 9:51	46702 RENO_T1	56	0	-56	0.14	0	-0.14	0	0	0	0	0	0	0
3/15/2024 9:52	29401 BELT_T1	27	44	17	0.13	0.21	0.08	0	0	0	0	0	0	0
3/15/2024 9:52	67402 WAKE_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
3/15/2024 9:53	20403 ASHF_T2	2	89	87	0.2	0.27	0.07	0	0	0	0	0	0	0
3/15/2024 9:53	45901 AUBU_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
3/15/2024 9:54	46205 DANV_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
3/15/2024 9:54	20401 ASHF_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
3/15/2024 9:54	43001 ALWD_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
3/15/2024 9:56	10801 CHHI_T1	1	1	0	0.1	0.3	0.2	0	0	0	0	0	0	0
3/15/2024 9:56	52402 GRPA_T2	3	4	1	1.63	1.23	-0.4	0	0	0	0	0	0	0
3/15/2024 9:56	46002 BERW_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
3/15/2024 9:57	52401 GRPA_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
3/15/2024 9:58	10801 CHHI_T1	1	1	0	0.1	0.3	0.2

3/15/2024 10:00	40501 CRES_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/15/2024 10:00	40505 CRES_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/15/2024 10:00	46002 BERW_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/15/2024 10:00	41903 REED_T1	0	2	0	0	0	0	0	0	0	0	0	0	0	0
3/15/2024 10:00	54601 SUMM_T2	13	12	-1	0.55	0.52	-0.03	0	0	0	0	0	0	0	0
3/15/2024 10:00	43202 MVIL_T2	62	47	-15	0.38	0.21	-0.17	0	0	0	0	0	0	0	0
3/15/2024 10:00	45902 AUBU_T1	0	1	1	0	0.9	0.9	0	0	0	0	0	0	0	0
3/15/2024 10:00	43001 ALWD_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/15/2024 10:00	12501 MITR_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/15/2024 10:00	42301 MOWR_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/15/2024 10:00	58401 MORO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/15/2024 10:00	67402 WAKE_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/15/2024 10:00	42903 MIDD_T2	2	2	0	1.3	1.6	0.3	0	0	0	0	0	0	0	0
3/15/2024 10:00	58003 WCAR_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/15/2024 10:00	43201 MVIL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/15/2024 10:00	40201 BEGA_T2	1	0	-1	0.3	0	-0.3	0	0	0	0	0	0	0	0
3/15/2024 10:00	53502 EVIL_T2	0	1	1	0	0	0	0	0	0	0	0	0	0	0
3/15/2024 10:00	64904 MILL_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/15/2024 10:00	40101 HUNT_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/15/2024 10:03	52402 GRPA_T2	3	5	2	1.57	1.26	-0.31	0	0	0	0	0	0	0	0
3/15/2024 10:03	12701 MACU_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/15/2024 10:06	47101 MARL_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/15/2024 10:06	40101 HUNT_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/15/2024 10:07	46002 BERW_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/15/2024 10:07	45902 AUBU_T1	0	1	1	0	0.9	0.9	0	0	0	0	0	0	0	0
3/15/2024 10:07	60701 BREC_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/15/2024 10:08	45902 AUBU_T1	0	1	1	0	0.9	0.9	0	0	0	0	0	0	0	0
3/15/2024 10:08	67201 TEHI_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/15/2024 10:08	52001 LING_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/15/2024 10:08	60803 BUCK_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/15/2024 10:08	67401 WAKE_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/15/2024 10:08	10801 CHHI_T1	1	1	0	0.3	0.2	-0.1	0	0	0	0	0	0	0	0
3/15/2024 10:08	29401 BELT_T1	42	59	17	0.21	0.18	-0.03	0	0	0	0	0	0	0	0
3/15/2024 10:08	56802 BENV_T2	2	5	3	0.7	0.34	-0.36	0	0	0	0	0	0	0	0
3/15/2024 10:09	45902 AUBU_T1	0	1	1	0	0.9	0.9	0	0	0	0	0	0	0	0
3/15/2024 10:09	20402 ASHF_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/15/2024 10:09	23901 EFMO_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/15/2024 10:09	56802 BENV_T2	2	5	3	0.7	0.34	-0.36	0	0	0	0	0	0	0	0
3/15/2024 10:10	23902 EFMO_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/15/2024 10:10	43001 ALWD_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/15/2024 10:10	20401 ASHF_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/15/2024 10:11	17804 GILB_T2	1	1	0	0.5	0.3	-0.2	0	0	0	0	0	0	0	0
3/15/2024 10:11	41801 GOCI_T2	0	3	3	0	0.17	0.17	0	0	0	0	0	0	0	0
3/15/2024 10:11	56802 BENV_T2	2	5	3	0.7	0.34	-0.36	0	0	0	0	0	0	0	0
3/15/2024 10:12	17803 GILB_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/15/2024 10:12	56802 BENV_T2	2	5	3	0.7	0.34	-0.36	0	0	0	0	0	0	0	0
3/15/2024 10:12	10801 CHHI_T1	1	1	0	0.3	0.2	-0.1	0	0	0	0	0	0	0	0
3/15/2024 10:13	23901 EFMO_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/15/2024 10:14	46803 HEPB_T2	2	1	-1	0.2	0.1	-0.1	0	0	0	0	0	0	0	0
3/15/2024 10:14	41802 GOCI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/15/2024 10:14	28701 HAML_T2	36	62	26	0.13	0.22	0.09	0	0	0	0	0	0	0	0
3/15/2024 10:14	17803 GILB_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/15/2024 10:15	13501 MCMI_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/15/2024 10:15	40101 HUNT_T2	0	3	3	0	0	0	0	0	0	0	0	0	0	0
3/15/2024 10:15	52404 GRPA_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/15/2024 10:16	13503 MCMI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/15/2024 10:16	13502 MCMI_T1	2	11	9	0.1	0.15	0.05	0	0	0	0	0	0	0	0
3/15/2024 10:17	13502 MCMI_T1	2	11	9	0.1	0.15	0.05	0	0	0	0	0	0	0	0
3/15/2024 10:17	25502 MADI_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/15/2024 10:17	40101 HUNT_T2	0	3	3	0	0	0	0	0	0	0	0	0	0	0
3/15/2024 10:18	65003 NEFF_T2	1	1	0	0.1	0.3	0.2	0	0	0	0	0	0	0	0
3/15/2024 10:18	13501 MCMI_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/15/2024 10:20	64801 MONE_T2	134	108	-26	0.34	0.31	-0.03	0	0	0	0	0	0	0	0
3/15/2024 10:22	42701 AUGU_T1	1	1	0	1.1	1	-0.1	0	0	0	0	0	0	0	0
3/15/2024 10:23	15001 BLMO_T1	4	6	2	0.38	0.43	0.05	0	0	0	0	0	0	0	0
3/15/2024 10:23	42701 AUGU_T1	1	1	0	1.1	1	-0.1	0	0	0	0	0	0	0	0
3/15/2024 10:24	14403 SSLA_T1	7	10	3	0.26	0.28	0.02	0	0	0	0	0	0	0	0
3/15/2024 10:24	67604 WARW_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/15/2024 10:24	42701 AUGU_T1	1	1	0	1.1	1	-0.1	0	0	0	0	0	0	0	0
3/15/2024 10:24	29402 BELT_T1	2	3	1	4.3	3.27	-1.03	0	0	0	0	0	0	0	0
3/15/2024 10:24	29402 BELT_T1	2	3	1	4.3	3.27	-1.03	0	0	0	0	0	0	0	0
3/15/2024 10:25	65004 NEFF_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/15/2024 10:25	29401 BELT_T1	34	64	30	0.18	0.19	0.01	0	0	0	0	0	0	0	0
3/15/2024 10:26	29401 BELT_T1	34	64	30	0.18	0.19	0.01	0	0	0	0	0	0	0	0
3/15/2024 10:26	29402 BELT_T1	2	3	1	4.3	3.27	-1.03	0	0	0	0	0	0	0	0
3/15/2024 10:26	24901 WHHA_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/15/2024 10:27	29401 BELT_T1	34	64	30	0.18	0.19	0.01	0	0	0	0	0	0	0	0
3/15/2024 10:27	46003 BERW_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/15/2024 10:27	15001 BLMO_T1	4	6	2	0.38	0.43	0.05	0	0	0	0	0	0	0	0
3/15/2024 10:28	17805 GILB_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/15/2024 10:28	52404 GRPA_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/15/2024 10:29	17802 GILB_T1	1	4	3	0.1	0.33	0.23	0	0	0	0	0	0	0	0
3/15/2024 10:30	52402 GRPA_T2	5	5	0	1.26	1.2	-0.06	0	0	0	0	0	0	0	0
3/15/2024 10:30	12704 MACU_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/15/2024 10:30	17804 GILB_T2	1	0	-1	0.3	0	-0.3	0	0	0	0	0	0	0	0
3/15/2024 10:31	12704 MACU_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/15/2024 10:32	43202 MVIL_T2	38	91	53	0.17	0.82	0.65	0	0	0	0	0	0	0	0
3/15/2024 10:32	64203 KINZ_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/15/2024 10:32	13501 MCMI_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/15/2024 10:33	40602 PIGR_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/15/2024 10:34	57401 SPAN_T1	2	2	0	1	1.3	0.3	0	0	0	0	0	0	0	0
3/15/2024 10:35	66504 SMAN_T2	0	1	1	0	0.2	0.2	0	0	0	0	0	0	0	0
3/15/2024 10:35	40602 PIGR_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/15/2024 10:35	42902 MIDD_T2	12	14	2	0.2	0.28	0.08	0	0	0	0	0	0	0	0
3/15/2024 10:35	46702 RENO_T1	0	4	4	0	0.13	0.13	0	0	0	0	0	0	0	0
3/15/2024 10:36	45402 WBLO_T2	2	8	6	0.85	0.29	-0.56	0	0	0	0	0	0	0	0
3/15/2024 10:36	43106 SMIL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/15/2024 10:36	57401 SPAN_T1	2	2	0	1	1.3	0.3	0	0	0	0	0	0	0	0
3/15/2024 10:36	40603 PIGR_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/15/2024 10:37	13901 SEID_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/15/2024 10:37	44303 BEAV_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/15/2024 10:38	67503 WEWI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/15/2024 10:38	16302 ALPA_T2	1	1	0	0.1	0.2	0.1	0	0	0	0	0	0	0	0
3/15/2024 10:38	45402 WBLO_T2	2	8	6	0.85	0.29	-0.56	0	0	0	0	0	0	0	0
3/15/2024 10:39	67503 WEWI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/15/2024 10:40	16302 ALPA_T2	1	1	0	0.1	0.2	0.1	0	0	0	0	0	0	0	0
3/15/2024 10:40	46003 BERW_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/15/2024 10:41	16302 ALPA_T2	1	1	0	0.1	0.2	0.1	0	0	0	0	0	0	0	0
3/15/2024 10:42	28701 HAML_T2	61	88	27	0.22	0.2	-0.02	0	0	0	0	0	0	0	0
3/15/2024 10:43	46801 HEPB_T2	2	5	3	0.85	0.48	-0.37	0	0	0	0	0	0	0	0
3/15/2024 10:45	59002 MIFF_T1	6	6	0	0.43	1	0.57	0	0	0	0	0	0	0	0
3/15/2024 10:46	65503 MOJO_T2	11	29	18	0.23	0.22	-0.01	0	0	0	0	0	0	0	0
3/15/2024 10:46	52402 GRPA_T2	5	5	0	1.14	1.22	0.08	0	0	0	0	0	0	0	0
3/15/2024 10:47	46202 DANV_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/15/2024 10:47	42901 MIDD_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/15/2024 10:47	42002 MNVL_T2	1	1	0	4.9	4.8	-0.1	0	0	0	0	0	0	0	0
3/15/2024 10:48	59001 MIFF_T1	0	10	10	0	0.14	0.14	0	0	0	0	0	0	0	0
3/15/2024 10:48	46701 RENO_T1	11	6	-5	0.88	1.55	0.67	0	0	0	0	0	0	0	0
3/15/2024 10:50	46206 DANV_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/15/2024 10:50	15701 TANN_T1	1	1	0	4.2	4.7	0.5	0	0	0	0	0	0	0	0
3/15/2024 10:51	26002 WDAM_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/15/2024 10:54	26002 WDAM_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/15/2024 10:54	60201 ATGL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/15/2024 10:56	53901 HAU_T2	1	1	0	0.9	0.9	0	0	0	0	0	0	0	0	0
3/15/2024 10:56	60801 BUCK_T1	0	1	1	0	0.1	0.1	0	0	0	0	0	0	0	0
3/15/2024 10:56	45902 AUBU_T1	1	0	-1	0.8	0	-0.8	0	0	0	0	0	0	0	0
3/15/2024 10:56	45902 AUBU_T1	1	0	-1	0.8	0	-0.8	0	0	0	0	0	0	0	0
3/15/2024 10:58	53901 HAU_T2	1	1	0	0.9	0.9	0	0	0	0	0	0	0	0	0
3/15/2024 11:01	28701 HAML_T2	1	1	0	0.3	0.5	0.2	0	0	0	0	0	0	0	0
3/15/2024 11:01	45902 AUBU_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/15/2024 11:01	46803 HEPB_T2	2	4	2	0.15	0.2	0.05	0	0	0	0	0	0	0	0
3/15/2024 11:01	10801 CHHI_T1	6	5	-1	0.33	0.6	0.27	0	0	0	0	0	0	0	0
3/15/2024 11:02	50102 HARR_T3	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/15/2024 11:03	13904 SEID_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/15/2024 11:03	52004 LING_T2	1	1	0	0.6	0.5	-0.1	0	0	0	0	0	0	0	0
3/15/2024 11:04	64101 REPB_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/15/2024 11:04	57403 SPAN_T1	25	4	-21	0.25	0.18	-0.07	0	0	0	0	0	0	0	0
3/15/2024 11:05	57401 SPAN_T1	2	2	0	1.3	1.1	-0.2	0	0	0	0	0	0	0	0
3/15/2024 11:05	43802 SWIL_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/15/2024 11:05	64101 REPB_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/15/2024 11:05	42002 MNVL_T2	1	1	0	4.8	4.8	0	0	0	0	0	0	0	0	0
3/15/2024 11:06	43801 SWIL_T1	54	70	16	0.3	0.29	-0.01	0	0	0	0	0	0	0	0
3/15/2024 11:06	65003 NEFF_T2	2	2	0	0.3	0.35	0.05	0	0	0	0	0	0	0	0
3/15/2024 11:06	59102 WALK_T2	0	3	3	0	0.17	0.17	0	0	0	0	0	0	0	0
3/15/2024 11:07	45902 AUBU_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/15/2024 11:07	59102 WALK_T2	0	3	3	0	0.17	0.17	0	0	0	0	0	0	0	0
3/15/2024 11:07	29402 BELT_T1	2	5	3	4.4	2.08	-2.32	0	0	0	0	0	0	0	0
3/15/2024 11:08	29401 BELT_T1	77	110	33	0.22	0.28	0.06	0	0	0	0	0	0	0	0
3/15/2024 11:08	55103 WERT_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/15/2024 11:09	46002 BERW_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/15/2024 11:09	43801 SWIL_T1	54	70	16	0.3	0.29	-0.01	0	0	0	0	0	0	0	0
3/15/2024 11:09	29401 BELT_T1	77	110	33	0.22	0.28	0.06	0	0	0	0	0	0	0	0
3/15/2024 11:09	15103 UPHA_T2	0	1	1	0	0.2	0.2	0	0	0	0	0	0	0	0
3/15/2024 11:09	49803 UNIV_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/15/2024 11:10	23902 EFMO_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/15/2024 11:11	62606 ENGL_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/15/2024 11:11	10801 CHHI_T1	6	5	-1	0.33	0.6	0.27	0	0	0	0	0	0	0	0
3/15/2024 11:11	41802 GOCI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/15/2024 11:12	10805 CHHI_T2	1	1	0	8.3	8.5	0.2	0	0	0	0	0	0	0	0
3/15/2024 11:12	46003 BERW_T2	0	1	1	0	0.1	0.1	0	0	0	0	0	0	0	0
3/15/2024 11:12	29401 BELT_T1	77	110	33	0.22	0.28	0.06	0	0	0	0	0	0	0	0
3/15/2024 11:12	45902 AUBU_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/15/2024 11:13	52402 GRPA_T2	4	5	1	1.43	1.2	-0.23	0	0	0	0	0	0	0	0
3/15/2024 11:14	45703 LIND_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/15/2024 11:16	10801 CHHI_T1	0	4	4	0	0.23	0.23	0	0	0	0	0	0	0	0
3/15/2024 11:16	40902 JESH_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/15/2024 11:17	49803 UNIV_T1	0	2	2	0	0.1	0.1	0	0	0	0	0	0	0	0
3/15/2024 11:18	41903 REED_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/15/2024 11:18	55002 NEWP_T1	6	6	0	0.78	0.97	0.19	0	0	0	0	0	0	0	0
3/15/2024 11:20	67105 SPRI_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/15/2024 11:20	55002 NEWP_T1	6	6	0	0.78	0.97	0.19	0	0	0	0	0	0	0	0
3/15/2024 11:21	20402 ASHF_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/15/2024 11:22	41903 REED_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/15/2024 11:22	43201 MVIL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/15/2024 11:23	66505 SMAN_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/15/2024 11:24	20403 ASHF_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/15/2024 11:24	59101 WALK_T2	55	94	39	0.45	0.83	0.38	0	0	0	0	0	0	0	0
3/15/2024 11:25	41601 CLEV_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/15/2024 11:27	61305 EARL_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/15/2024 11:28	23902 EFMO_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/15/2024 11:29	49803 UNIV_T1	0	2	2	0	0.1	0.1	0	0	0	0	0	0	0	0
3/15/2024 11:29	47002 HUGH_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/15/2024 11:30	45703 LIND_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/15/2024 11:30	49803 UNIV_T1	0	2	2	0	0.1	0.1	0	0	0	0	0	0	0	0
3/15/2024

Appendix C - Grid Benefits Achieved in Each Instance of Active Management

3/15/2024 11:41	56801 BENV_T1	21	29	8	0.51	0.6	0.09	0	0	0	0	0	0	0
3/15/2024 11:41	20402 ASHF_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
3/15/2024 11:41	67605 WARW_T1	33	37	4	0.62	0.72	0.1	0	0	0	0	0	0	0
3/15/2024 11:41	56802 BENV_T2	2	4	2	0.7	0.43	-0.27	0	0	0	0	0	0	0
3/15/2024 11:42	45902 AUBU_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
3/15/2024 11:42	56802 BENV_T2	2	4	2	0.7	0.43	-0.27	0	0	0	0	0	0	0
3/15/2024 11:43	45902 AUBU_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
3/15/2024 11:43	53901 HALI_T2	1	1	0	0.2	0.8	0.6	0	0	0	0	0	0	0
3/15/2024 11:43	54502 ENOL_T2	1	1	0	0.4	0.4	0	0	0	0	0	0	0	0
3/15/2024 11:43	46803 HEPB_T2	4	5	1	0.2	0.34	0.14	0	0	0	0	0	0	0
3/15/2024 11:44	50103 MARR_T3	2	2	0	0.5	0.65	0.15	0	0	0	0	0	0	0
3/15/2024 11:46	59002 MIFF_T1	6	5	-1	0.67	0.5	-0.17	0	0	0	0	0	0	0
3/15/2024 11:46	46803 HEPB_T2	5	3	-2	0.32	0.27	-0.05	0	0	0	0	0	0	0
3/15/2024 11:46	58401 MORO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
3/15/2024 11:47	42002 MNVL_T2	1	1	0	4.8	4.9	0.1	0	0	0	0	0	0	0
3/15/2024 11:48	59002 MIFF_T1	6	5	-1	0.67	0.5	-0.17	0	0	0	0	0	0	0
3/15/2024 11:49	64802 MONE_T2	5	8	3	0.26	0.31	0.05	0	0	0	0	0	0	0
3/15/2024 11:49	65001 NEFF_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
3/15/2024 11:50	57403 SPAN_T1	24	24	0	0.21	0.22	0.01	0	0	0	0	0	0	0
3/15/2024 11:50	43104 SMIL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
3/15/2024 11:50	67203 TEHI_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
3/15/2024 11:50	42002 MNVL_T2	1	1	0	4.8	4.9	0.1	0	0	0	0	0	0	0
3/15/2024 11:51	45602 WOOL_T1	3	3	0	0.87	0.77	-0.1	0	0	0	0	0	0	0
3/15/2024 11:51	67502 WEWI_T2	1	2	1	0.2	0.25	0.05	0	0	0	0	0	0	0
3/15/2024 11:51	42801 SELI_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
3/15/2024 11:52	67105 SPRI_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
3/15/2024 11:52	67604 WARW_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
3/15/2024 11:52	20401 ASHF_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
3/15/2024 11:52	67502 WEWI_T2	1	2	1	0.2	0.25	0.05	0	0	0	0	0	0	0
3/15/2024 11:53	20401 ASHF_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
3/15/2024 11:53	67201 TEHI_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
3/15/2024 11:53	67204 TEHI_T2	1	1	0	0.3	0.1	-0.2	0	0	0	0	0	0	0
3/15/2024 11:53	67604 WARW_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
3/15/2024 11:53	45601 WOOL_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
3/15/2024 11:53	14402 SSLA_T1	55	102	47	0.2	0.19	-0.01	0	0	0	0	0	0	0
3/15/2024 11:54	40505 CRES_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
3/15/2024 11:54	20402 ASHF_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
3/15/2024 11:55	20402 ASHF_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
3/15/2024 11:55	43001 ALWD_T1	0	2	2	0	0.25	0.25	0	0	0	0	0	0	0
3/15/2024 11:56	40503 CRES_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
3/15/2024 11:57	53602 DALM_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
3/15/2024 11:57	40503 CRES_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
3/15/2024 11:57	43001 ALWD_T1	0	2	2	0	0.25	0.25	0	0	0	0	0	0	0
3/15/2024 11:58	40505 CRES_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
3/15/2024 11:59	40505 CRES_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
3/15/2024 11:59	46801 HEPB_T2	7	11	4	0.4	0.26	-0.14	0	0	0	0	0	0	0
3/15/2024 12:00	45802 HEGI_T2	12	1	-11	0.18	0	-0.18	0	0	0	0	0	0	0
3/15/2024 12:02	46803 HEPB_T2	3	8	5	0.27	0.25	-0.02	0	0	0	0	0	0	0
3/15/2024 12:02	59003 MIFF_T1	1	1	0	0.6	0.2	-0.4	0	0	0	0	0	0	0
3/15/2024 12:02	58401 MORO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
3/15/2024 12:03	42001 MNVL_T2	22	47	25	0.19	0.17	-0.02	0	0	0	0	0	0	0
3/15/2024 12:03	13302 ORVI_T2	2	2	0	0.65	0.7	0.05	0	0	0	0	0	0	0
3/15/2024 12:04	46201 DANV_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
3/15/2024 12:04	46202 DANV_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
3/15/2024 12:04	41903 REED_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
3/15/2024 12:04	53902 HALI_T2	1	1	0	6.1	6.1	0	0	0	0	0	0	0	0
3/15/2024 12:04	58402 MORO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
3/15/2024 12:04	59002 MIFF_T1	5	2	-3	0.5	0.25	-0.25	0	0	0	0	0	0	0
3/15/2024 12:05	41902 REED_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
3/15/2024 12:05	49804 UNIV_T1	2	2	0	0.3	0.2	-0.1	0	0	0	0	0	0	0
3/15/2024 12:06	42002 MNVL_T2	1	1	0	5	4.9	-0.1	0	0	0	0	0	0	0
3/15/2024 12:06	46202 DANV_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
3/15/2024 12:07	41902 REED_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
3/15/2024 12:07	45601 WOOL_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
3/15/2024 12:07	43001 ALWD_T1	0	2	2	0	0.25	0.25	0	0	0	0	0	0	0
3/15/2024 12:08	67105 SPRI_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
3/15/2024 12:08	67603 WARW_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
3/15/2024 12:08	41903 REED_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
3/15/2024 12:08	45601 WOOL_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
3/15/2024 12:08	67002 STHI_T2	3	4	1	0.2	0.18	-0.02	0	0	0	0	0	0	0
3/15/2024 12:09	45601 WOOL_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
3/15/2024 12:09	67001 STHI_T2	3	3	0	0.2	0.2	0	0	0	0	0	0	0	0
3/15/2024 12:10	43001 ALWD_T1	0	2	2	0	0.25	0.25	0	0	0	0	0	0	0
3/15/2024 12:11	43106 SMIL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
3/15/2024 12:12	59301 MCAL_T1	2	2	0	0.5	0.9	0.4	0	0	0	0	0	0	0
3/15/2024 12:15	46803 HEPB_T2	3	8	5	0.2	0.26	0.06	0	0	0	0	0	0	0
3/15/2024 12:18	46803 HEPB_T2	3	8	5	0.2	0.26	0.06	0	0	0	0	0	0	0
3/15/2024 12:19	44201 POIN_T1	23	0	-23	0.13	0	-0.13	0	0	0	0	0	0	0
3/15/2024 12:21	57403 SPAN_T1	14	15	1	0.21	0.2	-0.01	0	0	0	0	0	0	0
3/15/2024 12:22	13904 SEID_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
3/15/2024 12:23	57401 SPAN_T1	2	2	0	1.15	1.15	0	0	0	0	0	0	0	0
3/15/2024 12:25	54506 ENOL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
3/15/2024 12:30	65001 NEFF_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
3/15/2024 12:34	66302 MCGO_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
3/15/2024 12:37	20402 ASHF_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
3/15/2024 12:39	20401 ASHF_T2	1	2	1	0.1	0.2	0.1	0	0	0	0	0	0	0
3/15/2024 12:40	20403 ASHF_T2	11	65	54	0.53	0.25	-0.28	0	0	0	0	0	0	0
3/15/2024 12:40	67603 WARW_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
3/15/2024 12:41	20402 ASHF_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
3/15/2024 12:46	58401 MORO_T1	0	1	1	0	0.1	0.1	0	0	0	0	0	0	0
3/15/2024 12:49	58401 MORO_T1	0	1	1	0	0.1	0.1	0	0	0	0	0	0	0
3/15/2024 12:51	53902 HALI_T2	1	1	0	6.1	6.1	0	0	0	0	0	0	0	0
3/15/2024 12:54	13105 NHAM_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
3/15/2024 12:54	25503 MADI_T1	1	8	7	0.1	0.25	0.15	0	0	0	0	0	0	0
3/15/2024 12:57	65005 NEFF_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
3/15/2024 12:58	45802 HEGI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
3/15/2024 12:59	44301 BEAV_T2	2	1	-1	0.15	0	-0.15	0	0	0	0	0	0	0
3/15/2024 12:59	25501 MADI_T1	0	1	1	0	0.6	0.6	0	0	0	0	0	0	0
3/15/2024 13:02	46101 MACI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
3/15/2024 13:02	58402 MORO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
3/15/2024 13:03	49803 UNIV_T1	3	17	14	0.23	0.17	-0.06	0	0	0	0	0	0	0
3/15/2024 13:04	44601 SALE_T2	1	1	0	0.5	0.7	0.2	0	0	0	0	0	0	0
3/15/2024 13:05	57401 SPAN_T1	2	2	0	1.05	1.1	0.05	0	0	0	0	0	0	0
3/15/2024 13:05	58401 MORO_T1	0	1	1	0	0.1	0.1	0	0	0	0	0	0	0
3/15/2024 13:06	14801 TREI_T2	102	100	-2	0.47	0.41	-0.06	0	0	0	0	0	0	0
3/15/2024 13:07	46203 DANV_T2	0	5	5	0	0.34	0.34	0	0	0	0	0	0	0
3/15/2024 13:07	14802 TREI_T2	17	18	1	0.23	0.24	0.01	0	0	0	0	0	0	0
3/15/2024 13:07	44601 SALE_T2	1	1	0	0.5	0.7	0.2	0	0	0	0	0	0	0
3/15/2024 13:07	20401 ASHF_T2	2	0	-2	0.2	0	-0.2	0	0	0	0	0	0	0
3/15/2024 13:11	20402 ASHF_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
3/15/2024 13:17	42002 MNVL_T2	1	1	0	5	4.9	-0.1	0	0	0	0	0	0	0
3/15/2024 13:17	41902 REED_T1	0	3	3	0	0.37	0.37	0	0	0	0	0	0	0
3/15/2024 13:19	41903 REED_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
3/15/2024 13:19	42002 MNVL_T2	1	1	0	5	4.9	-0.1	0	0	0	0	0	0	0
3/15/2024 13:19	14402 SSLA_T1	87	92	5	0.26	0.23	-0.03	0	0	0	0	0	0	0
3/15/2024 13:22	14403 SSLA_T1	10	10	0	0.51	0.42	-0.09	0	0	0	0	0	0	0
3/15/2024 13:23	14404 SSLA_T1	83	114	31	0.22	0.25	0.03	0	0	0	0	0	0	0
3/15/2024 13:37	20401 ASHF_T2	0	4	4	0	0.13	0.13	0	0	0	0	0	0	0
3/15/2024 13:38	20402 ASHF_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
3/15/2024 13:44	10701 CATA_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
3/15/2024 13:45	46803 HEPB_T2	5	4	-1	0.26	0.23	-0.03	0	0	0	0	0	0	0
3/15/2024 13:48	41903 REED_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
3/15/2024 13:49	41903 REED_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
3/15/2024 13:50	41901 REED_T1	9	0	-9	0.56	0	-0.56	0	0	0	0	0	0	0
3/15/2024 13:51	43102 SMIL_T2	8	9	1	0.58	0.51	-0.07	0	0	0	0	0	0	0
3/15/2024 13:52	42801 SELI_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
3/15/2024 13:52	41903 REED_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
3/15/2024 13:53	14802 TREI_T2	20	49	29	0.24	0.33	0.09	0	0	0	0	0	0	0
3/15/2024 14:00	54506 ENOL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
3/15/2024 14:00	46801 HEPB_T2	14	24	10	0.26	0.25	-0.01	0	0	0	0	0	0	0
3/15/2024 14:01	42002 MNVL_T2	1	1	0	4.6	4.5	-0.1	0	0	0	0	0	0	0
3/15/2024 14:04	14404 SSLA_T1	170	308	138	0.3	0.34	0.04	0	0	0	0	0	0	0
3/15/2024 14:04	46204 DANV_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
3/15/2024 14:04	42001 MNVL_T2	3	4	1	0.37	0.2	-0.17	0	0	0	0	0	0	0
3/15/2024 14:05	43801 SWIL_T1	66	103	37	0.31	0.31	0	0	0	0	0	0	0	0
3/15/2024 14:05	64801 MONE_T2	190	111	-79	0.44	0.29	-0.15	0	0	0	0	0	0	0
3/15/2024 14:05	49804 UNIV_T1	2	3	1	0.3	0.6	0.3	0	0	0	0	0	0	0
3/15/2024 14:07	13903 SEID_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
3/15/2024 14:07	13901 SEID_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
3/15/2024 14:07	43802 SWIL_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
3/15/2024 14:07	29402 BELT_T1	5	5	0	2.18	2.16	-0.02	0	0	0	0	0	0	0
3/15/2024 14:08	67105 SPRI_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
3/15/2024 14:09	20403 ASHF_T2	61	9	-52	0.29	0.5	0.21	0	0	0	0	0	0	0
3/15/2024 14:09	14404 SSLA_T1	170	308	138	0.3	0.34	0.04	0	0	0	0	0	0	0
3/15/2024 14:10	29401 BELT_T1	23	65	42	0.22	0.21	-0.01	0	0	0	0	0	0	0
3/15/2024 14:10	29402 BELT_T1	5	5	0	2.18	2.16	-0.02	0	0	0	0	0	0	0
3/15/2024 14:10	20402 ASHF_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
3/15/2024 14:10	10801 CHHI_T1	13	5	-8	0.68	1.08	0.4	0	0	0	0	0	0	0
3/15/2024 14:10	10805 CHHI_T2	1	2	1	7.5	7.9	0.4	0	0	0	0	0	0	0
3/15/2024 14:11	29402 BELT_T1	5	5	0	2.18	2.16	-0.02	0	0	0	0	0	0	0
3/15/2024 14:11	43001 ALWD_T1	0	12	12	0	0.25	0.25	0	0	0	0	0	0	0
3/15/2024 14:12	63404 HONY_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
3/15/2024 14:13	43001 ALWD_T1	0	12	12	0	0.25	0.25	0	0	0	0	0	0	0
3/15/2024 14:13	10801 CHHI_T1	13	5	-8	0.68	1.08	0.4	0	0	0	0	0	0	0
3/15/2024 14:15	58401 MORO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
3/15/2024 14:15	10801 CHHI_T1	5	5	0	1.08	0.7	-0.38	0	0	0	0	0	0	0
3/15/2024 14:16	46803 HEPB_T2	3	9	6	0.17	0.17	0	0	0	0	0	0	0	0
3/15/2024 14:16	12502 MITR_T2	1	1	0	6.5	6.3	-0.2	0	0	0	0	0	0	0
3/15/2024 14:17	42001 MNVL_T2	3	4	1	0.2	0.15	-0.05	0	0	0	0	0	0	0
3/15/2024 14:17	46204 DANV_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
3/15/2024 14:17	63404 HONY_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
3/15/2024 14:18	58402 MORO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
3/15/2024 14:19	42803 SELI_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
3/15/2024 14:19	42001 MNVL_T2	3	4	1	0.2	0.15	-0.05	0	0	0	0	0	0	0
3/15/2024 14:20	57403 SPAN_T1	15	31	16	0.21	0.24	0.03	0	0	0	0	0	0	0
3/15/2024 14:20	46202 DANV_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
3/15/2024 14:20	14401 SSLA_T1	127	172	45	0.25	0.26	0.01	0	0	0	0	0	0	0
3/15/2024 14:21	67402 WAKE_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
3/15/2024 14:21	65003 NEFF_T2	4	44	40	0.15	0.15	0	0	0	0	0	0	0	0
3/15/2024 14:21	26001 WDAM_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
3/15/2024 14:21	67401 WAKE_T2	1	1	0	0.2	0.1	-0.1	0	0	0	0	0	0	0
3/15/2024 14:21	49804 UNIV_T1	3	2	-1	0.57	0.55	-0.02	0	0	0	0	0	0	0
3/15/2024 14:22	45902 AUBU_T1	8	5	-3	0.43	0.26	-0.17	0	0	0	0	0	0	0
3/15/2024 14:23	29402 BELT_T1	5	4	-1	2.16	2.45	0.29	0	0	0	0	0	0	0
3/15/2024 14:23	46003 BERW_T2	91	126	35	0.17	0.25	0.08	0	0	0	0	0	0	0
3/15/2024 14:23	42801 SELI_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
3/15/2024 14:23	27502 WEIS_T2	4	1	-3	0.65	0.2	-0.45	0	0	0	0	0	0	0
3/15/2024 14:23	13903 SEID_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
3/15/2024 14:23	67502 WEWI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
3/15/2024 14:24	67103 SPRI_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
3/15/2024 14:24	46002 BERW_T2	96	191	95	0.14	0.21	0.07	0	0	0	0	0	0	0
3/15/2024 14:24	26002 WDAM_T1	2	2	0	0.1	0.35	0.25	0	0	0	0	0	0	0
3/15/2024 14:24	45901 AUBU_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
3/15/2024 14:24	67502 WEWI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
3/15/2024 14:24	20403 ASHF_T2	9	8	-1	0.5	0.46	-0.04	0	0	0	0	0	0	0
3/15/2024 14:24	43001 ALWD_T1	5	15	10	0.34	0.33	-0.01	0	0	0	0	0	0	0
3/15/2024 14:24	10801 CHHI_T1	5	5	0	1.08	0.7	-0.38	0	0	0	0	0	0	0
3/15/2024 14:25	46004 BERW_T2	51	151	100	0.16	0.19	0.03	0	0	0	0	0	0	0
3/15/2024 14:25	46005 BERW_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
3/15/2024 14:25	60803 BUCK_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
3/15/2024 14:25	29402 BELT_T1	5	4	-1	2.16	2.45	0.29	0	0	0	0	0	0	0
3/15/2024 14:26	29402 BELT_T1	5	4	-1	2.16	2.45	0.29	0	0	0	0	0	0	0
3/15/2024 14:26	45901 AUBU_T1	0	0	0

Appendix C - Grid Benefits Achieved in Each Instance of Active Management

3/15/2024 14:32	40101 HUNT_T2	3	0	0	0	0	0	0	0	0	0	0	0	0	0
3/15/2024 14:33	46204 DANV_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/15/2024 14:33	42001 MNVL_T2	4	6	2	0.15	0.15	0	0	0	0	0	0	0	0	0
3/15/2024 14:34	64203 KINZ_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/15/2024 14:34	46702 RENO_T1	91	125	34	0.15	0.19	0.04	0	0	0	0	0	0	0	0
3/15/2024 14:34	42204 SHEN_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/15/2024 14:34	46702 RENO_T1	91	125	34	0.15	0.19	0.04	0	0	0	0	0	0	0	0
3/15/2024 14:35	14404 SSLA_T1	285	274	-11	0.34	0.31	-0.03	0	0	0	0	0	0	0	0
3/15/2024 14:35	43802 SWIL_T1	0	1	1	0	0.1	0.1	0	0	0	0	0	0	0	0
3/15/2024 14:36	14404 SSLA_T1	285	274	-11	0.34	0.31	-0.03	0	0	0	0	0	0	0	0
3/15/2024 14:36	46205 DANV_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/15/2024 14:36	14401 SSLA_T1	168	102	-66	0.25	0.27	0.02	0	0	0	0	0	0	0	0
3/15/2024 14:36	46301 ROHR_T1	4	9	5	0.6	0.5	-0.1	0	0	0	0	0	0	0	0
3/15/2024 14:36	67401 WAKE_T2	1	0	-1	0.1	0	-0.1	0	0	0	0	0	0	0	0
3/15/2024 14:37	45601 WOOL_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/15/2024 14:37	16102 BING_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/15/2024 14:37	43802 SWIL_T1	0	1	1	0	0.1	0.1	0	0	0	0	0	0	0	0
3/15/2024 14:37	14402 SSLA_T1	434	379	-55	0.31	0.28	-0.03	0	0	0	0	0	0	0	0
3/15/2024 14:37	14801 TREI_T2	113	105	-8	0.53	0.59	0.06	0	0	0	0	0	0	0	0
3/15/2024 14:37	29401 BELT_T1	1	0	-1	0.4	0	-0.4	0	0	0	0	0	0	0	0
3/15/2024 14:37	14801 TREI_T2	113	105	-8	0.53	0.59	0.06	0	0	0	0	0	0	0	0
3/15/2024 14:38	43801 SWIL_T1	101	147	46	0.31	0.3	-0.01	0	0	0	0	0	0	0	0
3/15/2024 14:38	29401 BELT_T1	1	0	-1	0.4	0	-0.4	0	0	0	0	0	0	0	0
3/15/2024 14:38	45901 AUBU_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/15/2024 14:39	56802 BENV_T2	8	8	0	0.29	0.33	0.04	0	0	0	0	0	0	0	0
3/15/2024 14:39	13902 SEID_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/15/2024 14:39	29401 BELT_T1	1	0	-1	0.4	0	-0.4	0	0	0	0	0	0	0	0
3/15/2024 14:39	43001 ALWD_T1	12	22	10	0.23	0.3	0.07	0	0	0	0	0	0	0	0
3/15/2024 14:39	45601 WOOL_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/15/2024 14:39	67502 WEWI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/15/2024 14:39	27502 WEIS_T2	1	0	-1	0.2	0	-0.2	0	0	0	0	0	0	0	0
3/15/2024 14:39	14401 SSLA_T1	168	102	-66	0.25	0.27	0.02	0	0	0	0	0	0	0	0
3/15/2024 14:39	46003 BERW_T2	122	99	-23	0.25	0.2	-0.05	0	0	0	0	0	0	0	0
3/15/2024 14:40	46004 BERW_T2	140	101	-39	0.19	0.16	-0.03	0	0	0	0	0	0	0	0
3/15/2024 14:40	67503 WEWI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/15/2024 14:40	46005 BERW_T1	0	1	1	0	0.6	0.6	0	0	0	0	0	0	0	0
3/15/2024 14:40	67105 SPRI_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/15/2024 14:40	14801 TREI_T2	113	105	-8	0.53	0.59	0.06	0	0	0	0	0	0	0	0
3/15/2024 14:40	56802 BENV_T2	8	8	0	0.29	0.33	0.04	0	0	0	0	0	0	0	0
3/15/2024 14:40	45902 AUBU_T1	5	3	-2	0.24	0.47	0.23	0	0	0	0	0	0	0	0
3/15/2024 14:40	20402 ASHF_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/15/2024 14:41	46005 BERW_T1	0	1	1	0	0.6	0.6	0	0	0	0	0	0	0	0
3/15/2024 14:41	53902 HALI_T2	1	1	0	6.4	6.4	0	0	0	0	0	0	0	0	0
3/15/2024 14:41	45902 AUBU_T1	5	3	-2	0.24	0.47	0.23	0	0	0	0	0	0	0	0
3/15/2024 14:41	10801 CHHI_T1	5	4	-1	0.7	0.18	-0.52	0	0	0	0	0	0	0	0
3/15/2024 14:42	45601 WOOL_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/15/2024 14:42	60803 BUCK_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/15/2024 14:42	45902 AUBU_T1	5	3	-2	0.24	0.47	0.23	0	0	0	0	0	0	0	0
3/15/2024 14:42	23901 EFMO_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/15/2024 14:42	20403 ASHF_T2	8	2	-6	0.46	0.1	-0.36	0	0	0	0	0	0	0	0
3/15/2024 14:42	45901 AUBU_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/15/2024 14:42	56802 BENV_T2	8	8	0	0.29	0.33	0.04	0	0	0	0	0	0	0	0
3/15/2024 14:42	46005 BERW_T1	0	1	1	0	0.6	0.6	0	0	0	0	0	0	0	0
3/15/2024 14:42	10805 CHHI_T2	2	1	-1	4.55	8.8	4.25	0	0	0	0	0	0	0	0
3/15/2024 14:42	29402 BELT_T1	4	1	-3	2.45	8.2	5.75	0	0	0	0	0	0	0	0
3/15/2024 14:43	53903 HALI_T2	5	5	0	0.74	0.92	0.18	0	0	0	0	0	0	0	0
3/15/2024 14:43	43001 ALWD_T1	12	22	10	0.23	0.3	0.07	0	0	0	0	0	0	0	0
3/15/2024 14:44	25501 MADI_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/15/2024 14:44	44302 BEAV_T2	14	106	92	0.26	0.35	0.09	0	0	0	0	0	0	0	0
3/15/2024 14:44	59301 MCAL_T1	2	2	0	0.6	0.85	0.25	0	0	0	0	0	0	0	0
3/15/2024 14:44	63404 HONY_T1	0	9	9	0	0.1	0.1	0	0	0	0	0	0	0	0
3/15/2024 14:44	45602 WOOL_T1	3	3	0	0.97	1.17	0.2	0	0	0	0	0	0	0	0
3/15/2024 14:45	64202 KINZ_T1	0	2	2	0	0.1	0.1	0	0	0	0	0	0	0	0
3/15/2024 14:45	40101 HUNT_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/15/2024 14:45	46801 HEPB_T2	22	36	14	0.28	0.26	-0.02	0	0	0	0	0	0	0	0
3/15/2024 14:45	10801 CHHI_T1	4	0	-4	0.18	0	-0.18	0	0	0	0	0	0	0	0
3/15/2024 14:46	40101 HUNT_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/15/2024 14:46	58402 MORO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/15/2024 14:46	46801 HEPB_T2	22	36	14	0.28	0.26	-0.02	0	0	0	0	0	0	0	0
3/15/2024 14:46	10801 CHHI_T1	4	0	-4	0.18	0	-0.18	0	0	0	0	0	0	0	0
3/15/2024 14:47	57306 MOAL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/15/2024 14:47	46801 HEPB_T2	22	36	14	0.28	0.26	-0.02	0	0	0	0	0	0	0	0
3/15/2024 14:47	40101 HUNT_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/15/2024 14:47	42903 MIDD_T2	7	39	32	0.89	0.36	-0.53	0	0	0	0	0	0	0	0
3/15/2024 14:47	42901 MIDD_T2	160	259	99	0.28	0.29	0.01	0	0	0	0	0	0	0	0
3/15/2024 14:47	58402 MORO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/15/2024 14:47	45902 AUBU_T1	1	3	2	0.5	0.47	-0.03	0	0	0	0	0	0	0	0
3/15/2024 14:47	65003 NEFF_T2	44	107	63	0.15	0.2	0.05	0	0	0	0	0	0	0	0
3/15/2024 14:47	64801 MONE_T2	89	95	6	0.28	0.3	0.02	0	0	0	0	0	0	0	0
3/15/2024 14:48	57302 MOAL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/15/2024 14:48	41901 REID_T1	0	1	1	0	0.1	0.1	0	0	0	0	0	0	0	0
3/15/2024 14:49	58401 MORO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/15/2024 14:49	46203 DANV_T2	2	50	48	0.2	0.29	0.09	0	0	0	0	0	0	0	0
3/15/2024 14:49	44601 SALE_T2	2	2	0	0.6	0.75	0.15	0	0	0	0	0	0	0	0
3/15/2024 14:50	43801 SWIL_T1	102	143	41	0.31	0.3	-0.01	0	0	0	0	0	0	0	0
3/15/2024 14:51	42002 MNVL_T2	1	1	0	4.6	4	-0.6	0	0	0	0	0	0	0	0
3/15/2024 14:51	43801 SWIL_T1	102	143	41	0.31	0.3	-0.01	0	0	0	0	0	0	0	0
3/15/2024 14:52	41903 REID_T1	0	1	1	0	0	0	0	0	0	0	0	0	0	0
3/15/2024 14:52	46206 DANV_T2	0	1	1	0	0	0	0	0	0	0	0	0	0	0
3/15/2024 14:52	45901 AUBU_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/15/2024 14:52	43801 SWIL_T1	102	143	41	0.31	0.3	-0.01	0	0	0	0	0	0	0	0
3/15/2024 14:52	42701 AUGU_T1	0	4	4	0	0.35	0.35	0	0	0	0	0	0	0	0
3/15/2024 14:52	26001 WDAM_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/15/2024 14:52	44601 SALE_T2	2	2	0	0.6	0.75	0.15	0	0	0	0	0	0	0	0
3/15/2024 14:53	45602 WOOL_T1	3	6	3	0.97	0.75	-0.22	0	0	0	0	0	0	0	0
3/15/2024 14:53	49803 UNIV_T1	2	0	-2	0.2	0	-0.2	0	0	0	0	0	0	0	0
3/15/2024 14:54	43801 SWIL_T1	102	143	41	0.31	0.3	-0.01	0	0	0	0	0	0	0	0
3/15/2024 14:54	43106 SMIL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/15/2024 14:54	29401 BELT_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/15/2024 14:54	10805 CHHI_T2	1	1	0	8.8	8.6	-0.2	0	0	0	0	0	0	0	0
3/15/2024 14:55	45601 WOOL_T1	0	1	1	0	0.7	0.7	0	0	0	0	0	0	0	0
3/15/2024 14:55	10805 CHHI_T2	1	1	0	8.8	8.6	-0.2	0	0	0	0	0	0	0	0
3/15/2024 14:56	42701 AUGU_T1	0	4	4	0	0.35	0.35	0	0	0	0	0	0	0	0
3/15/2024 14:56	56803 BENV_T1	0	2	2	0	0.45	0.45	0	0	0	0	0	0	0	0
3/15/2024 14:57	56803 BENV_T1	0	2	2	0	0.45	0.45	0	0	0	0	0	0	0	0
3/15/2024 14:57	65002 NEFF_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/15/2024 14:57	10801 CHHI_T1	4	0	-4	0.18	0	-0.18	0	0	0	0	0	0	0	0
3/15/2024 14:58	45901 AUBU_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/15/2024 14:58	45602 WOOL_T1	3	6	3	0.97	0.75	-0.22	0	0	0	0	0	0	0	0
3/15/2024 14:58	17801 GILB_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/15/2024 14:59	44301 BEAV_T2	1	1	0	0.2	0.4	0.2	0	0	0	0	0	0	0	0
3/15/2024 14:59	17805 GILB_T2	4	3	-1	0.2	0.3	0.1	0	0	0	0	0	0	0	0
3/15/2024 15:00	45601 WOOL_T1	0	1	1	0	0.7	0.7	0	0	0	0	0	0	0	0
3/15/2024 15:00	44302 BEAV_T2	103	138	35	0.35	0.39	0.04	0	0	0	0	0	0	0	0
3/15/2024 15:01	56603 HAMP_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/15/2024 15:02	40603 PIGR_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/15/2024 15:02	58401 MORO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/15/2024 15:02	10801 CHHI_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/15/2024 15:03	58402 MORO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/15/2024 15:04	58402 MORO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/15/2024 15:04	58402 MORO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/15/2024 15:04	42002 MNVL_T2	1	1	0	4.5	3.8	-0.7	0	0	0	0	0	0	0	0
3/15/2024 15:05	26401 INOR_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/15/2024 15:05	42803 SELI_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/15/2024 15:06	58401 MORO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/15/2024 15:06	42801 SELI_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/15/2024 15:06	43802 SWIL_T1	1	0	-1	0.1	0	-0.1	0	0	0	0	0	0	0	0
3/15/2024 15:06	57401 SPAN_T1	2	2	0	0.95	1.2	0.25	0	0	0	0	0	0	0	0
3/15/2024 15:07	67502 WEWI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/15/2024 15:07	45602 WOOL_T1	3	8	5	1.17	0.63	-0.54	0	0	0	0	0	0	0	0
3/15/2024 15:08	67502 WEWI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/15/2024 15:08	45901 AUBU_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/15/2024 15:08	67502 WEWI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/15/2024 15:09	26001 WDAM_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/15/2024 15:09	67503 WEWI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/15/2024 15:11	54505 ENOL_T2	1	1	0	1.2	1.3	0.1	0	0	0	0	0	0	0	0
3/15/2024 15:12	45601 WOOL_T1	0	1	1	0	0.7	0.7	0	0	0	0	0	0	0	0
3/15/2024 15:13	45901 AUBU_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/15/2024 15:13	53902 HALI_T2	1	2	1	6.1	3.05	-3.05	0	0	0	0	0	0	0	0
3/15/2024 15:13	54506 ENOL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/15/2024 15:13	17802 GILB_T1	3	1	-2	0.27	0.5	0.23	0	0	0	0	0	0	0	0
3/15/2024 15:13	10801 CHHI_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/15/2024 15:14	53903 HALI_T2	5	8	3	0.9	0.66	-0.24	0	0	0	0	0	0	0	0
3/15/2024 15:15	53902 HALI_T2	1	2	1	5.9	2.95	-2.95	0	0	0	0	0	0	0	0
3/15/2024 15:18	60504 NMAN_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/15/2024 15:18	10801 CHHI_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/15/2024 15:21	42204 SHEN_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/15/2024 15:22	14402 SSLA_T1	413	495	82	0.3	0.33	0.03	0	0	0	0	0	0	0	0
3/15/2024 15:24	46005 BERW_T1	7	1	-6	0.49	0.3	-0.19	0	0	0	0	0	0	0	0
3/15/2024 15:24	45901 AUBU_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/15/2024 15:25	29402 BELT_T1	1	1	0	8.3	8	-0.3	0	0	0	0	0	0	0	0
3/15/2024 15:27	45902 AUBU_T1	1	1	0	0.3	0.1	-0.2	0	0	0	0	0	0	0	0
3/15/2024 15:27	67401 WAKE_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/15/2024 15:28	10801 CHHI_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/15/2024 15:28	67503 WEWI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/15/2024 15:28	46001 BERW_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/15/2024 15:28	65003 NEFF_T2	107	140	33	0.2	0.21	0.01	0	0	0	0	0	0	0	0
3/15/2024 15:29	53901 HALI_T2	1	1	0	1.3	1.1	-0.2	0	0	0	0	0	0	0	0
3/15/2024 15:29	45902 AUBU_T1	1	1	0	0.3	0.1	-0.2	0	0	0	0	0	0	0	0
3/15/2024 15:34	10801 CHHI_T1	0	2	2	0	0.15	0.15	0	0	0	0	0	0	0	0
3/15/2024 15:38	14402 SSLA_T1	391	520	129	0.3	0.35	0.05	0	0	0	0	0	0	0	0
3/15/2024 15:39	43201 MVIL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/15/2024 15:39	42502 ALTA_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/15/2024 15:39	10801 CHHI_T1	0	2	2	0	0.15	0.15	0	0	0	0	0	0	0	0
3/15/2024 15:40	45902 AUBU_T1	1	0	-1	0.1	0	-0.1	0	0	0	0	0	0	0	0
3/15/2024 15:40	20401 ASHF_T2	1	0	-1	0.1	0	-0.1	0	0	0	0	0	0	0	0
3/15/2024 15:41	62601 ENGL_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/15/2024 15:41	12504 MITR_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/15/2024 15:42	10805 CHHI_T2	1	1	0	7.8	7.1	-0.7	0	0	0	0	0	0	0	0
3/15/2024 15:43	62604 ENGL_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/15/2024 15:44	62604 ENGL_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/15/2024 15:44	10801 CHHI_T1	0	2	2	0	0.15	0.15	0	0	0	0	0	0	0	0
3/15/2024 15:45	62606 ENGL_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/15/2024 15:45	65003 NEFF_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/15/2024 15:45	45902 AUBU_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/15/2024 15:50	62606 ENGL_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/15/2024 15:55	10801 CHHI_T1	0	2	2	0	0.15	0.15	0	0	0	0	0	0	0	0
3/15/2024 15:55	54501 ENOL_T2	4	4	0	0.25	0.28	0.03	0	0	0	0	0	0	0	0
3/15/2024 15:56	54501 ENOL_T2	4	4	0	0.25	0.28	0.03	0	0	0	0	0	0	0	0
3/15/2024 15:56	45902 AUBU_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/15/2024 15:58	54502 ENOL_T2	1	1	0	0.7	0.7	0	0	0	0	0	0	0	0	0
3/15/2024 15:58	10801 CHHI_T1	0	2	2	0	0.15	0.15	0	0	0	0	0	0	0	0
3/15/2024 15:59	54502 ENOL_T2	1	1	0	0.7	0.7	0	0	0	0	0	0	0	0	0
3/15/2024 16:00	54502 ENOL

Appendix C - Grid Benefits Achieved in Each Instance of Active Management

3/15/2024 18:38	65005 NEFF_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/15/2024 19:10	65004 NEFF_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/15/2024 19:25	65001 NEFF_T2	181	141	-40	0.19	0.17	-0.02	0	0	0	0	0	0	0	0
3/15/2024 20:13	65003 NEFF_T2	221	242	21	0.27	0.37	0.1	0	0	0	0	0	0	0	0
3/15/2024 20:33	28704 HAML_T2	199	199	0	1.63	1.77	0.14	0	0	0	0	0	0	0	0
3/15/2024 20:36	28703 HAML_T2	3	3	0	0.67	0.57	-0.1	0	0	0	0	0	0	0	0
3/15/2024 20:42	54506 ENOL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/15/2024 20:46	26001 WDAM_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/15/2024 20:49	26402 INOR_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/15/2024 20:54	26001 WDAM_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/15/2024 20:57	64202 KINZ_T1	37	57	20	0.32	0.47	0.15	0	0	0	0	0	0	0	0
3/15/2024 20:58	40101 HUNT_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/15/2024 20:59	61301 EARL_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/15/2024 21:00	65503 MOJO_T2	163	235	72	0.14	0.19	0.05	0	0	0	0	0	0	0	0
3/15/2024 21:00	46002 BERW_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/15/2024 21:00	67204 TEHI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/15/2024 21:00	65005 NEFF_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/15/2024 21:00	66503 SMAN_T2	0	3	3	0	0.1	0.1	0	0	0	0	0	0	0	0
3/15/2024 21:01	47002 HUGH_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/15/2024 21:01	67401 WAKE_T2	2	0	-2	0.2	0	-0.2	0	0	0	0	0	0	0	0
3/15/2024 21:02	46004 BERW_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/15/2024 21:02	59101 WALK_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/15/2024 21:03	17805 GILB_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/15/2024 21:04	67502 WEWI_T2	0	1	1	0	0.1	0.1	0	0	0	0	0	0	0	0
3/15/2024 21:04	65002 NEFF_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/15/2024 21:04	15701 TANN_T1	10	18	8	0.65	0.44	-0.21	0	0	0	0	0	0	0	0
3/15/2024 21:04	17002 RIRO_T2	285	472	187	0.26	0.31	0.05	0	0	0	0	0	0	0	0
3/15/2024 21:05	17805 GILB_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/15/2024 21:05	46001 BERW_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/15/2024 21:05	29402 BELT_T1	1	1	0	8	8.1	0.1	0	0	0	0	0	0	0	0
3/15/2024 21:05	66505 SMAN_T2	3	3	0	0.2	0.33	0.13	0	0	0	0	0	0	0	0
3/15/2024 21:05	65503 MOJO_T2	163	235	72	0.14	0.19	0.05	0	0	0	0	0	0	0	0
3/15/2024 21:06	55001 NEWP_T1	0	1	1	0	0.1	0.1	0	0	0	0	0	0	0	0
3/15/2024 21:06	24701 FLND_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/15/2024 21:06	13502 MCMI_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/15/2024 21:06	67201 TEHI_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/15/2024 21:06	62601 ENGL_T1	0	1	1	0	0	0	0	0	0	0	0	0	0	0
3/15/2024 21:06	20402 ASHF_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/15/2024 21:07	27502 WEIS_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/15/2024 21:07	13501 MCMI_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/15/2024 21:07	49803 UNIV_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/15/2024 21:07	63401 HONY_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/15/2024 21:07	13503 MCMI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/15/2024 21:07	44601 SALE_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/15/2024 21:08	67503 WEWI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/15/2024 21:08	60201 ATGL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/15/2024 21:08	13501 MCMI_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/15/2024 21:08	46003 BERW_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/15/2024 21:08	67103 SPRI_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/15/2024 21:08	17805 GILB_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/15/2024 21:08	55002 NEWP_T1	6	7	1	1.3	1.14	-0.16	0	0	0	0	0	0	0	0
3/15/2024 21:08	16302 ALPA_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/15/2024 21:09	13501 MCMI_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/15/2024 21:09	42002 MNVL_T2	1	1	0	3.6	3.3	-0.3	0	0	0	0	0	0	0	0
3/15/2024 21:09	55001 NEWP_T1	0	1	1	0	0.1	0.1	0	0	0	0	0	0	0	0
3/15/2024 21:09	53902 HALI_T2	1	1	0	5.9	5.8	-0.1	0	0	0	0	0	0	0	0
3/15/2024 21:09	45902 AUBU_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/15/2024 21:09	17805 GILB_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/15/2024 21:09	59402 RFLD_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/15/2024 21:09	67603 WARW_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/15/2024 21:09	46001 BERW_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/15/2024 21:09	60801 BUCK_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/15/2024 21:10	12701 MACU_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/15/2024 21:10	53903 HALI_T2	2	2	0	1.3	1.6	0.3	0	0	0	0	0	0	0	0
3/15/2024 21:10	16102 BING_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/15/2024 21:10	10805 CHHI_T2	1	1	0	7.6	7.2	-0.4	0	0	0	0	0	0	0	0
3/15/2024 21:10	60502 NMAN_T2	20	3	-17	0.18	0.1	-0.08	0	0	0	0	0	0	0	0
3/15/2024 21:10	65004 NEFF_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/15/2024 21:10	43202 MVIL_T2	58	64	6	0.48	0.63	0.15	0	0	0	0	0	0	0	0
3/15/2024 21:10	62607 ENGL_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/15/2024 21:10	56802 BENV_T2	1	1	0	0.3	0.4	0.1	0	0	0	0	0	0	0	0
3/15/2024 21:10	29402 BELT_T1	1	1	0	8	8.1	0.1	0	0	0	0	0	0	0	0
3/15/2024 21:10	14401 SSLA_T1	10	97	87	0.29	0.18	-0.11	0	0	0	0	0	0	0	0
3/15/2024 21:10	44601 SALE_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/15/2024 21:10	67402 WAKE_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/15/2024 21:10	67503 WEWI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/15/2024 21:10	14802 TREI_T2	15	24	9	0.26	0.38	0.12	0	0	0	0	0	0	0	0
3/15/2024 21:10	67503 WEWI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/15/2024 21:10	29401 BELT_T1	43	65	22	0.18	0.23	0.05	0	0	0	0	0	0	0	0
3/15/2024 21:10	17801 GILB_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/15/2024 21:10	16302 ALPA_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/15/2024 21:10	55001 NEWP_T1	0	1	1	0	0.1	0.1	0	0	0	0	0	0	0	0
3/15/2024 21:10	46001 BERW_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/15/2024 21:11	53901 HALI_T2	1	1	0	0.7	0.7	0	0	0	0	0	0	0	0	0
3/15/2024 21:11	58401 MORO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/15/2024 21:11	60801 BUCK_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/15/2024 21:11	56802 BENV_T2	1	1	0	0.3	0.4	0.1	0	0	0	0	0	0	0	0
3/15/2024 21:11	49803 UNIV_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/15/2024 21:11	45902 AUBU_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/15/2024 21:11	57302 MOAL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/15/2024 21:11	16302 ALPA_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/15/2024 21:11	67503 WEWI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/15/2024 21:11	29402 BELT_T1	1	1	0	8	8.1	0.1	0	0	0	0	0	0	0	0
3/15/2024 21:11	23902 EFMO_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/15/2024 21:11	59402 RFLD_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/15/2024 21:12	42901 MIDD_T2	3	89	86	0.1	0.16	0.06	0	0	0	0	0	0	0	0
3/15/2024 21:12	24902 WHHA_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/15/2024 21:12	53902 HALI_T2	1	1	0	5.9	5.8	-0.1	0	0	0	0	0	0	0	0
3/15/2024 21:12	44302 BEAV_T2	1	58	57	0.1	0.17	0.07	0	0	0	0	0	0	0	0
3/15/2024 21:12	29402 BELT_T1	1	1	0	8	8.1	0.1	0	0	0	0	0	0	0	0
3/15/2024 21:12	43802 SWIL_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/15/2024 21:13	62607 ENGL_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/15/2024 21:13	56601 HAMP_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/15/2024 21:13	53901 HALI_T2	1	1	0	0.7	0.7	0	0	0	0	0	0	0	0	0
3/15/2024 21:13	43201 MVIL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/15/2024 21:13	41801 GOCI_T2	4	7	3	0.13	0.13	0	0	0	0	0	0	0	0	0
3/15/2024 21:13	13903 SEID_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/15/2024 21:13	52401 GRPA_T2	1	1	0	0.6	0.7	0.1	0	0	0	0	0	0	0	0
3/15/2024 21:13	46004 BERW_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/15/2024 21:13	45502 DERR_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/15/2024 21:13	10805 CHHI_T2	1	1	0	7.6	7.2	-0.4	0	0	0	0	0	0	0	0
3/15/2024 21:13	45901 AUBU_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/15/2024 21:13	56802 BENV_T2	1	1	0	0.3	0.4	0.1	0	0	0	0	0	0	0	0
3/15/2024 21:13	15001 BLMO_T1	4	4	0	0.15	0.43	0.28	0	0	0	0	0	0	0	0
3/15/2024 21:14	45601 WOOL_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/15/2024 21:14	23902 EFMO_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/15/2024 21:14	56802 BENV_T2	1	1	0	0.3	0.4	0.1	0	0	0	0	0	0	0	0
3/15/2024 21:14	59302 MCAL_T1	1	1	0	1.4	1.5	0.1	0	0	0	0	0	0	0	0
3/15/2024 21:14	42001 MNVL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/15/2024 21:14	20401 ASHF_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/15/2024 21:14	42701 AUGU_T1	1	1	0	0.2	0.3	0.1	0	0	0	0	0	0	0	0
3/15/2024 21:14	56801 BENV_T1	3	6	3	0.13	0.25	0.12	0	0	0	0	0	0	0	0
3/15/2024 21:14	14801 TREI_T2	71	98	27	0.21	0.4	0.19	0	0	0	0	0	0	0	0
3/15/2024 21:15	43802 SWIL_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/15/2024 21:15	59302 MCAL_T1	1	1	0	1.4	1.5	0.1	0	0	0	0	0	0	0	0
3/15/2024 21:15	14402 SSLA_T1	319	422	103	0.31	0.37	0.06	0	0	0	0	0	0	0	0
3/15/2024 21:15	52404 GRPA_T2	1	1	0	1.1	1.2	0.1	0	0	0	0	0	0	0	0
3/15/2024 21:15	52403 GRPA_T2	8	7	-1	0.28	0.13	-0.15	0	0	0	0	0	0	0	0
3/15/2024 21:15	53903 HALI_T2	2	2	0	1.6	1.75	0.15	0	0	0	0	0	0	0	0
3/15/2024 21:15	54502 ENOL_T2	1	1	0	0.5	0.8	0.3	0	0	0	0	0	0	0	0
3/15/2024 21:15	40101 HUNT_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/15/2024 21:15	59102 WALK_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/15/2024 21:15	41802 GOCI_T2	0	1	1	0	0.1	0.1	0	0	0	0	0	0	0	0
3/15/2024 21:15	57403 SPAN_T1	21	43	22	0.2	0.23	0.03	0	0	0	0	0	0	0	0
3/15/2024 21:15	43202 MVIL_T2	58	79	21	0.42	0.62	0.2	0	0	0	0	0	0	0	0
3/15/2024 21:15	41901 REED_T1	8	9	1	0.43	0.51	0.08	0	0	0	0	0	0	0	0
3/15/2024 21:15	43201 MVIL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/15/2024 21:15	46801 HEPB_T2	2	2	0	0.4	0.6	0.2	0	0	0	0	0	0	0	0
3/15/2024 21:15	46101 MACI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/15/2024 21:15	42701 AUGU_T1	1	1	0	0.3	0.3	0	0	0	0	0	0	0	0	0
3/15/2024 21:15	40602 PIGR_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/15/2024 21:15	42901 MIDD_T2	78	112	34	0.16	0.19	0.03	0	0	0	0	0	0	0	0
3/15/2024 21:15	46801 HEPB_T2	2	2	0	0.4	0.6	0.2	0	0	0	0	0	0	0	0
3/15/2024 21:15	45402 WBLO_T2	41	52	11	0.37	0.35	-0.02	0	0	0	0	0	0	0	0
3/15/2024 21:16	46206 DANV_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/15/2024 21:16	52402 GRPA_T2	18	18	0	0.62	0.63	0.01	0	0	0	0	0	0	0	0
3/15/2024 21:16	45601 WOOL_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/15/2024 21:16	57304 MOAL_T2	6	4	-2	0.25	0.3	0.05	0	0	0	0	0	0	0	0
3/15/2024 21:16	46301 ROHR_T1	17	66	49	0.12	0.15	0.03	0	0	0	0	0	0	0	0
3/15/2024 21:16	67503 WEWI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/15/2024 21:16	45901 AUBU_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/15/2024 21:16	64802 MONE_T2	9	130	121	0.1	0.16	0.06	0	0	0	0	0	0	0	0
3/15/2024 21:17	17804 GILB_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/15/2024 21:17	42503 ALTA_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/15/2024 21:17	52004 LING_T2	0	1	1	0	0.1	0.1	0	0	0	0	0	0	0	0
3/15/2024 21:17	12701 MACU_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/15/2024 21:18	46701 RENO_T1	1	16	15	8.2	0.66	-7.54	0	0	0	0	0	0	0	0
3/15/2024 21:18	12701 MACU_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/15/2024 21:18	56802 BENV_T2	1	2	1	0.3	0.25	-0.05	0	0	0	0	0	0	0	0
3/15/2024 21:18	43001 ALWD_T1	14	15	1	0.32	0.35	0.03	0	0	0	0	0	0	0	0
3/15/2024 21:18	58402 MORO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/15/2024 21:18	62605 ENGL_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/15/2024 21:18	53601 DALM_T2	1	1	0	0.2	0.6	0.4	0	0	0	0	0	0	0	0
3/15/2024 21:18	42202 SHEN_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/15/2024 21:18	40101 HUNT_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/15/2024 21:19	46205 DANV_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/15/2024 21:19	43801 SWIL_T1	2	2	0	3.25	3.2	-0.05	0	0	0	0	0	0	0	0
3/15/2024 21:19	43102 SMIL_T2	2	3	1	0.1	0.13	0.03	0	0	0	0	0	0	0	0
3/15/2024 21:19	67104 SPRI_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/15/2024 21:19	42701 AUGU_T1	1	1	0	0.3	0.3	0	0	0	0	0	0	0	0	0
3/15/2024 21:20	17804 GILB_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/15/2024 21:20	40603 PIGR_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/15/2024 21:20	59101 WALK_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/15/2024 21:20	58401 MORO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/15/2024 21:20	13501 MCMI_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/15/2024 21:20	67203 TEHI_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/15/2024 21:21	46702 RENO_T1	0	8	8	0	0.13	0.13	0	0	0	0	0	0	0	0
3/15/2024 21:21	42903 MIDD_T2	2	2	0	1.85	2	0.15	0	0	0	0	0	0	0	0
3/15/2024 21:21	29401 BELT_T1	63	66	3	0.23	0.23	0	0	0	0	0	0	0	0	0
3/15/2024 21:21	56803 BENV_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/15/2024 21:21	59102 WALK_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/15/2024 21:21	45402 WBLO_T2	41	52	11	0.37	0.35	-0.02	0	0	0	0	0	0	0	0
3/15/2024 21:21	42801 SELI_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/15/2024 21:22	54501 ENOL_T2	4	4	0	0.18	0.48	0.3	0	0	0	0	0	0	0	0
3/15/2024 21:22	29401 BELT_T1	63	66	3	0.23	0.23	0	0	0	0	0	0	0	0	0

3/15/2024 21:26	46701 RENO_T1	1	16	15	8.2	0.66	-7.54	0	0	0	0	0	0	0
3/15/2024 21:26	49803 UNIV_T1	0	2	2	0	0.1	0.1	0	0	0	0	0	0	0
3/15/2024 21:26	14802 TREI_T2	24	22	-2	0.34	0.39	0.05	0	0	0	0	0	0	0
3/15/2024 21:26	42701 AUGU_T1	1	1	0	0.3	0.3	0	0	0	0	0	0	0	0
3/15/2024 21:27	14402 SSLA_T1	319	422	103	0.31	0.37	0.06	0	0	0	0	0	0	0
3/15/2024 21:27	40602 PIGR_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
3/15/2024 21:27	53903 HALI_T2	2	2	0	1.6	1.75	0.15	0	0	0	0	0	0	0
3/15/2024 21:27	59402 RFLD_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
3/15/2024 21:28	14402 SSLA_T1	319	422	103	0.31	0.37	0.06	0	0	0	0	0	0	0
3/15/2024 21:28	14403 SSLA_T1	15	20	5	0.35	0.38	0.03	0	0	0	0	0	0	0
3/15/2024 21:28	42203 SHEN_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
3/15/2024 21:29	42801 SELI_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
3/15/2024 21:29	10706 CATA_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
3/15/2024 21:29	40101 HUNT_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
3/15/2024 21:29	40601 PIGR_T1	41	154	113	0.17	0.22	0.05	0	0	0	0	0	0	0
3/15/2024 21:29	15001 BLMO_T1	2	4	2	0.25	0.43	0.18	0	0	0	0	0	0	0
3/15/2024 21:29	40201 BEGA_T2	0	2	2	0	0.1	0.1	0	0	0	0	0	0	0
3/15/2024 21:30	41902 REED_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
3/15/2024 21:30	40101 HUNT_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
3/15/2024 21:31	41901 REED_T1	8	9	1	0.4	0.59	0.19	0	0	0	0	0	0	0
3/15/2024 21:31	13105 NHAM_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
3/15/2024 21:32	41903 REED_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
3/15/2024 21:35	44302 BEAV_T2	36	87	51	0.18	0.28	0.1	0	0	0	0	0	0	0
3/15/2024 21:36	65002 NEFF_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
3/15/2024 21:55	46803 HEPB_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
3/15/2024 22:31	10801 CHHI_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
3/15/2024 22:38	41801 GOCI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
3/15/2024 22:45	65002 NEFF_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
3/15/2024 22:53	25503 MADI_T1	142	207	65	0.27	0.33	0.06	0	0	0	0	0	0	0
3/15/2024 23:17	65004 NEFF_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
3/16/2024 0:31	53903 HALI_T2	2	2	0	1.4	1.45	0.05	0	0	0	0	0	0	0
3/16/2024 1:38	65004 NEFF_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
3/16/2024 2:36	65002 NEFF_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
3/16/2024 3:12	65003 NEFF_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
3/16/2024 3:18	65005 NEFF_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
3/16/2024 3:28	65005 NEFF_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
3/16/2024 3:44	65001 NEFF_T2	232	234	2	0.32	0.35	0.03	0	0	0	0	0	0	0
3/16/2024 4:26	65002 NEFF_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
3/16/2024 5:13	65002 NEFF_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
3/16/2024 5:55	65002 NEFF_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
3/16/2024 6:32	65003 NEFF_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
3/16/2024 7:03	65003 NEFF_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
3/16/2024 7:25	65001 NEFF_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
3/16/2024 7:35	65002 NEFF_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
3/16/2024 7:51	26002 WDAM_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
3/16/2024 7:58	29401 BELT_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
3/16/2024 7:59	23002 SAJO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
3/16/2024 8:11	23002 SAJO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
3/16/2024 8:12	65004 NEFF_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
3/16/2024 8:12	29401 BELT_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
3/16/2024 8:13	29402 BELT_T1	1	1	0	6.6	6.5	-0.1	0	0	0	0	0	0	0
3/16/2024 8:13	29402 BELT_T1	1	1	0	6.6	6.5	-0.1	0	0	0	0	0	0	0
3/16/2024 8:15	29401 BELT_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
3/16/2024 8:17	29401 BELT_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
3/16/2024 8:19	59101 WALK_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
3/16/2024 8:20	67103 SPRI_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
3/16/2024 8:22	45902 AUBU_T1	0	1	1	0	0.1	0.1	0	0	0	0	0	0	0
3/16/2024 8:31	13502 MCMI_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
3/16/2024 8:32	13501 MCMI_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
3/16/2024 8:43	65001 NEFF_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
3/16/2024 8:46	40101 HUNT_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
3/16/2024 8:48	13502 MCMI_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
3/16/2024 8:57	29401 BELT_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
3/16/2024 9:00	29401 BELT_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
3/16/2024 9:01	29402 BELT_T1	1	1	0	7.3	7.1	-0.2	0	0	0	0	0	0	0
3/16/2024 9:05	67103 SPRI_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
3/16/2024 9:09	10801 CHHI_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
3/16/2024 9:14	10801 CHHI_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
3/16/2024 9:17	13503 MCMI_T2	2	25	23	0.1	0.19	0.09	0	0	0	0	0	0	0
3/16/2024 9:25	65003 NEFF_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
3/16/2024 9:28	52403 GRPA_T2	4	8	4	0.33	0.38	0.05	0	0	0	0	0	0	0
3/16/2024 9:30	40101 HUNT_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
3/16/2024 9:30	29402 BELT_T1	1	1	0	7.1	7.3	0.2	0	0	0	0	0	0	0
3/16/2024 9:38	45901 AUBU_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
3/16/2024 9:38	42203 SHEN_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
3/16/2024 9:39	45901 AUBU_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
3/16/2024 9:39	10801 CHHI_T1	0	3	3	0	0.13	0.13	0	0	0	0	0	0	0
3/16/2024 9:40	10801 CHHI_T1	0	3	3	0	0.13	0.13	0	0	0	0	0	0	0
3/16/2024 9:41	65002 NEFF_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
3/16/2024 9:41	45902 AUBU_T1	1	1	0	1.3	1.8	0.5	0	0	0	0	0	0	0
3/16/2024 9:46	29401 BELT_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
3/16/2024 9:46	10801 CHHI_T1	2	2	0	0.15	0.15	0	0	0	0	0	0	0	0
3/16/2024 9:47	41903 REED_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
3/16/2024 9:50	41902 REED_T1	1	0	-1	0.1	0	-0.1	0	0	0	0	0	0	0
3/16/2024 9:51	43201 MVIL_T2	0	1	1	0	0.1	0.1	0	0	0	0	0	0	0
3/16/2024 9:52	45901 AUBU_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
3/16/2024 9:54	45902 AUBU_T1	1	1	0	1.5	1.8	0.3	0	0	0	0	0	0	0
3/16/2024 9:55	45502 DERR_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
3/16/2024 9:55	60201 ATGL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
3/16/2024 9:57	10801 CHHI_T1	2	2	0	0.15	0.15	0	0	0	0	0	0	0	0
3/16/2024 9:57	45902 AUBU_T1	1	1	0	1.5	1.8	0.3	0	0	0	0	0	0	0
3/16/2024 9:58	28403 HART_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
3/16/2024 9:58	25402 LAHA_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
3/16/2024 10:00	66301 MCGO_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
3/16/2024 10:00	54506 ENOL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
3/16/2024 10:00	67402 WAKE_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
3/16/2024 10:00	23001 SAJO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
3/16/2024 10:00	57303 MOAL_T2	1	1	0	8.1	7.8	-0.3	0	0	0	0	0	0	0
3/16/2024 10:00	42901 MIDD_T2	219	260	41	0.35	0.3	-0.05	0	0	0	0	0	0	0
3/16/2024 10:00	43001 ALWD_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
3/16/2024 10:00	41903 REED_T1	0	1	1	0	0.5	0.5	0	0	0	0	0	0	0
3/16/2024 10:00	40503 CRES_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
3/16/2024 10:00	16101 BING_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
3/16/2024 10:00	46004 BERW_T2	0	1	1	0	0	0	0	0	0	0	0	0	0
3/16/2024 10:00	40601 PIGR_T1	1	2	1	0.1	0.2	0.1	0	0	0	0	0	0	0
3/16/2024 10:00	67604 WARW_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
3/16/2024 10:00	62602 ENGL_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
3/16/2024 10:00	47101 MARL_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
3/16/2024 10:00	65002 NEFF_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
3/16/2024 10:00	60803 BUCK_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
3/16/2024 10:00	52403 GRPA_T2	4	9	5	0.43	0.54	0.11	0	0	0	0	0	0	0
3/16/2024 10:00	13902 SEID_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
3/16/2024 10:00	54602 SUMM_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
3/16/2024 10:00	53502 EVIL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
3/16/2024 10:00	45602 WOOL_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
3/16/2024 10:00	40601 PIGR_T1	1	2	1	0.1	0.2	0.1	0	0	0	0	0	0	0
3/16/2024 10:00	29402 BELT_T1	1	1	0	7.3	6.9	-0.4	0	0	0	0	0	0	0
3/16/2024 10:00	17803 GILB_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
3/16/2024 10:00	64101 REFR_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
3/16/2024 10:00	45501 DERR_T2	1	1	0	0.1	0.2	0.1	0	0	0	0	0	0	0
3/16/2024 10:00	42301 MOWR_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
3/16/2024 10:00	13501 MCMI_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
3/16/2024 10:00	53901 HALI_T2	2	2	0	0.2	0.45	0.25	0	0	0	0	0	0	0
3/16/2024 10:00	28604 BLYT_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
3/16/2024 10:00	40201 BEGA_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
3/16/2024 10:00	42204 SHEN_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
3/16/2024 10:00	56803 BENV_T1	1	0	-1	0.8	0	-0.8	0	0	0	0	0	0	0
3/16/2024 10:00	60701 BREC_T1	3	3	0	0.2	0.67	0.47	0	0	0	0	0	0	0
3/16/2024 10:00	10801 CHHI_T1	2	1	-1	0.15	0.2	0.05	0	0	0	0	0	0	0
3/16/2024 10:01	58402 MORO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
3/16/2024 10:01	46005 BERW_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
3/16/2024 10:06	58401 MORO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
3/16/2024 10:06	40101 HUNT_T2	0	1	1	0	0.1	0.1	0	0	0	0	0	0	0
3/16/2024 10:07	12501 MITR_T2	1	1	0	1.6	3.5	1.9	0	0	0	0	0	0	0
3/16/2024 10:07	48302 ORWI_T2	2	2	0	0.65	0.7	0.05	0	0	0	0	0	0	0
3/16/2024 10:07	45601 WOOL_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
3/16/2024 10:07	45902 AUBU_T1	1	2	1	1.8	0.55	-1.25	0	0	0	0	0	0	0
3/16/2024 10:07	64901 MILL_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
3/16/2024 10:07	40101 HUNT_T2	0	1	1	0	0.1	0.1	0	0	0	0	0	0	0
3/16/2024 10:07	58003 WCAR_T1	1	1	0	0.5	0.6	0.1	0	0	0	0	0	0	0
3/16/2024 10:07	10801 CHHI_T1	2	1	-1	0.15	0.2	0.05	0	0	0	0	0	0	0
3/16/2024 10:08	45901 AUBU_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
3/16/2024 10:08	24103 EHAZ_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
3/16/2024 10:08	67901 WNHO_T2	24	113	89	0.25	0.25	0	0	0	0	0	0	0	0
3/16/2024 10:08	29401 BELT_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
3/16/2024 10:08	52003 LING_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
3/16/2024 10:08	47104 MARL_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
3/16/2024 10:09	44302 BEAV_T2	203	256	53	0.45	0.47	0.02	0	0	0	0	0	0	0
3/16/2024 10:10	45502 DERR_T2	0	1	1	0	0	0	0	0	0	0	0	0	0
3/16/2024 10:10	41802 GOCI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
3/16/2024 10:10	45901 AUBU_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
3/16/2024 10:10	60201 ATGL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
3/16/2024 10:11	45901 AUBU_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
3/16/2024 10:11	42701 AUGU_T1	1	2	1	0.9	0.6	-0.3	0	0	0	0	0	0	0
3/16/2024 10:12	23002 SAJO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
3/16/2024 10:12	10801 CHHI_T1	2	1	-1	0.15	0.2	0.05	0	0	0	0	0	0	0
3/16/2024 10:12	42701 AUGU_T1	1	2	1	0.9	0.6	-0.3	0	0	0	0	0	0	0
3/16/2024 10:13	29402 BELT_T1	1	1	0	7.3	6.9	-0.4	0	0	0	0	0	0	0
3/16/2024 10:13	28403 HART_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
3/16/2024 10:14	28403 HART_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
3/16/2024 10:14	29401 BELT_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
3/16/2024 10:15	13502 MCMI_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
3/16/2024 10:15	64203 KINZ_T1	1	1	0	0.4	0.8	0.4	0	0	0	0	0	0	0
3/16/2024 10:15	41801 GOCI_T2	3	8	5	0.27	0.39	0.12	0	0	0	0	0	0	0
3/16/2024 10:15	29401 BELT_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
3/16/2024 10:16	41801 GOCI_T2	3	8	5	0.27	0.39	0.12	0	0	0	0	0	0	0
3/16/2024 10:16	52502 PROG_T2	1	2	1	0.2	0.4	0.2	0	0	0	0	0	0	0
3/16/2024 10:16	29402 BELT_T1	1	1	0	6.9	7	0.1	0	0	0	0	0	0	0
3/16/2024 10:17	29401 BELT_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
3/16/2024 10:17	43202 MVIL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
3/16/2024 10:17	65003 NEFF_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
3/16/2024 10:17	29401 BELT_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
3/16/2024 10:17	13503 MCMI_T2	51	10	-41	0.22	0.24	0.02	0	0	0	0	0	0	0
3/16/2024 10:18	13503 MCMI_T2	51	10	-41	0.22	0.24	0.02	0	0	0	0	0	0	0
3/16/2024 10:18	47402 PENS_T1	1	1	0	0.2	1.1	0.9	0	0	0	0	0	0	0
3/16/2024 10:18	58402 MORO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
3/16/2024 10:18	42902 MIDD_T2	108	155	47	0.54	0.56	0.02	0	0	0	0	0	0	0
3/16/2024 10:18	65005 NEFF_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
3/16/2024 10:21	67105 SPRI_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
3/16/2024 10:21	67502 WEWI_T2	1	2	1	0.5	0.4	-0.1	0	0	0	0	0	0	0
3/16/2024 10:21	13503 MCMI_T2	51	10	-41	0.22	0.24	0.02	0	0	0	0	0	0	0
3/16/2024 10:21	47401 PENS_T1	2	3	1	0.3	0.87	0.57	0	0	0	0	0	0	0
3/16/2024 10:21	67401 WAKE_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
3/16/2024 10:22	47402 PENS_T1	1	1	0	0.2	1.1	0.9	0	0	0	0	0	0	0
3/16/2024 10:22	26002 WDAM_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
3/16/2024 10:23	20403 ASHF_T2	1	3	2	0.8	0.43	-0.37	0	0	0	0	0	0	0
3/16/2024 10:23	67502 WEWI_T2	1	2	1	0.5	0.4	-0.1	0	0	0	0	0	0	0
3/16/2024 10:23	67203 TEHI_T1	0	1	1	0	0.3	0.3	0	0	0	0	0	0	0
3/16/2024 10:23	45901 AUBU_T1	0	1	1	0	0.1	0.1	0	0	0	0	0	0	0
3/16/2024 10:23	45502 DERR_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
3/16/2024 10:23	42701 AUGU_T1	1	2	1	1.1	0.7	-0.4	0	0	0	0	0	0	0
3/16/2024 10:24	67103 SPRI_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
3/16/2024 10:24	10805 CHHI_T2	1	7	6	7.6	7.8	0.2	0	0	0	0	0	0	0
3/16/2024 10:24	42701 AUGU_T1	1	2	1	1.1	0.7	-0.4	0	0	0	0	0	0	0
3/16/2024 10:25

Appendix C - Grid Benefits Achieved in Each Instance of Active Management

3/16/2024 10:52	67605 WARW_T1	16	19	3	0.49	0.65	0.16	0	0	0	0	0	0	0	0
3/16/2024 10:54	59102 WALK_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/16/2024 10:54	44302 BEAV_T2	245	292	47	0.57	0.56	-0.01	0	0	0	0	0	0	0	0
3/16/2024 10:54	20401 ASHF_T2	1	1	0	0.1	0.1	0	0	0	0	0	0	0	0	0
3/16/2024 10:55	44302 BEAV_T2	245	292	47	0.57	0.56	-0.01	0	0	0	0	0	0	0	0
3/16/2024 10:55	60803 BUCK_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/16/2024 10:56	44302 BEAV_T2	245	292	47	0.57	0.56	-0.01	0	0	0	0	0	0	0	0
3/16/2024 10:57	52401 GRPA_T2	0	3	3	0	0.27	0.27	0	0	0	0	0	0	0	0
3/16/2024 10:59	52404 GRPA_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/16/2024 11:00	52401 GRPA_T2	3	8	5	0.23	0.41	0.18	0	0	0	0	0	0	0	0
3/16/2024 11:00	45901 AUBU_T1	1	3	2	0.3	0.23	-0.07	0	0	0	0	0	0	0	0
3/16/2024 11:00	67603 WARW_T1	0	1	1	0	0.3	0.3	0	0	0	0	0	0	0	0
3/16/2024 11:00	52401 GRPA_T2	3	8	5	0.23	0.41	0.18	0	0	0	0	0	0	0	0
3/16/2024 11:00	28703 HAME_T2	1	0	-1	0.1	0	-0.1	0	0	0	0	0	0	0	0
3/16/2024 11:02	52404 GRPA_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/16/2024 11:02	64303 LINC_T1	0	2	2	0	0.25	0.25	0	0	0	0	0	0	0	0
3/16/2024 11:03	47002 HUGH_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/16/2024 11:06	20402 ASHF_T2	1	1	0	0.6	0	-0.6	0	0	0	0	0	0	0	0
3/16/2024 11:10	45901 AUBU_T1	1	3	2	0.3	0.23	-0.07	0	0	0	0	0	0	0	0
3/16/2024 11:10	10801 CHHI_T1	0	3	3	0	0.77	0.77	0	0	0	0	0	0	0	0
3/16/2024 11:11	20403 ASHF_T2	4	3	-1	0.43	0.53	0.1	0	0	0	0	0	0	0	0
3/16/2024 11:12	55103 WERT_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/16/2024 11:12	41602 CLEV_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/16/2024 11:13	41601 CLEV_T1	1	1	0	1.3	1.5	0.2	0	0	0	0	0	0	0	0
3/16/2024 11:14	47002 HUGH_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/16/2024 11:15	10801 CHHI_T1	3	4	1	0.77	0.63	-0.14	0	0	0	0	0	0	0	0
3/16/2024 11:16	45902 AUBU_T1	3	4	1	1.03	0.85	-0.18	0	0	0	0	0	0	0	0
3/16/2024 11:16	42901 MIDD_T2	311	257	-54	0.34	0.33	-0.01	0	0	0	0	0	0	0	0
3/16/2024 11:19	58402 MORO_T1	0	1	1	0	0.2	0.2	0	0	0	0	0	0	0	0
3/16/2024 11:19	52502 PROG_T2	3	4	1	0.47	0.35	-0.12	0	0	0	0	0	0	0	0
3/16/2024 11:23	60201 ATGL_T2	1	2	1	0.1	0.4	0.3	0	0	0	0	0	0	0	0
3/16/2024 11:24	10704 CATA_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/16/2024 11:26	10801 CHHI_T1	3	4	1	0.77	0.63	-0.14	0	0	0	0	0	0	0	0
3/16/2024 11:26	45901 AUBU_T1	3	1	-2	0.2	0.5	0.3	0	0	0	0	0	0	0	0
3/16/2024 11:26	60201 ATGL_T2	1	2	1	0.1	0.4	0.3	0	0	0	0	0	0	0	0
3/16/2024 11:27	60201 ATGL_T2	1	2	1	0.1	0.4	0.3	0	0	0	0	0	0	0	0
3/16/2024 11:29	13503 MCMI_T2	40	141	101	0.22	0.35	0.13	0	0	0	0	0	0	0	0
3/16/2024 11:30	13501 MCMI_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/16/2024 11:30	59301 MCAL_T1	2	6	4	0.6	0.28	-0.32	0	0	0	0	0	0	0	0
3/16/2024 11:31	13501 MCMI_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/16/2024 11:31	10801 CHHI_T1	3	6	3	0.27	0.65	0.38	0	0	0	0	0	0	0	0
3/16/2024 11:31	45901 AUBU_T1	1	2	1	0.5	0.45	-0.05	0	0	0	0	0	0	0	0
3/16/2024 11:31	13503 MCMI_T2	42	177	135	0.2	0.46	0.26	0	0	0	0	0	0	0	0
3/16/2024 11:32	13503 MCMI_T2	42	177	135	0.2	0.46	0.26	0	0	0	0	0	0	0	0
3/16/2024 11:33	13501 MCMI_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/16/2024 11:33	13503 MCMI_T2	42	177	135	0.2	0.46	0.26	0	0	0	0	0	0	0	0
3/16/2024 11:34	42801 SELI_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/16/2024 11:35	52502 PROG_T2	4	0	-4	0.35	0	-0.35	0	0	0	0	0	0	0	0
3/16/2024 11:35	67105 SPRI_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/16/2024 11:35	52503 PROG_T2	1	0	-1	0.1	0	-0.1	0	0	0	0	0	0	0	0
3/16/2024 11:37	67603 WARW_T1	1	2	1	0.3	0.65	0.35	0	0	0	0	0	0	0	0
3/16/2024 11:37	45901 AUBU_T1	1	2	1	0.5	0.45	-0.05	0	0	0	0	0	0	0	0
3/16/2024 11:37	65003 NEFF_T2	0	1	1	0	0.5	0.5	0	0	0	0	0	0	0	0
3/16/2024 11:37	42803 SELI_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/16/2024 11:37	45902 AUBU_T1	4	5	1	0.85	0.9	0.05	0	0	0	0	0	0	0	0
3/16/2024 11:38	43001 ALWD_T1	0	1	1	0	0.1	0.1	0	0	0	0	0	0	0	0
3/16/2024 11:39	42204 SHEN_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/16/2024 11:39	45902 AUBU_T1	4	5	1	0.85	0.9	0.05	0	0	0	0	0	0	0	0
3/16/2024 11:40	67605 WARW_T1	19	23	4	0.67	0.76	0.09	0	0	0	0	0	0	0	0
3/16/2024 11:40	23001 SAJO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/16/2024 11:40	45902 AUBU_T1	4	5	1	0.85	0.9	0.05	0	0	0	0	0	0	0	0
3/16/2024 11:41	43001 ALWD_T1	0	1	1	0	0.1	0.1	0	0	0	0	0	0	0	0
3/16/2024 11:42	45901 AUBU_T1	1	2	1	0.5	0.45	-0.05	0	0	0	0	0	0	0	0
3/16/2024 11:42	60801 BUCK_T1	0	2	2	0	0.3	0.3	0	0	0	0	0	0	0	0
3/16/2024 11:42	60801 BUCK_T1	0	2	2	0	0.3	0.3	0	0	0	0	0	0	0	0
3/16/2024 11:43	46801 HEPB_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/16/2024 11:44	41802 GOCI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/16/2024 11:45	41802 GOCI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/16/2024 11:45	52004 LING_T2	1	2	1	1.7	1.2	-0.5	0	0	0	0	0	0	0	0
3/16/2024 11:45	52404 GRPA_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/16/2024 11:45	40101 HUNT_T2	1	0	-1	0.3	0	-0.3	0	0	0	0	0	0	0	0
3/16/2024 11:46	40101 HUNT_T2	1	0	-1	0.3	0	-0.3	0	0	0	0	0	0	0	0
3/16/2024 11:46	41801 GOCI_T2	132	87	-45	0.43	0.28	-0.15	0	0	0	0	0	0	0	0
3/16/2024 11:46	64903 MILL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/16/2024 11:47	26401 INOR_T1	2	3	1	0.3	0.5	0.2	0	0	0	0	0	0	0	0
3/16/2024 11:47	64902 MILL_T2	0	1	1	0	0.3	0.3	0	0	0	0	0	0	0	0
3/16/2024 11:47	40101 HUNT_T2	1	0	-1	0.3	0	-0.3	0	0	0	0	0	0	0	0
3/16/2024 11:48	41901 REED_T1	0	1	1	0	0.1	0.1	0	0	0	0	0	0	0	0
3/16/2024 11:51	41901 REED_T1	0	1	1	0	0.1	0.1	0	0	0	0	0	0	0	0
3/16/2024 11:51	52503 PROG_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/16/2024 11:51	46701 RENO_T1	2	2	0	4.75	4.4	-0.35	0	0	0	0	0	0	0	0
3/16/2024 11:51	52503 PROG_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/16/2024 11:52	67603 WARW_T1	2	2	0	0.4	0.65	0.25	0	0	0	0	0	0	0	0
3/16/2024 11:54	44302 BEAV_T2	138	217	79	0.42	0.41	-0.01	0	0	0	0	0	0	0	0
3/16/2024 11:54	10801 CHHI_T1	4	6	2	0.63	0.8	0.17	0	0	0	0	0	0	0	0
3/16/2024 11:55	41801 GOCI_T2	132	87	-45	0.43	0.28	-0.15	0	0	0	0	0	0	0	0
3/16/2024 11:55	67605 WARW_T1	21	24	3	0.64	0.8	0.16	0	0	0	0	0	0	0	0
3/16/2024 11:55	10805 CHHI_T2	1	1	0	8.1	7.9	-0.2	0	0	0	0	0	0	0	0
3/16/2024 11:57	17805 GILB_T2	0	1	1	0	0.3	0.3	0	0	0	0	0	0	0	0
3/16/2024 11:57	17801 GILB_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/16/2024 11:57	10801 CHHI_T1	4	6	2	0.63	0.8	0.17	0	0	0	0	0	0	0	0
3/16/2024 11:58	10805 CHHI_T2	1	1	0	8.1	7.9	-0.2	0	0	0	0	0	0	0	0
3/16/2024 11:58	17801 GILB_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/16/2024 12:00	52402 GRPA_T2	2	5	3	2	1	-1	0	0	0	0	0	0	0	0
3/16/2024 12:00	41802 GOCI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/16/2024 12:01	41801 GOCI_T2	78	119	41	0.27	0.4	0.13	0	0	0	0	0	0	0	0
3/16/2024 12:02	10801 CHHI_T1	5	7	2	0.64	1.11	0.47	0	0	0	0	0	0	0	0
3/16/2024 12:06	67605 WARW_T1	23	35	12	0.76	0.65	-0.11	0	0	0	0	0	0	0	0
3/16/2024 12:06	58003 WCAR_T1	1	1	0	0.7	1	0.3	0	0	0	0	0	0	0	0
3/16/2024 12:06	14402 SSLA_T1	0	2	2	0	0.15	0.15	0	0	0	0	0	0	0	0
3/16/2024 12:06	52502 PROG_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/16/2024 12:06	52503 PROG_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/16/2024 12:07	56803 BENV_T1	0	2	2	0	0.15	0.15	0	0	0	0	0	0	0	0
3/16/2024 12:07	58001 WCAR_T1	3	4	1	0.13	0.3	0.17	0	0	0	0	0	0	0	0
3/16/2024 12:07	43104 SMIL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/16/2024 12:08	14802 TREI_T2	4	5	1	0.2	0.58	0.38	0	0	0	0	0	0	0	0
3/16/2024 12:08	56803 BENV_T1	0	2	2	0	0.15	0.15	0	0	0	0	0	0	0	0
3/16/2024 12:09	56803 BENV_T1	0	2	2	0	0.15	0.15	0	0	0	0	0	0	0	0
3/16/2024 12:10	56801 BENV_T1	27	27	0	1.14	1.15	0.01	0	0	0	0	0	0	0	0
3/16/2024 12:10	10801 CHHI_T1	5	7	2	0.64	1.11	0.47	0	0	0	0	0	0	0	0
3/16/2024 12:11	56801 BENV_T1	27	27	0	1.14	1.15	0.01	0	0	0	0	0	0	0	0
3/16/2024 12:11	46005 BERW_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/16/2024 12:11	10805 CHHI_T2	1	1	0	7.9	7.6	-0.3	0	0	0	0	0	0	0	0
3/16/2024 12:13	17805 GILB_T2	1	1	0	0.1	0.4	0.3	0	0	0	0	0	0	0	0
3/16/2024 12:13	17802 GILB_T1	1	1	0	0.1	0.6	0.5	0	0	0	0	0	0	0	0
3/16/2024 12:13	10801 CHHI_T1	5	7	2	0.64	1.11	0.47	0	0	0	0	0	0	0	0
3/16/2024 12:14	17802 GILB_T1	1	1	0	0.1	0.6	0.5	0	0	0	0	0	0	0	0
3/16/2024 12:15	10805 CHHI_T2	1	1	0	7.9	7.6	-0.3	0	0	0	0	0	0	0	0
3/16/2024 12:18	10801 CHHI_T1	4	7	3	1.15	0.79	-0.36	0	0	0	0	0	0	0	0
3/16/2024 12:18	41901 REED_T1	1	1	0	0.1	0.1	0	0	0	0	0	0	0	0	0
3/16/2024 12:19	41901 REED_T1	1	1	0	0.1	0.1	0	0	0	0	0	0	0	0	0
3/16/2024 12:21	41902 REED_T1	4	6	2	0.43	0.72	0.29	0	0	0	0	0	0	0	0
3/16/2024 12:22	41903 REED_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/16/2024 12:23	46001 BERW_T1	0	1	1	0	0	0	0	0	0	0	0	0	0	0
3/16/2024 12:24	10703 CATA_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/16/2024 12:24	65002 NEFF_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/16/2024 12:27	46001 BERW_T1	0	1	1	0	0	0	0	0	0	0	0	0	0	0
3/16/2024 12:28	23003 SAJO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/16/2024 12:28	10801 CHHI_T1	4	7	3	1.15	0.79	-0.36	0	0	0	0	0	0	0	0
3/16/2024 12:33	44201 POIN_T1	7	22	15	0.17	0.14	-0.03	0	0	0	0	0	0	0	0
3/16/2024 12:33	46701 RENO_T1	2	62	60	4.65	0.35	-4.3	0	0	0	0	0	0	0	0
3/16/2024 12:34	10801 CHHI_T1	6	5	-1	0.82	0.94	0.12	0	0	0	0	0	0	0	0
3/16/2024 12:34	26402 INOR_T1	2	2	0	0.25	0.3	0.05	0	0	0	0	0	0	0	0
3/16/2024 12:34	44201 POIN_T1	7	22	15	0.17	0.14	-0.03	0	0	0	0	0	0	0	0
3/16/2024 12:38	45302 WBER_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/16/2024 12:39	45301 WBER_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/16/2024 12:39	56803 BENV_T1	2	3	1	0.15	0.3	0.15	0	0	0	0	0	0	0	0
3/16/2024 12:39	44301 BEAV_T2	10	13	3	0.41	0.55	0.14	0	0	0	0	0	0	0	0
3/16/2024 12:40	67605 WARW_T1	35	33	-2	0.64	0.68	0.04	0	0	0	0	0	0	0	0
3/16/2024 12:40	56803 BENV_T1	2	3	1	0.15	0.3	0.15	0	0	0	0	0	0	0	0
3/16/2024 12:40	53501 EVIL_T2	15	16	1	0.7	0.74	0.04	0	0	0	0	0	0	0	0
3/16/2024 12:40	43001 ALWD_T1	1	2	1	0.2	0.7	0.5	0	0	0	0	0	0	0	0
3/16/2024 12:41	56801 BENV_T1	23	35	12	1.17	1.05	-0.12	0	0	0	0	0	0	0	0
3/16/2024 12:41	44302 BEAV_T2	360	475	115	0.5	0.68	0.18	0	0	0	0	0	0	0	0
3/16/2024 12:41	45303 WBER_T2	1	5	4	0.2	0.16	-0.04	0	0	0	0	0	0	0	0
3/16/2024 12:42	53502 EVIL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/16/2024 12:42	44301 BEAV_T2	10	13	3	0.41	0.55	0.14	0	0	0	0	0	0	0	0
3/16/2024 12:42	56801 BENV_T1	23	35	12	1.17	1.05	-0.12	0	0	0	0	0	0	0	0
3/16/2024 12:42	46004 BERW_T2	0	1	1	0	0.2	0.2	0	0	0	0	0	0	0	0
3/16/2024 12:43	56801 BENV_T1	23	35	12	1.17	1.05	-0.12	0	0	0	0	0	0	0	0
3/16/2024 12:44	43001 ALWD_T1	1	2	1	0.2	0.7	0.5	0	0	0	0	0	0	0	0
3/16/2024 12:57	23401 HONE_T2	5	6	1	0.84	0.87	0.03	0	0	0	0	0	0	0	0
3/16/2024 12:59	59302 MCAL_T1	2	3	1	0.7	0.67	-0.03	0	0	0	0	0	0	0	0
3/16/2024 13:00	52004 LING_T2	1	3	2	1.6	0.83	-0.77	0	0	0	0	0	0	0	0
3/16/2024 13:01	65003 NEFF_T2	1	2	1	0.7	0.5	-0.2	0	0	0	0	0	0	0	0
3/16/2024 13:03	13501 MCMI_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/16/2024 13:06	26401 INOR_T1	2	13	11	0.35	0.25	-0.1	0	0	0	0	0	0	0	0
3/16/2024 13:08	45902 AUBU_T1	3	5	2	0.73	1.18	0.45	0	0	0	0	0	0	0	0
3/16/2024 13:09	45901 AUBU_T1	0	1	1	0	0.2	0.2	0	0	0	0	0	0	0	0
3/16/2024 13:11	45902 AUBU_T1	3	5	2	0.73	1.18	0.45	0	0	0	0	0	0	0	0
3/16/2024 13:11	45902 AUBU_T1	3	5	2	0.73	1.18	0.45	0	0	0	0	0	0	0	0
3/16/2024 13:17	65503 MOJO_T2	14	30	16	0.61	0.45	-0.16	0	0	0	0	0	0	0	0
3/16/2024 13:19	65503 MOJO_T2	14	30	16	0.61	0.45	-0.16	0	0	0	0	0	0	0	0
3/16/2024 13:22	26401 INOR_T1	4	13	9	0.48	0.23	-0.25	0	0	0	0	0	0	0	0
3/16/2024 13:23	13903 SEID_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/16/2024 13:26	10801 CHHI_T1	5	8	3	0.92	0.91	-0.01	0	0	0	0	0	0	0	0
3/16/2024 13:28	53903 HALI_T2	15	19	4	0.71	0.73	0.02	0	0	0	0	0	0	0	0
3/16/2024 13:29	23402 HONE_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/16/2024 13:31	10801 CHHI_T1	7	6	-1	0.93	1.12	0.19	0	0	0	0	0	0	0	0
3/16/2024 13:35	41903 REED_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/16/2024 13:37	45902 AUBU_T1	5	11	6	1.18	0.87	-0.31	0	0	0	0	0	0	0	0
3/16/2024 13:37	45301 WBER_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/16/2024 13:37	41901 REED_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/16/2024 13:37	14802 TREI_T2	6	6	0	0.75	0.87	0.12	0	0	0	0	0	0	0	0
3/16/2024 13:37	45902 AUBU_T1	5	11	6	1.18	0.87	-0.31	0	0	0	0	0	0	0	0
3/16/2024 13:39	45301 WBER_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/16/2024 13:39	56801 BENV_T1	23	26	3	1.12	1.09	-0.03	0	0	0	0	0	0	0	0
3/16/2024 13:40	56801 BENV_T1	23	26	3	1.12	1.09	-0.03	0	0	0	0	0	0	0	0
3/16/2024 13:41	67105 SPRI_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/16/2024 13:41	56601 HAMP_T1	9	45	36	0.34	0.26	-0.08	0	0	0	0	0	0	0	0
3/16/2024 13:41	45301 WBER_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/16/2024 13:42	56803 BENV_T1	3	1	-2	0.3	0.1	-0.2	0	0	0

Appendix C - Grid Benefits Achieved in Each Instance of Active Management

3/16/2024 14:11	56803 BENV_T1	1	2	1	0.1	0.35	0.25	0	0	0	0	0	0	0	0
3/16/2024 14:11	45901 AUBU_T1	1	1	0	0.3	0.4	0.1	0	0	0	0	0	0	0	0
3/16/2024 14:11	44302 BEAV_T2	508	521	13	0.81	0.87	0.06	0	0	0	0	0	0	0	0
3/16/2024 14:11	10801 CHHI_T1	6	8	2	1.03	0.65	-0.38	0	0	0	0	0	0	0	0
3/16/2024 14:12	67502 WEWI_T2	13	10	-3	0.38	0.37	-0.01	0	0	0	0	0	0	0	0
3/16/2024 14:12	45901 AUBU_T1	1	1	0	0.3	0.4	0.1	0	0	0	0	0	0	0	0
3/16/2024 14:12	56803 BENV_T1	1	2	1	0.1	0.35	0.25	0	0	0	0	0	0	0	0
3/16/2024 14:13	56803 BENV_T1	1	2	1	0.1	0.35	0.25	0	0	0	0	0	0	0	0
3/16/2024 14:13	10801 CHHI_T1	6	8	2	1.03	0.65	-0.38	0	0	0	0	0	0	0	0
3/16/2024 14:14	45901 AUBU_T1	1	1	0	0.3	0.4	0.1	0	0	0	0	0	0	0	0
3/16/2024 14:14	56802 BENV_T2	5	5	0	0.62	0.62	0	0	0	0	0	0	0	0	0
3/16/2024 14:15	28403 HART_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/16/2024 14:16	58402 MORO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/16/2024 14:17	58401 MORO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/16/2024 14:18	58402 MORO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/16/2024 14:18	58402 MORO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/16/2024 14:18	55002 NEWP_T1	9	10	1	0.53	0.72	0.19	0	0	0	0	0	0	0	0
3/16/2024 14:19	46702 RENO_T1	0	1	1	0	0.2	0.2	0	0	0	0	0	0	0	0
3/16/2024 14:19	55002 NEWP_T1	9	10	1	0.53	0.72	0.19	0	0	0	0	0	0	0	0
3/16/2024 14:19	58401 MORO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/16/2024 14:21	59101 WALK_T2	1	1	0	0.3	0.2	-0.1	0	0	0	0	0	0	0	0
3/16/2024 14:21	26002 WDAM_T1	8	7	-1	0.7	0.8	0.1	0	0	0	0	0	0	0	0
3/16/2024 14:22	13902 SEID_T1	1	1	0	0.5	0.4	-0.1	0	0	0	0	0	0	0	0
3/16/2024 14:22	16302 ALPA_T2	2	1	-1	0.35	0.1	-0.25	0	0	0	0	0	0	0	0
3/16/2024 14:22	60201 ATGL_T2	2	4	2	0.5	0.43	-0.07	0	0	0	0	0	0	0	0
3/16/2024 14:22	67503 WEWI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/16/2024 14:22	45902 AUBU_T1	12	8	-4	0.83	0.98	0.15	0	0	0	0	0	0	0	0
3/16/2024 14:23	45901 AUBU_T1	1	1	0	0.4	0.3	-0.1	0	0	0	0	0	0	0	0
3/16/2024 14:23	16302 ALPA_T2	2	1	-1	0.35	0.1	-0.25	0	0	0	0	0	0	0	0
3/16/2024 14:23	67103 SPRI_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/16/2024 14:23	67502 WEWI_T2	6	9	3	0.48	0.39	-0.09	0	0	0	0	0	0	0	0
3/16/2024 14:24	59102 WALK_T2	1	1	0	0.5	0.1	-0.4	0	0	0	0	0	0	0	0
3/16/2024 14:24	56801 BENV_T1	23	28	5	0.72	0.83	0.11	0	0	0	0	0	0	0	0
3/16/2024 14:24	44302 BEAV_T2	484	532	48	0.8	0.91	0.11	0	0	0	0	0	0	0	0
3/16/2024 14:24	60201 ATGL_T2	2	4	2	0.5	0.43	-0.07	0	0	0	0	0	0	0	0
3/16/2024 14:24	10801 CHHI_T1	6	8	2	0.57	0.58	0.01	0	0	0	0	0	0	0	0
3/16/2024 14:25	59102 WALK_T2	1	1	0	0.5	0.1	-0.4	0	0	0	0	0	0	0	0
3/16/2024 14:25	45901 AUBU_T1	1	1	0	0.4	0.3	-0.1	0	0	0	0	0	0	0	0
3/16/2024 14:25	45902 AUBU_T1	12	8	-4	0.83	0.98	0.15	0	0	0	0	0	0	0	0
3/16/2024 14:25	67502 WEWI_T2	6	9	3	0.48	0.39	-0.09	0	0	0	0	0	0	0	0
3/16/2024 14:25	56801 BENV_T1	23	28	5	0.72	0.83	0.11	0	0	0	0	0	0	0	0
3/16/2024 14:26	60701 BREC_T1	2	2	0	0.75	0.9	0.15	0	0	0	0	0	0	0	0
3/16/2024 14:26	56802 BENV_T2	5	3	-2	0.58	0.9	0.32	0	0	0	0	0	0	0	0
3/16/2024 14:26	56803 BENV_T1	1	2	1	0.3	0.35	0.05	0	0	0	0	0	0	0	0
3/16/2024 14:26	10801 CHHI_T1	6	8	2	0.57	0.58	0.01	0	0	0	0	0	0	0	0
3/16/2024 14:26	60201 ATGL_T2	2	4	2	0.5	0.43	-0.07	0	0	0	0	0	0	0	0
3/16/2024 14:26	23901 EFMO_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/16/2024 14:27	45901 AUBU_T1	1	1	0	0.4	0.3	-0.1	0	0	0	0	0	0	0	0
3/16/2024 14:27	40101 HUNT_T2	0	1	1	0	0.6	0.6	0	0	0	0	0	0	0	0
3/16/2024 14:27	56801 BENV_T1	1	2	1	0.3	0.35	0.05	0	0	0	0	0	0	0	0
3/16/2024 14:27	23401 HONE_T2	8	5	-3	0.75	0.7	-0.05	0	0	0	0	0	0	0	0
3/16/2024 14:27	46004 BERW_T2	1	2	1	0.2	0.1	-0.1	0	0	0	0	0	0	0	0
3/16/2024 14:27	53502 EVIL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/16/2024 14:27	44302 BEAV_T2	484	532	48	0.8	0.91	0.11	0	0	0	0	0	0	0	0
3/16/2024 14:27	60701 BREC_T1	2	2	0	0.75	0.9	0.15	0	0	0	0	0	0	0	0
3/16/2024 14:28	56801 BENV_T1	23	28	5	0.72	0.83	0.11	0	0	0	0	0	0	0	0
3/16/2024 14:28	46602 LACR_T1	7	4	-3	0.46	0.63	0.17	0	0	0	0	0	0	0	0
3/16/2024 14:29	56802 BENV_T2	5	3	-2	0.58	0.9	0.32	0	0	0	0	0	0	0	0
3/16/2024 14:29	10801 CHHI_T1	6	8	2	0.57	0.58	0.01	0	0	0	0	0	0	0	0
3/16/2024 14:29	56803 BENV_T1	1	2	1	0.3	0.35	0.05	0	0	0	0	0	0	0	0
3/16/2024 14:29	40101 HUNT_T2	0	1	1	0	0.6	0.6	0	0	0	0	0	0	0	0
3/16/2024 14:30	53502 EVIL_T2	0	1	1	0	0.1	0.1	0	0	0	0	0	0	0	0
3/16/2024 14:30	45901 AUBU_T1	1	1	0	0.2	0.3	0.1	0	0	0	0	0	0	0	0
3/16/2024 14:30	67401 WAKE_T2	6	6	0	0.37	0.32	-0.05	0	0	0	0	0	0	0	0
3/16/2024 14:30	23403 HONE_T1	5	2	-3	0.38	0.2	-0.18	0	0	0	0	0	0	0	0
3/16/2024 14:30	23402 HONE_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/16/2024 14:31	46801 HEPB_T2	2	0	-2	0.3	0	-0.3	0	0	0	0	0	0	0	0
3/16/2024 14:31	67401 WAKE_T2	6	6	0	0.37	0.32	-0.05	0	0	0	0	0	0	0	0
3/16/2024 14:31	23401 HONE_T2	5	3	-2	0.7	0.67	-0.03	0	0	0	0	0	0	0	0
3/16/2024 14:32	47401 PENS_T1	45	49	4	0.34	0.4	0.06	0	0	0	0	0	0	0	0
3/16/2024 14:32	25503 MADI_T1	145	124	-21	0.29	0.23	-0.06	0	0	0	0	0	0	0	0
3/16/2024 14:32	52006 LING_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/16/2024 14:32	40101 HUNT_T2	0	1	1	0	0.6	0.6	0	0	0	0	0	0	0	0
3/16/2024 14:33	67401 WAKE_T2	6	6	0	0.37	0.32	-0.05	0	0	0	0	0	0	0	0
3/16/2024 14:33	47403 PENS_T1	9	13	4	0.51	0.48	-0.03	0	0	0	0	0	0	0	0
3/16/2024 14:33	41903 REED_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/16/2024 14:33	58402 MORO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/16/2024 14:33	44201 POIN_T1	42	1	-41	0.2	0.3	0.1	0	0	0	0	0	0	0	0
3/16/2024 14:34	27502 WEIS_T2	0	4	4	0	0.5	0.5	0	0	0	0	0	0	0	0
3/16/2024 14:34	43101 SMIL_T2	5	3	-2	0.78	0.8	0.02	0	0	0	0	0	0	0	0
3/16/2024 14:34	47402 PENS_T1	8	19	11	0.34	0.37	0.03	0	0	0	0	0	0	0	0
3/16/2024 14:34	46602 LACR_T1	4	2	-2	0.63	0.4	-0.23	0	0	0	0	0	0	0	0
3/16/2024 14:34	44201 POIN_T1	42	1	-41	0.2	0.3	0.1	0	0	0	0	0	0	0	0
3/16/2024 14:35	44201 POIN_T1	42	1	-41	0.2	0.3	0.1	0	0	0	0	0	0	0	0
3/16/2024 14:35	47403 PENS_T1	9	13	4	0.51	0.48	-0.03	0	0	0	0	0	0	0	0
3/16/2024 14:35	59102 WALK_T2	0	1	1	0	0.3	0.3	0	0	0	0	0	0	0	0
3/16/2024 14:35	44601 SALE_T2	0	1	1	0	0.1	0.1	0	0	0	0	0	0	0	0
3/16/2024 14:36	67503 WEWI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/16/2024 14:36	26001 WDAM_T1	6	1	-5	0.32	0.3	-0.02	0	0	0	0	0	0	0	0
3/16/2024 14:36	41903 REED_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/16/2024 14:36	44201 POIN_T1	42	1	-41	0.2	0.3	0.1	0	0	0	0	0	0	0	0
3/16/2024 14:37	45902 AUBU_T1	8	8	0	0.93	0.94	0.01	0	0	0	0	0	0	0	0
3/16/2024 14:37	26001 WDAM_T1	6	1	-5	0.32	0.3	-0.02	0	0	0	0	0	0	0	0
3/16/2024 14:37	59101 WALK_T2	0	1	1	0	0.2	0.2	0	0	0	0	0	0	0	0
3/16/2024 14:37	53101 WTWN_T1	6	7	1	0.47	0.67	0.2	0	0	0	0	0	0	0	0
3/16/2024 14:37	44601 SALE_T2	0	1	1	0	0.1	0.1	0	0	0	0	0	0	0	0
3/16/2024 14:38	46002 BERW_T2	1	1	0	0.4	0.6	0.2	0	0	0	0	0	0	0	0
3/16/2024 14:38	44301 BEAV_T2	25	28	3	0.47	0.56	0.09	0	0	0	0	0	0	0	0
3/16/2024 14:38	42204 SHEN_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/16/2024 14:38	13903 SEID_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/16/2024 14:38	67104 SPRI_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/16/2024 14:38	60201 ATGL_T2	4	4	0	0.43	0.43	0	0	0	0	0	0	0	0	0
3/16/2024 14:38	67503 WEWI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/16/2024 14:38	45901 AUBU_T1	1	1	0	0.2	0.3	0.1	0	0	0	0	0	0	0	0
3/16/2024 14:38	44201 POIN_T1	42	1	-41	0.2	0.3	0.1	0	0	0	0	0	0	0	0
3/16/2024 14:39	45303 WBER_T2	9	10	1	0.27	0.38	0.11	0	0	0	0	0	0	0	0
3/16/2024 14:39	44301 BEAV_T2	25	28	3	0.47	0.56	0.09	0	0	0	0	0	0	0	0
3/16/2024 14:39	67503 WEWI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/16/2024 14:39	56803 BENV_T1	2	1	-1	0.35	0.2	-0.15	0	0	0	0	0	0	0	0
3/16/2024 14:39	10805 CHHI_T2	1	1	0	7.6	7.5	-0.1	0	0	0	0	0	0	0	0
3/16/2024 14:40	60201 ATGL_T2	4	4	0	0.43	0.43	0	0	0	0	0	0	0	0	0
3/16/2024 14:40	45303 WBER_T2	9	10	1	0.27	0.38	0.11	0	0	0	0	0	0	0	0
3/16/2024 14:40	44302 BEAV_T2	513	547	34	0.86	0.94	0.08	0	0	0	0	0	0	0	0
3/16/2024 14:40	61802 EEU_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/16/2024 14:40	23902 EFMO_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/16/2024 14:40	56802 BENV_T2	3	2	-1	0.8	1.25	0.45	0	0	0	0	0	0	0	0
3/16/2024 14:40	10801 CHHI_T1	8	7	-1	0.54	0.6	0.06	0	0	0	0	0	0	0	0
3/16/2024 14:40	56801 BENV_T1	24	29	5	0.81	0.81	0	0	0	0	0	0	0	0	0
3/16/2024 14:40	45901 AUBU_T1	1	1	0	0.2	0.3	0.1	0	0	0	0	0	0	0	0
3/16/2024 14:40	67502 WEWI_T2	9	9	0	0.38	0.37	-0.01	0	0	0	0	0	0	0	0
3/16/2024 14:40	59101 WALK_T2	0	1	1	0	0.2	0.2	0	0	0	0	0	0	0	0
3/16/2024 14:41	60801 BUCK_T1	4	4	0	0.3	0.4	0.1	0	0	0	0	0	0	0	0
3/16/2024 14:41	45303 WBER_T2	9	10	1	0.27	0.38	0.11	0	0	0	0	0	0	0	0
3/16/2024 14:41	23902 EFMO_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/16/2024 14:41	56802 BENV_T2	3	2	-1	0.8	1.25	0.45	0	0	0	0	0	0	0	0
3/16/2024 14:41	53502 EVIL_T2	0	1	1	0	0.1	0.1	0	0	0	0	0	0	0	0
3/16/2024 14:41	45901 AUBU_T1	1	1	0	0.2	0.3	0.1	0	0	0	0	0	0	0	0
3/16/2024 14:41	45902 AUBU_T1	8	8	0	0.93	0.94	0.01	0	0	0	0	0	0	0	0
3/16/2024 14:41	60803 BUCK_T1	1	1	0	0.2	0.2	0	0	0	0	0	0	0	0	0
3/16/2024 14:41	53101 WTWN_T1	6	7	1	0.47	0.67	0.2	0	0	0	0	0	0	0	0
3/16/2024 14:41	67502 WEWI_T2	9	9	0	0.38	0.37	-0.01	0	0	0	0	0	0	0	0
3/16/2024 14:42	44302 BEAV_T2	513	547	34	0.86	0.94	0.08	0	0	0	0	0	0	0	0
3/16/2024 14:42	53502 EVIL_T2	0	1	1	0	0.1	0.1	0	0	0	0	0	0	0	0
3/16/2024 14:42	60201 ATGL_T2	4	4	0	0.43	0.43	0	0	0	0	0	0	0	0	0
3/16/2024 14:42	56803 BENV_T1	2	1	-1	0.35	0.2	-0.15	0	0	0	0	0	0	0	0
3/16/2024 14:42	60701 BREC_T1	2	2	0	0.9	0.7	-0.2	0	0	0	0	0	0	0	0
3/16/2024 14:42	53502 EVIL_T2	0	1	1	0	0.1	0.1	0	0	0	0	0	0	0	0
3/16/2024 14:42	10801 CHHI_T1	8	7	-1	0.54	0.6	0.06	0	0	0	0	0	0	0	0
3/16/2024 14:43	56801 BENV_T1	24	29	5	0.81	0.81	0	0	0	0	0	0	0	0	0
3/16/2024 14:43	56601 HAMP_T1	10	40	30	0.32	0.27	-0.05	0	0	0	0	0	0	0	0
3/16/2024 14:43	53502 EVIL_T2	0	1	1	0	0.1	0.1	0	0	0	0	0	0	0	0
3/16/2024 14:43	46002 BERW_T2	1	1	0	0.4	0.6	0.2	0	0	0	0	0	0	0	0
3/16/2024 14:43	53502 EVIL_T2	0	1	1	0	0.1	0.1	0	0	0	0	0	0	0	0
3/16/2024 14:43	40101 HUNT_T2	0	1	1	0	0.6	0.6	0	0	0	0	0	0	0	0
3/16/2024 14:43	41801 GOCI_T2	111	151	40	0.38	0.5	0.12	0	0	0	0	0	0	0	0
3/16/2024 14:43	10805 CHHI_T2	1	1	0	7.6	7.5	-0.1	0	0	0	0	0	0	0	0
3/16/2024 14:44	53502 EVIL_T2	0	1	1	0	0.1	0.1	0	0	0	0	0	0	0	0
3/16/2024 14:44	52402 GRPA_T2	4	9	5	1.53	0.71	-0.82	0	0	0	0	0	0	0	0
3/16/2024 14:45	52401 GRPA_T2	4	5	1	0.1	0.12	0.02	0	0	0	0	0	0	0	0
3/16/2024 14:45	17804 GILB_T2	2	3	1	0.4	0.27	-0.13	0	0	0	0	0	0	0	0
3/16/2024 14:45	63404 HONY_T1	165	167	2	0.93	0.86	-0.07	0	0	0	0	0	0	0	0
3/16/2024 14:45	29401 BELT_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/16/2024 14:45	53502 EVIL_T2	0	1	1	0	0.1	0.1	0	0	0	0	0	0	0	0
3/16/2024 14:45	10801 CHHI_T1	6	6	0	0.55	0.53	-0.02	0	0	0	0	0	0	0	0
3/16/2024 14:45	40101 HUNT_T2	1	1	0	0.6	0.2	-0.4	0	0	0	0	0	0	0	0
3/16/2024 14:46	52402 GRPA_T2	5	10	5	1.14	0.67	-0.47	0	0	0	0	0	0	0	0
3/16/2024 14:46	45901 AUBU_T1	1	1	0	0.3	0.3	0	0	0	0	0	0	0	0	0
3/16/2024 14:46	52404 GRPA_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/16/2024 14:46	29402 BELT_T1	2	2	0	3.45	3.5	0.05	0	0	0	0	0	0	0	0
3/16/2024 14:46	42902 MIDD_T2	469	481	12	0.8	0.82	0.02	0	0	0	0	0	0	0	0
3/16/2024 14:46	67402 WAKE_T2	0	1	1	0	0.1	0.1	0	0	0	0	0	0	0	0
3/16/2024 14:46	67401 WAKE_T2	5	7	2	0.36	0.29	-0.07	0	0	0	0	0	0	0	0
3/16/2024 14:47	61803 EEU_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/16/2024 14:47	52401 GRPA_T2	4	5	1	0.1	0.12	0.02	0	0	0	0	0	0	0	0
3/16/2024 14:47	52006 LING_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/16/2024 14:47	46803 HEPB_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/16/2024 14:48	47403 PENS_T1	11	12	1	0.45	0.5	0.05	0	0	0	0	0	0	0	0
3/16/2024 14:48	29401 BELT_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/16/2024 14:48	25502 MADI_T1	1	1	0	0.8	0.2	-0.6	0	0	0	0	0	0	0	0
3/16/2024 14:48	60701 BREC_T1	2	2	0	0.7	0.6	-0.1	0	0	0	0	0	0	0	0
3/16/2024 14:49	47401 PENS_T1	49	12	-37	0.39	0.63	0.24	0	0	0	0	0	0	0	0
3/16/2024 14:49	67402 WAKE_T2	0	1	1	0	0.1	0.1	0	0	0	0	0	0	0	0
3/16/2024 14:49	27502 WEIS_T2	4	3	-1	0.5	0.2	-0.3	0	0	0	0	0	0	0	0
3/16/2024 14:50	55002 NEWP_T1	6	9	3	0.8	1.14	0.34	0	0	0	0	0	0	0	0
3/16/2024 14:50	44601 SALE_T2	0	1	1	0	0.3	0.3	0	0	0	0	0	0	0	0
3/16/2024 14:51	20401 ASHF_T2	2	1	-1	0.3	0.1	-0.2	0	0	0	0	0	0	0	0
3/16/2024 14:51	47402 PENS_T1	18	13	-5	0.36	0.38	0.02	0	0	0	0	0	0	0	0
3/16/2024 14:52	66501 SMAN_T2	0	2	2	0	0.4	0.4	0	0	0	0	0	0	0	0
3/16/2024 14:52	20402 ASHF_T2	395	0	-395	3.73	0	-3.73	0	0	0	0	0	0	0	0
3/16/2024 14:53	16302 ALPA_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/16/2024 14:53	44601 SALE_T2	0	1	1	0

3/16/2024 15:38	20403 ASHF_T2	2	4	2	0.35	0.38	0.03	0	0	0	0	0	0	0
3/16/2024 15:41	61305 EARL_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
3/16/2024 15:42	17803 GILB_T2	14	7	-7	0.29	0.33	0.04	0	0	0	0	0	0	0
3/16/2024 15:43	45901 AUBU_T1	1	0	-1	0.2	0	-0.2	0	0	0	0	0	0	0
3/16/2024 15:43	65003 NEFF_T2	1	1	0	0.7	0.5	-0.2	0	0	0	0	0	0	0
3/16/2024 15:43	10801 CHHI_T1	3	3	0	0.4	0.27	-0.13	0	0	0	0	0	0	0
3/16/2024 15:44	17804 GILB_T2	1	1	0	0.2	1.1	0.9	0	0	0	0	0	0	0
3/16/2024 15:44	29401 BELT_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
3/16/2024 15:47	46602 LACR_T1	4	2	-2	0.35	0.55	0.2	0	0	0	0	0	0	0
3/16/2024 15:48	10801 CHHI_T1	3	1	-2	0.27	0.1	-0.17	0	0	0	0	0	0	0
3/16/2024 15:49	26402 INOR_T1	3	2	-1	0.3	0.55	0.25	0	0	0	0	0	0	0
3/16/2024 15:58	10801 CHHI_T1	3	1	-2	0.27	0.1	-0.17	0	0	0	0	0	0	0
3/16/2024 15:59	65002 NEFF_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
3/16/2024 16:01	13501 MCMI_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
3/16/2024 16:02	13503 MCMI_T2	2	1	-1	0.5	0.6	0.1	0	0	0	0	0	0	0
3/16/2024 16:03	13501 MCMI_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
3/16/2024 16:03	13503 MCMI_T2	2	1	-1	0.5	0.6	0.1	0	0	0	0	0	0	0
3/16/2024 16:04	13503 MCMI_T2	2	1	-1	0.5	0.6	0.1	0	0	0	0	0	0	0
3/16/2024 16:04	10801 CHHI_T1	0	1	1	0	0.1	0.1	0	0	0	0	0	0	0
3/16/2024 16:04	13501 MCMI_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
3/16/2024 16:05	13503 MCMI_T2	2	1	-1	0.5	0.6	0.1	0	0	0	0	0	0	0
3/16/2024 16:06	14402 SSLA_T1	2	2	0	0.4	0.65	0.25	0	0	0	0	0	0	0
3/16/2024 16:09	10801 CHHI_T1	0	1	1	0	0.1	0.1	0	0	0	0	0	0	0
3/16/2024 16:10	45902 AUBU_T1	3	5	2	0.6	0.5	-0.1	0	0	0	0	0	0	0
3/16/2024 16:14	10801 CHHI_T1	0	1	1	0	0.1	0.1	0	0	0	0	0	0	0
3/16/2024 16:15	46501 LOHA_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
3/16/2024 16:15	45902 AUBU_T1	5	3	-2	0.5	0.47	-0.03	0	0	0	0	0	0	0
3/16/2024 16:16	46506 LOHA_T1	1	1	0	1	0.7	-0.3	0	0	0	0	0	0	0
3/16/2024 16:18	46503 LOHA_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
3/16/2024 16:18	43202 MVIL_T2	1	1	0	0.3	0.2	-0.1	0	0	0	0	0	0	0
3/16/2024 16:20	46506 LOHA_T1	1	1	0	1	0.7	-0.3	0	0	0	0	0	0	0
3/16/2024 16:20	43202 MVIL_T2	1	1	0	0.3	0.2	-0.1	0	0	0	0	0	0	0
3/16/2024 16:22	14402 SSLA_T1	2	2	0	0.6	0.65	0.05	0	0	0	0	0	0	0
3/16/2024 16:23	46701 RENO_T1	68	6	-62	0.3	1.5	1.2	0	0	0	0	0	0	0
3/16/2024 16:25	10801 CHHI_T1	1	0	-1	0.1	0	-0.1	0	0	0	0	0	0	0
3/16/2024 16:25	45901 AUBU_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
3/16/2024 16:30	10801 CHHI_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
3/16/2024 16:31	45901 AUBU_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
3/16/2024 16:31	65005 NEFF_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
3/16/2024 16:36	14402 SSLA_T1	2	2	0	0.65	0.4	-0.25	0	0	0	0	0	0	0
3/16/2024 17:16	41802 GOCI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
3/16/2024 18:26	65005 NEFF_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
3/16/2024 18:29	52404 GRPA_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
3/16/2024 19:24	65001 NEFF_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
3/16/2024 20:06	65002 NEFF_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
3/16/2024 20:28	67103 SPRI_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
3/16/2024 20:28	45502 DERR_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
3/16/2024 20:29	45502 DERR_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
3/16/2024 20:36	40901 JESH_T1	1	1	0	0.1	0.1	0	0	0	0	0	0	0	0
3/16/2024 20:43	65004 NEFF_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
3/16/2024 21:08	29402 BELT_T1	1	1	0	7.2	7.4	0.2	0	0	0	0	0	0	0
3/16/2024 21:09	28704 HAML_T2	194	196	2	1.43	1.59	0.16	0	0	0	0	0	0	0
3/16/2024 21:10	17805 GILB_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
3/16/2024 21:10	20402 ASHF_T2	0	2	2	0	0	0	0	0	0	0	0	0	0
3/16/2024 21:10	29401 BELT_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
3/16/2024 21:12	27502 WEIS_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
3/16/2024 21:12	67103 SPRI_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
3/16/2024 21:12	23001 SAJO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
3/16/2024 21:12	16302 ALPA_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
3/16/2024 21:13	26401 INOR_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
3/16/2024 21:13	13901 SEID_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
3/16/2024 21:13	29402 BELT_T1	1	1	0	7.2	7.4	0.2	0	0	0	0	0	0	0
3/16/2024 21:13	13502 MCMI_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
3/16/2024 21:13	29401 BELT_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
3/16/2024 21:14	23403 HONE_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
3/16/2024 21:14	23002 SAJO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
3/16/2024 21:14	14404 SSLA_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
3/16/2024 21:14	45901 AUBU_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
3/16/2024 21:14	17802 GILB_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
3/16/2024 21:14	45902 AUBU_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
3/16/2024 21:15	66504 SMAN_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
3/16/2024 21:15	17804 GILB_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
3/16/2024 21:15	29401 BELT_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
3/16/2024 21:15	26002 WDAM_T1	1	1	0	0.1	0.1	0	0	0	0	0	0	0	0
3/16/2024 21:15	40101 HUNT_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
3/16/2024 21:15	63404 HONY_T1	12	0	-12	0.16	0	-0.16	0	0	0	0	0	0	0
3/16/2024 21:16	15001 BLMO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
3/16/2024 21:16	16302 ALPA_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
3/16/2024 21:16	29402 BELT_T1	1	1	0	7.4	7.4	0	0	0	0	0	0	0	0
3/16/2024 21:16	17805 GILB_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
3/16/2024 21:16	23401 HONE_T2	1	1	0	0.2	0.1	-0.1	0	0	0	0	0	0	0
3/16/2024 21:16	13502 MCMI_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
3/16/2024 21:16	45902 AUBU_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
3/16/2024 21:16	13503 MCMI_T2	0	1	1	0	0.1	0.1	0	0	0	0	0	0	0
3/16/2024 21:16	44601 SALE_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
3/16/2024 21:16	60701 BREC_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
3/16/2024 21:16	10805 CHHI_T2	1	1	0	8	8.1	0.1	0	0	0	0	0	0	0
3/16/2024 21:16	29402 BELT_T1	1	1	0	7.4	7.4	0	0	0	0	0	0	0	0
3/16/2024 21:16	60201 ATGL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
3/16/2024 21:17	67502 WEWI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
3/16/2024 21:17	26002 WDAM_T1	1	1	0	0.1	0.1	0	0	0	0	0	0	0	0
3/16/2024 21:17	64201 KINZ_T1	5	5	0	0.48	0.48	0	0	0	0	0	0	0	0
3/16/2024 21:17	41802 GOCI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
3/16/2024 21:17	56603 HAMP_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
3/16/2024 21:17	67605 WARW_T1	14	15	1	0.51	0.56	0.05	0	0	0	0	0	0	0
3/16/2024 21:17	17805 GILB_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
3/16/2024 21:17	47002 HUGH_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
3/16/2024 21:18	55002 NEWP_T1	2	3	1	0.4	0.43	0.03	0	0	0	0	0	0	0
3/16/2024 21:18	46503 LOHA_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
3/16/2024 21:18	53501 EVIL_T2	2	2	0	0.3	0.35	0.05	0	0	0	0	0	0	0
3/16/2024 21:18	16302 ALPA_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
3/16/2024 21:18	17805 GILB_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
3/16/2024 21:18	67503 WEWI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
3/16/2024 21:18	45901 AUBU_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
3/16/2024 21:18	52401 GRPA_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
3/16/2024 21:18	64902 MILL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
3/16/2024 21:18	53901 HALI_T2	1	1	0	0.1	0.3	0.2	0	0	0	0	0	0	0
3/16/2024 21:18	13503 MCMI_T2	0	1	1	0	0.1	0.1	0	0	0	0	0	0	0
3/16/2024 21:18	20402 ASHF_T2	2	0	-2	0.4	0	-0.4	0	0	0	0	0	0	0
3/16/2024 21:18	40101 HUNT_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
3/16/2024 21:19	57304 MOAI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
3/16/2024 21:19	45303 WBER_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
3/16/2024 21:19	42902 MIDD_T2	144	195	51	0.43	0.56	0.13	0	0	0	0	0	0	0
3/16/2024 21:19	65503 MOJO_T2	0	6	6	0	0.1	0.1	0	0	0	0	0	0	0
3/16/2024 21:19	10702 CATA_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
3/16/2024 21:19	55001 NEWP_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
3/16/2024 21:19	13501 MCMI_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
3/16/2024 21:19	17804 GILB_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
3/16/2024 21:19	20403 ASHF_T2	0	1	1	0	0.1	0.1	0	0	0	0	0	0	0
3/16/2024 21:19	56801 BENV_T1	13	12	-1	1.15	0.78	-0.37	0	0	0	0	0	0	0
3/16/2024 21:19	41901 REED_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
3/16/2024 21:19	60501 NMAN_T2	3	3	0	3.7	4.47	0.77	0	0	0	0	0	0	0
3/16/2024 21:19	23401 HONE_T2	1	1	0	0.2	0.1	-0.1	0	0	0	0	0	0	0
3/16/2024 21:19	65005 NEFF_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
3/16/2024 21:19	45902 AUBU_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
3/16/2024 21:19	56802 BENV_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
3/16/2024 21:19	44601 SALE_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
3/16/2024 21:19	29401 BELT_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
3/16/2024 21:19	15001 BLMO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
3/16/2024 21:19	43201 MVIL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
3/16/2024 21:20	65002 NEFF_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
3/16/2024 21:20	52402 GRPA_T2	1	2	1	2.9	1.75	-1.15	0	0	0	0	0	0	0
3/16/2024 21:20	40601 PIGR_T1	0	3	3	0	0.1	0.1	0	0	0	0	0	0	0
3/16/2024 21:20	60201 ATGL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
3/16/2024 21:20	17801 GILB_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
3/16/2024 21:20	46201 DANV_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
3/16/2024 21:20	10702 CATA_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
3/16/2024 21:20	44302 BEAV_T2	188	241	53	0.41	0.54	0.13	0	0	0	0	0	0	0
3/16/2024 21:20	67503 WEWI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
3/16/2024 21:20	13503 MCMI_T2	0	1	1	0	0.1	0.1	0	0	0	0	0	0	0
3/16/2024 21:20	60801 BUCK_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
3/16/2024 21:20	67603 WARW_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
3/16/2024 21:20	10805 CHHI_T2	1	1	0	8	8.1	0.1	0	0	0	0	0	0	0
3/16/2024 21:20	23901 EFMO_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
3/16/2024 21:20	28403 HART_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
3/16/2024 21:20	23401 HONE_T2	1	1	0	0.2	0.1	-0.1	0	0	0	0	0	0	0
3/16/2024 21:20	29401 BELT_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
3/16/2024 21:20	42701 AUGU_T1	1	1	0	0.5	0.5	0	0	0	0	0	0	0	0
3/16/2024 21:21	14404 SSLA_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
3/16/2024 21:21	42901 MIDD_T2	282	401	119	0.4	0.52	0.12	0	0	0	0	0	0	0
3/16/2024 21:21	20402 ASHF_T2	2	0	-2	0.4	0	-0.4	0	0	0	0	0	0	0
3/16/2024 21:21	46801 HEPB_T2	2	2	0	0.25	0.35	0.1	0	0	0	0	0	0	0
3/16/2024 21:21	56802 BENV_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
3/16/2024 21:21	53502 EVIL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
3/16/2024 21:21	44201 POIN_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
3/16/2024 21:21	10801 CHHI_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
3/16/2024 21:21	56803 BENV_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
3/16/2024 21:21	52002 LING_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
3/16/2024 21:21	44302 BEAV_T2	188	241	53	0.41	0.54	0.13	0	0	0	0	0	0	0
3/16/2024 21:21	45902 AUBU_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
3/16/2024 21:21	67402 WAKE_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
3/16/2024 21:21	53101 WTWN_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
3/16/2024 21:21	64303 LINC_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
3/16/2024 21:21	60201 ATGL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
3/16/2024 21:21	59101 WALK_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
3/16/2024 21:21	29401 BELT_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
3/16/2024 21:22	61302 EARL_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
3/16/2024 21:22	46004 BERW_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
3/16/2024 21:22	44202 POIN_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
3/16/2024 21:22	67503 WEWI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
3/16/2024 21:22	41602 CLEV_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
3/16/2024 21:22	43201 MVIL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
3/16/2024 21:22	42202 SHEN_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
3/16/2024 21:22	65502 MOJO_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
3/16/2024 21:22	15001 BLMO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
3/16/2024 21:22	44201 POIN_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
3/16/2024 21:22	53502 EVIL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
3/16/2024 21:22	45701 LIND_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
3/16/2024 21:22	41801 GOCI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
3/16/2024 21:22	41902 REED_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
3/16/2024 21:22	46001 BERW_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
3/16/2024 21:23	43102 SMIL_T2	3	5	2	0.1	0.22	0.12	0	0	0	0	0	0	0
3/16/2024 21:23	46702 RENO_T1	3	4	1	0.13	0.13	0	0	0	0	0	0	0	0
3/16/2024 21:23	45501 DERR_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
3/16/2024 21:23	45302 WBER_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
3/16/2024 21:23	46801 HEPB_T2	2	2	0	0.25	0.35	0.1	0	0	0	0	0	0	0
3/16/2024 21:23	42701 AUGU_T1	1	1	0	0.5	0.5	0	0	0	0	0	0	0	0
3/16/2024 21:23	41801 GOCI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
3/16/2024 21:23	44302 BEAV_T2	188	241	53	0.41	0.54	0.13	0	0	0	0	0	0	0
3/16/2024 21:23	53502 EVIL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
3/16/2024 21:23	47401 PENS_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
3/16/2024 21:23	46602 LACR_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
3/16/2024 21:23	44201 POIN_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
3/16/2024 21:24	46503 LOHA_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
3/16/2024 21:24	53502 EVIL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0

3/16/2024 21:25	60801 BUCK_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/16/2024 21:25	42701 AUGU_T1	1	1	0	0.5	0.5	0	0	0	0	0	0	0	0	0
3/16/2024 21:25	43202 MVIL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/16/2024 21:25	67502 WEWI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/16/2024 21:25	64802 MONE_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/16/2024 21:25	53502 EVIL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/16/2024 21:25	52401 GRPA_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/16/2024 21:25	52402 GRPA_T2	1	2	1	2.9	1.75	-1.15	0	0	0	0	0	0	0	0
3/16/2024 21:25	43001 ALWD_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/16/2024 21:25	67401 WAKE_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/16/2024 21:26	41901 REED_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/16/2024 21:26	61803 EEU_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/16/2024 21:26	45301 WBER_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/16/2024 21:26	60701 BREC_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/16/2024 21:27	58402 MORO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/16/2024 21:27	52401 GRPA_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/16/2024 21:27	40101 HUNT_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/16/2024 21:27	56803 BENV_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/16/2024 21:27	53501 EVIL_T2	2	2	0	0.3	0.35	0.05	0	0	0	0	0	0	0	0
3/16/2024 21:27	41903 REED_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/16/2024 21:27	47403 PENS_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/16/2024 21:28	52403 GRPA_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/16/2024 21:28	41903 REED_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/16/2024 21:28	67401 WAKE_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/16/2024 21:28	58402 MORO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/16/2024 21:28	56803 BENV_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/16/2024 21:28	40201 BEGA_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/16/2024 21:29	52403 GRPA_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/16/2024 21:29	53501 EVIL_T2	2	2	0	0.3	0.35	0.05	0	0	0	0	0	0	0	0
3/16/2024 21:29	42901 MIDD_T2	282	401	119	0.4	0.52	0.12	0	0	0	0	0	0	0	0
3/16/2024 21:29	40601 PIGR_T1	0	3	3	0	0.1	0.1	0	0	0	0	0	0	0	0
3/16/2024 21:29	56801 BENV_T1	13	12	-1	1.15	0.78	-0.37	0	0	0	0	0	0	0	0
3/16/2024 21:29	52404 GRPA_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/16/2024 21:29	44301 BEAV_T2	3	5	2	0.67	0.48	-0.19	0	0	0	0	0	0	0	0
3/16/2024 21:30	52403 GRPA_T2	0	1	1	0	0	0	0	0	0	0	0	0	0	0
3/16/2024 21:30	46504 LOHA_T1	2	2	0	0.85	1.1	0.25	0	0	0	0	0	0	0	0
3/16/2024 21:30	59102 WALK_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/16/2024 21:30	44301 BEAV_T2	5	5	0	0.46	0.5	0.04	0	0	0	0	0	0	0	0
3/16/2024 21:30	58401 MORO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/16/2024 21:31	67906 WNHO_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/16/2024 21:32	44302 BEAV_T2	214	272	58	0.55	0.52	-0.03	0	0	0	0	0	0	0	0
3/16/2024 21:37	44202 POIN_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/16/2024 21:56	65001 NEFF_T2	9	97	88	0.14	0.14	0	0	0	0	0	0	0	0	0
3/16/2024 22:14	25503 MADI_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/16/2024 22:17	65005 NEFF_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/16/2024 22:43	65005 NEFF_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/16/2024 22:48	20401 ASHF_T2	2	2	0	0.25	0.1	-0.15	0	0	0	0	0	0	0	0
3/16/2024 23:04	65005 NEFF_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/16/2024 23:25	65004 NEFF_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/17/2024 1:21	65003 NEFF_T2	3	0	-3	0.13	0	-0.13	0	0	0	0	0	0	0	0
3/17/2024 2:03	65005 NEFF_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/17/2024 4:25	65004 NEFF_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/17/2024 5:07	65005 NEFF_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/17/2024 6:04	65001 NEFF_T2	85	76	-9	0.12	0.13	0.01	0	0	0	0	0	0	0	0
3/17/2024 6:41	65001 NEFF_T2	7	3	-4	0.14	0.1	-0.04	0	0	0	0	0	0	0	0
3/17/2024 7:07	65003 NEFF_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/17/2024 7:54	26001 WDAM_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/17/2024 8:03	13502 MCMI_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/17/2024 8:07	29402 BELT_T1	1	1	0	6.1	7.6	1.5	0	0	0	0	0	0	0	0
3/17/2024 8:10	45901 AUBU_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/17/2024 8:11	29402 BELT_T1	1	1	0	6.1	7.6	1.5	0	0	0	0	0	0	0	0
3/17/2024 8:12	46803 HEPB_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/17/2024 8:12	29402 BELT_T1	1	1	0	6.1	7.6	1.5	0	0	0	0	0	0	0	0
3/17/2024 8:14	65002 NEFF_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/17/2024 8:14	46801 HEPB_T2	2	3	1	0.4	0.15	-0.25	0	0	0	0	0	0	0	0
3/17/2024 8:19	67104 SPRI_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/17/2024 8:22	29401 BELT_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/17/2024 8:23	59101 WALK_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/17/2024 8:35	65004 NEFF_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/17/2024 8:38	29401 BELT_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/17/2024 8:40	40502 CRES_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/17/2024 8:41	29401 BELT_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/17/2024 8:42	40101 HUNT_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/17/2024 8:46	58401 MORO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/17/2024 8:50	58401 MORO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/17/2024 8:53	29401 BELT_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/17/2024 8:54	29401 BELT_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/17/2024 9:06	67104 SPRI_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/17/2024 9:12	10801 CHHI_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/17/2024 9:15	13503 MCMI_T2	0	2	2	0	0.25	0.25	0	0	0	0	0	0	0	0
3/17/2024 9:17	10801 CHHI_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/17/2024 9:20	53903 HALI_T2	2	2	0	1.3	1.35	0.05	0	0	0	0	0	0	0	0
3/17/2024 9:32	41903 REED_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/17/2024 9:35	41903 REED_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/17/2024 9:36	45902 AUBU_T1	1	1	0	0.8	1.3	0.5	0	0	0	0	0	0	0	0
3/17/2024 9:37	67605 WARW_T1	15	17	2	0.55	0.52	-0.03	0	0	0	0	0	0	0	0
3/17/2024 9:37	45902 AUBU_T1	1	1	0	0.8	1.3	0.5	0	0	0	0	0	0	0	0
3/17/2024 9:39	45902 AUBU_T1	1	1	0	0.8	1.3	0.5	0	0	0	0	0	0	0	0
3/17/2024 9:39	10801 CHHI_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/17/2024 9:40	45902 AUBU_T1	1	1	0	0.8	1.3	0.5	0	0	0	0	0	0	0	0
3/17/2024 9:42	41802 GOCI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/17/2024 9:42	44302 BEAV_T2	259	393	134	0.41	0.49	0.08	0	0	0	0	0	0	0	0
3/17/2024 9:43	41802 GOCI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/17/2024 9:43	46803 HEPB_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/17/2024 9:44	13502 MCMI_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/17/2024 9:44	52401 GRPA_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/17/2024 9:45	45902 AUBU_T1	1	1	0	1.1	1.3	0.2	0	0	0	0	0	0	0	0
3/17/2024 9:46	52403 GRPA_T2	2	1	-1	0.75	1.4	0.65	0	0	0	0	0	0	0	0
3/17/2024 9:50	43201 MVIL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/17/2024 9:51	67604 WARW_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/17/2024 9:51	10801 CHHI_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/17/2024 9:53	42202 SHEN_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/17/2024 9:53	45902 AUBU_T1	1	1	0	1.1	1.3	0.2	0	0	0	0	0	0	0	0
3/17/2024 9:53	10801 CHHI_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/17/2024 9:54	20401 ASHF_T2	1	1	0	0.5	0.5	0	0	0	0	0	0	0	0	0
3/17/2024 9:54	29402 BELT_T1	1	1	0	7.4	7.6	0.2	0	0	0	0	0	0	0	0
3/17/2024 9:55	20403 ASHF_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/17/2024 9:55	45901 AUBU_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/17/2024 9:56	46205 DANV_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/17/2024 9:56	67901 WNHO_T2	114	137	23	0.36	0.44	0.08	0	0	0	0	0	0	0	0
3/17/2024 9:58	52404 GRPA_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/17/2024 9:59	46801 HEPB_T2	0	2	2	0	0.15	0.15	0	0	0	0	0	0	0	0
3/17/2024 10:00	46702 RENO_T1	1	23	22	0.2	0.12	-0.08	0	0	0	0	0	0	0	0
3/17/2024 10:00	23003 SAIO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/17/2024 10:00	58401 MORO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/17/2024 10:00	54504 ENOL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/17/2024 10:00	45601 WOOL_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/17/2024 10:00	39601 LNFD_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/17/2024 10:00	58003 WCAR_T1	0	1	1	0	0.1	0.1	0	0	0	0	0	0	0	0
3/17/2024 10:00	40201 BEGA_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/17/2024 10:00	47104 MARL_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/17/2024 10:00	40603 PIGR_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/17/2024 10:00	67401 WAKE_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/17/2024 10:00	62607 ENGL_T1	1	1	0	0.9	0	-0.9	0	0	0	0	0	0	0	0
3/17/2024 10:00	10801 CHHI_T1	0	3	3	0	0.17	0.17	0	0	0	0	0	0	0	0
3/17/2024 10:00	17805 GLB_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/17/2024 10:00	43001 ALWD_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/17/2024 10:00	24102 EHAZ_T1	1	1	0	0.1	0	-0.1	0	0	0	0	0	0	0	0
3/17/2024 10:00	40505 CRES_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/17/2024 10:00	65003 NEFF_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/17/2024 10:00	66303 MCGO_T2	2	1	-1	0.35	0.5	0.15	0	0	0	0	0	0	0	0
3/17/2024 10:00	16102 BING_T2	0	1	1	0	0.2	0.2	0	0	0	0	0	0	0	0
3/17/2024 10:00	40602 PIGR_T1	1	1	0	0.5	0.2	-0.3	0	0	0	0	0	0	0	0
3/17/2024 10:00	13901 SEID_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/17/2024 10:00	41902 REED_T1	0	3	3	0	0	0	0	0	0	0	0	0	0	0
3/17/2024 10:00	57306 MOAL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/17/2024 10:00	28601 BLYT_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/17/2024 10:00	58402 MORO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/17/2024 10:00	53903 HALI_T2	2	2	0	1.2	1.3	0.1	0	0	0	0	0	0	0	0
3/17/2024 10:00	48303 ORWI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/17/2024 10:00	64904 MILL_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/17/2024 10:00	64202 KINZ_T1	0	7	7	0	0.17	0.17	0	0	0	0	0	0	0	0
3/17/2024 10:00	45502 DERR_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/17/2024 10:00	42202 SHEN_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/17/2024 10:00	45901 AUBU_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/17/2024 10:00	64101 REPR_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/17/2024 10:00	52003 LING_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/17/2024 10:00	12502 MITR_T2	1	1	0	5.8	5.8	0	0	0	0	0	0	0	0	0
3/17/2024 10:00	53501 EVIL_T2	5	6	1	0.56	0.4	-0.16	0	0	0	0	0	0	0	0
3/17/2024 10:00	47402 PENS_T1	0	1	1	0	1.2	1.2	0	0	0	0	0	0	0	0
3/17/2024 10:00	42301 MOWR_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/17/2024 10:00	60701 BREC_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/17/2024 10:00	67906 WNHO_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/17/2024 10:00	40101 HUNT_T2	0	1	1	0	0.3	0.3	0	0	0	0	0	0	0	0
3/17/2024 10:01	60201 ATGL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/17/2024 10:02	25402 LAHA_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/17/2024 10:06	47104 MARL_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/17/2024 10:07	24901 WHHA_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/17/2024 10:07	44201 POIN_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/17/2024 10:07	67604 WARW_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/17/2024 10:07	60801 BUCK_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/17/2024 10:07	40601 PIGR_T1	0	2	2	0	0.15	0.15	0	0	0	0	0	0	0	0
3/17/2024 10:07	29401 BELT_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/17/2024 10:07	67402 WAKE_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/17/2024 10:08	42903 MIDD_T2	85	73	-12	0.41	0.37	-0.04	0	0	0	0	0	0	0	0
3/17/2024 10:08	29401 BELT_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/17/2024 10:08	67603 WARW_T1	0	1	1	0	0.1	0.1	0	0	0	0	0	0	0	0
3/17/2024 10:08	54602 SUMM_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/17/2024 10:08	44302 BEAV_T2	379	365	-14	0.48	0.51	0.03	0	0	0	0	0	0	0	0
3/17/2024 10:08	10801 CHHI_T1	0	3	3	0	0.17	0.17	0	0	0	0	0	0	0	0
3/17/2024 10:08	29401 BELT_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/17/2024 10:08	45902 AUBU_T1	1	1	0	1.3	1.1	-0.2	0	0	0	0	0	0	0	0
3/17/2024 10:08	45601 WOOL_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/17/2024 10:09	67604 WARW_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/17/2024 10:09	46004 BERW_T2	0	1	1	0	0	0	0	0	0	0	0	0	0	0
3/17/2024 10:10	45902 AUBU_T1	1	1	0	1.3	1.1	-0.2	0	0	0	0	0	0	0	0
3/17/2024 10:10	29401 BELT_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/17/2024 10:10	20403 ASHF_T2	0	3	3	0	0.13	0.13	0	0	0	0	0	0	0	0
3/17/2024 10:10	26001 WDAM_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/17/2024 10:11	45901 AUBU_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/17/2024 10:11	20403 ASHF_T2	0	3	3	0	0.13	0.13	0	0	0	0	0	0	0	0
3/17/2024 10:12	46803 HEPB_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/17/2024 10:12	29401 BELT_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/17/2024 10:12	10801 CHHI_T1	0	3	3	0	0.17	0.17	0	0	0	0	0	0	0	0
3/17/2024 10:13	52402 GRPA_T2	1	1	0	2.6	2.9	0.3	0	0	0	0	0	0	0	0
3/17/2024 10:13	29402 BELT_T1	1	1	0	7.6	7.7	0.1	0	0	0	0	0	0	0	0
3/17/2024 10

3/17/2024 10:32	12704 MACU_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
3/17/2024 10:34	12701 MACU_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
3/17/2024 10:35	46702 RENO_T1	23	0	-23	0.12	0	-0.12	0	0	0	0	0	0	0
3/17/2024 10:35	13302 ORVI_T2	1	4	3	0.1	0.13	0.03	0	0	0	0	0	0	0
3/17/2024 10:37	52503 PROG_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
3/17/2024 10:38	46702 RENO_T1	23	0	-23	0.12	0	-0.12	0	0	0	0	0	0	0
3/17/2024 10:39	20401 ASHF_T2	0	3	3	0	0.37	0.37	0	0	0	0	0	0	0
3/17/2024 10:39	60201 ATGL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
3/17/2024 10:40	67503 WEWI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
3/17/2024 10:41	61303 EARL_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
3/17/2024 10:41	67503 WEWI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
3/17/2024 10:42	17805 GILB_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
3/17/2024 10:42	17801 GILB_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
3/17/2024 10:42	53902 HALI_T2	1	3	2	5.6	2.07	-3.53	0	0	0	0	0	0	0
3/17/2024 10:42	17805 GILB_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
3/17/2024 10:43	17805 GILB_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
3/17/2024 10:43	53901 HALI_T2	1	1	0	1.1	1.1	0	0	0	0	0	0	0	0
3/17/2024 10:43	17801 GILB_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
3/17/2024 10:45	67503 WEWI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
3/17/2024 10:47	48302 ORWI_T2	2	3	1	1	1.1	0.1	0	0	0	0	0	0	0
3/17/2024 10:49	66501 SMAN_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
3/17/2024 10:49	14404 SSLA_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
3/17/2024 10:50	42901 MIDD_T2	400	413	13	0.49	0.47	-0.02	0	0	0	0	0	0	0
3/17/2024 10:50	52503 PROG_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
3/17/2024 10:52	26001 WDAM_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
3/17/2024 10:54	60803 BUCK_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
3/17/2024 10:56	41801 GOCI_T2	9	2	-7	0.3	0.1	-0.2	0	0	0	0	0	0	0
3/17/2024 10:58	28703 HAME_T2	2	2	0	0.1	0.15	0.05	0	0	0	0	0	0	0
3/17/2024 10:59	63401 HONY_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
3/17/2024 11:01	10801 CHHI_T1	5	7	2	0.48	0.83	0.35	0	0	0	0	0	0	0
3/17/2024 11:01	41802 GOCI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
3/17/2024 11:02	65503 MOJO_T2	5	0	-5	0.12	0	-0.12	0	0	0	0	0	0	0
3/17/2024 11:02	52404 GRPA_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
3/17/2024 11:02	12503 MITR_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
3/17/2024 11:03	64303 LINC_T1	1	1	0	0.1	0.1	0	0	0	0	0	0	0	0
3/17/2024 11:03	48303 ORWI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
3/17/2024 11:03	13302 ORVI_T2	4	24	20	0.13	0.34	0.21	0	0	0	0	0	0	0
3/17/2024 11:03	44601 SALE_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
3/17/2024 11:04	13302 ORVI_T2	4	24	20	0.13	0.34	0.21	0	0	0	0	0	0	0
3/17/2024 11:04	48302 ORWI_T2	2	3	1	1	1.1	0.1	0	0	0	0	0	0	0
3/17/2024 11:05	65502 MOJO_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
3/17/2024 11:05	44601 SALE_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
3/17/2024 11:05	13302 ORVI_T2	4	24	20	0.13	0.34	0.21	0	0	0	0	0	0	0
3/17/2024 11:06	13905 SEID_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
3/17/2024 11:09	45902 AUBU_T1	3	3	0	0.63	0.7	0.07	0	0	0	0	0	0	0
3/17/2024 11:10	45501 DERR_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
3/17/2024 11:11	60701 BREC_T1	0	2	2	0	0.15	0.15	0	0	0	0	0	0	0
3/17/2024 11:11	45501 DERR_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
3/17/2024 11:12	10801 CHHI_T1	5	7	2	0.48	0.83	0.35	0	0	0	0	0	0	0
3/17/2024 11:14	45703 LIND_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
3/17/2024 11:14	45901 AUBU_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
3/17/2024 11:15	17801 GILB_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
3/17/2024 11:17	64305 LINC_T1	0	1	1	0	0.2	0.2	0	0	0	0	0	0	0
3/17/2024 11:17	10801 CHHI_T1	5	7	2	0.34	0.83	0.49	0	0	0	0	0	0	0
3/17/2024 11:18	55001 NEWP_T1	2	1	-1	0.8	0.2	-0.6	0	0	0	0	0	0	0
3/17/2024 11:18	12505 MITR_T2	1	1	0	0.3	0.9	0.6	0	0	0	0	0	0	0
3/17/2024 11:19	55002 NEWP_T1	8	10	2	0.41	0.46	0.05	0	0	0	0	0	0	0
3/17/2024 11:19	42903 MIDD_T2	50	53	3	0.4	0.35	-0.05	0	0	0	0	0	0	0
3/17/2024 11:19	44601 SALE_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
3/17/2024 11:19	13302 ORVI_T2	8	24	16	0.38	0.38	0	0	0	0	0	0	0	0
3/17/2024 11:20	41901 REED_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
3/17/2024 11:20	48302 ORWI_T2	3	2	-1	0.77	0.95	0.18	0	0	0	0	0	0	0
3/17/2024 11:20	13302 ORVI_T2	8	24	16	0.38	0.38	0	0	0	0	0	0	0	0
3/17/2024 11:21	59101 WALK_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
3/17/2024 11:21	44601 SALE_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
3/17/2024 11:22	42201 SHEN_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
3/17/2024 11:23	65001 NEFF_T2	4	11	7	0.1	0.14	0.04	0	0	0	0	0	0	0
3/17/2024 11:23	41902 REED_T1	1	4	3	0.4	0	-0.4	0	0	0	0	0	0	0
3/17/2024 11:23	15001 BLMO_T1	1	1	0	0.4	0.4	0	0	0	0	0	0	0	0
3/17/2024 11:24	67203 TEHI_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
3/17/2024 11:24	59102 WALK_T2	1	2	1	0.1	0.15	0.05	0	0	0	0	0	0	0
3/17/2024 11:24	45901 AUBU_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
3/17/2024 11:25	45901 AUBU_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
3/17/2024 11:25	15001 BLMO_T1	1	1	0	0.4	0.4	0	0	0	0	0	0	0	0
3/17/2024 11:27	10801 CHHI_T1	5	7	2	0.34	0.83	0.49	0	0	0	0	0	0	0
3/17/2024 11:27	41801 GOCI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
3/17/2024 11:27	15001 BLMO_T1	1	1	0	0.4	0.4	0	0	0	0	0	0	0	0
3/17/2024 11:28	41802 GOCI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
3/17/2024 11:30	45901 AUBU_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
3/17/2024 11:32	10801 CHHI_T1	7	5	-2	0.83	0.32	-0.51	0	0	0	0	0	0	0
3/17/2024 11:33	65502 MOJO_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
3/17/2024 11:33	46702 RENO_T1	5	143	138	0.14	0.26	0.12	0	0	0	0	0	0	0
3/17/2024 11:34	58401 MORO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
3/17/2024 11:34	41903 REED_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
3/17/2024 11:35	46701 RENO_T1	16	161	145	0.66	0.37	-0.29	0	0	0	0	0	0	0
3/17/2024 11:35	65503 MOJO_T2	0	3	3	0	0.5	0.5	0	0	0	0	0	0	0
3/17/2024 11:36	41902 REED_T1	4	0	-4	0.5	0	-0.5	0	0	0	0	0	0	0
3/17/2024 11:37	24901 WHHA_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
3/17/2024 11:37	45902 AUBU_T1	3	3	0	0.7	0.63	-0.07	0	0	0	0	0	0	0
3/17/2024 11:37	59101 WALK_T2	0	1	1	0	0.3	0.3	0	0	0	0	0	0	0
3/17/2024 11:38	46702 RENO_T1	5	143	138	0.14	0.26	0.12	0	0	0	0	0	0	0
3/17/2024 11:38	45902 AUBU_T1	3	3	0	0.7	0.63	-0.07	0	0	0	0	0	0	0
3/17/2024 11:38	67604 WARW_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
3/17/2024 11:39	13902 SEID_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
3/17/2024 11:39	45901 AUBU_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
3/17/2024 11:39	46003 BERW_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
3/17/2024 11:40	10801 CHHI_T1	7	5	-2	0.83	0.32	-0.51	0	0	0	0	0	0	0
3/17/2024 11:40	59101 WALK_T2	0	1	1	0	0.3	0.3	0	0	0	0	0	0	0
3/17/2024 11:40	45902 AUBU_T1	3	3	0	0.7	0.63	-0.07	0	0	0	0	0	0	0
3/17/2024 11:40	45901 AUBU_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
3/17/2024 11:41	67603 WARW_T1	1	0	-1	0.2	0	-0.2	0	0	0	0	0	0	0
3/17/2024 11:41	45902 AUBU_T1	3	3	0	0.7	0.63	-0.07	0	0	0	0	0	0	0
3/17/2024 11:42	60803 BUCK_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
3/17/2024 11:43	10801 CHHI_T1	7	5	-2	0.83	0.32	-0.51	0	0	0	0	0	0	0
3/17/2024 11:44	46803 HEPB_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
3/17/2024 11:45	17803 GILB_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
3/17/2024 11:45	17802 GILB_T1	1	1	0	1.1	0.8	-0.3	0	0	0	0	0	0	0
3/17/2024 11:46	17801 GILB_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
3/17/2024 11:46	45901 AUBU_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
3/17/2024 11:47	46803 HEPB_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
3/17/2024 11:48	10801 CHHI_T1	4	6	2	0.3	0.63	0.33	0	0	0	0	0	0	0
3/17/2024 11:49	12502 MITR_T2	1	1	0	5.9	5.8	-0.1	0	0	0	0	0	0	0
3/17/2024 11:50	13902 SEID_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
3/17/2024 11:52	67605 WARW_T1	15	20	5	0.55	0.63	0.08	0	0	0	0	0	0	0
3/17/2024 11:54	45501 DERR_T2	1	0	-1	0.1	0	-0.1	0	0	0	0	0	0	0
3/17/2024 11:54	67603 WARW_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
3/17/2024 11:55	10801 CHHI_T1	4	6	2	0.3	0.63	0.33	0	0	0	0	0	0	0
3/17/2024 11:55	26001 WDAM_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
3/17/2024 11:56	60803 BUCK_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
3/17/2024 11:57	45501 DERR_T2	1	0	-1	0.1	0	-0.1	0	0	0	0	0	0	0
3/17/2024 11:58	45501 DERR_T2	1	0	-1	0.1	0	-0.1	0	0	0	0	0	0	0
3/17/2024 11:59	10801 CHHI_T1	4	6	2	0.3	0.63	0.33	0	0	0	0	0	0	0
3/17/2024 12:04	46701 RENO_T1	3	7	4	2.73	1.53	-1.2	0	0	0	0	0	0	0
3/17/2024 12:04	10801 CHHI_T1	4	6	2	0.38	0.63	0.25	0	0	0	0	0	0	0
3/17/2024 12:05	46702 RENO_T1	1	3	2	0.1	0.2	0.1	0	0	0	0	0	0	0
3/17/2024 12:05	13905 SEID_T1	3	1	-2	0.37	0.3	-0.07	0	0	0	0	0	0	0
3/17/2024 12:06	26002 WDAM_T1	1	1	0	0.4	0.6	0.2	0	0	0	0	0	0	0
3/17/2024 12:07	46701 RENO_T1	3	7	4	2.73	1.53	-1.2	0	0	0	0	0	0	0
3/17/2024 12:08	67605 WARW_T1	19	22	3	0.57	0.61	0.04	0	0	0	0	0	0	0
3/17/2024 12:08	24902 WHHA_T1	0	1	1	0	0	0	0	0	0	0	0	0	0
3/17/2024 12:09	44302 BEAV_T2	282	301	19	0.49	0.5	0.01	0	0	0	0	0	0	0
3/17/2024 12:09	45502 DERR_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
3/17/2024 12:09	10801 CHHI_T1	4	6	2	0.38	0.63	0.25	0	0	0	0	0	0	0
3/17/2024 12:10	65002 NEFF_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
3/17/2024 12:10	52404 GRPA_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
3/17/2024 12:10	67603 WARW_T1	0	1	1	0	0.3	0.3	0	0	0	0	0	0	0
3/17/2024 12:11	10801 CHHI_T1	4	6	2	0.38	0.63	0.25	0	0	0	0	0	0	0
3/17/2024 12:13	45502 DERR_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
3/17/2024 12:14	23401 HONE_T2	0	1	1	0	0.1	0.1	0	0	0	0	0	0	0
3/17/2024 12:14	10801 CHHI_T1	4	6	2	0.38	0.63	0.25	0	0	0	0	0	0	0
3/17/2024 12:19	59301 MCAL_T1	7	9	2	0.63	0.56	-0.07	0	0	0	0	0	0	0
3/17/2024 12:22	12503 MITR_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
3/17/2024 12:22	59102 WALK_T2	3	4	1	0.43	0.63	0.2	0	0	0	0	0	0	0
3/17/2024 12:24	14404 SSLA_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
3/17/2024 12:24	59102 WALK_T2	3	4	1	0.43	0.63	0.2	0	0	0	0	0	0	0
3/17/2024 12:25	10801 CHHI_T1	5	6	1	0.74	0.8	0.06	0	0	0	0	0	0	0
3/17/2024 12:30	10801 CHHI_T1	5	6	1	0.4	0.92	0.52	0	0	0	0	0	0	0
3/17/2024 12:31	65503 MOJO_T2	2	30	28	0.2	0.32	0.12	0	0	0	0	0	0	0
3/17/2024 12:34	41903 REED_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
3/17/2024 12:34	65503 MOJO_T2	2	30	28	0.2	0.32	0.12	0	0	0	0	0	0	0
3/17/2024 12:36	41901 REED_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
3/17/2024 12:38	56803 BENV_T1	2	2	0	0.55	0.35	-0.2	0	0	0	0	0	0	0
3/17/2024 12:40	56803 BENV_T1	2	2	0	0.55	0.35	-0.2	0	0	0	0	0	0	0
3/17/2024 12:41	56801 BENV_T1	16	8	-8	1.16	1.03	-0.13	0	0	0	0	0	0	0
3/17/2024 12:43	56803 BENV_T1	2	2	0	0.55	0.35	-0.2	0	0	0	0	0	0	0
3/17/2024 12:44	52006 LING_T2	4	4	0	0.5	0.48	-0.02	0	0	0	0	0	0	0
3/17/2024 12:45	46803 HEPB_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
3/17/2024 12:46	58402 MORO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
3/17/2024 12:47	46801 HEPB_T2	2	2	0	0.2	0.25	0.05	0	0	0	0	0	0	0
3/17/2024 12:47	58402 MORO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
3/17/2024 12:48	46803 HEPB_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
3/17/2024 12:57	67604 WARW_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
3/17/2024 12:58	65001 NEFF_T2	6	26	20	0.17	0.13	-0.04	0	0	0	0	0	0	0
3/17/2024 12:59	40101 HUNT_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
3/17/2024 13:02	58402 MORO_T1	0	1	1	0	0.1	0.1	0	0	0	0	0	0	0
3/17/2024 13:02	63203 MGTN_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
3/17/2024 13:03	58402 MORO_T1	0	1	1	0	0.1	0.1	0	0	0	0	0	0	0
3/17/2024 13:04	41901 REED_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
3/17/2024 13:06	46301 ROHR_T1	0	4	4	0	0.38	0.38	0	0	0	0	0	0	0
3/17/2024 13:06	59102 WALK_T2	0	3	3	0	0.13	0.13	0	0	0	0	0	0	0
3/17/2024 13:07	41902 REED_T1	0	1	1	0	0.1	0.1	0	0	0	0	0	0	0
3/17/2024 13:08	14802 TREI_T2	3	4	1	0.37	0.53	0.16	0	0	0	0	0	0	0
3/17/2024 13:09	14802 TREI_T2	3	4	1	0.37	0.53	0.16	0	0	0	0	0	0	0
3/17/2024 13:09	59102 WALK_T2	0	3	3	0	0.13	0.13	0	0	0	0	0	0	0
3/17/2024 13:10	59102 WALK_T2	0	3	3	0	0.13	0.13	0	0	0	0	0	0	0
3/17/2024 13:14	17805 GILB_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
3/17/2024 13:14	17802 GILB_T1	3	3	0	0.57	0.67	0.1	0	0	0	0	0	0	0
3/17/2024 13:15	17801 GILB_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
3/17/2024 13:17	64203 KINZ_T1	688	705	17	0.47	0.41	-0.06	0	0	0	0	0	0	0
3/17/2024 13:18	58402 MORO_T1	0	1	1	0	0.1	0.1	0	0	0	0	0	0	0
3/17/2024 13:19	58402 MORO_T1	0	1	1	0	0.1	0.1	0	0	0	0	0	0	0
3/17/2024 13:25	59102 WALK_T2	1	6	5	0.1	0.45	0.35	0	0	0	0	0	0	0
3/17/2024 13:28	10801 CHHI_T1	4	6	2	0.15	0.37	0.22	0	0	0	0	0	0	0
3/17/2024 13:33	10801 CHHI_T1	6	7	1	0.37	0.49	0.12	0	0	0	0	0	0	0
3/17/2024 13:37	56803 BENV_T1	1	2	1	0.6	0.45	-0.15	0	0	0	0	0	0	0
3/17/2024 13:38	56801 BENV_T1	20	21	1	0.93	1	0.07	0	0	0	0	0	0	0
3/17/2024 13:38	10801 CHHI_T1	6	7	1	0.37	0.49	0.12	0	0	0	0	0	0	0
3/17/2024 13:39	56801 BENV_T1	20	21	1	0.93	1	0.07	0	0	0	0	0	0	0
3/17/2024 13:40	56803 BENV_T1	1	2	1	0.6	0.45	-0.15	0	0	0	0	0	0	0
3/17/2024 13:41	56801 BENV_T1	20	21	1	0.93	1	0.07	0	0	0	0	0	0	0
3/17/2024 13:42	53502 EVIL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
3/17/2024 13:44	10801 CHHI_T1	6	7	1	0.37	0.49	0.12	0	0	0	0	0	0	0
3/17/2024 13:44	53502 EVIL_T2	0	0	0	0	0	0

Appendix C - Grid Benefits Achieved in Each Instance of Active Management

3/17/2024 14:07	44203 POIN_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/17/2024 14:07	59101 WALK_T2	4	1	-3	0.53	1.1	0.57	0	0	0	0	0	0	0	0
3/17/2024 14:07	43102 SMIL_T2	6	6	0	0.4	0.52	0.12	0	0	0	0	0	0	0	0
3/17/2024 14:08	56802 BENV_T2	1	2	1	0.5	0.9	0.4	0	0	0	0	0	0	0	0
3/17/2024 14:09	26002 WDAM_T1	4	4	0	0.75	0.73	-0.02	0	0	0	0	0	0	0	0
3/17/2024 14:10	56803 BENV_T1	1	2	1	0.7	0.2	-0.5	0	0	0	0	0	0	0	0
3/17/2024 14:10	56802 BENV_T2	1	2	1	0.5	0.9	0.4	0	0	0	0	0	0	0	0
3/17/2024 14:10	10801 CHHI_T1	7	6	-1	0.41	0.58	0.17	0	0	0	0	0	0	0	0
3/17/2024 14:10	44301 BEAV_T2	15	18	3	0.53	0.53	0	0	0	0	0	0	0	0	0
3/17/2024 14:11	67605 WARW_T1	68	68	0	0.56	0.69	0.13	0	0	0	0	0	0	0	0
3/17/2024 14:11	56803 BENV_T1	1	2	1	0.7	0.2	-0.5	0	0	0	0	0	0	0	0
3/17/2024 14:11	41801 GOCI_T2	26	133	107	0.24	0.4	0.16	0	0	0	0	0	0	0	0
3/17/2024 14:11	46002 BERW_T2	2	1	-1	0.25	0.3	0.05	0	0	0	0	0	0	0	0
3/17/2024 14:12	10801 CHHI_T1	7	6	-1	0.41	0.58	0.17	0	0	0	0	0	0	0	0
3/17/2024 14:12	56803 BENV_T1	1	2	1	0.7	0.2	-0.5	0	0	0	0	0	0	0	0
3/17/2024 14:12	44302 BEAV_T2	445	477	32	0.62	0.69	0.07	0	0	0	0	0	0	0	0
3/17/2024 14:13	47001 HUGH_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/17/2024 14:13	56803 BENV_T1	1	2	1	0.7	0.2	-0.5	0	0	0	0	0	0	0	0
3/17/2024 14:14	52006 LING_T2	3	3	0	0.63	0.6	-0.03	0	0	0	0	0	0	0	0
3/17/2024 14:14	46801 HEPB_T2	2	2	0	0.45	0.75	0.3	0	0	0	0	0	0	0	0
3/17/2024 14:15	64305 LINC_T1	1	2	1	0.2	0.35	0.15	0	0	0	0	0	0	0	0
3/17/2024 14:15	10801 CHHI_T1	6	5	-1	0.58	0.5	-0.08	0	0	0	0	0	0	0	0
3/17/2024 14:15	41802 GOCI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/17/2024 14:16	46803 HEPB_T2	0	1	1	0	0.1	0.1	0	0	0	0	0	0	0	0
3/17/2024 14:16	41801 GOCI_T2	131	111	-20	0.4	0.34	-0.06	0	0	0	0	0	0	0	0
3/17/2024 14:17	64303 LINC_T1	2	2	0	0.3	0.55	0.25	0	0	0	0	0	0	0	0
3/17/2024 14:17	46803 HEPB_T2	0	1	1	0	0.1	0.1	0	0	0	0	0	0	0	0
3/17/2024 14:19	41901 REED_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/17/2024 14:19	14401 SSLA_T1	1	1	0	1.7	0.4	-1.3	0	0	0	0	0	0	0	0
3/17/2024 14:20	41903 REED_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/17/2024 14:20	42204 SHEN_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/17/2024 14:21	46702 RENO_T1	63	134	71	0.18	0.21	0.03	0	0	0	0	0	0	0	0
3/17/2024 14:21	46702 RENO_T1	63	134	71	0.18	0.21	0.03	0	0	0	0	0	0	0	0
3/17/2024 14:23	45902 AUBU_T1	4	4	0	0.58	0.78	0.2	0	0	0	0	0	0	0	0
3/17/2024 14:23	56801 BENV_T1	20	27	7	0.89	0.8	-0.09	0	0	0	0	0	0	0	0
3/17/2024 14:24	14401 SSLA_T1	1	1	0	1.7	0.4	-1.3	0	0	0	0	0	0	0	0
3/17/2024 14:24	46701 RENO_T1	83	159	76	0.32	0.34	0.02	0	0	0	0	0	0	0	0
3/17/2024 14:24	67502 WEWI_T2	1	6	5	0.8	0.3	-0.5	0	0	0	0	0	0	0	0
3/17/2024 14:24	56802 BENV_T2	2	2	0	0.5	1.15	0.65	0	0	0	0	0	0	0	0
3/17/2024 14:25	60701 BREC_T1	0	2	2	0	0.65	0.65	0	0	0	0	0	0	0	0
3/17/2024 14:25	44301 BEAV_T2	18	15	-3	0.52	0.59	0.07	0	0	0	0	0	0	0	0
3/17/2024 14:25	56802 BENV_T2	2	2	0	0.5	1.15	0.65	0	0	0	0	0	0	0	0
3/17/2024 14:26	56803 BENV_T1	2	1	-1	0.2	0.1	-0.1	0	0	0	0	0	0	0	0
3/17/2024 14:26	10801 CHHI_T1	6	5	-1	0.58	0.5	-0.08	0	0	0	0	0	0	0	0
3/17/2024 14:26	67503 WEWI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/17/2024 14:26	67603 WARW_T1	1	2	1	0.6	0.45	-0.15	0	0	0	0	0	0	0	0
3/17/2024 14:26	56802 BENV_T2	2	2	0	0.5	1.15	0.65	0	0	0	0	0	0	0	0
3/17/2024 14:27	56801 BENV_T1	20	27	7	0.89	0.8	-0.09	0	0	0	0	0	0	0	0
3/17/2024 14:27	46004 BERW_T2	2	2	0	0.2	0.1	-0.1	0	0	0	0	0	0	0	0
3/17/2024 14:27	67604 WARW_T1	1	1	0	0.1	0.2	0.1	0	0	0	0	0	0	0	0
3/17/2024 14:27	10801 CHHI_T1	6	5	-1	0.58	0.5	-0.08	0	0	0	0	0	0	0	0
3/17/2024 14:28	67503 WEWI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/17/2024 14:28	45901 AUBU_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/17/2024 14:28	53502 EVIL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/17/2024 14:28	10805 CHHI_T2	1	1	0	7.8	7.9	0.1	0	0	0	0	0	0	0	0
3/17/2024 14:29	52004 LING_T2	3	7	4	0.53	1.03	0.5	0	0	0	0	0	0	0	0
3/17/2024 14:29	52002 LING_T2	1	1	0	0.7	1	0.3	0	0	0	0	0	0	0	0
3/17/2024 14:30	52004 LING_T2	5	7	2	1	1.09	0.09	0	0	0	0	0	0	0	0
3/17/2024 14:30	46803 HEPB_T2	1	0	-1	0.1	0	-0.1	0	0	0	0	0	0	0	0
3/17/2024 14:31	53501 EVIL_T2	20	23	3	0.58	0.62	0.04	0	0	0	0	0	0	0	0
3/17/2024 14:31	46504 LOHA_T1	2	2	0	0.75	1.1	0.35	0	0	0	0	0	0	0	0
3/17/2024 14:31	10801 CHHI_T1	5	3	-2	0.28	0.67	0.39	0	0	0	0	0	0	0	0
3/17/2024 14:31	64303 LINC_T1	2	2	0	0.3	0.6	0.3	0	0	0	0	0	0	0	0
3/17/2024 14:31	58402 MORO_T1	1	4	3	0.1	0.15	0.05	0	0	0	0	0	0	0	0
3/17/2024 14:32	58402 MORO_T1	1	4	3	0.1	0.15	0.05	0	0	0	0	0	0	0	0
3/17/2024 14:32	58402 MORO_T1	1	4	3	0.1	0.15	0.05	0	0	0	0	0	0	0	0
3/17/2024 14:32	46801 HEPB_T2	2	2	0	0.45	0.4	-0.05	0	0	0	0	0	0	0	0
3/17/2024 14:33	46505 LOHA_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/17/2024 14:34	41901 REED_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/17/2024 14:34	46701 RENO_T1	159	173	14	0.34	0.3	-0.04	0	0	0	0	0	0	0	0
3/17/2024 14:34	46502 LOHA_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/17/2024 14:35	41903 REED_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/17/2024 14:35	59102 WALK_T2	6	7	1	0.32	0.56	0.24	0	0	0	0	0	0	0	0
3/17/2024 14:36	46701 RENO_T1	159	173	14	0.34	0.3	-0.04	0	0	0	0	0	0	0	0
3/17/2024 14:36	42202 SHEN_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/17/2024 14:36	67502 WEWI_T2	1	7	6	0.4	0.3	-0.1	0	0	0	0	0	0	0	0
3/17/2024 14:36	13302 ORVI_T2	23	27	4	0.47	0.43	-0.04	0	0	0	0	0	0	0	0
3/17/2024 14:37	67502 WEWI_T2	1	7	6	0.4	0.3	-0.1	0	0	0	0	0	0	0	0
3/17/2024 14:37	46702 RENO_T1	134	133	-1	0.21	0.22	0.01	0	0	0	0	0	0	0	0
3/17/2024 14:38	45902 AUBU_T1	4	3	-1	0.78	1	0.22	0	0	0	0	0	0	0	0
3/17/2024 14:38	59102 WALK_T2	6	7	1	0.32	0.56	0.24	0	0	0	0	0	0	0	0
3/17/2024 14:38	26002 WDAM_T1	2	2	0	0.7	0.85	0.15	0	0	0	0	0	0	0	0
3/17/2024 14:38	44301 BEAV_T2	15	15	0	0.47	0.71	0.24	0	0	0	0	0	0	0	0
3/17/2024 14:39	45901 AUBU_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/17/2024 14:39	15001 BLMO_T1	1	1	0	0.6	0.1	-0.5	0	0	0	0	0	0	0	0
3/17/2024 14:39	67401 WAKE_T2	2	4	2	0.55	0.38	-0.17	0	0	0	0	0	0	0	0
3/17/2024 14:39	10805 CHHI_T2	1	1	0	7.9	7.9	0	0	0	0	0	0	0	0	0
3/17/2024 14:39	45901 AUBU_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/17/2024 14:40	56802 BENV_T2	1	2	1	1.7	1.15	-0.55	0	0	0	0	0	0	0	0
3/17/2024 14:40	60801 BUCK_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/17/2024 14:40	67503 WEWI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/17/2024 14:41	26002 WDAM_T1	2	2	0	0.7	0.85	0.15	0	0	0	0	0	0	0	0
3/17/2024 14:41	10801 CHHI_T1	5	3	-2	0.28	0.67	0.39	0	0	0	0	0	0	0	0
3/17/2024 14:41	53501 EVIL_T2	20	23	3	0.58	0.62	0.04	0	0	0	0	0	0	0	0
3/17/2024 14:41	45902 AUBU_T1	4	3	-1	0.78	1	0.22	0	0	0	0	0	0	0	0
3/17/2024 14:41	60701 BREC_T1	0	2	2	0	0.75	0.75	0	0	0	0	0	0	0	0
3/17/2024 14:41	15001 BLMO_T1	1	1	0	0.6	0.1	-0.5	0	0	0	0	0	0	0	0
3/17/2024 14:41	44301 BEAV_T2	15	15	0	0.47	0.71	0.24	0	0	0	0	0	0	0	0
3/17/2024 14:41	60201 ATGL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/17/2024 14:42	67603 WARW_T1	1	3	2	0.2	0.8	0.6	0	0	0	0	0	0	0	0
3/17/2024 14:42	53502 EVIL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/17/2024 14:42	46002 BERW_T2	1	2	1	0.2	0.25	0.05	0	0	0	0	0	0	0	0
3/17/2024 14:42	15001 BLMO_T1	1	1	0	0.6	0.1	-0.5	0	0	0	0	0	0	0	0
3/17/2024 14:42	56802 BENV_T2	1	2	1	1.7	1.15	-0.55	0	0	0	0	0	0	0	0
3/17/2024 14:43	60101 COCA_T1	8	9	1	0.49	0.56	0.07	0	0	0	0	0	0	0	0
3/17/2024 14:43	17803 GILB_T2	12	7	-5	0.22	0.24	0.02	0	0	0	0	0	0	0	0
3/17/2024 14:43	67603 WARW_T1	1	3	2	0.2	0.8	0.6	0	0	0	0	0	0	0	0
3/17/2024 14:43	17804 GILB_T2	1	1	0	0.3	0.6	0.3	0	0	0	0	0	0	0	0
3/17/2024 14:43	10801 CHHI_T1	5	3	-2	0.28	0.67	0.39	0	0	0	0	0	0	0	0
3/17/2024 14:44	45901 AUBU_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/17/2024 14:44	52002 LING_T2	1	1	0	1	0.9	-0.1	0	0	0	0	0	0	0	0
3/17/2024 14:44	17803 GILB_T2	12	7	-5	0.22	0.24	0.02	0	0	0	0	0	0	0	0
3/17/2024 14:44	52006 LING_T2	2	3	1	0.85	0.6	-0.25	0	0	0	0	0	0	0	0
3/17/2024 14:44	10805 CHHI_T2	1	1	0	7.9	7.9	0	0	0	0	0	0	0	0	0
3/17/2024 14:45	46803 HEPB_T2	0	1	1	0	0.6	0.6	0	0	0	0	0	0	0	0
3/17/2024 14:45	17804 GILB_T2	1	1	0	0.4	0.6	0.2	0	0	0	0	0	0	0	0
3/17/2024 14:46	52006 LING_T2	2	3	1	0.75	0.63	-0.12	0	0	0	0	0	0	0	0
3/17/2024 14:47	64303 LINC_T1	2	2	0	0.55	0.6	0.05	0	0	0	0	0	0	0	0
3/17/2024 14:47	58402 MORO_T1	2	4	2	0.15	0.15	0	0	0	0	0	0	0	0	0
3/17/2024 14:47	65502 MOJO_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/17/2024 14:47	10801 CHHI_T1	3	3	0	0.67	0.2	-0.47	0	0	0	0	0	0	0	0
3/17/2024 14:47	42901 MIDD_T2	634	679	45	0.58	0.65	0.07	0	0	0	0	0	0	0	0
3/17/2024 14:47	13302 ORVI_T2	25	55	30	0.44	0.3	-0.14	0	0	0	0	0	0	0	0
3/17/2024 14:47	53501 EVIL_T2	18	21	3	0.62	0.56	-0.06	0	0	0	0	0	0	0	0
3/17/2024 14:48	58402 MORO_T1	2	4	2	0.15	0.15	0	0	0	0	0	0	0	0	0
3/17/2024 14:48	52403 GRPA_T2	30	12	-18	0.38	0.71	0.33	0	0	0	0	0	0	0	0
3/17/2024 14:48	46801 HEPB_T2	2	2	0	0.35	0.45	0.1	0	0	0	0	0	0	0	0
3/17/2024 14:49	46801 HEPB_T2	2	2	0	0.35	0.45	0.1	0	0	0	0	0	0	0	0
3/17/2024 14:49	13302 ORVI_T2	25	55	30	0.44	0.3	-0.14	0	0	0	0	0	0	0	0
3/17/2024 14:50	13302 ORVI_T2	25	55	30	0.44	0.3	-0.14	0	0	0	0	0	0	0	0
3/17/2024 14:50	41903 REED_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/17/2024 14:51	14402 SSLA_T1	1	1	0	0.6	0.7	0.1	0	0	0	0	0	0	0	0
3/17/2024 14:51	41901 REED_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/17/2024 14:51	65503 MOJO_T2	11	4	-7	0.52	0.83	0.31	0	0	0	0	0	0	0	0
3/17/2024 14:53	56801 BENV_T1	24	26	2	0.87	0.81	-0.06	0	0	0	0	0	0	0	0
3/17/2024 14:53	27502 WEIS_T2	0	4	4	0	0.35	0.35	0	0	0	0	0	0	0	0
3/17/2024 14:54	56803 BENV_T1	1	3	2	0.1	0.55	0.45	0	0	0	0	0	0	0	0
3/17/2024 14:54	60201 ATGL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/17/2024 14:55	44301 BEAV_T2	15	15	0	0.59	0.73	0.14	0	0	0	0	0	0	0	0
3/17/2024 14:55	56801 BENV_T1	24	26	2	0.87	0.81	-0.06	0	0	0	0	0	0	0	0
3/17/2024 14:55	45901 AUBU_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/17/2024 14:56	23901 EFMO_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/17/2024 14:57	44302 BEAV_T2	460	508	48	0.71	0.83	0.12	0	0	0	0	0	0	0	0
3/17/2024 14:57	52401 GRPA_T2	1	3	2	0.2	0.13	-0.07	0	0	0	0	0	0	0	0
3/17/2024 14:57	10801 CHHI_T1	3	3	0	0.67	0.2	-0.47	0	0	0	0	0	0	0	0
3/17/2024 14:57	56803 BENV_T1	1	3	2	0.1	0.55	0.45	0	0	0	0	0	0	0	0
3/17/2024 14:58	53901 HAU_T2	3	11	8	0.5	0.23	-0.27	0	0	0	0	0	0	0	0
3/17/2024 14:58	52402 GRPA_T2	6	6	0	1.12	1.1	-0.02	0	0	0	0	0	0	0	0
3/17/2024 14:58	56801 BENV_T1	24	26	2	0.87	0.81	-0.06	0	0	0	0	0	0	0	0
3/17/2024 15:00	45901 AUBU_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/17/2024 15:01	52402 GRPA_T2	4	6	2	1.43	1.05	-0.38	0	0	0	0	0	0	0	0
3/17/2024 15:01	53901 HAU_T2	4	14	10	0.4	0.26	-0.14	0	0	0	0	0	0	0	0
3/17/2024 15:02	66303 MCGO_T2	1	1	0	0.8	0.9	0.1	0	0	0	0	0	0	0	0
3/17/2024 15:02	40902 JESH_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/17/2024 15:02	10801 CHHI_T1	0	4	4	0	0.2	0.2	0	0	0	0	0	0	0	0
3/17/2024 15:06	41902 REED_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/17/2024 15:07	41902 REED_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/17/2024 15:07	44302 BEAV_T2	473	496	23	0.77	0.84	0.07	0	0	0	0	0	0	0	0
3/17/2024 15:09	44302 BEAV_T2	473	496	23	0.77	0.84	0.07	0	0	0	0	0	0	0	0
3/17/2024 15:09	15701 TANN_T1	2	2	0	2.05	2.4	0.35	0	0	0	0	0	0	0	0
3/17/2024 15:10	44301 BEAV_T2	15	15	0	0.69	0.69	0	0	0	0	0	0	0	0	0
3/17/2024 15:10	45901 AUBU_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/17/2024 15:11	44302 BEAV_T2	473	496	23	0.77	0.84	0.07	0	0	0	0	0	0	0	0
3/17/2024 15:12	44301 BEAV_T2	15	15	0	0.69	0.69	0	0	0	0	0	0	0	0	0
3/17/2024 15:13	41801 GOCI_T2	44	29	-15	0.28	0.29	0.01	0	0	0	0	0	0	0	0
3/17/2024 15:13	10801 CHHI_T1	0	4	4	0	0.2	0.2	0	0	0	0	0	0	0	0
3/17/2024 15:14	41801 GOCI_T2	44	29	-15	0.28	0.29	0.01	0	0	0	0	0	0	0	0
3/17/2024 15:15	64305 LINC_T1	2	1	-1	0.2	0.3	0.1	0	0	0	0	0	0	0	0
3/17/2024 15:16	45901 AUBU_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/17/2024 15:18	41901 REED_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/17/2024 15:18	58401 MORO_T1	3	1	-2	0.33	0.5	0.17	0	0	0	0	0	0	0	0
3/17/2024 15:18	10801 CHHI_T1	3	3	0	0.2	0.27	0.07	0	0	0	0	0	0	0	0
3/17/2024 15:20	58401 MORO_T1	3	1	-2	0.33	0.5	0.17	0	0	0	0	0	0	0	0
3/17/2024 15:22	41903 REED_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/17/2024 15:24	56802 BENV_T2	2	2	0	1.05	0.85	-0.2	0	0	0	0	0	0	0	0
3/17/2024 15:24	10801 CHHI_T1	3	3	0	0.2	0.27	0.07	0	0	0	0	0	0	0	0
3/17/2024 15:25	60701 BREC_T1	2	2	0	1	0.95	-0.05	0	0	0	0	0	0	0	0
3/17/2024 15:25	44302 BEAV_T2	487	469	-18	0.83	0.73	-0.1	0	0	0	0	0	0	0	0
3/17/2024 15:26	53501 EVIL_T2	12	21	9	0.53	0.49	-0.04	0	0	0	0	0	0	0	0
3/17/2024 15:26	60803 BUCK_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/17/2024 15:26	45901 AUBU_T1	0	0	0	0	0	0	0	0	0	0

Appendix C - Grid Benefits Achieved in Each Instance of Active Management

3/17/2024 16:28	41801 GOCI_T2	3	1	-2	0.2	0.1	-0.1	0	0	0	0	0	0	0
3/17/2024 16:29	45902 AUBU_T1	3	0	-3	0.53	0	-0.53	0	0	0	0	0	0	0
3/17/2024 16:32	10801 CHHI_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
3/17/2024 16:33	46801 HEPB_T2	2	2	0	0.4	0.4	0	0	0	0	0	0	0	0
3/17/2024 16:37	42204 SHEN_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
3/17/2024 16:58	10801 CHHI_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
3/17/2024 16:59	65001 NEFF_T2	9	62	53	0.14	0.13	-0.01	0	0	0	0	0	0	0
3/17/2024 17:03	10801 CHHI_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
3/17/2024 17:11	40502 CRES_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
3/17/2024 17:14	40501 CRES_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
3/17/2024 17:19	13503 MCMI_T2	77	10	-67	0.27	0.14	-0.13	0	0	0	0	0	0	0
3/17/2024 17:20	65004 NEFF_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
3/17/2024 17:47	65002 NEFF_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
3/17/2024 18:00	24701 FLND_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
3/17/2024 18:13	65001 NEFF_T2	0	1	1	0	0.1	0.1	0	0	0	0	0	0	0
3/17/2024 18:28	52403 GRPA_T2	1	1	0	0.5	0.2	-0.3	0	0	0	0	0	0	0
3/17/2024 18:44	65005 NEFF_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
3/17/2024 19:11	65004 NEFF_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
3/17/2024 19:53	65001 NEFF_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
3/17/2024 20:14	65004 NEFF_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
3/17/2024 20:19	13501 MCMI_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
3/17/2024 20:21	13503 MCMI_T2	1	0	-1	0.2	0	-0.2	0	0	0	0	0	0	0
3/17/2024 20:21	13501 MCMI_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
3/17/2024 20:22	64201 KINZ_T1	1	1	0	0.6	0.9	0.3	0	0	0	0	0	0	0
3/17/2024 20:22	13503 MCMI_T2	1	0	-1	0.2	0	-0.2	0	0	0	0	0	0	0
3/17/2024 20:25	67104 SPRI_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
3/17/2024 20:42	20401 ASHF_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
3/17/2024 20:43	20403 ASHF_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
3/17/2024 20:49	52502 PROG_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
3/17/2024 20:51	52502 PROG_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
3/17/2024 20:52	52503 PROG_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
3/17/2024 20:54	46702 RENO_T1	0	1	1	0	0.1	0.1	0	0	0	0	0	0	0
3/17/2024 20:56	65001 NEFF_T2	0	1	1	0	0.1	0.1	0	0	0	0	0	0	0
3/17/2024 21:07	28701 HAML_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
3/17/2024 21:07	17805 GILB_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
3/17/2024 21:08	29401 BELT_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
3/17/2024 21:09	53903 HALI_T2	2	2	0	1	1.3	0.3	0	0	0	0	0	0	0
3/17/2024 21:11	15701 TANN_T1	1	1	0	3.8	4	0.2	0	0	0	0	0	0	0
3/17/2024 21:11	61305 EARL_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
3/17/2024 21:11	26402 INOR_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
3/17/2024 21:11	29401 BELT_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
3/17/2024 21:11	15604 NSTR_T1	1	1	0	0.6	0.4	-0.2	0	0	0	0	0	0	0
3/17/2024 21:11	27503 WEIS_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
3/17/2024 21:12	12704 MACU_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
3/17/2024 21:12	17805 GILB_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
3/17/2024 21:12	13302 ORVI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
3/17/2024 21:12	20401 ASHF_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
3/17/2024 21:12	29401 BELT_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
3/17/2024 21:13	14402 SSLA_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
3/17/2024 21:13	47001 HUGH_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
3/17/2024 21:13	16102 BING_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
3/17/2024 21:13	45902 AUBU_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
3/17/2024 21:13	29401 BELT_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
3/17/2024 21:13	17804 GILB_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
3/17/2024 21:13	13302 ORVI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
3/17/2024 21:14	56601 HAMP_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
3/17/2024 21:14	53903 HALI_T2	2	2	0	1	1.3	0.3	0	0	0	0	0	0	0
3/17/2024 21:14	25404 LAHA_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
3/17/2024 21:14	29401 BELT_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
3/17/2024 21:14	24703 FLND_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
3/17/2024 21:14	29401 BELT_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
3/17/2024 21:14	48302 ORWI_T2	2	2	0	1	1.1	0.1	0	0	0	0	0	0	0
3/17/2024 21:14	44601 SALE_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
3/17/2024 21:15	45901 AUBU_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
3/17/2024 21:15	41601 CLEV_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
3/17/2024 21:15	67502 WEWI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
3/17/2024 21:15	13302 ORVI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
3/17/2024 21:16	67604 WARW_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
3/17/2024 21:16	53903 HALI_T2	2	2	0	1.3	1.3	0	0	0	0	0	0	0	0
3/17/2024 21:16	67104 SPRI_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
3/17/2024 21:16	17804 GILB_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
3/17/2024 21:16	56801 BENV_T1	11	14	3	0.8	0.65	-0.15	0	0	0	0	0	0	0
3/17/2024 21:16	46801 HEPB_T2	2	2	0	0.35	0.4	0.05	0	0	0	0	0	0	0
3/17/2024 21:16	46701 RENO_T1	4	150	146	2.23	0.28	-1.95	0	0	0	0	0	0	0
3/17/2024 21:17	46503 LOHA_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
3/17/2024 21:17	60102 COCA_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
3/17/2024 21:17	63401 HONY_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
3/17/2024 21:17	63602 LETO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
3/17/2024 21:17	55001 NEWP_T1	34	63	29	0.21	0.34	0.13	0	0	0	0	0	0	0
3/17/2024 21:17	57304 MOAL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
3/17/2024 21:17	60701 BREC_T1	0	3	3	0	0.1	0.1	0	0	0	0	0	0	0
3/17/2024 21:17	59102 WALK_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
3/17/2024 21:17	12704 MACU_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
3/17/2024 21:17	48302 ORWI_T2	2	2	0	1.1	1.05	-0.05	0	0	0	0	0	0	0
3/17/2024 21:17	41802 GOCI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
3/17/2024 21:17	42902 MIDD_T2	130	150	20	0.64	0.62	-0.02	0	0	0	0	0	0	0
3/17/2024 21:17	10805 CHHI_T2	1	1	0	7.8	7.8	0	0	0	0	0	0	0	0
3/17/2024 21:18	53901 HALI_T2	7	1	-6	0.19	1	0.81	0	0	0	0	0	0	0
3/17/2024 21:18	46702 RENO_T1	1	93	92	0.1	0.18	0.08	0	0	0	0	0	0	0
3/17/2024 21:18	60803 BUCK_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
3/17/2024 21:18	45901 AUBU_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
3/17/2024 21:18	26002 WDAM_T1	1	2	1	0.1	0.15	0.05	0	0	0	0	0	0	0
3/17/2024 21:18	56801 BENV_T1	11	14	3	0.8	0.65	-0.15	0	0	0	0	0	0	0
3/17/2024 21:18	29402 BELT_T1	1	1	0	7	7.4	0.4	0	0	0	0	0	0	0
3/17/2024 21:18	15001 BLMO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
3/17/2024 21:18	17802 GILB_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
3/17/2024 21:18	48303 ORWI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
3/17/2024 21:18	10805 CHHI_T2	1	1	0	7.8	7.8	0	0	0	0	0	0	0	0
3/17/2024 21:18	53901 HALI_T2	7	1	-6	0.19	1	0.81	0	0	0	0	0	0	0
3/17/2024 21:18	45901 AUBU_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
3/17/2024 21:18	44601 SALE_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
3/17/2024 21:19	56802 BENV_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
3/17/2024 21:19	40602 PIGR_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
3/17/2024 21:19	60201 ATGL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
3/17/2024 21:19	20401 ASHF_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
3/17/2024 21:19	66504 SMAN_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
3/17/2024 21:19	46803 HEPB_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
3/17/2024 21:19	17805 GILB_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
3/17/2024 21:19	65503 MOJO_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
3/17/2024 21:20	46201 DANV_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
3/17/2024 21:20	45901 AUBU_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
3/17/2024 21:20	46504 LOHA_T1	2	2	0	0.65	0.95	0.3	0	0	0	0	0	0	0
3/17/2024 21:20	13302 ORVI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
3/17/2024 21:20	59101 WALK_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
3/17/2024 21:20	66302 MCGO_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
3/17/2024 21:20	46002 BERW_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
3/17/2024 21:20	63203 MGTN_T1	1	0	-1	0.1	0	-0.1	0	0	0	0	0	0	0
3/17/2024 21:20	44301 BEAV_T2	3	2	-1	0.73	0.75	0.02	0	0	0	0	0	0	0
3/17/2024 21:20	29401 BELT_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
3/17/2024 21:20	52006 LING_T2	2	2	0	0.45	0.4	-0.05	0	0	0	0	0	0	0
3/17/2024 21:20	53501 EVIL_T2	2	4	2	0.65	0.78	0.13	0	0	0	0	0	0	0
3/17/2024 21:20	67502 WEWI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
3/17/2024 21:20	60201 ATGL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
3/17/2024 21:20	15001 BLMO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
3/17/2024 21:21	14801 TREI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
3/17/2024 21:21	41602 CLEV_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
3/17/2024 21:21	46206 DANV_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
3/17/2024 21:21	67401 WAKE_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
3/17/2024 21:21	41802 GOCI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
3/17/2024 21:21	58402 MORO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
3/17/2024 21:21	65502 MOJO_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
3/17/2024 21:22	47401 PENS_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
3/17/2024 21:22	43104 SMIL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
3/17/2024 21:22	67603 WARW_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
3/17/2024 21:22	59301 MCAL_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
3/17/2024 21:22	55001 NEWP_T1	34	63	29	0.21	0.34	0.13	0	0	0	0	0	0	0
3/17/2024 21:22	53901 HALI_T2	7	1	-6	0.19	1	0.81	0	0	0	0	0	0	0
3/17/2024 21:22	45704 LIND_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
3/17/2024 21:22	65002 NEFF_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
3/17/2024 21:22	46803 HEPB_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
3/17/2024 21:22	26001 WDAM_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
3/17/2024 21:22	10801 CHHI_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
3/17/2024 21:22	64401 LAND_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
3/17/2024 21:23	43202 MVIL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
3/17/2024 21:23	40501 CRES_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
3/17/2024 21:23	42803 SELI_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
3/17/2024 21:23	64305 LINC_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
3/17/2024 21:23	60201 ATGL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
3/17/2024 21:24	53502 EVIL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
3/17/2024 21:24	52402 GRPA_T2	2	1	-1	1.75	3.6	1.85	0	0	0	0	0	0	0
3/17/2024 21:24	60801 BUCK_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
3/17/2024 21:24	67502 WEWI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
3/17/2024 21:24	52004 LING_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
3/17/2024 21:24	29401 BELT_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
3/17/2024 21:24	40602 PIGR_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
3/17/2024 21:24	53903 HALI_T2	2	2	0	1.3	1.3	0	0	0	0	0	0	0	0
3/17/2024 21:24	52002 LING_T2	1	1	0	0.6	0.8	0.2	0	0	0	0	0	0	0
3/17/2024 21:24	23901 EFMO_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
3/17/2024 21:25	56801 BENV_T1	11	14	3	0.8	0.65	-0.15	0	0	0	0	0	0	0
3/17/2024 21:25	60701 BREC_T1	0	3	3	0	0.1	0.1	0	0	0	0	0	0	0
3/17/2024 21:25	42902 MIDD_T2	130	150	20	0.64	0.62	-0.02	0	0	0	0	0	0	0
3/17/2024 21:25	66303 MCGO_T2	1	1	0	0.3	0.3	0	0	0	0	0	0	0	0
3/17/2024 21:26	64303 LINC_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
3/17/2024 21:26	40201 BEGA_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
3/17/2024 21:26	56803 BENV_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
3/17/2024 21:26	42902 MIDD_T2	130	150	20	0.64	0.62	-0.02	0	0	0	0	0	0	0
3/17/2024 21:26	53501 EVIL_T2	2	4	2	0.65	0.78	0.13	0	0	0	0	0	0	0
3/17/2024 21:26	42204 SHEN_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
3/17/2024 21:26	12704 MACU_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
3/17/2024 21:26	66303 MCGO_T2	1	1	0	0.3	0.3	0	0	0	0	0	0	0	0
3/17/2024 21:26	41802 GOCI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
3/17/2024 21:26	15001 BLMO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
3/17/2024 21:27	58401 MORO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
3/17/2024 21:27	46004 BERW_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
3/17/2024 21:27	47403 PENS_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
3/17/2024 21:27	56801 BENV_T1	11	14	3	0.8	0.65	-0.15	0	0	0	0	0	0	0
3/17/2024 21:27	40601 PIGR_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
3/17/2024 21:27	14801 TREI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
3/17/2024 21:27	65005 NEFF_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
3/17/2024 21:27	58402 MORO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
3/17/2024 21:28	46506 LOHA_T1	1	1	0	0.6	0.2	-0.4	0	0	0	0	0	0	0
3/17/2024 21:28	56801 BENV_T1	11	14	3	0.8	0.65	-0.15	0	0	0	0	0	0	0
3/17/2024 21:28	57304 MOAL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
3/17/2024 21:28	52402 GRPA_T2	2	1	-1	1.75	3.6	1.85	0	0	0	0	0	0	0
3/17/2024 21:28	20402 ASHF_T2	0	5	5	0	0.2	0.2	0	0	0	0	0	0	0
3/17/2024 21:28	67203 TEHI_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
3/17/2024 21:28	45901 AUBU_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
3/17/2024 21:28	40101 HUNT_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
3/17/2024 21:28	59102 WALK_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
3/17/2024 21:29	20401 ASHF_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
3/17/2024 21:29	56803 BENV_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
3/17/2024 21:29	67901 WNHO_T2	36	45	9	0.21	0.18	-0.03	0	0	0	0	0	0	0
3/17/2024 21:29	41903 REED_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
3/17/2024 21:29	52403 GRPA_T2	2	0	-2	0.8	0	-0.8	0	0	0	0	0	0	0
3/17/2024 21:29	56802 BENV_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
3/17/2024 21:29	46504 LOHA_T1	2	2	0	0.65	0.95	0.3	0	0	0	0	0	0	0
3/17/2024 21:30	41902 REED

3/18/2024 0:48	17803 GILB_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/18/2024 1:02	65003 NEFF_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/18/2024 2:00	65003 NEFF_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/18/2024 2:37	65004 NEFF_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/18/2024 3:08	65002 NEFF_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/18/2024 3:40	13502 MCMI_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/18/2024 3:50	65003 NEFF_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/18/2024 6:07	65004 NEFF_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/18/2024 7:10	65003 NEFF_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/18/2024 7:47	65004 NEFF_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/18/2024 7:54	60201 ATGL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/18/2024 7:58	40101 HUNT_T2	21	15	-6	0.4	0.47	0.07	0	0	0	0	0	0	0	0
3/18/2024 7:58	45502 DERR_T2	2	1	-1	0.35	0	-0.35	0	0	0	0	0	0	0	0
3/18/2024 8:02	65003 NEFF_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/18/2024 8:02	13501 MCMI_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/18/2024 8:18	13502 MCMI_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/18/2024 8:22	29402 BELT_T1	1	1	0	6.8	6.9	0.1	0	0	0	0	0	0	0	0
3/18/2024 8:23	67103 SPRI_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/18/2024 8:24	29401 BELT_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/18/2024 8:25	29402 BELT_T1	1	1	0	6.8	6.9	0.1	0	0	0	0	0	0	0	0
3/18/2024 8:26	46205 DANV_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/18/2024 8:26	29401 BELT_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/18/2024 8:26	29401 BELT_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/18/2024 8:29	65003 NEFF_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/18/2024 8:38	53601 DALM_T2	1	1	0	0.5	0.8	0.3	0	0	0	0	0	0	0	0
3/18/2024 8:43	40502 CRES_T2	2	3	1	0.15	0.17	0.02	0	0	0	0	0	0	0	0
3/18/2024 8:54	40501 CRES_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/18/2024 8:56	40501 CRES_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/18/2024 8:58	50102 HARR_T3	0	2	2	0	0.1	0.1	0	0	0	0	0	0	0	0
3/18/2024 9:00	58401 MORO_T1	0	1	1	0	0	0	0	0	0	0	0	0	0	0
3/18/2024 9:05	67402 WAKE_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/18/2024 9:05	58402 MORO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/18/2024 9:06	59102 WALK_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/18/2024 9:09	10801 CHHI_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/18/2024 9:11	62607 ENGL_T1	0	1	1	0	0.2	0.2	0	0	0	0	0	0	0	0
3/18/2024 9:14	10801 CHHI_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/18/2024 9:15	13502 MCMI_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/18/2024 9:17	40101 HUNT_T2	32	22	-10	0.44	0.9	0.46	0	0	0	0	0	0	0	0
3/18/2024 9:19	55002 NEWP_T1	6	6	0	0.77	0.98	0.21	0	0	0	0	0	0	0	0
3/18/2024 9:19	13503 MCMI_T2	15	54	39	0.23	0.31	0.08	0	0	0	0	0	0	0	0
3/18/2024 9:25	10801 CHHI_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/18/2024 9:25	40201 BEGA_T2	0	1	1	0	0.4	0.4	0	0	0	0	0	0	0	0
3/18/2024 9:26	29402 BELT_T1	1	1	0	7.3	7.7	0.4	0	0	0	0	0	0	0	0
3/18/2024 9:26	52402 GRPA_T2	1	2	1	3.4	1.35	-2.05	0	0	0	0	0	0	0	0
3/18/2024 9:26	41802 GOCI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/18/2024 9:26	65003 NEFF_T2	0	1	1	0	0.2	0.2	0	0	0	0	0	0	0	0
3/18/2024 9:26	52404 GRPA_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/18/2024 9:27	52401 GRPA_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/18/2024 9:30	10801 CHHI_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/18/2024 9:30	41802 GOCI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/18/2024 9:30	26001 WDAM_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/18/2024 9:32	55001 NEWP_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/18/2024 9:32	59002 MIFF_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/18/2024 9:33	55002 NEWP_T1	6	5	-1	0.95	0.5	-0.45	0	0	0	0	0	0	0	0
3/18/2024 9:37	56802 BENV_T2	1	8	7	1.1	0.31	-0.79	0	0	0	0	0	0	0	0
3/18/2024 9:38	56802 BENV_T2	1	8	7	1.1	0.31	-0.79	0	0	0	0	0	0	0	0
3/18/2024 9:39	56802 BENV_T2	1	8	7	1.1	0.31	-0.79	0	0	0	0	0	0	0	0
3/18/2024 9:40	56802 BENV_T2	1	8	7	1.1	0.31	-0.79	0	0	0	0	0	0	0	0
3/18/2024 9:41	10801 CHHI_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/18/2024 9:42	56802 BENV_T2	1	8	7	1.1	0.31	-0.79	0	0	0	0	0	0	0	0
3/18/2024 9:44	52004 LING_T2	0	1	1	0	0.7	0.7	0	0	0	0	0	0	0	0
3/18/2024 9:46	10801 CHHI_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/18/2024 9:47	65005 NEFF_T2	1	1	0	0.1	0.3	0.2	0	0	0	0	0	0	0	0
3/18/2024 9:50	67002 STHI_T2	92	361	269	0.17	0.24	0.07	0	0	0	0	0	0	0	0
3/18/2024 9:51	41902 REED_T1	3	3	0	0.97	0	-0.97	0	0	0	0	0	0	0	0
3/18/2024 9:52	67002 STHI_T2	92	361	269	0.17	0.24	0.07	0	0	0	0	0	0	0	0
3/18/2024 9:53	20401 ASHF_T2	1	1	0	0.1	0.1	0	0	0	0	0	0	0	0	0
3/18/2024 9:54	67001 STHI_T2	309	534	225	0.18	0.27	0.09	0	0	0	0	0	0	0	0
3/18/2024 9:54	20403 ASHF_T2	3	24	21	0.27	0.27	0	0	0	0	0	0	0	0	0
3/18/2024 9:56	20401 ASHF_T2	1	1	0	0.1	0.1	0	0	0	0	0	0	0	0	0
3/18/2024 9:56	10801 CHHI_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/18/2024 9:57	10801 CHHI_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/18/2024 9:59	20602 GRWO_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/18/2024 10:00	17803 GILB_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/18/2024 10:00	55002 NEWP_T1	5	7	2	0.38	0.67	0.29	0	0	0	0	0	0	0	0
3/18/2024 10:00	16101 BING_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/18/2024 10:00	40601 PIGR_T1	92	88	-4	0.18	0.23	0.05	0	0	0	0	0	0	0	0
3/18/2024 10:00	54503 ENOL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/18/2024 10:00	42903 MIDD_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/18/2024 10:00	13901 SEID_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/18/2024 10:00	12502 MITR_T2	1	1	0	6.2	6.3	0.1	0	0	0	0	0	0	0	0
3/18/2024 10:00	24105 EHAZ_T1	4	4	0	5.15	5.33	0.18	0	0	0	0	0	0	0	0
3/18/2024 10:00	42204 SHEN_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/18/2024 10:00	28604 BLYT_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/18/2024 10:00	57302 MOAL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/18/2024 10:00	48303 ORWI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/18/2024 10:00	42301 MOWR_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/18/2024 10:00	47101 MARL_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/18/2024 10:00	43202 MVIL_T2	31	53	22	0.18	0.23	0.05	0	0	0	0	0	0	0	0
3/18/2024 10:00	66301 MCGO_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/18/2024 10:00	62601 ENGL_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/18/2024 10:00	64901 MILL_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/18/2024 10:00	40505 CRES_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/18/2024 10:00	45602 WOOL_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/18/2024 10:00	45501 DERR_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/18/2024 10:00	45902 AUBU_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/18/2024 10:00	41902 REED_T1	3	0	-3	0.47	0	-0.47	0	0	0	0	0	0	0	0
3/18/2024 10:00	65001 NEFF_T2	5	9	4	0.12	0.16	0.04	0	0	0	0	0	0	0	0
3/18/2024 10:00	52001 LING_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/18/2024 10:00	44201 POIN_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/18/2024 10:00	14401 SSLA_T1	8	13	5	0.24	0.23	-0.01	0	0	0	0	0	0	0	0
3/18/2024 10:00	67603 WARW_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/18/2024 10:00	54601 SUMM_T2	8	11	3	0.34	0.49	0.15	0	0	0	0	0	0	0	0
3/18/2024 10:00	29401 BELT_T1	7	18	11	0.2	0.14	-0.06	0	0	0	0	0	0	0	0
3/18/2024 10:00	40101 HUNT_T2	26	45	19	0.48	0.35	-0.13	0	0	0	0	0	0	0	0
3/18/2024 10:00	60701 BREC_T1	1	0	-1	0.2	0	-0.2	0	0	0	0	0	0	0	0
3/18/2024 10:00	58402 MORO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/18/2024 10:00	58001 WCAR_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/18/2024 10:00	60803 BUCK_T1	0	3	3	0	0.2	0.2	0	0	0	0	0	0	0	0
3/18/2024 10:00	53903 HAU_T2	7	2	-5	0.77	1.7	0.93	0	0	0	0	0	0	0	0
3/18/2024 10:00	67402 WAKE_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/18/2024 10:00	43001 ALWD_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/18/2024 10:01	43201 MVIL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/18/2024 10:04	67001 STHI_T2	483	508	25	0.24	0.27	0.03	0	0	0	0	0	0	0	0
3/18/2024 10:04	67201 TEHI_T1	2	8	6	0.3	0.58	0.28	0	0	0	0	0	0	0	0
3/18/2024 10:04	43201 MVIL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/18/2024 10:05	40601 PIGR_T1	92	88	-4	0.18	0.23	0.05	0	0	0	0	0	0	0	0
3/18/2024 10:05	14801 TREI_T2	84	95	11	0.25	0.34	0.09	0	0	0	0	0	0	0	0
3/18/2024 10:05	43201 MVIL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/18/2024 10:06	41903 REED_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/18/2024 10:06	47101 MARL_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/18/2024 10:06	45902 AUBU_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/18/2024 10:07	67502 WEWI_T2	4	23	19	0.58	0.27	-0.31	0	0	0	0	0	0	0	0
3/18/2024 10:07	67604 WARW_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/18/2024 10:07	45901 AUBU_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/18/2024 10:07	53502 EVIL_T2	1	1	0	1.8	1.3	-0.5	0	0	0	0	0	0	0	0
3/18/2024 10:07	47101 MARL_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/18/2024 10:07	45601 WOOL_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/18/2024 10:07	29401 BELT_T1	7	18	11	0.2	0.14	-0.06	0	0	0	0	0	0	0	0
3/18/2024 10:07	26002 WDAM_T1	3	2	-1	3.6	1.25	-2.35	0	0	0	0	0	0	0	0
3/18/2024 10:07	10801 CHHI_T1	0	2	2	0	0.3	0.3	0	0	0	0	0	0	0	0
3/18/2024 10:07	40201 BEGA_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/18/2024 10:08	45501 DERR_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/18/2024 10:08	40101 HUNT_T2	26	45	19	0.48	0.35	-0.13	0	0	0	0	0	0	0	0
3/18/2024 10:08	10801 CHHI_T1	0	2	2	0	0.3	0.3	0	0	0	0	0	0	0	0
3/18/2024 10:08	67604 WARW_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/18/2024 10:08	23001 SAIO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/18/2024 10:08	67401 WAKE_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/18/2024 10:08	46002 BERW_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/18/2024 10:08	39601 LNFD_T1	0	1	1	0	0	0	0	0	0	0	0	0	0	0
3/18/2024 10:08	29402 BELT_T1	1	3	2	7.9	2.8	-5.1	0	0	0	0	0	0	0	0
3/18/2024 10:08	67002 STHI_T2	312	367	55	0.22	0.25	0.03	0	0	0	0	0	0	0	0
3/18/2024 10:08	46005 BERW_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/18/2024 10:08	67503 WEWI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/18/2024 10:09	29401 BELT_T1	7	18	11	0.2	0.14	-0.06	0	0	0	0	0	0	0	0
3/18/2024 10:09	20401 ASHF_T2	1	0	-1	0.1	0	-0.1	0	0	0	0	0	0	0	0
3/18/2024 10:09	46001 BERW_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/18/2024 10:09	67503 WEWI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/18/2024 10:09	67201 TEHI_T1	2	8	6	0.3	0.58	0.28	0	0	0	0	0	0	0	0
3/18/2024 10:09	45902 AUBU_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/18/2024 10:10	54502 ENOL_T2	1	1	0	0.8	0.7	-0.1	0	0	0	0	0	0	0	0
3/18/2024 10:10	45901 AUBU_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/18/2024 10:10	29401 BELT_T1	7	18	11	0.2	0.14	-0.06	0	0	0	0	0	0	0	0
3/18/2024 10:10	67503 WEWI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/18/2024 10:10	60201 ATGL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/18/2024 10:10	15001 BLMO_T1	2	3	1	0.2	0.47	0.27	0	0	0	0	0	0	0	0
3/18/2024 10:11	29402 BELT_T1	1	3	2	7.9	2.8	-5.1	0	0	0	0	0	0	0	0
3/18/2024 10:11	54501 ENOL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/18/2024 10:11	54501 ENOL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/18/2024 10:11	67502 WEWI_T2	4	23	19	0.58	0.27	-0.31	0	0	0	0	0	0	0	0
3/18/2024 10:11	15001 BLMO_T1	2	3	1	0.2	0.47	0.27	0	0	0	0	0	0	0	0
3/18/2024 10:11	20401 ASHF_T2	1	0	-1	0.1	0	-0.1	0	0	0	0	0	0	0	0
3/18/2024 10:11	29402 BELT_T1	1	3	2	7.9	2.8	-5.1	0	0	0	0	0	0	0	0
3/18/2024 10:12	45501 DERR_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/18/2024 10:13	41801 GOCI_T2	5	7	2	0.22	0.26	0.04	0	0	0	0	0	0	0	0
3/18/2024 10:13	54504 ENOL_T2	0	1	1	0	0.1	0.1	0	0	0	0	0	0	0	0
3/18/2024 10:13	23902 EFMO_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/18/2024 10:13	45502 DERR_T2	1	3	2	0.3	0.3	0	0	0	0	0	0	0	0	0
3/18/2024 10:13	52403 GRPA_T2	6	26	20	0.6	0.4	-0.2	0	0	0	0	0	0	0	0
3/18/2024 10:13	63401 HONY_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/18/2024 10:13	26401 INOR_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/18/2024 10:13	10801 CHHI_T1	0	2	2	0	0.3	0.3	0	0	0	0	0	0	0	0
3/18/2024 10:14	52402 GRPA_T2	2	8	6	1.55	0.8	-0.75	0	0	0	0	0	0	0	0
3/18/2024 10:14	62602 ENGL_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/18/2024 10:15	52401 GRPA_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/18/2024 10:15	52403 GRPA_T2	14	26	12	0.53	0.47	-0.06	0	0	0	0	0	0	0	0
3/18/2024 10:15	26401 INOR_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/18/2024 10:16	52403 GRPA_T2	14	26	12	0.53	0.47	-0.06	0	0	0	0	0	0	0	0
3/18/2024 10:16	59001 MIFF_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/18/2024 10:17	52502 PROG_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/18/2024 10:17	26401 INOR_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/18/2024 10:18	52402 GRPA_T2	6	9	3	0.72	0.64	-0.08	0	0	0	0	0	0	0	0
3/18/2024 10:18	65005 NEFF_T2	0	2	2	0	0.45	0.45	0	0	0	0	0	0	0	0
3/18/2024 10:18	58402 MORO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/18/2024 10:19	65002 NEFF_T2	0	0	0	0	0	0	0	0	0	0	0	0

3/18/2024 10:41	54505 ENOL_T2	2	2	0	0.8	0.95	0.15	0	0	0	0	0	0	0	0
3/18/2024 10:41	56802 BENV_T2	4	92	88	0.35	0.19	-0.16	0	0	0	0	0	0	0	0
3/18/2024 10:42	54502 ENOL_T2	1	2	1	0.6	0.5	-0.1	0	0	0	0	0	0	0	0
3/18/2024 10:42	54502 ENOL_T2	1	2	1	0.6	0.5	-0.1	0	0	0	0	0	0	0	0
3/18/2024 10:42	54505 ENOL_T2	2	2	0	0.8	0.95	0.15	0	0	0	0	0	0	0	0
3/18/2024 10:44	46205 DANV_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/18/2024 10:45	59301 MCAL_T1	2	2	0	0.5	0.8	0.3	0	0	0	0	0	0	0	0
3/18/2024 10:45	54504 ENOL_T2	0	1	1	0	0.9	0.9	0	0	0	0	0	0	0	0
3/18/2024 10:45	46801 HEPB_T2	2	2	0	0.3	0.35	0.05	0	0	0	0	0	0	0	0
3/18/2024 10:46	54502 ENOL_T2	2	1	-1	0.5	0.9	0.4	0	0	0	0	0	0	0	0
3/18/2024 10:47	61803 EELI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/18/2024 10:48	64101 REFR_T1	1	1	0	0.5	0.2	-0.3	0	0	0	0	0	0	0	0
3/18/2024 10:49	15701 TANN_T1	2	2	0	2.4	2.6	0.2	0	0	0	0	0	0	0	0
3/18/2024 10:49	59001 MIFF_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/18/2024 10:49	67001 STHI_T2	606	645	39	0.3	0.3	0	0	0	0	0	0	0	0	0
3/18/2024 10:49	64101 REFR_T1	1	1	0	0.5	0.2	-0.3	0	0	0	0	0	0	0	0
3/18/2024 10:50	27503 WEIS_T2	1	1	0	0.5	0.5	0	0	0	0	0	0	0	0	0
3/18/2024 10:50	67001 STHI_T2	606	645	39	0.3	0.3	0	0	0	0	0	0	0	0	0
3/18/2024 10:52	66505 SMAN_T2	1	2	1	0.1	0.15	0.05	0	0	0	0	0	0	0	0
3/18/2024 10:52	67002 STHI_T2	383	385	2	0.28	0.29	0.01	0	0	0	0	0	0	0	0
3/18/2024 10:53	63803 HEMP_T1	1	2	1	0.3	0.15	-0.15	0	0	0	0	0	0	0	0
3/18/2024 10:53	44302 BEAV_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/18/2024 10:53	60803 BUCK_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/18/2024 10:54	60201 ATGL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/18/2024 10:54	13502 MCMI_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/18/2024 10:54	44301 BEAV_T2	3	2	-1	0.8	0.4	-0.4	0	0	0	0	0	0	0	0
3/18/2024 10:55	53502 EVIL_T2	1	1	0	0.6	0.2	-0.4	0	0	0	0	0	0	0	0
3/18/2024 10:55	44302 BEAV_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/18/2024 10:56	63802 HEMP_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/18/2024 10:57	44302 BEAV_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/18/2024 10:57	28701 HAML_T2	0	1	1	0	0	0	0	0	0	0	0	0	0	0
3/18/2024 10:57	17801 GILB_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/18/2024 10:57	53502 EVIL_T2	1	1	0	0.6	0.2	-0.4	0	0	0	0	0	0	0	0
3/18/2024 10:57	60201 ATGL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/18/2024 10:58	17803 GILB_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/18/2024 10:58	46801 HEPB_T2	2	2	0	0.3	0.35	0.05	0	0	0	0	0	0	0	0
3/18/2024 10:59	53502 EVIL_T2	1	1	0	0.6	0.2	-0.4	0	0	0	0	0	0	0	0
3/18/2024 11:00	50102 HARR_T3	7	5	-2	0.13	0.14	0.01	0	0	0	0	0	0	0	0
3/18/2024 11:00	46203 DANV_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/18/2024 11:00	17805 GILB_T2	1	1	0	0.2	0.2	0	0	0	0	0	0	0	0	0
3/18/2024 11:01	25404 LAHA_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/18/2024 11:03	47002 HUGH_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/18/2024 11:03	54001 SDLE_T1	4	4	0	0.78	0.75	-0.03	0	0	0	0	0	0	0	0
3/18/2024 11:04	14404 SSLA_T1	97	161	64	0.26	0.25	-0.01	0	0	0	0	0	0	0	0
3/18/2024 11:04	54001 SDLE_T1	4	4	0	0.78	0.75	-0.03	0	0	0	0	0	0	0	0
3/18/2024 11:04	52002 LING_T2	1	1	0	0.4	0.3	-0.1	0	0	0	0	0	0	0	0
3/18/2024 11:08	29401 BELT_T1	6	22	16	0.23	0.14	-0.09	0	0	0	0	0	0	0	0
3/18/2024 11:08	54001 SDLE_T1	4	4	0	0.78	0.75	-0.03	0	0	0	0	0	0	0	0
3/18/2024 11:09	56802 BENV_T2	90	45	-45	0.19	0.19	0	0	0	0	0	0	0	0	0
3/18/2024 11:10	56802 BENV_T2	90	45	-45	0.19	0.19	0	0	0	0	0	0	0	0	0
3/18/2024 11:10	10801 CHHI_T1	3	4	1	0.33	0.65	0.32	0	0	0	0	0	0	0	0
3/18/2024 11:10	55103 WERT_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/18/2024 11:11	56802 BENV_T2	90	45	-45	0.19	0.19	0	0	0	0	0	0	0	0	0
3/18/2024 11:12	41802 GOCI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/18/2024 11:12	40101 HUNT_T2	40	14	-26	0.47	0.15	-0.32	0	0	0	0	0	0	0	0
3/18/2024 11:12	56802 BENV_T2	90	45	-45	0.19	0.19	0	0	0	0	0	0	0	0	0
3/18/2024 11:13	29402 BELT_T1	2	1	-1	4.2	8	3.8	0	0	0	0	0	0	0	0
3/18/2024 11:14	46201 DANV_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/18/2024 11:14	46803 HEPB_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/18/2024 11:14	61803 EELI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/18/2024 11:14	40101 HUNT_T2	40	14	-26	0.47	0.15	-0.32	0	0	0	0	0	0	0	0
3/18/2024 11:15	10801 CHHI_T1	2	4	2	0.55	0.65	0.1	0	0	0	0	0	0	0	0
3/18/2024 11:15	40101 HUNT_T2	14	3	-11	0.27	0	-0.27	0	0	0	0	0	0	0	0
3/18/2024 11:17	52503 PROG_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/18/2024 11:18	46302 ROHR_T1	4	2	-2	1.75	3.2	1.45	0	0	0	0	0	0	0	0
3/18/2024 11:19	46302 ROHR_T1	4	2	-2	1.75	3.2	1.45	0	0	0	0	0	0	0	0
3/18/2024 11:19	55002 NEWP_T1	5	5	0	0.44	0.72	0.28	0	0	0	0	0	0	0	0
3/18/2024 11:20	17002 RIRO_T2	3	5	2	0.83	0.5	-0.33	0	0	0	0	0	0	0	0
3/18/2024 11:21	67001 STHI_T2	633	833	200	0.3	0.3	0	0	0	0	0	0	0	0	0
3/18/2024 11:21	55002 NEWP_T1	5	5	0	0.44	0.72	0.28	0	0	0	0	0	0	0	0
3/18/2024 11:21	57401 SPAN_T1	2	2	0	0.95	1.05	0.1	0	0	0	0	0	0	0	0
3/18/2024 11:21	15704 TANN_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/18/2024 11:22	61102 BERK_T5	1	2	1	0.2	0.25	0.05	0	0	0	0	0	0	0	0
3/18/2024 11:22	65003 NEFF_T2	5	6	1	0.28	0.25	-0.03	0	0	0	0	0	0	0	0
3/18/2024 11:22	67002 STHI_T2	365	433	68	0.27	0.32	0.05	0	0	0	0	0	0	0	0
3/18/2024 11:22	61103 BERK_T5	3	9	6	0.13	0.22	0.09	0	0	0	0	0	0	0	0
3/18/2024 11:23	67502 WEWI_T2	2	2	0	1.05	1.35	0.3	0	0	0	0	0	0	0	0
3/18/2024 11:23	45601 WOOL_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/18/2024 11:23	45902 AUBU_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/18/2024 11:23	67001 STHI_T2	633	833	200	0.3	0.3	0	0	0	0	0	0	0	0	0
3/18/2024 11:23	60201 ATGL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/18/2024 11:24	20402 ASHF_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/18/2024 11:24	45901 AUBU_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/18/2024 11:24	61101 BERK_T5	2	8	6	0.3	0.26	-0.04	0	0	0	0	0	0	0	0
3/18/2024 11:25	45902 AUBU_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/18/2024 11:25	58006 WCAR_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/18/2024 11:25	20401 ASHF_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/18/2024 11:25	41602 CLEV_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/18/2024 11:26	10801 CHHI_T1	2	4	2	0.55	0.65	0.1	0	0	0	0	0	0	0	0
3/18/2024 11:26	61101 BERK_T5	2	8	6	0.3	0.26	-0.04	0	0	0	0	0	0	0	0
3/18/2024 11:26	45601 WOOL_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/18/2024 11:26	56802 BENV_T2	45	57	12	0.18	0.18	0	0	0	0	0	0	0	0	0
3/18/2024 11:27	54502 ENOL_T2	1	2	1	0.6	0.4	-0.2	0	0	0	0	0	0	0	0
3/18/2024 11:28	52004 LING_T2	2	3	1	0.2	0.53	0.33	0	0	0	0	0	0	0	0
3/18/2024 11:28	41601 CLEV_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/18/2024 11:29	24104 EHAZ_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/18/2024 11:29	45602 WOOL_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/18/2024 11:30	54505 ENOL_T2	1	3	2	1.1	0.57	-0.53	0	0	0	0	0	0	0	0
3/18/2024 11:31	45601 WOOL_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/18/2024 11:31	10801 CHHI_T1	4	3	-1	0.65	0.4	-0.25	0	0	0	0	0	0	0	0
3/18/2024 11:33	16101 BING_T2	2	0	-2	0.6	0	-0.6	0	0	0	0	0	0	0	0
3/18/2024 11:33	64902 MILL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/18/2024 11:34	24102 EHAZ_T1	6	7	1	1.3	0.5	-0.8	0	0	0	0	0	0	0	0
3/18/2024 11:34	67001 STHI_T2	764	822	58	0.31	0.31	0	0	0	0	0	0	0	0	0
3/18/2024 11:35	41901 REED_T1	3	7	4	0.17	0.19	0.02	0	0	0	0	0	0	0	0
3/18/2024 11:36	41902 REED_T1	0	3	3	0	0	0	0	0	0	0	0	0	0	0
3/18/2024 11:36	26002 WDAM_T1	2	3	1	1.9	0.2	-1.7	0	0	0	0	0	0	0	0
3/18/2024 11:36	57403 SPAN_T1	7	8	1	0.47	0.43	-0.04	0	0	0	0	0	0	0	0
3/18/2024 11:37	67604 WARW_T1	1	3	2	0.2	0.3	0.1	0	0	0	0	0	0	0	0
3/18/2024 11:37	57401 SPAN_T1	2	2	0	0.85	1.25	0.4	0	0	0	0	0	0	0	0
3/18/2024 11:37	67002 STHI_T2	408	436	28	0.3	0.32	0.02	0	0	0	0	0	0	0	0
3/18/2024 11:38	26002 WDAM_T1	2	3	1	1.9	0.2	-1.7	0	0	0	0	0	0	0	0
3/18/2024 11:38	59102 WALK_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/18/2024 11:38	43001 ALWD_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/18/2024 11:39	24102 EHAZ_T1	6	7	1	1.3	0.5	-0.8	0	0	0	0	0	0	0	0
3/18/2024 11:39	67002 STHI_T2	408	436	28	0.3	0.32	0.02	0	0	0	0	0	0	0	0
3/18/2024 11:40	60801 BUCK_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/18/2024 11:40	67603 WARW_T1	0	3	3	0	0.53	0.53	0	0	0	0	0	0	0	0
3/18/2024 11:40	13503 MCMI_T2	178	254	76	0.36	0.55	0.19	0	0	0	0	0	0	0	0
3/18/2024 11:41	64204 KINZ_T1	1	1	0	1	0.6	-0.4	0	0	0	0	0	0	0	0
3/18/2024 11:41	60101 COCA_T1	2	3	1	0.2	0.23	0.03	0	0	0	0	0	0	0	0
3/18/2024 11:42	10801 CHHI_T1	4	3	-1	0.65	0.4	-0.25	0	0	0	0	0	0	0	0
3/18/2024 11:43	60102 COCA_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/18/2024 11:43	26402 INOR_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/18/2024 11:44	24102 EHAZ_T1	6	7	1	1.3	0.5	-0.8	0	0	0	0	0	0	0	0
3/18/2024 11:44	26402 INOR_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/18/2024 11:44	42102 FRAI_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/18/2024 11:45	13501 MCMI_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/18/2024 11:45	13503 MCMI_T2	239	241	2	0.52	0.52	0	0	0	0	0	0	0	0	0
3/18/2024 11:46	63404 HONY_T1	0	2	2	0	0.15	0.15	0	0	0	0	0	0	0	0
3/18/2024 11:46	26402 INOR_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/18/2024 11:46	13503 MCMI_T2	239	241	2	0.52	0.52	0	0	0	0	0	0	0	0	0
3/18/2024 11:47	13502 MCMI_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/18/2024 11:47	10801 CHHI_T1	2	5	3	0.55	0.6	0.05	0	0	0	0	0	0	0	0
3/18/2024 11:47	58401 MORO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/18/2024 11:47	64303 LINC_T1	1	1	0	0.8	0.4	-0.4	0	0	0	0	0	0	0	0
3/18/2024 11:48	58402 MORO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/18/2024 11:48	58402 MORO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/18/2024 11:48	13502 MCMI_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/18/2024 11:48	46803 HEPB_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/18/2024 11:48	13503 MCMI_T2	239	241	2	0.52	0.52	0	0	0	0	0	0	0	0	0
3/18/2024 11:49	67001 STHI_T2	785	670	-115	0.29	0.34	0.05	0	0	0	0	0	0	0	0
3/18/2024 11:50	42803 SELI_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/18/2024 11:50	67002 STHI_T2	406	408	2	0.32	0.32	0	0	0	0	0	0	0	0	0
3/18/2024 11:51	41902 REED_T1	3	0	-3	0.6	0	-0.6	0	0	0	0	0	0	0	0
3/18/2024 11:52	41901 REED_T1	2	8	6	0.2	0.18	-0.02	0	0	0	0	0	0	0	0
3/18/2024 11:52	26002 WDAM_T1	3	0	-3	0.77	0	-0.77	0	0	0	0	0	0	0	0
3/18/2024 11:53	67002 STHI_T2	406	408	2	0.32	0.32	0	0	0	0	0	0	0	0	0
3/18/2024 11:53	67604 WARW_T1	0	4	4	0	0.55	0.55	0	0	0	0	0	0	0	0
3/18/2024 11:53	67502 WEWI_T2	2	9	7	1.25	0.52	-0.73	0	0	0	0	0	0	0	0
3/18/2024 11:53	44301 BEAV_T2	1	0	-1	1	0	-1	0	0	0	0	0	0	0	0
3/18/2024 11:53	61102 BERK_T5	2	6	4	0.2	0.37	0.17	0	0	0	0	0	0	0	0
3/18/2024 11:53	42803 SELI_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/18/2024 11:54	59101 WALK_T2	0	4	4	0	0.13	0.13	0	0	0	0	0	0	0	0
3/18/2024 11:54	67002 STHI_T2	406	408	2	0.32	0.32	0	0	0	0	0	0	0	0	0
3/18/2024 11:54	44301 BEAV_T2	1	0	-1	1	0	-1	0	0	0	0	0	0	0	0
3/18/2024 11:54	67502 WEWI_T2	2	9	7	1.25	0.52	-0.73	0	0	0	0	0	0	0	0
3/18/2024 11:54	43001 ALWD_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/18/2024 11:54	67503 WEWI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/18/2024 11:54	26002 WDAM_T1	3	0	-3	0.77	0	-0.77	0	0	0	0	0	0	0	0
3/18/2024 11:54	42701 AUGU_T1	1	1	0	0.5	0.7	0.2	0	0	0	0	0	0	0	0
3/18/2024 11:55	67604 WARW_T1	0	4	4	0	0.55	0.55	0	0	0	0	0	0	0	0
3/18/2024 11:55	61101 BERK_T5	8	7	-1	0.26	0.17	-0.09	0	0	0	0	0	0	0	0
3/18/2024 11:55	42701 AUGU_T1	1	1	0	0.5	0.7	0.2	0	0	0	0	0	0	0	0
3/18/2024 11:55	67502 WEWI_T2	2	9	7	1.25	0.52	-0.73	0	0	0	0	0	0	0	0
3/18/2024 11:56	44301 BEAV_T2	1	0	-1	1	0	-1	0	0	0	0	0	0	0	0
3/18/2024 11:56	46205 DANV_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/18/2024 11:56	17805 GILB_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/18/2024 11:57	17803 GILB_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/18/2024 11:57	10801 CHHI_T1	2	5	3	0.55	0.6	0.05	0	0	0	0	0	0	0	0
3/18/2024 11:57	60101 COCA_T1	2	4	2	0.2	0.4	0.2	0	0	0	0	0	0	0	0
3/18/2024 11:57	44302 BEAV_T2	0	10	10	0	0.14	0.14	0	0	0	0	0	0	0	0
3/18/2024 11:58	10801 CHHI_T1	2	5	3	0.55	0.6	0.05	0	0	0	0	0	0	0	0
3/18/2024 11:58	46203 DANV_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/18/2024 11:58	60102 COCA_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/18/2024 11:59	46803 HEPB_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/18/2024 12:00	13502 MCMI_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/18/2024 12:00	17801 GILB_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/18/2024 12:00	28703 HAML_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/18/2024 12:00	13503 MCMI_T2	231	204	-27	0.53	0.4	-0.13	0	0	0	0	0	0	0	0
3/18/2024 12:00	42102 FRAI_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/18/2024 12:01	46803 HEPB_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/18/2024 12:01	17803 GILB_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
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Appendix C - Grid Benefits Achieved in Each Instance of Active Management

3/18/2024 12:18	65801 RTWN_T1	2	2	0	0.4	0.5	0.1	0	0	0	0	0	0	0
3/18/2024 12:18	10801 CHHI_T1	4	2	-2	0.73	0.75	0.02	0	0	0	0	0	0	0
3/18/2024 12:19	42201 SHEN_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
3/18/2024 12:20	65004 NEFF_T2	8	9	1	0.3	0.4	0.1	0	0	0	0	0	0	0
3/18/2024 12:22	14403 SSLA_T1	12	18	6	0.38	0.44	0.06	0	0	0	0	0	0	0
3/18/2024 12:23	10801 CHHI_T1	4	2	-2	0.73	0.75	0.02	0	0	0	0	0	0	0
3/18/2024 12:25	26402 INOR_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
3/18/2024 12:25	42701 AUGU_T1	1	1	0	0.7	0.9	0.2	0	0	0	0	0	0	0
3/18/2024 12:26	24102 EHAZ_T1	2	3	1	0.3	0.1	-0.2	0	0	0	0	0	0	0
3/18/2024 12:27	42701 AUGU_T1	1	1	0	0.7	0.9	0.2	0	0	0	0	0	0	0
3/18/2024 12:29	10801 CHHI_T1	4	2	-2	0.73	0.75	0.02	0	0	0	0	0	0	0
3/18/2024 12:32	24104 EHAZ_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
3/18/2024 12:36	26001 WDAM_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
3/18/2024 12:37	67603 WARW_T1	2	1	-1	0.75	0.4	-0.35	0	0	0	0	0	0	0
3/18/2024 12:41	61101 BERK_T5	7	4	-3	0.29	0.4	0.11	0	0	0	0	0	0	0
3/18/2024 12:42	61103 BERK_T5	3	4	1	0.17	0.23	0.06	0	0	0	0	0	0	0
3/18/2024 12:49	65804 RTWN_T1	3	3	0	0.8	0.9	0.1	0	0	0	0	0	0	0
3/18/2024 12:49	44601 SALE_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
3/18/2024 12:51	26001 WDAM_T1	0	1	1	0	0	0	0	0	0	0	0	0	0
3/18/2024 12:51	52403 GRPA_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
3/18/2024 12:52	44601 SALE_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
3/18/2024 12:58	17802 GILB_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
3/18/2024 12:59	17804 GILB_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
3/18/2024 12:59	60803 BUCK_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
3/18/2024 13:00	17803 GILB_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
3/18/2024 13:05	65801 RTWN_T1	2	2	0	0.55	0.6	0.05	0	0	0	0	0	0	0
3/18/2024 13:10	16302 ALPA_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
3/18/2024 13:35	14801 TREI_T2	70	5	-65	0.24	0.46	0.22	0	0	0	0	0	0	0
3/18/2024 13:36	63404 HONY_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
3/18/2024 13:37	64203 KINZ_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
3/18/2024 13:42	10801 CHHI_T1	2	6	4	0.35	0.43	0.08	0	0	0	0	0	0	0
3/18/2024 13:47	10801 CHHI_T1	1	6	5	0.2	0.52	0.32	0	0	0	0	0	0	0
3/18/2024 13:48	41903 REED_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
3/18/2024 13:49	65001 NEFF_T2	209	249	40	0.21	0.38	0.17	0	0	0	0	0	0	0
3/18/2024 13:49	58402 MORO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
3/18/2024 13:50	44601 SALE_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
3/18/2024 13:52	44601 SALE_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
3/18/2024 13:53	46701 RENO_T1	4	64	60	2.15	0.28	-1.87	0	0	0	0	0	0	0
3/18/2024 13:58	10801 CHHI_T1	1	6	5	0.2	0.52	0.32	0	0	0	0	0	0	0
3/18/2024 14:03	10801 CHHI_T1	6	5	-1	0.43	0.54	0.11	0	0	0	0	0	0	0
3/18/2024 14:03	17002 RIRO_T2	8	13	5	0.28	0.24	-0.04	0	0	0	0	0	0	0
3/18/2024 14:04	46803 HEPB_T2	0	1	1	0	0.1	0.1	0	0	0	0	0	0	0
3/18/2024 14:04	42202 SHEN_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
3/18/2024 14:04	46301 ROHR_T1	160	120	-40	0.33	0.28	-0.05	0	0	0	0	0	0	0
3/18/2024 14:04	15701 TANN_T1	2	2	0	2.5	2.6	0.1	0	0	0	0	0	0	0
3/18/2024 14:08	10801 CHHI_T1	6	5	-1	0.43	0.54	0.11	0	0	0	0	0	0	0
3/18/2024 14:08	60201 ATGL_T2	0	1	1	0	0.1	0.1	0	0	0	0	0	0	0
3/18/2024 14:08	45901 AUBU_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
3/18/2024 14:09	10801 CHHI_T1	6	5	-1	0.43	0.54	0.11	0	0	0	0	0	0	0
3/18/2024 14:09	67603 WARW_T1	0	2	2	0	0.4	0.4	0	0	0	0	0	0	0
3/18/2024 14:09	46702 RENO_T1	0	33	33	0	0.14	0.14	0	0	0	0	0	0	0
3/18/2024 14:09	45902 AUBU_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
3/18/2024 14:10	45901 AUBU_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
3/18/2024 14:10	60102 COCA_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
3/18/2024 14:11	60201 ATGL_T2	0	1	1	0	0.1	0.1	0	0	0	0	0	0	0
3/18/2024 14:11	45902 AUBU_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
3/18/2024 14:12	54501 ENOL_T2	7	8	1	0.24	0.51	0.27	0	0	0	0	0	0	0
3/18/2024 14:12	60101 COCA_T1	2	4	2	0.35	0.18	-0.17	0	0	0	0	0	0	0
3/18/2024 14:12	67603 WARW_T1	0	2	2	0	0.4	0.4	0	0	0	0	0	0	0
3/18/2024 14:12	46203 DANV_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
3/18/2024 14:12	54506 ENOL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
3/18/2024 14:12	46302 ROHR_T1	7	6	-1	1.27	1.65	0.38	0	0	0	0	0	0	0
3/18/2024 14:13	46302 ROHR_T1	7	6	-1	1.27	1.65	0.38	0	0	0	0	0	0	0
3/18/2024 14:13	46301 ROHR_T1	160	120	-40	0.33	0.28	-0.05	0	0	0	0	0	0	0
3/18/2024 14:13	54504 ENOL_T2	1	2	1	0.3	0.25	-0.05	0	0	0	0	0	0	0
3/18/2024 14:14	54503 ENOL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
3/18/2024 14:14	54501 ENOL_T2	7	8	1	0.24	0.51	0.27	0	0	0	0	0	0	0
3/18/2024 14:14	13502 MCMI_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
3/18/2024 14:14	17805 GILB_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
3/18/2024 14:14	10801 CHHI_T1	6	5	-1	0.43	0.54	0.11	0	0	0	0	0	0	0
3/18/2024 14:15	13501 MCMI_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
3/18/2024 14:15	40101 HUNT_T2	17	9	-8	0.31	0.1	-0.21	0	0	0	0	0	0	0
3/18/2024 14:15	13503 MCMI_T2	142	273	131	0.33	0.37	0.04	0	0	0	0	0	0	0
3/18/2024 14:16	54504 ENOL_T2	2	1	-1	0.25	0.9	0.65	0	0	0	0	0	0	0
3/18/2024 14:16	43202 MVIL_T2	63	71	8	0.66	0.74	0.08	0	0	0	0	0	0	0
3/18/2024 14:16	45902 AUBU_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
3/18/2024 14:16	40101 HUNT_T2	17	9	-8	0.31	0.1	-0.21	0	0	0	0	0	0	0
3/18/2024 14:16	43202 MVIL_T2	63	71	8	0.66	0.74	0.08	0	0	0	0	0	0	0
3/18/2024 14:17	59002 MIFF_T1	1	1	0	0.1	0.2	0.1	0	0	0	0	0	0	0
3/18/2024 14:17	43201 MVIL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
3/18/2024 14:17	13502 MCMI_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
3/18/2024 14:17	13503 MCMI_T2	142	273	131	0.33	0.37	0.04	0	0	0	0	0	0	0
3/18/2024 14:18	13503 MCMI_T2	142	273	131	0.33	0.37	0.04	0	0	0	0	0	0	0
3/18/2024 14:19	59002 MIFF_T1	1	1	0	0.1	0.2	0.1	0	0	0	0	0	0	0
3/18/2024 14:19	17002 RIRO_T2	8	13	5	0.19	0.21	0.02	0	0	0	0	0	0	0
3/18/2024 14:19	13501 MCMI_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
3/18/2024 14:19	41903 REED_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
3/18/2024 14:19	13503 MCMI_T2	142	273	131	0.33	0.37	0.04	0	0	0	0	0	0	0
3/18/2024 14:20	67103 SPRI_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
3/18/2024 14:20	47403 PENS_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
3/18/2024 14:21	59101 WALK_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
3/18/2024 14:21	67002 STHI_T2	342	378	36	0.22	0.26	0.04	0	0	0	0	0	0	0
3/18/2024 14:21	47403 PENS_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
3/18/2024 14:21	67502 WEWI_T2	2	3	1	1.05	0.5	-0.55	0	0	0	0	0	0	0
3/18/2024 14:22	45901 AUBU_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
3/18/2024 14:22	16302 ALPA_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
3/18/2024 14:22	45901 AUBU_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
3/18/2024 14:22	67502 WEWI_T2	2	3	1	1.05	0.5	-0.55	0	0	0	0	0	0	0
3/18/2024 14:22	40603 PIGR_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
3/18/2024 14:22	26001 WDAM_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
3/18/2024 14:22	66501 SMAN_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
3/18/2024 14:22	67002 STHI_T2	342	378	36	0.22	0.26	0.04	0	0	0	0	0	0	0
3/18/2024 14:22	67603 WARW_T1	2	2	0	0.35	0.25	-0.1	0	0	0	0	0	0	0
3/18/2024 14:23	16302 ALPA_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
3/18/2024 14:24	67503 WEWI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
3/18/2024 14:24	64201 KINZ_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
3/18/2024 14:24	44302 BEAV_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
3/18/2024 14:24	10801 CHHI_T1	4	4	0	0.48	0.63	0.15	0	0	0	0	0	0	0
3/18/2024 14:24	45902 AUBU_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
3/18/2024 14:24	16302 ALPA_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
3/18/2024 14:25	26002 WDAM_T1	1	2	1	0.1	0.95	0.85	0	0	0	0	0	0	0
3/18/2024 14:25	46702 RENO_T1	33	1	-32	0.14	0.2	0.06	0	0	0	0	0	0	0
3/18/2024 14:25	67001 STHI_T2	499	544	45	0.28	0.27	-0.01	0	0	0	0	0	0	0
3/18/2024 14:25	67503 WEWI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
3/18/2024 14:25	10801 CHHI_T1	4	4	0	0.48	0.63	0.15	0	0	0	0	0	0	0
3/18/2024 14:26	45901 AUBU_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
3/18/2024 14:26	67502 WEWI_T2	2	3	1	1.05	0.5	-0.55	0	0	0	0	0	0	0
3/18/2024 14:26	43001 ALWD_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
3/18/2024 14:27	17801 GILB_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
3/18/2024 14:27	24103 EHAZ_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
3/18/2024 14:27	45902 AUBU_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
3/18/2024 14:27	43001 ALWD_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
3/18/2024 14:27	67502 WEWI_T2	2	3	1	1.05	0.5	-0.55	0	0	0	0	0	0	0
3/18/2024 14:28	46204 DANV_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
3/18/2024 14:28	60801 BUCK_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
3/18/2024 14:28	17803 GILB_T2	2	1	-2	0.1	0	-0.1	0	0	0	0	0	0	0
3/18/2024 14:29	54504 ENOL_T2	2	1	-1	0.25	0.9	0.65	0	0	0	0	0	0	0
3/18/2024 14:29	17805 GILB_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
3/18/2024 14:29	10801 CHHI_T1	4	4	0	0.48	0.63	0.15	0	0	0	0	0	0	0
3/18/2024 14:30	17805 GILB_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
3/18/2024 14:30	54506 ENOL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
3/18/2024 14:30	41801 GOCI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
3/18/2024 14:30	13501 MCMI_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
3/18/2024 14:30	46204 DANV_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
3/18/2024 14:30	46803 HEPB_T2	1	1	0	0.1	0.1	0	0	0	0	0	0	0	0
3/18/2024 14:31	41801 GOCI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
3/18/2024 14:31	13503 MCMI_T2	195	265	70	0.38	0.35	-0.03	0	0	0	0	0	0	0
3/18/2024 14:31	43201 MVIL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
3/18/2024 14:31	13502 MCMI_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
3/18/2024 14:32	24104 EHAZ_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
3/18/2024 14:32	43202 MVIL_T2	71	63	-8	0.74	0.57	-0.17	0	0	0	0	0	0	0
3/18/2024 14:32	43202 MVIL_T2	71	63	-8	0.74	0.57	-0.17	0	0	0	0	0	0	0
3/18/2024 14:32	45901 AUBU_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
3/18/2024 14:32	13503 MCMI_T2	195	265	70	0.38	0.35	-0.03	0	0	0	0	0	0	0
3/18/2024 14:33	43201 MVIL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
3/18/2024 14:33	59003 MIFF_T1	0	1	1	0	0.6	0.6	0	0	0	0	0	0	0
3/18/2024 14:33	13503 MCMI_T2	195	265	70	0.38	0.35	-0.03	0	0	0	0	0	0	0
3/18/2024 14:33	13501 MCMI_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
3/18/2024 14:34	13503 MCMI_T2	195	265	70	0.38	0.35	-0.03	0	0	0	0	0	0	0
3/18/2024 14:34	44601 SALE_T2	0	2	2	0	0.2	0.2	0	0	0	0	0	0	0
3/18/2024 14:34	17002 RIRO_T2	12	11	-1	0.22	0.16	-0.06	0	0	0	0	0	0	0
3/18/2024 14:35	57403 SPAN_T1	11	21	10	0.34	0.33	-0.01	0	0	0	0	0	0	0
3/18/2024 14:35	59002 MIFF_T1	0	6	6	0	0.53	0.53	0	0	0	0	0	0	0
3/18/2024 14:35	15701 TANN_T1	2	2	0	2.45	2.7	0.25	0	0	0	0	0	0	0
3/18/2024 14:35	13501 MCMI_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
3/18/2024 14:35	41902 REED_T1	1	3	2	0.2	0	-0.2	0	0	0	0	0	0	0
3/18/2024 14:36	67103 SPRI_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
3/18/2024 14:36	67001 STHI_T2	543	268	-275	0.27	0.16	-0.11	0	0	0	0	0	0	0
3/18/2024 14:36	58401 MORO_T1	1	0	-1	0.1	0	-0.1	0	0	0	0	0	0	0
3/18/2024 14:36	57401 SPAN_T1	2	2	0	0.75	1.15	0.4	0	0	0	0	0	0	0
3/18/2024 14:37	59102 WALK_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
3/18/2024 14:37	44601 SALE_T2	0	2	2	0	0.2	0.2	0	0	0	0	0	0	0
3/18/2024 14:37	45601 WOOL_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
3/18/2024 14:37	60201 ATGL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
3/18/2024 14:37	67502 WEWI_T2	3	4	1	0.5	0.3	-0.2	0	0	0	0	0	0	0
3/18/2024 14:37	67002 STHI_T2	378	119	-259	0.26	0.22	-0.04	0	0	0	0	0	0	0
3/18/2024 14:37	45902 AUBU_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
3/18/2024 14:37	67503 WEWI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
3/18/2024 14:37	16302 ALPA_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
3/18/2024 14:38	67603 WARW_T1	2	0	-2	0.25	0	-0.25	0	0	0	0	0	0	0
3/18/2024 14:38	67503 WEWI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
3/18/2024 14:38	46004 BERW_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
3/18/2024 14:38	45901 AUBU_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
3/18/2024 14:38	29402 BELT_T1	1	2	1	8.2	4.2	-4	0	0	0	0	0	0	0
3/18/2024 14:38	67001 STHI_T2	543	268	-275	0.27	0.16	-0.11	0	0	0	0	0	0	0
3/18/2024 14:38	16302 ALPA_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
3/18/2024 14:38	60201 ATGL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
3/18/2024 14:39	60803 BUCK_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
3/18/2024 14:39	56803 BENV_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
3/18/2024 14:39	29401 BELT_T1	55	64	9	0.22	0.28	0.06	0	0	0	0	0	0	0
3/18/2024 14:39	45901 AUBU_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
3/18/2024 14:40	46206 DANV_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
3/18/2024 14:40	16302 ALPA_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
3/18/2024 14:40	56801 BENV_T1	22	23	1	0.53	0.43	-0.1	0	0	0	0	0	0	0
3/18/2024 14:40	10801 CHHI_T1	4	3	-1	0.63	0.27	-0.36	0	0	0	0	0	0	0
3/18/2024 14:40	64201 KINZ_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
3/18/2024 14:40	67503 WEWI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
3/18/2024 14:40	45902 AUBU_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
3/18/2024 14:40	45601 WOOL_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
3/18/2024 14:40	67605 WARW_T1	37	48	11	0.66	0.6	-0.06	0	0	0	0	0	0	0
3/18/2024 14:40	26001 WDAM_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
3/18/2024 14:41	16301 ALPA_T1	24	106	82	0.16	0.17	0.01	0	0	0	0	0	0	0
3/18/2024 14:41	26002 WDAM_T1	2	2	0	0.4	0.95	0.55	0	0

3/18/2024 14:47	58402 MORO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/18/2024 14:47	13502 MCMI_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/18/2024 14:47	43202 MVIL_T2	58	65	7	0.52	0.74	0.22	0	0	0	0	0	0	0	0
3/18/2024 14:47	40101 HUNT_T2	3	4	1	0.23	0.1	-0.13	0	0	0	0	0	0	0	0
3/18/2024 14:48	40602 PIGR_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/18/2024 14:48	59001 MIFF_T1	0	13	13	0	0.16	0.16	0	0	0	0	0	0	0	0
3/18/2024 14:48	24102 EHAZ_T1	1	1	0	0.1	0	-0.1	0	0	0	0	0	0	0	0
3/18/2024 14:48	46301 ROHR_T1	162	168	6	0.3	0.34	0.04	0	0	0	0	0	0	0	0
3/18/2024 14:48	43201 MVIL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/18/2024 14:48	43201 MVIL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/18/2024 14:49	13503 MCMI_T2	265	66	-199	0.35	0.26	-0.09	0	0	0	0	0	0	0	0
3/18/2024 14:50	41903 REED_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/18/2024 14:50	13503 MCMI_T2	265	66	-199	0.35	0.26	-0.09	0	0	0	0	0	0	0	0
3/18/2024 14:51	46301 ROHR_T1	162	168	6	0.3	0.34	0.04	0	0	0	0	0	0	0	0
3/18/2024 14:51	41901 REED_T1	6	9	3	0.22	0.39	0.17	0	0	0	0	0	0	0	0
3/18/2024 14:52	42701 AUGU_T1	1	1	0	1	1.1	0.1	0	0	0	0	0	0	0	0
3/18/2024 14:53	60701 BREC_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/18/2024 14:53	45902 AUBU_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/18/2024 14:53	45602 WOOL_T1	2	2	0	0.5	0.6	0.1	0	0	0	0	0	0	0	0
3/18/2024 14:54	42701 AUGU_T1	1	1	0	1	1.1	0.1	0	0	0	0	0	0	0	0
3/18/2024 14:55	60701 BREC_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/18/2024 14:56	45602 WOOL_T1	2	2	0	0.5	0.6	0.1	0	0	0	0	0	0	0	0
3/18/2024 14:57	54501 ENOL_T2	8	6	-2	0.61	0.3	-0.31	0	0	0	0	0	0	0	0
3/18/2024 14:57	65001 NEFF_T2	230	251	21	0.24	0.43	0.19	0	0	0	0	0	0	0	0
3/18/2024 14:57	23901 EFMO_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/18/2024 14:58	54502 ENOL_T2	1	3	2	0.3	0.33	0.03	0	0	0	0	0	0	0	0
3/18/2024 14:58	45602 WOOL_T1	2	2	0	0.5	0.6	0.1	0	0	0	0	0	0	0	0
3/18/2024 14:59	54501 ENOL_T2	8	6	-2	0.61	0.3	-0.31	0	0	0	0	0	0	0	0
3/18/2024 14:59	45902 AUBU_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/18/2024 15:00	54503 ENOL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/18/2024 15:01	45601 WOOL_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/18/2024 15:01	25501 MADI_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/18/2024 15:02	42002 MNVL_T2	1	1	0	5.6	5.1	-0.5	0	0	0	0	0	0	0	0
3/18/2024 15:07	45402 WBLO_T2	40	42	2	0.25	0.25	0	0	0	0	0	0	0	0	0
3/18/2024 15:08	65002 NEFF_T2	8	8	0	0.13	0.14	0.01	0	0	0	0	0	0	0	0
3/18/2024 15:09	45901 AUBU_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/18/2024 15:09	46701 RENO_T1	104	81	-23	0.31	0.34	0.03	0	0	0	0	0	0	0	0
3/18/2024 15:12	18001 ZION_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/18/2024 15:12	23902 EFMO_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/18/2024 15:14	65002 NEFF_T2	8	8	0	0.13	0.14	0.01	0	0	0	0	0	0	0	0
3/18/2024 15:14	45901 AUBU_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/18/2024 15:18	47403 PENS_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/18/2024 15:18	13502 MCMI_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/18/2024 15:19	47401 PENS_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/18/2024 15:20	64801 MONE_T2	119	110	-9	0.31	0.26	-0.05	0	0	0	0	0	0	0	0
3/18/2024 15:22	47401 PENS_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/18/2024 15:23	47402 PENS_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/18/2024 15:25	24104 EHAZ_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/18/2024 15:25	45902 AUBU_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/18/2024 15:25	10805 CHHI_T2	7	7	0	1.41	1.52	0.11	0	0	0	0	0	0	0	0
3/18/2024 15:26	10805 CHHI_T2	7	7	0	1.41	1.52	0.11	0	0	0	0	0	0	0	0
3/18/2024 15:27	64203 KINZ_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/18/2024 15:27	10801 CHHI_T1	5	0	-5	0.74	0	-0.74	0	0	0	0	0	0	0	0
3/18/2024 15:28	40101 HUNT_T2	2	12	10	0.1	0.2	0.1	0	0	0	0	0	0	0	0
3/18/2024 15:29	40101 HUNT_T2	2	12	10	0.1	0.2	0.1	0	0	0	0	0	0	0	0
3/18/2024 15:30	24105 EHAZ_T1	4	4	0	5.38	5.33	-0.05	0	0	0	0	0	0	0	0
3/18/2024 15:30	45902 AUBU_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/18/2024 15:32	10801 CHHI_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/18/2024 15:35	46301 ROHR_T1	116	142	26	0.26	0.3	0.04	0	0	0	0	0	0	0	0
3/18/2024 15:36	46301 ROHR_T1	116	142	26	0.26	0.3	0.04	0	0	0	0	0	0	0	0
3/18/2024 15:40	29402 BELT_T1	1	1	0	8	7.9	-0.1	0	0	0	0	0	0	0	0
3/18/2024 15:41	45901 AUBU_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/18/2024 15:43	10801 CHHI_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/18/2024 15:44	40903 JESH_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/18/2024 15:46	45902 AUBU_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/18/2024 15:46	24103 EHAZ_T1	0	1	1	0	0	0	0	0	0	0	0	0	0	0
3/18/2024 15:48	10801 CHHI_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/18/2024 15:49	42204 SHEN_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/18/2024 15:50	65003 NEFF_T2	4	92	88	0.18	0.2	0.02	0	0	0	0	0	0	0	0
3/18/2024 15:53	10801 CHHI_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/18/2024 15:59	10801 CHHI_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/18/2024 16:07	14401 SSLA_T1	1	1	0	0.2	0.1	-0.1	0	0	0	0	0	0	0	0
3/18/2024 16:08	54506 ENOL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/18/2024 16:08	14401 SSLA_T1	1	1	0	0.2	0.1	-0.1	0	0	0	0	0	0	0	0
3/18/2024 16:09	10801 CHHI_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/18/2024 16:14	10801 CHHI_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/18/2024 16:14	13502 MCMI_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/18/2024 16:16	65003 NEFF_T2	92	53	-39	0.2	0.19	-0.01	0	0	0	0	0	0	0	0
3/18/2024 16:24	60801 BUCK_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/18/2024 16:25	10801 CHHI_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/18/2024 16:30	10801 CHHI_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/18/2024 16:32	40101 HUNT_T2	17	58	41	0.24	0.36	0.12	0	0	0	0	0	0	0	0
3/18/2024 16:40	44301 BEAV_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/18/2024 16:41	10801 CHHI_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/18/2024 16:41	44301 BEAV_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/18/2024 16:42	52404 GRPA_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/18/2024 16:42	44301 BEAV_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/18/2024 16:46	10801 CHHI_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/18/2024 16:47	65005 NEFF_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/18/2024 16:57	10801 CHHI_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/18/2024 16:59	48303 ORWI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/18/2024 17:02	10801 CHHI_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/18/2024 17:08	65005 NEFF_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/18/2024 17:10	40501 CRES_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/18/2024 17:12	40502 CRES_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/18/2024 18:22	65003 NEFF_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/18/2024 19:51	65003 NEFF_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/18/2024 20:12	46005 BERW_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/18/2024 20:13	46005 BERW_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/18/2024 20:23	65003 NEFF_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/18/2024 20:27	67104 SPRI_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/18/2024 20:46	16302 ALPA_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/18/2024 20:49	16102 BING_T2	0	1	1	0	0	0	0	0	0	0	0	0	0	0
3/18/2024 20:52	17002 RIRO_T2	5	0	-5	0.14	0	-0.14	0	0	0	0	0	0	0	0
3/18/2024 20:53	16302 ALPA_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/18/2024 20:53	15704 TANN_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/18/2024 20:55	28704 HAML_T2	151	152	1	0.56	0.57	0.01	0	0	0	0	0	0	0	0
3/18/2024 20:56	45902 AUBU_T1	1	1	0	0.2	0.1	-0.1	0	0	0	0	0	0	0	0
3/18/2024 20:56	29402 BELT_T1	1	1	0	6.2	6.6	0.4	0	0	0	0	0	0	0	0
3/18/2024 20:56	54506 ENOL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/18/2024 20:57	63801 HEMP_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/18/2024 20:57	20403 ASHF_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/18/2024 20:57	45902 AUBU_T1	1	1	0	0.2	0.1	-0.1	0	0	0	0	0	0	0	0
3/18/2024 20:57	29402 BELT_T1	1	1	0	6.2	6.6	0.4	0	0	0	0	0	0	0	0
3/18/2024 20:58	64201 KINZ_T1	1	7	6	0.1	0.43	0.33	0	0	0	0	0	0	0	0
3/18/2024 20:58	63804 HEMP_T1	1	1	0	5.5	6.2	0.7	0	0	0	0	0	0	0	0
3/18/2024 20:58	17805 GILB_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/18/2024 20:58	45902 AUBU_T1	1	1	0	0.2	0.1	-0.1	0	0	0	0	0	0	0	0
3/18/2024 20:58	56802 BENV_T2	53	39	-14	0.2	0.19	-0.01	0	0	0	0	0	0	0	0
3/18/2024 20:59	67002 STHI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/18/2024 20:59	67103 SPRI_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/18/2024 20:59	57304 MOAL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/18/2024 20:59	41801 GOCI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/18/2024 20:59	45501 DERR_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/18/2024 20:59	17804 GILB_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/18/2024 20:59	13502 MCMI_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/18/2024 20:59	27503 WEIS_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/18/2024 20:59	29402 BELT_T1	1	1	0	6.2	6.6	0.4	0	0	0	0	0	0	0	0
3/18/2024 21:00	26401 INOR_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/18/2024 21:00	25404 LAHA_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/18/2024 21:00	45902 AUBU_T1	1	0	-1	0.1	0	-0.1	0	0	0	0	0	0	0	0
3/18/2024 21:00	17801 GILB_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/18/2024 21:00	56802 BENV_T2	5	148	143	0.34	0.25	-0.09	0	0	0	0	0	0	0	0
3/18/2024 21:00	57403 SPAN_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/18/2024 21:00	45902 AUBU_T1	1	0	-1	0.1	0	-0.1	0	0	0	0	0	0	0	0
3/18/2024 21:00	29401 BELT_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/18/2024 21:01	54506 ENOL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/18/2024 21:01	54505 ENOL_T2	1	1	0	0.7	1	0.3	0	0	0	0	0	0	0	0
3/18/2024 21:01	26001 WDAM_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/18/2024 21:01	66503 SMAN_T2	23	162	139	0.13	0.2	0.07	0	0	0	0	0	0	0	0
3/18/2024 21:01	17802 GILB_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/18/2024 21:01	16302 ALPA_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/18/2024 21:01	17803 GILB_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/18/2024 21:01	67001 STHI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/18/2024 21:01	26402 INOR_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/18/2024 21:01	40601 PIGR_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/18/2024 21:01	13502 MCMI_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/18/2024 21:02	29401 BELT_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/18/2024 21:02	44601 SALE_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/18/2024 21:02	13503 MCMI_T2	17	6	-11	0.19	0.12	-0.07	0	0	0	0	0	0	0	0
3/18/2024 21:03	52502 PROG_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/18/2024 21:03	45501 DERR_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/18/2024 21:04	14802 TREI_T2	6	7	1	0.18	0.2	0.02	0	0	0	0	0	0	0	0
3/18/2024 21:04	54001 SDLE_T1	6	6	0	0.87	0.84	-0.03	0	0	0	0	0	0	0	0
3/18/2024 21:04	26401 INOR_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/18/2024 21:04	13503 MCMI_T2	17	6	-11	0.19	0.12	-0.07	0	0	0	0	0	0	0	0
3/18/2024 21:04	13503 MCMI_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/18/2024 21:04	67001 STHI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/18/2024 21:05	10805 CHHI_T2	1	2	1	8	7.9	-0.1	0	0	0	0	0	0	0	0
3/18/2024 21:05	57302 MOAL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/18/2024 21:05	20402 ASHF_T2	1	0	-1	0.4	0	-0.4	0	0	0	0	0	0	0	0
3/18/2024 21:05	29402 BELT_T1	1	1	0	6.1	6.6	0.5	0	0	0	0	0	0	0	0
3/18/2024 21:05	41801 GOCI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/18/2024 21:05	60102 COCA_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/18/2024 21:06	54504 ENOL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/18/2024 21:06	54504 ENOL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/18/2024 21:06	14402 SSLA_T1	136	145	9	0.19	0.2	0.01	0	0	0	0	0	0	0	0
3/18/2024 21:06	67002 STHI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/18/2024 21:06	15001 BLMO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/18/2024 21:06	54503 ENOL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/18/2024 21:06	13503 MCMI_T2	17	6	-11	0.19	0.12	-0.07	0	0	0	0	0	0	0	0
3/18/2024 21:06	56802 BENV_T2	5	148	143	0.34	0.25	-0.09	0	0	0	0	0	0	0	0
3/18/2024 21:06	48303 ORWI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/18/2024 21:06	60701 BREC_T1	0	34	34	0	0.13	0.13	0	0	0	0	0	0	0	0
3/18/2024 21:07	65001 NEFF_T2	94	172	78	0.14	0.17	0.03	0	0	0	0	0	0	0	0
3/18/2024 21:07	17803 GILB_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/18/2024 21:07	62607 ENGL_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/18/2024 21:07	67001 STHI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/18/2024 21:07	20401 ASHF_T2	0	2	2	0	0	0	0	0	0	0	0	0	0	0
3/18/2024 21:07	40602 PIGR_T1	1	1	0	0.4	0.1	-0.3	0	0	0	0	0	0	0	0
3/18/2024 21:07	42701 AUGU_T1	1	1	0	0.3	0.4	0.1	0	0	0	0	0	0	0	0
3/18/2024 21:07	17802 GILB_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/18/2024 21:07	56802 BENV_T2	5	148	143	0.34	0.25	-0.09	0	0	0	0	0	0	0	0
3/18/2024 21:07	29401 BELT_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/18/2024 21:07	60801 BUCK_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/18/2024 21:08

3/18/2024 21:11	46302 ROHR_T1	4	4	0	1.45	1.93	0.48	0	0	0	0	0	0	0	0
3/18/2024 21:11	64801 MONE_T2	1	1	0	0.2	0.2	0	0	0	0	0	0	0	0	0
3/18/2024 21:11	54001 SDLE_T1	6	6	0	0.87	0.84	-0.03	0	0	0	0	0	0	0	0
3/18/2024 21:11	10805 CHHI_T2	1	2	1	8	7.9	-0.1	0	0	0	0	0	0	0	0
3/18/2024 21:12	67503 WEWI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/18/2024 21:12	60801 BUCK_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/18/2024 21:12	29401 BELT_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/18/2024 21:12	13503 MCMI_T2	17	6	-11	0.19	0.12	-0.07	0	0	0	0	0	0	0	0
3/18/2024 21:12	20401 ASHF_T2	0	2	2	0	0	0	0	0	0	0	0	0	0	0
3/18/2024 21:13	67001 STHI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/18/2024 21:13	14401 SSLA_T1	4	6	2	0.13	0.15	0.02	0	0	0	0	0	0	0	0
3/18/2024 21:13	52004 LING_T2	1	1	0	0.2	0	-0.2	0	0	0	0	0	0	0	0
3/18/2024 21:13	17803 GILB_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/18/2024 21:13	60201 ATGL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/18/2024 21:13	54502 ENOL_T2	0	1	1	0	0.1	0.1	0	0	0	0	0	0	0	0
3/18/2024 21:13	53501 EVIL_T2	1	3	2	0.4	0.4	0	0	0	0	0	0	0	0	0
3/18/2024 21:13	44301 BEAV_T2	1	0	-1	1.4	0	-1.4	0	0	0	0	0	0	0	0
3/18/2024 21:13	56802 BENV_T2	5	148	143	0.34	0.25	-0.09	0	0	0	0	0	0	0	0
3/18/2024 21:14	46201 DANV_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/18/2024 21:14	54503 ENOL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/18/2024 21:14	41802 GOCI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/18/2024 21:14	46302 ROHR_T1	4	4	0	1.45	1.93	0.48	0	0	0	0	0	0	0	0
3/18/2024 21:14	45402 WBLO_T2	0	6	6	0	0.13	0.13	0	0	0	0	0	0	0	0
3/18/2024 21:14	56802 BENV_T2	5	148	143	0.34	0.25	-0.09	0	0	0	0	0	0	0	0
3/18/2024 21:14	58402 MORO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/18/2024 21:14	46003 BERW_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/18/2024 21:14	55002 NEWP_T1	4	5	1	0.35	0.44	0.09	0	0	0	0	0	0	0	0
3/18/2024 21:14	25503 MADI_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/18/2024 21:14	18001 ZION_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/18/2024 21:15	54503 ENOL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/18/2024 21:15	40603 PGR_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/18/2024 21:15	54505 ENOL_T2	1	1	0	0.8	1.1	0.3	0	0	0	0	0	0	0	0
3/18/2024 21:15	42203 SHEN_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/18/2024 21:15	47402 PENS_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/18/2024 21:15	40901 JESH_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/18/2024 21:15	40101 HUNT_T2	1	1	0	0.9	0	-0.9	0	0	0	0	0	0	0	0
3/18/2024 21:15	52404 GRPA_T2	1	1	0	0.2	0.5	0.3	0	0	0	0	0	0	0	0
3/18/2024 21:16	20401 ASHF_T2	2	0	-2	0.2	0	-0.2	0	0	0	0	0	0	0	0
3/18/2024 21:16	40101 HUNT_T2	1	1	0	0.9	0	-0.9	0	0	0	0	0	0	0	0
3/18/2024 21:16	67503 WEWI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/18/2024 21:16	54503 ENOL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/18/2024 21:16	63404 HONY_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/18/2024 21:16	43201 MVIL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/18/2024 21:16	47002 HUGH_T2	0	1	1	0	0.1	0.1	0	0	0	0	0	0	0	0
3/18/2024 21:16	52404 GRPA_T2	1	1	0	0.2	0.5	0.3	0	0	0	0	0	0	0	0
3/18/2024 21:16	15001 BLMO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/18/2024 21:16	67203 TEHI_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/18/2024 21:16	55001 NEWP_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/18/2024 21:16	52403 GRPA_T2	1	8	7	0.3	0.25	-0.05	0	0	0	0	0	0	0	0
3/18/2024 21:16	67502 WEWI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/18/2024 21:16	52502 PROG_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/18/2024 21:16	61803 EELI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/18/2024 21:16	59101 WALK_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/18/2024 21:16	67203 TEHI_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/18/2024 21:17	67604 WARW_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/18/2024 21:17	52401 GRPA_T2	1	1	0	0.2	0.1	-0.1	0	0	0	0	0	0	0	0
3/18/2024 21:17	59002 MIFF_T1	2	1	-1	0.25	0.1	-0.15	0	0	0	0	0	0	0	0
3/18/2024 21:17	46205 DANV_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/18/2024 21:17	55001 NEWP_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/18/2024 21:17	43201 MVIL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/18/2024 21:17	60201 ATGL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/18/2024 21:17	40603 PGR_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/18/2024 21:18	42901 MIDD_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/18/2024 21:18	14404 SSLA_T1	18	42	24	0.14	0.16	0.02	0	0	0	0	0	0	0	0
3/18/2024 21:18	55001 NEWP_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/18/2024 21:18	53902 HALI_T2	1	1	0	5.4	5.8	0.4	0	0	0	0	0	0	0	0
3/18/2024 21:18	56803 BENV_T1	5	5	0	0.38	0.28	-0.1	0	0	0	0	0	0	0	0
3/18/2024 21:18	61801 EELI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/18/2024 21:18	44302 BEAV_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/18/2024 21:18	26002 WDAM_T1	0	36	36	0	0.2	0.2	0	0	0	0	0	0	0	0
3/18/2024 21:18	67401 WAKE_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/18/2024 21:18	60701 BREC_T1	3	85	82	0.1	0.14	0.04	0	0	0	0	0	0	0	0
3/18/2024 21:19	57401 SPAN_T1	2	2	0	0.15	0.8	0.65	0	0	0	0	0	0	0	0
3/18/2024 21:19	44301 BEAV_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/18/2024 21:19	59003 MIFF_T1	1	0	-1	0.5	0	-0.5	0	0	0	0	0	0	0	0
3/18/2024 21:19	64301 LINC_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/18/2024 21:19	52004 LING_T2	1	0	-1	0.1	0	-0.1	0	0	0	0	0	0	0	0
3/18/2024 21:19	40502 CRES_T2	5	7	2	0.2	0.17	-0.03	0	0	0	0	0	0	0	0
3/18/2024 21:20	65002 NEFF_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/18/2024 21:20	42802 SELI_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/18/2024 21:20	42002 MNVL_T2	1	1	0	4.4	4.4	0	0	0	0	0	0	0	0	0
3/18/2024 21:20	58402 MORO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/18/2024 21:20	67402 WAKE_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/18/2024 21:20	47401 PENS_T1	0	1	1	0	0.1	0.1	0	0	0	0	0	0	0	0
3/18/2024 21:20	46801 HEPB_T2	2	3	1	0.2	0.27	0.07	0	0	0	0	0	0	0	0
3/18/2024 21:20	53502 EVIL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/18/2024 21:20	58401 MORO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/18/2024 21:20	42102 FRAI_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/18/2024 21:20	45402 WBLO_T2	0	9	9	0	0.14	0.14	0	0	0	0	0	0	0	0
3/18/2024 21:21	43001 ALWD_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/18/2024 21:21	54506 ENOL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/18/2024 21:21	47401 PENS_T1	0	1	1	0	0.1	0.1	0	0	0	0	0	0	0	0
3/18/2024 21:21	43201 MVIL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/18/2024 21:21	55002 NEWP_T1	3	6	3	0.5	0.58	0.08	0	0	0	0	0	0	0	0
3/18/2024 21:21	53903 HALI_T2	2	3	1	1.5	1.13	-0.37	0	0	0	0	0	0	0	0
3/18/2024 21:21	60201 ATGL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/18/2024 21:21	44302 BEAV_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/18/2024 21:22	46202 DANV_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/18/2024 21:22	64802 MONE_T2	3	0	-3	0.1	0	-0.1	0	0	0	0	0	0	0	0
3/18/2024 21:22	67502 WEWI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/18/2024 21:22	45602 WOOL_T1	2	2	0	0.25	0.4	0.15	0	0	0	0	0	0	0	0
3/18/2024 21:22	44301 BEAV_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/18/2024 21:22	58004 WCAR_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/18/2024 21:22	42802 SELI_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/18/2024 21:23	56802 BENV_T2	39	204	165	0.18	0.37	0.19	0	0	0	0	0	0	0	0
3/18/2024 21:23	46301 ROHR_T1	20	30	10	0.15	0.16	0.01	0	0	0	0	0	0	0	0
3/18/2024 21:23	59301 MCAL_T1	2	2	0	0.8	0.8	0	0	0	0	0	0	0	0	0
3/18/2024 21:24	41903 REED_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/18/2024 21:24	47403 PENS_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/18/2024 21:24	60101 COCA_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/18/2024 21:24	52403 GRPA_T2	1	8	7	0.3	0.25	-0.05	0	0	0	0	0	0	0	0
3/18/2024 21:24	56803 BENV_T1	5	5	0	0.38	0.28	-0.1	0	0	0	0	0	0	0	0
3/18/2024 21:24	46801 HEPB_T2	2	3	1	0.2	0.27	0.07	0	0	0	0	0	0	0	0
3/18/2024 21:24	40201 BEGA_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/18/2024 21:25	40101 HUNT_T2	1	1	0	0.9	0	-0.9	0	0	0	0	0	0	0	0
3/18/2024 21:25	56802 BENV_T2	39	204	165	0.18	0.37	0.19	0	0	0	0	0	0	0	0
3/18/2024 21:25	44302 BEAV_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/18/2024 21:25	46801 HEPB_T2	2	3	1	0.2	0.27	0.07	0	0	0	0	0	0	0	0
3/18/2024 21:26	54501 ENOL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/18/2024 21:26	53502 EVIL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/18/2024 21:28	44301 BEAV_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/18/2024 21:30	46701 RENO_T1	158	138	-20	0.34	0.31	-0.03	0	0	0	0	0	0	0	0
3/18/2024 21:32	59102 WALK_T2	0	1	1	0	0.1	0.1	0	0	0	0	0	0	0	0
3/18/2024 21:37	56802 BENV_T2	147	210	63	0.25	0.39	0.14	0	0	0	0	0	0	0	0
3/18/2024 21:42	52403 GRPA_T2	0	8	8	0	0.34	0.34	0	0	0	0	0	0	0	0
3/18/2024 21:42	13501 MCMI_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/18/2024 21:54	53901 HALI_T2	6	1	-5	0.27	0.9	0.63	0	0	0	0	0	0	0	0
3/18/2024 22:16	44301 BEAV_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/18/2024 22:27	46206 DANV_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/18/2024 22:39	65001 NEFF_T2	0	55	55	0	0.13	0.13	0	0	0	0	0	0	0	0
3/18/2024 22:50	65002 NEFF_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/18/2024 23:00	65004 NEFF_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/18/2024 23:30	65004 NEFF_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/19/2024 0:02	65003 NEFF_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/19/2024 0:29	65004 NEFF_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/19/2024 0:45	65005 NEFF_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/19/2024 1:06	65001 NEFF_T2	0	7	7	0	0.16	0.16	0	0	0	0	0	0	0	0
3/19/2024 1:38	65003 NEFF_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/19/2024 1:43	65005 NEFF_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/19/2024 2:56	65003 NEFF_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/19/2024 3:10	60803 BUCK_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/19/2024 6:40	65004 NEFF_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/19/2024 6:55	65001 NEFF_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/19/2024 7:16	65004 NEFF_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/19/2024 7:48	65002 NEFF_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/19/2024 7:52	60201 ATGL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/19/2024 7:54	45501 DERR_T2	1	0	-1	0.1	0	-0.1	0	0	0	0	0	0	0	0
3/19/2024 8:02	25404 LAHA_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/19/2024 8:08	29401 BELT_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/19/2024 8:09	29402 BELT_T1	1	1	0	6.5	7	0.5	0	0	0	0	0	0	0	0
3/19/2024 8:11	29401 BELT_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/19/2024 8:11	29401 BELT_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/19/2024 8:12	20603 GRWD_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/19/2024 8:15	13501 MCMI_T1	0	1	1	0	0	0	0	0	0	0	0	0	0	0
3/19/2024 8:18	26002 WDAM_T1	2	1	-1	1.9	0	-1.9	0	0	0	0	0	0	0	0
3/19/2024 8:19	67105 SPRI_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/19/2024 8:30	65002 NEFF_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/19/2024 8:31	40101 HUNT_T2	161	280	119	0.48	0.6	0.12	0	0	0	0	0	0	0	0
3/19/2024 8:39	53601 DALM_T2	1	1	0	0.8	1	0.2	0	0	0	0	0	0	0	0
3/19/2024 8:45	65004 NEFF_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/19/2024 8:45	58401 MORO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/19/2024 8:47	13502 MCMI_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/19/2024 8:48	13501 MCMI_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/19/2024 8:50	58402 MORO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/19/2024 8:55	54502 ENOL_T2	1	0	-1	0.4	0	-0.4	0	0	0	0	0	0	0	0
3/19/2024 8:56	54505 ENOL_T2	1	1	0	0.7	0.5	-0.2	0	0	0	0	0	0	0	0
3/19/2024 8:57	54506 ENOL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/19/2024 8:57	54505 ENOL_T2	1	1	0	0.7	0.5	-0.2	0	0	0	0	0	0	0	0
3/19/2024 8:58	54505 ENOL_T2	1	1	0	0.7	0.5	-0.2	0	0	0	0	0	0	0	0
3/19/2024 8:58	54502 ENOL_T2	1	0	-1	0.4	0	-0.4	0	0	0	0	0	0	0	0
3/19/2024 9:00	54505 ENOL_T2	1	1	0	0.5	0.5	0	0	0	0	0	0	0	0	0
3/19/2024 9:01	54505 ENOL_T2	1	1	0	0.5	0.5	0	0	0	0	0	0	0	0	0
3/19/2024 9:07	67401 WAKE_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/19/2024 9:17	59001 MIFF_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/19/2024 9:20	67104 SPRI_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/19/2024 9:23	67401 WAKE_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/19/2024 9:24	45502 DERR_T2	1	3	2	0.2	0.35	0.15	0	0	0	0	0	0	0	0
3/19/2024 9:24	10805 CHHI_T2	7	6	-1	1.63	1.37	-0.26	0	0	0	0	0	0	0	0
3/19/2024 9:27	41801 GOCI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/19/2024 9:27	10801 CHHI_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/19/2024 9:27	52402 GRPA_T2	5	4	-1	1.38	0.93	-0.45	0	0	0	0	0	0	0	0
3/19/2024 9:29	59301 MCAL_T1	2	5	3	0.7	0.56	-0.14	0	0	0	0	0	0	0	0
3/19/2024 9:30	52401 GRPA_T2	1	1	0	0.2	0.1	-0.1	0	0	0	0	0	0	0	0
3/19/2024 9:31	41802 GOCI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/19/2024 9:32	10801 CHHI_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/19/2024 9:33	41903

3/19/2024 10:00	40201 BEGA_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/19/2024 10:00	29401 BELT_T1	5	24	19	0.12	0.15	0.03	0	0	0	0	0	0	0	0
3/19/2024 10:00	40504 CRES_T1	14	14	0	0.19	0.17	-0.02	0	0	0	0	0	0	0	0
3/19/2024 10:00	42204 SHEN_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/19/2024 10:00	67604 WARW_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/19/2024 10:00	53901 HAU_T2	2	2	0	0.45	0.4	-0.05	0	0	0	0	0	0	0	0
3/19/2024 10:00	65003 NEFF_T2	1	0	-1	0.2	0	-0.2	0	0	0	0	0	0	0	0
3/19/2024 10:00	67002 STHI_T2	65	115	50	0.2	0.2	0	0	0	0	0	0	0	0	0
3/19/2024 10:00	27503 WEIS_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/19/2024 10:00	42301 MOWR_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/19/2024 10:00	46002 BERW_T2	0	1	1	0	0	0	0	0	0	0	0	0	0	0
3/19/2024 10:00	10801 CHHI_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/19/2024 10:00	58402 MORO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/19/2024 10:00	64901 MILL_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/19/2024 10:00	65904 SAKR_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/19/2024 10:00	23002 SAJO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/19/2024 10:00	47101 MARL_T1	0	1	1	0	0	0	0	0	0	0	0	0	0	0
3/19/2024 10:00	67401 WAKE_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/19/2024 10:00	60801 BUCK_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/19/2024 10:00	24102 EHAZ_T1	0	5	5	0	0.1	0.1	0	0	0	0	0	0	0	0
3/19/2024 10:00	55001 NEWP_T1	0	3	3	0	0.43	0.43	0	0	0	0	0	0	0	0
3/19/2024 10:00	46701 RENO_T1	31	23	-8	0.4	0.49	0.09	0	0	0	0	0	0	0	0
3/19/2024 10:00	45601 WOOL_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/19/2024 10:00	42903 MIDD_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/19/2024 10:00	17805 GILB_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/19/2024 10:00	45902 AUBU_T1	1	2	1	0.4	0	-0.4	0	0	0	0	0	0	0	0
3/19/2024 10:00	52003 LING_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/19/2024 10:00	13502 MCMI_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/19/2024 10:00	43001 ALWD_T1	1	1	0	0.3	0.3	0	0	0	0	0	0	0	0	0
3/19/2024 10:00	45802 HEGI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/19/2024 10:03	66505 SMAN_T2	0	1	1	0	0.2	0.2	0	0	0	0	0	0	0	0
3/19/2024 10:03	43202 MVIL_T2	0	2	2	0	0.2	0.2	0	0	0	0	0	0	0	0
3/19/2024 10:04	55002 NEWP_T1	5	7	2	0.26	0.5	0.24	0	0	0	0	0	0	0	0
3/19/2024 10:04	65903 SAKR_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/19/2024 10:05	67001 STHI_T2	122	272	150	0.12	0.16	0.04	0	0	0	0	0	0	0	0
3/19/2024 10:06	14403 SSLA_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/19/2024 10:06	12503 MITR_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/19/2024 10:06	66504 SMAN_T2	2	0	-2	0.35	0	-0.35	0	0	0	0	0	0	0	0
3/19/2024 10:06	67002 STHI_T2	65	115	50	0.2	0.2	0	0	0	0	0	0	0	0	0
3/19/2024 10:06	41903 REED_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/19/2024 10:07	63801 HEMP_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/19/2024 10:07	42204 SHEN_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/19/2024 10:07	10801 CHHI_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/19/2024 10:07	55002 NEWP_T1	5	7	2	0.26	0.5	0.24	0	0	0	0	0	0	0	0
3/19/2024 10:07	67002 STHI_T2	65	115	50	0.2	0.2	0	0	0	0	0	0	0	0	0
3/19/2024 10:07	29402 BELT_T1	1	1	0	7	7.2	0.2	0	0	0	0	0	0	0	0
3/19/2024 10:07	41802 GOCI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/19/2024 10:07	60201 ATGL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/19/2024 10:07	53502 EVIL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/19/2024 10:08	64902 MILL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/19/2024 10:08	67002 STHI_T2	65	115	50	0.2	0.2	0	0	0	0	0	0	0	0	0
3/19/2024 10:08	67402 WAKE_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/19/2024 10:08	16302 ALPA_T2	3	0	-3	0.23	0	-0.23	0	0	0	0	0	0	0	0
3/19/2024 10:08	47104 MARL_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/19/2024 10:08	29401 BELT_T1	5	24	19	0.12	0.15	0.03	0	0	0	0	0	0	0	0
3/19/2024 10:09	43001 ALWD_T1	1	1	0	0.3	0.3	0	0	0	0	0	0	0	0	0
3/19/2024 10:09	20401 ASHF_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/19/2024 10:09	46003 BERW_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/19/2024 10:09	67603 WARW_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/19/2024 10:09	29401 BELT_T1	5	24	19	0.12	0.15	0.03	0	0	0	0	0	0	0	0
3/19/2024 10:10	15001 BLMO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/19/2024 10:10	54503 ENOL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/19/2024 10:10	53501 EVIL_T2	2	1	-1	0.15	0.3	0.15	0	0	0	0	0	0	0	0
3/19/2024 10:10	29402 BELT_T1	1	1	0	7	7.2	0.2	0	0	0	0	0	0	0	0
3/19/2024 10:11	54505 ENOL_T2	1	1	0	0.5	0.9	0.4	0	0	0	0	0	0	0	0
3/19/2024 10:11	52404 GRPA_T2	0	4	4	0	0	0	0	0	0	0	0	0	0	0
3/19/2024 10:11	54503 ENOL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/19/2024 10:11	15001 BLMO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/19/2024 10:11	53501 EVIL_T2	2	1	-1	0.15	0.3	0.15	0	0	0	0	0	0	0	0
3/19/2024 10:11	29401 BELT_T1	5	24	19	0.12	0.15	0.03	0	0	0	0	0	0	0	0
3/19/2024 10:11	10801 CHHI_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/19/2024 10:12	20403 ASHF_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/19/2024 10:12	52404 GRPA_T2	0	4	4	0	0	0	0	0	0	0	0	0	0	0
3/19/2024 10:12	29402 BELT_T1	1	1	0	7	7.2	0.2	0	0	0	0	0	0	0	0
3/19/2024 10:12	15001 BLMO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/19/2024 10:12	45501 DERR_T2	0	1	1	0	0	0	0	0	0	0	0	0	0	0
3/19/2024 10:12	29402 BELT_T1	1	1	0	7	7.2	0.2	0	0	0	0	0	0	0	0
3/19/2024 10:13	52404 GRPA_T2	0	4	4	0	0	0	0	0	0	0	0	0	0	0
3/19/2024 10:13	54502 ENOL_T2	1	1	0	0.1	0.4	0.3	0	0	0	0	0	0	0	0
3/19/2024 10:13	54501 ENOL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/19/2024 10:13	45802 HEGI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/19/2024 10:14	41802 GOCI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/19/2024 10:14	29401 BELT_T1	5	24	19	0.12	0.15	0.03	0	0	0	0	0	0	0	0
3/19/2024 10:14	53502 EVIL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/19/2024 10:14	40101 HUNT_T2	230	232	2	0.62	0.45	-0.17	0	0	0	0	0	0	0	0
3/19/2024 10:15	52404 GRPA_T2	4	0	-4	0.3	0	-0.3	0	0	0	0	0	0	0	0
3/19/2024 10:15	52402 GRPA_T2	3	5	2	0.9	1.08	0.18	0	0	0	0	0	0	0	0
3/19/2024 10:15	64202 KINZ_T1	3	2	-1	0.6	0.45	-0.15	0	0	0	0	0	0	0	0
3/19/2024 10:16	64204 KINZ_T1	1	1	0	1.1	1.1	0	0	0	0	0	0	0	0	0
3/19/2024 10:16	25402 LAHA_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/19/2024 10:16	40101 HUNT_T2	231	158	-73	0.63	0.41	-0.22	0	0	0	0	0	0	0	0
3/19/2024 10:16	65003 NEFF_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/19/2024 10:16	43202 MVIL_T2	1	2	1	0.3	0.15	-0.15	0	0	0	0	0	0	0	0
3/19/2024 10:18	43201 MVIL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/19/2024 10:18	40602 PIGR_T1	1	1	0	0.4	0.4	0	0	0	0	0	0	0	0	0
3/19/2024 10:19	40601 PIGR_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/19/2024 10:19	67002 STHI_T2	79	109	30	0.17	0.2	0.03	0	0	0	0	0	0	0	0
3/19/2024 10:20	65004 NEFF_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/19/2024 10:20	67002 STHI_T2	79	109	30	0.17	0.2	0.03	0	0	0	0	0	0	0	0
3/19/2024 10:20	57401 SPAN_T1	1	2	1	0.2	0.2	0	0	0	0	0	0	0	0	0
3/19/2024 10:20	64802 MONE_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/19/2024 10:21	57403 SPAN_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/19/2024 10:21	67002 STHI_T2	79	109	30	0.17	0.2	0.03	0	0	0	0	0	0	0	0
3/19/2024 10:21	67105 SPRI_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/19/2024 10:21	40601 PIGR_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/19/2024 10:21	48303 ORWI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/19/2024 10:22	42701 AUGU_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/19/2024 10:23	57403 SPAN_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/19/2024 10:23	67103 SPRI_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/19/2024 10:23	56802 BENV_T2	106	231	125	0.25	0.39	0.14	0	0	0	0	0	0	0	0
3/19/2024 10:24	56802 BENV_T2	106	231	125	0.25	0.39	0.14	0	0	0	0	0	0	0	0
3/19/2024 10:24	42701 AUGU_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/19/2024 10:25	62604 ENGL_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/19/2024 10:26	62601 ENGL_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/19/2024 10:26	56802 BENV_T2	106	231	125	0.25	0.39	0.14	0	0	0	0	0	0	0	0
3/19/2024 10:27	52401 GRPA_T2	0	1	1	0	0.6	0.6	0	0	0	0	0	0	0	0
3/19/2024 10:27	56802 BENV_T2	106	231	125	0.25	0.39	0.14	0	0	0	0	0	0	0	0
3/19/2024 10:28	62601 ENGL_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/19/2024 10:30	62602 ENGL_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/19/2024 10:30	59001 MIFF_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/19/2024 10:32	64902 MILL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/19/2024 10:33	16402 MOPO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/19/2024 10:36	45402 WBLO_T2	1	1	0	0.1	1.3	1.2	0	0	0	0	0	0	0	0
3/19/2024 10:37	64101 REFR_T1	0	5	5	0	0.1	0.1	0	0	0	0	0	0	0	0
3/19/2024 10:38	60201 ATGL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/19/2024 10:38	44302 BEAV_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/19/2024 10:39	45402 WBLO_T2	1	1	0	0.1	1.3	1.2	0	0	0	0	0	0	0	0
3/19/2024 10:40	44301 BEAV_T2	1	1	0	0.6	0	-0.6	0	0	0	0	0	0	0	0
3/19/2024 10:40	67503 WEWI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/19/2024 10:42	15001 BLMO_T1	0	1	1	0	0.2	0.2	0	0	0	0	0	0	0	0
3/19/2024 10:43	46803 HEPB_T2	1	2	1	0.4	0.15	-0.25	0	0	0	0	0	0	0	0
3/19/2024 10:45	64203 KINZ_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/19/2024 10:46	42901 MIDD_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/19/2024 10:48	17002 RIRO_T2	2	3	1	0.85	0.83	-0.02	0	0	0	0	0	0	0	0
3/19/2024 10:50	55101 WERT_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/19/2024 10:50	27503 WEIS_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/19/2024 10:50	59102 WALK_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/19/2024 10:52	26002 WDAM_T1	0	3	3	0	0	0	0	0	0	0	0	0	0	0
3/19/2024 10:53	60201 ATGL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/19/2024 10:53	59101 WALK_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/19/2024 10:53	40201 BEGA_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/19/2024 10:54	40201 BEGA_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/19/2024 10:55	26002 WDAM_T1	0	3	3	0	0	0	0	0	0	0	0	0	0	0
3/19/2024 10:55	40201 BEGA_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/19/2024 10:56	48901 FOSP_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/19/2024 10:57	23902 EFMO_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/19/2024 10:58	28704 HAML_T2	170	175	5	0.7	0.88	0.18	0	0	0	0	0	0	0	0
3/19/2024 10:59	48901 FOSP_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/19/2024 10:59	40101 HUNT_T2	57	87	30	0.45	0.31	-0.14	0	0	0	0	0	0	0	0
3/19/2024 11:00	63801 HEMP_T1	2	0	-2	0.1	0	-0.1	0	0	0	0	0	0	0	0
3/19/2024 11:00	48902 FOSP_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/19/2024 11:01	48302 ORWI_T2	2	2	0	1.15	0.95	-0.2	0	0	0	0	0	0	0	0
3/19/2024 11:01	63801 HEMP_T1	2	0	-2	0.1	0	-0.1	0	0	0	0	0	0	0	0
3/19/2024 11:01	26402 INOR_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/19/2024 11:02	48302 ORWI_T2	2	2	0	1.15	0.95	-0.2	0	0	0	0	0	0	0	0
3/19/2024 11:02	64802 MONE_T2	0	1	1	0	0.2	0.2	0	0	0	0	0	0	0	0
3/19/2024 11:03	59302 MCAL_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/19/2024 11:03	40602 PIGR_T1	0	1	1	0	0	0	0	0	0	0	0	0	0	0
3/19/2024 11:04	48303 ORWI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/19/2024 11:04	14404 SSLA_T1	1	2	1	0.1	0.1	0	0	0	0	0	0	0	0	0
3/19/2024 11:04	46302 ROHR_T1	2	2	0	2.65	2.75	0.1	0	0	0	0	0	0	0	0
3/19/2024 11:04	44601 SALE_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/19/2024 11:05	46301 ROHR_T1	4	1	-3	0.35	0.2	-0.15	0	0	0	0	0	0	0	0
3/19/2024 11:05	63804 HEMP_T1	1	1	0	6.6	6.8	0.2	0	0	0	0	0	0	0	0
3/19/2024 11:05	67203 TEHI_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/19/2024 11:06	40603 PIGR_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/19/2024 11:06	15701 TANN_T1	2	2	0	2.65	2.65	0	0	0	0	0	0	0	0	0
3/19/2024 11:07	67001 STHI_T2	290	471	181	0.17	0.21	0.04	0	0	0	0	0	0	0	0
3/19/2024 11:07	61102 BERK_T5	1	1	0	0.2	0.1	-0.1	0	0	0	0	0	0	0	0
3/19/2024 11:07	67001 STHI_T2	290	471	181	0.17	0.21	0.04	0	0	0	0	0	0	0	0
3/19/2024 11:08	67603 WARW_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/19/2024 11:09	46206 DANV_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/19/2024 11:09	46202 DANV_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/19/2024 11:09	45602 WOOL_T1	2	3	1	0.35	1	0.65	0	0	0	0	0	0	0	0
3/19/2024 11:09	42701 AUGU_T1	1	1	0	0.5	0.8	0.3	0	0	0	0	0	0	0	0
3/19/2024 11:09	67002 STHI_T2	98	219	121	0.17	0.21	0.04	0	0	0	0	0	0	0	0
3/19/2024 11:09	67001 STHI_T2	290	471	181	0.17	0.21	0.04	0	0	0	0	0	0	0	0
3/19/2024 11:10	45601 WOOL_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/19/2024 11:10	61102 BERK_T5	1	1	0	0.2	0.1	-0.1	0	0	0	0	0	0	0	0
3/19/2024 11:11	54505 ENOL_T2	1	1	0	0.6	0.8	0.2	0	0	0	0	0	0	0	0
3/19/2024 11:11	61101 BERK_T5	1	1	0	0.1	0.3	0.2	0	0	0	0	0	0	0	0
3/19/2024 11:11	60801 BUCK_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/19/2024 11:12	65003 NEFF_T2	1	1	0	0.1	0.3	0.2	0	0	0	0	0	0	0	0
3/19/2024 11:12	10801 CHHI_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/19/2024 11:12	46202 DANV_T2	0	0	0	0	0	0	0	0	0	0	0	0

3/19/2024 11:28	52401 GRPA_T2	1	1	0	1	0.3	-0.7	0	0	0	0	0	0	0	0
3/19/2024 11:28	10801 CHHI_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/19/2024 11:29	54502 ENOL_T2	0	1	1	0	0.3	0.3	0	0	0	0	0	0	0	0
3/19/2024 11:29	13501 MCMI_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/19/2024 11:30	64902 MILL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/19/2024 11:30	63801 HEMP_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/19/2024 11:31	13503 MCMI_T2	148	89	-59	0.36	0.33	-0.03	0	0	0	0	0	0	0	0
3/19/2024 11:31	52401 GRPA_T2	1	1	0	0.2	0.6	0.4	0	0	0	0	0	0	0	0
3/19/2024 11:31	63802 HEMP_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/19/2024 11:31	13502 MCMI_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/19/2024 11:32	41901 REED_T1	3	7	4	0.17	0.19	0.02	0	0	0	0	0	0	0	0
3/19/2024 11:32	64903 MILL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/19/2024 11:33	10801 CHHI_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/19/2024 11:33	13503 MCMI_T2	148	89	-59	0.36	0.33	-0.03	0	0	0	0	0	0	0	0
3/19/2024 11:34	41901 REED_T1	3	7	4	0.17	0.19	0.02	0	0	0	0	0	0	0	0
3/19/2024 11:34	13501 MCMI_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/19/2024 11:34	67002 STHI_T2	202	85	-117	0.2	0.29	0.09	0	0	0	0	0	0	0	0
3/19/2024 11:34	57403 SPAN_T1	4	11	7	0.13	0.29	0.16	0	0	0	0	0	0	0	0
3/19/2024 11:34	64101 REFR_T1	1	4	3	0.1	0.13	0.03	0	0	0	0	0	0	0	0
3/19/2024 11:34	13503 MCMI_T2	148	89	-59	0.36	0.33	-0.03	0	0	0	0	0	0	0	0
3/19/2024 11:35	57403 SPAN_T1	4	11	7	0.13	0.29	0.16	0	0	0	0	0	0	0	0
3/19/2024 11:35	17002 RIRO_T2	2	2	0	0.8	0.45	-0.35	0	0	0	0	0	0	0	0
3/19/2024 11:35	67002 STHI_T2	202	85	-117	0.2	0.29	0.09	0	0	0	0	0	0	0	0
3/19/2024 11:36	26001 WDAM_T1	0	1	1	0	0.2	0.2	0	0	0	0	0	0	0	0
3/19/2024 11:37	67001 STHI_T2	447	272	-175	0.2	0.16	-0.04	0	0	0	0	0	0	0	0
3/19/2024 11:37	67103 SPRI_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/19/2024 11:37	26002 WDAM_T1	2	2	0	1	1.35	0.35	0	0	0	0	0	0	0	0
3/19/2024 11:37	67603 WARW_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/19/2024 11:37	64902 MILL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/19/2024 11:37	41903 REED_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/19/2024 11:37	64101 REFR_T1	1	4	3	0.1	0.13	0.03	0	0	0	0	0	0	0	0
3/19/2024 11:37	57403 SPAN_T1	4	11	7	0.13	0.29	0.16	0	0	0	0	0	0	0	0
3/19/2024 11:38	67002 STHI_T2	202	85	-117	0.2	0.29	0.09	0	0	0	0	0	0	0	0
3/19/2024 11:38	67105 SPRI_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/19/2024 11:38	57403 SPAN_T1	4	11	7	0.13	0.29	0.16	0	0	0	0	0	0	0	0
3/19/2024 11:38	43001 ALWD_T1	1	1	0	0.1	0.2	0.1	0	0	0	0	0	0	0	0
3/19/2024 11:38	46002 BERW_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/19/2024 11:38	10801 CHHI_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/19/2024 11:39	67603 WARW_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/19/2024 11:39	53902 HAU_T2	1	1	0	5.6	5.5	-0.1	0	0	0	0	0	0	0	0
3/19/2024 11:39	67605 WARW_T1	16	29	13	0.34	0.43	0.09	0	0	0	0	0	0	0	0
3/19/2024 11:40	60102 COCA_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/19/2024 11:40	46004 BERW_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/19/2024 11:41	62604 ENGL_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/19/2024 11:41	10801 CHHI_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/19/2024 11:41	43001 ALWD_T1	1	1	0	0.1	0.2	0.1	0	0	0	0	0	0	0	0
3/19/2024 11:41	10805 CHHI_T2	8	6	-2	1.41	7.5	6.09	0	0	0	0	0	0	0	0
3/19/2024 11:41	60102 COCA_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/19/2024 11:42	63802 HEMP_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/19/2024 11:43	62607 ENGL_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/19/2024 11:43	10801 CHHI_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/19/2024 11:44	62605 ENGL_T1	0	1	1	0	0	0	0	0	0	0	0	0	0	0
3/19/2024 11:44	45702 LIND_T2	0	1	1	0	0.9	0.9	0	0	0	0	0	0	0	0
3/19/2024 11:45	13501 MCMI_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/19/2024 11:45	63801 HEMP_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/19/2024 11:45	13503 MCMI_T2	86	69	-17	0.33	0.35	0.02	0	0	0	0	0	0	0	0
3/19/2024 11:45	16103 BING_T2	1	2	1	0.1	0.45	0.35	0	0	0	0	0	0	0	0
3/19/2024 11:46	46803 HEPB_T2	0	2	2	0	0.2	0.2	0	0	0	0	0	0	0	0
3/19/2024 11:46	63803 HEMP_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/19/2024 11:47	63803 HEMP_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/19/2024 11:47	13502 MCMI_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/19/2024 11:48	13503 MCMI_T2	86	69	-17	0.33	0.35	0.02	0	0	0	0	0	0	0	0
3/19/2024 11:49	48303 ORWI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/19/2024 11:49	13502 MCMI_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/19/2024 11:50	67503 WEWI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/19/2024 11:50	48302 ORWI_T2	2	2	0	0.9	1.1	0.2	0	0	0	0	0	0	0	0
3/19/2024 11:50	58402 MORO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/19/2024 11:50	42903 MIDD_T2	0	2	2	0	1.85	1.85	0	0	0	0	0	0	0	0
3/19/2024 11:50	64101 REFR_T1	0	5	5	0	0.35	0.35	0	0	0	0	0	0	0	0
3/19/2024 11:51	48303 ORWI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/19/2024 11:51	42802 SELI_T1	0	1	1	0	0.1	0.1	0	0	0	0	0	0	0	0
3/19/2024 11:53	43001 ALWD_T1	1	0	-1	0.2	0	-0.2	0	0	0	0	0	0	0	0
3/19/2024 11:53	67605 WARW_T1	18	30	12	0.29	0.52	0.23	0	0	0	0	0	0	0	0
3/19/2024 11:53	42801 SELI_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/19/2024 11:53	67503 WEWI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/19/2024 11:54	67603 WARW_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/19/2024 11:54	10801 CHHI_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/19/2024 11:55	67503 WEWI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/19/2024 11:55	67605 WARW_T1	18	30	12	0.29	0.52	0.23	0	0	0	0	0	0	0	0
3/19/2024 11:56	10801 CHHI_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/19/2024 11:56	60101 COCA_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/19/2024 11:56	43001 ALWD_T1	1	0	-1	0.2	0	-0.2	0	0	0	0	0	0	0	0
3/19/2024 11:57	63802 HEMP_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/19/2024 11:57	60101 COCA_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/19/2024 11:57	52202 DEVO_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/19/2024 11:58	63801 HEMP_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/19/2024 11:59	50107 HARR_T3	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/19/2024 11:59	10801 CHHI_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/19/2024 12:00	45704 LIND_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/19/2024 12:00	42901 MIDD_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/19/2024 12:01	63801 HEMP_T1	0	2	2	0	0.25	0.25	0	0	0	0	0	0	0	0
3/19/2024 12:01	58402 MORO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/19/2024 12:01	46803 HEPB_T2	1	2	1	0.2	0.2	0	0	0	0	0	0	0	0	0
3/19/2024 12:01	48303 ORWI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/19/2024 12:02	46803 HEPB_T2	1	2	1	0.2	0.2	0	0	0	0	0	0	0	0	0
3/19/2024 12:03	41901 REED_T1	7	5	-2	0.19	0.12	-0.07	0	0	0	0	0	0	0	0
3/19/2024 12:03	63802 HEMP_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/19/2024 12:04	48302 ORWI_T2	2	2	0	0.9	1.1	0.2	0	0	0	0	0	0	0	0
3/19/2024 12:05	67105 SPRI_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/19/2024 12:05	41901 REED_T1	7	5	-2	0.19	0.12	-0.07	0	0	0	0	0	0	0	0
3/19/2024 12:06	48302 ORWI_T2	2	2	0	0.9	1.1	0.2	0	0	0	0	0	0	0	0
3/19/2024 12:06	67502 WEWI_T2	3	2	-1	0.4	0.6	0.2	0	0	0	0	0	0	0	0
3/19/2024 12:06	64101 REFR_T1	4	3	-1	0.13	0.43	0.3	0	0	0	0	0	0	0	0
3/19/2024 12:08	67103 SPRI_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/19/2024 12:09	62605 ENGL_T1	0	1	1	0	0.1	0.1	0	0	0	0	0	0	0	0
3/19/2024 12:09	67503 WEWI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/19/2024 12:09	43001 ALWD_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/19/2024 12:11	67503 WEWI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/19/2024 12:12	43001 ALWD_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/19/2024 12:12	63801 HEMP_T1	0	2	2	0	0.25	0.25	0	0	0	0	0	0	0	0
3/19/2024 12:12	60102 COCA_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/19/2024 12:13	60102 COCA_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/19/2024 12:13	63804 HEMP_T1	1	1	0	6.8	6.4	-0.4	0	0	0	0	0	0	0	0
3/19/2024 12:16	58402 MORO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/19/2024 12:16	42903 MIDD_T2	2	2	0	1.85	1.85	0	0	0	0	0	0	0	0	0
3/19/2024 12:17	58402 MORO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/19/2024 12:17	64903 MILL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/19/2024 12:17	64303 LINC_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/19/2024 12:18	58401 MORO_T1	2	1	-1	0.15	0.2	0.05	0	0	0	0	0	0	0	0
3/19/2024 12:18	46803 HEPB_T2	2	2	0	0.2	0.15	-0.05	0	0	0	0	0	0	0	0
3/19/2024 12:19	63803 HEMP_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/19/2024 12:19	64903 MILL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/19/2024 12:20	59402 RFLD_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/19/2024 12:21	58402 MORO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/19/2024 12:24	64902 MILL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/19/2024 12:25	58402 MORO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/19/2024 12:25	62605 ENGL_T1	1	0	-1	0.1	0	-0.1	0	0	0	0	0	0	0	0
3/19/2024 12:26	62606 ENGL_T1	1	0	-1	8.8	0	-8.8	0	0	0	0	0	0	0	0
3/19/2024 12:27	13503 MCMI_T2	49	25	-24	0.28	0.2	-0.08	0	0	0	0	0	0	0	0
3/19/2024 12:29	62607 ENGL_T1	0	2	2	0	0.1	0.1	0	0	0	0	0	0	0	0
3/19/2024 12:29	56603 HAMP_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/19/2024 12:29	63804 HEMP_T1	1	1	0	6.5	6.1	-0.4	0	0	0	0	0	0	0	0
3/19/2024 12:29	63802 HEMP_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/19/2024 12:31	56601 HAMP_T1	2	0	-2	0.2	0	-0.2	0	0	0	0	0	0	0	0
3/19/2024 12:32	47401 PENS_T1	2	4	2	0.6	0.45	-0.15	0	0	0	0	0	0	0	0
3/19/2024 12:33	47403 PENS_T1	1	1	0	1.1	2.2	1.1	0	0	0	0	0	0	0	0
3/19/2024 12:34	57403 SPAN_T1	9	41	32	0.31	0.33	0.02	0	0	0	0	0	0	0	0
3/19/2024 12:34	64101 REFR_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/19/2024 12:34	63803 HEMP_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/19/2024 12:35	57403 SPAN_T1	9	41	32	0.31	0.33	0.02	0	0	0	0	0	0	0	0
3/19/2024 12:36	65005 NEFF_T2	1	0	-1	0.3	0	-0.3	0	0	0	0	0	0	0	0
3/19/2024 12:36	62601 ENGL_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/19/2024 12:36	57401 SPAN_T1	4	11	7	0.33	0.63	0.3	0	0	0	0	0	0	0	0
3/19/2024 12:36	47403 PENS_T1	1	1	0	1.1	2.2	1.1	0	0	0	0	0	0	0	0
3/19/2024 12:37	57403 SPAN_T1	9	41	32	0.31	0.33	0.02	0	0	0	0	0	0	0	0
3/19/2024 12:38	57401 SPAN_T1	4	11	7	0.33	0.63	0.3	0	0	0	0	0	0	0	0
3/19/2024 12:38	64101 REFR_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/19/2024 12:43	40101 HUNT_T2	16	34	18	0.15	0.26	0.11	0	0	0	0	0	0	0	0
3/19/2024 12:44	63801 HEMP_T1	2	1	-1	0.25	0.3	0.05	0	0	0	0	0	0	0	0
3/19/2024 12:44	40101 HUNT_T2	16	34	18	0.15	0.26	0.11	0	0	0	0	0	0	0	0
3/19/2024 12:46	40101 HUNT_T2	21	43	22	0.29	0.34	0.05	0	0	0	0	0	0	0	0
3/19/2024 12:47	65004 NEFF_T2	0	2	2	0	0.3	0.3	0	0	0	0	0	0	0	0
3/19/2024 12:52	65002 NEFF_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/19/2024 12:52	46002 BERW_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/19/2024 12:52	14802 TREI_T2	0	32	32	0	0.23	0.23	0	0	0	0	0	0	0	0
3/19/2024 12:54	43001 ALWD_T1	1	1	0	0.2	0.2	0	0	0	0	0	0	0	0	0
3/19/2024 12:57	65002 NEFF_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/19/2024 12:58	46004 BERW_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/19/2024 13:02	48302 ORWI_T2	2	2	0	0.65	0.75	0.1	0	0	0	0	0	0	0	0
3/19/2024 13:03	48303 ORWI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/19/2024 13:04	58402 MORO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/19/2024 13:04	64101 REFR_T1	0	6	6	0	0.7	0.7	0	0	0	0	0	0	0	0
3/19/2024 13:05	42801 SELI_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/19/2024 13:05	42601 TUSC_T1	18	18	0	0.23	0.2	-0.03	0	0	0	0	0	0	0	0
3/19/2024 13:05	64903 MILL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/19/2024 13:05	48302 ORWI_T2	2	2	0	0.65	0.75	0.1	0	0	0	0	0	0	0	0
3/19/2024 13:06	42802 SELI_T1	0	1	1	0	0.1	0.1	0	0	0	0	0	0	0	0
3/19/2024 13:08	42601 TUSC_T1	18	18	0	0.23	0.2	-0.03	0	0	0	0	0	0	0	0
3/19/2024 13:20	63801 HEMP_T1	1	5	4	0.2	0.26	0.06	0	0	0	0	0	0	0	0
3/19/2024 13:26	61306 EARL_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/19/2024 13:27	63803 HEMP_T1	0	2	2	0	0.25	0.25	0	0	0	0	0	0	0	0
3/19/2024 13:27	61302 EARL_T1	1	0	-1	0.2	0	-0.2	0	0	0	0	0	0	0	0
3/19/2024 13:27	63804 HEMP_T1	1	1	0	6	5.9	-0.1	0	0	0	0	0	0	0	0
3/19/2024 13:28	63804 HEMP_T1	1	1	0	6	5.9	-0.1	0	0	0	0	0	0	0	0
3/19/2024 13:30	63803 HEMP_T1	1	2	1	0.1	0.4	0.3	0	0	0	0	0	0	0	0
3/19/2024 13:31	63801 HEMP_T1	2	4	2	0.35	0.4	0.05	0	0	0	0	0	0	0	0
3/19/2024 13:31	63804 HEMP_T1	1	1	0	5.9	5.9	0	0	0	0	0	0	0	0	0
3/19/2024 13:31	40101 HUNT_T2	44	24	-20	0.41	0	-0.41	0	0	0	0	0	0	0	0
3/19/2024 13:32	39601 LNFD_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/19/2024 13:32	63802 HEMP_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/19/2024 13:33	58401 MORO_T1	1	1	0	0.3	0.2	-0.1	0	0	0	0	0	0	0	0
3/19/2024 13:33	65804 RTWN_T1	0	2	2	0	0.95	0.95	0	0	0	0	0	0	0	0
3/19/2024 13:34	57401 SPAN_T1	11	7	-4	0.53	0.66	0.13	0	0	0	0	0	0	0	0
3/19/2024 13:34	65003 NEFF_T2	4	11	7	0.35	0.45	0.1	0	0	0	0	0	0	0

3/19/2024 14:04	63803 HEMP_T1	2	2	0	0.3	0.3	0	0	0	0	0	0	0	0
3/19/2024 14:05	13905 SEID_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
3/19/2024 14:05	48303 ORWI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
3/19/2024 14:06	67104 SPRI_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
3/19/2024 14:07	45902 AUBU_T1	1	1	0	0.4	0.2	-0.2	0	0	0	0	0	0	0
3/19/2024 14:08	44302 BEAV_T2	0	49	49	0	0.43	0.43	0	0	0	0	0	0	0
3/19/2024 14:08	43001 ALWD_T1	1	3	2	0.1	0.43	0.33	0	0	0	0	0	0	0
3/19/2024 14:08	60701 BREC_T1	4	2	-2	0.23	0.45	0.22	0	0	0	0	0	0	0
3/19/2024 14:09	63803 HEMP_T1	2	2	0	0.3	0.3	0	0	0	0	0	0	0	0
3/19/2024 14:09	67103 SPRI_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
3/19/2024 14:09	61305 EARL_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
3/19/2024 14:09	41602 CLEV_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
3/19/2024 14:09	60701 BREC_T1	4	2	-2	0.23	0.45	0.22	0	0	0	0	0	0	0
3/19/2024 14:10	24101 EHAZ_T1	40	45	5	1.15	1	-0.15	0	0	0	0	0	0	0
3/19/2024 14:10	43001 ALWD_T1	1	3	2	0.1	0.43	0.33	0	0	0	0	0	0	0
3/19/2024 14:10	45502 DERR_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
3/19/2024 14:11	45502 DERR_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
3/19/2024 14:11	45901 AUBU_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
3/19/2024 14:11	65005 NEFF_T2	0	1	1	0	0.3	0.3	0	0	0	0	0	0	0
3/19/2024 14:11	44302 BEAV_T2	0	49	49	0	0.43	0.43	0	0	0	0	0	0	0
3/19/2024 14:11	67605 WARW_T1	45	45	0	0.68	0.57	-0.11	0	0	0	0	0	0	0
3/19/2024 14:12	44301 BEAV_T2	2	13	11	0.9	0.48	-0.42	0	0	0	0	0	0	0
3/19/2024 14:12	41602 CLEV_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
3/19/2024 14:12	45902 AUBU_T1	1	1	0	0.4	0.2	-0.2	0	0	0	0	0	0	0
3/19/2024 14:13	45902 AUBU_T1	1	1	0	0.4	0.2	-0.2	0	0	0	0	0	0	0
3/19/2024 14:13	61301 EARL_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
3/19/2024 14:14	21903 HUMB_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
3/19/2024 14:14	45502 DERR_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
3/19/2024 14:14	29402 BELT_T1	2	23	21	4.05	4.1	0.05	0	0	0	0	0	0	0
3/19/2024 14:14	63802 HEMP_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
3/19/2024 14:14	40901 JESH_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
3/19/2024 14:14	41601 CLEV_T1	1	0	-1	0.5	0	-0.5	0	0	0	0	0	0	0
3/19/2024 14:15	62606 ENGL_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
3/19/2024 14:15	24103 EHAZ_T1	1	0	-1	0.2	0	-0.2	0	0	0	0	0	0	0
3/19/2024 14:15	59301 MCAL_T1	6	6	0	0.53	0.37	-0.16	0	0	0	0	0	0	0
3/19/2024 14:15	26402 INOR_T1	0	1	1	0	0.5	0.5	0	0	0	0	0	0	0
3/19/2024 14:16	40902 JESH_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
3/19/2024 14:16	59003 MIFF_T1	4	2	-2	0.48	0.2	-0.28	0	0	0	0	0	0	0
3/19/2024 14:17	65001 NEFF_T2	147	235	88	0.19	0.25	0.06	0	0	0	0	0	0	0
3/19/2024 14:17	45701 LIND_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
3/19/2024 14:17	59302 MCAL_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
3/19/2024 14:18	25503 MADI_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
3/19/2024 14:18	28805 LAKE_T1	0	17	17	0	0.41	0.41	0	0	0	0	0	0	0
3/19/2024 14:18	52502 PROG_T2	1	2	1	0.1	0.2	0.1	0	0	0	0	0	0	0
3/19/2024 14:18	64101 REFR_T1	5	8	3	0.48	0.5	0.02	0	0	0	0	0	0	0
3/19/2024 14:19	42801 SELI_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
3/19/2024 14:19	64101 REFR_T1	5	8	3	0.48	0.5	0.02	0	0	0	0	0	0	0
3/19/2024 14:19	67202 TEHI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
3/19/2024 14:19	57401 SPAN_T1	4	4	0	0.83	0.5	-0.33	0	0	0	0	0	0	0
3/19/2024 14:19	28803 LAKE_T1	0	9	9	0	0.13	0.13	0	0	0	0	0	0	0
3/19/2024 14:20	63801 HEMP_T1	3	6	3	0.47	0.4	-0.07	0	0	0	0	0	0	0
3/19/2024 14:20	13503 MCMI_T2	54	192	138	0.32	0.38	0.06	0	0	0	0	0	0	0
3/19/2024 14:20	57403 SPAN_T1	15	20	5	0.29	0.32	0.03	0	0	0	0	0	0	0
3/19/2024 14:20	67201 TEHI_T1	97	108	11	0.54	0.61	0.07	0	0	0	0	0	0	0
3/19/2024 14:20	41903 REED_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
3/19/2024 14:21	67202 TEHI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
3/19/2024 14:21	14801 TREI_T2	124	191	67	0.27	0.26	-0.01	0	0	0	0	0	0	0
3/19/2024 14:21	55101 WERT_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
3/19/2024 14:21	67103 SPRI_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
3/19/2024 14:21	57403 SPAN_T1	15	20	5	0.29	0.32	0.03	0	0	0	0	0	0	0
3/19/2024 14:21	57403 SPAN_T1	15	20	5	0.29	0.32	0.03	0	0	0	0	0	0	0
3/19/2024 14:22	63801 HEMP_T1	3	6	3	0.47	0.4	-0.07	0	0	0	0	0	0	0
3/19/2024 14:22	64101 REFR_T1	5	8	3	0.48	0.5	0.02	0	0	0	0	0	0	0
3/19/2024 14:22	57403 SPAN_T1	15	20	5	0.29	0.32	0.03	0	0	0	0	0	0	0
3/19/2024 14:22	41902 REED_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
3/19/2024 14:22	67502 WEWI_T2	4	5	1	0.48	0.34	-0.14	0	0	0	0	0	0	0
3/19/2024 14:22	44301 BEAV_T2	10	11	1	0.47	0.44	-0.03	0	0	0	0	0	0	0
3/19/2024 14:22	45902 AUBU_T1	1	1	0	0.2	0.1	-0.1	0	0	0	0	0	0	0
3/19/2024 14:23	63802 HEMP_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
3/19/2024 14:23	45901 AUBU_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
3/19/2024 14:23	42801 SELI_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
3/19/2024 14:23	43001 ALWD_T1	3	3	0	0.37	0.4	0.03	0	0	0	0	0	0	0
3/19/2024 14:24	29401 BELT_T1	45	74	29	0.25	0.31	0.06	0	0	0	0	0	0	0
3/19/2024 14:24	67503 WEWI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
3/19/2024 14:24	29402 BELT_T1	2	3	1	4.05	4.3	0.25	0	0	0	0	0	0	0
3/19/2024 14:24	63802 HEMP_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
3/19/2024 14:24	60701 BREC_T1	2	2	0	0.1	0.45	0.35	0	0	0	0	0	0	0
3/19/2024 14:25	63803 HEMP_T1	2	5	3	0.25	0.18	-0.07	0	0	0	0	0	0	0
3/19/2024 14:25	63801 HEMP_T1	3	6	3	0.47	0.4	-0.07	0	0	0	0	0	0	0
3/19/2024 14:25	63801 HEMP_T1	3	6	3	0.47	0.4	-0.07	0	0	0	0	0	0	0
3/19/2024 14:25	60801 BUCK_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
3/19/2024 14:25	46005 BERW_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
3/19/2024 14:25	67103 SPRI_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
3/19/2024 14:25	60701 BREC_T1	2	2	0	0.1	0.45	0.35	0	0	0	0	0	0	0
3/19/2024 14:26	29401 BELT_T1	45	74	29	0.25	0.31	0.06	0	0	0	0	0	0	0
3/19/2024 14:26	51603 DUKE_T1	2	3	1	0.55	0.57	0.02	0	0	0	0	0	0	0
3/19/2024 14:26	54501 ENOL_T2	0	4	4	0	0.15	0.15	0	0	0	0	0	0	0
3/19/2024 14:26	44301 BEAV_T2	10	11	1	0.47	0.44	-0.03	0	0	0	0	0	0	0
3/19/2024 14:26	17805 GILB_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
3/19/2024 14:26	60101 COCA_T1	0	2	2	0	0.3	0.3	0	0	0	0	0	0	0
3/19/2024 14:26	10801 CHHI_T1	0	2	2	0	0.1	0.1	0	0	0	0	0	0	0
3/19/2024 14:26	45902 AUBU_T1	1	1	0	0.2	0.1	-0.1	0	0	0	0	0	0	0
3/19/2024 14:26	67502 WEWI_T2	4	5	1	0.48	0.34	-0.14	0	0	0	0	0	0	0
3/19/2024 14:26	43001 ALWD_T1	3	3	0	0.37	0.4	0.03	0	0	0	0	0	0	0
3/19/2024 14:27	52402 GRPA_T2	15	16	1	0.87	0.96	0.09	0	0	0	0	0	0	0
3/19/2024 14:27	46206 DANV_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
3/19/2024 14:27	52401 GRPA_T2	2	2	0	0.65	0.55	-0.1	0	0	0	0	0	0	0
3/19/2024 14:27	54504 ENOL_T2	0	3	3	0	0.37	0.37	0	0	0	0	0	0	0
3/19/2024 14:27	60101 COCA_T1	0	2	2	0	0.3	0.3	0	0	0	0	0	0	0
3/19/2024 14:27	60803 BUCK_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
3/19/2024 14:27	46005 BERW_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
3/19/2024 14:27	17804 GILB_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
3/19/2024 14:27	67605 WARW_T1	29	47	18	0.62	0.55	-0.07	0	0	0	0	0	0	0
3/19/2024 14:27	17801 GILB_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
3/19/2024 14:27	29402 BELT_T1	2	3	1	4.05	4.3	0.25	0	0	0	0	0	0	0
3/19/2024 14:27	29402 BELT_T1	2	3	1	4.05	4.3	0.25	0	0	0	0	0	0	0
3/19/2024 14:28	46203 DANV_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
3/19/2024 14:28	45901 AUBU_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
3/19/2024 14:28	17801 GILB_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
3/19/2024 14:28	52404 GRPA_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
3/19/2024 14:28	17804 GILB_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
3/19/2024 14:28	46001 BERW_T1	1	1	0	0.1	0.1	0	0	0	0	0	0	0	0
3/19/2024 14:28	47002 HUGH_T2	4	3	-1	0.15	0.17	0.02	0	0	0	0	0	0	0
3/19/2024 14:28	54503 ENOL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
3/19/2024 14:28	54503 ENOL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
3/19/2024 14:28	25502 MADI_T1	0	1	1	0	0.2	0.2	0	0	0	0	0	0	0
3/19/2024 14:28	51603 DUKE_T1	2	3	1	0.55	0.57	0.02	0	0	0	0	0	0	0
3/19/2024 14:28	10801 CHHI_T1	0	2	2	0	0.1	0.1	0	0	0	0	0	0	0
3/19/2024 14:29	54501 ENOL_T2	0	4	4	0	0.15	0.15	0	0	0	0	0	0	0
3/19/2024 14:29	52403 GRPA_T2	22	38	16	0.37	0.56	0.19	0	0	0	0	0	0	0
3/19/2024 14:29	21903 HUMB_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
3/19/2024 14:29	52403 GRPA_T2	22	38	16	0.37	0.56	0.19	0	0	0	0	0	0	0
3/19/2024 14:29	41802 GOCI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
3/19/2024 14:29	54503 ENOL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
3/19/2024 14:29	54504 ENOL_T2	0	3	3	0	0.37	0.37	0	0	0	0	0	0	0
3/19/2024 14:29	52403 GRPA_T2	22	38	16	0.37	0.56	0.19	0	0	0	0	0	0	0
3/19/2024 14:29	17803 GILB_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
3/19/2024 14:29	29402 BELT_T1	2	3	1	4.05	4.3	0.25	0	0	0	0	0	0	0
3/19/2024 14:30	17804 GILB_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
3/19/2024 14:30	50501 MECH_T1	8	5	-3	0.93	0.96	0.03	0	0	0	0	0	0	0
3/19/2024 14:30	63803 HEMP_T1	1	6	5	0.5	0.23	-0.27	0	0	0	0	0	0	0
3/19/2024 14:30	52403 GRPA_T2	31	31	0	0.6	0.48	-0.12	0	0	0	0	0	0	0
3/19/2024 14:30	40902 JESH_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
3/19/2024 14:30	13503 MCMI_T2	181	162	-19	0.39	0.35	-0.04	0	0	0	0	0	0	0
3/19/2024 14:31	41801 GOCI_T2	1	7	6	0.4	0.26	-0.14	0	0	0	0	0	0	0
3/19/2024 14:31	52402 GRPA_T2	16	15	-1	0.96	0.81	-0.15	0	0	0	0	0	0	0
3/19/2024 14:31	52202 DEVO_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
3/19/2024 14:31	50502 MECH_T1	2	1	-1	1.35	2.1	0.75	0	0	0	0	0	0	0
3/19/2024 14:31	54502 ENOL_T2	1	1	0	0.4	0.2	-0.2	0	0	0	0	0	0	0
3/19/2024 14:31	10801 CHHI_T1	2	0	-2	0.1	0	-0.1	0	0	0	0	0	0	0
3/19/2024 14:31	58402 MORO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
3/19/2024 14:32	58402 MORO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
3/19/2024 14:32	13501 MCMI_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
3/19/2024 14:32	40902 JESH_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
3/19/2024 14:32	52403 GRPA_T2	31	31	0	0.6	0.48	-0.12	0	0	0	0	0	0	0
3/19/2024 14:32	50504 MECH_T1	7	2	-5	0.34	0.15	-0.19	0	0	0	0	0	0	0
3/19/2024 14:32	52401 GRPA_T2	1	2	1	0.8	0.45	-0.35	0	0	0	0	0	0	0
3/19/2024 14:32	65903 SAKR_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
3/19/2024 14:32	42901 MIDD_T2	4	1	-3	0.38	0.3	-0.08	0	0	0	0	0	0	0
3/19/2024 14:32	47403 PENS_T1	4	7	3	0.25	0.67	0.42	0	0	0	0	0	0	0
3/19/2024 14:32	13503 MCMI_T2	181	162	-19	0.39	0.35	-0.04	0	0	0	0	0	0	0
3/19/2024 14:33	13501 MCMI_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
3/19/2024 14:33	47401 PENS_T1	26	37	11	0.32	0.32	0	0	0	0	0	0	0	0
3/19/2024 14:33	65004 NEFF_T2	10	14	4	0.33	0.34	0.01	0	0	0	0	0	0	0
3/19/2024 14:33	46803 HEPB_T2	1	2	1	0.2	0.2	0	0	0	0	0	0	0	0
3/19/2024 14:33	13503 MCMI_T2	181	162	-19	0.39	0.35	-0.04	0	0	0	0	0	0	0
3/19/2024 14:34	47401 PENS_T1	26	37	11	0.32	0.32	0	0	0	0	0	0	0	0
3/19/2024 14:34	52503 PROG_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
3/19/2024 14:34	28803 LAKE_T1	9	0	-9	0.13	0	-0.13	0	0	0	0	0	0	0
3/19/2024 14:34	64101 REFR_T1	8	8	0	0.46	0.4	-0.06	0	0	0	0	0	0	0
3/19/2024 14:34	65901 SAKR_T2	3	2	-1	3.63	4.95	1.32	0	0	0	0	0	0	0
3/19/2024 14:34	17805 GILB_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
3/19/2024 14:34	42903 MIDD_T2	3	2	-1	1.1	1.25	0.15	0	0	0	0	0	0	0
3/19/2024 14:34	13502 MCMI_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
3/19/2024 14:35	67204 TEHI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
3/19/2024 14:35	41901 REED_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
3/19/2024 14:35	50502 MECH_T1	2	1	-1	1.35	2.1	0.75	0	0	0	0	0	0	0
3/19/2024 14:35	67103 SPRI_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
3/19/2024 14:35	47403 PENS_T1	4	7	3	0.25	0.67	0.42	0	0	0	0	0	0	0
3/19/2024 14:35	28803 LAKE_T1	624	192	-432	1.18	0.27	-0.91	0	0	0	0	0	0	0
3/19/2024 14:35	57403 SPAN_T1	20	13	-7	0.3	0.33	0.03	0	0	0	0	0	0	0
3/19/2024 14:36	57403 SPAN_T1	20	13	-7	0.3	0.33	0.03	0	0	0	0	0	0	0
3/19/2024 14:36	52002 LING_T2	1	1	0	0.5	0.1	-0.4	0	0	0	0	0	0	0
3/19/2024 14:36	65005 NEFF_T2	1	1	0	0.3	0.4	0.1	0	0	0	0	0	0	0
3/19/2024 14:36	58002 WCAR_T2	5	2	-3	0.36	0.3	-0.06	0	0	0	0	0	0	0
3/19/2024 14:36	51304 WIND_T2	1	0	-1	0.2	0	-0.2	0	0	0	0	0	0	0
3/19/2024 14:36	40603 PGR_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
3/19/2024 14:36	41903 REED_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
3/19/2024 14:36	64101 REFR_T1	8	8	0	0.46	0.4	-0.06	0	0	0	0	0	0	0
3/19/2024 14:36	14802 TREI_T2	36	44	8	0.24	0.28	0.04	0	0	0	0	0	0	0
3/19/2024 14:37	41903 REED_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
3/19/2024 14:37	45901 AUBU_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
3/19/2024 14:37	67204 TEHI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
3/19/2024 14:37	57403 SPAN_T1	20	13	-7	0.3	0.33	0.03	0	0	0	0	0	0	0
3/19/2024 14:37	14802 TREI_T2	36	44	8	0.24	0.28	0.04	0	0	0	0	0	0	0
3/19/2024 14:37	67104 SPRI_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
3/19/2024 14:37	47402 PENS_T1	0	2	2	0	0.35	0.35	0	0	0	0	0	0	0
3/19/2024 14:38	45902 AUBU_T1	0	1	1	0	0.2	0.2	0	0	0	0	0	0	0
3/19/2024 14:38	46001 BERW_T1	1	1	0	0.1	0.1	0	0	0	0	0	0	0	0
3/19/2024 14:38	29401 BELT_T1	64	75	11	0.32	0.28	-0.04	0	0	0	0	0	0	0
3/19/2024 14:38	57401 SPAN_T1	4	4	0	0.5	0.63	0.13	0	0	0	0	0	0	0
3/19/2024 14:38	64101 REFR_T1	8	8	0

Appendix C - Grid Benefits Achieved in Each Instance of Active Management

3/19/2024 14:43	52403 GRPA_T2	31	31	0	0.6	0.48	-0.12	0	0	0	0	0	0	0
3/19/2024 14:43	46003 BERW_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
3/19/2024 14:43	52404 GRPA_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
3/19/2024 14:43	60102 COCA_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
3/19/2024 14:44	52402 GRPA_T2	16	15	-1	0.96	0.81	-0.15	0	0	0	0	0	0	0
3/19/2024 14:44	17805 GILB_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
3/19/2024 14:44	52402 GRPA_T2	16	15	-1	0.96	0.81	-0.15	0	0	0	0	0	0	0
3/19/2024 14:44	52404 GRPA_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
3/19/2024 14:44	41601 CLEV_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
3/19/2024 14:44	45902 AUBU_T1	0	1	1	0	0.2	0.2	0	0	0	0	0	0	0
3/19/2024 14:45	17803 GILB_T2	0	3	3	0	0.13	0.13	0	0	0	0	0	0	0
3/19/2024 14:45	28805 LAKE_T1	10	10	0	0.12	0.15	0.03	0	0	0	0	0	0	0
3/19/2024 14:45	13501 MCMI_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
3/19/2024 14:45	21903 HUMB_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
3/19/2024 14:45	26002 WDAM_T1	5	2	-3	0.32	0.3	-0.02	0	0	0	0	0	0	0
3/19/2024 14:45	41802 GOCI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
3/19/2024 14:46	52401 GRPA_T2	2	2	0	0.25	0.75	0.5	0	0	0	0	0	0	0
3/19/2024 14:46	41802 GOCI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
3/19/2024 14:46	60101 COCA_T1	2	5	3	0.3	0.6	0.3	0	0	0	0	0	0	0
3/19/2024 14:46	24101 EHAZ_T1	36	39	3	0.84	0.84	0	0	0	0	0	0	0	0
3/19/2024 14:46	52404 GRPA_T2	0	1	1	0	0.5	0.5	0	0	0	0	0	0	0
3/19/2024 14:46	13503 MCMI_T2	159	108	-51	0.34	0.35	0.01	0	0	0	0	0	0	0
3/19/2024 14:46	40902 JESH_T1	0	2	2	0	0.1	0.1	0	0	0	0	0	0	0
3/19/2024 14:47	42002 MNVL_T2	1	1	0	5.8	5.6	-0.2	0	0	0	0	0	0	0
3/19/2024 14:47	10801 CHHI_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
3/19/2024 14:47	13503 MCMI_T2	159	108	-51	0.34	0.35	0.01	0	0	0	0	0	0	0
3/19/2024 14:47	47401 PENS_T1	35	26	-9	0.33	0.32	-0.01	0	0	0	0	0	0	0
3/19/2024 14:48	13503 MCMI_T2	159	108	-51	0.34	0.35	0.01	0	0	0	0	0	0	0
3/19/2024 14:48	42902 MIDD_T2	4	18	14	0.5	0.27	-0.23	0	0	0	0	0	0	0
3/19/2024 14:48	47401 PENS_T1	35	26	-9	0.33	0.32	-0.01	0	0	0	0	0	0	0
3/19/2024 14:48	40901 JESH_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
3/19/2024 14:48	29402 BELT_T1	2	3	1	4.3	2.9	-1.4	0	0	0	0	0	0	0
3/19/2024 14:48	52402 GRPA_T2	11	14	3	0.82	0.87	0.05	0	0	0	0	0	0	0
3/19/2024 14:48	59302 MCAL_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
3/19/2024 14:48	13501 MCMI_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
3/19/2024 14:48	58401 MORO_T1	0	1	1	0	0.2	0.2	0	0	0	0	0	0	0
3/19/2024 14:49	28801 LAKE_T1	182	158	-24	0.27	0.25	-0.02	0	0	0	0	0	0	0
3/19/2024 14:49	65002 NEFF_T2	4	7	3	0.1	0.16	0.06	0	0	0	0	0	0	0
3/19/2024 14:49	42002 MNVL_T2	1	1	0	5.8	5.6	-0.2	0	0	0	0	0	0	0
3/19/2024 14:49	47401 PENS_T1	35	26	-9	0.33	0.32	-0.01	0	0	0	0	0	0	0
3/19/2024 14:49	13502 MCMI_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
3/19/2024 14:49	13503 MCMI_T2	159	108	-51	0.34	0.35	0.01	0	0	0	0	0	0	0
3/19/2024 14:49	46803 HEPB_T2	2	1	-1	0.15	0.3	0.15	0	0	0	0	0	0	0
3/19/2024 14:50	47401 PENS_T1	35	26	-9	0.33	0.32	-0.01	0	0	0	0	0	0	0
3/19/2024 14:51	55103 WERT_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
3/19/2024 14:51	64101 REFR_T1	7	8	1	0.37	0.34	-0.03	0	0	0	0	0	0	0
3/19/2024 14:52	42701 AUGU_T1	3	2	-1	0.2	0.25	0.05	0	0	0	0	0	0	0
3/19/2024 14:53	46003 BERW_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
3/19/2024 14:53	42701 AUGU_T1	3	2	-1	0.2	0.25	0.05	0	0	0	0	0	0	0
3/19/2024 14:54	46003 BERW_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
3/19/2024 14:54	43102 SMIL_T2	7	7	0	0.96	0.89	-0.07	0	0	0	0	0	0	0
3/19/2024 14:54	67402 WAKE_T2	1	2	1	0.5	0.35	-0.15	0	0	0	0	0	0	0
3/19/2024 14:54	42701 AUGU_T1	3	2	-1	0.2	0.25	0.05	0	0	0	0	0	0	0
3/19/2024 14:55	45902 AUBU_T1	1	1	0	0.1	0.2	0.1	0	0	0	0	0	0	0
3/19/2024 14:56	26001 WDAM_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
3/19/2024 14:56	54506 ENOL_T2	0	1	1	0	0	0	0	0	0	0	0	0	0
3/19/2024 14:56	54502 ENOL_T2	1	1	0	0.2	0.2	0	0	0	0	0	0	0	0
3/19/2024 14:57	54502 ENOL_T2	1	1	0	0.2	0.2	0	0	0	0	0	0	0	0
3/19/2024 14:57	54506 ENOL_T2	0	1	1	0	0	0	0	0	0	0	0	0	0
3/19/2024 14:58	54506 ENOL_T2	0	1	1	0	0	0	0	0	0	0	0	0	0
3/19/2024 14:58	54501 ENOL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
3/19/2024 14:58	65004 NEFF_T2	12	11	-1	0.33	0.32	-0.01	0	0	0	0	0	0	0
3/19/2024 14:58	29401 BELT_T1	70	57	-13	0.28	0.22	-0.06	0	0	0	0	0	0	0
3/19/2024 14:58	10801 CHHI_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
3/19/2024 14:59	54504 ENOL_T2	0	1	1	0	0.1	0.1	0	0	0	0	0	0	0
3/19/2024 14:59	54506 ENOL_T2	0	1	1	0	0	0	0	0	0	0	0	0	0
3/19/2024 15:00	25503 MADI_T1	1	0	-1	0.2	0	-0.2	0	0	0	0	0	0	0
3/19/2024 15:00	45902 AUBU_T1	1	0	-1	0.2	0	-0.2	0	0	0	0	0	0	0
3/19/2024 15:00	54505 ENOL_T2	1	1	0	1	1.2	0.2	0	0	0	0	0	0	0
3/19/2024 15:00	54502 ENOL_T2	1	1	0	0.2	0.3	0.1	0	0	0	0	0	0	0
3/19/2024 15:01	42903 MIDD_T2	2	2	0	1.25	1.45	0.2	0	0	0	0	0	0	0
3/19/2024 15:01	54502 ENOL_T2	1	1	0	0.2	0.3	0.1	0	0	0	0	0	0	0
3/19/2024 15:01	54506 ENOL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
3/19/2024 15:01	54506 ENOL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
3/19/2024 15:01	54506 ENOL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
3/19/2024 15:01	28801 LAKE_T1	155	177	22	0.25	0.27	0.02	0	0	0	0	0	0	0
3/19/2024 15:01	45802 HEGI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
3/19/2024 15:02	54505 ENOL_T2	1	1	0	1	1.2	0.2	0	0	0	0	0	0	0
3/19/2024 15:02	47401 PENS_T1	26	6	-20	0.32	0.5	0.18	0	0	0	0	0	0	0
3/19/2024 15:02	58401 MORO_T1	0	1	1	0	0.2	0.2	0	0	0	0	0	0	0
3/19/2024 15:03	10801 CHHI_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
3/19/2024 15:03	58402 MORO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
3/19/2024 15:04	47401 PENS_T1	26	6	-20	0.32	0.5	0.18	0	0	0	0	0	0	0
3/19/2024 15:05	28805 LAKE_T1	10	1	-9	0.15	0.1	-0.05	0	0	0	0	0	0	0
3/19/2024 15:05	14401 SSLA_T1	27	21	-6	0.45	0.33	-0.12	0	0	0	0	0	0	0
3/19/2024 15:06	24902 WHHA_T1	0	1	1	0	0	0	0	0	0	0	0	0	0
3/19/2024 15:07	14402 SSLA_T1	323	287	-36	0.31	0.3	-0.01	0	0	0	0	0	0	0
3/19/2024 15:07	47403 PENS_T1	3	3	0	0.33	0.27	-0.06	0	0	0	0	0	0	0
3/19/2024 15:07	45602 WOOL_T1	3	3	0	0.73	0.8	0.07	0	0	0	0	0	0	0
3/19/2024 15:10	45901 AUBU_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
3/19/2024 15:10	51601 DUKE_T1	1	0	-1	0.3	0	-0.3	0	0	0	0	0	0	0
3/19/2024 15:11	45601 WOOL_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
3/19/2024 15:12	45602 WOOL_T1	3	3	0	0.73	0.8	0.07	0	0	0	0	0	0	0
3/19/2024 15:13	24104 EHAZ_T1	1	1	0	0.1	0.1	0	0	0	0	0	0	0	0
3/19/2024 15:13	51603 DUKE_T1	2	2	0	0.65	0.5	-0.15	0	0	0	0	0	0	0
3/19/2024 15:13	10801 CHHI_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
3/19/2024 15:14	51603 DUKE_T1	2	2	0	0.65	0.5	-0.15	0	0	0	0	0	0	0
3/19/2024 15:14	17802 GILB_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
3/19/2024 15:15	17802 GILB_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
3/19/2024 15:16	45601 WOOL_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
3/19/2024 15:16	45902 AUBU_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
3/19/2024 15:18	41901 REED_T1	0	2	2	0	0.15	0.15	0	0	0	0	0	0	0
3/19/2024 15:18	24103 EHAZ_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
3/19/2024 15:19	65001 NEFF_T2	222	254	32	0.24	0.4	0.16	0	0	0	0	0	0	0
3/19/2024 15:19	59001 MIFF_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
3/19/2024 15:19	41901 REED_T1	0	2	2	0	0.15	0.15	0	0	0	0	0	0	0
3/19/2024 15:19	10801 CHHI_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
3/19/2024 15:21	14801 TREI_T2	117	152	35	0.22	0.22	0	0	0	0	0	0	0	0
3/19/2024 15:21	14402 SSLA_T1	244	285	41	0.29	0.28	-0.01	0	0	0	0	0	0	0
3/19/2024 15:22	67503 WEWI_T2	0	1	1	0	0.1	0.1	0	0	0	0	0	0	0
3/19/2024 15:23	67502 WEWI_T2	7	30	23	0.3	0.25	-0.05	0	0	0	0	0	0	0
3/19/2024 15:24	46002 BERW_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
3/19/2024 15:24	10801 CHHI_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
3/19/2024 15:25	67502 WEWI_T2	7	30	23	0.3	0.25	-0.05	0	0	0	0	0	0	0
3/19/2024 15:26	45902 AUBU_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
3/19/2024 15:28	45802 HEGI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
3/19/2024 15:29	24105 EHAZ_T1	4	4	0	5.38	5.25	-0.13	0	0	0	0	0	0	0
3/19/2024 15:29	10801 CHHI_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
3/19/2024 15:31	45902 AUBU_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
3/19/2024 15:31	50505 MECH_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
3/19/2024 15:31	45802 HEGI_T2	0	1	1	0	0	0	0	0	0	0	0	0	0
3/19/2024 15:34	41903 REED_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
3/19/2024 15:34	24104 EHAZ_T1	1	0	-1	0.1	0	-0.1	0	0	0	0	0	0	0
3/19/2024 15:35	41903 REED_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
3/19/2024 15:37	63401 HONY_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
3/19/2024 15:38	63801 HEMP_T1	7	7	0	0.47	0.33	-0.14	0	0	0	0	0	0	0
3/19/2024 15:39	24102 EHAZ_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
3/19/2024 15:39	29401 BELT_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
3/19/2024 15:40	65001 NEFF_T2	254	67	-187	0.4	0.13	-0.27	0	0	0	0	0	0	0
3/19/2024 15:40	10801 CHHI_T1	0	1	1	0	0.1	0.1	0	0	0	0	0	0	0
3/19/2024 15:40	29401 BELT_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
3/19/2024 15:42	45901 AUBU_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
3/19/2024 15:43	10805 CHHI_T2	7	7	0	2	7.8	5.8	0	0	0	0	0	0	0
3/19/2024 15:43	63801 HEMP_T1	7	7	0	0.47	0.33	-0.14	0	0	0	0	0	0	0
3/19/2024 15:44	24105 EHAZ_T1	4	4	0	5.28	5.3	0.02	0	0	0	0	0	0	0
3/19/2024 15:44	45502 DERR_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
3/19/2024 15:45	10801 CHHI_T1	0	1	1	0	0.1	0.1	0	0	0	0	0	0	0
3/19/2024 15:47	45902 AUBU_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
3/19/2024 15:49	42202 SHEN_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
3/19/2024 15:52	45902 AUBU_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
3/19/2024 15:54	67103 SPRI_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
3/19/2024 15:56	10801 CHHI_T1	0	1	1	0	0.1	0.1	0	0	0	0	0	0	0
3/19/2024 15:58	45902 AUBU_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
3/19/2024 16:01	10801 CHHI_T1	1	0	-1	0.1	0	-0.1	0	0	0	0	0	0	0
3/19/2024 16:04	46301 ROHR_T1	54	55	1	0.19	0.19	0	0	0	0	0	0	0	0
3/19/2024 16:07	59101 WALK_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
3/19/2024 16:08	45902 AUBU_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
3/19/2024 16:08	46302 ROHR_T1	2	4	2	3.05	1.9	-1.15	0	0	0	0	0	0	0
3/19/2024 16:09	59102 WALK_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
3/19/2024 16:10	67103 SPRI_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
3/19/2024 16:10	59102 WALK_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
3/19/2024 16:11	10801 CHHI_T1	1	0	-1	0.1	0	-0.1	0	0	0	0	0	0	0
3/19/2024 16:12	65003 NEFF_T2	1	1	0	0.1	0.3	0.2	0	0	0	0	0	0	0
3/19/2024 16:13	45901 AUBU_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
3/19/2024 16:13	45802 HEGI_T2	1	0	-1	1.1	0	-1.1	0	0	0	0	0	0	0
3/19/2024 16:15	45802 HEGI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
3/19/2024 16:16	10801 CHHI_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
3/19/2024 16:23	59101 WALK_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
3/19/2024 16:24	45902 AUBU_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
3/19/2024 16:25	59102 WALK_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
3/19/2024 16:26	67602 WARW_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
3/19/2024 16:26	59101 WALK_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
3/19/2024 16:27	67601 WARW_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
3/19/2024 16:29	63803 HEMP_T1	1	1	0	0.2	0.1	-0.1	0	0	0	0	0	0	0
3/19/2024 16:29	40101 HUNT_T2	0	3	3	0	0	0	0	0	0	0	0	0	0
3/19/2024 16:29	45902 AUBU_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
3/19/2024 16:29	67602 WARW_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
3/19/2024 16:38	65001 NEFF_T2	138	153	15	0.15	0.15	0	0	0	0	0	0	0	0
3/19/2024 16:54	10801 CHHI_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
3/19/2024 16:55	40501 CRES_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
3/19/2024 16:57	40502 CRES_T2	3	2	-1	0.1	0.1	0	0	0	0	0	0	0	0
3/19/2024 16:59	65004 NEFF_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
3/19/2024 16:59	10801 CHHI_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
3/19/2024 17:00	54502 ENOL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
3/19/2024 17:04	65002 NEFF_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
3/19/2024 17:06	59101 WALK_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
3/19/2024 17:32	41901 REED_T1	5	7	2	0.18	0.24	0.06	0	0	0	0	0	0	0
3/19/2024 17:47	57301 MOAL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
3/19/2024 17:50	57306 MOAL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
3/19/2024 18:27	41801 GOCI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
3/19/2024 18:44	52404 GRPA_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
3/19/2024 18:46	54503 ENOL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
3/19/2024 18:49	65004 NEFF_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
3/19/2024 19:57	65003 NEFF_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
3/19/2024 20:08	65903 SAKR_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
3/19/2024 20:18	65005 NEFF_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
3/19/2024 20:34	29401 BELT_T1	4	11	7	0.13	0.13	0	0	0	0	0	0	0	0
3/19/2024 20:38	56802 BENV_T2	1	2	1	0.2	0.15	-0.05	0	0	0	0	0	0	0
3/19/2024 20:39	29401 BELT_T1	4	11	7	0.13	0.13	0	0	0	0	0	0	0	0
3/19/2024 20:41	56802 BENV_T2	1	2	1	0.2	0.15	-0.05	0	0	0	0	0	0	0
3/19/2024 20:46	17801 GILB_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
3/19/2024 20:47	59101 WALK_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
3/19/2024 20:47	29401 BELT_T1	1	11	10	0.1	0.13	0.03	0	0	0	0	0	0	0
3/19/2024 20:48	17804 GIL

3/19/2024 20:59	29402 BELT_T1	2	2	0	4.4	4.15	-0.25	0	0	0	0	0	0	0
3/19/2024 20:59	46005 BERW_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
3/19/2024 20:59	47403 PENS_T1	16	0	-16	0.15	0	-0.15	0	0	0	0	0	0	0
3/19/2024 21:00	20401 ASHF_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
3/19/2024 21:00	48901 FOSP_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
3/19/2024 21:00	29401 BELT_T1	11	0	-11	0.13	0	-0.13	0	0	0	0	0	0	0
3/19/2024 21:01	17802 GILB_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
3/19/2024 21:01	45901 AUBU_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
3/19/2024 21:01	15001 BLMO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
3/19/2024 21:01	48303 ORWI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
3/19/2024 21:01	46003 BERW_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
3/19/2024 21:01	40201 BEGA_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
3/19/2024 21:02	28701 HAML_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
3/19/2024 21:02	14401 SSLA_T1	11	0	-11	0.18	0	-0.18	0	0	0	0	0	0	0
3/19/2024 21:02	47001 HUGH_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
3/19/2024 21:03	41802 GOCI_T2	1	0	-1	0.1	0	-0.1	0	0	0	0	0	0	0
3/19/2024 21:03	46302 ROHR_T1	2	4	2	3.15	1.68	-1.47	0	0	0	0	0	0	0
3/19/2024 21:03	16401 MOPO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
3/19/2024 21:03	48901 FOSP_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
3/19/2024 21:03	17803 GILB_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
3/19/2024 21:03	44601 SALE_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
3/19/2024 21:03	15001 BLMO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
3/19/2024 21:03	10805 CHHI_T2	7	10	3	2.1	1.64	-0.46	0	0	0	0	0	0	0
3/19/2024 21:04	62607 ENGL_T1	1	1	0	1.1	0.6	-0.5	0	0	0	0	0	0	0
3/19/2024 21:04	41801 GOCI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
3/19/2024 21:04	45502 DERR_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
3/19/2024 21:05	29402 BELT_T1	2	2	0	4.55	6.6	2.05	0	0	0	0	0	0	0
3/19/2024 21:05	13503 MCMI_T2	7	2	-5	0.19	0.2	0.01	0	0	0	0	0	0	0
3/19/2024 21:05	45901 AUBU_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
3/19/2024 21:05	20402 ASHF_T2	0	2	2	0	0	0	0	0	0	0	0	0	0
3/19/2024 21:05	40101 HUNT_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
3/19/2024 21:05	15001 BLMO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
3/19/2024 21:06	17804 GILB_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
3/19/2024 21:06	42701 AUGU_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
3/19/2024 21:06	23902 EFMO_T2	0	1	1	0	0	0	0	0	0	0	0	0	0
3/19/2024 21:06	40101 HUNT_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
3/19/2024 21:07	46001 BERW_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
3/19/2024 21:07	14401 SSLA_T1	11	0	-11	0.18	0	-0.18	0	0	0	0	0	0	0
3/19/2024 21:07	14403 SSLA_T1	9	0	-9	0.23	0	-0.23	0	0	0	0	0	0	0
3/19/2024 21:07	64201 KINZ_T1	2	5	3	0.5	0.4	-0.1	0	0	0	0	0	0	0
3/19/2024 21:07	48302 ORWI_T2	2	2	0	1.2	1.5	0.3	0	0	0	0	0	0	0
3/19/2024 21:07	15001 BLMO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
3/19/2024 21:07	43201 MVIL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
3/19/2024 21:07	42701 AUGU_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
3/19/2024 21:07	44601 SALE_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
3/19/2024 21:08	20403 ASHF_T2	0	1	1	0	0	0	0	0	0	0	0	0	0
3/19/2024 21:08	42701 AUGU_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
3/19/2024 21:08	14802 TREI_T2	9	0	-9	0.31	0	-0.31	0	0	0	0	0	0	0
3/19/2024 21:08	51302 WIND_T2	0	1	1	0	0.1	0.1	0	0	0	0	0	0	0
3/19/2024 21:08	41601 CLEV_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
3/19/2024 21:09	26401 INOR_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
3/19/2024 21:09	62607 ENGL_T1	1	1	0	1.1	0.6	-0.5	0	0	0	0	0	0	0
3/19/2024 21:09	61301 EARL_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
3/19/2024 21:09	51601 DUKE_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
3/19/2024 21:09	28801 LAKE_T1	626	627	1	1.09	1.12	0.03	0	0	0	0	0	0	0
3/19/2024 21:09	41601 CLEV_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
3/19/2024 21:09	64201 KINZ_T1	2	5	3	0.5	0.4	-0.1	0	0	0	0	0	0	0
3/19/2024 21:09	40603 PIGR_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
3/19/2024 21:09	26001 WDAM_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
3/19/2024 21:09	45502 DERR_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
3/19/2024 21:10	43202 MVIL_T2	57	58	1	0.44	0.38	-0.06	0	0	0	0	0	0	0
3/19/2024 21:10	57403 SPAN_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
3/19/2024 21:10	48302 ORWI_T2	2	2	0	1.2	1.5	0.3	0	0	0	0	0	0	0
3/19/2024 21:10	40602 PIGR_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
3/19/2024 21:10	20403 ASHF_T2	0	1	1	0	0	0	0	0	0	0	0	0	0
3/19/2024 21:10	42701 AUGU_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
3/19/2024 21:10	65001 NEFF_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
3/19/2024 21:10	67002 STHI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
3/19/2024 21:10	59302 MCAL_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
3/19/2024 21:11	67105 SPRI_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
3/19/2024 21:11	54503 ENOL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
3/19/2024 21:11	61101 BERK_T5	0	0	0	0	0	0	0	0	0	0	0	0	0
3/19/2024 21:11	17805 GILB_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
3/19/2024 21:11	46204 DANV_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
3/19/2024 21:11	47402 PENS_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
3/19/2024 21:11	67601 WARW_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
3/19/2024 21:11	64203 KINZ_T1	0	4	4	0	0.13	0.13	0	0	0	0	0	0	0
3/19/2024 21:11	46004 BERW_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
3/19/2024 21:11	67001 STHI_T2	1	1	0	0.1	0.1	0	0	0	0	0	0	0	0
3/19/2024 21:11	65004 NEFF_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
3/19/2024 21:11	45501 DERR_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
3/19/2024 21:11	45901 AUBU_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
3/19/2024 21:11	67605 WARW_T1	13	21	8	0.33	0.35	0.02	0	0	0	0	0	0	0
3/19/2024 21:11	60102 COCA_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
3/19/2024 21:11	46001 BERW_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
3/19/2024 21:12	66503 SMAN_T2	29	182	153	0.13	0.23	0.1	0	0	0	0	0	0	0
3/19/2024 21:12	43105 SMIL_T2	2	2	0	0.1	0.1	0	0	0	0	0	0	0	0
3/19/2024 21:12	64101 REFR_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
3/19/2024 21:12	46201 DANV_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
3/19/2024 21:12	57403 SPAN_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
3/19/2024 21:12	67002 STHI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
3/19/2024 21:12	54505 ENOL_T2	1	1	0	0.7	0.9	0.2	0	0	0	0	0	0	0
3/19/2024 21:12	53501 EVIL_T2	1	1	0	0.5	0.4	-0.1	0	0	0	0	0	0	0
3/19/2024 21:12	59102 WALK_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
3/19/2024 21:12	42203 SHEN_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
3/19/2024 21:13	46206 DANV_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
3/19/2024 21:13	42701 AUGU_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
3/19/2024 21:13	63801 HEMP_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
3/19/2024 21:13	65904 SAKR_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
3/19/2024 21:13	67503 WEWI_T2	0	3	3	0	0.1	0.1	0	0	0	0	0	0	0
3/19/2024 21:13	56603 HAMP_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
3/19/2024 21:13	28805 LAKE_T1	15	14	-1	0.55	0.46	-0.09	0	0	0	0	0	0	0
3/19/2024 21:13	61301 EARL_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
3/19/2024 21:13	60701 BREC_T1	9	406	397	0.11	0.33	0.22	0	0	0	0	0	0	0
3/19/2024 21:13	40502 CRES_T2	9	13	4	0.2	0.22	0.02	0	0	0	0	0	0	0
3/19/2024 21:13	61101 BERK_T5	0	0	0	0	0	0	0	0	0	0	0	0	0
3/19/2024 21:13	60201 ATGL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
3/19/2024 21:13	40603 PIGR_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
3/19/2024 21:13	40201 BEGA_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
3/19/2024 21:13	40101 HUNT_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
3/19/2024 21:13	64101 REFR_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
3/19/2024 21:13	67002 STHI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
3/19/2024 21:13	56802 BENV_T2	1	14	13	0.2	0.14	-0.06	0	0	0	0	0	0	0
3/19/2024 21:14	40903 JESH_T1	30	58	28	0.12	0.14	0.02	0	0	0	0	0	0	0
3/19/2024 21:14	59101 WALK_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
3/19/2024 21:14	42201 SHEN_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
3/19/2024 21:14	61301 EARL_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
3/19/2024 21:14	40501 CRES_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
3/19/2024 21:14	63802 HEMP_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
3/19/2024 21:14	42803 SELI_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
3/19/2024 21:14	54503 ENOL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
3/19/2024 21:14	60203 ATGL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
3/19/2024 21:14	55001 NEWP_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
3/19/2024 21:14	67105 SPRI_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
3/19/2024 21:14	64203 KINZ_T1	0	4	4	0	0.13	0.13	0	0	0	0	0	0	0
3/19/2024 21:14	67001 STHI_T2	1	1	0	0.1	0.1	0	0	0	0	0	0	0	0
3/19/2024 21:14	67602 WARW_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
3/19/2024 21:14	43202 MVIL_T2	57	58	1	0.44	0.38	-0.06	0	0	0	0	0	0	0
3/19/2024 21:14	67202 TEHI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
3/19/2024 21:14	60701 BREC_T1	9	406	397	0.11	0.33	0.22	0	0	0	0	0	0	0
3/19/2024 21:15	67203 TEHI_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
3/19/2024 21:15	47403 PENS_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
3/19/2024 21:15	58401 MORO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
3/19/2024 21:15	62606 ENGL_T1	0	1	1	0	0.1	0.1	0	0	0	0	0	0	0
3/19/2024 21:15	51601 DUKE_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
3/19/2024 21:15	67604 WARW_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
3/19/2024 21:15	66502 SMAN_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
3/19/2024 21:15	42701 AUGU_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
3/19/2024 21:15	40602 PIGR_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
3/19/2024 21:15	57403 SPAN_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
3/19/2024 21:15	46205 DANV_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
3/19/2024 21:15	67502 WEWI_T2	3	0	-3	0.1	0	-0.1	0	0	0	0	0	0	0
3/19/2024 21:15	53902 HALI_T2	1	1	0	5.4	5.7	0.3	0	0	0	0	0	0	0
3/19/2024 21:15	46302 ROHR_T1	4	4	0	1.5	1.78	0.28	0	0	0	0	0	0	0
3/19/2024 21:15	45402 WBLO_T2	20	46	26	0.13	0.27	0.14	0	0	0	0	0	0	0
3/19/2024 21:15	63801 HEMP_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
3/19/2024 21:15	67202 TEHI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
3/19/2024 21:15	61101 BERK_T5	0	0	0	0	0	0	0	0	0	0	0	0	0
3/19/2024 21:15	67001 STHI_T2	1	1	0	0.1	0.2	0.1	0	0	0	0	0	0	0
3/19/2024 21:15	60803 BUCK_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
3/19/2024 21:15	40201 BEGA_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
3/19/2024 21:16	59003 MIFF_T1	0	1	1	0	0.1	0.1	0	0	0	0	0	0	0
3/19/2024 21:16	52403 GRPA_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
3/19/2024 21:16	56802 BENV_T2	12	127	115	0.13	0.28	0.15	0	0	0	0	0	0	0
3/19/2024 21:16	52401 GRPA_T2	12	1	-11	0.12	0.1	-0.02	0	0	0	0	0	0	0
3/19/2024 21:16	58006 WCAR_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
3/19/2024 21:16	65001 NEFF_T2	96	219	123	0.15	0.23	0.08	0	0	0	0	0	0	0
3/19/2024 21:16	67605 WARW_T1	13	18	5	0.35	0.36	0.01	0	0	0	0	0	0	0
3/19/2024 21:16	52401 GRPA_T2	12	1	-11	0.12	0.1	-0.02	0	0	0	0	0	0	0
3/19/2024 21:16	62601 ENGL_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
3/19/2024 21:16	40101 HUNT_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
3/19/2024 21:16	47402 PENS_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
3/19/2024 21:16	64801 MONE_T2	8	19	11	0.2	0.32	0.12	0	0	0	0	0	0	0
3/19/2024 21:16	58402 MORO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
3/19/2024 21:16	53501 EVIL_T2	1	2	1	0.3	0.6	0.3	0	0	0	0	0	0	0
3/19/2024 21:16	63404 HONY_T1	0	11	11	0	0.14	0.14	0	0	0	0	0	0	0
3/19/2024 21:16	57304 MOAL_T2	1	1	0	0.1	0.5	0.4	0	0	0	1	0	0	0
3/19/2024 21:16	41903 REED_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
3/19/2024 21:16	57403 SPAN_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
3/19/2024 21:17	57301 MOAL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
3/19/2024 21:17	54502 ENOL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
3/19/2024 21:17	65001 NEFF_T2	96	219	123	0.15	0.23	0.08	0	0	0	0	0	0	0
3/19/2024 21:17	63803 HEMP_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
3/19/2024 21:17	41901 REED_T1	6	7	1	0.17	0.23	0.06	0	0	0	0	0	0	0
3/19/2024 21:17	63801 HEMP_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
3/19/2024 21:17	67601 WARW_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
3/19/2024 21:17	47403 PENS_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
3/19/2024 21:17	42901 MIDD_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
3/19/2024 21:17	67503 WEWI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
3/19/2024 21:17	53902 HALI_T2	1	1	0	5.4	5.7	0.3	0	0	0	0	0	0	0
3/19/2024 21:17	57301 MOAL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
3/19/2024 21:17	45402 WBLO_T2	20	46	26	0.13	0.27	0.14	0	0	0	0	0	0	0
3/19/2024 21:17	63801 HEMP_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
3/19/2024 21:17	59301 MCAL_T1	2	2	0	0.6	0.55	-0.05	0	0	0	0	0	0	0
3/19/2024 21:17	55002 NEWP_T1	3	4	1	0.23	0.48	0.25	0	0	0	0	0	0	0
3/19/2024 21:17	61102 BERK_T5	0	0	0	0	0	0	0	0	0	0	0	0	0
3/19/2024 21:17	43801 SWIL_T1	5	8	3	1.42	0.99	-0.43	0	0	0	0	0	0	0
3/19/2024 21:17	67401 WAKE_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
3/19/2024 21:17	52403 GRPA_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
3/19/2024 21:17	51603 DUKE_T1	0	2	2	0	0.15	0.15	0	0	0	0	0	0	0
3/19/2024 21:17	53501 EVIL_T2	1	2	1	0.3	0.6	0.3	0	0	0	0	0	0	0
3/19/2024 21:17	44302 BEAV_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
3/19/2024 21:17	56802 BENV_T2	12	127	115	0.13	0.28	0.15	0	0	0	0	0	0	0
3/19/2024 21:17	64101 REFR_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
3/19/2024 21:17	41601 CLEV_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
3/19/2024 21:18

3/19/2024 21:18	40201 BEGA_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
3/19/2024 21:19	47402 PENS_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
3/19/2024 21:19	54504 ENOL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
3/19/2024 21:19	56802 BENV_T2	12	127	115	0.13	0.28	0.15	0	0	0	0	0	0	0
3/19/2024 21:19	45802 HEGI_T2	1	1	0	1	0	-1	0	0	0	0	0	0	0
3/19/2024 21:19	50504 MECH_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
3/19/2024 21:19	63802 HEMP_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
3/19/2024 21:19	42901 MIDD_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
3/19/2024 21:19	44301 BEAV_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
3/19/2024 21:19	59101 WALK_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
3/19/2024 21:20	56603 HAMP_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
3/19/2024 21:20	52403 GRPA_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
3/19/2024 21:20	52401 GRPA_T2	12	1	-11	0.12	0.1	-0.02	0	0	0	0	0	0	0
3/19/2024 21:20	54504 ENOL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
3/19/2024 21:20	62607 ENGL_T1	1	1	0	0.6	0.6	0	0	0	0	0	0	0	0
3/19/2024 21:20	41901 REED_T1	6	7	1	0.17	0.23	0.06	0	0	0	0	0	0	0
3/19/2024 21:20	42001 MNVL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
3/19/2024 21:20	54504 ENOL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
3/19/2024 21:20	59102 WALK_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
3/19/2024 21:21	52401 GRPA_T2	12	1	-11	0.12	0.1	-0.02	0	0	0	0	0	0	0
3/19/2024 21:21	50501 MECH_T1	3	4	1	0.23	1	0.77	0	0	0	0	0	0	0
3/19/2024 21:21	62605 ENGL_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
3/19/2024 21:21	44302 BEAV_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
3/19/2024 21:21	57403 SPAN_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
3/19/2024 21:21	47401 PENS_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
3/19/2024 21:21	55001 NEWP_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
3/19/2024 21:22	64801 MONE_T2	8	19	11	0.2	0.32	0.12	0	0	0	0	0	0	0
3/19/2024 21:22	54504 ENOL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
3/19/2024 21:22	65901 SAKR_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
3/19/2024 21:22	45703 LIND_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
3/19/2024 21:22	47402 PENS_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
3/19/2024 21:22	43108 SMIL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
3/19/2024 21:22	46801 HEPB_T2	0	2	2	0	0.15	0.15	0	0	0	0	0	0	0
3/19/2024 21:22	67002 STHI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
3/19/2024 21:22	58402 MORO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
3/19/2024 21:22	67401 WAKE_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
3/19/2024 21:22	67503 WEWI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
3/19/2024 21:22	43802 SWIL_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
3/19/2024 21:23	40903 JESH_T1	45	143	98	0.14	0.22	0.08	0	0	0	0	0	0	0
3/19/2024 21:23	57403 SPAN_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
3/19/2024 21:23	43801 SWIL_T1	5	8	3	1.42	0.99	-0.43	0	0	0	0	0	0	0
3/19/2024 21:23	56802 BENV_T2	12	127	115	0.13	0.28	0.15	0	0	0	0	0	0	0
3/19/2024 21:23	43001 ALWD_T1	14	22	8	0.33	0.32	-0.01	0	0	0	0	0	0	0
3/19/2024 21:23	52401 GRPA_T2	12	1	-11	0.12	0.1	-0.02	0	0	0	0	0	0	0
3/19/2024 21:24	50503 MECH_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
3/19/2024 21:25	54502 ENOL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
3/19/2024 21:25	52403 GRPA_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
3/19/2024 21:25	52404 GRPA_T2	0	1	1	0	0.4	0.4	0	0	0	0	0	0	0
3/19/2024 21:25	54503 ENOL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
3/19/2024 21:25	57401 SPAN_T1	0	2	2	0	0.45	0.45	0	0	0	0	0	0	0
3/19/2024 21:25	55101 WERT_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
3/19/2024 21:26	43001 ALWD_T1	14	22	8	0.33	0.32	-0.01	0	0	0	0	0	0	0
3/19/2024 21:26	54503 ENOL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
3/19/2024 21:37	53901 HALI_T2	1	2	1	0.9	0.55	-0.35	0	0	0	0	0	0	0
3/19/2024 21:41	42601 TUSC_T1	0	9	9	0	0.25	0.25	0	0	0	0	0	0	0
3/19/2024 21:48	65005 NEFF_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
3/19/2024 21:49	13502 MCMI_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
3/19/2024 22:13	54505 ENOL_T2	1	1	0	0.6	0.7	0.1	0	0	0	0	0	0	0
3/19/2024 22:35	65004 NEFF_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
3/19/2024 22:53	52002 LING_T2	1	1	0	0.4	0.6	0.2	0	0	0	0	0	0	0
3/19/2024 22:54	60102 COCA_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
3/19/2024 23:34	65002 NEFF_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
3/20/2024 0:05	65002 NEFF_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
3/20/2024 0:13	29401 BELT_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
3/20/2024 0:46	65001 NEFF_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
3/20/2024 1:39	65005 NEFF_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
3/20/2024 2:00	65003 NEFF_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
3/20/2024 3:24	65004 NEFF_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
3/20/2024 4:06	65004 NEFF_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
3/20/2024 5:24	65001 NEFF_T2	0	2	2	0	0.1	0.1	0	0	0	0	0	0	0
3/20/2024 6:12	65002 NEFF_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
3/20/2024 6:28	65003 NEFF_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
3/20/2024 7:15	65004 NEFF_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
3/20/2024 7:54	26002 WDAM_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
3/20/2024 7:54	60201 ATGL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
3/20/2024 7:55	61304 EARL_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
3/20/2024 7:55	45502 DERR_T2	4	5	1	0.38	0.5	0.12	0	0	0	0	0	0	0
3/20/2024 8:00	13501 MCMI_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
3/20/2024 8:07	29402 BELT_T1	1	1	0	6.3	6.3	0	0	0	0	0	0	0	0
3/20/2024 8:09	29402 BELT_T1	1	1	0	6.3	6.3	0	0	0	0	0	0	0	0
3/20/2024 8:09	29401 BELT_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
3/20/2024 8:11	29401 BELT_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
3/20/2024 8:12	65002 NEFF_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
3/20/2024 8:12	29401 BELT_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
3/20/2024 8:12	40101 HUNT_T2	5	52	47	0.44	0.43	-0.01	0	0	0	0	0	0	0
3/20/2024 8:18	13502 MCMI_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
3/20/2024 8:23	67105 SPRI_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
3/20/2024 8:24	67103 SPRI_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
3/20/2024 8:25	61304 EARL_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
3/20/2024 8:29	25402 LAHA_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
3/20/2024 8:31	55002 NEWP_T1	6	6	0	0.65	0.72	0.07	0	0	0	0	0	0	0
3/20/2024 8:33	55002 NEWP_T1	6	6	0	0.65	0.72	0.07	0	0	0	0	0	0	0
3/20/2024 8:34	55002 NEWP_T1	6	6	0	0.65	0.72	0.07	0	0	0	0	0	0	0
3/20/2024 8:36	55001 NEWP_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
3/20/2024 8:51	59102 WALK_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
3/20/2024 9:05	67401 WAKE_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
3/20/2024 9:10	10801 CHHI_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
3/20/2024 9:10	65003 NEFF_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
3/20/2024 9:11	40502 CRES_T2	2	8	6	0.15	0.21	0.06	0	0	0	0	0	0	0
3/20/2024 9:12	40502 CRES_T2	2	8	6	0.15	0.21	0.06	0	0	0	0	0	0	0
3/20/2024 9:13	40501 CRES_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
3/20/2024 9:14	40502 CRES_T2	2	8	6	0.15	0.21	0.06	0	0	0	0	0	0	0
3/20/2024 9:15	10801 CHHI_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
3/20/2024 9:16	65002 NEFF_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
3/20/2024 9:16	25404 LAHA_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
3/20/2024 9:16	13503 MCMI_T2	0	1	1	0	0.1	0.1	0	0	0	0	0	0	0
3/20/2024 9:26	29401 BELT_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
3/20/2024 9:26	65003 NEFF_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
3/20/2024 9:27	40502 CRES_T2	4	8	4	0.15	0.21	0.06	0	0	0	0	0	0	0
3/20/2024 9:28	46205 DANV_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
3/20/2024 9:28	52402 GRPA_T2	5	4	-1	1.02	1.3	0.28	0	0	0	0	0	0	0
3/20/2024 9:28	40501 CRES_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
3/20/2024 9:28	41801 GOCI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
3/20/2024 9:29	41802 GOCI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
3/20/2024 9:33	59301 MCAL_T1	2	2	0	0.2	0.2	0	0	0	0	0	0	0	0
3/20/2024 9:33	41902 REED_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
3/20/2024 9:35	41902 REED_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
3/20/2024 9:37	41903 REED_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
3/20/2024 9:37	56802 BENV_T2	1	4	3	0.6	0.7	0.1	0	0	0	0	0	0	0
3/20/2024 9:38	56802 BENV_T2	1	4	3	0.6	0.7	0.1	0	0	0	0	0	0	0
3/20/2024 9:39	56802 BENV_T2	1	4	3	0.6	0.7	0.1	0	0	0	0	0	0	0
3/20/2024 9:42	56802 BENV_T2	1	4	3	0.6	0.7	0.1	0	0	0	0	0	0	0
3/20/2024 9:48	43202 MVIL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
3/20/2024 9:49	46701 RENO_T1	56	1	-55	0.3	7.9	7.6	0	0	0	0	0	0	0
3/20/2024 9:49	65901 SAKR_T2	1	1	0	8.9	8.7	-0.2	0	0	0	0	0	0	0
3/20/2024 9:49	59001 MIFF_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
3/20/2024 9:50	43202 MVIL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
3/20/2024 9:50	64101 REFR_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
3/20/2024 9:51	67202 TEHI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
3/20/2024 9:51	27503 WEIS_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
3/20/2024 9:52	67402 WAKE_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
3/20/2024 9:52	64101 REFR_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
3/20/2024 9:53	64101 REFR_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
3/20/2024 9:54	29402 BELT_T1	1	1	0	6.6	6.9	0.3	0	0	0	0	0	0	0
3/20/2024 9:54	67204 TEHI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
3/20/2024 9:54	28803 LAKE_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
3/20/2024 9:55	28803 LAKE_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
3/20/2024 9:55	60801 BUCK_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
3/20/2024 9:56	54501 ENOL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
3/20/2024 9:56	54506 ENOL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
3/20/2024 9:57	54504 ENOL_T2	0	1	1	0	0.3	0.3	0	0	0	0	0	0	0
3/20/2024 9:57	52401 GRPA_T2	1	1	0	0.1	0.4	0.3	0	0	0	0	0	0	0
3/20/2024 9:58	54503 ENOL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
3/20/2024 9:58	54506 ENOL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
3/20/2024 9:59	54501 ENOL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
3/20/2024 9:59	11804 FRAN_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
3/20/2024 9:59	52402 GRPA_T2	4	2	-2	1.3	2.65	1.35	0	0	0	0	0	0	0
3/20/2024 10:00	57306 MOAL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
3/20/2024 10:00	62602 ENGL_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
3/20/2024 10:00	48302 ORWI_T2	2	2	0	1.25	1.25	0	0	0	0	0	0	0	0
3/20/2024 10:00	46003 BERW_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
3/20/2024 10:00	58001 WCAR_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
3/20/2024 10:00	66302 MCGO_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
3/20/2024 10:00	41902 REED_T1	0	1	1	0	0	0	0	0	0	0	0	0	0
3/20/2024 10:00	62604 ENGL_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
3/20/2024 10:00	42201 SHEN_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
3/20/2024 10:00	53901 HALI_T2	1	1	0	0.8	0.7	-0.1	0	0	0	0	0	0	0
3/20/2024 10:00	45902 AUBU_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
3/20/2024 10:00	17803 GILB_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
3/20/2024 10:00	40201 BEGA_T2	0	1	1	0	0.2	0.2	0	0	0	0	0	0	0
3/20/2024 10:00	64904 MILL_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
3/20/2024 10:00	40603 PIGR_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
3/20/2024 10:00	40101 HUNT_T2	11	35	24	0.25	0.22	-0.03	0	0	0	0	0	0	0
3/20/2024 10:00	58402 MORO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
3/20/2024 10:00	13502 MCMI_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
3/20/2024 10:00	40602 PIGR_T1	1	1	0	0.3	0.2	-0.1	0	0	0	0	0	0	0
3/20/2024 10:00	52001 LING_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
3/20/2024 10:00	46701 RENO_T1	1	49	48	7.8	0.33	-7.47	0	0	0	0	0	0	0
3/20/2024 10:00	14404 SSLA_T1	1	1	0	0.2	0.2	0	0	0	0	0	0	0	0
3/20/2024 10:00	57403 SPAN_T1	6	28	22	0.23	0.27	0.04	0	0	0	0	0	0	0
3/20/2024 10:00	23003 SAJO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
3/20/2024 10:00	53501 EVIL_T2	2	2	0	0.95	0.85	-0.1	0	0	0	0	0	0	0
3/20/2024 10:00	64101 REFR_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
3/20/2024 10:00	65004 NEFF_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
3/20/2024 10:00	40504 CRES_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
3/20/2024 10:00	63804 HEMP_T1	1	1	0	6.6	6.5	-0.1	0	0	0	0	0	0	0
3/20/2024 10:00	43001 ALWD_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
3/20/2024 10:00	28601 BLYT_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
3/20/2024 10:00	60701 BREC_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
3/20/2024 10:00	64902 MILL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
3/20/2024 10:00	67202 TEHI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
3/20/2024 10:00	45601 WOOL_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
3/20/2024 10:00	56802 BENV_T2	1	42	41	1	0.18	-0.82	0	0	0	0	0	0	0
3/20/2024 10:00	42903 MIDD_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
3/20/2024 10:00	10801 CHHI_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
3/20/2024 10:01	41601 CLEV_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
3/20/2024 10:03	54001 SDLE_T1	3	5	2	0.37	0.66	0.29	0	0	0	0	0	0	0
3/20/2024 10:06	41902 REED_T1	0	1	1	0	0	0	0	0	0	0	0	0	0
3/20/2024 10:06	67203 TEHI_T1	0	1	1	0	0	0	0	0	0	0	0	0	0
3/20/2024 10:07	39601 LNFD_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
3/20/2024 10:07	67604 WARW_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
3/20/2024 10:07	40601 PIGR_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
3/20/2024 10:07	53502 EVIL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
3/20/2024 10:07	67202 TEHI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
3/20/2024 10:07	67401 WAKE_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
3/20/2024 10:07	20401 ASHF_T2	0	2	2	0	0	0

Appendix C - Grid Benefits Achieved in Each Instance of Active Management

3/20/2024 10:11	61303 EARL_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/20/2024 10:11	44302 BEAV_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/20/2024 10:11	60201 ATGL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/20/2024 10:11	45502 DERR_T2	0	1	-1	0	0	0	0	0	0	0	0	0	0	0
3/20/2024 10:11	60803 BUCK_T1	13	8	-5	0.28	0.16	-0.12	0	0	0	0	0	0	0	0
3/20/2024 10:12	29402 BELT_T1	1	1	0	6.9	6.9	0	0	0	0	0	0	0	0	0
3/20/2024 10:13	29402 BELT_T1	1	1	0	6.9	6.9	0	0	0	0	0	0	0	0	0
3/20/2024 10:13	52404 GRPA_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/20/2024 10:13	46205 DANV_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/20/2024 10:13	52403 GRPA_T2	1	0	-1	0	0	-0.1	0	0	0	0	0	0	0	0
3/20/2024 10:14	53501 EVIL_T2	2	2	0	0.95	0.85	-0.1	0	0	0	0	0	0	0	0
3/20/2024 10:14	13503 MCMI_T2	5	6	1	0.12	0.17	0.05	0	0	0	0	0	0	0	0
3/20/2024 10:14	25402 LAHA_T2	0	2	2	0	0	0	0	0	0	0	0	0	0	0
3/20/2024 10:15	52401 GRPA_T2	1	1	0	0.1	1	0.9	0	0	0	0	0	0	0	0
3/20/2024 10:15	11802 FRAN_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/20/2024 10:15	53502 EVIL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/20/2024 10:15	52404 GRPA_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/20/2024 10:15	41801 GOCI_T2	2	0	-2	0.1	0	-0.1	0	0	0	0	0	0	0	0
3/20/2024 10:16	41801 GOCI_T2	2	0	-2	0.1	0	-0.1	0	0	0	0	0	0	0	0
3/20/2024 10:16	43201 MVIL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/20/2024 10:16	55002 NEWP_T1	5	6	1	0.5	0.77	0.27	0	0	0	0	0	0	0	0
3/20/2024 10:16	40101 HUNT_T2	14	32	18	0.24	0.4	0.16	0	0	0	0	0	0	0	0
3/20/2024 10:17	43202 MVIL_T2	0	1	1	0	0	0	0	0	0	0	0	0	0	0
3/20/2024 10:17	13502 MCMI_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/20/2024 10:18	13502 MCMI_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/20/2024 10:18	13503 MCMI_T2	1	6	5	0.1	0.17	0.07	0	0	0	0	0	0	0	0
3/20/2024 10:18	55002 NEWP_T1	5	6	1	0.5	0.77	0.27	0	0	0	0	0	0	0	0
3/20/2024 10:19	65003 NEFF_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/20/2024 10:19	64802 MONE_T2	0	8	8	0	0.23	0.23	0	0	0	0	0	0	0	0
3/20/2024 10:19	29401 BELT_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/20/2024 10:19	55001 NEWP_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/20/2024 10:19	67103 SPRI_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/20/2024 10:19	17002 RIRO_T2	19	21	2	0.13	0.15	0.02	0	0	0	0	0	0	0	0
3/20/2024 10:19	13503 MCMI_T2	1	6	5	0.1	0.17	0.07	0	0	0	0	0	0	0	0
3/20/2024 10:20	42202 SHEN_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/20/2024 10:20	59102 WALK_T2	0	3	3	0	0.1	0.1	0	0	0	0	0	0	0	0
3/20/2024 10:20	43202 MVIL_T2	0	1	1	0	0	0	0	0	0	0	0	0	0	0
3/20/2024 10:20	60502 NMAN_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/20/2024 10:21	20402 ASHF_T2	72	15	-57	0.59	0.82	0.23	0	0	0	0	0	0	0	0
3/20/2024 10:21	55002 NEWP_T1	5	6	1	0.5	0.77	0.27	0	0	0	0	0	0	0	0
3/20/2024 10:22	59102 WALK_T2	0	3	3	0	0.1	0.1	0	0	0	0	0	0	0	0
3/20/2024 10:22	26002 WDAM_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/20/2024 10:22	67103 SPRI_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/20/2024 10:23	44301 BEAV_T2	1	1	0	1.4	1	-0.4	0	0	0	0	0	0	0	0
3/20/2024 10:23	43001 ALWD_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/20/2024 10:24	67105 SPRI_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/20/2024 10:24	67604 WARW_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/20/2024 10:25	67105 SPRI_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/20/2024 10:25	28801 LAKE_T1	652	652	0	2.01	2.21	0.2	0	0	0	0	0	0	0	0
3/20/2024 10:25	45502 DERR_T2	0	1	1	0	0	0	0	0	0	0	0	0	0	0
3/20/2024 10:26	29401 BELT_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/20/2024 10:27	28803 LAKE_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/20/2024 10:27	44302 BEAV_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/20/2024 10:27	57403 SPAN_T1	3	77	74	0.23	0.29	0.06	0	0	0	0	0	0	0	0
3/20/2024 10:30	64202 KINZ_T1	3	3	0	0.27	0.67	0.4	0	0	0	0	0	0	0	0
3/20/2024 10:31	59001 MIFF_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/20/2024 10:32	55001 NEWP_T1	0	1	1	0	0.1	0.1	0	0	0	0	0	0	0	0
3/20/2024 10:33	55001 NEWP_T1	0	1	1	0	0.1	0.1	0	0	0	0	0	0	0	0
3/20/2024 10:33	46505 LOHA_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/20/2024 10:34	13903 SEID_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/20/2024 10:35	45402 WBLO_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/20/2024 10:35	66505 SMAN_T2	2	3	1	0.25	0.4	0.15	0	0	0	0	0	0	0	0
3/20/2024 10:37	45402 WBLO_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/20/2024 10:39	66503 SMAN_T2	0	6	6	0	0.13	0.13	0	0	0	0	0	0	0	0
3/20/2024 10:41	17804 GILB_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/20/2024 10:41	10801 CHHI_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/20/2024 10:42	17805 GILB_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/20/2024 10:43	52202 DEVO_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/20/2024 10:44	54506 ENOL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/20/2024 10:44	53903 HAU_T2	2	2	0	1	1.4	0.4	0	0	0	0	0	0	0	0
3/20/2024 10:44	17803 GILB_T2	0	2	2	0	0.1	0.1	0	0	0	0	0	0	0	0
3/20/2024 10:45	28704 HAML_T2	162	162	0	0.64	0.65	0.01	0	0	0	0	0	0	0	0
3/20/2024 10:45	53902 HAU_T2	1	1	0	5.6	5.3	-0.3	0	0	0	0	0	0	0	0
3/20/2024 10:45	17802 GILB_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/20/2024 10:46	17804 GILB_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/20/2024 10:46	46801 HEPB_T2	2	2	0	0.2	0.2	0	0	0	0	0	0	0	0	0
3/20/2024 10:46	17802 GILB_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/20/2024 10:47	59003 MIFF_T1	0	1	1	0	0	0	0	0	0	0	0	0	0	0
3/20/2024 10:47	13501 MCMI_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/20/2024 10:48	13503 MCMI_T2	3	12	9	0.13	0.18	0.05	0	0	0	0	0	0	0	0
3/20/2024 10:49	65804 RTWN_T1	0	3	3	0	0.83	0.83	0	0	0	0	0	0	0	0
3/20/2024 10:51	65804 RTWN_T1	0	3	3	0	0.83	0.83	0	0	0	0	0	0	0	0
3/20/2024 10:51	54506 ENOL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/20/2024 10:51	65902 SAKR_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/20/2024 10:51	45601 WOOL_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/20/2024 10:51	48301 ORWI_T1	2	2	0	4.6	5.45	0.85	0	0	0	0	0	0	0	0
3/20/2024 10:52	60201 ATGL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/20/2024 10:54	42701 AUGU_T1	1	1	0	1.2	1.2	0	0	0	0	0	0	0	0	0
3/20/2024 10:54	60803 BUCK_T1	0	1	1	0	0.1	0.1	0	0	0	0	0	0	0	0
3/20/2024 10:55	60801 BUCK_T1	0	5	5	0	0.24	0.24	0	0	0	0	0	0	0	0
3/20/2024 10:55	44302 BEAV_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/20/2024 10:56	23901 EFMO_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/20/2024 10:57	10801 CHHI_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/20/2024 10:57	42701 AUGU_T1	1	1	0	1.2	1.2	0	0	0	0	0	0	0	0	0
3/20/2024 10:58	42701 AUGU_T1	1	1	0	1.2	1.2	0	0	0	0	0	0	0	0	0
3/20/2024 11:01	42902 MIDD_T2	0	2	2	0	0.2	0.2	0	0	0	0	0	0	0	0
3/20/2024 11:01	52403 GRPA_T2	3	1	-2	0.53	0.1	-0.43	0	0	0	0	0	0	0	0
3/20/2024 11:01	52404 GRPA_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/20/2024 11:04	55002 NEWP_T1	6	6	0	0.53	0.73	0.2	0	0	0	0	0	0	0	0
3/20/2024 11:05	55002 NEWP_T1	6	6	0	0.53	0.73	0.2	0	0	0	0	0	0	0	0
3/20/2024 11:07	45601 WOOL_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/20/2024 11:07	55105 WERT_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/20/2024 11:07	46003 BERW_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/20/2024 11:08	40302 TAMA_T3	8	9	1	0.5	0.61	0.11	0	0	0	0	0	0	0	0
3/20/2024 11:08	27502 WEIS_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/20/2024 11:08	56802 BENV_T2	121	119	-2	0.21	0.21	0	0	0	0	0	0	0	0	0
3/20/2024 11:08	15001 BLMO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/20/2024 11:08	45601 WOOL_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/20/2024 11:09	45601 WOOL_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/20/2024 11:09	56802 BENV_T2	121	119	-2	0.21	0.21	0	0	0	0	0	0	0	0	0
3/20/2024 11:10	57401 SPAN_T1	5	11	6	0.32	0.63	0.31	0	0	0	0	0	0	0	0
3/20/2024 11:10	10801 CHHI_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/20/2024 11:10	57401 SPAN_T1	5	11	6	0.32	0.63	0.31	0	0	0	0	0	0	0	0
3/20/2024 11:11	23901 EFMO_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/20/2024 11:11	67604 WARW_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/20/2024 11:11	57403 SPAN_T1	1	4	3	0.8	0.23	-0.57	0	0	0	0	0	0	0	0
3/20/2024 11:11	56802 BENV_T2	121	119	-2	0.21	0.21	0	0	0	0	0	0	0	0	0
3/20/2024 11:12	67603 WARW_T1	0	3	3	0	0.37	0.37	0	0	0	0	0	0	0	0
3/20/2024 11:12	46003 BERW_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/20/2024 11:12	67104 SPRI_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/20/2024 11:12	56802 BENV_T2	121	119	-2	0.21	0.21	0	0	0	0	0	0	0	0	0
3/20/2024 11:12	15001 BLMO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/20/2024 11:13	45601 WOOL_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/20/2024 11:14	52202 DEVO_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/20/2024 11:14	57401 SPAN_T1	5	11	6	0.32	0.63	0.31	0	0	0	0	0	0	0	0
3/20/2024 11:14	45601 WOOL_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/20/2024 11:14	10805 CHHI_T2	7	6	-1	1.87	7.7	5.83	0	0	0	0	0	0	0	0
3/20/2024 11:15	54504 ENOL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/20/2024 11:15	26402 INOR_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/20/2024 11:15	41801 GOCI_T2	123	52	-71	0.29	0.22	-0.07	0	0	0	0	0	0	0	0
3/20/2024 11:16	48303 ORWI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/20/2024 11:16	54503 ENOL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/20/2024 11:16	10801 CHHI_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/20/2024 11:16	64802 MONE_T2	32	17	-15	0.34	0.52	0.18	0	0	0	0	0	0	0	0
3/20/2024 11:17	52403 GRPA_T2	0	9	9	0	0.33	0.33	0	0	0	0	0	0	0	0
3/20/2024 11:17	64903 MILL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/20/2024 11:17	48303 ORWI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/20/2024 11:18	64301 LINC_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/20/2024 11:18	48302 ORWI_T2	2	2	0	1.8	1.25	-0.55	0	0	0	0	0	0	0	0
3/20/2024 11:18	64903 MILL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/20/2024 11:20	41901 REED_T1	1	3	2	0.2	0.2	0	0	0	0	0	0	0	0	0
3/20/2024 11:20	48303 ORWI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/20/2024 11:22	41903 REED_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/20/2024 11:23	46004 BERW_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/20/2024 11:23	41901 REED_T1	1	3	2	0.2	0.2	0	0	0	0	0	0	0	0	0
3/20/2024 11:23	64903 MILL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/20/2024 11:24	40303 TAMA_T3	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/20/2024 11:24	60101 COCA_T1	0	6	6	0	0.5	0.5	0	0	0	0	0	0	0	0
3/20/2024 11:24	10805 CHHI_T2	6	1	-5	1.77	7.7	5.93	0	0	0	0	0	0	0	0
3/20/2024 11:24	40201 BEGA_T2	0	1	1	0	0.1	0.1	0	0	0	0	0	0	0	0
3/20/2024 11:25	40201 BEGA_T2	0	1	1	0	0.1	0.1	0	0	0	0	0	0	0	0
3/20/2024 11:26	10801 CHHI_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/20/2024 11:26	44301 BEAV_T2	1	1	0	1.3	0.5	-0.8	0	0	0	0	0	0	0	0
3/20/2024 11:27	29402 BELT_T1	1	1	0	6.7	7.1	0.4	0	0	0	0	0	0	0	0
3/20/2024 11:27	15001 BLMO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/20/2024 11:28	60102 COCA_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/20/2024 11:31	10801 CHHI_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/20/2024 11:32	42902 MIDD_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/20/2024 11:33	41903 REED_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/20/2024 11:33	65002 NEFF_T2	0	1	1	0	0.1	0.1	0	0	0	0	0	0	0	0
3/20/2024 11:33	45701 LIND_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/20/2024 11:33	60102 COCA_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/20/2024 11:33	17002 RIRO_T2	16	57	41	0.21	0.17	-0.04	0	0	0	0	0	0	0	0
3/20/2024 11:35	67002 STHI_T2	0	18	18	0	0.38	0.38	0	0	0	0	0	0	0	0
3/20/2024 11:35	55105 WERT_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/20/2024 11:35	15704 TANN_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/20/2024 11:36	41903 REED_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/20/2024 11:36	67002 STHI_T2	0	18	18	0	0.38	0.38	0	0	0	0	0	0	0	0
3/20/2024 11:36	27502 WEIS_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/20/2024 11:37	13904 SEID_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/20/2024 11:37	67001 STHI_T2	3	5	2	4.23	0.44	-3.79	0	0	0	0	0	0	0	0
3/20/2024 11:37	41903 REED_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/20/2024 11:37	45902 AUBU_T1	0	1	1	0	0.5	0.5	0	0	0	0	0	0	0	0
3/20/2024 11:38	67001 STHI_T2	3	5	2	4.23	0.44	-3.79	0	0	0	0	0	0	0	0
3/20/2024 11:38	45902 AUBU_T1	0	1	1	0	0.5	0.5	0	0	0	0	0	0	0	0
3/20/2024 11:39	10801 CHHI_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/20/2024 11:39	46002 BERW_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/20/2024 11:39	67002 STHI_T2	0	18	18	0	0.38	0.38	0	0	0	0	0	0	0	0
3/20/2024 11:39	60701 BREC_T1	0	3	3	0	0.33	0.33	0	0	0	0	0	0	0	0
3/20/2024 11:39	60102 COCA_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/20/2024 11:40	45901 AUBU_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/20/2024 11:40	10805 CHHI_T2	1	1	0	7.7	7.7	0	0	0	0	0	0	0	0	0
3/20/2024 11:40	60102 COCA_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/20/2024 11:40	46005 BERW_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/20/2024 11:40	60701 BREC_T1	0	3	3	0	0.33	0.33	0	0	0	0	0	0	0	0
3/20/2024 11:40	27502 WEIS_T2	0	0	0

3/20/2024 11:52	67203 TEHI_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/20/2024 11:52	58401 MORO_T1	1	0	-1	0.2	0	-0.2	0	0	0	0	0	0	0	0
3/20/2024 11:52	27502 WEIS_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/20/2024 11:52	67202 TEHI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/20/2024 11:53	67201 TEHI_T1	114	102	-12	0.92	0.67	-0.25	0	0	0	0	0	0	0	0
3/20/2024 11:54	10801 CHHI_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/20/2024 11:55	14802 TREI_T2	1	2	1	0.1	0.1	0	0	0	0	0	0	0	0	0
3/20/2024 11:55	59101 WALK_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/20/2024 11:55	60101 COCA_T1	6	6	0	0.5	0.55	0.05	0	0	0	0	0	0	0	0
3/20/2024 11:55	67204 TEHI_T2	1	2	1	0.7	0.45	-0.25	0	0	0	0	0	0	0	0
3/20/2024 11:55	10801 CHHI_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/20/2024 11:55	60201 ATGL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/20/2024 11:56	60201 ATGL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/20/2024 11:56	60101 COCA_T1	6	6	0	0.5	0.55	0.05	0	0	0	0	0	0	0	0
3/20/2024 11:56	10805 CHHI_T2	1	7	6	7.8	7.7	-0.1	0	0	0	0	0	0	0	0
3/20/2024 11:57	29401 BELT_T1	0	4	4	0	0.23	0.23	0	0	0	0	0	0	0	0
3/20/2024 11:58	29401 BELT_T1	0	4	4	0	0.23	0.23	0	0	0	0	0	0	0	0
3/20/2024 11:58	17803 GILB_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/20/2024 11:58	29402 BELT_T1	1	3	2	7.1	2.63	-4.47	0	0	0	0	0	0	0	0
3/20/2024 11:58	10801 CHHI_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/20/2024 11:59	17804 GILB_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/20/2024 11:59	17802 GILB_T1	0	1	1	0	1.9	1.9	0	0	0	0	0	0	0	0
3/20/2024 12:00	29401 BELT_T1	1	6	5	0.1	0.22	0.12	0	0	0	0	0	0	0	0
3/20/2024 12:00	17801 GILB_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/20/2024 12:00	17805 GILB_T2	0	1	1	0	0.1	0.1	0	0	0	0	0	0	0	0
3/20/2024 12:00	29401 BELT_T1	1	6	5	0.1	0.22	0.12	0	0	0	0	0	0	0	0
3/20/2024 12:02	41902 REED_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/20/2024 12:03	10801 CHHI_T1	0	2	2	0	0.1	0.1	0	0	0	0	0	0	0	0
3/20/2024 12:03	39601 LNFD_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/20/2024 12:04	41902 REED_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/20/2024 12:04	42901 MIDD_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/20/2024 12:05	41902 REED_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/20/2024 12:05	67001 STHI_T2	5	3	-2	0.42	0.17	-0.25	0	0	0	0	0	0	0	0
3/20/2024 12:07	67001 STHI_T2	5	3	-2	0.42	0.17	-0.25	0	0	0	0	0	0	0	0
3/20/2024 12:08	67001 STHI_T2	5	3	-2	0.42	0.17	-0.25	0	0	0	0	0	0	0	0
3/20/2024 12:09	67001 STHI_T2	5	3	-2	0.42	0.17	-0.25	0	0	0	0	0	0	0	0
3/20/2024 12:10	60102 COCA_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/20/2024 12:11	60102 COCA_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/20/2024 12:14	17803 GILB_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/20/2024 12:14	59301 MCAL_T1	2	2	0	0.5	1	0.5	0	0	0	0	0	0	0	0
3/20/2024 12:15	17802 GILB_T1	0	2	2	0	0.15	0.15	0	0	0	0	0	0	0	0
3/20/2024 12:15	17804 GILB_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/20/2024 12:16	17805 GILB_T2	0	1	1	0	0.1	0.1	0	0	0	0	0	0	0	0
3/20/2024 12:17	13302 ORVI_T2	1	3	2	0.2	0.6	0.4	0	0	0	0	0	0	0	0
3/20/2024 12:20	14801 TREI_T2	12	83	71	0.43	0.22	-0.21	0	0	0	0	0	0	0	0
3/20/2024 12:21	67201 TEHI_T1	5	3	-2	0.56	0.17	-0.39	0	0	0	0	0	0	0	0
3/20/2024 12:21	14802 TREI_T2	2	28	26	0.1	0.2	0.1	0	0	0	0	0	0	0	0
3/20/2024 12:21	13302 ORVI_T2	1	3	2	0.2	0.6	0.4	0	0	0	0	0	0	0	0
3/20/2024 12:22	27503 WEIS_T2	1	1	0	0.2	0.2	0	0	0	0	0	0	0	0	0
3/20/2024 12:22	60201 ATGL_T2	0	2	2	0	0.15	0.15	0	0	0	0	0	0	0	0
3/20/2024 12:23	27502 WEIS_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/20/2024 12:24	67203 TEHI_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/20/2024 12:24	67204 TEHI_T2	1	1	0	0.8	0.8	0	0	0	0	0	0	0	0	0
3/20/2024 12:24	10801 CHHI_T1	0	7	7	0	0.47	0.47	0	0	0	0	0	0	0	0
3/20/2024 12:25	15405 WALL_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/20/2024 12:25	23902 EFMO_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/20/2024 12:26	60201 ATGL_T2	0	2	2	0	0.15	0.15	0	0	0	0	0	0	0	0
3/20/2024 12:26	10801 CHHI_T1	0	7	7	0	0.47	0.47	0	0	0	0	0	0	0	0
3/20/2024 12:28	10805 CHHI_T2	7	7	0	1.63	7.3	5.67	0	0	0	0	0	0	0	0
3/20/2024 12:29	10801 CHHI_T1	0	7	7	0	0.47	0.47	0	0	0	0	0	0	0	0
3/20/2024 12:36	14402 SSLA_T1	29	79	50	0.32	0.18	-0.14	0	0	0	0	0	0	0	0
3/20/2024 12:37	14403 SSLA_T1	4	3	-1	0.8	0.1	-0.7	0	0	0	0	0	0	0	0
3/20/2024 12:37	14801 TREI_T2	55	72	17	0.23	0.23	0	0	0	0	0	0	0	0	0
3/20/2024 12:38	55105 WERT_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/20/2024 12:38	60701 BREC_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/20/2024 12:38	14404 SSLA_T1	19	36	17	0.4	0.26	-0.14	0	0	0	0	0	0	0	0
3/20/2024 12:40	60701 BREC_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/20/2024 12:42	60701 BREC_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/20/2024 12:49	66303 MCGO_T2	0	1	1	0	0.1	0.1	0	0	0	0	0	0	0	0
3/20/2024 12:50	58401 MORO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/20/2024 12:51	58401 MORO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/20/2024 12:52	58402 MORO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/20/2024 12:53	40303 TAMA_T3	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/20/2024 12:56	23901 EFMO_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/20/2024 13:02	42902 MIDD_T2	0	1	1	0	0.8	0.8	0	0	0	0	0	0	0	0
3/20/2024 13:14	14206 EALL_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/20/2024 13:14	54506 ENOL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/20/2024 13:16	59301 MCAL_T1	9	26	17	0.73	0.42	-0.31	0	0	0	0	0	0	0	0
3/20/2024 13:16	54505 ENOL_T2	1	1	0	0.6	1.1	0.5	0	0	0	0	0	0	0	0
3/20/2024 13:18	64201 KINZ_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/20/2024 13:26	50103 HARR_T3	1	2	1	0.1	0.75	0.65	0	0	0	0	0	0	0	0
3/20/2024 13:27	10801 CHHI_T1	0	2	2	0	0.1	0.1	0	0	0	0	0	0	0	0
3/20/2024 13:32	58402 MORO_T1	0	2	2	0	0.55	0.55	0	0	0	0	0	0	0	0
3/20/2024 13:32	10801 CHHI_T1	0	2	2	0	0.1	0.1	0	0	0	0	0	0	0	0
3/20/2024 13:33	58401 MORO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/20/2024 13:34	65802 RTWN_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/20/2024 13:43	10801 CHHI_T1	0	2	2	0	0.1	0.1	0	0	0	0	0	0	0	0
3/20/2024 13:45	50503 MECH_T1	0	1	1	0	0.4	0.4	0	0	0	0	0	0	0	0
3/20/2024 13:45	54506 ENOL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/20/2024 13:45	54504 ENOL_T2	0	1	1	0	0.2	0.2	0	0	0	0	0	0	0	0
3/20/2024 13:46	50504 MECH_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/20/2024 13:47	54501 ENOL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/20/2024 13:47	54506 ENOL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/20/2024 13:48	50501 MECH_T1	4	4	0	1.08	1.1	0.02	0	0	0	0	0	0	0	0
3/20/2024 13:48	54504 ENOL_T2	0	1	1	0	0.2	0.2	0	0	0	0	0	0	0	0
3/20/2024 13:48	54503 ENOL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/20/2024 13:48	54502 ENOL_T2	1	1	0	0.4	0.6	0.2	0	0	0	0	0	0	0	0
3/20/2024 13:48	10801 CHHI_T1	2	0	-2	0.1	0	-0.1	0	0	0	0	0	0	0	0
3/20/2024 13:49	54506 ENOL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/20/2024 13:49	54503 ENOL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/20/2024 13:49	50506 MECH_T1	0	2	2	0	0.2	0.2	0	0	0	0	0	0	0	0
3/20/2024 13:53	10801 CHHI_T1	2	0	-2	0.1	0	-0.1	0	0	0	0	0	0	0	0
3/20/2024 13:54	45902 AUBU_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/20/2024 13:55	45901 AUBU_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/20/2024 13:58	10801 CHHI_T1	2	0	-2	0.1	0	-0.1	0	0	0	0	0	0	0	0
3/20/2024 14:01	45902 AUBU_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/20/2024 14:03	41902 REED_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/20/2024 14:05	41903 REED_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/20/2024 14:05	43106 SMIL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/20/2024 14:06	41901 REED_T1	2	3	1	0.25	0.17	-0.08	0	0	0	0	0	0	0	0
3/20/2024 14:06	14404 SSLA_T1	74	78	4	0.18	0.15	-0.03	0	0	0	0	0	0	0	0
3/20/2024 14:08	44301 BEAV_T2	0	9	9	0	0.3	0.3	0	0	0	0	0	0	0	0
3/20/2024 14:08	42701 AUGU_T1	1	1	0	1	1.4	0.4	0	0	0	0	0	0	0	0
3/20/2024 14:09	44301 BEAV_T2	0	9	9	0	0.3	0.3	0	0	0	0	0	0	0	0
3/20/2024 14:09	27502 WEIS_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/20/2024 14:09	10801 CHHI_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/20/2024 14:10	42701 AUGU_T1	1	1	0	1	1.4	0.4	0	0	0	0	0	0	0	0
3/20/2024 14:11	45602 WOOL_T1	5	2	-3	0.92	0.3	-0.62	0	0	0	0	0	0	0	0
3/20/2024 14:11	10801 CHHI_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/20/2024 14:11	60201 ATGL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/20/2024 14:12	44301 BEAV_T2	0	9	9	0	0.3	0.3	0	0	0	0	0	0	0	0
3/20/2024 14:12	42701 AUGU_T1	1	1	0	1	1.4	0.4	0	0	0	0	0	0	0	0
3/20/2024 14:13	54504 ENOL_T2	0	1	1	0	0.2	0.2	0	0	0	0	0	0	0	0
3/20/2024 14:13	44302 BEAV_T2	0	23	23	0	0.43	0.43	0	0	0	0	0	0	0	0
3/20/2024 14:14	10801 CHHI_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/20/2024 14:14	54503 ENOL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/20/2024 14:15	54504 ENOL_T2	1	1	0	0.2	1	0.8	0	0	0	0	0	0	0	0
3/20/2024 14:15	54501 ENOL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/20/2024 14:15	64203 KINZ_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/20/2024 14:16	54506 ENOL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/20/2024 14:16	54501 ENOL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/20/2024 14:17	54502 ENOL_T2	1	4	3	0.6	0.28	-0.32	0	0	0	0	0	0	0	0
3/20/2024 14:17	54503 ENOL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/20/2024 14:17	54505 ENOL_T2	2	3	1	0.65	0.77	0.12	0	0	0	0	0	0	0	0
3/20/2024 14:17	60504 NMAN_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/20/2024 14:18	64204 KINZ_T1	1	1	0	0.8	1	0.2	0	0	0	0	0	0	0	0
3/20/2024 14:18	54505 ENOL_T2	2	3	1	0.65	0.77	0.12	0	0	0	0	0	0	0	0
3/20/2024 14:19	64204 KINZ_T1	1	1	0	0.8	1	0.2	0	0	0	0	0	0	0	0
3/20/2024 14:19	54502 ENOL_T2	1	4	3	0.6	0.28	-0.32	0	0	0	0	0	0	0	0
3/20/2024 14:19	54506 ENOL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/20/2024 14:19	41902 REED_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/20/2024 14:20	13904 SEID_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/20/2024 14:20	41901 REED_T1	3	7	4	0.17	0.19	0.02	0	0	0	0	0	0	0	0
3/20/2024 14:21	65001 NEFF_T2	233	251	18	0.29	0.33	0.04	0	0	0	0	0	0	0	0
3/20/2024 14:21	65901 SAKR_T2	1	2	1	9.3	5.15	-4.15	0	0	0	0	0	0	0	0
3/20/2024 14:21	41903 REED_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/20/2024 14:21	46702 RENO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/20/2024 14:22	13903 SEID_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/20/2024 14:22	26001 WDAM_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/20/2024 14:22	52503 PROG_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/20/2024 14:23	27502 WEIS_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/20/2024 14:23	26001 WDAM_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/20/2024 14:23	15001 BLMO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/20/2024 14:23	45901 AUBU_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/20/2024 14:24	42701 AUGU_T1	1	1	0	0.9	1.5	0.6	0	0	0	0	0	0	0	0
3/20/2024 14:25	45902 AUBU_T1	0	1	1	0	0.1	0.1	0	0	0	0	0	0	0	0
3/20/2024 14:25	27503 WEIS_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/20/2024 14:25	29401 BELT_T1	0	3	3	0	0.1	0.1	0	0	0	0	0	0	0	0
3/20/2024 14:25	10801 CHHI_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/20/2024 14:26	15001 BLMO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/20/2024 14:26	57403 SPAN_T1	11	6	-5	0.25	0.23	-0.02	0	0	0	0	0	0	0	0
3/20/2024 14:26	44302 BEAV_T2	1	23	22	0.7	0.43	-0.27	0	0	0	0	0	0	0	0
3/20/2024 14:26	45902 AUBU_T1	0	1	1	0	0.1	0.1	0	0	0	0	0	0	0	0
3/20/2024 14:26	42701 AUGU_T1	1	1	0	0.9	1.5	0.6	0	0	0	0	0	0	0	0
3/20/2024 14:26	60201 ATGL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/20/2024 14:27	15001 BLMO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/20/2024 14:27	10805 CHHI_T2	7	7	0	3.33	1.84	-1.49	0	0	0	0	0	0	0	0
3/20/2024 14:27	29402 BELT_T1	1	1	0	7.2	7.5	0.3	0	0	0	0	0	0	0	0
3/20/2024 14:27	10801 CHHI_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/20/2024 14:27	42701 AUGU_T1	1	1	0	0.9	1.5	0.6	0	0	0	0	0	0	0	0
3/20/2024 14:28	45902 AUBU_T1	0	1	1	0	0.1	0.1	0	0	0	0	0	0	0	0
3/20/2024 14:28	29402 BELT_T1	1	1	0	7.2	7.5	0.3	0	0	0	0	0	0	0	0
3/20/2024 14:28	40901 JESH_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/20/2024 14:28	45802 HEGI_T2	0	2	2	0	0.4	0.4	0	0	0	0	0	0	0	0
3/20/2024 14:29	54504 ENOL_T2	1	1	0	0.2	1	0.8	0	0	0	0	0	0	0	0
3/20/2024 14:29	29402 BELT_T1	1	1	0	7.2	7.5	0.3	0	0	0	0	0	0	0	0
3/20/2024 14:29	17804 GILB_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/20/2024 14:30	28704 HAML_T2	182	179	-3	0.91	0.87	-0.04	0	0	0	0	0	0	0	0
3/20/2024 14:30	29401 BELT_T1	2	4	2	0.1	0.33	0.23	0	0	0	0	0	0	0	0
3/20/2024 14:30	10801 CHHI_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/20/2024 14:31	17805 GILB_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/20/2024 14:31	17804 GILB_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/20/2024 14:31	29402 BELT_T1	1	1	0	7.5	7.6	0.1	0	0	0	0	0	0	0	0
3/20/2024 14:31	29401 BELT_T1	2	4	2	0.1	0.33	0.23	0	0	0	0	0	0	0	0
3/20/2024 14:31	65501 MOJO_

Appendix C - Grid Benefits Achieved in Each Instance of Active Management

3/20/2024 14:39	45902 AUBU_T1	0	1	1	0	0.1	0.1	0	0	0	0	0	0	0	0
3/20/2024 14:39	45601 WOOL_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/20/2024 14:40	27502 WEIS_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/20/2024 14:40	42701 AUGU_T1	1	7	6	1.4	0.5	-0.9	0	0	0	0	0	0	0	0
3/20/2024 14:40	60701 BREC_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/20/2024 14:40	40502 CRES_T2	14	6	-8	0.17	0.15	-0.02	0	0	0	0	0	0	0	0
3/20/2024 14:41	40504 CRES_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/20/2024 14:41	41601 CLEV_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/20/2024 14:41	29402 BELT_T1	1	1	0	7.5	7.6	0.1	0	0	0	0	0	0	0	0
3/20/2024 14:41	40501 CRES_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/20/2024 14:41	45901 AUBU_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/20/2024 14:41	57403 SPAN_T1	3	9	6	0.17	0.28	0.11	0	0	0	0	0	0	0	0
3/20/2024 14:41	10801 CHHI_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/20/2024 14:42	40502 CRES_T2	14	6	-8	0.17	0.15	-0.02	0	0	0	0	0	0	0	0
3/20/2024 14:42	46003 BERW_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/20/2024 14:42	40505 CRES_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/20/2024 14:42	42701 AUGU_T1	1	7	6	1.4	0.5	-0.9	0	0	0	0	0	0	0	0
3/20/2024 14:42	45902 AUBU_T1	0	1	1	0	0.1	0.1	0	0	0	0	0	0	0	0
3/20/2024 14:42	29401 BELT_T1	2	4	2	0.1	0.33	0.23	0	0	0	0	0	0	0	0
3/20/2024 14:42	29401 BELT_T1	2	4	2	0.1	0.33	0.23	0	0	0	0	0	0	0	0
3/20/2024 14:42	15001 BLMO_T1	0	4	4	0	0.1	0.1	0	0	0	0	0	0	0	0
3/20/2024 14:43	29401 BELT_T1	2	4	2	0.1	0.33	0.23	0	0	0	0	0	0	0	0
3/20/2024 14:43	46003 BERW_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/20/2024 14:43	45602 WOOL_T1	2	3	1	0.3	0.5	0.2	0	0	0	0	0	0	0	0
3/20/2024 14:43	10801 CHHI_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/20/2024 14:43	40501 CRES_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/20/2024 14:43	10805 CHHI_T2	7	7	0	1.84	8	6.16	0	0	0	0	0	0	0	0
3/20/2024 14:44	45601 WOOL_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/20/2024 14:44	29401 BELT_T1	2	4	2	0.1	0.33	0.23	0	0	0	0	0	0	0	0
3/20/2024 14:44	45902 AUBU_T1	0	1	1	0	0.1	0.1	0	0	0	0	0	0	0	0
3/20/2024 14:44	54501 ENOL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/20/2024 14:44	40902 JESH_T1	0	1	1	0	0	0	0	0	0	0	0	0	0	0
3/20/2024 14:44	40502 CRES_T2	14	6	-8	0.17	0.15	-0.02	0	0	0	0	0	0	0	0
3/20/2024 14:45	40503 CRES_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/20/2024 14:45	54505 ENOL_T2	3	1	-2	0.73	0.9	0.17	0	0	0	0	0	0	0	0
3/20/2024 14:45	54503 ENOL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/20/2024 14:45	29402 BELT_T1	1	1	0	7.4	7.6	0.2	0	0	0	0	0	0	0	0
3/20/2024 14:45	28703 HAML_T2	0	2	2	0	0.1	0.1	0	0	0	0	0	0	0	0
3/20/2024 14:46	54502 ENOL_T2	4	1	-3	0.28	0.4	0.12	0	0	0	0	0	0	0	0
3/20/2024 14:46	29401 BELT_T1	1	10	9	0.1	0.2	0.1	0	0	0	0	0	0	0	0
3/20/2024 14:46	54501 ENOL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/20/2024 14:46	54505 ENOL_T2	3	1	-2	0.73	0.9	0.17	0	0	0	0	0	0	0	0
3/20/2024 14:46	56603 HAMP_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/20/2024 14:46	10801 CHHI_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/20/2024 14:46	40504 CRES_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/20/2024 14:47	53801 MBRG_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/20/2024 14:47	54501 ENOL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/20/2024 14:47	54503 ENOL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/20/2024 14:47	47401 PENS_T1	6	0	-6	0.33	0	-0.33	0	0	0	0	0	0	0	0
3/20/2024 14:47	40501 CRES_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/20/2024 14:47	42903 MIDD_T2	2	2	0	1.05	0.4	-0.65	0	0	0	0	0	0	0	0
3/20/2024 14:48	16402 MOPO_T1	0	1	1	0	0.2	0.2	0	0	0	0	0	0	0	0
3/20/2024 14:48	54503 ENOL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/20/2024 14:48	53803 MBRG_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/20/2024 14:48	54506 ENOL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/20/2024 14:48	64202 KINZ_T1	0	15	15	0	0.24	0.24	0	0	0	0	0	0	0	0
3/20/2024 14:49	54504 ENOL_T2	1	0	-1	1	0	-1	0	0	0	0	0	0	0	0
3/20/2024 14:49	54504 ENOL_T2	1	0	-1	1	0	-1	0	0	0	0	0	0	0	0
3/20/2024 14:50	47401 PENS_T1	2	12	10	0.45	0.53	0.08	0	0	0	0	0	0	0	0
3/20/2024 14:50	54504 ENOL_T2	1	0	-1	1	0	-1	0	0	0	0	0	0	0	0
3/20/2024 14:50	42002 MNVL_T2	1	1	0	6.5	5.9	-0.6	0	0	0	0	0	0	0	0
3/20/2024 14:51	47403 PENS_T1	6	0	-6	0.33	0	-0.33	0	0	0	0	0	0	0	0
3/20/2024 14:52	47402 PENS_T1	0	1	1	0	0.3	0.3	0	0	0	0	0	0	0	0
3/20/2024 14:52	64101 REFR_T1	2	0	-2	0.45	0	-0.45	0	0	0	0	0	0	0	0
3/20/2024 14:52	53801 MBRG_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/20/2024 14:53	47401 PENS_T1	2	12	10	0.45	0.53	0.08	0	0	0	0	0	0	0	0
3/20/2024 14:53	54501 ENOL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/20/2024 14:53	45601 WOOL_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/20/2024 14:54	64101 REFR_T1	2	0	-2	0.45	0	-0.45	0	0	0	0	0	0	0	0
3/20/2024 14:54	55103 WERT_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/20/2024 14:54	45902 AUBU_T1	1	0	-1	0.1	0	-0.1	0	0	0	0	0	0	0	0
3/20/2024 14:54	60102 COCA_T1	0	1	1	0	0	0	0	0	0	0	0	0	0	0
3/20/2024 14:54	45601 WOOL_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/20/2024 14:55	45601 WOOL_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/20/2024 14:55	67402 WAKE_T2	1	0	-1	0.3	0	-0.3	0	0	0	0	0	0	0	0
3/20/2024 14:56	67502 WEWI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/20/2024 14:56	46002 BERW_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/20/2024 14:56	60102 COCA_T1	0	1	1	0	0	0	0	0	0	0	0	0	0	0
3/20/2024 14:57	10801 CHHI_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/20/2024 14:58	45602 WOOL_T1	2	4	2	0.5	0.53	0.03	0	0	0	0	0	0	0	0
3/20/2024 14:58	40101 HUNT_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/20/2024 14:59	40101 HUNT_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/20/2024 15:00	45602 WOOL_T1	3	3	0	0.5	0.6	0.1	0	0	0	0	0	0	0	0
3/20/2024 15:00	11507 FREE_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/20/2024 15:00	45901 AUBU_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/20/2024 15:00	40101 HUNT_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/20/2024 15:02	10801 CHHI_T1	0	3	3	0	0.33	0.33	0	0	0	0	0	0	0	0
3/20/2024 15:02	58402 MORO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/20/2024 15:03	59302 MCAL_T1	4	0	-4	0.35	0	-0.35	0	0	0	0	0	0	0	0
3/20/2024 15:04	46701 RENO_T1	1	1	0	7.8	8.2	0.4	0	0	0	0	0	0	0	0
3/20/2024 15:05	14403 SSLA_T1	7	11	4	0.19	0.21	0.02	0	0	0	0	0	0	0	0
3/20/2024 15:05	42202 SHEN_T2	1	0	-1	1.5	0	-1.5	0	0	0	0	0	0	0	0
3/20/2024 15:06	58402 MORO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/20/2024 15:08	14403 SSLA_T1	7	11	4	0.19	0.21	0.02	0	0	0	0	0	0	0	0
3/20/2024 15:09	14404 SSLA_T1	81	188	107	0.22	0.23	0.01	0	0	0	0	0	0	0	0
3/20/2024 15:09	14401 SSLA_T1	19	26	7	0.31	0.25	-0.06	0	0	0	0	0	0	0	0
3/20/2024 15:09	59101 WALK_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/20/2024 15:10	14801 TREI_T2	68	143	75	0.21	0.21	0	0	0	0	0	0	0	0	0
3/20/2024 15:10	45901 AUBU_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/20/2024 15:11	14802 TREI_T2	10	13	3	0.25	0.22	-0.03	0	0	0	0	0	0	0	0
3/20/2024 15:12	10801 CHHI_T1	0	3	3	0	0.33	0.33	0	0	0	0	0	0	0	0
3/20/2024 15:13	41502 FAIR_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/20/2024 15:13	26401 INOR_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/20/2024 15:15	46004 BERW_T2	5	1	-4	0.1	0.3	0.2	0	0	0	0	0	0	0	0
3/20/2024 15:15	21903 HUMB_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/20/2024 15:15	45902 AUBU_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/20/2024 15:17	10801 CHHI_T1	0	3	3	0	0.33	0.33	0	0	0	0	0	0	0	0
3/20/2024 15:18	40902 JESH_T1	3	0	-3	0.43	0	-0.43	0	0	0	0	0	0	0	0
3/20/2024 15:18	65503 MOIO_T2	6	11	5	0.15	0.15	0	0	0	0	0	0	0	0	0
3/20/2024 15:20	65502 MOIO_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/20/2024 15:21	46302 ROHR_T1	4	4	0	2.28	2.2	-0.08	0	0	0	0	0	0	0	0
3/20/2024 15:22	46301 ROHR_T1	26	8	-18	0.18	0.11	-0.07	0	0	0	0	0	0	0	0
3/20/2024 15:23	64101 REFR_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/20/2024 15:24	12503 MITR_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/20/2024 15:25	40201 BEGA_T2	1	0	-1	0.4	0	-0.4	0	0	0	0	0	0	0	0
3/20/2024 15:26	45902 AUBU_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/20/2024 15:26	44302 BEAV_T2	0	2	2	0	0.1	0.1	0	0	0	0	0	0	0	0
3/20/2024 15:27	52402 GRPA_T2	52	18	-34	0.5	0.74	0.24	0	0	0	0	0	0	0	0
3/20/2024 15:27	40201 BEGA_T2	1	0	-1	0.4	0	-0.4	0	0	0	0	0	0	0	0
3/20/2024 15:29	17802 GILB_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/20/2024 15:29	52402 GRPA_T2	52	18	-34	0.5	0.74	0.24	0	0	0	0	0	0	0	0
3/20/2024 15:29	17805 GILB_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/20/2024 15:29	52404 GRPA_T2	1	1	0	0.5	0.6	0.1	0	0	0	0	0	0	0	0
3/20/2024 15:31	45902 AUBU_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/20/2024 15:32	47101 MARL_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/20/2024 15:33	47104 MARL_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/20/2024 15:33	41902 REED_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/20/2024 15:34	12503 MITR_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/20/2024 15:34	47101 MARL_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/20/2024 15:34	41901 REED_T1	9	9	0	0.23	0.34	0.11	0	0	0	0	0	0	0	0
3/20/2024 15:35	41903 REED_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/20/2024 15:35	47104 MARL_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/20/2024 15:38	60701 BREC_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/20/2024 15:40	60701 BREC_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/20/2024 15:41	60701 BREC_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/20/2024 15:42	60701 BREC_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/20/2024 15:42	45901 AUBU_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/20/2024 15:44	60801 BUCK_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/20/2024 15:45	60701 BREC_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/20/2024 15:46	42901 MIDD_T2	3	10	7	0.5	0.11	-0.39	0	0	0	0	0	0	0	0
3/20/2024 15:47	45902 AUBU_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/20/2024 15:49	59402 RFLD_T2	0	1	1	0	0.2	0.2	0	0	0	0	0	0	0	0
3/20/2024 15:51	59201 THOM_T1	23	13	-10	0.4	0.35	-0.05	0	0	0	0	0	0	0	0
3/20/2024 15:51	59402 RFLD_T2	0	1	1	0	0.2	0.2	0	0	0	0	0	0	0	0
3/20/2024 15:52	59402 RFLD_T2	0	1	1	0	0.2	0.2	0	0	0	0	0	0	0	0
3/20/2024 15:52	45902 AUBU_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/20/2024 15:53	44302 BEAV_T2	2	8	6	0.1	0.19	0.09	0	0	0	0	0	0	0	0
3/20/2024 15:54	10801 CHHI_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/20/2024 15:55	56803 BENV_T1	4	10	6	0.23	0.5	0.27	0	0	0	0	0	0	0	0
3/20/2024 15:55	56802 BENV_T2	156	226	70	0.25	0.31	0.06	0	0	0	0	0	0	0	0
3/20/2024 15:55	64101 REFR_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/20/2024 15:56	56803 BENV_T1	4	10	6	0.23	0.5	0.27	0	0	0	0	0	0	0	0
3/20/2024 15:57	56801 BENV_T1	22	27	5	0.66	0.74	0.08	0	0	0	0	0	0	0	0
3/20/2024 15:57	45901 AUBU_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/20/2024 15:58	56802 BENV_T2	156	226	70	0.25	0.31	0.06	0	0	0	0	0	0	0	0
3/20/2024 15:59	10801 CHHI_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/20/2024 16:04	47402 PENS_T1	2	0	-2	0.2	0	-0.2	0	0	0	0	0	0	0	0
3/20/2024 16:06	47402 PENS_T1	2	0	-2	0.2	0	-0.2	0	0	0	0	0	0	0	0
3/20/2024 16:07	40201 BEGA_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/20/2024 16:08	40201 BEGA_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/20/2024 16:08	45902 AUBU_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/20/2024 16:10	10801 CHHI_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/20/2024 16:11	45502 DERR_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/20/2024 16:12	40501 CRES_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/20/2024 16:13	45901 AUBU_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/20/2024 16:14	17804 GILB_T2	0	1	1	0	0.5	0.5	0	0	0	0	0	0	0	0
3/20/2024 16:15	10801 CHHI_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/20/2024 16:17	17803 GILB_T2	0	3	3	0	0.1	0.1	0	0	0	0	0	0	0	0
3/20/2024 16:18	54506 ENOL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/20/2024 16:18	17805 GILB_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/20/2024 16:19	44302 BEAV_T2	3	1	-2	0.13	0.1	-0.03	0	0	0	0	0	0	0	0
3/20/2024 16:19	14403 SSLA_T1	21	17	-4	0.32	0.34	0.02	0	0	0	0	0	0	0	0
3/20/2024 16:19	58401 MORO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/20/2024 16:21	64101 REFR_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/20/2024 16:21	14401 SSLA_T1	54	32	-22	0.19	0.24	0.05	0	0	0	0	0	0	0	0
3/20/2024 16:23	64101 REFR_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/20/2024 16:24	45902 AUBU_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/20/2024 16:26	10801 CHHI_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/20/2024 16:29	45902 AUBU_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/20/2024 16:31	10801 CHHI_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/20/2024 16:33	40101 HUNT_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/20/2024 16:36	59402 RFLD_T2	0	1	1	0	0.2	0.2	0	0	0	0	0	0	0	0
3/20/2024 16:38	59101 WALK_T2	0	2	2	0	0.15	0.15	0	0	0	0	0	0	0	0
3/20/2024 16:39	40502 CRES_T2	5	4	-1	0.22	0.15	-0.07	0	0	0	0	0	0	0	0
3/20/2024 16:39	59102 WALK_T2	0	86	86	0	0.52	0.52	0	0	0	0	0	0	0	0
3/20/2024 16:40	59102 WAL

Appendix C - Grid Benefits Achieved in Each Instance of Active Management

3/20/2024 21:14	28704 HAML_T2	151	154	3	0.59	0.56	-0.03	0	0	0	0	0	0	0	0
3/20/2024 21:14	67604 WARW_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/20/2024 21:14	13502 MCMI_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/20/2024 21:14	59402 RFLD_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/20/2024 21:14	13503 MCMI_T2	20	17	-3	0.26	0.22	-0.04	0	0	0	0	0	0	0	0
3/20/2024 21:15	14801 TREI_T2	0	1	1	0	0.4	0.4	0	0	0	0	0	0	0	0
3/20/2024 21:15	57403 SPAN_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/20/2024 21:15	29402 BELT_T1	1	1	0	6.1	5.9	-0.2	0	0	0	0	0	0	0	0
3/20/2024 21:15	23902 EFMO_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/20/2024 21:15	13502 MCMI_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/20/2024 21:15	29402 BELT_T1	1	1	0	6.1	5.9	-0.2	0	0	0	0	0	0	0	0
3/20/2024 21:15	17801 GILB_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/20/2024 21:16	67604 WARW_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/20/2024 21:16	56802 BENV_T2	0	2	2	0	0.2	0.2	0	0	0	0	0	0	0	0
3/20/2024 21:16	10805 CHHI_T2	13	10	-3	3.38	2.43	-0.95	0	0	0	0	0	0	0	0
3/20/2024 21:17	17804 GILB_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/20/2024 21:17	27502 WEIS_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/20/2024 21:17	29401 BELT_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/20/2024 21:17	17002 RIRO_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/20/2024 21:17	21906 HUMB_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/20/2024 21:18	67002 STHI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/20/2024 21:18	14801 TREI_T2	0	1	1	0	0.4	0.4	0	0	0	0	0	0	0	0
3/20/2024 21:18	45901 AUBU_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/20/2024 21:18	26001 WDAM_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/20/2024 21:18	41501 FAIR_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/20/2024 21:18	17805 GILB_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/20/2024 21:18	11507 FREE_T2	1	0	-1	0.7	0	-0.7	0	0	0	0	0	0	0	0
3/20/2024 21:18	28803 LAKE_T1	3	9	6	0.13	0.22	0.09	0	0	0	0	0	0	0	0
3/20/2024 21:18	57403 SPAN_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/20/2024 21:19	20401 ASHF_T2	0	2	2	0	0	0	0	0	0	0	0	0	0	0
3/20/2024 21:19	67002 STHI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/20/2024 21:19	61304 EARL_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/20/2024 21:19	27503 WEIS_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/20/2024 21:19	40505 CRES_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/20/2024 21:19	29402 BELT_T1	1	1	0	6.1	5.9	-0.2	0	0	0	0	0	0	0	0
3/20/2024 21:20	13901 SEID_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/20/2024 21:20	56803 BENV_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/20/2024 21:20	67104 SPRI_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/20/2024 21:20	12502 MITR_T2	1	1	0	6.2	6.1	-0.1	0	0	0	0	0	0	0	0
3/20/2024 21:20	64903 MILL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/20/2024 21:20	48302 ORWI_T2	2	2	0	0.85	1.05	0.2	0	0	0	0	0	0	0	0
3/20/2024 21:20	56601 HAMP_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/20/2024 21:20	14404 SSLA_T1	2	4	2	3.05	1.78	-1.27	0	0	0	0	0	0	0	0
3/20/2024 21:20	67002 STHI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/20/2024 21:20	15001 BLMO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/20/2024 21:20	56802 BENV_T2	0	2	2	0	0.2	0.2	0	0	0	0	0	0	0	0
3/20/2024 21:21	28803 LAKE_T1	3	9	6	0.13	0.22	0.09	0	0	0	0	0	0	0	0
3/20/2024 21:21	48303 ORWI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/20/2024 21:21	67002 STHI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/20/2024 21:21	64201 KINZ_T1	5	5	0	0.26	0.28	0.02	0	0	0	0	0	0	0	0
3/20/2024 21:21	47104 MARL_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/20/2024 21:21	40501 CRES_T2	2	0	-2	0.15	0	-0.15	0	0	0	0	0	0	0	0
3/20/2024 21:21	17805 GILB_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/20/2024 21:21	48301 ORWI_T1	2	2	0	5.6	5.75	0.15	0	0	0	0	0	0	0	0
3/20/2024 21:21	45901 AUBU_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/20/2024 21:21	47002 HUGH_T2	0	1	1	0	0.2	0.2	0	0	0	0	0	0	0	0
3/20/2024 21:21	42701 AUGU_T1	1	1	0	0.4	0.5	0.1	0	0	0	0	0	0	0	0
3/20/2024 21:22	60701 BREC_T1	150	13	-137	0.14	0.11	-0.03	0	0	0	0	0	0	0	0
3/20/2024 21:22	64201 KINZ_T1	5	5	0	0.26	0.28	0.02	0	0	0	0	0	0	0	0
3/20/2024 21:22	61306 EARL_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/20/2024 21:22	48303 ORWI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/20/2024 21:22	46004 BERW_T2	0	2	2	0	0	0	0	0	0	0	0	0	0	0
3/20/2024 21:22	60201 ATGL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/20/2024 21:22	59201 THOM_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/20/2024 21:22	67202 TEHI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/20/2024 21:22	40502 CRES_T2	14	8	-6	0.26	0.15	-0.11	0	0	0	0	0	0	0	0
3/20/2024 21:22	67002 STHI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/20/2024 21:22	17805 GILB_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/20/2024 21:22	45901 AUBU_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/20/2024 21:22	43001 ALWD_T1	6	10	4	0.12	0.17	0.05	0	0	0	0	0	0	0	0
3/20/2024 21:23	66504 SMAN_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/20/2024 21:23	44601 SALE_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/20/2024 21:23	60101 COCA_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/20/2024 21:23	64204 KINZ_T1	1	1	0	0.7	0.9	0.2	0	0	0	0	0	0	0	0
3/20/2024 21:23	14401 SSLA_T1	0	1	1	0	0.1	0.1	0	0	0	0	0	0	0	0
3/20/2024 21:23	67104 SPRI_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/20/2024 21:23	15001 BLMO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/20/2024 21:23	60701 BREC_T1	150	13	-137	0.14	0.11	-0.03	0	0	0	0	0	0	0	0
3/20/2024 21:23	40501 CRES_T2	2	0	-2	0.15	0	-0.15	0	0	0	0	0	0	0	0
3/20/2024 21:23	17803 GILB_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/20/2024 21:23	46301 ROHR_T1	83	95	12	0.22	0.29	0.07	0	0	0	0	0	0	0	0
3/20/2024 21:23	59102 WALK_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/20/2024 21:23	40101 HUNT_T2	5	9	4	0.54	0.2	-0.34	0	0	0	0	0	0	0	0
3/20/2024 21:23	29401 BELT_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/20/2024 21:23	41801 GOCI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/20/2024 21:23	64101 REFR_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/20/2024 21:24	57403 SPAN_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/20/2024 21:24	41802 GOCI_T2	2	3	1	0.1	0.13	0.03	0	0	0	0	0	0	0	0
3/20/2024 21:24	60801 BUCK_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/20/2024 21:24	54504 ENOL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/20/2024 21:24	42701 AUGU_T1	1	1	0	0.4	0.5	0.1	0	0	0	0	0	0	0	0
3/20/2024 21:24	44301 BEAV_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/20/2024 21:24	53501 EVIL_T2	2	2	0	0.3	0.55	0.25	0	0	0	0	0	0	0	0
3/20/2024 21:24	47403 PENS_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/20/2024 21:24	40504 CRES_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/20/2024 21:24	67002 STHI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/20/2024 21:24	29402 BELT_T1	1	1	0	6.1	5.9	-0.2	0	0	0	0	0	0	0	0
3/20/2024 21:24	40502 CRES_T2	14	8	-6	0.26	0.15	-0.11	0	0	0	0	0	0	0	0
3/20/2024 21:24	42002 MNVL_T2	1	1	0	5.2	5.2	0	0	0	0	0	0	0	0	0
3/20/2024 21:25	67001 STHI_T2	1	1	0	0.1	0.1	0	0	0	0	0	0	0	0	0
3/20/2024 21:25	45501 DERR_T2	3	5	2	1.27	0.53	-0.74	0	0	0	0	0	0	0	0
3/20/2024 21:25	67204 TEHI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/20/2024 21:25	67104 SPRI_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/20/2024 21:25	48302 ORWI_T2	2	2	0	0.85	1.05	0.2	0	0	0	0	0	0	0	0
3/20/2024 21:25	64203 KINZ_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/20/2024 21:25	54506 ENOL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/20/2024 21:25	40503 CRES_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/20/2024 21:25	40501 CRES_T2	2	0	-2	0.15	0	-0.15	0	0	0	0	0	0	0	0
3/20/2024 21:25	29401 BELT_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/20/2024 21:25	14404 SSLA_T1	2	4	2	3.05	1.78	-1.27	0	0	0	0	0	0	0	0
3/20/2024 21:25	54501 ENOL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/20/2024 21:25	65502 MOJO_T2	5	0	-5	0.1	0	-0.1	0	0	0	0	0	0	0	0
3/20/2024 21:25	53901 HALI_T2	1	2	1	0.4	0.4	0	0	0	0	0	0	0	0	0
3/20/2024 21:25	20401 ASHF_T2	0	2	2	0	0	0	0	0	0	0	0	0	0	0
3/20/2024 21:25	40601 PIGR_T1	5	10	5	0.14	0.13	-0.01	0	0	0	0	0	0	0	0
3/20/2024 21:25	54503 ENOL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/20/2024 21:25	45901 AUBU_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/20/2024 21:25	64802 MONE_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/20/2024 21:25	59302 MCAL_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/20/2024 21:25	60101 COCA_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/20/2024 21:25	67603 WARW_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/20/2024 21:25	56802 BENV_T2	0	2	2	0	0.2	0.2	0	0	0	0	0	0	0	0
3/20/2024 21:25	67503 WEWI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/20/2024 21:25	44601 SALE_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/20/2024 21:26	54504 ENOL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/20/2024 21:26	52404 GRPA_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/20/2024 21:26	15001 BLMO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/20/2024 21:26	60701 BREC_T1	150	13	-137	0.14	0.11	-0.03	0	0	0	0	0	0	0	0
3/20/2024 21:26	55002 NEWP_T1	3	2	-1	0.27	0.35	0.08	0	0	0	0	0	0	0	0
3/20/2024 21:26	42701 AUGU_T1	1	1	0	0.4	0.5	0.1	0	0	0	0	0	0	0	0
3/20/2024 21:26	40504 CRES_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/20/2024 21:26	65002 NEFF_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/20/2024 21:26	52204 DEVO_T2	0	1	1	0	0	0	0	0	0	0	0	0	0	0
3/20/2024 21:26	47101 MARL_T1	1	0	-1	0.4	0	-0.4	0	0	0	0	0	0	0	0
3/20/2024 21:26	44302 BEAV_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/20/2024 21:26	60201 ATGL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/20/2024 21:26	53501 EVIL_T2	2	2	0	0.3	0.55	0.25	0	0	0	0	0	0	0	0
3/20/2024 21:27	54504 ENOL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/20/2024 21:27	67002 STHI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/20/2024 21:27	46201 DANV_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/20/2024 21:27	52404 GRPA_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/20/2024 21:27	14802 TREI_T2	0	3	3	0	0.13	0.13	0	0	0	0	0	0	0	0
3/20/2024 21:27	42701 AUGU_T1	1	1	0	0.4	0.5	0.1	0	0	0	0	0	0	0	0
3/20/2024 21:27	47401 PENS_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/20/2024 21:27	58402 MORO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/20/2024 21:27	40503 CRES_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/20/2024 21:27	54506 ENOL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/20/2024 21:27	20402 ASHF_T2	0	3	3	0	0	0	0	0	0	0	0	0	0	0
3/20/2024 21:27	40501 CRES_T2	2	0	-2	0.15	0	-0.15	0	0	0	0	0	0	0	0
3/20/2024 21:27	46701 RENO_T1	29	32	3	0.43	0.4	-0.03	0	0	0	0	0	0	0	0
3/20/2024 21:27	53502 EVIL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/20/2024 21:27	45602 WOOL_T1	2	2	0	0.2	0.25	0.05	0	0	0	0	0	0	0	0
3/20/2024 21:27	41602 CLEV_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/20/2024 21:27	46003 BERW_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/20/2024 21:27	10801 CHHI_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/20/2024 21:27	65502 MOJO_T2	5	0	-5	0.1	0	-0.1	0	0	0	0	0	0	0	0
3/20/2024 21:27	14401 SSLA_T1	0	1	1	0	0.1	0.1	0	0	0	0	0	0	0	0
3/20/2024 21:27	53802 MIBRG_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/20/2024 21:27	59102 WALK_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/20/2024 21:27	67402 WAKE_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/20/2024 21:27	56802 BENV_T2	0	2	2	0	0.2	0.2	0	0	0	0	0	0	0	0
3/20/2024 21:27	57403 SPAN_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/20/2024 21:27	44301 BEAV_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/20/2024 21:27	42902 MIDD_T2	1	0	-1	0.5	0	-0.5	0	0	0	0	0	0	0	0
3/20/2024 21:27	56803 BENV_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/20/2024 21:27	52503 PROG_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/20/2024 21:27	60201 ATGL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/20/2024 21:27	45802 HEGI_T2	1	0	-1	0.1	0	-0.1	0	0	0	0	0	0	0	0
3/20/2024 21:28	60502 NMAN_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/20/2024 21:28	14404 SSLA_T1	2	4	2	3.05	1.78	-1.27	0	0	0	0	0	0	0	0
3/20/2024 21:28	61306 EARL_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/20/2024 21:28	40902 JESH_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/20/2024 21:28	40502 CRES_T2	14	8	-6	0.26	0.15	-0.11	0	0	0	0	0	0	0	0
3/20/2024 21:28	67001 STHI_T2	1	1	0	0.1	0.1	0	0	0	0	0	0	0	0	0
3/20/2024 21:28	59002 MIFF_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/20/2024 21:28	41602 CLEV_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/20/2024 21:28	45802 HEGI_T2	1	0	-1	0.1	0	-0.1	0	0	0	0	0	0	0	0
3/20/2024 21:28	59302 MCAL_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/20/2024 21:28	43202 MVIL_T2	11	36	25	0.21	0.26	0.05	0	0	0	0	0	0	0	0
3/20/2024 21:28	56801 BENV_T1	12	13	1	1.02	1.36	0.34	0	0	0	0	0	0	0	0
3/20/2024 21:28	45402 WILO_T2	1	12	11	0.1	0.18	0.08	0	0	0	0	0	0	0	0
3/20/2024 21:28	42201 SHEN_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/20/2024 21:28	67203 TEHI_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/20/2024 21:28	10805 CHHI_T2	13	10	-3	3.38	2.43	-0.95	0	0	0	0	0	0	0	0
3/20/2024 21:28	40101 HUNT_T2	5	9	4	0.54	0.2	-0.34	0	0	0	0	0	0	0	0
3/20/2024 21:28	59102 WALK_T2	0	0	0	0	0	0	0	0	0	0	0	0	0

3/20/2024 21:31	14401 SSLA_T1	1	1	0	0.1	0.1	0	0	0	0	0	0	0	0
3/20/2024 21:31	40502 CRES_T2	3	11	8	0.17	0.14	-0.03	0	0	0	0	0	0	0
3/20/2024 21:31	54505 ENOL_T2	1	1	0	0.9	0.7	-0.2	0	0	0	0	0	0	0
3/20/2024 21:31	43104 SMIL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
3/20/2024 21:31	40902 JESH_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
3/20/2024 21:31	46003 BERW_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
3/20/2024 21:31	45601 WOOL_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
3/20/2024 21:31	64101 REFR_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
3/20/2024 21:31	46803 HEPB_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
3/20/2024 21:32	60701 BREC_T1	8	46	38	0.11	0.12	0.01	0	0	0	0	0	0	0
3/20/2024 21:32	41901 REED_T1	8	8	0	0.53	0.61	0.08	0	0	0	0	0	0	0
3/20/2024 21:32	15001 BLMO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
3/20/2024 21:32	42803 SELI_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
3/20/2024 21:32	41802 GOCI_T2	3	7	4	0.1	0.13	0.03	0	0	0	0	0	0	0
3/20/2024 21:32	56802 BENV_T2	1	21	20	0.1	0.13	0.03	0	0	0	0	0	0	0
3/20/2024 21:32	43201 MVIL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
3/20/2024 21:32	40501 CRES_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
3/20/2024 21:33	52403 GRPA_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
3/20/2024 21:33	55002 NEWP_T1	2	3	1	0.35	0.5	0.15	0	0	0	0	0	0	0
3/20/2024 21:33	54501 ENOL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
3/20/2024 21:33	64101 REFR_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
3/20/2024 21:33	46005 BERW_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
3/20/2024 21:33	60701 BREC_T1	8	46	38	0.11	0.12	0.01	0	0	0	0	0	0	0
3/20/2024 21:33	57403 SPAN_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
3/20/2024 21:33	40201 BEGA_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
3/20/2024 21:33	44301 BEAV_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
3/20/2024 21:34	40201 BEGA_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
3/20/2024 21:34	54505 ENOL_T2	1	1	0	0.9	0.7	-0.2	0	0	0	0	0	0	0
3/20/2024 21:34	55103 WERT_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
3/20/2024 21:34	54504 ENOL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
3/20/2024 21:34	40602 PIGR_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
3/20/2024 21:34	40504 CRES_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
3/20/2024 21:34	44302 BEAV_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
3/20/2024 21:34	59102 WALK_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
3/20/2024 21:34	56802 BENV_T2	1	21	20	0.1	0.13	0.03	0	0	0	0	0	0	0
3/20/2024 21:35	41901 REED_T1	8	8	0	0.53	0.61	0.08	0	0	0	0	0	0	0
3/20/2024 21:35	47403 PENS_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
3/20/2024 21:35	44301 BEAV_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
3/20/2024 21:35	46302 ROHR_T1	2	5	3	2.45	1.48	-0.97	0	0	0	0	0	0	0
3/20/2024 21:35	67402 WAKE_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
3/20/2024 21:36	54504 ENOL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
3/20/2024 21:36	40505 CRES_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
3/20/2024 21:36	52402 GRPA_T2	4	5	1	1.28	1.2	-0.08	0	0	0	0	0	0	0
3/20/2024 21:36	53901 HALI_T2	2	1	-1	0.4	0.5	0.1	0	0	0	0	0	0	0
3/20/2024 21:37	59102 WALK_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
3/20/2024 21:37	52404 GRPA_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
3/20/2024 21:38	40101 HUNT_T2	6	5	-1	0.5	0	-0.5	0	0	0	0	0	0	0
3/20/2024 21:46	13501 MCMI_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
3/20/2024 22:28	13503 MCMI_T2	64	21	-43	0.33	0.26	-0.07	0	0	0	0	0	0	0
3/20/2024 22:40	60101 COCA_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
3/20/2024 22:48	55002 NEWP_T1	0	2	2	0	0.25	0.25	0	0	0	0	0	0	0
3/20/2024 22:56	54501 ENOL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
3/20/2024 23:00	53501 EVIL_T2	2	2	0	1	0.75	-0.25	0	0	0	0	0	0	0
3/20/2024 23:04	53903 HALI_T2	2	2	0	0.75	0.9	0.15	0	0	0	0	0	0	0
3/20/2024 23:04	14802 TREI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
3/21/2024 0:24	57401 SPAN_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
3/21/2024 0:41	40101 HUNT_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
3/21/2024 1:33	65002 NEFF_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
3/21/2024 3:20	65001 NEFF_T2	10	9	-1	0.14	0.13	-0.01	0	0	0	0	0	0	0
3/21/2024 4:02	65004 NEFF_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
3/21/2024 7:54	29402 BELT_T1	1	1	0	6.6	7	0.4	0	0	0	0	0	0	0
3/21/2024 7:55	45502 DERR_T2	9	16	7	0.8	0.57	-0.23	0	0	0	0	0	0	0
3/21/2024 7:55	29401 BELT_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
3/21/2024 7:55	29401 BELT_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
3/21/2024 7:57	29402 BELT_T1	1	1	0	6.6	7	0.4	0	0	0	0	0	0	0
3/21/2024 7:57	60201 ATGL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
3/21/2024 8:00	61304 EARL_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
3/21/2024 8:01	25402 LAHA_T2	40	48	8	0.76	0.57	-0.19	0	0	0	0	0	0	0
3/21/2024 8:11	29401 BELT_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
3/21/2024 8:13	52004 LING_T2	1	0	-1	0.2	0	-0.2	0	0	0	0	0	0	0
3/21/2024 8:13	29401 BELT_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
3/21/2024 8:13	40101 HUNT_T2	232	241	9	0.64	0.45	-0.19	0	0	0	0	0	0	0
3/21/2024 8:13	29402 BELT_T1	1	1	0	6.7	7.2	0.5	0	0	0	0	0	0	0
3/21/2024 8:15	29401 BELT_T1	0	1	1	0	0.1	0.1	0	0	0	0	0	0	0
3/21/2024 8:21	67104 SPRI_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
3/21/2024 8:26	52401 GRPA_T2	0	1	1	0	0.4	0.4	0	0	0	0	0	0	0
3/21/2024 8:26	60201 ATGL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
3/21/2024 8:27	52401 GRPA_T2	0	1	1	0	0.4	0.4	0	0	0	0	0	0	0
3/21/2024 8:29	61303 EARL_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
3/21/2024 8:31	13501 MCMI_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
3/21/2024 8:32	13501 MCMI_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
3/21/2024 8:33	48301 ORWI_T1	2	2	0	5.6	4.3	-1.3	0	0	0	0	0	0	0
3/21/2024 8:37	67102 SPRI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
3/21/2024 8:38	67106 SPRI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
3/21/2024 8:39	46204 DANV_T2	0	1	1	0	0	0	0	0	0	0	0	0	0
3/21/2024 8:55	10805 CHHI_T2	10	7	-3	1.7	1.73	0.03	0	0	0	0	0	0	0
3/21/2024 9:05	67201 TEHI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
3/21/2024 9:08	67401 WAKE_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
3/21/2024 9:09	67202 TEHI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
3/21/2024 9:15	13503 MCMI_T2	2	10	8	0.2	0.23	0.03	0	0	0	0	0	0	0
3/21/2024 9:20	42201 SHEN_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
3/21/2024 9:21	67204 TEHI_T2	0	1	1	0	0.1	0.1	0	0	0	0	0	0	0
3/21/2024 9:21	59101 WALK_T2	0	1	1	0	0	0	0	0	0	0	0	0	0
3/21/2024 9:22	59102 WALK_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
3/21/2024 9:23	59102 WALK_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
3/21/2024 9:24	67204 TEHI_T2	0	1	1	0	0.1	0.1	0	0	0	0	0	0	0
3/21/2024 9:26	52403 GRPA_T2	1	5	4	1.5	0.15	-1.35	0	0	0	0	0	0	0
3/21/2024 9:27	52402 GRPA_T2	2	1	-1	1.65	3.5	1.85	0	0	0	0	0	0	0
3/21/2024 9:28	20601 GRWO_T2	1	9	8	0.2	0.8	0.6	0	0	0	0	0	0	0
3/21/2024 9:28	10801 CHHI_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
3/21/2024 9:31	43202 MVIL_T2	0	1	1	0	0.1	0.1	0	0	0	0	0	0	0
3/21/2024 9:33	41902 REED_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
3/21/2024 9:33	43202 MVIL_T2	0	1	1	0	0.1	0.1	0	0	0	0	0	0	0
3/21/2024 9:33	10801 CHHI_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
3/21/2024 9:34	41901 REED_T1	9	9	0	0.34	0.66	0.32	0	0	0	0	0	0	0
3/21/2024 9:38	42202 SHEN_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
3/21/2024 9:40	56802 BENV_T2	2	2	0	0.2	0.4	0.2	0	0	0	0	0	0	0
3/21/2024 9:42	52401 GRPA_T2	1	1	0	0.5	0.7	0.2	0	0	0	0	0	0	0
3/21/2024 9:42	29402 BELT_T1	2	2	0	3.8	4.25	0.45	0	0	0	0	0	0	0
3/21/2024 9:42	56802 BENV_T2	2	2	0	0.2	0.4	0.2	0	0	0	0	0	0	0
3/21/2024 9:43	28803 LAKE_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
3/21/2024 9:43	29401 BELT_T1	7	18	11	0.11	0.14	0.03	0	0	0	0	0	0	0
3/21/2024 9:44	52404 GRPA_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
3/21/2024 9:46	20401 ASHF_T2	2	2	0	1.4	1.6	0.2	0	0	0	0	0	0	0
3/21/2024 9:47	48303 ORWI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
3/21/2024 9:47	46702 RENO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
3/21/2024 9:47	28805 LAKE_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
3/21/2024 9:48	20403 ASHF_T2	2	0	-2	0.4	0	-0.4	0	0	0	0	0	0	0
3/21/2024 9:48	47403 PENS_T1	0	1	1	0	2	2	0	0	0	0	0	0	0
3/21/2024 9:49	47402 PENS_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
3/21/2024 9:50	27503 WEIS_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
3/21/2024 9:50	47401 PENS_T1	1	2	1	0.5	0.5	0	0	0	0	0	0	0	0
3/21/2024 9:51	67202 TEHI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
3/21/2024 9:51	47402 PENS_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
3/21/2024 9:51	64101 REFR_T1	0	1	1	0	0.1	0.1	0	0	0	0	0	0	0
3/21/2024 9:52	67204 TEHI_T2	1	1	0	0.1	0.1	0	0	0	0	0	0	0	0
3/21/2024 9:52	67401 WAKE_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
3/21/2024 9:54	10801 CHHI_T1	0	1	1	0	0.2	0.2	0	0	0	0	0	0	0
3/21/2024 9:57	40101 HUNT_T2	129	177	48	0.47	0.41	-0.06	0	0	0	0	0	0	0
3/21/2024 9:58	10801 CHHI_T1	0	1	1	0	0.2	0.2	0	0	0	0	0	0	0
3/21/2024 9:58	10805 CHHI_T2	7	10	3	1.49	1.91	0.42	0	0	0	0	0	0	0
3/21/2024 9:59	41801 GOCI_T2	1	3	2	0.4	0.53	0.13	0	0	0	0	0	0	0
3/21/2024 9:59	10801 CHHI_T1	0	1	1	0	0.2	0.2	0	0	0	0	0	0	0
3/21/2024 10:00	41901 REED_T1	8	9	1	0.45	0.57	0.12	0	0	0	0	0	0	0
3/21/2024 10:00	40602 PIGR_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
3/21/2024 10:00	67105 SPRI_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
3/21/2024 10:00	53901 HALI_T2	0	3	3	0	0.17	0.17	0	0	0	0	0	0	0
3/21/2024 10:00	42201 SHEN_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
3/21/2024 10:00	67401 WAKE_T2	0	1	1	0	0.1	0.1	0	0	0	0	0	0	0
3/21/2024 10:00	40505 CRES_T1	1	0	-1	0.4	0	-0.4	0	0	0	0	0	0	0
3/21/2024 10:00	62607 ENGL_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
3/21/2024 10:00	47101 MARL_T1	1	0	-1	0.2	0	-0.2	0	0	0	0	0	0	0
3/21/2024 10:00	65003 NEFF_T2	0	2	2	0	0.3	0.3	0	0	0	0	0	0	0
3/21/2024 10:00	58001 WCAR_T1	0	3	3	0	0.23	0.23	0	0	0	0	0	0	0
3/21/2024 10:00	29401 BELT_T1	0	17	17	0	0.16	0.16	0	0	0	0	0	0	0
3/21/2024 10:00	54502 ENOL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
3/21/2024 10:00	67604 WARW_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
3/21/2024 10:00	66303 MCGD_T2	1	1	0	0.7	0.4	-0.3	0	0	0	0	0	0	0
3/21/2024 10:00	57304 MOAL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
3/21/2024 10:00	57401 SPAN_T1	0	2	2	0	0.35	0.35	0	0	0	0	0	0	0
3/21/2024 10:00	46701 RENO_T1	2	2	0	4.2	4.25	0.05	0	0	0	0	0	0	0
3/21/2024 10:00	40101 HUNT_T2	176	83	-93	0.47	0.34	-0.13	0	0	0	0	0	0	0
3/21/2024 10:00	41802 GOCI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
3/21/2024 10:00	42903 MIDD_T2	2	2	0	0.25	0.15	-0.1	0	0	0	0	0	0	0
3/21/2024 10:00	45802 HEGI_T2	0	1	1	0	0	0	0	0	0	0	0	0	0
3/21/2024 10:00	48301 ORWI_T1	2	2	0	4.15	4.2	0.05	0	0	0	0	0	0	0
3/21/2024 10:00	47403 PENS_T1	1	1	0	2	2	0	0	0	0	0	0	0	0
3/21/2024 10:00	46003 BERW_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
3/21/2024 10:00	67604 WARW_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
3/21/2024 10:00	45602 WOOL_T1	2	2	0	0.4	0.65	0.25	0	0	0	0	0	0	0
3/21/2024 10:00	43001 ALWD_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
3/21/2024 10:00	45902 AUBU_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
3/21/2024 10:00	28604 BLYT_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
3/21/2024 10:00	27503 WEIS_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
3/21/2024 10:00	52003 LING_T1	0	12	12	0	9.64	9.64	0	0	0	0	0	0	0
3/21/2024 10:00	10801 CHHI_T1	0	1	1	0	0.2	0.2	0	0	0	0	0	0	0
3/21/2024 10:00	53502 EVIL_T2	1	0	-1	0.3	0	-0.3	0	0	0	0	0	0	0
3/21/2024 10:00	17805 GILB_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
3/21/2024 10:00	43201 MVIL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
3/21/2024 10:01	42204 SHEN_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
3/21/2024 10:01	40505 CRES_T1	1	0	-1	0.4	0	-0.4	0	0	0	0	0	0	0
3/21/2024 10:03	29401 BELT_T1	0	17	17	0	0.16	0.16	0	0	0	0	0	0	0
3/21/2024 10:03	46101 MACI_T2	0	1	1	0	0	0	0	0	0	0	0	0	0
3/21/2024 10:06	67002 STHI_T2	105	184	79	0.19	0.22	0.03	0	0	0	0	0	0	0
3/21/2024 10:06	42302 MOWR_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
3/21/2024 10:06	60803 BUCK_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
3/21/2024 10:06	40201 BEGA_T2	0	1	1	0	0	0	0	0	0	0	0	0	0
3/21/2024 10:06	58402 MORO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
3/21/2024 10:07	12501 MITR_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
3/21/2024 10:07	48302 ORWI_T2	2	2	0	1.3	1.3	0	0	0	0	0	0	0	0
3/21/2024 10:07	64902 MILL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
3/21/2024 10:07	14402 SSLA_T1	6	26	20	0.2	0.2	0	0	0	0	0	0	0	0
3/21/2024 10:07	64904 MILL_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
3/21/2024 10:07	67402 WAKE_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
3/21/2024 10:07	60701 BREC_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
3/21/2024 10:08	53802 MBRG_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
3/21/2024 10:08	40501 CRES_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
3/21/2024 10:08	14402 SSLA_T1	6	26	20	0.2	0.2	0	0	0	0	0	0	0	0
3/21/2024 10:08	63804 HEMP_T1	1	1	0	6.1	6.6	0.5	0	0	0	0	0	0	0
3/21/2024 10:08	24105 EHAZ_T1	4	4	0	5.35	5.23	-0.12	0	0	0	0	0	0	0
3/21/2024 10:08	45601 WOOL_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
3/21/2024 10:08	23001 SAJO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
3/21/2024 10:08	39601 LNFD_T1	0	7	7	0	0	0	0	0	0	0	0	0	0
3/21/2024 10:08	15001 BLMO_T1	3	3	0	0.3	0.23	-0.07	0	0	0	0	0	0	0
3/21/2024 10:

3/21/2024 10:15	29401 BELT_T1	0	23	23	0	0.17	0.17	0	0	0	0	0	0	0
3/21/2024 10:15	41801 GOCI_T2	1	3	2	0.1	0.57	0.47	0	0	0	0	0	0	0
3/21/2024 10:16	29401 BELT_T1	0	23	23	0	0.17	0.17	0	0	0	0	0	0	0
3/21/2024 10:16	55001 NEWP_T1	1	0	-1	0.1	0	-0.1	0	0	0	0	0	0	0
3/21/2024 10:16	13503 MCMI_T2	25	73	48	0.2	0.3	0.1	0	0	0	0	0	0	0
3/21/2024 10:17	13502 MCMI_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
3/21/2024 10:17	55002 NEWP_T1	3	6	3	0.43	0.67	0.24	0	0	0	0	0	0	0
3/21/2024 10:17	13503 MCMI_T2	25	73	48	0.2	0.3	0.1	0	0	0	0	0	0	0
3/21/2024 10:18	26401 INOR_T1	1	3	2	0.3	0	-0.3	0	0	0	0	0	0	0
3/21/2024 10:18	65001 NEFF_T2	26	5	-21	0.22	0.18	-0.04	0	0	0	0	0	0	0
3/21/2024 10:18	13501 MCMI_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
3/21/2024 10:18	55002 NEWP_T1	3	6	3	0.43	0.67	0.24	0	0	0	0	0	0	0
3/21/2024 10:19	55002 NEWP_T1	3	6	3	0.43	0.67	0.24	0	0	0	0	0	0	0
3/21/2024 10:20	42204 SHEN_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
3/21/2024 10:20	43202 MVIL_T2	1	1	0	0.2	0.5	0.3	0	0	0	0	0	0	0
3/21/2024 10:20	59101 WALK_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
3/21/2024 10:22	13904 SEID_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
3/21/2024 10:22	56802 BENV_T2	3	5	2	0.27	0.22	-0.05	0	0	0	0	0	0	0
3/21/2024 10:22	26002 WDAM_T1	2	2	0	1.7	1.05	-0.65	0	0	0	0	0	0	0
3/21/2024 10:24	42701 AUGU_T1	1	2	1	0.6	0.65	0.05	0	0	0	0	0	0	0
3/21/2024 10:24	67002 STHI_T2	167	250	83	0.2	0.23	0.03	0	0	0	0	0	0	0
3/21/2024 10:24	59101 WALK_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
3/21/2024 10:24	60201 ATGL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
3/21/2024 10:24	10805 CHHI_T2	10	13	3	1.81	1.77	-0.04	0	0	0	0	0	0	0
3/21/2024 10:25	59102 WALK_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
3/21/2024 10:25	56802 BENV_T2	3	5	2	0.27	0.22	-0.05	0	0	0	0	0	0	0
3/21/2024 10:25	67001 STHI_T2	373	470	97	0.18	0.21	0.03	0	0	0	0	0	0	0
3/21/2024 10:26	67002 STHI_T2	167	250	83	0.2	0.23	0.03	0	0	0	0	0	0	0
3/21/2024 10:26	42701 AUGU_T1	1	2	1	0.6	0.65	0.05	0	0	0	0	0	0	0
3/21/2024 10:26	18001 ZION_T1	1	1	0	0.2	0.2	0	0	0	0	0	0	0	0
3/21/2024 10:26	43001 ALWD_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
3/21/2024 10:27	20401 ASHF_T2	2	3	1	1	0	-1	0	0	0	0	0	0	0
3/21/2024 10:28	64201 KINZ_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
3/21/2024 10:28	46203 DANV_T2	20	34	14	0.31	0.21	-0.1	0	0	0	0	0	0	0
3/21/2024 10:29	20403 ASHF_T2	0	1	1	0	0	0	0	0	0	0	0	0	0
3/21/2024 10:30	20401 ASHF_T2	1	2	1	1	0.35	-0.65	0	0	0	0	0	0	0
3/21/2024 10:30	64204 KINZ_T1	2	2	0	0.5	0.9	0.4	0	0	0	0	0	0	0
3/21/2024 10:32	40602 PIGR_T1	0	1	1	0	0.3	0.3	0	0	0	0	0	0	0
3/21/2024 10:32	43202 MVIL_T2	1	2	1	0.3	0.4	0.1	0	0	0	0	0	0	0
3/21/2024 10:33	65902 SAKR_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
3/21/2024 10:33	64801 MONE_T2	18	20	2	0.28	0.34	0.06	0	0	0	0	0	0	0
3/21/2024 10:34	67204 TEHI_T2	1	1	0	0.3	0.7	0.4	0	0	0	0	0	0	0
3/21/2024 10:34	66505 SMAN_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
3/21/2024 10:34	47802 MOCA_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
3/21/2024 10:35	16401 MOPO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
3/21/2024 10:36	42202 SHEN_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
3/21/2024 10:37	40602 PIGR_T1	0	1	1	0	0.3	0.3	0	0	0	0	0	0	0
3/21/2024 10:38	65002 NEFF_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
3/21/2024 10:38	61102 BERK_T5	3	2	-1	0.13	0.25	0.12	0	0	0	0	0	0	0
3/21/2024 10:38	56802 BENV_T2	2	4	2	0.4	0.2	-0.2	0	0	0	0	0	0	0
3/21/2024 10:38	67202 TEHI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
3/21/2024 10:40	46206 DANV_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
3/21/2024 10:40	61103 BERK_T5	8	16	8	0.26	0.27	0.01	0	0	0	0	0	0	0
3/21/2024 10:40	56802 BENV_T2	2	4	2	0.4	0.2	-0.2	0	0	0	0	0	0	0
3/21/2024 10:41	46005 BERW_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
3/21/2024 10:42	17805 GILB_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
3/21/2024 10:42	56802 BENV_T2	2	4	2	0.4	0.2	-0.2	0	0	0	0	0	0	0
3/21/2024 10:42	53901 HAU_T2	1	7	6	0.2	0.3	0.1	0	0	0	0	0	0	0
3/21/2024 10:42	61103 BERK_T5	8	16	8	0.26	0.27	0.01	0	0	0	0	0	0	0
3/21/2024 10:42	60803 BUCK_T1	0	1	1	0	0.1	0.1	0	0	0	0	0	0	0
3/21/2024 10:43	29402 BELT_T1	1	1	0	7.5	7.4	-0.1	0	0	0	0	0	0	0
3/21/2024 10:43	54503 ENOL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
3/21/2024 10:43	46001 BERW_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
3/21/2024 10:43	46201 DANV_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
3/21/2024 10:43	60803 BUCK_T1	0	1	1	0	0.1	0.1	0	0	0	0	0	0	0
3/21/2024 10:44	64203 KINZ_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
3/21/2024 10:44	17801 GILB_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
3/21/2024 10:44	46803 HEPB_T2	1	0	-1	0.2	0	-0.2	0	0	0	0	0	0	0
3/21/2024 10:45	40101 HUNT_T2	20	7	-13	0.23	0.1	-0.13	0	0	0	0	0	0	0
3/21/2024 10:45	53903 HAU_T2	9	14	5	0.64	0.61	-0.03	0	0	0	0	0	0	0
3/21/2024 10:45	17805 GILB_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
3/21/2024 10:46	17804 GILB_T2	2	2	0	0.3	0.35	0.05	0	0	0	0	0	0	0
3/21/2024 10:46	59003 MIFF_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
3/21/2024 10:47	64204 KINZ_T1	1	2	1	0.1	1	0.9	0	0	0	0	0	0	0
3/21/2024 10:47	40101 HUNT_T2	20	7	-13	0.23	0.1	-0.13	0	0	0	0	0	0	0
3/21/2024 10:48	64203 KINZ_T1	2	3	1	0.1	0.4	0.3	0	0	0	0	0	0	0
3/21/2024 10:50	58402 MORO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
3/21/2024 10:52	40201 BEGA_T2	1	1	0	1.2	0.4	-0.8	0	0	0	0	0	0	0
3/21/2024 10:54	42701 AUGU_T1	2	2	0	0.65	0.8	0.15	0	0	0	0	0	0	0
3/21/2024 10:55	46001 BERW_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
3/21/2024 10:55	45501 DERR_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
3/21/2024 10:56	60201 ATGL_T2	0	1	1	0	3.8	3.8	0	0	0	0	0	0	0
3/21/2024 10:57	45501 DERR_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
3/21/2024 10:57	41802 GOCI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
3/21/2024 10:58	52403 GRPA_T2	10	14	4	0.32	0.66	0.34	0	0	0	0	0	0	0
3/21/2024 10:58	28703 HAML_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
3/21/2024 10:58	46005 BERW_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
3/21/2024 11:00	52404 GRPA_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
3/21/2024 11:02	40101 HUNT_T2	6	5	-1	0.12	0.2	0.08	0	0	0	0	0	0	0
3/21/2024 11:02	47001 HUGH_T2	4	3	-1	0.2	0.17	-0.03	0	0	0	0	0	0	0
3/21/2024 11:03	40903 JESH_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
3/21/2024 11:03	52401 GRPA_T2	1	1	0	0.8	1	0.2	0	0	0	0	0	0	0
3/21/2024 11:03	40101 HUNT_T2	6	5	-1	0.12	0.2	0.08	0	0	0	0	0	0	0
3/21/2024 11:04	44601 SALE_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
3/21/2024 11:04	64801 MONE_T2	16	19	3	0.29	0.41	0.12	0	0	0	0	0	0	0
3/21/2024 11:06	45602 WOOL_T1	5	5	0	0.42	0.44	0.02	0	0	0	0	0	0	0
3/21/2024 11:07	45901 AUBU_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
3/21/2024 11:07	44601 SALE_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
3/21/2024 11:08	45602 WOOL_T1	5	5	0	0.42	0.44	0.02	0	0	0	0	0	0	0
3/21/2024 11:09	46005 BERW_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
3/21/2024 11:09	45902 AUBU_T1	1	0	-1	0.1	0	-0.1	0	0	0	0	0	0	0
3/21/2024 11:09	45402 WBLO_T2	1	2	1	0.9	0.45	-0.45	0	0	0	0	0	0	0
3/21/2024 11:10	52401 GRPA_T2	1	1	0	0.8	1	0.2	0	0	0	0	0	0	0
3/21/2024 11:10	59101 WALK_T2	0	4	4	0	0.48	0.48	0	0	0	0	0	0	0
3/21/2024 11:10	15001 BLMO_T1	0	1	1	0	0.1	0.1	0	0	0	0	0	0	0
3/21/2024 11:10	45402 WBLO_T2	1	2	1	0.9	0.45	-0.45	0	0	0	0	0	0	0
3/21/2024 11:13	45601 WOOL_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
3/21/2024 11:13	10801 CHHI_T1	1	1	0	0.1	0.2	0.1	0	0	0	0	0	0	0
3/21/2024 11:14	52401 GRPA_T2	1	1	0	0.8	1	0.2	0	0	0	0	0	0	0
3/21/2024 11:15	45602 WOOL_T1	2	6	4	0.65	0.47	-0.18	0	0	0	0	0	0	0
3/21/2024 11:15	59302 MCAL_T1	1	1	0	0.3	0.6	0.3	0	0	0	0	0	0	0
3/21/2024 11:16	52403 GRPA_T2	11	22	11	0.53	0.63	0.1	0	0	0	0	0	0	0
3/21/2024 11:16	46005 BERW_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
3/21/2024 11:17	40101 HUNT_T2	2	22	20	0.25	0.2	-0.05	0	0	0	0	0	0	0
3/21/2024 11:18	10801 CHHI_T1	1	2	-1	0.2	0.6	0.4	0	0	0	0	0	0	0
3/21/2024 11:20	59102 WALK_T2	2	6	4	0.25	0.4	0.15	0	0	0	0	0	0	0
3/21/2024 11:20	45601 WOOL_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
3/21/2024 11:21	27502 WEIS_T2	1	0	-1	0.4	0	-0.4	0	0	0	0	0	0	0
3/21/2024 11:21	52402 GRPA_T2	12	21	9	0.64	0.67	0.03	0	0	0	0	0	0	0
3/21/2024 11:23	59101 WALK_T2	1	4	3	0.8	0.48	-0.32	0	0	0	0	0	0	0
3/21/2024 11:24	55103 WERT_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
3/21/2024 11:24	61103 BERK_T5	17	30	13	0.34	0.3	-0.04	0	0	0	0	0	0	0
3/21/2024 11:24	45402 WBLO_T2	2	2	0	0.45	0.4	-0.05	0	0	0	0	0	0	0
3/21/2024 11:24	15001 BLMO_T1	1	0	-1	0.1	0	-0.1	0	0	0	0	0	0	0
3/21/2024 11:24	59101 WALK_T2	1	4	3	0.8	0.48	-0.32	0	0	0	0	0	0	0
3/21/2024 11:25	54502 ENOL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
3/21/2024 11:25	61103 BERK_T5	17	30	13	0.34	0.3	-0.04	0	0	0	0	0	0	0
3/21/2024 11:25	15001 BLMO_T1	1	0	-1	0.1	0	-0.1	0	0	0	0	0	0	0
3/21/2024 11:25	54503 ENOL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
3/21/2024 11:25	27503 WEIS_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
3/21/2024 11:25	67002 STHI_T2	219	343	124	0.22	0.27	0.05	0	0	0	0	0	0	0
3/21/2024 11:27	52402 GRPA_T2	12	21	9	0.64	0.67	0.03	0	0	0	0	0	0	0
3/21/2024 11:27	54501 ENOL_T2	1	0	-1	0.1	0	-0.1	0	0	0	0	0	0	0
3/21/2024 11:28	67001 STHI_T2	349	552	203	0.21	0.25	0.04	0	0	0	0	0	0	0
3/21/2024 11:28	54502 ENOL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
3/21/2024 11:28	15001 BLMO_T1	1	0	-1	0.1	0	-0.1	0	0	0	0	0	0	0
3/21/2024 11:29	61802 EELI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
3/21/2024 11:30	52404 GRPA_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
3/21/2024 11:30	54502 ENOL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
3/21/2024 11:31	52401 GRPA_T2	1	0	-1	1	0	-1	0	0	0	0	0	0	0
3/21/2024 11:31	65502 MOJO_T2	0	3	3	0	0.17	0.17	0	0	0	0	0	0	0
3/21/2024 11:32	52401 GRPA_T2	1	0	-1	1	0	-1	0	0	0	0	0	0	0
3/21/2024 11:34	14401 SSLA_T1	1	3	2	0.6	0.4	-0.2	0	0	0	0	0	0	0
3/21/2024 11:34	57401 SPAN_T1	5	6	1	0.46	0.5	0.04	0	0	0	0	0	0	0
3/21/2024 11:35	66501 SMAN_T2	2	2	0	0.85	1.25	0.4	0	0	0	0	0	0	0
3/21/2024 11:35	47401 PENS_T1	5	13	8	0.8	0.51	-0.29	0	0	0	0	0	0	0
3/21/2024 11:35	64101 REFR_T1	5	9	4	0.4	0.48	0.08	0	0	0	0	0	0	0
3/21/2024 11:36	57401 SPAN_T1	5	6	1	0.46	0.5	0.04	0	0	0	0	0	0	0
3/21/2024 11:36	14401 SSLA_T1	1	3	2	0.6	0.4	-0.2	0	0	0	0	0	0	0
3/21/2024 11:36	59101 WALK_T2	4	1	-3	0.48	0.1	-0.38	0	0	0	0	0	0	0
3/21/2024 11:36	47403 PENS_T1	2	5	3	1.1	0.48	-0.62	0	0	0	0	0	0	0
3/21/2024 11:36	64101 REFR_T1	5	9	4	0.4	0.48	0.08	0	0	0	0	0	0	0
3/21/2024 11:36	65503 MOJO_T2	5	37	32	0.4	0.42	0.02	0	0	0	0	0	0	0
3/21/2024 11:37	47402 PENS_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
3/21/2024 11:37	66503 SMAN_T2	4	9	5	0.13	0.23	0.1	0	0	0	0	0	0	0
3/21/2024 11:37	59102 WALK_T2	5	4	-1	0.44	0.65	0.21	0	0	0	0	0	0	0
3/21/2024 11:38	57403 SPAN_T1	22	20	-2	0.32	0.35	0.03	0	0	0	0	0	0	0
3/21/2024 11:39	66501 SMAN_T2	2	2	0	0.85	1.25	0.4	0	0	0	0	0	0	0
3/21/2024 11:39	57401 SPAN_T1	5	6	1	0.46	0.5	0.04	0	0	0	0	0	0	0
3/21/2024 11:39	40201 BEGA_T2	0	2	2	0	0.15	0.15	0	0	0	0	0	0	0
3/21/2024 11:41	53902 HAU_T2	1	1	0	5.5	5.3	-0.2	0	0	0	0	0	0	0
3/21/2024 11:41	40201 BEGA_T2	0	2	2	0	0.15	0.15	0	0	0	0	0	0	0
3/21/2024 11:41	60102 COCA_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
3/21/2024 11:42	60102 COCA_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
3/21/2024 11:42	13503 MCMI_T2	102	95	-7	0.31	0.32	0.01	0	0	0	0	0	0	0
3/21/2024 11:43	17804 GILB_T2	0	1	1	0	0.2	0.2	0	0	0	0	0	0	0
3/21/2024 11:44	17804 GILB_T2	0	1	1	0	0.2	0.2	0	0	0	0	0	0	0
3/21/2024 11:44	17805 GILB_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
3/21/2024 11:45	17802 GILB_T1	1	2	1	0.2	0.9	0.7	0	0	0	0	0	0	0
3/21/2024 11:46	17804 GILB_T2	1	0	-1	0.2	0	-0.2	0	0	0	0	0	0	0
3/21/2024 11:47	65003 NEFF_T2	3	3	0	0.67	0.77	0.1	0	0	0	0	0	0	0
3/21/2024 11:47	60102 COCA_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
3/21/2024 11:47	17801 GILB_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
3/21/2024 11:47	13503 MCMI_T2	62	104	42	0.26	0.34	0.08	0	0	0	0	0	0	0
3/21/2024 11:48	17803 GILB_T2	1	1	0	0.3	0.3	0	0	0	0	0	0	0	0
3/21/2024 11:49	64101 REFR_T1	9	9	0	0.48	0.4	-0.08	0	0	0	0	0	0	0
3/21/2024 11:49	14801 TREI_T2	6	6	0	0.62	0.87	0.25	0	0	0	0	0	0	0
3/21/2024 11:51	64101 REFR_T1	9	9	0	0.48	0.4	-0.08	0	0	0	0	0	0	0
3/21/2024 11:51	27503 WEIS_T2	0	0	0	0	0	0	0	0	0	0	0	0	0
3/21/2024 11:52	59101 WALK_T2	1	1	0	0.1	0.3	0.2	0	0	0	0	0	0	0
3/21/2024 11:52	42802 SELI_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
3/21/2024 11:53	59101 WALK_T2	1	1	0	0.1	0.3	0.2	0	0	0	0	0	0	0
3/21/2024 11:53	45901 AUBU_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
3/21/2024 11:53	42803 SELI_T1	0	0	0	0	0	0	0	0	0	0	0	0	0
3/21/2024 11:53	56802 BENV_T2	12	35	23	0.37	0.29	-0.08	0	0	0	0	0	0	0
3/21/2024 11:53	27502 WEIS_T2	0	1	1	0	0	0	0	0	0	0	0	0	0
3/21/2024 11:54	17804 GILB_T2	1	0	-1	0.2	0	-0.2	0	0	0	0	0	0	0
3/21/2024 11:54	59101 WALK_T2	1	1	0	0.1	0.3	0.2	0	0	0	0	0	0	0
3/21/2024 11:54	60701 BREC_T1	5	8	3	0.56	0.5	-0.06	0	0	0	0	0	0	0
3/21/2024 11:54	56802 BENV_T2	12	35	23	0.37	0.29	-0.08	0	0	0	0	0	0	0
3/21/2024 11:55	56802 BENV_T2	12	35	23	0.37	0.29	-0.08	0	0	0	0	0	0	0
3/21/

3/21/2024 12:23	59402 RFLD_T2	2	2	0	0.1	0.2	0.1	0	0	0	0	0	0	0	0
3/21/2024 12:24	44302 BEAV_T2	15	15	0	0.58	0.76	0.18	0	0	0	0	0	0	0	0
3/21/2024 12:24	15001 BLMO_T1	2	2	0	0.3	0.6	0.3	0	0	0	0	0	0	0	0
3/21/2024 12:26	15001 BLMO_T1	2	2	0	0.3	0.6	0.3	0	0	0	0	0	0	0	0
3/21/2024 12:27	44302 BEAV_T2	15	15	0	0.58	0.76	0.18	0	0	0	0	0	0	0	0
3/21/2024 12:27	15001 BLMO_T1	2	2	0	0.3	0.6	0.3	0	0	0	0	0	0	0	0
3/21/2024 12:28	15001 BLMO_T1	2	2	0	0.3	0.6	0.3	0	0	0	0	0	0	0	0
3/21/2024 12:29	65001 NEFF_T2	15	57	42	0.15	0.15	0	0	0	0	0	0	0	0	0
3/21/2024 12:31	44301 BEAV_T2	12	4	-8	0.37	0.45	0.08	0	0	0	0	0	0	0	0
3/21/2024 12:38	60101 COCA_T1	7	7	0	0.6	0.79	0.19	0	0	0	0	0	0	0	0
3/21/2024 12:39	41602 CLEV_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/21/2024 12:39	15001 BLMO_T1	2	2	0	0.25	0.6	0.35	0	0	0	0	0	0	0	0
3/21/2024 12:40	62103 ELAN_T1	1	1	0	0.4	0.4	0	0	0	0	0	0	0	0	0
3/21/2024 12:42	41602 CLEV_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/21/2024 12:43	62104 ELAN_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/21/2024 12:44	41602 CLEV_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/21/2024 12:52	64101 REFR_T1	2	11	9	0.55	0.42	-0.13	0	0	0	0	0	0	0	0
3/21/2024 12:55	65004 NEFF_T2	4	5	1	0.5	0.52	0.02	0	0	0	0	0	0	0	0
3/21/2024 13:01	46505 LOHA_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/21/2024 13:05	65804 RTWN_T1	1	4	3	1	0.83	-0.17	0	0	0	0	0	0	0	0
3/21/2024 13:05	48302 ORWI_T2	2	2	0	1.1	1.1	0	0	0	0	0	0	0	0	0
3/21/2024 13:07	48302 ORWI_T2	2	2	0	1.1	1.1	0	0	0	0	0	0	0	0	0
3/21/2024 13:08	65801 RTWN_T1	1	1	0	0.2	0.7	0.5	0	0	0	0	0	0	0	0
3/21/2024 13:08	49803 UNIV_T1	4	11	7	0.1	0.14	0.04	0	0	0	0	0	0	0	0
3/21/2024 13:08	26001 WOAM_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/21/2024 13:21	65003 NEFF_T2	3	7	4	0.97	0.53	-0.44	0	0	0	0	0	0	0	0
3/21/2024 13:26	64101 REFR_T1	10	11	1	0.42	0.4	-0.02	0	0	0	0	0	0	0	0
3/21/2024 13:31	65503 MOJO_T2	19	61	42	0.56	0.43	-0.13	0	0	0	0	0	0	0	0
3/21/2024 13:32	65503 MOJO_T2	19	61	42	0.56	0.43	-0.13	0	0	0	0	0	0	0	0
3/21/2024 13:32	46505 LOHA_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/21/2024 13:36	47403 PENS_T1	3	7	4	0.67	0.66	-0.01	0	0	0	0	0	0	0	0
3/21/2024 13:36	64101 REFR_T1	6	9	3	0.52	0.5	-0.02	0	0	0	0	0	0	0	0
3/21/2024 13:37	47402 PENS_T1	1	1	0	0.7	1.1	0.4	0	0	0	0	0	0	0	0
3/21/2024 13:42	54503 ENOL_T2	0	1	1	0	0.2	0.2	0	0	0	0	0	0	0	0
3/21/2024 13:43	54505 ENOL_T2	3	3	0	0.57	0.83	0.26	0	0	0	0	0	0	0	0
3/21/2024 13:48	47401 PENS_T1	9	7	-2	0.73	0.89	0.16	0	0	0	0	0	0	0	0
3/21/2024 13:50	14403 SSLA_T1	4	15	11	0.65	0.53	-0.12	0	0	0	0	0	0	0	0
3/21/2024 13:51	47401 PENS_T1	9	7	-2	0.73	0.89	0.16	0	0	0	0	0	0	0	0
3/21/2024 13:52	45901 AUBU_T1	0	2	2	0	0.3	0.3	0	0	0	0	0	0	0	0
3/21/2024 13:53	65001 NEFF_T2	55	222	167	0.15	0.2	0.05	0	0	0	0	0	0	0	0
3/21/2024 13:53	14402 SSLA_T1	10	176	166	0.5	0.25	-0.25	0	0	0	0	0	0	0	0
3/21/2024 13:53	45901 AUBU_T1	0	2	2	0	0.3	0.3	0	0	0	0	0	0	0	0
3/21/2024 13:55	45901 AUBU_T1	0	2	2	0	0.3	0.3	0	0	0	0	0	0	0	0
3/21/2024 13:56	41601 CLEV_T1	1	1	0	0.9	0.9	0	0	0	0	0	0	0	0	0
3/21/2024 13:57	41601 CLEV_T1	1	1	0	0.9	0.9	0	0	0	0	0	0	0	0	0
3/21/2024 13:57	50103 HARR_T3	1	2	1	0.3	0.3	0	0	0	0	0	0	0	0	0
3/21/2024 13:57	45902 AUBU_T1	5	9	4	0.48	0.63	0.15	0	0	0	0	0	0	0	0
3/21/2024 13:58	41601 CLEV_T1	1	1	0	0.9	0.9	0	0	0	0	0	0	0	0	0
3/21/2024 13:59	45902 AUBU_T1	5	9	4	0.48	0.63	0.15	0	0	0	0	0	0	0	0
3/21/2024 13:59	14201 EALL_T1	0	1	1	0	0.2	0.2	0	0	0	0	0	0	0	0
3/21/2024 14:02	50106 HARR_T3	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/21/2024 14:03	65004 NEFF_T2	6	8	2	0.48	0.44	-0.04	0	0	0	0	0	0	0	0
3/21/2024 14:04	66505 SMAN_T2	3	2	-1	0.2	0.3	0.1	0	0	0	0	0	0	0	0
3/21/2024 14:05	14402 SSLA_T1	27	214	187	0.3	0.27	-0.03	0	0	0	0	0	0	0	0
3/21/2024 14:06	66502 SMAN_T2	14	17	3	0.38	0.35	-0.03	0	0	0	0	0	0	0	0
3/21/2024 14:06	14401 SSLA_T1	12	24	12	0.64	0.46	-0.18	0	0	0	0	0	0	0	0
3/21/2024 14:07	45901 AUBU_T1	1	2	1	0.2	0.3	0.1	0	0	0	0	0	0	0	0
3/21/2024 14:08	45901 AUBU_T1	1	2	1	0.2	0.3	0.1	0	0	0	0	0	0	0	0
3/21/2024 14:09	14401 SSLA_T1	12	24	12	0.64	0.46	-0.18	0	0	0	0	0	0	0	0
3/21/2024 14:09	10801 CHHI_T1	8	6	-2	0.94	1.02	0.08	0	0	0	0	0	0	0	0
3/21/2024 14:10	45901 AUBU_T1	1	2	1	0.2	0.3	0.1	0	0	0	0	0	0	0	0
3/21/2024 14:10	45901 AUBU_T1	1	2	1	0.2	0.3	0.1	0	0	0	0	0	0	0	0
3/21/2024 14:11	16301 ALPA_T1	38	111	73	0.26	0.25	-0.01	0	0	0	0	0	0	0	0
3/21/2024 14:11	10805 CHHI_T2	1	7	6	8.1	1.5	-6.6	0	0	0	0	0	0	0	0
3/21/2024 14:11	66503 SMAN_T2	2	3	1	0.3	0.23	-0.07	0	0	0	0	0	0	0	0
3/21/2024 14:11	20402 ASHF_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/21/2024 14:13	20403 ASHF_T2	5	9	4	0.32	0.54	0.22	0	0	0	0	0	0	0	0
3/21/2024 14:13	10801 CHHI_T1	8	6	-2	0.94	1.02	0.08	0	0	0	0	0	0	0	0
3/21/2024 14:14	45704 LIND_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/21/2024 14:15	20403 ASHF_T2	3	10	7	0.27	0.66	0.39	0	0	0	0	0	0	0	0
3/21/2024 14:15	45901 AUBU_T1	2	2	0	0.3	0.3	0	0	0	0	0	0	0	0	0
3/21/2024 14:16	43202 MVIL_T2	81	91	10	0.67	0.71	0.04	0	0	0	0	0	0	0	0
3/21/2024 14:17	40602 PGR_T1	4	3	-1	0.68	0.63	-0.05	0	0	0	0	0	0	0	0
3/21/2024 14:17	43202 MVIL_T2	81	91	10	0.67	0.71	0.04	0	0	0	0	0	0	0	0
3/21/2024 14:18	43201 MVIL_T2	1	1	0	0.6	0.4	-0.2	0	0	0	0	0	0	0	0
3/21/2024 14:18	10801 CHHI_T1	6	6	0	0.9	0.9	0	0	0	0	0	0	0	0	0
3/21/2024 14:19	59302 MCAL_T1	4	5	1	0.55	0.62	0.07	0	0	0	0	0	0	0	0
3/21/2024 14:20	46302 ROHR_T1	12	23	11	0.91	0.5	-0.41	0	0	0	0	0	0	0	0
3/21/2024 14:21	52006 LING_T2	4	4	0	0.93	0.95	0.02	0	0	0	0	0	0	0	0
3/21/2024 14:22	14401 SSLA_T1	18	23	5	0.5	0.48	-0.02	0	0	0	0	0	0	0	0
3/21/2024 14:22	66504 SMAN_T2	8	7	-1	0.36	0.43	0.07	0	0	0	0	0	0	0	0
3/21/2024 14:23	57102 SPHI_T2	1	1	0	0.1	0.1	0	0	0	0	0	0	0	0	0
3/21/2024 14:23	46301 ROHR_T1	129	216	87	0.33	0.37	0.04	0	0	0	0	0	0	0	0
3/21/2024 14:23	56802 BENV_T2	128	246	118	0.28	0.28	0	0	0	0	0	0	0	0	0
3/21/2024 14:23	27503 WEIS_T2	1	1	0	0.6	0.6	0	0	0	0	0	0	0	0	0
3/21/2024 14:23	45902 AUBU_T1	8	6	-2	0.63	0.68	0.05	0	0	0	0	0	0	0	0
3/21/2024 14:23	10801 CHHI_T1	6	6	0	0.9	0.9	0	0	0	0	0	0	0	0	0
3/21/2024 14:24	45901 AUBU_T1	2	2	0	0.3	0.3	0	0	0	0	0	0	0	0	0
3/21/2024 14:24	46004 BERW_T2	1	2	1	0.1	0.2	0.1	0	0	0	0	0	0	0	0
3/21/2024 14:24	56802 BENV_T2	128	246	118	0.28	0.28	0	0	0	0	0	0	0	0	0
3/21/2024 14:25	56802 BENV_T2	128	246	118	0.28	0.28	0	0	0	0	0	0	0	0	0
3/21/2024 14:25	45902 AUBU_T1	8	6	-2	0.63	0.68	0.05	0	0	0	0	0	0	0	0
3/21/2024 14:25	27503 WEIS_T2	1	1	0	0.6	0.6	0	0	0	0	0	0	0	0	0
3/21/2024 14:25	14402 SSLA_T1	176	220	44	0.25	0.28	0.03	0	0	0	0	0	0	0	0
3/21/2024 14:25	46005 BERW_T1	2	2	0	0.6	0.95	0.35	0	0	0	0	0	0	0	0
3/21/2024 14:25	10801 CHHI_T1	6	6	0	0.9	0.9	0	0	0	0	0	0	0	0	0
3/21/2024 14:26	56802 BENV_T2	128	246	118	0.28	0.28	0	0	0	0	0	0	0	0	0
3/21/2024 14:26	51603 DUKE_T1	3	3	0	0.5	0.57	0.07	0	0	0	0	0	0	0	0
3/21/2024 14:26	20402 ASHF_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/21/2024 14:26	45902 AUBU_T1	8	6	-2	0.63	0.68	0.05	0	0	0	0	0	0	0	0
3/21/2024 14:27	46005 BERW_T1	2	2	0	0.6	0.95	0.35	0	0	0	0	0	0	0	0
3/21/2024 14:27	56802 BENV_T2	128	246	118	0.28	0.28	0	0	0	0	0	0	0	0	0
3/21/2024 14:28	10801 CHHI_T1	6	6	0	0.9	0.9	0	0	0	0	0	0	0	0	0
3/21/2024 14:28	20401 ASHF_T2	1	2	1	0.1	0.4	0.3	0	0	0	0	0	0	0	0
3/21/2024 14:28	43001 ALWD_T1	13	17	4	0.32	0.48	0.16	0	0	0	0	0	0	0	0
3/21/2024 14:28	46005 BERW_T1	2	2	0	0.6	0.95	0.35	0	0	0	0	0	0	0	0
3/21/2024 14:28	51603 DUKE_T1	3	3	0	0.5	0.57	0.07	0	0	0	0	0	0	0	0
3/21/2024 14:28	56802 BENV_T2	128	246	118	0.28	0.28	0	0	0	0	0	0	0	0	0
3/21/2024 14:29	65004 NEFF_T2	8	7	-1	0.43	0.37	-0.06	0	0	0	0	0	0	0	0
3/21/2024 14:29	64305 LINC_T1	3	4	1	0.33	0.25	-0.08	0	0	0	0	0	0	0	0
3/21/2024 14:30	45902 AUBU_T1	5	6	1	0.54	0.68	0.14	0	0	0	0	0	0	0	0
3/21/2024 14:31	42903 MIDD_T2	2	2	0	1.15	1.6	0.45	0	0	0	0	0	0	0	0
3/21/2024 14:31	43001 ALWD_T1	15	17	2	0.5	0.43	-0.07	0	0	0	0	0	0	0	0
3/21/2024 14:32	43202 MVIL_T2	80	101	21	0.67	0.88	0.21	0	0	0	0	0	0	0	0
3/21/2024 14:33	43202 MVIL_T2	80	101	21	0.67	0.88	0.21	0	0	0	0	0	0	0	0
3/21/2024 14:33	41901 REED_T1	8	9	1	0.43	0.46	0.03	0	0	0	0	0	0	0	0
3/21/2024 14:34	13902 SEID_T1	1	0	-1	0.1	0	-0.1	0	0	0	0	0	0	0	0
3/21/2024 14:34	59402 RFLD_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/21/2024 14:34	65503 MOJO_T2	44	34	-10	0.48	0.42	-0.06	0	0	0	0	0	0	0	0
3/21/2024 14:34	43202 MVIL_T2	80	101	21	0.67	0.88	0.21	0	0	0	0	0	0	0	0
3/21/2024 14:34	46302 ROHR_T1	10	34	24	0.94	0.4	-0.54	0	0	0	0	0	0	0	0
3/21/2024 14:35	46302 ROHR_T1	10	34	24	0.94	0.4	-0.54	0	0	0	0	0	0	0	0
3/21/2024 14:35	65003 NEFF_T2	6	7	1	0.53	0.57	0.04	0	0	0	0	0	0	0	0
3/21/2024 14:35	14403 SSLA_T1	16	21	5	0.47	0.46	-0.01	0	0	0	0	0	0	0	0
3/21/2024 14:35	65503 MOJO_T2	44	34	-10	0.48	0.42	-0.06	0	0	0	0	0	0	0	0
3/21/2024 14:36	46302 ROHR_T1	10	34	24	0.94	0.4	-0.54	0	0	0	0	0	0	0	0
3/21/2024 14:36	46302 ROHR_T1	10	34	24	0.94	0.4	-0.54	0	0	0	0	0	0	0	0
3/21/2024 14:37	41902 REED_T1	2	3	1	0.55	0.57	0.02	0	0	0	0	0	0	0	0
3/21/2024 14:37	43108 SMIL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/21/2024 14:37	45901 AUBU_T1	1	2	1	0.4	0.3	-0.1	0	0	0	0	0	0	0	0
3/21/2024 14:37	57403 SPAN_T1	104	77	-27	0.28	0.34	0.06	0	0	0	0	0	0	0	0
3/21/2024 14:37	57401 SPAN_T1	15	13	-2	0.34	0.48	0.14	0	0	0	0	0	0	0	0
3/21/2024 14:37	40201 BEGA_T2	2	5	3	0.5	0.7	0.2	0	0	0	0	0	0	0	0
3/21/2024 14:38	57403 SPAN_T1	104	77	-27	0.28	0.34	0.06	0	0	0	0	0	0	0	0
3/21/2024 14:38	40603 PGR_T1	2	2	0	0.35	0.25	-0.1	0	0	0	0	0	0	0	0
3/21/2024 14:38	42504 ALTA_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/21/2024 14:38	56802 BENV_T2	169	286	117	0.28	0.37	0.09	0	0	0	0	0	0	0	0
3/21/2024 14:38	66501 SMAN_T2	2	2	0	0.75	0.8	0.05	0	0	0	0	0	0	0	0
3/21/2024 14:38	14401 SSLA_T1	22	26	4	0.46	0.43	-0.03	0	0	0	0	0	0	0	0
3/21/2024 14:38	45601 WOOL_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/21/2024 14:38	57403 SPAN_T1	104	77	-27	0.28	0.34	0.06	0	0	0	0	0	0	0	0
3/21/2024 14:38	43001 ALWD_T1	15	17	2	0.5	0.43	-0.07	0	0	0	0	0	0	0	0
3/21/2024 14:39	56802 BENV_T2	169	286	117	0.28	0.37	0.09	0	0	0	0	0	0	0	0
3/21/2024 14:39	10801 CHHI_T1	6	6	0	0.88	0.78	-0.1	0	0	0	0	0	0	0	0
3/21/2024 14:39	10805 CHHI_T2	7	10	3	1.5	8.2	6.7	0	0	0	0	0	0	0	0
3/21/2024 14:39	27503 WEIS_T2	1	1	0	0.6	0.5	-0.1	0	0	0	0	0	0	0	0
3/21/2024 14:39	45902 AUBU_T1	5	6	1	0.54	0.68	0.14	0	0	0	0	0	0	0	0
3/21/2024 14:40	57401 SPAN_T1	15	13	-2	0.34	0.48	0.14	0	0	0	0	0	0	0	0
3/21/2024 14:40	46002 BERW_T2	1	3	2	0.2	0.3	0.1	0	0	0	0	0	0	0	0
3/21/2024 14:40	46001 BERW_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/21/2024 14:40	15001 BLMO_T1	3	4	1	0.4	0.47	0.07	0	0	0	0	0	0	0	0
3/21/2024 14:40	56802 BENV_T2	169	286	117	0.28	0.37	0.09	0	0	0	0	0	0	0	0
3/21/2024 14:40	44302 BEAV_T2	37	53	16	0.44	0.41	-0.03	0	0	0	0	0	0	0	0
3/21/2024 14:40	45601 WOOL_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/21/2024 14:40	57403 SPAN_T1	104	77	-27	0.28	0.34	0.06	0	0	0	0	0	0	0	0
3/21/2024 14:41	46005 BERW_T1	2	2	0	0.95	0.65	-0.3	0	0	0	0	0	0	0	0
3/21/2024 14:41	27503 WEIS_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/21/2024 14:41	10801 CHHI_T1	6	6	0	0.88	0.78	-0.1	0	0	0	0	0	0	0	0
3/21/2024 14:41	45901 AUBU_T1	1	2	1	0.4	0.3	-0.1	0	0	0	0	0	0	0	0
3/21/2024 14:41	51601 DUKE_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/21/2024 14:41	43001 ALWD_T1	15	17	2	0.5	0.43	-0.07	0	0	0	0	0	0	0	0
3/21/2024 14:41	40201 BEGA_T2	2	5	3	0.5	0.7	0.2	0	0	0	0	0	0	0	0
3/21/2024 14:41	56802 BENV_T2	169	286	117	0.28	0.37	0.09	0	0	0	0	0	0	0	0
3/21/2024 14:42	56802 BENV_T2	169	286	117	0.28	0.37	0.09	0	0	0	0	0	0	0	0
3/21/2024 14:42	10805 CHHI_T2	7	10	3	1.5	8.2	6.7	0	0	0	0	0	0	0	0
3/21/2024 14:42	60201 ATGL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/21/2024 14:42	46005 BERW_T1	2	2	0	0.95	0.65	-0.3	0	0	0	0	0	0	0	0
3/21/2024 14:43	51601 DUKE_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/21/2024 14:43	45601 WOOL_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/21/2024 14:43	56802 BENV_T2	169	286	117	0.28	0.37	0.09	0	0	0	0	0	0	0	0
3/21/2024 14:44	17804 GILB_T2	2	2	0	0.3	0.25	-0.05	0	0	0	0	0	0	0	0
3/21/2024 14:44	46001 BERW_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/21/2024 14:44	10801 CHHI_T1	6	6	0	0.88	0.78	-0.1	0	0	0	0	0	0	0	0
3/21/2024 14:45	45702 LIND_T2	1	2	1	1	0.85	-0.15	0	0	0	0	0	0	0	0
3/21/2024 14:45	45602 WOOL_T1	6	9	3	0.65	0.61	-0.04	0	0	0	0	0	0	0	0
3/21/2024 14:45	56802 BENV_T2	231	320	89	0.28	0.37	0.09	0	0	0	0	0	0	0	0
3/21/2024 14:46	45901 AUBU_T1	2	1	-1	0.3	0.3	0	0	0	0	0	0	0	0	0
3/21/2024 14:46	17804 GILB_T2	1	2	1	0.3	0.2	-0.1	0	0	0	0	0	0	0	0
3/21/2024 14:46	17802 GILB_T1	3	3	0	0.3	0.4	0.1	0	0	0	0	0	0	0	0
3/21/2024 14:47	17804 GILB_T2

3/21/2024 15:04	41902 REED_T1	3	3	0	0.23	0.5	0.27	0	0	0	0	0	0	0	0
3/21/2024 15:04	13503 MCMI_T2	215	196	-19	0.6	0.44	-0.16	0	0	0	0	0	0	0	0
3/21/2024 15:05	40902 JESH_T1	7	34	27	0.44	0.28	-0.16	0	0	0	0	0	0	0	0
3/21/2024 15:05	41903 REED_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/21/2024 15:05	64101 REFR_T1	4	5	1	0.68	0.66	-0.02	0	0	0	0	0	0	0	0
3/21/2024 15:05	13503 MCMI_T2	215	196	-19	0.6	0.44	-0.16	0	0	0	0	0	0	0	0
3/21/2024 15:06	13503 MCMI_T2	215	196	-19	0.6	0.44	-0.16	0	0	0	0	0	0	0	0
3/21/2024 15:06	64101 REFR_T1	4	5	1	0.68	0.66	-0.02	0	0	0	0	0	0	0	0
3/21/2024 15:07	45901 AUBU_T1	1	1	0	0.3	0.1	-0.2	0	0	0	0	0	0	0	0
3/21/2024 15:11	10801 CHHI_T1	5	5	0	0.5	0.56	0.06	0	0	0	0	0	0	0	0
3/21/2024 15:12	45901 AUBU_T1	1	1	0	0.3	0.1	-0.2	0	0	0	0	0	0	0	0
3/21/2024 15:13	46002 BERW_T2	2	1	-1	0.25	0.2	-0.05	0	0	0	0	0	0	0	0
3/21/2024 15:16	10801 CHHI_T1	5	4	-1	0.5	0.65	0.15	0	0	0	0	0	0	0	0
3/21/2024 15:18	17802 GILB_T1	2	1	-1	0.2	0.6	0.4	0	0	0	0	0	0	0	0
3/21/2024 15:20	42002 MNVL_T2	1	1	0	6.3	6.7	0.4	0	0	0	0	0	0	0	0
3/21/2024 15:22	59102 WALK_T2	48	39	-9	0.31	0.34	0.03	0	0	0	0	0	0	0	0
3/21/2024 15:24	59101 WALK_T2	2	1	-1	0.25	0.2	-0.05	0	0	0	0	0	0	0	0
3/21/2024 15:25	59101 WALK_T2	2	1	-1	0.25	0.2	-0.05	0	0	0	0	0	0	0	0
3/21/2024 15:26	10801 CHHI_T1	5	4	-1	0.5	0.65	0.15	0	0	0	0	0	0	0	0
3/21/2024 15:28	40101 HUNT_T2	0	1	1	0	0.5	0.5	0	0	0	0	0	0	0	0
3/21/2024 15:31	10801 CHHI_T1	4	3	-1	0.58	0.5	-0.08	0	0	0	0	0	0	0	0
3/21/2024 15:33	42301 MOWR_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/21/2024 15:34	42903 MIDD_T2	2	2	0	1.1	1	-0.1	0	0	0	0	0	0	0	0
3/21/2024 15:35	41902 REED_T1	2	4	2	0.5	0.43	-0.07	0	0	0	0	0	0	0	0
3/21/2024 15:36	41902 REED_T1	2	4	2	0.5	0.43	-0.07	0	0	0	0	0	0	0	0
3/21/2024 15:37	42301 MOWR_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/21/2024 15:38	67906 WNHO_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/21/2024 15:38	59201 THOM_T1	61	76	15	0.38	0.43	0.05	0	0	0	0	0	0	0	0
3/21/2024 15:39	45902 AUBU_T1	1	1	0	1	1.2	0.2	0	0	0	0	0	0	0	0
3/21/2024 15:39	60201 ATGL_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/21/2024 15:39	14401 SSLA_T1	22	20	-2	0.45	0.49	0.04	0	0	0	0	0	0	0	0
3/21/2024 15:39	26002 WDAM_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/21/2024 15:39	10805 CHHI_T2	1	6	5	7.7	7.5	-0.2	0	0	0	0	0	0	0	0
3/21/2024 15:39	40201 BEGA_T2	4	2	-2	0.75	1.2	0.45	0	0	0	0	0	0	0	0
3/21/2024 15:41	40201 BEGA_T2	4	2	-2	0.75	1.2	0.45	0	0	0	0	0	0	0	0
3/21/2024 15:42	10801 CHHI_T1	4	3	-1	0.58	0.5	-0.08	0	0	0	0	0	0	0	0
3/21/2024 15:42	10805 CHHI_T2	1	6	5	7.7	7.5	-0.2	0	0	0	0	0	0	0	0
3/21/2024 15:43	52401 GRPA_T2	2	3	1	0.35	0.33	-0.02	0	0	0	0	0	0	0	0
3/21/2024 15:44	21901 HUMB_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/21/2024 15:44	45901 AUBU_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/21/2024 15:45	52404 GRPA_T2	0	1	1	0	0.1	0.1	0	0	0	0	0	0	0	0
3/21/2024 15:46	52402 GRPA_T2	20	22	2	0.59	0.52	-0.07	0	0	0	0	0	0	0	0
3/21/2024 15:47	46506 LOHA_T1	135	127	-8	0.2	0.19	-0.01	0	0	0	0	0	0	0	0
3/21/2024 15:47	10801 CHHI_T1	3	1	-2	0.47	0.3	-0.17	0	0	0	0	0	0	0	0
3/21/2024 15:48	46503 LOHA_T1	34	27	-7	0.17	0.15	-0.02	0	0	0	0	0	0	0	0
3/21/2024 15:54	45903 AUBU_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/21/2024 15:59	40101 HUNT_T2	1	0	-1	0.5	0	-0.5	0	0	0	0	0	0	0	0
3/21/2024 16:00	45902 AUBU_T1	1	1	0	1	0.9	-0.1	0	0	0	0	0	0	0	0
3/21/2024 16:02	63404 HONY_T1	1	1	0	0.1	0.2	0.1	0	0	0	0	0	0	0	0
3/21/2024 16:04	65001 NEFF_T2	221	204	-17	0.27	0.19	-0.08	0	0	0	0	0	0	0	0
3/21/2024 16:10	45902 AUBU_T1	1	1	0	1	0.9	-0.1	0	0	0	0	0	0	0	0
3/21/2024 16:13	10801 CHHI_T1	1	0	-1	0.3	0	-0.3	0	0	0	0	0	0	0	0
3/21/2024 16:15	45902 AUBU_T1	1	1	0	0.9	0.3	-0.6	0	0	0	0	0	0	0	0
3/21/2024 16:16	52002 LING_T2	1	1	0	0.8	0.7	-0.1	0	0	0	0	0	0	0	0
3/21/2024 16:17	51402 LYKE_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/21/2024 16:19	59402 RFLD_T2	2	3	1	0.2	0.2	0	0	0	0	0	0	0	0	0
3/21/2024 16:19	10801 CHHI_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/21/2024 16:21	59402 RFLD_T2	2	3	1	0.2	0.2	0	0	0	0	0	0	0	0	0
3/21/2024 16:22	51401 LYKE_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/21/2024 16:26	45902 AUBU_T1	1	1	0	0.9	0.3	-0.6	0	0	0	0	0	0	0	0
3/21/2024 16:27	20402 ASHF_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/21/2024 16:27	51602 DUKE_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/21/2024 16:28	51402 LYKE_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/21/2024 16:29	20403 ASHF_T2	1	3	2	0.5	0.4	-0.1	0	0	0	0	0	0	0	0
3/21/2024 16:31	45901 AUBU_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/21/2024 16:31	40101 HUNT_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/21/2024 16:40	60701 BREC_T1	7	10	3	0.5	0.36	-0.14	0	0	0	0	0	0	0	0
3/21/2024 16:41	60701 BREC_T1	7	10	3	0.5	0.36	-0.14	0	0	0	0	0	0	0	0
3/21/2024 16:41	65005 NEFF_T2	1	1	0	0.4	0.2	-0.2	0	0	0	0	0	0	0	0
3/21/2024 17:02	65004 NEFF_T2	1	0	-1	0.1	0	-0.1	0	0	0	0	0	0	0	0
3/21/2024 17:31	52404 GRPA_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/21/2024 18:19	59301 MCAL_T1	4	3	-1	0.9	0.97	0.07	0	0	0	0	0	0	0	0
3/21/2024 18:29	41801 GOCI_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/21/2024 18:34	58401 MORO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/21/2024 18:35	58402 MORO_T1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/21/2024 19:39	65004 NEFF_T2	0	0	0	0	0	0	0	0	0	0	0	0	0	0

Appendix D - Generation Loss or Gain Event Table

Unique Location Identifier	AM Event Start Time	AM Event End Time	Event Duration (Mins)	Generation Loss(+)/Gain(-) (kWHr)
315752	3/22/2023 10:00	3/23/2023 10:00	1439	0.47
315708	3/22/2023 10:00	3/23/2023 10:00	1439	0.46
1356945	3/22/2023 10:00	3/23/2023 10:00	1439	0
264186	3/22/2023 10:00	3/23/2023 10:00	1439	0
705447	3/22/2023 10:00	3/23/2023 10:00	1439	0
46184	3/22/2023 10:00	3/23/2023 10:00	1439	0
315484	3/22/2023 10:00	3/23/2023 10:00	1439	0
1356945	3/23/2023 10:00	3/24/2023 10:00	1439	0
705447	3/23/2023 10:00	3/24/2023 10:00	1439	0
264186	3/23/2023 10:00	3/24/2023 10:00	1439	0
1557676	3/23/2023 14:34	3/24/2023 0:28	594	0
224176	3/23/2023 15:10	3/24/2023 10:00	1129	0
1538577	3/23/2023 15:19	3/24/2023 0:19	540	0
564518	3/23/2023 15:35	3/24/2023 0:36	541	0
903630	3/23/2023 15:35	3/24/2023 0:41	546	0
325050	3/23/2023 15:40	3/24/2023 0:40	540	0
1557303	3/23/2023 15:51	3/24/2023 1:00	549	0
8737379	3/23/2023 15:58	3/24/2023 0:28	510	0
572990	3/23/2023 15:58	3/24/2023 0:28	510	0
226615	3/23/2023 16:52	3/24/2023 10:00	1027	0
646026	3/23/2023 17:22	3/23/2023 23:25	363	0
1557188	3/23/2023 20:25	3/23/2023 22:57	152	0
1431752	3/23/2023 20:26	3/24/2023 0:16	230	0
1393633	3/23/2023 20:44	3/24/2023 4:12	448	0
1557188	3/23/2023 22:57	3/24/2023 0:28	91	0
646026	3/23/2023 23:25	3/24/2023 0:28	63	0
1431752	3/24/2023 0:16	3/24/2023 0:28	12	0
1538577	3/24/2023 0:19	3/24/2023 0:28	9	0
1557676	3/24/2023 0:28	3/24/2023 10:00	571	0
1538577	3/24/2023 0:28	3/24/2023 4:19	231	0
1431752	3/24/2023 0:28	3/24/2023 3:56	208	0
572990	3/24/2023 0:28	3/24/2023 10:00	571	0
1557188	3/24/2023 0:28	3/24/2023 3:57	209	0
8737379	3/24/2023 0:28	3/24/2023 10:00	571	0
646026	3/24/2023 0:28	3/24/2023 1:05	37	0
564518	3/24/2023 0:36	3/24/2023 0:44	8	0
325050	3/24/2023 0:40	3/24/2023 0:47	7	0
903630	3/24/2023 0:41	3/24/2023 0:45	4	0
564518	3/24/2023 0:44	3/24/2023 1:16	32	0
903630	3/24/2023 0:45	3/24/2023 4:21	216	0
325050	3/24/2023 0:47	3/24/2023 3:20	153	0
1557303	3/24/2023 1:00	3/24/2023 1:07	7	0
646026	3/24/2023 1:05	3/24/2023 10:00	534	0
1557303	3/24/2023 1:07	3/24/2023 2:00	53	0

564518	3/24/2023 1:16	3/24/2023 10:00	523	0
1557303	3/24/2023 2:00	3/24/2023 10:00	479	0
325050	3/24/2023 3:20	3/24/2023 10:00	399	0
1431752	3/24/2023 3:56	3/24/2023 10:00	363	0
1557188	3/24/2023 3:57	3/24/2023 10:00	362	0
1393633	3/24/2023 4:12	3/24/2023 10:00	347	0
1538577	3/24/2023 4:19	3/24/2023 10:00	340	0
903630	3/24/2023 4:21	3/24/2023 10:00	338	0
1638308	3/24/2023 9:38	3/24/2023 10:00	21	0
325050	3/24/2023 10:00	3/25/2023 10:00	1439	0
1431752	3/24/2023 10:00	3/24/2023 14:12	252	0
646026	3/24/2023 10:00	3/25/2023 10:00	1439	0
705447	3/24/2023 10:00	3/25/2023 10:00	1439	0
1356945	3/24/2023 10:00	3/24/2023 14:55	295	0
1557188	3/24/2023 10:00	3/24/2023 11:31	91	0
1538577	3/24/2023 10:00	3/24/2023 12:04	124	0
264186	3/24/2023 10:00	3/25/2023 10:00	1439	0
226615	3/24/2023 10:00	3/25/2023 10:00	1439	0
224176	3/24/2023 10:00	3/25/2023 10:00	1439	0
1393633	3/24/2023 10:00	3/24/2023 11:52	112	0
572990	3/24/2023 10:00	3/25/2023 10:00	1439	0
564518	3/24/2023 10:00	3/24/2023 16:24	384	0
1557676	3/24/2023 10:00	3/25/2023 10:00	1439	0
564357	3/24/2023 10:00	3/25/2023 10:00	1439	0
46184	3/24/2023 10:00	3/25/2023 10:00	1439	0
1557303	3/24/2023 10:14	3/24/2023 16:24	370	0
1511251	3/24/2023 10:26	3/25/2023 0:28	842	0
8737379	3/24/2023 10:28	3/25/2023 10:00	1411	0
1557188	3/24/2023 11:31	3/25/2023 0:28	777	0
1393633	3/24/2023 11:52	3/24/2023 23:16	684	0
6761269	3/24/2023 11:55	3/25/2023 0:28	753	0
1538577	3/24/2023 12:04	3/25/2023 3:24	920	0
345647	3/24/2023 12:37	3/25/2023 0:28	711	0
457729	3/24/2023 12:55	3/25/2023 0:28	693	0
1464178	3/24/2023 14:11	3/25/2023 10:00	1188	0
1431752	3/24/2023 14:12	3/25/2023 0:28	616	0
1356945	3/24/2023 14:55	3/25/2023 0:28	573	0
169731	3/24/2023 15:03	3/25/2023 10:00	1136	0
903630	3/24/2023 15:12	3/25/2023 0:28	556	0
8068454	3/24/2023 15:24	3/25/2023 0:28	544	0
561672	3/24/2023 16:20	3/25/2023 0:28	488	0
7932279	3/24/2023 16:21	3/25/2023 10:00	1058	0
1573666	3/24/2023 16:22	3/25/2023 0:28	486	0
1343695	3/24/2023 16:23	3/25/2023 10:00	1056	0
1557303	3/24/2023 16:24	3/25/2023 0:34	490	0
564518	3/24/2023 16:24	3/25/2023 0:34	490	0
1435127	3/24/2023 16:46	3/25/2023 0:28	462	0

1464949	3/24/2023 17:58	3/25/2023 1:27	449	0
1430566	3/24/2023 19:24	3/25/2023 10:00	875	0
1393633	3/24/2023 23:16	3/25/2023 10:00	643	0
8068454	3/25/2023 0:28	3/25/2023 10:00	571	0
561672	3/25/2023 0:28	3/25/2023 10:00	571	0
1557188	3/25/2023 0:28	3/25/2023 10:00	571	0
1356945	3/25/2023 0:28	3/25/2023 10:00	571	0
1431752	3/25/2023 0:28	3/25/2023 10:00	571	0
345647	3/25/2023 0:28	3/25/2023 10:00	571	0
6761269	3/25/2023 0:28	3/25/2023 10:00	571	0
1511251	3/25/2023 0:28	3/25/2023 10:00	571	0
1435127	3/25/2023 0:28	3/25/2023 10:00	571	0
1573666	3/25/2023 0:28	3/25/2023 10:00	571	0
457729	3/25/2023 0:28	3/25/2023 10:00	571	0
903630	3/25/2023 0:28	3/25/2023 10:00	571	0
564518	3/25/2023 0:34	3/25/2023 10:00	565	0
1557303	3/25/2023 0:34	3/25/2023 10:00	565	0
1464949	3/25/2023 1:27	3/25/2023 10:00	512	0
1538577	3/25/2023 3:24	3/25/2023 10:00	395	0
1431752	3/25/2023 10:00	3/25/2023 14:26	266	0
572990	3/25/2023 10:00	3/26/2023 10:00	1439	0
264186	3/25/2023 10:00	3/26/2023 10:00	1439	0
1538577	3/25/2023 10:00	3/25/2023 12:21	141	0
1435127	3/25/2023 10:00	3/25/2023 12:38	158	0
8068454	3/25/2023 10:00	3/26/2023 10:00	1439	0
564357	3/25/2023 10:00	3/26/2023 10:00	1439	0
1464949	3/25/2023 10:00	3/25/2023 16:24	384	0
1393633	3/25/2023 10:00	3/26/2023 10:00	1439	0
1557188	3/25/2023 10:00	3/26/2023 0:28	868	0
1511251	3/25/2023 10:00	3/25/2023 13:28	208	0
564518	3/25/2023 10:00	3/25/2023 14:28	268	0
1557303	3/25/2023 10:00	3/26/2023 10:00	1439	0
169731	3/25/2023 10:00	3/26/2023 10:00	1439	0
903630	3/25/2023 10:00	3/26/2023 10:00	1439	0
1343695	3/25/2023 10:00	3/26/2023 10:00	1439	0
561672	3/25/2023 10:00	3/26/2023 10:00	1439	0
7932279	3/25/2023 10:00	3/26/2023 10:00	1439	0
1430566	3/25/2023 10:00	3/26/2023 10:00	1439	0
1557676	3/25/2023 10:00	3/26/2023 10:00	1439	0
6761269	3/25/2023 10:00	3/25/2023 11:31	91	0
345647	3/25/2023 10:00	3/26/2023 10:00	1439	0
1573666	3/25/2023 10:00	3/26/2023 10:00	1439	0
705447	3/25/2023 10:00	3/26/2023 10:00	1439	0
1356945	3/25/2023 10:00	3/26/2023 10:00	1439	0
325050	3/25/2023 10:00	3/25/2023 14:23	263	0
1418632	3/25/2023 11:30	3/25/2023 12:50	80	0
6761269	3/25/2023 11:31	3/25/2023 11:41	10	0

6761269	3/25/2023 11:41	3/25/2023 14:31	170	0
1538577	3/25/2023 12:21	3/25/2023 12:38	17	0
1435127	3/25/2023 12:38	3/25/2023 12:47	9	0
1538577	3/25/2023 12:38	3/25/2023 14:21	103	0
1363415	3/25/2023 12:47	3/25/2023 21:57	550	0
1435127	3/25/2023 12:47	3/25/2023 14:18	91	0
1418632	3/25/2023 12:50	3/25/2023 12:54	4	0
1418632	3/25/2023 12:54	3/25/2023 19:10	376	0
457729	3/25/2023 12:58	3/25/2023 12:59	1	0
457729	3/25/2023 12:59	3/25/2023 16:04	185	0
1511251	3/25/2023 13:28	3/25/2023 13:41	13	0
1511251	3/25/2023 13:41	3/25/2023 14:28	47	0
1299402	3/25/2023 14:15	3/25/2023 23:34	559	0
1435127	3/25/2023 14:18	3/25/2023 21:50	452	0
680322	3/25/2023 14:19	3/26/2023 0:28	609	0
1538577	3/25/2023 14:21	3/25/2023 21:41	440	0
325050	3/25/2023 14:23	3/25/2023 22:03	460	0
1638308	3/25/2023 14:24	3/25/2023 21:51	447	0
2032900	3/25/2023 14:25	3/25/2023 22:03	458	0
1431752	3/25/2023 14:26	3/25/2023 21:36	430	0
8668965	3/25/2023 14:27	3/25/2023 22:12	465	0
564518	3/25/2023 14:28	3/25/2023 22:03	455	0
1469314	3/25/2023 14:28	3/26/2023 0:28	600	0
1511251	3/25/2023 14:28	3/25/2023 22:07	459	0
6564583	3/25/2023 14:29	3/26/2023 0:28	599	0
6761269	3/25/2023 14:31	3/25/2023 20:35	364	0
457729	3/25/2023 16:04	3/26/2023 0:42	518	0
1464949	3/25/2023 16:24	3/25/2023 22:03	339	0
1404368	3/25/2023 16:31	3/26/2023 10:00	1048	0
8737379	3/25/2023 16:32	3/25/2023 22:40	368	0
455629	3/25/2023 17:18	3/26/2023 10:00	1001	0
1437071	3/25/2023 17:47	3/26/2023 0:28	401	0
1419239	3/25/2023 17:51	3/26/2023 10:00	968	0
1418632	3/25/2023 19:10	3/26/2023 10:00	889	0
6761269	3/25/2023 20:35	3/26/2023 10:00	804	0
1431752	3/25/2023 21:36	3/26/2023 10:00	743	0
315708	3/25/2023 21:39	3/26/2023 10:00	740	0
1538577	3/25/2023 21:41	3/26/2023 10:00	738	0
663083	3/25/2023 21:44	3/26/2023 10:00	735	0
1435127	3/25/2023 21:50	3/26/2023 10:00	729	0
1638308	3/25/2023 21:51	3/26/2023 10:00	728	0
1363415	3/25/2023 21:57	3/26/2023 10:00	722	0
564518	3/25/2023 22:03	3/26/2023 10:00	716	0
325050	3/25/2023 22:03	3/26/2023 10:00	716	0
1464949	3/25/2023 22:03	3/26/2023 10:00	716	0
2032900	3/25/2023 22:03	3/26/2023 10:00	716	0
1511251	3/25/2023 22:07	3/26/2023 10:00	712	0

8668965	3/25/2023 22:12	3/26/2023 10:00	707	0
8737379	3/25/2023 22:40	3/26/2023 10:00	679	0
1299402	3/25/2023 23:34	3/26/2023 10:00	625	0
680322	3/26/2023 0:28	3/26/2023 10:00	571	0
1557188	3/26/2023 0:28	3/26/2023 10:00	571	0
6564583	3/26/2023 0:28	3/26/2023 10:00	571	0
1469314	3/26/2023 0:28	3/26/2023 10:00	571	0
1437071	3/26/2023 0:28	3/26/2023 10:00	571	0
457729	3/26/2023 0:42	3/26/2023 10:00	557	0
507365	3/26/2023 10:00	3/26/2023 14:22	262	0
1511251	3/26/2023 10:00	3/26/2023 13:32	212	0
1538577	3/26/2023 10:00	3/27/2023 10:00	1439	0
705447	3/26/2023 10:00	3/27/2023 10:00	1439	0
564357	3/26/2023 10:00	3/27/2023 10:00	1439	0
1638308	3/26/2023 10:00	3/27/2023 10:00	1439	0
1418632	3/26/2023 10:00	3/27/2023 10:00	1439	0
1431752	3/26/2023 10:00	3/27/2023 10:00	1439	0
1419239	3/26/2023 10:00	3/27/2023 10:00	1439	0
1469314	3/26/2023 10:00	3/26/2023 13:25	205	0
325050	3/26/2023 10:00	3/27/2023 10:00	1439	0
972377	3/26/2023 10:00	3/26/2023 14:17	257	0
1363415	3/26/2023 10:00	3/26/2023 13:22	202	0.01
2032900	3/26/2023 10:00	3/27/2023 10:00	1439	0
6761269	3/26/2023 10:00	3/27/2023 10:00	1439	0
564518	3/26/2023 10:00	3/26/2023 13:27	207	0
8668965	3/26/2023 10:00	3/26/2023 13:39	219	0
663083	3/26/2023 10:00	3/27/2023 10:00	1439	0.13
1437071	3/26/2023 10:00	3/27/2023 0:46	886	0
8068454	3/26/2023 10:00	3/27/2023 10:00	1439	0
457729	3/26/2023 10:00	3/26/2023 13:23	203	0
264186	3/26/2023 10:00	3/27/2023 10:00	1439	0
6564583	3/26/2023 10:00	3/26/2023 12:56	176	0
8737379	3/26/2023 10:00	3/27/2023 10:00	1439	0
1464949	3/26/2023 10:00	3/26/2023 17:40	460	0
455629	3/26/2023 10:00	3/26/2023 12:57	177	0
1435127	3/26/2023 10:00	3/27/2023 10:00	1439	0
315708	3/26/2023 10:00	3/27/2023 10:00	1439	1.52
1299402	3/26/2023 10:00	3/27/2023 10:00	1439	0
1557188	3/26/2023 10:00	3/26/2023 12:43	163	0
1557676	3/26/2023 10:00	3/27/2023 10:00	1439	0.13
680322	3/26/2023 10:00	3/27/2023 10:00	1439	0
572990	3/26/2023 10:00	3/26/2023 13:19	199	0
1404368	3/26/2023 10:00	3/27/2023 10:00	1439	0.28
1362855	3/26/2023 11:39	3/26/2023 23:26	707	0.09
1393633	3/26/2023 11:41	3/26/2023 23:26	705	0
1503562	3/26/2023 11:45	3/27/2023 2:09	864	1.22
1407232	3/26/2023 12:22	3/27/2023 2:09	827	0.28

572882	3/26/2023 12:23	3/26/2023 21:06	523	0
1557188	3/26/2023 12:43	3/26/2023 12:50	7	0
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6564583	3/26/2023 12:56	3/26/2023 13:04	8	0
455629	3/26/2023 12:57	3/26/2023 13:13	16	0
568157	3/26/2023 12:59	3/27/2023 0:28	689	0
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7415418	3/26/2023 13:01	3/27/2023 1:14	733	0
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1356945	3/26/2023 13:14	3/27/2023 10:00	1245	0
1573666	3/26/2023 13:14	3/27/2023 1:33	739	0
6564583	3/26/2023 13:16	3/27/2023 0:55	699	0
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1435531	3/26/2023 13:20	3/27/2023 1:59	759	0
1363415	3/26/2023 13:22	3/27/2023 1:25	723	0.08
457729	3/26/2023 13:23	3/27/2023 2:02	759	0
1469314	3/26/2023 13:25	3/27/2023 2:04	759	0
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1075503	3/26/2023 13:29	3/27/2023 1:44	735	0
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8668965	3/26/2023 13:39	3/27/2023 1:49	730	0.03
1404235	3/26/2023 13:55	3/27/2023 1:52	717	0
573677	3/26/2023 13:56	3/27/2023 2:14	738	0
972377	3/26/2023 14:17	3/26/2023 14:36	19	0
507365	3/26/2023 14:22	3/26/2023 14:33	11	0
507365	3/26/2023 14:33	3/26/2023 16:42	129	0
972377	3/26/2023 14:36	3/26/2023 15:37	61	0
455629	3/26/2023 14:57	3/27/2023 0:58	601	0
972377	3/26/2023 15:37	3/26/2023 20:36	299	0
953736	3/26/2023 16:07	3/27/2023 10:00	1072	0
345427	3/26/2023 16:15	3/27/2023 10:00	1064	0
507365	3/26/2023 16:42	3/26/2023 20:25	223	0
1464949	3/26/2023 17:40	3/27/2023 1:16	456	0
315752	3/26/2023 17:49	3/26/2023 23:50	361	0
507365	3/26/2023 20:25	3/27/2023 0:28	243	0
972377	3/26/2023 20:36	3/27/2023 10:00	803	0
572882	3/26/2023 21:06	3/27/2023 10:00	773	0
1362855	3/26/2023 23:26	3/27/2023 0:28	62	0
1393633	3/26/2023 23:26	3/27/2023 0:28	62	0
315752	3/26/2023 23:50	3/27/2023 0:28	38	0
564518	3/27/2023 0:28	3/27/2023 10:00	571	0
568157	3/27/2023 0:28	3/27/2023 10:00	571	0
315752	3/27/2023 0:28	3/27/2023 4:50	262	0
507365	3/27/2023 0:28	3/27/2023 2:25	117	0

1393633	3/27/2023 0:28	3/27/2023 1:26	58	0
1362855	3/27/2023 0:28	3/27/2023 4:26	238	0
1511251	3/27/2023 0:28	3/27/2023 10:00	571	0
1394543	3/27/2023 0:28	3/27/2023 10:00	571	0
1557188	3/27/2023 0:41	3/27/2023 0:52	11	0
1437071	3/27/2023 0:46	3/27/2023 10:00	553	0
1557188	3/27/2023 0:52	3/27/2023 4:21	209	0
6564583	3/27/2023 0:55	3/27/2023 1:07	12	0
455629	3/27/2023 0:58	3/27/2023 1:16	18	0
646026	3/27/2023 1:06	3/27/2023 1:09	3	0
6564583	3/27/2023 1:07	3/27/2023 4:35	208	0
646026	3/27/2023 1:09	3/27/2023 3:26	137	0
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1464949	3/27/2023 1:16	3/27/2023 10:00	523	0
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1393633	3/27/2023 1:26	3/27/2023 10:00	513	0
7415418	3/27/2023 1:30	3/27/2023 1:54	24	0
1573666	3/27/2023 1:33	3/27/2023 1:50	17	0
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1075503	3/27/2023 1:46	3/27/2023 2:44	58	0
8668965	3/27/2023 1:49	3/27/2023 10:00	490	0
1573666	3/27/2023 1:50	3/27/2023 4:33	163	0
1404235	3/27/2023 1:52	3/27/2023 2:11	19	0
7415418	3/27/2023 1:54	3/27/2023 10:00	485	0
1435531	3/27/2023 1:59	3/27/2023 2:09	10	0
457729	3/27/2023 2:02	3/27/2023 10:00	477	0
1469314	3/27/2023 2:04	3/27/2023 2:05	1	0
1469314	3/27/2023 2:05	3/27/2023 4:44	159	0
1503562	3/27/2023 2:09	3/27/2023 2:11	2	0
1435531	3/27/2023 2:09	3/27/2023 4:39	150	0
1407232	3/27/2023 2:09	3/27/2023 2:12	3	0
1404235	3/27/2023 2:11	3/27/2023 4:32	141	0
1503562	3/27/2023 2:11	3/27/2023 3:09	58	0
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572990	3/27/2023 2:18	3/27/2023 2:20	2	0
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572990	3/27/2023 2:20	3/27/2023 4:38	138	0
507365	3/27/2023 2:25	3/27/2023 10:00	454	0
1075503	3/27/2023 2:44	3/27/2023 10:00	435	0
1363415	3/27/2023 2:45	3/27/2023 10:00	434	0
1503562	3/27/2023 3:09	3/27/2023 10:00	410	0
455629	3/27/2023 3:18	3/27/2023 10:00	401	0
646026	3/27/2023 3:26	3/27/2023 10:00	393	0
1407232	3/27/2023 3:29	3/27/2023 10:00	390	0

1557188	3/27/2023 4:21	3/27/2023 10:00	338	0
1362855	3/27/2023 4:26	3/27/2023 10:00	333	0
1404235	3/27/2023 4:32	3/27/2023 10:00	327	0
1573666	3/27/2023 4:33	3/27/2023 10:00	326	0
573677	3/27/2023 4:34	3/27/2023 10:00	325	0
6564583	3/27/2023 4:35	3/27/2023 10:00	324	0
572990	3/27/2023 4:38	3/27/2023 10:00	321	0
1435531	3/27/2023 4:39	3/27/2023 10:00	320	0
1469314	3/27/2023 4:44	3/27/2023 10:00	315	0
315752	3/27/2023 4:50	3/27/2023 10:00	309	0
1349502	3/27/2023 9:26	3/27/2023 10:00	33	0
1437071	3/27/2023 10:00	3/28/2023 10:00	1439	0
46184	3/27/2023 10:00	3/28/2023 10:00	1439	0
1393633	3/27/2023 10:00	3/27/2023 11:25	85	0
1349502	3/27/2023 10:00	3/28/2023 10:00	1439	0.01
8668965	3/27/2023 10:00	3/28/2023 10:00	1439	0
568157	3/27/2023 10:00	3/28/2023 10:00	1439	0
972377	3/27/2023 10:00	3/28/2023 10:00	1439	0
7932279	3/27/2023 10:00	3/28/2023 10:00	1439	0
572990	3/27/2023 10:00	3/28/2023 10:00	1439	0
573677	3/27/2023 10:00	3/27/2023 12:10	130	0
1503562	3/27/2023 10:00	3/28/2023 10:00	1439	0
345427	3/27/2023 10:00	3/28/2023 10:00	1439	0
1469314	3/27/2023 10:00	3/27/2023 12:26	146	0
457729	3/27/2023 10:00	3/28/2023 10:00	1439	0
6564583	3/27/2023 10:00	3/28/2023 10:00	1439	0
953736	3/27/2023 10:00	3/28/2023 10:00	1439	0
663083	3/27/2023 10:00	3/28/2023 10:00	1439	0
705447	3/27/2023 10:00	3/28/2023 10:00	1439	0
7415418	3/27/2023 10:00	3/28/2023 10:00	1439	0
564518	3/27/2023 10:00	3/28/2023 10:00	1439	0
1407232	3/27/2023 10:00	3/28/2023 10:00	1439	0
1435531	3/27/2023 10:00	3/28/2023 10:00	1439	0
1557188	3/27/2023 10:00	3/27/2023 12:00	120	0
572882	3/27/2023 10:00	3/27/2023 12:17	137	0.26
1362855	3/27/2023 10:00	3/28/2023 10:00	1439	0.19
455629	3/27/2023 10:00	3/28/2023 10:00	1439	0
1394543	3/27/2023 10:00	3/28/2023 10:00	1439	0.21
1464949	3/27/2023 10:00	3/28/2023 10:00	1439	0
1538577	3/27/2023 10:00	3/28/2023 10:00	1439	0.15
564357	3/27/2023 10:00	3/28/2023 10:00	1439	0
264186	3/27/2023 10:00	3/28/2023 10:00	1439	0
1573666	3/27/2023 10:00	3/28/2023 1:43	943	0
1356945	3/27/2023 10:00	3/28/2023 1:02	902	0
646026	3/27/2023 10:00	3/28/2023 10:00	1439	0
1511251	3/27/2023 10:00	3/27/2023 12:22	142	0
507365	3/27/2023 10:00	3/27/2023 12:07	127	0

325050	3/27/2023 10:00	3/27/2023 12:58	178	0
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315752	3/27/2023 10:00	3/28/2023 10:00	1439	1.36
1393633	3/27/2023 11:25	3/27/2023 11:43	18	0
1393633	3/27/2023 11:43	3/27/2023 16:45	302	0
1557188	3/27/2023 12:00	3/28/2023 0:38	758	0
507365	3/27/2023 12:07	3/28/2023 2:49	882	0
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610737	3/27/2023 12:13	3/28/2023 10:00	1306	0
572882	3/27/2023 12:17	3/28/2023 0:21	724	0.09
561672	3/27/2023 12:19	3/28/2023 1:38	799	0
1638308	3/27/2023 12:20	3/28/2023 1:43	803	0
8068454	3/27/2023 12:20	3/28/2023 1:43	803	0
1511251	3/27/2023 12:22	3/28/2023 2:00	818	0
2032900	3/27/2023 12:23	3/28/2023 2:22	839	0
1557303	3/27/2023 12:25	3/27/2023 20:07	462	0.07
1469314	3/27/2023 12:26	3/28/2023 2:04	818	0
680322	3/27/2023 12:31	3/28/2023 4:01	930	0
323657	3/27/2023 12:48	3/28/2023 0:28	700	0.48
325050	3/27/2023 12:58	3/28/2023 0:28	690	0
1431752	3/27/2023 13:23	3/28/2023 0:28	665	0
1363415	3/27/2023 13:30	3/27/2023 18:10	280	0
1393633	3/27/2023 16:45	3/27/2023 22:53	368	0
275018	3/27/2023 17:54	3/27/2023 23:45	351	0
1363415	3/27/2023 18:10	3/28/2023 1:28	438	0
8387677	3/27/2023 20:04	3/28/2023 2:01	357	0
1557303	3/27/2023 20:07	3/28/2023 0:28	261	0
1393633	3/27/2023 22:53	3/28/2023 10:00	666	0
275018	3/27/2023 23:45	3/28/2023 0:28	43	0
572882	3/28/2023 0:21	3/28/2023 0:32	11	0
345394	3/28/2023 0:28	3/28/2023 1:58	90	0
1431752	3/28/2023 0:28	3/28/2023 10:00	571	0
1557303	3/28/2023 0:28	3/28/2023 1:47	79	0
323657	3/28/2023 0:28	3/28/2023 10:00	571	0
275018	3/28/2023 0:28	3/28/2023 4:05	217	0
325050	3/28/2023 0:28	3/28/2023 10:00	571	0
572882	3/28/2023 0:32	3/28/2023 3:41	189	0
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1356945	3/28/2023 1:02	3/28/2023 1:17	15	0
1356945	3/28/2023 1:17	3/28/2023 3:22	125	0
1363415	3/28/2023 1:28	3/28/2023 1:47	19	0
561672	3/28/2023 1:38	3/28/2023 1:56	18	0
8068454	3/28/2023 1:43	3/28/2023 1:51	8	0
1638308	3/28/2023 1:43	3/28/2023 1:48	5	0
1573666	3/28/2023 1:43	3/28/2023 2:00	17	0
1363415	3/28/2023 1:47	3/28/2023 1:48	1	0

1557303	3/28/2023 1:47	3/28/2023 10:00	492	0
1638308	3/28/2023 1:48	3/28/2023 3:23	95	0
1363415	3/28/2023 1:48	3/28/2023 10:00	491	0
8068454	3/28/2023 1:51	3/28/2023 3:23	92	0
561672	3/28/2023 1:56	3/28/2023 3:38	102	0
345394	3/28/2023 1:58	3/28/2023 2:04	6	0
1511251	3/28/2023 2:00	3/28/2023 2:15	15	0
1573666	3/28/2023 2:00	3/28/2023 3:43	103	0
8387677	3/28/2023 2:01	3/28/2023 2:05	4	0
1469314	3/28/2023 2:04	3/28/2023 2:17	13	0
345394	3/28/2023 2:04	3/28/2023 3:38	94	0
8387677	3/28/2023 2:05	3/28/2023 4:54	169	0
1511251	3/28/2023 2:15	3/28/2023 3:40	85	0
1469314	3/28/2023 2:17	3/28/2023 3:44	87	0
2032900	3/28/2023 2:22	3/28/2023 2:42	20	0
573677	3/28/2023 2:33	3/28/2023 2:34	1	0
573677	3/28/2023 2:34	3/28/2023 3:33	59	0
2032900	3/28/2023 2:42	3/28/2023 3:42	60	0
507365	3/28/2023 2:49	3/28/2023 2:55	6	0
507365	3/28/2023 2:55	3/28/2023 5:09	134	0
1557188	3/28/2023 3:18	3/28/2023 10:00	401	0
1356945	3/28/2023 3:22	3/28/2023 10:00	397	0
8068454	3/28/2023 3:23	3/28/2023 10:00	396	0
1638308	3/28/2023 3:23	3/28/2023 10:00	396	0
573677	3/28/2023 3:33	3/28/2023 10:00	386	0
561672	3/28/2023 3:38	3/28/2023 10:00	381	0
345394	3/28/2023 3:38	3/28/2023 10:00	381	0
1511251	3/28/2023 3:40	3/28/2023 10:00	379	0
572882	3/28/2023 3:41	3/28/2023 10:00	378	0
2032900	3/28/2023 3:42	3/28/2023 10:00	377	0
1573666	3/28/2023 3:43	3/28/2023 10:00	376	0
1469314	3/28/2023 3:44	3/28/2023 10:00	375	0
680322	3/28/2023 4:01	3/28/2023 10:00	358	0
275018	3/28/2023 4:05	3/28/2023 10:00	354	0
8387677	3/28/2023 4:54	3/28/2023 10:00	305	0
507365	3/28/2023 5:09	3/28/2023 10:00	290	0
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323657	3/28/2023 10:00	3/28/2023 12:30	150	0.03
610737	3/28/2023 10:00	3/29/2023 10:00	1439	0.11
564357	3/28/2023 10:00	3/29/2023 10:00	1439	0
1557188	3/28/2023 10:00	3/28/2023 21:25	685	0
46184	3/28/2023 10:00	3/29/2023 10:00	1439	0
1511251	3/28/2023 10:00	3/28/2023 11:08	68	0
507365	3/28/2023 10:00	3/28/2023 11:50	110	0
1356945	3/28/2023 10:00	3/29/2023 10:00	1439	0
572882	3/28/2023 10:00	3/28/2023 11:25	85	0.11
1557303	3/28/2023 10:00	3/28/2023 13:19	199	0

1538577	3/28/2023 10:00	3/28/2023 11:38	98	0.09
680322	3/28/2023 10:00	3/29/2023 10:00	1439	0
275018	3/28/2023 10:00	3/28/2023 11:47	107	0
1393633	3/28/2023 10:00	3/28/2023 11:29	89	0
1431752	3/28/2023 10:00	3/28/2023 12:49	169	0
705447	3/28/2023 10:00	3/29/2023 10:00	1439	0
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1363415	3/28/2023 10:06	3/29/2023 10:00	1433	0
1638308	3/28/2023 10:07	3/29/2023 10:00	1432	0
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325050	3/28/2023 10:12	3/28/2023 11:53	101	0
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1573666	3/28/2023 10:15	3/28/2023 11:52	97	0
345394	3/28/2023 10:18	3/29/2023 10:00	1421	0
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1435531	3/28/2023 10:30	3/29/2023 10:00	1409	0
572990	3/28/2023 10:38	3/28/2023 13:22	164	0
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345647	3/28/2023 11:19	3/28/2023 22:00	641	0
572882	3/28/2023 11:25	3/28/2023 21:03	578	1.22
564518	3/28/2023 11:28	3/28/2023 22:08	640	0
1393633	3/28/2023 11:29	3/28/2023 11:40	11	0
1538577	3/28/2023 11:38	3/28/2023 21:58	620	0.45
1393633	3/28/2023 11:40	3/28/2023 14:09	149	0
8068454	3/28/2023 11:43	3/28/2023 22:01	618	0
275018	3/28/2023 11:47	3/28/2023 20:44	537	0
507365	3/28/2023 11:50	3/28/2023 22:48	658	0
1573666	3/28/2023 11:52	3/28/2023 22:11	619	0
325050	3/28/2023 11:53	3/28/2023 22:13	620	0
169731	3/28/2023 12:16	3/29/2023 10:00	1303	0
496500	3/28/2023 12:25	3/28/2023 21:28	543	0
323657	3/28/2023 12:30	3/28/2023 12:53	23	0
6761269	3/28/2023 12:32	3/28/2023 20:10	458	0
457729	3/28/2023 12:36	3/28/2023 21:54	558	0.01
188639	3/28/2023 12:44	3/28/2023 21:52	548	0
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323657	3/28/2023 12:53	3/28/2023 13:01	8	0
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1431752	3/28/2023 13:03	3/28/2023 13:29	26	0
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572990	3/28/2023 13:22	3/28/2023 13:38	16	0
1431752	3/28/2023 13:29	3/28/2023 21:09	460	0
572990	3/28/2023 13:38	3/28/2023 16:22	164	0
226615	3/28/2023 13:44	3/29/2023 10:00	1215	0
1393633	3/28/2023 14:09	3/28/2023 21:48	459	0
1348300	3/28/2023 15:18	3/28/2023 22:46	448	0.25

323657	3/28/2023 15:53	3/28/2023 16:04	11	0
323657	3/28/2023 16:04	3/28/2023 18:53	169	0
572990	3/28/2023 16:22	3/28/2023 16:40	18	0
1557303	3/28/2023 16:22	3/28/2023 22:21	359	0
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572990	3/28/2023 18:42	3/28/2023 22:40	238	0
323657	3/28/2023 18:53	3/28/2023 19:07	14	0
323657	3/28/2023 19:07	3/28/2023 20:13	66	0
1557676	3/28/2023 19:33	3/28/2023 23:29	236	0
6761269	3/28/2023 20:10	3/29/2023 10:00	829	0
323657	3/28/2023 20:13	3/29/2023 10:00	826	0
275018	3/28/2023 20:44	3/28/2023 20:56	12	0
275018	3/28/2023 20:56	3/28/2023 23:44	168	0
572882	3/28/2023 21:03	3/28/2023 21:16	13	0
1431752	3/28/2023 21:09	3/29/2023 10:00	770	0
572882	3/28/2023 21:16	3/29/2023 0:03	167	0
1557188	3/28/2023 21:25	3/28/2023 21:34	9	0
496500	3/28/2023 21:28	3/28/2023 21:39	11	0
1557188	3/28/2023 21:34	3/29/2023 0:25	171	0
496500	3/28/2023 21:39	3/29/2023 0:28	169	0
1393633	3/28/2023 21:48	3/29/2023 10:00	731	0
188639	3/28/2023 21:52	3/29/2023 0:28	156	0
457729	3/28/2023 21:54	3/29/2023 0:28	154	0
1538577	3/28/2023 21:58	3/29/2023 0:28	150	0
345647	3/28/2023 22:00	3/29/2023 0:28	148	0
8068454	3/28/2023 22:01	3/29/2023 0:28	147	0
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1573666	3/28/2023 22:11	3/29/2023 0:28	137	0
561672	3/28/2023 22:13	3/29/2023 0:28	135	0
325050	3/28/2023 22:13	3/29/2023 0:28	135	0
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1511251	3/28/2023 22:27	3/29/2023 0:28	121	0
2032900	3/28/2023 22:40	3/29/2023 0:28	108	0
572990	3/28/2023 22:40	3/29/2023 0:28	108	0
1348300	3/28/2023 22:46	3/29/2023 10:00	673	0
507365	3/28/2023 22:48	3/29/2023 0:28	100	0
1557676	3/28/2023 23:29	3/29/2023 2:29	180	0
275018	3/28/2023 23:44	3/29/2023 0:28	44	0
572882	3/29/2023 0:03	3/29/2023 0:28	25	0
1557188	3/29/2023 0:25	3/29/2023 0:34	9	0
564518	3/29/2023 0:28	3/29/2023 1:08	40	0
2032900	3/29/2023 0:28	3/29/2023 1:40	72	0
496500	3/29/2023 0:28	3/29/2023 0:39	11	0
561672	3/29/2023 0:28	3/29/2023 1:13	45	0
275018	3/29/2023 0:28	3/29/2023 2:44	136	0

345647	3/29/2023 0:28	3/29/2023 1:00	32	0
572882	3/29/2023 0:28	3/29/2023 2:43	135	0
1538577	3/29/2023 0:28	3/29/2023 0:58	30	0
507365	3/29/2023 0:28	3/29/2023 1:48	80	0
572990	3/29/2023 0:28	3/29/2023 1:40	72	0
8068454	3/29/2023 0:28	3/29/2023 1:01	33	0
1573666	3/29/2023 0:28	3/29/2023 1:11	43	0
188639	3/29/2023 0:28	3/29/2023 0:52	24	0
457729	3/29/2023 0:28	3/29/2023 0:54	26	0
1511251	3/29/2023 0:28	3/29/2023 1:27	59	0
325050	3/29/2023 0:28	3/29/2023 1:13	45	0
1557188	3/29/2023 0:34	3/29/2023 2:05	91	0
496500	3/29/2023 0:39	3/29/2023 2:49	130	0
188639	3/29/2023 0:52	3/29/2023 1:06	14	0
457729	3/29/2023 0:54	3/29/2023 1:14	20	0
1538577	3/29/2023 0:58	3/29/2023 1:06	8	0
345647	3/29/2023 1:00	3/29/2023 1:16	16	0
8068454	3/29/2023 1:01	3/29/2023 1:12	11	0
1557303	3/29/2023 1:01	3/29/2023 10:00	538	0
188639	3/29/2023 1:06	3/29/2023 2:52	106	0
1538577	3/29/2023 1:06	3/29/2023 2:58	112	0
564518	3/29/2023 1:08	3/29/2023 1:14	6	0
1573666	3/29/2023 1:11	3/29/2023 1:19	8	0
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325050	3/29/2023 1:13	3/29/2023 1:15	2	0
564518	3/29/2023 1:14	3/29/2023 2:48	94	0
457729	3/29/2023 1:14	3/29/2023 4:13	179	0
325050	3/29/2023 1:15	3/29/2023 3:13	118	0
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1511251	3/29/2023 1:30	3/29/2023 2:27	57	0
572990	3/29/2023 1:40	3/29/2023 1:43	3	0
2032900	3/29/2023 1:40	3/29/2023 1:49	9	0
572990	3/29/2023 1:43	3/29/2023 2:20	37	0
507365	3/29/2023 1:48	3/29/2023 1:58	10	0
2032900	3/29/2023 1:49	3/29/2023 2:40	51	0
507365	3/29/2023 1:58	3/29/2023 2:47	49	0
1557188	3/29/2023 2:05	3/29/2023 10:00	474	0
572990	3/29/2023 2:20	3/29/2023 10:00	459	0
1511251	3/29/2023 2:27	3/29/2023 10:00	452	0
1557676	3/29/2023 2:29	3/29/2023 3:09	40	0
561672	3/29/2023 2:33	3/29/2023 10:00	446	0
2032900	3/29/2023 2:40	3/29/2023 10:00	439	0
345647	3/29/2023 2:40	3/29/2023 10:00	439	0

572882	3/29/2023 2:43	3/29/2023 10:00	436	0
275018	3/29/2023 2:44	3/29/2023 2:56	12	0
507365	3/29/2023 2:47	3/29/2023 10:00	432	0
564518	3/29/2023 2:48	3/29/2023 10:00	431	0
496500	3/29/2023 2:49	3/29/2023 10:00	430	0
188639	3/29/2023 2:52	3/29/2023 10:00	427	0
275018	3/29/2023 2:56	3/29/2023 3:44	48	0
1538577	3/29/2023 2:58	3/29/2023 10:00	421	0
8068454	3/29/2023 3:01	3/29/2023 10:00	418	0
1557676	3/29/2023 3:09	3/29/2023 10:00	410	0
1573666	3/29/2023 3:11	3/29/2023 10:00	408	0
325050	3/29/2023 3:13	3/29/2023 10:00	406	0
275018	3/29/2023 3:44	3/29/2023 10:00	375	0
457729	3/29/2023 4:13	3/29/2023 10:00	346	0
1466638	3/29/2023 8:37	3/29/2023 10:00	82	0
1349502	3/29/2023 8:37	3/29/2023 10:00	82	0
1299402	3/29/2023 8:43	3/29/2023 10:00	76	0
46184	3/29/2023 10:00	3/30/2023 10:00	1439	0
564357	3/29/2023 10:00	3/30/2023 10:00	1439	0
496500	3/29/2023 10:00	3/30/2023 10:00	1439	0
572990	3/29/2023 10:00	3/30/2023 10:00	1439	0
264186	3/29/2023 10:00	3/30/2023 10:00	1439	0
561672	3/29/2023 10:00	3/29/2023 13:18	198	0.44
2032900	3/29/2023 10:00	3/29/2023 13:12	192	0.76
507365	3/29/2023 10:00	3/29/2023 11:01	61	0
1538577	3/29/2023 10:00	3/29/2023 13:04	184	0.36
1299402	3/29/2023 10:00	3/30/2023 10:00	1439	0
1573666	3/29/2023 10:00	3/30/2023 10:00	1439	0
169731	3/29/2023 10:00	3/30/2023 10:00	1439	0.51
1348300	3/29/2023 10:00	3/30/2023 10:00	1439	0.1
1466638	3/29/2023 10:00	3/29/2023 13:16	196	0
6761269	3/29/2023 10:00	3/30/2023 10:00	1439	0
705447	3/29/2023 10:00	3/30/2023 10:00	1439	0
1393633	3/29/2023 10:00	3/29/2023 11:40	100	0
1557676	3/29/2023 10:00	3/30/2023 10:00	1439	0.03
275018	3/29/2023 10:00	3/30/2023 10:00	1439	0
572882	3/29/2023 10:00	3/29/2023 12:05	125	1.04
1557188	3/29/2023 10:00	3/29/2023 12:22	142	0
1557303	3/29/2023 10:00	3/29/2023 13:11	191	0.36
680322	3/29/2023 10:00	3/30/2023 10:00	1439	0
1417279	3/29/2023 10:00	3/29/2023 22:46	766	0.05
573677	3/29/2023 10:00	3/30/2023 10:00	1439	0
1349502	3/29/2023 10:00	3/30/2023 10:00	1439	0
323657	3/29/2023 10:07	3/30/2023 10:00	1432	0.31
188639	3/29/2023 10:07	3/30/2023 10:00	1432	0.55
903630	3/29/2023 10:07	3/29/2023 21:27	680	0
1431752	3/29/2023 10:08	3/30/2023 10:00	1431	0

8068454	3/29/2023 10:14	3/29/2023 13:05	171	0
226615	3/29/2023 10:15	3/30/2023 10:00	1424	0.29
457729	3/29/2023 10:15	3/29/2023 13:02	167	0
564518	3/29/2023 10:16	3/29/2023 13:12	176	0
325050	3/29/2023 10:17	3/29/2023 12:59	162	0
345647	3/29/2023 10:17	3/29/2023 13:13	176	0
1511251	3/29/2023 10:32	3/30/2023 10:00	1407	0
1435531	3/29/2023 10:36	3/30/2023 10:00	1403	0
953736	3/29/2023 10:50	3/29/2023 20:36	586	0.49
507365	3/29/2023 11:01	3/29/2023 13:12	131	0
1393633	3/29/2023 11:40	3/29/2023 11:41	1	0
1393633	3/29/2023 11:41	3/29/2023 14:40	179	0
315752	3/29/2023 11:59	3/29/2023 23:22	683	1.58
572882	3/29/2023 12:05	3/29/2023 12:17	12	0.14
572882	3/29/2023 12:17	3/29/2023 15:05	168	1.97
1557188	3/29/2023 12:22	3/29/2023 12:36	14	0
646026	3/29/2023 12:34	3/29/2023 21:33	539	0
1557188	3/29/2023 12:36	3/29/2023 15:22	166	0
455629	3/29/2023 12:37	3/29/2023 22:58	621	0.14
568157	3/29/2023 12:44	3/29/2023 21:51	547	0
325050	3/29/2023 12:59	3/29/2023 13:19	20	0
457729	3/29/2023 13:02	3/29/2023 13:17	15	0
1464949	3/29/2023 13:02	3/29/2023 22:20	558	0
1538577	3/29/2023 13:04	3/29/2023 13:09	5	0.05
8068454	3/29/2023 13:05	3/29/2023 13:15	10	0
1343695	3/29/2023 13:07	3/30/2023 10:00	1252	0
1538577	3/29/2023 13:09	3/29/2023 16:04	175	0.07
1557303	3/29/2023 13:11	3/29/2023 22:14	543	0.78
507365	3/29/2023 13:12	3/29/2023 23:02	590	0
2032900	3/29/2023 13:12	3/29/2023 22:41	569	0.13
313011	3/29/2023 13:12	3/29/2023 22:25	553	0
564518	3/29/2023 13:12	3/29/2023 13:18	6	0
345647	3/29/2023 13:13	3/29/2023 13:19	6	0
8737379	3/29/2023 13:15	3/29/2023 22:21	546	0
8068454	3/29/2023 13:15	3/29/2023 16:05	170	0
1466638	3/29/2023 13:16	3/29/2023 13:21	5	0
457729	3/29/2023 13:17	3/29/2023 16:02	165	0
561672	3/29/2023 13:18	3/29/2023 13:20	2	0
564518	3/29/2023 13:18	3/29/2023 15:52	154	0
325050	3/29/2023 13:19	3/29/2023 15:59	160	0
345647	3/29/2023 13:19	3/29/2023 16:13	174	0
561672	3/29/2023 13:20	3/29/2023 15:58	158	0
1466638	3/29/2023 13:21	3/29/2023 16:16	175	0
265473	3/29/2023 14:39	3/29/2023 23:30	531	0
1393633	3/29/2023 14:40	3/29/2023 14:41	1	0
1393633	3/29/2023 14:41	3/29/2023 16:00	79	0
572882	3/29/2023 15:05	3/29/2023 15:17	12	0.2

572882	3/29/2023 15:17	3/29/2023 16:05	48	0
1557188	3/29/2023 15:22	3/29/2023 15:37	15	0
1557188	3/29/2023 15:37	3/29/2023 16:02	25	0
506261	3/29/2023 15:38	3/29/2023 21:53	375	0
1356945	3/29/2023 15:39	3/29/2023 21:43	364	0
7415418	3/29/2023 15:49	3/30/2023 10:00	1090	0
1509487	3/29/2023 15:52	3/30/2023 10:00	1087	0
564518	3/29/2023 15:52	3/29/2023 22:13	381	0
561672	3/29/2023 15:58	3/29/2023 22:16	378	0
325050	3/29/2023 15:59	3/29/2023 22:18	379	0
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1557188	3/29/2023 16:02	3/29/2023 21:20	318	0
315708	3/29/2023 16:02	3/29/2023 22:06	364	0.07
457729	3/29/2023 16:02	3/29/2023 16:17	15	0
1538577	3/29/2023 16:04	3/29/2023 16:09	5	0
8068454	3/29/2023 16:05	3/29/2023 22:09	364	0
572882	3/29/2023 16:05	3/29/2023 21:04	299	0
23566	3/29/2023 16:08	3/29/2023 22:26	378	0
1538577	3/29/2023 16:09	3/29/2023 16:24	15	0
345647	3/29/2023 16:13	3/29/2023 22:12	359	0
8387677	3/29/2023 16:15	3/29/2023 22:09	354	0
1466638	3/29/2023 16:16	3/29/2023 22:15	359	0
457729	3/29/2023 16:17	3/29/2023 16:22	5	0
457729	3/29/2023 16:22	3/29/2023 21:34	312	0
1538577	3/29/2023 16:24	3/29/2023 22:04	340	0
8668965	3/29/2023 16:24	3/29/2023 22:29	365	0
953736	3/29/2023 20:36	3/30/2023 10:00	803	0
572882	3/29/2023 21:04	3/29/2023 21:18	14	0
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1356945	3/29/2023 21:43	3/29/2023 21:53	10	0
568157	3/29/2023 21:51	3/29/2023 21:53	2	0
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568157	3/29/2023 21:53	3/29/2023 23:31	98	0
506261	3/29/2023 21:53	3/29/2023 21:59	6	0
1356945	3/29/2023 21:53	3/30/2023 0:03	130	0
506261	3/29/2023 21:59	3/30/2023 0:53	174	0
1538577	3/29/2023 22:04	3/30/2023 10:00	715	0
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315708	3/29/2023 22:06	3/30/2023 10:00	713	0
8068454	3/29/2023 22:09	3/30/2023 10:00	710	0
8387677	3/29/2023 22:09	3/30/2023 10:00	710	0
345647	3/29/2023 22:12	3/30/2023 10:00	707	0

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561672	3/29/2023 22:16	3/30/2023 10:00	703	0
325050	3/29/2023 22:18	3/30/2023 10:00	701	0
1464949	3/29/2023 22:20	3/30/2023 10:00	699	0
8737379	3/29/2023 22:21	3/30/2023 0:28	127	0
313011	3/29/2023 22:25	3/30/2023 10:00	694	0
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8668965	3/29/2023 22:29	3/30/2023 0:28	119	0
2032900	3/29/2023 22:41	3/30/2023 0:28	107	0
1417279	3/29/2023 22:46	3/30/2023 0:28	102	0
455629	3/29/2023 22:58	3/30/2023 10:00	661	0
507365	3/29/2023 23:02	3/30/2023 0:28	86	0
315752	3/29/2023 23:22	3/30/2023 10:00	637	0
265473	3/29/2023 23:30	3/30/2023 10:00	629	0
568157	3/29/2023 23:31	3/30/2023 10:00	628	0
1557188	3/29/2023 23:40	3/30/2023 10:00	619	0
572882	3/29/2023 23:44	3/30/2023 10:00	615	0
1356945	3/30/2023 0:03	3/30/2023 10:00	596	0
646026	3/30/2023 0:27	3/30/2023 10:00	572	0
2032900	3/30/2023 0:28	3/30/2023 1:41	73	0
8737379	3/30/2023 0:28	3/30/2023 1:21	53	0
1417279	3/30/2023 0:28	3/30/2023 1:46	78	0
1557303	3/30/2023 0:28	3/30/2023 1:14	46	0
507365	3/30/2023 0:28	3/30/2023 2:02	94	0
8668965	3/30/2023 0:28	3/30/2023 1:29	61	0
23566	3/30/2023 0:28	3/30/2023 1:26	58	0
506261	3/30/2023 0:53	3/30/2023 0:59	6	0
506261	3/30/2023 0:59	3/30/2023 3:53	174	0
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23566	3/30/2023 1:26	3/30/2023 1:30	4	0
8668965	3/30/2023 1:29	3/30/2023 1:44	15	0
23566	3/30/2023 1:30	3/30/2023 4:26	176	0
1557303	3/30/2023 1:32	3/30/2023 4:14	162	0
8737379	3/30/2023 1:38	3/30/2023 2:01	23	0
2032900	3/30/2023 1:41	3/30/2023 1:59	18	0
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1417279	3/30/2023 1:49	3/30/2023 4:46	177	0
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8737379	3/30/2023 2:01	3/30/2023 10:00	478	0
507365	3/30/2023 2:02	3/30/2023 2:09	7	0
507365	3/30/2023 2:09	3/30/2023 3:02	53	0
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23566	3/30/2023 4:26	3/30/2023 10:00	333	0
8668965	3/30/2023 4:29	3/30/2023 10:00	330	0
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1417279	3/30/2023 4:51	3/30/2023 5:06	15	0
1417279	3/30/2023 5:06	3/30/2023 10:00	293	0
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315752	3/30/2023 10:00	3/31/2023 10:00	1439	2.76
1356945	3/30/2023 10:00	3/30/2023 12:47	167	0
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564357	3/30/2023 10:00	3/31/2023 10:00	1439	0
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646026	3/30/2023 10:00	3/31/2023 10:00	1439	0
568157	3/30/2023 10:00	3/30/2023 12:39	159	0
1343695	3/30/2023 10:00	3/31/2023 10:00	1439	0
264186	3/30/2023 10:00	3/31/2023 10:00	1439	0
507365	3/30/2023 10:00	3/30/2023 20:22	622	0
169731	3/30/2023 10:00	3/31/2023 10:00	1439	0.88
46184	3/30/2023 10:00	3/31/2023 10:00	1439	0
457729	3/30/2023 10:00	3/30/2023 12:24	144	0
2032900	3/30/2023 10:00	3/30/2023 23:04	784	0.24
8668965	3/30/2023 10:00	3/30/2023 13:58	238	0.4
705447	3/30/2023 10:00	3/31/2023 10:00	1439	0
572990	3/30/2023 10:00	3/31/2023 10:00	1439	0
7415418	3/30/2023 10:13	3/30/2023 12:54	161	0
1509487	3/30/2023 10:15	3/31/2023 10:00	1424	0
315708	3/30/2023 10:18	3/31/2023 10:00	1421	0.48
8068454	3/30/2023 10:22	3/31/2023 10:00	1417	0
226615	3/30/2023 10:23	3/31/2023 10:00	1416	0
564518	3/30/2023 10:24	3/30/2023 13:13	169	0
325050	3/30/2023 10:25	3/30/2023 13:08	163	0
903630	3/30/2023 10:25	3/31/2023 10:00	1414	2.2
345647	3/30/2023 10:26	3/31/2023 10:00	1413	0
561672	3/30/2023 10:27	3/30/2023 14:58	271	2.07
1466638	3/30/2023 10:27	3/31/2023 10:00	1412	0
1573666	3/30/2023 10:29	3/30/2023 11:58	89	0
313011	3/30/2023 10:31	3/30/2023 13:24	173	0

8387677	3/30/2023 10:33	3/31/2023 10:00	1406	0.19
23566	3/30/2023 10:33	3/31/2023 10:00	1406	0.98
1557303	3/30/2023 10:35	3/31/2023 10:00	1404	0.44
1469314	3/30/2023 10:39	3/30/2023 22:40	721	0
8737379	3/30/2023 10:41	3/30/2023 22:36	715	0
972377	3/30/2023 11:14	3/30/2023 14:16	182	0
1573666	3/30/2023 11:58	3/30/2023 22:22	624	0
587455	3/30/2023 12:13	3/30/2023 23:33	680	0
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572882	3/30/2023 12:20	3/30/2023 14:59	159	1.87
457729	3/30/2023 12:24	3/30/2023 20:07	463	0
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568157	3/30/2023 12:39	3/30/2023 12:57	18	0
1557188	3/30/2023 12:41	3/30/2023 14:56	135	0
1356945	3/30/2023 12:47	3/30/2023 12:56	9	0
7415418	3/30/2023 12:54	3/30/2023 22:15	561	0
1356945	3/30/2023 12:56	3/30/2023 15:27	151	0
568157	3/30/2023 12:57	3/30/2023 14:39	102	0
455629	3/30/2023 12:59	3/30/2023 13:02	3	0
315484	3/30/2023 13:00	3/30/2023 21:58	538	0
455629	3/30/2023 13:02	3/30/2023 15:59	177	0
1538577	3/30/2023 13:04	3/30/2023 13:16	12	0.02
325050	3/30/2023 13:08	3/30/2023 13:27	19	0
564518	3/30/2023 13:13	3/30/2023 13:26	13	0
1538577	3/30/2023 13:16	3/30/2023 16:04	168	0
1464949	3/30/2023 13:21	3/30/2023 13:25	4	0
313011	3/30/2023 13:24	3/30/2023 13:33	9	0
1464949	3/30/2023 13:25	3/30/2023 15:41	136	0
564518	3/30/2023 13:26	3/30/2023 14:53	87	0
325050	3/30/2023 13:27	3/30/2023 14:48	81	0
313011	3/30/2023 13:33	3/30/2023 14:44	71	0
1511251	3/30/2023 13:33	3/30/2023 21:37	484	0
953736	3/30/2023 13:50	3/30/2023 23:06	556	0.01
8668965	3/30/2023 13:58	3/30/2023 22:52	534	0.1
972377	3/30/2023 14:16	3/30/2023 14:17	1	0
972377	3/30/2023 14:17	3/30/2023 17:16	179	0
568157	3/30/2023 14:39	3/30/2023 21:50	431	0
313011	3/30/2023 14:44	3/30/2023 22:23	459	0
325050	3/30/2023 14:48	3/30/2023 22:11	443	0
564518	3/30/2023 14:53	3/30/2023 22:18	445	0
571420	3/30/2023 14:55	3/30/2023 22:53	478	0
1557188	3/30/2023 14:56	3/30/2023 21:40	404	0
561672	3/30/2023 14:58	3/30/2023 22:19	441	0
572882	3/30/2023 14:59	3/30/2023 21:18	379	0.35
663083	3/30/2023 15:07	3/31/2023 10:00	1132	0
1356945	3/30/2023 15:27	3/30/2023 21:51	384	0
224479	3/30/2023 15:36	3/31/2023 10:00	1103	0

1464949	3/30/2023 15:41	3/30/2023 22:20	399	0
455629	3/30/2023 15:59	3/30/2023 16:03	4	0
455629	3/30/2023 16:03	3/30/2023 16:39	36	0
1538577	3/30/2023 16:04	3/30/2023 16:17	13	0
1538577	3/30/2023 16:17	3/30/2023 16:24	7	0
1538577	3/30/2023 16:24	3/30/2023 22:19	355	0
455629	3/30/2023 16:39	3/30/2023 21:58	319	0
972377	3/30/2023 17:16	3/30/2023 17:18	2	0
972377	3/30/2023 17:18	3/30/2023 19:56	158	0
972377	3/30/2023 19:56	3/30/2023 23:06	190	0
457729	3/30/2023 20:07	3/31/2023 10:00	832	0
507365	3/30/2023 20:22	3/30/2023 20:24	2	0
507365	3/30/2023 20:24	3/30/2023 21:22	58	0
572882	3/30/2023 21:18	3/30/2023 21:22	4	0
572882	3/30/2023 21:22	3/30/2023 22:38	76	0
507365	3/30/2023 21:22	3/31/2023 10:00	757	0
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1557188	3/30/2023 21:40	3/30/2023 21:44	4	0
1557188	3/30/2023 21:44	3/30/2023 22:40	56	0
568157	3/30/2023 21:50	3/30/2023 22:00	10	0
1356945	3/30/2023 21:51	3/30/2023 21:59	8	0
455629	3/30/2023 21:58	3/31/2023 10:00	721	0
315484	3/30/2023 21:58	3/31/2023 10:00	721	0
1356945	3/30/2023 21:59	3/30/2023 23:11	72	0
568157	3/30/2023 22:00	3/30/2023 22:10	10	0
568157	3/30/2023 22:10	3/31/2023 10:00	709	0
325050	3/30/2023 22:11	3/31/2023 0:28	137	0
7415418	3/30/2023 22:15	3/31/2023 0:28	133	0
564518	3/30/2023 22:18	3/31/2023 10:00	701	0
1538577	3/30/2023 22:19	3/31/2023 10:00	700	0
561672	3/30/2023 22:19	3/31/2023 10:00	700	0
1464949	3/30/2023 22:20	3/31/2023 10:00	699	0
1573666	3/30/2023 22:22	3/31/2023 0:28	126	0
313011	3/30/2023 22:23	3/31/2023 10:00	696	0
8737379	3/30/2023 22:36	3/31/2023 10:00	683	0
572882	3/30/2023 22:38	3/31/2023 10:00	681	0
1557188	3/30/2023 22:40	3/31/2023 10:00	679	0
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8668965	3/30/2023 22:52	3/31/2023 0:28	96	0
571420	3/30/2023 22:53	3/31/2023 0:28	95	0
2032900	3/30/2023 23:04	3/31/2023 0:28	84	0
972377	3/30/2023 23:06	3/31/2023 0:28	82	0
953736	3/30/2023 23:06	3/31/2023 10:00	653	0
1356945	3/30/2023 23:11	3/31/2023 10:00	648	0
587455	3/30/2023 23:33	3/31/2023 10:00	626	0
8668965	3/31/2023 0:28	3/31/2023 0:32	4	0
7415418	3/31/2023 0:28	3/31/2023 1:15	47	0

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1469314	3/31/2023 0:28	3/31/2023 1:40	72	0
972377	3/31/2023 0:28	3/31/2023 2:06	98	0
2032900	3/31/2023 0:28	3/31/2023 2:04	96	0
325050	3/31/2023 0:28	3/31/2023 1:20	52	0
8668965	3/31/2023 0:32	3/31/2023 10:00	567	0
571420	3/31/2023 1:13	3/31/2023 10:00	526	0
7415418	3/31/2023 1:15	3/31/2023 1:19	4	0
7415418	3/31/2023 1:19	3/31/2023 4:15	176	0
325050	3/31/2023 1:20	3/31/2023 10:00	519	0
1573666	3/31/2023 1:22	3/31/2023 1:37	15	0
1573666	3/31/2023 1:37	3/31/2023 3:22	105	0
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1469314	3/31/2023 1:51	3/31/2023 4:00	129	0
2032900	3/31/2023 2:04	3/31/2023 2:12	8	0
972377	3/31/2023 2:06	3/31/2023 2:26	20	0
2032900	3/31/2023 2:12	3/31/2023 3:24	72	0
972377	3/31/2023 2:26	3/31/2023 3:26	60	0
1573666	3/31/2023 3:22	3/31/2023 10:00	397	0
2032900	3/31/2023 3:24	3/31/2023 10:00	395	0
972377	3/31/2023 3:26	3/31/2023 10:00	393	0
1469314	3/31/2023 4:00	3/31/2023 10:00	359	0
7415418	3/31/2023 4:15	3/31/2023 10:00	344	0
1299402	3/31/2023 8:14	3/31/2023 10:00	105	0
801004	3/31/2023 9:40	3/31/2023 10:00	19	0
8068454	3/31/2023 10:00	3/31/2023 13:27	207	0
2032900	3/31/2023 10:00	4/1/2023 10:00	1439	0
953736	3/31/2023 10:00	4/1/2023 10:00	1439	0
264186	3/31/2023 10:00	4/1/2023 10:00	1439	0
457729	3/31/2023 10:00	3/31/2023 13:11	191	0
8387677	3/31/2023 10:00	4/1/2023 10:00	1439	0
46184	3/31/2023 10:00	4/1/2023 10:00	1439	0
663083	3/31/2023 10:00	4/1/2023 10:00	1439	0
169731	3/31/2023 10:00	4/1/2023 10:00	1439	0
1557188	3/31/2023 10:00	4/1/2023 10:00	1439	0
325050	3/31/2023 10:00	3/31/2023 13:05	185	0
1356945	3/31/2023 10:00	4/1/2023 10:00	1439	0
568157	3/31/2023 10:00	4/1/2023 10:00	1439	0
561672	3/31/2023 10:00	4/1/2023 0:28	868	0.02
1464949	3/31/2023 10:00	4/1/2023 10:00	1439	0
8737379	3/31/2023 10:00	4/1/2023 10:00	1439	0
455629	3/31/2023 10:00	3/31/2023 15:29	329	0.09
587455	3/31/2023 10:00	4/1/2023 10:00	1439	0
226615	3/31/2023 10:00	4/1/2023 10:00	1439	0
573677	3/31/2023 10:00	4/1/2023 10:00	1439	0
224479	3/31/2023 10:00	4/1/2023 10:00	1439	0

564357	3/31/2023 10:00	4/1/2023 10:00	1439	0
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7415418	3/31/2023 10:00	4/1/2023 10:00	1439	0
313011	3/31/2023 10:00	4/1/2023 10:00	1439	0
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972377	3/31/2023 10:00	3/31/2023 11:09	69	0
801004	3/31/2023 10:00	4/1/2023 10:00	1439	0
315484	3/31/2023 10:00	4/1/2023 10:00	1439	0
705447	3/31/2023 10:00	4/1/2023 10:00	1439	0
8668965	3/31/2023 10:00	3/31/2023 13:10	190	0
315708	3/31/2023 10:00	4/1/2023 10:00	1439	0.09
23566	3/31/2023 10:00	4/1/2023 10:00	1439	0
1469314	3/31/2023 10:00	4/1/2023 10:00	1439	0
572882	3/31/2023 10:00	4/1/2023 10:00	1439	0
507365	3/31/2023 10:00	3/31/2023 11:43	103	0
972377	3/31/2023 11:09	3/31/2023 20:31	562	0
1557676	3/31/2023 11:37	3/31/2023 23:47	730	0
507365	3/31/2023 11:43	3/31/2023 20:41	538	0
903630	3/31/2023 12:28	4/1/2023 0:28	720	0
1349502	3/31/2023 12:33	4/1/2023 0:28	715	0
6761269	3/31/2023 12:53	3/31/2023 20:53	480	0
680322	3/31/2023 12:54	4/1/2023 0:28	694	0
325050	3/31/2023 13:05	4/1/2023 0:28	683	0
572990	3/31/2023 13:05	4/1/2023 10:00	1254	0
564518	3/31/2023 13:07	4/1/2023 1:37	750	0
1638308	3/31/2023 13:08	4/1/2023 10:00	1251	0
8668965	3/31/2023 13:10	4/1/2023 1:58	768	0.11
457729	3/31/2023 13:11	4/1/2023 0:28	677	0
8068454	3/31/2023 13:27	3/31/2023 13:33	6	0
8068454	3/31/2023 13:33	3/31/2023 13:47	14	0
8068454	3/31/2023 13:47	4/1/2023 0:28	641	0
51483	3/31/2023 14:31	4/1/2023 10:00	1168	0
455629	3/31/2023 15:29	4/1/2023 0:28	539	0
1393633	3/31/2023 17:41	3/31/2023 23:25	344	0
1538195	3/31/2023 19:27	4/1/2023 0:28	301	0
972377	3/31/2023 20:31	4/1/2023 10:00	808	0
507365	3/31/2023 20:41	4/1/2023 0:28	227	0
6761269	3/31/2023 20:53	4/1/2023 10:00	786	0
1393633	3/31/2023 23:25	4/1/2023 0:28	63	0
1557676	3/31/2023 23:47	4/1/2023 0:28	41	0
1538195	4/1/2023 0:28	4/1/2023 10:00	571	0
325050	4/1/2023 0:28	4/1/2023 10:00	571	0
1557676	4/1/2023 0:28	4/1/2023 4:27	239	0
455629	4/1/2023 0:28	4/1/2023 10:00	571	0
507365	4/1/2023 0:28	4/1/2023 1:29	61	0
680322	4/1/2023 0:28	4/1/2023 10:00	571	0
561672	4/1/2023 0:28	4/1/2023 10:00	571	0

903630	4/1/2023 0:28	4/1/2023 10:00	571	0
457729	4/1/2023 0:28	4/1/2023 10:00	571	0
8068454	4/1/2023 0:28	4/1/2023 10:00	571	0
1393633	4/1/2023 0:28	4/1/2023 3:45	197	0
1349502	4/1/2023 0:28	4/1/2023 10:00	571	0
507365	4/1/2023 1:29	4/1/2023 10:00	510	0
564518	4/1/2023 1:37	4/1/2023 1:40	3	0
564518	4/1/2023 1:40	4/1/2023 4:17	157	0
8668965	4/1/2023 1:58	4/1/2023 2:07	9	0
8668965	4/1/2023 2:07	4/1/2023 4:18	131	0
1393633	4/1/2023 3:45	4/1/2023 10:00	374	0
564518	4/1/2023 4:17	4/1/2023 10:00	342	0
8668965	4/1/2023 4:18	4/1/2023 10:00	341	0
1557676	4/1/2023 4:27	4/1/2023 10:00	332	0
46184	4/1/2023 10:00	4/2/2023 10:00	1439	0
507365	4/1/2023 10:00	4/1/2023 12:27	147	0
663083	4/1/2023 10:00	4/2/2023 10:00	1439	0.19
572990	4/1/2023 10:00	4/2/2023 10:00	1439	0
8068454	4/1/2023 10:00	4/2/2023 10:00	1439	0
169731	4/1/2023 10:00	4/2/2023 10:00	1439	1.52
8668965	4/1/2023 10:00	4/2/2023 10:00	1439	0
705447	4/1/2023 10:00	4/2/2023 10:00	1439	0
455629	4/1/2023 10:00	4/1/2023 13:15	195	0
572882	4/1/2023 10:00	4/1/2023 12:26	146	0
573677	4/1/2023 10:00	4/2/2023 10:00	1439	0
903630	4/1/2023 10:00	4/2/2023 10:00	1439	0.22
564357	4/1/2023 10:00	4/2/2023 10:00	1439	0
561672	4/1/2023 10:00	4/2/2023 10:00	1439	0.01
264186	4/1/2023 10:00	4/2/2023 10:00	1439	0
972377	4/1/2023 10:00	4/1/2023 12:15	135	0
1557676	4/1/2023 10:00	4/2/2023 10:00	1439	0.16
325050	4/1/2023 10:00	4/1/2023 13:26	206	0
457729	4/1/2023 10:00	4/1/2023 13:28	208	0
6761269	4/1/2023 10:00	4/2/2023 10:00	1439	0
564518	4/1/2023 10:00	4/2/2023 10:00	1439	0
1349502	4/1/2023 10:00	4/2/2023 0:54	894	0
680322	4/1/2023 10:00	4/1/2023 13:00	180	0
1638308	4/1/2023 10:00	4/2/2023 10:00	1439	0.02
1393633	4/1/2023 10:00	4/2/2023 10:00	1439	0
1538195	4/1/2023 10:00	4/2/2023 10:00	1439	0
51483	4/1/2023 10:48	4/1/2023 11:15	27	0
51483	4/1/2023 11:15	4/2/2023 1:43	868	1.3
1407232	4/1/2023 11:18	4/2/2023 2:06	888	0.25
1320619	4/1/2023 11:34	4/2/2023 10:00	1345	0
1434359	4/1/2023 11:34	4/1/2023 23:38	724	0.02
1557188	4/1/2023 11:53	4/2/2023 0:36	763	0
315708	4/1/2023 12:00	4/2/2023 1:20	800	0.14

1557303	4/1/2023 12:01	4/2/2023 3:19	918	1.1
315752	4/1/2023 12:01	4/1/2023 21:59	598	0.03
1435531	4/1/2023 12:02	4/2/2023 2:01	839	0
569420	4/1/2023 12:03	4/2/2023 0:42	759	0.21
1538577	4/1/2023 12:06	4/2/2023 1:26	800	0
1435127	4/1/2023 12:06	4/2/2023 1:29	803	0
1363415	4/1/2023 12:09	4/2/2023 0:28	739	1.76
972377	4/1/2023 12:15	4/1/2023 20:40	505	0
572882	4/1/2023 12:26	4/1/2023 12:27	1	0
507365	4/1/2023 12:27	4/1/2023 20:34	487	0
572882	4/1/2023 12:27	4/1/2023 13:06	39	0.3
680322	4/1/2023 13:00	4/1/2023 13:13	13	0
572882	4/1/2023 13:06	4/2/2023 0:24	678	0.29
680322	4/1/2023 13:13	4/1/2023 13:20	7	0
455629	4/1/2023 13:15	4/1/2023 13:16	1	0
455629	4/1/2023 13:16	4/1/2023 14:15	59	0
680322	4/1/2023 13:20	4/2/2023 0:28	668	0
1464949	4/1/2023 13:23	4/2/2023 0:28	665	0
325050	4/1/2023 13:26	4/1/2023 13:44	18	0
457729	4/1/2023 13:28	4/1/2023 13:42	14	0
457729	4/1/2023 13:42	4/1/2023 16:08	146	0
325050	4/1/2023 13:44	4/1/2023 15:26	102	0
1511251	4/1/2023 13:49	4/1/2023 20:08	379	0
1503562	4/1/2023 13:51	4/2/2023 1:46	715	0
1404235	4/1/2023 13:57	4/2/2023 0:28	631	0
455629	4/1/2023 14:15	4/2/2023 0:28	613	0
571420	4/1/2023 14:16	4/2/2023 0:28	612	0
8766703	4/1/2023 14:17	4/2/2023 0:28	611	0
325050	4/1/2023 15:26	4/2/2023 1:30	604	0
457729	4/1/2023 16:08	4/2/2023 2:16	608	0
1362855	4/1/2023 16:45	4/1/2023 23:38	413	0
345427	4/1/2023 17:19	4/2/2023 10:00	1000	0
1539469	4/1/2023 17:46	4/1/2023 23:35	349	0
238061	4/1/2023 17:57	4/2/2023 10:00	962	0
324045	4/1/2023 18:04	4/2/2023 1:09	425	0
238191	4/1/2023 18:32	4/2/2023 10:00	927	0
952881	4/1/2023 19:16	4/2/2023 10:00	883	0
313011	4/1/2023 19:37	4/2/2023 1:47	370	0
345647	4/1/2023 19:42	4/2/2023 10:00	857	0
1394543	4/1/2023 19:46	4/2/2023 10:00	853	0
348007	4/1/2023 19:48	4/2/2023 10:00	851	0
341843	4/1/2023 19:55	4/2/2023 1:47	352	0
1511251	4/1/2023 20:08	4/2/2023 10:00	831	0
507365	4/1/2023 20:34	4/2/2023 0:28	234	0
972377	4/1/2023 20:40	4/2/2023 0:28	228	0
315752	4/1/2023 21:59	4/2/2023 10:00	720	0
1539469	4/1/2023 23:35	4/2/2023 0:28	53	0

1434359	4/1/2023 23:38	4/2/2023 0:28	50	0
1362855	4/1/2023 23:38	4/2/2023 10:00	621	0
572882	4/2/2023 0:24	4/2/2023 0:29	5	0
455629	4/2/2023 0:28	4/2/2023 10:00	571	0
680322	4/2/2023 0:28	4/2/2023 10:00	571	0
1404235	4/2/2023 0:28	4/2/2023 10:00	571	0
1363415	4/2/2023 0:28	4/2/2023 10:00	571	0
1464949	4/2/2023 0:28	4/2/2023 10:00	571	0
507365	4/2/2023 0:28	4/2/2023 2:34	126	0
8766703	4/2/2023 0:28	4/2/2023 10:00	571	0
1539469	4/2/2023 0:28	4/2/2023 4:15	227	0
972377	4/2/2023 0:28	4/2/2023 2:40	132	0
571420	4/2/2023 0:28	4/2/2023 10:00	571	0
1434359	4/2/2023 0:28	4/2/2023 2:58	150	0
572882	4/2/2023 0:29	4/2/2023 4:24	235	0
1557188	4/2/2023 0:36	4/2/2023 0:54	18	0
569420	4/2/2023 0:42	4/2/2023 1:02	20	0
1557188	4/2/2023 0:54	4/2/2023 3:16	142	0
1349502	4/2/2023 0:54	4/2/2023 1:11	17	0
569420	4/2/2023 1:02	4/2/2023 3:22	140	0
324045	4/2/2023 1:09	4/2/2023 1:24	15	0
1349502	4/2/2023 1:11	4/2/2023 2:34	83	0
315708	4/2/2023 1:20	4/2/2023 1:39	19	0
324045	4/2/2023 1:24	4/2/2023 1:49	25	0
1538577	4/2/2023 1:26	4/2/2023 1:36	10	0
1435127	4/2/2023 1:29	4/2/2023 1:40	11	0
325050	4/2/2023 1:30	4/2/2023 1:49	19	0
1538577	4/2/2023 1:36	4/2/2023 3:26	110	0
315708	4/2/2023 1:39	4/2/2023 3:20	101	0
1435127	4/2/2023 1:40	4/2/2023 3:29	109	0
51483	4/2/2023 1:43	4/2/2023 1:52	9	0
1503562	4/2/2023 1:46	4/2/2023 10:00	493	0
313011	4/2/2023 1:47	4/2/2023 1:55	8	0
341843	4/2/2023 1:47	4/2/2023 2:00	13	0
325050	4/2/2023 1:49	4/2/2023 1:50	1	0
324045	4/2/2023 1:49	4/2/2023 10:00	490	0
325050	4/2/2023 1:50	4/2/2023 10:00	489	0
51483	4/2/2023 1:52	4/2/2023 2:23	31	0
313011	4/2/2023 1:55	4/2/2023 3:07	72	0
341843	4/2/2023 2:00	4/2/2023 3:27	87	0
1435531	4/2/2023 2:01	4/2/2023 2:14	13	0
1407232	4/2/2023 2:06	4/2/2023 2:17	11	0
1435531	4/2/2023 2:14	4/2/2023 3:21	67	0
457729	4/2/2023 2:16	4/2/2023 10:00	463	0
1407232	4/2/2023 2:17	4/2/2023 2:26	9	0
51483	4/2/2023 2:23	4/2/2023 10:00	456	0
1407232	4/2/2023 2:26	4/2/2023 10:00	453	0

1349502	4/2/2023 2:34	4/2/2023 10:00	445	0
507365	4/2/2023 2:34	4/2/2023 2:46	12	0
972377	4/2/2023 2:40	4/2/2023 2:49	9	0
507365	4/2/2023 2:46	4/2/2023 4:14	88	0
972377	4/2/2023 2:49	4/2/2023 3:40	51	0
1434359	4/2/2023 2:58	4/2/2023 10:00	421	0
313011	4/2/2023 3:07	4/2/2023 10:00	412	0
1557188	4/2/2023 3:16	4/2/2023 10:00	403	0
1557303	4/2/2023 3:19	4/2/2023 10:00	400	0
315708	4/2/2023 3:20	4/2/2023 10:00	399	0
1435531	4/2/2023 3:21	4/2/2023 10:00	398	0
569420	4/2/2023 3:22	4/2/2023 10:00	397	0
1538577	4/2/2023 3:26	4/2/2023 10:00	393	0
341843	4/2/2023 3:27	4/2/2023 10:00	392	0
1435127	4/2/2023 3:29	4/2/2023 10:00	390	0
972377	4/2/2023 3:40	4/2/2023 10:00	379	0
507365	4/2/2023 4:14	4/2/2023 10:00	345	0
1539469	4/2/2023 4:15	4/2/2023 10:00	344	0
572882	4/2/2023 4:24	4/2/2023 10:00	335	0
1404368	4/2/2023 8:31	4/2/2023 10:00	88	0
345427	4/2/2023 10:00	4/2/2023 16:02	362	0
345647	4/2/2023 10:00	4/2/2023 22:07	727	0
1539469	4/2/2023 10:00	4/3/2023 10:00	1439	0
46184	4/2/2023 10:00	4/3/2023 10:00	1439	0
1404235	4/2/2023 10:00	4/3/2023 10:00	1439	0
972377	4/2/2023 10:00	4/2/2023 13:54	234	0
455629	4/2/2023 10:00	4/2/2023 12:47	167	0.1
264186	4/2/2023 10:00	4/3/2023 10:00	1439	0
1362855	4/2/2023 10:00	4/2/2023 14:34	274	0.08
1464949	4/2/2023 10:00	4/2/2023 11:43	103	0
1503562	4/2/2023 10:00	4/2/2023 13:36	216	0.78
457729	4/2/2023 10:00	4/2/2023 11:10	70	0
1435531	4/2/2023 10:00	4/2/2023 22:34	754	0
1435127	4/2/2023 10:00	4/2/2023 11:10	70	0
564357	4/2/2023 10:00	4/3/2023 10:00	1439	0
680322	4/2/2023 10:00	4/3/2023 10:00	1439	0
572990	4/2/2023 10:00	4/2/2023 22:40	760	0
705447	4/2/2023 10:00	4/3/2023 10:00	1439	0
1557303	4/2/2023 10:00	4/3/2023 10:00	1439	0.16
1557188	4/2/2023 10:00	4/2/2023 21:26	686	0
8766703	4/2/2023 10:00	4/2/2023 14:35	275	0
1349502	4/2/2023 10:00	4/3/2023 10:00	1439	0.09
1511251	4/2/2023 10:00	4/3/2023 10:00	1439	0
571420	4/2/2023 10:00	4/2/2023 13:44	224	0.02
315752	4/2/2023 10:00	4/3/2023 10:00	1439	1.76
315708	4/2/2023 10:00	4/2/2023 22:14	734	2.12
238191	4/2/2023 10:00	4/3/2023 10:00	1439	0

572882	4/2/2023 10:00	4/2/2023 12:04	124	0.88
1538577	4/2/2023 10:00	4/2/2023 21:56	716	0.07
569420	4/2/2023 10:00	4/3/2023 10:00	1439	0.32
507365	4/2/2023 10:00	4/2/2023 11:45	105	0
341843	4/2/2023 10:00	4/2/2023 22:20	740	0
1363415	4/2/2023 10:00	4/3/2023 10:00	1439	0.36
325050	4/2/2023 10:00	4/2/2023 12:37	157	0
324045	4/2/2023 10:00	4/3/2023 10:00	1439	0
1320619	4/2/2023 10:00	4/3/2023 10:00	1439	0
1434359	4/2/2023 10:00	4/2/2023 20:41	641	0.08
313011	4/2/2023 10:00	4/3/2023 10:00	1439	0
238061	4/2/2023 10:00	4/3/2023 10:00	1439	0
348007	4/2/2023 10:00	4/3/2023 10:00	1439	0
1404368	4/2/2023 10:00	4/3/2023 10:00	1439	0.21
952881	4/2/2023 10:00	4/3/2023 10:00	1439	0
1394543	4/2/2023 10:00	4/3/2023 10:00	1439	0.05
564518	4/2/2023 10:52	4/2/2023 18:32	460	0
1431752	4/2/2023 11:00	4/2/2023 22:00	660	0
1435127	4/2/2023 11:10	4/2/2023 22:09	659	0
457729	4/2/2023 11:10	4/2/2023 22:09	659	0
8627374	4/2/2023 11:23	4/2/2023 22:47	684	0.09
1464949	4/2/2023 11:43	4/2/2023 22:18	635	0
507365	4/2/2023 11:45	4/2/2023 21:23	578	0
7415418	4/2/2023 11:55	4/2/2023 22:00	605	0
572882	4/2/2023 12:04	4/2/2023 21:02	538	3.36
325050	4/2/2023 12:37	4/2/2023 22:22	585	0
793690	4/2/2023 12:43	4/2/2023 21:46	543	0.06
455629	4/2/2023 12:47	4/2/2023 12:59	12	0.03
455629	4/2/2023 12:59	4/2/2023 13:07	8	0
455629	4/2/2023 13:07	4/2/2023 21:45	518	0
1527339	4/2/2023 13:14	4/2/2023 22:21	547	0
1573666	4/2/2023 13:14	4/2/2023 22:21	547	0
8068454	4/2/2023 13:18	4/2/2023 22:16	538	0
23566	4/2/2023 13:26	4/2/2023 22:19	533	0.02
1503562	4/2/2023 13:36	4/2/2023 13:45	9	0.16
237941	4/2/2023 13:37	4/3/2023 10:00	1222	0
571420	4/2/2023 13:44	4/2/2023 13:54	10	0
1503562	4/2/2023 13:45	4/2/2023 16:36	171	0
972377	4/2/2023 13:54	4/2/2023 14:11	17	0
571420	4/2/2023 13:54	4/2/2023 14:44	50	0
972377	4/2/2023 14:11	4/2/2023 15:14	63	0
1362855	4/2/2023 14:34	4/2/2023 14:40	6	0
8766703	4/2/2023 14:35	4/2/2023 22:54	499	0
1362855	4/2/2023 14:40	4/2/2023 15:34	54	0
571420	4/2/2023 14:44	4/2/2023 22:22	458	0
21537	4/2/2023 15:12	4/2/2023 22:22	430	0.07
972377	4/2/2023 15:14	4/2/2023 20:18	304	0

21540	4/2/2023 15:20	4/2/2023 21:37	377	0
1362855	4/2/2023 15:34	4/2/2023 23:14	460	0
6761269	4/2/2023 15:42	4/2/2023 21:39	357	0
345427	4/2/2023 16:02	4/2/2023 22:27	385	0
51483	4/2/2023 16:11	4/2/2023 22:18	367	0
8668965	4/2/2023 16:26	4/2/2023 22:37	371	0
1503562	4/2/2023 16:36	4/2/2023 16:45	9	0
381338	4/2/2023 16:41	4/2/2023 22:41	360	0
1503562	4/2/2023 16:45	4/2/2023 16:56	11	0
1503562	4/2/2023 16:56	4/2/2023 22:40	344	0
573677	4/2/2023 18:04	4/3/2023 10:00	955	0
564518	4/2/2023 18:32	4/3/2023 10:00	927	0
1356945	4/2/2023 18:47	4/2/2023 21:50	183	0
972377	4/2/2023 20:18	4/2/2023 20:19	1	0
972377	4/2/2023 20:19	4/2/2023 22:58	159	0
1434359	4/2/2023 20:41	4/2/2023 20:42	1	0
1434359	4/2/2023 20:42	4/2/2023 23:41	179	0
572882	4/2/2023 21:02	4/2/2023 21:20	18	0
572882	4/2/2023 21:20	4/3/2023 0:02	162	0
507365	4/2/2023 21:23	4/3/2023 10:00	756	0
1557188	4/2/2023 21:26	4/2/2023 21:40	14	0
21540	4/2/2023 21:37	4/3/2023 10:00	742	0
6761269	4/2/2023 21:39	4/2/2023 21:51	12	0
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455629	4/2/2023 21:45	4/3/2023 10:00	734	0
793690	4/2/2023 21:46	4/3/2023 0:28	162	0
1356945	4/2/2023 21:50	4/2/2023 21:55	5	0
6761269	4/2/2023 21:51	4/3/2023 0:39	168	0
1356945	4/2/2023 21:55	4/3/2023 0:50	175	0
1538577	4/2/2023 21:56	4/3/2023 0:28	152	0
1431752	4/2/2023 22:00	4/3/2023 0:28	148	0
7415418	4/2/2023 22:00	4/3/2023 0:28	148	0
345647	4/2/2023 22:07	4/3/2023 0:28	141	0
457729	4/2/2023 22:09	4/3/2023 0:28	139	0
1435127	4/2/2023 22:09	4/3/2023 0:28	139	0
315708	4/2/2023 22:14	4/3/2023 0:28	134	0
8068454	4/2/2023 22:16	4/3/2023 10:00	703	0
1464949	4/2/2023 22:18	4/3/2023 0:28	130	0
51483	4/2/2023 22:18	4/3/2023 0:28	130	0
23566	4/2/2023 22:19	4/3/2023 0:28	129	0
341843	4/2/2023 22:20	4/3/2023 0:28	128	0
1527339	4/2/2023 22:21	4/3/2023 0:28	127	0
1573666	4/2/2023 22:21	4/3/2023 0:28	127	0
325050	4/2/2023 22:22	4/3/2023 0:28	126	0
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571420	4/2/2023 22:22	4/3/2023 10:00	697	0
345427	4/2/2023 22:27	4/3/2023 10:00	692	0

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8668965	4/2/2023 22:37	4/3/2023 0:28	111	0
572990	4/2/2023 22:40	4/3/2023 0:28	108	0
1503562	4/2/2023 22:40	4/3/2023 0:28	108	0
381338	4/2/2023 22:41	4/3/2023 0:28	107	0
8627374	4/2/2023 22:47	4/3/2023 0:28	101	0
8766703	4/2/2023 22:54	4/3/2023 10:00	665	0
972377	4/2/2023 22:58	4/3/2023 10:00	661	0
1362855	4/2/2023 23:14	4/3/2023 10:00	645	0
1434359	4/2/2023 23:41	4/3/2023 0:28	47	0
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7415418	4/3/2023 0:28	4/3/2023 1:00	32	0
345647	4/3/2023 0:28	4/3/2023 1:07	39	0
1435531	4/3/2023 0:28	4/3/2023 1:34	66	0
315708	4/3/2023 0:28	4/3/2023 1:14	46	0
572882	4/3/2023 0:28	4/3/2023 3:02	154	0
1435127	4/3/2023 0:28	4/3/2023 1:09	41	0
1434359	4/3/2023 0:28	4/3/2023 2:01	93	0
341843	4/3/2023 0:28	4/3/2023 1:20	52	0
1573666	4/3/2023 0:28	4/3/2023 1:21	53	0
1503562	4/3/2023 0:28	4/3/2023 1:40	72	0
1464949	4/3/2023 0:28	4/3/2023 1:18	50	0
23566	4/3/2023 0:28	4/3/2023 1:19	51	0
8668965	4/3/2023 0:28	4/3/2023 1:37	69	0
793690	4/3/2023 0:28	4/3/2023 0:46	18	0
51483	4/3/2023 0:28	4/3/2023 0:58	30	0
8627374	4/3/2023 0:28	4/3/2023 1:47	79	0
381338	4/3/2023 0:28	4/3/2023 1:41	73	0
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325050	4/3/2023 0:28	4/3/2023 1:22	54	0
1431752	4/3/2023 0:28	4/3/2023 1:00	32	0
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6761269	4/3/2023 0:39	4/3/2023 0:52	13	0
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793690	4/3/2023 0:46	4/3/2023 1:06	20	0
1356945	4/3/2023 0:50	4/3/2023 0:56	6	0
6761269	4/3/2023 0:52	4/3/2023 2:19	87	0
1538577	4/3/2023 0:56	4/3/2023 1:16	20	0
1356945	4/3/2023 0:56	4/3/2023 3:50	174	0
51483	4/3/2023 0:58	4/3/2023 10:00	541	0
1431752	4/3/2023 1:00	4/3/2023 1:17	17	0
7415418	4/3/2023 1:00	4/3/2023 1:14	14	0
793690	4/3/2023 1:06	4/3/2023 2:26	80	0
345647	4/3/2023 1:07	4/3/2023 1:27	20	0

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315708	4/3/2023 1:14	4/3/2023 1:19	5	0
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1431752	4/3/2023 1:17	4/3/2023 2:20	63	0
1464949	4/3/2023 1:18	4/3/2023 10:00	521	0
23566	4/3/2023 1:19	4/3/2023 1:35	16	0
315708	4/3/2023 1:19	4/3/2023 2:14	55	0
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345647	4/3/2023 1:27	4/3/2023 2:07	40	0
325050	4/3/2023 1:27	4/3/2023 4:02	155	0
1573666	4/3/2023 1:31	4/3/2023 2:21	50	0
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23566	4/3/2023 1:35	4/3/2023 2:59	84	0
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1527339	4/3/2023 1:36	4/3/2023 2:41	65	0
8668965	4/3/2023 1:37	4/3/2023 1:50	13	0
1503562	4/3/2023 1:40	4/3/2023 1:50	10	0
572990	4/3/2023 1:40	4/3/2023 1:58	18	0
381338	4/3/2023 1:41	4/3/2023 1:46	5	0
381338	4/3/2023 1:46	4/3/2023 4:21	155	0
8627374	4/3/2023 1:47	4/3/2023 1:52	5	0
1435531	4/3/2023 1:48	4/3/2023 2:14	26	0
8668965	4/3/2023 1:50	4/3/2023 2:57	67	0
1503562	4/3/2023 1:50	4/3/2023 4:40	170	0
8627374	4/3/2023 1:52	4/3/2023 2:47	55	0
572990	4/3/2023 1:58	4/3/2023 2:20	22	0
1434359	4/3/2023 2:01	4/3/2023 10:00	478	0
345647	4/3/2023 2:07	4/3/2023 10:00	472	0
1435531	4/3/2023 2:14	4/3/2023 10:00	465	0
315708	4/3/2023 2:14	4/3/2023 10:00	465	0
1538577	4/3/2023 2:16	4/3/2023 10:00	463	0
6761269	4/3/2023 2:19	4/3/2023 10:00	460	0
341843	4/3/2023 2:20	4/3/2023 10:00	459	0
572990	4/3/2023 2:20	4/3/2023 10:00	459	0
1431752	4/3/2023 2:20	4/3/2023 10:00	459	0
1573666	4/3/2023 2:21	4/3/2023 10:00	458	0
793690	4/3/2023 2:26	4/3/2023 10:00	453	0
1557188	4/3/2023 2:26	4/3/2023 10:00	453	0
1435127	4/3/2023 2:29	4/3/2023 10:00	450	0
457729	4/3/2023 2:29	4/3/2023 10:00	450	0

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8627374	4/3/2023 2:47	4/3/2023 10:00	432	0
8668965	4/3/2023 2:57	4/3/2023 10:00	422	0
23566	4/3/2023 2:59	4/3/2023 10:00	420	0
572882	4/3/2023 3:02	4/3/2023 3:21	19	0
7415418	4/3/2023 3:20	4/3/2023 10:00	399	0
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572882	4/3/2023 3:22	4/3/2023 10:00	397	0
1356945	4/3/2023 3:50	4/3/2023 10:00	369	0
325050	4/3/2023 4:02	4/3/2023 10:00	357	0
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1503562	4/3/2023 4:51	4/3/2023 6:00	69	0
1503562	4/3/2023 6:00	4/3/2023 10:00	239	0
325050	4/3/2023 10:00	4/4/2023 10:00	1439	0
507365	4/3/2023 10:00	4/3/2023 14:04	244	0
455629	4/3/2023 10:00	4/3/2023 15:27	327	0.42
264186	4/3/2023 10:00	4/4/2023 10:00	1439	0
1503562	4/3/2023 10:00	4/4/2023 10:00	1439	0
8068454	4/3/2023 10:00	4/3/2023 13:24	204	0
564357	4/3/2023 10:00	4/4/2023 10:00	1439	0
238191	4/3/2023 10:00	4/4/2023 10:00	1439	0
571420	4/3/2023 10:00	4/4/2023 1:53	953	0
381338	4/3/2023 10:00	4/4/2023 10:00	1439	0
572882	4/3/2023 10:00	4/3/2023 18:23	503	1.61
8668965	4/3/2023 10:00	4/4/2023 10:00	1439	0
237941	4/3/2023 10:00	4/4/2023 10:00	1439	0.39
1362855	4/3/2023 10:00	4/3/2023 23:28	808	0.5
972377	4/3/2023 10:00	4/3/2023 14:18	258	0
8766703	4/3/2023 10:00	4/4/2023 10:00	1439	0
1464949	4/3/2023 10:00	4/3/2023 13:26	206	0
21540	4/3/2023 10:00	4/4/2023 10:00	1439	0
315708	4/3/2023 10:00	4/3/2023 13:24	204	2.56
1557188	4/3/2023 10:00	4/3/2023 12:32	152	0
345427	4/3/2023 10:00	4/4/2023 10:00	1439	0
1356945	4/3/2023 10:00	4/3/2023 11:22	82	0
21537	4/3/2023 10:00	4/4/2023 10:00	1439	0.05
705447	4/3/2023 10:00	4/4/2023 10:00	1439	0
1573666	4/3/2023 10:00	4/4/2023 10:00	1439	0
341843	4/3/2023 10:00	4/4/2023 10:00	1439	0
1434359	4/3/2023 10:00	4/4/2023 10:00	1439	0
46184	4/3/2023 10:00	4/4/2023 10:00	1439	0
23566	4/3/2023 10:00	4/4/2023 10:00	1439	0.07
51483	4/3/2023 10:00	4/4/2023 10:00	1439	0
573677	4/3/2023 10:00	4/3/2023 14:01	241	0
7415418	4/3/2023 10:00	4/4/2023 10:00	1439	0
345647	4/3/2023 10:00	4/3/2023 13:18	198	0

224176	4/3/2023 11:07	4/4/2023 0:28	801	0
1538195	4/3/2023 11:10	4/4/2023 1:10	840	0
1356945	4/3/2023 11:22	4/4/2023 0:45	803	0
680322	4/3/2023 11:34	4/4/2023 0:53	799	0
1538577	4/3/2023 11:43	4/4/2023 1:09	806	0.1
1557188	4/3/2023 12:32	4/3/2023 12:45	13	0
496500	4/3/2023 12:36	4/3/2023 23:31	655	0
1417279	4/3/2023 12:43	4/4/2023 2:01	798	0.05
1557188	4/3/2023 12:45	4/3/2023 15:32	167	0
6761269	4/3/2023 12:50	4/4/2023 0:54	724	0
663083	4/3/2023 13:10	4/4/2023 1:18	728	0.02
793690	4/3/2023 13:10	4/3/2023 17:50	280	0.9
1431752	4/3/2023 13:10	4/4/2023 1:10	720	0
457729	4/3/2023 13:16	4/4/2023 1:15	719	0
345647	4/3/2023 13:18	4/3/2023 13:33	15	0
315708	4/3/2023 13:24	4/3/2023 13:25	1	0
8068454	4/3/2023 13:24	4/3/2023 13:29	5	0
315708	4/3/2023 13:25	4/3/2023 17:24	239	0.18
903630	4/3/2023 13:25	4/4/2023 1:35	730	0
1464949	4/3/2023 13:26	4/3/2023 13:32	6	0
564518	4/3/2023 13:27	4/3/2023 13:32	5	0
8068454	4/3/2023 13:29	4/3/2023 15:04	95	0
561672	4/3/2023 13:30	4/4/2023 1:24	714	0
1464949	4/3/2023 13:32	4/3/2023 16:26	174	0
564518	4/3/2023 13:32	4/3/2023 16:27	175	0
345647	4/3/2023 13:33	4/3/2023 16:18	165	0
348007	4/3/2023 13:47	4/4/2023 10:00	1212	0
572990	4/3/2023 13:49	4/4/2023 1:08	679	0
1394543	4/3/2023 13:50	4/4/2023 0:28	638	0
573677	4/3/2023 14:01	4/3/2023 14:06	5	0
507365	4/3/2023 14:04	4/3/2023 14:24	20	0
573677	4/3/2023 14:06	4/3/2023 17:01	175	0
972377	4/3/2023 14:18	4/3/2023 20:16	358	0
507365	4/3/2023 14:24	4/3/2023 16:33	129	0
226615	4/3/2023 14:39	4/4/2023 10:00	1160	0
1393633	4/3/2023 14:39	4/3/2023 23:35	536	0
8068454	4/3/2023 15:04	4/4/2023 0:28	564	0
1509487	4/3/2023 15:25	4/4/2023 0:28	543	0
455629	4/3/2023 15:27	4/4/2023 0:56	569	0
1557188	4/3/2023 15:32	4/3/2023 15:44	12	0
569420	4/3/2023 15:41	4/4/2023 0:51	550	0
1557188	4/3/2023 15:44	4/3/2023 17:52	128	0
345647	4/3/2023 16:18	4/3/2023 16:32	14	0
8387677	4/3/2023 16:21	4/4/2023 1:21	540	0
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564518	4/3/2023 16:31	4/3/2023 18:47	136	0

345647	4/3/2023 16:32	4/3/2023 17:18	46	0
507365	4/3/2023 16:33	4/3/2023 20:23	230	0
224479	4/3/2023 16:41	4/4/2023 10:00	1038	0
573677	4/3/2023 17:01	4/3/2023 17:04	3	0
2032900	4/3/2023 17:04	4/4/2023 1:30	506	0
573677	4/3/2023 17:04	4/3/2023 17:41	37	0
345647	4/3/2023 17:18	4/4/2023 0:57	459	0
315708	4/3/2023 17:24	4/4/2023 1:04	460	0
573677	4/3/2023 17:41	4/4/2023 1:20	459	0
1539469	4/3/2023 17:44	4/3/2023 23:33	349	0
313011	4/3/2023 17:48	4/4/2023 10:00	971	0
793690	4/3/2023 17:50	4/4/2023 1:09	439	0
1557188	4/3/2023 17:52	4/4/2023 0:31	399	0
315484	4/3/2023 18:15	4/4/2023 10:00	944	0
572882	4/3/2023 18:23	4/3/2023 18:43	20	0
280780	4/3/2023 18:33	4/4/2023 10:00	926	0
953736	4/3/2023 18:37	4/4/2023 10:00	922	0
572882	4/3/2023 18:43	4/4/2023 0:23	340	0
564518	4/3/2023 18:47	4/4/2023 1:27	400	0
1343695	4/3/2023 18:47	4/4/2023 10:00	912	0
972377	4/3/2023 20:16	4/4/2023 10:00	823	0
507365	4/3/2023 20:23	4/4/2023 0:28	245	0
1362855	4/3/2023 23:28	4/4/2023 0:28	60	0
496500	4/3/2023 23:31	4/4/2023 10:00	628	0
1539469	4/3/2023 23:33	4/4/2023 0:28	55	0
1393633	4/3/2023 23:35	4/4/2023 0:28	53	0
572882	4/4/2023 0:23	4/4/2023 0:28	5	0
1539469	4/4/2023 0:28	4/4/2023 1:53	85	0
1509487	4/4/2023 0:28	4/4/2023 10:00	571	0
1464949	4/4/2023 0:28	4/4/2023 10:00	571	0
1394543	4/4/2023 0:28	4/4/2023 10:00	571	0
224176	4/4/2023 0:28	4/4/2023 10:00	571	0
1362855	4/4/2023 0:28	4/4/2023 1:28	60	0
572882	4/4/2023 0:28	4/4/2023 2:23	115	0
1393633	4/4/2023 0:28	4/4/2023 2:15	107	0
507365	4/4/2023 0:28	4/4/2023 2:03	95	0
8068454	4/4/2023 0:28	4/4/2023 10:00	571	0
1557188	4/4/2023 0:31	4/4/2023 0:47	16	0
1356945	4/4/2023 0:45	4/4/2023 1:03	18	0
1557188	4/4/2023 0:47	4/4/2023 1:31	44	0
569420	4/4/2023 0:51	4/4/2023 0:54	3	0
680322	4/4/2023 0:53	4/4/2023 1:07	14	0
6761269	4/4/2023 0:54	4/4/2023 0:58	4	0
569420	4/4/2023 0:54	4/4/2023 1:11	17	0
455629	4/4/2023 0:56	4/4/2023 1:10	14	0
345647	4/4/2023 0:57	4/4/2023 10:00	542	0
6761269	4/4/2023 0:58	4/4/2023 1:14	16	0

1356945	4/4/2023 1:03	4/4/2023 2:45	102	0
315708	4/4/2023 1:04	4/4/2023 10:00	535	0
680322	4/4/2023 1:07	4/4/2023 2:13	66	0
572990	4/4/2023 1:08	4/4/2023 10:00	531	0
1538577	4/4/2023 1:09	4/4/2023 1:25	16	0
793690	4/4/2023 1:09	4/4/2023 1:14	5	0
1538195	4/4/2023 1:10	4/4/2023 1:22	12	0
1431752	4/4/2023 1:10	4/4/2023 10:00	529	0
455629	4/4/2023 1:10	4/4/2023 5:56	286	0
569420	4/4/2023 1:11	4/4/2023 10:00	528	0
6761269	4/4/2023 1:14	4/4/2023 10:00	525	0
793690	4/4/2023 1:14	4/4/2023 1:29	15	0
457729	4/4/2023 1:15	4/4/2023 10:00	524	0
663083	4/4/2023 1:18	4/4/2023 1:31	13	0
573677	4/4/2023 1:20	4/4/2023 10:00	519	0
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507365	4/4/2023 2:03	4/4/2023 10:00	476	0
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1431752	4/4/2023 10:00	4/5/2023 10:00	1439	0
345647	4/4/2023 10:00	4/5/2023 10:00	1439	0
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561672	4/4/2023 10:00	4/5/2023 1:39	939	0
705447	4/4/2023 10:00	4/5/2023 10:00	1439	0
1394543	4/4/2023 10:00	4/5/2023 0:28	868	0
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1343695	4/4/2023 10:00	4/5/2023 10:00	1439	0
6761269	4/4/2023 10:00	4/5/2023 10:00	1439	0
8068454	4/4/2023 10:00	4/4/2023 13:19	199	0
972377	4/4/2023 10:00	4/5/2023 10:00	1439	0
315708	4/4/2023 10:00	4/5/2023 10:00	1439	2.96
455629	4/4/2023 10:00	4/5/2023 10:00	1439	0
23566	4/4/2023 10:00	4/5/2023 10:00	1439	0
587455	4/4/2023 10:00	4/5/2023 10:00	1439	0
1638308	4/4/2023 10:00	4/5/2023 10:00	1439	0.1
1557188	4/4/2023 10:00	4/5/2023 10:00	1439	0
1509487	4/4/2023 10:00	4/4/2023 13:20	200	0
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7415418	4/4/2023 10:00	4/5/2023 10:00	1439	0
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564357	4/4/2023 10:00	4/5/2023 10:00	1439	0
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313011	4/4/2023 10:00	4/4/2023 13:19	199	0
1362855	4/4/2023 10:00	4/4/2023 11:27	87	0.2
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46184	4/4/2023 10:00	4/5/2023 10:00	1439	0
2032900	4/4/2023 10:00	4/4/2023 14:20	260	0
8387677	4/4/2023 10:00	4/5/2023 10:00	1439	0
507365	4/4/2023 10:00	4/4/2023 13:26	206	0
457729	4/4/2023 10:00	4/5/2023 10:00	1439	0
680322	4/4/2023 10:00	4/4/2023 12:54	174	0
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1362855	4/4/2023 11:27	4/4/2023 11:42	15	0.1
1539469	4/4/2023 11:31	4/4/2023 21:08	577	0
1362855	4/4/2023 11:42	4/4/2023 13:20	98	0
1538398	4/4/2023 11:58	4/5/2023 0:28	750	0

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572882	4/4/2023 12:26	4/4/2023 13:20	54	0.55
1356945	4/4/2023 12:47	4/5/2023 1:09	742	0
613329	4/4/2023 12:47	4/4/2023 21:05	498	0
680322	4/4/2023 12:54	4/4/2023 13:10	16	0
793690	4/4/2023 13:05	4/4/2023 13:17	12	0
680322	4/4/2023 13:10	4/4/2023 13:20	10	0
793690	4/4/2023 13:17	4/4/2023 16:45	208	0
1401185	4/4/2023 13:18	4/4/2023 20:18	420	0
51483	4/4/2023 13:18	4/5/2023 1:37	739	0
568157	4/4/2023 13:18	4/5/2023 0:28	670	0
1538577	4/4/2023 13:18	4/5/2023 0:28	670	0
313011	4/4/2023 13:19	4/5/2023 1:52	753	0
8068454	4/4/2023 13:19	4/5/2023 1:24	725	0
1538195	4/4/2023 13:19	4/5/2023 1:59	760	0
1363415	4/4/2023 13:20	4/5/2023 10:00	1239	0
1362855	4/4/2023 13:20	4/4/2023 23:24	604	0
224176	4/4/2023 13:20	4/5/2023 10:00	1239	0
1509487	4/4/2023 13:20	4/5/2023 1:15	715	0
680322	4/4/2023 13:20	4/5/2023 0:28	668	0
572882	4/4/2023 13:20	4/5/2023 0:23	663	0.04
564518	4/4/2023 13:20	4/5/2023 0:28	668	0
48217	4/4/2023 13:21	4/5/2023 1:43	742	0.1
507365	4/4/2023 13:26	4/4/2023 20:25	419	0
1464949	4/4/2023 13:29	4/4/2023 13:39	10	0
1464949	4/4/2023 13:39	4/4/2023 15:29	110	0
1518502	4/4/2023 13:49	4/5/2023 1:58	729	0
381338	4/4/2023 13:50	4/5/2023 2:08	738	0
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573677	4/4/2023 14:07	4/4/2023 14:15	8	0
573677	4/4/2023 14:15	4/4/2023 16:27	132	0
572990	4/4/2023 14:15	4/4/2023 16:21	126	0
2032900	4/4/2023 14:20	4/4/2023 14:22	2	0
2032900	4/4/2023 14:22	4/4/2023 16:40	138	0
1464949	4/4/2023 15:29	4/5/2023 0:28	539	0
572990	4/4/2023 16:21	4/4/2023 20:20	239	0
573677	4/4/2023 16:27	4/5/2023 0:28	481	0
2032900	4/4/2023 16:40	4/5/2023 0:28	468	0
793690	4/4/2023 16:45	4/5/2023 0:28	463	0
801004	4/4/2023 19:11	4/5/2023 2:14	423	0
1309133	4/4/2023 19:28	4/5/2023 1:08	340	0
561758	4/4/2023 19:31	4/5/2023 10:00	868	0
1401185	4/4/2023 20:18	4/5/2023 10:00	821	0
572990	4/4/2023 20:20	4/5/2023 10:00	819	0
507365	4/4/2023 20:25	4/5/2023 10:00	814	0
613329	4/4/2023 21:05	4/5/2023 10:00	774	0

1539469	4/4/2023 21:08	4/5/2023 10:00	771	0
1362855	4/4/2023 23:24	4/5/2023 0:28	64	0
572882	4/5/2023 0:23	4/5/2023 0:28	5	0
564518	4/5/2023 0:28	4/5/2023 10:00	571	0
2032900	4/5/2023 0:28	4/5/2023 10:00	571	0
1362855	4/5/2023 0:28	4/5/2023 4:44	256	0
680322	4/5/2023 0:28	4/5/2023 10:00	571	0
793690	4/5/2023 0:28	4/5/2023 10:00	571	0
573677	4/5/2023 0:28	4/5/2023 10:00	571	0
1538398	4/5/2023 0:28	4/5/2023 10:00	571	0
1464949	4/5/2023 0:28	4/5/2023 10:00	571	0
1538577	4/5/2023 0:28	4/5/2023 10:00	571	0
568157	4/5/2023 0:28	4/5/2023 10:00	571	0
325050	4/5/2023 0:28	4/5/2023 10:00	571	0
1394543	4/5/2023 0:28	4/5/2023 10:00	571	0
572882	4/5/2023 0:28	4/5/2023 4:43	255	0
1309133	4/5/2023 1:08	4/5/2023 1:28	20	0
1356945	4/5/2023 1:09	4/5/2023 1:10	1	0
1356945	4/5/2023 1:10	4/5/2023 4:29	199	0
1509487	4/5/2023 1:15	4/5/2023 1:34	19	0
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1309133	4/5/2023 1:28	4/5/2023 4:28	180	0
1509487	4/5/2023 1:34	4/5/2023 1:57	23	0
51483	4/5/2023 1:37	4/5/2023 1:50	13	0
561672	4/5/2023 1:39	4/5/2023 1:47	8	0
8068454	4/5/2023 1:42	4/5/2023 4:24	162	0
48217	4/5/2023 1:43	4/5/2023 1:57	14	0
561672	4/5/2023 1:47	4/5/2023 4:39	172	0
51483	4/5/2023 1:50	4/5/2023 4:37	167	0
313011	4/5/2023 1:52	4/5/2023 1:53	1	0
313011	4/5/2023 1:53	4/5/2023 4:32	159	0
1509487	4/5/2023 1:57	4/5/2023 10:00	482	0
48217	4/5/2023 1:57	4/5/2023 4:03	126	0
1518502	4/5/2023 1:58	4/5/2023 2:05	7	0
1538195	4/5/2023 1:59	4/5/2023 9:34	455	0
1518502	4/5/2023 2:05	4/5/2023 4:18	133	0
381338	4/5/2023 2:08	4/5/2023 10:00	471	0
1417279	4/5/2023 2:12	4/5/2023 2:18	6	0
801004	4/5/2023 2:14	4/5/2023 2:31	17	0
1417279	4/5/2023 2:18	4/5/2023 4:32	134	0
801004	4/5/2023 2:31	4/5/2023 2:54	23	0
801004	4/5/2023 2:54	4/5/2023 10:00	425	0
48217	4/5/2023 4:03	4/5/2023 10:00	356	0
1518502	4/5/2023 4:18	4/5/2023 10:00	341	0
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1309133	4/5/2023 4:28	4/5/2023 10:00	331	0
1356945	4/5/2023 4:29	4/5/2023 10:00	330	0

313011	4/5/2023 4:32	4/5/2023 10:00	327	0
1417279	4/5/2023 4:32	4/5/2023 10:00	327	0
51483	4/5/2023 4:37	4/5/2023 10:00	322	0
561672	4/5/2023 4:39	4/5/2023 10:00	320	0
572882	4/5/2023 4:43	4/5/2023 10:00	316	0
1362855	4/5/2023 4:44	4/5/2023 10:00	315	0
1538195	4/5/2023 9:34	4/5/2023 10:00	25	0
564357	4/5/2023 10:00	4/6/2023 10:00	1439	0
680322	4/5/2023 10:00	4/6/2023 10:00	1439	0
1401185	4/5/2023 10:00	4/6/2023 10:00	1439	0
1464949	4/5/2023 10:00	4/6/2023 10:00	1439	0
1518502	4/5/2023 10:00	4/6/2023 10:00	1439	0
264186	4/5/2023 10:00	4/6/2023 10:00	1439	0
1343695	4/5/2023 10:00	4/6/2023 10:00	1439	0
8068454	4/5/2023 10:00	4/6/2023 10:00	1439	0
564518	4/5/2023 10:00	4/6/2023 10:00	1439	0
572882	4/5/2023 10:00	4/6/2023 10:00	1439	0
224176	4/5/2023 10:00	4/5/2023 13:34	214	0
1394543	4/5/2023 10:00	4/6/2023 10:00	1439	0.11
1309133	4/5/2023 10:00	4/6/2023 10:00	1439	0
705447	4/5/2023 10:00	4/6/2023 10:00	1439	0
793690	4/5/2023 10:00	4/6/2023 10:00	1439	0
1538577	4/5/2023 10:00	4/6/2023 10:00	1439	0
1362855	4/5/2023 10:00	4/6/2023 10:00	1439	0
1363415	4/5/2023 10:00	4/6/2023 10:00	1439	0
1356945	4/5/2023 10:00	4/6/2023 10:00	1439	0
1538195	4/5/2023 10:00	4/5/2023 17:04	424	0
2032900	4/5/2023 10:00	4/5/2023 14:26	266	0
313011	4/5/2023 10:00	4/6/2023 1:57	957	0
48217	4/5/2023 10:00	4/6/2023 10:00	1439	0
613329	4/5/2023 10:00	4/6/2023 10:00	1439	0
1539469	4/5/2023 10:00	4/5/2023 23:49	829	0
381338	4/5/2023 10:00	4/6/2023 10:00	1439	0
325050	4/5/2023 10:00	4/6/2023 10:00	1439	0
1417279	4/5/2023 10:00	4/5/2023 12:18	138	0
561758	4/5/2023 10:00	4/6/2023 10:00	1439	0
561672	4/5/2023 10:00	4/5/2023 12:22	142	0
46184	4/5/2023 10:00	4/6/2023 10:00	1439	0
568157	4/5/2023 10:00	4/6/2023 10:00	1439	0
573677	4/5/2023 10:00	4/6/2023 10:00	1439	0
572990	4/5/2023 10:00	4/6/2023 10:00	1439	0
51483	4/5/2023 10:00	4/6/2023 10:00	1439	0
1638308	4/5/2023 10:00	4/6/2023 10:00	1439	0.01
801004	4/5/2023 11:20	4/5/2023 14:36	196	0
315752	4/5/2023 11:59	4/5/2023 23:53	714	0
345647	4/5/2023 12:09	4/6/2023 1:49	820	0
8387677	4/5/2023 12:12	4/6/2023 1:50	818	0

1417279	4/5/2023 12:18	4/6/2023 2:11	833	0
6761269	4/5/2023 12:21	4/6/2023 0:51	750	0
561672	4/5/2023 12:22	4/6/2023 1:45	803	0
1299402	4/5/2023 12:25	4/6/2023 2:22	837	0
224176	4/5/2023 13:34	4/5/2023 13:41	7	0
1431752	4/5/2023 13:36	4/6/2023 0:28	652	0
224176	4/5/2023 13:41	4/5/2023 16:54	193	0
2032900	4/5/2023 14:26	4/5/2023 14:34	8	0
507365	4/5/2023 14:32	4/5/2023 20:45	373	0
2032900	4/5/2023 14:34	4/5/2023 15:46	72	0
801004	4/5/2023 14:36	4/6/2023 10:00	1163	0
315708	4/5/2023 15:14	4/6/2023 10:00	1125	0
2032900	4/5/2023 15:46	4/6/2023 0:28	522	0
315484	4/5/2023 16:08	4/6/2023 0:28	500	0
224176	4/5/2023 16:54	4/6/2023 0:37	463	0
1538195	4/5/2023 17:04	4/6/2023 10:00	1015	0
226615	4/5/2023 17:32	4/6/2023 10:00	987	0
1509487	4/5/2023 18:04	4/6/2023 1:34	450	0
1557188	4/5/2023 18:44	4/6/2023 0:52	368	0
396857	4/5/2023 18:58	4/6/2023 10:00	901	0
1539692	4/5/2023 19:38	4/6/2023 1:33	355	0
1320619	4/5/2023 20:02	4/6/2023 10:00	837	0
507365	4/5/2023 20:45	4/6/2023 0:28	223	0
1539469	4/5/2023 23:49	4/6/2023 0:28	39	0
315752	4/5/2023 23:53	4/6/2023 10:00	606	0
1431752	4/6/2023 0:28	4/6/2023 10:00	571	0
1324274	4/6/2023 0:28	4/6/2023 10:00	571	0
1539469	4/6/2023 0:28	4/6/2023 3:29	181	0
315484	4/6/2023 0:28	4/6/2023 10:00	571	0
1538398	4/6/2023 0:28	4/6/2023 1:16	48	0
2032900	4/6/2023 0:28	4/6/2023 10:00	571	0
507365	4/6/2023 0:28	4/6/2023 1:45	77	0
224176	4/6/2023 0:37	4/6/2023 10:00	562	0
6761269	4/6/2023 0:51	4/6/2023 1:10	19	0
1557188	4/6/2023 0:52	4/6/2023 0:57	5	0
1557188	4/6/2023 0:57	4/6/2023 3:32	155	0
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1538398	4/6/2023 1:22	4/6/2023 3:36	134	0
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1509487	4/6/2023 1:34	4/6/2023 10:00	505	0
1539692	4/6/2023 1:37	4/6/2023 4:53	196	0
507365	4/6/2023 1:45	4/6/2023 10:00	494	0
561672	4/6/2023 1:45	4/6/2023 1:55	10	0
345647	4/6/2023 1:49	4/6/2023 1:54	5	0
8387677	4/6/2023 1:50	4/6/2023 2:04	14	0
345647	4/6/2023 1:54	4/6/2023 3:29	95	0

561672	4/6/2023 1:55	4/6/2023 3:45	110	0
313011	4/6/2023 1:57	4/6/2023 2:01	4	0
313011	4/6/2023 2:01	4/6/2023 3:17	76	0
8387677	4/6/2023 2:04	4/6/2023 2:46	42	0
1417279	4/6/2023 2:11	4/6/2023 2:28	17	0
1299402	4/6/2023 2:22	4/6/2023 2:36	14	0
1417279	4/6/2023 2:28	4/6/2023 3:31	63	0
1299402	4/6/2023 2:36	4/6/2023 3:42	66	0
8387677	4/6/2023 2:46	4/6/2023 10:00	433	0
313011	4/6/2023 3:17	4/6/2023 10:00	402	0
1539469	4/6/2023 3:29	4/6/2023 10:00	390	0
345647	4/6/2023 3:29	4/6/2023 10:00	390	0
6761269	4/6/2023 3:31	4/6/2023 10:00	388	0
1417279	4/6/2023 3:31	4/6/2023 10:00	388	0
1557188	4/6/2023 3:32	4/6/2023 10:00	387	0
1538398	4/6/2023 3:36	4/6/2023 10:00	383	0
1299402	4/6/2023 3:42	4/6/2023 10:00	377	0
561672	4/6/2023 3:45	4/6/2023 10:00	374	0
1539692	4/6/2023 4:53	4/6/2023 10:00	306	0
46184	4/6/2023 10:00	4/7/2023 10:00	1439	0
1320619	4/6/2023 10:00	4/7/2023 10:00	1439	0
315708	4/6/2023 10:00	4/7/2023 10:00	1439	0.31
2032900	4/6/2023 10:00	4/7/2023 10:00	1439	0
224176	4/6/2023 10:00	4/7/2023 1:47	947	0.07
1324274	4/6/2023 10:00	4/7/2023 1:11	911	0
1557188	4/6/2023 10:00	4/7/2023 0:54	894	0
6761269	4/6/2023 10:00	4/7/2023 10:00	1439	0
1431752	4/6/2023 10:00	4/7/2023 10:00	1439	0
224479	4/6/2023 10:00	4/7/2023 10:00	1439	0.02
561672	4/6/2023 10:00	4/7/2023 10:00	1439	0
1539692	4/6/2023 10:00	4/6/2023 12:23	143	0
1538398	4/6/2023 10:00	4/6/2023 13:22	202	0
1539469	4/6/2023 10:00	4/7/2023 10:00	1439	0
325050	4/6/2023 10:00	4/6/2023 11:48	108	0
1309133	4/6/2023 10:00	4/7/2023 10:00	1439	0
315484	4/6/2023 10:00	4/7/2023 10:00	1439	0
226615	4/6/2023 10:00	4/7/2023 10:00	1439	0.01
705447	4/6/2023 10:00	4/7/2023 10:00	1439	0
1509487	4/6/2023 10:00	4/7/2023 10:00	1439	0
1394543	4/6/2023 10:00	4/7/2023 10:00	1439	0.02
396857	4/6/2023 10:00	4/7/2023 10:00	1439	0
564357	4/6/2023 10:00	4/7/2023 10:00	1439	0
313011	4/6/2023 10:00	4/7/2023 10:00	1439	0
8068454	4/6/2023 10:00	4/7/2023 1:42	942	0
507365	4/6/2023 10:00	4/6/2023 14:55	295	0
1343695	4/6/2023 10:00	4/7/2023 10:00	1439	0
264186	4/6/2023 10:00	4/7/2023 10:00	1439	0

1299402	4/6/2023 10:00	4/7/2023 10:00	1439	0
1417279	4/6/2023 10:00	4/7/2023 1:21	921	0.05
8387677	4/6/2023 10:00	4/7/2023 10:00	1439	0.01
572990	4/6/2023 10:00	4/7/2023 10:00	1439	0
315752	4/6/2023 10:00	4/7/2023 10:00	1439	0.6
573677	4/6/2023 10:00	4/7/2023 10:00	1439	0
345647	4/6/2023 10:00	4/7/2023 10:00	1439	0
1538577	4/6/2023 11:18	4/6/2023 13:38	140	0
564518	4/6/2023 11:30	4/7/2023 1:54	864	0
325050	4/6/2023 11:48	4/7/2023 1:49	841	0
1265626	4/6/2023 12:19	4/7/2023 10:00	1300	0
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324045	4/6/2023 12:42	4/7/2023 0:28	706	0
561758	4/6/2023 12:43	4/7/2023 1:44	781	0
1538398	4/6/2023 13:22	4/6/2023 13:25	3	0
1538398	4/6/2023 13:25	4/6/2023 13:42	17	0
1538577	4/6/2023 13:38	4/6/2023 13:44	6	0
1538398	4/6/2023 13:42	4/7/2023 0:28	646	0
1538577	4/6/2023 13:44	4/6/2023 18:38	294	0
51483	4/6/2023 13:51	4/7/2023 1:59	728	0.05
507365	4/6/2023 14:55	4/6/2023 14:59	4	0
903630	4/6/2023 14:58	4/7/2023 10:00	1141	0
507365	4/6/2023 14:59	4/6/2023 17:55	176	0
1464949	4/6/2023 16:09	4/7/2023 0:28	499	0
952881	4/6/2023 16:33	4/7/2023 10:00	1046	0
507365	4/6/2023 17:55	4/6/2023 20:52	177	0
1538577	4/6/2023 18:38	4/7/2023 1:38	420	0
1466638	4/6/2023 19:50	4/7/2023 1:54	364	0
1435531	4/6/2023 20:11	4/7/2023 10:00	828	0
381338	4/6/2023 20:24	4/7/2023 2:14	350	0
507365	4/6/2023 20:52	4/7/2023 0:28	216	0
507365	4/7/2023 0:28	4/7/2023 1:32	64	0
324045	4/7/2023 0:28	4/7/2023 10:00	571	0
1539692	4/7/2023 0:28	4/7/2023 10:00	571	0
1464949	4/7/2023 0:28	4/7/2023 10:00	571	0
1538398	4/7/2023 0:28	4/7/2023 10:00	571	0
1557188	4/7/2023 0:54	4/7/2023 1:03	9	0
1557188	4/7/2023 1:03	4/7/2023 3:54	171	0
1324274	4/7/2023 1:11	4/7/2023 1:24	13	0
1417279	4/7/2023 1:21	4/7/2023 10:00	518	0
1324274	4/7/2023 1:24	4/7/2023 2:58	94	0
507365	4/7/2023 1:32	4/7/2023 10:00	507	0
1538577	4/7/2023 1:38	4/7/2023 1:49	11	0
8068454	4/7/2023 1:42	4/7/2023 1:58	16	0
561758	4/7/2023 1:44	4/7/2023 1:51	7	0
224176	4/7/2023 1:47	4/7/2023 1:54	7	0
325050	4/7/2023 1:49	4/7/2023 2:03	14	0

1538577	4/7/2023 1:49	4/7/2023 2:18	29	0
561758	4/7/2023 1:51	4/7/2023 4:04	133	0
564518	4/7/2023 1:54	4/7/2023 2:02	8	0
1466638	4/7/2023 1:54	4/7/2023 2:06	12	0
224176	4/7/2023 1:54	4/7/2023 2:47	53	0
8068454	4/7/2023 1:58	4/7/2023 4:02	124	0
51483	4/7/2023 1:59	4/7/2023 2:07	8	0
564518	4/7/2023 2:02	4/7/2023 3:54	112	0
325050	4/7/2023 2:03	4/7/2023 3:09	66	0
1466638	4/7/2023 2:06	4/7/2023 4:14	128	0
51483	4/7/2023 2:07	4/7/2023 2:19	12	0
381338	4/7/2023 2:14	4/7/2023 2:29	15	0
1538577	4/7/2023 2:18	4/7/2023 10:00	461	0
51483	4/7/2023 2:19	4/7/2023 10:00	460	0
381338	4/7/2023 2:29	4/7/2023 4:34	125	0
224176	4/7/2023 2:47	4/7/2023 10:00	432	0
1324274	4/7/2023 2:58	4/7/2023 10:00	421	0
325050	4/7/2023 3:09	4/7/2023 10:00	410	0
1557188	4/7/2023 3:54	4/7/2023 10:00	365	0
564518	4/7/2023 3:54	4/7/2023 10:00	365	0
8068454	4/7/2023 4:02	4/7/2023 10:00	357	0
561758	4/7/2023 4:04	4/7/2023 10:00	355	0
1466638	4/7/2023 4:14	4/7/2023 10:00	345	0
381338	4/7/2023 4:34	4/7/2023 10:00	325	0
264186	4/7/2023 10:00	4/8/2023 10:00	1439	0
325050	4/7/2023 10:00	4/8/2023 1:54	954	0
1324274	4/7/2023 10:00	4/8/2023 10:00	1439	0
1539692	4/7/2023 10:00	4/8/2023 10:00	1439	0
324045	4/7/2023 10:00	4/7/2023 11:38	98	0
564357	4/7/2023 10:00	4/8/2023 10:00	1439	0
952881	4/7/2023 10:00	4/8/2023 10:00	1439	0
1417279	4/7/2023 10:00	4/7/2023 12:08	128	0
1435531	4/7/2023 10:00	4/8/2023 10:00	1439	0
1538577	4/7/2023 10:00	4/8/2023 1:23	923	0
507365	4/7/2023 10:00	4/7/2023 15:04	304	0
564518	4/7/2023 10:00	4/7/2023 11:29	89	0
1466638	4/7/2023 10:00	4/8/2023 10:00	1439	0
561758	4/7/2023 10:00	4/8/2023 10:00	1439	0
1557188	4/7/2023 10:00	4/8/2023 0:53	893	0
1464949	4/7/2023 10:00	4/8/2023 10:00	1439	0
8068454	4/7/2023 10:00	4/8/2023 10:00	1439	0
381338	4/7/2023 10:00	4/8/2023 10:00	1439	0
705447	4/7/2023 10:00	4/8/2023 10:00	1439	0
46184	4/7/2023 10:00	4/8/2023 10:00	1439	0
396857	4/7/2023 10:00	4/8/2023 10:00	1439	0
8627374	4/7/2023 10:29	4/7/2023 20:46	617	0
1511251	4/7/2023 10:29	4/7/2023 20:28	599	0

572882	4/7/2023 11:03	4/7/2023 18:22	439	0
564518	4/7/2023 11:29	4/8/2023 2:09	880	0
1393633	4/7/2023 11:33	4/7/2023 23:32	719	0
324045	4/7/2023 11:38	4/8/2023 1:36	838	0
1265626	4/7/2023 11:39	4/7/2023 15:08	209	0
569420	4/7/2023 11:45	4/8/2023 1:08	803	0
1557303	4/7/2023 11:55	4/8/2023 2:14	859	0
1417279	4/7/2023 12:08	4/8/2023 0:34	746	0
572916	4/7/2023 12:25	4/8/2023 0:25	720	0
1431752	4/7/2023 12:39	4/8/2023 1:39	780	0
568157	4/7/2023 13:16	4/8/2023 1:15	719	0
1538398	4/7/2023 13:20	4/7/2023 13:33	13	0
1538398	4/7/2023 13:33	4/7/2023 18:40	307	0
903630	4/7/2023 14:08	4/8/2023 10:00	1191	0
610737	4/7/2023 14:54	4/8/2023 10:00	1145	0
2032900	4/7/2023 14:57	4/7/2023 20:55	358	0
507365	4/7/2023 15:04	4/7/2023 15:13	9	0
1265626	4/7/2023 15:08	4/7/2023 22:55	467	0
507365	4/7/2023 15:13	4/7/2023 16:44	91	0
972377	4/7/2023 15:14	4/7/2023 21:18	364	0
169731	4/7/2023 15:43	4/8/2023 10:00	1096	0
507365	4/7/2023 16:44	4/7/2023 21:02	258	0
571420	4/7/2023 17:32	4/8/2023 1:11	459	0
1435127	4/7/2023 18:00	4/8/2023 1:31	451	0
224176	4/7/2023 18:03	4/8/2023 1:36	453	0
573677	4/7/2023 18:03	4/8/2023 10:00	956	0
572882	4/7/2023 18:22	4/7/2023 18:38	16	0
572882	4/7/2023 18:38	4/7/2023 18:42	4	0
1538398	4/7/2023 18:40	4/8/2023 0:28	348	0
572882	4/7/2023 18:42	4/8/2023 0:38	356	0
226615	4/7/2023 18:44	4/8/2023 10:00	915	0
8668965	4/7/2023 19:25	4/8/2023 2:33	428	0
224479	4/7/2023 20:21	4/8/2023 10:00	818	0
1511251	4/7/2023 20:28	4/8/2023 0:28	240	0
8627374	4/7/2023 20:46	4/8/2023 0:28	222	0
2032900	4/7/2023 20:55	4/8/2023 0:28	213	0
507365	4/7/2023 21:02	4/8/2023 10:00	777	0
972377	4/7/2023 21:18	4/8/2023 10:00	761	0
1265626	4/7/2023 22:55	4/8/2023 10:00	664	0
1393633	4/7/2023 23:32	4/8/2023 0:28	56	0
572916	4/8/2023 0:25	4/8/2023 0:39	14	0
8627374	4/8/2023 0:28	4/8/2023 1:46	78	0
1538398	4/8/2023 0:28	4/8/2023 10:00	571	0
1393633	4/8/2023 0:28	4/8/2023 2:52	144	0
2032900	4/8/2023 0:28	4/8/2023 1:35	67	0
1511251	4/8/2023 0:28	4/8/2023 1:48	80	0
1417279	4/8/2023 0:34	4/8/2023 10:00	565	0

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1557188	4/8/2023 0:53	4/8/2023 1:08	15	0
1557188	4/8/2023 1:08	4/8/2023 2:33	85	0
569420	4/8/2023 1:08	4/8/2023 1:17	9	0
571420	4/8/2023 1:11	4/8/2023 10:00	528	0
568157	4/8/2023 1:15	4/8/2023 10:00	524	0
569420	4/8/2023 1:17	4/8/2023 3:08	111	0
1538577	4/8/2023 1:23	4/8/2023 10:00	516	0
1435127	4/8/2023 1:31	4/8/2023 10:00	508	0
2032900	4/8/2023 1:35	4/8/2023 10:00	504	0
224176	4/8/2023 1:36	4/8/2023 10:00	503	0
324045	4/8/2023 1:36	4/8/2023 1:43	7	0
1431752	4/8/2023 1:39	4/8/2023 1:58	19	0
324045	4/8/2023 1:43	4/8/2023 2:56	73	0
8627374	4/8/2023 1:46	4/8/2023 10:00	493	0
1511251	4/8/2023 1:48	4/8/2023 10:00	491	0
325050	4/8/2023 1:54	4/8/2023 2:11	17	0
1431752	4/8/2023 1:58	4/8/2023 3:59	121	0
564518	4/8/2023 2:09	4/8/2023 2:10	1	0
564518	4/8/2023 2:10	4/8/2023 2:49	39	0
325050	4/8/2023 2:11	4/8/2023 2:14	3	0
325050	4/8/2023 2:14	4/8/2023 10:00	465	0
1557303	4/8/2023 2:14	4/8/2023 2:24	10	0
572882	4/8/2023 2:18	4/8/2023 10:00	461	0
1557303	4/8/2023 2:24	4/8/2023 3:14	50	0
572916	4/8/2023 2:25	4/8/2023 10:00	454	0
1557188	4/8/2023 2:33	4/8/2023 10:00	446	0
8668965	4/8/2023 2:33	4/8/2023 2:43	10	0
8668965	4/8/2023 2:43	4/8/2023 2:53	10	0
564518	4/8/2023 2:49	4/8/2023 10:00	430	0
1393633	4/8/2023 2:52	4/8/2023 10:00	427	0
8668965	4/8/2023 2:53	4/8/2023 10:00	426	0
324045	4/8/2023 2:56	4/8/2023 10:00	423	0
569420	4/8/2023 3:08	4/8/2023 10:00	411	0
1557303	4/8/2023 3:14	4/8/2023 10:00	405	0
1431752	4/8/2023 3:59	4/8/2023 10:00	360	0
8737379	4/8/2023 8:37	4/8/2023 10:00	82	0
507365	4/8/2023 10:00	4/8/2023 15:03	303	0
325050	4/8/2023 10:00	4/8/2023 14:09	249	0
224176	4/8/2023 10:00	4/9/2023 10:00	1439	0
568157	4/8/2023 10:00	4/9/2023 10:00	1439	0
226615	4/8/2023 10:00	4/9/2023 10:00	1439	0
705447	4/8/2023 10:00	4/9/2023 10:00	1439	0
2032900	4/8/2023 10:00	4/8/2023 15:05	305	0.23
324045	4/8/2023 10:00	4/9/2023 10:00	1439	0

169731	4/8/2023 10:00	4/9/2023 10:00	1439	0
610737	4/8/2023 10:00	4/9/2023 10:00	1439	0
8668965	4/8/2023 10:00	4/9/2023 10:00	1439	0
264186	4/8/2023 10:00	4/9/2023 10:00	1439	0
1393633	4/8/2023 10:00	4/8/2023 11:44	104	0
972377	4/8/2023 10:00	4/8/2023 14:58	298	0
1538577	4/8/2023 10:00	4/8/2023 13:43	223	0
564357	4/8/2023 10:00	4/9/2023 10:00	1439	0
569420	4/8/2023 10:00	4/9/2023 1:04	904	0.01
564518	4/8/2023 10:00	4/8/2023 13:54	234	0
573677	4/8/2023 10:00	4/9/2023 10:00	1439	0
1511251	4/8/2023 10:00	4/8/2023 14:28	268	0
396857	4/8/2023 10:00	4/9/2023 10:00	1439	0
1435127	4/8/2023 10:00	4/8/2023 16:45	405	0
224479	4/8/2023 10:00	4/9/2023 10:00	1439	0
1431752	4/8/2023 10:00	4/8/2023 11:34	94	0
1557303	4/8/2023 10:00	4/9/2023 10:00	1439	0.34
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8627374	4/8/2023 10:00	4/9/2023 10:00	1439	0
1638308	4/8/2023 10:17	4/9/2023 10:00	1422	0.09
1434359	4/8/2023 11:33	4/8/2023 22:32	659	0
1431752	4/8/2023 11:34	4/9/2023 1:54	860	0
1362855	4/8/2023 11:41	4/8/2023 20:59	558	0.05
1393633	4/8/2023 11:44	4/8/2023 11:45	1	0
1393633	4/8/2023 11:45	4/8/2023 14:24	159	0
572882	4/8/2023 12:27	4/8/2023 22:10	583	0.09
587455	4/8/2023 12:38	4/8/2023 23:38	660	0
1538577	4/8/2023 13:43	4/8/2023 13:59	16	0
564518	4/8/2023 13:54	4/8/2023 14:13	19	0
8068454	4/8/2023 13:54	4/9/2023 1:52	718	0
1538577	4/8/2023 13:59	4/8/2023 16:43	164	0
51483	4/8/2023 14:01	4/9/2023 1:00	659	0
325050	4/8/2023 14:09	4/8/2023 14:14	5	0
564518	4/8/2023 14:13	4/8/2023 18:14	241	0
325050	4/8/2023 14:14	4/8/2023 17:29	195	0
1527339	4/8/2023 14:19	4/9/2023 0:28	609	0
1393633	4/8/2023 14:24	4/8/2023 22:03	459	0
1511251	4/8/2023 14:28	4/8/2023 14:37	9	0
1511251	4/8/2023 14:37	4/8/2023 17:08	151	0
572990	4/8/2023 14:39	4/9/2023 1:10	631	0
1435531	4/8/2023 14:40	4/8/2023 18:00	200	0
1299402	4/8/2023 14:54	4/8/2023 20:53	359	0
972377	4/8/2023 14:58	4/8/2023 21:16	378	0
1309133	4/8/2023 15:01	4/9/2023 10:00	1138	0
507365	4/8/2023 15:03	4/8/2023 15:22	19	0
2032900	4/8/2023 15:05	4/8/2023 15:07	2	0
2032900	4/8/2023 15:07	4/8/2023 16:45	98	0

507365	4/8/2023 15:22	4/8/2023 15:43	21	0
507365	4/8/2023 15:43	4/8/2023 21:21	338	0
1538577	4/8/2023 16:43	4/8/2023 20:03	200	0
1704326	4/8/2023 16:43	4/9/2023 10:00	1036	0
2032900	4/8/2023 16:45	4/9/2023 0:28	463	0
1435127	4/8/2023 16:45	4/9/2023 0:29	464	0
1511251	4/8/2023 17:08	4/8/2023 20:31	203	0
1503562	4/8/2023 17:27	4/9/2023 10:00	992	0
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1299402	4/8/2023 20:53	4/9/2023 0:28	215	0
1362855	4/8/2023 20:59	4/9/2023 10:00	780	0.09
972377	4/8/2023 21:16	4/9/2023 10:00	763	0
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1393633	4/8/2023 22:03	4/9/2023 10:00	716	0
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587455	4/8/2023 23:38	4/9/2023 10:00	621	0
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2032900	4/9/2023 0:28	4/9/2023 10:00	571	0
1299402	4/9/2023 0:28	4/9/2023 0:33	5	0
1527339	4/9/2023 0:28	4/9/2023 10:00	571	0
1435127	4/9/2023 0:29	4/9/2023 10:00	570	0
1299402	4/9/2023 0:33	4/9/2023 10:00	566	0
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51483	4/9/2023 1:00	4/9/2023 10:00	539	0
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1362855	4/9/2023 10:00	4/10/2023 10:00	1439	0.18
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572990	4/9/2023 10:00	4/10/2023 10:00	1439	0
1538195	4/9/2023 10:00	4/10/2023 10:00	1439	0
1299402	4/9/2023 10:00	4/10/2023 10:00	1439	0
637185	4/9/2023 10:00	4/10/2023 10:00	1439	0
587455	4/9/2023 10:00	4/10/2023 10:00	1439	0
2032900	4/9/2023 10:00	4/9/2023 15:25	325	0.33
1527339	4/9/2023 10:00	4/10/2023 10:00	1439	0
1704326	4/9/2023 10:00	4/10/2023 10:00	1439	1.55
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564357	4/9/2023 10:00	4/10/2023 10:00	1439	0
573677	4/9/2023 10:00	4/9/2023 13:57	237	0
1511251	4/9/2023 10:00	4/9/2023 13:38	218	0
705447	4/9/2023 10:00	4/10/2023 10:00	1439	0
51483	4/9/2023 10:00	4/9/2023 13:31	211	0.06
1393633	4/9/2023 10:00	4/10/2023 10:00	1439	0
1435127	4/9/2023 10:00	4/9/2023 13:13	193	0
325050	4/9/2023 10:00	4/9/2023 11:36	96	0
345647	4/9/2023 10:00	4/9/2023 13:16	196	0
1434359	4/9/2023 10:00	4/9/2023 11:36	96	0.12
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1351069	4/9/2023 10:00	4/10/2023 10:00	1439	0
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396857	4/9/2023 10:05	4/10/2023 10:00	1434	0
507365	4/9/2023 10:07	4/9/2023 14:18	251	0
972377	4/9/2023 10:09	4/9/2023 13:58	229	0
1320619	4/9/2023 11:35	4/9/2023 23:39	724	0
1434359	4/9/2023 11:36	4/9/2023 11:43	7	0.07
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1434359	4/9/2023 11:43	4/9/2023 13:56	133	0.05

8737379	4/9/2023 11:58	4/10/2023 10:00	1321	0
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1435127	4/9/2023 13:13	4/9/2023 13:28	15	0
345647	4/9/2023 13:16	4/9/2023 13:36	20	0
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8068454	4/9/2023 13:31	4/9/2023 16:12	161	0
51483	4/9/2023 13:31	4/9/2023 13:38	7	0
345647	4/9/2023 13:36	4/9/2023 16:16	160	0
572882	4/9/2023 13:36	4/9/2023 21:08	452	1.57
298846	4/9/2023 13:38	4/10/2023 2:16	758	0.07
1511251	4/9/2023 13:38	4/9/2023 13:52	14	0
51483	4/9/2023 13:38	4/9/2023 16:11	153	0
1435531	4/9/2023 13:43	4/9/2023 13:58	15	0
1404235	4/9/2023 13:43	4/10/2023 1:12	689	0
8627374	4/9/2023 13:52	4/10/2023 0:28	636	0
1511251	4/9/2023 13:52	4/9/2023 15:58	126	0
1434359	4/9/2023 13:56	4/9/2023 21:56	480	0
573677	4/9/2023 13:57	4/9/2023 14:09	12	0
1435531	4/9/2023 13:58	4/9/2023 16:43	165	0
972377	4/9/2023 13:58	4/9/2023 20:16	378	0
1407232	4/9/2023 14:09	4/10/2023 10:00	1190	0
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8766703	4/9/2023 14:13	4/10/2023 0:28	615	0
507365	4/9/2023 14:18	4/9/2023 14:27	9	0
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507365	4/9/2023 14:38	4/10/2023 0:28	590	0
315752	4/9/2023 14:54	4/10/2023 0:03	549	0
2032900	4/9/2023 15:25	4/10/2023 0:28	543	0
1557188	4/9/2023 15:31	4/9/2023 15:46	15	0
1538577	4/9/2023 15:38	4/10/2023 0:28	530	0
1557188	4/9/2023 15:46	4/9/2023 16:51	65	0
1437071	4/9/2023 15:49	4/10/2023 0:26	517	0
1435127	4/9/2023 15:53	4/10/2023 1:32	579	0
573677	4/9/2023 15:57	4/10/2023 0:28	511	0
1511251	4/9/2023 15:58	4/10/2023 0:28	510	0
51483	4/9/2023 16:11	4/10/2023 0:28	497	0
8068454	4/9/2023 16:12	4/9/2023 16:32	20	0
1557676	4/9/2023 16:13	4/10/2023 10:00	1066	0
345647	4/9/2023 16:16	4/9/2023 16:36	20	0
8068454	4/9/2023 16:32	4/9/2023 17:12	40	0
564518	4/9/2023 16:34	4/9/2023 16:35	1	0

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345647	4/9/2023 16:36	4/9/2023 17:16	40	0
313011	4/9/2023 16:39	4/10/2023 0:50	491	0
434335	4/9/2023 16:41	4/10/2023 0:28	467	0
1435531	4/9/2023 16:43	4/9/2023 16:58	15	0
1557188	4/9/2023 16:51	4/10/2023 0:20	449	0
1435531	4/9/2023 16:58	4/9/2023 17:03	5	0
1435531	4/9/2023 17:03	4/10/2023 0:42	459	0
8068454	4/9/2023 17:12	4/10/2023 0:51	459	0
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345647	4/9/2023 17:16	4/10/2023 0:51	455	0
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6564583	4/9/2023 17:23	4/10/2023 10:00	996	0
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972377	4/9/2023 20:16	4/10/2023 10:00	823	0
572882	4/9/2023 21:08	4/10/2023 10:00	771	0
1434359	4/9/2023 21:56	4/10/2023 10:00	723	0
1320619	4/9/2023 23:39	4/10/2023 0:28	49	0
315752	4/10/2023 0:03	4/10/2023 0:28	25	0
1557188	4/10/2023 0:20	4/10/2023 10:00	579	0
1437071	4/10/2023 0:26	4/10/2023 10:00	573	0
2032900	4/10/2023 0:28	4/10/2023 10:00	571	0
573677	4/10/2023 0:28	4/10/2023 10:00	571	0
8766703	4/10/2023 0:28	4/10/2023 10:00	571	0
315752	4/10/2023 0:28	4/10/2023 4:43	255	0
507365	4/10/2023 0:28	4/10/2023 10:00	571	0
1538577	4/10/2023 0:28	4/10/2023 10:00	571	0
1320619	4/10/2023 0:28	4/10/2023 0:59	31	0
1511251	4/10/2023 0:28	4/10/2023 10:00	571	0
8627374	4/10/2023 0:28	4/10/2023 10:00	571	0
51483	4/10/2023 0:28	4/10/2023 10:00	571	0
434335	4/10/2023 0:28	4/10/2023 10:00	571	0
1435531	4/10/2023 0:42	4/10/2023 10:00	557	0
313011	4/10/2023 0:50	4/10/2023 10:00	549	0
8068454	4/10/2023 0:51	4/10/2023 10:00	548	0
345647	4/10/2023 0:51	4/10/2023 10:00	548	0
1320619	4/10/2023 0:59	4/10/2023 10:00	540	0
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315708	4/10/2023 1:18	4/10/2023 1:32	14	0
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1435127	4/10/2023 1:32	4/10/2023 1:33	1	0
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325050	4/10/2023 1:36	4/10/2023 1:40	4	0
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325050	4/10/2023 1:40	4/10/2023 2:56	76	0

8668965	4/10/2023 1:46	4/10/2023 2:05	19	0
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8668965	4/10/2023 2:05	4/10/2023 2:50	45	0
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8668965	4/10/2023 2:50	4/10/2023 10:00	429	0
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564518	4/10/2023 2:57	4/10/2023 10:00	422	0
571420	4/10/2023 3:01	4/10/2023 10:00	418	0
315708	4/10/2023 4:18	4/10/2023 10:00	341	0
315752	4/10/2023 4:43	4/10/2023 10:00	316	0
1435127	4/10/2023 4:52	4/10/2023 10:00	307	0
572882	4/10/2023 10:00	4/11/2023 0:24	864	0.03
313011	4/10/2023 10:00	4/11/2023 1:51	951	0
433752	4/10/2023 10:00	4/11/2023 10:00	1439	0
572990	4/10/2023 10:00	4/11/2023 10:00	1439	0
345427	4/10/2023 10:00	4/11/2023 10:00	1439	0
1309133	4/10/2023 10:00	4/11/2023 10:00	1439	1.19
972377	4/10/2023 10:00	4/10/2023 11:59	119	0
1404235	4/10/2023 10:00	4/11/2023 10:00	1439	0
315708	4/10/2023 10:00	4/11/2023 10:00	1439	0.51
8766703	4/10/2023 10:00	4/11/2023 10:00	1439	0
6564583	4/10/2023 10:00	4/11/2023 10:00	1439	0
1511251	4/10/2023 10:00	4/11/2023 10:00	1439	0
46184	4/10/2023 10:00	4/11/2023 10:00	1439	0
1557188	4/10/2023 10:00	4/11/2023 0:43	883	0
1407232	4/10/2023 10:00	4/11/2023 10:00	1439	0.02
705447	4/10/2023 10:00	4/11/2023 10:00	1439	0
2032900	4/10/2023 10:00	4/11/2023 3:14	1034	0.69
51483	4/10/2023 10:00	4/10/2023 12:05	125	0.32
573677	4/10/2023 10:00	4/11/2023 2:07	967	0
396857	4/10/2023 10:00	4/11/2023 10:00	1439	0
507365	4/10/2023 10:00	4/10/2023 11:51	111	0
571420	4/10/2023 10:00	4/11/2023 2:21	981	0
8627374	4/10/2023 10:00	4/11/2023 10:00	1439	0
1434359	4/10/2023 10:00	4/11/2023 10:00	1439	0.12
264186	4/10/2023 10:00	4/11/2023 10:00	1439	0
564518	4/10/2023 10:00	4/10/2023 11:47	107	0
1320619	4/10/2023 10:00	4/11/2023 10:00	1439	0
1437071	4/10/2023 10:00	4/11/2023 10:00	1439	0
1557676	4/10/2023 10:00	4/11/2023 10:00	1439	0.27
1399784	4/10/2023 10:05	4/11/2023 10:00	1434	0
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1539692	4/10/2023 11:44	4/11/2023 1:24	820	0.93
1539469	4/10/2023 11:47	4/11/2023 3:09	922	0
564518	4/10/2023 11:47	4/11/2023 1:35	828	0
1538577	4/10/2023 11:50	4/11/2023 1:23	813	0

345647	4/10/2023 11:50	4/11/2023 0:28	758	0
507365	4/10/2023 11:51	4/10/2023 20:32	521	0
1393633	4/10/2023 11:51	4/10/2023 23:37	706	0
325050	4/10/2023 11:51	4/11/2023 1:40	829	0
8668965	4/10/2023 11:58	4/11/2023 1:59	841	0.09
972377	4/10/2023 11:59	4/10/2023 20:33	514	0
8737379	4/10/2023 12:03	4/11/2023 1:34	811	0
6761269	4/10/2023 12:03	4/11/2023 0:28	745	0
51483	4/10/2023 12:05	4/11/2023 1:53	828	2.38
680322	4/10/2023 12:54	4/11/2023 1:01	727	0
1351069	4/10/2023 13:13	4/11/2023 1:08	715	0
224479	4/10/2023 16:25	4/11/2023 10:00	1054	0
224176	4/10/2023 16:29	4/11/2023 10:00	1050	0
1362855	4/10/2023 17:37	4/10/2023 23:23	346	0
265473	4/10/2023 17:53	4/10/2023 23:49	356	0
903630	4/10/2023 18:44	4/11/2023 10:00	915	0
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561672	4/10/2023 19:40	4/11/2023 1:32	352	0
169731	4/10/2023 19:45	4/11/2023 10:00	854	0
298846	4/10/2023 19:45	4/11/2023 10:00	854	0
507365	4/10/2023 20:32	4/11/2023 10:00	807	0
972377	4/10/2023 20:33	4/11/2023 0:28	235	0
1362855	4/10/2023 23:23	4/11/2023 0:28	65	0
1393633	4/10/2023 23:37	4/11/2023 0:28	51	0
265473	4/10/2023 23:49	4/11/2023 0:28	39	0
572882	4/11/2023 0:24	4/11/2023 0:29	5	0
972377	4/11/2023 0:28	4/11/2023 2:33	125	0
1393633	4/11/2023 0:28	4/11/2023 3:17	169	0
265473	4/11/2023 0:28	4/11/2023 3:09	161	0
1362855	4/11/2023 0:28	4/11/2023 0:45	17	0
345647	4/11/2023 0:28	4/11/2023 10:00	571	0
6761269	4/11/2023 0:28	4/11/2023 10:00	571	0
572882	4/11/2023 0:29	4/11/2023 3:04	155	0
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1362855	4/11/2023 0:45	4/11/2023 10:00	554	0
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680322	4/11/2023 1:01	4/11/2023 1:17	16	0
1351069	4/11/2023 1:08	4/11/2023 1:22	14	0
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680322	4/11/2023 1:17	4/11/2023 3:01	104	0
1538398	4/11/2023 1:19	4/11/2023 3:13	114	0
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1539692	4/11/2023 1:24	4/11/2023 1:34	10	0
1509487	4/11/2023 1:25	4/11/2023 1:38	13	0

561672	4/11/2023 1:32	4/11/2023 1:51	19	0
8737379	4/11/2023 1:34	4/11/2023 10:00	505	0
1539692	4/11/2023 1:34	4/11/2023 3:04	90	0
564518	4/11/2023 1:35	4/11/2023 1:49	14	0
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8668965	4/11/2023 1:59	4/11/2023 2:17	18	0
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680322	4/11/2023 3:01	4/11/2023 10:00	418	0
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265473	4/11/2023 3:09	4/11/2023 10:00	410	0
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972377	4/11/2023 3:13	4/11/2023 10:00	406	0
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51483	4/11/2023 10:00	4/11/2023 13:40	220	1.19
298846	4/11/2023 10:00	4/12/2023 10:00	1439	0.01
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1538398	4/11/2023 10:00	4/12/2023 1:18	918	0
224176	4/11/2023 10:00	4/12/2023 10:00	1439	0
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564357	4/11/2023 10:00	4/12/2023 10:00	1439	0
325050	4/11/2023 10:00	4/11/2023 13:33	213	0
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265473	4/11/2023 10:00	4/12/2023 10:00	1439	0
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46184	4/11/2023 10:00	4/12/2023 10:00	1439	0
313011	4/11/2023 10:00	4/12/2023 1:48	948	0
8737379	4/11/2023 10:00	4/12/2023 8:09	1329	0
6761269	4/11/2023 10:00	4/12/2023 10:00	1439	0
315708	4/11/2023 10:00	4/12/2023 10:00	1439	1.12
561672	4/11/2023 10:00	4/12/2023 1:45	945	0
680322	4/11/2023 10:00	4/12/2023 10:00	1439	0
705447	4/11/2023 10:00	4/12/2023 10:00	1439	0
345647	4/11/2023 10:00	4/11/2023 12:13	133	0
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1539692	4/11/2023 10:00	4/12/2023 10:00	1439	0
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1393633	4/11/2023 10:00	4/12/2023 10:00	1439	0
1539469	4/11/2023 10:00	4/11/2023 23:43	823	0
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345647	4/11/2023 12:13	4/12/2023 1:43	810	0
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315604	4/11/2023 13:44	4/12/2023 1:47	723	0.02
325050	4/11/2023 13:52	4/11/2023 17:33	221	0
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224479	4/11/2023 13:59	4/11/2023 14:06	7	0.14
224479	4/11/2023 14:06	4/11/2023 14:39	33	0
1401185	4/11/2023 14:07	4/12/2023 2:25	738	0
224479	4/11/2023 14:39	4/12/2023 1:58	679	0
226615	4/11/2023 16:02	4/12/2023 0:28	506	0
325050	4/11/2023 17:33	4/12/2023 1:13	460	0
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1324274	4/11/2023 18:24	4/12/2023 1:00	396	0
1356945	4/11/2023 18:30	4/12/2023 1:15	405	0
1437071	4/11/2023 18:37	4/12/2023 1:02	385	0
324045	4/11/2023 19:14	4/12/2023 0:29	315	0
506261	4/11/2023 19:20	4/12/2023 1:20	360	0
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1415622	4/11/2023 19:50	4/12/2023 10:00	849	0
572990	4/11/2023 20:26	4/12/2023 0:28	242	0
507365	4/11/2023 20:44	4/12/2023 10:00	795	0
1539469	4/11/2023 23:43	4/12/2023 0:28	45	0
572882	4/12/2023 0:22	4/12/2023 0:32	10	0
572990	4/12/2023 0:28	4/12/2023 2:06	98	0
51483	4/12/2023 0:28	4/12/2023 10:00	571	0
1527339	4/12/2023 0:28	4/12/2023 10:00	571	0
1539469	4/12/2023 0:28	4/12/2023 2:03	95	0
1417279	4/12/2023 0:28	4/12/2023 2:17	109	0
226615	4/12/2023 0:28	4/12/2023 10:00	571	0
324045	4/12/2023 0:29	4/12/2023 10:00	570	0
572882	4/12/2023 0:32	4/12/2023 2:02	90	0
1557188	4/12/2023 0:52	4/12/2023 0:59	7	0
1704326	4/12/2023 0:59	4/12/2023 1:00	1	0
1557188	4/12/2023 0:59	4/12/2023 2:12	73	0
1324274	4/12/2023 1:00	4/12/2023 1:19	19	0
1704326	4/12/2023 1:00	4/12/2023 1:39	39	0
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1356945	4/12/2023 1:17	4/12/2023 2:15	58	0
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1324274	4/12/2023 1:19	4/12/2023 2:00	41	0
315484	4/12/2023 1:19	4/12/2023 1:31	12	0
506261	4/12/2023 1:20	4/12/2023 1:26	6	0
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506261	4/12/2023 1:26	4/12/2023 4:10	164	0

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1538195	4/12/2023 1:37	4/12/2023 1:39	2	0
1538195	4/12/2023 1:39	4/12/2023 2:17	38	0
1704326	4/12/2023 1:39	4/12/2023 10:00	500	0
345647	4/12/2023 1:43	4/12/2023 1:56	13	0
1538577	4/12/2023 1:43	4/12/2023 2:13	30	0
561672	4/12/2023 1:45	4/12/2023 1:57	12	0
315604	4/12/2023 1:47	4/12/2023 2:02	15	0
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1464949	4/12/2023 1:54	4/12/2023 3:11	77	0
345647	4/12/2023 1:56	4/12/2023 3:10	74	0
561672	4/12/2023 1:57	4/12/2023 2:05	8	0
224479	4/12/2023 1:58	4/12/2023 2:10	12	0
1324274	4/12/2023 2:00	4/12/2023 10:00	479	0
315604	4/12/2023 2:02	4/12/2023 2:07	5	0
572882	4/12/2023 2:02	4/12/2023 10:00	477	0
313011	4/12/2023 2:03	4/12/2023 2:08	5	0
1539469	4/12/2023 2:03	4/12/2023 10:00	476	0
561672	4/12/2023 2:05	4/12/2023 10:00	474	0
572990	4/12/2023 2:06	4/12/2023 10:00	473	0
315604	4/12/2023 2:07	4/12/2023 10:00	472	0
313011	4/12/2023 2:08	4/12/2023 10:00	471	0
224479	4/12/2023 2:10	4/12/2023 3:18	68	0
1557188	4/12/2023 2:12	4/12/2023 10:00	467	0
1538577	4/12/2023 2:13	4/12/2023 10:00	466	0
1356945	4/12/2023 2:15	4/12/2023 10:00	464	0
1417279	4/12/2023 2:17	4/12/2023 2:30	13	0
1538195	4/12/2023 2:17	4/12/2023 10:00	462	0
2032900	4/12/2023 2:18	4/12/2023 10:00	461	0
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1401185	4/12/2023 2:25	4/12/2023 10:00	454	0
1417279	4/12/2023 2:30	4/12/2023 4:17	107	0
345647	4/12/2023 3:10	4/12/2023 10:00	409	0
1464949	4/12/2023 3:11	4/12/2023 10:00	408	0
224479	4/12/2023 3:18	4/12/2023 10:00	401	0
506261	4/12/2023 4:10	4/12/2023 10:00	349	0
315484	4/12/2023 4:10	4/12/2023 10:00	349	0
1538398	4/12/2023 4:10	4/12/2023 10:00	349	0
1417279	4/12/2023 4:17	4/12/2023 10:00	342	0
8737379	4/12/2023 8:09	4/12/2023 8:26	17	0
8737379	4/12/2023 8:26	4/12/2023 8:34	8	0
8737379	4/12/2023 8:34	4/12/2023 10:00	85	0
1415622	4/12/2023 10:00	4/13/2023 10:00	1439	0.02
226615	4/12/2023 10:00	4/13/2023 10:00	1439	0

315604	4/12/2023 10:00	4/12/2023 14:03	243	0.92
298846	4/12/2023 10:00	4/13/2023 10:00	1439	0
1538195	4/12/2023 10:00	4/13/2023 10:00	1439	0
1538398	4/12/2023 10:00	4/12/2023 16:12	372	0
46184	4/12/2023 10:00	4/13/2023 10:00	1439	0
1539469	4/12/2023 10:00	4/13/2023 10:00	1439	0
572882	4/12/2023 10:00	4/12/2023 11:44	104	0.48
1324274	4/12/2023 10:00	4/13/2023 10:00	1439	0
1527339	4/12/2023 10:00	4/13/2023 10:00	1439	0
345647	4/12/2023 10:00	4/13/2023 0:28	868	0
315484	4/12/2023 10:00	4/13/2023 10:00	1439	0
1394543	4/12/2023 10:00	4/13/2023 10:00	1439	0
51483	4/12/2023 10:00	4/13/2023 10:00	1439	0.07
564357	4/12/2023 10:00	4/13/2023 10:00	1439	0
1538577	4/12/2023 10:00	4/12/2023 11:05	65	0
506261	4/12/2023 10:00	4/13/2023 10:00	1439	0.36
324045	4/12/2023 10:00	4/13/2023 0:28	868	0
561672	4/12/2023 10:00	4/13/2023 10:00	1439	0
313011	4/12/2023 10:00	4/12/2023 11:50	110	0
315708	4/12/2023 10:00	4/13/2023 0:28	868	0.14
396857	4/12/2023 10:00	4/13/2023 10:00	1439	0
1356945	4/12/2023 10:00	4/13/2023 0:28	868	0
1464949	4/12/2023 10:00	4/13/2023 10:00	1439	0
264186	4/12/2023 10:00	4/13/2023 10:00	1439	0
705447	4/12/2023 10:00	4/13/2023 10:00	1439	0
1417279	4/12/2023 10:00	4/12/2023 11:53	113	0
224479	4/12/2023 10:00	4/13/2023 10:00	1439	0.84
1704326	4/12/2023 10:00	4/13/2023 10:00	1439	0.01
507365	4/12/2023 10:00	4/12/2023 15:01	301	0
637185	4/12/2023 10:00	4/13/2023 10:00	1439	0
325050	4/12/2023 10:00	4/12/2023 13:43	223	0
572990	4/12/2023 10:00	4/13/2023 10:00	1439	0
1538577	4/12/2023 11:05	4/13/2023 0:28	803	0
1362855	4/12/2023 11:38	4/12/2023 22:36	658	0.1
572882	4/12/2023 11:44	4/12/2023 22:36	652	0.69
313011	4/12/2023 11:50	4/13/2023 0:28	758	0
1417279	4/12/2023 11:53	4/13/2023 0:57	784	0
1557188	4/12/2023 12:48	4/13/2023 0:28	700	0
568157	4/12/2023 13:19	4/13/2023 0:28	669	0
1509487	4/12/2023 13:37	4/13/2023 0:28	651	0
325050	4/12/2023 13:43	4/12/2023 14:02	19	0
564518	4/12/2023 13:56	4/13/2023 0:28	632	0
325050	4/12/2023 14:02	4/12/2023 16:23	141	0
315604	4/12/2023 14:03	4/12/2023 14:08	5	0
315604	4/12/2023 14:08	4/12/2023 17:23	195	0
1299402	4/12/2023 14:26	4/12/2023 20:30	364	0
571420	4/12/2023 14:41	4/13/2023 0:28	587	0

2032900	4/12/2023 14:44	4/12/2023 20:46	362	0
507365	4/12/2023 15:01	4/12/2023 15:04	3	0
507365	4/12/2023 15:04	4/12/2023 17:20	136	0
1378141	4/12/2023 15:29	4/13/2023 0:28	539	0
1538398	4/12/2023 16:12	4/13/2023 0:28	496	0
325050	4/12/2023 16:23	4/13/2023 0:28	485	0
507365	4/12/2023 17:20	4/12/2023 21:00	220	0
561757	4/12/2023 17:21	4/13/2023 10:00	998	0
381338	4/12/2023 17:21	4/13/2023 0:28	427	0
569420	4/12/2023 17:22	4/13/2023 0:28	426	0
315604	4/12/2023 17:23	4/13/2023 0:28	425	0
1299402	4/12/2023 20:30	4/13/2023 10:00	809	0
2032900	4/12/2023 20:46	4/13/2023 10:00	793	0
507365	4/12/2023 21:00	4/13/2023 10:00	779	0
1362855	4/12/2023 22:36	4/13/2023 10:00	683	0
572882	4/12/2023 22:36	4/13/2023 10:00	683	0
315708	4/13/2023 0:28	4/13/2023 10:00	571	0
1356945	4/13/2023 0:28	4/13/2023 10:00	571	0
324045	4/13/2023 0:28	4/13/2023 10:00	571	0
1538398	4/13/2023 0:28	4/13/2023 10:00	571	0
313011	4/13/2023 0:28	4/13/2023 10:00	571	0
564518	4/13/2023 0:28	4/13/2023 10:00	571	0
1509487	4/13/2023 0:28	4/13/2023 10:00	571	0
571420	4/13/2023 0:28	4/13/2023 10:00	571	0
1378141	4/13/2023 0:28	4/13/2023 10:00	571	0
345647	4/13/2023 0:28	4/13/2023 10:00	571	0
1557188	4/13/2023 0:28	4/13/2023 10:00	571	0
568157	4/13/2023 0:28	4/13/2023 10:00	571	0
1538577	4/13/2023 0:28	4/13/2023 10:00	571	0
315604	4/13/2023 0:28	4/13/2023 10:00	571	0
325050	4/13/2023 0:28	4/13/2023 10:00	571	0
381338	4/13/2023 0:28	4/13/2023 10:00	571	0
569420	4/13/2023 0:28	4/13/2023 10:00	571	0
1417279	4/13/2023 0:57	4/13/2023 10:00	542	0
1538398	4/13/2023 10:00	4/14/2023 10:00	1439	0
1299402	4/13/2023 10:00	4/14/2023 10:00	1439	0
1362855	4/13/2023 10:00	4/14/2023 10:00	1439	0
1356945	4/13/2023 10:00	4/14/2023 10:00	1439	0
315604	4/13/2023 10:00	4/14/2023 10:00	1439	0.06
1539469	4/13/2023 10:00	4/14/2023 10:00	1439	0
325050	4/13/2023 10:00	4/14/2023 10:00	1439	0
572882	4/13/2023 10:00	4/14/2023 10:00	1439	0.01
315708	4/13/2023 10:00	4/14/2023 10:00	1439	1.04
1378141	4/13/2023 10:00	4/14/2023 10:00	1439	0.01
564518	4/13/2023 10:00	4/14/2023 10:00	1439	0
381338	4/13/2023 10:00	4/14/2023 10:00	1439	0
226615	4/13/2023 10:00	4/14/2023 10:00	1439	0

561757	4/13/2023 10:00	4/14/2023 10:00	1439	0
46184	4/13/2023 10:00	4/14/2023 10:00	1439	0
637185	4/13/2023 10:00	4/14/2023 10:00	1439	0
1417279	4/13/2023 10:00	4/14/2023 10:00	1439	0
507365	4/13/2023 10:00	4/14/2023 10:00	1439	0
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1509487	4/13/2023 10:00	4/14/2023 10:00	1439	0
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324045	4/13/2023 10:00	4/14/2023 10:00	1439	0
564357	4/13/2023 10:00	4/14/2023 10:00	1439	0
2032900	4/13/2023 10:00	4/14/2023 10:00	1439	0
1538577	4/13/2023 10:00	4/14/2023 10:00	1439	0
264186	4/13/2023 10:00	4/14/2023 10:00	1439	0
1394543	4/13/2023 10:00	4/14/2023 10:00	1439	0
572990	4/13/2023 10:00	4/14/2023 10:00	1439	0
568157	4/13/2023 10:00	4/14/2023 10:00	1439	0
1557188	4/13/2023 10:00	4/14/2023 10:00	1439	0
313011	4/13/2023 10:00	4/14/2023 10:00	1439	0
345647	4/13/2023 19:14	4/14/2023 10:00	885	0
264186	4/14/2023 10:00	4/15/2023 10:00	1439	0
46184	4/14/2023 10:00	4/15/2023 10:00	1439	0
637185	4/14/2023 10:00	4/15/2023 10:00	1439	0
564357	4/14/2023 10:00	4/15/2023 10:00	1439	0
705447	4/14/2023 10:00	4/15/2023 10:00	1439	0
1557303	4/14/2023 10:34	4/15/2023 2:18	944	0.08
1538577	4/14/2023 10:40	4/15/2023 2:00	920	0
2032900	4/14/2023 10:40	4/14/2023 20:59	619	0
572882	4/14/2023 12:35	4/15/2023 0:33	718	0.83
324045	4/14/2023 12:51	4/15/2023 1:46	775	0
1557188	4/14/2023 12:52	4/15/2023 1:10	738	0
325050	4/14/2023 13:03	4/15/2023 2:21	798	0
1356945	4/14/2023 13:30	4/15/2023 1:29	719	0
1538195	4/14/2023 13:46	4/15/2023 0:29	643	0
1417279	4/14/2023 13:54	4/15/2023 0:28	634	0.42
315604	4/14/2023 14:03	4/15/2023 2:22	739	0.03
313011	4/14/2023 14:21	4/15/2023 2:19	718	0
507365	4/14/2023 15:22	4/14/2023 21:24	362	0
572990	4/14/2023 15:53	4/15/2023 10:00	1086	0
573677	4/14/2023 16:02	4/15/2023 10:00	1077	0
1599629	4/14/2023 16:07	4/15/2023 10:00	1072	0
1600016	4/14/2023 16:20	4/15/2023 10:00	1059	0
1602508	4/14/2023 17:44	4/15/2023 10:00	975	0
2032900	4/14/2023 20:59	4/15/2023 0:28	209	0
507365	4/14/2023 21:24	4/15/2023 0:28	184	0
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507365	4/15/2023 0:28	4/15/2023 3:02	154	0
2032900	4/15/2023 0:28	4/15/2023 2:39	131	0

1538195	4/15/2023 0:29	4/15/2023 10:00	570	0
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572882	4/15/2023 0:43	4/15/2023 2:33	110	0
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1356945	4/15/2023 1:36	4/15/2023 2:49	73	0
324045	4/15/2023 1:46	4/15/2023 1:52	6	0
324045	4/15/2023 1:52	4/15/2023 2:46	54	0
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315604	4/15/2023 2:29	4/15/2023 2:42	13	0
313011	4/15/2023 2:30	4/15/2023 2:39	9	0
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313011	4/15/2023 2:39	4/15/2023 10:00	440	0
2032900	4/15/2023 2:39	4/15/2023 10:00	440	0
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315604	4/15/2023 2:42	4/15/2023 10:00	437	0
324045	4/15/2023 2:46	4/15/2023 10:00	433	0
1356945	4/15/2023 2:49	4/15/2023 10:00	430	0
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325050	4/15/2023 3:01	4/15/2023 10:00	418	0
507365	4/15/2023 3:02	4/15/2023 10:00	417	0
507365	4/15/2023 10:00	4/16/2023 10:00	1439	0
1538195	4/15/2023 10:00	4/16/2023 10:00	1439	0
637185	4/15/2023 10:00	4/16/2023 10:00	1439	0
264186	4/15/2023 10:00	4/16/2023 10:00	1439	0
325050	4/15/2023 10:00	4/16/2023 10:00	1439	0
572882	4/15/2023 10:00	4/16/2023 10:00	1439	0
46184	4/15/2023 10:00	4/16/2023 10:00	1439	0
705447	4/15/2023 10:00	4/16/2023 10:00	1439	0
564357	4/15/2023 10:00	4/16/2023 10:00	1439	0
46184	4/16/2023 10:00	4/17/2023 10:00	1439	0
264186	4/16/2023 10:00	4/17/2023 10:00	1439	0
705447	4/16/2023 10:00	4/17/2023 10:00	1439	0
637185	4/16/2023 10:00	4/17/2023 10:00	1439	0
564357	4/16/2023 10:00	4/17/2023 10:00	1439	0
264186	4/17/2023 10:00	4/18/2023 10:00	1439	0
705447	4/17/2023 10:00	4/18/2023 10:00	1439	0
564357	4/17/2023 10:00	4/18/2023 10:00	1439	0

637185	4/17/2023 10:00	4/18/2023 10:00	1439	0
572990	4/17/2023 10:15	4/18/2023 10:00	1424	0
1511251	4/17/2023 10:15	4/17/2023 20:08	593	0
680322	4/17/2023 11:22	4/18/2023 0:43	801	0
1538577	4/17/2023 13:16	4/18/2023 1:36	740	0.14
325050	4/17/2023 13:35	4/18/2023 1:35	720	0
1020274	4/17/2023 14:29	4/17/2023 20:52	383	0.2
507365	4/17/2023 14:29	4/18/2023 1:19	650	0
903630	4/17/2023 17:52	4/18/2023 1:33	461	0
313011	4/17/2023 17:53	4/18/2023 1:29	456	0
1435531	4/17/2023 17:54	4/18/2023 1:33	459	0
315604	4/17/2023 17:56	4/18/2023 1:23	447	0
313954	4/17/2023 18:16	4/18/2023 1:51	455	0
1511251	4/17/2023 20:08	4/18/2023 0:28	260	0
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1511251	4/18/2023 0:28	4/18/2023 1:28	60	0
680322	4/18/2023 0:43	4/18/2023 10:00	556	0
507365	4/18/2023 1:19	4/18/2023 10:00	520	0
315604	4/18/2023 1:23	4/18/2023 10:00	516	0
1511251	4/18/2023 1:28	4/18/2023 10:00	511	0
313011	4/18/2023 1:29	4/18/2023 10:00	510	0
903630	4/18/2023 1:33	4/18/2023 10:00	506	0
1435531	4/18/2023 1:33	4/18/2023 10:00	506	0
325050	4/18/2023 1:35	4/18/2023 10:00	504	0
1538577	4/18/2023 1:36	4/18/2023 10:00	503	0
313954	4/18/2023 1:51	4/18/2023 10:00	488	0
507365	4/18/2023 10:00	4/18/2023 13:33	213	0
1020274	4/18/2023 10:00	4/19/2023 10:00	1439	0
313954	4/18/2023 10:00	4/19/2023 10:00	1439	0.35
1538577	4/18/2023 10:00	4/18/2023 13:36	216	0
313011	4/18/2023 10:00	4/19/2023 10:00	1439	0
680322	4/18/2023 10:00	4/19/2023 10:00	1439	0
325050	4/18/2023 10:00	4/18/2023 13:36	216	0
264186	4/18/2023 10:00	4/19/2023 10:00	1439	0
903630	4/18/2023 10:00	4/18/2023 13:47	227	0
637185	4/18/2023 10:00	4/19/2023 10:00	1439	0
1435531	4/18/2023 10:00	4/19/2023 10:00	1439	0
705447	4/18/2023 10:00	4/19/2023 10:00	1439	0
564357	4/18/2023 10:00	4/19/2023 10:00	1439	0
1511251	4/18/2023 10:00	4/19/2023 10:00	1439	0
572990	4/18/2023 10:00	4/19/2023 10:00	1439	0
315604	4/18/2023 10:00	4/19/2023 5:17	1157	0.06
1343091	4/18/2023 11:15	4/19/2023 1:19	844	0.19
226615	4/18/2023 11:55	4/19/2023 10:00	1324	0
568157	4/18/2023 13:08	4/19/2023 10:00	1251	0
1356945	4/18/2023 13:12	4/19/2023 0:28	676	0
1538195	4/18/2023 13:19	4/19/2023 0:28	669	0

455629	4/18/2023 13:20	4/19/2023 0:28	668	0
7415418	4/18/2023 13:20	4/19/2023 5:54	994	0
224426	4/18/2023 13:31	4/19/2023 10:00	1228	0
8068454	4/18/2023 13:32	4/19/2023 0:28	656	0
507365	4/18/2023 13:33	4/19/2023 0:28	655	0
224479	4/18/2023 13:34	4/19/2023 10:00	1225	0.04
1538577	4/18/2023 13:36	4/19/2023 0:28	652	0
325050	4/18/2023 13:36	4/19/2023 3:56	860	0
564518	4/18/2023 13:36	4/19/2023 0:28	652	0
1431752	4/18/2023 13:39	4/19/2023 0:28	649	0
903630	4/18/2023 13:47	4/19/2023 0:28	641	0
298846	4/18/2023 13:51	4/19/2023 10:00	1208	0
345647	4/18/2023 13:51	4/19/2023 0:28	637	0
298597	4/18/2023 13:55	4/19/2023 10:00	1204	0
51483	4/18/2023 13:56	4/19/2023 0:28	632	0
346288	4/18/2023 14:07	4/19/2023 0:28	621	0
573677	4/18/2023 14:08	4/19/2023 10:00	1191	0
2032900	4/18/2023 14:12	4/19/2023 0:28	616	0.05
561757	4/18/2023 14:19	4/19/2023 10:00	1180	0
571420	4/18/2023 14:27	4/19/2023 0:28	601	0
396857	4/18/2023 14:37	4/19/2023 10:00	1162	0
517287	4/18/2023 14:48	4/19/2023 0:28	580	0
972377	4/18/2023 14:54	4/19/2023 0:28	574	0
1557676	4/19/2023 0:28	4/19/2023 10:00	571	0
8068454	4/19/2023 0:28	4/19/2023 10:00	571	0
1537548	4/19/2023 0:28	4/19/2023 10:00	571	0
345647	4/19/2023 0:28	4/19/2023 10:00	571	0
1539692	4/19/2023 0:28	4/19/2023 10:00	571	0
558031	4/19/2023 0:28	4/19/2023 10:00	571	0
517287	4/19/2023 0:28	4/19/2023 10:00	571	0
903630	4/19/2023 0:28	4/19/2023 10:00	571	0
315752	4/19/2023 0:28	4/19/2023 10:00	571	0
1431752	4/19/2023 0:28	4/19/2023 10:00	571	0
663083	4/19/2023 0:28	4/19/2023 10:00	571	0
572882	4/19/2023 0:28	4/19/2023 10:00	571	0
346288	4/19/2023 0:28	4/19/2023 10:00	571	0
507365	4/19/2023 0:28	4/19/2023 10:00	571	0
1538195	4/19/2023 0:28	4/19/2023 10:00	571	0
324045	4/19/2023 0:28	4/19/2023 4:05	217	0
564518	4/19/2023 0:28	4/19/2023 10:00	571	0
228282	4/19/2023 0:28	4/19/2023 2:28	120	0
315346	4/19/2023 0:28	4/19/2023 5:11	283	0
1356945	4/19/2023 0:28	4/19/2023 10:00	571	0
455629	4/19/2023 0:28	4/19/2023 10:00	571	0
571420	4/19/2023 0:28	4/19/2023 10:00	571	0
972377	4/19/2023 0:28	4/19/2023 10:00	571	0
1538577	4/19/2023 0:28	4/19/2023 10:00	571	0

21537	4/19/2023 0:28	4/19/2023 10:00	571	0
315345	4/19/2023 0:28	4/19/2023 10:00	571	0
1343695	4/19/2023 0:28	4/19/2023 3:06	158	0
51483	4/19/2023 0:28	4/19/2023 10:00	571	0
1324274	4/19/2023 0:28	4/19/2023 1:24	56	0
2032900	4/19/2023 0:28	4/19/2023 10:00	571	0
450309	4/19/2023 0:34	4/19/2023 10:00	565	0
1343091	4/19/2023 1:19	4/19/2023 10:00	520	0
1324274	4/19/2023 1:24	4/19/2023 10:00	515	0
228282	4/19/2023 2:28	4/19/2023 10:00	451	0
791361	4/19/2023 2:51	4/19/2023 2:59	8	0
791361	4/19/2023 2:59	4/19/2023 4:31	92	0
1343695	4/19/2023 3:06	4/19/2023 10:00	413	0
325050	4/19/2023 3:56	4/19/2023 10:00	363	0
324045	4/19/2023 4:05	4/19/2023 10:00	354	0
791361	4/19/2023 4:31	4/19/2023 10:00	328	0
315346	4/19/2023 5:11	4/19/2023 10:00	288	0
315604	4/19/2023 5:17	4/19/2023 10:00	282	0
7415418	4/19/2023 5:54	4/19/2023 10:00	245	0
705447	4/19/2023 10:00	4/20/2023 10:00	1439	0
1343695	4/19/2023 10:00	4/20/2023 10:00	1439	0
1537548	4/19/2023 10:00	4/19/2023 13:13	193	0.61
1324274	4/19/2023 10:00	4/20/2023 10:00	1439	0
346288	4/19/2023 10:00	4/19/2023 22:35	755	0.03
315604	4/19/2023 10:00	4/19/2023 22:10	730	0.28
315346	4/19/2023 10:00	4/20/2023 10:00	1439	0.28
315752	4/19/2023 10:00	4/20/2023 10:00	1439	2.88
637185	4/19/2023 10:00	4/20/2023 10:00	1439	0
315345	4/19/2023 10:00	4/20/2023 0:28	868	1.57
571420	4/19/2023 10:00	4/20/2023 10:00	1439	0
325050	4/19/2023 10:00	4/19/2023 11:31	91	0
455629	4/19/2023 10:00	4/20/2023 2:36	996	0.08
264186	4/19/2023 10:00	4/20/2023 10:00	1439	0
1538195	4/19/2023 10:00	4/20/2023 10:00	1439	0
791361	4/19/2023 10:00	4/19/2023 12:01	121	0
450309	4/19/2023 10:00	4/20/2023 10:00	1439	0.22
298846	4/19/2023 10:00	4/20/2023 10:00	1439	0
564357	4/19/2023 10:00	4/20/2023 10:00	1439	0
1356945	4/19/2023 10:00	4/20/2023 10:00	1439	0
1431752	4/19/2023 10:00	4/20/2023 10:00	1439	0
573677	4/19/2023 10:00	4/20/2023 10:00	1439	0
224479	4/19/2023 10:00	4/19/2023 13:35	215	0
51483	4/19/2023 10:00	4/19/2023 13:01	181	1.2
1557676	4/19/2023 10:00	4/20/2023 10:00	1439	0.03
568157	4/19/2023 10:00	4/20/2023 10:00	1439	0
21537	4/19/2023 10:00	4/19/2023 22:21	741	0.14
313011	4/19/2023 10:00	4/19/2023 13:02	182	0

1343091	4/19/2023 10:00	4/20/2023 10:00	1439	0
517287	4/19/2023 10:00	4/20/2023 10:00	1439	0.04
8068454	4/19/2023 10:00	4/20/2023 10:00	1439	0
572990	4/19/2023 10:00	4/20/2023 10:00	1439	0
1539692	4/19/2023 10:00	4/20/2023 4:32	1112	0
313954	4/19/2023 10:00	4/19/2023 20:58	658	3.49
663083	4/19/2023 10:00	4/20/2023 10:00	1439	0.28
1435531	4/19/2023 10:00	4/20/2023 10:00	1439	0
564518	4/19/2023 10:00	4/20/2023 10:00	1439	0
7415418	4/19/2023 10:00	4/19/2023 12:24	144	0
561757	4/19/2023 10:00	4/19/2023 13:12	192	0
2032900	4/19/2023 10:00	4/19/2023 13:03	183	0.28
324045	4/19/2023 10:00	4/19/2023 12:01	121	0
972377	4/19/2023 10:00	4/19/2023 14:15	255	0
558031	4/19/2023 10:00	4/19/2023 12:04	124	0.25
1538577	4/19/2023 10:00	4/19/2023 12:31	151	0
224426	4/19/2023 10:00	4/19/2023 21:57	717	0
298597	4/19/2023 10:00	4/20/2023 10:00	1439	0
572882	4/19/2023 10:28	4/19/2023 12:59	151	0.37
6761269	4/19/2023 10:43	4/20/2023 0:28	825	0
345647	4/19/2023 10:59	4/19/2023 22:14	675	0
1508563	4/19/2023 11:02	4/19/2023 22:46	704	0.43
1557188	4/19/2023 11:18	4/19/2023 20:17	539	0
325050	4/19/2023 11:31	4/19/2023 22:11	640	0
680322	4/19/2023 11:58	4/19/2023 20:57	539	0
791361	4/19/2023 12:01	4/20/2023 0:17	736	0
324045	4/19/2023 12:01	4/19/2023 12:19	18	0
558031	4/19/2023 12:04	4/19/2023 12:14	10	0.08
558031	4/19/2023 12:14	4/19/2023 13:44	90	0
767066	4/19/2023 12:18	4/19/2023 21:39	561	0
324045	4/19/2023 12:19	4/19/2023 13:41	82	0
7415418	4/19/2023 12:24	4/19/2023 12:37	13	0
1538577	4/19/2023 12:31	4/19/2023 12:42	11	0.1
1363415	4/19/2023 12:33	4/19/2023 20:52	499	0.06
7415418	4/19/2023 12:37	4/19/2023 13:24	47	0
1538577	4/19/2023 12:42	4/19/2023 13:11	29	0
1511251	4/19/2023 12:45	4/19/2023 13:07	22	0
1557303	4/19/2023 12:45	4/19/2023 13:26	41	0.44
1464949	4/19/2023 12:58	4/19/2023 21:56	538	0
572882	4/19/2023 12:59	4/20/2023 4:22	923	1.42
51483	4/19/2023 13:01	4/19/2023 22:05	544	0.09
313011	4/19/2023 13:02	4/19/2023 13:21	19	0
2032900	4/19/2023 13:03	4/19/2023 20:47	464	0
561672	4/19/2023 13:05	4/19/2023 22:15	550	0
1511251	4/19/2023 13:07	4/19/2023 20:51	464	0
1351069	4/19/2023 13:10	4/20/2023 4:35	925	0
1538577	4/19/2023 13:11	4/19/2023 20:50	459	0

566748	4/19/2023 13:11	4/20/2023 4:29	918	0
561757	4/19/2023 13:12	4/19/2023 23:30	618	0
1393633	4/19/2023 13:12	4/20/2023 0:28	676	0
1020274	4/19/2023 13:13	4/19/2023 20:35	442	0.13
1537548	4/19/2023 13:13	4/19/2023 22:37	564	0.08
1537541	4/19/2023 13:17	4/19/2023 20:55	458	0
313011	4/19/2023 13:21	4/19/2023 13:22	1	0
313011	4/19/2023 13:22	4/19/2023 22:20	538	0
7415418	4/19/2023 13:24	4/19/2023 21:45	501	0
1557303	4/19/2023 13:26	4/19/2023 21:04	458	0
222852	4/19/2023 13:35	4/19/2023 18:14	279	0
224479	4/19/2023 13:35	4/19/2023 21:39	484	0
224176	4/19/2023 13:39	4/19/2023 21:52	493	0
324045	4/19/2023 13:41	4/19/2023 21:25	464	0
558031	4/19/2023 13:44	4/20/2023 5:02	918	0
1511532	4/19/2023 13:46	4/19/2023 22:25	519	0.02
972377	4/19/2023 14:15	4/20/2023 0:15	600	0
226615	4/19/2023 14:40	4/20/2023 10:00	1159	0
507365	4/19/2023 14:59	4/19/2023 15:03	4	0
507365	4/19/2023 15:03	4/19/2023 15:44	41	0
903630	4/19/2023 15:06	4/19/2023 22:11	425	0
507365	4/19/2023 15:44	4/20/2023 0:05	501	0
319726	4/19/2023 15:51	4/20/2023 0:28	517	0
1704326	4/19/2023 16:18	4/20/2023 10:00	1061	0
298043	4/19/2023 17:04	4/19/2023 23:58	414	0
6168330	4/19/2023 17:10	4/20/2023 0:50	460	0
612938	4/19/2023 17:20	4/20/2023 1:00	460	0
456099	4/19/2023 17:23	4/20/2023 4:36	673	0
1408176	4/19/2023 17:25	4/20/2023 1:10	465	0
1309098	4/19/2023 17:31	4/20/2023 2:49	558	0
1434359	4/19/2023 17:43	4/20/2023 2:46	543	0
1538299	4/19/2023 17:59	4/20/2023 3:08	549	0
222852	4/19/2023 18:14	4/20/2023 3:15	541	0
23566	4/19/2023 18:52	4/20/2023 10:00	907	0
457729	4/19/2023 19:01	4/20/2023 10:00	898	0
6733217	4/19/2023 19:04	4/20/2023 2:34	450	0
396857	4/19/2023 19:35	4/19/2023 23:56	261	0
1309133	4/19/2023 19:56	4/20/2023 10:00	843	0
1518507	4/19/2023 20:10	4/20/2023 4:29	499	0
315708	4/19/2023 20:14	4/19/2023 21:54	100	0
1557188	4/19/2023 20:17	4/20/2023 10:00	822	0
1573666	4/19/2023 20:27	4/19/2023 20:47	20	0
315484	4/19/2023 20:28	4/20/2023 4:12	464	0
1020274	4/19/2023 20:35	4/20/2023 10:00	804	0
316997	4/19/2023 20:36	4/20/2023 10:00	803	0
1573666	4/19/2023 20:47	4/19/2023 22:13	86	0
2032900	4/19/2023 20:47	4/20/2023 10:00	792	0

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1511251	4/19/2023 20:51	4/20/2023 10:00	788	0
1415622	4/19/2023 20:52	4/20/2023 10:00	787	0
1363415	4/19/2023 20:52	4/20/2023 10:00	787	0
1537541	4/19/2023 20:55	4/20/2023 10:00	784	0
680322	4/19/2023 20:57	4/20/2023 10:00	782	0
313954	4/19/2023 20:58	4/19/2023 22:19	81	0
1557303	4/19/2023 21:04	4/20/2023 10:00	775	0
324045	4/19/2023 21:25	4/20/2023 10:00	754	0
1394543	4/19/2023 21:31	4/20/2023 10:00	748	0
224479	4/19/2023 21:39	4/19/2023 22:39	60	0
767066	4/19/2023 21:39	4/20/2023 10:00	740	0
316630	4/19/2023 21:45	4/20/2023 10:00	734	0
7415418	4/19/2023 21:45	4/20/2023 10:00	734	0
224176	4/19/2023 21:52	4/20/2023 0:28	156	0
315708	4/19/2023 21:54	4/20/2023 0:28	154	0
1464949	4/19/2023 21:56	4/20/2023 0:28	152	0
224426	4/19/2023 21:57	4/20/2023 10:00	722	0
51483	4/19/2023 22:05	4/20/2023 0:28	143	0
8148103	4/19/2023 22:08	4/20/2023 10:00	711	0
315604	4/19/2023 22:10	4/20/2023 0:28	138	0
325050	4/19/2023 22:11	4/20/2023 0:28	137	0
903630	4/19/2023 22:11	4/20/2023 0:28	137	0
1573666	4/19/2023 22:13	4/20/2023 0:28	135	0
345647	4/19/2023 22:14	4/20/2023 10:00	705	0
561672	4/19/2023 22:15	4/20/2023 0:28	133	0
313954	4/19/2023 22:19	4/20/2023 0:28	129	0
313011	4/19/2023 22:20	4/20/2023 0:28	128	0
21537	4/19/2023 22:21	4/20/2023 0:28	127	0
1511532	4/19/2023 22:25	4/20/2023 10:00	694	0
346288	4/19/2023 22:35	4/20/2023 10:00	684	0
1537548	4/19/2023 22:37	4/20/2023 0:28	111	0
224479	4/19/2023 22:39	4/20/2023 10:00	680	0
1508563	4/19/2023 22:46	4/20/2023 0:28	102	0
561757	4/19/2023 23:30	4/20/2023 0:28	58	0
396857	4/19/2023 23:56	4/20/2023 5:56	360	0
298043	4/19/2023 23:58	4/20/2023 0:28	30	0
507365	4/20/2023 0:05	4/20/2023 0:28	23	0
972377	4/20/2023 0:15	4/20/2023 0:28	13	0
791361	4/20/2023 0:17	4/20/2023 0:34	17	0
561757	4/20/2023 0:28	4/20/2023 4:30	242	0
224176	4/20/2023 0:28	4/20/2023 4:52	264	0
1508563	4/20/2023 0:28	4/20/2023 2:26	118	0
507365	4/20/2023 0:28	4/20/2023 5:45	317	0
313954	4/20/2023 0:28	4/20/2023 4:39	251	0
315345	4/20/2023 0:28	4/20/2023 10:00	571	0
1393633	4/20/2023 0:28	4/20/2023 10:00	571	0

315708	4/20/2023 0:28	4/20/2023 3:54	206	0
315604	4/20/2023 0:28	4/20/2023 4:10	222	0
21537	4/20/2023 0:28	4/20/2023 4:05	217	0
1573666	4/20/2023 0:28	4/20/2023 4:33	245	0
319726	4/20/2023 0:28	4/20/2023 10:00	571	0
1537548	4/20/2023 0:28	4/20/2023 4:37	249	0
972377	4/20/2023 0:28	4/20/2023 0:35	7	0
313011	4/20/2023 0:28	4/20/2023 4:40	252	0
222829	4/20/2023 0:28	4/20/2023 2:32	124	0
561672	4/20/2023 0:28	4/20/2023 4:35	247	0
325050	4/20/2023 0:28	4/20/2023 2:51	143	0
1464949	4/20/2023 0:28	4/20/2023 1:13	45	0
51483	4/20/2023 0:28	4/20/2023 4:25	237	0
6761269	4/20/2023 0:28	4/20/2023 10:00	571	0
298043	4/20/2023 0:28	4/20/2023 0:38	10	0
903630	4/20/2023 0:28	4/20/2023 3:14	166	0
791361	4/20/2023 0:34	4/20/2023 3:17	163	0
972377	4/20/2023 0:35	4/20/2023 10:00	564	0
298043	4/20/2023 0:38	4/20/2023 10:00	561	0
6168330	4/20/2023 0:50	4/20/2023 10:00	549	0
612938	4/20/2023 1:00	4/20/2023 10:00	539	0
1408176	4/20/2023 1:10	4/20/2023 10:00	529	0
1464949	4/20/2023 1:13	4/20/2023 10:00	526	0
1508563	4/20/2023 2:26	4/20/2023 10:00	453	0
222829	4/20/2023 2:32	4/20/2023 10:00	447	0
6733217	4/20/2023 2:34	4/20/2023 10:00	445	0
455629	4/20/2023 2:36	4/20/2023 10:00	443	0
1434359	4/20/2023 2:46	4/20/2023 5:26	160	0
1309098	4/20/2023 2:49	4/20/2023 2:50	1	0
1309098	4/20/2023 2:50	4/20/2023 6:09	199	0
325050	4/20/2023 2:51	4/20/2023 10:00	428	0
1538299	4/20/2023 3:08	4/20/2023 3:11	3	0
1538299	4/20/2023 3:11	4/20/2023 4:34	83	0
903630	4/20/2023 3:14	4/20/2023 10:00	405	0
222852	4/20/2023 3:15	4/20/2023 3:28	13	0
791361	4/20/2023 3:17	4/20/2023 10:00	402	0
222852	4/20/2023 3:28	4/20/2023 4:55	87	0
315708	4/20/2023 3:54	4/20/2023 10:00	365	0
21537	4/20/2023 4:05	4/20/2023 10:00	354	0
315604	4/20/2023 4:10	4/20/2023 10:00	349	0
315484	4/20/2023 4:12	4/20/2023 10:00	347	0
572882	4/20/2023 4:22	4/20/2023 10:00	337	0
51483	4/20/2023 4:25	4/20/2023 10:00	334	0
1518507	4/20/2023 4:29	4/20/2023 10:00	330	0
566748	4/20/2023 4:29	4/20/2023 10:00	330	0
561757	4/20/2023 4:30	4/20/2023 10:00	329	0
1539692	4/20/2023 4:32	4/20/2023 10:00	327	0

1573666	4/20/2023 4:33	4/20/2023 10:00	326	0
1538299	4/20/2023 4:34	4/20/2023 10:00	325	0
561672	4/20/2023 4:35	4/20/2023 10:00	324	0
1351069	4/20/2023 4:35	4/20/2023 10:00	324	0
456099	4/20/2023 4:36	4/20/2023 10:00	323	0
1537548	4/20/2023 4:37	4/20/2023 10:00	322	0
313954	4/20/2023 4:39	4/20/2023 10:00	320	0
313011	4/20/2023 4:40	4/20/2023 10:00	319	0
224176	4/20/2023 4:52	4/20/2023 10:00	307	0
222852	4/20/2023 4:55	4/20/2023 10:00	304	0
558031	4/20/2023 5:02	4/20/2023 10:00	297	0
1434359	4/20/2023 5:26	4/20/2023 10:00	273	0
507365	4/20/2023 5:45	4/20/2023 10:00	254	0
396857	4/20/2023 5:56	4/20/2023 10:00	243	0
1309098	4/20/2023 6:09	4/20/2023 10:00	230	0
1299402	4/20/2023 8:36	4/20/2023 10:00	83	0
1464949	4/20/2023 10:00	4/21/2023 10:00	1439	0
224426	4/20/2023 10:00	4/21/2023 10:00	1439	0
316630	4/20/2023 10:00	4/21/2023 0:28	868	1.42
1309133	4/20/2023 10:00	4/21/2023 10:00	1439	0.46
457729	4/20/2023 10:00	4/21/2023 0:55	895	0
1356945	4/20/2023 10:00	4/21/2023 10:00	1439	0
1020274	4/20/2023 10:00	4/20/2023 13:26	206	1.59
313011	4/20/2023 10:00	4/20/2023 12:22	142	0
572882	4/20/2023 10:00	4/20/2023 12:07	127	1.08
1557188	4/20/2023 10:00	4/21/2023 10:00	1439	0
324045	4/20/2023 10:00	4/20/2023 11:16	76	0
325050	4/20/2023 10:00	4/21/2023 10:00	1439	0
680322	4/20/2023 10:00	4/21/2023 10:00	1439	0
1511532	4/20/2023 10:00	4/20/2023 13:38	218	1.95
1363415	4/20/2023 10:00	4/21/2023 10:00	1439	0.35
663083	4/20/2023 10:00	4/21/2023 10:00	1439	0.02
456099	4/20/2023 10:00	4/20/2023 12:19	139	0
767066	4/20/2023 10:00	4/21/2023 10:00	1439	0
315346	4/20/2023 10:00	4/20/2023 12:19	139	0
313954	4/20/2023 10:00	4/20/2023 12:23	143	0.43
319726	4/20/2023 10:00	4/21/2023 10:00	1439	0
564357	4/20/2023 10:00	4/21/2023 10:00	1439	0
51483	4/20/2023 10:00	4/21/2023 1:10	910	0
1394543	4/20/2023 10:00	4/21/2023 10:00	1439	0
1538299	4/20/2023 10:00	4/21/2023 1:57	957	0.21
1573666	4/20/2023 10:00	4/21/2023 10:00	1439	0
6761269	4/20/2023 10:00	4/21/2023 10:00	1439	0
298043	4/20/2023 10:00	4/21/2023 10:00	1439	0
972377	4/20/2023 10:00	4/21/2023 10:00	1439	0
903630	4/20/2023 10:00	4/21/2023 10:00	1439	0.52
298846	4/20/2023 10:00	4/21/2023 10:00	1439	0

264186	4/20/2023 10:00	4/21/2023 10:00	1439	0
2032900	4/20/2023 10:00	4/20/2023 12:13	133	0.14
226615	4/20/2023 10:00	4/21/2023 10:00	1439	0
1435531	4/20/2023 10:00	4/21/2023 10:00	1439	0
1309098	4/20/2023 10:00	4/20/2023 11:48	108	0.74
8148103	4/20/2023 10:00	4/21/2023 10:00	1439	0.53
222852	4/20/2023 10:00	4/21/2023 10:00	1439	0
1351069	4/20/2023 10:00	4/21/2023 10:00	1439	0
1539692	4/20/2023 10:00	4/20/2023 15:37	337	0.02
1704326	4/20/2023 10:00	4/21/2023 10:00	1439	0.35
791361	4/20/2023 10:00	4/20/2023 11:28	88	0
396857	4/20/2023 10:00	4/21/2023 10:00	1439	0
1415622	4/20/2023 10:00	4/21/2023 10:00	1439	0.06
561672	4/20/2023 10:00	4/21/2023 0:28	868	0
572990	4/20/2023 10:00	4/21/2023 10:00	1439	0
1518507	4/20/2023 10:00	4/20/2023 22:52	772	0.26
346288	4/20/2023 10:00	4/20/2023 16:39	399	0
315604	4/20/2023 10:00	4/20/2023 11:44	104	0.16
6168330	4/20/2023 10:00	4/21/2023 10:00	1439	0
6733217	4/20/2023 10:00	4/21/2023 10:00	1439	0
566748	4/20/2023 10:00	4/21/2023 10:00	1439	0
21537	4/20/2023 10:00	4/21/2023 10:00	1439	0.06
224479	4/20/2023 10:00	4/20/2023 11:30	90	0
1537548	4/20/2023 10:00	4/21/2023 1:36	936	0.08
345647	4/20/2023 10:00	4/20/2023 15:11	311	0
612938	4/20/2023 10:00	4/21/2023 10:00	1439	0.19
1393633	4/20/2023 10:00	4/21/2023 10:00	1439	0
315484	4/20/2023 10:00	4/21/2023 10:00	1439	0
315345	4/20/2023 10:00	4/20/2023 12:33	153	2.18
1537541	4/20/2023 10:00	4/21/2023 10:00	1439	0.06
1408176	4/20/2023 10:00	4/20/2023 11:52	112	0.47
507365	4/20/2023 10:00	4/20/2023 11:33	93	0
224176	4/20/2023 10:00	4/20/2023 12:19	139	0
315708	4/20/2023 10:00	4/21/2023 10:00	1439	2.85
561757	4/20/2023 10:00	4/21/2023 10:00	1439	0
637185	4/20/2023 10:00	4/21/2023 10:00	1439	0
573677	4/20/2023 10:00	4/21/2023 10:00	1439	0
1557303	4/20/2023 10:00	4/20/2023 12:13	133	0
705447	4/20/2023 10:00	4/21/2023 10:00	1439	0
1511251	4/20/2023 10:00	4/20/2023 12:02	122	0
7415418	4/20/2023 10:00	4/21/2023 10:00	1439	0
1538577	4/20/2023 10:00	4/20/2023 12:05	125	0
316997	4/20/2023 10:00	4/21/2023 10:00	1439	0.02
558031	4/20/2023 10:00	4/21/2023 10:00	1439	0.06
324045	4/20/2023 11:16	4/21/2023 0:14	778	0
791361	4/20/2023 11:28	4/21/2023 0:28	780	0
224479	4/20/2023 11:30	4/21/2023 0:28	778	0

507365	4/20/2023 11:33	4/21/2023 0:28	775	0
275018	4/20/2023 11:39	4/20/2023 21:28	589	0
315604	4/20/2023 11:44	4/21/2023 0:28	764	0
1309098	4/20/2023 11:48	4/20/2023 11:49	1	0.04
1309098	4/20/2023 11:49	4/20/2023 13:48	119	1.02
1408176	4/20/2023 11:52	4/20/2023 11:56	4	0.03
1408176	4/20/2023 11:56	4/20/2023 15:14	198	1.57
1511251	4/20/2023 12:02	4/21/2023 0:28	746	0
1538577	4/20/2023 12:05	4/20/2023 22:46	641	0
572882	4/20/2023 12:07	4/20/2023 22:26	619	0.8
7607485	4/20/2023 12:08	4/20/2023 22:52	644	1.84
381338	4/20/2023 12:10	4/21/2023 1:53	823	0
564518	4/20/2023 12:11	4/21/2023 1:11	780	0
8068454	4/20/2023 12:12	4/21/2023 0:28	736	0
2032900	4/20/2023 12:13	4/21/2023 0:28	735	0
1557303	4/20/2023 12:13	4/21/2023 0:28	735	0.04
224176	4/20/2023 12:19	4/21/2023 0:58	759	0
315346	4/20/2023 12:19	4/21/2023 0:12	713	0
456099	4/20/2023 12:19	4/20/2023 22:00	581	0
275015	4/20/2023 12:21	4/20/2023 21:39	558	0
313011	4/20/2023 12:22	4/21/2023 0:28	726	0
313954	4/20/2023 12:23	4/21/2023 1:22	779	0
315345	4/20/2023 12:33	4/20/2023 12:46	13	0.27
315752	4/20/2023 12:37	4/20/2023 21:35	538	0
315345	4/20/2023 12:46	4/20/2023 14:13	87	0
1020274	4/20/2023 13:26	4/21/2023 0:28	662	0.02
1511532	4/20/2023 13:38	4/21/2023 1:56	738	1.04
1309098	4/20/2023 13:48	4/21/2023 0:28	640	0.5
315345	4/20/2023 14:13	4/20/2023 21:33	440	0
225186	4/20/2023 14:31	4/20/2023 23:32	541	0.02
288804	4/20/2023 14:54	4/21/2023 1:37	643	0
455629	4/20/2023 15:04	4/21/2023 0:16	552	0
1508563	4/20/2023 15:09	4/21/2023 0:28	559	0
571420	4/20/2023 15:10	4/21/2023 0:28	558	0
345647	4/20/2023 15:11	4/21/2023 0:28	557	0
1557676	4/20/2023 15:11	4/21/2023 10:00	1128	0
1466638	4/20/2023 15:12	4/21/2023 0:28	556	0
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1417279	4/20/2023 15:13	4/21/2023 0:28	555	0
1408176	4/20/2023 15:14	4/20/2023 20:41	327	0
228282	4/20/2023 15:27	4/21/2023 10:00	1112	0
1539692	4/20/2023 15:37	4/20/2023 15:41	4	0
1539692	4/20/2023 15:41	4/20/2023 17:17	96	0
1537353	4/20/2023 16:34	4/21/2023 1:31	537	0
346288	4/20/2023 16:39	4/21/2023 0:58	499	0
609757	4/20/2023 17:12	4/21/2023 10:00	1007	0
1539692	4/20/2023 17:17	4/21/2023 0:01	404	0

222829	4/20/2023 17:46	4/20/2023 21:25	219	0
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1190820	4/20/2023 20:27	4/21/2023 4:32	485	0
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275018	4/20/2023 21:28	4/21/2023 10:00	751	0
315345	4/20/2023 21:33	4/21/2023 10:00	746	0.04
315752	4/20/2023 21:35	4/21/2023 10:00	744	0
275015	4/20/2023 21:39	4/21/2023 10:00	740	0
456099	4/20/2023 22:00	4/21/2023 10:00	719	0
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7607485	4/20/2023 22:52	4/21/2023 10:00	667	0
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1093833	4/20/2023 23:26	4/21/2023 0:28	62	0
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1538398	4/20/2023 23:58	4/21/2023 0:28	30	0
1539692	4/21/2023 0:01	4/21/2023 10:00	598	0
315346	4/21/2023 0:12	4/21/2023 0:29	17	0
324045	4/21/2023 0:14	4/21/2023 0:28	14	0
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224479	4/21/2023 0:28	4/21/2023 10:00	571	0
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1309098	4/21/2023 0:28	4/21/2023 10:00	571	0
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288804	4/21/2023 1:37	4/21/2023 1:53	16	0
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381338	4/21/2023 1:53	4/21/2023 2:07	14	0
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288804	4/21/2023 2:57	4/21/2023 10:00	422	0
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224176	4/21/2023 3:38	4/21/2023 10:00	381	0
313954	4/21/2023 3:42	4/21/2023 10:00	377	0
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801004	4/21/2023 9:24	4/21/2023 10:00	35	0
791361	4/21/2023 10:00	4/22/2023 10:00	1439	0
288804	4/21/2023 10:00	4/22/2023 10:00	1439	0.01

225186	4/21/2023 10:00	4/22/2023 10:00	1439	0
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1518502	4/21/2023 10:00	4/22/2023 10:00	1439	0
346288	4/21/2023 10:00	4/21/2023 11:35	95	0
224479	4/21/2023 10:00	4/22/2023 10:00	1439	0.01
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264186	4/21/2023 10:00	4/22/2023 10:00	1439	0
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228282	4/21/2023 10:00	4/22/2023 10:00	1439	0
705447	4/21/2023 10:00	4/22/2023 10:00	1439	0
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7607485	4/21/2023 10:00	4/22/2023 10:00	1439	0.64
315345	4/21/2023 10:00	4/22/2023 10:00	1439	0.27
315346	4/21/2023 10:00	4/22/2023 10:00	1439	0
456099	4/21/2023 10:00	4/21/2023 13:51	231	0
1356945	4/21/2023 10:00	4/22/2023 10:00	1439	0
561757	4/21/2023 10:00	4/22/2023 10:00	1439	0
381338	4/21/2023 10:00	4/22/2023 0:28	868	0
1539692	4/21/2023 10:00	4/22/2023 10:00	1439	0
1557303	4/21/2023 10:00	4/21/2023 11:35	95	0
1309098	4/21/2023 10:00	4/21/2023 23:44	824	3.69
564357	4/21/2023 10:00	4/22/2023 10:00	1439	0
507365	4/21/2023 10:00	4/21/2023 21:24	684	0
222829	4/21/2023 10:00	4/22/2023 10:00	1439	0.33
275015	4/21/2023 10:00	4/22/2023 10:00	1439	0.37
801004	4/21/2023 10:00	4/22/2023 10:00	1439	0
1408176	4/21/2023 10:00	4/21/2023 14:05	245	1.56
324045	4/21/2023 10:00	4/21/2023 14:44	284	0
609757	4/21/2023 10:00	4/22/2023 10:00	1439	0.06
1511251	4/21/2023 10:00	4/22/2023 10:00	1439	0
558031	4/21/2023 10:00	4/22/2023 10:00	1439	0.03
2032900	4/21/2023 10:00	4/21/2023 11:43	103	0
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1537541	4/21/2023 10:00	4/22/2023 10:00	1439	0
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1355611	4/21/2023 10:00	4/22/2023 10:00	1439	0
1362855	4/21/2023 10:00	4/21/2023 14:04	244	0.12
1538577	4/21/2023 10:00	4/22/2023 0:28	868	0
571420	4/21/2023 10:00	4/22/2023 10:00	1439	0
1557676	4/21/2023 10:00	4/22/2023 10:00	1439	0.02
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315752	4/21/2023 10:00	4/22/2023 10:00	1439	0

637185	4/21/2023 10:00	4/22/2023 10:00	1439	0
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1190820	4/21/2023 10:00	4/22/2023 10:00	1439	0
1020274	4/21/2023 10:00	4/22/2023 10:00	1439	0.87
572882	4/21/2023 10:00	4/22/2023 0:28	868	0.13
1537548	4/21/2023 10:00	4/22/2023 10:00	1439	0
1417279	4/21/2023 10:00	4/21/2023 11:29	89	0
1538398	4/21/2023 10:00	4/22/2023 10:00	1439	0
224176	4/21/2023 10:06	4/22/2023 10:00	1433	0
8068454	4/21/2023 10:15	4/21/2023 14:12	237	0
226615	4/21/2023 10:18	4/22/2023 10:00	1421	0.11
457729	4/21/2023 10:20	4/21/2023 17:02	402	0
564518	4/21/2023 10:22	4/22/2023 10:00	1417	0
903630	4/21/2023 10:23	4/22/2023 10:00	1416	1.02
325050	4/21/2023 10:24	4/21/2023 11:35	71	0
345647	4/21/2023 10:25	4/22/2023 10:00	1414	0
561672	4/21/2023 10:27	4/22/2023 10:00	1412	0
1466638	4/21/2023 10:29	4/22/2023 10:00	1410	0
51483	4/21/2023 10:32	4/22/2023 0:28	836	0
315604	4/21/2023 10:36	4/22/2023 10:00	1403	0
313011	4/21/2023 10:39	4/22/2023 10:00	1400	0
316630	4/21/2023 10:39	4/22/2023 0:28	829	1.91
1393633	4/21/2023 10:59	4/22/2023 10:00	1380	0
6168330	4/21/2023 11:06	4/22/2023 10:00	1373	0
1417279	4/21/2023 11:29	4/21/2023 11:33	4	0
1299402	4/21/2023 11:31	4/21/2023 20:53	562	0
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298597	4/21/2023 11:35	4/21/2023 20:07	512	0
1557303	4/21/2023 11:35	4/22/2023 0:28	773	0.12
346288	4/21/2023 11:35	4/22/2023 0:28	773	0
1415622	4/21/2023 11:35	4/22/2023 10:00	1344	0
767066	4/21/2023 11:35	4/22/2023 0:28	773	0
325050	4/21/2023 11:35	4/22/2023 0:28	773	0
2032900	4/21/2023 11:43	4/21/2023 11:57	14	0
2032900	4/21/2023 11:57	4/21/2023 14:03	126	0
7415418	4/21/2023 12:19	4/22/2023 10:00	1300	0
456099	4/21/2023 13:51	4/22/2023 1:10	679	0
573677	4/21/2023 14:03	4/22/2023 10:00	1196	0
2032900	4/21/2023 14:03	4/22/2023 0:28	625	0
1362855	4/21/2023 14:04	4/21/2023 22:26	502	0
1408176	4/21/2023 14:05	4/21/2023 22:27	502	0.71
1390184	4/21/2023 14:06	4/21/2023 22:26	500	0
1417279	4/21/2023 14:09	4/22/2023 0:28	619	0.2
8068454	4/21/2023 14:12	4/22/2023 0:28	616	0
1557188	4/21/2023 14:15	4/22/2023 0:28	613	0
222852	4/21/2023 14:15	4/22/2023 10:00	1184	0
396857	4/21/2023 14:17	4/22/2023 10:00	1182	0

324045	4/21/2023 14:44	4/22/2023 0:28	584	0
1435127	4/21/2023 14:44	4/22/2023 0:28	584	0
318815	4/21/2023 14:47	4/22/2023 10:00	1152	0
1434359	4/21/2023 14:47	4/21/2023 23:50	543	0
313954	4/21/2023 14:48	4/22/2023 0:28	580	0
457729	4/21/2023 17:02	4/22/2023 4:18	676	0
993113	4/21/2023 18:56	4/22/2023 0:28	332	0
298597	4/21/2023 20:07	4/22/2023 10:00	832	0
1299402	4/21/2023 20:53	4/22/2023 10:00	786	0
507365	4/21/2023 21:24	4/22/2023 10:00	755	0
1362855	4/21/2023 22:26	4/22/2023 10:00	693	0
1390184	4/21/2023 22:26	4/22/2023 10:00	693	0
1408176	4/21/2023 22:27	4/22/2023 8:25	598	0
1309098	4/21/2023 23:44	4/22/2023 0:28	44	0
1434359	4/21/2023 23:50	4/22/2023 0:28	38	0
572882	4/22/2023 0:28	4/22/2023 10:00	571	0
381338	4/22/2023 0:28	4/22/2023 10:00	571	0
767066	4/22/2023 0:28	4/22/2023 10:00	571	0
51483	4/22/2023 0:28	4/22/2023 10:00	571	0
324045	4/22/2023 0:28	4/22/2023 10:00	571	0
325050	4/22/2023 0:28	4/22/2023 10:00	571	0
1557188	4/22/2023 0:28	4/22/2023 10:00	571	0
1417279	4/22/2023 0:28	4/22/2023 10:00	571	0
1434359	4/22/2023 0:28	4/22/2023 2:10	102	0
313954	4/22/2023 0:28	4/22/2023 10:00	571	0
2032900	4/22/2023 0:28	4/22/2023 10:00	571	0
346288	4/22/2023 0:28	4/22/2023 10:00	571	0
993113	4/22/2023 0:28	4/22/2023 10:00	571	0
1435127	4/22/2023 0:28	4/22/2023 10:00	571	0
1557303	4/22/2023 0:28	4/22/2023 10:00	571	0
8068454	4/22/2023 0:28	4/22/2023 10:00	571	0
316630	4/22/2023 0:28	4/22/2023 10:00	571	0
1309098	4/22/2023 0:28	4/22/2023 2:44	136	0
455629	4/22/2023 0:28	4/22/2023 10:00	571	0
1538577	4/22/2023 0:28	4/22/2023 10:00	571	0
456099	4/22/2023 1:10	4/22/2023 1:17	7	0
456099	4/22/2023 1:17	4/22/2023 3:30	133	0
1434359	4/22/2023 2:10	4/22/2023 10:00	469	0
1309098	4/22/2023 2:44	4/22/2023 10:00	435	0
456099	4/22/2023 3:30	4/22/2023 10:00	389	0
457729	4/22/2023 4:18	4/22/2023 4:23	5	0
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457729	4/22/2023 5:18	4/22/2023 10:00	281	0
1408176	4/22/2023 8:25	4/22/2023 10:00	94	0
2032900	4/22/2023 10:00	4/23/2023 10:00	1439	0
993113	4/22/2023 10:00	4/23/2023 10:00	1439	0.1
1309098	4/22/2023 10:00	4/23/2023 10:00	1439	0.39

1434359	4/22/2023 10:00	4/23/2023 10:00	1439	0
1435127	4/22/2023 10:00	4/23/2023 10:00	1439	0
324045	4/22/2023 10:00	4/23/2023 10:00	1439	0
1355611	4/22/2023 10:00	4/22/2023 21:36	696	0.05
1408176	4/22/2023 10:00	4/23/2023 10:00	1439	0.01
1362855	4/22/2023 10:00	4/23/2023 10:00	1439	0.16
313954	4/22/2023 10:00	4/23/2023 10:00	1439	0.05
1557676	4/22/2023 10:00	4/23/2023 10:00	1439	0
564357	4/22/2023 10:00	4/23/2023 10:00	1439	0
457729	4/22/2023 10:00	4/23/2023 10:00	1439	0
455629	4/22/2023 10:00	4/23/2023 10:00	1439	0
381338	4/22/2023 10:00	4/23/2023 10:00	1439	0
1394543	4/22/2023 10:00	4/23/2023 10:00	1439	0.39
1390184	4/22/2023 10:00	4/23/2023 10:00	1439	0.06
224176	4/22/2023 10:00	4/23/2023 10:00	1439	0
1557303	4/22/2023 10:00	4/23/2023 10:00	1439	0.01
298597	4/22/2023 10:00	4/23/2023 10:00	1439	0
51483	4/22/2023 10:00	4/23/2023 10:00	1439	0.08
573677	4/22/2023 10:00	4/23/2023 10:00	1439	0
572990	4/22/2023 10:00	4/23/2023 10:00	1439	0
507365	4/22/2023 10:00	4/23/2023 10:00	1439	0
1415622	4/22/2023 10:00	4/23/2023 10:00	1439	0
6168330	4/22/2023 10:00	4/23/2023 10:00	1439	0
1299402	4/22/2023 10:00	4/23/2023 10:00	1439	0.01
222852	4/22/2023 10:00	4/23/2023 10:00	1439	0
46184	4/22/2023 10:00	4/23/2023 10:00	1439	0
346288	4/22/2023 10:00	4/23/2023 10:00	1439	0
7415418	4/22/2023 10:00	4/23/2023 10:00	1439	0
767066	4/22/2023 10:00	4/23/2023 10:00	1439	0
903630	4/22/2023 10:00	4/23/2023 10:00	1439	0.59
315752	4/22/2023 10:00	4/23/2023 10:00	1439	0.05
561757	4/22/2023 10:00	4/23/2023 10:00	1439	0
264186	4/22/2023 10:00	4/23/2023 10:00	1439	0
1417279	4/22/2023 10:00	4/23/2023 10:00	1439	0
1557188	4/22/2023 10:00	4/23/2023 10:00	1439	0
316630	4/22/2023 10:00	4/23/2023 10:00	1439	0.04
558031	4/22/2023 10:00	4/23/2023 10:00	1439	0.17
1538577	4/22/2023 10:00	4/23/2023 10:00	1439	0.08
325050	4/22/2023 10:00	4/23/2023 10:00	1439	0
8068454	4/22/2023 10:00	4/23/2023 10:00	1439	0
1393633	4/22/2023 10:00	4/23/2023 10:00	1439	0
318815	4/22/2023 10:00	4/23/2023 10:00	1439	0
637185	4/22/2023 10:00	4/23/2023 10:00	1439	0
456099	4/22/2023 10:18	4/23/2023 10:00	1421	0
572882	4/22/2023 10:38	4/23/2023 10:00	1401	0
1449371	4/22/2023 16:08	4/22/2023 23:02	414	0
627635	4/22/2023 18:18	4/22/2023 18:55	37	0

627635	4/22/2023 18:55	4/23/2023 10:00	904	0
1704326	4/22/2023 20:39	4/23/2023 0:28	229	0
595439	4/22/2023 20:50	4/23/2023 0:28	218	0
1355611	4/22/2023 21:36	4/23/2023 0:28	172	0
1363415	4/22/2023 22:05	4/23/2023 10:00	714	0
1449371	4/22/2023 23:02	4/23/2023 10:00	657	0
396857	4/22/2023 23:54	4/23/2023 3:03	189	0
595439	4/23/2023 0:28	4/23/2023 10:00	571	0
1355611	4/23/2023 0:28	4/23/2023 4:56	268	0
1704326	4/23/2023 0:28	4/23/2023 10:00	571	0
396857	4/23/2023 3:03	4/23/2023 10:00	416	0
1355611	4/23/2023 4:56	4/23/2023 10:00	303	0
298846	4/23/2023 8:18	4/23/2023 10:00	101	0
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801004	4/23/2023 9:37	4/23/2023 10:00	22	0
1363415	4/23/2023 10:00	4/24/2023 1:40	940	0.23
627635	4/23/2023 10:00	4/24/2023 10:00	1439	0
801004	4/23/2023 10:00	4/24/2023 10:00	1439	0
1449371	4/23/2023 10:00	4/24/2023 10:00	1439	0
264186	4/23/2023 10:00	4/24/2023 10:00	1439	0
46184	4/23/2023 10:00	4/24/2023 10:00	1439	0
1704326	4/23/2023 10:00	4/24/2023 10:00	1439	0.23
1355611	4/23/2023 10:00	4/24/2023 10:00	1439	0.24
564357	4/23/2023 10:00	4/24/2023 10:00	1439	0
637185	4/23/2023 10:00	4/24/2023 10:00	1439	0
1599629	4/23/2023 10:00	4/24/2023 10:00	1439	0
396857	4/23/2023 10:00	4/24/2023 10:00	1439	0
298846	4/23/2023 10:00	4/24/2023 10:00	1439	0
595439	4/23/2023 10:00	4/24/2023 10:00	1439	0
705447	4/23/2023 10:00	4/24/2023 10:00	1439	0
1020274	4/23/2023 10:43	4/24/2023 0:28	825	0.64
507365	4/23/2023 10:56	4/23/2023 20:44	588	0
972377	4/23/2023 11:05	4/24/2023 2:38	933	0.73
1447648	4/23/2023 11:12	4/24/2023 0:28	796	0
1190820	4/23/2023 11:29	4/23/2023 21:32	603	0.04
1309098	4/23/2023 11:42	4/23/2023 23:37	715	0.92
8766703	4/23/2023 11:42	4/23/2023 14:33	171	0.06
1390184	4/23/2023 11:43	4/23/2023 22:47	664	0
1434359	4/23/2023 11:46	4/23/2023 23:30	704	0
51483	4/23/2023 11:47	4/24/2023 1:50	843	0.04
6168330	4/23/2023 12:27	4/23/2023 22:45	618	0.18
324045	4/23/2023 13:13	4/24/2023 0:28	675	0
1538577	4/23/2023 13:23	4/24/2023 0:28	665	0
345647	4/23/2023 13:39	4/24/2023 1:39	720	0
1435127	4/23/2023 13:43	4/24/2023 0:28	645	0
8068454	4/23/2023 13:43	4/24/2023 0:28	645	0

345427	4/23/2023 13:50	4/24/2023 1:47	717	0
1527339	4/23/2023 13:55	4/24/2023 0:28	633	0
288804	4/23/2023 14:04	4/23/2023 20:03	359	0
346288	4/23/2023 14:05	4/24/2023 1:44	699	0
1511532	4/23/2023 14:09	4/24/2023 0:28	619	0.1
1511251	4/23/2023 14:11	4/23/2023 20:09	358	0
1503562	4/23/2023 14:19	4/24/2023 2:13	714	0
8766703	4/23/2023 14:33	4/23/2023 14:42	9	0
8766703	4/23/2023 14:42	4/23/2023 17:28	166	0
572882	4/23/2023 14:54	4/23/2023 22:35	461	0.22
573677	4/23/2023 14:58	4/24/2023 10:00	1141	0
313011	4/23/2023 15:00	4/24/2023 0:28	568	0
572990	4/23/2023 15:03	4/24/2023 10:00	1136	0
566748	4/23/2023 15:08	4/24/2023 10:00	1131	0
1394543	4/23/2023 15:45	4/24/2023 10:00	1094	0
348007	4/23/2023 16:14	4/24/2023 10:00	1065	0
535717	4/23/2023 16:37	4/24/2023 0:35	478	0
1469225	4/23/2023 16:54	4/24/2023 0:28	454	0
535845	4/23/2023 17:06	4/24/2023 0:28	442	0
8766703	4/23/2023 17:28	4/24/2023 0:28	420	0
1557100	4/23/2023 19:59	4/24/2023 2:01	362	0
288804	4/23/2023 20:03	4/24/2023 10:00	836	0
1511251	4/23/2023 20:09	4/24/2023 10:00	830	0
1300812	4/23/2023 20:25	4/24/2023 10:00	814	0
507365	4/23/2023 20:44	4/24/2023 0:28	224	0
1190820	4/23/2023 21:32	4/24/2023 10:00	747	0
572882	4/23/2023 22:35	4/24/2023 10:00	684	0
6168330	4/23/2023 22:45	4/24/2023 10:00	674	0
1390184	4/23/2023 22:47	4/24/2023 10:00	672	0
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1309098	4/23/2023 23:37	4/24/2023 0:28	51	0
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1447648	4/24/2023 0:28	4/24/2023 10:00	571	0
324045	4/24/2023 0:28	4/24/2023 10:00	571	0
1309098	4/24/2023 0:28	4/24/2023 0:57	29	0
1511532	4/24/2023 0:28	4/24/2023 10:00	571	0
1538577	4/24/2023 0:28	4/24/2023 10:00	571	0
8766703	4/24/2023 0:28	4/24/2023 10:00	571	0
1434359	4/24/2023 0:28	4/24/2023 1:42	74	0
1527339	4/24/2023 0:28	4/24/2023 10:00	571	0
507365	4/24/2023 0:28	4/24/2023 2:44	136	0
8068454	4/24/2023 0:28	4/24/2023 10:00	571	0
1020274	4/24/2023 0:28	4/24/2023 10:00	571	0
1435127	4/24/2023 0:28	4/24/2023 10:00	571	0
535845	4/24/2023 0:28	4/24/2023 10:00	571	0
1469225	4/24/2023 0:28	4/24/2023 10:00	571	0
535717	4/24/2023 0:35	4/24/2023 10:00	564	0

1309098	4/24/2023 0:57	4/24/2023 10:00	542	0
345647	4/24/2023 1:39	4/24/2023 1:50	11	0
1363415	4/24/2023 1:40	4/24/2023 1:42	2	0
1434359	4/24/2023 1:42	4/24/2023 10:00	497	0
1363415	4/24/2023 1:42	4/24/2023 3:00	78	0
346288	4/24/2023 1:44	4/24/2023 10:00	495	0
345427	4/24/2023 1:47	4/24/2023 2:05	18	0
51483	4/24/2023 1:50	4/24/2023 1:53	3	0
345647	4/24/2023 1:50	4/24/2023 1:59	9	0
51483	4/24/2023 1:53	4/24/2023 3:10	77	0
345647	4/24/2023 1:59	4/24/2023 10:00	480	0
1557100	4/24/2023 2:01	4/24/2023 2:04	3	0
1557100	4/24/2023 2:04	4/24/2023 3:41	97	0
345427	4/24/2023 2:05	4/24/2023 3:07	62	0
1503562	4/24/2023 2:13	4/24/2023 2:17	4	0
1503562	4/24/2023 2:17	4/24/2023 2:33	16	0
1503562	4/24/2023 2:33	4/24/2023 10:00	446	0
972377	4/24/2023 2:38	4/24/2023 2:50	12	0
507365	4/24/2023 2:44	4/24/2023 2:47	3	0
507365	4/24/2023 2:47	4/24/2023 4:24	97	0
972377	4/24/2023 2:50	4/24/2023 6:38	228	0
1363415	4/24/2023 3:00	4/24/2023 10:00	419	0
345427	4/24/2023 3:07	4/24/2023 10:00	412	0
51483	4/24/2023 3:10	4/24/2023 10:00	409	0
1557100	4/24/2023 3:41	4/24/2023 10:00	378	0
507365	4/24/2023 4:24	4/24/2023 10:00	335	0
972377	4/24/2023 6:38	4/24/2023 10:00	201	0
6168330	4/24/2023 10:00	4/24/2023 12:21	141	0.07
1447648	4/24/2023 10:00	4/25/2023 10:00	1439	0.52
1300812	4/24/2023 10:00	4/25/2023 10:00	1439	0.39
1309098	4/24/2023 10:00	4/24/2023 11:23	83	0.12
1527339	4/24/2023 10:00	4/25/2023 10:00	1439	0
1557100	4/24/2023 10:00	4/25/2023 10:00	1439	0.17
564357	4/24/2023 10:00	4/25/2023 10:00	1439	0
264186	4/24/2023 10:00	4/25/2023 10:00	1439	0
345427	4/24/2023 10:00	4/25/2023 10:00	1439	0
801004	4/24/2023 10:00	4/25/2023 10:00	1439	0
1511532	4/24/2023 10:00	4/24/2023 14:08	248	0.42
1390184	4/24/2023 10:00	4/25/2023 10:00	1439	0.47
345647	4/24/2023 10:00	4/25/2023 10:00	1439	0
573677	4/24/2023 10:00	4/25/2023 10:00	1439	0
324045	4/24/2023 10:00	4/24/2023 13:15	195	0.05
535717	4/24/2023 10:00	4/24/2023 12:40	160	0
1434359	4/24/2023 10:00	4/25/2023 10:00	1439	0
46184	4/24/2023 10:00	4/25/2023 10:00	1439	0
51483	4/24/2023 10:00	4/25/2023 1:59	959	0.07
8068454	4/24/2023 10:00	4/24/2023 13:44	224	0

1190820	4/24/2023 10:00	4/25/2023 10:00	1439	0.72
705447	4/24/2023 10:00	4/25/2023 10:00	1439	0
637185	4/24/2023 10:00	4/25/2023 10:00	1439	0
1020274	4/24/2023 10:00	4/25/2023 10:00	1439	0.42
1363415	4/24/2023 10:00	4/25/2023 1:37	937	0.13
1435127	4/24/2023 10:00	4/25/2023 10:00	1439	0
1469225	4/24/2023 10:00	4/25/2023 10:00	1439	0
1511251	4/24/2023 10:00	4/24/2023 14:09	249	0
8766703	4/24/2023 10:00	4/25/2023 10:00	1439	0
1394543	4/24/2023 10:00	4/25/2023 10:00	1439	0.66
572882	4/24/2023 10:00	4/24/2023 12:19	139	0.63
566748	4/24/2023 10:00	4/25/2023 10:00	1439	0
313011	4/24/2023 10:00	4/25/2023 10:00	1439	0
346288	4/24/2023 10:00	4/25/2023 10:00	1439	0.43
1538577	4/24/2023 10:00	4/24/2023 13:38	218	0.17
972377	4/24/2023 10:00	4/24/2023 14:16	256	0.47
572990	4/24/2023 10:00	4/25/2023 10:00	1439	0
628294	4/24/2023 10:40	4/25/2023 1:28	888	0
615889	4/24/2023 10:41	4/25/2023 1:01	860	0.09
238061	4/24/2023 10:58	4/25/2023 1:54	896	0.04
1309098	4/24/2023 11:23	4/24/2023 11:40	17	0.2
791361	4/24/2023 11:27	4/24/2023 20:58	571	0
1321663	4/24/2023 11:32	4/24/2023 23:30	718	0.34
1309098	4/24/2023 11:40	4/24/2023 16:23	283	0.44
1408176	4/24/2023 11:43	4/24/2023 23:31	708	0.71
572882	4/24/2023 12:19	4/24/2023 12:32	13	0.04
6168330	4/24/2023 12:21	4/24/2023 12:37	16	0
237644	4/24/2023 12:29	4/25/2023 2:09	820	0.37
572882	4/24/2023 12:32	4/24/2023 13:59	87	0.2
6168330	4/24/2023 12:37	4/24/2023 14:01	84	0.29
1557188	4/24/2023 12:38	4/24/2023 22:57	619	0
535717	4/24/2023 12:40	4/24/2023 20:12	452	0.11
1351069	4/24/2023 12:53	4/25/2023 1:14	741	0
6761269	4/24/2023 12:55	4/25/2023 0:33	698	0
1356945	4/24/2023 13:09	4/25/2023 1:08	719	0
324045	4/24/2023 13:15	4/24/2023 13:30	15	0
450309	4/24/2023 13:20	4/25/2023 0:28	668	0.16
324045	4/24/2023 13:30	4/24/2023 17:53	263	0
7607485	4/24/2023 13:36	4/25/2023 0:28	652	0.39
1538577	4/24/2023 13:38	4/24/2023 13:42	4	0
1464949	4/24/2023 13:41	4/25/2023 0:38	657	0
1538577	4/24/2023 13:42	4/24/2023 13:58	16	0
325050	4/24/2023 13:43	4/25/2023 0:28	645	0
8068454	4/24/2023 13:44	4/24/2023 13:51	7	0
903630	4/24/2023 13:51	4/25/2023 10:00	1208	0
8068454	4/24/2023 13:51	4/24/2023 14:04	13	0
1299402	4/24/2023 13:51	4/24/2023 14:11	20	0

558031	4/24/2023 13:53	4/25/2023 10:00	1206	0
1538577	4/24/2023 13:58	4/25/2023 0:28	630	0.09
1415622	4/24/2023 13:59	4/25/2023 10:00	1200	0
572882	4/24/2023 13:59	4/24/2023 21:37	458	0.5
237941	4/24/2023 14:01	4/25/2023 0:28	627	0.01
1508563	4/24/2023 14:01	4/25/2023 0:28	627	0.24
6168330	4/24/2023 14:01	4/25/2023 0:38	637	0.36
1557676	4/24/2023 14:03	4/25/2023 10:00	1196	0
8068454	4/24/2023 14:04	4/25/2023 0:28	624	0
448227	4/24/2023 14:05	4/24/2023 20:24	379	0.09
2032900	4/24/2023 14:06	4/24/2023 20:24	378	0.07
1511532	4/24/2023 14:08	4/25/2023 0:28	620	0.4
1511251	4/24/2023 14:09	4/24/2023 20:08	359	0
1299402	4/24/2023 14:11	4/24/2023 20:34	383	0
1417279	4/24/2023 14:16	4/25/2023 0:28	612	0.08
972377	4/24/2023 14:16	4/24/2023 20:54	398	0
1349177	4/24/2023 14:45	4/24/2023 23:35	530	0.09
1309098	4/24/2023 16:23	4/24/2023 23:26	423	0
1332906	4/24/2023 17:22	4/24/2023 23:32	370	0
1362855	4/24/2023 17:40	4/24/2023 23:38	358	0
447406	4/24/2023 17:45	4/25/2023 1:22	457	0
952881	4/24/2023 17:45	4/25/2023 10:00	974	0
324045	4/24/2023 17:53	4/25/2023 1:19	446	0
315752	4/24/2023 17:54	4/24/2023 23:59	365	0
1704326	4/24/2023 19:02	4/25/2023 0:58	356	0
316630	4/24/2023 20:01	4/25/2023 1:47	346	0
1511251	4/24/2023 20:08	4/25/2023 10:00	831	0
535717	4/24/2023 20:12	4/25/2023 10:00	827	0
448227	4/24/2023 20:24	4/25/2023 10:00	815	0
2032900	4/24/2023 20:24	4/25/2023 10:00	815	0
1299402	4/24/2023 20:34	4/25/2023 10:00	805	0
972377	4/24/2023 20:54	4/25/2023 10:00	785	0
791361	4/24/2023 20:58	4/25/2023 0:28	210	0
572882	4/24/2023 21:37	4/25/2023 10:00	742	0
1557188	4/24/2023 22:57	4/25/2023 10:00	662	0
1309098	4/24/2023 23:26	4/25/2023 10:00	633	0
1321663	4/24/2023 23:30	4/25/2023 0:28	58	0
1408176	4/24/2023 23:31	4/25/2023 9:19	588	0
1332906	4/24/2023 23:32	4/25/2023 0:28	56	0
1349177	4/24/2023 23:35	4/25/2023 10:00	624	0
1362855	4/24/2023 23:38	4/25/2023 0:28	50	0
315752	4/24/2023 23:59	4/25/2023 0:28	29	0
1321663	4/25/2023 0:28	4/25/2023 1:10	42	0
1508563	4/25/2023 0:28	4/25/2023 10:00	571	0
1362855	4/25/2023 0:28	4/25/2023 1:18	50	0
237941	4/25/2023 0:28	4/25/2023 10:00	571	0
450309	4/25/2023 0:28	4/25/2023 10:00	571	0

8068454	4/25/2023 0:28	4/25/2023 10:00	571	0
1538577	4/25/2023 0:28	4/25/2023 10:00	571	0
325050	4/25/2023 0:28	4/25/2023 10:00	571	0
7607485	4/25/2023 0:28	4/25/2023 10:00	571	0
1511532	4/25/2023 0:28	4/25/2023 10:00	571	0
1332906	4/25/2023 0:28	4/25/2023 3:32	184	0
1417279	4/25/2023 0:28	4/25/2023 10:00	571	0
791361	4/25/2023 0:28	4/25/2023 1:38	70	0
315752	4/25/2023 0:28	4/25/2023 5:19	291	0
6761269	4/25/2023 0:33	4/25/2023 10:00	566	0
6168330	4/25/2023 0:38	4/25/2023 0:39	1	0
1464949	4/25/2023 0:38	4/25/2023 10:00	561	0
6168330	4/25/2023 0:39	4/25/2023 1:18	39	0
1704326	4/25/2023 0:58	4/25/2023 1:02	4	0
615889	4/25/2023 1:01	4/25/2023 10:00	538	0
1704326	4/25/2023 1:02	4/25/2023 5:18	256	0
1356945	4/25/2023 1:08	4/25/2023 1:19	11	0
1321663	4/25/2023 1:10	4/25/2023 10:00	529	0
1351069	4/25/2023 1:14	4/25/2023 1:29	15	0
6168330	4/25/2023 1:18	4/25/2023 10:00	521	0
1362855	4/25/2023 1:18	4/25/2023 10:00	521	0
1356945	4/25/2023 1:19	4/25/2023 4:28	189	0
324045	4/25/2023 1:19	4/25/2023 1:33	14	0
447406	4/25/2023 1:22	4/25/2023 10:00	517	0
628294	4/25/2023 1:28	4/25/2023 1:35	7	0
1351069	4/25/2023 1:29	4/25/2023 2:39	70	0
324045	4/25/2023 1:33	4/25/2023 1:39	6	0
628294	4/25/2023 1:35	4/25/2023 2:08	33	0
1363415	4/25/2023 1:37	4/25/2023 1:51	14	0
791361	4/25/2023 1:38	4/25/2023 10:00	501	0
324045	4/25/2023 1:39	4/25/2023 10:00	500	0
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51483	4/25/2023 1:59	4/25/2023 2:03	4	0
51483	4/25/2023 2:03	4/25/2023 2:59	56	0
316630	4/25/2023 2:07	4/25/2023 5:27	200	0
628294	4/25/2023 2:08	4/25/2023 10:00	471	0
237644	4/25/2023 2:09	4/25/2023 2:22	13	0
237644	4/25/2023 2:22	4/25/2023 3:49	87	0
1351069	4/25/2023 2:39	4/25/2023 10:00	440	0
51483	4/25/2023 2:59	4/25/2023 10:00	420	0
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1356945	4/25/2023 4:28	4/25/2023 10:00	331	0

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315752	4/25/2023 5:19	4/25/2023 10:00	280	0
316630	4/25/2023 5:27	4/25/2023 10:00	272	0
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595439	4/25/2023 9:12	4/25/2023 10:00	47	0
1408176	4/25/2023 9:19	4/25/2023 10:00	40	0
1557303	4/25/2023 9:50	4/25/2023 10:00	9	0
316630	4/25/2023 10:00	4/25/2023 14:04	244	0.61
8068454	4/25/2023 10:00	4/25/2023 13:52	232	0
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6761269	4/25/2023 10:00	4/25/2023 13:11	191	0
705447	4/25/2023 10:00	4/26/2023 10:00	1439	0
637185	4/25/2023 10:00	4/26/2023 10:00	1439	0
791361	4/25/2023 10:00	4/25/2023 13:53	233	0
1349177	4/25/2023 10:00	4/26/2023 10:00	1439	0.27
1321663	4/25/2023 10:00	4/25/2023 11:23	83	0
1557188	4/25/2023 10:00	4/25/2023 12:44	164	0
448227	4/25/2023 10:00	4/25/2023 14:21	261	0.09
450309	4/25/2023 10:00	4/26/2023 10:00	1439	0.02
447406	4/25/2023 10:00	4/25/2023 16:49	409	0.19
1557303	4/25/2023 10:00	4/26/2023 10:00	1439	0.32
1363415	4/25/2023 10:00	4/26/2023 10:00	1439	0
6168330	4/25/2023 10:00	4/25/2023 12:35	155	0.29
572882	4/25/2023 10:00	4/25/2023 16:12	372	0.68
1415622	4/25/2023 10:00	4/26/2023 10:00	1439	0.03
46184	4/25/2023 10:00	4/26/2023 10:00	1439	0
298043	4/25/2023 10:00	4/25/2023 17:06	426	0
1704326	4/25/2023 10:00	4/26/2023 10:00	1439	0
1538577	4/25/2023 10:00	4/25/2023 13:41	221	0.83
237941	4/25/2023 10:00	4/26/2023 10:00	1439	0.08
595439	4/25/2023 10:00	4/26/2023 10:00	1439	0.02
2032900	4/25/2023 10:00	4/25/2023 14:42	282	1.41
1511251	4/25/2023 10:00	4/26/2023 10:00	1439	0
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615889	4/25/2023 10:00	4/26/2023 10:00	1439	0
1351069	4/25/2023 10:00	4/25/2023 13:14	194	0
325050	4/25/2023 10:00	4/25/2023 13:45	225	0
315752	4/25/2023 10:00	4/25/2023 11:56	116	0.4
237644	4/25/2023 10:00	4/26/2023 10:00	1439	1.02
1511532	4/25/2023 10:00	4/26/2023 10:00	1439	0
1557676	4/25/2023 10:00	4/26/2023 10:00	1439	0.2
324045	4/25/2023 10:00	4/25/2023 12:12	132	0.09
628294	4/25/2023 10:00	4/26/2023 10:00	1439	0

1508563	4/25/2023 10:00	4/26/2023 10:00	1439	0
972377	4/25/2023 10:00	4/26/2023 10:00	1439	0.01
298597	4/25/2023 10:00	4/26/2023 10:00	1439	0.35
1299402	4/25/2023 10:00	4/25/2023 14:32	272	0.62
564357	4/25/2023 10:00	4/26/2023 10:00	1439	0
1356945	4/25/2023 10:00	4/26/2023 10:00	1439	0
1309098	4/25/2023 10:00	4/25/2023 16:37	397	1.17
952881	4/25/2023 10:00	4/26/2023 10:00	1439	0
1417279	4/25/2023 10:00	4/26/2023 10:00	1439	0
298846	4/25/2023 10:00	4/26/2023 10:00	1439	0
7607485	4/25/2023 10:00	4/25/2023 13:43	223	0.71
572990	4/25/2023 10:00	4/26/2023 10:00	1439	0
51483	4/25/2023 10:00	4/25/2023 17:27	447	0.67
558031	4/25/2023 10:00	4/26/2023 10:00	1439	0.18
1362855	4/25/2023 10:00	4/26/2023 10:00	1439	0.39
1321663	4/25/2023 11:23	4/25/2023 11:41	18	0.05
1393633	4/25/2023 11:32	4/25/2023 23:30	718	0
1321663	4/25/2023 11:41	4/25/2023 16:43	302	1.14
1408176	4/25/2023 11:45	4/26/2023 10:00	1334	0.21
315752	4/25/2023 11:56	4/25/2023 12:12	16	0.09
315345	4/25/2023 12:00	4/25/2023 23:58	718	0.68
507365	4/25/2023 12:08	4/25/2023 20:56	528	0
1464949	4/25/2023 12:12	4/26/2023 1:19	787	0
324045	4/25/2023 12:12	4/26/2023 1:22	790	0.15
315752	4/25/2023 12:12	4/25/2023 16:56	284	0.47
6168330	4/25/2023 12:35	4/25/2023 12:41	6	0.1
6168330	4/25/2023 12:41	4/25/2023 16:55	254	0.26
1557188	4/25/2023 12:44	4/25/2023 13:03	19	0
1557188	4/25/2023 13:03	4/25/2023 16:44	221	0
6761269	4/25/2023 13:11	4/25/2023 13:17	6	0
1351069	4/25/2023 13:14	4/25/2023 13:33	19	0
6761269	4/25/2023 13:17	4/25/2023 16:51	214	0
1351069	4/25/2023 13:33	4/25/2023 16:54	201	0
1538577	4/25/2023 13:41	4/25/2023 13:49	8	0
7607485	4/25/2023 13:43	4/25/2023 13:48	5	0
325050	4/25/2023 13:45	4/25/2023 14:03	18	0
7607485	4/25/2023 13:48	4/25/2023 14:19	31	0
1538577	4/25/2023 13:49	4/25/2023 16:41	172	0.26
561672	4/25/2023 13:50	4/26/2023 0:28	638	0.15
315604	4/25/2023 13:52	4/26/2023 0:41	649	0
8068454	4/25/2023 13:52	4/25/2023 13:58	6	0
791361	4/25/2023 13:53	4/25/2023 21:22	449	0
313954	4/25/2023 13:57	4/26/2023 0:28	631	0
8068454	4/25/2023 13:58	4/25/2023 16:52	174	0
903630	4/25/2023 14:02	4/26/2023 10:00	1197	0
325050	4/25/2023 14:03	4/25/2023 16:45	162	0
316630	4/25/2023 14:04	4/25/2023 14:11	7	0.1

1466638	4/25/2023 14:04	4/26/2023 0:28	624	0
345647	4/25/2023 14:04	4/26/2023 0:28	624	0
313011	4/25/2023 14:08	4/26/2023 0:52	644	0
316630	4/25/2023 14:11	4/25/2023 17:04	173	0.47
346288	4/25/2023 14:18	4/26/2023 0:56	638	0
7607485	4/25/2023 14:19	4/26/2023 0:28	609	0.38
448227	4/25/2023 14:21	4/25/2023 14:37	16	0
1299402	4/25/2023 14:32	4/25/2023 14:48	16	0
448227	4/25/2023 14:37	4/25/2023 17:21	164	0
2032900	4/25/2023 14:42	4/25/2023 14:53	11	0
1299402	4/25/2023 14:48	4/25/2023 16:52	124	0.02
2032900	4/25/2023 14:53	4/25/2023 17:02	129	0
1020274	4/25/2023 14:57	4/25/2023 21:03	366	0
572882	4/25/2023 16:12	4/25/2023 23:58	466	0
1309133	4/25/2023 16:28	4/26/2023 10:00	1051	0
1309098	4/25/2023 16:37	4/25/2023 23:33	416	0
1538577	4/25/2023 16:41	4/26/2023 0:28	467	0
396857	4/25/2023 16:41	4/26/2023 10:00	1038	0
1321663	4/25/2023 16:43	4/25/2023 23:27	404	0
1557188	4/25/2023 16:44	4/26/2023 0:28	464	0
325050	4/25/2023 16:45	4/26/2023 0:28	463	0
506261	4/25/2023 16:48	4/26/2023 1:16	508	0
447406	4/25/2023 16:49	4/26/2023 0:23	454	0
6761269	4/25/2023 16:51	4/26/2023 0:34	463	0
1299402	4/25/2023 16:52	4/25/2023 20:30	218	0
8068454	4/25/2023 16:52	4/26/2023 0:30	458	0
1593364	4/25/2023 16:53	4/26/2023 10:00	1026	0
1351069	4/25/2023 16:54	4/26/2023 0:37	463	0
1355611	4/25/2023 16:54	4/26/2023 10:00	1025	0
6168330	4/25/2023 16:55	4/26/2023 0:33	458	0
315752	4/25/2023 16:56	4/25/2023 23:54	418	0
288804	4/25/2023 16:56	4/26/2023 0:35	459	0
315346	4/25/2023 16:57	4/26/2023 0:37	460	0
2032900	4/25/2023 17:02	4/25/2023 20:26	204	0
381338	4/25/2023 17:02	4/26/2023 2:27	565	0
316630	4/25/2023 17:04	4/26/2023 0:43	459	0
298043	4/25/2023 17:06	4/26/2023 10:00	1013	0
1394543	4/25/2023 17:09	4/26/2023 10:00	1010	0
1557100	4/25/2023 17:09	4/26/2023 0:44	455	0
448227	4/25/2023 17:21	4/25/2023 20:25	184	0
561757	4/25/2023 17:23	4/26/2023 10:00	996	0
51483	4/25/2023 17:27	4/26/2023 1:10	463	0
859747	4/25/2023 17:28	4/26/2023 1:05	457	0
1469225	4/25/2023 17:34	4/26/2023 1:05	451	0
314564	4/25/2023 20:04	4/26/2023 0:28	264	0
448227	4/25/2023 20:25	4/26/2023 0:28	243	0
2032900	4/25/2023 20:26	4/26/2023 0:28	242	0

1299402	4/25/2023 20:30	4/26/2023 10:00	809	0
507365	4/25/2023 20:56	4/26/2023 0:28	212	0
1020274	4/25/2023 21:03	4/26/2023 10:00	776	0
791361	4/25/2023 21:22	4/26/2023 10:00	757	0
1321663	4/25/2023 23:27	4/26/2023 10:00	632	0
1393633	4/25/2023 23:30	4/26/2023 0:28	58	0
1309098	4/25/2023 23:33	4/26/2023 10:00	626	0
315752	4/25/2023 23:54	4/26/2023 0:28	34	0
572882	4/25/2023 23:58	4/26/2023 10:00	601	0
315345	4/25/2023 23:58	4/26/2023 0:28	30	0
447406	4/26/2023 0:23	4/26/2023 10:00	576	0
1466638	4/26/2023 0:28	4/26/2023 10:00	571	0
507365	4/26/2023 0:28	4/26/2023 1:39	71	0
1557188	4/26/2023 0:28	4/26/2023 10:00	571	0
2032900	4/26/2023 0:28	4/26/2023 0:46	18	0
315345	4/26/2023 0:28	4/26/2023 0:38	10	0
325050	4/26/2023 0:28	4/26/2023 10:00	571	0
1393633	4/26/2023 0:28	4/26/2023 0:30	2	0
7607485	4/26/2023 0:28	4/26/2023 10:00	571	0
315752	4/26/2023 0:28	4/26/2023 0:34	6	0
345647	4/26/2023 0:28	4/26/2023 10:00	571	0
1538577	4/26/2023 0:28	4/26/2023 10:00	571	0
314564	4/26/2023 0:28	4/26/2023 10:00	571	0
313954	4/26/2023 0:28	4/26/2023 10:00	571	0
561672	4/26/2023 0:28	4/26/2023 10:00	571	0
448227	4/26/2023 0:28	4/26/2023 1:05	37	0
1393633	4/26/2023 0:30	4/26/2023 10:00	569	0
8068454	4/26/2023 0:30	4/26/2023 10:00	569	0
6168330	4/26/2023 0:33	4/26/2023 10:00	566	0
6761269	4/26/2023 0:34	4/26/2023 10:00	565	0
315752	4/26/2023 0:34	4/26/2023 10:00	565	0
288804	4/26/2023 0:35	4/26/2023 10:00	564	0
315346	4/26/2023 0:37	4/26/2023 10:00	562	0
1351069	4/26/2023 0:37	4/26/2023 10:00	562	0
315345	4/26/2023 0:38	4/26/2023 10:00	561	0
315604	4/26/2023 0:41	4/26/2023 10:00	558	0
316630	4/26/2023 0:43	4/26/2023 10:00	556	0
1557100	4/26/2023 0:44	4/26/2023 10:00	555	0
2032900	4/26/2023 0:46	4/26/2023 10:00	553	0
313011	4/26/2023 0:52	4/26/2023 10:00	547	0
346288	4/26/2023 0:56	4/26/2023 10:00	543	0
1469225	4/26/2023 1:05	4/26/2023 10:00	534	0
448227	4/26/2023 1:05	4/26/2023 10:00	534	0
859747	4/26/2023 1:05	4/26/2023 10:00	534	0
51483	4/26/2023 1:10	4/26/2023 10:00	529	0
506261	4/26/2023 1:16	4/26/2023 1:36	20	0
1464949	4/26/2023 1:19	4/26/2023 10:00	520	0

324045	4/26/2023 1:22	4/26/2023 1:41	19	0
506261	4/26/2023 1:36	4/26/2023 2:36	60	0
507365	4/26/2023 1:39	4/26/2023 10:00	500	0
324045	4/26/2023 1:41	4/26/2023 3:01	80	0
381338	4/26/2023 2:27	4/26/2023 2:35	8	0
381338	4/26/2023 2:35	4/26/2023 3:01	26	0
506261	4/26/2023 2:36	4/26/2023 10:00	443	0
324045	4/26/2023 3:01	4/26/2023 10:00	418	0
381338	4/26/2023 3:01	4/26/2023 10:00	418	0
324045	4/26/2023 10:00	4/26/2023 12:27	147	0
572990	4/26/2023 10:00	4/27/2023 10:00	1439	0
1351069	4/26/2023 10:00	4/27/2023 10:00	1439	0
2032900	4/26/2023 10:00	4/27/2023 10:00	1439	0
1355611	4/26/2023 10:00	4/27/2023 10:00	1439	0.02
1557100	4/26/2023 10:00	4/27/2023 10:00	1439	0.11
1020274	4/26/2023 10:00	4/27/2023 10:00	1439	0.95
1393633	4/26/2023 10:00	4/27/2023 10:00	1439	0
447406	4/26/2023 10:00	4/27/2023 10:00	1439	0.33
288804	4/26/2023 10:00	4/26/2023 14:26	266	0.8
572882	4/26/2023 10:00	4/26/2023 12:36	156	0.82
381338	4/26/2023 10:00	4/27/2023 10:00	1439	0.34
315346	4/26/2023 10:00	4/27/2023 10:00	1439	1.65
558031	4/26/2023 10:00	4/26/2023 12:33	153	0
448227	4/26/2023 10:00	4/26/2023 12:25	145	0
1538577	4/26/2023 10:00	4/26/2023 12:17	137	0.12
450309	4/26/2023 10:00	4/26/2023 13:37	217	1.1
315345	4/26/2023 10:00	4/27/2023 10:00	1439	4.31
1466638	4/26/2023 10:00	4/27/2023 10:00	1439	0
316630	4/26/2023 10:00	4/26/2023 12:27	147	0.29
705447	4/26/2023 10:00	4/27/2023 10:00	1439	0
561672	4/26/2023 10:00	4/27/2023 10:00	1439	0.24
564357	4/26/2023 10:00	4/27/2023 10:00	1439	0
46184	4/26/2023 10:00	4/27/2023 10:00	1439	0
345647	4/26/2023 10:00	4/27/2023 10:00	1439	0
1321663	4/26/2023 10:00	4/27/2023 10:00	1439	0
561757	4/26/2023 10:00	4/27/2023 10:00	1439	0.01
507365	4/26/2023 10:00	4/26/2023 14:32	272	0
1299402	4/26/2023 10:00	4/27/2023 10:00	1439	0
51483	4/26/2023 10:00	4/27/2023 0:28	868	0.09
314564	4/26/2023 10:00	4/26/2023 12:24	144	0
1557188	4/26/2023 10:00	4/26/2023 12:23	143	0
6168330	4/26/2023 10:00	4/26/2023 12:28	148	0.07
7607485	4/26/2023 10:00	4/27/2023 10:00	1439	0.42
1309133	4/26/2023 10:00	4/27/2023 10:00	1439	0.57
637185	4/26/2023 10:00	4/27/2023 10:00	1439	0
1394543	4/26/2023 10:00	4/27/2023 2:29	989	0.51
396857	4/26/2023 10:00	4/27/2023 10:00	1439	0

8068454	4/26/2023 10:00	4/26/2023 12:31	151	0
346288	4/26/2023 10:00	4/27/2023 10:00	1439	0.1
6761269	4/26/2023 10:00	4/27/2023 10:00	1439	0
315604	4/26/2023 10:00	4/27/2023 10:00	1439	0.05
1593364	4/26/2023 10:00	4/27/2023 10:00	1439	0
315752	4/26/2023 10:00	4/27/2023 10:00	1439	0.13
859747	4/26/2023 10:00	4/27/2023 10:00	1439	0
313011	4/26/2023 10:00	4/26/2023 12:32	152	0
506261	4/26/2023 10:00	4/27/2023 10:00	1439	0.44
1464949	4/26/2023 10:00	4/26/2023 13:53	233	0
791361	4/26/2023 10:00	4/26/2023 15:24	324	0
264186	4/26/2023 10:00	4/27/2023 10:00	1439	0
325050	4/26/2023 10:00	4/26/2023 12:25	145	0
1415622	4/26/2023 10:00	4/27/2023 10:00	1439	0.19
313954	4/26/2023 10:00	4/27/2023 10:00	1439	1.05
1469225	4/26/2023 10:00	4/27/2023 10:00	1439	0
1408176	4/26/2023 10:36	4/26/2023 21:10	634	1.49
1309098	4/26/2023 11:28	4/26/2023 23:31	723	0.98
1538577	4/26/2023 12:17	4/27/2023 1:57	820	0.68
169731	4/26/2023 12:20	4/27/2023 10:00	1299	0
1508563	4/26/2023 12:20	4/27/2023 2:37	857	0.8
1557188	4/26/2023 12:23	4/27/2023 0:28	725	0
314564	4/26/2023 12:24	4/27/2023 2:22	838	0
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448227	4/26/2023 12:25	4/27/2023 2:38	853	0
1511251	4/26/2023 12:25	4/26/2023 20:23	478	0
316630	4/26/2023 12:27	4/27/2023 2:10	823	0.8
324045	4/26/2023 12:27	4/27/2023 1:30	783	0.01
6168330	4/26/2023 12:28	4/26/2023 23:38	670	0.32
1518507	4/26/2023 12:28	4/27/2023 0:57	749	0.08
1356945	4/26/2023 12:28	4/27/2023 1:32	784	0
568157	4/26/2023 12:29	4/27/2023 1:27	778	0
8068454	4/26/2023 12:31	4/27/2023 0:28	717	0
313011	4/26/2023 12:32	4/27/2023 2:10	818	0
558031	4/26/2023 12:33	4/27/2023 0:28	715	0
972377	4/26/2023 12:34	4/26/2023 20:18	464	0.51
1557676	4/26/2023 12:35	4/27/2023 10:00	1284	0
7415418	4/26/2023 12:35	4/27/2023 0:28	713	0
572882	4/26/2023 12:36	4/27/2023 0:40	724	0.74
450309	4/26/2023 13:37	4/26/2023 13:40	3	0
450309	4/26/2023 13:40	4/26/2023 15:47	127	0
1464949	4/26/2023 13:53	4/26/2023 14:10	17	0
1464949	4/26/2023 14:10	4/26/2023 17:13	183	0
288804	4/26/2023 14:26	4/26/2023 14:31	5	0.04
288804	4/26/2023 14:31	4/26/2023 15:06	35	0
507365	4/26/2023 14:32	4/26/2023 21:22	410	0
288804	4/26/2023 15:06	4/27/2023 2:04	658	0.05

791361	4/26/2023 15:24	4/26/2023 15:31	7	0
791361	4/26/2023 15:31	4/26/2023 16:24	53	0
450309	4/26/2023 15:47	4/27/2023 0:28	521	0
406786	4/26/2023 16:23	4/27/2023 10:00	1056	0
791361	4/26/2023 16:24	4/26/2023 21:24	300	0
1464949	4/26/2023 17:13	4/27/2023 0:28	435	0
405593	4/26/2023 17:17	4/27/2023 0:56	459	0
1343695	4/26/2023 19:32	4/27/2023 10:00	867	0
767066	4/26/2023 19:56	4/27/2023 1:55	359	0
903630	4/26/2023 20:12	4/27/2023 10:00	827	0
972377	4/26/2023 20:18	4/27/2023 10:00	821	0
1511251	4/26/2023 20:23	4/27/2023 0:28	245	0
1408176	4/26/2023 21:10	4/27/2023 9:48	758	0
507365	4/26/2023 21:22	4/27/2023 10:00	757	0
791361	4/26/2023 21:24	4/27/2023 10:00	755	0
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6168330	4/26/2023 23:38	4/27/2023 10:00	621	0
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1309098	4/27/2023 0:28	4/27/2023 1:31	63	0
7415418	4/27/2023 0:28	4/27/2023 10:00	571	0
1557188	4/27/2023 0:28	4/27/2023 10:00	571	0
51483	4/27/2023 0:28	4/27/2023 10:00	571	0
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572882	4/27/2023 0:40	4/27/2023 0:41	1	0
572882	4/27/2023 0:41	4/27/2023 4:00	199	0
405593	4/27/2023 0:56	4/27/2023 10:00	543	0
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568157	4/27/2023 1:27	4/27/2023 1:34	7	0
324045	4/27/2023 1:30	4/27/2023 1:48	18	0
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1356945	4/27/2023 1:33	4/27/2023 3:52	139	0
568157	4/27/2023 1:34	4/27/2023 3:47	133	0
325050	4/27/2023 1:43	4/27/2023 10:00	496	0
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324045	4/27/2023 1:50	4/27/2023 10:00	489	0
767066	4/27/2023 1:55	4/27/2023 1:56	1	0
767066	4/27/2023 1:56	4/27/2023 3:35	99	0
1538577	4/27/2023 1:57	4/27/2023 2:02	5	0
1538577	4/27/2023 2:02	4/27/2023 3:37	95	0
288804	4/27/2023 2:04	4/27/2023 10:00	475	0
313011	4/27/2023 2:10	4/27/2023 2:26	16	0
316630	4/27/2023 2:10	4/27/2023 2:26	16	0

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1511251	4/27/2023 2:23	4/27/2023 2:41	18	0
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313011	4/27/2023 2:26	4/27/2023 3:50	84	0
1394543	4/27/2023 2:29	4/27/2023 2:47	18	0
1508563	4/27/2023 2:37	4/27/2023 2:42	5	0
448227	4/27/2023 2:38	4/27/2023 2:55	17	0
1511251	4/27/2023 2:41	4/27/2023 3:43	62	0
1508563	4/27/2023 2:42	4/27/2023 4:17	95	0
1394543	4/27/2023 2:47	4/27/2023 3:29	42	0
448227	4/27/2023 2:55	4/27/2023 3:38	43	0
1394543	4/27/2023 3:29	4/27/2023 10:00	390	0
767066	4/27/2023 3:35	4/27/2023 10:00	384	0
1518507	4/27/2023 3:37	4/27/2023 10:00	382	0
1538577	4/27/2023 3:37	4/27/2023 10:00	382	0
448227	4/27/2023 3:38	4/27/2023 10:00	381	0
314564	4/27/2023 3:42	4/27/2023 10:00	377	0
1511251	4/27/2023 3:43	4/27/2023 10:00	376	0
568157	4/27/2023 3:47	4/27/2023 10:00	372	0
313011	4/27/2023 3:50	4/27/2023 10:00	369	0
316630	4/27/2023 3:50	4/27/2023 10:00	369	0
1356945	4/27/2023 3:52	4/27/2023 10:00	367	0
572882	4/27/2023 4:00	4/27/2023 10:00	359	0
1508563	4/27/2023 4:17	4/27/2023 10:00	342	0
8511623	4/27/2023 8:38	4/27/2023 10:00	81	0
1408176	4/27/2023 9:48	4/27/2023 10:00	11	0
595439	4/27/2023 9:49	4/27/2023 10:00	10	0
572882	4/27/2023 10:00	4/27/2023 12:30	150	0.08
6168330	4/27/2023 10:00	4/27/2023 12:31	151	0.23
903630	4/27/2023 10:00	4/28/2023 10:00	1439	0.05
767066	4/27/2023 10:00	4/28/2023 10:00	1439	0
1557188	4/27/2023 10:00	4/27/2023 13:06	186	0
1508563	4/27/2023 10:00	4/28/2023 10:00	1439	0.04
314564	4/27/2023 10:00	4/28/2023 0:28	868	0
288804	4/27/2023 10:00	4/28/2023 10:00	1439	0.03
325050	4/27/2023 10:00	4/27/2023 14:17	257	0
169731	4/27/2023 10:00	4/28/2023 10:00	1439	0.56
316630	4/27/2023 10:00	4/27/2023 19:16	556	1.3
1356945	4/27/2023 10:00	4/28/2023 10:00	1439	0
568157	4/27/2023 10:00	4/28/2023 10:00	1439	0
1557676	4/27/2023 10:00	4/28/2023 10:00	1439	0.05
637185	4/27/2023 10:00	4/28/2023 10:00	1439	0
1309098	4/27/2023 10:00	4/28/2023 10:00	1439	0.32
972377	4/27/2023 10:00	4/27/2023 11:34	94	0
7415418	4/27/2023 10:00	4/28/2023 10:00	1439	0
1343695	4/27/2023 10:00	4/28/2023 10:00	1439	0

448227	4/27/2023 10:00	4/28/2023 10:00	1439	0
8068454	4/27/2023 10:00	4/27/2023 14:08	248	0
450309	4/27/2023 10:00	4/28/2023 10:00	1439	0.18
313011	4/27/2023 10:00	4/28/2023 2:26	986	0
51483	4/27/2023 10:00	4/27/2023 14:19	259	0.74
564357	4/27/2023 10:00	4/28/2023 10:00	1439	0
315752	4/27/2023 10:00	4/27/2023 12:16	136	0.02
1408176	4/27/2023 10:00	4/28/2023 10:00	1439	0.03
1511251	4/27/2023 10:00	4/27/2023 11:15	75	0
1518507	4/27/2023 10:00	4/28/2023 10:00	1439	0.38
405593	4/27/2023 10:00	4/27/2023 11:00	60	0
264186	4/27/2023 10:00	4/28/2023 10:00	1439	0
595439	4/27/2023 10:00	4/28/2023 10:00	1439	0
1394543	4/27/2023 10:00	4/28/2023 10:00	1439	0.53
791361	4/27/2023 10:00	4/27/2023 12:39	159	0
572990	4/27/2023 10:00	4/28/2023 10:00	1439	0
1538577	4/27/2023 10:00	4/27/2023 14:04	244	0.26
1355611	4/27/2023 10:02	4/28/2023 10:00	1437	0.05
406786	4/27/2023 10:29	4/28/2023 10:00	1410	0.01
405593	4/27/2023 11:00	4/27/2023 20:58	598	0
346288	4/27/2023 11:13	4/27/2023 11:33	20	0
1511251	4/27/2023 11:15	4/28/2023 2:33	918	0
2032900	4/27/2023 11:20	4/27/2023 21:19	599	0.47
507365	4/27/2023 11:27	4/28/2023 10:00	1352	0
1321663	4/27/2023 11:29	4/27/2023 23:27	718	0.15
561757	4/27/2023 11:30	4/28/2023 10:00	1349	0
1395587	4/27/2023 11:31	4/28/2023 10:00	1348	0
346288	4/27/2023 11:33	4/27/2023 20:31	538	1.91
972377	4/27/2023 11:34	4/27/2023 21:38	604	0.5
315752	4/27/2023 12:16	4/28/2023 0:01	705	0.06
572882	4/27/2023 12:30	4/27/2023 12:43	13	0
6168330	4/27/2023 12:31	4/27/2023 12:49	18	0
791361	4/27/2023 12:39	4/27/2023 21:55	556	0
572882	4/27/2023 12:43	4/27/2023 14:23	100	0
6168330	4/27/2023 12:49	4/27/2023 17:31	282	0.23
1557188	4/27/2023 13:06	4/27/2023 13:14	8	0
1557188	4/27/2023 13:14	4/27/2023 14:49	95	0
324045	4/27/2023 13:34	4/27/2023 13:51	17	0
1404368	4/27/2023 13:40	4/28/2023 1:19	699	0.13
558031	4/27/2023 13:43	4/27/2023 13:48	5	0
558031	4/27/2023 13:48	4/27/2023 17:43	235	0
324045	4/27/2023 13:51	4/27/2023 17:34	223	0
1538577	4/27/2023 14:04	4/27/2023 14:06	2	0
1538577	4/27/2023 14:06	4/27/2023 17:04	178	0
8068454	4/27/2023 14:08	4/27/2023 14:16	8	0
315604	4/27/2023 14:10	4/28/2023 2:17	727	0
1464949	4/27/2023 14:14	4/27/2023 14:19	5	0

1466638	4/27/2023 14:14	4/28/2023 1:12	658	0
8068454	4/27/2023 14:16	4/27/2023 17:28	192	0
325050	4/27/2023 14:17	4/27/2023 14:21	4	0
51483	4/27/2023 14:19	4/27/2023 14:26	7	0
1464949	4/27/2023 14:19	4/27/2023 15:35	76	0
325050	4/27/2023 14:21	4/27/2023 16:37	136	0
572882	4/27/2023 14:23	4/27/2023 22:10	467	0
51483	4/27/2023 14:26	4/27/2023 15:19	53	0
1557303	4/27/2023 14:27	4/28/2023 2:31	724	0.01
1511532	4/27/2023 14:36	4/28/2023 2:48	732	0.51
1557188	4/27/2023 14:49	4/28/2023 0:28	579	0
596091	4/27/2023 14:53	4/28/2023 0:28	575	0
1417279	4/27/2023 15:00	4/28/2023 0:28	568	0
1363415	4/27/2023 15:04	4/28/2023 0:28	564	0.18
1556486	4/27/2023 15:10	4/28/2023 3:26	736	0
1445912	4/27/2023 15:10	4/28/2023 0:28	558	0
51483	4/27/2023 15:19	4/28/2023 0:30	551	0
1464949	4/27/2023 15:35	4/28/2023 0:28	533	0
325050	4/27/2023 16:37	4/28/2023 0:28	471	0
1538577	4/27/2023 17:04	4/28/2023 0:44	460	0
561672	4/27/2023 17:15	4/28/2023 1:01	466	0
566748	4/27/2023 17:21	4/28/2023 10:00	998	0
8068454	4/27/2023 17:28	4/28/2023 2:04	516	0
6168330	4/27/2023 17:31	4/28/2023 0:49	438	0
1350129	4/27/2023 17:33	4/28/2023 10:00	986	0
324045	4/27/2023 17:34	4/28/2023 1:12	458	0
1415622	4/27/2023 17:43	4/28/2023 10:00	976	0
558031	4/27/2023 17:43	4/28/2023 1:27	464	0
573677	4/27/2023 19:15	4/28/2023 10:00	884	0
316630	4/27/2023 19:16	4/28/2023 2:27	431	0
346288	4/27/2023 20:31	4/28/2023 0:28	237	0
405593	4/27/2023 20:58	4/28/2023 0:28	210	0
2032900	4/27/2023 21:19	4/28/2023 0:28	189	0
972377	4/27/2023 21:38	4/28/2023 0:28	170	0
791361	4/27/2023 21:55	4/28/2023 0:28	153	0
572882	4/27/2023 22:10	4/28/2023 10:00	709	0
1321663	4/27/2023 23:27	4/28/2023 0:28	61	0
315752	4/28/2023 0:01	4/28/2023 1:01	60	0
1417279	4/28/2023 0:28	4/28/2023 10:00	571	0
1557188	4/28/2023 0:28	4/28/2023 10:00	571	0
325050	4/28/2023 0:28	4/28/2023 10:00	571	0
2032900	4/28/2023 0:28	4/28/2023 2:39	131	0
1464949	4/28/2023 0:28	4/28/2023 10:00	571	0
1321663	4/28/2023 0:28	4/28/2023 0:47	19	0
1363415	4/28/2023 0:28	4/28/2023 10:00	571	0
791361	4/28/2023 0:28	4/28/2023 3:55	207	0
1445912	4/28/2023 0:28	4/28/2023 10:00	571	0

972377	4/28/2023 0:28	4/28/2023 2:58	150	0
346288	4/28/2023 0:28	4/28/2023 2:31	123	0
405593	4/28/2023 0:28	4/28/2023 3:47	199	0
596091	4/28/2023 0:28	4/28/2023 10:00	571	0
314564	4/28/2023 0:28	4/28/2023 10:00	571	0
51483	4/28/2023 0:30	4/28/2023 10:00	569	0
1538577	4/28/2023 0:44	4/28/2023 10:00	555	0
1321663	4/28/2023 0:47	4/28/2023 10:00	552	0
6168330	4/28/2023 0:49	4/28/2023 0:52	3	0
6168330	4/28/2023 0:52	4/28/2023 1:09	17	0
315752	4/28/2023 1:01	4/28/2023 10:00	538	0
561672	4/28/2023 1:01	4/28/2023 10:00	538	0
6168330	4/28/2023 1:09	4/28/2023 10:00	530	0
1466638	4/28/2023 1:12	4/28/2023 10:00	527	0
324045	4/28/2023 1:12	4/28/2023 10:00	527	0
1404368	4/28/2023 1:19	4/28/2023 10:00	520	0
558031	4/28/2023 1:27	4/28/2023 10:00	512	0
8068454	4/28/2023 2:04	4/28/2023 2:22	18	0
315604	4/28/2023 2:17	4/28/2023 2:35	18	0
8068454	4/28/2023 2:22	4/28/2023 4:44	142	0
313011	4/28/2023 2:26	4/28/2023 2:37	11	0
316630	4/28/2023 2:27	4/28/2023 2:37	10	0
1557303	4/28/2023 2:31	4/28/2023 2:42	11	0
346288	4/28/2023 2:31	4/28/2023 2:46	15	0
1511251	4/28/2023 2:33	4/28/2023 10:00	446	0
315604	4/28/2023 2:35	4/28/2023 2:37	2	0
316630	4/28/2023 2:37	4/28/2023 2:47	10	0
313011	4/28/2023 2:37	4/28/2023 2:46	9	0
315604	4/28/2023 2:37	4/28/2023 10:00	442	0
2032900	4/28/2023 2:39	4/28/2023 10:00	440	0
1557303	4/28/2023 2:42	4/28/2023 2:51	9	0
313011	4/28/2023 2:46	4/28/2023 10:00	433	0
346288	4/28/2023 2:46	4/28/2023 2:51	5	0
316630	4/28/2023 2:47	4/28/2023 10:00	432	0
1511532	4/28/2023 2:48	4/28/2023 10:00	431	0
1557303	4/28/2023 2:51	4/28/2023 10:00	428	0
346288	4/28/2023 2:51	4/28/2023 10:00	428	0
972377	4/28/2023 2:58	4/28/2023 10:00	421	0
1556486	4/28/2023 3:26	4/28/2023 3:37	11	0
1556486	4/28/2023 3:37	4/28/2023 5:06	89	0
405593	4/28/2023 3:47	4/28/2023 10:00	372	0
791361	4/28/2023 3:55	4/28/2023 3:56	1	0
791361	4/28/2023 3:56	4/28/2023 5:15	79	0
8068454	4/28/2023 4:44	4/28/2023 10:00	315	0
1556486	4/28/2023 5:06	4/28/2023 10:00	293	0
791361	4/28/2023 5:15	4/28/2023 10:00	284	0
8511623	4/28/2023 8:40	4/28/2023 10:00	79	0

1362130	4/28/2023 9:41	4/28/2023 10:00	18	0
1417279	4/28/2023 10:00	4/28/2023 15:13	313	0
2032900	4/28/2023 10:00	4/28/2023 15:14	314	0
572990	4/28/2023 10:00	4/29/2023 10:00	1439	0
1556486	4/28/2023 10:00	4/28/2023 15:26	326	0
1508563	4/28/2023 10:00	4/28/2023 14:47	287	0
346288	4/28/2023 10:00	4/29/2023 10:00	1439	0
972377	4/28/2023 10:00	4/28/2023 15:38	338	0
566748	4/28/2023 10:00	4/29/2023 10:00	1439	0
324045	4/28/2023 10:00	4/28/2023 13:52	232	0
637185	4/28/2023 10:00	4/29/2023 10:00	1439	0
1511251	4/28/2023 10:00	4/28/2023 14:48	288	0
46184	4/28/2023 10:00	4/29/2023 10:00	1439	0
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51483	4/28/2023 10:00	4/28/2023 14:25	265	0
1404368	4/28/2023 10:00	4/29/2023 10:00	1439	0
561757	4/28/2023 10:00	4/29/2023 10:00	1439	0
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705447	4/28/2023 10:00	4/29/2023 10:00	1439	0
1464949	4/28/2023 10:00	4/28/2023 14:15	255	0
573677	4/28/2023 10:00	4/29/2023 10:00	1439	0
1445912	4/28/2023 10:00	4/29/2023 10:00	1439	0
6168330	4/28/2023 10:00	4/29/2023 10:00	1439	0
791361	4/28/2023 10:05	4/29/2023 10:00	1434	0
1321663	4/28/2023 11:23	4/28/2023 11:43	20	0
1320845	4/28/2023 11:28	4/28/2023 21:42	614	0

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324045	4/28/2023 13:52	4/28/2023 14:00	8	0
7607485	4/28/2023 13:57	4/29/2023 1:11	674	0
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1431752	4/28/2023 14:12	4/29/2023 1:29	677	0
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1464949	4/28/2023 14:15	4/28/2023 14:29	14	0
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51483	4/28/2023 14:25	4/28/2023 14:37	12	0
325050	4/28/2023 14:27	4/28/2023 14:32	5	0
1464949	4/28/2023 14:29	4/28/2023 14:35	6	0
325050	4/28/2023 14:32	4/28/2023 15:27	55	0
1464949	4/28/2023 14:35	4/28/2023 20:33	358	0
51483	4/28/2023 14:37	4/28/2023 17:05	148	0
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1511532	4/28/2023 14:58	4/28/2023 16:08	70	0
8668965	4/28/2023 15:01	4/29/2023 0:28	567	0
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1417279	4/28/2023 15:14	4/28/2023 16:13	59	0
2032900	4/28/2023 15:14	4/28/2023 15:30	16	0
1556486	4/28/2023 15:26	4/28/2023 15:42	16	0
325050	4/28/2023 15:27	4/29/2023 1:26	599	0
2032900	4/28/2023 15:30	4/28/2023 15:54	24	0
1395587	4/28/2023 15:35	4/28/2023 15:45	10	0
972377	4/28/2023 15:38	4/28/2023 15:50	12	0
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507365	4/28/2023 15:44	4/28/2023 21:44	360	0
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1309133	4/28/2023 15:47	4/29/2023 10:00	1092	0
972377	4/28/2023 15:50	4/28/2023 16:18	28	0
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1321663	4/28/2023 16:03	4/28/2023 23:23	440	0
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1508563	4/28/2023 16:07	4/29/2023 1:43	576	0
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1324274	4/28/2023 17:05	4/29/2023 1:02	477	0
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1393633	4/28/2023 17:44	4/28/2023 23:43	359	0
188639	4/28/2023 17:59	4/29/2023 1:36	457	0
396857	4/28/2023 18:00	4/29/2023 10:00	959	0
450309	4/28/2023 18:03	4/29/2023 10:00	956	0
447406	4/28/2023 18:27	4/29/2023 0:08	341	0
1621462	4/28/2023 18:34	4/29/2023 10:00	925	0
1538577	4/28/2023 20:06	4/29/2023 0:28	262	0
1464949	4/28/2023 20:33	4/29/2023 10:00	806	0
1466638	4/28/2023 20:36	4/29/2023 10:00	803	0
972377	4/28/2023 21:18	4/29/2023 10:00	761	0
2032900	4/28/2023 21:37	4/29/2023 0:28	171	0
1320845	4/28/2023 21:42	4/29/2023 10:00	737	0
1556486	4/28/2023 21:43	4/29/2023 0:28	165	0
507365	4/28/2023 21:44	4/29/2023 10:00	735	0
1020466	4/28/2023 21:57	4/29/2023 0:28	151	0
1321663	4/28/2023 23:23	4/29/2023 0:28	65	0
1362855	4/28/2023 23:27	4/29/2023 0:28	61	0
1408176	4/28/2023 23:29	4/29/2023 0:28	59	0
1557676	4/28/2023 23:34	4/29/2023 0:28	54	0
1393633	4/28/2023 23:43	4/29/2023 0:28	45	0
447406	4/29/2023 0:08	4/29/2023 10:00	591	0
1408176	4/29/2023 0:28	4/29/2023 4:04	216	0
1321663	4/29/2023 0:28	4/29/2023 1:43	75	0
1393633	4/29/2023 0:28	4/29/2023 4:23	235	0
1362855	4/29/2023 0:28	4/29/2023 1:47	79	0
8668965	4/29/2023 0:28	4/29/2023 10:00	571	0
1538577	4/29/2023 0:28	4/29/2023 1:26	58	0
1557676	4/29/2023 0:28	4/29/2023 1:34	66	0
1356945	4/29/2023 0:28	4/29/2023 10:00	571	0
1599556	4/29/2023 0:28	4/29/2023 10:00	571	0

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1020466	4/29/2023 0:28	4/29/2023 1:37	69	0
1556486	4/29/2023 0:28	4/29/2023 1:43	75	0
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1324274	4/29/2023 1:02	4/29/2023 1:09	7	0
1324274	4/29/2023 1:09	4/29/2023 1:42	33	0
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324045	4/29/2023 1:20	4/29/2023 1:33	13	0
1363415	4/29/2023 1:25	4/29/2023 1:36	11	0
1538577	4/29/2023 1:26	4/29/2023 1:31	5	0
325050	4/29/2023 1:26	4/29/2023 1:43	17	0
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51483	4/29/2023 1:29	4/29/2023 10:00	510	0
7607485	4/29/2023 1:30	4/29/2023 1:31	1	0
7607485	4/29/2023 1:31	4/29/2023 10:00	508	0
1417279	4/29/2023 1:31	4/29/2023 10:00	508	0
1538577	4/29/2023 1:31	4/29/2023 1:46	15	0
324045	4/29/2023 1:33	4/29/2023 10:00	506	0
1395587	4/29/2023 1:34	4/29/2023 10:00	505	0
1557676	4/29/2023 1:34	4/29/2023 10:00	505	0
188639	4/29/2023 1:36	4/29/2023 10:00	503	0
1363415	4/29/2023 1:36	4/29/2023 1:45	9	0
7932279	4/29/2023 1:37	4/29/2023 10:00	502	0
2032900	4/29/2023 1:37	4/29/2023 10:00	502	0
1573666	4/29/2023 1:37	4/29/2023 1:47	10	0
1020466	4/29/2023 1:37	4/29/2023 10:00	502	0
1511532	4/29/2023 1:38	4/29/2023 10:00	501	0
1324274	4/29/2023 1:42	4/29/2023 10:00	497	0
1556486	4/29/2023 1:43	4/29/2023 10:00	496	0
1321663	4/29/2023 1:43	4/29/2023 10:00	496	0
325050	4/29/2023 1:43	4/29/2023 1:46	3	0
1508563	4/29/2023 1:43	4/29/2023 10:00	496	0
1363415	4/29/2023 1:45	4/29/2023 10:00	494	0
325050	4/29/2023 1:46	4/29/2023 10:00	493	0
1538577	4/29/2023 1:46	4/29/2023 10:00	493	0
1573666	4/29/2023 1:47	4/29/2023 1:57	10	0
1362855	4/29/2023 1:47	4/29/2023 10:00	492	0
1300812	4/29/2023 1:50	4/29/2023 10:00	489	0
1573666	4/29/2023 1:57	4/29/2023 10:00	482	0
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1393633	4/29/2023 4:23	4/29/2023 10:00	336	0
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1362130	4/29/2023 9:26	4/29/2023 10:00	33	0

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1466638	4/29/2023 10:00	4/30/2023 10:00	1439	0
1621462	4/29/2023 10:00	4/30/2023 10:00	1439	0
324045	4/29/2023 10:00	4/29/2023 16:43	403	0
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507365	4/29/2023 10:00	4/29/2023 13:58	238	0
7607485	4/29/2023 10:00	4/30/2023 10:00	1439	0
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1324274	4/29/2023 10:00	4/30/2023 10:00	1439	0
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1356945	4/29/2023 10:00	4/29/2023 11:53	113	0
637185	4/29/2023 10:00	4/30/2023 10:00	1439	0
1557303	4/29/2023 10:00	4/29/2023 13:43	223	0
972377	4/29/2023 10:00	4/29/2023 14:18	258	0
2032900	4/29/2023 10:00	4/30/2023 10:00	1439	0
1355611	4/29/2023 10:00	4/30/2023 10:00	1439	0
1557676	4/29/2023 10:00	4/30/2023 10:00	1439	0
558031	4/29/2023 10:00	4/30/2023 10:00	1439	0
1393633	4/29/2023 10:00	4/30/2023 10:00	1439	0
1408176	4/29/2023 10:00	4/29/2023 11:28	88	0
450309	4/29/2023 10:00	4/30/2023 10:00	1439	0
1363415	4/29/2023 10:00	4/29/2023 13:32	212	0
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1573666	4/29/2023 10:00	4/30/2023 10:00	1439	0
1320845	4/29/2023 10:00	4/30/2023 10:00	1439	0
1431752	4/29/2023 10:00	4/30/2023 10:00	1439	0
1508563	4/29/2023 10:00	4/29/2023 13:54	234	0
1511251	4/29/2023 10:00	4/29/2023 13:46	226	0
1395587	4/29/2023 10:00	4/30/2023 10:00	1439	0
1321750	4/29/2023 10:00	4/30/2023 10:00	1439	0
7932279	4/29/2023 10:00	4/30/2023 10:00	1439	0
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8668965	4/29/2023 10:00	4/30/2023 10:00	1439	0
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51483	4/29/2023 10:00	4/30/2023 10:00	1439	0
572990	4/29/2023 10:00	4/30/2023 10:00	1439	0
298846	4/29/2023 10:00	4/30/2023 10:00	1439	0
447406	4/29/2023 10:00	4/29/2023 11:13	73	0
1417279	4/29/2023 10:00	4/30/2023 10:00	1439	0
264186	4/29/2023 10:00	4/30/2023 10:00	1439	0
1321663	4/29/2023 10:00	4/30/2023 10:00	1439	0
705447	4/29/2023 10:00	4/30/2023 10:00	1439	0
396857	4/29/2023 10:00	4/30/2023 10:00	1439	0
325050	4/29/2023 10:00	4/29/2023 13:27	207	0

1300812	4/29/2023 10:00	4/30/2023 10:00	1439	0
564357	4/29/2023 10:00	4/30/2023 10:00	1439	0
6168330	4/29/2023 10:00	4/29/2023 11:43	103	0
1594192	4/29/2023 10:00	4/30/2023 10:00	1439	0
447406	4/29/2023 11:13	4/30/2023 0:11	778	0
8068454	4/29/2023 11:24	4/30/2023 10:00	1355	0
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6168330	4/29/2023 11:43	4/30/2023 0:21	758	0
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1407232	4/29/2023 11:49	4/30/2023 0:28	759	0
1408176	4/29/2023 11:50	4/29/2023 23:29	699	0
1503562	4/29/2023 11:51	4/30/2023 8:11	1220	0
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561758	4/29/2023 13:25	4/30/2023 0:28	663	0
325050	4/29/2023 13:27	4/29/2023 13:42	15	0
1538577	4/29/2023 13:30	4/29/2023 17:01	211	0
1363415	4/29/2023 13:32	4/29/2023 13:35	3	0
1363415	4/29/2023 13:35	4/29/2023 16:52	197	0
564518	4/29/2023 13:35	4/30/2023 0:28	653	0
325050	4/29/2023 13:42	4/29/2023 13:56	14	0
1557303	4/29/2023 13:43	4/29/2023 13:52	9	0
1511251	4/29/2023 13:46	4/29/2023 13:59	13	0
1557303	4/29/2023 13:52	4/29/2023 16:03	131	0
1508563	4/29/2023 13:54	4/29/2023 14:00	6	0
325050	4/29/2023 13:56	4/30/2023 1:26	690	0
507365	4/29/2023 13:58	4/30/2023 0:28	630	0
1511251	4/29/2023 13:59	4/29/2023 16:06	127	0
1508563	4/29/2023 14:00	4/29/2023 16:54	174	0
972377	4/29/2023 14:18	4/29/2023 20:37	379	0
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1348780	4/29/2023 15:05	4/30/2023 0:28	563	0
1348773	4/29/2023 15:21	4/29/2023 22:56	455	0
1384509	4/29/2023 15:48	4/30/2023 0:28	520	0
1449371	4/29/2023 15:59	4/30/2023 0:28	509	0
571420	4/29/2023 16:01	4/30/2023 0:28	507	0
1557303	4/29/2023 16:03	4/30/2023 0:28	505	0
1511251	4/29/2023 16:06	4/30/2023 0:28	502	0
324045	4/29/2023 16:43	4/30/2023 0:28	465	0
1363415	4/29/2023 16:52	4/30/2023 0:36	464	0
1348300	4/29/2023 16:53	4/29/2023 23:37	404	0
1508563	4/29/2023 16:54	4/30/2023 0:32	458	0
1557100	4/29/2023 16:57	4/30/2023 0:28	451	0

1349502	4/29/2023 16:59	4/30/2023 0:30	451	0
1538577	4/29/2023 17:01	4/30/2023 0:41	460	0
1511532	4/29/2023 17:01	4/30/2023 0:47	466	0
573677	4/29/2023 17:05	4/30/2023 10:00	1014	0
1362855	4/29/2023 17:05	4/29/2023 23:31	386	0
569420	4/29/2023 18:45	4/30/2023 0:50	365	0
1597937	4/29/2023 18:53	4/30/2023 0:46	353	0
972377	4/29/2023 20:37	4/30/2023 10:00	802	0
1348773	4/29/2023 22:56	4/30/2023 10:00	663	0
1434359	4/29/2023 23:24	4/30/2023 0:28	64	0
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1362855	4/29/2023 23:31	4/30/2023 0:28	57	0
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447406	4/30/2023 0:11	4/30/2023 0:28	17	0
572882	4/30/2023 0:17	4/30/2023 0:28	11	0
6168330	4/30/2023 0:21	4/30/2023 0:32	11	0
1362855	4/30/2023 0:28	4/30/2023 0:51	23	0
447406	4/30/2023 0:28	4/30/2023 2:31	123	0
1348300	4/30/2023 0:28	4/30/2023 0:37	9	0
561758	4/30/2023 0:28	4/30/2023 10:00	571	0
572882	4/30/2023 0:28	4/30/2023 0:37	9	0
1384509	4/30/2023 0:28	4/30/2023 10:00	571	0
1434359	4/30/2023 0:28	4/30/2023 0:44	16	0
1407232	4/30/2023 0:28	4/30/2023 10:00	571	0
1557303	4/30/2023 0:28	4/30/2023 10:00	571	0
1449371	4/30/2023 0:28	4/30/2023 10:00	571	0
1511251	4/30/2023 0:28	4/30/2023 10:00	571	0
1557100	4/30/2023 0:28	4/30/2023 10:00	571	0
1408176	4/30/2023 0:28	4/30/2023 1:31	63	0
1348780	4/30/2023 0:28	4/30/2023 10:00	571	0
507365	4/30/2023 0:28	4/30/2023 10:00	571	0
564518	4/30/2023 0:28	4/30/2023 10:00	571	0
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324045	4/30/2023 0:28	4/30/2023 10:00	571	0
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6168330	4/30/2023 0:32	4/30/2023 3:01	149	0
1508563	4/30/2023 0:32	4/30/2023 10:00	567	0
1363415	4/30/2023 0:36	4/30/2023 10:00	563	0
572882	4/30/2023 0:37	4/30/2023 10:00	562	0
1348300	4/30/2023 0:37	4/30/2023 10:00	562	0
1538577	4/30/2023 0:41	4/30/2023 10:00	558	0
563241	4/30/2023 0:41	4/30/2023 10:00	558	0
1435127	4/30/2023 0:43	4/30/2023 10:00	556	0
1434359	4/30/2023 0:44	4/30/2023 10:00	555	0
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1597937	4/30/2023 0:46	4/30/2023 0:54	8	0
1511532	4/30/2023 0:47	4/30/2023 10:00	552	0

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1597937	4/30/2023 0:54	4/30/2023 4:06	192	0
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1356945	4/30/2023 3:01	4/30/2023 10:00	418	0
6168330	4/30/2023 3:01	4/30/2023 10:00	418	0
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1597937	4/30/2023 4:06	4/30/2023 10:00	353	0
569420	4/30/2023 4:10	4/30/2023 10:00	349	0
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325050	4/30/2023 5:06	4/30/2023 10:00	293	0
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1407232	4/30/2023 10:00	5/1/2023 10:00	1439	0
572882	4/30/2023 10:00	4/30/2023 11:58	118	0
1597937	4/30/2023 10:00	5/1/2023 10:00	1439	0
507365	4/30/2023 10:00	5/1/2023 10:00	1439	0
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1348780	4/30/2023 10:00	5/1/2023 10:00	1439	0
264186	4/30/2023 10:00	5/1/2023 10:00	1439	0
972377	4/30/2023 10:00	4/30/2023 13:17	197	0
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1557100	4/30/2023 10:00	5/1/2023 10:00	1439	0
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1557676	4/30/2023 10:00	5/1/2023 10:00	1439	0
705447	4/30/2023 10:00	5/1/2023 10:00	1439	0
1511532	4/30/2023 10:00	5/1/2023 10:00	1439	0
324045	4/30/2023 10:00	4/30/2023 12:58	178	0
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564357	4/30/2023 10:00	5/1/2023 10:00	1439	0
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447406	4/30/2023 10:00	5/1/2023 10:00	1439	0
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1349502	4/30/2023 10:00	5/1/2023 10:00	1439	0
1348300	4/30/2023 10:00	5/1/2023 10:00	1439	0
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1556486	4/30/2023 10:00	5/1/2023 10:00	1439	0
1363415	4/30/2023 10:00	5/1/2023 10:00	1439	0
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7932279	4/30/2023 10:00	5/1/2023 10:00	1439	0
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1356945	4/30/2023 10:00	5/1/2023 0:33	873	0
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1434359	4/30/2023 10:00	4/30/2023 11:24	84	0
571420	4/30/2023 10:00	5/1/2023 10:00	1439	0
1362855	4/30/2023 10:00	4/30/2023 16:15	375	0
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1434359	4/30/2023 11:24	4/30/2023 14:24	180	0
572882	4/30/2023 11:58	4/30/2023 12:16	18	0
566748	4/30/2023 12:02	4/30/2023 21:00	538	0
587455	4/30/2023 12:09	4/30/2023 21:09	540	0
572882	4/30/2023 12:16	4/30/2023 14:58	162	0
1093833	4/30/2023 12:25	4/30/2023 21:32	547	0
325050	4/30/2023 12:36	4/30/2023 22:16	580	0
7937779	4/30/2023 12:56	4/30/2023 22:15	559	0
1538577	4/30/2023 12:56	4/30/2023 13:08	12	0
324045	4/30/2023 12:58	4/30/2023 12:59	1	0
1431752	4/30/2023 12:59	4/30/2023 21:59	540	0
324045	4/30/2023 12:59	4/30/2023 15:18	139	0
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8068454	4/30/2023 13:08	4/30/2023 22:07	539	0
1538577	4/30/2023 13:08	4/30/2023 15:56	168	0
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1435127	4/30/2023 13:11	4/30/2023 16:00	169	0
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972377	4/30/2023 13:17	4/30/2023 22:59	582	0
1557303	4/30/2023 13:19	4/30/2023 13:26	7	0
1557303	4/30/2023 13:26	4/30/2023 14:59	93	0
1511251	4/30/2023 13:31	4/30/2023 13:32	1	0
1511251	4/30/2023 13:32	4/30/2023 15:11	99	0
396857	4/30/2023 14:05	4/30/2023 21:51	466	0
1434359	4/30/2023 14:24	4/30/2023 16:04	100	0
1309133	4/30/2023 14:45	5/1/2023 10:00	1154	0
572882	4/30/2023 14:58	4/30/2023 15:16	18	0

1557303	4/30/2023 14:59	4/30/2023 22:17	438	0
6168330	4/30/2023 15:02	5/1/2023 0:19	557	0
564518	4/30/2023 15:10	4/30/2023 22:20	430	0
1511251	4/30/2023 15:11	4/30/2023 22:29	438	0
572882	4/30/2023 15:16	4/30/2023 15:58	42	0
324045	4/30/2023 15:18	4/30/2023 21:57	399	0
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2032900	4/30/2023 15:52	4/30/2023 22:49	417	0
1538577	4/30/2023 15:56	4/30/2023 21:55	359	0
572882	4/30/2023 15:58	4/30/2023 21:14	316	0
1435127	4/30/2023 16:00	4/30/2023 21:59	359	0
1434359	4/30/2023 16:04	5/1/2023 10:00	1075	0
1362855	4/30/2023 16:15	4/30/2023 23:33	438	0
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535717	4/30/2023 16:22	5/1/2023 0:28	486	0
456099	4/30/2023 18:04	5/1/2023 10:00	955	0
566748	4/30/2023 21:00	4/30/2023 21:18	18	0
587455	4/30/2023 21:09	4/30/2023 21:20	11	0
572882	4/30/2023 21:14	4/30/2023 21:18	4	0
572882	4/30/2023 21:18	4/30/2023 23:34	136	0
566748	4/30/2023 21:18	4/30/2023 23:40	142	0
587455	4/30/2023 21:20	4/30/2023 22:49	89	0
1093833	4/30/2023 21:32	4/30/2023 21:44	12	0
1093833	4/30/2023 21:44	4/30/2023 22:32	48	0
396857	4/30/2023 21:51	5/1/2023 10:00	728	0
1538577	4/30/2023 21:55	5/1/2023 10:00	724	0
324045	4/30/2023 21:57	4/30/2023 22:03	6	0
1431752	4/30/2023 21:59	5/1/2023 10:00	720	0
1435127	4/30/2023 21:59	5/1/2023 10:00	720	0
324045	4/30/2023 22:03	4/30/2023 22:57	54	0
8068454	4/30/2023 22:07	5/1/2023 0:28	141	0
7937779	4/30/2023 22:15	5/1/2023 10:00	704	0
325050	4/30/2023 22:16	5/1/2023 0:28	132	0
1557303	4/30/2023 22:17	5/1/2023 10:00	702	0
564518	4/30/2023 22:20	5/1/2023 10:00	699	0
1511251	4/30/2023 22:29	5/1/2023 10:00	690	0
535845	4/30/2023 22:30	5/1/2023 0:28	118	0
1093833	4/30/2023 22:32	5/1/2023 10:00	687	0
2032900	4/30/2023 22:49	5/1/2023 10:00	670	0
587455	4/30/2023 22:49	5/1/2023 10:00	670	0
324045	4/30/2023 22:57	5/1/2023 10:00	662	0
972377	4/30/2023 22:59	5/1/2023 0:28	89	0
1362855	4/30/2023 23:33	5/1/2023 10:00	626	0
572882	4/30/2023 23:34	5/1/2023 10:00	625	0
566748	4/30/2023 23:40	5/1/2023 10:00	619	0
6168330	5/1/2023 0:19	5/1/2023 0:28	9	0
1557188	5/1/2023 0:27	5/1/2023 0:38	11	0

6168330	5/1/2023 0:28	5/1/2023 3:19	171	0
535845	5/1/2023 0:28	5/1/2023 1:30	62	0
325050	5/1/2023 0:28	5/1/2023 1:16	48	0
972377	5/1/2023 0:28	5/1/2023 1:59	91	0
535717	5/1/2023 0:28	5/1/2023 10:00	571	0
8068454	5/1/2023 0:28	5/1/2023 1:07	39	0
1356945	5/1/2023 0:33	5/1/2023 0:52	19	0
1557188	5/1/2023 0:38	5/1/2023 3:27	169	0
1356945	5/1/2023 0:52	5/1/2023 1:53	61	0
8068454	5/1/2023 1:07	5/1/2023 1:18	11	0
325050	5/1/2023 1:16	5/1/2023 1:21	5	0
8068454	5/1/2023 1:18	5/1/2023 1:47	29	0
325050	5/1/2023 1:21	5/1/2023 3:56	155	0
535845	5/1/2023 1:30	5/1/2023 1:37	7	0
535845	5/1/2023 1:37	5/1/2023 3:10	93	0
8068454	5/1/2023 1:47	5/1/2023 10:00	492	0
1356945	5/1/2023 1:53	5/1/2023 10:00	486	0
972377	5/1/2023 1:59	5/1/2023 2:09	10	0
972377	5/1/2023 2:09	5/1/2023 4:29	140	0
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6168330	5/1/2023 3:19	5/1/2023 3:22	3	0
6168330	5/1/2023 3:22	5/1/2023 4:08	46	0
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1557188	5/1/2023 3:39	5/1/2023 5:07	88	0
325050	5/1/2023 3:56	5/1/2023 10:00	363	0
6168330	5/1/2023 4:08	5/1/2023 10:00	351	0
972377	5/1/2023 4:29	5/1/2023 10:00	330	0
1557188	5/1/2023 5:07	5/1/2023 10:00	292	0
1704326	5/1/2023 9:22	5/1/2023 10:00	37	0
705447	5/1/2023 10:00	5/2/2023 10:00	1439	0
6168330	5/1/2023 10:00	5/1/2023 15:23	323	0.27
566748	5/1/2023 10:00	5/2/2023 10:00	1439	0
637185	5/1/2023 10:00	5/2/2023 10:00	1439	0
1704326	5/1/2023 10:00	5/2/2023 10:00	1439	0.27
564357	5/1/2023 10:00	5/2/2023 10:00	1439	0
1511251	5/1/2023 10:00	5/1/2023 13:29	209	0
573677	5/1/2023 10:00	5/2/2023 10:00	1439	0
1362855	5/1/2023 10:00	5/2/2023 10:00	1439	0.06
1557676	5/1/2023 10:00	5/2/2023 10:00	1439	0.01
1557188	5/1/2023 10:00	5/1/2023 12:23	143	0
264186	5/1/2023 10:00	5/2/2023 10:00	1439	0
456099	5/1/2023 10:00	5/2/2023 10:00	1439	0
1093833	5/1/2023 10:00	5/2/2023 10:00	1439	0.21
1356945	5/1/2023 10:00	5/2/2023 10:00	1439	0
1557303	5/1/2023 10:00	5/1/2023 13:24	204	0.01
46184	5/1/2023 10:00	5/2/2023 10:00	1439	0
972377	5/1/2023 10:00	5/1/2023 11:14	74	0.09

572882	5/1/2023 10:00	5/1/2023 12:18	138	0.07
569808	5/1/2023 10:00	5/2/2023 10:00	1439	0.3
447406	5/1/2023 10:00	5/2/2023 10:00	1439	0.09
2032900	5/1/2023 10:00	5/1/2023 14:42	282	0.08
572990	5/1/2023 10:00	5/2/2023 10:00	1439	0
587455	5/1/2023 10:00	5/2/2023 10:00	1439	0
324045	5/1/2023 10:05	5/1/2023 12:57	172	0
1466638	5/1/2023 10:08	5/2/2023 0:28	860	0
1309133	5/1/2023 10:09	5/2/2023 1:00	891	0.35
1538577	5/1/2023 10:14	5/1/2023 13:10	176	0.41
1431752	5/1/2023 10:15	5/1/2023 13:10	175	0
801004	5/1/2023 10:15	5/2/2023 10:00	1424	0
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7937779	5/1/2023 10:20	5/2/2023 10:00	1419	0
8068454	5/1/2023 10:21	5/2/2023 10:00	1418	0
7932279	5/1/2023 10:21	5/2/2023 10:00	1418	0
564518	5/1/2023 10:24	5/1/2023 13:10	166	0
325050	5/1/2023 10:25	5/2/2023 1:25	900	0
535845	5/1/2023 10:41	5/2/2023 1:47	906	0.11
535717	5/1/2023 10:41	5/1/2023 15:21	280	0.03
507365	5/1/2023 11:06	5/1/2023 20:24	558	0
396857	5/1/2023 11:10	5/2/2023 10:00	1369	0
972377	5/1/2023 11:14	5/1/2023 11:56	42	0.09
791361	5/1/2023 11:18	5/1/2023 20:38	560	0
1190820	5/1/2023 11:23	5/1/2023 23:02	699	0.66
1408176	5/1/2023 11:24	5/1/2023 23:24	720	1.01
315345	5/1/2023 11:46	5/1/2023 21:04	558	1.21
304265	5/1/2023 11:50	5/1/2023 23:51	721	0
972377	5/1/2023 11:56	5/1/2023 20:18	502	0.11
317768	5/1/2023 12:01	5/2/2023 1:16	795	0
5212517	5/1/2023 12:05	5/2/2023 0:05	720	0.3
572882	5/1/2023 12:18	5/1/2023 12:20	2	0.04
572882	5/1/2023 12:20	5/1/2023 14:58	158	0.4
1557188	5/1/2023 12:23	5/1/2023 12:40	17	0
318815	5/1/2023 12:23	5/2/2023 10:00	1296	0
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1557188	5/1/2023 12:43	5/2/2023 0:31	708	0
315346	5/1/2023 12:50	5/2/2023 0:28	698	0.89
324045	5/1/2023 12:57	5/1/2023 13:06	9	0
320070	5/1/2023 13:04	5/2/2023 10:00	1255	0
324045	5/1/2023 13:06	5/1/2023 14:17	71	0
309944	5/1/2023 13:08	5/2/2023 0:28	680	0
561672	5/1/2023 13:10	5/2/2023 0:28	678	0.29
1431752	5/1/2023 13:10	5/1/2023 13:16	6	0
564518	5/1/2023 13:10	5/1/2023 13:25	15	0
1538577	5/1/2023 13:10	5/1/2023 13:15	5	0

1538577	5/1/2023 13:15	5/1/2023 14:50	95	0.24
1431752	5/1/2023 13:16	5/1/2023 14:30	74	0
51483	5/1/2023 13:18	5/2/2023 0:28	670	0.02
1557303	5/1/2023 13:24	5/1/2023 13:35	11	0.03
564518	5/1/2023 13:25	5/1/2023 13:50	25	0
1511251	5/1/2023 13:29	5/1/2023 13:41	12	0
1557303	5/1/2023 13:35	5/1/2023 13:44	9	0.12
1417279	5/1/2023 13:39	5/2/2023 0:28	649	0.14
1511251	5/1/2023 13:41	5/1/2023 14:09	28	0
1557303	5/1/2023 13:44	5/2/2023 0:28	644	0.65
564518	5/1/2023 13:50	5/2/2023 0:28	638	0
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1511251	5/1/2023 14:09	5/2/2023 0:28	619	0
324045	5/1/2023 14:17	5/2/2023 0:57	640	0.06
1415622	5/1/2023 14:17	5/2/2023 10:00	1182	0
1431752	5/1/2023 14:30	5/2/2023 0:28	598	0
1363415	5/1/2023 14:37	5/2/2023 10:00	1162	0
2032900	5/1/2023 14:42	5/2/2023 0:28	586	0
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1508563	5/1/2023 14:47	5/2/2023 0:28	581	0
1538577	5/1/2023 14:50	5/2/2023 0:28	578	0.09
298043	5/1/2023 14:50	5/2/2023 10:00	1149	0
313011	5/1/2023 14:50	5/2/2023 10:00	1149	0
572882	5/1/2023 14:58	5/1/2023 22:36	458	0.07
558031	5/1/2023 15:01	5/2/2023 10:00	1138	0
315616	5/1/2023 15:03	5/2/2023 0:28	565	0
610737	5/1/2023 15:05	5/2/2023 0:18	553	0
7607485	5/1/2023 15:07	5/2/2023 0:28	561	0.46
535717	5/1/2023 15:21	5/2/2023 1:35	614	0
315484	5/1/2023 15:22	5/2/2023 0:28	546	0.05
6168330	5/1/2023 15:23	5/1/2023 15:24	1	0
6168330	5/1/2023 15:24	5/1/2023 17:43	139	0
1573666	5/1/2023 15:28	5/2/2023 0:28	540	0
427715	5/1/2023 15:30	5/2/2023 0:41	551	0
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6733217	5/1/2023 15:48	5/2/2023 0:48	540	0
903630	5/1/2023 16:15	5/2/2023 1:22	547	0
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298597	5/1/2023 16:34	5/2/2023 10:00	1045	0
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315708	5/1/2023 18:21	5/2/2023 10:00	938	0
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972377	5/1/2023 20:18	5/2/2023 0:28	250	0
507365	5/1/2023 20:24	5/2/2023 10:00	815	0
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315345	5/1/2023 21:04	5/2/2023 10:00	775	0
1343695	5/1/2023 22:33	5/2/2023 10:00	686	0
572882	5/1/2023 22:36	5/2/2023 10:00	683	0
1190820	5/1/2023 23:02	5/2/2023 10:00	657	0
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304265	5/1/2023 23:51	5/2/2023 0:28	37	0
5212517	5/2/2023 0:05	5/2/2023 0:28	23	0
610737	5/2/2023 0:18	5/2/2023 0:28	10	0
6168330	5/2/2023 0:21	5/2/2023 0:28	7	0
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1431752	5/2/2023 0:28	5/2/2023 10:00	571	0
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791361	5/2/2023 0:28	5/2/2023 1:38	70	0
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6168330	5/2/2023 0:28	5/2/2023 1:21	53	0
1466638	5/2/2023 0:28	5/2/2023 10:00	571	0
610737	5/2/2023 0:28	5/2/2023 2:18	110	0
1511251	5/2/2023 0:28	5/2/2023 10:00	571	0
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315484	5/2/2023 0:28	5/2/2023 10:00	571	0
1573666	5/2/2023 0:28	5/2/2023 10:00	571	0
1557303	5/2/2023 0:28	5/2/2023 10:00	571	0
7607485	5/2/2023 0:28	5/2/2023 10:00	571	0
571420	5/2/2023 0:28	5/2/2023 10:00	571	0
5212517	5/2/2023 0:28	5/2/2023 3:25	177	0
564518	5/2/2023 0:28	5/2/2023 10:00	571	0
315346	5/2/2023 0:28	5/2/2023 10:00	571	0
1508563	5/2/2023 0:28	5/2/2023 10:00	571	0
561672	5/2/2023 0:28	5/2/2023 10:00	571	0
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427715	5/2/2023 0:41	5/2/2023 0:45	4	0
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427715	5/2/2023 0:45	5/2/2023 3:41	176	0
6733217	5/2/2023 0:48	5/2/2023 0:52	4	0

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324045	5/2/2023 0:57	5/2/2023 1:11	14	0
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1309133	5/2/2023 1:00	5/2/2023 5:20	260	0
1404368	5/2/2023 1:06	5/2/2023 1:52	46	0
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317768	5/2/2023 1:16	5/2/2023 1:35	19	0
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535845	5/2/2023 1:49	5/2/2023 5:07	198	0
1404368	5/2/2023 1:52	5/2/2023 10:00	487	0
569420	5/2/2023 2:12	5/2/2023 10:00	467	0
610737	5/2/2023 2:18	5/2/2023 10:00	461	0
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325050	5/2/2023 2:25	5/2/2023 10:00	454	0
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6733217	5/2/2023 2:28	5/2/2023 10:00	451	0
304265	5/2/2023 2:31	5/2/2023 10:00	448	0
317768	5/2/2023 2:36	5/2/2023 10:00	443	0
324045	5/2/2023 2:37	5/2/2023 10:00	442	0
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427715	5/2/2023 3:41	5/2/2023 10:00	378	0
903630	5/2/2023 3:50	5/2/2023 10:00	369	0
1557188	5/2/2023 3:51	5/2/2023 10:00	368	0
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535717	5/2/2023 5:15	5/2/2023 10:00	284	0
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1309133	5/2/2023 5:20	5/2/2023 10:00	279	0
1508563	5/2/2023 10:00	5/3/2023 10:00	1439	0
298597	5/2/2023 10:00	5/3/2023 10:00	1439	0
1350129	5/2/2023 10:00	5/3/2023 10:00	1439	0
1557188	5/2/2023 10:00	5/2/2023 22:54	774	0
1356945	5/2/2023 10:00	5/2/2023 16:02	362	0
324045	5/2/2023 10:00	5/2/2023 13:13	193	0
507365	5/2/2023 10:00	5/2/2023 13:54	234	0
317768	5/2/2023 10:00	5/3/2023 10:00	1439	0

304265	5/2/2023 10:00	5/3/2023 10:00	1439	0
637185	5/2/2023 10:00	5/3/2023 10:00	1439	0
1431752	5/2/2023 10:00	5/3/2023 10:00	1439	0
450309	5/2/2023 10:00	5/3/2023 10:00	1439	0
1557303	5/2/2023 10:00	5/3/2023 0:28	868	0
298043	5/2/2023 10:00	5/3/2023 10:00	1439	0
1020466	5/2/2023 10:00	5/3/2023 10:00	1439	0
972377	5/2/2023 10:00	5/2/2023 14:35	275	0.28
447406	5/2/2023 10:00	5/3/2023 10:00	1439	0
903630	5/2/2023 10:00	5/3/2023 10:00	1439	0.14
564357	5/2/2023 10:00	5/3/2023 10:00	1439	0
1309133	5/2/2023 10:00	5/3/2023 10:00	1439	0.2
309944	5/2/2023 10:00	5/3/2023 10:00	1439	0
318815	5/2/2023 10:00	5/3/2023 10:00	1439	0
1417279	5/2/2023 10:00	5/2/2023 14:02	242	0.01
1466638	5/2/2023 10:00	5/3/2023 10:00	1439	0
1363415	5/2/2023 10:00	5/3/2023 10:00	1439	0
561672	5/2/2023 10:00	5/2/2023 13:44	224	0
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320070	5/2/2023 10:00	5/3/2023 10:00	1439	0
535845	5/2/2023 10:00	5/2/2023 11:46	106	0
1511251	5/2/2023 10:00	5/2/2023 11:38	98	0
1190820	5/2/2023 10:00	5/3/2023 10:00	1439	0.09
564518	5/2/2023 10:00	5/2/2023 12:55	175	0
5212517	5/2/2023 10:00	5/3/2023 10:00	1439	0
791361	5/2/2023 10:00	5/3/2023 10:00	1439	0
315346	5/2/2023 10:00	5/3/2023 10:00	1439	0
561757	5/2/2023 10:00	5/3/2023 10:00	1439	0
566748	5/2/2023 10:00	5/3/2023 10:00	1439	0
1408176	5/2/2023 10:00	5/2/2023 11:23	83	0
6733217	5/2/2023 10:00	5/3/2023 10:00	1439	0
298846	5/2/2023 10:00	5/3/2023 10:00	1439	0
1557676	5/2/2023 10:00	5/3/2023 10:00	1439	0
1473352	5/2/2023 10:00	5/3/2023 10:00	1439	0
535717	5/2/2023 10:00	5/2/2023 11:38	98	0
705447	5/2/2023 10:00	5/3/2023 10:00	1439	0
1573666	5/2/2023 10:00	5/3/2023 0:28	868	0
572882	5/2/2023 10:00	5/2/2023 11:54	114	0
2032900	5/2/2023 10:00	5/2/2023 13:27	207	0
264186	5/2/2023 10:00	5/3/2023 10:00	1439	0
51483	5/2/2023 10:00	5/2/2023 13:35	215	0
315484	5/2/2023 10:00	5/3/2023 10:00	1439	0
573677	5/2/2023 10:00	5/3/2023 10:00	1439	0
569420	5/2/2023 10:00	5/3/2023 10:00	1439	0
6168330	5/2/2023 10:00	5/2/2023 12:21	141	0
7607485	5/2/2023 10:00	5/3/2023 10:00	1439	0
1538577	5/2/2023 10:00	5/2/2023 13:48	228	0

313011	5/2/2023 10:00	5/3/2023 10:00	1439	0
312766	5/2/2023 10:00	5/3/2023 10:00	1439	0
572990	5/2/2023 10:00	5/3/2023 10:00	1439	0
1343695	5/2/2023 10:00	5/3/2023 10:00	1439	0
315708	5/2/2023 10:00	5/3/2023 10:00	1439	0
315616	5/2/2023 10:00	5/3/2023 10:00	1439	0
1404368	5/2/2023 10:00	5/3/2023 0:59	899	0
427715	5/2/2023 10:00	5/3/2023 10:00	1439	0
315345	5/2/2023 10:00	5/3/2023 10:00	1439	0
46184	5/2/2023 10:00	5/3/2023 10:00	1439	0
1415622	5/2/2023 10:00	5/3/2023 10:00	1439	0
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396857	5/2/2023 10:00	5/3/2023 10:00	1439	0
8068454	5/2/2023 10:51	5/3/2023 1:29	878	0
1408176	5/2/2023 11:23	5/2/2023 11:42	19	0
1321663	5/2/2023 11:23	5/2/2023 23:26	723	0
1321750	5/2/2023 11:27	5/2/2023 23:31	724	0.2
1378692	5/2/2023 11:31	5/2/2023 23:28	717	0
535717	5/2/2023 11:38	5/3/2023 1:49	851	0
1511251	5/2/2023 11:38	5/3/2023 1:51	853	0
346288	5/2/2023 11:38	5/3/2023 0:28	770	0
188639	5/2/2023 11:40	5/2/2023 19:12	452	0
1408176	5/2/2023 11:42	5/2/2023 17:03	321	0.02
535845	5/2/2023 11:46	5/3/2023 0:35	769	0
572882	5/2/2023 11:54	5/3/2023 0:15	741	0
265473	5/2/2023 11:56	5/2/2023 23:55	719	0
266906	5/2/2023 12:21	5/3/2023 0:28	727	0
6168330	5/2/2023 12:21	5/2/2023 12:28	7	0
6168330	5/2/2023 12:28	5/2/2023 16:09	221	0
6761269	5/2/2023 12:45	5/3/2023 0:28	703	0
1378128	5/2/2023 12:53	5/3/2023 0:55	722	0
381338	5/2/2023 12:54	5/3/2023 0:58	724	0
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324045	5/2/2023 13:13	5/2/2023 13:21	8	0
324045	5/2/2023 13:21	5/2/2023 17:33	252	0
2032900	5/2/2023 13:27	5/2/2023 20:25	418	0.14
51483	5/2/2023 13:35	5/3/2023 1:34	719	0
561672	5/2/2023 13:44	5/3/2023 0:28	644	0
1538577	5/2/2023 13:48	5/3/2023 0:28	640	0
507365	5/2/2023 13:54	5/2/2023 20:22	388	0
1417279	5/2/2023 14:02	5/2/2023 14:19	17	0
1417279	5/2/2023 14:19	5/2/2023 14:22	3	0
1417279	5/2/2023 14:22	5/3/2023 0:28	606	0
1556486	5/2/2023 14:34	5/3/2023 2:35	721	0
972377	5/2/2023 14:35	5/2/2023 14:43	8	0
972377	5/2/2023 14:43	5/2/2023 16:22	99	0
926505	5/2/2023 14:46	5/3/2023 10:00	1153	0

1393633	5/2/2023 15:23	5/3/2023 10:00	1116	0
7415412	5/2/2023 15:29	5/3/2023 10:00	1110	0
1356945	5/2/2023 16:02	5/3/2023 0:28	506	0
6168330	5/2/2023 16:09	5/2/2023 23:39	450	0
972377	5/2/2023 16:22	5/2/2023 20:38	256	0
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1408176	5/2/2023 17:03	5/2/2023 23:42	399	0
1309098	5/2/2023 17:21	5/3/2023 3:40	619	0
325050	5/2/2023 17:32	5/3/2023 1:02	450	0
324045	5/2/2023 17:33	5/3/2023 1:17	464	0
610737	5/2/2023 17:36	5/3/2023 10:00	983	0
188639	5/2/2023 19:12	5/3/2023 10:00	887	0
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265864	5/2/2023 19:53	5/3/2023 0:28	275	0
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507365	5/2/2023 20:22	5/3/2023 10:00	817	0
2032900	5/2/2023 20:25	5/3/2023 10:00	814	0
972377	5/2/2023 20:38	5/3/2023 10:00	801	0
1557188	5/2/2023 22:54	5/3/2023 10:00	665	0
1321663	5/2/2023 23:26	5/3/2023 0:28	62	0
1378692	5/2/2023 23:28	5/3/2023 0:28	60	0
1321750	5/2/2023 23:31	5/3/2023 0:28	57	0
6168330	5/2/2023 23:39	5/3/2023 10:00	620	0
1408176	5/2/2023 23:42	5/3/2023 0:28	46	0
265473	5/2/2023 23:55	5/3/2023 0:28	33	0
572882	5/3/2023 0:15	5/3/2023 0:28	13	0
1356945	5/3/2023 0:28	5/3/2023 10:00	571	0
1378692	5/3/2023 0:28	5/3/2023 0:48	20	0
1557303	5/3/2023 0:28	5/3/2023 10:00	571	0
266906	5/3/2023 0:28	5/3/2023 10:00	571	0
572882	5/3/2023 0:28	5/3/2023 4:55	267	0
1538577	5/3/2023 0:28	5/3/2023 10:00	571	0
265473	5/3/2023 0:28	5/3/2023 3:55	207	0
1321663	5/3/2023 0:28	5/3/2023 2:06	98	0
1321750	5/3/2023 0:28	5/3/2023 1:51	83	0
346288	5/3/2023 0:28	5/3/2023 10:00	571	0
564518	5/3/2023 0:28	5/3/2023 10:00	571	0
1417279	5/3/2023 0:28	5/3/2023 10:00	571	0
6761269	5/3/2023 0:28	5/3/2023 10:00	571	0
265864	5/3/2023 0:28	5/3/2023 10:00	571	0
1408176	5/3/2023 0:28	5/3/2023 0:42	14	0
1573666	5/3/2023 0:28	5/3/2023 10:00	571	0
561672	5/3/2023 0:28	5/3/2023 10:00	571	0
535845	5/3/2023 0:35	5/3/2023 10:00	564	0
1408176	5/3/2023 0:42	5/3/2023 10:00	557	0
1378692	5/3/2023 0:48	5/3/2023 10:00	551	0
1378128	5/3/2023 0:55	5/3/2023 1:05	10	0

381338	5/3/2023 0:58	5/3/2023 10:00	541	0
1404368	5/3/2023 0:59	5/3/2023 1:16	17	0
325050	5/3/2023 1:02	5/3/2023 10:00	537	0
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1404368	5/3/2023 1:16	5/3/2023 3:19	123	0
324045	5/3/2023 1:17	5/3/2023 10:00	522	0
1464949	5/3/2023 1:28	5/3/2023 1:43	15	0
8068454	5/3/2023 1:29	5/3/2023 1:40	11	0
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8068454	5/3/2023 1:40	5/3/2023 2:09	29	0
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51483	5/3/2023 1:48	5/3/2023 2:50	62	0
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1321750	5/3/2023 1:51	5/3/2023 10:00	488	0
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1511532	5/3/2023 2:04	5/3/2023 4:23	139	0
1321663	5/3/2023 2:06	5/3/2023 10:00	473	0
596091	5/3/2023 2:06	5/3/2023 2:16	10	0
8068454	5/3/2023 2:09	5/3/2023 10:00	470	0
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1556486	5/3/2023 2:35	5/3/2023 2:36	1	0
1556486	5/3/2023 2:36	5/3/2023 4:55	139	0
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1511251	5/3/2023 2:51	5/3/2023 10:00	428	0
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1511532	5/3/2023 10:00	5/4/2023 1:52	952	0.11
1404368	5/3/2023 10:00	5/4/2023 1:07	907	0.18
381338	5/3/2023 10:00	5/3/2023 16:22	382	0
1378128	5/3/2023 10:00	5/4/2023 0:28	868	0
1393633	5/3/2023 10:00	5/3/2023 11:31	91	0
6761269	5/3/2023 10:00	5/3/2023 12:46	166	0
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610737	5/3/2023 10:00	5/4/2023 10:00	1439	0.03

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1321663	5/3/2023 10:00	5/4/2023 10:00	1439	0
637185	5/3/2023 10:00	5/4/2023 10:00	1439	0
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1557676	5/3/2023 10:00	5/4/2023 10:00	1439	0
1556486	5/3/2023 10:00	5/4/2023 2:29	989	0
8068454	5/3/2023 10:00	5/3/2023 13:25	205	0
1557188	5/3/2023 10:00	5/3/2023 12:42	162	0
6168330	5/3/2023 10:00	5/3/2023 12:15	135	0
1309098	5/3/2023 10:00	5/3/2023 23:21	801	0.14
264186	5/3/2023 10:00	5/4/2023 10:00	1439	0
926505	5/3/2023 10:00	5/4/2023 10:00	1439	0.04
265473	5/3/2023 10:00	5/3/2023 11:41	101	0
705447	5/3/2023 10:00	5/4/2023 10:00	1439	0
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1356945	5/3/2023 10:00	5/4/2023 0:28	868	0
1190820	5/3/2023 10:00	5/3/2023 23:28	808	0
1538577	5/3/2023 10:00	5/3/2023 12:43	163	0
266906	5/3/2023 10:00	5/4/2023 10:00	1439	0
1378692	5/3/2023 10:00	5/3/2023 11:28	88	0
450309	5/3/2023 10:00	5/4/2023 10:00	1439	0
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325050	5/3/2023 10:00	5/3/2023 13:27	207	0
1464949	5/3/2023 10:00	5/3/2023 11:09	69	0
2032900	5/3/2023 10:00	5/3/2023 12:25	145	0.19
1408176	5/3/2023 10:00	5/3/2023 11:30	90	0
1321750	5/3/2023 10:00	5/4/2023 10:00	1439	0
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1508563	5/3/2023 10:00	5/3/2023 20:01	601	0.22
972377	5/3/2023 10:00	5/3/2023 12:45	165	0.19
324045	5/3/2023 10:00	5/3/2023 13:20	200	0
1417279	5/3/2023 10:00	5/4/2023 10:00	1439	0
346288	5/3/2023 10:00	5/4/2023 10:00	1439	0
51483	5/3/2023 10:00	5/3/2023 13:36	216	0
396857	5/3/2023 10:00	5/4/2023 10:00	1439	0
1464949	5/3/2023 11:09	5/4/2023 0:28	799	0
1378692	5/3/2023 11:28	5/3/2023 11:42	14	0
1342974	5/3/2023 11:29	5/3/2023 23:35	726	0
1408176	5/3/2023 11:30	5/3/2023 11:43	13	0
507365	5/3/2023 11:30	5/3/2023 20:42	552	0
1393633	5/3/2023 11:31	5/3/2023 11:43	12	0
265473	5/3/2023 11:41	5/3/2023 23:59	738	0
1378692	5/3/2023 11:42	5/3/2023 16:08	266	0
1408176	5/3/2023 11:43	5/3/2023 15:50	247	0.87

1393633	5/3/2023 11:43	5/3/2023 14:11	148	0
6168330	5/3/2023 12:15	5/3/2023 12:32	17	0
572882	5/3/2023 12:23	5/4/2023 0:26	723	0.32
2032900	5/3/2023 12:25	5/3/2023 20:24	479	0.07
1093833	5/3/2023 12:25	5/4/2023 0:44	739	0.44
6168330	5/3/2023 12:32	5/3/2023 13:29	57	0
1431752	5/3/2023 12:34	5/4/2023 1:29	775	0
1557188	5/3/2023 12:42	5/3/2023 12:52	10	0
1538577	5/3/2023 12:43	5/4/2023 0:28	705	0
1362130	5/3/2023 12:45	5/4/2023 2:46	841	0
972377	5/3/2023 12:45	5/3/2023 20:53	488	0
1384509	5/3/2023 12:45	5/4/2023 10:00	1274	0
6761269	5/3/2023 12:46	5/4/2023 0:28	702	0
1557188	5/3/2023 12:52	5/3/2023 14:02	70	0
345647	5/3/2023 12:53	5/4/2023 0:28	695	0
1355611	5/3/2023 13:12	5/3/2023 19:29	377	0
324045	5/3/2023 13:20	5/3/2023 13:21	1	0
324045	5/3/2023 13:21	5/3/2023 16:40	199	0
8068454	5/3/2023 13:25	5/3/2023 13:40	15	0
325050	5/3/2023 13:27	5/3/2023 13:44	17	0
1343091	5/3/2023 13:28	5/4/2023 2:27	779	0
6168330	5/3/2023 13:29	5/4/2023 0:34	665	0.06
564518	5/3/2023 13:35	5/3/2023 13:43	8	0
51483	5/3/2023 13:36	5/3/2023 13:48	12	0
8068454	5/3/2023 13:40	5/3/2023 17:25	225	0
6623421	5/3/2023 13:43	5/4/2023 0:28	645	0
564518	5/3/2023 13:43	5/3/2023 14:15	32	0
325050	5/3/2023 13:44	5/3/2023 16:27	163	0
535717	5/3/2023 13:48	5/4/2023 0:28	640	0.04
51483	5/3/2023 13:48	5/3/2023 17:36	228	0
1557303	5/3/2023 13:51	5/3/2023 13:55	4	0
1557303	5/3/2023 13:55	5/3/2023 14:11	16	0.01
1378273	5/3/2023 13:57	5/4/2023 1:56	719	0
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1511251	5/3/2023 14:01	5/3/2023 18:08	247	0
1557188	5/3/2023 14:02	5/3/2023 21:41	459	0
1557303	5/3/2023 14:11	5/4/2023 0:28	617	0.01
1393633	5/3/2023 14:11	5/3/2023 21:50	459	0
564518	5/3/2023 14:15	5/4/2023 0:28	613	0
801004	5/3/2023 14:19	5/4/2023 0:28	609	0
1395587	5/3/2023 14:35	5/4/2023 2:41	726	0
791361	5/3/2023 14:44	5/3/2023 14:51	7	0
791361	5/3/2023 14:51	5/3/2023 18:49	238	0
1408176	5/3/2023 15:50	5/3/2023 23:25	455	0
1378692	5/3/2023 16:08	5/3/2023 23:30	442	0
569420	5/3/2023 16:16	5/3/2023 16:36	20	0
381338	5/3/2023 16:22	5/4/2023 1:25	543	0

325050	5/3/2023 16:27	5/4/2023 0:28	481	0
569420	5/3/2023 16:36	5/4/2023 0:28	472	0
324045	5/3/2023 16:40	5/4/2023 1:21	521	0
558031	5/3/2023 16:49	5/4/2023 10:00	1030	0
8068454	5/3/2023 17:25	5/4/2023 1:05	460	0
51483	5/3/2023 17:36	5/4/2023 1:05	449	0
791282	5/3/2023 17:45	5/4/2023 10:00	974	0
1511251	5/3/2023 18:08	5/4/2023 1:49	461	0
793937	5/3/2023 18:20	5/4/2023 10:00	939	0
1320619	5/3/2023 18:48	5/4/2023 10:00	911	0
791361	5/3/2023 18:49	5/4/2023 2:23	454	0
1309133	5/3/2023 19:00	5/4/2023 10:00	899	0
1349502	5/3/2023 19:04	5/4/2023 0:28	324	0
1355611	5/3/2023 19:29	5/4/2023 1:25	356	0
1508563	5/3/2023 20:01	5/4/2023 2:07	366	0
2032900	5/3/2023 20:24	5/4/2023 0:28	244	0
447406	5/3/2023 20:31	5/4/2023 10:00	808	0
507365	5/3/2023 20:42	5/4/2023 10:00	797	0
972377	5/3/2023 20:53	5/4/2023 10:00	786	0
1557188	5/3/2023 21:41	5/4/2023 10:00	738	0
1393633	5/3/2023 21:50	5/4/2023 10:00	729	0
1309098	5/3/2023 23:21	5/4/2023 0:28	67	0
1408176	5/3/2023 23:25	5/4/2023 10:00	634	0
1190820	5/3/2023 23:28	5/4/2023 0:28	60	0
1378692	5/3/2023 23:30	5/4/2023 0:28	58	0
1342974	5/3/2023 23:35	5/4/2023 0:28	53	0
265473	5/3/2023 23:59	5/4/2023 0:28	29	0
572882	5/4/2023 0:26	5/4/2023 0:30	4	0
325050	5/4/2023 0:28	5/4/2023 10:00	571	0
1538577	5/4/2023 0:28	5/4/2023 10:00	571	0
1190820	5/4/2023 0:28	5/4/2023 3:30	182	0
2032900	5/4/2023 0:28	5/4/2023 2:24	116	0
6761269	5/4/2023 0:28	5/4/2023 10:00	571	0
801004	5/4/2023 0:28	5/4/2023 10:00	571	0
1349502	5/4/2023 0:28	5/4/2023 10:00	571	0
1342974	5/4/2023 0:28	5/4/2023 5:15	287	0
345647	5/4/2023 0:28	5/4/2023 10:00	571	0
1378128	5/4/2023 0:28	5/4/2023 10:00	571	0
1464949	5/4/2023 0:28	5/4/2023 10:00	571	0
265473	5/4/2023 0:28	5/4/2023 2:59	151	0
1356945	5/4/2023 0:28	5/4/2023 10:00	571	0
1378692	5/4/2023 0:28	5/4/2023 3:50	202	0
569420	5/4/2023 0:28	5/4/2023 10:00	571	0
564518	5/4/2023 0:28	5/4/2023 10:00	571	0
1309098	5/4/2023 0:28	5/4/2023 2:21	113	0
6623421	5/4/2023 0:28	5/4/2023 10:00	571	0
1557303	5/4/2023 0:28	5/4/2023 10:00	571	0

535717	5/4/2023 0:28	5/4/2023 10:00	571	0
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6168330	5/4/2023 0:34	5/4/2023 0:35	1	0
6168330	5/4/2023 0:35	5/4/2023 2:14	99	0
1093833	5/4/2023 0:44	5/4/2023 1:02	18	0
1093833	5/4/2023 1:02	5/4/2023 3:44	162	0
8068454	5/4/2023 1:05	5/4/2023 10:00	534	0
51483	5/4/2023 1:05	5/4/2023 10:00	534	0
1404368	5/4/2023 1:07	5/4/2023 1:21	14	0
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324045	5/4/2023 1:21	5/4/2023 1:25	4	0
324045	5/4/2023 1:25	5/4/2023 5:21	236	0
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1431752	5/4/2023 1:29	5/4/2023 1:38	9	0
1431752	5/4/2023 1:38	5/4/2023 3:49	131	0
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561672	5/4/2023 1:50	5/4/2023 1:51	1	0
561672	5/4/2023 1:51	5/4/2023 4:08	137	0
1511532	5/4/2023 1:52	5/4/2023 2:10	18	0
1378273	5/4/2023 1:56	5/4/2023 10:00	483	0
1508563	5/4/2023 2:07	5/4/2023 2:09	2	0
1508563	5/4/2023 2:09	5/4/2023 3:47	98	0
1511532	5/4/2023 2:10	5/4/2023 3:12	62	0
6168330	5/4/2023 2:14	5/4/2023 10:00	465	0
1309098	5/4/2023 2:21	5/4/2023 10:00	458	0
791361	5/4/2023 2:23	5/4/2023 10:00	456	0
2032900	5/4/2023 2:24	5/4/2023 2:34	10	0
1343091	5/4/2023 2:27	5/4/2023 2:28	1	0
1343091	5/4/2023 2:28	5/4/2023 4:07	99	0
1556486	5/4/2023 2:29	5/4/2023 2:43	14	0
2032900	5/4/2023 2:34	5/4/2023 3:44	70	0
1395587	5/4/2023 2:41	5/4/2023 2:45	4	0
1556486	5/4/2023 2:43	5/4/2023 4:49	126	0
1395587	5/4/2023 2:45	5/4/2023 4:41	116	0
1362130	5/4/2023 2:46	5/4/2023 2:47	1	0
1362130	5/4/2023 2:47	5/4/2023 4:26	99	0
265473	5/4/2023 2:59	5/4/2023 10:00	420	0
1355611	5/4/2023 3:05	5/4/2023 10:00	414	0
572882	5/4/2023 3:10	5/4/2023 10:00	409	0
1511532	5/4/2023 3:12	5/4/2023 10:00	407	0
1190820	5/4/2023 3:30	5/4/2023 10:00	389	0
1093833	5/4/2023 3:44	5/4/2023 10:00	375	0
2032900	5/4/2023 3:44	5/4/2023 10:00	375	0
1508563	5/4/2023 3:47	5/4/2023 10:00	372	0
1431752	5/4/2023 3:49	5/4/2023 10:00	370	0

1378692	5/4/2023 3:50	5/4/2023 10:00	369	0
1343091	5/4/2023 4:07	5/4/2023 10:00	352	0
1404368	5/4/2023 4:07	5/4/2023 10:00	352	0
561672	5/4/2023 4:08	5/4/2023 10:00	351	0
1362130	5/4/2023 4:26	5/4/2023 10:00	333	0
1395587	5/4/2023 4:41	5/4/2023 10:00	318	0
1556486	5/4/2023 4:49	5/4/2023 10:00	310	0
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324045	5/4/2023 5:21	5/4/2023 10:00	278	0
1299402	5/4/2023 8:36	5/4/2023 10:00	83	0
1355611	5/4/2023 10:00	5/5/2023 0:28	868	0
396857	5/4/2023 10:00	5/5/2023 10:00	1439	0
345647	5/4/2023 10:00	5/4/2023 12:26	146	0
381338	5/4/2023 10:00	5/5/2023 10:00	1439	2.84
447406	5/4/2023 10:00	5/5/2023 10:00	1439	0.08
8068454	5/4/2023 10:00	5/4/2023 11:11	71	0
1417279	5/4/2023 10:00	5/4/2023 14:32	272	0
1378692	5/4/2023 10:00	5/5/2023 10:00	1439	0
1404368	5/4/2023 10:00	5/5/2023 10:00	1439	0.05
1538577	5/4/2023 10:00	5/4/2023 11:38	98	0
1464949	5/4/2023 10:00	5/4/2023 13:43	223	0
569420	5/4/2023 10:00	5/5/2023 10:00	1439	0
572882	5/4/2023 10:00	5/5/2023 10:00	1439	0
1393633	5/4/2023 10:00	5/5/2023 10:00	1439	0
972377	5/4/2023 10:00	5/4/2023 13:58	238	0.02
1378128	5/4/2023 10:00	5/5/2023 10:00	1439	0
1511532	5/4/2023 10:00	5/5/2023 0:28	868	0.78
1343091	5/4/2023 10:00	5/4/2023 11:44	104	0
324045	5/4/2023 10:00	5/4/2023 12:53	173	0.05
46184	5/4/2023 10:00	5/5/2023 10:00	1439	0
1356945	5/4/2023 10:00	5/5/2023 0:28	868	0
637185	5/4/2023 10:00	5/5/2023 10:00	1439	0
6761269	5/4/2023 10:00	5/5/2023 10:00	1439	0
264186	5/4/2023 10:00	5/5/2023 10:00	1439	0
705447	5/4/2023 10:00	5/5/2023 10:00	1439	0
558031	5/4/2023 10:00	5/5/2023 10:00	1439	0
1557676	5/4/2023 10:00	5/5/2023 10:00	1439	0.01
507365	5/4/2023 10:00	5/4/2023 14:42	282	0
564357	5/4/2023 10:00	5/5/2023 10:00	1439	0
564518	5/4/2023 10:00	5/4/2023 13:54	234	0
51483	5/4/2023 10:00	5/4/2023 14:05	245	0.03
1362130	5/4/2023 10:00	5/4/2023 11:53	113	0
791282	5/4/2023 10:00	5/5/2023 10:00	1439	1.05
325050	5/4/2023 10:00	5/5/2023 10:00	1439	0
801004	5/4/2023 10:00	5/5/2023 10:00	1439	0
1349502	5/4/2023 10:00	5/5/2023 10:00	1439	0
2032900	5/4/2023 10:00	5/4/2023 11:15	75	0

1378273	5/4/2023 10:00	5/5/2023 10:00	1439	0
1342974	5/4/2023 10:00	5/5/2023 10:00	1439	0
188639	5/4/2023 10:00	5/5/2023 10:00	1439	0.31
1408176	5/4/2023 10:00	5/4/2023 11:06	66	0.02
791361	5/4/2023 10:00	5/5/2023 10:00	1439	0
1556486	5/4/2023 10:00	5/4/2023 12:33	153	0
1431752	5/4/2023 10:00	5/5/2023 10:00	1439	0
1557188	5/4/2023 10:00	5/4/2023 12:52	172	0
561672	5/4/2023 10:00	5/4/2023 11:48	108	0.16
6168330	5/4/2023 10:00	5/5/2023 10:00	1439	0.01
1395587	5/4/2023 10:00	5/5/2023 10:00	1439	0
1190820	5/4/2023 10:00	5/4/2023 23:08	788	0.13
265473	5/4/2023 10:00	5/4/2023 23:59	839	0
1508563	5/4/2023 10:00	5/4/2023 11:30	90	0
1321750	5/4/2023 10:00	5/5/2023 10:00	1439	0.86
1093833	5/4/2023 10:00	5/5/2023 10:00	1439	0.03
6623421	5/4/2023 10:00	5/4/2023 13:53	233	0
1384509	5/4/2023 10:00	5/5/2023 10:00	1439	0
1408176	5/4/2023 11:06	5/5/2023 1:44	878	0.65
8068454	5/4/2023 11:11	5/5/2023 0:28	797	0
2032900	5/4/2023 11:15	5/5/2023 0:28	793	0
1508563	5/4/2023 11:30	5/5/2023 0:28	778	0.71
266906	5/4/2023 11:32	5/5/2023 0:28	776	0.06
1538577	5/4/2023 11:38	5/5/2023 0:28	770	0.77
1343091	5/4/2023 11:44	5/5/2023 0:28	764	0.25
561672	5/4/2023 11:48	5/5/2023 1:46	838	0
1362130	5/4/2023 11:53	5/4/2023 20:56	543	0
345647	5/4/2023 12:26	5/5/2023 0:28	722	0
566748	5/4/2023 12:27	5/4/2023 22:18	591	0
1556486	5/4/2023 12:33	5/5/2023 0:28	715	0
427715	5/4/2023 12:39	5/5/2023 0:28	709	0
903630	5/4/2023 12:46	5/5/2023 1:45	779	0
1557188	5/4/2023 12:52	5/4/2023 22:29	577	0
324045	5/4/2023 12:53	5/5/2023 0:28	695	0.21
315346	5/4/2023 13:37	5/5/2023 0:28	651	0.41
1464949	5/4/2023 13:43	5/4/2023 14:00	17	0
314564	5/4/2023 13:52	5/5/2023 0:28	636	0
6623421	5/4/2023 13:53	5/4/2023 14:05	12	0
564518	5/4/2023 13:54	5/4/2023 14:43	49	0
972377	5/4/2023 13:58	5/4/2023 20:55	417	0.35
1464949	5/4/2023 14:00	5/4/2023 14:43	43	0
346288	5/4/2023 14:00	5/5/2023 0:28	628	0.11
51483	5/4/2023 14:05	5/4/2023 14:06	1	0
6623421	5/4/2023 14:05	5/4/2023 14:45	40	0
51483	5/4/2023 14:06	5/4/2023 14:42	36	0.05
1557303	5/4/2023 14:06	5/4/2023 14:13	7	0
1511251	5/4/2023 14:09	5/4/2023 14:22	13	0

315752	5/4/2023 14:11	5/4/2023 22:25	494	0
1557303	5/4/2023 14:13	5/4/2023 14:45	32	0
265864	5/4/2023 14:14	5/5/2023 0:28	614	0.15
1511251	5/4/2023 14:22	5/4/2023 14:45	23	0
1417279	5/4/2023 14:32	5/4/2023 14:36	4	0
1417279	5/4/2023 14:36	5/4/2023 14:42	6	0
1321663	5/4/2023 14:41	5/5/2023 10:00	1158	0
298043	5/4/2023 14:41	5/5/2023 0:28	587	0
51483	5/4/2023 14:42	5/5/2023 0:28	586	0.02
507365	5/4/2023 14:42	5/4/2023 20:44	362	0
1417279	5/4/2023 14:42	5/5/2023 0:28	586	0.06
451783	5/4/2023 14:42	5/5/2023 10:00	1157	0
564518	5/4/2023 14:43	5/5/2023 10:00	1156	0
313011	5/4/2023 14:43	5/5/2023 0:28	585	0
1464949	5/4/2023 14:43	5/5/2023 0:28	585	0
1309133	5/4/2023 14:44	5/5/2023 10:00	1155	0
506261	5/4/2023 14:44	5/5/2023 0:28	584	0.08
1299402	5/4/2023 14:44	5/5/2023 0:28	584	0.02
1557303	5/4/2023 14:45	5/5/2023 0:28	583	0.15
298846	5/4/2023 14:45	5/5/2023 10:00	1154	0
1511251	5/4/2023 14:45	5/4/2023 20:11	326	0
6623421	5/4/2023 14:45	5/5/2023 0:28	583	0
298597	5/4/2023 14:47	5/5/2023 10:00	1152	0.09
561757	5/4/2023 15:52	5/5/2023 10:00	1087	0
1593364	5/4/2023 18:14	5/5/2023 10:00	945	0
1407881	5/4/2023 18:23	5/5/2023 2:04	461	0
596091	5/4/2023 18:48	5/5/2023 2:27	459	0
444600	5/4/2023 19:15	5/5/2023 0:28	313	0
1343695	5/4/2023 19:17	5/5/2023 10:00	882	0
7607485	5/4/2023 19:26	5/5/2023 0:28	302	0
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316630	5/4/2023 20:03	5/5/2023 1:50	347	0
1511251	5/4/2023 20:11	5/5/2023 10:00	828	0
8674977	5/4/2023 20:15	5/5/2023 0:28	253	0
573677	5/4/2023 20:30	5/5/2023 10:00	809	0
507365	5/4/2023 20:44	5/5/2023 10:00	795	0
972377	5/4/2023 20:55	5/5/2023 10:00	784	0
1362130	5/4/2023 20:56	5/5/2023 0:28	212	0
566748	5/4/2023 22:18	5/5/2023 10:00	701	0
315752	5/4/2023 22:25	5/5/2023 10:00	694	0
1557188	5/4/2023 22:29	5/5/2023 10:00	690	0
1190820	5/4/2023 23:08	5/5/2023 10:00	651	0
265473	5/4/2023 23:59	5/5/2023 0:28	29	0
6623421	5/5/2023 0:28	5/5/2023 10:00	571	0
1362130	5/5/2023 0:28	5/5/2023 2:56	148	0
1538577	5/5/2023 0:28	5/5/2023 10:00	571	0

314564	5/5/2023 0:28	5/5/2023 10:00	571	0
1464949	5/5/2023 0:28	5/5/2023 10:00	571	0
8068454	5/5/2023 0:28	5/5/2023 10:00	571	0
346288	5/5/2023 0:28	5/5/2023 10:00	571	0
1343091	5/5/2023 0:28	5/5/2023 10:00	571	0
1417279	5/5/2023 0:28	5/5/2023 10:00	571	0
7607485	5/5/2023 0:28	5/5/2023 10:00	571	0
345647	5/5/2023 0:28	5/5/2023 10:00	571	0
506261	5/5/2023 0:28	5/5/2023 10:00	571	0
8674977	5/5/2023 0:28	5/5/2023 10:00	571	0
1557303	5/5/2023 0:28	5/5/2023 10:00	571	0
444600	5/5/2023 0:28	5/5/2023 10:00	571	0
313011	5/5/2023 0:28	5/5/2023 10:00	571	0
265473	5/5/2023 0:28	5/5/2023 1:59	91	0
266906	5/5/2023 0:28	5/5/2023 10:00	571	0
1355611	5/5/2023 0:28	5/5/2023 10:00	571	0
315346	5/5/2023 0:28	5/5/2023 10:00	571	0
324045	5/5/2023 0:28	5/5/2023 10:00	571	0
1299402	5/5/2023 0:28	5/5/2023 10:00	571	0
2032900	5/5/2023 0:28	5/5/2023 10:00	571	0
1556486	5/5/2023 0:28	5/5/2023 10:00	571	0
1511532	5/5/2023 0:28	5/5/2023 10:00	571	0
265864	5/5/2023 0:28	5/5/2023 10:00	571	0
298043	5/5/2023 0:28	5/5/2023 10:00	571	0
1356945	5/5/2023 0:28	5/5/2023 10:00	571	0
427715	5/5/2023 0:28	5/5/2023 10:00	571	0
51483	5/5/2023 0:28	5/5/2023 10:00	571	0
1508563	5/5/2023 0:28	5/5/2023 10:00	571	0
1408176	5/5/2023 1:44	5/5/2023 10:00	495	0
903630	5/5/2023 1:45	5/5/2023 1:58	13	0
561672	5/5/2023 1:46	5/5/2023 2:00	14	0
316630	5/5/2023 1:50	5/5/2023 2:06	16	0
903630	5/5/2023 1:58	5/5/2023 6:25	267	0
265473	5/5/2023 1:59	5/5/2023 10:00	480	0
561672	5/5/2023 2:00	5/5/2023 3:06	66	0
1407881	5/5/2023 2:04	5/5/2023 10:00	475	0
316630	5/5/2023 2:06	5/5/2023 5:10	184	0
596091	5/5/2023 2:27	5/5/2023 10:00	452	0
1362130	5/5/2023 2:56	5/5/2023 3:00	4	0
1362130	5/5/2023 3:00	5/5/2023 3:16	16	0
561672	5/5/2023 3:06	5/5/2023 10:00	413	0
1362130	5/5/2023 3:16	5/5/2023 10:00	403	0
316630	5/5/2023 5:10	5/5/2023 10:00	289	0
903630	5/5/2023 6:25	5/5/2023 10:00	214	0
8511623	5/5/2023 9:00	5/5/2023 10:00	59	0
1511251	5/5/2023 10:00	5/5/2023 12:29	149	0
444600	5/5/2023 10:00	5/6/2023 10:00	1439	0

1417279	5/5/2023 10:00	5/5/2023 13:37	217	0.5
51483	5/5/2023 10:00	5/5/2023 13:33	213	0.52
1321663	5/5/2023 10:00	5/6/2023 10:00	1439	0
6623421	5/5/2023 10:00	5/6/2023 10:00	1439	0.04
566748	5/5/2023 10:00	5/6/2023 10:00	1439	0
8674977	5/5/2023 10:00	5/6/2023 10:00	1439	0
558031	5/5/2023 10:00	5/6/2023 10:00	1439	0.36
1343695	5/5/2023 10:00	5/6/2023 10:00	1439	0
903630	5/5/2023 10:00	5/5/2023 13:45	225	0.08
1511532	5/5/2023 10:00	5/5/2023 13:50	230	1.9
265864	5/5/2023 10:00	5/6/2023 10:00	1439	0.22
298846	5/5/2023 10:00	5/6/2023 10:00	1439	0
451783	5/5/2023 10:00	5/6/2023 10:00	1439	0
346288	5/5/2023 10:00	5/6/2023 10:00	1439	0
561672	5/5/2023 10:00	5/6/2023 10:00	1439	0.09
1508563	5/5/2023 10:00	5/5/2023 13:20	200	2.02
264186	5/5/2023 10:00	5/6/2023 10:00	1439	0
1557188	5/5/2023 10:00	5/6/2023 10:00	1439	0
1415622	5/5/2023 10:00	5/6/2023 10:00	1439	0.15
266906	5/5/2023 10:00	5/5/2023 11:42	102	0.53
573677	5/5/2023 10:00	5/5/2023 13:22	202	0
314564	5/5/2023 10:00	5/5/2023 13:39	219	0
1309133	5/5/2023 10:00	5/6/2023 10:00	1439	0.28
1190820	5/5/2023 10:00	5/5/2023 14:23	263	0.03
8511623	5/5/2023 10:00	5/6/2023 10:00	1439	0
1343091	5/5/2023 10:00	5/5/2023 14:00	240	0.16
427715	5/5/2023 10:00	5/6/2023 10:00	1439	0.05
1557303	5/5/2023 10:00	5/6/2023 10:00	1439	0.14
315346	5/5/2023 10:00	5/6/2023 10:00	1439	0.56
298597	5/5/2023 10:00	5/6/2023 10:00	1439	0.38
298043	5/5/2023 10:00	5/6/2023 10:00	1439	0
8068454	5/5/2023 10:00	5/5/2023 13:23	203	0
316630	5/5/2023 10:00	5/6/2023 10:00	1439	0.57
705447	5/5/2023 10:00	5/6/2023 10:00	1439	0
637185	5/5/2023 10:00	5/6/2023 10:00	1439	0
1362130	5/5/2023 10:00	5/6/2023 10:00	1439	0
2032900	5/5/2023 10:00	5/5/2023 13:28	208	0.34
265473	5/5/2023 10:00	5/5/2023 11:58	118	0
1556486	5/5/2023 10:00	5/6/2023 2:54	1014	0
561757	5/5/2023 10:00	5/6/2023 10:00	1439	0.03
315752	5/5/2023 10:00	5/5/2023 11:54	114	0.44
1355611	5/5/2023 10:00	5/6/2023 10:00	1439	0.23
506261	5/5/2023 10:00	5/5/2023 13:24	204	0.48
1464949	5/5/2023 10:00	5/5/2023 13:39	219	0
1384509	5/5/2023 10:00	5/5/2023 12:25	145	0
564357	5/5/2023 10:00	5/6/2023 10:00	1439	0
345647	5/5/2023 10:00	5/6/2023 10:00	1439	0

7607485	5/5/2023 10:00	5/6/2023 10:00	1439	0.09
507365	5/5/2023 10:00	5/5/2023 11:31	91	0
313011	5/5/2023 10:00	5/6/2023 10:00	1439	0
1538577	5/5/2023 10:00	5/5/2023 13:35	215	0.83
450309	5/5/2023 10:00	5/6/2023 0:45	885	0.18
972377	5/5/2023 10:00	5/5/2023 13:36	216	0
1593364	5/5/2023 10:00	5/6/2023 10:00	1439	0.06
1408176	5/5/2023 10:00	5/6/2023 10:00	1439	0
1299402	5/5/2023 10:00	5/6/2023 10:00	1439	0.03
188639	5/5/2023 10:00	5/6/2023 10:00	1439	0.43
324045	5/5/2023 10:00	5/5/2023 13:26	206	0
1407881	5/5/2023 10:00	5/5/2023 14:14	254	0
1300812	5/5/2023 10:00	5/6/2023 10:00	1439	0
1356945	5/5/2023 10:00	5/6/2023 0:42	882	0
564518	5/5/2023 10:00	5/6/2023 10:00	1439	0
1395587	5/5/2023 11:02	5/5/2023 11:22	20	0
1434359	5/5/2023 11:07	5/6/2023 10:00	1372	0
1395587	5/5/2023 11:22	5/6/2023 3:09	947	0
1393633	5/5/2023 11:30	5/5/2023 21:28	598	0
507365	5/5/2023 11:31	5/5/2023 21:00	569	0
266906	5/5/2023 11:42	5/6/2023 1:04	802	1.37
288804	5/5/2023 11:45	5/5/2023 20:19	514	0.38
315752	5/5/2023 11:54	5/5/2023 12:12	18	0
265473	5/5/2023 11:58	5/5/2023 12:06	8	0
265473	5/5/2023 12:06	5/5/2023 17:18	312	0
315345	5/5/2023 12:08	5/5/2023 21:26	558	0.51
315752	5/5/2023 12:12	5/5/2023 13:34	82	0.38
1384509	5/5/2023 12:25	5/5/2023 20:53	508	0
6168330	5/5/2023 12:26	5/6/2023 0:04	698	0.46
1511251	5/5/2023 12:29	5/5/2023 20:11	462	0
315604	5/5/2023 13:05	5/6/2023 1:09	724	0.01
1404368	5/5/2023 13:16	5/6/2023 0:41	685	0.19
6761269	5/5/2023 13:16	5/6/2023 0:28	672	0
1508563	5/5/2023 13:20	5/6/2023 0:28	668	0.73
573677	5/5/2023 13:22	5/6/2023 2:40	798	0
8068454	5/5/2023 13:23	5/6/2023 1:01	698	0
506261	5/5/2023 13:24	5/5/2023 13:32	8	0
324045	5/5/2023 13:26	5/5/2023 13:37	11	0
447406	5/5/2023 13:27	5/5/2023 15:37	130	0
2032900	5/5/2023 13:28	5/6/2023 0:28	660	0
506261	5/5/2023 13:32	5/5/2023 13:44	12	0
51483	5/5/2023 13:33	5/6/2023 1:02	689	0.44
315752	5/5/2023 13:34	5/5/2023 23:38	604	0.13
1538577	5/5/2023 13:35	5/5/2023 13:49	14	0
972377	5/5/2023 13:36	5/6/2023 3:09	813	0
324045	5/5/2023 13:37	5/5/2023 14:35	58	0.2
1417279	5/5/2023 13:37	5/6/2023 2:36	779	0

1464949	5/5/2023 13:39	5/6/2023 0:28	649	0
314564	5/5/2023 13:39	5/6/2023 1:08	689	0
1435127	5/5/2023 13:41	5/6/2023 0:28	647	0
1362855	5/5/2023 13:43	5/5/2023 21:27	464	0
8627374	5/5/2023 13:43	5/6/2023 2:31	768	0
506261	5/5/2023 13:44	5/6/2023 0:28	644	0.35
569420	5/5/2023 13:45	5/6/2023 0:28	643	0.06
903630	5/5/2023 13:45	5/5/2023 14:02	17	0
1195990	5/5/2023 13:46	5/6/2023 10:00	1213	0
448227	5/5/2023 13:48	5/6/2023 10:00	1211	0
1538577	5/5/2023 13:49	5/5/2023 14:35	46	0
1511532	5/5/2023 13:50	5/6/2023 0:28	638	0.41
325050	5/5/2023 13:52	5/6/2023 0:28	636	0
313954	5/5/2023 13:52	5/6/2023 1:16	684	0
1343091	5/5/2023 14:00	5/6/2023 0:28	628	0.11
903630	5/5/2023 14:02	5/5/2023 14:05	3	0
903630	5/5/2023 14:05	5/6/2023 2:53	768	0
1407881	5/5/2023 14:14	5/5/2023 14:32	18	0
1190820	5/5/2023 14:23	5/5/2023 23:13	530	0.04
571420	5/5/2023 14:29	5/6/2023 1:06	637	0
596091	5/5/2023 14:30	5/5/2023 17:50	200	0
1407881	5/5/2023 14:32	5/5/2023 17:14	162	0
324045	5/5/2023 14:35	5/6/2023 0:28	593	0
1538577	5/5/2023 14:35	5/6/2023 0:28	593	0
1020274	5/5/2023 14:58	5/5/2023 20:56	358	0
447406	5/5/2023 15:37	5/5/2023 23:56	499	0
791361	5/5/2023 16:09	5/6/2023 10:00	1070	0
381338	5/5/2023 16:13	5/6/2023 0:28	495	0
1348780	5/5/2023 16:34	5/5/2023 16:54	20	0
1348780	5/5/2023 16:54	5/6/2023 0:34	460	0
1407881	5/5/2023 17:14	5/5/2023 20:33	199	0
265473	5/5/2023 17:18	5/5/2023 23:42	384	0
1432509	5/5/2023 17:19	5/6/2023 0:28	429	0
596091	5/5/2023 17:50	5/6/2023 1:16	446	0
1394543	5/5/2023 17:55	5/6/2023 10:00	964	0
1281578	5/5/2023 18:36	5/6/2023 10:00	923	0
396857	5/5/2023 18:53	5/6/2023 10:00	906	0
316997	5/5/2023 19:12	5/6/2023 0:38	326	0
8148103	5/5/2023 19:42	5/6/2023 0:57	315	0
7932279	5/5/2023 19:57	5/6/2023 10:00	842	0
1511251	5/5/2023 20:11	5/6/2023 10:00	828	0
288804	5/5/2023 20:19	5/6/2023 0:28	249	0
8590289	5/5/2023 20:19	5/6/2023 2:30	371	0
1407881	5/5/2023 20:33	5/6/2023 0:28	235	0
1384509	5/5/2023 20:53	5/6/2023 10:00	786	0
1020274	5/5/2023 20:56	5/6/2023 10:00	783	0
507365	5/5/2023 21:00	5/6/2023 10:00	779	0

315345	5/5/2023 21:26	5/6/2023 10:00	753	0
1362855	5/5/2023 21:27	5/6/2023 10:00	752	0
1393633	5/5/2023 21:28	5/6/2023 10:00	751	0
1190820	5/5/2023 23:13	5/6/2023 0:28	75	0
315752	5/5/2023 23:38	5/6/2023 0:28	50	0
265473	5/5/2023 23:42	5/6/2023 0:28	46	0
447406	5/5/2023 23:56	5/6/2023 0:28	32	0
6168330	5/6/2023 0:04	5/6/2023 0:42	38	0
1190820	5/6/2023 0:28	5/6/2023 5:33	305	0
317126	5/6/2023 0:28	5/6/2023 1:33	65	0
1435127	5/6/2023 0:28	5/6/2023 10:00	571	0
381338	5/6/2023 0:28	5/6/2023 10:00	571	0
1464949	5/6/2023 0:28	5/6/2023 10:00	571	0
1432509	5/6/2023 0:28	5/6/2023 10:00	571	0
1407881	5/6/2023 0:28	5/6/2023 0:53	25	0
265473	5/6/2023 0:28	5/6/2023 1:02	34	0
1508563	5/6/2023 0:28	5/6/2023 10:00	571	0
1539391	5/6/2023 0:28	5/6/2023 10:00	571	0
315752	5/6/2023 0:28	5/6/2023 4:58	270	0
324045	5/6/2023 0:28	5/6/2023 10:00	571	0
2032900	5/6/2023 0:28	5/6/2023 10:00	571	0
506261	5/6/2023 0:28	5/6/2023 10:00	571	0
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1343091	5/6/2023 0:28	5/6/2023 10:00	571	0
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6761269	5/6/2023 0:28	5/6/2023 10:00	571	0
447406	5/6/2023 0:28	5/6/2023 6:16	348	0
1538577	5/6/2023 0:28	5/6/2023 10:00	571	0
288804	5/6/2023 0:28	5/6/2023 1:59	91	0
1348780	5/6/2023 0:34	5/6/2023 10:00	565	0
316997	5/6/2023 0:38	5/6/2023 1:17	39	0
1404368	5/6/2023 0:41	5/6/2023 1:34	53	0
1356945	5/6/2023 0:42	5/6/2023 1:25	43	0
6168330	5/6/2023 0:42	5/6/2023 1:24	42	0
450309	5/6/2023 0:45	5/6/2023 1:35	50	0
1407881	5/6/2023 0:53	5/6/2023 10:00	546	0
8148103	5/6/2023 0:57	5/6/2023 2:03	66	0
8068454	5/6/2023 1:01	5/6/2023 2:02	61	0
51483	5/6/2023 1:02	5/6/2023 2:10	68	0
265473	5/6/2023 1:02	5/6/2023 10:00	537	0
266906	5/6/2023 1:04	5/6/2023 10:00	535	0
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314564	5/6/2023 1:08	5/6/2023 2:13	65	0
315604	5/6/2023 1:09	5/6/2023 2:13	64	0
313954	5/6/2023 1:16	5/6/2023 2:13	57	0
596091	5/6/2023 1:16	5/6/2023 10:00	523	0

316997	5/6/2023 1:17	5/6/2023 4:38	201	0
6168330	5/6/2023 1:24	5/6/2023 10:00	515	0
1356945	5/6/2023 1:25	5/6/2023 5:02	217	0
317126	5/6/2023 1:33	5/6/2023 2:17	44	0
1404368	5/6/2023 1:34	5/6/2023 1:41	7	0
450309	5/6/2023 1:35	5/6/2023 2:37	62	0
1404368	5/6/2023 1:41	5/6/2023 10:00	498	0
288804	5/6/2023 1:59	5/6/2023 2:25	26	0
8068454	5/6/2023 2:02	5/6/2023 4:41	159	0
8148103	5/6/2023 2:03	5/6/2023 4:57	174	0
51483	5/6/2023 2:10	5/6/2023 3:22	72	0
314564	5/6/2023 2:13	5/6/2023 4:48	155	0
315604	5/6/2023 2:13	5/6/2023 4:29	136	0
313954	5/6/2023 2:13	5/6/2023 4:56	163	0
317126	5/6/2023 2:17	5/6/2023 4:53	156	0
288804	5/6/2023 2:25	5/6/2023 3:00	35	0
8590289	5/6/2023 2:30	5/6/2023 2:39	9	0
8627374	5/6/2023 2:31	5/6/2023 2:40	9	0
1417279	5/6/2023 2:36	5/6/2023 2:43	7	0
450309	5/6/2023 2:37	5/6/2023 10:00	442	0
8590289	5/6/2023 2:39	5/6/2023 4:50	131	0
8627374	5/6/2023 2:40	5/6/2023 4:51	131	0
573677	5/6/2023 2:40	5/6/2023 2:48	8	0
1417279	5/6/2023 2:43	5/6/2023 4:56	133	0
573677	5/6/2023 2:48	5/6/2023 4:40	112	0
903630	5/6/2023 2:53	5/6/2023 10:00	426	0
1556486	5/6/2023 2:54	5/6/2023 3:07	13	0
288804	5/6/2023 3:00	5/6/2023 10:00	419	0
1556486	5/6/2023 3:07	5/6/2023 4:34	87	0
1395587	5/6/2023 3:09	5/6/2023 3:10	1	0
972377	5/6/2023 3:09	5/6/2023 3:14	5	0
1395587	5/6/2023 3:10	5/6/2023 4:46	96	0
972377	5/6/2023 3:14	5/6/2023 4:49	95	0
51483	5/6/2023 3:22	5/6/2023 10:00	397	0
315604	5/6/2023 4:29	5/6/2023 10:00	330	0
1556486	5/6/2023 4:34	5/6/2023 10:00	325	0
316997	5/6/2023 4:38	5/6/2023 10:00	321	0
573677	5/6/2023 4:40	5/6/2023 10:00	319	0
8068454	5/6/2023 4:41	5/6/2023 10:00	318	0
1395587	5/6/2023 4:46	5/6/2023 10:00	313	0
314564	5/6/2023 4:48	5/6/2023 10:00	311	0
972377	5/6/2023 4:49	5/6/2023 10:00	310	0
8590289	5/6/2023 4:50	5/6/2023 10:00	309	0
8627374	5/6/2023 4:51	5/6/2023 10:00	308	0
317126	5/6/2023 4:53	5/6/2023 10:00	306	0
1417279	5/6/2023 4:56	5/6/2023 10:00	303	0
313954	5/6/2023 4:56	5/6/2023 10:00	303	0

8148103	5/6/2023 4:57	5/6/2023 10:00	302	0
315752	5/6/2023 4:58	5/6/2023 10:00	301	0
1356945	5/6/2023 5:02	5/6/2023 10:00	297	0
1190820	5/6/2023 5:33	5/6/2023 10:00	266	0
447406	5/6/2023 6:16	5/6/2023 6:32	16	0
447406	5/6/2023 6:32	5/6/2023 6:36	4	0
447406	5/6/2023 6:36	5/6/2023 10:00	203	0
1020466	5/6/2023 9:13	5/6/2023 10:00	46	0
435264	5/6/2023 9:49	5/6/2023 10:00	10	0
1417279	5/6/2023 10:00	5/7/2023 10:00	1439	0.01
315346	5/6/2023 10:00	5/7/2023 10:00	1439	0.37
561672	5/6/2023 10:00	5/7/2023 10:00	1439	0.01
1435127	5/6/2023 10:00	5/7/2023 1:46	946	0
1300812	5/6/2023 10:00	5/7/2023 10:00	1439	0.34
1190820	5/6/2023 10:00	5/7/2023 10:00	1439	0.38
8068454	5/6/2023 10:00	5/7/2023 10:00	1439	0
46184	5/6/2023 10:00	5/7/2023 10:00	1439	0
1404368	5/6/2023 10:00	5/7/2023 10:00	1439	0.32
1348780	5/6/2023 10:00	5/7/2023 10:00	1439	0
569420	5/6/2023 10:00	5/6/2023 13:05	185	1.66
1394543	5/6/2023 10:00	5/7/2023 10:00	1439	0.39
1539391	5/6/2023 10:00	5/6/2023 16:00	360	0.09
1538577	5/6/2023 10:00	5/6/2023 13:30	210	0
315752	5/6/2023 10:00	5/7/2023 10:00	1439	0.71
571420	5/6/2023 10:00	5/7/2023 10:00	1439	0
1355611	5/6/2023 10:00	5/7/2023 10:00	1439	0.39
564357	5/6/2023 10:00	5/7/2023 10:00	1439	0
1395587	5/6/2023 10:00	5/7/2023 10:00	1439	0
2032900	5/6/2023 10:00	5/6/2023 12:18	138	0.19
1432509	5/6/2023 10:00	5/7/2023 10:00	1439	0
1356945	5/6/2023 10:00	5/6/2023 12:30	150	0
264186	5/6/2023 10:00	5/7/2023 10:00	1439	0
6761269	5/6/2023 10:00	5/7/2023 10:00	1439	0
450309	5/6/2023 10:00	5/7/2023 10:00	1439	0
791361	5/6/2023 10:00	5/6/2023 12:08	128	0
51483	5/6/2023 10:00	5/7/2023 0:28	868	0.03
447406	5/6/2023 10:00	5/7/2023 10:00	1439	0
1020274	5/6/2023 10:00	5/6/2023 11:21	81	0.83
1407881	5/6/2023 10:00	5/7/2023 10:00	1439	0
1464949	5/6/2023 10:00	5/7/2023 1:56	956	0
435264	5/6/2023 10:00	5/7/2023 10:00	1439	0.11
1195990	5/6/2023 10:00	5/7/2023 10:00	1439	0.2
313954	5/6/2023 10:00	5/7/2023 10:00	1439	0.75
1508563	5/6/2023 10:00	5/6/2023 12:24	144	1.2
972377	5/6/2023 10:00	5/6/2023 12:19	139	0.33
1362855	5/6/2023 10:00	5/6/2023 15:24	324	0.98
705447	5/6/2023 10:00	5/7/2023 10:00	1439	0

1309133	5/6/2023 10:00	5/7/2023 10:00	1439	1.67
1384509	5/6/2023 10:00	5/7/2023 10:00	1439	0
1434359	5/6/2023 10:00	5/6/2023 11:40	100	0.09
8148103	5/6/2023 10:00	5/7/2023 10:00	1439	0.92
8590289	5/6/2023 10:00	5/7/2023 10:00	1439	0.19
1556486	5/6/2023 10:00	5/6/2023 12:05	125	0
506261	5/6/2023 10:00	5/7/2023 10:00	1439	0.18
596091	5/6/2023 10:00	5/7/2023 10:00	1439	0
1343091	5/6/2023 10:00	5/7/2023 10:00	1439	0.5
7932279	5/6/2023 10:00	5/7/2023 10:00	1439	0
1511532	5/6/2023 10:00	5/7/2023 10:00	1439	0.03
1511251	5/6/2023 10:00	5/6/2023 11:31	91	0
1343695	5/6/2023 10:00	5/7/2023 10:00	1439	0
265473	5/6/2023 10:00	5/6/2023 11:56	116	0
316997	5/6/2023 10:00	5/7/2023 10:00	1439	0.37
314564	5/6/2023 10:00	5/7/2023 2:06	966	0
381338	5/6/2023 10:00	5/7/2023 10:00	1439	0
1393633	5/6/2023 10:00	5/7/2023 10:00	1439	0
573677	5/6/2023 10:00	5/6/2023 12:24	144	0
448227	5/6/2023 10:00	5/7/2023 10:00	1439	0
317126	5/6/2023 10:00	5/7/2023 10:00	1439	11.49
8627374	5/6/2023 10:00	5/7/2023 10:00	1439	0.06
558031	5/6/2023 10:00	5/7/2023 10:00	1439	0.33
315345	5/6/2023 10:00	5/7/2023 0:12	852	3.28
637185	5/6/2023 10:00	5/7/2023 10:00	1439	0
1408176	5/6/2023 10:00	5/7/2023 10:00	1439	0
507365	5/6/2023 10:00	5/6/2023 14:45	285	0
315604	5/6/2023 10:00	5/7/2023 2:05	965	0.42
6168330	5/6/2023 10:00	5/6/2023 12:34	154	1.27
266906	5/6/2023 11:08	5/7/2023 0:28	800	1.24
1020274	5/6/2023 11:21	5/6/2023 21:01	580	1.73
1309098	5/6/2023 11:25	5/6/2023 20:24	539	0.83
1511251	5/6/2023 11:31	5/6/2023 20:29	538	0
1434359	5/6/2023 11:40	5/6/2023 11:46	6	0.01
1434359	5/6/2023 11:46	5/6/2023 17:20	334	0
265473	5/6/2023 11:56	5/6/2023 12:08	12	0
1556486	5/6/2023 12:05	5/6/2023 21:04	539	0
265473	5/6/2023 12:08	5/6/2023 16:16	248	0
791361	5/6/2023 12:08	5/6/2023 21:16	548	0
535717	5/6/2023 12:14	5/7/2023 0:28	734	1.11
2032900	5/6/2023 12:18	5/7/2023 3:01	883	0.78
972377	5/6/2023 12:19	5/6/2023 21:17	538	1.24
434420	5/6/2023 12:24	5/7/2023 0:24	720	0
1508563	5/6/2023 12:24	5/6/2023 20:22	478	1.32
573677	5/6/2023 12:24	5/7/2023 2:43	859	0
1449371	5/6/2023 12:30	5/7/2023 2:34	844	0
1356945	5/6/2023 12:30	5/7/2023 1:12	762	0

6168330	5/6/2023 12:34	5/6/2023 12:44	10	0.07
859747	5/6/2023 12:35	5/6/2023 14:52	137	0
7415412	5/6/2023 12:36	5/7/2023 10:00	1283	0
298597	5/6/2023 12:38	5/7/2023 8:43	1205	0
298043	5/6/2023 12:43	5/7/2023 3:13	870	0
6168330	5/6/2023 12:44	5/6/2023 16:34	230	0
1573666	5/6/2023 12:45	5/7/2023 0:28	703	0
435820	5/6/2023 12:45	5/7/2023 10:00	1274	0
568157	5/6/2023 12:48	5/7/2023 1:21	753	0
1704326	5/6/2023 12:57	5/7/2023 10:00	1262	0
569420	5/6/2023 13:05	5/6/2023 13:17	12	0.14
451783	5/6/2023 13:17	5/7/2023 10:00	1242	0
569420	5/6/2023 13:17	5/6/2023 14:45	88	0
392602	5/6/2023 13:27	5/7/2023 0:58	691	0.08
1538577	5/6/2023 13:30	5/7/2023 0:28	658	0
324045	5/6/2023 13:35	5/7/2023 1:33	718	0
392223	5/6/2023 13:42	5/7/2023 0:28	646	0
500322	5/6/2023 13:50	5/6/2023 21:28	458	0
436698	5/6/2023 14:01	5/7/2023 10:00	1198	0
325050	5/6/2023 14:12	5/7/2023 1:59	707	0
1407232	5/6/2023 14:25	5/6/2023 20:43	378	0.19
434335	5/6/2023 14:31	5/7/2023 0:55	624	0
1469225	5/6/2023 14:31	5/7/2023 0:28	597	0
1503562	5/6/2023 14:34	5/6/2023 20:33	359	0
1518507	5/6/2023 14:41	5/7/2023 0:28	587	0
507365	5/6/2023 14:45	5/6/2023 21:02	377	0
569420	5/6/2023 14:45	5/7/2023 0:28	583	0
859747	5/6/2023 14:52	5/6/2023 14:59	7	0
345647	5/6/2023 14:52	5/7/2023 0:28	576	0
953736	5/6/2023 14:55	5/7/2023 1:20	625	0.02
859747	5/6/2023 14:59	5/6/2023 20:12	313	0
298846	5/6/2023 15:10	5/7/2023 10:00	1129	0.02
952881	5/6/2023 15:16	5/7/2023 10:00	1123	0
1362855	5/6/2023 15:24	5/6/2023 23:02	458	0
288804	5/6/2023 15:36	5/7/2023 10:00	1103	0
1593364	5/6/2023 15:53	5/7/2023 10:00	1086	0
1539391	5/6/2023 16:00	5/7/2023 0:28	508	0
265473	5/6/2023 16:16	5/6/2023 23:55	459	0
6168330	5/6/2023 16:34	5/7/2023 0:12	458	0
434378	5/6/2023 16:40	5/7/2023 0:28	468	0
7607485	5/6/2023 16:46	5/7/2023 10:00	1033	0
535845	5/6/2023 17:05	5/7/2023 1:42	517	0
1434359	5/6/2023 17:20	5/6/2023 23:43	383	0
433752	5/6/2023 17:50	5/7/2023 10:00	969	0
316630	5/6/2023 19:41	5/7/2023 2:18	397	0
859747	5/6/2023 20:12	5/7/2023 2:53	401	0
265864	5/6/2023 20:13	5/6/2023 20:29	16	0

1441767	5/6/2023 20:14	5/7/2023 10:00	825	0
345427	5/6/2023 20:17	5/7/2023 10:00	822	0
1557100	5/6/2023 20:21	5/7/2023 0:28	247	0
346288	5/6/2023 20:21	5/7/2023 10:00	818	0
1508563	5/6/2023 20:22	5/7/2023 0:28	246	0
1309098	5/6/2023 20:24	5/7/2023 10:00	815	0
348007	5/6/2023 20:26	5/7/2023 10:00	813	0
1511251	5/6/2023 20:29	5/7/2023 0:28	239	0
265864	5/6/2023 20:29	5/7/2023 0:28	239	0
1503562	5/6/2023 20:33	5/7/2023 10:00	806	0
1407232	5/6/2023 20:43	5/7/2023 10:00	796	0
1020274	5/6/2023 21:01	5/7/2023 0:28	207	0
507365	5/6/2023 21:02	5/7/2023 0:28	206	0
1556486	5/6/2023 21:04	5/7/2023 0:28	204	0
791361	5/6/2023 21:16	5/7/2023 0:28	192	0
972377	5/6/2023 21:17	5/7/2023 10:00	762	0
500322	5/6/2023 21:28	5/7/2023 10:00	751	0
1362855	5/6/2023 23:02	5/7/2023 10:00	657	0
1434359	5/6/2023 23:43	5/7/2023 0:28	45	0
265473	5/6/2023 23:55	5/7/2023 10:00	604	0
315345	5/7/2023 0:12	5/7/2023 0:28	16	0
6168330	5/7/2023 0:12	5/7/2023 10:00	587	0
434420	5/7/2023 0:24	5/7/2023 0:28	4	0
1557100	5/7/2023 0:28	5/7/2023 10:00	571	0
1573666	5/7/2023 0:28	5/7/2023 10:00	571	0
1518507	5/7/2023 0:28	5/7/2023 10:00	571	0
1020274	5/7/2023 0:28	5/7/2023 3:01	153	0
535717	5/7/2023 0:28	5/7/2023 10:00	571	0
266906	5/7/2023 0:28	5/7/2023 10:00	571	0
1434359	5/7/2023 0:28	5/7/2023 3:43	195	0
791361	5/7/2023 0:28	5/7/2023 0:36	8	0
1539391	5/7/2023 0:28	5/7/2023 10:00	571	0
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507365	5/7/2023 0:28	5/7/2023 3:22	174	0
345647	5/7/2023 0:28	5/7/2023 10:00	571	0
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265864	5/7/2023 0:28	5/7/2023 10:00	571	0
51483	5/7/2023 0:28	5/7/2023 10:00	571	0
1556486	5/7/2023 0:28	5/7/2023 3:04	156	0
1469225	5/7/2023 0:28	5/7/2023 10:00	571	0
1538577	5/7/2023 0:28	5/7/2023 10:00	571	0
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434378	5/7/2023 0:28	5/7/2023 10:00	571	0
1511251	5/7/2023 0:28	5/7/2023 2:29	121	0
392223	5/7/2023 0:28	5/7/2023 10:00	571	0
434420	5/7/2023 0:28	5/7/2023 4:04	216	0
791361	5/7/2023 0:36	5/7/2023 10:00	563	0

434335	5/7/2023 0:55	5/7/2023 10:00	544	0
392602	5/7/2023 0:58	5/7/2023 10:00	541	0
1356945	5/7/2023 1:12	5/7/2023 1:31	19	0
953736	5/7/2023 1:20	5/7/2023 10:00	519	0
568157	5/7/2023 1:21	5/7/2023 1:32	11	0
1356945	5/7/2023 1:31	5/7/2023 1:52	21	0
568157	5/7/2023 1:32	5/7/2023 4:01	149	0
324045	5/7/2023 1:33	5/7/2023 1:46	13	0
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324045	5/7/2023 1:46	5/7/2023 4:13	147	0
1435127	5/7/2023 1:46	5/7/2023 2:06	20	0
1356945	5/7/2023 1:52	5/7/2023 10:00	487	0
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325050	5/7/2023 1:59	5/7/2023 2:15	16	0
315604	5/7/2023 2:05	5/7/2023 2:22	17	0
314564	5/7/2023 2:06	5/7/2023 2:22	16	0
1435127	5/7/2023 2:06	5/7/2023 4:06	120	0
1464949	5/7/2023 2:13	5/7/2023 3:56	103	0
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316630	5/7/2023 2:18	5/7/2023 2:24	6	0
1508563	5/7/2023 2:22	5/7/2023 2:39	17	0
315604	5/7/2023 2:22	5/7/2023 4:05	103	0
314564	5/7/2023 2:22	5/7/2023 3:26	64	0
316630	5/7/2023 2:24	5/7/2023 2:58	34	0
1511251	5/7/2023 2:29	5/7/2023 2:38	9	0
1449371	5/7/2023 2:34	5/7/2023 2:39	5	0
1511251	5/7/2023 2:38	5/7/2023 2:49	11	0
1508563	5/7/2023 2:39	5/7/2023 3:42	63	0
1449371	5/7/2023 2:39	5/7/2023 3:54	75	0
573677	5/7/2023 2:43	5/7/2023 2:59	16	0
1511251	5/7/2023 2:49	5/7/2023 10:00	430	0
859747	5/7/2023 2:53	5/7/2023 3:06	13	0
316630	5/7/2023 2:58	5/7/2023 10:00	421	0
573677	5/7/2023 2:59	5/7/2023 3:43	44	0
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1556486	5/7/2023 3:04	5/7/2023 3:19	15	0
859747	5/7/2023 3:06	5/7/2023 3:53	47	0
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298043	5/7/2023 3:13	5/7/2023 3:21	8	0
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298043	5/7/2023 3:21	5/7/2023 3:53	32	0
507365	5/7/2023 3:22	5/7/2023 3:24	2	0
507365	5/7/2023 3:24	5/7/2023 4:02	38	0
1556486	5/7/2023 3:24	5/7/2023 10:00	395	0
314564	5/7/2023 3:26	5/7/2023 10:00	393	0

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1434359	5/7/2023 3:43	5/7/2023 10:00	376	0
573677	5/7/2023 3:43	5/7/2023 10:00	376	0
315345	5/7/2023 3:52	5/7/2023 10:00	367	0
298043	5/7/2023 3:53	5/7/2023 10:00	366	0
859747	5/7/2023 3:53	5/7/2023 10:00	366	0
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1435127	5/7/2023 4:06	5/7/2023 10:00	353	0
324045	5/7/2023 4:13	5/7/2023 10:00	346	0
325050	5/7/2023 4:19	5/7/2023 10:00	340	0
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298597	5/7/2023 8:43	5/7/2023 8:45	2	0
298597	5/7/2023 8:45	5/7/2023 10:00	74	0
801004	5/7/2023 9:48	5/7/2023 10:00	11	0
265864	5/7/2023 10:00	5/8/2023 10:00	1439	0
1356945	5/7/2023 10:00	5/8/2023 1:02	902	0
535717	5/7/2023 10:00	5/8/2023 10:00	1439	0
1464949	5/7/2023 10:00	5/7/2023 13:23	203	0
1469225	5/7/2023 10:00	5/7/2023 13:50	230	0.12
51483	5/7/2023 10:00	5/8/2023 10:00	1439	0
1449371	5/7/2023 10:00	5/8/2023 10:00	1439	0
315345	5/7/2023 10:00	5/8/2023 10:00	1439	0.15
298597	5/7/2023 10:00	5/8/2023 10:00	1439	0.04
315346	5/7/2023 10:00	5/8/2023 10:00	1439	0
569420	5/7/2023 10:00	5/7/2023 12:46	166	0.44
1593364	5/7/2023 10:00	5/8/2023 10:00	1439	0
392602	5/7/2023 10:00	5/8/2023 10:00	1439	0.06
266906	5/7/2023 10:00	5/8/2023 10:00	1439	0
314564	5/7/2023 10:00	5/8/2023 10:00	1439	0
1503562	5/7/2023 10:00	5/8/2023 10:00	1439	0
451783	5/7/2023 10:00	5/8/2023 10:00	1439	0
1407232	5/7/2023 10:00	5/8/2023 10:00	1439	0
447406	5/7/2023 10:00	5/7/2023 12:15	135	0.03
573677	5/7/2023 10:00	5/8/2023 10:00	1439	0
264186	5/7/2023 10:00	5/8/2023 10:00	1439	0
1557100	5/7/2023 10:00	5/7/2023 13:56	236	0
7932279	5/7/2023 10:00	5/8/2023 10:00	1439	0
325050	5/7/2023 10:00	5/7/2023 11:59	119	0
434420	5/7/2023 10:00	5/8/2023 10:00	1439	0
1511251	5/7/2023 10:00	5/8/2023 1:53	953	0
436698	5/7/2023 10:00	5/8/2023 10:00	1439	0

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46184	5/7/2023 10:00	5/8/2023 10:00	1439	0
1518507	5/7/2023 10:00	5/8/2023 10:00	1439	0.05
2032900	5/7/2023 10:00	5/7/2023 11:26	86	0
1384509	5/7/2023 10:00	5/7/2023 14:33	273	0
346288	5/7/2023 10:00	5/8/2023 1:57	957	0.01
434378	5/7/2023 10:00	5/8/2023 10:00	1439	0
1539391	5/7/2023 10:00	5/7/2023 13:24	204	0.01
564357	5/7/2023 10:00	5/8/2023 10:00	1439	0
433752	5/7/2023 10:00	5/8/2023 10:00	1439	0
1508563	5/7/2023 10:00	5/8/2023 10:00	1439	0.09
637185	5/7/2023 10:00	5/8/2023 10:00	1439	0
1434359	5/7/2023 10:00	5/7/2023 11:11	71	0
1538577	5/7/2023 10:00	5/7/2023 12:34	154	0.05
705447	5/7/2023 10:00	5/8/2023 10:00	1439	0
1573666	5/7/2023 10:00	5/8/2023 10:00	1439	0
1441767	5/7/2023 10:00	5/8/2023 10:00	1439	0.02
535845	5/7/2023 10:00	5/8/2023 1:57	957	0
435820	5/7/2023 10:00	5/8/2023 10:00	1439	0
315604	5/7/2023 10:00	5/8/2023 10:00	1439	0.03
348007	5/7/2023 10:00	5/8/2023 10:00	1439	0
1704326	5/7/2023 10:00	5/8/2023 10:00	1439	0.08
1309098	5/7/2023 10:00	5/7/2023 11:24	84	0.88
568157	5/7/2023 10:00	5/8/2023 10:00	1439	0
298043	5/7/2023 10:00	5/8/2023 10:00	1439	0
1020274	5/7/2023 10:00	5/8/2023 10:00	1439	0.69
7415412	5/7/2023 10:00	5/8/2023 10:00	1439	0
450309	5/7/2023 10:00	5/8/2023 10:00	1439	0.01
859747	5/7/2023 10:00	5/8/2023 10:00	1439	0
265473	5/7/2023 10:00	5/8/2023 10:00	1439	0
298846	5/7/2023 10:00	5/8/2023 10:00	1439	0
316630	5/7/2023 10:00	5/8/2023 10:00	1439	0
288804	5/7/2023 10:00	5/8/2023 10:00	1439	0
952881	5/7/2023 10:00	5/8/2023 10:00	1439	0
434335	5/7/2023 10:00	5/8/2023 10:00	1439	0
1190820	5/7/2023 10:00	5/7/2023 11:33	93	0
1556486	5/7/2023 10:00	5/7/2023 11:04	64	0
324045	5/7/2023 10:00	5/8/2023 10:00	1439	0
392223	5/7/2023 10:00	5/8/2023 10:00	1439	0
7607485	5/7/2023 10:00	5/8/2023 10:00	1439	0
1435127	5/7/2023 10:00	5/7/2023 11:40	100	0
345647	5/7/2023 10:00	5/8/2023 10:00	1439	0
8627374	5/7/2023 10:00	5/8/2023 10:00	1439	0
6168330	5/7/2023 10:00	5/8/2023 10:00	1439	0
507365	5/7/2023 10:04	5/7/2023 14:23	259	0
972377	5/7/2023 10:06	5/8/2023 10:00	1433	0
500322	5/7/2023 10:13	5/8/2023 10:00	1426	0

791361	5/7/2023 10:15	5/8/2023 2:39	984	0
1556486	5/7/2023 11:04	5/8/2023 0:28	804	0
1434359	5/7/2023 11:11	5/7/2023 23:34	743	0
1511532	5/7/2023 11:12	5/7/2023 11:32	20	0
587455	5/7/2023 11:16	5/8/2023 0:16	780	0
1309098	5/7/2023 11:24	5/7/2023 11:40	16	0.29
2032900	5/7/2023 11:26	5/8/2023 2:24	898	0.09
6761269	5/7/2023 11:30	5/8/2023 0:49	799	0
1511532	5/7/2023 11:32	5/8/2023 0:28	776	0.18
1190820	5/7/2023 11:33	5/7/2023 11:35	2	0
1190820	5/7/2023 11:35	5/7/2023 12:13	38	0
1309098	5/7/2023 11:40	5/7/2023 11:44	4	0
1435127	5/7/2023 11:40	5/8/2023 1:39	839	0
8068454	5/7/2023 11:42	5/8/2023 10:00	1337	0
1309098	5/7/2023 11:44	5/7/2023 23:09	685	0
1557676	5/7/2023 11:46	5/7/2023 23:46	720	0.64
325050	5/7/2023 11:59	5/8/2023 1:39	820	0
1190820	5/7/2023 12:13	5/7/2023 23:33	680	0
447406	5/7/2023 12:15	5/7/2023 12:17	2	0
447406	5/7/2023 12:17	5/7/2023 16:15	238	0
1270983	5/7/2023 12:29	5/8/2023 10:00	1290	0
1538577	5/7/2023 12:34	5/8/2023 1:19	765	0
564518	5/7/2023 12:37	5/7/2023 13:37	60	0
569420	5/7/2023 12:46	5/7/2023 12:58	12	0.1
569420	5/7/2023 12:58	5/7/2023 13:46	48	0.02
1464949	5/7/2023 13:23	5/7/2023 13:41	18	0
1539391	5/7/2023 13:24	5/7/2023 13:34	10	0
1539391	5/7/2023 13:34	5/7/2023 15:04	90	0
564518	5/7/2023 13:37	5/7/2023 13:41	4	0
1600016	5/7/2023 13:39	5/8/2023 1:36	717	0
1464949	5/7/2023 13:41	5/7/2023 13:43	2	0
564518	5/7/2023 13:41	5/7/2023 19:37	356	0
1464949	5/7/2023 13:43	5/8/2023 0:28	645	0
569420	5/7/2023 13:46	5/8/2023 0:28	642	0
1195990	5/7/2023 13:49	5/8/2023 10:00	1210	0
8387677	5/7/2023 13:50	5/8/2023 0:28	638	0
1469225	5/7/2023 13:50	5/7/2023 14:02	12	0
1431752	5/7/2023 13:51	5/8/2023 0:28	637	0
1557100	5/7/2023 13:56	5/8/2023 0:28	632	0
1350598	5/7/2023 14:00	5/8/2023 1:18	678	0
1469225	5/7/2023 14:02	5/7/2023 14:10	8	0
1469225	5/7/2023 14:10	5/8/2023 0:28	618	0
507365	5/7/2023 14:23	5/7/2023 20:26	363	0
8766703	5/7/2023 14:26	5/8/2023 0:28	602	0
1447648	5/7/2023 14:31	5/8/2023 1:11	640	0
1384509	5/7/2023 14:33	5/7/2023 14:34	1	0
1384509	5/7/2023 14:34	5/7/2023 15:53	79	0

571420	5/7/2023 14:48	5/8/2023 0:28	580	0
953736	5/7/2023 14:51	5/8/2023 10:00	1148	0
1394543	5/7/2023 15:02	5/8/2023 10:00	1137	0
1539391	5/7/2023 15:04	5/8/2023 0:28	564	0
1384509	5/7/2023 15:53	5/8/2023 0:55	542	0
1469314	5/7/2023 16:02	5/8/2023 0:28	506	0
447406	5/7/2023 16:15	5/7/2023 23:54	459	0
396857	5/7/2023 16:50	5/8/2023 10:00	1029	0
1362855	5/7/2023 17:25	5/7/2023 23:29	364	0
1597937	5/7/2023 18:46	5/8/2023 0:46	360	0
564518	5/7/2023 19:37	5/8/2023 10:00	862	0
563241	5/7/2023 20:14	5/8/2023 2:47	393	0
507365	5/7/2023 20:26	5/8/2023 10:00	813	0
1309098	5/7/2023 23:09	5/8/2023 10:00	650	0
1362855	5/7/2023 23:29	5/8/2023 0:28	59	0
1190820	5/7/2023 23:33	5/8/2023 0:28	55	0
1434359	5/7/2023 23:34	5/8/2023 0:28	54	0
1557676	5/7/2023 23:46	5/8/2023 0:28	42	0
447406	5/7/2023 23:54	5/8/2023 10:00	605	0
587455	5/8/2023 0:16	5/8/2023 0:31	15	0
8387677	5/8/2023 0:28	5/8/2023 10:00	571	0
1556486	5/8/2023 0:28	5/8/2023 10:00	571	0
1464949	5/8/2023 0:28	5/8/2023 10:00	571	0
1190820	5/8/2023 0:28	5/8/2023 3:33	185	0
1557676	5/8/2023 0:28	5/8/2023 3:06	158	0
8766703	5/8/2023 0:28	5/8/2023 10:00	571	0
1434359	5/8/2023 0:28	5/8/2023 2:34	126	0
571420	5/8/2023 0:28	5/8/2023 10:00	571	0
1539391	5/8/2023 0:28	5/8/2023 10:00	571	0
569420	5/8/2023 0:28	5/8/2023 10:00	571	0
1469225	5/8/2023 0:28	5/8/2023 10:00	571	0
1469314	5/8/2023 0:28	5/8/2023 10:00	571	0
1511532	5/8/2023 0:28	5/8/2023 10:00	571	0
1431752	5/8/2023 0:28	5/8/2023 10:00	571	0
1362855	5/8/2023 0:28	5/8/2023 1:49	81	0
1557100	5/8/2023 0:28	5/8/2023 10:00	571	0
587455	5/8/2023 0:31	5/8/2023 2:36	125	0
1597937	5/8/2023 0:46	5/8/2023 0:57	11	0
6761269	5/8/2023 0:49	5/8/2023 1:07	18	0
1384509	5/8/2023 0:55	5/8/2023 10:00	544	0
1597937	5/8/2023 0:57	5/8/2023 5:06	249	0
1356945	5/8/2023 1:02	5/8/2023 10:00	537	0
6761269	5/8/2023 1:07	5/8/2023 2:49	102	0
1447648	5/8/2023 1:11	5/8/2023 10:00	528	0
1350598	5/8/2023 1:18	5/8/2023 10:00	521	0
1538577	5/8/2023 1:19	5/8/2023 1:36	17	0
1538577	5/8/2023 1:36	5/8/2023 3:59	143	0

1600016	5/8/2023 1:36	5/8/2023 1:52	16	0
1435127	5/8/2023 1:39	5/8/2023 1:41	2	0
325050	5/8/2023 1:39	5/8/2023 1:49	10	0
1435127	5/8/2023 1:41	5/8/2023 2:59	78	0
1362855	5/8/2023 1:49	5/8/2023 10:00	490	0
325050	5/8/2023 1:49	5/8/2023 3:19	90	0
1600016	5/8/2023 1:52	5/8/2023 3:56	124	0
1511251	5/8/2023 1:53	5/8/2023 10:00	486	0
535845	5/8/2023 1:57	5/8/2023 10:00	482	0
346288	5/8/2023 1:57	5/8/2023 2:03	6	0
345427	5/8/2023 2:02	5/8/2023 2:04	2	0
346288	5/8/2023 2:03	5/8/2023 2:37	34	0
345427	5/8/2023 2:04	5/8/2023 2:42	38	0
2032900	5/8/2023 2:24	5/8/2023 2:35	11	0
1434359	5/8/2023 2:34	5/8/2023 10:00	445	0
2032900	5/8/2023 2:35	5/8/2023 2:44	9	0
587455	5/8/2023 2:36	5/8/2023 10:00	443	0
346288	5/8/2023 2:37	5/8/2023 10:00	442	0
791361	5/8/2023 2:39	5/8/2023 10:00	440	0
345427	5/8/2023 2:42	5/8/2023 10:00	437	0
2032900	5/8/2023 2:44	5/8/2023 10:00	435	0
563241	5/8/2023 2:47	5/8/2023 2:49	2	0
6761269	5/8/2023 2:49	5/8/2023 10:00	430	0
563241	5/8/2023 2:49	5/8/2023 3:47	58	0
1435127	5/8/2023 2:59	5/8/2023 10:00	420	0
1557676	5/8/2023 3:06	5/8/2023 10:00	413	0
325050	5/8/2023 3:19	5/8/2023 10:00	400	0
1190820	5/8/2023 3:33	5/8/2023 10:00	386	0
563241	5/8/2023 3:47	5/8/2023 10:00	372	0
1600016	5/8/2023 3:56	5/8/2023 10:00	363	0
1538577	5/8/2023 3:59	5/8/2023 10:00	360	0
1597937	5/8/2023 5:06	5/8/2023 10:00	293	0
1408176	5/8/2023 9:36	5/8/2023 10:00	23	0
1362130	5/8/2023 9:51	5/8/2023 10:00	8	0
324045	5/8/2023 10:00	5/8/2023 12:22	142	0
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396857	5/8/2023 10:00	5/9/2023 10:00	1439	0
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1362130	5/8/2023 10:00	5/9/2023 10:00	1439	0
1464949	5/8/2023 10:00	5/9/2023 10:00	1439	0
1469314	5/8/2023 10:00	5/9/2023 10:00	1439	0
8068454	5/8/2023 10:00	5/9/2023 10:00	1439	0
571420	5/8/2023 10:00	5/9/2023 10:00	1439	0
535845	5/8/2023 10:00	5/9/2023 10:00	1439	0.18
1362855	5/8/2023 10:00	5/9/2023 10:00	1439	0.1
1539391	5/8/2023 10:00	5/8/2023 13:34	214	0.9
348007	5/8/2023 10:00	5/9/2023 10:00	1439	0

1309098	5/8/2023 10:00	5/8/2023 11:23	83	0.64
1600016	5/8/2023 10:00	5/9/2023 10:00	1439	0
1447648	5/8/2023 10:00	5/9/2023 10:00	1439	0.11
8387677	5/8/2023 10:00	5/8/2023 12:49	169	0.06
1195990	5/8/2023 10:00	5/9/2023 10:00	1439	0.21
1394543	5/8/2023 10:00	5/8/2023 14:00	240	0.17
345647	5/8/2023 10:00	5/9/2023 10:00	1439	0
8627374	5/8/2023 10:00	5/9/2023 10:00	1439	0.01
325050	5/8/2023 10:00	5/9/2023 10:00	1439	0
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564357	5/8/2023 10:00	5/9/2023 10:00	1439	0
953736	5/8/2023 10:00	5/9/2023 10:00	1439	0
1557676	5/8/2023 10:00	5/9/2023 10:00	1439	0.01
507365	5/8/2023 10:00	5/8/2023 14:33	273	0
1435127	5/8/2023 10:00	5/9/2023 10:00	1439	0
1431752	5/8/2023 10:00	5/9/2023 10:00	1439	0
6761269	5/8/2023 10:00	5/9/2023 0:28	868	0
46184	5/8/2023 10:00	5/9/2023 10:00	1439	0
1538577	5/8/2023 10:00	5/8/2023 11:29	89	0
705447	5/8/2023 10:00	5/9/2023 10:00	1439	0
1270983	5/8/2023 10:00	5/9/2023 10:00	1439	0
1434359	5/8/2023 10:00	5/9/2023 10:00	1439	0
298043	5/8/2023 10:00	5/9/2023 9:06	1386	0
1408176	5/8/2023 10:00	5/9/2023 10:00	1439	0
1384509	5/8/2023 10:00	5/9/2023 10:00	1439	0
1356945	5/8/2023 10:00	5/9/2023 10:00	1439	0
1597937	5/8/2023 10:00	5/8/2023 12:52	172	0.28
952881	5/8/2023 10:00	5/9/2023 10:00	1439	0
1469225	5/8/2023 10:00	5/9/2023 10:00	1439	0
264186	5/8/2023 10:00	5/9/2023 10:00	1439	0
1511251	5/8/2023 10:00	5/8/2023 14:08	248	0
447406	5/8/2023 10:00	5/9/2023 10:00	1439	0.01
637185	5/8/2023 10:00	5/9/2023 10:00	1439	0
8766703	5/8/2023 10:00	5/9/2023 10:00	1439	0
563241	5/8/2023 10:00	5/9/2023 2:45	1005	1.06
6168330	5/8/2023 10:00	5/9/2023 10:00	1439	0
1557100	5/8/2023 10:00	5/9/2023 10:00	1439	0.04
1350598	5/8/2023 10:00	5/9/2023 10:00	1439	0
346288	5/8/2023 10:00	5/8/2023 14:04	244	0.16
569420	5/8/2023 10:00	5/9/2023 10:00	1439	0.05
859747	5/8/2023 10:41	5/8/2023 20:24	583	0
1342974	5/8/2023 10:41	5/9/2023 0:31	830	0
1363415	5/8/2023 10:41	5/9/2023 0:28	827	0.01
1343091	5/8/2023 10:43	5/8/2023 20:33	590	0.77
558031	5/8/2023 10:45	5/9/2023 0:28	823	0.16
1299402	5/8/2023 10:51	5/8/2023 20:35	584	0.83
315346	5/8/2023 11:19	5/9/2023 10:00	1360	0

1309098	5/8/2023 11:23	5/8/2023 11:40	17	0.14
1538577	5/8/2023 11:29	5/9/2023 0:28	779	0.7
564518	5/8/2023 11:37	5/8/2023 13:37	120	0
561757	5/8/2023 11:40	5/8/2023 11:48	8	0
1309098	5/8/2023 11:40	5/8/2023 14:35	175	0.99
740241	5/8/2023 11:45	5/8/2023 22:10	625	0
561757	5/8/2023 11:48	5/9/2023 0:28	760	0
265473	5/8/2023 11:59	5/8/2023 14:19	140	0
1508563	5/8/2023 12:12	5/9/2023 0:28	736	1.79
324045	5/8/2023 12:22	5/9/2023 0:28	726	0.37
587455	5/8/2023 12:31	5/8/2023 22:12	581	0
1432509	5/8/2023 12:40	5/9/2023 0:28	708	0
8387677	5/8/2023 12:49	5/9/2023 1:52	783	0.03
1597937	5/8/2023 12:52	5/9/2023 0:28	696	0.41
313954	5/8/2023 13:31	5/9/2023 0:28	657	0
1539391	5/8/2023 13:34	5/8/2023 13:46	12	0
564518	5/8/2023 13:37	5/8/2023 13:54	17	0
315604	5/8/2023 13:43	5/9/2023 0:28	645	0.18
1539391	5/8/2023 13:46	5/8/2023 13:54	8	0
1539391	5/8/2023 13:54	5/9/2023 0:28	634	0.34
314564	5/8/2023 13:54	5/9/2023 0:28	634	0
564518	5/8/2023 13:54	5/8/2023 14:32	38	0
1466638	5/8/2023 13:56	5/9/2023 0:28	632	0
51483	5/8/2023 13:58	5/9/2023 0:28	630	0.21
313731	5/8/2023 13:58	5/9/2023 2:00	722	0.01
1394543	5/8/2023 14:00	5/8/2023 14:19	19	0.01
346288	5/8/2023 14:04	5/8/2023 14:10	6	0
1511251	5/8/2023 14:08	5/8/2023 14:15	7	0
346288	5/8/2023 14:10	5/8/2023 17:44	214	0
1417279	5/8/2023 14:11	5/9/2023 0:28	617	0.59
1511532	5/8/2023 14:11	5/8/2023 17:51	220	0.53
1511251	5/8/2023 14:15	5/8/2023 14:34	19	0
265473	5/8/2023 14:19	5/8/2023 23:58	579	0
266906	5/8/2023 14:19	5/9/2023 0:28	609	0.02
1394543	5/8/2023 14:19	5/8/2023 14:33	14	0
791361	5/8/2023 14:31	5/9/2023 0:28	597	0
564518	5/8/2023 14:32	5/9/2023 10:00	1167	0
1394543	5/8/2023 14:33	5/9/2023 0:28	595	0.01
507365	5/8/2023 14:33	5/8/2023 20:42	369	0
1518507	5/8/2023 14:34	5/9/2023 10:00	1165	0
1511251	5/8/2023 14:34	5/8/2023 20:10	336	0
1309098	5/8/2023 14:35	5/8/2023 22:07	452	0.02
324290	5/8/2023 14:37	5/9/2023 0:28	591	0
903630	5/8/2023 14:37	5/9/2023 10:00	1162	0
1518502	5/8/2023 14:38	5/9/2023 0:28	590	0
2032900	5/8/2023 14:38	5/8/2023 20:41	363	0
1404368	5/8/2023 16:49	5/9/2023 10:00	1030	0

1281578	5/8/2023 17:31	5/9/2023 10:00	988	0
346288	5/8/2023 17:44	5/9/2023 1:22	458	0
1511532	5/8/2023 17:51	5/9/2023 1:29	458	0
456099	5/8/2023 18:08	5/9/2023 10:00	951	0
1557188	5/8/2023 18:46	5/9/2023 10:00	913	0
121748	5/8/2023 19:38	5/9/2023 1:40	362	0
1415622	5/8/2023 19:44	5/9/2023 10:00	855	0
1557303	5/8/2023 19:49	5/9/2023 0:28	279	0
6623421	5/8/2023 19:51	5/9/2023 0:28	277	0
313011	5/8/2023 19:53	5/9/2023 0:28	275	0
316630	5/8/2023 19:58	5/9/2023 0:28	270	0
1511251	5/8/2023 20:10	5/9/2023 10:00	829	0
859747	5/8/2023 20:24	5/9/2023 10:00	815	0
1343091	5/8/2023 20:33	5/9/2023 0:28	235	0
1299402	5/8/2023 20:35	5/9/2023 10:00	804	0
2032900	5/8/2023 20:41	5/9/2023 0:28	227	0
507365	5/8/2023 20:42	5/9/2023 10:00	797	0
1309098	5/8/2023 22:07	5/9/2023 10:00	712	0
740241	5/8/2023 22:10	5/9/2023 10:00	709	0
587455	5/8/2023 22:12	5/9/2023 10:00	707	0
265473	5/8/2023 23:58	5/9/2023 0:28	30	0
1538577	5/9/2023 0:28	5/9/2023 10:00	571	0
561757	5/9/2023 0:28	5/9/2023 10:00	571	0
558031	5/9/2023 0:28	5/9/2023 10:00	571	0
313011	5/9/2023 0:28	5/9/2023 10:00	571	0
1343091	5/9/2023 0:28	5/9/2023 1:00	32	0
313954	5/9/2023 0:28	5/9/2023 10:00	571	0
1557303	5/9/2023 0:28	5/9/2023 10:00	571	0
1417279	5/9/2023 0:28	5/9/2023 10:00	571	0
6623421	5/9/2023 0:28	5/9/2023 10:00	571	0
1466638	5/9/2023 0:28	5/9/2023 10:00	571	0
324290	5/9/2023 0:28	5/9/2023 10:00	571	0
266906	5/9/2023 0:28	5/9/2023 10:00	571	0
1432509	5/9/2023 0:28	5/9/2023 10:00	571	0
265473	5/9/2023 0:28	5/9/2023 2:58	150	0
1518502	5/9/2023 0:28	5/9/2023 10:00	571	0
1597937	5/9/2023 0:28	5/9/2023 10:00	571	0
791361	5/9/2023 0:28	5/9/2023 10:00	571	0
51483	5/9/2023 0:28	5/9/2023 10:00	571	0
1539391	5/9/2023 0:28	5/9/2023 10:00	571	0
1508563	5/9/2023 0:28	5/9/2023 10:00	571	0
315604	5/9/2023 0:28	5/9/2023 10:00	571	0
1394543	5/9/2023 0:28	5/9/2023 10:00	571	0
6761269	5/9/2023 0:28	5/9/2023 10:00	571	0
314564	5/9/2023 0:28	5/9/2023 10:00	571	0
316630	5/9/2023 0:28	5/9/2023 10:00	571	0
1363415	5/9/2023 0:28	5/9/2023 10:00	571	0

324045	5/9/2023 0:28	5/9/2023 10:00	571	0
2032900	5/9/2023 0:28	5/9/2023 1:41	73	0
1342974	5/9/2023 0:31	5/9/2023 10:00	568	0
1343091	5/9/2023 1:00	5/9/2023 10:00	539	0
346288	5/9/2023 1:22	5/9/2023 10:00	517	0
1511532	5/9/2023 1:29	5/9/2023 10:00	510	0
121748	5/9/2023 1:40	5/9/2023 1:58	18	0
2032900	5/9/2023 1:41	5/9/2023 10:00	498	0
8387677	5/9/2023 1:52	5/9/2023 2:12	20	0
121748	5/9/2023 1:58	5/9/2023 6:00	242	0
313731	5/9/2023 2:00	5/9/2023 2:08	8	0
313731	5/9/2023 2:08	5/9/2023 5:40	212	0
8387677	5/9/2023 2:12	5/9/2023 4:12	120	0
563241	5/9/2023 2:45	5/9/2023 10:00	434	0
265473	5/9/2023 2:58	5/9/2023 10:00	421	0
8387677	5/9/2023 4:12	5/9/2023 10:00	347	0
313731	5/9/2023 5:40	5/9/2023 10:00	259	0
121748	5/9/2023 6:00	5/9/2023 10:00	239	0
1355611	5/9/2023 8:57	5/9/2023 10:00	62	0
298597	5/9/2023 9:03	5/9/2023 10:00	56	0
298043	5/9/2023 9:06	5/9/2023 9:11	5	0
298043	5/9/2023 9:11	5/9/2023 10:00	48	0
1557676	5/9/2023 10:00	5/9/2023 17:47	467	0.03
1417279	5/9/2023 10:00	5/9/2023 12:59	179	0.5
324045	5/9/2023 10:00	5/9/2023 13:24	204	0
587455	5/9/2023 10:00	5/10/2023 10:00	1439	0
456099	5/9/2023 10:00	5/10/2023 10:00	1439	0
1299402	5/9/2023 10:00	5/9/2023 13:40	220	0
1309098	5/9/2023 10:00	5/9/2023 23:22	802	0.92
507365	5/9/2023 10:00	5/9/2023 13:46	226	0
266906	5/9/2023 10:00	5/10/2023 10:00	1439	0.01
1356945	5/9/2023 10:00	5/9/2023 13:08	188	0
8387677	5/9/2023 10:00	5/10/2023 10:00	1439	0
1511251	5/9/2023 10:00	5/10/2023 10:00	1439	0
1518507	5/9/2023 10:00	5/9/2023 12:55	175	0.1
298043	5/9/2023 10:00	5/10/2023 10:00	1439	0
315346	5/9/2023 10:00	5/9/2023 13:36	216	0
740241	5/9/2023 10:00	5/10/2023 10:00	1439	0
1394543	5/9/2023 10:00	5/10/2023 10:00	1439	0.22
46184	5/9/2023 10:00	5/10/2023 10:00	1439	0
346288	5/9/2023 10:00	5/9/2023 14:06	246	0.04
1511532	5/9/2023 10:00	5/9/2023 14:09	249	1.53
316630	5/9/2023 10:00	5/10/2023 1:58	958	0.52
314564	5/9/2023 10:00	5/9/2023 13:38	218	0
558031	5/9/2023 10:00	5/9/2023 13:34	214	0
1518502	5/9/2023 10:00	5/10/2023 2:18	978	0
564357	5/9/2023 10:00	5/10/2023 10:00	1439	0

313011	5/9/2023 10:00	5/10/2023 1:58	958	0
1342974	5/9/2023 10:00	5/10/2023 10:00	1439	0
1281578	5/9/2023 10:00	5/10/2023 10:00	1439	0
1597937	5/9/2023 10:00	5/10/2023 10:00	1439	0
313954	5/9/2023 10:00	5/9/2023 13:57	237	0.58
1363415	5/9/2023 10:00	5/10/2023 10:00	1439	0.04
6623421	5/9/2023 10:00	5/9/2023 12:12	132	0
6761269	5/9/2023 10:00	5/10/2023 10:00	1439	0
1508563	5/9/2023 10:00	5/9/2023 13:29	209	0.6
1434359	5/9/2023 10:00	5/10/2023 10:00	1439	0
564518	5/9/2023 10:00	5/10/2023 10:00	1439	0
1539391	5/9/2023 10:00	5/9/2023 13:39	219	0.88
563241	5/9/2023 10:00	5/10/2023 10:00	1439	0
1415622	5/9/2023 10:00	5/10/2023 10:00	1439	0.03
264186	5/9/2023 10:00	5/10/2023 10:00	1439	0
313731	5/9/2023 10:00	5/10/2023 1:58	958	0.6
637185	5/9/2023 10:00	5/10/2023 10:00	1439	0
859747	5/9/2023 10:00	5/10/2023 2:53	1013	0
265473	5/9/2023 10:00	5/10/2023 10:00	1439	0
561757	5/9/2023 10:00	5/10/2023 10:00	1439	0
1557188	5/9/2023 10:00	5/10/2023 0:51	891	0
1432509	5/9/2023 10:00	5/9/2023 13:24	204	0
1343091	5/9/2023 10:00	5/10/2023 10:00	1439	0.16
298597	5/9/2023 10:00	5/10/2023 10:00	1439	0
51483	5/9/2023 10:00	5/9/2023 13:48	228	0
1557303	5/9/2023 10:00	5/9/2023 13:24	204	0.12
1404368	5/9/2023 10:00	5/10/2023 10:00	1439	0.14
705447	5/9/2023 10:00	5/10/2023 10:00	1439	0
324290	5/9/2023 10:00	5/10/2023 10:00	1439	0
1538577	5/9/2023 10:00	5/10/2023 10:00	1439	0
121748	5/9/2023 10:00	5/10/2023 10:00	1439	0
1466638	5/9/2023 10:00	5/9/2023 13:56	236	0
315604	5/9/2023 10:00	5/9/2023 14:05	245	0
2032900	5/9/2023 10:00	5/9/2023 14:41	281	0.13
298846	5/9/2023 11:21	5/10/2023 10:00	1358	0.01
1390184	5/9/2023 11:25	5/9/2023 21:03	578	1.49
1190820	5/9/2023 11:33	5/9/2023 13:28	115	0.08
315752	5/9/2023 11:56	5/9/2023 21:14	558	0
6623421	5/9/2023 12:12	5/10/2023 0:28	736	0.15
6168330	5/9/2023 12:33	5/9/2023 21:11	518	0
345647	5/9/2023 12:37	5/10/2023 1:57	800	0
1518507	5/9/2023 12:55	5/9/2023 13:03	8	0.01
1417279	5/9/2023 12:59	5/10/2023 2:37	818	1.44
1093833	5/9/2023 13:02	5/10/2023 1:06	724	0.06
1518507	5/9/2023 13:03	5/9/2023 15:55	172	0
1356945	5/9/2023 13:08	5/9/2023 13:22	14	0
801004	5/9/2023 13:21	5/9/2023 20:40	439	0

1356945	5/9/2023 13:22	5/9/2023 13:28	6	0
1557303	5/9/2023 13:24	5/10/2023 2:04	760	0.08
324045	5/9/2023 13:24	5/9/2023 13:36	12	0
1432509	5/9/2023 13:24	5/10/2023 2:22	778	0
1431752	5/9/2023 13:24	5/10/2023 10:00	1235	0
1195990	5/9/2023 13:27	5/10/2023 10:00	1232	0
1190820	5/9/2023 13:28	5/9/2023 21:08	460	0.02
1356945	5/9/2023 13:28	5/10/2023 0:28	660	0
1508563	5/9/2023 13:29	5/9/2023 20:28	419	0.2
8068454	5/9/2023 13:30	5/10/2023 0:28	658	0
558031	5/9/2023 13:34	5/10/2023 1:35	721	0
315346	5/9/2023 13:36	5/10/2023 0:28	652	0.1
324045	5/9/2023 13:36	5/9/2023 14:44	68	0
314564	5/9/2023 13:38	5/10/2023 2:13	755	0
1355611	5/9/2023 13:39	5/10/2023 10:00	1220	0
1539391	5/9/2023 13:39	5/9/2023 13:53	14	0.1
1299402	5/9/2023 13:40	5/10/2023 1:37	717	0
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313954	5/9/2023 13:57	5/9/2023 14:08	11	0
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346288	5/9/2023 14:06	5/9/2023 14:18	12	0
313954	5/9/2023 14:08	5/9/2023 16:17	129	0.03
1511532	5/9/2023 14:09	5/9/2023 14:25	16	0.27
346288	5/9/2023 14:18	5/9/2023 15:46	88	0
1511532	5/9/2023 14:25	5/9/2023 16:49	144	0.37
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324045	5/9/2023 14:44	5/10/2023 0:28	584	0.01
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1466638	5/9/2023 15:36	5/10/2023 0:28	532	0
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346288	5/9/2023 15:46	5/10/2023 0:28	522	0
1518507	5/9/2023 15:55	5/10/2023 0:28	513	0
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313954	5/9/2023 16:17	5/10/2023 0:28	491	0
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1557676	5/9/2023 17:47	5/9/2023 17:54	7	0

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1309098	5/9/2023 23:22	5/10/2023 0:28	66	0
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1309098	5/10/2023 0:28	5/10/2023 4:42	254	0
8068454	5/10/2023 0:28	5/10/2023 10:00	571	0
324045	5/10/2023 0:28	5/10/2023 10:00	571	0
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313954	5/10/2023 0:28	5/10/2023 10:00	571	0
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316630	5/10/2023 2:19	5/10/2023 4:58	159	0
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1432509	5/10/2023 2:22	5/10/2023 2:36	14	0
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345647	5/10/2023 3:57	5/10/2023 10:00	362	0
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859747	5/10/2023 4:33	5/10/2023 10:00	326	0
313011	5/10/2023 4:38	5/10/2023 10:00	321	0
1432509	5/10/2023 4:42	5/10/2023 10:00	317	0
1309098	5/10/2023 4:42	5/10/2023 10:00	317	0
1557303	5/10/2023 4:44	5/10/2023 10:00	315	0
1093833	5/10/2023 4:46	5/10/2023 10:00	313	0
1395587	5/10/2023 4:50	5/10/2023 10:00	309	0
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314564	5/10/2023 4:53	5/10/2023 10:00	306	0
51483	5/10/2023 4:57	5/10/2023 10:00	302	0
316630	5/10/2023 4:58	5/10/2023 10:00	301	0
315604	5/10/2023 5:13	5/10/2023 10:00	286	0
1518502	5/10/2023 5:18	5/10/2023 10:00	281	0
1408176	5/10/2023 8:51	5/10/2023 10:00	68	0
313011	5/10/2023 10:00	5/11/2023 0:28	868	0
1508563	5/10/2023 10:00	5/11/2023 10:00	1439	0.01
324045	5/10/2023 10:00	5/10/2023 11:29	89	0
1498925	5/10/2023 10:00	5/11/2023 10:00	1439	0.01
316630	5/10/2023 10:00	5/10/2023 12:35	155	0.17
1299402	5/10/2023 10:00	5/10/2023 14:48	288	0
1538577	5/10/2023 10:00	5/10/2023 12:39	159	0
1539391	5/10/2023 10:00	5/11/2023 1:47	947	0.08

345647	5/10/2023 10:00	5/11/2023 10:00	1439	0
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1190820	5/10/2023 10:00	5/10/2023 11:18	78	0
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1431752	5/10/2023 10:00	5/11/2023 10:00	1439	0
1557676	5/10/2023 10:00	5/10/2023 23:37	817	0.05
8104722	5/10/2023 10:00	5/11/2023 10:00	1439	0
1417279	5/10/2023 10:00	5/11/2023 2:52	1012	0.21
1320619	5/10/2023 10:00	5/11/2023 10:00	1439	0
1557303	5/10/2023 10:00	5/11/2023 10:00	1439	0.01
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315346	5/10/2023 10:00	5/11/2023 10:00	1439	0
313954	5/10/2023 10:00	5/10/2023 14:00	240	0.58
8068454	5/10/2023 10:00	5/10/2023 12:34	154	0
561757	5/10/2023 10:00	5/11/2023 10:00	1439	0
1309133	5/10/2023 10:00	5/11/2023 10:00	1439	1.55
6168330	5/10/2023 10:00	5/11/2023 10:00	1439	0
6623421	5/10/2023 10:00	5/11/2023 10:00	1439	0
314564	5/10/2023 10:00	5/10/2023 12:26	146	0
1511532	5/10/2023 10:00	5/10/2023 15:53	353	0
705447	5/10/2023 10:00	5/11/2023 10:00	1439	0
2032900	5/10/2023 10:00	5/10/2023 14:59	299	0
1556486	5/10/2023 10:00	5/10/2023 14:57	297	0
313731	5/10/2023 10:00	5/10/2023 14:13	253	0.19
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51483	5/10/2023 10:00	5/10/2023 12:43	163	0
315752	5/10/2023 10:00	5/11/2023 10:00	1439	0
7533405	5/10/2023 10:00	5/11/2023 1:36	936	1
264186	5/10/2023 10:00	5/11/2023 10:00	1439	0
1518502	5/10/2023 10:00	5/11/2023 2:22	982	0
1408176	5/10/2023 10:00	5/11/2023 10:00	1439	0
1525793	5/10/2023 10:00	5/10/2023 14:10	250	0
1356945	5/10/2023 10:00	5/11/2023 1:27	927	0
507365	5/10/2023 10:00	5/11/2023 10:00	1439	0
315604	5/10/2023 10:00	5/10/2023 12:51	171	0
1390184	5/10/2023 10:00	5/11/2023 10:00	1439	0
1309098	5/10/2023 10:00	5/10/2023 11:22	82	0.48
564357	5/10/2023 10:00	5/11/2023 10:00	1439	0
1432509	5/10/2023 10:00	5/11/2023 2:43	1003	0
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46184	5/10/2023 10:00	5/11/2023 10:00	1439	0
1415622	5/10/2023 10:00	5/10/2023 12:03	123	0.13
1195990	5/10/2023 10:00	5/11/2023 10:00	1439	0
346288	5/10/2023 10:00	5/11/2023 10:00	1439	0
1395587	5/10/2023 10:00	5/11/2023 10:00	1439	0
859747	5/10/2023 10:00	5/11/2023 10:00	1439	0

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1190820	5/10/2023 11:18	5/10/2023 11:36	18	0
1309098	5/10/2023 11:22	5/10/2023 11:41	19	0.14
324045	5/10/2023 11:29	5/11/2023 1:28	839	0
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1190820	5/10/2023 11:36	5/10/2023 12:18	42	0
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265473	5/10/2023 12:03	5/11/2023 0:02	719	0
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314564	5/10/2023 12:26	5/11/2023 2:05	819	0
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298043	5/10/2023 12:29	5/10/2023 21:11	522	0
8148103	5/10/2023 12:33	5/11/2023 0:28	715	0.14
8068454	5/10/2023 12:34	5/11/2023 2:01	807	0
316630	5/10/2023 12:35	5/11/2023 2:13	818	1.13
9060925	5/10/2023 12:36	5/11/2023 10:00	1283	0
1538577	5/10/2023 12:39	5/11/2023 2:00	801	0
51483	5/10/2023 12:43	5/11/2023 2:06	803	0.14
1518507	5/10/2023 12:50	5/10/2023 13:09	19	0.03
315604	5/10/2023 12:51	5/11/2023 2:10	799	0
1466638	5/10/2023 12:57	5/11/2023 2:01	784	0
1518507	5/10/2023 13:09	5/10/2023 14:50	101	0.14
8766703	5/10/2023 13:28	5/10/2023 21:08	460	0
1363415	5/10/2023 13:54	5/11/2023 0:28	634	0.07
1464949	5/10/2023 13:56	5/11/2023 0:28	632	0
1564723	5/10/2023 13:59	5/10/2023 21:03	424	0
313954	5/10/2023 14:00	5/10/2023 14:19	19	0
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1525793	5/10/2023 14:10	5/10/2023 14:23	13	0
313731	5/10/2023 14:13	5/10/2023 14:19	6	0
298846	5/10/2023 14:17	5/11/2023 0:28	611	0.47
313731	5/10/2023 14:19	5/10/2023 19:33	314	0
313954	5/10/2023 14:19	5/10/2023 15:20	61	0
1525793	5/10/2023 14:23	5/10/2023 15:10	47	0
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1511251	5/10/2023 14:30	5/11/2023 0:28	598	0
572990	5/10/2023 14:41	5/11/2023 10:00	1158	0
1299402	5/10/2023 14:48	5/10/2023 14:59	11	0
1518507	5/10/2023 14:50	5/11/2023 0:28	578	0.01

1556486	5/10/2023 14:57	5/10/2023 15:15	18	0
1387226	5/10/2023 14:58	5/11/2023 0:28	570	0
801004	5/10/2023 14:58	5/10/2023 15:06	8	0
2032900	5/10/2023 14:59	5/10/2023 15:04	5	0
1299402	5/10/2023 14:59	5/10/2023 16:48	109	0
2032900	5/10/2023 15:04	5/10/2023 15:59	55	0
801004	5/10/2023 15:06	5/10/2023 17:58	172	0
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1343695	5/10/2023 15:42	5/11/2023 10:00	1097	0
1511532	5/10/2023 15:53	5/11/2023 0:28	515	0
2032900	5/10/2023 15:59	5/10/2023 20:58	299	0
1556486	5/10/2023 16:17	5/11/2023 0:28	491	0
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801004	5/10/2023 17:58	5/10/2023 21:02	184	0
558031	5/10/2023 18:02	5/11/2023 10:00	957	0
1434359	5/10/2023 18:39	5/10/2023 23:28	289	0
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1394543	5/10/2023 20:27	5/11/2023 10:00	812	0
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1299402	5/10/2023 20:46	5/11/2023 10:00	793	0
1343091	5/10/2023 20:51	5/11/2023 2:51	360	0
2032900	5/10/2023 20:58	5/11/2023 10:00	781	0
801004	5/10/2023 21:02	5/11/2023 0:28	206	0
1564723	5/10/2023 21:03	5/11/2023 10:00	776	0
8766703	5/10/2023 21:08	5/11/2023 10:00	771	0
298043	5/10/2023 21:11	5/11/2023 0:28	197	0
1190820	5/10/2023 23:07	5/11/2023 10:00	652	0
1495378	5/10/2023 23:13	5/11/2023 10:00	646	0
1309098	5/10/2023 23:26	5/11/2023 0:28	62	0
1434359	5/10/2023 23:28	5/11/2023 0:28	60	0
1557676	5/10/2023 23:37	5/11/2023 0:28	51	0
265473	5/11/2023 0:02	5/11/2023 0:28	26	0
8387677	5/11/2023 0:28	5/11/2023 10:00	571	0
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265473	5/11/2023 0:28	5/11/2023 1:02	34	0

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298043	5/11/2023 0:28	5/11/2023 0:51	23	0
8148103	5/11/2023 0:28	5/11/2023 10:00	571	0
1363415	5/11/2023 0:28	5/11/2023 10:00	571	0
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1415622	5/11/2023 0:28	5/11/2023 10:00	571	0
1387226	5/11/2023 0:28	5/11/2023 10:00	571	0
313011	5/11/2023 0:28	5/11/2023 10:00	571	0
298846	5/11/2023 0:28	5/11/2023 8:39	491	0
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1511532	5/11/2023 0:28	5/11/2023 10:00	571	0
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564518	5/11/2023 3:47	5/11/2023 10:00	372	0
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324290	5/11/2023 8:34	5/11/2023 10:00	85	0
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298846	5/11/2023 8:39	5/11/2023 8:50	11	0
298846	5/11/2023 8:50	5/11/2023 10:00	69	0

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444600	5/11/2023 10:00	5/12/2023 10:00	1439	0
705447	5/11/2023 10:00	5/12/2023 10:00	1439	0
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1343091	5/11/2023 10:00	5/12/2023 10:00	1439	0
314564	5/11/2023 10:00	5/12/2023 1:58	958	0
1466638	5/11/2023 10:00	5/12/2023 10:00	1439	0
8387677	5/11/2023 10:00	5/11/2023 14:10	250	0
265473	5/11/2023 10:00	5/11/2023 11:57	117	0
266906	5/11/2023 10:00	5/12/2023 0:28	868	0
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1387226	5/11/2023 10:00	5/12/2023 10:00	1439	0
1417279	5/11/2023 10:00	5/12/2023 0:28	868	0
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1432509	5/11/2023 10:00	5/12/2023 2:38	998	0
8148103	5/11/2023 10:00	5/12/2023 10:00	1439	0.83
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264186	5/11/2023 10:00	5/12/2023 10:00	1439	0
1557676	5/11/2023 10:00	5/11/2023 11:12	72	0
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1508563	5/11/2023 10:00	5/11/2023 14:33	273	0
1415622	5/11/2023 10:00	5/12/2023 10:00	1439	0
313731	5/11/2023 10:00	5/12/2023 1:53	953	0
324290	5/11/2023 10:00	5/12/2023 10:00	1439	0
1356945	5/11/2023 10:00	5/12/2023 1:31	931	0
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313011	5/11/2023 10:00	5/11/2023 14:18	258	0
558031	5/11/2023 10:00	5/12/2023 10:00	1439	0.04
325050	5/11/2023 10:00	5/11/2023 11:09	69	0
1190820	5/11/2023 10:00	5/11/2023 11:21	81	0
51483	5/11/2023 10:00	5/12/2023 2:00	960	0.15
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8766703	5/11/2023 10:00	5/12/2023 10:00	1439	0
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7533405	5/11/2023 10:00	5/11/2023 13:55	235	0.55
316630	5/11/2023 10:00	5/11/2023 11:24	84	0.02
298043	5/11/2023 10:00	5/12/2023 10:00	1439	0
1394442	5/11/2023 10:00	5/12/2023 10:00	1439	0
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298597	5/11/2023 10:00	5/12/2023 10:00	1439	0
1564723	5/11/2023 10:00	5/12/2023 10:00	1439	0.33
1363415	5/11/2023 10:00	5/11/2023 12:59	179	0
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801004	5/11/2023 10:00	5/12/2023 10:00	1439	0
1556486	5/11/2023 10:00	5/11/2023 15:15	315	0
325050	5/11/2023 11:09	5/11/2023 20:09	540	0
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1408176	5/11/2023 11:15	5/11/2023 21:57	642	0
1390184	5/11/2023 11:18	5/11/2023 23:36	738	0.08
1557188	5/11/2023 11:19	5/12/2023 0:58	819	0
1395587	5/11/2023 11:20	5/11/2023 21:24	604	0
1190820	5/11/2023 11:21	5/11/2023 11:37	16	0
316630	5/11/2023 11:24	5/12/2023 2:07	883	2.74
1190820	5/11/2023 11:37	5/11/2023 14:21	164	0
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315346	5/11/2023 11:45	5/12/2023 1:49	844	0
315604	5/11/2023 11:49	5/12/2023 2:12	863	0
265473	5/11/2023 11:57	5/11/2023 12:10	13	0
315345	5/11/2023 11:59	5/12/2023 0:02	723	0.22
6733217	5/11/2023 12:09	5/12/2023 0:28	739	0
265473	5/11/2023 12:10	5/11/2023 16:17	247	0
1600016	5/11/2023 12:38	5/12/2023 1:56	798	0
507365	5/11/2023 12:45	5/11/2023 21:24	519	0
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1363415	5/11/2023 12:59	5/12/2023 2:02	783	0

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7533405	5/11/2023 13:55	5/11/2023 14:08	13	0.07
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1539391	5/11/2023 14:08	5/11/2023 14:14	6	0
8387677	5/11/2023 14:10	5/12/2023 1:53	703	0
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313011	5/11/2023 14:18	5/12/2023 2:03	705	0
317126	5/11/2023 14:19	5/12/2023 2:22	723	0
1190820	5/11/2023 14:21	5/11/2023 23:19	538	0
1508563	5/11/2023 14:33	5/11/2023 14:49	16	0
1509486	5/11/2023 14:34	5/12/2023 2:32	718	0
296935	5/11/2023 14:45	5/11/2023 14:48	3	0.03
296935	5/11/2023 14:48	5/11/2023 17:25	157	0
1508563	5/11/2023 14:49	5/11/2023 15:53	64	0
1407881	5/11/2023 14:51	5/11/2023 20:49	358	0
2032900	5/11/2023 15:01	5/12/2023 3:01	720	0
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1299402	5/11/2023 15:15	5/11/2023 15:49	34	0
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1508563	5/11/2023 15:53	5/12/2023 1:57	604	0
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455629	5/11/2023 16:44	5/12/2023 1:34	530	0
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8511623	5/11/2023 18:26	5/12/2023 10:00	933	0
1539391	5/11/2023 20:05	5/12/2023 0:28	263	0
325050	5/11/2023 20:09	5/12/2023 0:28	259	0
296935	5/11/2023 20:24	5/12/2023 0:28	244	0

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507365	5/11/2023 21:24	5/12/2023 10:00	755	0
1395587	5/11/2023 21:24	5/12/2023 0:28	184	0
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1190820	5/11/2023 23:19	5/12/2023 0:28	69	0
1390184	5/11/2023 23:36	5/12/2023 0:28	52	0
1557676	5/11/2023 23:54	5/12/2023 0:28	34	0
265473	5/11/2023 23:56	5/12/2023 0:28	32	0
315345	5/12/2023 0:02	5/12/2023 0:28	26	0
315345	5/12/2023 0:28	5/12/2023 2:02	94	0
1390184	5/12/2023 0:28	5/12/2023 3:16	168	0
265473	5/12/2023 0:28	5/12/2023 3:16	168	0
6733217	5/12/2023 0:28	5/12/2023 10:00	571	0
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1395587	5/12/2023 0:28	5/12/2023 2:50	142	0
325050	5/12/2023 0:28	5/12/2023 2:09	101	0
549596	5/12/2023 0:28	5/12/2023 10:00	571	0
1190820	5/12/2023 0:28	5/12/2023 3:19	171	0
296935	5/12/2023 0:28	5/12/2023 2:44	136	0
1539391	5/12/2023 0:28	5/12/2023 2:05	97	0
266906	5/12/2023 0:28	5/12/2023 10:00	571	0
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1557188	5/12/2023 1:17	5/12/2023 3:18	121	0
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1356945	5/12/2023 1:31	5/12/2023 1:39	8	0
455629	5/12/2023 1:34	5/12/2023 1:48	14	0
1356945	5/12/2023 1:39	5/12/2023 3:11	92	0
228867	5/12/2023 1:42	5/12/2023 10:00	497	0
324045	5/12/2023 1:43	5/12/2023 1:55	12	0
455629	5/12/2023 1:48	5/12/2023 3:14	86	0
315346	5/12/2023 1:49	5/12/2023 1:55	6	0
8387677	5/12/2023 1:53	5/12/2023 10:00	486	0
313731	5/12/2023 1:53	5/12/2023 10:00	486	0
7533405	5/12/2023 1:54	5/12/2023 10:00	485	0
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315346	5/12/2023 1:55	5/12/2023 2:09	14	0
1600016	5/12/2023 1:56	5/12/2023 10:00	483	0
313954	5/12/2023 1:57	5/12/2023 10:00	482	0
1508563	5/12/2023 1:57	5/12/2023 10:00	482	0
314564	5/12/2023 1:58	5/12/2023 10:00	481	0
1511532	5/12/2023 1:58	5/12/2023 10:00	481	0
51483	5/12/2023 2:00	5/12/2023 10:00	479	0
1363415	5/12/2023 2:02	5/12/2023 2:16	14	0
1538577	5/12/2023 2:02	5/12/2023 2:10	8	0

315345	5/12/2023 2:02	5/12/2023 9:39	457	0
324045	5/12/2023 2:03	5/12/2023 10:00	476	0
313011	5/12/2023 2:03	5/12/2023 10:00	476	0
1464949	5/12/2023 2:03	5/12/2023 10:00	476	0
1539391	5/12/2023 2:05	5/12/2023 2:14	9	0
316630	5/12/2023 2:07	5/12/2023 10:00	472	0
325050	5/12/2023 2:09	5/12/2023 10:00	470	0
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317126	5/12/2023 2:22	5/12/2023 2:37	15	0
457729	5/12/2023 2:23	5/12/2023 3:48	85	0
288804	5/12/2023 2:27	5/12/2023 2:46	19	0
1509486	5/12/2023 2:32	5/12/2023 2:49	17	0
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317126	5/12/2023 2:37	5/12/2023 3:22	45	0
1432509	5/12/2023 2:38	5/12/2023 2:53	15	0
1557303	5/12/2023 2:39	5/12/2023 4:14	95	0
296935	5/12/2023 2:44	5/12/2023 2:49	5	0
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288804	5/12/2023 3:07	5/12/2023 10:00	412	0

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1363415	5/12/2023 3:22	5/12/2023 10:00	397	0
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7533405	5/12/2023 10:00	5/12/2023 11:31	91	0.02
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8511623	5/12/2023 10:00	5/13/2023 10:00	1439	0

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507365	5/12/2023 10:00	5/12/2023 14:03	243	0
1508563	5/12/2023 10:00	5/12/2023 15:04	304	0.27
324045	5/12/2023 10:00	5/13/2023 0:28	868	0
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265473	5/12/2023 10:00	5/13/2023 10:00	1439	0
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1390184	5/12/2023 10:00	5/13/2023 10:00	1439	0
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564357	5/12/2023 10:00	5/13/2023 10:00	1439	0
1557188	5/12/2023 10:00	5/13/2023 0:36	876	0
1557303	5/12/2023 10:00	5/13/2023 0:28	868	0.02
637185	5/12/2023 10:00	5/13/2023 10:00	1439	0
8387677	5/12/2023 10:00	5/13/2023 0:28	868	0
1573666	5/12/2023 10:00	5/13/2023 10:00	1439	0
1509486	5/12/2023 10:00	5/13/2023 10:00	1439	0.03
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313011	5/12/2023 10:00	5/13/2023 10:00	1439	0
6623421	5/12/2023 10:00	5/12/2023 11:30	90	0
121748	5/12/2023 10:00	5/13/2023 0:28	868	0
569420	5/12/2023 10:00	5/13/2023 10:00	1439	0
1432509	5/12/2023 10:00	5/12/2023 18:40	520	0
1407881	5/12/2023 10:00	5/12/2023 11:30	90	0
1417279	5/12/2023 10:00	5/12/2023 11:28	88	0
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457729	5/12/2023 10:00	5/13/2023 10:00	1439	0
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1363415	5/12/2023 10:00	5/13/2023 10:00	1439	0
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1466638	5/12/2023 11:29	5/13/2023 0:28	779	0
1309098	5/12/2023 11:29	5/12/2023 22:10	641	0.2
266906	5/12/2023 11:29	5/13/2023 0:28	779	0.02

6623421	5/12/2023 11:30	5/13/2023 0:28	778	0.01
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1431752	5/12/2023 11:31	5/13/2023 0:28	777	0
7533405	5/12/2023 11:31	5/13/2023 0:28	777	0.27
903630	5/12/2023 11:39	5/12/2023 14:19	160	0
323657	5/12/2023 13:56	5/13/2023 1:16	680	0.12
507365	5/12/2023 14:03	5/12/2023 21:45	462	0
51483	5/12/2023 14:16	5/12/2023 14:33	17	0
903630	5/12/2023 14:19	5/12/2023 14:28	9	0
325050	5/12/2023 14:20	5/12/2023 14:29	9	0
1525793	5/12/2023 14:28	5/13/2023 1:41	673	0
903630	5/12/2023 14:28	5/12/2023 19:01	273	0
325050	5/12/2023 14:29	5/12/2023 17:20	171	0
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1518502	5/12/2023 14:50	5/13/2023 1:55	665	0
288804	5/12/2023 14:50	5/13/2023 10:00	1149	0
1508563	5/12/2023 15:04	5/12/2023 20:56	352	0
1321605	5/12/2023 15:21	5/13/2023 0:28	547	0
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323747	5/12/2023 17:33	5/13/2023 0:28	415	0
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1432509	5/12/2023 18:40	5/13/2023 0:28	348	0
1599629	5/12/2023 19:01	5/13/2023 2:48	467	0
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324290	5/12/2023 19:01	5/13/2023 1:35	394	0
1394442	5/12/2023 19:01	5/13/2023 1:51	410	0
51483	5/12/2023 19:01	5/13/2023 1:33	392	0
903630	5/12/2023 19:01	5/13/2023 0:28	327	0
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1417279	5/12/2023 20:55	5/13/2023 10:00	784	0
1508563	5/12/2023 20:56	5/13/2023 10:00	783	0
2032900	5/12/2023 21:26	5/13/2023 10:00	753	0
1498925	5/12/2023 21:42	5/13/2023 10:00	737	0
507365	5/12/2023 21:45	5/13/2023 10:00	734	0
1393633	5/12/2023 22:10	5/13/2023 10:00	709	0
1309098	5/12/2023 22:10	5/13/2023 10:00	709	0
1321605	5/13/2023 0:28	5/13/2023 10:00	571	0
6623421	5/13/2023 0:28	5/13/2023 10:00	571	0
313731	5/13/2023 0:28	5/13/2023 10:00	571	0
8068454	5/13/2023 0:28	5/13/2023 10:00	571	0
7533405	5/13/2023 0:28	5/13/2023 10:00	571	0
121748	5/13/2023 0:28	5/13/2023 10:00	571	0
903630	5/13/2023 0:28	5/13/2023 10:00	571	0

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325050	5/13/2023 0:28	5/13/2023 10:00	571	0
316997	5/13/2023 0:28	5/13/2023 10:00	571	0
323747	5/13/2023 0:28	5/13/2023 10:00	571	0
1557303	5/13/2023 0:28	5/13/2023 10:00	571	0
324045	5/13/2023 0:28	5/13/2023 10:00	571	0
1431752	5/13/2023 0:28	5/13/2023 10:00	571	0
1432509	5/13/2023 0:28	5/13/2023 10:00	571	0
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266906	5/13/2023 0:28	5/13/2023 10:00	571	0
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323657	5/13/2023 1:16	5/13/2023 1:33	17	0
323657	5/13/2023 1:33	5/13/2023 3:06	93	0
51483	5/13/2023 1:33	5/13/2023 1:48	15	0
324290	5/13/2023 1:35	5/13/2023 1:49	14	0
1525793	5/13/2023 1:41	5/13/2023 1:53	12	0
51483	5/13/2023 1:48	5/13/2023 5:53	245	0
324290	5/13/2023 1:49	5/13/2023 4:09	140	0
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1556486	5/13/2023 2:15	5/13/2023 2:33	18	0
1556486	5/13/2023 2:33	5/13/2023 5:55	202	0
1599629	5/13/2023 2:48	5/13/2023 10:00	431	0
323657	5/13/2023 3:06	5/13/2023 10:00	413	0
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324290	5/13/2023 4:09	5/13/2023 10:00	350	0
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1525793	5/13/2023 5:41	5/13/2023 10:00	258	0
1394442	5/13/2023 5:51	5/13/2023 10:00	248	0
1511251	5/13/2023 5:52	5/13/2023 10:00	247	0
51483	5/13/2023 5:53	5/13/2023 10:00	246	0
1556486	5/13/2023 5:55	5/13/2023 10:00	244	0
1557188	5/13/2023 5:56	5/13/2023 10:00	243	0
1508563	5/13/2023 10:00	5/14/2023 10:00	1439	0
323657	5/13/2023 10:00	5/14/2023 10:00	1439	0
8068454	5/13/2023 10:00	5/13/2023 11:38	98	0
51483	5/13/2023 10:00	5/13/2023 16:06	366	0
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323747	5/13/2023 10:00	5/13/2023 13:32	212	0

1321605	5/13/2023 10:00	5/13/2023 13:31	211	0
121748	5/13/2023 10:00	5/14/2023 10:00	1439	0
1363415	5/13/2023 10:00	5/13/2023 13:17	197	0
1407881	5/13/2023 10:00	5/14/2023 10:00	1439	0
1309098	5/13/2023 10:00	5/13/2023 11:22	82	0
564357	5/13/2023 10:00	5/14/2023 10:00	1439	0
1557303	5/13/2023 10:00	5/14/2023 10:00	1439	0
1415622	5/13/2023 10:00	5/14/2023 10:00	1439	0
1466638	5/13/2023 10:00	5/13/2023 11:50	110	0
324045	5/13/2023 10:00	5/13/2023 11:31	91	0
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1417279	5/13/2023 10:00	5/14/2023 10:00	1439	0
1498925	5/13/2023 10:00	5/14/2023 10:00	1439	0
1556486	5/13/2023 10:00	5/14/2023 10:00	1439	0
1431752	5/13/2023 10:00	5/14/2023 10:00	1439	0
1432509	5/13/2023 10:00	5/13/2023 11:37	97	0
903630	5/13/2023 10:00	5/14/2023 10:00	1439	0
324290	5/13/2023 10:00	5/14/2023 10:00	1439	0
705447	5/13/2023 10:00	5/14/2023 10:00	1439	0
264186	5/13/2023 10:00	5/14/2023 10:00	1439	0
1511532	5/13/2023 10:00	5/14/2023 10:00	1439	0
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325050	5/13/2023 10:00	5/13/2023 13:25	205	0
1511251	5/13/2023 10:00	5/14/2023 10:00	1439	0
1599629	5/13/2023 10:00	5/14/2023 10:00	1439	0
637185	5/13/2023 10:00	5/14/2023 10:00	1439	0
1557188	5/13/2023 10:00	5/14/2023 10:00	1439	0
316997	5/13/2023 10:00	5/14/2023 10:00	1439	0
1309133	5/13/2023 10:00	5/14/2023 10:00	1439	0
558031	5/13/2023 10:00	5/14/2023 10:00	1439	0
1394442	5/13/2023 10:00	5/14/2023 10:00	1439	0
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46184	5/13/2023 10:00	5/14/2023 10:00	1439	0
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1518502	5/13/2023 10:00	5/14/2023 10:00	1439	0
8387677	5/13/2023 10:00	5/14/2023 10:00	1439	0
507365	5/13/2023 10:00	5/13/2023 14:17	257	0
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1394543	5/13/2023 10:00	5/14/2023 10:00	1439	0
7533405	5/13/2023 10:00	5/13/2023 13:07	187	0
6623421	5/13/2023 10:00	5/14/2023 10:00	1439	0
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1309098	5/13/2023 11:22	5/13/2023 11:39	17	0
1190820	5/13/2023 11:26	5/13/2023 21:06	580	0
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8668965	5/14/2023 2:09	5/14/2023 3:07	58	0
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455629	5/14/2023 9:38	5/14/2023 10:00	21	0
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1332906	5/14/2023 10:00	5/15/2023 10:00	1439	0
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2032900	5/14/2023 10:00	5/15/2023 10:00	1439	0
325050	5/14/2023 10:00	5/15/2023 10:00	1439	0
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705447	5/14/2023 10:00	5/15/2023 10:00	1439	0
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790670	5/14/2023 10:00	5/15/2023 10:00	1439	0
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1362130	5/14/2023 10:00	5/15/2023 10:00	1439	0
396857	5/14/2023 10:00	5/15/2023 10:00	1439	0
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324290	5/14/2023 10:00	5/15/2023 10:00	1439	0
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7533405	5/14/2023 10:00	5/15/2023 10:00	1439	0
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500173	5/14/2023 10:00	5/15/2023 10:00	1439	0
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1362855	5/14/2023 10:00	5/15/2023 10:00	1439	0
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1321605	5/14/2023 10:00	5/15/2023 10:00	1439	0
1393633	5/14/2023 10:00	5/15/2023 10:00	1439	0
1393633	5/15/2023 10:00	5/16/2023 10:00	1439	0
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1525793	5/15/2023 10:00	5/16/2023 10:00	1439	0
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1093833	5/15/2023 10:00	5/15/2023 15:31	331	0.1

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1466638	5/15/2023 10:00	5/16/2023 10:00	1439	0
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1309098	5/15/2023 10:00	5/15/2023 14:22	262	0.46
8621797	5/15/2023 10:00	5/16/2023 10:00	1439	0
1527339	5/15/2023 10:00	5/16/2023 10:00	1439	0
396857	5/15/2023 10:00	5/15/2023 15:30	330	0
324045	5/15/2023 10:00	5/15/2023 15:28	328	0
46184	5/15/2023 10:00	5/16/2023 10:00	1439	0
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637185	5/15/2023 10:00	5/16/2023 10:00	1439	0
793690	5/15/2023 10:00	5/15/2023 15:28	328	0.02
7533405	5/15/2023 10:00	5/15/2023 15:28	328	0.02
1619720	5/15/2023 10:00	5/16/2023 10:00	1439	0
264186	5/15/2023 10:00	5/16/2023 10:00	1439	0
325050	5/15/2023 10:00	5/15/2023 15:28	328	0
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705447	5/15/2023 10:00	5/16/2023 10:00	1439	0
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1599629	5/15/2023 10:00	5/16/2023 10:00	1439	0
1404368	5/15/2023 10:00	5/16/2023 10:00	1439	0
2032900	5/15/2023 10:00	5/15/2023 14:02	242	0
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1449371	5/15/2023 10:00	5/16/2023 10:00	1439	0
315346	5/15/2023 10:00	5/15/2023 14:02	242	0
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1350598	5/15/2023 10:00	5/15/2023 15:46	346	0
569420	5/15/2023 10:00	5/16/2023 10:00	1439	0
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571420	5/15/2023 10:00	5/16/2023 10:00	1439	0
315345	5/15/2023 10:00	5/15/2023 14:03	243	0
1363415	5/15/2023 10:00	5/16/2023 10:00	1439	0.02
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8068454	5/15/2023 10:00	5/15/2023 16:22	382	0
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1417279	5/15/2023 13:42	5/15/2023 22:38	536	0.31
8668965	5/15/2023 13:42	5/15/2023 13:48	6	0
8590289	5/15/2023 13:42	5/15/2023 22:42	540	0
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1299402	5/15/2023 13:42	5/16/2023 10:00	1217	0.02
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8668965	5/15/2023 13:48	5/15/2023 15:28	100	0.11
1343091	5/15/2023 13:51	5/15/2023 22:57	546	0
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507365	5/15/2023 14:02	5/15/2023 14:13	11	0
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315346	5/15/2023 14:02	5/16/2023 0:59	657	0
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790670	5/15/2023 14:02	5/15/2023 14:15	13	0
315345	5/15/2023 14:03	5/15/2023 23:03	540	0
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1309098	5/15/2023 14:22	5/15/2023 14:38	16	0.05
1408176	5/15/2023 14:26	5/15/2023 14:41	15	0
1624452	5/15/2023 14:28	5/15/2023 22:19	471	0
121748	5/15/2023 14:28	5/15/2023 22:02	454	0.02
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1190820	5/15/2023 14:35	5/15/2023 15:32	57	0

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793690	5/15/2023 15:28	5/16/2023 0:28	540	0
1332906	5/15/2023 15:28	5/15/2023 23:12	464	0
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1702895	5/15/2023 15:29	5/15/2023 22:44	435	0
1362855	5/15/2023 15:29	5/15/2023 22:58	449	0
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1309098	5/15/2023 15:29	5/15/2023 23:13	464	0
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496500	5/15/2023 15:45	5/15/2023 18:42	177	0
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324290	5/15/2023 15:46	5/15/2023 22:20	394	0
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315604	5/15/2023 16:28	5/15/2023 19:28	180	0
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1508563	5/15/2023 16:42	5/15/2023 22:39	357	0
507365	5/15/2023 16:53	5/15/2023 23:00	367	0
1498925	5/15/2023 16:58	5/15/2023 17:13	15	0
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790670	5/15/2023 17:02	5/15/2023 17:15	13	0
1498925	5/15/2023 17:13	5/15/2023 19:58	165	0
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1447648	5/15/2023 17:18	5/15/2023 20:15	177	0
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315306	5/15/2023 18:01	5/15/2023 21:02	181	0
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496500	5/15/2023 18:46	5/15/2023 21:22	156	0
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1498925	5/15/2023 19:58	5/15/2023 20:15	17	0
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265473	5/15/2023 20:58	5/15/2023 22:59	121	0
319726	5/15/2023 21:02	5/15/2023 23:56	174	0
315306	5/15/2023 21:02	5/16/2023 0:28	206	0
1447648	5/15/2023 21:15	5/15/2023 23:05	110	0
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926505	5/15/2023 21:22	5/16/2023 10:00	757	0
315604	5/15/2023 21:22	5/15/2023 21:28	6	0
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315604	5/15/2023 21:28	5/15/2023 22:19	51	0
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325050	5/15/2023 22:19	5/16/2023 10:00	700	0
51483	5/15/2023 22:19	5/16/2023 0:28	129	0
315604	5/15/2023 22:19	5/16/2023 0:28	129	0
1624452	5/15/2023 22:19	5/16/2023 10:00	700	0
8148103	5/15/2023 22:19	5/16/2023 0:28	129	0
324290	5/15/2023 22:20	5/16/2023 10:00	699	0
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8387677	5/15/2023 22:25	5/16/2023 10:00	694	0
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313011	5/15/2023 22:29	5/16/2023 0:28	119	0
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1417279	5/15/2023 22:38	5/16/2023 10:00	681	0
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1508563	5/15/2023 22:39	5/16/2023 0:28	109	0
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8590289	5/15/2023 22:42	5/16/2023 10:00	677	0
1702895	5/15/2023 22:44	5/16/2023 10:00	675	0
8668965	5/15/2023 22:44	5/16/2023 10:00	675	0
859747	5/15/2023 22:45	5/16/2023 10:00	674	0
1350598	5/15/2023 22:50	5/16/2023 10:00	669	0
561757	5/15/2023 22:54	5/16/2023 10:00	665	0
396857	5/15/2023 22:55	5/16/2023 10:00	664	0
2032900	5/15/2023 22:56	5/16/2023 10:00	663	0
1321605	5/15/2023 22:56	5/16/2023 10:00	663	0
1343091	5/15/2023 22:57	5/16/2023 10:00	662	0
1362855	5/15/2023 22:58	5/16/2023 10:00	661	0
1557676	5/15/2023 22:58	5/16/2023 10:00	661	0
587455	5/15/2023 22:59	5/16/2023 10:00	660	0
265473	5/15/2023 22:59	5/16/2023 10:00	660	0
1362130	5/15/2023 22:59	5/16/2023 10:00	660	0
507365	5/15/2023 23:00	5/16/2023 0:28	88	0
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1498925	5/15/2023 23:00	5/16/2023 0:28	88	0
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1557188	5/15/2023 23:01	5/16/2023 10:00	658	0
298043	5/15/2023 23:01	5/16/2023 0:28	87	0
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790670	5/15/2023 23:02	5/16/2023 0:28	86	0
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1390184	5/15/2023 23:03	5/16/2023 10:00	656	0
315345	5/15/2023 23:03	5/16/2023 10:00	656	0.33
1556486	5/15/2023 23:04	5/16/2023 10:00	655	0
791510	5/15/2023 23:04	5/16/2023 10:00	655	0
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1309098	5/15/2023 23:13	5/16/2023 10:00	646	0
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298846	5/16/2023 0:28	5/16/2023 1:39	71	0
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506261	5/16/2023 0:28	5/16/2023 10:00	571	0
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298043	5/16/2023 0:28	5/16/2023 2:01	93	0
313011	5/16/2023 0:28	5/16/2023 1:29	61	0
1557303	5/16/2023 0:28	5/16/2023 1:20	52	0
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324045	5/16/2023 0:28	5/16/2023 10:00	571	0
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790670	5/16/2023 0:28	5/16/2023 2:02	94	0

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315306	5/16/2023 0:28	5/16/2023 10:00	571	0
346288	5/16/2023 0:28	5/16/2023 0:45	17	0
507365	5/16/2023 0:28	5/16/2023 2:00	92	0
455629	5/16/2023 0:28	5/16/2023 10:00	571	0
793690	5/16/2023 0:28	5/16/2023 10:00	571	0
51483	5/16/2023 0:28	5/16/2023 0:58	30	0
1355611	5/16/2023 0:28	5/16/2023 10:00	571	0
1407947	5/16/2023 0:28	5/16/2023 10:00	571	0
315088	5/16/2023 0:28	5/16/2023 1:20	52	0
7533405	5/16/2023 0:28	5/16/2023 10:00	571	0
496500	5/16/2023 0:33	5/16/2023 0:47	14	0
6761269	5/16/2023 0:39	5/16/2023 0:52	13	0
346288	5/16/2023 0:45	5/16/2023 10:00	554	0
496500	5/16/2023 0:47	5/16/2023 3:33	166	0
316997	5/16/2023 0:50	5/16/2023 0:51	1	0
316997	5/16/2023 0:51	5/16/2023 3:50	179	0
345647	5/16/2023 0:51	5/16/2023 10:00	548	0
860281	5/16/2023 0:51	5/16/2023 9:53	542	0
6761269	5/16/2023 0:52	5/16/2023 0:59	7	0
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1356945	5/16/2023 0:57	5/16/2023 3:54	177	0
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315346	5/16/2023 0:59	5/16/2023 10:00	540	0
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6761269	5/16/2023 0:59	5/16/2023 10:00	540	0
1538577	5/16/2023 1:00	5/16/2023 1:18	18	0
49209	5/16/2023 1:04	5/16/2023 1:09	5	0
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8068454	5/16/2023 1:25	5/16/2023 4:09	164	0
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316630	5/16/2023 1:29	5/16/2023 1:35	6	0
315604	5/16/2023 1:33	5/16/2023 4:19	166	0
313011	5/16/2023 1:35	5/16/2023 4:29	174	0
316630	5/16/2023 1:35	5/16/2023 4:29	174	0
315088	5/16/2023 1:36	5/16/2023 4:20	164	0
1557303	5/16/2023 1:38	5/16/2023 4:40	182	0
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298846	5/16/2023 1:39	5/16/2023 1:43	4	0
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1498925	5/16/2023 2:00	5/16/2023 2:17	17	0
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790670	5/16/2023 2:02	5/16/2023 2:20	18	0
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1447648	5/16/2023 2:22	5/16/2023 4:45	143	0
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316997	5/16/2023 3:50	5/16/2023 3:53	3	0
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8068454	5/16/2023 4:09	5/16/2023 4:28	19	0
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315604	5/16/2023 4:19	5/16/2023 4:37	18	0
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790670	5/16/2023 4:22	5/16/2023 10:00	337	0
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457729	5/16/2023 4:29	5/16/2023 4:30	1	0
313011	5/16/2023 4:29	5/16/2023 4:38	9	0
316630	5/16/2023 4:29	5/16/2023 4:38	9	0
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313011	5/16/2023 4:38	5/16/2023 4:49	11	0
316630	5/16/2023 4:38	5/16/2023 4:49	11	0
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313011	5/16/2023 4:49	5/16/2023 10:00	310	0
8068454	5/16/2023 4:49	5/16/2023 10:00	310	0
1508563	5/16/2023 4:49	5/16/2023 4:59	10	0
316630	5/16/2023 4:49	5/16/2023 10:00	310	0
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1356945	5/16/2023 4:54	5/16/2023 10:00	305	0
315604	5/16/2023 4:59	5/16/2023 10:00	300	0

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860281	5/16/2023 9:53	5/16/2023 10:00	6	0
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656628	5/16/2023 10:00	5/16/2023 11:08	68	0
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1356945	5/16/2023 10:00	5/17/2023 0:28	868	0
46184	5/16/2023 10:00	5/17/2023 10:00	1439	0
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1309098	5/16/2023 10:00	5/16/2023 14:21	261	2.31
1432509	5/16/2023 10:00	5/16/2023 14:56	296	0
587455	5/16/2023 10:00	5/17/2023 10:00	1439	0
860281	5/16/2023 10:00	5/17/2023 10:00	1439	0
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1347888	5/16/2023 10:00	5/17/2023 10:00	1439	0
346288	5/16/2023 10:00	5/16/2023 15:56	356	0.08
1511251	5/16/2023 10:00	5/17/2023 10:00	1439	0
1321605	5/16/2023 10:00	5/16/2023 14:58	298	0.63
859747	5/16/2023 10:00	5/17/2023 10:00	1439	0
791510	5/16/2023 10:00	5/16/2023 14:30	270	0.47
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1343091	5/16/2023 10:00	5/17/2023 0:28	868	0.06
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1407881	5/16/2023 10:00	5/17/2023 10:00	1439	0
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298043	5/16/2023 10:00	5/17/2023 10:00	1439	0
1447648	5/16/2023 10:00	5/16/2023 11:09	69	0
572882	5/16/2023 10:00	5/16/2023 21:23	683	0
1093833	5/16/2023 10:00	5/16/2023 14:22	262	0.4
265473	5/16/2023 10:00	5/16/2023 14:08	248	0

1702895	5/16/2023 10:00	5/17/2023 10:00	1439	0.01
8668965	5/16/2023 10:00	5/16/2023 14:25	265	0.01
1539391	5/16/2023 10:00	5/16/2023 14:35	275	0.48
1557676	5/16/2023 10:00	5/17/2023 10:00	1439	0
315306	5/16/2023 10:00	5/17/2023 10:00	1439	0.12
705447	5/16/2023 10:00	5/17/2023 10:00	1439	0
1508563	5/16/2023 10:00	5/17/2023 10:00	1439	0
1190820	5/16/2023 10:00	5/16/2023 14:23	263	0.18
315345	5/16/2023 10:00	5/17/2023 10:00	1439	0.43
2032900	5/16/2023 10:00	5/16/2023 11:01	61	0
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1390184	5/16/2023 10:00	5/17/2023 10:00	1439	0
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316997	5/16/2023 10:00	5/16/2023 12:49	169	0
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564357	5/16/2023 10:00	5/17/2023 10:00	1439	0
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8590289	5/16/2023 10:00	5/17/2023 10:00	1439	0
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1351069	5/16/2023 10:09	5/16/2023 14:29	260	0
793690	5/16/2023 10:11	5/16/2023 14:18	247	0.04
324045	5/16/2023 10:12	5/16/2023 11:34	82	0
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8104722	5/16/2023 10:31	5/17/2023 10:00	1408	0
457729	5/16/2023 10:31	5/16/2023 22:23	712	0
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345647	5/16/2023 10:34	5/16/2023 16:11	337	0
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324290	5/16/2023 10:37	5/17/2023 10:00	1402	0
314564	5/16/2023 10:38	5/16/2023 14:05	207	0
315604	5/16/2023 10:38	5/16/2023 12:33	115	0

1573666	5/16/2023 10:38	5/16/2023 14:43	245	0
315380	5/16/2023 10:38	5/16/2023 14:08	210	0.06
313011	5/16/2023 10:39	5/16/2023 12:26	107	0
316630	5/16/2023 10:39	5/17/2023 10:00	1400	0.18
8387677	5/16/2023 10:41	5/16/2023 14:17	216	0
1525793	5/16/2023 10:41	5/17/2023 10:00	1398	0
315088	5/16/2023 10:41	5/17/2023 10:00	1398	0
1557303	5/16/2023 10:43	5/16/2023 22:43	720	0
2032900	5/16/2023 11:01	5/16/2023 11:13	12	0
656628	5/16/2023 11:08	5/16/2023 11:19	11	0.08
1447648	5/16/2023 11:09	5/16/2023 11:29	20	0.1
1299402	5/16/2023 11:09	5/16/2023 12:34	85	0
2032900	5/16/2023 11:13	5/16/2023 14:41	208	0.04
656628	5/16/2023 11:19	5/16/2023 15:08	229	1.18
1498925	5/16/2023 11:20	5/16/2023 11:23	3	0
507365	5/16/2023 11:20	5/16/2023 11:24	4	0
1498925	5/16/2023 11:23	5/16/2023 12:40	77	0
507365	5/16/2023 11:24	5/16/2023 17:20	356	0
1447648	5/16/2023 11:29	5/16/2023 12:29	60	0
237941	5/16/2023 11:32	5/17/2023 10:00	1347	0
324045	5/16/2023 11:34	5/16/2023 16:13	279	0
790670	5/16/2023 12:06	5/16/2023 23:25	679	0.04
8068454	5/16/2023 12:25	5/16/2023 22:23	598	0
313011	5/16/2023 12:26	5/16/2023 22:24	598	0
1447648	5/16/2023 12:29	5/16/2023 20:09	460	0.2
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1299402	5/16/2023 12:34	5/16/2023 20:17	463	0.02
1349766	5/16/2023 12:34	5/16/2023 22:58	624	0
1498925	5/16/2023 12:40	5/16/2023 23:20	640	0
316997	5/16/2023 12:49	5/16/2023 20:27	458	0.19
266906	5/16/2023 13:02	5/17/2023 0:28	686	0.02
298597	5/16/2023 13:07	5/16/2023 22:48	581	0
314564	5/16/2023 14:05	5/16/2023 22:39	514	0
315380	5/16/2023 14:08	5/16/2023 22:27	499	0
265473	5/16/2023 14:08	5/17/2023 0:28	620	0
313954	5/16/2023 14:17	5/16/2023 22:27	490	0
1394543	5/16/2023 14:17	5/17/2023 10:00	1182	0
8387677	5/16/2023 14:17	5/16/2023 22:01	464	0
793690	5/16/2023 14:18	5/16/2023 22:01	463	0.18
1417279	5/16/2023 14:20	5/16/2023 21:59	459	0
1309098	5/16/2023 14:21	5/16/2023 14:39	18	0.09
48217	5/16/2023 14:22	5/16/2023 22:44	502	0.02
1093833	5/16/2023 14:22	5/16/2023 21:46	444	0
1518507	5/16/2023 14:23	5/16/2023 21:42	439	0
1190820	5/16/2023 14:23	5/16/2023 20:23	360	0.04
8668965	5/16/2023 14:25	5/16/2023 22:08	463	0

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1394442	5/16/2023 14:29	5/17/2023 10:00	1170	0
1351069	5/16/2023 14:29	5/16/2023 22:08	459	0
1445912	5/16/2023 14:29	5/16/2023 21:53	444	0
791510	5/16/2023 14:30	5/16/2023 21:30	420	0.19
304345	5/16/2023 14:31	5/16/2023 21:42	431	0
1431752	5/16/2023 14:33	5/16/2023 22:13	460	0
561757	5/16/2023 14:33	5/16/2023 22:12	459	0
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1309098	5/16/2023 14:39	5/16/2023 16:01	82	0
2032900	5/16/2023 14:41	5/16/2023 22:20	459	0
1573666	5/16/2023 14:43	5/16/2023 22:22	459	0
1350598	5/16/2023 14:45	5/16/2023 22:23	458	0
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1321605	5/16/2023 14:58	5/16/2023 22:34	456	0.1
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656628	5/16/2023 15:08	5/16/2023 22:52	464	0
188639	5/16/2023 15:17	5/16/2023 22:17	420	0
496500	5/16/2023 15:23	5/17/2023 0:32	549	0
1557188	5/16/2023 15:52	5/16/2023 15:55	3	0
1557188	5/16/2023 15:55	5/16/2023 21:32	337	0
346288	5/16/2023 15:56	5/16/2023 22:34	398	0
1309098	5/16/2023 16:01	5/16/2023 20:25	264	0
345647	5/16/2023 16:11	5/16/2023 22:31	380	0
324045	5/16/2023 16:13	5/16/2023 16:23	10	0
324045	5/16/2023 16:23	5/16/2023 17:57	94	0
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903630	5/16/2023 16:27	5/16/2023 16:44	17	0
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903630	5/16/2023 16:44	5/16/2023 18:07	83	0
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507365	5/16/2023 17:20	5/16/2023 17:36	16	0
507365	5/16/2023 17:36	5/16/2023 17:40	4	0
507365	5/16/2023 17:40	5/16/2023 23:23	343	0
324045	5/16/2023 17:57	5/16/2023 22:14	257	0
903630	5/16/2023 18:07	5/16/2023 22:27	260	0
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1190820	5/16/2023 20:23	5/17/2023 10:00	816	0
1309098	5/16/2023 20:25	5/17/2023 10:00	814	0
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791510	5/16/2023 21:30	5/17/2023 10:00	749	0

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304345	5/16/2023 21:42	5/17/2023 10:00	737	0
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1093833	5/16/2023 21:46	5/17/2023 10:00	733	0
1445912	5/16/2023 21:53	5/17/2023 0:28	155	0
1417279	5/16/2023 21:59	5/17/2023 10:00	720	0
8387677	5/16/2023 22:01	5/17/2023 10:00	718	0
793690	5/16/2023 22:01	5/17/2023 10:00	718	0
7533405	5/16/2023 22:06	5/17/2023 10:00	713	0
8668965	5/16/2023 22:08	5/17/2023 10:00	711	0
1351069	5/16/2023 22:08	5/17/2023 10:00	711	0
1538577	5/16/2023 22:10	5/17/2023 0:28	138	0
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1431752	5/16/2023 22:13	5/17/2023 10:00	706	0
324045	5/16/2023 22:14	5/17/2023 0:28	134	0
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188639	5/16/2023 22:17	5/17/2023 10:00	702	0
1985687	5/16/2023 22:18	5/17/2023 0:28	130	0
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1573666	5/16/2023 22:22	5/17/2023 10:00	697	0
457729	5/16/2023 22:23	5/17/2023 0:28	125	0
1350598	5/16/2023 22:23	5/17/2023 10:00	696	0
8068454	5/16/2023 22:23	5/17/2023 0:28	125	0
313011	5/16/2023 22:24	5/17/2023 0:28	124	0
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313954	5/16/2023 22:27	5/17/2023 0:28	121	0
903630	5/16/2023 22:27	5/17/2023 0:28	121	0
345647	5/16/2023 22:31	5/17/2023 10:00	688	0
561672	5/16/2023 22:32	5/17/2023 0:28	116	0
1321605	5/16/2023 22:34	5/17/2023 10:00	685	0
346288	5/16/2023 22:34	5/17/2023 10:00	685	0
1432509	5/16/2023 22:35	5/17/2023 10:00	684	0
51483	5/16/2023 22:35	5/17/2023 10:00	684	0
315604	5/16/2023 22:36	5/17/2023 0:28	112	0
314564	5/16/2023 22:39	5/17/2023 0:28	109	0
1557303	5/16/2023 22:43	5/17/2023 0:28	105	0
48217	5/16/2023 22:44	5/17/2023 0:28	104	0
298846	5/16/2023 22:47	5/17/2023 0:28	101	0
298597	5/16/2023 22:48	5/17/2023 10:00	671	0
656628	5/16/2023 22:52	5/17/2023 10:00	667	0
549596	5/16/2023 22:54	5/17/2023 0:28	94	0
1349766	5/16/2023 22:58	5/17/2023 0:28	90	0
396857	5/16/2023 23:11	5/17/2023 0:28	77	0
1498925	5/16/2023 23:20	5/17/2023 10:00	639	0
507365	5/16/2023 23:23	5/17/2023 0:28	65	0
790670	5/16/2023 23:25	5/17/2023 0:28	63	0

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313011	5/17/2023 0:28	5/17/2023 3:44	196	0
8068454	5/17/2023 0:28	5/17/2023 3:43	195	0
313954	5/17/2023 0:28	5/17/2023 4:27	239	0
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265473	5/17/2023 0:28	5/17/2023 10:00	571	0
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1356945	5/17/2023 0:28	5/17/2023 10:00	571	0
313731	5/17/2023 0:28	5/17/2023 10:00	571	0
48217	5/17/2023 0:28	5/17/2023 5:14	286	0
457729	5/17/2023 0:28	5/17/2023 3:17	169	0
266906	5/17/2023 0:28	5/17/2023 10:00	571	0
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903630	5/17/2023 0:28	5/17/2023 1:47	79	0
324045	5/17/2023 0:28	5/17/2023 1:34	66	0
396857	5/17/2023 0:28	5/17/2023 3:11	163	0
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298846	5/17/2023 0:28	5/17/2023 2:07	99	0
315604	5/17/2023 0:28	5/17/2023 3:56	208	0
1343091	5/17/2023 0:28	5/17/2023 10:00	571	0
315380	5/17/2023 0:28	5/17/2023 4:27	239	0
561672	5/17/2023 0:28	5/17/2023 4:32	244	0
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1985687	5/17/2023 0:28	5/17/2023 1:26	58	0
314564	5/17/2023 0:28	5/17/2023 4:39	251	0
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496500	5/17/2023 0:32	5/17/2023 10:00	567	0
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507365	5/17/2023 1:23	5/17/2023 10:00	516	0
1985687	5/17/2023 1:26	5/17/2023 10:00	513	0
324045	5/17/2023 1:34	5/17/2023 10:00	505	0
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456099	5/17/2023 3:18	5/17/2023 3:30	12	0
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456099	5/17/2023 3:30	5/17/2023 10:00	389	0
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8068454	5/17/2023 3:43	5/17/2023 10:00	376	0
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315604	5/17/2023 3:56	5/17/2023 10:00	363	0
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313954	5/17/2023 4:46	5/17/2023 5:27	41	0
315380	5/17/2023 4:46	5/17/2023 5:27	41	0
314564	5/17/2023 4:46	5/17/2023 5:19	33	0
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48217	5/17/2023 5:14	5/17/2023 10:00	285	0
1557188	5/17/2023 5:19	5/17/2023 10:00	280	0
1355611	5/17/2023 5:19	5/17/2023 10:00	280	0
314564	5/17/2023 5:19	5/17/2023 10:00	280	0
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313954	5/17/2023 5:27	5/17/2023 10:00	272	0
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1362855	5/17/2023 5:42	5/17/2023 10:00	257	0
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313954	5/17/2023 10:00	5/17/2023 22:46	766	1.2
51483	5/17/2023 10:00	5/18/2023 10:00	1439	0.22
298597	5/17/2023 10:00	5/17/2023 22:23	743	0
8387677	5/17/2023 10:00	5/17/2023 14:10	250	0.24
1343091	5/17/2023 10:00	5/18/2023 10:00	1439	0.44
705447	5/17/2023 10:00	5/18/2023 10:00	1439	0
791510	5/17/2023 10:00	5/17/2023 15:03	303	1.69
1349766	5/17/2023 10:00	5/17/2023 23:12	792	0.14
304345	5/17/2023 10:00	5/17/2023 13:22	202	0.47
1394543	5/17/2023 10:00	5/18/2023 10:00	1439	0.92
549596	5/17/2023 10:00	5/18/2023 10:00	1439	0.04
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46184	5/17/2023 10:00	5/18/2023 10:00	1439	0
1447648	5/17/2023 10:00	5/17/2023 23:49	829	0.48
1394442	5/17/2023 10:00	5/18/2023 10:00	1439	0
1432509	5/17/2023 10:00	5/17/2023 11:07	67	0
8068454	5/17/2023 10:00	5/18/2023 10:00	1439	0
507365	5/17/2023 10:00	5/17/2023 11:21	81	0
572882	5/17/2023 10:00	5/17/2023 12:52	172	1.15
564357	5/17/2023 10:00	5/18/2023 10:00	1439	0
169731	5/17/2023 10:00	5/18/2023 10:00	1439	1.07
315380	5/17/2023 10:00	5/17/2023 13:07	187	0.27
346288	5/17/2023 10:00	5/17/2023 14:44	284	0
1321605	5/17/2023 10:00	5/18/2023 10:00	1439	2.09
1093833	5/17/2023 10:00	5/17/2023 13:27	207	0
1350598	5/17/2023 10:00	5/18/2023 10:00	1439	0
1332906	5/17/2023 10:00	5/18/2023 10:00	1439	0
298043	5/17/2023 10:00	5/17/2023 11:33	93	0
324290	5/17/2023 10:00	5/17/2023 22:50	770	0
496500	5/17/2023 10:00	5/17/2023 15:37	337	0.06
237941	5/17/2023 10:00	5/18/2023 10:00	1439	0.27
561672	5/17/2023 10:00	5/18/2023 10:00	1439	0.03
315604	5/17/2023 10:00	5/17/2023 11:25	85	0.03
1518507	5/17/2023 10:00	5/17/2023 15:46	346	0.05
1557188	5/17/2023 10:00	5/18/2023 3:38	1058	0
903630	5/17/2023 10:00	5/18/2023 10:00	1439	0
1362855	5/17/2023 10:00	5/18/2023 2:36	996	0.07
48217	5/17/2023 10:00	5/18/2023 10:00	1439	0.04
396857	5/17/2023 10:00	5/18/2023 10:00	1439	0
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1556486	5/17/2023 10:00	5/18/2023 10:00	1439	0
457729	5/17/2023 10:00	5/18/2023 10:00	1439	0
1309098	5/17/2023 10:00	5/17/2023 14:25	265	4.56
345647	5/17/2023 10:00	5/17/2023 14:33	273	0
2032900	5/17/2023 10:00	5/17/2023 11:24	84	0.04
1408176	5/17/2023 10:00	5/18/2023 10:00	1439	0
313011	5/17/2023 10:00	5/17/2023 16:40	400	0
8668965	5/17/2023 10:00	5/17/2023 11:12	72	0
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1190820	5/17/2023 10:00	5/17/2023 13:23	203	0
1299402	5/17/2023 10:00	5/18/2023 10:00	1439	0
1355611	5/17/2023 10:00	5/18/2023 10:00	1439	0
298846	5/17/2023 10:00	5/18/2023 10:00	1439	0
7533405	5/17/2023 10:00	5/17/2023 13:21	201	0.07
561757	5/17/2023 10:00	5/18/2023 10:00	1439	0
264186	5/17/2023 10:00	5/18/2023 10:00	1439	0
1498925	5/17/2023 10:00	5/17/2023 13:43	223	0.22
637185	5/17/2023 10:00	5/18/2023 10:00	1439	0

656628	5/17/2023 10:00	5/17/2023 11:28	88	0.13
456099	5/17/2023 10:00	5/18/2023 10:00	1439	0.03
313731	5/17/2023 10:00	5/17/2023 13:52	232	0.46
1539391	5/17/2023 10:00	5/17/2023 13:40	220	0
266906	5/17/2023 10:00	5/18/2023 10:00	1439	0
316997	5/17/2023 10:03	5/17/2023 11:38	95	0
1445912	5/17/2023 10:07	5/18/2023 10:00	1432	0.22
1356945	5/17/2023 10:10	5/17/2023 13:44	214	0
1351069	5/17/2023 10:19	5/18/2023 10:00	1420	0
793690	5/17/2023 10:21	5/17/2023 14:36	255	0.14
324045	5/17/2023 10:22	5/17/2023 16:14	352	0
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1309133	5/17/2023 10:27	5/17/2023 22:17	710	0.23
188639	5/17/2023 10:33	5/18/2023 10:00	1406	0.28
1538577	5/17/2023 10:34	5/17/2023 11:35	61	0
1431752	5/17/2023 10:35	5/17/2023 13:38	183	0
1573666	5/17/2023 10:43	5/17/2023 11:16	33	0
8104722	5/17/2023 10:43	5/18/2023 10:00	1396	0
8148103	5/17/2023 10:43	5/17/2023 14:36	233	0
1508563	5/17/2023 10:55	5/17/2023 21:14	619	0.1
1407881	5/17/2023 10:57	5/17/2023 23:15	738	0
790670	5/17/2023 11:00	5/17/2023 23:39	759	0.6
1432509	5/17/2023 11:07	5/17/2023 13:55	168	0
8668965	5/17/2023 11:12	5/17/2023 13:32	140	0
1573666	5/17/2023 11:16	5/17/2023 22:43	687	0
507365	5/17/2023 11:21	5/17/2023 11:41	20	0
121748	5/17/2023 11:23	5/17/2023 22:41	678	0
2032900	5/17/2023 11:24	5/17/2023 11:29	5	0.09
315604	5/17/2023 11:25	5/17/2023 22:44	679	0.05
656628	5/17/2023 11:28	5/17/2023 11:36	8	0.11
2032900	5/17/2023 11:29	5/17/2023 13:44	135	0
298043	5/17/2023 11:33	5/17/2023 11:39	6	0
1538577	5/17/2023 11:35	5/17/2023 22:35	660	0
656628	5/17/2023 11:36	5/17/2023 14:08	152	0
1393633	5/17/2023 11:38	5/18/2023 2:37	899	0
316997	5/17/2023 11:38	5/17/2023 21:57	619	0.07
298043	5/17/2023 11:39	5/17/2023 12:05	26	0
507365	5/17/2023 11:41	5/17/2023 15:21	220	0
298043	5/17/2023 12:05	5/17/2023 23:36	691	0
314564	5/17/2023 12:52	5/17/2023 22:36	584	0
572882	5/17/2023 12:52	5/18/2023 3:16	864	1.56
315380	5/17/2023 13:07	5/17/2023 22:49	582	0
793638	5/17/2023 13:10	5/17/2023 20:49	459	0
315345	5/17/2023 13:11	5/17/2023 20:49	458	0
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238191	5/17/2023 13:21	5/18/2023 10:00	1238	0

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7533405	5/17/2023 13:21	5/17/2023 21:13	472	0
304345	5/17/2023 13:22	5/17/2023 21:46	504	0.29
1362130	5/17/2023 13:22	5/17/2023 21:06	464	0
1190820	5/17/2023 13:23	5/17/2023 20:23	420	0.05
1407947	5/17/2023 13:23	5/17/2023 21:02	459	0
1093833	5/17/2023 13:27	5/17/2023 21:44	497	0
315752	5/17/2023 13:28	5/18/2023 0:28	660	0
8668965	5/17/2023 13:32	5/17/2023 21:11	459	0
860281	5/17/2023 13:33	5/17/2023 21:03	450	0
506261	5/17/2023 13:37	5/17/2023 21:16	459	0
1431752	5/17/2023 13:38	5/18/2023 4:38	900	0
1539391	5/17/2023 13:40	5/17/2023 21:20	460	0
1498925	5/17/2023 13:43	5/18/2023 0:31	648	0.08
2032900	5/17/2023 13:44	5/17/2023 21:22	458	0
1356945	5/17/2023 13:44	5/17/2023 21:21	457	0
313731	5/17/2023 13:52	5/17/2023 22:47	535	0.01
1432509	5/17/2023 13:55	5/17/2023 21:38	463	0
656628	5/17/2023 14:08	5/17/2023 22:38	510	0
8387677	5/17/2023 14:10	5/17/2023 21:48	458	0
1417279	5/17/2023 14:21	5/17/2023 23:04	523	0.02
1309098	5/17/2023 14:25	5/17/2023 14:40	15	0.27
6761269	5/17/2023 14:33	5/17/2023 21:52	439	0
345647	5/17/2023 14:33	5/17/2023 22:12	459	0
1518502	5/17/2023 14:35	5/17/2023 23:07	512	0
8148103	5/17/2023 14:36	5/17/2023 22:21	465	0.1
793690	5/17/2023 14:36	5/17/2023 22:15	459	0
1309098	5/17/2023 14:40	5/17/2023 15:05	25	0
346288	5/17/2023 14:44	5/17/2023 22:22	458	0
265473	5/17/2023 14:45	5/17/2023 15:01	16	0
450309	5/17/2023 14:45	5/18/2023 10:00	1154	0
265473	5/17/2023 15:01	5/17/2023 16:45	104	0
791510	5/17/2023 15:03	5/17/2023 21:27	384	0.34
1309098	5/17/2023 15:05	5/17/2023 20:24	319	0
859747	5/17/2023 15:06	5/17/2023 22:44	458	0
507365	5/17/2023 15:21	5/17/2023 23:05	464	0
228611	5/17/2023 15:33	5/17/2023 22:58	445	0
496500	5/17/2023 15:37	5/17/2023 15:57	20	0
1417138	5/17/2023 15:46	5/18/2023 0:28	522	0
1518507	5/17/2023 15:46	5/17/2023 15:51	5	0
6733217	5/17/2023 15:50	5/18/2023 0:50	540	0
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496500	5/17/2023 15:57	5/17/2023 17:17	80	0
324045	5/17/2023 16:14	5/17/2023 22:08	354	0
1193174	5/17/2023 16:22	5/17/2023 22:27	365	0
1624452	5/17/2023 16:31	5/17/2023 22:26	355	0

325050	5/17/2023 16:32	5/17/2023 22:32	360	0
1985687	5/17/2023 16:35	5/18/2023 0:28	473	0
316630	5/17/2023 16:38	5/17/2023 22:51	373	0
313011	5/17/2023 16:40	5/17/2023 16:51	11	0
265473	5/17/2023 16:45	5/18/2023 0:28	463	0
1525793	5/17/2023 16:47	5/17/2023 22:47	360	0
313011	5/17/2023 16:51	5/17/2023 19:00	129	0
1511532	5/17/2023 16:56	5/17/2023 23:07	371	0
8590289	5/17/2023 16:56	5/17/2023 21:56	300	0
24124	5/17/2023 16:57	5/17/2023 23:28	391	0
1347888	5/17/2023 17:03	5/17/2023 23:06	363	0
1518507	5/17/2023 17:06	5/17/2023 21:45	279	0
793937	5/17/2023 17:16	5/17/2023 23:27	371	0
496500	5/17/2023 17:17	5/17/2023 21:55	278	0
1020274	5/17/2023 17:22	5/17/2023 23:33	371	0
1415622	5/17/2023 18:08	5/18/2023 10:00	951	0
313011	5/17/2023 19:00	5/17/2023 22:38	218	0
1190820	5/17/2023 20:23	5/18/2023 10:00	816	0
1309098	5/17/2023 20:24	5/18/2023 10:00	815	0
23566	5/17/2023 20:26	5/18/2023 10:00	813	0
793638	5/17/2023 20:49	5/18/2023 10:00	790	0
315345	5/17/2023 20:49	5/18/2023 9:07	738	0
1407947	5/17/2023 21:02	5/18/2023 10:00	777	0
860281	5/17/2023 21:03	5/18/2023 10:00	776	0
1362130	5/17/2023 21:06	5/18/2023 10:00	773	0
8668965	5/17/2023 21:11	5/18/2023 10:00	768	0
1363415	5/17/2023 21:11	5/18/2023 10:00	768	0
7533405	5/17/2023 21:13	5/18/2023 10:00	766	0
1508563	5/17/2023 21:14	5/18/2023 10:00	765	0
506261	5/17/2023 21:16	5/18/2023 10:00	763	0
1539391	5/17/2023 21:20	5/18/2023 10:00	759	0
1356945	5/17/2023 21:21	5/18/2023 10:00	758	0
2032900	5/17/2023 21:22	5/18/2023 10:00	757	0
791510	5/17/2023 21:27	5/18/2023 10:00	752	0
1432509	5/17/2023 21:38	5/18/2023 10:00	741	0
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316997	5/18/2023 2:57	5/18/2023 10:00	422	0

1393633	5/18/2023 2:57	5/18/2023 10:00	422	0
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1557188	5/18/2023 9:56	5/18/2023 10:00	3	0
1417138	5/18/2023 9:57	5/18/2023 10:00	2	0
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1432509	5/18/2023 10:00	5/18/2023 16:21	381	0

8387677	5/18/2023 10:00	5/18/2023 11:25	85	0
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238191	5/18/2023 10:00	5/19/2023 10:00	1439	0
265473	5/18/2023 10:00	5/18/2023 14:50	290	0
324045	5/18/2023 10:00	5/18/2023 14:23	263	0
315345	5/18/2023 10:00	5/19/2023 10:00	1439	0
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23566	5/18/2023 10:00	5/19/2023 10:00	1439	0.15
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1393633	5/18/2023 10:00	5/19/2023 10:00	1439	0
1309098	5/18/2023 10:00	5/18/2023 13:59	239	0.3
315752	5/18/2023 10:00	5/19/2023 10:00	1439	2.3
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313731	5/18/2023 10:00	5/18/2023 22:47	767	0.3
228611	5/18/2023 10:00	5/19/2023 10:00	1439	0.05
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1362855	5/18/2023 10:00	5/19/2023 10:00	1439	0.36
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46184	5/18/2023 10:00	5/19/2023 10:00	1439	0
316630	5/18/2023 10:00	5/18/2023 11:22	82	0.28
1557676	5/18/2023 10:00	5/19/2023 10:00	1439	0
1624452	5/18/2023 10:00	5/19/2023 10:00	1439	0
1498925	5/18/2023 10:00	5/19/2023 10:00	1439	0.06

496500	5/18/2023 10:00	5/18/2023 11:19	79	0
346288	5/18/2023 10:00	5/18/2023 11:02	62	0
324290	5/18/2023 10:00	5/19/2023 10:00	1439	0
1518502	5/18/2023 10:00	5/18/2023 13:27	207	0
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1417138	5/18/2023 10:00	5/19/2023 10:00	1439	0
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1985687	5/18/2023 10:00	5/19/2023 10:00	1439	0
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791510	5/18/2023 10:00	5/19/2023 0:28	868	0.14
1349766	5/18/2023 10:00	5/18/2023 23:16	796	0.31
1518507	5/18/2023 10:00	5/19/2023 3:58	1078	0.92
313954	5/18/2023 10:00	5/18/2023 22:50	770	0.56
1093833	5/18/2023 10:03	5/19/2023 10:00	1436	0.35
523018	5/18/2023 10:05	5/19/2023 10:00	1434	0
6733217	5/18/2023 10:05	5/18/2023 16:02	357	0
304345	5/18/2023 10:05	5/18/2023 12:58	173	0.11
6761269	5/18/2023 10:08	5/19/2023 10:00	1431	0
1356945	5/18/2023 10:13	5/18/2023 22:13	720	0
860281	5/18/2023 10:15	5/19/2023 10:00	1424	0
1407947	5/18/2023 10:22	5/19/2023 10:00	1417	0
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793690	5/18/2023 10:25	5/18/2023 13:35	190	0
315346	5/18/2023 10:27	5/19/2023 10:00	1412	0.5
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1193174	5/18/2023 10:31	5/18/2023 22:25	714	1.55
1309133	5/18/2023 10:32	5/19/2023 10:00	1407	0.97
1431752	5/18/2023 10:39	5/19/2023 10:00	1400	0
1415622	5/18/2023 10:43	5/19/2023 10:00	1396	0
315088	5/18/2023 10:45	5/18/2023 20:23	578	0
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317126	5/18/2023 10:52	5/18/2023 22:57	725	0
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1417279	5/18/2023 11:18	5/18/2023 11:24	6	0
8668965	5/18/2023 11:18	5/18/2023 12:35	77	0
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8590289	5/18/2023 11:21	5/18/2023 13:20	119	0.02
316630	5/18/2023 11:22	5/18/2023 22:45	683	0.08
1417279	5/18/2023 11:24	5/18/2023 14:28	184	1.77
1508563	5/18/2023 11:24	5/18/2023 23:04	700	0.89
8387677	5/18/2023 11:25	5/18/2023 23:02	697	0
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656628	5/18/2023 11:30	5/18/2023 11:44	14	0.15
6168330	5/18/2023 11:30	5/18/2023 21:33	603	0
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2032900	5/18/2023 11:37	5/18/2023 12:34	57	0
1447648	5/18/2023 11:39	5/18/2023 23:59	740	0.04
790670	5/18/2023 11:41	5/18/2023 23:41	720	0.16
572882	5/18/2023 11:44	5/18/2023 21:23	579	0
656628	5/18/2023 11:44	5/18/2023 11:50	6	0
1511251	5/18/2023 11:48	5/18/2023 23:11	683	0
656628	5/18/2023 11:50	5/18/2023 23:38	708	0
298846	5/18/2023 11:54	5/19/2023 10:00	1325	0.07
1355611	5/18/2023 11:56	5/18/2023 22:14	618	0
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1190820	5/18/2023 12:06	5/18/2023 20:25	499	0.53
611273	5/18/2023 12:12	5/18/2023 21:34	562	0
801004	5/18/2023 12:25	5/19/2023 10:00	1294	0
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8668965	5/18/2023 12:35	5/18/2023 23:19	644	0
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506261	5/18/2023 12:39	5/18/2023 22:18	579	0
304345	5/18/2023 12:58	5/18/2023 20:42	464	0.25
8590289	5/18/2023 13:20	5/18/2023 23:05	585	0
1518502	5/18/2023 13:27	5/18/2023 23:02	575	0
793690	5/18/2023 13:35	5/18/2023 21:13	458	0
345647	5/18/2023 13:38	5/18/2023 22:35	537	0
346288	5/18/2023 13:42	5/18/2023 22:59	557	0
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1309098	5/18/2023 13:59	5/18/2023 20:38	399	0.27
324045	5/18/2023 14:23	5/18/2023 22:02	459	0
1394543	5/18/2023 14:28	5/18/2023 22:43	495	0

573677	5/18/2023 14:28	5/19/2023 10:00	1171	0
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265473	5/18/2023 14:50	5/18/2023 15:03	13	0
265473	5/18/2023 15:03	5/18/2023 15:30	27	0
456099	5/18/2023 15:17	5/19/2023 0:28	551	0
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6733217	5/18/2023 16:15	5/18/2023 16:21	6	0
228867	5/18/2023 16:19	5/18/2023 23:03	404	0
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1432509	5/18/2023 16:21	5/18/2023 22:43	382	0
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1394543	5/18/2023 22:43	5/19/2023 10:00	676	0
1432509	5/18/2023 22:43	5/19/2023 10:00	676	0
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316630	5/18/2023 22:45	5/19/2023 0:28	103	0
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48217	5/18/2023 22:49	5/19/2023 0:28	99	0
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317126	5/18/2023 22:57	5/19/2023 0:28	91	0
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1518502	5/18/2023 23:02	5/19/2023 10:00	657	0
8387677	5/18/2023 23:02	5/19/2023 10:00	657	0
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1508563	5/18/2023 23:04	5/19/2023 0:28	84	0
1449371	5/18/2023 23:04	5/19/2023 0:28	84	0
8590289	5/18/2023 23:05	5/19/2023 0:28	83	0
1511251	5/18/2023 23:11	5/19/2023 10:00	648	0
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8668965	5/18/2023 23:19	5/19/2023 10:00	640	0
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1447648	5/18/2023 23:59	5/19/2023 0:28	29	0
48217	5/19/2023 0:28	5/19/2023 2:29	121	0
1539391	5/19/2023 0:28	5/19/2023 3:55	207	0
317126	5/19/2023 0:28	5/19/2023 1:37	69	0

572882	5/19/2023 0:28	5/19/2023 3:03	155	0
456099	5/19/2023 0:28	5/19/2023 10:00	571	0
791510	5/19/2023 0:28	5/19/2023 10:00	571	0
265473	5/19/2023 0:28	5/19/2023 10:00	571	0
427715	5/19/2023 0:28	5/19/2023 0:51	23	0
7607485	5/19/2023 0:28	5/19/2023 4:16	228	0
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1508563	5/19/2023 0:28	5/19/2023 1:50	82	0
316630	5/19/2023 0:28	5/19/2023 2:46	138	0
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1349766	5/19/2023 0:28	5/19/2023 2:56	148	0
313011	5/19/2023 0:28	5/19/2023 2:48	140	0
1347937	5/19/2023 0:28	5/19/2023 2:57	149	0
496500	5/19/2023 0:28	5/19/2023 2:42	134	0
1332906	5/19/2023 0:28	5/19/2023 10:00	571	0
1355611	5/19/2023 0:28	5/19/2023 3:14	166	0
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1447648	5/19/2023 1:19	5/19/2023 10:00	520	0
325050	5/19/2023 1:26	5/19/2023 10:00	513	0
317126	5/19/2023 1:37	5/19/2023 10:00	502	0
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1508563	5/19/2023 1:50	5/19/2023 10:00	489	0
790670	5/19/2023 2:01	5/19/2023 10:00	478	0
8590289	5/19/2023 2:06	5/19/2023 10:00	473	0
48217	5/19/2023 2:29	5/19/2023 10:00	450	0
1356945	5/19/2023 2:33	5/19/2023 10:00	446	0
314564	5/19/2023 2:41	5/19/2023 10:00	438	0
496500	5/19/2023 2:42	5/19/2023 10:00	437	0
316630	5/19/2023 2:46	5/19/2023 10:00	433	0
313011	5/19/2023 2:48	5/19/2023 10:00	431	0
1349766	5/19/2023 2:56	5/19/2023 10:00	423	0
1347937	5/19/2023 2:57	5/19/2023 10:00	422	0
572882	5/19/2023 3:03	5/19/2023 10:00	416	0
1355611	5/19/2023 3:14	5/19/2023 10:00	405	0
1449371	5/19/2023 3:44	5/19/2023 10:00	375	0

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7607485	5/19/2023 4:16	5/19/2023 10:00	343	0
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1599629	5/19/2023 9:38	5/19/2023 10:00	21	0
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1347937	5/19/2023 10:00	5/20/2023 10:00	1439	0
1508563	5/19/2023 10:00	5/20/2023 10:00	1439	0
46184	5/19/2023 10:00	5/20/2023 10:00	1439	0
325050	5/19/2023 10:00	5/19/2023 22:45	765	0
609757	5/19/2023 10:00	5/20/2023 10:00	1439	0.04
1518507	5/19/2023 10:00	5/20/2023 10:00	1439	0.12
507365	5/19/2023 10:00	5/19/2023 11:54	114	0
791510	5/19/2023 10:00	5/20/2023 10:00	1439	0
313731	5/19/2023 10:00	5/20/2023 10:00	1439	0.14
1538577	5/19/2023 10:00	5/19/2023 14:20	260	0.15
1464949	5/19/2023 10:00	5/20/2023 10:00	1439	0
345647	5/19/2023 10:00	5/20/2023 10:00	1439	0
790670	5/19/2023 10:00	5/19/2023 11:49	109	0
1332906	5/19/2023 10:00	5/20/2023 2:35	995	0
1539391	5/19/2023 10:00	5/19/2023 22:45	765	0.17
564357	5/19/2023 10:00	5/20/2023 10:00	1439	0
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396857	5/19/2023 10:00	5/20/2023 10:00	1439	0
7533405	5/19/2023 10:00	5/19/2023 16:37	397	0.54
1449371	5/19/2023 10:00	5/20/2023 10:00	1439	0
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298846	5/19/2023 10:00	5/19/2023 17:16	436	0
572790	5/19/2023 10:00	5/20/2023 10:00	1439	0
169731	5/19/2023 10:00	5/20/2023 10:00	1439	0.19
1309098	5/19/2023 10:00	5/19/2023 14:41	281	0.41
228611	5/19/2023 10:00	5/20/2023 10:00	1439	0
1602508	5/19/2023 10:00	5/20/2023 10:00	1439	0.19
572990	5/19/2023 10:00	5/20/2023 10:00	1439	0
566748	5/19/2023 10:00	5/20/2023 10:00	1439	0
1447648	5/19/2023 10:00	5/19/2023 12:04	124	0
315088	5/19/2023 10:00	5/20/2023 10:00	1439	0
1394543	5/19/2023 10:00	5/20/2023 10:00	1439	0.54
1355611	5/19/2023 10:00	5/19/2023 22:31	751	0.01
228282	5/19/2023 10:00	5/20/2023 10:00	1439	0
637185	5/19/2023 10:00	5/20/2023 10:00	1439	0
264186	5/19/2023 10:00	5/20/2023 10:00	1439	0
315380	5/19/2023 10:00	5/20/2023 10:00	1439	0.08
265473	5/19/2023 10:00	5/20/2023 10:00	1439	0
346288	5/19/2023 10:00	5/20/2023 10:00	1439	0
705447	5/19/2023 10:00	5/20/2023 10:00	1439	0

456099	5/19/2023 10:00	5/19/2023 21:22	682	0.02
6168330	5/19/2023 10:00	5/20/2023 10:00	1439	0
611273	5/19/2023 10:00	5/20/2023 10:00	1439	0
506261	5/19/2023 10:00	5/19/2023 22:29	749	0.78
1190820	5/19/2023 10:00	5/19/2023 20:27	627	0.21
1527339	5/19/2023 10:00	5/19/2023 16:58	418	0
496500	5/19/2023 10:08	5/20/2023 10:00	1431	0
316997	5/19/2023 10:13	5/19/2023 16:13	360	0.54
558031	5/19/2023 10:31	5/20/2023 10:00	1408	0
793690	5/19/2023 10:33	5/19/2023 14:13	220	0.24
324045	5/19/2023 10:34	5/19/2023 11:26	52	0
8104722	5/19/2023 10:38	5/19/2023 22:57	739	0
1193174	5/19/2023 10:39	5/20/2023 10:00	1400	0.5
8206792	5/19/2023 10:51	5/19/2023 22:46	715	0
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510307	5/19/2023 10:56	5/19/2023 21:59	663	0.21
51483	5/19/2023 11:01	5/19/2023 21:22	621	1.16
1557303	5/19/2023 11:03	5/19/2023 23:11	728	0.54
8387677	5/19/2023 11:08	5/19/2023 23:07	719	0.47
1432509	5/19/2023 11:18	5/19/2023 22:23	665	0
1407881	5/19/2023 11:22	5/19/2023 23:20	718	0
324045	5/19/2023 11:26	5/19/2023 21:19	593	0.13
801004	5/19/2023 11:30	5/19/2023 23:49	739	0
1350129	5/19/2023 11:35	5/20/2023 10:00	1344	0.31
2032900	5/19/2023 11:37	5/19/2023 23:40	723	0
1321605	5/19/2023 11:44	5/19/2023 23:42	718	0.12
656628	5/19/2023 11:45	5/19/2023 22:32	647	0.21
790670	5/19/2023 11:49	5/19/2023 12:04	15	0
1498925	5/19/2023 11:50	5/19/2023 23:48	718	0
507365	5/19/2023 11:54	5/19/2023 12:01	7	0
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790670	5/19/2023 12:15	5/19/2023 23:50	695	0
6714863	5/19/2023 12:15	5/19/2023 22:19	604	0.09
1320845	5/19/2023 12:46	5/20/2023 0:28	702	0
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1408176	5/19/2023 13:42	5/19/2023 20:30	408	0
507365	5/19/2023 13:42	5/19/2023 23:57	615	0
793690	5/19/2023 14:13	5/19/2023 21:51	458	0.02
1417138	5/19/2023 14:15	5/19/2023 21:53	458	0
1557188	5/19/2023 14:18	5/19/2023 21:57	459	0
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572882	5/19/2023 14:23	5/19/2023 21:27	424	0.28
1447648	5/19/2023 14:24	5/19/2023 22:05	461	0

1362855	5/19/2023 14:25	5/20/2023 0:28	603	0
1434359	5/19/2023 14:35	5/19/2023 14:46	11	0
1309098	5/19/2023 14:41	5/19/2023 14:42	1	0.02
1309098	5/19/2023 14:42	5/19/2023 17:21	159	0.11
1434359	5/19/2023 14:46	5/19/2023 17:15	149	0
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1985687	5/19/2023 16:22	5/19/2023 22:59	397	0
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7533405	5/19/2023 16:37	5/19/2023 16:48	11	0
1597937	5/19/2023 16:41	5/20/2023 0:28	467	0
8148103	5/19/2023 16:44	5/20/2023 1:40	536	0
8068454	5/19/2023 16:48	5/19/2023 22:47	359	0
7533405	5/19/2023 16:48	5/19/2023 17:17	29	0
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1600016	5/19/2023 16:51	5/19/2023 22:51	360	0
323747	5/19/2023 16:57	5/19/2023 23:01	364	0
457729	5/19/2023 16:57	5/19/2023 22:45	348	0
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1525793	5/19/2023 17:08	5/19/2023 23:06	358	0
1619720	5/19/2023 17:11	5/20/2023 1:56	525	0
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1321605	5/19/2023 23:42	5/20/2023 0:28	46	0
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8206792	5/20/2023 0:28	5/20/2023 1:46	78	0
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324290	5/20/2023 5:36	5/20/2023 10:00	263	0
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1985687	5/20/2023 11:08	5/20/2023 23:13	725	0
315088	5/20/2023 11:11	5/20/2023 11:18	7	0
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8668965	5/20/2023 11:32	5/20/2023 23:30	718	0.15

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972377	5/20/2023 12:06	5/20/2023 22:29	623	0
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298043	5/20/2023 12:09	5/20/2023 12:10	1	0
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1447648	5/20/2023 12:10	5/20/2023 12:20	10	0
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507365	5/20/2023 12:13	5/20/2023 12:37	24	0
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7533405	5/20/2023 12:20	5/20/2023 22:44	624	0.23
1498767	5/20/2023 12:22	5/21/2023 0:24	722	0.22
298597	5/20/2023 12:34	5/20/2023 23:33	659	0.02
507365	5/20/2023 12:37	5/21/2023 0:10	693	0
1525793	5/20/2023 12:55	5/20/2023 20:33	458	0
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793690	5/20/2023 13:11	5/20/2023 20:56	465	0
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572882	5/20/2023 13:23	5/20/2023 21:02	459	0
569420	5/20/2023 13:25	5/20/2023 21:05	460	0
1447648	5/20/2023 13:30	5/20/2023 21:10	460	0.28
1511532	5/20/2023 14:02	5/20/2023 21:41	459	0.22
315088	5/20/2023 14:11	5/20/2023 21:49	458	0
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1309098	5/20/2023 14:41	5/20/2023 16:31	110	0
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801004	5/20/2023 15:19	5/20/2023 21:25	366	0
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1356945	5/20/2023 16:18	5/20/2023 16:29	11	0

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859747	5/20/2023 23:51	5/21/2023 0:28	37	0
571420	5/21/2023 0:00	5/21/2023 0:28	28	0
656628	5/21/2023 0:08	5/21/2023 10:00	591	0
507365	5/21/2023 0:10	5/21/2023 0:28	18	0
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790670	5/21/2023 0:16	5/21/2023 0:28	12	0
1498767	5/21/2023 0:24	5/21/2023 0:34	10	0
1985687	5/21/2023 0:28	5/21/2023 2:33	125	0
298043	5/21/2023 0:28	5/21/2023 0:32	4	0
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298597	5/21/2023 0:28	5/21/2023 2:04	96	0
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1356945	5/21/2023 0:28	5/21/2023 0:37	9	0
571420	5/21/2023 0:28	5/21/2023 3:40	192	0
7533405	5/21/2023 0:28	5/21/2023 3:20	172	0
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507365	5/21/2023 0:28	5/21/2023 3:13	165	0

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323747	5/21/2023 0:55	5/21/2023 10:00	544	0
572916	5/21/2023 0:56	5/21/2023 10:00	543	0
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1190820	5/21/2023 1:22	5/21/2023 10:00	517	0
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7533405	5/21/2023 3:20	5/21/2023 10:00	399	0
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859747	5/21/2023 3:31	5/21/2023 10:00	388	0
571420	5/21/2023 3:40	5/21/2023 10:00	379	0
1576533	5/21/2023 3:50	5/21/2023 10:00	369	0
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315604	5/21/2023 5:13	5/21/2023 5:28	15	0
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1508563	5/21/2023 5:35	5/21/2023 5:50	15	0
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1508563	5/21/2023 10:00	5/22/2023 10:00	1439	0.02
7533405	5/21/2023 10:00	5/22/2023 10:00	1439	0
315604	5/21/2023 10:00	5/21/2023 22:44	764	0

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1408176	5/21/2023 10:00	5/22/2023 10:00	1439	0
1404235	5/21/2023 10:00	5/21/2023 23:03	783	0
793690	5/21/2023 10:00	5/22/2023 4:21	1101	0.18
1417138	5/21/2023 10:00	5/21/2023 13:19	199	0
1525793	5/21/2023 10:00	5/21/2023 13:18	198	0
1407232	5/21/2023 10:00	5/21/2023 23:04	784	0
8668965	5/21/2023 10:00	5/21/2023 22:56	776	0
572882	5/21/2023 10:00	5/22/2023 10:00	1439	0
1309098	5/21/2023 10:00	5/22/2023 10:00	1439	0.01
790670	5/21/2023 10:00	5/22/2023 10:00	1439	0
6714863	5/21/2023 10:00	5/22/2023 10:00	1439	0
1321605	5/21/2023 10:00	5/22/2023 10:00	1439	0.45
1093833	5/21/2023 10:00	5/22/2023 10:00	1439	0
315484	5/21/2023 10:00	5/22/2023 10:00	1439	0
569420	5/21/2023 10:00	5/22/2023 10:00	1439	0.1
1503562	5/21/2023 10:00	5/21/2023 23:04	784	0
1557100	5/21/2023 10:00	5/22/2023 10:00	1439	0
859747	5/21/2023 10:00	5/22/2023 10:00	1439	0
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571420	5/21/2023 10:00	5/22/2023 10:00	1439	0
1251782	5/21/2023 10:00	5/22/2023 10:00	1439	0
298043	5/21/2023 10:00	5/21/2023 23:18	798	0
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801004	5/21/2023 10:00	5/22/2023 10:00	1439	0
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1379121	5/21/2023 10:00	5/22/2023 10:00	1439	0
46184	5/21/2023 10:00	5/22/2023 10:00	1439	0
315088	5/21/2023 10:00	5/22/2023 10:00	1439	0
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564357	5/21/2023 10:00	5/22/2023 10:00	1439	0
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298597	5/21/2023 10:00	5/22/2023 10:00	1439	0
507365	5/21/2023 10:00	5/22/2023 10:00	1439	0
7932279	5/21/2023 10:00	5/22/2023 10:00	1439	0
323747	5/21/2023 10:00	5/22/2023 10:00	1439	0
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1538577	5/21/2023 10:00	5/22/2023 10:00	1439	0
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456099	5/21/2023 10:00	5/22/2023 10:00	1439	0
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705447	5/21/2023 10:00	5/22/2023 10:00	1439	0
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656628	5/21/2023 10:00	5/21/2023 23:15	795	0.19
1985687	5/21/2023 10:00	5/22/2023 10:00	1439	0
315380	5/21/2023 10:00	5/21/2023 22:32	752	0
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572916	5/21/2023 10:00	5/22/2023 10:00	1439	0.01
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315346	5/21/2023 13:18	5/21/2023 20:47	449	0
1349766	5/21/2023 13:18	5/21/2023 20:53	455	0.68
1525793	5/21/2023 13:18	5/21/2023 22:19	541	0
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8766703	5/21/2023 15:09	5/21/2023 23:17	488	0
535845	5/21/2023 15:15	5/21/2023 22:49	454	0
1417138	5/21/2023 15:54	5/21/2023 15:57	3	0
1417138	5/21/2023 15:57	5/21/2023 21:14	317	0
455629	5/21/2023 15:58	5/22/2023 2:35	637	0
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51483	5/21/2023 16:32	5/21/2023 22:28	356	0
324290	5/21/2023 16:35	5/21/2023 22:40	365	0
8387677	5/21/2023 16:39	5/21/2023 22:46	367	0
313011	5/21/2023 16:43	5/21/2023 22:32	349	0
298846	5/21/2023 16:51	5/21/2023 22:41	350	0
1509486	5/21/2023 16:56	5/21/2023 22:46	350	0
1350598	5/21/2023 17:07	5/21/2023 23:08	361	0
1349338	5/21/2023 17:08	5/21/2023 23:03	355	0
315346	5/21/2023 20:47	5/22/2023 10:00	792	0
1349766	5/21/2023 20:53	5/22/2023 10:00	786	0
1511251	5/21/2023 21:02	5/22/2023 10:00	777	0
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324290	5/21/2023 22:40	5/22/2023 0:28	108	0
298846	5/21/2023 22:41	5/22/2023 0:28	107	0
315604	5/21/2023 22:44	5/22/2023 0:28	104	0
1509486	5/21/2023 22:46	5/22/2023 0:28	102	0
8387677	5/21/2023 22:46	5/22/2023 0:28	102	0

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535845	5/21/2023 22:49	5/22/2023 0:28	99	0
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8668965	5/21/2023 22:56	5/22/2023 0:28	92	0
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1503562	5/21/2023 23:04	5/22/2023 0:28	84	0
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656628	5/21/2023 23:15	5/22/2023 10:00	644	0
8766703	5/21/2023 23:17	5/22/2023 0:28	71	0
298043	5/21/2023 23:18	5/22/2023 0:28	70	0
1498767	5/21/2023 23:38	5/22/2023 0:28	50	0
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8621797	5/22/2023 0:28	5/22/2023 4:35	247	0
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1407232	5/22/2023 0:28	5/22/2023 4:44	256	0
8668965	5/22/2023 0:28	5/22/2023 0:36	8	0
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315380	5/22/2023 0:28	5/22/2023 4:32	244	0
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1503562	5/22/2023 0:28	5/22/2023 4:24	236	0
315604	5/22/2023 0:28	5/22/2023 4:44	256	0
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324290	5/22/2023 10:00	5/23/2023 10:00	1439	0

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298043	5/22/2023 11:46	5/22/2023 12:09	23	0
793690	5/22/2023 11:51	5/22/2023 22:13	622	0
298846	5/22/2023 11:56	5/22/2023 22:53	657	0

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345647	5/22/2023 12:07	5/22/2023 22:34	627	0
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315345	5/22/2023 12:16	5/22/2023 20:44	508	0.24
6168330	5/22/2023 12:16	5/22/2023 20:34	498	0
315380	5/22/2023 12:16	5/22/2023 22:12	596	0
496500	5/22/2023 12:16	5/22/2023 21:59	583	0
926505	5/22/2023 12:16	5/23/2023 10:00	1303	0
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1347937	5/22/2023 12:19	5/22/2023 23:21	662	0
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1395587	5/22/2023 12:19	5/22/2023 23:44	685	0
315604	5/22/2023 12:22	5/22/2023 22:39	617	0
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1093833	5/22/2023 12:54	5/23/2023 4:04	910	0.32
1408176	5/22/2023 12:54	5/22/2023 20:15	441	0
324045	5/22/2023 12:55	5/22/2023 20:36	461	0
317126	5/22/2023 12:55	5/22/2023 22:42	587	0
313011	5/22/2023 12:56	5/22/2023 22:10	554	0
1309098	5/22/2023 14:24	5/22/2023 20:22	358	0
238191	5/22/2023 14:36	5/22/2023 23:02	506	0
266906	5/22/2023 15:15	5/23/2023 0:28	553	0
313954	5/22/2023 15:20	5/22/2023 22:50	450	0
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316997	5/22/2023 15:55	5/22/2023 21:53	358	0

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903630	5/22/2023 20:04	5/23/2023 10:00	835	0
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265473	5/22/2023 20:21	5/23/2023 10:00	818	0
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1190820	5/22/2023 20:24	5/23/2023 0:28	244	0
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1299402	5/22/2023 22:15	5/23/2023 10:00	704	0

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51483	5/22/2023 22:40	5/23/2023 0:28	108	0
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317126	5/22/2023 22:42	5/23/2023 10:00	677	0
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238191	5/22/2023 23:02	5/23/2023 0:28	86	0
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1321605	5/23/2023 11:41	5/23/2023 22:59	678	1.21
656628	5/23/2023 11:45	5/23/2023 23:12	687	0.04
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8590289	5/23/2023 11:47	5/23/2023 22:45	658	0
7533405	5/23/2023 11:47	5/23/2023 16:57	310	0.63
8387677	5/23/2023 11:50	5/23/2023 22:28	638	0
507365	5/23/2023 11:54	5/23/2023 11:58	4	0
1432509	5/23/2023 11:54	5/23/2023 22:47	653	0
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8495802	5/23/2023 22:26	5/24/2023 0:28	122	0
346288	5/23/2023 22:26	5/24/2023 0:28	122	0
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1343091	5/23/2023 22:44	5/24/2023 10:00	675	0
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1432509	5/23/2023 22:47	5/24/2023 10:00	672	0
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810130	5/23/2023 22:56	5/24/2023 0:28	92	0
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1321605	5/23/2023 22:59	5/24/2023 0:28	89	0
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7533405	5/24/2023 0:28	5/24/2023 0:51	23	0
7937779	5/24/2023 0:28	5/24/2023 0:52	24	0
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507365	5/24/2023 0:28	5/24/2023 0:50	22	0
1539391	5/24/2023 0:28	5/24/2023 0:45	17	0
790670	5/24/2023 0:28	5/24/2023 0:42	14	0
1350597	5/24/2023 0:28	5/24/2023 0:37	9	0
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346288	5/24/2023 0:46	5/24/2023 10:00	553	0

8495802	5/24/2023 0:46	5/24/2023 10:00	553	0
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316997	5/24/2023 0:51	5/24/2023 10:00	548	0
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1350598	5/24/2023 0:52	5/24/2023 10:00	547	0
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656628	5/24/2023 0:52	5/24/2023 10:00	547	0
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7937779	5/24/2023 0:52	5/24/2023 10:00	547	0
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1434359	5/24/2023 10:00	5/25/2023 10:00	1439	0
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7937779	5/24/2023 10:00	5/25/2023 10:00	1439	0
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1432509	5/24/2023 10:00	5/24/2023 13:37	217	0
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506261	5/24/2023 10:00	5/25/2023 10:00	1439	0
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312766	5/24/2023 10:00	5/25/2023 10:00	1439	0
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561757	5/24/2023 10:00	5/25/2023 10:00	1439	0
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705447	5/24/2023 10:00	5/25/2023 10:00	1439	0
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8495802	5/24/2023 10:00	5/25/2023 10:00	1439	0
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903630	5/24/2023 10:00	5/25/2023 10:00	1439	0
1190820	5/24/2023 10:00	5/24/2023 11:24	84	0
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345647	5/24/2023 10:00	5/25/2023 10:00	1439	0
1576533	5/24/2023 10:00	5/25/2023 10:00	1439	0
790670	5/24/2023 10:00	5/25/2023 10:00	1439	0
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1190820	5/24/2023 11:24	5/25/2023 0:28	784	0

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791510	5/24/2023 12:16	5/25/2023 0:28	732	0
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496500	5/24/2023 12:42	5/25/2023 0:28	706	0
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8148103	5/24/2023 13:15	5/25/2023 0:28	673	0
1251782	5/24/2023 13:17	5/25/2023 0:28	671	0
806370	5/24/2023 13:17	5/25/2023 1:57	760	0
8387677	5/24/2023 13:27	5/25/2023 0:28	661	0
1525793	5/24/2023 13:28	5/25/2023 0:28	660	0
1573666	5/24/2023 13:35	5/25/2023 0:28	653	0
1432509	5/24/2023 13:37	5/25/2023 5:04	927	0
1498925	5/24/2023 13:45	5/25/2023 0:28	643	0
1417279	5/24/2023 13:54	5/25/2023 0:28	634	0
1299402	5/24/2023 14:07	5/25/2023 0:28	621	0
808829	5/24/2023 14:09	5/25/2023 3:32	803	0
656628	5/24/2023 14:12	5/25/2023 0:28	616	0.04
791510	5/25/2023 0:28	5/25/2023 8:57	509	0
1362855	5/25/2023 0:28	5/25/2023 10:00	571	0
1251782	5/25/2023 0:28	5/25/2023 10:00	571	0
1190820	5/25/2023 0:28	5/25/2023 10:00	571	0
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522210	5/25/2023 0:28	5/25/2023 10:00	571	0
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6714863	5/25/2023 0:28	5/25/2023 10:00	571	0
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859747	5/25/2023 0:28	5/25/2023 10:00	571	0

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8148103	5/25/2023 0:28	5/25/2023 10:00	571	0
1985687	5/25/2023 0:28	5/25/2023 3:27	179	0
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316997	5/25/2023 0:28	5/25/2023 10:00	571	0
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496500	5/25/2023 0:28	5/25/2023 10:00	571	0
1431752	5/25/2023 0:28	5/25/2023 10:00	571	0
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1525793	5/25/2023 1:07	5/25/2023 10:00	532	0
1408176	5/25/2023 1:35	5/25/2023 8:37	422	0
1498925	5/25/2023 1:45	5/25/2023 10:00	494	0
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6503956	5/25/2023 3:08	5/25/2023 10:00	411	0
1518241	5/25/2023 3:20	5/25/2023 10:00	399	0
1985687	5/25/2023 3:27	5/25/2023 10:00	392	0
808829	5/25/2023 3:32	5/25/2023 10:00	387	0
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7533405	5/25/2023 4:55	5/25/2023 10:00	304	0
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1432509	5/25/2023 5:04	5/25/2023 10:00	295	0
1681747	5/25/2023 5:22	5/25/2023 10:00	277	0
1624452	5/25/2023 5:52	5/25/2023 10:00	247	0
1408176	5/25/2023 8:37	5/25/2023 10:00	82	0
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24124	5/25/2023 8:47	5/25/2023 10:00	72	0
791510	5/25/2023 8:57	5/25/2023 10:00	62	0
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315088	5/25/2023 9:51	5/25/2023 10:00	8	0
507365	5/25/2023 10:00	5/25/2023 16:18	378	0
1407881	5/25/2023 10:00	5/26/2023 10:00	1439	0
637185	5/25/2023 10:00	5/26/2023 10:00	1439	0
522210	5/25/2023 10:00	5/26/2023 10:00	1439	0
298846	5/25/2023 10:00	5/26/2023 10:00	1439	0
1498925	5/25/2023 10:00	5/26/2023 10:00	1439	0
1518241	5/25/2023 10:00	5/26/2023 10:00	1439	0
790670	5/25/2023 10:00	5/25/2023 16:29	389	0
51483	5/25/2023 10:00	5/25/2023 16:49	409	0.26
49209	5/25/2023 10:00	5/26/2023 10:00	1439	0
1511251	5/25/2023 10:00	5/26/2023 10:00	1439	0
791510	5/25/2023 10:00	5/25/2023 16:39	399	0
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1432509	5/25/2023 10:00	5/25/2023 16:35	395	0

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1320619	5/25/2023 10:00	5/26/2023 10:00	1439	0
6714863	5/25/2023 10:00	5/25/2023 11:43	103	0
1408176	5/25/2023 10:00	5/26/2023 10:00	1439	0
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1309098	5/25/2023 10:00	5/25/2023 14:46	286	0.07
1321605	5/25/2023 10:00	5/26/2023 10:00	1439	1.64
1431752	5/25/2023 10:00	5/26/2023 10:00	1439	0
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523018	5/25/2023 10:00	5/25/2023 16:57	417	0
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1350597	5/25/2023 10:00	5/26/2023 10:00	1439	0
7533405	5/25/2023 10:00	5/25/2023 16:35	395	0.53
1362130	5/25/2023 10:00	5/26/2023 10:00	1439	0
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1624452	5/25/2023 10:00	5/26/2023 10:00	1439	0
24124	5/25/2023 10:00	5/26/2023 10:00	1439	0
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1681747	5/25/2023 10:00	5/26/2023 10:00	1439	0
8387677	5/25/2023 10:00	5/25/2023 11:24	84	0
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808829	5/25/2023 10:00	5/26/2023 10:00	1439	0
656628	5/25/2023 10:00	5/25/2023 16:28	388	0
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859747	5/25/2023 10:00	5/26/2023 10:00	1439	0
1362855	5/25/2023 10:00	5/25/2023 14:41	281	0.04
705447	5/25/2023 10:00	5/26/2023 10:00	1439	0
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1190820	5/25/2023 10:00	5/26/2023 10:00	1439	0.09
587024	5/25/2023 11:02	5/26/2023 1:58	896	0
8668965	5/25/2023 11:24	5/25/2023 21:12	588	0

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1393633	5/25/2023 14:43	5/26/2023 0:28	585	0
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313954	5/25/2023 16:16	5/26/2023 0:28	492	0
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1525793	5/25/2023 16:26	5/26/2023 0:28	482	0
315604	5/25/2023 16:27	5/26/2023 0:28	481	0
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506261	5/25/2023 16:38	5/26/2023 0:28	470	0
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314564	5/25/2023 16:38	5/26/2023 0:28	470	0
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523018	5/25/2023 16:57	5/26/2023 0:36	459	0
8148103	5/25/2023 17:17	5/26/2023 0:57	460	0
316997	5/25/2023 17:26	5/26/2023 1:04	458	0
6761269	5/25/2023 17:30	5/26/2023 1:14	464	0
345647	5/25/2023 17:35	5/26/2023 1:20	465	0
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6714863	5/25/2023 18:33	5/26/2023 3:34	541	0
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8495802	5/25/2023 18:56	5/26/2023 2:37	461	0
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1432509	5/25/2023 20:59	5/26/2023 10:00	780	0
8590289	5/25/2023 21:09	5/26/2023 0:28	199	0
8668965	5/25/2023 21:12	5/26/2023 0:28	196	0
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801004	5/25/2023 21:56	5/26/2023 10:00	723	0
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793690	5/26/2023 0:28	5/26/2023 10:00	571	0
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415195	5/26/2023 0:28	5/26/2023 10:00	571	0
314564	5/26/2023 0:28	5/26/2023 10:00	571	0
1557676	5/26/2023 0:28	5/26/2023 10:00	571	0

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51483	5/26/2023 0:28	5/26/2023 10:00	571	0
1362855	5/26/2023 0:28	5/26/2023 10:00	571	0
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1394543	5/26/2023 0:28	5/26/2023 10:00	571	0
1093833	5/26/2023 0:28	5/26/2023 10:00	571	0
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313954	5/26/2023 0:28	5/26/2023 10:00	571	0
7937779	5/26/2023 0:28	5/26/2023 10:00	571	0
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8590289	5/26/2023 0:28	5/26/2023 0:29	1	0
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444600	5/26/2023 0:28	5/26/2023 10:00	571	0
8590289	5/26/2023 0:29	5/26/2023 10:00	570	0
315346	5/26/2023 0:32	5/26/2023 10:00	567	0
313011	5/26/2023 0:32	5/26/2023 10:00	567	0
523018	5/26/2023 0:36	5/26/2023 10:00	563	0
8148103	5/26/2023 0:57	5/26/2023 10:00	542	0
1270983	5/26/2023 0:58	5/26/2023 10:00	541	0
316997	5/26/2023 1:04	5/26/2023 10:00	535	0
6761269	5/26/2023 1:14	5/26/2023 10:00	525	0
345647	5/26/2023 1:20	5/26/2023 10:00	519	0
298043	5/26/2023 1:36	5/26/2023 10:00	503	0
496500	5/26/2023 1:49	5/26/2023 10:00	490	0
1020466	5/26/2023 1:53	5/26/2023 10:00	486	0
587024	5/26/2023 1:58	5/26/2023 10:00	481	0
34832	5/26/2023 2:21	5/26/2023 10:00	458	0
1985687	5/26/2023 2:29	5/26/2023 10:00	450	0
1557303	5/26/2023 2:37	5/26/2023 10:00	442	0
8495802	5/26/2023 2:37	5/26/2023 10:00	442	0
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346288	5/26/2023 2:52	5/26/2023 10:00	427	0
8668965	5/26/2023 2:52	5/26/2023 10:00	427	0
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1190820	5/26/2023 10:00	5/26/2023 14:23	263	0
415195	5/26/2023 10:00	5/27/2023 3:11	1031	0
345647	5/26/2023 10:00	5/27/2023 10:00	1439	0
316630	5/26/2023 10:00	5/26/2023 15:11	311	2.38
705447	5/26/2023 10:00	5/27/2023 10:00	1439	0
7415412	5/26/2023 10:00	5/27/2023 10:00	1439	0
25066	5/26/2023 10:00	5/27/2023 10:00	1439	0
315604	5/26/2023 10:00	5/26/2023 15:24	324	0.02
572882	5/26/2023 10:00	5/26/2023 15:19	319	3.25
8621797	5/26/2023 10:00	5/27/2023 10:00	1439	0
315346	5/26/2023 10:00	5/27/2023 10:00	1439	0.69
572790	5/26/2023 10:00	5/27/2023 10:00	1439	0.01
7533405	5/26/2023 10:00	5/26/2023 15:35	335	0.76
313954	5/26/2023 10:00	5/26/2023 14:39	279	0.16
1394543	5/26/2023 10:00	5/27/2023 10:00	1439	0
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6761269	5/26/2023 10:00	5/26/2023 14:39	279	0
314564	5/26/2023 10:00	5/26/2023 15:47	347	0
1350598	5/26/2023 10:00	5/27/2023 5:42	1182	0
1385122	5/26/2023 10:00	5/27/2023 10:00	1439	0
561672	5/26/2023 10:00	5/27/2023 10:00	1439	0
330528	5/26/2023 10:00	5/27/2023 10:00	1439	0
572990	5/26/2023 10:00	5/27/2023 10:00	1439	0
1343091	5/26/2023 10:00	5/27/2023 2:11	971	0.05
444600	5/26/2023 10:00	5/26/2023 14:39	279	0
8068454	5/26/2023 10:00	5/27/2023 10:00	1439	0
1349338	5/26/2023 10:00	5/26/2023 15:07	307	0
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298597	5/26/2023 10:00	5/27/2023 10:00	1439	0.03
313011	5/26/2023 10:00	5/26/2023 15:40	340	0
1193174	5/26/2023 10:00	5/27/2023 10:00	1439	0.14
791510	5/26/2023 10:00	5/26/2023 15:29	329	0
34832	5/26/2023 10:00	5/27/2023 10:00	1439	0.05
264186	5/26/2023 10:00	5/27/2023 10:00	1439	0
564357	5/26/2023 10:00	5/27/2023 10:00	1439	0
1362855	5/26/2023 10:00	5/27/2023 2:52	1012	0.06
51483	5/26/2023 10:00	5/26/2023 20:15	615	0.02
1525793	5/26/2023 10:00	5/26/2023 11:47	107	0
1432509	5/26/2023 10:00	5/26/2023 14:39	279	0
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6714863	5/26/2023 10:00	5/26/2023 11:16	76	0

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573677	5/26/2023 10:00	5/27/2023 10:00	1439	0
2032900	5/26/2023 10:00	5/26/2023 14:39	279	0
496500	5/26/2023 10:00	5/26/2023 12:48	168	0.93
790670	5/26/2023 10:00	5/26/2023 14:39	279	0.22
793690	5/26/2023 10:00	5/26/2023 14:39	279	0.08
313731	5/26/2023 10:00	5/26/2023 14:39	279	0
1415622	5/26/2023 10:00	5/27/2023 10:00	1439	0.01
450309	5/26/2023 10:00	5/27/2023 10:00	1439	0.11
1093833	5/26/2023 10:00	5/26/2023 14:39	279	2.37
7937779	5/26/2023 10:00	5/26/2023 15:44	344	0
315380	5/26/2023 10:00	5/27/2023 3:36	1056	0.02
316997	5/26/2023 10:00	5/26/2023 14:39	279	0
1417279	5/26/2023 10:00	5/26/2023 14:39	279	2.13
8737379	5/26/2023 10:00	5/26/2023 17:58	478	0
1557676	5/26/2023 10:00	5/27/2023 10:00	1439	0.05
523018	5/26/2023 10:00	5/27/2023 10:00	1439	0
1309098	5/26/2023 10:00	5/26/2023 14:45	285	0.09
315088	5/26/2023 10:00	5/27/2023 10:00	1439	0
8590289	5/26/2023 10:00	5/26/2023 15:50	350	0.01
801004	5/26/2023 10:08	5/27/2023 10:00	1431	0
859747	5/26/2023 10:17	5/26/2023 21:39	682	0
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266906	5/26/2023 12:04	5/26/2023 20:48	524	0.18
308032	5/26/2023 12:07	5/26/2023 20:25	498	0
1407881	5/26/2023 12:37	5/26/2023 21:19	522	0
496500	5/26/2023 12:48	5/27/2023 0:28	700	0
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1407947	5/26/2023 13:22	5/27/2023 0:28	666	0
457729	5/26/2023 13:44	5/26/2023 20:02	378	0
1321605	5/26/2023 13:48	5/26/2023 22:06	498	0.22
444185	5/26/2023 13:51	5/27/2023 0:28	637	0.16
1190820	5/26/2023 14:23	5/27/2023 0:28	605	0.09
1408176	5/26/2023 14:39	5/27/2023 2:53	734	0
1417279	5/26/2023 14:39	5/26/2023 21:40	421	0.02
1093833	5/26/2023 14:39	5/27/2023 0:28	589	0

790670	5/26/2023 14:39	5/26/2023 22:07	448	0
9060925	5/26/2023 14:39	5/27/2023 5:58	919	0
1321750	5/26/2023 14:39	5/27/2023 10:00	1160	0
793690	5/26/2023 14:39	5/27/2023 0:28	589	0
313731	5/26/2023 14:39	5/27/2023 6:02	923	0
6761269	5/26/2023 14:39	5/27/2023 0:28	589	0
587455	5/26/2023 14:39	5/27/2023 5:54	915	0
8717997	5/26/2023 14:39	5/27/2023 0:28	589	0
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1390184	5/26/2023 14:39	5/27/2023 0:28	589	0
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506261	5/26/2023 14:39	5/27/2023 0:28	589	0.02
444600	5/26/2023 14:39	5/27/2023 0:28	589	0
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316997	5/26/2023 14:39	5/27/2023 0:28	589	0.5
313954	5/26/2023 14:39	5/27/2023 3:32	773	0
315345	5/26/2023 14:39	5/27/2023 0:28	589	0
507365	5/26/2023 14:43	5/26/2023 22:20	457	0
1309098	5/26/2023 14:45	5/27/2023 0:28	583	0.04
1434359	5/26/2023 14:51	5/26/2023 15:01	10	0
8104722	5/26/2023 14:58	5/27/2023 0:28	570	0
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316630	5/26/2023 15:11	5/27/2023 0:28	557	0
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315604	5/26/2023 15:24	5/27/2023 0:28	544	0
8206792	5/26/2023 15:24	5/27/2023 0:28	544	0
323747	5/26/2023 15:27	5/27/2023 0:28	541	0
791510	5/26/2023 15:29	5/27/2023 0:28	539	0
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793638	5/26/2023 15:34	5/27/2023 0:28	534	0
7533405	5/26/2023 15:35	5/27/2023 0:28	533	0
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7937779	5/26/2023 15:44	5/27/2023 0:28	524	0
314564	5/26/2023 15:47	5/27/2023 0:28	521	0
8590289	5/26/2023 15:50	5/26/2023 21:30	340	0
1619720	5/26/2023 16:09	5/27/2023 0:28	499	0
8148103	5/26/2023 16:22	5/27/2023 0:28	486	0
298846	5/26/2023 16:58	5/26/2023 21:02	244	0
1434316	5/26/2023 16:59	5/27/2023 10:00	1020	0
1557303	5/26/2023 17:38	5/26/2023 17:58	20	0

1985687	5/26/2023 17:48	5/27/2023 3:19	571	0
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8737379	5/26/2023 17:58	5/27/2023 1:38	460	0
1557303	5/26/2023 17:58	5/27/2023 1:36	458	0
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7607485	5/26/2023 18:10	5/27/2023 1:44	454	0
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396857	5/26/2023 18:59	5/27/2023 10:00	900	0
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298846	5/26/2023 21:02	5/27/2023 0:28	206	0
1407881	5/26/2023 21:19	5/27/2023 10:00	760	0
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1350597	5/26/2023 21:43	5/27/2023 10:00	736	0
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1321605	5/26/2023 22:06	5/27/2023 10:00	713	0
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454861	5/26/2023 22:41	5/27/2023 0:28	107	0
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8148103	5/27/2023 0:28	5/27/2023 10:00	571	0
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316630	5/27/2023 0:28	5/27/2023 10:00	571	0
8590289	5/27/2023 0:28	5/27/2023 4:30	242	0
1538577	5/27/2023 0:28	5/27/2023 10:00	571	0

1190820	5/27/2023 0:28	5/27/2023 10:00	571	0
8206792	5/27/2023 0:28	5/27/2023 10:00	571	0
316997	5/27/2023 0:28	5/27/2023 10:00	571	0
313011	5/27/2023 0:28	5/27/2023 10:00	571	0
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323747	5/27/2023 0:28	5/27/2023 10:00	571	0
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1539391	5/27/2023 0:28	5/27/2023 10:00	571	0
1619720	5/27/2023 0:28	5/27/2023 10:00	571	0
6761269	5/27/2023 0:28	5/27/2023 10:00	571	0
1309098	5/27/2023 0:28	5/27/2023 10:00	571	0
266906	5/27/2023 0:28	5/27/2023 4:29	241	0
265473	5/27/2023 0:28	5/27/2023 10:00	571	0
1407947	5/27/2023 0:28	5/27/2023 5:59	331	0
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7533405	5/27/2023 0:28	5/27/2023 10:00	571	0
6168330	5/27/2023 0:28	5/27/2023 10:00	571	0
314564	5/27/2023 0:28	5/27/2023 10:00	571	0
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315345	5/27/2023 0:28	5/27/2023 10:00	571	0
444185	5/27/2023 0:28	5/27/2023 10:00	571	0
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51483	5/27/2023 0:28	5/27/2023 2:55	147	0
454861	5/27/2023 0:41	5/27/2023 10:00	558	0
298846	5/27/2023 0:42	5/27/2023 10:00	557	0
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8737379	5/27/2023 1:38	5/27/2023 10:00	501	0
317126	5/27/2023 1:39	5/27/2023 10:00	500	0
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1408176	5/27/2023 2:53	5/27/2023 10:00	426	0
51483	5/27/2023 2:55	5/27/2023 10:00	424	0
1362855	5/27/2023 3:00	5/27/2023 5:00	120	0
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188639	5/27/2023 3:14	5/27/2023 10:00	405	0
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8590289	5/27/2023 4:30	5/27/2023 10:00	329	0
1362855	5/27/2023 5:00	5/27/2023 10:00	299	0
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1350598	5/27/2023 5:42	5/27/2023 10:00	257	0
324290	5/27/2023 5:52	5/27/2023 10:00	247	0
1557188	5/27/2023 5:54	5/27/2023 10:00	245	0
587455	5/27/2023 5:54	5/27/2023 10:00	245	0
9060925	5/27/2023 5:58	5/27/2023 10:00	241	0
1407947	5/27/2023 5:59	5/27/2023 7:19	80	0
313731	5/27/2023 6:02	5/27/2023 10:00	237	0
1407947	5/27/2023 7:19	5/27/2023 7:29	10	0
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637185	5/27/2023 10:00	5/28/2023 10:00	1439	0
308032	5/27/2023 10:00	5/28/2023 10:00	1439	0.15
298846	5/27/2023 10:00	5/28/2023 10:00	1439	0
265473	5/27/2023 10:00	5/27/2023 14:35	275	0
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317126	5/27/2023 10:00	5/28/2023 10:00	1439	0
444185	5/27/2023 10:00	5/28/2023 10:00	1439	0.24
1619720	5/27/2023 10:00	5/28/2023 10:00	1439	0
1362130	5/27/2023 10:00	5/28/2023 10:00	1439	0
9060925	5/27/2023 10:00	5/28/2023 10:00	1439	0
264186	5/27/2023 10:00	5/28/2023 10:00	1439	0
1393633	5/27/2023 10:00	5/27/2023 14:34	274	0
314564	5/27/2023 10:00	5/27/2023 14:46	286	0
1093833	5/27/2023 10:00	5/27/2023 13:26	206	0.08
8104722	5/27/2023 10:00	5/28/2023 10:00	1439	0
1557303	5/27/2023 10:00	5/27/2023 16:44	404	0
6168330	5/27/2023 10:00	5/28/2023 10:00	1439	0
564357	5/27/2023 10:00	5/28/2023 10:00	1439	0
572882	5/27/2023 10:00	5/27/2023 14:20	260	0

1538577	5/27/2023 10:00	5/27/2023 14:23	263	0
8590289	5/27/2023 10:00	5/28/2023 10:00	1439	0
1309098	5/27/2023 10:00	5/27/2023 12:04	124	0
23566	5/27/2023 10:00	5/28/2023 10:00	1439	0
316997	5/27/2023 10:00	5/28/2023 10:00	1439	0.02
444600	5/27/2023 10:00	5/28/2023 10:00	1439	0
656628	5/27/2023 10:00	5/27/2023 17:24	444	0
330528	5/27/2023 10:00	5/28/2023 10:00	1439	0
7937779	5/27/2023 10:00	5/28/2023 10:00	1439	0
564518	5/27/2023 10:00	5/27/2023 14:09	249	0
8737379	5/27/2023 10:00	5/28/2023 10:00	1439	0
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396857	5/27/2023 10:00	5/27/2023 11:09	69	0
1407947	5/27/2023 10:00	5/27/2023 13:39	219	0
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705447	5/27/2023 10:00	5/28/2023 10:00	1439	0
8148103	5/27/2023 10:00	5/28/2023 10:00	1439	0.04
7533405	5/27/2023 10:00	5/27/2023 14:33	273	0
793638	5/27/2023 10:00	5/28/2023 10:00	1439	2.65
1557188	5/27/2023 10:00	5/28/2023 10:00	1439	0
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454861	5/27/2023 10:00	5/28/2023 10:00	1439	0
1351069	5/27/2023 10:00	5/28/2023 10:00	1439	0
1321750	5/27/2023 10:00	5/28/2023 10:00	1439	0.15
46184	5/27/2023 10:00	5/28/2023 10:00	1439	0
1539391	5/27/2023 10:00	5/28/2023 10:00	1439	0
496500	5/27/2023 10:00	5/27/2023 13:27	207	0
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1525793	5/27/2023 10:00	5/28/2023 10:00	1439	0
7607485	5/27/2023 10:00	5/28/2023 10:00	1439	0
313011	5/27/2023 10:00	5/27/2023 15:23	323	0
1190820	5/27/2023 10:00	5/27/2023 14:45	285	0
1407881	5/27/2023 10:00	5/28/2023 10:00	1439	0
313954	5/27/2023 10:00	5/28/2023 0:28	868	0.12
1349766	5/27/2023 10:00	5/28/2023 10:00	1439	0.29
315380	5/27/2023 10:00	5/28/2023 2:30	990	0.27
790670	5/27/2023 10:00	5/27/2023 11:02	62	0
1430553	5/27/2023 10:00	5/27/2023 13:01	181	0
6761269	5/27/2023 10:00	5/28/2023 10:00	1439	0
2032900	5/27/2023 10:00	5/27/2023 13:44	224	0
587455	5/27/2023 10:00	5/28/2023 10:00	1439	0
315345	5/27/2023 10:00	5/27/2023 13:18	198	0.2
1390184	5/27/2023 10:00	5/28/2023 10:00	1439	0

506261	5/27/2023 10:00	5/28/2023 10:00	1439	0.01
8387677	5/27/2023 10:00	5/28/2023 10:00	1439	0
313731	5/27/2023 10:00	5/28/2023 0:39	879	0
6714863	5/27/2023 10:00	5/27/2023 13:39	219	0
316630	5/27/2023 10:00	5/28/2023 3:12	1032	0.04
8206792	5/27/2023 10:00	5/28/2023 10:00	1439	0
791510	5/27/2023 10:00	5/27/2023 14:35	275	0
587024	5/27/2023 10:00	5/27/2023 11:15	75	0
457729	5/27/2023 10:00	5/28/2023 0:32	872	0
315604	5/27/2023 10:00	5/27/2023 18:57	537	0.02
325050	5/27/2023 10:00	5/27/2023 14:12	252	0
1362855	5/27/2023 10:00	5/28/2023 10:00	1439	0
1557676	5/27/2023 10:00	5/28/2023 10:00	1439	0.01
1394543	5/27/2023 10:00	5/28/2023 10:00	1439	0
324290	5/27/2023 10:00	5/27/2023 13:30	210	0
507365	5/27/2023 10:00	5/28/2023 10:00	1439	0
563721	5/27/2023 10:06	5/27/2023 11:02	56	0
1417279	5/27/2023 10:10	5/28/2023 10:00	1429	0
1350598	5/27/2023 10:12	5/28/2023 10:00	1427	0
1347888	5/27/2023 10:15	5/28/2023 10:00	1424	0
1350597	5/27/2023 10:16	5/28/2023 10:00	1423	0
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573677	5/27/2023 10:21	5/28/2023 10:00	1418	0
859747	5/27/2023 10:34	5/28/2023 10:00	1405	0
1321605	5/27/2023 10:36	5/28/2023 10:00	1403	1.12
8717997	5/27/2023 10:40	5/28/2023 10:00	1399	0
790670	5/27/2023 11:02	5/27/2023 11:19	17	0.04
563721	5/27/2023 11:02	5/27/2023 21:41	639	0
396857	5/27/2023 11:09	5/27/2023 16:52	343	0
587024	5/27/2023 11:15	5/28/2023 0:48	813	0
553863	5/27/2023 11:18	5/27/2023 23:22	724	0
790670	5/27/2023 11:19	5/27/2023 13:22	123	0
1434316	5/27/2023 11:23	5/27/2023 11:31	8	0
1434316	5/27/2023 11:31	5/27/2023 14:59	208	0
1309098	5/27/2023 12:04	5/28/2023 2:43	879	0
1430553	5/27/2023 13:01	5/28/2023 4:13	912	0
315345	5/27/2023 13:18	5/28/2023 0:28	670	0
790670	5/27/2023 13:22	5/27/2023 21:05	463	0
315346	5/27/2023 13:26	5/28/2023 0:28	662	0
1093833	5/27/2023 13:26	5/28/2023 4:45	919	0
496500	5/27/2023 13:27	5/28/2023 4:43	916	0
324290	5/27/2023 13:30	5/27/2023 20:29	419	0
8068454	5/27/2023 13:33	5/28/2023 0:28	655	0
558031	5/27/2023 13:35	5/28/2023 4:45	910	0
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1407947	5/27/2023 13:39	5/28/2023 10:00	1220	0
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315604	5/27/2023 18:57	5/28/2023 2:36	459	0
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572916	5/28/2023 0:28	5/28/2023 10:00	571	0
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791510	5/28/2023 0:28	5/28/2023 10:00	571	0
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1511264	5/28/2023 0:51	5/28/2023 10:00	548	0
456099	5/28/2023 0:56	5/28/2023 10:00	543	0
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808384	5/28/2023 4:45	5/28/2023 10:00	314	0

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1093833	5/28/2023 4:45	5/28/2023 10:00	314	0
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323747	5/28/2023 5:27	5/28/2023 10:00	272	0
1538577	5/28/2023 5:33	5/28/2023 10:00	266	0
535845	5/28/2023 6:50	5/28/2023 10:00	189	0
1393633	5/28/2023 10:00	5/29/2023 10:00	1439	0
561757	5/28/2023 10:00	5/29/2023 10:00	1439	0
315345	5/28/2023 10:00	5/28/2023 15:07	307	0.15
1434359	5/28/2023 10:00	5/28/2023 14:27	267	0
1557303	5/28/2023 10:00	5/29/2023 10:00	1439	0
316630	5/28/2023 10:00	5/28/2023 23:09	789	0.59
801004	5/28/2023 10:00	5/28/2023 23:47	827	0
8068454	5/28/2023 10:00	5/29/2023 10:00	1439	0
7533405	5/28/2023 10:00	5/28/2023 13:12	192	0
457729	5/28/2023 10:00	5/28/2023 22:45	765	0
564518	5/28/2023 10:00	5/28/2023 13:14	194	0
535845	5/28/2023 10:00	5/29/2023 10:00	1439	0.01
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315346	5/28/2023 10:00	5/29/2023 10:00	1439	0.13
6714863	5/28/2023 10:00	5/29/2023 3:52	1072	0
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323747	5/28/2023 10:00	5/29/2023 10:00	1439	0
2032900	5/28/2023 10:00	5/28/2023 23:42	822	0
1430553	5/28/2023 10:00	5/28/2023 11:56	116	0
564357	5/28/2023 10:00	5/29/2023 10:00	1439	0
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313954	5/28/2023 10:00	5/29/2023 10:00	1439	0.02
656628	5/28/2023 10:00	5/28/2023 12:08	128	0.4
705447	5/28/2023 10:00	5/29/2023 10:00	1439	0
325050	5/28/2023 10:00	5/28/2023 13:12	192	0
1518507	5/28/2023 10:00	5/29/2023 10:00	1439	0.09
1434316	5/28/2023 10:00	5/28/2023 12:43	163	0.65
324290	5/28/2023 10:00	5/28/2023 17:03	423	0
1511251	5/28/2023 10:00	5/29/2023 10:00	1439	0
587024	5/28/2023 10:00	5/29/2023 10:00	1439	0
313731	5/28/2023 10:00	5/29/2023 10:00	1439	0
456099	5/28/2023 10:00	5/28/2023 15:22	322	0.08
1356945	5/28/2023 10:00	5/28/2023 22:17	737	0

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415949	5/28/2023 10:00	5/29/2023 10:00	1439	0
1309098	5/28/2023 10:00	5/28/2023 11:03	63	0.08
810130	5/28/2023 10:00	5/28/2023 15:56	356	0
313011	5/28/2023 10:00	5/29/2023 10:00	1439	0
264186	5/28/2023 10:00	5/29/2023 10:00	1439	0
315604	5/28/2023 10:00	5/28/2023 17:07	427	0
808384	5/28/2023 10:00	5/28/2023 23:43	823	0
791510	5/28/2023 10:00	5/29/2023 10:00	1439	0
1394543	5/28/2023 10:00	5/29/2023 10:00	1439	0
1573666	5/28/2023 10:00	5/28/2023 16:51	411	0
572882	5/28/2023 10:00	5/29/2023 10:00	1439	0
396857	5/28/2023 10:00	5/28/2023 11:53	113	0
1547843	5/28/2023 10:00	5/29/2023 10:00	1439	0
637185	5/28/2023 10:00	5/29/2023 10:00	1439	0
572916	5/28/2023 10:00	5/29/2023 10:00	1439	0.01
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793690	5/28/2023 10:00	5/29/2023 10:00	1439	0
265473	5/28/2023 10:00	5/28/2023 13:36	216	0
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1309098	5/28/2023 11:03	5/28/2023 20:22	559	0.67
563721	5/28/2023 11:45	5/28/2023 23:29	704	0.01
396857	5/28/2023 11:53	5/28/2023 23:52	719	0
496500	5/28/2023 11:55	5/28/2023 22:04	609	0
1430553	5/28/2023 11:56	5/28/2023 22:40	644	0.18
656628	5/28/2023 12:08	5/28/2023 12:26	18	0.17
558031	5/28/2023 12:15	5/28/2023 22:18	603	0
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790670	5/28/2023 12:29	5/28/2023 20:08	459	0
1586005	5/28/2023 12:30	5/28/2023 20:09	459	0
316997	5/28/2023 12:40	5/28/2023 21:59	559	0.02
1434316	5/28/2023 12:43	5/28/2023 12:46	3	0.06
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325050	5/28/2023 13:12	5/28/2023 20:52	460	0
7533405	5/28/2023 13:12	5/28/2023 20:55	463	0
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160073	5/28/2023 13:14	5/28/2023 20:54	460	0
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265473	5/28/2023 13:36	5/29/2023 0:28	652	0
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1190820	5/28/2023 14:25	5/28/2023 14:36	11	0

1434359	5/28/2023 14:27	5/28/2023 14:46	19	0
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1434359	5/28/2023 14:46	5/28/2023 15:07	21	0
8668965	5/28/2023 14:51	5/28/2023 22:25	454	0
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456099	5/28/2023 15:26	5/28/2023 16:22	56	0.09
49209	5/28/2023 15:40	5/28/2023 22:24	404	0
23566	5/28/2023 15:40	5/28/2023 23:03	443	0
791361	5/28/2023 15:47	5/28/2023 23:23	456	0
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8621797	5/28/2023 17:00	5/28/2023 22:51	351	0
51483	5/28/2023 17:02	5/28/2023 23:01	359	0
324290	5/28/2023 17:03	5/28/2023 17:09	6	0
1190820	5/28/2023 17:05	5/28/2023 20:25	200	0
315604	5/28/2023 17:07	5/28/2023 17:10	3	0
324290	5/28/2023 17:09	5/28/2023 17:43	34	0
315604	5/28/2023 17:10	5/28/2023 17:47	37	0
1573666	5/28/2023 17:10	5/28/2023 17:11	1	0
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25066	5/28/2023 17:40	5/29/2023 0:28	408	0
324290	5/28/2023 17:43	5/28/2023 23:01	318	0
315604	5/28/2023 17:47	5/28/2023 23:00	313	0
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790670	5/28/2023 20:08	5/29/2023 10:00	831	0
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1363415	5/28/2023 20:16	5/28/2023 22:42	146	0
1309098	5/28/2023 20:22	5/29/2023 10:00	817	0
1190820	5/28/2023 20:25	5/29/2023 0:28	243	0
325050	5/28/2023 20:52	5/29/2023 10:00	787	0
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160073	5/28/2023 20:54	5/29/2023 10:00	785	0
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7533405	5/28/2023 20:55	5/29/2023 10:00	784	0

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808829	5/28/2023 21:47	5/29/2023 0:02	135	0
316997	5/28/2023 21:59	5/29/2023 0:28	149	0
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496500	5/28/2023 22:04	5/29/2023 10:00	715	0
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49209	5/28/2023 22:24	5/29/2023 10:00	695	0
8668965	5/28/2023 22:25	5/29/2023 10:00	694	0
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1430553	5/28/2023 22:40	5/29/2023 0:28	108	0
1363415	5/28/2023 22:42	5/29/2023 0:28	106	0
8104722	5/28/2023 22:45	5/29/2023 0:28	103	0
457729	5/28/2023 22:45	5/29/2023 0:28	103	0
1573666	5/28/2023 22:50	5/29/2023 0:28	98	0
8621797	5/28/2023 22:51	5/29/2023 10:00	668	0
315604	5/28/2023 23:00	5/29/2023 0:28	88	0
51483	5/28/2023 23:01	5/29/2023 0:28	87	0
324290	5/28/2023 23:01	5/29/2023 0:28	87	0
23566	5/28/2023 23:03	5/29/2023 10:00	656	0
315380	5/28/2023 23:09	5/29/2023 10:00	650	0
316630	5/28/2023 23:09	5/29/2023 0:28	79	0
266906	5/28/2023 23:10	5/29/2023 0:28	78	0
8387677	5/28/2023 23:10	5/29/2023 10:00	649	0
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791361	5/28/2023 23:23	5/29/2023 10:00	636	0
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1350598	5/28/2023 23:34	5/29/2023 0:28	54	0
2032900	5/28/2023 23:42	5/29/2023 0:28	46	0
808384	5/28/2023 23:43	5/29/2023 0:28	45	0
656628	5/28/2023 23:46	5/29/2023 10:00	613	0
801004	5/28/2023 23:47	5/29/2023 0:28	41	0
396857	5/28/2023 23:52	5/29/2023 0:28	36	0
1434316	5/29/2023 0:01	5/29/2023 0:28	27	0
808829	5/29/2023 0:02	5/29/2023 0:28	26	0
808829	5/29/2023 0:28	5/29/2023 5:22	294	0
51483	5/29/2023 0:28	5/29/2023 1:41	73	0
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1434359	5/29/2023 0:28	5/29/2023 10:00	571	0
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2032900	5/29/2023 0:28	5/29/2023 4:02	214	0

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265473	5/29/2023 0:28	5/29/2023 10:00	571	0
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1573666	5/29/2023 0:28	5/29/2023 0:50	22	0
25066	5/29/2023 0:28	5/29/2023 10:00	571	0
801004	5/29/2023 0:28	5/29/2023 3:47	199	0
1363415	5/29/2023 0:28	5/29/2023 4:02	214	0
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324290	5/29/2023 1:22	5/29/2023 10:00	517	0
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1362855	5/29/2023 2:49	5/29/2023 5:02	133	0
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46184	5/29/2023 10:00	5/30/2023 10:00	1439	0
808384	5/29/2023 10:00	5/29/2023 23:50	830	0
316630	5/29/2023 10:00	5/30/2023 10:00	1439	0.01
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801004	5/29/2023 10:00	5/30/2023 10:00	1439	0
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160073	5/29/2023 10:00	5/29/2023 12:19	139	0
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637185	5/29/2023 10:00	5/30/2023 10:00	1439	0
1434359	5/29/2023 10:00	5/30/2023 10:00	1439	0
1362855	5/29/2023 10:00	5/29/2023 13:35	215	0
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563721	5/29/2023 10:00	5/29/2023 16:55	415	0.02
564518	5/29/2023 10:00	5/30/2023 10:00	1439	0
1190820	5/29/2023 10:00	5/29/2023 14:25	265	0
705447	5/29/2023 10:00	5/30/2023 10:00	1439	0
265473	5/29/2023 10:00	5/30/2023 10:00	1439	0
808829	5/29/2023 10:00	5/29/2023 12:00	120	0

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1309098	5/29/2023 10:00	5/29/2023 13:04	184	2.31
1469225	5/29/2023 10:00	5/30/2023 10:00	1439	0
315345	5/29/2023 10:00	5/29/2023 14:57	297	3.26
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304345	5/29/2023 10:17	5/30/2023 10:00	1422	0
316997	5/29/2023 10:19	5/29/2023 11:21	62	0
507365	5/29/2023 10:20	5/30/2023 0:20	840	0
315346	5/29/2023 10:23	5/29/2023 22:41	738	0.08
1356945	5/29/2023 10:27	5/30/2023 10:00	1412	0
6714863	5/29/2023 10:31	5/30/2023 0:28	837	0.07
793690	5/29/2023 10:38	5/29/2023 22:37	719	0
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8148103	5/29/2023 11:05	5/29/2023 13:29	144	0.88
1464949	5/29/2023 11:06	5/29/2023 23:04	718	0
1586005	5/29/2023 11:08	5/29/2023 11:14	6	0
1539391	5/29/2023 11:09	5/29/2023 22:49	700	0
8387677	5/29/2023 11:11	5/29/2023 11:20	9	0
1301093	5/29/2023 11:12	5/29/2023 22:50	698	0
51483	5/29/2023 11:13	5/29/2023 16:56	343	0.47
1586005	5/29/2023 11:14	5/29/2023 11:28	14	0
656628	5/29/2023 11:14	5/29/2023 23:31	737	0.31
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1432509	5/29/2023 11:18	5/29/2023 23:36	738	0
8387677	5/29/2023 11:20	5/29/2023 13:45	145	0.12
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1093833	5/29/2023 11:23	5/29/2023 22:07	644	0.22
1407881	5/29/2023 11:28	5/29/2023 23:26	718	0
1586005	5/29/2023 11:28	5/29/2023 23:07	699	0
8734029	5/29/2023 11:30	5/29/2023 23:33	723	0
1407947	5/29/2023 11:31	5/29/2023 22:32	661	0
496500	5/29/2023 11:32	5/29/2023 22:13	641	0
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581074	5/29/2023 11:33	5/29/2023 23:56	743	0
8668965	5/29/2023 11:37	5/29/2023 11:40	3	0
8668965	5/29/2023 11:40	5/29/2023 13:37	117	0
989442	5/29/2023 11:41	5/30/2023 0:24	763	0
1700586	5/29/2023 11:43	5/29/2023 23:44	721	0
2032900	5/29/2023 11:44	5/30/2023 0:02	738	0
1363415	5/29/2023 11:44	5/29/2023 23:02	678	0
1321605	5/29/2023 11:51	5/29/2023 20:49	538	0
810130	5/29/2023 11:56	5/29/2023 11:59	3	0
810130	5/29/2023 11:59	5/29/2023 14:36	157	0
808829	5/29/2023 12:00	5/29/2023 12:16	16	0
990897	5/29/2023 12:05	5/30/2023 0:04	719	0

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808829	5/29/2023 12:16	5/29/2023 13:00	44	0
790670	5/29/2023 12:17	5/29/2023 15:48	211	0
160073	5/29/2023 12:19	5/29/2023 22:39	620	0
324045	5/29/2023 12:41	5/29/2023 16:29	228	0.04
954637	5/29/2023 12:52	5/29/2023 22:15	563	0
7533405	5/29/2023 12:59	5/29/2023 20:32	453	0.15
808829	5/29/2023 13:00	5/30/2023 0:04	664	0
1309098	5/29/2023 13:04	5/29/2023 20:23	439	1.39
1309133	5/29/2023 13:06	5/30/2023 10:00	1253	0
311724	5/29/2023 13:15	5/29/2023 22:34	559	0
8148103	5/29/2023 13:29	5/29/2023 17:04	215	0.02
1362855	5/29/2023 13:35	5/30/2023 2:33	778	0
8668965	5/29/2023 13:37	5/29/2023 21:16	459	0.06
8387677	5/29/2023 13:45	5/29/2023 22:11	506	0.1
1538577	5/29/2023 14:05	5/29/2023 21:45	460	0
535845	5/29/2023 14:13	5/29/2023 22:19	486	0.02
1190820	5/29/2023 14:25	5/29/2023 14:36	11	0
1321663	5/29/2023 14:28	5/30/2023 0:28	600	0.15
1320845	5/29/2023 14:34	5/30/2023 0:28	594	0.07
810130	5/29/2023 14:36	5/29/2023 23:54	558	0
1190820	5/29/2023 14:36	5/29/2023 16:05	89	0
49209	5/29/2023 14:50	5/29/2023 22:35	465	0
315345	5/29/2023 14:57	5/29/2023 15:14	17	0
315345	5/29/2023 15:14	5/29/2023 15:17	3	0
315345	5/29/2023 15:17	5/29/2023 21:01	344	0
790670	5/29/2023 15:48	5/29/2023 23:26	458	0
1349338	5/29/2023 15:53	5/29/2023 23:37	464	0
309961	5/29/2023 15:58	5/29/2023 23:16	438	0
989956	5/29/2023 16:04	5/30/2023 1:04	540	0
1190820	5/29/2023 16:05	5/29/2023 20:25	260	0
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299676	5/29/2023 16:36	5/29/2023 22:52	376	0
324045	5/29/2023 16:44	5/29/2023 20:09	205	0
1368745	5/29/2023 16:52	5/29/2023 22:52	360	0
563721	5/29/2023 16:55	5/29/2023 23:32	397	0
51483	5/29/2023 16:56	5/29/2023 23:14	378	0
583848	5/29/2023 17:01	5/29/2023 23:05	364	0
8148103	5/29/2023 17:04	5/29/2023 17:10	6	0
8148103	5/29/2023 17:10	5/29/2023 21:04	234	0
1600016	5/29/2023 17:13	5/29/2023 23:01	348	0
1619720	5/29/2023 17:22	5/29/2023 23:20	358	0
1702895	5/29/2023 17:48	5/29/2023 23:38	350	0
1518241	5/29/2023 18:20	5/30/2023 0:14	354	0

324045	5/29/2023 20:09	5/30/2023 10:00	830	0
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1190820	5/29/2023 20:25	5/30/2023 10:00	814	0
7533405	5/29/2023 20:32	5/30/2023 10:00	807	0
1321605	5/29/2023 20:49	5/30/2023 10:00	790	0
315345	5/29/2023 21:01	5/30/2023 10:00	778	0
8148103	5/29/2023 21:04	5/30/2023 10:00	775	0
8668965	5/29/2023 21:16	5/30/2023 10:00	763	0
617514	5/29/2023 21:19	5/30/2023 10:00	760	0
1538577	5/29/2023 21:45	5/30/2023 10:00	734	0
316997	5/29/2023 22:04	5/30/2023 0:28	144	0
1093833	5/29/2023 22:07	5/30/2023 0:28	141	0
8387677	5/29/2023 22:11	5/30/2023 10:00	708	0
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311724	5/29/2023 22:34	5/30/2023 0:28	114	0
49209	5/29/2023 22:35	5/30/2023 10:00	684	0
793690	5/29/2023 22:37	5/30/2023 0:28	111	0
160073	5/29/2023 22:39	5/30/2023 0:28	109	0
315346	5/29/2023 22:41	5/30/2023 0:28	107	0
1539391	5/29/2023 22:49	5/30/2023 0:28	99	0
1301093	5/29/2023 22:50	5/30/2023 0:28	98	0
299676	5/29/2023 22:52	5/30/2023 10:00	667	0
1368745	5/29/2023 22:52	5/30/2023 0:28	96	0
1430553	5/29/2023 22:58	5/30/2023 0:28	90	0
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1363415	5/29/2023 23:02	5/30/2023 0:28	86	0
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583848	5/29/2023 23:05	5/30/2023 0:28	83	0
1586005	5/29/2023 23:07	5/30/2023 0:28	81	0
51483	5/29/2023 23:14	5/30/2023 0:28	74	0
309961	5/29/2023 23:16	5/30/2023 10:00	643	0
1619720	5/29/2023 23:20	5/30/2023 0:28	68	0
1407881	5/29/2023 23:26	5/30/2023 0:28	62	0
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656628	5/29/2023 23:31	5/30/2023 10:00	628	0
563721	5/29/2023 23:32	5/30/2023 0:28	56	0
8734029	5/29/2023 23:33	5/30/2023 0:28	55	0
1432509	5/29/2023 23:36	5/30/2023 0:28	52	0
1349338	5/29/2023 23:37	5/30/2023 10:00	622	0
1350598	5/29/2023 23:38	5/30/2023 0:28	50	0
1702895	5/29/2023 23:38	5/30/2023 0:28	50	0
772378	5/29/2023 23:39	5/30/2023 0:28	49	0
1700586	5/29/2023 23:44	5/30/2023 0:28	44	0

808384	5/29/2023 23:50	5/30/2023 0:28	38	0
810130	5/29/2023 23:54	5/30/2023 0:28	34	0
581074	5/29/2023 23:56	5/30/2023 0:28	32	0
2032900	5/30/2023 0:02	5/30/2023 0:28	26	0
990897	5/30/2023 0:04	5/30/2023 0:28	24	0
808829	5/30/2023 0:04	5/30/2023 0:28	24	0
1518241	5/30/2023 0:14	5/30/2023 0:28	14	0
507365	5/30/2023 0:20	5/30/2023 0:28	8	0
989442	5/30/2023 0:24	5/30/2023 0:28	4	0
1407881	5/30/2023 0:28	5/30/2023 3:05	157	0
160073	5/30/2023 0:28	5/30/2023 3:39	191	0
496500	5/30/2023 0:28	5/30/2023 3:53	205	0
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581074	5/30/2023 0:28	5/30/2023 3:36	188	0
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315346	5/30/2023 0:28	5/30/2023 2:41	133	0
1321663	5/30/2023 0:28	5/30/2023 10:00	571	0
311724	5/30/2023 0:28	5/30/2023 4:34	246	0
808384	5/30/2023 0:28	5/30/2023 1:50	82	0
793690	5/30/2023 0:28	5/30/2023 2:37	129	0
1093833	5/30/2023 0:28	5/30/2023 2:47	139	0
989442	5/30/2023 0:28	5/30/2023 2:06	98	0
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1363415	5/30/2023 0:28	5/30/2023 3:02	154	0
1301093	5/30/2023 0:28	5/30/2023 2:30	122	0
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1539391	5/30/2023 0:28	5/30/2023 2:29	121	0
1320845	5/30/2023 0:28	5/30/2023 10:00	571	0
1600016	5/30/2023 0:28	5/30/2023 0:41	13	0
990897	5/30/2023 0:28	5/30/2023 2:07	99	0
808829	5/30/2023 0:28	5/30/2023 4:24	236	0
583848	5/30/2023 0:28	5/30/2023 5:05	277	0
507365	5/30/2023 0:28	5/30/2023 3:13	165	0
313770	5/30/2023 0:28	5/30/2023 2:13	105	0
1464949	5/30/2023 0:28	5/30/2023 3:04	156	0
1432509	5/30/2023 0:28	5/30/2023 0:36	8	0
1518241	5/30/2023 0:28	5/30/2023 2:54	146	0
772378	5/30/2023 0:28	5/30/2023 2:59	151	0
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160073	5/30/2023 10:00	5/30/2023 11:19	79	0
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46184	5/30/2023 10:00	5/31/2023 10:00	1439	0
315345	5/30/2023 10:00	5/30/2023 14:09	249	0.3
808384	5/30/2023 10:00	5/31/2023 10:00	1439	0
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564357	5/30/2023 10:00	5/31/2023 10:00	1439	0
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705447	5/30/2023 10:00	5/31/2023 10:00	1439	0
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1700586	5/30/2023 10:00	5/30/2023 11:56	116	0
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160073	5/30/2023 11:19	5/30/2023 22:39	680	0
265473	5/30/2023 11:20	5/30/2023 11:40	20	0
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314564	5/30/2023 11:22	5/30/2023 23:26	724	0
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8495802	5/30/2023 11:23	5/30/2023 20:47	564	0
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496500	5/30/2023 11:25	5/30/2023 22:09	644	0
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1511251	5/30/2023 11:30	5/30/2023 21:28	598	0
346288	5/30/2023 11:36	5/30/2023 22:34	658	0
1432509	5/30/2023 11:36	5/30/2023 11:47	11	0

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265473	5/30/2023 11:40	5/30/2023 20:58	558	0
563721	5/30/2023 11:43	5/30/2023 11:58	15	0.2
1432509	5/30/2023 11:47	5/30/2023 13:32	105	0
7533405	5/30/2023 11:49	5/30/2023 22:47	658	0.74
1299402	5/30/2023 11:52	5/30/2023 20:51	539	0
1700586	5/30/2023 11:56	5/30/2023 12:04	8	0
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1700586	5/30/2023 12:04	5/30/2023 16:36	272	0
2032900	5/30/2023 12:04	5/30/2023 12:14	10	0
990897	5/30/2023 12:08	5/30/2023 12:23	15	0.18
656628	5/30/2023 12:11	5/30/2023 12:23	12	0.16
313954	5/30/2023 12:14	5/30/2023 23:12	658	0
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990897	5/30/2023 12:23	5/30/2023 12:48	25	0
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989442	5/30/2023 12:29	5/30/2023 12:34	5	0
989442	5/30/2023 12:34	5/30/2023 12:49	15	0
990897	5/30/2023 12:48	5/30/2023 20:56	488	0
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1309098	5/30/2023 13:00	5/30/2023 20:37	457	0.9
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315345	5/30/2023 14:09	5/30/2023 21:09	420	0
1511264	5/30/2023 14:09	5/30/2023 21:47	458	0
9063373	5/30/2023 14:20	5/30/2023 23:44	564	0
301691	5/30/2023 14:22	5/30/2023 22:08	466	0
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1190820	5/30/2023 14:37	5/30/2023 15:04	27	0
1362855	5/30/2023 14:45	5/30/2023 17:15	150	0
656628	5/30/2023 14:51	5/30/2023 22:09	438	0
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1407947	5/30/2023 15:05	5/30/2023 22:27	442	0
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1985687	5/30/2023 15:42	5/30/2023 23:17	455	0
563721	5/30/2023 15:43	5/30/2023 23:21	458	0
1597937	5/30/2023 15:52	5/31/2023 0:28	516	0
1600016	5/30/2023 15:56	5/30/2023 23:25	449	0
309961	5/30/2023 16:02	5/30/2023 23:21	439	0
1356945	5/30/2023 16:22	5/30/2023 22:20	358	0

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316997	5/30/2023 16:30	5/31/2023 1:48	558	0
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1386169	5/30/2023 16:44	5/30/2023 23:35	411	0.04
810130	5/30/2023 17:03	5/31/2023 0:07	424	0
954637	5/30/2023 17:08	5/30/2023 22:11	303	0
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1093722	5/30/2023 18:09	5/31/2023 10:00	950	0
801004	5/30/2023 18:17	5/31/2023 0:12	355	0
791361	5/30/2023 18:46	5/31/2023 0:31	345	0
8148103	5/30/2023 19:49	5/31/2023 10:00	850	0
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990897	5/30/2023 20:56	5/31/2023 10:00	783	0
265473	5/30/2023 20:58	5/31/2023 0:28	210	0
989442	5/30/2023 21:00	5/31/2023 10:00	779	0
315345	5/30/2023 21:09	5/31/2023 10:00	770	0.14
1557303	5/30/2023 21:23	5/31/2023 10:00	756	0
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1511264	5/30/2023 21:47	5/31/2023 10:00	732	0
301691	5/30/2023 22:08	5/31/2023 10:00	711	0
656628	5/30/2023 22:09	5/31/2023 10:00	710	0
496500	5/30/2023 22:09	5/31/2023 0:28	139	0
954637	5/30/2023 22:11	5/31/2023 0:28	137	0
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304345	5/30/2023 22:25	5/31/2023 10:00	694	0
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506261	5/30/2023 22:30	5/31/2023 0:28	118	0
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160073	5/30/2023 22:39	5/31/2023 10:00	680	0
558031	5/30/2023 22:45	5/31/2023 1:25	160	0
7533405	5/30/2023 22:47	5/31/2023 0:28	101	0
1368745	5/30/2023 22:52	5/31/2023 0:28	96	0

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563721	5/30/2023 23:21	5/31/2023 10:00	638	0
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9063373	5/30/2023 23:44	5/31/2023 0:28	44	0
1508563	5/30/2023 23:46	5/31/2023 0:28	42	0
1700586	5/30/2023 23:54	5/31/2023 10:00	605	0
772378	5/30/2023 23:54	5/31/2023 0:28	34	0
581074	5/30/2023 23:58	5/31/2023 0:28	30	0
2032900	5/31/2023 0:02	5/31/2023 0:28	26	0
810130	5/31/2023 0:07	5/31/2023 0:28	21	0
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1514004	5/31/2023 0:22	5/31/2023 0:29	7	0
581074	5/31/2023 0:28	5/31/2023 2:18	110	0
1368745	5/31/2023 0:28	5/31/2023 2:52	144	0
7533405	5/31/2023 0:28	5/31/2023 3:07	159	0
1407947	5/31/2023 0:28	5/31/2023 4:47	259	0
954637	5/31/2023 0:28	5/31/2023 0:51	23	0
810130	5/31/2023 0:28	5/31/2023 3:47	199	0
314564	5/31/2023 0:28	5/31/2023 3:06	158	0
1576533	5/31/2023 0:28	5/31/2023 1:56	88	0
1586005	5/31/2023 0:28	5/31/2023 1:38	70	0
506261	5/31/2023 0:28	5/31/2023 2:10	102	0
313954	5/31/2023 0:28	5/31/2023 3:32	184	0
1356945	5/31/2023 0:28	5/31/2023 1:20	52	0
9063373	5/31/2023 0:28	5/31/2023 5:44	316	0
1539391	5/31/2023 0:28	5/31/2023 1:30	62	0

801004	5/31/2023 0:28	5/31/2023 4:52	264	0
313731	5/31/2023 0:28	5/31/2023 5:07	279	0
1599629	5/31/2023 0:28	5/31/2023 0:51	23	0
772378	5/31/2023 0:28	5/31/2023 1:54	86	0
265473	5/31/2023 0:28	5/31/2023 2:58	150	0
1511816	5/31/2023 0:28	5/31/2023 2:34	126	0
313011	5/31/2023 0:28	5/31/2023 2:41	133	0
1597937	5/31/2023 0:28	5/31/2023 10:00	571	0
1430553	5/31/2023 0:28	5/31/2023 1:17	49	0
1538577	5/31/2023 0:28	5/31/2023 4:25	237	0
313720	5/31/2023 0:28	5/31/2023 0:37	9	0
1508563	5/31/2023 0:28	5/31/2023 2:46	138	0
2032900	5/31/2023 0:28	5/31/2023 1:42	74	0
564518	5/31/2023 0:28	5/31/2023 2:33	125	0
617514	5/31/2023 0:28	5/31/2023 4:39	251	0
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1514004	5/31/2023 0:29	5/31/2023 2:02	93	0
791361	5/31/2023 0:31	5/31/2023 0:49	18	0
790670	5/31/2023 0:34	5/31/2023 0:38	4	0
313720	5/31/2023 0:37	5/31/2023 10:00	562	0
790670	5/31/2023 0:38	5/31/2023 3:54	196	0
791361	5/31/2023 0:49	5/31/2023 2:31	102	0
954637	5/31/2023 0:51	5/31/2023 10:00	548	0
1599629	5/31/2023 0:51	5/31/2023 10:00	548	0
1362855	5/31/2023 0:54	5/31/2023 10:00	545	0
1430553	5/31/2023 1:17	5/31/2023 10:00	522	0
1356945	5/31/2023 1:20	5/31/2023 10:00	519	0
558031	5/31/2023 1:25	5/31/2023 10:00	514	0
1539391	5/31/2023 1:30	5/31/2023 10:00	509	0
1586005	5/31/2023 1:38	5/31/2023 10:00	501	0
2032900	5/31/2023 1:42	5/31/2023 10:00	497	0
316997	5/31/2023 1:48	5/31/2023 10:00	491	0
772378	5/31/2023 1:54	5/31/2023 10:00	485	0
1576533	5/31/2023 1:56	5/31/2023 10:00	483	0
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506261	5/31/2023 2:10	5/31/2023 10:00	469	0
8734029	5/31/2023 2:12	5/31/2023 10:00	467	0
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791361	5/31/2023 2:31	5/31/2023 10:00	448	0
564518	5/31/2023 2:33	5/31/2023 10:00	446	0
1511816	5/31/2023 2:34	5/31/2023 10:00	445	0
313011	5/31/2023 2:41	5/31/2023 10:00	438	0
1508563	5/31/2023 2:46	5/31/2023 10:00	433	0
496500	5/31/2023 2:49	5/31/2023 10:00	430	0
1368745	5/31/2023 2:52	5/31/2023 10:00	427	0
265473	5/31/2023 2:58	5/31/2023 10:00	421	0
314564	5/31/2023 3:06	5/31/2023 10:00	413	0

7533405	5/31/2023 3:07	5/31/2023 10:00	412	0
313954	5/31/2023 3:32	5/31/2023 10:00	387	0
810130	5/31/2023 3:47	5/31/2023 10:00	372	0
790670	5/31/2023 3:54	5/31/2023 10:00	365	0
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617514	5/31/2023 4:39	5/31/2023 10:00	320	0
1407947	5/31/2023 4:47	5/31/2023 10:00	312	0
801004	5/31/2023 4:52	5/31/2023 10:00	307	0
313731	5/31/2023 5:07	5/31/2023 10:00	292	0
9063373	5/31/2023 5:44	5/31/2023 10:00	255	0
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593397	5/31/2023 9:45	5/31/2023 10:00	14	0
1466638	5/31/2023 9:52	5/31/2023 10:00	7	0
1299402	5/31/2023 10:00	5/31/2023 22:41	761	0
46184	5/31/2023 10:00	6/1/2023 10:00	1439	0
1351069	5/31/2023 10:00	5/31/2023 16:03	363	0
1586005	5/31/2023 10:00	6/1/2023 10:00	1439	0
315345	5/31/2023 10:00	5/31/2023 20:47	647	0
772378	5/31/2023 10:00	5/31/2023 17:20	440	0
1432509	5/31/2023 10:00	5/31/2023 11:48	108	0
8495802	5/31/2023 10:00	6/1/2023 10:00	1439	0
2032900	5/31/2023 10:00	5/31/2023 12:20	140	0
316630	5/31/2023 10:00	5/31/2023 11:32	92	0.01
1538577	5/31/2023 10:00	5/31/2023 11:05	65	0
1599629	5/31/2023 10:00	5/31/2023 11:32	92	0.02
316997	5/31/2023 10:00	5/31/2023 16:25	385	0.1
637185	5/31/2023 10:00	6/1/2023 10:00	1439	0
315380	5/31/2023 10:00	5/31/2023 13:25	205	0.02
9063373	5/31/2023 10:00	6/1/2023 10:00	1439	0
8148103	5/31/2023 10:00	6/1/2023 0:28	868	0.01
1386169	5/31/2023 10:00	5/31/2023 13:33	213	0
1309098	5/31/2023 10:00	5/31/2023 13:19	199	0.07
1349766	5/31/2023 10:00	6/1/2023 10:00	1439	0.58
989442	5/31/2023 10:00	6/1/2023 10:00	1439	0
1938706	5/31/2023 10:00	6/1/2023 10:00	1439	0.05
313731	5/31/2023 10:00	6/1/2023 10:00	1439	0
1514004	5/31/2023 10:00	5/31/2023 12:22	142	0
346288	5/31/2023 10:00	5/31/2023 11:29	89	0
563721	5/31/2023 10:00	5/31/2023 11:56	116	0
810130	5/31/2023 10:00	5/31/2023 21:14	674	0
8734029	5/31/2023 10:00	5/31/2023 12:57	177	0
656628	5/31/2023 10:00	5/31/2023 12:27	147	0.58
1539391	5/31/2023 10:00	5/31/2023 11:09	69	0
264186	5/31/2023 10:00	6/1/2023 10:00	1439	0
1985687	5/31/2023 10:00	5/31/2023 22:41	761	0
790670	5/31/2023 10:00	5/31/2023 11:38	98	0
1466638	5/31/2023 10:00	5/31/2023 22:41	761	0

8621797	5/31/2023 10:00	5/31/2023 11:21	81	0
160073	5/31/2023 10:00	5/31/2023 16:59	419	0
617514	5/31/2023 10:00	6/1/2023 0:28	868	0
990897	5/31/2023 10:00	6/1/2023 10:00	1439	0
1602630	5/31/2023 10:00	6/1/2023 10:00	1439	0.04
313011	5/31/2023 10:00	5/31/2023 11:25	85	0
315604	5/31/2023 10:00	5/31/2023 13:31	211	0.05
1395587	5/31/2023 10:00	5/31/2023 22:41	761	0
313954	5/31/2023 10:00	5/31/2023 23:03	783	0.4
1407947	5/31/2023 10:00	6/1/2023 10:00	1439	0
558031	5/31/2023 10:00	5/31/2023 16:38	398	0.11
1600016	5/31/2023 10:00	5/31/2023 11:23	83	0
1508563	5/31/2023 10:00	6/1/2023 10:00	1439	0.02
309961	5/31/2023 10:00	6/1/2023 10:00	1439	0
1190820	5/31/2023 10:00	5/31/2023 13:55	235	0
1093722	5/31/2023 10:00	6/1/2023 10:00	1439	0
1511251	5/31/2023 10:00	5/31/2023 22:41	761	0
1093889	5/31/2023 10:00	6/1/2023 10:00	1439	0
1362855	5/31/2023 10:00	6/1/2023 10:00	1439	0
1604432	5/31/2023 10:00	6/1/2023 10:00	1439	0
313720	5/31/2023 10:00	6/1/2023 10:00	1439	0
506261	5/31/2023 10:00	5/31/2023 16:51	411	0
1573666	5/31/2023 10:00	5/31/2023 22:41	761	0
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1700586	5/31/2023 10:00	5/31/2023 11:59	119	0
1557303	5/31/2023 10:00	5/31/2023 22:41	761	0
1511816	5/31/2023 10:00	6/1/2023 10:00	1439	0
1511264	5/31/2023 10:00	6/1/2023 10:00	1439	2.52
564518	5/31/2023 10:00	5/31/2023 11:09	69	0
314564	5/31/2023 10:00	5/31/2023 13:39	219	0
1430553	5/31/2023 10:00	5/31/2023 11:08	68	0
801004	5/31/2023 10:00	6/1/2023 10:00	1439	0
564357	5/31/2023 10:00	6/1/2023 10:00	1439	0
1576533	5/31/2023 10:00	6/1/2023 10:00	1439	0.35
581074	5/31/2023 10:00	5/31/2023 21:17	677	0
24124	5/31/2023 10:00	6/1/2023 10:00	1439	0
1597937	5/31/2023 10:22	6/1/2023 0:28	846	0
1320619	5/31/2023 10:26	6/1/2023 10:00	1413	0
496500	5/31/2023 10:27	6/1/2023 10:00	1412	0
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304345	5/31/2023 10:30	6/1/2023 10:00	1409	0
301691	5/31/2023 10:37	6/1/2023 10:00	1402	0
593397	5/31/2023 10:38	6/1/2023 10:00	1401	0
1356945	5/31/2023 10:41	6/1/2023 10:00	1398	0
450309	5/31/2023 10:51	5/31/2023 22:25	694	0
1538577	5/31/2023 11:05	5/31/2023 11:13	8	0
1430553	5/31/2023 11:08	5/31/2023 11:18	10	0

564518	5/31/2023 11:09	5/31/2023 11:27	18	0
1539391	5/31/2023 11:09	5/31/2023 11:18	9	0
7533405	5/31/2023 11:09	5/31/2023 11:17	8	0.04
1301093	5/31/2023 11:11	5/31/2023 22:41	690	0.2
1538577	5/31/2023 11:13	5/31/2023 12:05	52	0
8068454	5/31/2023 11:14	5/31/2023 17:06	352	0
7533405	5/31/2023 11:17	5/31/2023 13:29	132	0.78
1430553	5/31/2023 11:18	5/31/2023 16:28	310	0
1539391	5/31/2023 11:18	5/31/2023 16:39	321	0
345647	5/31/2023 11:20	6/1/2023 4:51	1051	0
8621797	5/31/2023 11:21	5/31/2023 11:33	12	0
1600016	5/31/2023 11:23	5/31/2023 11:33	10	0
315088	5/31/2023 11:23	5/31/2023 22:41	678	0
313011	5/31/2023 11:25	5/31/2023 11:38	13	0
564518	5/31/2023 11:27	5/31/2023 17:49	382	0
346288	5/31/2023 11:29	5/31/2023 11:47	18	0
51483	5/31/2023 11:30	5/31/2023 22:41	671	0.07
316630	5/31/2023 11:32	5/31/2023 11:38	6	0.02
1599629	5/31/2023 11:32	5/31/2023 11:33	1	0.01
1599629	5/31/2023 11:33	5/31/2023 14:49	196	0.02
1600016	5/31/2023 11:33	5/31/2023 13:23	110	0
8621797	5/31/2023 11:33	5/31/2023 13:18	105	0
317126	5/31/2023 11:36	5/31/2023 22:41	665	0
313011	5/31/2023 11:38	5/31/2023 13:25	107	0
316630	5/31/2023 11:38	5/31/2023 13:32	114	0
790670	5/31/2023 11:38	5/31/2023 18:34	416	0.02
266906	5/31/2023 11:42	6/1/2023 0:28	766	0
346288	5/31/2023 11:47	5/31/2023 13:29	102	0
1432509	5/31/2023 11:48	5/31/2023 22:41	653	0
324045	5/31/2023 11:51	5/31/2023 16:41	290	0
563721	5/31/2023 11:56	5/31/2023 12:09	13	0.13
1700586	5/31/2023 11:59	5/31/2023 12:16	17	0
1538577	5/31/2023 12:05	5/31/2023 22:41	636	0
563721	5/31/2023 12:09	5/31/2023 13:36	87	0
1700586	5/31/2023 12:16	5/31/2023 13:39	83	0
507365	5/31/2023 12:19	5/31/2023 16:30	251	0
2032900	5/31/2023 12:20	5/31/2023 12:26	6	0
1514004	5/31/2023 12:22	5/31/2023 12:37	15	0.11
2032900	5/31/2023 12:26	5/31/2023 17:00	274	0
656628	5/31/2023 12:27	5/31/2023 12:35	8	0.09
656628	5/31/2023 12:35	5/31/2023 13:27	52	0
1514004	5/31/2023 12:37	5/31/2023 17:22	285	0
8734029	5/31/2023 12:57	5/31/2023 20:27	450	0
791361	5/31/2023 12:57	5/31/2023 16:59	242	0
8621797	5/31/2023 13:18	5/31/2023 22:45	567	0
1309098	5/31/2023 13:19	6/1/2023 0:28	669	0.19
1600016	5/31/2023 13:23	5/31/2023 22:44	561	0

313011	5/31/2023 13:25	5/31/2023 23:03	578	0
315380	5/31/2023 13:25	5/31/2023 22:41	556	0
1349338	5/31/2023 13:27	6/1/2023 10:00	1232	0
656628	5/31/2023 13:27	5/31/2023 18:36	309	0.04
7533405	5/31/2023 13:29	5/31/2023 17:10	221	0.37
346288	5/31/2023 13:29	5/31/2023 22:41	552	0
315604	5/31/2023 13:31	5/31/2023 17:25	234	0
316630	5/31/2023 13:32	5/31/2023 22:41	549	0
1386169	5/31/2023 13:33	5/31/2023 17:55	262	0.13
450801	5/31/2023 13:33	5/31/2023 21:22	469	0
563721	5/31/2023 13:36	5/31/2023 21:15	459	0
6714863	5/31/2023 13:36	5/31/2023 16:41	185	0
1700586	5/31/2023 13:39	5/31/2023 22:41	542	0
314564	5/31/2023 13:39	5/31/2023 22:41	542	0
1190820	5/31/2023 13:55	6/1/2023 0:28	633	0
1320845	5/31/2023 14:25	6/1/2023 0:28	603	0.08
1321750	5/31/2023 14:31	5/31/2023 20:34	363	0.4
1390184	5/31/2023 14:34	6/1/2023 0:28	594	0
1599629	5/31/2023 14:49	5/31/2023 22:41	472	0.16
315752	5/31/2023 15:01	6/1/2023 0:28	567	0
265473	5/31/2023 15:01	5/31/2023 18:21	200	0
572882	5/31/2023 15:28	6/1/2023 0:28	540	0
587455	5/31/2023 15:32	6/1/2023 0:28	536	0
523018	5/31/2023 15:33	6/1/2023 0:28	535	0
1332906	5/31/2023 15:51	6/1/2023 0:28	517	0
1351069	5/31/2023 16:03	6/1/2023 0:28	505	0
456099	5/31/2023 16:10	6/1/2023 0:28	498	0
1417138	5/31/2023 16:17	5/31/2023 17:57	100	0
444600	5/31/2023 16:25	6/1/2023 1:12	527	0
316997	5/31/2023 16:25	5/31/2023 16:34	9	0
1093833	5/31/2023 16:25	6/1/2023 0:28	483	0
1430553	5/31/2023 16:28	5/31/2023 22:42	374	0
507365	5/31/2023 16:30	5/31/2023 22:41	371	0
316997	5/31/2023 16:34	5/31/2023 17:05	31	0
7415418	5/31/2023 16:34	5/31/2023 22:41	367	0
558031	5/31/2023 16:38	5/31/2023 22:30	352	0
793690	5/31/2023 16:38	5/31/2023 22:22	344	0
1539391	5/31/2023 16:39	5/31/2023 22:48	369	0
324045	5/31/2023 16:41	5/31/2023 16:59	18	0
1270983	5/31/2023 16:41	5/31/2023 22:41	360	0
6714863	5/31/2023 16:41	5/31/2023 16:47	6	0
6714863	5/31/2023 16:47	5/31/2023 21:21	274	0
506261	5/31/2023 16:51	5/31/2023 16:54	3	0
506261	5/31/2023 16:54	5/31/2023 17:31	37	0
315346	5/31/2023 16:54	6/1/2023 10:00	1025	0
324045	5/31/2023 16:59	5/31/2023 19:21	142	0
160073	5/31/2023 16:59	5/31/2023 17:07	8	0

791361	5/31/2023 16:59	5/31/2023 22:41	342	0
2032900	5/31/2023 17:00	5/31/2023 22:41	341	0
316997	5/31/2023 17:05	6/1/2023 4:01	656	0
8068454	5/31/2023 17:06	5/31/2023 22:41	335	0
160073	5/31/2023 17:07	5/31/2023 21:39	272	0
7533405	5/31/2023 17:10	5/31/2023 17:13	3	0
7533405	5/31/2023 17:13	5/31/2023 21:10	237	0
1441766	5/31/2023 17:15	6/1/2023 10:00	1004	0
772378	5/31/2023 17:20	5/31/2023 22:41	321	0
1498622	5/31/2023 17:21	5/31/2023 22:41	320	0
457729	5/31/2023 17:21	5/31/2023 22:43	322	0
1514004	5/31/2023 17:22	5/31/2023 22:41	319	0
315604	5/31/2023 17:25	5/31/2023 17:38	13	0
1525793	5/31/2023 17:27	5/31/2023 22:41	314	0
325050	5/31/2023 17:27	5/31/2023 22:41	314	0
506261	5/31/2023 17:31	6/1/2023 0:28	417	0
324290	5/31/2023 17:32	5/31/2023 22:41	309	0
6503956	5/31/2023 17:38	5/31/2023 22:41	303	0
315604	5/31/2023 17:38	5/31/2023 21:05	207	0
564518	5/31/2023 17:49	5/31/2023 22:41	292	0
553863	5/31/2023 17:49	5/31/2023 22:41	292	0
1386169	5/31/2023 17:55	5/31/2023 18:00	5	0
522210	5/31/2023 17:55	5/31/2023 18:00	5	0
1417138	5/31/2023 17:57	6/1/2023 4:04	607	0
1417279	5/31/2023 17:57	5/31/2023 22:41	284	0
522210	5/31/2023 18:00	5/31/2023 22:41	281	0
1386169	5/31/2023 18:00	5/31/2023 21:15	195	0
1557676	5/31/2023 18:05	6/1/2023 0:28	383	0
1393633	5/31/2023 18:06	6/1/2023 0:28	382	0
265473	5/31/2023 18:21	5/31/2023 20:59	158	0
1321605	5/31/2023 18:24	5/31/2023 22:41	257	0
396857	5/31/2023 18:25	5/31/2023 22:41	256	0
1309133	5/31/2023 18:31	6/1/2023 10:00	928	0
790670	5/31/2023 18:34	5/31/2023 18:49	15	0
656628	5/31/2023 18:36	5/31/2023 18:39	3	0
656628	5/31/2023 18:39	5/31/2023 20:56	137	0
8104722	5/31/2023 18:45	6/1/2023 10:00	914	0
790670	5/31/2023 18:49	5/31/2023 19:14	25	0
8627374	5/31/2023 19:02	6/1/2023 10:00	897	0
790670	5/31/2023 19:14	5/31/2023 22:41	207	0
561757	5/31/2023 19:17	5/31/2023 22:41	204	0
324045	5/31/2023 19:21	6/1/2023 4:23	542	0
1394543	5/31/2023 19:42	6/1/2023 10:00	857	0
8734029	5/31/2023 20:27	6/1/2023 10:00	812	0
1321750	5/31/2023 20:34	6/1/2023 10:00	805	0
315345	5/31/2023 20:47	6/1/2023 0:28	221	0
656628	5/31/2023 20:56	5/31/2023 22:41	105	0

265473	5/31/2023 20:59	6/1/2023 10:00	780	0
315604	5/31/2023 21:05	5/31/2023 22:41	96	0
7533405	5/31/2023 21:10	5/31/2023 22:41	91	0
8387677	5/31/2023 21:11	5/31/2023 22:41	90	0
810130	5/31/2023 21:14	5/31/2023 22:41	87	0
1386169	5/31/2023 21:15	5/31/2023 22:41	86	0
563721	5/31/2023 21:15	6/1/2023 10:00	764	0
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6714863	5/31/2023 21:21	6/1/2023 0:28	187	0
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160073	5/31/2023 21:39	5/31/2023 22:24	45	0
793690	5/31/2023 22:22	6/1/2023 10:00	697	0
160073	5/31/2023 22:24	6/1/2023 10:00	695	0
450309	5/31/2023 22:25	6/1/2023 10:00	694	0
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656628	5/31/2023 22:41	6/1/2023 10:00	678	0
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7415418	5/31/2023 22:41	6/1/2023 10:00	678	0
507365	5/31/2023 22:41	6/1/2023 10:00	678	0
1432509	5/31/2023 22:41	6/1/2023 10:00	678	0
8387677	5/31/2023 22:41	6/1/2023 10:00	678	0
315604	5/31/2023 22:41	6/1/2023 10:00	678	0
1985687	5/31/2023 22:41	6/1/2023 10:00	678	0
1301093	5/31/2023 22:41	6/1/2023 10:00	678	0
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1599629	5/31/2023 22:41	6/1/2023 10:00	678	0
8068454	5/31/2023 22:41	6/1/2023 10:00	678	0
324290	5/31/2023 22:41	6/1/2023 10:00	678	0
314564	5/31/2023 22:41	6/1/2023 10:00	678	0
581074	5/31/2023 22:41	6/1/2023 10:00	678	0
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315088	5/31/2023 22:41	6/1/2023 10:00	678	0
317126	5/31/2023 22:41	6/1/2023 10:00	678	0
1321605	5/31/2023 22:41	6/1/2023 10:00	678	0
1700586	5/31/2023 22:41	6/1/2023 10:00	678	0
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316630	5/31/2023 22:41	6/1/2023 10:00	678	0
522210	5/31/2023 22:41	6/1/2023 10:00	678	0
790670	5/31/2023 22:41	6/1/2023 10:00	678	0
51483	5/31/2023 22:41	6/1/2023 10:00	678	0
346288	5/31/2023 22:41	6/1/2023 10:00	678	0
2032900	5/31/2023 22:41	6/1/2023 10:00	678	0
325050	5/31/2023 22:41	6/1/2023 10:00	678	0
1395587	5/31/2023 22:41	6/1/2023 10:00	678	0
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810130	5/31/2023 22:41	6/1/2023 10:00	678	0
1430553	5/31/2023 22:42	6/1/2023 0:28	106	0
457729	5/31/2023 22:43	6/1/2023 0:28	105	0
1600016	5/31/2023 22:44	6/1/2023 0:28	104	0
8621797	5/31/2023 22:45	6/1/2023 0:28	103	0
1539391	5/31/2023 22:48	6/1/2023 0:28	100	0
313954	5/31/2023 23:03	6/1/2023 0:28	85	0
313011	5/31/2023 23:03	6/1/2023 0:28	85	0
1430553	6/1/2023 0:28	6/1/2023 4:42	254	0
1190820	6/1/2023 0:28	6/1/2023 10:00	571	0
313011	6/1/2023 0:28	6/1/2023 5:03	275	0
1309098	6/1/2023 0:28	6/1/2023 10:00	571	0
572882	6/1/2023 0:28	6/1/2023 10:00	571	0
313954	6/1/2023 0:28	6/1/2023 4:43	255	0
617514	6/1/2023 0:28	6/1/2023 10:00	571	0
1539391	6/1/2023 0:28	6/1/2023 4:28	240	0
1557676	6/1/2023 0:28	6/1/2023 10:00	571	0
587455	6/1/2023 0:28	6/1/2023 10:00	571	0
1351069	6/1/2023 0:28	6/1/2023 10:00	571	0
1320845	6/1/2023 0:28	6/1/2023 10:00	571	0
1600016	6/1/2023 0:28	6/1/2023 4:44	256	0
315345	6/1/2023 0:28	6/1/2023 10:00	571	0
315752	6/1/2023 0:28	6/1/2023 10:00	571	0
1597937	6/1/2023 0:28	6/1/2023 10:00	571	0
1393633	6/1/2023 0:28	6/1/2023 10:00	571	0
456099	6/1/2023 0:28	6/1/2023 10:00	571	0
1390184	6/1/2023 0:28	6/1/2023 10:00	571	0
8148103	6/1/2023 0:28	6/1/2023 10:00	571	0
49209	6/1/2023 0:28	6/1/2023 10:00	571	0
1332906	6/1/2023 0:28	6/1/2023 10:00	571	0

523018	6/1/2023 0:28	6/1/2023 10:00	571	0
6714863	6/1/2023 0:28	6/1/2023 10:00	571	0
457729	6/1/2023 0:28	6/1/2023 4:43	255	0
266906	6/1/2023 0:28	6/1/2023 10:00	571	0
1093833	6/1/2023 0:28	6/1/2023 10:00	571	0
8621797	6/1/2023 0:28	6/1/2023 4:45	257	0
506261	6/1/2023 0:28	6/1/2023 10:00	571	0
444600	6/1/2023 1:12	6/1/2023 10:00	527	0
316997	6/1/2023 4:01	6/1/2023 4:11	10	0
1417138	6/1/2023 4:04	6/1/2023 4:07	3	0
1417138	6/1/2023 4:07	6/1/2023 6:24	137	0
316997	6/1/2023 4:11	6/1/2023 6:21	130	0
324045	6/1/2023 4:23	6/1/2023 4:32	9	0
1539391	6/1/2023 4:28	6/1/2023 4:48	20	0
324045	6/1/2023 4:32	6/1/2023 6:23	111	0
1430553	6/1/2023 4:42	6/1/2023 4:48	6	0
313954	6/1/2023 4:43	6/1/2023 5:03	20	0
457729	6/1/2023 4:43	6/1/2023 4:55	12	0
1600016	6/1/2023 4:44	6/1/2023 5:01	17	0
8621797	6/1/2023 4:45	6/1/2023 5:00	15	0
1539391	6/1/2023 4:48	6/1/2023 6:08	80	0
1430553	6/1/2023 4:48	6/1/2023 6:22	94	0
345647	6/1/2023 4:51	6/1/2023 4:57	6	0
457729	6/1/2023 4:55	6/1/2023 8:01	186	0
345647	6/1/2023 4:57	6/1/2023 7:51	174	0
8621797	6/1/2023 5:00	6/1/2023 6:25	85	0
1600016	6/1/2023 5:01	6/1/2023 6:24	83	0
313011	6/1/2023 5:03	6/1/2023 5:04	1	0
313954	6/1/2023 5:03	6/1/2023 6:23	80	0
313011	6/1/2023 5:04	6/1/2023 6:23	79	0
1539391	6/1/2023 6:08	6/1/2023 10:00	231	0
316997	6/1/2023 6:21	6/1/2023 10:00	218	0
1430553	6/1/2023 6:22	6/1/2023 10:00	217	0
313954	6/1/2023 6:23	6/1/2023 10:00	216	0
313011	6/1/2023 6:23	6/1/2023 10:00	216	0
324045	6/1/2023 6:23	6/1/2023 10:00	216	0
1600016	6/1/2023 6:24	6/1/2023 10:00	215	0
1417138	6/1/2023 6:24	6/1/2023 10:00	215	0
8621797	6/1/2023 6:25	6/1/2023 10:00	214	0
345647	6/1/2023 7:51	6/1/2023 10:00	128	0
457729	6/1/2023 8:01	6/1/2023 10:00	118	0
1441767	6/1/2023 10:00	6/2/2023 10:00	1439	0
1349766	6/1/2023 10:00	6/2/2023 10:00	1439	0.12
7533405	6/1/2023 10:00	6/1/2023 13:53	233	0.09
265473	6/1/2023 10:00	6/2/2023 10:00	1439	0
1190820	6/1/2023 10:00	6/1/2023 14:05	245	0
315345	6/1/2023 10:00	6/2/2023 10:00	1439	1.59

1393633	6/1/2023 10:00	6/2/2023 10:00	1439	0
315604	6/1/2023 10:00	6/1/2023 13:59	239	0.04
313011	6/1/2023 10:00	6/1/2023 11:12	72	0
810130	6/1/2023 10:00	6/1/2023 23:25	805	0
790670	6/1/2023 10:00	6/1/2023 12:05	125	0
1321605	6/1/2023 10:00	6/1/2023 13:52	232	0.71
1301093	6/1/2023 10:00	6/1/2023 11:00	60	0.11
553863	6/1/2023 10:00	6/2/2023 10:00	1439	0
522210	6/1/2023 10:00	6/2/2023 10:00	1439	0
1441766	6/1/2023 10:00	6/2/2023 10:00	1439	0.53
314564	6/1/2023 10:00	6/1/2023 14:01	241	0
456099	6/1/2023 10:00	6/2/2023 10:00	1439	0
316997	6/1/2023 10:00	6/1/2023 14:08	248	0
1395587	6/1/2023 10:00	6/2/2023 10:00	1439	0
1349338	6/1/2023 10:00	6/2/2023 10:00	1439	0
1390184	6/1/2023 10:00	6/2/2023 10:00	1439	0
8068454	6/1/2023 10:00	6/2/2023 10:00	1439	0
317126	6/1/2023 10:00	6/2/2023 10:00	1439	0
1430553	6/1/2023 10:00	6/1/2023 13:55	235	0
587455	6/1/2023 10:00	6/2/2023 10:00	1439	0
1321750	6/1/2023 10:00	6/2/2023 10:00	1439	0.1
1511251	6/1/2023 10:00	6/1/2023 23:17	797	0
772378	6/1/2023 10:00	6/2/2023 10:00	1439	0
325050	6/1/2023 10:00	6/2/2023 10:00	1439	0
1600016	6/1/2023 10:00	6/1/2023 14:01	241	0
8387677	6/1/2023 10:00	6/1/2023 11:08	68	0
506261	6/1/2023 10:00	6/1/2023 14:45	285	0
1538577	6/1/2023 10:00	6/1/2023 14:05	245	0
315380	6/1/2023 10:00	6/1/2023 14:06	246	0
160073	6/1/2023 10:00	6/1/2023 19:15	555	0
1320619	6/1/2023 10:00	6/2/2023 2:28	988	0
346288	6/1/2023 10:00	6/1/2023 11:18	78	0
1518241	6/1/2023 10:00	6/2/2023 0:16	856	0.06
266906	6/1/2023 10:00	6/2/2023 10:00	1439	0
1498622	6/1/2023 10:00	6/2/2023 10:00	1439	0
637185	6/1/2023 10:00	6/2/2023 10:00	1439	0
457729	6/1/2023 10:00	6/2/2023 10:00	1439	0
51483	6/1/2023 10:00	6/1/2023 11:12	72	0
2032900	6/1/2023 10:00	6/1/2023 23:31	811	0
450801	6/1/2023 10:00	6/2/2023 10:00	1439	0
656628	6/1/2023 10:00	6/1/2023 11:50	110	0
1309133	6/1/2023 10:00	6/2/2023 10:00	1439	0.19
564518	6/1/2023 10:00	6/2/2023 10:00	1439	0
1386169	6/1/2023 10:00	6/2/2023 10:00	1439	0.16
564357	6/1/2023 10:00	6/2/2023 10:00	1439	0
313954	6/1/2023 10:00	6/1/2023 14:07	247	0.37
1539391	6/1/2023 10:00	6/1/2023 13:53	233	0

791361	6/1/2023 10:00	6/2/2023 0:08	848	0
324290	6/1/2023 10:00	6/2/2023 10:00	1439	0
1432509	6/1/2023 10:00	6/1/2023 11:34	94	0
315752	6/1/2023 10:00	6/2/2023 10:00	1439	0
7415418	6/1/2023 10:00	6/2/2023 10:00	1439	0
1299402	6/1/2023 10:00	6/1/2023 11:51	111	0
705447	6/1/2023 10:00	6/2/2023 10:00	1439	0
1417279	6/1/2023 10:00	6/2/2023 10:00	1439	0
8104722	6/1/2023 10:00	6/2/2023 10:00	1439	0
8621797	6/1/2023 10:00	6/1/2023 23:04	784	0
315346	6/1/2023 10:00	6/1/2023 12:08	128	0
1557303	6/1/2023 10:00	6/2/2023 10:00	1439	0
581074	6/1/2023 10:00	6/2/2023 10:00	1439	0
1573666	6/1/2023 10:00	6/1/2023 22:57	777	0
561757	6/1/2023 10:00	6/2/2023 10:00	1439	0
1309098	6/1/2023 10:00	6/1/2023 14:08	248	2.68
396857	6/1/2023 10:00	6/2/2023 10:00	1439	0
563721	6/1/2023 10:00	6/1/2023 11:39	99	0
8148103	6/1/2023 10:00	6/1/2023 11:05	65	0
1466638	6/1/2023 10:00	6/2/2023 10:00	1439	0
1320845	6/1/2023 10:00	6/2/2023 10:00	1439	2.23
507365	6/1/2023 10:00	6/1/2023 12:19	139	0
1270983	6/1/2023 10:00	6/2/2023 10:00	1439	0
1700586	6/1/2023 10:00	6/1/2023 11:45	105	0
572882	6/1/2023 10:00	6/1/2023 15:28	328	0
315088	6/1/2023 10:00	6/2/2023 10:00	1439	0
264186	6/1/2023 10:00	6/2/2023 10:00	1439	0
6503956	6/1/2023 10:00	6/1/2023 11:05	65	0.01
24124	6/1/2023 10:00	6/2/2023 10:00	1439	0
46184	6/1/2023 10:00	6/2/2023 10:00	1439	0
1394543	6/1/2023 10:00	6/2/2023 10:00	1439	0
316630	6/1/2023 10:00	6/1/2023 11:09	69	0.02
8734029	6/1/2023 10:00	6/1/2023 11:08	68	0
8627374	6/1/2023 10:00	6/2/2023 10:00	1439	0
1525793	6/1/2023 10:00	6/1/2023 23:05	785	0
1514004	6/1/2023 10:00	6/1/2023 12:06	126	0
1557676	6/1/2023 10:00	6/2/2023 10:00	1439	0
345647	6/1/2023 10:00	6/1/2023 12:11	131	0
1597937	6/1/2023 10:12	6/2/2023 3:57	1065	0
6761269	6/1/2023 10:12	6/1/2023 22:10	718	0
1985687	6/1/2023 10:17	6/2/2023 10:00	1422	0
1417138	6/1/2023 10:17	6/2/2023 3:58	1061	0
496500	6/1/2023 10:17	6/1/2023 22:04	707	0
1093833	6/1/2023 10:17	6/1/2023 16:05	348	0.02
523018	6/1/2023 10:19	6/2/2023 10:00	1420	0
444600	6/1/2023 10:26	6/2/2023 10:00	1413	0
6714863	6/1/2023 10:32	6/1/2023 13:57	205	0

617514	6/1/2023 10:36	6/1/2023 22:34	718	0
450309	6/1/2023 10:38	6/2/2023 10:00	1401	0
1351069	6/1/2023 10:38	6/2/2023 10:00	1401	0
558031	6/1/2023 10:39	6/2/2023 10:00	1400	0
793690	6/1/2023 10:41	6/1/2023 13:57	196	0
324045	6/1/2023 10:42	6/2/2023 10:00	1397	0
49209	6/1/2023 10:43	6/2/2023 10:00	1396	0
1251782	6/1/2023 10:51	6/1/2023 21:31	640	0
1301093	6/1/2023 11:00	6/1/2023 11:55	55	0.77
8148103	6/1/2023 11:05	6/1/2023 12:10	65	0
6503956	6/1/2023 11:05	6/1/2023 11:18	13	0.15
8387677	6/1/2023 11:08	6/1/2023 11:21	13	0
8734029	6/1/2023 11:08	6/1/2023 23:12	724	0
316630	6/1/2023 11:09	6/1/2023 11:18	9	0.18
313011	6/1/2023 11:12	6/1/2023 11:18	6	0
51483	6/1/2023 11:12	6/1/2023 14:12	180	0
316630	6/1/2023 11:18	6/1/2023 13:50	152	0
260516	6/1/2023 11:18	6/1/2023 21:42	624	0
346288	6/1/2023 11:18	6/1/2023 11:26	8	0
6503956	6/1/2023 11:18	6/1/2023 12:54	96	0.89
313011	6/1/2023 11:18	6/1/2023 13:52	154	0
8387677	6/1/2023 11:21	6/1/2023 13:48	147	0
8511623	6/1/2023 11:26	6/1/2023 21:45	619	0
1385122	6/1/2023 11:26	6/1/2023 21:44	618	0
346288	6/1/2023 11:26	6/1/2023 12:08	42	0
8590289	6/1/2023 11:28	6/1/2023 21:27	599	0.02
1350598	6/1/2023 11:28	6/1/2023 21:52	624	0
8668965	6/1/2023 11:34	6/1/2023 21:32	598	0
1432509	6/1/2023 11:34	6/1/2023 11:35	1	0
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563721	6/1/2023 11:39	6/1/2023 11:45	6	0
563721	6/1/2023 11:45	6/1/2023 16:39	294	0
1700586	6/1/2023 11:45	6/1/2023 11:50	5	0
1702895	6/1/2023 11:47	6/1/2023 21:45	598	0
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656628	6/1/2023 11:50	6/1/2023 12:07	17	0
1299402	6/1/2023 11:51	6/1/2023 11:55	4	0
1681747	6/1/2023 11:55	6/1/2023 21:57	602	0.05
1301093	6/1/2023 11:55	6/1/2023 22:33	638	0.92
1299402	6/1/2023 11:55	6/1/2023 13:51	116	0
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1514004	6/1/2023 12:06	6/1/2023 12:08	2	0
656628	6/1/2023 12:07	6/1/2023 13:50	103	0
315346	6/1/2023 12:08	6/1/2023 22:21	613	0
346288	6/1/2023 12:08	6/1/2023 23:18	670	0
1514004	6/1/2023 12:08	6/1/2023 14:06	118	0
8148103	6/1/2023 12:10	6/1/2023 16:55	285	0

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507365	6/1/2023 12:19	6/1/2023 21:38	559	0
790670	6/1/2023 12:45	6/1/2023 20:24	459	0
6503956	6/1/2023 12:54	6/1/2023 22:41	587	0
8387677	6/1/2023 13:48	6/1/2023 21:26	458	0
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316630	6/1/2023 13:50	6/1/2023 21:28	458	0
793638	6/1/2023 13:51	6/1/2023 21:30	459	0
1299402	6/1/2023 13:51	6/1/2023 21:29	458	0
313011	6/1/2023 13:52	6/1/2023 21:31	459	0
1321605	6/1/2023 13:52	6/1/2023 23:27	575	0
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751178	6/1/2023 13:53	6/1/2023 21:32	459	0
1539391	6/1/2023 13:53	6/1/2023 21:34	461	0
1430553	6/1/2023 13:55	6/1/2023 21:39	464	0
313731	6/1/2023 13:56	6/1/2023 23:01	545	0
6714863	6/1/2023 13:57	6/1/2023 21:40	463	0
6623421	6/1/2023 13:57	6/1/2023 21:36	459	0
793690	6/1/2023 13:57	6/1/2023 21:41	464	0
315604	6/1/2023 13:59	6/1/2023 21:38	459	0
1600016	6/1/2023 14:01	6/1/2023 23:00	539	0
314564	6/1/2023 14:01	6/1/2023 23:11	550	0
1432509	6/1/2023 14:03	6/1/2023 21:38	455	0
581832	6/1/2023 14:05	6/1/2023 22:35	510	0
1190820	6/1/2023 14:05	6/1/2023 20:24	379	0
1700586	6/1/2023 14:05	6/1/2023 21:44	459	0
1538577	6/1/2023 14:05	6/1/2023 21:45	460	0
1514004	6/1/2023 14:06	6/1/2023 21:44	458	0
315380	6/1/2023 14:06	6/1/2023 23:10	544	0
313954	6/1/2023 14:07	6/1/2023 22:59	532	0
1309098	6/1/2023 14:08	6/1/2023 20:22	374	0.1
316997	6/1/2023 14:08	6/1/2023 21:47	459	0.03
51483	6/1/2023 14:12	6/1/2023 21:50	458	0
1332906	6/1/2023 14:36	6/1/2023 18:02	206	0
903630	6/1/2023 14:38	6/2/2023 10:00	1161	0
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1671958	6/1/2023 15:59	6/2/2023 4:06	727	0
1093833	6/1/2023 16:05	6/1/2023 16:10	5	0
1093833	6/1/2023 16:10	6/1/2023 16:45	35	0
6961293	6/1/2023 16:21	6/2/2023 4:14	713	0
563721	6/1/2023 16:39	6/1/2023 23:32	413	0
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1576533	6/1/2023 16:49	6/1/2023 23:02	373	0
8148103	6/1/2023 16:55	6/1/2023 16:58	3	0
8148103	6/1/2023 16:58	6/1/2023 19:55	177	0
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280780	6/1/2023 17:39	6/2/2023 10:00	980	0
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160073	6/1/2023 19:15	6/1/2023 22:35	200	0
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1190820	6/1/2023 20:24	6/2/2023 10:00	815	0
1349177	6/1/2023 20:41	6/2/2023 2:31	350	0
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8387677	6/1/2023 21:26	6/2/2023 10:00	753	0
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313011	6/1/2023 21:31	6/2/2023 10:00	748	0
1251782	6/1/2023 21:31	6/2/2023 10:00	748	0
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8668965	6/1/2023 21:32	6/2/2023 10:00	747	0
751178	6/1/2023 21:32	6/2/2023 10:00	747	0
1539391	6/1/2023 21:34	6/2/2023 10:00	745	0
572916	6/1/2023 21:35	6/2/2023 10:00	744	0
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315604	6/1/2023 21:38	6/2/2023 10:00	741	0
507365	6/1/2023 21:38	6/2/2023 10:00	741	0
1432509	6/1/2023 21:38	6/2/2023 10:00	741	0
1430553	6/1/2023 21:39	6/2/2023 10:00	740	0
6714863	6/1/2023 21:40	6/2/2023 10:00	739	0
793690	6/1/2023 21:41	6/2/2023 10:00	738	0
260516	6/1/2023 21:42	6/2/2023 10:00	737	0
1514004	6/1/2023 21:44	6/2/2023 10:00	735	0
1700586	6/1/2023 21:44	6/2/2023 10:00	735	0
1385122	6/1/2023 21:44	6/2/2023 10:00	735	0
1702895	6/1/2023 21:45	6/2/2023 10:00	734	0
8511623	6/1/2023 21:45	6/2/2023 10:00	734	0
1538577	6/1/2023 21:45	6/2/2023 10:00	734	0
316997	6/1/2023 21:47	6/2/2023 10:00	732	0

51483	6/1/2023 21:50	6/2/2023 10:00	729	0
1350598	6/1/2023 21:52	6/2/2023 10:00	727	0
1681747	6/1/2023 21:57	6/2/2023 10:00	722	0
496500	6/1/2023 22:04	6/2/2023 0:28	144	0
1093833	6/1/2023 22:04	6/2/2023 10:00	715	0
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315346	6/1/2023 22:21	6/2/2023 0:28	127	0
506261	6/1/2023 22:25	6/2/2023 0:28	123	0
1301093	6/1/2023 22:33	6/2/2023 10:00	686	0
617514	6/1/2023 22:34	6/2/2023 10:00	685	0
581832	6/1/2023 22:35	6/2/2023 0:28	113	0
160073	6/1/2023 22:35	6/2/2023 0:28	113	0
6503956	6/1/2023 22:41	6/2/2023 10:00	678	0
583848	6/1/2023 22:45	6/2/2023 0:28	103	0
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313954	6/1/2023 22:59	6/2/2023 10:00	660	0
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8621797	6/1/2023 23:04	6/2/2023 0:28	84	0
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8734029	6/1/2023 23:12	6/2/2023 0:28	76	0
1511251	6/1/2023 23:17	6/2/2023 0:28	71	0
346288	6/1/2023 23:18	6/2/2023 0:28	70	0
1348780	6/1/2023 23:19	6/2/2023 0:28	69	0
810130	6/1/2023 23:25	6/2/2023 0:28	63	0
1321605	6/1/2023 23:27	6/2/2023 0:28	61	0
2032900	6/1/2023 23:31	6/2/2023 0:28	57	0
563721	6/1/2023 23:32	6/2/2023 10:00	627	0
8564413	6/1/2023 23:36	6/2/2023 0:28	52	0
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1518241	6/2/2023 0:16	6/2/2023 0:28	12	0
8621797	6/2/2023 0:28	6/2/2023 5:04	276	0
1518241	6/2/2023 0:28	6/2/2023 5:16	288	0
506261	6/2/2023 0:28	6/2/2023 2:25	117	0
6761269	6/2/2023 0:28	6/2/2023 3:30	182	0
581832	6/2/2023 0:28	6/2/2023 4:35	247	0
8564413	6/2/2023 0:28	6/2/2023 5:16	288	0
1556919	6/2/2023 0:28	6/2/2023 5:12	284	0
315346	6/2/2023 0:28	6/2/2023 3:21	173	0

1576533	6/2/2023 0:28	6/2/2023 5:02	274	0
160073	6/2/2023 0:28	6/2/2023 2:55	147	0
2032900	6/2/2023 0:28	6/2/2023 5:11	283	0
1511251	6/2/2023 0:28	6/2/2023 4:57	269	0
496500	6/2/2023 0:28	6/2/2023 4:09	221	0
1573666	6/2/2023 0:28	6/2/2023 4:57	269	0
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345647	6/2/2023 0:28	6/2/2023 3:31	183	0
1525793	6/2/2023 0:28	6/2/2023 5:05	277	0
810130	6/2/2023 0:28	6/2/2023 5:05	277	0
791361	6/2/2023 0:28	6/2/2023 2:28	120	0
321310	6/2/2023 0:28	6/2/2023 5:08	280	0
1321605	6/2/2023 0:28	6/2/2023 5:07	279	0
583848	6/2/2023 0:28	6/2/2023 3:45	197	0
346288	6/2/2023 0:28	6/2/2023 3:18	170	0
1600016	6/2/2023 0:28	6/2/2023 5:00	272	0
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506261	6/2/2023 2:25	6/2/2023 10:00	454	0
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1332906	6/2/2023 2:28	6/2/2023 10:00	451	0
791361	6/2/2023 2:28	6/2/2023 10:00	451	0
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1349177	6/2/2023 2:31	6/2/2023 2:44	13	0
8734029	6/2/2023 2:32	6/2/2023 10:00	447	0
1320619	6/2/2023 2:42	6/2/2023 5:10	148	0
1349177	6/2/2023 2:44	6/2/2023 5:11	147	0
160073	6/2/2023 2:55	6/2/2023 10:00	424	0
346288	6/2/2023 3:18	6/2/2023 10:00	401	0
315346	6/2/2023 3:21	6/2/2023 10:00	398	0
6761269	6/2/2023 3:30	6/2/2023 10:00	389	0
345647	6/2/2023 3:31	6/2/2023 10:00	388	0
583848	6/2/2023 3:45	6/2/2023 10:00	374	0
1597937	6/2/2023 3:57	6/2/2023 4:11	14	0
1417138	6/2/2023 3:58	6/2/2023 4:16	18	0
315380	6/2/2023 4:05	6/2/2023 10:00	354	0
1671958	6/2/2023 4:06	6/2/2023 4:17	11	0
496500	6/2/2023 4:09	6/2/2023 10:00	350	0
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6961293	6/2/2023 4:14	6/2/2023 4:33	19	0
1417138	6/2/2023 4:16	6/2/2023 5:18	62	0
1671958	6/2/2023 4:17	6/2/2023 5:26	69	0
6961293	6/2/2023 4:33	6/2/2023 5:14	41	0
581832	6/2/2023 4:35	6/2/2023 4:53	18	0

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1573666	6/2/2023 4:57	6/2/2023 5:16	19	0
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313731	6/2/2023 5:01	6/2/2023 5:16	15	0
1576533	6/2/2023 5:02	6/2/2023 10:00	297	0
8621797	6/2/2023 5:04	6/2/2023 10:00	295	0
1525793	6/2/2023 5:05	6/2/2023 5:21	16	0
810130	6/2/2023 5:05	6/2/2023 10:00	294	0
1321605	6/2/2023 5:07	6/2/2023 10:00	292	0
321310	6/2/2023 5:08	6/2/2023 10:00	291	0
1320619	6/2/2023 5:10	6/2/2023 10:00	289	0
1349177	6/2/2023 5:11	6/2/2023 10:00	288	0
2032900	6/2/2023 5:11	6/2/2023 10:00	288	0
1556919	6/2/2023 5:12	6/2/2023 10:00	287	0
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6961293	6/2/2023 5:14	6/2/2023 10:00	285	0
581832	6/2/2023 5:15	6/2/2023 10:00	284	0
1518241	6/2/2023 5:16	6/2/2023 10:00	283	0
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1597937	6/2/2023 5:17	6/2/2023 10:00	282	0
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1348780	6/2/2023 5:19	6/2/2023 10:00	280	0
1600016	6/2/2023 5:20	6/2/2023 10:00	279	0
313731	6/2/2023 5:21	6/2/2023 10:00	278	0
1525793	6/2/2023 5:21	6/2/2023 5:25	4	0
1525793	6/2/2023 5:25	6/2/2023 10:00	274	0
1671958	6/2/2023 5:26	6/2/2023 10:00	273	0
315380	6/2/2023 10:00	6/3/2023 10:00	1439	0
316630	6/2/2023 10:00	6/3/2023 10:00	1439	0
313011	6/2/2023 10:00	6/3/2023 10:00	1439	0
1599629	6/2/2023 10:00	6/3/2023 10:00	1439	0
583848	6/2/2023 10:00	6/2/2023 11:06	66	0
1309098	6/2/2023 10:00	6/2/2023 11:08	68	0.17
321310	6/2/2023 10:00	6/2/2023 23:18	798	0
1539391	6/2/2023 10:00	6/3/2023 10:00	1439	0
1600016	6/2/2023 10:00	6/3/2023 10:00	1439	0
1525793	6/2/2023 10:00	6/2/2023 23:15	795	0
1702895	6/2/2023 10:00	6/3/2023 10:00	1439	0
793638	6/2/2023 10:00	6/3/2023 10:00	1439	0.56
8387677	6/2/2023 10:00	6/3/2023 10:00	1439	0
8564413	6/2/2023 10:00	6/2/2023 23:47	827	0
313954	6/2/2023 10:00	6/3/2023 10:00	1439	0

564357	6/2/2023 10:00	6/3/2023 10:00	1439	0
1350598	6/2/2023 10:00	6/2/2023 20:20	620	0
572882	6/2/2023 10:00	6/3/2023 3:28	1048	0
772378	6/2/2023 10:00	6/2/2023 11:05	65	0
572916	6/2/2023 10:00	6/3/2023 10:00	1439	0
1321605	6/2/2023 10:00	6/3/2023 1:19	919	1.66
1538577	6/2/2023 10:00	6/2/2023 12:14	134	0
1576533	6/2/2023 10:00	6/2/2023 11:06	66	0
1190820	6/2/2023 10:00	6/2/2023 11:11	71	0
1386169	6/2/2023 10:00	6/3/2023 10:00	1439	0.02
810130	6/2/2023 10:00	6/2/2023 23:36	816	0
314564	6/2/2023 10:00	6/3/2023 10:00	1439	0
315604	6/2/2023 10:00	6/2/2023 23:15	795	0
1671958	6/2/2023 10:00	6/2/2023 11:09	69	0
563721	6/2/2023 10:00	6/2/2023 23:27	807	0
1556919	6/2/2023 10:00	6/2/2023 23:15	795	0.11
507365	6/2/2023 10:00	6/2/2023 11:14	74	0
1573666	6/2/2023 10:00	6/2/2023 23:08	788	0
1432509	6/2/2023 10:00	6/2/2023 11:07	67	0
903630	6/2/2023 10:00	6/3/2023 10:00	1439	0.26
8511623	6/2/2023 10:00	6/3/2023 10:00	1439	0
1430553	6/2/2023 10:00	6/2/2023 11:11	71	0
751178	6/2/2023 10:00	6/3/2023 3:43	1063	0
46184	6/2/2023 10:00	6/3/2023 10:00	1439	0
260516	6/2/2023 10:00	6/2/2023 11:06	66	0
7415418	6/2/2023 10:00	6/3/2023 10:00	1439	0
8148103	6/2/2023 10:00	6/3/2023 10:00	1439	0
656628	6/2/2023 10:00	6/2/2023 23:56	836	1.57
315346	6/2/2023 10:00	6/2/2023 11:07	67	0
6761269	6/2/2023 10:00	6/2/2023 11:05	65	0
313731	6/2/2023 10:00	6/3/2023 10:00	1439	0
1348780	6/2/2023 10:00	6/3/2023 10:00	1439	0
8621797	6/2/2023 10:00	6/2/2023 17:06	426	0
496500	6/2/2023 10:00	6/2/2023 11:09	69	0
51483	6/2/2023 10:00	6/2/2023 23:07	787	0
346288	6/2/2023 10:00	6/2/2023 11:07	67	0
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8590289	6/2/2023 10:00	6/3/2023 10:00	1439	0
345647	6/2/2023 10:00	6/2/2023 11:06	66	0
1700586	6/2/2023 10:00	6/2/2023 11:04	64	0
790670	6/2/2023 10:00	6/3/2023 0:23	863	0
6623421	6/2/2023 10:00	6/2/2023 17:06	426	0.01
1309133	6/2/2023 10:00	6/3/2023 10:00	1439	0.12
1385122	6/2/2023 10:00	6/3/2023 10:00	1439	0
7533405	6/2/2023 10:00	6/2/2023 11:08	68	0
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1332906	6/2/2023 10:00	6/3/2023 10:00	1439	0

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1299402	6/2/2023 10:00	6/3/2023 10:00	1439	0
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264186	6/2/2023 10:00	6/3/2023 10:00	1439	0
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280780	6/2/2023 10:00	6/3/2023 0:28	868	0.04
705447	6/2/2023 10:00	6/3/2023 10:00	1439	0
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1514004	6/2/2023 10:00	6/2/2023 11:07	67	0
637185	6/2/2023 10:00	6/3/2023 10:00	1439	0
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316997	6/2/2023 10:20	6/2/2023 11:26	66	0
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1557100	6/2/2023 11:05	6/2/2023 23:25	740	0
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6761269	6/2/2023 11:05	6/2/2023 22:21	676	0
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260516	6/2/2023 11:06	6/2/2023 23:17	731	0
345647	6/2/2023 11:06	6/2/2023 23:09	723	0
583848	6/2/2023 11:06	6/2/2023 23:11	725	0
1576533	6/2/2023 11:06	6/2/2023 20:05	539	1.68
1514004	6/2/2023 11:07	6/3/2023 0:14	787	0
315346	6/2/2023 11:07	6/2/2023 22:37	690	0
1407947	6/2/2023 11:07	6/2/2023 22:25	678	0.01
1432509	6/2/2023 11:07	6/2/2023 23:28	741	0
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1309098	6/2/2023 11:08	6/3/2023 2:24	916	1.62
1671958	6/2/2023 11:09	6/3/2023 2:21	912	0.28
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1190820	6/2/2023 11:11	6/2/2023 20:30	559	0
1430553	6/2/2023 11:11	6/2/2023 16:46	335	1.73
507365	6/2/2023 11:14	6/2/2023 20:16	542	0
316997	6/2/2023 11:26	6/2/2023 22:07	641	0.1
564518	6/2/2023 11:27	6/2/2023 23:08	701	0
1503562	6/2/2023 11:37	6/2/2023 23:38	721	0.21

1368745	6/2/2023 11:48	6/2/2023 22:47	659	0
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8068454	6/2/2023 13:12	6/2/2023 22:55	583	0
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456099	6/2/2023 15:26	6/3/2023 3:23	717	0
1557188	6/2/2023 15:50	6/3/2023 2:21	631	0
1985687	6/2/2023 15:58	6/2/2023 17:02	64	0
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6992958	6/2/2023 16:26	6/2/2023 22:28	362	0
1220897	6/2/2023 16:29	6/2/2023 22:32	363	0
6961293	6/2/2023 16:34	6/2/2023 22:28	354	0
793690	6/2/2023 16:42	6/2/2023 22:43	361	0
1527935	6/2/2023 16:43	6/2/2023 22:33	350	0
160073	6/2/2023 16:43	6/2/2023 22:38	355	0
456084	6/2/2023 16:45	6/2/2023 23:00	375	0
1272457	6/2/2023 16:46	6/2/2023 22:33	347	0
1430553	6/2/2023 16:46	6/2/2023 17:03	17	0
1495134	6/2/2023 16:47	6/2/2023 23:02	375	0
1464949	6/2/2023 16:59	6/2/2023 22:59	360	0
1985687	6/2/2023 17:02	6/2/2023 17:11	9	0
121748	6/2/2023 17:03	6/2/2023 19:31	148	0
1430553	6/2/2023 17:03	6/2/2023 19:46	163	0
6623421	6/2/2023 17:06	6/2/2023 19:06	120	0
8621797	6/2/2023 17:06	6/2/2023 17:16	10	0
281456	6/2/2023 17:07	6/2/2023 23:20	373	0
1527384	6/2/2023 17:08	6/2/2023 23:15	367	0
307661	6/2/2023 17:09	6/2/2023 20:10	181	0
1985687	6/2/2023 17:11	6/2/2023 21:43	272	0
325050	6/2/2023 17:12	6/2/2023 17:13	1	0
1466638	6/2/2023 17:12	6/2/2023 23:08	356	0
325050	6/2/2023 17:13	6/2/2023 19:32	139	0
8621797	6/2/2023 17:16	6/2/2023 17:35	19	0
1557303	6/2/2023 17:22	6/2/2023 23:24	362	0
8739323	6/2/2023 17:22	6/2/2023 23:19	357	0
9063373	6/2/2023 17:26	6/2/2023 23:18	352	0
1498622	6/2/2023 17:26	6/2/2023 23:32	366	0
1350597	6/2/2023 17:35	6/2/2023 23:35	360	0
8621797	6/2/2023 17:35	6/2/2023 23:17	342	0
1349338	6/2/2023 17:36	6/2/2023 23:29	353	0
1407881	6/2/2023 17:36	6/2/2023 20:15	159	0
1417279	6/2/2023 17:38	6/2/2023 23:26	348	0

415949	6/2/2023 17:42	6/2/2023 23:42	360	0
801004	6/2/2023 17:48	6/2/2023 23:41	353	0
859747	6/2/2023 17:51	6/2/2023 23:42	351	0
1076617	6/2/2023 17:53	6/2/2023 23:31	338	0
1326419	6/2/2023 17:57	6/2/2023 23:35	338	0
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373801	6/2/2023 18:53	6/3/2023 0:26	333	0
396857	6/2/2023 19:01	6/3/2023 10:00	898	0
6623421	6/2/2023 19:06	6/2/2023 23:05	239	0
121748	6/2/2023 19:31	6/2/2023 19:43	12	0
325050	6/2/2023 19:32	6/2/2023 23:07	215	0
1557676	6/2/2023 19:37	6/3/2023 10:00	862	0
121748	6/2/2023 19:43	6/2/2023 23:08	205	0
1430553	6/2/2023 19:46	6/2/2023 22:53	187	0
581074	6/2/2023 19:54	6/2/2023 19:59	5	0
581074	6/2/2023 19:59	6/2/2023 23:45	226	0
1576533	6/2/2023 20:05	6/3/2023 10:00	834	0
307661	6/2/2023 20:10	6/2/2023 23:02	172	0
1407881	6/2/2023 20:15	6/2/2023 20:16	1	0
1407881	6/2/2023 20:16	6/2/2023 22:40	144	0
507365	6/2/2023 20:16	6/3/2023 10:00	823	0
1350598	6/2/2023 20:20	6/2/2023 23:37	197	0
1190820	6/2/2023 20:30	6/3/2023 0:28	238	0
1390184	6/2/2023 20:32	6/3/2023 2:34	362	0
817825	6/2/2023 21:20	6/2/2023 21:36	16	0
817825	6/2/2023 21:36	6/2/2023 23:42	126	0
1985687	6/2/2023 21:43	6/2/2023 23:03	80	0
1518241	6/2/2023 22:05	6/3/2023 0:27	142	0
316997	6/2/2023 22:07	6/3/2023 0:28	141	0
1417138	6/2/2023 22:09	6/3/2023 0:28	139	0
496500	6/2/2023 22:15	6/3/2023 0:28	133	0
6761269	6/2/2023 22:21	6/3/2023 0:28	127	0
1407947	6/2/2023 22:25	6/3/2023 0:28	123	0
6961293	6/2/2023 22:28	6/3/2023 0:28	120	0
6992958	6/2/2023 22:28	6/3/2023 0:28	120	0
1220897	6/2/2023 22:32	6/3/2023 0:28	116	0
1527935	6/2/2023 22:33	6/3/2023 0:28	115	0
1272457	6/2/2023 22:33	6/3/2023 0:28	115	0
315346	6/2/2023 22:37	6/3/2023 0:28	111	0
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160073	6/2/2023 22:38	6/3/2023 0:28	110	0

7533405	6/2/2023 22:39	6/3/2023 0:28	109	0
1407881	6/2/2023 22:40	6/3/2023 10:00	679	0
793690	6/2/2023 22:43	6/3/2023 0:28	105	0
1538577	6/2/2023 22:44	6/3/2023 0:28	104	0
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456084	6/2/2023 23:00	6/3/2023 0:28	88	0
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1301093	6/2/2023 23:00	6/3/2023 0:28	88	0
307661	6/2/2023 23:02	6/3/2023 0:28	86	0
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1985687	6/2/2023 23:03	6/3/2023 0:28	85	0
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325050	6/2/2023 23:07	6/3/2023 0:28	81	0
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345647	6/2/2023 23:09	6/3/2023 0:28	79	0
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315604	6/2/2023 23:15	6/3/2023 0:28	73	0
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8621797	6/2/2023 23:17	6/3/2023 0:28	71	0
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8734029	6/2/2023 23:18	6/3/2023 0:28	70	0
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8739323	6/2/2023 23:19	6/3/2023 0:28	69	0
308032	6/2/2023 23:19	6/3/2023 0:28	69	0
281456	6/2/2023 23:20	6/3/2023 0:28	68	0
346288	6/2/2023 23:24	6/3/2023 0:28	64	0
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810130	6/2/2023 23:36	6/3/2023 0:28	52	0
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1503562	6/2/2023 23:38	6/3/2023 0:28	50	0
1700586	6/2/2023 23:41	6/3/2023 0:28	47	0
801004	6/2/2023 23:41	6/3/2023 0:28	47	0
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859747	6/2/2023 23:42	6/3/2023 0:28	46	0
415949	6/2/2023 23:42	6/3/2023 0:28	46	0
581074	6/2/2023 23:45	6/3/2023 0:28	43	0
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8564413	6/2/2023 23:47	6/3/2023 0:28	41	0
656628	6/2/2023 23:56	6/3/2023 0:28	32	0
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1518241	6/3/2023 0:27	6/3/2023 0:29	2	0
1432509	6/3/2023 0:28	6/3/2023 3:48	200	0
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307661	6/3/2023 0:28	6/3/2023 3:42	194	0
772378	6/3/2023 0:28	6/3/2023 2:07	99	0
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6761269	6/3/2023 0:28	6/3/2023 3:01	153	0
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260516	6/3/2023 0:28	6/3/2023 3:37	189	0
346288	6/3/2023 0:28	6/3/2023 2:24	116	0
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808829	6/3/2023 0:28	6/3/2023 3:53	205	0
1985687	6/3/2023 0:28	6/3/2023 3:27	179	0
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6961293	6/3/2023 0:28	6/3/2023 3:08	160	0
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8068454	6/3/2023 0:28	6/3/2023 4:35	247	0
308032	6/3/2023 0:28	6/3/2023 0:59	31	0

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1503562	6/3/2023 0:28	6/3/2023 3:38	190	0
1301093	6/3/2023 0:28	6/3/2023 3:20	172	0
581074	6/3/2023 0:28	6/3/2023 3:45	197	0
859747	6/3/2023 0:28	6/3/2023 2:22	114	0
790670	6/3/2023 0:28	6/3/2023 4:03	215	0
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810130	6/3/2023 0:28	6/3/2023 2:36	128	0
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315604	6/3/2023 0:28	6/3/2023 3:15	167	0
8564413	6/3/2023 0:28	6/3/2023 2:07	99	0
801004	6/3/2023 0:28	6/3/2023 3:41	193	0
8621797	6/3/2023 0:28	6/3/2023 1:37	69	0
456084	6/3/2023 0:28	6/3/2023 4:20	232	0
1498622	6/3/2023 0:28	6/3/2023 4:12	224	0
6623421	6/3/2023 0:28	6/3/2023 2:45	137	0
51483	6/3/2023 0:28	6/3/2023 2:27	119	0
1538577	6/3/2023 0:28	6/3/2023 3:24	176	0
1464949	6/3/2023 0:28	6/3/2023 3:19	171	0
1407947	6/3/2023 0:28	6/3/2023 1:05	37	0
281456	6/3/2023 0:28	6/3/2023 3:40	192	0
1466638	6/3/2023 0:28	6/3/2023 3:08	160	0
1556919	6/3/2023 0:28	6/3/2023 3:55	207	0
1349338	6/3/2023 0:28	6/3/2023 3:29	181	0
8739323	6/3/2023 0:28	6/3/2023 2:19	111	0
1700586	6/3/2023 0:28	6/3/2023 0:41	13	0
277301	6/3/2023 0:28	6/3/2023 3:27	179	0
345647	6/3/2023 0:28	6/3/2023 3:49	201	0
7533405	6/3/2023 0:28	6/3/2023 3:59	211	0
1220897	6/3/2023 0:28	6/3/2023 2:52	144	0
1527384	6/3/2023 0:28	6/3/2023 3:35	187	0
321310	6/3/2023 0:28	6/3/2023 2:18	110	0
1326419	6/3/2023 0:28	6/3/2023 3:35	187	0
1417279	6/3/2023 0:28	6/3/2023 3:26	178	0
563721	6/3/2023 0:28	6/3/2023 3:27	179	0
1557100	6/3/2023 0:28	6/3/2023 3:45	197	0
564518	6/3/2023 0:28	6/3/2023 2:48	140	0
6503956	6/3/2023 0:28	6/3/2023 3:39	191	0
8668965	6/3/2023 0:28	6/3/2023 2:16	108	0
1350598	6/3/2023 0:28	6/3/2023 3:57	209	0
315346	6/3/2023 0:28	6/3/2023 3:17	169	0
496500	6/3/2023 0:28	6/3/2023 2:35	127	0
325050	6/3/2023 0:28	6/3/2023 3:07	159	0
6992958	6/3/2023 0:28	6/3/2023 3:08	160	0
324290	6/3/2023 0:28	6/3/2023 3:57	209	0

316997	6/3/2023 0:28	6/3/2023 2:47	139	0
1525793	6/3/2023 0:28	6/3/2023 3:35	187	0
9063373	6/3/2023 0:28	6/3/2023 3:58	210	0
1557303	6/3/2023 0:28	6/3/2023 2:24	116	0
373801	6/3/2023 0:29	6/3/2023 2:06	97	0
1518241	6/3/2023 0:29	6/3/2023 5:47	318	0
553863	6/3/2023 0:39	6/3/2023 10:00	560	0
1700586	6/3/2023 0:41	6/3/2023 10:00	558	0
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8621797	6/3/2023 1:37	6/3/2023 10:00	502	0
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8564413	6/3/2023 2:07	6/3/2023 10:00	472	0
8668965	6/3/2023 2:16	6/3/2023 10:00	463	0
808384	6/3/2023 2:17	6/3/2023 10:00	462	0
321310	6/3/2023 2:18	6/3/2023 10:00	461	0
8739323	6/3/2023 2:19	6/3/2023 10:00	460	0
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1671958	6/3/2023 2:21	6/3/2023 10:00	458	0
859747	6/3/2023 2:22	6/3/2023 10:00	457	0
415949	6/3/2023 2:22	6/3/2023 10:00	457	0
1309098	6/3/2023 2:24	6/3/2023 2:42	18	0
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346288	6/3/2023 2:24	6/3/2023 10:00	455	0
1681747	6/3/2023 2:26	6/3/2023 10:00	453	0
51483	6/3/2023 2:27	6/3/2023 10:00	452	0
1190820	6/3/2023 2:30	6/3/2023 2:37	7	0
1437071	6/3/2023 2:32	6/3/2023 10:00	447	0
1390184	6/3/2023 2:34	6/3/2023 2:46	12	0
817825	6/3/2023 2:35	6/3/2023 10:00	444	0
496500	6/3/2023 2:35	6/3/2023 10:00	444	0
810130	6/3/2023 2:36	6/3/2023 10:00	443	0
1190820	6/3/2023 2:37	6/3/2023 3:50	73	0
1093833	6/3/2023 2:38	6/3/2023 10:00	441	0
160073	6/3/2023 2:38	6/3/2023 10:00	441	0
1350597	6/3/2023 2:42	6/3/2023 10:00	437	0
1309098	6/3/2023 2:42	6/3/2023 4:04	82	0
6623421	6/3/2023 2:45	6/3/2023 10:00	434	0
6733217	6/3/2023 2:46	6/3/2023 10:00	433	0
1390184	6/3/2023 2:46	6/3/2023 4:34	108	0
316997	6/3/2023 2:47	6/3/2023 10:00	432	0
564518	6/3/2023 2:48	6/3/2023 10:00	431	0
1417138	6/3/2023 2:49	6/3/2023 10:00	430	0
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1272457	6/3/2023 2:53	6/3/2023 10:00	426	0

1527935	6/3/2023 2:53	6/3/2023 10:00	426	0
6761269	6/3/2023 3:01	6/3/2023 10:00	418	0
793690	6/3/2023 3:03	6/3/2023 10:00	416	0
325050	6/3/2023 3:07	6/3/2023 10:00	412	0
49209	6/3/2023 3:07	6/3/2023 10:00	412	0
6961293	6/3/2023 3:08	6/3/2023 10:00	411	0
1466638	6/3/2023 3:08	6/3/2023 10:00	411	0
6992958	6/3/2023 3:08	6/3/2023 10:00	411	0
1430553	6/3/2023 3:13	6/3/2023 10:00	406	0
315604	6/3/2023 3:15	6/3/2023 10:00	404	0
315346	6/3/2023 3:17	6/3/2023 10:00	402	0
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1301093	6/3/2023 3:20	6/3/2023 10:00	399	0
456099	6/3/2023 3:23	6/3/2023 3:31	8	0
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563721	6/3/2023 3:27	6/3/2023 10:00	392	0
1985687	6/3/2023 3:27	6/3/2023 10:00	392	0
277301	6/3/2023 3:27	6/3/2023 10:00	392	0
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1349338	6/3/2023 3:29	6/3/2023 10:00	390	0
5212517	6/3/2023 3:30	6/3/2023 3:37	7	0
456099	6/3/2023 3:31	6/3/2023 4:43	72	0
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1525793	6/3/2023 3:35	6/3/2023 10:00	384	0
1326419	6/3/2023 3:35	6/3/2023 10:00	384	0
1527384	6/3/2023 3:35	6/3/2023 10:00	384	0
656628	6/3/2023 3:36	6/3/2023 10:00	383	0
260516	6/3/2023 3:37	6/3/2023 10:00	382	0
5212517	6/3/2023 3:37	6/3/2023 3:50	13	0
1503562	6/3/2023 3:38	6/3/2023 10:00	381	0
6503956	6/3/2023 3:39	6/3/2023 10:00	380	0
281456	6/3/2023 3:40	6/3/2023 10:00	379	0
801004	6/3/2023 3:41	6/3/2023 10:00	378	0
307661	6/3/2023 3:42	6/3/2023 10:00	377	0
572882	6/3/2023 3:42	6/3/2023 4:08	26	0
751178	6/3/2023 3:43	6/3/2023 3:56	13	0
581074	6/3/2023 3:45	6/3/2023 10:00	374	0
1557100	6/3/2023 3:45	6/3/2023 10:00	374	0
2032900	6/3/2023 3:46	6/3/2023 10:00	373	0
1432509	6/3/2023 3:48	6/3/2023 10:00	371	0
345647	6/3/2023 3:49	6/3/2023 10:00	370	0
5212517	6/3/2023 3:50	6/3/2023 10:00	369	0
1190820	6/3/2023 3:50	6/3/2023 10:00	369	0
808829	6/3/2023 3:53	6/3/2023 10:00	366	0
1514004	6/3/2023 3:54	6/3/2023 10:00	365	0

1556919	6/3/2023 3:55	6/3/2023 10:00	364	0
751178	6/3/2023 3:56	6/3/2023 4:43	47	0
1350598	6/3/2023 3:57	6/3/2023 10:00	362	0
324290	6/3/2023 3:57	6/3/2023 10:00	362	0
9063373	6/3/2023 3:58	6/3/2023 10:00	361	0
8734029	6/3/2023 3:58	6/3/2023 10:00	361	0
7533405	6/3/2023 3:59	6/3/2023 10:00	360	0
790670	6/3/2023 4:03	6/3/2023 10:00	356	0
1309098	6/3/2023 4:04	6/3/2023 10:00	355	0
572882	6/3/2023 4:08	6/3/2023 10:00	351	0
304345	6/3/2023 4:09	6/3/2023 10:00	350	0
1498622	6/3/2023 4:12	6/3/2023 10:00	347	0
456084	6/3/2023 4:20	6/3/2023 10:00	339	0
1495134	6/3/2023 4:22	6/3/2023 10:00	337	0
1390184	6/3/2023 4:34	6/3/2023 10:00	325	0
8068454	6/3/2023 4:35	6/3/2023 10:00	324	0
456099	6/3/2023 4:43	6/3/2023 10:00	316	0
751178	6/3/2023 4:43	6/3/2023 10:00	316	0
1573666	6/3/2023 5:08	6/3/2023 5:25	17	0
1573666	6/3/2023 5:25	6/3/2023 5:48	23	0
1518241	6/3/2023 5:47	6/3/2023 10:00	252	0
1573666	6/3/2023 5:48	6/3/2023 10:00	251	0
1556919	6/3/2023 10:00	6/3/2023 19:13	553	0
772378	6/3/2023 10:00	6/4/2023 10:00	1439	0
415949	6/3/2023 10:00	6/4/2023 10:00	1439	0
8739323	6/3/2023 10:00	6/4/2023 10:00	1439	0.03
1503562	6/3/2023 10:00	6/4/2023 10:00	1439	0
6992958	6/3/2023 10:00	6/4/2023 10:00	1439	0
1464949	6/3/2023 10:00	6/3/2023 23:07	787	0
1576533	6/3/2023 10:00	6/4/2023 10:00	1439	0.01
1518241	6/3/2023 10:00	6/4/2023 0:36	876	0.03
1368745	6/3/2023 10:00	6/4/2023 10:00	1439	0
1498767	6/3/2023 10:00	6/4/2023 10:00	1439	0
7415418	6/3/2023 10:00	6/4/2023 10:00	1439	0
8668965	6/3/2023 10:00	6/4/2023 10:00	1439	0
1326419	6/3/2023 10:00	6/4/2023 10:00	1439	0.3
810130	6/3/2023 10:00	6/3/2023 12:10	130	0
617514	6/3/2023 10:00	6/3/2023 12:25	145	0
7533405	6/3/2023 10:00	6/3/2023 11:07	67	0
325050	6/3/2023 10:00	6/3/2023 23:18	798	0
456084	6/3/2023 10:00	6/3/2023 22:50	770	0.23
801004	6/3/2023 10:00	6/3/2023 11:17	77	0
8621797	6/3/2023 10:00	6/3/2023 16:46	406	0
1309098	6/3/2023 10:00	6/3/2023 14:03	243	0.17
1432509	6/3/2023 10:00	6/4/2023 10:00	1439	0
1527384	6/3/2023 10:00	6/4/2023 10:00	1439	0
1430553	6/3/2023 10:00	6/3/2023 23:02	782	0.09

1390184	6/3/2023 10:00	6/4/2023 10:00	1439	0
6503956	6/3/2023 10:00	6/3/2023 18:52	532	0
277301	6/3/2023 10:00	6/4/2023 10:00	1439	0
705447	6/3/2023 10:00	6/4/2023 10:00	1439	0
808829	6/3/2023 10:00	6/4/2023 0:17	857	0.07
790670	6/3/2023 10:00	6/3/2023 11:50	110	0
1350597	6/3/2023 10:00	6/3/2023 17:58	478	0
6961293	6/3/2023 10:00	6/3/2023 22:31	751	0
1538577	6/3/2023 10:00	6/3/2023 16:59	419	0.1
260516	6/3/2023 10:00	6/3/2023 11:13	73	0
1573666	6/3/2023 10:00	6/4/2023 10:00	1439	0
51483	6/3/2023 10:00	6/4/2023 10:00	1439	0
1498622	6/3/2023 10:00	6/4/2023 10:00	1439	0
793690	6/3/2023 10:00	6/3/2023 22:32	752	0.2
1349338	6/3/2023 10:00	6/3/2023 11:11	71	0.02
1527935	6/3/2023 10:00	6/4/2023 10:00	1439	0
280780	6/3/2023 10:00	6/3/2023 16:05	365	0.55
572882	6/3/2023 10:00	6/3/2023 11:48	108	0
324290	6/3/2023 10:00	6/4/2023 10:00	1439	0
637185	6/3/2023 10:00	6/4/2023 10:00	1439	0
1190820	6/3/2023 10:00	6/3/2023 11:20	80	0
751178	6/3/2023 10:00	6/3/2023 14:50	290	0
1466638	6/3/2023 10:00	6/4/2023 10:00	1439	0
1301093	6/3/2023 10:00	6/4/2023 10:00	1439	0
564357	6/3/2023 10:00	6/4/2023 10:00	1439	0
1539391	6/3/2023 10:00	6/4/2023 10:00	1439	0
456099	6/3/2023 10:00	6/4/2023 10:00	1439	0
563721	6/3/2023 10:00	6/3/2023 18:53	533	0
1495134	6/3/2023 10:00	6/4/2023 10:00	1439	0
859747	6/3/2023 10:00	6/3/2023 15:19	319	0
5212517	6/3/2023 10:00	6/4/2023 2:46	1006	0.01
2032900	6/3/2023 10:00	6/3/2023 11:17	77	0
1557303	6/3/2023 10:00	6/3/2023 11:37	97	0
264186	6/3/2023 10:00	6/4/2023 10:00	1439	0
315346	6/3/2023 10:00	6/4/2023 10:00	1439	0
1350598	6/3/2023 10:00	6/3/2023 23:46	826	0
8068454	6/3/2023 10:00	6/4/2023 10:00	1439	0
1321605	6/3/2023 10:00	6/4/2023 10:00	1439	0.1
817825	6/3/2023 10:00	6/3/2023 15:26	326	0
306565	6/3/2023 10:00	6/4/2023 10:00	1439	0
1076617	6/3/2023 10:00	6/4/2023 10:00	1439	0
49209	6/3/2023 10:00	6/3/2023 22:39	759	0
1272457	6/3/2023 10:00	6/3/2023 22:46	766	0.23
1417279	6/3/2023 10:00	6/4/2023 10:00	1439	0
315604	6/3/2023 10:00	6/4/2023 10:00	1439	0
656628	6/3/2023 10:00	6/3/2023 11:48	108	0
1557676	6/3/2023 10:00	6/4/2023 10:00	1439	0

1407881	6/3/2023 10:00	6/4/2023 10:00	1439	0
1557100	6/3/2023 10:00	6/4/2023 10:00	1439	0
1700586	6/3/2023 10:00	6/3/2023 11:51	111	0.1
121748	6/3/2023 10:00	6/3/2023 23:01	781	0.07
396857	6/3/2023 10:00	6/4/2023 10:00	1439	0
321310	6/3/2023 10:00	6/3/2023 11:25	85	0
1525793	6/3/2023 10:00	6/3/2023 11:04	64	0
583848	6/3/2023 10:00	6/3/2023 14:43	283	0
308032	6/3/2023 10:00	6/3/2023 16:22	382	0.68
1514004	6/3/2023 10:00	6/4/2023 10:00	1439	0
281456	6/3/2023 10:00	6/4/2023 10:00	1439	0
8734029	6/3/2023 10:00	6/3/2023 11:29	89	0
507365	6/3/2023 10:00	6/4/2023 10:00	1439	0
346288	6/3/2023 10:00	6/4/2023 10:00	1439	0
8564413	6/3/2023 10:00	6/3/2023 12:05	125	0
9063373	6/3/2023 10:00	6/4/2023 10:00	1439	0
581074	6/3/2023 10:00	6/4/2023 10:00	1439	0
496500	6/3/2023 10:20	6/4/2023 0:28	848	0
304345	6/3/2023 10:27	6/4/2023 10:00	1412	0
6733217	6/3/2023 10:28	6/4/2023 0:43	855	0.03
316997	6/3/2023 10:29	6/4/2023 10:00	1410	0
6761269	6/3/2023 10:32	6/4/2023 10:00	1407	0
1525793	6/3/2023 11:04	6/3/2023 23:23	739	0
7533405	6/3/2023 11:07	6/3/2023 11:33	26	0
1349338	6/3/2023 11:11	6/3/2023 23:49	758	0.66
260516	6/3/2023 11:13	6/4/2023 0:28	795	0
801004	6/3/2023 11:17	6/4/2023 0:15	778	0
2032900	6/3/2023 11:17	6/4/2023 0:00	763	0.07
1190820	6/3/2023 11:20	6/4/2023 2:19	899	0.35
1599629	6/3/2023 11:22	6/3/2023 23:22	720	0.7
321310	6/3/2023 11:25	6/3/2023 11:35	10	0
345647	6/3/2023 11:26	6/4/2023 10:00	1353	0
1251782	6/3/2023 11:27	6/3/2023 23:24	717	0
8734029	6/3/2023 11:29	6/3/2023 23:33	724	0
307661	6/3/2023 11:31	6/4/2023 10:00	1348	0
7533405	6/3/2023 11:33	6/3/2023 22:54	681	0.16
321310	6/3/2023 11:35	6/3/2023 15:25	230	0
1557303	6/3/2023 11:37	6/3/2023 11:39	2	0
1511816	6/3/2023 11:37	6/3/2023 23:41	724	0.28
1557303	6/3/2023 11:39	6/3/2023 15:17	218	0.36
656628	6/3/2023 11:48	6/4/2023 0:25	757	0
572882	6/3/2023 11:48	6/3/2023 21:26	578	0
790670	6/3/2023 11:50	6/4/2023 0:18	748	0.09
1700586	6/3/2023 11:51	6/3/2023 12:10	19	0
6714863	6/3/2023 11:52	6/3/2023 22:31	639	0.03
8564413	6/3/2023 12:05	6/3/2023 12:17	12	0
571420	6/3/2023 12:07	6/3/2023 23:05	658	0

810130	6/3/2023 12:10	6/3/2023 12:20	10	0
1700586	6/3/2023 12:10	6/3/2023 15:51	221	0.2
8564413	6/3/2023 12:17	6/3/2023 15:25	188	0
810130	6/3/2023 12:20	6/3/2023 15:10	170	0
617514	6/3/2023 12:25	6/3/2023 22:35	610	0
1309098	6/3/2023 14:03	6/3/2023 20:41	398	0.17
583848	6/3/2023 14:43	6/3/2023 22:21	458	0
751178	6/3/2023 14:50	6/4/2023 3:59	789	0
810130	6/3/2023 15:10	6/3/2023 22:48	458	0
1557303	6/3/2023 15:17	6/3/2023 23:01	464	0
859747	6/3/2023 15:19	6/3/2023 23:00	461	0
321310	6/3/2023 15:25	6/3/2023 23:03	458	0
8564413	6/3/2023 15:25	6/3/2023 23:03	458	0
817825	6/3/2023 15:26	6/3/2023 23:08	462	0
561757	6/3/2023 15:30	6/4/2023 10:00	1109	0
587455	6/3/2023 15:33	6/4/2023 3:22	709	0
1700586	6/3/2023 15:51	6/3/2023 23:35	464	0
872542	6/3/2023 15:55	6/3/2023 22:00	365	0
324045	6/3/2023 15:59	6/3/2023 22:38	399	0
280780	6/3/2023 16:05	6/3/2023 16:22	17	0
1681747	6/3/2023 16:09	6/4/2023 1:25	556	0
1518507	6/3/2023 16:15	6/3/2023 21:58	343	0
569420	6/3/2023 16:19	6/3/2023 22:23	364	0
308032	6/3/2023 16:22	6/3/2023 23:10	408	0
280780	6/3/2023 16:22	6/3/2023 17:25	63	0
1093833	6/3/2023 16:23	6/3/2023 18:03	100	0
860281	6/3/2023 16:28	6/3/2023 22:31	363	0
1985687	6/3/2023 16:35	6/3/2023 23:19	404	0
8621797	6/3/2023 16:46	6/3/2023 23:08	382	0
308859	6/3/2023 16:58	6/3/2023 23:02	364	0
1538577	6/3/2023 16:59	6/3/2023 17:08	9	0
1538577	6/3/2023 17:08	6/3/2023 18:39	91	0
1435127	6/3/2023 17:10	6/3/2023 23:12	362	0
280780	6/3/2023 17:25	6/4/2023 1:00	455	0
1350597	6/3/2023 17:58	6/3/2023 23:57	359	0
1093833	6/3/2023 18:03	6/3/2023 22:22	259	0
1524033	6/3/2023 18:07	6/4/2023 10:00	952	0
1299402	6/3/2023 18:12	6/4/2023 0:10	358	0
558031	6/3/2023 18:24	6/4/2023 10:00	935	0
1538577	6/3/2023 18:39	6/3/2023 22:59	260	0
6503956	6/3/2023 18:52	6/3/2023 23:19	267	0
563721	6/3/2023 18:53	6/3/2023 23:44	291	0
1556919	6/3/2023 19:13	6/3/2023 23:31	258	0
1309098	6/3/2023 20:41	6/4/2023 10:00	798	0
572882	6/3/2023 21:26	6/4/2023 0:28	182	0
1518507	6/3/2023 21:58	6/4/2023 0:28	150	0
872542	6/3/2023 22:00	6/4/2023 0:28	148	0

1387226	6/3/2023 22:18	6/4/2023 10:00	701	0
583848	6/3/2023 22:21	6/4/2023 10:00	698	0
1093833	6/3/2023 22:22	6/4/2023 0:28	126	0
569420	6/3/2023 22:23	6/4/2023 0:28	125	0
860281	6/3/2023 22:31	6/4/2023 0:28	117	0
6961293	6/3/2023 22:31	6/4/2023 0:28	117	0
6714863	6/3/2023 22:31	6/4/2023 0:28	117	0
793690	6/3/2023 22:32	6/4/2023 0:28	116	0
617514	6/3/2023 22:35	6/4/2023 0:28	113	0
324045	6/3/2023 22:38	6/4/2023 10:00	681	0
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1272457	6/3/2023 22:46	6/4/2023 0:28	102	0
810130	6/3/2023 22:48	6/4/2023 10:00	671	0
456084	6/3/2023 22:50	6/4/2023 0:28	98	0
7533405	6/3/2023 22:54	6/4/2023 0:28	94	0
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1557303	6/3/2023 23:01	6/4/2023 10:00	658	0
121748	6/3/2023 23:01	6/4/2023 10:00	658	0
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1430553	6/3/2023 23:02	6/4/2023 0:28	86	0
8564413	6/3/2023 23:03	6/4/2023 10:00	656	0
321310	6/3/2023 23:03	6/4/2023 10:00	656	0
571420	6/3/2023 23:05	6/4/2023 10:00	654	0
1464949	6/3/2023 23:07	6/4/2023 0:28	81	0
817825	6/3/2023 23:08	6/4/2023 10:00	651	0
8621797	6/3/2023 23:08	6/4/2023 0:28	80	0
308032	6/3/2023 23:10	6/4/2023 10:00	649	0
1435127	6/3/2023 23:12	6/4/2023 0:28	76	0
325050	6/3/2023 23:18	6/4/2023 0:28	70	0
1985687	6/3/2023 23:19	6/4/2023 10:00	640	0
6503956	6/3/2023 23:19	6/4/2023 0:28	69	0
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1251782	6/3/2023 23:24	6/4/2023 0:28	64	0
1556919	6/3/2023 23:31	6/4/2023 0:28	57	0
8734029	6/3/2023 23:33	6/4/2023 0:28	55	0
1700586	6/3/2023 23:35	6/4/2023 10:00	624	0
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1349338	6/3/2023 23:49	6/4/2023 0:28	39	0
1350597	6/3/2023 23:57	6/4/2023 0:28	31	0
2032900	6/4/2023 0:00	6/4/2023 0:28	28	0
1299402	6/4/2023 0:10	6/4/2023 0:28	18	0
801004	6/4/2023 0:15	6/4/2023 0:28	13	0
808829	6/4/2023 0:17	6/4/2023 0:36	19	0

790670	6/4/2023 0:18	6/4/2023 0:38	20	0
656628	6/4/2023 0:25	6/4/2023 0:28	3	0
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496500	6/4/2023 0:28	6/4/2023 10:00	571	0
1272457	6/4/2023 0:28	6/4/2023 2:26	118	0
801004	6/4/2023 0:28	6/4/2023 2:14	106	0
1251782	6/4/2023 0:28	6/4/2023 4:24	236	0
456084	6/4/2023 0:28	6/4/2023 3:10	162	0
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260516	6/4/2023 0:28	6/4/2023 10:00	571	0
1464949	6/4/2023 0:28	6/4/2023 2:07	99	0
793690	6/4/2023 0:28	6/4/2023 1:52	84	0
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6961293	6/4/2023 0:28	6/4/2023 2:11	103	0
1299402	6/4/2023 0:28	6/4/2023 3:30	182	0
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656628	6/4/2023 0:28	6/4/2023 2:25	117	0
325050	6/4/2023 0:28	6/4/2023 1:58	90	0
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860281	6/4/2023 0:28	6/4/2023 1:51	83	0
1093833	6/4/2023 0:28	6/4/2023 1:42	74	0
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617514	6/4/2023 0:28	6/4/2023 3:15	167	0
6714863	6/4/2023 0:28	6/4/2023 2:31	123	0
1350597	6/4/2023 0:28	6/4/2023 1:37	69	0
1511816	6/4/2023 0:28	6/4/2023 2:41	133	0
563721	6/4/2023 0:28	6/4/2023 2:24	116	0
1538577	6/4/2023 0:28	6/4/2023 2:19	111	0
1350598	6/4/2023 0:28	6/4/2023 2:46	138	0
1430553	6/4/2023 0:28	6/4/2023 2:02	94	0
8621797	6/4/2023 0:28	6/4/2023 2:48	140	0
872542	6/4/2023 0:28	6/4/2023 3:20	172	0
1556919	6/4/2023 0:28	6/4/2023 2:51	143	0
6503956	6/4/2023 0:28	6/4/2023 2:19	111	0
8734029	6/4/2023 0:28	6/4/2023 2:53	145	0
1435127	6/4/2023 0:28	6/4/2023 2:12	104	0
1518507	6/4/2023 0:28	6/4/2023 1:38	70	0
1518241	6/4/2023 0:36	6/4/2023 0:42	6	0
808829	6/4/2023 0:36	6/4/2023 1:20	44	0
790670	6/4/2023 0:38	6/4/2023 2:18	100	0
1518241	6/4/2023 0:42	6/4/2023 2:11	89	0
6733217	6/4/2023 0:43	6/4/2023 10:00	556	0
280780	6/4/2023 1:00	6/4/2023 10:00	539	0
808829	6/4/2023 1:20	6/4/2023 10:00	519	0
569420	6/4/2023 1:23	6/4/2023 10:00	516	0

1681747	6/4/2023 1:25	6/4/2023 10:00	514	0
1350597	6/4/2023 1:37	6/4/2023 10:00	502	0
1518507	6/4/2023 1:38	6/4/2023 10:00	501	0
1093833	6/4/2023 1:42	6/4/2023 10:00	497	0
860281	6/4/2023 1:51	6/4/2023 10:00	488	0
793690	6/4/2023 1:52	6/4/2023 10:00	487	0
325050	6/4/2023 1:58	6/4/2023 9:43	465	0
1430553	6/4/2023 2:02	6/4/2023 10:00	477	0
1464949	6/4/2023 2:07	6/4/2023 10:00	472	0
6961293	6/4/2023 2:11	6/4/2023 10:00	468	0
1518241	6/4/2023 2:11	6/4/2023 10:00	468	0
1435127	6/4/2023 2:12	6/4/2023 10:00	467	0
801004	6/4/2023 2:14	6/4/2023 10:00	465	0
790670	6/4/2023 2:18	6/4/2023 10:00	461	0
1538577	6/4/2023 2:19	6/4/2023 10:00	460	0
6503956	6/4/2023 2:19	6/4/2023 10:00	460	0
1190820	6/4/2023 2:19	6/4/2023 2:37	18	0
308859	6/4/2023 2:22	6/4/2023 10:00	457	0
1525793	6/4/2023 2:23	6/4/2023 10:00	456	0
563721	6/4/2023 2:24	6/4/2023 10:00	455	0
656628	6/4/2023 2:25	6/4/2023 10:00	454	0
1272457	6/4/2023 2:26	6/4/2023 10:00	453	0
1349338	6/4/2023 2:29	6/4/2023 10:00	450	0
6714863	6/4/2023 2:31	6/4/2023 10:00	448	0
1190820	6/4/2023 2:37	6/4/2023 2:39	2	0
1190820	6/4/2023 2:39	6/4/2023 10:00	440	0
2032900	6/4/2023 2:40	6/4/2023 10:00	439	0
1511816	6/4/2023 2:41	6/4/2023 10:00	438	0
5212517	6/4/2023 2:46	6/4/2023 10:00	433	0
1350598	6/4/2023 2:46	6/4/2023 10:00	433	0
8621797	6/4/2023 2:48	6/4/2023 10:00	431	0
1556919	6/4/2023 2:51	6/4/2023 10:00	428	0
8734029	6/4/2023 2:53	6/4/2023 10:00	426	0
572882	6/4/2023 3:06	6/4/2023 10:00	413	0
456084	6/4/2023 3:10	6/4/2023 10:00	409	0
7533405	6/4/2023 3:14	6/4/2023 10:00	405	0
617514	6/4/2023 3:15	6/4/2023 10:00	404	0
872542	6/4/2023 3:20	6/4/2023 10:00	399	0
587455	6/4/2023 3:22	6/4/2023 10:00	397	0
1299402	6/4/2023 3:30	6/4/2023 10:00	389	0
751178	6/4/2023 3:59	6/4/2023 4:00	1	0
751178	6/4/2023 4:00	6/4/2023 4:19	19	0
751178	6/4/2023 4:19	6/4/2023 10:00	340	0
1251782	6/4/2023 4:24	6/4/2023 10:00	335	0
49209	6/4/2023 4:39	6/4/2023 4:56	17	0
49209	6/4/2023 4:56	6/4/2023 4:59	3	0
49209	6/4/2023 4:59	6/4/2023 10:00	300	0

325050	6/4/2023 9:43	6/4/2023 10:00	16	0
1387226	6/4/2023 10:00	6/4/2023 12:44	164	0
793690	6/4/2023 10:00	6/4/2023 11:08	68	0
860281	6/4/2023 10:00	6/5/2023 10:00	1439	0
1464949	6/4/2023 10:00	6/4/2023 22:48	768	0
321310	6/4/2023 10:00	6/4/2023 22:52	772	0
308859	6/4/2023 10:00	6/5/2023 10:00	1439	0
308032	6/4/2023 10:00	6/5/2023 10:00	1439	0.23
6503956	6/4/2023 10:00	6/4/2023 16:59	419	0
46184	6/4/2023 10:00	6/5/2023 10:00	1439	0
1985687	6/4/2023 10:00	6/5/2023 10:00	1439	0
817825	6/4/2023 10:00	6/4/2023 12:59	179	0.01
859747	6/4/2023 10:00	6/4/2023 11:44	104	0
1599629	6/4/2023 10:00	6/4/2023 11:35	95	0
1557303	6/4/2023 10:00	6/4/2023 11:46	106	0.25
1190820	6/4/2023 10:00	6/5/2023 1:18	918	0.16
49209	6/4/2023 10:00	6/4/2023 11:13	73	0
583848	6/4/2023 10:00	6/5/2023 10:00	1439	0
561757	6/4/2023 10:00	6/4/2023 14:16	256	0
7533405	6/4/2023 10:00	6/4/2023 16:50	410	0.4
8564413	6/4/2023 10:00	6/5/2023 10:00	1439	0
1524033	6/4/2023 10:00	6/5/2023 10:00	1439	0.32
456084	6/4/2023 10:00	6/4/2023 22:30	750	0.49
324045	6/4/2023 10:00	6/4/2023 14:54	294	0
564357	6/4/2023 10:00	6/5/2023 10:00	1439	0
571420	6/4/2023 10:00	6/4/2023 12:23	143	0
1309098	6/4/2023 10:00	6/5/2023 2:09	969	2.62
1518241	6/4/2023 10:00	6/5/2023 10:00	1439	0.77
810130	6/4/2023 10:00	6/4/2023 17:22	442	0
1557676	6/4/2023 10:00	6/4/2023 14:52	292	2.81
5212517	6/4/2023 10:00	6/5/2023 10:00	1439	0
558031	6/4/2023 10:00	6/4/2023 16:31	391	0.51
260516	6/4/2023 10:00	6/4/2023 11:49	109	0
1700586	6/4/2023 10:00	6/4/2023 12:06	126	0
1251782	6/4/2023 10:00	6/5/2023 10:00	1439	0
6961293	6/4/2023 10:00	6/4/2023 16:18	378	0.09
808829	6/4/2023 10:00	6/4/2023 16:34	394	0
280780	6/4/2023 10:00	6/4/2023 16:11	371	0
1350597	6/4/2023 10:00	6/5/2023 10:00	1439	0
496500	6/4/2023 10:00	6/4/2023 11:04	64	0.07
563721	6/4/2023 10:00	6/4/2023 12:06	126	0.52
1498622	6/4/2023 10:00	6/5/2023 10:00	1439	0
801004	6/4/2023 10:00	6/4/2023 16:18	378	0
121748	6/4/2023 10:00	6/5/2023 10:00	1439	0
637185	6/4/2023 10:00	6/5/2023 10:00	1439	0
1299402	6/4/2023 10:00	6/4/2023 18:50	530	0
705447	6/4/2023 10:00	6/5/2023 10:00	1439	0

264186	6/4/2023 10:00	6/5/2023 10:00	1439	0
325050	6/4/2023 10:00	6/4/2023 16:58	418	0
572882	6/4/2023 10:06	6/4/2023 15:32	326	0
587455	6/4/2023 10:08	6/5/2023 2:17	969	0
751178	6/4/2023 10:19	6/4/2023 11:59	100	0.04
1518507	6/4/2023 10:35	6/5/2023 10:00	1404	0.1
1681747	6/4/2023 10:38	6/4/2023 16:08	330	0
772378	6/4/2023 10:40	6/4/2023 12:00	80	0
1093833	6/4/2023 10:42	6/5/2023 10:00	1397	0.06
569420	6/4/2023 10:43	6/4/2023 16:07	324	0.08
6733217	6/4/2023 10:45	6/5/2023 10:00	1394	0
506261	6/4/2023 10:53	6/4/2023 22:11	678	0.45
6714863	6/4/2023 10:55	6/4/2023 17:55	420	0.93
496500	6/4/2023 11:04	6/5/2023 0:28	804	0.5
793690	6/4/2023 11:08	6/4/2023 11:09	1	0
793690	6/4/2023 11:09	6/4/2023 16:28	319	0.12
456099	6/4/2023 11:11	6/4/2023 21:15	604	0.42
49209	6/4/2023 11:13	6/4/2023 13:49	156	0
1430553	6/4/2023 11:15	6/4/2023 22:41	686	0.29
1301093	6/4/2023 11:17	6/4/2023 22:36	679	0.31
1539391	6/4/2023 11:18	6/4/2023 11:32	14	0.09
617514	6/4/2023 11:19	6/5/2023 1:40	861	0
1573666	6/4/2023 11:29	6/5/2023 5:04	1055	0
1539391	6/4/2023 11:32	6/4/2023 16:38	306	0
315345	6/4/2023 11:33	6/4/2023 20:57	564	0
564518	6/4/2023 11:33	6/4/2023 16:58	325	0
1599629	6/4/2023 11:35	6/4/2023 11:46	11	0.02
51483	6/4/2023 11:40	6/4/2023 22:53	673	1.12
1466638	6/4/2023 11:41	6/5/2023 10:00	1338	0
8387677	6/4/2023 11:41	6/4/2023 23:02	681	1.69
1600016	6/4/2023 11:43	6/4/2023 22:07	624	0
859747	6/4/2023 11:44	6/4/2023 23:28	704	0
1599629	6/4/2023 11:46	6/4/2023 15:11	205	0.42
1557303	6/4/2023 11:46	6/4/2023 11:55	9	0
260516	6/4/2023 11:49	6/4/2023 12:04	15	0
1508563	6/4/2023 11:54	6/4/2023 21:27	573	0.07
1557303	6/4/2023 11:55	6/4/2023 14:26	151	0
8668965	6/4/2023 11:56	6/4/2023 23:19	683	0.06
751178	6/4/2023 11:59	6/5/2023 0:55	776	0
772378	6/4/2023 12:00	6/4/2023 12:12	12	0
1511532	6/4/2023 12:02	6/5/2023 1:41	819	0.04
260516	6/4/2023 12:04	6/4/2023 15:09	185	0
1345699	6/4/2023 12:04	6/4/2023 23:21	677	0.33
1700586	6/4/2023 12:06	6/4/2023 12:24	18	0
563721	6/4/2023 12:06	6/4/2023 12:18	12	0
8590289	6/4/2023 12:09	6/4/2023 22:08	599	0.28
772378	6/4/2023 12:12	6/4/2023 16:20	248	0

563721	6/4/2023 12:18	6/4/2023 17:26	308	0
457729	6/4/2023 12:20	6/4/2023 22:39	619	0
571420	6/4/2023 12:23	6/4/2023 12:26	3	0
656628	6/4/2023 12:23	6/4/2023 12:41	18	0.2
1700586	6/4/2023 12:24	6/4/2023 14:47	143	0
571420	6/4/2023 12:26	6/4/2023 14:23	117	0
656628	6/4/2023 12:41	6/4/2023 17:43	302	1.44
790670	6/4/2023 12:42	6/4/2023 23:46	664	0.04
1387226	6/4/2023 12:44	6/4/2023 12:46	2	0
1387226	6/4/2023 12:46	6/4/2023 13:44	58	0
817825	6/4/2023 12:59	6/4/2023 23:31	632	0.01
1387226	6/4/2023 13:44	6/4/2023 17:50	246	0
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561757	6/4/2023 14:16	6/4/2023 23:32	556	0
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1390184	6/4/2023 14:42	6/5/2023 2:21	699	0
1700586	6/4/2023 14:47	6/4/2023 23:36	529	0
1557676	6/4/2023 14:52	6/4/2023 14:54	2	0.03
324045	6/4/2023 14:54	6/5/2023 4:26	812	0
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315752	6/4/2023 15:00	6/4/2023 18:55	235	0
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572882	6/4/2023 15:32	6/4/2023 15:38	6	0
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1597937	6/4/2023 16:01	6/4/2023 21:59	358	0
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1557188	6/4/2023 16:05	6/5/2023 0:28	503	0
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1681747	6/4/2023 16:08	6/4/2023 16:11	3	0
1681747	6/4/2023 16:11	6/4/2023 16:48	37	0
316997	6/4/2023 16:11	6/4/2023 22:10	359	0.02
280780	6/4/2023 16:11	6/4/2023 16:12	1	0
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6961293	6/4/2023 16:18	6/4/2023 16:32	14	0
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793690	6/4/2023 16:28	6/4/2023 16:40	12	0
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6961293	6/4/2023 16:32	6/4/2023 17:18	46	0
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569420	6/4/2023 16:47	6/4/2023 22:05	318	0
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7533405	6/4/2023 16:52	6/4/2023 18:30	98	0
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21820	6/4/2023 17:00	6/4/2023 22:59	359	0
313011	6/4/2023 17:02	6/4/2023 23:01	359	0
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1525793	6/4/2023 17:05	6/4/2023 23:03	358	0
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315380	6/4/2023 17:07	6/4/2023 22:46	339	0
793690	6/4/2023 17:08	6/4/2023 22:26	318	0
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325050	6/4/2023 17:18	6/4/2023 22:58	340	0
6961293	6/4/2023 17:18	6/5/2023 1:01	463	0
1557100	6/4/2023 17:18	6/4/2023 23:02	344	0
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315604	6/4/2023 17:44	6/4/2023 22:58	314	0
563721	6/4/2023 17:46	6/4/2023 23:29	343	0
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656628	6/4/2023 18:00	6/4/2023 18:23	23	0
1387226	6/4/2023 18:04	6/4/2023 21:30	206	0
2032900	6/4/2023 18:08	6/4/2023 23:44	336	0
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280780	6/4/2023 21:51	6/5/2023 0:28	157	0
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8590289	6/4/2023 22:08	6/5/2023 10:00	711	0
316997	6/4/2023 22:10	6/5/2023 10:00	709	0
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1301093	6/4/2023 22:36	6/5/2023 0:28	112	0
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1430553	6/4/2023 22:41	6/5/2023 0:28	107	0
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260516	6/4/2023 22:54	6/5/2023 10:00	665	0
324290	6/4/2023 22:55	6/5/2023 0:28	93	0
1599629	6/4/2023 22:57	6/5/2023 10:00	662	0
325050	6/4/2023 22:58	6/5/2023 0:28	90	0
1557303	6/4/2023 22:58	6/5/2023 0:28	90	0

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8387677	6/4/2023 23:02	6/5/2023 0:28	86	0
1557100	6/4/2023 23:02	6/5/2023 0:28	86	0
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772378	6/4/2023 23:15	6/5/2023 10:00	644	0
8668965	6/4/2023 23:19	6/5/2023 0:28	69	0
1345699	6/4/2023 23:21	6/5/2023 0:28	67	0
859747	6/4/2023 23:28	6/5/2023 0:28	60	0
563721	6/4/2023 23:29	6/5/2023 0:28	59	0
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817825	6/4/2023 23:31	6/5/2023 0:28	57	0
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561757	6/4/2023 23:32	6/5/2023 0:28	56	0
1299402	6/4/2023 23:34	6/5/2023 0:28	54	0
656628	6/4/2023 23:35	6/5/2023 0:28	53	0
1700586	6/4/2023 23:36	6/5/2023 0:28	52	0
2032900	6/4/2023 23:44	6/5/2023 0:28	44	0
790670	6/4/2023 23:46	6/5/2023 0:28	42	0
808829	6/4/2023 23:51	6/5/2023 10:00	608	0
1387226	6/4/2023 23:54	6/5/2023 0:28	34	0
561757	6/5/2023 0:28	6/5/2023 2:45	137	0
790670	6/5/2023 0:28	6/5/2023 1:26	58	0
1301093	6/5/2023 0:28	6/5/2023 1:16	48	0
330528	6/5/2023 0:28	6/5/2023 3:07	159	0
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496500	6/5/2023 0:28	6/5/2023 10:00	571	0
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1539391	6/5/2023 0:28	6/5/2023 2:08	100	0
8387677	6/5/2023 0:28	6/5/2023 5:02	274	0
1299402	6/5/2023 0:28	6/5/2023 2:34	126	0
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1700586	6/5/2023 0:28	6/5/2023 5:36	308	0
313011	6/5/2023 0:28	6/5/2023 1:21	53	0
506261	6/5/2023 0:28	6/5/2023 1:11	43	0
656628	6/5/2023 0:28	6/5/2023 1:55	87	0
6714863	6/5/2023 0:28	6/5/2023 1:34	66	0
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315604	6/5/2023 0:28	6/5/2023 1:18	50	0
325050	6/5/2023 0:28	6/5/2023 0:58	30	0
1387226	6/5/2023 0:28	6/5/2023 5:14	286	0
323747	6/5/2023 0:28	6/5/2023 1:23	55	0

810130	6/5/2023 0:28	6/5/2023 0:51	23	0
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1681747	6/5/2023 0:28	6/5/2023 10:00	571	0
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280780	6/5/2023 0:28	6/5/2023 10:00	571	0
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21820	6/5/2023 0:28	6/5/2023 4:59	271	0
456099	6/5/2023 0:28	6/5/2023 1:31	63	0
324290	6/5/2023 0:28	6/5/2023 1:35	67	0
1345699	6/5/2023 0:28	6/5/2023 5:21	293	0
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859747	6/5/2023 0:28	6/5/2023 2:33	125	0
8668965	6/5/2023 0:28	6/5/2023 1:39	71	0
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854579	6/5/2023 0:28	6/5/2023 2:09	101	0
817825	6/5/2023 0:28	6/5/2023 4:11	223	0
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315345	6/5/2023 0:28	6/5/2023 2:57	149	0
872542	6/5/2023 0:41	6/5/2023 10:00	558	0
793690	6/5/2023 0:46	6/5/2023 10:00	553	0
810130	6/5/2023 0:51	6/5/2023 10:00	548	0
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1430553	6/5/2023 1:01	6/5/2023 10:00	538	0
6961293	6/5/2023 1:01	6/5/2023 10:00	538	0
500173	6/5/2023 1:09	6/5/2023 10:00	530	0.02
506261	6/5/2023 1:11	6/5/2023 10:00	528	0
6503956	6/5/2023 1:12	6/5/2023 10:00	527	0
1557676	6/5/2023 1:12	6/5/2023 10:00	527	0
558031	6/5/2023 1:15	6/5/2023 10:00	524	0.02
1301093	6/5/2023 1:16	6/5/2023 10:00	523	0
315604	6/5/2023 1:18	6/5/2023 10:00	521	0
1190820	6/5/2023 1:18	6/5/2023 10:00	521	0
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1525793	6/5/2023 1:23	6/5/2023 10:00	516	0
323747	6/5/2023 1:23	6/5/2023 10:00	516	0
790670	6/5/2023 1:26	6/5/2023 10:00	513	0
801004	6/5/2023 1:27	6/5/2023 10:00	512	0
563721	6/5/2023 1:29	6/5/2023 10:00	510	0
456099	6/5/2023 1:31	6/5/2023 10:00	508	0
6714863	6/5/2023 1:34	6/5/2023 10:00	505	0
324290	6/5/2023 1:35	6/5/2023 9:03	448	0
8668965	6/5/2023 1:39	6/5/2023 10:00	500	0

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1359177	6/5/2023 1:56	6/5/2023 10:00	483	0
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7533405	6/5/2023 2:06	6/5/2023 10:00	473	0
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1309098	6/5/2023 2:09	6/5/2023 10:00	470	0
854579	6/5/2023 2:09	6/5/2023 9:51	462	0
572882	6/5/2023 2:16	6/5/2023 10:00	463	0
587455	6/5/2023 2:17	6/5/2023 10:00	462	0
1390184	6/5/2023 2:21	6/5/2023 10:00	458	0
859747	6/5/2023 2:33	6/5/2023 10:00	446	0
1299402	6/5/2023 2:34	6/5/2023 10:00	445	0
315752	6/5/2023 2:37	6/5/2023 10:00	442	0
8068454	6/5/2023 2:41	6/5/2023 10:00	438	0
561757	6/5/2023 2:45	6/5/2023 10:00	434	0
315345	6/5/2023 2:57	6/5/2023 10:00	422	0
330528	6/5/2023 3:07	6/5/2023 10:00	412	0
1538577	6/5/2023 3:42	6/5/2023 10:00	377	0
817825	6/5/2023 4:11	6/5/2023 10:00	348	0
324045	6/5/2023 4:26	6/5/2023 4:42	16	0
49209	6/5/2023 4:39	6/5/2023 4:42	3	0
324045	6/5/2023 4:42	6/5/2023 5:46	64	0
49209	6/5/2023 4:42	6/5/2023 4:59	17	0
1464949	6/5/2023 4:48	6/5/2023 10:00	311	0
21820	6/5/2023 4:59	6/5/2023 5:15	16	0
49209	6/5/2023 4:59	6/5/2023 10:00	300	0
8387677	6/5/2023 5:02	6/5/2023 5:20	18	0
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321310	6/5/2023 5:12	6/5/2023 5:18	6	0
1573666	6/5/2023 5:14	6/5/2023 7:04	110	0
1387226	6/5/2023 5:14	6/5/2023 10:00	285	0
21820	6/5/2023 5:15	6/5/2023 5:37	22	0
321310	6/5/2023 5:18	6/5/2023 5:32	14	0
1557303	6/5/2023 5:18	6/5/2023 5:21	3	0
8387677	6/5/2023 5:20	6/5/2023 6:02	42	0
1345699	6/5/2023 5:21	6/5/2023 10:00	278	0
1557303	6/5/2023 5:21	6/5/2023 5:38	17	0
321310	6/5/2023 5:32	6/5/2023 10:00	267	0
571420	6/5/2023 5:32	6/5/2023 10:00	267	0
1700586	6/5/2023 5:36	6/5/2023 5:51	15	0
21820	6/5/2023 5:37	6/5/2023 10:00	262	0
1557303	6/5/2023 5:38	6/5/2023 10:00	261	0
324045	6/5/2023 5:46	6/5/2023 10:00	253	0

1700586	6/5/2023 5:51	6/5/2023 5:56	5	0
1700586	6/5/2023 5:56	6/5/2023 10:00	243	0
8387677	6/5/2023 6:02	6/5/2023 10:00	237	0
1573666	6/5/2023 7:04	6/5/2023 10:00	175	0
324290	6/5/2023 9:03	6/5/2023 10:00	56	0
593397	6/5/2023 9:19	6/5/2023 10:00	40	0
854579	6/5/2023 9:51	6/5/2023 9:56	5	0
854579	6/5/2023 9:56	6/5/2023 10:00	3	0
854579	6/5/2023 10:00	6/6/2023 10:00	1439	0
859747	6/5/2023 10:00	6/5/2023 11:52	112	0
1557676	6/5/2023 10:00	6/6/2023 10:00	1439	0
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751178	6/5/2023 10:00	6/5/2023 15:38	338	0.8
872542	6/5/2023 10:00	6/6/2023 10:00	1439	0.24
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790670	6/5/2023 10:00	6/5/2023 12:13	133	0.16
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1499227	6/5/2023 10:00	6/6/2023 10:00	1439	0.04
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8668965	6/5/2023 10:00	6/5/2023 11:30	90	0
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8590289	6/5/2023 10:00	6/5/2023 21:14	674	0
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637185	6/5/2023 10:00	6/6/2023 10:00	1439	0
1301093	6/5/2023 10:00	6/5/2023 13:06	186	0.15
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324045	6/5/2023 10:00	6/5/2023 15:25	325	0
315604	6/5/2023 10:00	6/5/2023 16:27	387	0.02

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1321605	6/5/2023 10:00	6/6/2023 10:00	1439	1.23
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1600016	6/5/2023 10:00	6/5/2023 23:07	787	0
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325050	6/5/2023 10:00	6/5/2023 16:08	368	0
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315345	6/5/2023 10:00	6/5/2023 21:07	667	0.65
1557188	6/5/2023 10:04	6/6/2023 10:00	1435	0
1597937	6/5/2023 10:07	6/5/2023 15:31	324	0
1681747	6/5/2023 10:08	6/5/2023 14:40	272	0.1
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6961293	6/5/2023 10:29	6/6/2023 10:00	1410	0
506261	6/5/2023 10:33	6/6/2023 10:00	1406	0.04
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1573666	6/5/2023 11:10	6/5/2023 11:14	4	0
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1573666	6/5/2023 11:14	6/5/2023 11:41	27	0
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346288	6/5/2023 11:30	6/5/2023 23:12	702	0.16
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1498622	6/5/2023 11:35	6/5/2023 23:27	712	0
260516	6/5/2023 11:40	6/5/2023 16:52	312	0
563721	6/5/2023 11:40	6/5/2023 11:54	14	0.03
1508563	6/5/2023 11:41	6/5/2023 12:46	65	0.29
1573666	6/5/2023 11:41	6/5/2023 23:12	691	0
1349338	6/5/2023 11:42	6/5/2023 23:34	712	0.62
1350597	6/5/2023 11:43	6/5/2023 23:50	727	1.67
8668965	6/5/2023 11:49	6/5/2023 16:50	301	0.78
859747	6/5/2023 11:52	6/5/2023 12:06	14	0
563721	6/5/2023 11:54	6/5/2023 16:40	286	0
1700586	6/5/2023 11:55	6/5/2023 12:00	5	0
1700586	6/5/2023 12:00	6/5/2023 13:35	95	0.16
2032900	6/5/2023 12:06	6/5/2023 12:09	3	0
859747	6/5/2023 12:06	6/5/2023 17:32	326	0
2032900	6/5/2023 12:09	6/5/2023 17:04	295	0.44
656628	6/5/2023 12:10	6/6/2023 0:08	718	1.02
790670	6/5/2023 12:13	6/5/2023 12:26	13	0.11
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507365	6/5/2023 12:21	6/6/2023 0:04	703	0
790670	6/5/2023 12:26	6/5/2023 15:35	189	0.98
6714863	6/5/2023 12:41	6/5/2023 16:26	225	0.43
1508563	6/5/2023 12:46	6/5/2023 17:18	272	0.38
1301093	6/5/2023 13:06	6/5/2023 22:53	587	0.4
1700586	6/5/2023 13:35	6/5/2023 23:47	612	0.08
1985687	6/5/2023 13:49	6/5/2023 16:53	184	0
1599629	6/5/2023 14:20	6/5/2023 17:01	161	0
1309098	6/5/2023 14:23	6/5/2023 14:41	18	0.1
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1393633	6/5/2023 14:27	6/5/2023 17:28	181	0
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1681747	6/5/2023 14:40	6/5/2023 21:58	438	0
1309098	6/5/2023 14:41	6/5/2023 17:23	162	0.2
617514	6/5/2023 14:43	6/6/2023 1:07	624	0
315306	6/5/2023 15:02	6/6/2023 0:28	566	0.01
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324045	6/5/2023 15:25	6/5/2023 22:41	436	0
587455	6/5/2023 15:28	6/5/2023 15:41	13	0
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1597937	6/5/2023 15:31	6/6/2023 0:28	537	0
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790670	6/5/2023 15:35	6/5/2023 18:11	156	0
751178	6/5/2023 15:38	6/5/2023 15:52	14	0
810130	6/5/2023 15:39	6/5/2023 23:23	464	0
572882	6/5/2023 15:39	6/5/2023 17:31	112	0
587455	6/5/2023 15:41	6/5/2023 17:28	107	0
1511264	6/5/2023 15:42	6/5/2023 15:44	2	0
1511264	6/5/2023 15:44	6/5/2023 22:56	432	0
8148103	6/5/2023 15:46	6/5/2023 22:56	430	0
1093833	6/5/2023 15:46	6/5/2023 16:06	20	0
751178	6/5/2023 15:52	6/5/2023 16:18	26	0
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315604	6/5/2023 16:27	6/5/2023 23:10	403	0
6503956	6/5/2023 16:28	6/5/2023 23:06	398	0
6714863	6/5/2023 16:31	6/5/2023 18:30	119	0
581832	6/5/2023 16:33	6/5/2023 22:38	365	0
323747	6/5/2023 16:34	6/5/2023 22:57	383	0
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1368745	6/5/2023 16:43	6/5/2023 22:48	365	0

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260516	6/5/2023 16:52	6/5/2023 23:28	396	0
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1985687	6/5/2023 16:53	6/5/2023 17:08	15	0
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801004	6/5/2023 16:55	6/5/2023 23:50	415	0
1349766	6/5/2023 16:55	6/5/2023 23:34	399	0
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1347937	6/5/2023 16:58	6/5/2023 23:42	404	0
121748	6/5/2023 16:59	6/5/2023 22:52	353	0
316630	6/5/2023 16:59	6/6/2023 0:28	449	0
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315380	6/5/2023 17:05	6/5/2023 17:16	11	0
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8621797	6/5/2023 17:06	6/5/2023 18:16	70	0
1985687	6/5/2023 17:08	6/5/2023 21:03	235	0
1599629	6/5/2023 17:13	6/5/2023 22:01	288	0
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1348780	6/5/2023 17:23	6/5/2023 23:33	370	0
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1393633	6/5/2023 17:28	6/6/2023 1:09	461	0
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859747	6/5/2023 17:32	6/5/2023 23:51	379	0
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553863	6/5/2023 18:25	6/6/2023 10:00	934	0

8621797	6/5/2023 18:26	6/5/2023 23:05	279	0
6714863	6/5/2023 18:30	6/5/2023 22:31	241	0
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328570	6/5/2023 20:08	6/6/2023 10:00	831	0
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1985687	6/5/2023 21:03	6/5/2023 22:52	109	0
315345	6/5/2023 21:07	6/6/2023 10:00	772	0
8564413	6/5/2023 21:08	6/5/2023 21:10	2	0
8564413	6/5/2023 21:10	6/5/2023 23:51	161	0
8590289	6/5/2023 21:14	6/5/2023 23:31	137	0
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1681747	6/5/2023 21:58	6/6/2023 10:00	721	0
1671958	6/5/2023 22:00	6/6/2023 0:28	148	0
1599629	6/5/2023 22:01	6/5/2023 22:55	54	0
1093833	6/5/2023 22:04	6/6/2023 10:00	715	0
793690	6/5/2023 22:29	6/6/2023 10:00	690	0
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49209	6/5/2023 22:32	6/6/2023 10:00	687	0
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315346	6/5/2023 22:39	6/6/2023 10:00	680	0
7533405	6/5/2023 22:39	6/6/2023 0:28	109	0
1538195	6/5/2023 22:41	6/6/2023 0:28	107	0
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323657	6/5/2023 22:52	6/6/2023 0:28	96	0
772378	6/5/2023 22:53	6/6/2023 10:00	666	0
1301093	6/5/2023 22:53	6/6/2023 0:28	95	0
325050	6/5/2023 22:53	6/6/2023 10:00	666	0
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1624452	6/5/2023 22:55	6/6/2023 10:00	664	0
8068454	6/5/2023 22:55	6/6/2023 0:28	93	0
1599629	6/5/2023 22:55	6/6/2023 9:34	639	0
1511264	6/5/2023 22:56	6/6/2023 10:00	663	0
8148103	6/5/2023 22:56	6/6/2023 10:00	663	0
323747	6/5/2023 22:57	6/6/2023 10:00	662	0
345647	6/5/2023 23:00	6/6/2023 0:28	88	0

808829	6/5/2023 23:05	6/6/2023 10:00	654	0
8621797	6/5/2023 23:05	6/6/2023 0:28	83	0
790670	6/5/2023 23:05	6/6/2023 10:00	654	0
315380	6/5/2023 23:06	6/6/2023 10:00	653	0
314564	6/5/2023 23:06	6/6/2023 10:00	653	0
6503956	6/5/2023 23:06	6/6/2023 10:00	653	0
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8206792	6/5/2023 23:08	6/6/2023 10:00	651	0
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260516	6/5/2023 23:28	6/6/2023 10:00	631	0
8590289	6/5/2023 23:31	6/6/2023 0:28	57	0
1385122	6/5/2023 23:31	6/6/2023 0:28	57	0
1432509	6/5/2023 23:33	6/6/2023 0:28	55	0
1348780	6/5/2023 23:33	6/6/2023 0:28	55	0
8668965	6/5/2023 23:33	6/6/2023 0:28	55	0
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814312	6/5/2023 23:42	6/6/2023 0:28	46	0
1299402	6/5/2023 23:42	6/6/2023 0:28	46	0
1347937	6/5/2023 23:42	6/6/2023 0:28	46	0
1700586	6/5/2023 23:47	6/6/2023 10:00	612	0
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1350597	6/5/2023 23:50	6/6/2023 0:28	38	0
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2032900	6/5/2023 23:57	6/6/2023 0:28	31	0
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7533405	6/6/2023 0:28	6/6/2023 0:59	31	0
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859747	6/6/2023 0:28	6/6/2023 1:11	43	0
51483	6/6/2023 0:28	6/6/2023 5:09	281	0
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814312	6/6/2023 0:28	6/6/2023 0:42	14	0
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1432509	6/6/2023 0:28	6/6/2023 0:53	25	0
1597937	6/6/2023 0:28	6/6/2023 10:00	571	0
1345699	6/6/2023 0:28	6/6/2023 10:00	571	0
8621797	6/6/2023 0:28	6/6/2023 2:05	97	0
1347937	6/6/2023 0:28	6/6/2023 0:42	14	0
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801004	6/6/2023 0:28	6/6/2023 0:30	2	0
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1301093	6/6/2023 0:28	6/6/2023 4:13	225	0
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507365	6/6/2023 0:28	6/6/2023 2:04	96	0
2032900	6/6/2023 0:28	6/6/2023 0:37	9	0
8668965	6/6/2023 0:28	6/6/2023 0:33	5	0
1985687	6/6/2023 0:28	6/6/2023 1:14	46	0
8734029	6/6/2023 0:28	6/6/2023 0:39	11	0
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1348773	6/6/2023 0:28	6/6/2023 10:00	571	0

1671958	6/6/2023 0:28	6/6/2023 10:00	571	0
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801004	6/6/2023 0:30	6/6/2023 10:00	569	0
8668965	6/6/2023 0:33	6/6/2023 10:00	566	0
1349766	6/6/2023 0:34	6/6/2023 10:00	565	0
2032900	6/6/2023 0:37	6/6/2023 10:00	562	0
581074	6/6/2023 0:37	6/6/2023 10:00	562	0
8734029	6/6/2023 0:39	6/6/2023 10:00	560	0
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1347937	6/6/2023 0:42	6/6/2023 10:00	557	0
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1432509	6/6/2023 0:53	6/6/2023 10:00	546	0
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617514	6/6/2023 1:07	6/6/2023 10:00	532	0
6761269	6/6/2023 1:08	6/6/2023 10:00	531	0
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1393633	6/6/2023 1:09	6/6/2023 10:00	530	0
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1985687	6/6/2023 1:14	6/6/2023 10:00	525	0
1556486	6/6/2023 1:15	6/6/2023 10:00	524	0
1390184	6/6/2023 1:16	6/6/2023 10:00	523	0
1299402	6/6/2023 1:22	6/6/2023 8:51	449	0
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323657	6/6/2023 1:32	6/6/2023 10:00	507	0
8068454	6/6/2023 1:35	6/6/2023 10:00	504	0
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8621797	6/6/2023 2:05	6/6/2023 10:00	474	0
817260	6/6/2023 2:08	6/6/2023 10:00	471	0
656628	6/6/2023 2:08	6/6/2023 10:00	471	0
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1349338	6/6/2023 2:14	6/6/2023 10:00	465	0
1368745	6/6/2023 2:27	6/6/2023 10:00	452	0
121748	6/6/2023 2:32	6/6/2023 10:00	447	0
1538577	6/6/2023 2:38	6/6/2023 10:00	441	0
1408176	6/6/2023 2:43	6/6/2023 2:46	3	0
1408176	6/6/2023 2:46	6/6/2023 3:23	37	0
1573666	6/6/2023 2:52	6/6/2023 10:00	427	0
1511251	6/6/2023 2:57	6/6/2023 10:00	422	0
8511623	6/6/2023 3:11	6/6/2023 10:00	408	0
1408176	6/6/2023 3:23	6/6/2023 10:00	396	0
587455	6/6/2023 3:29	6/6/2023 3:44	15	0

587455	6/6/2023 3:44	6/6/2023 4:09	25	0
1508563	6/6/2023 3:54	6/6/2023 10:00	365	0
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1387226	6/6/2023 4:08	6/6/2023 10:00	351	0
587455	6/6/2023 4:09	6/6/2023 10:00	350	0
1301093	6/6/2023 4:13	6/6/2023 10:00	346	0
1385122	6/6/2023 4:31	6/6/2023 10:00	328	0
1514004	6/6/2023 4:37	6/6/2023 10:00	322	0
1600016	6/6/2023 4:47	6/6/2023 10:00	312	0
8590289	6/6/2023 4:51	6/6/2023 10:00	308	0
8564413	6/6/2023 4:51	6/6/2023 10:00	308	0
51483	6/6/2023 5:09	6/6/2023 5:23	14	0
1350597	6/6/2023 5:10	6/6/2023 10:00	289	0
51483	6/6/2023 5:23	6/6/2023 5:49	26	0
1498622	6/6/2023 5:27	6/6/2023 10:00	272	0
51483	6/6/2023 5:49	6/6/2023 10:00	250	0
1299402	6/6/2023 8:51	6/6/2023 10:00	68	0
1599629	6/6/2023 9:34	6/6/2023 10:00	25	0
315380	6/6/2023 10:00	6/6/2023 15:09	309	0.11
790670	6/6/2023 10:00	6/7/2023 10:00	1439	0
323747	6/6/2023 10:00	6/7/2023 10:00	1439	0
1301093	6/6/2023 10:00	6/6/2023 11:07	67	0.11
1600016	6/6/2023 10:00	6/7/2023 10:00	1439	0
8511623	6/6/2023 10:00	6/6/2023 23:19	799	0
6714863	6/6/2023 10:00	6/6/2023 15:32	332	0.16
1573666	6/6/2023 10:00	6/7/2023 10:00	1439	0
51483	6/6/2023 10:00	6/6/2023 11:20	80	0
1349766	6/6/2023 10:00	6/7/2023 10:00	1439	0.08
581832	6/6/2023 10:00	6/6/2023 15:30	330	0
1514004	6/6/2023 10:00	6/6/2023 12:11	131	0
315604	6/6/2023 10:00	6/6/2023 15:15	315	0.01
314564	6/6/2023 10:00	6/6/2023 15:05	305	0
8387677	6/6/2023 10:00	6/6/2023 23:14	794	0
1508563	6/6/2023 10:00	6/6/2023 17:32	452	0.25
1345699	6/6/2023 10:00	6/7/2023 10:00	1439	0
323657	6/6/2023 10:00	6/7/2023 10:00	1439	0.07
315306	6/6/2023 10:00	6/7/2023 10:00	1439	0.77
507365	6/6/2023 10:00	6/6/2023 15:32	332	0
581074	6/6/2023 10:00	6/6/2023 15:32	332	0
315346	6/6/2023 10:00	6/6/2023 13:05	185	0
1599629	6/6/2023 10:00	6/7/2023 10:00	1439	0
1498622	6/6/2023 10:00	6/6/2023 23:51	831	0
1326419	6/6/2023 10:00	6/7/2023 10:00	1439	2.01
49209	6/6/2023 10:00	6/7/2023 10:00	1439	0
8068454	6/6/2023 10:00	6/7/2023 10:00	1439	0
1511264	6/6/2023 10:00	6/7/2023 10:00	1439	0.44
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46184	6/6/2023 10:00	6/7/2023 10:00	1439	0
8564413	6/6/2023 10:00	6/6/2023 23:13	793	0
264186	6/6/2023 10:00	6/7/2023 10:00	1439	0
315345	6/6/2023 10:00	6/6/2023 11:07	67	0.18
1700586	6/6/2023 10:00	6/6/2023 11:55	115	0
705447	6/6/2023 10:00	6/7/2023 10:00	1439	0
260516	6/6/2023 10:00	6/6/2023 11:34	94	0
346288	6/6/2023 10:00	6/6/2023 11:22	82	0
1538577	6/6/2023 10:00	6/6/2023 16:45	405	0.12
1309098	6/6/2023 10:00	6/6/2023 20:23	623	0.85
808829	6/6/2023 10:00	6/7/2023 10:00	1439	0
1393633	6/6/2023 10:00	6/7/2023 10:00	1439	0
7533405	6/6/2023 10:00	6/6/2023 11:00	60	0
8590289	6/6/2023 10:00	6/6/2023 11:47	107	0
1539391	6/6/2023 10:00	6/6/2023 11:05	65	0
496500	6/6/2023 10:00	6/6/2023 14:44	284	0
793690	6/6/2023 10:00	6/6/2023 14:19	259	0.62
328570	6/6/2023 10:00	6/7/2023 10:00	1439	0
8148103	6/6/2023 10:00	6/6/2023 13:17	197	0.01
1299402	6/6/2023 10:00	6/7/2023 10:00	1439	0
801004	6/6/2023 10:00	6/6/2023 15:30	330	0
814312	6/6/2023 10:00	6/7/2023 10:00	1439	0
6503956	6/6/2023 10:00	6/7/2023 10:00	1439	0
1430553	6/6/2023 10:00	6/6/2023 11:06	66	0
564357	6/6/2023 10:00	6/7/2023 10:00	1439	0
572916	6/6/2023 10:00	6/7/2023 10:00	1439	0
8621797	6/6/2023 10:00	6/7/2023 10:00	1439	0
324045	6/6/2023 10:00	6/6/2023 22:48	768	0
772378	6/6/2023 10:00	6/6/2023 11:37	97	0
1349338	6/6/2023 10:00	6/7/2023 10:00	1439	0.01
1348780	6/6/2023 10:00	6/7/2023 10:00	1439	0
637185	6/6/2023 10:00	6/7/2023 10:00	1439	0
656628	6/6/2023 10:00	6/6/2023 12:09	129	0
1193174	6/6/2023 10:00	6/7/2023 10:00	1439	0.2
1511816	6/6/2023 10:00	6/7/2023 10:00	1439	0.02
1390184	6/6/2023 10:00	6/6/2023 14:39	279	0.39
563721	6/6/2023 10:00	6/6/2023 11:44	104	0
810130	6/6/2023 10:00	6/7/2023 10:00	1439	0
325050	6/6/2023 10:00	6/7/2023 10:00	1439	0
791510	6/6/2023 10:00	6/7/2023 10:00	1439	0
345647	6/6/2023 10:00	6/6/2023 11:10	70	0
587455	6/6/2023 10:00	6/7/2023 10:00	1439	0
751178	6/6/2023 10:00	6/7/2023 10:00	1439	0
1538195	6/6/2023 10:00	6/7/2023 10:00	1439	0
1432509	6/6/2023 10:00	6/6/2023 11:34	94	0
1347937	6/6/2023 10:00	6/7/2023 10:00	1439	0
1385122	6/6/2023 10:00	6/7/2023 10:00	1439	0.34

1408176	6/6/2023 10:00	6/7/2023 10:00	1439	0
1190820	6/6/2023 10:00	6/6/2023 14:24	264	0.71
1251782	6/6/2023 10:00	6/7/2023 10:00	1439	0
8206792	6/6/2023 10:00	6/7/2023 10:00	1439	0
1349244	6/6/2023 10:00	6/7/2023 10:00	1439	0
1985687	6/6/2023 10:00	6/7/2023 10:00	1439	0
617514	6/6/2023 10:00	6/6/2023 12:34	154	0
324290	6/6/2023 10:00	6/7/2023 10:00	1439	0
1556486	6/6/2023 10:00	6/7/2023 10:00	1439	0
313011	6/6/2023 10:00	6/6/2023 14:59	299	0
8668965	6/6/2023 10:00	6/6/2023 11:40	100	0
1387226	6/6/2023 10:00	6/7/2023 10:00	1439	0
572882	6/6/2023 10:00	6/6/2023 15:29	329	0.23
1348773	6/6/2023 10:00	6/7/2023 10:00	1439	0
316630	6/6/2023 10:00	6/7/2023 10:00	1439	0.12
2032900	6/6/2023 10:00	6/7/2023 10:00	1439	0
558031	6/6/2023 10:00	6/7/2023 10:00	1439	0
1350597	6/6/2023 10:00	6/7/2023 10:00	1439	0
8734029	6/6/2023 10:00	6/6/2023 11:32	92	0
561757	6/6/2023 10:05	6/7/2023 10:00	1434	0
1524033	6/6/2023 10:10	6/6/2023 21:09	659	1.26
1597937	6/6/2023 10:14	6/7/2023 10:00	1425	0
1681747	6/6/2023 10:15	6/7/2023 10:00	1424	0
1093833	6/6/2023 10:20	6/6/2023 15:04	284	0.14
1671958	6/6/2023 10:21	6/7/2023 10:00	1418	0
817260	6/6/2023 10:22	6/7/2023 10:00	1417	0
21820	6/6/2023 10:23	6/6/2023 23:25	782	0.22
316997	6/6/2023 10:24	6/6/2023 12:57	153	0
6761269	6/6/2023 10:26	6/6/2023 13:15	169	0
506261	6/6/2023 10:27	6/6/2023 22:48	741	0.07
7533405	6/6/2023 11:00	6/6/2023 15:30	270	0.22
1539391	6/6/2023 11:05	6/6/2023 16:29	324	0.8
1430553	6/6/2023 11:06	6/6/2023 15:18	252	2.2
315345	6/6/2023 11:07	6/6/2023 20:27	560	0.28
1301093	6/6/2023 11:07	6/6/2023 11:58	51	0.77
8104722	6/6/2023 11:08	6/6/2023 23:07	719	0
345647	6/6/2023 11:10	6/6/2023 11:16	6	0
564518	6/6/2023 11:11	6/6/2023 23:10	719	0
345647	6/6/2023 11:16	6/6/2023 13:17	121	0
51483	6/6/2023 11:20	6/6/2023 11:21	1	0
51483	6/6/2023 11:21	6/6/2023 13:20	119	0
317126	6/6/2023 11:22	6/6/2023 23:07	705	0
346288	6/6/2023 11:22	6/6/2023 11:33	11	0
266906	6/6/2023 11:24	6/6/2023 23:22	718	0
8734029	6/6/2023 11:32	6/6/2023 11:42	10	0
381338	6/6/2023 11:32	6/6/2023 23:09	697	0.14
346288	6/6/2023 11:33	6/6/2023 13:09	96	0.02

260516	6/6/2023 11:34	6/6/2023 11:39	5	0
1432509	6/6/2023 11:34	6/6/2023 11:43	9	0
1498767	6/6/2023 11:36	6/6/2023 23:05	689	0.49
772378	6/6/2023 11:37	6/6/2023 11:47	10	0
260516	6/6/2023 11:39	6/6/2023 15:30	231	0
8668965	6/6/2023 11:40	6/6/2023 11:48	8	0
8734029	6/6/2023 11:42	6/6/2023 15:29	227	0
1432509	6/6/2023 11:43	6/6/2023 15:30	227	0
563721	6/6/2023 11:44	6/6/2023 11:53	9	0
772378	6/6/2023 11:47	6/6/2023 14:02	135	0
8590289	6/6/2023 11:47	6/6/2023 11:51	4	0
8668965	6/6/2023 11:48	6/6/2023 15:28	220	0
8590289	6/6/2023 11:51	6/6/2023 12:27	36	0
563721	6/6/2023 11:53	6/6/2023 15:44	231	0.09
859747	6/6/2023 11:55	6/6/2023 12:06	11	0
1700586	6/6/2023 11:55	6/6/2023 11:59	4	0
1301093	6/6/2023 11:58	6/6/2023 22:59	661	0.63
1700586	6/6/2023 11:59	6/6/2023 15:31	212	0.1
859747	6/6/2023 12:06	6/6/2023 15:28	202	0
593366	6/6/2023 12:08	6/6/2023 23:55	707	0
656628	6/6/2023 12:09	6/6/2023 12:18	9	0
1514004	6/6/2023 12:11	6/6/2023 23:12	661	0.53
656628	6/6/2023 12:18	6/6/2023 15:28	190	0.29
8590289	6/6/2023 12:27	6/6/2023 23:09	642	0
617514	6/6/2023 12:34	6/6/2023 22:35	601	0
316997	6/6/2023 12:57	6/6/2023 20:54	477	0.44
315346	6/6/2023 13:05	6/6/2023 22:46	581	0
346288	6/6/2023 13:09	6/6/2023 20:41	452	0
6761269	6/6/2023 13:15	6/6/2023 22:27	552	0
345647	6/6/2023 13:17	6/6/2023 23:10	593	0
8148103	6/6/2023 13:17	6/6/2023 23:14	597	0.01
51483	6/6/2023 13:20	6/6/2023 23:01	581	0
48217	6/6/2023 13:43	6/6/2023 23:22	579	0
1073505	6/6/2023 13:54	6/7/2023 2:29	755	0
772378	6/6/2023 14:02	6/6/2023 22:58	536	0
793690	6/6/2023 14:19	6/6/2023 22:41	502	0
1190820	6/6/2023 14:24	6/6/2023 14:37	13	0
6733217	6/6/2023 14:25	6/6/2023 22:04	459	0
1190820	6/6/2023 14:37	6/6/2023 15:44	67	0
1390184	6/6/2023 14:39	6/6/2023 14:46	7	0
496500	6/6/2023 14:44	6/6/2023 22:08	444	0
1390184	6/6/2023 14:46	6/6/2023 15:29	43	0
313011	6/6/2023 14:59	6/6/2023 22:59	480	0
315752	6/6/2023 15:01	6/7/2023 10:00	1138	0
313954	6/6/2023 15:03	6/6/2023 22:41	458	0
1093833	6/6/2023 15:04	6/6/2023 22:23	439	0
314564	6/6/2023 15:05	6/6/2023 23:02	477	0

315380	6/6/2023 15:09	6/6/2023 23:10	481	0
315604	6/6/2023 15:15	6/6/2023 23:14	479	0
1430553	6/6/2023 15:18	6/6/2023 22:55	457	0.2
6168330	6/6/2023 15:28	6/7/2023 1:31	603	0
859747	6/6/2023 15:28	6/7/2023 0:01	513	0
656628	6/6/2023 15:28	6/7/2023 0:08	520	0
8668965	6/6/2023 15:28	6/6/2023 23:01	453	0
330528	6/6/2023 15:29	6/7/2023 10:00	1110	0
1407947	6/6/2023 15:29	6/6/2023 22:29	420	0
1407881	6/6/2023 15:29	6/6/2023 23:14	465	0
8734029	6/6/2023 15:29	6/6/2023 23:12	463	0
572882	6/6/2023 15:29	6/6/2023 21:26	357	0
1390184	6/6/2023 15:29	6/6/2023 20:37	308	0
260516	6/6/2023 15:30	6/6/2023 23:16	466	0
581832	6/6/2023 15:30	6/6/2023 22:55	445	0
315088	6/6/2023 15:30	6/7/2023 10:00	1109	0
1518241	6/6/2023 15:30	6/6/2023 23:15	465	0
801004	6/6/2023 15:30	6/6/2023 23:11	461	0
1432509	6/6/2023 15:30	6/6/2023 23:16	466	0
7533405	6/6/2023 15:30	6/6/2023 22:49	439	0
1700586	6/6/2023 15:31	6/6/2023 23:16	465	0
1394543	6/6/2023 15:31	6/6/2023 23:36	485	0
1309133	6/6/2023 15:31	6/7/2023 10:00	1108	0
9060925	6/6/2023 15:32	6/6/2023 23:18	466	0
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6714863	6/6/2023 15:32	6/6/2023 22:41	429	0
507365	6/6/2023 15:32	6/6/2023 23:01	449	0
563721	6/6/2023 15:44	6/6/2023 23:22	458	0
1190820	6/6/2023 15:44	6/6/2023 20:24	280	0
23566	6/6/2023 16:02	6/7/2023 10:00	1077	0
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444600	6/6/2023 16:31	6/7/2023 0:56	505	0
1538577	6/6/2023 16:45	6/6/2023 17:03	18	0
1073506	6/6/2023 16:52	6/7/2023 10:00	1027	0
265473	6/6/2023 16:56	6/7/2023 10:00	1023	0
1538577	6/6/2023 17:03	6/6/2023 17:25	22	0
561672	6/6/2023 17:10	6/7/2023 10:00	1009	0
1538577	6/6/2023 17:25	6/6/2023 23:05	340	0
1508563	6/6/2023 17:32	6/6/2023 17:42	10	0
1508563	6/6/2023 17:42	6/6/2023 19:12	90	0
1321605	6/6/2023 18:00	6/7/2023 10:00	959	0
1508563	6/6/2023 19:12	6/6/2023 23:34	262	0
1309098	6/6/2023 20:23	6/7/2023 10:00	816	0
1190820	6/6/2023 20:24	6/7/2023 10:00	815	0
315345	6/6/2023 20:27	6/7/2023 10:00	812	0
1390184	6/6/2023 20:37	6/7/2023 10:00	802	0
346288	6/6/2023 20:41	6/7/2023 10:00	798	0

316997	6/6/2023 20:54	6/7/2023 10:00	785	0
1524033	6/6/2023 21:09	6/7/2023 10:00	770	0
572882	6/6/2023 21:26	6/7/2023 0:28	182	0
6733217	6/6/2023 22:04	6/7/2023 10:00	715	0
496500	6/6/2023 22:08	6/7/2023 0:28	140	0
1093833	6/6/2023 22:23	6/7/2023 10:00	696	0
6761269	6/6/2023 22:27	6/7/2023 10:00	692	0
1407947	6/6/2023 22:29	6/7/2023 10:00	690	0
617514	6/6/2023 22:35	6/7/2023 0:28	113	0
793690	6/6/2023 22:41	6/7/2023 10:00	678	0
6714863	6/6/2023 22:41	6/7/2023 10:00	678	0
313954	6/6/2023 22:41	6/7/2023 10:00	678	0
315346	6/6/2023 22:46	6/7/2023 10:00	673	0
324045	6/6/2023 22:48	6/7/2023 10:00	671	0
506261	6/6/2023 22:48	6/7/2023 10:00	671	0
7533405	6/6/2023 22:49	6/7/2023 10:00	670	0
581832	6/6/2023 22:55	6/7/2023 10:00	664	0
1430553	6/6/2023 22:55	6/7/2023 10:00	664	0
772378	6/6/2023 22:58	6/7/2023 10:00	661	0
1301093	6/6/2023 22:59	6/7/2023 0:28	89	0
313011	6/6/2023 22:59	6/7/2023 10:00	660	0
51483	6/6/2023 23:01	6/7/2023 10:00	658	0
8668965	6/6/2023 23:01	6/7/2023 10:00	658	0
507365	6/6/2023 23:01	6/7/2023 10:00	658	0
314564	6/6/2023 23:02	6/7/2023 10:00	657	0
1538577	6/6/2023 23:05	6/7/2023 0:28	83	0
1498767	6/6/2023 23:05	6/7/2023 10:00	654	0
8104722	6/6/2023 23:07	6/7/2023 0:28	81	0
317126	6/6/2023 23:07	6/7/2023 10:00	652	0
8590289	6/6/2023 23:09	6/7/2023 10:00	650	0
381338	6/6/2023 23:09	6/7/2023 10:00	650	0
1539391	6/6/2023 23:09	6/7/2023 10:00	650	0
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345647	6/6/2023 23:10	6/7/2023 10:00	649	0
315380	6/6/2023 23:10	6/7/2023 10:00	649	0
801004	6/6/2023 23:11	6/7/2023 10:00	648	0
1514004	6/6/2023 23:12	6/7/2023 10:00	647	0
8734029	6/6/2023 23:12	6/7/2023 10:00	647	0
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1407881	6/6/2023 23:14	6/7/2023 10:00	645	0
315604	6/6/2023 23:14	6/7/2023 10:00	645	0
8387677	6/6/2023 23:14	6/7/2023 10:00	645	0
8148103	6/6/2023 23:14	6/7/2023 10:00	645	0
1518241	6/6/2023 23:15	6/7/2023 10:00	644	0
260516	6/6/2023 23:16	6/7/2023 10:00	643	0
1432509	6/6/2023 23:16	6/7/2023 10:00	643	0
1700586	6/6/2023 23:16	6/7/2023 10:00	643	0

581074	6/6/2023 23:18	6/7/2023 10:00	641	0
9060925	6/6/2023 23:18	6/7/2023 10:00	641	0
8511623	6/6/2023 23:19	6/7/2023 0:28	69	0
48217	6/6/2023 23:22	6/7/2023 0:28	66	0
563721	6/6/2023 23:22	6/7/2023 10:00	637	0
266906	6/6/2023 23:22	6/7/2023 0:28	66	0
21820	6/6/2023 23:25	6/7/2023 0:28	63	0
1508563	6/6/2023 23:34	6/7/2023 0:28	54	0
1394543	6/6/2023 23:36	6/7/2023 5:36	360	0
1498622	6/6/2023 23:51	6/7/2023 0:28	37	0
593366	6/6/2023 23:55	6/7/2023 0:28	33	0
859747	6/7/2023 0:01	6/7/2023 10:00	598	0
656628	6/7/2023 0:08	6/7/2023 0:28	20	0
617514	6/7/2023 0:28	6/7/2023 3:15	167	0
593366	6/7/2023 0:28	6/7/2023 2:35	127	0
21820	6/7/2023 0:28	6/7/2023 2:00	92	0
266906	6/7/2023 0:28	6/7/2023 1:28	60	0
496500	6/7/2023 0:28	6/7/2023 1:08	40	0
572882	6/7/2023 0:28	6/7/2023 0:46	18	0
656628	6/7/2023 0:28	6/7/2023 4:28	240	0
1498622	6/7/2023 0:28	6/7/2023 4:31	243	0
8104722	6/7/2023 0:28	6/7/2023 4:27	239	0
1538577	6/7/2023 0:28	6/7/2023 1:05	37	0
1508563	6/7/2023 0:28	6/7/2023 2:54	146	0
1301093	6/7/2023 0:28	6/7/2023 2:39	131	0
8511623	6/7/2023 0:28	6/7/2023 2:59	151	0
48217	6/7/2023 0:28	6/7/2023 1:30	62	0
572882	6/7/2023 0:46	6/7/2023 10:00	553	0
444600	6/7/2023 0:56	6/7/2023 10:00	543	0
1538577	6/7/2023 1:05	6/7/2023 10:00	534	0
496500	6/7/2023 1:08	6/7/2023 10:00	531	0
266906	6/7/2023 1:28	6/7/2023 10:00	511	0
48217	6/7/2023 1:30	6/7/2023 10:00	509	0
6168330	6/7/2023 1:31	6/7/2023 10:00	508	0
21820	6/7/2023 2:00	6/7/2023 10:00	479	0
1073505	6/7/2023 2:29	6/7/2023 2:34	5	0
1073505	6/7/2023 2:34	6/7/2023 5:09	155	0
593366	6/7/2023 2:35	6/7/2023 10:00	444	0
1301093	6/7/2023 2:39	6/7/2023 10:00	440	0
1508563	6/7/2023 2:54	6/7/2023 10:00	425	0
8511623	6/7/2023 2:59	6/7/2023 10:00	420	0
617514	6/7/2023 3:15	6/7/2023 10:00	404	0
8104722	6/7/2023 4:27	6/7/2023 10:00	332	0
656628	6/7/2023 4:28	6/7/2023 10:00	331	0
1498622	6/7/2023 4:31	6/7/2023 10:00	328	0
1073505	6/7/2023 5:09	6/7/2023 10:00	290	0
1394543	6/7/2023 5:36	6/7/2023 6:36	60	0

1394543	6/7/2023 6:36	6/7/2023 10:00	203	0
315346	6/7/2023 10:00	6/7/2023 16:50	410	0
315380	6/7/2023 10:00	6/7/2023 14:20	260	0.04
1498767	6/7/2023 10:00	6/8/2023 10:00	1439	0
564518	6/7/2023 10:00	6/7/2023 11:05	65	0
859747	6/7/2023 10:00	6/8/2023 10:00	1439	0
315088	6/7/2023 10:00	6/8/2023 10:00	1439	0
8564413	6/7/2023 10:00	6/8/2023 0:11	851	0
315604	6/7/2023 10:00	6/7/2023 11:22	82	0.01
506261	6/7/2023 10:00	6/8/2023 10:00	1439	0
563721	6/7/2023 10:00	6/8/2023 10:00	1439	0.01
581074	6/7/2023 10:00	6/7/2023 22:14	734	0
6761269	6/7/2023 10:00	6/8/2023 10:00	1439	0
313011	6/7/2023 10:00	6/7/2023 14:15	255	0
315345	6/7/2023 10:00	6/8/2023 10:00	1439	0.12
260516	6/7/2023 10:00	6/7/2023 11:35	95	0
656628	6/7/2023 10:00	6/7/2023 12:03	123	0
801004	6/7/2023 10:00	6/8/2023 10:00	1439	0
1518241	6/7/2023 10:00	6/8/2023 10:00	1439	0
1390184	6/7/2023 10:00	6/8/2023 10:00	1439	0
23566	6/7/2023 10:00	6/8/2023 10:00	1439	0
1309098	6/7/2023 10:00	6/7/2023 14:06	246	0
1538577	6/7/2023 10:00	6/8/2023 10:00	1439	0
316997	6/7/2023 10:00	6/8/2023 10:00	1439	0
8668965	6/7/2023 10:00	6/7/2023 11:49	109	0
313954	6/7/2023 10:00	6/7/2023 14:05	245	0.02
561757	6/7/2023 10:00	6/8/2023 10:00	1439	0
637185	6/7/2023 10:00	6/8/2023 10:00	1439	0
705447	6/7/2023 10:00	6/8/2023 10:00	1439	0
1394543	6/7/2023 10:00	6/8/2023 10:00	1439	0
572882	6/7/2023 10:00	6/7/2023 15:26	326	0.65
381338	6/7/2023 10:00	6/8/2023 10:00	1439	0
1498622	6/7/2023 10:00	6/8/2023 10:00	1439	0
1350597	6/7/2023 10:00	6/7/2023 16:07	367	0
810130	6/7/2023 10:00	6/8/2023 0:24	864	0
581832	6/7/2023 10:00	6/8/2023 10:00	1439	0
496500	6/7/2023 10:00	6/8/2023 10:00	1439	0
1432509	6/7/2023 10:00	6/7/2023 11:36	96	0
1073506	6/7/2023 10:00	6/8/2023 10:00	1439	0
772378	6/7/2023 10:00	6/8/2023 10:00	1439	0
346288	6/7/2023 10:00	6/7/2023 11:28	88	0
1430553	6/7/2023 10:00	6/8/2023 10:00	1439	0
7533405	6/7/2023 10:00	6/8/2023 10:00	1439	0
793690	6/7/2023 10:00	6/7/2023 14:23	263	0
8148103	6/7/2023 10:00	6/7/2023 11:19	79	0
345647	6/7/2023 10:00	6/7/2023 14:25	265	0
1508563	6/7/2023 10:00	6/7/2023 23:53	833	0

264186	6/7/2023 10:00	6/8/2023 10:00	1439	0
328570	6/7/2023 10:00	6/8/2023 10:00	1439	0
1539391	6/7/2023 10:00	6/7/2023 11:14	74	0
8387677	6/7/2023 10:00	6/7/2023 11:25	85	0
507365	6/7/2023 10:00	6/8/2023 10:00	1439	0
21820	6/7/2023 10:00	6/8/2023 10:00	1439	0
6168330	6/7/2023 10:00	6/8/2023 10:00	1439	0
330528	6/7/2023 10:00	6/8/2023 10:00	1439	0
8590289	6/7/2023 10:00	6/7/2023 12:01	121	0.1
1514004	6/7/2023 10:00	6/8/2023 10:00	1439	0
46184	6/7/2023 10:00	6/8/2023 10:00	1439	0
48217	6/7/2023 10:00	6/8/2023 10:00	1439	0
315752	6/7/2023 10:00	6/7/2023 14:25	265	0
1700586	6/7/2023 10:00	6/7/2023 12:06	126	0
9060925	6/7/2023 10:00	6/8/2023 10:00	1439	0
1309133	6/7/2023 10:00	6/8/2023 10:00	1439	0
8734029	6/7/2023 10:00	6/8/2023 10:00	1439	0
1190820	6/7/2023 10:00	6/7/2023 14:34	274	0
8511623	6/7/2023 10:00	6/7/2023 23:53	833	0
1321605	6/7/2023 10:00	6/8/2023 10:00	1439	0
558031	6/7/2023 10:00	6/7/2023 22:56	776	0
1251782	6/7/2023 10:00	6/8/2023 10:00	1439	0
1326419	6/7/2023 10:00	6/8/2023 10:00	1439	0
564357	6/7/2023 10:00	6/8/2023 10:00	1439	0
561672	6/7/2023 10:00	6/7/2023 14:11	251	0.17
317126	6/7/2023 10:00	6/8/2023 10:00	1439	0
265473	6/7/2023 10:00	6/7/2023 14:57	297	0
8104722	6/7/2023 10:00	6/8/2023 10:00	1439	0
6714863	6/7/2023 10:00	6/7/2023 14:28	268	0
266906	6/7/2023 10:00	6/8/2023 10:00	1439	0
314564	6/7/2023 10:00	6/7/2023 14:11	251	0
51483	6/7/2023 10:00	6/7/2023 11:20	80	0
324045	6/7/2023 10:00	6/8/2023 10:00	1439	0
1093833	6/7/2023 10:25	6/7/2023 14:03	218	0.98
6733217	6/7/2023 10:28	6/8/2023 10:00	1411	0
1524033	6/7/2023 10:29	6/7/2023 22:34	725	0.02
444600	6/7/2023 10:37	6/8/2023 10:00	1402	0
617514	6/7/2023 10:52	6/8/2023 10:00	1387	0
564518	6/7/2023 11:05	6/7/2023 11:24	19	0
1600016	6/7/2023 11:13	6/7/2023 23:32	739	0
1301093	6/7/2023 11:14	6/7/2023 23:18	724	0
1539391	6/7/2023 11:14	6/7/2023 11:15	1	0
8206792	6/7/2023 11:15	6/7/2023 22:15	660	0
1539391	6/7/2023 11:15	6/7/2023 15:34	259	0
1573666	6/7/2023 11:18	6/7/2023 22:16	658	0
8148103	6/7/2023 11:19	6/7/2023 11:22	3	0
51483	6/7/2023 11:20	6/7/2023 11:30	10	0

315604	6/7/2023 11:22	6/7/2023 11:33	11	0.06
8148103	6/7/2023 11:22	6/7/2023 16:59	337	0.02
6503956	6/7/2023 11:23	6/7/2023 22:02	639	0
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8387677	6/7/2023 11:25	6/7/2023 11:38	13	0
346288	6/7/2023 11:28	6/7/2023 11:43	15	0
51483	6/7/2023 11:30	6/7/2023 14:20	170	0
315604	6/7/2023 11:33	6/7/2023 14:22	169	0.33
260516	6/7/2023 11:35	6/7/2023 11:50	15	0
1432509	6/7/2023 11:36	6/7/2023 11:54	18	0
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535717	6/7/2023 11:43	6/7/2023 23:44	721	0
346288	6/7/2023 11:43	6/7/2023 11:48	5	0
346288	6/7/2023 11:48	6/7/2023 23:51	723	0
8668965	6/7/2023 11:49	6/7/2023 12:00	11	0
260516	6/7/2023 11:50	6/7/2023 14:35	165	0
1432509	6/7/2023 11:54	6/7/2023 14:36	162	0
1503562	6/7/2023 11:59	6/7/2023 21:58	599	0
8668965	6/7/2023 12:00	6/7/2023 14:09	129	0
8590289	6/7/2023 12:01	6/7/2023 12:02	1	0.02
8590289	6/7/2023 12:02	6/7/2023 12:21	19	0
656628	6/7/2023 12:03	6/8/2023 0:31	748	0
1700586	6/7/2023 12:06	6/7/2023 12:12	6	0
1700586	6/7/2023 12:12	6/7/2023 14:26	134	0
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1299402	6/7/2023 12:16	6/7/2023 22:59	643	0
8590289	6/7/2023 12:21	6/7/2023 23:59	698	0
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1093833	6/7/2023 14:03	6/7/2023 21:41	458	0
313954	6/7/2023 14:05	6/7/2023 23:40	575	0
1309098	6/7/2023 14:06	6/7/2023 20:39	393	0
8668965	6/7/2023 14:09	6/7/2023 21:48	459	0
314564	6/7/2023 14:11	6/7/2023 23:36	565	0
561672	6/7/2023 14:11	6/7/2023 21:49	458	0
313011	6/7/2023 14:15	6/7/2023 21:59	464	0
1073505	6/7/2023 14:17	6/8/2023 1:30	673	0
315380	6/7/2023 14:20	6/7/2023 23:39	559	0
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313731	6/7/2023 14:21	6/7/2023 23:40	559	0
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315604	6/7/2023 14:22	6/7/2023 22:01	459	0
793690	6/7/2023 14:23	6/7/2023 22:02	459	0
1393633	6/7/2023 14:23	6/8/2023 0:28	605	0
1417138	6/7/2023 14:24	6/7/2023 22:03	459	0
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1521914	6/7/2023 14:26	6/7/2023 23:25	539	0
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1332906	6/7/2023 14:29	6/7/2023 20:47	378	0
1681747	6/7/2023 14:30	6/7/2023 21:59	449	0
121748	6/7/2023 14:33	6/7/2023 23:16	523	0
1190820	6/7/2023 14:34	6/8/2023 2:34	720	0
1404846	6/7/2023 14:35	6/7/2023 22:14	459	0
260516	6/7/2023 14:35	6/7/2023 22:19	464	0
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1432509	6/7/2023 14:36	6/7/2023 22:14	458	0
316630	6/7/2023 14:36	6/7/2023 23:44	548	0
1519179	6/7/2023 14:37	6/8/2023 0:28	591	0
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1431752	6/7/2023 15:39	6/7/2023 23:14	455	0
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1247921	6/7/2023 16:06	6/7/2023 22:30	384	0
1350597	6/7/2023 16:07	6/8/2023 0:08	481	0
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315346	6/7/2023 16:50	6/7/2023 16:58	8	0
315346	6/7/2023 16:58	6/7/2023 17:10	12	0
8148103	6/7/2023 16:59	6/7/2023 23:18	379	0
1193174	6/7/2023 17:00	6/7/2023 23:00	360	0
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7607485	6/7/2023 17:09	6/7/2023 18:09	60	0
315346	6/7/2023 17:10	6/7/2023 22:54	344	0
378229	6/7/2023 17:11	6/7/2023 23:11	360	0
8950281	6/7/2023 17:29	6/7/2023 23:27	358	0
243371	6/7/2023 17:30	6/7/2023 23:55	385	0
1556486	6/7/2023 18:07	6/8/2023 0:29	382	0
7607485	6/7/2023 18:09	6/7/2023 23:09	300	0
1349338	6/7/2023 18:11	6/8/2023 0:11	360	0
1309098	6/7/2023 20:39	6/8/2023 10:00	800	0
1349244	6/7/2023 20:45	6/8/2023 2:42	357	0

1332906	6/7/2023 20:47	6/8/2023 10:00	792	0
1220897	6/7/2023 20:52	6/8/2023 10:00	787	0
315752	6/7/2023 21:09	6/8/2023 10:00	770	0
265473	6/7/2023 21:16	6/8/2023 10:00	763	0
416557	6/7/2023 21:19	6/8/2023 10:00	760	0
1093833	6/7/2023 21:41	6/8/2023 10:00	738	0
572882	6/7/2023 21:45	6/8/2023 10:00	734	0
8668965	6/7/2023 21:48	6/8/2023 10:00	731	0
561672	6/7/2023 21:49	6/8/2023 10:00	730	0
593397	6/7/2023 21:49	6/8/2023 0:28	159	0
1503562	6/7/2023 21:58	6/8/2023 10:00	721	0
1681747	6/7/2023 21:59	6/8/2023 10:00	720	0
313011	6/7/2023 21:59	6/8/2023 10:00	720	0
51483	6/7/2023 21:59	6/8/2023 10:00	720	0
315604	6/7/2023 22:01	6/8/2023 10:00	718	0
793690	6/7/2023 22:02	6/8/2023 10:00	717	0
6503956	6/7/2023 22:02	6/8/2023 10:00	717	0
1417138	6/7/2023 22:03	6/8/2023 10:00	716	0
6714863	6/7/2023 22:06	6/8/2023 10:00	713	0
8387677	6/7/2023 22:09	6/8/2023 10:00	710	0
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1432509	6/7/2023 22:14	6/8/2023 10:00	705	0
1404846	6/7/2023 22:14	6/8/2023 10:00	705	0
8206792	6/7/2023 22:15	6/8/2023 10:00	704	0
1573666	6/7/2023 22:16	6/8/2023 10:00	703	0
260516	6/7/2023 22:19	6/8/2023 10:00	700	0
2032900	6/7/2023 22:30	6/8/2023 10:00	689	0
1247921	6/7/2023 22:30	6/8/2023 10:00	689	0
1524033	6/7/2023 22:34	6/8/2023 0:28	114	0
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315346	6/7/2023 22:54	6/8/2023 0:28	94	0
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1193174	6/7/2023 23:00	6/8/2023 0:28	88	0
7607485	6/7/2023 23:09	6/8/2023 0:28	79	0
378229	6/7/2023 23:11	6/8/2023 0:28	77	0
1431752	6/7/2023 23:14	6/8/2023 10:00	645	0
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1539391	6/7/2023 23:14	6/8/2023 10:00	645	0
121748	6/7/2023 23:16	6/8/2023 0:28	72	0
8148103	6/7/2023 23:18	6/8/2023 0:28	70	0
1301093	6/7/2023 23:18	6/8/2023 0:28	70	0
345647	6/7/2023 23:20	6/8/2023 0:28	68	0
1521914	6/7/2023 23:25	6/8/2023 0:28	63	0
8950281	6/7/2023 23:27	6/8/2023 0:28	61	0
1600016	6/7/2023 23:32	6/8/2023 0:28	56	0
314564	6/7/2023 23:36	6/8/2023 0:28	52	0

315380	6/7/2023 23:39	6/8/2023 10:00	620	0
313954	6/7/2023 23:40	6/8/2023 0:28	48	0
1584264	6/7/2023 23:40	6/8/2023 0:28	48	0
313731	6/7/2023 23:40	6/8/2023 0:28	48	0
316630	6/7/2023 23:44	6/8/2023 0:28	44	0
535717	6/7/2023 23:44	6/8/2023 0:28	44	0
346288	6/7/2023 23:51	6/8/2023 0:28	37	0
1508563	6/7/2023 23:53	6/8/2023 0:28	35	0
8511623	6/7/2023 23:53	6/8/2023 0:28	35	0
243371	6/7/2023 23:55	6/8/2023 0:28	33	0
790670	6/7/2023 23:57	6/8/2023 10:00	602	0
8590289	6/7/2023 23:59	6/8/2023 0:28	29	0
1700586	6/8/2023 0:06	6/8/2023 0:28	22	0
1350597	6/8/2023 0:08	6/8/2023 0:28	20	0
8564413	6/8/2023 0:11	6/8/2023 0:30	19	0
1349338	6/8/2023 0:11	6/8/2023 0:28	17	0
581074	6/8/2023 0:21	6/8/2023 0:28	7	0
810130	6/8/2023 0:24	6/8/2023 0:33	9	0
1521914	6/8/2023 0:28	6/8/2023 1:26	58	0
535717	6/8/2023 0:28	6/8/2023 1:22	54	0
1700586	6/8/2023 0:28	6/8/2023 1:46	78	0
1393633	6/8/2023 0:28	6/8/2023 10:00	571	0
345647	6/8/2023 0:28	6/8/2023 5:20	292	0
1600016	6/8/2023 0:28	6/8/2023 1:52	84	0
8590289	6/8/2023 0:28	6/8/2023 3:39	191	0
1301093	6/8/2023 0:28	6/8/2023 1:38	70	0
7607485	6/8/2023 0:28	6/8/2023 1:49	81	0
378229	6/8/2023 0:28	6/8/2023 1:51	83	0
8148103	6/8/2023 0:28	6/8/2023 0:38	10	0
791361	6/8/2023 0:28	6/8/2023 10:00	571	0
1508563	6/8/2023 0:28	6/8/2023 1:53	85	0
243371	6/8/2023 0:28	6/8/2023 5:55	327	0
1350597	6/8/2023 0:28	6/8/2023 2:48	140	0
1349338	6/8/2023 0:28	6/8/2023 5:51	323	0
593397	6/8/2023 0:28	6/8/2023 3:49	201	0
1524033	6/8/2023 0:28	6/8/2023 3:54	206	0
315346	6/8/2023 0:28	6/8/2023 0:54	26	0
346288	6/8/2023 0:28	6/8/2023 3:11	163	0
313954	6/8/2023 0:28	6/8/2023 5:20	292	0
558031	6/8/2023 0:28	6/8/2023 1:56	88	0
1597937	6/8/2023 0:28	6/8/2023 10:00	571	0
314564	6/8/2023 0:28	6/8/2023 5:36	308	0
8511623	6/8/2023 0:28	6/8/2023 1:53	85	0
581074	6/8/2023 0:28	6/8/2023 3:13	165	0
121748	6/8/2023 0:28	6/8/2023 4:08	220	0
1320619	6/8/2023 0:28	6/8/2023 10:00	571	0
316630	6/8/2023 0:28	6/8/2023 5:44	316	0

1584264	6/8/2023 0:28	6/8/2023 0:40	12	0
1519179	6/8/2023 0:28	6/8/2023 10:00	571	0
1511264	6/8/2023 0:28	6/8/2023 5:14	286	0
1193174	6/8/2023 0:28	6/8/2023 5:00	272	0
8950281	6/8/2023 0:28	6/8/2023 1:07	39	0
313731	6/8/2023 0:28	6/8/2023 5:40	312	0
1556486	6/8/2023 0:29	6/8/2023 0:45	16	0
8564413	6/8/2023 0:30	6/8/2023 1:49	79	0
656628	6/8/2023 0:31	6/8/2023 0:43	12	0
810130	6/8/2023 0:33	6/8/2023 3:24	171	0
8148103	6/8/2023 0:38	6/8/2023 10:00	561	0
1584264	6/8/2023 0:40	6/8/2023 10:00	559	0
656628	6/8/2023 0:43	6/8/2023 3:11	148	0
1556486	6/8/2023 0:45	6/8/2023 1:49	64	0
315346	6/8/2023 0:54	6/8/2023 10:00	545	0
8950281	6/8/2023 1:07	6/8/2023 10:00	532	0
535717	6/8/2023 1:22	6/8/2023 10:00	517	0
1521914	6/8/2023 1:26	6/8/2023 10:00	513	0
1073505	6/8/2023 1:30	6/8/2023 10:00	509	0
1301093	6/8/2023 1:38	6/8/2023 10:00	501	0
1700586	6/8/2023 1:46	6/8/2023 10:00	493	0
7607485	6/8/2023 1:49	6/8/2023 10:00	490	0
1556486	6/8/2023 1:49	6/8/2023 10:00	490	0
8564413	6/8/2023 1:49	6/8/2023 10:00	490	0
378229	6/8/2023 1:51	6/8/2023 10:00	488	0
1600016	6/8/2023 1:52	6/8/2023 10:00	487	0
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8511623	6/8/2023 1:53	6/8/2023 10:00	486	0
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1190820	6/8/2023 2:34	6/8/2023 2:38	4	0
1190820	6/8/2023 2:38	6/8/2023 5:54	196	0
1349244	6/8/2023 2:42	6/8/2023 2:46	4	0
1349244	6/8/2023 2:46	6/8/2023 5:42	176	0
1350597	6/8/2023 2:48	6/8/2023 10:00	431	0
346288	6/8/2023 3:11	6/8/2023 10:00	408	0
656628	6/8/2023 3:11	6/8/2023 10:00	408	0
581074	6/8/2023 3:13	6/8/2023 10:00	406	0
810130	6/8/2023 3:24	6/8/2023 10:00	395	0
8590289	6/8/2023 3:39	6/8/2023 10:00	380	0
593397	6/8/2023 3:49	6/8/2023 9:45	356	0
1524033	6/8/2023 3:54	6/8/2023 10:00	365	0
751178	6/8/2023 3:57	6/8/2023 4:08	11	0
121748	6/8/2023 4:08	6/8/2023 10:00	351	0
751178	6/8/2023 4:08	6/8/2023 6:57	169	0
1193174	6/8/2023 5:00	6/8/2023 5:12	12	0
1193174	6/8/2023 5:12	6/8/2023 5:40	28	0
1511264	6/8/2023 5:14	6/8/2023 5:26	12	0

313954	6/8/2023 5:20	6/8/2023 10:00	279	0
345647	6/8/2023 5:20	6/8/2023 5:38	18	0
1511264	6/8/2023 5:26	6/8/2023 5:54	28	0
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1193174	6/8/2023 5:40	6/8/2023 10:00	259	0
345647	6/8/2023 5:40	6/8/2023 10:00	259	0
313731	6/8/2023 5:40	6/8/2023 10:00	259	0
1349244	6/8/2023 5:42	6/8/2023 10:00	257	0
316630	6/8/2023 5:44	6/8/2023 10:00	255	0
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1190820	6/8/2023 5:54	6/8/2023 10:00	245	0
1511264	6/8/2023 5:54	6/8/2023 10:00	245	0
243371	6/8/2023 5:55	6/8/2023 10:00	244	0
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593397	6/8/2023 9:51	6/8/2023 10:00	8	0
2032900	6/8/2023 10:00	6/8/2023 12:22	142	0.31
8950281	6/8/2023 10:00	6/9/2023 10:00	1439	0
535717	6/8/2023 10:00	6/8/2023 23:47	827	0
315346	6/8/2023 10:00	6/9/2023 10:00	1439	0
8564413	6/8/2023 10:00	6/9/2023 0:17	857	0
1349338	6/8/2023 10:00	6/9/2023 10:00	1439	0.03
656628	6/8/2023 10:00	6/8/2023 12:29	149	0.21
51483	6/8/2023 10:00	6/8/2023 11:31	91	0
1556486	6/8/2023 10:00	6/9/2023 10:00	1439	0
791361	6/8/2023 10:00	6/9/2023 10:00	1439	0
1073505	6/8/2023 10:00	6/9/2023 10:00	1439	0
8148103	6/8/2023 10:00	6/8/2023 11:13	73	0
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581074	6/8/2023 10:00	6/9/2023 10:00	1439	0
265473	6/8/2023 10:00	6/9/2023 10:00	1439	0
316630	6/8/2023 10:00	6/8/2023 11:27	87	0
572882	6/8/2023 10:00	6/8/2023 15:31	331	0
1193174	6/8/2023 10:00	6/8/2023 16:52	412	0.11
1190820	6/8/2023 10:00	6/8/2023 13:24	204	0
46184	6/8/2023 10:00	6/9/2023 10:00	1439	0
1299402	6/8/2023 10:00	6/9/2023 0:21	861	0.12
260516	6/8/2023 10:00	6/8/2023 11:41	101	0
313731	6/8/2023 10:00	6/8/2023 17:41	461	0
1508563	6/8/2023 10:00	6/8/2023 17:01	421	0.04
1584264	6/8/2023 10:00	6/9/2023 10:00	1439	0
1573666	6/8/2023 10:00	6/9/2023 10:00	1439	0
346288	6/8/2023 10:00	6/8/2023 11:45	105	0

378229	6/8/2023 10:00	6/8/2023 11:26	86	0
1431752	6/8/2023 10:00	6/9/2023 10:00	1439	0
1309098	6/8/2023 10:00	6/8/2023 14:24	264	0.28
7607485	6/8/2023 10:00	6/9/2023 10:00	1439	0
1432509	6/8/2023 10:00	6/8/2023 11:55	115	0
8206792	6/8/2023 10:00	6/9/2023 10:00	1439	0
345647	6/8/2023 10:00	6/8/2023 17:27	447	0
8511623	6/8/2023 10:00	6/8/2023 11:40	100	0
315604	6/8/2023 10:00	6/8/2023 11:26	86	0
315752	6/8/2023 10:00	6/8/2023 15:15	315	0
6503956	6/8/2023 10:00	6/8/2023 17:36	456	0
790670	6/8/2023 10:00	6/9/2023 10:00	1439	0
416557	6/8/2023 10:00	6/8/2023 16:47	407	0
561757	6/8/2023 10:00	6/8/2023 12:16	136	0
313011	6/8/2023 10:00	6/8/2023 17:45	465	0
1600016	6/8/2023 10:00	6/9/2023 10:00	1439	0
1503562	6/8/2023 10:00	6/9/2023 10:00	1439	0
593397	6/8/2023 10:00	6/9/2023 10:00	1439	0
1511532	6/8/2023 10:00	6/9/2023 10:00	1439	0
561672	6/8/2023 10:00	6/9/2023 10:00	1439	0
1539391	6/8/2023 10:00	6/8/2023 11:22	82	0
637185	6/8/2023 10:00	6/9/2023 10:00	1439	0
810130	6/8/2023 10:00	6/9/2023 10:00	1439	0
314564	6/8/2023 10:00	6/8/2023 17:32	452	0
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315380	6/8/2023 10:00	6/8/2023 11:37	97	0
1511251	6/8/2023 10:00	6/8/2023 17:50	470	0
264186	6/8/2023 10:00	6/9/2023 10:00	1439	0
1320619	6/8/2023 10:00	6/8/2023 13:57	237	0
1511264	6/8/2023 10:00	6/9/2023 10:00	1439	0.86
617514	6/8/2023 10:00	6/9/2023 10:00	1439	0
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1404846	6/8/2023 10:00	6/9/2023 10:00	1439	0
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564357	6/8/2023 10:00	6/9/2023 10:00	1439	0
1521914	6/8/2023 10:00	6/9/2023 10:00	1439	0.03
751178	6/8/2023 10:00	6/9/2023 2:43	1003	0
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1350597	6/8/2023 10:00	6/8/2023 17:40	460	0
328570	6/8/2023 10:00	6/9/2023 10:00	1439	0
1301093	6/8/2023 10:00	6/8/2023 11:20	80	0.05
1700586	6/8/2023 10:00	6/8/2023 12:12	132	0
793690	6/8/2023 10:00	6/8/2023 16:44	404	0
1349244	6/8/2023 10:00	6/8/2023 17:54	474	0
705447	6/8/2023 10:00	6/9/2023 10:00	1439	0
313954	6/8/2023 10:00	6/8/2023 12:48	168	0

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1393633	6/8/2023 10:00	6/8/2023 14:35	275	0
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8668965	6/8/2023 10:00	6/8/2023 12:01	121	0
1309133	6/8/2023 10:00	6/9/2023 10:00	1439	0.26
324290	6/8/2023 10:07	6/9/2023 10:00	1432	0
8104722	6/8/2023 10:07	6/9/2023 10:00	1432	0
1390184	6/8/2023 10:07	6/9/2023 10:00	1432	0
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325050	6/8/2023 10:11	6/9/2023 10:00	1428	0
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1597937	6/8/2023 10:25	6/9/2023 10:00	1414	0
1681747	6/8/2023 10:26	6/8/2023 16:11	345	0
316997	6/8/2023 10:29	6/8/2023 22:28	719	0
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1093833	6/8/2023 10:31	6/8/2023 16:26	355	0
1247921	6/8/2023 10:33	6/8/2023 16:19	346	0
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6714863	6/8/2023 10:49	6/8/2023 16:39	350	0
7533405	6/8/2023 11:03	6/8/2023 23:02	719	0.1
7937779	6/8/2023 11:12	6/8/2023 23:16	724	0
1538577	6/8/2023 11:12	6/8/2023 11:17	5	0
8148103	6/8/2023 11:13	6/8/2023 11:29	16	0
564518	6/8/2023 11:14	6/8/2023 11:32	18	0
1538577	6/8/2023 11:17	6/8/2023 17:12	355	0
1624452	6/8/2023 11:19	6/8/2023 23:17	718	0
1301093	6/8/2023 11:20	6/8/2023 11:24	4	0.02
1539391	6/8/2023 11:22	6/8/2023 22:57	695	0
1301093	6/8/2023 11:24	6/8/2023 14:56	212	0.04
378229	6/8/2023 11:26	6/8/2023 23:08	702	0.06
315604	6/8/2023 11:26	6/8/2023 11:41	15	0
316630	6/8/2023 11:27	6/8/2023 11:43	16	0
8387677	6/8/2023 11:27	6/8/2023 11:46	19	0
8148103	6/8/2023 11:29	6/8/2023 15:53	264	0.22
51483	6/8/2023 11:31	6/8/2023 11:39	8	0
564518	6/8/2023 11:32	6/9/2023 10:00	1347	0
1251782	6/8/2023 11:33	6/8/2023 23:38	725	0
315380	6/8/2023 11:37	6/8/2023 23:41	724	0.21
51483	6/8/2023 11:39	6/8/2023 17:31	352	0.86
8511623	6/8/2023 11:40	6/8/2023 11:54	14	0
315604	6/8/2023 11:41	6/8/2023 17:27	346	0.13
260516	6/8/2023 11:41	6/8/2023 11:59	18	0

8734029	6/8/2023 11:42	6/8/2023 18:02	380	0
316630	6/8/2023 11:43	6/8/2023 17:27	344	0.28
346288	6/8/2023 11:45	6/8/2023 11:52	7	0
8387677	6/8/2023 11:46	6/8/2023 17:47	361	0.11
346288	6/8/2023 11:52	6/8/2023 17:45	353	0
8511623	6/8/2023 11:54	6/8/2023 17:40	346	0
1432509	6/8/2023 11:55	6/8/2023 12:03	8	0
563721	6/8/2023 11:55	6/9/2023 0:19	744	0
260516	6/8/2023 11:59	6/8/2023 17:41	342	0
8668965	6/8/2023 12:01	6/8/2023 12:09	8	0
1432509	6/8/2023 12:03	6/8/2023 17:35	332	0
772378	6/8/2023 12:04	6/8/2023 17:39	335	0
1417279	6/8/2023 12:07	6/9/2023 0:11	724	0.16
1349766	6/8/2023 12:08	6/9/2023 0:12	724	0.05
8668965	6/8/2023 12:09	6/8/2023 17:41	332	0
1700586	6/8/2023 12:12	6/8/2023 12:22	10	0
510307	6/8/2023 12:12	6/9/2023 0:15	723	0
1076617	6/8/2023 12:14	6/9/2023 0:12	718	0
859747	6/8/2023 12:15	6/9/2023 0:34	739	0
561757	6/8/2023 12:16	6/8/2023 12:23	7	0
629786	6/8/2023 12:21	6/8/2023 12:26	5	0
1700586	6/8/2023 12:22	6/8/2023 17:52	330	0
2032900	6/8/2023 12:22	6/8/2023 12:33	11	0
561757	6/8/2023 12:23	6/8/2023 17:36	313	0
629786	6/8/2023 12:26	6/8/2023 17:41	315	0
1514004	6/8/2023 12:28	6/9/2023 0:46	738	0.1
656628	6/8/2023 12:29	6/8/2023 12:42	13	0
2032900	6/8/2023 12:33	6/8/2023 17:42	309	0
656628	6/8/2023 12:42	6/8/2023 17:49	307	0.04
313954	6/8/2023 12:48	6/8/2023 23:27	639	0
507365	6/8/2023 13:21	6/9/2023 0:46	685	0
1190820	6/8/2023 13:24	6/8/2023 20:24	420	0.33
1320619	6/8/2023 13:57	6/9/2023 0:28	631	0
1309098	6/8/2023 14:24	6/8/2023 14:43	19	0
1320845	6/8/2023 14:34	6/9/2023 1:12	638	0
1332906	6/8/2023 14:35	6/8/2023 14:44	9	0
1393633	6/8/2023 14:35	6/8/2023 14:47	12	0
1309098	6/8/2023 14:43	6/8/2023 17:44	181	0
1332906	6/8/2023 14:44	6/8/2023 17:35	171	0
1393633	6/8/2023 14:47	6/8/2023 17:35	168	0
1301093	6/8/2023 14:56	6/8/2023 23:16	500	0
1378141	6/8/2023 14:56	6/8/2023 23:09	493	0
315752	6/8/2023 15:15	6/8/2023 15:21	6	0
315752	6/8/2023 15:21	6/8/2023 17:35	134	0
572882	6/8/2023 15:31	6/8/2023 15:50	19	0
121748	6/8/2023 15:41	6/8/2023 23:15	454	0
587455	6/8/2023 15:45	6/8/2023 21:45	360	0

572882	6/8/2023 15:50	6/8/2023 17:51	121	0
8148103	6/8/2023 15:53	6/8/2023 23:33	460	0
854579	6/8/2023 15:55	6/8/2023 22:13	378	0
1681747	6/8/2023 16:11	6/8/2023 16:28	17	0
1247921	6/8/2023 16:19	6/8/2023 16:36	17	0
496500	6/8/2023 16:20	6/8/2023 22:18	358	0
1093833	6/8/2023 16:26	6/8/2023 16:33	7	0
1681747	6/8/2023 16:28	6/8/2023 17:51	83	0
1417138	6/8/2023 16:30	6/8/2023 16:33	3	0
6761269	6/8/2023 16:30	6/8/2023 22:33	363	0
1093833	6/8/2023 16:33	6/8/2023 17:46	73	0
1417138	6/8/2023 16:33	6/8/2023 17:50	77	0
1247921	6/8/2023 16:36	6/8/2023 17:39	63	0
6714863	6/8/2023 16:39	6/8/2023 16:52	13	0
793690	6/8/2023 16:44	6/8/2023 17:03	19	0
1351069	6/8/2023 16:45	6/8/2023 22:44	359	0
416557	6/8/2023 16:47	6/8/2023 16:48	1	0
416557	6/8/2023 16:48	6/8/2023 17:47	59	0
6714863	6/8/2023 16:52	6/8/2023 17:39	47	0
1193174	6/8/2023 16:52	6/8/2023 17:11	19	0
1508563	6/8/2023 17:01	6/8/2023 23:41	400	0
793690	6/8/2023 17:03	6/8/2023 17:44	41	0
1193174	6/8/2023 17:11	6/8/2023 17:52	41	0
330528	6/8/2023 17:12	6/9/2023 10:00	1007	0
1538577	6/8/2023 17:12	6/8/2023 17:20	8	0
457729	6/8/2023 17:20	6/8/2023 23:23	363	0
1538577	6/8/2023 17:20	6/8/2023 17:52	32	0
6623421	6/8/2023 17:24	6/8/2023 23:26	362	0
316630	6/8/2023 17:27	6/8/2023 17:46	19	0
315604	6/8/2023 17:27	6/8/2023 17:44	17	0
345647	6/8/2023 17:27	6/8/2023 17:37	10	0
51483	6/8/2023 17:31	6/8/2023 17:42	11	0
314564	6/8/2023 17:32	6/8/2023 17:44	12	0
1393633	6/8/2023 17:35	6/9/2023 1:12	457	0
1432509	6/8/2023 17:35	6/8/2023 23:59	384	0
1332906	6/8/2023 17:35	6/9/2023 1:12	457	0
315752	6/8/2023 17:35	6/8/2023 21:13	218	0
561757	6/8/2023 17:36	6/8/2023 22:52	316	0
6503956	6/8/2023 17:36	6/8/2023 23:44	368	0
345647	6/8/2023 17:37	6/8/2023 17:47	10	0
8590289	6/8/2023 17:37	6/9/2023 0:15	398	0
1702895	6/8/2023 17:38	6/9/2023 0:16	398	0
1247921	6/8/2023 17:39	6/8/2023 22:18	279	0
6714863	6/8/2023 17:39	6/8/2023 22:47	308	0
772378	6/8/2023 17:39	6/8/2023 17:44	5	0
1350597	6/8/2023 17:40	6/9/2023 0:18	398	0
8511623	6/8/2023 17:40	6/8/2023 23:58	378	0

8668965	6/8/2023 17:41	6/9/2023 0:05	384	0
260516	6/8/2023 17:41	6/8/2023 23:58	377	0
313731	6/8/2023 17:41	6/8/2023 23:36	355	0
629786	6/8/2023 17:41	6/9/2023 0:20	399	0
51483	6/8/2023 17:42	6/8/2023 17:51	9	0
2032900	6/8/2023 17:42	6/9/2023 0:21	399	0
314564	6/8/2023 17:44	6/8/2023 17:52	8	0
772378	6/8/2023 17:44	6/9/2023 0:02	378	0
1309098	6/8/2023 17:44	6/8/2023 20:42	178	0
315604	6/8/2023 17:44	6/8/2023 17:47	3	0
793690	6/8/2023 17:44	6/8/2023 23:02	318	0
1525793	6/8/2023 17:45	6/9/2023 10:00	974	0
313011	6/8/2023 17:45	6/8/2023 23:33	348	0
346288	6/8/2023 17:45	6/8/2023 23:49	364	0
316630	6/8/2023 17:46	6/8/2023 17:47	1	0
1093833	6/8/2023 17:46	6/8/2023 22:25	279	0
315088	6/8/2023 17:47	6/9/2023 1:31	464	0
315604	6/8/2023 17:47	6/8/2023 23:44	357	0
345647	6/8/2023 17:47	6/8/2023 23:37	350	0
8387677	6/8/2023 17:47	6/8/2023 23:51	364	0
416557	6/8/2023 17:47	6/8/2023 22:31	284	0
316630	6/8/2023 17:47	6/8/2023 23:31	344	0
656628	6/8/2023 17:49	6/9/2023 0:33	404	0
1417138	6/8/2023 17:50	6/8/2023 22:32	282	0
1511251	6/8/2023 17:50	6/8/2023 23:53	363	0
1350598	6/8/2023 17:50	6/9/2023 0:14	384	0
51483	6/8/2023 17:51	6/8/2023 23:30	339	0
572882	6/8/2023 17:51	6/8/2023 21:49	238	0
1681747	6/8/2023 17:51	6/9/2023 1:18	447	0
314564	6/8/2023 17:52	6/8/2023 23:36	344	0
1700586	6/8/2023 17:52	6/9/2023 0:11	379	0
1193174	6/8/2023 17:52	6/8/2023 23:12	320	0
1538577	6/8/2023 17:52	6/8/2023 23:12	320	0
1349244	6/8/2023 17:54	6/9/2023 0:28	394	0
456099	6/8/2023 17:55	6/9/2023 10:00	964	0
8734029	6/8/2023 18:02	6/8/2023 18:06	4	0
8734029	6/8/2023 18:06	6/8/2023 19:22	76	0
8734029	6/8/2023 19:22	6/9/2023 10:00	877	0
1190820	6/8/2023 20:24	6/9/2023 10:00	815	0
1309098	6/8/2023 20:42	6/9/2023 0:28	226	0
315752	6/8/2023 21:13	6/9/2023 0:28	195	0
587455	6/8/2023 21:45	6/9/2023 0:28	163	0
572882	6/8/2023 21:49	6/9/2023 0:28	159	0
854579	6/8/2023 22:13	6/9/2023 0:28	135	0
1247921	6/8/2023 22:18	6/9/2023 0:28	130	0
496500	6/8/2023 22:18	6/9/2023 10:00	701	0
1093833	6/8/2023 22:25	6/9/2023 0:28	123	0

316997	6/8/2023 22:28	6/9/2023 10:00	691	0
416557	6/8/2023 22:31	6/9/2023 0:28	117	0
1417138	6/8/2023 22:32	6/9/2023 0:28	116	0
6761269	6/8/2023 22:33	6/9/2023 0:28	115	0
1351069	6/8/2023 22:44	6/9/2023 0:28	104	0
6714863	6/8/2023 22:47	6/9/2023 0:28	101	0
561757	6/8/2023 22:52	6/9/2023 10:00	667	0
1539391	6/8/2023 22:57	6/9/2023 10:00	662	0
7533405	6/8/2023 23:02	6/9/2023 0:28	86	0
793690	6/8/2023 23:02	6/9/2023 0:28	86	0
378229	6/8/2023 23:08	6/9/2023 0:28	80	0
1378141	6/8/2023 23:09	6/9/2023 10:00	650	0
1538577	6/8/2023 23:12	6/9/2023 0:28	76	0
1193174	6/8/2023 23:12	6/9/2023 0:28	76	0
121748	6/8/2023 23:15	6/9/2023 10:00	644	0
7937779	6/8/2023 23:16	6/9/2023 10:00	643	0
1301093	6/8/2023 23:16	6/9/2023 0:28	72	0
1624452	6/8/2023 23:17	6/9/2023 10:00	642	0
457729	6/8/2023 23:23	6/9/2023 0:28	65	0
6623421	6/8/2023 23:26	6/9/2023 0:28	62	0
313954	6/8/2023 23:27	6/9/2023 0:28	61	0
51483	6/8/2023 23:30	6/9/2023 0:28	58	0
316630	6/8/2023 23:31	6/9/2023 0:28	57	0
8148103	6/8/2023 23:33	6/9/2023 10:00	626	0
313011	6/8/2023 23:33	6/9/2023 0:28	55	0
314564	6/8/2023 23:36	6/9/2023 0:28	52	0
313731	6/8/2023 23:36	6/9/2023 0:28	52	0
345647	6/8/2023 23:37	6/9/2023 0:28	51	0
1251782	6/8/2023 23:38	6/9/2023 0:28	50	0
315380	6/8/2023 23:41	6/9/2023 0:28	47	0
1508563	6/8/2023 23:41	6/9/2023 10:00	618	0
315604	6/8/2023 23:44	6/9/2023 0:28	44	0
6503956	6/8/2023 23:44	6/9/2023 0:28	44	0
535717	6/8/2023 23:47	6/9/2023 0:28	41	0
346288	6/8/2023 23:49	6/9/2023 0:28	39	0
8387677	6/8/2023 23:51	6/9/2023 0:28	37	0
1511251	6/8/2023 23:53	6/9/2023 0:28	35	0
260516	6/8/2023 23:58	6/9/2023 0:28	30	0
8511623	6/8/2023 23:58	6/9/2023 0:28	30	0
1432509	6/8/2023 23:59	6/9/2023 0:28	29	0
772378	6/9/2023 0:02	6/9/2023 0:28	26	0
8668965	6/9/2023 0:05	6/9/2023 0:28	23	0
1700586	6/9/2023 0:11	6/9/2023 0:29	18	0
1417279	6/9/2023 0:11	6/9/2023 0:28	17	0
1076617	6/9/2023 0:12	6/9/2023 0:28	16	0
1349766	6/9/2023 0:12	6/9/2023 0:28	16	0
1350598	6/9/2023 0:14	6/9/2023 0:28	14	0

8590289	6/9/2023 0:15	6/9/2023 0:28	13	0
510307	6/9/2023 0:15	6/9/2023 0:28	13	0
1702895	6/9/2023 0:16	6/9/2023 0:28	12	0
8564413	6/9/2023 0:17	6/9/2023 0:36	19	0
1350597	6/9/2023 0:18	6/9/2023 0:28	10	0
563721	6/9/2023 0:19	6/9/2023 0:28	9	0
629786	6/9/2023 0:20	6/9/2023 0:33	13	0
2032900	6/9/2023 0:21	6/9/2023 0:40	19	0
1299402	6/9/2023 0:21	6/9/2023 0:34	13	0
510307	6/9/2023 0:28	6/9/2023 1:35	67	0
7533405	6/9/2023 0:28	6/9/2023 1:22	54	0
1309098	6/9/2023 0:28	6/9/2023 1:22	54	0
8668965	6/9/2023 0:28	6/9/2023 1:25	57	0
416557	6/9/2023 0:28	6/9/2023 1:31	63	0
1193174	6/9/2023 0:28	6/9/2023 1:32	64	0
1251782	6/9/2023 0:28	6/9/2023 1:38	70	0
8511623	6/9/2023 0:28	6/9/2023 1:18	50	0
1076617	6/9/2023 0:28	6/9/2023 1:32	64	0
457729	6/9/2023 0:28	6/9/2023 1:23	55	0
1417138	6/9/2023 0:28	6/9/2023 1:32	64	0
572882	6/9/2023 0:28	6/9/2023 1:29	61	0
1417279	6/9/2023 0:28	6/9/2023 1:31	63	0
1432509	6/9/2023 0:28	6/9/2023 1:19	51	0
587455	6/9/2023 0:28	6/9/2023 1:25	57	0
8387677	6/9/2023 0:28	6/9/2023 1:31	63	0
316630	6/9/2023 0:28	6/9/2023 1:31	63	0
313954	6/9/2023 0:28	6/9/2023 4:07	219	0
535717	6/9/2023 0:28	6/9/2023 3:39	191	0
315604	6/9/2023 0:28	6/9/2023 1:24	56	0
315380	6/9/2023 0:28	6/9/2023 3:11	163	0
6623421	6/9/2023 0:28	6/9/2023 1:26	58	0
313731	6/9/2023 0:28	6/9/2023 1:16	48	0
854579	6/9/2023 0:28	6/9/2023 1:13	45	0
6761269	6/9/2023 0:28	6/9/2023 1:33	65	0
260516	6/9/2023 0:28	6/9/2023 1:18	50	0
6503956	6/9/2023 0:28	6/9/2023 1:04	36	0
314564	6/9/2023 0:28	6/9/2023 1:36	68	0
1351069	6/9/2023 0:28	6/9/2023 1:24	56	0
345647	6/9/2023 0:28	6/9/2023 1:17	49	0
1350597	6/9/2023 0:28	6/9/2023 1:18	50	0
346288	6/9/2023 0:28	6/9/2023 1:29	61	0
772378	6/9/2023 0:28	6/9/2023 1:22	54	0
1349766	6/9/2023 0:28	6/9/2023 1:32	64	0
1511251	6/9/2023 0:28	6/9/2023 1:33	65	0
1350598	6/9/2023 0:28	6/9/2023 1:34	66	0
1538577	6/9/2023 0:28	6/9/2023 1:32	64	0
793690	6/9/2023 0:28	6/9/2023 1:22	54	0

6714863	6/9/2023 0:28	6/9/2023 1:07	39	0
1320619	6/9/2023 0:28	6/9/2023 10:00	571	0
1247921	6/9/2023 0:28	6/9/2023 1:18	50	0
8590289	6/9/2023 0:28	6/9/2023 1:15	47	0
1093833	6/9/2023 0:28	6/9/2023 1:25	57	0
313011	6/9/2023 0:28	6/9/2023 1:13	45	0
563721	6/9/2023 0:28	6/9/2023 1:19	51	0
1349244	6/9/2023 0:28	6/9/2023 10:00	571	0
315752	6/9/2023 0:28	6/9/2023 1:13	45	0
51483	6/9/2023 0:28	6/9/2023 1:30	62	0
378229	6/9/2023 0:28	6/9/2023 1:08	40	0
1702895	6/9/2023 0:28	6/9/2023 1:16	48	0
1301093	6/9/2023 0:28	6/9/2023 4:16	228	0
1700586	6/9/2023 0:29	6/9/2023 1:31	62	0
656628	6/9/2023 0:33	6/9/2023 0:49	16	0
629786	6/9/2023 0:33	6/9/2023 1:20	47	0
1299402	6/9/2023 0:34	6/9/2023 1:21	47	0
859747	6/9/2023 0:34	6/9/2023 0:37	3	0
8564413	6/9/2023 0:36	6/9/2023 4:17	221	0
859747	6/9/2023 0:37	6/9/2023 1:34	57	0
2032900	6/9/2023 0:40	6/9/2023 1:21	41	0
1514004	6/9/2023 0:46	6/9/2023 0:51	5	0
507365	6/9/2023 0:46	6/9/2023 0:57	11	0
656628	6/9/2023 0:49	6/9/2023 1:33	44	0
1514004	6/9/2023 0:51	6/9/2023 1:26	35	0
507365	6/9/2023 0:57	6/9/2023 1:06	9	0
6503956	6/9/2023 1:04	6/9/2023 10:00	535	0
507365	6/9/2023 1:06	6/9/2023 10:00	533	0
6714863	6/9/2023 1:07	6/9/2023 10:00	532	0
378229	6/9/2023 1:08	6/9/2023 10:00	531	0
1332906	6/9/2023 1:12	6/9/2023 10:00	527	0
1393633	6/9/2023 1:12	6/9/2023 10:00	527	0
1320845	6/9/2023 1:12	6/9/2023 10:00	527	0
854579	6/9/2023 1:13	6/9/2023 10:00	526	0
315752	6/9/2023 1:13	6/9/2023 10:00	526	0
313011	6/9/2023 1:13	6/9/2023 10:00	526	0
8590289	6/9/2023 1:15	6/9/2023 10:00	524	0
1702895	6/9/2023 1:16	6/9/2023 10:00	523	0
313731	6/9/2023 1:16	6/9/2023 10:00	523	0
345647	6/9/2023 1:17	6/9/2023 10:00	522	0
1247921	6/9/2023 1:18	6/9/2023 10:00	521	0
260516	6/9/2023 1:18	6/9/2023 10:00	521	0
8511623	6/9/2023 1:18	6/9/2023 10:00	521	0
1681747	6/9/2023 1:18	6/9/2023 10:00	521	0
1350597	6/9/2023 1:18	6/9/2023 10:00	521	0
563721	6/9/2023 1:19	6/9/2023 10:00	520	0
1432509	6/9/2023 1:19	6/9/2023 10:00	520	0

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1299402	6/9/2023 1:21	6/9/2023 10:00	518	0
2032900	6/9/2023 1:21	6/9/2023 10:00	518	0
1309098	6/9/2023 1:22	6/9/2023 10:00	517	0
772378	6/9/2023 1:22	6/9/2023 10:00	517	0
793690	6/9/2023 1:22	6/9/2023 10:00	517	0
7533405	6/9/2023 1:22	6/9/2023 10:00	517	0
457729	6/9/2023 1:23	6/9/2023 10:00	516	0
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1351069	6/9/2023 1:24	6/9/2023 10:00	515	0
1093833	6/9/2023 1:25	6/9/2023 10:00	514	0
587455	6/9/2023 1:25	6/9/2023 10:00	514	0
8668965	6/9/2023 1:25	6/9/2023 10:00	514	0
1514004	6/9/2023 1:26	6/9/2023 10:00	513	0
6623421	6/9/2023 1:26	6/9/2023 10:00	513	0
346288	6/9/2023 1:29	6/9/2023 10:00	510	0
572882	6/9/2023 1:29	6/9/2023 10:00	510	0
51483	6/9/2023 1:30	6/9/2023 10:00	509	0
1700586	6/9/2023 1:31	6/9/2023 10:00	508	0
8387677	6/9/2023 1:31	6/9/2023 10:00	508	0
1417279	6/9/2023 1:31	6/9/2023 10:00	508	0
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416557	6/9/2023 1:31	6/9/2023 10:00	508	0
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1417138	6/9/2023 1:32	6/9/2023 10:00	507	0
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656628	6/9/2023 1:33	6/9/2023 10:00	506	0
6761269	6/9/2023 1:33	6/9/2023 10:00	506	0
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859747	6/9/2023 1:34	6/9/2023 10:00	505	0
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751178	6/9/2023 2:43	6/9/2023 10:00	436	0
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535717	6/9/2023 3:39	6/9/2023 10:00	380	0
313954	6/9/2023 4:07	6/9/2023 10:00	352	0
1301093	6/9/2023 4:16	6/9/2023 10:00	343	0
8564413	6/9/2023 4:17	6/9/2023 10:00	342	0
314564	6/9/2023 10:00	6/9/2023 16:47	407	0
1702895	6/9/2023 10:00	6/10/2023 0:40	880	0.28
315380	6/9/2023 10:00	6/9/2023 23:43	823	0
456099	6/9/2023 10:00	6/10/2023 10:00	1439	0

1349766	6/9/2023 10:00	6/10/2023 10:00	1439	0.11
328570	6/9/2023 10:00	6/10/2023 10:00	1439	0
1539391	6/9/2023 10:00	6/9/2023 11:52	112	0
8148103	6/9/2023 10:00	6/9/2023 11:20	80	0
1190820	6/9/2023 10:00	6/9/2023 12:24	144	0
7533405	6/9/2023 10:00	6/9/2023 15:51	351	0.41
416557	6/9/2023 10:00	6/9/2023 16:52	412	0
8564413	6/9/2023 10:00	6/10/2023 0:51	891	0
1538577	6/9/2023 10:00	6/9/2023 11:26	86	0
6714863	6/9/2023 10:00	6/9/2023 16:58	418	0
1350597	6/9/2023 10:00	6/9/2023 16:43	403	0
324290	6/9/2023 10:00	6/10/2023 10:00	1439	0
8590289	6/9/2023 10:00	6/9/2023 16:36	396	0.11
313954	6/9/2023 10:00	6/9/2023 14:14	254	0.08
1251782	6/9/2023 10:00	6/10/2023 10:00	1439	0
243371	6/9/2023 10:00	6/10/2023 10:00	1439	0
121748	6/9/2023 10:00	6/10/2023 10:00	1439	0
378229	6/9/2023 10:00	6/9/2023 11:20	80	0
507365	6/9/2023 10:00	6/9/2023 13:27	207	0
859747	6/9/2023 10:00	6/10/2023 10:00	1439	0
535717	6/9/2023 10:00	6/10/2023 10:00	1439	0
1525793	6/9/2023 10:00	6/9/2023 23:57	837	0
1193174	6/9/2023 10:00	6/10/2023 10:00	1439	0.04
316630	6/9/2023 10:00	6/10/2023 10:00	1439	0.11
656628	6/9/2023 10:00	6/9/2023 12:09	129	0.05
1417279	6/9/2023 10:00	6/9/2023 16:57	417	0
1511251	6/9/2023 10:00	6/10/2023 10:00	1439	0
564357	6/9/2023 10:00	6/10/2023 10:00	1439	0
705447	6/9/2023 10:00	6/10/2023 10:00	1439	0
346288	6/9/2023 10:00	6/9/2023 12:16	136	0.08
1350598	6/9/2023 10:00	6/9/2023 16:52	412	0
8950281	6/9/2023 10:00	6/9/2023 12:10	130	0
6761269	6/9/2023 10:00	6/9/2023 11:21	81	0
315088	6/9/2023 10:00	6/10/2023 10:00	1439	0
587455	6/9/2023 10:00	6/9/2023 15:55	355	0
8387677	6/9/2023 10:00	6/9/2023 16:41	401	0.01
1514004	6/9/2023 10:00	6/9/2023 13:06	186	0.02
510307	6/9/2023 10:00	6/10/2023 10:00	1439	0.05
260516	6/9/2023 10:00	6/10/2023 10:00	1439	0
2032900	6/9/2023 10:00	6/9/2023 13:01	181	0.07
1332906	6/9/2023 10:00	6/9/2023 17:03	423	0
313011	6/9/2023 10:00	6/9/2023 23:44	824	0
1320619	6/9/2023 10:00	6/10/2023 10:00	1439	0
1349244	6/9/2023 10:00	6/10/2023 2:33	993	0.16
1299402	6/9/2023 10:00	6/10/2023 10:00	1439	0.01
330528	6/9/2023 10:00	6/9/2023 16:02	362	0
1378141	6/9/2023 10:00	6/10/2023 10:00	1439	0.01

8734029	6/9/2023 10:00	6/9/2023 11:51	111	0
51483	6/9/2023 10:00	6/9/2023 12:02	122	0.17
313731	6/9/2023 10:00	6/9/2023 16:42	402	0
1309098	6/9/2023 10:00	6/9/2023 20:39	639	0.78
6503956	6/9/2023 10:00	6/10/2023 10:00	1439	0
264186	6/9/2023 10:00	6/10/2023 10:00	1439	0
1417138	6/9/2023 10:00	6/9/2023 11:20	80	0
1432509	6/9/2023 10:00	6/9/2023 12:31	151	0
572882	6/9/2023 10:00	6/9/2023 15:48	348	1.42
1511264	6/9/2023 10:00	6/10/2023 10:00	1439	0.22
1393633	6/9/2023 10:00	6/9/2023 14:45	285	0
793690	6/9/2023 10:00	6/9/2023 11:15	75	0.2
1301093	6/9/2023 10:00	6/9/2023 11:56	116	0
345647	6/9/2023 10:00	6/10/2023 10:00	1439	0
772378	6/9/2023 10:00	6/9/2023 12:42	162	0
1508563	6/9/2023 10:00	6/10/2023 10:00	1439	0
629786	6/9/2023 10:00	6/10/2023 10:00	1439	0
6623421	6/9/2023 10:00	6/10/2023 10:00	1439	0.05
8668965	6/9/2023 10:00	6/10/2023 10:00	1439	0
561757	6/9/2023 10:00	6/10/2023 10:00	1439	0
1320845	6/9/2023 10:00	6/10/2023 10:00	1439	0.24
1247921	6/9/2023 10:00	6/9/2023 16:28	388	0
7937779	6/9/2023 10:00	6/10/2023 10:00	1439	0
564518	6/9/2023 10:00	6/9/2023 11:55	115	0
316997	6/9/2023 10:00	6/9/2023 14:04	244	0.12
315752	6/9/2023 10:00	6/10/2023 2:27	987	0
46184	6/9/2023 10:00	6/10/2023 10:00	1439	0
1076617	6/9/2023 10:00	6/9/2023 16:41	401	0
1624452	6/9/2023 10:00	6/9/2023 23:32	812	0
8511623	6/9/2023 10:00	6/9/2023 16:33	393	0
563721	6/9/2023 10:00	6/9/2023 12:44	164	0.64
315604	6/9/2023 10:00	6/9/2023 15:47	347	0
1700586	6/9/2023 10:00	6/9/2023 11:21	81	0
637185	6/9/2023 10:00	6/10/2023 10:00	1439	0
1351069	6/9/2023 10:00	6/10/2023 10:00	1439	0
854579	6/9/2023 10:20	6/10/2023 10:00	1419	0
1681747	6/9/2023 10:35	6/10/2023 10:00	1404	0
496500	6/9/2023 10:40	6/9/2023 22:29	709	0
1093833	6/9/2023 10:41	6/9/2023 16:40	359	0.19
21820	6/9/2023 11:03	6/9/2023 22:08	665	0.26
506261	6/9/2023 11:03	6/9/2023 23:01	718	1.37
324045	6/9/2023 11:10	6/9/2023 21:34	624	0
793690	6/9/2023 11:15	6/9/2023 16:37	322	0.16
266906	6/9/2023 11:17	6/9/2023 23:33	736	0.26
378229	6/9/2023 11:20	6/9/2023 23:25	725	0.22
8148103	6/9/2023 11:20	6/9/2023 17:35	375	0.69
1417138	6/9/2023 11:20	6/9/2023 22:26	666	0

6761269	6/9/2023 11:21	6/9/2023 22:38	677	0
315345	6/9/2023 11:21	6/9/2023 21:11	590	0.12
1345699	6/9/2023 11:21	6/10/2023 2:43	922	0.73
1700586	6/9/2023 11:21	6/10/2023 0:31	790	0
617514	6/9/2023 11:21	6/10/2023 10:00	1358	0
1538577	6/9/2023 11:26	6/9/2023 23:26	720	0.09
619266	6/9/2023 11:40	6/10/2023 10:00	1339	0
7607485	6/9/2023 11:40	6/9/2023 23:20	700	0
8734029	6/9/2023 11:51	6/9/2023 21:12	561	0
1539391	6/9/2023 11:52	6/9/2023 11:58	6	0
564518	6/9/2023 11:55	6/9/2023 12:09	14	0
1301093	6/9/2023 11:56	6/9/2023 22:17	621	0
1539391	6/9/2023 11:58	6/9/2023 14:12	134	0
51483	6/9/2023 12:02	6/9/2023 12:16	14	0
656628	6/9/2023 12:09	6/10/2023 0:48	759	0.41
564518	6/9/2023 12:09	6/10/2023 10:00	1310	0
1586005	6/9/2023 12:09	6/9/2023 23:47	698	0
8950281	6/9/2023 12:10	6/9/2023 12:15	5	0
1573666	6/9/2023 12:10	6/9/2023 23:49	699	0
8950281	6/9/2023 12:15	6/9/2023 16:50	275	0
51483	6/9/2023 12:16	6/9/2023 16:42	266	0.09
346288	6/9/2023 12:16	6/9/2023 12:30	14	0
1190820	6/9/2023 12:24	6/9/2023 20:23	479	0
346288	6/9/2023 12:30	6/9/2023 16:36	246	0.1
1432509	6/9/2023 12:31	6/10/2023 0:15	704	0
265473	6/9/2023 12:38	6/9/2023 20:18	460	0
772378	6/9/2023 12:42	6/9/2023 12:48	6	0
563721	6/9/2023 12:44	6/9/2023 12:55	11	0
772378	6/9/2023 12:48	6/9/2023 16:42	234	0
563721	6/9/2023 12:55	6/9/2023 16:44	229	0
2032900	6/9/2023 13:01	6/9/2023 13:14	13	0.04
1514004	6/9/2023 13:06	6/9/2023 13:26	20	0.14
2032900	6/9/2023 13:14	6/9/2023 16:41	207	0
1395587	6/9/2023 13:23	6/10/2023 0:28	665	0
1514004	6/9/2023 13:26	6/10/2023 10:00	1233	0.03
507365	6/9/2023 13:27	6/10/2023 1:00	693	0
318815	6/9/2023 13:54	6/10/2023 10:00	1205	0
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1539391	6/9/2023 14:12	6/9/2023 21:52	460	0
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346288	6/9/2023 16:36	6/10/2023 0:28	472	0
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313954	6/9/2023 23:44	6/10/2023 0:28	44	0
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315604	6/10/2023 1:44	6/10/2023 10:00	495	0
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315345	6/10/2023 2:31	6/10/2023 10:00	448	0
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1624452	6/10/2023 5:44	6/10/2023 5:52	8	0
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315346	6/10/2023 10:00	6/11/2023 10:00	1439	0
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1350598	6/10/2023 10:00	6/11/2023 10:00	1439	0
1309098	6/10/2023 10:00	6/11/2023 10:00	1439	0.37
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705447	6/10/2023 10:00	6/11/2023 10:00	1439	0
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1247921	6/10/2023 10:00	6/11/2023 10:00	1439	0

1368745	6/10/2023 10:00	6/11/2023 10:00	1439	0
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496500	6/10/2023 10:00	6/11/2023 10:00	1439	0
1525793	6/10/2023 10:00	6/11/2023 10:00	1439	0
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563721	6/10/2023 10:00	6/11/2023 10:00	1439	0
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21820	6/10/2023 10:00	6/11/2023 10:00	1439	0
1251782	6/10/2023 10:00	6/11/2023 10:00	1439	0
810130	6/10/2023 10:00	6/11/2023 10:00	1439	0
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1573666	6/10/2023 10:00	6/11/2023 10:00	1439	0
6714863	6/10/2023 10:00	6/11/2023 10:00	1439	0
415949	6/10/2023 10:00	6/11/2023 10:00	1439	0
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1348780	6/10/2023 10:00	6/11/2023 10:00	1439	0
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313954	6/10/2023 10:00	6/11/2023 10:00	1439	0.41
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314564	6/10/2023 10:00	6/11/2023 10:00	1439	0
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8206792	6/10/2023 10:00	6/11/2023 10:00	1439	0
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637185	6/12/2023 10:00	6/13/2023 10:00	1439	0
705447	6/12/2023 10:00	6/13/2023 10:00	1439	0
328570	6/12/2023 15:19	6/13/2023 10:00	1120	0
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6961293	6/12/2023 16:38	6/13/2023 10:00	1041	0
1324274	6/12/2023 16:47	6/13/2023 4:43	716	0
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325050	6/12/2023 17:23	6/12/2023 23:28	365	0
8621797	6/12/2023 17:23	6/12/2023 23:32	369	0
8950281	6/12/2023 17:23	6/12/2023 23:28	365	0
8206792	6/12/2023 17:25	6/12/2023 23:25	360	0
324290	6/12/2023 17:27	6/12/2023 23:32	365	0
51483	6/12/2023 17:31	6/12/2023 23:21	350	0
1557303	6/12/2023 17:31	6/12/2023 21:31	240	0
1985687	6/12/2023 17:34	6/12/2023 23:11	337	0
1573666	6/12/2023 17:34	6/12/2023 23:18	344	0
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1599629	6/12/2023 17:42	6/12/2023 23:30	348	0
321310	6/12/2023 17:42	6/12/2023 23:26	344	0
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8734029	6/12/2023 18:01	6/12/2023 23:41	340	0
1350598	6/12/2023 18:02	6/12/2023 23:57	355	0
561757	6/12/2023 18:06	6/13/2023 0:06	360	0
1350597	6/12/2023 18:11	6/13/2023 0:12	361	0
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1287595	6/12/2023 18:13	6/12/2023 18:27	14	0
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1287595	6/12/2023 18:27	6/12/2023 19:58	91	0
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416557	6/12/2023 19:21	6/12/2023 22:36	195	0
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315345	6/12/2023 21:00	6/13/2023 0:28	208	0
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416557	6/12/2023 22:36	6/13/2023 0:28	112	0
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324045	6/12/2023 22:55	6/13/2023 0:28	93	0
581832	6/12/2023 22:56	6/13/2023 0:28	92	0
1985687	6/12/2023 23:11	6/13/2023 0:28	77	0
323747	6/12/2023 23:18	6/13/2023 0:28	70	0
1430553	6/12/2023 23:18	6/13/2023 0:28	70	0
1573666	6/12/2023 23:18	6/13/2023 0:28	70	0

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1557303	6/12/2023 23:24	6/13/2023 0:28	64	0
8206792	6/12/2023 23:25	6/13/2023 0:28	63	0
321310	6/12/2023 23:26	6/13/2023 0:28	62	0
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8950281	6/12/2023 23:28	6/13/2023 0:28	60	0
325050	6/12/2023 23:28	6/13/2023 0:28	60	0
1599629	6/12/2023 23:30	6/13/2023 0:28	58	0
8621797	6/12/2023 23:32	6/13/2023 0:28	56	0
324290	6/12/2023 23:32	6/13/2023 0:28	56	0
8734029	6/12/2023 23:41	6/13/2023 0:28	47	0
1511251	6/12/2023 23:48	6/13/2023 0:28	40	0
1350598	6/12/2023 23:57	6/13/2023 0:28	31	0
1700586	6/12/2023 23:58	6/13/2023 0:28	30	0
1349338	6/13/2023 0:00	6/13/2023 0:28	28	0
561757	6/13/2023 0:06	6/13/2023 0:28	22	0
1350597	6/13/2023 0:12	6/13/2023 0:28	16	0
581074	6/13/2023 0:16	6/13/2023 0:28	12	0
8564413	6/13/2023 0:19	6/13/2023 0:28	9	0
1332906	6/13/2023 0:28	6/13/2023 10:00	571	0
1624452	6/13/2023 0:28	6/13/2023 2:39	131	0
1349338	6/13/2023 0:28	6/13/2023 1:20	52	0
1350597	6/13/2023 0:28	6/13/2023 4:52	264	0
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1599629	6/13/2023 0:28	6/13/2023 2:31	123	0
8564413	6/13/2023 0:28	6/13/2023 3:59	211	0
1287595	6/13/2023 0:28	6/13/2023 10:00	571	0
1430553	6/13/2023 0:28	6/13/2023 3:58	210	0
323747	6/13/2023 0:28	6/13/2023 0:58	30	0
324290	6/13/2023 0:28	6/13/2023 1:12	44	0
581832	6/13/2023 0:28	6/13/2023 1:16	48	0
416557	6/13/2023 0:28	6/13/2023 2:56	148	0
8621797	6/13/2023 0:28	6/13/2023 5:32	304	0
325050	6/13/2023 0:28	6/13/2023 1:08	40	0
8950281	6/13/2023 0:28	6/13/2023 5:08	280	0
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1511251	6/13/2023 0:28	6/13/2023 4:28	240	0
8206792	6/13/2023 0:28	6/13/2023 2:45	137	0
51483	6/13/2023 0:28	6/13/2023 4:41	253	0
1700586	6/13/2023 0:28	6/13/2023 0:38	10	0
1573666	6/13/2023 0:28	6/13/2023 3:38	190	0
321310	6/13/2023 0:28	6/13/2023 5:46	318	0
1985687	6/13/2023 0:28	6/13/2023 3:51	203	0
561757	6/13/2023 0:28	6/13/2023 2:06	98	0
6714863	6/13/2023 0:28	6/13/2023 2:50	142	0
1350598	6/13/2023 0:28	6/13/2023 4:57	269	0

581074	6/13/2023 0:28	6/13/2023 4:56	268	0
324045	6/13/2023 0:28	6/13/2023 0:55	27	0
8734029	6/13/2023 0:28	6/13/2023 4:21	233	0
315345	6/13/2023 0:28	6/13/2023 10:00	571	0.02
237266	6/13/2023 0:28	6/13/2023 10:00	571	0
1387226	6/13/2023 0:30	6/13/2023 0:42	12	0
507365	6/13/2023 0:32	6/13/2023 0:44	12	0
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1518241	6/13/2023 0:41	6/13/2023 0:52	11	0
1387226	6/13/2023 0:42	6/13/2023 0:50	8	0
507365	6/13/2023 0:44	6/13/2023 5:12	268	0
1190820	6/13/2023 0:45	6/13/2023 10:00	554	0
791361	6/13/2023 0:49	6/13/2023 0:59	10	0
1387226	6/13/2023 0:50	6/13/2023 10:00	549	0
1518241	6/13/2023 0:52	6/13/2023 5:01	249	0
324045	6/13/2023 0:55	6/13/2023 10:00	544	0
323747	6/13/2023 0:58	6/13/2023 10:00	541	0
791361	6/13/2023 0:59	6/13/2023 2:44	105	0
325050	6/13/2023 1:08	6/13/2023 10:00	531	0
324290	6/13/2023 1:12	6/13/2023 8:40	448	0
581832	6/13/2023 1:16	6/13/2023 10:00	523	0
1349338	6/13/2023 1:20	6/13/2023 10:00	519	0
561757	6/13/2023 2:06	6/13/2023 10:00	473	0
316997	6/13/2023 2:19	6/13/2023 10:00	460	0
1599629	6/13/2023 2:31	6/13/2023 10:00	448	0
1624452	6/13/2023 2:39	6/13/2023 10:00	440	0
791361	6/13/2023 2:44	6/13/2023 10:00	435	0
8206792	6/13/2023 2:45	6/13/2023 10:00	434	0
6714863	6/13/2023 2:50	6/13/2023 10:00	429	0
1309098	6/13/2023 2:50	6/13/2023 10:00	429	0
416557	6/13/2023 2:56	6/13/2023 10:00	423	0
1573666	6/13/2023 3:38	6/13/2023 10:00	381	0
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1326419	6/13/2023 3:49	6/13/2023 10:00	370	0
1985687	6/13/2023 3:51	6/13/2023 10:00	368	0
572882	6/13/2023 3:51	6/13/2023 5:08	77	0
587455	6/13/2023 3:51	6/13/2023 3:54	3	0
587455	6/13/2023 3:54	6/13/2023 4:51	57	0
1430553	6/13/2023 3:58	6/13/2023 10:00	361	0
8564413	6/13/2023 3:59	6/13/2023 10:00	360	0
8734029	6/13/2023 4:21	6/13/2023 10:00	338	0
1511251	6/13/2023 4:28	6/13/2023 10:00	331	0
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619266	6/13/2023 4:33	6/13/2023 4:37	4	0
619266	6/13/2023 4:37	6/13/2023 5:27	50	0
51483	6/13/2023 4:41	6/13/2023 10:00	318	0

1324274	6/13/2023 4:43	6/13/2023 4:52	9	0
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1324274	6/13/2023 4:52	6/13/2023 7:03	131	0
1350597	6/13/2023 4:52	6/13/2023 10:00	307	0
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1518241	6/13/2023 5:01	6/13/2023 10:00	298	0
1557303	6/13/2023 5:04	6/13/2023 10:00	295	0
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8621797	6/13/2023 5:52	6/13/2023 10:00	247	0
321310	6/13/2023 6:06	6/13/2023 10:00	233	0
1324274	6/13/2023 7:03	6/13/2023 10:00	176	0
23566	6/13/2023 8:12	6/13/2023 10:00	107	0
324290	6/13/2023 8:40	6/13/2023 10:00	79	0
46184	6/13/2023 10:00	6/14/2023 10:00	1439	0
1518241	6/13/2023 10:00	6/14/2023 10:00	1439	0.6
51483	6/13/2023 10:00	6/13/2023 11:33	93	0.02
6714863	6/13/2023 10:00	6/14/2023 10:00	1439	0.13
324045	6/13/2023 10:00	6/13/2023 15:52	352	0
1387226	6/13/2023 10:00	6/14/2023 10:00	1439	0
243371	6/13/2023 10:00	6/14/2023 10:00	1439	0
1324274	6/13/2023 10:00	6/14/2023 10:00	1439	0
264186	6/13/2023 10:00	6/14/2023 10:00	1439	0
507365	6/13/2023 10:00	6/13/2023 12:45	165	0
8621797	6/13/2023 10:00	6/14/2023 10:00	1439	0
581832	6/13/2023 10:00	6/14/2023 10:00	1439	0
564357	6/13/2023 10:00	6/14/2023 10:00	1439	0
237266	6/13/2023 10:00	6/14/2023 10:00	1439	0
1700586	6/13/2023 10:00	6/13/2023 12:15	135	0.04
1326419	6/13/2023 10:00	6/14/2023 10:00	1439	0.83
1430553	6/13/2023 10:00	6/14/2023 10:00	1439	0.33
416557	6/13/2023 10:00	6/13/2023 22:30	750	0
561757	6/13/2023 10:00	6/14/2023 10:00	1439	0
1511251	6/13/2023 10:00	6/13/2023 11:47	107	0
1299402	6/13/2023 10:00	6/14/2023 10:00	1439	0
1464949	6/13/2023 10:00	6/14/2023 10:00	1439	0
8564413	6/13/2023 10:00	6/14/2023 0:23	863	0
7607485	6/13/2023 10:00	6/14/2023 10:00	1439	0
793690	6/13/2023 10:00	6/14/2023 10:00	1439	0.01
705447	6/13/2023 10:00	6/14/2023 10:00	1439	0

791361	6/13/2023 10:00	6/14/2023 10:00	1439	0
315345	6/13/2023 10:00	6/14/2023 10:00	1439	0.33
321310	6/13/2023 10:00	6/14/2023 10:00	1439	0
581074	6/13/2023 10:00	6/14/2023 0:19	859	0
1309098	6/13/2023 10:00	6/13/2023 20:41	641	2.18
1495134	6/13/2023 10:00	6/13/2023 11:23	83	0.08
564518	6/13/2023 10:00	6/13/2023 11:24	84	0
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1349338	6/13/2023 10:00	6/14/2023 10:00	1439	0
324290	6/13/2023 10:00	6/13/2023 23:35	815	0
8734029	6/13/2023 10:00	6/13/2023 11:49	109	0
1350597	6/13/2023 10:00	6/13/2023 20:14	614	0
1332906	6/13/2023 10:00	6/14/2023 10:00	1439	0
6961293	6/13/2023 10:00	6/14/2023 10:00	1439	0
323747	6/13/2023 10:00	6/13/2023 16:21	381	0
8950281	6/13/2023 10:00	6/13/2023 12:44	164	0
587455	6/13/2023 10:00	6/13/2023 12:26	146	0
572882	6/13/2023 10:00	6/13/2023 12:48	168	1.24
378229	6/13/2023 10:00	6/13/2023 11:12	72	1.08
1190820	6/13/2023 10:00	6/14/2023 10:00	1439	0
1573666	6/13/2023 10:00	6/13/2023 11:12	72	0
1251782	6/13/2023 10:00	6/13/2023 11:34	94	0
315346	6/13/2023 10:00	6/13/2023 11:04	64	0
558031	6/13/2023 10:00	6/14/2023 10:00	1439	0.64
1350598	6/13/2023 10:00	6/14/2023 10:00	1439	0
637185	6/13/2023 10:00	6/14/2023 10:00	1439	0
1287595	6/13/2023 10:00	6/13/2023 11:37	97	0
325050	6/13/2023 10:00	6/13/2023 11:17	77	0
328570	6/13/2023 10:00	6/14/2023 10:00	1439	0
23566	6/13/2023 10:00	6/14/2023 10:00	1439	0.02
7533405	6/13/2023 10:28	6/13/2023 20:27	599	1.2
6761269	6/13/2023 10:32	6/13/2023 22:31	719	0
619266	6/13/2023 10:33	6/14/2023 10:00	1406	0.08
1247921	6/13/2023 10:35	6/14/2023 10:00	1404	0
316997	6/13/2023 10:37	6/13/2023 16:19	342	1.82
8104722	6/13/2023 10:46	6/13/2023 23:25	759	0
315346	6/13/2023 11:04	6/13/2023 14:29	205	0.6
1624452	6/13/2023 11:10	6/13/2023 23:28	738	0
378229	6/13/2023 11:12	6/13/2023 11:20	8	0
1573666	6/13/2023 11:12	6/13/2023 23:37	745	0
1301093	6/13/2023 11:16	6/13/2023 23:21	725	1.29
325050	6/13/2023 11:17	6/13/2023 11:36	19	0
378229	6/13/2023 11:20	6/13/2023 12:02	42	0
1495134	6/13/2023 11:23	6/13/2023 11:25	2	0.04
564518	6/13/2023 11:24	6/13/2023 11:34	10	0
8068454	6/13/2023 11:25	6/13/2023 12:50	85	0
1495134	6/13/2023 11:25	6/13/2023 14:23	178	0.44

8148103	6/13/2023 11:26	6/13/2023 22:26	660	1.37
593397	6/13/2023 11:26	6/14/2023 0:28	782	0
51483	6/13/2023 11:33	6/13/2023 11:41	8	0.01
1251782	6/13/2023 11:34	6/13/2023 11:38	4	0
564518	6/13/2023 11:34	6/13/2023 12:44	70	0
1985687	6/13/2023 11:34	6/13/2023 23:19	705	0
325050	6/13/2023 11:36	6/13/2023 15:57	261	0
1287595	6/13/2023 11:37	6/13/2023 22:45	668	0
21820	6/13/2023 11:37	6/13/2023 23:39	722	1.45
1599629	6/13/2023 11:38	6/13/2023 11:40	2	0.03
313011	6/13/2023 11:38	6/13/2023 22:37	659	0
1251782	6/13/2023 11:38	6/13/2023 11:54	16	0
1599629	6/13/2023 11:40	6/13/2023 17:38	358	1.36
51483	6/13/2023 11:41	6/13/2023 12:13	32	0
535717	6/13/2023 11:44	6/13/2023 23:44	720	0.87
1511251	6/13/2023 11:47	6/13/2023 12:01	14	0
8734029	6/13/2023 11:49	6/13/2023 23:51	722	0
1251782	6/13/2023 11:54	6/13/2023 23:34	700	0
1432509	6/13/2023 11:54	6/13/2023 23:57	723	0
8668965	6/13/2023 11:54	6/14/2023 0:14	740	0.53
1508563	6/13/2023 11:56	6/14/2023 0:00	724	0.85
1511251	6/13/2023 12:01	6/13/2023 12:07	6	0
378229	6/13/2023 12:02	6/13/2023 23:11	669	1.05
1511251	6/13/2023 12:07	6/13/2023 23:47	700	0
563721	6/13/2023 12:13	6/13/2023 12:17	4	0
51483	6/13/2023 12:13	6/13/2023 23:31	678	0.02
1700586	6/13/2023 12:15	6/13/2023 12:24	9	0
563721	6/13/2023 12:17	6/13/2023 12:33	16	0
859747	6/13/2023 12:19	6/13/2023 22:44	625	0
1700586	6/13/2023 12:24	6/13/2023 15:55	211	0.54
587455	6/13/2023 12:26	6/13/2023 21:46	560	0
656628	6/13/2023 12:28	6/13/2023 23:51	683	0.45
563721	6/13/2023 12:33	6/14/2023 0:16	703	0.33
1514004	6/13/2023 12:39	6/13/2023 15:39	180	0.9
8950281	6/13/2023 12:44	6/13/2023 17:32	288	0
564518	6/13/2023 12:44	6/13/2023 23:24	640	0
507365	6/13/2023 12:45	6/13/2023 12:52	7	0
791510	6/13/2023 12:47	6/13/2023 22:06	559	0.98
572882	6/13/2023 12:48	6/13/2023 21:46	538	1.38
8068454	6/13/2023 12:50	6/13/2023 23:29	639	0
507365	6/13/2023 12:52	6/13/2023 13:25	33	0
507365	6/13/2023 13:25	6/13/2023 21:03	458	0
315604	6/13/2023 13:53	6/13/2023 23:32	579	0
1495134	6/13/2023 14:23	6/13/2023 22:03	460	0
315346	6/13/2023 14:29	6/13/2023 22:12	463	0
315752	6/13/2023 14:46	6/14/2023 0:28	582	0
6503956	6/13/2023 14:53	6/13/2023 22:30	457	0

316630	6/13/2023 15:00	6/13/2023 23:48	528	0
1514004	6/13/2023 15:39	6/13/2023 23:17	458	0
324045	6/13/2023 15:52	6/13/2023 22:55	423	0
1700586	6/13/2023 15:55	6/13/2023 23:33	458	0
325050	6/13/2023 15:57	6/13/2023 23:32	455	0
313954	6/13/2023 15:58	6/13/2023 23:44	466	0
1093833	6/13/2023 16:17	6/14/2023 4:35	738	0
316997	6/13/2023 16:19	6/13/2023 16:38	19	0
496500	6/13/2023 16:20	6/13/2023 22:34	374	0
323747	6/13/2023 16:21	6/13/2023 23:36	435	0
1671958	6/13/2023 16:27	6/14/2023 3:57	690	0
1417138	6/13/2023 16:27	6/13/2023 22:25	358	0
593366	6/13/2023 16:31	6/14/2023 10:00	1048	0
316997	6/13/2023 16:38	6/13/2023 17:39	61	0.12
323657	6/13/2023 17:02	6/14/2023 10:00	1017	0
315380	6/13/2023 17:29	6/13/2023 23:46	377	0
8950281	6/13/2023 17:32	6/13/2023 17:42	10	0
313731	6/13/2023 17:34	6/13/2023 23:44	370	0
583848	6/13/2023 17:35	6/13/2023 23:31	356	0
1599629	6/13/2023 17:38	6/13/2023 23:40	362	0
316997	6/13/2023 17:39	6/13/2023 22:38	299	0.09
8950281	6/13/2023 17:42	6/13/2023 20:12	150	0
314564	6/13/2023 17:44	6/13/2023 23:43	359	0
346288	6/13/2023 17:46	6/13/2023 23:41	355	0
1417279	6/13/2023 18:15	6/14/2023 0:14	359	0
2032900	6/13/2023 18:22	6/14/2023 0:36	374	0
793638	6/13/2023 18:22	6/14/2023 10:00	937	0
810130	6/13/2023 18:28	6/14/2023 0:36	368	0
396857	6/13/2023 18:46	6/14/2023 0:16	330	0
318815	6/13/2023 18:56	6/14/2023 10:00	903	0
8950281	6/13/2023 20:12	6/13/2023 23:41	209	0
1350597	6/13/2023 20:14	6/14/2023 0:13	239	0
7533405	6/13/2023 20:27	6/14/2023 10:00	812	0
1349244	6/13/2023 20:30	6/14/2023 0:28	238	0
1309098	6/13/2023 20:41	6/14/2023 0:28	227	0
507365	6/13/2023 21:03	6/14/2023 10:00	776	0
345647	6/13/2023 21:18	6/13/2023 23:23	125	0
572882	6/13/2023 21:46	6/14/2023 0:28	162	0
587455	6/13/2023 21:46	6/14/2023 0:28	162	0
1495134	6/13/2023 22:03	6/14/2023 10:00	716	0
791510	6/13/2023 22:06	6/14/2023 0:28	142	0
315346	6/13/2023 22:12	6/14/2023 10:00	707	0
1417138	6/13/2023 22:25	6/14/2023 0:28	123	0
8148103	6/13/2023 22:26	6/14/2023 10:00	693	0
6503956	6/13/2023 22:30	6/14/2023 10:00	689	0
416557	6/13/2023 22:30	6/14/2023 0:28	118	0
6761269	6/13/2023 22:31	6/14/2023 0:28	117	0

496500	6/13/2023 22:34	6/14/2023 0:28	114	0
313011	6/13/2023 22:37	6/14/2023 10:00	682	0
316997	6/13/2023 22:38	6/14/2023 0:28	110	0
859747	6/13/2023 22:44	6/14/2023 10:00	675	0
1287595	6/13/2023 22:45	6/14/2023 10:00	674	0
324045	6/13/2023 22:55	6/14/2023 10:00	664	0
378229	6/13/2023 23:11	6/14/2023 0:28	77	0
1514004	6/13/2023 23:17	6/14/2023 10:00	642	0
1985687	6/13/2023 23:19	6/14/2023 0:28	69	0
1301093	6/13/2023 23:21	6/14/2023 10:00	638	0
345647	6/13/2023 23:23	6/14/2023 0:28	65	0
564518	6/13/2023 23:24	6/14/2023 0:28	64	0
8104722	6/13/2023 23:25	6/14/2023 0:28	63	0
1624452	6/13/2023 23:28	6/14/2023 0:28	60	0
8068454	6/13/2023 23:29	6/14/2023 0:28	59	0
51483	6/13/2023 23:31	6/14/2023 0:28	57	0
583848	6/13/2023 23:31	6/14/2023 0:28	57	0
325050	6/13/2023 23:32	6/14/2023 10:00	627	0
315604	6/13/2023 23:32	6/14/2023 0:28	56	0
1700586	6/13/2023 23:33	6/14/2023 10:00	626	0
1251782	6/13/2023 23:34	6/14/2023 10:00	625	0
324290	6/13/2023 23:35	6/14/2023 10:00	624	0
323747	6/13/2023 23:36	6/14/2023 10:00	623	0
1573666	6/13/2023 23:37	6/14/2023 0:28	51	0
21820	6/13/2023 23:39	6/14/2023 10:00	620	0
1599629	6/13/2023 23:40	6/14/2023 0:28	48	0
8950281	6/13/2023 23:41	6/14/2023 0:28	47	0
346288	6/13/2023 23:41	6/14/2023 0:28	47	0
314564	6/13/2023 23:43	6/14/2023 0:28	45	0
313954	6/13/2023 23:44	6/14/2023 10:00	615	0
313731	6/13/2023 23:44	6/14/2023 0:28	44	0
535717	6/13/2023 23:44	6/14/2023 10:00	615	0
315380	6/13/2023 23:46	6/14/2023 0:28	42	0
1511251	6/13/2023 23:47	6/14/2023 0:28	41	0
316630	6/13/2023 23:48	6/14/2023 0:28	40	0
656628	6/13/2023 23:51	6/14/2023 10:00	608	0
8734029	6/13/2023 23:51	6/14/2023 0:28	37	0
1432509	6/13/2023 23:57	6/14/2023 0:28	31	0
1508563	6/14/2023 0:00	6/14/2023 0:28	28	0
1350597	6/14/2023 0:13	6/14/2023 0:28	15	0
1417279	6/14/2023 0:14	6/14/2023 0:28	14	0
8668965	6/14/2023 0:14	6/14/2023 0:28	14	0
396857	6/14/2023 0:16	6/14/2023 10:00	583	0
563721	6/14/2023 0:16	6/14/2023 0:28	12	0
581074	6/14/2023 0:19	6/14/2023 0:31	12	0
8564413	6/14/2023 0:23	6/14/2023 0:37	14	0
315752	6/14/2023 0:28	6/14/2023 10:00	571	0

6761269	6/14/2023 0:28	6/14/2023 2:11	103	0
1511251	6/14/2023 0:28	6/14/2023 3:27	179	0
8734029	6/14/2023 0:28	6/14/2023 3:31	183	0
791510	6/14/2023 0:28	6/14/2023 4:06	218	0
1599629	6/14/2023 0:28	6/14/2023 4:40	252	0
8668965	6/14/2023 0:28	6/14/2023 3:34	186	0
1350597	6/14/2023 0:28	6/14/2023 3:53	205	0
593397	6/14/2023 0:28	6/14/2023 10:00	571	0
564518	6/14/2023 0:28	6/14/2023 4:04	216	0
1349244	6/14/2023 0:28	6/14/2023 10:00	571	0
313731	6/14/2023 0:28	6/14/2023 3:44	196	0
1573666	6/14/2023 0:28	6/14/2023 2:37	129	0
8068454	6/14/2023 0:28	6/14/2023 4:09	221	0
416557	6/14/2023 0:28	6/14/2023 1:50	82	0
8950281	6/14/2023 0:28	6/14/2023 3:41	193	0
563721	6/14/2023 0:28	6/14/2023 3:56	208	0
572882	6/14/2023 0:28	6/14/2023 3:46	198	0
345647	6/14/2023 0:28	6/14/2023 5:03	275	0
8104722	6/14/2023 0:28	6/14/2023 2:05	97	0
1417138	6/14/2023 0:28	6/14/2023 1:45	77	0
1432509	6/14/2023 0:28	6/14/2023 1:37	69	0
378229	6/14/2023 0:28	6/14/2023 3:11	163	0
51483	6/14/2023 0:28	6/14/2023 3:31	183	0
315604	6/14/2023 0:28	6/14/2023 5:12	284	0
587455	6/14/2023 0:28	6/14/2023 3:46	198	0
496500	6/14/2023 0:28	6/14/2023 4:14	226	0
346288	6/14/2023 0:28	6/14/2023 3:41	193	0
1985687	6/14/2023 0:28	6/14/2023 5:23	295	0
316997	6/14/2023 0:28	6/14/2023 1:18	50	0
1417279	6/14/2023 0:28	6/14/2023 2:14	106	0
1309098	6/14/2023 0:28	6/14/2023 1:41	73	0
315380	6/14/2023 0:28	6/14/2023 3:06	158	0
314564	6/14/2023 0:28	6/14/2023 2:23	115	0
583848	6/14/2023 0:28	6/14/2023 2:51	143	0
1624452	6/14/2023 0:28	6/14/2023 1:28	60	0
1508563	6/14/2023 0:28	6/14/2023 4:40	252	0
316630	6/14/2023 0:28	6/14/2023 5:23	295	0
581074	6/14/2023 0:31	6/14/2023 3:39	188	0
2032900	6/14/2023 0:36	6/14/2023 0:41	5	0
810130	6/14/2023 0:36	6/14/2023 0:41	5	0
8564413	6/14/2023 0:37	6/14/2023 2:43	126	0
2032900	6/14/2023 0:41	6/14/2023 3:56	195	0
810130	6/14/2023 0:41	6/14/2023 3:56	195	0
316997	6/14/2023 1:18	6/14/2023 10:00	521	0
1624452	6/14/2023 1:28	6/14/2023 10:00	511	0
1432509	6/14/2023 1:37	6/14/2023 10:00	502	0
1309098	6/14/2023 1:41	6/14/2023 10:00	498	0

1417138	6/14/2023 1:45	6/14/2023 10:00	494	0
416557	6/14/2023 1:50	6/14/2023 10:00	489	0
8104722	6/14/2023 2:05	6/14/2023 10:00	474	0
6761269	6/14/2023 2:11	6/14/2023 10:00	468	0
1417279	6/14/2023 2:14	6/14/2023 10:00	465	0
314564	6/14/2023 2:23	6/14/2023 10:00	456	0
1573666	6/14/2023 2:37	6/14/2023 10:00	442	0
8564413	6/14/2023 2:43	6/14/2023 10:00	436	0
583848	6/14/2023 2:51	6/14/2023 10:00	428	0
315380	6/14/2023 3:06	6/14/2023 10:00	413	0
378229	6/14/2023 3:11	6/14/2023 10:00	408	0
1511251	6/14/2023 3:27	6/14/2023 10:00	392	0
51483	6/14/2023 3:31	6/14/2023 10:00	388	0
8734029	6/14/2023 3:31	6/14/2023 10:00	388	0
8668965	6/14/2023 3:34	6/14/2023 10:00	385	0
581074	6/14/2023 3:39	6/14/2023 10:00	380	0
346288	6/14/2023 3:41	6/14/2023 10:00	378	0
8950281	6/14/2023 3:41	6/14/2023 10:00	378	0
313731	6/14/2023 3:44	6/14/2023 10:00	375	0
572882	6/14/2023 3:46	6/14/2023 3:57	11	0
587455	6/14/2023 3:46	6/14/2023 10:00	373	0
1350597	6/14/2023 3:53	6/14/2023 10:00	366	0
2032900	6/14/2023 3:56	6/14/2023 10:00	363	0
810130	6/14/2023 3:56	6/14/2023 10:00	363	0
563721	6/14/2023 3:56	6/14/2023 10:00	363	0
572882	6/14/2023 3:57	6/14/2023 4:06	9	0
1671958	6/14/2023 3:57	6/14/2023 10:00	362	0
564518	6/14/2023 4:04	6/14/2023 10:00	355	0
791510	6/14/2023 4:06	6/14/2023 10:00	353	0
572882	6/14/2023 4:06	6/14/2023 10:00	353	0
8068454	6/14/2023 4:09	6/14/2023 10:00	350	0
496500	6/14/2023 4:14	6/14/2023 10:00	345	0
1093833	6/14/2023 4:35	6/14/2023 4:45	10	0
1599629	6/14/2023 4:40	6/14/2023 10:00	319	0
1508563	6/14/2023 4:40	6/14/2023 10:00	319	0
1093833	6/14/2023 4:45	6/14/2023 5:23	38	0
345647	6/14/2023 5:03	6/14/2023 10:00	296	0
315604	6/14/2023 5:12	6/14/2023 10:00	287	0
1093833	6/14/2023 5:23	6/14/2023 10:00	276	0
1985687	6/14/2023 5:23	6/14/2023 10:00	276	0
316630	6/14/2023 5:23	6/14/2023 10:00	276	0
313731	6/14/2023 10:00	6/15/2023 10:00	1439	0.04
581074	6/14/2023 10:00	6/15/2023 10:00	1439	0
378229	6/14/2023 10:00	6/15/2023 10:00	1439	0.17
507365	6/14/2023 10:00	6/14/2023 12:43	163	0
315752	6/14/2023 10:00	6/15/2023 10:00	1439	0.71
345647	6/14/2023 10:00	6/15/2023 10:00	1439	0

656628	6/14/2023 10:00	6/14/2023 12:41	161	0
6503956	6/14/2023 10:00	6/15/2023 10:00	1439	0
1417279	6/14/2023 10:00	6/15/2023 0:34	874	0.14
791361	6/14/2023 10:00	6/15/2023 10:00	1439	0
8068454	6/14/2023 10:00	6/14/2023 23:27	807	0
1495134	6/14/2023 10:00	6/14/2023 11:30	90	0
316997	6/14/2023 10:00	6/14/2023 12:43	163	0.39
810130	6/14/2023 10:00	6/15/2023 10:00	1439	0
324290	6/14/2023 10:00	6/14/2023 11:51	111	0
1511251	6/14/2023 10:00	6/15/2023 10:00	1439	0
535717	6/14/2023 10:00	6/15/2023 10:00	1439	0
1349338	6/14/2023 10:00	6/15/2023 10:00	1439	0.02
572882	6/14/2023 10:00	6/14/2023 12:44	164	0
1624452	6/14/2023 10:00	6/15/2023 10:00	1439	0
313954	6/14/2023 10:00	6/15/2023 10:00	1439	1
315380	6/14/2023 10:00	6/15/2023 10:00	1439	0.63
1350597	6/14/2023 10:00	6/15/2023 10:00	1439	0
563721	6/14/2023 10:00	6/14/2023 12:43	163	0
315346	6/14/2023 10:00	6/15/2023 10:00	1439	0.72
1700586	6/14/2023 10:00	6/14/2023 12:41	161	0
2032900	6/14/2023 10:00	6/15/2023 10:00	1439	0
314564	6/14/2023 10:00	6/15/2023 10:00	1439	0
324045	6/14/2023 10:00	6/14/2023 11:00	60	0
859747	6/14/2023 10:00	6/15/2023 0:43	883	0
1301093	6/14/2023 10:00	6/14/2023 11:30	90	0
705447	6/14/2023 10:00	6/15/2023 10:00	1439	0
21820	6/14/2023 10:00	6/15/2023 10:00	1439	0.08
323657	6/14/2023 10:00	6/14/2023 13:26	206	0
264186	6/14/2023 10:00	6/15/2023 10:00	1439	0
46184	6/14/2023 10:00	6/15/2023 10:00	1439	0
325050	6/14/2023 10:00	6/14/2023 11:42	102	0
396857	6/14/2023 10:00	6/15/2023 10:00	1439	0
6761269	6/14/2023 10:00	6/14/2023 22:37	757	0
1985687	6/14/2023 10:00	6/15/2023 10:00	1439	0
323747	6/14/2023 10:00	6/14/2023 11:44	104	0
593397	6/14/2023 10:00	6/15/2023 10:00	1439	0.06
8564413	6/14/2023 10:00	6/15/2023 0:40	880	0
1514004	6/14/2023 10:00	6/15/2023 1:02	902	0.09
416557	6/14/2023 10:00	6/14/2023 12:44	164	0
8104722	6/14/2023 10:00	6/14/2023 11:34	94	0
315604	6/14/2023 10:00	6/15/2023 10:00	1439	0.11
8148103	6/14/2023 10:00	6/14/2023 11:46	106	0
1573666	6/14/2023 10:00	6/14/2023 23:39	819	0
564518	6/14/2023 10:00	6/15/2023 10:00	1439	0
316630	6/14/2023 10:00	6/15/2023 10:00	1439	0.43
8734029	6/14/2023 10:00	6/14/2023 12:15	135	0
1287595	6/14/2023 10:00	6/15/2023 10:00	1439	0

8668965	6/14/2023 10:00	6/14/2023 12:23	143	0.01
593366	6/14/2023 10:00	6/15/2023 10:00	1439	0.01
1508563	6/14/2023 10:00	6/15/2023 10:00	1439	0.01
1309098	6/14/2023 10:00	6/14/2023 20:33	633	0.3
587455	6/14/2023 10:00	6/14/2023 12:45	165	0
564357	6/14/2023 10:00	6/15/2023 10:00	1439	0
328570	6/14/2023 10:00	6/15/2023 10:00	1439	0
318815	6/14/2023 10:00	6/15/2023 10:00	1439	0.04
51483	6/14/2023 10:00	6/14/2023 23:42	822	0.6
1432509	6/14/2023 10:00	6/14/2023 12:08	128	0
637185	6/14/2023 10:00	6/15/2023 10:00	1439	0
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1349244	6/14/2023 10:00	6/15/2023 10:00	1439	0
1599629	6/14/2023 10:00	6/14/2023 11:41	101	0
346288	6/14/2023 10:00	6/15/2023 10:00	1439	0
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793638	6/14/2023 10:15	6/15/2023 10:00	1424	0.2
1417138	6/14/2023 10:39	6/14/2023 12:45	126	0
1093833	6/14/2023 10:40	6/15/2023 10:00	1399	0.15
1671958	6/14/2023 10:41	6/14/2023 12:45	124	0
6714863	6/14/2023 10:57	6/14/2023 22:55	718	0.11
324045	6/14/2023 11:00	6/14/2023 11:17	17	0
1600016	6/14/2023 11:10	6/14/2023 23:40	750	0
324045	6/14/2023 11:17	6/14/2023 12:41	84	0
1193174	6/14/2023 11:19	6/14/2023 23:21	722	0.27
7937779	6/14/2023 11:29	6/14/2023 20:27	538	0
1495134	6/14/2023 11:30	6/14/2023 11:44	14	0
7607485	6/14/2023 11:30	6/14/2023 23:29	719	0
1301093	6/14/2023 11:30	6/14/2023 11:45	15	0
1511264	6/14/2023 11:31	6/14/2023 23:31	720	0.35
581832	6/14/2023 11:31	6/14/2023 23:13	702	0
8104722	6/14/2023 11:34	6/14/2023 11:51	17	0
1599629	6/14/2023 11:41	6/14/2023 11:59	18	0
1251782	6/14/2023 11:41	6/14/2023 11:58	17	0
325050	6/14/2023 11:42	6/14/2023 11:55	13	0
1495134	6/14/2023 11:44	6/14/2023 12:44	60	0.06
323747	6/14/2023 11:44	6/14/2023 12:00	16	0
1301093	6/14/2023 11:45	6/14/2023 12:48	63	0
8621797	6/14/2023 11:45	6/14/2023 23:45	720	0
8148103	6/14/2023 11:46	6/14/2023 11:51	5	0
1510338	6/14/2023 11:47	6/14/2023 22:28	641	0
324290	6/14/2023 11:51	6/14/2023 12:01	10	0
8148103	6/14/2023 11:51	6/14/2023 12:43	52	0.14
8104722	6/14/2023 11:51	6/14/2023 12:44	53	0

8950281	6/14/2023 11:53	6/14/2023 12:00	7	0
325050	6/14/2023 11:55	6/14/2023 12:46	51	0
8387677	6/14/2023 11:58	6/14/2023 23:55	717	0.49
1251782	6/14/2023 11:58	6/14/2023 12:47	49	0
1599629	6/14/2023 11:59	6/14/2023 12:49	50	0
323747	6/14/2023 12:00	6/14/2023 12:45	45	0
8950281	6/14/2023 12:00	6/14/2023 12:44	44	0
324290	6/14/2023 12:01	6/14/2023 12:48	47	0
1432509	6/14/2023 12:08	6/14/2023 12:27	19	0
8734029	6/14/2023 12:15	6/14/2023 12:26	11	0
772378	6/14/2023 12:21	6/15/2023 0:22	721	0
8668965	6/14/2023 12:23	6/14/2023 12:33	10	0.07
8734029	6/14/2023 12:26	6/14/2023 12:45	19	0
1432509	6/14/2023 12:27	6/14/2023 12:47	20	0
8668965	6/14/2023 12:33	6/14/2023 12:45	12	0.09
1700586	6/14/2023 12:41	6/14/2023 20:19	458	0.22
656628	6/14/2023 12:41	6/15/2023 1:01	740	0.56
324045	6/14/2023 12:41	6/14/2023 23:00	619	0.03
563721	6/14/2023 12:43	6/15/2023 0:32	709	0.07
507365	6/14/2023 12:43	6/15/2023 1:08	745	0
1321605	6/14/2023 12:43	6/15/2023 0:46	723	0
457729	6/14/2023 12:43	6/15/2023 10:00	1276	0
316997	6/14/2023 12:43	6/14/2023 22:31	588	1.26
790670	6/14/2023 12:43	6/15/2023 1:07	744	0.11
8148103	6/14/2023 12:43	6/14/2023 23:28	645	1.18
1299402	6/14/2023 12:44	6/15/2023 0:31	707	0.18
8104722	6/14/2023 12:44	6/14/2023 20:15	451	0
1495134	6/14/2023 12:44	6/14/2023 20:29	465	0.34
791510	6/14/2023 12:44	6/14/2023 16:04	200	0.29
793690	6/14/2023 12:44	6/14/2023 22:19	575	0.18
416557	6/14/2023 12:44	6/14/2023 22:17	573	0
8950281	6/14/2023 12:44	6/14/2023 23:55	671	0
572882	6/14/2023 12:44	6/14/2023 21:42	538	1.04
1671958	6/14/2023 12:45	6/14/2023 22:34	589	0.48
8668965	6/14/2023 12:45	6/15/2023 0:23	698	0.54
1320619	6/14/2023 12:45	6/14/2023 14:40	115	0
587455	6/14/2023 12:45	6/14/2023 21:40	535	0
456099	6/14/2023 12:45	6/14/2023 21:25	520	0.13
496500	6/14/2023 12:45	6/14/2023 20:27	462	0
8734029	6/14/2023 12:45	6/14/2023 20:16	451	0
1417138	6/14/2023 12:45	6/14/2023 22:13	568	0
323747	6/14/2023 12:45	6/14/2023 23:46	661	0
325050	6/14/2023 12:46	6/14/2023 23:46	660	0
1251782	6/14/2023 12:47	6/14/2023 17:53	306	0
1432509	6/14/2023 12:47	6/15/2023 0:07	680	0
1301093	6/14/2023 12:48	6/14/2023 23:31	643	0.09
324290	6/14/2023 12:48	6/14/2023 23:52	664	0

1599629	6/14/2023 12:49	6/14/2023 22:23	574	0
1190820	6/14/2023 13:02	6/15/2023 0:28	686	0.27
323657	6/14/2023 13:26	6/14/2023 23:26	600	0.4
1393633	6/14/2023 14:38	6/15/2023 1:38	660	0
1320619	6/14/2023 14:40	6/14/2023 14:44	4	0
1320619	6/14/2023 14:44	6/14/2023 20:20	336	0
7533405	6/14/2023 15:19	6/14/2023 22:50	451	0
791510	6/14/2023 16:04	6/14/2023 16:15	11	0
872542	6/14/2023 16:14	6/15/2023 3:45	691	0
791510	6/14/2023 16:15	6/14/2023 20:24	249	0
1597937	6/14/2023 16:32	6/15/2023 4:05	693	0
1525793	6/14/2023 17:16	6/15/2023 0:02	406	0
1407947	6/14/2023 17:28	6/14/2023 22:58	330	0
1430553	6/14/2023 17:29	6/14/2023 23:20	351	0
1251782	6/14/2023 17:53	6/14/2023 17:54	1	0
1251782	6/14/2023 17:54	6/14/2023 20:33	159	0
1557303	6/14/2023 17:57	6/15/2023 0:01	364	0
243371	6/14/2023 18:01	6/15/2023 0:02	361	0
563241	6/14/2023 19:13	6/15/2023 0:58	345	0
8104722	6/14/2023 20:15	6/15/2023 10:00	824	0
8734029	6/14/2023 20:16	6/15/2023 10:00	823	0
1700586	6/14/2023 20:19	6/15/2023 10:00	820	0
1320619	6/14/2023 20:20	6/15/2023 10:00	819	0
791510	6/14/2023 20:24	6/14/2023 22:11	107	0
496500	6/14/2023 20:27	6/15/2023 10:00	812	0
7937779	6/14/2023 20:27	6/15/2023 10:00	812	0
1495134	6/14/2023 20:29	6/15/2023 10:00	810	0
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1251782	6/14/2023 20:33	6/15/2023 10:00	806	0
1309098	6/14/2023 20:33	6/15/2023 0:28	235	0
456099	6/14/2023 21:25	6/15/2023 10:00	754	0
587455	6/14/2023 21:40	6/15/2023 0:28	168	0
572882	6/14/2023 21:42	6/15/2023 0:28	166	0
791510	6/14/2023 22:11	6/15/2023 0:28	137	0
1417138	6/14/2023 22:13	6/15/2023 10:00	706	0
416557	6/14/2023 22:17	6/15/2023 10:00	702	0
793690	6/14/2023 22:19	6/15/2023 10:00	700	0
1599629	6/14/2023 22:23	6/15/2023 10:00	696	0
1510338	6/14/2023 22:28	6/15/2023 10:00	691	0
316997	6/14/2023 22:31	6/15/2023 0:28	117	0
1671958	6/14/2023 22:34	6/15/2023 0:28	114	0
6761269	6/14/2023 22:37	6/15/2023 0:28	111	0
7533405	6/14/2023 22:50	6/15/2023 10:00	669	0
6714863	6/14/2023 22:55	6/15/2023 0:28	93	0
1407947	6/14/2023 22:58	6/15/2023 0:28	90	0
324045	6/14/2023 23:00	6/15/2023 10:00	659	0
581832	6/14/2023 23:13	6/15/2023 0:28	75	0

1430553	6/14/2023 23:20	6/15/2023 0:28	68	0
1193174	6/14/2023 23:21	6/15/2023 0:28	67	0
323657	6/14/2023 23:26	6/15/2023 0:28	62	0
8068454	6/14/2023 23:27	6/15/2023 0:28	61	0
8148103	6/14/2023 23:28	6/15/2023 0:28	60	0
7607485	6/14/2023 23:29	6/15/2023 0:28	59	0
1301093	6/14/2023 23:31	6/15/2023 0:28	57	0
1511264	6/14/2023 23:31	6/15/2023 0:28	57	0
1573666	6/14/2023 23:39	6/15/2023 0:28	49	0
1600016	6/14/2023 23:40	6/15/2023 0:28	48	0
51483	6/14/2023 23:42	6/15/2023 0:28	46	0
8621797	6/14/2023 23:45	6/15/2023 0:28	43	0
325050	6/14/2023 23:46	6/15/2023 0:28	42	0
323747	6/14/2023 23:46	6/15/2023 0:28	42	0
324290	6/14/2023 23:52	6/15/2023 0:28	36	0
8950281	6/14/2023 23:55	6/15/2023 0:28	33	0
8387677	6/14/2023 23:55	6/15/2023 0:28	33	0
1557303	6/15/2023 0:01	6/15/2023 0:28	27	0
1525793	6/15/2023 0:02	6/15/2023 0:28	26	0
243371	6/15/2023 0:02	6/15/2023 0:28	26	0
1432509	6/15/2023 0:07	6/15/2023 0:28	21	0
772378	6/15/2023 0:22	6/15/2023 0:29	7	0
8668965	6/15/2023 0:23	6/15/2023 0:30	7	0
581832	6/15/2023 0:28	6/15/2023 4:13	225	0
1193174	6/15/2023 0:28	6/15/2023 4:01	213	0
1573666	6/15/2023 0:28	6/15/2023 3:59	211	0
324290	6/15/2023 0:28	6/15/2023 4:12	224	0
6714863	6/15/2023 0:28	6/15/2023 3:15	167	0
1190820	6/15/2023 0:28	6/15/2023 10:00	571	0
316997	6/15/2023 0:28	6/15/2023 3:51	203	0
325050	6/15/2023 0:28	6/15/2023 4:06	218	0
8621797	6/15/2023 0:28	6/15/2023 4:05	217	0
791510	6/15/2023 0:28	6/15/2023 3:51	203	0
1430553	6/15/2023 0:28	6/15/2023 4:00	212	0
1600016	6/15/2023 0:28	6/15/2023 4:00	212	0
8387677	6/15/2023 0:28	6/15/2023 3:55	207	0
8068454	6/15/2023 0:28	6/15/2023 4:07	219	0
7607485	6/15/2023 0:28	6/15/2023 4:09	221	0
8148103	6/15/2023 0:28	6/15/2023 4:08	220	0
323747	6/15/2023 0:28	6/15/2023 4:06	218	0
243371	6/15/2023 0:28	6/15/2023 2:28	120	0
1557303	6/15/2023 0:28	6/15/2023 4:01	213	0
8950281	6/15/2023 0:28	6/15/2023 3:55	207	0
51483	6/15/2023 0:28	6/15/2023 1:02	34	0
6761269	6/15/2023 0:28	6/15/2023 4:37	249	0
1511264	6/15/2023 0:28	6/15/2023 4:11	223	0
572882	6/15/2023 0:28	6/15/2023 3:42	194	0

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1407947	6/15/2023 0:28	6/15/2023 0:58	30	0
323657	6/15/2023 0:28	6/15/2023 5:26	298	0
587455	6/15/2023 0:28	6/15/2023 3:40	192	0
1309098	6/15/2023 0:28	6/15/2023 2:33	125	0
1525793	6/15/2023 0:28	6/15/2023 1:02	34	0
1671958	6/15/2023 0:28	6/15/2023 3:55	207	0
1301093	6/15/2023 0:28	6/15/2023 4:11	223	0
772378	6/15/2023 0:29	6/15/2023 4:02	213	0
8668965	6/15/2023 0:30	6/15/2023 4:03	213	0
1299402	6/15/2023 0:31	6/15/2023 0:50	19	0
563721	6/15/2023 0:32	6/15/2023 0:36	4	0
1417279	6/15/2023 0:34	6/15/2023 0:39	5	0
563721	6/15/2023 0:36	6/15/2023 3:52	196	0
1417279	6/15/2023 0:39	6/15/2023 3:55	196	0
8564413	6/15/2023 0:40	6/15/2023 0:51	11	0
859747	6/15/2023 0:43	6/15/2023 0:52	9	0
1321605	6/15/2023 0:46	6/15/2023 0:53	7	0
1299402	6/15/2023 0:50	6/15/2023 3:51	181	0
8564413	6/15/2023 0:51	6/15/2023 3:54	183	0
859747	6/15/2023 0:52	6/15/2023 4:03	191	0
1321605	6/15/2023 0:53	6/15/2023 4:06	193	0
1407947	6/15/2023 0:58	6/15/2023 10:00	541	0
563241	6/15/2023 0:58	6/15/2023 1:15	17	0
656628	6/15/2023 1:01	6/15/2023 1:06	5	0
1525793	6/15/2023 1:02	6/15/2023 10:00	537	0
51483	6/15/2023 1:02	6/15/2023 10:00	537	0
1514004	6/15/2023 1:02	6/15/2023 1:08	6	0
656628	6/15/2023 1:06	6/15/2023 4:21	195	0
790670	6/15/2023 1:07	6/15/2023 1:18	11	0
507365	6/15/2023 1:08	6/15/2023 1:14	6	0
1514004	6/15/2023 1:08	6/15/2023 4:02	174	0
507365	6/15/2023 1:14	6/15/2023 1:28	14	0
563241	6/15/2023 1:15	6/15/2023 3:58	163	0
790670	6/15/2023 1:18	6/15/2023 2:07	49	0
507365	6/15/2023 1:28	6/15/2023 10:00	511	0
1393633	6/15/2023 1:38	6/15/2023 10:00	501	0
790670	6/15/2023 2:07	6/15/2023 10:00	472	0
243371	6/15/2023 2:28	6/15/2023 10:00	451	0
1309098	6/15/2023 2:33	6/15/2023 2:44	11	0
1309098	6/15/2023 2:44	6/15/2023 3:33	49	0
1432509	6/15/2023 3:07	6/15/2023 10:00	412	0
6714863	6/15/2023 3:15	6/15/2023 10:00	404	0
1309098	6/15/2023 3:33	6/15/2023 10:00	386	0
587455	6/15/2023 3:40	6/15/2023 10:00	379	0
572882	6/15/2023 3:42	6/15/2023 3:57	15	0
872542	6/15/2023 3:45	6/15/2023 10:00	374	0

316997	6/15/2023 3:51	6/15/2023 10:00	368	0
1299402	6/15/2023 3:51	6/15/2023 10:00	368	0
791510	6/15/2023 3:51	6/15/2023 10:00	368	0
563721	6/15/2023 3:52	6/15/2023 10:00	367	0
8564413	6/15/2023 3:54	6/15/2023 10:00	365	0
8387677	6/15/2023 3:55	6/15/2023 10:00	364	0
1417279	6/15/2023 3:55	6/15/2023 10:00	364	0
1671958	6/15/2023 3:55	6/15/2023 10:00	364	0
8950281	6/15/2023 3:55	6/15/2023 10:00	364	0
572882	6/15/2023 3:57	6/15/2023 4:02	5	0
563241	6/15/2023 3:58	6/15/2023 10:00	361	0
1557188	6/15/2023 3:59	6/15/2023 10:00	360	0
1573666	6/15/2023 3:59	6/15/2023 10:00	360	0
1600016	6/15/2023 4:00	6/15/2023 10:00	359	0
1430553	6/15/2023 4:00	6/15/2023 10:00	359	0
1557303	6/15/2023 4:01	6/15/2023 10:00	358	0
1193174	6/15/2023 4:01	6/15/2023 10:00	358	0
772378	6/15/2023 4:02	6/15/2023 10:00	357	0
1514004	6/15/2023 4:02	6/15/2023 10:00	357	0
572882	6/15/2023 4:02	6/15/2023 10:00	357	0
859747	6/15/2023 4:03	6/15/2023 10:00	356	0
8668965	6/15/2023 4:03	6/15/2023 10:00	356	0
8621797	6/15/2023 4:05	6/15/2023 10:00	354	0
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7607485	6/15/2023 4:09	6/15/2023 10:00	350	0
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323657	6/15/2023 5:46	6/15/2023 10:00	253	0
6761269	6/15/2023 5:57	6/15/2023 10:00	242	0
1600016	6/15/2023 10:00	6/16/2023 10:00	1439	0
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8950281	6/15/2023 10:00	6/16/2023 10:00	1439	0
6761269	6/15/2023 10:00	6/15/2023 13:34	214	0
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264186	6/15/2023 10:00	6/16/2023 10:00	1439	0
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1321605	6/15/2023 10:00	6/16/2023 10:00	1439	0.38
772378	6/15/2023 10:00	6/15/2023 11:42	102	0
1309098	6/15/2023 10:00	6/15/2023 14:32	272	0.62
705447	6/15/2023 10:00	6/16/2023 10:00	1439	0
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323747	6/15/2023 10:00	6/16/2023 10:00	1439	0
416557	6/15/2023 10:00	6/15/2023 11:02	62	0
1393633	6/15/2023 10:00	6/15/2023 14:34	274	0
1432509	6/15/2023 10:00	6/15/2023 12:18	138	0
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587455	6/15/2023 10:00	6/16/2023 10:00	1439	0
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8734029	6/15/2023 10:00	6/16/2023 10:00	1439	0
8148103	6/15/2023 10:00	6/15/2023 11:48	108	0
1190820	6/15/2023 10:00	6/15/2023 12:02	122	0
8104722	6/15/2023 10:00	6/16/2023 10:00	1439	0
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46184	6/15/2023 10:00	6/16/2023 10:00	1439	0
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7607485	6/15/2023 10:00	6/15/2023 23:34	814	0
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637185	6/15/2023 10:00	6/16/2023 10:00	1439	0
790670	6/15/2023 10:00	6/15/2023 13:28	208	0.28
1671958	6/15/2023 10:00	6/15/2023 11:33	93	0
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1417138	6/15/2023 10:00	6/15/2023 22:43	763	0
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324290	6/15/2023 10:00	6/16/2023 10:00	1439	0
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1597937	6/15/2023 10:40	6/16/2023 10:00	1399	0
299676	6/15/2023 10:47	6/15/2023 11:37	50	0
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793690	6/15/2023 11:13	6/15/2023 11:25	12	0.04
791510	6/15/2023 11:21	6/15/2023 22:19	658	0.18
563721	6/15/2023 11:22	6/15/2023 23:21	719	0
793690	6/15/2023 11:25	6/15/2023 13:33	128	0.4
324045	6/15/2023 11:25	6/15/2023 11:26	1	0
324045	6/15/2023 11:26	6/15/2023 14:45	199	0
323657	6/15/2023 11:29	6/15/2023 11:42	13	0
8668965	6/15/2023 11:30	6/16/2023 0:28	778	0
1671958	6/15/2023 11:33	6/15/2023 22:36	663	0
1700586	6/15/2023 11:33	6/16/2023 0:52	799	0.1
378229	6/15/2023 11:33	6/15/2023 23:33	720	0
299676	6/15/2023 11:37	6/15/2023 11:39	2	0
1301093	6/15/2023 11:37	6/15/2023 11:52	15	0.04
299676	6/15/2023 11:39	6/15/2023 17:17	338	0
1395587	6/15/2023 11:41	6/16/2023 0:28	767	0
772378	6/15/2023 11:42	6/15/2023 20:59	557	0
323657	6/15/2023 11:42	6/15/2023 13:29	107	0
1495134	6/15/2023 11:44	6/15/2023 11:50	6	0
7937779	6/15/2023 11:44	6/15/2023 23:42	718	0
321287	6/15/2023 11:47	6/16/2023 1:07	800	0.14
572882	6/15/2023 11:47	6/15/2023 21:51	604	0
8148103	6/15/2023 11:48	6/15/2023 23:38	710	0.6
381338	6/15/2023 11:48	6/16/2023 0:24	756	0
346288	6/15/2023 11:49	6/16/2023 0:08	739	0
1495134	6/15/2023 11:50	6/15/2023 17:04	314	0.83
1301093	6/15/2023 11:52	6/15/2023 11:57	5	0
656628	6/15/2023 11:53	6/16/2023 0:28	755	0.26

1301093	6/15/2023 11:57	6/15/2023 23:39	702	0.81
1190820	6/15/2023 12:02	6/15/2023 20:22	500	0.18
315088	6/15/2023 12:06	6/15/2023 21:06	540	0
266906	6/15/2023 12:07	6/16/2023 0:20	733	0
1432509	6/15/2023 12:18	6/15/2023 12:37	19	0
1432509	6/15/2023 12:37	6/15/2023 13:20	43	0
507365	6/15/2023 13:20	6/15/2023 13:36	16	0
1432509	6/15/2023 13:20	6/16/2023 0:35	675	0
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790670	6/15/2023 13:28	6/15/2023 13:40	12	0
323657	6/15/2023 13:29	6/15/2023 21:08	459	0.06
793690	6/15/2023 13:33	6/15/2023 21:17	464	0.3
6761269	6/15/2023 13:34	6/15/2023 21:13	459	0
507365	6/15/2023 13:36	6/15/2023 15:31	115	0
416557	6/15/2023 13:38	6/15/2023 21:22	464	0
1599629	6/15/2023 13:38	6/16/2023 0:00	622	0.02
790670	6/15/2023 13:40	6/15/2023 15:10	90	0
1309098	6/15/2023 14:32	6/15/2023 14:44	12	0
1393633	6/15/2023 14:34	6/15/2023 14:49	15	0
1309098	6/15/2023 14:44	6/15/2023 16:52	128	0.17
324045	6/15/2023 14:45	6/15/2023 22:23	458	0
583848	6/15/2023 14:49	6/16/2023 4:40	831	0
1393633	6/15/2023 14:49	6/15/2023 16:54	125	0
790670	6/15/2023 15:10	6/16/2023 0:51	581	0
7533405	6/15/2023 15:12	6/15/2023 22:44	452	0
808829	6/15/2023 15:14	6/16/2023 1:56	642	0
801004	6/15/2023 15:22	6/16/2023 0:28	546	0
507365	6/15/2023 15:31	6/16/2023 0:28	537	0
810130	6/15/2023 16:00	6/16/2023 1:01	541	0
316997	6/15/2023 16:29	6/15/2023 22:48	379	0
1309098	6/15/2023 16:52	6/16/2023 0:36	464	0
1393633	6/15/2023 16:54	6/16/2023 0:33	459	0
1495134	6/15/2023 17:04	6/15/2023 23:44	400	0
299676	6/15/2023 17:17	6/15/2023 17:37	20	0
496500	6/15/2023 17:26	6/15/2023 22:34	308	0
299676	6/15/2023 17:37	6/15/2023 18:17	40	0
7879030	6/15/2023 17:38	6/15/2023 23:38	360	0
345647	6/15/2023 17:45	6/15/2023 23:45	360	0
299676	6/15/2023 18:17	6/15/2023 23:37	320	0
1518241	6/15/2023 19:11	6/16/2023 1:43	392	0
1190820	6/15/2023 20:22	6/16/2023 0:28	246	0
793638	6/15/2023 20:51	6/16/2023 10:00	788	0
772378	6/15/2023 20:59	6/16/2023 10:00	780	0
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323657	6/15/2023 21:08	6/16/2023 10:00	771	0
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6761269	6/15/2023 21:13	6/16/2023 10:00	766	0

793690	6/15/2023 21:17	6/16/2023 10:00	762	0
416557	6/15/2023 21:22	6/16/2023 10:00	757	0
572882	6/15/2023 21:51	6/16/2023 0:28	157	0
6714863	6/15/2023 22:09	6/16/2023 10:00	710	0
791510	6/15/2023 22:19	6/16/2023 10:00	700	0
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1671958	6/15/2023 22:36	6/16/2023 0:28	112	0
1417138	6/15/2023 22:43	6/16/2023 0:28	105	0
7533405	6/15/2023 22:44	6/16/2023 10:00	675	0
316997	6/15/2023 22:48	6/16/2023 0:28	100	0
1349338	6/15/2023 22:57	6/16/2023 10:00	662	0
563721	6/15/2023 23:21	6/16/2023 10:00	638	0
378229	6/15/2023 23:33	6/16/2023 0:28	55	0
7607485	6/15/2023 23:34	6/16/2023 0:28	54	0
299676	6/15/2023 23:37	6/16/2023 0:28	51	0
7879030	6/15/2023 23:38	6/16/2023 0:28	50	0
8148103	6/15/2023 23:38	6/16/2023 0:28	50	0
1301093	6/15/2023 23:39	6/16/2023 0:28	49	0
7937779	6/15/2023 23:42	6/16/2023 10:00	617	0
1495134	6/15/2023 23:44	6/16/2023 0:28	44	0
345647	6/15/2023 23:45	6/16/2023 0:28	43	0
1599629	6/16/2023 0:00	6/16/2023 0:28	28	0
8387677	6/16/2023 0:03	6/16/2023 0:28	25	0
346288	6/16/2023 0:08	6/16/2023 0:28	20	0
266906	6/16/2023 0:20	6/16/2023 0:28	8	0
381338	6/16/2023 0:24	6/16/2023 0:39	15	0
1301093	6/16/2023 0:28	6/16/2023 3:59	211	0
656628	6/16/2023 0:28	6/16/2023 10:00	571	0
316997	6/16/2023 0:28	6/16/2023 0:49	21	0
1599629	6/16/2023 0:28	6/16/2023 5:00	272	0
1395587	6/16/2023 0:28	6/16/2023 10:00	571	0
8668965	6/16/2023 0:28	6/16/2023 0:45	17	0
1190820	6/16/2023 0:28	6/16/2023 2:22	114	0
507365	6/16/2023 0:28	6/16/2023 10:00	571	0
345647	6/16/2023 0:28	6/16/2023 0:46	18	0
346288	6/16/2023 0:28	6/16/2023 1:29	61	0
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378229	6/16/2023 0:28	6/16/2023 4:33	245	0
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8387677	6/16/2023 0:28	6/16/2023 1:34	66	0
7607485	6/16/2023 0:28	6/16/2023 4:14	226	0

8148103	6/16/2023 0:28	6/16/2023 0:46	18	0
299676	6/16/2023 0:28	6/16/2023 1:57	89	0
7879030	6/16/2023 0:28	6/16/2023 2:58	150	0
1495134	6/16/2023 0:28	6/16/2023 0:44	16	0
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1432509	6/16/2023 0:35	6/16/2023 0:37	2	0
1309098	6/16/2023 0:36	6/16/2023 10:00	563	0
1432509	6/16/2023 0:37	6/16/2023 1:55	78	0
381338	6/16/2023 0:39	6/16/2023 2:44	125	0
1495134	6/16/2023 0:44	6/16/2023 10:00	555	0
8668965	6/16/2023 0:45	6/16/2023 2:48	123	0
8148103	6/16/2023 0:46	6/16/2023 10:00	553	0
345647	6/16/2023 0:46	6/16/2023 10:00	553	0
316997	6/16/2023 0:49	6/16/2023 10:00	550	0
790670	6/16/2023 0:51	6/16/2023 10:00	548	0
1700586	6/16/2023 0:52	6/16/2023 1:00	8	0
1700586	6/16/2023 1:00	6/16/2023 2:52	112	0
810130	6/16/2023 1:01	6/16/2023 10:00	538	0
321287	6/16/2023 1:07	6/16/2023 10:00	532	0
346288	6/16/2023 1:29	6/16/2023 10:00	510	0
8387677	6/16/2023 1:34	6/16/2023 10:00	505	0
791361	6/16/2023 1:36	6/16/2023 1:52	16	0
1518241	6/16/2023 1:43	6/16/2023 1:44	1	0
1518241	6/16/2023 1:44	6/16/2023 6:23	279	0
266906	6/16/2023 1:50	6/16/2023 10:00	489	0
791361	6/16/2023 1:52	6/16/2023 3:36	104	0
1432509	6/16/2023 1:55	6/16/2023 10:00	484	0
808829	6/16/2023 1:56	6/16/2023 10:00	483	0
299676	6/16/2023 1:57	6/16/2023 10:00	482	0
1190820	6/16/2023 2:22	6/16/2023 2:38	16	0
1320619	6/16/2023 2:30	6/16/2023 2:46	16	0
1190820	6/16/2023 2:38	6/16/2023 3:22	44	0
381338	6/16/2023 2:44	6/16/2023 10:00	435	0
1320619	6/16/2023 2:46	6/16/2023 2:50	4	0
8668965	6/16/2023 2:48	6/16/2023 10:00	431	0
1320619	6/16/2023 2:50	6/16/2023 10:00	429	0
1700586	6/16/2023 2:52	6/16/2023 10:00	427	0
1671958	6/16/2023 2:56	6/16/2023 10:00	423	0
7879030	6/16/2023 2:58	6/16/2023 10:00	421	0
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1190820	6/16/2023 3:22	6/16/2023 10:00	397	0
496500	6/16/2023 3:34	6/16/2023 10:00	385	0
791361	6/16/2023 3:36	6/16/2023 10:00	383	0
1301093	6/16/2023 3:59	6/16/2023 10:00	360	0
7607485	6/16/2023 4:14	6/16/2023 10:00	345	0
378229	6/16/2023 4:33	6/16/2023 10:00	326	0
583848	6/16/2023 4:40	6/16/2023 10:00	319	0

1417138	6/16/2023 4:43	6/16/2023 10:00	316	0
1599629	6/16/2023 5:00	6/16/2023 10:00	299	0
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791361	6/16/2023 10:00	6/17/2023 10:00	1439	0
8387677	6/16/2023 10:00	6/16/2023 15:00	300	0.44
637185	6/16/2023 10:00	6/17/2023 10:00	1439	0
1495134	6/16/2023 10:00	6/16/2023 11:51	111	0
1417138	6/16/2023 10:00	6/16/2023 15:07	307	0
535717	6/16/2023 10:00	6/17/2023 10:00	1439	0
572882	6/16/2023 10:00	6/16/2023 11:32	92	0
1671958	6/16/2023 10:00	6/17/2023 10:00	1439	0
563721	6/16/2023 10:00	6/16/2023 12:41	161	0
496500	6/16/2023 10:00	6/16/2023 12:15	135	0
1518241	6/16/2023 10:00	6/17/2023 10:00	1439	0
656628	6/16/2023 10:00	6/16/2023 13:10	190	0
507365	6/16/2023 10:00	6/17/2023 1:41	941	0
564357	6/16/2023 10:00	6/17/2023 10:00	1439	0
801004	6/16/2023 10:00	6/17/2023 10:00	1439	0
1432509	6/16/2023 10:00	6/16/2023 12:39	159	0
321287	6/16/2023 10:00	6/17/2023 10:00	1439	0.19
1309098	6/16/2023 10:00	6/16/2023 15:05	305	0.52
378229	6/16/2023 10:00	6/16/2023 15:12	312	0
416557	6/16/2023 10:00	6/16/2023 11:10	70	0
772378	6/16/2023 10:00	6/16/2023 12:39	159	0
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46184	6/16/2023 10:00	6/17/2023 10:00	1439	0
790670	6/16/2023 10:00	6/16/2023 13:27	207	0
6714863	6/16/2023 10:00	6/16/2023 11:02	62	0
8668965	6/16/2023 10:00	6/17/2023 10:00	1439	0
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1320619	6/16/2023 10:00	6/17/2023 10:00	1439	0
7879030	6/16/2023 10:00	6/16/2023 23:47	827	0
1190820	6/16/2023 10:00	6/16/2023 14:22	262	0
1395587	6/16/2023 10:00	6/17/2023 10:00	1439	0
323657	6/16/2023 10:00	6/16/2023 23:26	806	0
1301093	6/16/2023 10:00	6/16/2023 11:39	99	0
705447	6/16/2023 10:00	6/17/2023 10:00	1439	0
583848	6/16/2023 10:00	6/17/2023 10:00	1439	0
324045	6/16/2023 10:00	6/16/2023 11:27	87	0
1599629	6/16/2023 10:00	6/17/2023 10:00	1439	0
8734029	6/16/2023 10:00	6/16/2023 12:29	149	0
299676	6/16/2023 10:00	6/16/2023 11:28	88	0
1393633	6/16/2023 10:00	6/16/2023 14:32	272	0
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7937779	6/16/2023 10:00	6/17/2023 10:00	1439	0
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6714863	6/16/2023 11:02	6/16/2023 11:15	13	0
266906	6/16/2023 11:09	6/16/2023 22:48	699	0
416557	6/16/2023 11:10	6/16/2023 15:11	241	0
6714863	6/16/2023 11:15	6/16/2023 15:02	227	0
315346	6/16/2023 11:26	6/16/2023 21:23	597	0
324045	6/16/2023 11:27	6/16/2023 23:23	716	0
299676	6/16/2023 11:28	6/16/2023 11:43	15	0
315088	6/16/2023 11:32	6/16/2023 20:47	555	0
572882	6/16/2023 11:32	6/16/2023 21:49	617	0
1301093	6/16/2023 11:39	6/16/2023 11:57	18	0
299676	6/16/2023 11:43	6/16/2023 15:08	205	0
1495134	6/16/2023 11:51	6/16/2023 11:55	4	0
8068454	6/16/2023 11:52	6/16/2023 22:51	659	0
1511264	6/16/2023 11:53	6/16/2023 22:51	658	0.29
1251782	6/16/2023 11:54	6/16/2023 22:54	660	0
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617514	6/16/2023 11:56	6/16/2023 21:34	578	0
1301093	6/16/2023 11:57	6/16/2023 13:52	115	0
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1586005	6/16/2023 12:06	6/16/2023 22:50	644	0
1573666	6/16/2023 12:07	6/16/2023 22:45	638	0
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8734029	6/16/2023 12:29	6/16/2023 12:42	13	0
1495134	6/16/2023 12:30	6/16/2023 20:42	492	0.18
319726	6/16/2023 12:37	6/17/2023 0:28	711	0
1432509	6/16/2023 12:39	6/16/2023 12:43	4	0
772378	6/16/2023 12:39	6/16/2023 12:49	10	0
563721	6/16/2023 12:41	6/16/2023 12:57	16	0
8734029	6/16/2023 12:42	6/16/2023 16:29	227	0
1432509	6/16/2023 12:43	6/16/2023 15:00	137	0
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1299402	6/16/2023 12:54	6/17/2023 0:28	694	0.27
563721	6/16/2023 12:57	6/16/2023 15:01	124	0
1700586	6/16/2023 13:05	6/16/2023 15:12	127	0.26
656628	6/16/2023 13:10	6/16/2023 13:29	19	0
790670	6/16/2023 13:27	6/16/2023 13:42	15	0
656628	6/16/2023 13:29	6/16/2023 15:10	101	0.04
790670	6/16/2023 13:42	6/16/2023 15:07	85	0
1301093	6/16/2023 13:52	6/16/2023 23:40	588	0.42
793638	6/16/2023 14:07	6/16/2023 22:10	483	0.12
1190820	6/16/2023 14:22	6/16/2023 14:38	16	0

1332906	6/16/2023 14:31	6/17/2023 0:28	597	0
1393633	6/16/2023 14:32	6/16/2023 14:50	18	0
1190820	6/16/2023 14:38	6/16/2023 15:02	24	0
415949	6/16/2023 14:43	6/17/2023 10:00	1156	0
1393633	6/16/2023 14:50	6/16/2023 15:12	22	0
859747	6/16/2023 14:57	6/17/2023 0:30	573	0
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265473	6/16/2023 15:02	6/16/2023 21:07	365	0
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1348780	6/16/2023 15:06	6/17/2023 0:28	562	0
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1417138	6/16/2023 15:07	6/16/2023 22:45	458	0
299676	6/16/2023 15:08	6/16/2023 23:40	512	0
1348773	6/16/2023 15:09	6/17/2023 0:28	559	0
8950281	6/16/2023 15:09	6/16/2023 22:45	456	0
656628	6/16/2023 15:10	6/17/2023 0:28	558	0
416557	6/16/2023 15:11	6/16/2023 22:49	458	0
1557188	6/16/2023 15:11	6/16/2023 22:26	435	0
1511532	6/16/2023 15:11	6/16/2023 22:42	451	0
1557303	6/16/2023 15:12	6/16/2023 22:47	455	0
1393633	6/16/2023 15:12	6/17/2023 0:28	556	0
378229	6/16/2023 15:12	6/16/2023 22:42	450	0
1700586	6/16/2023 15:12	6/17/2023 0:28	556	0
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1600016	6/16/2023 15:14	6/16/2023 22:58	464	0
587455	6/16/2023 15:15	6/16/2023 21:55	400	0
1702895	6/16/2023 15:16	6/17/2023 0:28	552	0
7533405	6/16/2023 15:25	6/16/2023 22:46	441	0
1985687	6/16/2023 16:10	6/16/2023 23:38	448	0
8734029	6/16/2023 16:29	6/16/2023 23:21	412	0
6761269	6/16/2023 17:00	6/16/2023 22:53	353	0
6714863	6/16/2023 17:07	6/16/2023 17:22	15	0
1394543	6/16/2023 17:07	6/17/2023 0:41	454	0
860281	6/16/2023 17:13	6/16/2023 23:11	358	0
6714863	6/16/2023 17:22	6/16/2023 22:42	320	0
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793690	6/16/2023 17:35	6/17/2023 10:00	984	0
8148103	6/16/2023 18:00	6/16/2023 21:35	215	0

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1350499	6/16/2023 20:41	6/17/2023 0:28	227	0
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1309098	6/16/2023 20:44	6/17/2023 10:00	795	0
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265473	6/16/2023 21:07	6/17/2023 10:00	772	0
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315346	6/16/2023 21:23	6/17/2023 10:00	756	0
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8148103	6/16/2023 21:35	6/16/2023 21:40	5	0
8148103	6/16/2023 21:40	6/16/2023 23:54	134	0
572882	6/16/2023 21:49	6/17/2023 0:28	159	0
496500	6/16/2023 21:55	6/17/2023 10:00	724	0
587455	6/16/2023 21:55	6/17/2023 10:00	724	0
793638	6/16/2023 22:10	6/17/2023 0:28	138	0
1557188	6/16/2023 22:26	6/17/2023 10:00	693	0
8387677	6/16/2023 22:38	6/17/2023 10:00	681	0
1193174	6/16/2023 22:40	6/17/2023 10:00	679	0
378229	6/16/2023 22:42	6/17/2023 10:00	677	0
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6714863	6/16/2023 22:42	6/17/2023 10:00	677	0
772378	6/16/2023 22:44	6/17/2023 10:00	675	0
1432509	6/16/2023 22:44	6/17/2023 10:00	675	0
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51483	6/16/2023 22:45	6/17/2023 10:00	674	0
8950281	6/16/2023 22:45	6/17/2023 10:00	674	0
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7533405	6/16/2023 22:46	6/17/2023 10:00	673	0
1557303	6/16/2023 22:47	6/17/2023 10:00	672	0
535771	6/16/2023 22:47	6/17/2023 0:28	101	0
266906	6/16/2023 22:48	6/17/2023 10:00	671	0
416557	6/16/2023 22:49	6/17/2023 10:00	670	0
1586005	6/16/2023 22:50	6/17/2023 10:00	669	0
8068454	6/16/2023 22:51	6/17/2023 10:00	668	0
1511264	6/16/2023 22:51	6/17/2023 10:00	668	0
6761269	6/16/2023 22:53	6/17/2023 0:28	95	0
1251782	6/16/2023 22:54	6/17/2023 10:00	665	0
309944	6/16/2023 22:55	6/17/2023 10:00	664	0

1600016	6/16/2023 22:58	6/17/2023 10:00	661	0
860281	6/16/2023 23:11	6/17/2023 10:00	648	0
8734029	6/16/2023 23:21	6/17/2023 10:00	638	0
324045	6/16/2023 23:23	6/17/2023 0:28	65	0
323657	6/16/2023 23:26	6/17/2023 0:28	62	0
1985687	6/16/2023 23:38	6/17/2023 10:00	621	0
1301093	6/16/2023 23:40	6/17/2023 0:28	48	0
299676	6/16/2023 23:40	6/17/2023 0:28	48	0
7879030	6/16/2023 23:47	6/17/2023 10:00	612	0
8148103	6/16/2023 23:54	6/17/2023 0:28	34	0
1619720	6/17/2023 0:21	6/17/2023 0:30	9	0
1511251	6/17/2023 0:24	6/17/2023 0:42	18	0
1348773	6/17/2023 0:28	6/17/2023 10:00	571	0
1350499	6/17/2023 0:28	6/17/2023 10:00	571	0
581074	6/17/2023 0:28	6/17/2023 10:00	571	0
1332906	6/17/2023 0:28	6/17/2023 10:00	571	0
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1700586	6/17/2023 0:28	6/17/2023 10:00	571	0
6761269	6/17/2023 0:28	6/17/2023 4:53	265	0
1702895	6/17/2023 0:28	6/17/2023 10:00	571	0
535771	6/17/2023 0:28	6/17/2023 4:47	259	0
1301093	6/17/2023 0:28	6/17/2023 1:21	53	0
1393633	6/17/2023 0:28	6/17/2023 10:00	571	0
1348300	6/17/2023 0:28	6/17/2023 10:00	571	0
656628	6/17/2023 0:28	6/17/2023 10:00	571	0
1299402	6/17/2023 0:28	6/17/2023 10:00	571	0
1350598	6/17/2023 0:28	6/17/2023 10:00	571	0
563721	6/17/2023 0:28	6/17/2023 10:00	571	0
323657	6/17/2023 0:28	6/17/2023 3:46	198	0
1514004	6/17/2023 0:28	6/17/2023 10:00	571	0
790670	6/17/2023 0:28	6/17/2023 10:00	571	0
8148103	6/17/2023 0:28	6/17/2023 5:14	286	0
793638	6/17/2023 0:28	6/17/2023 1:10	42	0
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324045	6/17/2023 0:28	6/17/2023 2:43	135	0
299676	6/17/2023 0:28	6/17/2023 5:00	272	0
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1349244	6/17/2023 0:28	6/17/2023 10:00	571	0
1619720	6/17/2023 0:30	6/17/2023 1:00	30	0
859747	6/17/2023 0:30	6/17/2023 10:00	569	0
346288	6/17/2023 0:33	6/17/2023 0:34	1	0
346288	6/17/2023 0:34	6/17/2023 4:53	259	0
1394543	6/17/2023 0:41	6/17/2023 10:00	558	0
1511251	6/17/2023 0:42	6/17/2023 2:04	82	0
1508563	6/17/2023 0:43	6/17/2023 0:44	1	0
1508563	6/17/2023 0:44	6/17/2023 1:31	47	0
381338	6/17/2023 0:44	6/17/2023 0:49	5	0

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1619720	6/17/2023 1:00	6/17/2023 10:00	539	0
793638	6/17/2023 1:10	6/17/2023 10:00	529	0
1301093	6/17/2023 1:21	6/17/2023 10:00	518	0
1508563	6/17/2023 1:31	6/17/2023 10:00	508	0
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507365	6/17/2023 2:15	6/17/2023 10:00	464	0
324045	6/17/2023 2:43	6/17/2023 10:00	436	0
572882	6/17/2023 2:49	6/17/2023 10:00	430	0
381338	6/17/2023 3:42	6/17/2023 10:00	377	0
323657	6/17/2023 3:46	6/17/2023 10:00	373	0
535771	6/17/2023 4:47	6/17/2023 4:55	8	0
6761269	6/17/2023 4:53	6/17/2023 10:00	306	0
346288	6/17/2023 4:53	6/17/2023 10:00	306	0
535771	6/17/2023 4:55	6/17/2023 5:07	12	0
299676	6/17/2023 5:00	6/17/2023 10:00	299	0
535771	6/17/2023 5:07	6/17/2023 10:00	292	0
8148103	6/17/2023 5:14	6/17/2023 10:00	285	0
1349244	6/17/2023 10:00	6/18/2023 10:00	1439	0
507365	6/17/2023 10:00	6/17/2023 13:53	233	0
416557	6/17/2023 10:00	6/17/2023 11:10	70	0
51483	6/17/2023 10:00	6/18/2023 3:21	1041	0
790670	6/17/2023 10:00	6/17/2023 13:42	222	0.19
1190820	6/17/2023 10:00	6/17/2023 13:52	232	0.71
860281	6/17/2023 10:00	6/18/2023 10:00	1439	0
8104722	6/17/2023 10:00	6/18/2023 10:00	1439	0
496500	6/17/2023 10:00	6/17/2023 14:04	244	0
1557303	6/17/2023 10:00	6/18/2023 5:21	1161	0
1985687	6/17/2023 10:00	6/18/2023 10:00	1439	0
1702895	6/17/2023 10:00	6/18/2023 10:00	1439	0
1417138	6/17/2023 10:00	6/18/2023 10:00	1439	0
381338	6/17/2023 10:00	6/18/2023 10:00	1439	0
315088	6/17/2023 10:00	6/18/2023 10:00	1439	0
1514004	6/17/2023 10:00	6/18/2023 10:00	1439	0.09
8068454	6/17/2023 10:00	6/17/2023 12:07	127	0
1700586	6/17/2023 10:00	6/17/2023 13:21	201	0.1
323657	6/17/2023 10:00	6/18/2023 10:00	1439	0
1525793	6/17/2023 10:00	6/18/2023 5:13	1153	0
6714863	6/17/2023 10:00	6/18/2023 0:28	868	1.22
266906	6/17/2023 10:00	6/17/2023 12:39	159	0.39
415949	6/17/2023 10:00	6/18/2023 4:59	1139	0
1350499	6/17/2023 10:00	6/18/2023 10:00	1439	0.02
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859747	6/17/2023 10:00	6/18/2023 10:00	1439	0
265473	6/17/2023 10:00	6/17/2023 14:12	252	0

1251782	6/17/2023 10:00	6/17/2023 12:09	129	0
324045	6/17/2023 10:00	6/17/2023 11:22	82	0
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1586005	6/17/2023 10:00	6/17/2023 12:15	135	0
705447	6/17/2023 10:00	6/18/2023 10:00	1439	0
617514	6/17/2023 10:00	6/18/2023 10:00	1439	0
1348773	6/17/2023 10:00	6/18/2023 10:00	1439	0
8734029	6/17/2023 10:00	6/18/2023 10:00	1439	0
1600016	6/17/2023 10:00	6/18/2023 10:00	1439	0
378229	6/17/2023 10:00	6/17/2023 11:10	70	0.2
299676	6/17/2023 10:00	6/17/2023 11:49	109	0
1432509	6/17/2023 10:00	6/18/2023 10:00	1439	0
1511532	6/17/2023 10:00	6/18/2023 10:00	1439	0
772378	6/17/2023 10:00	6/17/2023 11:23	83	0
8950281	6/17/2023 10:00	6/18/2023 5:10	1150	0
793638	6/17/2023 10:00	6/17/2023 16:35	395	0.14
637185	6/17/2023 10:00	6/18/2023 10:00	1439	0
8387677	6/17/2023 10:00	6/17/2023 12:14	134	0.07
6761269	6/17/2023 10:00	6/18/2023 10:00	1439	0
563721	6/17/2023 10:00	6/18/2023 10:00	1439	0.07
1619720	6/17/2023 10:00	6/18/2023 10:00	1439	0
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346288	6/17/2023 10:00	6/18/2023 10:00	1439	0
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1573666	6/17/2023 10:00	6/17/2023 12:04	124	0
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309944	6/17/2023 10:00	6/18/2023 10:00	1439	0
1393633	6/17/2023 10:00	6/17/2023 14:04	244	0
1348300	6/17/2023 10:00	6/18/2023 10:00	1439	0
1350598	6/17/2023 10:00	6/18/2023 10:00	1439	0
1301093	6/17/2023 10:00	6/17/2023 11:49	109	0.21
1348780	6/17/2023 10:00	6/18/2023 10:00	1439	0
1299402	6/17/2023 10:00	6/18/2023 10:00	1439	0.05
264186	6/17/2023 10:00	6/18/2023 10:00	1439	0
1309098	6/17/2023 10:00	6/17/2023 17:09	429	1.6
1508563	6/17/2023 10:00	6/18/2023 10:00	1439	0
319726	6/17/2023 10:00	6/18/2023 10:00	1439	0
564357	6/17/2023 10:00	6/18/2023 10:00	1439	0
8148103	6/17/2023 10:00	6/18/2023 10:00	1439	0.01
1193174	6/17/2023 10:00	6/18/2023 10:00	1439	0.14
535771	6/17/2023 10:00	6/18/2023 4:01	1081	0
46184	6/17/2023 10:00	6/18/2023 10:00	1439	0
315345	6/17/2023 10:00	6/18/2023 10:00	1439	0.95
581074	6/17/2023 10:00	6/18/2023 10:00	1439	0
1332906	6/17/2023 10:00	6/18/2023 10:00	1439	0
1394543	6/17/2023 10:00	6/18/2023 10:00	1439	0.99
587455	6/17/2023 10:09	6/18/2023 10:00	1430	0

791510	6/17/2023 10:18	6/18/2023 1:03	885	0.19
316997	6/17/2023 10:49	6/18/2023 2:13	924	1.71
1671958	6/17/2023 10:58	6/18/2023 0:28	810	0.89
416557	6/17/2023 11:10	6/17/2023 11:16	6	0
378229	6/17/2023 11:10	6/17/2023 20:49	579	1.34
416557	6/17/2023 11:16	6/17/2023 14:10	174	0
324045	6/17/2023 11:22	6/17/2023 11:37	15	0
772378	6/17/2023 11:23	6/17/2023 22:01	638	0
315346	6/17/2023 11:24	6/17/2023 11:37	13	0.06
793690	6/17/2023 11:24	6/17/2023 16:27	303	1.07
324045	6/17/2023 11:37	6/17/2023 15:02	205	0
315346	6/17/2023 11:37	6/17/2023 12:44	67	0
581832	6/17/2023 11:41	6/18/2023 4:41	1020	0
1301093	6/17/2023 11:49	6/17/2023 12:04	15	0.04
299676	6/17/2023 11:49	6/17/2023 11:50	1	0
7937779	6/17/2023 11:50	6/17/2023 21:13	563	0
299676	6/17/2023 11:50	6/17/2023 17:09	319	0
1430553	6/17/2023 11:52	6/17/2023 21:07	555	2.43
1624452	6/17/2023 11:57	6/18/2023 0:28	751	0
1495134	6/17/2023 12:02	6/18/2023 10:00	1317	0
7415412	6/17/2023 12:04	6/17/2023 21:24	560	1.27
1301093	6/17/2023 12:04	6/17/2023 13:02	58	0.21
1573666	6/17/2023 12:04	6/17/2023 12:24	20	0
8068454	6/17/2023 12:07	6/17/2023 12:09	2	0
8068454	6/17/2023 12:09	6/17/2023 14:07	118	0
1251782	6/17/2023 12:09	6/17/2023 12:19	10	0
8621797	6/17/2023 12:13	6/18/2023 2:19	846	0
8387677	6/17/2023 12:14	6/17/2023 12:31	17	0.09
1586005	6/17/2023 12:15	6/17/2023 12:23	8	0
1251782	6/17/2023 12:19	6/17/2023 14:09	110	0
1586005	6/17/2023 12:23	6/17/2023 14:15	112	0
1573666	6/17/2023 12:24	6/17/2023 14:04	100	0
8387677	6/17/2023 12:31	6/17/2023 13:54	83	0.38
266906	6/17/2023 12:39	6/17/2023 12:40	1	0.02
266906	6/17/2023 12:40	6/17/2023 13:59	79	0.53
315346	6/17/2023 12:44	6/18/2023 4:08	924	0.73
8668965	6/17/2023 12:57	6/17/2023 21:35	518	0.14
1301093	6/17/2023 13:02	6/17/2023 21:09	487	0.48
1700586	6/17/2023 13:21	6/17/2023 13:22	1	0
1700586	6/17/2023 13:22	6/17/2023 14:21	59	0.2
2032900	6/17/2023 13:31	6/17/2023 21:49	498	0.21
790670	6/17/2023 13:42	6/17/2023 14:00	18	0
1190820	6/17/2023 13:52	6/18/2023 2:29	757	0.43
507365	6/17/2023 13:53	6/17/2023 13:56	3	0
8387677	6/17/2023 13:54	6/17/2023 21:37	463	0.02
507365	6/17/2023 13:56	6/17/2023 17:33	217	0
465897	6/17/2023 13:58	6/18/2023 10:00	1201	0

266906	6/17/2023 13:59	6/18/2023 0:28	629	0.12
790670	6/17/2023 14:00	6/17/2023 14:02	2	0
1320619	6/17/2023 14:01	6/17/2023 17:35	214	0
790670	6/17/2023 14:02	6/17/2023 22:00	478	0
1573666	6/17/2023 14:04	6/17/2023 21:23	439	0
496500	6/17/2023 14:04	6/18/2023 2:27	743	0
1393633	6/17/2023 14:04	6/18/2023 2:08	724	0
872542	6/17/2023 14:07	6/18/2023 0:28	621	0.48
8068454	6/17/2023 14:07	6/17/2023 21:11	424	0
1251782	6/17/2023 14:09	6/17/2023 21:29	440	0
416557	6/17/2023 14:10	6/18/2023 0:28	618	0
265473	6/17/2023 14:12	6/18/2023 0:28	616	0
1586005	6/17/2023 14:15	6/17/2023 21:16	421	0
7533405	6/17/2023 14:21	6/17/2023 14:26	5	0
1700586	6/17/2023 14:21	6/17/2023 21:59	458	0.14
7533405	6/17/2023 14:26	6/18/2023 0:28	602	0.03
324045	6/17/2023 15:02	6/18/2023 3:37	755	0
810130	6/17/2023 15:08	6/17/2023 22:35	447	0
808829	6/17/2023 15:54	6/17/2023 23:05	431	0
301691	6/17/2023 15:57	6/18/2023 0:28	511	0
793690	6/17/2023 16:27	6/18/2023 0:28	481	0
793638	6/17/2023 16:35	6/18/2023 4:35	720	0
299676	6/17/2023 17:09	6/18/2023 0:49	460	0
1309098	6/17/2023 17:09	6/18/2023 0:38	449	0
507365	6/17/2023 17:33	6/17/2023 22:58	325	0
1320619	6/17/2023 17:35	6/18/2023 10:00	984	0
572882	6/17/2023 18:03	6/18/2023 1:42	459	0
323747	6/17/2023 19:12	6/18/2023 10:00	887	0
378229	6/17/2023 20:49	6/18/2023 0:28	219	0
1430553	6/17/2023 21:07	6/18/2023 5:08	481	0
1301093	6/17/2023 21:09	6/18/2023 0:28	199	0
8068454	6/17/2023 21:11	6/18/2023 10:00	768	0
7937779	6/17/2023 21:13	6/18/2023 10:00	766	0
583848	6/17/2023 21:16	6/18/2023 10:00	763	0
1586005	6/17/2023 21:16	6/18/2023 10:00	763	0
656628	6/17/2023 21:19	6/18/2023 10:00	760	0
1573666	6/17/2023 21:23	6/18/2023 10:00	756	0
7415412	6/17/2023 21:24	6/18/2023 10:00	755	0
1251782	6/17/2023 21:29	6/18/2023 10:00	750	0
8668965	6/17/2023 21:35	6/18/2023 10:00	744	0
8387677	6/17/2023 21:37	6/18/2023 10:00	742	0
1511816	6/17/2023 21:37	6/18/2023 1:20	223	0
2032900	6/17/2023 21:49	6/18/2023 10:00	730	0
1700586	6/17/2023 21:59	6/18/2023 10:00	720	0
790670	6/17/2023 22:00	6/18/2023 10:00	719	0
772378	6/17/2023 22:01	6/18/2023 0:28	147	0
810130	6/17/2023 22:35	6/18/2023 10:00	684	0

507365	6/17/2023 22:58	6/18/2023 0:28	90	0
808829	6/17/2023 23:05	6/18/2023 0:28	83	0
266906	6/18/2023 0:28	6/18/2023 10:00	571	0
1301093	6/18/2023 0:28	6/18/2023 4:09	221	0
1671958	6/18/2023 0:28	6/18/2023 10:00	571	0
265473	6/18/2023 0:28	6/18/2023 10:00	571	0
808829	6/18/2023 0:28	6/18/2023 1:25	57	0
1624452	6/18/2023 0:28	6/18/2023 10:00	571	0
378229	6/18/2023 0:28	6/18/2023 2:29	121	0
872542	6/18/2023 0:28	6/18/2023 10:00	571	0
6714863	6/18/2023 0:28	6/18/2023 10:00	571	0
416557	6/18/2023 0:28	6/18/2023 10:00	571	0
7533405	6/18/2023 0:28	6/18/2023 10:00	571	0
793690	6/18/2023 0:28	6/18/2023 10:00	571	0
301691	6/18/2023 0:28	6/18/2023 10:00	571	0
507365	6/18/2023 0:28	6/18/2023 1:18	50	0
772378	6/18/2023 0:28	6/18/2023 2:41	133	0
466549	6/18/2023 0:28	6/18/2023 4:00	212	0
1309098	6/18/2023 0:38	6/18/2023 10:00	561	0
299676	6/18/2023 0:49	6/18/2023 10:00	550	0
791510	6/18/2023 1:03	6/18/2023 10:00	536	0
507365	6/18/2023 1:18	6/18/2023 10:00	521	0
1511816	6/18/2023 1:20	6/18/2023 10:00	519	0
808829	6/18/2023 1:25	6/18/2023 10:00	514	0
572882	6/18/2023 1:42	6/18/2023 10:00	497	0
1393633	6/18/2023 2:08	6/18/2023 10:00	471	0
316997	6/18/2023 2:13	6/18/2023 10:00	466	0
8621797	6/18/2023 2:19	6/18/2023 10:00	460	0
496500	6/18/2023 2:27	6/18/2023 10:00	452	0
378229	6/18/2023 2:29	6/18/2023 10:00	450	0
1190820	6/18/2023 2:29	6/18/2023 2:39	10	0
1190820	6/18/2023 2:39	6/18/2023 3:29	50	0
772378	6/18/2023 2:41	6/18/2023 10:00	438	0
51483	6/18/2023 3:21	6/18/2023 10:00	398	0
1190820	6/18/2023 3:29	6/18/2023 10:00	390	0
324045	6/18/2023 3:37	6/18/2023 10:00	382	0
466549	6/18/2023 4:00	6/18/2023 4:07	7	0
535771	6/18/2023 4:01	6/18/2023 10:00	358	0
466549	6/18/2023 4:07	6/18/2023 5:40	93	0
315346	6/18/2023 4:08	6/18/2023 10:00	351	0
1301093	6/18/2023 4:09	6/18/2023 10:00	350	0
793638	6/18/2023 4:35	6/18/2023 4:49	14	0
581832	6/18/2023 4:41	6/18/2023 10:00	318	0
793638	6/18/2023 4:49	6/18/2023 5:55	66	0
415949	6/18/2023 4:59	6/18/2023 10:00	300	0
1557188	6/18/2023 5:00	6/18/2023 5:08	8	0
1430553	6/18/2023 5:08	6/18/2023 10:00	291	0

1557188	6/18/2023 5:08	6/18/2023 5:20	12	0
8950281	6/18/2023 5:10	6/18/2023 10:00	289	0
1525793	6/18/2023 5:13	6/18/2023 10:00	286	0
1557188	6/18/2023 5:20	6/18/2023 10:00	279	0
1557303	6/18/2023 5:21	6/18/2023 10:00	278	0
466549	6/18/2023 5:40	6/18/2023 10:00	259	0
793638	6/18/2023 5:55	6/18/2023 10:00	244	0
7415412	6/18/2023 10:00	6/19/2023 10:00	1439	0
299676	6/18/2023 10:00	6/18/2023 16:09	369	0
507365	6/18/2023 10:00	6/18/2023 15:23	323	0
1573666	6/18/2023 10:00	6/19/2023 10:00	1439	0
416557	6/18/2023 10:00	6/18/2023 13:03	183	0
1557188	6/18/2023 10:00	6/18/2023 12:58	178	0
872542	6/18/2023 10:00	6/19/2023 1:06	906	1.1
637185	6/18/2023 10:00	6/19/2023 10:00	1439	0
8950281	6/18/2023 10:00	6/19/2023 10:00	1439	0
2032900	6/18/2023 10:00	6/18/2023 13:09	189	0.38
8668965	6/18/2023 10:00	6/18/2023 12:59	179	0
1320619	6/18/2023 10:00	6/18/2023 11:34	94	0
1393633	6/18/2023 10:00	6/19/2023 10:00	1439	0
705447	6/18/2023 10:00	6/19/2023 10:00	1439	0
51483	6/18/2023 10:00	6/19/2023 2:11	971	0
1525793	6/18/2023 10:00	6/19/2023 10:00	1439	0
810130	6/18/2023 10:00	6/18/2023 13:59	239	0
496500	6/18/2023 10:00	6/18/2023 13:14	194	0
323747	6/18/2023 10:00	6/18/2023 14:20	260	0
8621797	6/18/2023 10:00	6/19/2023 10:00	1439	0
564357	6/18/2023 10:00	6/19/2023 10:00	1439	0
1586005	6/18/2023 10:00	6/18/2023 13:26	206	0
264186	6/18/2023 10:00	6/19/2023 10:00	1439	0
1671958	6/18/2023 10:00	6/19/2023 10:00	1439	0.01
301691	6/18/2023 10:00	6/18/2023 14:37	277	0
581832	6/18/2023 10:00	6/19/2023 10:00	1439	0
572882	6/18/2023 10:00	6/18/2023 12:27	147	0.02
793690	6/18/2023 10:00	6/18/2023 13:37	217	1.42
808829	6/18/2023 10:00	6/18/2023 15:28	328	0
583848	6/18/2023 10:00	6/18/2023 14:12	252	0
791510	6/18/2023 10:00	6/19/2023 10:00	1439	0
1251782	6/18/2023 10:00	6/18/2023 13:14	194	0
324045	6/18/2023 10:00	6/18/2023 12:10	130	0
535771	6/18/2023 10:00	6/18/2023 19:09	549	0
1624452	6/18/2023 10:00	6/19/2023 10:00	1439	0
772378	6/18/2023 10:00	6/18/2023 20:56	656	0
6714863	6/18/2023 10:00	6/18/2023 12:17	137	0.1
46184	6/18/2023 10:00	6/19/2023 10:00	1439	0
1430553	6/18/2023 10:00	6/19/2023 10:00	1439	0.05
1301093	6/18/2023 10:00	6/18/2023 13:58	238	1.09

465897	6/18/2023 10:00	6/19/2023 10:00	1439	0
316997	6/18/2023 10:00	6/19/2023 10:00	1439	0
1557303	6/18/2023 10:00	6/18/2023 13:04	184	0
466549	6/18/2023 10:00	6/19/2023 10:00	1439	0
8068454	6/18/2023 10:00	6/19/2023 10:00	1439	0
793638	6/18/2023 10:00	6/18/2023 12:17	137	1.43
8387677	6/18/2023 10:00	6/19/2023 10:00	1439	0
265473	6/18/2023 10:00	6/19/2023 10:00	1439	0
415949	6/18/2023 10:00	6/19/2023 3:02	1022	0
7937779	6/18/2023 10:00	6/18/2023 13:51	231	0
656628	6/18/2023 10:00	6/18/2023 12:17	137	0.38
1511816	6/18/2023 10:00	6/19/2023 10:00	1439	0
1190820	6/18/2023 10:00	6/18/2023 11:04	64	0.02
315346	6/18/2023 10:00	6/19/2023 10:00	1439	0
266906	6/18/2023 10:00	6/19/2023 10:00	1439	0
1700586	6/18/2023 10:00	6/18/2023 13:14	194	0
790670	6/18/2023 10:00	6/18/2023 21:30	690	0.54
1309098	6/18/2023 10:00	6/18/2023 11:25	85	0
325050	6/18/2023 10:18	6/19/2023 10:00	1421	0
1190820	6/18/2023 11:04	6/18/2023 23:24	740	0.57
1309098	6/18/2023 11:25	6/18/2023 11:42	17	0.16
1320619	6/18/2023 11:34	6/18/2023 11:42	8	0
1309098	6/18/2023 11:42	6/19/2023 10:00	1337	0.02
1320619	6/18/2023 11:42	6/18/2023 12:54	72	0
324045	6/18/2023 12:10	6/19/2023 1:39	809	0
656628	6/18/2023 12:17	6/18/2023 21:13	536	0.99
793638	6/18/2023 12:17	6/19/2023 0:28	731	0.98
6714863	6/18/2023 12:17	6/19/2023 0:28	731	0.21
572882	6/18/2023 12:27	6/18/2023 12:42	15	0.11
572882	6/18/2023 12:42	6/18/2023 17:07	265	0.27
1321605	6/18/2023 12:43	6/18/2023 20:22	459	1.28
1320619	6/18/2023 12:54	6/18/2023 17:30	276	0
1557188	6/18/2023 12:58	6/19/2023 0:28	690	0
8668965	6/18/2023 12:59	6/18/2023 20:37	458	0
416557	6/18/2023 13:03	6/19/2023 0:28	685	0
1557303	6/18/2023 13:04	6/18/2023 20:22	438	0.14
1350598	6/18/2023 13:06	6/19/2023 3:04	838	0
2032900	6/18/2023 13:09	6/18/2023 20:48	459	0.21
1700586	6/18/2023 13:14	6/18/2023 20:53	459	0.71
1251782	6/18/2023 13:14	6/18/2023 20:14	420	0
496500	6/18/2023 13:14	6/18/2023 13:21	7	0
496500	6/18/2023 13:21	6/18/2023 15:54	153	0
860281	6/18/2023 13:24	6/19/2023 0:28	664	0
1586005	6/18/2023 13:26	6/18/2023 20:30	424	0
793690	6/18/2023 13:37	6/18/2023 13:48	11	0.1
617514	6/18/2023 13:37	6/19/2023 0:28	651	0
323657	6/18/2023 13:45	6/19/2023 2:03	738	0.92

793690	6/18/2023 13:48	6/18/2023 15:17	89	0.41
7937779	6/18/2023 13:51	6/18/2023 20:13	382	0
7879030	6/18/2023 13:56	6/19/2023 1:56	720	0
1301093	6/18/2023 13:58	6/18/2023 14:10	12	0
810130	6/18/2023 13:59	6/19/2023 3:14	795	0
1301093	6/18/2023 14:10	6/18/2023 16:58	168	0.02
583848	6/18/2023 14:12	6/18/2023 14:18	6	0
1599629	6/18/2023 14:16	6/19/2023 2:23	727	0.01
583848	6/18/2023 14:18	6/18/2023 15:12	54	0
323747	6/18/2023 14:20	6/18/2023 14:23	3	0
323747	6/18/2023 14:23	6/18/2023 18:00	217	0
1511251	6/18/2023 14:30	6/18/2023 16:30	120	0
7533405	6/18/2023 14:35	6/19/2023 0:28	593	0
301691	6/18/2023 14:37	6/19/2023 1:22	645	0
1348780	6/18/2023 14:49	6/19/2023 3:08	739	0.02
563721	6/18/2023 14:54	6/19/2023 3:02	728	0
801004	6/18/2023 14:57	6/19/2023 3:04	727	0
583848	6/18/2023 15:12	6/19/2023 0:28	556	0
793690	6/18/2023 15:17	6/19/2023 0:28	551	0.18
507365	6/18/2023 15:23	6/18/2023 15:37	14	0
808829	6/18/2023 15:28	6/18/2023 15:40	12	0
507365	6/18/2023 15:37	6/18/2023 16:43	66	0
808829	6/18/2023 15:40	6/18/2023 16:48	68	0
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496500	6/18/2023 15:54	6/19/2023 1:16	562	0
299676	6/18/2023 16:09	6/19/2023 0:28	499	0
1511251	6/18/2023 16:30	6/19/2023 0:28	478	0
507365	6/18/2023 16:43	6/18/2023 21:30	287	0
808829	6/18/2023 16:48	6/19/2023 0:29	461	0
1301093	6/18/2023 16:58	6/19/2023 2:04	546	0
1363236	6/18/2023 16:59	6/19/2023 0:28	449	0
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572882	6/18/2023 17:07	6/19/2023 0:31	444	0
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1349244	6/18/2023 17:34	6/19/2023 10:00	985	0
1348300	6/18/2023 17:42	6/18/2023 23:40	358	0
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1379121	6/18/2023 17:43	6/18/2023 23:26	343	0
323747	6/18/2023 18:00	6/18/2023 20:24	144	0
535771	6/18/2023 19:09	6/19/2023 1:23	374	0
1511264	6/18/2023 19:18	6/19/2023 2:07	409	0
8734029	6/18/2023 20:10	6/18/2023 20:30	20	0
7937779	6/18/2023 20:13	6/19/2023 2:03	350	0
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1557303	6/18/2023 20:22	6/19/2023 10:00	817	0
1321605	6/18/2023 20:22	6/19/2023 10:00	817	0

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1586005	6/18/2023 20:30	6/19/2023 10:00	809	0
8734029	6/18/2023 20:30	6/19/2023 4:12	462	0
8668965	6/18/2023 20:37	6/19/2023 10:00	802	0
2032900	6/18/2023 20:48	6/19/2023 10:00	791	0
1700586	6/18/2023 20:53	6/19/2023 10:00	786	0
772378	6/18/2023 20:56	6/19/2023 0:28	212	0
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1348773	6/18/2023 23:29	6/19/2023 0:28	59	0
1348300	6/18/2023 23:40	6/19/2023 0:28	48	0
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323747	6/19/2023 0:28	6/19/2023 1:44	76	0
860281	6/19/2023 0:28	6/19/2023 10:00	571	0
772378	6/19/2023 0:28	6/19/2023 1:36	68	0
7533405	6/19/2023 0:28	6/19/2023 10:00	571	0
793638	6/19/2023 0:28	6/19/2023 10:00	571	0
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1557188	6/19/2023 0:28	6/19/2023 10:00	571	0
1348773	6/19/2023 0:28	6/19/2023 4:29	241	0
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872542	6/19/2023 1:06	6/19/2023 1:08	2	0
872542	6/19/2023 1:08	6/19/2023 3:03	115	0
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301691	6/19/2023 1:22	6/19/2023 1:35	13	0
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535771	6/19/2023 1:24	6/19/2023 2:43	79	0
496500	6/19/2023 1:25	6/19/2023 2:36	71	0
301691	6/19/2023 1:35	6/19/2023 5:17	222	0
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1301093	6/19/2023 2:16	6/19/2023 4:45	149	0
7937779	6/19/2023 2:18	6/19/2023 5:03	165	0
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1599629	6/19/2023 2:29	6/19/2023 5:23	174	0
496500	6/19/2023 2:36	6/19/2023 10:00	443	0
535771	6/19/2023 2:43	6/19/2023 10:00	436	0
1518241	6/19/2023 3:01	6/19/2023 10:00	418	0
415949	6/19/2023 3:02	6/19/2023 3:13	11	0
563721	6/19/2023 3:02	6/19/2023 3:04	2	0
872542	6/19/2023 3:03	6/19/2023 10:00	416	0
801004	6/19/2023 3:04	6/19/2023 3:23	19	0
1350598	6/19/2023 3:04	6/19/2023 3:07	3	0
563721	6/19/2023 3:04	6/19/2023 4:02	58	0
1350598	6/19/2023 3:07	6/19/2023 4:24	77	0
1348780	6/19/2023 3:08	6/19/2023 3:09	1	0
1348780	6/19/2023 3:09	6/19/2023 4:08	59	0
415949	6/19/2023 3:13	6/19/2023 4:02	49	0
810130	6/19/2023 3:14	6/19/2023 3:20	6	0
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323657	6/19/2023 3:23	6/19/2023 10:00	396	0
801004	6/19/2023 3:23	6/19/2023 6:04	161	0
7879030	6/19/2023 3:36	6/19/2023 10:00	383	0
563721	6/19/2023 4:02	6/19/2023 10:00	357	0
415949	6/19/2023 4:02	6/19/2023 10:00	357	0
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1350598	6/19/2023 4:24	6/19/2023 10:00	335	0
1348773	6/19/2023 4:29	6/19/2023 10:00	330	0
1301093	6/19/2023 4:45	6/19/2023 10:00	314	0
7937779	6/19/2023 5:03	6/19/2023 10:00	296	0
810130	6/19/2023 5:14	6/19/2023 10:00	285	0

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324045	6/19/2023 10:00	6/19/2023 11:08	68	0
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705447	6/19/2023 10:00	6/20/2023 10:00	1439	0
1348300	6/19/2023 10:00	6/20/2023 10:00	1439	0
323657	6/19/2023 10:00	6/19/2023 11:08	68	0
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860281	6/19/2023 10:00	6/20/2023 10:00	1439	0
1321605	6/19/2023 10:00	6/20/2023 3:11	1031	0.38
7937779	6/19/2023 10:00	6/19/2023 12:47	167	0
1320619	6/19/2023 10:00	6/20/2023 10:00	1439	0
51483	6/19/2023 10:00	6/20/2023 10:00	1439	0
1301093	6/19/2023 10:00	6/19/2023 12:20	140	1.21
656628	6/19/2023 10:00	6/19/2023 21:49	709	0.33
810130	6/19/2023 10:00	6/19/2023 12:53	173	0
1518241	6/19/2023 10:00	6/20/2023 1:45	945	0.04
1557303	6/19/2023 10:00	6/19/2023 12:01	121	0
1309098	6/19/2023 10:00	6/19/2023 11:04	64	0.02
1190820	6/19/2023 10:00	6/19/2023 15:57	357	0.91
264186	6/19/2023 10:00	6/20/2023 10:00	1439	0
8668965	6/19/2023 10:00	6/19/2023 11:53	113	0
1586005	6/19/2023 10:00	6/19/2023 20:11	611	0
1393633	6/19/2023 10:00	6/19/2023 16:18	378	0
299676	6/19/2023 10:00	6/20/2023 10:00	1439	0
1348780	6/19/2023 10:00	6/20/2023 10:00	1439	0
7879030	6/19/2023 10:00	6/20/2023 10:00	1439	0
323747	6/19/2023 10:00	6/20/2023 10:00	1439	0
1251782	6/19/2023 10:00	6/19/2023 14:38	278	0
872542	6/19/2023 10:00	6/20/2023 10:00	1439	0
793638	6/19/2023 10:00	6/20/2023 10:00	1439	0.83
801004	6/19/2023 10:00	6/19/2023 12:30	150	0
564357	6/19/2023 10:00	6/20/2023 10:00	1439	0
790670	6/19/2023 10:00	6/19/2023 22:07	727	0
496500	6/19/2023 10:00	6/19/2023 13:57	237	0
1700586	6/19/2023 10:00	6/19/2023 15:15	315	0
2032900	6/19/2023 10:00	6/20/2023 10:00	1439	0
563721	6/19/2023 10:00	6/20/2023 2:55	1015	0
1348773	6/19/2023 10:00	6/20/2023 10:00	1439	0
46184	6/19/2023 10:00	6/20/2023 10:00	1439	0
583848	6/19/2023 10:00	6/19/2023 14:12	252	0
1557188	6/19/2023 10:00	6/19/2023 11:55	115	0

535771	6/19/2023 10:00	6/20/2023 10:00	1439	0
637185	6/19/2023 10:00	6/20/2023 10:00	1439	0
808829	6/19/2023 10:00	6/19/2023 14:47	287	0
416557	6/19/2023 10:00	6/19/2023 12:11	131	0
572882	6/19/2023 10:00	6/19/2023 12:31	151	0
8734029	6/19/2023 10:00	6/19/2023 19:26	566	0
793690	6/19/2023 10:00	6/19/2023 14:01	241	0.04
1349244	6/19/2023 10:00	6/20/2023 10:00	1439	0
1599629	6/19/2023 10:00	6/20/2023 1:44	944	0
617514	6/19/2023 10:00	6/19/2023 13:59	239	0
301691	6/19/2023 10:00	6/19/2023 13:39	219	0
772378	6/19/2023 10:00	6/19/2023 14:55	295	0
859747	6/19/2023 10:28	6/19/2023 21:28	660	0
1309098	6/19/2023 11:04	6/19/2023 21:03	599	1.83
323657	6/19/2023 11:08	6/20/2023 2:15	907	0.03
324045	6/19/2023 11:08	6/20/2023 0:38	810	0
315345	6/19/2023 11:10	6/20/2023 0:09	779	0
581832	6/19/2023 11:12	6/20/2023 1:57	885	0
265473	6/19/2023 11:41	6/19/2023 12:01	20	0
315346	6/19/2023 11:47	6/20/2023 1:06	799	0
8668965	6/19/2023 11:53	6/19/2023 21:11	558	0
1557188	6/19/2023 11:55	6/20/2023 1:14	799	0
1193174	6/19/2023 12:00	6/20/2023 2:01	841	0.3
1557303	6/19/2023 12:01	6/20/2023 2:40	879	0.13
265473	6/19/2023 12:01	6/19/2023 23:59	718	0
581074	6/19/2023 12:06	6/19/2023 12:08	2	0
6503956	6/19/2023 12:08	6/20/2023 2:26	858	0
581074	6/19/2023 12:08	6/19/2023 21:26	558	0
416557	6/19/2023 12:11	6/20/2023 1:30	799	0
1301093	6/19/2023 12:20	6/20/2023 0:28	728	0.85
801004	6/19/2023 12:30	6/19/2023 21:34	544	0
572882	6/19/2023 12:31	6/19/2023 12:46	15	0
572882	6/19/2023 12:46	6/19/2023 16:11	205	0
306565	6/19/2023 12:47	6/20/2023 10:00	1272	0
7937779	6/19/2023 12:47	6/20/2023 2:26	819	0
791510	6/19/2023 12:51	6/20/2023 0:28	697	0
810130	6/19/2023 12:53	6/20/2023 3:32	879	0
301691	6/19/2023 13:39	6/19/2023 13:50	11	0
507365	6/19/2023 13:45	6/19/2023 21:58	493	0
301691	6/19/2023 13:50	6/19/2023 13:59	9	0
496500	6/19/2023 13:57	6/20/2023 0:28	631	0
617514	6/19/2023 13:59	6/20/2023 0:28	629	0
301691	6/19/2023 13:59	6/20/2023 0:28	629	0
793690	6/19/2023 14:01	6/19/2023 14:09	8	0.06
793690	6/19/2023 14:09	6/19/2023 14:21	12	0
583848	6/19/2023 14:12	6/20/2023 0:28	616	0
7533405	6/19/2023 14:13	6/20/2023 0:28	615	0

1368745	6/19/2023 14:18	6/20/2023 0:37	619	0
793690	6/19/2023 14:21	6/20/2023 0:28	607	0
457729	6/19/2023 14:25	6/20/2023 2:02	697	0
1624452	6/19/2023 14:28	6/20/2023 0:46	618	0
1985687	6/19/2023 14:31	6/20/2023 2:22	711	0
456099	6/19/2023 14:34	6/20/2023 0:33	599	0
1251782	6/19/2023 14:38	6/19/2023 14:44	6	0
1251782	6/19/2023 14:44	6/20/2023 10:00	1155	0
307661	6/19/2023 14:47	6/19/2023 20:44	357	0
808829	6/19/2023 14:47	6/20/2023 3:44	777	0
772378	6/19/2023 14:55	6/19/2023 15:15	20	0
1386169	6/19/2023 14:57	6/20/2023 2:02	665	0.18
1702895	6/19/2023 15:12	6/20/2023 2:25	673	0
1700586	6/19/2023 15:15	6/19/2023 15:28	13	0
772378	6/19/2023 15:15	6/19/2023 16:55	100	0
1299402	6/19/2023 15:19	6/20/2023 0:28	549	0
1417279	6/19/2023 15:22	6/20/2023 0:28	546	0
1700586	6/19/2023 15:28	6/19/2023 15:55	27	0
121748	6/19/2023 15:54	6/20/2023 0:28	514	0
1700586	6/19/2023 15:55	6/19/2023 21:34	339	0
1190820	6/19/2023 15:57	6/19/2023 23:30	453	0
9993140	6/19/2023 16:06	6/20/2023 0:28	502	0
572882	6/19/2023 16:11	6/19/2023 23:49	458	0
1393633	6/19/2023 16:18	6/19/2023 23:34	436	0
1576533	6/19/2023 16:22	6/20/2023 0:28	486	0
772378	6/19/2023 16:55	6/19/2023 21:18	263	0
1681747	6/19/2023 17:18	6/20/2023 1:20	482	0
242248	6/19/2023 17:56	6/20/2023 10:00	963	0
587455	6/19/2023 18:40	6/19/2023 20:00	80	0
8734029	6/19/2023 19:26	6/20/2023 2:52	446	0
1432509	6/19/2023 19:33	6/20/2023 6:23	650	0
1417138	6/19/2023 19:33	6/20/2023 1:27	354	0
304345	6/19/2023 19:39	6/20/2023 0:32	293	0
455629	6/19/2023 19:41	6/20/2023 1:29	348	0
6961293	6/19/2023 19:41	6/20/2023 1:36	355	0
160073	6/19/2023 19:52	6/20/2023 2:07	375	0
587455	6/19/2023 20:00	6/20/2023 0:35	275	0
1586005	6/19/2023 20:11	6/20/2023 2:26	375	0
806370	6/19/2023 20:20	6/20/2023 2:16	356	0
307661	6/19/2023 20:44	6/20/2023 2:34	350	0
1309098	6/19/2023 21:03	6/20/2023 10:00	776	0
8668965	6/19/2023 21:11	6/20/2023 0:28	197	0
772378	6/19/2023 21:18	6/20/2023 0:28	190	0
581074	6/19/2023 21:26	6/20/2023 0:28	182	0
859747	6/19/2023 21:28	6/20/2023 0:28	180	0
1700586	6/19/2023 21:34	6/20/2023 10:00	745	0
801004	6/19/2023 21:34	6/20/2023 0:28	174	0

656628	6/19/2023 21:49	6/20/2023 10:00	730	0
507365	6/19/2023 21:58	6/20/2023 0:28	150	0
790670	6/19/2023 22:07	6/20/2023 0:28	141	0
1190820	6/19/2023 23:30	6/20/2023 0:28	58	0
1393633	6/19/2023 23:34	6/20/2023 10:00	625	0
572882	6/19/2023 23:49	6/20/2023 10:00	610	0
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808829	6/20/2023 3:44	6/20/2023 3:53	9	0
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793690	6/20/2023 10:00	6/20/2023 11:46	106	0
1393633	6/20/2023 10:00	6/21/2023 10:00	1439	0
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323657	6/20/2023 10:00	6/21/2023 2:15	975	0.63
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8621797	6/20/2023 10:00	6/21/2023 10:00	1439	0
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1251782	6/20/2023 10:00	6/20/2023 12:25	145	0
1624452	6/20/2023 10:00	6/21/2023 10:00	1439	0
1386169	6/20/2023 10:00	6/20/2023 11:43	103	0
507365	6/20/2023 10:00	6/21/2023 3:16	1036	0
457729	6/20/2023 10:00	6/21/2023 10:00	1439	0
1586005	6/20/2023 10:00	6/21/2023 10:00	1439	0
8668965	6/20/2023 10:00	6/21/2023 2:56	1016	0
806370	6/20/2023 10:00	6/21/2023 10:00	1439	0
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1190820	6/20/2023 10:00	6/20/2023 11:24	84	0
1985687	6/20/2023 10:00	6/21/2023 0:28	868	0
315345	6/20/2023 10:00	6/21/2023 0:17	857	0.2
572882	6/20/2023 10:00	6/20/2023 11:43	103	0
656628	6/20/2023 10:00	6/20/2023 11:44	104	0
581074	6/20/2023 10:00	6/20/2023 15:15	315	0
1702895	6/20/2023 10:00	6/21/2023 2:51	1011	0
51483	6/20/2023 10:00	6/21/2023 10:00	1439	0
587455	6/20/2023 10:00	6/20/2023 18:00	480	0
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1321605	6/20/2023 10:00	6/21/2023 2:50	1010	0.15
265473	6/20/2023 10:00	6/21/2023 10:00	1439	0
1309098	6/20/2023 10:00	6/20/2023 11:44	104	0
242248	6/20/2023 10:00	6/21/2023 10:00	1439	0
581832	6/20/2023 10:00	6/20/2023 11:44	104	0

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6961293	6/20/2023 10:00	6/21/2023 10:00	1439	0
301691	6/20/2023 10:00	6/21/2023 1:56	956	0
808829	6/20/2023 10:04	6/21/2023 3:06	1022	0
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1386169	6/20/2023 11:43	6/21/2023 1:57	854	15.36
656628	6/20/2023 11:44	6/20/2023 21:46	602	0.23
324045	6/20/2023 11:44	6/20/2023 14:05	141	0
801004	6/20/2023 11:44	6/20/2023 21:41	597	0
581832	6/20/2023 11:44	6/21/2023 2:19	875	0
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416557	6/20/2023 11:47	6/21/2023 1:50	843	0
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1395587	6/20/2023 11:49	6/21/2023 3:15	926	0
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581074	6/20/2023 17:55	6/20/2023 21:34	219	0
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1309098	6/20/2023 23:32	6/21/2023 0:28	56	0
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315345	6/21/2023 0:17	6/21/2023 0:28	11	0
801004	6/21/2023 0:28	6/21/2023 3:41	193	0
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8387677	6/21/2023 0:28	6/21/2023 10:00	571	0
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160073	6/21/2023 2:01	6/21/2023 2:29	28	0
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6761269	6/21/2023 10:00	6/22/2023 10:00	1439	0
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1573666	6/21/2023 10:00	6/22/2023 10:00	1439	0
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160073	6/21/2023 10:00	6/22/2023 10:00	1439	0

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416557	6/21/2023 10:00	6/22/2023 10:00	1439	0
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705447	6/21/2023 10:00	6/22/2023 10:00	1439	0
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324290	6/21/2023 12:08	6/22/2023 10:00	1311	0
345647	6/21/2023 12:09	6/22/2023 10:00	1310	0
1586005	6/21/2023 12:09	6/22/2023 10:00	1310	0
323747	6/21/2023 12:10	6/22/2023 10:00	1309	0
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772378	6/21/2023 12:39	6/22/2023 10:00	1280	0
8668965	6/21/2023 12:46	6/22/2023 10:00	1273	0
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1700586	6/21/2023 12:55	6/22/2023 10:00	1264	0
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507365	6/21/2023 13:33	6/22/2023 10:00	1226	0
790670	6/21/2023 13:33	6/22/2023 10:00	1226	0
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772378	6/23/2023 0:28	6/23/2023 10:00	571	0
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315484	6/23/2023 0:28	6/23/2023 1:11	43	0
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507365	6/23/2023 0:28	6/23/2023 10:00	571	0
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6761269	6/23/2023 0:28	6/23/2023 10:00	571	0
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324290	6/23/2023 0:28	6/23/2023 10:00	571	0
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8590289	6/23/2023 0:28	6/23/2023 10:00	571	0
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466549	6/23/2023 0:28	6/23/2023 2:26	118	0
316997	6/23/2023 0:28	6/23/2023 1:16	48	0
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396857	6/23/2023 0:28	6/23/2023 10:00	571	0
581832	6/23/2023 0:28	6/23/2023 10:00	571	0
315088	6/23/2023 0:28	6/23/2023 3:09	161	0
416557	6/23/2023 0:28	6/23/2023 10:00	571	0
345957	6/23/2023 0:28	6/23/2023 10:00	571	0
859747	6/23/2023 0:35	6/23/2023 10:00	564	0

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8148103	6/23/2023 1:15	6/23/2023 10:00	524	0
316997	6/23/2023 1:16	6/23/2023 10:00	523	0
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587455	6/23/2023 5:04	6/23/2023 10:00	295	0
8950281	6/23/2023 5:08	6/23/2023 10:00	291	0
1407881	6/23/2023 6:12	6/23/2023 10:00	227	0
24993	6/23/2023 8:12	6/23/2023 10:00	107	0
1430553	6/23/2023 8:37	6/23/2023 10:00	82	0
854579	6/23/2023 9:51	6/23/2023 10:00	8	0
323747	6/23/2023 10:00	6/24/2023 3:58	1078	0
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315484	6/23/2023 10:00	6/24/2023 10:00	1439	0
793690	6/23/2023 10:00	6/24/2023 0:28	868	0
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581832	6/23/2023 10:00	6/23/2023 12:34	154	0
8590289	6/23/2023 10:00	6/23/2023 15:01	301	0
1511251	6/23/2023 10:00	6/24/2023 10:00	1439	0
1407947	6/23/2023 10:00	6/24/2023 2:43	1003	0
1702895	6/23/2023 10:00	6/24/2023 10:00	1439	0
6714863	6/23/2023 10:00	6/23/2023 11:24	84	0
324045	6/23/2023 10:00	6/23/2023 11:59	119	0
572882	6/23/2023 10:00	6/23/2023 12:47	167	0
1407881	6/23/2023 10:00	6/24/2023 3:44	1064	0
500173	6/23/2023 10:00	6/24/2023 2:51	1011	0
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637185	6/23/2023 10:00	6/24/2023 10:00	1439	0
656628	6/23/2023 10:00	6/23/2023 14:11	251	0
315346	6/23/2023 10:00	6/23/2023 12:02	122	0

6623421	6/23/2023 10:00	6/24/2023 10:00	1439	0
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315088	6/23/2023 10:00	6/24/2023 10:00	1439	0
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1190820	6/23/2023 10:00	6/23/2023 15:43	343	0.07
1379802	6/23/2023 10:00	6/24/2023 10:00	1439	0
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535771	6/23/2023 10:00	6/24/2023 10:00	1439	0
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416557	6/23/2023 11:21	6/24/2023 2:19	898	0
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1251782	6/23/2023 12:15	6/24/2023 3:18	903	0
1309098	6/23/2023 12:16	6/23/2023 20:44	508	0
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324290	6/23/2023 12:35	6/24/2023 0:28	713	0
1432509	6/23/2023 12:40	6/24/2023 0:28	708	0
772378	6/23/2023 12:41	6/24/2023 0:28	707	0
8621797	6/23/2023 12:43	6/24/2023 4:02	919	0
1573666	6/23/2023 12:44	6/24/2023 4:08	924	0
572882	6/23/2023 12:47	6/23/2023 23:50	663	0
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507365	6/23/2023 13:31	6/24/2023 0:28	657	0
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1386169	6/23/2023 14:40	6/24/2023 10:00	1159	0
8734029	6/23/2023 14:49	6/24/2023 0:32	583	0
8590289	6/23/2023 15:01	6/24/2023 3:25	744	0
1190820	6/23/2023 15:43	6/24/2023 5:32	829	0
814312	6/23/2023 15:56	6/24/2023 4:01	725	0
1556486	6/23/2023 16:37	6/24/2023 2:41	604	0
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315346	6/24/2023 0:28	6/24/2023 10:00	571	0
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1020466	6/24/2023 0:28	6/24/2023 10:00	571	0
1557100	6/24/2023 0:28	6/24/2023 10:00	571	0
1681747	6/24/2023 0:28	6/24/2023 1:25	57	0
7533405	6/24/2023 0:28	6/24/2023 10:00	571	0
772378	6/24/2023 0:28	6/24/2023 10:00	571	0
1700586	6/24/2023 0:28	6/24/2023 10:00	571	0
415949	6/24/2023 0:28	6/24/2023 10:00	571	0
8734029	6/24/2023 0:32	6/24/2023 10:00	567	0
8668965	6/24/2023 0:58	6/24/2023 10:00	541	0
1301093	6/24/2023 0:59	6/24/2023 10:00	540	0
6714863	6/24/2023 1:02	6/24/2023 10:00	537	0
790670	6/24/2023 1:03	6/24/2023 10:00	536	0
496500	6/24/2023 1:12	6/24/2023 10:00	527	0
1681747	6/24/2023 1:25	6/24/2023 1:40	15	0
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266906	6/24/2023 1:29	6/24/2023 10:00	510	0
1681747	6/24/2023 1:40	6/24/2023 2:05	25	0
1619720	6/24/2023 1:47	6/24/2023 10:00	492	0
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416557	6/24/2023 2:19	6/24/2023 2:31	12	0
416557	6/24/2023 2:31	6/24/2023 3:39	68	0
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500173	6/24/2023 2:51	6/24/2023 10:00	428	0
506261	6/24/2023 2:52	6/24/2023 3:00	8	0
466549	6/24/2023 2:52	6/24/2023 10:00	427	0
793690	6/24/2023 2:53	6/24/2023 3:12	19	0
455629	6/24/2023 2:56	6/24/2023 3:00	4	0
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506261	6/24/2023 3:00	6/24/2023 3:12	12	0
1407947	6/24/2023 3:00	6/24/2023 4:23	83	0
506261	6/24/2023 3:12	6/24/2023 10:00	407	0
793690	6/24/2023 3:12	6/24/2023 3:53	41	0
1251782	6/24/2023 3:18	6/24/2023 10:00	401	0
8590289	6/24/2023 3:25	6/24/2023 10:00	394	0
416557	6/24/2023 3:39	6/24/2023 10:00	380	0
563721	6/24/2023 3:43	6/24/2023 10:00	376	0
1407881	6/24/2023 3:44	6/24/2023 10:00	375	0

859747	6/24/2023 3:45	6/24/2023 10:00	374	0
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815789	6/24/2023 3:49	6/24/2023 4:04	15	0
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793690	6/24/2023 3:53	6/24/2023 10:00	366	0
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8621797	6/24/2023 4:02	6/24/2023 10:00	357	0
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6503956	6/24/2023 5:06	6/24/2023 5:33	27	0
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1190820	6/24/2023 5:32	6/24/2023 10:00	267	0
6503956	6/24/2023 5:33	6/24/2023 10:00	266	0
46184	6/24/2023 10:00	6/25/2023 10:00	1439	0
265473	6/24/2023 10:00	6/25/2023 1:49	949	0
316997	6/24/2023 10:00	6/25/2023 0:33	873	0.85
637185	6/24/2023 10:00	6/25/2023 10:00	1439	0
1700586	6/24/2023 10:00	6/24/2023 21:42	702	0
264186	6/24/2023 10:00	6/25/2023 10:00	1439	0
705447	6/24/2023 10:00	6/25/2023 10:00	1439	0
1985687	6/24/2023 10:00	6/25/2023 10:00	1439	0
772378	6/24/2023 10:00	6/25/2023 1:48	948	0
6714863	6/24/2023 10:00	6/25/2023 3:22	1042	0.5
564357	6/24/2023 10:00	6/25/2023 10:00	1439	0
1573666	6/24/2023 10:00	6/25/2023 1:37	937	0
1407947	6/24/2023 10:00	6/25/2023 10:00	1439	0
7533405	6/24/2023 10:15	6/25/2023 0:28	853	0.09
1407881	6/24/2023 10:27	6/25/2023 10:00	1412	0
1525793	6/24/2023 10:27	6/25/2023 10:00	1412	0
806370	6/24/2023 10:27	6/25/2023 10:00	1412	0
1272457	6/24/2023 10:27	6/24/2023 15:31	304	0.51
1586005	6/24/2023 10:27	6/25/2023 1:50	923	0
1190820	6/24/2023 11:27	6/24/2023 11:36	9	0
1190820	6/24/2023 11:36	6/25/2023 1:36	840	0
1309098	6/24/2023 11:47	6/25/2023 1:41	834	0
315345	6/24/2023 13:32	6/25/2023 0:28	656	0
299676	6/24/2023 14:08	6/25/2023 10:00	1191	0
1464949	6/24/2023 14:13	6/25/2023 0:28	615	0
872542	6/24/2023 14:52	6/25/2023 3:22	750	0.09
572882	6/24/2023 15:02	6/25/2023 1:40	638	0

587455	6/24/2023 15:09	6/25/2023 0:29	560	0
266906	6/24/2023 15:23	6/25/2023 1:25	602	0
1272457	6/24/2023 15:31	6/25/2023 0:28	537	0.18
8734029	6/24/2023 16:09	6/25/2023 0:28	499	0
790670	6/24/2023 16:28	6/24/2023 23:20	412	0
656628	6/24/2023 16:30	6/24/2023 22:41	371	0
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1417138	6/24/2023 16:39	6/24/2023 16:54	15	0
496500	6/24/2023 16:50	6/25/2023 4:30	700	0
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1671958	6/24/2023 16:57	6/25/2023 1:35	518	0
301691	6/24/2023 17:12	6/25/2023 1:27	495	0
500173	6/24/2023 17:14	6/25/2023 1:57	523	0
416557	6/24/2023 17:28	6/25/2023 1:37	489	0
1386169	6/24/2023 17:51	6/24/2023 21:10	199	0
581832	6/24/2023 17:54	6/25/2023 1:34	460	0
8668965	6/24/2023 17:55	6/25/2023 1:34	459	0
7415412	6/24/2023 17:55	6/25/2023 1:35	460	0
1430553	6/24/2023 17:55	6/25/2023 1:40	465	0
6503956	6/24/2023 17:55	6/25/2023 1:34	459	0
859747	6/24/2023 17:56	6/25/2023 4:12	616	0
8621797	6/24/2023 17:56	6/25/2023 1:31	455	0
323657	6/24/2023 17:56	6/25/2023 2:06	490	0
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8564413	6/24/2023 17:57	6/25/2023 0:28	391	0
1251782	6/24/2023 17:58	6/25/2023 1:38	460	0
455629	6/24/2023 17:58	6/25/2023 1:36	458	0
563721	6/24/2023 17:59	6/25/2023 1:36	457	0
324045	6/24/2023 17:59	6/25/2023 1:37	458	0
8206792	6/24/2023 18:00	6/25/2023 1:46	466	0
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506261	6/24/2023 18:03	6/25/2023 1:41	458	0
325050	6/24/2023 18:04	6/25/2023 1:44	460	0
793690	6/24/2023 18:04	6/25/2023 1:42	458	0
415949	6/24/2023 18:05	6/25/2023 1:48	463	0
2032900	6/24/2023 18:06	6/25/2023 1:34	448	0
1518241	6/24/2023 18:09	6/24/2023 23:23	314	0
1557100	6/24/2023 18:09	6/25/2023 1:47	458	0
378229	6/24/2023 18:10	6/25/2023 1:50	460	0
1321605	6/24/2023 18:11	6/24/2023 22:09	238	0
1624452	6/24/2023 18:12	6/25/2023 2:32	500	0
324290	6/24/2023 18:12	6/25/2023 1:51	459	0
323747	6/24/2023 18:12	6/25/2023 1:49	457	0
315484	6/24/2023 18:12	6/25/2023 1:52	460	0
801004	6/24/2023 18:13	6/25/2023 1:46	453	0
1386169	6/24/2023 21:10	6/25/2023 0:28	198	0

1700586	6/24/2023 21:42	6/25/2023 10:00	737	0
507365	6/24/2023 21:58	6/24/2023 23:09	71	0
1321605	6/24/2023 22:09	6/25/2023 0:28	139	0
656628	6/24/2023 22:41	6/25/2023 10:00	678	0
507365	6/24/2023 23:09	6/25/2023 0:28	79	0
790670	6/24/2023 23:20	6/25/2023 10:00	639	0
1518241	6/24/2023 23:23	6/25/2023 0:28	65	0
1464949	6/25/2023 0:28	6/25/2023 10:00	571	0
315345	6/25/2023 0:28	6/25/2023 10:00	571	0
1321605	6/25/2023 0:28	6/25/2023 1:50	82	0
507365	6/25/2023 0:28	6/25/2023 5:29	301	0
1272457	6/25/2023 0:28	6/25/2023 10:00	571	0
7533405	6/25/2023 0:28	6/25/2023 10:00	571	0
1386169	6/25/2023 0:28	6/25/2023 1:30	62	0
8564413	6/25/2023 0:28	6/25/2023 10:00	571	0
8734029	6/25/2023 0:28	6/25/2023 10:00	571	0
1320619	6/25/2023 0:28	6/25/2023 1:43	75	0
1518241	6/25/2023 0:28	6/25/2023 1:43	75	0
587455	6/25/2023 0:29	6/25/2023 10:00	570	0
316997	6/25/2023 0:33	6/25/2023 10:00	566	0
266906	6/25/2023 1:25	6/25/2023 10:00	514	0
301691	6/25/2023 1:27	6/25/2023 10:00	512	0
1386169	6/25/2023 1:30	6/25/2023 10:00	509	0
8621797	6/25/2023 1:31	6/25/2023 10:00	508	0
581074	6/25/2023 1:33	6/25/2023 10:00	506	0
6503956	6/25/2023 1:34	6/25/2023 10:00	505	0
2032900	6/25/2023 1:34	6/25/2023 10:00	505	0
8668965	6/25/2023 1:34	6/25/2023 10:00	505	0
581832	6/25/2023 1:34	6/25/2023 10:00	505	0
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1671958	6/25/2023 1:35	6/25/2023 10:00	504	0
563721	6/25/2023 1:36	6/25/2023 10:00	503	0
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1190820	6/25/2023 1:36	6/25/2023 10:00	503	0
416557	6/25/2023 1:37	6/25/2023 10:00	502	0
1573666	6/25/2023 1:37	6/25/2023 10:00	502	0
324045	6/25/2023 1:37	6/25/2023 10:00	502	0
1251782	6/25/2023 1:38	6/25/2023 10:00	501	0
1430553	6/25/2023 1:40	6/25/2023 10:00	499	0
572882	6/25/2023 1:40	6/25/2023 10:00	499	0
396857	6/25/2023 1:40	6/25/2023 10:00	499	0
506261	6/25/2023 1:41	6/25/2023 10:00	498	0
1309098	6/25/2023 1:41	6/25/2023 10:00	498	0
1511251	6/25/2023 1:41	6/25/2023 10:00	498	0
1557303	6/25/2023 1:41	6/25/2023 10:00	498	0
793690	6/25/2023 1:42	6/25/2023 10:00	497	0
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315345	6/25/2023 10:00	6/26/2023 9:38	1418	0
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637185	6/25/2023 10:00	6/26/2023 10:00	1439	0
705447	6/25/2023 10:00	6/26/2023 10:00	1439	0
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793690	6/25/2023 13:28	6/26/2023 2:03	755	0.14
8621797	6/25/2023 14:00	6/26/2023 2:30	750	0
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583848	6/25/2023 14:04	6/26/2023 2:33	749	0
1557100	6/25/2023 14:17	6/26/2023 2:42	745	0
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8734029	6/25/2023 14:28	6/26/2023 0:28	600	0
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8734029	6/26/2023 0:28	6/26/2023 10:00	571	0

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1432509	6/26/2023 0:28	6/26/2023 10:00	571	0
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416557	6/26/2023 0:28	6/26/2023 10:00	571	0
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324290	6/26/2023 2:46	6/26/2023 5:38	172	0
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801004	6/26/2023 3:44	6/26/2023 5:41	117	0
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301691	6/26/2023 5:38	6/26/2023 10:00	261	0
790670	6/26/2023 5:38	6/26/2023 10:00	261	0
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817825	6/26/2023 5:39	6/26/2023 10:00	260	0
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1700586	6/26/2023 5:40	6/26/2023 10:00	259	0
304345	6/26/2023 5:40	6/26/2023 10:00	259	0
801004	6/26/2023 5:41	6/26/2023 10:00	258	0
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381338	6/26/2023 5:42	6/26/2023 10:00	257	0
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793690	6/26/2023 5:43	6/26/2023 10:00	256	0

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8621797	6/26/2023 10:00	6/27/2023 10:00	1439	0
9060925	6/26/2023 10:00	6/27/2023 0:28	868	0
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1386169	6/26/2023 10:00	6/26/2023 11:45	105	0
705447	6/26/2023 10:00	6/27/2023 10:00	1439	0
1511251	6/26/2023 10:00	6/27/2023 10:00	1439	0
637185	6/26/2023 10:00	6/27/2023 10:00	1439	0
581074	6/26/2023 10:00	6/27/2023 10:00	1439	0
500173	6/26/2023 10:00	6/27/2023 0:28	868	0
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564357	6/26/2023 10:00	6/27/2023 10:00	1439	0
1556486	6/26/2023 10:00	6/27/2023 10:00	1439	0
323657	6/26/2023 10:00	6/26/2023 19:53	593	1.34
1350598	6/26/2023 10:00	6/27/2023 10:00	1439	0
301691	6/26/2023 10:00	6/27/2023 0:28	868	0
455629	6/26/2023 10:00	6/27/2023 0:28	868	0
656628	6/26/2023 10:00	6/26/2023 11:52	112	0
810130	6/26/2023 10:00	6/27/2023 0:28	868	0
1417138	6/26/2023 10:00	6/27/2023 0:32	872	0
8668965	6/26/2023 10:00	6/26/2023 11:52	112	0
1547843	6/26/2023 10:00	6/27/2023 10:00	1439	0
506261	6/26/2023 10:00	6/27/2023 10:00	1439	0
1557100	6/26/2023 10:00	6/26/2023 11:31	91	0
583848	6/26/2023 10:00	6/26/2023 11:47	107	0

264186	6/26/2023 10:00	6/27/2023 10:00	1439	0
801004	6/26/2023 10:00	6/26/2023 11:58	118	0
1700586	6/26/2023 10:00	6/26/2023 11:53	113	0
324290	6/26/2023 10:00	6/26/2023 11:56	116	0
859747	6/26/2023 10:00	6/27/2023 10:00	1439	0
415949	6/26/2023 10:00	6/26/2023 12:00	120	0
416557	6/26/2023 10:00	6/26/2023 11:45	105	0
808829	6/26/2023 10:00	6/27/2023 0:28	868	0
1586005	6/26/2023 10:00	6/26/2023 11:50	110	0
8564413	6/26/2023 10:00	6/26/2023 11:51	111	0
46184	6/26/2023 10:00	6/27/2023 10:00	1439	0
324045	6/26/2023 10:00	6/26/2023 11:46	106	0
793690	6/26/2023 10:00	6/26/2023 11:48	108	0
790670	6/26/2023 10:07	6/26/2023 11:58	111	0
9993140	6/26/2023 10:21	6/27/2023 10:00	1418	0
315345	6/26/2023 11:01	6/27/2023 9:44	1363	0.08
1190820	6/26/2023 11:23	6/26/2023 20:23	540	0.5
1557100	6/26/2023 11:31	6/27/2023 0:28	777	0.51
1320619	6/26/2023 11:33	6/26/2023 20:55	562	0
1393633	6/26/2023 11:35	6/26/2023 21:12	577	0
1309098	6/26/2023 11:43	6/26/2023 20:25	522	0.09
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496500	6/26/2023 11:51	6/27/2023 0:28	757	0
315484	6/26/2023 11:51	6/26/2023 12:00	9	0
8564413	6/26/2023 11:51	6/26/2023 21:28	577	0
656628	6/26/2023 11:52	6/26/2023 21:13	561	0
8668965	6/26/2023 11:52	6/26/2023 20:51	539	0.13
323747	6/26/2023 11:52	6/26/2023 20:06	494	0
345647	6/26/2023 11:53	6/27/2023 0:28	755	0
1700586	6/26/2023 11:53	6/26/2023 20:11	498	0.2
266906	6/26/2023 11:55	6/27/2023 1:06	791	0.25
501613	6/26/2023 11:55	6/27/2023 0:28	753	0
581832	6/26/2023 11:56	6/27/2023 0:28	752	0
324290	6/26/2023 11:56	6/27/2023 0:28	752	0.47
587455	6/26/2023 11:57	6/26/2023 21:17	560	0
790670	6/26/2023 11:58	6/26/2023 20:39	521	0.1

801004	6/26/2023 11:58	6/26/2023 20:37	519	0
7937779	6/26/2023 11:59	6/27/2023 0:28	749	0
8148103	6/26/2023 11:59	6/26/2023 12:24	25	0
315484	6/26/2023 12:00	6/27/2023 0:28	748	0
7415412	6/26/2023 12:00	6/27/2023 0:28	748	0.41
415949	6/26/2023 12:00	6/26/2023 21:02	542	0
316997	6/26/2023 12:00	6/27/2023 0:28	748	0.03
265473	6/26/2023 12:01	6/26/2023 20:19	498	0
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345941	6/26/2023 12:02	6/26/2023 21:57	595	0
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1985687	6/26/2023 12:03	6/27/2023 0:28	745	0
1299402	6/26/2023 12:03	6/26/2023 20:21	498	0
346288	6/26/2023 12:04	6/26/2023 20:43	519	0
299676	6/26/2023 12:06	6/26/2023 20:26	500	0
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1464949	6/26/2023 14:24	6/27/2023 0:28	604	0
1417279	6/26/2023 14:34	6/27/2023 0:28	594	0.17
563721	6/26/2023 14:35	6/27/2023 0:28	593	0
328408	6/26/2023 14:35	6/27/2023 0:28	593	0
791361	6/26/2023 14:38	6/26/2023 20:07	329	0
466549	6/26/2023 14:50	6/26/2023 22:23	453	0
1681747	6/26/2023 14:54	6/27/2023 0:28	574	0
312766	6/26/2023 14:54	6/27/2023 0:28	574	0.05
1702895	6/26/2023 14:57	6/27/2023 0:28	571	0
8734029	6/26/2023 14:59	6/27/2023 0:28	569	0
49209	6/26/2023 15:03	6/27/2023 0:28	565	0
121748	6/26/2023 15:20	6/27/2023 0:28	548	0
1576533	6/26/2023 15:27	6/27/2023 0:28	541	0.02
306565	6/26/2023 15:27	6/27/2023 0:28	541	0
1077082	6/26/2023 15:49	6/27/2023 0:28	519	0
1573666	6/26/2023 16:00	6/27/2023 0:28	508	0
8972545	6/26/2023 16:07	6/27/2023 0:28	501	0
1020466	6/26/2023 16:34	6/27/2023 0:28	474	0
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323747	6/26/2023 20:06	6/27/2023 9:29	803	0
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1700586	6/26/2023 20:11	6/27/2023 10:00	828	0
265473	6/26/2023 20:19	6/27/2023 10:00	820	0
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1309098	6/26/2023 20:25	6/27/2023 10:00	814	0
1386169	6/26/2023 20:25	6/27/2023 10:00	814	0

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790670	6/26/2023 20:39	6/27/2023 10:00	800	0
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346288	6/26/2023 20:43	6/27/2023 10:00	796	0
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772378	6/26/2023 20:49	6/27/2023 10:00	790	0
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345941	6/26/2023 21:57	6/27/2023 10:00	722	0
466549	6/26/2023 22:23	6/27/2023 10:00	696	0
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1985687	6/27/2023 0:28	6/27/2023 10:00	571	0
49209	6/27/2023 0:28	6/27/2023 10:00	571	0
315484	6/27/2023 0:28	6/27/2023 10:00	571	0
1077082	6/27/2023 0:28	6/27/2023 10:00	571	0
8972545	6/27/2023 0:28	6/27/2023 10:00	571	0
6761269	6/27/2023 0:28	6/27/2023 10:00	571	0
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500173	6/27/2023 0:28	6/27/2023 10:00	571	0
324290	6/27/2023 0:28	6/27/2023 9:42	554	0
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810130	6/27/2023 0:28	6/27/2023 10:00	571	0
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8734029	6/27/2023 0:28	6/27/2023 10:00	571	0
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808829	6/27/2023 0:28	6/27/2023 10:00	571	0
1681747	6/27/2023 0:28	6/27/2023 10:00	571	0
1368745	6/27/2023 0:28	6/27/2023 10:00	571	0
312766	6/27/2023 0:28	6/27/2023 10:00	571	0
1576533	6/27/2023 0:28	6/27/2023 10:00	571	0
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266906	6/27/2023 1:06	6/27/2023 10:00	533	0
1430553	6/27/2023 8:21	6/27/2023 10:00	98	0
323747	6/27/2023 9:29	6/27/2023 10:00	30	0
1671958	6/27/2023 9:33	6/27/2023 10:00	26	0
1518241	6/27/2023 9:34	6/27/2023 10:00	25	0
1272457	6/27/2023 9:35	6/27/2023 10:00	24	0
324290	6/27/2023 9:42	6/27/2023 10:00	17	0
1321605	6/27/2023 9:42	6/27/2023 10:00	17	0
315345	6/27/2023 9:44	6/27/2023 10:00	15	0.02
1573666	6/27/2023 9:51	6/27/2023 10:00	8	0
1624452	6/27/2023 9:51	6/27/2023 10:00	8	0
9063373	6/27/2023 9:54	6/27/2023 10:00	5	0
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46184	6/27/2023 10:00	6/28/2023 10:00	1439	0
705447	6/27/2023 10:00	6/28/2023 10:00	1439	0
264186	6/27/2023 10:00	6/28/2023 10:00	1439	0
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772378	6/27/2023 10:12	6/28/2023 0:28	856	0
315346	6/27/2023 10:13	6/27/2023 14:09	236	0.53
8734029	6/27/2023 10:14	6/27/2023 20:17	603	0
299676	6/27/2023 10:16	6/28/2023 0:28	852	0
1700586	6/27/2023 10:17	6/28/2023 0:28	851	0.68
265473	6/27/2023 10:25	6/27/2023 22:56	751	0
507365	6/27/2023 10:25	6/27/2023 14:21	236	0
496500	6/27/2023 10:27	6/28/2023 0:28	841	0
1190820	6/27/2023 10:28	6/27/2023 22:43	735	0.76
1309098	6/27/2023 10:29	6/27/2023 11:38	69	0
416557	6/27/2023 10:33	6/27/2023 11:46	73	0
581832	6/27/2023 10:38	6/27/2023 11:47	69	0
325050	6/27/2023 10:39	6/27/2023 11:49	70	0
266906	6/27/2023 10:39	6/28/2023 0:28	829	0.44
793690	6/27/2023 10:44	6/27/2023 11:37	53	0

8668965	6/27/2023 10:45	6/28/2023 0:28	823	0.09
1432509	6/27/2023 10:45	6/27/2023 20:48	603	0
1301093	6/27/2023 10:47	6/28/2023 0:28	821	0.37
7937779	6/27/2023 10:51	6/28/2023 0:28	817	0
793690	6/27/2023 11:37	6/28/2023 0:28	771	0.06
1309098	6/27/2023 11:38	6/27/2023 21:38	600	0.06
1511816	6/27/2023 11:38	6/28/2023 10:00	1341	0
315345	6/27/2023 11:40	6/27/2023 21:38	598	0.43
1702895	6/27/2023 11:41	6/27/2023 21:39	598	0.14
1251782	6/27/2023 11:45	6/28/2023 0:28	763	0
416557	6/27/2023 11:46	6/28/2023 0:28	762	0
581832	6/27/2023 11:47	6/28/2023 0:28	761	0
325050	6/27/2023 11:49	6/28/2023 0:28	759	0
324290	6/27/2023 11:54	6/28/2023 0:28	754	0
1671958	6/27/2023 12:00	6/28/2023 0:28	748	0
6714863	6/27/2023 12:07	6/28/2023 0:28	741	0.23
854579	6/27/2023 12:37	6/28/2023 0:28	711	0
790670	6/27/2023 12:40	6/28/2023 0:28	708	0
1386169	6/27/2023 12:42	6/28/2023 10:00	1277	0
1430553	6/27/2023 13:04	6/28/2023 0:28	684	0.75
455629	6/27/2023 13:06	6/28/2023 0:28	682	0.07
1368745	6/27/2023 13:33	6/28/2023 0:28	655	0
1518241	6/27/2023 13:41	6/27/2023 22:15	514	0
1524033	6/27/2023 13:41	6/28/2023 0:28	647	0
1985687	6/27/2023 13:54	6/28/2023 2:17	743	0
1573666	6/27/2023 13:58	6/28/2023 0:28	630	0
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506261	6/27/2023 14:09	6/28/2023 0:28	619	0
315346	6/27/2023 14:09	6/28/2023 0:28	619	0
301691	6/27/2023 14:12	6/28/2023 0:28	616	0
415949	6/27/2023 14:16	6/28/2023 0:28	612	0
507365	6/27/2023 14:21	6/28/2023 1:30	669	0
323747	6/27/2023 14:23	6/28/2023 0:28	605	0
1417138	6/27/2023 14:23	6/28/2023 0:28	605	0
316997	6/27/2023 14:23	6/28/2023 0:28	605	0.53
801004	6/27/2023 14:24	6/28/2023 0:28	604	0
810130	6/27/2023 14:28	6/28/2023 0:28	600	0
564518	6/27/2023 14:35	6/28/2023 0:28	593	0
500173	6/27/2023 14:37	6/28/2023 0:28	591	0
8590289	6/27/2023 14:37	6/28/2023 0:28	591	0
656628	6/27/2023 14:37	6/28/2023 0:28	591	0
572882	6/27/2023 14:37	6/27/2023 22:41	484	0
324045	6/27/2023 14:39	6/28/2023 0:28	589	0
8387677	6/27/2023 14:42	6/28/2023 10:00	1157	0
49209	6/27/2023 14:46	6/28/2023 0:28	582	0
1464949	6/27/2023 14:48	6/28/2023 0:28	580	0
7415412	6/27/2023 14:50	6/28/2023 0:28	578	0.13

1320619	6/27/2023 14:52	6/27/2023 22:34	462	0
563721	6/27/2023 14:54	6/28/2023 0:28	574	0
572916	6/27/2023 14:55	6/27/2023 22:29	454	0
1299402	6/27/2023 14:59	6/28/2023 0:28	569	0
8621797	6/27/2023 15:00	6/28/2023 0:28	568	0
1395587	6/27/2023 15:02	6/28/2023 0:28	566	0
457729	6/27/2023 15:03	6/28/2023 0:28	565	0
1417279	6/27/2023 15:05	6/28/2023 0:28	563	0
323657	6/27/2023 15:06	6/28/2023 0:28	562	1
8148103	6/27/2023 15:08	6/28/2023 0:28	560	0.78
7879030	6/27/2023 15:10	6/28/2023 0:28	558	0
306565	6/27/2023 15:15	6/28/2023 0:28	553	0
6961293	6/27/2023 15:38	6/28/2023 0:28	530	0
1511251	6/27/2023 15:40	6/28/2023 0:28	528	0
808829	6/27/2023 15:41	6/28/2023 0:28	527	0
1557303	6/27/2023 15:48	6/28/2023 0:28	520	0
1586005	6/27/2023 16:05	6/28/2023 0:28	503	0
859747	6/27/2023 16:12	6/28/2023 0:28	496	0
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8734029	6/27/2023 20:17	6/28/2023 10:00	822	0
1432509	6/27/2023 20:48	6/28/2023 10:00	791	0
315345	6/27/2023 21:38	6/28/2023 10:00	741	0
1309098	6/27/2023 21:38	6/28/2023 10:00	741	0
1702895	6/27/2023 21:39	6/28/2023 10:00	740	0
1518241	6/27/2023 22:15	6/28/2023 10:00	704	0
572916	6/27/2023 22:29	6/28/2023 10:00	690	0
1320619	6/27/2023 22:34	6/28/2023 10:00	685	0
572882	6/27/2023 22:41	6/28/2023 10:00	678	0
1190820	6/27/2023 22:43	6/28/2023 10:00	676	0
265473	6/27/2023 22:56	6/28/2023 10:00	663	0
564518	6/28/2023 0:28	6/28/2023 10:00	571	0
416557	6/28/2023 0:28	6/28/2023 10:00	571	0
1557188	6/28/2023 0:28	6/28/2023 10:00	571	0
1557303	6/28/2023 0:28	6/28/2023 10:00	571	0
808829	6/28/2023 0:28	6/28/2023 10:00	571	0
859747	6/28/2023 0:28	6/28/2023 10:00	571	0
506261	6/28/2023 0:28	6/28/2023 10:00	571	0
1671958	6/28/2023 0:28	6/28/2023 10:00	571	0
455629	6/28/2023 0:28	6/28/2023 10:00	571	0
415949	6/28/2023 0:28	6/28/2023 10:00	571	0
325050	6/28/2023 0:28	6/28/2023 10:00	571	0
1624452	6/28/2023 0:28	6/28/2023 10:00	571	0
1586005	6/28/2023 0:28	6/28/2023 10:00	571	0
49209	6/28/2023 0:28	6/28/2023 10:00	571	0
266906	6/28/2023 0:28	6/28/2023 10:00	571	0
315346	6/28/2023 0:28	6/28/2023 10:00	571	0
1251782	6/28/2023 0:28	6/28/2023 10:00	571	0

1299402	6/28/2023 0:28	6/28/2023 10:00	571	0
323747	6/28/2023 0:28	6/28/2023 10:00	571	0
1368745	6/28/2023 0:28	6/28/2023 10:00	571	0
7415412	6/28/2023 0:28	6/28/2023 10:00	571	0
563721	6/28/2023 0:28	6/28/2023 10:00	571	0
7937779	6/28/2023 0:28	6/28/2023 10:00	571	0
316997	6/28/2023 0:28	6/28/2023 10:00	571	0
299676	6/28/2023 0:28	6/28/2023 10:00	571	0
772378	6/28/2023 0:28	6/28/2023 10:00	571	0
1417138	6/28/2023 0:28	6/28/2023 10:00	571	0
854579	6/28/2023 0:28	6/28/2023 10:00	571	0
6961293	6/28/2023 0:28	6/28/2023 10:00	571	0
457729	6/28/2023 0:28	6/28/2023 10:00	571	0
8621797	6/28/2023 0:28	6/28/2023 10:00	571	0
7879030	6/28/2023 0:28	6/28/2023 10:00	571	0
301691	6/28/2023 0:28	6/28/2023 10:00	571	0
793690	6/28/2023 0:28	6/28/2023 10:00	571	0
1700586	6/28/2023 0:28	6/28/2023 10:00	571	0
810130	6/28/2023 0:28	6/28/2023 10:00	571	0
500173	6/28/2023 0:28	6/28/2023 10:00	571	0
6714863	6/28/2023 0:28	6/28/2023 10:00	571	0
656628	6/28/2023 0:28	6/28/2023 10:00	571	0
324045	6/28/2023 0:28	6/28/2023 10:00	571	0
790670	6/28/2023 0:28	6/28/2023 10:00	571	0
801004	6/28/2023 0:28	6/28/2023 10:00	571	0
1573666	6/28/2023 0:28	6/28/2023 9:39	551	0
1464949	6/28/2023 0:28	6/28/2023 10:00	571	0
1524033	6/28/2023 0:28	6/28/2023 10:00	571	0
1301093	6/28/2023 0:28	6/28/2023 10:00	571	0
581832	6/28/2023 0:28	6/28/2023 10:00	571	0
1511251	6/28/2023 0:28	6/28/2023 10:00	571	0
8148103	6/28/2023 0:28	6/28/2023 10:00	571	0
324290	6/28/2023 0:28	6/28/2023 10:00	571	0
1417279	6/28/2023 0:28	6/28/2023 10:00	571	0
496500	6/28/2023 0:28	6/28/2023 10:00	571	0
1430553	6/28/2023 0:28	6/28/2023 10:00	571	0
581074	6/28/2023 0:28	6/28/2023 10:00	571	0
323657	6/28/2023 0:28	6/28/2023 10:00	571	0
8668965	6/28/2023 0:28	6/28/2023 10:00	571	0
1395587	6/28/2023 0:28	6/28/2023 10:00	571	0
306565	6/28/2023 0:28	6/28/2023 10:00	571	0
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46184	6/28/2023 10:00	6/29/2023 10:00	1439	0

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1671958	6/29/2023 9:58	6/29/2023 10:00	1	0
1671958	6/29/2023 10:00	6/29/2023 14:24	264	0
705447	6/29/2023 10:00	6/30/2023 10:00	1439	0
264186	6/29/2023 10:00	6/30/2023 10:00	1439	0
637185	6/29/2023 10:00	6/30/2023 10:00	1439	0
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1700586	6/29/2023 10:14	6/30/2023 0:28	854	0

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1557303	6/29/2023 10:36	6/29/2023 20:34	598	0.04
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315346	6/29/2023 10:57	6/29/2023 15:04	247	0
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1301093	6/29/2023 10:58	6/30/2023 0:28	810	0
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415949	6/29/2023 11:02	6/30/2023 0:28	806	0
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1557100	6/29/2023 11:05	6/30/2023 0:28	803	0
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656628	6/29/2023 11:13	6/30/2023 0:28	795	0.29
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1390184	6/29/2023 11:37	6/29/2023 21:37	600	0
8668965	6/29/2023 11:39	6/29/2023 14:32	173	0
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323747	6/29/2023 11:53	6/29/2023 14:46	173	0
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8950281	6/29/2023 12:20	6/30/2023 9:15	1255	0

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323657	6/29/2023 14:05	6/29/2023 15:19	74	0.18
6623421	6/29/2023 14:09	6/29/2023 14:30	21	0
324290	6/29/2023 14:10	6/29/2023 15:29	79	0
1321605	6/29/2023 14:16	6/30/2023 0:28	612	0.05
1309098	6/29/2023 14:17	6/29/2023 22:38	501	0.01
301691	6/29/2023 14:18	6/30/2023 0:28	610	0
801004	6/29/2023 14:20	6/30/2023 0:28	608	0
1350598	6/29/2023 14:21	6/30/2023 0:28	607	0
1299402	6/29/2023 14:23	6/30/2023 0:28	605	0
1671958	6/29/2023 14:24	6/30/2023 0:28	604	0
1395587	6/29/2023 14:25	6/30/2023 0:28	603	0
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325050	6/29/2023 14:30	6/30/2023 0:28	598	0
6623421	6/29/2023 14:30	6/30/2023 0:28	598	0
315345	6/29/2023 14:31	6/29/2023 22:45	494	0
1586005	6/29/2023 14:32	6/30/2023 0:28	596	0
8668965	6/29/2023 14:32	6/30/2023 0:28	596	0
572882	6/29/2023 14:32	6/29/2023 22:37	485	0
1190820	6/29/2023 14:33	6/29/2023 22:43	490	0
1320619	6/29/2023 14:33	6/29/2023 14:49	16	0
1503562	6/29/2023 14:36	6/30/2023 0:28	592	0
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587455	6/29/2023 14:40	6/29/2023 22:40	480	0
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504858	6/29/2023 14:58	6/30/2023 0:28	570	0
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265473	6/29/2023 15:00	6/29/2023 22:42	462	0
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315346	6/29/2023 15:04	6/30/2023 0:28	564	0
6961293	6/29/2023 15:04	6/30/2023 0:28	564	0
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1681747	6/29/2023 15:15	6/30/2023 0:28	553	0

455629	6/29/2023 15:15	6/30/2023 0:28	553	0
323657	6/29/2023 15:19	6/30/2023 0:28	549	0
324290	6/29/2023 15:29	6/30/2023 0:28	539	0
808829	6/29/2023 15:35	6/30/2023 0:28	533	0
304345	6/29/2023 16:00	6/30/2023 0:28	508	0
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1576533	6/29/2023 16:24	6/30/2023 0:28	484	0
1417138	6/29/2023 16:28	6/30/2023 0:28	480	0
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1600016	6/29/2023 18:38	6/30/2023 10:00	921	0
1594081	6/29/2023 18:42	6/30/2023 10:00	917	0
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587455	6/29/2023 22:40	6/30/2023 10:00	679	0
511266	6/29/2023 22:42	6/30/2023 10:00	677	0
265473	6/29/2023 22:42	6/30/2023 10:00	677	0
1190820	6/29/2023 22:43	6/30/2023 10:00	676	0
315345	6/29/2023 22:45	6/30/2023 9:51	666	0
301691	6/30/2023 0:28	6/30/2023 10:00	571	0
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324290	6/30/2023 0:28	6/30/2023 10:00	571	0
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49209	6/30/2023 0:28	6/30/2023 10:00	571	0
7533405	6/30/2023 0:28	6/30/2023 10:00	571	0
801004	6/30/2023 0:28	6/30/2023 10:00	571	0
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304345	6/30/2023 0:28	6/30/2023 10:00	571	0
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8734029	6/30/2023 0:28	6/30/2023 10:00	571	0
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1985687	6/30/2023 0:28	6/30/2023 10:00	571	0
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6714863	6/30/2023 0:28	6/30/2023 10:00	571	0
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6961293	6/30/2023 0:28	6/30/2023 10:00	571	0
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1681747	6/30/2023 0:28	6/30/2023 10:00	571	0
6623421	6/30/2023 0:28	6/30/2023 10:00	571	0
504858	6/30/2023 0:28	6/30/2023 10:00	571	0
416557	6/30/2023 0:28	6/30/2023 10:00	571	0
266906	6/30/2023 0:28	6/30/2023 10:00	571	0
8668965	6/30/2023 0:28	6/30/2023 10:00	571	0
1557100	6/30/2023 0:28	6/30/2023 10:00	571	0
415949	6/30/2023 0:28	6/30/2023 10:00	571	0
772378	6/30/2023 0:28	6/30/2023 10:00	571	0
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1368745	6/30/2023 0:28	6/30/2023 10:00	571	0
1576533	6/30/2023 0:28	6/30/2023 10:00	571	0
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791510	6/30/2023 0:28	6/30/2023 10:00	571	0
299676	6/30/2023 0:28	6/30/2023 10:00	571	0
323657	6/30/2023 0:28	6/30/2023 10:00	571	0
1301093	6/30/2023 0:28	6/30/2023 10:00	571	0
793690	6/30/2023 0:28	6/30/2023 10:00	571	0
251248	6/30/2023 0:28	6/30/2023 10:00	571	0
1503562	6/30/2023 0:28	6/30/2023 10:00	571	0
455629	6/30/2023 0:28	6/30/2023 10:00	571	0
1573666	6/30/2023 0:28	6/30/2023 9:31	543	0

7415412	6/30/2023 0:28	6/30/2023 10:00	571	0
500173	6/30/2023 0:28	6/30/2023 10:00	571	0
808829	6/30/2023 0:28	6/30/2023 10:00	571	0
510307	6/30/2023 1:03	6/30/2023 10:00	536	0
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8950281	6/30/2023 9:15	6/30/2023 10:00	44	0
1671958	6/30/2023 9:29	6/30/2023 10:00	30	0
1624452	6/30/2023 9:30	6/30/2023 10:00	29	0
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1430553	6/30/2023 9:33	6/30/2023 10:00	26	0
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315345	6/30/2023 9:51	6/30/2023 10:00	8	0
680322	6/30/2023 9:51	6/30/2023 10:00	8	0
564357	6/30/2023 10:00	7/1/2023 10:00	1439	0
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315346	6/30/2023 10:00	6/30/2023 20:06	606	0
46184	6/30/2023 10:00	7/1/2023 10:00	1439	0
637185	6/30/2023 10:00	7/1/2023 10:00	1439	0
705447	6/30/2023 10:00	7/1/2023 10:00	1439	0
1671958	6/30/2023 10:00	7/1/2023 10:00	1439	0
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264186	6/30/2023 10:00	7/1/2023 10:00	1439	0
324290	6/30/2023 10:07	6/30/2023 20:06	599	0.19
1309098	6/30/2023 10:10	6/30/2023 20:18	608	0.28
6714863	6/30/2023 10:10	7/1/2023 0:28	858	0
7937779	6/30/2023 10:12	6/30/2023 20:16	604	0
1700586	6/30/2023 10:12	6/30/2023 20:13	601	0
6761269	6/30/2023 10:14	7/1/2023 0:28	854	0
1251782	6/30/2023 10:16	6/30/2023 20:16	600	0
265473	6/30/2023 10:20	6/30/2023 20:19	599	0
507365	6/30/2023 10:21	6/30/2023 20:23	602	0
1190820	6/30/2023 10:23	6/30/2023 20:23	600	0.09
299676	6/30/2023 10:24	6/30/2023 20:24	600	0
8734029	6/30/2023 10:24	6/30/2023 20:28	604	0
1586005	6/30/2023 10:24	6/30/2023 20:25	601	0
415949	6/30/2023 10:29	6/30/2023 20:27	598	0
500173	6/30/2023 10:34	7/1/2023 0:28	834	0.86
8668965	6/30/2023 10:38	6/30/2023 20:39	601	0
801004	6/30/2023 10:38	6/30/2023 20:38	600	0
49209	6/30/2023 10:44	7/1/2023 0:28	824	0
416557	6/30/2023 10:45	7/1/2023 0:28	823	0
572882	6/30/2023 10:47	6/30/2023 20:47	600	0.19
266906	6/30/2023 10:48	7/1/2023 0:28	820	0.1
325050	6/30/2023 10:49	7/1/2023 0:28	819	0
772378	6/30/2023 10:52	6/30/2023 20:49	597	0
6503956	6/30/2023 10:53	6/30/2023 20:50	597	0.04
1301093	6/30/2023 10:59	7/1/2023 0:28	809	0.16

583848	6/30/2023 11:00	7/1/2023 0:28	808	0
1681747	6/30/2023 11:05	7/1/2023 0:28	803	0
581074	6/30/2023 11:05	6/30/2023 21:03	598	0
496500	6/30/2023 11:05	7/1/2023 0:28	803	0
1320619	6/30/2023 11:06	6/30/2023 11:12	6	0
656628	6/30/2023 11:10	6/30/2023 21:09	599	0.16
810130	6/30/2023 11:11	6/30/2023 21:10	599	0
1320619	6/30/2023 11:12	6/30/2023 11:59	47	0
1576533	6/30/2023 11:13	7/1/2023 0:28	795	0.2
7533405	6/30/2023 11:14	6/30/2023 20:14	540	0.09
7415412	6/30/2023 11:18	7/1/2023 0:28	790	0
309944	6/30/2023 11:20	7/1/2023 0:28	788	0
1321605	6/30/2023 11:21	7/1/2023 0:28	787	0.12
281237	6/30/2023 11:22	7/1/2023 0:28	786	0.31
808829	6/30/2023 11:27	6/30/2023 21:27	600	0
581832	6/30/2023 11:32	7/1/2023 0:28	776	0
1557303	6/30/2023 11:32	7/1/2023 0:28	776	0.24
1386169	6/30/2023 11:42	7/1/2023 0:28	766	0.04
1557188	6/30/2023 11:50	7/1/2023 0:28	758	0
301691	6/30/2023 11:57	7/1/2023 0:28	751	0
1320619	6/30/2023 11:59	7/1/2023 10:00	1320	0
1368745	6/30/2023 12:31	7/1/2023 10:00	1288	0
9060925	6/30/2023 13:05	7/1/2023 0:28	683	0
8621797	6/30/2023 13:15	7/1/2023 10:00	1244	0
1518241	6/30/2023 13:59	7/1/2023 0:28	629	0
7879030	6/30/2023 14:13	7/1/2023 0:28	615	0
587455	6/30/2023 14:28	6/30/2023 22:38	490	0
1514000	6/30/2023 14:32	7/1/2023 0:28	596	0
121748	6/30/2023 14:35	7/1/2023 0:28	593	0
455629	6/30/2023 14:37	7/1/2023 0:28	591	0
304345	6/30/2023 14:44	7/1/2023 0:28	584	0
1464949	6/30/2023 14:47	7/1/2023 0:28	581	0
1557100	6/30/2023 14:48	7/1/2023 0:28	580	0
306565	6/30/2023 14:57	7/1/2023 0:28	571	0
1407947	6/30/2023 14:58	7/1/2023 0:28	570	0
160073	6/30/2023 14:59	7/1/2023 0:28	569	0
8564413	6/30/2023 15:00	7/1/2023 0:28	568	0
1394011	6/30/2023 15:18	7/1/2023 0:28	550	0
324045	6/30/2023 15:22	7/1/2023 0:28	546	0
307661	6/30/2023 15:29	7/1/2023 0:28	539	0
323747	6/30/2023 15:34	7/1/2023 0:28	534	0
323657	6/30/2023 15:49	6/30/2023 17:28	99	0.16
457729	6/30/2023 16:05	7/1/2023 0:28	503	0
1511251	6/30/2023 16:10	7/1/2023 10:00	1069	0
1985687	6/30/2023 16:26	7/1/2023 0:28	482	0
593397	6/30/2023 17:18	6/30/2023 22:33	315	0
486693	6/30/2023 17:20	7/1/2023 0:28	428	0

323657	6/30/2023 17:28	7/1/2023 10:00	991	0
593366	6/30/2023 17:30	7/1/2023 0:28	418	0
8104722	6/30/2023 18:38	7/1/2023 10:00	921	0
315752	6/30/2023 18:41	7/1/2023 10:00	918	0
682087	6/30/2023 18:41	7/1/2023 10:00	918	0
324290	6/30/2023 20:06	7/1/2023 9:50	824	0
315346	6/30/2023 20:06	7/1/2023 10:00	833	0
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1251782	6/30/2023 20:16	7/1/2023 10:00	823	0
1309098	6/30/2023 20:18	7/1/2023 10:00	821	0
265473	6/30/2023 20:19	7/1/2023 10:00	820	0
507365	6/30/2023 20:23	7/1/2023 10:00	816	0
1190820	6/30/2023 20:23	7/1/2023 10:00	816	0
299676	6/30/2023 20:24	7/1/2023 10:00	815	0
1586005	6/30/2023 20:25	7/1/2023 10:00	814	0
415949	6/30/2023 20:27	7/1/2023 10:00	812	0
8734029	6/30/2023 20:28	7/1/2023 10:00	811	0
801004	6/30/2023 20:38	7/1/2023 10:00	801	0
8668965	6/30/2023 20:39	7/1/2023 10:00	800	0
572882	6/30/2023 20:47	7/1/2023 10:00	792	0
772378	6/30/2023 20:49	7/1/2023 10:00	790	0
6503956	6/30/2023 20:50	7/1/2023 10:00	789	0
581074	6/30/2023 21:03	7/1/2023 10:00	776	0
656628	6/30/2023 21:09	7/1/2023 10:00	770	0
810130	6/30/2023 21:10	7/1/2023 10:00	769	0
808829	6/30/2023 21:27	7/1/2023 10:00	752	0
593397	6/30/2023 22:33	7/1/2023 10:00	686	0
587455	6/30/2023 22:38	7/1/2023 10:00	681	0
416557	7/1/2023 0:28	7/1/2023 10:00	571	0
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1576533	7/1/2023 0:28	7/1/2023 10:00	571	0
457729	7/1/2023 0:28	7/1/2023 10:00	571	0
1514000	7/1/2023 0:28	7/1/2023 10:00	571	0
1301093	7/1/2023 0:28	7/1/2023 10:00	571	0
1518241	7/1/2023 0:28	7/1/2023 9:40	552	0
496500	7/1/2023 0:28	7/1/2023 10:00	571	0
1407947	7/1/2023 0:28	7/1/2023 10:00	571	0
307661	7/1/2023 0:28	7/1/2023 10:00	571	0
7533405	7/1/2023 0:28	7/1/2023 10:00	571	0
323747	7/1/2023 0:28	7/1/2023 10:00	571	0
583848	7/1/2023 0:28	7/1/2023 10:00	571	0
581832	7/1/2023 0:28	7/1/2023 10:00	571	0
9060925	7/1/2023 0:28	7/1/2023 10:00	571	0
6761269	7/1/2023 0:28	7/1/2023 10:00	571	0
7415412	7/1/2023 0:28	7/1/2023 10:00	571	0

8564413	7/1/2023 0:28	7/1/2023 10:00	571	0
49209	7/1/2023 0:28	7/1/2023 10:00	571	0
1557100	7/1/2023 0:28	7/1/2023 10:00	571	0
1557188	7/1/2023 0:28	7/1/2023 10:00	571	0
7879030	7/1/2023 0:28	7/1/2023 10:00	571	0
266906	7/1/2023 0:28	7/1/2023 10:00	571	0
1386169	7/1/2023 0:28	7/1/2023 10:00	571	0
500173	7/1/2023 0:28	7/1/2023 10:00	571	0
1681747	7/1/2023 0:28	7/1/2023 10:00	571	0
486693	7/1/2023 0:28	7/1/2023 8:35	487	0
1321605	7/1/2023 0:28	7/1/2023 9:22	534	0
1394011	7/1/2023 0:28	7/1/2023 10:00	571	0
455629	7/1/2023 0:28	7/1/2023 10:00	571	0
304345	7/1/2023 0:28	7/1/2023 10:00	571	0
306565	7/1/2023 0:28	7/1/2023 10:00	571	0
301691	7/1/2023 0:28	7/1/2023 10:00	571	0
1985687	7/1/2023 0:28	7/1/2023 10:00	571	0
121748	7/1/2023 0:28	7/1/2023 10:00	571	0
1464949	7/1/2023 0:28	7/1/2023 10:00	571	0
1557303	7/1/2023 0:28	7/1/2023 10:00	571	0
325050	7/1/2023 0:28	7/1/2023 9:04	516	0
6714863	7/1/2023 0:28	7/1/2023 10:00	571	0
281237	7/1/2023 0:28	7/1/2023 10:00	571	0
324045	7/1/2023 0:28	7/1/2023 10:00	571	0
593366	7/1/2023 0:28	7/1/2023 10:00	571	0
160073	7/1/2023 0:28	7/1/2023 10:00	571	0
486693	7/1/2023 8:35	7/1/2023 10:00	84	0
325050	7/1/2023 9:04	7/1/2023 10:00	55	0
1321605	7/1/2023 9:22	7/1/2023 10:00	37	0
1272457	7/1/2023 9:31	7/1/2023 10:00	28	0
1430553	7/1/2023 9:34	7/1/2023 10:00	25	0
1518241	7/1/2023 9:40	7/1/2023 10:00	19	0
324290	7/1/2023 9:50	7/1/2023 10:00	9	0
793638	7/1/2023 9:52	7/1/2023 10:00	7	0
264186	7/1/2023 10:00	7/2/2023 10:00	1439	0
772378	7/1/2023 10:00	7/1/2023 20:35	635	0
564357	7/1/2023 10:00	7/2/2023 10:00	1439	0
1681747	7/1/2023 10:00	7/2/2023 0:28	868	0
705447	7/1/2023 10:00	7/2/2023 10:00	1439	0
46184	7/1/2023 10:00	7/2/2023 10:00	1439	0
637185	7/1/2023 10:00	7/2/2023 10:00	1439	0
496500	7/1/2023 10:07	7/2/2023 0:28	861	0
1309098	7/1/2023 10:09	7/1/2023 20:07	598	0
1586005	7/1/2023 10:09	7/1/2023 20:08	599	0
1386169	7/1/2023 10:09	7/1/2023 20:11	602	0.47
1700586	7/1/2023 10:12	7/1/2023 20:16	604	0
1518241	7/1/2023 10:12	7/1/2023 20:15	603	0

7533405	7/1/2023 10:14	7/1/2023 20:17	603	0.11
1251782	7/1/2023 10:15	7/1/2023 20:16	601	0
1464949	7/1/2023 10:18	7/1/2023 20:22	604	0
265473	7/1/2023 10:19	7/1/2023 20:17	598	0
500173	7/1/2023 10:22	7/2/2023 0:28	846	0
791510	7/1/2023 10:23	7/2/2023 0:28	845	0
581074	7/1/2023 10:23	7/1/2023 20:21	598	0
583848	7/1/2023 10:29	7/1/2023 20:27	598	0.04
581832	7/1/2023 10:34	7/2/2023 0:28	834	0
1511251	7/1/2023 10:39	7/1/2023 20:37	598	0
561757	7/1/2023 10:39	7/2/2023 10:00	1400	0
558031	7/1/2023 10:39	7/2/2023 10:00	1400	0
793690	7/1/2023 10:40	7/2/2023 0:28	828	0.08
1190820	7/1/2023 10:41	7/1/2023 20:42	601	0.09
416557	7/1/2023 10:43	7/2/2023 0:28	825	0
1556602	7/1/2023 10:46	7/1/2023 14:32	226	0
572882	7/1/2023 10:47	7/1/2023 20:51	604	0.34
563721	7/1/2023 10:48	7/1/2023 20:47	599	0
1557303	7/1/2023 10:48	7/1/2023 20:47	599	0.08
1417138	7/1/2023 10:49	7/2/2023 0:28	819	0
323747	7/1/2023 10:50	7/1/2023 20:48	598	0
1511264	7/1/2023 10:56	7/2/2023 0:28	812	0
1514004	7/1/2023 11:00	7/1/2023 21:04	604	0
1320619	7/1/2023 11:05	7/1/2023 20:53	588	0
1557100	7/1/2023 11:06	7/1/2023 21:04	598	0
656628	7/1/2023 11:08	7/1/2023 21:09	601	0.07
381338	7/1/2023 11:09	7/1/2023 11:15	6	0
160073	7/1/2023 11:13	7/2/2023 0:28	795	0
381338	7/1/2023 11:15	7/1/2023 21:12	597	0
7415412	7/1/2023 11:18	7/2/2023 0:28	790	0
299676	7/1/2023 11:24	7/2/2023 0:28	784	0
810130	7/1/2023 11:25	7/1/2023 21:28	603	0
872542	7/1/2023 11:37	7/2/2023 10:00	1342	0
801004	7/1/2023 11:37	7/1/2023 21:38	601	0
6714863	7/1/2023 11:40	7/2/2023 0:28	768	0
808829	7/1/2023 11:43	7/1/2023 21:41	598	0
323657	7/1/2023 11:50	7/2/2023 0:28	758	0.04
9063373	7/1/2023 12:02	7/2/2023 0:28	746	0
1624452	7/1/2023 13:01	7/2/2023 0:28	687	0
1557188	7/1/2023 13:06	7/2/2023 0:28	682	0
301691	7/1/2023 13:57	7/2/2023 0:28	631	0
2032900	7/1/2023 14:08	7/1/2023 21:50	462	0
1671958	7/1/2023 14:14	7/2/2023 0:28	614	0
324045	7/1/2023 14:21	7/2/2023 0:28	607	0
8668965	7/1/2023 14:25	7/2/2023 0:28	603	0
415949	7/1/2023 14:29	7/2/2023 0:28	599	0
1556602	7/1/2023 14:32	7/2/2023 0:28	596	0

507365	7/1/2023 14:39	7/2/2023 0:28	589	0
1321750	7/1/2023 14:39	7/1/2023 22:21	462	0
1301093	7/1/2023 14:46	7/2/2023 0:28	582	0
1556919	7/1/2023 14:46	7/2/2023 0:28	582	0
9060925	7/1/2023 14:47	7/2/2023 0:28	581	0
6503956	7/1/2023 14:52	7/2/2023 0:28	576	0
790670	7/1/2023 15:09	7/1/2023 22:18	429	0
859747	7/1/2023 15:35	7/2/2023 0:28	533	0
304345	7/1/2023 15:46	7/2/2023 0:28	522	0
6961293	7/1/2023 15:53	7/2/2023 0:28	515	0
8621797	7/1/2023 15:58	7/2/2023 0:28	510	0
593397	7/1/2023 17:28	7/2/2023 0:28	420	0
51483	7/1/2023 17:34	7/2/2023 0:28	414	0
1560301	7/1/2023 17:34	7/2/2023 0:28	414	0
593366	7/1/2023 17:43	7/2/2023 0:28	405	0
1309098	7/1/2023 20:07	7/2/2023 10:00	832	0
1586005	7/1/2023 20:08	7/2/2023 10:00	831	0
1386169	7/1/2023 20:11	7/2/2023 10:00	828	0
1518241	7/1/2023 20:15	7/2/2023 10:00	824	0
1700586	7/1/2023 20:16	7/2/2023 10:00	823	0
1251782	7/1/2023 20:16	7/2/2023 10:00	823	0
7533405	7/1/2023 20:17	7/2/2023 10:00	822	0
265473	7/1/2023 20:17	7/2/2023 10:00	822	0
581074	7/1/2023 20:21	7/2/2023 10:00	818	0
1464949	7/1/2023 20:22	7/2/2023 10:00	817	0
583848	7/1/2023 20:27	7/2/2023 10:00	812	0
772378	7/1/2023 20:35	7/2/2023 10:00	804	0
1511251	7/1/2023 20:37	7/2/2023 10:00	802	0
1190820	7/1/2023 20:42	7/2/2023 10:00	797	0
563721	7/1/2023 20:47	7/2/2023 10:00	792	0
1557303	7/1/2023 20:47	7/2/2023 10:00	792	0
323747	7/1/2023 20:48	7/2/2023 10:00	791	0
572882	7/1/2023 20:51	7/2/2023 10:00	788	0
1320619	7/1/2023 20:53	7/2/2023 10:00	786	0
1514004	7/1/2023 21:04	7/2/2023 10:00	775	0
1557100	7/1/2023 21:04	7/2/2023 10:00	775	0
656628	7/1/2023 21:09	7/2/2023 10:00	770	0
381338	7/1/2023 21:12	7/2/2023 10:00	767	0
810130	7/1/2023 21:28	7/2/2023 10:00	751	0
801004	7/1/2023 21:38	7/2/2023 10:00	741	0
808829	7/1/2023 21:41	7/2/2023 10:00	738	0
2032900	7/1/2023 21:50	7/2/2023 10:00	729	0
790670	7/1/2023 22:18	7/2/2023 10:00	701	0
1321750	7/1/2023 22:21	7/2/2023 10:00	698	0
323657	7/2/2023 0:28	7/2/2023 10:00	571	0
324045	7/2/2023 0:28	7/2/2023 10:00	571	0
1671958	7/2/2023 0:28	7/2/2023 10:00	571	0

793690	7/2/2023 0:28	7/2/2023 10:00	571	0
859747	7/2/2023 0:28	7/2/2023 10:00	571	0
1560301	7/2/2023 0:28	7/2/2023 10:00	571	0
9060925	7/2/2023 0:28	7/2/2023 10:00	571	0
1301093	7/2/2023 0:28	7/2/2023 10:00	571	0
791510	7/2/2023 0:28	7/2/2023 10:00	571	0
6503956	7/2/2023 0:28	7/2/2023 10:00	571	0
1417138	7/2/2023 0:28	7/2/2023 9:40	552	0
9063373	7/2/2023 0:28	7/2/2023 10:00	571	0
160073	7/2/2023 0:28	7/2/2023 10:00	571	0
593397	7/2/2023 0:28	7/2/2023 8:15	467	0
304345	7/2/2023 0:28	7/2/2023 10:00	571	0
1556919	7/2/2023 0:28	7/2/2023 10:00	571	0
1681747	7/2/2023 0:28	7/2/2023 10:00	571	0
8621797	7/2/2023 0:28	7/2/2023 10:00	571	0
1624452	7/2/2023 0:28	7/2/2023 10:00	571	0
1511264	7/2/2023 0:28	7/2/2023 10:00	571	0
6961293	7/2/2023 0:28	7/2/2023 10:00	571	0
51483	7/2/2023 0:28	7/2/2023 10:00	571	0
507365	7/2/2023 0:28	7/2/2023 10:00	571	0
1557188	7/2/2023 0:28	7/2/2023 10:00	571	0
593366	7/2/2023 0:28	7/2/2023 8:29	481	0
1556602	7/2/2023 0:28	7/2/2023 10:00	571	0
8668965	7/2/2023 0:28	7/2/2023 10:00	571	0
500173	7/2/2023 0:28	7/2/2023 10:00	571	0
415949	7/2/2023 0:28	7/2/2023 10:00	571	0
301691	7/2/2023 0:28	7/2/2023 10:00	571	0
416557	7/2/2023 0:28	7/2/2023 10:00	571	0
6714863	7/2/2023 0:28	7/2/2023 10:00	571	0
496500	7/2/2023 0:28	7/2/2023 10:00	571	0
581832	7/2/2023 0:28	7/2/2023 10:00	571	0
299676	7/2/2023 0:28	7/2/2023 10:00	571	0
7415412	7/2/2023 0:28	7/2/2023 10:00	571	0
593397	7/2/2023 8:15	7/2/2023 10:00	104	0
593366	7/2/2023 8:29	7/2/2023 10:00	90	0
1321605	7/2/2023 9:15	7/2/2023 10:00	44	0
1430553	7/2/2023 9:32	7/2/2023 10:00	27	0
1417138	7/2/2023 9:40	7/2/2023 10:00	19	0
7937779	7/2/2023 9:59	7/2/2023 10:00	0	0
772378	7/2/2023 10:00	7/2/2023 20:07	607	0
46184	7/2/2023 10:00	7/3/2023 10:00	1439	0
564357	7/2/2023 10:00	7/3/2023 10:00	1439	0
8621797	7/2/2023 10:00	7/2/2023 20:06	606	0
637185	7/2/2023 10:00	7/3/2023 10:00	1439	0
264186	7/2/2023 10:00	7/3/2023 10:00	1439	0
705447	7/2/2023 10:00	7/3/2023 10:00	1439	0
1556602	7/2/2023 10:00	7/2/2023 20:02	602	0

1576533	7/2/2023 10:01	7/3/2023 10:00	1438	0
1417138	7/2/2023 10:01	7/3/2023 10:00	1438	0
1309098	7/2/2023 10:09	7/2/2023 20:07	598	0.09
1386169	7/2/2023 10:13	7/2/2023 20:11	598	0.04
1586005	7/2/2023 10:14	7/2/2023 20:12	598	0
1700586	7/2/2023 10:16	7/2/2023 20:19	603	0
7533405	7/2/2023 10:17	7/3/2023 0:28	851	0
500173	7/2/2023 10:21	7/3/2023 0:28	847	1.88
1464949	7/2/2023 10:22	7/2/2023 20:21	599	0
1190820	7/2/2023 10:24	7/2/2023 20:24	600	0.12
160073	7/2/2023 10:28	7/3/2023 0:28	840	0
265473	7/2/2023 10:32	7/2/2023 20:36	604	0
1556919	7/2/2023 10:33	7/2/2023 20:32	599	0
583848	7/2/2023 10:43	7/3/2023 0:28	825	0
416557	7/2/2023 10:43	7/3/2023 0:28	825	0
9063373	7/2/2023 10:50	7/2/2023 20:48	598	0
266906	7/2/2023 10:51	7/3/2023 0:28	817	0.15
572882	7/2/2023 10:51	7/2/2023 20:49	598	0.29
801004	7/2/2023 10:51	7/2/2023 20:56	605	0
1518241	7/2/2023 10:58	7/2/2023 20:57	599	0
415949	7/2/2023 11:02	7/2/2023 21:01	599	0
1320619	7/2/2023 11:04	7/2/2023 15:36	272	0
330528	7/2/2023 11:04	7/3/2023 0:28	804	0
1434359	7/2/2023 11:04	7/2/2023 21:08	604	0
656628	7/2/2023 11:10	7/2/2023 21:11	601	0.44
496500	7/2/2023 11:19	7/3/2023 0:28	789	0.2
581832	7/2/2023 11:19	7/3/2023 0:28	789	0
301691	7/2/2023 11:26	7/3/2023 0:32	786	0
2032900	7/2/2023 11:29	7/2/2023 13:30	121	0.28
1671958	7/2/2023 11:30	7/3/2023 0:28	778	0.19
1251782	7/2/2023 11:31	7/3/2023 0:28	777	0
581074	7/2/2023 11:34	7/3/2023 0:28	774	0
51483	7/2/2023 12:17	7/3/2023 0:28	731	0
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1557188	7/2/2023 12:49	7/2/2023 15:47	178	0
1557303	7/2/2023 13:03	7/3/2023 0:28	685	0
1368745	7/2/2023 13:05	7/3/2023 0:28	683	0
806370	7/2/2023 13:09	7/3/2023 0:28	679	0
325050	7/2/2023 13:24	7/3/2023 10:00	1235	0
2032900	7/2/2023 13:30	7/3/2023 0:28	658	0
304345	7/2/2023 13:51	7/3/2023 0:28	637	0
306565	7/2/2023 14:01	7/2/2023 14:48	47	0
7415412	7/2/2023 14:03	7/3/2023 0:28	625	0.02
307661	7/2/2023 14:06	7/3/2023 0:28	622	0
49209	7/2/2023 14:16	7/3/2023 0:28	612	0
8950281	7/2/2023 14:20	7/3/2023 0:28	608	0
1985687	7/2/2023 14:23	7/3/2023 2:03	700	0

8668965	7/2/2023 14:23	7/3/2023 0:28	605	0
321310	7/2/2023 14:24	7/3/2023 0:28	604	0
8564413	7/2/2023 14:29	7/3/2023 0:28	599	0
1624452	7/2/2023 14:31	7/3/2023 0:28	597	0
5212517	7/2/2023 14:35	7/2/2023 22:40	485	0
1511251	7/2/2023 14:39	7/3/2023 0:28	589	0
6503956	7/2/2023 14:39	7/3/2023 0:28	589	0
8734029	7/2/2023 14:41	7/3/2023 0:28	587	0
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48217	7/2/2023 14:48	7/3/2023 0:28	580	0
9060925	7/2/2023 14:51	7/3/2023 0:28	577	0
535717	7/2/2023 14:55	7/3/2023 0:28	573	0.06
1511264	7/2/2023 14:56	7/3/2023 0:28	572	0
1432509	7/2/2023 14:58	7/3/2023 0:28	570	0
1320619	7/2/2023 15:36	7/3/2023 10:00	1103	0
6761269	7/2/2023 15:42	7/3/2023 0:28	526	0
1321750	7/2/2023 15:47	7/2/2023 22:26	399	0
1557188	7/2/2023 15:47	7/3/2023 0:28	521	0
859747	7/2/2023 15:49	7/3/2023 0:28	519	0
315484	7/2/2023 16:07	7/3/2023 0:28	501	0
808829	7/2/2023 16:14	7/3/2023 0:28	494	0
323747	7/2/2023 16:24	7/3/2023 0:28	484	0
1556602	7/2/2023 20:02	7/3/2023 10:00	837	0
8621797	7/2/2023 20:06	7/3/2023 10:00	833	0
1309098	7/2/2023 20:07	7/3/2023 9:52	825	0.02
772378	7/2/2023 20:07	7/3/2023 10:00	832	0
1386169	7/2/2023 20:11	7/3/2023 10:00	828	0
1586005	7/2/2023 20:12	7/3/2023 10:00	827	0
1700586	7/2/2023 20:19	7/3/2023 10:00	820	0
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1190820	7/2/2023 20:24	7/3/2023 10:00	815	0
1556919	7/2/2023 20:32	7/3/2023 10:00	807	0
265473	7/2/2023 20:36	7/3/2023 10:00	803	0
9063373	7/2/2023 20:48	7/3/2023 10:00	791	0
572882	7/2/2023 20:49	7/3/2023 10:00	790	0
801004	7/2/2023 20:56	7/3/2023 10:00	783	0
1518241	7/2/2023 20:57	7/3/2023 8:46	709	0
415949	7/2/2023 21:01	7/3/2023 10:00	778	0
1434359	7/2/2023 21:08	7/3/2023 10:00	771	0
656628	7/2/2023 21:11	7/3/2023 10:00	768	0
1321750	7/2/2023 22:26	7/3/2023 10:00	693	0
5212517	7/2/2023 22:40	7/3/2023 10:00	679	0
307661	7/3/2023 0:28	7/3/2023 10:00	571	0
1557303	7/3/2023 0:28	7/3/2023 10:00	571	0
535717	7/3/2023 0:28	7/3/2023 10:00	571	0
1557188	7/3/2023 0:28	7/3/2023 10:00	571	0

8668965	7/3/2023 0:28	7/3/2023 10:00	571	0
266906	7/3/2023 0:28	7/3/2023 10:00	571	0
160073	7/3/2023 0:28	7/3/2023 10:00	571	0
48217	7/3/2023 0:28	7/3/2023 10:00	571	0
321310	7/3/2023 0:28	7/3/2023 10:00	571	0
8564413	7/3/2023 0:28	7/3/2023 10:00	571	0
581832	7/3/2023 0:28	7/3/2023 10:00	571	0
416557	7/3/2023 0:28	7/3/2023 10:00	571	0
808829	7/3/2023 0:28	7/3/2023 10:00	571	0
2032900	7/3/2023 0:28	7/3/2023 10:00	571	0
7415412	7/3/2023 0:28	7/3/2023 10:00	571	0
1251782	7/3/2023 0:28	7/3/2023 10:00	571	0
6503956	7/3/2023 0:28	7/3/2023 10:00	571	0
8950281	7/3/2023 0:28	7/3/2023 10:00	571	0
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1671958	7/3/2023 0:28	7/3/2023 10:00	571	0
500173	7/3/2023 0:28	7/3/2023 10:00	571	0
315484	7/3/2023 0:28	7/3/2023 10:00	571	0
1511251	7/3/2023 0:28	7/3/2023 10:00	571	0
1511264	7/3/2023 0:28	7/3/2023 10:00	571	0
806370	7/3/2023 0:28	7/3/2023 10:00	571	0
8734029	7/3/2023 0:28	7/3/2023 10:00	571	0
6761269	7/3/2023 0:28	7/3/2023 10:00	571	0
330528	7/3/2023 0:28	7/3/2023 10:00	571	0
49209	7/3/2023 0:28	7/3/2023 10:00	571	0
51483	7/3/2023 0:28	7/3/2023 9:02	514	0
817825	7/3/2023 0:28	7/3/2023 10:00	571	0
7533405	7/3/2023 0:28	7/3/2023 10:00	571	0
1432509	7/3/2023 0:28	7/3/2023 10:00	571	0
1368745	7/3/2023 0:28	7/3/2023 10:00	571	0
583848	7/3/2023 0:28	7/3/2023 10:00	571	0
496500	7/3/2023 0:28	7/3/2023 10:00	571	0
304345	7/3/2023 0:28	7/3/2023 10:00	571	0
581074	7/3/2023 0:28	7/3/2023 10:00	571	0
859747	7/3/2023 0:28	7/3/2023 10:00	571	0
9060925	7/3/2023 0:28	7/3/2023 10:00	571	0
1624452	7/3/2023 0:28	7/3/2023 9:33	545	0
301691	7/3/2023 0:32	7/3/2023 10:00	567	0
1985687	7/3/2023 2:03	7/3/2023 10:00	476	0
593397	7/3/2023 8:15	7/3/2023 10:00	104	0
593366	7/3/2023 8:31	7/3/2023 10:00	88	0
486693	7/3/2023 8:36	7/3/2023 10:00	83	0
1518241	7/3/2023 8:46	7/3/2023 10:00	73	0
51483	7/3/2023 9:02	7/3/2023 10:00	57	0
1321605	7/3/2023 9:20	7/3/2023 10:00	39	0
1272457	7/3/2023 9:28	7/3/2023 10:00	31	0

1430553	7/3/2023 9:31	7/3/2023 10:00	28	0
1624452	7/3/2023 9:33	7/3/2023 10:00	26	0
1309098	7/3/2023 9:52	7/3/2023 10:00	7	0.02
315346	7/3/2023 9:54	7/3/2023 10:00	5	0
46184	7/3/2023 10:00	7/4/2023 10:00	1439	0
564357	7/3/2023 10:00	7/4/2023 10:00	1439	0
496500	7/3/2023 10:00	7/4/2023 0:28	868	0
705447	7/3/2023 10:00	7/4/2023 10:00	1439	0
264186	7/3/2023 10:00	7/4/2023 10:00	1439	0
637185	7/3/2023 10:00	7/4/2023 10:00	1439	0
615200	7/3/2023 10:06	7/3/2023 20:04	598	0
1586005	7/3/2023 10:07	7/3/2023 20:09	602	0
6714863	7/3/2023 10:07	7/4/2023 0:28	861	0
1524033	7/3/2023 10:09	7/4/2023 0:28	859	0.17
324290	7/3/2023 10:09	7/3/2023 20:07	598	0.01
808829	7/3/2023 10:12	7/3/2023 20:10	598	0
8734029	7/3/2023 10:13	7/3/2023 20:11	598	0
1700586	7/3/2023 10:14	7/3/2023 20:12	598	0.48
306565	7/3/2023 10:15	7/3/2023 20:13	598	0
1671958	7/3/2023 10:16	7/4/2023 0:28	852	0.07
1557303	7/3/2023 10:17	7/4/2023 0:28	851	0.17
581074	7/3/2023 10:18	7/3/2023 20:17	599	0
1557188	7/3/2023 10:21	7/4/2023 0:28	847	0
1220897	7/3/2023 10:22	7/4/2023 0:28	846	0
790670	7/3/2023 10:22	7/3/2023 20:26	604	0.09
801004	7/3/2023 10:23	7/3/2023 20:26	603	0
772378	7/3/2023 10:23	7/3/2023 20:22	599	0
810130	7/3/2023 10:25	7/3/2023 20:28	603	0
7533405	7/3/2023 10:26	7/4/2023 0:28	842	0.78
1556602	7/3/2023 10:34	7/3/2023 20:32	598	0
500173	7/3/2023 10:36	7/4/2023 0:28	832	2.1
793690	7/3/2023 10:38	7/4/2023 0:28	830	0.58
325050	7/3/2023 10:38	7/4/2023 0:28	830	0
1190820	7/3/2023 10:39	7/3/2023 20:40	601	1.08
299676	7/3/2023 10:39	7/4/2023 0:28	829	0
265473	7/3/2023 10:46	7/3/2023 20:50	604	0
416557	7/3/2023 10:46	7/4/2023 0:28	822	0
581832	7/3/2023 10:49	7/4/2023 0:28	819	0
572882	7/3/2023 10:49	7/3/2023 20:48	599	0.84
8668965	7/3/2023 10:51	7/3/2023 20:49	598	0.14
1511251	7/3/2023 10:51	7/3/2023 20:55	604	0
1386169	7/3/2023 10:53	7/3/2023 20:58	605	5.38
563721	7/3/2023 11:02	7/3/2023 21:00	598	0.13
9063373	7/3/2023 11:03	7/3/2023 21:02	599	0
1556919	7/3/2023 11:03	7/3/2023 21:02	599	0.08
1320619	7/3/2023 11:05	7/3/2023 11:42	37	0
8950281	7/3/2023 11:05	7/4/2023 0:28	803	0

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6503956	7/3/2023 11:09	7/4/2023 0:28	799	0
1503562	7/3/2023 11:11	7/3/2023 21:10	599	0.77
583848	7/3/2023 11:13	7/4/2023 0:28	795	0.06
307661	7/3/2023 11:13	7/4/2023 0:28	795	0.81
1432509	7/3/2023 11:14	7/4/2023 0:28	794	0
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1557100	7/3/2023 11:18	7/4/2023 10:00	1361	0
656628	7/3/2023 11:26	7/3/2023 21:25	599	0.46
6761269	7/3/2023 11:29	7/4/2023 0:28	779	0
1464949	7/3/2023 11:34	7/4/2023 0:28	774	0
1299402	7/3/2023 11:39	7/3/2023 11:55	16	0
301691	7/3/2023 11:40	7/4/2023 0:28	768	0
7879030	7/3/2023 11:42	7/4/2023 0:28	766	0
1320619	7/3/2023 11:42	7/4/2023 10:00	1337	0
1985687	7/3/2023 11:45	7/4/2023 0:28	763	0
1299402	7/3/2023 11:55	7/4/2023 0:28	753	0.03
304345	7/3/2023 12:12	7/4/2023 0:28	736	0
1525793	7/3/2023 12:16	7/4/2023 0:28	732	0
160073	7/3/2023 12:55	7/4/2023 0:28	693	0
323747	7/3/2023 13:39	7/4/2023 0:28	649	0
1518502	7/3/2023 13:43	7/4/2023 0:28	645	0
8621797	7/3/2023 13:58	7/4/2023 10:00	1201	0
456099	7/3/2023 14:06	7/3/2023 22:35	509	0
2032900	7/3/2023 14:06	7/4/2023 0:28	622	0.03
323657	7/3/2023 14:24	7/4/2023 0:28	604	0.18
346288	7/3/2023 14:26	7/4/2023 0:28	602	0
8564413	7/3/2023 14:28	7/4/2023 0:28	600	0
266906	7/3/2023 14:33	7/4/2023 0:28	595	0
1681747	7/3/2023 14:36	7/4/2023 0:28	592	0
1077082	7/3/2023 14:36	7/4/2023 0:28	592	0
1267978	7/3/2023 14:36	7/4/2023 0:28	592	0
1404846	7/3/2023 14:41	7/4/2023 0:28	587	0.38
345647	7/3/2023 14:41	7/4/2023 0:28	587	0
817825	7/3/2023 14:46	7/4/2023 0:28	582	0
7415412	7/3/2023 14:48	7/4/2023 0:28	580	0.03
1417138	7/3/2023 14:48	7/4/2023 0:33	585	0
324045	7/3/2023 14:50	7/4/2023 0:28	578	0
1368745	7/3/2023 14:50	7/4/2023 0:28	578	0
1573666	7/3/2023 14:57	7/4/2023 0:28	571	0
1407947	7/3/2023 14:59	7/4/2023 0:28	569	0
872542	7/3/2023 15:07	7/4/2023 0:28	561	0
121748	7/3/2023 15:09	7/4/2023 0:28	559	0
507365	7/3/2023 15:21	7/4/2023 0:28	547	0
8972545	7/3/2023 15:22	7/4/2023 0:28	546	0
9993140	7/3/2023 15:22	7/4/2023 0:28	546	0

49209	7/3/2023 15:32	7/4/2023 0:28	536	0
277301	7/3/2023 15:56	7/4/2023 0:28	512	0
615200	7/3/2023 20:04	7/4/2023 10:00	835	0
324290	7/3/2023 20:07	7/4/2023 10:00	832	0
1586005	7/3/2023 20:09	7/4/2023 10:00	830	0
808829	7/3/2023 20:10	7/4/2023 10:00	829	0
8734029	7/3/2023 20:11	7/4/2023 10:00	828	0
1700586	7/3/2023 20:12	7/4/2023 10:00	827	0
306565	7/3/2023 20:13	7/4/2023 10:00	826	0
581074	7/3/2023 20:17	7/4/2023 10:00	822	0
772378	7/3/2023 20:22	7/4/2023 10:00	817	0
790670	7/3/2023 20:26	7/4/2023 10:00	813	0
801004	7/3/2023 20:26	7/4/2023 10:00	813	0
810130	7/3/2023 20:28	7/4/2023 9:20	772	0
1556602	7/3/2023 20:32	7/4/2023 10:00	807	0
1190820	7/3/2023 20:40	7/4/2023 10:00	799	0
572882	7/3/2023 20:48	7/4/2023 10:00	791	0
8668965	7/3/2023 20:49	7/4/2023 10:00	790	0
265473	7/3/2023 20:50	7/4/2023 10:00	789	0
1511251	7/3/2023 20:55	7/4/2023 10:00	784	0
1386169	7/3/2023 20:58	7/4/2023 10:00	781	0
563721	7/3/2023 21:00	7/4/2023 10:00	779	0
9063373	7/3/2023 21:02	7/4/2023 10:00	777	0
1556919	7/3/2023 21:02	7/4/2023 10:00	777	0
1503562	7/3/2023 21:10	7/4/2023 10:00	769	0
415949	7/3/2023 21:15	7/4/2023 10:00	764	0
656628	7/3/2023 21:25	7/4/2023 10:00	754	0
456099	7/3/2023 22:35	7/4/2023 10:00	684	0
307661	7/4/2023 0:28	7/4/2023 10:00	571	0
7879030	7/4/2023 0:28	7/4/2023 10:00	571	0
1518502	7/4/2023 0:28	7/4/2023 10:00	571	0
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8972545	7/4/2023 0:28	7/4/2023 10:00	571	0
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1404846	7/4/2023 0:28	7/4/2023 10:00	571	0
1077082	7/4/2023 0:28	7/4/2023 10:00	571	0
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299676	7/4/2023 0:28	7/4/2023 10:00	571	0
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1681747	7/4/2023 0:28	7/4/2023 10:00	571	0
1671958	7/4/2023 0:28	7/4/2023 9:59	571	0
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8564413	7/4/2023 0:28	7/4/2023 10:00	571	0
793690	7/4/2023 0:28	7/4/2023 10:00	571	0
7415412	7/4/2023 0:28	7/4/2023 10:00	571	0
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160073	7/4/2023 0:28	7/4/2023 10:00	571	0
1368745	7/4/2023 0:28	7/4/2023 10:00	571	0
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7533405	7/4/2023 0:28	7/4/2023 10:00	571	0
8950281	7/4/2023 0:28	7/4/2023 8:31	483	0
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1985687	7/4/2023 0:28	7/4/2023 10:00	571	0
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486693	7/4/2023 8:36	7/4/2023 10:00	83	0
810130	7/4/2023 9:20	7/4/2023 10:00	39	0
1321605	7/4/2023 9:24	7/4/2023 10:00	35	0.08
1220897	7/4/2023 9:39	7/4/2023 10:00	20	0
1518241	7/4/2023 9:42	7/4/2023 10:00	17	0.06
1390184	7/4/2023 9:47	7/4/2023 10:00	12	0

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1556602	7/4/2023 10:00	7/4/2023 20:03	603	0
705447	7/4/2023 10:00	7/5/2023 10:00	1439	0
264186	7/4/2023 10:00	7/5/2023 10:00	1439	0
637185	7/4/2023 10:00	7/5/2023 10:00	1439	0
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315345	7/4/2023 10:08	7/4/2023 20:11	603	1.09
6961293	7/4/2023 10:08	7/5/2023 0:28	860	0.26
1586005	7/4/2023 10:09	7/4/2023 20:08	599	0
8734029	7/4/2023 10:11	7/4/2023 20:10	599	0
583848	7/4/2023 10:13	7/4/2023 20:17	604	0.01
1700586	7/4/2023 10:13	7/4/2023 20:12	599	0.42
7533405	7/4/2023 10:15	7/4/2023 20:13	598	0.59
1557303	7/4/2023 10:16	7/4/2023 20:19	603	0.51
581074	7/4/2023 10:17	7/4/2023 20:21	604	0
500173	7/4/2023 10:18	7/5/2023 0:28	850	7.56
265473	7/4/2023 10:18	7/4/2023 20:18	600	0
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321310	7/4/2023 10:24	7/4/2023 20:23	599	0
301691	7/4/2023 10:24	7/5/2023 0:28	844	0
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416557	7/4/2023 10:29	7/5/2023 0:28	839	0
160073	7/4/2023 10:29	7/5/2023 0:28	839	0.08
1576533	7/4/2023 10:32	7/4/2023 20:30	598	1.14
581832	7/4/2023 10:34	7/5/2023 0:28	834	0
1556919	7/4/2023 10:35	7/4/2023 20:34	599	0.76
496500	7/4/2023 10:35	7/4/2023 15:27	292	0.06
8668965	7/4/2023 10:40	7/4/2023 20:38	598	0.12
801004	7/4/2023 10:40	7/4/2023 20:40	600	0
1190820	7/4/2023 10:40	7/4/2023 20:25	585	1.06
572882	7/4/2023 10:48	7/4/2023 20:47	599	0.26
1434359	7/4/2023 10:50	7/4/2023 20:50	600	0.32
1368745	7/4/2023 10:50	7/5/2023 0:28	818	0
1557188	7/4/2023 10:51	7/5/2023 0:28	817	0
1985687	7/4/2023 10:53	7/5/2023 0:28	815	0
415949	7/4/2023 10:59	7/4/2023 20:57	598	0
1573666	7/4/2023 11:01	7/5/2023 0:28	807	0
1557100	7/4/2023 11:03	7/4/2023 21:02	599	0.28
1345699	7/4/2023 11:04	7/4/2023 21:02	598	1.97
656628	7/4/2023 11:09	7/4/2023 21:12	603	0.73
1309098	7/4/2023 11:10	7/4/2023 21:09	599	0.45
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1407947	7/4/2023 11:14	7/5/2023 0:28	794	0.33
307661	7/4/2023 11:15	7/5/2023 0:28	793	0.25

266906	7/4/2023 11:19	7/5/2023 0:28	789	0.47
1407881	7/4/2023 11:28	7/5/2023 0:28	780	0
1251782	7/4/2023 11:30	7/5/2023 0:28	778	0
808829	7/4/2023 11:35	7/4/2023 21:34	599	0
304345	7/4/2023 11:45	7/5/2023 0:28	763	0
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1430553	7/4/2023 13:00	7/4/2023 13:48	48	0
535771	7/4/2023 13:15	7/5/2023 10:00	1244	0
1430553	7/4/2023 13:48	7/5/2023 0:28	640	0.09
8972545	7/4/2023 14:03	7/5/2023 10:00	1196	0
1511251	7/4/2023 14:09	7/5/2023 0:28	619	0
806370	7/4/2023 14:19	7/5/2023 0:28	609	0
8621797	7/4/2023 14:19	7/5/2023 0:28	609	0
663228	7/4/2023 14:22	7/5/2023 0:28	606	0
299676	7/4/2023 14:24	7/5/2023 0:28	604	0
6761269	7/4/2023 14:25	7/5/2023 0:28	603	0
7607485	7/4/2023 14:29	7/5/2023 0:28	599	0
1514677	7/4/2023 14:31	7/4/2023 22:51	500	0
8564413	7/4/2023 14:32	7/5/2023 0:28	596	0
507365	7/4/2023 14:36	7/5/2023 0:28	592	0
1511264	7/4/2023 14:37	7/5/2023 0:28	591	0.02
343205	7/4/2023 14:39	7/4/2023 22:29	470	0
1503562	7/4/2023 14:40	7/5/2023 0:28	588	0.03
346288	7/4/2023 14:40	7/5/2023 0:28	588	0
2032900	7/4/2023 14:41	7/5/2023 0:28	587	0
5212517	7/4/2023 14:45	7/4/2023 22:49	484	0.01
7415412	7/4/2023 14:48	7/5/2023 0:28	580	0.05
345647	7/4/2023 14:56	7/5/2023 0:28	572	0
1404846	7/4/2023 15:01	7/5/2023 0:28	567	0
304265	7/4/2023 15:27	7/4/2023 22:48	441	0
496500	7/4/2023 15:27	7/5/2023 0:28	541	0
1077082	7/4/2023 15:48	7/5/2023 0:33	525	0
572916	7/4/2023 15:49	7/4/2023 22:29	400	0
456099	7/4/2023 15:51	7/4/2023 22:41	410	0
457729	7/4/2023 16:03	7/5/2023 0:28	505	0
1076617	7/4/2023 16:05	7/5/2023 0:28	503	0
313011	7/4/2023 18:41	7/5/2023 10:00	918	0
315752	7/4/2023 18:41	7/5/2023 10:00	918	0
321565	7/4/2023 18:42	7/5/2023 10:00	917	0
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1586005	7/4/2023 20:08	7/5/2023 10:00	831	0
8734029	7/4/2023 20:10	7/5/2023 10:00	829	0
315345	7/4/2023 20:11	7/5/2023 10:00	828	0
1700586	7/4/2023 20:12	7/5/2023 10:00	827	0
7533405	7/4/2023 20:13	7/5/2023 10:00	826	0
583848	7/4/2023 20:17	7/5/2023 10:00	822	0

265473	7/4/2023 20:18	7/5/2023 10:00	821	0
1557303	7/4/2023 20:19	7/5/2023 9:38	799	0
1464949	7/4/2023 20:20	7/5/2023 10:00	819	0
581074	7/4/2023 20:21	7/5/2023 10:00	818	0
321310	7/4/2023 20:23	7/5/2023 10:00	816	0
1386169	7/4/2023 20:25	7/5/2023 9:11	766	0.64
1190820	7/4/2023 20:25	7/5/2023 10:00	814	0
1576533	7/4/2023 20:30	7/5/2023 9:53	803	0
1556919	7/4/2023 20:34	7/5/2023 10:00	805	0
8668965	7/4/2023 20:38	7/5/2023 10:00	801	0
801004	7/4/2023 20:40	7/5/2023 10:00	799	0
572882	7/4/2023 20:47	7/5/2023 10:00	792	0
1434359	7/4/2023 20:50	7/5/2023 10:00	789	0
772378	7/4/2023 20:52	7/5/2023 10:00	787	0
415949	7/4/2023 20:57	7/5/2023 10:00	782	0
1345699	7/4/2023 21:02	7/5/2023 10:00	777	0
1557100	7/4/2023 21:02	7/5/2023 10:00	777	0
1309098	7/4/2023 21:09	7/5/2023 10:00	770	0
656628	7/4/2023 21:12	7/5/2023 10:00	767	0
808829	7/4/2023 21:34	7/5/2023 10:00	745	0
572916	7/4/2023 22:29	7/5/2023 10:00	690	0
343205	7/4/2023 22:29	7/5/2023 10:00	690	0
456099	7/4/2023 22:41	7/5/2023 10:00	678	0
304265	7/4/2023 22:48	7/5/2023 10:00	671	0
5212517	7/4/2023 22:49	7/5/2023 10:00	670	0
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160073	7/5/2023 0:28	7/5/2023 10:00	571	0
7415412	7/5/2023 0:28	7/5/2023 10:00	571	0
301691	7/5/2023 0:28	7/5/2023 9:57	569	0
581832	7/5/2023 0:28	7/5/2023 10:00	571	0
6961293	7/5/2023 0:28	7/5/2023 10:00	571	0
1404846	7/5/2023 0:28	7/5/2023 10:00	571	0
1503562	7/5/2023 0:28	7/5/2023 10:00	571	0
1368745	7/5/2023 0:28	7/5/2023 10:00	571	0
2032900	7/5/2023 0:28	7/5/2023 10:00	571	0
500173	7/5/2023 0:28	7/5/2023 10:00	571	0
1076617	7/5/2023 0:28	7/5/2023 10:00	571	0
1407881	7/5/2023 0:28	7/5/2023 10:00	571	0
1251782	7/5/2023 0:28	7/5/2023 10:00	571	0
416557	7/5/2023 0:28	7/5/2023 10:00	571	0
346288	7/5/2023 0:28	7/5/2023 10:00	571	0
266906	7/5/2023 0:28	7/5/2023 10:00	571	0
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8564413	7/5/2023 0:28	7/5/2023 10:00	571	0
7607485	7/5/2023 0:28	7/5/2023 10:00	571	0

304345	7/5/2023 0:28	7/5/2023 9:45	557	0
307661	7/5/2023 0:28	7/5/2023 10:00	571	0
299676	7/5/2023 0:28	7/5/2023 10:00	571	0
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6761269	7/5/2023 0:28	7/5/2023 10:00	571	0
507365	7/5/2023 0:28	7/5/2023 10:00	571	0
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1518502	7/5/2023 0:28	7/5/2023 10:00	571	0
1985687	7/5/2023 0:28	7/5/2023 9:41	553	0
8621797	7/5/2023 0:28	7/5/2023 8:57	509	0
345647	7/5/2023 0:28	7/5/2023 10:00	571	0
496500	7/5/2023 0:28	7/5/2023 10:00	571	0
1430553	7/5/2023 0:28	7/5/2023 9:45	557	0
1407947	7/5/2023 0:28	7/5/2023 10:00	571	0
1077082	7/5/2023 0:33	7/5/2023 10:00	566	0
593397	7/5/2023 8:15	7/5/2023 10:00	104	0
593366	7/5/2023 8:29	7/5/2023 10:00	90	0
486693	7/5/2023 8:35	7/5/2023 10:00	84	0
8511623	7/5/2023 8:42	7/5/2023 10:00	77	0
8621797	7/5/2023 8:57	7/5/2023 10:00	62	0
1386169	7/5/2023 9:11	7/5/2023 10:00	48	0
456048	7/5/2023 9:19	7/5/2023 10:00	40	0
1220897	7/5/2023 9:21	7/5/2023 10:00	38	0
1321605	7/5/2023 9:22	7/5/2023 10:00	37	0
810130	7/5/2023 9:25	7/5/2023 10:00	34	0
1518241	7/5/2023 9:29	7/5/2023 10:00	30	0
1671958	7/5/2023 9:31	7/5/2023 10:00	28	0
456084	7/5/2023 9:32	7/5/2023 10:00	27	0
1557303	7/5/2023 9:38	7/5/2023 10:00	21	0
1985687	7/5/2023 9:41	7/5/2023 10:00	18	0
1430553	7/5/2023 9:45	7/5/2023 10:00	14	0
304345	7/5/2023 9:45	7/5/2023 10:00	14	0
1390184	7/5/2023 9:50	7/5/2023 10:00	9	0
1299402	7/5/2023 9:51	7/5/2023 10:00	8	0
1576533	7/5/2023 9:53	7/5/2023 10:00	6	0
301691	7/5/2023 9:57	7/5/2023 10:00	2	0
1518502	7/5/2023 10:00	7/6/2023 0:28	868	0
705447	7/5/2023 10:00	7/6/2023 10:00	1439	0
535771	7/5/2023 10:00	7/5/2023 14:49	289	0
264186	7/5/2023 10:00	7/6/2023 10:00	1439	0
564357	7/5/2023 10:00	7/6/2023 10:00	1439	0
46184	7/5/2023 10:00	7/6/2023 10:00	1439	0
772378	7/5/2023 10:00	7/5/2023 14:58	298	0
637185	7/5/2023 10:00	7/6/2023 10:00	1439	0

581074	7/5/2023 10:00	7/6/2023 0:28	868	0
572916	7/5/2023 10:01	7/5/2023 22:31	750	0
1573666	7/5/2023 10:01	7/6/2023 0:28	867	0
324290	7/5/2023 10:05	7/6/2023 0:28	863	0.06
1586005	7/5/2023 10:09	7/6/2023 0:28	859	0
1576533	7/5/2023 10:09	7/6/2023 0:28	859	0.4
1309098	7/5/2023 10:10	7/5/2023 14:21	251	0.37
6761269	7/5/2023 10:12	7/5/2023 14:08	236	0
6961293	7/5/2023 10:12	7/5/2023 20:10	598	0.1
7533405	7/5/2023 10:13	7/5/2023 20:16	603	0.08
1700586	7/5/2023 10:14	7/5/2023 14:10	236	0
587455	7/5/2023 10:14	7/6/2023 0:28	854	0
160073	7/5/2023 10:14	7/5/2023 20:14	600	0
583848	7/5/2023 10:17	7/6/2023 0:28	851	0
265473	7/5/2023 10:18	7/5/2023 22:48	750	0
6623421	7/5/2023 10:22	7/6/2023 0:28	846	0
321310	7/5/2023 10:23	7/6/2023 0:28	845	0
325050	7/5/2023 10:24	7/6/2023 0:28	844	0
1320619	7/5/2023 10:26	7/5/2023 14:32	246	0
954637	7/5/2023 10:27	7/6/2023 0:28	841	0.05
306565	7/5/2023 10:28	7/5/2023 20:28	600	0
8564413	7/5/2023 10:29	7/6/2023 0:28	839	0
416557	7/5/2023 10:33	7/6/2023 0:28	835	0
1345699	7/5/2023 10:35	7/5/2023 20:33	598	0.47
801004	7/5/2023 10:38	7/5/2023 20:37	599	0
793690	7/5/2023 10:40	7/6/2023 0:28	828	0.12
1518507	7/5/2023 10:43	7/6/2023 0:28	825	0.54
5212517	7/5/2023 10:44	7/5/2023 22:44	720	0.9
415949	7/5/2023 10:47	7/6/2023 0:28	821	0
1495134	7/5/2023 10:47	7/6/2023 0:28	821	0
563721	7/5/2023 10:48	7/5/2023 20:47	599	0
266906	7/5/2023 10:48	7/6/2023 0:28	820	0.09
1076617	7/5/2023 10:48	7/6/2023 0:28	820	0
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6503956	7/5/2023 10:51	7/6/2023 0:28	817	0.01
1557100	7/5/2023 10:52	7/5/2023 13:45	173	0
307661	7/5/2023 10:57	7/5/2023 21:01	604	0.34
1251782	7/5/2023 11:00	7/5/2023 14:10	190	0
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1320845	7/5/2023 11:07	7/5/2023 21:11	604	2.04
1552154	7/5/2023 11:08	7/6/2023 0:28	800	0
1681747	7/5/2023 11:09	7/6/2023 0:28	799	0
808829	7/5/2023 11:11	7/5/2023 14:09	178	0
656628	7/5/2023 11:11	7/5/2023 14:24	193	0.33
1321605	7/5/2023 13:03	7/5/2023 15:03	120	0.73
301691	7/5/2023 13:06	7/5/2023 15:01	115	0
1220897	7/5/2023 13:18	7/5/2023 14:47	89	0

1020466	7/5/2023 13:23	7/5/2023 14:26	63	0
1386169	7/5/2023 13:23	7/5/2023 14:21	58	0.26
1430553	7/5/2023 13:30	7/5/2023 14:39	69	0.1
1985687	7/5/2023 13:37	7/5/2023 15:31	114	0
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6761269	7/5/2023 14:08	7/6/2023 1:01	653	0
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1299402	7/5/2023 14:08	7/5/2023 14:24	16	0
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1309098	7/5/2023 14:21	7/5/2023 14:32	11	0
8734029	7/5/2023 14:22	7/5/2023 14:32	10	0
8511623	7/5/2023 14:23	7/5/2023 14:33	10	0
7879030	7/5/2023 14:23	7/5/2023 14:48	25	0
1299402	7/5/2023 14:24	7/5/2023 14:34	10	0
1376158	7/5/2023 14:24	7/5/2023 15:21	57	0
656628	7/5/2023 14:24	7/5/2023 14:33	9	0.09
1518241	7/5/2023 14:24	7/5/2023 14:34	10	0
1251782	7/5/2023 14:25	7/5/2023 14:40	15	0
1671958	7/5/2023 14:25	7/5/2023 14:41	16	0
1020466	7/5/2023 14:26	7/5/2023 15:08	42	0
1624452	7/5/2023 14:29	7/5/2023 14:40	11	0
8734029	7/5/2023 14:32	7/6/2023 0:28	596	0
1386169	7/5/2023 14:32	7/6/2023 0:28	596	0.93
1320619	7/5/2023 14:32	7/5/2023 15:30	58	0
1309098	7/5/2023 14:32	7/5/2023 22:40	488	0
8206792	7/5/2023 14:33	7/6/2023 0:28	595	0
8511623	7/5/2023 14:33	7/6/2023 0:28	595	0
656628	7/5/2023 14:33	7/6/2023 0:28	595	0.26
1299402	7/5/2023 14:34	7/6/2023 0:28	594	0
1518241	7/5/2023 14:34	7/6/2023 0:28	594	0
1503562	7/5/2023 14:34	7/6/2023 0:28	594	0
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1251782	7/5/2023 14:40	7/6/2023 0:28	588	0
1368745	7/5/2023 14:40	7/6/2023 0:28	588	0
1624452	7/5/2023 14:40	7/6/2023 0:28	588	0
1671958	7/5/2023 14:41	7/6/2023 0:28	587	0
299676	7/5/2023 14:41	7/6/2023 0:28	587	0
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1464949	7/5/2023 14:44	7/6/2023 0:28	584	0
1390184	7/5/2023 14:44	7/5/2023 22:42	478	0
1555376	7/5/2023 14:44	7/5/2023 22:49	485	0
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9993140	7/5/2023 14:45	7/6/2023 0:28	583	0
8972545	7/5/2023 14:45	7/6/2023 0:28	583	0
496500	7/5/2023 14:45	7/6/2023 0:28	583	0
1321750	7/5/2023 14:46	7/5/2023 22:44	478	0.5
1220897	7/5/2023 14:47	7/6/2023 0:28	581	0
324045	7/5/2023 14:47	7/6/2023 0:28	581	0
7879030	7/5/2023 14:48	7/6/2023 0:28	580	0
1404846	7/5/2023 14:49	7/6/2023 0:28	579	0
535771	7/5/2023 14:49	7/6/2023 0:28	579	0
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1432509	7/5/2023 14:50	7/6/2023 0:28	578	0
8739323	7/5/2023 14:50	7/6/2023 0:28	578	0
808829	7/5/2023 14:51	7/6/2023 0:28	577	0
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51483	7/5/2023 14:55	7/6/2023 0:28	573	0
1619720	7/5/2023 14:55	7/6/2023 0:28	573	0
1378273	7/5/2023 14:55	7/6/2023 0:28	573	0
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301691	7/5/2023 15:01	7/6/2023 0:28	567	0
8668965	7/5/2023 15:02	7/6/2023 0:28	566	0
1321605	7/5/2023 15:03	7/6/2023 0:28	565	0
810130	7/5/2023 15:06	7/6/2023 0:28	562	0
1378692	7/5/2023 15:07	7/5/2023 22:42	455	0
1020466	7/5/2023 15:08	7/6/2023 0:28	560	0
1006339	7/5/2023 15:13	7/6/2023 0:28	555	0
121748	7/5/2023 15:14	7/6/2023 0:28	554	0
323747	7/5/2023 15:16	7/6/2023 0:28	552	0
1376158	7/5/2023 15:21	7/6/2023 0:28	547	0
2032900	7/5/2023 15:21	7/5/2023 15:37	16	0
724232	7/5/2023 15:24	7/6/2023 0:28	544	0
281237	7/5/2023 15:27	7/6/2023 1:03	576	0
1320619	7/5/2023 15:30	7/6/2023 10:00	1109	0
1985687	7/5/2023 15:31	7/6/2023 0:28	537	0
1511251	7/5/2023 15:33	7/6/2023 0:28	535	0

1463520	7/5/2023 15:34	7/6/2023 0:28	534	0
2032900	7/5/2023 15:37	7/6/2023 0:28	531	0
956579	7/5/2023 15:38	7/6/2023 0:28	530	0
859747	7/5/2023 15:42	7/6/2023 0:28	526	0
323657	7/5/2023 15:44	7/6/2023 0:28	524	0.02
956559	7/5/2023 15:49	7/5/2023 22:38	409	0
304345	7/5/2023 15:52	7/6/2023 0:28	516	0
1557303	7/5/2023 15:56	7/6/2023 0:28	512	0
860281	7/5/2023 16:01	7/6/2023 0:28	507	0
281456	7/5/2023 16:01	7/6/2023 1:02	541	0
1387226	7/5/2023 16:01	7/6/2023 0:28	507	0
1551513	7/5/2023 16:03	7/6/2023 0:28	505	0
456048	7/5/2023 16:24	7/6/2023 0:28	484	0
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456084	7/5/2023 16:41	7/6/2023 0:28	467	0
588308	7/5/2023 17:56	7/6/2023 0:28	392	0
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6961293	7/5/2023 20:10	7/6/2023 10:00	829	0
160073	7/5/2023 20:14	7/6/2023 10:00	825	0
7533405	7/5/2023 20:16	7/6/2023 10:00	823	0
306565	7/5/2023 20:28	7/6/2023 9:46	798	0
1345699	7/5/2023 20:33	7/6/2023 10:00	806	0
801004	7/5/2023 20:37	7/6/2023 10:00	802	0
563721	7/5/2023 20:47	7/6/2023 10:00	792	0
307661	7/5/2023 21:01	7/6/2023 10:00	778	0
1320845	7/5/2023 21:11	7/6/2023 10:00	768	0
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956559	7/5/2023 22:38	7/6/2023 10:00	681	0
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1309098	7/5/2023 22:40	7/6/2023 10:00	679	0
1378692	7/5/2023 22:42	7/6/2023 10:00	677	0
1390184	7/5/2023 22:42	7/6/2023 9:54	672	0
1321750	7/5/2023 22:44	7/6/2023 10:00	675	0
5212517	7/5/2023 22:44	7/6/2023 10:00	675	0
265473	7/5/2023 22:48	7/6/2023 10:00	671	0
1555376	7/5/2023 22:49	7/6/2023 10:00	670	0
583848	7/6/2023 0:28	7/6/2023 10:00	571	0
1518241	7/6/2023 0:28	7/6/2023 9:49	561	0
324045	7/6/2023 0:28	7/6/2023 10:00	571	0
1076617	7/6/2023 0:28	7/6/2023 10:00	571	0
8972545	7/6/2023 0:28	7/6/2023 10:00	571	0
1985687	7/6/2023 0:28	7/6/2023 9:29	541	0
6503956	7/6/2023 0:28	7/6/2023 10:00	571	0
1551513	7/6/2023 0:28	7/6/2023 10:00	571	0
8206792	7/6/2023 0:28	7/6/2023 10:00	571	0
1432509	7/6/2023 0:28	7/6/2023 10:00	571	0
456084	7/6/2023 0:28	7/6/2023 10:00	571	0

1700586	7/6/2023 0:28	7/6/2023 10:00	571	0
954637	7/6/2023 0:28	7/6/2023 10:00	571	0
7415412	7/6/2023 0:28	7/6/2023 10:00	571	0
49209	7/6/2023 0:28	7/6/2023 10:00	571	0
1495134	7/6/2023 0:28	7/6/2023 10:00	571	0
6623421	7/6/2023 0:28	7/6/2023 10:00	571	0
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1378273	7/6/2023 0:28	7/6/2023 10:00	571	0
323747	7/6/2023 0:28	7/6/2023 10:00	571	0
772378	7/6/2023 0:28	7/6/2023 10:00	571	0
266906	7/6/2023 0:28	7/6/2023 10:00	571	0
1220897	7/6/2023 0:28	7/6/2023 10:00	571	0
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8668965	7/6/2023 0:28	7/6/2023 10:00	571	0
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1624452	7/6/2023 0:28	7/6/2023 10:00	571	0
299676	7/6/2023 0:28	7/6/2023 10:00	571	0
1463520	7/6/2023 0:28	7/6/2023 10:00	571	0
1464949	7/6/2023 0:28	7/6/2023 10:00	571	0
456048	7/6/2023 0:28	7/6/2023 10:00	571	0
1368745	7/6/2023 0:28	7/6/2023 9:35	547	0
1557303	7/6/2023 0:28	7/6/2023 10:00	571	0
1586005	7/6/2023 0:28	7/6/2023 10:00	571	0
1006339	7/6/2023 0:28	7/6/2023 10:00	571	0
8734029	7/6/2023 0:28	7/6/2023 10:00	571	0
1671958	7/6/2023 0:28	7/6/2023 10:00	571	0
724232	7/6/2023 0:28	7/6/2023 10:00	571	0
1430553	7/6/2023 0:28	7/6/2023 10:00	571	0
324290	7/6/2023 0:28	7/6/2023 10:00	571	0
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1503562	7/6/2023 0:28	7/6/2023 10:00	571	0
793690	7/6/2023 0:28	7/6/2023 10:00	571	0
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535771	7/6/2023 0:28	7/6/2023 10:00	571	0
8766703	7/6/2023 0:28	7/6/2023 9:48	560	0
1077082	7/6/2023 0:28	7/6/2023 10:00	571	0
496500	7/6/2023 0:28	7/6/2023 10:00	571	0

323657	7/6/2023 0:28	7/6/2023 10:00	571	0
860281	7/6/2023 0:28	7/6/2023 10:00	571	0
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8511623	7/6/2023 0:28	7/6/2023 10:00	571	0
8739323	7/6/2023 0:28	7/6/2023 10:00	571	0
2032900	7/6/2023 0:28	7/6/2023 10:00	571	0
321310	7/6/2023 0:28	7/6/2023 10:00	571	0
1251782	7/6/2023 0:28	7/6/2023 10:00	571	0
581832	7/6/2023 0:28	7/6/2023 10:00	571	0
1573666	7/6/2023 0:28	7/6/2023 10:00	571	0
810130	7/6/2023 0:28	7/6/2023 10:00	571	0
7879030	7/6/2023 0:28	7/6/2023 10:00	571	0
349232	7/6/2023 0:28	7/6/2023 10:00	571	0
301691	7/6/2023 0:28	7/6/2023 9:45	557	0
501613	7/6/2023 0:28	7/6/2023 10:00	571	0
1321605	7/6/2023 0:28	7/6/2023 9:26	538	0
1518502	7/6/2023 0:28	7/6/2023 10:00	571	0
51483	7/6/2023 0:28	7/6/2023 10:00	571	0
808829	7/6/2023 0:28	7/6/2023 10:00	571	0
1386169	7/6/2023 0:28	7/6/2023 10:00	571	0
1619720	7/6/2023 0:28	7/6/2023 10:00	571	0
956579	7/6/2023 0:28	7/6/2023 10:00	571	0
304345	7/6/2023 0:28	7/6/2023 10:00	571	0
1376158	7/6/2023 0:28	7/6/2023 10:00	571	0
1681747	7/6/2023 0:28	7/6/2023 10:00	571	0
1600016	7/6/2023 0:28	7/6/2023 10:00	571	0
1552154	7/6/2023 0:28	7/6/2023 9:58	570	0
587455	7/6/2023 0:28	7/6/2023 10:00	571	0
1299402	7/6/2023 0:28	7/6/2023 9:18	530	0
1378582	7/6/2023 0:51	7/6/2023 10:00	548	0
6761269	7/6/2023 1:01	7/6/2023 10:00	538	0
281456	7/6/2023 1:02	7/6/2023 10:00	537	0
281237	7/6/2023 1:03	7/6/2023 10:00	536	0
8621797	7/6/2023 9:15	7/6/2023 10:00	44	0
1299402	7/6/2023 9:18	7/6/2023 10:00	41	0
1321605	7/6/2023 9:26	7/6/2023 10:00	33	0
8104722	7/6/2023 9:28	7/6/2023 10:00	31	0
1985687	7/6/2023 9:29	7/6/2023 10:00	30	0
1368745	7/6/2023 9:35	7/6/2023 10:00	24	0
301691	7/6/2023 9:45	7/6/2023 10:00	14	0
306565	7/6/2023 9:46	7/6/2023 10:00	13	0
1576533	7/6/2023 9:46	7/6/2023 10:00	13	0
8766703	7/6/2023 9:48	7/6/2023 10:00	11	0
1518241	7/6/2023 9:49	7/6/2023 10:00	10	0

1390184	7/6/2023 9:54	7/6/2023 10:00	5	0
1342974	7/6/2023 9:56	7/6/2023 10:00	3	0
315088	7/6/2023 9:57	7/6/2023 10:00	2	0
1552154	7/6/2023 9:58	7/6/2023 10:00	1	0
264186	7/6/2023 10:00	7/7/2023 10:00	1439	0
564357	7/6/2023 10:00	7/7/2023 10:00	1439	0.01
637185	7/6/2023 10:00	7/7/2023 10:00	1439	0
46184	7/6/2023 10:00	7/7/2023 10:00	1439	0
535771	7/6/2023 10:00	7/7/2023 10:00	1439	0
1511251	7/6/2023 10:00	7/6/2023 22:31	751	0
705447	7/6/2023 10:00	7/7/2023 10:00	1439	0
772378	7/6/2023 10:00	7/6/2023 22:39	759	0
572916	7/6/2023 10:01	7/7/2023 0:28	867	0.81
663228	7/6/2023 10:01	7/7/2023 10:00	1438	0
1557188	7/6/2023 10:06	7/6/2023 15:16	310	0
496500	7/6/2023 10:07	7/6/2023 14:49	282	0
1557303	7/6/2023 10:08	7/6/2023 15:02	294	0.29
1077082	7/6/2023 10:09	7/7/2023 0:28	859	0
324290	7/6/2023 10:09	7/6/2023 22:14	725	0.89
6623421	7/6/2023 10:10	7/6/2023 14:33	263	0.1
6714863	7/6/2023 10:11	7/6/2023 20:14	603	0.19
315345	7/6/2023 10:12	7/6/2023 20:11	599	1.75
1343091	7/6/2023 10:12	7/7/2023 0:28	856	0.35
1586005	7/6/2023 10:12	7/6/2023 14:21	249	0
1309098	7/6/2023 10:12	7/6/2023 14:21	249	0.28
1573666	7/6/2023 10:12	7/6/2023 14:10	238	0
160073	7/6/2023 10:14	7/6/2023 22:29	735	0.08
6961293	7/6/2023 10:15	7/6/2023 20:14	599	0.27
954637	7/6/2023 10:17	7/6/2023 20:15	598	0.56
1700586	7/6/2023 10:17	7/6/2023 14:24	247	0.22
304345	7/6/2023 10:20	7/6/2023 22:37	737	0
265473	7/6/2023 10:21	7/6/2023 20:25	604	0
1251782	7/6/2023 10:21	7/6/2023 13:31	190	0
1556919	7/6/2023 10:22	7/6/2023 20:26	604	0
325050	7/6/2023 10:24	7/6/2023 22:33	729	0
321310	7/6/2023 10:26	7/6/2023 20:30	604	0
8972545	7/6/2023 10:26	7/7/2023 0:28	842	0
316997	7/6/2023 10:26	7/6/2023 20:30	604	1.35
872542	7/6/2023 10:26	7/6/2023 22:14	708	1.14
8564413	7/6/2023 10:31	7/7/2023 0:28	837	0
1671958	7/6/2023 10:32	7/6/2023 14:29	237	0.93
6733217	7/6/2023 10:34	7/6/2023 14:09	215	0.16
1076617	7/6/2023 10:37	7/7/2023 0:28	831	0
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581074	7/6/2023 10:40	7/7/2023 0:28	828	0
315346	7/6/2023 10:41	7/6/2023 20:44	603	0.04
1624452	7/6/2023 10:42	7/6/2023 20:52	610	0

1190820	7/6/2023 10:42	7/7/2023 0:28	826	0.51
49209	7/6/2023 10:50	7/6/2023 22:40	710	0
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416557	7/6/2023 10:51	7/6/2023 22:29	698	0
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572882	7/6/2023 10:52	7/6/2023 14:17	205	0
751178	7/6/2023 10:53	7/7/2023 0:28	815	0.49
6503956	7/6/2023 10:54	7/6/2023 21:26	632	0.44
328408	7/6/2023 10:54	7/6/2023 20:53	599	0.39
507365	7/6/2023 10:55	7/7/2023 0:28	813	0
312766	7/6/2023 10:56	7/6/2023 20:59	603	0.38
1681747	7/6/2023 10:56	7/6/2023 22:40	704	0
8148103	7/6/2023 10:57	7/6/2023 20:57	600	2.25
323747	7/6/2023 10:57	7/6/2023 15:35	278	0
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808829	7/6/2023 11:00	7/6/2023 14:24	204	0
1518502	7/6/2023 11:01	7/6/2023 22:39	698	0.02
7533405	7/6/2023 11:04	7/6/2023 15:42	278	0.88
500173	7/6/2023 11:08	7/6/2023 21:11	603	5.15
8668965	7/6/2023 11:10	7/6/2023 21:13	603	0.14
309944	7/6/2023 11:10	7/6/2023 21:10	600	0
315484	7/6/2023 11:11	7/6/2023 21:15	604	0.1
1446785	7/6/2023 11:12	7/7/2023 0:28	796	1.11
810130	7/6/2023 11:13	7/6/2023 14:07	174	0
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8387677	7/6/2023 11:15	7/6/2023 21:14	599	0.05
307661	7/6/2023 11:17	7/6/2023 22:23	666	0.5
817825	7/6/2023 11:18	7/7/2023 0:28	790	0.66
1518507	7/6/2023 11:19	7/6/2023 22:30	671	0.95
457729	7/6/2023 11:22	7/6/2023 22:44	682	0
8068454	7/6/2023 11:23	7/6/2023 14:16	173	0
7415412	7/6/2023 11:24	7/6/2023 14:16	172	0.23
9993140	7/6/2023 11:24	7/7/2023 0:28	784	0
1434905	7/6/2023 11:25	7/6/2023 14:17	172	0
299676	7/6/2023 11:31	7/6/2023 22:31	660	0
1435093	7/6/2023 11:39	7/7/2023 0:28	769	0
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1464949	7/6/2023 11:40	7/6/2023 14:33	173	0
1524033	7/6/2023 11:42	7/6/2023 21:04	562	0.56
48217	7/6/2023 13:04	7/6/2023 14:44	100	0.47
793690	7/6/2023 13:15	7/6/2023 22:36	561	0.35
301691	7/6/2023 13:20	7/7/2023 9:48	1228	0
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1390184	7/6/2023 13:29	7/7/2023 0:28	659	0
1251782	7/6/2023 13:31	7/6/2023 16:59	208	0
1443586	7/6/2023 13:33	7/6/2023 22:45	552	0

1552154	7/6/2023 13:35	7/6/2023 22:43	548	0
1321605	7/6/2023 13:38	7/7/2023 0:28	650	0.02
1444966	7/6/2023 13:51	7/6/2023 22:30	519	0
1985687	7/6/2023 13:51	7/6/2023 22:37	526	0
8766703	7/6/2023 13:54	7/7/2023 0:28	634	0
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1321750	7/6/2023 14:08	7/7/2023 0:28	620	0
349232	7/6/2023 14:09	7/7/2023 0:28	619	0
6733217	7/6/2023 14:09	7/6/2023 22:21	492	0
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1345699	7/6/2023 14:13	7/7/2023 0:28	615	0
456099	7/6/2023 14:15	7/7/2023 0:28	613	0
8068454	7/6/2023 14:16	7/6/2023 22:46	510	0
7415412	7/6/2023 14:16	7/6/2023 21:26	430	0.03
572882	7/6/2023 14:17	7/7/2023 0:28	611	0.24
859747	7/6/2023 14:17	7/7/2023 0:28	611	0
1434905	7/6/2023 14:17	7/6/2023 22:36	499	0
1430553	7/6/2023 14:17	7/6/2023 22:37	500	0.37
1586005	7/6/2023 14:21	7/6/2023 22:45	504	0
1309098	7/6/2023 14:21	7/7/2023 0:28	607	0.05
656628	7/6/2023 14:22	7/7/2023 0:28	606	0.15
1700586	7/6/2023 14:24	7/7/2023 0:28	604	0
306565	7/6/2023 14:24	7/6/2023 22:27	483	0
808829	7/6/2023 14:24	7/7/2023 0:28	604	0
1576533	7/6/2023 14:25	7/6/2023 22:49	504	0.14
8739323	7/6/2023 14:27	7/6/2023 22:25	478	0
321287	7/6/2023 14:28	7/7/2023 0:28	600	0.07
1671958	7/6/2023 14:29	7/6/2023 22:31	482	0
266906	7/6/2023 14:30	7/6/2023 22:34	484	0
1359177	7/6/2023 14:31	7/7/2023 0:28	597	0
1006339	7/6/2023 14:31	7/6/2023 22:17	466	0
501613	7/6/2023 14:32	7/6/2023 22:35	483	0
1464949	7/6/2023 14:33	7/6/2023 22:43	490	0
6623421	7/6/2023 14:33	7/6/2023 22:36	483	0.01
1417138	7/6/2023 14:33	7/6/2023 22:42	489	0
8734029	7/6/2023 14:38	7/6/2023 22:41	483	0
8621797	7/6/2023 14:41	7/6/2023 22:44	483	0
1395587	7/6/2023 14:44	7/7/2023 0:28	584	0
48217	7/6/2023 14:44	7/6/2023 22:41	477	0.11
1267978	7/6/2023 14:48	7/6/2023 22:29	461	0
2032900	7/6/2023 14:48	7/7/2023 0:28	580	0
496500	7/6/2023 14:49	7/6/2023 22:28	459	0
6992958	7/6/2023 14:51	7/6/2023 22:38	467	0
1432509	7/6/2023 14:53	7/6/2023 22:33	460	0
1301093	7/6/2023 14:54	7/6/2023 22:37	463	0
343205	7/6/2023 14:54	7/7/2023 0:28	574	0

1393633	7/6/2023 14:55	7/7/2023 0:28	573	0
583848	7/6/2023 14:59	7/6/2023 22:30	451	0
1557303	7/6/2023 15:02	7/6/2023 22:23	441	0.14
324045	7/6/2023 15:03	7/6/2023 22:40	457	0
1551513	7/6/2023 15:03	7/6/2023 22:40	457	0
121748	7/6/2023 15:04	7/6/2023 22:43	459	0
1463520	7/6/2023 15:08	7/6/2023 22:34	446	0
415949	7/6/2023 15:08	7/7/2023 0:28	560	0
1557188	7/6/2023 15:16	7/6/2023 22:26	430	0
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1473352	7/6/2023 15:23	7/7/2023 10:00	1116	0
1473220	7/6/2023 15:25	7/6/2023 22:37	432	0
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1532840	7/6/2023 15:57	7/6/2023 22:41	404	0
1272457	7/6/2023 15:59	7/6/2023 22:23	384	0.03
304265	7/6/2023 16:11	7/7/2023 1:37	566	0
456084	7/6/2023 16:29	7/7/2023 10:00	1050	0
456048	7/6/2023 16:46	7/6/2023 22:38	352	0
1251782	7/6/2023 16:59	7/7/2023 10:00	1020	0
1473365	7/6/2023 18:39	7/6/2023 19:27	48	0
1473365	7/6/2023 19:27	7/6/2023 20:25	58	0
315345	7/6/2023 20:11	7/7/2023 9:50	819	0
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265473	7/6/2023 20:25	7/7/2023 10:00	814	0
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321310	7/6/2023 20:30	7/7/2023 10:00	809	0
316997	7/6/2023 20:30	7/7/2023 10:00	809	0
315346	7/6/2023 20:44	7/7/2023 10:00	795	0
1624452	7/6/2023 20:52	7/7/2023 10:00	787	0
328408	7/6/2023 20:53	7/7/2023 10:00	786	0
8148103	7/6/2023 20:57	7/7/2023 10:00	782	0
312766	7/6/2023 20:59	7/7/2023 10:00	780	0
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500173	7/6/2023 21:11	7/7/2023 10:00	768	0
8668965	7/6/2023 21:13	7/7/2023 10:00	766	0
8387677	7/6/2023 21:14	7/7/2023 10:00	765	0
315484	7/6/2023 21:15	7/7/2023 10:00	764	0
1473365	7/6/2023 21:17	7/6/2023 23:44	147	0
6503956	7/6/2023 21:26	7/7/2023 10:00	753	0

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872542	7/6/2023 22:14	7/7/2023 10:00	705	0
1006339	7/6/2023 22:17	7/7/2023 10:00	702	0
6733217	7/6/2023 22:21	7/7/2023 10:00	698	0
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1272457	7/6/2023 22:23	7/7/2023 10:00	696	0
307661	7/6/2023 22:23	7/7/2023 8:38	615	0
8739323	7/6/2023 22:25	7/7/2023 10:00	694	0
1557188	7/6/2023 22:26	7/7/2023 10:00	693	0
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1267978	7/6/2023 22:29	7/7/2023 10:00	690	0
416557	7/6/2023 22:29	7/7/2023 10:00	690	0
160073	7/6/2023 22:29	7/7/2023 10:00	690	0
583848	7/6/2023 22:30	7/7/2023 10:00	689	0
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1444966	7/6/2023 22:30	7/7/2023 10:00	689	0
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1511251	7/6/2023 22:31	7/7/2023 10:00	688	0
1671958	7/6/2023 22:31	7/7/2023 9:54	683	0
1511264	7/6/2023 22:32	7/7/2023 10:00	687	0
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1432509	7/6/2023 22:33	7/7/2023 10:00	686	0
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266906	7/6/2023 22:34	7/7/2023 10:00	685	0
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323747	7/6/2023 22:35	7/7/2023 10:00	684	0
793690	7/6/2023 22:36	7/7/2023 10:00	683	0
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1301093	7/6/2023 22:37	7/7/2023 10:00	682	0
1985687	7/6/2023 22:37	7/7/2023 10:00	682	0
304345	7/6/2023 22:37	7/7/2023 10:00	682	0
6992958	7/6/2023 22:38	7/7/2023 10:00	681	0
456048	7/6/2023 22:38	7/7/2023 10:00	681	0
1518502	7/6/2023 22:39	7/7/2023 10:00	680	0
772378	7/6/2023 22:39	7/7/2023 8:58	619	0
49209	7/6/2023 22:40	7/7/2023 10:00	679	0
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1681747	7/6/2023 22:40	7/7/2023 10:00	679	0
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457729	7/6/2023 22:44	7/7/2023 10:00	675	0
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1586005	7/6/2023 22:45	7/7/2023 10:00	674	0
8068454	7/6/2023 22:46	7/7/2023 10:00	673	0
1576533	7/6/2023 22:49	7/7/2023 10:00	670	0
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349232	7/7/2023 0:28	7/7/2023 10:00	571	0
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581074	7/7/2023 0:28	7/7/2023 10:00	571	0
1321750	7/7/2023 0:28	7/7/2023 10:00	571	0
801004	7/7/2023 0:28	7/7/2023 10:00	571	0
1518241	7/7/2023 0:28	7/7/2023 8:13	465	0
810130	7/7/2023 0:28	7/7/2023 10:00	571	0
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456099	7/7/2023 0:28	7/7/2023 10:00	571	0
1321605	7/7/2023 0:28	7/7/2023 9:19	531	0
1700586	7/7/2023 0:28	7/7/2023 10:00	571	0
1309098	7/7/2023 0:28	7/7/2023 10:00	571	0
2032900	7/7/2023 0:28	7/7/2023 10:00	571	0
751178	7/7/2023 0:28	7/7/2023 10:00	571	0
1393633	7/7/2023 0:28	7/7/2023 10:00	571	0
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415949	7/7/2023 0:28	7/7/2023 10:00	571	0
656628	7/7/2023 0:28	7/7/2023 10:00	571	0
808829	7/7/2023 0:28	7/7/2023 10:00	571	0
817825	7/7/2023 0:28	7/7/2023 10:00	571	0
1395587	7/7/2023 0:28	7/7/2023 10:00	571	0
8766703	7/7/2023 0:28	7/7/2023 10:00	571	0
859747	7/7/2023 0:28	7/7/2023 10:00	571	0
343205	7/7/2023 0:28	7/7/2023 10:00	571	0
8972545	7/7/2023 0:28	7/7/2023 10:00	571	0
1446785	7/7/2023 0:28	7/7/2023 10:00	571	0
507365	7/7/2023 0:28	7/7/2023 10:00	571	0
1390184	7/7/2023 0:28	7/7/2023 9:42	554	0
9993140	7/7/2023 0:28	7/7/2023 10:00	571	0

8564413	7/7/2023 0:28	7/7/2023 10:00	571	0
572882	7/7/2023 0:28	7/7/2023 10:00	571	0
1343091	7/7/2023 0:28	7/7/2023 10:00	571	0
1359177	7/7/2023 0:28	7/7/2023 10:00	571	0
321287	7/7/2023 0:28	7/7/2023 10:00	571	0
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1299402	7/7/2023 7:57	7/7/2023 10:00	122	0
1518241	7/7/2023 8:13	7/7/2023 10:00	106	0
307661	7/7/2023 8:38	7/7/2023 10:00	81	0
306565	7/7/2023 8:52	7/7/2023 10:00	67	0
772378	7/7/2023 8:58	7/7/2023 10:00	61	0
1473365	7/7/2023 9:11	7/7/2023 10:00	48	0
1368745	7/7/2023 9:14	7/7/2023 10:00	45	0
325050	7/7/2023 9:18	7/7/2023 10:00	41	0
1321605	7/7/2023 9:19	7/7/2023 10:00	40	0
1430553	7/7/2023 9:26	7/7/2023 10:00	33	0
1390184	7/7/2023 9:42	7/7/2023 10:00	17	0
301691	7/7/2023 9:48	7/7/2023 10:00	11	0
315345	7/7/2023 9:50	7/7/2023 10:00	9	0
1671958	7/7/2023 9:54	7/7/2023 10:00	5	0
1076617	7/7/2023 9:59	7/7/2023 10:00	0	0
8621797	7/7/2023 10:00	7/8/2023 0:28	868	0
46184	7/7/2023 10:00	7/8/2023 10:00	1439	0
1308096	7/7/2023 10:00	7/8/2023 10:00	1439	0
1524033	7/7/2023 10:00	7/8/2023 0:28	868	1.49
1299402	7/7/2023 10:00	7/7/2023 14:36	276	0
535771	7/7/2023 10:00	7/7/2023 13:01	181	0
1511251	7/7/2023 10:00	7/8/2023 10:00	1439	0
637185	7/7/2023 10:00	7/8/2023 10:00	1439	0
988262	7/7/2023 10:00	7/8/2023 10:00	1439	0
1309098	7/7/2023 10:00	7/7/2023 20:01	601	0.25
564357	7/7/2023 10:00	7/8/2023 10:00	1439	0
705447	7/7/2023 10:00	7/8/2023 10:00	1439	0
264186	7/7/2023 10:00	7/8/2023 10:00	1439	0
496500	7/7/2023 10:06	7/8/2023 0:28	862	0
1518241	7/7/2023 10:08	7/8/2023 0:28	860	0.08
1265626	7/7/2023 10:10	7/7/2023 20:11	601	0.01
1576533	7/7/2023 10:11	7/8/2023 0:28	857	0.68
8972545	7/7/2023 10:14	7/8/2023 0:28	854	0
265473	7/7/2023 10:15	7/7/2023 20:13	598	0
324290	7/7/2023 10:18	7/8/2023 0:28	850	0
500173	7/7/2023 10:19	7/8/2023 0:28	849	1.38
6714863	7/7/2023 10:19	7/8/2023 0:28	849	0
808829	7/7/2023 10:21	7/8/2023 0:28	847	0
1700586	7/7/2023 10:21	7/8/2023 0:28	847	0.02

583848	7/7/2023 10:24	7/8/2023 0:28	844	0
415949	7/7/2023 10:25	7/8/2023 0:28	843	0
1345699	7/7/2023 10:26	7/8/2023 0:28	842	0.47
1556602	7/7/2023 10:27	7/8/2023 0:28	841	0
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1586005	7/7/2023 10:30	7/8/2023 0:28	838	0
6733217	7/7/2023 10:31	7/8/2023 0:28	837	0.01
2032900	7/7/2023 10:35	7/8/2023 0:28	833	0
416557	7/7/2023 10:39	7/8/2023 0:28	829	0
954637	7/7/2023 10:40	7/8/2023 0:28	828	0.54
751178	7/7/2023 10:41	7/8/2023 0:28	827	0
266906	7/7/2023 10:43	7/8/2023 0:28	825	0.02
1077082	7/7/2023 10:44	7/8/2023 0:28	824	0
456099	7/7/2023 10:45	7/7/2023 20:46	601	0.17
1464949	7/7/2023 10:45	7/8/2023 0:28	823	0
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8668965	7/7/2023 10:47	7/8/2023 0:28	821	0.01
6503956	7/7/2023 10:48	7/8/2023 0:28	820	0.05
328408	7/7/2023 10:48	7/8/2023 0:28	820	0.08
299676	7/7/2023 10:51	7/8/2023 0:28	817	0
793690	7/7/2023 10:51	7/8/2023 0:28	817	0.31
6961293	7/7/2023 10:51	7/8/2023 0:28	817	0
810130	7/7/2023 10:52	7/8/2023 0:28	816	0
1320619	7/7/2023 10:54	7/8/2023 10:00	1385	0
321310	7/7/2023 11:02	7/8/2023 0:28	806	0
790670	7/7/2023 11:03	7/8/2023 0:28	805	0
656628	7/7/2023 11:05	7/8/2023 0:28	803	0.07
8734029	7/7/2023 11:06	7/8/2023 0:28	802	0
1511264	7/7/2023 11:06	7/8/2023 0:28	802	0.07
1251782	7/7/2023 11:09	7/8/2023 0:28	799	0
8766703	7/7/2023 11:09	7/8/2023 0:28	799	0
323657	7/7/2023 11:14	7/7/2023 11:30	16	0
121748	7/7/2023 11:16	7/8/2023 0:28	792	0
7415412	7/7/2023 11:16	7/8/2023 0:28	792	0.05
309944	7/7/2023 11:16	7/8/2023 0:28	792	0
663228	7/7/2023 11:18	7/8/2023 0:28	790	0
1503562	7/7/2023 11:20	7/8/2023 0:28	788	0.42
612363	7/7/2023 11:21	7/8/2023 0:28	787	0.07
160073	7/7/2023 11:25	7/8/2023 0:28	783	0
5212517	7/7/2023 11:25	7/8/2023 10:00	1354	0
1495134	7/7/2023 11:27	7/8/2023 0:28	781	0
9060925	7/7/2023 11:28	7/8/2023 0:28	780	0
323657	7/7/2023 11:30	7/8/2023 0:28	778	0.14
1681747	7/7/2023 11:32	7/8/2023 0:28	776	0
1446785	7/7/2023 11:32	7/8/2023 0:28	776	0.42
1342974	7/7/2023 11:32	7/7/2023 21:34	602	0
7533405	7/7/2023 11:39	7/8/2023 0:28	769	0.05

12746	7/7/2023 11:40	7/7/2023 21:42	602	0
324045	7/7/2023 11:44	7/7/2023 14:32	168	0
315346	7/7/2023 11:47	7/8/2023 0:28	761	0
8068454	7/7/2023 11:48	7/8/2023 0:28	760	0
304345	7/7/2023 11:55	7/8/2023 0:28	753	0
1985687	7/7/2023 11:57	7/8/2023 0:28	751	0
501613	7/7/2023 12:03	7/8/2023 0:28	745	0
1220897	7/7/2023 12:30	7/8/2023 0:28	718	0
394702	7/7/2023 12:31	7/8/2023 10:00	1288	0
395612	7/7/2023 12:34	7/8/2023 10:00	1285	0
237758	7/7/2023 12:35	7/8/2023 10:00	1284	0
535771	7/7/2023 13:01	7/8/2023 5:08	967	0
1573666	7/7/2023 13:27	7/8/2023 10:00	1232	0
1434359	7/7/2023 13:32	7/8/2023 10:00	1227	0
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859747	7/7/2023 13:59	7/8/2023 0:28	629	0
1518507	7/7/2023 13:59	7/7/2023 15:02	63	0
1551513	7/7/2023 14:04	7/8/2023 0:28	624	0
7879030	7/7/2023 14:13	7/8/2023 0:28	615	0
1509486	7/7/2023 14:17	7/8/2023 0:28	611	0
507365	7/7/2023 14:18	7/8/2023 0:28	610	0
872542	7/7/2023 14:20	7/8/2023 0:28	608	0
581832	7/7/2023 14:30	7/8/2023 0:28	598	0
9993140	7/7/2023 14:31	7/8/2023 0:28	597	0
304265	7/7/2023 14:32	7/7/2023 22:53	501	0
324045	7/7/2023 14:32	7/8/2023 0:28	596	0
378229	7/7/2023 14:35	7/8/2023 0:28	593	0
1404846	7/7/2023 14:35	7/8/2023 0:28	593	0
1299402	7/7/2023 14:36	7/8/2023 0:28	592	0
48217	7/7/2023 14:40	7/8/2023 0:28	588	0.19
817825	7/7/2023 14:41	7/8/2023 0:28	587	0
8564413	7/7/2023 14:41	7/8/2023 0:28	587	0
997397	7/7/2023 14:42	7/8/2023 0:28	586	0
572916	7/7/2023 14:46	7/8/2023 0:28	582	0
1557188	7/7/2023 14:46	7/8/2023 0:28	582	0
1512146	7/7/2023 14:46	7/8/2023 0:28	582	0
535717	7/7/2023 14:49	7/8/2023 0:28	579	0
8590289	7/7/2023 14:51	7/8/2023 0:28	577	0
1518507	7/7/2023 15:02	7/8/2023 0:28	566	0
854579	7/7/2023 15:02	7/8/2023 0:28	566	0
1555376	7/7/2023 15:02	7/7/2023 22:47	465	0
791361	7/7/2023 15:03	7/8/2023 0:28	565	0
1509487	7/7/2023 15:19	7/8/2023 0:28	549	0
1602508	7/7/2023 15:25	7/8/2023 0:28	543	0
1379121	7/7/2023 15:26	7/7/2023 22:54	448	0
49209	7/7/2023 15:28	7/8/2023 0:28	540	0
801004	7/7/2023 15:34	7/8/2023 0:28	534	0

8206792	7/7/2023 15:51	7/8/2023 0:28	517	0
1417138	7/7/2023 16:00	7/8/2023 0:28	508	0
1272457	7/7/2023 16:08	7/8/2023 0:28	500	0
693795	7/7/2023 16:34	7/8/2023 0:28	474	0
1272482	7/7/2023 16:41	7/7/2023 22:49	368	0
692438	7/7/2023 16:53	7/8/2023 0:28	455	0
698337	7/7/2023 17:04	7/8/2023 0:28	444	0
265447	7/7/2023 17:13	7/8/2023 0:28	435	0
694447	7/7/2023 17:21	7/8/2023 0:28	427	0
51483	7/7/2023 17:26	7/8/2023 0:28	422	0
1309098	7/7/2023 20:01	7/8/2023 9:53	832	0
1265626	7/7/2023 20:11	7/8/2023 10:00	828	0
265473	7/7/2023 20:13	7/8/2023 10:00	826	0
456099	7/7/2023 20:46	7/8/2023 10:00	793	0
1342974	7/7/2023 21:34	7/8/2023 10:00	745	0
12746	7/7/2023 21:42	7/8/2023 10:00	737	0
1555376	7/7/2023 22:47	7/8/2023 10:00	672	0
1272482	7/7/2023 22:49	7/8/2023 10:00	670	0
304265	7/7/2023 22:53	7/8/2023 10:00	666	0
1379121	7/7/2023 22:54	7/8/2023 10:00	665	0
693795	7/8/2023 0:28	7/8/2023 8:34	486	0
1251782	7/8/2023 0:28	7/8/2023 10:00	571	0
7415412	7/8/2023 0:28	7/8/2023 10:00	571	0
8668965	7/8/2023 0:28	7/8/2023 10:00	571	0
2032900	7/8/2023 0:28	7/8/2023 10:00	571	0
48217	7/8/2023 0:28	7/8/2023 10:00	571	0
694447	7/8/2023 0:28	7/8/2023 8:50	502	0
496500	7/8/2023 0:28	7/8/2023 10:00	571	0
8590289	7/8/2023 0:28	7/8/2023 10:00	571	0
1557188	7/8/2023 0:28	7/8/2023 10:00	571	0
1417138	7/8/2023 0:28	7/8/2023 10:00	571	0
6961293	7/8/2023 0:28	7/8/2023 10:00	571	0
500173	7/8/2023 0:28	7/8/2023 10:00	571	0
790670	7/8/2023 0:28	7/8/2023 10:00	571	0
501613	7/8/2023 0:28	7/8/2023 10:00	571	0
9993140	7/8/2023 0:28	7/8/2023 10:00	571	0
1518241	7/8/2023 0:28	7/8/2023 9:27	539	0
1576533	7/8/2023 0:28	7/8/2023 10:00	571	0
6503956	7/8/2023 0:28	7/8/2023 10:00	571	0
6733217	7/8/2023 0:28	7/8/2023 10:00	571	0
1503562	7/8/2023 0:28	7/8/2023 10:00	571	0
817825	7/8/2023 0:28	7/8/2023 10:00	571	0
793690	7/8/2023 0:28	7/8/2023 10:00	571	0
872542	7/8/2023 0:28	7/8/2023 10:00	571	0
8564413	7/8/2023 0:28	7/8/2023 10:00	571	0
854579	7/8/2023 0:28	7/8/2023 10:00	571	0
572916	7/8/2023 0:28	7/8/2023 10:00	571	0

801004	7/8/2023 0:28	7/8/2023 10:00	571	0
859747	7/8/2023 0:28	7/8/2023 10:00	571	0
1586005	7/8/2023 0:28	7/8/2023 10:00	571	0
8068454	7/8/2023 0:28	7/8/2023 10:00	571	0
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324290	7/8/2023 0:28	7/8/2023 9:34	546	0
315484	7/8/2023 0:28	7/8/2023 10:00	571	0
1557303	7/8/2023 0:28	7/8/2023 10:00	571	0
1524033	7/8/2023 0:28	7/8/2023 10:00	571	0
8972545	7/8/2023 0:28	7/8/2023 10:00	571	0
7879030	7/8/2023 0:28	7/8/2023 10:00	571	0
1404846	7/8/2023 0:28	7/8/2023 10:00	571	0
160073	7/8/2023 0:28	7/8/2023 10:00	571	0
309944	7/8/2023 0:28	7/8/2023 10:00	571	0
1509487	7/8/2023 0:28	7/8/2023 10:00	571	0
656628	7/8/2023 0:28	7/8/2023 10:00	571	0
315346	7/8/2023 0:28	7/8/2023 10:00	571	0
1464949	7/8/2023 0:28	7/8/2023 10:00	571	0
692438	7/8/2023 0:28	7/8/2023 8:20	472	0
8621797	7/8/2023 0:28	7/8/2023 10:00	571	0
1077082	7/8/2023 0:28	7/8/2023 10:00	571	0
954637	7/8/2023 0:28	7/8/2023 10:00	571	0
321310	7/8/2023 0:28	7/8/2023 10:00	571	0
663228	7/8/2023 0:28	7/8/2023 10:00	571	0
378229	7/8/2023 0:28	7/8/2023 10:00	571	0
1681747	7/8/2023 0:28	7/8/2023 10:00	571	0
612363	7/8/2023 0:28	7/8/2023 10:00	571	0
1518507	7/8/2023 0:28	7/8/2023 10:00	571	0
9060925	7/8/2023 0:28	7/8/2023 10:00	571	0
1551513	7/8/2023 0:28	7/8/2023 10:00	571	0
1495134	7/8/2023 0:28	7/8/2023 10:00	571	0
1602508	7/8/2023 0:28	7/8/2023 10:00	571	0
1985687	7/8/2023 0:28	7/8/2023 10:00	571	0
1512146	7/8/2023 0:28	7/8/2023 10:00	571	0
535717	7/8/2023 0:28	7/8/2023 10:00	571	0
9063373	7/8/2023 0:28	7/8/2023 10:00	571	0
1220897	7/8/2023 0:28	7/8/2023 10:00	571	0
507365	7/8/2023 0:28	7/8/2023 10:00	571	0
416557	7/8/2023 0:28	7/8/2023 10:00	571	0
581832	7/8/2023 0:28	7/8/2023 10:00	571	0
698337	7/8/2023 0:28	7/8/2023 9:06	518	0
1509486	7/8/2023 0:28	7/8/2023 10:00	571	0
8206792	7/8/2023 0:28	7/8/2023 10:00	571	0
8734029	7/8/2023 0:28	7/8/2023 10:00	571	0
49209	7/8/2023 0:28	7/8/2023 10:00	571	0
791361	7/8/2023 0:28	7/8/2023 10:00	571	0
7533405	7/8/2023 0:28	7/8/2023 10:00	571	0

1700586	7/8/2023 0:28	7/8/2023 10:00	571	0
304345	7/8/2023 0:28	7/8/2023 10:00	571	0
51483	7/8/2023 0:28	7/8/2023 9:33	545	0
8766703	7/8/2023 0:28	7/8/2023 10:00	571	0
1446785	7/8/2023 0:28	7/8/2023 10:00	571	0
1556602	7/8/2023 0:28	7/8/2023 10:00	571	0
323657	7/8/2023 0:28	7/8/2023 10:00	571	0
266906	7/8/2023 0:28	7/8/2023 10:00	571	0
583848	7/8/2023 0:28	7/8/2023 10:00	571	0
324045	7/8/2023 0:28	7/8/2023 10:00	571	0
572882	7/8/2023 0:28	7/8/2023 10:00	571	0
1272457	7/8/2023 0:28	7/8/2023 10:00	571	0
415949	7/8/2023 0:28	7/8/2023 10:00	571	0
1345699	7/8/2023 0:28	7/8/2023 10:00	571	0
121748	7/8/2023 0:28	7/8/2023 10:00	571	0
1299402	7/8/2023 0:28	7/8/2023 10:00	571	0
808829	7/8/2023 0:28	7/8/2023 10:00	571	0
265447	7/8/2023 0:28	7/8/2023 10:00	571	0
997397	7/8/2023 0:28	7/8/2023 10:00	571	0
328408	7/8/2023 0:28	7/8/2023 10:00	571	0
751178	7/8/2023 0:28	7/8/2023 10:00	571	0
6714863	7/8/2023 0:28	7/8/2023 10:00	571	0
1511264	7/8/2023 0:28	7/8/2023 10:00	571	0
810130	7/8/2023 0:28	7/8/2023 9:42	554	0
299676	7/8/2023 0:28	7/8/2023 10:00	571	0
535771	7/8/2023 5:08	7/8/2023 10:00	291	0
692395	7/8/2023 8:04	7/8/2023 10:00	115	0
692438	7/8/2023 8:20	7/8/2023 10:00	99	0
693795	7/8/2023 8:34	7/8/2023 10:00	85	0
694447	7/8/2023 8:50	7/8/2023 10:00	69	0
698337	7/8/2023 9:06	7/8/2023 10:00	53	0
325050	7/8/2023 9:08	7/8/2023 10:00	51	0
1430553	7/8/2023 9:19	7/8/2023 10:00	40	0
1321605	7/8/2023 9:23	7/8/2023 10:00	36	0
1518241	7/8/2023 9:27	7/8/2023 10:00	32	0
51483	7/8/2023 9:33	7/8/2023 10:00	26	0
324290	7/8/2023 9:34	7/8/2023 10:00	25	0
1368745	7/8/2023 9:34	7/8/2023 10:00	25	0
456084	7/8/2023 9:35	7/8/2023 10:00	24	0
301691	7/8/2023 9:41	7/8/2023 10:00	18	0
810130	7/8/2023 9:42	7/8/2023 10:00	17	0
307661	7/8/2023 9:44	7/8/2023 10:00	15	0
1309098	7/8/2023 9:53	7/8/2023 10:00	6	0
535771	7/8/2023 10:00	7/9/2023 10:00	1439	0
564357	7/8/2023 10:00	7/9/2023 10:00	1439	0
988262	7/8/2023 10:00	7/9/2023 10:00	1439	0
705447	7/8/2023 10:00	7/9/2023 10:00	1439	0

637185	7/8/2023 10:00	7/9/2023 10:00	1439	0
264186	7/8/2023 10:00	7/9/2023 10:00	1439	0
1308096	7/8/2023 10:00	7/9/2023 10:00	1439	0
1557303	7/8/2023 10:00	7/8/2023 20:04	604	0
46184	7/8/2023 10:00	7/9/2023 10:00	1439	0
997397	7/8/2023 10:00	7/9/2023 10:00	1439	0
304345	7/8/2023 10:00	7/9/2023 10:00	1439	0
1390184	7/8/2023 10:01	7/9/2023 0:28	867	0
6961293	7/8/2023 10:07	7/8/2023 20:11	604	0.01
496500	7/8/2023 10:07	7/8/2023 20:05	598	0
2032900	7/8/2023 10:07	7/8/2023 20:06	599	0
1511251	7/8/2023 10:08	7/8/2023 20:06	598	0
160073	7/8/2023 10:10	7/9/2023 0:28	858	0
583848	7/8/2023 10:12	7/8/2023 20:14	602	0.06
8621797	7/8/2023 10:15	7/8/2023 20:13	598	0
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1700586	7/8/2023 10:24	7/8/2023 20:22	598	0.18
324045	7/8/2023 10:24	7/8/2023 20:22	598	0
954637	7/8/2023 10:27	7/9/2023 0:28	841	0.22
7937779	7/8/2023 10:27	7/8/2023 20:30	603	0
7533405	7/8/2023 10:28	7/8/2023 19:13	525	0.32
1299402	7/8/2023 10:28	7/8/2023 20:27	599	0.11
415949	7/8/2023 10:29	7/8/2023 20:28	599	0
588308	7/8/2023 10:31	7/9/2023 0:28	837	0
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572882	7/8/2023 10:33	7/9/2023 0:28	835	0
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872542	7/8/2023 10:38	7/9/2023 0:28	830	0.07
801004	7/8/2023 10:38	7/9/2023 10:00	1401	0
1586005	7/8/2023 10:39	7/8/2023 20:36	597	0
1985687	7/8/2023 10:39	7/9/2023 0:28	829	0
323747	7/8/2023 10:39	7/8/2023 20:36	597	0
1671958	7/8/2023 10:43	7/9/2023 0:28	825	0.04
1345699	7/8/2023 10:47	7/8/2023 20:50	603	1.11
281237	7/8/2023 10:47	7/8/2023 20:47	600	1.13
266906	7/8/2023 10:47	7/8/2023 21:19	632	0
1417279	7/8/2023 10:52	7/8/2023 20:50	598	0.23
8734029	7/8/2023 10:54	7/8/2023 20:58	604	0
416557	7/8/2023 10:58	7/9/2023 0:28	810	0
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656628	7/8/2023 11:08	7/8/2023 21:12	604	1
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8972545	7/8/2023 11:21	7/8/2023 21:17	596	0
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5212517	7/8/2023 11:45	7/9/2023 0:28	763	0.01
1077082	7/8/2023 12:08	7/8/2023 17:18	310	0
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48217	7/8/2023 13:04	7/9/2023 0:28	684	0
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1443586	7/8/2023 14:39	7/9/2023 0:28	589	0
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8668965	7/8/2023 14:52	7/9/2023 0:28	576	0
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456099	7/8/2023 15:34	7/9/2023 0:28	534	0
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9066697	7/8/2023 17:36	7/8/2023 22:41	305	0
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698337	7/8/2023 18:05	7/8/2023 22:39	274	0
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2032900	7/8/2023 20:06	7/9/2023 10:00	833	0
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415949	7/8/2023 20:28	7/9/2023 10:00	811	0
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7937779	7/8/2023 20:30	7/9/2023 10:00	809	0
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323747	7/8/2023 20:36	7/9/2023 10:00	803	0
1464949	7/8/2023 20:36	7/9/2023 10:00	803	0

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1417279	7/8/2023 20:50	7/9/2023 10:00	789	0
8734029	7/8/2023 20:58	7/9/2023 10:00	781	0
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1432509	7/8/2023 21:10	7/9/2023 10:00	769	0
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1576533	7/8/2023 21:12	7/9/2023 10:00	767	0
8972545	7/8/2023 21:17	7/9/2023 10:00	762	0
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956559	7/8/2023 22:28	7/9/2023 10:00	691	0
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349232	7/8/2023 22:40	7/9/2023 10:00	679	0
8766703	7/8/2023 22:40	7/9/2023 10:00	679	0
1518241	7/8/2023 22:40	7/9/2023 8:12	572	0
9066697	7/8/2023 22:41	7/9/2023 10:00	678	0
859747	7/8/2023 22:43	7/9/2023 10:00	676	0
808829	7/8/2023 22:43	7/9/2023 10:00	676	0
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9060925	7/8/2023 22:49	7/9/2023 10:00	670	0
1443586	7/9/2023 0:28	7/9/2023 10:00	571	0
1985687	7/9/2023 0:28	7/9/2023 10:00	571	0
6992958	7/9/2023 0:28	7/9/2023 10:00	571	0
301691	7/9/2023 0:28	7/9/2023 10:00	571	0
8739323	7/9/2023 0:28	7/9/2023 10:00	571	0
501613	7/9/2023 0:28	7/9/2023 10:00	571	0
121748	7/9/2023 0:28	7/9/2023 10:00	571	0
1321750	7/9/2023 0:28	7/9/2023 10:00	571	0
1512146	7/9/2023 0:28	7/9/2023 10:00	571	0
1671958	7/9/2023 0:28	7/9/2023 10:00	571	0
456048	7/9/2023 0:28	7/9/2023 10:00	571	0
48217	7/9/2023 0:28	7/9/2023 10:00	571	0
1509487	7/9/2023 0:28	7/9/2023 10:00	571	0
751178	7/9/2023 0:28	7/9/2023 10:00	571	0
6503956	7/9/2023 0:28	7/9/2023 10:00	571	0
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872542	7/9/2023 0:28	7/9/2023 10:00	571	0
805495	7/9/2023 0:28	7/9/2023 10:00	571	0
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596659	7/9/2023 0:28	7/9/2023 10:00	571	0
693795	7/9/2023 0:28	7/9/2023 8:34	486	0
506261	7/9/2023 0:28	7/9/2023 10:00	571	0
49209	7/9/2023 0:28	7/9/2023 10:00	571	0
8068454	7/9/2023 0:28	7/9/2023 10:00	571	0
1064575	7/9/2023 0:28	7/9/2023 10:00	571	0
1509486	7/9/2023 0:28	7/9/2023 10:00	571	0
386123	7/9/2023 0:28	7/9/2023 10:00	571	0
854579	7/9/2023 0:28	7/9/2023 10:00	571	0
307661	7/9/2023 0:28	7/9/2023 10:00	571	0
306565	7/9/2023 0:28	7/9/2023 10:00	571	0
1557188	7/9/2023 0:28	7/9/2023 10:00	571	0
8668965	7/9/2023 0:28	7/9/2023 10:00	571	0
1463520	7/9/2023 0:28	7/9/2023 10:00	571	0
299676	7/9/2023 0:28	7/9/2023 10:00	571	0
954637	7/9/2023 0:28	7/9/2023 10:00	571	0
1556602	7/9/2023 0:28	7/9/2023 10:00	571	0
1272457	7/9/2023 0:28	7/9/2023 10:00	571	0
416557	7/9/2023 0:28	7/9/2023 10:00	571	0
572916	7/9/2023 0:28	7/9/2023 10:00	571	0
1434359	7/9/2023 0:28	7/9/2023 10:00	571	0
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588308	7/9/2023 0:28	7/9/2023 10:00	571	0
1681747	7/9/2023 0:51	7/9/2023 10:00	548	0
1027787	7/9/2023 0:52	7/9/2023 10:00	547	0
692395	7/9/2023 8:07	7/9/2023 10:00	112	0
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1309098	7/9/2023 9:55	7/9/2023 10:00	4	0
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637185	7/9/2023 10:00	7/10/2023 10:00	1439	0
264186	7/9/2023 10:00	7/10/2023 10:00	1439	0
772378	7/9/2023 10:00	7/10/2023 0:28	868	0
46184	7/9/2023 10:00	7/10/2023 10:00	1439	0
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1464949	7/9/2023 10:17	7/9/2023 20:21	604	0
265473	7/9/2023 10:17	7/9/2023 20:20	603	0
2032900	7/9/2023 10:21	7/10/2023 10:00	1418	0
324045	7/9/2023 10:22	7/10/2023 0:28	846	0
663228	7/9/2023 10:23	7/9/2023 20:26	603	0
1700586	7/9/2023 10:24	7/9/2023 20:23	599	0
1190820	7/9/2023 10:25	7/9/2023 20:32	607	0
954637	7/9/2023 10:27	7/10/2023 0:28	841	0
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496500	7/9/2023 10:35	7/10/2023 0:28	833	0
801004	7/9/2023 10:35	7/9/2023 20:38	603	0
507365	7/9/2023 10:37	7/9/2023 20:40	603	0
321310	7/9/2023 10:39	7/9/2023 20:37	598	0
1671958	7/9/2023 10:43	7/10/2023 0:28	825	0.09
1251782	7/9/2023 10:45	7/9/2023 20:46	601	0
583848	7/9/2023 10:45	7/9/2023 20:44	599	0
281237	7/9/2023 10:47	7/10/2023 0:28	821	0.11
572882	7/9/2023 10:47	7/9/2023 20:51	604	0.29
266906	7/9/2023 10:49	7/9/2023 20:51	602	0
1434359	7/9/2023 10:52	7/9/2023 20:50	598	0

1301093	7/9/2023 10:52	7/10/2023 0:28	816	0
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8668965	7/9/2023 10:54	7/9/2023 20:52	598	0.06
8206792	7/9/2023 10:55	7/10/2023 0:28	813	0
1320619	7/9/2023 10:56	7/9/2023 20:54	598	0
1985687	7/9/2023 10:57	7/10/2023 0:28	811	0
301691	7/9/2023 10:58	7/10/2023 0:28	810	0
415949	7/9/2023 10:59	7/9/2023 20:58	599	0
1576533	7/9/2023 11:01	7/10/2023 0:28	807	0
563721	7/9/2023 11:04	7/9/2023 21:02	598	0.12
466549	7/9/2023 11:05	7/9/2023 21:03	598	0.21
1446785	7/9/2023 11:07	7/9/2023 21:06	599	0
378229	7/9/2023 11:10	7/10/2023 0:28	798	0
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751178	7/9/2023 11:31	7/10/2023 0:28	777	0
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160073	7/9/2023 11:43	7/10/2023 0:28	765	0
304345	7/9/2023 11:45	7/9/2023 14:23	158	0
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48217	7/9/2023 13:03	7/10/2023 0:28	685	0
859747	7/9/2023 13:04	7/10/2023 0:28	684	0
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323657	7/9/2023 13:06	7/10/2023 0:28	682	0
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394702	7/9/2023 13:41	7/10/2023 0:28	647	0
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8717997	7/9/2023 14:38	7/10/2023 0:28	590	0
500173	7/9/2023 14:39	7/10/2023 0:28	589	0
791361	7/9/2023 14:39	7/10/2023 0:28	589	0
386123	7/9/2023 14:40	7/10/2023 0:28	588	0

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1281758	7/9/2023 14:59	7/10/2023 10:00	1140	0
315345	7/9/2023 15:09	7/9/2023 22:40	451	0
793690	7/9/2023 15:11	7/10/2023 0:28	557	0
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456099	7/9/2023 15:19	7/9/2023 22:40	441	0
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806370	7/9/2023 15:55	7/10/2023 0:28	513	0
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307661	7/9/2023 17:28	7/10/2023 0:28	420	0
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8950281	7/9/2023 17:45	7/10/2023 0:28	403	0
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1599629	7/9/2023 20:17	7/10/2023 8:29	732	0
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265473	7/9/2023 20:20	7/10/2023 10:00	819	0
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1700586	7/9/2023 20:23	7/10/2023 10:00	816	0
7879030	7/9/2023 20:26	7/10/2023 10:00	813	0
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1320619	7/9/2023 20:54	7/10/2023 10:00	785	0
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1446785	7/9/2023 21:06	7/10/2023 10:00	773	0
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587455	7/9/2023 22:39	7/10/2023 10:00	680	0

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395612	7/9/2023 22:40	7/10/2023 10:00	679	0
315345	7/9/2023 22:40	7/10/2023 9:52	672	0.02
8068454	7/10/2023 0:28	7/10/2023 10:00	571	0
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680322	7/10/2023 0:28	7/10/2023 10:00	571	0
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457729	7/10/2023 0:28	7/10/2023 10:00	571	0
791361	7/10/2023 0:28	7/10/2023 10:00	571	0
1301093	7/10/2023 0:28	7/10/2023 10:00	571	0
378229	7/10/2023 0:28	7/10/2023 10:00	571	0
1985687	7/10/2023 0:28	7/10/2023 10:00	571	0
330528	7/10/2023 0:28	7/10/2023 10:00	571	0
793690	7/10/2023 0:28	7/10/2023 10:00	571	0
500173	7/10/2023 0:28	7/10/2023 10:00	571	0
323657	7/10/2023 0:28	7/10/2023 10:00	571	0
501613	7/10/2023 0:28	7/10/2023 10:00	571	0
6961293	7/10/2023 0:28	7/10/2023 10:00	571	0
1576533	7/10/2023 0:28	7/10/2023 10:00	571	0
8950281	7/10/2023 0:28	7/10/2023 8:48	500	0
954637	7/10/2023 0:28	7/10/2023 10:00	571	0
394702	7/10/2023 0:28	7/10/2023 10:00	571	0
301691	7/10/2023 0:28	7/10/2023 10:00	571	0
8717997	7/10/2023 0:28	7/10/2023 10:00	571	0
496500	7/10/2023 0:28	7/10/2023 10:00	571	0
160073	7/10/2023 0:28	7/10/2023 10:00	571	0
1512146	7/10/2023 0:28	7/10/2023 10:00	571	0
7415412	7/10/2023 0:28	7/10/2023 10:00	571	0
751178	7/10/2023 0:28	7/10/2023 10:00	571	0
1671958	7/10/2023 0:28	7/10/2023 10:00	571	0
581832	7/10/2023 0:28	7/10/2023 10:00	571	0
1509486	7/10/2023 0:28	7/10/2023 10:00	571	0
772378	7/10/2023 0:28	7/10/2023 10:00	571	0
806370	7/10/2023 0:28	7/10/2023 10:00	571	0
1524033	7/10/2023 0:28	7/10/2023 10:00	571	0
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281237	7/10/2023 0:28	7/10/2023 10:00	571	0
389401	7/10/2023 0:28	7/10/2023 10:00	571	0
51483	7/10/2023 0:28	7/10/2023 8:34	486	0
854579	7/10/2023 0:28	7/10/2023 10:00	571	0
324045	7/10/2023 0:28	7/10/2023 10:00	571	0
416557	7/10/2023 0:28	7/10/2023 10:00	571	0
48217	7/10/2023 0:28	7/10/2023 10:00	571	0
859747	7/10/2023 0:28	7/10/2023 10:00	571	0
1511264	7/10/2023 0:28	7/10/2023 10:00	571	0

1509487	7/10/2023 0:28	7/10/2023 10:00	571	0
8206792	7/10/2023 0:28	7/10/2023 10:00	571	0
307661	7/10/2023 0:28	7/10/2023 10:00	571	0
956579	7/10/2023 0:28	7/10/2023 10:00	571	0
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323747	7/10/2023 0:28	7/10/2023 10:00	571	0
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315484	7/10/2023 8:25	7/10/2023 10:00	94	0
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51483	7/10/2023 8:34	7/10/2023 10:00	85	0
693795	7/10/2023 8:34	7/10/2023 10:00	85	0
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698337	7/10/2023 8:52	7/10/2023 10:00	67	0
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1390184	7/10/2023 9:48	7/10/2023 10:00	11	0
315345	7/10/2023 9:52	7/10/2023 10:00	7	0.18
1309098	7/10/2023 9:53	7/10/2023 10:00	6	0
1299402	7/10/2023 9:55	7/10/2023 10:00	4	0
6761269	7/10/2023 9:55	7/10/2023 10:00	4	0
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46184	7/10/2023 10:00	7/11/2023 10:00	1439	0
637185	7/10/2023 10:00	7/11/2023 10:00	1439	0
564357	7/10/2023 10:00	7/11/2023 10:00	1439	0
264186	7/10/2023 10:00	7/11/2023 10:00	1439	0
705447	7/10/2023 10:00	7/11/2023 10:00	1439	0
988262	7/10/2023 10:00	7/11/2023 10:00	1439	0
1308096	7/10/2023 10:00	7/11/2023 10:00	1439	0
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692395	7/10/2023 10:05	7/11/2023 0:28	863	1.08
301691	7/10/2023 10:08	7/11/2023 0:28	860	0
315088	7/10/2023 10:08	7/10/2023 20:12	604	0
324290	7/10/2023 10:09	7/10/2023 20:07	598	0.7
8511623	7/10/2023 10:09	7/10/2023 20:13	604	0
307661	7/10/2023 10:12	7/10/2023 20:14	602	0.81
1700586	7/10/2023 10:12	7/10/2023 20:11	599	1.14
1251782	7/10/2023 10:14	7/10/2023 20:14	600	0
49209	7/10/2023 10:14	7/10/2023 20:18	604	0
1671958	7/10/2023 10:15	7/11/2023 0:28	853	1.28
772378	7/10/2023 10:21	7/10/2023 13:19	178	0
507365	7/10/2023 10:22	7/10/2023 20:21	599	0
954637	7/10/2023 10:26	7/10/2023 18:49	503	0.09
6714863	7/10/2023 10:26	7/11/2023 0:28	842	0
1190820	7/10/2023 10:27	7/10/2023 20:27	600	0.55
378229	7/10/2023 10:27	7/10/2023 20:27	600	2.5
1576533	7/10/2023 10:28	7/10/2023 20:27	599	1.11

416557	7/10/2023 10:30	7/11/2023 0:28	838	0
1345699	7/10/2023 10:33	7/10/2023 19:11	518	2.02
1417138	7/10/2023 10:36	7/11/2023 0:28	832	0
265473	7/10/2023 10:36	7/10/2023 20:35	599	0
325050	7/10/2023 10:36	7/10/2023 20:36	600	0
1586005	7/10/2023 10:37	7/10/2023 20:35	598	0
801004	7/10/2023 10:38	7/10/2023 20:36	598	0
1985687	7/10/2023 10:39	7/10/2023 20:40	601	0
1503562	7/10/2023 10:40	7/10/2023 20:43	603	1.22
346288	7/10/2023 10:40	7/10/2023 20:44	604	0.72
1265626	7/10/2023 10:42	7/11/2023 10:00	1397	0
7533405	7/10/2023 10:46	7/10/2023 12:15	89	0.28
572882	7/10/2023 10:46	7/10/2023 20:48	602	0.57
854579	7/10/2023 10:49	7/11/2023 0:28	819	0
456099	7/10/2023 10:50	7/10/2023 20:48	598	0.75
281456	7/10/2023 10:51	7/10/2023 20:51	600	0
8206792	7/10/2023 10:52	7/10/2023 20:52	600	0
1552154	7/10/2023 10:52	7/10/2023 20:53	601	0.18
8068454	7/10/2023 10:52	7/11/2023 10:00	1387	0
1220897	7/10/2023 10:53	7/11/2023 0:28	815	0
806370	7/10/2023 10:54	7/11/2023 0:28	814	0
1301093	7/10/2023 10:58	7/11/2023 0:28	810	0.89
583848	7/10/2023 11:02	7/10/2023 14:22	200	0
751178	7/10/2023 11:03	7/11/2023 0:28	805	0.94
323747	7/10/2023 11:08	7/11/2023 0:28	800	0
8668965	7/10/2023 11:08	7/10/2023 21:06	598	0.16
8734029	7/10/2023 11:09	7/10/2023 21:13	604	0
343205	7/10/2023 11:10	7/10/2023 21:10	600	0
656628	7/10/2023 11:10	7/10/2023 21:11	601	0.73
1681747	7/10/2023 11:10	7/11/2023 0:28	798	0.49
345647	7/10/2023 11:14	7/11/2023 0:28	794	0
1407947	7/10/2023 11:14	7/11/2023 0:28	794	0.3
281237	7/10/2023 11:17	7/11/2023 0:28	791	1.5
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6961293	7/10/2023 11:24	7/11/2023 0:28	784	0.05
1404846	7/10/2023 11:27	7/11/2023 0:28	781	1.11
8621797	7/10/2023 11:28	7/11/2023 0:28	780	0
6623421	7/10/2023 11:39	7/11/2023 0:28	769	0.21
1432509	7/10/2023 11:39	7/11/2023 0:28	769	0
1518507	7/10/2023 11:44	7/11/2023 0:28	764	0.76
810130	7/10/2023 11:54	7/10/2023 21:54	600	0
1573666	7/10/2023 11:58	7/11/2023 0:28	750	0
1518241	7/10/2023 12:00	7/10/2023 21:56	596	0.15
1368745	7/10/2023 12:04	7/11/2023 0:28	744	0
1321605	7/10/2023 12:08	7/11/2023 0:28	740	0.11
7533405	7/10/2023 12:15	7/11/2023 10:00	1304	0
304345	7/10/2023 12:16	7/11/2023 0:28	732	0

7879030	7/10/2023 12:53	7/11/2023 0:28	695	0
581074	7/10/2023 13:02	7/11/2023 0:28	686	0
772378	7/10/2023 13:19	7/10/2023 20:19	420	0
323657	7/10/2023 14:05	7/11/2023 0:28	623	0.22
1272457	7/10/2023 14:15	7/11/2023 0:28	613	0.07
328408	7/10/2023 14:20	7/11/2023 0:28	608	0
324045	7/10/2023 14:20	7/11/2023 0:28	608	0
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583848	7/10/2023 14:22	7/11/2023 0:28	606	0
9993140	7/10/2023 14:23	7/11/2023 0:28	605	0
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1407632	7/10/2023 14:30	7/11/2023 0:28	598	0.12
588308	7/10/2023 14:32	7/10/2023 22:14	462	0
1342974	7/10/2023 14:34	7/10/2023 22:35	481	0
121748	7/10/2023 14:35	7/11/2023 0:28	593	0.07
872542	7/10/2023 14:37	7/11/2023 0:28	591	0.19
1320619	7/10/2023 14:40	7/10/2023 22:27	467	0
5212517	7/10/2023 14:44	7/10/2023 22:34	470	0
817825	7/10/2023 14:49	7/11/2023 0:28	579	0.16
9063373	7/10/2023 14:52	7/11/2023 0:28	576	0
1404622	7/10/2023 14:59	7/11/2023 0:28	569	0
808829	7/10/2023 15:11	7/11/2023 0:28	557	0
415949	7/10/2023 15:15	7/11/2023 0:28	553	0
6733217	7/10/2023 15:16	7/11/2023 0:28	552	0
1076617	7/10/2023 15:18	7/11/2023 0:28	550	0
1551513	7/10/2023 15:38	7/11/2023 0:28	530	0
1407881	7/10/2023 15:41	7/11/2023 0:28	527	0
980398	7/10/2023 15:46	7/11/2023 0:28	522	0
6992958	7/10/2023 15:52	7/11/2023 0:28	516	0
321310	7/10/2023 15:52	7/11/2023 0:28	516	0
496500	7/10/2023 15:53	7/11/2023 0:28	515	0
8972545	7/10/2023 16:21	7/11/2023 0:28	487	0
1509486	7/10/2023 16:24	7/11/2023 0:28	484	0
304265	7/10/2023 16:27	7/10/2023 22:35	368	0
1077082	7/10/2023 16:33	7/10/2023 16:38	5	0
1077082	7/10/2023 16:38	7/11/2023 0:28	470	0
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500173	7/10/2023 17:05	7/11/2023 0:28	443	0
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954637	7/10/2023 18:49	7/11/2023 10:00	910	0
1345699	7/10/2023 19:11	7/11/2023 10:00	888	0
324290	7/10/2023 20:07	7/11/2023 10:00	832	0
1700586	7/10/2023 20:11	7/11/2023 10:00	828	0
315088	7/10/2023 20:12	7/11/2023 10:00	827	0

8511623	7/10/2023 20:13	7/11/2023 10:00	826	0
307661	7/10/2023 20:14	7/11/2023 9:58	824	0
1251782	7/10/2023 20:14	7/11/2023 10:00	825	0
49209	7/10/2023 20:18	7/11/2023 10:00	821	0
772378	7/10/2023 20:19	7/11/2023 10:00	820	0
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1251782	7/11/2023 10:13	7/11/2023 20:13	600	0
581074	7/11/2023 10:17	7/11/2023 20:21	604	0
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507365	7/11/2023 10:51	7/12/2023 10:00	1388	0
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791510	7/11/2023 11:27	7/12/2023 10:00	1352	0
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1503562	7/11/2023 11:59	7/12/2023 0:28	749	0
810130	7/11/2023 11:59	7/11/2023 21:57	598	0
8621797	7/11/2023 12:10	7/11/2023 20:31	501	0
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1681747	7/11/2023 14:07	7/12/2023 0:28	621	0
323657	7/11/2023 14:07	7/12/2023 0:28	621	0.19
583848	7/11/2023 14:15	7/12/2023 0:28	613	0
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1077082	7/11/2023 14:46	7/12/2023 0:28	582	0
817825	7/11/2023 14:46	7/12/2023 0:28	582	0
8972545	7/11/2023 14:50	7/12/2023 0:28	578	0
328408	7/11/2023 14:50	7/12/2023 0:28	578	0
1555376	7/11/2023 14:52	7/12/2023 0:28	576	0
8668965	7/11/2023 14:52	7/12/2023 0:28	576	0
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7533405	7/11/2023 20:11	7/12/2023 10:00	828	0
1251782	7/11/2023 20:13	7/12/2023 10:00	826	0
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581074	7/11/2023 20:21	7/12/2023 10:00	818	0
8734029	7/11/2023 20:27	7/12/2023 10:00	812	0
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581832	7/11/2023 20:34	7/12/2023 10:00	805	0

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378229	7/11/2023 20:39	7/12/2023 10:00	800	0
772378	7/11/2023 20:39	7/12/2023 10:00	800	0
1700586	7/11/2023 20:41	7/12/2023 10:00	798	0
1301093	7/11/2023 20:54	7/12/2023 10:00	785	0
346288	7/11/2023 20:58	7/12/2023 9:56	778	0
8511623	7/11/2023 21:06	7/12/2023 10:00	773	0
658177	7/11/2023 21:10	7/12/2023 10:00	769	0
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751178	7/12/2023 0:28	7/12/2023 10:00	571	0
501613	7/12/2023 0:28	7/12/2023 10:00	571	0
872542	7/12/2023 0:28	7/12/2023 10:00	571	0
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1503562	7/12/2023 0:28	7/12/2023 10:00	571	0
805495	7/12/2023 0:28	7/12/2023 10:00	571	0
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323747	7/12/2023 0:28	7/12/2023 10:00	571	0
328408	7/12/2023 0:28	7/12/2023 10:00	571	0
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457729	7/12/2023 0:28	7/12/2023 10:00	571	0
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6961293	7/12/2023 0:28	7/12/2023 10:00	571	0
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456099	7/12/2023 0:28	7/12/2023 10:00	571	0
1681747	7/12/2023 0:28	7/12/2023 10:00	571	0
8387677	7/12/2023 0:28	7/12/2023 10:00	571	0
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6503956	7/12/2023 0:28	7/12/2023 10:00	571	0
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1404622	7/12/2023 0:28	7/12/2023 10:00	571	0

1006339	7/12/2023 0:28	7/12/2023 10:00	571	0
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1671958	7/12/2023 10:17	7/12/2023 20:16	599	0.13
265473	7/12/2023 10:19	7/12/2023 20:17	598	0
6961293	7/12/2023 10:22	7/12/2023 20:26	604	0.13
1190820	7/12/2023 10:22	7/12/2023 20:22	600	0
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572882	7/12/2023 10:47	7/12/2023 20:50	603	0.07
954637	7/12/2023 10:47	7/12/2023 20:45	598	0.02

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1404846	7/12/2023 10:57	7/12/2023 20:56	599	0.64
160073	7/12/2023 10:58	7/12/2023 20:58	600	0
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1320845	7/12/2023 11:10	7/13/2023 0:28	798	0.99
583848	7/12/2023 11:13	7/12/2023 21:11	598	0
1404622	7/12/2023 11:14	7/13/2023 0:28	794	0
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7415412	7/12/2023 11:21	7/12/2023 21:21	600	0.05
325050	7/12/2023 11:22	7/12/2023 21:22	600	0
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1321605	7/12/2023 11:38	7/13/2023 0:28	770	0.59
345647	7/12/2023 11:41	7/12/2023 21:41	600	0
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6623421	7/12/2023 11:50	7/12/2023 18:39	409	0
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9993140	7/12/2023 12:36	7/13/2023 10:00	1283	0
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8972545	7/12/2023 13:35	7/13/2023 0:28	653	0
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1557188	7/12/2023 14:19	7/12/2023 22:17	478	0
349232	7/12/2023 14:26	7/13/2023 0:28	602	0
415949	7/12/2023 14:27	7/13/2023 0:28	601	0
817825	7/12/2023 14:30	7/13/2023 0:28	598	0
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1363236	7/12/2023 14:50	7/13/2023 0:38	588	0
9060925	7/12/2023 14:50	7/13/2023 0:28	578	0
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312766	7/12/2023 15:45	7/12/2023 22:34	409	0
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8206792	7/12/2023 16:07	7/12/2023 22:12	365	0
315708	7/12/2023 16:14	7/12/2023 22:39	385	0
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859747	7/12/2023 16:19	7/13/2023 0:28	489	0
860281	7/12/2023 16:35	7/12/2023 22:26	351	0
1573666	7/12/2023 16:43	7/12/2023 22:30	347	0
279780	7/12/2023 17:48	7/12/2023 22:33	285	0
609779	7/12/2023 17:53	7/12/2023 22:37	284	0
315484	7/12/2023 18:14	7/12/2023 22:37	263	0
6623421	7/12/2023 18:39	7/13/2023 10:00	920	0
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7879030	7/12/2023 20:14	7/13/2023 10:00	825	0
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1406535	7/12/2023 20:15	7/13/2023 10:00	824	0
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1671958	7/12/2023 20:16	7/13/2023 10:00	823	0
265473	7/12/2023 20:17	7/13/2023 10:00	822	0
1430553	7/12/2023 20:20	7/13/2023 9:32	792	0
496500	7/12/2023 20:21	7/13/2023 10:00	818	0
1190820	7/12/2023 20:22	7/13/2023 10:00	817	0
301691	7/12/2023 20:24	7/13/2023 9:42	798	0
6961293	7/12/2023 20:26	7/13/2023 10:00	813	0
416557	7/12/2023 20:28	7/13/2023 10:00	811	0
1525793	7/12/2023 20:28	7/13/2023 10:00	811	0
1985687	7/12/2023 20:29	7/13/2023 10:00	810	0
281456	7/12/2023 20:33	7/13/2023 10:00	806	0
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378229	7/12/2023 20:41	7/13/2023 10:00	798	0
954637	7/12/2023 20:45	7/13/2023 10:00	794	0
266906	7/12/2023 20:48	7/13/2023 10:00	791	0
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328408	7/12/2023 20:50	7/13/2023 10:00	789	0
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6733217	7/12/2023 20:59	7/13/2023 10:00	780	0
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583848	7/12/2023 21:11	7/13/2023 10:00	768	0
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325050	7/12/2023 21:22	7/13/2023 10:00	757	0
8734029	7/12/2023 21:28	7/13/2023 10:00	751	0
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7533405	7/12/2023 21:34	7/13/2023 10:00	745	0
345647	7/12/2023 21:41	7/13/2023 10:00	738	0
1557303	7/12/2023 21:49	7/13/2023 10:00	730	0
1518507	7/12/2023 22:06	7/13/2023 10:00	713	0
1407632	7/12/2023 22:10	7/13/2023 10:00	709	0
8206792	7/12/2023 22:12	7/13/2023 10:00	707	0
1407947	7/12/2023 22:14	7/13/2023 10:00	705	0
1557188	7/12/2023 22:17	7/13/2023 10:00	702	0
1464949	7/12/2023 22:21	7/13/2023 10:00	698	0
7937779	7/12/2023 22:22	7/13/2023 10:00	697	0
8511623	7/12/2023 22:23	7/13/2023 9:39	676	0
860281	7/12/2023 22:26	7/13/2023 10:00	693	0
1006339	7/12/2023 22:27	7/13/2023 10:00	692	0

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1511251	7/12/2023 22:30	7/13/2023 10:00	689	0
8739323	7/12/2023 22:31	7/13/2023 10:00	688	0
560588	7/12/2023 22:31	7/13/2023 10:00	688	0
279780	7/12/2023 22:33	7/13/2023 10:00	686	0
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304345	7/12/2023 22:34	7/13/2023 10:00	685	0
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1509487	7/12/2023 22:36	7/13/2023 10:00	683	0
315484	7/12/2023 22:37	7/13/2023 8:09	572	0
609779	7/12/2023 22:37	7/13/2023 10:00	682	0
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121748	7/12/2023 22:41	7/13/2023 10:00	678	0
9063373	7/12/2023 22:41	7/13/2023 10:00	678	0
309944	7/12/2023 22:42	7/13/2023 10:00	677	0
6992958	7/12/2023 22:42	7/13/2023 10:00	677	0
457729	7/12/2023 22:47	7/13/2023 10:00	672	0
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415949	7/13/2023 0:28	7/13/2023 10:00	571	0
1321605	7/13/2023 0:28	7/13/2023 9:36	548	0
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8972545	7/13/2023 0:28	7/13/2023 10:00	571	0
456099	7/13/2023 0:28	7/13/2023 10:00	571	0
1299402	7/13/2023 0:28	7/13/2023 7:53	445	0
1407881	7/13/2023 0:28	7/13/2023 10:00	571	0
1077082	7/13/2023 0:28	7/13/2023 10:00	571	0
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1503562	7/13/2023 0:28	7/13/2023 10:00	571	0
658177	7/13/2023 0:28	7/13/2023 10:00	571	0
8668965	7/13/2023 0:28	7/13/2023 10:00	571	0
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8766703	7/13/2023 0:28	7/13/2023 10:00	571	0
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1700586	7/13/2023 0:28	7/13/2023 10:00	571	0
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1363236	7/13/2023 0:38	7/13/2023 10:00	561	0
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637185	7/13/2023 10:00	7/14/2023 10:00	1439	0
264186	7/13/2023 10:00	7/14/2023 10:00	1439	0
705447	7/13/2023 10:00	7/14/2023 10:00	1439	0
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6761269	7/13/2023 10:10	7/14/2023 0:28	858	0
6961293	7/13/2023 10:10	7/14/2023 0:28	858	0.16

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415949	7/13/2023 10:14	7/14/2023 0:28	854	0
8950281	7/13/2023 10:18	7/14/2023 0:28	850	0
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872542	7/13/2023 10:26	7/14/2023 0:28	842	0.4
1406535	7/13/2023 10:26	7/14/2023 0:28	842	1.28
416557	7/13/2023 10:28	7/14/2023 0:28	840	0
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321310	7/13/2023 10:39	7/14/2023 0:28	829	0
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801004	7/13/2023 10:51	7/14/2023 0:28	817	0
266906	7/13/2023 10:51	7/14/2023 0:28	817	0.58
6503956	7/13/2023 10:52	7/14/2023 0:28	816	0.86
564518	7/13/2023 10:53	7/14/2023 0:28	815	0
810130	7/13/2023 10:57	7/14/2023 0:28	811	0
345647	7/13/2023 10:57	7/14/2023 0:28	811	0
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315345	7/13/2023 11:07	7/13/2023 21:11	604	0.12
1093833	7/13/2023 11:08	7/14/2023 0:28	800	0.11
808829	7/13/2023 11:11	7/14/2023 0:28	797	0
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6733217	7/13/2023 11:11	7/14/2023 0:28	797	0.05
1407632	7/13/2023 11:14	7/14/2023 0:28	794	0.8
1363236	7/13/2023 11:14	7/14/2023 0:28	794	0.07
1378692	7/13/2023 11:15	7/13/2023 21:13	598	0
7415412	7/13/2023 11:17	7/14/2023 0:28	791	1.57
1681747	7/13/2023 11:22	7/14/2023 0:28	786	0
656628	7/13/2023 11:24	7/14/2023 0:28	784	1.33
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7533405	7/13/2023 11:28	7/14/2023 0:28	780	0.98
1378128	7/13/2023 11:29	7/14/2023 0:28	779	0.02
328408	7/13/2023 11:34	7/14/2023 0:28	774	0.38
9993140	7/13/2023 11:37	7/14/2023 0:28	771	0
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583848	7/13/2023 11:43	7/14/2023 0:28	765	0
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8621797	7/13/2023 11:56	7/14/2023 0:28	752	0
1576533	7/13/2023 11:59	7/14/2023 0:28	749	0.34

1985687	7/13/2023 12:09	7/14/2023 0:28	739	0
304345	7/13/2023 12:13	7/14/2023 0:28	735	0
1076617	7/13/2023 12:36	7/14/2023 10:00	1283	0
1464949	7/13/2023 12:57	7/14/2023 0:28	691	0
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8972545	7/13/2023 13:33	7/14/2023 0:28	655	0
1557100	7/13/2023 13:33	7/14/2023 0:28	655	0
456099	7/13/2023 13:33	7/14/2023 10:00	1226	0
1393633	7/13/2023 13:43	7/13/2023 22:38	535	0
1518507	7/13/2023 13:46	7/13/2023 14:01	15	0.02
501613	7/13/2023 13:48	7/13/2023 14:04	16	0
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1077082	7/13/2023 13:49	7/14/2023 0:28	639	0
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1518507	7/13/2023 14:01	7/14/2023 0:28	627	0
501613	7/13/2023 14:04	7/14/2023 0:28	624	0
457729	7/13/2023 14:05	7/14/2023 0:28	623	0
309944	7/13/2023 14:06	7/14/2023 0:28	622	0
1518502	7/13/2023 14:07	7/14/2023 0:28	621	0
1511251	7/13/2023 14:10	7/14/2023 0:28	618	0
5834752	7/13/2023 14:13	7/14/2023 0:28	615	0
1557303	7/13/2023 14:16	7/14/2023 0:28	612	0.3
48217	7/13/2023 14:17	7/14/2023 0:28	611	0.01
1020274	7/13/2023 14:17	7/14/2023 0:28	611	0
1557188	7/13/2023 14:17	7/14/2023 0:28	611	0
8206792	7/13/2023 14:22	7/14/2023 0:28	606	0
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8734029	7/13/2023 14:27	7/14/2023 0:28	601	0
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9063373	7/13/2023 14:38	7/14/2023 0:28	590	0
1432509	7/13/2023 14:38	7/14/2023 0:28	590	0
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5212517	7/13/2023 14:42	7/14/2023 0:28	586	0.05
251248	7/13/2023 14:43	7/14/2023 0:28	585	0
49209	7/13/2023 14:46	7/14/2023 0:28	582	0
563721	7/13/2023 14:48	7/14/2023 0:28	580	0
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1495134	7/13/2023 14:50	7/14/2023 0:28	578	0
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1006339	7/13/2023 14:53	7/14/2023 0:28	575	0
1511264	7/13/2023 14:56	7/14/2023 0:28	572	0.02
1407881	7/13/2023 14:59	7/14/2023 0:28	569	0
325050	7/13/2023 15:06	7/14/2023 0:28	562	0
1555376	7/13/2023 15:07	7/13/2023 22:52	465	0
1404846	7/13/2023 15:13	7/14/2023 0:28	555	0

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274064	7/13/2023 15:20	7/13/2023 22:40	440	0
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1404622	7/13/2023 15:30	7/14/2023 0:28	538	0
1254749	7/13/2023 15:33	7/14/2023 0:28	535	0
324290	7/13/2023 15:37	7/14/2023 0:28	531	0
1509486	7/13/2023 15:39	7/14/2023 0:28	529	0
6162958	7/13/2023 15:44	7/14/2023 0:28	524	0
8564413	7/13/2023 15:46	7/14/2023 0:28	522	0
572916	7/13/2023 15:48	7/14/2023 0:28	520	0
1509487	7/13/2023 15:52	7/14/2023 0:28	516	0
1417138	7/13/2023 16:04	7/14/2023 0:28	504	0
1512146	7/13/2023 16:12	7/14/2023 0:28	496	0
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1551513	7/13/2023 16:20	7/14/2023 0:28	488	0
344641	7/13/2023 16:29	7/14/2023 0:28	479	0
1527384	7/13/2023 16:31	7/14/2023 0:28	477	0
347031	7/13/2023 16:45	7/14/2023 0:28	463	0
279780	7/13/2023 16:50	7/14/2023 0:28	458	0
775199	7/13/2023 16:54	7/14/2023 0:28	454	0
817825	7/13/2023 17:32	7/14/2023 0:28	416	0
8766703	7/13/2023 17:32	7/14/2023 0:28	416	0
1502969	7/13/2023 17:35	7/13/2023 22:44	309	0
1664763	7/13/2023 17:38	7/13/2023 17:44	6	0
1664763	7/13/2023 17:44	7/13/2023 19:29	105	0
716420	7/13/2023 17:46	7/14/2023 0:28	402	0
1664763	7/13/2023 19:29	7/13/2023 19:44	15	0
1664763	7/13/2023 19:44	7/13/2023 22:01	137	0
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265473	7/13/2023 20:32	7/14/2023 10:00	807	0
1320619	7/13/2023 21:09	7/14/2023 9:08	719	0
315345	7/13/2023 21:11	7/14/2023 10:00	768	0
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1664763	7/13/2023 22:01	7/13/2023 22:27	26	0
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1664763	7/13/2023 22:33	7/14/2023 0:07	94	0
1393633	7/13/2023 22:38	7/14/2023 10:00	681	0
274064	7/13/2023 22:40	7/14/2023 10:00	679	0
1502969	7/13/2023 22:44	7/14/2023 10:00	675	0
1555376	7/13/2023 22:52	7/14/2023 10:00	667	0
1664763	7/14/2023 0:07	7/14/2023 4:00	233	0
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416557	7/14/2023 0:28	7/14/2023 10:00	571	0
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266906	7/14/2023 0:28	7/14/2023 10:00	571	0
1518507	7/14/2023 0:28	7/14/2023 9:27	539	0
344641	7/14/2023 0:28	7/14/2023 10:00	571	0
775199	7/14/2023 0:28	7/14/2023 10:00	571	0
8621797	7/14/2023 0:28	7/14/2023 10:00	571	0
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1254749	7/14/2023 0:28	7/14/2023 10:00	571	0
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1432509	7/14/2023 0:28	7/14/2023 10:00	571	0
280935	7/14/2023 0:28	7/14/2023 10:00	571	0
8206792	7/14/2023 0:28	7/14/2023 10:00	571	0
1985687	7/14/2023 0:28	7/14/2023 9:54	566	0
8950281	7/14/2023 0:28	7/14/2023 8:32	484	0
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801004	7/14/2023 0:28	7/14/2023 10:00	571	0
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6961293	7/14/2023 0:28	7/14/2023 10:00	571	0
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328408	7/14/2023 0:28	7/14/2023 10:00	571	0
325050	7/14/2023 0:28	7/14/2023 10:00	571	0
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7415412	7/14/2023 0:28	7/14/2023 10:00	571	0
8511715	7/14/2023 0:28	7/14/2023 10:00	571	0
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658177	7/14/2023 0:28	7/14/2023 10:00	571	0
817825	7/14/2023 0:28	7/14/2023 10:00	571	0
1681747	7/14/2023 0:28	7/14/2023 10:00	571	0
1343091	7/14/2023 0:28	7/14/2023 10:00	571	0

1586005	7/14/2023 0:28	7/14/2023 10:00	571	0
810130	7/14/2023 0:28	7/14/2023 10:00	571	0
1363236	7/14/2023 0:28	7/14/2023 10:00	571	0
7533405	7/14/2023 0:28	7/14/2023 10:00	571	0
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8564413	7/14/2023 0:28	7/14/2023 10:00	571	0
9993140	7/14/2023 0:28	7/14/2023 10:00	571	0
1509486	7/14/2023 0:28	7/14/2023 10:00	571	0
772378	7/14/2023 0:28	7/14/2023 10:00	571	0
346288	7/14/2023 0:28	7/14/2023 10:00	571	0
347031	7/14/2023 0:28	7/14/2023 10:00	571	0
1406535	7/14/2023 0:28	7/14/2023 7:57	449	0
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563721	7/14/2023 0:28	7/14/2023 10:00	571	0
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8734029	7/14/2023 0:28	7/14/2023 10:00	571	0
716420	7/14/2023 0:28	7/14/2023 10:00	571	0
1503562	7/14/2023 0:28	7/14/2023 10:00	571	0
8766703	7/14/2023 0:28	7/14/2023 10:00	571	0
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5834752	7/14/2023 0:28	7/14/2023 10:00	571	0
572883	7/14/2023 0:28	7/14/2023 10:00	571	0
1557188	7/14/2023 0:28	7/14/2023 10:00	571	0
8972545	7/14/2023 0:28	7/14/2023 10:00	571	0
1020274	7/14/2023 0:28	7/14/2023 10:00	571	0
6503956	7/14/2023 0:28	7/14/2023 9:22	534	0
1093833	7/14/2023 0:28	7/14/2023 10:00	571	0
49209	7/14/2023 0:28	7/14/2023 10:00	571	0
279780	7/14/2023 0:28	7/14/2023 10:00	571	0
805495	7/14/2023 0:28	7/14/2023 10:00	571	0
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751178	7/14/2023 0:28	7/14/2023 10:00	571	0
6761269	7/14/2023 0:28	7/14/2023 10:00	571	0
1407632	7/14/2023 0:28	7/14/2023 10:00	571	0
733328	7/14/2023 0:28	7/14/2023 10:00	571	0
5212517	7/14/2023 0:28	7/14/2023 10:00	571	0
1557100	7/14/2023 0:28	7/14/2023 10:00	571	0
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8950281	7/14/2023 8:32	7/14/2023 10:00	87	0
693795	7/14/2023 8:34	7/14/2023 10:00	85	0
500173	7/14/2023 8:37	7/14/2023 10:00	82	0.18
692438	7/14/2023 8:49	7/14/2023 10:00	70	0
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46184	7/14/2023 10:00	7/15/2023 10:00	1439	0
637185	7/14/2023 10:00	7/15/2023 10:00	1439	0
705447	7/14/2023 10:00	7/15/2023 10:00	1439	0
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564357	7/14/2023 10:00	7/15/2023 10:00	1439	0
1390184	7/14/2023 10:00	7/15/2023 0:28	868	0
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872542	7/14/2023 10:00	7/15/2023 0:28	868	0.53
1321605	7/14/2023 10:06	7/14/2023 20:09	603	0.68
1309098	7/14/2023 10:08	7/15/2023 0:28	860	1.42
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8621797	7/14/2023 10:11	7/14/2023 20:15	604	0
583848	7/14/2023 10:13	7/14/2023 20:11	598	0
1700586	7/14/2023 10:15	7/14/2023 20:15	600	0.14
1464949	7/14/2023 10:18	7/14/2023 20:17	599	0
954637	7/14/2023 10:19	7/14/2023 20:18	599	0.17
1220897	7/14/2023 10:20	7/14/2023 20:20	600	0
507365	7/14/2023 10:23	7/14/2023 20:22	599	0
416557	7/14/2023 10:27	7/14/2023 20:31	604	0
1190820	7/14/2023 10:31	7/15/2023 0:28	837	0.02
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265473	7/14/2023 10:32	7/15/2023 0:28	836	0
8972545	7/14/2023 10:33	7/14/2023 20:32	599	0
6961293	7/14/2023 10:36	7/14/2023 17:20	404	0
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2032900	7/14/2023 10:39	7/14/2023 20:38	599	0.1
1586005	7/14/2023 10:39	7/14/2023 20:37	598	0
307661	7/14/2023 10:42	7/14/2023 20:45	603	0.36
563721	7/14/2023 10:45	7/14/2023 20:49	604	0.09
266906	7/14/2023 10:46	7/14/2023 20:51	605	0.51
751178	7/14/2023 10:48	7/15/2023 0:28	820	0.2
1557303	7/14/2023 10:48	7/14/2023 17:27	399	0.48
8068454	7/14/2023 10:49	7/14/2023 20:53	604	0
281237	7/14/2023 10:49	7/14/2023 20:49	600	1.17
321310	7/14/2023 10:49	7/15/2023 10:00	1390	0
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1681747	7/14/2023 10:52	7/15/2023 0:28	816	0
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346288	7/14/2023 10:55	7/14/2023 20:58	603	0.51
1511264	7/14/2023 10:55	7/15/2023 10:00	1384	0
1301093	7/14/2023 10:59	7/14/2023 21:00	601	1.36
6733217	7/14/2023 11:00	7/15/2023 0:28	808	0.62
1671958	7/14/2023 11:01	7/15/2023 0:28	807	1.13
501613	7/14/2023 11:04	7/15/2023 0:28	804	0
121748	7/14/2023 11:05	7/15/2023 0:28	803	0
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1093833	7/14/2023 11:06	7/15/2023 0:28	802	0.21

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1518502	7/14/2023 11:12	7/14/2023 21:11	599	0.04
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160073	7/14/2023 11:13	7/15/2023 0:28	795	0.14
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6623421	7/14/2023 11:20	7/14/2023 21:23	603	0.11
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306565	7/14/2023 11:26	7/14/2023 21:30	604	0
7937779	7/14/2023 11:29	7/14/2023 13:30	121	0
1557100	7/14/2023 11:31	7/14/2023 21:35	604	0
415949	7/14/2023 11:32	7/14/2023 21:30	598	0
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456099	7/14/2023 11:35	7/15/2023 0:36	781	0.11
1502969	7/14/2023 11:36	7/14/2023 13:31	115	0.1
345647	7/14/2023 11:41	7/14/2023 21:41	600	0
1503562	7/14/2023 11:43	7/14/2023 21:42	599	0.46
6992958	7/14/2023 11:52	7/15/2023 0:28	756	0
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8511623	7/14/2023 12:56	7/15/2023 10:00	1263	0
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693795	7/14/2023 13:19	7/14/2023 17:29	250	0
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1430553	7/14/2023 13:32	7/15/2023 0:28	656	0.09
1551513	7/14/2023 13:36	7/15/2023 0:28	652	0
698337	7/14/2023 13:37	7/14/2023 18:19	282	0
1985687	7/14/2023 13:54	7/15/2023 1:00	666	0
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325050	7/14/2023 17:14	7/15/2023 0:28	434	0
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6961293	7/14/2023 17:20	7/15/2023 0:28	428	0
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8766703	7/14/2023 17:22	7/14/2023 22:37	315	0
1557303	7/14/2023 17:27	7/15/2023 0:28	421	0
693795	7/14/2023 17:29	7/15/2023 0:28	419	0
324290	7/14/2023 17:31	7/15/2023 0:28	417	0
500173	7/14/2023 17:32	7/15/2023 0:28	416	0
1406535	7/14/2023 17:40	7/15/2023 0:28	408	0
1368745	7/14/2023 17:42	7/15/2023 0:28	406	0

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692438	7/14/2023 17:45	7/14/2023 22:08	263	0
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822069	7/14/2023 17:53	7/15/2023 0:28	395	0
1525793	7/14/2023 17:53	7/15/2023 0:28	395	0
694447	7/14/2023 18:00	7/14/2023 22:01	241	0
698337	7/14/2023 18:19	7/14/2023 22:15	236	0
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6761269	7/14/2023 20:12	7/15/2023 10:00	827	0
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954637	7/14/2023 20:18	7/15/2023 10:00	821	0
1220897	7/14/2023 20:20	7/15/2023 10:00	819	0
507365	7/14/2023 20:22	7/15/2023 10:00	817	0
416557	7/14/2023 20:31	7/15/2023 10:00	808	0
8972545	7/14/2023 20:32	7/15/2023 10:00	807	0
281456	7/14/2023 20:36	7/15/2023 10:00	803	0
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563721	7/14/2023 20:49	7/15/2023 10:00	790	0
1473365	7/14/2023 20:49	7/15/2023 0:50	241	0
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346288	7/14/2023 20:58	7/15/2023 10:00	781	0
1301093	7/14/2023 21:00	7/15/2023 10:00	779	0
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810130	7/14/2023 21:24	7/15/2023 10:00	755	0
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692438	7/14/2023 22:08	7/15/2023 8:51	643	0
698337	7/14/2023 22:15	7/15/2023 9:19	664	0
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6961293	7/15/2023 0:28	7/15/2023 10:00	571	0
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1671958	7/15/2023 0:28	7/15/2023 10:00	571	0
1430553	7/15/2023 0:28	7/15/2023 9:34	546	0
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1406535	7/15/2023 0:28	7/15/2023 10:00	571	0
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822069	7/15/2023 0:28	7/15/2023 10:00	571	0
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872542	7/15/2023 0:28	7/15/2023 10:00	571	0
1502969	7/15/2023 0:28	7/15/2023 10:00	571	0
324290	7/15/2023 0:28	7/15/2023 10:00	571	0
6714863	7/15/2023 0:28	7/15/2023 10:00	571	0
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6503956	7/15/2023 0:28	7/15/2023 10:00	571	0
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456084	7/15/2023 0:28	7/15/2023 10:00	571	0
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1390184	7/15/2023 0:28	7/15/2023 10:00	571	0
1309098	7/15/2023 0:28	7/15/2023 10:00	571	0
693795	7/15/2023 0:28	7/15/2023 8:34	486	0
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500173	7/15/2023 0:28	7/15/2023 8:19	471	0
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1985687	7/15/2023 1:00	7/15/2023 10:00	539	0
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500173	7/15/2023 8:19	7/15/2023 10:00	100	0
692395	7/15/2023 8:20	7/15/2023 10:00	99	0
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693795	7/15/2023 8:34	7/15/2023 10:00	85	0
51483	7/15/2023 8:46	7/15/2023 10:00	73	0
692438	7/15/2023 8:51	7/15/2023 10:00	68	0
7533405	7/15/2023 8:51	7/15/2023 8:56	5	0
7533405	7/15/2023 8:56	7/15/2023 10:00	63	0
694447	7/15/2023 9:03	7/15/2023 10:00	56	0
1076617	7/15/2023 9:18	7/15/2023 10:00	41	0
698337	7/15/2023 9:19	7/15/2023 10:00	40	0
1321605	7/15/2023 9:21	7/15/2023 10:00	38	0
1518241	7/15/2023 9:26	7/15/2023 10:00	33	0
8950281	7/15/2023 9:33	7/15/2023 10:00	26	0
1430553	7/15/2023 9:34	7/15/2023 10:00	25	0
1368745	7/15/2023 9:47	7/15/2023 10:00	12	0
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8621797	7/15/2023 9:56	7/15/2023 10:00	3	0
1299402	7/15/2023 9:56	7/15/2023 10:00	3	0
1576533	7/15/2023 9:59	7/15/2023 10:00	0	0
637185	7/15/2023 10:00	7/16/2023 10:00	1439	0
564357	7/15/2023 10:00	7/16/2023 10:00	1439	0.02
1077082	7/15/2023 10:00	7/16/2023 10:00	1439	0
496500	7/15/2023 10:00	7/15/2023 20:03	603	0
705447	7/15/2023 10:00	7/16/2023 10:00	1439	0
1586005	7/15/2023 10:00	7/15/2023 20:09	609	0
501613	7/15/2023 10:00	7/15/2023 20:03	603	0
264186	7/15/2023 10:00	7/16/2023 10:00	1439	0
46184	7/15/2023 10:00	7/16/2023 10:00	1439	0
1557188	7/15/2023 10:00	7/15/2023 20:06	606	0
1308096	7/15/2023 10:00	7/16/2023 10:00	1439	0
988262	7/15/2023 10:00	7/16/2023 10:00	1439	0
1390184	7/15/2023 10:01	7/15/2023 20:33	632	0
415949	7/15/2023 10:01	7/16/2023 0:28	867	0
1556602	7/15/2023 10:02	7/16/2023 0:28	866	0
1552154	7/15/2023 10:07	7/15/2023 20:06	599	0.99
6961293	7/15/2023 10:08	7/15/2023 20:12	604	0.18
1309098	7/15/2023 10:09	7/15/2023 20:11	602	1.18
1985687	7/15/2023 10:09	7/15/2023 20:09	600	0
1700586	7/15/2023 10:10	7/16/2023 0:28	858	0.1
583848	7/15/2023 10:12	7/15/2023 20:15	603	0
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301691	7/15/2023 10:26	7/15/2023 20:24	598	0
416557	7/15/2023 10:31	7/15/2023 20:29	598	0
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6761269	7/15/2023 10:39	7/15/2023 20:42	603	0
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6733217	7/15/2023 10:43	7/15/2023 21:00	617	0.18
954637	7/15/2023 10:44	7/15/2023 20:42	598	0.44
563721	7/15/2023 10:44	7/16/2023 0:28	824	0.38
266906	7/15/2023 10:49	7/16/2023 0:28	819	0.25
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1509486	7/15/2023 10:52	7/16/2023 0:28	816	0.51
8734029	7/15/2023 10:53	7/16/2023 0:28	815	0
325050	7/15/2023 10:53	7/15/2023 20:53	600	0
346288	7/15/2023 10:58	7/16/2023 0:28	810	0.08
1671261	7/15/2023 10:58	7/16/2023 10:00	1381	0
1406535	7/15/2023 10:59	7/16/2023 0:28	809	0.58
323747	7/15/2023 11:04	7/15/2023 11:52	48	0
324045	7/15/2023 11:04	7/15/2023 11:36	32	0
854579	7/15/2023 11:06	7/15/2023 21:02	596	0
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160073	7/15/2023 11:12	7/15/2023 21:12	600	0
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1363236	7/15/2023 11:13	7/16/2023 0:28	795	0.86
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323657	7/15/2023 11:21	7/15/2023 21:19	598	0.39
7415412	7/15/2023 11:21	7/15/2023 21:21	600	0.36
307661	7/15/2023 11:23	7/15/2023 11:39	16	0
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324045	7/15/2023 11:36	7/15/2023 21:39	603	0
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7937779	7/15/2023 11:43	7/15/2023 21:48	605	0
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304345	7/15/2023 11:57	7/15/2023 21:56	599	0
324290	7/15/2023 12:04	7/15/2023 22:07	603	0
8972545	7/15/2023 12:07	7/16/2023 0:28	741	0
1272457	7/15/2023 12:13	7/15/2023 22:17	604	0.08
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793638	7/15/2023 14:07	7/15/2023 22:10	483	0
1525793	7/15/2023 14:17	7/16/2023 0:28	611	0
49209	7/15/2023 14:19	7/15/2023 22:32	493	0
1681747	7/15/2023 14:21	7/15/2023 22:34	493	0
1431752	7/15/2023 14:22	7/15/2023 22:12	470	0
1342974	7/15/2023 14:22	7/16/2023 0:28	606	0
506261	7/15/2023 14:24	7/15/2023 22:27	483	0
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773113	7/15/2023 14:34	7/16/2023 0:28	594	0.18
1495134	7/15/2023 14:35	7/15/2023 22:30	475	0
274064	7/15/2023 14:36	7/16/2023 0:28	592	0.08
859747	7/15/2023 14:37	7/16/2023 0:28	591	0
1555376	7/15/2023 14:37	7/16/2023 0:28	591	0
1412123	7/15/2023 14:37	7/16/2023 0:28	591	0
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394702	7/15/2023 14:39	7/16/2023 4:10	811	0
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1602508	7/15/2023 14:46	7/15/2023 22:39	473	0.11
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9993140	7/15/2023 14:53	7/16/2023 0:28	575	0

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611270	7/15/2023 14:54	7/16/2023 0:28	574	0
663228	7/15/2023 14:56	7/16/2023 0:28	572	0
1378692	7/15/2023 14:57	7/16/2023 0:28	571	0
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8668965	7/15/2023 15:08	7/16/2023 0:28	560	0
611116	7/15/2023 15:08	7/16/2023 0:28	560	0
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1378128	7/15/2023 15:15	7/15/2023 22:30	435	0
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6162958	7/15/2023 15:15	7/15/2023 22:30	435	0
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1573666	7/15/2023 15:27	7/16/2023 10:00	1112	0
277301	7/15/2023 15:33	7/16/2023 0:28	535	0.11
6992958	7/15/2023 15:37	7/15/2023 22:31	414	0
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1985687	7/15/2023 20:09	7/16/2023 9:53	824	0
1309098	7/15/2023 20:11	7/16/2023 10:00	828	0
6961293	7/15/2023 20:12	7/16/2023 10:00	827	0
583848	7/15/2023 20:15	7/16/2023 10:00	824	0
1624452	7/15/2023 20:17	7/16/2023 10:00	822	0
265473	7/15/2023 20:18	7/16/2023 10:00	821	0
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301691	7/15/2023 20:24	7/16/2023 10:00	815	0

416557	7/15/2023 20:29	7/16/2023 10:00	810	0
1390184	7/15/2023 20:33	7/16/2023 9:48	795	0
872542	7/15/2023 20:37	7/16/2023 10:00	802	0
954637	7/15/2023 20:42	7/16/2023 10:00	797	0
6761269	7/15/2023 20:42	7/16/2023 10:00	797	0
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325050	7/15/2023 20:53	7/16/2023 9:08	735	0
6733217	7/15/2023 21:00	7/16/2023 10:00	779	0
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160073	7/15/2023 21:12	7/16/2023 10:00	767	0
323657	7/15/2023 21:19	7/16/2023 10:00	760	0
7415412	7/15/2023 21:21	7/16/2023 10:00	758	0
324045	7/15/2023 21:39	7/16/2023 10:00	740	0
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8068454	7/15/2023 21:49	7/16/2023 10:00	730	0
323747	7/15/2023 21:51	7/16/2023 10:00	728	0
1509487	7/15/2023 21:52	7/16/2023 10:00	727	0
304345	7/15/2023 21:56	7/16/2023 10:00	723	0
324290	7/15/2023 22:07	7/16/2023 8:23	616	0
793638	7/15/2023 22:10	7/16/2023 10:00	709	0
1431752	7/15/2023 22:12	7/16/2023 10:00	707	0
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1006339	7/15/2023 22:20	7/16/2023 10:00	699	0
456084	7/15/2023 22:24	7/16/2023 10:00	695	0
7607485	7/15/2023 22:25	7/16/2023 10:00	694	0
791510	7/15/2023 22:25	7/16/2023 10:00	694	0
506261	7/15/2023 22:27	7/16/2023 10:00	692	0
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805495	7/15/2023 22:29	7/16/2023 10:00	690	0
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6162958	7/15/2023 22:30	7/16/2023 10:00	689	0
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1378128	7/15/2023 22:30	7/16/2023 10:00	689	0
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6992958	7/15/2023 22:31	7/16/2023 10:00	688	0
49209	7/15/2023 22:32	7/16/2023 10:00	687	0
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1681747	7/15/2023 22:34	7/16/2023 10:00	685	0
8159088	7/15/2023 22:36	7/16/2023 10:00	683	0

1602508	7/15/2023 22:39	7/16/2023 10:00	680	0
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1342974	7/16/2023 0:28	7/16/2023 10:00	571	0
808829	7/16/2023 0:28	7/16/2023 10:00	571	0
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1412123	7/16/2023 0:28	7/16/2023 10:00	571	0
346288	7/16/2023 0:28	7/16/2023 10:00	571	0
1321750	7/16/2023 0:28	7/16/2023 10:00	571	0
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658177	7/16/2023 0:28	7/16/2023 10:00	571	0
663228	7/16/2023 0:28	7/16/2023 10:00	571	0
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277301	7/16/2023 0:28	7/16/2023 10:00	571	0
8739323	7/16/2023 0:28	7/16/2023 10:00	571	0
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1363236	7/16/2023 0:28	7/16/2023 10:00	571	0
611116	7/16/2023 0:28	7/16/2023 10:00	571	0
8734029	7/16/2023 0:28	7/16/2023 10:00	571	0
2032900	7/16/2023 0:28	7/16/2023 10:00	571	0
8972545	7/16/2023 0:28	7/16/2023 10:00	571	0
1525793	7/16/2023 0:28	7/16/2023 10:00	571	0
5212517	7/16/2023 0:28	7/16/2023 10:00	571	0
321287	7/16/2023 0:28	7/16/2023 10:00	571	0
1700586	7/16/2023 0:28	7/16/2023 10:00	571	0
563721	7/16/2023 0:28	7/16/2023 10:00	571	0
611270	7/16/2023 0:28	7/16/2023 10:00	571	0
48217	7/16/2023 0:28	7/16/2023 10:00	571	0
572883	7/16/2023 0:28	7/16/2023 10:00	571	0
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801004	7/16/2023 0:28	7/16/2023 10:00	571	0
1556602	7/16/2023 0:28	7/16/2023 10:00	571	0
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266906	7/16/2023 0:28	7/16/2023 10:00	571	0
281456	7/16/2023 0:28	7/16/2023 10:00	571	0
1512146	7/16/2023 0:28	7/16/2023 10:00	571	0
772378	7/16/2023 0:28	7/16/2023 10:00	571	0

810130	7/16/2023 0:28	7/16/2023 10:00	571	0
1527695	7/16/2023 0:28	7/16/2023 10:00	571	0
415949	7/16/2023 0:28	7/16/2023 10:00	571	0
1509486	7/16/2023 0:28	7/16/2023 10:00	571	0
956559	7/16/2023 0:28	7/16/2023 10:00	571	0
773113	7/16/2023 0:28	7/16/2023 10:00	571	0
1527384	7/16/2023 0:28	7/16/2023 10:00	571	0
9060927	7/16/2023 0:28	7/16/2023 10:00	571	0
1432509	7/16/2023 0:28	7/16/2023 10:00	571	0
1376158	7/16/2023 0:28	7/16/2023 10:00	571	0
1406535	7/16/2023 0:28	7/16/2023 10:00	571	0
274064	7/16/2023 0:28	7/16/2023 10:00	571	0
8668965	7/16/2023 0:28	7/16/2023 10:00	571	0
572882	7/16/2023 0:28	7/16/2023 10:00	571	0
9063373	7/16/2023 0:28	7/16/2023 10:00	571	0
1527886	7/16/2023 0:28	7/16/2023 10:00	571	0
1473365	7/16/2023 0:51	7/16/2023 7:38	407	0
307661	7/16/2023 1:17	7/16/2023 10:00	522	0
306565	7/16/2023 1:39	7/16/2023 10:00	500	0
394702	7/16/2023 4:10	7/16/2023 10:00	349	0
1473365	7/16/2023 7:38	7/16/2023 9:02	84	0
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692395	7/16/2023 8:22	7/16/2023 10:00	97	0
324290	7/16/2023 8:23	7/16/2023 10:00	96	0
1517239	7/16/2023 8:29	7/16/2023 10:00	90	0
51483	7/16/2023 8:31	7/16/2023 10:00	88	0
692438	7/16/2023 8:34	7/16/2023 10:00	85	0
315484	7/16/2023 8:37	7/16/2023 10:00	82	0
1518000	7/16/2023 8:37	7/16/2023 10:00	82	0
693795	7/16/2023 8:49	7/16/2023 10:00	70	0
1473365	7/16/2023 9:02	7/16/2023 9:13	11	0
1518241	7/16/2023 9:03	7/16/2023 10:00	56	0
694447	7/16/2023 9:03	7/16/2023 10:00	56	0
325050	7/16/2023 9:08	7/16/2023 10:00	51	0
1473365	7/16/2023 9:13	7/16/2023 10:00	46	0
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1309098	7/16/2023 10:09	7/16/2023 20:06	597	0
7533405	7/16/2023 10:12	7/16/2023 20:14	602	0.29
1624452	7/16/2023 10:16	7/16/2023 20:15	599	0
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265473	7/16/2023 10:18	7/16/2023 20:16	598	0
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160073	7/16/2023 21:42	7/17/2023 10:00	737	0
1573666	7/16/2023 21:43	7/17/2023 10:00	736	0
49209	7/16/2023 21:45	7/17/2023 10:00	734	0
642139	7/16/2023 21:52	7/17/2023 10:00	727	0
1299402	7/16/2023 21:57	7/17/2023 10:00	722	0
1272457	7/16/2023 22:12	7/17/2023 10:00	707	0
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346288	7/16/2023 22:35	7/17/2023 9:57	682	0
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8734029	7/16/2023 22:40	7/17/2023 10:00	679	0
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1509487	7/16/2023 22:41	7/17/2023 10:00	678	0
1076617	7/16/2023 22:41	7/17/2023 10:00	678	0
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1602508	7/16/2023 22:42	7/17/2023 10:00	677	0
457729	7/16/2023 22:42	7/17/2023 10:00	677	0
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6714863	7/16/2023 22:44	7/17/2023 10:00	675	0
48217	7/16/2023 22:44	7/17/2023 10:00	675	0
1551513	7/16/2023 22:45	7/17/2023 10:00	674	0
8621797	7/16/2023 22:54	7/17/2023 8:43	589	0

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641922	7/17/2023 0:28	7/17/2023 10:00	571	0
663228	7/17/2023 0:28	7/17/2023 10:00	571	0
587455	7/17/2023 0:28	7/17/2023 10:00	571	0
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751178	7/17/2023 0:28	7/17/2023 10:00	571	0
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698337	7/17/2023 0:39	7/17/2023 8:06	447	0
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692395	7/17/2023 9:21	7/17/2023 10:00	38	0
1430553	7/17/2023 9:31	7/17/2023 10:00	28	0
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1624452	7/17/2023 9:33	7/17/2023 10:00	26	0
315345	7/17/2023 9:39	7/17/2023 10:00	20	0
301691	7/17/2023 9:41	7/17/2023 10:00	18	0
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315346	7/17/2023 9:53	7/17/2023 10:00	6	0
6761269	7/17/2023 9:54	7/17/2023 10:00	5	0
1309098	7/17/2023 9:54	7/17/2023 10:00	5	0
346288	7/17/2023 9:57	7/17/2023 10:00	2	0
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46184	7/17/2023 10:00	7/18/2023 10:00	1439	0
705447	7/17/2023 10:00	7/18/2023 10:00	1439	0
564357	7/17/2023 10:00	7/18/2023 10:00	1439	0
1077082	7/17/2023 10:00	7/18/2023 10:00	1439	0
772378	7/17/2023 10:00	7/17/2023 22:29	749	0
637185	7/17/2023 10:00	7/18/2023 10:00	1439	0
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6714863	7/17/2023 10:22	7/17/2023 20:23	601	0
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954637	7/17/2023 10:26	7/17/2023 22:18	712	0
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6761269	7/17/2023 10:28	7/17/2023 22:08	700	0
416557	7/17/2023 10:28	7/17/2023 22:05	697	0
6733217	7/17/2023 10:31	7/17/2023 21:56	685	0
265473	7/17/2023 10:32	7/18/2023 0:28	836	0
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328408	7/17/2023 20:52	7/18/2023 10:00	787	0
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588308	7/17/2023 21:02	7/18/2023 10:00	777	0
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343205	7/17/2023 21:14	7/18/2023 10:00	765	0
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6992958	7/17/2023 22:04	7/18/2023 10:00	715	0
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21820	7/17/2023 22:10	7/18/2023 10:00	709	0
1681747	7/17/2023 22:10	7/18/2023 10:00	709	0
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1551513	7/17/2023 22:20	7/18/2023 10:00	699	0
501613	7/17/2023 22:21	7/18/2023 10:00	698	0
49209	7/17/2023 22:21	7/18/2023 10:00	698	0
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301691	7/17/2023 22:22	7/18/2023 10:00	697	0
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48217	7/17/2023 22:25	7/18/2023 10:00	694	0
8564413	7/17/2023 22:26	7/18/2023 10:00	693	0
611270	7/17/2023 22:26	7/18/2023 10:00	693	0
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1525793	7/17/2023 22:27	7/18/2023 10:00	692	0
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1527935	7/17/2023 22:28	7/18/2023 10:00	691	0
772378	7/17/2023 22:29	7/18/2023 10:00	690	0
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378229	7/17/2023 22:30	7/18/2023 10:00	689	0
611116	7/17/2023 22:31	7/18/2023 10:00	688	0
559872	7/17/2023 22:31	7/18/2023 10:00	688	0

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1985687	7/17/2023 22:33	7/18/2023 9:28	655	0
1076617	7/17/2023 22:33	7/18/2023 10:00	686	0
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1576533	7/17/2023 22:42	7/18/2023 9:49	667	0
8068454	7/17/2023 22:42	7/18/2023 10:00	677	0
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658177	7/18/2023 0:28	7/18/2023 10:00	571	0
1190820	7/18/2023 0:28	7/18/2023 10:00	571	0
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9993140	7/18/2023 0:28	7/18/2023 10:00	571	0
698337	7/18/2023 0:28	7/18/2023 10:00	571	0
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817825	7/18/2023 0:28	7/18/2023 10:00	571	0
724232	7/18/2023 0:28	7/18/2023 10:00	571	0
1321605	7/18/2023 0:28	7/18/2023 9:31	543	0
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1309098	7/18/2023 0:28	7/18/2023 9:59	571	0
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1555376	7/18/2023 0:28	7/18/2023 10:00	571	0
656628	7/18/2023 0:28	7/18/2023 10:00	571	0
321287	7/18/2023 0:28	7/18/2023 10:00	571	0
810130	7/18/2023 0:28	7/18/2023 10:00	571	0
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1681747	7/18/2023 11:27	7/19/2023 0:28	781	0
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328408	7/18/2023 11:29	7/19/2023 0:28	779	0
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321287	7/19/2023 10:48	7/20/2023 10:00	1391	0.17
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658177	7/19/2023 11:58	7/20/2023 10:00	1321	0
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1406535	7/19/2023 12:28	7/20/2023 10:00	1291	0
1270985	7/19/2023 12:36	7/20/2023 10:00	1283	0
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378229	7/21/2023 0:28	7/21/2023 10:00	571	0
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51483	7/21/2023 8:06	7/21/2023 10:00	113	0
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325050	7/21/2023 9:52	7/21/2023 10:00	7	0

8206792	7/21/2023 9:57	7/21/2023 10:00	2	0
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980398	7/21/2023 10:00	7/22/2023 10:00	1439	0
46184	7/21/2023 10:00	7/22/2023 10:00	1439	0
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1077082	7/21/2023 10:00	7/22/2023 10:00	1439	0
637185	7/21/2023 10:00	7/22/2023 10:00	1439	0
301691	7/21/2023 10:00	7/21/2023 13:57	237	0
705447	7/21/2023 10:00	7/22/2023 10:00	1439	0
872542	7/21/2023 10:00	7/22/2023 10:00	1439	0
693795	7/21/2023 10:00	7/22/2023 10:00	1439	0
814312	7/21/2023 10:00	7/22/2023 10:00	1439	0
8068454	7/21/2023 10:00	7/22/2023 0:28	868	0
316997	7/21/2023 10:01	7/22/2023 10:00	1438	0.03
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8734029	7/21/2023 10:13	7/22/2023 0:28	855	0
1700586	7/21/2023 10:15	7/22/2023 0:28	853	0.32
1464949	7/21/2023 10:20	7/22/2023 0:28	848	0
299676	7/21/2023 10:22	7/22/2023 0:28	846	0
324290	7/21/2023 10:23	7/22/2023 0:28	845	0.54
1321605	7/21/2023 10:23	7/22/2023 0:28	845	0.23
663228	7/21/2023 10:25	7/21/2023 20:22	597	0
6761269	7/21/2023 10:28	7/22/2023 0:28	840	0
1514004	7/21/2023 10:35	7/21/2023 20:37	602	0.5
507365	7/21/2023 10:37	7/21/2023 20:36	599	0
558031	7/21/2023 10:38	7/22/2023 0:28	830	0.05
8511623	7/21/2023 10:40	7/22/2023 0:28	828	0
1524033	7/21/2023 10:50	7/22/2023 0:28	818	1.17
8668965	7/21/2023 10:50	7/22/2023 0:28	818	0.24
343205	7/21/2023 10:54	7/22/2023 0:28	814	0
1564723	7/21/2023 10:57	7/22/2023 0:28	811	0.46
1527695	7/21/2023 10:58	7/22/2023 0:28	810	0.27
1301093	7/21/2023 11:00	7/22/2023 0:28	808	0.79
564518	7/21/2023 11:08	7/22/2023 0:28	800	0
1432509	7/21/2023 11:09	7/22/2023 0:28	799	0
658177	7/21/2023 11:12	7/22/2023 0:28	796	0.4
8495802	7/21/2023 11:12	7/22/2023 0:28	796	0
160073	7/21/2023 11:13	7/22/2023 0:28	795	0.25
315346	7/21/2023 11:13	7/22/2023 0:28	795	0.72
751178	7/21/2023 11:16	7/22/2023 0:28	792	0.13
324045	7/21/2023 11:21	7/22/2023 0:28	787	0.07
1985687	7/21/2023 11:23	7/22/2023 0:28	785	0
7879030	7/21/2023 11:26	7/22/2023 0:36	790	0
954637	7/21/2023 11:26	7/22/2023 0:28	782	0.41
656628	7/21/2023 11:26	7/22/2023 0:28	782	0.26
1557303	7/21/2023 11:41	7/22/2023 0:28	767	0.19
990897	7/21/2023 11:50	7/22/2023 0:28	758	0.21

561757	7/21/2023 11:51	7/22/2023 0:28	757	0.04
1557188	7/21/2023 11:55	7/22/2023 0:28	753	0
1368745	7/21/2023 12:43	7/22/2023 10:00	1276	0
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1356945	7/21/2023 12:54	7/21/2023 13:36	42	0
572883	7/21/2023 13:02	7/22/2023 0:28	686	0.01
496500	7/21/2023 13:04	7/22/2023 0:48	704	0
1356945	7/21/2023 13:36	7/22/2023 0:28	652	0
304345	7/21/2023 13:44	7/22/2023 0:28	644	0
1430553	7/21/2023 13:47	7/22/2023 0:28	641	0.11
1270985	7/21/2023 13:54	7/22/2023 0:28	634	0
301691	7/21/2023 13:57	7/22/2023 0:28	631	0
1272457	7/21/2023 13:58	7/22/2023 0:28	630	0.17
308032	7/21/2023 14:03	7/22/2023 0:28	625	0
1552154	7/21/2023 14:08	7/22/2023 0:28	620	0
989442	7/21/2023 14:08	7/22/2023 0:28	620	0
6961293	7/21/2023 14:08	7/22/2023 0:28	620	0
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1671261	7/21/2023 14:12	7/22/2023 10:00	1187	0
307661	7/21/2023 14:13	7/22/2023 0:28	615	0.06
1576533	7/21/2023 14:13	7/22/2023 0:28	615	0.14
1547843	7/21/2023 14:22	7/22/2023 0:28	606	0.33
321310	7/21/2023 14:24	7/22/2023 0:28	604	0
8564413	7/21/2023 14:29	7/22/2023 0:28	599	0
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500173	7/21/2023 14:33	7/22/2023 0:28	595	0
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349232	7/21/2023 14:39	7/22/2023 0:28	589	0.31
6503956	7/21/2023 14:39	7/22/2023 0:28	589	0
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48217	7/21/2023 14:47	7/22/2023 0:28	581	0.32
6992958	7/21/2023 14:51	7/22/2023 0:28	577	0
1267978	7/21/2023 14:55	7/22/2023 0:28	573	0
772378	7/21/2023 14:59	7/21/2023 15:31	32	0
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8621797	7/21/2023 15:11	7/22/2023 0:28	557	0
1076617	7/21/2023 15:21	7/22/2023 0:28	547	0
281237	7/21/2023 15:22	7/22/2023 0:28	546	0
121748	7/21/2023 15:25	7/22/2023 0:28	543	0
346288	7/21/2023 15:28	7/22/2023 0:28	540	0
772378	7/21/2023 15:31	7/22/2023 0:28	537	0
2032900	7/21/2023 15:37	7/22/2023 0:28	531	0
394702	7/21/2023 15:38	7/22/2023 10:00	1101	0
8739323	7/21/2023 15:54	7/22/2023 0:28	514	0

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658177	7/22/2023 0:28	7/22/2023 7:05	397	0.01
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6761269	7/22/2023 0:28	7/22/2023 7:05	397	0
8734029	7/22/2023 0:28	7/22/2023 7:05	397	0
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121748	7/22/2023 0:28	7/22/2023 10:00	571	0
301691	7/22/2023 0:28	7/22/2023 10:00	571	0
160073	7/22/2023 0:28	7/22/2023 7:05	397	0
265473	7/22/2023 0:28	7/22/2023 7:05	397	0
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343205	7/22/2023 0:28	7/22/2023 7:05	397	0
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48217	7/22/2023 0:28	7/22/2023 10:00	571	0

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1309098	7/22/2023 0:28	7/22/2023 7:05	397	0
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558031	7/22/2023 0:28	7/22/2023 7:05	397	0
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299676	7/22/2023 0:28	7/22/2023 7:05	397	0
307661	7/22/2023 0:28	7/22/2023 10:00	571	0
1006339	7/22/2023 0:28	7/22/2023 10:00	571	0
349232	7/22/2023 0:28	7/22/2023 10:00	571	0
346288	7/22/2023 0:28	7/22/2023 10:00	571	0
1524033	7/22/2023 0:28	7/22/2023 7:05	397	0.02
1356945	7/22/2023 0:28	7/22/2023 10:00	571	0
990897	7/22/2023 0:28	7/22/2023 7:05	397	0
324045	7/22/2023 0:28	7/22/2023 7:05	397	0
324290	7/22/2023 0:28	7/22/2023 7:05	397	0
1434359	7/22/2023 0:28	7/22/2023 7:05	397	0.01
1553145	7/22/2023 0:28	7/22/2023 10:00	571	0
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772378	7/22/2023 0:28	7/22/2023 10:00	571	0
455629	7/22/2023 0:28	7/22/2023 10:00	571	0
1573666	7/22/2023 0:28	7/22/2023 7:05	397	0
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1362855	7/22/2023 0:28	7/22/2023 10:00	571	0

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1527695	7/22/2023 7:05	7/22/2023 7:06	1	0
990897	7/22/2023 7:05	7/22/2023 7:06	1	0
8495802	7/22/2023 7:05	7/22/2023 7:06	1	0
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7879030	7/22/2023 7:05	7/22/2023 7:06	1	0
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6761269	7/22/2023 7:05	7/22/2023 7:06	1	0
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343205	7/22/2023 7:05	7/22/2023 7:06	1	0
1524033	7/22/2023 7:05	7/22/2023 7:06	1	0.02
663228	7/22/2023 7:05	7/22/2023 7:06	1	0
1557188	7/22/2023 7:05	7/22/2023 7:06	1	0
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324045	7/22/2023 7:05	7/22/2023 7:06	1	0
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507365	7/22/2023 7:05	7/22/2023 7:06	1	0
656628	7/22/2023 7:05	7/22/2023 7:06	1	0
1564723	7/22/2023 7:05	7/22/2023 7:06	1	0.02
315346	7/22/2023 7:05	7/22/2023 7:06	1	0
1309098	7/22/2023 7:05	7/22/2023 7:06	1	0
1434359	7/22/2023 7:05	7/22/2023 7:06	1	0.01
1432509	7/22/2023 7:05	7/22/2023 7:06	1	0
8068454	7/22/2023 7:05	7/22/2023 7:06	1	0
160073	7/22/2023 7:05	7/22/2023 7:06	1	0
1573666	7/22/2023 7:05	7/22/2023 7:06	1	0
1464949	7/22/2023 7:05	7/22/2023 7:06	1	0
1301093	7/22/2023 7:05	7/22/2023 7:06	1	0
1320619	7/22/2023 7:05	7/22/2023 7:06	1	0

1514004	7/22/2023 7:05	7/22/2023 7:06	1	0
658177	7/22/2023 7:05	7/22/2023 7:06	1	0.01
7879030	7/22/2023 7:06	7/22/2023 10:00	173	0
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954637	7/22/2023 7:06	7/22/2023 10:00	173	0
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315346	7/22/2023 7:06	7/22/2023 10:00	173	0
1272482	7/22/2023 7:06	7/22/2023 10:00	173	0
8734029	7/22/2023 7:06	7/22/2023 10:00	173	0
8495802	7/22/2023 7:06	7/22/2023 10:00	173	0
658177	7/22/2023 7:06	7/22/2023 10:00	173	0
1301093	7/22/2023 7:06	7/22/2023 10:00	173	0
160073	7/22/2023 7:06	7/22/2023 10:00	173	0
656628	7/22/2023 7:06	7/22/2023 10:00	173	0
8668965	7/22/2023 7:06	7/22/2023 10:00	173	0
507365	7/22/2023 7:06	7/22/2023 10:00	173	0
1527695	7/22/2023 7:06	7/22/2023 10:00	173	0
990897	7/22/2023 7:06	7/22/2023 10:00	173	0
1320619	7/22/2023 7:06	7/22/2023 10:00	173	0
265473	7/22/2023 7:06	7/22/2023 10:00	173	0
558031	7/22/2023 7:06	7/22/2023 10:00	173	0
1700586	7/22/2023 7:06	7/22/2023 10:00	173	0
1309098	7/22/2023 7:06	7/22/2023 10:00	173	0
1557303	7/22/2023 7:06	7/22/2023 10:00	173	0
1514004	7/22/2023 7:06	7/22/2023 10:00	173	0
663228	7/22/2023 7:06	7/22/2023 10:00	173	0
1321605	7/22/2023 7:06	7/22/2023 10:00	173	0
324045	7/22/2023 7:06	7/22/2023 10:00	173	0
8068454	7/22/2023 7:06	7/22/2023 10:00	173	0
324290	7/22/2023 7:06	7/22/2023 10:00	173	0
1464949	7/22/2023 7:06	7/22/2023 10:00	173	0
343205	7/22/2023 7:06	7/22/2023 10:00	173	0
564518	7/22/2023 7:06	7/22/2023 10:00	173	0
299676	7/22/2023 7:06	7/22/2023 10:00	173	0
1573666	7/22/2023 7:06	7/22/2023 10:00	173	0
1557188	7/22/2023 7:06	7/22/2023 10:00	173	0
1434359	7/22/2023 7:06	7/22/2023 10:00	173	0
8511623	7/22/2023 7:06	7/22/2023 10:00	173	0
6761269	7/22/2023 7:06	7/22/2023 10:00	173	0
1432509	7/22/2023 7:06	7/22/2023 10:00	173	0
561757	7/22/2023 7:06	7/22/2023 10:00	173	0
1985687	7/22/2023 7:07	7/22/2023 10:00	172	0
705447	7/22/2023 10:00	7/23/2023 10:00	1439	0
988262	7/22/2023 10:00	7/23/2023 10:00	1439	0
1077082	7/22/2023 10:00	7/23/2023 10:00	1439	0

564357	7/22/2023 10:00	7/23/2023 10:00	1439	0
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1190820	7/22/2023 10:00	7/23/2023 10:00	1439	0
693795	7/22/2023 10:00	7/23/2023 10:00	1439	0
204700	7/23/2023 8:03	7/23/2023 10:00	116	0
203234	7/23/2023 8:21	7/23/2023 10:00	98	0
51483	7/23/2023 8:26	7/23/2023 10:00	93	0
324290	7/23/2023 8:30	7/23/2023 10:00	89	0
8950281	7/23/2023 8:42	7/23/2023 10:00	77	0
202238	7/23/2023 8:45	7/23/2023 10:00	74	0
1704326	7/23/2023 9:18	7/23/2023 10:00	41	0
315345	7/23/2023 9:33	7/23/2023 10:00	26	0
1368745	7/23/2023 9:40	7/23/2023 10:00	19	0
1390184	7/23/2023 9:50	7/23/2023 10:00	9	0
793638	7/23/2023 9:50	7/23/2023 10:00	9	0.21
1557188	7/23/2023 9:56	7/23/2023 10:00	3	0
872542	7/23/2023 10:00	7/24/2023 10:00	1439	0
793638	7/23/2023 10:00	7/24/2023 10:00	1439	0.12
637185	7/23/2023 10:00	7/24/2023 10:00	1439	0
564357	7/23/2023 10:00	7/24/2023 10:00	1439	0
264186	7/23/2023 10:00	7/24/2023 10:00	1439	0
1430553	7/23/2023 10:10	7/23/2023 20:14	604	0.27
772378	7/23/2023 10:13	7/23/2023 20:17	604	0
1552154	7/23/2023 10:14	7/23/2023 22:40	746	0.74
1586005	7/23/2023 10:15	7/23/2023 20:17	602	0
1464949	7/23/2023 10:15	7/23/2023 20:15	600	0
6961293	7/23/2023 10:16	7/23/2023 20:21	605	0.21
1362855	7/23/2023 10:17	7/23/2023 20:21	604	1.56
6714863	7/23/2023 10:17	7/23/2023 20:18	601	0.03
2032900	7/23/2023 10:18	7/24/2023 0:28	850	0.1
1309098	7/23/2023 10:18	7/23/2023 20:16	598	0.6
1700586	7/23/2023 10:22	7/23/2023 20:24	602	0
954637	7/23/2023 10:23	7/23/2023 20:20	597	0.17
7533405	7/23/2023 10:25	7/23/2023 20:22	597	0.46
325050	7/23/2023 10:30	7/23/2023 20:29	599	0
1321605	7/23/2023 10:31	7/24/2023 0:28	837	0.79
801004	7/23/2023 10:32	7/24/2023 0:28	836	0
1190820	7/23/2023 10:32	7/23/2023 20:31	599	0
321310	7/23/2023 10:33	7/23/2023 20:35	602	0
1270985	7/23/2023 10:35	7/24/2023 0:28	833	0
378229	7/23/2023 10:35	7/23/2023 20:38	603	2.21
7879030	7/23/2023 10:36	7/23/2023 20:34	598	0
160073	7/23/2023 10:38	7/23/2023 20:38	600	0.02
1650561	7/23/2023 10:38	7/24/2023 10:00	1401	0
1576533	7/23/2023 10:40	7/23/2023 20:39	599	0.2
265473	7/23/2023 10:41	7/23/2023 20:46	605	0
1599629	7/23/2023 10:42	7/23/2023 20:41	599	0.02

8068454	7/23/2023 10:43	7/23/2023 20:45	602	0
281456	7/23/2023 10:44	7/23/2023 20:46	602	0
1704232	7/23/2023 10:45	7/23/2023 20:41	596	1.26
324045	7/23/2023 10:45	7/23/2023 20:48	603	0
1270983	7/23/2023 10:47	7/24/2023 0:28	821	0
791361	7/23/2023 10:49	7/24/2023 0:28	819	0
810130	7/23/2023 10:49	7/24/2023 0:28	819	0
301691	7/23/2023 10:51	7/23/2023 20:49	598	0
1301093	7/23/2023 10:52	7/23/2023 20:55	603	0.72
8564413	7/23/2023 10:55	7/23/2023 20:55	600	0
281237	7/23/2023 10:56	7/23/2023 21:04	608	0.76
1557303	7/23/2023 10:57	7/23/2023 21:00	603	0
1604432	7/23/2023 10:57	7/23/2023 21:01	604	0
1320619	7/23/2023 11:01	7/24/2023 0:28	807	0
564518	7/23/2023 11:03	7/23/2023 21:02	599	0
658177	7/23/2023 11:04	7/24/2023 0:28	804	0.39
8621797	7/23/2023 11:07	7/23/2023 21:08	601	0
1525793	7/23/2023 11:08	7/23/2023 21:11	603	0
587455	7/23/2023 11:09	7/23/2023 21:11	602	0
8495802	7/23/2023 11:19	7/23/2023 21:12	593	0
1093833	7/23/2023 11:19	7/23/2023 21:21	602	0.97
1511251	7/23/2023 11:27	7/23/2023 21:16	589	0
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266906	7/23/2023 11:34	7/23/2023 21:29	595	0.33
1437071	7/23/2023 11:45	7/23/2023 21:44	599	0
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1272457	7/23/2023 12:09	7/23/2023 22:08	599	0.01
1272482	7/23/2023 12:26	7/24/2023 0:28	722	0
615940	7/23/2023 12:38	7/23/2023 22:26	588	0.01
48217	7/23/2023 12:56	7/23/2023 22:39	583	0
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859747	7/23/2023 13:58	7/23/2023 22:38	520	0
1362130	7/23/2023 14:01	7/24/2023 0:28	627	0
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6761269	7/23/2023 14:21	7/23/2023 22:30	489	0
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6733217	7/23/2023 14:24	7/23/2023 22:32	488	0
47169	7/23/2023 14:28	7/23/2023 22:33	485	0

1556602	7/23/2023 14:29	7/23/2023 22:27	478	0
751178	7/23/2023 14:30	7/23/2023 16:25	115	0
8668965	7/23/2023 14:30	7/23/2023 22:23	473	0
854579	7/23/2023 14:31	7/24/2023 0:28	597	0
656628	7/23/2023 14:32	7/24/2023 0:28	596	0.02
8734029	7/23/2023 14:33	7/23/2023 22:41	488	0
572883	7/23/2023 14:44	7/23/2023 22:26	462	0.13
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1518507	7/23/2023 15:06	7/23/2023 22:33	447	0
1602630	7/23/2023 15:12	7/23/2023 22:43	451	0.19
456084	7/23/2023 15:14	7/23/2023 22:29	435	0
6503956	7/23/2023 15:17	7/23/2023 22:22	425	0
304345	7/23/2023 15:24	7/23/2023 22:32	428	0
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997397	7/23/2023 15:39	7/23/2023 22:29	410	0
1573666	7/23/2023 15:41	7/23/2023 22:36	415	0
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1020466	7/23/2023 16:40	7/24/2023 0:28	468	0
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1464949	7/23/2023 20:15	7/24/2023 10:00	824	0
1309098	7/23/2023 20:16	7/24/2023 10:00	823	0
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265473	7/23/2023 20:46	7/24/2023 10:00	793	0
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997397	7/23/2023 22:29	7/24/2023 10:00	690	0
6761269	7/23/2023 22:30	7/24/2023 9:58	688	0
1985687	7/23/2023 22:31	7/24/2023 9:38	667	0
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49209	7/23/2023 22:32	7/24/2023 10:00	687	0
304345	7/23/2023 22:32	7/24/2023 10:00	687	0
6733217	7/23/2023 22:32	7/24/2023 10:00	687	0
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47169	7/23/2023 22:33	7/24/2023 10:00	686	0
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48217	7/23/2023 22:39	7/24/2023 10:00	680	0
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854579	7/24/2023 0:28	7/24/2023 10:00	571	0
2032900	7/24/2023 0:28	7/24/2023 10:00	571	0
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1272482	7/24/2023 0:28	7/24/2023 10:00	571	0
1387226	7/24/2023 0:28	7/24/2023 10:00	571	0
1518241	7/24/2023 0:28	7/24/2023 8:14	466	0
572882	7/24/2023 0:28	7/24/2023 10:00	571	0
1321605	7/24/2023 0:28	7/24/2023 10:00	571	0
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658177	7/24/2023 0:28	7/24/2023 10:00	571	0
751178	7/24/2023 0:28	7/24/2023 10:00	571	0
9060927	7/24/2023 0:28	7/24/2023 8:18	470	0
663228	7/24/2023 0:28	7/24/2023 10:00	571	0
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1518241	7/24/2023 8:14	7/24/2023 10:00	105	0
9060927	7/24/2023 8:18	7/24/2023 10:00	101	0
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252824	7/24/2023 8:26	7/24/2023 10:00	93	0
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8604423	7/24/2023 9:20	7/24/2023 10:00	39	0
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6761269	7/24/2023 9:58	7/24/2023 10:00	1	0
1299402	7/24/2023 9:58	7/24/2023 10:00	1	0
637185	7/24/2023 10:00	7/25/2023 10:00	1439	0
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46184	7/24/2023 10:00	7/25/2023 10:00	1439	0
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705447	7/24/2023 10:00	7/25/2023 10:00	1439	0
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264186	7/24/2023 10:00	7/25/2023 10:00	1439	0
564357	7/24/2023 10:00	7/25/2023 10:00	1439	0.01
693795	7/24/2023 10:00	7/25/2023 10:00	1439	0
988262	7/24/2023 10:00	7/25/2023 10:00	1439	0
1390184	7/24/2023 10:03	7/25/2023 10:00	1436	0.34
1309098	7/24/2023 10:07	7/25/2023 10:00	1432	0.34
793638	7/24/2023 10:07	7/25/2023 10:00	1432	2.57
1552154	7/24/2023 10:08	7/25/2023 10:00	1431	0.76
496500	7/24/2023 10:08	7/25/2023 10:00	1431	0.11
8734029	7/24/2023 10:09	7/25/2023 10:00	1430	0
1356945	7/24/2023 10:10	7/25/2023 10:00	1429	0
315345	7/24/2023 10:11	7/25/2023 10:00	1428	0.35
307661	7/24/2023 10:12	7/25/2023 10:00	1427	0.34
1700586	7/24/2023 10:13	7/25/2023 10:00	1426	0.14
1604432	7/24/2023 10:19	7/25/2023 10:00	1420	0
265473	7/24/2023 10:20	7/25/2023 10:00	1419	0
772378	7/24/2023 10:22	7/25/2023 10:00	1417	0
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1521914	7/24/2023 10:23	7/25/2023 10:00	1416	0.86
324045	7/24/2023 10:23	7/25/2023 10:00	1416	0.04
507365	7/24/2023 10:23	7/25/2023 10:00	1416	0
1362130	7/24/2023 10:24	7/25/2023 10:00	1415	0
6714863	7/24/2023 10:24	7/25/2023 10:00	1415	0.19
315346	7/24/2023 10:26	7/25/2023 10:00	1413	0.95
954637	7/24/2023 10:26	7/25/2023 10:00	1413	0.48
8621797	7/24/2023 10:28	7/25/2023 10:00	1411	0
1650561	7/24/2023 10:31	7/25/2023 10:00	1408	0
1514004	7/24/2023 10:34	7/25/2023 10:00	1405	0.24
325050	7/24/2023 10:34	7/24/2023 11:54	80	0
281456	7/24/2023 10:37	7/25/2023 10:00	1402	0

6961293	7/24/2023 10:37	7/25/2023 10:00	1402	0
1586005	7/24/2023 10:38	7/25/2023 10:00	1401	0
801004	7/24/2023 10:39	7/25/2023 10:00	1400	0
1190820	7/24/2023 10:41	7/25/2023 10:00	1398	0.17
346288	7/24/2023 10:43	7/25/2023 10:00	1396	0.45
1576533	7/24/2023 10:44	7/25/2023 10:00	1395	1.32
6733217	7/24/2023 10:44	7/25/2023 10:00	1395	0.31
980398	7/24/2023 10:45	7/25/2023 10:00	1394	0
266906	7/24/2023 10:46	7/25/2023 10:00	1393	0.63
806370	7/24/2023 10:49	7/25/2023 10:00	1390	0
8068454	7/24/2023 10:50	7/25/2023 10:00	1389	0
1006339	7/24/2023 10:51	7/25/2023 10:00	1388	0
564518	7/24/2023 10:52	7/25/2023 10:00	1387	0
793690	7/24/2023 10:53	7/25/2023 10:00	1386	0.66
301691	7/24/2023 10:55	7/25/2023 10:00	1384	0
321310	7/24/2023 10:56	7/25/2023 10:00	1383	0
1432509	7/24/2023 10:57	7/25/2023 10:00	1382	0
345647	7/24/2023 10:57	7/25/2023 10:00	1382	0
7533405	7/24/2023 11:00	7/25/2023 10:00	1379	0.54
751178	7/24/2023 11:04	7/25/2023 10:00	1375	0.57
1519179	7/24/2023 11:07	7/25/2023 10:00	1372	0.58
328408	7/24/2023 11:07	7/25/2023 10:00	1372	0.72
8668965	7/24/2023 11:09	7/25/2023 10:00	1370	0.22
1431752	7/24/2023 11:09	7/25/2023 10:00	1370	0
1320845	7/24/2023 11:10	7/25/2023 10:00	1369	0.43
656628	7/24/2023 11:11	7/25/2023 10:00	1368	0.31
1573666	7/24/2023 11:12	7/25/2023 10:00	1367	0
378229	7/24/2023 11:13	7/25/2023 10:00	1366	0.36
394702	7/24/2023 11:15	7/25/2023 10:00	1364	0
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324290	7/24/2023 11:21	7/25/2023 10:00	1358	0.35
658177	7/24/2023 11:23	7/25/2023 10:00	1356	0.66
1355611	7/24/2023 11:24	7/25/2023 10:00	1355	0
7879030	7/24/2023 11:30	7/25/2023 10:00	1349	0
274064	7/24/2023 11:33	7/25/2023 10:00	1346	0.33
1556919	7/24/2023 11:37	7/25/2023 10:00	1342	0.23
1270983	7/24/2023 11:39	7/25/2023 10:00	1340	0
8495802	7/24/2023 11:43	7/25/2023 10:00	1336	0
1556602	7/24/2023 11:50	7/25/2023 10:00	1329	0
325050	7/24/2023 11:54	7/25/2023 10:00	1325	0
304345	7/24/2023 12:13	7/25/2023 10:00	1306	0
614227	7/24/2023 12:30	7/24/2023 14:31	121	0
1368745	7/24/2023 13:19	7/25/2023 10:00	1240	0
561757	7/24/2023 13:20	7/25/2023 10:00	1239	0
1321605	7/24/2023 13:22	7/25/2023 10:00	1237	0
345941	7/24/2023 13:25	7/25/2023 10:00	1234	0
1387226	7/24/2023 14:11	7/25/2023 10:00	1188	0

1435093	7/24/2023 14:18	7/25/2023 10:00	1181	0
8972545	7/24/2023 14:19	7/25/2023 10:00	1180	0
6503956	7/24/2023 14:21	7/25/2023 10:00	1178	0
1704232	7/24/2023 14:21	7/25/2023 10:00	1178	0.04
1464949	7/24/2023 14:22	7/25/2023 10:00	1177	0
990897	7/24/2023 14:22	7/25/2023 10:00	1177	0.01
2032900	7/24/2023 14:25	7/25/2023 10:00	1174	0.07
1511251	7/24/2023 14:26	7/25/2023 10:00	1173	0
8564413	7/24/2023 14:28	7/25/2023 10:00	1171	0
614227	7/24/2023 14:31	7/25/2023 10:00	1168	0
6623421	7/24/2023 14:34	7/25/2023 10:00	1165	0.04
121748	7/24/2023 14:36	7/25/2023 10:00	1163	0
1511264	7/24/2023 14:36	7/25/2023 10:00	1163	0
1064575	7/24/2023 14:37	7/24/2023 15:34	57	0
790670	7/24/2023 14:37	7/25/2023 10:00	1162	0
312766	7/24/2023 14:39	7/25/2023 10:00	1160	0
160073	7/24/2023 14:41	7/25/2023 10:00	1158	0
583848	7/24/2023 14:42	7/25/2023 10:00	1157	0
5212517	7/24/2023 14:47	7/25/2023 10:00	1152	0
572883	7/24/2023 14:49	7/25/2023 10:00	1150	0.1
1555609	7/24/2023 14:52	7/25/2023 10:00	1147	0
500173	7/24/2023 14:52	7/25/2023 10:00	1147	0
6992958	7/24/2023 14:52	7/25/2023 10:00	1147	0
1093833	7/24/2023 14:56	7/25/2023 10:00	1143	0.1
308032	7/24/2023 15:04	7/25/2023 10:00	1135	0
1417138	7/24/2023 15:07	7/25/2023 10:00	1132	0
9993140	7/24/2023 15:10	7/25/2023 10:00	1129	0
989442	7/24/2023 15:19	7/25/2023 10:00	1120	0
1076617	7/24/2023 15:23	7/25/2023 10:00	1116	0
1681747	7/24/2023 15:23	7/25/2023 10:00	1116	0
281237	7/24/2023 15:27	7/25/2023 10:00	1112	0
1272457	7/24/2023 15:29	7/25/2023 10:00	1110	0.08
1020466	7/24/2023 15:29	7/25/2023 10:00	1110	0
1495134	7/24/2023 15:33	7/25/2023 10:00	1106	0
1064575	7/24/2023 15:34	7/25/2023 10:00	1105	0
791361	7/24/2023 15:52	7/25/2023 10:00	1087	0
21820	7/24/2023 15:56	7/25/2023 10:00	1083	0
854579	7/24/2023 16:03	7/25/2023 10:00	1076	0
9063373	7/24/2023 16:05	7/25/2023 10:00	1074	0
338734	7/24/2023 16:09	7/25/2023 10:00	1070	0
581074	7/24/2023 16:18	7/25/2023 10:00	1061	0
8766703	7/24/2023 16:29	7/25/2023 10:00	1050	0
1220897	7/24/2023 16:52	7/25/2023 10:00	1027	0
716420	7/24/2023 17:36	7/25/2023 10:00	983	0
713297	7/24/2023 17:47	7/25/2023 10:00	972	0
321310	8/1/2023 0:28	8/1/2023 10:00	571	0
772378	8/1/2023 0:28	8/1/2023 10:00	571	0

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1076617	8/1/2023 0:28	8/1/2023 10:00	571	0
954637	8/1/2023 0:28	8/1/2023 10:00	571	0
583848	8/1/2023 0:28	8/1/2023 10:00	571	0
572883	8/1/2023 0:28	8/1/2023 10:00	571	0
395612	8/1/2023 0:28	8/1/2023 10:00	571	0
1406535	8/1/2023 0:28	8/1/2023 9:41	553	0
980398	8/1/2023 0:28	8/1/2023 9:48	560	0
1432509	8/1/2023 0:28	8/1/2023 10:00	571	0
2032900	8/1/2023 0:28	8/1/2023 10:00	571	0
1624452	8/1/2023 0:28	8/1/2023 10:00	571	0
299676	8/1/2023 0:28	8/1/2023 10:00	571	0
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808829	8/1/2023 0:28	8/1/2023 10:00	571	0
801004	8/1/2023 0:28	8/1/2023 10:00	571	0
323657	8/1/2023 0:28	8/1/2023 10:00	571	0
1220897	8/1/2023 0:28	8/1/2023 10:00	571	0
1704326	8/1/2023 0:28	8/1/2023 10:00	571	0
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558031	8/1/2023 0:28	8/1/2023 10:00	571	0
1267978	8/1/2023 0:28	8/1/2023 10:00	571	0
266906	8/1/2023 0:28	8/1/2023 10:00	571	0
8621797	8/1/2023 0:28	8/1/2023 10:00	571	0
301691	8/1/2023 0:28	8/1/2023 9:39	551	0
1356945	8/1/2023 0:28	8/1/2023 10:00	571	0
1342974	8/1/2023 0:28	8/1/2023 10:00	571	0
1557303	8/1/2023 0:28	8/1/2023 10:00	571	0
496500	8/1/2023 0:28	8/1/2023 10:00	571	0
265447	8/1/2023 0:28	8/1/2023 10:00	571	0
265473	8/1/2023 0:28	8/1/2023 10:00	571	0
8668965	8/1/2023 0:28	8/1/2023 10:00	571	0
306565	8/1/2023 0:28	8/1/2023 10:00	571	0
317768	8/1/2023 0:28	8/1/2023 10:00	571	0
281237	8/1/2023 0:28	8/1/2023 10:00	571	0
324045	8/1/2023 0:28	8/1/2023 10:00	571	0
854579	8/1/2023 0:28	8/1/2023 8:35	487	0
1525793	8/1/2023 0:28	8/1/2023 10:00	571	0
751178	8/1/2023 0:28	8/1/2023 10:00	571	0
587455	8/1/2023 0:28	8/1/2023 10:00	571	0
328408	8/1/2023 0:28	8/1/2023 10:00	571	0
338734	8/1/2023 0:28	8/1/2023 10:00	571	0
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1704232	8/1/2023 0:28	8/1/2023 10:00	571	0
316997	8/1/2023 0:28	8/1/2023 10:00	571	0
346288	8/1/2023 0:28	8/1/2023 10:00	571	0

8068454	8/1/2023 0:28	8/1/2023 10:00	571	0
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1039538	8/1/2023 0:28	8/1/2023 10:00	571	0
315752	8/1/2023 0:28	8/1/2023 10:00	571	0
121748	8/1/2023 0:28	8/1/2023 10:00	571	0
328570	8/1/2023 0:28	8/1/2023 10:00	571	0
456084	8/1/2023 0:28	8/1/2023 10:00	571	0
321287	8/1/2023 0:28	8/1/2023 7:44	436	0
1270985	8/1/2023 0:28	8/1/2023 10:00	571	0
1270983	8/1/2023 0:28	8/1/2023 10:00	571	0
1363415	8/1/2023 0:28	8/1/2023 10:00	571	0
315346	8/1/2023 0:28	8/1/2023 8:40	492	0
8495802	8/1/2023 0:28	8/1/2023 10:00	571	0
1343091	8/1/2023 0:28	8/1/2023 10:00	571	0
7879030	8/1/2023 0:28	8/1/2023 10:00	571	0
1700586	8/1/2023 0:28	8/1/2023 10:00	571	0
1024182	8/1/2023 0:28	8/1/2023 10:00	571	0
160073	8/1/2023 0:28	8/1/2023 10:00	571	0
7533405	8/1/2023 0:28	8/1/2023 10:00	571	0
1046640	8/1/2023 0:28	8/1/2023 10:00	571	0
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317053	8/1/2023 0:28	8/1/2023 10:00	571	0
6623421	8/1/2023 0:28	8/1/2023 10:00	571	0
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1195990	8/1/2023 0:28	8/1/2023 10:00	571	0
1650561	8/1/2023 0:28	8/1/2023 10:00	571	0
318815	8/1/2023 0:28	8/1/2023 10:00	571	0
1362130	8/1/2023 0:28	8/1/2023 10:00	571	0
859747	8/1/2023 0:28	8/1/2023 10:00	571	0
1301093	8/1/2023 0:28	8/1/2023 10:00	571	0
1417138	8/1/2023 0:28	8/1/2023 10:00	571	0
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1576533	8/1/2023 0:28	8/1/2023 9:57	569	0
1602508	8/1/2023 0:28	8/1/2023 10:00	571	0
1556919	8/1/2023 0:28	8/1/2023 10:00	571	0
1321750	8/1/2023 0:28	8/1/2023 10:00	571	0
315345	8/1/2023 0:28	8/1/2023 8:24	476	0
1321605	8/1/2023 0:28	8/1/2023 10:00	571	0
588308	8/1/2023 0:28	8/1/2023 10:00	571	0
281456	8/1/2023 0:28	8/1/2023 10:00	571	0
1093833	8/1/2023 0:28	8/1/2023 10:00	571	0
1985687	8/1/2023 0:28	8/1/2023 10:00	571	0
507365	8/1/2023 0:28	8/1/2023 10:00	571	0
1193174	8/1/2023 0:28	8/1/2023 10:00	571	0
810130	8/1/2023 0:28	8/1/2023 10:00	571	0
561672	8/1/2023 0:28	8/1/2023 10:00	571	0
7415412	8/1/2023 0:28	8/1/2023 10:00	571	0

1299402	8/1/2023 0:28	8/1/2023 10:00	571	0
378229	8/1/2023 0:28	8/1/2023 10:00	571	0
990897	8/1/2023 0:28	8/1/2023 10:00	571	0
489470	8/1/2023 0:28	8/1/2023 10:00	571	0
345647	8/1/2023 0:28	8/1/2023 10:00	571	0
8159088	8/1/2023 0:28	8/1/2023 10:00	571	0
535771	8/1/2023 0:28	8/1/2023 2:05	97	0
581832	8/1/2023 0:34	8/1/2023 5:04	270	0
6503956	8/1/2023 0:35	8/1/2023 10:00	564	0
535771	8/1/2023 2:05	8/1/2023 10:00	474	0
581832	8/1/2023 5:04	8/1/2023 5:49	45	0
581832	8/1/2023 5:49	8/1/2023 9:59	250	0
321287	8/1/2023 7:44	8/1/2023 10:00	135	0
484444	8/1/2023 8:13	8/1/2023 10:00	106	0
39592	8/1/2023 8:14	8/1/2023 10:00	105	0
204700	8/1/2023 8:23	8/1/2023 10:00	96	0
315345	8/1/2023 8:24	8/1/2023 10:00	95	0
24124	8/1/2023 8:25	8/1/2023 10:00	94	0
181420	8/1/2023 8:28	8/1/2023 10:00	91	0
854579	8/1/2023 8:35	8/1/2023 10:00	84	0
266556	8/1/2023 8:37	8/1/2023 10:00	82	0
315346	8/1/2023 8:40	8/1/2023 10:00	79	0
1493132	8/1/2023 8:42	8/1/2023 10:00	77	0
8766575	8/1/2023 8:44	8/1/2023 10:00	75	0
1320619	8/1/2023 8:54	8/1/2023 10:00	65	0
8511623	8/1/2023 9:09	8/1/2023 10:00	50	0
8104722	8/1/2023 9:24	8/1/2023 10:00	35	0
1368745	8/1/2023 9:31	8/1/2023 10:00	28	0
1020466	8/1/2023 9:31	8/1/2023 10:00	28	0
1430553	8/1/2023 9:31	8/1/2023 10:00	28	0
1190820	8/1/2023 9:36	8/1/2023 10:00	23	0
325050	8/1/2023 9:37	8/1/2023 10:00	22	0
301691	8/1/2023 9:39	8/1/2023 10:00	20	0
1406535	8/1/2023 9:41	8/1/2023 10:00	18	0
980398	8/1/2023 9:48	8/1/2023 10:00	11	0
1604432	8/1/2023 9:50	8/1/2023 10:00	9	0
1362855	8/1/2023 9:55	8/1/2023 10:00	4	0
1576533	8/1/2023 9:57	8/1/2023 10:00	2	0
581832	8/1/2023 9:59	8/1/2023 10:00	0	0
6761269	8/1/2023 9:59	8/1/2023 10:00	0	0
1308096	8/1/2023 10:00	8/2/2023 10:00	1439	0
872542	8/1/2023 10:00	8/2/2023 10:00	1439	0
264186	8/1/2023 10:00	8/2/2023 10:00	1439	0
988262	8/1/2023 10:00	8/2/2023 10:00	1439	0
637185	8/1/2023 10:00	8/2/2023 10:00	1439	0
1356945	8/1/2023 10:00	8/2/2023 0:28	868	0
1190820	8/1/2023 10:00	8/2/2023 0:28	868	1.11

535771	8/1/2023 10:00	8/2/2023 10:00	1439	0
1077082	8/1/2023 10:00	8/2/2023 10:00	1439	0
46184	8/1/2023 10:00	8/2/2023 10:00	1439	0
705447	8/1/2023 10:00	8/2/2023 10:00	1439	0
558031	8/1/2023 10:00	8/2/2023 0:28	868	0
564357	8/1/2023 10:00	8/2/2023 10:00	1439	0
583848	8/1/2023 10:01	8/2/2023 0:28	867	0
1390184	8/1/2023 10:02	8/2/2023 0:28	866	1.18
496500	8/1/2023 10:07	8/2/2023 0:28	861	0
6714863	8/1/2023 10:09	8/2/2023 0:28	859	0.5
323747	8/1/2023 10:09	8/1/2023 20:07	598	0
1700586	8/1/2023 10:11	8/1/2023 20:15	604	0.42
1020274	8/1/2023 10:13	8/1/2023 20:24	611	2.1
1525793	8/1/2023 10:14	8/1/2023 20:14	600	0
7937779	8/1/2023 10:16	8/1/2023 20:14	598	0
7533405	8/1/2023 10:16	8/1/2023 20:15	599	0.18
265473	8/1/2023 10:17	8/2/2023 0:28	851	0
507365	8/1/2023 10:20	8/1/2023 20:24	604	0
324290	8/1/2023 10:21	8/1/2023 20:19	598	0.36
772378	8/1/2023 10:22	8/1/2023 20:21	599	0
1521914	8/1/2023 10:22	8/1/2023 20:26	604	0.31
299676	8/1/2023 10:23	8/2/2023 0:28	845	0
1309098	8/1/2023 10:25	8/2/2023 0:28	843	1.73
317768	8/1/2023 10:29	8/2/2023 10:00	1410	0
954637	8/1/2023 10:30	8/2/2023 0:28	838	1.09
1521655	8/1/2023 10:37	8/2/2023 0:28	831	0.38
315088	8/1/2023 10:38	8/1/2023 20:41	603	0
1193174	8/1/2023 10:38	8/2/2023 0:28	830	1.61
378229	8/1/2023 10:40	8/2/2023 10:00	1399	0
346288	8/1/2023 10:40	8/1/2023 20:44	604	0.21
328570	8/1/2023 10:44	8/2/2023 9:45	1381	0
321287	8/1/2023 10:48	8/1/2023 19:38	530	1.38
323657	8/1/2023 10:49	8/1/2023 14:08	199	0.19
790670	8/1/2023 10:51	8/1/2023 12:52	121	0
500173	8/1/2023 10:51	8/2/2023 0:28	817	1.53
506261	8/1/2023 10:51	8/2/2023 0:28	817	0
1519179	8/1/2023 10:52	8/2/2023 0:28	816	0.35
564518	8/1/2023 10:56	8/1/2023 20:56	600	0
345647	8/1/2023 10:58	8/1/2023 20:58	600	0
1301093	8/1/2023 10:58	8/2/2023 0:28	810	0.64
8668965	8/1/2023 11:06	8/1/2023 21:09	603	0
319726	8/1/2023 11:09	8/2/2023 0:28	799	0
1704326	8/1/2023 11:09	8/2/2023 0:28	799	0.95
658177	8/1/2023 11:11	8/1/2023 21:09	598	0.59
266906	8/1/2023 11:19	8/1/2023 21:19	600	0
1520371	8/1/2023 11:23	8/2/2023 0:28	785	0.2
315752	8/1/2023 11:25	8/2/2023 0:28	783	0

656628	8/1/2023 11:27	8/1/2023 21:25	598	0.8
353651	8/1/2023 11:29	8/2/2023 0:28	779	0.02
265447	8/1/2023 11:36	8/1/2023 21:34	598	0.46
317126	8/1/2023 11:37	8/1/2023 21:38	601	0
1362130	8/1/2023 11:40	8/1/2023 21:38	598	0
561672	8/1/2023 11:45	8/2/2023 0:28	763	0
7415412	8/1/2023 11:48	8/2/2023 10:00	1331	0
8068454	8/1/2023 11:51	8/2/2023 0:28	757	0
1417279	8/1/2023 11:51	8/1/2023 21:49	598	0.45
315604	8/1/2023 11:56	8/2/2023 10:00	1323	0
316997	8/1/2023 11:56	8/2/2023 0:28	752	0.06
810130	8/1/2023 11:57	8/1/2023 21:56	599	0
8495802	8/1/2023 11:58	8/2/2023 0:28	750	0
51483	8/1/2023 12:04	8/2/2023 0:28	744	0
317053	8/1/2023 12:15	8/2/2023 10:00	1304	0
8950281	8/1/2023 12:19	8/2/2023 4:55	996	0
859747	8/1/2023 12:51	8/1/2023 22:29	578	0
790670	8/1/2023 12:52	8/1/2023 22:24	572	0
479893	8/1/2023 12:54	8/2/2023 10:00	1265	0
751178	8/1/2023 13:02	8/2/2023 0:28	686	0
1704232	8/1/2023 13:05	8/1/2023 22:16	551	0.43
1270983	8/1/2023 13:20	8/1/2023 22:21	541	0
561757	8/1/2023 13:23	8/2/2023 10:00	1236	0
808829	8/1/2023 13:29	8/1/2023 22:25	536	0
1573666	8/1/2023 13:43	8/2/2023 0:28	645	0
1321605	8/1/2023 13:54	8/1/2023 22:18	504	0
323657	8/1/2023 14:08	8/2/2023 0:28	620	0.45
1387226	8/1/2023 14:10	8/1/2023 22:23	493	0
6623421	8/1/2023 14:15	8/2/2023 0:28	613	0.05
298846	8/1/2023 14:16	8/2/2023 0:28	612	0
7879030	8/1/2023 14:17	8/2/2023 0:28	611	0
394702	8/1/2023 14:19	8/2/2023 10:00	1180	0
1524033	8/1/2023 14:21	8/2/2023 0:28	607	0
1267978	8/1/2023 14:22	8/2/2023 10:00	1177	0
1270985	8/1/2023 14:24	8/2/2023 10:00	1175	0
801004	8/1/2023 14:24	8/1/2023 22:27	483	0
2032900	8/1/2023 14:25	8/1/2023 22:18	473	0
1556486	8/1/2023 14:32	8/1/2023 22:29	477	0
281456	8/1/2023 14:33	8/2/2023 0:28	595	0
324045	8/1/2023 14:37	8/2/2023 0:28	591	0
8148103	8/1/2023 14:39	8/2/2023 0:28	589	0.49
1445140	8/1/2023 14:40	8/2/2023 0:28	588	0.09
1093833	8/1/2023 14:41	8/2/2023 0:28	587	0
793690	8/1/2023 14:41	8/1/2023 14:47	6	0.04
306565	8/1/2023 14:44	8/2/2023 0:28	584	0
1518241	8/1/2023 14:44	8/1/2023 22:25	461	0.03
47169	8/1/2023 14:46	8/2/2023 0:28	582	0

793690	8/1/2023 14:47	8/2/2023 0:28	581	0.51
281237	8/1/2023 14:49	8/2/2023 0:28	579	0.27
1557303	8/1/2023 14:50	8/2/2023 0:28	578	0.06
307661	8/1/2023 14:56	8/2/2023 0:28	572	0
1599629	8/1/2023 15:04	8/2/2023 0:28	564	0.04
1557100	8/1/2023 15:07	8/2/2023 0:28	561	0
1417138	8/1/2023 15:08	8/2/2023 0:28	560	0
8734029	8/1/2023 15:26	8/2/2023 0:28	542	0
997397	8/1/2023 15:32	8/2/2023 0:28	536	0
1557188	8/1/2023 15:33	8/2/2023 0:28	535	0
1602630	8/1/2023 15:33	8/2/2023 0:28	535	0.15
6503956	8/1/2023 15:39	8/2/2023 0:28	529	0
1985687	8/1/2023 16:10	8/2/2023 0:28	498	0
1650561	8/1/2023 16:29	8/2/2023 0:28	479	0
446275	8/1/2023 17:35	8/1/2023 22:24	289	0
436698	8/1/2023 17:46	8/1/2023 22:35	289	0
431693	8/1/2023 18:03	8/1/2023 22:36	273	0
321287	8/1/2023 19:38	8/2/2023 10:00	861	0
323747	8/1/2023 20:07	8/2/2023 10:00	832	0
7937779	8/1/2023 20:14	8/2/2023 10:00	825	0
1525793	8/1/2023 20:14	8/2/2023 10:00	825	0
7533405	8/1/2023 20:15	8/2/2023 10:00	824	0
1700586	8/1/2023 20:15	8/2/2023 10:00	824	0
324290	8/1/2023 20:19	8/2/2023 10:00	820	0
772378	8/1/2023 20:21	8/2/2023 10:00	818	0
1020274	8/1/2023 20:24	8/2/2023 10:00	815	0
507365	8/1/2023 20:24	8/2/2023 10:00	815	0
1521914	8/1/2023 20:26	8/2/2023 10:00	813	0
315088	8/1/2023 20:41	8/2/2023 10:00	798	0
346288	8/1/2023 20:44	8/2/2023 10:00	795	0
564518	8/1/2023 20:56	8/2/2023 10:00	783	0
345647	8/1/2023 20:58	8/2/2023 10:00	781	0
658177	8/1/2023 21:09	8/2/2023 10:00	770	0
8668965	8/1/2023 21:09	8/2/2023 10:00	770	0
266906	8/1/2023 21:19	8/2/2023 10:00	760	0
656628	8/1/2023 21:25	8/2/2023 10:00	754	0
265447	8/1/2023 21:34	8/2/2023 10:00	745	0
1362130	8/1/2023 21:38	8/2/2023 10:00	741	0
317126	8/1/2023 21:38	8/2/2023 10:00	741	0
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810130	8/1/2023 21:56	8/2/2023 10:00	723	0
1704232	8/1/2023 22:16	8/2/2023 10:00	703	0
2032900	8/1/2023 22:18	8/2/2023 10:00	701	0
1321605	8/1/2023 22:18	8/2/2023 10:00	701	0
1270983	8/1/2023 22:21	8/2/2023 10:00	698	0
1387226	8/1/2023 22:23	8/2/2023 10:00	696	0
446275	8/1/2023 22:24	8/2/2023 8:34	610	0

790670	8/1/2023 22:24	8/2/2023 10:00	695	0
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808829	8/1/2023 22:25	8/2/2023 10:00	694	0
801004	8/1/2023 22:27	8/2/2023 10:00	692	0
859747	8/1/2023 22:29	8/2/2023 10:00	690	0
1556486	8/1/2023 22:29	8/2/2023 10:00	690	0
436698	8/1/2023 22:35	8/2/2023 8:14	579	0
431693	8/1/2023 22:36	8/2/2023 10:00	683	0
1093833	8/2/2023 0:28	8/2/2023 10:00	571	0
6623421	8/2/2023 0:28	8/2/2023 10:00	571	0
561672	8/2/2023 0:28	8/2/2023 10:00	571	0
1599629	8/2/2023 0:28	8/2/2023 10:00	571	0
6503956	8/2/2023 0:28	8/2/2023 10:00	571	0
1301093	8/2/2023 0:28	8/2/2023 10:00	571	0
6714863	8/2/2023 0:28	8/2/2023 10:00	571	0
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8495802	8/2/2023 0:28	8/2/2023 10:00	571	0
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1520371	8/2/2023 0:28	8/2/2023 10:00	571	0
954637	8/2/2023 0:28	8/2/2023 10:00	571	0
997397	8/2/2023 0:28	8/2/2023 10:00	571	0
8148103	8/2/2023 0:28	8/2/2023 10:00	571	0
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7879030	8/2/2023 0:28	8/2/2023 10:00	571	0
316997	8/2/2023 0:28	8/2/2023 10:00	571	0
1985687	8/2/2023 0:28	8/2/2023 10:00	571	0
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281456	8/2/2023 0:28	8/2/2023 10:00	571	0
1602630	8/2/2023 0:28	8/2/2023 10:00	571	0
51483	8/2/2023 0:28	8/2/2023 10:00	571	0
1557303	8/2/2023 0:28	8/2/2023 10:00	571	0
353651	8/2/2023 0:28	8/2/2023 10:00	571	0
1417138	8/2/2023 0:28	8/2/2023 10:00	571	0

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8068454	8/2/2023 0:28	8/2/2023 10:00	571	0
319726	8/2/2023 0:28	8/2/2023 10:00	571	0
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1190820	8/2/2023 0:28	8/2/2023 8:06	458	0
315752	8/2/2023 0:28	8/2/2023 10:00	571	0
281237	8/2/2023 0:28	8/2/2023 10:00	571	0
583848	8/2/2023 0:28	8/2/2023 10:00	571	0
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1445140	8/2/2023 0:28	8/2/2023 10:00	571	0
1664763	8/2/2023 0:32	8/2/2023 2:49	137	0
1664763	8/2/2023 2:49	8/2/2023 5:31	162	0
8950281	8/2/2023 4:55	8/2/2023 10:00	304	0
1664763	8/2/2023 5:31	8/2/2023 5:47	16	0
1664763	8/2/2023 5:47	8/2/2023 7:01	74	0
1664763	8/2/2023 7:01	8/2/2023 7:12	11	0
1664763	8/2/2023 7:12	8/2/2023 10:00	167	0
1190820	8/2/2023 8:06	8/2/2023 10:00	113	0
393501	8/2/2023 8:09	8/2/2023 10:00	110	0
410569	8/2/2023 8:13	8/2/2023 10:00	106	0
436698	8/2/2023 8:14	8/2/2023 10:00	105	0
745607	8/2/2023 8:18	8/2/2023 10:00	101	0
854579	8/2/2023 8:18	8/2/2023 10:00	101	0
266556	8/2/2023 8:20	8/2/2023 10:00	99	0
317233	8/2/2023 8:26	8/2/2023 10:00	93	0
24124	8/2/2023 8:26	8/2/2023 10:00	93	0
383867	8/2/2023 8:28	8/2/2023 10:00	91	0
446275	8/2/2023 8:34	8/2/2023 10:00	85	0
8511623	8/2/2023 8:40	8/2/2023 10:00	79	0
1704326	8/2/2023 8:51	8/2/2023 10:00	68	0
315345	8/2/2023 8:53	8/2/2023 10:00	66	0.02
181420	8/2/2023 8:57	8/2/2023 10:00	62	0
647603	8/2/2023 9:17	8/2/2023 10:00	42	0
325050	8/2/2023 9:20	8/2/2023 10:00	39	0
315346	8/2/2023 9:42	8/2/2023 10:00	17	0
1493132	8/2/2023 9:42	8/2/2023 10:00	17	0
1503507	8/2/2023 9:43	8/2/2023 10:00	16	0
593397	8/2/2023 9:44	8/2/2023 10:00	15	0
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328570	8/2/2023 9:45	8/2/2023 10:00	14	0
1430553	8/2/2023 9:48	8/2/2023 10:00	11	0

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793638	8/2/2023 9:53	8/2/2023 10:00	6	0.07
6761269	8/2/2023 9:56	8/2/2023 10:00	3	0
301691	8/2/2023 9:57	8/2/2023 10:00	2	0
705447	8/2/2023 10:00	8/3/2023 10:00	1439	0
637185	8/2/2023 10:00	8/3/2023 10:00	1439	0
281456	8/2/2023 10:00	8/2/2023 14:48	288	0
46184	8/2/2023 10:00	8/3/2023 10:00	1439	0
496500	8/2/2023 10:00	8/3/2023 0:28	868	0
1077082	8/2/2023 10:00	8/3/2023 10:00	1439	0
264186	8/2/2023 10:00	8/3/2023 10:00	1439	0
1390184	8/2/2023 10:00	8/2/2023 20:05	605	0
564357	8/2/2023 10:00	8/3/2023 10:00	1439	0
872542	8/2/2023 10:00	8/3/2023 10:00	1439	0
315346	8/2/2023 10:00	8/3/2023 10:00	1439	0
1573666	8/2/2023 10:01	8/3/2023 10:00	1438	0
1557303	8/2/2023 10:01	8/3/2023 10:00	1438	0
393501	8/2/2023 10:03	8/3/2023 10:00	1436	0
1511251	8/2/2023 10:06	8/3/2023 0:28	862	0
1309098	8/2/2023 10:07	8/2/2023 20:06	599	2.05
1190820	8/2/2023 10:09	8/3/2023 9:26	1397	0
237266	8/2/2023 10:09	8/2/2023 20:11	602	0
316997	8/2/2023 10:11	8/3/2023 0:28	857	0.33
1511264	8/2/2023 10:11	8/2/2023 20:08	597	1.8
1525793	8/2/2023 10:15	8/2/2023 20:13	598	0
1700586	8/2/2023 10:16	8/2/2023 20:16	600	0
265473	8/2/2023 10:21	8/2/2023 20:18	597	0
772378	8/2/2023 10:22	8/3/2023 10:00	1417	0
6714863	8/2/2023 10:22	8/3/2023 0:28	846	0.34
507365	8/2/2023 10:24	8/2/2023 20:21	597	0
8104722	8/2/2023 10:25	8/2/2023 20:25	600	0
1356945	8/2/2023 10:26	8/2/2023 16:20	354	0
378229	8/2/2023 10:28	8/2/2023 20:25	597	0.3
954637	8/2/2023 10:30	8/3/2023 0:28	838	1.24
324045	8/2/2023 10:35	8/3/2023 0:28	833	0
8068454	8/2/2023 10:37	8/2/2023 20:38	601	0
1193174	8/2/2023 10:38	8/3/2023 0:28	830	0.03
299676	8/2/2023 10:38	8/3/2023 0:28	830	0
317126	8/2/2023 10:39	8/2/2023 20:37	598	0
346288	8/2/2023 10:40	8/2/2023 20:43	603	0
7879030	8/2/2023 10:41	8/3/2023 0:28	827	0
7937779	8/2/2023 10:46	8/3/2023 0:28	822	0
989956	8/2/2023 10:47	8/3/2023 0:28	821	0.86
266906	8/2/2023 10:48	8/2/2023 20:51	603	0.02
1195990	8/2/2023 10:52	8/3/2023 10:00	1387	0
1508563	8/2/2023 10:52	8/2/2023 20:52	600	2.42
1362855	8/2/2023 10:52	8/2/2023 20:53	601	1.24

506261	8/2/2023 10:54	8/3/2023 0:28	814	0.07
1270983	8/2/2023 10:54	8/3/2023 10:00	1385	0
345647	8/2/2023 10:56	8/3/2023 0:28	812	0
790670	8/2/2023 10:57	8/2/2023 20:53	596	0.24
1301093	8/2/2023 10:58	8/3/2023 0:28	810	2.4
47169	8/2/2023 11:01	8/2/2023 16:04	303	0
259674	8/2/2023 11:01	8/3/2023 0:28	807	0
49209	8/2/2023 11:01	8/3/2023 10:00	1378	0
7533405	8/2/2023 11:02	8/3/2023 0:28	806	0.21
8950281	8/2/2023 11:05	8/3/2023 0:28	803	0
564518	8/2/2023 11:08	8/3/2023 0:28	800	0
656628	8/2/2023 11:09	8/2/2023 21:09	600	0.59
8590289	8/2/2023 11:09	8/2/2023 21:06	597	0
733914	8/2/2023 11:13	8/2/2023 21:14	601	0
8495802	8/2/2023 11:14	8/3/2023 0:28	794	0
1604432	8/2/2023 11:17	8/3/2023 0:28	791	0
315752	8/2/2023 11:22	8/2/2023 21:22	600	0
8668965	8/2/2023 11:22	8/2/2023 21:23	601	0
1267978	8/2/2023 11:23	8/3/2023 0:28	785	0
324290	8/2/2023 11:23	8/3/2023 0:28	785	0.14
1362130	8/2/2023 11:23	8/2/2023 21:23	600	0
1270985	8/2/2023 11:24	8/2/2023 21:41	617	0
1093833	8/2/2023 11:25	8/3/2023 0:28	783	0.86
793690	8/2/2023 11:25	8/3/2023 0:28	783	0.54
658177	8/2/2023 11:26	8/2/2023 21:23	597	1.56
394702	8/2/2023 11:27	8/3/2023 10:00	1352	0.03
318815	8/2/2023 11:31	8/3/2023 0:28	777	0
313011	8/2/2023 11:38	8/3/2023 0:28	770	0
2032900	8/2/2023 11:38	8/2/2023 21:40	602	0
315088	8/2/2023 11:40	8/3/2023 0:28	768	0
549617	8/2/2023 11:43	8/2/2023 21:38	595	0.43
51483	8/2/2023 11:49	8/3/2023 0:28	759	0
8148103	8/2/2023 11:55	8/3/2023 0:28	753	0.7
1320008	8/2/2023 11:55	8/2/2023 21:56	601	0.13
323747	8/2/2023 12:08	8/3/2023 10:00	1311	0
791361	8/2/2023 12:09	8/2/2023 22:06	597	0
1320619	8/2/2023 12:10	8/3/2023 10:00	1309	0
1020466	8/2/2023 12:13	8/3/2023 10:00	1306	0
317768	8/2/2023 12:19	8/3/2023 0:28	729	0.02
323657	8/2/2023 12:24	8/3/2023 0:28	724	0
1321605	8/2/2023 12:25	8/3/2023 0:28	723	0.16
315604	8/2/2023 12:26	8/3/2023 0:28	722	0
561672	8/2/2023 12:33	8/3/2023 10:00	1286	0
859747	8/2/2023 12:37	8/3/2023 0:28	711	0
860281	8/2/2023 12:52	8/3/2023 0:28	696	0
1417138	8/2/2023 13:37	8/3/2023 0:28	651	0
315380	8/2/2023 13:39	8/3/2023 0:28	649	0

1539391	8/2/2023 13:48	8/3/2023 10:00	1211	0
314564	8/2/2023 13:54	8/3/2023 0:28	634	0
810130	8/2/2023 13:55	8/3/2023 0:28	633	0
1406535	8/2/2023 14:02	8/2/2023 15:31	89	0
1704232	8/2/2023 14:03	8/3/2023 0:28	625	0.12
6623421	8/2/2023 14:07	8/3/2023 0:28	621	0
313954	8/2/2023 14:10	8/3/2023 0:28	618	0
583848	8/2/2023 14:15	8/3/2023 0:28	613	0
1020274	8/2/2023 14:27	8/2/2023 22:10	463	0
306565	8/2/2023 14:28	8/3/2023 0:28	600	0
281237	8/2/2023 14:32	8/3/2023 0:28	596	0.02
1553245	8/2/2023 14:35	8/2/2023 22:17	462	0
1320646	8/2/2023 14:40	8/2/2023 22:22	462	0.02
1393633	8/2/2023 14:44	8/2/2023 22:16	452	0
980398	8/2/2023 14:45	8/3/2023 0:28	583	0
281456	8/2/2023 14:48	8/3/2023 0:28	580	0
997397	8/2/2023 14:49	8/3/2023 10:00	1150	0
1395587	8/2/2023 14:49	8/3/2023 0:28	579	0
572883	8/2/2023 14:49	8/3/2023 0:28	579	0
1514004	8/2/2023 14:51	8/3/2023 0:28	577	0
8387677	8/2/2023 14:53	8/3/2023 0:28	575	0
307661	8/2/2023 14:58	8/3/2023 0:28	570	0
328408	8/2/2023 15:21	8/3/2023 0:28	547	0
1332906	8/2/2023 15:22	8/2/2023 22:11	409	0
1518241	8/2/2023 15:29	8/2/2023 22:23	414	0
808829	8/2/2023 15:29	8/2/2023 22:23	414	0
1406535	8/2/2023 15:31	8/3/2023 0:28	537	0
500173	8/2/2023 15:35	8/3/2023 0:28	533	0.25
1602508	8/2/2023 15:58	8/3/2023 0:28	510	0
47169	8/2/2023 16:04	8/3/2023 0:28	504	0
1418916	8/2/2023 16:19	8/3/2023 0:28	489	0
1076617	8/2/2023 16:20	8/3/2023 0:28	488	0
1356945	8/2/2023 16:20	8/3/2023 10:00	1059	0
338734	8/2/2023 16:23	8/3/2023 0:28	485	0
431693	8/2/2023 17:32	8/2/2023 22:31	299	0
1390184	8/2/2023 20:05	8/3/2023 10:00	834	0
1309098	8/2/2023 20:06	8/3/2023 9:51	825	0
1511264	8/2/2023 20:08	8/3/2023 10:00	831	0
237266	8/2/2023 20:11	8/3/2023 10:00	828	0
1525793	8/2/2023 20:13	8/3/2023 10:00	826	0
1700586	8/2/2023 20:16	8/3/2023 10:00	823	0
265473	8/2/2023 20:18	8/3/2023 10:00	821	0
507365	8/2/2023 20:21	8/3/2023 10:00	818	0
8104722	8/2/2023 20:25	8/3/2023 9:38	793	0
378229	8/2/2023 20:25	8/3/2023 10:00	814	0
317126	8/2/2023 20:37	8/3/2023 10:00	802	0
8068454	8/2/2023 20:38	8/3/2023 10:00	801	0

346288	8/2/2023 20:43	8/3/2023 10:00	796	0
266906	8/2/2023 20:51	8/3/2023 10:00	788	0
1508563	8/2/2023 20:52	8/3/2023 10:00	787	0
1362855	8/2/2023 20:53	8/3/2023 9:56	783	0
790670	8/2/2023 20:53	8/3/2023 10:00	786	0
8590289	8/2/2023 21:06	8/3/2023 10:00	773	0
656628	8/2/2023 21:09	8/3/2023 10:00	770	0
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1362130	8/2/2023 21:23	8/3/2023 10:00	756	0
8668965	8/2/2023 21:23	8/3/2023 10:00	756	0
658177	8/2/2023 21:23	8/3/2023 10:00	756	0
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2032900	8/2/2023 21:40	8/3/2023 10:00	739	0
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1320008	8/2/2023 21:56	8/3/2023 10:00	723	0
791361	8/2/2023 22:06	8/3/2023 10:00	713	0
1020274	8/2/2023 22:10	8/3/2023 10:00	709	0
1332906	8/2/2023 22:11	8/3/2023 10:00	708	0
1393633	8/2/2023 22:16	8/3/2023 10:00	703	0
1553245	8/2/2023 22:17	8/3/2023 10:00	702	0
1320646	8/2/2023 22:22	8/3/2023 10:00	697	0
808829	8/2/2023 22:23	8/3/2023 10:00	696	0
1518241	8/2/2023 22:23	8/3/2023 10:00	696	0
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500173	8/3/2023 0:28	8/3/2023 10:00	571	0
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315380	8/3/2023 0:28	8/3/2023 10:00	571	0
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345647	8/3/2023 0:28	8/3/2023 10:00	571	0
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318815	8/3/2023 0:28	8/3/2023 10:00	571	0
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1093833	8/3/2023 0:28	8/3/2023 10:00	571	0
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1301093	8/3/2023 0:28	8/3/2023 10:00	571	0
989956	8/3/2023 0:28	8/3/2023 10:00	571	0
1417138	8/3/2023 0:28	8/3/2023 10:00	571	0
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324045	8/3/2023 0:28	8/3/2023 10:00	571	0
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7937779	8/3/2023 0:28	8/3/2023 10:00	571	0
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745607	8/3/2023 8:17	8/3/2023 10:00	102	0
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24124	8/3/2023 8:27	8/3/2023 10:00	92	0
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558031	8/3/2023 9:34	8/3/2023 10:00	25	0
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1493132	8/3/2023 9:43	8/3/2023 10:00	16	0
1368745	8/3/2023 9:43	8/3/2023 10:00	16	0
1309098	8/3/2023 9:51	8/3/2023 10:00	8	0
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6761269	8/3/2023 9:59	8/3/2023 10:00	0	0
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264186	8/3/2023 10:00	8/4/2023 10:00	1439	0
1308096	8/3/2023 10:00	8/4/2023 10:00	1439	0
872542	8/3/2023 10:00	8/4/2023 10:00	1439	0
705447	8/3/2023 10:00	8/4/2023 10:00	1439	0
1390184	8/3/2023 10:00	8/3/2023 20:04	604	0.16
997397	8/3/2023 10:00	8/4/2023 10:00	1439	0
1077082	8/3/2023 10:00	8/4/2023 10:00	1439	0
637185	8/3/2023 10:00	8/4/2023 10:00	1439	0
46184	8/3/2023 10:00	8/4/2023 10:00	1439	0
1251782	8/3/2023 10:05	8/4/2023 0:28	863	0
325050	8/3/2023 10:07	8/4/2023 0:28	861	0
301691	8/3/2023 10:09	8/3/2023 20:13	604	0
8734029	8/3/2023 10:10	8/4/2023 0:28	858	0
237266	8/3/2023 10:11	8/4/2023 0:53	882	0
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1700586	8/3/2023 10:16	8/3/2023 20:14	598	0.06
1557303	8/3/2023 10:18	8/4/2023 0:28	850	0.09
47169	8/3/2023 10:19	8/4/2023 0:28	849	0.31
1604432	8/3/2023 10:20	8/4/2023 0:28	848	0
1417138	8/3/2023 10:21	8/3/2023 20:20	599	0
1356945	8/3/2023 10:22	8/3/2023 20:26	604	0
772378	8/3/2023 10:23	8/4/2023 0:28	845	0
6714863	8/3/2023 10:23	8/4/2023 0:28	845	0.09
954637	8/3/2023 10:26	8/3/2023 20:27	601	0
8495802	8/3/2023 10:27	8/4/2023 0:28	841	0
1299402	8/3/2023 10:28	8/4/2023 0:28	840	0.09
7533405	8/3/2023 10:32	8/4/2023 0:28	836	0.1
49209	8/3/2023 10:34	8/4/2023 0:28	834	0
1557188	8/3/2023 10:34	8/3/2023 20:32	598	0
456099	8/3/2023 10:35	8/3/2023 20:33	598	0.07
793690	8/3/2023 10:36	8/4/2023 0:28	832	0.09

1417279	8/3/2023 10:37	8/4/2023 0:28	831	0.16
801004	8/3/2023 10:37	8/4/2023 0:28	831	0
324045	8/3/2023 10:38	8/4/2023 0:28	830	0
1432509	8/3/2023 10:39	8/4/2023 0:28	829	0
1193174	8/3/2023 10:40	8/4/2023 0:28	828	0.47
317126	8/3/2023 10:40	8/4/2023 0:28	828	0
1511251	8/3/2023 10:40	8/4/2023 0:40	840	0
790670	8/3/2023 10:42	8/3/2023 20:41	599	0
346288	8/3/2023 10:43	8/4/2023 0:28	825	0.21
507365	8/3/2023 10:52	8/4/2023 0:28	816	0
1552154	8/3/2023 10:54	8/4/2023 0:28	814	0.24
345647	8/3/2023 10:59	8/4/2023 0:28	809	0
1301093	8/3/2023 11:00	8/4/2023 0:28	808	1.61
306565	8/3/2023 11:02	8/4/2023 0:28	806	0
1556486	8/3/2023 11:03	8/4/2023 0:28	805	0
8068454	8/3/2023 11:04	8/4/2023 0:28	804	0
121748	8/3/2023 11:06	8/4/2023 0:28	802	0
457729	8/3/2023 11:06	8/4/2023 0:28	802	0
564518	8/3/2023 11:07	8/4/2023 0:28	801	0
656628	8/3/2023 11:09	8/4/2023 0:28	799	0
1195990	8/3/2023 11:10	8/4/2023 10:00	1369	0
7879030	8/3/2023 11:13	8/4/2023 0:28	795	0
1556565	8/3/2023 11:18	8/4/2023 0:28	790	0.01
1586005	8/3/2023 11:22	8/4/2023 0:28	786	0
8387677	8/3/2023 11:22	8/4/2023 0:28	786	0.09
8668965	8/3/2023 11:22	8/4/2023 0:28	786	0.13
1270983	8/3/2023 11:22	8/4/2023 10:00	1357	0
1551513	8/3/2023 11:23	8/4/2023 0:28	785	0
496500	8/3/2023 11:23	8/3/2023 21:21	598	0
315752	8/3/2023 11:23	8/4/2023 10:00	1356	0
1093833	8/3/2023 11:23	8/3/2023 21:26	603	1.03
658177	8/3/2023 11:23	8/4/2023 0:28	785	0
1511264	8/3/2023 11:24	8/4/2023 0:28	784	1.27
323747	8/3/2023 11:24	8/4/2023 0:28	784	0
307661	8/3/2023 11:27	8/4/2023 0:28	781	0.07
561672	8/3/2023 11:30	8/4/2023 0:28	778	0.16
1270985	8/3/2023 11:39	8/4/2023 10:00	1340	0
315345	8/3/2023 11:41	8/3/2023 21:42	601	0.91
1406535	8/3/2023 11:44	8/4/2023 0:28	764	0
1704232	8/3/2023 11:45	8/4/2023 0:28	763	0.23
1525793	8/3/2023 11:48	8/4/2023 0:28	760	0
1557676	8/3/2023 11:51	8/3/2023 21:50	599	0
315346	8/3/2023 11:54	8/4/2023 0:28	754	0
1362130	8/3/2023 11:55	8/4/2023 0:28	753	0
1985687	8/3/2023 11:58	8/4/2023 0:28	750	0
7415412	8/3/2023 12:05	8/4/2023 0:28	743	0
323657	8/3/2023 12:06	8/4/2023 0:28	742	0.1

315380	8/3/2023 12:09	8/4/2023 0:28	739	0
265447	8/3/2023 12:16	8/4/2023 0:28	732	0
314564	8/3/2023 12:22	8/4/2023 0:28	726	0
1320619	8/3/2023 12:28	8/4/2023 10:00	1291	0
1321605	8/3/2023 13:41	8/4/2023 0:28	647	0
299676	8/3/2023 13:58	8/4/2023 0:31	633	0
1320008	8/3/2023 14:06	8/3/2023 14:38	32	0
378229	8/3/2023 14:10	8/4/2023 0:28	618	0
810130	8/3/2023 14:13	8/4/2023 0:28	615	0
1020274	8/3/2023 14:13	8/4/2023 0:28	615	0
1518241	8/3/2023 14:14	8/4/2023 0:28	614	0
265473	8/3/2023 14:20	8/3/2023 22:06	466	0
2032900	8/3/2023 14:23	8/4/2023 0:28	605	0
321310	8/3/2023 14:23	8/4/2023 0:28	605	0
316997	8/3/2023 14:24	8/3/2023 22:25	481	0
535771	8/3/2023 14:24	8/4/2023 10:00	1175	0
583848	8/3/2023 14:29	8/4/2023 0:28	599	0
808829	8/3/2023 14:29	8/4/2023 0:28	599	0
281456	8/3/2023 14:33	8/4/2023 0:28	595	0
6503956	8/3/2023 14:35	8/4/2023 0:28	593	0
500173	8/3/2023 14:36	8/3/2023 22:07	451	0
1220897	8/3/2023 14:36	8/3/2023 22:18	462	0
1320008	8/3/2023 14:38	8/3/2023 22:04	446	0
8148103	8/3/2023 14:38	8/4/2023 0:28	590	0.41
324290	8/3/2023 14:39	8/4/2023 0:28	589	0
572883	8/3/2023 14:47	8/4/2023 0:28	581	0.23
281237	8/3/2023 14:50	8/4/2023 0:28	578	0
990897	8/3/2023 14:52	8/4/2023 0:28	576	0
1681747	8/3/2023 14:52	8/3/2023 22:24	452	0
593397	8/3/2023 15:02	8/3/2023 22:13	431	0
1556602	8/3/2023 15:04	8/4/2023 0:28	564	0
1602630	8/3/2023 15:19	8/4/2023 0:28	549	0.07
1387226	8/3/2023 15:23	8/4/2023 0:28	545	0
394702	8/3/2023 15:26	8/4/2023 0:28	542	0
6623421	8/3/2023 15:41	8/4/2023 0:28	527	0
1513240	8/3/2023 15:46	8/4/2023 0:28	522	0
561757	8/3/2023 15:49	8/4/2023 0:28	519	0
8206792	8/3/2023 15:55	8/4/2023 0:28	513	0
395612	8/3/2023 15:57	8/3/2023 22:21	384	0
1076617	8/3/2023 16:03	8/4/2023 0:28	505	0
304345	8/3/2023 16:29	8/3/2023 22:20	351	0
456084	8/3/2023 16:35	8/4/2023 0:28	473	0
8621797	8/3/2023 16:58	8/4/2023 0:28	450	0
389401	8/3/2023 17:11	8/4/2023 10:00	1008	0
436698	8/3/2023 17:14	8/4/2023 0:28	434	0
392602	8/3/2023 17:17	8/4/2023 0:28	431	0
446275	8/3/2023 17:18	8/4/2023 0:28	430	0

392223	8/3/2023 17:31	8/4/2023 0:28	417	0
377485	8/3/2023 17:41	8/3/2023 22:14	273	0
252824	8/3/2023 17:43	8/4/2023 0:28	405	0
237758	8/3/2023 17:57	8/4/2023 0:28	391	0
1473365	8/3/2023 19:15	8/4/2023 0:56	341	0
1390184	8/3/2023 20:04	8/4/2023 10:00	835	0
301691	8/3/2023 20:13	8/4/2023 10:00	826	0
1700586	8/3/2023 20:14	8/4/2023 10:00	825	0
1417138	8/3/2023 20:20	8/4/2023 10:00	819	0
1356945	8/3/2023 20:26	8/4/2023 8:56	750	0
954637	8/3/2023 20:27	8/4/2023 10:00	812	0
1557188	8/3/2023 20:32	8/4/2023 10:00	807	0
456099	8/3/2023 20:33	8/4/2023 10:00	806	0
790670	8/3/2023 20:41	8/4/2023 10:00	798	0
496500	8/3/2023 21:21	8/4/2023 10:00	758	0
1093833	8/3/2023 21:26	8/4/2023 10:00	753	0
315345	8/3/2023 21:42	8/4/2023 9:41	719	0
1557676	8/3/2023 21:50	8/4/2023 10:00	729	0
1320008	8/3/2023 22:04	8/4/2023 10:00	715	0
265473	8/3/2023 22:06	8/4/2023 10:00	713	0
500173	8/3/2023 22:07	8/4/2023 10:00	712	0
593397	8/3/2023 22:13	8/4/2023 10:00	706	0
377485	8/3/2023 22:14	8/4/2023 10:00	705	0
1220897	8/3/2023 22:18	8/4/2023 10:00	701	0
304345	8/3/2023 22:20	8/4/2023 10:00	699	0
395612	8/3/2023 22:21	8/4/2023 10:00	698	0
1681747	8/3/2023 22:24	8/4/2023 10:00	695	0
316997	8/3/2023 22:25	8/4/2023 10:00	694	0
583848	8/4/2023 0:28	8/4/2023 10:00	571	0
314564	8/4/2023 0:28	8/4/2023 10:00	571	0
323747	8/4/2023 0:28	8/4/2023 10:00	571	0
1020274	8/4/2023 0:28	8/4/2023 10:00	571	0
324045	8/4/2023 0:28	8/4/2023 10:00	571	0
392223	8/4/2023 0:28	8/4/2023 10:00	571	0
572883	8/4/2023 0:28	8/4/2023 10:00	571	0
8668965	8/4/2023 0:28	8/4/2023 10:00	571	0
1518241	8/4/2023 0:28	8/4/2023 10:00	571	0
346288	8/4/2023 0:28	8/4/2023 10:00	571	0
561672	8/4/2023 0:28	8/4/2023 10:00	571	0
1406535	8/4/2023 0:28	8/4/2023 9:31	543	0
990897	8/4/2023 0:28	8/4/2023 10:00	571	0
281456	8/4/2023 0:28	8/4/2023 10:00	571	0
1704232	8/4/2023 0:28	8/4/2023 10:00	571	0
793690	8/4/2023 0:28	8/4/2023 10:00	571	0
6623421	8/4/2023 0:28	8/4/2023 10:00	571	0
324290	8/4/2023 0:28	8/4/2023 10:00	571	0
1556486	8/4/2023 0:28	8/4/2023 10:00	571	0

321310	8/4/2023 0:28	8/4/2023 10:00	571	0
2032900	8/4/2023 0:28	8/4/2023 10:00	571	0
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237266	8/4/2023 0:53	8/4/2023 10:00	546	0
1473365	8/4/2023 0:56	8/4/2023 10:00	543	0
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8950281	8/4/2023 8:33	8/4/2023 10:00	86	0
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315346	8/4/2023 9:56	8/4/2023 10:00	3	0
299676	8/4/2023 9:57	8/4/2023 10:00	2	0
6761269	8/4/2023 9:57	8/4/2023 10:00	2	0
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7937779	8/4/2023 10:00	8/5/2023 0:28	868	0
564357	8/4/2023 10:00	8/5/2023 10:00	1439	0
1624452	8/4/2023 10:00	8/5/2023 10:00	1439	0
535771	8/4/2023 10:00	8/5/2023 10:00	1439	0
705447	8/4/2023 10:00	8/5/2023 10:00	1439	0
637185	8/4/2023 10:00	8/5/2023 10:00	1439	0
264186	8/4/2023 10:00	8/5/2023 10:00	1439	0
988262	8/4/2023 10:00	8/5/2023 10:00	1439	0
46184	8/4/2023 10:00	8/5/2023 10:00	1439	0
1390184	8/4/2023 10:00	8/4/2023 20:02	602	0.32
1308096	8/4/2023 10:00	8/5/2023 10:00	1439	0
1368745	8/4/2023 10:03	8/5/2023 0:28	865	0
1586005	8/4/2023 10:07	8/5/2023 0:28	861	0
1309098	8/4/2023 10:07	8/4/2023 20:09	602	0
301691	8/4/2023 10:07	8/5/2023 0:28	861	0
558031	8/4/2023 10:09	8/5/2023 10:00	1430	0
1321605	8/4/2023 10:09	8/4/2023 20:08	599	0
315088	8/4/2023 10:09	8/4/2023 20:07	598	0
1704326	8/4/2023 10:10	8/5/2023 0:28	858	0.06
237266	8/4/2023 10:12	8/5/2023 0:28	856	0
1576533	8/4/2023 10:12	8/5/2023 0:28	856	0.78
1700586	8/4/2023 10:14	8/4/2023 20:14	600	0.1
456099	8/4/2023 10:17	8/4/2023 20:19	602	0
507365	8/4/2023 10:21	8/4/2023 20:25	604	0
772378	8/4/2023 10:22	8/4/2023 13:52	210	0
265473	8/4/2023 10:22	8/4/2023 20:21	599	0
325050	8/4/2023 10:22	8/5/2023 0:28	846	0
580808	8/4/2023 10:22	8/5/2023 10:00	1417	0
312766	8/4/2023 10:22	8/5/2023 0:28	846	0.14
1320008	8/4/2023 10:23	8/4/2023 20:23	600	0.09
1362130	8/4/2023 10:24	8/4/2023 20:22	598	0
954637	8/4/2023 10:26	8/5/2023 0:28	842	0
806370	8/4/2023 10:28	8/5/2023 0:28	840	0
47169	8/4/2023 10:29	8/5/2023 0:28	839	0.1
324045	8/4/2023 10:36	8/5/2023 0:28	832	0
7533405	8/4/2023 10:47	8/5/2023 0:28	821	0.46
49209	8/4/2023 10:48	8/5/2023 0:28	820	0
1557303	8/4/2023 10:48	8/5/2023 0:28	820	0
496500	8/4/2023 10:51	8/5/2023 0:28	817	0.11
989956	8/4/2023 10:51	8/5/2023 0:28	817	0
378229	8/4/2023 10:54	8/5/2023 0:28	814	0.73

346288	8/4/2023 10:54	8/5/2023 0:28	814	0.22
1511251	8/4/2023 10:55	8/5/2023 0:28	813	0
957615	8/4/2023 10:55	8/4/2023 20:59	604	0
1514004	8/4/2023 10:59	8/4/2023 21:03	604	0.22
1599629	8/4/2023 10:59	8/5/2023 1:59	900	0.1
1301093	8/4/2023 10:59	8/5/2023 0:28	809	0.17
306565	8/4/2023 11:00	8/5/2023 0:28	808	0
1556486	8/4/2023 11:01	8/4/2023 21:05	604	0
500173	8/4/2023 11:04	8/5/2023 0:28	804	2.28
8668965	8/4/2023 11:05	8/5/2023 0:28	803	0
1511264	8/4/2023 11:07	8/5/2023 0:51	824	0.19
1417138	8/4/2023 11:07	8/5/2023 0:28	801	0
801004	8/4/2023 11:07	8/4/2023 21:08	601	0
656628	8/4/2023 11:07	8/4/2023 21:13	606	0.01
317126	8/4/2023 11:09	8/5/2023 0:28	799	0.54
1193174	8/4/2023 11:10	8/5/2023 0:28	798	0.09
1320646	8/4/2023 11:10	8/4/2023 21:08	598	0
8495802	8/4/2023 11:13	8/5/2023 0:28	795	0
345647	8/4/2023 11:14	8/5/2023 0:28	794	0
1395587	8/4/2023 11:15	8/4/2023 21:19	604	0
8068454	8/4/2023 11:18	8/4/2023 13:03	105	0
274064	8/4/2023 11:19	8/4/2023 21:19	600	0.45
1557188	8/4/2023 11:19	8/5/2023 0:28	789	0
394702	8/4/2023 11:21	8/5/2023 10:00	1358	0
1516739	8/4/2023 11:21	8/4/2023 21:26	605	0
6623421	8/4/2023 11:22	8/5/2023 0:28	786	0.16
1446785	8/4/2023 11:23	8/4/2023 21:23	600	0.7
316997	8/4/2023 11:26	8/5/2023 0:28	782	0.01
658177	8/4/2023 11:27	8/4/2023 21:25	598	0.15
583848	8/4/2023 11:29	8/5/2023 0:28	779	0
8148103	8/4/2023 11:36	8/4/2023 19:42	486	0.29
1557676	8/4/2023 11:50	8/4/2023 21:50	600	0.03
1704232	8/4/2023 12:05	8/5/2023 0:28	743	0.01
265447	8/4/2023 12:34	8/5/2023 0:28	714	0
1556919	8/4/2023 13:02	8/5/2023 10:00	1257	0
8068454	8/4/2023 13:03	8/5/2023 10:00	1256	0
952881	8/4/2023 13:29	8/5/2023 10:00	1230	0
1573666	8/4/2023 13:45	8/5/2023 0:28	643	0
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457729	8/4/2023 14:05	8/5/2023 0:28	623	0
321310	8/4/2023 14:06	8/4/2023 14:11	5	0
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307661	8/4/2023 14:12	8/5/2023 0:28	616	0
6714863	8/4/2023 14:23	8/5/2023 0:28	605	0
8734029	8/4/2023 14:26	8/5/2023 0:28	602	0
563721	8/4/2023 14:30	8/5/2023 0:28	598	0

572883	8/4/2023 14:35	8/5/2023 0:28	593	0
8387677	8/4/2023 14:39	8/5/2023 0:28	589	0
1093833	8/4/2023 14:41	8/5/2023 0:28	587	0
304345	8/4/2023 14:42	8/5/2023 0:49	607	0
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1393633	8/4/2023 14:45	8/4/2023 22:22	457	0
1602630	8/4/2023 14:47	8/5/2023 0:28	581	0.49
1600016	8/4/2023 14:48	8/5/2023 0:28	580	0
2032900	8/4/2023 14:52	8/5/2023 0:28	576	0
808829	8/4/2023 14:54	8/5/2023 0:28	574	0
1432509	8/4/2023 14:58	8/5/2023 0:28	570	0
1597937	8/4/2023 15:00	8/5/2023 0:28	568	0
281237	8/4/2023 15:06	8/5/2023 0:28	562	0
7879030	8/4/2023 15:08	8/5/2023 0:28	560	0
6503956	8/4/2023 15:10	8/5/2023 0:28	558	0
8621797	8/4/2023 15:17	8/5/2023 0:28	551	0
281456	8/4/2023 15:22	8/5/2023 0:28	546	0
1681747	8/4/2023 15:25	8/5/2023 0:28	543	0
5212517	8/4/2023 15:27	8/4/2023 22:27	420	0
308032	8/4/2023 15:34	8/5/2023 0:28	534	0
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252824	8/4/2023 17:02	8/5/2023 0:28	446	0
626600	8/4/2023 17:13	8/5/2023 0:28	435	0
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392223	8/4/2023 17:44	8/5/2023 0:28	404	0
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8148103	8/4/2023 19:42	8/5/2023 10:00	857	0
1473365	8/4/2023 19:55	8/5/2023 2:50	415	0
1390184	8/4/2023 20:02	8/5/2023 10:00	837	0
315088	8/4/2023 20:07	8/5/2023 10:00	832	0
1321605	8/4/2023 20:08	8/5/2023 9:26	798	0
1309098	8/4/2023 20:09	8/5/2023 10:00	830	0
1700586	8/4/2023 20:14	8/5/2023 10:00	825	0
456099	8/4/2023 20:19	8/5/2023 10:00	820	0
772378	8/4/2023 20:20	8/5/2023 10:00	819	0
265473	8/4/2023 20:21	8/5/2023 10:00	818	0
1362130	8/4/2023 20:22	8/5/2023 10:00	817	0
1320008	8/4/2023 20:23	8/5/2023 8:11	708	0
507365	8/4/2023 20:25	8/5/2023 10:00	814	0
957615	8/4/2023 20:59	8/5/2023 10:00	780	0
1514004	8/4/2023 21:03	8/5/2023 10:00	776	0
1556486	8/4/2023 21:05	8/5/2023 10:00	774	0
801004	8/4/2023 21:08	8/5/2023 10:00	771	0
1320646	8/4/2023 21:08	8/5/2023 10:00	771	0
656628	8/4/2023 21:13	8/5/2023 10:00	766	0

274064	8/4/2023 21:19	8/5/2023 10:00	760	0
1395587	8/4/2023 21:19	8/5/2023 10:00	760	0
1446785	8/4/2023 21:23	8/5/2023 10:00	756	0
658177	8/4/2023 21:25	8/5/2023 10:00	754	0
1516739	8/4/2023 21:26	8/5/2023 10:00	753	0
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1393633	8/4/2023 22:22	8/5/2023 10:00	697	0
5212517	8/4/2023 22:27	8/5/2023 10:00	692	0
378229	8/5/2023 0:28	8/5/2023 10:00	571	0
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1417138	8/5/2023 0:28	8/5/2023 10:00	571	0
8621797	8/5/2023 0:28	8/5/2023 10:00	571	0
8734029	8/5/2023 0:28	8/5/2023 10:00	571	0
1093833	8/5/2023 0:28	8/5/2023 10:00	571	0
301691	8/5/2023 0:28	8/5/2023 9:42	554	0
392223	8/5/2023 0:28	8/5/2023 10:00	571	0
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980398	8/5/2023 0:28	8/5/2023 10:00	571	0
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1368745	8/5/2023 0:28	8/5/2023 9:19	531	0
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1597937	8/5/2023 0:28	8/5/2023 10:00	571	0
989956	8/5/2023 0:28	8/5/2023 10:00	571	0
1573666	8/5/2023 0:28	8/5/2023 10:00	571	0
307661	8/5/2023 0:28	8/5/2023 10:00	571	0
237266	8/5/2023 0:28	8/5/2023 10:00	571	0
563721	8/5/2023 0:28	8/5/2023 10:00	571	0
496500	8/5/2023 0:28	8/5/2023 10:00	571	0
345647	8/5/2023 0:28	8/5/2023 10:00	571	0
1704326	8/5/2023 0:28	8/5/2023 8:55	507	0
6733217	8/5/2023 0:28	8/5/2023 10:00	571	0
8668965	8/5/2023 0:28	8/5/2023 10:00	571	0
317126	8/5/2023 0:28	8/5/2023 10:00	571	0
1681747	8/5/2023 0:28	8/5/2023 10:00	571	0
8495802	8/5/2023 0:28	8/5/2023 10:00	571	0
1193174	8/5/2023 0:28	8/5/2023 10:00	571	0
316997	8/5/2023 0:28	8/5/2023 10:00	571	0
321310	8/5/2023 0:28	8/5/2023 10:00	571	0
1602630	8/5/2023 0:28	8/5/2023 10:00	571	0
1576533	8/5/2023 0:28	8/5/2023 10:00	571	0
1557303	8/5/2023 0:28	8/5/2023 10:00	571	0
281456	8/5/2023 0:28	8/5/2023 10:00	571	0
6503956	8/5/2023 0:28	8/5/2023 10:00	571	0
1704232	8/5/2023 0:28	8/5/2023 10:00	571	0
954637	8/5/2023 0:28	8/5/2023 10:00	571	0
1301093	8/5/2023 0:28	8/5/2023 10:00	571	0
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265447	8/5/2023 0:28	8/5/2023 10:00	571	0
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626600	8/5/2023 0:28	8/5/2023 8:23	475	0
6623421	8/5/2023 0:28	8/5/2023 10:00	571	0
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312766	8/5/2023 0:28	8/5/2023 10:00	571	0
325050	8/5/2023 0:28	8/5/2023 10:00	571	0
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1430553	8/5/2023 9:32	8/5/2023 10:00	27	0
301691	8/5/2023 9:42	8/5/2023 10:00	17	0
1503507	8/5/2023 9:43	8/5/2023 10:00	16	0
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7937779	8/5/2023 9:59	8/5/2023 10:00	0	0
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1704232	8/5/2023 10:00	8/6/2023 0:28	868	0.56
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564357	8/5/2023 10:00	8/6/2023 10:00	1439	0
1390184	8/5/2023 10:00	8/5/2023 20:06	606	0.03
264186	8/5/2023 10:00	8/6/2023 10:00	1439	0
705447	8/5/2023 10:00	8/6/2023 10:00	1439	0
872542	8/5/2023 10:00	8/6/2023 10:00	1439	0
46184	8/5/2023 10:00	8/6/2023 10:00	1439	0
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1604432	8/5/2023 10:07	8/6/2023 0:28	861	0
325050	8/5/2023 10:08	8/6/2023 0:28	860	0
1309098	8/5/2023 10:09	8/5/2023 20:10	601	0.73
1518241	8/5/2023 10:11	8/5/2023 11:45	94	0
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160073	8/5/2023 10:15	8/6/2023 0:28	853	0
801004	8/5/2023 10:21	8/6/2023 0:28	847	0
265473	8/5/2023 10:21	8/5/2023 20:19	598	0
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1190820	8/5/2023 10:27	8/5/2023 20:27	600	0.17

7533405	8/5/2023 10:30	8/6/2023 0:28	838	0.46
954637	8/5/2023 10:30	8/6/2023 0:28	838	0
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1602630	8/5/2023 10:34	8/6/2023 0:28	834	0.37
8068454	8/5/2023 10:35	8/6/2023 0:28	833	0
324045	8/5/2023 10:38	8/6/2023 0:28	830	0
808829	8/5/2023 10:40	8/6/2023 0:28	828	0
321310	8/5/2023 10:41	8/6/2023 0:28	827	0
1624452	8/5/2023 10:46	8/6/2023 0:28	822	0
1076617	8/5/2023 10:51	8/5/2023 12:05	74	0
500173	8/5/2023 10:52	8/6/2023 0:28	816	2.13
1320619	8/5/2023 10:54	8/5/2023 20:53	599	0
266906	8/5/2023 11:03	8/6/2023 0:28	805	0
8950281	8/5/2023 11:04	8/6/2023 0:28	804	0
496500	8/5/2023 11:04	8/5/2023 21:07	603	0
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656628	8/5/2023 11:08	8/6/2023 0:28	800	0
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1511251	8/5/2023 11:10	8/6/2023 0:28	798	0
8668965	8/5/2023 11:10	8/6/2023 0:28	798	0
299676	8/5/2023 11:10	8/6/2023 0:28	798	0
394702	8/5/2023 11:10	8/6/2023 10:00	1369	0
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1301093	8/5/2023 11:31	8/6/2023 0:28	777	0.5
8621797	8/5/2023 11:31	8/6/2023 0:28	777	0
8495802	8/5/2023 11:33	8/6/2023 0:28	775	0
1557676	8/5/2023 11:36	8/6/2023 10:00	1343	0
583848	8/5/2023 11:44	8/6/2023 0:28	764	0
1518241	8/5/2023 11:45	8/6/2023 1:06	801	0.12
1076617	8/5/2023 12:05	8/6/2023 0:28	743	0
854579	8/5/2023 12:34	8/5/2023 22:11	577	0
643072	8/5/2023 12:52	8/6/2023 0:28	696	0
985241	8/5/2023 13:01	8/6/2023 0:28	687	0
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1435127	8/5/2023 13:21	8/6/2023 10:00	1238	0
323657	8/5/2023 13:21	8/6/2023 10:00	1238	0
1985687	8/5/2023 13:40	8/6/2023 0:28	648	0
1671261	8/5/2023 13:56	8/6/2023 10:00	1203	0
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1557100	8/5/2023 14:05	8/6/2023 0:28	623	0
1556919	8/5/2023 14:20	8/6/2023 0:28	608	0

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572883	8/5/2023 14:37	8/6/2023 0:28	591	0
1093833	8/5/2023 14:39	8/5/2023 22:05	446	0
817825	8/5/2023 14:46	8/6/2023 0:28	582	0
810130	8/5/2023 14:58	8/6/2023 0:28	570	0
274064	8/5/2023 15:04	8/5/2023 22:16	432	0
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8734029	8/5/2023 15:11	8/6/2023 10:00	1128	0
1251782	8/5/2023 15:17	8/6/2023 0:28	551	0
791510	8/5/2023 15:24	8/5/2023 22:14	410	0
5212517	8/5/2023 15:27	8/5/2023 22:17	410	0
1432509	8/5/2023 15:28	8/6/2023 0:28	540	0
324290	8/5/2023 15:39	8/6/2023 0:28	529	0
1247921	8/5/2023 15:41	8/6/2023 0:28	527	0
1272457	8/5/2023 15:44	8/6/2023 0:28	524	0
304345	8/5/2023 15:45	8/6/2023 0:28	523	0
6761269	8/5/2023 16:00	8/6/2023 0:28	508	0
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306565	8/5/2023 16:15	8/6/2023 0:28	493	0
456084	8/5/2023 16:19	8/6/2023 0:28	489	0
1393633	8/5/2023 16:42	8/5/2023 22:17	335	0
307661	8/5/2023 16:43	8/6/2023 0:38	475	0
1527384	8/5/2023 16:44	8/6/2023 0:28	464	0
252824	8/5/2023 17:10	8/6/2023 0:28	438	0
446275	8/5/2023 17:36	8/6/2023 0:28	412	0
300294	8/5/2023 17:44	8/5/2023 17:49	5	0
300294	8/5/2023 17:49	8/5/2023 22:18	269	0
1390184	8/5/2023 20:06	8/6/2023 10:00	833	0
1309098	8/5/2023 20:10	8/6/2023 9:55	825	0
957615	8/5/2023 20:15	8/6/2023 10:00	824	0
265473	8/5/2023 20:19	8/6/2023 10:00	820	0
1190820	8/5/2023 20:27	8/6/2023 10:00	812	0
1320619	8/5/2023 20:53	8/6/2023 10:00	786	0
496500	8/5/2023 21:07	8/6/2023 10:00	772	0
1557188	8/5/2023 21:22	8/6/2023 10:00	757	0
1093833	8/5/2023 22:05	8/6/2023 10:00	714	0
572882	8/5/2023 22:09	8/6/2023 10:00	710	0
854579	8/5/2023 22:11	8/6/2023 8:52	641	0
791510	8/5/2023 22:14	8/6/2023 10:00	705	0
274064	8/5/2023 22:16	8/6/2023 10:00	703	0
1393633	8/5/2023 22:17	8/6/2023 10:00	702	0
5212517	8/5/2023 22:17	8/6/2023 10:00	702	0
300294	8/5/2023 22:18	8/6/2023 10:00	701	0
266906	8/6/2023 0:28	8/6/2023 10:00	571	0
1557303	8/6/2023 0:28	8/6/2023 10:00	571	0
1076617	8/6/2023 0:28	8/6/2023 10:00	571	0
2032900	8/6/2023 0:28	8/6/2023 10:00	571	0

281237	8/6/2023 0:28	8/6/2023 10:00	571	0
8068454	8/6/2023 0:28	8/6/2023 10:00	571	0
8668965	8/6/2023 0:28	8/6/2023 10:00	571	0
583848	8/6/2023 0:28	8/6/2023 10:00	571	0
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304345	8/6/2023 0:28	8/6/2023 10:00	571	0
321310	8/6/2023 0:28	8/6/2023 10:00	571	0
572883	8/6/2023 0:28	8/6/2023 10:00	571	0
1527384	8/6/2023 0:28	8/6/2023 10:00	571	0
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299676	8/6/2023 0:28	8/6/2023 10:00	571	0
1511251	8/6/2023 0:28	8/6/2023 10:00	571	0
954637	8/6/2023 0:28	8/6/2023 10:00	571	0
8495802	8/6/2023 0:28	8/6/2023 10:00	571	0
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1700586	8/6/2023 0:28	8/6/2023 10:00	571	0
500173	8/6/2023 0:28	8/6/2023 10:00	571	0
1432509	8/6/2023 0:28	8/6/2023 10:00	571	0
810130	8/6/2023 0:28	8/6/2023 10:00	571	0
252824	8/6/2023 0:28	8/6/2023 8:39	491	0
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8621797	8/6/2023 0:28	8/6/2023 10:00	571	0
160073	8/6/2023 0:28	8/6/2023 10:00	571	0
817825	8/6/2023 0:28	8/6/2023 10:00	571	0
1704232	8/6/2023 0:28	8/6/2023 9:31	543	0
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985241	8/6/2023 0:28	8/6/2023 10:00	571	0
656628	8/6/2023 0:28	8/6/2023 10:00	571	0
6761269	8/6/2023 0:28	8/6/2023 10:00	571	0
1985687	8/6/2023 0:28	8/6/2023 10:00	571	0
325050	8/6/2023 0:28	8/6/2023 9:38	550	0
1650561	8/6/2023 0:28	8/6/2023 10:00	571	0
1251782	8/6/2023 0:28	8/6/2023 10:00	571	0
323747	8/6/2023 0:28	8/6/2023 10:00	571	0
801004	8/6/2023 0:28	8/6/2023 10:00	571	0
324290	8/6/2023 0:28	8/6/2023 8:37	489	0
8950281	8/6/2023 0:28	8/6/2023 10:00	571	0
1301093	8/6/2023 0:28	8/6/2023 10:00	571	0
643072	8/6/2023 0:28	8/6/2023 10:00	571	0
1556602	8/6/2023 0:28	8/6/2023 10:00	571	0
324045	8/6/2023 0:28	8/6/2023 10:00	571	0
1602630	8/6/2023 0:28	8/6/2023 10:00	571	0
1272457	8/6/2023 0:28	8/6/2023 10:00	571	0

808829	8/6/2023 0:28	8/6/2023 10:00	571	0
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6961293	8/6/2023 0:28	8/6/2023 10:00	571	0
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456084	8/6/2023 0:28	8/6/2023 10:00	571	0
1220897	8/6/2023 0:28	8/6/2023 10:00	571	0
658177	8/6/2023 0:28	8/6/2023 10:00	571	0
7533405	8/6/2023 0:28	8/6/2023 10:00	571	0
446275	8/6/2023 0:28	8/6/2023 9:04	516	0
307661	8/6/2023 0:38	8/6/2023 10:00	561	0
1518241	8/6/2023 1:06	8/6/2023 10:00	533	0
410569	8/6/2023 8:14	8/6/2023 10:00	105	0
51483	8/6/2023 8:18	8/6/2023 10:00	101	0
745607	8/6/2023 8:19	8/6/2023 10:00	100	0
1434359	8/6/2023 8:21	8/6/2023 10:00	98	0
181420	8/6/2023 8:26	8/6/2023 10:00	93	0
324290	8/6/2023 8:37	8/6/2023 10:00	82	0
1356945	8/6/2023 8:38	8/6/2023 10:00	81	0
252824	8/6/2023 8:39	8/6/2023 10:00	80	0
1320008	8/6/2023 8:41	8/6/2023 10:00	78	0
854579	8/6/2023 8:52	8/6/2023 10:00	67	0
446275	8/6/2023 9:04	8/6/2023 10:00	55	0
1704326	8/6/2023 9:09	8/6/2023 10:00	50	0
1493132	8/6/2023 9:13	8/6/2023 10:00	46	0
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1321605	8/6/2023 9:24	8/6/2023 10:00	35	0
1704232	8/6/2023 9:31	8/6/2023 10:00	28	0
1430553	8/6/2023 9:32	8/6/2023 10:00	27	0
325050	8/6/2023 9:38	8/6/2023 10:00	21	0
301691	8/6/2023 9:39	8/6/2023 10:00	20	0
1503507	8/6/2023 9:41	8/6/2023 10:00	18	0
1573666	8/6/2023 9:46	8/6/2023 10:00	13	0
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1362855	8/6/2023 9:52	8/6/2023 10:00	7	0
1309098	8/6/2023 9:55	8/6/2023 10:00	4	0
264186	8/6/2023 10:00	8/7/2023 10:00	1439	0
637185	8/6/2023 10:00	8/7/2023 10:00	1439	0
705447	8/6/2023 10:00	8/7/2023 10:00	1439	0
1557303	8/6/2023 10:00	8/6/2023 20:04	604	0
46184	8/6/2023 10:00	8/7/2023 10:00	1439	0
1308096	8/6/2023 10:00	8/7/2023 10:00	1439	0
564357	8/6/2023 10:00	8/7/2023 10:00	1439	0
988262	8/6/2023 10:00	8/7/2023 10:00	1439	0
872542	8/6/2023 10:00	8/7/2023 10:00	1439	0
980398	8/6/2023 10:00	8/7/2023 10:00	1439	0
1077082	8/6/2023 10:00	8/7/2023 10:00	1439	0
1390184	8/6/2023 10:06	8/6/2023 20:05	599	0.16

1417138	8/6/2023 10:06	8/6/2023 20:03	597	0
5212517	8/6/2023 10:07	8/7/2023 10:00	1432	0
772378	8/6/2023 10:08	8/6/2023 20:07	599	0
6961293	8/6/2023 10:08	8/6/2023 20:07	599	0.05
7533405	8/6/2023 10:12	8/6/2023 20:16	604	1.2
1503507	8/6/2023 10:13	8/6/2023 20:16	603	0
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1604432	8/6/2023 10:19	8/6/2023 20:17	598	0
265473	8/6/2023 10:19	8/6/2023 20:18	599	0
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1320619	8/6/2023 10:22	8/7/2023 10:00	1417	0
1586005	8/6/2023 10:23	8/6/2023 20:22	599	0
321310	8/6/2023 10:24	8/6/2023 20:22	598	0
1362130	8/6/2023 10:27	8/6/2023 20:25	598	0
1700586	8/6/2023 10:28	8/6/2023 20:31	603	0.29
954637	8/6/2023 10:28	8/7/2023 0:28	840	0.02
583848	8/6/2023 10:29	8/6/2023 20:28	599	0
500173	8/6/2023 10:35	8/7/2023 0:28	833	9.7
2032900	8/6/2023 10:37	8/6/2023 20:41	604	0
8668965	8/6/2023 10:37	8/6/2023 20:40	603	0.06
801004	8/6/2023 10:38	8/6/2023 20:37	599	0
6714863	8/6/2023 10:39	8/7/2023 0:28	829	0
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8621797	8/6/2023 10:42	8/6/2023 20:46	604	0
724232	8/6/2023 10:46	8/6/2023 20:49	603	0.02
790670	8/6/2023 10:53	8/7/2023 10:00	1386	0
381982	8/6/2023 10:56	8/6/2023 20:59	603	0
535771	8/6/2023 10:56	8/7/2023 10:00	1383	0
1190820	8/6/2023 10:57	8/6/2023 20:57	600	0.53
1278161	8/6/2023 11:00	8/7/2023 0:28	808	0
8495802	8/6/2023 11:00	8/6/2023 20:58	598	0
1650561	8/6/2023 11:01	8/7/2023 0:28	807	0
1557100	8/6/2023 11:02	8/6/2023 21:06	604	0.1
281237	8/6/2023 11:04	8/7/2023 0:41	817	1.77
496500	8/6/2023 11:07	8/7/2023 0:28	801	0
658177	8/6/2023 11:08	8/6/2023 21:12	604	0.38
564518	8/6/2023 11:08	8/6/2023 21:07	599	0
1387226	8/6/2023 11:09	8/6/2023 21:13	604	0
299676	8/6/2023 11:10	8/7/2023 0:28	798	0
1602508	8/6/2023 11:14	8/6/2023 21:13	599	0.09
456048	8/6/2023 11:16	8/7/2023 0:28	792	0
7937779	8/6/2023 11:16	8/6/2023 21:14	598	0
572883	8/6/2023 11:18	8/6/2023 21:21	603	0.7
281456	8/6/2023 11:22	8/6/2023 21:25	603	0
656628	8/6/2023 11:23	8/6/2023 21:23	600	0.61
1093833	8/6/2023 11:23	8/7/2023 0:28	785	0.43

793690	8/6/2023 11:25	8/7/2023 0:28	783	0.1
160073	8/6/2023 11:26	8/7/2023 0:28	782	0
6995795	8/6/2023 11:26	8/7/2023 0:28	782	0.64
456099	8/6/2023 11:34	8/7/2023 0:28	774	0.08
378229	8/6/2023 11:39	8/7/2023 0:28	769	0.3
1557676	8/6/2023 12:02	8/6/2023 12:06	4	0
456084	8/6/2023 12:05	8/7/2023 0:28	743	0.24
1557676	8/6/2023 12:06	8/6/2023 21:56	590	0.31
323747	8/6/2023 12:07	8/7/2023 0:28	741	0
237758	8/6/2023 12:09	8/7/2023 0:28	739	0.01
1393633	8/6/2023 12:12	8/6/2023 21:55	583	0
239705	8/6/2023 12:24	8/7/2023 10:00	1295	0
1671261	8/6/2023 12:29	8/7/2023 10:00	1290	0
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8511623	8/6/2023 13:27	8/7/2023 0:28	661	0
1518241	8/6/2023 13:45	8/6/2023 22:05	500	0.09
1985687	8/6/2023 13:57	8/7/2023 0:28	631	0
304265	8/6/2023 14:00	8/6/2023 21:59	479	0
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643072	8/6/2023 14:08	8/6/2023 22:10	482	0
8734029	8/6/2023 14:12	8/7/2023 0:28	616	0
1624452	8/6/2023 14:14	8/6/2023 14:30	16	0
1602630	8/6/2023 14:18	8/7/2023 0:28	610	0.22
1556919	8/6/2023 14:19	8/7/2023 0:28	609	0
990897	8/6/2023 14:21	8/6/2023 22:02	461	0
274064	8/6/2023 14:21	8/6/2023 22:06	465	0
277301	8/6/2023 14:22	8/7/2023 10:00	1177	0
501613	8/6/2023 14:23	8/7/2023 0:28	605	0
6761269	8/6/2023 14:25	8/7/2023 0:42	617	0
1432509	8/6/2023 14:29	8/7/2023 0:28	599	0
1624452	8/6/2023 14:30	8/7/2023 0:28	598	0
817825	8/6/2023 14:33	8/6/2023 22:15	462	0
266906	8/6/2023 14:34	8/7/2023 0:28	594	0
1220897	8/6/2023 14:37	8/7/2023 0:28	591	0
1443586	8/6/2023 14:37	8/7/2023 0:28	591	0
306565	8/6/2023 14:42	8/7/2023 0:28	586	0
346288	8/6/2023 14:43	8/7/2023 1:52	669	0
1251782	8/6/2023 14:47	8/7/2023 0:28	581	0
1502969	8/6/2023 14:47	8/6/2023 22:03	436	0.02
265447	8/6/2023 14:51	8/7/2023 0:28	577	0
324045	8/6/2023 14:55	8/7/2023 0:28	573	0
345647	8/6/2023 14:59	8/7/2023 1:51	652	0
307661	8/6/2023 14:59	8/7/2023 0:28	569	0.14
1556602	8/6/2023 15:05	8/7/2023 0:49	584	0
1247921	8/6/2023 15:09	8/7/2023 0:28	559	0
1518502	8/6/2023 15:15	8/7/2023 0:28	553	0
489481	8/6/2023 15:20	8/7/2023 0:28	548	0

6733217	8/6/2023 15:28	8/7/2023 0:28	540	0
989442	8/6/2023 15:37	8/6/2023 22:14	397	0
1444966	8/6/2023 15:38	8/7/2023 10:00	1101	0
304345	8/6/2023 15:43	8/7/2023 0:32	529	0
663228	8/6/2023 15:58	8/6/2023 22:16	378	0
457729	8/6/2023 16:02	8/7/2023 0:28	506	0
581074	8/6/2023 16:04	8/6/2023 22:06	362	0
323657	8/6/2023 16:10	8/7/2023 0:28	498	0.08
1406535	8/6/2023 16:44	8/7/2023 0:28	464	0
1512146	8/6/2023 16:52	8/7/2023 10:00	1027	0
588892	8/6/2023 17:04	8/6/2023 22:04	300	0.02
626600	8/6/2023 17:06	8/6/2023 22:06	300	0
300294	8/6/2023 17:33	8/6/2023 22:06	273	0
1417138	8/6/2023 20:03	8/7/2023 10:00	836	0
1557303	8/6/2023 20:04	8/7/2023 10:00	835	0
1390184	8/6/2023 20:05	8/7/2023 10:00	834	0
772378	8/6/2023 20:07	8/7/2023 10:00	832	0
6961293	8/6/2023 20:07	8/7/2023 10:00	832	0
7533405	8/6/2023 20:16	8/7/2023 10:00	823	0
1503507	8/6/2023 20:16	8/7/2023 10:00	823	0
1604432	8/6/2023 20:17	8/7/2023 10:00	822	0
265473	8/6/2023 20:18	8/7/2023 10:00	821	0
1586005	8/6/2023 20:22	8/7/2023 10:00	817	0
321310	8/6/2023 20:22	8/7/2023 10:00	817	0
1362130	8/6/2023 20:25	8/7/2023 10:00	814	0
583848	8/6/2023 20:28	8/7/2023 10:00	811	0
1700586	8/6/2023 20:31	8/7/2023 10:00	808	0
801004	8/6/2023 20:37	8/7/2023 10:00	802	0
1193174	8/6/2023 20:40	8/7/2023 10:00	799	0
8668965	8/6/2023 20:40	8/7/2023 10:00	799	0
2032900	8/6/2023 20:41	8/7/2023 10:00	798	0
8621797	8/6/2023 20:46	8/7/2023 10:00	793	0
724232	8/6/2023 20:49	8/7/2023 10:00	790	0
1190820	8/6/2023 20:57	8/7/2023 10:00	782	0
8495802	8/6/2023 20:58	8/7/2023 10:00	781	0
381982	8/6/2023 20:59	8/7/2023 10:00	780	0
1557100	8/6/2023 21:06	8/7/2023 10:00	773	0
564518	8/6/2023 21:07	8/7/2023 10:00	772	0
658177	8/6/2023 21:12	8/7/2023 10:00	767	0
1602508	8/6/2023 21:13	8/7/2023 10:00	766	0
1387226	8/6/2023 21:13	8/7/2023 10:00	766	0
7937779	8/6/2023 21:14	8/7/2023 10:00	765	0
572883	8/6/2023 21:21	8/7/2023 10:00	758	0
656628	8/6/2023 21:23	8/7/2023 10:00	756	0
281456	8/6/2023 21:25	8/7/2023 10:00	754	0
1393633	8/6/2023 21:55	8/7/2023 10:00	724	0
1557676	8/6/2023 21:56	8/7/2023 10:00	723	0

304265	8/6/2023 21:59	8/7/2023 10:00	720	0
990897	8/6/2023 22:02	8/7/2023 10:00	717	0
1502969	8/6/2023 22:03	8/7/2023 10:00	716	0
588892	8/6/2023 22:04	8/7/2023 10:00	715	0
1518241	8/6/2023 22:05	8/7/2023 9:27	682	0
274064	8/6/2023 22:06	8/7/2023 10:00	713	0
581074	8/6/2023 22:06	8/7/2023 10:00	713	0
626600	8/6/2023 22:06	8/7/2023 8:20	614	0
300294	8/6/2023 22:06	8/7/2023 10:00	713	0
643072	8/6/2023 22:10	8/7/2023 10:00	709	0
989442	8/6/2023 22:14	8/7/2023 10:00	705	0
817825	8/6/2023 22:15	8/7/2023 10:00	704	0
663228	8/6/2023 22:16	8/7/2023 10:00	703	0
6733217	8/7/2023 0:28	8/7/2023 10:00	571	0
307661	8/7/2023 0:28	8/7/2023 10:00	571	0
501613	8/7/2023 0:28	8/7/2023 10:00	571	0
323747	8/7/2023 0:28	8/7/2023 10:00	571	0
1251782	8/7/2023 0:28	8/7/2023 10:00	571	0
1464949	8/7/2023 0:28	8/7/2023 10:00	571	0
793690	8/7/2023 0:28	8/7/2023 10:00	571	0
1557188	8/7/2023 0:28	8/7/2023 10:00	571	0
6995795	8/7/2023 0:28	8/7/2023 10:00	571	0
489481	8/7/2023 0:28	8/7/2023 10:00	571	0
8734029	8/7/2023 0:28	8/7/2023 10:00	571	0
1556919	8/7/2023 0:28	8/7/2023 10:00	571	0
1443586	8/7/2023 0:28	8/7/2023 10:00	571	0
1278161	8/7/2023 0:28	8/7/2023 10:00	571	0
457729	8/7/2023 0:28	8/7/2023 10:00	571	0
265447	8/7/2023 0:28	8/7/2023 10:00	571	0
1602630	8/7/2023 0:28	8/7/2023 10:00	571	0
99902	8/7/2023 0:28	8/7/2023 10:00	571	0
160073	8/7/2023 0:28	8/7/2023 10:00	571	0
48217	8/7/2023 0:28	8/7/2023 10:00	571	0
324045	8/7/2023 0:28	8/7/2023 10:00	571	0
306565	8/7/2023 0:28	8/7/2023 8:43	495	0
456099	8/7/2023 0:28	8/7/2023 10:00	571	0
299676	8/7/2023 0:28	8/7/2023 10:00	571	0
456048	8/7/2023 0:28	8/7/2023 8:05	457	0
1432509	8/7/2023 0:28	8/7/2023 10:00	571	0
1220897	8/7/2023 0:28	8/7/2023 10:00	571	0
997397	8/7/2023 0:28	8/7/2023 10:00	571	0
1518502	8/7/2023 0:28	8/7/2023 10:00	571	0
266906	8/7/2023 0:28	8/7/2023 10:00	571	0
1247921	8/7/2023 0:28	8/7/2023 10:00	571	0
500173	8/7/2023 0:28	8/7/2023 10:00	571	0
6714863	8/7/2023 0:28	8/7/2023 10:00	571	0
1093833	8/7/2023 0:28	8/7/2023 10:00	571	0

1650561	8/7/2023 0:28	8/7/2023 10:00	571	0
1624452	8/7/2023 0:28	8/7/2023 9:30	542	0
237758	8/7/2023 0:28	8/7/2023 10:00	571	0
1985687	8/7/2023 0:28	8/7/2023 10:00	571	0
378229	8/7/2023 0:28	8/7/2023 10:00	571	0
954637	8/7/2023 0:28	8/7/2023 10:00	571	0
8511623	8/7/2023 0:28	8/7/2023 8:42	494	0
496500	8/7/2023 0:28	8/7/2023 10:00	571	0
323657	8/7/2023 0:28	8/7/2023 10:00	571	0
1406535	8/7/2023 0:28	8/7/2023 7:57	449	0
456084	8/7/2023 0:28	8/7/2023 8:15	467	0
304345	8/7/2023 0:32	8/7/2023 10:00	567	0
281237	8/7/2023 0:41	8/7/2023 10:00	558	0
6761269	8/7/2023 0:42	8/7/2023 10:00	557	0
1556602	8/7/2023 0:49	8/7/2023 10:00	550	0
345647	8/7/2023 1:51	8/7/2023 10:00	488	0
346288	8/7/2023 1:52	8/7/2023 10:00	487	0
1356945	8/7/2023 7:55	8/7/2023 10:00	124	0
1406535	8/7/2023 7:57	8/7/2023 10:00	122	0
456048	8/7/2023 8:05	8/7/2023 10:00	114	0
252824	8/7/2023 8:09	8/7/2023 10:00	110	0
1362855	8/7/2023 8:10	8/7/2023 10:00	109	0
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51483	8/7/2023 8:16	8/7/2023 10:00	103	0
181420	8/7/2023 8:16	8/7/2023 10:00	103	0
626600	8/7/2023 8:20	8/7/2023 10:00	99	0
1704326	8/7/2023 8:25	8/7/2023 10:00	94	0
392223	8/7/2023 8:30	8/7/2023 10:00	89	0
8511623	8/7/2023 8:42	8/7/2023 10:00	77	0
306565	8/7/2023 8:43	8/7/2023 10:00	76	0
8950281	8/7/2023 8:49	8/7/2023 10:00	70	0
593397	8/7/2023 9:02	8/7/2023 10:00	57	0
558031	8/7/2023 9:08	8/7/2023 10:00	51	0
1368745	8/7/2023 9:19	8/7/2023 10:00	40	0
1518241	8/7/2023 9:27	8/7/2023 10:00	32	0
1624452	8/7/2023 9:30	8/7/2023 10:00	29	0
1527384	8/7/2023 9:31	8/7/2023 10:00	28	0
325050	8/7/2023 9:38	8/7/2023 10:00	21	0
1430553	8/7/2023 9:46	8/7/2023 10:00	13	0
561757	8/7/2023 9:51	8/7/2023 10:00	8	0
1309098	8/7/2023 9:52	8/7/2023 10:00	7	0
1552154	8/7/2023 9:54	8/7/2023 10:00	5	0
564357	8/7/2023 10:00	8/8/2023 10:00	1439	0
772378	8/7/2023 10:00	8/7/2023 20:16	616	0
872542	8/7/2023 10:00	8/7/2023 18:00	480	0
988262	8/7/2023 10:00	8/8/2023 10:00	1439	0

705447	8/7/2023 10:00	8/8/2023 10:00	1439	0
5212517	8/7/2023 10:00	8/7/2023 11:34	94	0
1077082	8/7/2023 10:00	8/8/2023 10:00	1439	0
535771	8/7/2023 10:00	8/8/2023 10:00	1439	0.33
1308096	8/7/2023 10:00	8/8/2023 10:00	1439	0
637185	8/7/2023 10:00	8/8/2023 10:00	1439	0
46184	8/7/2023 10:00	8/8/2023 10:00	1439	0
264186	8/7/2023 10:00	8/8/2023 10:00	1439	0
6761269	8/7/2023 10:00	8/8/2023 10:00	1439	0
1390184	8/7/2023 10:00	8/7/2023 20:03	603	0.16
6733217	8/7/2023 10:01	8/8/2023 0:28	867	0
6714863	8/7/2023 10:09	8/7/2023 19:44	575	0
317233	8/7/2023 10:09	8/7/2023 20:10	601	0.19
583848	8/7/2023 10:12	8/7/2023 20:15	603	0
957615	8/7/2023 10:14	8/7/2023 19:26	552	0
8621797	8/7/2023 10:14	8/7/2023 20:16	602	0
980398	8/7/2023 10:15	8/7/2023 20:19	604	0
8495802	8/7/2023 10:16	8/7/2023 20:18	602	0
265473	8/7/2023 10:17	8/8/2023 0:28	851	0
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315345	8/7/2023 10:22	8/8/2023 0:28	846	0.41
1511251	8/7/2023 10:22	8/7/2023 20:26	604	0
1586005	8/7/2023 10:22	8/7/2023 20:23	601	0
299676	8/7/2023 10:23	8/7/2023 20:27	604	0
1700586	8/7/2023 10:23	8/7/2023 20:24	601	0.04
790670	8/7/2023 10:25	8/7/2023 19:43	558	0
954637	8/7/2023 10:27	8/7/2023 19:26	539	0
1503507	8/7/2023 10:28	8/7/2023 20:29	601	0
307661	8/7/2023 10:29	8/7/2023 20:26	597	0.36
496500	8/7/2023 10:32	8/8/2023 0:28	836	0
328408	8/7/2023 10:34	8/7/2023 20:39	605	0.23
801004	8/7/2023 10:36	8/7/2023 20:03	567	0
990897	8/7/2023 10:37	8/7/2023 20:36	599	0
8068454	8/7/2023 10:37	8/7/2023 20:34	597	0
346288	8/7/2023 10:42	8/7/2023 20:40	598	0.2
121748	8/7/2023 10:51	8/7/2023 20:52	601	0
324045	8/7/2023 10:52	8/7/2023 16:02	310	0.03
266906	8/7/2023 10:52	8/7/2023 21:19	627	0.28
793690	8/7/2023 10:56	8/7/2023 20:53	597	0
345647	8/7/2023 10:56	8/7/2023 20:59	603	0
301691	8/7/2023 10:57	8/8/2023 0:28	811	0
304265	8/7/2023 11:01	8/8/2023 0:28	807	0
6503956	8/7/2023 11:06	8/7/2023 21:10	604	0.05
564518	8/7/2023 11:07	8/7/2023 17:51	404	0
656628	8/7/2023 11:08	8/7/2023 21:09	601	0
1376158	8/7/2023 11:08	8/7/2023 21:09	601	0.03
1190820	8/7/2023 11:11	8/7/2023 11:43	32	0

7533405	8/7/2023 11:18	8/8/2023 0:28	790	0.1
1557303	8/7/2023 11:19	8/7/2023 21:20	601	0
323747	8/7/2023 11:25	8/7/2023 21:21	596	0
572882	8/7/2023 11:33	8/8/2023 0:28	775	0.17
5212517	8/7/2023 11:34	8/8/2023 0:28	774	0.06
587455	8/7/2023 11:35	8/8/2023 0:28	773	0
658177	8/7/2023 11:37	8/7/2023 21:07	570	0.06
1511264	8/7/2023 11:43	8/8/2023 0:28	765	0.82
1190820	8/7/2023 11:43	8/7/2023 20:49	546	0.76
1527935	8/7/2023 11:44	8/7/2023 16:54	310	0.01
989442	8/7/2023 11:52	8/7/2023 21:41	589	0
381982	8/7/2023 11:54	8/8/2023 0:28	754	0
8104722	8/7/2023 11:54	8/8/2023 0:28	754	0
304345	8/7/2023 11:58	8/8/2023 0:28	750	0
1362130	8/7/2023 12:09	8/7/2023 22:08	599	0
1493132	8/7/2023 12:10	8/7/2023 22:09	599	0
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323657	8/7/2023 12:21	8/8/2023 0:28	727	0.05
1557188	8/7/2023 12:21	8/8/2023 0:28	727	0
1393633	8/7/2023 12:41	8/8/2023 10:00	1278	0
1525793	8/7/2023 12:43	8/8/2023 10:00	1276	0
1431804	8/7/2023 13:05	8/8/2023 10:00	1254	0
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808829	8/7/2023 13:09	8/7/2023 13:57	48	0
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810130	8/7/2023 13:14	8/7/2023 20:51	457	0
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854579	8/7/2023 13:50	8/7/2023 19:40	350	0
345941	8/7/2023 13:55	8/7/2023 16:50	175	0
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1704232	8/7/2023 14:16	8/7/2023 22:14	478	0.12
572916	8/7/2023 14:17	8/8/2023 0:28	611	0
1251782	8/7/2023 14:17	8/8/2023 0:28	611	0
1681747	8/7/2023 14:21	8/8/2023 0:28	607	0
6961293	8/7/2023 14:24	8/8/2023 0:28	604	0
2032900	8/7/2023 14:26	8/7/2023 20:54	388	0
6623421	8/7/2023 14:26	8/7/2023 18:01	215	0.04
1527886	8/7/2023 14:30	8/7/2023 17:00	150	0
1514004	8/7/2023 14:31	8/7/2023 22:19	468	0.15
563721	8/7/2023 14:31	8/7/2023 18:03	212	0
572883	8/7/2023 14:33	8/7/2023 17:58	205	0
8668965	8/7/2023 14:36	8/8/2023 0:28	592	0.01
321310	8/7/2023 14:37	8/8/2023 0:28	591	0

315346	8/7/2023 14:39	8/8/2023 0:28	589	0
1093833	8/7/2023 14:39	8/7/2023 17:48	189	0
6094779	8/7/2023 14:41	8/8/2023 0:28	587	0.08
1518502	8/7/2023 14:43	8/7/2023 17:55	192	0.11
47169	8/7/2023 14:46	8/8/2023 0:28	582	0
1076617	8/7/2023 14:47	8/7/2023 22:19	452	0
9993140	8/7/2023 14:52	8/7/2023 22:24	452	0
274064	8/7/2023 14:58	8/8/2023 0:28	570	0
1576533	8/7/2023 15:01	8/8/2023 0:28	567	0.18
265447	8/7/2023 15:02	8/8/2023 0:28	566	0
49209	8/7/2023 15:04	8/8/2023 0:28	564	0
1604432	8/7/2023 15:05	8/8/2023 0:28	563	0
281237	8/7/2023 15:08	8/8/2023 0:37	569	0
751178	8/7/2023 15:13	8/7/2023 16:06	53	0
1573666	8/7/2023 15:13	8/8/2023 10:00	1126	0
160073	8/7/2023 15:15	8/8/2023 0:28	553	0
997397	8/7/2023 15:30	8/8/2023 10:00	1109	0
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7937779	8/7/2023 15:53	8/8/2023 0:28	515	0
315484	8/7/2023 15:54	8/8/2023 0:28	514	0
324045	8/7/2023 16:02	8/8/2023 10:00	1077	0
751178	8/7/2023 16:06	8/8/2023 0:28	502	0
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1551513	8/7/2023 16:23	8/8/2023 0:28	485	0
8972545	8/7/2023 16:37	8/7/2023 22:13	336	0
1443586	8/7/2023 16:50	8/7/2023 22:15	325	0
345941	8/7/2023 16:50	8/8/2023 10:00	1029	0
395612	8/7/2023 16:51	8/8/2023 10:00	1028	0
1527935	8/7/2023 16:54	8/8/2023 10:00	1025	0
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446275	8/7/2023 17:16	8/8/2023 0:28	432	0
1444966	8/7/2023 17:20	8/7/2023 22:06	286	0
300294	8/7/2023 17:35	8/8/2023 0:28	413	0
1093833	8/7/2023 17:48	8/8/2023 10:00	971	0
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572883	8/7/2023 17:58	8/8/2023 10:00	961	0
872542	8/7/2023 18:00	8/8/2023 10:00	959	0
6623421	8/7/2023 18:01	8/8/2023 10:00	958	0
563721	8/7/2023 18:03	8/8/2023 10:00	956	0
643072	8/7/2023 18:10	8/8/2023 10:00	949	0
1321605	8/7/2023 19:26	8/8/2023 10:00	873	0
954637	8/7/2023 19:26	8/8/2023 10:00	873	0
957615	8/7/2023 19:26	8/8/2023 10:00	873	0

330528	8/7/2023 19:31	8/8/2023 10:00	868	0
854579	8/7/2023 19:40	8/8/2023 8:17	757	0
790670	8/7/2023 19:43	8/8/2023 10:00	856	0
6714863	8/7/2023 19:44	8/8/2023 10:00	855	0
1390184	8/7/2023 20:03	8/8/2023 10:00	836	0
801004	8/7/2023 20:03	8/8/2023 10:00	836	0
317233	8/7/2023 20:10	8/8/2023 9:41	811	0
583848	8/7/2023 20:15	8/8/2023 10:00	824	0
772378	8/7/2023 20:16	8/8/2023 10:00	823	0
8621797	8/7/2023 20:16	8/8/2023 10:00	823	0
8495802	8/7/2023 20:18	8/8/2023 10:00	821	0
980398	8/7/2023 20:19	8/8/2023 10:00	820	0
1464949	8/7/2023 20:20	8/8/2023 10:00	819	0
1586005	8/7/2023 20:23	8/8/2023 10:00	816	0
1700586	8/7/2023 20:24	8/8/2023 10:00	815	0
307661	8/7/2023 20:26	8/8/2023 10:00	813	0
1511251	8/7/2023 20:26	8/8/2023 10:00	813	0
299676	8/7/2023 20:27	8/8/2023 10:00	812	0
1503507	8/7/2023 20:29	8/8/2023 9:46	797	0
8068454	8/7/2023 20:34	8/8/2023 10:00	805	0
990897	8/7/2023 20:36	8/8/2023 10:00	803	0
328408	8/7/2023 20:39	8/8/2023 10:00	800	0
346288	8/7/2023 20:40	8/8/2023 10:00	799	0
1190820	8/7/2023 20:49	8/8/2023 10:00	790	0
810130	8/7/2023 20:51	8/8/2023 10:00	788	0
121748	8/7/2023 20:52	8/8/2023 10:00	787	0
793690	8/7/2023 20:53	8/8/2023 10:00	786	0
2032900	8/7/2023 20:54	8/8/2023 10:00	785	0
345647	8/7/2023 20:59	8/8/2023 10:00	780	0
808829	8/7/2023 21:00	8/8/2023 10:00	779	0
658177	8/7/2023 21:07	8/8/2023 10:00	772	0
1376158	8/7/2023 21:09	8/8/2023 10:00	770	0
656628	8/7/2023 21:09	8/8/2023 10:00	770	0
6503956	8/7/2023 21:10	8/8/2023 10:00	769	0
266906	8/7/2023 21:19	8/8/2023 10:00	760	0
1557303	8/7/2023 21:20	8/8/2023 10:00	759	0
323747	8/7/2023 21:21	8/8/2023 10:00	758	0
989442	8/7/2023 21:41	8/8/2023 10:00	738	0
1444966	8/7/2023 22:06	8/8/2023 10:00	713	0
1362130	8/7/2023 22:08	8/8/2023 10:00	711	0
1493132	8/7/2023 22:09	8/8/2023 9:42	693	0
8972545	8/7/2023 22:13	8/8/2023 10:00	706	0
1704232	8/7/2023 22:14	8/8/2023 10:00	705	0
1443586	8/7/2023 22:15	8/8/2023 10:00	704	0
410569	8/7/2023 22:17	8/8/2023 10:00	702	0
1556246	8/7/2023 22:18	8/8/2023 10:00	701	0
1076617	8/7/2023 22:19	8/8/2023 10:00	700	0

1514004	8/7/2023 22:19	8/8/2023 10:00	700	0
9993140	8/7/2023 22:24	8/8/2023 10:00	695	0
1220897	8/8/2023 0:28	8/8/2023 10:00	571	0
160073	8/8/2023 0:28	8/8/2023 10:00	571	0
572916	8/8/2023 0:28	8/8/2023 10:00	571	0
1551513	8/8/2023 0:28	8/8/2023 10:00	571	0
323657	8/8/2023 0:28	8/8/2023 10:00	571	0
1604432	8/8/2023 0:28	8/8/2023 10:00	571	0
47169	8/8/2023 0:28	8/8/2023 10:00	571	0
49209	8/8/2023 0:28	8/8/2023 10:00	571	0
6733217	8/8/2023 0:28	8/8/2023 10:00	571	0
381982	8/8/2023 0:28	8/8/2023 10:00	571	0
751178	8/8/2023 0:28	8/8/2023 10:00	571	0
5212517	8/8/2023 0:28	8/8/2023 10:00	571	0
587455	8/8/2023 0:28	8/8/2023 10:00	571	0
265473	8/8/2023 0:28	8/8/2023 10:00	571	0
1557188	8/8/2023 0:28	8/8/2023 10:00	571	0
7533405	8/8/2023 0:28	8/8/2023 10:00	571	0
274064	8/8/2023 0:28	8/8/2023 10:00	571	0
1557100	8/8/2023 0:28	8/8/2023 10:00	571	0
321310	8/8/2023 0:28	8/8/2023 10:00	571	0
572882	8/8/2023 0:28	8/8/2023 10:00	571	0
265447	8/8/2023 0:28	8/8/2023 10:00	571	0
496500	8/8/2023 0:28	8/8/2023 10:00	571	0
304345	8/8/2023 0:28	8/8/2023 10:00	571	0
1251782	8/8/2023 0:28	8/8/2023 10:00	571	0
300294	8/8/2023 0:28	8/8/2023 10:00	571	0
315345	8/8/2023 0:28	8/8/2023 9:54	566	0
1681747	8/8/2023 0:28	8/8/2023 10:00	571	0
315346	8/8/2023 0:28	8/8/2023 10:00	571	0
8104722	8/8/2023 0:28	8/8/2023 9:25	537	0
6094779	8/8/2023 0:28	8/8/2023 10:00	571	0
1576533	8/8/2023 0:28	8/8/2023 10:00	571	0
8668965	8/8/2023 0:28	8/8/2023 10:00	571	0
6961293	8/8/2023 0:28	8/8/2023 10:00	571	0
1527731	8/8/2023 0:28	8/8/2023 10:00	571	0
1511264	8/8/2023 0:28	8/8/2023 10:00	571	0
1985687	8/8/2023 0:28	8/8/2023 10:00	571	0
301691	8/8/2023 0:28	8/8/2023 9:53	565	0
446275	8/8/2023 0:28	8/8/2023 10:00	571	0
456099	8/8/2023 0:28	8/8/2023 10:00	571	0
315484	8/8/2023 0:28	8/8/2023 10:00	571	0
304265	8/8/2023 0:28	8/8/2023 10:00	571	0
7937779	8/8/2023 0:28	8/8/2023 10:00	571	0
353728	8/8/2023 0:28	8/8/2023 10:00	571	0
281237	8/8/2023 0:37	8/8/2023 10:00	562	0
252824	8/8/2023 8:09	8/8/2023 10:00	110	0

1704326	8/8/2023 8:10	8/8/2023 10:00	109	0
854579	8/8/2023 8:17	8/8/2023 10:00	102	0
1356945	8/8/2023 8:24	8/8/2023 10:00	95	0
593397	8/8/2023 8:31	8/8/2023 10:00	88	0
51483	8/8/2023 8:34	8/8/2023 10:00	85	0
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593366	8/8/2023 8:57	8/8/2023 10:00	62	0
558031	8/8/2023 9:05	8/8/2023 10:00	54	0.28
8104722	8/8/2023 9:25	8/8/2023 10:00	34	0
1430553	8/8/2023 9:30	8/8/2023 10:00	29	0.1
1624452	8/8/2023 9:31	8/8/2023 10:00	28	0
1362855	8/8/2023 9:36	8/8/2023 10:00	23	0
325050	8/8/2023 9:37	8/8/2023 10:00	22	0
317233	8/8/2023 9:41	8/8/2023 10:00	18	0
1493132	8/8/2023 9:42	8/8/2023 10:00	17	0
1406535	8/8/2023 9:44	8/8/2023 10:00	15	0
1503507	8/8/2023 9:46	8/8/2023 10:00	13	0
1309098	8/8/2023 9:52	8/8/2023 10:00	7	0
301691	8/8/2023 9:53	8/8/2023 10:00	6	0
315345	8/8/2023 9:54	8/8/2023 10:00	5	0
353728	8/8/2023 10:00	8/9/2023 10:00	1439	0
1077082	8/8/2023 10:00	8/9/2023 10:00	1439	0
564357	8/8/2023 10:00	8/9/2023 10:00	1439	0
1527886	8/8/2023 10:00	8/9/2023 10:00	1439	0
637185	8/8/2023 10:00	8/9/2023 10:00	1439	0
46184	8/8/2023 10:00	8/9/2023 10:00	1439	0
264186	8/8/2023 10:00	8/9/2023 10:00	1439	0
1390184	8/8/2023 10:00	8/9/2023 0:28	868	0.16
535771	8/8/2023 10:00	8/8/2023 13:13	193	0
705447	8/8/2023 10:00	8/9/2023 10:00	1439	0
1308096	8/8/2023 10:00	8/9/2023 10:00	1439	0
1368745	8/8/2023 10:02	8/8/2023 20:02	600	0
793638	8/8/2023 10:07	8/8/2023 20:11	604	0.33
315088	8/8/2023 10:09	8/8/2023 20:09	600	0
8734029	8/8/2023 10:10	8/8/2023 20:08	598	0
1518241	8/8/2023 10:12	8/8/2023 20:14	602	0
496500	8/8/2023 10:12	8/8/2023 20:08	596	0.08
1700586	8/8/2023 10:13	8/8/2023 20:15	602	0
381982	8/8/2023 10:13	8/9/2023 0:28	855	0
957615	8/8/2023 10:14	8/9/2023 0:28	854	0
306565	8/8/2023 10:14	8/8/2023 20:12	598	0
1430553	8/8/2023 10:18	8/8/2023 20:19	601	0.23
265473	8/8/2023 10:19	8/9/2023 0:28	849	0
772378	8/8/2023 10:21	8/8/2023 21:31	670	0
317126	8/8/2023 10:25	8/8/2023 20:25	600	5.07
8495802	8/8/2023 10:28	8/8/2023 20:32	604	0

954637	8/8/2023 10:29	8/8/2023 20:30	601	0.11
1553245	8/8/2023 10:31	8/8/2023 20:29	598	0
328570	8/8/2023 10:31	8/8/2023 20:29	598	0
7937779	8/8/2023 10:32	8/9/2023 9:58	1406	0
619266	8/8/2023 10:33	8/9/2023 10:00	1406	0
989956	8/8/2023 10:36	8/9/2023 0:28	832	1.41
324290	8/8/2023 10:36	8/8/2023 20:36	600	0.47
1524033	8/8/2023 10:36	8/8/2023 20:40	604	0.3
800600	8/8/2023 10:37	8/9/2023 0:28	831	0.13
394702	8/8/2023 10:39	8/8/2023 20:42	603	0.01
346288	8/8/2023 10:40	8/8/2023 20:44	604	0
315346	8/8/2023 10:40	8/8/2023 20:41	601	0.47
6995795	8/8/2023 10:41	8/8/2023 20:39	598	0.44
561672	8/8/2023 10:42	8/8/2023 20:40	598	0.47
1299402	8/8/2023 10:42	8/8/2023 20:39	597	0.18
353651	8/8/2023 10:46	8/8/2023 20:46	600	0
6623421	8/8/2023 10:46	8/8/2023 20:50	604	0
1604432	8/8/2023 10:50	8/8/2023 20:50	600	0
266906	8/8/2023 10:50	8/8/2023 21:55	665	0.52
324045	8/8/2023 10:52	8/8/2023 20:51	599	0.08
801004	8/8/2023 10:53	8/8/2023 20:53	600	0
507365	8/8/2023 10:53	8/8/2023 20:54	601	0
500173	8/8/2023 10:53	8/8/2023 20:50	597	1.38
563721	8/8/2023 10:54	8/8/2023 20:53	599	0.36
1193174	8/8/2023 10:54	8/8/2023 20:54	600	0
1432509	8/8/2023 10:55	8/8/2023 20:53	598	0
1320619	8/8/2023 10:56	8/9/2023 0:28	812	0
564518	8/8/2023 10:56	8/8/2023 20:56	600	0
8910809	8/8/2023 10:56	8/8/2023 20:59	603	0.19
1301093	8/8/2023 10:57	8/8/2023 21:01	604	0
345647	8/8/2023 10:59	8/8/2023 20:58	599	0
7533405	8/8/2023 11:00	8/9/2023 10:00	1379	0
658177	8/8/2023 11:02	8/8/2023 21:03	601	0
7415412	8/8/2023 11:02	8/9/2023 10:00	1377	0
8590289	8/8/2023 11:10	8/8/2023 21:09	599	0.27
806370	8/8/2023 11:11	8/8/2023 21:09	598	0
299676	8/8/2023 11:12	8/8/2023 21:13	601	0
380057	8/8/2023 11:15	8/8/2023 21:14	599	0.55
587455	8/8/2023 11:29	8/9/2023 0:28	779	0
316971	8/8/2023 11:34	8/8/2023 21:23	589	0.55
1552154	8/8/2023 11:34	8/8/2023 21:23	589	0.2
330528	8/8/2023 11:35	8/8/2023 21:15	580	0
6714863	8/8/2023 11:39	8/9/2023 0:28	769	0.06
1093833	8/8/2023 11:39	8/9/2023 0:28	769	0.33
378229	8/8/2023 11:40	8/8/2023 21:40	600	0.22
583848	8/8/2023 11:43	8/8/2023 21:47	604	0
1395587	8/8/2023 11:50	8/8/2023 21:48	598	0

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315752	8/8/2023 11:55	8/9/2023 10:00	1324	0
7879030	8/8/2023 11:58	8/9/2023 10:00	1321	0
1557303	8/8/2023 12:01	8/8/2023 22:05	604	0.01
561757	8/8/2023 12:09	8/8/2023 22:07	598	0
1704232	8/8/2023 13:04	8/8/2023 22:10	546	0.01
535771	8/8/2023 13:13	8/9/2023 7:25	1092	0.06
1556246	8/8/2023 13:50	8/9/2023 10:00	1209	0
315604	8/8/2023 13:52	8/8/2023 22:10	498	0
1557188	8/8/2023 14:02	8/9/2023 0:28	626	0
1511251	8/8/2023 14:11	8/8/2023 22:19	488	0
307661	8/8/2023 14:12	8/9/2023 0:28	616	0
990897	8/8/2023 14:19	8/8/2023 14:24	5	0
1681747	8/8/2023 14:22	8/9/2023 0:28	606	0
990897	8/8/2023 14:24	8/8/2023 21:58	454	0
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1514004	8/8/2023 14:30	8/8/2023 22:23	473	0.01
989442	8/8/2023 14:37	8/8/2023 22:11	454	0
6503956	8/8/2023 14:40	8/8/2023 22:06	446	0
656628	8/8/2023 14:41	8/8/2023 22:09	448	0
309961	8/8/2023 14:48	8/9/2023 0:28	580	0
7902724	8/8/2023 14:49	8/8/2023 15:04	15	0
311322	8/8/2023 14:49	8/9/2023 0:28	579	0
121748	8/8/2023 14:51	8/9/2023 0:28	577	0.16
321310	8/8/2023 14:52	8/8/2023 22:10	438	0
8668965	8/8/2023 14:53	8/8/2023 22:08	435	0
7902724	8/8/2023 15:04	8/9/2023 0:28	564	0
328408	8/8/2023 15:07	8/8/2023 22:19	432	0
1511264	8/8/2023 15:10	8/9/2023 0:28	558	0
793690	8/8/2023 15:10	8/9/2023 0:28	558	0.02
281456	8/8/2023 15:17	8/9/2023 10:00	1122	0
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1092960	8/8/2023 15:21	8/8/2023 15:26	5	0
8148103	8/8/2023 15:23	8/9/2023 0:28	545	0.2
1092960	8/8/2023 15:26	8/8/2023 22:11	405	0
1332906	8/8/2023 15:26	8/9/2023 0:28	542	0
8434537	8/8/2023 15:34	8/8/2023 22:13	399	0
313482	8/8/2023 16:05	8/9/2023 0:28	503	0
323747	8/8/2023 16:08	8/9/2023 0:28	500	0
810130	8/8/2023 16:09	8/8/2023 22:06	357	0
1573666	8/8/2023 16:18	8/8/2023 16:28	10	0
1573666	8/8/2023 16:28	8/9/2023 2:16	588	0
1471181	8/8/2023 16:32	8/8/2023 22:13	341	0
1076617	8/8/2023 16:33	8/8/2023 22:20	347	0

1417138	8/8/2023 16:38	8/9/2023 0:28	470	0
8621797	8/8/2023 16:43	8/9/2023 0:28	465	0
446275	8/8/2023 17:03	8/8/2023 22:12	309	0
626600	8/8/2023 17:06	8/8/2023 22:16	310	0
410569	8/8/2023 17:58	8/8/2023 22:13	255	0
1368745	8/8/2023 20:02	8/9/2023 10:00	837	0
8734029	8/8/2023 20:08	8/9/2023 10:00	831	0
496500	8/8/2023 20:08	8/9/2023 10:00	831	0
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1700586	8/8/2023 20:15	8/9/2023 10:00	824	0
1430553	8/8/2023 20:19	8/9/2023 9:47	808	0
317126	8/8/2023 20:25	8/9/2023 10:00	814	0
1553245	8/8/2023 20:29	8/9/2023 10:00	810	0
328570	8/8/2023 20:29	8/9/2023 10:00	810	0
954637	8/8/2023 20:30	8/9/2023 10:00	809	0
8495802	8/8/2023 20:32	8/9/2023 10:00	807	0
324290	8/8/2023 20:36	8/9/2023 10:00	803	0
6995795	8/8/2023 20:39	8/9/2023 10:00	800	0
1299402	8/8/2023 20:39	8/9/2023 10:00	800	0
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394702	8/8/2023 20:42	8/9/2023 10:00	797	0
346288	8/8/2023 20:44	8/9/2023 10:00	795	0
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6623421	8/8/2023 20:50	8/9/2023 10:00	789	0
324045	8/8/2023 20:51	8/9/2023 10:00	788	0
801004	8/8/2023 20:53	8/9/2023 10:00	786	0
1432509	8/8/2023 20:53	8/9/2023 10:00	786	0
563721	8/8/2023 20:53	8/9/2023 10:00	786	0
1193174	8/8/2023 20:54	8/9/2023 10:00	785	0
507365	8/8/2023 20:54	8/9/2023 10:00	785	0
564518	8/8/2023 20:56	8/9/2023 10:00	783	0
345647	8/8/2023 20:58	8/9/2023 10:00	781	0
8910809	8/8/2023 20:59	8/9/2023 10:00	780	0
1301093	8/8/2023 21:01	8/9/2023 10:00	778	0
658177	8/8/2023 21:03	8/9/2023 10:00	776	0
806370	8/8/2023 21:09	8/9/2023 10:00	770	0
8590289	8/8/2023 21:09	8/9/2023 10:00	770	0
299676	8/8/2023 21:13	8/9/2023 10:00	766	0
380057	8/8/2023 21:14	8/9/2023 10:00	765	0
330528	8/8/2023 21:15	8/9/2023 10:00	764	0

316971	8/8/2023 21:23	8/9/2023 10:00	756	0
1552154	8/8/2023 21:23	8/9/2023 10:00	756	0
772378	8/8/2023 21:31	8/9/2023 10:00	748	0
378229	8/8/2023 21:40	8/9/2023 10:00	739	0
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1395587	8/8/2023 21:48	8/9/2023 10:00	731	0
1362130	8/8/2023 21:51	8/9/2023 10:00	728	0
266906	8/8/2023 21:55	8/9/2023 10:00	724	0
990897	8/8/2023 21:58	8/9/2023 10:00	721	0
1557303	8/8/2023 22:05	8/9/2023 10:00	714	0
810130	8/8/2023 22:06	8/9/2023 10:00	713	0
6503956	8/8/2023 22:06	8/9/2023 10:00	713	0
561757	8/8/2023 22:07	8/9/2023 9:04	657	0
8668965	8/8/2023 22:08	8/9/2023 10:00	711	0
656628	8/8/2023 22:09	8/9/2023 10:00	710	0
321310	8/8/2023 22:10	8/9/2023 10:00	709	0
1704232	8/8/2023 22:10	8/9/2023 10:00	709	0
315604	8/8/2023 22:10	8/9/2023 10:00	709	0
1092960	8/8/2023 22:11	8/9/2023 10:00	708	0
989442	8/8/2023 22:11	8/9/2023 10:00	708	0
446275	8/8/2023 22:12	8/9/2023 8:33	621	0
1471181	8/8/2023 22:13	8/9/2023 10:00	706	0
410569	8/8/2023 22:13	8/9/2023 10:00	706	0
8434537	8/8/2023 22:13	8/9/2023 10:00	706	0
626600	8/8/2023 22:16	8/9/2023 10:00	703	0
1511251	8/8/2023 22:19	8/9/2023 10:00	700	0
328408	8/8/2023 22:19	8/9/2023 10:00	700	0
1076617	8/8/2023 22:20	8/9/2023 10:00	699	0
808829	8/8/2023 22:20	8/9/2023 10:00	699	0
1514004	8/8/2023 22:23	8/9/2023 10:00	696	0
121748	8/9/2023 0:28	8/9/2023 10:00	571	0
1511264	8/9/2023 0:28	8/9/2023 10:00	571	0
989956	8/9/2023 0:28	8/9/2023 10:00	571	0
7902724	8/9/2023 0:28	8/9/2023 8:34	486	0
1093833	8/9/2023 0:28	8/9/2023 10:00	571	0
311724	8/9/2023 0:28	8/9/2023 10:00	571	0
316997	8/9/2023 0:28	8/9/2023 10:00	571	0
1417138	8/9/2023 0:28	8/9/2023 10:00	571	0
1390184	8/9/2023 0:28	8/9/2023 10:00	571	0
265473	8/9/2023 0:28	8/9/2023 10:00	571	0
6714863	8/9/2023 0:28	8/9/2023 10:00	571	0
309961	8/9/2023 0:28	8/9/2023 8:16	468	0
307661	8/9/2023 0:28	8/9/2023 10:00	571	0
587455	8/9/2023 0:28	8/9/2023 10:00	571	0
1332906	8/9/2023 0:28	8/9/2023 10:00	571	0
1320619	8/9/2023 0:28	8/9/2023 10:00	571	0
800600	8/9/2023 0:28	8/9/2023 10:00	571	0

8621797	8/9/2023 0:28	8/9/2023 10:00	571	0
8148103	8/9/2023 0:28	8/9/2023 10:00	571	0
381982	8/9/2023 0:28	8/9/2023 10:00	571	0
311322	8/9/2023 0:28	8/9/2023 10:00	571	0
957615	8/9/2023 0:28	8/9/2023 10:00	571	0
313482	8/9/2023 0:28	8/9/2023 10:00	571	0
1557188	8/9/2023 0:28	8/9/2023 10:00	571	0
1681747	8/9/2023 0:28	8/9/2023 10:00	571	0
793690	8/9/2023 0:28	8/9/2023 10:00	571	0
323747	8/9/2023 0:28	8/9/2023 9:54	566	0
1573666	8/9/2023 2:16	8/9/2023 10:00	463	0
535771	8/9/2023 7:25	8/9/2023 10:00	154	0
309961	8/9/2023 8:16	8/9/2023 10:00	103	0
580808	8/9/2023 8:17	8/9/2023 10:00	102	0
181420	8/9/2023 8:28	8/9/2023 10:00	91	0
1599629	8/9/2023 8:28	8/9/2023 10:00	91	0
446275	8/9/2023 8:33	8/9/2023 10:00	86	0
7902724	8/9/2023 8:34	8/9/2023 10:00	85	0
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252824	8/9/2023 8:48	8/9/2023 10:00	71	0
8511623	8/9/2023 9:03	8/9/2023 10:00	56	0
51483	8/9/2023 9:03	8/9/2023 10:00	56	0
558031	8/9/2023 9:03	8/9/2023 10:00	56	0
561757	8/9/2023 9:04	8/9/2023 10:00	55	0
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1430553	8/9/2023 9:47	8/9/2023 10:00	12	0
1321605	8/9/2023 9:52	8/9/2023 10:00	7	0
1309098	8/9/2023 9:53	8/9/2023 10:00	6	0
323747	8/9/2023 9:54	8/9/2023 10:00	5	0
315088	8/9/2023 9:55	8/9/2023 10:00	4	0
6761269	8/9/2023 9:57	8/9/2023 10:00	2	0
1576533	8/9/2023 9:58	8/9/2023 10:00	1	0
7937779	8/9/2023 9:58	8/9/2023 10:00	1	0
1390184	8/9/2023 10:00	8/10/2023 0:28	868	0.08
564357	8/9/2023 10:00	8/10/2023 10:00	1439	0.01
496500	8/9/2023 10:00	8/9/2023 20:06	606	0
1077082	8/9/2023 10:00	8/10/2023 10:00	1439	0
1557303	8/9/2023 10:00	8/9/2023 20:05	605	0
264186	8/9/2023 10:00	8/10/2023 10:00	1439	0
705447	8/9/2023 10:00	8/10/2023 10:00	1439	0
637185	8/9/2023 10:00	8/10/2023 10:00	1439	0
564518	8/9/2023 10:00	8/9/2023 11:19	79	0
1368745	8/9/2023 10:00	8/9/2023 20:03	603	0
46184	8/9/2023 10:00	8/10/2023 10:00	1439	0
1193174	8/9/2023 10:01	8/10/2023 10:00	1438	0
8511623	8/9/2023 10:01	8/10/2023 10:00	1438	0

558031	8/9/2023 10:07	8/9/2023 20:04	597	0.18
323657	8/9/2023 10:09	8/9/2023 20:07	598	1.55
299676	8/9/2023 10:10	8/9/2023 20:12	602	0
8734029	8/9/2023 10:11	8/9/2023 20:12	601	0
1573666	8/9/2023 10:13	8/9/2023 20:17	604	0
1700586	8/9/2023 10:14	8/9/2023 20:11	597	0
381982	8/9/2023 10:16	8/9/2023 20:13	597	0
772378	8/9/2023 10:18	8/9/2023 22:14	716	0
313482	8/9/2023 10:19	8/9/2023 20:16	597	0
265473	8/9/2023 10:21	8/10/2023 0:28	847	0
507365	8/9/2023 10:22	8/9/2023 20:24	602	0
301691	8/9/2023 10:23	8/9/2023 20:23	600	0
6714863	8/9/2023 10:23	8/9/2023 20:23	600	0
8434537	8/9/2023 10:30	8/9/2023 20:33	603	0
6995795	8/9/2023 10:31	8/9/2023 20:27	596	0.88
1704232	8/9/2023 10:33	8/9/2023 20:32	599	1.89
8068454	8/9/2023 10:36	8/9/2023 20:37	601	0
989956	8/9/2023 10:38	8/9/2023 20:38	600	0.65
8668965	8/9/2023 10:38	8/9/2023 20:36	598	0.13
1681747	8/9/2023 10:39	8/9/2023 20:37	598	0.33
790670	8/9/2023 10:39	8/9/2023 20:39	600	0
1299402	8/9/2023 10:40	8/9/2023 20:41	601	0
954637	8/9/2023 10:43	8/9/2023 20:42	599	0.14
8910809	8/9/2023 10:43	8/9/2023 20:42	599	0
1432509	8/9/2023 10:43	8/9/2023 20:44	601	0
311322	8/9/2023 10:46	8/9/2023 20:49	603	0
1557188	8/9/2023 10:47	8/9/2023 20:48	601	0
1624452	8/9/2023 10:47	8/9/2023 20:47	600	0
1552836	8/9/2023 10:48	8/10/2023 10:00	1391	0
1552977	8/9/2023 10:51	8/10/2023 10:00	1388	0
324045	8/9/2023 10:51	8/9/2023 20:54	603	0
1320619	8/9/2023 10:53	8/10/2023 0:28	815	0
8495802	8/9/2023 10:57	8/9/2023 22:15	678	0
380057	8/9/2023 10:59	8/9/2023 21:01	602	0
394702	8/9/2023 11:01	8/10/2023 10:00	1378	0
7533405	8/9/2023 11:02	8/9/2023 13:08	126	0.13
6623421	8/9/2023 11:07	8/9/2023 21:03	596	0
793690	8/9/2023 11:07	8/9/2023 21:09	602	0
656628	8/9/2023 11:08	8/9/2023 21:09	601	0.16
1547710	8/9/2023 11:08	8/9/2023 21:08	600	0
315345	8/9/2023 11:08	8/10/2023 0:28	800	1.44
324290	8/9/2023 11:09	8/9/2023 21:09	600	0.49
346288	8/9/2023 11:12	8/9/2023 21:14	602	0
311724	8/9/2023 11:18	8/9/2023 21:20	602	0.78
564518	8/9/2023 11:19	8/9/2023 20:38	559	0
266906	8/9/2023 11:20	8/9/2023 21:20	600	0.19
1301093	8/9/2023 11:33	8/9/2023 22:10	637	1.65

8104722	8/9/2023 11:34	8/9/2023 21:25	591	0
345647	8/9/2023 11:35	8/9/2023 21:27	592	0
1552154	8/9/2023 11:35	8/9/2023 21:21	586	0.88
316630	8/9/2023 11:39	8/9/2023 21:40	601	0.94
1093833	8/9/2023 11:42	8/9/2023 21:24	582	1.67
587455	8/9/2023 11:42	8/10/2023 0:28	766	0
7879030	8/9/2023 11:45	8/9/2023 21:42	597	0
321310	8/9/2023 11:52	8/9/2023 21:53	601	0
1557676	8/9/2023 12:04	8/10/2023 10:00	1315	0
1518502	8/9/2023 12:14	8/9/2023 22:02	588	0
8950281	8/9/2023 12:19	8/10/2023 10:00	1300	0
619266	8/9/2023 12:44	8/10/2023 10:00	1275	0
7533405	8/9/2023 13:08	8/10/2023 10:00	1251	0
328408	8/9/2023 13:09	8/9/2023 22:11	542	0.1
1417138	8/9/2023 13:35	8/10/2023 0:28	653	0
1406535	8/9/2023 13:45	8/9/2023 22:02	497	0.02
353728	8/9/2023 13:47	8/10/2023 10:00	1212	0
6503956	8/9/2023 13:50	8/9/2023 22:02	492	0
1525793	8/9/2023 14:00	8/9/2023 14:58	58	0
1604432	8/9/2023 14:03	8/10/2023 9:50	1187	0
307661	8/9/2023 14:10	8/9/2023 22:16	486	0
6992958	8/9/2023 14:10	8/9/2023 22:15	485	0
583848	8/9/2023 14:13	8/9/2023 22:05	472	0
1376158	8/9/2023 14:14	8/9/2023 22:13	479	0
658177	8/9/2023 14:24	8/9/2023 22:10	466	0
345941	8/9/2023 14:28	8/10/2023 10:00	1171	0
1518507	8/9/2023 14:29	8/10/2023 0:28	599	0.08
47169	8/9/2023 14:29	8/9/2023 22:12	463	0
1251782	8/9/2023 14:29	8/9/2023 22:13	464	0
49209	8/9/2023 14:32	8/9/2023 22:30	478	0
1514004	8/9/2023 14:32	8/9/2023 22:06	454	0.01
313770	8/9/2023 14:33	8/9/2023 22:01	448	0
1602630	8/9/2023 14:34	8/9/2023 22:23	469	0.06
990897	8/9/2023 14:34	8/9/2023 22:04	450	0
281456	8/9/2023 14:34	8/9/2023 22:09	455	0
456099	8/9/2023 14:36	8/10/2023 0:28	592	0.09
572883	8/9/2023 14:37	8/9/2023 22:05	448	0.01
121748	8/9/2023 14:37	8/9/2023 22:16	459	0
801004	8/9/2023 14:38	8/9/2023 22:12	454	0
872542	8/9/2023 14:39	8/10/2023 0:28	589	0
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306565	8/9/2023 14:42	8/9/2023 22:10	448	0
1985687	8/9/2023 14:44	8/9/2023 23:05	501	0
1518241	8/9/2023 14:44	8/10/2023 0:28	584	0
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1417279	8/9/2023 14:49	8/9/2023 22:07	438	0
751178	8/9/2023 14:49	8/10/2023 0:28	579	0

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563721	8/9/2023 15:01	8/9/2023 22:07	426	0
281237	8/9/2023 15:02	8/9/2023 22:09	427	0
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1356945	8/9/2023 15:08	8/9/2023 22:02	414	0
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313720	8/9/2023 15:16	8/9/2023 22:10	414	0
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1362855	8/9/2023 15:56	8/10/2023 0:28	512	0
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954637	8/9/2023 20:42	8/10/2023 10:00	797	0
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7879030	8/9/2023 21:42	8/10/2023 10:00	737	0
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6503956	8/9/2023 22:02	8/10/2023 10:00	717	0
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990897	8/9/2023 22:04	8/10/2023 10:00	715	0
1463520	8/9/2023 22:04	8/10/2023 10:00	715	0
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612363	8/9/2023 22:07	8/10/2023 10:00	712	0
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313720	8/9/2023 22:10	8/10/2023 10:00	709	0
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1301093	8/9/2023 22:10	8/10/2023 10:00	709	0
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47169	8/9/2023 22:12	8/10/2023 10:00	707	0
801004	8/9/2023 22:12	8/10/2023 10:00	707	0
1251782	8/9/2023 22:13	8/10/2023 10:00	706	0
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121748	8/9/2023 22:16	8/10/2023 10:00	703	0
1443586	8/9/2023 22:17	8/10/2023 10:00	702	0
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1602630	8/9/2023 22:23	8/10/2023 10:00	696	0
8621797	8/9/2023 22:24	8/10/2023 10:00	695	0
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1362855	8/10/2023 0:28	8/10/2023 9:55	567	0
315345	8/10/2023 0:28	8/10/2023 10:00	571	0
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9993140	8/10/2023 0:28	8/10/2023 10:00	571	0
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587455	8/10/2023 0:28	8/10/2023 10:00	571	0
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6733217	8/10/2023 0:28	8/10/2023 10:00	571	0
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751178	8/10/2023 0:28	8/10/2023 10:00	571	0
193791	8/10/2023 0:28	8/10/2023 10:00	571	0
304345	8/10/2023 0:28	8/10/2023 10:00	571	0
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1356945	8/10/2023 8:52	8/10/2023 10:00	67	0
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317233	8/10/2023 9:40	8/10/2023 10:00	19	0
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1362855	8/10/2023 9:55	8/10/2023 10:00	4	0
301691	8/10/2023 9:56	8/10/2023 10:00	3	0
456099	8/10/2023 10:00	8/10/2023 20:06	606	0
313482	8/10/2023 10:00	8/10/2023 20:04	604	0
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637185	8/10/2023 10:00	8/11/2023 10:00	1439	0
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8734029	8/10/2023 10:10	8/11/2023 0:28	858	0
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1432509	8/10/2023 10:15	8/11/2023 0:28	853	0
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323747	8/10/2023 10:37	8/11/2023 0:28	831	0
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380057	8/10/2023 10:59	8/11/2023 0:28	809	0
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1362130	8/10/2023 11:06	8/11/2023 0:28	802	0
8590289	8/10/2023 11:06	8/10/2023 11:11	5	0
656628	8/10/2023 11:08	8/11/2023 0:28	800	0
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1524033	8/10/2023 11:09	8/10/2023 21:07	598	0
8590289	8/10/2023 11:11	8/11/2023 0:28	797	0
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7937779	8/10/2023 11:15	8/10/2023 21:13	598	0
309233	8/10/2023 11:16	8/10/2023 21:14	598	0
583848	8/10/2023 11:16	8/10/2023 21:14	598	0
8434548	8/10/2023 11:18	8/11/2023 0:28	790	0
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8950281	8/10/2023 11:33	8/11/2023 0:28	775	0
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7879030	8/10/2023 11:40	8/10/2023 21:41	601	0
7533405	8/10/2023 11:45	8/11/2023 10:00	1334	0
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990897	8/10/2023 11:50	8/11/2023 0:28	758	0
8068454	8/10/2023 11:51	8/10/2023 21:49	598	0
317126	8/10/2023 12:22	8/11/2023 10:00	1297	0
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8621797	8/10/2023 13:30	8/11/2023 0:28	658	0

655624	8/10/2023 13:31	8/10/2023 21:20	469	0
457729	8/10/2023 13:32	8/10/2023 22:20	528	0
265447	8/10/2023 13:51	8/11/2023 0:28	637	0
392602	8/10/2023 13:57	8/11/2023 10:00	1202	0
299676	8/10/2023 14:09	8/10/2023 22:14	485	0
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265473	8/10/2023 14:17	8/11/2023 0:28	611	0
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663083	8/10/2023 14:23	8/10/2023 22:09	466	0
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658177	8/10/2023 14:27	8/11/2023 0:28	601	0
5212517	8/10/2023 14:29	8/10/2023 22:20	471	0
989442	8/10/2023 14:31	8/11/2023 0:28	597	0
563721	8/10/2023 14:32	8/11/2023 0:28	596	0
656935	8/10/2023 14:32	8/10/2023 21:32	420	0
581832	8/10/2023 14:34	8/10/2023 14:43	9	0
266906	8/10/2023 14:37	8/11/2023 0:28	591	0
581832	8/10/2023 14:43	8/10/2023 14:54	11	0
345647	8/10/2023 14:44	8/10/2023 22:19	455	0
619266	8/10/2023 14:49	8/10/2023 22:15	446	0
572882	8/10/2023 14:51	8/10/2023 22:11	440	0
581832	8/10/2023 14:54	8/10/2023 15:44	50	0
1320619	8/10/2023 14:55	8/11/2023 0:28	573	0
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657859	8/10/2023 15:02	8/11/2023 10:00	1137	0
316997	8/10/2023 15:08	8/10/2023 22:22	434	0
1602630	8/10/2023 15:18	8/10/2023 22:21	423	0.07
308032	8/10/2023 15:21	8/11/2023 0:28	547	0
1532891	8/10/2023 15:27	8/11/2023 0:28	541	0
1557303	8/10/2023 15:36	8/11/2023 0:28	532	0.05
309265	8/10/2023 15:37	8/11/2023 0:28	531	0
1532840	8/10/2023 15:39	8/11/2023 0:28	529	0
790670	8/10/2023 15:39	8/11/2023 0:28	529	0
581832	8/10/2023 15:44	8/10/2023 16:58	74	0
1557188	8/10/2023 15:51	8/10/2023 22:15	384	0
506261	8/10/2023 16:06	8/10/2023 22:09	363	0
1417138	8/10/2023 16:33	8/10/2023 22:20	347	0
306565	8/10/2023 16:42	8/11/2023 0:28	466	0
311724	8/10/2023 16:45	8/10/2023 22:14	329	0
581832	8/10/2023 16:58	8/10/2023 21:13	255	0
1431752	8/10/2023 18:41	8/11/2023 10:00	918	0
558031	8/10/2023 20:04	8/11/2023 9:06	782	0
313482	8/10/2023 20:04	8/11/2023 10:00	835	0
456099	8/10/2023 20:06	8/11/2023 10:00	833	0
1368745	8/10/2023 20:07	8/11/2023 9:16	789	0
325050	8/10/2023 20:09	8/11/2023 9:38	809	0

381982	8/10/2023 20:11	8/11/2023 10:00	828	0
1390184	8/10/2023 20:17	8/11/2023 10:00	822	0
1309098	8/10/2023 20:22	8/11/2023 10:00	817	0
324045	8/10/2023 20:24	8/11/2023 10:00	815	0
6714863	8/10/2023 20:27	8/11/2023 10:00	812	0
6995795	8/10/2023 20:29	8/11/2023 10:00	810	0
313881	8/10/2023 20:33	8/11/2023 9:50	797	0
49209	8/10/2023 20:34	8/11/2023 10:00	805	0
500173	8/10/2023 20:35	8/11/2023 10:00	804	0
195839	8/10/2023 20:36	8/11/2023 10:00	803	0
315345	8/10/2023 20:36	8/11/2023 10:00	803	0
1704326	8/10/2023 20:37	8/11/2023 8:07	690	0
378229	8/10/2023 20:42	8/11/2023 10:00	797	0
304345	8/10/2023 20:46	8/11/2023 10:00	793	0
315346	8/10/2023 20:52	8/11/2023 10:00	787	0
806370	8/10/2023 20:57	8/11/2023 10:00	782	0
1301093	8/10/2023 20:59	8/11/2023 10:00	780	0
330528	8/10/2023 21:04	8/11/2023 10:00	775	0
496500	8/10/2023 21:04	8/11/2023 10:00	775	0
323657	8/10/2023 21:07	8/11/2023 10:00	772	0
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1511264	8/10/2023 21:11	8/11/2023 10:00	768	0
7937779	8/10/2023 21:13	8/11/2023 9:58	765	0
581832	8/10/2023 21:13	8/10/2023 21:18	5	0
583848	8/10/2023 21:14	8/11/2023 10:00	765	0
309233	8/10/2023 21:14	8/11/2023 10:00	765	0
581832	8/10/2023 21:18	8/10/2023 22:13	55	0
655624	8/10/2023 21:20	8/11/2023 10:00	759	0
656935	8/10/2023 21:32	8/11/2023 10:00	747	0
315730	8/10/2023 21:35	8/11/2023 10:00	744	0
7879030	8/10/2023 21:41	8/11/2023 10:00	738	0
8068454	8/10/2023 21:49	8/11/2023 10:00	730	0
561672	8/10/2023 21:49	8/11/2023 10:00	730	0
954637	8/10/2023 22:07	8/11/2023 10:00	712	0
506261	8/10/2023 22:09	8/11/2023 10:00	710	0
663083	8/10/2023 22:09	8/11/2023 10:00	710	0
572882	8/10/2023 22:11	8/11/2023 10:00	708	0
581832	8/10/2023 22:13	8/11/2023 0:27	134	0
311724	8/10/2023 22:14	8/11/2023 10:00	705	0
299676	8/10/2023 22:14	8/11/2023 10:00	705	0
1557188	8/10/2023 22:15	8/11/2023 10:00	704	0
619266	8/10/2023 22:15	8/11/2023 10:00	704	0
569554	8/10/2023 22:16	8/11/2023 10:00	703	0
345647	8/10/2023 22:19	8/11/2023 10:00	700	0
1417138	8/10/2023 22:20	8/11/2023 10:00	699	0
457729	8/10/2023 22:20	8/11/2023 10:00	699	0
5212517	8/10/2023 22:20	8/11/2023 10:00	699	0

1602630	8/10/2023 22:21	8/11/2023 10:00	698	0
316997	8/10/2023 22:22	8/11/2023 10:00	697	0
581832	8/11/2023 0:27	8/11/2023 3:43	196	0
790670	8/11/2023 0:28	8/11/2023 10:00	571	0
8668965	8/11/2023 0:28	8/11/2023 10:00	571	0
8621797	8/11/2023 0:28	8/11/2023 10:00	571	0
1320619	8/11/2023 0:28	8/11/2023 10:00	571	0
346288	8/11/2023 0:28	8/11/2023 10:00	571	0
265473	8/11/2023 0:28	8/11/2023 10:00	571	0
380057	8/11/2023 0:28	8/11/2023 10:00	571	0
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1190820	8/11/2023 0:28	8/11/2023 10:00	571	0
507365	8/11/2023 0:28	8/11/2023 10:00	571	0
989442	8/11/2023 0:28	8/11/2023 10:00	571	0
772378	8/11/2023 0:28	8/11/2023 10:00	571	0
1518241	8/11/2023 0:28	8/11/2023 10:00	571	0
656628	8/11/2023 0:28	8/11/2023 10:00	571	0
274064	8/11/2023 0:28	8/11/2023 10:00	571	0
1511251	8/11/2023 0:28	8/11/2023 10:00	571	0
8910809	8/11/2023 0:28	8/11/2023 10:00	571	0
197356	8/11/2023 0:28	8/11/2023 10:00	571	0
1532840	8/11/2023 0:28	8/11/2023 10:00	571	0
307661	8/11/2023 0:28	8/11/2023 10:00	571	0
266906	8/11/2023 0:28	8/11/2023 10:00	571	0
1406535	8/11/2023 0:28	8/11/2023 9:28	540	0
8734029	8/11/2023 0:28	8/11/2023 10:00	571	0
323747	8/11/2023 0:28	8/11/2023 10:00	571	0
658177	8/11/2023 0:28	8/11/2023 10:00	571	0
315088	8/11/2023 0:28	8/11/2023 10:00	571	0
309265	8/11/2023 0:28	8/11/2023 10:00	571	0
196408	8/11/2023 0:28	8/11/2023 10:00	571	0
8950281	8/11/2023 0:28	8/11/2023 10:00	571	0
957615	8/11/2023 0:28	8/11/2023 10:00	571	0
47169	8/11/2023 0:28	8/11/2023 10:00	571	0
1432509	8/11/2023 0:28	8/11/2023 10:00	571	0
1532891	8/11/2023 0:28	8/11/2023 10:00	571	0
1700586	8/11/2023 0:28	8/11/2023 10:00	571	0
1557303	8/11/2023 0:28	8/11/2023 10:00	571	0
265447	8/11/2023 0:28	8/11/2023 10:00	571	0
1299402	8/11/2023 0:28	8/11/2023 10:00	571	0
316971	8/11/2023 0:28	8/11/2023 10:00	571	0
8495802	8/11/2023 0:28	8/11/2023 10:00	571	0
8590289	8/11/2023 0:28	8/11/2023 10:00	571	0
1573666	8/11/2023 0:28	8/11/2023 9:42	554	0
563721	8/11/2023 0:28	8/11/2023 10:00	571	0
8434548	8/11/2023 0:28	8/11/2023 10:00	571	0
8434537	8/11/2023 0:28	8/11/2023 10:00	571	0

8387677	8/11/2023 0:28	8/11/2023 10:00	571	0
1547710	8/11/2023 0:28	8/11/2023 10:00	571	0
1362130	8/11/2023 0:28	8/11/2023 10:00	571	0
308032	8/11/2023 0:28	8/11/2023 10:00	571	0
990897	8/11/2023 0:28	8/11/2023 10:00	571	0
306565	8/11/2023 0:28	8/11/2023 10:00	571	0
581832	8/11/2023 3:43	8/11/2023 4:47	64	0
581832	8/11/2023 4:47	8/11/2023 8:28	221	0
1704326	8/11/2023 8:07	8/11/2023 10:00	112	0
626600	8/11/2023 8:20	8/11/2023 10:00	99	0
581832	8/11/2023 8:28	8/11/2023 8:33	5	0
309961	8/11/2023 8:32	8/11/2023 10:00	87	0
7902724	8/11/2023 8:33	8/11/2023 10:00	86	0
581832	8/11/2023 8:33	8/11/2023 8:43	10	0
8511623	8/11/2023 8:41	8/11/2023 10:00	78	0
317233	8/11/2023 8:42	8/11/2023 10:00	77	0
581832	8/11/2023 8:43	8/11/2023 8:48	5	0
1493132	8/11/2023 8:44	8/11/2023 10:00	75	0
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252824	8/11/2023 8:54	8/11/2023 10:00	65	0
581832	8/11/2023 8:58	8/11/2023 9:43	45	0
558031	8/11/2023 9:06	8/11/2023 10:00	53	0.03
51483	8/11/2023 9:16	8/11/2023 10:00	43	0
1368745	8/11/2023 9:16	8/11/2023 10:00	43	0
561757	8/11/2023 9:21	8/11/2023 10:00	38	0
1356945	8/11/2023 9:22	8/11/2023 10:00	37	0
1406535	8/11/2023 9:28	8/11/2023 10:00	31	0
1430553	8/11/2023 9:31	8/11/2023 10:00	28	0
325050	8/11/2023 9:38	8/11/2023 10:00	21	0
1362855	8/11/2023 9:41	8/11/2023 10:00	18	0
1573666	8/11/2023 9:42	8/11/2023 10:00	17	0
581832	8/11/2023 9:43	8/11/2023 10:00	16	0
313881	8/11/2023 9:50	8/11/2023 10:00	9	0
1604432	8/11/2023 9:50	8/11/2023 10:00	9	0
793638	8/11/2023 9:53	8/11/2023 10:00	6	0.07
1985687	8/11/2023 9:56	8/11/2023 10:00	3	0
7937779	8/11/2023 9:58	8/11/2023 10:00	1	0
1390184	8/11/2023 10:00	8/12/2023 0:28	868	1.62
564357	8/11/2023 10:00	8/12/2023 10:00	1439	0
46184	8/11/2023 10:00	8/12/2023 10:00	1439	0
1308096	8/11/2023 10:00	8/12/2023 10:00	1439	0
705447	8/11/2023 10:00	8/12/2023 10:00	1439	0
7533405	8/11/2023 10:00	8/11/2023 11:01	61	0
1077082	8/11/2023 10:00	8/12/2023 10:00	1439	0
793638	8/11/2023 10:00	8/12/2023 10:00	1439	0.07
637185	8/11/2023 10:00	8/12/2023 10:00	1439	0
264186	8/11/2023 10:00	8/12/2023 10:00	1439	0

1704232	8/11/2023 10:01	8/11/2023 11:36	95	0.2
1553245	8/11/2023 10:05	8/12/2023 0:28	863	0
1309098	8/11/2023 10:07	8/12/2023 0:28	861	3.65
1368745	8/11/2023 10:07	8/11/2023 20:06	599	0
496500	8/11/2023 10:07	8/11/2023 20:05	598	0
324290	8/11/2023 10:08	8/11/2023 20:06	598	0.09
1552154	8/11/2023 10:09	8/11/2023 20:08	599	3.09
6761269	8/11/2023 10:11	8/11/2023 20:13	602	0
957615	8/11/2023 10:11	8/12/2023 0:28	857	0
6714863	8/11/2023 10:11	8/11/2023 20:11	600	0.09
581832	8/11/2023 10:18	8/12/2023 10:00	1421	0
500173	8/11/2023 10:19	8/11/2023 20:23	604	7.76
997397	8/11/2023 10:19	8/11/2023 20:17	598	0
1556246	8/11/2023 10:21	8/12/2023 0:28	847	0
265473	8/11/2023 10:21	8/12/2023 0:28	847	0
1362130	8/11/2023 10:23	8/12/2023 0:28	845	0
954637	8/11/2023 10:27	8/11/2023 20:31	604	0.36
561672	8/11/2023 10:31	8/11/2023 20:34	603	0.85
1700586	8/11/2023 10:31	8/11/2023 22:10	699	0.08
8068454	8/11/2023 10:32	8/11/2023 20:29	597	0
311322	8/11/2023 10:32	8/11/2023 20:32	600	0
989956	8/11/2023 10:36	8/11/2023 20:39	603	2.65
507365	8/11/2023 10:36	8/12/2023 0:28	832	0
313720	8/11/2023 10:36	8/11/2023 20:34	598	0.26
323747	8/11/2023 10:40	8/11/2023 20:38	598	0
793690	8/11/2023 10:41	8/11/2023 20:40	599	0.18
346288	8/11/2023 10:42	8/11/2023 20:41	599	0.13
1532891	8/11/2023 10:44	8/12/2023 0:28	824	0
8495802	8/11/2023 10:44	8/11/2023 20:47	603	0
8434537	8/11/2023 10:46	8/11/2023 20:51	605	0
47169	8/11/2023 10:48	8/11/2023 20:48	600	0.19
1190820	8/11/2023 10:52	8/12/2023 0:28	816	0.75
353728	8/11/2023 10:53	8/11/2023 19:01	488	0
790670	8/11/2023 10:53	8/12/2023 0:28	815	0
1586005	8/11/2023 10:54	8/11/2023 20:53	599	0
353651	8/11/2023 10:58	8/11/2023 20:57	599	0
381982	8/11/2023 10:58	8/12/2023 0:28	810	0
345647	8/11/2023 10:59	8/11/2023 20:59	600	0
1301093	8/11/2023 10:59	8/11/2023 20:57	598	1.3
7533405	8/11/2023 11:01	8/11/2023 11:48	47	0.1
311724	8/11/2023 11:02	8/11/2023 21:02	600	0.4
315088	8/11/2023 11:03	8/11/2023 21:06	603	0
321310	8/11/2023 11:04	8/11/2023 21:03	599	0
324045	8/11/2023 11:08	8/11/2023 21:07	599	0
8668965	8/11/2023 11:10	8/11/2023 21:09	599	0.17
658177	8/11/2023 11:11	8/12/2023 0:28	797	0.07
378229	8/11/2023 11:12	8/11/2023 21:11	599	1.48

1321605	8/11/2023 11:12	8/11/2023 21:10	598	2.07
1532840	8/11/2023 11:14	8/11/2023 21:13	599	0.53
8950281	8/11/2023 11:16	8/11/2023 21:20	604	0
572882	8/11/2023 11:19	8/12/2023 0:28	789	0.76
266906	8/11/2023 11:21	8/12/2023 10:00	1358	0
656628	8/11/2023 11:24	8/12/2023 0:28	784	0.15
1547710	8/11/2023 11:24	8/11/2023 21:20	596	0
1321750	8/11/2023 11:24	8/12/2023 0:28	784	0
1393633	8/11/2023 11:27	8/12/2023 0:28	781	0
564518	8/11/2023 11:27	8/11/2023 21:27	600	0
1518241	8/11/2023 11:30	8/12/2023 0:28	778	0.9
8104722	8/11/2023 11:33	8/11/2023 21:32	599	0
1704232	8/11/2023 11:36	8/11/2023 21:34	598	0.74
197356	8/11/2023 11:36	8/11/2023 21:35	599	0
1320008	8/11/2023 11:37	8/12/2023 0:28	771	0.27
318815	8/11/2023 11:44	8/12/2023 10:00	1335	0
583848	8/11/2023 11:46	8/11/2023 21:45	599	0
316997	8/11/2023 11:47	8/11/2023 21:50	603	0.66
49209	8/11/2023 11:48	8/11/2023 21:48	600	0
7533405	8/11/2023 11:48	8/12/2023 10:00	1331	0
323657	8/11/2023 11:50	8/11/2023 21:53	603	0.53
1556602	8/11/2023 11:51	8/11/2023 21:50	599	0
1320646	8/11/2023 11:52	8/12/2023 10:00	1327	0
1557303	8/11/2023 11:54	8/11/2023 21:52	598	0.06
808829	8/11/2023 11:54	8/12/2023 0:28	754	0
6995795	8/11/2023 11:58	8/11/2023 21:58	600	0.23
317768	8/11/2023 12:00	8/11/2023 22:04	604	0.05
1557188	8/11/2023 12:08	8/12/2023 0:28	740	0
810130	8/11/2023 12:11	8/12/2023 0:28	737	0
1557676	8/11/2023 12:40	8/12/2023 10:00	1279	0.02
306565	8/11/2023 12:59	8/11/2023 17:01	242	0
307661	8/11/2023 13:01	8/11/2023 15:12	131	0
328570	8/11/2023 13:01	8/12/2023 10:00	1258	0
8148103	8/11/2023 13:02	8/11/2023 13:07	5	0
8148103	8/11/2023 13:07	8/11/2023 21:57	530	1.61
587455	8/11/2023 14:03	8/12/2023 0:28	625	0
990897	8/11/2023 14:06	8/12/2023 0:28	622	0
1417279	8/11/2023 14:22	8/11/2023 22:09	467	0
1681747	8/11/2023 14:24	8/12/2023 0:28	604	0
800600	8/11/2023 14:25	8/12/2023 0:28	603	0.03
304345	8/11/2023 14:27	8/12/2023 0:32	605	0
2032900	8/11/2023 14:27	8/12/2023 0:28	601	0
281456	8/11/2023 14:36	8/11/2023 22:29	473	0
572883	8/11/2023 14:36	8/11/2023 22:07	451	0
8734029	8/11/2023 14:42	8/11/2023 22:19	457	0
8434548	8/11/2023 14:46	8/12/2023 10:00	1153	0
8387677	8/11/2023 14:48	8/11/2023 22:09	441	0

989442	8/11/2023 14:49	8/12/2023 0:28	579	0
330528	8/11/2023 14:49	8/11/2023 21:34	405	0
456099	8/11/2023 14:50	8/12/2023 0:28	578	0.01
1387226	8/11/2023 14:56	8/12/2023 0:28	572	0
1432509	8/11/2023 14:56	8/11/2023 22:07	431	0
8621797	8/11/2023 14:58	8/11/2023 22:19	441	0
313770	8/11/2023 15:01	8/11/2023 21:57	416	0
1251782	8/11/2023 15:03	8/11/2023 22:12	429	0
281237	8/11/2023 15:07	8/11/2023 22:50	463	0
307661	8/11/2023 15:12	8/11/2023 22:12	420	0
194491	8/11/2023 15:22	8/11/2023 22:22	420	0
193791	8/11/2023 15:36	8/12/2023 0:28	532	0
1535026	8/11/2023 15:48	8/11/2023 22:06	378	0.02
643072	8/11/2023 15:52	8/12/2023 0:44	532	0
301691	8/11/2023 16:12	8/11/2023 22:09	357	0
8910809	8/11/2023 16:15	8/11/2023 22:12	357	0
693795	8/11/2023 16:31	8/12/2023 10:00	1048	0
6503956	8/11/2023 16:37	8/11/2023 22:02	325	0
663228	8/11/2023 16:39	8/12/2023 0:28	469	0
1076617	8/11/2023 16:50	8/11/2023 22:15	325	0
6992958	8/11/2023 16:51	8/11/2023 22:17	326	0
306565	8/11/2023 17:01	8/11/2023 22:11	310	0
1388092	8/11/2023 17:01	8/12/2023 0:28	447	0
387724	8/11/2023 17:14	8/11/2023 22:07	293	0
353728	8/11/2023 19:01	8/12/2023 10:00	898	0
496500	8/11/2023 20:05	8/12/2023 10:00	834	0
1368745	8/11/2023 20:06	8/12/2023 9:31	805	0
324290	8/11/2023 20:06	8/12/2023 8:21	735	0
1552154	8/11/2023 20:08	8/12/2023 10:00	831	0
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6761269	8/11/2023 20:13	8/12/2023 10:00	826	0
997397	8/11/2023 20:17	8/12/2023 10:00	822	0
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8068454	8/11/2023 20:29	8/12/2023 10:00	810	0
954637	8/11/2023 20:31	8/12/2023 10:00	808	0
311322	8/11/2023 20:32	8/12/2023 10:00	807	0
561672	8/11/2023 20:34	8/12/2023 10:00	805	0
313720	8/11/2023 20:34	8/12/2023 10:00	805	0
323747	8/11/2023 20:38	8/12/2023 10:00	801	0
989956	8/11/2023 20:39	8/12/2023 10:00	800	0
793690	8/11/2023 20:40	8/12/2023 10:00	799	0
346288	8/11/2023 20:41	8/12/2023 10:00	798	0
8495802	8/11/2023 20:47	8/12/2023 10:00	792	0
47169	8/11/2023 20:48	8/12/2023 10:00	791	0
8434537	8/11/2023 20:51	8/12/2023 10:00	788	0
1586005	8/11/2023 20:53	8/12/2023 10:00	786	0
1301093	8/11/2023 20:57	8/12/2023 10:00	782	0

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321310	8/11/2023 21:03	8/12/2023 10:00	776	0
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1547710	8/11/2023 21:20	8/12/2023 10:00	759	0
8950281	8/11/2023 21:20	8/12/2023 8:32	672	0
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1704232	8/11/2023 21:34	8/12/2023 10:00	745	0
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8621797	8/11/2023 22:19	8/12/2023 10:00	700	0
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281237	8/11/2023 22:50	8/12/2023 10:00	669	0

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1321750	8/12/2023 0:28	8/12/2023 10:00	571	0
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663228	8/12/2023 0:28	8/12/2023 10:00	571	0
587455	8/12/2023 0:28	8/12/2023 10:00	571	0
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808829	8/12/2023 0:28	8/12/2023 10:00	571	0
2032900	8/12/2023 0:28	8/12/2023 10:00	571	0
957615	8/12/2023 0:28	8/12/2023 10:00	571	0
1309098	8/12/2023 0:28	8/12/2023 10:00	571	0
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51483	8/12/2023 8:16	8/12/2023 10:00	103	0
324290	8/12/2023 8:21	8/12/2023 10:00	98	0
1356945	8/12/2023 8:23	8/12/2023 10:00	96	0
626600	8/12/2023 8:23	8/12/2023 10:00	96	0
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307661	8/12/2023 9:11	8/12/2023 10:00	48	0

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7937779	8/12/2023 10:12	8/12/2023 20:16	604	0
1600016	8/12/2023 10:13	8/12/2023 11:32	79	0
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997397	8/12/2023 10:17	8/12/2023 20:16	599	0
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1586005	8/12/2023 10:24	8/12/2023 18:11	467	0
1190820	8/12/2023 10:24	8/13/2023 0:28	844	0.67
1309098	8/12/2023 10:25	8/13/2023 0:28	843	0.21
321310	8/12/2023 10:25	8/12/2023 20:23	598	0
299676	8/12/2023 10:26	8/12/2023 20:26	600	0
6714863	8/12/2023 10:26	8/12/2023 20:27	601	0.05
569420	8/12/2023 10:27	8/12/2023 20:26	599	0
572882	8/12/2023 10:33	8/12/2023 20:36	603	0
790670	8/12/2023 10:37	8/13/2023 0:28	831	0
301691	8/12/2023 10:38	8/12/2023 20:42	604	0
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808829	8/12/2023 10:39	8/13/2023 0:28	829	0
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1503507	8/12/2023 10:43	8/13/2023 0:28	825	0
954637	8/12/2023 10:43	8/12/2023 18:06	443	0.09
1417138	8/12/2023 10:48	8/12/2023 20:52	604	0
496500	8/12/2023 10:49	8/12/2023 20:53	604	0

8068454	8/12/2023 10:51	8/12/2023 20:50	599	0
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309944	8/12/2023 10:53	8/12/2023 20:50	597	0
381982	8/12/2023 10:58	8/12/2023 20:56	598	0
8668965	8/12/2023 11:00	8/13/2023 0:28	808	0.05
1556919	8/12/2023 11:03	8/13/2023 0:28	805	1
309961	8/12/2023 11:03	8/12/2023 21:04	601	0.08
346288	8/12/2023 11:05	8/13/2023 0:28	803	0.02
558031	8/12/2023 11:06	8/12/2023 21:05	599	0
658177	8/12/2023 11:08	8/13/2023 0:28	800	0.34
1320646	8/12/2023 11:09	8/13/2023 0:28	799	2.13
1514004	8/12/2023 11:14	8/13/2023 0:28	794	0.24
583848	8/12/2023 11:15	8/12/2023 21:14	599	0
563721	8/12/2023 11:17	8/13/2023 0:28	791	0.01
456099	8/12/2023 11:18	8/12/2023 21:20	602	0.11
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1552154	8/12/2023 11:21	8/12/2023 21:25	604	0.49
1446785	8/12/2023 11:23	8/13/2023 0:28	785	1.54
1387226	8/12/2023 11:25	8/13/2023 0:28	783	0
656628	8/12/2023 11:26	8/13/2023 0:28	782	0.2
1301093	8/12/2023 11:27	8/12/2023 21:28	601	1.25
1600016	8/12/2023 11:32	8/12/2023 21:30	598	0
587455	8/12/2023 11:32	8/12/2023 21:33	601	0
1076617	8/12/2023 11:33	8/13/2023 0:28	775	0
8511623	8/12/2023 11:43	8/13/2023 0:28	765	0
1597937	8/12/2023 11:46	8/12/2023 21:45	599	0.01
457729	8/12/2023 11:46	8/12/2023 12:02	16	0
307661	8/12/2023 12:00	8/12/2023 21:51	591	0.03
8495802	8/12/2023 12:01	8/12/2023 21:54	593	0
457729	8/12/2023 12:02	8/12/2023 22:01	599	0
810130	8/12/2023 12:11	8/13/2023 0:28	737	0
8621797	8/12/2023 12:13	8/12/2023 22:07	594	0
1557676	8/12/2023 12:17	8/13/2023 0:28	731	0.3
323747	8/12/2023 12:22	8/12/2023 21:54	572	0
1671261	8/12/2023 12:25	8/13/2023 10:00	1294	0
7415412	8/12/2023 12:33	8/13/2023 10:00	1286	0
1556246	8/12/2023 12:36	8/13/2023 0:28	712	0
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466549	8/12/2023 13:05	8/13/2023 0:28	683	0.08
281456	8/12/2023 13:07	8/13/2023 0:28	681	0
1517239	8/12/2023 13:08	8/13/2023 10:00	1251	0
1557303	8/12/2023 13:32	8/13/2023 0:28	656	0
323657	8/12/2023 13:36	8/12/2023 21:49	493	0.1
1551513	8/12/2023 13:39	8/13/2023 0:28	649	0
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1272457	8/12/2023 13:58	8/12/2023 21:56	478	0.18

1985687	8/12/2023 13:58	8/12/2023 22:00	482	0
304345	8/12/2023 14:03	8/12/2023 21:45	462	0
265447	8/12/2023 14:03	8/13/2023 0:28	625	0
643072	8/12/2023 14:06	8/13/2023 0:28	622	0
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1251782	8/12/2023 14:15	8/12/2023 22:00	465	0
1406535	8/12/2023 14:15	8/13/2023 0:28	613	0.02
1518241	8/12/2023 14:20	8/12/2023 15:38	78	0
274064	8/12/2023 14:22	8/13/2023 0:28	606	0
800600	8/12/2023 14:23	8/13/2023 0:28	605	0.09
872542	8/12/2023 14:24	8/12/2023 21:53	449	0.04
1555609	8/12/2023 14:26	8/12/2023 22:03	457	0
160073	8/12/2023 14:26	8/12/2023 21:31	425	0
378229	8/12/2023 14:29	8/12/2023 22:04	455	0
330528	8/12/2023 14:35	8/12/2023 20:59	384	0
1220897	8/12/2023 14:37	8/12/2023 21:55	438	0
1093833	8/12/2023 14:39	8/12/2023 21:55	436	0
8734029	8/12/2023 14:40	8/13/2023 0:28	588	0
801004	8/12/2023 14:40	8/13/2023 0:28	588	0
1321750	8/12/2023 14:40	8/13/2023 0:28	588	0
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817825	8/12/2023 14:44	8/13/2023 0:28	584	0
456084	8/12/2023 14:47	8/12/2023 21:52	425	0
1464949	8/12/2023 14:50	8/12/2023 22:11	441	0
281237	8/12/2023 14:52	8/12/2023 21:53	421	0.09
324045	8/12/2023 14:54	8/12/2023 21:59	425	0
1432509	8/12/2023 14:54	8/13/2023 0:28	574	0
5212517	8/12/2023 15:15	8/12/2023 21:45	390	0
345647	8/12/2023 15:20	8/12/2023 22:00	400	0
306646	8/12/2023 15:29	8/13/2023 0:28	539	0
1518241	8/12/2023 15:38	8/13/2023 0:28	530	0
793638	8/12/2023 15:43	8/12/2023 22:01	378	0
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1444966	8/12/2023 16:04	8/13/2023 0:28	504	0
47169	8/12/2023 16:04	8/13/2023 0:28	504	0
1557100	8/12/2023 16:21	8/13/2023 0:28	487	0
252824	8/12/2023 17:09	8/12/2023 21:40	271	0
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1586005	8/12/2023 18:11	8/13/2023 10:00	948	0
1431752	8/12/2023 18:39	8/12/2023 21:59	200	0
6961293	8/12/2023 20:12	8/13/2023 10:00	827	0
7937779	8/12/2023 20:16	8/13/2023 10:00	823	0
997397	8/12/2023 20:16	8/13/2023 10:00	823	0
321310	8/12/2023 20:23	8/13/2023 10:00	816	0
299676	8/12/2023 20:26	8/13/2023 10:00	813	0
569420	8/12/2023 20:26	8/13/2023 10:00	813	0
6714863	8/12/2023 20:27	8/13/2023 10:00	812	0

572882	8/12/2023 20:36	8/13/2023 10:00	803	0
6761269	8/12/2023 20:38	8/13/2023 10:00	801	0
301691	8/12/2023 20:42	8/13/2023 9:39	777	0
8068454	8/12/2023 20:50	8/13/2023 10:00	789	0
309944	8/12/2023 20:50	8/13/2023 10:00	789	0
1417138	8/12/2023 20:52	8/13/2023 9:35	763	0
496500	8/12/2023 20:53	8/13/2023 10:00	786	0
381982	8/12/2023 20:56	8/13/2023 10:00	783	0
564518	8/12/2023 20:56	8/13/2023 10:00	783	0
330528	8/12/2023 20:59	8/13/2023 10:00	780	0
309961	8/12/2023 21:04	8/13/2023 10:00	775	0
558031	8/12/2023 21:05	8/13/2023 10:00	774	0
583848	8/12/2023 21:14	8/13/2023 10:00	765	0
456099	8/12/2023 21:20	8/13/2023 10:00	759	0
1552154	8/12/2023 21:25	8/13/2023 10:00	754	0
1301093	8/12/2023 21:28	8/13/2023 10:00	751	0
1600016	8/12/2023 21:30	8/13/2023 10:00	749	0
160073	8/12/2023 21:31	8/13/2023 10:00	748	0
587455	8/12/2023 21:33	8/13/2023 10:00	746	0
252824	8/12/2023 21:40	8/13/2023 10:00	739	0
1557188	8/12/2023 21:44	8/13/2023 10:00	735	0
1597937	8/12/2023 21:45	8/13/2023 10:00	734	0
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456084	8/12/2023 21:52	8/13/2023 10:00	727	0
872542	8/12/2023 21:53	8/13/2023 10:00	726	0
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1431752	8/12/2023 21:59	8/13/2023 10:00	720	0
324045	8/12/2023 21:59	8/13/2023 10:00	720	0
1251782	8/12/2023 22:00	8/13/2023 10:00	719	0
1985687	8/12/2023 22:00	8/13/2023 10:00	719	0
345647	8/12/2023 22:00	8/13/2023 10:00	719	0
457729	8/12/2023 22:01	8/13/2023 10:00	718	0
793638	8/12/2023 22:01	8/13/2023 10:00	718	0
1555609	8/12/2023 22:03	8/13/2023 10:00	716	0
378229	8/12/2023 22:04	8/13/2023 10:00	715	0
8621797	8/12/2023 22:07	8/13/2023 10:00	712	0
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346288	8/13/2023 0:28	8/13/2023 10:00	571	0
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265447	8/13/2023 0:28	8/13/2023 10:00	571	0
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1309098	8/13/2023 10:07	8/13/2023 20:08	601	1.16
6733217	8/13/2023 10:12	8/14/2023 0:28	856	0.83
6714863	8/13/2023 10:12	8/14/2023 0:28	856	0.34
1700586	8/13/2023 10:14	8/14/2023 0:28	854	0
997397	8/13/2023 10:19	8/14/2023 0:28	849	0
496500	8/13/2023 10:21	8/14/2023 0:28	847	0.42
2032900	8/13/2023 10:22	8/14/2023 0:28	846	0.51
6961293	8/13/2023 10:23	8/14/2023 0:28	845	0.1
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1387226	8/13/2023 10:27	8/14/2023 0:28	841	0
1406535	8/13/2023 10:28	8/14/2023 0:28	840	1.92
9063373	8/13/2023 10:32	8/14/2023 0:28	836	0
8068454	8/13/2023 10:33	8/14/2023 0:28	835	0
1556246	8/13/2023 10:34	8/14/2023 0:28	834	0
265473	8/13/2023 10:34	8/13/2023 20:33	599	0
1190820	8/13/2023 10:38	8/13/2023 20:38	600	0.91
321310	8/13/2023 10:41	8/14/2023 0:28	827	0
957615	8/13/2023 10:43	8/14/2023 0:28	825	0
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266906	8/13/2023 10:51	8/14/2023 0:28	817	0.57
279780	8/13/2023 10:52	8/14/2023 0:28	816	0.84
1511251	8/13/2023 10:53	8/14/2023 0:28	815	0
1388092	8/13/2023 10:54	8/14/2023 0:28	814	2.09
1320619	8/13/2023 10:54	8/13/2023 13:37	163	0
1301093	8/13/2023 10:56	8/14/2023 0:28	812	0.35
808829	8/13/2023 10:56	8/14/2023 0:28	812	0
583848	8/13/2023 10:58	8/14/2023 0:28	810	0
1557188	8/13/2023 11:01	8/14/2023 0:28	807	0
1518241	8/13/2023 11:01	8/14/2023 0:28	807	0.78
1514004	8/13/2023 11:03	8/14/2023 0:28	805	0.92
500173	8/13/2023 11:04	8/14/2023 0:28	804	3.96
281237	8/13/2023 11:04	8/14/2023 0:37	813	1.8
564518	8/13/2023 11:06	8/14/2023 0:28	802	0
1511264	8/13/2023 11:07	8/14/2023 0:28	801	0.48
1517747	8/13/2023 11:07	8/14/2023 10:00	1372	0
1093833	8/13/2023 11:08	8/14/2023 0:28	800	1.7
656628	8/13/2023 11:08	8/14/2023 0:28	800	0.28
1552154	8/13/2023 11:09	8/14/2023 0:28	799	2.32
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558031	8/13/2023 11:20	8/14/2023 0:28	788	0.12
309961	8/13/2023 11:20	8/14/2023 0:28	788	0.62
280935	8/13/2023 11:21	8/14/2023 0:28	787	0.88
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299676	8/13/2023 11:24	8/14/2023 0:28	784	0
1446785	8/13/2023 11:24	8/14/2023 0:28	784	1.58
658177	8/13/2023 11:25	8/14/2023 0:28	783	0.65
304345	8/13/2023 11:29	8/14/2023 0:28	779	0
8495802	8/13/2023 11:33	8/14/2023 0:28	775	0
587455	8/13/2023 11:33	8/14/2023 0:28	775	0
1546695	8/13/2023 11:35	8/14/2023 0:28	773	0
466549	8/13/2023 11:35	8/14/2023 0:28	773	0.29
1671261	8/13/2023 11:39	8/14/2023 0:28	769	0
8621797	8/13/2023 11:57	8/14/2023 10:00	1322	0
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307661	8/13/2023 12:12	8/14/2023 0:28	736	0.01
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306565	8/13/2023 12:30	8/14/2023 0:28	718	0
663083	8/13/2023 12:55	8/14/2023 10:00	1264	0.04
1320619	8/13/2023 13:37	8/14/2023 10:00	1222	0
1551513	8/13/2023 13:38	8/14/2023 0:28	650	0
1517239	8/13/2023 13:41	8/14/2023 10:00	1218	0
353728	8/13/2023 13:42	8/14/2023 10:00	1217	0
1418916	8/13/2023 13:49	8/14/2023 0:28	639	0
456099	8/13/2023 13:52	8/14/2023 0:28	636	0

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1527731	8/13/2023 14:13	8/13/2023 14:29	16	0.01
1251782	8/13/2023 14:15	8/14/2023 0:28	613	0
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859747	8/13/2023 14:23	8/14/2023 0:28	605	0
800600	8/13/2023 14:25	8/14/2023 0:28	603	0.05
663228	8/13/2023 14:26	8/14/2023 0:28	602	0
8511623	8/13/2023 14:27	8/14/2023 8:43	1096	0
6761269	8/13/2023 14:29	8/14/2023 0:36	607	0
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328570	8/13/2023 14:32	8/14/2023 10:00	1167	0
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330528	8/13/2023 14:34	8/14/2023 0:28	594	0
1557100	8/13/2023 14:36	8/14/2023 0:28	592	0
1553525	8/13/2023 14:38	8/14/2023 0:28	590	0
1321750	8/13/2023 14:39	8/14/2023 10:00	1160	0
791510	8/13/2023 14:40	8/14/2023 0:28	588	0
1393633	8/13/2023 14:43	8/13/2023 22:04	441	0
8734029	8/13/2023 14:43	8/14/2023 0:28	585	0
346288	8/13/2023 14:45	8/14/2023 0:39	594	0
817825	8/13/2023 14:48	8/14/2023 0:28	580	0
274064	8/13/2023 14:48	8/14/2023 0:39	591	0
643072	8/13/2023 14:49	8/14/2023 0:28	579	0
1464949	8/13/2023 14:50	8/14/2023 0:28	578	0
801004	8/13/2023 14:51	8/14/2023 0:28	577	0
1435531	8/13/2023 14:53	8/14/2023 0:28	575	0
1432509	8/13/2023 14:58	8/14/2023 0:28	570	0
872542	8/13/2023 14:59	8/14/2023 0:28	569	0
265447	8/13/2023 15:04	8/14/2023 0:28	564	0.12
793638	8/13/2023 15:08	8/14/2023 0:28	560	0
345647	8/13/2023 15:12	8/14/2023 0:37	565	0
563721	8/13/2023 15:17	8/14/2023 0:28	551	0
5212517	8/13/2023 15:30	8/14/2023 0:28	538	0
8564413	8/13/2023 15:47	8/14/2023 0:28	521	0
854579	8/13/2023 16:50	8/14/2023 0:28	458	0
1309098	8/13/2023 20:08	8/14/2023 9:51	823	0
265473	8/13/2023 20:33	8/14/2023 10:00	806	0
1190820	8/13/2023 20:38	8/14/2023 10:00	801	0
1393633	8/13/2023 22:04	8/14/2023 10:00	715	0
1527886	8/13/2023 22:05	8/14/2023 10:00	714	0
9063373	8/14/2023 0:28	8/14/2023 10:00	571	0
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587455	8/14/2023 0:28	8/14/2023 10:00	571	0
1431752	8/14/2023 0:28	8/14/2023 10:00	571	0
299676	8/14/2023 0:28	8/14/2023 10:00	571	0
772378	8/14/2023 0:28	8/14/2023 10:00	571	0

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1446785	8/14/2023 0:28	8/14/2023 10:00	571	0
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1671261	8/14/2023 0:28	8/14/2023 10:00	571	0
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2032900	8/14/2023 0:28	8/14/2023 10:00	571	0
466549	8/14/2023 0:28	8/14/2023 10:00	571	0
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324045	8/14/2023 0:28	8/14/2023 10:00	571	0
1553525	8/14/2023 0:28	8/14/2023 10:00	571	0
321310	8/14/2023 0:28	8/14/2023 10:00	571	0
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1985687	8/14/2023 0:28	8/14/2023 10:00	571	0
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808829	8/14/2023 0:28	8/14/2023 10:00	571	0
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6714863	8/14/2023 0:28	8/14/2023 10:00	571	0
1388092	8/14/2023 0:28	8/14/2023 10:00	571	0
1527935	8/14/2023 0:28	8/14/2023 10:00	571	0
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564518	8/14/2023 0:28	8/14/2023 10:00	571	0
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280935	8/14/2023 0:28	8/14/2023 10:00	571	0
663228	8/14/2023 0:28	8/14/2023 10:00	571	0
456048	8/14/2023 0:28	8/14/2023 10:00	571	0
8734029	8/14/2023 0:28	8/14/2023 10:00	571	0
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626600	8/14/2023 0:28	8/14/2023 8:36	488	0
6961293	8/14/2023 0:28	8/14/2023 10:00	571	0
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266906	8/14/2023 0:28	8/14/2023 10:00	571	0
304345	8/14/2023 0:28	8/14/2023 10:00	571	0
1546695	8/14/2023 0:28	8/14/2023 10:00	571	0
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1700586	8/14/2023 0:28	8/14/2023 10:00	571	0
954637	8/14/2023 0:28	8/14/2023 10:00	571	0

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1556919	8/14/2023 0:28	8/14/2023 10:00	571	0
99902	8/14/2023 0:28	8/14/2023 10:00	571	0
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872542	8/14/2023 0:28	8/14/2023 10:00	571	0
997397	8/14/2023 0:28	8/14/2023 10:00	571	0
1093833	8/14/2023 0:28	8/14/2023 10:00	571	0
306565	8/14/2023 0:28	8/14/2023 10:00	571	0
1251782	8/14/2023 0:28	8/14/2023 10:00	571	0
817825	8/14/2023 0:28	8/14/2023 10:00	571	0
800600	8/14/2023 0:28	8/14/2023 10:00	571	0
8068454	8/14/2023 0:28	8/14/2023 10:00	571	0
1432509	8/14/2023 0:28	8/14/2023 10:00	571	0
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658177	8/14/2023 0:28	8/14/2023 10:00	571	0
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1301093	8/14/2023 0:28	8/14/2023 10:00	571	0
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563721	8/14/2023 0:28	8/14/2023 10:00	571	0
6761269	8/14/2023 0:36	8/14/2023 9:58	562	0
281237	8/14/2023 0:37	8/14/2023 10:00	562	0
345647	8/14/2023 0:37	8/14/2023 10:00	562	0
346288	8/14/2023 0:39	8/14/2023 10:00	560	0
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324290	8/14/2023 9:53	8/14/2023 10:00	6	0
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6761269	8/14/2023 9:58	8/14/2023 10:00	1	0
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637185	8/14/2023 10:00	8/15/2023 10:00	1439	0
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325050	8/14/2023 10:08	8/14/2023 20:07	599	0
957615	8/14/2023 10:12	8/14/2023 20:14	602	0
1700586	8/14/2023 10:13	8/14/2023 20:12	599	0.28
980398	8/14/2023 10:14	8/14/2023 20:15	601	0
7533405	8/14/2023 10:15	8/14/2023 19:40	565	0
47169	8/14/2023 10:15	8/14/2023 20:17	602	0
309944	8/14/2023 10:18	8/14/2023 20:18	600	0
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324045	8/14/2023 10:23	8/14/2023 20:21	598	0
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1299402	8/14/2023 10:24	8/14/2023 20:26	602	0.18

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7937779	8/14/2023 10:31	8/14/2023 20:29	598	0
1430553	8/14/2023 10:31	8/14/2023 20:33	602	0.41
572882	8/14/2023 10:34	8/15/2023 0:28	834	0.17
1368745	8/14/2023 10:35	8/14/2023 20:32	597	0
793690	8/14/2023 10:37	8/15/2023 0:28	831	0.21
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496500	8/14/2023 10:38	8/15/2023 0:28	830	0
507365	8/14/2023 10:39	8/14/2023 20:36	597	0
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587455	8/14/2023 10:46	8/15/2023 0:28	822	0
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658177	8/14/2023 10:55	8/14/2023 20:54	599	0
790670	8/14/2023 10:56	8/14/2023 20:54	598	0.15
346288	8/14/2023 10:57	8/14/2023 20:55	598	0
394702	8/14/2023 10:57	8/15/2023 10:00	1382	0
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564518	8/14/2023 11:07	8/15/2023 0:28	801	0
378229	8/14/2023 11:09	8/15/2023 0:28	799	0.12
1093833	8/14/2023 11:11	8/15/2023 0:28	797	0.59
345647	8/14/2023 11:12	8/14/2023 21:12	600	0
309233	8/14/2023 11:16	8/15/2023 10:00	1363	0
265473	8/14/2023 11:19	8/14/2023 21:18	599	0
1704232	8/14/2023 11:19	8/14/2023 21:18	599	0.01
1521914	8/14/2023 11:21	8/15/2023 0:28	787	0
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1681747	8/14/2023 11:22	8/15/2023 0:28	786	0
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1556919	8/14/2023 11:31	8/14/2023 13:32	121	0
6623421	8/14/2023 11:32	8/15/2023 0:28	776	0.04
561672	8/14/2023 11:32	8/15/2023 0:28	776	0.11
265447	8/14/2023 11:34	8/14/2023 21:34	600	0
8668965	8/14/2023 11:36	8/14/2023 21:39	603	0
8068454	8/14/2023 11:37	8/15/2023 0:28	771	0
274064	8/14/2023 11:37	8/14/2023 21:33	596	0
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353651	8/14/2023 11:45	8/15/2023 0:28	763	0
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1362855	8/14/2023 11:56	8/14/2023 21:38	582	0.01

535771	8/14/2023 11:57	8/15/2023 10:00	1322	0
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580808	8/14/2023 12:24	8/15/2023 0:28	724	0
1321605	8/14/2023 12:26	8/14/2023 21:25	539	0.01
6503956	8/14/2023 12:36	8/15/2023 10:00	1283	0
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810130	8/14/2023 12:40	8/14/2023 21:44	544	0
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1556602	8/14/2023 13:04	8/14/2023 21:39	515	0
808829	8/14/2023 13:25	8/14/2023 21:59	514	0
1556919	8/14/2023 13:32	8/14/2023 21:07	455	0
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1985687	8/14/2023 13:46	8/15/2023 0:28	642	0
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800600	8/14/2023 14:23	8/14/2023 21:55	452	0
1076617	8/14/2023 14:33	8/14/2023 15:52	79	0
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801004	8/14/2023 14:38	8/14/2023 21:59	441	0
1671261	8/14/2023 14:40	8/15/2023 0:28	588	0
1503507	8/14/2023 14:44	8/14/2023 22:10	446	0
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308032	8/14/2023 14:51	8/15/2023 0:28	577	0
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1251782	8/14/2023 15:03	8/15/2023 0:28	565	0
2032900	8/14/2023 15:09	8/14/2023 21:27	378	0
312766	8/14/2023 15:09	8/15/2023 0:28	559	0
316997	8/14/2023 15:11	8/15/2023 0:28	557	0
563721	8/14/2023 15:15	8/14/2023 21:44	389	0
1388092	8/14/2023 15:25	8/14/2023 21:59	394	0
315509	8/14/2023 15:26	8/14/2023 22:05	399	0
815789	8/14/2023 15:27	8/15/2023 0:28	541	0
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1443586	8/14/2023 15:40	8/15/2023 0:28	528	0
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1076617	8/14/2023 15:52	8/14/2023 21:54	362	0
315708	8/14/2023 15:54	8/15/2023 0:28	514	0
663228	8/14/2023 16:13	8/15/2023 10:00	1066	0
457729	8/14/2023 16:33	8/15/2023 0:28	475	0
9063373	8/14/2023 16:34	8/15/2023 0:28	474	0

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957615	8/14/2023 20:14	8/15/2023 10:00	825	0
980398	8/14/2023 20:15	8/15/2023 9:49	814	0
47169	8/14/2023 20:17	8/15/2023 10:00	822	0
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581074	8/14/2023 20:19	8/15/2023 10:00	820	0
324045	8/14/2023 20:21	8/15/2023 10:00	818	0
6714863	8/14/2023 20:23	8/15/2023 10:00	816	0
656628	8/14/2023 20:24	8/15/2023 10:00	815	0
1190820	8/14/2023 20:26	8/15/2023 10:00	813	0
1299402	8/14/2023 20:26	8/15/2023 10:00	813	0
7937779	8/14/2023 20:29	8/15/2023 10:00	810	0
49209	8/14/2023 20:31	8/15/2023 10:00	808	0
1368745	8/14/2023 20:32	8/15/2023 9:46	794	0
1430553	8/14/2023 20:33	8/15/2023 9:51	798	0
507365	8/14/2023 20:36	8/15/2023 10:00	803	0
1520371	8/14/2023 20:37	8/15/2023 10:00	802	0
307661	8/14/2023 20:42	8/15/2023 10:00	797	0
8495802	8/14/2023 20:45	8/15/2023 10:00	794	0
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315088	8/14/2023 20:52	8/15/2023 9:52	780	0
790670	8/14/2023 20:54	8/15/2023 10:00	785	0
658177	8/14/2023 20:54	8/15/2023 10:00	785	0
346288	8/14/2023 20:55	8/15/2023 10:00	784	0
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265473	8/14/2023 21:18	8/15/2023 10:00	761	0
1321605	8/14/2023 21:25	8/15/2023 10:00	754	0
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274064	8/14/2023 21:33	8/15/2023 10:00	746	0
265447	8/14/2023 21:34	8/15/2023 10:00	745	0
1553525	8/14/2023 21:38	8/15/2023 10:00	741	0
1362855	8/14/2023 21:38	8/15/2023 9:38	720	0
8668965	8/14/2023 21:39	8/15/2023 10:00	740	0

1556602	8/14/2023 21:39	8/15/2023 10:00	740	0
1514004	8/14/2023 21:39	8/15/2023 10:00	740	0
810130	8/14/2023 21:44	8/15/2023 10:00	735	0
563721	8/14/2023 21:44	8/15/2023 10:00	735	0
1515964	8/14/2023 21:49	8/15/2023 10:00	730	0
1444966	8/14/2023 21:49	8/15/2023 10:00	730	0
1522810	8/14/2023 21:49	8/15/2023 10:00	730	0
1076617	8/14/2023 21:54	8/15/2023 10:00	725	0
800600	8/14/2023 21:55	8/15/2023 10:00	724	0
1388092	8/14/2023 21:59	8/15/2023 10:00	720	0
801004	8/14/2023 21:59	8/15/2023 10:00	720	0
808829	8/14/2023 21:59	8/15/2023 10:00	720	0
1376158	8/14/2023 21:59	8/15/2023 10:00	720	0
315509	8/14/2023 22:05	8/15/2023 10:00	714	0
1518241	8/14/2023 22:10	8/15/2023 8:05	595	0
1503507	8/14/2023 22:10	8/15/2023 10:00	709	0
1431752	8/15/2023 0:28	8/15/2023 10:00	571	0
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1521914	8/15/2023 0:28	8/15/2023 10:00	571	0
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1093833	8/15/2023 0:28	8/15/2023 10:00	571	0
456099	8/15/2023 0:28	8/15/2023 10:00	571	0
587455	8/15/2023 0:28	8/15/2023 10:00	571	0
308032	8/15/2023 0:28	8/15/2023 10:00	571	0
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1985687	8/15/2023 0:28	8/15/2023 10:00	571	0
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1251782	8/15/2023 0:28	8/15/2023 10:00	571	0
1671261	8/15/2023 0:28	8/15/2023 10:00	571	0
304345	8/15/2023 0:28	8/15/2023 10:00	571	0
316997	8/15/2023 0:28	8/15/2023 10:00	571	0
9063373	8/15/2023 0:28	8/15/2023 10:00	571	0
306565	8/15/2023 0:28	8/15/2023 10:00	571	0
1272457	8/15/2023 0:28	8/15/2023 10:00	571	0
299676	8/15/2023 0:28	8/15/2023 10:00	571	0
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312766	8/15/2023 0:28	8/15/2023 10:00	571	0
392602	8/15/2023 0:28	8/15/2023 10:00	571	0
815789	8/15/2023 0:28	8/15/2023 10:00	571	0
1557188	8/15/2023 0:28	8/15/2023 10:00	571	0
954637	8/15/2023 0:28	8/15/2023 10:00	571	0
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8068454	8/15/2023 0:28	8/15/2023 10:00	571	0
1681747	8/15/2023 0:28	8/15/2023 10:00	571	0
1443586	8/15/2023 0:28	8/15/2023 10:00	571	0
564518	8/15/2023 0:28	8/15/2023 10:00	571	0

378229	8/15/2023 0:28	8/15/2023 10:00	571	0
457729	8/15/2023 0:28	8/15/2023 10:00	571	0
8206792	8/15/2023 0:28	8/15/2023 10:00	571	0
561672	8/15/2023 0:28	8/15/2023 10:00	571	0
572882	8/15/2023 0:28	8/15/2023 10:00	571	0
6623421	8/15/2023 0:28	8/15/2023 9:54	566	0
793690	8/15/2023 0:28	8/15/2023 10:00	571	0
580808	8/15/2023 0:28	8/15/2023 10:00	571	0
1525793	8/15/2023 0:28	8/15/2023 10:00	571	0
281237	8/15/2023 0:28	8/15/2023 10:00	571	0
1518502	8/15/2023 0:28	8/15/2023 10:00	571	0
315484	8/15/2023 0:28	8/15/2023 10:00	571	0
321310	8/15/2023 0:28	8/15/2023 10:00	571	0
315708	8/15/2023 0:28	8/15/2023 10:00	571	0
619266	8/15/2023 0:58	8/15/2023 10:00	541	0
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275018	8/15/2023 9:35	8/15/2023 10:00	24	0
309961	8/15/2023 9:35	8/15/2023 10:00	24	0
325050	8/15/2023 9:36	8/15/2023 10:00	23	0
317233	8/15/2023 9:36	8/15/2023 10:00	23	0.04
1362855	8/15/2023 9:38	8/15/2023 10:00	21	0
1573666	8/15/2023 9:38	8/15/2023 10:00	21	0
1368745	8/15/2023 9:46	8/15/2023 10:00	13	0
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980398	8/15/2023 9:49	8/15/2023 10:00	10	0
1390184	8/15/2023 9:50	8/15/2023 10:00	9	0
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315088	8/15/2023 9:52	8/15/2023 10:00	7	0
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315345	8/15/2023 10:09	8/15/2023 20:08	599	1.22
1432509	8/15/2023 10:10	8/16/2023 0:28	858	0
301691	8/15/2023 10:12	8/15/2023 20:40	628	0
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6714863	8/15/2023 10:25	8/15/2023 20:23	598	0
1190820	8/15/2023 10:26	8/15/2023 20:27	601	0
49209	8/15/2023 10:30	8/15/2023 20:33	603	0
619266	8/15/2023 10:33	8/15/2023 20:37	604	0.1
274064	8/15/2023 10:34	8/15/2023 20:42	608	0.21
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304345	8/15/2023 10:38	8/15/2023 20:37	599	0
324045	8/15/2023 10:39	8/15/2023 20:37	598	0
346288	8/15/2023 10:40	8/16/2023 0:28	828	0
1299402	8/15/2023 10:42	8/16/2023 0:28	826	0.2
583848	8/15/2023 10:45	8/15/2023 20:43	598	0
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309233	8/15/2023 10:47	8/16/2023 10:00	1392	0
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345647	8/15/2023 10:55	8/15/2023 20:55	600	0
1301093	8/15/2023 10:58	8/15/2023 20:57	599	0.11
954637	8/15/2023 11:01	8/15/2023 20:59	598	0

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328408	8/15/2023 11:05	8/15/2023 21:04	599	0.51
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1498622	8/15/2023 11:42	8/16/2023 0:28	766	0
1586005	8/15/2023 11:43	8/15/2023 21:41	598	0
381982	8/15/2023 11:44	8/15/2023 21:42	598	0
587455	8/15/2023 11:45	8/15/2023 21:44	599	0
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1556246	8/15/2023 12:05	8/16/2023 0:28	743	0
1321605	8/15/2023 12:07	8/16/2023 0:28	741	0.01
7533405	8/15/2023 12:07	8/16/2023 10:00	1312	0
810130	8/15/2023 12:10	8/16/2023 0:28	738	0
8621797	8/15/2023 12:11	8/15/2023 22:09	598	0
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9993140	8/15/2023 14:22	8/16/2023 0:28	606	0
315484	8/15/2023 14:22	8/15/2023 22:09	467	0
1556919	8/15/2023 14:22	8/16/2023 0:28	606	0.16
5212517	8/15/2023 14:24	8/15/2023 22:09	465	0
801004	8/15/2023 14:24	8/16/2023 0:28	604	0
1403562	8/15/2023 14:27	8/16/2023 0:28	601	0
813658	8/15/2023 14:28	8/16/2023 0:28	600	0
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265447	8/15/2023 14:35	8/16/2023 0:28	593	0.05
854579	8/15/2023 14:35	8/15/2023 22:06	451	0
312766	8/15/2023 14:36	8/15/2023 22:07	451	0.01
281456	8/15/2023 14:36	8/15/2023 22:02	446	0
1671261	8/15/2023 14:41	8/15/2023 22:18	457	0
330528	8/15/2023 14:47	8/15/2023 21:47	420	0
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121748	8/15/2023 14:52	8/15/2023 22:08	436	0
572882	8/15/2023 14:52	8/15/2023 22:18	446	0.27
500173	8/15/2023 14:53	8/15/2023 22:03	430	0.47
281237	8/15/2023 15:02	8/15/2023 22:07	425	0
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1343091	8/15/2023 15:37	8/16/2023 0:28	531	0
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8972545	8/15/2023 15:51	8/16/2023 0:28	517	0
572916	8/15/2023 15:52	8/15/2023 22:16	384	0
793638	8/15/2023 15:54	8/15/2023 22:09	375	0
584640	8/15/2023 16:00	8/15/2023 22:17	377	0
299676	8/15/2023 16:03	8/15/2023 22:08	365	0
663228	8/15/2023 16:09	8/16/2023 0:28	499	0
304265	8/15/2023 16:26	8/16/2023 0:28	482	0
1557188	8/15/2023 16:33	8/15/2023 22:04	331	0
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1553245	8/15/2023 20:03	8/16/2023 10:00	836	0
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324290	8/15/2023 20:07	8/16/2023 8:23	736	0
315345	8/15/2023 20:08	8/16/2023 10:00	831	0
1251782	8/15/2023 20:17	8/16/2023 10:00	822	0
496500	8/15/2023 20:18	8/16/2023 10:00	821	0
265473	8/15/2023 20:18	8/16/2023 10:00	821	0
47169	8/15/2023 20:18	8/16/2023 10:00	821	0
501613	8/15/2023 20:20	8/16/2023 10:00	819	0
6714863	8/15/2023 20:23	8/16/2023 10:00	816	0
1190820	8/15/2023 20:27	8/16/2023 10:00	812	0
49209	8/15/2023 20:33	8/16/2023 10:00	806	0
304345	8/15/2023 20:37	8/16/2023 10:00	802	0
619266	8/15/2023 20:37	8/16/2023 10:00	802	0
324045	8/15/2023 20:37	8/16/2023 10:00	802	0
301691	8/15/2023 20:40	8/16/2023 10:00	799	0
274064	8/15/2023 20:42	8/16/2023 10:00	797	0
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315346	8/15/2023 20:50	8/16/2023 10:00	789	0
345647	8/15/2023 20:55	8/16/2023 10:00	784	0

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8495802	8/15/2023 20:59	8/16/2023 10:00	780	0
954637	8/15/2023 20:59	8/16/2023 10:00	780	0
328408	8/15/2023 21:04	8/16/2023 10:00	775	0
307661	8/15/2023 21:08	8/16/2023 10:00	771	0
1555609	8/15/2023 21:09	8/16/2023 10:00	770	0
793690	8/15/2023 21:11	8/16/2023 10:00	768	0
1681747	8/15/2023 21:22	8/16/2023 10:00	757	0
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1586005	8/15/2023 21:41	8/16/2023 10:00	738	0
381982	8/15/2023 21:42	8/16/2023 9:53	731	0
587455	8/15/2023 21:44	8/16/2023 10:00	735	0
330528	8/15/2023 21:47	8/16/2023 10:00	732	0
985241	8/15/2023 21:54	8/16/2023 10:00	725	0
456099	8/15/2023 22:00	8/16/2023 10:00	719	0
6503956	8/15/2023 22:00	8/16/2023 10:00	719	0
281456	8/15/2023 22:02	8/16/2023 10:00	717	0
500173	8/15/2023 22:03	8/16/2023 10:00	716	0
306565	8/15/2023 22:04	8/16/2023 10:00	715	0
1557188	8/15/2023 22:04	8/16/2023 10:00	715	0
1557303	8/15/2023 22:05	8/16/2023 10:00	714	0
854579	8/15/2023 22:06	8/16/2023 10:00	713	0
312766	8/15/2023 22:07	8/16/2023 10:00	712	0
281237	8/15/2023 22:07	8/16/2023 10:00	712	0
299676	8/15/2023 22:08	8/16/2023 10:00	711	0
121748	8/15/2023 22:08	8/16/2023 10:00	711	0
793638	8/15/2023 22:09	8/16/2023 10:00	710	0
315484	8/15/2023 22:09	8/16/2023 10:00	710	0
8621797	8/15/2023 22:09	8/16/2023 10:00	710	0
5212517	8/15/2023 22:09	8/16/2023 10:00	710	0
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6992958	8/15/2023 22:10	8/16/2023 10:00	709	0
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1985687	8/15/2023 22:14	8/16/2023 10:00	705	0
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1525793	8/15/2023 22:18	8/16/2023 10:00	701	0
572882	8/15/2023 22:18	8/16/2023 10:00	701	0
1671261	8/15/2023 22:18	8/16/2023 10:00	701	0
353728	8/15/2023 22:54	8/16/2023 10:00	665	0
1700586	8/16/2023 0:28	8/16/2023 10:00	571	0
1321605	8/16/2023 0:28	8/16/2023 10:00	571	0
658177	8/16/2023 0:28	8/16/2023 10:00	571	0
1553525	8/16/2023 0:28	8/16/2023 10:00	571	0
1551513	8/16/2023 0:28	8/16/2023 9:50	562	0
813658	8/16/2023 0:28	8/16/2023 10:00	571	0

808829	8/16/2023 0:28	8/16/2023 10:00	571	0
1556919	8/16/2023 0:28	8/16/2023 9:53	565	0
1511735	8/16/2023 0:28	8/16/2023 10:00	571	0
563721	8/16/2023 0:28	8/16/2023 10:00	571	0
663228	8/16/2023 0:28	8/16/2023 10:00	571	0
2032900	8/16/2023 0:28	8/16/2023 10:00	571	0
772378	8/16/2023 0:28	8/16/2023 10:00	571	0
1557100	8/16/2023 0:28	8/16/2023 10:00	571	0
1546695	8/16/2023 0:28	8/16/2023 10:00	571	0
790670	8/16/2023 0:28	8/16/2023 10:00	571	0
1556246	8/16/2023 0:28	8/16/2023 10:00	571	0
1299402	8/16/2023 0:28	8/16/2023 10:00	571	0
1503507	8/16/2023 0:28	8/16/2023 10:00	571	0
1076617	8/16/2023 0:28	8/16/2023 10:00	571	0
801004	8/16/2023 0:28	8/16/2023 10:00	571	0
810130	8/16/2023 0:28	8/16/2023 10:00	571	0
304265	8/16/2023 0:28	8/16/2023 10:00	571	0
957615	8/16/2023 0:28	8/16/2023 10:00	571	0
800600	8/16/2023 0:28	8/16/2023 10:00	571	0
8972545	8/16/2023 0:28	8/16/2023 10:00	571	0
8734029	8/16/2023 0:28	8/16/2023 10:00	571	0
1514004	8/16/2023 0:28	8/16/2023 10:00	571	0
1515964	8/16/2023 0:28	8/16/2023 10:00	571	0
1704232	8/16/2023 0:28	8/16/2023 10:00	571	0
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656628	8/16/2023 0:28	8/16/2023 10:00	571	0
1498622	8/16/2023 0:28	8/16/2023 10:00	571	0
1403562	8/16/2023 0:28	8/16/2023 10:00	571	0
265447	8/16/2023 0:28	8/16/2023 10:00	571	0
346288	8/16/2023 0:28	8/16/2023 10:00	571	0
9993140	8/16/2023 0:28	8/16/2023 10:00	571	0
1320008	8/16/2023 0:28	8/16/2023 10:00	571	0
1343091	8/16/2023 0:28	8/16/2023 10:00	571	0
266906	8/16/2023 1:21	8/16/2023 10:00	518	0
5873632	8/16/2023 5:54	8/16/2023 10:00	245	0
693795	8/16/2023 6:44	8/16/2023 10:00	195	0
51483	8/16/2023 8:18	8/16/2023 10:00	101	0
324290	8/16/2023 8:23	8/16/2023 10:00	96	0
558031	8/16/2023 8:23	8/16/2023 10:00	96	0
24124	8/16/2023 8:29	8/16/2023 10:00	90	0
8950281	8/16/2023 8:30	8/16/2023 10:00	89	0
8511623	8/16/2023 8:42	8/16/2023 10:00	77	0
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8104722	8/16/2023 9:39	8/16/2023 10:00	20	0
561757	8/16/2023 9:40	8/16/2023 10:00	19	0
1406535	8/16/2023 9:42	8/16/2023 10:00	17	0

1624452	8/16/2023 9:45	8/16/2023 10:00	14	0
1390184	8/16/2023 9:46	8/16/2023 10:00	13	0
1368745	8/16/2023 9:48	8/16/2023 10:00	11	0
1430553	8/16/2023 9:49	8/16/2023 10:00	10	0
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315088	8/16/2023 9:52	8/16/2023 10:00	7	0
381982	8/16/2023 9:53	8/16/2023 10:00	6	0
1556919	8/16/2023 9:53	8/16/2023 10:00	6	0
1527695	8/16/2023 9:53	8/16/2023 10:00	6	0
1356945	8/16/2023 9:54	8/16/2023 10:00	5	0
1309098	8/16/2023 9:54	8/16/2023 10:00	5	0
6761269	8/16/2023 9:57	8/16/2023 10:00	2	0
1573666	8/16/2023 9:59	8/16/2023 10:00	0	0
6623421	8/16/2023 9:59	8/16/2023 10:00	0	0
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988262	8/16/2023 10:00	8/17/2023 10:00	1439	0
705447	8/16/2023 10:00	8/17/2023 10:00	1439	0
564357	8/16/2023 10:00	8/17/2023 10:00	1439	0.01
637185	8/16/2023 10:00	8/17/2023 10:00	1439	0
535771	8/16/2023 10:00	8/17/2023 10:00	1439	0
46184	8/16/2023 10:00	8/17/2023 10:00	1439	0
872542	8/16/2023 10:00	8/17/2023 10:00	1439	0
264186	8/16/2023 10:00	8/17/2023 10:00	1439	0
1077082	8/16/2023 10:00	8/17/2023 10:00	1439	0
325050	8/16/2023 10:06	8/16/2023 20:05	599	0
1362855	8/16/2023 10:07	8/16/2023 20:07	600	0.97
1552154	8/16/2023 10:10	8/16/2023 20:05	595	1.28
317233	8/16/2023 10:11	8/16/2023 20:12	601	0.2
1299402	8/16/2023 10:11	8/16/2023 20:13	602	0.04
8734029	8/16/2023 10:12	8/16/2023 20:13	601	0
1576533	8/16/2023 10:15	8/16/2023 20:12	597	1.36
772378	8/16/2023 10:19	8/16/2023 20:21	602	0
265473	8/16/2023 10:19	8/16/2023 20:17	598	0
309233	8/16/2023 10:20	8/16/2023 20:20	600	0.08
1190820	8/16/2023 10:24	8/16/2023 20:26	602	0.65
6714863	8/16/2023 10:26	8/17/2023 0:28	842	0.36
954637	8/16/2023 10:28	8/17/2023 0:28	840	0.26
8621797	8/16/2023 10:29	8/17/2023 1:01	872	0
1514004	8/16/2023 10:29	8/16/2023 21:16	647	0.49
997397	8/16/2023 10:30	8/17/2023 0:28	838	0
507365	8/16/2023 10:35	8/16/2023 20:38	603	0
1681747	8/16/2023 10:39	8/17/2023 0:28	829	0.06
810130	8/16/2023 10:39	8/16/2023 20:42	603	0
1700586	8/16/2023 10:42	8/16/2023 20:43	601	0
28451	8/16/2023 10:44	8/17/2023 10:00	1395	0
346288	8/16/2023 10:44	8/16/2023 20:40	596	0.08

5212517	8/16/2023 10:45	8/16/2023 20:48	603	0
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324045	8/16/2023 10:53	8/17/2023 0:28	815	0.13
790670	8/16/2023 10:53	8/16/2023 20:56	603	0.1
1511251	8/16/2023 10:55	8/16/2023 20:52	597	0
315345	8/16/2023 10:55	8/16/2023 20:56	601	0.31
345647	8/16/2023 10:55	8/17/2023 0:28	813	0
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304345	8/16/2023 11:02	8/17/2023 0:28	806	0
8068454	8/16/2023 11:04	8/17/2023 0:28	804	0
656628	8/16/2023 11:08	8/16/2023 21:08	600	0.5
564518	8/16/2023 11:09	8/17/2023 0:28	799	0
6961293	8/16/2023 11:10	8/17/2023 0:28	798	0.01
793690	8/16/2023 11:12	8/17/2023 0:28	796	1.01
1433697	8/16/2023 11:13	8/16/2023 21:14	601	0.84
7533405	8/16/2023 11:14	8/16/2023 11:46	32	0
500173	8/16/2023 11:21	8/17/2023 0:54	813	3.28
658177	8/16/2023 11:23	8/16/2023 21:27	604	0.73
1321750	8/16/2023 11:23	8/16/2023 21:23	600	2.36
378229	8/16/2023 11:27	8/17/2023 0:51	804	1.06
353728	8/16/2023 11:30	8/17/2023 10:00	1349	0
7937779	8/16/2023 11:31	8/17/2023 0:28	777	0
587455	8/16/2023 11:32	8/16/2023 21:31	599	0
561672	8/16/2023 11:34	8/17/2023 0:28	774	0.22
1586005	8/16/2023 11:38	8/17/2023 0:28	770	0
1320646	8/16/2023 11:38	8/16/2023 21:41	603	0.59
1432509	8/16/2023 11:39	8/17/2023 0:28	769	0
7533405	8/16/2023 11:46	8/17/2023 10:00	1333	0
8766703	8/16/2023 11:46	8/16/2023 21:42	596	0
1557100	8/16/2023 11:49	8/17/2023 0:28	759	0
1321605	8/16/2023 11:56	8/17/2023 0:28	752	0.32
1518241	8/16/2023 12:01	8/16/2023 21:57	596	0.03
8495802	8/16/2023 12:02	8/17/2023 0:28	746	0
456099	8/16/2023 12:05	8/16/2023 22:05	600	0
323747	8/16/2023 12:07	8/17/2023 0:28	741	0
1320008	8/16/2023 12:12	8/17/2023 9:41	1289	0
330528	8/16/2023 12:17	8/17/2023 0:28	731	0
1556246	8/16/2023 12:19	8/17/2023 10:00	1300	0
1985687	8/16/2023 12:27	8/17/2023 0:37	730	0
496500	8/16/2023 13:06	8/17/2023 0:28	682	0
1526024	8/16/2023 13:27	8/17/2023 10:00	1232	0
456084	8/16/2023 13:31	8/17/2023 10:00	1228	0
323657	8/16/2023 13:36	8/17/2023 0:28	652	0.07
952881	8/16/2023 13:44	8/17/2023 10:00	1215	0
1557676	8/16/2023 13:48	8/17/2023 10:00	1211	0
1358945	8/16/2023 13:49	8/16/2023 22:05	496	0

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328570	8/16/2023 14:00	8/17/2023 10:00	1199	0
643072	8/16/2023 14:09	8/16/2023 22:10	481	0
583848	8/16/2023 14:12	8/17/2023 0:28	616	0
957615	8/16/2023 14:13	8/16/2023 22:09	476	0
1251782	8/16/2023 14:16	8/17/2023 0:28	612	0
353651	8/16/2023 14:17	8/17/2023 0:28	611	0
316997	8/16/2023 14:23	8/17/2023 0:28	605	0.54
1553525	8/16/2023 14:39	8/16/2023 22:11	452	0
1093833	8/16/2023 14:40	8/17/2023 0:28	588	0
1362130	8/16/2023 14:40	8/17/2023 10:00	1159	0
8148103	8/16/2023 14:40	8/17/2023 0:28	588	0
663228	8/16/2023 14:41	8/17/2023 0:28	587	0
1388092	8/16/2023 14:41	8/16/2023 22:13	452	0.54
808829	8/16/2023 14:41	8/17/2023 0:28	587	0
817825	8/16/2023 14:47	8/17/2023 0:28	581	0.13
8668965	8/16/2023 14:51	8/17/2023 0:28	577	0
265447	8/16/2023 14:51	8/17/2023 0:28	577	0
328408	8/16/2023 14:52	8/17/2023 0:28	576	0
281456	8/16/2023 14:52	8/17/2023 0:28	576	0
307661	8/16/2023 15:04	8/17/2023 0:59	595	0
281237	8/16/2023 15:05	8/17/2023 0:28	563	0
1556602	8/16/2023 15:25	8/17/2023 0:28	543	0
1361099	8/16/2023 15:31	8/16/2023 22:05	394	0
860281	8/16/2023 15:33	8/17/2023 0:28	535	0
315484	8/16/2023 15:38	8/17/2023 0:28	530	0
815789	8/16/2023 15:40	8/17/2023 0:28	528	0
8564413	8/16/2023 15:43	8/17/2023 0:28	525	0
1503507	8/16/2023 15:44	8/16/2023 22:13	389	0
1557303	8/16/2023 15:49	8/17/2023 0:28	519	0
160073	8/16/2023 15:58	8/17/2023 0:28	510	0
1076617	8/16/2023 16:34	8/17/2023 0:29	475	0
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325050	8/16/2023 20:05	8/17/2023 9:54	829	0
1552154	8/16/2023 20:05	8/17/2023 9:53	828	0
1362855	8/16/2023 20:07	8/17/2023 9:36	809	0
1576533	8/16/2023 20:12	8/17/2023 10:00	827	0
317233	8/16/2023 20:12	8/17/2023 9:41	809	0
8734029	8/16/2023 20:13	8/17/2023 10:00	826	0
1299402	8/16/2023 20:13	8/17/2023 10:00	826	0
265473	8/16/2023 20:17	8/17/2023 10:00	822	0
309233	8/16/2023 20:20	8/17/2023 10:00	819	0
772378	8/16/2023 20:21	8/17/2023 10:00	818	0
1190820	8/16/2023 20:26	8/17/2023 10:00	813	0
507365	8/16/2023 20:38	8/17/2023 10:00	801	0
346288	8/16/2023 20:40	8/17/2023 10:00	799	0

810130	8/16/2023 20:42	8/17/2023 10:00	797	0
1700586	8/16/2023 20:43	8/17/2023 10:00	796	0
266906	8/16/2023 20:47	8/17/2023 10:00	792	0
5212517	8/16/2023 20:48	8/17/2023 10:00	791	0
1511251	8/16/2023 20:52	8/17/2023 10:00	787	0
1320619	8/16/2023 20:54	8/17/2023 10:00	785	0
315345	8/16/2023 20:56	8/17/2023 10:00	783	0
790670	8/16/2023 20:56	8/17/2023 10:00	783	0
656628	8/16/2023 21:08	8/17/2023 10:00	771	0
1433697	8/16/2023 21:14	8/16/2023 21:29	15	0
1514004	8/16/2023 21:16	8/17/2023 10:00	763	0
1321750	8/16/2023 21:23	8/17/2023 10:00	756	0
658177	8/16/2023 21:27	8/17/2023 10:00	752	0
1433697	8/16/2023 21:29	8/16/2023 22:14	45	0
587455	8/16/2023 21:31	8/17/2023 10:00	748	0
1320646	8/16/2023 21:41	8/17/2023 10:00	738	0
8766703	8/16/2023 21:42	8/17/2023 10:00	737	0
1518241	8/16/2023 21:57	8/17/2023 9:42	705	0
456099	8/16/2023 22:05	8/17/2023 10:00	714	0
1361099	8/16/2023 22:05	8/17/2023 10:00	714	0
1358945	8/16/2023 22:05	8/17/2023 10:00	714	0
957615	8/16/2023 22:09	8/17/2023 10:00	710	0
643072	8/16/2023 22:10	8/17/2023 10:00	709	0
1553525	8/16/2023 22:11	8/17/2023 10:00	708	0
1390184	8/16/2023 22:12	8/17/2023 9:50	698	0
1503507	8/16/2023 22:13	8/17/2023 10:00	706	0
1388092	8/16/2023 22:13	8/17/2023 10:00	706	0
1433697	8/16/2023 22:14	8/17/2023 10:00	705.2	0
564518	8/17/2023 0:28	8/17/2023 10:00	571	0
6714863	8/17/2023 0:28	8/17/2023 10:00	571	0
6961293	8/17/2023 0:28	8/17/2023 10:00	571	0
323747	8/17/2023 0:28	8/17/2023 10:00	571	0
323657	8/17/2023 0:28	8/17/2023 10:00	571	0
8564413	8/17/2023 0:28	8/17/2023 10:00	571	0
328408	8/17/2023 0:28	8/17/2023 10:00	571	0
815789	8/17/2023 0:28	8/17/2023 10:00	571	0
793690	8/17/2023 0:28	8/17/2023 10:00	571	0
1432509	8/17/2023 0:28	8/17/2023 10:00	571	0
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496500	8/17/2023 0:28	8/17/2023 10:00	571	0
1557100	8/17/2023 0:28	8/17/2023 10:00	571	0
1093833	8/17/2023 0:28	8/17/2023 10:00	571	0
1681747	8/17/2023 0:28	8/17/2023 10:00	571	0
304345	8/17/2023 0:28	8/17/2023 10:00	571	0
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160073	8/17/2023 0:28	8/17/2023 10:00	571	0

8148103	8/17/2023 0:28	8/17/2023 10:00	571	0
8668965	8/17/2023 0:28	8/17/2023 10:00	571	0
7937779	8/17/2023 0:28	8/17/2023 10:00	571	0
330528	8/17/2023 0:28	8/17/2023 10:00	571	0
1557303	8/17/2023 0:28	8/17/2023 10:00	571	0
265447	8/17/2023 0:28	8/17/2023 10:00	571	0
583848	8/17/2023 0:28	8/17/2023 10:00	571	0
561672	8/17/2023 0:28	8/17/2023 10:00	571	0
954637	8/17/2023 0:28	8/17/2023 10:00	571	0
1321605	8/17/2023 0:28	8/17/2023 9:22	534	0
353651	8/17/2023 0:28	8/17/2023 10:00	571	0
8068454	8/17/2023 0:28	8/17/2023 10:00	571	0
316997	8/17/2023 0:28	8/17/2023 10:00	571	0
1251782	8/17/2023 0:28	8/17/2023 10:00	571	0
860281	8/17/2023 0:28	8/17/2023 10:00	571	0
345647	8/17/2023 0:28	8/17/2023 10:00	571	0
808829	8/17/2023 0:28	8/17/2023 10:00	571	0
456048	8/17/2023 0:28	8/17/2023 8:04	456	0
324045	8/17/2023 0:28	8/17/2023 10:00	571	0
663228	8/17/2023 0:28	8/17/2023 10:00	571	0
281237	8/17/2023 0:28	8/17/2023 10:00	571	0
997397	8/17/2023 0:28	8/17/2023 10:00	571	0
281456	8/17/2023 0:28	8/17/2023 10:00	571	0
8495802	8/17/2023 0:28	8/17/2023 10:00	571	0
315484	8/17/2023 0:28	8/17/2023 10:00	571	0
1556602	8/17/2023 0:28	8/17/2023 10:00	571	0
1586005	8/17/2023 0:28	8/17/2023 10:00	571	0
1076617	8/17/2023 0:29	8/17/2023 10:00	570	0
1985687	8/17/2023 0:37	8/17/2023 10:00	562	0
378229	8/17/2023 0:51	8/17/2023 10:00	548	0
500173	8/17/2023 0:54	8/17/2023 10:00	545	0
307661	8/17/2023 0:59	8/17/2023 10:00	540	0
8621797	8/17/2023 1:01	8/17/2023 10:00	538	0
1406535	8/17/2023 7:57	8/17/2023 10:00	122	0
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980398	8/17/2023 9:15	8/17/2023 10:00	44	0
1321605	8/17/2023 9:22	8/17/2023 10:00	37	0
8104722	8/17/2023 9:23	8/17/2023 10:00	36	0
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1362855	8/17/2023 9:36	8/17/2023 10:00	23	0
561757	8/17/2023 9:36	8/17/2023 10:00	23	0
317233	8/17/2023 9:41	8/17/2023 10:00	18	0
1320008	8/17/2023 9:41	8/17/2023 10:00	18	0
1518241	8/17/2023 9:42	8/17/2023 10:00	17	0
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1368745	8/17/2023 9:47	8/17/2023 10:00	12	0
1390184	8/17/2023 9:50	8/17/2023 10:00	9	0
1309098	8/17/2023 9:52	8/17/2023 10:00	7	0
1356945	8/17/2023 9:52	8/17/2023 10:00	7	0
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325050	8/17/2023 9:54	8/17/2023 10:00	5	0
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315088	8/17/2023 9:56	8/17/2023 10:00	3	0
6761269	8/17/2023 9:59	8/17/2023 10:00	0	0
564357	8/17/2023 10:00	8/18/2023 10:00	1439	0
46184	8/17/2023 10:00	8/18/2023 10:00	1439	0
705447	8/17/2023 10:00	8/18/2023 10:00	1439	0
264186	8/17/2023 10:00	8/18/2023 10:00	1439	0
1308096	8/17/2023 10:00	8/18/2023 10:00	1439	0
265473	8/17/2023 10:00	8/17/2023 20:20	620	0
637185	8/17/2023 10:00	8/18/2023 10:00	1439	0
1093833	8/17/2023 10:00	8/18/2023 0:28	868	0.14
772378	8/17/2023 10:00	8/17/2023 20:06	606	0
872542	8/17/2023 10:00	8/18/2023 10:00	1439	0
316997	8/17/2023 10:08	8/18/2023 0:33	865	0.63
1700586	8/17/2023 10:12	8/17/2023 20:12	600	0.39
810130	8/17/2023 10:12	8/17/2023 20:11	599	0
583848	8/17/2023 10:13	8/18/2023 0:28	855	0.03
7937779	8/17/2023 10:15	8/18/2023 0:28	853	0
1430553	8/17/2023 10:19	8/18/2023 0:28	849	1.08
328570	8/17/2023 10:19	8/18/2023 0:28	849	0
1555609	8/17/2023 10:20	8/18/2023 0:28	848	0.45
1704232	8/17/2023 10:21	8/17/2023 20:19	598	1.43
1190820	8/17/2023 10:22	8/17/2023 20:22	600	0.76
800600	8/17/2023 10:25	8/17/2023 20:23	598	0.58
1299402	8/17/2023 10:28	8/17/2023 20:27	599	0.18
1433697	8/17/2023 10:29	8/17/2023 22:12	703	0
808829	8/17/2023 10:29	8/17/2023 20:28	599	0
7533405	8/17/2023 10:29	8/17/2023 11:37	68	0.05
1514004	8/17/2023 10:30	8/17/2023 14:31	241	0.13
6995795	8/17/2023 10:31	8/18/2023 0:28	837	0.75
561672	8/17/2023 10:33	8/18/2023 0:28	835	0.85
1362130	8/17/2023 10:37	8/17/2023 20:40	603	0
801004	8/17/2023 10:37	8/17/2023 20:40	603	0
658177	8/17/2023 10:38	8/17/2023 20:42	604	0.32

6714863	8/17/2023 10:38	8/18/2023 0:28	830	0.34
2032900	8/17/2023 10:39	8/17/2023 20:41	602	0
507365	8/17/2023 10:39	8/17/2023 20:38	599	0
1546695	8/17/2023 10:40	8/17/2023 20:39	599	0
315345	8/17/2023 10:40	8/17/2023 20:39	599	0.71
8910809	8/17/2023 10:45	8/18/2023 0:28	823	0
997397	8/17/2023 10:47	8/17/2023 20:46	599	0
1552836	8/17/2023 10:50	8/18/2023 0:28	818	0.2
8668965	8/17/2023 10:52	8/18/2023 0:28	816	0.15
323747	8/17/2023 10:52	8/18/2023 0:28	816	0
315346	8/17/2023 10:53	8/18/2023 10:00	1386	0.08
496500	8/17/2023 10:53	8/18/2023 0:28	815	0.06
790670	8/17/2023 10:54	8/17/2023 20:52	598	0
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324290	8/17/2023 11:09	8/18/2023 0:28	799	0.05
1681747	8/17/2023 11:09	8/18/2023 0:28	799	0.09
1320646	8/17/2023 11:10	8/17/2023 21:09	599	0.54
656628	8/17/2023 11:10	8/18/2023 0:28	798	0.52
1301093	8/17/2023 11:12	8/18/2023 0:28	796	0.63
1435093	8/17/2023 11:13	8/17/2023 21:11	598	0
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1553525	8/17/2023 11:23	8/17/2023 21:22	599	0
793690	8/17/2023 11:23	8/18/2023 0:28	785	0.78
6623421	8/17/2023 11:25	8/18/2023 0:28	783	0.14
1320619	8/17/2023 11:26	8/17/2023 19:47	501	0
346288	8/17/2023 11:26	8/18/2023 0:39	793	0.24
954637	8/17/2023 11:28	8/18/2023 0:28	780	0.25
7533405	8/17/2023 11:37	8/18/2023 10:00	1342	0
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1576533	8/17/2023 11:45	8/18/2023 0:28	763	0.35
6168330	8/17/2023 11:48	8/18/2023 10:00	1331	0
1270983	8/17/2023 11:51	8/18/2023 10:00	1328	0
572882	8/17/2023 11:52	8/17/2023 21:51	599	0.34
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323657	8/17/2023 12:08	8/18/2023 0:28	740	0.01
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854579	8/17/2023 13:20	8/17/2023 21:55	515	0

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1417138	8/17/2023 13:35	8/18/2023 0:28	653	0
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6992958	8/17/2023 14:07	8/17/2023 14:23	16	0
8621797	8/17/2023 14:10	8/17/2023 15:18	68	0
378229	8/17/2023 14:13	8/18/2023 0:28	615	0
957615	8/17/2023 14:14	8/17/2023 22:01	467	0
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1251782	8/17/2023 14:17	8/18/2023 0:28	611	0
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456099	8/17/2023 14:19	8/17/2023 22:08	469	0.01
1557303	8/17/2023 14:20	8/18/2023 0:28	608	0.01
6992958	8/17/2023 14:23	8/18/2023 0:28	605	0
663228	8/17/2023 14:23	8/18/2023 0:28	605	0
817825	8/17/2023 14:31	8/18/2023 0:28	597	0
1514004	8/17/2023 14:31	8/18/2023 0:28	597	0.07
1600016	8/17/2023 14:31	8/18/2023 0:28	597	0
457729	8/17/2023 14:32	8/18/2023 0:28	596	0
1511251	8/17/2023 14:37	8/18/2023 0:28	591	0
324045	8/17/2023 14:38	8/18/2023 0:28	590	0.06
9993140	8/17/2023 14:38	8/18/2023 0:28	590	0
1432509	8/17/2023 14:41	8/18/2023 0:28	587	0
793638	8/17/2023 14:42	8/17/2023 21:52	430	0.01
5212517	8/17/2023 14:45	8/17/2023 22:06	441	0.13
1557188	8/17/2023 14:47	8/17/2023 21:58	431	0
1076617	8/17/2023 14:48	8/18/2023 0:28	580	0
1511264	8/17/2023 14:51	8/18/2023 0:28	577	0.12
813658	8/17/2023 14:57	8/18/2023 0:28	571	0
1556919	8/17/2023 15:04	8/17/2023 16:02	58	0
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563721	8/17/2023 15:16	8/18/2023 0:28	552	0
6733217	8/17/2023 15:17	8/18/2023 0:28	551	0.01
8621797	8/17/2023 15:18	8/18/2023 0:28	550	0
274064	8/17/2023 15:19	8/17/2023 22:32	433	0
611270	8/17/2023 15:26	8/18/2023 0:28	542	0
8564413	8/17/2023 15:27	8/18/2023 0:28	541	0
307661	8/17/2023 15:30	8/18/2023 0:28	538	0.06
1503507	8/17/2023 15:42	8/17/2023 22:06	384	0

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1556919	8/17/2023 16:02	8/18/2023 0:28	506	0
304265	8/17/2023 16:13	8/17/2023 22:10	357	0
859747	8/17/2023 16:37	8/18/2023 0:28	471	0
1272457	8/17/2023 16:48	8/18/2023 0:28	460	0
9063373	8/17/2023 16:52	8/18/2023 0:28	456	0
306565	8/17/2023 16:59	8/18/2023 0:28	449	0
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1704232	8/17/2023 20:19	8/18/2023 10:00	820	0
265473	8/17/2023 20:20	8/18/2023 10:00	819	0
1190820	8/17/2023 20:22	8/18/2023 10:00	817	0
800600	8/17/2023 20:23	8/18/2023 10:00	816	0
1299402	8/17/2023 20:27	8/18/2023 10:00	812	0
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507365	8/17/2023 20:38	8/18/2023 10:00	801	0
1546695	8/17/2023 20:39	8/18/2023 10:00	800	0
315345	8/17/2023 20:39	8/18/2023 10:00	800	0
801004	8/17/2023 20:40	8/18/2023 10:00	799	0
1362130	8/17/2023 20:40	8/18/2023 10:00	799	0
2032900	8/17/2023 20:41	8/18/2023 10:00	798	0
658177	8/17/2023 20:42	8/18/2023 10:00	797	0
997397	8/17/2023 20:46	8/18/2023 10:00	793	0
790670	8/17/2023 20:52	8/18/2023 10:00	787	0
1320646	8/17/2023 21:09	8/18/2023 10:00	770	0
1435093	8/17/2023 21:11	8/18/2023 10:00	768	0
1553525	8/17/2023 21:22	8/18/2023 10:00	757	0
572882	8/17/2023 21:51	8/18/2023 10:00	728	0
793638	8/17/2023 21:52	8/18/2023 9:45	713	0
854579	8/17/2023 21:55	8/18/2023 9:54	719	0
1557188	8/17/2023 21:58	8/18/2023 10:00	721	0
957615	8/17/2023 22:01	8/18/2023 10:00	718	0
587455	8/17/2023 22:01	8/18/2023 10:00	718	0
5212517	8/17/2023 22:06	8/18/2023 10:00	713	0
1503507	8/17/2023 22:06	8/18/2023 10:00	713	0
456099	8/17/2023 22:08	8/18/2023 10:00	711	0
304265	8/17/2023 22:10	8/18/2023 10:00	709	0
1433697	8/17/2023 22:12	8/17/2023 22:29	17	0
1433697	8/17/2023 22:29	8/17/2023 23:12	43	0
274064	8/17/2023 22:32	8/18/2023 10:00	687	0
1433697	8/17/2023 23:12	8/17/2023 23:29	17	0
1433697	8/17/2023 23:29	8/18/2023 0:12	43	0
1433697	8/18/2023 0:12	8/18/2023 0:29	17	0

1551513	8/18/2023 0:28	8/18/2023 10:00	571	0
324045	8/18/2023 0:28	8/18/2023 10:00	571	0
817825	8/18/2023 0:28	8/18/2023 10:00	571	0
323747	8/18/2023 0:28	8/18/2023 10:00	571	0
324290	8/18/2023 0:28	8/18/2023 8:20	472	0
7937779	8/18/2023 0:28	8/18/2023 10:00	571	0
1464949	8/18/2023 0:28	8/18/2023 10:00	571	0
6995795	8/18/2023 0:28	8/18/2023 10:00	571	0
500173	8/18/2023 0:28	8/18/2023 10:00	571	0
1681747	8/18/2023 0:28	8/18/2023 10:00	571	0
1556919	8/18/2023 0:28	8/18/2023 10:00	571	0
9993140	8/18/2023 0:28	8/18/2023 10:00	571	0
1432509	8/18/2023 0:28	8/18/2023 10:00	571	0
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323657	8/18/2023 0:28	8/18/2023 10:00	571	0
9063373	8/18/2023 0:28	8/18/2023 10:00	571	0
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1576533	8/18/2023 0:28	8/18/2023 10:00	571	0
663228	8/18/2023 0:28	8/18/2023 10:00	571	0
6992958	8/18/2023 0:28	8/18/2023 10:00	571	0
328570	8/18/2023 0:28	8/18/2023 10:00	571	0
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496500	8/18/2023 0:28	8/18/2023 10:00	571	0
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6623421	8/18/2023 0:28	8/18/2023 10:00	571	0
1301093	8/18/2023 0:28	8/18/2023 10:00	571	0
121748	8/18/2023 0:28	8/18/2023 10:00	571	0
793690	8/18/2023 0:28	8/18/2023 10:00	571	0
330528	8/18/2023 0:28	8/18/2023 10:00	571	0
380057	8/18/2023 0:28	8/18/2023 10:00	571	0
1417138	8/18/2023 0:28	8/18/2023 10:00	571	0
1557100	8/18/2023 0:28	8/18/2023 10:00	571	0
1272457	8/18/2023 0:28	8/18/2023 10:00	571	0
1586005	8/18/2023 0:28	8/18/2023 10:00	571	0
8668965	8/18/2023 0:28	8/18/2023 10:00	571	0
564518	8/18/2023 0:28	8/18/2023 10:00	571	0

859747	8/18/2023 0:28	8/18/2023 9:54	566	0
456084	8/18/2023 0:28	8/18/2023 8:17	469	0
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6714863	8/18/2023 0:28	8/18/2023 10:00	571	0
8910809	8/18/2023 0:28	8/18/2023 10:00	571	0
378229	8/18/2023 0:28	8/18/2023 10:00	571	0
328408	8/18/2023 0:28	8/18/2023 10:00	571	0
1251782	8/18/2023 0:28	8/18/2023 10:00	571	0
304345	8/18/2023 0:28	8/18/2023 10:00	571	0
1430553	8/18/2023 0:28	8/18/2023 10:00	571	0
6503956	8/18/2023 0:28	8/18/2023 10:00	571	0
954637	8/18/2023 0:28	8/18/2023 10:00	571	0
813658	8/18/2023 0:28	8/18/2023 10:00	571	0
1093833	8/18/2023 0:28	8/18/2023 10:00	571	0
8564413	8/18/2023 0:28	8/18/2023 10:00	571	0
1076617	8/18/2023 0:28	8/18/2023 10:00	571	0
563721	8/18/2023 0:28	8/18/2023 10:00	571	0
1557303	8/18/2023 0:28	8/18/2023 10:00	571	0
1573666	8/18/2023 0:28	8/18/2023 10:00	571	0
1527384	8/18/2023 0:28	8/18/2023 10:00	571	0
7879030	8/18/2023 0:28	8/18/2023 10:00	571	0
307661	8/18/2023 0:28	8/18/2023 10:00	571	0
561672	8/18/2023 0:28	8/18/2023 10:00	571	0
1433697	8/18/2023 0:29	8/18/2023 1:12	43	0
316997	8/18/2023 0:33	8/18/2023 10:00	566	0
346288	8/18/2023 0:39	8/18/2023 10:00	560	0
265447	8/18/2023 1:03	8/18/2023 10:00	536	0
1433697	8/18/2023 1:12	8/18/2023 1:29	17	0
1433697	8/18/2023 1:29	8/18/2023 2:12	43	0
1985687	8/18/2023 1:35	8/18/2023 10:00	504	0
1433697	8/18/2023 2:12	8/18/2023 2:29	17	0
1433697	8/18/2023 2:29	8/18/2023 3:12	43	0
1433697	8/18/2023 3:12	8/18/2023 3:29	17	0
1433697	8/18/2023 3:29	8/18/2023 3:52	23	0
1433697	8/18/2023 3:52	8/18/2023 10:00	367.2	0
456048	8/18/2023 8:02	8/18/2023 10:00	117	0
456084	8/18/2023 8:17	8/18/2023 10:00	102	0
51483	8/18/2023 8:17	8/18/2023 10:00	102	0
324290	8/18/2023 8:20	8/18/2023 10:00	99	0
8950281	8/18/2023 8:34	8/18/2023 10:00	85	0
1356945	8/18/2023 8:37	8/18/2023 10:00	82	0
1493132	8/18/2023 8:44	8/18/2023 10:00	75	0
309961	8/18/2023 8:46	8/18/2023 10:00	73	0
8511623	8/18/2023 8:53	8/18/2023 10:00	66	0
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325050	8/18/2023 9:08	8/18/2023 10:00	51	0

1362855	8/18/2023 9:09	8/18/2023 10:00	50	0
317233	8/18/2023 9:23	8/18/2023 10:00	36	0
1624452	8/18/2023 9:34	8/18/2023 10:00	25	0
793638	8/18/2023 9:45	8/18/2023 10:00	14	0.24
1525793	8/18/2023 9:47	8/18/2023 10:00	12	0
581074	8/18/2023 9:48	8/18/2023 10:00	11	0
1390184	8/18/2023 9:48	8/18/2023 10:00	11	0
859747	8/18/2023 9:54	8/18/2023 10:00	5	0
854579	8/18/2023 9:54	8/18/2023 10:00	5	0
772378	8/18/2023 10:00	8/19/2023 0:28	868	0
705447	8/18/2023 10:00	8/19/2023 10:00	1439	0
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637185	8/18/2023 10:00	8/19/2023 10:00	1439	0
564357	8/18/2023 10:00	8/19/2023 10:00	1439	0
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264186	8/18/2023 10:00	8/19/2023 10:00	1439	0
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1518241	8/18/2023 10:08	8/19/2023 0:28	860	0.47
1704326	8/18/2023 10:10	8/19/2023 0:28	858	0
1700586	8/18/2023 10:11	8/19/2023 0:28	857	0.08
1430553	8/18/2023 10:17	8/19/2023 0:28	851	2.37
324045	8/18/2023 10:21	8/19/2023 0:28	847	0.28
496500	8/18/2023 10:21	8/19/2023 0:28	847	0.7
1509486	8/18/2023 10:22	8/19/2023 0:28	846	0.68
315088	8/18/2023 10:22	8/19/2023 0:28	846	0
1190820	8/18/2023 10:22	8/18/2023 20:22	600	1.08
507365	8/18/2023 10:22	8/19/2023 0:28	846	0
6961293	8/18/2023 10:24	8/19/2023 0:28	844	0.04
954637	8/18/2023 10:26	8/19/2023 0:28	842	0.96
1521429	8/18/2023 10:26	8/19/2023 0:28	842	0
7937779	8/18/2023 10:29	8/19/2023 0:28	839	0
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307661	8/18/2023 10:29	8/19/2023 0:28	839	1.13
1704232	8/18/2023 10:35	8/19/2023 0:28	833	1.06
793690	8/18/2023 10:42	8/19/2023 0:28	826	1.55
7533405	8/18/2023 10:43	8/18/2023 12:02	79	0.26
1514004	8/18/2023 10:49	8/19/2023 0:28	819	1.63
8068454	8/18/2023 10:50	8/19/2023 9:51	1381	0
8668965	8/18/2023 10:50	8/19/2023 0:28	818	0.56
564518	8/18/2023 10:53	8/19/2023 0:28	815	0
321310	8/18/2023 10:54	8/19/2023 0:28	814	0
1557303	8/18/2023 10:54	8/19/2023 0:28	814	0.79
658177	8/18/2023 10:57	8/19/2023 0:28	811	0.44
8734029	8/18/2023 10:58	8/19/2023 0:28	810	0
378229	8/18/2023 10:58	8/19/2023 0:28	810	1.46
791510	8/18/2023 10:58	8/19/2023 0:28	810	0.09

1251782	8/18/2023 10:59	8/19/2023 0:28	809	0
1406535	8/18/2023 10:59	8/19/2023 0:28	809	1.67
583848	8/18/2023 10:59	8/19/2023 0:28	809	0
1511251	8/18/2023 11:05	8/19/2023 0:28	803	0
1320646	8/18/2023 11:09	8/19/2023 0:28	799	1.69
656628	8/18/2023 11:09	8/19/2023 0:28	799	0.45
1301093	8/18/2023 11:13	8/19/2023 0:28	795	1.54
6623421	8/18/2023 11:18	8/19/2023 0:28	790	0.29
1524033	8/18/2023 11:23	8/19/2023 0:28	785	1.73
8495802	8/18/2023 11:23	8/19/2023 0:28	785	0
1511264	8/18/2023 11:23	8/19/2023 0:28	785	1.49
1320619	8/18/2023 11:27	8/18/2023 14:25	178	0
1557188	8/18/2023 11:27	8/19/2023 0:28	781	0
587455	8/18/2023 11:32	8/19/2023 0:28	776	0
1464949	8/18/2023 11:35	8/19/2023 0:28	773	0
2032900	8/18/2023 11:39	8/19/2023 0:28	769	0.33
1557676	8/18/2023 11:41	8/18/2023 21:41	600	0.15
1576533	8/18/2023 11:43	8/19/2023 0:28	765	0.92
957615	8/18/2023 11:43	8/19/2023 0:28	765	0
561757	8/18/2023 11:50	8/19/2023 10:00	1329	0
1321605	8/18/2023 11:55	8/19/2023 0:28	753	0.2
1556246	8/18/2023 11:57	8/19/2023 0:28	751	0
7533405	8/18/2023 12:02	8/19/2023 10:00	1317	0
323747	8/18/2023 12:09	8/19/2023 0:28	739	0
1985687	8/18/2023 12:10	8/19/2023 0:28	738	0
6714863	8/18/2023 12:12	8/19/2023 0:28	736	0.05
1362130	8/18/2023 12:25	8/19/2023 0:28	723	0
1320008	8/18/2023 12:40	8/19/2023 8:11	1171	0
808829	8/18/2023 12:42	8/19/2023 0:28	706	0
315346	8/18/2023 12:49	8/19/2023 10:00	1270	0
1309098	8/18/2023 12:56	8/18/2023 22:25	569	0.38
985241	8/18/2023 13:05	8/19/2023 0:28	683	0
790670	8/18/2023 13:12	8/19/2023 0:28	676	0.72
1393633	8/18/2023 13:13	8/19/2023 10:00	1246	0
1368745	8/18/2023 13:23	8/19/2023 10:00	1236	0
8104722	8/18/2023 13:45	8/19/2023 0:28	643	0
6761269	8/18/2023 13:47	8/19/2023 0:28	641	0
1556919	8/18/2023 14:05	8/19/2023 0:28	623	0.02
810130	8/18/2023 14:12	8/19/2023 0:28	616	0
1417138	8/18/2023 14:21	8/19/2023 0:28	607	0
316997	8/18/2023 14:22	8/19/2023 0:28	606	0.26
1320619	8/18/2023 14:25	8/19/2023 10:00	1174	0
596091	8/18/2023 14:26	8/18/2023 14:42	16	0
1671261	8/18/2023 14:27	8/19/2023 10:00	1172	0
569420	8/18/2023 14:27	8/19/2023 0:28	601	0
5212517	8/18/2023 14:31	8/18/2023 22:07	456	0.11
265447	8/18/2023 14:36	8/19/2023 0:28	592	0.02

596091	8/18/2023 14:42	8/19/2023 0:28	586	0
7607485	8/18/2023 14:43	8/19/2023 0:28	585	0
1075503	8/18/2023 14:43	8/19/2023 0:28	585	0
330528	8/18/2023 14:48	8/19/2023 0:28	580	0
456099	8/18/2023 14:50	8/18/2023 22:02	432	0
561758	8/18/2023 14:53	8/19/2023 0:28	575	0
8387677	8/18/2023 14:56	8/19/2023 0:28	572	0
581832	8/18/2023 14:57	8/18/2023 16:24	87	0
274064	8/18/2023 15:03	8/18/2023 22:05	422	0
457729	8/18/2023 15:03	8/19/2023 0:28	565	0
500173	8/18/2023 15:05	8/19/2023 0:28	563	0.37
1681747	8/18/2023 15:07	8/19/2023 0:28	561	0
8148103	8/18/2023 15:09	8/19/2023 0:28	559	0.41
1432509	8/18/2023 15:11	8/19/2023 0:28	557	0
353651	8/18/2023 15:12	8/19/2023 0:28	556	0
281456	8/18/2023 15:19	8/19/2023 0:28	549	0
6503956	8/18/2023 15:23	8/19/2023 0:28	545	0
1417279	8/18/2023 15:37	8/19/2023 0:28	531	0
1573666	8/18/2023 15:39	8/19/2023 0:28	529	0
6992958	8/18/2023 15:40	8/19/2023 0:28	528	0
1503507	8/18/2023 15:46	8/19/2023 0:28	522	0
813658	8/18/2023 15:47	8/19/2023 0:28	521	0
581832	8/18/2023 16:24	8/19/2023 2:47	623	0
1190820	8/18/2023 20:22	8/19/2023 10:00	817	0
1557676	8/18/2023 21:41	8/19/2023 10:00	738	0
456099	8/18/2023 22:02	8/19/2023 10:00	717	0
274064	8/18/2023 22:05	8/19/2023 10:00	714	0
5212517	8/18/2023 22:07	8/19/2023 10:00	712	0
1309098	8/18/2023 22:25	8/19/2023 9:54	689	0
2032900	8/19/2023 0:28	8/19/2023 10:00	571	0
772378	8/19/2023 0:28	8/19/2023 10:00	571	0
791510	8/19/2023 0:28	8/19/2023 10:00	571	0
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1557188	8/19/2023 0:28	8/19/2023 10:00	571	0
1272457	8/19/2023 0:28	8/19/2023 10:00	571	0
6162958	8/19/2023 0:28	8/19/2023 10:00	571	0
997397	8/19/2023 0:28	8/19/2023 10:00	571	0
569420	8/19/2023 0:28	8/19/2023 10:00	571	0
8387677	8/19/2023 0:28	8/19/2023 10:00	571	0
810130	8/19/2023 0:28	8/19/2023 10:00	571	0
1518241	8/19/2023 0:28	8/19/2023 10:00	571	0
496500	8/19/2023 0:28	8/19/2023 10:00	571	0
790670	8/19/2023 0:28	8/19/2023 10:00	571	0
378229	8/19/2023 0:28	8/19/2023 10:00	571	0
507365	8/19/2023 0:28	8/19/2023 10:00	571	0
323747	8/19/2023 0:28	8/19/2023 10:00	571	0
1432509	8/19/2023 0:28	8/19/2023 10:00	571	0

564518	8/19/2023 0:28	8/19/2023 10:00	571	0
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6992958	8/19/2023 0:28	8/19/2023 10:00	571	0
6761269	8/19/2023 0:28	8/19/2023 10:00	571	0
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1700586	8/19/2023 0:28	8/19/2023 10:00	571	0
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1362130	8/19/2023 0:28	8/19/2023 10:00	571	0
1511264	8/19/2023 0:28	8/19/2023 10:00	571	0
353651	8/19/2023 0:28	8/19/2023 10:00	571	0
1464949	8/19/2023 0:28	8/19/2023 10:00	571	0
1681747	8/19/2023 0:28	8/19/2023 10:00	571	0
1552154	8/19/2023 0:28	8/19/2023 10:00	571	0
1417279	8/19/2023 0:28	8/19/2023 10:00	571	0
957615	8/19/2023 0:28	8/19/2023 10:00	571	0
808829	8/19/2023 0:28	8/19/2023 10:00	571	0
1321605	8/19/2023 0:28	8/19/2023 9:25	537	0
1251782	8/19/2023 0:28	8/19/2023 10:00	571	0
1417138	8/19/2023 0:28	8/19/2023 9:51	563	0
954637	8/19/2023 0:28	8/19/2023 10:00	571	0
583848	8/19/2023 0:28	8/19/2023 10:00	571	0
1406535	8/19/2023 0:28	8/19/2023 10:00	571	0
8148103	8/19/2023 0:28	8/19/2023 10:00	571	0
561758	8/19/2023 0:28	8/19/2023 10:00	571	0
6714863	8/19/2023 0:28	8/19/2023 10:00	571	0
793690	8/19/2023 0:28	8/19/2023 10:00	571	0
1573666	8/19/2023 0:28	8/19/2023 10:00	571	0
1576533	8/19/2023 0:28	8/19/2023 10:00	571	0
1301093	8/19/2023 0:28	8/19/2023 10:00	571	0
1985687	8/19/2023 0:28	8/19/2023 10:00	571	0
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1524033	8/19/2023 0:28	8/19/2023 10:00	571	0
330528	8/19/2023 0:28	8/19/2023 10:00	571	0
1514004	8/19/2023 0:28	8/19/2023 10:00	571	0
587455	8/19/2023 0:28	8/19/2023 10:00	571	0
985241	8/19/2023 0:28	8/19/2023 10:00	571	0
860281	8/19/2023 0:28	8/19/2023 10:00	571	0
1556919	8/19/2023 0:28	8/19/2023 10:00	571	0
8734029	8/19/2023 0:28	8/19/2023 10:00	571	0
307661	8/19/2023 0:28	8/19/2023 10:00	571	0
324045	8/19/2023 0:28	8/19/2023 10:00	571	0
1557303	8/19/2023 0:28	8/19/2023 10:00	571	0
321310	8/19/2023 0:28	8/19/2023 10:00	571	0
656628	8/19/2023 0:28	8/19/2023 10:00	571	0

6623421	8/19/2023 0:28	8/19/2023 10:00	571	0
1521429	8/19/2023 0:28	8/19/2023 10:00	571	0
1509486	8/19/2023 0:28	8/19/2023 10:00	571	0
7937779	8/19/2023 0:28	8/19/2023 10:00	571	0
1704232	8/19/2023 0:28	8/19/2023 10:00	571	0
7607485	8/19/2023 0:28	8/19/2023 10:00	571	0
304345	8/19/2023 0:28	8/19/2023 10:00	571	0
316997	8/19/2023 0:28	8/19/2023 10:00	571	0
457729	8/19/2023 0:28	8/19/2023 10:00	571	0
1430553	8/19/2023 0:28	8/19/2023 9:32	544	0
1556246	8/19/2023 0:28	8/19/2023 10:00	571	0
658177	8/19/2023 0:28	8/19/2023 10:00	571	0
500173	8/19/2023 0:28	8/19/2023 10:00	571	0
8104722	8/19/2023 0:28	8/19/2023 10:00	571	0
265447	8/19/2023 0:28	8/19/2023 10:00	571	0
315088	8/19/2023 0:28	8/19/2023 10:00	571	0
6961293	8/19/2023 0:28	8/19/2023 10:00	571	0
1511251	8/19/2023 0:28	8/19/2023 10:00	571	0
8668965	8/19/2023 0:28	8/19/2023 10:00	571	0
8495802	8/19/2023 0:28	8/19/2023 10:00	571	0
581832	8/19/2023 2:47	8/19/2023 5:05	138	0
581832	8/19/2023 5:05	8/19/2023 6:30	85	0
581832	8/19/2023 6:30	8/19/2023 8:35	125	0
1320008	8/19/2023 8:11	8/19/2023 10:00	108	0
1434359	8/19/2023 8:20	8/19/2023 10:00	99	0
324290	8/19/2023 8:22	8/19/2023 10:00	97	0
1517239	8/19/2023 8:26	8/19/2023 10:00	93	0
581832	8/19/2023 8:35	8/19/2023 9:10	35	0
1493132	8/19/2023 8:42	8/19/2023 10:00	77	0
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325050	8/19/2023 9:07	8/19/2023 10:00	52	0
1356945	8/19/2023 9:09	8/19/2023 10:00	50	0
581832	8/19/2023 9:10	8/19/2023 9:45	35	0
1321605	8/19/2023 9:25	8/19/2023 10:00	34	0
1430553	8/19/2023 9:32	8/19/2023 10:00	27	0
581832	8/19/2023 9:45	8/19/2023 10:00	14	0
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1390184	8/19/2023 9:48	8/19/2023 10:00	11	0
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1417138	8/19/2023 9:51	8/19/2023 10:00	8	0
8068454	8/19/2023 9:51	8/19/2023 10:00	8	0
1309098	8/19/2023 9:54	8/19/2023 10:00	5	0
793638	8/19/2023 9:55	8/19/2023 10:00	4	0.14
1251782	8/19/2023 10:00	8/20/2023 0:28	868	0
46184	8/19/2023 10:00	8/20/2023 10:00	1439	0
705447	8/19/2023 10:00	8/20/2023 10:00	1439	0
637185	8/19/2023 10:00	8/20/2023 10:00	1439	0

264186	8/19/2023 10:00	8/20/2023 10:00	1439	0
1308096	8/19/2023 10:00	8/20/2023 10:00	1439	0
564357	8/19/2023 10:00	8/20/2023 10:00	1439	0
1417138	8/19/2023 10:01	8/20/2023 10:00	1438	0
1518000	8/19/2023 10:06	8/19/2023 20:11	605	0
6961293	8/19/2023 10:09	8/20/2023 0:28	859	0.02
317233	8/19/2023 10:10	8/19/2023 20:13	603	0.2
957615	8/19/2023 10:11	8/19/2023 20:14	603	0
1700586	8/19/2023 10:11	8/20/2023 0:28	857	0
6657618	8/19/2023 10:13	8/20/2023 10:00	1426	0
1406535	8/19/2023 10:14	8/20/2023 0:28	854	0
587455	8/19/2023 10:17	8/19/2023 20:17	600	0
572882	8/19/2023 10:20	8/19/2023 20:19	599	0
496500	8/19/2023 10:21	8/20/2023 0:28	847	0
324045	8/19/2023 10:21	8/20/2023 0:28	847	0
1190820	8/19/2023 10:22	8/19/2023 20:23	601	0.61
315345	8/19/2023 10:23	8/19/2023 20:45	622	0.22
6714863	8/19/2023 10:23	8/20/2023 0:28	845	0.79
2032900	8/19/2023 10:24	8/20/2023 0:28	844	0.71
507365	8/19/2023 10:24	8/19/2023 20:23	599	0
569420	8/19/2023 10:26	8/20/2023 0:28	842	0
309961	8/19/2023 10:31	8/20/2023 0:28	837	0
772378	8/19/2023 10:33	8/20/2023 0:28	835	0
330528	8/19/2023 10:35	8/20/2023 9:35	1380	0
8668965	8/19/2023 10:37	8/20/2023 0:28	831	0
800600	8/19/2023 10:37	8/19/2023 20:36	599	1.1
790670	8/19/2023 10:38	8/20/2023 0:28	830	0.17
8104722	8/19/2023 10:41	8/19/2023 12:57	136	0
571420	8/19/2023 10:42	8/20/2023 0:28	826	0
378229	8/19/2023 10:43	8/20/2023 0:28	825	0.12
8621797	8/19/2023 10:44	8/20/2023 0:28	824	0
954637	8/19/2023 10:45	8/20/2023 0:28	823	0.61
1514004	8/19/2023 10:46	8/20/2023 0:28	822	0
791361	8/19/2023 10:51	8/20/2023 0:28	817	0
1320646	8/19/2023 10:51	8/19/2023 20:55	604	0.41
872542	8/19/2023 10:52	8/20/2023 10:00	1387	0.58
321310	8/19/2023 10:52	8/20/2023 0:39	827	0
801004	8/19/2023 10:54	8/20/2023 0:28	814	0
1516739	8/19/2023 10:55	8/19/2023 20:54	599	0
315346	8/19/2023 10:55	8/20/2023 0:28	813	0
564518	8/19/2023 10:57	8/20/2023 0:28	811	0
1301093	8/19/2023 10:58	8/20/2023 0:28	810	0.49
1573666	8/19/2023 11:01	8/20/2023 0:28	807	0
997397	8/19/2023 11:01	8/20/2023 0:28	807	0
259674	8/19/2023 11:01	8/20/2023 0:28	807	0
572916	8/19/2023 11:02	8/19/2023 21:02	600	0.03
51483	8/19/2023 11:02	8/20/2023 0:28	806	0.03

985241	8/19/2023 11:05	8/20/2023 0:28	803	0
1320619	8/19/2023 11:08	8/19/2023 14:28	200	0
316997	8/19/2023 11:08	8/20/2023 0:28	800	1.53
658177	8/19/2023 11:12	8/20/2023 0:28	796	1.23
8495802	8/19/2023 11:16	8/20/2023 0:28	792	0
466549	8/19/2023 11:18	8/19/2023 21:21	603	0
1704232	8/19/2023 11:20	8/20/2023 0:28	788	0.62
656628	8/19/2023 11:23	8/20/2023 0:28	785	0.74
315752	8/19/2023 11:24	8/19/2023 21:23	599	0
793690	8/19/2023 11:27	8/20/2023 0:28	781	0.61
7533405	8/19/2023 11:29	8/19/2023 13:25	116	0.76
1526024	8/19/2023 11:30	8/19/2023 21:33	603	0
1267978	8/19/2023 11:36	8/20/2023 10:00	1343	0
1437071	8/19/2023 11:37	8/20/2023 0:28	771	0
8950281	8/19/2023 11:46	8/20/2023 0:28	762	0
315604	8/19/2023 11:55	8/20/2023 0:28	753	0
1393633	8/19/2023 11:58	8/19/2023 21:56	598	0
1527339	8/19/2023 12:02	8/20/2023 0:28	746	0
558031	8/19/2023 12:04	8/20/2023 10:00	1315	0
315380	8/19/2023 12:09	8/20/2023 0:28	739	0
314564	8/19/2023 12:23	8/20/2023 0:28	725	0
1985687	8/19/2023 12:23	8/20/2023 0:28	725	0
1511816	8/19/2023 12:41	8/20/2023 10:00	1278	0
1278161	8/19/2023 12:57	8/20/2023 10:00	1262	0
8104722	8/19/2023 12:57	8/20/2023 10:00	1262	0
588892	8/19/2023 13:04	8/20/2023 0:28	684	0.34
1394543	8/19/2023 13:18	8/20/2023 10:00	1241	0
7533405	8/19/2023 13:25	8/20/2023 10:00	1234	0
313954	8/19/2023 13:40	8/20/2023 0:28	648	0
810130	8/19/2023 13:57	8/20/2023 0:28	631	0
581832	8/19/2023 14:00	8/19/2023 15:15	75	0
549617	8/19/2023 14:24	8/20/2023 0:28	604	0
1320619	8/19/2023 14:28	8/20/2023 10:00	1171	0
456099	8/19/2023 14:36	8/19/2023 22:00	444	0
381982	8/19/2023 14:40	8/19/2023 22:07	447	0
549596	8/19/2023 14:42	8/20/2023 0:28	586	0
6162958	8/19/2023 14:47	8/20/2023 0:28	581	0
1556602	8/19/2023 14:50	8/20/2023 0:28	578	0
1552154	8/19/2023 14:51	8/20/2023 0:28	577	0
1586005	8/19/2023 14:52	8/20/2023 0:28	576	0
281237	8/19/2023 14:59	8/20/2023 0:28	569	0
8972545	8/19/2023 15:08	8/20/2023 0:28	560	0
1387226	8/19/2023 15:10	8/20/2023 0:28	558	0
808829	8/19/2023 15:10	8/20/2023 0:28	558	0
581832	8/19/2023 15:15	8/19/2023 17:30	135	0
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1551513	8/19/2023 16:06	8/20/2023 10:00	1073	0
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1362130	8/19/2023 16:17	8/20/2023 0:28	491	0
1321750	8/19/2023 16:24	8/19/2023 22:00	336	0
6995795	8/19/2023 16:34	8/20/2023 0:28	474	0
304345	8/19/2023 16:42	8/20/2023 0:28	466	0
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317233	8/19/2023 20:13	8/20/2023 9:56	823	0
957615	8/19/2023 20:14	8/20/2023 10:00	825	0
587455	8/19/2023 20:17	8/20/2023 10:00	822	0
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507365	8/19/2023 20:23	8/20/2023 10:00	816	0
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800600	8/19/2023 20:36	8/20/2023 10:00	803	0
315345	8/19/2023 20:45	8/20/2023 10:00	794	0
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1526024	8/19/2023 21:33	8/20/2023 10:00	746	0
1393633	8/19/2023 21:56	8/20/2023 10:00	723	0
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456099	8/19/2023 22:00	8/20/2023 10:00	719	0
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304345	8/20/2023 0:28	8/20/2023 10:00	571	0

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637185	8/20/2023 10:00	8/21/2023 10:00	1439	0
46184	8/20/2023 10:00	8/21/2023 10:00	1439	0
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564357	8/20/2023 10:00	8/21/2023 10:00	1439	0

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957615	8/20/2023 10:12	8/21/2023 0:28	856	0
378229	8/20/2023 10:13	8/20/2023 22:08	715	0.91
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1586005	8/20/2023 10:17	8/20/2023 12:17	120	0
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1190820	8/20/2023 10:22	8/21/2023 0:28	846	0
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507365	8/20/2023 10:24	8/20/2023 20:22	598	0
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1393633	8/20/2023 10:43	8/20/2023 14:13	210	0
8495802	8/20/2023 10:44	8/21/2023 0:28	824	0
1514004	8/20/2023 10:44	8/21/2023 0:28	824	0
7533405	8/20/2023 10:46	8/20/2023 13:45	179	0.08
587455	8/20/2023 10:47	8/20/2023 20:47	600	0
800600	8/20/2023 10:51	8/21/2023 0:28	817	0
1387226	8/20/2023 10:53	8/21/2023 0:28	815	0
793690	8/20/2023 10:54	8/20/2023 20:53	599	0
658177	8/20/2023 10:55	8/20/2023 14:23	208	0.05
1320646	8/20/2023 10:55	8/20/2023 14:10	195	0
8668965	8/20/2023 10:55	8/20/2023 14:09	194	0
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259674	8/20/2023 10:59	8/20/2023 21:58	659	0
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496500	8/20/2023 11:06	8/20/2023 21:58	652	0
801004	8/20/2023 11:06	8/21/2023 0:28	802	0
8387677	8/20/2023 11:08	8/20/2023 14:11	183	0
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1320619	8/20/2023 11:11	8/20/2023 21:10	599	0
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1599629	8/20/2023 11:14	8/20/2023 11:19	5	0
381982	8/20/2023 11:15	8/20/2023 21:14	599	0
1599629	8/20/2023 11:19	8/20/2023 14:34	195	0.25
1437071	8/20/2023 11:20	8/20/2023 13:20	120	0
381338	8/20/2023 11:26	8/21/2023 0:28	782	0
1093833	8/20/2023 11:26	8/20/2023 21:56	630	0
6995795	8/20/2023 11:28	8/20/2023 21:26	598	0
500173	8/20/2023 11:34	8/20/2023 14:38	184	0.26
8972545	8/20/2023 11:34	8/20/2023 14:38	184	0
8621797	8/20/2023 11:46	8/20/2023 14:13	147	0
8910809	8/20/2023 11:56	8/21/2023 0:28	752	0
304345	8/20/2023 11:57	8/20/2023 15:58	241	0

1433697	8/20/2023 12:10	8/21/2023 10:00	1309.2	0
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1526024	8/20/2023 12:31	8/21/2023 0:28	717	0
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1493132	8/20/2023 12:58	8/20/2023 22:09	551	0
588892	8/20/2023 13:02	8/21/2023 0:28	686	0.28
1390184	8/20/2023 13:06	8/20/2023 22:02	536	0
985241	8/20/2023 13:07	8/20/2023 21:54	527	0
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325050	8/20/2023 13:23	8/21/2023 9:38	1215	0
1551513	8/20/2023 13:38	8/21/2023 0:28	650	0
323747	8/20/2023 13:41	8/21/2023 0:28	647	0
7533405	8/20/2023 13:45	8/21/2023 10:00	1214	0
456048	8/20/2023 13:46	8/20/2023 22:01	495	0
1430553	8/20/2023 13:48	8/20/2023 22:07	499	0
1681747	8/20/2023 13:52	8/20/2023 14:08	16	0
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1681747	8/20/2023 14:08	8/20/2023 22:06	478	0
1552154	8/20/2023 14:08	8/20/2023 22:05	477	0
8668965	8/20/2023 14:09	8/21/2023 0:28	619	0
1320646	8/20/2023 14:10	8/21/2023 0:28	618	0
1511816	8/20/2023 14:10	8/21/2023 10:00	1189	0
6961293	8/20/2023 14:10	8/20/2023 22:02	472	0
8387677	8/20/2023 14:11	8/21/2023 0:28	617	0
1518000	8/20/2023 14:12	8/21/2023 10:00	1187	0
8621797	8/20/2023 14:13	8/21/2023 0:28	615	0
1393633	8/20/2023 14:13	8/20/2023 22:01	468	0
954637	8/20/2023 14:14	8/20/2023 21:56	462	0
1368745	8/20/2023 14:17	8/20/2023 14:36	19	0
456099	8/20/2023 14:22	8/20/2023 22:01	459	0
1267978	8/20/2023 14:23	8/20/2023 22:00	457	0
658177	8/20/2023 14:23	8/20/2023 14:39	16	0
323657	8/20/2023 14:24	8/20/2023 22:01	457	0.15
321310	8/20/2023 14:24	8/21/2023 0:28	604	0
6503956	8/20/2023 14:24	8/21/2023 0:28	604	0
304265	8/20/2023 14:27	8/20/2023 14:42	15	0
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8739323	8/20/2023 14:28	8/21/2023 0:28	600	0

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1599629	8/20/2023 14:34	8/21/2023 0:28	594	0.02
1368745	8/20/2023 14:36	8/20/2023 22:02	446	0
500173	8/20/2023 14:38	8/20/2023 21:54	436	0.26
8972545	8/20/2023 14:38	8/21/2023 0:28	590	0
1586005	8/20/2023 14:39	8/21/2023 0:28	589	0
658177	8/20/2023 14:39	8/21/2023 0:28	589	0
6714863	8/20/2023 14:39	8/20/2023 22:04	445	0
6992958	8/20/2023 14:39	8/20/2023 22:05	446	0
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581832	8/20/2023 15:45	8/20/2023 18:10	145	0
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997397	8/20/2023 15:46	8/20/2023 22:00	374	0
99902	8/20/2023 15:52	8/20/2023 21:59	367	0
1553525	8/20/2023 15:52	8/21/2023 0:28	516	0
1321750	8/20/2023 15:54	8/20/2023 22:01	367	0
1985687	8/20/2023 15:56	8/20/2023 22:04	368	0
304345	8/20/2023 15:58	8/20/2023 22:00	362	0
1527731	8/20/2023 15:59	8/20/2023 22:01	362	0
808829	8/20/2023 15:59	8/21/2023 0:28	509	0
350399	8/20/2023 16:01	8/21/2023 0:28	507	0
281237	8/20/2023 16:04	8/20/2023 21:59	355	0
1417279	8/20/2023 16:08	8/21/2023 0:28	500	0
307661	8/20/2023 16:16	8/21/2023 0:28	492	0
1220897	8/20/2023 16:24	8/20/2023 21:56	332	0

1453359	8/20/2023 16:53	8/21/2023 10:00	1026	0
306565	8/20/2023 17:01	8/21/2023 0:28	447	0
1557303	8/20/2023 17:18	8/21/2023 0:28	430	0
1518241	8/20/2023 17:29	8/20/2023 18:00	31	0
1557188	8/20/2023 17:33	8/20/2023 22:02	269	0
386123	8/20/2023 17:59	8/20/2023 22:01	242	0
1518241	8/20/2023 18:00	8/21/2023 0:28	388	0
581832	8/20/2023 18:10	8/20/2023 18:20	10	0
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304265	8/20/2023 18:49	8/21/2023 10:00	910	0
581832	8/20/2023 18:55	8/20/2023 20:05	70	0
581832	8/20/2023 20:05	8/20/2023 20:50	45	0
315345	8/20/2023 20:12	8/21/2023 9:46	814	0
507365	8/20/2023 20:22	8/21/2023 10:00	817	0
587455	8/20/2023 20:47	8/21/2023 10:00	792	0
581832	8/20/2023 20:50	8/20/2023 23:24	154	0
793690	8/20/2023 20:53	8/21/2023 10:00	786	0
1320619	8/20/2023 21:10	8/21/2023 10:00	769	0
315346	8/20/2023 21:13	8/21/2023 9:59	766	0
381982	8/20/2023 21:14	8/21/2023 10:00	765	0
6995795	8/20/2023 21:26	8/21/2023 10:00	753	0
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985241	8/20/2023 21:54	8/21/2023 8:02	608	0
500173	8/20/2023 21:54	8/21/2023 10:00	725	0
1356945	8/20/2023 21:56	8/21/2023 10:00	723	0
1093833	8/20/2023 21:56	8/21/2023 10:00	723	0
1220897	8/20/2023 21:56	8/21/2023 9:52	716	0
954637	8/20/2023 21:56	8/21/2023 10:00	723	0
1359177	8/20/2023 21:57	8/21/2023 10:00	722	0
583848	8/20/2023 21:58	8/21/2023 10:00	721	0
259674	8/20/2023 21:58	8/21/2023 10:00	721	0
496500	8/20/2023 21:58	8/21/2023 10:00	721	0
456084	8/20/2023 21:59	8/21/2023 10:00	720	0
281237	8/20/2023 21:59	8/21/2023 10:00	720	0
99902	8/20/2023 21:59	8/21/2023 10:00	720	0
1267978	8/20/2023 22:00	8/21/2023 10:00	719	0
997397	8/20/2023 22:00	8/21/2023 10:00	719	0
304345	8/20/2023 22:00	8/21/2023 10:00	719	0
1309098	8/20/2023 22:00	8/21/2023 9:53	713	0
1527731	8/20/2023 22:01	8/21/2023 10:00	718	0
386123	8/20/2023 22:01	8/21/2023 10:00	718	0
323657	8/20/2023 22:01	8/21/2023 10:00	718	0
1321750	8/20/2023 22:01	8/21/2023 10:00	718	0
558031	8/20/2023 22:01	8/21/2023 9:39	698	0
1393633	8/20/2023 22:01	8/21/2023 10:00	718	0
456099	8/20/2023 22:01	8/21/2023 10:00	718	0

456048	8/20/2023 22:01	8/21/2023 10:00	718	0
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1557188	8/20/2023 22:02	8/21/2023 10:00	717	0
6961293	8/20/2023 22:02	8/21/2023 10:00	717	0
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1985687	8/20/2023 22:04	8/21/2023 10:00	715	0
6733217	8/20/2023 22:04	8/21/2023 10:00	715	0
6714863	8/20/2023 22:04	8/21/2023 10:00	715	0
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1681747	8/20/2023 22:06	8/21/2023 9:07	661	0
1417138	8/20/2023 22:06	8/21/2023 10:00	713	0
1430553	8/20/2023 22:07	8/21/2023 9:46	699	0
378229	8/20/2023 22:08	8/21/2023 10:00	711	0
8068454	8/20/2023 22:09	8/21/2023 10:00	710	0
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324045	8/20/2023 22:10	8/21/2023 10:00	709	0
581832	8/20/2023 23:24	8/20/2023 23:50	26	0
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8564413	8/21/2023 0:28	8/21/2023 10:00	571	0
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810130	8/21/2023 0:28	8/21/2023 10:00	571	0
957615	8/21/2023 0:28	8/21/2023 10:00	571	0
281456	8/21/2023 0:28	8/21/2023 10:00	571	0
307661	8/21/2023 0:28	8/21/2023 10:00	571	0
6503956	8/21/2023 0:28	8/21/2023 10:00	571	0
658177	8/21/2023 0:28	8/21/2023 10:00	571	0
1388092	8/21/2023 0:28	8/21/2023 10:00	571	0
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8910809	8/21/2023 0:28	8/21/2023 10:00	571	0
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1557303	8/21/2023 0:28	8/21/2023 10:00	571	0
321310	8/21/2023 0:28	8/21/2023 10:00	571	0
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381338	8/21/2023 0:28	8/21/2023 10:00	571	0
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350399	8/21/2023 0:28	8/21/2023 10:00	571	0
1704232	8/21/2023 0:28	8/21/2023 10:00	571	0
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1417279	8/21/2023 0:28	8/21/2023 10:00	571	0
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1320646	8/21/2023 0:28	8/21/2023 10:00	571	0
656628	8/21/2023 0:28	8/21/2023 10:00	571	0
1576533	8/21/2023 0:28	8/21/2023 10:00	571	0
588892	8/21/2023 0:28	8/21/2023 10:00	571	0
324290	8/21/2023 0:28	8/21/2023 8:24	476	0
1553525	8/21/2023 0:28	8/21/2023 10:00	571	0
323747	8/21/2023 0:28	8/21/2023 10:00	571	0
1518241	8/21/2023 0:28	8/21/2023 10:00	571	0
1546695	8/21/2023 0:28	8/21/2023 10:00	571	0
8387677	8/21/2023 0:28	8/21/2023 10:00	571	0
9993140	8/21/2023 0:28	8/21/2023 10:00	571	0
1251782	8/21/2023 0:28	8/21/2023 10:00	571	0
349232	8/21/2023 0:28	8/21/2023 10:00	571	0
306565	8/21/2023 0:28	8/21/2023 10:00	571	0
1526024	8/21/2023 0:28	8/21/2023 10:00	571	0
1700586	8/21/2023 0:28	8/21/2023 10:00	571	0
8495802	8/21/2023 0:28	8/21/2023 10:00	571	0
808829	8/21/2023 0:28	8/21/2023 10:00	571	0
8972545	8/21/2023 0:28	8/21/2023 10:00	571	0
1514004	8/21/2023 0:28	8/21/2023 10:00	571	0
772378	8/21/2023 0:28	8/21/2023 10:00	571	0
801004	8/21/2023 0:28	8/21/2023 10:00	571	0
1527384	8/21/2023 0:28	8/21/2023 10:00	571	0
1190820	8/21/2023 0:28	8/21/2023 10:00	571	0
1075503	8/21/2023 0:28	8/21/2023 10:00	571	0
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8668965	8/21/2023 0:28	8/21/2023 10:00	571	0
581832	8/21/2023 0:40	8/21/2023 8:01	441	0
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985241	8/21/2023 8:02	8/21/2023 10:00	117	0
51483	8/21/2023 8:18	8/21/2023 10:00	101	0
309961	8/21/2023 8:19	8/21/2023 10:00	100	0
324290	8/21/2023 8:24	8/21/2023 10:00	95	0
8950281	8/21/2023 8:33	8/21/2023 10:00	86	0
1704326	8/21/2023 8:36	8/21/2023 9:24	48	0
8511623	8/21/2023 8:40	8/21/2023 10:00	79	0
1493132	8/21/2023 8:44	8/21/2023 10:00	75	0
1681747	8/21/2023 9:07	8/21/2023 10:00	52	0
1406535	8/21/2023 9:13	8/21/2023 10:00	46	0
1552154	8/21/2023 9:22	8/21/2023 10:00	37	0
1704326	8/21/2023 9:24	8/21/2023 10:00	35	0
317233	8/21/2023 9:28	8/21/2023 10:00	31	0
1321605	8/21/2023 9:37	8/21/2023 10:00	22	0
325050	8/21/2023 9:38	8/21/2023 10:00	21	0

1362855	8/21/2023 9:39	8/21/2023 10:00	20	0
558031	8/21/2023 9:39	8/21/2023 10:00	20	0
315345	8/21/2023 9:46	8/21/2023 10:00	13	0
1430553	8/21/2023 9:46	8/21/2023 10:00	13	0
1390184	8/21/2023 9:50	8/21/2023 10:00	9	0
1220897	8/21/2023 9:52	8/21/2023 10:00	7	0
1309098	8/21/2023 9:53	8/21/2023 10:00	6	0
561757	8/21/2023 9:54	8/21/2023 10:00	5	0
1299402	8/21/2023 9:55	8/21/2023 10:00	4	0
6761269	8/21/2023 9:58	8/21/2023 10:00	1	0
315346	8/21/2023 9:59	8/21/2023 10:00	0	0
637185	8/21/2023 10:00	8/22/2023 10:00	1439	0
381982	8/21/2023 10:00	8/22/2023 10:00	1439	0
46184	8/21/2023 10:00	8/22/2023 10:00	1439	0
988262	8/21/2023 10:00	8/22/2023 10:00	1439	0
264186	8/21/2023 10:00	8/22/2023 10:00	1439	0
1368745	8/21/2023 10:00	8/21/2023 20:02	602	0
1356945	8/21/2023 10:00	8/22/2023 0:28	868	0
564357	8/21/2023 10:00	8/22/2023 10:00	1439	0
1308096	8/21/2023 10:00	8/22/2023 10:00	1439	0
705447	8/21/2023 10:00	8/22/2023 10:00	1439	0
872542	8/21/2023 10:00	8/22/2023 10:00	1439	0
791361	8/21/2023 10:05	8/22/2023 10:00	1434	0
1516739	8/21/2023 10:10	8/21/2023 20:08	598	0
7937779	8/21/2023 10:15	8/21/2023 20:13	598	0
957615	8/21/2023 10:15	8/21/2023 20:14	599	0
274064	8/21/2023 10:18	8/21/2023 20:21	603	0
772378	8/21/2023 10:20	8/21/2023 20:18	598	0
6503956	8/21/2023 10:21	8/21/2023 20:25	604	0.01
507365	8/21/2023 10:22	8/21/2023 20:26	604	0
581074	8/21/2023 10:22	8/21/2023 20:20	598	0
793937	8/21/2023 10:23	8/22/2023 10:00	1416	0
266642	8/21/2023 10:25	8/21/2023 20:26	601	0
1387226	8/21/2023 10:26	8/21/2023 21:11	645	0
1433697	8/21/2023 10:29	8/22/2023 10:00	1410.2	0
1309098	8/21/2023 11:07	8/21/2023 21:11	604	0
6714863	8/21/2023 11:08	8/22/2023 0:28	800	0
321310	8/21/2023 11:08	8/22/2023 0:28	800	0
1362855	8/21/2023 11:09	8/21/2023 21:12	603	0
656628	8/21/2023 11:10	8/21/2023 21:14	604	0
6761269	8/21/2023 11:11	8/22/2023 0:28	797	0
378229	8/21/2023 11:12	8/22/2023 0:28	796	0
1190820	8/21/2023 11:12	8/21/2023 21:12	600	0
1299402	8/21/2023 11:13	8/21/2023 21:12	599	0
954637	8/21/2023 11:13	8/22/2023 0:28	795	0
317233	8/21/2023 11:13	8/21/2023 21:11	598	0.05
1700586	8/21/2023 11:15	8/21/2023 21:14	599	0

581832	8/21/2023 11:16	8/22/2023 10:00	1363	0
7533405	8/21/2023 11:16	8/21/2023 13:06	110	0
587455	8/21/2023 11:16	8/21/2023 21:16	600	0
8495802	8/21/2023 11:19	8/22/2023 0:28	789	0
7533405	8/21/2023 13:06	8/22/2023 10:00	1253	0
1368745	8/21/2023 20:02	8/22/2023 9:32	810	0
1516739	8/21/2023 20:08	8/22/2023 10:00	831	0
7937779	8/21/2023 20:13	8/22/2023 10:00	826	0
957615	8/21/2023 20:14	8/22/2023 10:00	825	0
772378	8/21/2023 20:18	8/22/2023 10:00	821	0
581074	8/21/2023 20:20	8/22/2023 10:00	819	0
274064	8/21/2023 20:21	8/22/2023 10:00	818	0
6503956	8/21/2023 20:25	8/22/2023 10:00	814	0
266642	8/21/2023 20:26	8/22/2023 10:00	813	0
507365	8/21/2023 20:26	8/22/2023 10:00	813	0
1387226	8/21/2023 21:11	8/22/2023 10:00	768	0
317233	8/21/2023 21:11	8/22/2023 10:00	768	0
1309098	8/21/2023 21:11	8/22/2023 10:00	768	0
1190820	8/21/2023 21:12	8/22/2023 10:00	767	0
1299402	8/21/2023 21:12	8/22/2023 10:00	767	0
1362855	8/21/2023 21:12	8/22/2023 10:00	767	0
656628	8/21/2023 21:14	8/22/2023 10:00	765	0
1700586	8/21/2023 21:14	8/22/2023 10:00	765	0
587455	8/21/2023 21:16	8/22/2023 10:00	763	0
8495802	8/22/2023 0:28	8/22/2023 10:00	571	0
378229	8/22/2023 0:28	8/22/2023 10:00	571	0
954637	8/22/2023 0:28	8/22/2023 10:00	571	0
1356945	8/22/2023 0:28	8/22/2023 8:25	477	0
6761269	8/22/2023 0:28	8/22/2023 10:00	571	0
321310	8/22/2023 0:28	8/22/2023 10:00	571	0
6714863	8/22/2023 0:28	8/22/2023 10:00	571	0
1384509	8/22/2023 8:09	8/22/2023 10:00	110	0
51483	8/22/2023 8:17	8/22/2023 10:00	102	0
309961	8/22/2023 8:18	8/22/2023 10:00	101	0
1356945	8/22/2023 8:25	8/22/2023 10:00	94	0
8950281	8/22/2023 8:48	8/22/2023 10:00	71	0
1704326	8/22/2023 8:51	8/22/2023 10:00	68	0
12746	8/22/2023 9:17	8/22/2023 10:00	42	0
1493132	8/22/2023 9:30	8/22/2023 10:00	29	0
1368745	8/22/2023 9:32	8/22/2023 10:00	27	0
1430553	8/22/2023 9:34	8/22/2023 10:00	25	0
872542	8/22/2023 10:00	8/23/2023 10:00	1439	0
564357	8/22/2023 10:00	8/23/2023 10:00	1439	0
1308096	8/22/2023 10:00	8/23/2023 10:00	1439	0
705447	8/22/2023 10:00	8/23/2023 10:00	1439	0
46184	8/22/2023 10:00	8/23/2023 10:00	1439	0
637185	8/22/2023 10:00	8/23/2023 10:00	1439	0

264186	8/22/2023 10:00	8/23/2023 10:00	1439	0
1602508	8/22/2023 10:39	8/22/2023 20:40	601	0.9
673900	8/22/2023 11:10	8/22/2023 21:11	601	0
768205	8/22/2023 11:25	8/22/2023 21:25	600	0
771666	8/22/2023 11:37	8/23/2023 0:28	771	0
776097	8/22/2023 12:04	8/23/2023 10:00	1315	0
8668965	8/22/2023 15:05	8/22/2023 21:55	410	0
321310	8/22/2023 15:31	8/22/2023 21:54	383	0
8104722	8/22/2023 16:26	8/23/2023 0:28	482	0
985241	8/22/2023 16:30	8/23/2023 0:28	478	0
317233	8/22/2023 16:40	8/22/2023 21:55	315	0
1602508	8/22/2023 20:40	8/23/2023 10:00	799	0
673900	8/22/2023 21:11	8/23/2023 10:00	768	0
768205	8/22/2023 21:25	8/23/2023 10:00	754	0
321310	8/22/2023 21:54	8/23/2023 10:00	725	0
317233	8/22/2023 21:55	8/23/2023 10:00	724	0
8668965	8/22/2023 21:55	8/23/2023 10:00	724	0
771666	8/23/2023 0:28	8/23/2023 10:00	571	0
8104722	8/23/2023 0:28	8/23/2023 10:00	571	0
985241	8/23/2023 0:28	8/23/2023 10:00	571	0
980398	8/23/2023 8:00	8/23/2023 10:00	119	0
561672	8/23/2023 8:03	8/23/2023 10:00	116	0
315345	8/23/2023 8:11	8/23/2023 10:00	108	0.02
1278161	8/23/2023 8:15	8/23/2023 10:00	104	0
51483	8/23/2023 8:15	8/23/2023 10:00	104	0
8950281	8/23/2023 8:31	8/23/2023 10:00	88	0
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8511623	8/23/2023 8:41	8/23/2023 10:00	78	0
561773	8/23/2023 9:03	8/23/2023 10:00	56	0
325050	8/23/2023 9:37	8/23/2023 10:00	22	0
1368745	8/23/2023 9:48	8/23/2023 10:00	11	0
581074	8/23/2023 9:48	8/23/2023 10:00	11	0
500173	8/23/2023 9:48	8/23/2023 10:00	11	0
1390184	8/23/2023 9:49	8/23/2023 10:00	10	0
1430553	8/23/2023 9:50	8/23/2023 10:00	9	0
561757	8/23/2023 9:50	8/23/2023 10:00	9	0
1362855	8/23/2023 9:52	8/23/2023 10:00	7	0
793638	8/23/2023 9:52	8/23/2023 10:00	7	0
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705447	8/23/2023 10:00	8/24/2023 10:00	1439	0
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8104722	8/23/2023 11:07	8/23/2023 21:07	600	0
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315346	8/23/2023 11:55	8/23/2023 21:41	586	0
643072	8/23/2023 12:04	8/24/2023 0:44	760	0
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581832	8/23/2023 14:33	8/23/2023 16:40	127	0
466549	8/23/2023 14:35	8/23/2023 21:42	427	0
1511264	8/23/2023 14:38	8/23/2023 21:49	431	0
8590289	8/23/2023 14:38	8/23/2023 21:47	429	0
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1321605	8/23/2023 14:40	8/24/2023 0:28	588	0
8148103	8/23/2023 14:41	8/23/2023 21:43	422	0

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386123	8/23/2023 14:43	8/23/2023 16:58	135	0
801004	8/23/2023 14:52	8/24/2023 0:28	576	0
6623421	8/23/2023 15:10	8/23/2023 21:48	398	0
859747	8/23/2023 15:12	8/24/2023 0:28	556	0
860281	8/23/2023 15:19	8/23/2023 21:46	387	0
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997397	8/23/2023 15:31	8/23/2023 21:42	371	0
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980132	8/23/2023 15:41	8/23/2023 21:35	354	0
1985687	8/23/2023 15:43	8/23/2023 21:47	364	0
265473	8/23/2023 15:47	8/24/2023 0:28	521	0
6714863	8/23/2023 15:54	8/23/2023 21:48	354	0
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304345	8/23/2023 16:30	8/23/2023 21:47	317	0
581832	8/23/2023 16:40	8/23/2023 17:00	20	0
386123	8/23/2023 16:58	8/23/2023 21:42	284	0
1602508	8/23/2023 16:59	8/23/2023 21:43	284	0
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9063373	8/23/2023 17:49	8/24/2023 10:00	970	0
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1251782	8/23/2023 20:18	8/24/2023 10:00	821	0
1431804	8/23/2023 20:19	8/24/2023 9:21	782	0
274064	8/23/2023 20:21	8/24/2023 10:00	818	0
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558031	8/23/2023 20:24	8/24/2023 10:00	815	0
1356945	8/23/2023 20:24	8/24/2023 10:00	815	0
1552154	8/23/2023 20:24	8/24/2023 9:37	793	0
791510	8/23/2023 20:26	8/24/2023 10:00	813	0
1525793	8/23/2023 20:31	8/24/2023 9:44	793	0
8495802	8/23/2023 20:32	8/24/2023 10:00	807	0
1624452	8/23/2023 20:33	8/24/2023 10:00	806	0
8668965	8/23/2023 20:35	8/24/2023 10:00	804	0
378229	8/23/2023 20:37	8/24/2023 10:00	802	0
1432509	8/23/2023 20:40	8/24/2023 10:00	799	0
346288	8/23/2023 20:44	8/24/2023 10:00	795	0
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1524033	8/23/2023 20:54	8/24/2023 9:41	767	0

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345647	8/23/2023 20:59	8/24/2023 10:00	780	0
1301093	8/23/2023 20:59	8/24/2023 10:00	780	0
8621797	8/23/2023 21:01	8/24/2023 10:00	778	0
8104722	8/23/2023 21:07	8/24/2023 9:22	735	0
6961293	8/23/2023 21:10	8/24/2023 10:00	769	0
6168330	8/23/2023 21:19	8/24/2023 10:00	760	0
954637	8/23/2023 21:19	8/24/2023 10:00	760	0
1076617	8/23/2023 21:20	8/24/2023 10:00	759	0
8068454	8/23/2023 21:20	8/24/2023 10:00	759	0
324045	8/23/2023 21:21	8/24/2023 10:00	758	0
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1093833	8/23/2023 21:27	8/24/2023 10:00	752	0
7937779	8/23/2023 21:29	8/24/2023 10:00	750	0
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806370	8/23/2023 21:32	8/24/2023 10:00	747	0
587455	8/23/2023 21:32	8/24/2023 10:00	747	0
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980132	8/23/2023 21:35	8/24/2023 10:00	744	0
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456099	8/23/2023 21:40	8/24/2023 10:00	739	0
1576533	8/23/2023 21:41	8/24/2023 10:00	738	0
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466549	8/23/2023 21:42	8/24/2023 10:00	737	0
386123	8/23/2023 21:42	8/24/2023 10:00	737	0
997397	8/23/2023 21:42	8/24/2023 10:00	737	0
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860281	8/23/2023 21:46	8/24/2023 10:00	733	0
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6623421	8/23/2023 21:48	8/24/2023 10:00	731	0
6714863	8/23/2023 21:48	8/24/2023 10:00	731	0
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1111074	8/23/2023 21:50	8/24/2023 10:00	729	0
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1433697	8/23/2023 22:21	8/23/2023 22:29	8	0
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581832	8/23/2023 23:00	8/24/2023 0:55	115	0

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1321605	8/24/2023 0:28	8/24/2023 10:00	571	0
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507365	8/24/2023 0:28	8/24/2023 10:00	571	0
658177	8/24/2023 0:28	8/24/2023 10:00	571	0
9060927	8/24/2023 0:28	8/24/2023 10:00	571	0
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1553525	8/24/2023 0:28	8/24/2023 10:00	571	0
265473	8/24/2023 0:28	8/24/2023 10:00	571	0
800600	8/24/2023 0:28	8/24/2023 10:00	571	0
979888	8/24/2023 0:28	8/24/2023 10:00	571	0
859747	8/24/2023 0:28	8/24/2023 10:00	571	0
656628	8/24/2023 0:28	8/24/2023 10:00	571	0
1700586	8/24/2023 0:28	8/24/2023 10:00	571	0
316971	8/24/2023 0:28	8/24/2023 8:41	493	0
1190820	8/24/2023 0:28	8/24/2023 10:00	571	0
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1299402	8/24/2023 0:28	8/24/2023 10:00	571	0
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801004	8/24/2023 0:28	8/24/2023 10:00	571	0
1518241	8/24/2023 0:28	8/24/2023 9:26	538	0
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317233	8/24/2023 0:28	8/24/2023 10:00	571	0
1321750	8/24/2023 0:28	8/24/2023 10:00	571	0
315752	8/24/2023 0:28	8/24/2023 10:00	571	0
957615	8/24/2023 0:28	8/24/2023 10:00	571	0
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1503507	8/24/2023 0:28	8/24/2023 10:00	571	0
808829	8/24/2023 0:37	8/24/2023 10:00	562	0
643072	8/24/2023 0:44	8/24/2023 10:00	555	0
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24124	8/24/2023 9:27	8/24/2023 10:00	32	0
1430553	8/24/2023 9:31	8/24/2023 10:00	28	0
328570	8/24/2023 9:33	8/24/2023 10:00	26	0
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325050	8/24/2023 9:36	8/24/2023 10:00	23	0
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1309098	8/24/2023 9:54	8/24/2023 10:00	5	0
6761269	8/24/2023 9:59	8/24/2023 10:00	0	0
988262	8/24/2023 10:00	8/25/2023 10:00	1439	0
705447	8/24/2023 10:00	8/25/2023 10:00	1439	0
7533405	8/24/2023 10:00	8/24/2023 11:27	87	0
1553525	8/24/2023 10:00	8/24/2023 20:09	609	0
564357	8/24/2023 10:00	8/25/2023 10:00	1439	0
637185	8/24/2023 10:00	8/25/2023 10:00	1439	0
979888	8/24/2023 10:00	8/25/2023 0:28	868	0
264186	8/24/2023 10:00	8/25/2023 10:00	1439	0
1308096	8/24/2023 10:00	8/25/2023 10:00	1439	0
8495802	8/24/2023 10:00	8/24/2023 21:51	711	0
872542	8/24/2023 10:00	8/25/2023 10:00	1439	0
315345	8/24/2023 10:09	8/24/2023 20:11	602	0
957615	8/24/2023 10:11	8/24/2023 20:12	601	0
1700586	8/24/2023 10:11	8/25/2023 0:28	857	0
810130	8/24/2023 10:13	8/25/2023 0:28	855	0
1251782	8/24/2023 10:14	8/24/2023 20:15	601	0
49209	8/24/2023 10:16	8/24/2023 20:19	603	0
265473	8/24/2023 10:19	8/24/2023 20:17	598	0
506261	8/24/2023 10:21	8/24/2023 20:24	603	0.09
1551513	8/24/2023 10:23	8/25/2023 10:00	1416	0
1356945	8/24/2023 10:23	8/24/2023 20:21	598	0
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587455	8/24/2023 10:31	8/24/2023 20:31	600	0
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1546695	8/24/2023 10:37	8/24/2023 21:01	624	0
319726	8/24/2023 10:38	8/24/2023 20:41	603	0
507365	8/24/2023 10:39	8/25/2023 0:28	829	0
1362855	8/24/2023 10:39	8/24/2023 20:41	602	0
1190820	8/24/2023 10:40	8/24/2023 20:40	600	0
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1432509	8/24/2023 10:40	8/25/2023 0:28	828	0
1111074	8/24/2023 10:43	8/24/2023 20:41	598	0
346288	8/24/2023 10:44	8/24/2023 20:41	597	0
581832	8/24/2023 10:45	8/24/2023 11:25	40	0
1434359	8/24/2023 10:49	8/24/2023 20:51	602	0
8950281	8/24/2023 10:50	8/24/2023 20:47	597	0
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658177	8/24/2023 10:56	8/25/2023 0:28	812	0
1301093	8/24/2023 10:57	8/24/2023 21:01	604	0
378229	8/24/2023 10:57	8/24/2023 20:54	597	0.16
1403562	8/24/2023 10:59	8/24/2023 21:01	602	0
345647	8/24/2023 10:59	8/24/2023 20:54	595	0
1435127	8/24/2023 11:02	8/24/2023 21:06	604	0
985241	8/24/2023 11:02	8/24/2023 21:05	603	0
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274064	8/24/2023 11:05	8/24/2023 21:06	601	0
6168330	8/24/2023 11:06	8/24/2023 21:05	599	0.09
315484	8/24/2023 11:07	8/24/2023 21:11	604	0.09
1320646	8/24/2023 11:09	8/24/2023 21:10	601	0
656628	8/24/2023 11:10	8/25/2023 0:28	798	0
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1093833	8/24/2023 11:27	8/24/2023 21:25	598	0
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6961293	8/24/2023 11:40	8/24/2023 21:41	601	0
315346	8/24/2023 11:41	8/24/2023 21:38	597	0
352652	8/24/2023 11:45	8/25/2023 10:00	1334	0
321310	8/24/2023 11:52	8/24/2023 21:42	590	0

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6714863	8/24/2023 12:09	8/24/2023 21:47	578	0
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581832	8/24/2023 12:20	8/24/2023 21:40	560	0
323747	8/24/2023 12:25	8/24/2023 21:52	567	0
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793638	8/24/2023 12:40	8/24/2023 21:41	541	0
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1985687	8/24/2023 14:09	8/24/2023 21:50	461	0
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1457350	8/24/2023 14:35	8/24/2023 18:25	230	0
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7937779	8/24/2023 14:43	8/24/2023 21:48	425	0
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1681747	8/24/2023 14:54	8/24/2023 21:48	414	0
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1358945	8/24/2023 16:18	8/25/2023 0:28	490	0
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324290	8/24/2023 16:51	8/24/2023 21:42	291	0
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1664763	8/24/2023 18:25	8/24/2023 18:35	10	0
1457350	8/24/2023 18:25	8/25/2023 10:00	934	0
1664763	8/24/2023 18:35	8/24/2023 20:42	127	0
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506261	8/24/2023 20:24	8/25/2023 10:00	815	0
791510	8/24/2023 20:24	8/25/2023 10:00	815	0
954637	8/24/2023 20:30	8/25/2023 10:00	809	0
8621797	8/24/2023 20:30	8/25/2023 10:00	809	0
587455	8/24/2023 20:31	8/25/2023 10:00	808	0
51483	8/24/2023 20:32	8/25/2023 8:15	703	0
564518	8/24/2023 20:35	8/25/2023 10:00	804	0
1190820	8/24/2023 20:40	8/25/2023 10:00	799	0
319726	8/24/2023 20:41	8/25/2023 10:00	798	0
1111074	8/24/2023 20:41	8/25/2023 10:00	798	0
346288	8/24/2023 20:41	8/25/2023 10:00	798	0
1362855	8/24/2023 20:41	8/25/2023 9:53	792	0
1664763	8/24/2023 20:42	8/24/2023 21:13	31	0
8950281	8/24/2023 20:47	8/25/2023 10:00	792	0
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345647	8/24/2023 20:54	8/25/2023 10:00	785	0
378229	8/24/2023 20:54	8/25/2023 10:00	785	0
316997	8/24/2023 20:56	8/25/2023 10:00	783	0
1403562	8/24/2023 21:01	8/25/2023 10:00	778	0
1301093	8/24/2023 21:01	8/25/2023 10:00	778	0
1546695	8/24/2023 21:01	8/25/2023 10:00	778	0
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6168330	8/24/2023 21:05	8/25/2023 10:00	774	0
274064	8/24/2023 21:06	8/25/2023 10:00	773	0
1435127	8/24/2023 21:06	8/25/2023 10:00	773	0
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315484	8/24/2023 21:11	8/25/2023 10:00	768	0
304265	8/24/2023 21:13	8/25/2023 10:00	766	0
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8068454	8/24/2023 21:21	8/25/2023 10:00	758	0
1555376	8/24/2023 21:22	8/25/2023 10:00	757	0
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312766	8/24/2023 21:22	8/25/2023 10:00	757	0
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854579	8/24/2023 21:37	8/25/2023 10:00	742	0
315346	8/24/2023 21:38	8/25/2023 10:00	741	0
581832	8/24/2023 21:40	8/24/2023 22:05	25	0

1538299	8/24/2023 21:41	8/25/2023 10:00	738	0
1704326	8/24/2023 21:41	8/25/2023 8:56	675	0
6961293	8/24/2023 21:41	8/25/2023 10:00	738	0
793638	8/24/2023 21:41	8/25/2023 10:00	738	0
7879030	8/24/2023 21:41	8/25/2023 10:00	738	0
324290	8/24/2023 21:42	8/25/2023 8:06	624	0
321310	8/24/2023 21:42	8/25/2023 10:00	737	0
328408	8/24/2023 21:42	8/25/2023 10:00	737	0
806370	8/24/2023 21:43	8/25/2023 10:00	736	0
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1511264	8/24/2023 21:43	8/25/2023 10:00	736	0
496500	8/24/2023 21:44	8/25/2023 10:00	735	0
793690	8/24/2023 21:45	8/25/2023 10:00	734	0
1573666	8/24/2023 21:47	8/25/2023 10:00	732	0
6714863	8/24/2023 21:47	8/25/2023 10:00	732	0
1681747	8/24/2023 21:48	8/25/2023 10:00	731	0
7937779	8/24/2023 21:48	8/25/2023 10:00	731	0
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317126	8/24/2023 21:52	8/25/2023 10:00	727	0
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1358945	8/25/2023 0:28	8/25/2023 10:00	571	0
790670	8/25/2023 0:28	8/25/2023 10:00	571	0
8668965	8/25/2023 0:28	8/25/2023 10:00	571	0
663228	8/25/2023 0:28	8/25/2023 10:00	571	0
658177	8/25/2023 0:28	8/25/2023 10:00	571	0
810130	8/25/2023 0:28	8/25/2023 10:00	571	0
656628	8/25/2023 0:28	8/25/2023 10:00	571	0
1700586	8/25/2023 0:28	8/25/2023 10:00	571	0
808829	8/25/2023 0:28	8/25/2023 10:00	571	0
979888	8/25/2023 0:28	8/25/2023 10:00	571	0
549596	8/25/2023 0:28	8/25/2023 10:00	571	0
381338	8/25/2023 0:28	8/25/2023 10:00	571	0
507365	8/25/2023 0:28	8/25/2023 10:00	571	0
8734029	8/25/2023 0:28	8/25/2023 10:00	571	0
563721	8/25/2023 0:28	8/25/2023 10:00	571	0
772378	8/25/2023 0:28	8/25/2023 10:00	571	0

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1432509	8/25/2023 0:28	8/25/2023 10:00	571	0
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1299402	8/25/2023 0:28	8/25/2023 9:59	571	0
1664763	8/25/2023 4:08	8/25/2023 4:55	47	0
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581832	8/25/2023 6:30	8/25/2023 7:55	85	0
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980398	8/25/2023 8:01	8/25/2023 10:00	118	0
324290	8/25/2023 8:06	8/25/2023 10:00	113	0
964554	8/25/2023 8:07	8/25/2023 10:00	112	0
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561672	8/25/2023 8:33	8/25/2023 10:00	86	0
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1362855	8/25/2023 9:53	8/25/2023 10:00	6	0
315088	8/25/2023 9:55	8/25/2023 10:00	4	0
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705447	8/25/2023 10:00	8/26/2023 10:00	1439	0
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637185	8/25/2023 10:00	8/26/2023 10:00	1439	0
6961293	8/25/2023 10:00	8/26/2023 0:28	868	0
1518241	8/25/2023 10:00	8/26/2023 10:00	1439	0
564357	8/25/2023 10:00	8/26/2023 10:00	1439	0
6714863	8/25/2023 10:06	8/26/2023 0:28	862	0.19
9063373	8/25/2023 10:06	8/25/2023 20:04	598	0

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506261	8/25/2023 10:08	8/26/2023 0:28	860	0.07
316997	8/25/2023 10:08	8/26/2023 0:50	882	0.46
790670	8/25/2023 10:09	8/25/2023 20:12	603	0
7879030	8/25/2023 10:12	8/26/2023 0:28	856	0
1700586	8/25/2023 10:13	8/25/2023 20:11	598	0
806370	8/25/2023 10:14	8/26/2023 0:28	854	0
6761269	8/25/2023 10:14	8/26/2023 0:39	865	0
1251782	8/25/2023 10:15	8/26/2023 0:28	853	0
587455	8/25/2023 10:17	8/26/2023 0:28	851	0
265473	8/25/2023 10:18	8/25/2023 20:21	603	0
772378	8/25/2023 10:19	8/25/2023 20:23	604	0
507365	8/25/2023 10:20	8/25/2023 20:24	604	0
1309098	8/25/2023 10:22	8/25/2023 20:22	600	0.02
8148103	8/25/2023 10:25	8/26/2023 0:50	865	1.19
1356945	8/25/2023 10:25	8/26/2023 0:28	843	0
7533405	8/25/2023 10:28	8/26/2023 10:00	1411	0
1393633	8/25/2023 10:29	8/25/2023 20:27	598	0
979888	8/25/2023 10:29	8/25/2023 20:33	604	0
980132	8/25/2023 10:30	8/26/2023 0:28	838	0
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325050	8/25/2023 10:36	8/26/2023 0:28	832	0
793690	8/25/2023 10:36	8/26/2023 0:28	832	0.38
496500	8/25/2023 10:37	8/26/2023 0:28	831	0
800600	8/25/2023 10:38	8/25/2023 20:37	599	0.14
1190820	8/25/2023 10:39	8/25/2023 20:39	600	0
346288	8/25/2023 10:41	8/26/2023 0:39	838	0.38
957615	8/25/2023 10:44	8/25/2023 20:42	598	0
1301093	8/25/2023 10:45	8/26/2023 0:28	823	0.09
801004	8/25/2023 10:53	8/25/2023 20:51	598	0
315345	8/25/2023 10:53	8/25/2023 20:52	599	0.57
8668965	8/25/2023 10:54	8/26/2023 0:28	814	0
345647	8/25/2023 10:55	8/26/2023 2:44	949	0
954637	8/25/2023 10:56	8/26/2023 0:28	812	0.09
997397	8/25/2023 11:01	8/26/2023 0:28	807	0
315346	8/25/2023 11:07	8/25/2023 11:13	6	0
1320646	8/25/2023 11:10	8/25/2023 21:08	598	0.38
656628	8/25/2023 11:10	8/26/2023 0:28	798	0.21
315346	8/25/2023 11:13	8/26/2023 0:41	808	0.31
8950281	8/25/2023 11:18	8/26/2023 0:28	790	0
1320619	8/25/2023 11:21	8/25/2023 21:46	625	0
1076617	8/25/2023 11:21	8/26/2023 0:28	787	0
8068454	8/25/2023 11:21	8/26/2023 0:28	787	0
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2032900	8/25/2023 11:26	8/26/2023 0:28	782	0.19
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1406535	8/25/2023 11:27	8/26/2023 0:28	781	0.3
985241	8/25/2023 11:29	8/26/2023 0:28	779	0
583848	8/25/2023 11:29	8/26/2023 0:28	779	0
1704232	8/25/2023 11:33	8/26/2023 0:28	775	0.44
1430553	8/25/2023 11:34	8/26/2023 0:28	774	0.18
321310	8/25/2023 11:37	8/26/2023 0:28	771	0
1546695	8/25/2023 11:38	8/25/2023 21:36	598	0
324045	8/25/2023 11:39	8/26/2023 0:28	769	0
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328570	8/25/2023 11:48	8/26/2023 10:00	1331	0
8972545	8/25/2023 11:54	8/26/2023 0:28	754	0
1985687	8/25/2023 12:11	8/26/2023 0:32	741	0
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903630	8/25/2023 13:04	8/26/2023 10:00	1255	0
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1503507	8/25/2023 14:14	8/25/2023 21:50	456	0
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1555609	8/25/2023 14:21	8/26/2023 0:28	607	0
572882	8/25/2023 14:21	8/26/2023 0:28	607	0.14
643072	8/25/2023 14:24	8/25/2023 21:56	452	0
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563721	8/25/2023 14:30	8/26/2023 0:28	598	0
281456	8/25/2023 14:32	8/26/2023 0:39	607	0
572883	8/25/2023 14:34	8/26/2023 0:28	594	0
279780	8/25/2023 14:35	8/26/2023 0:37	602	0
1553525	8/25/2023 14:36	8/25/2023 21:58	442	0
1388092	8/25/2023 14:40	8/25/2023 22:02	442	0.02
466549	8/25/2023 14:49	8/25/2023 21:50	421	0.06
572916	8/25/2023 15:06	8/26/2023 0:28	562	0
1093833	8/25/2023 15:11	8/26/2023 0:28	557	0
1433697	8/25/2023 15:16	8/25/2023 22:15	419	0
561541	8/25/2023 15:24	8/26/2023 0:42	558	0
808829	8/25/2023 15:28	8/26/2023 0:28	540	0
1576533	8/25/2023 15:30	8/26/2023 0:28	538	0
1362130	8/25/2023 15:37	8/26/2023 0:28	531	0
1417138	8/25/2023 15:38	8/26/2023 0:28	530	0

328408	8/25/2023 15:38	8/26/2023 0:28	530	0
21820	8/25/2023 15:38	8/26/2023 0:28	530	0.08
281237	8/25/2023 15:50	8/26/2023 0:50	540	0
1552693	8/25/2023 16:04	8/25/2023 21:51	347	0
1580389	8/25/2023 16:05	8/26/2023 0:28	503	0
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1681747	8/25/2023 16:52	8/26/2023 0:28	456	0
389401	8/25/2023 17:13	8/26/2023 10:00	1006	0
1512146	8/25/2023 17:13	8/26/2023 0:28	435	0
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1190820	8/25/2023 20:39	8/26/2023 10:00	800	0
957615	8/25/2023 20:42	8/26/2023 10:00	797	0
801004	8/25/2023 20:51	8/26/2023 10:00	788	0
315345	8/25/2023 20:52	8/26/2023 10:00	787	0
1320646	8/25/2023 21:08	8/26/2023 10:00	771	0
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1320619	8/25/2023 21:46	8/26/2023 10:00	733	0
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1503507	8/25/2023 21:50	8/26/2023 9:44	714	0
1552693	8/25/2023 21:51	8/26/2023 10:00	728	0
1403562	8/25/2023 21:53	8/26/2023 10:00	726	0
643072	8/25/2023 21:56	8/26/2023 10:00	723	0
1553525	8/25/2023 21:58	8/26/2023 10:00	721	0
1388092	8/25/2023 22:02	8/26/2023 10:00	717	0
1433697	8/25/2023 22:15	8/25/2023 22:29	14	0
1433697	8/25/2023 22:29	8/25/2023 23:15	46	0
1433697	8/25/2023 23:15	8/25/2023 23:29	14	0

1433697	8/25/2023 23:29	8/26/2023 0:15	46	0
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1512146	8/26/2023 0:28	8/26/2023 10:00	571	0
7879030	8/26/2023 0:28	8/26/2023 10:00	571	0
121748	8/26/2023 0:28	8/26/2023 10:00	571	0
306565	8/26/2023 0:28	8/26/2023 10:00	571	0
5212517	8/26/2023 0:28	8/26/2023 10:00	571	0
1301093	8/26/2023 0:28	8/26/2023 10:00	571	0
793690	8/26/2023 0:28	8/26/2023 10:00	571	0
572882	8/26/2023 0:28	8/26/2023 10:00	571	0
8668965	8/26/2023 0:28	8/26/2023 10:00	571	0
6961293	8/26/2023 0:28	8/26/2023 10:00	571	0
8950281	8/26/2023 0:28	8/26/2023 10:00	571	0
587455	8/26/2023 0:28	8/26/2023 10:00	571	0
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321310	8/26/2023 0:28	8/26/2023 10:00	571	0
1076617	8/26/2023 0:28	8/26/2023 9:34	546	0
1576533	8/26/2023 0:28	8/26/2023 10:00	571	0
1681747	8/26/2023 0:28	8/26/2023 10:00	571	0
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9993140	8/26/2023 0:28	8/26/2023 10:00	571	0
1406535	8/26/2023 0:28	8/26/2023 8:01	453	0
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1704232	8/26/2023 0:28	8/26/2023 10:00	571	0
1555609	8/26/2023 0:28	8/26/2023 10:00	571	0
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954637	8/26/2023 0:28	8/26/2023 10:00	571	0
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8621797	8/26/2023 0:28	8/26/2023 10:00	571	0
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572916	8/26/2023 0:28	8/26/2023 10:00	571	0
1556919	8/26/2023 0:28	8/26/2023 9:51	563	0
21820	8/26/2023 0:28	8/26/2023 10:00	571	0
8387677	8/26/2023 0:28	8/26/2023 10:00	571	0
1093833	8/26/2023 0:28	8/26/2023 10:00	571	0
1417138	8/26/2023 0:28	8/26/2023 10:00	571	0
324045	8/26/2023 0:28	8/26/2023 10:00	571	0
583848	8/26/2023 0:28	8/26/2023 10:00	571	0

1387226	8/26/2023 0:28	8/26/2023 10:00	571	0
8972545	8/26/2023 0:28	8/26/2023 10:00	571	0
1251782	8/26/2023 0:28	8/26/2023 10:00	571	0
8068454	8/26/2023 0:28	8/26/2023 10:00	571	0
506261	8/26/2023 0:28	8/26/2023 10:00	571	0
1368745	8/26/2023 0:28	8/26/2023 9:18	530	0
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49209	8/26/2023 0:28	8/26/2023 10:00	571	0
563721	8/26/2023 0:28	8/26/2023 10:00	571	0
997397	8/26/2023 0:28	8/26/2023 10:00	571	0
6503956	8/26/2023 0:28	8/26/2023 10:00	571	0
806370	8/26/2023 0:28	8/26/2023 10:00	571	0
309944	8/26/2023 0:28	8/26/2023 10:00	571	0
658177	8/26/2023 0:28	8/26/2023 10:00	571	0
6714863	8/26/2023 0:28	8/26/2023 10:00	571	0
808829	8/26/2023 0:28	8/26/2023 10:00	571	0
496500	8/26/2023 0:28	8/26/2023 10:00	571	0
304345	8/26/2023 0:28	8/26/2023 10:00	571	0
386123	8/26/2023 0:28	8/26/2023 10:00	571	0
1518502	8/26/2023 0:28	8/26/2023 10:00	571	0
1433697	8/26/2023 0:29	8/26/2023 1:37	68	0
1985687	8/26/2023 0:32	8/26/2023 10:00	567	0
279780	8/26/2023 0:37	8/26/2023 10:00	562	0
346288	8/26/2023 0:39	8/26/2023 10:00	560	0
281456	8/26/2023 0:39	8/26/2023 10:00	560	0
6761269	8/26/2023 0:39	8/26/2023 10:00	560	0
315346	8/26/2023 0:41	8/26/2023 10:00	558	0
561541	8/26/2023 0:42	8/26/2023 10:00	557	0
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8148103	8/26/2023 0:50	8/26/2023 10:00	549	0
281237	8/26/2023 0:50	8/26/2023 10:00	549	0
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1433697	8/26/2023 1:37	8/26/2023 8:26	409	0
345647	8/26/2023 2:44	8/26/2023 10:00	435	0
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581832	8/26/2023 6:40	8/26/2023 7:30	50	0
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1406535	8/26/2023 8:01	8/26/2023 10:00	118	0
324290	8/26/2023 8:21	8/26/2023 10:00	98	0
1433697	8/26/2023 8:26	8/26/2023 8:29	3	0
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8511623	8/26/2023 8:39	8/26/2023 10:00	80	0
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1704326	8/26/2023 9:11	8/26/2023 10:00	48	0
1368745	8/26/2023 9:18	8/26/2023 10:00	41	0
325050	8/26/2023 9:20	8/26/2023 10:00	39	0
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1321605	8/26/2023 9:24	8/26/2023 10:00	35	0
581832	8/26/2023 9:25	8/26/2023 9:35	10	0
1356945	8/26/2023 9:26	8/26/2023 10:00	33	0
1076617	8/26/2023 9:34	8/26/2023 10:00	25	0
581832	8/26/2023 9:35	8/26/2023 10:00	24	0
51483	8/26/2023 9:35	8/26/2023 10:00	24	0
1503507	8/26/2023 9:44	8/26/2023 10:00	15	0
561672	8/26/2023 9:45	8/26/2023 10:00	14	0
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1390184	8/26/2023 9:52	8/26/2023 10:00	7	0
1320008	8/26/2023 9:55	8/26/2023 10:00	4	0
1362855	8/26/2023 9:56	8/26/2023 10:00	3	0
1493132	8/26/2023 9:57	8/26/2023 10:00	2	0
46184	8/26/2023 10:00	8/27/2023 10:00	1439	0
988262	8/26/2023 10:00	8/27/2023 10:00	1439	0
264186	8/26/2023 10:00	8/27/2023 10:00	1439	0
705447	8/26/2023 10:00	8/27/2023 10:00	1439	0
389401	8/26/2023 10:00	8/27/2023 10:00	1439	0
637185	8/26/2023 10:00	8/27/2023 10:00	1439	0
1308096	8/26/2023 10:00	8/27/2023 10:00	1439	0
564357	8/26/2023 10:00	8/27/2023 10:00	1439	0.01
872542	8/26/2023 10:00	8/27/2023 10:00	1439	0
1557100	8/26/2023 10:02	8/27/2023 0:28	866	0.08
581074	8/26/2023 10:07	8/27/2023 0:28	861	0
1387226	8/26/2023 10:09	8/27/2023 0:29	860	0
957615	8/26/2023 10:10	8/27/2023 0:28	858	0
2032900	8/26/2023 10:11	8/27/2023 0:28	857	0.25
1700586	8/26/2023 10:11	8/27/2023 0:28	857	0.18
808829	8/26/2023 10:11	8/27/2023 0:28	857	0
6961293	8/26/2023 10:11	8/26/2023 20:10	599	0.2
1985687	8/26/2023 10:12	8/26/2023 21:14	662	0
7533405	8/26/2023 10:15	8/26/2023 14:28	253	0.46
1553245	8/26/2023 10:17	8/27/2023 0:28	851	0
583848	8/26/2023 10:17	8/26/2023 20:14	597	0
496500	8/26/2023 10:19	8/26/2023 21:32	673	0
8950281	8/26/2023 10:19	8/26/2023 20:17	598	0
274064	8/26/2023 10:21	8/26/2023 20:38	617	0
1320646	8/26/2023 10:22	8/27/2023 0:28	846	0.46
1517747	8/26/2023 10:24	8/27/2023 10:00	1415	0
1511251	8/26/2023 10:25	8/27/2023 0:28	843	0
1190820	8/26/2023 10:26	8/26/2023 20:26	600	0.66
1433697	8/26/2023 10:29	8/27/2023 10:00	1410.2	0

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979888	8/26/2023 10:33	8/27/2023 0:28	835	0
1586005	8/26/2023 10:36	8/26/2023 20:35	599	0
6623421	8/26/2023 10:36	8/26/2023 20:35	599	0.15
321310	8/26/2023 10:37	8/26/2023 20:41	604	0
772378	8/26/2023 10:38	8/27/2023 0:28	830	0
810130	8/26/2023 10:39	8/27/2023 0:28	829	0
564518	8/26/2023 10:40	8/26/2023 20:40	600	0
1517239	8/26/2023 10:41	8/27/2023 10:00	1398	0
1320619	8/26/2023 10:41	8/26/2023 20:41	600	0
1552699	8/26/2023 10:48	8/26/2023 20:47	599	0.59
1514004	8/26/2023 10:49	8/27/2023 0:28	819	0.26
980132	8/26/2023 10:49	8/26/2023 20:47	598	0
1464949	8/26/2023 10:51	8/26/2023 20:49	598	0
1362130	8/26/2023 10:52	8/27/2023 0:28	816	0
1511264	8/26/2023 10:55	8/26/2023 20:55	600	0.49
6714863	8/26/2023 10:55	8/26/2023 20:54	599	0.49
1518000	8/26/2023 10:55	8/26/2023 20:53	598	0.06
343205	8/26/2023 10:56	8/26/2023 21:50	654	0
581832	8/26/2023 11:00	8/26/2023 13:30	150	0
587455	8/26/2023 11:02	8/26/2023 21:02	600	0
281237	8/26/2023 11:03	8/26/2023 21:06	603	0.02
1552790	8/26/2023 11:06	8/27/2023 0:28	802	0
658177	8/26/2023 11:08	8/27/2023 0:28	800	0.37
800600	8/26/2023 11:10	8/27/2023 0:28	798	0.39
1388092	8/26/2023 11:11	8/27/2023 0:30	799	0.08
1557303	8/26/2023 11:17	8/27/2023 0:28	791	0.44
572883	8/26/2023 11:18	8/27/2023 0:28	790	0.38
48217	8/26/2023 11:19	8/27/2023 0:28	789	1.56
281456	8/26/2023 11:20	8/27/2023 0:28	788	0
801004	8/26/2023 11:21	8/27/2023 0:28	787	0
1321750	8/26/2023 11:25	8/26/2023 21:26	601	1.96
7879030	8/26/2023 11:26	8/26/2023 21:26	600	0
656628	8/26/2023 11:26	8/27/2023 0:28	782	0.08
6761269	8/26/2023 11:28	8/26/2023 21:25	597	0
304345	8/26/2023 11:30	8/26/2023 21:31	601	0
997397	8/26/2023 11:31	8/26/2023 21:30	599	0
1557188	8/26/2023 11:32	8/26/2023 21:35	603	0
643072	8/26/2023 11:36	8/27/2023 0:28	772	0
572790	8/26/2023 11:37	8/27/2023 0:28	771	0.36
6733217	8/26/2023 11:45	8/26/2023 21:46	601	0.1
479880	8/26/2023 11:48	8/27/2023 0:28	760	0
793638	8/26/2023 11:53	8/26/2023 21:46	593	0
1518241	8/26/2023 12:00	8/27/2023 0:28	748	0
8621797	8/26/2023 12:13	8/26/2023 22:01	588	0
1393633	8/26/2023 12:14	8/27/2023 0:28	734	0
1602508	8/26/2023 12:16	8/26/2023 21:55	579	0.03

791510	8/26/2023 12:39	8/26/2023 21:50	551	0.09
1671261	8/26/2023 12:43	8/27/2023 10:00	1276	0
1576533	8/26/2023 13:01	8/26/2023 22:00	539	0.61
663228	8/26/2023 13:25	8/27/2023 10:00	1234	0
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8972545	8/26/2023 13:51	8/27/2023 0:28	637	0
8734029	8/26/2023 13:58	8/27/2023 0:28	630	0
985241	8/26/2023 14:00	8/26/2023 21:43	463	0
854579	8/26/2023 14:03	8/26/2023 21:50	467	0
1075503	8/26/2023 14:11	8/26/2023 21:48	457	0
1432509	8/26/2023 14:12	8/27/2023 0:28	616	0
456099	8/26/2023 14:22	8/27/2023 10:00	1177	0
324045	8/26/2023 14:22	8/26/2023 22:01	459	0
1552154	8/26/2023 14:23	8/26/2023 21:59	456	0.08
7533405	8/26/2023 14:28	8/27/2023 10:00	1171	0
160073	8/26/2023 14:28	8/26/2023 21:43	435	0
304265	8/26/2023 14:28	8/26/2023 21:58	450	0
8564413	8/26/2023 14:28	8/27/2023 0:28	600	0
346288	8/26/2023 14:29	8/27/2023 0:28	599	0
1343695	8/26/2023 14:33	8/26/2023 21:49	436	0
1332906	8/26/2023 14:33	8/27/2023 0:28	595	0
1704232	8/26/2023 14:35	8/27/2023 0:28	593	0.4
558031	8/26/2023 14:37	8/27/2023 10:00	1162	0
1093833	8/26/2023 14:38	8/26/2023 21:44	426	0
8668965	8/26/2023 14:39	8/27/2023 0:28	589	0
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1363236	8/26/2023 14:47	8/27/2023 0:28	581	0
99902	8/26/2023 14:49	8/26/2023 14:53	4	0
49209	8/26/2023 14:49	8/26/2023 21:54	425	0
1580389	8/26/2023 14:50	8/27/2023 0:28	578	0
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99902	8/26/2023 14:53	8/26/2023 21:51	418	0
724232	8/26/2023 15:04	8/27/2023 0:28	564	0
386123	8/26/2023 15:11	8/26/2023 21:50	399	0
466549	8/26/2023 15:20	8/26/2023 21:48	388	0
1251782	8/26/2023 15:30	8/26/2023 21:56	386	0
954637	8/26/2023 15:44	8/26/2023 21:46	362	0
1430553	8/26/2023 15:49	8/26/2023 21:57	368	0.28
1518502	8/26/2023 16:00	8/27/2023 0:28	508	0
1512146	8/26/2023 16:08	8/27/2023 0:28	500	0
307661	8/26/2023 16:12	8/26/2023 21:54	342	0
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6503956	8/26/2023 16:56	8/26/2023 21:48	292	0
1431752	8/26/2023 18:43	8/27/2023 10:00	916	0

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583848	8/26/2023 20:14	8/27/2023 10:00	825	0
8950281	8/26/2023 20:17	8/27/2023 8:48	751	0
1190820	8/26/2023 20:26	8/27/2023 10:00	813	0
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1586005	8/26/2023 20:35	8/27/2023 10:00	804	0
6623421	8/26/2023 20:35	8/27/2023 10:00	804	0
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564518	8/26/2023 20:40	8/27/2023 10:00	799	0
321310	8/26/2023 20:41	8/27/2023 10:00	798	0
1320619	8/26/2023 20:41	8/27/2023 10:00	798	0
1552699	8/26/2023 20:47	8/27/2023 10:00	792	0
980132	8/26/2023 20:47	8/27/2023 10:00	792	0
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587455	8/26/2023 21:02	8/27/2023 10:00	777	0
281237	8/26/2023 21:06	8/27/2023 10:00	773	0
1985687	8/26/2023 21:14	8/27/2023 10:00	765	0
6761269	8/26/2023 21:25	8/27/2023 10:00	754	0
7879030	8/26/2023 21:26	8/27/2023 10:00	753	0
1321750	8/26/2023 21:26	8/27/2023 10:00	753	0
997397	8/26/2023 21:30	8/27/2023 10:00	749	0
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985241	8/26/2023 21:43	8/27/2023 10:00	736	0
160073	8/26/2023 21:43	8/27/2023 10:00	736	0
1093833	8/26/2023 21:44	8/27/2023 10:00	735	0
954637	8/26/2023 21:46	8/27/2023 10:00	733	0
793638	8/26/2023 21:46	8/27/2023 10:00	733	0
6733217	8/26/2023 21:46	8/27/2023 10:00	733	0
6503956	8/26/2023 21:48	8/27/2023 10:00	731	0
1075503	8/26/2023 21:48	8/27/2023 10:00	731	0
466549	8/26/2023 21:48	8/27/2023 10:00	731	0
1343695	8/26/2023 21:49	8/27/2023 10:00	730	0
386123	8/26/2023 21:50	8/27/2023 10:00	729	0
791510	8/26/2023 21:50	8/27/2023 10:00	729	0
854579	8/26/2023 21:50	8/27/2023 10:00	729	0
343205	8/26/2023 21:50	8/27/2023 10:00	729	0
306565	8/26/2023 21:51	8/27/2023 10:00	728	0
99902	8/26/2023 21:51	8/27/2023 10:00	728	0
49209	8/26/2023 21:54	8/27/2023 10:00	725	0
307661	8/26/2023 21:54	8/27/2023 10:00	725	0

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1251782	8/26/2023 21:56	8/27/2023 10:00	723	0
1430553	8/26/2023 21:57	8/27/2023 10:00	722	0
304265	8/26/2023 21:58	8/27/2023 10:00	721	0
5212517	8/26/2023 21:58	8/27/2023 10:00	721	0
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1576533	8/26/2023 22:00	8/27/2023 10:00	719	0
324045	8/26/2023 22:01	8/27/2023 10:00	718	0
8621797	8/26/2023 22:01	8/27/2023 9:57	716	0
345647	8/26/2023 22:05	8/27/2023 10:00	714	0
643072	8/27/2023 0:28	8/27/2023 10:00	571	0
2032900	8/27/2023 0:28	8/27/2023 10:00	571	0
8734029	8/27/2023 0:28	8/27/2023 10:00	571	0
658177	8/27/2023 0:28	8/27/2023 10:00	571	0
1518241	8/27/2023 0:28	8/27/2023 10:00	571	0
1432509	8/27/2023 0:28	8/27/2023 10:00	571	0
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1320646	8/27/2023 0:28	8/27/2023 10:00	571	0
48217	8/27/2023 0:28	8/27/2023 10:00	571	0
1362130	8/27/2023 0:28	8/27/2023 10:00	571	0
810130	8/27/2023 0:28	8/27/2023 10:00	571	0
8668965	8/27/2023 0:28	8/27/2023 10:00	571	0
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724232	8/27/2023 0:28	8/27/2023 10:00	571	0
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8972545	8/27/2023 0:28	8/27/2023 10:00	571	0
1332906	8/27/2023 0:28	8/27/2023 10:00	571	0
1518502	8/27/2023 0:28	8/27/2023 10:00	571	0
346288	8/27/2023 0:28	8/27/2023 10:00	571	0
1704232	8/27/2023 0:28	8/27/2023 10:00	571	0
808829	8/27/2023 0:28	8/27/2023 10:00	571	0
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772378	8/27/2023 0:28	8/27/2023 10:00	571	0
656628	8/27/2023 0:28	8/27/2023 10:00	571	0
1552790	8/27/2023 0:28	8/27/2023 10:00	571	0
790670	8/27/2023 0:28	8/27/2023 10:00	571	0
801004	8/27/2023 0:28	8/27/2023 10:00	571	0
8564413	8/27/2023 0:28	8/27/2023 10:00	571	0

1514004	8/27/2023 0:28	8/27/2023 10:00	571	0
572790	8/27/2023 0:28	8/27/2023 10:00	571	0
281456	8/27/2023 0:28	8/27/2023 7:28	420	0
957615	8/27/2023 0:28	8/27/2023 10:00	571	0
572883	8/27/2023 0:28	8/27/2023 10:00	571	0
1387226	8/27/2023 0:29	8/27/2023 10:00	570	0
1388092	8/27/2023 0:30	8/27/2023 10:00	569	0
581832	8/27/2023 0:30	8/27/2023 1:15	45	0
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51483	8/27/2023 8:45	8/27/2023 10:00	74	0
8950281	8/27/2023 8:48	8/27/2023 10:00	71	0
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581832	8/27/2023 9:00	8/27/2023 10:00	59	0
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1356945	8/27/2023 9:09	8/27/2023 10:00	50	0
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309944	8/27/2023 9:48	8/27/2023 10:00	11	0
1525793	8/27/2023 9:53	8/27/2023 10:00	6	0
8621797	8/27/2023 9:57	8/27/2023 10:00	2	0
705447	8/27/2023 10:00	8/28/2023 10:00	1439	0
997397	8/27/2023 10:00	8/28/2023 0:28	868	0
46184	8/27/2023 10:00	8/28/2023 10:00	1439	0
264186	8/27/2023 10:00	8/28/2023 10:00	1439	0
1308096	8/27/2023 10:00	8/28/2023 10:00	1439	0
988262	8/27/2023 10:00	8/28/2023 10:00	1439	0
304265	8/27/2023 10:00	8/28/2023 10:00	1439	0
637185	8/27/2023 10:00	8/28/2023 10:00	1439	0
564357	8/27/2023 10:00	8/28/2023 10:00	1439	0
1434359	8/27/2023 10:00	8/28/2023 10:00	1439	0
872542	8/27/2023 10:00	8/28/2023 10:00	1439	0
496500	8/27/2023 10:07	8/28/2023 0:28	861	0
6961293	8/27/2023 10:08	8/28/2023 0:28	860	0.02
1552154	8/27/2023 10:09	8/28/2023 0:28	859	0.59
8734029	8/27/2023 10:10	8/28/2023 0:28	858	0
1251782	8/27/2023 10:17	8/28/2023 0:28	851	0
581074	8/27/2023 10:19	8/28/2023 0:28	849	0

772378	8/27/2023 10:21	8/28/2023 0:28	847	0
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1190820	8/27/2023 10:24	8/28/2023 0:28	844	0
321310	8/27/2023 10:24	8/28/2023 0:28	844	0
6714863	8/27/2023 10:25	8/28/2023 0:28	843	0
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810130	8/27/2023 10:28	8/28/2023 0:28	840	0
7533405	8/27/2023 10:30	8/27/2023 11:49	79	0.01
1700586	8/27/2023 10:30	8/28/2023 0:28	838	0.58
1493132	8/27/2023 10:31	8/28/2023 0:28	837	0
1388092	8/27/2023 10:38	8/28/2023 0:28	830	1.05
1586005	8/27/2023 10:39	8/28/2023 0:28	829	0
808829	8/27/2023 10:40	8/28/2023 0:28	828	0
1432509	8/27/2023 10:41	8/28/2023 0:28	827	0
563721	8/27/2023 10:46	8/28/2023 0:28	822	0
308032	8/27/2023 10:47	8/28/2023 0:28	821	1.68
1704232	8/27/2023 10:51	8/28/2023 0:28	817	0.22
308859	8/27/2023 10:51	8/28/2023 0:28	817	0.2
1417138	8/27/2023 10:54	8/28/2023 0:28	814	0
564518	8/27/2023 10:55	8/28/2023 0:28	813	0
1320646	8/27/2023 10:55	8/28/2023 0:28	813	0.84
658177	8/27/2023 10:56	8/28/2023 0:28	812	0.94
1301093	8/27/2023 10:57	8/28/2023 0:28	811	0.69
583848	8/27/2023 10:59	8/28/2023 0:28	809	0
325050	8/27/2023 11:06	8/28/2023 0:28	802	0
309265	8/27/2023 11:06	8/28/2023 0:28	802	0.25
1320619	8/27/2023 11:10	8/28/2023 0:28	798	0
8668965	8/27/2023 11:11	8/28/2023 0:28	797	0.16
957615	8/27/2023 11:12	8/28/2023 0:28	796	0
656628	8/27/2023 11:12	8/28/2023 0:28	796	0.04
259674	8/27/2023 11:13	8/28/2023 0:28	795	0
1514004	8/27/2023 11:17	8/28/2023 0:28	791	0.86
8564413	8/27/2023 11:21	8/28/2023 0:28	787	0
324045	8/27/2023 11:22	8/28/2023 0:28	786	0
1093833	8/27/2023 11:23	8/28/2023 0:28	785	0.02
1309098	8/27/2023 11:24	8/28/2023 0:28	784	0.01
1321750	8/27/2023 11:24	8/28/2023 0:28	784	0
1075503	8/27/2023 11:25	8/28/2023 0:28	783	0
587455	8/27/2023 11:27	8/28/2023 0:28	781	0
304345	8/27/2023 11:29	8/28/2023 0:28	779	0
954637	8/27/2023 11:29	8/28/2023 0:28	779	0.34
1437071	8/27/2023 11:38	8/28/2023 0:28	770	0
1443586	8/27/2023 11:39	8/28/2023 10:00	1340	0
507365	8/27/2023 11:41	8/28/2023 0:28	767	0
1985687	8/27/2023 11:42	8/28/2023 0:28	766	0
7533405	8/27/2023 11:49	8/28/2023 10:00	1330	0

1362130	8/27/2023 11:51	8/28/2023 0:28	757	0
1551513	8/27/2023 11:52	8/28/2023 0:28	756	0
1387226	8/27/2023 11:57	8/28/2023 0:28	751	0
8511623	8/27/2023 12:23	8/28/2023 0:28	725	0
1671261	8/27/2023 12:25	8/28/2023 10:00	1294	0
643072	8/27/2023 12:49	8/27/2023 13:37	48	0
572883	8/27/2023 13:04	8/28/2023 0:28	684	0.01
1076617	8/27/2023 13:05	8/28/2023 0:28	683	0
1270983	8/27/2023 13:07	8/28/2023 10:00	1252	0
8972545	8/27/2023 13:37	8/28/2023 0:28	651	0
643072	8/27/2023 13:37	8/28/2023 0:28	651	0
1526024	8/27/2023 13:37	8/28/2023 0:28	651	0
1517747	8/27/2023 13:39	8/28/2023 10:00	1220	0
281456	8/27/2023 13:41	8/28/2023 10:00	1218	0
1527339	8/27/2023 13:53	8/28/2023 0:28	635	0
6623421	8/27/2023 14:06	8/28/2023 0:28	622	0
1511251	8/27/2023 14:09	8/28/2023 10:00	1190	0
346288	8/27/2023 14:16	8/28/2023 10:00	1183	0
265447	8/27/2023 14:21	8/28/2023 0:28	607	0.02
964554	8/27/2023 14:37	8/28/2023 0:28	591	0
1299402	8/27/2023 14:44	8/28/2023 0:28	584	0
479880	8/27/2023 15:03	8/28/2023 0:28	565	0
1503507	8/27/2023 15:43	8/28/2023 0:28	525	0
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8972545	8/28/2023 0:28	8/28/2023 10:00	571	0
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8734029	8/28/2023 0:28	8/28/2023 10:00	571	0
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1393633	8/28/2023 0:28	8/28/2023 10:00	571	0
8564413	8/28/2023 0:28	8/28/2023 10:00	571	0
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1431752	8/28/2023 0:28	8/28/2023 10:00	571	0
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321310	8/28/2023 0:28	8/28/2023 10:00	571	0
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343205	8/28/2023 0:28	8/28/2023 10:00	571	0
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274064	8/28/2023 0:28	8/28/2023 10:00	571	0
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772378	8/28/2023 0:28	8/28/2023 10:00	571	0
1251782	8/28/2023 0:28	8/28/2023 10:00	571	0
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307661	8/28/2023 0:28	8/28/2023 10:00	571	0
304345	8/28/2023 0:28	8/28/2023 10:00	571	0
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1681747	8/28/2023 0:28	8/28/2023 10:00	571	0
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1526024	8/28/2023 0:28	8/28/2023 10:00	571	0
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324290	8/28/2023 0:28	8/28/2023 10:00	571	0
563721	8/28/2023 0:28	8/28/2023 10:00	571	0
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6761269	8/28/2023 0:28	8/28/2023 10:00	571	0
328408	8/28/2023 0:28	8/28/2023 10:00	571	0
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49209	8/28/2023 0:28	8/28/2023 10:00	571	0
1551513	8/28/2023 0:28	8/28/2023 10:00	571	0
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656628	8/28/2023 0:28	8/28/2023 10:00	571	0
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324045	8/28/2023 0:28	8/28/2023 10:00	571	0
8668965	8/28/2023 0:28	8/28/2023 10:00	571	0
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1704232	8/28/2023 0:28	8/28/2023 10:00	571	0
507365	8/28/2023 0:28	8/28/2023 10:00	571	0
1301093	8/28/2023 0:28	8/28/2023 10:00	571	0
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808829	8/28/2023 0:28	8/28/2023 10:00	571	0
859747	8/28/2023 0:28	8/28/2023 10:00	571	0
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281237	8/28/2023 0:28	8/28/2023 10:00	571	0
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6714863	8/28/2023 0:28	8/28/2023 10:00	571	0
479880	8/28/2023 0:28	8/28/2023 10:00	571	0
1700586	8/28/2023 0:28	8/28/2023 10:00	571	0
1406535	8/28/2023 0:28	8/28/2023 10:00	571	0
345647	8/28/2023 0:28	8/28/2023 10:00	571	0
1518000	8/28/2023 0:33	8/28/2023 10:00	566	0
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389401	8/28/2023 0:59	8/28/2023 10:00	540	0
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1309098	8/28/2023 9:53	8/28/2023 10:00	6	0
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323747	8/28/2023 9:55	8/28/2023 10:00	4	0
564357	8/28/2023 10:00	8/29/2023 10:00	1439	0
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705447	8/28/2023 10:00	8/29/2023 10:00	1439	0
988262	8/28/2023 10:00	8/29/2023 10:00	1439	0
46184	8/28/2023 10:00	8/29/2023 10:00	1439	0
1247921	8/28/2023 10:00	8/29/2023 10:00	1439	0
1190820	8/28/2023 10:00	8/28/2023 20:26	626	0
264186	8/28/2023 10:00	8/29/2023 10:00	1439	0
1518241	8/28/2023 10:00	8/29/2023 10:00	1439	0
637185	8/28/2023 10:00	8/29/2023 10:00	1439	0
1514004	8/28/2023 10:01	8/28/2023 20:32	631	0
324290	8/28/2023 10:06	8/28/2023 20:07	601	0
496500	8/28/2023 10:07	8/29/2023 0:28	861	0
581832	8/28/2023 10:08	8/28/2023 12:11	123	0
1356945	8/28/2023 10:09	8/29/2023 0:28	859	0
8734029	8/28/2023 10:09	8/28/2023 20:13	604	0
6961293	8/28/2023 10:10	8/29/2023 0:28	858	0
964554	8/28/2023 10:11	8/29/2023 10:00	1428	0
957615	8/28/2023 10:13	8/28/2023 20:12	599	0
7533405	8/28/2023 10:13	8/28/2023 13:01	168	0
1493132	8/28/2023 10:14	8/28/2023 20:14	600	0
1573666	8/28/2023 10:14	8/28/2023 20:17	603	0
1251782	8/28/2023 10:15	8/29/2023 0:28	853	0
1700586	8/28/2023 10:16	8/28/2023 20:16	600	0
1076617	8/28/2023 10:16	8/28/2023 20:17	601	0
772378	8/28/2023 10:19	8/28/2023 20:19	600	0
274064	8/28/2023 10:21	8/28/2023 20:19	598	0
321310	8/28/2023 10:23	8/28/2023 20:24	601	0
6714863	8/28/2023 10:24	8/29/2023 0:28	844	0.19
315088	8/28/2023 10:24	8/28/2023 20:25	601	0

1299402	8/28/2023 10:25	8/28/2023 20:28	603	0
954637	8/28/2023 10:28	8/29/2023 0:28	840	0.09
791361	8/28/2023 10:29	8/28/2023 20:30	601	0
800600	8/28/2023 10:31	8/28/2023 20:26	595	0.07
1368745	8/28/2023 10:33	8/29/2023 0:28	835	0
507365	8/28/2023 10:36	8/28/2023 20:39	603	0
324045	8/28/2023 10:37	8/29/2023 0:28	831	0
791510	8/28/2023 10:39	8/29/2023 0:28	829	0
564518	8/28/2023 10:41	8/29/2023 0:28	827	0
315345	8/28/2023 10:41	8/28/2023 20:40	599	0
801004	8/28/2023 10:43	8/28/2023 20:43	600	0
1301093	8/28/2023 10:45	8/29/2023 0:28	823	0
49209	8/28/2023 10:46	8/29/2023 0:28	822	0
1515964	8/28/2023 10:46	8/28/2023 20:46	600	0
587455	8/28/2023 10:47	8/29/2023 0:28	821	0
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790670	8/28/2023 10:56	8/28/2023 20:52	596	0
1618427	8/28/2023 11:00	8/29/2023 0:28	808	0
583848	8/28/2023 11:00	8/29/2023 0:28	808	0
1093833	8/28/2023 11:11	8/29/2023 0:28	797	0
658177	8/28/2023 11:11	8/28/2023 21:07	596	0.06
5212517	8/28/2023 11:12	8/29/2023 0:28	796	0
1503507	8/28/2023 11:13	8/28/2023 21:16	603	0
1618372	8/28/2023 11:13	8/29/2023 0:28	795	0
315346	8/28/2023 11:16	8/29/2023 0:28	792	0
1619927	8/28/2023 11:19	8/29/2023 0:28	789	0
581074	8/28/2023 11:20	8/29/2023 0:28	788	0
1524033	8/28/2023 11:23	8/29/2023 0:28	785	0
656628	8/28/2023 11:24	8/28/2023 21:24	600	0
1985687	8/28/2023 11:25	8/29/2023 0:28	783	0
793690	8/28/2023 11:25	8/29/2023 0:28	783	0
1432509	8/28/2023 11:26	8/29/2023 0:28	782	0
1576533	8/28/2023 11:27	8/28/2023 12:14	47	0
1546695	8/28/2023 11:36	8/28/2023 21:38	602	0
328408	8/28/2023 11:37	8/29/2023 0:28	771	0
323657	8/28/2023 11:38	8/29/2023 0:28	770	0
1388092	8/28/2023 11:39	8/28/2023 21:41	602	0
1406535	8/28/2023 11:59	8/29/2023 0:28	749	0
309961	8/28/2023 12:02	8/29/2023 0:28	746	0
985241	8/28/2023 12:03	8/29/2023 0:28	745	0
581832	8/28/2023 12:11	8/28/2023 13:51	100	0
1576533	8/28/2023 12:14	8/29/2023 0:28	734	0
1526024	8/28/2023 12:16	8/28/2023 21:47	571	0
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1403562	8/28/2023 12:57	8/28/2023 21:58	541	0
7533405	8/28/2023 13:01	8/29/2023 10:00	1258	0

1704232	8/28/2023 13:03	8/29/2023 0:28	685	0
8972545	8/28/2023 13:06	8/29/2023 0:28	682	0
28451	8/28/2023 13:12	8/29/2023 10:00	1247	0
1527339	8/28/2023 13:28	8/29/2023 0:28	660	0
348328	8/28/2023 13:33	8/29/2023 10:00	1226	0
581832	8/28/2023 13:51	8/28/2023 14:29	38	0
643072	8/28/2023 13:54	8/28/2023 21:59	485	0
304345	8/28/2023 14:02	8/29/2023 0:28	626	0
1362130	8/28/2023 14:09	8/29/2023 0:28	619	0
8104722	8/28/2023 14:11	8/29/2023 0:28	617	0
1387226	8/28/2023 14:22	8/28/2023 14:54	32	0
317126	8/28/2023 14:24	8/29/2023 0:28	604	0
1355611	8/28/2023 14:24	8/29/2023 0:28	604	0
581832	8/28/2023 14:29	8/28/2023 16:13	104	0
8564413	8/28/2023 14:30	8/29/2023 0:28	598	0
345647	8/28/2023 14:34	8/29/2023 0:28	594	0
572883	8/28/2023 14:36	8/29/2023 0:28	592	0
1320646	8/28/2023 14:37	8/28/2023 21:55	438	0
1553525	8/28/2023 14:39	8/28/2023 21:47	428	0
352652	8/28/2023 14:45	8/29/2023 10:00	1154	0
572882	8/28/2023 14:48	8/29/2023 0:28	580	0
1387226	8/28/2023 14:54	8/29/2023 0:28	574	0
1363415	8/28/2023 14:54	8/29/2023 0:28	574	0
1320619	8/28/2023 14:57	8/28/2023 21:35	398	0
6623421	8/28/2023 15:02	8/29/2023 0:28	566	0
572916	8/28/2023 15:06	8/29/2023 0:28	562	0
1417138	8/28/2023 15:08	8/29/2023 0:28	560	0
808829	8/28/2023 15:11	8/29/2023 0:28	557	0
1332906	8/28/2023 15:23	8/28/2023 21:31	368	0
1511251	8/28/2023 16:07	8/29/2023 0:28	501	0
581832	8/28/2023 16:13	8/28/2023 17:17	64	0
6503956	8/28/2023 16:40	8/29/2023 0:28	468	0
456099	8/28/2023 16:50	8/29/2023 0:28	458	0
1681747	8/28/2023 16:55	8/29/2023 0:28	453	0
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581832	8/28/2023 19:17	8/29/2023 4:33	556	0
324290	8/28/2023 20:07	8/29/2023 8:40	753	0
957615	8/28/2023 20:12	8/29/2023 10:00	827	0
8734029	8/28/2023 20:13	8/29/2023 10:00	826	0
1493132	8/28/2023 20:14	8/29/2023 10:00	825	0
1700586	8/28/2023 20:16	8/29/2023 10:00	823	0
1573666	8/28/2023 20:17	8/29/2023 10:00	822	0
1076617	8/28/2023 20:17	8/29/2023 10:00	822	0
274064	8/28/2023 20:19	8/29/2023 10:00	820	0
772378	8/28/2023 20:19	8/29/2023 10:00	820	0

321310	8/28/2023 20:24	8/29/2023 10:00	815	0
315088	8/28/2023 20:25	8/29/2023 10:00	814	0
800600	8/28/2023 20:26	8/29/2023 10:00	813	0
1190820	8/28/2023 20:26	8/29/2023 10:00	813	0
1299402	8/28/2023 20:28	8/29/2023 10:00	811	0
791361	8/28/2023 20:30	8/29/2023 10:00	809	0
1514004	8/28/2023 20:32	8/29/2023 10:00	807	0
507365	8/28/2023 20:39	8/29/2023 10:00	800	0
315345	8/28/2023 20:40	8/29/2023 9:59	799	0
801004	8/28/2023 20:43	8/29/2023 10:00	796	0
1515964	8/28/2023 20:46	8/29/2023 10:00	793	0
790670	8/28/2023 20:52	8/29/2023 10:00	787	0
8668965	8/28/2023 20:54	8/29/2023 10:00	785	0
658177	8/28/2023 21:07	8/29/2023 10:00	772	0
1503507	8/28/2023 21:16	8/29/2023 10:00	763	0
656628	8/28/2023 21:24	8/29/2023 10:00	755	0
1332906	8/28/2023 21:31	8/29/2023 10:00	748	0
1320619	8/28/2023 21:35	8/29/2023 10:00	744	0
1546695	8/28/2023 21:38	8/29/2023 10:00	741	0
1388092	8/28/2023 21:41	8/29/2023 10:00	738	0
1526024	8/28/2023 21:47	8/29/2023 10:00	732	0
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315346	8/29/2023 10:00	8/30/2023 0:28	868	0
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317233	8/29/2023 10:39	8/29/2023 20:44	605	0
315345	8/29/2023 10:40	8/29/2023 20:44	604	0
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8950281	8/29/2023 11:36	8/29/2023 13:05	89	0
500173	8/29/2023 11:38	8/29/2023 14:42	184	0
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801004	8/29/2023 11:39	8/30/2023 0:28	769	0
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1700586	8/29/2023 11:42	8/29/2023 14:30	168	0
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1362855	8/29/2023 11:46	8/29/2023 14:44	178	0
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1546695	8/29/2023 11:54	8/29/2023 13:24	90	0
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658177	8/29/2023 11:56	8/29/2023 12:11	15	0
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1299402	8/29/2023 12:12	8/29/2023 14:55	163	0
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1076617	8/29/2023 13:24	8/29/2023 16:17	173	0
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1190820	8/29/2023 14:26	8/29/2023 14:41	15	0
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1355611	8/29/2023 14:52	8/30/2023 0:28	576	0

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1433697	8/29/2023 23:29	8/30/2023 0:12	43	0
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578206	8/30/2023 0:28	8/30/2023 10:00	571	0
7879030	8/30/2023 0:28	8/30/2023 10:00	571	0
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980398	8/30/2023 0:28	8/30/2023 10:00	571	0
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1301093	8/30/2023 0:28	8/30/2023 10:00	571	0
587455	8/30/2023 0:28	8/30/2023 10:00	571	0
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500173	8/30/2023 0:28	8/30/2023 10:00	571	0
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593397	8/30/2023 0:28	8/30/2023 10:00	571	0
1356945	8/30/2023 0:28	8/30/2023 8:43	495	0
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325050	8/30/2023 0:28	8/30/2023 9:07	519	0
1430553	8/30/2023 0:28	8/30/2023 10:00	571	0
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985241	8/30/2023 0:28	8/30/2023 10:00	571	0
954637	8/30/2023 0:28	8/30/2023 10:00	571	0
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510307	8/30/2023 0:28	8/30/2023 10:00	571	0
457729	8/30/2023 0:28	8/30/2023 10:00	571	0
7937779	8/30/2023 0:28	8/30/2023 10:00	571	0

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561757	8/30/2023 0:28	8/30/2023 8:38	490	0
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8950281	8/30/2023 0:28	8/30/2023 8:22	474	0
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324290	8/30/2023 0:28	8/30/2023 8:08	460	0
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8668965	8/30/2023 0:28	8/30/2023 10:00	571	0
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1985687	8/30/2023 1:16	8/30/2023 10:00	523	0
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1433697	8/30/2023 2:12	8/30/2023 10:00	467.2	0
324290	8/30/2023 8:08	8/30/2023 10:00	111	0
51483	8/30/2023 8:17	8/30/2023 10:00	102	0
309961	8/30/2023 8:19	8/30/2023 10:00	100	0
8950281	8/30/2023 8:22	8/30/2023 10:00	97	0
1704326	8/30/2023 8:38	8/30/2023 10:00	81	0
561757	8/30/2023 8:38	8/30/2023 9:05	27	0
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1493132	8/30/2023 9:00	8/30/2023 10:00	59	0
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325050	8/30/2023 9:07	8/30/2023 10:00	52	0
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8104722	8/30/2023 9:22	8/30/2023 10:00	37	0
1368745	8/30/2023 9:32	8/30/2023 10:00	27	0
1624452	8/30/2023 9:32	8/30/2023 10:00	27	0
561757	8/30/2023 9:40	8/30/2023 10:00	19	0
8766703	8/30/2023 9:42	8/30/2023 10:00	17	0
772378	8/30/2023 10:00	8/31/2023 10:00	1439	0
324290	8/30/2023 10:00	8/30/2023 20:04	604	0.9
321310	8/30/2023 10:08	8/31/2023 0:28	860	0

1299402	8/30/2023 10:10	8/30/2023 20:12	602	0.35
8766703	8/30/2023 10:18	8/30/2023 20:15	597	0
1552154	8/30/2023 10:23	8/30/2023 20:27	604	1.12
6961293	8/30/2023 10:23	8/30/2023 15:39	316	0.04
315345	8/30/2023 10:24	8/30/2023 21:58	694	1.93
309961	8/30/2023 10:27	8/30/2023 20:25	598	0
6761269	8/30/2023 10:28	8/30/2023 14:05	217	0
1433697	8/30/2023 10:29	8/31/2023 10:00	1410.2	0.11
6761269	8/30/2023 14:05	8/30/2023 14:21	16	0
346288	8/30/2023 14:08	8/30/2023 14:23	15	0
345647	8/30/2023 14:13	8/30/2023 14:29	16	0
6761269	8/30/2023 14:21	8/30/2023 14:37	16	0
346288	8/30/2023 14:23	8/30/2023 14:39	16	0
345647	8/30/2023 14:29	8/30/2023 14:43	14	0
6761269	8/30/2023 14:37	8/31/2023 0:28	591	0
346288	8/30/2023 14:39	8/31/2023 0:28	589	0
345647	8/30/2023 14:43	8/31/2023 0:28	585	0
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6961293	8/30/2023 15:39	8/30/2023 15:55	16	0
6961293	8/30/2023 15:55	8/31/2023 0:28	513	0
1076617	8/30/2023 16:16	8/31/2023 0:28	492	0
317233	8/30/2023 16:25	8/30/2023 21:37	312	0
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8766703	8/30/2023 20:15	8/31/2023 10:00	824	0
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1552154	8/30/2023 20:27	8/31/2023 10:00	812	0
317233	8/30/2023 21:37	8/31/2023 8:24	647	0
315345	8/30/2023 21:58	8/31/2023 8:28	630	0
315346	8/31/2023 0:28	8/31/2023 8:29	481	0
6761269	8/31/2023 0:28	8/31/2023 9:58	570	0
321310	8/31/2023 0:28	8/31/2023 10:00	571	0
345647	8/31/2023 0:28	8/31/2023 10:00	571	0
6961293	8/31/2023 0:28	8/31/2023 10:00	571	0
1076617	8/31/2023 0:28	8/31/2023 10:00	571	0
346288	8/31/2023 0:28	8/31/2023 10:00	571	0
1704326	8/31/2023 8:11	8/31/2023 10:00	108	0
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324290	8/31/2023 8:19	8/31/2023 10:00	100	0
317233	8/31/2023 8:24	8/31/2023 9:36	72	0
1493132	8/31/2023 8:26	8/31/2023 10:00	93	0
315345	8/31/2023 8:28	8/31/2023 9:42	74	0.18
315346	8/31/2023 8:29	8/31/2023 9:48	79	0
8511623	8/31/2023 8:54	8/31/2023 10:00	65	0

561757	8/31/2023 9:08	8/31/2023 10:00	51	0
9075059	8/31/2023 9:08	8/31/2023 10:00	51	0
558031	8/31/2023 9:11	8/31/2023 10:00	48	0.02
51483	8/31/2023 9:12	8/31/2023 10:00	47	0
8950281	8/31/2023 9:15	8/31/2023 10:00	44	0
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323747	8/31/2023 9:22	8/31/2023 10:00	37	0
8104722	8/31/2023 9:24	8/31/2023 10:00	35	0
980398	8/31/2023 9:31	8/31/2023 10:00	28	0
1417138	8/31/2023 9:33	8/31/2023 10:00	26	0
854579	8/31/2023 9:35	8/31/2023 10:00	24	0
317233	8/31/2023 9:36	8/31/2023 10:00	23	0
1321605	8/31/2023 9:40	8/31/2023 10:00	19	0
315345	8/31/2023 9:42	8/31/2023 10:00	17	0
328570	8/31/2023 9:43	8/31/2023 10:00	16	0
315346	8/31/2023 9:48	8/31/2023 10:00	11	0
1430553	8/31/2023 9:48	8/31/2023 10:00	11	0
1390184	8/31/2023 9:50	8/31/2023 10:00	9	0
500173	8/31/2023 9:50	8/31/2023 10:00	9	0.11
1309098	8/31/2023 9:53	8/31/2023 10:00	6	0
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6761269	8/31/2023 9:58	8/31/2023 10:00	1	0
793638	8/31/2023 9:58	8/31/2023 10:00	1	0.07
1356945	8/31/2023 9:59	8/31/2023 10:00	0	0
7937779	8/31/2023 9:59	8/31/2023 10:00	0	0
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1390184	8/31/2023 10:00	8/31/2023 21:49	709	0.02
872542	8/31/2023 10:00	9/1/2023 10:00	1439	0
264186	8/31/2023 10:00	9/1/2023 10:00	1439	0
1308096	8/31/2023 10:00	9/1/2023 10:00	1439	0
346288	8/31/2023 10:00	8/31/2023 21:46	706	0
564357	8/31/2023 10:00	9/1/2023 10:00	1439	0
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705447	8/31/2023 10:00	9/1/2023 10:00	1439	0
46184	8/31/2023 10:00	9/1/2023 10:00	1439	0
1493132	8/31/2023 10:01	8/31/2023 21:55	714	0
309233	8/31/2023 10:03	8/31/2023 11:01	58	0
1417279	8/31/2023 10:05	8/31/2023 21:42	697	0.06
309961	8/31/2023 10:06	8/31/2023 11:35	89	0
1552154	8/31/2023 10:06	8/31/2023 21:51	705	0
8766703	8/31/2023 10:06	8/31/2023 16:20	374	0
317233	8/31/2023 10:08	8/31/2023 14:31	263	0.95
793638	8/31/2023 10:08	8/31/2023 11:27	79	0.09
1309098	8/31/2023 10:10	8/31/2023 14:19	249	2.67
8734029	8/31/2023 10:10	8/31/2023 21:59	709	0
1356945	8/31/2023 10:10	8/31/2023 14:32	262	0

9075059	8/31/2023 10:11	8/31/2023 21:49	698	0
315345	8/31/2023 10:13	8/31/2023 14:30	257	0.28
6761269	8/31/2023 10:13	8/31/2023 20:17	604	0
8511623	8/31/2023 10:13	8/31/2023 21:46	693	0
7937779	8/31/2023 10:14	8/31/2023 21:47	693	0
1362855	8/31/2023 10:15	8/31/2023 14:31	256	0.51
1432509	8/31/2023 10:16	8/31/2023 21:44	688	0
561672	8/31/2023 10:17	8/31/2023 21:49	692	0
265473	8/31/2023 10:18	8/31/2023 14:09	231	0
1251782	8/31/2023 10:18	8/31/2023 11:48	90	0
315346	8/31/2023 10:19	8/31/2023 14:31	252	0
1430553	8/31/2023 10:19	8/31/2023 11:33	74	0
274064	8/31/2023 10:19	8/31/2023 20:22	603	0
1355611	8/31/2023 10:19	8/31/2023 14:31	252	0
325050	8/31/2023 10:21	8/31/2023 21:42	681	0
817260	8/31/2023 10:21	8/31/2023 11:45	84	0
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324045	8/31/2023 10:23	8/31/2023 20:26	603	0
265447	8/31/2023 10:23	8/31/2023 14:09	226	0
323747	8/31/2023 10:24	8/31/2023 21:21	657	0
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954637	8/31/2023 10:26	8/31/2023 21:37	671	0.37
1700586	8/31/2023 10:27	8/31/2023 21:45	678	0
980398	8/31/2023 10:28	8/31/2023 13:33	185	0
1190820	8/31/2023 10:28	8/31/2023 11:43	75	0
328570	8/31/2023 10:31	8/31/2023 12:11	100	0
854579	8/31/2023 10:32	8/31/2023 11:20	48	0
507365	8/31/2023 10:35	8/31/2023 21:42	667	0
772378	8/31/2023 10:38	8/31/2023 21:50	672	0
510307	8/31/2023 10:40	8/31/2023 21:42	662	0.06
1299402	8/31/2023 10:43	8/31/2023 11:57	74	0
259674	8/31/2023 10:43	8/31/2023 21:39	656	0
511266	8/31/2023 10:45	8/31/2023 21:46	661	0
266906	8/31/2023 10:49	8/31/2023 14:15	206	0.08
8068454	8/31/2023 10:49	8/31/2023 11:04	15	0
8668965	8/31/2023 10:50	8/31/2023 21:42	652	0
1524033	8/31/2023 10:51	8/31/2023 11:54	63	0.35
6714863	8/31/2023 10:53	8/31/2023 11:25	32	0
2032900	8/31/2023 10:55	8/31/2023 14:31	216	0
790670	8/31/2023 10:55	8/31/2023 11:22	27	0.05
188639	8/31/2023 10:56	9/1/2023 10:00	1383	0.01
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658177	8/31/2023 10:56	8/31/2023 11:43	47	0.01
1301093	8/31/2023 10:59	8/31/2023 21:45	646	0.09
8950281	8/31/2023 11:00	8/31/2023 12:55	115	0
309233	8/31/2023 11:01	8/31/2023 11:32	31	0

587455	8/31/2023 11:01	8/31/2023 21:05	604	0
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7415412	8/31/2023 11:02	9/1/2023 10:00	1377	0
29635	8/31/2023 11:02	9/1/2023 10:00	1377	0
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1513240	8/31/2023 11:04	8/31/2023 11:30	26	0.16
8068454	8/31/2023 11:04	8/31/2023 11:36	32	0
1421188	8/31/2023 11:05	8/31/2023 21:53	648	0
315604	8/31/2023 11:07	8/31/2023 11:23	16	0
6623421	8/31/2023 11:07	8/31/2023 14:31	204	0
1320646	8/31/2023 11:07	8/31/2023 14:32	205	0.02
564518	8/31/2023 11:08	8/31/2023 14:18	190	0
9060925	8/31/2023 11:08	9/1/2023 10:00	1371	0
8387677	8/31/2023 11:08	8/31/2023 14:33	205	0
8590289	8/31/2023 11:09	8/31/2023 21:49	640	0.02
656628	8/31/2023 11:09	8/31/2023 11:40	31	0
314564	8/31/2023 11:10	8/31/2023 11:26	16	0
315380	8/31/2023 11:10	8/31/2023 11:26	16	0.12
8104722	8/31/2023 11:10	8/31/2023 21:26	616	0
315752	8/31/2023 11:12	8/31/2023 11:22	10	0
313731	8/31/2023 11:12	8/31/2023 11:28	16	0
1093833	8/31/2023 11:12	8/31/2023 14:15	183	0.65
313954	8/31/2023 11:12	8/31/2023 11:28	16	0.07
817825	8/31/2023 11:13	8/31/2023 11:45	32	0
1320619	8/31/2023 11:13	8/31/2023 12:21	68	0
8159088	8/31/2023 11:14	9/1/2023 10:00	1365	0
985241	8/31/2023 11:16	8/31/2023 14:10	174	0
7533405	8/31/2023 11:18	8/31/2023 11:43	25	0
323657	8/31/2023 11:20	8/31/2023 21:22	602	0.24
854579	8/31/2023 11:20	8/31/2023 11:35	15	0
315752	8/31/2023 11:22	8/31/2023 21:26	604	2.5
793937	8/31/2023 11:22	8/31/2023 13:44	142	0
1511532	8/31/2023 11:22	8/31/2023 12:31	69	0.2
790670	8/31/2023 11:22	8/31/2023 14:30	188	0.39
324290	8/31/2023 11:23	8/31/2023 21:42	619	0
1508563	8/31/2023 11:23	8/31/2023 12:32	69	0
315604	8/31/2023 11:23	8/31/2023 21:27	604	0
313011	8/31/2023 11:23	8/31/2023 14:32	189	0
316630	8/31/2023 11:23	8/31/2023 14:33	190	0.04
793690	8/31/2023 11:25	8/31/2023 13:46	141	0.18
791361	8/31/2023 11:25	8/31/2023 13:45	140	0
6714863	8/31/2023 11:25	8/31/2023 12:59	94	0
791510	8/31/2023 11:25	8/31/2023 13:00	95	0.03
1671261	8/31/2023 11:25	8/31/2023 11:57	32	0
314564	8/31/2023 11:26	8/31/2023 21:30	604	0
315380	8/31/2023 11:26	8/31/2023 21:32	606	0.03
793638	8/31/2023 11:27	8/31/2023 13:02	95	0.98

313731	8/31/2023 11:28	8/31/2023 21:29	601	0.77
313954	8/31/2023 11:28	8/31/2023 21:28	600	1.84
353651	8/31/2023 11:29	8/31/2023 21:35	606	0
1513240	8/31/2023 11:30	8/31/2023 11:47	17	0.01
309233	8/31/2023 11:32	8/31/2023 12:09	37	0.05
1430553	8/31/2023 11:33	8/31/2023 11:48	15	0.04
854579	8/31/2023 11:35	8/31/2023 13:15	100	0
561757	8/31/2023 11:35	8/31/2023 11:51	16	0
309961	8/31/2023 11:35	8/31/2023 11:47	12	0
8068454	8/31/2023 11:36	8/31/2023 11:52	16	0
558031	8/31/2023 11:38	8/31/2023 11:54	16	0.23
7879030	8/31/2023 11:39	8/31/2023 12:49	70	0
8910809	8/31/2023 11:39	8/31/2023 12:48	69	0
656628	8/31/2023 11:40	8/31/2023 11:57	17	0.01
6995795	8/31/2023 11:40	8/31/2023 12:48	68	0.11
380057	8/31/2023 11:42	8/31/2023 12:50	68	0
1190820	8/31/2023 11:43	8/31/2023 12:18	35	0
658177	8/31/2023 11:43	8/31/2023 11:58	15	0.1
7533405	8/31/2023 11:43	8/31/2023 14:26	163	0
817825	8/31/2023 11:45	8/31/2023 14:38	173	0
817260	8/31/2023 11:45	8/31/2023 14:43	178	0
309961	8/31/2023 11:47	8/31/2023 12:13	26	0
1513240	8/31/2023 11:47	8/31/2023 12:07	20	0.18
1251782	8/31/2023 11:48	8/31/2023 14:37	169	0
330528	8/31/2023 11:48	8/31/2023 12:43	55	0
1430553	8/31/2023 11:48	8/31/2023 12:09	21	0.23
561757	8/31/2023 11:51	8/31/2023 14:28	157	0
8068454	8/31/2023 11:52	8/31/2023 13:42	110	0
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1538299	8/31/2023 11:53	9/1/2023 10:00	1326	0.03
558031	8/31/2023 11:54	8/31/2023 14:26	152	0.33
563241	8/31/2023 11:54	8/31/2023 14:16	142	0
1524033	8/31/2023 11:54	8/31/2023 11:59	5	0
562856	8/31/2023 11:56	8/31/2023 14:17	141	0
561758	8/31/2023 11:56	8/31/2023 14:16	140	0
1671261	8/31/2023 11:57	8/31/2023 12:02	5	0
1299402	8/31/2023 11:57	8/31/2023 12:02	5	0
656628	8/31/2023 11:57	8/31/2023 12:02	5	0.03
658177	8/31/2023 11:58	8/31/2023 12:04	6	0.03
1524033	8/31/2023 11:59	8/31/2023 12:15	16	0.08
1576533	8/31/2023 12:01	8/31/2023 14:06	125	2.02
1299402	8/31/2023 12:02	9/1/2023 10:00	1317	0
656628	8/31/2023 12:02	9/1/2023 10:00	1317	0.13
1518000	8/31/2023 12:02	9/1/2023 10:00	1317	0
1671261	8/31/2023 12:02	8/31/2023 21:42	580	0
658177	8/31/2023 12:04	8/31/2023 13:01	57	0.11
1513240	8/31/2023 12:07	8/31/2023 12:38	31	0

309233	8/31/2023 12:09	8/31/2023 12:56	47	0.12
1430553	8/31/2023 12:09	8/31/2023 14:10	121	0.48
328570	8/31/2023 12:11	8/31/2023 15:09	178	0
309961	8/31/2023 12:13	8/31/2023 13:41	88	0
1524033	8/31/2023 12:15	8/31/2023 15:02	167	0.17
1190820	8/31/2023 12:18	8/31/2023 13:03	45	0
353728	8/31/2023 12:18	9/1/2023 10:00	1301	0
1320619	8/31/2023 12:21	8/31/2023 14:32	131	0
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1511816	8/31/2023 12:29	9/1/2023 10:00	1290	0
1511532	8/31/2023 12:31	8/31/2023 13:44	73	0.17
1508563	8/31/2023 12:32	8/31/2023 13:45	73	0.18
1513240	8/31/2023 12:38	9/1/2023 10:00	1281	0.06
330528	8/31/2023 12:43	8/31/2023 14:43	120	0
386123	8/31/2023 12:48	8/31/2023 13:35	47	0
6995795	8/31/2023 12:48	8/31/2023 14:49	121	0
8910809	8/31/2023 12:48	8/31/2023 14:48	120	0
810130	8/31/2023 12:49	8/31/2023 14:33	104	0
7879030	8/31/2023 12:49	8/31/2023 14:49	120	0
808829	8/31/2023 12:50	8/31/2023 14:35	105	0
380057	8/31/2023 12:50	8/31/2023 14:51	121	0
381982	8/31/2023 12:51	8/31/2023 14:51	120	0
51483	8/31/2023 12:53	8/31/2023 14:11	78	0.09
8950281	8/31/2023 12:55	8/31/2023 14:09	74	0
309233	8/31/2023 12:56	8/31/2023 21:41	525	0
51957	8/31/2023 12:59	8/31/2023 14:07	68	0
6714863	8/31/2023 12:59	8/31/2023 14:35	96	0
643072	8/31/2023 12:59	8/31/2023 13:30	31	0
791510	8/31/2023 13:00	9/1/2023 10:00	1259	0.08
569420	8/31/2023 13:01	8/31/2023 13:17	16	0
658177	8/31/2023 13:01	8/31/2023 13:33	32	0.12
793638	8/31/2023 13:02	9/1/2023 9:46	1244	0
1190820	8/31/2023 13:03	8/31/2023 13:47	44	0
1597937	8/31/2023 13:07	8/31/2023 15:07	120	0
1600016	8/31/2023 13:11	8/31/2023 15:05	114	0
854579	8/31/2023 13:15	8/31/2023 21:43	508	0
569420	8/31/2023 13:17	9/1/2023 10:00	1242	0
643072	8/31/2023 13:30	8/31/2023 21:49	499	0
980398	8/31/2023 13:33	8/31/2023 15:33	120	0
658177	8/31/2023 13:33	8/31/2023 14:36	63	0.01
386123	8/31/2023 13:35	8/31/2023 17:38	243	0
1599629	8/31/2023 13:38	8/31/2023 15:07	89	0
309961	8/31/2023 13:41	8/31/2023 14:13	32	0
8068454	8/31/2023 13:42	8/31/2023 14:13	31	0
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1508563	8/31/2023 13:45	8/31/2023 21:46	481	0.03

791361	8/31/2023 13:45	8/31/2023 21:39	474	0
793690	8/31/2023 13:46	8/31/2023 14:33	47	0
1190820	8/31/2023 13:47	8/31/2023 14:14	27	0
1576533	8/31/2023 14:06	8/31/2023 14:22	16	0.06
51957	8/31/2023 14:07	8/31/2023 14:39	32	0
265473	8/31/2023 14:09	8/31/2023 21:46	457	0
265447	8/31/2023 14:09	8/31/2023 21:43	454	0.19
8950281	8/31/2023 14:09	8/31/2023 14:40	31	0
985241	8/31/2023 14:10	8/31/2023 21:35	445	0
1430553	8/31/2023 14:10	8/31/2023 14:26	16	0.03
51483	8/31/2023 14:11	8/31/2023 14:37	26	0
49209	8/31/2023 14:11	8/31/2023 14:27	16	0
1704232	8/31/2023 14:13	8/31/2023 16:40	147	0.34
8068454	8/31/2023 14:13	8/31/2023 21:50	457	0
309961	8/31/2023 14:13	8/31/2023 14:23	10	0
1190820	8/31/2023 14:14	8/31/2023 15:49	95	0
1093833	8/31/2023 14:15	8/31/2023 14:31	16	0
266906	8/31/2023 14:15	8/31/2023 21:44	449	0
563241	8/31/2023 14:16	8/31/2023 21:42	446	0
561758	8/31/2023 14:16	8/31/2023 21:40	444	0
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1387226	8/31/2023 14:19	8/31/2023 14:34	15	0
1309098	8/31/2023 14:19	8/31/2023 14:29	10	0.09
1576533	8/31/2023 14:22	8/31/2023 14:37	15	0.06
309961	8/31/2023 14:23	8/31/2023 14:39	16	0
1430553	8/31/2023 14:26	8/31/2023 14:42	16	0.16
558031	8/31/2023 14:26	8/31/2023 14:42	16	0
7533405	8/31/2023 14:26	8/31/2023 14:43	17	0
49209	8/31/2023 14:27	8/31/2023 14:37	10	0
561757	8/31/2023 14:28	8/31/2023 14:43	15	0
1704326	8/31/2023 14:29	8/31/2023 15:00	31	0
1309098	8/31/2023 14:29	8/31/2023 14:45	16	0
315345	8/31/2023 14:30	8/31/2023 14:45	15	0
790670	8/31/2023 14:30	8/31/2023 15:02	32	0
1388092	8/31/2023 14:31	8/31/2023 14:46	15	0.14
315346	8/31/2023 14:31	8/31/2023 14:46	15	0
1362855	8/31/2023 14:31	8/31/2023 15:04	33	0
317233	8/31/2023 14:31	8/31/2023 14:46	15	0.06
1093833	8/31/2023 14:31	8/31/2023 14:47	16	0
2032900	8/31/2023 14:31	8/31/2023 15:34	63	0
1355611	8/31/2023 14:31	8/31/2023 17:04	153	0
6623421	8/31/2023 14:31	8/31/2023 15:13	42	0
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1320619	8/31/2023 14:32	8/31/2023 14:48	16	0
1356945	8/31/2023 14:32	8/31/2023 15:04	32	0
1320646	8/31/2023 14:32	8/31/2023 14:48	16	0.24

1362130	8/31/2023 14:32	8/31/2023 15:04	32	0
313011	8/31/2023 14:32	8/31/2023 21:53	441	0
8387677	8/31/2023 14:33	8/31/2023 21:49	436	0
793690	8/31/2023 14:33	8/31/2023 14:59	26	0
316630	8/31/2023 14:33	8/31/2023 21:53	440	0
810130	8/31/2023 14:33	8/31/2023 15:21	48	0
321310	8/31/2023 14:33	8/31/2023 14:49	16	0
1387226	8/31/2023 14:34	8/31/2023 14:45	11	0
564518	8/31/2023 14:34	8/31/2023 14:48	14	0
6714863	8/31/2023 14:35	8/31/2023 15:00	25	0
808829	8/31/2023 14:35	8/31/2023 15:17	42	0
658177	8/31/2023 14:36	8/31/2023 14:47	11	0
49209	8/31/2023 14:37	8/31/2023 21:48	431	0
1027787	8/31/2023 14:37	9/1/2023 0:35	598	0
1576533	8/31/2023 14:37	8/31/2023 21:53	436	0
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51483	8/31/2023 14:37	8/31/2023 21:42	425	0
1251782	8/31/2023 14:37	8/31/2023 21:52	435	0
8564413	8/31/2023 14:38	8/31/2023 21:44	426	0
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817825	8/31/2023 14:38	8/31/2023 21:43	425	0
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8950281	8/31/2023 14:40	8/31/2023 21:51	431	0
588892	8/31/2023 14:41	8/31/2023 21:46	425	0.36
558031	8/31/2023 14:42	8/31/2023 21:42	420	0
1368745	8/31/2023 14:42	8/31/2023 14:56	14	0
1624452	8/31/2023 14:42	8/31/2023 16:27	105	0
496500	8/31/2023 14:42	8/31/2023 21:42	420	0
1430553	8/31/2023 14:42	8/31/2023 21:47	425	0.1
330528	8/31/2023 14:43	8/31/2023 21:23	400	0
561757	8/31/2023 14:43	8/31/2023 21:39	416	0
817260	8/31/2023 14:43	8/31/2023 21:49	426	0
7533405	8/31/2023 14:43	8/31/2023 15:56	73	0
1309098	8/31/2023 14:45	8/31/2023 21:38	413	0
1387226	8/31/2023 14:45	8/31/2023 21:45	420	0
315345	8/31/2023 14:45	8/31/2023 21:45	420	0
801004	8/31/2023 14:45	8/31/2023 21:47	422	0
1321605	8/31/2023 14:45	8/31/2023 21:39	414	0
1388092	8/31/2023 14:46	8/31/2023 21:51	425	0.03
317233	8/31/2023 14:46	8/31/2023 21:42	416	0.03
315346	8/31/2023 14:46	8/31/2023 21:47	421	0
1093833	8/31/2023 14:47	8/31/2023 21:42	415	0
658177	8/31/2023 14:47	8/31/2023 21:36	409	0
1320646	8/31/2023 14:48	8/31/2023 21:48	420	0.07
564518	8/31/2023 14:48	8/31/2023 20:58	370	0

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800600	8/31/2023 14:48	8/31/2023 21:38	410	0
6995795	8/31/2023 14:49	8/31/2023 21:44	415	0
7879030	8/31/2023 14:49	8/31/2023 21:40	411	0
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381982	8/31/2023 14:51	8/31/2023 21:46	415	0
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1514004	8/31/2023 14:55	8/31/2023 21:49	414	0
1368745	8/31/2023 14:56	8/31/2023 21:42	406	0
1556919	8/31/2023 14:58	8/31/2023 21:43	405	1.1
793690	8/31/2023 14:59	8/31/2023 21:49	410	0
1704326	8/31/2023 15:00	8/31/2023 21:45	405	0
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790670	8/31/2023 15:02	8/31/2023 21:41	399	0
1362130	8/31/2023 15:04	8/31/2023 15:30	26	0
1356945	8/31/2023 15:04	8/31/2023 21:37	393	0
1362855	8/31/2023 15:04	8/31/2023 21:42	398	0
1600016	8/31/2023 15:05	8/31/2023 21:55	410	0
1599629	8/31/2023 15:07	8/31/2023 21:46	399	0
1597937	8/31/2023 15:07	8/31/2023 21:46	399	0
328570	8/31/2023 15:09	8/31/2023 21:42	393	0
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6623421	8/31/2023 15:13	8/31/2023 21:47	394	0
808829	8/31/2023 15:17	8/31/2023 21:46	389	0
583848	8/31/2023 15:21	8/31/2023 21:34	373	0
810130	8/31/2023 15:21	8/31/2023 21:38	377	0
1573666	8/31/2023 15:22	8/31/2023 21:50	388	0
1362130	8/31/2023 15:30	8/31/2023 15:46	16	0
980398	8/31/2023 15:33	8/31/2023 23:37	484	0
2032900	8/31/2023 15:34	8/31/2023 21:41	367	0
506261	8/31/2023 15:46	8/31/2023 22:02	376	0
1362130	8/31/2023 15:46	8/31/2023 16:17	31	0
1190820	8/31/2023 15:49	8/31/2023 21:45	356	0
1985687	8/31/2023 15:49	8/31/2023 21:45	356	0
8972545	8/31/2023 15:52	8/31/2023 21:39	347	0
7533405	8/31/2023 15:56	8/31/2023 18:33	157	0
6961293	8/31/2023 15:58	8/31/2023 16:19	21	0
1406535	8/31/2023 16:08	8/31/2023 21:50	342	0
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8621797	8/31/2023 16:12	8/31/2023 16:17	5	0
581074	8/31/2023 16:13	8/31/2023 21:49	336	0
8621797	8/31/2023 16:17	8/31/2023 21:53	336	0
1362130	8/31/2023 16:17	8/31/2023 21:43	326	0
6961293	8/31/2023 16:19	8/31/2023 21:50	331	0

8766703	8/31/2023 16:20	8/31/2023 21:46	326	0
1624452	8/31/2023 16:27	8/31/2023 21:47	320	0
1704232	8/31/2023 16:40	8/31/2023 21:39	299	0
1076617	8/31/2023 16:51	8/31/2023 21:50	299	0
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389401	8/31/2023 17:35	8/31/2023 21:41	246	0
386123	8/31/2023 17:38	8/31/2023 21:43	245	0
415131	8/31/2023 17:38	8/31/2023 21:39	241	0
7533405	8/31/2023 18:33	9/1/2023 10:00	926	0
8604423	8/31/2023 18:58	8/31/2023 20:30	92	0
6761269	8/31/2023 20:17	9/1/2023 10:00	822	0
274064	8/31/2023 20:22	9/1/2023 10:00	817	0
324045	8/31/2023 20:26	9/1/2023 10:00	813	0
8604423	8/31/2023 20:30	8/31/2023 20:46	16	0
8604423	8/31/2023 20:46	8/31/2023 21:17	31	0
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587455	8/31/2023 21:05	9/1/2023 10:00	774	0
8604423	8/31/2023 21:17	8/31/2023 21:49	32	0
323747	8/31/2023 21:21	9/1/2023 10:00	758	0
323657	8/31/2023 21:22	9/1/2023 10:00	757	0
330528	8/31/2023 21:23	9/1/2023 10:00	756	0
8104722	8/31/2023 21:26	9/1/2023 9:41	735	0
315752	8/31/2023 21:26	9/1/2023 10:00	753	0
315604	8/31/2023 21:27	9/1/2023 10:00	752	0
313954	8/31/2023 21:28	9/1/2023 10:00	751	0
313731	8/31/2023 21:29	9/1/2023 10:00	750	0
314564	8/31/2023 21:30	9/1/2023 10:00	749	0
793937	8/31/2023 21:30	9/1/2023 10:00	749	0
315380	8/31/2023 21:32	9/1/2023 10:00	747	0
583848	8/31/2023 21:34	9/1/2023 10:00	745	0
985241	8/31/2023 21:35	9/1/2023 10:00	744	0
353651	8/31/2023 21:35	9/1/2023 10:00	744	0
658177	8/31/2023 21:36	9/1/2023 10:00	743	0
954637	8/31/2023 21:37	9/1/2023 10:00	742	0
1356945	8/31/2023 21:37	9/1/2023 10:00	742	0
1524033	8/31/2023 21:37	9/1/2023 10:00	742	0
500173	8/31/2023 21:38	9/1/2023 10:00	741	0
1309098	8/31/2023 21:38	9/1/2023 9:57	739	0
800600	8/31/2023 21:38	9/1/2023 10:00	741	0
810130	8/31/2023 21:38	9/1/2023 10:00	741	0
561757	8/31/2023 21:39	9/1/2023 9:55	736	0
8972545	8/31/2023 21:39	9/1/2023 10:00	740	0
259674	8/31/2023 21:39	9/1/2023 10:00	740	0
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1704232	8/31/2023 21:39	9/1/2023 10:00	740	0
791361	8/31/2023 21:39	9/1/2023 10:00	740	0
1321605	8/31/2023 21:39	9/1/2023 9:59	740	0

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7879030	8/31/2023 21:40	9/1/2023 10:00	739	0
309233	8/31/2023 21:41	9/1/2023 10:00	738	0
790670	8/31/2023 21:41	9/1/2023 10:00	738	0
389401	8/31/2023 21:41	9/1/2023 10:00	738	0
1355611	8/31/2023 21:41	9/1/2023 10:00	738	0
2032900	8/31/2023 21:41	9/1/2023 10:00	738	0
8668965	8/31/2023 21:42	9/1/2023 10:00	737	0
563241	8/31/2023 21:42	9/1/2023 10:00	737	0
1093833	8/31/2023 21:42	9/1/2023 10:00	737	0
1368745	8/31/2023 21:42	9/1/2023 10:00	737	0
507365	8/31/2023 21:42	9/1/2023 10:00	737	0
328570	8/31/2023 21:42	9/1/2023 10:00	737	0
1417279	8/31/2023 21:42	9/1/2023 10:00	737	0
496500	8/31/2023 21:42	9/1/2023 10:00	737	0
317233	8/31/2023 21:42	9/1/2023 9:46	724	0
325050	8/31/2023 21:42	9/1/2023 9:12	690	0
1362855	8/31/2023 21:42	9/1/2023 10:00	737	0
1671261	8/31/2023 21:42	9/1/2023 10:00	737	0
510307	8/31/2023 21:42	9/1/2023 10:00	737	0
51483	8/31/2023 21:42	9/1/2023 8:50	668	0
324290	8/31/2023 21:42	9/1/2023 8:12	630	0
558031	8/31/2023 21:42	9/1/2023 9:57	735	0
1362130	8/31/2023 21:43	9/1/2023 10:00	736	0
386123	8/31/2023 21:43	9/1/2023 10:00	736	0
8910809	8/31/2023 21:43	9/1/2023 10:00	736	0
265447	8/31/2023 21:43	9/1/2023 10:00	736	0
1556919	8/31/2023 21:43	9/1/2023 10:00	736	0
854579	8/31/2023 21:43	9/1/2023 10:00	736	0
817825	8/31/2023 21:43	9/1/2023 10:00	736	0
1432509	8/31/2023 21:44	9/1/2023 10:00	735	0
8564413	8/31/2023 21:44	9/1/2023 10:00	735	0
321310	8/31/2023 21:44	9/1/2023 10:00	735	0
6995795	8/31/2023 21:44	9/1/2023 10:00	735	0
266906	8/31/2023 21:44	9/1/2023 10:00	735	0
1267978	8/31/2023 21:45	9/1/2023 10:00	734	0
1301093	8/31/2023 21:45	9/1/2023 10:00	734	0
1190820	8/31/2023 21:45	9/1/2023 9:29	704	0
315345	8/31/2023 21:45	9/1/2023 9:45	720	0
1700586	8/31/2023 21:45	9/1/2023 10:00	734	0
1387226	8/31/2023 21:45	9/1/2023 10:00	734	0
1704326	8/31/2023 21:45	9/1/2023 10:00	734	0
1985687	8/31/2023 21:45	9/1/2023 10:00	734	0
381982	8/31/2023 21:46	9/1/2023 10:00	733	0
8766703	8/31/2023 21:46	9/1/2023 9:48	722	0
8511623	8/31/2023 21:46	9/1/2023 8:47	661	0
1599629	8/31/2023 21:46	9/1/2023 9:04	678	0

265473	8/31/2023 21:46	9/1/2023 10:00	733	0
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511266	8/31/2023 21:46	9/1/2023 10:00	733	0
1597937	8/31/2023 21:46	9/1/2023 10:00	733	0
304345	8/31/2023 21:46	9/1/2023 10:00	733	0
588892	8/31/2023 21:46	9/1/2023 10:00	733	0
1508563	8/31/2023 21:46	9/1/2023 10:00	733	0
346288	8/31/2023 21:46	9/1/2023 10:00	733	0
7937779	8/31/2023 21:47	9/1/2023 10:00	732	0
6623421	8/31/2023 21:47	9/1/2023 10:00	732	0
1624452	8/31/2023 21:47	9/1/2023 10:00	732	0
1430553	8/31/2023 21:47	9/1/2023 9:36	709	0
315346	8/31/2023 21:47	9/1/2023 9:46	719	0
1027720	8/31/2023 21:47	9/1/2023 10:00	732	0
801004	8/31/2023 21:47	9/1/2023 10:00	732	0
49209	8/31/2023 21:48	9/1/2023 10:00	731	0
1320646	8/31/2023 21:48	9/1/2023 10:00	731	0
562856	8/31/2023 21:49	9/1/2023 10:00	730	0
8387677	8/31/2023 21:49	9/1/2023 10:00	730	0
643072	8/31/2023 21:49	9/1/2023 10:00	730	0
581074	8/31/2023 21:49	9/1/2023 10:00	730	0
9075059	8/31/2023 21:49	9/1/2023 9:12	683	0
1259644	8/31/2023 21:49	9/1/2023 10:00	730	0
6714863	8/31/2023 21:49	9/1/2023 10:00	730	0
793690	8/31/2023 21:49	9/1/2023 10:00	730	0
1514004	8/31/2023 21:49	9/1/2023 10:00	730	0
817260	8/31/2023 21:49	9/1/2023 10:00	730	0
1390184	8/31/2023 21:49	9/1/2023 9:54	725	0
561672	8/31/2023 21:49	9/1/2023 10:00	730	0
8604423	8/31/2023 21:49	8/31/2023 21:54	5	0
8590289	8/31/2023 21:49	9/1/2023 10:00	730	0
6961293	8/31/2023 21:50	9/1/2023 10:00	729	0
1406535	8/31/2023 21:50	9/1/2023 8:04	614	0
1573666	8/31/2023 21:50	9/1/2023 10:00	729	0
8068454	8/31/2023 21:50	9/1/2023 9:39	709	0
1076617	8/31/2023 21:50	9/1/2023 10:00	729	0
772378	8/31/2023 21:50	9/1/2023 10:00	729	0
8950281	8/31/2023 21:51	9/1/2023 8:53	662	0
1388092	8/31/2023 21:51	9/1/2023 10:00	728	0
1552154	8/31/2023 21:51	9/1/2023 10:00	728	0
1251782	8/31/2023 21:52	9/1/2023 10:00	727	0
1511532	8/31/2023 21:52	9/1/2023 10:00	727	0
1417138	8/31/2023 21:52	9/1/2023 10:00	727	0
380057	8/31/2023 21:52	9/1/2023 10:00	727	0
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1421188	8/31/2023 21:53	9/1/2023 10:00	726	0
313011	8/31/2023 21:53	9/1/2023 10:00	726	0

8621797	8/31/2023 21:53	9/1/2023 10:00	726	0
316630	8/31/2023 21:53	9/1/2023 10:00	726	0
8604423	8/31/2023 21:54	8/31/2023 22:15	21	0
309961	8/31/2023 21:55	9/1/2023 8:07	612	0
1600016	8/31/2023 21:55	9/1/2023 10:00	724	0
345647	8/31/2023 21:55	9/1/2023 10:00	724	0
1493132	8/31/2023 21:55	9/1/2023 8:51	656	0
51957	8/31/2023 21:55	9/1/2023 10:00	724	0
8734029	8/31/2023 21:59	9/1/2023 10:00	720	0
506261	8/31/2023 22:02	9/1/2023 10:00	717	0
8604423	8/31/2023 22:15	9/1/2023 2:54	279	0
1320619	8/31/2023 22:20	9/1/2023 10:00	699	0
1433697	8/31/2023 22:40	9/1/2023 10:00	679.2	0
980398	8/31/2023 23:37	9/1/2023 9:34	597	0
1027787	9/1/2023 0:35	9/1/2023 10:00	564	0
8604423	9/1/2023 2:54	9/1/2023 3:20	26	0
8604423	9/1/2023 3:20	9/1/2023 4:38	78	0
8604423	9/1/2023 4:38	9/1/2023 6:08	90	0
8604423	9/1/2023 6:08	9/1/2023 6:45	37	0
8604423	9/1/2023 6:45	9/1/2023 7:00	15	0
8604423	9/1/2023 7:00	9/1/2023 7:32	32	0
8604423	9/1/2023 7:32	9/1/2023 7:53	21	0
8604423	9/1/2023 7:53	9/1/2023 8:09	16	0
1516739	9/1/2023 7:57	9/1/2023 8:13	16	0
1406535	9/1/2023 8:04	9/1/2023 8:46	42	0
309961	9/1/2023 8:07	9/1/2023 10:00	112	0
8604423	9/1/2023 8:09	9/1/2023 10:00	110	0
324290	9/1/2023 8:12	9/1/2023 10:00	107	0
1516739	9/1/2023 8:13	9/1/2023 8:29	16	0
1516739	9/1/2023 8:29	9/1/2023 8:45	16	0
1516739	9/1/2023 8:45	9/1/2023 10:00	74	0
1406535	9/1/2023 8:46	9/1/2023 10:00	73	0
8511623	9/1/2023 8:47	9/1/2023 10:00	72	0
51483	9/1/2023 8:50	9/1/2023 10:00	69	0
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1434359	9/1/2023 8:53	9/1/2023 9:10	17	0
8950281	9/1/2023 8:53	9/1/2023 10:00	66	0
1599629	9/1/2023 9:04	9/1/2023 10:00	55	0
1434359	9/1/2023 9:10	9/1/2023 10:00	49	0
325050	9/1/2023 9:12	9/1/2023 10:00	47	0
9075059	9/1/2023 9:12	9/1/2023 10:00	47	0
1190820	9/1/2023 9:29	9/1/2023 9:45	16	0
980398	9/1/2023 9:34	9/1/2023 10:00	25	0
1430553	9/1/2023 9:36	9/1/2023 10:00	23	0
8068454	9/1/2023 9:39	9/1/2023 10:00	20	0
8104722	9/1/2023 9:41	9/1/2023 10:00	18	0
315088	9/1/2023 9:43	9/1/2023 10:00	16	0

315345	9/1/2023 9:45	9/1/2023 10:00	14	0
1190820	9/1/2023 9:45	9/1/2023 10:00	14	0
315346	9/1/2023 9:46	9/1/2023 10:00	13	0
793638	9/1/2023 9:46	9/1/2023 10:00	13	0
317233	9/1/2023 9:46	9/1/2023 10:00	13	0
8766703	9/1/2023 9:48	9/1/2023 10:00	11	0
456099	9/1/2023 9:54	9/1/2023 10:00	5	0
1390184	9/1/2023 9:54	9/1/2023 10:00	5	0
457729	9/1/2023 9:54	9/1/2023 10:00	5	0
561757	9/1/2023 9:55	9/1/2023 10:00	4	0
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705447	9/1/2023 10:00	9/2/2023 10:00	1439	0
264186	9/1/2023 10:00	9/2/2023 10:00	1439	0
46184	9/1/2023 10:00	9/2/2023 10:00	1439	0
988262	9/1/2023 10:00	9/2/2023 10:00	1439	0
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345647	9/1/2023 10:00	9/1/2023 21:53	713	0
8766703	9/1/2023 10:00	9/1/2023 21:42	702	0
1433697	9/1/2023 10:00	9/2/2023 10:00	1439.2	0
564357	9/1/2023 10:00	9/2/2023 10:00	1439	0
1308096	9/1/2023 10:00	9/2/2023 10:00	1439	0
6761269	9/1/2023 10:00	9/1/2023 16:20	380	0
872542	9/1/2023 10:00	9/2/2023 10:00	1439	0
637185	9/1/2023 10:00	9/2/2023 10:00	1439	0
1434359	9/1/2023 10:06	9/1/2023 11:41	95	0
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1430553	9/1/2023 10:07	9/1/2023 11:36	89	0
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325050	9/1/2023 10:11	9/1/2023 21:41	690	0
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315345	9/1/2023 10:12	9/1/2023 14:29	257	3.33
790670	9/1/2023 10:12	9/1/2023 11:30	78	0.01
317233	9/1/2023 10:13	9/1/2023 14:30	257	0.86
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324290	9/1/2023 10:13	9/1/2023 21:41	688	0

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511266	9/1/2023 10:27	9/1/2023 21:30	663	0
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854579	9/1/2023 10:28	9/1/2023 11:26	58	0
507365	9/1/2023 10:29	9/1/2023 21:42	673	0
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791510	9/1/2023 10:31	9/1/2023 11:29	58	0
9075059	9/1/2023 10:31	9/1/2023 12:15	104	0
954637	9/1/2023 10:34	9/1/2023 21:32	658	0.52
817825	9/1/2023 10:34	9/1/2023 11:36	62	0
309233	9/1/2023 10:37	9/1/2023 11:08	31	0.02
323657	9/1/2023 10:40	9/1/2023 20:44	604	1.19
1546695	9/1/2023 10:41	9/1/2023 21:48	667	0
8668965	9/1/2023 10:41	9/1/2023 21:37	656	0
324045	9/1/2023 10:43	9/1/2023 20:47	604	0
323747	9/1/2023 10:44	9/1/2023 20:47	603	0
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1093833	9/1/2023 10:44	9/1/2023 11:48	64	0
564518	9/1/2023 10:44	9/1/2023 11:44	60	0
1362855	9/1/2023 10:45	9/1/2023 11:58	73	0.51
466549	9/1/2023 10:52	9/1/2023 11:39	47	0
793690	9/1/2023 10:57	9/1/2023 11:28	31	0
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315306	9/1/2023 11:00	9/1/2023 14:30	210	0.01
1320646	9/1/2023 11:01	9/1/2023 21:44	643	0
316997	9/1/2023 11:01	9/1/2023 15:24	263	0.01
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1301093	9/1/2023 11:03	9/1/2023 21:49	646	0.5
317768	9/1/2023 11:04	9/2/2023 10:00	1375	0.01
587455	9/1/2023 11:05	9/1/2023 11:20	15	0
259674	9/1/2023 11:05	9/1/2023 21:39	634	0
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309233	9/1/2023 11:08	9/1/2023 11:39	31	0.11
51957	9/1/2023 11:08	9/1/2023 11:39	31	0
318815	9/1/2023 11:09	9/2/2023 10:00	1370	0
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8068454	9/1/2023 11:13	9/1/2023 11:55	42	0
587455	9/1/2023 11:20	9/1/2023 11:34	14	0
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854579	9/1/2023 11:26	9/1/2023 11:42	16	0
8387677	9/1/2023 11:27	9/1/2023 14:52	205	0.07
317126	9/1/2023 11:27	9/1/2023 14:31	184	0
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791510	9/1/2023 11:29	9/1/2023 12:01	32	0
8590289	9/1/2023 11:29	9/1/2023 21:33	604	0
6714863	9/1/2023 11:29	9/1/2023 12:01	32	0
790670	9/1/2023 11:30	9/1/2023 12:02	32	0.42
793638	9/1/2023 11:31	9/1/2023 13:16	105	1.41
8104722	9/1/2023 11:31	9/1/2023 14:30	179	0
1406535	9/1/2023 11:34	9/1/2023 11:50	16	0.01
1513240	9/1/2023 11:34	9/1/2023 11:50	16	0.15
587455	9/1/2023 11:34	9/1/2023 14:51	197	0
1251782	9/1/2023 11:35	9/1/2023 13:20	105	0
817825	9/1/2023 11:36	9/1/2023 13:22	106	0
1430553	9/1/2023 11:36	9/1/2023 11:52	16	0.01
309961	9/1/2023 11:37	9/1/2023 11:52	15	0
7533405	9/1/2023 11:37	9/1/2023 11:53	16	0.01
8621797	9/1/2023 11:37	9/1/2023 11:53	16	0
51483	9/1/2023 11:38	9/1/2023 11:53	15	0
51957	9/1/2023 11:39	9/1/2023 11:55	16	0
466549	9/1/2023 11:39	9/1/2023 13:40	121	0
309233	9/1/2023 11:39	9/1/2023 11:55	16	0.29
817260	9/1/2023 11:39	9/1/2023 13:23	104	0
49209	9/1/2023 11:39	9/1/2023 11:55	16	0
8950281	9/1/2023 11:40	9/1/2023 11:51	11	0
1076617	9/1/2023 11:40	9/1/2023 12:27	47	0
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274064	9/1/2023 11:42	9/1/2023 14:26	164	0
854579	9/1/2023 11:42	9/1/2023 21:39	597	0
1511532	9/1/2023 11:42	9/1/2023 13:27	105	0.71
1524033	9/1/2023 11:43	9/1/2023 12:34	51	0.52
564518	9/1/2023 11:44	9/1/2023 11:59	15	0
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1508563	9/1/2023 11:46	9/1/2023 13:32	106	0.99

1309098	9/1/2023 11:47	9/1/2023 12:14	27	0.24
1093833	9/1/2023 11:48	9/1/2023 11:58	10	0
1493132	9/1/2023 11:49	9/1/2023 13:03	74	0
1513240	9/1/2023 11:50	9/1/2023 12:06	16	0.11
1406535	9/1/2023 11:50	9/1/2023 13:03	73	0.61
8950281	9/1/2023 11:51	9/1/2023 13:09	78	0
1430553	9/1/2023 11:52	9/1/2023 12:08	16	0
309961	9/1/2023 11:52	9/1/2023 12:08	16	0
8621797	9/1/2023 11:53	9/1/2023 12:08	15	0
51483	9/1/2023 11:53	9/1/2023 13:07	74	0
7533405	9/1/2023 11:53	9/1/2023 12:04	11	0.06
1539391	9/1/2023 11:54	9/1/2023 14:10	136	0
49209	9/1/2023 11:55	9/1/2023 14:22	147	0
309233	9/1/2023 11:55	9/1/2023 12:06	11	0.07
8068454	9/1/2023 11:55	9/1/2023 12:11	16	0
51957	9/1/2023 11:55	9/1/2023 13:09	74	0
1538577	9/1/2023 11:56	9/1/2023 14:11	135	0
6168330	9/1/2023 11:57	9/1/2023 12:40	43	0
1093833	9/1/2023 11:58	9/1/2023 12:29	31	0
1362855	9/1/2023 11:58	9/1/2023 12:13	15	0
564518	9/1/2023 11:59	9/1/2023 12:29	30	0
793690	9/1/2023 12:00	9/1/2023 12:31	31	0
791510	9/1/2023 12:01	9/1/2023 21:47	586	0
6714863	9/1/2023 12:01	9/1/2023 13:14	73	0.03
1362130	9/1/2023 12:01	9/1/2023 12:17	16	0
790670	9/1/2023 12:02	9/1/2023 12:28	26	0.01
7533405	9/1/2023 12:04	9/1/2023 13:06	62	0.1
1513240	9/1/2023 12:06	9/2/2023 10:00	1313	0.13
309233	9/1/2023 12:06	9/1/2023 14:07	121	0.11
1430553	9/1/2023 12:08	9/1/2023 14:09	121	0.35
8621797	9/1/2023 12:08	9/1/2023 13:06	58	0
309961	9/1/2023 12:08	9/1/2023 14:14	126	0
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643072	9/1/2023 12:11	9/1/2023 12:58	47	0
1362855	9/1/2023 12:13	9/1/2023 14:31	138	0.08
1309098	9/1/2023 12:14	9/1/2023 14:14	120	0.15
1704326	9/1/2023 12:14	9/1/2023 14:31	137	0
9075059	9/1/2023 12:15	9/1/2023 12:57	42	0
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1362130	9/1/2023 12:17	9/1/2023 14:12	115	0
1320619	9/1/2023 12:23	9/1/2023 14:45	142	0
1076617	9/1/2023 12:27	9/1/2023 15:57	210	0
790670	9/1/2023 12:28	9/1/2023 13:15	47	0.03
1093833	9/1/2023 12:29	9/1/2023 14:30	121	0
564518	9/1/2023 12:29	9/1/2023 14:29	120	0

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643072	9/1/2023 12:58	9/2/2023 10:00	1261	0
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1406535	9/1/2023 13:03	9/1/2023 13:35	32	0.34
1493132	9/1/2023 13:03	9/1/2023 13:19	16	0
1299402	9/1/2023 13:04	9/1/2023 13:19	15	0
8621797	9/1/2023 13:06	9/1/2023 15:54	168	0
7533405	9/1/2023 13:06	9/1/2023 14:26	80	0
51483	9/1/2023 13:07	9/1/2023 14:21	74	0
8950281	9/1/2023 13:09	9/1/2023 14:23	74	0
51957	9/1/2023 13:09	9/1/2023 14:22	73	0
9075059	9/1/2023 13:13	9/1/2023 14:16	63	0
6714863	9/1/2023 13:14	9/1/2023 14:17	63	0
790670	9/1/2023 13:15	9/1/2023 14:13	58	0
793638	9/1/2023 13:16	9/2/2023 9:55	1239	0.04
7937779	9/1/2023 13:17	9/1/2023 14:20	63	0
1299402	9/1/2023 13:19	9/2/2023 9:58	1239	0
1493132	9/1/2023 13:19	9/1/2023 13:50	31	0
1251782	9/1/2023 13:20	9/1/2023 14:21	61	0
817825	9/1/2023 13:22	9/1/2023 14:25	63	0
817260	9/1/2023 13:23	9/1/2023 14:21	58	0
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1508563	9/1/2023 13:32	9/1/2023 21:45	493	0
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466549	9/1/2023 13:40	9/1/2023 21:42	482	0
1985687	9/1/2023 13:44	9/1/2023 14:16	32	0
1493132	9/1/2023 13:50	9/1/2023 14:22	32	0
1393633	9/1/2023 13:50	9/1/2023 21:41	471	0
1406535	9/1/2023 13:50	9/1/2023 14:22	32	0.03
772378	9/1/2023 14:02	9/1/2023 14:12	10	0
309233	9/1/2023 14:07	9/1/2023 14:23	16	0
330528	9/1/2023 14:08	9/1/2023 14:38	30	0
496500	9/1/2023 14:09	9/1/2023 14:24	15	0
1430553	9/1/2023 14:09	9/1/2023 14:25	16	0
1539391	9/1/2023 14:10	9/1/2023 21:52	462	0
6583289	9/1/2023 14:10	9/1/2023 21:52	462	0
330485	9/1/2023 14:11	9/1/2023 21:43	452	0
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1362130	9/1/2023 14:12	9/1/2023 14:28	16	0

549596	9/1/2023 14:13	9/1/2023 21:44	451	0
790670	9/1/2023 14:13	9/1/2023 14:45	32	0
1309098	9/1/2023 14:14	9/1/2023 14:30	16	0.13
309961	9/1/2023 14:14	9/1/2023 14:25	11	0
9075059	9/1/2023 14:16	9/1/2023 14:27	11	0
1985687	9/1/2023 14:16	9/1/2023 14:58	42	0
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7937779	9/1/2023 14:20	9/1/2023 15:18	58	0
51483	9/1/2023 14:21	9/1/2023 14:36	15	0
1576533	9/1/2023 14:21	9/1/2023 21:52	451	0.01
1514004	9/1/2023 14:21	9/1/2023 14:37	16	0
817260	9/1/2023 14:21	9/1/2023 16:06	105	0
1251782	9/1/2023 14:21	9/1/2023 16:05	104	0
1406535	9/1/2023 14:22	9/1/2023 14:32	10	0
51957	9/1/2023 14:22	9/1/2023 14:38	16	0
49209	9/1/2023 14:22	9/1/2023 14:38	16	0
1599629	9/1/2023 14:22	9/1/2023 21:44	442	0.04
1600016	9/1/2023 14:22	9/1/2023 21:54	452	0
1493132	9/1/2023 14:22	9/1/2023 14:32	10	0
309233	9/1/2023 14:23	9/1/2023 21:37	434	0
8950281	9/1/2023 14:23	9/1/2023 14:39	16	0
496500	9/1/2023 14:24	9/1/2023 14:40	16	0
1430553	9/1/2023 14:25	9/1/2023 14:40	15	0.07
817825	9/1/2023 14:25	9/1/2023 21:40	435	0
1417138	9/1/2023 14:25	9/1/2023 14:57	32	0
309961	9/1/2023 14:25	9/1/2023 14:45	20	0
7533405	9/1/2023 14:26	9/1/2023 14:40	14	0
800600	9/1/2023 14:26	9/1/2023 14:42	16	0
274064	9/1/2023 14:26	9/1/2023 14:41	15	0
9075059	9/1/2023 14:27	9/1/2023 14:42	15	0
772378	9/1/2023 14:28	9/1/2023 14:44	16	0
1355611	9/1/2023 14:28	9/1/2023 15:46	78	0
1362130	9/1/2023 14:28	9/1/2023 14:44	16	0
564518	9/1/2023 14:29	9/1/2023 14:48	19	0
315345	9/1/2023 14:29	9/1/2023 14:45	16	0
8148103	9/1/2023 14:29	9/1/2023 21:54	445	0.08
314564	9/1/2023 14:29	9/1/2023 21:44	435	0
315306	9/1/2023 14:30	9/1/2023 21:52	442	0.61
1309098	9/1/2023 14:30	9/1/2023 14:46	16	0.15
801004	9/1/2023 14:30	9/1/2023 14:45	15	0
315346	9/1/2023 14:30	9/1/2023 14:46	16	0
8104722	9/1/2023 14:30	9/1/2023 21:47	437	0

317233	9/1/2023 14:30	9/1/2023 14:45	15	0.05
1093833	9/1/2023 14:30	9/1/2023 14:46	16	0
315752	9/1/2023 14:30	9/1/2023 21:45	435	0
317126	9/1/2023 14:31	9/1/2023 21:50	439	0
1362855	9/1/2023 14:31	9/1/2023 14:46	15	0
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496500	9/1/2023 14:40	9/1/2023 21:40	420	0
274064	9/1/2023 14:41	9/1/2023 21:43	422	0
1704326	9/1/2023 14:42	9/1/2023 21:41	419	0
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800600	9/1/2023 14:42	9/1/2023 21:42	420	0
793690	9/1/2023 14:43	9/1/2023 21:48	425	0
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772378	9/1/2023 14:44	9/2/2023 0:06	562	0
7879030	9/1/2023 14:44	9/1/2023 21:44	420	0
1190820	9/1/2023 14:44	9/1/2023 21:45	421	0
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315345	9/1/2023 14:45	9/1/2023 21:44	419	0
801004	9/1/2023 14:45	9/1/2023 21:45	420	0
317233	9/1/2023 14:45	9/1/2023 21:40	415	0
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656628	9/1/2023 14:45	9/1/2023 21:39	414	0.04
1362855	9/1/2023 14:46	9/1/2023 21:41	415	0
1309098	9/1/2023 14:46	9/1/2023 21:43	417	0

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810130	9/1/2023 14:48	9/1/2023 15:30	42	0
6995795	9/1/2023 14:48	9/1/2023 21:42	414	0
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8387677	9/1/2023 14:52	9/1/2023 21:47	415	0
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1704232	9/1/2023 14:53	9/1/2023 21:37	404	0
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1985687	9/1/2023 14:58	9/1/2023 21:44	406	0
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1388092	9/1/2023 15:17	9/1/2023 21:50	393	0.19
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8621797	9/1/2023 15:54	9/1/2023 21:51	357	0
1624452	9/1/2023 15:54	9/1/2023 21:51	357	0
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1076617	9/1/2023 15:57	9/1/2023 21:47	350	0
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1265626	9/1/2023 16:03	9/2/2023 10:00	1076	0
1251782	9/1/2023 16:05	9/1/2023 21:57	352	0
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8972545	9/1/2023 16:43	9/1/2023 21:35	292	0
386123	9/1/2023 18:04	9/2/2023 10:00	955	0
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323747	9/1/2023 20:47	9/2/2023 10:00	792	0
324045	9/1/2023 20:47	9/2/2023 10:00	792	0
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511266	9/1/2023 21:30	9/2/2023 10:00	749	0
954637	9/1/2023 21:32	9/2/2023 10:00	747	0
8590289	9/1/2023 21:33	9/2/2023 10:00	746	0
2032900	9/1/2023 21:34	9/2/2023 10:00	745	0
569420	9/1/2023 21:34	9/2/2023 10:00	745	0
8972545	9/1/2023 21:35	9/2/2023 10:00	744	0
583848	9/1/2023 21:35	9/2/2023 10:00	744	0
1093833	9/1/2023 21:35	9/2/2023 10:00	744	0
1356945	9/1/2023 21:36	9/2/2023 10:00	743	0
1553245	9/1/2023 21:36	9/2/2023 10:00	743	0
309233	9/1/2023 21:37	9/2/2023 10:00	742	0
8668965	9/1/2023 21:37	9/2/2023 10:00	742	0
810130	9/1/2023 21:37	9/2/2023 10:00	742	0
1704232	9/1/2023 21:37	9/2/2023 10:00	742	0
1355611	9/1/2023 21:38	9/2/2023 10:00	741	0
571420	9/1/2023 21:38	9/2/2023 10:00	741	0
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790670	9/1/2023 21:39	9/2/2023 10:00	740	0
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656628	9/1/2023 21:39	9/2/2023 10:00	740	0
980398	9/1/2023 21:40	9/2/2023 9:29	709	0
1434359	9/1/2023 21:40	9/2/2023 8:20	640	0
817825	9/1/2023 21:40	9/2/2023 10:00	739	0
317233	9/1/2023 21:40	9/2/2023 9:55	735	0
549617	9/1/2023 21:40	9/2/2023 10:00	739	0
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8910809	9/1/2023 21:41	9/2/2023 10:00	738	0
1362855	9/1/2023 21:41	9/2/2023 10:00	738	0
315604	9/1/2023 21:41	9/2/2023 10:00	738	0
324290	9/1/2023 21:41	9/2/2023 8:21	640	0
1393633	9/1/2023 21:41	9/2/2023 10:00	738	0
353651	9/1/2023 21:41	9/2/2023 10:00	738	0
1704326	9/1/2023 21:41	9/2/2023 10:00	738	0

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561757	9/1/2023 21:41	9/2/2023 10:00	738	0
510307	9/1/2023 21:41	9/2/2023 10:00	738	0
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507365	9/1/2023 21:42	9/2/2023 10:00	737	0
315346	9/1/2023 21:42	9/2/2023 9:52	730	0
6995795	9/1/2023 21:42	9/2/2023 10:00	737	0
466549	9/1/2023 21:42	9/2/2023 10:00	737	0
800600	9/1/2023 21:42	9/2/2023 10:00	737	0
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549596	9/1/2023 21:44	9/2/2023 10:00	735	0
1362130	9/1/2023 21:44	9/2/2023 9:40	716	0
315345	9/1/2023 21:44	9/2/2023 9:54	730	0
1387226	9/1/2023 21:44	9/2/2023 10:00	735	0
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1985687	9/1/2023 21:44	9/2/2023 10:00	735	0
587455	9/1/2023 21:44	9/2/2023 10:00	735	0
7879030	9/1/2023 21:44	9/2/2023 10:00	735	0
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315752	9/1/2023 21:45	9/2/2023 10:00	734	0
801004	9/1/2023 21:45	9/2/2023 10:00	734	0
346288	9/1/2023 21:45	9/2/2023 10:00	734	0
1432509	9/1/2023 21:45	9/2/2023 10:00	734	0
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381982	9/1/2023 21:46	9/2/2023 10:00	733	0
7937779	9/1/2023 21:46	9/2/2023 10:00	733	0
1390184	9/1/2023 21:47	9/2/2023 9:47	720	0
791510	9/1/2023 21:47	9/2/2023 10:00	732	0
1514004	9/1/2023 21:47	9/2/2023 10:00	732	0
8387677	9/1/2023 21:47	9/2/2023 10:00	732	0
8104722	9/1/2023 21:47	9/2/2023 9:51	724	0
1076617	9/1/2023 21:47	9/2/2023 10:00	732	0
1538577	9/1/2023 21:47	9/2/2023 10:00	732	0

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817260	9/1/2023 21:48	9/2/2023 10:00	731	0
1406535	9/1/2023 21:48	9/2/2023 9:26	698	0
8068454	9/1/2023 21:48	9/2/2023 9:53	725	0
9075059	9/1/2023 21:48	9/2/2023 9:09	681	0
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6961293	9/1/2023 21:48	9/2/2023 10:00	731	0
793690	9/1/2023 21:48	9/2/2023 10:00	731	0
49209	9/1/2023 21:48	9/2/2023 10:00	731	0
1301093	9/1/2023 21:49	9/2/2023 10:00	730	0
8950281	9/1/2023 21:49	9/2/2023 10:00	730	0
808829	9/1/2023 21:49	9/2/2023 10:00	730	0
6714863	9/1/2023 21:49	9/2/2023 10:00	730	0
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380057	9/1/2023 21:50	9/2/2023 10:00	729	0
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317126	9/1/2023 21:50	9/2/2023 10:00	729	0
1388092	9/1/2023 21:50	9/2/2023 10:00	729	0
8621797	9/1/2023 21:51	9/2/2023 10:00	728	0
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1624452	9/1/2023 21:51	9/2/2023 9:29	698	0
1514677	9/1/2023 21:51	9/2/2023 10:00	728	0
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6583289	9/1/2023 21:52	9/2/2023 10:00	727	0
8734029	9/1/2023 21:52	9/2/2023 10:00	727	0
1525793	9/1/2023 21:53	9/2/2023 9:42	709	0
309961	9/1/2023 21:53	9/2/2023 9:47	714	0
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345647	9/1/2023 21:53	9/2/2023 10:00	726	0
313954	9/1/2023 21:53	9/2/2023 10:00	726	0
51957	9/1/2023 21:53	9/2/2023 10:00	726	0
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8148103	9/1/2023 21:54	9/2/2023 10:00	725	0
1551513	9/1/2023 21:55	9/2/2023 10:00	724	0
316997	9/1/2023 21:56	9/2/2023 10:00	723	0
1251782	9/1/2023 21:57	9/2/2023 10:00	722	0
1320619	9/1/2023 22:20	9/2/2023 10:00	699	0
7533405	9/1/2023 23:10	9/2/2023 10:00	649	0
772378	9/2/2023 0:06	9/2/2023 10:00	593	0
353728	9/2/2023 1:23	9/2/2023 10:00	516	0

330528	9/2/2023 8:03	9/2/2023 10:00	116	0
1434359	9/2/2023 8:20	9/2/2023 10:00	99	0
324290	9/2/2023 8:21	9/2/2023 10:00	98	0
1493132	9/2/2023 9:00	9/2/2023 10:00	59	0
9075059	9/2/2023 9:09	9/2/2023 10:00	50	0
457729	9/2/2023 9:17	9/2/2023 10:00	42	0
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980398	9/2/2023 9:29	9/2/2023 10:00	30	0
1624452	9/2/2023 9:29	9/2/2023 10:00	30	0
8766703	9/2/2023 9:30	9/2/2023 10:00	29	0
1368745	9/2/2023 9:31	9/2/2023 10:00	28	0
1430553	9/2/2023 9:35	9/2/2023 10:00	24	0
1466638	9/2/2023 9:37	9/2/2023 10:00	22	0
1362130	9/2/2023 9:40	9/2/2023 10:00	19	0
1525793	9/2/2023 9:42	9/2/2023 10:00	17	0
309961	9/2/2023 9:47	9/2/2023 10:00	12	0
1390184	9/2/2023 9:47	9/2/2023 10:00	12	0
1417138	9/2/2023 9:51	9/2/2023 10:00	8	0
8104722	9/2/2023 9:51	9/2/2023 10:00	8	0
315346	9/2/2023 9:52	9/2/2023 10:00	7	0
8068454	9/2/2023 9:53	9/2/2023 10:00	6	0
315345	9/2/2023 9:54	9/2/2023 10:00	5	0
793638	9/2/2023 9:55	9/2/2023 10:00	4	0.14
317233	9/2/2023 9:55	9/2/2023 10:00	4	0
1299402	9/2/2023 9:58	9/2/2023 10:00	1	0
8766703	9/2/2023 10:00	9/3/2023 0:28	868	0
793638	9/2/2023 10:00	9/2/2023 11:24	84	0.19
1308096	9/2/2023 10:00	9/3/2023 10:00	1439	0
46184	9/2/2023 10:00	9/3/2023 10:00	1439	0
1368745	9/2/2023 10:00	9/2/2023 21:36	696	0
323747	9/2/2023 10:00	9/2/2023 20:51	651	0
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637185	9/2/2023 10:00	9/3/2023 10:00	1439	0
791510	9/2/2023 10:00	9/2/2023 11:28	88	0
309961	9/2/2023 10:00	9/2/2023 11:32	92	0
264186	9/2/2023 10:00	9/3/2023 10:00	1439	0
496500	9/2/2023 10:00	9/2/2023 14:18	258	0
564357	9/2/2023 10:00	9/3/2023 10:00	1439	0
705447	9/2/2023 10:00	9/3/2023 10:00	1439	0
323657	9/2/2023 10:00	9/2/2023 20:53	653	0.69
456099	9/2/2023 10:00	9/2/2023 21:34	694	0.08

1390184	9/2/2023 10:00	9/3/2023 0:28	868	0.08
455629	9/2/2023 10:00	9/2/2023 21:41	701	0.09
325050	9/2/2023 10:06	9/2/2023 21:41	695	0
1417138	9/2/2023 10:06	9/2/2023 20:52	646	0
324290	9/2/2023 10:06	9/2/2023 21:39	693	0
9075059	9/2/2023 10:07	9/2/2023 14:26	259	0
1586005	9/2/2023 10:08	9/2/2023 11:37	89	0
315346	9/2/2023 10:08	9/2/2023 11:42	94	0
1321605	9/2/2023 10:08	9/2/2023 14:52	284	0.12
1466638	9/2/2023 10:09	9/2/2023 11:38	89	0
315345	9/2/2023 10:10	9/2/2023 11:39	89	0.01
1309098	9/2/2023 10:10	9/2/2023 11:42	92	0.37
1320008	9/2/2023 10:11	9/3/2023 0:28	857	0.02
7533405	9/2/2023 10:11	9/2/2023 11:46	95	0
317233	9/2/2023 10:11	9/2/2023 11:40	89	0.26
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274064	9/2/2023 10:18	9/2/2023 11:21	63	0
8068454	9/2/2023 10:19	9/2/2023 11:38	79	0
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1508563	9/2/2023 10:21	9/3/2023 0:28	847	0
1511816	9/2/2023 10:21	9/2/2023 14:39	258	0
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507365	9/2/2023 10:23	9/2/2023 11:37	74	0
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6714863	9/2/2023 10:25	9/2/2023 11:22	57	0
859747	9/2/2023 10:25	9/3/2023 0:28	843	0
860281	9/2/2023 10:26	9/2/2023 20:31	605	0
790670	9/2/2023 10:26	9/2/2023 11:24	58	0
1434359	9/2/2023 10:37	9/2/2023 20:51	614	0
2032900	9/2/2023 10:37	9/3/2023 0:28	831	0
8148103	9/2/2023 10:39	9/2/2023 11:39	60	0
315306	9/2/2023 10:39	9/2/2023 11:42	63	0
8104722	9/2/2023 10:39	9/2/2023 21:24	645	0
1190820	9/2/2023 10:39	9/2/2023 14:19	220	0
793690	9/2/2023 10:40	9/2/2023 11:37	57	0
316997	9/2/2023 10:42	9/2/2023 11:40	58	0
51957	9/2/2023 10:45	9/2/2023 21:47	662	0
1550546	9/2/2023 10:47	9/2/2023 14:18	211	0
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1552699	9/2/2023 10:49	9/2/2023 14:19	210	0.04
1550545	9/2/2023 10:50	9/2/2023 14:20	210	0
1552790	9/2/2023 10:50	9/2/2023 14:19	209	0
324045	9/2/2023 10:54	9/2/2023 20:58	604	0
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1301093	9/2/2023 10:56	9/2/2023 21:16	620	0
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1493132	9/2/2023 11:01	9/2/2023 12:30	89	0
997397	9/2/2023 11:03	9/2/2023 21:17	614	0
995564	9/2/2023 11:04	9/3/2023 0:28	804	0
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1362130	9/2/2023 11:09	9/3/2023 0:28	799	0
954637	9/2/2023 11:11	9/2/2023 21:31	620	0.09
1525793	9/2/2023 11:17	9/2/2023 14:15	178	0
274064	9/2/2023 11:21	9/2/2023 11:36	15	0
1431804	9/2/2023 11:21	9/2/2023 14:35	194	0
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1437071	9/2/2023 11:22	9/2/2023 11:48	26	0
8590289	9/2/2023 11:23	9/2/2023 11:39	16	0
790670	9/2/2023 11:24	9/2/2023 11:39	15	0
793638	9/2/2023 11:24	9/2/2023 11:39	15	0.14
656628	9/2/2023 11:24	9/2/2023 11:55	31	0
506261	9/2/2023 11:24	9/2/2023 11:39	15	0.26
1362855	9/2/2023 11:25	9/3/2023 0:28	783	0.4
1356945	9/2/2023 11:26	9/2/2023 21:29	603	0
1406535	9/2/2023 11:27	9/2/2023 14:31	184	0
1075503	9/2/2023 11:27	9/2/2023 11:59	32	0
1388092	9/2/2023 11:28	9/2/2023 14:11	163	1.37
791510	9/2/2023 11:28	9/2/2023 11:37	9	0
1393633	9/2/2023 11:31	9/2/2023 11:42	11	0
317768	9/2/2023 11:31	9/3/2023 10:00	1348	0.01
309961	9/2/2023 11:32	9/2/2023 11:48	16	0
1514004	9/2/2023 11:32	9/3/2023 0:28	776	0
318815	9/2/2023 11:32	9/3/2023 10:00	1347	0
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274064	9/2/2023 11:36	9/2/2023 11:52	16	0
507365	9/2/2023 11:37	9/2/2023 14:41	184	0
1586005	9/2/2023 11:37	9/2/2023 12:08	31	0
793690	9/2/2023 11:37	9/2/2023 12:25	48	0
8668965	9/2/2023 11:37	9/2/2023 15:23	226	0
791510	9/2/2023 11:37	9/2/2023 12:24	47	0
8068454	9/2/2023 11:38	9/2/2023 11:48	10	0
313731	9/2/2023 11:38	9/3/2023 10:00	1341	0

1547843	9/2/2023 11:38	9/3/2023 0:28	770	0.02
564518	9/2/2023 11:38	9/2/2023 11:54	16	0
1466638	9/2/2023 11:38	9/2/2023 11:59	21	0
6714863	9/2/2023 11:38	9/2/2023 12:25	47	0
1546695	9/2/2023 11:38	9/2/2023 12:09	31	0
315345	9/2/2023 11:39	9/2/2023 14:12	153	0.38
8590289	9/2/2023 11:39	9/3/2023 0:28	769	0
793638	9/2/2023 11:39	9/2/2023 12:26	47	0.45
314564	9/2/2023 11:39	9/3/2023 10:00	1340	0
315380	9/2/2023 11:39	9/3/2023 10:00	1340	0
506261	9/2/2023 11:39	9/2/2023 21:38	599	1.31
790670	9/2/2023 11:39	9/2/2023 12:27	48	0
8148103	9/2/2023 11:39	9/2/2023 14:09	150	0
316997	9/2/2023 11:40	9/2/2023 14:12	152	0.01
317233	9/2/2023 11:40	9/2/2023 14:12	152	0.18
1093833	9/2/2023 11:40	9/2/2023 11:56	16	0
511266	9/2/2023 11:40	9/2/2023 14:39	179	0
810130	9/2/2023 11:41	9/2/2023 11:57	16	0
808829	9/2/2023 11:41	9/2/2023 11:57	16	0
315346	9/2/2023 11:42	9/2/2023 14:09	147	0
315752	9/2/2023 11:42	9/3/2023 10:00	1337	0
1393633	9/2/2023 11:42	9/2/2023 11:57	15	0
1309098	9/2/2023 11:42	9/2/2023 11:57	15	0.19
315604	9/2/2023 11:42	9/3/2023 10:00	1337	0
315306	9/2/2023 11:42	9/2/2023 14:15	153	0.15
1599629	9/2/2023 11:43	9/2/2023 13:14	91	0.09
1600016	9/2/2023 11:43	9/2/2023 12:15	32	0
313954	9/2/2023 11:43	9/3/2023 10:00	1336	0
445867	9/2/2023 11:46	9/3/2023 10:00	1333	0
1430553	9/2/2023 11:46	9/2/2023 12:01	15	0.08
7533405	9/2/2023 11:46	9/2/2023 12:02	16	0.01
309961	9/2/2023 11:48	9/2/2023 12:03	15	0
1437071	9/2/2023 11:48	9/2/2023 12:04	16	0
8068454	9/2/2023 11:48	9/2/2023 12:04	16	0
274064	9/2/2023 11:52	9/2/2023 16:05	253	0
564518	9/2/2023 11:54	9/2/2023 12:38	44	0
656628	9/2/2023 11:55	9/2/2023 12:11	16	0.03
1093833	9/2/2023 11:56	9/2/2023 12:38	42	0
810130	9/2/2023 11:57	9/2/2023 14:40	163	0
1393633	9/2/2023 11:57	9/2/2023 13:42	105	0
1309098	9/2/2023 11:57	9/2/2023 14:26	149	0.97
808829	9/2/2023 11:57	9/2/2023 12:29	32	0
1466638	9/2/2023 11:59	9/2/2023 14:26	147	0
1075503	9/2/2023 11:59	9/2/2023 15:14	195	0
1430553	9/2/2023 12:01	9/2/2023 14:18	137	0.25
7533405	9/2/2023 12:02	9/2/2023 12:17	15	0.08
309961	9/2/2023 12:03	9/2/2023 13:49	106	0

1437071	9/2/2023 12:04	9/3/2023 10:00	1315	0
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558031	9/2/2023 12:07	9/2/2023 13:52	105	0
1586005	9/2/2023 12:08	9/2/2023 14:25	137	0
561757	9/2/2023 12:08	9/2/2023 13:53	105	0
1546695	9/2/2023 12:09	9/2/2023 14:20	131	0
656628	9/2/2023 12:11	9/3/2023 10:00	1308	0.16
1600016	9/2/2023 12:15	9/3/2023 10:00	1304	0
1597937	9/2/2023 12:16	9/2/2023 21:39	563	0
7533405	9/2/2023 12:17	9/2/2023 13:58	101	0.12
791510	9/2/2023 12:24	9/3/2023 10:00	1295	0
6714863	9/2/2023 12:25	9/2/2023 12:57	32	0
793690	9/2/2023 12:25	9/2/2023 12:56	31	0
793638	9/2/2023 12:26	9/3/2023 10:00	1293	0.06
1433697	9/2/2023 12:27	9/2/2023 17:19	292	0
790670	9/2/2023 12:27	9/2/2023 12:53	26	0
7937779	9/2/2023 12:28	9/2/2023 21:34	546	0
808829	9/2/2023 12:29	9/2/2023 14:13	104	0
1493132	9/2/2023 12:30	9/3/2023 0:28	718	0
1093833	9/2/2023 12:38	9/2/2023 14:23	105	0
564518	9/2/2023 12:38	9/2/2023 16:13	215	0
790670	9/2/2023 12:53	9/3/2023 10:00	1266	0
1671261	9/2/2023 12:54	9/3/2023 10:00	1265	0
793690	9/2/2023 12:56	9/3/2023 10:00	1263	0
6714863	9/2/2023 12:57	9/3/2023 10:00	1262	0
985241	9/2/2023 13:04	9/2/2023 13:36	32	0
1599629	9/2/2023 13:14	9/2/2023 21:34	500	0
8068454	9/2/2023 13:24	9/2/2023 13:50	26	0
791361	9/2/2023 13:26	9/3/2023 10:00	1233	0
386123	9/2/2023 13:29	9/2/2023 15:40	131	0
985241	9/2/2023 13:36	9/2/2023 21:28	472	0
1393633	9/2/2023 13:42	9/2/2023 14:29	47	0
1076617	9/2/2023 13:48	9/2/2023 14:19	31	0
309961	9/2/2023 13:49	9/2/2023 14:47	58	0
8068454	9/2/2023 13:50	9/2/2023 14:21	31	0
558031	9/2/2023 13:52	9/2/2023 21:39	467	0
561757	9/2/2023 13:53	9/3/2023 0:28	635	0
7533405	9/2/2023 13:58	9/2/2023 15:16	78	0
8148103	9/2/2023 14:09	9/2/2023 21:44	455	0.09
315346	9/2/2023 14:09	9/2/2023 21:39	450	0
321310	9/2/2023 14:10	9/2/2023 16:10	120	0
6961293	9/2/2023 14:10	9/2/2023 16:16	126	0.02
1387226	9/2/2023 14:11	9/2/2023 14:41	30	0
1388092	9/2/2023 14:11	9/2/2023 14:40	29	0.14
315345	9/2/2023 14:12	9/2/2023 21:40	448	0
316997	9/2/2023 14:12	9/2/2023 21:50	458	0.04
317233	9/2/2023 14:12	9/3/2023 0:28	616	0

808829	9/2/2023 14:13	9/2/2023 14:40	27	0
315306	9/2/2023 14:15	9/2/2023 21:46	451	0.08
1525793	9/2/2023 14:15	9/2/2023 15:29	74	0
1550546	9/2/2023 14:18	9/3/2023 0:28	610	0
1430553	9/2/2023 14:18	9/2/2023 14:34	16	0.19
496500	9/2/2023 14:18	9/2/2023 14:33	15	0
1190820	9/2/2023 14:19	9/2/2023 14:49	30	0
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1076617	9/2/2023 14:19	9/2/2023 14:35	16	0
1552790	9/2/2023 14:19	9/3/2023 0:28	609	0
1550545	9/2/2023 14:20	9/2/2023 21:41	441	0
1546695	9/2/2023 14:20	9/2/2023 14:36	16	0
772378	9/2/2023 14:21	9/2/2023 14:37	16	0
8068454	9/2/2023 14:21	9/2/2023 14:37	16	0
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801004	9/2/2023 14:23	9/2/2023 14:39	16	0
1093833	9/2/2023 14:23	9/2/2023 14:39	16	0
800600	9/2/2023 14:24	9/2/2023 14:40	16	0
1586005	9/2/2023 14:25	9/2/2023 14:41	16	0
1466638	9/2/2023 14:26	9/2/2023 14:37	11	0
1309098	9/2/2023 14:26	9/2/2023 14:42	16	0.01
9075059	9/2/2023 14:26	9/2/2023 16:58	152	0
1393633	9/2/2023 14:29	9/2/2023 14:45	16	0
587455	9/2/2023 14:30	9/2/2023 14:45	15	0
1406535	9/2/2023 14:31	9/2/2023 16:00	89	0
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1431804	9/2/2023 14:35	9/2/2023 14:51	16	0
1076617	9/2/2023 14:35	9/3/2023 0:28	593	0
1546695	9/2/2023 14:36	9/3/2023 0:28	592	0
309265	9/2/2023 14:36	9/3/2023 0:28	592	0
1320646	9/2/2023 14:37	9/2/2023 14:42	5	0
1466638	9/2/2023 14:37	9/2/2023 16:27	110	0
308032	9/2/2023 14:37	9/2/2023 21:48	431	0
8068454	9/2/2023 14:37	9/2/2023 21:42	425	0
772378	9/2/2023 14:37	9/3/2023 0:28	591	0
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643072	9/2/2023 14:39	9/3/2023 0:28	589	0
1093833	9/2/2023 14:39	9/2/2023 21:34	415	0
511266	9/2/2023 14:39	9/2/2023 21:39	420	0
1511816	9/2/2023 14:39	9/3/2023 0:28	589	0
801004	9/2/2023 14:39	9/3/2023 0:28	589	0
510307	9/2/2023 14:40	9/3/2023 0:28	588	0

1388092	9/2/2023 14:40	9/3/2023 0:28	588	0.25
808829	9/2/2023 14:40	9/3/2023 0:28	588	0
800600	9/2/2023 14:40	9/3/2023 0:28	588	0
810130	9/2/2023 14:40	9/3/2023 0:28	588	0
1320619	9/2/2023 14:41	9/3/2023 0:28	587	0
1586005	9/2/2023 14:41	9/2/2023 21:35	414	0
1387226	9/2/2023 14:41	9/3/2023 0:28	587	0
507365	9/2/2023 14:41	9/3/2023 0:28	587	0
1309098	9/2/2023 14:42	9/3/2023 0:28	586	0
1320646	9/2/2023 14:42	9/3/2023 0:28	586	0.03
658177	9/2/2023 14:43	9/3/2023 0:28	585	0
1393633	9/2/2023 14:45	9/3/2023 0:28	583	0
587455	9/2/2023 14:45	9/2/2023 21:40	415	0
1704232	9/2/2023 14:46	9/3/2023 0:28	582	0.01
49209	9/2/2023 14:47	9/2/2023 21:47	420	0
309961	9/2/2023 14:47	9/2/2023 15:34	47	0
1556602	9/2/2023 14:48	9/3/2023 0:28	580	0
1430553	9/2/2023 14:49	9/2/2023 21:33	404	0
1556919	9/2/2023 14:49	9/3/2023 0:28	579	0
1190820	9/2/2023 14:49	9/3/2023 0:28	579	0
724232	9/2/2023 14:51	9/3/2023 0:28	577	0
1431804	9/2/2023 14:51	9/2/2023 15:07	16	0
1321605	9/2/2023 14:52	9/3/2023 0:28	576	0
1527384	9/2/2023 15:00	9/2/2023 15:32	32	0
251248	9/2/2023 15:00	9/2/2023 21:35	395	0
1527935	9/2/2023 15:00	9/2/2023 15:29	29	0
1527731	9/2/2023 15:02	9/2/2023 15:29	27	0
1527886	9/2/2023 15:02	9/2/2023 15:28	26	0
281237	9/2/2023 15:04	9/2/2023 21:40	396	0
279780	9/2/2023 15:06	9/2/2023 21:36	390	0
1431804	9/2/2023 15:07	9/3/2023 0:28	561	0
280935	9/2/2023 15:08	9/2/2023 21:42	394	0
281456	9/2/2023 15:08	9/2/2023 21:20	372	0
1075503	9/2/2023 15:14	9/2/2023 21:36	382	0
7607485	9/2/2023 15:15	9/2/2023 21:35	380	0
7533405	9/2/2023 15:16	9/2/2023 17:43	147	0
8668965	9/2/2023 15:23	9/3/2023 0:28	545	0
8511623	9/2/2023 15:24	9/2/2023 15:56	32	0
1527886	9/2/2023 15:28	9/3/2023 0:28	540	0
1527935	9/2/2023 15:29	9/2/2023 21:40	371	0
1527731	9/2/2023 15:29	9/2/2023 21:36	367	0
1525793	9/2/2023 15:29	9/2/2023 16:16	47	0
1527384	9/2/2023 15:32	9/2/2023 21:44	372	0
309961	9/2/2023 15:34	9/2/2023 16:20	46	0
854579	9/2/2023 15:35	9/2/2023 21:32	357	0
6733217	9/2/2023 15:35	9/2/2023 21:45	370	0
8972545	9/2/2023 15:35	9/3/2023 0:28	533	0

1551513	9/2/2023 15:37	9/3/2023 0:28	531	0
386123	9/2/2023 15:40	9/2/2023 17:25	105	0
583848	9/2/2023 15:50	9/2/2023 21:31	341	0
8511623	9/2/2023 15:56	9/3/2023 0:28	512	0
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1406535	9/2/2023 16:00	9/3/2023 0:28	508	0
8621797	9/2/2023 16:03	9/2/2023 21:49	346	0
274064	9/2/2023 16:05	9/3/2023 0:28	503	0
321310	9/2/2023 16:10	9/2/2023 21:41	331	0
564518	9/2/2023 16:13	9/2/2023 21:39	326	0
6961293	9/2/2023 16:16	9/2/2023 21:41	325	0
1525793	9/2/2023 16:16	9/2/2023 21:41	325	0
304345	9/2/2023 16:16	9/2/2023 21:40	324	0
309961	9/2/2023 16:20	9/2/2023 16:36	16	0
1466638	9/2/2023 16:27	9/2/2023 21:31	304	0
456084	9/2/2023 16:31	9/2/2023 21:36	305	0
309961	9/2/2023 16:36	9/2/2023 17:33	57	0
456048	9/2/2023 16:36	9/2/2023 21:40	304	0
1518241	9/2/2023 16:43	9/3/2023 0:28	465	0
9075059	9/2/2023 16:58	9/3/2023 0:28	450	0
389401	9/2/2023 17:11	9/2/2023 21:34	263	0
1433697	9/2/2023 17:19	9/2/2023 22:09	290	0
386123	9/2/2023 17:25	9/2/2023 21:38	253	0
309961	9/2/2023 17:33	9/2/2023 21:45	252	0
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323747	9/2/2023 20:51	9/3/2023 10:00	788	0
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330528	9/2/2023 20:53	9/3/2023 10:00	786	0
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583848	9/2/2023 21:31	9/3/2023 10:00	748	0
496500	9/2/2023 21:31	9/3/2023 10:00	748	0
954637	9/2/2023 21:31	9/3/2023 10:00	748	0
854579	9/2/2023 21:32	9/3/2023 10:00	747	0
980398	9/2/2023 21:33	9/3/2023 9:48	735	0
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315346	9/2/2023 21:39	9/3/2023 9:55	736	0
1597937	9/2/2023 21:39	9/3/2023 10:00	740	0
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315345	9/2/2023 21:40	9/3/2023 9:56	736	0
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304345	9/2/2023 21:40	9/3/2023 10:00	739	0
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1525793	9/2/2023 21:41	9/3/2023 10:00	738	0
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457729	9/2/2023 21:46	9/3/2023 10:00	733	0
315306	9/2/2023 21:46	9/3/2023 10:00	733	0
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1433697	9/2/2023 22:09	9/2/2023 22:29	20	0
1433697	9/2/2023 22:29	9/2/2023 23:09	40	0
1433697	9/2/2023 23:09	9/2/2023 23:29	20	0
1433697	9/2/2023 23:29	9/3/2023 0:09	40	0
1433697	9/3/2023 0:09	9/3/2023 0:29	20	0
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1556919	9/3/2023 0:28	9/3/2023 10:00	571	0
801004	9/3/2023 0:28	9/3/2023 10:00	571	0
1527886	9/3/2023 0:28	9/3/2023 10:00	571	0
1493132	9/3/2023 0:28	9/3/2023 8:58	510	0
1320008	9/3/2023 0:28	9/3/2023 9:54	566	0
810130	9/3/2023 0:28	9/3/2023 10:00	571	0
1431804	9/3/2023 0:28	9/3/2023 10:00	571	0
1700586	9/3/2023 0:28	9/3/2023 10:00	571	0
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1320646	9/3/2023 0:28	9/3/2023 10:00	571	0
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1393633	9/3/2023 0:28	9/3/2023 10:00	571	0
507365	9/3/2023 0:28	9/3/2023 10:00	571	0
724232	9/3/2023 0:28	9/3/2023 10:00	571	0
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1514004	9/3/2023 0:28	9/3/2023 10:00	571	0
1551513	9/3/2023 0:28	9/3/2023 10:00	571	0
317233	9/3/2023 0:28	9/3/2023 9:56	568	0
510307	9/3/2023 0:28	9/3/2023 10:00	571	0
8972545	9/3/2023 0:28	9/3/2023 10:00	571	0
658177	9/3/2023 0:28	9/3/2023 10:00	571	0
1387226	9/3/2023 0:28	9/3/2023 10:00	571	0
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1076617	9/3/2023 0:28	9/3/2023 10:00	571	0
1388092	9/3/2023 0:28	9/3/2023 10:00	571	0
1704232	9/3/2023 0:28	9/3/2023 10:00	571	0
1547843	9/3/2023 0:28	9/3/2023 10:00	571	0
1556602	9/3/2023 0:28	9/3/2023 10:00	571	0
1190820	9/3/2023 0:28	9/3/2023 10:00	571	0
643072	9/3/2023 0:28	9/3/2023 10:00	571	0
957615	9/3/2023 0:28	9/3/2023 10:00	571	0
1309098	9/3/2023 0:28	9/3/2023 9:52	564	0
8668965	9/3/2023 0:28	9/3/2023 10:00	571	0
1362855	9/3/2023 0:28	9/3/2023 9:39	551	0
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800600	9/3/2023 0:28	9/3/2023 10:00	571	0
449036	9/3/2023 0:28	9/3/2023 10:00	571	0
1362130	9/3/2023 0:28	9/3/2023 9:38	550	0

995564	9/3/2023 0:28	9/3/2023 10:00	571	0
772378	9/3/2023 0:28	9/3/2023 10:00	571	0
309265	9/3/2023 0:28	9/3/2023 10:00	571	0
274064	9/3/2023 0:28	9/3/2023 10:00	571	0
8511623	9/3/2023 0:28	9/3/2023 10:00	571	0
8590289	9/3/2023 0:28	9/3/2023 10:00	571	0
8766703	9/3/2023 0:28	9/3/2023 9:29	541	0
808829	9/3/2023 0:28	9/3/2023 10:00	571	0
561757	9/3/2023 0:28	9/3/2023 10:00	571	0
9075059	9/3/2023 0:28	9/3/2023 9:09	521	0
1321605	9/3/2023 0:28	9/3/2023 9:30	542	0
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859747	9/3/2023 0:28	9/3/2023 10:00	571	0
1511532	9/3/2023 0:28	9/3/2023 10:00	571	0
1406535	9/3/2023 0:28	9/3/2023 9:30	542	0
1550546	9/3/2023 0:28	9/3/2023 10:00	571	0
1518241	9/3/2023 0:28	9/3/2023 10:00	571	0
1433697	9/3/2023 0:29	9/3/2023 0:49	20	0
1433697	9/3/2023 0:49	9/3/2023 10:00	550.2	0
324290	9/3/2023 8:20	9/3/2023 10:00	99	0
204700	9/3/2023 8:36	9/3/2023 10:00	83	0
8950281	9/3/2023 8:46	9/3/2023 10:00	73	0
51483	9/3/2023 8:46	9/3/2023 10:00	73	0
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1355611	9/3/2023 9:07	9/3/2023 10:00	52	0
1356945	9/3/2023 9:08	9/3/2023 10:00	51	0
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309961	9/3/2023 9:18	9/3/2023 10:00	41	0
8766703	9/3/2023 9:29	9/3/2023 10:00	30	0
1321605	9/3/2023 9:30	9/3/2023 10:00	29	0
1406535	9/3/2023 9:30	9/3/2023 10:00	29	0
1430553	9/3/2023 9:33	9/3/2023 10:00	26	0
8068454	9/3/2023 9:36	9/3/2023 10:00	23	0
1362130	9/3/2023 9:38	9/3/2023 10:00	21	0
1362855	9/3/2023 9:39	9/3/2023 10:00	20	0
1466638	9/3/2023 9:42	9/3/2023 10:00	17	0
980398	9/3/2023 9:48	9/3/2023 10:00	11	0
1390184	9/3/2023 9:51	9/3/2023 10:00	8	0
1309098	9/3/2023 9:52	9/3/2023 10:00	7	0
1320008	9/3/2023 9:54	9/3/2023 10:00	5	0
315346	9/3/2023 9:55	9/3/2023 10:00	4	0
315345	9/3/2023 9:56	9/3/2023 10:00	3	0
317233	9/3/2023 9:56	9/3/2023 10:00	3	0
1308096	9/3/2023 10:00	9/4/2023 10:00	1439	0

46184	9/3/2023 10:00	9/4/2023 10:00	1439	0
496500	9/3/2023 10:00	9/3/2023 21:34	694	0
564357	9/3/2023 10:00	9/4/2023 10:00	1439	0
1434359	9/3/2023 10:00	9/3/2023 20:52	652	0
264186	9/3/2023 10:00	9/4/2023 10:00	1439	0
988262	9/3/2023 10:00	9/4/2023 10:00	1439	0
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637185	9/3/2023 10:00	9/4/2023 10:00	1439	0
705447	9/3/2023 10:00	9/4/2023 10:00	1439	0
872542	9/3/2023 10:00	9/4/2023 10:00	1439	0
1390184	9/3/2023 10:06	9/3/2023 21:40	694	0
1586005	9/3/2023 10:06	9/3/2023 11:41	95	0
321310	9/3/2023 10:06	9/3/2023 11:41	95	0
8766703	9/3/2023 10:06	9/3/2023 11:53	107	0
6961293	9/3/2023 10:07	9/4/2023 0:28	861	0.05
1321605	9/3/2023 10:07	9/3/2023 14:40	273	0
772378	9/3/2023 10:07	9/4/2023 0:28	861	0
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1309098	9/3/2023 10:08	9/3/2023 11:37	89	0.06
793638	9/3/2023 10:08	9/3/2023 14:41	273	3.11
1320008	9/3/2023 10:09	9/3/2023 15:09	300	0
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1387226	9/3/2023 10:12	9/3/2023 11:41	89	0
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1700586	9/3/2023 10:15	9/3/2023 14:27	252	0
997397	9/3/2023 10:15	9/3/2023 14:20	245	0
7533405	9/3/2023 10:16	9/3/2023 11:29	73	0
1368745	9/3/2023 10:16	9/4/2023 0:28	852	0
1251782	9/3/2023 10:18	9/4/2023 0:28	850	0
817260	9/3/2023 10:19	9/3/2023 21:46	687	0
1430553	9/3/2023 10:20	9/3/2023 14:32	252	1.13
325050	9/3/2023 10:21	9/4/2023 0:28	847	0
324290	9/3/2023 10:21	9/4/2023 0:28	847	0
323657	9/3/2023 10:22	9/4/2023 0:28	846	0.03
323747	9/3/2023 10:24	9/4/2023 0:28	844	0
1190820	9/3/2023 10:25	9/3/2023 14:50	265	0
1985687	9/3/2023 10:25	9/3/2023 14:24	239	0
386123	9/3/2023 10:27	9/3/2023 15:26	299	0
954637	9/3/2023 10:28	9/3/2023 11:42	74	0
817825	9/3/2023 10:30	9/4/2023 0:28	838	0
309961	9/3/2023 10:32	9/3/2023 11:24	52	0

1466638	9/3/2023 10:35	9/3/2023 11:06	31	0
801004	9/3/2023 10:36	9/3/2023 11:39	63	0
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800600	9/3/2023 10:37	9/3/2023 11:40	63	0
1362855	9/3/2023 10:37	9/3/2023 14:22	225	0.05
561757	9/3/2023 10:37	9/4/2023 10:00	1402	0
810130	9/3/2023 10:41	9/3/2023 11:13	32	0
808829	9/3/2023 10:42	9/3/2023 11:55	73	0
1388092	9/3/2023 10:47	9/3/2023 11:40	53	0.01
1552699	9/3/2023 10:47	9/3/2023 11:34	47	0
1550545	9/3/2023 10:48	9/3/2023 11:36	48	0
1552790	9/3/2023 10:51	9/3/2023 11:33	42	0
1550546	9/3/2023 10:51	9/3/2023 11:33	42	0
1093833	9/3/2023 10:52	9/3/2023 11:40	48	0
1320619	9/3/2023 10:53	9/3/2023 21:30	637	0
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1320646	9/3/2023 10:55	9/3/2023 21:40	645	0
1301093	9/3/2023 10:58	9/3/2023 14:28	210	0.17
51957	9/3/2023 11:00	9/4/2023 0:28	808	0
1704232	9/3/2023 11:04	9/4/2023 0:28	804	0.04
1431804	9/3/2023 11:04	9/4/2023 0:28	804	0
8068454	9/3/2023 11:05	9/4/2023 0:28	803	0
1466638	9/3/2023 11:06	9/3/2023 11:38	32	0
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456099	9/3/2023 11:21	9/3/2023 14:35	194	0
2032900	9/3/2023 11:22	9/4/2023 0:28	786	0
1321750	9/3/2023 11:23	9/3/2023 14:38	195	0
309961	9/3/2023 11:24	9/3/2023 11:45	21	0
658177	9/3/2023 11:28	9/3/2023 11:38	10	0
7533405	9/3/2023 11:29	9/3/2023 12:00	31	0
6733217	9/3/2023 11:30	9/3/2023 12:01	31	0
1556602	9/3/2023 11:32	9/3/2023 11:53	21	0
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1550545	9/3/2023 11:36	9/3/2023 11:51	15	0
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1309098	9/3/2023 11:37	9/3/2023 11:53	16	0.21
980398	9/3/2023 11:38	9/3/2023 13:49	131	0
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658177	9/3/2023 11:38	9/3/2023 11:54	16	0
1466638	9/3/2023 11:38	9/3/2023 12:09	31	0
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1093833	9/3/2023 11:40	9/3/2023 11:55	15	0
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1388092	9/3/2023 11:40	9/3/2023 12:11	31	0.16
1586005	9/3/2023 11:41	9/3/2023 12:07	26	0
1387226	9/3/2023 11:41	9/3/2023 12:12	31	0
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1550546	9/3/2023 11:49	9/4/2023 0:28	759	0
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1550545	9/3/2023 11:51	9/4/2023 0:28	757	0
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658177	9/3/2023 11:54	9/3/2023 12:10	16	0
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7533405	9/3/2023 12:00	9/3/2023 12:16	16	0
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6733217	9/3/2023 12:01	9/3/2023 14:18	137	0
1586005	9/3/2023 12:07	9/3/2023 13:10	63	0
1466638	9/3/2023 12:09	9/3/2023 13:38	89	0
279780	9/3/2023 12:09	9/4/2023 0:28	739	0.09
8511623	9/3/2023 12:09	9/3/2023 14:25	136	0
658177	9/3/2023 12:10	9/3/2023 14:42	152	0
1524033	9/3/2023 12:11	9/3/2023 21:20	549	0.09
1388092	9/3/2023 12:11	9/3/2023 12:53	42	0.02

1387226	9/3/2023 12:12	9/3/2023 12:54	42	0
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7533405	9/3/2023 12:16	9/3/2023 13:51	95	0
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353651	9/3/2023 12:27	9/4/2023 10:00	1292	0
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808829	9/3/2023 12:43	9/3/2023 12:59	16	0
1076617	9/3/2023 12:48	9/3/2023 14:49	121	0
1388092	9/3/2023 12:53	9/3/2023 13:41	48	0.01
1387226	9/3/2023 12:54	9/3/2023 14:08	74	0
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572883	9/3/2023 13:05	9/3/2023 14:49	104	0
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307661	9/3/2023 13:47	9/3/2023 14:19	32	0
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304345	9/3/2023 13:51	9/3/2023 14:22	31	0
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8734029	9/3/2023 13:54	9/3/2023 14:10	16	0
1432509	9/3/2023 13:55	9/3/2023 14:10	15	0
810130	9/3/2023 13:56	9/3/2023 14:27	31	0
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1417138	9/3/2023 14:06	9/3/2023 14:22	16	0
321310	9/3/2023 14:08	9/3/2023 14:23	15	0
1387226	9/3/2023 14:08	9/3/2023 14:24	16	0
1432509	9/3/2023 14:10	9/3/2023 14:26	16	0
8734029	9/3/2023 14:10	9/3/2023 14:25	15	0
1309098	9/3/2023 14:10	9/3/2023 14:26	16	0.09
1466638	9/3/2023 14:10	9/3/2023 14:26	16	0
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6733217	9/3/2023 14:18	9/3/2023 14:34	16	0
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1362855	9/3/2023 14:22	9/3/2023 14:38	16	0
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1388092	9/3/2023 14:23	9/3/2023 14:39	16	0

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1301093	9/3/2023 14:28	9/4/2023 0:28	600	0
346288	9/3/2023 14:28	9/3/2023 14:44	16	0
1093833	9/3/2023 14:28	9/3/2023 14:43	15	0
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587455	9/3/2023 14:30	9/3/2023 15:00	30	0
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1406535	9/3/2023 14:30	9/3/2023 14:45	15	0
980398	9/3/2023 14:31	9/3/2023 14:47	16	0
8564413	9/3/2023 14:31	9/3/2023 14:47	16	0
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1417138	9/3/2023 14:33	9/3/2023 21:43	430	0
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455629	9/3/2023 14:34	9/4/2023 0:28	594	0
1514004	9/3/2023 14:34	9/3/2023 15:00	26	0
6733217	9/3/2023 14:34	9/3/2023 21:41	427	0
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8766703	9/3/2023 14:36	9/4/2023 0:31	595	0
8972545	9/3/2023 14:36	9/4/2023 0:28	592	0
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321310	9/3/2023 14:39	9/4/2023 0:28	589	0
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1985687	9/3/2023 14:40	9/4/2023 0:28	588	0
6761269	9/3/2023 14:40	9/4/2023 0:28	588	0
1387226	9/3/2023 14:40	9/4/2023 0:28	588	0
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345647	9/3/2023 14:40	9/4/2023 0:28	588	0
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1518241	9/3/2023 14:41	9/4/2023 0:28	587	0
793638	9/3/2023 14:41	9/3/2023 21:36	415	0
658177	9/3/2023 14:42	9/4/2023 0:28	586	0
1093833	9/3/2023 14:43	9/3/2023 21:33	410	0
1700586	9/3/2023 14:43	9/4/2023 0:28	585	0
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1432509	9/3/2023 14:47	9/4/2023 0:28	581	0
980398	9/3/2023 14:47	9/4/2023 0:28	581	0
49209	9/3/2023 14:47	9/4/2023 0:28	581	0
48217	9/3/2023 14:47	9/4/2023 0:28	581	0
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810130	9/3/2023 14:59	9/3/2023 15:09	10	0
587455	9/3/2023 15:00	9/3/2023 21:40	400	0
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312766	9/3/2023 15:12	9/4/2023 0:28	556	0
1358945	9/3/2023 15:14	9/3/2023 21:37	383	0
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386123	9/3/2023 15:26	9/3/2023 15:42	16	0
583848	9/3/2023 15:28	9/4/2023 0:28	540	0
389401	9/3/2023 15:28	9/3/2023 17:13	105	0
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8950281	9/3/2023 15:31	9/4/2023 8:59	1048	0
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612567	9/3/2023 15:54	9/3/2023 21:40	346	0
610922	9/3/2023 15:55	9/4/2023 6:33	878	0
611638	9/3/2023 15:56	9/3/2023 21:43	347	0
501613	9/3/2023 16:07	9/4/2023 0:28	501	0
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1493132	9/3/2023 16:14	9/3/2023 21:45	331	0
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9066697	9/3/2023 16:35	9/3/2023 16:51	16	0
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1557303	9/3/2023 16:48	9/3/2023 17:04	16	0
619266	9/3/2023 16:50	9/3/2023 17:53	63	0
1554218	9/3/2023 16:51	9/3/2023 17:07	16	0
9066697	9/3/2023 16:51	9/3/2023 17:07	16	0
1557188	9/3/2023 16:52	9/3/2023 17:07	15	0
1557303	9/3/2023 17:04	9/4/2023 0:28	444	0
9066697	9/3/2023 17:07	9/3/2023 17:23	16	0
1554218	9/3/2023 17:07	9/3/2023 21:45	278	0
1557188	9/3/2023 17:07	9/3/2023 21:35	268	0
386123	9/3/2023 17:13	9/3/2023 21:40	267	0
389401	9/3/2023 17:13	9/4/2023 0:28	435	0
9066697	9/3/2023 17:23	9/4/2023 0:28	425	0
1512146	9/3/2023 17:23	9/3/2023 17:39	16	0
309961	9/3/2023 17:32	9/3/2023 17:48	16	0
1453359	9/3/2023 17:39	9/4/2023 0:28	409	0
1512146	9/3/2023 17:39	9/4/2023 0:28	409	0
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304345	9/3/2023 21:38	9/4/2023 10:00	741	0
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1417138	9/3/2023 21:43	9/4/2023 10:00	736	0
1363754	9/3/2023 21:43	9/4/2023 10:00	736	0
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619266	9/3/2023 21:44	9/4/2023 10:00	735	0
1388092	9/3/2023 21:44	9/4/2023 10:00	735	0
611885	9/3/2023 21:44	9/4/2023 10:00	735	0
1493132	9/3/2023 21:45	9/4/2023 8:41	656	0
1554218	9/3/2023 21:45	9/4/2023 10:00	734	0
1403562	9/3/2023 21:45	9/4/2023 10:00	734	0
817260	9/3/2023 21:46	9/4/2023 10:00	733	0
1503507	9/3/2023 21:46	9/4/2023 10:00	733	0
1552790	9/3/2023 21:46	9/4/2023 10:00	733	0
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1433697	9/3/2023 23:29	9/4/2023 0:15	46	0
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1453359	9/4/2023 0:28	9/4/2023 10:00	571	0
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1527384	9/4/2023 0:28	9/4/2023 10:00	571	0

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1466638	9/4/2023 0:28	9/4/2023 10:00	571	0
1321605	9/4/2023 0:28	9/4/2023 9:39	551	0
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8068454	9/4/2023 0:28	9/4/2023 10:00	571	0
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572883	9/4/2023 0:28	9/4/2023 10:00	571	0
455629	9/4/2023 0:28	9/4/2023 10:00	571	0
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1525793	9/4/2023 0:28	9/4/2023 10:00	571	0
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324045	9/4/2023 0:28	9/4/2023 10:00	571	0
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8511623	9/4/2023 0:28	9/4/2023 10:00	571	0
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1272457	9/4/2023 0:28	9/4/2023 10:00	571	0
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307661	9/4/2023 0:28	9/4/2023 10:00	571	0
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281237	9/4/2023 0:28	9/4/2023 10:00	571	0
1301093	9/4/2023 0:28	9/4/2023 10:00	571	0
8621797	9/4/2023 0:28	9/4/2023 10:00	571	0
48217	9/4/2023 0:28	9/4/2023 10:00	571	0
1533009	9/4/2023 0:28	9/4/2023 10:00	571	0
8734029	9/4/2023 0:28	9/4/2023 10:00	571	0
449036	9/4/2023 0:28	9/4/2023 10:00	571	0
1552699	9/4/2023 0:28	9/4/2023 10:00	571	0
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8972545	9/4/2023 0:28	9/4/2023 10:00	571	0
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1556919	9/4/2023 0:28	9/4/2023 10:00	571	0
51957	9/4/2023 0:28	9/4/2023 9:05	517	0
1076617	9/4/2023 0:28	9/4/2023 9:22	534	0
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315708	9/4/2023 0:28	9/4/2023 10:00	571	0
1431804	9/4/2023 0:28	9/4/2023 10:00	571	0
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1356945	9/4/2023 0:28	9/4/2023 9:22	534	0
1511264	9/4/2023 0:28	9/4/2023 10:00	571	0
1362130	9/4/2023 0:28	9/4/2023 9:05	517	0
1432509	9/4/2023 0:28	9/4/2023 10:00	571	0
346288	9/4/2023 0:28	9/4/2023 10:00	571	0
1387226	9/4/2023 0:28	9/4/2023 10:00	571	0
1406535	9/4/2023 0:28	9/4/2023 9:44	556	0
612363	9/4/2023 0:28	9/4/2023 10:00	571	0
1430553	9/4/2023 0:28	9/4/2023 9:31	543	0
1550546	9/4/2023 0:28	9/4/2023 10:00	571	0
301691	9/4/2023 0:28	9/4/2023 10:00	571	0
1518241	9/4/2023 0:28	9/4/2023 9:46	558	0
324290	9/4/2023 0:28	9/4/2023 10:00	571	0

1433697	9/4/2023 0:29	9/4/2023 1:15	46	0
8766703	9/4/2023 0:31	9/4/2023 10:00	568	0
1433697	9/4/2023 1:15	9/4/2023 1:29	14	0
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309961	9/4/2023 8:20	9/4/2023 10:00	99	0
593366	9/4/2023 8:28	9/4/2023 10:00	91	0
1493132	9/4/2023 8:41	9/4/2023 10:00	78	0
1435531	9/4/2023 8:50	9/4/2023 9:06	16	0
1434359	9/4/2023 8:51	9/4/2023 9:49	58	0
8950281	9/4/2023 8:59	9/4/2023 10:00	60	0
51483	9/4/2023 9:01	9/4/2023 10:00	58	0
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51957	9/4/2023 9:05	9/4/2023 10:00	54	0
1435531	9/4/2023 9:06	9/4/2023 10:00	53	0
9075059	9/4/2023 9:08	9/4/2023 10:00	51	0
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1076617	9/4/2023 9:22	9/4/2023 10:00	37	0
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1321605	9/4/2023 9:39	9/4/2023 10:00	20	0
1406535	9/4/2023 9:44	9/4/2023 10:00	15	0
1518241	9/4/2023 9:46	9/4/2023 10:00	13	0
1434359	9/4/2023 9:49	9/4/2023 10:00	10	0
1704232	9/4/2023 9:49	9/4/2023 10:00	10	0
581074	9/4/2023 9:50	9/4/2023 10:00	9	0
1390184	9/4/2023 9:50	9/4/2023 10:00	9	0
309233	9/4/2023 9:50	9/4/2023 10:00	9	0
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1985687	9/4/2023 9:53	9/4/2023 10:00	6	0
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8104722	9/4/2023 9:53	9/4/2023 10:00	6	0
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1309098	9/4/2023 9:55	9/4/2023 10:00	4	0
317233	9/4/2023 9:56	9/4/2023 10:00	3	0

808829	9/4/2023 9:58	9/4/2023 10:00	1	0
810130	9/4/2023 9:59	9/4/2023 10:00	0	0
1527935	9/4/2023 10:00	9/4/2023 11:45	105	0
980398	9/4/2023 10:00	9/5/2023 0:28	868	0
637185	9/4/2023 10:00	9/5/2023 10:00	1439	0
49209	9/4/2023 10:00	9/5/2023 0:28	868	0
1704232	9/4/2023 10:00	9/5/2023 0:28	868	0
561757	9/4/2023 10:00	9/5/2023 0:28	868	0
330528	9/4/2023 10:00	9/4/2023 11:48	108	0
1434359	9/4/2023 10:00	9/4/2023 11:07	67	0
1368745	9/4/2023 10:00	9/5/2023 0:28	868	0
1527886	9/4/2023 10:00	9/4/2023 11:45	105	0
1308096	9/4/2023 10:00	9/5/2023 10:00	1439	0
8766703	9/4/2023 10:00	9/4/2023 21:39	699	0
1390184	9/4/2023 10:00	9/4/2023 21:43	703	0
1525793	9/4/2023 10:00	9/4/2023 11:45	105	0
1556919	9/4/2023 10:00	9/5/2023 0:28	868	0.08
353728	9/4/2023 10:00	9/4/2023 12:31	151	0
46184	9/4/2023 10:00	9/5/2023 10:00	1439	0
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872542	9/4/2023 10:00	9/5/2023 10:00	1439	0
564357	9/4/2023 10:00	9/5/2023 10:00	1439	0.01
581074	9/4/2023 10:00	9/4/2023 14:34	274	0
988262	9/4/2023 10:00	9/5/2023 10:00	1439	0
705447	9/4/2023 10:00	9/5/2023 10:00	1439	0
1527384	9/4/2023 10:00	9/4/2023 11:48	108	0
496500	9/4/2023 10:00	9/5/2023 0:28	868	0
264186	9/4/2023 10:00	9/5/2023 10:00	1439	0
1524033	9/4/2023 10:01	9/4/2023 15:27	326	2.67
1464949	9/4/2023 10:06	9/4/2023 11:35	89	0
772378	9/4/2023 10:06	9/5/2023 0:28	862	0
1466638	9/4/2023 10:07	9/4/2023 11:10	63	0
1552154	9/4/2023 10:07	9/5/2023 0:28	861	0
1320008	9/4/2023 10:08	9/4/2023 14:25	257	0.08
793638	9/4/2023 10:08	9/4/2023 13:25	197	0
1362130	9/4/2023 10:08	9/4/2023 11:37	89	0
1362855	9/4/2023 10:09	9/4/2023 11:38	89	0
8104722	9/4/2023 10:09	9/4/2023 20:12	603	0
1387226	9/4/2023 10:10	9/4/2023 21:38	688	0
315345	9/4/2023 10:10	9/4/2023 14:12	242	0.77
957615	9/4/2023 10:10	9/4/2023 11:45	95	0
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1321605	9/4/2023 10:10	9/4/2023 14:22	252	0.01
1406535	9/4/2023 10:11	9/4/2023 11:45	94	0
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1985687	9/4/2023 10:41	9/4/2023 11:38	57	0
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315509	9/4/2023 10:53	9/4/2023 14:07	194	0.35
324045	9/4/2023 10:53	9/4/2023 14:23	210	0
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312766	9/4/2023 10:54	9/4/2023 14:13	199	0.11
8068454	9/4/2023 10:54	9/5/2023 0:28	814	0
315484	9/4/2023 10:56	9/4/2023 14:10	194	0
386123	9/4/2023 10:57	9/4/2023 15:41	284	0
1493132	9/4/2023 10:57	9/4/2023 12:00	63	0
7937779	9/4/2023 11:01	9/4/2023 11:58	57	0

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1363415	9/4/2023 11:11	9/4/2023 11:37	26	0
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1466638	9/4/2023 11:36	9/4/2023 11:52	16	0
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1363415	9/4/2023 11:37	9/4/2023 11:53	16	0
274064	9/4/2023 11:37	9/4/2023 12:03	26	0
572883	9/4/2023 11:38	9/4/2023 14:52	194	0
1362855	9/4/2023 11:38	9/4/2023 11:54	16	0
1356945	9/4/2023 11:38	9/4/2023 11:54	16	0
1985687	9/4/2023 11:38	9/4/2023 11:54	16	0

1093833	9/4/2023 11:38	9/4/2023 12:41	63	0
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1355611	9/4/2023 11:38	9/4/2023 11:53	15	0
658177	9/4/2023 11:39	9/4/2023 11:54	15	0.01
6761269	9/4/2023 11:39	9/4/2023 11:55	16	0
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663228	9/4/2023 11:39	9/4/2023 11:55	16	0
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1518241	9/4/2023 11:41	9/4/2023 11:57	16	0
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1309098	9/4/2023 11:42	9/4/2023 11:56	14	0
160073	9/4/2023 11:43	9/4/2023 11:58	15	0
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345647	9/4/2023 11:44	9/4/2023 11:58	14	0
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1406535	9/4/2023 11:45	9/4/2023 15:15	210	0.06
1513240	9/4/2023 11:46	9/4/2023 12:17	31	0.11
1518502	9/4/2023 11:46	9/4/2023 12:02	16	0
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859747	9/4/2023 11:53	9/4/2023 12:08	15	0
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1355611	9/4/2023 11:53	9/4/2023 12:09	16	0
1356945	9/4/2023 11:54	9/4/2023 12:10	16	0
1362855	9/4/2023 11:54	9/4/2023 12:10	16	0
1985687	9/4/2023 11:54	9/4/2023 13:57	123	0

658177	9/4/2023 11:54	9/4/2023 12:10	16	0
663228	9/4/2023 11:55	9/4/2023 12:10	15	0
6761269	9/4/2023 11:55	9/4/2023 14:11	136	0
1511264	9/4/2023 11:55	9/5/2023 0:28	753	0
8511623	9/4/2023 11:56	9/4/2023 15:53	237	0
1309098	9/4/2023 11:56	9/4/2023 14:10	134	0
346288	9/4/2023 11:56	9/4/2023 14:12	136	0
1511251	9/4/2023 11:56	9/5/2023 0:28	752	0
1518241	9/4/2023 11:57	9/4/2023 14:13	136	0
345647	9/4/2023 11:58	9/4/2023 14:13	135	0
7937779	9/4/2023 11:58	9/4/2023 12:14	16	0
160073	9/4/2023 11:58	9/4/2023 12:13	15	0
1493132	9/4/2023 12:00	9/4/2023 12:16	16	0
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1518502	9/4/2023 12:02	9/4/2023 12:29	27	0
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274064	9/4/2023 12:03	9/4/2023 12:50	47	0
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860281	9/4/2023 12:05	9/4/2023 14:37	152	0
1554218	9/4/2023 12:06	9/4/2023 14:33	147	0
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1362130	9/4/2023 12:09	9/4/2023 14:52	163	0
1355611	9/4/2023 12:09	9/4/2023 12:57	48	0
663228	9/4/2023 12:10	9/4/2023 14:11	121	0
1356945	9/4/2023 12:10	9/4/2023 12:52	42	0
658177	9/4/2023 12:10	9/4/2023 14:42	152	0.01
1362855	9/4/2023 12:10	9/4/2023 12:57	47	0
1586005	9/4/2023 12:11	9/4/2023 14:23	132	0
160073	9/4/2023 12:13	9/4/2023 14:12	119	0
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1443586	9/4/2023 12:24	9/4/2023 14:09	105	0
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810130	9/4/2023 13:55	9/4/2023 14:11	16	0
1985687	9/4/2023 13:57	9/4/2023 14:13	16	0
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457729	9/4/2023 14:06	9/4/2023 14:32	26	0
9075059	9/4/2023 14:07	9/4/2023 14:24	17	0
315509	9/4/2023 14:07	9/4/2023 14:23	16	0.01
8668965	9/4/2023 14:07	9/4/2023 14:54	47	0
1464949	9/4/2023 14:07	9/4/2023 14:33	26	0
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1309098	9/4/2023 14:10	9/4/2023 14:39	29	0.02
663228	9/4/2023 14:11	9/4/2023 14:27	16	0
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346288	9/4/2023 14:12	9/4/2023 14:28	16	0
160073	9/4/2023 14:12	9/5/2023 0:28	616	0
315345	9/4/2023 14:12	9/5/2023 0:28	616	0
315090	9/4/2023 14:12	9/4/2023 14:27	15	0
1075503	9/4/2023 14:12	9/4/2023 14:54	42	0
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1985687	9/4/2023 14:13	9/4/2023 14:23	10	0
321310	9/4/2023 14:13	9/4/2023 14:28	15	0
345647	9/4/2023 14:13	9/4/2023 14:28	15	0
1518241	9/4/2023 14:13	9/4/2023 14:29	16	0
312766	9/4/2023 14:13	9/4/2023 14:24	11	0
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304345	9/4/2023 14:15	9/4/2023 14:31	16	0
7533405	9/4/2023 14:15	9/4/2023 14:31	16	0.06
1527731	9/4/2023 14:15	9/4/2023 14:30	15	0
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1533009	9/4/2023 14:15	9/4/2023 14:30	15	0
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306565	9/4/2023 14:16	9/4/2023 14:32	16	0
8621797	9/4/2023 14:17	9/4/2023 14:32	15	0
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1527886	9/4/2023 14:17	9/4/2023 14:34	17	0
307661	9/4/2023 14:18	9/4/2023 14:33	15	0
817260	9/4/2023 14:19	9/4/2023 14:29	10	0
934496	9/4/2023 14:19	9/5/2023 0:28	609	0
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1076617	9/4/2023 14:21	9/4/2023 14:37	16	0
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1251782	9/4/2023 14:49	9/5/2023 0:28	579	0
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1557188	9/4/2023 16:03	9/4/2023 17:06	63	0
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6992958	9/4/2023 17:09	9/4/2023 17:25	16	0
7607485	9/4/2023 17:15	9/5/2023 0:28	433	0
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1681747	9/4/2023 17:23	9/5/2023 0:28	425	0
6503956	9/4/2023 17:24	9/5/2023 0:28	424	0
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7533405	9/4/2023 18:33	9/5/2023 10:00	926	0
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8104722	9/4/2023 20:12	9/5/2023 10:00	827	0
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1343091	9/4/2023 21:22	9/5/2023 10:00	757	0
1342974	9/4/2023 21:23	9/5/2023 10:00	756	0

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1320008	9/4/2023 21:30	9/5/2023 10:00	749	0
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658177	9/4/2023 21:32	9/5/2023 10:00	747	0
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9066697	9/4/2023 21:38	9/5/2023 10:00	741	0
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1301093	9/5/2023 0:28	9/5/2023 10:00	571	0

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860281	9/5/2023 0:28	9/5/2023 10:00	571	0
1527384	9/5/2023 0:28	9/5/2023 9:14	526	0
315345	9/5/2023 0:28	9/5/2023 10:00	571	0
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457729	9/5/2023 0:28	9/5/2023 10:00	571	0
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274064	9/5/2023 0:28	9/5/2023 10:00	571	0
324290	9/5/2023 0:28	9/5/2023 9:06	518	0
1557188	9/5/2023 0:28	9/5/2023 10:00	571	0
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8621797	9/5/2023 0:28	9/5/2023 10:00	571	0
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496500	9/5/2023 0:28	9/5/2023 10:00	571	0
1527731	9/5/2023 0:28	9/5/2023 9:14	526	0
1363415	9/5/2023 0:28	9/5/2023 10:00	571	0
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8668965	9/5/2023 0:28	9/5/2023 10:00	571	0
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1985687	9/5/2023 0:28	9/5/2023 9:53	565	0
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345647	9/5/2023 0:28	9/5/2023 10:00	571	0
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324290	9/5/2023 9:06	9/5/2023 10:00	53	0
1527384	9/5/2023 9:14	9/5/2023 10:00	45	0
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9063373	9/5/2023 9:22	9/5/2023 10:00	37	0

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810130	9/5/2023 9:31	9/5/2023 10:00	28	0
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1985687	9/5/2023 9:53	9/5/2023 10:00	6	0
988262	9/5/2023 10:00	9/6/2023 10:00	1439	0
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637185	9/5/2023 10:00	9/6/2023 10:00	1439	0
1308096	9/5/2023 10:00	9/6/2023 10:00	1439	0
705447	9/5/2023 10:00	9/6/2023 10:00	1439	0
1406535	9/5/2023 10:00	9/5/2023 14:24	264	0.03
564357	9/5/2023 10:00	9/6/2023 10:00	1439	0.01
264186	9/5/2023 10:00	9/6/2023 10:00	1439	0
1498622	9/5/2023 10:07	9/5/2023 20:20	613	0
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7533405	9/5/2023 10:12	9/5/2023 11:10	58	0
8621797	9/5/2023 10:15	9/5/2023 11:09	54	0
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306565	9/5/2023 10:16	9/5/2023 11:42	86	0
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1527731	9/5/2023 10:38	9/5/2023 11:56	78	0
1527384	9/5/2023 10:38	9/5/2023 11:59	81	0
587455	9/5/2023 10:40	9/6/2023 0:28	828	0
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1525793	9/5/2023 10:41	9/5/2023 11:10	29	0
1527886	9/5/2023 10:41	9/5/2023 11:56	75	0
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1356945	9/5/2023 11:03	9/5/2023 14:18	195	0
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6761269	9/5/2023 11:08	9/5/2023 21:38	630	0
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1553525	9/5/2023 11:19	9/5/2023 11:35	16	0
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801004	9/5/2023 11:21	9/5/2023 11:37	16	0
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800600	9/5/2023 11:34	9/5/2023 13:35	121	0.06
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6733217	9/5/2023 11:41	9/5/2023 14:55	194	0
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1309098	9/5/2023 11:51	9/5/2023 13:04	73	0
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1700586	9/5/2023 11:56	9/5/2023 12:12	16	0
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1525793	9/5/2023 11:57	9/5/2023 12:45	48	0
1527695	9/5/2023 11:58	9/5/2023 12:40	42	0
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810130	9/5/2023 12:00	9/5/2023 12:11	11	0
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1190820	9/5/2023 12:05	9/5/2023 12:37	32	0
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808829	9/5/2023 12:08	9/5/2023 12:56	48	0
663228	9/5/2023 12:08	9/5/2023 13:38	90	0
658177	9/5/2023 12:08	9/5/2023 14:40	152	0.03
980398	9/5/2023 12:11	9/5/2023 14:12	121	0
810130	9/5/2023 12:11	9/5/2023 12:53	42	0
1700586	9/5/2023 12:12	9/5/2023 15:27	195	0
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793638	9/5/2023 12:37	9/5/2023 14:48	131	0.25
1190820	9/5/2023 12:37	9/6/2023 10:00	1282	0
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954637	9/5/2023 12:54	9/5/2023 14:23	89	0
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1388092	9/5/2023 14:22	9/5/2023 15:20	58	0.27
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1387226	9/5/2023 14:24	9/5/2023 15:21	57	0
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775199	9/5/2023 17:02	9/5/2023 21:45	283	0
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280935	9/5/2023 21:43	9/6/2023 10:00	736	0
1624452	9/5/2023 21:43	9/6/2023 10:00	736	0
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817260	9/5/2023 21:45	9/6/2023 10:00	734	0
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559872	9/5/2023 21:45	9/6/2023 10:00	734	0
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1433697	9/5/2023 22:24	9/5/2023 22:29	5	0
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1390184	9/6/2023 0:28	9/6/2023 9:48	560	0
455994	9/6/2023 0:28	9/6/2023 9:46	558	0
1362855	9/6/2023 0:28	9/6/2023 8:22	474	0
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587455	9/6/2023 0:28	9/6/2023 10:00	571	0
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8950281	9/6/2023 8:12	9/6/2023 10:00	107	0
1518241	9/6/2023 8:12	9/6/2023 10:00	107	0
309961	9/6/2023 8:15	9/6/2023 9:13	58	0
51483	9/6/2023 8:16	9/6/2023 10:00	103	0
1356945	9/6/2023 8:19	9/6/2023 10:00	100	0
324290	9/6/2023 8:19	9/6/2023 10:00	100	0
1362855	9/6/2023 8:22	9/6/2023 10:00	97	0
8511623	9/6/2023 8:37	9/6/2023 10:00	82	0
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1985687	9/6/2023 9:20	9/6/2023 10:00	39	0
9075059	9/6/2023 9:22	9/6/2023 10:00	37	0
1406535	9/6/2023 9:24	9/6/2023 10:00	35	0
309961	9/6/2023 9:29	9/6/2023 10:00	30	0
51957	9/6/2023 9:31	9/6/2023 10:00	28	0
1076617	9/6/2023 9:32	9/6/2023 10:00	27	0
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1464949	9/6/2023 9:45	9/6/2023 10:00	14	0
455994	9/6/2023 9:46	9/6/2023 10:00	13	0
1320008	9/6/2023 9:48	9/6/2023 10:00	11	0
1390184	9/6/2023 9:48	9/6/2023 10:00	11	0
1309098	9/6/2023 9:49	9/6/2023 10:00	10	0
1321605	9/6/2023 9:52	9/6/2023 10:00	7	0
8766703	9/6/2023 9:55	9/6/2023 10:00	4	0

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1309098	9/6/2023 10:00	9/6/2023 13:23	203	0.64
264186	9/6/2023 10:00	9/7/2023 10:00	1439	0
705447	9/6/2023 10:00	9/7/2023 10:00	1439	0
321310	9/6/2023 10:00	9/7/2023 0:28	868	0
1552154	9/6/2023 10:00	9/6/2023 11:32	92	0
564357	9/6/2023 10:00	9/7/2023 10:00	1439	0
46184	9/6/2023 10:00	9/7/2023 10:00	1439	0
637185	9/6/2023 10:00	9/7/2023 10:00	1439	0
1387226	9/6/2023 10:00	9/7/2023 0:28	868	0
1985687	9/6/2023 10:00	9/6/2023 11:39	99	0
872542	9/6/2023 10:00	9/7/2023 10:00	1439	0
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1308096	9/6/2023 10:00	9/7/2023 10:00	1439	0
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496500	9/6/2023 10:00	9/6/2023 21:29	689	0
1368745	9/6/2023 10:00	9/7/2023 0:28	868	0
1406535	9/6/2023 10:01	9/6/2023 11:40	99	0
805495	9/6/2023 10:01	9/7/2023 0:28	867	0
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345647	9/6/2023 10:07	9/7/2023 0:28	861	0
6961293	9/6/2023 10:07	9/6/2023 20:21	614	0.16
1321605	9/6/2023 10:08	9/6/2023 14:23	255	0.98
1320619	9/6/2023 10:08	9/6/2023 11:06	58	0
1493132	9/6/2023 10:09	9/6/2023 11:54	105	0
346288	9/6/2023 10:10	9/7/2023 0:28	858	0
6761269	9/6/2023 10:10	9/6/2023 21:32	682	0
1525793	9/6/2023 10:10	9/6/2023 14:27	257	0
8766703	9/6/2023 10:10	9/6/2023 11:40	90	0
1518507	9/6/2023 10:11	9/6/2023 21:27	676	0.71
587455	9/6/2023 10:11	9/6/2023 21:31	680	0
1299402	9/6/2023 10:11	9/7/2023 0:28	857	0
957615	9/6/2023 10:11	9/6/2023 11:56	105	0
51483	9/6/2023 10:11	9/6/2023 16:13	362	0.11
1529176	9/6/2023 10:12	9/6/2023 20:27	615	0
1529493	9/6/2023 10:12	9/7/2023 0:28	856	0.12
8950281	9/6/2023 10:13	9/6/2023 16:16	363	0
51957	9/6/2023 10:13	9/6/2023 14:14	241	0
581074	9/6/2023 10:14	9/6/2023 13:13	179	0
1390184	9/6/2023 10:14	9/6/2023 14:32	258	0
1518241	9/6/2023 10:14	9/7/2023 1:03	889	0
1076617	9/6/2023 10:14	9/7/2023 0:28	854	0
309961	9/6/2023 10:16	9/6/2023 11:45	89	0
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1464949	9/6/2023 10:16	9/6/2023 11:46	90	0
323657	9/6/2023 10:17	9/7/2023 0:28	851	0.03
1557100	9/6/2023 10:17	9/6/2023 11:46	89	0

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323747	9/6/2023 10:18	9/7/2023 0:28	850	0
1320008	9/6/2023 10:19	9/6/2023 14:23	244	0.99
772378	9/6/2023 10:19	9/7/2023 0:28	849	0
325050	9/6/2023 10:20	9/6/2023 11:05	45	0
808829	9/6/2023 10:20	9/6/2023 11:39	79	0
1356945	9/6/2023 10:20	9/6/2023 21:27	667	0
324290	9/6/2023 10:20	9/7/2023 0:28	848	0
6714863	9/6/2023 10:21	9/6/2023 20:51	630	0.07
583848	9/6/2023 10:22	9/6/2023 11:42	80	0
790670	9/6/2023 10:22	9/7/2023 0:28	846	0
1362855	9/6/2023 10:23	9/6/2023 21:34	671	1.26
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5873632	9/6/2023 10:24	9/6/2023 21:34	670	0.4
307661	9/6/2023 10:25	9/6/2023 11:44	79	0
8972545	9/6/2023 10:31	9/7/2023 0:28	837	0
8068454	9/6/2023 10:34	9/6/2023 11:17	43	0
1388092	9/6/2023 10:35	9/6/2023 21:42	667	0.36
7533405	9/6/2023 10:41	9/6/2023 11:44	63	0.05
817260	9/6/2023 10:41	9/6/2023 11:44	63	0
817825	9/6/2023 10:41	9/6/2023 11:44	63	0
1251782	9/6/2023 10:42	9/6/2023 11:41	59	0
1554218	9/6/2023 10:43	9/6/2023 11:46	63	0
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1557303	9/6/2023 10:46	9/6/2023 11:44	58	0
324045	9/6/2023 10:47	9/6/2023 21:37	650	0
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1190820	9/6/2023 10:49	9/6/2023 11:49	60	0
793690	9/6/2023 10:49	9/6/2023 20:52	603	0.02
954637	9/6/2023 10:49	9/6/2023 11:52	63	0.27
251248	9/6/2023 10:54	9/6/2023 11:44	50	0.03
455629	9/6/2023 10:59	9/6/2023 14:29	210	0
1527695	9/6/2023 10:59	9/6/2023 14:29	210	0
455994	9/6/2023 10:59	9/6/2023 14:29	210	0.26
1553525	9/6/2023 11:01	9/6/2023 11:33	32	0
1343091	9/6/2023 11:01	9/7/2023 0:28	807	0
456099	9/6/2023 11:02	9/6/2023 14:31	209	0
317233	9/6/2023 11:03	9/6/2023 21:06	603	0.8
658177	9/6/2023 11:04	9/6/2023 11:36	32	0
564518	9/6/2023 11:04	9/6/2023 11:34	30	0
1342974	9/6/2023 11:04	9/6/2023 21:19	615	0
325050	9/6/2023 11:05	9/6/2023 11:20	15	0
315345	9/6/2023 11:06	9/6/2023 21:08	602	0.21
1320619	9/6/2023 11:06	9/6/2023 14:20	194	0
315346	9/6/2023 11:06	9/6/2023 21:09	603	0

1093833	9/6/2023 11:07	9/6/2023 11:38	31	0
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7937779	9/6/2023 11:11	9/6/2023 11:58	47	0
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1514004	9/6/2023 11:12	9/7/2023 0:28	796	0.08
8621797	9/6/2023 11:13	9/6/2023 11:44	31	0
8068454	9/6/2023 11:17	9/6/2023 12:30	73	0
1431804	9/6/2023 11:18	9/7/2023 0:28	790	0.12
934496	9/6/2023 11:18	9/6/2023 11:48	30	0
343205	9/6/2023 11:19	9/6/2023 21:20	601	0
1466638	9/6/2023 11:20	9/6/2023 11:46	26	0
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1553525	9/6/2023 11:33	9/6/2023 12:04	31	0
564518	9/6/2023 11:34	9/6/2023 13:05	91	0
658177	9/6/2023 11:36	9/6/2023 11:52	16	0.01
1586005	9/6/2023 11:37	9/6/2023 11:48	11	0
1093833	9/6/2023 11:38	9/6/2023 13:39	121	0
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658177	9/6/2023 11:52	9/6/2023 12:08	16	0.05

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957615	9/6/2023 11:56	9/6/2023 12:11	15	0
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583848	9/6/2023 11:57	9/6/2023 12:13	16	0
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1432509	9/6/2023 14:06	9/6/2023 14:22	16	0

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817260	9/6/2023 14:11	9/6/2023 14:27	16	0
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8621797	9/6/2023 14:11	9/6/2023 14:58	47	0
1251782	9/6/2023 14:11	9/6/2023 14:27	16	0
1493132	9/6/2023 14:11	9/6/2023 15:10	59	0
7533405	9/6/2023 14:11	9/6/2023 14:27	16	0.02
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658177	9/6/2023 14:40	9/7/2023 0:28	588	0
7937779	9/6/2023 14:40	9/7/2023 0:28	588	0
583848	9/6/2023 14:40	9/7/2023 0:28	588	0
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1251782	9/6/2023 14:41	9/7/2023 0:28	587	0
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751178	9/6/2023 14:43	9/6/2023 21:32	409	0
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1557100	9/6/2023 14:45	9/7/2023 0:28	583	0
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8621797	9/6/2023 14:58	9/7/2023 0:28	570	0
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1093833	9/6/2023 15:08	9/6/2023 21:31	383	0
564518	9/6/2023 15:08	9/7/2023 0:28	560	0
1493132	9/6/2023 15:10	9/6/2023 17:43	153	0
55232	9/6/2023 15:11	9/7/2023 0:28	557	0
1556246	9/6/2023 15:12	9/6/2023 21:36	384	0
1406535	9/6/2023 15:13	9/7/2023 0:28	555	0
1464949	9/6/2023 15:16	9/6/2023 15:47	31	0
1554218	9/6/2023 15:16	9/6/2023 15:47	31	0
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793638	9/6/2023 15:19	9/6/2023 15:50	31	0
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8766703	9/6/2023 15:42	9/7/2023 0:28	526	0
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1557303	9/6/2023 15:45	9/6/2023 16:43	58	0
934496	9/6/2023 15:45	9/6/2023 21:05	320	0
1557188	9/6/2023 15:45	9/6/2023 16:43	58	0
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455994	9/6/2023 15:48	9/6/2023 21:40	352	0
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859747	9/6/2023 16:17	9/7/2023 0:28	491	0
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860281	9/6/2023 16:22	9/6/2023 21:28	306	0
7607485	9/6/2023 16:27	9/7/2023 0:28	481	0
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9066697	9/6/2023 16:34	9/6/2023 16:49	15	0
1681747	9/6/2023 16:34	9/6/2023 21:38	304	0
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587455	9/6/2023 21:31	9/7/2023 10:00	748	0
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980398	9/6/2023 21:32	9/7/2023 10:00	747	0
793638	9/6/2023 21:32	9/7/2023 10:00	747	0
1414215	9/6/2023 21:32	9/7/2023 10:00	747	0
309265	9/6/2023 21:32	9/7/2023 10:00	747	0
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6761269	9/6/2023 21:32	9/7/2023 10:00	747	0
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506261	9/6/2023 21:34	9/7/2023 10:00	745	0
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791510	9/6/2023 21:35	9/7/2023 4:03	388	0

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6992958	9/6/2023 21:36	9/7/2023 10:00	743	0
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1403562	9/6/2023 21:37	9/7/2023 10:00	742	0
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6733217	9/6/2023 21:37	9/7/2023 10:00	742	0
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1553525	9/6/2023 21:38	9/7/2023 10:00	741	0
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1388092	9/6/2023 21:42	9/7/2023 10:00	737	0
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1433697	9/6/2023 22:29	9/6/2023 23:12	43	0
301691	9/6/2023 22:36	9/7/2023 10:00	683	0
1433697	9/6/2023 23:12	9/6/2023 23:29	17	0
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346288	9/7/2023 0:28	9/7/2023 10:00	571	0
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1406535	9/7/2023 0:28	9/7/2023 9:37	549	0
1443586	9/7/2023 0:28	9/7/2023 10:00	571	0
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1321605	9/7/2023 0:28	9/7/2023 10:00	571	0
9075059	9/7/2023 0:28	9/7/2023 9:32	544	0
1376158	9/7/2023 0:28	9/7/2023 10:00	571	0
1557303	9/7/2023 0:28	9/7/2023 10:00	571	0
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571420	9/7/2023 0:28	9/7/2023 10:00	571	0
663228	9/7/2023 0:28	9/7/2023 10:00	571	0
51483	9/7/2023 0:28	9/7/2023 8:13	465	0
581074	9/7/2023 0:28	9/7/2023 10:00	571	0
21820	9/7/2023 0:28	9/7/2023 10:00	571	0
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7937779	9/7/2023 0:28	9/7/2023 10:00	571	0
309961	9/7/2023 0:28	9/7/2023 8:15	467	0

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1463520	9/7/2023 0:28	9/7/2023 10:00	571	0
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9066697	9/7/2023 0:28	9/7/2023 10:00	571	0
345647	9/7/2023 0:28	9/7/2023 10:00	571	0
48217	9/7/2023 0:28	9/7/2023 10:00	571	0
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51957	9/7/2023 0:28	9/7/2023 9:57	569	0
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1509486	9/7/2023 0:28	9/7/2023 10:00	571	0
1368745	9/7/2023 0:28	9/7/2023 9:14	526	0
324290	9/7/2023 0:28	9/7/2023 8:18	470	0
658177	9/7/2023 0:28	9/7/2023 10:00	571	0
8621797	9/7/2023 0:28	9/7/2023 9:24	536	0
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583848	9/7/2023 0:28	9/7/2023 10:00	571	0
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1985687	9/7/2023 0:28	9/7/2023 9:17	529	0
279780	9/7/2023 0:28	9/7/2023 10:00	571	0
1309098	9/7/2023 0:28	9/7/2023 10:00	571	0
8972545	9/7/2023 0:28	9/7/2023 10:00	571	0
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8950281	9/7/2023 0:28	9/7/2023 8:14	466	0
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8068454	9/7/2023 0:28	9/7/2023 10:00	571	0
7607485	9/7/2023 0:28	9/7/2023 10:00	571	0

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1466638	9/7/2023 0:28	9/7/2023 9:19	531	0
321310	9/7/2023 0:28	9/7/2023 10:00	571	0
323747	9/7/2023 0:28	9/7/2023 9:29	541	0
323657	9/7/2023 0:28	9/7/2023 9:32	544	0
1343091	9/7/2023 0:28	9/7/2023 10:00	571	0
772378	9/7/2023 0:28	9/7/2023 10:00	571	0
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1431752	9/7/2023 0:28	9/7/2023 10:00	571	0
55232	9/7/2023 0:28	9/7/2023 10:00	571	0
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1514004	9/7/2023 0:28	9/7/2023 10:00	571	0
457729	9/7/2023 0:28	9/7/2023 10:00	571	0
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1251782	9/7/2023 0:28	9/7/2023 10:00	571	0
160073	9/7/2023 0:28	9/7/2023 10:00	571	0
956559	9/7/2023 0:28	9/7/2023 10:00	571	0
6623421	9/7/2023 0:28	9/7/2023 10:00	571	0
1431804	9/7/2023 0:28	9/7/2023 10:00	571	0
8766703	9/7/2023 0:28	9/7/2023 9:54	566	0
9993140	9/7/2023 0:28	9/7/2023 10:00	571	0
1299402	9/7/2023 0:28	9/7/2023 10:00	571	0
1533009	9/7/2023 0:28	9/7/2023 10:00	571	0
1525793	9/7/2023 0:28	9/7/2023 10:00	571	0
1433697	9/7/2023 0:29	9/7/2023 1:12	43	0
308032	9/7/2023 0:31	9/7/2023 10:00	568	0
308859	9/7/2023 0:54	9/7/2023 10:00	545	0
1518241	9/7/2023 1:03	9/7/2023 8:09	426	0
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791510	9/7/2023 4:03	9/7/2023 4:39	36	0
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51483	9/7/2023 8:13	9/7/2023 10:00	106	0
8950281	9/7/2023 8:14	9/7/2023 10:00	105	0

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593366	9/7/2023 8:51	9/7/2023 10:00	68	0
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1368745	9/7/2023 9:14	9/7/2023 10:00	45	0
1356945	9/7/2023 9:16	9/7/2023 10:00	43	0
1985687	9/7/2023 9:17	9/7/2023 10:00	42	0
1466638	9/7/2023 9:19	9/7/2023 10:00	40	0
8717997	9/7/2023 9:19	9/7/2023 10:00	40	0
1362855	9/7/2023 9:19	9/7/2023 10:00	40	0
304345	9/7/2023 9:22	9/7/2023 10:00	37	0
306565	9/7/2023 9:24	9/7/2023 10:00	35	0
8621797	9/7/2023 9:24	9/7/2023 10:00	35	0
309233	9/7/2023 9:27	9/7/2023 10:00	32	0
309961	9/7/2023 9:28	9/7/2023 10:00	31	0
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561672	9/7/2023 9:57	9/7/2023 10:00	2	0
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8104722	9/7/2023 10:00	9/7/2023 11:47	107	0
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8972545	9/7/2023 10:00	9/8/2023 0:28	868	0
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6961293	9/7/2023 10:00	9/7/2023 15:49	349	0
1320008	9/7/2023 10:00	9/7/2023 17:36	456	0.13
353728	9/7/2023 10:00	9/8/2023 10:00	1439	0
872542	9/7/2023 10:00	9/8/2023 10:00	1439	0

564357	9/7/2023 10:00	9/8/2023 10:00	1439	0
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705447	9/7/2023 10:00	9/8/2023 10:00	1439	0
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46184	9/7/2023 10:00	9/8/2023 10:00	1439	0
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1309098	9/7/2023 10:00	9/7/2023 11:36	96	0
5873632	9/7/2023 10:00	9/7/2023 11:13	73	0
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1406535	9/7/2023 10:09	9/7/2023 11:38	89	0
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1362855	9/7/2023 10:18	9/7/2023 21:11	653	0.27
1190820	9/7/2023 10:18	9/7/2023 11:32	74	0
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1521914	9/7/2023 10:31	9/8/2023 0:28	837	0.09
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1520371	9/7/2023 10:32	9/8/2023 0:28	836	0
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8717997	9/7/2023 10:32	9/7/2023 19:17	525	0
1321750	9/7/2023 10:32	9/7/2023 20:40	608	0.59
1343091	9/7/2023 10:33	9/7/2023 11:31	58	0
507365	9/7/2023 10:34	9/7/2023 20:53	619	0
1493132	9/7/2023 10:39	9/7/2023 11:53	74	0
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455994	9/7/2023 10:44	9/7/2023 15:17	273	0.12
1514004	9/7/2023 10:44	9/7/2023 14:24	220	0.03
1466638	9/7/2023 10:48	9/7/2023 11:04	16	0
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8734029	9/7/2023 10:51	9/7/2023 14:21	210	0
1388092	9/7/2023 10:52	9/7/2023 11:33	41	0
6733217	9/7/2023 10:53	9/7/2023 11:40	47	0
7937779	9/7/2023 10:53	9/7/2023 11:56	63	0
1432509	9/7/2023 10:54	9/7/2023 14:24	210	0
7533405	9/7/2023 10:54	9/7/2023 11:41	47	0
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309265	9/7/2023 11:00	9/7/2023 14:15	195	0
309944	9/7/2023 11:00	9/7/2023 14:14	194	0
324045	9/7/2023 11:00	9/8/2023 0:28	808	0
308032	9/7/2023 11:01	9/7/2023 14:16	195	0.23

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1417138	9/7/2023 11:02	9/8/2023 0:28	806	0
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1320619	9/7/2023 11:05	9/7/2023 19:35	510	0
343205	9/7/2023 11:05	9/7/2023 11:50	45	0
8621797	9/7/2023 11:09	9/7/2023 11:41	32	0
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1580389	9/7/2023 11:12	9/7/2023 11:59	47	0
5873632	9/7/2023 11:13	9/8/2023 0:28	795	0.08
1553525	9/7/2023 11:16	9/7/2023 11:32	16	0
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1466638	9/7/2023 11:30	9/7/2023 11:46	16	0
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1343091	9/7/2023 11:31	9/7/2023 14:29	178	0
1552154	9/7/2023 11:31	9/7/2023 13:00	89	0
1190820	9/7/2023 11:32	9/7/2023 14:18	166	0
1387226	9/7/2023 11:32	9/7/2023 11:48	16	0
1553525	9/7/2023 11:32	9/7/2023 13:01	89	0
1546695	9/7/2023 11:32	9/7/2023 13:01	89	0
1388092	9/7/2023 11:33	9/7/2023 11:49	16	0
6623421	9/7/2023 11:34	9/7/2023 11:50	16	0
1586005	9/7/2023 11:35	9/7/2023 11:51	16	0
658177	9/7/2023 11:35	9/7/2023 11:51	16	0
1309098	9/7/2023 11:36	9/7/2023 11:47	11	0.01
663228	9/7/2023 11:36	9/7/2023 11:51	15	0
561541	9/7/2023 11:36	9/7/2023 11:51	15	0
378229	9/7/2023 11:37	9/7/2023 15:07	210	0.02
583848	9/7/2023 11:38	9/7/2023 11:53	15	0
1406535	9/7/2023 11:38	9/7/2023 11:53	15	0
1525793	9/7/2023 11:38	9/7/2023 12:09	31	0
8766703	9/7/2023 11:39	9/7/2023 11:55	16	0
1700586	9/7/2023 11:40	9/7/2023 11:51	11	0
306565	9/7/2023 11:40	9/7/2023 11:55	15	0
6733217	9/7/2023 11:40	9/7/2023 11:56	16	0

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307661	9/7/2023 11:41	9/7/2023 11:57	16	0
309961	9/7/2023 11:42	9/7/2023 11:58	16	0
1464949	9/7/2023 11:42	9/7/2023 13:59	137	0
1430553	9/7/2023 11:43	9/7/2023 11:58	15	0
309233	9/7/2023 11:44	9/7/2023 14:11	147	0
1437071	9/7/2023 11:45	9/7/2023 12:00	15	0
1466638	9/7/2023 11:46	9/7/2023 12:02	16	0
1309098	9/7/2023 11:47	9/7/2023 13:05	78	0.09
321310	9/7/2023 11:47	9/7/2023 14:19	152	0
8104722	9/7/2023 11:47	9/7/2023 14:19	152	0
8511623	9/7/2023 11:48	9/7/2023 14:04	136	0
1387226	9/7/2023 11:48	9/7/2023 12:52	64	0
1388092	9/7/2023 11:49	9/7/2023 12:52	63	0
6623421	9/7/2023 11:50	9/7/2023 12:00	10	0
317233	9/7/2023 11:50	9/7/2023 14:23	153	0.14
343205	9/7/2023 11:50	9/7/2023 14:04	134	0
1700586	9/7/2023 11:51	9/7/2023 12:07	16	0
663228	9/7/2023 11:51	9/7/2023 14:24	153	0
561541	9/7/2023 11:51	9/7/2023 13:05	74	0
1586005	9/7/2023 11:51	9/7/2023 14:34	163	0
658177	9/7/2023 11:51	9/7/2023 14:23	152	0.14
315345	9/7/2023 11:51	9/7/2023 14:18	147	0
315346	9/7/2023 11:52	9/7/2023 14:19	147	0
957615	9/7/2023 11:53	9/7/2023 12:24	31	0
1406535	9/7/2023 11:53	9/7/2023 13:54	121	0
1493132	9/7/2023 11:53	9/7/2023 13:54	121	0
583848	9/7/2023 11:53	9/7/2023 14:22	149	0
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8766703	9/7/2023 11:55	9/7/2023 12:11	16	0
5212517	9/7/2023 11:55	9/7/2023 12:25	30	0.02
6733217	9/7/2023 11:56	9/7/2023 12:27	31	0
7937779	9/7/2023 11:56	9/7/2023 13:56	120	0
954637	9/7/2023 11:56	9/7/2023 12:22	26	0
8621797	9/7/2023 11:56	9/7/2023 12:27	31	0
7533405	9/7/2023 11:57	9/7/2023 12:23	26	0.04
307661	9/7/2023 11:57	9/7/2023 12:29	32	0
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1430553	9/7/2023 11:58	9/7/2023 12:24	26	0
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1437071	9/7/2023 12:00	9/7/2023 12:16	16	0
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581832	9/7/2023 12:07	9/7/2023 12:22	15	0

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1580389	9/7/2023 12:10	9/7/2023 14:11	121	0
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8766703	9/7/2023 12:11	9/7/2023 14:23	132	0
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7533405	9/7/2023 12:23	9/7/2023 14:29	126	0
1430553	9/7/2023 12:24	9/7/2023 14:15	111	0.04
957615	9/7/2023 12:24	9/7/2023 15:23	179	0
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1388092	9/7/2023 12:52	9/7/2023 13:03	11	0
1387226	9/7/2023 12:52	9/7/2023 14:21	89	0
980398	9/7/2023 12:55	9/7/2023 14:14	79	0
48217	9/7/2023 12:56	9/7/2023 13:59	63	0.13
1552154	9/7/2023 13:00	9/7/2023 14:03	63	0
1546695	9/7/2023 13:01	9/7/2023 14:51	110	0
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791510	9/7/2023 13:02	9/7/2023 13:50	48	0
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1388092	9/7/2023 13:03	9/7/2023 13:19	16	0.14
6623421	9/7/2023 13:03	9/7/2023 13:19	16	0
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1555609	9/7/2023 13:04	9/7/2023 14:33	89	0
1466638	9/7/2023 13:04	9/7/2023 13:20	16	0
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1309098	9/7/2023 13:05	9/7/2023 13:22	17	0.09
560127	9/7/2023 13:06	9/7/2023 14:20	74	0
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1406535	9/7/2023 13:54	9/7/2023 14:10	16	0.01
7937779	9/7/2023 13:56	9/8/2023 0:28	632	0
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8621797	9/7/2023 14:45	9/8/2023 0:28	583	0
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309265	9/7/2023 14:46	9/7/2023 15:07	21	0
1552154	9/7/2023 14:46	9/8/2023 0:28	582	0
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313269	9/7/2023 15:05	9/7/2023 21:33	388	0
8524544	9/7/2023 15:06	9/8/2023 0:28	562	0
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455629	9/7/2023 15:13	9/7/2023 18:54	221	0
312766	9/7/2023 15:13	9/7/2023 15:34	21	0

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455994	9/7/2023 15:17	9/7/2023 15:33	16	0
456099	9/7/2023 15:18	9/7/2023 18:53	215	0
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1552836	9/7/2023 15:47	9/8/2023 0:28	521	0
561541	9/7/2023 15:47	9/8/2023 0:28	521	0
6961293	9/7/2023 15:49	9/8/2023 0:28	519	0
9075059	9/7/2023 15:49	9/7/2023 16:36	47	0
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315345	9/7/2023 16:03	9/8/2023 10:00	1076	0
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1343091	9/7/2023 18:41	9/8/2023 10:00	918	0
456099	9/7/2023 18:53	9/8/2023 9:29	876	0
455629	9/7/2023 18:54	9/8/2023 9:27	873	0
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8148103	9/8/2023 0:28	9/8/2023 10:00	571	0
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593366	9/8/2023 0:28	9/8/2023 10:00	571	0
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267367	9/8/2023 0:28	9/8/2023 10:00	571	0
323747	9/8/2023 0:28	9/8/2023 10:00	571	0
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6961293	9/8/2023 0:28	9/8/2023 10:00	571	0
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581832	9/8/2023 1:32	9/8/2023 5:52	260	0
315306	9/8/2023 1:34	9/8/2023 10:00	505	0
1432509	9/8/2023 1:44	9/8/2023 10:00	495	0
1433697	9/8/2023 2:16	9/8/2023 2:29	13	0
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1433697	9/8/2023 5:29	9/8/2023 6:16	47	0
581832	9/8/2023 5:52	9/8/2023 6:47	55	0
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324290	9/8/2023 8:22	9/8/2023 10:00	97	0
1433697	9/8/2023 8:29	9/8/2023 9:16	47	0
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581832	9/8/2023 9:07	9/8/2023 9:47	40	0
325050	9/8/2023 9:08	9/8/2023 9:38	30	0
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1518241	9/8/2023 9:30	9/8/2023 10:00	29	0
309961	9/8/2023 9:34	9/8/2023 9:50	16	0
1433697	9/8/2023 9:36	9/8/2023 10:00	23.2	0
1362855	9/8/2023 9:37	9/8/2023 10:00	22	0
325050	9/8/2023 9:38	9/8/2023 10:00	21	0
1362130	9/8/2023 9:39	9/8/2023 10:00	20	0
980398	9/8/2023 9:44	9/8/2023 10:00	15	0
581832	9/8/2023 9:47	9/8/2023 10:00	12	0
309233	9/8/2023 9:49	9/8/2023 10:00	10	0
309961	9/8/2023 9:50	9/8/2023 10:00	9	0
1466638	9/8/2023 9:52	9/8/2023 10:00	7	0
1552154	9/8/2023 9:53	9/8/2023 10:00	6	0
8206792	9/8/2023 9:54	9/8/2023 10:00	5	0
1390184	9/8/2023 9:54	9/8/2023 10:00	5	0
1299402	9/8/2023 9:55	9/8/2023 10:00	4	0
455994	9/8/2023 9:57	9/8/2023 10:00	2	0
264186	9/8/2023 10:00	9/9/2023 10:00	1439	0
637185	9/8/2023 10:00	9/9/2023 10:00	1439	0
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1358945	9/8/2023 10:00	9/8/2023 11:44	104	0
1308096	9/8/2023 10:00	9/9/2023 10:00	1439	0
445867	9/8/2023 10:00	9/9/2023 10:00	1439	0
705447	9/8/2023 10:00	9/9/2023 10:00	1439	0
581074	9/8/2023 10:00	9/9/2023 0:28	868	0
46184	9/8/2023 10:00	9/9/2023 10:00	1439	0
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772378	9/8/2023 10:00	9/9/2023 0:28	868	0
328570	9/8/2023 10:00	9/9/2023 0:28	868	0
1251782	9/8/2023 10:00	9/9/2023 0:28	868	0
511266	9/8/2023 10:00	9/8/2023 21:26	686	0
817260	9/8/2023 10:00	9/8/2023 20:35	635	0
872542	9/8/2023 10:00	9/9/2023 10:00	1439	0
988262	9/8/2023 10:00	9/9/2023 10:00	1439	0
564357	9/8/2023 10:00	9/9/2023 10:00	1439	0
1546695	9/8/2023 10:01	9/9/2023 0:28	867	0
8766703	9/8/2023 10:06	9/9/2023 0:28	862	0
1466638	9/8/2023 10:07	9/8/2023 11:36	89	0
325050	9/8/2023 10:08	9/9/2023 0:28	860	0
1417138	9/8/2023 10:08	9/8/2023 21:36	688	0
1390184	9/8/2023 10:09	9/8/2023 21:32	683	0.23

1432509	9/8/2023 10:09	9/9/2023 0:28	859	0
343205	9/8/2023 10:09	9/8/2023 20:25	616	0
8206792	9/8/2023 10:09	9/9/2023 0:28	859	0
8734029	9/8/2023 10:09	9/9/2023 0:28	859	0
1362130	9/8/2023 10:10	9/8/2023 15:57	347	0
1309098	9/8/2023 10:10	9/8/2023 11:40	90	0.01
6761269	9/8/2023 10:11	9/8/2023 21:18	667	0
1700586	9/8/2023 10:11	9/9/2023 0:28	857	0
1299402	9/8/2023 10:11	9/9/2023 0:28	857	0.2
1518241	9/8/2023 10:11	9/8/2023 14:29	258	0
1406535	9/8/2023 10:12	9/8/2023 14:15	243	0.08
346288	9/8/2023 10:13	9/9/2023 0:28	855	0
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583848	9/8/2023 10:14	9/8/2023 11:43	89	0
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790670	9/8/2023 10:22	9/9/2023 0:28	846	0
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1552154	9/8/2023 10:24	9/8/2023 14:26	242	0.18
6714863	9/8/2023 10:25	9/8/2023 20:40	615	0.1
1586005	9/8/2023 10:25	9/8/2023 11:38	73	0
1190820	9/8/2023 10:25	9/8/2023 11:40	75	0
1356945	9/8/2023 10:26	9/8/2023 21:23	657	0
1431804	9/8/2023 10:26	9/9/2023 0:28	842	0.1
587455	9/8/2023 10:28	9/8/2023 21:29	661	0
1514004	9/8/2023 10:29	9/8/2023 14:46	257	0.18
1433697	9/8/2023 10:29	9/8/2023 18:26	477	0
817825	9/8/2023 10:30	9/9/2023 0:28	838	0
801004	9/8/2023 10:36	9/8/2023 11:07	31	0
793690	9/8/2023 10:38	9/8/2023 20:42	604	0.17
954637	9/8/2023 10:38	9/8/2023 11:30	52	0
8511623	9/8/2023 10:38	9/9/2023 0:28	830	0
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7533405	9/8/2023 10:45	9/8/2023 11:01	16	0
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1704232	9/8/2023 10:47	9/8/2023 11:34	47	0
581832	9/8/2023 10:47	9/8/2023 11:27	40	0
1558597	9/8/2023 10:49	9/8/2023 11:36	47	0
49209	9/8/2023 10:49	9/8/2023 11:47	58	0
1556602	9/8/2023 10:49	9/8/2023 11:36	47	0
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1388092	9/8/2023 10:53	9/8/2023 14:28	215	0.24
1387226	9/8/2023 10:53	9/8/2023 14:23	210	0
2032900	9/8/2023 10:53	9/9/2023 0:28	815	0
324045	9/8/2023 10:55	9/8/2023 20:58	603	0
1321605	9/8/2023 10:55	9/9/2023 0:28	813	0.33
1301093	9/8/2023 10:59	9/9/2023 0:28	809	0.27
7533405	9/8/2023 11:01	9/8/2023 11:43	42	0
1320008	9/8/2023 11:01	9/9/2023 0:28	807	0.05
561757	9/8/2023 11:02	9/9/2023 10:00	1377	0
1093833	9/8/2023 11:02	9/8/2023 11:45	43	0
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51483	9/8/2023 11:04	9/9/2023 0:28	804	0.13
1547843	9/8/2023 11:06	9/8/2023 14:21	195	0.05
1320619	9/8/2023 11:07	9/8/2023 12:42	95	0
1516739	9/8/2023 11:07	9/8/2023 14:21	194	0
800600	9/8/2023 11:07	9/8/2023 11:38	31	0
801004	9/8/2023 11:07	9/9/2023 0:28	801	0
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309265	9/8/2023 11:22	9/8/2023 11:48	26	0
1553525	9/8/2023 11:25	9/8/2023 14:23	178	0
1430553	9/8/2023 11:26	9/8/2023 13:06	100	0.02
581832	9/8/2023 11:27	9/8/2023 11:32	5	0
1985687	9/8/2023 11:28	9/8/2023 11:54	26	0
954637	9/8/2023 11:30	9/8/2023 14:45	195	0
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8972545	9/8/2023 11:33	9/9/2023 0:28	775	0
1559600	9/8/2023 11:33	9/9/2023 0:28	775	0

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800600	9/8/2023 11:38	9/8/2023 15:03	205	0
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1190820	9/8/2023 11:40	9/8/2023 11:55	15	0
1309098	9/8/2023 11:40	9/8/2023 12:27	47	0.24
583848	9/8/2023 11:43	9/8/2023 13:02	79	0
7533405	9/8/2023 11:43	9/8/2023 11:59	16	0
1358945	9/8/2023 11:44	9/8/2023 12:00	16	0
1093833	9/8/2023 11:45	9/8/2023 12:48	63	0
309961	9/8/2023 11:46	9/8/2023 12:01	15	0
309944	9/8/2023 11:47	9/8/2023 12:03	16	0
49209	9/8/2023 11:47	9/8/2023 16:20	273	0
309265	9/8/2023 11:48	9/8/2023 12:04	16	0
564518	9/8/2023 11:48	9/8/2023 12:48	60	0
1704232	9/8/2023 11:50	9/8/2023 12:01	11	0
308032	9/8/2023 11:51	9/8/2023 12:06	15	0
1466638	9/8/2023 11:52	9/8/2023 12:08	16	0
1985687	9/8/2023 11:54	9/8/2023 12:10	16	0
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7533405	9/8/2023 11:59	9/8/2023 12:14	15	0
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1704232	9/8/2023 12:01	9/8/2023 12:48	47	0.03
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309265	9/8/2023 12:04	9/9/2023 10:00	1315	0
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1985687	9/8/2023 12:10	9/8/2023 15:26	196	0
1586005	9/8/2023 12:10	9/8/2023 12:52	42	0
7533405	9/8/2023 12:14	9/8/2023 14:15	121	0
1309098	9/8/2023 12:27	9/8/2023 12:53	26	0.03
1466638	9/8/2023 12:39	9/8/2023 13:42	63	0
1320619	9/8/2023 12:42	9/8/2023 14:37	115	0

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1358945	9/8/2023 12:58	9/8/2023 14:11	73	0
583848	9/8/2023 13:02	9/8/2023 14:47	105	0
309233	9/8/2023 13:03	9/8/2023 13:19	16	0
1430553	9/8/2023 13:06	9/8/2023 13:21	15	0.06
1190820	9/8/2023 13:09	9/8/2023 15:10	121	0
309233	9/8/2023 13:19	9/8/2023 13:51	32	0
1430553	9/8/2023 13:21	9/8/2023 13:48	27	0.01
7607485	9/8/2023 13:28	9/8/2023 14:27	59	0
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1430553	9/8/2023 13:48	9/8/2023 14:19	31	0.02
619266	9/8/2023 13:49	9/9/2023 10:00	1210	0
309233	9/8/2023 13:51	9/8/2023 14:28	37	0
309961	9/8/2023 13:51	9/8/2023 14:18	27	0
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318815	9/8/2023 14:04	9/9/2023 10:00	1195	0
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9075059	9/8/2023 14:09	9/8/2023 14:25	16	0
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1358945	9/8/2023 14:11	9/8/2023 14:27	16	0
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1309098	9/8/2023 14:12	9/8/2023 14:38	26	0
8104722	9/8/2023 14:14	9/8/2023 14:29	15	0
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7533405	9/8/2023 14:15	9/8/2023 14:47	32	0
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1430553	9/8/2023 14:19	9/8/2023 15:53	94	0.02
1464949	9/8/2023 14:19	9/8/2023 14:35	16	0
1547843	9/8/2023 14:21	9/8/2023 14:36	15	0
1516739	9/8/2023 14:21	9/8/2023 14:36	15	0
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316997	9/8/2023 14:25	9/8/2023 14:57	32	0.01
353651	9/8/2023 14:26	9/8/2023 21:26	420	0

8148103	9/8/2023 14:26	9/8/2023 14:56	30	0.01
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7607485	9/8/2023 14:27	9/8/2023 14:47	20	0
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1388092	9/8/2023 14:28	9/9/2023 0:28	600	0
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1518241	9/8/2023 14:29	9/8/2023 14:44	15	0
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1403562	9/8/2023 14:30	9/8/2023 15:01	31	0
1093833	9/8/2023 14:32	9/8/2023 14:48	16	0
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1493132	9/8/2023 14:47	9/8/2023 21:31	404	0
7533405	9/8/2023 14:47	9/8/2023 15:18	31	0
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564518	9/8/2023 14:49	9/9/2023 0:28	579	0
309233	9/8/2023 14:49	9/8/2023 21:28	399	0

957615	9/8/2023 14:50	9/9/2023 0:28	578	0
8621797	9/8/2023 14:50	9/9/2023 0:28	578	0
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8148103	9/8/2023 14:56	9/9/2023 0:28	572	0
316997	9/8/2023 14:57	9/8/2023 21:30	393	0
455994	9/8/2023 14:57	9/8/2023 16:42	105	0
9075059	9/8/2023 14:57	9/9/2023 0:28	571	0
315306	9/8/2023 14:57	9/8/2023 21:31	394	0.05
1393633	9/8/2023 14:59	9/8/2023 21:28	389	0
1503507	9/8/2023 15:01	9/9/2023 0:28	567	0
1403562	9/8/2023 15:01	9/9/2023 0:28	567	0
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800600	9/8/2023 15:03	9/9/2023 0:28	565	0
1553245	9/8/2023 15:05	9/8/2023 18:19	194	0
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1573666	9/8/2023 15:15	9/9/2023 0:28	553	0
7533405	9/8/2023 15:18	9/8/2023 15:50	32	0
51957	9/8/2023 15:18	9/9/2023 0:28	550	0
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1985687	9/8/2023 15:26	9/9/2023 10:00	1113	0
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1704232	9/8/2023 15:36	9/9/2023 0:28	532	0
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6503956	9/8/2023 15:54	9/8/2023 16:10	16	0
1362130	9/8/2023 15:57	9/9/2023 0:28	511	0
1681747	9/8/2023 16:07	9/8/2023 21:32	325	0
6992958	9/8/2023 16:09	9/8/2023 21:29	320	0
808829	9/8/2023 16:10	9/9/2023 0:28	498	0
9993140	9/8/2023 16:10	9/9/2023 0:28	498	0
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1466638	9/8/2023 16:15	9/9/2023 0:28	493	0
304345	9/8/2023 16:17	9/8/2023 21:31	314	0
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455994	9/8/2023 16:42	9/9/2023 0:28	466	0
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1433697	9/8/2023 19:12	9/8/2023 20:12	60	0
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817260	9/8/2023 20:35	9/9/2023 10:00	804	0
581832	9/8/2023 20:37	9/8/2023 22:02	85	0
6714863	9/8/2023 20:40	9/9/2023 10:00	799	0
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1093833	9/8/2023 21:16	9/9/2023 10:00	763	0
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572882	9/8/2023 21:19	9/9/2023 10:00	760	0
1434359	9/8/2023 21:20	9/9/2023 10:00	759	0
506261	9/8/2023 21:21	9/9/2023 10:00	758	0

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1552248	9/8/2023 21:22	9/9/2023 10:00	757	0
1309098	9/8/2023 21:22	9/9/2023 9:54	752	0
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1362855	9/8/2023 21:26	9/9/2023 9:35	729	0
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1393633	9/8/2023 21:28	9/9/2023 10:00	751	0
309233	9/8/2023 21:28	9/9/2023 10:00	751	0
6961293	9/8/2023 21:28	9/9/2023 10:00	751	0
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6992958	9/8/2023 21:29	9/9/2023 10:00	750	0
1368745	9/8/2023 21:29	9/9/2023 9:18	709	0
587455	9/8/2023 21:29	9/9/2023 10:00	750	0
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581832	9/8/2023 23:15	9/9/2023 5:24	369	0
51483	9/9/2023 0:28	9/9/2023 9:17	529	0
1251782	9/9/2023 0:28	9/9/2023 10:00	571	0
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1403562	9/9/2023 0:28	9/9/2023 10:00	571	0
346288	9/9/2023 0:28	9/9/2023 10:00	571	0
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8511623	9/9/2023 0:28	9/9/2023 10:00	571	0
1704232	9/9/2023 0:28	9/9/2023 9:32	544	0

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658177	9/9/2023 0:28	9/9/2023 10:00	571	0
1101945	9/9/2023 0:28	9/9/2023 9:08	520	0
1555609	9/9/2023 0:28	9/9/2023 10:00	571	0
8621797	9/9/2023 0:28	9/9/2023 10:00	571	0
1586005	9/9/2023 0:28	9/9/2023 10:00	571	0
1406535	9/9/2023 0:28	9/9/2023 10:00	571	0
583848	9/9/2023 0:28	9/9/2023 10:00	571	0
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1552154	9/9/2023 0:28	9/9/2023 9:51	563	0
1466638	9/9/2023 0:28	9/9/2023 10:00	571	0
1518241	9/9/2023 0:28	9/9/2023 9:26	538	0
9075059	9/9/2023 0:28	9/9/2023 9:11	523	0
307661	9/9/2023 0:28	9/9/2023 10:00	571	0
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507365	9/9/2023 0:28	9/9/2023 10:00	571	0
790670	9/9/2023 0:28	9/9/2023 10:00	571	0
8972545	9/9/2023 0:28	9/9/2023 10:00	571	0
1076617	9/9/2023 0:28	9/9/2023 9:50	562	0
1511251	9/9/2023 0:28	9/9/2023 10:00	571	0
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1700586	9/9/2023 0:28	9/9/2023 10:00	571	0
455994	9/9/2023 0:28	9/9/2023 9:50	562	0
1363236	9/9/2023 0:28	9/9/2023 10:00	571	0
8734029	9/9/2023 0:28	9/9/2023 10:00	571	0
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345647	9/9/2023 0:28	9/9/2023 10:00	571	0
1550546	9/9/2023 0:28	9/9/2023 10:00	571	0
564518	9/9/2023 0:28	9/9/2023 10:00	571	0
324290	9/9/2023 0:28	9/9/2023 8:20	472	0
8766703	9/9/2023 0:28	9/9/2023 9:57	569	0
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1321605	9/9/2023 0:28	9/9/2023 9:56	568	0
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1432509	9/9/2023 0:28	9/9/2023 10:00	571	0
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324290	9/9/2023 8:20	9/9/2023 10:00	99	0
1320008	9/9/2023 8:22	9/9/2023 10:00	97	0
8604423	9/9/2023 8:26	9/9/2023 8:36	10	0
309961	9/9/2023 8:30	9/9/2023 8:45	15	0
415131	9/9/2023 8:30	9/9/2023 10:00	89	0
1554677	9/9/2023 8:35	9/9/2023 10:00	84	0
8604423	9/9/2023 8:36	9/9/2023 10:00	83	0
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309961	9/9/2023 8:45	9/9/2023 9:17	32	0
1356945	9/9/2023 8:56	9/9/2023 10:00	63	0
1101945	9/9/2023 9:08	9/9/2023 10:00	51	0
9075059	9/9/2023 9:11	9/9/2023 10:00	48	0
8950281	9/9/2023 9:16	9/9/2023 10:00	43	0
51483	9/9/2023 9:17	9/9/2023 10:00	42	0
309961	9/9/2023 9:17	9/9/2023 9:33	16	0
51957	9/9/2023 9:18	9/9/2023 10:00	41	0
1368745	9/9/2023 9:18	9/9/2023 10:00	41	0
1518241	9/9/2023 9:26	9/9/2023 10:00	33	0
980398	9/9/2023 9:32	9/9/2023 10:00	27	0
1704232	9/9/2023 9:32	9/9/2023 10:00	27	0
309961	9/9/2023 9:33	9/9/2023 10:00	26	0
1362855	9/9/2023 9:35	9/9/2023 10:00	24	0
1417138	9/9/2023 9:35	9/9/2023 10:00	24	0
1362130	9/9/2023 9:37	9/9/2023 10:00	22	0
643072	9/9/2023 9:38	9/9/2023 10:00	21	0
1358945	9/9/2023 9:44	9/9/2023 10:00	15	0
1430553	9/9/2023 9:45	9/9/2023 10:00	14	0
1390184	9/9/2023 9:47	9/9/2023 10:00	12	0
1076617	9/9/2023 9:50	9/9/2023 10:00	9	0
455994	9/9/2023 9:50	9/9/2023 10:00	9	0
1552154	9/9/2023 9:51	9/9/2023 10:00	8	0
1309098	9/9/2023 9:54	9/9/2023 10:00	5	0
1321605	9/9/2023 9:56	9/9/2023 10:00	3	0
8766703	9/9/2023 9:57	9/9/2023 10:00	2	0
324290	9/9/2023 10:00	9/9/2023 11:40	100	0
264186	9/9/2023 10:00	9/10/2023 10:00	1439	0
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872542	9/9/2023 10:00	9/9/2023 17:14	434	0
637185	9/9/2023 10:00	9/10/2023 10:00	1439	0
308032	9/9/2023 10:00	9/9/2023 11:49	109	0.31
988262	9/9/2023 10:00	9/10/2023 10:00	1439	0
455994	9/9/2023 10:00	9/9/2023 11:50	110	0
46184	9/9/2023 10:00	9/10/2023 10:00	1439	0
705447	9/9/2023 10:00	9/10/2023 10:00	1439	0

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564357	9/9/2023 10:00	9/10/2023 10:00	1439	0
5212517	9/9/2023 10:00	9/9/2023 15:45	345	0
1308096	9/9/2023 10:00	9/10/2023 10:00	1439	0
1390184	9/9/2023 10:00	9/9/2023 20:54	654	0
309944	9/9/2023 10:06	9/9/2023 11:52	106	0
1417138	9/9/2023 10:06	9/9/2023 20:49	643	0
321310	9/9/2023 10:06	9/10/2023 0:28	862	0
1362855	9/9/2023 10:07	9/9/2023 11:53	106	0
309265	9/9/2023 10:07	9/9/2023 11:52	105	0.28
325050	9/9/2023 10:08	9/9/2023 11:38	90	0
1362130	9/9/2023 10:08	9/9/2023 11:53	105	0
496500	9/9/2023 10:08	9/9/2023 21:11	663	0
1586005	9/9/2023 10:09	9/9/2023 11:40	91	0
1356945	9/9/2023 10:09	9/9/2023 11:54	105	0
1309098	9/9/2023 10:09	9/9/2023 11:38	89	0
6961293	9/9/2023 10:10	9/10/2023 0:28	858	0.07
643072	9/9/2023 10:10	9/9/2023 11:55	105	0
7533405	9/9/2023 10:12	9/9/2023 11:47	95	0
8766703	9/9/2023 10:12	9/10/2023 0:28	856	0
1493132	9/9/2023 10:12	9/9/2023 20:47	635	0
1518241	9/9/2023 10:13	9/9/2023 12:00	107	0
583848	9/9/2023 10:14	9/9/2023 11:43	89	0
980398	9/9/2023 10:14	9/10/2023 0:28	854	0
1700586	9/9/2023 10:15	9/9/2023 11:44	89	0
1430553	9/9/2023 10:16	9/9/2023 14:17	241	0.42
1368745	9/9/2023 10:18	9/10/2023 0:28	850	0
1435127	9/9/2023 10:21	9/9/2023 11:34	73	0
1434359	9/9/2023 10:21	9/9/2023 11:34	73	0
1321605	9/9/2023 10:22	9/9/2023 11:57	95	0.12
1320008	9/9/2023 10:23	9/9/2023 11:53	90	0.09
1704326	9/9/2023 10:24	9/9/2023 11:53	89	0
1190820	9/9/2023 10:25	9/9/2023 11:40	75	0
1518000	9/9/2023 10:25	9/9/2023 11:07	42	0
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957615	9/9/2023 10:26	9/9/2023 14:12	226	0
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997397	9/9/2023 10:28	9/9/2023 11:25	57	0
954637	9/9/2023 10:28	9/9/2023 14:15	227	0.02
1406535	9/9/2023 10:28	9/9/2023 11:41	73	0.01
1552154	9/9/2023 10:28	9/9/2023 11:52	84	0
1433697	9/9/2023 10:29	9/9/2023 11:19	50	0
8621797	9/9/2023 10:31	9/9/2023 11:45	74	0
1358945	9/9/2023 10:31	9/9/2023 11:03	32	0
1076617	9/9/2023 10:32	9/10/2023 0:28	836	0
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800600	9/9/2023 10:39	9/9/2023 11:42	63	0
1466638	9/9/2023 10:39	9/9/2023 11:37	58	0
801004	9/9/2023 10:41	9/9/2023 11:38	57	0
510307	9/9/2023 10:50	9/9/2023 11:06	16	0
507365	9/9/2023 10:51	9/9/2023 11:07	16	0
1320646	9/9/2023 10:53	9/9/2023 11:56	63	0
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1358945	9/9/2023 11:03	9/9/2023 11:45	42	0
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8511623	9/9/2023 11:13	9/9/2023 14:11	178	0
1514004	9/9/2023 11:15	9/9/2023 11:46	31	0
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309961	9/9/2023 11:18	9/9/2023 11:33	15	0
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997397	9/9/2023 11:25	9/9/2023 14:17	172	0
658177	9/9/2023 11:27	9/9/2023 11:38	11	0
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1556602	9/9/2023 11:34	9/9/2023 11:50	16	0
1434359	9/9/2023 11:34	9/9/2023 12:48	74	0

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1511264	9/9/2023 11:37	9/9/2023 12:24	47	0.33
324045	9/9/2023 11:37	9/10/2023 0:28	771	0
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323747	9/9/2023 11:37	9/9/2023 16:36	299	0
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658177	9/9/2023 11:38	9/9/2023 11:53	15	0
325050	9/9/2023 11:38	9/9/2023 14:38	180	0
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1190820	9/9/2023 11:40	9/9/2023 11:55	15	0
324290	9/9/2023 11:40	9/9/2023 14:38	178	0
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1406535	9/9/2023 11:41	9/9/2023 14:29	168	0.36
800600	9/9/2023 11:42	9/10/2023 0:28	766	0.04
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583848	9/9/2023 11:43	9/9/2023 11:59	16	0
1463520	9/9/2023 11:43	9/9/2023 12:41	58	0
1700586	9/9/2023 11:44	9/9/2023 12:00	16	0
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572882	9/9/2023 11:52	9/9/2023 12:07	15	0
309265	9/9/2023 11:52	9/9/2023 12:07	15	0
1320008	9/9/2023 11:53	9/9/2023 12:08	15	0
658177	9/9/2023 11:53	9/9/2023 13:54	121	0
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587455	9/9/2023 11:59	9/9/2023 12:14	15	0
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1301093	9/9/2023 11:59	9/9/2023 12:14	15	0
8621797	9/9/2023 12:00	9/9/2023 12:32	32	0
1700586	9/9/2023 12:00	9/9/2023 12:16	16	0
1518241	9/9/2023 12:00	9/9/2023 12:15	15	0
49209	9/9/2023 12:01	9/9/2023 12:33	32	0
1556919	9/9/2023 12:02	9/9/2023 14:18	136	0
7533405	9/9/2023 12:02	9/9/2023 12:24	22	0
309961	9/9/2023 12:05	9/9/2023 13:50	105	0
308032	9/9/2023 12:05	9/10/2023 0:28	743	0.02
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1586005	9/9/2023 12:06	9/9/2023 14:23	137	0
8068454	9/9/2023 12:07	9/9/2023 12:23	16	0
572882	9/9/2023 12:07	9/10/2023 10:00	1312	0
1320646	9/9/2023 12:07	9/9/2023 15:26	199	0
572916	9/9/2023 12:07	9/10/2023 10:00	1312	0
309944	9/9/2023 12:07	9/10/2023 0:28	741	0
309265	9/9/2023 12:07	9/10/2023 0:28	741	0
1320008	9/9/2023 12:08	9/9/2023 13:53	105	0
1320619	9/9/2023 12:08	9/9/2023 13:48	100	0
1466638	9/9/2023 12:08	9/9/2023 13:53	105	0
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1321605	9/9/2023 12:12	9/9/2023 13:10	58	0
1301093	9/9/2023 12:14	9/10/2023 10:00	1305	0
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1518241	9/9/2023 12:15	9/9/2023 13:45	90	0.01
1700586	9/9/2023 12:16	9/10/2023 10:00	1303	0
1433697	9/9/2023 12:17	9/9/2023 12:29	12	0
8068454	9/9/2023 12:23	9/9/2023 13:05	42	0

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1511251	9/9/2023 12:26	9/10/2023 0:28	722	0
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9075059	9/9/2023 12:38	9/9/2023 14:24	106	0
1465391	9/9/2023 12:39	9/9/2023 13:10	31	0
1463520	9/9/2023 12:41	9/9/2023 15:24	163	0
1101945	9/9/2023 12:42	9/9/2023 14:27	105	0.01
583848	9/9/2023 12:46	9/9/2023 14:16	90	0
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1465391	9/9/2023 13:10	9/9/2023 13:26	16	0.01
1433697	9/9/2023 13:17	9/9/2023 13:29	12	0
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455994	9/9/2023 13:35	9/9/2023 14:17	42	0
1321605	9/9/2023 13:41	9/9/2023 14:24	43	0
1518507	9/9/2023 13:42	9/9/2023 14:30	48	0.03
1518241	9/9/2023 13:45	9/9/2023 14:16	31	0
1320619	9/9/2023 13:48	9/10/2023 10:00	1211	0
309961	9/9/2023 13:50	9/9/2023 14:16	26	0
1320008	9/9/2023 13:53	9/9/2023 14:25	32	0
1466638	9/9/2023 13:53	9/9/2023 14:09	16	0
564518	9/9/2023 13:53	9/9/2023 14:23	30	0
658177	9/9/2023 13:54	9/9/2023 14:41	47	0
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1190820	9/9/2023 13:55	9/9/2023 20:54	419	0
587455	9/9/2023 13:59	9/9/2023 14:14	15	0
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1358945	9/9/2023 14:01	9/9/2023 14:18	17	0
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455629	9/9/2023 14:04	9/9/2023 16:20	136	0
854579	9/9/2023 14:07	9/9/2023 14:24	17	0
995564	9/9/2023 14:08	9/10/2023 0:28	620	0
1466638	9/9/2023 14:09	9/9/2023 14:25	16	0

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587455	9/9/2023 14:14	9/9/2023 14:34	20	0
954637	9/9/2023 14:15	9/9/2023 14:30	15	0
1518241	9/9/2023 14:16	9/9/2023 14:32	16	0
309961	9/9/2023 14:16	9/9/2023 14:32	16	0
583848	9/9/2023 14:16	9/9/2023 16:01	105	0
1430553	9/9/2023 14:17	9/9/2023 16:03	106	0.12
455994	9/9/2023 14:17	9/9/2023 14:33	16	0.13
997397	9/9/2023 14:17	9/9/2023 21:02	405	0
1556919	9/9/2023 14:18	9/9/2023 14:50	32	0
49209	9/9/2023 14:18	9/9/2023 15:21	63	0
1358945	9/9/2023 14:18	9/9/2023 14:33	15	0
8206792	9/9/2023 14:19	9/9/2023 14:34	15	0
1586005	9/9/2023 14:23	9/9/2023 14:39	16	0
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1321750	9/9/2023 14:24	9/9/2023 14:40	16	0
1465391	9/9/2023 14:24	9/9/2023 14:39	15	0
1552154	9/9/2023 14:24	9/9/2023 14:40	16	0
9075059	9/9/2023 14:24	9/9/2023 15:10	46	0
808829	9/9/2023 14:24	9/9/2023 15:11	47	0
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854579	9/9/2023 14:24	9/9/2023 14:34	10	0
1320008	9/9/2023 14:25	9/9/2023 14:56	31	0
1466638	9/9/2023 14:25	9/9/2023 14:41	16	0
1309098	9/9/2023 14:26	9/9/2023 14:42	16	0.06
2032900	9/9/2023 14:27	9/9/2023 14:37	10	0
1101945	9/9/2023 14:27	9/9/2023 15:08	41	0.11
957615	9/9/2023 14:27	9/9/2023 14:59	32	0
1093833	9/9/2023 14:27	9/9/2023 14:42	15	0
569420	9/9/2023 14:28	9/9/2023 14:44	16	0
8564413	9/9/2023 14:29	9/9/2023 14:45	16	0
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571420	9/9/2023 14:29	9/9/2023 14:40	11	0
1406535	9/9/2023 14:29	9/9/2023 15:59	90	0.08
1518507	9/9/2023 14:30	9/9/2023 14:46	16	0
954637	9/9/2023 14:30	9/9/2023 15:16	46	0
817825	9/9/2023 14:31	9/9/2023 15:34	63	0
1251782	9/9/2023 14:31	9/9/2023 15:31	60	0
817260	9/9/2023 14:32	9/9/2023 15:30	58	0

309961	9/9/2023 14:32	9/9/2023 14:48	16	0
1518241	9/9/2023 14:32	9/9/2023 14:42	10	0
445867	9/9/2023 14:32	9/9/2023 14:47	15	0
455994	9/9/2023 14:33	9/9/2023 16:18	105	0.18
1358945	9/9/2023 14:33	9/9/2023 14:48	15	0
1503507	9/9/2023 14:33	9/9/2023 15:52	79	0
1403562	9/9/2023 14:33	9/9/2023 15:52	79	0
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587455	9/9/2023 14:34	9/9/2023 14:44	10	0
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1553245	9/9/2023 14:37	9/9/2023 20:34	357	0
1681747	9/9/2023 14:37	9/9/2023 21:04	387	0
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324290	9/9/2023 14:38	9/10/2023 0:28	590	0
6992958	9/9/2023 14:38	9/10/2023 0:28	590	0.04
325050	9/9/2023 14:38	9/9/2023 16:24	106	0
790670	9/9/2023 14:38	9/10/2023 0:28	590	0
793690	9/9/2023 14:38	9/10/2023 0:28	590	0
1586005	9/9/2023 14:39	9/10/2023 0:28	589	0
663228	9/9/2023 14:39	9/10/2023 0:28	589	0
1465391	9/9/2023 14:39	9/10/2023 0:28	589	0
6503956	9/9/2023 14:39	9/10/2023 0:28	589	0
9993140	9/9/2023 14:39	9/10/2023 0:28	589	0
121748	9/9/2023 14:40	9/10/2023 0:28	588	0
1552154	9/9/2023 14:40	9/10/2023 0:28	588	0
343205	9/9/2023 14:40	9/10/2023 10:00	1159	0
571420	9/9/2023 14:40	9/10/2023 0:28	588	0
1321750	9/9/2023 14:40	9/9/2023 20:37	357	0
1466638	9/9/2023 14:41	9/10/2023 0:28	587	0
658177	9/9/2023 14:41	9/10/2023 0:28	587	0
1518241	9/9/2023 14:42	9/10/2023 0:28	586	0
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1309098	9/9/2023 14:42	9/9/2023 20:13	331	0
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8511623	9/9/2023 14:43	9/10/2023 10:00	1156	0
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8564413	9/9/2023 14:45	9/10/2023 0:28	583	0
1518507	9/9/2023 14:46	9/9/2023 20:48	362	0.04
445867	9/9/2023 14:47	9/10/2023 0:28	581	0
1358945	9/9/2023 14:48	9/9/2023 20:32	344	0
309961	9/9/2023 14:48	9/9/2023 17:20	152	0
1332906	9/9/2023 14:48	9/9/2023 20:24	336	0
1556602	9/9/2023 14:49	9/10/2023 0:28	579	0
1556919	9/9/2023 14:50	9/10/2023 0:28	578	0

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773113	9/9/2023 15:21	9/10/2023 0:28	547	0
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596091	9/9/2023 18:14	9/10/2023 0:28	374	0
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956579	9/9/2023 20:42	9/10/2023 10:00	797	0
304265	9/9/2023 20:47	9/10/2023 10:00	792	0
1493132	9/9/2023 20:47	9/10/2023 8:45	718	0
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1681747	9/9/2023 21:04	9/10/2023 10:00	775	0
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980398	9/10/2023 0:28	9/10/2023 9:31	543	0
8621797	9/10/2023 0:28	9/10/2023 10:00	571	0
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277301	9/10/2023 0:28	9/10/2023 10:00	571	0
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324045	9/10/2023 0:28	9/10/2023 10:00	571	0
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6961293	9/10/2023 0:28	9/10/2023 10:00	571	0
8766703	9/10/2023 0:28	9/10/2023 9:56	568	0
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773113	9/10/2023 0:28	9/10/2023 10:00	571	0
48217	9/10/2023 0:28	9/10/2023 10:00	571	0
279780	9/10/2023 0:28	9/10/2023 10:00	571	0
1463520	9/10/2023 0:28	9/10/2023 10:00	571	0
1514004	9/10/2023 0:28	9/10/2023 10:00	571	0
1602508	9/10/2023 0:28	9/10/2023 10:00	571	0
323657	9/10/2023 0:28	9/10/2023 10:00	571	0
1518241	9/10/2023 0:28	9/10/2023 10:00	571	0
1430553	9/10/2023 0:28	9/10/2023 9:32	544	0
1101945	9/10/2023 0:28	9/10/2023 9:12	524	0
309265	9/10/2023 0:28	9/10/2023 10:00	571	0
956559	9/10/2023 0:28	9/10/2023 10:00	571	0
51483	9/10/2023 0:28	9/10/2023 10:00	571	0
307661	9/10/2023 0:28	9/10/2023 10:00	571	0
1511264	9/10/2023 0:28	9/10/2023 10:00	571	0
8950281	9/10/2023 0:28	9/10/2023 10:00	571	0
808829	9/10/2023 0:28	9/10/2023 10:00	571	0
1368745	9/10/2023 0:28	9/10/2023 9:18	530	0
507365	9/10/2023 0:28	9/10/2023 10:00	571	0

1431804	9/10/2023 0:28	9/10/2023 10:00	571	0
1704232	9/10/2023 0:28	9/10/2023 10:00	571	0
121748	9/10/2023 0:28	9/10/2023 10:00	571	0
457729	9/10/2023 0:28	9/10/2023 10:00	571	0
581074	9/10/2023 1:01	9/10/2023 10:00	538	0
8604423	9/10/2023 1:06	9/10/2023 6:02	296	0
581832	9/10/2023 1:21	9/10/2023 9:38	497	0
1320008	9/10/2023 1:28	9/10/2023 9:36	488	0
2032900	9/10/2023 1:28	9/10/2023 10:00	511	0
1321605	9/10/2023 1:30	9/10/2023 9:38	488	0
1362855	9/10/2023 5:10	9/10/2023 9:38	268	0
8604423	9/10/2023 6:02	9/10/2023 7:31	89	0
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8604423	9/10/2023 8:03	9/10/2023 8:19	16	0
8604423	9/10/2023 8:19	9/10/2023 8:45	26	0
324290	9/10/2023 8:24	9/10/2023 10:00	95	0
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1493132	9/10/2023 8:45	9/10/2023 10:00	74	0
8604423	9/10/2023 8:45	9/10/2023 10:00	74	0
1704326	9/10/2023 9:07	9/10/2023 10:00	52	0
1356945	9/10/2023 9:10	9/10/2023 10:00	49	0
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9075059	9/10/2023 9:14	9/10/2023 10:00	45	0
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980398	9/10/2023 9:31	9/10/2023 10:00	28	0
1430553	9/10/2023 9:32	9/10/2023 10:00	27	0
1417138	9/10/2023 9:35	9/10/2023 10:00	24	0
1320008	9/10/2023 9:36	9/10/2023 9:53	17	0
1321605	9/10/2023 9:38	9/10/2023 10:00	21	0
581832	9/10/2023 9:38	9/10/2023 10:00	21	0
1362855	9/10/2023 9:38	9/10/2023 10:00	21	0
1525793	9/10/2023 9:45	9/10/2023 10:00	14	0
455994	9/10/2023 9:48	9/10/2023 10:00	11	0
1390184	9/10/2023 9:51	9/10/2023 10:00	8	0
1320008	9/10/2023 9:53	9/10/2023 10:00	6	0
8766703	9/10/2023 9:56	9/10/2023 10:00	3	0
637185	9/10/2023 10:00	9/11/2023 10:00	1439	0
264186	9/10/2023 10:00	9/11/2023 10:00	1439	0
1308096	9/10/2023 10:00	9/11/2023 10:00	1439	0
581832	9/10/2023 10:00	9/10/2023 14:47	287	0
1368745	9/10/2023 10:00	9/10/2023 14:18	258	0
309944	9/10/2023 10:00	9/10/2023 21:07	667	0
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1704232	9/10/2023 10:00	9/10/2023 14:19	259	0

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1390184	9/10/2023 10:17	9/10/2023 21:15	658	0.18
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1301093	9/10/2023 10:56	9/10/2023 13:44	168	0.25
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1431804	9/10/2023 11:05	9/10/2023 14:35	210	0
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449036	9/10/2023 11:31	9/10/2023 11:47	16	0
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817260	9/10/2023 11:32	9/10/2023 14:46	194	0
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1251782	9/10/2023 11:35	9/10/2023 14:49	194	0
801004	9/10/2023 11:37	9/10/2023 14:56	199	0
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1586005	9/10/2023 11:39	9/10/2023 13:55	136	0
564518	9/10/2023 11:39	9/10/2023 11:53	14	0
800600	9/10/2023 11:40	9/10/2023 14:54	194	0
658177	9/10/2023 11:41	9/10/2023 11:57	16	0
583848	9/10/2023 11:42	9/10/2023 11:58	16	0
1093833	9/10/2023 11:42	9/10/2023 11:58	16	0
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1388092	9/10/2023 11:56	9/10/2023 14:26	150	0
658177	9/10/2023 11:57	9/10/2023 12:13	16	0
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808829	9/10/2023 12:11	9/10/2023 13:56	105	0
658177	9/10/2023 12:13	9/10/2023 14:40	147	0
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1309098	9/10/2023 12:37	9/10/2023 13:24	47	0.09
330528	9/10/2023 12:37	9/10/2023 19:41	424	0
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49209	9/10/2023 13:04	9/10/2023 13:20	16	0
7533405	9/10/2023 13:04	9/10/2023 14:18	74	0
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9075059	9/10/2023 13:07	9/10/2023 14:42	95	0
1101945	9/10/2023 13:09	9/10/2023 14:44	95	0.23
49209	9/10/2023 13:20	9/10/2023 15:04	104	0
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8668965	9/10/2023 14:05	9/10/2023 14:36	31	0
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957615	9/10/2023 14:15	9/10/2023 14:42	27	0
1518241	9/10/2023 14:15	9/10/2023 14:31	16	0

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1388092	9/10/2023 14:26	9/10/2023 14:42	16	0.07
954637	9/10/2023 14:26	9/10/2023 14:58	32	0
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8387677	9/10/2023 14:32	9/10/2023 14:48	16	0
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1076617	9/10/2023 14:35	9/10/2023 21:24	409	0
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8668965	9/10/2023 14:36	9/10/2023 21:01	385	0.01
1550661	9/10/2023 14:36	9/10/2023 21:05	389	0
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8972545	9/10/2023 14:37	9/10/2023 21:21	404	0
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1388092	9/10/2023 14:42	9/10/2023 21:21	399	0
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1406535	9/10/2023 14:44	9/10/2023 15:31	47	0
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588892	9/10/2023 14:46	9/10/2023 21:05	379	0.4
817260	9/10/2023 14:46	9/11/2023 0:28	582	0
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1431804	9/10/2023 14:51	9/10/2023 21:20	389	0
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323747	9/10/2023 14:53	9/10/2023 21:23	390	0
800600	9/10/2023 14:54	9/10/2023 21:02	368	0.08
280935	9/10/2023 14:54	9/11/2023 0:28	574	0
801004	9/10/2023 14:56	9/10/2023 21:07	371	0
1093833	9/10/2023 14:56	9/10/2023 20:29	333	0
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954637	9/10/2023 14:58	9/11/2023 0:28	570	0
1576533	9/10/2023 14:59	9/10/2023 21:17	378	0
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1368745	9/10/2023 15:03	9/10/2023 21:19	376	0
572882	9/10/2023 15:04	9/11/2023 0:28	564	0.09
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309961	9/11/2023 9:06	9/11/2023 10:00	53	0
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1362855	9/11/2023 9:52	9/11/2023 10:00	7	0
1558597	9/11/2023 9:52	9/11/2023 10:00	7	0
325050	9/11/2023 9:53	9/11/2023 10:00	6	0
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346288	9/11/2023 9:59	9/11/2023 10:00	0	0
1406535	9/11/2023 9:59	9/11/2023 10:00	0	0
6961293	9/11/2023 10:00	9/11/2023 15:42	342	0
1433697	9/11/2023 10:00	9/11/2023 11:27	87	0
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309961	9/11/2023 10:00	9/11/2023 11:33	93	0
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705447	9/11/2023 10:00	9/12/2023 10:00	1439	0
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46184	9/11/2023 10:00	9/12/2023 10:00	1439	0
264186	9/11/2023 10:00	9/12/2023 10:00	1439	0
564357	9/11/2023 10:00	9/12/2023 10:00	1439	0
321310	9/11/2023 10:00	9/11/2023 14:12	252	0
637185	9/11/2023 10:00	9/12/2023 10:00	1439	0
988262	9/11/2023 10:00	9/12/2023 10:00	1439	0
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1358945	9/11/2023 10:06	9/11/2023 11:41	95	0
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325050	9/11/2023 10:08	9/11/2023 11:23	75	0
1362855	9/11/2023 10:08	9/12/2023 0:28	860	0.25
1704326	9/11/2023 10:09	9/12/2023 0:28	859	0.08
1362130	9/11/2023 10:09	9/11/2023 11:06	57	0
1321605	9/11/2023 10:09	9/11/2023 11:53	104	0.1
1432509	9/11/2023 10:09	9/11/2023 21:24	675	0
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1518241	9/11/2023 10:12	9/11/2023 21:27	675	0
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8766703	9/11/2023 10:12	9/11/2023 21:24	672	0
957615	9/11/2023 10:12	9/11/2023 11:42	90	0
345647	9/11/2023 10:13	9/12/2023 0:28	855	0
1700586	9/11/2023 10:13	9/11/2023 14:16	243	0.1
346288	9/11/2023 10:14	9/11/2023 21:25	671	0.19
1251782	9/11/2023 10:14	9/12/2023 0:28	854	0
980398	9/11/2023 10:16	9/12/2023 0:28	852	0
1430553	9/11/2023 10:16	9/11/2023 11:30	74	0
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455629	9/11/2023 10:18	9/12/2023 0:28	850	0.1
274064	9/11/2023 10:18	9/12/2023 0:28	850	0
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1368745	9/11/2023 10:19	9/12/2023 0:28	849	0
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1190820	9/11/2023 10:24	9/11/2023 11:40	76	0
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510307	9/11/2023 10:25	9/11/2023 21:24	659	0.05
954637	9/11/2023 10:27	9/11/2023 11:46	79	0
587455	9/11/2023 10:29	9/12/2023 0:28	839	0
315306	9/11/2023 10:30	9/11/2023 14:13	223	0.54
316997	9/11/2023 10:30	9/11/2023 14:14	224	0.38
817825	9/11/2023 10:31	9/11/2023 21:25	654	0.31
7533405	9/11/2023 10:31	9/11/2023 11:59	88	0.1
315088	9/11/2023 10:31	9/11/2023 14:10	219	0
8148103	9/11/2023 10:32	9/11/2023 14:12	220	0.18
1704232	9/11/2023 10:32	9/11/2023 11:03	31	0
315346	9/11/2023 10:33	9/11/2023 14:13	220	0
309265	9/11/2023 10:33	9/11/2023 21:19	646	0.39
309233	9/11/2023 10:33	9/11/2023 11:04	31	0
317233	9/11/2023 10:34	9/11/2023 14:12	218	0.43
315345	9/11/2023 10:34	9/11/2023 14:11	217	1.57
308032	9/11/2023 10:34	9/11/2023 21:19	645	0.47
8104722	9/11/2023 10:34	9/11/2023 14:27	233	0
9993140	9/11/2023 10:35	9/11/2023 11:07	32	0
6503956	9/11/2023 10:35	9/11/2023 11:06	31	0
317126	9/11/2023 10:35	9/11/2023 14:12	217	0
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6992958	9/11/2023 10:36	9/11/2023 11:08	32	0
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323747	9/11/2023 10:39	9/11/2023 11:37	58	0
793690	9/11/2023 10:39	9/12/2023 0:28	829	0.79
1681747	9/11/2023 10:39	9/11/2023 11:10	31	0.02
8511623	9/11/2023 10:41	9/11/2023 21:25	644	0
8950281	9/11/2023 10:46	9/11/2023 21:19	633	0
1406535	9/11/2023 10:47	9/11/2023 11:45	58	0
51483	9/11/2023 10:49	9/11/2023 21:19	630	0.56
506261	9/11/2023 10:52	9/12/2023 0:28	816	0.24
564518	9/11/2023 10:52	9/11/2023 11:42	50	0
1093833	9/11/2023 10:54	9/11/2023 11:41	47	0
1299402	9/11/2023 10:55	9/11/2023 11:57	62	0

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315380	9/11/2023 10:56	9/11/2023 14:14	198	0.07
8387677	9/11/2023 10:56	9/11/2023 11:12	16	0
1355611	9/11/2023 10:56	9/11/2023 11:22	26	0
316630	9/11/2023 10:57	9/11/2023 14:14	197	0.85
313011	9/11/2023 10:57	9/11/2023 14:13	196	0
353651	9/11/2023 10:57	9/11/2023 11:27	30	0
313731	9/11/2023 10:58	9/11/2023 14:12	194	0.17
266906	9/11/2023 10:58	9/11/2023 11:35	37	0
313954	9/11/2023 10:59	9/11/2023 14:15	196	0.23
315604	9/11/2023 10:59	9/11/2023 14:13	194	0.13
315752	9/11/2023 10:59	9/11/2023 13:11	132	0
1704232	9/11/2023 11:03	9/11/2023 21:03	600	0.5
309233	9/11/2023 11:04	9/11/2023 11:35	31	0
1556602	9/11/2023 11:05	9/11/2023 11:37	32	0
6503956	9/11/2023 11:06	9/11/2023 11:54	48	0.17
1362130	9/11/2023 11:06	9/11/2023 11:22	16	0
121748	9/11/2023 11:07	9/11/2023 11:55	48	0
9993140	9/11/2023 11:07	9/11/2023 11:54	47	0
6992958	9/11/2023 11:08	9/11/2023 11:55	47	0.04
1681747	9/11/2023 11:10	9/11/2023 11:52	42	0
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8910809	9/11/2023 11:11	9/11/2023 21:27	616	0
8387677	9/11/2023 11:12	9/11/2023 14:14	182	0.07
1465391	9/11/2023 11:13	9/11/2023 21:29	616	0.1
380057	9/11/2023 11:13	9/11/2023 21:30	617	0
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7879030	9/11/2023 11:15	9/12/2023 0:28	793	0
8621797	9/11/2023 11:15	9/11/2023 12:02	47	0
259674	9/11/2023 11:17	9/11/2023 14:28	191	0
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1433697	9/11/2023 11:27	9/11/2023 11:29	2	0
353651	9/11/2023 11:27	9/11/2023 11:42	15	0
1320646	9/11/2023 11:29	9/11/2023 11:55	26	0
1433697	9/11/2023 11:29	9/11/2023 12:28	59	0
1430553	9/11/2023 11:30	9/11/2023 11:46	16	0
561672	9/11/2023 11:31	9/11/2023 11:47	16	0
1514004	9/11/2023 11:32	9/11/2023 13:46	134	0
309961	9/11/2023 11:33	9/11/2023 11:48	15	0

265473	9/11/2023 11:34	9/11/2023 11:49	15	0
572916	9/11/2023 11:34	9/11/2023 11:49	15	0
572882	9/11/2023 11:34	9/11/2023 11:49	15	0
266906	9/11/2023 11:35	9/11/2023 11:51	16	0
309233	9/11/2023 11:35	9/11/2023 11:51	16	0
324045	9/11/2023 11:36	9/11/2023 12:54	78	0
455994	9/11/2023 11:36	9/11/2023 12:03	27	0.09
323657	9/11/2023 11:36	9/11/2023 12:50	74	0.05
323747	9/11/2023 11:37	9/11/2023 12:55	78	0
1556602	9/11/2023 11:37	9/11/2023 21:18	581	0
325050	9/11/2023 11:38	9/11/2023 12:53	75	0
808829	9/11/2023 11:39	9/11/2023 12:11	32	0
1190820	9/11/2023 11:40	9/11/2023 13:10	90	0.06
1309098	9/11/2023 11:40	9/11/2023 11:55	15	0.06
1093833	9/11/2023 11:41	9/11/2023 12:13	32	0
1358945	9/11/2023 11:41	9/11/2023 11:57	16	0
564518	9/11/2023 11:42	9/11/2023 12:13	31	0
957615	9/11/2023 11:42	9/11/2023 12:13	31	0
353651	9/11/2023 11:42	9/12/2023 0:28	766	0
1493132	9/11/2023 11:42	9/12/2023 0:28	766	0
8564413	9/11/2023 11:44	9/11/2023 13:59	135	0
583848	9/11/2023 11:45	9/11/2023 13:58	133	0
1406535	9/11/2023 11:45	9/11/2023 12:16	31	0
954637	9/11/2023 11:46	9/11/2023 12:12	26	0.01
1430553	9/11/2023 11:46	9/11/2023 12:02	16	0
561672	9/11/2023 11:47	9/11/2023 21:28	581	0
309961	9/11/2023 11:48	9/11/2023 12:04	16	0
572882	9/11/2023 11:49	9/11/2023 12:21	32	0
572916	9/11/2023 11:49	9/11/2023 12:19	30	0
265473	9/11/2023 11:49	9/11/2023 12:05	16	0
1320008	9/11/2023 11:51	9/11/2023 12:07	16	0.04
266906	9/11/2023 11:51	9/11/2023 12:07	16	0
309233	9/11/2023 11:51	9/11/2023 12:07	16	0
2032900	9/11/2023 11:52	9/11/2023 12:08	16	0
1681747	9/11/2023 11:52	9/11/2023 14:56	184	0
9075059	9/11/2023 11:52	9/11/2023 12:23	31	0
1321605	9/11/2023 11:53	9/11/2023 12:09	16	0.04
6503956	9/11/2023 11:54	9/11/2023 12:51	57	0.02
9993140	9/11/2023 11:54	9/11/2023 12:52	58	0
121748	9/11/2023 11:55	9/11/2023 12:52	57	0.05
1320646	9/11/2023 11:55	9/11/2023 12:10	15	0
1309098	9/11/2023 11:55	9/11/2023 12:53	58	0.1
6992958	9/11/2023 11:55	9/11/2023 14:51	176	0
1101945	9/11/2023 11:55	9/11/2023 12:26	31	0
1299402	9/11/2023 11:57	9/11/2023 12:13	16	0
1320619	9/11/2023 11:57	9/11/2023 12:07	10	0
1358945	9/11/2023 11:57	9/11/2023 13:34	97	0

7533405	9/11/2023 11:59	9/11/2023 12:16	17	0.02
8621797	9/11/2023 12:02	9/11/2023 12:18	16	0
1430553	9/11/2023 12:02	9/11/2023 14:18	136	0.07
455994	9/11/2023 12:03	9/11/2023 16:22	259	0.07
309961	9/11/2023 12:04	9/11/2023 13:02	58	0
265473	9/11/2023 12:05	9/12/2023 10:00	1314	0
1320008	9/11/2023 12:07	9/11/2023 14:08	121	0.02
266906	9/11/2023 12:07	9/12/2023 10:00	1312	0
1320619	9/11/2023 12:07	9/11/2023 14:39	152	0
309233	9/11/2023 12:07	9/11/2023 13:04	57	0.02
2032900	9/11/2023 12:08	9/11/2023 14:24	136	0.01
1321605	9/11/2023 12:09	9/11/2023 13:07	58	0
1320646	9/11/2023 12:10	9/11/2023 14:40	150	0.05
808829	9/11/2023 12:11	9/11/2023 13:58	107	0
954637	9/11/2023 12:12	9/11/2023 14:28	136	0.02
957615	9/11/2023 12:13	9/11/2023 21:26	553	0
1093833	9/11/2023 12:13	9/11/2023 15:14	181	0.03
564518	9/11/2023 12:13	9/11/2023 15:08	175	0
1299402	9/11/2023 12:13	9/11/2023 14:14	121	0.01
7533405	9/11/2023 12:16	9/11/2023 14:15	119	0
1406535	9/11/2023 12:16	9/11/2023 13:59	103	0.01
1076617	9/11/2023 12:18	9/11/2023 15:22	184	0
8621797	9/11/2023 12:18	9/11/2023 14:13	115	0
572916	9/11/2023 12:19	9/11/2023 16:03	224	0.01
572882	9/11/2023 12:21	9/11/2023 15:58	217	0.02
9075059	9/11/2023 12:23	9/11/2023 16:54	271	0
1101945	9/11/2023 12:26	9/11/2023 16:57	271	0
1433697	9/11/2023 12:28	9/11/2023 12:29	1	0
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323657	9/11/2023 12:50	9/12/2023 9:22	1232	0
6503956	9/11/2023 12:51	9/11/2023 14:51	120	0
9993140	9/11/2023 12:52	9/11/2023 14:51	119	0
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325050	9/11/2023 12:53	9/11/2023 14:06	73	0
1309098	9/11/2023 12:53	9/11/2023 14:08	75	0.03
324045	9/11/2023 12:54	9/11/2023 14:23	89	0
323747	9/11/2023 12:55	9/12/2023 9:24	1229	0
309961	9/11/2023 13:02	9/11/2023 13:47	45	0.08
309233	9/11/2023 13:04	9/11/2023 13:20	16	0
1321605	9/11/2023 13:07	9/11/2023 13:52	45	0
1190820	9/11/2023 13:10	9/11/2023 13:41	31	0
315752	9/11/2023 13:11	9/11/2023 14:13	62	0
309233	9/11/2023 13:20	9/12/2023 10:00	1239	0.01
1433697	9/11/2023 13:31	9/11/2023 17:16	225	0
1553910	9/11/2023 13:34	9/12/2023 0:28	654	0
1358945	9/11/2023 13:34	9/11/2023 14:11	37	0
1550566	9/11/2023 13:34	9/12/2023 0:28	654	0

8972545	9/11/2023 13:34	9/12/2023 10:00	1225	0
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1552248	9/11/2023 13:36	9/12/2023 0:28	652	0
1190820	9/11/2023 13:41	9/11/2023 14:25	44	0
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309961	9/11/2023 13:47	9/11/2023 14:19	32	0
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1321605	9/11/2023 13:52	9/11/2023 14:08	16	0
1539391	9/11/2023 13:52	9/12/2023 0:28	636	0
583848	9/11/2023 13:58	9/11/2023 14:29	31	0
808829	9/11/2023 13:58	9/12/2023 10:00	1201	0
1406535	9/11/2023 13:59	9/11/2023 14:15	16	0
8564413	9/11/2023 13:59	9/11/2023 14:31	32	0
1503507	9/11/2023 14:01	9/11/2023 14:17	16	0
325050	9/11/2023 14:06	9/11/2023 14:21	15	0
1321605	9/11/2023 14:08	9/11/2023 14:24	16	0
1320008	9/11/2023 14:08	9/11/2023 14:24	16	0
1309098	9/11/2023 14:08	9/11/2023 14:24	16	0
315088	9/11/2023 14:10	9/11/2023 21:21	431	0
315345	9/11/2023 14:11	9/11/2023 14:27	16	0
1358945	9/11/2023 14:11	9/11/2023 14:27	16	0
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313731	9/11/2023 14:12	9/11/2023 21:33	441	0.01
317233	9/11/2023 14:12	9/11/2023 14:28	16	0
317126	9/11/2023 14:12	9/11/2023 21:27	435	0
315306	9/11/2023 14:13	9/11/2023 14:28	15	0
315604	9/11/2023 14:13	9/11/2023 21:24	431	0.02
315346	9/11/2023 14:13	9/11/2023 14:29	16	0
315752	9/11/2023 14:13	9/12/2023 0:28	615	0.01
313011	9/11/2023 14:13	9/11/2023 21:30	437	0
8621797	9/11/2023 14:13	9/11/2023 16:04	111	0
316630	9/11/2023 14:14	9/11/2023 21:30	436	0.02
316997	9/11/2023 14:14	9/11/2023 14:30	16	0
314564	9/11/2023 14:14	9/11/2023 21:25	431	0
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1430553	9/11/2023 14:18	9/11/2023 14:34	16	0
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324045	9/11/2023 14:23	9/11/2023 14:39	16	0
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1321605	9/11/2023 14:24	9/11/2023 21:19	415	0
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321310	9/11/2023 14:28	9/11/2023 14:44	16	0
954637	9/11/2023 14:28	9/11/2023 15:15	47	0
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583848	9/11/2023 14:29	9/11/2023 15:01	32	0
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316997	9/11/2023 14:30	9/11/2023 14:56	26	0
1299402	9/11/2023 14:30	9/11/2023 14:40	10	0
7533405	9/11/2023 14:30	9/11/2023 14:45	15	0.01
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1430553	9/11/2023 14:34	9/11/2023 14:49	15	0
309961	9/11/2023 14:35	9/11/2023 14:50	15	0
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325050	9/11/2023 14:36	9/11/2023 15:06	30	0
281237	9/11/2023 14:36	9/12/2023 0:28	592	0.15
279780	9/11/2023 14:36	9/12/2023 0:28	592	0
1358945	9/11/2023 14:37	9/11/2023 21:21	404	0
280935	9/11/2023 14:37	9/12/2023 0:28	591	0.04

328408	9/11/2023 14:37	9/11/2023 21:27	410	0
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801004	9/11/2023 14:40	9/11/2023 21:24	404	0
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315346	9/11/2023 14:45	9/12/2023 0:28	583	0
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1406535	9/11/2023 14:47	9/11/2023 21:31	404	0
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6503956	9/11/2023 14:51	9/11/2023 21:20	389	0
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489481	9/11/2023 14:52	9/11/2023 21:26	394	0
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1681747	9/11/2023 14:56	9/12/2023 0:28	572	0
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8148103	9/11/2023 14:57	9/12/2023 0:28	571	0.27
1700586	9/11/2023 14:58	9/11/2023 21:27	389	0
1393633	9/11/2023 15:00	9/12/2023 0:28	568	0
315306	9/11/2023 15:00	9/12/2023 0:28	568	0.33
583848	9/11/2023 15:01	9/11/2023 21:19	378	0
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8104722	9/11/2023 15:14	9/12/2023 0:28	554	0
954637	9/11/2023 15:15	9/12/2023 0:28	553	0
1431804	9/11/2023 15:21	9/11/2023 21:24	363	0
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1410177	9/11/2023 15:54	9/12/2023 0:28	514	0
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6961293	9/11/2023 15:58	9/12/2023 0:28	510	0
572916	9/11/2023 16:03	9/12/2023 0:28	505	0
8621797	9/11/2023 16:04	9/12/2023 0:28	504	0
455994	9/11/2023 16:22	9/11/2023 21:32	310	0
1466638	9/11/2023 16:24	9/11/2023 17:38	74	0
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449036	9/11/2023 16:37	9/11/2023 21:26	289	0
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9075059	9/11/2023 16:54	9/11/2023 21:26	272	0
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307661	9/11/2023 17:01	9/11/2023 20:10	189	0
304345	9/11/2023 17:01	9/12/2023 0:28	447	0
1433697	9/11/2023 17:16	9/11/2023 17:29	13	0
1433697	9/11/2023 17:29	9/11/2023 18:16	47	0
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1433697	9/11/2023 18:16	9/11/2023 18:29	13	0
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1433697	9/11/2023 19:29	9/11/2023 20:16	47	0
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800600	9/11/2023 21:17	9/12/2023 10:00	762	0
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309265	9/11/2023 21:19	9/12/2023 10:00	760	0
1321605	9/11/2023 21:19	9/12/2023 10:00	760	0
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1299402	9/11/2023 21:19	9/12/2023 10:00	760	0
1433697	9/11/2023 21:19	9/11/2023 21:29	10	0
308032	9/11/2023 21:19	9/12/2023 10:00	760	0

2032900	9/11/2023 21:19	9/12/2023 10:00	760	0
583848	9/11/2023 21:19	9/12/2023 10:00	760	0
6503956	9/11/2023 21:20	9/12/2023 10:00	759	0
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1431804	9/11/2023 21:24	9/12/2023 10:00	755	0
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281456	9/11/2023 21:26	9/12/2023 10:00	753	0
325050	9/11/2023 21:26	9/12/2023 9:36	730	0
328408	9/11/2023 21:27	9/12/2023 10:00	752	0
1403562	9/11/2023 21:27	9/12/2023 10:00	752	0
317126	9/11/2023 21:27	9/12/2023 10:00	752	0
1518241	9/11/2023 21:27	9/12/2023 10:00	752	0
8910809	9/11/2023 21:27	9/12/2023 10:00	752	0
1700586	9/11/2023 21:27	9/12/2023 10:00	752	0
1514004	9/11/2023 21:28	9/12/2023 10:00	751	0
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1553525	9/11/2023 21:28	9/12/2023 10:00	751	0
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8734029	9/11/2023 21:29	9/12/2023 10:00	750	0
8564413	9/11/2023 21:29	9/12/2023 10:00	750	0
1433697	9/11/2023 21:29	9/11/2023 22:19	50	0
1465391	9/11/2023 21:29	9/12/2023 10:00	750	0

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859747	9/11/2023 21:30	9/12/2023 9:13	703	0
313011	9/11/2023 21:30	9/12/2023 10:00	749	0
316630	9/11/2023 21:30	9/12/2023 10:00	749	0
380057	9/11/2023 21:30	9/12/2023 10:00	749	0
9993140	9/11/2023 21:30	9/12/2023 10:00	749	0
8387677	9/11/2023 21:30	9/12/2023 10:00	749	0
1406535	9/11/2023 21:31	9/12/2023 8:11	640	0
309961	9/11/2023 21:31	9/12/2023 8:17	646	0
313954	9/11/2023 21:31	9/12/2023 10:00	748	0
315380	9/11/2023 21:31	9/12/2023 10:00	748	0
455994	9/11/2023 21:32	9/12/2023 10:00	747	0
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1320646	9/11/2023 22:04	9/12/2023 10:00	715	0
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1433697	9/11/2023 22:29	9/11/2023 23:19	50	0
1433697	9/11/2023 23:19	9/11/2023 23:29	10	0
1433697	9/11/2023 23:29	9/12/2023 0:19	50	0
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8621797	9/12/2023 0:28	9/12/2023 10:00	571	0
6995795	9/12/2023 0:28	9/12/2023 10:00	571	0
740241	9/12/2023 0:28	9/12/2023 8:37	489	0
854579	9/12/2023 0:28	9/12/2023 10:00	571	0
1309098	9/12/2023 0:28	9/12/2023 9:53	565	0
7533405	9/12/2023 0:28	9/12/2023 10:00	571	0
8148103	9/12/2023 0:28	9/12/2023 10:00	571	0
353651	9/12/2023 0:28	9/12/2023 10:00	571	0
121748	9/12/2023 0:28	9/12/2023 10:00	571	0
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506261	9/12/2023 0:28	9/12/2023 10:00	571	0
316997	9/12/2023 0:28	9/12/2023 10:00	571	0
1552248	9/12/2023 0:28	9/12/2023 10:00	571	0
1356945	9/12/2023 0:28	9/12/2023 10:00	571	0
6714863	9/12/2023 0:28	9/12/2023 10:00	571	0
281237	9/12/2023 0:28	9/12/2023 10:00	571	0
817260	9/12/2023 0:28	9/12/2023 10:00	571	0
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7879030	9/12/2023 0:28	9/12/2023 10:00	571	0
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1363415	9/12/2023 0:28	9/12/2023 10:00	571	0
1624452	9/12/2023 0:28	9/12/2023 10:00	571	0
315306	9/12/2023 0:28	9/12/2023 10:00	571	0
1552154	9/12/2023 0:28	9/12/2023 10:00	571	0

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455629	9/12/2023 0:28	9/12/2023 10:00	571	0
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279780	9/12/2023 0:28	9/12/2023 10:00	571	0
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1538577	9/12/2023 0:28	9/12/2023 10:00	571	0
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8104722	9/12/2023 0:28	9/12/2023 9:42	554	0
1524033	9/12/2023 0:28	9/12/2023 10:00	571	0
1190820	9/12/2023 0:28	9/12/2023 10:00	571	0
1511264	9/12/2023 0:28	9/12/2023 10:00	571	0
8068454	9/12/2023 0:28	9/12/2023 10:00	571	0
1362855	9/12/2023 0:28	9/12/2023 10:00	571	0
381982	9/12/2023 0:28	9/12/2023 10:00	571	0
280935	9/12/2023 0:28	9/12/2023 10:00	571	0
1093833	9/12/2023 0:28	9/12/2023 10:00	571	0
1251782	9/12/2023 0:28	9/12/2023 10:00	571	0
1555609	9/12/2023 0:28	9/12/2023 10:00	571	0
6761269	9/12/2023 0:28	9/12/2023 9:55	567	0
6961293	9/12/2023 0:28	9/12/2023 10:00	571	0
1550566	9/12/2023 0:28	9/12/2023 10:00	571	0
6992958	9/12/2023 0:28	9/12/2023 10:00	571	0
572882	9/12/2023 0:28	9/12/2023 10:00	571	0
511266	9/12/2023 0:28	9/12/2023 10:00	571	0
1410177	9/12/2023 0:28	9/12/2023 10:00	571	0
1430553	9/12/2023 0:28	9/12/2023 9:33	545	0
1390184	9/12/2023 0:28	9/12/2023 9:51	563	0
1681747	9/12/2023 0:28	9/12/2023 10:00	571	0
1553910	9/12/2023 0:28	9/12/2023 10:00	571	0
793690	9/12/2023 0:28	9/12/2023 10:00	571	0
1368745	9/12/2023 0:28	9/12/2023 9:32	544	0
1539391	9/12/2023 0:28	9/12/2023 10:00	571	0
315345	9/12/2023 0:28	9/12/2023 10:00	571	0
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1320619	9/12/2023 0:28	9/12/2023 10:00	571	0
954637	9/12/2023 0:28	9/12/2023 10:00	571	0
980398	9/12/2023 0:28	9/12/2023 9:33	545	0
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1393633	9/12/2023 0:28	9/12/2023 10:00	571	0
1493132	9/12/2023 0:28	9/12/2023 9:01	513	0
1417138	9/12/2023 0:28	9/12/2023 10:00	571	0
587455	9/12/2023 0:28	9/12/2023 10:00	571	0
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8950281	9/12/2023 8:17	9/12/2023 10:00	102	0
309961	9/12/2023 8:17	9/12/2023 9:46	89	0
740241	9/12/2023 8:37	9/12/2023 10:00	82	0
324290	9/12/2023 8:39	9/12/2023 10:00	80	0
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980398	9/12/2023 9:33	9/12/2023 10:00	26	0
325050	9/12/2023 9:36	9/12/2023 10:00	23	0
8104722	9/12/2023 9:42	9/12/2023 10:00	17	0
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1362130	9/12/2023 9:55	9/12/2023 10:00	4	0
346288	9/12/2023 9:55	9/12/2023 10:00	4	0
6761269	9/12/2023 9:55	9/12/2023 10:00	4	0
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872542	9/12/2023 10:00	9/13/2023 10:00	1439	0
353728	9/12/2023 10:00	9/13/2023 10:00	1439	0
1390184	9/12/2023 10:00	9/13/2023 0:28	868	0.08
1368745	9/12/2023 10:00	9/12/2023 11:34	94	0

1573666	9/12/2023 10:00	9/12/2023 11:34	94	0
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637185	9/12/2023 10:00	9/13/2023 10:00	1439	0
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705447	9/12/2023 10:00	9/13/2023 10:00	1439	0
793690	9/12/2023 10:00	9/13/2023 10:00	1439	0
772378	9/12/2023 10:00	9/13/2023 0:28	868	0
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564357	9/12/2023 10:00	9/13/2023 10:00	1439	0
317233	9/12/2023 10:07	9/12/2023 11:41	94	0.28
324290	9/12/2023 10:08	9/12/2023 11:22	74	0
1362855	9/12/2023 10:08	9/13/2023 0:28	860	0.15
1545844	9/12/2023 10:08	9/12/2023 13:38	210	0
315345	9/12/2023 10:08	9/12/2023 11:38	90	0.01
8511623	9/12/2023 10:08	9/13/2023 0:28	860	0
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323657	9/12/2023 10:09	9/12/2023 12:20	131	0
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1309098	9/12/2023 10:09	9/12/2023 11:39	90	0.1
1362130	9/12/2023 10:10	9/12/2023 11:08	58	0
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345647	9/12/2023 10:10	9/13/2023 0:28	858	0
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6761269	9/12/2023 10:10	9/13/2023 0:28	858	0
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1299402	9/12/2023 10:11	9/13/2023 0:28	857	0.09
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346288	9/12/2023 10:11	9/13/2023 0:28	857	0
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51483	9/12/2023 10:16	9/12/2023 11:03	47	0
1251782	9/12/2023 10:16	9/13/2023 0:28	852	0
1513240	9/12/2023 10:16	9/12/2023 11:30	74	0.01
265473	9/12/2023 10:17	9/12/2023 11:49	92	0
8950281	9/12/2023 10:17	9/12/2023 11:05	48	0
274064	9/12/2023 10:18	9/12/2023 11:21	63	0
455994	9/12/2023 10:18	9/12/2023 16:47	389	0.07
1599629	9/12/2023 10:18	9/12/2023 14:15	237	0.19

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1430553	9/12/2023 10:20	9/12/2023 11:33	73	0.02
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740241	9/12/2023 10:22	9/13/2023 0:28	846	0
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507365	9/12/2023 10:24	9/13/2023 0:28	844	0
6714863	9/12/2023 10:25	9/13/2023 0:28	843	0.07
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790670	9/12/2023 10:26	9/13/2023 0:28	842	0.02
1433697	9/12/2023 10:29	9/12/2023 17:58	449	0
980398	9/12/2023 10:30	9/12/2023 14:32	242	0
1514004	9/12/2023 10:31	9/12/2023 11:34	63	0
817825	9/12/2023 10:33	9/13/2023 0:28	835	0
1553245	9/12/2023 10:35	9/13/2023 0:28	833	0
801004	9/12/2023 10:37	9/12/2023 11:40	63	0
800600	9/12/2023 10:41	9/12/2023 11:38	57	0
378229	9/12/2023 10:41	9/13/2023 0:28	827	1.37
7533405	9/12/2023 10:43	9/12/2023 11:46	63	0
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954637	9/12/2023 10:45	9/12/2023 14:31	226	0
587455	9/12/2023 10:47	9/12/2023 11:02	15	0
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8104722	9/12/2023 10:56	9/12/2023 11:53	57	0
1434550	9/12/2023 10:58	9/13/2023 0:28	810	0.1
8734029	9/12/2023 10:59	9/13/2023 0:28	809	0
1525793	9/12/2023 10:59	9/12/2023 11:46	47	0
1432509	9/12/2023 10:59	9/13/2023 0:28	809	0
259674	9/12/2023 11:02	9/12/2023 14:32	210	0
51957	9/12/2023 11:02	9/12/2023 11:34	32	0
587455	9/12/2023 11:02	9/13/2023 1:07	845	0
51483	9/12/2023 11:03	9/12/2023 11:35	32	0
8950281	9/12/2023 11:05	9/12/2023 11:31	26	0
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121748	9/12/2023 11:07	9/13/2023 0:28	801	0
1553525	9/12/2023 11:07	9/12/2023 14:38	211	0
1552154	9/12/2023 11:08	9/12/2023 11:39	31	0
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6992958	9/12/2023 11:08	9/13/2023 0:28	800	0.03
1343091	9/12/2023 11:08	9/13/2023 0:28	800	0.18
313731	9/12/2023 11:08	9/12/2023 11:24	16	0
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8387677	9/12/2023 11:09	9/12/2023 11:40	31	0
6503956	9/12/2023 11:09	9/13/2023 0:28	799	0
315604	9/12/2023 11:09	9/12/2023 11:24	15	0
1521914	9/12/2023 11:09	9/12/2023 11:56	47	0.11
314564	9/12/2023 11:09	9/12/2023 11:25	16	0
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324290	9/12/2023 11:22	9/12/2023 11:38	16	0
324045	9/12/2023 11:22	9/12/2023 11:38	16	0
8068454	9/12/2023 11:22	9/12/2023 11:38	16	0
315604	9/12/2023 11:24	9/12/2023 11:40	16	0
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8590289	9/12/2023 11:24	9/13/2023 0:28	784	0
313731	9/12/2023 11:24	9/12/2023 11:40	16	0
316630	9/12/2023 11:25	9/12/2023 11:41	16	0
549617	9/12/2023 11:25	9/12/2023 11:56	31	0
314564	9/12/2023 11:25	9/12/2023 11:40	15	0
315752	9/12/2023 11:25	9/12/2023 11:41	16	0
313954	9/12/2023 11:26	9/12/2023 11:41	15	0
315380	9/12/2023 11:27	9/12/2023 11:42	15	0
658177	9/12/2023 11:28	9/12/2023 11:39	11	0
1511735	9/12/2023 11:29	9/12/2023 12:01	32	0.01
1513240	9/12/2023 11:30	9/12/2023 12:01	31	0.45
1511875	9/12/2023 11:30	9/12/2023 12:01	31	0
309961	9/12/2023 11:31	9/12/2023 11:47	16	0
8950281	9/12/2023 11:31	9/12/2023 14:35	184	0
1430553	9/12/2023 11:33	9/12/2023 11:49	16	0
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1576533	9/12/2023 11:34	9/12/2023 12:21	47	0
1514004	9/12/2023 11:34	9/12/2023 12:00	26	0

51957	9/12/2023 11:34	9/12/2023 13:45	131	0
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1573666	9/12/2023 11:34	9/12/2023 12:22	48	0
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1704232	9/12/2023 11:36	9/12/2023 14:19	163	0.34
1538577	9/12/2023 11:36	9/13/2023 0:28	772	0
325050	9/12/2023 11:36	9/12/2023 14:21	165	0
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1539391	9/12/2023 11:37	9/13/2023 0:28	771	0
800600	9/12/2023 11:38	9/12/2023 14:37	179	0
315306	9/12/2023 11:38	9/12/2023 11:55	17	0
324290	9/12/2023 11:38	9/12/2023 12:25	47	0
8068454	9/12/2023 11:38	9/12/2023 12:35	57	0
315345	9/12/2023 11:38	9/12/2023 11:53	15	0.12
324045	9/12/2023 11:38	9/12/2023 12:25	47	0
658177	9/12/2023 11:39	9/12/2023 12:10	31	0.14
315346	9/12/2023 11:39	9/12/2023 11:55	16	0
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1309098	9/12/2023 11:39	9/12/2023 13:25	106	0.85
1552154	9/12/2023 11:39	9/12/2023 14:38	179	0
1466638	9/12/2023 11:39	9/12/2023 11:55	16	0
1451744	9/12/2023 11:39	9/13/2023 10:00	1340	0.02
315604	9/12/2023 11:40	9/12/2023 11:55	15	0
1190820	9/12/2023 11:40	9/12/2023 14:40	180	0
8387677	9/12/2023 11:40	9/12/2023 11:56	16	0
313731	9/12/2023 11:40	9/12/2023 11:56	16	0
314564	9/12/2023 11:40	9/12/2023 11:56	16	0
316997	9/12/2023 11:40	9/12/2023 11:56	16	0
801004	9/12/2023 11:40	9/12/2023 14:38	178	0
313011	9/12/2023 11:40	9/13/2023 10:00	1339	0
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313954	9/12/2023 11:41	9/12/2023 11:57	16	0
317233	9/12/2023 11:41	9/12/2023 11:57	16	0.03
316630	9/12/2023 11:41	9/12/2023 11:57	16	0
315752	9/12/2023 11:41	9/12/2023 11:57	16	0
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315380	9/12/2023 11:42	9/12/2023 11:58	16	0
1493132	9/12/2023 11:43	9/12/2023 16:01	258	0
1700586	9/12/2023 11:43	9/12/2023 14:15	152	0
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7533405	9/12/2023 11:46	9/12/2023 12:02	16	0
1525793	9/12/2023 11:46	9/12/2023 12:02	16	0
8766703	9/12/2023 11:47	9/12/2023 14:30	163	0
309961	9/12/2023 11:47	9/12/2023 12:02	15	0
1406535	9/12/2023 11:47	9/12/2023 14:14	147	0.13
587024	9/12/2023 11:48	9/13/2023 0:28	760	0

1430553	9/12/2023 11:49	9/12/2023 12:47	58	0.03
265473	9/12/2023 11:49	9/12/2023 12:06	17	0
1076617	9/12/2023 11:50	9/12/2023 12:06	16	0
1437071	9/12/2023 11:51	9/12/2023 13:20	89	0
315345	9/12/2023 11:53	9/12/2023 13:54	121	0
1320646	9/12/2023 11:53	9/12/2023 14:41	168	0
8104722	9/12/2023 11:53	9/13/2023 0:28	755	0
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1417138	9/12/2023 11:53	9/12/2023 13:06	73	0
1417279	9/12/2023 11:53	9/12/2023 13:23	90	0.18
315604	9/12/2023 11:55	9/12/2023 12:12	17	0
1320619	9/12/2023 11:55	9/12/2023 14:43	168	0
1466638	9/12/2023 11:55	9/12/2023 12:11	16	0
315306	9/12/2023 11:55	9/12/2023 13:55	120	0.03
549596	9/12/2023 11:55	9/13/2023 0:28	753	0
1320008	9/12/2023 11:55	9/12/2023 13:56	121	0.04
315346	9/12/2023 11:55	9/12/2023 13:57	122	0
321310	9/12/2023 11:55	9/12/2023 12:10	15	0
380057	9/12/2023 11:55	9/12/2023 14:12	137	0
316997	9/12/2023 11:56	9/12/2023 13:57	121	0
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313731	9/12/2023 11:56	9/12/2023 12:11	15	0
549617	9/12/2023 11:56	9/13/2023 0:28	752	0.03
1521914	9/12/2023 11:56	9/12/2023 13:57	121	0
381982	9/12/2023 11:56	9/12/2023 14:12	136	0
6995795	9/12/2023 11:56	9/12/2023 14:13	137	0.02
1521655	9/12/2023 11:56	9/12/2023 13:56	120	0
1321605	9/12/2023 11:56	9/12/2023 13:57	121	0.15
314564	9/12/2023 11:56	9/12/2023 12:12	16	0
313954	9/12/2023 11:57	9/12/2023 12:13	16	0
7879030	9/12/2023 11:57	9/12/2023 14:12	135	0
315752	9/12/2023 11:57	9/12/2023 12:13	16	0
8148103	9/12/2023 11:57	9/12/2023 13:57	120	0
317233	9/12/2023 11:57	9/12/2023 13:57	120	0.02
316630	9/12/2023 11:57	9/12/2023 12:12	15	0.05
315380	9/12/2023 11:58	9/12/2023 12:14	16	0
8910809	9/12/2023 11:59	9/12/2023 14:10	131	0
1514004	9/12/2023 12:00	9/12/2023 14:33	153	0
1511735	9/12/2023 12:01	9/13/2023 8:44	1243	0.09
1513240	9/12/2023 12:01	9/13/2023 10:00	1318	0.04
1511875	9/12/2023 12:01	9/13/2023 8:45	1244	0
7533405	9/12/2023 12:02	9/12/2023 12:17	15	0
1525793	9/12/2023 12:02	9/12/2023 12:17	15	0
309961	9/12/2023 12:02	9/12/2023 13:47	105	0
265473	9/12/2023 12:06	9/13/2023 10:00	1313	0
1076617	9/12/2023 12:06	9/12/2023 13:04	58	0
658177	9/12/2023 12:10	9/12/2023 14:42	152	0

321310	9/12/2023 12:10	9/12/2023 14:11	121	0
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316630	9/12/2023 12:12	9/13/2023 0:28	736	0.08
315604	9/12/2023 12:12	9/13/2023 0:28	736	0
314564	9/12/2023 12:12	9/13/2023 0:28	736	0
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313954	9/12/2023 12:13	9/13/2023 0:28	735	0
315380	9/12/2023 12:14	9/13/2023 0:28	734	0
1358945	9/12/2023 12:14	9/12/2023 14:45	151	0
7533405	9/12/2023 12:17	9/12/2023 12:44	27	0
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323747	9/12/2023 12:22	9/12/2023 14:39	137	0.13
1573666	9/12/2023 12:22	9/12/2023 14:54	152	0
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1430553	9/12/2023 12:47	9/13/2023 9:32	1245	0.02
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1076617	9/12/2023 13:04	9/12/2023 13:19	15	0
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309961	9/12/2023 13:47	9/12/2023 14:19	32	0
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8972545	9/12/2023 13:50	9/12/2023 14:21	31	0
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1417138	9/12/2023 13:53	9/12/2023 14:35	42	0
315345	9/12/2023 13:54	9/12/2023 14:57	63	0
315306	9/12/2023 13:55	9/12/2023 14:26	31	0.08
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1521655	9/12/2023 13:56	9/13/2023 0:28	632	0
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1521914	9/12/2023 13:57	9/13/2023 0:28	631	0
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315346	9/12/2023 13:57	9/12/2023 14:54	57	0
1321605	9/12/2023 13:57	9/12/2023 15:10	73	0.03
316997	9/12/2023 13:57	9/12/2023 14:23	26	0
8910809	9/12/2023 14:10	9/12/2023 14:26	16	0
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8972545	9/12/2023 14:21	9/12/2023 14:41	20	0
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1076617	9/12/2023 14:22	9/12/2023 14:38	16	0
1431804	9/12/2023 14:22	9/13/2023 0:28	606	0
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2032900	9/12/2023 14:23	9/12/2023 14:39	16	0
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315306	9/12/2023 14:26	9/12/2023 14:42	16	0
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8910809	9/12/2023 14:26	9/12/2023 14:58	32	0
1093833	9/12/2023 14:26	9/13/2023 0:28	602	0
8148103	9/12/2023 14:27	9/12/2023 14:42	15	0.22
381982	9/12/2023 14:27	9/12/2023 14:59	32	0
957615	9/12/2023 14:27	9/13/2023 0:28	601	0
1309098	9/12/2023 14:28	9/12/2023 14:43	15	0.06
328408	9/12/2023 14:28	9/12/2023 14:39	11	0

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1406535	9/12/2023 14:29	9/12/2023 14:45	16	0
1565203	9/12/2023 14:29	9/12/2023 17:12	163	0
8766703	9/12/2023 14:30	9/12/2023 14:42	12	0
1700586	9/12/2023 14:31	9/12/2023 14:47	16	0
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7533405	9/12/2023 14:34	9/12/2023 15:37	63	0
1368745	9/12/2023 14:34	9/12/2023 14:48	14	0
280935	9/12/2023 14:34	9/13/2023 0:28	594	0
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324290	9/12/2023 14:36	9/13/2023 0:28	592	0
325050	9/12/2023 14:36	9/12/2023 15:21	45	0
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279780	9/12/2023 14:36	9/13/2023 0:28	592	0
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1321750	9/12/2023 14:37	9/13/2023 0:28	591	0
800600	9/12/2023 14:37	9/13/2023 0:28	591	0
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1576533	9/12/2023 14:38	9/13/2023 0:28	590	0.08
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801004	9/12/2023 14:38	9/13/2023 0:28	590	0
328408	9/12/2023 14:39	9/13/2023 0:28	589	0
323747	9/12/2023 14:39	9/13/2023 0:28	589	0
6623421	9/12/2023 14:39	9/13/2023 0:28	589	0
2032900	9/12/2023 14:39	9/13/2023 0:28	589	0
8387677	9/12/2023 14:39	9/13/2023 0:28	589	0
316997	9/12/2023 14:39	9/13/2023 0:28	589	0.09
1190820	9/12/2023 14:40	9/13/2023 0:28	588	0
8972545	9/12/2023 14:41	9/13/2023 0:28	587	0
1320646	9/12/2023 14:41	9/13/2023 0:28	587	0.22
315306	9/12/2023 14:42	9/13/2023 0:30	588	0.01

321310	9/12/2023 14:42	9/13/2023 0:28	586	0
8766703	9/12/2023 14:42	9/13/2023 0:28	586	0
658177	9/12/2023 14:42	9/13/2023 0:28	586	0
8148103	9/12/2023 14:42	9/13/2023 0:28	586	0.02
1320619	9/12/2023 14:43	9/13/2023 0:28	585	0
1309098	9/12/2023 14:43	9/13/2023 0:28	585	0.09
8564413	9/12/2023 14:43	9/13/2023 0:28	585	0
328594	9/12/2023 14:44	9/13/2023 0:28	584	0
1406535	9/12/2023 14:45	9/13/2023 0:28	583	0
1358945	9/12/2023 14:45	9/13/2023 0:28	583	0
6162958	9/12/2023 14:47	9/13/2023 1:11	624	0
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1514004	9/12/2023 14:48	9/13/2023 0:28	580	0
326791	9/12/2023 14:48	9/13/2023 0:28	580	0
1368745	9/12/2023 14:48	9/13/2023 0:28	580	0
1437071	9/12/2023 14:49	9/13/2023 0:28	579	0
1704232	9/12/2023 14:50	9/13/2023 0:28	578	0
309961	9/12/2023 14:51	9/12/2023 16:35	104	0
564518	9/12/2023 14:51	9/12/2023 14:56	5	0
1417279	9/12/2023 14:52	9/13/2023 0:28	576	0
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1355611	9/12/2023 14:54	9/13/2023 0:28	574	0
317233	9/12/2023 14:55	9/13/2023 0:42	587	0
6995795	9/12/2023 14:55	9/13/2023 0:28	573	0
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7879030	9/12/2023 14:57	9/13/2023 0:28	571	0
315345	9/12/2023 14:57	9/13/2023 0:30	573	0
8910809	9/12/2023 14:58	9/13/2023 0:28	570	0
1466638	9/12/2023 14:59	9/13/2023 0:28	569	0
381982	9/12/2023 14:59	9/13/2023 0:38	579	0
380057	9/12/2023 14:59	9/13/2023 0:28	569	0
6961293	9/12/2023 15:09	9/12/2023 15:25	16	0
1320008	9/12/2023 15:09	9/13/2023 0:28	559	0
1321605	9/12/2023 15:10	9/13/2023 0:28	558	0
325050	9/12/2023 15:21	9/12/2023 15:41	20	0
6961293	9/12/2023 15:25	9/12/2023 15:57	32	0
7533405	9/12/2023 15:37	9/12/2023 15:48	11	0
325050	9/12/2023 15:41	9/13/2023 0:28	527	0
1518241	9/12/2023 15:44	9/13/2023 0:28	524	0
7533405	9/12/2023 15:48	9/12/2023 17:32	104	0
6961293	9/12/2023 15:57	9/13/2023 0:28	511	0
1493132	9/12/2023 16:01	9/13/2023 0:28	507	0
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8621797	9/12/2023 16:22	9/13/2023 0:28	486	0
309961	9/12/2023 16:35	9/12/2023 17:17	42	0
455994	9/12/2023 16:47	9/13/2023 0:28	461	0
307661	9/12/2023 17:06	9/13/2023 0:28	442	0
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309961	9/12/2023 17:17	9/12/2023 17:33	16	0
1525793	9/12/2023 17:17	9/13/2023 0:28	431	0
7533405	9/12/2023 17:32	9/13/2023 10:00	987	0
309961	9/12/2023 17:33	9/12/2023 17:49	16	0
309961	9/12/2023 17:49	9/13/2023 0:28	399	0
1433697	9/12/2023 17:58	9/13/2023 0:29	391	0
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1320646	9/13/2023 0:28	9/13/2023 10:00	571	0
1362855	9/13/2023 0:28	9/13/2023 9:41	553	0
8564413	9/13/2023 0:28	9/13/2023 10:00	571	0
1076617	9/13/2023 0:28	9/13/2023 10:00	571	0
259674	9/13/2023 0:28	9/13/2023 10:00	571	0
1437071	9/13/2023 0:28	9/13/2023 10:00	571	0
1554218	9/13/2023 0:28	9/13/2023 10:00	571	0
1406535	9/13/2023 0:28	9/13/2023 9:28	540	0
1518241	9/13/2023 0:28	9/13/2023 9:44	556	0
313954	9/13/2023 0:28	9/13/2023 10:00	571	0
1320619	9/13/2023 0:28	9/13/2023 10:00	571	0
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854579	9/13/2023 0:28	9/13/2023 10:00	571	0
1555376	9/13/2023 0:28	9/13/2023 10:00	571	0
1321750	9/13/2023 0:28	9/13/2023 10:00	571	0
324290	9/13/2023 0:28	9/13/2023 8:09	461	0
1519179	9/13/2023 0:28	9/13/2023 10:00	571	0
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316997	9/13/2023 0:28	9/13/2023 10:00	571	0
324045	9/13/2023 0:28	9/13/2023 10:00	571	0
740241	9/13/2023 0:28	9/13/2023 8:42	494	0
1553525	9/13/2023 0:28	9/13/2023 10:00	571	0
1358945	9/13/2023 0:28	9/13/2023 9:47	559	0
315604	9/13/2023 0:28	9/13/2023 10:00	571	0
121748	9/13/2023 0:28	9/13/2023 10:00	571	0
8766703	9/13/2023 0:28	9/13/2023 9:58	570	0
8668965	9/13/2023 0:28	9/13/2023 10:00	571	0
325050	9/13/2023 0:28	9/13/2023 9:38	550	0
346288	9/13/2023 0:28	9/13/2023 9:59	571	0
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8590289	9/13/2023 0:28	9/13/2023 10:00	571	0
1493132	9/13/2023 0:28	9/13/2023 9:16	528	0

378229	9/13/2023 0:28	9/13/2023 10:00	571	0
1520371	9/13/2023 0:28	9/13/2023 10:00	571	0
1343091	9/13/2023 0:28	9/13/2023 10:00	571	0
7879030	9/13/2023 0:28	9/13/2023 10:00	571	0
957615	9/13/2023 0:28	9/13/2023 10:00	571	0
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280935	9/13/2023 0:28	9/13/2023 10:00	571	0
1557188	9/13/2023 0:28	9/13/2023 10:00	571	0
772378	9/13/2023 0:28	9/13/2023 10:00	571	0
345647	9/13/2023 0:28	9/13/2023 9:58	570	0
279780	9/13/2023 0:28	9/13/2023 10:00	571	0
564518	9/13/2023 0:28	9/13/2023 10:00	571	0
51483	9/13/2023 0:28	9/13/2023 9:19	531	0
309961	9/13/2023 0:28	9/13/2023 8:42	494	0
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6714863	9/13/2023 0:28	9/13/2023 10:00	571	0
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954637	9/13/2023 0:28	9/13/2023 10:00	571	0
6992958	9/13/2023 0:28	9/13/2023 10:00	571	0
323657	9/13/2023 0:28	9/13/2023 9:24	536	0
307661	9/13/2023 0:28	9/13/2023 10:00	571	0
1557303	9/13/2023 0:28	9/13/2023 10:00	571	0
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1299402	9/13/2023 0:28	9/13/2023 10:00	571	0
1557100	9/13/2023 0:28	9/13/2023 10:00	571	0
8910809	9/13/2023 0:28	9/13/2023 10:00	571	0
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1356945	9/13/2023 0:28	9/13/2023 10:00	571	0
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8621797	9/13/2023 0:28	9/13/2023 10:00	571	0
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455994	9/13/2023 0:28	9/13/2023 9:47	559	0
817260	9/13/2023 0:28	9/13/2023 10:00	571	0
1251782	9/13/2023 0:28	9/13/2023 10:00	571	0
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1552248	9/13/2023 8:42	9/13/2023 10:00	77	0
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740241	9/13/2023 8:42	9/13/2023 10:00	77	0
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985241	9/13/2023 8:46	9/13/2023 9:57	71	0

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51483	9/13/2023 9:19	9/13/2023 10:00	40	0
323747	9/13/2023 9:21	9/13/2023 10:00	38	0.11
1466638	9/13/2023 9:21	9/13/2023 10:00	38	0
323657	9/13/2023 9:24	9/13/2023 10:00	35	0
1406535	9/13/2023 9:28	9/13/2023 10:00	31	0
980398	9/13/2023 9:29	9/13/2023 10:00	30	0
1430553	9/13/2023 9:32	9/13/2023 10:00	27	0
325050	9/13/2023 9:38	9/13/2023 10:00	21	0
315345	9/13/2023 9:38	9/13/2023 10:00	21	0
315346	9/13/2023 9:38	9/13/2023 10:00	21	0
1247921	9/13/2023 9:40	9/13/2023 10:00	19	0
1362855	9/13/2023 9:41	9/13/2023 10:00	18	0
8104722	9/13/2023 9:41	9/13/2023 10:00	18	0
317233	9/13/2023 9:42	9/13/2023 10:00	17	0
1518241	9/13/2023 9:44	9/13/2023 10:00	15	0
1573666	9/13/2023 9:45	9/13/2023 10:00	14	0
309233	9/13/2023 9:45	9/13/2023 10:00	14	0
1368745	9/13/2023 9:46	9/13/2023 10:00	13	0
455994	9/13/2023 9:47	9/13/2023 10:00	12	0
593366	9/13/2023 9:47	9/13/2023 10:00	12	0
1358945	9/13/2023 9:47	9/13/2023 10:00	12	0
1390184	9/13/2023 9:47	9/13/2023 10:00	12	0
309961	9/13/2023 9:48	9/13/2023 9:59	11	0
793638	9/13/2023 9:53	9/13/2023 10:00	6	0
1309098	9/13/2023 9:56	9/13/2023 10:00	3	0
985241	9/13/2023 9:57	9/13/2023 10:00	2	0
6761269	9/13/2023 9:58	9/13/2023 10:00	1	0
8766703	9/13/2023 9:58	9/13/2023 10:00	1	0
1465391	9/13/2023 9:58	9/13/2023 10:00	1	0
345647	9/13/2023 9:58	9/13/2023 10:00	1	0
346288	9/13/2023 9:59	9/13/2023 10:00	0	0
309961	9/13/2023 9:59	9/13/2023 10:00	0	0
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705447	9/13/2023 10:00	9/14/2023 10:00	1439	0
872542	9/13/2023 10:00	9/14/2023 10:00	1439	0
1545844	9/13/2023 10:00	9/13/2023 20:27	627	0
637185	9/13/2023 10:00	9/14/2023 10:00	1439	0
264186	9/13/2023 10:00	9/14/2023 10:00	1439	0
1247921	9/13/2023 10:00	9/13/2023 14:12	252	0
46184	9/13/2023 10:00	9/14/2023 10:00	1439	0
564357	9/13/2023 10:00	9/14/2023 10:00	1439	0
1390184	9/13/2023 10:00	9/14/2023 0:28	868	0.7
1308096	9/13/2023 10:00	9/14/2023 10:00	1439	0

353728	9/13/2023 10:00	9/14/2023 10:00	1439	0
49209	9/13/2023 10:02	9/13/2023 21:20	678	0
8766703	9/13/2023 10:02	9/13/2023 11:35	93	0
1362855	9/13/2023 10:07	9/13/2023 11:41	94	0.68
1309098	9/13/2023 10:07	9/13/2023 11:46	99	0.03
1552154	9/13/2023 10:07	9/13/2023 21:30	683	0.17
1362130	9/13/2023 10:11	9/13/2023 11:45	94	0
8104722	9/13/2023 10:12	9/13/2023 20:58	646	0
1465391	9/13/2023 10:13	9/13/2023 21:25	672	0.96
317233	9/13/2023 10:13	9/13/2023 14:15	242	0.62
8148103	9/13/2023 10:14	9/13/2023 14:14	240	0.3
315306	9/13/2023 10:14	9/13/2023 14:15	241	0.46
1299402	9/13/2023 10:14	9/13/2023 11:43	89	0
346288	9/13/2023 10:15	9/13/2023 21:27	672	0.44
6761269	9/13/2023 10:15	9/13/2023 21:21	666	0
1406535	9/13/2023 10:15	9/13/2023 11:34	79	0.3
316997	9/13/2023 10:15	9/13/2023 14:16	241	0.88
315345	9/13/2023 10:15	9/13/2023 14:16	241	1.37
315346	9/13/2023 10:15	9/13/2023 14:16	241	0
9075059	9/13/2023 10:16	9/13/2023 14:28	252	0
1518241	9/13/2023 10:16	9/13/2023 11:34	78	0.13
1101945	9/13/2023 10:16	9/13/2023 14:27	251	0.31
1700586	9/13/2023 10:18	9/13/2023 14:19	241	0
7937779	9/13/2023 10:18	9/13/2023 11:37	79	0
345647	9/13/2023 10:18	9/13/2023 21:33	675	0
817260	9/13/2023 10:18	9/13/2023 11:36	78	0
1251782	9/13/2023 10:18	9/13/2023 11:34	76	0
1358945	9/13/2023 10:19	9/13/2023 11:06	47	0
7533405	9/13/2023 10:19	9/13/2023 11:37	78	0.05
1493132	9/13/2023 10:19	9/13/2023 11:32	73	0
1573666	9/13/2023 10:22	9/13/2023 11:36	74	0
309233	9/13/2023 10:23	9/13/2023 20:42	619	0.58
772378	9/13/2023 10:25	9/13/2023 21:26	661	0
309961	9/13/2023 10:25	9/13/2023 11:39	74	0
1430553	9/13/2023 10:25	9/13/2023 11:38	73	0.16
324290	9/13/2023 10:25	9/13/2023 11:28	63	0
1190820	9/13/2023 10:26	9/14/2023 0:28	842	0.39
324045	9/13/2023 10:26	9/13/2023 21:27	661	0
274064	9/13/2023 10:26	9/13/2023 11:40	74	0
8511623	9/13/2023 10:28	9/13/2023 14:14	226	0
325050	9/13/2023 10:28	9/13/2023 11:13	45	0
378229	9/13/2023 10:29	9/13/2023 21:31	662	1.35
511266	9/13/2023 10:29	9/14/2023 0:28	839	0
1433697	9/13/2023 10:29	9/14/2023 10:00	1410.2	0
572882	9/13/2023 10:30	9/13/2023 11:39	69	0.36
954637	9/13/2023 10:31	9/13/2023 21:14	643	0
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510307	9/13/2023 10:33	9/13/2023 21:20	647	0.2
817825	9/13/2023 10:34	9/13/2023 11:37	63	0
1514004	9/13/2023 10:35	9/13/2023 14:20	225	0.08
1368745	9/13/2023 10:35	9/13/2023 11:41	66	0
328570	9/13/2023 10:35	9/13/2023 12:20	105	0
308959	9/13/2023 10:36	9/13/2023 13:37	181	0.52
265473	9/13/2023 10:40	9/13/2023 11:38	58	0
8668965	9/13/2023 10:44	9/13/2023 21:19	635	0
1356945	9/13/2023 10:45	9/13/2023 11:42	57	0
1301093	9/13/2023 10:48	9/13/2023 14:18	210	0.53
1565203	9/13/2023 10:49	9/13/2023 11:47	58	0
1576533	9/13/2023 10:50	9/13/2023 11:32	42	0
321287	9/13/2023 10:51	9/14/2023 0:28	817	1.11
259674	9/13/2023 10:52	9/13/2023 21:22	630	0
587455	9/13/2023 10:53	9/13/2023 16:18	325	0
8068454	9/13/2023 10:54	9/13/2023 14:25	211	0
1553245	9/13/2023 10:54	9/14/2023 0:28	814	0
456099	9/13/2023 10:55	9/13/2023 15:38	283	0
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1320619	9/13/2023 10:56	9/13/2023 12:26	90	0
455629	9/13/2023 10:56	9/13/2023 15:37	281	0
1320646	9/13/2023 10:58	9/14/2023 0:28	810	0.63
8387677	9/13/2023 10:58	9/13/2023 14:12	194	0.41
8910809	9/13/2023 11:00	9/13/2023 14:30	210	0
6995795	9/13/2023 11:00	9/13/2023 14:51	231	0.26
381982	9/13/2023 11:01	9/13/2023 14:32	211	0
583848	9/13/2023 11:01	9/13/2023 21:16	615	0.1
7879030	9/13/2023 11:03	9/13/2023 14:33	210	0
980398	9/13/2023 11:03	9/13/2023 21:08	605	0
8950281	9/13/2023 11:04	9/13/2023 11:19	15	0
1393633	9/13/2023 11:04	9/13/2023 11:30	26	0
51483	9/13/2023 11:05	9/13/2023 11:20	15	0
1358945	9/13/2023 11:06	9/13/2023 11:22	16	0
561757	9/13/2023 11:10	9/13/2023 11:30	20	0
1451744	9/13/2023 11:10	9/13/2023 11:42	32	0.01
6714863	9/13/2023 11:12	9/13/2023 14:15	183	0.05
325050	9/13/2023 11:13	9/13/2023 21:22	609	0
558031	9/13/2023 11:13	9/13/2023 11:29	16	0
806370	9/13/2023 11:15	9/13/2023 11:30	15	0
790670	9/13/2023 11:15	9/13/2023 14:14	179	0.07
8950281	9/13/2023 11:19	9/13/2023 21:23	604	0
51483	9/13/2023 11:20	9/13/2023 21:19	599	0.72
985241	9/13/2023 11:21	9/13/2023 21:09	588	0
303811	9/13/2023 11:21	9/13/2023 13:36	135	0
1358945	9/13/2023 11:22	9/13/2023 14:21	179	0
51957	9/13/2023 11:24	9/13/2023 21:28	604	0
1553525	9/13/2023 11:26	9/14/2023 0:28	782	0

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324290	9/13/2023 11:28	9/13/2023 21:21	593	0.31
1521914	9/13/2023 11:28	9/13/2023 14:15	167	0.52
1521655	9/13/2023 11:28	9/13/2023 14:16	168	0.05
496500	9/13/2023 11:28	9/13/2023 21:16	588	0.06
558031	9/13/2023 11:29	9/13/2023 11:55	26	0.09
561757	9/13/2023 11:30	9/13/2023 11:57	27	0
1393633	9/13/2023 11:30	9/13/2023 12:01	31	0
806370	9/13/2023 11:30	9/13/2023 11:47	17	0
1093833	9/13/2023 11:31	9/13/2023 13:42	131	0.73
1520371	9/13/2023 11:31	9/13/2023 14:15	164	0
1493132	9/13/2023 11:32	9/13/2023 15:34	242	0
1576533	9/13/2023 11:32	9/13/2023 11:48	16	0.05
1518241	9/13/2023 11:34	9/13/2023 12:01	27	0
8621797	9/13/2023 11:34	9/13/2023 12:21	47	0
1251782	9/13/2023 11:34	9/13/2023 15:39	245	0.44
1406535	9/13/2023 11:34	9/13/2023 11:50	16	0.08
8766703	9/13/2023 11:35	9/13/2023 14:48	193	0
817260	9/13/2023 11:36	9/13/2023 15:38	242	0.15
664453	9/13/2023 11:36	9/13/2023 13:48	132	0
1573666	9/13/2023 11:36	9/13/2023 11:51	15	0
7533405	9/13/2023 11:37	9/13/2023 12:21	44	0.05
7937779	9/13/2023 11:37	9/13/2023 21:25	588	0
817825	9/13/2023 11:37	9/13/2023 15:38	241	0
564518	9/13/2023 11:37	9/13/2023 13:42	125	0
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265473	9/13/2023 11:38	9/13/2023 11:53	15	0
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1417279	9/13/2023 11:39	9/13/2023 21:17	578	0.06
572916	9/13/2023 11:40	9/13/2023 11:56	16	0.01
274064	9/13/2023 11:40	9/13/2023 13:30	110	0
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1368745	9/13/2023 11:41	9/13/2023 11:51	10	0
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1299402	9/13/2023 11:43	9/13/2023 11:59	16	0
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806370	9/13/2023 11:47	9/13/2023 12:29	42	0
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1406535	9/13/2023 11:50	9/13/2023 14:01	131	0.39
1704232	9/13/2023 11:51	9/13/2023 21:17	566	0.51
1573666	9/13/2023 11:51	9/13/2023 12:07	16	0

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1299402	9/13/2023 11:59	9/13/2023 14:31	152	0.01
1393633	9/13/2023 12:01	9/14/2023 0:28	747	0
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1573666	9/13/2023 12:07	9/13/2023 13:05	58	0
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1405290	9/13/2023 13:19	9/13/2023 13:34	15	0
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1405290	9/13/2023 13:34	9/13/2023 13:49	15	0
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664453	9/13/2023 13:48	9/13/2023 14:14	26	0
1405290	9/13/2023 13:49	9/13/2023 20:24	395	0.12
852287	9/13/2023 13:52	9/13/2023 13:57	5	0
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315306	9/13/2023 14:15	9/13/2023 15:13	58	0.28
1520371	9/13/2023 14:15	9/13/2023 21:25	430	0
317233	9/13/2023 14:15	9/14/2023 0:28	613	0.03
6714863	9/13/2023 14:15	9/13/2023 15:30	75	0.03
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315345	9/13/2023 14:16	9/14/2023 0:28	612	0
316997	9/13/2023 14:16	9/13/2023 15:14	58	0.07
315346	9/13/2023 14:16	9/13/2023 21:26	430	0
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1358945	9/13/2023 14:21	9/13/2023 14:36	15	0
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8511623	9/13/2023 14:30	9/13/2023 14:46	16	0
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381982	9/13/2023 14:32	9/13/2023 15:14	42	0
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7533405	9/13/2023 14:36	9/13/2023 14:46	10	0.08
1514004	9/13/2023 14:36	9/13/2023 15:08	32	0.08
1358945	9/13/2023 14:36	9/14/2023 0:28	592	0
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455994	9/13/2023 14:42	9/14/2023 0:28	586	0.17
6961293	9/13/2023 14:43	9/13/2023 21:27	404	0
6623421	9/13/2023 14:43	9/13/2023 21:27	404	0

801004	9/13/2023 14:43	9/13/2023 21:25	402	0
1101945	9/13/2023 14:43	9/13/2023 21:17	394	0.21
643072	9/13/2023 14:43	9/14/2023 0:28	585	0
321310	9/13/2023 14:43	9/13/2023 21:22	399	0
1362130	9/13/2023 14:44	9/13/2023 15:26	42	0
1321750	9/13/2023 14:44	9/14/2023 0:28	584	0
1362855	9/13/2023 14:44	9/14/2023 0:28	584	0
1363415	9/13/2023 14:45	9/13/2023 21:18	393	0.26
1309098	9/13/2023 14:45	9/14/2023 0:28	583	0
658177	9/13/2023 14:45	9/14/2023 0:28	583	0
1451744	9/13/2023 14:46	9/13/2023 21:25	399	0.1
8511623	9/13/2023 14:46	9/13/2023 21:24	398	0
664453	9/13/2023 14:46	9/13/2023 16:30	104	0
800600	9/13/2023 14:46	9/14/2023 0:28	582	0.07
7533405	9/13/2023 14:46	9/13/2023 15:07	21	0
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8766703	9/13/2023 14:48	9/13/2023 21:18	390	0
1406535	9/13/2023 14:48	9/13/2023 21:27	399	0.26
9075059	9/13/2023 14:49	9/14/2023 0:28	579	0
1518241	9/13/2023 14:49	9/14/2023 0:28	579	0
6995795	9/13/2023 14:51	9/13/2023 15:17	26	0
8972545	9/13/2023 14:52	9/13/2023 21:20	388	0
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1465703	9/13/2023 14:55	9/13/2023 16:10	75	0
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8734029	9/13/2023 14:59	9/13/2023 21:33	394	0
1434550	9/13/2023 15:02	9/13/2023 21:19	377	0
7533405	9/13/2023 15:07	9/14/2023 1:06	599	0
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1076617	9/13/2023 15:10	9/13/2023 21:28	378	0
315306	9/13/2023 15:13	9/14/2023 0:28	555	0.02
381982	9/13/2023 15:14	9/14/2023 0:28	554	0
8148103	9/13/2023 15:14	9/13/2023 21:29	375	0.29
316997	9/13/2023 15:14	9/13/2023 21:32	378	0.17
380057	9/13/2023 15:15	9/13/2023 21:27	372	0
1700586	9/13/2023 15:17	9/13/2023 21:24	367	0
6995795	9/13/2023 15:17	9/13/2023 21:25	368	0
1093833	9/13/2023 15:17	9/13/2023 21:14	357	0
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8910809	9/13/2023 15:17	9/13/2023 21:09	352	0
7879030	9/13/2023 15:18	9/13/2023 21:33	375	0
1362130	9/13/2023 15:26	9/13/2023 15:42	16	0
790670	9/13/2023 15:27	9/14/2023 0:28	541	0
6714863	9/13/2023 15:30	9/13/2023 21:26	356	0

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1576533	9/13/2023 15:32	9/13/2023 21:29	357	0
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8621797	9/13/2023 15:35	9/13/2023 21:32	357	0
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309265	9/13/2023 15:37	9/14/2023 0:28	531	0
817825	9/13/2023 15:38	9/13/2023 21:19	341	0
456099	9/13/2023 15:38	9/14/2023 10:00	1101	0
817260	9/13/2023 15:38	9/13/2023 21:24	346	0
1220897	9/13/2023 15:39	9/13/2023 21:15	336	0
1251782	9/13/2023 15:39	9/13/2023 21:28	349	0.61
457729	9/13/2023 15:39	9/14/2023 10:00	1100	0
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309944	9/13/2023 15:42	9/13/2023 21:29	347	0
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1417138	9/13/2023 15:43	9/13/2023 21:30	347	0
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9063373	9/13/2023 15:53	9/13/2023 21:34	341	0
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6733217	9/13/2023 16:07	9/13/2023 21:27	320	0
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587455	9/13/2023 16:18	9/13/2023 16:22	4	0
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587455	9/13/2023 16:22	9/14/2023 2:23	601	0
304345	9/13/2023 16:22	9/13/2023 17:20	58	0
1464949	9/13/2023 16:23	9/13/2023 21:32	309	0
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1019446	9/13/2023 16:36	9/13/2023 21:20	284	0
1310926	9/13/2023 16:49	9/13/2023 16:50	1	0
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304345	9/13/2023 17:20	9/13/2023 21:21	241	0
808193	9/13/2023 17:39	9/13/2023 21:17	218	0
806113	9/13/2023 17:41	9/14/2023 0:28	407	0
852287	9/13/2023 20:22	9/14/2023 10:00	817.42	0
1405290	9/13/2023 20:24	9/14/2023 8:59	755	0
308959	9/13/2023 20:27	9/14/2023 7:17	650	0
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8104722	9/13/2023 20:58	9/14/2023 9:23	745	0
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985241	9/13/2023 21:09	9/14/2023 10:00	770	0

740241	9/13/2023 21:09	9/14/2023 8:33	684	0
8910809	9/13/2023 21:09	9/14/2023 10:00	770	0
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583848	9/13/2023 21:16	9/14/2023 10:00	763	0
7607485	9/13/2023 21:17	9/14/2023 10:00	762	0
1417279	9/13/2023 21:17	9/14/2023 10:00	762	0
1299402	9/13/2023 21:17	9/14/2023 10:00	762	0
808193	9/13/2023 21:17	9/14/2023 10:00	762	0
1704232	9/13/2023 21:17	9/14/2023 10:00	762	0
1101945	9/13/2023 21:17	9/14/2023 9:27	730	0
1363415	9/13/2023 21:18	9/14/2023 10:00	761	0
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51483	9/13/2023 21:19	9/14/2023 10:00	760	0
664453	9/13/2023 21:19	9/14/2023 9:56	757	0
1434550	9/13/2023 21:19	9/14/2023 10:00	760	0
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817260	9/13/2023 21:24	9/14/2023 10:00	755	0

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1251782	9/13/2023 21:28	9/14/2023 10:00	751	0
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121748	9/13/2023 21:29	9/14/2023 10:00	750	0
1565203	9/13/2023 21:29	9/14/2023 9:46	737	0
8148103	9/13/2023 21:29	9/14/2023 10:00	750	0
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316997	9/13/2023 21:32	9/14/2023 10:00	747	0
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315345	9/14/2023 0:28	9/14/2023 8:09	461	0
1320646	9/14/2023 0:28	9/14/2023 10:00	571	0
304295	9/14/2023 0:28	9/14/2023 3:17	169	0
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1309098	9/14/2023 0:28	9/14/2023 9:54	566	0
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1362855	9/14/2023 0:28	9/14/2023 9:55	567	0
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455994	9/14/2023 0:28	9/14/2023 10:00	571	0
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315306	9/14/2023 0:28	9/14/2023 10:00	571	0
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9075059	9/14/2023 0:28	9/14/2023 9:25	537	0
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1358945	9/14/2023 0:28	9/14/2023 10:00	571	0
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274064	9/14/2023 0:28	9/14/2023 10:00	571	0
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321287	9/14/2023 0:28	9/14/2023 10:00	571	0
1516739	9/14/2023 0:28	9/14/2023 9:54	566	0
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317233	9/14/2023 0:28	9/14/2023 9:40	552	0
1553245	9/14/2023 0:28	9/14/2023 10:00	571	0
7533405	9/14/2023 1:06	9/14/2023 10:00	533	0
587455	9/14/2023 2:23	9/14/2023 10:00	456	0
304295	9/14/2023 3:17	9/14/2023 3:18	1	0
304295	9/14/2023 3:18	9/14/2023 10:00	401	0
1310926	9/14/2023 3:44	9/14/2023 3:45	1	0

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308959	9/14/2023 7:17	9/14/2023 10:00	162.8	0
315346	9/14/2023 8:08	9/14/2023 9:37	89	0
315345	9/14/2023 8:09	9/14/2023 9:38	89	0
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1511875	9/14/2023 8:15	9/14/2023 10:00	104	0
309961	9/14/2023 8:18	9/14/2023 10:00	101	0
324290	9/14/2023 8:20	9/14/2023 10:00	99	0
740241	9/14/2023 8:33	9/14/2023 8:49	16	0
8511623	9/14/2023 8:41	9/14/2023 10:00	78	0
740241	9/14/2023 8:49	9/14/2023 10:00	70	0
1465391	9/14/2023 8:54	9/14/2023 10:00	65	0
1405290	9/14/2023 8:59	9/14/2023 10:00	61	0
303811	9/14/2023 9:01	9/14/2023 9:31	30	0
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8104722	9/14/2023 9:23	9/14/2023 10:00	36	0
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1599629	9/14/2023 9:28	9/14/2023 10:00	31	0
303811	9/14/2023 9:31	9/14/2023 10:00	28.8	0
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1430838	9/14/2023 9:33	9/14/2023 10:00	26	0
8068454	9/14/2023 9:35	9/14/2023 10:00	24	0
1076617	9/14/2023 9:36	9/14/2023 10:00	23	0
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315346	9/14/2023 9:37	9/14/2023 10:00	22	0
315345	9/14/2023 9:38	9/14/2023 10:00	21	0
317233	9/14/2023 9:40	9/14/2023 10:00	19	0
1565203	9/14/2023 9:46	9/14/2023 10:00	13	0
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1390184	9/14/2023 9:49	9/14/2023 10:00	10	0
1624452	9/14/2023 9:49	9/14/2023 10:00	10	0
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1309098	9/14/2023 9:54	9/14/2023 10:00	5	0
6761269	9/14/2023 9:55	9/14/2023 10:00	4	0
1310926	9/14/2023 9:55	9/14/2023 10:00	4	0
1362855	9/14/2023 9:55	9/14/2023 10:00	4	0
345647	9/14/2023 9:56	9/14/2023 10:00	3	0
8766703	9/14/2023 9:56	9/14/2023 10:00	3	0
664453	9/14/2023 9:56	9/14/2023 10:00	3	0
346288	9/14/2023 9:57	9/14/2023 10:00	2	0

1405290	9/14/2023 10:00	9/14/2023 14:07	247	0.58
1466638	9/14/2023 10:00	9/15/2023 0:28	868	0
264186	9/14/2023 10:00	9/15/2023 10:00	1439	0
564357	9/14/2023 10:00	9/15/2023 10:00	1439	0
328570	9/14/2023 10:00	9/15/2023 0:28	868	0
988262	9/14/2023 10:00	9/15/2023 10:00	1439	0
872542	9/14/2023 10:00	9/15/2023 10:00	1439	0
304295	9/14/2023 10:00	9/14/2023 11:45	105	0
455994	9/14/2023 10:00	9/14/2023 11:32	92	0
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308959	9/14/2023 10:00	9/14/2023 13:47	227	1.18
309233	9/14/2023 10:00	9/14/2023 11:35	95	0.19
1406535	9/14/2023 10:00	9/14/2023 15:03	303	1.14
46184	9/14/2023 10:00	9/15/2023 10:00	1439	0
637185	9/14/2023 10:00	9/15/2023 10:00	1439	0
1355611	9/14/2023 10:00	9/15/2023 0:28	868	0
1308096	9/14/2023 10:00	9/15/2023 10:00	1439	0
705447	9/14/2023 10:00	9/15/2023 10:00	1439	0
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315088	9/14/2023 10:07	9/14/2023 20:11	604	0
8148103	9/14/2023 10:07	9/15/2023 0:28	861	0.93
315346	9/14/2023 10:08	9/15/2023 0:28	860	0.04
1516739	9/14/2023 10:09	9/14/2023 21:30	681	0
316997	9/14/2023 10:09	9/15/2023 0:28	859	0.78
315345	9/14/2023 10:09	9/15/2023 0:28	859	1.05
8104722	9/14/2023 10:10	9/15/2023 0:28	858	0
553863	9/14/2023 10:10	9/14/2023 21:24	674	0
315306	9/14/2023 10:10	9/15/2023 0:28	858	1.15
1309098	9/14/2023 10:10	9/14/2023 14:07	237	2.81
790670	9/14/2023 10:10	9/14/2023 14:10	240	0
1434550	9/14/2023 10:10	9/15/2023 0:28	858	0
8511623	9/14/2023 10:10	9/14/2023 11:40	90	0
1310926	9/14/2023 10:10	9/14/2023 14:10	240	0
317233	9/14/2023 10:11	9/14/2023 21:22	671	0.83
345647	9/14/2023 10:11	9/15/2023 0:28	857	0
6714863	9/14/2023 10:11	9/14/2023 14:10	239	1.03
6761269	9/14/2023 10:11	9/15/2023 0:28	857	0
664453	9/14/2023 10:12	9/14/2023 14:31	259	0
1465391	9/14/2023 10:12	9/15/2023 0:28	856	1.39
740241	9/14/2023 10:12	9/15/2023 0:28	856	0
8766703	9/14/2023 10:12	9/14/2023 11:41	89	0
8734029	9/14/2023 10:13	9/15/2023 0:28	855	0
1432509	9/14/2023 10:13	9/15/2023 0:28	855	0
346288	9/14/2023 10:13	9/15/2023 0:28	855	0.38
1700586	9/14/2023 10:13	9/14/2023 21:25	672	0
1493132	9/14/2023 10:15	9/14/2023 14:27	252	0
957615	9/14/2023 10:15	9/14/2023 21:25	670	0

1358945	9/14/2023 10:17	9/14/2023 21:18	661	0
8950281	9/14/2023 10:17	9/15/2023 0:28	851	0
7937779	9/14/2023 10:17	9/14/2023 14:29	252	0
587455	9/14/2023 10:18	9/15/2023 0:28	850	0
51957	9/14/2023 10:18	9/15/2023 0:28	850	0
1552836	9/14/2023 10:18	9/14/2023 14:35	257	0
309961	9/14/2023 10:19	9/14/2023 11:33	74	0
274064	9/14/2023 10:19	9/15/2023 0:28	849	0
49209	9/14/2023 10:19	9/14/2023 11:33	74	0
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51483	9/14/2023 10:19	9/15/2023 0:28	849	1.29
1553245	9/14/2023 10:19	9/14/2023 21:15	656	0
561672	9/14/2023 10:19	9/14/2023 14:31	252	0
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1390184	9/14/2023 10:20	9/14/2023 21:25	665	1.37
1552693	9/14/2023 10:21	9/14/2023 14:34	253	0
324290	9/14/2023 10:21	9/15/2023 0:28	847	0.08
496500	9/14/2023 10:22	9/14/2023 11:35	73	0
9075059	9/14/2023 10:22	9/14/2023 11:41	79	0
325050	9/14/2023 10:22	9/15/2023 0:28	846	0.04
561757	9/14/2023 10:23	9/15/2023 10:00	1416	0
324045	9/14/2023 10:23	9/15/2023 0:28	845	0
772378	9/14/2023 10:23	9/14/2023 11:37	74	0
507365	9/14/2023 10:23	9/14/2023 14:09	226	0
1101945	9/14/2023 10:24	9/14/2023 11:38	74	0.35
511266	9/14/2023 10:24	9/14/2023 14:10	226	0
791510	9/14/2023 10:25	9/14/2023 14:11	226	0
1552154	9/14/2023 10:25	9/15/2023 0:28	843	0.33
1190820	9/14/2023 10:25	9/14/2023 11:40	75	0.04
1299402	9/14/2023 10:25	9/14/2023 14:11	226	0
510307	9/14/2023 10:25	9/14/2023 14:10	225	0
1576533	9/14/2023 10:28	9/14/2023 11:42	74	0.08
378229	9/14/2023 10:28	9/15/2023 0:28	840	0.31
7533405	9/14/2023 10:28	9/14/2023 11:15	47	0.06
954637	9/14/2023 10:29	9/15/2023 0:28	839	0
817260	9/14/2023 10:29	9/14/2023 14:31	242	0
1433697	9/14/2023 10:29	9/14/2023 14:23	234	0.21
1251782	9/14/2023 10:32	9/14/2023 14:32	240	3.37
1514004	9/14/2023 10:32	9/14/2023 14:34	242	0.68
817825	9/14/2023 10:33	9/14/2023 14:34	241	0
1430838	9/14/2023 10:33	9/14/2023 15:25	292	0
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572916	9/14/2023 10:35	9/15/2023 0:28	833	0.51
1430553	9/14/2023 10:35	9/15/2023 0:28	833	2.94
323747	9/14/2023 10:37	9/14/2023 20:38	601	1.73
793690	9/14/2023 10:39	9/14/2023 14:09	210	0
323657	9/14/2023 10:39	9/15/2023 0:28	829	1.8

1451744	9/14/2023 10:41	9/14/2023 11:07	26	0
793638	9/14/2023 10:42	9/14/2023 14:12	210	1.5
5873632	9/14/2023 10:42	9/14/2023 11:50	68	0.05
259674	9/14/2023 10:43	9/14/2023 14:44	241	0
1513240	9/14/2023 10:44	9/14/2023 14:30	226	0.5
1565203	9/14/2023 10:44	9/15/2023 0:28	824	1.61
8668965	9/14/2023 10:50	9/14/2023 14:09	199	0
800600	9/14/2023 10:52	9/14/2023 20:57	605	0
801004	9/14/2023 10:54	9/14/2023 20:56	602	0
1320646	9/14/2023 10:55	9/14/2023 11:52	57	0
1320619	9/14/2023 10:55	9/14/2023 11:52	57	0
1093833	9/14/2023 10:55	9/14/2023 14:25	210	0
1301093	9/14/2023 10:58	9/15/2023 0:28	810	0.72
1526024	9/14/2023 10:59	9/14/2023 14:28	209	0
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321287	9/14/2023 11:00	9/14/2023 20:32	572	1.76
353651	9/14/2023 11:01	9/14/2023 14:16	195	0
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6992958	9/14/2023 11:05	9/14/2023 14:24	199	0.02
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7533405	9/14/2023 11:15	9/14/2023 11:26	11	0
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7533405	9/14/2023 11:26	9/14/2023 11:41	15	0
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455994	9/14/2023 11:32	9/14/2023 14:52	200	0.21
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9075059	9/14/2023 11:41	9/14/2023 11:52	11	0
8766703	9/14/2023 11:41	9/14/2023 14:29	168	0
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1393633	9/14/2023 11:46	9/14/2023 11:57	11	0
1557303	9/14/2023 11:46	9/14/2023 12:02	16	0
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1559600	9/14/2023 11:48	9/15/2023 0:28	760	0
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1553145	9/14/2023 11:48	9/15/2023 0:28	760	0
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1539391	9/14/2023 11:50	9/14/2023 13:20	90	0.35
1557100	9/14/2023 11:50	9/14/2023 12:06	16	0
1538577	9/14/2023 11:50	9/14/2023 13:20	90	0.02
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1552248	9/14/2023 11:50	9/14/2023 21:26	576	0.5
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1559119	9/14/2023 11:54	9/15/2023 0:28	754	0.19
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1451744	9/14/2023 11:55	9/14/2023 13:55	120	0.21
1524033	9/14/2023 11:56	9/14/2023 12:12	16	0.01
1393633	9/14/2023 11:57	9/14/2023 12:12	15	0
1576533	9/14/2023 11:58	9/14/2023 12:13	15	0
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619266	9/14/2023 12:04	9/15/2023 10:00	1315	0
1554218	9/14/2023 12:04	9/14/2023 12:35	31	0

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1557188	9/14/2023 12:06	9/14/2023 12:33	27	0
9075059	9/14/2023 12:07	9/14/2023 16:37	270	0
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1320619	9/14/2023 12:08	9/14/2023 12:55	47	0
1101945	9/14/2023 12:09	9/14/2023 16:37	268	0.03
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1511532	9/14/2023 12:52	9/14/2023 14:10	78	0.01
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1320619	9/14/2023 12:55	9/14/2023 14:41	106	0
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7533405	9/14/2023 13:42	9/14/2023 14:14	32	0.04
1368745	9/14/2023 13:43	9/14/2023 15:44	121	0
304295	9/14/2023 13:45	9/14/2023 14:16	31	0.02
303811	9/14/2023 13:46	9/14/2023 15:43	117	0
308959	9/14/2023 13:47	9/14/2023 14:32	45	0.47
1451744	9/14/2023 13:55	9/14/2023 14:11	16	0.09
8206792	9/14/2023 13:57	9/15/2023 10:00	1202	0
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7879030	9/14/2023 14:11	9/14/2023 14:26	15	0
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8511623	9/14/2023 14:12	9/14/2023 14:23	11	0
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6995795	9/14/2023 14:13	9/14/2023 14:28	15	0
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1356945	9/14/2023 14:25	9/14/2023 14:37	12	0
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1431804	9/14/2023 14:34	9/14/2023 15:38	64	0
1076617	9/14/2023 14:35	9/14/2023 21:30	415	0
1552836	9/14/2023 14:35	9/15/2023 0:28	593	0
1362130	9/14/2023 14:36	9/14/2023 14:52	16	0
1704326	9/14/2023 14:37	9/15/2023 0:28	591	0
121748	9/14/2023 14:37	9/15/2023 0:28	591	0.28
1681747	9/14/2023 14:37	9/15/2023 0:28	591	0
1552977	9/14/2023 14:37	9/15/2023 0:28	591	0
1356945	9/14/2023 14:37	9/15/2023 0:28	591	0
790670	9/14/2023 14:37	9/14/2023 14:52	15	0
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1362855	9/14/2023 14:39	9/14/2023 21:19	400	0
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793690	9/14/2023 14:40	9/14/2023 15:27	47	0
381982	9/14/2023 14:40	9/15/2023 0:28	588	0
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496500	9/14/2023 14:40	9/15/2023 0:28	588	0
6995795	9/14/2023 14:40	9/15/2023 0:28	588	0
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7879030	9/14/2023 14:41	9/15/2023 0:28	587	0
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8910809	9/14/2023 14:43	9/14/2023 21:23	400	0
1573666	9/14/2023 14:43	9/15/2023 0:28	585	0
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7937779	9/14/2023 14:44	9/15/2023 0:28	584	0

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1251782	9/14/2023 14:47	9/15/2023 0:28	581	0.3
664453	9/14/2023 14:47	9/14/2023 15:45	58	0
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817260	9/14/2023 14:47	9/15/2023 0:28	581	0.14
309961	9/14/2023 14:47	9/15/2023 0:28	581	0
330528	9/14/2023 14:47	9/15/2023 0:28	581	0
49209	9/14/2023 14:47	9/15/2023 0:28	581	0
658177	9/14/2023 14:47	9/14/2023 21:17	390	0
817825	9/14/2023 14:49	9/14/2023 21:19	390	0
455994	9/14/2023 14:52	9/14/2023 21:30	398	0.15
790670	9/14/2023 14:52	9/14/2023 21:17	385	0
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8766703	9/14/2023 14:59	9/14/2023 21:19	380	0
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6714863	9/14/2023 15:25	9/15/2023 0:28	543	0
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791510	9/14/2023 15:55	9/14/2023 15:56	1	0
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1310926	9/14/2023 16:28	9/14/2023 16:29	1	0

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664453	9/14/2023 16:31	9/15/2023 0:28	477	0
308959	9/14/2023 16:36	9/14/2023 16:37	1	0
1362130	9/14/2023 16:37	9/14/2023 21:18	281	0
1101945	9/14/2023 16:37	9/14/2023 21:20	283	0
308959	9/14/2023 16:37	9/14/2023 20:26	229	0
9075059	9/14/2023 16:37	9/14/2023 21:23	286	0
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315088	9/14/2023 20:11	9/15/2023 9:57	826	0
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8766703	9/14/2023 21:19	9/15/2023 9:57	758	0
1309098	9/14/2023 21:19	9/15/2023 9:52	753	0
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1393633	9/14/2023 21:22	9/15/2023 10:00	757	0
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6995795	9/15/2023 0:28	9/15/2023 10:00	571	0
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8590289	9/15/2023 0:28	9/15/2023 10:00	571	0
587455	9/15/2023 0:28	9/15/2023 10:00	571	0
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345647	9/15/2023 0:28	9/15/2023 10:00	571	0
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328570	9/15/2023 0:28	9/15/2023 10:00	571	0
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330528	9/15/2023 0:28	9/15/2023 10:00	571	0
8950281	9/15/2023 0:28	9/15/2023 10:00	571	0
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1405290	9/15/2023 3:37	9/15/2023 3:38	1	0

1405290	9/15/2023 3:38	9/15/2023 8:27	289	0
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1430838	9/15/2023 4:19	9/15/2023 4:20	1	0
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791510	9/15/2023 4:20	9/15/2023 10:00	339	0
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304295	9/15/2023 4:36	9/15/2023 4:37	1	0
304295	9/15/2023 4:37	9/15/2023 9:27	290	0
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308959	9/15/2023 7:04	9/15/2023 10:00	175.8	0
1511875	9/15/2023 8:00	9/15/2023 10:00	119	0
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324290	9/15/2023 8:21	9/15/2023 10:00	98	0
315346	9/15/2023 8:22	9/15/2023 10:00	97	0
317233	9/15/2023 8:23	9/15/2023 10:00	96	0
315345	9/15/2023 8:24	9/15/2023 10:00	95	0
1405290	9/15/2023 8:27	9/15/2023 10:00	93	0
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552598	9/15/2023 8:52	9/15/2023 9:12	20	0
1465391	9/15/2023 8:53	9/15/2023 10:00	66	0
1681747	9/15/2023 9:06	9/15/2023 10:00	53	0
325050	9/15/2023 9:06	9/15/2023 10:00	53	0
6992958	9/15/2023 9:07	9/15/2023 10:00	52	0
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9993140	9/15/2023 9:09	9/15/2023 10:00	50	0
9075059	9/15/2023 9:11	9/15/2023 10:00	48	0
1101945	9/15/2023 9:11	9/15/2023 10:00	48	0
552598	9/15/2023 9:12	9/15/2023 10:00	47.15	0
323657	9/15/2023 9:20	9/15/2023 10:00	39	0
854579	9/15/2023 9:21	9/15/2023 10:00	38	0
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859747	9/15/2023 9:23	9/15/2023 10:00	36	0
8104722	9/15/2023 9:24	9/15/2023 10:00	35	0
860281	9/15/2023 9:24	9/15/2023 10:00	35	0
323747	9/15/2023 9:25	9/15/2023 10:00	34	0
1406535	9/15/2023 9:27	9/15/2023 10:00	32	0
304295	9/15/2023 9:27	9/15/2023 10:00	32	0
980398	9/15/2023 9:29	9/15/2023 10:00	30	0

1430553	9/15/2023 9:32	9/15/2023 10:00	27	0
1430838	9/15/2023 9:34	9/15/2023 10:00	25	0
1417138	9/15/2023 9:35	9/15/2023 10:00	24	0
1624452	9/15/2023 9:38	9/15/2023 10:00	21	0
1378141	9/15/2023 9:40	9/15/2023 10:00	19	0
1390184	9/15/2023 9:47	9/15/2023 10:00	12	0
1358945	9/15/2023 9:47	9/15/2023 10:00	12	0
1309098	9/15/2023 9:52	9/15/2023 10:00	7	0
793638	9/15/2023 9:53	9/15/2023 10:00	6	0.19
564518	9/15/2023 9:54	9/15/2023 10:00	5	0
1310926	9/15/2023 9:54	9/15/2023 10:00	5	0
1093833	9/15/2023 9:56	9/15/2023 10:00	3	0
8766703	9/15/2023 9:57	9/15/2023 10:00	2	0
315088	9/15/2023 9:57	9/15/2023 10:00	2	0
303811	9/15/2023 10:00	9/15/2023 13:32	212	0
705447	9/15/2023 10:00	9/16/2023 10:00	1439	0
872542	9/15/2023 10:00	9/16/2023 10:00	1439	0
264186	9/15/2023 10:00	9/16/2023 10:00	1439	0
587455	9/15/2023 10:00	9/15/2023 13:02	182	0
1390184	9/15/2023 10:00	9/15/2023 21:22	682	0
1308096	9/15/2023 10:00	9/16/2023 10:00	1439	0
1405290	9/15/2023 10:00	9/15/2023 13:57	237	0
564357	9/15/2023 10:00	9/16/2023 10:00	1439	0
854579	9/15/2023 10:00	9/15/2023 11:49	109	0
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860281	9/15/2023 10:00	9/15/2023 11:35	95	0
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637185	9/15/2023 10:00	9/16/2023 10:00	1439	0
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8950281	9/15/2023 10:00	9/15/2023 11:34	94	0
793638	9/15/2023 10:00	9/15/2023 11:37	97	1.31
308959	9/15/2023 10:00	9/15/2023 20:26	626	0
46184	9/15/2023 10:00	9/16/2023 10:00	1439	0
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988262	9/15/2023 10:00	9/16/2023 10:00	1439	0
572882	9/15/2023 10:01	9/15/2023 21:22	681	1.07
1363415	9/15/2023 10:01	9/16/2023 10:00	1438	0
854585	9/15/2023 10:03	9/15/2023 11:49	106	0
558031	9/15/2023 10:07	9/15/2023 11:36	89	0
316997	9/15/2023 10:07	9/15/2023 21:31	684	0.09
553863	9/15/2023 10:07	9/16/2023 0:28	861	0
1309098	9/15/2023 10:07	9/15/2023 21:13	666	3.57
496500	9/15/2023 10:07	9/15/2023 11:39	92	0
315346	9/15/2023 10:07	9/16/2023 0:28	861	0
664453	9/15/2023 10:08	9/15/2023 21:17	669	0
8148103	9/15/2023 10:08	9/16/2023 0:28	860	0.1

317233	9/15/2023 10:09	9/15/2023 21:07	658	0.72
9075059	9/15/2023 10:09	9/15/2023 11:38	89	0
1101945	9/15/2023 10:09	9/15/2023 11:38	89	0.01
315345	9/15/2023 10:09	9/15/2023 20:14	605	0.98
564518	9/15/2023 10:09	9/16/2023 0:28	859	0
1310926	9/15/2023 10:09	9/16/2023 0:28	859	0
6761269	9/15/2023 10:09	9/15/2023 21:23	674	0
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1358945	9/15/2023 11:32	9/15/2023 11:59	27	0
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8950281	9/15/2023 11:34	9/15/2023 15:04	210	0
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511266	9/15/2023 11:37	9/15/2023 12:08	31	0
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1101945	9/15/2023 11:38	9/15/2023 11:54	16	0.21
1451744	9/15/2023 11:38	9/15/2023 12:41	63	0.95
8590289	9/15/2023 11:38	9/15/2023 12:09	31	0
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1508563	9/15/2023 11:38	9/15/2023 11:54	16	0
506261	9/15/2023 11:38	9/15/2023 12:51	73	0.28
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496500	9/15/2023 11:39	9/15/2023 11:55	16	0
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790670	9/15/2023 11:53	9/15/2023 12:09	16	0
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793638	9/15/2023 11:53	9/15/2023 12:10	17	0.04
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1681747	9/15/2023 11:54	9/15/2023 12:09	15	0
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772378	9/15/2023 11:55	9/15/2023 12:06	11	0
496500	9/15/2023 11:55	9/15/2023 12:05	10	0
6992958	9/15/2023 11:55	9/15/2023 12:10	15	0
1247921	9/15/2023 11:57	9/16/2023 10:00	1322	0
1393633	9/15/2023 11:59	9/15/2023 12:46	47	0
1358945	9/15/2023 11:59	9/15/2023 15:44	225	0
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1526024	9/15/2023 12:03	9/15/2023 13:17	74	0
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852071	9/15/2023 12:05	9/15/2023 12:20	15	0
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772378	9/15/2023 12:06	9/15/2023 14:23	137	0

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8590289	9/15/2023 12:09	9/15/2023 12:51	42	0
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793638	9/15/2023 12:10	9/15/2023 14:10	120	0.3
6992958	9/15/2023 12:10	9/15/2023 14:21	131	0.21
8668965	9/15/2023 12:11	9/15/2023 12:53	42	0
6714863	9/15/2023 12:11	9/15/2023 14:11	120	0.39
507365	9/15/2023 12:11	9/15/2023 12:53	42	0
791510	9/15/2023 12:12	9/15/2023 14:12	120	0.07
808829	9/15/2023 12:16	9/16/2023 10:00	1303	0
854579	9/15/2023 12:20	9/15/2023 14:21	121	0
852071	9/15/2023 12:20	9/15/2023 13:33	73	0
854585	9/15/2023 12:20	9/15/2023 12:44	24	0
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8206792	9/15/2023 12:38	9/16/2023 10:00	1281	0
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1451744	9/15/2023 12:41	9/15/2023 13:54	73	0.11
854585	9/15/2023 12:44	9/15/2023 16:08	204	0
1393633	9/15/2023 12:46	9/15/2023 14:00	74	0
7533405	9/15/2023 12:49	9/15/2023 14:29	100	0
506261	9/15/2023 12:51	9/15/2023 14:27	96	0.04
8590289	9/15/2023 12:51	9/15/2023 14:52	121	0
8668965	9/15/2023 12:53	9/16/2023 10:00	1266	0
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1527339	9/15/2023 13:16	9/15/2023 14:14	58	0

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1393633	9/15/2023 14:00	9/15/2023 14:16	16	0
587455	9/15/2023 14:02	9/15/2023 14:17	15	0
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8972545	9/15/2023 14:03	9/15/2023 14:19	16	0
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569554	9/15/2023 14:09	9/15/2023 15:22	73	0
793690	9/15/2023 14:09	9/16/2023 0:28	619	0
1451744	9/15/2023 14:10	9/15/2023 14:57	47	0.02
1511532	9/15/2023 14:10	9/15/2023 14:26	16	0
1432509	9/15/2023 14:10	9/15/2023 14:26	16	0
790670	9/15/2023 14:10	9/16/2023 0:28	618	0
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1508563	9/15/2023 14:11	9/15/2023 14:26	15	0
1573666	9/15/2023 14:12	9/15/2023 14:28	16	0
791510	9/15/2023 14:12	9/15/2023 14:23	11	0
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8734029	9/15/2023 14:14	9/15/2023 14:24	10	0
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587455	9/15/2023 14:17	9/15/2023 14:33	16	0
1417138	9/15/2023 14:19	9/15/2023 14:36	17	0
8972545	9/15/2023 14:19	9/15/2023 15:22	63	0
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496500	9/15/2023 14:21	9/15/2023 14:38	17	0
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6992958	9/15/2023 14:21	9/15/2023 14:38	17	0.03
8909293	9/15/2023 14:22	9/15/2023 14:37	15	0

1362855	9/15/2023 14:22	9/15/2023 15:25	63	0
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507365	9/15/2023 14:22	9/15/2023 14:38	16	0
859747	9/15/2023 14:22	9/15/2023 15:09	47	0
860281	9/15/2023 14:22	9/15/2023 15:05	43	0
791510	9/15/2023 14:23	9/15/2023 14:38	15	0.06
1356945	9/15/2023 14:23	9/15/2023 15:27	64	0
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8734029	9/15/2023 14:24	9/15/2023 14:41	17	0
1681747	9/15/2023 14:25	9/15/2023 14:42	17	0
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793638	9/15/2023 14:26	9/15/2023 14:41	15	0
9075059	9/15/2023 14:26	9/15/2023 14:42	16	0
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1432509	9/15/2023 14:26	9/15/2023 14:41	15	0
1508563	9/15/2023 14:26	9/15/2023 14:37	11	0
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506261	9/15/2023 14:27	9/15/2023 14:53	26	0
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8766703	9/15/2023 14:30	9/15/2023 14:49	19	0
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1395587	9/15/2023 14:32	9/15/2023 14:48	16	0
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1681747	9/15/2023 14:42	9/15/2023 21:24	402	0
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1101945	9/15/2023 14:42	9/16/2023 0:28	586	0
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817825	9/15/2023 14:48	9/16/2023 0:28	580	0
449036	9/15/2023 14:48	9/16/2023 0:28	580	0
587455	9/15/2023 14:48	9/15/2023 21:21	393	0
1395587	9/15/2023 14:48	9/16/2023 0:28	580	0
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571420	9/15/2023 14:57	9/15/2023 15:13	16	0
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8621797	9/15/2023 15:13	9/16/2023 0:28	555	0
1573666	9/15/2023 15:15	9/16/2023 0:28	553	0
1406980	9/15/2023 15:16	9/16/2023 0:28	552	0
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8972545	9/15/2023 15:22	9/16/2023 0:28	546	0
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1362855	9/15/2023 15:25	9/15/2023 21:17	352	0
1356945	9/15/2023 15:27	9/15/2023 21:13	346	0
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304295	9/15/2023 18:19	9/16/2023 0:28	369	0
315345	9/15/2023 20:14	9/16/2023 9:38	804	0
1405290	9/15/2023 20:25	9/16/2023 10:00	815	0
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954332	9/15/2023 21:07	9/16/2023 10:00	772	0

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1433697	9/15/2023 21:09	9/15/2023 21:29	20	0
569420	9/15/2023 21:11	9/16/2023 10:00	768	0
793638	9/15/2023 21:12	9/16/2023 9:54	762	0.02
572916	9/15/2023 21:12	9/16/2023 10:00	767	0
1356945	9/15/2023 21:13	9/16/2023 10:00	766	0
1309098	9/15/2023 21:13	9/16/2023 9:55	762	0
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1553245	9/15/2023 21:14	9/16/2023 10:00	765	0
1393633	9/15/2023 21:14	9/16/2023 9:45	751	0
664453	9/15/2023 21:17	9/16/2023 10:00	762	0
1362855	9/15/2023 21:17	9/16/2023 10:00	762	0
860281	9/15/2023 21:17	9/16/2023 9:22	725	0
1093833	9/15/2023 21:18	9/16/2023 10:00	761	0
1704326	9/15/2023 21:18	9/16/2023 10:00	761	0
1358945	9/15/2023 21:18	9/16/2023 10:00	761	0
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1190820	9/15/2023 21:19	9/16/2023 10:00	760	0
304345	9/15/2023 21:20	9/16/2023 10:00	759	0
817260	9/15/2023 21:21	9/16/2023 10:00	758	0
587455	9/15/2023 21:21	9/16/2023 10:00	758	0
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1433697	9/15/2023 21:29	9/15/2023 22:09	40	0
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6503956	9/16/2023 0:28	9/16/2023 10:00	571	0
980398	9/16/2023 0:28	9/16/2023 9:32	544	0
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51483	9/16/2023 0:28	9/16/2023 9:18	530	0
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859747	9/16/2023 0:28	9/16/2023 9:23	535	0
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324045	9/16/2023 0:28	9/16/2023 10:00	571	0
8766703	9/16/2023 0:28	9/16/2023 9:57	569	0
1434550	9/16/2023 0:28	9/16/2023 10:00	571	0
378229	9/16/2023 0:28	9/16/2023 10:00	571	0
1432509	9/16/2023 0:28	9/16/2023 10:00	571	0
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8972545	9/16/2023 0:28	9/16/2023 10:00	571	0
8910809	9/16/2023 0:28	9/16/2023 10:00	571	0
121748	9/16/2023 0:28	9/16/2023 10:00	571	0
6992958	9/16/2023 0:28	9/16/2023 10:00	571	0
304295	9/16/2023 0:28	9/16/2023 10:00	571	0
1700586	9/16/2023 0:28	9/16/2023 10:00	571	0
658177	9/16/2023 0:28	9/16/2023 10:00	571	0
1430553	9/16/2023 0:28	9/16/2023 9:34	546	0
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1406980	9/16/2023 0:28	9/16/2023 10:00	571	0
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315346	9/16/2023 0:28	9/16/2023 9:39	551	0
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772378	9/16/2023 0:28	9/16/2023 10:00	571	0
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793690	9/16/2023 0:28	9/16/2023 10:00	571	0
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1508563	9/16/2023 0:28	9/16/2023 10:00	571	0
8621797	9/16/2023 0:28	9/16/2023 10:00	571	0
1565203	9/16/2023 0:28	9/16/2023 8:12	464	0
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8950281	9/16/2023 0:28	9/16/2023 9:20	532	0
9075059	9/16/2023 0:28	9/16/2023 9:11	523	0
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345647	9/16/2023 0:28	9/16/2023 10:00	571	0
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1368745	9/16/2023 0:28	9/16/2023 10:00	571	0
1451744	9/16/2023 0:28	9/16/2023 10:00	571	0
8909293	9/16/2023 0:28	9/16/2023 10:00	571	0
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985241	9/16/2023 0:28	9/16/2023 8:04	456	0
1430838	9/16/2023 0:28	9/16/2023 9:34	546	0

549617	9/16/2023 0:28	9/16/2023 10:00	571	0
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1421188	9/16/2023 0:30	9/16/2023 10:00	569	0
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324290	9/16/2023 8:21	9/16/2023 10:00	98	0
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315345	9/16/2023 9:38	9/16/2023 10:00	21	0
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793638	9/16/2023 9:54	9/16/2023 10:00	5	0.17
506261	9/16/2023 9:54	9/16/2023 10:00	5	0

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859747	9/16/2023 10:00	9/16/2023 11:34	94	0
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1417138	9/16/2023 10:00	9/16/2023 20:04	604	0
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705447	9/16/2023 10:00	9/17/2023 10:00	1439	0
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637185	9/16/2023 10:00	9/17/2023 10:00	1439	0
308959	9/16/2023 10:00	9/16/2023 20:18	618	0
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1321605	9/16/2023 10:08	9/17/2023 0:28	860	0
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317233	9/16/2023 10:10	9/17/2023 0:28	858	0.53
315345	9/16/2023 10:10	9/16/2023 21:16	666	0
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8104722	9/16/2023 10:10	9/16/2023 21:17	667	0
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506261	9/16/2023 10:10	9/16/2023 11:39	89	0
315346	9/16/2023 10:10	9/16/2023 21:15	665	0
793638	9/16/2023 10:10	9/16/2023 21:12	662	0.31
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1565203	9/16/2023 10:12	9/16/2023 21:23	671	0
316997	9/16/2023 10:12	9/16/2023 21:23	671	0.02
2032900	9/16/2023 10:12	9/17/2023 0:28	856	0
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985241	9/16/2023 10:20	9/16/2023 21:06	646	0
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511266	9/16/2023 10:25	9/16/2023 11:38	73	0
791510	9/16/2023 10:25	9/16/2023 21:16	651	0.37
954332	9/16/2023 10:25	9/16/2023 21:06	641	0
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378229	9/16/2023 10:28	9/16/2023 21:24	656	0
1527339	9/16/2023 10:28	9/16/2023 14:14	226	0
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817825	9/16/2023 10:33	9/17/2023 0:28	835	0
324045	9/16/2023 10:36	9/16/2023 20:51	615	0
8668965	9/16/2023 10:37	9/16/2023 11:39	62	0
1320619	9/16/2023 10:37	9/16/2023 19:14	517	0
793690	9/16/2023 10:37	9/16/2023 21:18	641	0
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304295	9/16/2023 10:45	9/17/2023 0:28	823	0
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274064	9/16/2023 10:50	9/16/2023 21:14	624	0
489481	9/16/2023 10:51	9/16/2023 14:21	210	0
309265	9/16/2023 10:51	9/16/2023 11:37	46	0
323747	9/16/2023 10:51	9/17/2023 0:28	817	0.96
309944	9/16/2023 10:52	9/16/2023 11:34	42	0.02
323657	9/16/2023 10:53	9/16/2023 20:57	604	0.09
569554	9/16/2023 10:53	9/16/2023 11:09	16	0
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308032	9/16/2023 11:00	9/16/2023 11:36	36	0.02
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1431804	9/16/2023 11:04	9/17/2023 0:28	804	0
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1465703	9/16/2023 11:07	9/17/2023 0:28	801	0
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1517747	9/16/2023 11:07	9/16/2023 11:24	17	0
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8590289	9/16/2023 11:08	9/16/2023 11:40	32	0
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8068454	9/16/2023 11:08	9/16/2023 11:50	42	0.44
321310	9/16/2023 11:09	9/17/2023 0:28	799	0
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1466638	9/16/2023 11:09	9/16/2023 16:56	347	0
317126	9/16/2023 11:11	9/17/2023 0:28	797	0
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315752	9/16/2023 11:23	9/16/2023 21:16	593	0
1356945	9/16/2023 11:24	9/16/2023 11:39	15	0
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313954	9/16/2023 11:25	9/17/2023 0:28	783	0
500322	9/16/2023 11:25	9/16/2023 11:41	16	0
656628	9/16/2023 11:25	9/16/2023 11:56	31	0.14
500145	9/16/2023 11:25	9/16/2023 11:41	16	0
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859747	9/16/2023 11:34	9/16/2023 14:22	168	0
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449036	9/16/2023 11:35	9/16/2023 11:51	16	0.05
455994	9/16/2023 11:35	9/16/2023 11:50	15	0
308032	9/16/2023 11:36	9/16/2023 11:52	16	0.21
9075059	9/16/2023 11:37	9/16/2023 11:53	16	0
309265	9/16/2023 11:37	9/16/2023 11:53	16	0
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510307	9/16/2023 11:38	9/16/2023 13:55	137	0
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507365	9/16/2023 11:39	9/16/2023 13:55	136	0
506261	9/16/2023 11:39	9/16/2023 21:16	577	0
860281	9/16/2023 11:39	9/16/2023 14:22	163	0
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8668965	9/16/2023 11:39	9/16/2023 13:56	137	0
1451744	9/16/2023 11:40	9/16/2023 12:53	73	0.9
1465391	9/16/2023 11:40	9/16/2023 11:56	16	0
8590289	9/16/2023 11:40	9/16/2023 13:56	136	0
1101945	9/16/2023 11:40	9/16/2023 11:56	16	0.21
1493132	9/16/2023 11:41	9/16/2023 12:13	32	0
772378	9/16/2023 11:41	9/16/2023 11:52	11	0
500322	9/16/2023 11:41	9/16/2023 13:52	131	0
500145	9/16/2023 11:41	9/16/2023 13:57	136	0
1362130	9/16/2023 11:41	9/16/2023 14:39	178	0
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587455	9/16/2023 11:46	9/16/2023 14:31	165	0
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501613	9/16/2023 11:49	9/16/2023 12:06	17	0
455994	9/16/2023 11:50	9/16/2023 12:06	16	0
8068454	9/16/2023 11:50	9/16/2023 12:06	16	0.01
449036	9/16/2023 11:51	9/16/2023 14:34	163	0.1

1517291	9/16/2023 11:52	9/16/2023 21:29	577	0
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308032	9/16/2023 11:52	9/16/2023 12:03	11	0.11
9075059	9/16/2023 11:53	9/16/2023 12:40	47	0
309265	9/16/2023 11:53	9/16/2023 12:03	10	0
664453	9/16/2023 11:54	9/16/2023 12:09	15	0
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1517239	9/16/2023 11:55	9/17/2023 0:28	753	0
1518000	9/16/2023 11:55	9/16/2023 14:23	148	0
1101945	9/16/2023 11:56	9/16/2023 12:38	42	0.21
656628	9/16/2023 11:56	9/16/2023 12:12	16	0.01
1465391	9/16/2023 11:56	9/16/2023 12:12	16	0
309265	9/16/2023 12:03	9/16/2023 14:04	121	0
457729	9/16/2023 12:03	9/16/2023 14:35	152	0
308032	9/16/2023 12:03	9/16/2023 14:03	120	0.15
309944	9/16/2023 12:05	9/16/2023 14:06	121	0.2
455629	9/16/2023 12:06	9/16/2023 14:33	147	0
8068454	9/16/2023 12:06	9/16/2023 13:08	62	0.22
501613	9/16/2023 12:06	9/16/2023 13:09	63	0
455994	9/16/2023 12:06	9/16/2023 13:20	74	0.01
456099	9/16/2023 12:07	9/16/2023 14:34	147	0
772378	9/16/2023 12:07	9/16/2023 14:24	137	0
1190820	9/16/2023 12:09	9/16/2023 14:24	135	0
664453	9/16/2023 12:09	9/16/2023 14:10	121	0
1433697	9/16/2023 12:12	9/16/2023 12:29	17	0
1465391	9/16/2023 12:12	9/16/2023 14:12	120	0
656628	9/16/2023 12:12	9/17/2023 0:28	736	0.25
1493132	9/16/2023 12:13	9/16/2023 12:55	42	0
1433697	9/16/2023 12:29	9/16/2023 13:12	43	0
1101945	9/16/2023 12:38	9/16/2023 13:04	26	0.02
9075059	9/16/2023 12:40	9/16/2023 13:01	21	0
1451744	9/16/2023 12:53	9/16/2023 14:38	105	0.03
1493132	9/16/2023 12:55	9/16/2023 13:11	16	0
588892	9/16/2023 13:00	9/17/2023 0:28	688	0
9075059	9/16/2023 13:01	9/16/2023 14:52	111	0
1101945	9/16/2023 13:04	9/16/2023 14:49	105	0
8068454	9/16/2023 13:08	9/16/2023 14:23	75	0.16
501613	9/16/2023 13:09	9/17/2023 10:00	1250	0
1493132	9/16/2023 13:11	9/16/2023 14:14	63	0
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455994	9/16/2023 13:20	9/16/2023 13:51	31	0.07
8206792	9/16/2023 13:23	9/16/2023 21:18	475	0
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1393633	9/16/2023 14:13	9/16/2023 14:28	15	0
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1358945	9/16/2023 14:16	9/16/2023 14:31	15	0
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316630	9/16/2023 15:10	9/17/2023 0:28	558	0

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980398	9/16/2023 21:10	9/17/2023 9:41	751	0
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1093833	9/16/2023 21:11	9/17/2023 10:00	768	0
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1356945	9/16/2023 21:11	9/17/2023 10:00	768	0

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315346	9/16/2023 21:15	9/17/2023 9:56	761	0
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511266	9/16/2023 21:15	9/17/2023 10:00	764	0
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315345	9/16/2023 21:16	9/17/2023 9:51	755	0
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587455	9/16/2023 21:17	9/17/2023 10:00	762	0
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6961293	9/16/2023 21:17	9/17/2023 10:00	762	0
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500145	9/16/2023 21:18	9/17/2023 10:00	761	0
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588892	9/17/2023 0:28	9/17/2023 10:00	571	0
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8495802	9/17/2023 0:28	9/17/2023 10:00	571	0
1358945	9/17/2023 0:28	9/17/2023 9:31	543	0
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859747	9/17/2023 0:28	9/17/2023 9:22	534	0
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1310926	9/17/2023 0:28	9/17/2023 10:00	571	0
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8972545	9/17/2023 0:28	9/17/2023 10:00	571	0
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8766703	9/17/2023 0:28	9/17/2023 9:45	557	0
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1321605	9/17/2023 0:28	9/17/2023 9:40	552	0
1511816	9/17/2023 0:28	9/17/2023 10:00	571	0
9075059	9/17/2023 0:28	9/17/2023 9:09	521	0
1076617	9/17/2023 0:28	9/17/2023 10:00	571	0
1431804	9/17/2023 0:28	9/17/2023 10:00	571	0

571420	9/17/2023 0:28	9/17/2023 10:00	571	0
790670	9/17/2023 0:28	9/17/2023 10:00	571	0
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1075503	9/17/2023 0:28	9/17/2023 10:00	571	0
8590289	9/17/2023 0:28	9/17/2023 10:00	571	0
315616	9/17/2023 0:28	9/17/2023 10:00	571	0
313954	9/17/2023 0:28	9/17/2023 10:00	571	0
313731	9/17/2023 0:28	9/17/2023 10:00	571	0
1465703	9/17/2023 0:28	9/17/2023 10:00	571	0
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304295	9/17/2023 4:24	9/17/2023 4:25	1	0
304295	9/17/2023 4:25	9/17/2023 7:41	196	0
304295	9/17/2023 7:41	9/17/2023 8:28	47	0
985241	9/17/2023 8:03	9/17/2023 10:00	116	0
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324290	9/17/2023 8:25	9/17/2023 10:00	94	0
1517239	9/17/2023 8:25	9/17/2023 10:00	94	0
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303811	9/17/2023 8:59	9/17/2023 10:00	60.8	0
9075059	9/17/2023 9:09	9/17/2023 10:00	50	0
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1358945	9/17/2023 9:31	9/17/2023 10:00	28	0
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980398	9/17/2023 9:41	9/17/2023 10:00	18	0
8766703	9/17/2023 9:45	9/17/2023 10:00	14	0
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1430553	9/17/2023 9:48	9/17/2023 10:00	11	0

1430838	9/17/2023 9:49	9/17/2023 10:00	10	0
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317233	9/17/2023 9:55	9/17/2023 10:00	4	0
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637185	9/17/2023 10:00	9/18/2023 10:00	1439	0
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705447	9/17/2023 10:00	9/18/2023 10:00	1439	0
46184	9/17/2023 10:00	9/18/2023 10:00	1439	0
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564357	9/17/2023 10:00	9/18/2023 10:00	1439	0
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1308096	9/17/2023 10:00	9/18/2023 10:00	1439	0
664453	9/17/2023 10:08	9/17/2023 15:54	346	0
204700	9/17/2023 10:08	9/17/2023 11:05	57	0
553863	9/17/2023 10:09	9/17/2023 11:39	90	0
793638	9/17/2023 10:09	9/18/2023 0:28	859	0.14
1101945	9/17/2023 10:09	9/17/2023 14:11	242	0
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2032900	9/17/2023 10:10	9/17/2023 14:12	242	0
1518000	9/17/2023 10:10	9/17/2023 11:07	57	0
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8766703	9/17/2023 10:14	9/17/2023 20:52	638	0
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817260	9/17/2023 10:17	9/17/2023 11:46	89	0
980398	9/17/2023 10:18	9/17/2023 20:11	593	0
1358945	9/17/2023 10:19	9/17/2023 11:32	73	0
1430838	9/17/2023 10:19	9/17/2023 20:49	630	0
324290	9/17/2023 10:20	9/17/2023 20:34	614	0
1430553	9/17/2023 10:20	9/17/2023 20:44	624	0
772378	9/17/2023 10:21	9/17/2023 11:35	74	0
325050	9/17/2023 10:21	9/17/2023 20:55	634	0
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1700586	9/17/2023 10:26	9/17/2023 20:25	599	0
1362130	9/17/2023 10:26	9/17/2023 14:22	236	0
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317233	9/17/2023 10:53	9/17/2023 11:56	63	0
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315346	9/17/2023 10:55	9/17/2023 11:52	57	0
315345	9/17/2023 10:55	9/17/2023 11:53	58	0
1093833	9/17/2023 10:56	9/17/2023 11:43	47	0
6961293	9/17/2023 10:57	9/17/2023 11:54	57	0
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378229	9/17/2023 10:59	9/17/2023 21:08	609	0

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449036	9/17/2023 11:02	9/17/2023 11:34	32	0
1431804	9/17/2023 11:02	9/17/2023 14:32	210	0
1552790	9/17/2023 11:02	9/17/2023 20:56	594	0
204700	9/17/2023 11:05	9/17/2023 20:48	583	0
308959	9/17/2023 11:05	9/17/2023 12:05	60	0
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1550545	9/17/2023 11:06	9/18/2023 0:28	802	0
1518000	9/17/2023 11:07	9/17/2023 20:49	582	0
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1465703	9/17/2023 11:08	9/17/2023 20:53	585	0
1466638	9/17/2023 11:08	9/17/2023 16:54	346	0
1465391	9/17/2023 11:12	9/17/2023 11:38	26	0
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457729	9/17/2023 11:18	9/17/2023 21:04	586	0
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563721	9/17/2023 11:31	9/17/2023 20:43	552	0
1358945	9/17/2023 11:32	9/17/2023 11:48	16	0
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772378	9/17/2023 11:35	9/17/2023 11:50	15	0
496500	9/17/2023 11:36	9/17/2023 11:52	16	0
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1465391	9/17/2023 11:38	9/17/2023 12:57	79	0
1451744	9/17/2023 11:39	9/17/2023 12:42	63	0
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1190820	9/17/2023 11:40	9/17/2023 12:25	45	0
1093833	9/17/2023 11:43	9/17/2023 11:53	10	0
817825	9/17/2023 11:45	9/17/2023 14:33	168	0
817260	9/17/2023 11:46	9/17/2023 14:29	163	0
1358945	9/17/2023 11:48	9/17/2023 12:03	15	0
1251782	9/17/2023 11:49	9/17/2023 14:34	165	0
449036	9/17/2023 11:50	9/17/2023 14:32	162	0
772378	9/17/2023 11:50	9/17/2023 12:22	32	0
1310926	9/17/2023 11:51	9/17/2023 12:11	20	0

496500	9/17/2023 11:52	9/17/2023 12:24	32	0
315346	9/17/2023 11:52	9/17/2023 12:13	21	0
1516739	9/17/2023 11:53	9/17/2023 12:08	15	0
1093833	9/17/2023 11:53	9/17/2023 14:26	153	0
274064	9/17/2023 11:53	9/17/2023 14:20	147	0
315345	9/17/2023 11:53	9/17/2023 12:08	15	0
553863	9/17/2023 11:54	9/17/2023 14:24	150	0
1309098	9/17/2023 11:54	9/17/2023 12:10	16	0
6961293	9/17/2023 11:54	9/17/2023 14:11	137	0
321310	9/17/2023 11:54	9/17/2023 14:21	147	0
564518	9/17/2023 11:54	9/17/2023 14:25	151	0
317233	9/17/2023 11:56	9/17/2023 12:11	15	0
587455	9/17/2023 12:02	9/17/2023 14:17	135	0
854585	9/17/2023 12:02	9/17/2023 14:19	137	0
1358945	9/17/2023 12:03	9/17/2023 14:14	131	0
13912	9/17/2023 12:03	9/18/2023 10:00	1316	0
309961	9/17/2023 12:04	9/17/2023 13:02	58	0
308959	9/17/2023 12:05	9/17/2023 19:56	471	0
315345	9/17/2023 12:08	9/17/2023 14:09	121	0
1516739	9/17/2023 12:08	9/17/2023 13:54	106	0
1309098	9/17/2023 12:10	9/17/2023 12:52	42	0
317233	9/17/2023 12:11	9/17/2023 14:12	121	0
1310926	9/17/2023 12:11	9/17/2023 12:52	41	0
315346	9/17/2023 12:13	9/17/2023 14:09	116	0
772378	9/17/2023 12:22	9/17/2023 14:22	120	0
1433697	9/17/2023 12:23	9/17/2023 12:29	6	0
496500	9/17/2023 12:24	9/17/2023 14:56	152	0
1190820	9/17/2023 12:25	9/17/2023 14:25	120	0
1526024	9/17/2023 12:29	9/17/2023 13:32	63	0
1433697	9/17/2023 12:29	9/17/2023 13:10	41	0
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1309098	9/17/2023 12:52	9/17/2023 13:24	32	0
1310926	9/17/2023 12:52	9/17/2023 13:21	29	0
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1433697	9/17/2023 13:10	9/17/2023 13:29	19	0
1671261	9/17/2023 13:11	9/18/2023 10:00	1248	0
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1309098	9/17/2023 13:24	9/17/2023 14:11	47	0
552598	9/17/2023 13:25	9/17/2023 13:40	15	0
1433697	9/17/2023 13:29	9/17/2023 14:23	54	0
1527339	9/17/2023 13:30	9/17/2023 14:12	42	0

1526024	9/17/2023 13:32	9/17/2023 14:14	42	0
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852071	9/17/2023 13:34	9/17/2023 13:51	17	0
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852071	9/17/2023 13:51	9/18/2023 10:00	1208	0
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315752	9/17/2023 13:54	9/17/2023 14:41	47	0
313954	9/17/2023 13:55	9/17/2023 14:43	48	0
808829	9/17/2023 13:56	9/18/2023 10:00	1203	0
313731	9/17/2023 13:57	9/17/2023 14:39	42	0
315380	9/17/2023 13:58	9/17/2023 14:39	41	0
9075059	9/17/2023 14:08	9/17/2023 14:23	15	0
1321605	9/17/2023 14:08	9/17/2023 20:00	352	0
1320619	9/17/2023 14:08	9/17/2023 20:08	360	0
1320646	9/17/2023 14:09	9/17/2023 20:27	378	0
315346	9/17/2023 14:09	9/17/2023 20:36	387	0
315345	9/17/2023 14:09	9/17/2023 20:48	399	0
1516739	9/17/2023 14:09	9/17/2023 14:25	16	0
1101945	9/17/2023 14:11	9/17/2023 14:27	16	0
1320008	9/17/2023 14:11	9/17/2023 20:08	357	0
1465391	9/17/2023 14:11	9/17/2023 14:42	31	0
1309098	9/17/2023 14:11	9/17/2023 14:27	16	0
6961293	9/17/2023 14:11	9/17/2023 15:56	105	0
317233	9/17/2023 14:12	9/17/2023 20:20	368	0
2032900	9/17/2023 14:12	9/17/2023 15:57	105	0
1310926	9/17/2023 14:12	9/17/2023 14:22	10	0
1527339	9/17/2023 14:12	9/17/2023 14:44	32	0
1358945	9/17/2023 14:14	9/17/2023 14:36	22	0
1526024	9/17/2023 14:14	9/17/2023 14:45	31	0
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854585	9/17/2023 14:19	9/17/2023 20:47	388	0
274064	9/17/2023 14:20	9/17/2023 14:36	16	0
1332906	9/17/2023 14:20	9/17/2023 15:23	63	0
572882	9/17/2023 14:20	9/17/2023 14:35	15	0
321310	9/17/2023 14:21	9/17/2023 14:42	21	0
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304345	9/17/2023 16:43	9/18/2023 0:28	465	0
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1251782	9/17/2023 20:44	9/18/2023 10:00	795	0
790670	9/17/2023 20:44	9/18/2023 10:00	795	0
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854585	9/17/2023 20:47	9/18/2023 10:00	792	0
507365	9/17/2023 20:47	9/18/2023 10:00	792	0
1526024	9/17/2023 20:48	9/18/2023 10:00	791	0
315345	9/17/2023 20:48	9/18/2023 10:00	791	0
204700	9/17/2023 20:48	9/18/2023 10:00	791	0
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274064	9/17/2023 20:52	9/18/2023 10:00	787	0
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1465391	9/17/2023 20:56	9/18/2023 10:00	783	0
1493132	9/17/2023 20:56	9/18/2023 8:45	709	0
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315380	9/17/2023 20:58	9/18/2023 10:00	781	0
1301093	9/17/2023 20:58	9/18/2023 10:00	781	0
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8068454	9/17/2023 21:00	9/18/2023 10:00	779	0
9075059	9/17/2023 21:02	9/18/2023 9:10	728	0
304295	9/17/2023 21:03	9/18/2023 9:58	775	0
457729	9/17/2023 21:04	9/18/2023 10:00	775	0
455994	9/17/2023 21:05	9/18/2023 9:56	771	0
7533405	9/17/2023 21:05	9/18/2023 10:00	774	0
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1433697	9/17/2023 22:29	9/17/2023 23:11	42	0
1433697	9/17/2023 23:11	9/17/2023 23:29	18	0
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587455	9/18/2023 0:28	9/18/2023 10:00	571	0
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817260	9/18/2023 0:28	9/18/2023 10:00	571	0
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854579	9/18/2023 0:28	9/18/2023 10:00	571	0
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997397	9/18/2023 0:28	9/18/2023 10:00	571	0
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6961293	9/18/2023 0:28	9/18/2023 10:00	571	0
304345	9/18/2023 0:28	9/18/2023 10:00	571	0
455629	9/18/2023 0:28	9/18/2023 10:00	571	0
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1433697	9/18/2023 0:51	9/18/2023 10:00	548.2	0
308959	9/18/2023 7:18	9/18/2023 10:00	161.8	0
1516739	9/18/2023 7:55	9/18/2023 8:52	57	0
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1405290	9/18/2023 8:32	9/18/2023 10:00	88	0
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1430553	9/18/2023 9:31	9/18/2023 10:00	28	0
985241	9/18/2023 9:34	9/18/2023 10:00	25	0
1430838	9/18/2023 9:35	9/18/2023 10:00	24	0
1362130	9/18/2023 9:37	9/18/2023 10:00	22	0
1321605	9/18/2023 9:38	9/18/2023 10:00	21	0
1466638	9/18/2023 9:38	9/18/2023 10:00	21	0
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455994	9/18/2023 9:56	9/18/2023 10:00	3	0
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304295	9/18/2023 9:58	9/18/2023 9:59	1	0
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46184	9/18/2023 10:00	9/19/2023 10:00	1439	0
854579	9/18/2023 10:00	9/18/2023 11:49	109	0
1405290	9/18/2023 10:00	9/18/2023 11:02	62	0.03
308959	9/18/2023 10:00	9/18/2023 17:01	421	1.4
705447	9/18/2023 10:00	9/19/2023 10:00	1439	0
1308096	9/18/2023 10:00	9/19/2023 10:00	1439	0
264186	9/18/2023 10:00	9/19/2023 10:00	1439	0
303811	9/18/2023 10:00	9/18/2023 20:26	626	0
1624452	9/18/2023 10:00	9/18/2023 11:33	93	0
637185	9/18/2023 10:00	9/19/2023 10:00	1439	0
304295	9/18/2023 10:00	9/18/2023 21:38	698	0
552598	9/18/2023 10:00	9/18/2023 20:18	618	0.3
1390184	9/18/2023 10:00	9/18/2023 22:14	734	0.43
1076617	9/18/2023 10:00	9/18/2023 21:17	677	0
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1516739	9/18/2023 10:08	9/18/2023 21:20	672	0
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1362855	9/18/2023 10:08	9/18/2023 11:38	90	0
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51483	9/18/2023 10:55	9/18/2023 14:48	233	0.13
793690	9/18/2023 10:56	9/18/2023 12:09	73	0.29
316997	9/18/2023 10:57	9/19/2023 0:28	811	0.26
6761269	9/18/2023 10:57	9/19/2023 0:28	811	0
8104722	9/18/2023 10:58	9/18/2023 21:17	619	0

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330528	9/18/2023 11:06	9/18/2023 14:17	191	1.69
5212517	9/18/2023 11:06	9/19/2023 0:28	802	0.64
1301093	9/18/2023 11:06	9/18/2023 21:15	609	0.2
6583289	9/18/2023 11:07	9/19/2023 0:28	801	0
1430838	9/18/2023 11:07	9/18/2023 11:08	1	0
8950281	9/18/2023 11:07	9/18/2023 21:26	619	0
304345	9/18/2023 11:07	9/19/2023 0:28	801	0
330485	9/18/2023 11:07	9/18/2023 21:10	603	0.14
317126	9/18/2023 11:08	9/18/2023 21:17	609	0.55
1395587	9/18/2023 11:08	9/18/2023 21:12	604	0
1465703	9/18/2023 11:08	9/18/2023 11:38	30	0.11
314564	9/18/2023 11:08	9/18/2023 11:23	15	0
1430838	9/18/2023 11:08	9/18/2023 21:17	609	0
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315306	9/18/2023 11:09	9/19/2023 0:28	799	0.46
316971	9/18/2023 11:09	9/18/2023 21:17	608	0.04
48217	9/18/2023 11:09	9/18/2023 21:23	614	0.65
315346	9/18/2023 11:10	9/19/2023 0:28	798	0.22
1513240	9/18/2023 11:11	9/18/2023 11:48	37	0
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315752	9/18/2023 11:11	9/18/2023 11:27	16	0
8068454	9/18/2023 11:11	9/18/2023 14:09	178	0
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315380	9/18/2023 11:12	9/18/2023 11:27	15	0.01
317233	9/18/2023 11:12	9/18/2023 21:15	603	0.08
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8511623	9/18/2023 11:12	9/18/2023 21:18	606	0
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6168330	9/18/2023 11:18	9/19/2023 0:28	790	0.02
466549	9/18/2023 11:18	9/18/2023 11:34	16	0.02
8717997	9/18/2023 11:21	9/18/2023 14:20	179	0
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1451744	9/18/2023 11:21	9/18/2023 11:37	16	0
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315604	9/18/2023 11:24	9/18/2023 21:12	588	0

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315380	9/18/2023 11:27	9/18/2023 21:20	593	0.05
313954	9/18/2023 11:27	9/18/2023 21:20	593	0.17
790670	9/18/2023 11:27	9/18/2023 21:09	582	0
315752	9/18/2023 11:27	9/19/2023 0:28	781	0.12
313731	9/18/2023 11:28	9/18/2023 21:23	595	0.08
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456099	9/18/2023 11:32	9/18/2023 12:19	47	0
1406535	9/18/2023 11:32	9/18/2023 12:04	32	0.44
1624452	9/18/2023 11:33	9/18/2023 13:33	120	0
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466549	9/18/2023 11:34	9/18/2023 12:05	31	0.1
6623421	9/18/2023 11:35	9/18/2023 21:18	583	0.05
265473	9/18/2023 11:35	9/18/2023 12:33	58	0
274064	9/18/2023 11:36	9/18/2023 11:51	15	0
455629	9/18/2023 11:37	9/18/2023 12:20	43	0.07
1451744	9/18/2023 11:37	9/18/2023 11:53	16	0
801004	9/18/2023 11:37	9/18/2023 14:41	184	0
572916	9/18/2023 11:37	9/18/2023 11:47	10	0
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1465703	9/18/2023 11:38	9/18/2023 14:38	180	0.07
1704326	9/18/2023 11:38	9/18/2023 13:23	105	0
506261	9/18/2023 11:38	9/18/2023 14:57	199	0.07
455994	9/18/2023 11:38	9/18/2023 12:20	42	0
1362855	9/18/2023 11:38	9/18/2023 13:22	104	0
1466638	9/18/2023 11:38	9/18/2023 14:36	178	0
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1508563	9/18/2023 11:38	9/18/2023 12:09	31	0
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1356945	9/18/2023 11:39	9/18/2023 13:23	104	0
800600	9/18/2023 11:39	9/18/2023 14:37	178	0
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1393633	9/18/2023 11:43	9/18/2023 11:59	16	0
8668965	9/18/2023 11:43	9/18/2023 14:57	194	0.05
1358945	9/18/2023 11:44	9/18/2023 11:59	15	0

328570	9/18/2023 11:44	9/18/2023 12:00	16	0
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572882	9/18/2023 11:48	9/18/2023 12:51	63	0
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817260	9/18/2023 11:48	9/18/2023 14:31	163	0
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274064	9/18/2023 11:51	9/18/2023 14:24	153	0
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1451744	9/18/2023 11:53	9/18/2023 12:56	63	0
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350753	9/18/2023 11:58	9/18/2023 12:14	16	0.03
1358945	9/18/2023 11:59	9/18/2023 14:16	137	0
1393633	9/18/2023 11:59	9/18/2023 12:14	15	0
1565203	9/18/2023 11:59	9/18/2023 12:57	58	0.03
1525793	9/18/2023 12:00	9/18/2023 12:15	15	0
328570	9/18/2023 12:00	9/18/2023 12:16	16	0
353651	9/18/2023 12:00	9/18/2023 14:30	150	0
587455	9/18/2023 12:01	9/18/2023 14:16	135	0
1513240	9/18/2023 12:04	9/19/2023 10:00	1315	0
1514004	9/18/2023 12:04	9/18/2023 14:31	147	0
1406535	9/18/2023 12:04	9/18/2023 12:46	42	0
466549	9/18/2023 12:05	9/19/2023 0:28	743	0
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1552154	9/18/2023 12:08	9/18/2023 14:09	121	0
1508563	9/18/2023 12:09	9/18/2023 14:24	135	0.02
1511532	9/18/2023 12:09	9/18/2023 14:26	137	0.02
793690	9/18/2023 12:09	9/18/2023 12:25	16	0
1511264	9/18/2023 12:09	9/18/2023 14:25	136	0
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1270985	9/18/2023 12:10	9/18/2023 15:25	195	0
1546695	9/18/2023 12:10	9/18/2023 14:21	131	0
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7533405	9/18/2023 12:12	9/18/2023 14:39	147	0.01
1393633	9/18/2023 12:14	9/18/2023 14:47	153	0
1527339	9/18/2023 12:14	9/18/2023 13:01	47	0
1526024	9/18/2023 12:14	9/18/2023 13:01	47	0
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1525793	9/18/2023 12:15	9/18/2023 13:03	48	0
328570	9/18/2023 12:16	9/18/2023 13:03	47	0

456099	9/18/2023 12:19	9/19/2023 0:28	729	0
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455994	9/18/2023 12:20	9/18/2023 14:47	147	0.02
455629	9/18/2023 12:20	9/19/2023 0:28	728	0
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1247921	9/18/2023 12:25	9/18/2023 15:55	210	0.5
564518	9/18/2023 12:27	9/18/2023 21:13	526	0
265473	9/18/2023 12:33	9/19/2023 10:00	1286	0
1406535	9/18/2023 12:46	9/18/2023 13:48	62	0
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1451744	9/18/2023 12:56	9/18/2023 13:53	57	0.01
1299402	9/18/2023 12:57	9/18/2023 13:55	58	0
1565203	9/18/2023 12:57	9/18/2023 14:47	110	0
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1526024	9/18/2023 13:01	9/19/2023 10:00	1258	0
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1525793	9/18/2023 13:03	9/19/2023 10:00	1256	0
328570	9/18/2023 13:03	9/18/2023 14:48	105	0
1362130	9/18/2023 13:07	9/18/2023 14:10	63	0
9313875	9/18/2023 13:22	9/19/2023 10:00	1237	0
1362855	9/18/2023 13:22	9/18/2023 16:42	200	0
1704326	9/18/2023 13:23	9/18/2023 16:38	195	0
1356945	9/18/2023 13:23	9/18/2023 16:38	195	0
1624452	9/18/2023 13:33	9/18/2023 14:05	32	0
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854585	9/19/2023 0:28	9/19/2023 10:00	571	0
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1093833	9/19/2023 0:28	9/19/2023 9:53	565	0
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1434550	9/19/2023 0:28	9/19/2023 10:00	571	0

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506261	9/19/2023 0:28	9/19/2023 9:51	563	0
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353728	9/19/2023 0:28	9/19/2023 10:00	571	0
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308959	9/19/2023 7:50	9/19/2023 10:00	129.8	0.05
324290	9/19/2023 8:06	9/19/2023 10:00	113	0
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317233	9/19/2023 8:22	9/19/2023 10:00	97	0
315346	9/19/2023 8:24	9/19/2023 10:00	95	0
315345	9/19/2023 8:27	9/19/2023 10:00	92	0.42
1516739	9/19/2023 8:37	9/19/2023 9:51	74	0
1405290	9/19/2023 8:38	9/19/2023 10:00	82	0

552598	9/19/2023 8:38	9/19/2023 10:00	81.15	0
45637	9/19/2023 8:42	9/19/2023 10:00	77	0
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303811	9/19/2023 8:47	9/19/2023 10:00	72.8	0
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8511623	9/19/2023 8:53	9/19/2023 10:00	66	0
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793638	9/19/2023 9:53	9/19/2023 10:00	6	0.07
8910809	9/19/2023 9:55	9/19/2023 10:00	4	0
346288	9/19/2023 9:56	9/19/2023 10:00	3	0
381982	9/19/2023 9:56	9/19/2023 10:00	3	0
1362130	9/19/2023 9:56	9/19/2023 10:00	3	0
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1299402	9/19/2023 9:57	9/19/2023 10:00	2	0
380057	9/19/2023 9:57	9/19/2023 10:00	2	0
7879030	9/19/2023 9:58	9/19/2023 10:00	1	0
345647	9/19/2023 9:58	9/19/2023 10:00	1	0
6761269	9/19/2023 9:59	9/19/2023 10:00	0	0
637185	9/19/2023 10:00	9/20/2023 10:00	1439	0
564357	9/19/2023 10:00	9/20/2023 10:00	1439	0
1405290	9/19/2023 10:00	9/19/2023 20:18	618	0.11

988262	9/19/2023 10:00	9/20/2023 10:00	1439	0
8766703	9/19/2023 10:00	9/19/2023 11:51	111	0
1390184	9/19/2023 10:00	9/20/2023 0:28	868	0.41
308959	9/19/2023 10:00	9/19/2023 13:13	193	0.8
264186	9/19/2023 10:00	9/20/2023 10:00	1439	0
872542	9/19/2023 10:00	9/20/2023 10:00	1439	0
572985	9/19/2023 10:00	9/19/2023 13:13	193	0.24
46184	9/19/2023 10:00	9/20/2023 10:00	1439	0
8068454	9/19/2023 10:00	9/19/2023 14:13	253	4.32
1308096	9/19/2023 10:00	9/20/2023 10:00	1439	0
705447	9/19/2023 10:00	9/20/2023 10:00	1439	0
353728	9/19/2023 10:00	9/19/2023 16:23	383	0
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860281	9/19/2023 10:00	9/19/2023 21:05	665	0.73
330528	9/19/2023 10:00	9/19/2023 11:32	92	0.35
303811	9/19/2023 10:00	9/19/2023 11:52	112	0
587455	9/19/2023 10:00	9/19/2023 12:51	171	0
1406535	9/19/2023 10:06	9/19/2023 21:18	672	0.75
790670	9/19/2023 10:06	9/19/2023 11:41	95	0.1
854585	9/19/2023 10:07	9/19/2023 21:14	667	0
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854579	9/19/2023 10:07	9/19/2023 21:07	660	0
8104722	9/19/2023 10:07	9/19/2023 21:14	667	1.24
1101945	9/19/2023 10:07	9/19/2023 21:09	662	1.27
506261	9/19/2023 10:07	9/19/2023 14:19	252	0.77
564518	9/19/2023 10:08	9/19/2023 21:13	665	0
496500	9/19/2023 10:08	9/19/2023 11:38	90	0
316997	9/19/2023 10:08	9/19/2023 20:11	603	0.29
9075059	9/19/2023 10:08	9/19/2023 21:15	667	0
325050	9/19/2023 10:08	9/19/2023 11:08	60	0
1093833	9/19/2023 10:09	9/19/2023 21:06	657	0.84
793638	9/19/2023 10:09	9/19/2023 11:38	89	1.46
6761269	9/19/2023 10:09	9/19/2023 11:44	95	0
6714863	9/19/2023 10:09	9/19/2023 11:39	90	0.09
315346	9/19/2023 10:09	9/19/2023 21:11	662	0.24
8148103	9/19/2023 10:09	9/19/2023 20:09	600	0.6
553863	9/19/2023 10:11	9/20/2023 0:28	857	0
315088	9/19/2023 10:11	9/19/2023 22:12	721	0
957615	9/19/2023 10:11	9/19/2023 14:23	252	0
8910809	9/19/2023 10:11	9/19/2023 21:07	656	0
8734029	9/19/2023 10:11	9/19/2023 20:57	646	0
315306	9/19/2023 10:11	9/19/2023 20:15	604	1.21
315345	9/19/2023 10:11	9/20/2023 0:28	857	1.68
1393633	9/19/2023 10:11	9/19/2023 11:51	100	0
381982	9/19/2023 10:12	9/20/2023 0:28	856	0
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1432509	9/19/2023 10:12	9/19/2023 20:57	645	0

346288	9/19/2023 10:12	9/19/2023 11:41	89	0
304295	9/19/2023 10:12	9/19/2023 11:53	101	0
1465391	9/19/2023 10:12	9/19/2023 21:14	662	0.31
1565203	9/19/2023 10:12	9/19/2023 21:14	662	1.19
6995795	9/19/2023 10:12	9/19/2023 21:14	662	0.41
345647	9/19/2023 10:13	9/19/2023 11:43	90	0
7879030	9/19/2023 10:13	9/19/2023 21:08	655	0.6
317233	9/19/2023 10:13	9/20/2023 0:28	855	0.71
380057	9/19/2023 10:13	9/19/2023 21:19	666	0
664453	9/19/2023 10:13	9/19/2023 21:04	651	0
1299402	9/19/2023 10:13	9/19/2023 21:04	651	0.11
1700586	9/19/2023 10:14	9/19/2023 21:11	657	0.14
1430553	9/19/2023 10:14	9/19/2023 21:16	662	1.13
7533405	9/19/2023 10:15	9/19/2023 11:39	84	0.04
1358945	9/19/2023 10:15	9/19/2023 11:18	63	0
309233	9/19/2023 10:16	9/19/2023 11:20	64	0.02
1430838	9/19/2023 10:17	9/20/2023 0:28	851	0
980398	9/19/2023 10:18	9/19/2023 11:15	57	0
6168330	9/19/2023 10:18	9/19/2023 11:38	80	0
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561672	9/19/2023 10:18	9/19/2023 21:20	662	0.09
309961	9/19/2023 10:19	9/19/2023 11:33	74	0
1434550	9/19/2023 10:19	9/19/2023 20:54	635	0.57
1552154	9/19/2023 10:21	9/19/2023 21:18	657	0.2
1310926	9/19/2023 10:21	9/19/2023 14:31	250	0.52
572916	9/19/2023 10:21	9/19/2023 11:42	81	0.31
1190820	9/19/2023 10:22	9/19/2023 11:42	80	0
572882	9/19/2023 10:22	9/19/2023 11:41	79	0
1309098	9/19/2023 10:22	9/19/2023 14:29	247	1.19
772378	9/19/2023 10:23	9/19/2023 11:36	73	0
791510	9/19/2023 10:23	9/19/2023 11:41	78	0
507365	9/19/2023 10:23	9/19/2023 14:14	231	0
510307	9/19/2023 10:25	9/19/2023 14:16	231	0.07
378229	9/19/2023 10:25	9/19/2023 21:16	651	1.05
511266	9/19/2023 10:25	9/19/2023 14:15	230	0
1251782	9/19/2023 10:29	9/19/2023 21:21	652	4.17
817825	9/19/2023 10:31	9/19/2023 21:12	641	0.14
51483	9/19/2023 10:32	9/19/2023 11:56	84	0.01
817260	9/19/2023 10:33	9/19/2023 21:15	642	0.7
1513240	9/19/2023 10:33	9/19/2023 14:08	215	0.51
1514004	9/19/2023 10:33	9/19/2023 14:08	215	0.08
1552248	9/19/2023 10:33	9/19/2023 11:36	63	0.17
1553910	9/19/2023 10:33	9/19/2023 11:35	62	0
8950281	9/19/2023 10:34	9/19/2023 11:58	84	0
1556919	9/19/2023 10:34	9/19/2023 11:37	63	0
455994	9/19/2023 10:35	9/19/2023 11:37	62	0
1553145	9/19/2023 10:36	9/19/2023 11:07	31	0

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1508563	9/19/2023 10:37	9/19/2023 14:17	220	0.52
573677	9/19/2023 10:38	9/19/2023 11:09	31	0
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1559600	9/19/2023 10:38	9/19/2023 11:36	58	0
1511532	9/19/2023 10:38	9/19/2023 14:14	216	0.45
1516739	9/19/2023 10:39	9/20/2023 0:28	829	0
572990	9/19/2023 10:39	9/19/2023 11:06	27	0
5873632	9/19/2023 10:40	9/19/2023 11:44	64	0.18
1493132	9/19/2023 10:44	9/19/2023 11:52	68	0
572790	9/19/2023 10:48	9/19/2023 11:09	21	0.02
1624452	9/19/2023 10:49	9/19/2023 21:09	620	0.45
1704326	9/19/2023 10:52	9/19/2023 11:45	53	0.06
1464949	9/19/2023 10:52	9/19/2023 20:54	602	1.43
314564	9/19/2023 10:53	9/19/2023 11:09	16	0
319726	9/19/2023 10:53	9/20/2023 0:28	815	0
449036	9/19/2023 10:53	9/19/2023 11:35	42	0.04
9313875	9/19/2023 10:53	9/19/2023 14:44	231	0.01
1362855	9/19/2023 10:53	9/19/2023 11:47	54	0.31
315380	9/19/2023 10:54	9/19/2023 11:09	15	0
8668965	9/19/2023 10:54	9/19/2023 14:19	205	0.14
313954	9/19/2023 10:54	9/19/2023 11:09	15	0.01
315752	9/19/2023 10:54	9/19/2023 11:10	16	0
1466638	9/19/2023 10:54	9/19/2023 11:10	16	0
1451744	9/19/2023 10:54	9/19/2023 11:41	47	0.27
1362130	9/19/2023 10:54	9/19/2023 11:46	52	0
793690	9/19/2023 10:54	9/19/2023 11:41	47	0
2032900	9/19/2023 10:54	9/19/2023 21:03	609	0
315604	9/19/2023 10:55	9/19/2023 11:11	16	0
1524033	9/19/2023 10:55	9/19/2023 11:37	42	0.11
1355611	9/19/2023 10:55	9/19/2023 11:48	53	0
8387677	9/19/2023 10:56	9/19/2023 20:59	603	0.75
1356945	9/19/2023 10:56	9/19/2023 11:48	52	0
316971	9/19/2023 10:56	9/20/2023 0:28	812	0.05
313731	9/19/2023 10:57	9/19/2023 11:08	11	0
1301093	9/19/2023 10:57	9/19/2023 21:12	615	1.18
549617	9/19/2023 10:58	9/19/2023 14:16	198	0.15
549596	9/19/2023 10:58	9/19/2023 14:16	198	0.42
259674	9/19/2023 10:58	9/19/2023 21:11	613	0
1465703	9/19/2023 10:58	9/20/2023 0:28	810	0.35
321287	9/19/2023 11:01	9/19/2023 11:32	31	0.23
318848	9/19/2023 11:02	9/19/2023 11:18	16	0
318815	9/19/2023 11:03	9/19/2023 11:18	15	0
323795	9/19/2023 11:03	9/19/2023 11:19	16	0
317100	9/19/2023 11:04	9/19/2023 11:14	10	0
852071	9/19/2023 11:04	9/19/2023 21:19	615	2.04

563721	9/19/2023 11:04	9/19/2023 21:13	609	0.05
330485	9/19/2023 11:05	9/19/2023 11:37	32	0.08
1560301	9/19/2023 11:05	9/19/2023 11:37	32	0
317768	9/19/2023 11:05	9/19/2023 11:15	10	0
6583289	9/19/2023 11:05	9/19/2023 11:37	32	0
317053	9/19/2023 11:05	9/19/2023 11:15	10	0
572990	9/19/2023 11:06	9/19/2023 11:37	31	0
1431804	9/19/2023 11:06	9/19/2023 21:09	603	0.11
1553525	9/19/2023 11:06	9/20/2023 0:28	802	0
1546695	9/19/2023 11:06	9/19/2023 15:29	263	0
8590289	9/19/2023 11:07	9/19/2023 14:16	189	0.26
1553145	9/19/2023 11:07	9/19/2023 11:33	26	0
1417279	9/19/2023 11:07	9/19/2023 21:08	601	1.19
324045	9/19/2023 11:07	9/19/2023 14:32	205	0.05
313731	9/19/2023 11:08	9/19/2023 21:16	608	1.22
325050	9/19/2023 11:08	9/19/2023 14:33	205	0.42
572790	9/19/2023 11:09	9/19/2023 11:40	31	0.02
313954	9/19/2023 11:09	9/19/2023 21:18	609	0.53
1555609	9/19/2023 11:09	9/19/2023 21:13	604	0.08
315380	9/19/2023 11:09	9/19/2023 21:20	611	0.19
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1466638	9/19/2023 11:10	9/19/2023 21:08	598	0
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317100	9/19/2023 11:14	9/19/2023 14:39	205	0.29
317053	9/19/2023 11:15	9/19/2023 11:30	15	0
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378789	9/19/2023 11:25	9/19/2023 21:04	579	0.59
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1395587	9/19/2023 11:33	9/19/2023 21:05	572	0
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318815	9/19/2023 11:34	9/19/2023 21:16	582	0.09
309233	9/19/2023 11:35	9/19/2023 14:10	155	0.78
449036	9/19/2023 11:35	9/19/2023 14:44	189	0.22
1553910	9/19/2023 11:35	9/19/2023 21:10	575	0.08
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1552248	9/19/2023 11:36	9/20/2023 0:28	772	0.83
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6583289	9/19/2023 11:37	9/19/2023 13:27	110	0
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6168330	9/19/2023 11:38	9/19/2023 12:02	24	0
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1451744	9/19/2023 11:41	9/19/2023 11:47	6	0
791510	9/19/2023 11:41	9/19/2023 11:47	6	0
790670	9/19/2023 11:41	9/19/2023 11:46	5	0.06
346288	9/19/2023 11:41	9/19/2023 11:51	10	0
793690	9/19/2023 11:41	9/19/2023 11:47	6	0
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6761269	9/19/2023 11:44	9/19/2023 11:49	5	0
5873632	9/19/2023 11:44	9/19/2023 11:49	5	0

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790670	9/19/2023 11:46	9/19/2023 12:17	31	0.06
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1362855	9/19/2023 11:47	9/19/2023 13:31	104	0.1
791510	9/19/2023 11:47	9/19/2023 12:18	31	0.05
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6714863	9/19/2023 11:49	9/19/2023 12:16	27	0
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6761269	9/19/2023 11:49	9/19/2023 14:22	153	0
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346288	9/19/2023 11:51	9/19/2023 14:19	148	0.05
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8766703	9/19/2023 11:51	9/19/2023 14:23	152	0
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304295	9/19/2023 11:53	9/19/2023 12:53	60	0
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51483	9/19/2023 11:56	9/19/2023 12:27	31	0.06
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1190820	9/19/2023 12:02	9/19/2023 13:02	60	0.02
6168330	9/19/2023 12:02	9/19/2023 14:31	149	0.01
1524033	9/19/2023 12:03	9/19/2023 13:48	105	0.01
1521914	9/19/2023 12:03	9/20/2023 10:00	1316	0.05
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587455	9/19/2023 12:51	9/19/2023 14:07	76	0
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1526024	9/19/2023 12:55	9/20/2023 10:00	1264	0
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330485	9/19/2023 13:27	9/19/2023 14:13	46	0
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980398	9/19/2023 13:42	9/19/2023 14:40	58	0
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793690	9/19/2023 13:47	9/19/2023 14:51	64	0.05
790670	9/19/2023 13:47	9/19/2023 14:50	63	0
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793638	9/19/2023 13:49	9/19/2023 14:47	58	0.01
6714863	9/19/2023 13:50	9/19/2023 14:48	58	0.02
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1498622	9/19/2023 14:08	9/19/2023 14:24	16	0
1514004	9/19/2023 14:08	9/19/2023 14:24	16	0.03
1513240	9/19/2023 14:08	9/19/2023 14:56	48	0.11
1573666	9/19/2023 14:08	9/19/2023 16:24	136	0
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572790	9/19/2023 14:13	9/19/2023 21:18	425	0.16
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1075503	9/19/2023 14:18	9/19/2023 14:34	16	0.15
506261	9/19/2023 14:19	9/19/2023 14:45	26	0
346288	9/19/2023 14:19	9/19/2023 14:50	31	0
8511623	9/19/2023 14:19	9/19/2023 14:34	15	0
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1451744	9/19/2023 14:19	9/19/2023 14:34	15	0
8668965	9/19/2023 14:19	9/19/2023 21:08	409	0
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328570	9/19/2023 14:25	9/19/2023 15:07	42	0
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309961	9/19/2023 14:26	9/19/2023 14:41	15	0
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8511623	9/19/2023 14:34	9/19/2023 14:50	16	0
1075503	9/19/2023 14:34	9/19/2023 15:47	73	1.71
1451744	9/19/2023 14:34	9/19/2023 14:50	16	0
8766703	9/19/2023 14:36	9/19/2023 16:26	110	0
1594635	9/19/2023 14:36	9/19/2023 14:53	17	0
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954637	9/19/2023 14:38	9/19/2023 21:06	388	0
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323795	9/19/2023 14:38	9/19/2023 21:07	389	0
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1594081	9/19/2023 14:40	9/19/2023 14:56	16	0
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321287	9/19/2023 14:41	9/19/2023 21:16	395	0.1
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6168330	9/19/2023 14:42	9/19/2023 21:05	383	0
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572916	9/19/2023 14:42	9/19/2023 21:01	379	0
325050	9/19/2023 14:43	9/19/2023 21:13	390	0
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1451744	9/19/2023 14:50	9/19/2023 21:13	383	0.21
346288	9/19/2023 14:50	9/19/2023 21:13	383	0
8511623	9/19/2023 14:50	9/19/2023 23:25	515	0
658177	9/19/2023 14:50	9/19/2023 21:03	373	0
793690	9/19/2023 14:51	9/19/2023 21:14	383	0
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353651	9/19/2023 14:52	9/19/2023 15:36	44	0
1594635	9/19/2023 14:53	9/20/2023 0:28	575	0.07
1393633	9/19/2023 14:54	9/20/2023 0:28	574	0
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317126	9/19/2023 21:15	9/20/2023 10:00	764	0
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317100	9/19/2023 21:18	9/20/2023 10:00	761	0
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1441766	9/19/2023 21:18	9/20/2023 10:00	761	0

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8950281	9/19/2023 21:19	9/20/2023 8:31	672	0
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1594635	9/20/2023 8:16	9/20/2023 10:00	103	0
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1308096	9/20/2023 10:00	9/21/2023 10:00	1439	0
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1466638	9/20/2023 10:00	9/20/2023 21:12	672	0
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980398	9/20/2023 10:00	9/20/2023 14:17	257	0
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5873632	9/20/2023 10:25	9/20/2023 21:25	660	1.61
1362855	9/20/2023 10:26	9/20/2023 11:55	89	0.17
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1493132	9/20/2023 10:27	9/20/2023 14:13	226	0
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507365	9/20/2023 10:37	9/20/2023 11:41	64	0
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988954	9/20/2023 10:50	9/20/2023 11:22	32	0
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344958	9/20/2023 11:01	9/21/2023 10:00	1378	0
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623069	9/20/2023 11:03	9/21/2023 10:00	1376.15	0
852071	9/20/2023 11:03	9/20/2023 21:17	614	0.67
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1362130	9/20/2023 11:08	9/20/2023 12:11	63	0

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8590289	9/20/2023 11:09	9/20/2023 11:41	32	0
1301093	9/20/2023 11:14	9/21/2023 0:11	777	0.04
563721	9/20/2023 11:15	9/21/2023 0:28	793	0.01
449036	9/20/2023 11:16	9/20/2023 11:32	16	0.07
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817825	9/20/2023 11:31	9/21/2023 0:28	777	0
1251782	9/20/2023 11:31	9/20/2023 21:16	585	2.86
449036	9/20/2023 11:32	9/21/2023 0:28	776	0.44
8068454	9/20/2023 11:33	9/20/2023 11:49	16	0.51
303811	9/20/2023 11:33	9/20/2023 13:18	105	0
1358945	9/20/2023 11:34	9/20/2023 11:49	15	0
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1247921	9/20/2023 11:39	9/20/2023 11:55	16	0
8668965	9/20/2023 11:39	9/21/2023 0:28	769	0
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1190820	9/20/2023 11:39	9/20/2023 14:39	180	0
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1451744	9/20/2023 11:40	9/20/2023 11:55	15	0.24
1508563	9/20/2023 11:41	9/20/2023 12:23	42	0
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860281	9/20/2023 11:46	9/20/2023 12:01	15	0
587455	9/20/2023 11:46	9/20/2023 12:31	45	0
8621797	9/20/2023 11:46	9/20/2023 12:28	42	0
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304345	9/20/2023 11:47	9/20/2023 12:29	42	0
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1583853	9/20/2023 11:49	9/20/2023 13:02	73	0
8068454	9/20/2023 11:49	9/20/2023 12:52	63	0
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496500	9/20/2023 11:52	9/20/2023 12:07	15	0
1451744	9/20/2023 11:55	9/20/2023 12:43	48	0.15
1362855	9/20/2023 11:55	9/20/2023 12:11	16	0.01
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8206792	9/20/2023 11:56	9/20/2023 12:41	45	0
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860281	9/20/2023 12:01	9/20/2023 12:17	16	0
988954	9/20/2023 12:04	9/20/2023 13:07	63	0
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860281	9/20/2023 12:17	9/20/2023 15:10	173	0
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1508563	9/20/2023 12:23	9/20/2023 13:52	89	0
793638	9/20/2023 12:23	9/20/2023 13:26	63	0.36
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1511251	9/20/2023 12:26	9/20/2023 14:11	105	0
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1451744	9/20/2023 12:43	9/20/2023 13:56	73	0.09
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8950281	9/20/2023 13:01	9/20/2023 14:46	105	0
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51483	9/20/2023 13:04	9/20/2023 14:50	106	0.09
985241	9/20/2023 13:06	9/20/2023 14:06	60	0
988954	9/20/2023 13:07	9/20/2023 13:18	11	0
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793690	9/20/2023 13:25	9/20/2023 21:12	467	0
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303811	9/20/2023 13:33	9/20/2023 14:15	42	0

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1451744	9/20/2023 13:56	9/20/2023 14:11	15	0.08
1511532	9/20/2023 13:56	9/20/2023 14:07	11	0
1362130	9/20/2023 13:56	9/20/2023 14:06	10	0
8206792	9/20/2023 13:56	9/20/2023 14:11	15	0
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8068454	9/20/2023 14:06	9/20/2023 14:21	15	0.17
1511532	9/20/2023 14:07	9/20/2023 14:38	31	0
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1451744	9/20/2023 14:11	9/20/2023 14:27	16	0.07
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1527339	9/20/2023 14:13	9/20/2023 21:13	420	0
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7533405	9/20/2023 14:13	9/20/2023 14:29	16	0.03
303811	9/20/2023 14:15	9/20/2023 15:45	90	0
304295	9/20/2023 14:16	9/20/2023 14:37	21	0
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980398	9/20/2023 14:17	9/20/2023 14:33	16	0
1526024	9/20/2023 14:18	9/21/2023 0:28	610	0
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8068454	9/20/2023 14:21	9/20/2023 21:16	415	0.11
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1559833	9/20/2023 14:22	9/21/2023 0:28	606	0
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496500	9/20/2023 14:23	9/20/2023 14:39	16	0
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772378	9/20/2023 14:23	9/20/2023 14:39	16	0
1556919	9/20/2023 14:23	9/21/2023 0:28	605	0
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1433697	9/20/2023 14:29	9/20/2023 15:11	42	0
8564413	9/20/2023 14:30	9/20/2023 14:45	15	0
587455	9/20/2023 14:31	9/20/2023 14:46	15	0
1430838	9/20/2023 14:32	9/20/2023 14:47	15	0
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1514004	9/20/2023 14:33	9/20/2023 14:49	16	0
980398	9/20/2023 14:33	9/20/2023 14:59	26	0
1430553	9/20/2023 14:34	9/20/2023 14:45	11	0
330528	9/20/2023 14:35	9/20/2023 20:49	374	0.28
1310926	9/20/2023 14:37	9/21/2023 0:28	591	0
1681747	9/20/2023 14:37	9/20/2023 21:16	399	0
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9993140	9/20/2023 14:38	9/21/2023 0:28	590	0
1309098	9/20/2023 14:38	9/20/2023 21:07	389	0.54
549617	9/20/2023 14:38	9/21/2023 1:09	631	0.01
564518	9/20/2023 14:38	9/20/2023 19:05	267	0
1362855	9/20/2023 14:38	9/20/2023 21:12	394	0
1511532	9/20/2023 14:38	9/21/2023 0:28	590	0
791510	9/20/2023 14:38	9/20/2023 21:12	394	0
6992958	9/20/2023 14:39	9/20/2023 21:18	399	0.07
772378	9/20/2023 14:39	9/21/2023 0:28	589	0

1190820	9/20/2023 14:39	9/21/2023 0:28	589	0
121748	9/20/2023 14:39	9/20/2023 21:18	399	0
6503956	9/20/2023 14:39	9/20/2023 21:07	388	0
793638	9/20/2023 14:39	9/20/2023 21:06	387	0
1508563	9/20/2023 14:39	9/21/2023 0:28	589	0
553863	9/20/2023 14:39	9/21/2023 0:28	589	0
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1451744	9/20/2023 14:43	9/20/2023 21:11	388	0
549596	9/20/2023 14:43	9/21/2023 0:28	585	0
1417138	9/20/2023 14:43	9/20/2023 21:17	394	0
954637	9/20/2023 14:43	9/20/2023 21:01	378	0
957615	9/20/2023 14:44	9/21/2023 0:28	584	0
1493132	9/20/2023 14:44	9/20/2023 15:00	16	0
954332	9/20/2023 14:44	9/20/2023 21:02	378	0
7937779	9/20/2023 14:45	9/20/2023 21:13	388	0
1430553	9/20/2023 14:45	9/20/2023 21:18	393	0
8564413	9/20/2023 14:45	9/21/2023 0:28	583	0
1393633	9/20/2023 14:46	9/20/2023 21:14	388	0.05
8206792	9/20/2023 14:46	9/20/2023 15:10	24	0
587455	9/20/2023 14:46	9/20/2023 21:11	385	0
8950281	9/20/2023 14:46	9/20/2023 21:20	394	0
51957	9/20/2023 14:46	9/20/2023 21:20	394	0
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1362130	9/20/2023 14:54	9/21/2023 0:28	574	0
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1356945	9/20/2023 14:55	9/20/2023 21:02	367	0
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1514004	9/20/2023 14:59	9/21/2023 0:28	569	0
980398	9/20/2023 14:59	9/20/2023 21:06	367	0
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321287	9/20/2023 15:03	9/21/2023 0:28	565	0
1600016	9/20/2023 15:05	9/20/2023 21:18	373	0
859747	9/20/2023 15:09	9/21/2023 0:28	559	0
511266	9/20/2023 15:09	9/20/2023 21:16	367	0
507365	9/20/2023 15:10	9/21/2023 0:28	558	0
8206792	9/20/2023 15:10	9/20/2023 21:16	366	0
510307	9/20/2023 15:10	9/21/2023 0:28	558	0
860281	9/20/2023 15:10	9/20/2023 21:07	357	0
1433697	9/20/2023 15:11	9/20/2023 15:29	18	0
1552248	9/20/2023 15:15	9/20/2023 21:17	362	0
1406535	9/20/2023 15:15	9/21/2023 0:28	553	0
7533405	9/20/2023 15:16	9/20/2023 21:49	393	0
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1433697	9/20/2023 22:28	9/20/2023 22:29	1	0
1433697	9/20/2023 22:29	9/20/2023 23:28	59	0
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1433697	9/20/2023 23:29	9/21/2023 0:08	39	0
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1301093	9/21/2023 0:11	9/21/2023 10:00	588	0
507365	9/21/2023 0:28	9/21/2023 10:00	571	0
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1358945	9/21/2023 0:28	9/21/2023 9:34	546	0
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1430838	9/21/2023 0:28	9/21/2023 9:32	544	0
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1299402	9/21/2023 0:28	9/21/2023 9:58	570	0

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1526024	9/21/2023 0:28	9/21/2023 10:00	571	0
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8910809	9/21/2023 0:28	9/21/2023 10:00	571	0
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353728	9/21/2023 4:28	9/21/2023 4:32	4	0
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1516739	9/21/2023 7:52	9/21/2023 10:00	127	0
1583853	9/21/2023 8:02	9/21/2023 10:00	117	0

308959	9/21/2023 8:02	9/21/2023 8:03	1	0
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1594081	9/21/2023 8:03	9/21/2023 10:00	116	0
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315345	9/21/2023 8:08	9/21/2023 10:00	111	0
204700	9/21/2023 8:08	9/21/2023 10:00	111	0
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317768	9/21/2023 8:32	9/21/2023 10:00	87	0
317053	9/21/2023 8:32	9/21/2023 10:00	87	0
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318815	9/21/2023 8:32	9/21/2023 10:00	87	0
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303811	9/21/2023 8:43	9/21/2023 10:00	76.8	0
26864	9/21/2023 8:44	9/21/2023 10:00	75.8	0
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6992958	9/21/2023 8:52	9/21/2023 10:00	67	0
523489	9/21/2023 8:54	9/21/2023 10:00	65.8	0.04
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1681747	9/21/2023 8:55	9/21/2023 10:00	64	0
10510361	9/21/2023 8:57	9/21/2023 10:00	62.8	0
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317100	9/21/2023 9:02	9/21/2023 10:00	57	0
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308959	9/21/2023 9:03	9/21/2023 9:55	52	0
8950281	9/21/2023 9:03	9/21/2023 10:00	56	0
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323795	9/21/2023 9:04	9/21/2023 10:00	55	0
1101945	9/21/2023 9:08	9/21/2023 10:00	51	0
9075059	9/21/2023 9:11	9/21/2023 10:00	48	0
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860281	9/21/2023 10:00	9/22/2023 0:28	868	0
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8104722	9/21/2023 10:08	9/21/2023 14:12	244	0.03
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324290	9/21/2023 10:08	9/21/2023 21:10	662	0
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319726	9/21/2023 10:08	9/21/2023 14:10	242	0
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378229	9/21/2023 10:28	9/22/2023 0:28	840	1.23
954332	9/21/2023 10:28	9/22/2023 0:28	840	0
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274064	9/21/2023 10:35	9/21/2023 11:35	60	0
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6761269	9/21/2023 10:39	9/22/2023 0:28	829	0.15
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793690	9/21/2023 10:40	9/21/2023 11:42	62	0
8668965	9/21/2023 10:40	9/21/2023 11:41	61	0
1451744	9/21/2023 10:41	9/21/2023 11:10	29	0
259674	9/21/2023 10:42	9/21/2023 14:31	229	0
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345647	9/21/2023 10:44	9/21/2023 21:21	637	0
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9993140	9/21/2023 10:59	9/21/2023 21:20	621	0
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8909293	9/21/2023 11:02	9/21/2023 21:19	617	0.05
6992958	9/21/2023 11:03	9/22/2023 0:28	805	0.04
1594081	9/21/2023 11:03	9/21/2023 12:33	90	0
313954	9/21/2023 11:03	9/21/2023 21:02	599	0
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8621797	9/21/2023 11:06	9/21/2023 14:28	202	0
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6503956	9/21/2023 11:08	9/21/2023 21:18	610	0
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1681747	9/21/2023 11:09	9/22/2023 0:28	799	0
1451744	9/21/2023 11:10	9/21/2023 11:52	42	0.41
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308959	9/21/2023 11:10	9/21/2023 11:11	1	0
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559872	9/21/2023 11:11	9/21/2023 21:14	603	0
2032900	9/21/2023 11:11	9/21/2023 21:05	594	0

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344958	9/21/2023 11:13	9/22/2023 0:28	795	1.53
1400258	9/21/2023 11:15	9/21/2023 13:14	119	0
1301093	9/21/2023 11:15	9/21/2023 21:13	598	0
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317053	9/21/2023 11:16	9/21/2023 11:32	16	0
345957	9/21/2023 11:16	9/22/2023 0:28	792	0.61
547577	9/21/2023 11:16	9/22/2023 0:28	792	0
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549617	9/21/2023 11:25	9/21/2023 21:14	589	0.07
549596	9/21/2023 11:26	9/21/2023 21:20	594	0
353728	9/21/2023 11:28	9/22/2023 10:00	1351	0
318848	9/21/2023 11:29	9/21/2023 12:32	63	0
596091	9/21/2023 11:30	9/21/2023 21:18	588	0
309233	9/21/2023 11:32	9/21/2023 11:47	15	0.32
318815	9/21/2023 11:32	9/21/2023 12:30	58	0
1599629	9/21/2023 11:32	9/21/2023 11:48	16	0
265473	9/21/2023 11:32	9/21/2023 11:47	15	0
317053	9/21/2023 11:32	9/21/2023 12:30	58	0
317768	9/21/2023 11:32	9/21/2023 12:33	61	0.09
330528	9/21/2023 11:33	9/21/2023 11:53	20	0.23
1358945	9/21/2023 11:33	9/21/2023 11:47	14	0
1583853	9/21/2023 11:33	9/21/2023 11:49	16	0
275018	9/21/2023 11:34	9/21/2023 12:37	63	0
8068454	9/21/2023 11:35	9/21/2023 11:51	16	0
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6168330	9/21/2023 11:36	9/21/2023 11:52	16	0
496500	9/21/2023 11:36	9/21/2023 11:52	16	0
330485	9/21/2023 11:37	9/21/2023 11:48	11	0
790670	9/21/2023 11:37	9/21/2023 12:40	63	0
510307	9/21/2023 11:37	9/21/2023 15:30	233	0
8590289	9/21/2023 11:38	9/21/2023 14:41	183	0
1576533	9/21/2023 11:38	9/21/2023 12:20	42	0
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8668965	9/21/2023 11:41	9/21/2023 14:55	194	0

793638	9/21/2023 11:41	9/21/2023 12:38	57	0.08
1247921	9/21/2023 11:41	9/21/2023 12:38	57	0
507365	9/21/2023 11:41	9/21/2023 14:39	178	0
511266	9/21/2023 11:41	9/21/2023 14:40	179	0
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793690	9/21/2023 11:42	9/21/2023 12:39	57	0
1393633	9/21/2023 11:44	9/21/2023 11:59	15	0.16
1513240	9/21/2023 11:46	9/21/2023 12:18	32	0.14
309233	9/21/2023 11:47	9/21/2023 12:03	16	0.08
1358945	9/21/2023 11:47	9/21/2023 16:31	284	0
265473	9/21/2023 11:47	9/21/2023 13:07	80	0
330485	9/21/2023 11:48	9/21/2023 12:51	63	0
1599629	9/21/2023 11:48	9/21/2023 12:04	16	0
1583853	9/21/2023 11:49	9/21/2023 12:00	11	0
311273	9/21/2023 11:49	9/21/2023 12:04	15	0
6583289	9/21/2023 11:51	9/21/2023 12:49	58	0
308959	9/21/2023 11:51	9/21/2023 12:06	15	0.15
1362130	9/21/2023 11:51	9/21/2023 12:06	15	0
8068454	9/21/2023 11:51	9/21/2023 13:52	121	0
1451744	9/21/2023 11:52	9/21/2023 13:52	120	0.53
496500	9/21/2023 11:52	9/21/2023 16:15	263	0
6168330	9/21/2023 11:52	9/21/2023 14:03	131	0
330528	9/21/2023 11:53	9/21/2023 12:48	55	0.09
1310926	9/21/2023 11:54	9/21/2023 12:54	60	0
1309098	9/21/2023 11:56	9/21/2023 12:53	57	0.22
1393633	9/21/2023 11:59	9/21/2023 12:15	16	0.02
1583853	9/21/2023 12:00	9/21/2023 14:20	140	0
6564583	9/21/2023 12:00	9/22/2023 10:00	1319	0
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1525793	9/21/2023 12:02	9/21/2023 12:13	11	0
309233	9/21/2023 12:03	9/21/2023 12:50	47	0.05
1462990	9/21/2023 12:04	9/21/2023 13:07	63	0
311273	9/21/2023 12:04	9/21/2023 12:52	48	0
1518507	9/21/2023 12:04	9/22/2023 0:28	744	0.01
1599629	9/21/2023 12:04	9/22/2023 10:00	1315	0.15
308959	9/21/2023 12:06	9/21/2023 12:21	15	0
1362130	9/21/2023 12:06	9/21/2023 13:51	105	0
988954	9/21/2023 12:06	9/21/2023 12:22	16	0
1518000	9/21/2023 12:09	9/22/2023 0:28	739	0
578557	9/21/2023 12:12	9/22/2023 10:00	1307	0
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1309098	9/21/2023 14:24	9/21/2023 14:39	15	0
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664453	9/21/2023 14:28	9/21/2023 14:39	11	0
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6995795	9/21/2023 14:40	9/22/2023 0:28	588	0
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317100	9/21/2023 15:46	9/21/2023 16:02	16	0

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317100	9/21/2023 16:02	9/22/2023 0:28	506	0
1251782	9/21/2023 16:03	9/21/2023 21:15	312	0.15
817260	9/21/2023 16:04	9/22/2023 0:28	504	0
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589615	9/21/2023 20:18	9/22/2023 10:00	821.15	0
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1309098	9/21/2023 21:08	9/22/2023 10:00	771	0
51483	9/21/2023 21:08	9/22/2023 8:15	667	0
1583853	9/21/2023 21:08	9/22/2023 10:00	771	0
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8766703	9/21/2023 21:11	9/22/2023 10:00	768	0
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1594081	9/21/2023 21:19	9/22/2023 8:31	672	0
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315345	9/22/2023 0:28	9/22/2023 8:26	478	0
1681747	9/22/2023 0:28	9/22/2023 10:00	571	0
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860281	9/22/2023 0:28	9/22/2023 9:21	533	0
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954332	9/22/2023 0:28	9/22/2023 10:00	571	0
1565203	9/22/2023 0:28	9/22/2023 8:15	467	0
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378229	9/22/2023 0:28	9/22/2023 10:00	571	0
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6992958	9/22/2023 0:28	9/22/2023 10:00	571	0
506261	9/22/2023 0:28	9/22/2023 9:37	549	0
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496500	9/22/2023 0:28	9/22/2023 10:00	571	0
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1356945	9/22/2023 0:28	9/22/2023 10:00	571	0
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6961293	9/22/2023 0:28	9/22/2023 10:00	571	0
854579	9/22/2023 0:28	9/22/2023 9:35	547	0
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6761269	9/22/2023 0:28	9/22/2023 10:00	571	0
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326791	9/22/2023 0:28	9/22/2023 10:00	571	0
587455	9/22/2023 0:28	9/22/2023 10:00	571	0
980398	9/22/2023 0:28	9/22/2023 9:38	550	0
817260	9/22/2023 0:28	9/22/2023 10:00	571	0

1518507	9/22/2023 0:28	9/22/2023 10:00	571	0
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854585	9/22/2023 0:28	9/22/2023 10:00	571	0
309233	9/22/2023 0:28	9/22/2023 10:00	571	0
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6168330	9/22/2023 0:52	9/22/2023 10:00	547	0
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308959	9/22/2023 7:04	9/22/2023 7:20	16	0
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51483	9/22/2023 8:15	9/22/2023 10:00	104	0
8950281	9/22/2023 8:18	9/22/2023 10:00	101	0
317233	9/22/2023 8:24	9/22/2023 10:00	95	0
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1594081	9/22/2023 8:31	9/22/2023 10:00	88	0
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319726	9/22/2023 8:41	9/22/2023 10:00	78	0
1360948	9/22/2023 8:46	9/22/2023 10:00	74	0
324290	9/22/2023 8:54	9/22/2023 10:00	65	0
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859747	9/22/2023 9:22	9/22/2023 10:00	37	0
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1430553	9/22/2023 9:31	9/22/2023 10:00	28	0
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506261	9/22/2023 9:37	9/22/2023 10:00	22	0
1362130	9/22/2023 9:38	9/22/2023 10:00	21	0
980398	9/22/2023 9:38	9/22/2023 10:00	21	0
8502011	9/22/2023 9:38	9/22/2023 10:00	21	0

1363588	9/22/2023 9:39	9/22/2023 10:00	20	0
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1494722	9/22/2023 9:45	9/22/2023 10:00	14	0
1393699	9/22/2023 9:45	9/22/2023 10:00	14	0
1358503	9/22/2023 9:46	9/22/2023 10:00	13	0
1358945	9/22/2023 9:46	9/22/2023 10:00	13	0
1361543	9/22/2023 9:49	9/22/2023 10:00	10	0
325050	9/22/2023 9:51	9/22/2023 10:00	8	0
323747	9/22/2023 9:51	9/22/2023 10:00	8	0
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6995795	9/22/2023 9:55	9/22/2023 10:00	4	0
381982	9/22/2023 9:56	9/22/2023 10:00	3	0
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7879030	9/22/2023 9:56	9/22/2023 10:00	3	0
1493132	9/22/2023 9:59	9/22/2023 10:00	0	0
1466638	9/22/2023 9:59	9/22/2023 10:00	0	0
498070	9/22/2023 10:00	9/22/2023 14:20	260	0
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564357	9/22/2023 10:00	9/23/2023 10:00	1439	0
571143	9/22/2023 10:00	9/22/2023 11:20	80	0
523489	9/22/2023 10:00	9/22/2023 11:25	85	0
353728	9/22/2023 10:00	9/22/2023 14:51	291	0
264186	9/22/2023 10:00	9/23/2023 10:00	1439	0
1308096	9/22/2023 10:00	9/23/2023 10:00	1439	0
1360948	9/22/2023 10:00	9/22/2023 20:21	621	0
772378	9/22/2023 10:00	9/22/2023 14:22	262	0
1400258	9/22/2023 10:00	9/22/2023 13:45	225	0
308959	9/22/2023 10:00	9/22/2023 11:13	73	0
1390184	9/22/2023 10:00	9/22/2023 21:20	680	0.28
1247921	9/22/2023 10:00	9/22/2023 11:54	114	0
344958	9/22/2023 10:00	9/23/2023 10:00	1439	0
637185	9/22/2023 10:00	9/23/2023 10:00	1439	0
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980398	9/22/2023 10:15	9/22/2023 16:41	386	2.33
587455	9/22/2023 10:16	9/23/2023 0:28	852	0
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316971	9/22/2023 10:22	9/22/2023 11:41	79	0
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7879030	9/22/2023 10:26	9/23/2023 0:28	842	0
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10013697	9/22/2023 10:52	9/22/2023 11:08	16	0
1551510	9/22/2023 10:53	9/22/2023 11:09	16	0
793690	9/22/2023 10:54	9/22/2023 11:56	62	0
324290	9/22/2023 10:55	9/23/2023 0:28	813	0.15
317126	9/22/2023 10:55	9/22/2023 11:38	43	0
345647	9/22/2023 10:56	9/23/2023 0:28	812	0
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346288	9/22/2023 10:58	9/23/2023 0:28	810	0.19
1301093	9/22/2023 10:58	9/23/2023 0:28	810	1.5
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1465703	9/22/2023 11:03	9/22/2023 14:25	202	0.07
1594081	9/22/2023 11:03	9/22/2023 14:35	212	0
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1594192	9/22/2023 11:04	9/22/2023 14:32	208	0
499998	9/22/2023 11:04	9/22/2023 14:22	198	0.22
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8068454	9/22/2023 11:08	9/23/2023 0:28	800	0.12
8590289	9/22/2023 11:08	9/22/2023 11:40	32	0
10013697	9/22/2023 11:08	9/22/2023 11:40	32	0
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1270985	9/22/2023 11:09	9/22/2023 11:25	16	0
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1431804	9/22/2023 11:19	9/22/2023 21:15	596	0
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1432827	9/22/2023 11:19	9/22/2023 21:16	597	0
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274064	9/22/2023 11:20	9/22/2023 21:19	599	0
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656628	9/22/2023 11:25	9/22/2023 20:59	574	0.07
1093833	9/22/2023 11:26	9/22/2023 11:53	27	0
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51957	9/22/2023 11:33	9/22/2023 11:49	16	0
449036	9/22/2023 11:34	9/22/2023 14:20	166	0.03
860934	9/22/2023 11:34	9/22/2023 12:23	49	0
577134	9/22/2023 11:34	9/23/2023 0:28	774	0.03
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605186	9/22/2023 11:35	9/22/2023 14:05	150	0
729928	9/22/2023 11:35	9/22/2023 12:08	33	0
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9313875	9/22/2023 11:35	9/22/2023 14:36	181	0
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861053	9/22/2023 11:37	9/22/2023 12:22	45	0
8717997	9/22/2023 11:37	9/22/2023 13:22	105	0
315088	9/22/2023 11:37	9/22/2023 11:53	16	0
860281	9/22/2023 11:37	9/22/2023 12:23	46	0
507365	9/22/2023 11:37	9/22/2023 11:52	15	0
508593	9/22/2023 11:37	9/22/2023 11:53	16	0
506261	9/22/2023 11:38	9/22/2023 11:53	15	0
865320	9/22/2023 11:38	9/22/2023 12:22	44	0
8668965	9/22/2023 11:38	9/22/2023 11:54	16	0
315306	9/22/2023 11:38	9/22/2023 11:54	16	0
317233	9/22/2023 11:38	9/22/2023 11:55	17	0.01
8104722	9/22/2023 11:38	9/22/2023 11:53	15	0
865262	9/22/2023 11:38	9/22/2023 12:22	44	0
317126	9/22/2023 11:38	9/22/2023 11:54	16	0
510307	9/22/2023 11:39	9/22/2023 11:55	16	0
1551513	9/22/2023 11:39	9/22/2023 12:35	56	0
601397	9/22/2023 11:39	9/22/2023 14:51	192	0
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903630	9/22/2023 11:39	9/22/2023 13:21	102	0
1552154	9/22/2023 11:40	9/22/2023 15:39	239	0.07
315345	9/22/2023 11:40	9/22/2023 11:56	16	0.08
10013697	9/22/2023 11:40	9/22/2023 12:35	55	0
314899	9/22/2023 11:40	9/22/2023 11:56	16	0
1550815	9/22/2023 11:40	9/22/2023 15:38	238	0

315346	9/22/2023 11:40	9/22/2023 11:56	16	0
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316997	9/22/2023 11:40	9/22/2023 11:55	15	0
8387677	9/22/2023 11:40	9/22/2023 11:56	16	0
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8950281	9/22/2023 11:47	9/22/2023 12:12	25	0
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309233	9/22/2023 11:49	9/22/2023 12:12	23	0
330528	9/22/2023 11:50	9/22/2023 14:35	165	0.1
51483	9/22/2023 11:50	9/22/2023 12:00	10	0
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790670	9/22/2023 11:52	9/22/2023 12:17	25	0
8104722	9/22/2023 11:53	9/22/2023 12:35	42	0
508593	9/22/2023 11:53	9/22/2023 14:25	152	0
1093833	9/22/2023 11:53	9/22/2023 14:28	155	0
506261	9/22/2023 11:53	9/22/2023 14:25	152	0.04
791510	9/22/2023 11:53	9/22/2023 12:39	46	0
315088	9/22/2023 11:53	9/22/2023 12:23	30	0
315306	9/22/2023 11:54	9/22/2023 12:29	35	0
8668965	9/22/2023 11:54	9/22/2023 14:40	166	0
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317126	9/22/2023 11:54	9/22/2023 12:35	41	0
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8590289	9/22/2023 11:55	9/22/2023 14:42	167	0
510307	9/22/2023 11:55	9/22/2023 14:54	179	0.03
8206792	9/22/2023 11:55	9/22/2023 12:39	44	0
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314899	9/22/2023 11:56	9/22/2023 12:26	30	0
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8148103	9/22/2023 11:56	9/22/2023 12:26	30	0
793285	9/22/2023 11:56	9/22/2023 12:12	16	0
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8387677	9/22/2023 11:56	9/22/2023 12:25	29	0

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315345	9/22/2023 11:56	9/22/2023 12:34	38	0.03
6714863	9/22/2023 11:57	9/22/2023 12:12	15	0
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729928	9/22/2023 12:08	9/22/2023 14:33	145	0
1247921	9/22/2023 12:09	9/22/2023 14:11	122	0.07
51957	9/22/2023 12:10	9/22/2023 14:17	127	0.05
793690	9/22/2023 12:11	9/22/2023 12:36	25	0
6714863	9/22/2023 12:12	9/22/2023 14:10	118	0
309233	9/22/2023 12:12	9/22/2023 12:46	34	0.01
8950281	9/22/2023 12:12	9/22/2023 14:16	124	0
793285	9/22/2023 12:12	9/22/2023 14:09	117	0.16
8564413	9/22/2023 12:12	9/23/2023 10:00	1307	0
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790670	9/22/2023 12:17	9/22/2023 14:10	113	0
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860281	9/22/2023 12:23	9/22/2023 16:35	252	0
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315346	9/22/2023 12:23	9/22/2023 14:12	109	0
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315345	9/22/2023 14:24	9/22/2023 14:40	16	0
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793285	9/22/2023 14:25	9/22/2023 21:15	410	0
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793638	9/22/2023 14:37	9/22/2023 15:09	32	0
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1594635	9/22/2023 15:04	9/22/2023 21:21	377	0
1594192	9/22/2023 15:04	9/23/2023 0:28	564	0
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1517747	9/22/2023 16:12	9/22/2023 16:37	25	0
304295	9/22/2023 16:16	9/22/2023 21:25	309	0
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7937779	9/23/2023 0:28	9/23/2023 9:57	569	0
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346288	9/23/2023 0:28	9/23/2023 10:00	571	0
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793638	9/23/2023 0:28	9/23/2023 10:00	571	0
308959	9/23/2023 7:36	9/23/2023 10:00	143.8	0
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1518000	9/23/2023 8:22	9/23/2023 10:00	97	0
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8604423	9/23/2023 8:57	9/23/2023 10:00	62	0
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415131	9/23/2023 9:00	9/23/2023 10:00	59	0
311273	9/23/2023 9:01	9/23/2023 10:00	58.8	0
589615	9/23/2023 9:02	9/23/2023 10:00	57.15	0
325050	9/23/2023 9:05	9/23/2023 10:00	54	0
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1494722	9/23/2023 9:11	9/23/2023 10:00	48	0
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1321605	9/23/2023 9:24	9/23/2023 10:00	35	0
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8766703	9/23/2023 9:29	9/23/2023 10:00	30	0
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1272457	9/23/2023 9:30	9/23/2023 10:00	29	0
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315346	9/23/2023 9:37	9/23/2023 10:00	22	0
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498070	9/23/2023 9:51	9/23/2023 10:00	8	0
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7937779	9/23/2023 9:57	9/23/2023 10:00	2	0
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10510361	9/23/2023 10:00	9/23/2023 13:10	190	0
1417138	9/23/2023 10:00	9/23/2023 11:49	109	0
793638	9/23/2023 10:00	9/23/2023 15:39	339	0
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1431804	9/23/2023 11:21	9/23/2023 13:06	105	0
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800600	9/23/2023 11:24	9/23/2023 14:22	178	0
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507365	9/23/2023 11:39	9/23/2023 14:37	178	0
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8668965	9/23/2023 11:40	9/23/2023 14:40	180	0
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506261	9/23/2023 11:41	9/23/2023 14:40	179	0
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590897	9/23/2023 11:46	9/23/2023 13:15	89	0
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1451744	9/23/2023 11:52	9/23/2023 12:08	16	0
605186	9/23/2023 11:53	9/23/2023 14:36	163	0
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729928	9/23/2023 12:01	9/23/2023 14:33	152	0
1526024	9/23/2023 12:03	9/23/2023 12:45	42	0

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588892	9/23/2023 13:00	9/23/2023 14:45	105	0
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8104722	9/23/2023 14:25	9/23/2023 14:42	17	0
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317233	9/23/2023 14:25	9/23/2023 14:41	16	0
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817825	9/23/2023 14:31	9/23/2023 14:47	16	0
449036	9/23/2023 14:32	9/24/2023 0:28	596	0
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455994	9/23/2023 14:36	9/23/2023 20:33	357	0
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315345	9/23/2023 14:38	9/23/2023 20:51	373	0
645339	9/23/2023 14:39	9/23/2023 20:52	373	0
1704326	9/23/2023 14:39	9/24/2023 0:28	589	0
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8068454	9/23/2023 14:39	9/24/2023 0:28	589	0
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315484	9/23/2023 16:09	9/24/2023 0:28	499	0
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1493132	9/23/2023 16:47	9/24/2023 8:58	971	0
1466638	9/23/2023 16:51	9/24/2023 0:28	457	0
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523489	9/23/2023 19:50	9/24/2023 8:42	772	0
1462990	9/23/2023 19:50	9/24/2023 10:00	849.4	0
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317233	9/23/2023 20:37	9/24/2023 9:40	783	0
1363588	9/23/2023 20:38	9/24/2023 10:00	801	0
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817825	9/23/2023 20:38	9/24/2023 10:00	801	0
1358945	9/23/2023 20:38	9/24/2023 9:49	791	0
588892	9/23/2023 20:39	9/24/2023 10:00	800	0
1361543	9/23/2023 20:40	9/24/2023 9:46	786	0
309265	9/23/2023 20:40	9/24/2023 10:00	799	0
455345	9/23/2023 20:41	9/24/2023 10:00	798	0
1513240	9/23/2023 20:41	9/24/2023 10:00	798	0
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274064	9/23/2023 20:43	9/24/2023 10:00	796	0
1362130	9/23/2023 20:44	9/24/2023 9:41	777	0
801004	9/23/2023 20:44	9/24/2023 10:00	795	0
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587455	9/23/2023 20:51	9/24/2023 10:00	788	0
315345	9/23/2023 20:51	9/24/2023 9:38	767	0
315306	9/23/2023 20:51	9/24/2023 10:00	788	0
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572882	9/23/2023 20:52	9/24/2023 10:00	787	0
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8104722	9/24/2023 0:28	9/24/2023 9:40	552	0
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6961293	9/24/2023 0:28	9/24/2023 10:00	571	0
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1525793	9/24/2023 0:28	9/24/2023 10:00	571	0
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455629	9/24/2023 0:28	9/24/2023 10:00	571	0
1301093	9/24/2023 0:28	9/24/2023 10:00	571	0
1527695	9/24/2023 0:28	9/24/2023 10:00	571	0
808384	9/24/2023 0:28	9/24/2023 10:00	571	0
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316997	9/24/2023 0:28	9/24/2023 10:00	571	0
506261	9/24/2023 0:28	9/24/2023 10:00	571	0
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8068454	9/24/2023 0:28	9/24/2023 10:00	571	0
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997397	9/24/2023 0:28	9/24/2023 10:00	571	0
8668965	9/24/2023 0:28	9/24/2023 10:00	571	0
1193174	9/24/2023 0:28	9/24/2023 10:00	571	0
330528	9/24/2023 0:28	9/24/2023 8:06	458	0
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325050	9/24/2023 0:28	9/24/2023 10:00	571	0
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1251782	9/24/2023 0:28	9/24/2023 10:00	571	0
817260	9/24/2023 0:28	9/24/2023 9:58	570	0
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1430553	9/24/2023 0:28	9/24/2023 9:33	545	0
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8590289	9/24/2023 0:28	9/24/2023 10:00	571	0
317126	9/24/2023 0:28	9/24/2023 10:00	571	0
1565203	9/24/2023 0:28	9/24/2023 8:16	468	0
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1093833	9/24/2023 0:28	9/24/2023 10:00	571	0
315346	9/24/2023 0:28	9/24/2023 9:39	551	0
1320646	9/24/2023 0:28	9/24/2023 10:00	571	0
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793690	9/24/2023 0:50	9/24/2023 10:00	549	0
980398	9/24/2023 0:53	9/24/2023 9:33	520	0
1433697	9/24/2023 1:17	9/24/2023 1:29	12	0

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308959	9/24/2023 7:02	9/24/2023 10:00	177.8	0
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523489	9/24/2023 8:42	9/24/2023 10:00	77.8	0
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1466638	9/24/2023 9:23	9/24/2023 9:54	31	0
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8766703	9/24/2023 9:26	9/24/2023 10:00	33	0
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980398	9/24/2023 9:33	9/24/2023 10:00	26	0
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315345	9/24/2023 9:38	9/24/2023 10:00	21	0
315346	9/24/2023 9:39	9/24/2023 10:00	20	0
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317233	9/24/2023 9:40	9/24/2023 10:00	19	0
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664453	9/24/2023 9:42	9/24/2023 10:00	17	0
1321605	9/24/2023 9:43	9/24/2023 10:00	16	0
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1361543	9/24/2023 9:46	9/24/2023 10:00	13	0
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1466638	9/24/2023 9:54	9/24/2023 10:00	5	0
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1494722	9/24/2023 9:57	9/24/2023 10:00	2	0
817260	9/24/2023 9:58	9/24/2023 10:00	1	0
2032900	9/24/2023 9:58	9/24/2023 10:00	1	0
1393699	9/24/2023 9:59	9/24/2023 10:00	0	0
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705447	9/24/2023 10:00	9/25/2023 10:00	1439	0
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264186	9/24/2023 10:00	9/25/2023 10:00	1439	0
587455	9/24/2023 10:00	9/24/2023 20:11	611	0
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315345	9/24/2023 10:09	9/24/2023 14:10	241	0
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1400258	9/24/2023 10:14	9/24/2023 19:37	563	0
980398	9/24/2023 10:15	9/24/2023 20:39	624	0
1358945	9/24/2023 10:16	9/25/2023 0:28	852	0
1565203	9/24/2023 10:16	9/24/2023 21:07	651	0
1358503	9/24/2023 10:17	9/24/2023 20:53	636	0
1582130	9/24/2023 10:17	9/24/2023 11:30	73	0
274064	9/24/2023 10:18	9/24/2023 14:19	241	0
1361543	9/24/2023 10:18	9/25/2023 0:28	850	0
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1430553	9/24/2023 10:20	9/24/2023 20:29	609	0
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455994	9/24/2023 10:20	9/24/2023 11:33	73	0
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325050	9/24/2023 10:21	9/24/2023 20:51	630	0
1368745	9/24/2023 10:21	9/24/2023 14:21	240	0

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791510	9/24/2023 10:25	9/24/2023 20:28	603	0
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323747	9/24/2023 10:26	9/24/2023 20:56	630	0
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1393699	9/24/2023 10:26	9/25/2023 0:28	842	0
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1494722	9/24/2023 10:28	9/24/2023 11:00	32	0
816722	9/24/2023 10:32	9/25/2023 0:28	836	0
817825	9/24/2023 10:33	9/24/2023 20:26	593	0
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8668965	9/24/2023 10:36	9/24/2023 20:39	603	0
21820	9/24/2023 10:37	9/24/2023 11:54	77	0
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1356945	9/24/2023 10:38	9/24/2023 14:28	230	0
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1301093	9/24/2023 11:01	9/24/2023 21:04	603	0

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563721	9/24/2023 11:18	9/24/2023 20:50	572	0
1431804	9/24/2023 11:19	9/24/2023 21:02	583	0
1462990	9/24/2023 11:19	9/24/2023 12:06	47	0
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1465703	9/24/2023 11:22	9/24/2023 20:54	572	0
1586610	9/24/2023 11:23	9/24/2023 21:01	578	0
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1451744	9/24/2023 11:25	9/24/2023 20:57	572	0
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454861	9/24/2023 11:32	9/24/2023 11:48	16	0
328113	9/24/2023 11:32	9/24/2023 13:33	121	0
455994	9/24/2023 11:33	9/24/2023 11:50	17	0
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1526024	9/24/2023 11:35	9/24/2023 11:52	17	0
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1525793	9/24/2023 11:36	9/24/2023 11:52	16	0
457978	9/24/2023 11:36	9/24/2023 11:51	15	0
1527339	9/24/2023 11:36	9/24/2023 11:52	16	0
455629	9/24/2023 11:36	9/24/2023 11:48	12	0
455345	9/24/2023 11:36	9/24/2023 11:52	16	0
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454861	9/24/2023 11:48	9/24/2023 12:03	15	0
455629	9/24/2023 11:48	9/24/2023 14:03	135	0
854579	9/24/2023 11:49	9/24/2023 12:05	16	0
449036	9/24/2023 11:49	9/24/2023 14:48	179	0
729928	9/24/2023 11:49	9/24/2023 12:05	16	0

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1417138	9/24/2023 11:50	9/24/2023 12:22	32	0
455994	9/24/2023 11:50	9/24/2023 12:04	14	0
456099	9/24/2023 11:50	9/24/2023 12:06	16	0
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1526024	9/24/2023 11:52	9/24/2023 12:07	15	0
455345	9/24/2023 11:52	9/24/2023 12:07	15	0
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21820	9/24/2023 11:54	9/24/2023 12:05	11	0
1320646	9/24/2023 11:55	9/24/2023 14:58	183	0
1321605	9/24/2023 11:55	9/24/2023 20:24	509	0
1320008	9/24/2023 11:56	9/25/2023 0:28	752	0
564518	9/24/2023 11:56	9/24/2023 13:41	105	0
1320619	9/24/2023 11:57	9/24/2023 12:38	41	0
2032900	9/24/2023 11:57	9/24/2023 14:56	179	0
1582130	9/24/2023 12:02	9/25/2023 10:00	1317	0
454861	9/24/2023 12:03	9/24/2023 14:04	121	0
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854579	9/24/2023 12:05	9/25/2023 10:00	1314	0
21820	9/24/2023 12:05	9/24/2023 14:37	152	0
729928	9/24/2023 12:05	9/24/2023 14:26	141	0
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1462990	9/24/2023 12:06	9/24/2023 12:22	16	0
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455345	9/24/2023 12:07	9/24/2023 14:03	116	0
1526024	9/24/2023 12:07	9/24/2023 13:52	105	0
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854585	9/24/2023 12:11	9/25/2023 10:00	1308	0
1462990	9/24/2023 12:22	9/24/2023 13:04	42	0
1417138	9/24/2023 12:22	9/24/2023 14:22	120	0
1433697	9/24/2023 12:26	9/24/2023 12:29	3	0
1433697	9/24/2023 12:29	9/24/2023 13:26	57	0
455994	9/24/2023 12:36	9/24/2023 14:22	106	0
1320619	9/24/2023 12:38	9/24/2023 14:54	136	0
8495805	9/24/2023 12:55	9/24/2023 13:21	26	0
645339	9/24/2023 13:01	9/24/2023 14:41	100	0
808384	9/24/2023 13:01	9/24/2023 14:36	95	0
808829	9/24/2023 13:02	9/24/2023 14:10	68	0
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1462990	9/24/2023 13:04	9/24/2023 13:19	15	0
10510361	9/24/2023 13:10	9/24/2023 20:04	414	0

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1462990	9/24/2023 13:19	9/24/2023 19:52	393	0
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454861	9/24/2023 14:04	9/24/2023 14:51	47	0
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457729	9/24/2023 14:07	9/24/2023 14:49	42	0
315346	9/24/2023 14:08	9/24/2023 15:11	63	0
316997	9/24/2023 14:08	9/24/2023 15:11	63	0
1387226	9/24/2023 14:08	9/24/2023 14:24	16	0
316630	9/24/2023 14:09	9/24/2023 21:03	414	0
313954	9/24/2023 14:09	9/24/2023 20:58	409	0
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317233	9/24/2023 14:12	9/24/2023 15:10	58	0
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547577	9/24/2023 14:21	9/24/2023 14:37	16	0
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859747	9/24/2023 14:22	9/24/2023 15:20	58	0
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344958	9/24/2023 14:24	9/24/2023 14:40	16	0
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345957	9/24/2023 14:24	9/24/2023 14:40	16	0
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1362130	9/24/2023 14:32	9/24/2023 14:48	16	0
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445867	9/24/2023 14:32	9/24/2023 21:00	388	0
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808384	9/24/2023 14:36	9/24/2023 20:22	346	0
274125	9/24/2023 14:37	9/25/2023 0:28	591	0
21820	9/24/2023 14:37	9/24/2023 20:44	367	0
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317126	9/24/2023 14:39	9/24/2023 21:07	388	0
346135	9/24/2023 14:39	9/24/2023 14:53	14	0
204700	9/24/2023 14:39	9/24/2023 20:47	368	0
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344958	9/24/2023 14:40	9/24/2023 14:55	15	0
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1362130	9/24/2023 14:48	9/24/2023 15:30	42	0
51483	9/24/2023 14:49	9/24/2023 20:51	362	0
457729	9/24/2023 14:49	9/24/2023 21:00	371	0
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8950281	9/24/2023 14:50	9/24/2023 20:57	367	0
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454861	9/24/2023 14:51	9/24/2023 20:54	363	0
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346135	9/24/2023 14:53	9/24/2023 15:10	17	0
8511715	9/24/2023 14:53	9/24/2023 21:00	367	0
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344958	9/24/2023 14:55	9/24/2023 15:06	11	0
1387226	9/24/2023 14:55	9/24/2023 20:36	341	0
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1388092	9/24/2023 14:57	9/25/2023 0:28	571	0
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1363415	9/24/2023 15:03	9/24/2023 20:29	326	0
344958	9/24/2023 15:06	9/24/2023 21:08	362	0
345957	9/24/2023 15:06	9/24/2023 21:03	357	0
315345	9/24/2023 15:08	9/25/2023 0:28	560	0
547577	9/24/2023 15:08	9/24/2023 21:05	357	0
315306	9/24/2023 15:08	9/25/2023 0:28	560	0
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346135	9/24/2023 15:10	9/24/2023 21:03	353	0

317233	9/24/2023 15:10	9/25/2023 0:28	558	0
8387677	9/24/2023 15:10	9/24/2023 21:02	352	0
316997	9/24/2023 15:11	9/24/2023 21:08	357	0
346185	9/24/2023 15:11	9/24/2023 21:08	357	0
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860281	9/24/2023 15:19	9/24/2023 20:18	299	0
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313881	9/24/2023 15:22	9/25/2023 10:00	1117	0
1511264	9/24/2023 15:25	9/24/2023 21:06	341	0
1433697	9/24/2023 15:26	9/24/2023 15:29	3	0
313720	9/24/2023 15:26	9/25/2023 10:00	1113	0
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1362130	9/24/2023 15:30	9/24/2023 16:17	47	0
1363588	9/24/2023 15:30	9/24/2023 16:17	47	0
1395587	9/24/2023 15:32	9/24/2023 20:36	304	0
308959	9/24/2023 15:36	9/24/2023 20:00	264	0
1417279	9/24/2023 15:37	9/24/2023 20:37	300	0
1321750	9/24/2023 15:42	9/25/2023 0:28	526	0
1526024	9/24/2023 15:52	9/25/2023 0:28	516	0
1527339	9/24/2023 15:53	9/24/2023 21:08	315	0
956968	9/24/2023 15:53	9/24/2023 20:25	272	0
1190820	9/24/2023 16:01	9/25/2023 10:00	1078	0
1363588	9/24/2023 16:17	9/24/2023 16:33	16	0
1362130	9/24/2023 16:17	9/24/2023 16:33	16	0
8502011	9/24/2023 16:23	9/24/2023 16:39	16	0
605186	9/24/2023 16:24	9/25/2023 0:28	484	0
1433697	9/24/2023 16:26	9/24/2023 16:29	3	0
1433697	9/24/2023 16:29	9/24/2023 17:26	57	0
1362130	9/24/2023 16:33	9/24/2023 20:39	246	0
1363588	9/24/2023 16:33	9/25/2023 0:28	475	0
6583289	9/24/2023 16:34	9/24/2023 21:13	279	0
330485	9/24/2023 16:37	9/24/2023 21:04	267	0
8502011	9/24/2023 16:39	9/25/2023 0:28	469	0
1433697	9/24/2023 17:26	9/24/2023 17:29	3	0
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353728	9/24/2023 18:03	9/24/2023 21:11	188	0
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7533405	9/24/2023 19:17	9/25/2023 10:00	882	0
1400258	9/24/2023 19:37	9/25/2023 10:00	863	0

1342473	9/24/2023 19:37	9/25/2023 10:00	863	0
1360948	9/24/2023 19:40	9/25/2023 8:29	769	0
589615	9/24/2023 19:40	9/25/2023 10:00	859.15	0
1462990	9/24/2023 19:52	9/25/2023 10:00	847.4	0
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564518	9/24/2023 19:56	9/25/2023 10:00	843	0
8495805	9/24/2023 20:00	9/25/2023 10:00	839.15	0
308959	9/24/2023 20:00	9/25/2023 7:17	677	0
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303811	9/24/2023 20:03	9/25/2023 10:00	836.8	0
7937779	9/24/2023 20:04	9/25/2023 10:00	835	0
10510361	9/24/2023 20:04	9/25/2023 8:39	755	0
523489	9/24/2023 20:07	9/25/2023 8:41	754	0
353371	9/24/2023 20:09	9/25/2023 10:00	830.8	0
571420	9/24/2023 20:09	9/25/2023 10:00	830	0
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587455	9/24/2023 20:11	9/25/2023 9:59	828	0
817260	9/24/2023 20:12	9/25/2023 10:00	827	0
1356945	9/24/2023 20:15	9/25/2023 10:00	824	0
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808384	9/24/2023 20:22	9/25/2023 10:00	817	0
1321605	9/24/2023 20:24	9/25/2023 9:51	807	0
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817825	9/24/2023 20:26	9/25/2023 10:00	813	0
645339	9/24/2023 20:27	9/25/2023 10:00	812	0
2032900	9/24/2023 20:27	9/25/2023 10:00	812	0
791510	9/24/2023 20:28	9/25/2023 5:07	519	0
1430553	9/24/2023 20:29	9/25/2023 9:49	800	0
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859747	9/24/2023 20:29	9/25/2023 10:00	810	0
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1395587	9/24/2023 20:36	9/25/2023 10:00	803	0
1387226	9/24/2023 20:36	9/25/2023 10:00	803	0
793638	9/24/2023 20:36	9/25/2023 9:55	799	0
1417279	9/24/2023 20:37	9/25/2023 10:00	802	0
790670	9/24/2023 20:37	9/25/2023 10:00	802	0
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980398	9/24/2023 20:39	9/25/2023 9:33	774	0
1362130	9/24/2023 20:39	9/25/2023 9:51	792	0
324290	9/24/2023 20:39	9/25/2023 10:00	800	0
8668965	9/24/2023 20:39	9/25/2023 10:00	800	0

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535717	9/24/2023 20:42	9/25/2023 10:00	797	0
793690	9/24/2023 20:42	9/25/2023 10:00	797	0
808829	9/24/2023 20:43	9/25/2023 10:00	796	0
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21820	9/24/2023 20:44	9/25/2023 10:00	795	0
330528	9/24/2023 20:46	9/25/2023 10:00	793	0
1368745	9/24/2023 20:46	9/25/2023 10:00	793	0
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1093833	9/24/2023 20:47	9/25/2023 10:00	792	0
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8590289	9/24/2023 20:56	9/25/2023 10:00	783	0
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8502011	9/25/2023 0:28	9/25/2023 10:00	571	0
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523489	9/25/2023 8:41	9/25/2023 10:00	78.8	0
308959	9/25/2023 8:46	9/25/2023 10:00	73.8	0
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1494722	9/25/2023 9:25	9/25/2023 10:00	34	0
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26864	9/25/2023 9:27	9/25/2023 10:00	32.8	0
1361543	9/25/2023 9:29	9/25/2023 10:00	30	0
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1393699	9/25/2023 9:30	9/25/2023 10:00	29	0
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1358945	9/25/2023 9:31	9/25/2023 10:00	28	0
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315345	9/25/2023 9:39	9/25/2023 10:00	20	0.22
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346288	9/25/2023 10:10	9/25/2023 14:12	242	0
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316997	9/25/2023 10:11	9/25/2023 20:15	604	0
8148103	9/25/2023 10:12	9/25/2023 20:17	605	0
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498070	9/25/2023 10:14	9/26/2023 0:28	854	0
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1361543	9/25/2023 10:16	9/26/2023 0:28	852	0
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957615	9/25/2023 10:18	9/26/2023 0:28	850	0
605186	9/25/2023 10:19	9/26/2023 0:28	849	0
325050	9/25/2023 10:20	9/25/2023 11:20	60	0
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7879030	9/26/2023 9:57	9/26/2023 10:00	2	0
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658177	9/26/2023 20:44	9/27/2023 10:00	795	0
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793638	9/26/2023 20:45	9/27/2023 10:00	794	0
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346288	9/26/2023 20:45	9/27/2023 9:54	789	0
315484	9/26/2023 20:45	9/27/2023 10:00	794	0
316997	9/26/2023 20:45	9/27/2023 10:00	794	0
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854579	9/26/2023 20:48	9/27/2023 9:21	753	0
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274125	9/26/2023 20:49	9/27/2023 10:00	790	0
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1451744	9/26/2023 20:50	9/27/2023 10:00	789	0
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1430553	9/26/2023 20:51	9/27/2023 9:45	774	0
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6761269	9/26/2023 20:51	9/27/2023 9:54	783	0
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1190246	9/26/2023 20:53	9/27/2023 9:24	751	0
956645	9/26/2023 20:53	9/27/2023 10:00	786	0
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499998	9/26/2023 20:54	9/27/2023 10:00	785	0
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469018	9/27/2023 0:28	9/27/2023 10:00	571	0
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816722	9/27/2023 0:28	9/27/2023 10:00	571	0
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1362855	9/27/2023 0:28	9/27/2023 10:00	571	0

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317233	9/27/2023 0:28	9/27/2023 9:39	551	0
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274064	9/27/2023 0:28	9/27/2023 10:00	571	0
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449377	9/27/2023 4:36	9/27/2023 8:24	228	0
791510	9/27/2023 6:34	9/27/2023 10:00	205	0
308959	9/27/2023 7:35	9/27/2023 10:00	144.8	0
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1431804	9/27/2023 8:17	9/27/2023 10:00	102	0
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8950281	9/27/2023 8:18	9/27/2023 10:00	101	0
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733914	9/27/2023 8:20	9/27/2023 10:00	99	0
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1309098	9/27/2023 9:52	9/27/2023 10:00	7	0
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6761269	9/27/2023 9:54	9/27/2023 10:00	5	0
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70866	9/27/2023 10:00	9/28/2023 8:43	1363	0

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314899	9/27/2023 10:00	9/27/2023 20:51	651	0
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1417138	9/27/2023 10:00	9/27/2023 21:01	661	0.5
1466445	9/27/2023 10:00	9/27/2023 20:03	603	0
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1405290	9/27/2023 10:00	9/27/2023 13:31	211	0.18
564357	9/27/2023 10:00	9/28/2023 10:00	1439	0
705447	9/27/2023 10:00	9/28/2023 10:00	1439	0
308959	9/27/2023 10:00	9/27/2023 19:57	597	0
1390184	9/27/2023 10:00	9/28/2023 0:28	868	0.26
854579	9/27/2023 10:00	9/27/2023 20:54	654	0
637185	9/27/2023 10:00	9/28/2023 10:00	1439	0
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523489	9/27/2023 10:00	9/27/2023 19:55	595	0.19
346135	9/27/2023 10:00	9/27/2023 21:04	664	0
317797	9/27/2023 10:00	9/27/2023 19:54	594	0
8766703	9/27/2023 10:00	9/27/2023 20:55	655	0
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319279	9/27/2023 10:00	9/28/2023 8:54	1374	0
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9075059	9/27/2023 10:07	9/27/2023 20:59	652	0

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323747	9/27/2023 10:08	9/27/2023 20:54	646	0
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323657	9/27/2023 10:09	9/27/2023 20:53	644	0.25
1101945	9/27/2023 10:10	9/27/2023 20:56	646	0
346288	9/27/2023 10:10	9/27/2023 20:50	640	0.1
1508563	9/27/2023 10:10	9/27/2023 20:57	647	0.12
1594635	9/27/2023 10:10	9/27/2023 21:07	657	0
960195	9/27/2023 10:10	9/27/2023 21:01	651	0.18
6761269	9/27/2023 10:10	9/27/2023 20:56	646	0.03
1406535	9/27/2023 10:10	9/27/2023 11:45	95	0
1511532	9/27/2023 10:10	9/27/2023 14:07	237	0.12
345647	9/27/2023 10:11	9/27/2023 21:01	650	0
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1594081	9/27/2023 10:11	9/27/2023 21:02	651	0
313269	9/27/2023 10:11	9/27/2023 21:02	651	0
7937779	9/27/2023 10:12	9/27/2023 14:14	242	0
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1573666	9/27/2023 10:15	9/27/2023 14:33	258	0
309233	9/27/2023 10:16	9/27/2023 15:11	295	0.13
1361543	9/27/2023 10:16	9/27/2023 21:02	646	0.1
304295	9/27/2023 10:16	9/27/2023 11:46	90	0
572916	9/27/2023 10:16	9/27/2023 11:45	89	0
274125	9/27/2023 10:16	9/27/2023 20:59	643	0
1358503	9/27/2023 10:16	9/27/2023 21:02	646	0.08
69207	9/27/2023 10:16	9/27/2023 21:07	651	0
1358945	9/27/2023 10:16	9/28/2023 0:28	852	0
1430838	9/27/2023 10:16	9/27/2023 21:02	646	0
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1430553	9/27/2023 10:17	9/27/2023 20:58	641	0.1
1624452	9/27/2023 10:17	9/27/2023 14:18	241	0
860281	9/27/2023 10:19	9/27/2023 20:54	635	0
1551510	9/27/2023 10:20	9/27/2023 13:34	194	0
10013697	9/27/2023 10:21	9/27/2023 20:39	618	0
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859747	9/27/2023 10:21	9/27/2023 21:01	640	0

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317233	9/27/2023 10:21	9/27/2023 20:51	630	0
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8104722	9/27/2023 10:22	9/27/2023 20:58	636	0
274064	9/27/2023 10:22	9/28/2023 0:28	846	0
315306	9/27/2023 10:22	9/28/2023 0:28	846	0
511223	9/27/2023 10:22	9/27/2023 11:40	78	0
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624716	9/27/2023 10:22	9/28/2023 10:00	1417	0
1521655	9/27/2023 10:22	9/27/2023 14:23	241	0
511266	9/27/2023 10:24	9/27/2023 11:42	78	0
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508593	9/27/2023 10:25	9/27/2023 11:44	79	0
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548347	9/27/2023 10:26	9/27/2023 14:53	267	0
510307	9/27/2023 10:26	9/27/2023 11:39	73	0
378229	9/27/2023 10:26	9/27/2023 21:04	638	0
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1190246	9/27/2023 10:27	9/27/2023 11:40	73	0
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1433697	9/27/2023 10:29	9/28/2023 10:00	1410.2	0
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51957	9/27/2023 10:33	9/27/2023 11:15	42	0
14605	9/27/2023 10:33	9/28/2023 10:00	1406.8	0
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499998	9/27/2023 10:36	9/27/2023 21:00	624	0.06
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315708	9/27/2023 10:38	9/27/2023 20:53	615	0.09
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304265	9/27/2023 10:58	9/27/2023 11:45	47	0
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316971	9/27/2023 11:08	9/27/2023 20:57	589	0
313954	9/27/2023 11:08	9/27/2023 21:02	594	0
315380	9/27/2023 11:08	9/27/2023 21:03	595	0
8387677	9/27/2023 11:08	9/27/2023 20:55	587	0.09
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316630	9/27/2023 11:08	9/27/2023 21:01	593	0.2
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729928	9/27/2023 11:09	9/27/2023 11:35	26	0

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23566	9/27/2023 11:24	9/28/2023 10:00	1355	0
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265473	9/27/2023 11:32	9/27/2023 12:03	31	0
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1362855	9/27/2023 11:39	9/27/2023 13:23	104	0
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509102	9/27/2023 11:39	9/27/2023 12:00	21	0
645339	9/27/2023 11:39	9/27/2023 12:21	42	0
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8590289	9/27/2023 11:40	9/27/2023 11:57	17	0
1190246	9/27/2023 11:40	9/27/2023 14:38	178	0
1363588	9/27/2023 11:40	9/27/2023 13:26	106	0.17

506261	9/27/2023 11:41	9/27/2023 11:57	16	0
1190820	9/27/2023 11:41	9/27/2023 14:41	180	0
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572882	9/27/2023 11:42	9/27/2023 11:58	16	0.01
7533405	9/27/2023 11:43	9/27/2023 13:44	121	0.01
508593	9/27/2023 11:44	9/27/2023 12:00	16	0
1513240	9/27/2023 11:45	9/27/2023 12:01	16	0
304265	9/27/2023 11:45	9/27/2023 12:59	74	0
572916	9/27/2023 11:45	9/27/2023 12:01	16	0.04
8668965	9/27/2023 11:45	9/27/2023 12:00	15	0
1386169	9/27/2023 11:45	9/27/2023 11:57	12	0
1406535	9/27/2023 11:45	9/27/2023 14:28	163	0
729928	9/27/2023 11:46	9/27/2023 12:33	47	0
304295	9/27/2023 11:46	9/27/2023 12:59	73	0
1514004	9/27/2023 11:47	9/27/2023 12:03	16	0
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627018	9/27/2023 11:48	9/27/2023 20:48	540	0
605186	9/27/2023 11:49	9/27/2023 14:37	168	0
627289	9/27/2023 11:49	9/27/2023 21:00	551	0
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561757	9/27/2023 11:52	9/27/2023 15:06	194	0
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510307	9/27/2023 11:55	9/27/2023 14:12	137	0
304845	9/27/2023 11:57	9/28/2023 10:00	1322.8	0
1386169	9/27/2023 11:57	9/27/2023 12:13	16	0
8590289	9/27/2023 11:57	9/27/2023 14:44	167	0.04
506261	9/27/2023 11:57	9/27/2023 14:13	136	0
511223	9/27/2023 11:58	9/27/2023 14:24	146	0
572882	9/27/2023 11:58	9/27/2023 12:09	11	0.03
511266	9/27/2023 11:58	9/27/2023 14:15	137	0
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344958	9/27/2023 12:00	9/27/2023 21:01	541	0
509102	9/27/2023 12:00	9/27/2023 14:12	132	0
8668965	9/27/2023 12:00	9/27/2023 14:27	147	0
317768	9/27/2023 12:00	9/28/2023 10:00	1319	0
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572916	9/27/2023 12:01	9/27/2023 12:11	10	0
1513240	9/27/2023 12:01	9/27/2023 12:17	16	0
318815	9/27/2023 12:02	9/28/2023 10:00	1317	0
265473	9/27/2023 12:03	9/27/2023 14:20	137	0
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642951	9/27/2023 12:18	9/27/2023 20:58	520	0
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645339	9/27/2023 12:21	9/27/2023 14:22	121	0.01
328594	9/27/2023 12:32	9/28/2023 10:00	1287	0
326791	9/27/2023 12:33	9/28/2023 10:00	1286	0
729928	9/27/2023 12:33	9/27/2023 14:34	121	0
6162958	9/27/2023 12:33	9/28/2023 10:00	1286	0
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304265	9/27/2023 12:59	9/28/2023 10:00	1260	0
304295	9/27/2023 12:59	9/27/2023 13:42	43	0
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1526024	9/27/2023 13:00	9/27/2023 15:27	147	0
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988954	9/27/2023 13:05	9/27/2023 13:21	16	0
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988954	9/27/2023 13:21	9/27/2023 13:37	16	0
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980398	9/27/2023 13:23	9/27/2023 14:21	58	0
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988954	9/27/2023 13:37	9/27/2023 14:03	26	0
571420	9/27/2023 13:42	9/27/2023 14:24	42	0
304295	9/27/2023 13:42	9/27/2023 14:44	62	0
1386169	9/27/2023 13:42	9/27/2023 16:24	162	0
7533405	9/27/2023 13:44	9/27/2023 14:42	58	0
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1515678	9/27/2023 13:47	9/27/2023 20:05	378	0
6583289	9/27/2023 13:49	9/27/2023 16:21	152	0
469018	9/27/2023 13:50	9/27/2023 15:35	105	0
330485	9/27/2023 13:51	9/27/2023 16:22	151	0

330528	9/27/2023 13:52	9/27/2023 14:53	61	0.01
50431	9/27/2023 13:53	9/28/2023 10:00	1206	0
988954	9/27/2023 14:03	9/27/2023 19:50	347	0
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507365	9/27/2023 14:12	9/27/2023 14:28	16	0
510307	9/27/2023 14:12	9/27/2023 14:27	15	0
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506261	9/27/2023 14:13	9/27/2023 14:29	16	0
1493132	9/27/2023 14:14	9/27/2023 15:02	48	0.05
7937779	9/27/2023 14:14	9/27/2023 15:01	47	0
511266	9/27/2023 14:15	9/27/2023 14:30	15	0
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265473	9/27/2023 14:20	9/27/2023 15:02	42	0
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980398	9/27/2023 14:21	9/27/2023 14:32	11	0
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1516997	9/27/2023 14:23	9/27/2023 14:38	15	0
1363588	9/27/2023 14:23	9/27/2023 14:55	32	0.07
511223	9/27/2023 14:24	9/27/2023 14:44	20	0
1441766	9/27/2023 14:24	9/27/2023 14:51	27	0
571420	9/27/2023 14:24	9/27/2023 15:26	62	0
569420	9/27/2023 14:24	9/27/2023 15:27	63	0
1362130	9/27/2023 14:25	9/27/2023 14:51	26	0
1519179	9/27/2023 14:25	9/28/2023 0:28	603	0
1524033	9/27/2023 14:26	9/27/2023 20:49	383	0.11
1520371	9/27/2023 14:26	9/27/2023 21:00	394	0
1451744	9/27/2023 14:27	9/27/2023 21:01	394	0
8668965	9/27/2023 14:27	9/27/2023 14:58	31	0
508593	9/27/2023 14:27	9/27/2023 14:43	16	0

510307	9/27/2023 14:27	9/27/2023 14:43	16	0
1452193	9/27/2023 14:27	9/27/2023 20:55	388	0
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523489	9/27/2023 19:55	9/28/2023 10:00	844.8	0
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793638	9/27/2023 20:55	9/28/2023 10:00	784	0
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1576533	9/27/2023 21:06	9/28/2023 9:53	767	0
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1393633	9/28/2023 0:28	9/28/2023 10:00	571	0
1358945	9/28/2023 0:28	9/28/2023 9:45	557	0
6168330	9/28/2023 0:28	9/28/2023 10:00	571	0
265473	9/28/2023 0:28	9/28/2023 10:00	571	0
587455	9/28/2023 0:28	9/28/2023 10:00	571	0
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1190820	9/28/2023 0:28	9/28/2023 10:00	571	0
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1309098	9/28/2023 0:28	9/28/2023 9:52	564	0
321107	9/28/2023 0:28	9/28/2023 10:00	571	0
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1390184	9/28/2023 0:28	9/28/2023 9:52	564	0
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321301	9/28/2023 0:28	9/28/2023 10:00	571	0
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315752	9/28/2023 0:28	9/28/2023 10:00	571	0
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1466445	9/28/2023 6:53	9/28/2023 10:00	186.4	0
308959	9/28/2023 7:20	9/28/2023 10:00	159.8	0.09
1405290	9/28/2023 7:42	9/28/2023 8:45	63	0
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309961	9/28/2023 8:18	9/28/2023 10:00	101	0
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317797	9/28/2023 8:25	9/28/2023 10:00	94.8	0
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1406535	9/28/2023 8:45	9/28/2023 9:43	58	0

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319279	9/28/2023 8:54	9/28/2023 10:00	65.8	0
510522	9/28/2023 8:54	9/28/2023 10:00	65.15	0
1393699	9/28/2023 8:57	9/28/2023 10:00	62	0
1494722	9/28/2023 8:59	9/28/2023 10:00	60	0
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8950281	9/28/2023 9:18	9/28/2023 10:00	41	0
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315346	9/28/2023 9:22	9/28/2023 10:00	37	0
315345	9/28/2023 9:23	9/28/2023 10:00	36	0
317233	9/28/2023 9:23	9/28/2023 10:00	36	0
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553863	9/28/2023 9:40	9/28/2023 10:00	19	0
1406535	9/28/2023 9:43	9/28/2023 10:00	16	0
1358503	9/28/2023 9:44	9/28/2023 10:00	15	0
1358945	9/28/2023 9:45	9/28/2023 10:00	14	0
1430838	9/28/2023 9:48	9/28/2023 10:00	11	0
1430553	9/28/2023 9:49	9/28/2023 10:00	10	0
1309098	9/28/2023 9:52	9/28/2023 10:00	7	0
1390184	9/28/2023 9:52	9/28/2023 10:00	7	0
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262048	9/28/2023 9:59	9/28/2023 10:00	0.8	0
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1360948	9/28/2023 10:00	9/28/2023 19:49	589	0
1405290	9/28/2023 10:00	9/28/2023 14:31	271	0.01
353371	9/28/2023 10:00	9/28/2023 13:30	210	0.45
1466445	9/28/2023 10:00	9/28/2023 19:58	598	0
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264186	9/28/2023 10:00	9/29/2023 10:00	1439	0

564357	9/28/2023 10:00	9/29/2023 10:00	1439	0
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1190820	9/28/2023 10:00	9/29/2023 0:28	868	0.16
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320966	9/28/2023 10:00	9/29/2023 0:28	868	0
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587455	9/28/2023 10:00	9/28/2023 20:41	641	0
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469018	9/28/2023 10:00	9/29/2023 0:28	868	0.14
317797	9/28/2023 10:00	9/28/2023 19:59	599	0
854585	9/28/2023 10:00	9/28/2023 20:49	649	0
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1308096	9/28/2023 10:00	9/29/2023 10:00	1439	0
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705447	9/28/2023 10:00	9/29/2023 10:00	1439	0
321301	9/28/2023 10:00	9/29/2023 10:00	1439	0
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8766703	9/28/2023 10:05	9/28/2023 20:44	639	0
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793638	9/28/2023 10:07	9/28/2023 14:14	247	0
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1101945	9/28/2023 10:09	9/28/2023 20:39	630	0
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1390184	9/28/2023 10:09	9/29/2023 0:28	859	0.22
1466638	9/28/2023 10:09	9/28/2023 20:54	645	0
664453	9/28/2023 10:10	9/28/2023 20:24	614	0
315346	9/28/2023 10:10	9/28/2023 20:56	646	0.2
315345	9/28/2023 10:10	9/29/2023 0:28	858	0.54
506261	9/28/2023 10:10	9/28/2023 11:44	94	0
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345647	9/28/2023 10:11	9/28/2023 20:57	646	0
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1700586	9/28/2023 10:13	9/28/2023 20:38	625	0
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304295	9/28/2023 10:13	9/28/2023 21:05	652	0.28
957615	9/28/2023 10:14	9/29/2023 0:28	854	0
1565203	9/28/2023 10:14	9/28/2023 20:59	645	0.22
6761269	9/28/2023 10:14	9/28/2023 20:49	635	0.36
960195	9/28/2023 10:14	9/28/2023 20:39	625	0
980398	9/28/2023 10:14	9/28/2023 20:22	608	0
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304845	9/28/2023 10:16	9/28/2023 20:04	588	0
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817260	9/28/2023 10:16	9/28/2023 20:36	620	0
499998	9/28/2023 10:18	9/28/2023 20:49	631	0
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324249	9/28/2023 10:19	9/29/2023 0:28	849	1.09
498070	9/28/2023 10:20	9/28/2023 20:40	620	0
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319279	9/28/2023 10:21	9/28/2023 13:36	195	0
772378	9/28/2023 10:21	9/28/2023 20:46	625	0
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507365	9/28/2023 10:22	9/28/2023 11:42	80	0
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323657	9/28/2023 10:23	9/28/2023 20:57	634	0.36
1520371	9/28/2023 10:23	9/28/2023 11:53	90	0
1309098	9/28/2023 10:23	9/28/2023 14:24	241	0
511266	9/28/2023 10:23	9/28/2023 11:41	78	0
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571143	9/28/2023 10:25	9/28/2023 11:13	48	0
324290	9/28/2023 10:25	9/28/2023 20:55	630	0.05
1393699	9/28/2023 10:26	9/28/2023 11:45	79	0.13
511223	9/28/2023 10:26	9/28/2023 11:40	74	0
8511623	9/28/2023 10:26	9/28/2023 20:56	630	0
357972	9/28/2023 10:26	9/28/2023 19:49	563	0
956968	9/28/2023 10:26	9/28/2023 20:24	598	0
1521914	9/28/2023 10:26	9/28/2023 11:55	89	0.09
1493132	9/28/2023 10:27	9/28/2023 14:28	241	0.72
7533405	9/28/2023 10:28	9/28/2023 14:09	221	0.28
594966	9/28/2023 10:28	9/28/2023 20:52	624	0
1494722	9/28/2023 10:29	9/28/2023 11:42	73	0.55
954637	9/28/2023 10:30	9/28/2023 20:18	588	0
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817825	9/28/2023 10:31	9/28/2023 20:39	608	0
1020565	9/28/2023 10:31	9/28/2023 19:37	546	0
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1546695	9/28/2023 10:36	9/29/2023 0:28	832	0
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790670	9/28/2023 10:37	9/28/2023 14:07	210	0
316997	9/28/2023 10:38	9/28/2023 20:58	620	0.26
8104722	9/28/2023 10:38	9/28/2023 20:57	619	1.6
549617	9/28/2023 10:38	9/28/2023 20:35	597	0
378229	9/28/2023 10:39	9/28/2023 11:54	75	0.15
793285	9/28/2023 10:39	9/28/2023 14:09	210	0
314899	9/28/2023 10:39	9/29/2023 0:28	829	0
5873632	9/28/2023 10:40	9/28/2023 20:54	614	0.94
8668965	9/28/2023 10:40	9/28/2023 11:44	64	0
315306	9/28/2023 10:41	9/29/2023 0:28	827	0.36
1406535	9/28/2023 10:41	9/28/2023 11:43	62	0
793690	9/28/2023 10:41	9/28/2023 11:07	26	0
8148103	9/28/2023 10:41	9/28/2023 21:02	621	0.16
1375642	9/28/2023 10:44	9/28/2023 14:30	226	0.07
980132	9/28/2023 10:46	9/28/2023 21:23	637	0
1624452	9/28/2023 10:47	9/28/2023 14:17	210	0.16
1550318	9/28/2023 10:47	9/28/2023 13:35	168	0
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623069	9/28/2023 10:51	9/29/2023 10:00	1388.15	0
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8909293	9/28/2023 10:53	9/28/2023 14:07	194	0.16
8524544	9/28/2023 10:53	9/28/2023 21:01	608	0.04
315509	9/28/2023 10:53	9/29/2023 0:28	815	0.81
315708	9/28/2023 10:53	9/28/2023 20:58	605	1.12
315484	9/28/2023 10:53	9/28/2023 20:55	602	0
1093833	9/28/2023 10:53	9/28/2023 20:19	566	0
1516739	9/28/2023 10:53	9/29/2023 8:51	1318	0
315090	9/28/2023 10:54	9/28/2023 20:58	604	0.07
274064	9/28/2023 10:55	9/29/2023 0:28	813	0
313269	9/28/2023 10:56	9/29/2023 0:28	812	0
564518	9/28/2023 10:56	9/28/2023 20:40	584	0
312766	9/28/2023 10:56	9/28/2023 20:55	599	0.2
1301093	9/28/2023 10:57	9/28/2023 20:45	588	0.02

353651	9/28/2023 10:59	9/28/2023 14:30	211	0
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1513240	9/28/2023 11:01	9/28/2023 11:44	43	0.03
563721	9/28/2023 11:01	9/28/2023 20:44	583	0
1556919	9/28/2023 11:01	9/28/2023 11:49	48	0
449036	9/28/2023 11:03	9/28/2023 11:36	33	0
308622	9/28/2023 11:04	9/28/2023 11:49	45	0
729928	9/28/2023 11:04	9/28/2023 14:18	194	0
6168330	9/28/2023 11:05	9/28/2023 11:37	32	0
605186	9/28/2023 11:05	9/28/2023 11:52	47	0
121750	9/28/2023 11:05	9/28/2023 14:09	184	0
852071	9/28/2023 11:05	9/28/2023 20:43	578	0
1681747	9/28/2023 11:05	9/28/2023 21:02	597	0
330528	9/28/2023 11:06	9/28/2023 11:51	45	0
6503956	9/28/2023 11:06	9/28/2023 14:11	185	0
1451744	9/28/2023 11:06	9/28/2023 11:37	31	0.03
454901	9/28/2023 11:07	9/28/2023 19:36	509	0
1594635	9/28/2023 11:07	9/28/2023 12:10	63	0
793690	9/28/2023 11:07	9/28/2023 14:11	184	0
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9993140	9/28/2023 11:08	9/28/2023 14:07	179	0
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6992958	9/28/2023 11:08	9/28/2023 14:06	178	0.09
1363588	9/28/2023 11:08	9/28/2023 14:23	195	0
1465703	9/28/2023 11:08	9/28/2023 20:56	588	0.16
1362130	9/28/2023 11:09	9/28/2023 14:23	194	0
1452193	9/28/2023 11:10	9/28/2023 11:37	27	0
1362855	9/28/2023 11:10	9/28/2023 14:25	195	0
8621797	9/28/2023 11:11	9/28/2023 21:04	593	1.96
8387677	9/28/2023 11:11	9/28/2023 21:00	589	0.26
1320619	9/28/2023 11:11	9/29/2023 0:28	797	0
259674	9/28/2023 11:13	9/28/2023 20:46	573	0
8590289	9/28/2023 11:13	9/28/2023 11:39	26	0
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449377	9/28/2023 11:14	9/28/2023 11:40	26	0
328570	9/28/2023 11:15	9/28/2023 11:46	31	0.11
1393633	9/28/2023 11:15	9/28/2023 11:41	26	0.02
6583289	9/28/2023 11:16	9/28/2023 11:48	32	0
1462990	9/28/2023 11:18	9/28/2023 12:05	47	0
309233	9/28/2023 11:18	9/29/2023 0:28	790	0.1
1431804	9/28/2023 11:18	9/28/2023 20:51	573	0
1432827	9/28/2023 11:19	9/29/2023 0:28	789	0
329546	9/28/2023 11:19	9/28/2023 11:49	30	0
330485	9/28/2023 11:20	9/28/2023 11:53	33	0
121748	9/28/2023 11:21	9/28/2023 14:08	167	0.18
801004	9/28/2023 11:22	9/28/2023 13:39	137	0
800600	9/28/2023 11:23	9/28/2023 13:39	136	0

1195990	9/28/2023 11:24	9/29/2023 10:00	1355	0
800590	9/28/2023 11:24	9/28/2023 13:42	138	0
800588	9/28/2023 11:25	9/28/2023 13:36	131	0
373801	9/28/2023 11:27	9/28/2023 11:44	17	0
8950281	9/28/2023 11:29	9/28/2023 11:45	16	0
51957	9/28/2023 11:30	9/28/2023 11:45	15	0
455994	9/28/2023 11:33	9/28/2023 11:49	16	0
455629	9/28/2023 11:33	9/28/2023 11:48	15	0
456099	9/28/2023 11:33	9/28/2023 11:51	18	0
455345	9/28/2023 11:33	9/28/2023 11:49	16	0
457729	9/28/2023 11:34	9/28/2023 11:49	15	0
457978	9/28/2023 11:34	9/28/2023 11:50	16	0
51483	9/28/2023 11:35	9/28/2023 11:45	10	0
266816	9/28/2023 11:35	9/28/2023 12:07	32	0
265473	9/28/2023 11:36	9/28/2023 12:02	26	0
1434316	9/28/2023 11:36	9/28/2023 11:48	12	0.07
1508563	9/28/2023 11:36	9/28/2023 20:52	556	0.07
449036	9/28/2023 11:36	9/28/2023 14:50	194	0
454861	9/28/2023 11:36	9/28/2023 11:52	16	0
1434359	9/28/2023 11:36	9/28/2023 11:52	16	0
6168330	9/28/2023 11:37	9/28/2023 11:48	11	0
1451744	9/28/2023 11:37	9/28/2023 15:08	211	0.08
1452193	9/28/2023 11:37	9/28/2023 15:07	210	0.26
1511532	9/28/2023 11:38	9/28/2023 20:55	557	0.23
510307	9/28/2023 11:38	9/28/2023 14:11	153	0
8590289	9/28/2023 11:39	9/28/2023 14:12	153	0
1576533	9/28/2023 11:39	9/28/2023 11:55	16	0
511223	9/28/2023 11:40	9/28/2023 14:12	152	0
449377	9/28/2023 11:40	9/28/2023 12:25	45	0
1393633	9/28/2023 11:41	9/28/2023 11:58	17	0
511266	9/28/2023 11:41	9/28/2023 14:13	152	0
1494722	9/28/2023 11:42	9/28/2023 11:58	16	0.05
507365	9/28/2023 11:42	9/28/2023 14:14	152	0
1406535	9/28/2023 11:43	9/28/2023 13:13	90	0.28
8668965	9/28/2023 11:44	9/28/2023 14:10	146	0
509102	9/28/2023 11:44	9/28/2023 14:11	147	0
508593	9/28/2023 11:44	9/28/2023 14:11	147	0
373801	9/28/2023 11:44	9/28/2023 12:10	26	0
1513240	9/28/2023 11:44	9/28/2023 13:34	110	0.05
506261	9/28/2023 11:44	9/28/2023 14:11	147	0
328113	9/28/2023 11:45	9/28/2023 12:01	16	0
51957	9/28/2023 11:45	9/28/2023 12:01	16	0.01
8950281	9/28/2023 11:45	9/28/2023 12:01	16	0
1393699	9/28/2023 11:45	9/28/2023 11:56	11	0.01
51483	9/28/2023 11:45	9/28/2023 12:01	16	0.04
328570	9/28/2023 11:46	9/28/2023 12:03	17	0
1434316	9/28/2023 11:48	9/28/2023 12:04	16	0

6583289	9/28/2023 11:48	9/28/2023 12:52	64	0
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6168330	9/28/2023 11:48	9/28/2023 12:04	16	0
455994	9/28/2023 11:49	9/28/2023 12:05	16	0
8068454	9/28/2023 11:49	9/28/2023 20:49	540	0
1556919	9/28/2023 11:49	9/28/2023 13:34	105	0.07
308622	9/28/2023 11:49	9/28/2023 12:05	16	0
457729	9/28/2023 11:49	9/28/2023 12:06	17	0
455345	9/28/2023 11:49	9/28/2023 12:05	16	0
329546	9/28/2023 11:49	9/28/2023 12:54	65	0.05
1553245	9/28/2023 11:49	9/28/2023 14:32	163	0
624628	9/28/2023 11:50	9/28/2023 20:25	515	0
561757	9/28/2023 11:50	9/28/2023 15:05	195	0
457978	9/28/2023 11:50	9/28/2023 12:06	16	0
558031	9/28/2023 11:50	9/28/2023 15:04	194	0
456099	9/28/2023 11:51	9/28/2023 12:06	15	0
330528	9/28/2023 11:51	9/28/2023 12:51	60	0.01
454861	9/28/2023 11:52	9/28/2023 12:08	16	0
627018	9/28/2023 11:52	9/28/2023 19:59	487	0
605186	9/28/2023 11:52	9/28/2023 13:06	74	0
1434359	9/28/2023 11:52	9/28/2023 12:03	11	0
330485	9/28/2023 11:53	9/28/2023 12:50	57	0
627289	9/28/2023 11:53	9/28/2023 20:44	531	0
624953	9/28/2023 11:53	9/28/2023 20:23	510	0
1520371	9/28/2023 11:53	9/28/2023 20:57	544	0.01
378229	9/28/2023 11:54	9/28/2023 14:24	150	0
1521914	9/28/2023 11:55	9/28/2023 21:00	545	0.06
1576533	9/28/2023 11:55	9/28/2023 12:11	16	0
1521655	9/28/2023 11:55	9/28/2023 21:00	545	0
1393699	9/28/2023 11:56	9/28/2023 12:11	15	0.04
1393633	9/28/2023 11:58	9/28/2023 12:18	20	0.01
1494722	9/28/2023 11:58	9/28/2023 12:14	16	0
51957	9/28/2023 12:01	9/28/2023 13:01	60	0.11
51483	9/28/2023 12:01	9/28/2023 13:04	63	0
328113	9/28/2023 12:01	9/28/2023 12:32	31	0.03
8950281	9/28/2023 12:01	9/28/2023 13:04	63	0
265473	9/28/2023 12:02	9/28/2023 14:19	137	0
328570	9/28/2023 12:03	9/28/2023 12:29	26	0
1434359	9/28/2023 12:03	9/29/2023 10:00	1316	0
6168330	9/28/2023 12:04	9/29/2023 10:00	1315	0
1434316	9/28/2023 12:04	9/29/2023 10:00	1315	0
455629	9/28/2023 12:04	9/29/2023 10:00	1315	0
455994	9/28/2023 12:05	9/28/2023 14:05	120	0
455345	9/28/2023 12:05	9/29/2023 10:00	1314	0
1462990	9/28/2023 12:05	9/28/2023 12:59	54	0.05
308622	9/28/2023 12:05	9/29/2023 10:00	1314	0
457729	9/28/2023 12:06	9/29/2023 10:00	1313	0

456099	9/28/2023 12:06	9/28/2023 20:35	509	0
623871	9/28/2023 12:06	9/29/2023 10:00	1313	0
1594081	9/28/2023 12:06	9/28/2023 15:10	184	0
457978	9/28/2023 12:06	9/29/2023 10:00	1313	0
1378141	9/28/2023 12:07	9/28/2023 20:46	519	0
266816	9/28/2023 12:07	9/28/2023 14:22	135	0
454861	9/28/2023 12:08	9/28/2023 20:37	509	0
1377844	9/28/2023 12:09	9/28/2023 20:52	523	0
1594635	9/28/2023 12:10	9/28/2023 15:08	178	0
373801	9/28/2023 12:10	9/28/2023 20:44	514	0
1393699	9/28/2023 12:11	9/28/2023 13:56	105	0.01
1576533	9/28/2023 12:11	9/28/2023 14:11	120	0.02
1527339	9/28/2023 12:13	9/28/2023 13:01	48	0.02
1494722	9/28/2023 12:14	9/28/2023 13:59	105	0.05
1526024	9/28/2023 12:17	9/28/2023 12:59	42	0
1393633	9/28/2023 12:18	9/28/2023 14:46	148	0.05
449377	9/28/2023 12:25	9/28/2023 13:05	40	0
328570	9/28/2023 12:29	9/29/2023 10:00	1290	0.01
328113	9/28/2023 12:32	9/28/2023 13:45	73	0
535449	9/28/2023 12:48	9/29/2023 10:00	1271.8	0
330485	9/28/2023 12:50	9/29/2023 10:00	1269	0
330528	9/28/2023 12:51	9/28/2023 14:36	105	0.01
6583289	9/28/2023 12:52	9/29/2023 10:00	1267	0
329546	9/28/2023 12:54	9/29/2023 10:00	1265	0
1462990	9/28/2023 12:59	9/28/2023 13:14	15	0
1526024	9/28/2023 12:59	9/28/2023 15:16	137	0
51957	9/28/2023 13:01	9/28/2023 14:20	79	0.01
1527339	9/28/2023 13:01	9/28/2023 15:17	136	0.01
8950281	9/28/2023 13:04	9/28/2023 14:18	74	0
51483	9/28/2023 13:04	9/28/2023 14:17	73	0.01
449377	9/28/2023 13:05	9/28/2023 22:35	570	0
903630	9/28/2023 13:06	9/28/2023 20:31	445	0
605186	9/28/2023 13:06	9/28/2023 14:19	73	0
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589615	9/28/2023 13:13	9/28/2023 13:29	16	0
1406535	9/28/2023 13:13	9/28/2023 14:26	73	0
1462990	9/28/2023 13:14	9/28/2023 19:59	405	0
1027973	9/28/2023 13:14	9/28/2023 13:30	16	0
1076617	9/28/2023 13:18	9/28/2023 14:05	47	0
1363255	9/28/2023 13:25	9/29/2023 10:00	1235	0
510522	9/28/2023 13:25	9/28/2023 13:41	16	0
589615	9/28/2023 13:29	9/28/2023 13:45	16	0
1027973	9/28/2023 13:30	9/28/2023 13:46	16	0
353371	9/28/2023 13:30	9/28/2023 13:46	16	0
1513240	9/28/2023 13:34	9/28/2023 15:13	99	0.01
1556919	9/28/2023 13:34	9/28/2023 20:55	441	0
1550318	9/28/2023 13:35	9/28/2023 13:51	16	0

800588	9/28/2023 13:36	9/28/2023 14:39	63	0
319279	9/28/2023 13:36	9/28/2023 20:04	388	0
1432940	9/28/2023 13:38	9/29/2023 0:28	650	0
800600	9/28/2023 13:39	9/28/2023 14:37	58	0
801004	9/28/2023 13:39	9/28/2023 14:37	58	0
510522	9/28/2023 13:41	9/28/2023 19:33	352	0
800590	9/28/2023 13:42	9/28/2023 15:23	101	0
1400258	9/28/2023 13:44	9/28/2023 19:31	347	0
589615	9/28/2023 13:45	9/28/2023 19:42	357	0
230035	9/28/2023 13:45	9/29/2023 10:00	1214	0
328113	9/28/2023 13:45	9/28/2023 14:48	63	0
230068	9/28/2023 13:46	9/29/2023 10:00	1213	0
353371	9/28/2023 13:46	9/28/2023 19:58	372	0
1395587	9/28/2023 13:46	9/28/2023 14:33	47	0
1027973	9/28/2023 13:46	9/28/2023 19:27	341	0
231979	9/28/2023 13:47	9/29/2023 10:00	1212	0
230037	9/28/2023 13:50	9/29/2023 10:00	1209	0
1550318	9/28/2023 13:51	9/28/2023 20:02	371	0
1393699	9/28/2023 13:56	9/28/2023 14:12	16	0.01
1494722	9/28/2023 13:59	9/28/2023 14:14	15	0.01
455994	9/28/2023 14:05	9/28/2023 14:21	16	0
1076617	9/28/2023 14:05	9/28/2023 14:21	16	0
6992958	9/28/2023 14:06	9/28/2023 21:01	415	0
790670	9/28/2023 14:07	9/28/2023 14:23	16	0
8909293	9/28/2023 14:07	9/28/2023 21:01	414	0
9993140	9/28/2023 14:07	9/28/2023 21:02	415	0
1524033	9/28/2023 14:08	9/28/2023 20:58	410	0.11
121748	9/28/2023 14:08	9/28/2023 20:58	410	0
6714863	9/28/2023 14:09	9/28/2023 14:25	16	0
1670039	9/28/2023 14:09	9/28/2023 19:50	341	0
793285	9/28/2023 14:09	9/28/2023 14:25	16	0
7533405	9/28/2023 14:09	9/28/2023 15:27	78	0
121750	9/28/2023 14:09	9/29/2023 0:28	619	0
8668965	9/28/2023 14:10	9/28/2023 14:26	16	0
1573666	9/28/2023 14:10	9/28/2023 14:27	17	0
1576533	9/28/2023 14:11	9/28/2023 14:27	16	0.03
508593	9/28/2023 14:11	9/28/2023 14:27	16	0
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793690	9/28/2023 14:11	9/28/2023 14:27	16	0
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1576533	9/28/2023 14:43	9/28/2023 16:58	135	0

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1463218	9/28/2023 14:46	9/28/2023 20:43	357	0
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1526024	9/28/2023 15:16	9/29/2023 0:28	552	0
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590897	9/28/2023 16:01	9/28/2023 20:37	276	0
1405290	9/28/2023 16:16	9/28/2023 19:52	216	0
1704326	9/28/2023 16:23	9/28/2023 20:29	246	0

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1356945	9/28/2023 16:26	9/28/2023 20:02	216	0
8502011	9/28/2023 16:39	9/29/2023 0:28	469	0
1368745	9/28/2023 16:47	9/28/2023 20:22	215	0
6961293	9/28/2023 16:49	9/29/2023 10:00	1030	0
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1576533	9/28/2023 16:58	9/28/2023 21:00	242	0
1573666	9/28/2023 16:58	9/28/2023 20:55	237	0
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262048	9/28/2023 19:44	9/29/2023 10:00	855.8	0
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10510361	9/28/2023 19:53	9/29/2023 10:00	846.8	0
353371	9/28/2023 19:58	9/29/2023 10:00	841.8	0
1466445	9/28/2023 19:58	9/29/2023 6:58	660	0
308959	9/28/2023 19:58	9/29/2023 7:17	679	0
1462990	9/28/2023 19:59	9/29/2023 10:00	840.4	0
627018	9/28/2023 19:59	9/29/2023 10:00	840	0
317797	9/28/2023 19:59	9/29/2023 8:39	760	0
1550318	9/28/2023 20:02	9/29/2023 9:04	782	0
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523489	9/28/2023 20:02	9/29/2023 10:00	837.8	0
311273	9/28/2023 20:04	9/29/2023 10:00	835.8	0
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304845	9/28/2023 20:04	9/29/2023 10:00	835.8	0
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954637	9/28/2023 20:18	9/29/2023 10:00	821	0
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1093833	9/28/2023 20:19	9/29/2023 10:00	820	0

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980398	9/28/2023 20:22	9/29/2023 9:30	788	0
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624953	9/28/2023 20:23	9/29/2023 10:00	816	0
664453	9/28/2023 20:24	9/29/2023 9:57	813	0
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1270983	9/28/2023 20:24	9/29/2023 10:00	815	0
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880278	9/28/2023 20:25	9/29/2023 10:00	814	0
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854579	9/28/2023 20:27	9/29/2023 10:00	812	0
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1704326	9/28/2023 20:29	9/29/2023 10:00	810	0
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956645	9/28/2023 20:34	9/29/2023 10:00	805	0
800590	9/28/2023 20:34	9/29/2023 10:00	805	0
510307	9/28/2023 20:34	9/29/2023 10:00	805	0
456099	9/28/2023 20:35	9/29/2023 10:00	804	0
860934	9/28/2023 20:35	9/29/2023 10:00	804	0
415131	9/28/2023 20:35	9/29/2023 8:29	714	0
1075503	9/28/2023 20:35	9/29/2023 10:00	804	0
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506261	9/28/2023 20:35	9/29/2023 9:37	782	0
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817260	9/28/2023 20:36	9/29/2023 10:00	803	0
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1406535	9/29/2023 8:28	9/29/2023 9:25	57	0
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315345	9/29/2023 9:37	9/29/2023 10:00	22	0
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454861	9/29/2023 10:00	9/29/2023 11:40	100	0
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46184	9/29/2023 10:00	9/30/2023 10:00	1439	0
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266816	9/29/2023 10:00	9/30/2023 0:28	868	0
455994	9/29/2023 10:00	9/29/2023 11:11	71	0
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954332	9/29/2023 10:28	9/29/2023 20:37	609	0
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1451744	9/29/2023 11:10	9/29/2023 20:47	577	0
455994	9/29/2023 11:11	9/29/2023 11:26	15	0
454901	9/29/2023 11:11	9/29/2023 13:43	152	0
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315090	9/29/2023 11:28	9/29/2023 14:26	178	0
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563721	9/29/2023 11:31	9/29/2023 14:46	195	0
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729928	9/29/2023 11:32	9/29/2023 12:03	31	0
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8950281	9/29/2023 11:33	9/29/2023 11:59	26	0
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601397	9/29/2023 11:36	9/29/2023 14:24	168	0
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498070	9/29/2023 11:38	9/29/2023 13:23	105	0
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549617	9/29/2023 11:39	9/29/2023 14:12	153	0
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1309098	9/29/2023 11:40	9/29/2023 14:38	178	0
455345	9/29/2023 11:40	9/29/2023 12:11	31	0
457978	9/29/2023 11:41	9/29/2023 12:12	31	0

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627018	9/29/2023 11:51	9/29/2023 12:06	15	0
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793285	9/29/2023 11:52	9/29/2023 12:07	15	0
627289	9/29/2023 11:52	9/29/2023 12:08	16	0
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571420	9/29/2023 11:56	9/29/2023 14:28	152	0
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8950281	9/29/2023 11:59	9/29/2023 12:46	47	0
51483	9/29/2023 12:01	9/29/2023 13:04	63	0
1525793	9/29/2023 12:02	9/29/2023 12:12	10	0
729928	9/29/2023 12:03	9/29/2023 12:35	32	0
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916441	9/29/2023 12:05	9/29/2023 14:22	137	0
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903630	9/29/2023 12:06	9/29/2023 20:51	525	0
572916	9/29/2023 12:06	9/29/2023 14:51	165	0
627018	9/29/2023 12:06	9/29/2023 14:07	121	0
572882	9/29/2023 12:06	9/29/2023 14:49	163	0
1247921	9/29/2023 12:07	9/29/2023 15:38	211	0
793285	9/29/2023 12:07	9/29/2023 13:10	63	0
627289	9/29/2023 12:08	9/29/2023 14:08	120	0
624953	9/29/2023 12:08	9/29/2023 14:09	121	0
793690	9/29/2023 12:09	9/29/2023 12:51	42	0
914462	9/29/2023 12:09	9/29/2023 14:19	130	0

456099	9/29/2023 12:09	9/29/2023 14:41	152	0
790670	9/29/2023 12:10	9/29/2023 13:08	58	0.02
455345	9/29/2023 12:11	9/29/2023 14:43	152	0
791510	9/29/2023 12:11	9/29/2023 12:53	42	0
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793638	9/29/2023 12:12	9/30/2023 10:00	1307	0.01
6714863	9/29/2023 12:12	9/29/2023 13:10	58	0.02
455629	9/29/2023 12:13	9/29/2023 14:41	148	0
455994	9/29/2023 12:14	9/29/2023 14:10	116	0
350753	9/29/2023 12:14	9/29/2023 13:59	105	0
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1594635	9/29/2023 12:26	9/29/2023 16:23	237	0
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8950281	9/29/2023 12:46	9/29/2023 13:02	16	0
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729928	9/29/2023 12:50	9/29/2023 13:01	11	0
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6714863	9/29/2023 13:10	9/29/2023 13:25	15	0.08
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315345	9/29/2023 14:26	9/29/2023 14:41	15	0
315090	9/29/2023 14:26	9/29/2023 14:42	16	0
2032900	9/29/2023 14:26	9/29/2023 14:41	15	0
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1516997	9/29/2023 14:26	9/29/2023 15:08	42	0
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590897	9/29/2023 14:32	9/30/2023 0:28	596	0
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627018	9/29/2023 14:33	9/29/2023 20:41	368	0
51483	9/29/2023 14:34	9/29/2023 15:06	32	0
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800600	9/29/2023 14:35	9/30/2023 0:28	593	0

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627289	9/29/2023 14:35	9/30/2023 0:28	593	0
330528	9/29/2023 14:35	9/29/2023 20:35	360	0
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315346	9/29/2023 14:40	9/29/2023 20:53	373	0

793285	9/29/2023 14:40	9/30/2023 0:28	588	0
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315484	9/29/2023 14:42	9/29/2023 20:54	372	0
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1405153	9/29/2023 19:41	9/30/2023 10:00	859	0
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8621797	9/29/2023 21:04	9/30/2023 10:00	775	0
353728	9/29/2023 21:04	9/30/2023 10:00	775	0
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509102	9/29/2023 21:34	9/30/2023 10:00	745	0
957615	9/30/2023 0:28	9/30/2023 10:00	571	0
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817260	9/30/2023 10:00	9/30/2023 20:53	653	0.45
308959	9/30/2023 10:00	9/30/2023 11:01	61	0.1
1390184	9/30/2023 10:00	9/30/2023 20:51	651	0.68
1362855	9/30/2023 10:00	9/30/2023 20:51	651	0.02
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344958	9/30/2023 10:00	10/1/2023 10:00	1439	0
705447	9/30/2023 10:00	10/1/2023 10:00	1439	0
637185	9/30/2023 10:00	10/1/2023 10:00	1439	0
1466445	9/30/2023 10:00	9/30/2023 11:08	68	0
535449	9/30/2023 10:00	10/1/2023 10:00	1439.8	0
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1430553	9/30/2023 10:19	10/1/2023 0:28	849	0.71
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324290	9/30/2023 10:19	10/1/2023 0:28	849	0.04
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324249	9/30/2023 10:21	9/30/2023 20:59	638	1.11
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1342473	9/30/2023 10:23	9/30/2023 19:50	567	0.09
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455345	9/30/2023 10:27	9/30/2023 11:35	68	0
1393699	9/30/2023 10:29	9/30/2023 14:14	225	0.59
956645	9/30/2023 10:29	9/30/2023 11:33	64	0
274125	9/30/2023 10:34	9/30/2023 20:39	605	0.11
266816	9/30/2023 10:34	9/30/2023 11:47	73	0
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645339	9/30/2023 10:36	9/30/2023 11:54	78	0.02
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552598	9/30/2023 10:38	9/30/2023 19:57	559	0.12
8068454	9/30/2023 10:38	9/30/2023 11:03	25	0
1517747	9/30/2023 10:38	9/30/2023 21:03	625	0.04
793690	9/30/2023 10:38	9/30/2023 11:52	74	0
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1434359	9/30/2023 10:51	9/30/2023 11:48	57	0
317233	9/30/2023 10:53	9/30/2023 20:52	599	0.51
511223	9/30/2023 10:53	9/30/2023 11:40	47	0
315346	9/30/2023 10:53	9/30/2023 20:57	604	0.02
8668965	9/30/2023 10:53	9/30/2023 11:40	47	0
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315345	9/30/2023 10:54	9/30/2023 20:58	604	0.2
315306	9/30/2023 10:54	9/30/2023 11:26	32	0.05
509102	9/30/2023 10:54	9/30/2023 11:42	48	0
508593	9/30/2023 10:54	9/30/2023 11:41	47	0
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231979	9/30/2023 10:56	10/1/2023 10:00	1383	0
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496500	9/30/2023 11:19	9/30/2023 20:46	567	0
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8668965	9/30/2023 11:40	9/30/2023 12:43	63	0
1451744	9/30/2023 11:40	9/30/2023 11:55	15	0
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455345	9/30/2023 12:22	10/1/2023 0:28	726	0
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1451744	9/30/2023 12:22	9/30/2023 14:07	105	0
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8206792	9/30/2023 12:25	10/1/2023 0:28	723	0
1452193	9/30/2023 12:27	9/30/2023 14:12	105	0.01
1466445	9/30/2023 12:27	9/30/2023 13:57	90	0
960195	9/30/2023 12:30	9/30/2023 13:01	31	0
956645	9/30/2023 12:31	9/30/2023 13:02	31	0.06
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308959	9/30/2023 13:49	9/30/2023 19:57	368	0.04
645339	9/30/2023 13:50	9/30/2023 14:37	47	0
1550318	9/30/2023 13:51	9/30/2023 19:59	368	0
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511223	9/30/2023 14:13	9/30/2023 14:28	15	0
8734029	9/30/2023 14:13	9/30/2023 14:28	15	0
510307	9/30/2023 14:13	9/30/2023 14:30	17	0
1393699	9/30/2023 14:14	9/30/2023 15:17	63	0
509102	9/30/2023 14:14	9/30/2023 14:25	11	0
960195	9/30/2023 14:14	9/30/2023 14:46	32	0
1375642	9/30/2023 14:14	9/30/2023 14:29	15	0
7937779	9/30/2023 14:14	9/30/2023 14:29	15	0.09
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1526024	9/30/2023 14:15	9/30/2023 15:02	47	0
956645	9/30/2023 14:16	9/30/2023 14:31	15	0
309961	9/30/2023 14:16	9/30/2023 14:32	16	0
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956968	9/30/2023 14:19	9/30/2023 14:45	26	0
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7937779	9/30/2023 14:29	9/30/2023 14:45	16	0
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510307	9/30/2023 14:30	9/30/2023 14:45	15	0

956645	9/30/2023 14:31	9/30/2023 14:47	16	0.09
1493132	9/30/2023 14:31	9/30/2023 14:47	16	0.09
309961	9/30/2023 14:32	9/30/2023 14:48	16	0
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957615	9/30/2023 14:33	9/30/2023 14:49	16	0
1550546	9/30/2023 14:33	9/30/2023 14:49	16	0
729928	9/30/2023 14:34	9/30/2023 14:49	15	0
954332	9/30/2023 14:34	9/30/2023 14:49	15	0
1553245	9/30/2023 14:34	9/30/2023 14:50	16	0
266906	9/30/2023 14:35	9/30/2023 15:01	26	0
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489481	9/30/2023 14:35	10/1/2023 0:28	593	0
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1434359	9/30/2023 14:36	9/30/2023 20:43	367	0
793638	9/30/2023 14:37	9/30/2023 20:51	374	0
645339	9/30/2023 14:37	9/30/2023 20:50	373	0
265473	9/30/2023 14:37	9/30/2023 15:03	26	0
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509102	9/30/2023 14:40	10/1/2023 0:28	588	0
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507365	9/30/2023 14:42	10/1/2023 0:28	586	0
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956968	9/30/2023 14:45	9/30/2023 20:37	352	0
508593	9/30/2023 14:45	10/1/2023 0:28	583	0
1375642	9/30/2023 14:45	10/1/2023 0:28	583	0
588892	9/30/2023 14:45	9/30/2023 20:42	357	0
510307	9/30/2023 14:45	10/1/2023 0:28	583	0
954637	9/30/2023 14:45	9/30/2023 20:42	357	0
7937779	9/30/2023 14:45	10/1/2023 0:28	583	0.08
506261	9/30/2023 14:45	9/30/2023 20:48	363	0
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960195	9/30/2023 14:46	9/30/2023 20:43	357	0
1493132	9/30/2023 14:47	9/30/2023 21:00	373	0.18
956645	9/30/2023 14:47	9/30/2023 20:44	357	1.69

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729928	9/30/2023 14:49	9/30/2023 20:53	364	0
1553245	9/30/2023 14:50	9/30/2023 20:47	357	0
1552699	9/30/2023 14:51	9/30/2023 20:53	362	0
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7533405	9/30/2023 14:58	9/30/2023 15:57	59	0
266906	9/30/2023 15:01	10/1/2023 0:28	567	0
8564413	9/30/2023 15:01	10/1/2023 0:30	569	0
1526024	9/30/2023 15:02	9/30/2023 20:53	351	0
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8972545	9/30/2023 15:03	10/1/2023 0:28	565	0.15
852071	9/30/2023 15:03	9/30/2023 20:45	342	0
265473	9/30/2023 15:03	9/30/2023 20:55	352	0
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1076617	9/30/2023 15:06	10/1/2023 0:28	562	0.04
8734029	9/30/2023 15:10	10/1/2023 0:28	558	0
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1393633	9/30/2023 15:29	9/30/2023 20:44	315	0
304295	9/30/2023 15:30	9/30/2023 16:01	31	0
791510	9/30/2023 15:30	9/30/2023 20:49	319	0
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587024	9/30/2023 16:06	10/1/2023 0:28	502	0
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645339	9/30/2023 20:50	10/1/2023 10:00	789	0
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1388092	9/30/2023 20:54	10/1/2023 10:00	785	0
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457978	9/30/2023 20:56	10/1/2023 10:00	783	0
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315345	9/30/2023 20:58	10/1/2023 10:00	781	0
6961293	9/30/2023 20:58	10/1/2023 10:00	781	0
1552790	9/30/2023 20:59	10/1/2023 10:00	780	0
324249	9/30/2023 20:59	10/1/2023 10:00	780	0
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1432940	9/30/2023 21:00	10/1/2023 9:52	772	0
316997	9/30/2023 21:00	10/1/2023 10:00	779	0
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1517239	9/30/2023 21:01	10/1/2023 8:41	700	0
1494722	9/30/2023 21:01	10/1/2023 10:00	778	0
1517747	9/30/2023 21:03	10/1/2023 10:00	776	0
324045	9/30/2023 21:07	10/1/2023 10:00	772	0
1433697	9/30/2023 21:28	10/1/2023 10:00	751.2	0
449377	10/1/2023 0:01	10/1/2023 0:04	3	0
449377	10/1/2023 0:04	10/1/2023 6:58	414	0
790670	10/1/2023 0:28	10/1/2023 10:00	571	0
1516997	10/1/2023 0:28	10/1/2023 10:00	571	0
656628	10/1/2023 0:28	10/1/2023 10:00	571	0
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510307	10/1/2023 0:28	10/1/2023 10:00	571	0
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8734029	10/1/2023 0:28	10/1/2023 10:00	571	0
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266906	10/1/2023 0:28	10/1/2023 10:00	571	0
1527339	10/1/2023 0:28	10/1/2023 10:00	571	0
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1076617	10/1/2023 0:28	10/1/2023 10:00	571	0
8206792	10/1/2023 0:28	10/1/2023 10:00	571	0
1432509	10/1/2023 0:28	10/1/2023 10:00	571	0
330528	10/1/2023 0:28	10/1/2023 8:17	469	0
489481	10/1/2023 0:28	10/1/2023 10:00	571	0
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8766703	10/1/2023 0:28	10/1/2023 9:41	553	0
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324290	10/1/2023 0:28	10/1/2023 9:54	566	0
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323657	10/1/2023 0:28	10/1/2023 9:52	564	0
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509102	10/1/2023 0:28	10/1/2023 10:00	571	0
1430838	10/1/2023 0:28	10/1/2023 9:46	558	0
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325050	10/1/2023 0:28	10/1/2023 10:00	571	0
9075059	10/1/2023 0:28	10/1/2023 9:41	553	0
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1251782	10/1/2023 0:28	10/1/2023 10:00	571	0
8972545	10/1/2023 0:28	10/1/2023 10:00	571	0
378229	10/1/2023 0:28	10/1/2023 10:00	571	0
321310	10/1/2023 0:28	10/1/2023 10:00	571	0
511223	10/1/2023 0:28	10/1/2023 10:00	571	0
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7937779	10/1/2023 0:28	10/1/2023 10:00	571	0
7533405	10/1/2023 0:28	10/1/2023 10:00	571	0
1375642	10/1/2023 0:28	10/1/2023 10:00	571	0
8495802	10/1/2023 0:28	10/1/2023 10:00	571	0
309961	10/1/2023 0:28	10/1/2023 8:00	452	0
1514004	10/1/2023 0:28	10/1/2023 10:00	571	0
1624452	10/1/2023 0:28	10/1/2023 10:00	571	0

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8148103	10/1/2023 0:28	10/1/2023 10:00	571	0
1704232	10/1/2023 0:28	10/1/2023 10:00	571	0
1508563	10/1/2023 0:28	10/1/2023 10:00	571	0
1387226	10/1/2023 0:28	10/1/2023 10:00	571	0
8564413	10/1/2023 0:30	10/1/2023 10:00	569	0
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449377	10/1/2023 6:58	10/1/2023 10:00	181	0
1027973	10/1/2023 6:59	10/1/2023 10:00	180.72	0
308959	10/1/2023 7:04	10/1/2023 10:00	175.8	0
1466445	10/1/2023 7:17	10/1/2023 10:00	162.4	0
309961	10/1/2023 8:00	10/1/2023 10:00	119	0
51483	10/1/2023 8:15	10/1/2023 10:00	104	0
330528	10/1/2023 8:17	10/1/2023 10:00	102	0
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791510	10/1/2023 8:32	10/1/2023 10:00	87	0
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1342473	10/1/2023 9:01	10/1/2023 10:00	59	0
9075059	10/1/2023 9:41	10/1/2023 10:00	18	0
8766703	10/1/2023 9:41	10/1/2023 10:00	18	0
204700	10/1/2023 9:44	10/1/2023 10:00	15	0
1493132	10/1/2023 9:46	10/1/2023 10:00	13	0
1430838	10/1/2023 9:46	10/1/2023 10:00	13	0
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323657	10/1/2023 9:52	10/1/2023 10:00	7	0
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1362130	10/1/2023 9:52	10/1/2023 10:00	7	0
1432940	10/1/2023 9:52	10/1/2023 10:00	7	0
1363588	10/1/2023 9:53	10/1/2023 10:00	6	0
323747	10/1/2023 9:53	10/1/2023 10:00	6	0
317233	10/1/2023 9:53	10/1/2023 10:00	6	0
324290	10/1/2023 9:54	10/1/2023 10:00	5	0
1310926	10/1/2023 9:55	10/1/2023 10:00	4	0
553863	10/1/2023 9:56	10/1/2023 10:00	3	0
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1064575	10/1/2023 9:59	10/1/2023 10:00	0	0

46184	10/1/2023 10:00	10/2/2023 10:00	1439	0
7937779	10/1/2023 10:00	10/1/2023 20:56	656	0
1400258	10/1/2023 10:00	10/1/2023 12:01	121	0
1027973	10/1/2023 10:00	10/1/2023 13:30	210	0
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1466445	10/1/2023 10:00	10/1/2023 19:57	597	0
705447	10/1/2023 10:00	10/2/2023 10:00	1439	0
980398	10/1/2023 10:00	10/1/2023 20:48	648	1.35
353728	10/1/2023 10:00	10/2/2023 5:51	1191	0
455994	10/1/2023 10:00	10/2/2023 1:45	945	0
324290	10/1/2023 10:00	10/1/2023 14:10	250	0
308959	10/1/2023 10:00	10/1/2023 13:18	198	0
323657	10/1/2023 10:07	10/1/2023 14:07	240	0.01
553863	10/1/2023 10:07	10/1/2023 14:08	241	0
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1565203	10/1/2023 10:13	10/1/2023 20:58	645	0
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204700	10/1/2023 11:09	10/1/2023 20:55	586	0
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378229	10/1/2023 11:45	10/1/2023 21:00	555	0.04
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8766703	10/1/2023 11:46	10/1/2023 11:56	10	0
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265473	10/1/2023 11:50	10/2/2023 10:00	1329	0
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1309098	10/1/2023 11:55	10/1/2023 14:23	148	0.34
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315345	10/1/2023 11:57	10/1/2023 14:24	147	0
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1390184	10/1/2023 13:20	10/1/2023 14:02	42	0
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308959	10/1/2023 13:50	10/1/2023 19:57	367	0
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324249	10/1/2023 14:05	10/1/2023 20:56	411	0
1619720	10/1/2023 14:05	10/1/2023 21:03	418	0
266906	10/1/2023 14:06	10/1/2023 20:54	408	0
323657	10/1/2023 14:07	10/1/2023 20:57	410	0.06
1624452	10/1/2023 14:07	10/1/2023 14:22	15	0
325050	10/1/2023 14:08	10/1/2023 14:38	30	0
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380057	10/1/2023 14:14	10/1/2023 14:30	16	0
587455	10/1/2023 14:15	10/1/2023 15:01	46	0
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8950281	10/1/2023 14:20	10/1/2023 20:59	399	0
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315346	10/1/2023 14:23	10/1/2023 14:38	15	0

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315345	10/1/2023 14:24	10/1/2023 14:41	17	0
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1362855	10/1/2023 14:26	10/1/2023 14:42	16	0
956645	10/1/2023 14:26	10/1/2023 14:42	16	0
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7533405	10/1/2023 14:28	10/1/2023 14:43	15	0
8068454	10/1/2023 14:28	10/1/2023 15:00	32	0
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380057	10/1/2023 14:30	10/1/2023 14:45	15	0
449036	10/1/2023 14:30	10/1/2023 20:53	383	0
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6995795	10/1/2023 14:34	10/1/2023 14:45	11	0
1390184	10/1/2023 14:34	10/1/2023 14:50	16	0
330528	10/1/2023 14:34	10/1/2023 20:19	345	0.08
324290	10/1/2023 14:37	10/1/2023 20:55	378	0
1310926	10/1/2023 14:38	10/1/2023 20:55	377	0
325050	10/1/2023 14:38	10/1/2023 15:23	45	0
315346	10/1/2023 14:38	10/1/2023 20:56	378	0
496500	10/1/2023 14:38	10/1/2023 20:50	372	0
1321605	10/1/2023 14:39	10/1/2023 20:41	362	0
317233	10/1/2023 14:39	10/2/2023 0:28	589	0
1363588	10/1/2023 14:39	10/2/2023 0:28	589	0
1362130	10/1/2023 14:39	10/2/2023 0:28	589	0
1309098	10/1/2023 14:39	10/1/2023 20:51	372	0
557420	10/1/2023 14:39	10/2/2023 0:28	589	0
324045	10/1/2023 14:39	10/1/2023 21:01	382	0
2032900	10/1/2023 14:39	10/1/2023 20:47	368	0
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523489	10/1/2023 14:40	10/1/2023 19:59	319	0

1320646	10/1/2023 14:40	10/2/2023 0:28	588	0
569420	10/1/2023 14:41	10/1/2023 20:43	362	0
7879030	10/1/2023 14:41	10/1/2023 20:54	373	0
1704326	10/1/2023 14:41	10/1/2023 20:53	372	0
1320008	10/1/2023 14:41	10/2/2023 0:28	587	0
960195	10/1/2023 14:41	10/1/2023 20:53	372	0.14
664453	10/1/2023 14:41	10/1/2023 20:49	368	0
954332	10/1/2023 14:41	10/1/2023 20:43	362	0
1356945	10/1/2023 14:41	10/1/2023 20:48	367	0
1190820	10/1/2023 14:41	10/2/2023 0:28	587	0
315345	10/1/2023 14:41	10/1/2023 20:59	378	0
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1251782	10/1/2023 14:44	10/1/2023 21:00	376	0.53
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588892	10/1/2023 14:46	10/2/2023 0:28	582	0
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315345	10/1/2023 20:59	10/2/2023 9:40	761	0

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449377	10/1/2023 23:16	10/2/2023 4:41	325	0
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1433697	10/1/2023 23:29	10/2/2023 0:28	59	0
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956645	10/2/2023 0:28	10/2/2023 9:30	542	0
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1190246	10/2/2023 0:28	10/2/2023 10:00	571	0
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507365	10/2/2023 0:28	10/2/2023 10:00	571	0
1494722	10/2/2023 0:28	10/2/2023 9:27	539	0
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1433697	10/2/2023 0:28	10/2/2023 0:29	1	0
1516432	10/2/2023 0:28	10/2/2023 10:00	571	0
588892	10/2/2023 0:28	10/2/2023 10:00	571	0
317233	10/2/2023 0:28	10/2/2023 9:38	550	0
328113	10/2/2023 0:28	10/2/2023 10:00	571	0
266816	10/2/2023 0:28	10/2/2023 10:00	571	0
793285	10/2/2023 0:28	10/2/2023 10:00	571	0
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455994	10/2/2023 1:45	10/2/2023 9:47	482	0
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1433697	10/2/2023 2:48	10/2/2023 10:00	431.2	0
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353728	10/2/2023 5:51	10/2/2023 5:56	5	0
353728	10/2/2023 5:56	10/2/2023 10:00	243	0
449377	10/2/2023 6:26	10/2/2023 10:00	213	0
1466445	10/2/2023 7:09	10/2/2023 10:00	170.4	0
308959	10/2/2023 7:19	10/2/2023 10:00	160.8	0
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45637	10/2/2023 8:29	10/2/2023 10:00	90	0

324290	10/2/2023 8:38	10/2/2023 10:00	81	0
317797	10/2/2023 8:38	10/2/2023 10:00	81.8	0
523489	10/2/2023 8:41	10/2/2023 10:00	78.8	0
10510361	10/2/2023 8:41	10/2/2023 10:00	78.8	0
8511623	10/2/2023 8:42	10/2/2023 10:00	77	0
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1493132	10/2/2023 9:00	10/2/2023 10:00	59	0
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558031	10/2/2023 9:07	10/2/2023 10:00	52	0
1101945	10/2/2023 9:08	10/2/2023 10:00	51	0
9075059	10/2/2023 9:11	10/2/2023 10:00	48	0
11120838	10/2/2023 9:12	10/2/2023 10:00	47.8	0
311273	10/2/2023 9:17	10/2/2023 10:00	42.8	0
1466638	10/2/2023 9:22	10/2/2023 10:00	37	0
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26864	10/2/2023 9:28	10/2/2023 10:00	31.8	0
304845	10/2/2023 9:28	10/2/2023 10:00	31.8	0
1405290	10/2/2023 9:28	10/2/2023 10:00	32	0
1393699	10/2/2023 9:29	10/2/2023 10:00	30	0
956645	10/2/2023 9:30	10/2/2023 10:00	29	0
980398	10/2/2023 9:30	10/2/2023 10:00	29	0
54286	10/2/2023 9:31	10/2/2023 10:00	28.8	0
860281	10/2/2023 9:32	10/2/2023 10:00	27	0
1624452	10/2/2023 9:32	10/2/2023 10:00	27	0
859747	10/2/2023 9:32	10/2/2023 10:00	27	0
580808	10/2/2023 9:34	10/2/2023 10:00	25	0
8104722	10/2/2023 9:38	10/2/2023 10:00	21	0
1363588	10/2/2023 9:38	10/2/2023 10:00	21	0
317233	10/2/2023 9:38	10/2/2023 10:00	21	0
315346	10/2/2023 9:38	10/2/2023 10:00	21	0
315088	10/2/2023 9:39	10/2/2023 10:00	20	0
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315345	10/2/2023 9:40	10/2/2023 10:00	19	0
1430553	10/2/2023 9:45	10/2/2023 10:00	14	0
455994	10/2/2023 9:47	10/2/2023 10:00	12	0
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1321605	10/2/2023 9:54	10/2/2023 10:00	5	0
8766703	10/2/2023 9:58	10/2/2023 10:00	1	0
7937779	10/2/2023 9:58	10/2/2023 10:00	1	0
1552447	10/2/2023 10:00	10/2/2023 19:57	597	0
319279	10/2/2023 10:00	10/3/2023 10:00	1439.8	0
772378	10/2/2023 10:00	10/3/2023 0:28	868	1.47
1405290	10/2/2023 10:00	10/2/2023 19:56	596	0.38
317797	10/2/2023 10:00	10/2/2023 19:54	594	0
637185	10/2/2023 10:00	10/3/2023 10:00	1439	0
8495802	10/2/2023 10:00	10/3/2023 0:28	868	2.54
1308096	10/2/2023 10:00	10/3/2023 10:00	1439	0
26864	10/2/2023 10:00	10/2/2023 11:11	71	0
564357	10/2/2023 10:00	10/3/2023 10:00	1439	0
54286	10/2/2023 10:00	10/3/2023 10:00	1439.8	0
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304845	10/2/2023 10:00	10/2/2023 11:59	119	0
1704232	10/2/2023 10:00	10/3/2023 0:28	868	0.03
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523489	10/2/2023 10:00	10/2/2023 20:29	629	0.07
46184	10/2/2023 10:00	10/3/2023 10:00	1439	0
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353728	10/2/2023 10:00	10/3/2023 10:00	1439	0
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1390184	10/2/2023 10:00	10/2/2023 20:56	656	0
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8950281	10/2/2023 10:06	10/2/2023 11:30	84	0
580808	10/2/2023 10:06	10/2/2023 15:09	303	0
325050	10/2/2023 10:07	10/2/2023 11:22	75	0
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313954	10/2/2023 10:07	10/3/2023 0:28	861	0
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315380	10/2/2023 10:08	10/3/2023 0:28	860	0
316997	10/2/2023 10:08	10/3/2023 0:28	860	0

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1310926	10/2/2023 10:08	10/3/2023 0:28	860	0
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8104722	10/2/2023 10:09	10/3/2023 0:28	859	0.42
315346	10/2/2023 10:09	10/3/2023 0:28	859	0
1466638	10/2/2023 10:09	10/2/2023 11:38	89	0
1309098	10/2/2023 10:09	10/2/2023 20:46	637	0.56
8524544	10/2/2023 10:09	10/3/2023 0:28	859	0
315509	10/2/2023 10:09	10/2/2023 21:01	652	0.26
9075059	10/2/2023 10:09	10/2/2023 18:58	529	0.25
315306	10/2/2023 10:10	10/2/2023 20:57	647	0.23
315088	10/2/2023 10:10	10/3/2023 0:28	858	0
10371797	10/2/2023 10:10	10/2/2023 21:01	651	0
313269	10/2/2023 10:10	10/2/2023 21:01	651	0
8910809	10/2/2023 10:10	10/3/2023 0:28	858	0
314899	10/2/2023 10:11	10/2/2023 20:50	639	0
664453	10/2/2023 10:11	10/2/2023 20:47	636	0.33
381982	10/2/2023 10:11	10/2/2023 20:54	643	0
8511623	10/2/2023 10:11	10/3/2023 0:28	857	0
1393699	10/2/2023 10:11	10/2/2023 20:50	639	0.51
1101945	10/2/2023 10:11	10/2/2023 19:00	529	0
315345	10/2/2023 10:11	10/2/2023 20:53	642	0
345647	10/2/2023 10:12	10/2/2023 12:05	113	0
315604	10/2/2023 10:12	10/3/2023 0:28	856	0
315708	10/2/2023 10:12	10/3/2023 0:28	856	0.67
314564	10/2/2023 10:12	10/3/2023 0:28	856	1.19
1064514	10/2/2023 10:12	10/2/2023 20:45	633	0.38
346288	10/2/2023 10:12	10/2/2023 11:59	107	0
6761269	10/2/2023 10:13	10/2/2023 12:05	112	0
7879030	10/2/2023 10:13	10/3/2023 0:28	855	0
318848	10/2/2023 10:14	10/2/2023 11:01	47	0
1494722	10/2/2023 10:14	10/2/2023 21:00	646	0.3
1064575	10/2/2023 10:14	10/3/2023 0:28	854	0
7937779	10/2/2023 10:14	10/3/2023 0:28	854	0.45
8766703	10/2/2023 10:14	10/2/2023 12:05	111	0
1493132	10/2/2023 10:14	10/2/2023 21:02	648	4.72
1700586	10/2/2023 10:15	10/3/2023 0:28	853	0.1
309233	10/2/2023 10:15	10/2/2023 20:48	633	0.5
317768	10/2/2023 10:15	10/2/2023 11:02	47	0
318815	10/2/2023 10:15	10/2/2023 11:02	47	0
1565203	10/2/2023 10:15	10/2/2023 11:45	90	0
317053	10/2/2023 10:16	10/2/2023 11:03	47	0
587455	10/2/2023 10:16	10/2/2023 20:49	633	0
1525793	10/2/2023 10:16	10/2/2023 12:17	121	0

980398	10/2/2023 10:17	10/3/2023 0:28	851	0.92
1430838	10/2/2023 10:18	10/2/2023 11:32	74	0
320966	10/2/2023 10:18	10/2/2023 20:55	637	0
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510307	10/2/2023 10:20	10/3/2023 0:28	848	0.04
1552154	10/2/2023 10:21	10/2/2023 11:55	94	0
498070	10/2/2023 10:21	10/2/2023 20:51	630	0.1
1320008	10/2/2023 10:22	10/2/2023 20:51	629	0.51
553863	10/2/2023 10:22	10/2/2023 20:51	629	0
507365	10/2/2023 10:22	10/3/2023 0:28	846	0
496500	10/2/2023 10:22	10/3/2023 0:28	846	0
1321750	10/2/2023 10:23	10/2/2023 20:50	627	0.24
1434550	10/2/2023 10:23	10/3/2023 0:28	845	0
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511266	10/2/2023 10:24	10/2/2023 20:51	627	0
1190246	10/2/2023 10:25	10/2/2023 20:54	629	0.02
1190820	10/2/2023 10:26	10/2/2023 20:48	622	0.02
1321605	10/2/2023 10:26	10/3/2023 0:28	842	0.47
2032900	10/2/2023 10:26	10/3/2023 0:28	842	0.28
1432509	10/2/2023 10:26	10/3/2023 0:28	842	0
1320646	10/2/2023 10:27	10/2/2023 20:51	624	0
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844651	10/2/2023 10:27	10/2/2023 11:43	76	0
8734029	10/2/2023 10:27	10/3/2023 0:28	841	0
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23462	10/2/2023 10:28	10/3/2023 10:00	1411	0
956645	10/2/2023 10:28	10/2/2023 20:54	626	2.09
954332	10/2/2023 10:28	10/3/2023 0:28	840	0
1251782	10/2/2023 10:29	10/3/2023 0:28	839	0.5
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956968	10/2/2023 10:29	10/2/2023 20:45	616	0
957615	10/2/2023 10:29	10/2/2023 20:55	626	0.03
1619681	10/2/2023 10:31	10/2/2023 19:56	565	0
304295	10/2/2023 10:31	10/2/2023 11:44	73	0
817260	10/2/2023 10:31	10/3/2023 0:28	837	0
1406535	10/2/2023 10:31	10/3/2023 0:28	837	0.71
190372	10/2/2023 10:32	10/3/2023 10:00	1407	0
54282	10/2/2023 10:33	10/3/2023 10:00	1406	0
455994	10/2/2023 10:35	10/2/2023 11:33	58	0
6714863	10/2/2023 10:36	10/2/2023 14:12	216	0
1076617	10/2/2023 10:36	10/2/2023 14:22	226	2.07
791510	10/2/2023 10:37	10/2/2023 14:09	212	0
8387677	10/2/2023 10:37	10/3/2023 0:28	831	0
317126	10/2/2023 10:37	10/3/2023 1:08	871	0
793690	10/2/2023 10:37	10/2/2023 14:40	243	0
321310	10/2/2023 10:39	10/3/2023 0:28	829	0
357972	10/2/2023 10:40	10/2/2023 11:55	75	0

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312846	10/2/2023 10:40	10/3/2023 0:28	828	0
790670	10/2/2023 10:40	10/2/2023 14:08	208	0
316630	10/2/2023 10:41	10/3/2023 0:28	827	0
793638	10/2/2023 10:41	10/2/2023 14:40	239	0.12
793285	10/2/2023 10:41	10/2/2023 14:11	210	0.14
378229	10/2/2023 10:42	10/3/2023 0:28	826	0.27
1565246	10/2/2023 10:43	10/3/2023 10:00	1396	0
1624452	10/2/2023 10:45	10/2/2023 11:33	48	0
854579	10/2/2023 10:50	10/2/2023 11:38	48	0
854585	10/2/2023 10:51	10/2/2023 11:39	48	0
8668965	10/2/2023 10:51	10/3/2023 0:28	817	0
1553525	10/2/2023 10:52	10/2/2023 11:50	58	0
324045	10/2/2023 10:52	10/2/2023 14:22	210	0
1555609	10/2/2023 10:52	10/2/2023 11:55	63	0
1362130	10/2/2023 10:52	10/2/2023 11:08	16	0
1546695	10/2/2023 10:52	10/2/2023 11:50	58	0
1363588	10/2/2023 10:52	10/2/2023 11:07	15	0
1547808	10/2/2023 10:53	10/2/2023 11:51	58	0
7533405	10/2/2023 10:56	10/2/2023 11:43	47	0
1301093	10/2/2023 10:57	10/3/2023 0:28	811	1.05
816722	10/2/2023 10:58	10/2/2023 20:47	589	0
817825	10/2/2023 10:58	10/3/2023 0:28	810	0
259674	10/2/2023 10:58	10/3/2023 0:28	810	0
317100	10/2/2023 11:00	10/3/2023 10:00	1379	0
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1514004	10/2/2023 11:01	10/2/2023 12:11	70	0
317768	10/2/2023 11:02	10/3/2023 0:28	806	0.04
318815	10/2/2023 11:02	10/3/2023 0:28	806	0
321287	10/2/2023 11:02	10/2/2023 20:19	557	0.91
308622	10/2/2023 11:03	10/2/2023 14:19	196	0
561672	10/2/2023 11:03	10/2/2023 11:34	31	0
317053	10/2/2023 11:03	10/3/2023 0:28	805	0
6168330	10/2/2023 11:06	10/2/2023 14:18	192	0
1363588	10/2/2023 11:07	10/2/2023 14:06	179	0.37
1405153	10/2/2023 11:07	10/2/2023 12:10	63	0
1093833	10/2/2023 11:08	10/3/2023 0:28	800	0
658177	10/2/2023 11:08	10/3/2023 0:28	800	0
1321663	10/2/2023 11:08	10/2/2023 20:42	574	0.23
1362130	10/2/2023 11:08	10/2/2023 14:06	178	0.26
605186	10/2/2023 11:09	10/2/2023 20:55	586	0.34
8590289	10/2/2023 11:09	10/3/2023 0:28	799	0
315616	10/2/2023 11:10	10/3/2023 0:28	798	0
549617	10/2/2023 11:10	10/3/2023 0:28	798	0.1
26864	10/2/2023 11:11	10/3/2023 10:00	1368.8	0
549596	10/2/2023 11:11	10/3/2023 0:28	797	0
564518	10/2/2023 11:11	10/3/2023 0:28	797	0

303510	10/2/2023 11:12	10/2/2023 11:43	31	0
1027973	10/2/2023 11:14	10/2/2023 12:59	105	0
1375642	10/2/2023 11:15	10/2/2023 21:01	586	0
570321	10/2/2023 11:17	10/3/2023 0:32	795	0
1619720	10/2/2023 11:18	10/2/2023 11:34	16	0
1417279	10/2/2023 11:19	10/2/2023 12:06	47	0
323657	10/2/2023 11:19	10/2/2023 15:50	271	0.18
323747	10/2/2023 11:20	10/2/2023 15:51	271	1.17
324249	10/2/2023 11:21	10/2/2023 15:52	271	1.2
569142	10/2/2023 11:22	10/3/2023 8:54	1292	0
325050	10/2/2023 11:22	10/2/2023 14:21	179	0
8068454	10/2/2023 11:23	10/2/2023 14:22	179	2.89
321565	10/2/2023 11:23	10/3/2023 10:00	1356	0
321529	10/2/2023 11:24	10/3/2023 10:00	1355	0
844965	10/2/2023 11:24	10/2/2023 14:12	168	0.73
321107	10/2/2023 11:25	10/3/2023 10:00	1354	0
6741065	10/2/2023 11:25	10/3/2023 10:00	1354	0
1254744	10/2/2023 11:26	10/2/2023 14:26	180	0
8621797	10/2/2023 11:27	10/2/2023 11:43	16	0.03
524197	10/2/2023 11:27	10/3/2023 10:00	1352	0
844871	10/2/2023 11:28	10/2/2023 12:42	74	0
1430553	10/2/2023 11:30	10/2/2023 13:50	140	0.22
8950281	10/2/2023 11:30	10/2/2023 11:46	16	0
1430838	10/2/2023 11:32	10/2/2023 13:50	138	0
1624452	10/2/2023 11:33	10/2/2023 15:05	212	0
455994	10/2/2023 11:33	10/2/2023 11:48	15	0
51957	10/2/2023 11:33	10/2/2023 13:34	121	0
51483	10/2/2023 11:33	10/2/2023 11:49	16	0
1431804	10/2/2023 11:34	10/2/2023 15:04	210	0
1619720	10/2/2023 11:34	10/2/2023 14:48	194	0.02
561672	10/2/2023 11:34	10/2/2023 12:32	58	0
1432827	10/2/2023 11:35	10/2/2023 15:03	208	0.05
854579	10/2/2023 11:38	10/2/2023 20:47	549	0
1466638	10/2/2023 11:38	10/2/2023 11:54	16	0
854585	10/2/2023 11:39	10/2/2023 13:51	132	0
304345	10/2/2023 11:43	10/2/2023 12:11	28	0
7533405	10/2/2023 11:43	10/2/2023 12:13	30	0
8621797	10/2/2023 11:43	10/2/2023 12:11	28	0.37
844651	10/2/2023 11:43	10/2/2023 13:12	89	0
303510	10/2/2023 11:43	10/2/2023 12:11	28	0
304295	10/2/2023 11:44	10/2/2023 12:16	32	0
1565203	10/2/2023 11:45	10/2/2023 14:02	137	0.01
8950281	10/2/2023 11:46	10/2/2023 14:32	166	0
455994	10/2/2023 11:48	10/2/2023 12:09	21	0
1441766	10/2/2023 11:49	10/3/2023 0:28	759	0.13
51483	10/2/2023 11:49	10/2/2023 13:34	105	0
1441767	10/2/2023 11:50	10/3/2023 0:28	758	0.06

1553525	10/2/2023 11:50	10/2/2023 20:56	546	0
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1551510	10/2/2023 11:54	10/3/2023 0:28	754	0.12
1466638	10/2/2023 11:54	10/2/2023 12:05	11	0
1432940	10/2/2023 11:54	10/2/2023 17:41	347	0
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1551513	10/2/2023 11:55	10/3/2023 0:28	753	0.13
346288	10/2/2023 11:59	10/2/2023 14:11	132	0
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8206792	10/2/2023 12:03	10/2/2023 12:38	35	0
1433697	10/2/2023 12:03	10/2/2023 18:20	377	0
6761269	10/2/2023 12:05	10/2/2023 14:11	126	0.09
1259644	10/2/2023 12:05	10/2/2023 12:16	11	0
1466638	10/2/2023 12:05	10/2/2023 16:54	289	0
8766703	10/2/2023 12:05	10/2/2023 12:16	11	0
345647	10/2/2023 12:05	10/2/2023 14:10	125	0
1417279	10/2/2023 12:06	10/2/2023 14:22	136	0.05
455994	10/2/2023 12:09	10/2/2023 14:15	126	0.01
1405153	10/2/2023 12:10	10/2/2023 13:27	77	0
1514004	10/2/2023 12:11	10/2/2023 12:17	6	0
304345	10/2/2023 12:11	10/2/2023 12:59	48	0
8621797	10/2/2023 12:11	10/2/2023 12:59	48	0.03
303510	10/2/2023 12:11	10/2/2023 12:59	48	0
7533405	10/2/2023 12:13	10/2/2023 13:00	47	0
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8766703	10/2/2023 12:16	10/2/2023 12:42	26	0
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8206792	10/2/2023 12:38	10/3/2023 10:00	1281	0
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8766703	10/2/2023 12:42	10/2/2023 14:01	79	0
852071	10/2/2023 12:42	10/3/2023 0:28	706	0.17
844871	10/2/2023 12:42	10/2/2023 14:11	89	0
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914462	10/2/2023 12:53	10/3/2023 10:00	1266	0
304295	10/2/2023 12:57	10/2/2023 13:45	48	0

350753	10/2/2023 12:59	10/3/2023 10:00	1260	0
304345	10/2/2023 12:59	10/3/2023 10:00	1260	0
303510	10/2/2023 12:59	10/2/2023 13:30	31	0
8621797	10/2/2023 12:59	10/3/2023 10:00	1260	0.01
1027973	10/2/2023 12:59	10/2/2023 14:12	73	0
7533405	10/2/2023 13:00	10/2/2023 14:14	74	0
1462990	10/2/2023 13:06	10/2/2023 14:20	74	0
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1517059	10/2/2023 13:09	10/2/2023 14:38	89	0.09
844651	10/2/2023 13:12	10/2/2023 19:51	399	0.01
1525793	10/2/2023 13:14	10/3/2023 10:00	1245	0
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446329	10/2/2023 13:32	10/2/2023 13:48	16	0
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51483	10/2/2023 13:34	10/3/2023 0:28	654	0
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304295	10/2/2023 13:45	10/2/2023 14:16	31	0
454901	10/2/2023 13:48	10/2/2023 15:33	105	0
571143	10/2/2023 13:48	10/2/2023 19:48	360	0.34
446329	10/2/2023 13:48	10/2/2023 19:56	368	0
1430553	10/2/2023 13:50	10/2/2023 14:16	26	0
1430838	10/2/2023 13:50	10/2/2023 14:16	26	0
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328113	10/2/2023 14:01	10/2/2023 14:49	48	0
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844965	10/2/2023 14:12	10/2/2023 14:28	16	0

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7533405	10/2/2023 14:14	10/2/2023 14:30	16	0
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1573666	10/2/2023 14:15	10/2/2023 14:30	15	0
1430838	10/2/2023 14:16	10/2/2023 14:32	16	0
1518241	10/2/2023 14:16	10/2/2023 14:27	11	0
304295	10/2/2023 14:16	10/2/2023 14:26	10	0
1430553	10/2/2023 14:16	10/2/2023 14:32	16	0
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1417279	10/2/2023 14:22	10/2/2023 14:38	16	0
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1254744	10/2/2023 14:26	10/2/2023 14:42	16	0
304295	10/2/2023 14:26	10/2/2023 14:42	16	0
1518241	10/2/2023 14:27	10/2/2023 14:42	15	0
1259644	10/2/2023 14:27	10/2/2023 14:43	16	0
8766703	10/2/2023 14:27	10/2/2023 14:42	15	0
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434596	10/2/2023 14:35	10/2/2023 14:45	10	0
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324045	10/2/2023 14:37	10/3/2023 0:28	591	0
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1363588	10/2/2023 14:37	10/2/2023 20:45	368	0
844965	10/2/2023 14:38	10/2/2023 20:56	378	0
1417279	10/2/2023 14:38	10/3/2023 0:28	590	0.09
1446785	10/2/2023 14:38	10/3/2023 0:28	590	0
1465703	10/2/2023 14:38	10/2/2023 20:56	378	0

1362130	10/2/2023 14:38	10/3/2023 0:28	590	0
1356945	10/2/2023 14:38	10/3/2023 0:28	590	0
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1254744	10/2/2023 14:42	10/2/2023 20:51	369	0
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434596	10/2/2023 14:45	10/3/2023 0:28	583	0
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1573666	10/2/2023 14:46	10/3/2023 0:28	582	0
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455994	10/2/2023 14:47	10/2/2023 20:56	369	0
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457729	10/2/2023 14:48	10/2/2023 16:34	106	0
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445867	10/2/2023 14:49	10/2/2023 20:52	363	0
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561757	10/2/2023 14:53	10/3/2023 0:32	579	0
800588	10/2/2023 14:53	10/2/2023 20:49	356	0
8068454	10/2/2023 14:53	10/3/2023 0:28	575	0
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489481	10/2/2023 15:04	10/3/2023 0:28	564	0

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1405153	10/2/2023 15:23	10/2/2023 19:50	267	0
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1019446	10/2/2023 15:30	10/3/2023 0:28	538	0
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324290	10/2/2023 15:37	10/3/2023 0:28	531	0
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345647	10/2/2023 15:40	10/3/2023 0:28	528	0
6761269	10/2/2023 15:40	10/3/2023 0:28	528	0
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7533405	10/2/2023 16:41	10/3/2023 10:00	1038	0
1076617	10/2/2023 16:49	10/3/2023 0:28	459	0
1466638	10/2/2023 16:54	10/3/2023 0:28	454	0
325050	10/2/2023 17:21	10/3/2023 9:06	945	0
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1433697	10/2/2023 18:29	10/2/2023 19:20	51	0
9075059	10/2/2023 18:58	10/3/2023 9:07	849	0
1101945	10/2/2023 19:00	10/3/2023 9:10	850	0
11120838	10/2/2023 19:14	10/3/2023 10:00	885.8	0

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1433697	10/2/2023 19:29	10/2/2023 19:40	11	0
1433697	10/2/2023 19:40	10/3/2023 3:09	449	0
311273	10/2/2023 19:45	10/3/2023 10:00	854.8	0
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1020565	10/2/2023 19:47	10/3/2023 10:00	852.72	0
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10510361	10/2/2023 19:50	10/3/2023 10:00	849.8	0
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844651	10/2/2023 19:51	10/3/2023 10:00	848.42	0
1400258	10/2/2023 19:52	10/3/2023 10:00	848	0
317797	10/2/2023 19:54	10/3/2023 7:16	682	0
1466445	10/2/2023 19:55	10/3/2023 8:12	737	0
454901	10/2/2023 19:55	10/3/2023 10:00	844.15	0
446329	10/2/2023 19:56	10/3/2023 9:50	834	0
1462990	10/2/2023 19:56	10/3/2023 10:00	843.4	0
1405290	10/2/2023 19:56	10/3/2023 10:00	844	0
1619681	10/2/2023 19:56	10/3/2023 10:00	843.4	0
308959	10/2/2023 19:57	10/3/2023 8:49	772	0
1552447	10/2/2023 19:57	10/3/2023 10:00	842.4	0
353371	10/2/2023 19:59	10/3/2023 10:00	840.8	0
10659831	10/2/2023 20:01	10/3/2023 10:00	838.4	0
321287	10/2/2023 20:19	10/3/2023 10:00	820	0
523489	10/2/2023 20:29	10/3/2023 8:24	715	0
319726	10/2/2023 20:40	10/3/2023 10:00	799	0
1321663	10/2/2023 20:42	10/3/2023 10:00	797	0
1320619	10/2/2023 20:42	10/3/2023 10:00	797	0
800600	10/2/2023 20:44	10/3/2023 10:00	795	0
956968	10/2/2023 20:45	10/3/2023 10:00	794	0
1265778	10/2/2023 20:45	10/3/2023 10:00	794	0
1064514	10/2/2023 20:45	10/3/2023 10:00	794	0
1363588	10/2/2023 20:45	10/3/2023 9:51	786	0
580808	10/2/2023 20:45	10/3/2023 10:00	794	0
1309098	10/2/2023 20:46	10/3/2023 9:54	788	0
816722	10/2/2023 20:47	10/3/2023 10:00	792	0
854579	10/2/2023 20:47	10/3/2023 10:00	792	0
456099	10/2/2023 20:47	10/3/2023 10:00	792	0
793638	10/2/2023 20:47	10/3/2023 9:54	787	0
664453	10/2/2023 20:47	10/3/2023 9:38	771	0
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309233	10/2/2023 20:48	10/3/2023 10:00	791	0
800588	10/2/2023 20:49	10/3/2023 10:00	790	0
587455	10/2/2023 20:49	10/3/2023 10:00	790	0
314899	10/2/2023 20:50	10/3/2023 10:00	789	0
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1321750	10/2/2023 20:50	10/3/2023 10:00	789	0

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454861	10/2/2023 20:52	10/3/2023 10:00	787	0
315345	10/2/2023 20:53	10/3/2023 8:11	678	0
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956645	10/2/2023 20:54	10/3/2023 9:41	767	0
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315509	10/2/2023 21:01	10/3/2023 10:00	778	0
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323657	10/3/2023 0:28	10/3/2023 10:00	571	0
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1321605	10/3/2023 0:28	10/3/2023 9:37	549	0
8590289	10/3/2023 0:28	10/3/2023 10:00	571	0
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8104722	10/3/2023 0:28	10/3/2023 9:25	537	0
8524544	10/3/2023 0:28	10/3/2023 10:00	571	0
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8950281	10/3/2023 0:28	10/3/2023 8:18	470	0
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457729	10/3/2023 0:28	10/3/2023 10:00	571	0
315346	10/3/2023 0:28	10/3/2023 8:07	459	0
1430553	10/3/2023 0:28	10/3/2023 9:48	560	0
510307	10/3/2023 0:28	10/3/2023 10:00	571	0
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561672	10/3/2023 0:28	10/3/2023 10:00	571	0
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6761269	10/3/2023 0:28	10/3/2023 10:00	571	0
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1019446	10/3/2023 0:28	10/3/2023 10:00	571	0
8511623	10/3/2023 0:28	10/3/2023 8:39	491	0
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1431804	10/3/2023 0:28	10/3/2023 10:00	571	0
346288	10/3/2023 0:28	10/3/2023 10:00	571	0
317053	10/3/2023 0:28	10/3/2023 10:00	571	0
790670	10/3/2023 0:28	10/3/2023 10:00	571	0
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435830	10/3/2023 0:28	10/3/2023 10:00	571	0

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817825	10/3/2023 0:28	10/3/2023 10:00	571	0
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8148103	10/3/2023 0:28	10/3/2023 10:00	571	0
1356945	10/3/2023 0:28	10/3/2023 10:00	571	0
1362130	10/3/2023 0:28	10/3/2023 9:53	565	0
1076617	10/3/2023 0:28	10/3/2023 10:00	571	0
1441766	10/3/2023 0:28	10/3/2023 10:00	571	0
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1466638	10/3/2023 0:28	10/3/2023 10:00	571	0
7879030	10/3/2023 0:28	10/3/2023 10:00	571	0
259674	10/3/2023 0:28	10/3/2023 10:00	571	0
1565203	10/3/2023 0:28	10/3/2023 8:14	466	0
852071	10/3/2023 0:28	10/3/2023 10:00	571	0
1556919	10/3/2023 0:28	10/3/2023 10:00	571	0
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793690	10/3/2023 0:28	10/3/2023 10:00	571	0
353651	10/3/2023 0:28	10/3/2023 10:00	571	0
980398	10/3/2023 0:28	10/3/2023 9:31	543	0
378229	10/3/2023 0:28	10/3/2023 10:00	571	0
1434550	10/3/2023 0:28	10/3/2023 10:00	571	0
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817260	10/3/2023 0:28	10/3/2023 10:00	571	0
570321	10/3/2023 0:32	10/3/2023 10:00	567	0
561757	10/3/2023 0:32	10/3/2023 10:00	567	0
317126	10/3/2023 1:08	10/3/2023 10:00	531	0
1433697	10/3/2023 3:09	10/3/2023 10:00	410.2	0
317797	10/3/2023 7:16	10/3/2023 8:25	69	0
315346	10/3/2023 8:07	10/3/2023 9:26	79	0
315345	10/3/2023 8:11	10/3/2023 9:26	75	0
1466445	10/3/2023 8:12	10/3/2023 10:00	107.4	0

1565203	10/3/2023 8:14	10/3/2023 10:00	105	0
8950281	10/3/2023 8:18	10/3/2023 10:00	101	0
51483	10/3/2023 8:19	10/3/2023 10:00	100	0
523489	10/3/2023 8:24	10/3/2023 10:00	95.8	0
317797	10/3/2023 8:25	10/3/2023 9:02	37	0
24124	10/3/2023 8:25	10/3/2023 10:00	94	0
45637	10/3/2023 8:26	10/3/2023 10:00	93	0
1493132	10/3/2023 8:29	10/3/2023 10:00	90	0
25674	10/3/2023 8:29	10/3/2023 10:00	90	0
8511623	10/3/2023 8:39	10/3/2023 8:55	16	0
262048	10/3/2023 8:46	10/3/2023 10:00	73.8	0
188639	10/3/2023 8:49	10/3/2023 10:00	70	0
308959	10/3/2023 8:49	10/3/2023 9:05	16	0
569142	10/3/2023 8:54	10/3/2023 10:00	65.15	0
8511623	10/3/2023 8:55	10/3/2023 10:00	64	0
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317797	10/3/2023 9:02	10/3/2023 10:00	57.8	0
1516739	10/3/2023 9:05	10/3/2023 9:21	16	0
1517059	10/3/2023 9:05	10/3/2023 9:21	16	0
308959	10/3/2023 9:05	10/3/2023 10:00	54.8	0
325050	10/3/2023 9:06	10/3/2023 9:36	30	0
9075059	10/3/2023 9:07	10/3/2023 10:00	52	0
623069	10/3/2023 9:08	10/3/2023 10:00	51.15	0
1101945	10/3/2023 9:10	10/3/2023 10:00	49	0
1465391	10/3/2023 9:15	10/3/2023 10:00	44	0
330528	10/3/2023 9:20	10/3/2023 10:00	39	0
1516739	10/3/2023 9:21	10/3/2023 9:36	15	0
1517059	10/3/2023 9:21	10/3/2023 9:38	17	0
553863	10/3/2023 9:23	10/3/2023 10:00	36	0
1494722	10/3/2023 9:25	10/3/2023 10:00	34	0
8104722	10/3/2023 9:25	10/3/2023 10:00	34	0
315346	10/3/2023 9:26	10/3/2023 10:00	33	0
317233	10/3/2023 9:26	10/3/2023 10:00	33	0
315345	10/3/2023 9:26	10/3/2023 10:00	33	0
1393699	10/3/2023 9:27	10/3/2023 10:00	32	0
342796	10/3/2023 9:29	10/3/2023 10:00	30.8	0
980398	10/3/2023 9:31	10/3/2023 10:00	28	0
1624452	10/3/2023 9:33	10/3/2023 10:00	26	0
1516739	10/3/2023 9:36	10/3/2023 10:00	23	0
859747	10/3/2023 9:36	10/3/2023 10:00	23	0
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1321605	10/3/2023 9:37	10/3/2023 10:00	22	0
664453	10/3/2023 9:38	10/3/2023 10:00	21	0
860281	10/3/2023 9:38	10/3/2023 10:00	21	0
1517059	10/3/2023 9:38	10/3/2023 10:00	21	0
956645	10/3/2023 9:41	10/3/2023 10:00	18	0
309961	10/3/2023 9:45	10/3/2023 10:00	14	0

1430553	10/3/2023 9:48	10/3/2023 10:00	11	0
1390184	10/3/2023 9:49	10/3/2023 10:00	10	0
446329	10/3/2023 9:50	10/3/2023 10:00	9.15	0
1363588	10/3/2023 9:51	10/3/2023 10:00	8	0
1310926	10/3/2023 9:52	10/3/2023 10:00	7	0
1430838	10/3/2023 9:52	10/3/2023 10:00	7	0
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793638	10/3/2023 9:54	10/3/2023 10:00	5	0
7937779	10/3/2023 9:56	10/3/2023 10:00	3	0
8766703	10/3/2023 9:57	10/3/2023 10:00	2	0
1390184	10/3/2023 10:00	10/3/2023 20:55	655	0
1466445	10/3/2023 10:00	10/3/2023 11:25	85	0
637185	10/3/2023 10:00	10/4/2023 10:00	1439	0
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311273	10/3/2023 10:00	10/3/2023 19:50	590	0
317797	10/3/2023 10:00	10/3/2023 13:13	193	0
1405290	10/3/2023 10:00	10/3/2023 19:55	595	0.34
564357	10/3/2023 10:00	10/4/2023 10:00	1439	0
6168330	10/3/2023 10:00	10/3/2023 11:33	93	0
446329	10/3/2023 10:00	10/3/2023 11:30	90	0
353728	10/3/2023 10:00	10/3/2023 11:29	89	0
309961	10/3/2023 10:00	10/3/2023 20:57	657	0
1020565	10/3/2023 10:00	10/3/2023 14:58	298	0
1466638	10/3/2023 10:00	10/3/2023 16:26	386	0
308959	10/3/2023 10:00	10/3/2023 19:56	596	0
308622	10/3/2023 10:00	10/3/2023 11:32	92	0
266816	10/3/2023 10:00	10/3/2023 14:16	256	0
1027973	10/3/2023 10:00	10/3/2023 11:02	62	0
342796	10/3/2023 10:00	10/3/2023 13:14	194	0
523489	10/3/2023 10:00	10/3/2023 13:08	188	0.12
561757	10/3/2023 10:00	10/3/2023 13:50	230	0
1308096	10/3/2023 10:00	10/4/2023 10:00	1439	0
571143	10/3/2023 10:00	10/3/2023 13:12	192	0
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587455	10/3/2023 10:00	10/4/2023 0:28	868	0
264186	10/3/2023 10:00	10/4/2023 10:00	1439	0
10510361	10/3/2023 10:00	10/3/2023 13:11	191	0
705447	10/3/2023 10:00	10/4/2023 10:00	1439	0
7879030	10/3/2023 10:01	10/3/2023 14:10	249	0
1363588	10/3/2023 10:06	10/3/2023 14:08	242	0
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793638	10/3/2023 10:09	10/4/2023 0:28	859	0
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8766703	10/3/2023 10:13	10/3/2023 12:29	136	0
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1619681	10/3/2023 10:15	10/3/2023 19:57	582	0
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980398	10/3/2023 10:18	10/3/2023 20:43	625	3.54
1431804	10/3/2023 10:19	10/3/2023 20:49	630	0
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315345	10/3/2023 10:24	10/3/2023 14:10	226	0
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975066	10/3/2023 10:42	10/3/2023 20:52	610	0.47
378229	10/3/2023 10:42	10/3/2023 20:58	616	1.57
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1498610	10/3/2023 10:44	10/3/2023 20:48	604	0
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8668965	10/3/2023 10:55	10/3/2023 20:42	587	0
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1375642	10/3/2023 10:56	10/3/2023 21:00	604	0
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563721	10/3/2023 10:59	10/3/2023 13:16	137	0
259674	10/3/2023 10:59	10/3/2023 20:47	588	0
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605186	10/3/2023 11:05	10/3/2023 14:20	195	0
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1465703	10/3/2023 11:06	10/3/2023 20:54	588	0
498070	10/3/2023 11:06	10/3/2023 20:49	583	0
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1027973	10/3/2023 11:18	10/3/2023 13:13	115	0
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313954	10/3/2023 11:22	10/3/2023 13:55	153	0

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315604	10/3/2023 11:23	10/3/2023 13:55	152	0
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1193174	10/3/2023 11:25	10/3/2023 20:55	570	0
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549617	10/3/2023 11:26	10/3/2023 20:47	561	0
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353651	10/3/2023 11:28	10/3/2023 20:50	562	0
353728	10/3/2023 11:29	10/4/2023 10:00	1350	0
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308622	10/3/2023 11:32	10/3/2023 11:48	16	0
6168330	10/3/2023 11:33	10/3/2023 11:49	16	0
8068454	10/3/2023 11:37	10/3/2023 14:20	163	0.49
800600	10/3/2023 11:38	10/3/2023 14:39	181	0
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801004	10/3/2023 11:41	10/3/2023 13:10	89	0
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432790	10/3/2023 11:49	10/3/2023 12:31	42	0
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1681747	10/3/2023 11:51	10/3/2023 12:07	16	0
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9993140	10/3/2023 11:53	10/3/2023 12:09	16	0
121750	10/3/2023 11:53	10/3/2023 12:09	16	0
1465391	10/3/2023 11:53	10/3/2023 12:25	32	0
324045	10/3/2023 11:53	10/3/2023 13:22	89	0
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1553525	10/3/2023 11:54	10/3/2023 20:54	540	0
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6992958	10/3/2023 11:55	10/3/2023 12:10	15	0
1509487	10/3/2023 11:55	10/3/2023 12:56	61	0
1512907	10/3/2023 11:56	10/3/2023 12:54	58	0
1463520	10/3/2023 11:57	10/3/2023 12:23	26	0.09
239705	10/3/2023 12:02	10/4/2023 0:28	746	0.01
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6168330	10/3/2023 12:05	10/4/2023 10:00	1314	0
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1681747	10/3/2023 12:07	10/4/2023 0:28	741	0
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6992958	10/3/2023 12:10	10/3/2023 20:55	525	0.04
1526024	10/3/2023 12:13	10/4/2023 10:00	1306	0
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916441	10/3/2023 12:19	10/4/2023 10:00	1300	0
903630	10/3/2023 12:23	10/4/2023 10:00	1296	0
1463520	10/3/2023 12:23	10/3/2023 14:56	153	0
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8766703	10/3/2023 12:29	10/3/2023 13:01	32	0
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436149	10/3/2023 12:30	10/3/2023 14:05	95	0
328113	10/3/2023 12:30	10/3/2023 14:15	105	0
432790	10/3/2023 12:31	10/3/2023 14:05	94	0.01
432495	10/3/2023 12:33	10/3/2023 14:02	89	0
437238	10/3/2023 12:34	10/3/2023 14:03	89	0
445867	10/3/2023 12:34	10/3/2023 14:55	141	0
434596	10/3/2023 12:41	10/3/2023 14:06	85	0.08
28451	10/3/2023 12:41	10/4/2023 10:00	1278	0
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1509486	10/3/2023 12:56	10/4/2023 10:00	1263	0
1511264	10/3/2023 12:56	10/3/2023 14:09	73	0
1310069	10/3/2023 12:58	10/3/2023 14:43	105	0

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446329	10/3/2023 13:05	10/3/2023 13:20	15	0
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801004	10/3/2023 13:10	10/3/2023 14:23	73	0
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571143	10/3/2023 13:12	10/3/2023 13:39	27	0
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446329	10/3/2023 13:20	10/3/2023 13:36	16	0
330528	10/3/2023 13:20	10/4/2023 10:00	1239	0.01
325050	10/3/2023 13:21	10/3/2023 13:51	30	0
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324045	10/3/2023 13:22	10/3/2023 14:20	58	0
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317797	10/3/2023 13:24	10/3/2023 13:39	15	0
523489	10/3/2023 13:24	10/3/2023 19:52	388	0
357972	10/3/2023 13:25	10/3/2023 19:59	394	0
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317797	10/3/2023 13:39	10/3/2023 19:52	373	0
571143	10/3/2023 13:39	10/3/2023 19:46	367	0
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325050	10/3/2023 13:51	10/3/2023 14:21	30	0
446329	10/3/2023 13:52	10/3/2023 19:54	362	0
313731	10/3/2023 13:54	10/3/2023 14:10	16	0
1465391	10/3/2023 13:54	10/3/2023 14:57	63	0
558031	10/3/2023 13:54	10/3/2023 14:04	10	0
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432790	10/3/2023 14:36	10/3/2023 14:51	15	0.04
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304295	10/3/2023 21:01	10/4/2023 10:00	778	0
324045	10/3/2023 21:01	10/4/2023 10:00	778	0
8621797	10/3/2023 21:02	10/4/2023 10:00	777	0

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817260	10/4/2023 0:28	10/4/2023 10:00	571	0
381982	10/4/2023 0:28	10/4/2023 9:54	566	0
315345	10/4/2023 0:28	10/4/2023 8:08	460	0
793638	10/4/2023 0:28	10/4/2023 9:55	567	0
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960195	10/4/2023 0:28	10/4/2023 10:00	571	0
664453	10/4/2023 0:28	10/4/2023 9:52	564	0
1681747	10/4/2023 0:28	10/4/2023 10:00	571	0
304345	10/4/2023 0:28	10/4/2023 10:00	571	0
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587455	10/4/2023 0:28	10/4/2023 10:00	571	0
1493132	10/4/2023 0:28	10/4/2023 8:29	481	0
496500	10/4/2023 0:28	10/4/2023 10:00	571	0
239705	10/4/2023 0:28	10/4/2023 10:00	571	0
954332	10/4/2023 0:28	10/4/2023 10:00	571	0
309233	10/4/2023 0:28	10/4/2023 10:00	571	0
791510	10/4/2023 0:28	10/4/2023 5:03	275	0
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791510	10/4/2023 5:03	10/4/2023 5:04	1	0
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317797	10/4/2023 7:16	10/4/2023 10:00	163.8	0
1466445	10/4/2023 7:23	10/4/2023 7:39	16	0
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315345	10/4/2023 8:08	10/4/2023 10:00	111	0
315346	10/4/2023 8:10	10/4/2023 10:00	109	0
1599629	10/4/2023 8:16	10/4/2023 10:00	103	0
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1431804	10/4/2023 8:21	10/4/2023 10:00	98	0
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308959	10/4/2023 9:02	10/4/2023 10:00	57.8	0
569142	10/4/2023 9:07	10/4/2023 10:00	52.15	0
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860281	10/4/2023 9:51	10/4/2023 10:00	8	0
319279	10/4/2023 9:51	10/4/2023 10:00	8.8	0
1453263	10/4/2023 9:51	10/4/2023 10:00	8.4	0
664453	10/4/2023 9:52	10/4/2023 10:00	7	0
859747	10/4/2023 9:52	10/4/2023 10:00	7	0
1310926	10/4/2023 9:52	10/4/2023 10:00	7	0
1309098	10/4/2023 9:53	10/4/2023 10:00	6	0
381982	10/4/2023 9:54	10/4/2023 10:00	5	0
793638	10/4/2023 9:55	10/4/2023 10:00	4	0
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380057	10/4/2023 9:56	10/4/2023 10:00	3	0
7879030	10/4/2023 9:58	10/4/2023 10:00	1	0
6995795	10/4/2023 9:59	10/4/2023 10:00	0	0
601397	10/4/2023 10:00	10/4/2023 11:34	94	0
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564357	10/4/2023 10:00	10/5/2023 10:00	1439	0
319279	10/4/2023 10:00	10/5/2023 10:00	1439.8	0
446329	10/4/2023 10:00	10/4/2023 13:30	210	0
317797	10/4/2023 10:00	10/4/2023 13:49	229	0
10510361	10/4/2023 10:00	10/4/2023 13:55	235	0
1624452	10/4/2023 10:00	10/4/2023 20:43	643	0
46184	10/4/2023 10:00	10/5/2023 10:00	1439	0
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1405290	10/4/2023 10:00	10/4/2023 11:57	117	0.04
593798	10/4/2023 10:00	10/5/2023 0:28	868	0
308959	10/4/2023 10:00	10/4/2023 19:50	590	0
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705447	10/4/2023 10:00	10/5/2023 10:00	1439	0
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637185	10/4/2023 10:00	10/5/2023 10:00	1439	0
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8766703	10/4/2023 10:06	10/4/2023 11:46	100	0
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1309098	10/4/2023 10:08	10/4/2023 14:10	242	0.33
1101945	10/4/2023 10:08	10/4/2023 20:43	635	0
1463520	10/4/2023 10:09	10/4/2023 11:54	105	0.02
793285	10/4/2023 10:09	10/5/2023 0:28	859	0
8148103	10/4/2023 10:09	10/4/2023 11:53	104	0
315345	10/4/2023 10:09	10/4/2023 11:54	105	0
316997	10/4/2023 10:09	10/4/2023 11:53	104	0
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1494722	10/4/2023 10:10	10/5/2023 0:28	858	0.12
1524033	10/4/2023 10:10	10/4/2023 11:39	89	0.01
793638	10/4/2023 10:10	10/4/2023 14:57	287	0
6761269	10/4/2023 10:10	10/4/2023 20:57	647	0.36
1320646	10/4/2023 10:10	10/4/2023 11:56	106	0
1393699	10/4/2023 10:10	10/5/2023 0:28	858	0.05
8511623	10/4/2023 10:10	10/4/2023 20:44	634	0
7937779	10/4/2023 10:11	10/4/2023 12:12	121	0.29
315306	10/4/2023 10:11	10/4/2023 11:56	105	0
1465391	10/4/2023 10:11	10/4/2023 11:56	105	0
6714863	10/4/2023 10:11	10/4/2023 20:48	637	0

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1320619	10/4/2023 10:12	10/4/2023 11:51	99	0
346288	10/4/2023 10:12	10/4/2023 20:57	645	0
790670	10/4/2023 10:12	10/5/2023 0:28	856	0
957615	10/4/2023 10:12	10/5/2023 0:28	856	0
1700586	10/4/2023 10:13	10/4/2023 20:43	630	0
980398	10/4/2023 10:13	10/4/2023 16:47	394	4.63
960195	10/4/2023 10:14	10/4/2023 20:48	634	0.2
587455	10/4/2023 10:14	10/4/2023 20:44	630	0
1493132	10/4/2023 10:14	10/4/2023 12:15	121	0.58
345647	10/4/2023 10:14	10/4/2023 21:29	675	0
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1619681	10/4/2023 10:16	10/4/2023 19:48	572	0
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2032900	10/4/2023 10:21	10/4/2023 11:56	95	0
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791510	10/4/2023 10:24	10/4/2023 14:52	268	0
1511264	10/4/2023 10:25	10/4/2023 20:45	620	0.09
956968	10/4/2023 10:25	10/5/2023 0:28	843	0
1406535	10/4/2023 10:26	10/4/2023 11:44	78	0
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956645	10/4/2023 10:28	10/4/2023 14:40	252	1.55
8495802	10/4/2023 10:29	10/4/2023 20:49	620	0.17
1064575	10/4/2023 10:29	10/4/2023 20:39	610	0
954637	10/4/2023 10:29	10/4/2023 20:39	610	0
309233	10/4/2023 10:32	10/5/2023 10:00	1407	0
793690	10/4/2023 10:38	10/4/2023 20:48	610	0

8717997	10/4/2023 10:38	10/4/2023 20:40	602	0
7533405	10/4/2023 10:41	10/4/2023 12:00	79	0.11
1565203	10/4/2023 10:42	10/4/2023 21:02	620	0
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445867	10/4/2023 10:45	10/4/2023 11:48	63	0
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353371	10/4/2023 10:46	10/4/2023 11:47	61	0
8668965	10/4/2023 10:52	10/4/2023 14:10	198	0
1465703	10/4/2023 10:52	10/4/2023 11:55	63	0
549596	10/4/2023 10:54	10/4/2023 11:41	47	0
1254744	10/4/2023 10:54	10/4/2023 11:57	63	0
8104722	10/4/2023 10:55	10/4/2023 11:53	58	0
314899	10/4/2023 10:55	10/4/2023 11:52	57	0
549617	10/4/2023 10:55	10/4/2023 11:42	47	0
844965	10/4/2023 10:56	10/4/2023 11:54	58	0
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330528	10/4/2023 11:04	10/4/2023 11:34	30	0
8950281	10/4/2023 11:04	10/4/2023 11:46	42	0
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9993140	10/4/2023 11:06	10/4/2023 14:26	200	0
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8387677	10/4/2023 11:07	10/4/2023 11:55	48	0
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121750	10/4/2023 11:08	10/4/2023 14:21	193	0
580808	10/4/2023 11:09	10/4/2023 20:38	569	0
1466445	10/4/2023 11:09	10/4/2023 13:09	120	0
8590289	10/4/2023 11:09	10/4/2023 14:06	177	0
378229	10/4/2023 11:10	10/4/2023 20:49	579	0.68
6992958	10/4/2023 11:10	10/4/2023 14:20	190	0.08
658177	10/4/2023 11:11	10/4/2023 20:38	567	0
1681747	10/4/2023 11:11	10/4/2023 14:24	193	0
1393633	10/4/2023 11:14	10/5/2023 0:28	794	0.2
817260	10/4/2023 11:14	10/4/2023 20:50	576	0.02
1301093	10/4/2023 11:15	10/4/2023 20:49	574	0.69
435830	10/4/2023 11:16	10/4/2023 11:46	30	0
816722	10/4/2023 11:16	10/5/2023 0:28	792	0
1251782	10/4/2023 11:16	10/4/2023 20:50	574	1.57
817825	10/4/2023 11:17	10/4/2023 20:44	567	0
455994	10/4/2023 11:18	10/4/2023 11:50	32	0
437238	10/4/2023 11:18	10/4/2023 11:50	32	0
1619720	10/4/2023 11:18	10/4/2023 20:51	573	0
436149	10/4/2023 11:19	10/4/2023 11:46	27	0

432790	10/4/2023 11:20	10/4/2023 11:45	25	0
432495	10/4/2023 11:20	10/4/2023 11:46	26	0
1451744	10/4/2023 11:21	10/4/2023 20:48	567	0.1
1511816	10/4/2023 11:23	10/4/2023 20:42	559	0
1332906	10/4/2023 11:23	10/4/2023 14:09	166	0
1452193	10/4/2023 11:24	10/5/2023 0:28	784	0
1546695	10/4/2023 11:25	10/5/2023 0:28	783	0
1553525	10/4/2023 11:25	10/5/2023 0:28	783	0
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8621797	10/4/2023 11:29	10/4/2023 11:58	29	0.7
328113	10/4/2023 11:30	10/4/2023 14:15	165	0.57
1375642	10/4/2023 11:31	10/4/2023 12:13	42	0
561672	10/4/2023 11:33	10/4/2023 11:49	16	0
605186	10/4/2023 11:33	10/4/2023 14:36	183	0
330528	10/4/2023 11:34	10/4/2023 12:49	75	0.26
601397	10/4/2023 11:34	10/5/2023 0:28	774	0
1076617	10/4/2023 11:35	10/4/2023 13:06	91	1.88
8068454	10/4/2023 11:35	10/4/2023 15:06	211	0.28
1417279	10/4/2023 11:37	10/4/2023 20:43	546	0
1093833	10/4/2023 11:38	10/4/2023 12:41	63	0
1524033	10/4/2023 11:39	10/4/2023 11:55	16	0.22
564518	10/4/2023 11:41	10/4/2023 12:40	59	0
553863	10/4/2023 11:41	10/4/2023 12:40	59	0
549596	10/4/2023 11:41	10/4/2023 11:57	16	0
549617	10/4/2023 11:42	10/4/2023 11:53	11	0
1019446	10/4/2023 11:44	10/4/2023 12:00	16	0
1406535	10/4/2023 11:44	10/4/2023 13:59	135	0.21
353651	10/4/2023 11:44	10/4/2023 12:44	60	0
432790	10/4/2023 11:45	10/4/2023 14:33	168	0
1259644	10/4/2023 11:45	10/4/2023 14:42	177	0
8766703	10/4/2023 11:46	10/4/2023 14:30	164	0
435830	10/4/2023 11:46	10/4/2023 14:30	164	0
8950281	10/4/2023 11:46	10/4/2023 12:03	17	0
436149	10/4/2023 11:46	10/4/2023 14:32	166	0
432495	10/4/2023 11:46	10/4/2023 14:32	166	0
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1020565	10/4/2023 11:48	10/4/2023 13:17	89	0
445867	10/4/2023 11:48	10/4/2023 14:31	163	0
51483	10/4/2023 11:48	10/4/2023 12:04	16	0
561672	10/4/2023 11:49	10/4/2023 13:03	74	0
434596	10/4/2023 11:49	10/4/2023 14:32	163	0
455994	10/4/2023 11:50	10/4/2023 12:06	16	0
437238	10/4/2023 11:50	10/4/2023 14:34	164	0
1320619	10/4/2023 11:51	10/4/2023 14:40	169	0
315604	10/4/2023 11:52	10/4/2023 20:45	533	0
314899	10/4/2023 11:52	10/4/2023 14:58	186	0
315380	10/4/2023 11:52	10/4/2023 20:53	541	0

314564	10/4/2023 11:52	10/4/2023 13:10	78	0.15
549617	10/4/2023 11:53	10/4/2023 12:08	15	0
316997	10/4/2023 11:53	10/4/2023 14:53	180	0
8104722	10/4/2023 11:53	10/4/2023 14:53	180	0.01
8148103	10/4/2023 11:53	10/4/2023 14:54	181	0
1463520	10/4/2023 11:54	10/4/2023 12:09	15	0.04
315345	10/4/2023 11:54	10/4/2023 14:48	174	0
844965	10/4/2023 11:54	10/4/2023 12:10	16	0
317233	10/4/2023 11:55	10/4/2023 14:23	148	0.18
1524033	10/4/2023 11:55	10/4/2023 12:11	16	0.12
8387677	10/4/2023 11:55	10/4/2023 14:37	162	0
1465703	10/4/2023 11:55	10/4/2023 12:11	16	0
10371797	10/4/2023 11:55	10/5/2023 0:28	753	0
1363588	10/4/2023 11:55	10/4/2023 12:30	35	0
1320646	10/4/2023 11:56	10/4/2023 14:36	160	0
1465391	10/4/2023 11:56	10/4/2023 12:12	16	0
315346	10/4/2023 11:56	10/4/2023 14:26	150	0
1466638	10/4/2023 11:56	10/4/2023 12:12	16	0
1362130	10/4/2023 11:56	10/4/2023 12:24	28	0
313731	10/4/2023 11:56	10/4/2023 20:53	537	0.02
2032900	10/4/2023 11:56	10/4/2023 20:39	523	0
315752	10/4/2023 11:56	10/4/2023 13:10	74	0
315306	10/4/2023 11:56	10/4/2023 15:30	214	0.06
1254744	10/4/2023 11:57	10/4/2023 12:07	10	0
549596	10/4/2023 11:57	10/4/2023 12:07	10	0
353728	10/4/2023 11:57	10/4/2023 12:45	48	0
1405290	10/4/2023 11:57	10/4/2023 13:00	63	0.12
313954	10/4/2023 11:57	10/4/2023 20:49	532	0
303510	10/4/2023 11:58	10/4/2023 13:00	62	0
8621797	10/4/2023 11:58	10/4/2023 13:01	63	0
304295	10/4/2023 12:00	10/4/2023 12:56	56	0
1019446	10/4/2023 12:00	10/4/2023 12:46	46	0
1525793	10/4/2023 12:00	10/4/2023 12:18	18	0
7533405	10/4/2023 12:00	10/4/2023 12:41	41	0.02
1599629	10/4/2023 12:02	10/4/2023 12:58	56	0.03
8950281	10/4/2023 12:03	10/4/2023 20:51	528	0
51483	10/4/2023 12:04	10/4/2023 20:43	519	0
455994	10/4/2023 12:06	10/4/2023 13:33	87	0
1254744	10/4/2023 12:07	10/4/2023 14:56	169	0
549596	10/4/2023 12:07	10/4/2023 20:42	515	0
11120838	10/4/2023 12:08	10/5/2023 10:00	1311.8	0
549617	10/4/2023 12:08	10/4/2023 20:37	509	0.06
1518000	10/4/2023 12:08	10/5/2023 10:00	1311	0
1463520	10/4/2023 12:09	10/4/2023 14:10	121	0
844965	10/4/2023 12:10	10/4/2023 13:08	58	0
1524033	10/4/2023 12:11	10/4/2023 14:26	135	0.01
1465703	10/4/2023 12:11	10/5/2023 10:00	1308	0

7937779	10/4/2023 12:12	10/4/2023 20:46	514	0
1465391	10/4/2023 12:12	10/4/2023 14:09	117	0
1466638	10/4/2023 12:12	10/4/2023 17:14	302	0
593366	10/4/2023 12:12	10/4/2023 20:36	504	0
1375642	10/4/2023 12:13	10/5/2023 0:28	735	0
1493132	10/4/2023 12:15	10/4/2023 14:29	134	0.09
317768	10/4/2023 12:15	10/4/2023 14:44	149	0
1525793	10/4/2023 12:18	10/5/2023 10:00	1301	0
593397	10/4/2023 12:20	10/4/2023 20:39	499	0
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318815	10/4/2023 12:24	10/4/2023 14:47	143	0
1513240	10/4/2023 12:24	10/5/2023 10:00	1295	0
1527339	10/4/2023 12:29	10/5/2023 10:00	1290	0
1363588	10/4/2023 12:30	10/4/2023 13:39	69	0
51957	10/4/2023 12:30	10/4/2023 20:54	504	0.08
1526024	10/4/2023 12:30	10/5/2023 10:00	1289	0
553863	10/4/2023 12:40	10/4/2023 14:09	89	0
564518	10/4/2023 12:40	10/5/2023 10:00	1279	0
1093833	10/4/2023 12:41	10/5/2023 10:00	1278	0
7533405	10/4/2023 12:41	10/4/2023 14:27	106	0
353651	10/4/2023 12:44	10/4/2023 20:41	477	0
350753	10/4/2023 12:44	10/5/2023 0:28	704	0
353728	10/4/2023 12:45	10/5/2023 6:21	1056	0
1019446	10/4/2023 12:46	10/4/2023 16:16	210	0
330528	10/4/2023 12:49	10/4/2023 14:34	105	0.02
304295	10/4/2023 12:56	10/4/2023 14:26	90	0
1599629	10/4/2023 12:58	10/4/2023 20:42	464	0.02
303510	10/4/2023 13:00	10/5/2023 10:00	1259	0
1405290	10/4/2023 13:00	10/4/2023 13:16	16	0.01
8621797	10/4/2023 13:01	10/4/2023 16:31	210	0
561672	10/4/2023 13:03	10/4/2023 14:32	89	0
1076617	10/4/2023 13:06	10/4/2023 14:04	58	0
844965	10/4/2023 13:08	10/4/2023 14:58	110	0
1363255	10/4/2023 13:09	10/5/2023 10:00	1251	0
1466445	10/4/2023 13:09	10/4/2023 13:25	16	0
314564	10/4/2023 13:10	10/5/2023 10:00	1249	0
315752	10/4/2023 13:10	10/5/2023 10:00	1249	0
1405290	10/4/2023 13:16	10/4/2023 13:32	16	0
1020565	10/4/2023 13:17	10/4/2023 13:32	15	0
1466445	10/4/2023 13:25	10/4/2023 13:41	16	0
446329	10/4/2023 13:30	10/4/2023 13:46	16	0
455345	10/4/2023 13:32	10/5/2023 0:28	656	0
1020565	10/4/2023 13:32	10/4/2023 14:14	42	0
1405290	10/4/2023 13:32	10/4/2023 13:47	15	0
455994	10/4/2023 13:33	10/4/2023 15:06	93	0
457729	10/4/2023 13:33	10/4/2023 20:53	440	0

454861	10/4/2023 13:33	10/5/2023 0:44	671	0
457978	10/4/2023 13:34	10/5/2023 0:28	654	0
455629	10/4/2023 13:35	10/4/2023 20:45	430	0
1363588	10/4/2023 13:39	10/4/2023 14:10	31	0
1466445	10/4/2023 13:41	10/4/2023 19:51	370	0
806370	10/4/2023 13:43	10/4/2023 20:43	420	0
446329	10/4/2023 13:46	10/4/2023 19:48	362	0
1027973	10/4/2023 13:47	10/4/2023 19:39	352	0
1405290	10/4/2023 13:47	10/4/2023 13:58	11	0
317797	10/4/2023 13:49	10/4/2023 13:59	10	0
10659831	10/4/2023 13:50	10/4/2023 19:52	362	0
10510361	10/4/2023 13:55	10/4/2023 19:58	363	0
808384	10/4/2023 13:58	10/4/2023 14:14	16	0
1405290	10/4/2023 13:58	10/4/2023 17:07	189	0
1406535	10/4/2023 13:59	10/4/2023 14:15	16	0
317797	10/4/2023 13:59	10/4/2023 20:30	391	0
1518241	10/4/2023 13:59	10/4/2023 14:30	31	0
1076617	10/4/2023 14:04	10/4/2023 14:35	31	0.03
523489	10/4/2023 14:04	10/4/2023 19:58	354	0
511266	10/4/2023 14:06	10/4/2023 14:22	16	0
8590289	10/4/2023 14:06	10/4/2023 20:45	399	0
507365	10/4/2023 14:06	10/4/2023 14:22	16	0
1704326	10/4/2023 14:08	10/4/2023 15:38	90	0
1465391	10/4/2023 14:09	10/4/2023 14:25	16	0
1310926	10/4/2023 14:09	10/4/2023 14:26	17	0
1332906	10/4/2023 14:09	10/5/2023 0:28	619	0
552598	10/4/2023 14:09	10/4/2023 19:54	345	0
1362130	10/4/2023 14:09	10/4/2023 14:25	16	0
553863	10/4/2023 14:09	10/4/2023 14:25	16	0
1363588	10/4/2023 14:10	10/4/2023 14:26	16	0
8668965	10/4/2023 14:10	10/4/2023 14:21	11	0
1309098	10/4/2023 14:10	10/4/2023 14:26	16	0.01
1355611	10/4/2023 14:10	10/4/2023 20:38	388	0
1463520	10/4/2023 14:10	10/4/2023 14:57	47	0
1362855	10/4/2023 14:11	10/4/2023 14:27	16	0
1310069	10/4/2023 14:12	10/4/2023 14:44	32	0
808384	10/4/2023 14:14	10/4/2023 14:40	26	0
1020565	10/4/2023 14:14	10/4/2023 15:17	63	0
328113	10/4/2023 14:15	10/4/2023 15:03	48	0.01
1406535	10/4/2023 14:15	10/4/2023 14:31	16	0
6992958	10/4/2023 14:20	10/4/2023 14:52	32	0.2
510307	10/4/2023 14:20	10/4/2023 20:43	383	0
8668965	10/4/2023 14:21	10/4/2023 14:37	16	0
121750	10/4/2023 14:21	10/4/2023 14:53	32	0
121748	10/4/2023 14:21	10/4/2023 14:53	32	0
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507365	10/4/2023 14:22	10/5/2023 0:28	606	0

317233	10/4/2023 14:23	10/4/2023 14:40	17	0
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1681747	10/4/2023 14:24	10/4/2023 14:51	27	0
1586610	10/4/2023 14:25	10/5/2023 0:28	603	0
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6503956	10/4/2023 14:25	10/4/2023 14:51	26	0
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304295	10/4/2023 14:26	10/4/2023 14:42	16	0
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1362855	10/4/2023 14:27	10/4/2023 14:37	10	0
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435830	10/4/2023 14:30	10/4/2023 14:45	15	0
1518241	10/4/2023 14:30	10/4/2023 14:45	15	0
8766703	10/4/2023 14:30	10/4/2023 14:45	15	0
445867	10/4/2023 14:31	10/4/2023 16:26	115	0
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436149	10/4/2023 14:32	10/4/2023 14:48	16	0
1394324	10/4/2023 14:32	10/4/2023 15:03	31	0
561672	10/4/2023 14:32	10/4/2023 16:01	89	0
434596	10/4/2023 14:32	10/4/2023 14:48	16	0
1394365	10/4/2023 14:32	10/4/2023 15:03	31	0
432495	10/4/2023 14:32	10/4/2023 14:48	16	0
432790	10/4/2023 14:33	10/4/2023 14:48	15	0
329546	10/4/2023 14:34	10/4/2023 20:49	375	0
330528	10/4/2023 14:34	10/4/2023 20:13	339	0.14
330485	10/4/2023 14:34	10/4/2023 20:42	368	0
437238	10/4/2023 14:34	10/4/2023 14:45	11	0
1076617	10/4/2023 14:35	10/4/2023 20:53	378	0.03
1390184	10/4/2023 14:36	10/4/2023 14:51	15	0
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1309098	10/4/2023 14:36	10/5/2023 0:28	592	0
1310926	10/4/2023 14:36	10/4/2023 20:48	372	0

8387677	10/4/2023 14:37	10/4/2023 20:44	367	0
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808829	10/4/2023 14:40	10/4/2023 14:56	16	0
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1681747	10/4/2023 14:51	10/4/2023 20:53	362	0
791510	10/4/2023 14:52	10/4/2023 15:55	63	0
1446785	10/4/2023 14:52	10/5/2023 0:28	576	0.01
6992958	10/4/2023 14:52	10/4/2023 20:49	357	0
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583848	10/4/2023 14:56	10/4/2023 15:29	33	0
808384	10/4/2023 14:56	10/4/2023 15:12	16	0
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844965	10/4/2023 14:58	10/5/2023 0:28	570	0
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1368745	10/4/2023 15:18	10/4/2023 20:43	325	0
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583848	10/4/2023 15:29	10/4/2023 20:38	309	0
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1704326	10/4/2023 15:38	10/4/2023 20:47	309	0
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791510	10/4/2023 15:55	10/4/2023 15:56	1	0
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1551510	10/4/2023 16:07	10/5/2023 1:10	543	0
8910809	10/4/2023 16:09	10/4/2023 20:42	273	0
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791510	10/4/2023 16:10	10/4/2023 16:11	1	0
791510	10/4/2023 16:11	10/4/2023 20:44	273	0
7879030	10/4/2023 16:12	10/4/2023 20:42	270	0
6995795	10/4/2023 16:12	10/4/2023 20:45	273	0
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304345	10/4/2023 16:16	10/4/2023 20:45	269	0
1019446	10/4/2023 16:16	10/4/2023 20:32	256	0
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8621797	10/4/2023 16:31	10/4/2023 20:53	262	0
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1405290	10/4/2023 17:07	10/4/2023 19:49	162	0

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1406535	10/4/2023 18:01	10/4/2023 20:49	168	0
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446329	10/4/2023 19:48	10/5/2023 8:45	777	0
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434369	10/4/2023 19:50	10/5/2023 10:00	849.15	0
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1466445	10/4/2023 19:51	10/5/2023 6:53	662	0
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552598	10/4/2023 19:54	10/5/2023 10:00	845.15	0
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353371	10/4/2023 19:58	10/5/2023 10:00	841.8	0
523489	10/4/2023 19:58	10/5/2023 10:00	841.8	0
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330528	10/4/2023 20:13	10/5/2023 10:00	826	0
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1019446	10/4/2023 20:32	10/5/2023 10:00	807	0
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593366	10/4/2023 20:36	10/5/2023 10:00	803	0
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1356945	10/4/2023 20:38	10/5/2023 10:00	801	0
664453	10/4/2023 20:38	10/5/2023 9:41	783	0
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325050	10/4/2023 20:41	10/5/2023 9:36	775	0
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8910809	10/4/2023 20:42	10/5/2023 9:58	796	0
437238	10/4/2023 20:42	10/5/2023 9:34	772	0
808384	10/4/2023 20:42	10/5/2023 10:00	797	0
549596	10/4/2023 20:42	10/5/2023 10:00	797	0
561757	10/4/2023 20:42	10/5/2023 10:00	797	0
7879030	10/4/2023 20:42	10/5/2023 9:54	792	0
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1368745	10/4/2023 20:43	10/5/2023 10:00	796	0
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510307	10/4/2023 20:43	10/5/2023 10:00	796	0
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6503956	10/4/2023 20:43	10/5/2023 10:00	796	0
1624452	10/4/2023 20:43	10/5/2023 9:30	767	0
791510	10/4/2023 20:44	10/5/2023 5:09	505	0
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8387677	10/4/2023 20:44	10/5/2023 10:00	795	0
587455	10/4/2023 20:44	10/5/2023 10:00	795	0
1463520	10/4/2023 20:44	10/5/2023 10:00	795	0
8511623	10/4/2023 20:44	10/5/2023 8:38	714	0
315346	10/4/2023 20:44	10/5/2023 9:24	760	0
817825	10/4/2023 20:44	10/5/2023 10:00	795	0
511266	10/4/2023 20:44	10/5/2023 10:00	795	0
558031	10/4/2023 20:44	10/5/2023 10:00	795	0
1508563	10/4/2023 20:44	10/5/2023 10:00	795	0
304345	10/4/2023 20:45	10/5/2023 10:00	794	0
8590289	10/4/2023 20:45	10/5/2023 10:00	794	0
315604	10/4/2023 20:45	10/5/2023 10:00	794	0
1511264	10/4/2023 20:45	10/5/2023 10:00	794	0
6995795	10/4/2023 20:45	10/5/2023 9:57	792	0
432790	10/4/2023 20:45	10/5/2023 9:48	783	0
455629	10/4/2023 20:45	10/5/2023 10:00	794	0
1586005	10/4/2023 20:46	10/5/2023 10:00	793	0
7937779	10/4/2023 20:46	10/5/2023 9:58	792	0
317768	10/4/2023 20:46	10/5/2023 10:00	793	0
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1511251	10/4/2023 20:47	10/5/2023 10:00	792	0

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1704326	10/4/2023 20:47	10/5/2023 10:00	792	0
793690	10/4/2023 20:48	10/5/2023 10:00	791	0
1465391	10/4/2023 20:48	10/5/2023 10:00	791	0
960195	10/4/2023 20:48	10/5/2023 10:00	791	0
1310926	10/4/2023 20:48	10/5/2023 9:52	784	0
6714863	10/4/2023 20:48	10/5/2023 10:00	791	0
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6992958	10/4/2023 20:49	10/5/2023 10:00	790	0
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378229	10/4/2023 20:49	10/5/2023 10:00	790	0
329546	10/4/2023 20:49	10/5/2023 10:00	790	0
1406535	10/4/2023 20:49	10/5/2023 7:55	666	0
381982	10/4/2023 20:49	10/5/2023 9:55	786	0
1301093	10/4/2023 20:49	10/5/2023 10:00	790	0
313954	10/4/2023 20:49	10/5/2023 10:00	790	0
9063373	10/4/2023 20:50	10/5/2023 10:00	789	0
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817260	10/4/2023 20:50	10/5/2023 10:00	789	0
435830	10/4/2023 20:50	10/5/2023 9:44	774	0
561672	10/4/2023 20:50	10/5/2023 10:00	789	0
1430553	10/4/2023 20:50	10/5/2023 9:48	778	0
1619720	10/4/2023 20:51	10/5/2023 10:00	788	0
8950281	10/4/2023 20:51	10/5/2023 9:00	729	0
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8621797	10/4/2023 20:53	10/5/2023 10:00	786	0
1076617	10/4/2023 20:53	10/5/2023 10:00	786	0
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1681747	10/4/2023 20:53	10/5/2023 10:00	786	0
315380	10/4/2023 20:53	10/5/2023 10:00	786	0
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324045	10/4/2023 20:55	10/5/2023 10:00	784	0
8104722	10/4/2023 20:57	10/5/2023 10:00	782	0
6761269	10/4/2023 20:57	10/5/2023 9:58	781	0
315306	10/4/2023 20:57	10/5/2023 10:00	782	0
346288	10/4/2023 20:57	10/5/2023 9:59	782	0

8148103	10/4/2023 20:57	10/5/2023 10:00	782	0
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345647	10/4/2023 21:29	10/5/2023 9:54	745	0
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1493132	10/5/2023 0:28	10/5/2023 8:41	493	0
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324290	10/5/2023 8:20	10/5/2023 10:00	99	0
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8511623	10/5/2023 8:38	10/5/2023 10:00	81	0
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446329	10/5/2023 8:45	10/5/2023 10:00	74.15	0
342796	10/5/2023 8:57	10/5/2023 10:00	62.8	0
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664453	10/5/2023 9:41	10/5/2023 10:00	18	0
435830	10/5/2023 9:44	10/5/2023 10:00	15	0
616242	10/5/2023 9:44	10/5/2023 10:00	15.15	0
1573666	10/5/2023 9:45	10/5/2023 10:00	14	0
445867	10/5/2023 9:46	10/5/2023 10:00	13	0
1430838	10/5/2023 9:46	10/5/2023 10:00	13	0
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1363588	10/5/2023 9:52	10/5/2023 10:00	7	0
1321605	10/5/2023 9:52	10/5/2023 10:00	7	0
8206792	10/5/2023 9:53	10/5/2023 10:00	6	0
1362130	10/5/2023 9:53	10/5/2023 10:00	6	0
1309098	10/5/2023 9:53	10/5/2023 10:00	6	0
7879030	10/5/2023 9:54	10/5/2023 10:00	5	0
345647	10/5/2023 9:54	10/5/2023 10:00	5	0
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6761269	10/5/2023 9:58	10/5/2023 10:00	1	0
7937779	10/5/2023 9:58	10/5/2023 10:00	1	0
346288	10/5/2023 9:59	10/5/2023 10:00	0	0
10510361	10/5/2023 10:00	10/5/2023 11:11	71	0
564357	10/5/2023 10:00	10/6/2023 10:00	1439	0
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455994	10/5/2023 10:00	10/5/2023 11:43	103	0
446329	10/5/2023 10:00	10/5/2023 19:44	584	0
26864	10/5/2023 10:00	10/5/2023 19:42	582	0
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1466445	10/5/2023 10:00	10/5/2023 19:45	585	0
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1453263	10/5/2023 10:00	10/5/2023 13:22	202	0
1405290	10/5/2023 10:00	10/5/2023 19:41	581	0
308959	10/5/2023 10:00	10/5/2023 19:45	585	0.05
616242	10/5/2023 10:00	10/5/2023 19:36	576	0
353728	10/5/2023 10:00	10/5/2023 12:21	141	0
46184	10/5/2023 10:00	10/6/2023 10:00	1439	0
705447	10/5/2023 10:00	10/6/2023 10:00	1439	0
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321287	10/5/2023 10:00	10/6/2023 10:00	1439	0.08
496500	10/5/2023 10:00	10/6/2023 0:28	868	0.01
264186	10/5/2023 10:00	10/6/2023 10:00	1439	0
1400258	10/5/2023 10:00	10/5/2023 19:31	571	0
436149	10/5/2023 10:00	10/5/2023 20:37	637	0
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317797	10/5/2023 10:00	10/5/2023 11:09	69	0
1390184	10/5/2023 10:00	10/5/2023 20:42	642	0
1385431	10/5/2023 10:00	10/5/2023 19:40	580	0
45637	10/5/2023 10:06	10/5/2023 13:58	232	0.04
605186	10/5/2023 10:06	10/5/2023 11:50	104	0
1466638	10/5/2023 10:06	10/6/2023 0:28	862	0
325050	10/5/2023 10:06	10/5/2023 11:43	97	0
553863	10/5/2023 10:06	10/5/2023 20:34	628	0.6
1450250	10/5/2023 10:07	10/5/2023 11:54	107	0
8206792	10/5/2023 10:08	10/5/2023 11:53	105	0

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1101945	10/5/2023 10:08	10/5/2023 20:43	635	0
346288	10/5/2023 10:09	10/5/2023 20:35	626	0
1362130	10/5/2023 10:09	10/5/2023 11:44	95	0
1309098	10/5/2023 10:09	10/5/2023 20:39	630	0.33
345647	10/5/2023 10:10	10/6/2023 0:28	858	0
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8766703	10/5/2023 10:12	10/5/2023 11:45	93	0
957615	10/5/2023 10:12	10/5/2023 20:43	631	0
1434550	10/5/2023 10:12	10/6/2023 0:28	856	0
1494722	10/5/2023 10:12	10/5/2023 20:44	632	1.23
664453	10/5/2023 10:12	10/6/2023 0:28	856	0.48
1700586	10/5/2023 10:12	10/5/2023 14:26	254	0
8734029	10/5/2023 10:12	10/5/2023 20:45	633	0
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1393699	10/5/2023 10:13	10/5/2023 20:31	618	0.56
1565246	10/5/2023 10:13	10/6/2023 0:28	855	0
1565203	10/5/2023 10:14	10/6/2023 0:28	854	0
7533405	10/5/2023 10:14	10/5/2023 12:14	120	0.02
587455	10/5/2023 10:14	10/6/2023 0:28	854	0
23566	10/5/2023 10:14	10/5/2023 11:48	94	0
41508	10/5/2023 10:14	10/6/2023 10:00	1425	0.01
7937779	10/5/2023 10:14	10/6/2023 0:28	854	0
6761269	10/5/2023 10:15	10/6/2023 0:28	853	0.12
1493132	10/5/2023 10:15	10/5/2023 20:48	633	2.66
304295	10/5/2023 10:15	10/5/2023 14:16	241	0
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1704232	10/5/2023 10:16	10/5/2023 20:37	621	0.45
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445867	10/5/2023 10:17	10/5/2023 20:35	618	0.49
1624452	10/5/2023 10:17	10/5/2023 14:31	254	0
267537	10/5/2023 10:18	10/5/2023 19:33	555	0.06
274125	10/5/2023 10:18	10/5/2023 20:54	636	0
1430838	10/5/2023 10:18	10/5/2023 14:17	239	0
432495	10/5/2023 10:20	10/5/2023 22:10	710	0
435830	10/5/2023 10:20	10/6/2023 0:28	848	0
1430553	10/5/2023 10:20	10/5/2023 14:16	236	0.04
432790	10/5/2023 10:21	10/6/2023 0:28	847	0.18
324290	10/5/2023 10:21	10/5/2023 11:43	82	0
1521655	10/5/2023 10:22	10/5/2023 14:23	241	0

316997	10/5/2023 10:22	10/5/2023 11:55	93	0
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1320646	10/5/2023 10:22	10/5/2023 20:45	623	0.09
6714863	10/5/2023 10:22	10/6/2023 0:28	846	0.02
793285	10/5/2023 10:23	10/5/2023 20:44	621	0.58
1190820	10/5/2023 10:23	10/5/2023 11:41	78	0
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1321605	10/5/2023 10:23	10/5/2023 15:36	313	0
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580808	10/5/2023 10:23	10/6/2023 0:28	845	0
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324045	10/5/2023 10:24	10/5/2023 14:06	222	0
790670	10/5/2023 10:24	10/5/2023 20:38	614	0
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315306	10/5/2023 10:24	10/5/2023 11:52	88	0
507365	10/5/2023 10:24	10/5/2023 11:53	89	0
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315345	10/5/2023 10:25	10/5/2023 11:54	89	0
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8148103	10/5/2023 10:26	10/5/2023 11:52	86	0
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1321750	10/5/2023 10:27	10/5/2023 20:42	615	0.08
315346	10/5/2023 10:27	10/5/2023 11:55	88	0
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561672	10/5/2023 10:29	10/6/2023 0:28	839	0
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1019446	10/5/2023 10:31	10/5/2023 14:14	223	0
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854579	10/5/2023 10:34	10/5/2023 11:22	48	0
561757	10/5/2023 10:37	10/5/2023 11:53	76	0
508593	10/5/2023 10:37	10/5/2023 11:53	76	0
854585	10/5/2023 10:37	10/5/2023 11:49	72	0.1
793690	10/5/2023 10:37	10/6/2023 0:28	831	0.3
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956968	10/5/2023 10:41	10/5/2023 20:37	596	0
378229	10/5/2023 10:41	10/6/2023 0:28	827	0.16
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506261	10/5/2023 10:43	10/5/2023 11:54	71	0.05
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1076617	10/5/2023 10:49	10/5/2023 14:18	209	1.33
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25066	10/5/2023 11:00	10/5/2023 14:29	209	0
1301093	10/5/2023 11:00	10/5/2023 14:27	207	0.55
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317797	10/5/2023 11:09	10/5/2023 12:38	89	0
1393633	10/5/2023 11:10	10/5/2023 20:38	568	0.5
523489	10/5/2023 11:10	10/5/2023 12:39	89	0
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852071	10/5/2023 11:19	10/5/2023 11:50	31	0
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308622	10/5/2023 11:41	10/5/2023 11:52	11	0
1190820	10/5/2023 11:41	10/5/2023 12:56	75	0
8717997	10/5/2023 11:42	10/5/2023 20:35	533	0
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1310069	10/5/2023 11:44	10/5/2023 11:59	15	0
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8766703	10/5/2023 11:45	10/5/2023 12:00	15	0
456099	10/5/2023 11:48	10/5/2023 12:04	16	0
23566	10/5/2023 11:48	10/5/2023 20:37	529	0
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6168330	10/5/2023 11:49	10/5/2023 12:05	16	0
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601397	10/5/2023 11:51	10/5/2023 20:47	536	0

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455345	10/5/2023 11:52	10/5/2023 12:08	16	0
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506261	10/5/2023 11:54	10/5/2023 13:39	105	0.17
315345	10/5/2023 11:54	10/5/2023 12:10	16	0
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316997	10/5/2023 11:55	10/5/2023 12:11	16	0
315346	10/5/2023 11:55	10/5/2023 12:10	15	0
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317233	10/5/2023 11:55	10/5/2023 12:10	15	0
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350753	10/5/2023 12:00	10/5/2023 22:59	659	0.14
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456099	10/5/2023 12:04	10/6/2023 10:00	1315	0
8950281	10/5/2023 12:04	10/5/2023 15:34	210	0
455994	10/5/2023 12:04	10/5/2023 14:05	121	0
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852071	10/5/2023 12:05	10/6/2023 10:00	1314	0
51483	10/5/2023 12:05	10/5/2023 15:35	210	0
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455345	10/5/2023 12:08	10/6/2023 10:00	1311	0
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315345	10/5/2023 12:10	10/5/2023 13:39	89	0

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315752	10/5/2023 12:26	10/5/2023 13:39	73	0
313731	10/5/2023 12:26	10/5/2023 13:39	73	0.02
313954	10/5/2023 12:26	10/5/2023 13:39	73	0
317797	10/5/2023 12:38	10/5/2023 13:10	32	0
523489	10/5/2023 12:39	10/5/2023 13:11	32	0
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1190820	10/5/2023 12:56	10/5/2023 14:36	100	0
588892	10/5/2023 13:01	10/5/2023 14:15	74	0.09
1513240	10/5/2023 13:02	10/5/2023 14:15	73	0
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844651	10/5/2023 13:12	10/5/2023 19:45	393	0
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10510361	10/5/2023 13:23	10/5/2023 13:38	15	0
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1362130	10/5/2023 13:24	10/5/2023 14:11	47	0
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523489	10/5/2023 13:37	10/5/2023 19:40	363	0

8104722	10/5/2023 13:37	10/5/2023 14:09	32	0.03
1453263	10/5/2023 13:37	10/5/2023 19:40	363	0
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10510361	10/5/2023 13:38	10/5/2023 19:41	363	0
8590289	10/5/2023 13:39	10/5/2023 14:53	74	0
314564	10/5/2023 13:39	10/5/2023 14:37	58	0.03
507365	10/5/2023 13:39	10/5/2023 14:36	57	0
313954	10/5/2023 13:39	10/5/2023 14:37	58	0
10371797	10/5/2023 13:39	10/5/2023 14:36	57	0
315752	10/5/2023 13:39	10/5/2023 14:42	63	0
315345	10/5/2023 13:39	10/5/2023 14:10	31	0
506261	10/5/2023 13:39	10/6/2023 0:28	649	0
313731	10/5/2023 13:39	10/5/2023 14:42	63	0
315604	10/5/2023 13:39	10/5/2023 14:36	57	0
317233	10/5/2023 13:40	10/5/2023 14:11	31	0
315346	10/5/2023 13:40	10/5/2023 14:12	32	0
8766703	10/5/2023 13:42	10/5/2023 14:14	32	0
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324290	10/5/2023 14:05	10/5/2023 15:08	63	0
455994	10/5/2023 14:05	10/5/2023 15:08	63	0.06
1511532	10/5/2023 14:06	10/5/2023 14:22	16	0
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315345	10/5/2023 14:10	10/5/2023 14:26	16	0
317233	10/5/2023 14:11	10/5/2023 14:27	16	0
844871	10/5/2023 14:11	10/5/2023 20:44	393	0
1362130	10/5/2023 14:11	10/5/2023 14:27	16	0

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1019446	10/5/2023 14:14	10/6/2023 0:28	614	0
8766703	10/5/2023 14:14	10/5/2023 14:28	14	0
303510	10/5/2023 14:14	10/5/2023 14:29	15	0
569420	10/5/2023 14:14	10/6/2023 0:28	614	0
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1430553	10/5/2023 14:16	10/5/2023 14:32	16	0
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1430838	10/5/2023 14:17	10/5/2023 14:33	16	0
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1076617	10/5/2023 14:18	10/5/2023 20:46	388	0.36
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319279	10/6/2023 10:00	10/6/2023 19:41	581	0
637185	10/6/2023 10:00	10/7/2023 10:00	1439	0
1405290	10/6/2023 10:00	10/6/2023 19:43	583	0.03
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705447	10/6/2023 10:00	10/7/2023 10:00	1439	0
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1101945	10/6/2023 10:06	10/7/2023 10:00	1433	0
1552154	10/6/2023 10:06	10/6/2023 14:23	257	0
1309098	10/6/2023 10:07	10/7/2023 0:28	861	0
1466638	10/6/2023 10:07	10/6/2023 14:09	242	0
1432509	10/6/2023 10:08	10/6/2023 14:26	258	0
1463520	10/6/2023 10:08	10/6/2023 20:40	632	0.13
8734029	10/6/2023 10:08	10/6/2023 14:25	257	0
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1362855	10/6/2023 10:10	10/6/2023 14:22	252	0
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772378	10/6/2023 10:19	10/6/2023 14:21	242	0
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498070	10/6/2023 10:35	10/6/2023 14:21	226	0
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316997	10/6/2023 10:38	10/6/2023 14:22	224	0
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1393699	10/6/2023 10:42	10/7/2023 0:28	826	0
954332	10/6/2023 10:42	10/6/2023 20:46	604	0
1518241	10/6/2023 10:42	10/7/2023 0:28	826	0
954637	10/6/2023 10:42	10/6/2023 20:45	603	0
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1494722	10/6/2023 10:44	10/7/2023 0:28	824	0.26
328113	10/6/2023 10:46	10/6/2023 11:49	63	0
854579	10/6/2023 10:48	10/6/2023 11:35	47	0
854585	10/6/2023 10:49	10/6/2023 11:37	48	0
315306	10/6/2023 10:49	10/6/2023 11:25	36	0
315345	10/6/2023 10:51	10/6/2023 14:09	198	0
312846	10/6/2023 10:52	10/6/2023 14:11	199	0
8068454	10/6/2023 10:52	10/6/2023 11:51	59	0
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571143	10/6/2023 11:09	10/7/2023 10:00	1370.15	0
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561757	10/6/2023 11:15	10/6/2023 14:19	184	0
8950281	10/6/2023 11:15	10/6/2023 20:42	567	0
469018	10/6/2023 11:16	10/6/2023 15:02	226	0
51483	10/6/2023 11:16	10/6/2023 20:39	563	0
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1421188	10/6/2023 11:22	10/6/2023 20:47	565	0.15
2032900	10/6/2023 11:23	10/7/2023 0:28	785	0
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1517059	10/6/2023 11:40	10/6/2023 11:55	15	0
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587455	10/6/2023 11:47	10/6/2023 12:32	45	0
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324290	10/6/2023 11:52	10/6/2023 12:08	16	0
323657	10/6/2023 11:53	10/6/2023 12:08	15	0
325050	10/6/2023 11:54	10/6/2023 12:09	15	0
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8621797	10/6/2023 11:58	10/6/2023 14:31	153	0.26
359916	10/6/2023 11:58	10/6/2023 14:27	149	0
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980398	10/6/2023 13:32	10/6/2023 14:14	42	0
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800590	10/6/2023 14:24	10/6/2023 14:39	15	0
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353651	10/6/2023 14:25	10/6/2023 20:41	376	0
8734029	10/6/2023 14:25	10/6/2023 14:41	16	0
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1432509	10/6/2023 14:26	10/6/2023 14:42	16	0
1524033	10/6/2023 14:26	10/6/2023 15:08	42	0
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1434550	10/6/2023 14:27	10/6/2023 14:42	15	0
1064514	10/6/2023 14:28	10/6/2023 14:45	17	0
304295	10/6/2023 14:28	10/6/2023 16:00	92	0
315306	10/6/2023 14:28	10/6/2023 15:40	72	0
1310069	10/6/2023 14:29	10/6/2023 14:44	15	0
7533405	10/6/2023 14:29	10/6/2023 14:45	16	0
1493132	10/6/2023 14:29	10/6/2023 16:45	136	0.18
561757	10/6/2023 14:29	10/6/2023 14:45	16	0
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7937779	10/6/2023 14:30	10/6/2023 20:42	372	0.13
980398	10/6/2023 14:30	10/6/2023 14:46	16	0
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315346	10/6/2023 14:41	10/6/2023 20:43	362	0
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561757	10/6/2023 14:45	10/7/2023 0:28	583	0
316997	10/6/2023 14:45	10/6/2023 20:43	358	0
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980398	10/6/2023 14:46	10/6/2023 20:40	354	0
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325050	10/6/2023 16:22	10/6/2023 17:07	45	0
324290	10/6/2023 16:23	10/6/2023 20:25	242	0
1493132	10/6/2023 16:45	10/7/2023 0:28	463	0
8910809	10/6/2023 17:01	10/6/2023 17:06	5	0
449377	10/6/2023 17:02	10/6/2023 19:15	133	0
8910809	10/6/2023 17:06	10/7/2023 0:28	442	0
325050	10/6/2023 17:07	10/6/2023 20:32	205	0

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449377	10/6/2023 19:15	10/7/2023 2:25	430	0
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319279	10/6/2023 19:41	10/7/2023 10:00	858.8	0
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1020565	10/6/2023 19:44	10/7/2023 10:00	855.72	0
1466445	10/6/2023 19:45	10/7/2023 8:42	777	0
317797	10/6/2023 19:45	10/7/2023 8:37	772	0
308959	10/6/2023 19:46	10/7/2023 8:03	737	0
353371	10/6/2023 19:49	10/7/2023 10:00	850.8	0
357972	10/6/2023 19:50	10/7/2023 10:00	849.15	0
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330528	10/6/2023 19:56	10/7/2023 9:07	791	0
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1624452	10/6/2023 20:24	10/7/2023 9:32	788	0
324290	10/6/2023 20:25	10/7/2023 9:06	761	0
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328570	10/6/2023 20:26	10/7/2023 10:00	813	0
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8734029	10/6/2023 20:29	10/7/2023 10:00	810	0
1466638	10/6/2023 20:32	10/7/2023 9:23	771	0
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353651	10/6/2023 20:41	10/7/2023 10:00	798	0
315345	10/6/2023 20:42	10/7/2023 9:39	777	0
8387677	10/6/2023 20:42	10/7/2023 10:00	797	0

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1465391	10/6/2023 20:42	10/7/2023 9:39	777	0
329546	10/6/2023 20:42	10/7/2023 10:00	797	0
7937779	10/6/2023 20:42	10/7/2023 10:00	797	0
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8950281	10/6/2023 20:42	10/7/2023 10:00	797	0
315346	10/6/2023 20:43	10/7/2023 9:41	778	0
316997	10/6/2023 20:43	10/7/2023 10:00	796	0
1417138	10/6/2023 20:44	10/7/2023 9:53	789	0
1552154	10/6/2023 20:45	10/7/2023 10:00	794	0
954637	10/6/2023 20:45	10/7/2023 10:00	794	0
1301093	10/6/2023 20:45	10/7/2023 10:00	794	0
6583289	10/6/2023 20:45	10/7/2023 10:00	794	0
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954332	10/6/2023 20:46	10/7/2023 10:00	793	0
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817260	10/6/2023 20:47	10/7/2023 10:00	792	0
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1251782	10/6/2023 20:50	10/7/2023 10:00	789	0
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572882	10/6/2023 20:51	10/7/2023 10:00	788	0
309961	10/6/2023 20:51	10/7/2023 9:03	732	0
449036	10/6/2023 20:51	10/7/2023 10:00	788	0
8621797	10/6/2023 20:51	10/7/2023 10:00	788	0
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854585	10/6/2023 20:53	10/7/2023 10:00	786	0
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772378	10/6/2023 20:53	10/7/2023 10:00	786	0
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957615	10/7/2023 0:28	10/7/2023 10:00	571	0
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1494722	10/7/2023 0:28	10/7/2023 10:00	571	0
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793285	10/7/2023 0:28	10/7/2023 10:00	571	0
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656628	10/7/2023 0:28	10/7/2023 10:00	571	0
317233	10/7/2023 0:28	10/7/2023 9:37	549	0
1320646	10/7/2023 0:28	10/7/2023 10:00	571	0
549596	10/7/2023 0:28	10/7/2023 10:00	571	0
658177	10/7/2023 0:28	10/7/2023 10:00	571	0
1390184	10/7/2023 0:28	10/7/2023 9:48	560	0
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455994	10/7/2023 0:28	10/7/2023 10:00	571	0
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1431804	10/7/2023 0:28	10/7/2023 10:00	571	0
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1362855	10/7/2023 0:28	10/7/2023 10:00	571	0
8910809	10/7/2023 0:28	10/7/2023 10:00	571	0
553863	10/7/2023 0:28	10/7/2023 9:56	568	0
304295	10/7/2023 0:28	10/7/2023 9:43	555	0
9075059	10/7/2023 0:28	10/7/2023 9:22	534	0
800600	10/7/2023 0:28	10/7/2023 10:00	571	0
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1363588	10/7/2023 0:28	10/7/2023 9:40	552	0
314899	10/7/2023 0:28	10/7/2023 10:00	571	0
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1310926	10/7/2023 0:28	10/7/2023 10:00	571	0
1518241	10/7/2023 0:28	10/7/2023 9:42	554	0
2032900	10/7/2023 0:28	10/7/2023 10:00	571	0
7533405	10/7/2023 1:20	10/7/2023 10:00	519	0
449377	10/7/2023 2:25	10/7/2023 2:53	28	0
449377	10/7/2023 2:53	10/7/2023 6:42	229	0
449377	10/7/2023 6:42	10/7/2023 10:00	197	0
308959	10/7/2023 8:03	10/7/2023 9:32	89	0
1565203	10/7/2023 8:15	10/7/2023 10:00	104	0
8718349	10/7/2023 8:30	10/7/2023 9:59	89	0
317797	10/7/2023 8:37	10/7/2023 10:00	82.8	0
1405153	10/7/2023 8:40	10/7/2023 10:00	80	0
589615	10/7/2023 8:42	10/7/2023 10:00	77.15	0
1466445	10/7/2023 8:42	10/7/2023 10:00	77.4	0
1567316	10/7/2023 8:44	10/7/2023 10:00	75	0
1565246	10/7/2023 8:45	10/7/2023 10:00	74	0
1493132	10/7/2023 9:02	10/7/2023 10:00	57	0
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324290	10/7/2023 9:06	10/7/2023 10:00	53	0
330528	10/7/2023 9:07	10/7/2023 10:00	52	0
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1368745	10/7/2023 9:18	10/7/2023 10:00	41	0
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980398	10/7/2023 9:32	10/7/2023 10:00	27	0
308959	10/7/2023 9:32	10/7/2023 9:48	16	0
8502011	10/7/2023 9:36	10/7/2023 10:00	23	0
664453	10/7/2023 9:37	10/7/2023 10:00	22	0
317233	10/7/2023 9:37	10/7/2023 10:00	22	0
1362130	10/7/2023 9:38	10/7/2023 10:00	21	0
1465391	10/7/2023 9:39	10/7/2023 10:00	20	0
315345	10/7/2023 9:39	10/7/2023 10:00	20	0
1380981	10/7/2023 9:40	10/7/2023 10:00	20	0
1363588	10/7/2023 9:40	10/7/2023 10:00	19	0
315346	10/7/2023 9:41	10/7/2023 10:00	18	0
1518241	10/7/2023 9:42	10/7/2023 10:00	17	0
1525793	10/7/2023 9:43	10/7/2023 10:00	16	0
304295	10/7/2023 9:43	10/7/2023 10:00	16	0
1433697	10/7/2023 9:47	10/7/2023 10:00	12.2	0
1390184	10/7/2023 9:48	10/7/2023 10:00	11	0
308959	10/7/2023 9:48	10/7/2023 10:00	11.8	0
498070	10/7/2023 9:48	10/7/2023 10:00	11	0
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1430553	10/7/2023 9:50	10/7/2023 10:00	9	0
1417138	10/7/2023 9:53	10/7/2023 10:00	6	0
1670039	10/7/2023 9:54	10/7/2023 10:00	5.15	0
553863	10/7/2023 9:56	10/7/2023 10:00	3	0
8718349	10/7/2023 9:59	10/7/2023 10:00	0	0
264186	10/7/2023 10:00	10/8/2023 10:00	1439	0
324249	10/7/2023 10:00	10/7/2023 14:21	261	2.11
552598	10/7/2023 10:00	10/7/2023 19:52	592	0
1453263	10/7/2023 10:00	10/7/2023 12:22	142	0
323657	10/7/2023 10:00	10/7/2023 14:23	263	0.18
1380981	10/7/2023 10:00	10/7/2023 13:42	222	0
46184	10/7/2023 10:00	10/8/2023 10:00	1439	0
1405153	10/7/2023 10:00	10/7/2023 19:36	576	0
1282057	10/7/2023 10:00	10/7/2023 11:15	75	0
589615	10/7/2023 10:00	10/7/2023 19:44	584	0
353728	10/7/2023 10:00	10/7/2023 17:29	449	0
324290	10/7/2023 10:00	10/7/2023 14:22	262	0
571143	10/7/2023 10:00	10/7/2023 19:41	581	0
317797	10/7/2023 10:00	10/7/2023 12:54	174	0
455994	10/7/2023 10:00	10/7/2023 11:51	111	0
308959	10/7/2023 10:00	10/7/2023 19:47	587	0.43

705447	10/7/2023 10:00	10/8/2023 10:00	1439	0
637185	10/7/2023 10:00	10/8/2023 10:00	1439	0
564357	10/7/2023 10:00	10/8/2023 10:00	1439	0
1308096	10/7/2023 10:00	10/8/2023 10:00	1439	0
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1670039	10/7/2023 10:00	10/7/2023 19:53	593	0
319279	10/7/2023 10:00	10/7/2023 19:49	589	0
330528	10/7/2023 10:00	10/7/2023 20:11	611	1.14
1390184	10/7/2023 10:00	10/8/2023 0:28	868	0.02
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1417138	10/7/2023 10:00	10/7/2023 20:07	607	0
350753	10/7/2023 10:01	10/8/2023 10:00	1438	0
658177	10/7/2023 10:01	10/8/2023 10:00	1438	0
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315346	10/7/2023 10:06	10/7/2023 11:37	91	0
1363588	10/7/2023 10:06	10/7/2023 20:35	629	0
587455	10/7/2023 10:06	10/8/2023 0:28	862	0
316997	10/7/2023 10:06	10/7/2023 11:41	95	0
325050	10/7/2023 10:08	10/7/2023 11:08	60	0
1517059	10/7/2023 10:08	10/7/2023 14:10	242	0.13
317233	10/7/2023 10:08	10/7/2023 11:38	90	0
1368745	10/7/2023 10:08	10/7/2023 20:43	635	0
8148103	10/7/2023 10:08	10/7/2023 11:38	90	0
1463520	10/7/2023 10:09	10/7/2023 14:16	247	0
1586005	10/7/2023 10:09	10/7/2023 14:21	252	0
1588808	10/7/2023 10:09	10/7/2023 14:21	252	0.59
1516739	10/7/2023 10:09	10/7/2023 14:11	242	0.16
1363255	10/7/2023 10:09	10/8/2023 10:00	1431	0
562658	10/7/2023 10:09	10/7/2023 19:42	573	0
664453	10/7/2023 10:09	10/8/2023 0:28	859	0
552870	10/7/2023 10:09	10/7/2023 20:44	635	0
315306	10/7/2023 10:10	10/7/2023 11:39	89	0
1362130	10/7/2023 10:10	10/7/2023 20:36	626	0
1586610	10/7/2023 10:10	10/7/2023 14:22	252	0.15
1310926	10/7/2023 10:10	10/7/2023 20:45	635	0
323747	10/7/2023 10:10	10/7/2023 14:22	252	0.83
1518000	10/7/2023 10:10	10/7/2023 12:37	147	0
1309098	10/7/2023 10:11	10/8/2023 0:28	857	0
8766703	10/7/2023 10:11	10/7/2023 15:53	342	0
315345	10/7/2023 10:11	10/7/2023 11:41	90	0
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9075059	10/7/2023 10:12	10/7/2023 20:42	630	0
304295	10/7/2023 10:13	10/7/2023 11:42	89	0
1700586	10/7/2023 10:13	10/7/2023 20:33	620	0
957615	10/7/2023 10:13	10/8/2023 0:28	855	0

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7533405	10/7/2023 10:14	10/7/2023 11:44	90	0
980398	10/7/2023 10:14	10/7/2023 20:38	624	0
1493132	10/7/2023 10:15	10/7/2023 11:44	89	0
1430838	10/7/2023 10:15	10/7/2023 20:45	630	0
1565246	10/7/2023 10:15	10/8/2023 0:28	853	0
8718349	10/7/2023 10:15	10/7/2023 12:16	121	0
1064575	10/7/2023 10:16	10/7/2023 20:40	624	0
1430553	10/7/2023 10:16	10/7/2023 20:46	630	0.18
1565203	10/7/2023 10:16	10/7/2023 20:45	629	0.5
309961	10/7/2023 10:17	10/7/2023 20:52	635	0
981933	10/7/2023 10:17	10/8/2023 0:28	851	0
267537	10/7/2023 10:18	10/7/2023 13:33	195	0
274125	10/7/2023 10:18	10/7/2023 20:51	633	0
449036	10/7/2023 10:20	10/7/2023 14:51	271	0
498070	10/7/2023 10:20	10/7/2023 20:40	620	0
507365	10/7/2023 10:20	10/7/2023 20:40	620	0
1190820	10/7/2023 10:21	10/8/2023 0:28	847	0
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509102	10/7/2023 10:21	10/7/2023 20:44	623	0
772378	10/7/2023 10:21	10/7/2023 20:42	621	0.07
508593	10/7/2023 10:21	10/7/2023 20:43	622	0
1435127	10/7/2023 10:22	10/7/2023 20:36	614	0
510307	10/7/2023 10:22	10/7/2023 20:36	614	0
1466638	10/7/2023 10:22	10/7/2023 15:04	282	0
511266	10/7/2023 10:22	10/8/2023 0:28	846	0
506261	10/7/2023 10:23	10/7/2023 20:42	619	0
793285	10/7/2023 10:24	10/8/2023 0:28	844	0
380057	10/7/2023 10:25	10/7/2023 22:25	720	0
793638	10/7/2023 10:25	10/8/2023 0:28	843	0
7879030	10/7/2023 10:25	10/7/2023 20:45	620	0
1247921	10/7/2023 10:25	10/7/2023 20:40	615	0.11
6714863	10/7/2023 10:25	10/7/2023 20:50	625	0
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791510	10/7/2023 10:25	10/8/2023 0:32	847	0
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954332	10/7/2023 10:25	10/7/2023 20:28	603	0
381982	10/7/2023 10:26	10/8/2023 0:28	842	0
8910809	10/7/2023 10:26	10/7/2023 20:40	614	0
790670	10/7/2023 10:27	10/7/2023 20:41	614	0
1526024	10/7/2023 10:28	10/7/2023 11:46	78	0
8502011	10/7/2023 10:28	10/7/2023 20:43	615	0.72
1433697	10/7/2023 10:29	10/7/2023 21:15	646	0
1538299	10/7/2023 10:29	10/8/2023 0:28	839	0.78
1567316	10/7/2023 10:29	10/7/2023 11:01	32	0
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8495802	10/7/2023 10:30	10/7/2023 20:39	609	1.04

954637	10/7/2023 10:30	10/7/2023 20:34	604	0
1527339	10/7/2023 10:30	10/7/2023 11:44	74	0
1251782	10/7/2023 10:30	10/7/2023 20:45	615	0.12
616242	10/7/2023 10:30	10/7/2023 11:02	32	0
1538102	10/7/2023 10:31	10/7/2023 20:50	619	0.34
817260	10/7/2023 10:31	10/7/2023 20:35	604	0
1538195	10/7/2023 10:32	10/7/2023 20:47	615	1.44
572916	10/7/2023 10:32	10/7/2023 11:33	61	0
1538194	10/7/2023 10:34	10/7/2023 20:54	620	0.23
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8206792	10/7/2023 10:41	10/7/2023 11:41	60	0
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312846	10/7/2023 11:39	10/7/2023 13:55	136	0.07
359916	10/7/2023 11:39	10/7/2023 12:10	31	0
8387677	10/7/2023 11:40	10/7/2023 13:57	137	0
315345	10/7/2023 11:41	10/7/2023 13:52	131	0.09
8206792	10/7/2023 11:41	10/7/2023 13:26	105	0
378229	10/7/2023 11:41	10/7/2023 13:42	121	0
315616	10/7/2023 11:41	10/7/2023 13:52	131	0
316997	10/7/2023 11:41	10/7/2023 13:52	131	0.21
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51483	10/7/2023 12:35	10/7/2023 14:05	90	0
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397349	10/7/2023 12:41	10/8/2023 10:00	1278	0
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1282057	10/7/2023 13:00	10/7/2023 19:44	404	0
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588892	10/7/2023 13:02	10/7/2023 14:42	100	0
1624452	10/7/2023 13:02	10/7/2023 13:18	16	0
988954	10/7/2023 13:04	10/7/2023 13:51	47	0
605186	10/7/2023 13:05	10/7/2023 13:37	32	0
1466445	10/7/2023 13:12	10/7/2023 14:10	58	0
1619720	10/7/2023 13:17	10/7/2023 14:46	89	0.03
1624452	10/7/2023 13:18	10/7/2023 14:16	58	0
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239705	10/7/2023 13:43	10/7/2023 14:25	42	0.02
1527339	10/7/2023 13:44	10/7/2023 15:14	90	0.03
1525793	10/7/2023 13:45	10/7/2023 15:46	121	0
616242	10/7/2023 13:45	10/7/2023 19:42	357	0
353371	10/7/2023 13:45	10/7/2023 19:53	368	0.04
1526024	10/7/2023 13:46	10/7/2023 15:16	90	0
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267537	10/7/2023 13:47	10/7/2023 19:45	358	0

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457978	10/7/2023 13:50	10/7/2023 14:37	47	0
988954	10/7/2023 13:51	10/7/2023 19:32	341	0
455345	10/7/2023 13:51	10/7/2023 14:33	42	0
456099	10/7/2023 13:52	10/7/2023 14:34	42	0
315616	10/7/2023 13:52	10/7/2023 14:40	48	0.04
315345	10/7/2023 13:52	10/7/2023 14:23	31	0
316997	10/7/2023 13:52	10/7/2023 14:24	32	0
315346	10/7/2023 13:53	10/7/2023 14:25	32	0
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313954	10/7/2023 13:54	10/7/2023 14:25	31	0
317233	10/7/2023 13:54	10/7/2023 14:25	31	0
312846	10/7/2023 13:55	10/7/2023 14:42	47	0
1450250	10/7/2023 13:55	10/7/2023 14:42	47	0
315306	10/7/2023 13:55	10/7/2023 14:27	32	0.09
315604	10/7/2023 13:55	10/7/2023 14:27	32	0
316630	10/7/2023 13:55	10/7/2023 14:42	47	0.02
314564	10/7/2023 13:55	10/7/2023 14:26	31	0.07
8206792	10/7/2023 13:56	10/7/2023 14:41	45	0
314163	10/7/2023 13:56	10/7/2023 14:27	31	0
8387677	10/7/2023 13:57	10/7/2023 14:38	41	0
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8950281	10/7/2023 14:03	10/7/2023 14:19	16	0
51483	10/7/2023 14:05	10/7/2023 14:20	15	0
563721	10/7/2023 14:05	10/7/2023 15:19	74	0
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1465391	10/7/2023 14:12	10/7/2023 15:10	58	0

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1516997	10/7/2023 14:12	10/7/2023 20:46	394	0.08
593366	10/7/2023 14:14	10/7/2023 20:37	383	0
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304295	10/7/2023 14:14	10/7/2023 14:35	21	0
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1494722	10/7/2023 14:15	10/7/2023 14:26	11	0
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7533405	10/7/2023 14:16	10/7/2023 14:32	16	0
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324045	10/7/2023 14:20	10/7/2023 20:55	395	0
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324249	10/7/2023 14:21	10/7/2023 15:39	78	0.08
1588808	10/7/2023 14:21	10/8/2023 0:28	607	0.03
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323747	10/7/2023 14:22	10/7/2023 15:35	73	0.29
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325050	10/7/2023 14:23	10/7/2023 15:22	59	0
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315752	10/7/2023 14:23	10/7/2023 14:39	16	0
878149	10/7/2023 14:23	10/7/2023 14:38	15	0
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1494722	10/7/2023 14:26	10/7/2023 14:42	16	0.02

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314163	10/7/2023 14:27	10/7/2023 14:38	11	0
8718349	10/7/2023 14:27	10/7/2023 16:28	121	0
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975066	10/7/2023 14:28	10/7/2023 14:42	14	0
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262048	10/7/2023 14:31	10/7/2023 19:46	315	0.3
1624452	10/7/2023 14:32	10/7/2023 14:47	15	0
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378229	10/7/2023 14:41	10/7/2023 20:47	366	0
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317233	10/7/2023 14:42	10/8/2023 0:28	586	0.05
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325050	10/7/2023 15:37	10/7/2023 17:07	90	0

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1332906	10/7/2023 16:36	10/8/2023 10:00	1043	0
329546	10/7/2023 16:37	10/7/2023 20:52	255	0
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1282057	10/7/2023 19:44	10/8/2023 10:00	856	0
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262048	10/7/2023 19:46	10/8/2023 10:00	853.8	0
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308959	10/7/2023 19:47	10/8/2023 7:04	677	0
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357972	10/7/2023 19:49	10/8/2023 10:00	850.15	0
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1190820	10/8/2023 0:28	10/8/2023 10:00	571	0
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1320619	10/8/2023 0:28	10/8/2023 10:00	571	0
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1624452	10/8/2023 9:31	10/8/2023 10:00	28	0
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308959	10/8/2023 9:32	10/8/2023 10:00	27.8	0
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455345	10/8/2023 9:51	10/8/2023 10:00	8	0
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454861	10/8/2023 9:51	10/8/2023 10:00	8	0
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304295	10/8/2023 10:00	10/8/2023 11:45	105	0

1466445	10/8/2023 10:00	10/8/2023 13:41	221	0
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1405153	10/8/2023 10:00	10/8/2023 19:25	565	0
1390184	10/8/2023 10:00	10/8/2023 20:43	643	0.25
1670039	10/8/2023 10:00	10/8/2023 19:41	581	0
324249	10/8/2023 10:00	10/8/2023 20:48	648	0.83
308959	10/8/2023 10:00	10/8/2023 19:46	586	0.09
510522	10/8/2023 10:00	10/8/2023 11:21	81	0
317797	10/8/2023 10:00	10/8/2023 19:41	581	0
564357	10/8/2023 10:00	10/9/2023 10:00	1439	0
353728	10/8/2023 10:00	10/9/2023 10:00	1439	0
1538195	10/8/2023 10:00	10/8/2023 20:48	648	0.16
1020565	10/8/2023 10:00	10/8/2023 13:13	193	0.09
1282057	10/8/2023 10:00	10/8/2023 19:42	582	0
1526024	10/8/2023 10:00	10/8/2023 20:51	651	0.04
264186	10/8/2023 10:00	10/9/2023 10:00	1439	0
454901	10/8/2023 10:00	10/8/2023 12:07	127	0
705447	10/8/2023 10:00	10/9/2023 10:00	1439	0
51483	10/8/2023 10:01	10/8/2023 12:17	136	0.03
1538194	10/8/2023 10:06	10/9/2023 0:28	862	0.1
1538299	10/8/2023 10:06	10/8/2023 20:47	641	0
1538102	10/8/2023 10:06	10/8/2023 20:52	646	0
523489	10/8/2023 10:07	10/8/2023 19:44	577	0.09
587455	10/8/2023 10:07	10/8/2023 11:46	99	0
8068454	10/8/2023 10:07	10/8/2023 20:42	635	0.2
1463520	10/8/2023 10:07	10/8/2023 12:24	137	0
325050	10/8/2023 10:07	10/8/2023 11:22	75	0
1511251	10/8/2023 10:07	10/8/2023 20:42	635	0
1586005	10/8/2023 10:07	10/8/2023 14:09	242	0
664453	10/8/2023 10:08	10/9/2023 0:28	860	0.07
1517059	10/8/2023 10:08	10/8/2023 11:52	104	0
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1465391	10/8/2023 10:08	10/8/2023 11:42	94	0
1516432	10/8/2023 10:08	10/8/2023 20:51	643	0.18
1586610	10/8/2023 10:08	10/8/2023 14:10	242	0
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1516997	10/8/2023 10:09	10/8/2023 20:49	640	0.38
323657	10/8/2023 10:09	10/8/2023 20:50	641	0.19
315346	10/8/2023 10:09	10/8/2023 20:39	630	0.1
1466638	10/8/2023 10:09	10/8/2023 20:47	638	0
1309098	10/8/2023 10:09	10/8/2023 11:39	90	0
323747	10/8/2023 10:09	10/8/2023 20:53	644	0.11
1517291	10/8/2023 10:09	10/9/2023 0:28	859	0.13

1516739	10/8/2023 10:09	10/8/2023 11:54	105	0.13
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1320008	10/8/2023 10:10	10/8/2023 20:34	624	0
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315345	10/8/2023 10:10	10/8/2023 20:40	630	0.22
1321605	10/8/2023 10:11	10/8/2023 20:25	614	0
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817260	10/8/2023 10:15	10/9/2023 0:28	853	0.08
8766703	10/8/2023 10:15	10/8/2023 11:01	46	0
1251782	10/8/2023 10:16	10/8/2023 20:45	629	1.46
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449036	10/8/2023 10:17	10/8/2023 11:36	79	0
455345	10/8/2023 10:17	10/8/2023 13:05	168	0.02
1553145	10/8/2023 10:17	10/8/2023 20:47	630	0.15
1554039	10/8/2023 10:18	10/8/2023 20:48	630	0.1
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8502011	10/8/2023 10:21	10/8/2023 20:44	623	2.97
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1494722	10/8/2023 10:25	10/8/2023 11:43	78	0.13
237946	10/8/2023 10:25	10/8/2023 19:49	564	0
507365	10/8/2023 10:25	10/8/2023 11:38	73	0
790670	10/8/2023 10:25	10/8/2023 14:11	226	0
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1393699	10/8/2023 10:26	10/8/2023 11:44	78	0.14
316997	10/8/2023 10:26	10/9/2023 0:28	842	0
312766	10/8/2023 10:26	10/8/2023 20:40	614	0.04
8524544	10/8/2023 10:26	10/8/2023 20:42	616	0.04
357972	10/8/2023 10:27	10/8/2023 19:48	561	0
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8621797	10/8/2023 10:28	10/8/2023 11:46	78	0.2
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1624452	10/8/2023 10:34	10/8/2023 20:37	603	0
9313875	10/8/2023 10:34	10/8/2023 11:21	47	0
8668965	10/8/2023 10:39	10/8/2023 11:37	58	0
378229	10/8/2023 10:42	10/8/2023 20:46	604	0
1393633	10/8/2023 10:42	10/8/2023 11:45	63	0.12
51957	10/8/2023 10:44	10/8/2023 11:47	63	0.18
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1417138	10/8/2023 10:48	10/9/2023 0:28	820	0.16
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1434316	10/8/2023 10:51	10/8/2023 20:32	581	0
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563721	10/8/2023 11:00	10/8/2023 11:32	32	0
1301093	10/8/2023 11:00	10/8/2023 20:37	577	0
8766703	10/8/2023 11:01	10/8/2023 16:00	299	0
1567514	10/8/2023 11:01	10/8/2023 20:43	582	0
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6564583	10/8/2023 11:04	10/8/2023 14:50	226	0
1432827	10/8/2023 11:05	10/8/2023 20:27	562	0
1431804	10/8/2023 11:06	10/8/2023 20:28	562	0
8590289	10/8/2023 11:07	10/8/2023 11:38	31	0
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315616	10/8/2023 11:08	10/8/2023 11:24	16	0
1465703	10/8/2023 11:08	10/8/2023 20:50	582	0
8734029	10/8/2023 11:09	10/8/2023 14:54	225	0.15
1434550	10/8/2023 11:10	10/8/2023 14:56	226	0
1432509	10/8/2023 11:10	10/8/2023 14:56	226	0
8104722	10/8/2023 11:10	10/8/2023 20:42	572	0.27
1093833	10/8/2023 11:11	10/8/2023 14:25	194	0
312846	10/8/2023 11:11	10/8/2023 20:38	567	0.28
316630	10/8/2023 11:11	10/8/2023 20:48	577	0
954332	10/8/2023 11:11	10/9/2023 0:28	797	0
359916	10/8/2023 11:11	10/8/2023 20:27	556	0
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854585	10/8/2023 11:17	10/8/2023 11:49	32	0
854579	10/8/2023 11:17	10/8/2023 11:49	32	0
852071	10/8/2023 11:17	10/8/2023 11:22	5	0
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1537547	10/8/2023 11:20	10/8/2023 20:53	573	0.09
1537541	10/8/2023 11:20	10/8/2023 20:53	573	0.03
329546	10/8/2023 11:20	10/8/2023 14:19	179	0
6583289	10/8/2023 11:21	10/8/2023 14:19	178	0
1537989	10/8/2023 11:21	10/8/2023 20:53	572	0
9313875	10/8/2023 11:21	10/8/2023 20:38	557	0.07
510522	10/8/2023 11:21	10/8/2023 13:08	107	0
1537548	10/8/2023 11:21	10/8/2023 20:48	567	0.08
330485	10/8/2023 11:21	10/8/2023 14:19	178	0
314163	10/8/2023 11:22	10/8/2023 14:41	199	0

325050	10/8/2023 11:22	10/8/2023 15:51	269	0
1537447	10/8/2023 11:22	10/8/2023 20:50	568	0.09
1511532	10/8/2023 11:22	10/8/2023 20:43	561	0.18
852071	10/8/2023 11:22	10/8/2023 11:49	27	0.12
1537353	10/8/2023 11:22	10/8/2023 20:49	567	0
1508563	10/8/2023 11:22	10/8/2023 20:44	562	0.2
315752	10/8/2023 11:23	10/8/2023 14:37	194	0.01
314899	10/8/2023 11:23	10/8/2023 14:38	195	0
10371797	10/8/2023 11:23	10/8/2023 14:37	194	0
324045	10/8/2023 11:23	10/8/2023 20:51	568	0
315616	10/8/2023 11:24	10/8/2023 20:51	567	0
315380	10/8/2023 11:24	10/8/2023 14:38	194	0
237758	10/8/2023 11:24	10/8/2023 20:44	560	0.01
313731	10/8/2023 11:25	10/8/2023 14:39	194	0
315604	10/8/2023 11:26	10/8/2023 14:41	195	0
313954	10/8/2023 11:26	10/8/2023 14:40	194	0.03
314564	10/8/2023 11:26	10/8/2023 14:40	194	0.02
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1375642	10/8/2023 11:28	10/8/2023 13:28	120	0
7937779	10/8/2023 11:29	10/8/2023 13:30	121	0
239705	10/8/2023 11:29	10/8/2023 20:32	543	0
449377	10/8/2023 11:30	10/8/2023 14:59	209	0
8495802	10/8/2023 11:32	10/8/2023 20:48	556	0.22
563721	10/8/2023 11:32	10/8/2023 13:01	89	0
916441	10/8/2023 11:34	10/9/2023 10:00	1345	0
1546695	10/8/2023 11:35	10/8/2023 14:39	184	0
509102	10/8/2023 11:36	10/8/2023 12:23	47	0
449036	10/8/2023 11:36	10/8/2023 14:50	194	0
511223	10/8/2023 11:37	10/8/2023 12:24	47	0
1310926	10/8/2023 11:37	10/8/2023 11:53	16	0
8668965	10/8/2023 11:37	10/8/2023 12:24	47	0
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914462	10/8/2023 11:38	10/9/2023 10:00	1341	0
8590289	10/8/2023 11:38	10/8/2023 12:25	47	0
507365	10/8/2023 11:38	10/8/2023 12:25	47	0
1309098	10/8/2023 11:39	10/8/2023 11:54	15	0
510307	10/8/2023 11:39	10/8/2023 12:26	47	0
511266	10/8/2023 11:40	10/8/2023 12:27	47	0
9075059	10/8/2023 11:40	10/8/2023 11:56	16	0
506261	10/8/2023 11:41	10/8/2023 13:41	120	0
508593	10/8/2023 11:41	10/8/2023 12:23	42	0
1465391	10/8/2023 11:42	10/8/2023 14:41	179	0.05
7533405	10/8/2023 11:42	10/8/2023 13:59	137	0.07
8718349	10/8/2023 11:43	10/8/2023 13:28	105	0
1494722	10/8/2023 11:43	10/8/2023 12:41	58	0
1393699	10/8/2023 11:44	10/8/2023 12:42	58	0
594966	10/8/2023 11:45	10/8/2023 14:32	167	0.13

1393633	10/8/2023 11:45	10/8/2023 12:43	58	0.06
304295	10/8/2023 11:45	10/8/2023 14:02	137	0.13
587455	10/8/2023 11:46	10/8/2023 14:31	165	0
8621797	10/8/2023 11:46	10/8/2023 13:32	106	0.22
51957	10/8/2023 11:47	10/8/2023 12:18	31	0
981933	10/8/2023 11:47	10/9/2023 0:28	761	0
980398	10/8/2023 11:47	10/8/2023 14:40	173	0
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852071	10/8/2023 11:49	10/8/2023 12:19	30	0
455994	10/8/2023 11:49	10/8/2023 12:37	48	0
8950281	10/8/2023 11:50	10/8/2023 12:16	26	0
1270983	10/8/2023 11:50	10/9/2023 10:00	1329	0
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1270985	10/8/2023 11:55	10/9/2023 10:00	1324	0
9075059	10/8/2023 11:56	10/8/2023 12:11	15	0
454901	10/8/2023 12:07	10/8/2023 12:49	42	0
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1516739	10/8/2023 12:10	10/8/2023 13:55	105	0
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9075059	10/8/2023 12:11	10/8/2023 12:53	42	0
328113	10/8/2023 12:13	10/8/2023 14:14	121	0
8950281	10/8/2023 12:16	10/8/2023 14:17	121	0
51483	10/8/2023 12:17	10/8/2023 14:18	121	0.02
51957	10/8/2023 12:18	10/8/2023 14:19	121	0.11
564518	10/8/2023 12:18	10/8/2023 14:23	125	0
852071	10/8/2023 12:19	10/9/2023 10:00	1300	0.02
854585	10/8/2023 12:20	10/9/2023 10:00	1299	0
854579	10/8/2023 12:21	10/9/2023 9:52	1291	0
509102	10/8/2023 12:23	10/8/2023 14:09	106	0
508593	10/8/2023 12:23	10/8/2023 14:24	121	0
8668965	10/8/2023 12:24	10/8/2023 14:56	152	0
511223	10/8/2023 12:24	10/8/2023 14:09	105	0
1463520	10/8/2023 12:24	10/8/2023 14:41	137	0.33
8590289	10/8/2023 12:25	10/8/2023 14:58	153	0
507365	10/8/2023 12:25	10/8/2023 14:26	121	0
510307	10/8/2023 12:26	10/8/2023 14:27	121	0
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1494722	10/8/2023 12:41	10/8/2023 14:16	95	0
1393699	10/8/2023 12:42	10/8/2023 14:11	89	0
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588892	10/8/2023 12:45	10/9/2023 10:00	1274	0

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455994	10/8/2023 13:02	10/8/2023 13:50	48	0.07
455629	10/8/2023 13:02	10/8/2023 13:50	48	0.07
457729	10/8/2023 13:03	10/8/2023 13:51	48	0
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455345	10/8/2023 13:05	10/8/2023 13:57	52	0.07
457978	10/8/2023 13:06	10/8/2023 13:48	42	0
456099	10/8/2023 13:06	10/8/2023 13:57	51	0
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9075059	10/8/2023 13:09	10/8/2023 14:38	89	0
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8718349	10/8/2023 13:28	10/8/2023 13:59	31	0
1375642	10/8/2023 13:28	10/8/2023 14:31	63	0
1493132	10/8/2023 13:28	10/8/2023 14:15	47	0.05
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7937779	10/8/2023 13:30	10/8/2023 14:12	42	0
8621797	10/8/2023 13:32	10/8/2023 14:29	57	0
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1466445	10/8/2023 13:41	10/8/2023 19:51	370	0
506261	10/8/2023 13:41	10/8/2023 14:12	31	0
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1020565	10/8/2023 13:44	10/8/2023 19:45	361	0
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1552184	10/8/2023 13:49	10/8/2023 19:51	362	0
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1517059	10/8/2023 13:53	10/8/2023 15:06	73	0
319279	10/8/2023 13:54	10/9/2023 8:24	1110	0
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1516739	10/8/2023 13:55	10/8/2023 15:08	73	0.03
1393633	10/8/2023 13:56	10/8/2023 20:35	399	0
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455345	10/8/2023 13:57	10/8/2023 15:22	85	0
7533405	10/8/2023 13:59	10/8/2023 14:14	15	0
8718349	10/8/2023 13:59	10/8/2023 14:15	16	0
304295	10/8/2023 14:02	10/8/2023 14:17	15	0
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605186	10/8/2023 14:05	10/8/2023 14:21	16	0
455994	10/8/2023 14:06	10/8/2023 14:22	16	0.02

1362130	10/8/2023 14:08	10/8/2023 14:23	15	0
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793690	10/8/2023 14:09	10/8/2023 15:12	63	0
1588808	10/8/2023 14:09	10/8/2023 20:32	383	0
6714863	10/8/2023 14:09	10/8/2023 14:56	47	0
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8718349	10/8/2023 14:15	10/8/2023 14:31	16	0
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1494722	10/8/2023 14:16	10/8/2023 14:26	10	0
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645339	10/8/2023 14:22	10/8/2023 14:53	31	0
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275018	10/8/2023 14:22	10/8/2023 16:23	121	0
280364	10/8/2023 14:23	10/8/2023 14:33	10	0
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1362130	10/8/2023 14:23	10/8/2023 14:55	32	0
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1494722	10/8/2023 14:26	10/8/2023 14:42	16	0
1393699	10/8/2023 14:27	10/8/2023 14:43	16	0
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511266	10/8/2023 14:28	10/8/2023 14:59	31	0
7937779	10/8/2023 14:28	10/8/2023 14:43	15	0.08
8621797	10/8/2023 14:29	10/8/2023 14:45	16	0
328113	10/8/2023 14:30	10/8/2023 20:48	378	0.02
7533405	10/8/2023 14:30	10/8/2023 14:46	16	0
587455	10/8/2023 14:31	10/8/2023 14:46	15	0
1493132	10/8/2023 14:31	10/8/2023 14:46	15	0.12
8718349	10/8/2023 14:31	10/8/2023 15:28	57	0
1375642	10/8/2023 14:31	10/8/2023 14:47	16	0
455994	10/8/2023 14:32	10/8/2023 15:20	48	0
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314899	10/8/2023 14:38	10/8/2023 20:40	362	0
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9075059	10/8/2023 14:38	10/8/2023 20:40	362	0
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656628	10/8/2023 14:38	10/8/2023 20:40	362	0
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980398	10/8/2023 14:40	10/8/2023 14:46	6	0
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314163	10/8/2023 14:41	10/8/2023 20:49	368	0
1463520	10/8/2023 14:41	10/8/2023 20:46	365	0.22
315604	10/8/2023 14:41	10/8/2023 20:38	357	0
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1494722	10/8/2023 14:42	10/8/2023 20:39	357	0
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1393699	10/8/2023 14:43	10/8/2023 20:29	346	0
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304295	10/8/2023 14:44	10/8/2023 20:51	367	0
336103	10/8/2023 14:44	10/8/2023 20:46	362	0
8621797	10/8/2023 14:45	10/8/2023 20:53	368	0
587455	10/8/2023 14:46	10/9/2023 0:28	582	0
7533405	10/8/2023 14:46	10/8/2023 20:53	367	0
303510	10/8/2023 14:46	10/8/2023 20:51	365	0
563721	10/8/2023 14:46	10/8/2023 20:37	351	0
51957	10/8/2023 14:46	10/8/2023 20:48	362	0
980398	10/8/2023 14:46	10/8/2023 20:32	346	0
1493132	10/8/2023 14:46	10/8/2023 15:13	27	0
1375642	10/8/2023 14:47	10/8/2023 20:49	362	0
1552248	10/8/2023 14:47	10/8/2023 20:50	363	0
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274125	10/8/2023 14:52	10/8/2023 20:43	351	0
1309098	10/8/2023 14:53	10/8/2023 20:39	346	0
1435531	10/8/2023 14:53	10/8/2023 20:50	357	0
645339	10/8/2023 14:53	10/8/2023 20:43	350	0
790670	10/8/2023 14:53	10/8/2023 15:09	16	0
1363588	10/8/2023 14:53	10/8/2023 20:34	341	0.1
8734029	10/8/2023 14:54	10/8/2023 20:51	357	0
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506261	10/8/2023 14:55	10/8/2023 20:41	346	0
508593	10/8/2023 14:55	10/8/2023 20:39	344	0
1362130	10/8/2023 14:55	10/8/2023 20:36	341	0
1432509	10/8/2023 14:56	10/8/2023 20:47	351	0
1434550	10/8/2023 14:56	10/8/2023 20:32	336	0
6714863	10/8/2023 14:56	10/8/2023 15:07	11	0
8668965	10/8/2023 14:56	10/8/2023 20:32	336	0
793285	10/8/2023 14:56	10/8/2023 15:11	15	0
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509102	10/8/2023 14:56	10/8/2023 20:42	346	0
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507365	10/8/2023 14:58	10/8/2023 20:39	341	0
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510307	10/8/2023 14:58	10/8/2023 20:34	336	0
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449377	10/8/2023 14:59	10/8/2023 15:15	16	0
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1517059	10/8/2023 15:06	10/9/2023 0:28	562	0
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1377393	10/8/2023 15:08	10/8/2023 20:46	338	0
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793285	10/8/2023 15:11	10/8/2023 20:37	326	0
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793690	10/8/2023 15:12	10/8/2023 20:42	330	0
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449377	10/8/2023 15:15	10/8/2023 20:47	332	0
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457729	10/8/2023 15:19	10/8/2023 20:44	325	0
455994	10/8/2023 15:20	10/8/2023 15:47	27	0
1459765	10/8/2023 15:20	10/9/2023 10:00	1119	0
456099	10/8/2023 15:21	10/9/2023 0:28	547	0
1247921	10/8/2023 15:22	10/9/2023 0:28	546	0.29
454861	10/8/2023 15:22	10/8/2023 20:42	320	0
455345	10/8/2023 15:22	10/8/2023 20:50	328	0
8718349	10/8/2023 15:28	10/8/2023 15:44	16	0
793638	10/8/2023 15:39	10/9/2023 0:28	529	0
617514	10/8/2023 15:40	10/9/2023 10:00	1099	0
791510	10/8/2023 15:41	10/9/2023 0:28	527	0.07
1534684	10/8/2023 15:43	10/9/2023 10:00	1096	0
8718349	10/8/2023 15:44	10/8/2023 16:16	32	0
1525793	10/8/2023 15:45	10/8/2023 16:17	32	0
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455994	10/8/2023 15:47	10/8/2023 20:47	300	0
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1704232	10/8/2023 15:50	10/8/2023 20:33	283	0
325050	10/8/2023 15:51	10/8/2023 16:51	60	0
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324290	10/8/2023 15:55	10/8/2023 20:44	289	0
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1493132	10/8/2023 16:00	10/8/2023 20:43	283	0
8718349	10/8/2023 16:16	10/8/2023 16:31	15	0
1525793	10/8/2023 16:17	10/8/2023 20:50	273	0
275018	10/8/2023 16:23	10/8/2023 20:41	258	0
8718349	10/8/2023 16:31	10/8/2023 20:38	247	0
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1586005	10/8/2023 18:31	10/9/2023 10:00	928	0
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1453263	10/8/2023 19:28	10/9/2023 10:00	871.4	0
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510522	10/8/2023 19:34	10/9/2023 10:00	865.15	0
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317797	10/8/2023 19:41	10/9/2023 10:00	858.8	0
1670039	10/8/2023 19:41	10/9/2023 10:00	858.15	0
1282057	10/8/2023 19:42	10/9/2023 8:58	796	0
10659831	10/8/2023 19:42	10/9/2023 10:00	857.4	0
454901	10/8/2023 19:43	10/9/2023 10:00	856.15	0
1462990	10/8/2023 19:44	10/9/2023 10:00	855.4	0
523489	10/8/2023 19:44	10/9/2023 10:00	855.8	0
1020565	10/8/2023 19:45	10/9/2023 10:00	854.72	0
308959	10/8/2023 19:46	10/9/2023 7:04	678	0
357972	10/8/2023 19:48	10/9/2023 10:00	851.15	0
552598	10/8/2023 19:48	10/9/2023 10:00	851.15	0
237946	10/8/2023 19:49	10/9/2023 10:00	850.8	0
1552184	10/8/2023 19:51	10/9/2023 10:00	848.4	0
1466445	10/8/2023 19:51	10/9/2023 7:10	679	0
330528	10/8/2023 20:16	10/9/2023 10:00	823	0
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9313875	10/8/2023 20:38	10/9/2023 10:00	801	0
8718349	10/8/2023 20:38	10/9/2023 8:42	724	0
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2032900	10/8/2023 20:38	10/9/2023 10:00	801	0
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645339	10/8/2023 20:43	10/9/2023 10:00	796	0
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8387677	10/8/2023 20:44	10/9/2023 10:00	795	0

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1379121	10/8/2023 20:46	10/9/2023 10:00	793	0
378229	10/8/2023 20:46	10/9/2023 10:00	793	0
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1517747	10/8/2023 20:50	10/9/2023 10:00	789	0
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313269	10/8/2023 20:51	10/9/2023 10:00	788	0
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304295	10/8/2023 20:51	10/9/2023 9:30	759	0
324045	10/8/2023 20:51	10/9/2023 10:00	788	0
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323747	10/8/2023 20:53	10/9/2023 10:00	786	0
7533405	10/8/2023 20:53	10/9/2023 10:00	786	0
1537989	10/8/2023 20:53	10/9/2023 10:00	786	0
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1190820	10/8/2023 22:05	10/9/2023 10:00	714	0
619266	10/9/2023 0:28	10/9/2023 10:00	571	0
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587455	10/9/2023 0:28	10/9/2023 9:58	570	0
1517291	10/9/2023 0:28	10/9/2023 10:00	571	0
6714863	10/9/2023 0:28	10/9/2023 10:00	571	0
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817260	10/9/2023 0:28	10/9/2023 10:00	571	0

791510	10/9/2023 0:28	10/9/2023 9:30	542	0
316997	10/9/2023 0:28	10/9/2023 10:00	571	0
793638	10/9/2023 0:28	10/9/2023 9:30	542	0
1463218	10/9/2023 0:28	10/9/2023 10:00	571	0
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981933	10/9/2023 0:28	10/9/2023 10:00	571	0
1517059	10/9/2023 0:28	10/9/2023 8:10	462	0
1417138	10/9/2023 0:28	10/9/2023 10:00	571	0
1247921	10/9/2023 0:28	10/9/2023 10:00	571	0
1565246	10/9/2023 0:39	10/9/2023 8:11	452	0
1565203	10/9/2023 0:40	10/9/2023 8:11	451	0
572882	10/9/2023 1:01	10/9/2023 10:00	538	0
511266	10/9/2023 1:01	10/9/2023 10:00	538	0
572916	10/9/2023 1:02	10/9/2023 10:00	537	0
1093833	10/9/2023 1:04	10/9/2023 10:00	535	0
564518	10/9/2023 1:04	10/9/2023 10:00	535	0
308959	10/9/2023 7:04	10/9/2023 10:00	175.8	0
1466445	10/9/2023 7:10	10/9/2023 7:26	16	0
1466445	10/9/2023 7:26	10/9/2023 10:00	153.4	0
1432940	10/9/2023 7:55	10/9/2023 10:00	124	0
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1565203	10/9/2023 8:11	10/9/2023 10:00	108	0
1465391	10/9/2023 8:11	10/9/2023 8:27	16	0
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319279	10/9/2023 8:24	10/9/2023 8:35	11	0
1465391	10/9/2023 8:27	10/9/2023 10:00	92	0
309233	10/9/2023 8:33	10/9/2023 9:10	37	0
319279	10/9/2023 8:35	10/9/2023 9:22	47	0
324290	10/9/2023 8:38	10/9/2023 10:00	81	0
1704326	10/9/2023 8:38	10/9/2023 10:00	81	0
8718349	10/9/2023 8:42	10/9/2023 9:29	47	0
1493132	10/9/2023 8:46	10/9/2023 10:00	73	0
25674	10/9/2023 8:55	10/9/2023 10:00	64	0
24124	10/9/2023 8:55	10/9/2023 10:00	64	0
1282057	10/9/2023 8:58	10/9/2023 10:00	62	0

45637	10/9/2023 8:59	10/9/2023 10:00	60	0
325050	10/9/2023 9:06	10/9/2023 10:00	53	0
1517059	10/9/2023 9:08	10/9/2023 9:23	15	0
9075059	10/9/2023 9:09	10/9/2023 10:00	50	0
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26864	10/9/2023 9:10	10/9/2023 9:26	16	0
309233	10/9/2023 9:10	10/9/2023 10:00	49	0
342796	10/9/2023 9:10	10/9/2023 10:00	49.8	0
262048	10/9/2023 9:13	10/9/2023 10:00	46.8	0
1405290	10/9/2023 9:14	10/9/2023 9:30	16	0
353371	10/9/2023 9:15	10/9/2023 10:00	44.8	0
8950281	10/9/2023 9:16	10/9/2023 10:00	43	0
51957	10/9/2023 9:18	10/9/2023 10:00	41	0
51483	10/9/2023 9:18	10/9/2023 10:00	41	0
860281	10/9/2023 9:19	10/9/2023 10:00	40	0
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319279	10/9/2023 9:22	10/9/2023 10:00	37.8	0
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26864	10/9/2023 9:26	10/9/2023 10:00	33.8	0
1220897	10/9/2023 9:26	10/9/2023 10:00	33	0
8621797	10/9/2023 9:27	10/9/2023 10:00	32	0
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819177	10/9/2023 9:29	10/9/2023 10:00	30.42	0
8718349	10/9/2023 9:29	10/9/2023 9:45	16	0
793638	10/9/2023 9:30	10/9/2023 10:00	29	0
791510	10/9/2023 9:30	10/9/2023 10:00	29	0
304295	10/9/2023 9:30	10/9/2023 10:00	29	0
1405290	10/9/2023 9:30	10/9/2023 10:00	30	0
1494722	10/9/2023 9:30	10/9/2023 10:00	29	0
1395587	10/9/2023 9:31	10/9/2023 10:00	28	0
311273	10/9/2023 9:34	10/9/2023 10:00	25.8	0
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506261	10/9/2023 9:37	10/9/2023 10:00	22	0
623069	10/9/2023 9:37	10/9/2023 10:00	22.15	0
8511623	10/9/2023 9:38	10/9/2023 10:00	21	0
664453	10/9/2023 9:38	10/9/2023 10:00	21	0
1384509	10/9/2023 9:43	10/9/2023 10:00	16	0
8718349	10/9/2023 9:45	10/9/2023 10:00	14	0
1430553	10/9/2023 9:46	10/9/2023 10:00	13	0
1430838	10/9/2023 9:47	10/9/2023 10:00	12	0
1390184	10/9/2023 9:49	10/9/2023 10:00	10	0

1310926	10/9/2023 9:50	10/9/2023 10:00	9	0
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854579	10/9/2023 9:52	10/9/2023 10:00	7	0
553863	10/9/2023 9:53	10/9/2023 10:00	6	0
587455	10/9/2023 9:58	10/9/2023 10:00	1	0
637185	10/9/2023 10:00	10/10/2023 10:00	1439	0
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623069	10/9/2023 10:00	10/9/2023 19:28	568	0
1220897	10/9/2023 10:00	10/9/2023 20:33	633	2.76
564357	10/9/2023 10:00	10/10/2023 10:00	1439	0
308959	10/9/2023 10:00	10/9/2023 19:40	580	1.08
1463520	10/9/2023 10:00	10/9/2023 20:33	633	0.42
819177	10/9/2023 10:00	10/9/2023 19:27	567	0
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1308096	10/9/2023 10:00	10/10/2023 10:00	1439	0
980398	10/9/2023 10:00	10/9/2023 11:01	61	0.48
10510361	10/9/2023 10:00	10/9/2023 19:21	561	0.47
1435531	10/9/2023 10:00	10/10/2023 10:00	1439	0
1282057	10/9/2023 10:00	10/9/2023 19:39	579	0
26864	10/9/2023 10:00	10/9/2023 19:20	560	0
1390184	10/9/2023 10:00	10/10/2023 0:28	868	0.91
596091	10/9/2023 10:00	10/9/2023 20:29	629	0
319279	10/9/2023 10:00	10/9/2023 11:07	67	0
1552447	10/9/2023 10:00	10/9/2023 19:35	575	0
1405290	10/9/2023 10:00	10/9/2023 12:28	148	0.2
523489	10/9/2023 10:00	10/9/2023 19:25	565	0.68
309233	10/9/2023 10:00	10/9/2023 20:17	617	1.05
1247921	10/9/2023 10:00	10/9/2023 11:46	106	0
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264186	10/9/2023 10:00	10/10/2023 10:00	1439	0
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1433697	10/9/2023 10:00	10/9/2023 20:27	627	0.31
1020565	10/9/2023 10:00	10/9/2023 14:46	286	0.32
1466638	10/9/2023 10:00	10/9/2023 20:24	624	0
70866	10/9/2023 10:00	10/9/2023 19:25	565	0
1466445	10/9/2023 10:00	10/9/2023 19:30	570	0
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46184	10/9/2023 10:00	10/10/2023 10:00	1439	0
317797	10/9/2023 10:00	10/9/2023 19:23	563	0
262048	10/9/2023 10:00	10/9/2023 19:51	591	2.31
342796	10/9/2023 10:00	10/9/2023 19:30	570	0.51
854585	10/9/2023 10:00	10/9/2023 20:43	643	0.89
705447	10/9/2023 10:00	10/10/2023 10:00	1439	0
267537	10/9/2023 10:02	10/9/2023 19:35	573	0.12

69207	10/9/2023 10:03	10/9/2023 20:38	635	0
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1309098	10/9/2023 10:07	10/9/2023 11:36	89	0.59
1432940	10/9/2023 10:07	10/10/2023 0:28	861	0
9075059	10/9/2023 10:07	10/9/2023 11:52	105	0.11
558031	10/9/2023 10:07	10/9/2023 11:36	89	0
1516739	10/9/2023 10:07	10/10/2023 0:28	861	0.58
624716	10/9/2023 10:07	10/9/2023 20:32	625	0.3
1320646	10/9/2023 10:07	10/9/2023 11:22	75	0
314899	10/9/2023 10:07	10/9/2023 20:21	614	0.12
1320619	10/9/2023 10:08	10/9/2023 11:27	79	0
8148103	10/9/2023 10:09	10/9/2023 20:33	624	0.55
346288	10/9/2023 10:09	10/9/2023 20:29	620	0.1
188639	10/9/2023 10:09	10/9/2023 13:49	220	0.55
8511623	10/9/2023 10:09	10/9/2023 20:29	620	0
664453	10/9/2023 10:10	10/9/2023 20:27	617	0.57
316997	10/9/2023 10:10	10/9/2023 20:34	624	0.33
1517059	10/9/2023 10:11	10/9/2023 20:30	619	0.26
1494722	10/9/2023 10:11	10/10/2023 0:28	857	0.44
315306	10/9/2023 10:11	10/9/2023 20:25	614	0.31
45637	10/9/2023 10:12	10/9/2023 20:21	609	0.57
1465391	10/9/2023 10:12	10/9/2023 20:32	620	0.05
304295	10/9/2023 10:12	10/9/2023 20:53	641	0.1
1565203	10/9/2023 10:12	10/9/2023 20:36	624	0.19
1565246	10/9/2023 10:12	10/9/2023 20:31	619	0
41508	10/9/2023 10:13	10/9/2023 20:17	604	1.87
1251782	10/9/2023 10:13	10/9/2023 20:38	625	3.35
345647	10/9/2023 10:13	10/9/2023 20:33	620	0
1406535	10/9/2023 10:13	10/9/2023 11:27	74	0
587455	10/9/2023 10:13	10/9/2023 20:17	604	0
27483	10/9/2023 10:13	10/10/2023 10:00	1426	0
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1700586	10/9/2023 10:14	10/9/2023 20:28	614	0
817260	10/9/2023 10:14	10/9/2023 20:33	619	0.39
25674	10/9/2023 10:14	10/9/2023 14:26	252	0.05
6761269	10/9/2023 10:14	10/9/2023 20:28	614	1.4
1393699	10/9/2023 10:15	10/10/2023 0:28	853	0.83
29848	10/9/2023 10:15	10/10/2023 10:00	1424	0.02
852071	10/9/2023 10:18	10/9/2023 11:06	48	0
1430553	10/9/2023 10:18	10/9/2023 20:32	614	0.24
1430838	10/9/2023 10:18	10/9/2023 20:32	614	0
309961	10/9/2023 10:18	10/9/2023 20:50	632	0.01
274125	10/9/2023 10:18	10/9/2023 20:42	624	0.19
627018	10/9/2023 10:19	10/9/2023 20:27	608	0.55

1538194	10/9/2023 10:19	10/9/2023 11:48	89	0
265473	10/9/2023 10:19	10/10/2023 0:28	849	0
449377	10/9/2023 10:19	10/9/2023 14:39	260	0.16
469018	10/9/2023 10:20	10/10/2023 0:28	848	0.05
265584	10/9/2023 10:20	10/10/2023 10:00	1419.8	0
1538195	10/9/2023 10:20	10/9/2023 11:50	90	0
627289	10/9/2023 10:20	10/9/2023 20:34	614	0.24
624953	10/9/2023 10:20	10/9/2023 20:29	609	0
267021	10/9/2023 10:21	10/10/2023 10:00	1418.8	0
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510307	10/9/2023 10:21	10/9/2023 11:40	79	0
265949	10/9/2023 10:21	10/10/2023 10:00	1418.8	0
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267084	10/9/2023 10:21	10/10/2023 10:00	1418.8	0
325050	10/9/2023 10:21	10/9/2023 11:51	90	0
1624452	10/9/2023 10:21	10/9/2023 14:23	242	0
1538299	10/9/2023 10:22	10/9/2023 11:51	89	0.83
1450250	10/9/2023 10:22	10/9/2023 14:08	226	0
623871	10/9/2023 10:22	10/9/2023 11:03	41	0
8104722	10/9/2023 10:22	10/9/2023 20:25	603	0.95
317233	10/9/2023 10:22	10/10/2023 0:28	846	0.23
511266	10/9/2023 10:22	10/9/2023 11:41	79	0
8206792	10/9/2023 10:23	10/9/2023 14:08	225	0
496500	10/9/2023 10:23	10/9/2023 11:33	70	0
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624628	10/9/2023 10:23	10/9/2023 20:24	601	0
506261	10/9/2023 10:24	10/9/2023 11:43	79	0
507365	10/9/2023 10:24	10/9/2023 11:42	78	0
29635	10/9/2023 10:25	10/10/2023 10:00	1414	0
315345	10/9/2023 10:25	10/10/2023 0:28	843	0.5
1384509	10/9/2023 10:25	10/9/2023 11:44	79	0.34
41784	10/9/2023 10:26	10/10/2023 10:00	1413	0
7533405	10/9/2023 10:26	10/9/2023 19:16	530	0.49
1321750	10/9/2023 10:26	10/10/2023 0:28	842	0.74
378229	10/9/2023 10:26	10/9/2023 20:41	615	0.06
954637	10/9/2023 10:27	10/9/2023 20:31	604	0
8766703	10/9/2023 10:27	10/9/2023 11:15	48	0
315346	10/9/2023 10:27	10/9/2023 20:25	598	0.22
449036	10/9/2023 10:27	10/9/2023 20:09	582	0.63
954332	10/9/2023 10:28	10/9/2023 20:26	598	0
24124	10/9/2023 10:28	10/9/2023 20:26	598	0
1310069	10/9/2023 10:28	10/9/2023 14:12	224	0
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819368	10/9/2023 10:28	10/9/2023 20:32	604	0
1567514	10/9/2023 10:28	10/9/2023 20:31	603	0.19
957615	10/9/2023 10:29	10/10/2023 0:28	839	0

1513240	10/9/2023 10:29	10/9/2023 12:03	94	0.26
54282	10/9/2023 10:30	10/9/2023 20:39	609	0.14
53030	10/9/2023 10:30	10/9/2023 20:44	614	0
594966	10/9/2023 10:30	10/9/2023 20:27	597	2.25
8621797	10/9/2023 10:30	10/9/2023 11:28	58	0.24
815789	10/9/2023 10:30	10/9/2023 20:31	601	0.43
1343695	10/9/2023 10:31	10/10/2023 10:00	1408	0.01
51957	10/9/2023 10:32	10/9/2023 11:30	58	0.77
572916	10/9/2023 10:33	10/9/2023 11:32	59	0.01
1368745	10/9/2023 10:33	10/9/2023 11:48	75	0
190372	10/9/2023 10:33	10/10/2023 0:28	835	0.02
308622	10/9/2023 10:33	10/9/2023 11:36	63	0
55232	10/9/2023 10:33	10/10/2023 0:28	835	0
561672	10/9/2023 10:33	10/9/2023 20:36	603	0
997397	10/9/2023 10:34	10/9/2023 20:35	601	0.27
995564	10/9/2023 10:34	10/9/2023 20:31	597	0.21
6168330	10/9/2023 10:34	10/9/2023 11:37	63	0
572882	10/9/2023 10:34	10/9/2023 11:37	63	0.02
1553525	10/9/2023 10:35	10/10/2023 0:28	833	0
800588	10/9/2023 10:36	10/10/2023 0:28	832	0.06
1546695	10/9/2023 10:36	10/10/2023 0:28	832	0
1511264	10/9/2023 10:36	10/9/2023 11:39	63	0.1
793937	10/9/2023 10:36	10/9/2023 20:24	588	0
1555609	10/9/2023 10:36	10/9/2023 20:29	593	0.16
1511251	10/9/2023 10:36	10/9/2023 11:40	64	0
324045	10/9/2023 10:36	10/9/2023 11:49	73	0
793737	10/9/2023 10:37	10/9/2023 20:39	602	0.17
800600	10/9/2023 10:37	10/10/2023 0:28	831	0.01
800590	10/9/2023 10:37	10/9/2023 20:32	595	0.69
1073095	10/9/2023 10:38	10/9/2023 11:56	78	0
801004	10/9/2023 10:38	10/9/2023 20:36	598	0
511223	10/9/2023 10:38	10/9/2023 11:10	32	0
610737	10/9/2023 10:38	10/9/2023 11:52	74	0
509102	10/9/2023 10:38	10/9/2023 11:10	32	0
1362130	10/9/2023 10:39	10/9/2023 14:41	242	0.16
1552154	10/9/2023 10:39	10/9/2023 20:38	599	0.38
8668965	10/9/2023 10:39	10/9/2023 11:42	63	0
1320008	10/9/2023 10:40	10/9/2023 15:09	269	0.2
357972	10/9/2023 10:40	10/9/2023 12:46	126	0
1363588	10/9/2023 10:40	10/9/2023 14:36	236	0.29
1362855	10/9/2023 10:41	10/10/2023 0:28	827	0.68
791361	10/9/2023 10:41	10/9/2023 20:35	594	0
1375642	10/9/2023 10:42	10/9/2023 20:41	599	0
1493132	10/9/2023 10:42	10/10/2023 0:28	826	3.03
1321605	10/9/2023 10:42	10/9/2023 20:29	587	0.83
729928	10/9/2023 10:43	10/9/2023 11:45	62	0
793690	10/9/2023 10:43	10/9/2023 11:46	63	0

1567316	10/9/2023 10:43	10/9/2023 20:31	588	0
790670	10/9/2023 10:43	10/9/2023 11:46	63	0.2
817825	10/9/2023 10:44	10/9/2023 20:38	594	0
6714863	10/9/2023 10:44	10/9/2023 11:47	63	0.16
7937779	10/9/2023 10:45	10/9/2023 20:33	588	0.33
8950281	10/9/2023 10:45	10/9/2023 11:32	47	0
793285	10/9/2023 10:46	10/9/2023 11:44	58	0.08
816722	10/9/2023 10:47	10/10/2023 0:28	821	0
51483	10/9/2023 10:47	10/9/2023 11:34	47	0.1
581832	10/9/2023 10:47	10/9/2023 15:27	280	0
265864	10/9/2023 10:47	10/9/2023 20:21	574	0.72
1356945	10/9/2023 10:51	10/9/2023 20:28	577	0.12
1190820	10/9/2023 10:52	10/9/2023 11:37	45	0
1064514	10/9/2023 10:56	10/10/2023 0:28	812	1.9
1395587	10/9/2023 11:00	10/9/2023 11:47	47	0
353371	10/9/2023 11:00	10/9/2023 13:16	136	0.16
259674	10/9/2023 11:00	10/9/2023 14:29	209	0
1064575	10/9/2023 11:00	10/9/2023 20:36	576	0
980398	10/9/2023 11:01	10/9/2023 20:32	571	0.59
1301093	10/9/2023 11:01	10/9/2023 20:43	582	1.5
623871	10/9/2023 11:03	10/10/2023 0:28	805	0.06
455345	10/9/2023 11:04	10/9/2023 11:35	31	0
455994	10/9/2023 11:04	10/9/2023 11:36	32	0
1434316	10/9/2023 11:04	10/9/2023 11:36	32	0
605186	10/9/2023 11:05	10/9/2023 11:37	32	0
457729	10/9/2023 11:05	10/9/2023 11:36	31	0
455629	10/9/2023 11:05	10/9/2023 11:36	31	0
456099	10/9/2023 11:05	10/9/2023 11:33	28	0
454861	10/9/2023 11:06	10/9/2023 11:33	27	0
852071	10/9/2023 11:06	10/9/2023 20:37	571	1.34
1465703	10/9/2023 11:06	10/9/2023 20:33	567	0.12
319279	10/9/2023 11:07	10/9/2023 12:10	63	0
1093833	10/9/2023 11:08	10/9/2023 14:28	200	0.08
564518	10/9/2023 11:08	10/9/2023 14:23	195	0
553863	10/9/2023 11:08	10/9/2023 14:23	195	0.32
498070	10/9/2023 11:08	10/9/2023 11:34	26	0
359916	10/9/2023 11:09	10/9/2023 11:40	31	0
1434359	10/9/2023 11:09	10/9/2023 11:35	26	0
8590289	10/9/2023 11:09	10/9/2023 11:41	32	0
1432509	10/9/2023 11:09	10/9/2023 11:41	32	0
1434550	10/9/2023 11:10	10/9/2023 11:41	31	0.01
509102	10/9/2023 11:10	10/9/2023 11:41	31	0
8734029	10/9/2023 11:10	10/9/2023 11:42	32	0
511223	10/9/2023 11:10	10/9/2023 11:41	31	0
350753	10/9/2023 11:12	10/10/2023 0:28	796	0.13
1075503	10/9/2023 11:12	10/9/2023 11:43	31	0
237946	10/9/2023 11:13	10/10/2023 10:00	1366.8	0

1393633	10/9/2023 11:14	10/10/2023 0:28	794	0.86
1027787	10/9/2023 11:14	10/9/2023 20:35	561	0
8766703	10/9/2023 11:15	10/9/2023 11:30	15	0
793638	10/9/2023 11:15	10/9/2023 11:47	32	0.45
1259644	10/9/2023 11:15	10/9/2023 20:36	561	0
1556565	10/9/2023 11:16	10/9/2023 11:47	31	0
8159088	10/9/2023 11:16	10/10/2023 10:00	1363	0
266576	10/9/2023 11:17	10/10/2023 10:00	1362	0
266806	10/9/2023 11:18	10/10/2023 10:00	1361	0
7415412	10/9/2023 11:18	10/10/2023 10:00	1361	0
563721	10/9/2023 11:19	10/9/2023 20:36	557	0.16
1432827	10/9/2023 11:19	10/10/2023 0:28	789	0.41
454901	10/9/2023 11:20	10/9/2023 19:36	496	0.01
266556	10/9/2023 11:20	10/10/2023 10:00	1359	0
266333	10/9/2023 11:20	10/10/2023 10:00	1359	0
1431804	10/9/2023 11:20	10/9/2023 20:32	552	0
267715	10/9/2023 11:21	10/10/2023 10:00	1358	0
324290	10/9/2023 11:21	10/9/2023 11:52	31	0
1557100	10/9/2023 11:21	10/9/2023 11:47	26	0
266573	10/9/2023 11:21	10/10/2023 10:00	1358	0
1556486	10/9/2023 11:21	10/9/2023 11:47	26	0
319726	10/9/2023 11:22	10/9/2023 20:00	518	0
8068454	10/9/2023 11:22	10/9/2023 15:24	242	2.13
1320646	10/9/2023 11:22	10/10/2023 0:28	786	0.39
315088	10/9/2023 11:23	10/9/2023 20:22	539	0.94
8524544	10/9/2023 11:23	10/9/2023 20:34	551	0.1
316630	10/9/2023 11:23	10/9/2023 20:45	562	0.97
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8621797	10/9/2023 11:28	10/9/2023 15:46	258	0.77
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8950281	10/9/2023 11:32	10/9/2023 11:48	16	0
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1309098	10/9/2023 11:41	10/9/2023 11:52	11	0
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8668965	10/9/2023 11:42	10/9/2023 14:14	152	0
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793285	10/9/2023 11:44	10/9/2023 13:29	105	0.29
729928	10/9/2023 11:45	10/9/2023 13:29	104	0
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793690	10/9/2023 11:46	10/9/2023 13:32	106	0
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8950281	10/9/2023 11:48	10/9/2023 12:35	47	0
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325050	10/9/2023 11:51	10/9/2023 12:06	15	0
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68308	10/9/2023 11:51	10/9/2023 12:17	26	0
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610737	10/9/2023 11:52	10/9/2023 12:08	16	0
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324290	10/9/2023 11:52	10/9/2023 12:08	16	0
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1556486	10/9/2023 12:03	10/10/2023 10:00	1316	0

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324045	10/9/2023 12:06	10/9/2023 13:08	62	0
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353371	10/9/2023 13:48	10/9/2023 19:35	347	0
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1310926	10/9/2023 14:08	10/9/2023 14:23	15	0.04
508593	10/9/2023 14:09	10/9/2023 14:31	22	0
507365	10/9/2023 14:10	10/9/2023 14:25	15	0
506261	10/9/2023 14:10	10/9/2023 14:31	21	0
9075059	10/9/2023 14:10	10/9/2023 14:25	15	0
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510307	10/9/2023 14:12	10/9/2023 14:28	16	0
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1573666	10/9/2023 14:13	10/9/2023 14:44	31	0
8668965	10/9/2023 14:14	10/9/2023 14:25	11	0
8950281	10/9/2023 14:15	10/9/2023 14:31	16	0
1272457	10/9/2023 14:16	10/9/2023 14:28	12	0
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8950281	10/9/2023 14:31	10/9/2023 15:02	31	0
506261	10/9/2023 14:31	10/9/2023 14:42	11	0
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1321750	10/10/2023 0:28	10/10/2023 10:00	571	0
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523489	10/10/2023 8:32	10/10/2023 10:00	87.8	0.05
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506261	10/10/2023 9:44	10/10/2023 10:00	15	0
1362855	10/10/2023 9:45	10/10/2023 10:00	14	0
1704326	10/10/2023 9:46	10/10/2023 10:00	13	0

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1466445	10/10/2023 10:00	10/10/2023 19:40	580	0
55232	10/10/2023 10:00	10/11/2023 10:00	1439	0
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637185	10/10/2023 10:00	10/11/2023 10:00	1439	0
1309098	10/10/2023 10:00	10/10/2023 12:01	121	0.01
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523489	10/10/2023 10:00	10/10/2023 19:41	581	1.22
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239705	10/10/2023 10:00	10/10/2023 12:18	138	0
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8718349	10/10/2023 10:00	10/10/2023 16:02	362	0
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980398	10/10/2023 10:00	10/11/2023 0:28	868	1.88
705447	10/10/2023 10:00	10/11/2023 10:00	1439	0
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7937779	10/10/2023 10:00	10/10/2023 20:37	637	0.62
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51483	10/10/2023 10:00	10/10/2023 12:22	142	0

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564357	10/10/2023 10:00	10/11/2023 10:00	1439	0
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791510	10/10/2023 10:00	10/11/2023 10:00	1439	0
259674	10/10/2023 10:01	10/10/2023 20:37	636	0
26864	10/10/2023 10:02	10/10/2023 19:39	577	0
304295	10/10/2023 10:06	10/10/2023 14:34	268	0.02
1430838	10/10/2023 10:06	10/10/2023 20:41	635	0
309961	10/10/2023 10:06	10/10/2023 20:46	640	0
8950281	10/10/2023 10:07	10/10/2023 12:23	136	0
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587455	10/10/2023 10:07	10/10/2023 11:37	90	0
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455345	10/10/2023 10:08	10/10/2023 14:09	241	0.1
1390184	10/10/2023 10:08	10/10/2023 20:44	636	0.81
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1551513	10/10/2023 10:11	10/10/2023 20:41	630	0.42
1555268	10/10/2023 10:11	10/10/2023 20:41	630	0
1704232	10/10/2023 10:11	10/10/2023 20:36	625	0.48
1362855	10/10/2023 10:11	10/10/2023 13:29	198	1.33
319279	10/10/2023 10:11	10/11/2023 10:00	1428.8	0
1551510	10/10/2023 10:11	10/11/2023 0:28	857	0.16
10659831	10/10/2023 10:11	10/10/2023 19:36	565	0
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1453263	10/10/2023 10:12	10/10/2023 12:42	150	0
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1220897	10/10/2023 10:13	10/11/2023 0:28	855	2.13
496500	10/10/2023 10:13	10/11/2023 0:28	855	0
315088	10/10/2023 10:13	10/10/2023 20:38	625	0.74
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10013697	10/10/2023 10:14	10/10/2023 20:38	624	0
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1321605	10/10/2023 10:14	10/10/2023 20:28	614	0.44
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1516739	10/10/2023 10:15	10/10/2023 11:13	58	0
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314899	10/10/2023 10:16	10/10/2023 20:35	619	0
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499998	10/10/2023 10:24	10/10/2023 20:43	619	0.3
325050	10/10/2023 10:26	10/10/2023 11:11	45	0
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324045	10/10/2023 10:29	10/10/2023 11:43	74	0
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1400258	10/10/2023 10:34	10/10/2023 11:48	74	0
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816722	10/10/2023 10:35	10/10/2023 20:30	595	0

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8668965	10/10/2023 10:43	10/10/2023 11:30	47	0
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346288	10/10/2023 10:45	10/10/2023 20:38	593	0.18
237946	10/10/2023 10:46	10/10/2023 11:17	31	0
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6761269	10/10/2023 10:49	10/11/2023 0:28	819	0.15
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1431804	10/10/2023 10:53	10/10/2023 20:35	582	0
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782675	10/10/2023 10:55	10/10/2023 11:53	58	0
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41784	10/10/2023 11:01	10/10/2023 11:46	45	0
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353651	10/10/2023 11:03	10/10/2023 11:33	30	0
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41508	10/10/2023 11:04	10/10/2023 11:46	42	1.02
1301093	10/10/2023 11:04	10/10/2023 20:40	576	0.5
35442	10/10/2023 11:04	10/10/2023 14:33	209	0
23566	10/10/2023 11:04	10/10/2023 11:46	42	0
25066	10/10/2023 11:05	10/10/2023 11:47	42	0
350753	10/10/2023 11:05	10/10/2023 12:03	58	0
353371	10/10/2023 11:05	10/10/2023 11:52	47	0.1
1343695	10/10/2023 11:05	10/11/2023 10:00	1374	0
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455994	10/10/2023 11:08	10/10/2023 11:24	16	0
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69207	10/10/2023 11:10	10/10/2023 20:47	577	0
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8387677	10/10/2023 11:12	10/10/2023 20:39	567	0
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500322	10/10/2023 11:14	10/10/2023 11:29	15	0
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500322	10/10/2023 11:29	10/10/2023 13:04	95	0
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8590289	10/10/2023 11:33	10/10/2023 14:16	163	0
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506261	10/10/2023 11:34	10/10/2023 14:16	162	0.33
594966	10/10/2023 11:35	10/10/2023 13:35	120	2.45
587455	10/10/2023 11:37	10/10/2023 13:37	120	0
1417138	10/10/2023 11:38	10/10/2023 12:26	48	0.34
325050	10/10/2023 11:41	10/10/2023 12:11	30	0
1517059	10/10/2023 11:43	10/10/2023 11:58	15	0
324045	10/10/2023 11:43	10/10/2023 12:15	32	0
1516739	10/10/2023 11:44	10/10/2023 12:00	16	0
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41508	10/10/2023 11:46	10/10/2023 14:34	168	0.86
237758	10/10/2023 11:46	10/10/2023 12:17	31	0
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1417279	10/10/2023 11:51	10/10/2023 12:28	37	0
793285	10/10/2023 11:52	10/10/2023 14:25	153	0
995564	10/10/2023 11:52	10/10/2023 12:07	15	0
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729928	10/10/2023 11:53	10/10/2023 14:25	152	0
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997397	10/10/2023 11:54	10/10/2023 12:09	15	0
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793690	10/10/2023 11:55	10/10/2023 14:22	147	0
605186	10/10/2023 11:56	10/10/2023 14:39	163	0.08
1517059	10/10/2023 11:58	10/10/2023 12:57	59	0
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1516739	10/10/2023 12:00	10/10/2023 12:58	58	0.04
1310926	10/10/2023 12:00	10/10/2023 12:26	26	0
1309098	10/10/2023 12:01	10/10/2023 12:27	26	0.01
350753	10/10/2023 12:03	10/10/2023 20:48	525	0.05
1400258	10/10/2023 12:03	10/10/2023 13:48	105	0
353651	10/10/2023 12:03	10/10/2023 12:47	44	0
995564	10/10/2023 12:07	10/10/2023 14:24	137	0.01
450309	10/10/2023 12:07	10/11/2023 10:00	1312	0
564518	10/10/2023 12:08	10/10/2023 14:28	140	0
997397	10/10/2023 12:09	10/10/2023 14:25	136	0.01
1664433	10/10/2023 12:10	10/10/2023 14:26	136	0
569142	10/10/2023 12:10	10/10/2023 14:42	152	0
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324045	10/10/2023 12:15	10/10/2023 14:25	130	0
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239705	10/10/2023 12:18	10/10/2023 20:35	497	0.13
1526024	10/10/2023 12:19	10/10/2023 15:07	168	0
51483	10/10/2023 12:22	10/10/2023 13:09	47	0
51957	10/10/2023 12:23	10/10/2023 13:05	42	0
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8766703	10/10/2023 12:24	10/10/2023 15:05	161	0

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1417138	10/10/2023 12:26	10/10/2023 15:08	162	0.2
308622	10/10/2023 12:26	10/11/2023 10:00	1293	0
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1309098	10/10/2023 12:27	10/10/2023 12:58	31	0.05
1417279	10/10/2023 12:28	10/10/2023 14:09	101	0.03
469018	10/10/2023 12:40	10/10/2023 14:09	89	0
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1310926	10/10/2023 12:58	10/10/2023 14:43	105	0.19
1516739	10/10/2023 12:58	10/10/2023 13:14	16	0
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51957	10/10/2023 13:05	10/10/2023 13:52	47	0
51483	10/10/2023 13:09	10/10/2023 14:38	89	0
454901	10/10/2023 13:10	10/10/2023 14:56	106	0.05
1517059	10/10/2023 13:13	10/10/2023 14:15	62	0.02
1516739	10/10/2023 13:14	10/10/2023 14:12	58	0.04
510522	10/10/2023 13:15	10/10/2023 14:33	78	0
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1282057	10/10/2023 13:19	10/10/2023 13:35	16	0
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852071	10/10/2023 13:26	10/11/2023 0:28	662	0
1362130	10/10/2023 13:27	10/10/2023 14:14	47	0
1453263	10/10/2023 13:27	10/10/2023 13:42	15	0
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596091	10/10/2023 13:33	10/10/2023 15:08	95	0
594966	10/10/2023 13:35	10/10/2023 14:22	47	0.09
1282057	10/10/2023 13:35	10/10/2023 14:32	57	0
587455	10/10/2023 13:37	10/10/2023 14:08	31	0
353371	10/10/2023 13:37	10/10/2023 19:49	372	0
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1452193	10/10/2023 13:45	10/10/2023 14:16	31	0
571420	10/10/2023 13:46	10/10/2023 14:18	32	0
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1400258	10/10/2023 13:48	10/10/2023 19:33	345	0

51957	10/10/2023 13:52	10/10/2023 14:08	16	0.03
1539391	10/10/2023 13:56	10/11/2023 0:28	632	0
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1550815	10/10/2023 20:38	10/11/2023 10:00	801	0
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1309133	10/11/2023 0:28	10/11/2023 10:00	571	0
587455	10/11/2023 0:28	10/11/2023 9:57	569	0
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449377	10/11/2023 1:18	10/11/2023 2:45	87	0
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8950281	10/11/2023 8:31	10/11/2023 10:00	88	0
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10510361	10/11/2023 8:42	10/11/2023 10:00	77.8	0
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45637	10/11/2023 8:56	10/11/2023 10:00	63	0
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793690	10/11/2023 9:32	10/11/2023 10:00	27	0
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264186	10/11/2023 10:00	10/12/2023 10:00	1439	0
523489	10/11/2023 10:00	10/11/2023 13:24	204	1.37
793285	10/11/2023 10:00	10/11/2023 11:31	91	0
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637185	10/11/2023 10:00	10/12/2023 10:00	1439	0
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854585	10/11/2023 10:00	10/11/2023 14:22	262	0
6761269	10/11/2023 10:01	10/11/2023 20:36	635	0.09
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280364	10/11/2023 11:07	10/11/2023 11:33	26	0
852071	10/11/2023 11:07	10/11/2023 14:21	194	0
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314163	10/11/2023 11:08	10/11/2023 14:27	199	0
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1363588	10/11/2023 11:08	10/11/2023 11:23	15	0
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319279	10/11/2023 11:09	10/12/2023 10:00	1370.8	0
313731	10/11/2023 11:09	10/11/2023 14:28	199	0
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45637	10/11/2023 11:12	10/11/2023 20:35	563	0.47
8387677	10/11/2023 11:12	10/11/2023 14:26	194	0
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1565246	10/11/2023 11:15	10/11/2023 20:42	567	0
1493132	10/11/2023 11:15	10/12/2023 0:28	793	4.52
1343695	10/11/2023 11:15	10/11/2023 20:32	557	0
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304295	10/11/2023 11:34	10/11/2023 11:49	15	0
859747	10/11/2023 11:35	10/11/2023 13:35	120	0
7533405	10/11/2023 11:35	10/11/2023 11:51	16	0
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324045	10/11/2023 11:37	10/11/2023 12:09	32	0
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860281	10/11/2023 11:37	10/11/2023 13:37	120	0
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325050	10/11/2023 11:39	10/11/2023 12:09	30	0
729928	10/11/2023 11:39	10/11/2023 13:03	84	0
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1358503	10/11/2023 11:45	10/11/2023 12:59	74	0
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553863	10/11/2023 11:48	10/11/2023 14:57	189	0
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1430553	10/11/2023 11:48	10/11/2023 12:19	31	0
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572882	10/11/2023 11:49	10/11/2023 12:04	15	0
304295	10/11/2023 11:49	10/11/2023 12:05	16	0
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265473	10/11/2023 11:50	10/11/2023 12:06	16	0
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1430838	10/11/2023 11:51	10/11/2023 12:17	26	0
7533405	10/11/2023 11:51	10/11/2023 12:07	16	0
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572916	10/11/2023 11:52	10/11/2023 12:07	15	0.12
1511532	10/11/2023 11:53	10/11/2023 13:22	89	0
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878149	10/11/2023 11:54	10/11/2023 12:52	58	0
1516739	10/11/2023 11:54	10/11/2023 12:51	57	0
1509486	10/11/2023 11:55	10/11/2023 13:24	89	0
237758	10/11/2023 11:55	10/11/2023 14:28	153	0
8511623	10/11/2023 11:56	10/11/2023 14:24	148	0
239705	10/11/2023 12:00	10/11/2023 14:29	149	0.07
1360948	10/11/2023 12:01	10/12/2023 8:49	1248	0
328113	10/11/2023 12:02	10/11/2023 12:33	31	0
324290	10/11/2023 12:04	10/11/2023 13:07	63	0
572882	10/11/2023 12:04	10/11/2023 15:35	211	0

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265473	10/11/2023 12:06	10/12/2023 10:00	1313	0
7533405	10/11/2023 12:07	10/11/2023 14:23	136	0
1553525	10/11/2023 12:07	10/11/2023 16:08	241	0
572916	10/11/2023 12:07	10/11/2023 15:37	210	0.07
1552154	10/11/2023 12:09	10/11/2023 14:20	131	0
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325050	10/11/2023 12:09	10/11/2023 13:09	60	0
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23566	10/11/2023 12:19	10/12/2023 10:00	1300	0
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914462	10/11/2023 12:21	10/12/2023 10:00	1298	0
916441	10/11/2023 12:21	10/12/2023 10:00	1298	0
330528	10/11/2023 12:22	10/11/2023 12:47	25	0
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1526024	10/11/2023 12:28	10/11/2023 13:47	79	0
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328113	10/11/2023 12:33	10/11/2023 13:47	74	0
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8766703	10/11/2023 12:46	10/11/2023 13:58	72	0
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878149	10/11/2023 12:52	10/11/2023 14:05	73	0
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1358945	10/11/2023 12:59	10/12/2023 9:43	1244	0
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8766703	10/11/2023 13:58	10/11/2023 14:14	16	0
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158427	10/11/2023 19:37	10/12/2023 10:00	862.72	0
1453263	10/11/2023 19:37	10/12/2023 10:00	862.4	0
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26864	10/11/2023 19:37	10/12/2023 10:00	862.8	0
1361528	10/11/2023 19:37	10/12/2023 8:57	800	0
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11467920	10/11/2023 19:43	10/12/2023 10:00	856.4	0
1466445	10/11/2023 19:43	10/12/2023 7:11	688	0
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11120838	10/11/2023 19:44	10/12/2023 10:00	855.8	0
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1551510	10/11/2023 20:40	10/12/2023 10:00	799	0
7937779	10/11/2023 20:40	10/12/2023 9:58	798	0
1451744	10/11/2023 20:40	10/12/2023 10:00	799	0
51483	10/11/2023 20:40	10/12/2023 8:18	698	0
1591422	10/11/2023 20:40	10/12/2023 10:00	799	0
1466638	10/11/2023 20:40	10/12/2023 9:31	771	0
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315306	10/11/2023 20:44	10/12/2023 10:00	795	0
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449377	10/11/2023 22:52	10/12/2023 1:28	156	0
1390184	10/12/2023 0:28	10/12/2023 9:49	561	0
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317233	10/12/2023 0:28	10/12/2023 9:52	564	0
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878149	10/12/2023 0:28	10/12/2023 10:00	571	0
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588892	10/12/2023 0:28	10/12/2023 10:00	571	0
1514677	10/12/2023 0:28	10/12/2023 10:00	571	0
1320646	10/12/2023 0:28	10/12/2023 9:37	549	0

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315509	10/12/2023 0:28	10/12/2023 10:00	571	0
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328113	10/12/2023 0:28	10/12/2023 10:00	571	0
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1664433	10/12/2023 1:18	10/12/2023 10:00	521	0
449377	10/12/2023 1:28	10/12/2023 6:49	321	0
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1466445	10/12/2023 7:11	10/12/2023 10:00	168.4	0
308959	10/12/2023 7:20	10/12/2023 10:00	159.8	0.09
449377	10/12/2023 8:03	10/12/2023 10:00	116	0
1465391	10/12/2023 8:13	10/12/2023 10:00	106	0
51483	10/12/2023 8:18	10/12/2023 10:00	101	0
8950281	10/12/2023 8:18	10/12/2023 10:00	101	0
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1405290	10/12/2023 8:27	10/12/2023 10:00	93	0
569142	10/12/2023 8:37	10/12/2023 10:00	82.15	0
8511623	10/12/2023 8:40	10/12/2023 10:00	79	0
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324290	10/12/2023 8:54	10/12/2023 10:00	65	0
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1361528	10/12/2023 8:57	10/12/2023 9:07	10	0
523489	10/12/2023 8:57	10/12/2023 10:00	62.8	0.07
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860281	10/12/2023 9:21	10/12/2023 10:00	38	0
317797	10/12/2023 9:25	10/12/2023 10:00	34.8	0
1406535	10/12/2023 9:27	10/12/2023 10:00	32	0
1624452	10/12/2023 9:29	10/12/2023 10:00	30	0
1466638	10/12/2023 9:31	10/12/2023 10:00	28	0
8068454	10/12/2023 9:32	10/12/2023 10:00	27	0
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1321605	10/12/2023 9:37	10/12/2023 10:00	22	0
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980398	10/12/2023 10:00	10/12/2023 16:37	397	3.56
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1361528	10/12/2023 10:00	10/12/2023 19:32	572	0
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997397	10/12/2023 10:00	10/12/2023 15:31	331	0
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264186	10/12/2023 10:00	10/13/2023 10:00	1439	0
455345	10/12/2023 10:00	10/12/2023 11:38	98	0
1466445	10/12/2023 10:00	10/12/2023 19:40	580	0
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859747	10/12/2023 10:01	10/12/2023 11:35	94	0
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664453	10/12/2023 10:08	10/12/2023 20:23	615	0.4
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8734029	10/12/2023 10:09	10/13/2023 0:28	859	0.56
1321605	10/12/2023 10:09	10/13/2023 0:28	859	0.52
325050	10/12/2023 10:09	10/12/2023 11:09	60	0
9075059	10/12/2023 10:09	10/13/2023 0:28	859	0
1309098	10/12/2023 10:10	10/12/2023 20:24	614	0.25
6761269	10/12/2023 10:10	10/12/2023 14:12	242	0.76
10659831	10/12/2023 10:10	10/12/2023 19:42	572	0
793638	10/12/2023 10:10	10/12/2023 20:30	620	0.74
8524544	10/12/2023 10:11	10/12/2023 11:40	89	0
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346288	10/12/2023 10:11	10/12/2023 14:12	241	0.02
1700586	10/12/2023 10:12	10/13/2023 0:28	856	0
1463520	10/12/2023 10:12	10/12/2023 19:55	583	0.11
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8766703	10/12/2023 10:13	10/12/2023 13:43	210	0
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1465391	10/12/2023 10:13	10/13/2023 0:28	855	0.05
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510307	10/12/2023 10:21	10/13/2023 0:28	847	0
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6714863	10/12/2023 10:23	10/12/2023 20:37	614	0.34
860281	10/12/2023 10:23	10/12/2023 11:37	74	0.12
790670	10/12/2023 10:23	10/13/2023 0:28	845	0.11
511266	10/12/2023 10:24	10/12/2023 20:38	614	0
8148103	10/12/2023 10:24	10/12/2023 11:39	75	0
378229	10/12/2023 10:24	10/13/2023 0:28	844	1.04
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8511623	10/12/2023 10:25	10/13/2023 0:28	843	0
793285	10/12/2023 10:26	10/13/2023 0:28	842	0.39
316997	10/12/2023 10:26	10/12/2023 11:40	74	0
315346	10/12/2023 10:26	10/12/2023 11:39	73	0
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7533405	10/12/2023 10:29	10/12/2023 11:36	67	0
1343695	10/12/2023 10:29	10/12/2023 11:43	74	0
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1251782	10/12/2023 10:31	10/13/2023 0:28	837	1.51
309944	10/12/2023 10:34	10/12/2023 11:37	63	0.13
449036	10/12/2023 10:35	10/13/2023 0:28	833	0.72
309265	10/12/2023 10:35	10/12/2023 11:33	58	0.09
274125	10/12/2023 10:35	10/13/2023 0:28	833	0
1511264	10/12/2023 10:36	10/13/2023 0:28	832	0.26
308032	10/12/2023 10:37	10/12/2023 11:35	58	0
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449377	10/12/2023 10:43	10/13/2023 3:06	983	0
51483	10/12/2023 10:45	10/12/2023 14:31	226	0.02
8950281	10/12/2023 10:45	10/12/2023 14:31	226	0
262048	10/12/2023 10:46	10/12/2023 11:17	31	0
594966	10/12/2023 10:48	10/13/2023 0:28	820	0.35
729928	10/12/2023 10:49	10/12/2023 14:19	210	0
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791510	10/12/2023 10:55	10/12/2023 20:32	577	0.18
564518	10/12/2023 10:56	10/13/2023 0:28	812	0
1093833	10/12/2023 10:56	10/12/2023 20:32	576	0
1301093	10/12/2023 10:57	10/13/2023 0:28	811	0.35
1375642	10/12/2023 10:58	10/13/2023 0:28	810	0
1573666	10/12/2023 10:59	10/12/2023 11:47	48	0
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1465703	10/12/2023 11:01	10/13/2023 0:28	807	0
7937779	10/12/2023 11:02	10/13/2023 0:28	806	0.08
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328113	10/12/2023 11:03	10/13/2023 0:28	805	0.2
237946	10/12/2023 11:03	10/12/2023 13:20	137	0
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324290	10/12/2023 11:05	10/12/2023 14:19	194	0
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8590289	10/12/2023 11:05	10/13/2023 0:28	803	0
1432827	10/12/2023 11:06	10/13/2023 0:28	802	0.61

1320619	10/12/2023 11:07	10/12/2023 20:27	560	0
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1451744	10/12/2023 11:07	10/12/2023 20:33	566	0.95
1320646	10/12/2023 11:07	10/13/2023 0:28	801	0
1270983	10/12/2023 11:08	10/12/2023 11:51	43	0
325050	10/12/2023 11:09	10/12/2023 14:24	195	0.21
324045	10/12/2023 11:09	10/12/2023 14:23	194	0
1270985	10/12/2023 11:09	10/12/2023 11:20	11	0
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2032900	10/12/2023 11:10	10/13/2023 0:28	798	0
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8621797	10/12/2023 11:17	10/12/2023 11:33	16	0
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817825	10/12/2023 11:18	10/13/2023 0:28	790	0
303510	10/12/2023 11:18	10/12/2023 11:33	15	0
816722	10/12/2023 11:18	10/13/2023 0:28	790	0
854579	10/12/2023 11:19	10/12/2023 14:34	195	0
455994	10/12/2023 11:19	10/12/2023 11:34	15	0
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23566	10/12/2023 11:24	10/12/2023 12:59	95	0
1517059	10/12/2023 11:25	10/12/2023 20:36	551	0
1027720	10/12/2023 11:30	10/12/2023 13:46	136	0
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309265	10/12/2023 11:33	10/12/2023 11:50	17	0.01
8621797	10/12/2023 11:33	10/12/2023 11:48	15	0
454861	10/12/2023 11:33	10/12/2023 11:49	16	0.01
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456099	10/12/2023 11:34	10/12/2023 11:50	16	0
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7533405	10/12/2023 11:36	10/12/2023 11:48	12	0
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572882	10/12/2023 11:36	10/12/2023 11:47	11	0

309944	10/12/2023 11:37	10/12/2023 11:48	11	0.11
317233	10/12/2023 11:37	10/12/2023 14:41	184	0
860281	10/12/2023 11:37	10/12/2023 13:22	105	0
314899	10/12/2023 11:37	10/12/2023 14:41	184	0
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455345	10/12/2023 11:38	10/12/2023 11:48	10	0
315346	10/12/2023 11:39	10/12/2023 14:37	178	0
8148103	10/12/2023 11:39	10/13/2023 0:28	769	0.09
313954	10/12/2023 11:39	10/13/2023 0:28	769	0.01
313269	10/12/2023 11:39	10/12/2023 13:23	104	0
8524544	10/12/2023 11:40	10/13/2023 0:28	768	0
316997	10/12/2023 11:40	10/12/2023 14:38	178	0
312846	10/12/2023 11:40	10/13/2023 0:28	768	0
313731	10/12/2023 11:40	10/13/2023 0:28	768	0.04
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316630	10/12/2023 11:42	10/13/2023 0:28	766	0.29
315306	10/12/2023 11:42	10/12/2023 14:55	193	0.08
315345	10/12/2023 11:42	10/12/2023 14:55	193	0
1343695	10/12/2023 11:43	10/12/2023 20:26	523	0
1573666	10/12/2023 11:47	10/12/2023 13:32	105	0
572882	10/12/2023 11:47	10/12/2023 12:02	15	0
309944	10/12/2023 11:48	10/12/2023 12:03	15	0.01
8621797	10/12/2023 11:48	10/13/2023 0:28	760	0.22
7533405	10/12/2023 11:48	10/12/2023 12:29	41	0
455345	10/12/2023 11:48	10/12/2023 13:23	95	0
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309944	10/12/2023 12:03	10/13/2023 10:00	1316	0
878149	10/12/2023 12:03	10/12/2023 13:48	105	0
237758	10/12/2023 12:03	10/12/2023 14:19	136	0
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237946	10/12/2023 13:20	10/12/2023 13:36	16	0
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455994	10/12/2023 13:20	10/13/2023 9:48	1228	0
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6761269	10/12/2023 14:12	10/12/2023 14:27	15	0
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345647	10/12/2023 14:14	10/12/2023 14:28	14	0
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878149	10/12/2023 14:19	10/13/2023 0:28	609	0
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237758	10/12/2023 14:19	10/12/2023 14:35	16	0
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304295	10/12/2023 14:21	10/12/2023 14:37	16	0

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239705	10/12/2023 14:23	10/12/2023 14:34	11	0
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23566	10/12/2023 14:26	10/13/2023 0:28	602	0
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346288	10/12/2023 14:28	10/12/2023 14:44	16	0
1573666	10/12/2023 14:29	10/13/2023 0:28	599	0
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8950281	10/12/2023 14:31	10/13/2023 0:28	597	0
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314899	10/12/2023 14:41	10/13/2023 0:28	587	0
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1259644	10/12/2023 14:43	10/13/2023 0:28	585	0

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9313875	10/12/2023 14:49	10/13/2023 0:28	579	0
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303510	10/12/2023 14:52	10/12/2023 20:29	337	0
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315345	10/12/2023 14:55	10/12/2023 20:35	340	0
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45637	10/12/2023 14:57	10/12/2023 20:33	336	0.03
25674	10/12/2023 14:58	10/12/2023 20:28	330	0
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23462	10/12/2023 14:59	10/13/2023 0:28	569	0
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41508	10/12/2023 14:59	10/12/2023 20:29	330	0
29848	10/12/2023 15:00	10/13/2023 10:00	1139	0
8766703	10/12/2023 15:01	10/13/2023 0:28	567	0
25066	10/12/2023 15:02	10/12/2023 20:38	336	0
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304345	10/12/2023 15:08	10/12/2023 20:23	315	0
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601397	10/12/2023 15:08	10/13/2023 0:28	560	0
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1282057	10/12/2023 19:30	10/13/2023 10:00	870	0
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1361528	10/12/2023 19:32	10/13/2023 10:00	868	0
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26864	10/12/2023 19:34	10/13/2023 10:00	865.8	0
317797	10/12/2023 19:34	10/13/2023 8:42	788	0
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346967	10/12/2023 19:39	10/13/2023 10:00	860.8	0
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1670039	10/12/2023 19:42	10/13/2023 10:00	857.15	0
1462990	10/12/2023 19:43	10/13/2023 10:00	856.4	0
39139	10/12/2023 19:43	10/13/2023 10:00	856.8	0
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954332	10/12/2023 20:22	10/13/2023 10:00	817	0
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304345	10/12/2023 20:23	10/13/2023 10:00	816	0
1309098	10/12/2023 20:24	10/13/2023 9:53	809	0
569420	10/12/2023 20:25	10/13/2023 10:00	814	0
1434359	10/12/2023 20:25	10/13/2023 10:00	814	0
1343695	10/12/2023 20:26	10/13/2023 10:00	813	0
1332906	10/12/2023 20:27	10/13/2023 10:00	812	0
954637	10/12/2023 20:27	10/13/2023 10:00	812	0
1320619	10/12/2023 20:27	10/13/2023 10:00	812	0
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25674	10/12/2023 20:28	10/13/2023 10:00	811	0
324249	10/12/2023 20:29	10/13/2023 10:00	810	0
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303510	10/12/2023 20:29	10/13/2023 10:00	810	0
41508	10/12/2023 20:29	10/13/2023 10:00	810	0
6761269	10/12/2023 20:29	10/13/2023 10:00	810	0
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324045	10/12/2023 20:35	10/13/2023 10:00	804	0
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1466445	10/13/2023 7:08	10/13/2023 10:00	171.4	0
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1553065	10/13/2023 8:54	10/13/2023 10:00	65.4	0
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1361623	10/13/2023 10:00	10/13/2023 11:10	70	0
997397	10/13/2023 10:00	10/14/2023 10:00	1439	0
317084	10/13/2023 10:00	10/13/2023 19:44	584	0
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854579	10/13/2023 10:00	10/13/2023 11:19	79	0
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264186	10/13/2023 10:00	10/14/2023 10:00	1439	0
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637185	10/13/2023 10:00	10/14/2023 10:00	1439	0
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1516739	10/13/2023 10:07	10/14/2023 0:28	861	0.88
1220897	10/13/2023 10:07	10/13/2023 20:26	619	3.02
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1363588	10/13/2023 10:10	10/13/2023 11:40	90	0
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7937779	10/13/2023 10:13	10/13/2023 14:46	273	0.39
1494722	10/13/2023 10:13	10/14/2023 0:28	855	0.11
664453	10/13/2023 10:13	10/13/2023 20:37	624	0.82
957615	10/13/2023 10:13	10/14/2023 0:28	855	0
1493132	10/13/2023 10:14	10/13/2023 14:47	273	0.42
26864	10/13/2023 10:14	10/13/2023 12:15	121	0
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980398	10/13/2023 10:18	10/13/2023 20:32	614	0.47
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510307	10/13/2023 10:25	10/14/2023 0:28	843	0
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956968	10/13/2023 10:26	10/14/2023 0:28	842	0
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926505	10/13/2023 10:34	10/13/2023 11:17	43	0
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324045	10/13/2023 10:51	10/13/2023 11:07	16	0
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313954	10/13/2023 11:07	10/13/2023 11:23	16	0
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1309133	10/13/2023 11:08	10/13/2023 14:56	228	0

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314564	10/13/2023 11:10	10/13/2023 11:25	15	0.04
313731	10/13/2023 11:10	10/13/2023 11:25	15	0
25066	10/13/2023 11:10	10/13/2023 11:15	5	0
1361623	10/13/2023 11:10	10/14/2023 10:00	1370	0
10371797	10/13/2023 11:10	10/13/2023 11:26	16	0
1093833	10/13/2023 11:10	10/13/2023 14:08	178	0
41784	10/13/2023 11:11	10/13/2023 20:41	570	0
317126	10/13/2023 11:11	10/13/2023 20:55	584	0
41508	10/13/2023 11:11	10/13/2023 20:33	562	3.33
1565246	10/13/2023 11:12	10/13/2023 20:39	567	0
23566	10/13/2023 11:12	10/13/2023 20:33	561	0
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1343695	10/13/2023 11:13	10/13/2023 20:30	557	0
23462	10/13/2023 11:13	10/13/2023 11:29	16	0
25066	10/13/2023 11:15	10/14/2023 0:28	793	0
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1417279	10/13/2023 11:18	10/14/2023 0:28	790	0
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854579	10/13/2023 11:19	10/13/2023 14:33	194	0
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8068454	10/13/2023 11:22	10/13/2023 15:39	257	0.04
313954	10/13/2023 11:23	10/13/2023 20:39	556	0
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1321605	10/13/2023 11:26	10/14/2023 0:28	782	0
314163	10/13/2023 11:27	10/13/2023 20:43	556	0
23462	10/13/2023 11:29	10/14/2023 0:28	779	0

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304295	10/13/2023 11:34	10/13/2023 11:49	15	0
729928	10/13/2023 11:34	10/13/2023 11:48	14	0
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572916	10/13/2023 11:35	10/13/2023 11:50	15	0.01
7533405	10/13/2023 11:35	10/13/2023 11:51	16	0
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1309098	10/13/2023 11:38	10/13/2023 14:41	183	0.76
1508563	10/13/2023 11:38	10/13/2023 12:25	47	0
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1406535	10/13/2023 11:43	10/13/2023 12:56	73	0
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8766703	10/13/2023 11:44	10/13/2023 12:16	32	0
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627289	10/13/2023 11:48	10/13/2023 12:04	16	0
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304295	10/13/2023 11:49	10/13/2023 12:05	16	0
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1434316	10/13/2023 11:50	10/13/2023 12:06	16	0
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624953	10/13/2023 11:51	10/13/2023 12:07	16	0
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627018	10/13/2023 11:52	10/13/2023 12:08	16	0
1190820	10/13/2023 11:53	10/13/2023 13:07	74	0
324045	10/13/2023 11:54	10/13/2023 15:00	186	0

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328113	10/13/2023 11:58	10/13/2023 12:30	32	0
1573666	10/13/2023 12:03	10/13/2023 15:02	179	0
303510	10/13/2023 12:03	10/13/2023 14:56	173	0
729928	10/13/2023 12:04	10/13/2023 15:02	178	0
627289	10/13/2023 12:04	10/14/2023 0:28	744	0
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304295	10/13/2023 12:05	10/13/2023 13:40	95	0
1434359	10/13/2023 12:05	10/14/2023 10:00	1314	0
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8621797	10/13/2023 12:06	10/13/2023 15:57	231	0
860281	10/13/2023 12:07	10/13/2023 16:03	236	0
624953	10/13/2023 12:07	10/14/2023 0:28	741	0
1518000	10/13/2023 12:07	10/13/2023 14:07	120	0
7533405	10/13/2023 12:08	10/13/2023 14:24	136	0.01
1516432	10/13/2023 12:08	10/13/2023 14:25	137	0.13
627018	10/13/2023 12:08	10/13/2023 20:31	503	0
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1362855	10/13/2023 12:11	10/14/2023 10:00	1308	0
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8766703	10/13/2023 12:16	10/13/2023 13:58	102	0
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304295	10/13/2023 14:27	10/13/2023 14:43	16	0
1190820	10/13/2023 14:28	10/13/2023 14:42	14	0
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1363588	10/13/2023 14:38	10/14/2023 0:28	590	0
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1190820	10/13/2023 14:42	10/14/2023 0:28	586	0
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304345	10/13/2023 16:15	10/13/2023 20:33	258	0
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926638	10/13/2023 19:29	10/14/2023 10:00	870.42	0
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317797	10/13/2023 19:33	10/14/2023 10:00	866.8	0
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1553378	10/13/2023 19:40	10/14/2023 10:00	859.4	0
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1584687	10/13/2023 19:41	10/14/2023 10:00	858.4	0
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523489	10/13/2023 19:41	10/14/2023 10:00	858.8	0
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317084	10/13/2023 19:44	10/14/2023 10:00	855.8	0
1466445	10/13/2023 19:44	10/14/2023 8:41	777	0
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11467920	10/13/2023 19:46	10/14/2023 10:00	853.4	0

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319726	10/13/2023 20:24	10/14/2023 10:00	815	0
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793690	10/13/2023 20:37	10/14/2023 10:00	802	0
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793285	10/14/2023 0:28	10/14/2023 10:00	571	0
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1361543	10/14/2023 0:28	10/14/2023 9:30	542	0
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1321605	10/14/2023 0:28	10/14/2023 9:23	535	0
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627289	10/14/2023 0:28	10/14/2023 10:00	571	0
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1358945	10/14/2023 9:29	10/14/2023 10:00	30	0

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854579	10/14/2023 9:48	10/14/2023 10:00	11	0
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1220897	10/14/2023 9:52	10/14/2023 10:00	7	0
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664453	10/14/2023 9:55	10/14/2023 10:00	4	0
1493132	10/14/2023 9:56	10/14/2023 10:00	3	0
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454901	10/14/2023 10:00	10/14/2023 18:48	528	0
8718349	10/14/2023 10:00	10/15/2023 10:00	1439	0
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564357	10/14/2023 10:00	10/15/2023 10:00	1439	0
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1453263	10/14/2023 10:00	10/14/2023 19:02	542	0
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1358893	10/14/2023 10:00	10/14/2023 11:02	62	0
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705447	10/14/2023 10:00	10/15/2023 10:00	1439	0
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997397	10/14/2023 10:00	10/15/2023 10:00	1439	0
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1308096	10/14/2023 10:00	10/15/2023 10:00	1439	0
637185	10/14/2023 10:00	10/15/2023 10:00	1439	0
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1368745	10/14/2023 10:01	10/14/2023 11:46	105	0
267537	10/14/2023 10:01	10/14/2023 17:22	441	0
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1321605	10/14/2023 10:05	10/15/2023 0:28	863	0
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1342473	10/14/2023 10:06	10/15/2023 10:00	1434	0
315509	10/14/2023 10:07	10/14/2023 11:36	89	0
312766	10/14/2023 10:07	10/14/2023 11:41	94	0
1450250	10/14/2023 10:07	10/15/2023 0:28	861	0
1309098	10/14/2023 10:07	10/14/2023 11:51	104	0
1220897	10/14/2023 10:07	10/14/2023 20:01	594	0
9075059	10/14/2023 10:08	10/15/2023 0:28	860	0
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8524544	10/14/2023 12:07	10/14/2023 14:24	137	0
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313011	10/14/2023 12:09	10/14/2023 13:07	58	0
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313011	10/14/2023 13:07	10/14/2023 15:08	121	0
315708	10/14/2023 13:08	10/14/2023 14:38	90	0
315484	10/14/2023 13:09	10/14/2023 14:38	89	0
314163	10/14/2023 13:10	10/14/2023 13:52	42	0
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988954	10/14/2023 18:42	10/15/2023 10:00	917.72	0
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1453263	10/14/2023 19:02	10/15/2023 10:00	897.4	0
1469850	10/14/2023 19:03	10/15/2023 10:00	896.4	0
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308959	10/14/2023 19:12	10/15/2023 8:20	788	0
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980398	10/14/2023 19:54	10/15/2023 10:00	845	0
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1393699	10/15/2023 0:28	10/15/2023 9:26	538	0
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793285	10/15/2023 0:28	10/15/2023 10:00	571	0
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1546695	10/15/2023 0:28	10/15/2023 10:00	571	0
8502011	10/15/2023 0:28	10/15/2023 9:52	564	0
1325831	10/15/2023 0:28	10/15/2023 10:00	571	0
1363588	10/15/2023 0:28	10/15/2023 10:00	571	0
1379121	10/15/2023 0:28	10/15/2023 10:00	571	0
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328113	10/15/2023 0:28	10/15/2023 10:00	571	0
313269	10/15/2023 0:28	10/15/2023 10:00	571	0
8766703	10/15/2023 0:28	10/15/2023 9:30	542	0
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956968	10/15/2023 0:28	10/15/2023 10:00	571	0
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507365	10/15/2023 0:28	10/15/2023 10:00	571	0
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308959	10/15/2023 8:20	10/15/2023 10:00	99.8	0
1670039	10/15/2023 8:32	10/15/2023 10:00	87.15	0
1466445	10/15/2023 8:43	10/15/2023 10:00	76.4	0
1405153	10/15/2023 8:56	10/15/2023 10:00	64	0
317797	10/15/2023 8:57	10/15/2023 10:00	62.8	0
1282057	10/15/2023 8:58	10/15/2023 10:00	62	0
9075059	10/15/2023 9:13	10/15/2023 10:00	46	0
309961	10/15/2023 9:17	10/15/2023 10:00	42	0
1466638	10/15/2023 9:24	10/15/2023 10:00	35	0
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1494722	10/15/2023 9:29	10/15/2023 10:00	30	0
1493132	10/15/2023 9:29	10/15/2023 10:00	30	0
8766703	10/15/2023 9:30	10/15/2023 10:00	29	0
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315345	10/15/2023 9:53	10/15/2023 10:00	6	0.16
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315346	10/15/2023 9:55	10/15/2023 10:00	4	0
317233	10/15/2023 9:55	10/15/2023 10:00	4	0
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1390184	10/15/2023 10:00	10/15/2023 11:36	96	0
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1415828	10/15/2023 10:00	10/15/2023 19:31	571	0.04

1282057	10/15/2023 10:00	10/15/2023 19:28	568	0
564357	10/15/2023 10:00	10/16/2023 10:00	1439	0
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1308096	10/15/2023 10:00	10/16/2023 10:00	1439	0
705447	10/15/2023 10:00	10/16/2023 10:00	1439	0
854579	10/15/2023 10:00	10/15/2023 19:24	564	0
1453263	10/15/2023 10:00	10/15/2023 19:24	564	0
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569142	10/15/2023 10:00	10/15/2023 13:21	201	0
637185	10/15/2023 10:00	10/16/2023 10:00	1439	0
315346	10/15/2023 10:00	10/15/2023 11:40	100	0.1
264186	10/15/2023 10:00	10/16/2023 10:00	1439	0
980398	10/15/2023 10:00	10/15/2023 14:17	257	1.12
8950281	10/15/2023 10:00	10/15/2023 20:40	640	0
1466445	10/15/2023 10:00	10/15/2023 11:41	101	0
51957	10/15/2023 10:00	10/15/2023 20:40	640	0.79
308959	10/15/2023 10:00	10/15/2023 13:35	215	0.08
1466357	10/15/2023 10:00	10/15/2023 11:43	103	0
1361528	10/15/2023 10:00	10/15/2023 19:35	575	0
997397	10/15/2023 10:00	10/16/2023 10:00	1439	0
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8718349	10/15/2023 10:00	10/16/2023 10:00	1439	0
51483	10/15/2023 10:00	10/15/2023 20:32	632	0
46184	10/15/2023 10:00	10/16/2023 10:00	1439	0
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1670039	10/15/2023 10:02	10/15/2023 19:40	578	0
854585	10/15/2023 10:04	10/16/2023 0:28	864	0.38
1466638	10/15/2023 10:06	10/15/2023 20:31	625	0
455994	10/15/2023 10:06	10/15/2023 11:50	104	0
1320008	10/15/2023 10:07	10/15/2023 20:21	614	0.46
552705	10/15/2023 10:07	10/15/2023 13:27	200	0.11
317233	10/15/2023 10:07	10/15/2023 11:41	94	0.06
8148103	10/15/2023 10:08	10/15/2023 11:39	91	0
315306	10/15/2023 10:08	10/15/2023 11:37	89	0.06
664453	10/15/2023 10:08	10/16/2023 0:28	860	0.74
1310926	10/15/2023 10:09	10/15/2023 11:38	89	0
315484	10/15/2023 10:09	10/15/2023 11:38	89	0
1517059	10/15/2023 10:09	10/16/2023 0:28	859	0.29
506261	10/15/2023 10:09	10/16/2023 0:28	859	0.41
315345	10/15/2023 10:09	10/15/2023 11:39	90	0.24
313269	10/15/2023 10:09	10/15/2023 11:38	89	0
1465391	10/15/2023 10:10	10/15/2023 11:40	90	0
1463520	10/15/2023 10:10	10/15/2023 12:16	126	0.31
1321605	10/15/2023 10:10	10/15/2023 20:24	614	1.04
1309098	10/15/2023 10:10	10/15/2023 11:40	90	0
9075059	10/15/2023 10:11	10/15/2023 14:07	236	0.68
8524544	10/15/2023 10:11	10/15/2023 11:40	89	0

552598	10/15/2023 10:11	10/15/2023 13:25	194	0.12
956968	10/15/2023 10:12	10/15/2023 20:26	614	0
8766703	10/15/2023 10:12	10/15/2023 16:14	362	0
316997	10/15/2023 10:12	10/15/2023 11:41	89	0
1565203	10/15/2023 10:13	10/16/2023 0:28	855	0.34
158427	10/15/2023 10:14	10/15/2023 11:42	88	0
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1464949	10/15/2023 10:22	10/15/2023 20:41	619	2.1
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1190820	10/15/2023 10:23	10/15/2023 20:28	605	0.07
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7533405	10/15/2023 10:35	10/15/2023 11:32	57	0
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8387677	10/15/2023 11:21	10/15/2023 11:36	15	0
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317797	10/15/2023 11:39	10/15/2023 12:53	74	0
315509	10/15/2023 11:40	10/15/2023 12:38	58	0
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316997	10/15/2023 11:41	10/15/2023 12:39	58	0.01
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1324907	10/15/2023 11:58	10/15/2023 12:29	31	0
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791510	10/15/2023 12:08	10/16/2023 10:00	1311	0
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1466357	10/15/2023 12:10	10/15/2023 12:25	15	0
259674	10/15/2023 12:13	10/16/2023 10:00	1306	0
423930	10/15/2023 12:14	10/15/2023 13:59	105	0
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315509	10/15/2023 12:38	10/15/2023 14:23	105	0
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315484	10/15/2023 12:41	10/15/2023 14:26	105	0
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588892	10/15/2023 13:02	10/15/2023 14:48	106	0
9063373	10/15/2023 13:03	10/15/2023 20:40	457	0
455994	10/15/2023 13:03	10/15/2023 13:35	32	0
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1394365	10/15/2023 13:04	10/15/2023 20:30	446	0
914462	10/15/2023 13:04	10/15/2023 20:19	435	0.08
1390184	10/15/2023 13:05	10/15/2023 14:50	105	0.26
1320619	10/15/2023 13:07	10/16/2023 10:00	1252	0
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1310926	10/15/2023 13:08	10/15/2023 13:55	47	0.05

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315752	10/15/2023 13:51	10/15/2023 14:07	16	0
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312846	10/15/2023 13:53	10/15/2023 14:08	15	0
313954	10/15/2023 13:53	10/15/2023 14:09	16	0

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312846	10/15/2023 14:08	10/15/2023 14:24	16	0
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313954	10/15/2023 14:25	10/15/2023 14:40	15	0
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498070	10/15/2023 14:37	10/15/2023 20:34	357	0
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455994	10/15/2023 14:49	10/15/2023 15:36	47	0.11
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496500	10/15/2023 14:50	10/16/2023 0:28	578	0
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605186	10/15/2023 14:51	10/15/2023 20:38	347	0.35
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457729	10/15/2023 14:51	10/15/2023 20:40	349	0
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793285	10/15/2023 14:56	10/15/2023 20:27	331	0
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313269	10/15/2023 15:08	10/15/2023 20:39	331	0
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317233	10/15/2023 15:10	10/15/2023 20:31	321	0

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276488	10/15/2023 16:07	10/15/2023 20:40	273	0
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8766703	10/15/2023 16:14	10/15/2023 20:26	252	0
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1554218	10/15/2023 16:17	10/16/2023 0:28	491	0
455994	10/15/2023 16:18	10/15/2023 20:40	262	0
1557303	10/15/2023 16:19	10/15/2023 20:31	252	0
8068454	10/15/2023 16:28	10/15/2023 20:40	252	0
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860281	10/16/2023 0:28	10/16/2023 10:00	571	0
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1554218	10/16/2023 0:28	10/16/2023 10:00	571	0
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449377	10/16/2023 3:55	10/16/2023 9:35	340	0
1466445	10/16/2023 7:10	10/16/2023 10:00	169.4	0
308959	10/16/2023 7:20	10/16/2023 7:46	26	0
308959	10/16/2023 7:46	10/16/2023 10:00	133.8	0
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1553065	10/16/2023 8:39	10/16/2023 10:00	80.4	0
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317797	10/16/2023 8:56	10/16/2023 10:00	63.8	0
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980398	10/16/2023 9:16	10/16/2023 10:00	43	0
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854579	10/16/2023 9:19	10/16/2023 10:00	40	0
70866	10/16/2023 9:21	10/16/2023 10:00	38.8	0
9075059	10/16/2023 9:24	10/16/2023 10:00	35	0
324290	10/16/2023 9:24	10/16/2023 10:00	35	0
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457729	10/16/2023 9:32	10/16/2023 10:00	27	0
456099	10/16/2023 9:33	10/16/2023 10:00	26	0
457978	10/16/2023 9:35	10/16/2023 10:00	24	0
449377	10/16/2023 9:35	10/16/2023 10:00	24	0
1552447	10/16/2023 9:36	10/16/2023 10:00	23.4	0
1247921	10/16/2023 9:36	10/16/2023 10:00	23	0
455629	10/16/2023 9:36	10/16/2023 10:00	23	0
1321605	10/16/2023 9:37	10/16/2023 10:00	22	0
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664453	10/16/2023 9:40	10/16/2023 10:00	19	0
1417138	10/16/2023 9:40	10/16/2023 10:00	19	0
1363588	10/16/2023 9:40	10/16/2023 10:00	19	0
25674	10/16/2023 9:42	10/16/2023 10:00	17	0
1406535	10/16/2023 9:44	10/16/2023 10:00	15	0
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1390184	10/16/2023 9:49	10/16/2023 10:00	10	0

325050	10/16/2023 9:49	10/16/2023 10:00	10	0
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8766703	10/16/2023 9:57	10/16/2023 10:00	2	0
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637185	10/16/2023 10:00	10/17/2023 10:00	1439	0
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605186	10/16/2023 10:06	10/16/2023 11:36	90	0
1310926	10/16/2023 10:07	10/16/2023 11:37	90	0.12
1704326	10/16/2023 10:07	10/16/2023 11:37	90	0
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316997	10/16/2023 10:10	10/16/2023 20:35	625	0
317233	10/16/2023 10:11	10/16/2023 20:24	613	0.13
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25066	10/16/2023 10:12	10/17/2023 0:28	856	0
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8766703	10/16/2023 10:12	10/16/2023 11:42	90	0
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317084	10/16/2023 10:12	10/16/2023 19:36	564	0
664453	10/16/2023 10:12	10/16/2023 20:22	610	0
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1573666	10/16/2023 10:13	10/16/2023 20:24	611	0
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981933	10/16/2023 10:15	10/16/2023 20:19	604	0.27
1538102	10/16/2023 10:15	10/16/2023 11:49	94	0
1466638	10/16/2023 10:15	10/16/2023 14:08	233	0
1406535	10/16/2023 10:16	10/16/2023 14:27	251	0.63
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7879030	10/16/2023 10:17	10/16/2023 20:27	610	0
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265473	10/16/2023 10:18	10/16/2023 14:20	242	0
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1537353	10/16/2023 10:18	10/16/2023 11:47	89	0
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1430838	10/16/2023 10:18	10/16/2023 20:30	612	0
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1320646	10/16/2023 10:23	10/16/2023 20:26	603	0
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1190820	10/16/2023 10:23	10/17/2023 0:28	845	0
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511223	10/16/2023 10:24	10/16/2023 20:30	606	0
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378229	10/16/2023 10:29	10/16/2023 20:35	606	0.4
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1343695	10/16/2023 10:31	10/16/2023 20:24	593	0
70277	10/16/2023 10:33	10/16/2023 20:35	602	0
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262048	10/16/2023 10:45	10/16/2023 11:17	32	0.22
8495802	10/16/2023 10:45	10/16/2023 20:35	590	0
328113	10/16/2023 10:45	10/16/2023 14:33	228	0.46
304345	10/16/2023 10:46	10/16/2023 11:49	63	0
7533405	10/16/2023 10:47	10/16/2023 11:24	37	0
304295	10/16/2023 10:48	10/16/2023 11:51	63	0
1464949	10/16/2023 10:48	10/16/2023 20:38	590	0
266906	10/16/2023 10:49	10/16/2023 14:16	207	0.42
8621797	10/16/2023 10:49	10/16/2023 11:16	27	0.25
324045	10/16/2023 10:49	10/16/2023 14:06	197	0
903630	10/16/2023 10:49	10/16/2023 20:22	573	0
1463218	10/16/2023 10:50	10/16/2023 20:26	576	0
8668965	10/16/2023 10:54	10/16/2023 20:24	570	0.16
658177	10/16/2023 10:55	10/16/2023 11:26	31	0.04

2032900	10/16/2023 10:55	10/16/2023 20:20	565	0
793690	10/16/2023 10:55	10/16/2023 11:37	42	0
1494722	10/16/2023 10:57	10/16/2023 20:24	567	0
1301093	10/16/2023 10:59	10/16/2023 20:23	564	0
1393699	10/16/2023 10:59	10/16/2023 20:19	560	0
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51957	10/16/2023 11:01	10/16/2023 11:32	31	0
9313875	10/16/2023 11:02	10/16/2023 20:24	562	0
1431804	10/16/2023 11:02	10/16/2023 20:32	570	0
54282	10/16/2023 11:02	10/16/2023 20:34	572	0.01
353728	10/16/2023 11:03	10/16/2023 20:35	572	0
1459765	10/16/2023 11:03	10/16/2023 20:22	559	0
8910809	10/16/2023 11:04	10/16/2023 20:31	567	0
55232	10/16/2023 11:04	10/17/2023 10:00	1375	0
190372	10/16/2023 11:05	10/16/2023 20:36	571	0.03
304785	10/16/2023 11:05	10/16/2023 12:42	97	0.02
1432827	10/16/2023 11:05	10/16/2023 20:25	560	0.1
315088	10/16/2023 11:07	10/16/2023 20:30	563	0.12
8590289	10/16/2023 11:07	10/16/2023 20:32	565	0.1
8104722	10/16/2023 11:07	10/16/2023 20:28	561	0.03
304845	10/16/2023 11:07	10/16/2023 12:41	94	0
1421188	10/16/2023 11:08	10/16/2023 20:34	566	0.15
312846	10/16/2023 11:08	10/16/2023 11:24	16	0
656628	10/16/2023 11:08	10/16/2023 20:31	563	0.28
8387677	10/16/2023 11:09	10/16/2023 20:29	560	0
1417279	10/16/2023 11:10	10/16/2023 20:30	560	0
1524033	10/16/2023 11:10	10/16/2023 20:20	550	0
314899	10/16/2023 11:10	10/16/2023 20:30	560	0
975066	10/16/2023 11:11	10/16/2023 11:40	29	0
317126	10/16/2023 11:11	10/16/2023 20:31	560	0
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563721	10/16/2023 11:16	10/16/2023 11:33	17	0
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56164	10/16/2023 11:17	10/17/2023 10:00	1362	0
1394324	10/16/2023 11:18	10/16/2023 20:19	541	0
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1394365	10/16/2023 11:18	10/16/2023 20:18	540	0
54382	10/16/2023 11:19	10/17/2023 10:00	1360	0
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10659831	10/16/2023 11:21	10/16/2023 19:23	482	0
9063373	10/16/2023 11:21	10/16/2023 20:22	541	0
1517059	10/16/2023 11:21	10/16/2023 20:17	536	0.05
1076617	10/16/2023 11:21	10/16/2023 13:52	151	0
1332906	10/16/2023 11:22	10/16/2023 11:38	16	0

8068454	10/16/2023 11:22	10/16/2023 14:18	176	0.44
1516739	10/16/2023 11:23	10/16/2023 20:22	539	0.13
878149	10/16/2023 11:23	10/16/2023 11:39	16	0
313011	10/16/2023 11:24	10/17/2023 10:00	1355	0
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7533405	10/16/2023 11:24	10/16/2023 11:50	26	0
315616	10/16/2023 11:24	10/16/2023 20:35	551	0
312846	10/16/2023 11:24	10/16/2023 20:24	540	0.09
316630	10/16/2023 11:25	10/16/2023 20:36	551	0.12
34833	10/16/2023 11:25	10/17/2023 10:00	1354	0
1417138	10/16/2023 11:25	10/16/2023 15:14	229	0.12
1309133	10/16/2023 11:25	10/17/2023 10:00	1354	0
658177	10/16/2023 11:26	10/16/2023 14:39	193	0.18
41784	10/16/2023 11:27	10/16/2023 14:27	180	0.09
1654064	10/16/2023 11:27	10/16/2023 20:05	518	0
34832	10/16/2023 11:28	10/16/2023 20:34	546	0
29635	10/16/2023 11:28	10/17/2023 10:00	1351	0
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561672	10/16/2023 11:31	10/16/2023 14:48	197	0
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8950281	10/16/2023 11:32	10/16/2023 11:48	16	0
563721	10/16/2023 11:33	10/16/2023 14:48	195	0
449036	10/16/2023 11:34	10/16/2023 14:48	194	0.06
309944	10/16/2023 11:35	10/16/2023 11:51	16	0.11
1446785	10/16/2023 11:35	10/16/2023 12:22	47	0
854579	10/16/2023 11:35	10/16/2023 11:51	16	0
601397	10/16/2023 11:36	10/16/2023 12:08	32	0
605186	10/16/2023 11:36	10/16/2023 12:07	31	0
1247921	10/16/2023 11:36	10/16/2023 12:24	48	0
308032	10/16/2023 11:37	10/16/2023 11:53	16	0
1310926	10/16/2023 11:37	10/16/2023 14:53	196	0
1704326	10/16/2023 11:37	10/16/2023 11:52	15	0
854585	10/16/2023 11:37	10/16/2023 11:47	10	0.07
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605186	10/16/2023 14:06	10/16/2023 14:22	16	0
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1466638	10/16/2023 14:08	10/16/2023 14:23	15	0
1362130	10/16/2023 14:08	10/16/2023 14:24	16	0
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605186	10/16/2023 14:22	10/16/2023 14:38	16	0
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8511623	10/16/2023 14:25	10/16/2023 14:57	32	0
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1375642	10/16/2023 14:30	10/16/2023 14:46	16	0
1591422	10/16/2023 14:30	10/16/2023 14:46	16	0

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469018	10/16/2023 14:35	10/16/2023 15:02	27	0
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314564	10/16/2023 14:39	10/16/2023 20:25	346	0.01
1466638	10/16/2023 14:39	10/16/2023 20:26	347	0
793690	10/16/2023 14:39	10/16/2023 20:25	346	0
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980398	10/16/2023 20:30	10/17/2023 9:18	768	0
558031	10/16/2023 20:30	10/17/2023 10:00	809	0
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627289	10/16/2023 20:30	10/17/2023 10:00	809	0
1406535	10/16/2023 20:30	10/17/2023 7:59	689	0
1463520	10/16/2023 20:30	10/17/2023 10:00	809	0
315088	10/16/2023 20:30	10/17/2023 9:42	792	0
328113	10/16/2023 20:30	10/17/2023 10:00	809	0
314899	10/16/2023 20:30	10/17/2023 9:37	787	0
1430553	10/16/2023 20:30	10/17/2023 9:32	782	0
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8524544	10/16/2023 20:30	10/17/2023 10:00	809	0
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23566	10/16/2023 20:31	10/17/2023 10:00	808	0
1537541	10/16/2023 20:31	10/17/2023 10:00	808	0
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1465703	10/16/2023 20:31	10/17/2023 10:00	808	0
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1537447	10/16/2023 20:32	10/17/2023 10:00	807	0
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469018	10/16/2023 20:32	10/17/2023 10:00	807	0
45637	10/16/2023 20:33	10/17/2023 9:26	773	0
975066	10/16/2023 20:33	10/17/2023 10:00	806	0
1591422	10/16/2023 20:33	10/17/2023 10:00	806	0
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1565203	10/16/2023 21:02	10/17/2023 8:15	673	0
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1433697	10/16/2023 21:04	10/17/2023 9:13	729	0
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7533405	10/16/2023 21:22	10/17/2023 10:00	757	0
313731	10/16/2023 21:34	10/17/2023 10:00	745	0
8604423	10/16/2023 21:38	10/16/2023 22:47	69	0
449377	10/16/2023 21:48	10/17/2023 5:07	439	0
8604423	10/16/2023 22:47	10/16/2023 22:57	10	0
8604423	10/16/2023 22:57	10/17/2023 5:40	403	0
315752	10/17/2023 0:28	10/17/2023 10:00	571	0
309233	10/17/2023 0:28	10/17/2023 10:00	571	0
41508	10/17/2023 0:28	10/17/2023 10:00	571	0
303510	10/17/2023 0:28	10/17/2023 10:00	571	0
1493132	10/17/2023 0:28	10/17/2023 9:16	528	0
25066	10/17/2023 0:28	10/17/2023 10:00	571	0
1320619	10/17/2023 0:28	10/17/2023 10:00	571	0
315345	10/17/2023 0:28	10/17/2023 9:39	551	0
324249	10/17/2023 0:28	10/17/2023 10:00	571	0
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275018	10/17/2023 0:28	10/17/2023 10:00	571	0
1321750	10/17/2023 0:28	10/17/2023 10:00	571	0
1390184	10/17/2023 0:28	10/17/2023 9:47	559	0
1309098	10/17/2023 0:28	10/17/2023 10:00	571	0
265473	10/17/2023 0:28	10/17/2023 10:00	571	0
304265	10/17/2023 0:28	10/17/2023 10:00	571	0
1190820	10/17/2023 0:28	10/17/2023 10:00	571	0
1538299	10/17/2023 0:28	10/17/2023 10:00	571	0
381982	10/17/2023 0:28	10/17/2023 9:57	569	0
1332906	10/17/2023 0:28	10/17/2023 10:00	571	0
315306	10/17/2023 0:28	10/17/2023 10:00	571	0
188639	10/17/2023 0:29	10/17/2023 10:00	570	0

449377	10/17/2023 5:07	10/17/2023 9:04	237	0
8604423	10/17/2023 5:40	10/17/2023 7:41	121	0
1466445	10/17/2023 7:13	10/17/2023 7:24	11	0
308959	10/17/2023 7:17	10/17/2023 10:00	162.8	0
1466445	10/17/2023 7:24	10/17/2023 10:00	155.4	0
1405290	10/17/2023 7:28	10/17/2023 10:00	152	0
8604423	10/17/2023 7:41	10/17/2023 10:00	138	0
1406535	10/17/2023 7:59	10/17/2023 10:00	120	0
1465391	10/17/2023 8:12	10/17/2023 8:28	16	0
1565203	10/17/2023 8:15	10/17/2023 10:00	104	0
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324290	10/17/2023 8:21	10/17/2023 10:00	98	0
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309961	10/17/2023 8:23	10/17/2023 10:00	96	0
1465391	10/17/2023 8:28	10/17/2023 10:00	91	0
1361528	10/17/2023 8:38	10/17/2023 10:00	82	0
10510361	10/17/2023 8:39	10/17/2023 10:00	80.8	0
523489	10/17/2023 8:39	10/17/2023 10:00	80.8	0.12
317084	10/17/2023 8:40	10/17/2023 10:00	79.8	0
317797	10/17/2023 8:43	10/17/2023 10:00	76.8	0
1704326	10/17/2023 8:51	10/17/2023 10:00	68	0
1432940	10/17/2023 8:54	10/17/2023 10:00	65	0
8511623	10/17/2023 8:56	10/17/2023 10:00	63	0
189581	10/17/2023 8:56	10/17/2023 9:43	47	0
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262048	10/17/2023 9:01	10/17/2023 10:00	58.8	0
449377	10/17/2023 9:04	10/17/2023 10:00	55	0
325050	10/17/2023 9:05	10/17/2023 9:54	49	0
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1493132	10/17/2023 9:16	10/17/2023 10:00	43	0
980398	10/17/2023 9:18	10/17/2023 10:00	41	0.17
29848	10/17/2023 9:24	10/17/2023 9:54	30	0
24124	10/17/2023 9:25	10/17/2023 10:00	34	0
27852	10/17/2023 9:25	10/17/2023 10:00	34	0
569142	10/17/2023 9:25	10/17/2023 10:00	34.15	0
29748	10/17/2023 9:26	10/17/2023 10:00	33	0
45637	10/17/2023 9:26	10/17/2023 10:00	33	0.06
27483	10/17/2023 9:29	10/17/2023 9:55	26	0
1433697	10/17/2023 9:29	10/17/2023 10:00	30.2	0
41784	10/17/2023 9:29	10/17/2023 10:00	30	0
854579	10/17/2023 9:29	10/17/2023 10:00	30	0
26864	10/17/2023 9:31	10/17/2023 10:00	28.8	0
304785	10/17/2023 9:31	10/17/2023 10:00	28.8	0

1430838	10/17/2023 9:31	10/17/2023 10:00	28	0
1417138	10/17/2023 9:32	10/17/2023 10:00	27	0
1430553	10/17/2023 9:32	10/17/2023 10:00	27	0
304845	10/17/2023 9:33	10/17/2023 10:00	26.8	0
281332	10/17/2023 9:33	10/17/2023 10:00	26.8	0
314899	10/17/2023 9:37	10/17/2023 10:00	22	0
317233	10/17/2023 9:38	10/17/2023 10:00	21	0
315346	10/17/2023 9:38	10/17/2023 10:00	21	0
8104722	10/17/2023 9:38	10/17/2023 10:00	21	0
1363588	10/17/2023 9:38	10/17/2023 10:00	21	0
1362130	10/17/2023 9:39	10/17/2023 10:00	20	0
315345	10/17/2023 9:39	10/17/2023 10:00	20	0
1321605	10/17/2023 9:39	10/17/2023 10:00	20	0
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315088	10/17/2023 9:42	10/17/2023 10:00	17	0
189581	10/17/2023 9:43	10/17/2023 10:00	16.8	0
1390184	10/17/2023 9:47	10/17/2023 10:00	12	0
793638	10/17/2023 9:51	10/17/2023 10:00	8	0
325050	10/17/2023 9:54	10/17/2023 10:00	5	0
6995795	10/17/2023 9:54	10/17/2023 10:00	5	0
29848	10/17/2023 9:54	10/17/2023 10:00	5	0
1320008	10/17/2023 9:54	10/17/2023 10:00	5	0
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27483	10/17/2023 9:55	10/17/2023 10:00	4	0
7879030	10/17/2023 9:56	10/17/2023 10:00	3	0
8910809	10/17/2023 9:56	10/17/2023 10:00	3	0
664453	10/17/2023 9:57	10/17/2023 10:00	2	0
854585	10/17/2023 9:57	10/17/2023 10:00	2	0
380057	10/17/2023 9:57	10/17/2023 10:00	2	0
381982	10/17/2023 9:57	10/17/2023 10:00	2	0
1565246	10/17/2023 9:58	10/17/2023 10:00	1	0
28509	10/17/2023 9:58	10/17/2023 10:00	1	0
8766703	10/17/2023 9:59	10/17/2023 10:00	0	0
304295	10/17/2023 9:59	10/17/2023 10:00	0	0
1416360	10/17/2023 10:00	10/17/2023 19:32	572	0
317797	10/17/2023 10:00	10/17/2023 13:26	206	0
70866	10/17/2023 10:00	10/17/2023 19:22	562	0
304845	10/17/2023 10:00	10/18/2023 10:00	1439.8	0
637185	10/17/2023 10:00	10/18/2023 10:00	1439	0
1513911	10/17/2023 10:00	10/17/2023 11:00	60	0
304785	10/17/2023 10:00	10/18/2023 10:00	1439.8	0.05
1567514	10/17/2023 10:00	10/17/2023 14:29	269	0
1308096	10/17/2023 10:00	10/18/2023 10:00	1439	0
308959	10/17/2023 10:00	10/17/2023 19:27	567	0.07
342796	10/17/2023 10:00	10/17/2023 13:43	223	0.05
11467920	10/17/2023 10:00	10/17/2023 11:04	64	0.22
1553065	10/17/2023 10:00	10/17/2023 19:29	569	0.08

10510361	10/17/2023 10:00	10/17/2023 13:28	208	0.2
1466445	10/17/2023 10:00	10/17/2023 19:33	573	0
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346967	10/17/2023 10:00	10/17/2023 13:43	223	0
41784	10/17/2023 10:00	10/17/2023 11:46	106	0
46184	10/17/2023 10:00	10/18/2023 10:00	1439	0
1624452	10/17/2023 10:00	10/17/2023 11:45	105	0
1433697	10/17/2023 10:00	10/17/2023 11:22	82	0
705447	10/17/2023 10:00	10/18/2023 10:00	1439	0
1417138	10/17/2023 10:00	10/17/2023 20:34	634	0.34
353371	10/17/2023 10:00	10/17/2023 19:32	572	0.02
281332	10/17/2023 10:00	10/17/2023 19:26	566	0
264186	10/17/2023 10:00	10/18/2023 10:00	1439	0
569142	10/17/2023 10:00	10/17/2023 19:34	574	0
1513959	10/17/2023 10:00	10/17/2023 11:00	60	0
1415828	10/17/2023 10:00	10/17/2023 19:28	568	0
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189581	10/17/2023 10:00	10/17/2023 13:44	224	0
1453263	10/17/2023 10:00	10/17/2023 12:07	127	0
1573666	10/17/2023 10:00	10/17/2023 13:47	227	0
317084	10/17/2023 10:00	10/17/2023 13:23	203	0
26864	10/17/2023 10:00	10/17/2023 13:11	191	0
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523489	10/17/2023 10:00	10/17/2023 13:24	204	0.09
1430294	10/17/2023 10:00	10/17/2023 14:17	257	0
267537	10/17/2023 10:00	10/17/2023 13:32	212	0.02
353651	10/17/2023 10:00	10/17/2023 11:01	61	0
571143	10/17/2023 10:00	10/17/2023 19:22	562	0.49
1020565	10/17/2023 10:00	10/17/2023 19:18	558	0.31
8718349	10/17/2023 10:00	10/18/2023 10:00	1439	0
1466357	10/17/2023 10:00	10/17/2023 19:26	566	0
1390184	10/17/2023 10:00	10/17/2023 14:36	276	0.47
1363255	10/17/2023 10:00	10/18/2023 10:00	1440	0
997397	10/17/2023 10:00	10/18/2023 10:00	1439	0
1405290	10/17/2023 10:00	10/17/2023 19:32	572	0.05
564357	10/17/2023 10:00	10/18/2023 10:00	1439	0
1576533	10/17/2023 10:01	10/17/2023 13:47	226	0
988954	10/17/2023 10:03	10/17/2023 19:20	557	0
454901	10/17/2023 10:04	10/17/2023 19:31	567	0.59
496500	10/17/2023 10:07	10/17/2023 20:26	619	0
9075059	10/17/2023 10:07	10/17/2023 20:26	619	0.44
605186	10/17/2023 10:07	10/17/2023 14:19	252	0.48
317233	10/17/2023 10:08	10/17/2023 14:28	260	0.02
793638	10/17/2023 10:08	10/17/2023 14:09	241	0.74
315346	10/17/2023 10:09	10/17/2023 14:28	259	0
1310926	10/17/2023 10:09	10/17/2023 14:24	255	0.22
1463520	10/17/2023 10:09	10/17/2023 20:29	620	0.22

1465391	10/17/2023 10:09	10/17/2023 20:29	620	0
325050	10/17/2023 10:09	10/17/2023 11:09	60	0
664453	10/17/2023 10:09	10/17/2023 20:12	603	0
1552154	10/17/2023 10:09	10/17/2023 20:34	625	0.2
1309098	10/17/2023 10:10	10/17/2023 14:25	255	0.38
1320008	10/17/2023 10:10	10/18/2023 0:28	858	0.43
8511623	10/17/2023 10:10	10/17/2023 20:29	619	0
1704326	10/17/2023 10:10	10/17/2023 20:29	619	0
6995795	10/17/2023 10:10	10/17/2023 11:56	106	0.07
1361528	10/17/2023 10:10	10/17/2023 19:33	563	0
315345	10/17/2023 10:11	10/17/2023 14:23	252	0
27483	10/17/2023 10:11	10/17/2023 14:44	273	0
29848	10/17/2023 10:11	10/17/2023 14:45	274	0
1565203	10/17/2023 10:11	10/17/2023 14:28	257	0
1432509	10/17/2023 10:11	10/17/2023 20:30	619	0
553863	10/17/2023 10:11	10/17/2023 20:27	616	0.49
41508	10/17/2023 10:11	10/17/2023 11:40	89	0
7879030	10/17/2023 10:11	10/17/2023 11:56	105	0
6761269	10/17/2023 10:11	10/17/2023 11:40	89	0
8910809	10/17/2023 10:12	10/17/2023 11:57	105	0
8734029	10/17/2023 10:12	10/17/2023 20:35	623	0.35
1434550	10/17/2023 10:12	10/17/2023 20:26	614	0
345647	10/17/2023 10:12	10/17/2023 11:42	90	0
1700586	10/17/2023 10:13	10/17/2023 20:22	609	0
45637	10/17/2023 10:13	10/17/2023 11:42	89	0
24124	10/17/2023 10:13	10/17/2023 11:41	88	0
381982	10/17/2023 10:13	10/17/2023 11:58	105	0
957615	10/17/2023 10:14	10/18/2023 0:28	854	0
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8766703	10/17/2023 10:15	10/17/2023 11:44	89	0
309233	10/17/2023 10:16	10/17/2023 20:17	601	0.04
449036	10/17/2023 10:16	10/17/2023 20:30	614	0.42
68308	10/17/2023 10:16	10/17/2023 15:05	289	0
8950281	10/17/2023 10:17	10/17/2023 11:46	89	0
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572882	10/17/2023 10:18	10/17/2023 11:32	74	0
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274125	10/17/2023 10:19	10/18/2023 0:28	849	0
1430553	10/17/2023 10:19	10/17/2023 14:20	241	0.12
469018	10/17/2023 10:19	10/18/2023 0:28	849	0.13
8068454	10/17/2023 10:20	10/17/2023 11:17	57	0
572916	10/17/2023 10:20	10/17/2023 11:35	75	0.44
51483	10/17/2023 10:20	10/17/2023 11:49	89	0
499998	10/17/2023 10:20	10/17/2023 20:34	614	0.11

1321750	10/17/2023 10:21	10/18/2023 0:28	847	0.41
790670	10/17/2023 10:21	10/17/2023 14:07	226	0.02
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1432940	10/17/2023 10:23	10/18/2023 0:28	845	0
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6714863	10/17/2023 10:24	10/17/2023 14:10	226	0.57
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954332	10/17/2023 10:27	10/17/2023 20:20	593	0
954637	10/17/2023 10:27	10/17/2023 20:15	588	0.27
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1565246	10/17/2023 10:30	10/17/2023 20:27	597	0
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980398	10/17/2023 10:31	10/17/2023 20:19	588	1.01
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509102	10/17/2023 10:35	10/17/2023 20:28	593	0
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2032900	10/17/2023 10:37	10/17/2023 20:20	583	0
511266	10/17/2023 10:37	10/17/2023 20:30	593	0
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304295	10/17/2023 10:46	10/17/2023 11:33	47	0
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454861	10/17/2023 11:03	10/17/2023 21:00	597	0.26
506261	10/17/2023 11:03	10/17/2023 20:30	567	0.6
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11467920	10/17/2023 11:04	10/17/2023 11:15	11	0.2
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456099	10/17/2023 11:07	10/17/2023 20:23	556	0
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656628	10/17/2023 11:12	10/17/2023 20:28	556	0.12
1393633	10/17/2023 11:13	10/17/2023 14:12	179	0.12
34887	10/17/2023 11:14	10/17/2023 11:45	31	0
35442	10/17/2023 11:14	10/17/2023 11:46	32	0
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265473	10/17/2023 11:16	10/17/2023 14:35	199	0
23566	10/17/2023 11:16	10/17/2023 11:42	26	0
1513959	10/17/2023 11:16	10/18/2023 10:00	1363.4	0
8068454	10/17/2023 11:17	10/17/2023 14:21	184	0.36
729928	10/17/2023 11:17	10/17/2023 11:33	16	0
9063373	10/17/2023 11:18	10/17/2023 14:36	198	0
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569554	10/17/2023 11:21	10/17/2023 20:32	551	0.11
9399863	10/17/2023 11:21	10/17/2023 20:32	551	0.04
1394365	10/17/2023 11:21	10/17/2023 14:37	196	0.02
1466638	10/17/2023 11:22	10/17/2023 20:22	540	0
1433697	10/17/2023 11:22	10/17/2023 11:29	7	0
455994	10/17/2023 11:22	10/18/2023 0:28	786	0.84
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280780	10/17/2023 11:24	10/17/2023 11:39	15	0
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315616	10/17/2023 11:25	10/17/2023 14:24	179	0.07
317126	10/17/2023 11:25	10/17/2023 14:27	182	0
312846	10/17/2023 11:25	10/17/2023 14:23	178	0
1436095	10/17/2023 11:25	10/17/2023 20:31	546	0.11
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1027720	10/17/2023 11:27	10/17/2023 11:42	15	0
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572882	10/17/2023 11:32	10/17/2023 11:47	15	0.02
1599629	10/17/2023 11:33	10/17/2023 13:18	105	0
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280780	10/17/2023 11:39	10/17/2023 20:24	525	0
6761269	10/17/2023 11:40	10/17/2023 14:44	184	0.22
1511532	10/17/2023 11:40	10/17/2023 11:56	16	0
1452193	10/17/2023 11:40	10/17/2023 11:56	16	0
41508	10/17/2023 11:40	10/17/2023 14:12	152	0
24124	10/17/2023 11:41	10/17/2023 20:31	530	0
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23566	10/17/2023 11:42	10/17/2023 14:41	179	0
345647	10/17/2023 11:42	10/17/2023 14:41	179	0
45637	10/17/2023 11:42	10/17/2023 14:14	152	0
25066	10/17/2023 11:43	10/17/2023 14:15	152	0
346288	10/17/2023 11:44	10/17/2023 14:42	178	0
23462	10/17/2023 11:44	10/17/2023 14:27	163	0
8766703	10/17/2023 11:44	10/17/2023 20:22	518	0
1624452	10/17/2023 11:45	10/17/2023 12:16	31	0
34887	10/17/2023 11:45	10/17/2023 14:44	179	0
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41784	10/17/2023 11:46	10/17/2023 14:14	148	0
35442	10/17/2023 11:46	10/17/2023 14:44	178	0
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1343695	10/17/2023 11:47	10/17/2023 20:16	509	0
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729928	10/17/2023 11:48	10/17/2023 12:04	16	0
56196	10/17/2023 11:49	10/17/2023 12:31	42	0
304295	10/17/2023 11:49	10/17/2023 12:05	16	0
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51483	10/17/2023 11:49	10/17/2023 12:31	42	0
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572916	10/17/2023 11:50	10/17/2023 12:06	16	0
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7533405	10/17/2023 11:52	10/17/2023 12:08	16	0
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903630	10/17/2023 11:55	10/17/2023 14:07	132	0.02
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6995795	10/17/2023 11:56	10/17/2023 12:43	47	0
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1511532	10/17/2023 11:56	10/17/2023 14:23	147	0.04

380057	10/17/2023 11:57	10/17/2023 12:45	48	0
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8910809	10/17/2023 11:57	10/17/2023 12:39	42	0
381982	10/17/2023 11:58	10/17/2023 12:40	42	0
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572882	10/17/2023 12:03	10/17/2023 14:19	136	0.05
6564583	10/17/2023 12:03	10/18/2023 10:00	1316	0
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729928	10/17/2023 12:04	10/17/2023 13:18	74	0
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572916	10/17/2023 12:06	10/17/2023 14:20	134	0.05
1453263	10/17/2023 12:07	10/17/2023 13:36	89	0
7533405	10/17/2023 12:08	10/17/2023 14:09	121	0
8621797	10/17/2023 12:09	10/17/2023 14:42	153	0
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1624452	10/17/2023 12:16	10/17/2023 14:01	105	0
1431804	10/17/2023 12:19	10/18/2023 10:00	1300	0
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627018	10/17/2023 12:23	10/18/2023 10:00	1296	0
916441	10/17/2023 12:24	10/17/2023 14:19	115	0
914462	10/17/2023 12:24	10/17/2023 14:20	116	0.01
11120838	10/17/2023 12:25	10/17/2023 19:31	426	0
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53030	10/17/2023 12:31	10/18/2023 10:00	1288	0
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51483	10/17/2023 12:31	10/17/2023 14:01	90	0
54382	10/17/2023 12:32	10/18/2023 10:00	1287	0
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55854	10/17/2023 12:32	10/18/2023 10:00	1287	0
8950281	10/17/2023 12:33	10/17/2023 14:03	90	0
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56164	10/17/2023 12:34	10/18/2023 10:00	1285	0
8910809	10/17/2023 12:39	10/17/2023 12:55	16	0
381982	10/17/2023 12:40	10/17/2023 12:56	16	0
7879030	10/17/2023 12:40	10/17/2023 12:55	15	0
1433697	10/17/2023 12:42	10/17/2023 20:21	459	0.06
6995795	10/17/2023 12:43	10/17/2023 12:59	16	0
380057	10/17/2023 12:45	10/17/2023 12:55	10	0
1462990	10/17/2023 12:50	10/18/2023 10:00	1269.4	0

8910809	10/17/2023 12:55	10/17/2023 13:26	31	0
380057	10/17/2023 12:55	10/17/2023 13:27	32	0
7879030	10/17/2023 12:55	10/17/2023 13:26	31	0
381982	10/17/2023 12:56	10/17/2023 13:27	31	0
6995795	10/17/2023 12:59	10/17/2023 13:25	26	0.06
1538577	10/17/2023 13:02	10/17/2023 13:32	30	0
926638	10/17/2023 13:03	10/18/2023 10:00	1256.42	0
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26864	10/17/2023 13:11	10/17/2023 13:27	16	0
1451744	10/17/2023 13:11	10/17/2023 14:08	57	0
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729928	10/17/2023 13:18	10/17/2023 14:05	47	0
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317084	10/17/2023 13:23	10/17/2023 13:39	16	0
523489	10/17/2023 13:24	10/17/2023 13:40	16	0
6995795	10/17/2023 13:25	10/17/2023 14:12	47	0
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324290	10/17/2023 16:24	10/17/2023 20:20	236	0
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489481	10/17/2023 17:07	10/17/2023 20:32	205	0
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988954	10/17/2023 19:20	10/18/2023 10:00	879.72	0
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1421188	10/17/2023 20:33	10/18/2023 10:00	806	0

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304295	10/17/2023 20:38	10/18/2023 10:00	801	0
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66685	10/17/2023 20:58	10/18/2023 10:00	781	0
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1393699	10/18/2023 0:28	10/18/2023 10:00	571	0
25066	10/18/2023 0:28	10/18/2023 10:00	571	0
23462	10/18/2023 0:28	10/18/2023 10:00	571	0
1494722	10/18/2023 0:28	10/18/2023 10:00	571	0

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317233	10/18/2023 0:28	10/18/2023 9:38	550	0
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1321605	10/18/2023 10:10	10/19/2023 0:28	858	0
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6995795	10/18/2023 10:14	10/19/2023 0:28	854	0.11
957615	10/18/2023 10:14	10/18/2023 14:15	241	0
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324249	10/18/2023 10:53	10/19/2023 0:28	815	0
1093833	10/18/2023 10:54	10/19/2023 0:28	814	0
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325050	10/18/2023 10:54	10/18/2023 14:24	210	0
323657	10/18/2023 10:54	10/19/2023 0:28	814	0
324045	10/18/2023 10:55	10/18/2023 14:23	208	0
29635	10/18/2023 10:55	10/19/2023 0:28	813	0
1301093	10/18/2023 10:57	10/19/2023 0:28	811	0.11
378229	10/18/2023 10:58	10/19/2023 0:28	810	1.39
25066	10/18/2023 10:58	10/18/2023 11:46	48	0
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190372	10/18/2023 11:01	10/19/2023 0:28	807	0
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303510	10/18/2023 11:01	10/18/2023 11:33	32	0
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304345	10/18/2023 11:03	10/18/2023 11:34	31	0
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623612	10/18/2023 11:04	10/18/2023 19:32	508	0
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627289	10/18/2023 11:20	10/18/2023 11:52	32	0
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29848	10/18/2023 11:45	10/19/2023 0:28	763	0
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7533405	10/18/2023 11:52	10/18/2023 12:07	15	0
627289	10/18/2023 11:52	10/18/2023 14:35	163	0.02
6168330	10/18/2023 11:52	10/18/2023 12:18	26	0
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239705	10/18/2023 12:12	10/19/2023 0:28	736	0
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1282057	10/18/2023 13:16	10/18/2023 15:01	105	0
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1400258	10/18/2023 13:28	10/18/2023 13:44	16	0
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523489	10/18/2023 15:39	10/18/2023 15:40	1	0
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304345	10/19/2023 0:28	10/19/2023 10:00	571	0
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1343695	10/19/2023 0:28	10/19/2023 10:00	571	0
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323657	10/19/2023 0:28	10/19/2023 9:50	562	0
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1309133	10/19/2023 0:28	10/19/2023 10:00	571	0
627018	10/19/2023 0:28	10/19/2023 10:00	571	0
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29635	10/19/2023 0:28	10/19/2023 10:00	571	0
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800590	10/19/2023 0:28	10/19/2023 10:00	571	0
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274125	10/19/2023 0:28	10/19/2023 10:00	571	0
1393699	10/19/2023 0:28	10/19/2023 9:14	526	0
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391316	10/19/2023 0:28	10/19/2023 10:00	571	0
455345	10/19/2023 0:28	10/19/2023 9:32	544	0
4173986	10/19/2023 0:28	10/19/2023 10:00	571	0

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791510	10/19/2023 0:28	10/19/2023 10:00	571	0
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51483	10/19/2023 0:28	10/19/2023 8:16	468	0
854579	10/19/2023 0:28	10/19/2023 9:32	544	0
1430838	10/19/2023 0:28	10/19/2023 9:33	545	0
457729	10/19/2023 0:28	10/19/2023 9:35	547	0
8621797	10/19/2023 0:28	10/19/2023 10:00	571	0
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378789	10/19/2023 0:36	10/19/2023 10:00	563	0
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1466445	10/19/2023 7:08	10/19/2023 10:00	171.4	0
1664763	10/19/2023 7:19	10/19/2023 9:53	154	0
308959	10/19/2023 7:20	10/19/2023 10:00	159.8	0
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309961	10/19/2023 8:17	10/19/2023 10:00	102	0
8950281	10/19/2023 8:18	10/19/2023 10:00	101	0
45637	10/19/2023 8:25	10/19/2023 10:00	94	0
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454901	10/19/2023 8:32	10/19/2023 10:00	87.15	0
26864	10/19/2023 8:41	10/19/2023 10:00	78.8	0
1406535	10/19/2023 8:43	10/19/2023 10:00	76	0
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317797	10/19/2023 8:55	10/19/2023 10:00	64.8	0
8511623	10/19/2023 8:56	10/19/2023 10:00	63	0
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1393699	10/19/2023 9:14	10/19/2023 10:00	45	0
980398	10/19/2023 9:15	10/19/2023 10:00	44	0
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27483	10/19/2023 9:29	10/19/2023 10:00	30	0
1624452	10/19/2023 9:29	10/19/2023 10:00	30	0
28509	10/19/2023 9:29	10/19/2023 10:00	30	0
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457978	10/19/2023 9:35	10/19/2023 10:00	24	0
454861	10/19/2023 9:36	10/19/2023 10:00	23	0
325050	10/19/2023 9:39	10/19/2023 10:00	20	0
664453	10/19/2023 9:39	10/19/2023 10:00	20	0
571143	10/19/2023 9:41	10/19/2023 10:00	18.15	0
1573666	10/19/2023 9:42	10/19/2023 10:00	17	0
732691	10/19/2023 9:48	10/19/2023 10:00	11.42	0
561672	10/19/2023 9:50	10/19/2023 10:00	9	0

323657	10/19/2023 9:50	10/19/2023 10:00	9	0
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304785	10/19/2023 11:05	10/19/2023 14:30	205	0.05

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69207	10/19/2023 20:29	10/20/2023 9:31	782	0
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315509	10/19/2023 20:29	10/20/2023 10:00	810	0
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26864	10/20/2023 8:13	10/20/2023 8:55	42	0

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317797	10/20/2023 8:38	10/20/2023 10:00	81.8	0
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308959	10/20/2023 8:47	10/20/2023 10:00	72.8	0
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1361528	10/20/2023 8:54	10/20/2023 10:00	66	0
26864	10/20/2023 8:55	10/20/2023 10:00	64.8	0
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319279	10/20/2023 9:51	10/20/2023 10:00	8.8	0
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790670	10/20/2023 10:00	10/20/2023 20:13	613	0.02
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317797	10/20/2023 10:00	10/20/2023 19:19	559	0
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1320008	10/20/2023 10:10	10/20/2023 20:13	603	0.09
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29848	10/20/2023 10:10	10/21/2023 10:00	1429	0
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1019446	10/20/2023 10:15	10/20/2023 11:45	90	0
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1430553	10/20/2023 10:15	10/20/2023 20:16	601	0
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455345	10/20/2023 11:36	10/20/2023 11:52	16	0
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1019446	10/20/2023 12:01	10/20/2023 12:16	15	0
980398	10/20/2023 12:02	10/20/2023 12:33	31	0
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325050	10/20/2023 12:24	10/20/2023 13:54	90	0
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1526024	10/20/2023 12:48	10/20/2023 13:29	41	0
51483	10/20/2023 12:48	10/20/2023 14:01	73	0
8621797	10/20/2023 12:49	10/20/2023 13:46	57	0
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9075059	10/20/2023 13:00	10/20/2023 14:18	78	0
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656628	10/20/2023 14:38	10/20/2023 20:20	342	0.23
1463520	10/20/2023 14:38	10/20/2023 20:09	331	0
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455994	10/22/2023 10:00	10/22/2023 14:18	258	0.6
1466357	10/22/2023 10:00	10/22/2023 13:23	203	0
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705447	10/22/2023 10:00	10/23/2023 10:00	1439	0
1466445	10/22/2023 10:00	10/22/2023 13:24	204	0
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1415828	10/22/2023 10:00	10/22/2023 19:20	560	0
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308959	10/22/2023 10:00	10/22/2023 13:17	197	0.84
569142	10/22/2023 10:00	10/22/2023 19:29	569	0
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267537	10/22/2023 10:02	10/22/2023 13:33	211	0.79
1310926	10/22/2023 10:06	10/22/2023 11:41	95	0

323657	10/22/2023 10:07	10/22/2023 11:36	89	0
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324290	10/22/2023 10:07	10/22/2023 11:20	73	0
315484	10/22/2023 10:07	10/22/2023 14:08	241	0
380057	10/22/2023 10:07	10/22/2023 11:42	95	0
8524544	10/22/2023 10:07	10/22/2023 14:09	242	0.2
325050	10/22/2023 10:07	10/22/2023 11:23	76	0
324249	10/22/2023 10:07	10/22/2023 11:39	92	0.51
315509	10/22/2023 10:07	10/22/2023 14:08	241	0.75
323747	10/22/2023 10:07	10/22/2023 11:42	95	0.14
315345	10/22/2023 10:08	10/22/2023 14:10	242	1.26
1362855	10/22/2023 10:08	10/22/2023 11:42	94	0.01
664453	10/22/2023 10:08	10/22/2023 11:52	104	0
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313269	10/22/2023 10:08	10/22/2023 14:10	242	0
1321605	10/22/2023 10:08	10/22/2023 20:22	614	0.45
315090	10/22/2023 10:08	10/22/2023 14:09	241	0.65
1362130	10/22/2023 10:09	10/22/2023 11:12	63	0
7879030	10/22/2023 10:09	10/22/2023 11:39	90	0
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1552154	10/22/2023 10:10	10/22/2023 11:39	89	0.09
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1363588	10/22/2023 10:12	10/22/2023 11:10	58	0.01
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956968	10/22/2023 10:14	10/22/2023 11:58	104	0
8910809	10/22/2023 10:14	10/22/2023 11:44	90	0
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1430553	10/22/2023 10:16	10/22/2023 20:30	614	2.37
1430294	10/22/2023 10:17	10/22/2023 20:27	610	0.01
274125	10/22/2023 10:17	10/23/2023 0:28	851	0.32
457978	10/22/2023 10:17	10/22/2023 14:18	241	0.23
51483	10/22/2023 10:18	10/22/2023 11:31	73	0.12
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319279	10/22/2023 10:22	10/23/2023 10:00	1417.8	0
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499998	10/22/2023 10:23	10/23/2023 0:28	845	0.85
8068454	10/22/2023 10:23	10/22/2023 11:52	89	0.22
507365	10/22/2023 10:23	10/22/2023 11:52	89	0
793285	10/22/2023 10:24	10/22/2023 11:27	63	0.09
2032900	10/22/2023 10:24	10/22/2023 20:22	598	0.16
1342473	10/22/2023 10:24	10/22/2023 13:07	163	0.12
317084	10/22/2023 10:26	10/22/2023 13:24	178	0
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1375642	10/22/2023 10:43	10/22/2023 11:14	31	0
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51957	10/22/2023 10:45	10/22/2023 11:32	47	0.64
1494722	10/22/2023 10:45	10/22/2023 11:42	57	0.11
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980398	10/22/2023 10:47	10/22/2023 20:20	573	3.55
265864	10/22/2023 10:47	10/22/2023 11:19	32	0.1
266010	10/22/2023 10:48	10/22/2023 11:24	36	0
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324045	10/22/2023 10:50	10/22/2023 11:37	47	0
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793690	10/22/2023 10:55	10/22/2023 11:22	27	0
8621797	10/22/2023 10:56	10/22/2023 11:47	51	0
1301093	10/22/2023 10:56	10/22/2023 20:31	575	0.52
237946	10/22/2023 10:56	10/22/2023 11:12	16	0
658177	10/22/2023 10:58	10/22/2023 11:55	57	0.05
8495802	10/22/2023 10:58	10/22/2023 20:30	572	2.14
954637	10/22/2023 10:59	10/22/2023 11:30	31	0
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9313875	10/22/2023 11:04	10/22/2023 20:31	567	0.43
1431804	10/22/2023 11:04	10/22/2023 20:30	566	0
1465703	10/22/2023 11:05	10/23/2023 0:28	803	0.09
569420	10/22/2023 11:09	10/22/2023 20:16	547	0
1588808	10/22/2023 11:09	10/22/2023 11:40	31	0
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1586610	10/22/2023 11:10	10/22/2023 11:42	32	0
872542	10/22/2023 11:10	10/22/2023 20:10	540	0.16
1363588	10/22/2023 11:10	10/22/2023 11:41	31	0.1
1586005	10/22/2023 11:11	10/22/2023 11:36	25	0
1020565	10/22/2023 11:11	10/22/2023 13:23	132	0.04
1362130	10/22/2023 11:12	10/22/2023 11:38	26	0
237946	10/22/2023 11:12	10/22/2023 13:12	120	0
353651	10/22/2023 11:13	10/22/2023 14:12	179	0
1375642	10/22/2023 11:14	10/22/2023 11:46	32	0
353728	10/22/2023 11:15	10/22/2023 15:07	232	0
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265864	10/22/2023 11:19	10/22/2023 20:21	542	0.94
569554	10/22/2023 11:20	10/22/2023 20:31	551	0
324290	10/22/2023 11:20	10/22/2023 11:36	16	0
934496	10/22/2023 11:20	10/22/2023 11:36	16	0
793690	10/22/2023 11:22	10/22/2023 11:37	15	0
1553065	10/22/2023 11:22	10/22/2023 13:07	105	0
498070	10/22/2023 11:23	10/23/2023 0:28	785	1.09
325050	10/22/2023 11:23	10/22/2023 11:37	14	0
656628	10/22/2023 11:24	10/22/2023 11:56	32	0
1546695	10/22/2023 11:24	10/22/2023 11:36	12	0
790670	10/22/2023 11:24	10/22/2023 11:40	16	0
266010	10/22/2023 11:24	10/22/2023 12:19	55	0
6714863	10/22/2023 11:24	10/22/2023 11:41	17	0
314899	10/22/2023 11:26	10/22/2023 14:25	179	0
8590289	10/22/2023 11:26	10/22/2023 11:57	31	0

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954637	10/22/2023 11:30	10/22/2023 11:56	26	0
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8950281	10/22/2023 11:32	10/22/2023 12:05	33	0
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1394324	10/22/2023 11:32	10/22/2023 12:04	32	0
572916	10/22/2023 11:33	10/22/2023 11:47	14	0.05
9063373	10/22/2023 11:33	10/22/2023 12:05	32	0
816722	10/22/2023 11:34	10/22/2023 14:45	191	0
323657	10/22/2023 11:36	10/22/2023 12:24	48	0.06
1394365	10/22/2023 11:36	10/22/2023 12:02	26	0.06
1390184	10/22/2023 11:36	10/22/2023 12:03	27	0.06
934496	10/22/2023 11:36	10/22/2023 12:00	24	0
324290	10/22/2023 11:36	10/22/2023 12:23	47	0
1586005	10/22/2023 11:36	10/22/2023 20:21	525	0
1546695	10/22/2023 11:36	10/22/2023 12:23	47	0
793285	10/22/2023 11:37	10/22/2023 11:53	16	0
325050	10/22/2023 11:37	10/22/2023 12:22	45	0
793638	10/22/2023 11:37	10/22/2023 11:58	21	0.13
324045	10/22/2023 11:37	10/22/2023 12:20	43	0
793690	10/22/2023 11:37	10/22/2023 11:53	16	0
817825	10/22/2023 11:38	10/22/2023 14:46	188	0.03
1362130	10/22/2023 11:38	10/22/2023 14:42	184	0
324249	10/22/2023 11:39	10/22/2023 12:22	43	0.38
7879030	10/22/2023 11:39	10/22/2023 12:39	60	0
1552154	10/22/2023 11:39	10/22/2023 12:21	42	0.28
8734029	10/22/2023 11:40	10/22/2023 12:59	79	0
791510	10/22/2023 11:40	10/22/2023 11:55	15	0
1309098	10/22/2023 11:40	10/22/2023 12:06	26	0.06
790670	10/22/2023 11:40	10/22/2023 11:56	16	0
1588808	10/22/2023 11:40	10/23/2023 0:28	768	0.14
1363588	10/22/2023 11:41	10/22/2023 14:39	178	0.85
1310926	10/22/2023 11:41	10/22/2023 12:07	26	0.07
6714863	10/22/2023 11:41	10/22/2023 11:56	15	0
380057	10/22/2023 11:42	10/22/2023 12:45	63	0
1586610	10/22/2023 11:42	10/23/2023 0:28	766	0
381982	10/22/2023 11:42	10/22/2023 12:40	58	0
1362855	10/22/2023 11:42	10/22/2023 14:57	195	0.2
323747	10/22/2023 11:42	10/22/2023 12:24	42	0.1
1393699	10/22/2023 11:42	10/22/2023 13:44	122	0.26
1494722	10/22/2023 11:42	10/22/2023 13:43	121	0.2
391316	10/22/2023 11:42	10/22/2023 14:43	181	0
1432509	10/22/2023 11:42	10/22/2023 12:56	74	0
6995795	10/22/2023 11:43	10/22/2023 12:40	57	0.09
1356945	10/22/2023 11:43	10/22/2023 14:57	194	0

8910809	10/22/2023 11:44	10/22/2023 12:41	57	0
1434550	10/22/2023 11:44	10/22/2023 12:57	73	0.02
7937779	10/22/2023 11:45	10/22/2023 12:27	42	0.09
1493132	10/22/2023 11:46	10/22/2023 12:28	42	0.07
1375642	10/22/2023 11:46	10/22/2023 12:28	42	0
8621797	10/22/2023 11:47	10/22/2023 12:03	16	0
304295	10/22/2023 11:47	10/22/2023 12:04	17	0
572916	10/22/2023 11:47	10/22/2023 12:03	16	0
7533405	10/22/2023 11:48	10/22/2023 12:03	15	0
8068454	10/22/2023 11:52	10/22/2023 12:18	26	0.1
664453	10/22/2023 11:52	10/22/2023 14:24	152	0.15
507365	10/22/2023 11:52	10/22/2023 13:53	121	0
511266	10/22/2023 11:52	10/22/2023 13:53	121	0
561672	10/22/2023 11:53	10/22/2023 12:40	47	0
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793285	10/22/2023 11:53	10/22/2023 12:09	16	0
663228	10/22/2023 11:54	10/23/2023 0:28	754	0
791510	10/22/2023 11:55	10/22/2023 12:11	16	0
658177	10/22/2023 11:55	10/22/2023 14:43	168	0.02
237758	10/22/2023 11:55	10/22/2023 12:10	15	0
954332	10/22/2023 11:56	10/22/2023 15:00	184	0
954637	10/22/2023 11:56	10/22/2023 14:59	183	0
790670	10/22/2023 11:56	10/22/2023 12:12	16	0
656628	10/22/2023 11:56	10/22/2023 14:38	162	0.08
6714863	10/22/2023 11:56	10/22/2023 12:11	15	0
957615	10/22/2023 11:57	10/22/2023 14:14	137	0
8590289	10/22/2023 11:57	10/22/2023 13:53	116	0
956968	10/22/2023 11:58	10/22/2023 14:15	137	0
793638	10/22/2023 11:58	10/22/2023 12:08	10	0.03
239705	10/22/2023 11:58	10/22/2023 12:09	11	0
934496	10/22/2023 12:00	10/22/2023 12:05	5	0
39139	10/22/2023 12:01	10/22/2023 13:46	105	0
1394365	10/22/2023 12:02	10/22/2023 13:05	63	0.01
7533405	10/22/2023 12:03	10/22/2023 12:15	12	0.01
1390184	10/22/2023 12:03	10/22/2023 13:05	62	0.02
8621797	10/22/2023 12:03	10/22/2023 12:18	15	0
572916	10/22/2023 12:03	10/22/2023 14:18	135	0.07
1394324	10/22/2023 12:04	10/22/2023 13:07	63	0
51483	10/22/2023 12:04	10/22/2023 14:04	120	0
304295	10/22/2023 12:04	10/22/2023 12:19	15	0
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1394467	10/22/2023 12:04	10/23/2023 10:00	1315	0
51957	10/22/2023 12:04	10/22/2023 14:04	120	0
8950281	10/22/2023 12:05	10/22/2023 14:05	120	0
916441	10/22/2023 12:05	10/22/2023 14:06	121	0
1394543	10/22/2023 12:05	10/23/2023 10:00	1314	0
9063373	10/22/2023 12:05	10/22/2023 13:03	58	0

934496	10/22/2023 12:05	10/22/2023 14:32	147	0
1309098	10/22/2023 12:06	10/22/2023 14:38	152	0.03
1310926	10/22/2023 12:07	10/22/2023 14:39	152	0.03
914462	10/22/2023 12:07	10/22/2023 13:05	58	0
793638	10/22/2023 12:08	10/22/2023 15:38	210	0.49
793285	10/22/2023 12:09	10/22/2023 14:56	167	0.35
793690	10/22/2023 12:09	10/22/2023 12:41	32	0.01
239705	10/22/2023 12:09	10/22/2023 14:10	121	0
237758	10/22/2023 12:10	10/22/2023 14:11	121	0
1019446	10/22/2023 12:10	10/23/2023 9:46	1296	0
791510	10/22/2023 12:11	10/22/2023 12:53	42	0
6714863	10/22/2023 12:11	10/22/2023 14:54	163	0.28
790670	10/22/2023 12:12	10/22/2023 14:54	162	0.09
7533405	10/22/2023 12:15	10/22/2023 12:20	5	0
303510	10/22/2023 12:17	10/22/2023 13:52	95	0
8068454	10/22/2023 12:18	10/22/2023 14:04	106	0.09
8621797	10/22/2023 12:18	10/23/2023 10:00	1301	0.01
266010	10/22/2023 12:19	10/23/2023 10:00	1300	0
304295	10/22/2023 12:19	10/22/2023 14:04	105	0
324045	10/22/2023 12:20	10/22/2023 14:21	121	0
7533405	10/22/2023 12:20	10/22/2023 14:18	118	0
1552154	10/22/2023 12:21	10/22/2023 14:06	105	0.03
325050	10/22/2023 12:22	10/22/2023 14:08	106	0
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7937779	10/22/2023 12:27	10/22/2023 12:58	31	0.06
1493132	10/22/2023 12:28	10/22/2023 12:59	31	0.09
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267537	10/22/2023 13:33	10/22/2023 13:47	14	0
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308959	10/22/2023 13:48	10/22/2023 19:29	341	0.14
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315509	10/22/2023 14:24	10/22/2023 14:55	31	0.08
314899	10/22/2023 14:25	10/22/2023 14:41	16	0
507365	10/22/2023 14:25	10/22/2023 14:40	15	0
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381982	10/22/2023 14:25	10/22/2023 14:41	16	0
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8068454	10/22/2023 14:35	10/22/2023 15:22	47	0
51483	10/22/2023 14:35	10/22/2023 14:45	10	0
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304295	10/22/2023 14:36	10/23/2023 0:28	592	0
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8502011	10/22/2023 14:38	10/22/2023 15:09	31	0
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656628	10/22/2023 14:38	10/23/2023 0:28	590	0.15
645339	10/22/2023 14:39	10/23/2023 0:28	589	0
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507365	10/22/2023 14:40	10/23/2023 0:28	588	0
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314899	10/22/2023 14:41	10/23/2023 0:28	587	0
6995795	10/22/2023 14:41	10/22/2023 20:28	347	0
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523489	10/23/2023 10:00	10/23/2023 19:23	563	0.02
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1552154	10/23/2023 10:08	10/24/2023 0:28	860	0
1309098	10/23/2023 10:08	10/23/2023 20:18	610	0.21
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793285	10/23/2023 11:23	10/23/2023 14:53	210	0
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1451744	10/23/2023 11:36	10/23/2023 11:51	15	0
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793737	10/23/2023 11:37	10/23/2023 11:53	16	0
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23462	10/23/2023 11:43	10/23/2023 14:42	179	0
1432509	10/23/2023 11:44	10/23/2023 14:42	178	0
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23566	10/23/2023 11:45	10/23/2023 14:27	162	0
51483	10/23/2023 11:45	10/23/2023 12:32	47	0
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469018	10/23/2023 11:46	10/23/2023 14:50	184	0
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8950281	10/23/2023 11:48	10/23/2023 12:35	47	0
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572882	10/23/2023 11:50	10/23/2023 12:11	21	0.11
1451744	10/23/2023 11:51	10/23/2023 13:20	89	0.88
7533405	10/23/2023 11:51	10/23/2023 12:06	15	0
324249	10/23/2023 11:52	10/23/2023 13:09	77	0.68
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323747	10/23/2023 11:52	10/23/2023 13:06	74	0.68
1524033	10/23/2023 11:53	10/23/2023 16:42	289	0.01
325050	10/23/2023 11:53	10/23/2023 13:08	75	0
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346288	10/23/2023 11:59	10/23/2023 14:10	131	0
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729928	10/23/2023 12:04	10/23/2023 12:31	27	0
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7533405	10/23/2023 12:06	10/23/2023 14:23	137	0
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509102	10/23/2023 16:11	10/24/2023 0:28	497	0
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455994	10/23/2023 20:30	10/24/2023 10:00	809	0
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48217	10/24/2023 0:28	10/24/2023 10:00	571	0
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1019446	10/24/2023 0:28	10/24/2023 10:00	571	0
1565203	10/24/2023 0:28	10/24/2023 8:46	498	0
792446	10/24/2023 0:28	10/24/2023 10:00	571	0
509102	10/24/2023 0:28	10/24/2023 10:00	571	0
8590289	10/24/2023 0:28	10/24/2023 10:00	571	0
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8524544	10/24/2023 0:28	10/24/2023 10:00	571	0
280364	10/24/2023 0:28	10/24/2023 10:00	571	0
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1451744	10/24/2023 0:28	10/24/2023 10:00	571	0
1466638	10/24/2023 0:28	10/24/2023 9:25	537	0
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450309	10/24/2023 0:28	10/24/2023 10:00	571	0
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561672	10/24/2023 0:28	10/24/2023 10:00	571	0
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1450250	10/24/2023 0:28	10/24/2023 10:00	571	0
380057	10/24/2023 0:28	10/24/2023 9:42	554	0
328570	10/24/2023 0:28	10/24/2023 10:00	571	0
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324045	10/24/2023 0:28	10/24/2023 10:00	571	0

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34832	10/24/2023 0:28	10/24/2023 10:00	571	0
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8950281	10/24/2023 0:28	10/24/2023 8:15	467	0
259674	10/24/2023 0:28	10/24/2023 10:00	571	0
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1301093	10/24/2023 0:28	10/24/2023 10:00	571	0
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1376158	10/24/2023 7:57	10/24/2023 8:44	47	0
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345647	10/24/2023 9:57	10/24/2023 10:00	2	0
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189581	10/24/2023 10:00	10/24/2023 19:28	568	0
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740241	10/24/2023 10:08	10/24/2023 11:37	89	0
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1434550	10/24/2023 10:09	10/24/2023 14:26	257	0
380057	10/24/2023 10:09	10/24/2023 20:23	614	0
1393699	10/24/2023 10:10	10/24/2023 20:19	609	0
1321605	10/24/2023 10:10	10/24/2023 20:09	599	0
1309098	10/24/2023 10:10	10/24/2023 14:27	257	0.09
1494722	10/24/2023 10:10	10/24/2023 20:24	614	0
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345647	10/24/2023 10:12	10/24/2023 20:27	615	0

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304295	10/24/2023 10:14	10/24/2023 11:33	79	0
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817260	10/24/2023 10:15	10/24/2023 20:24	609	0
793638	10/24/2023 10:15	10/24/2023 15:00	285	0
6761269	10/24/2023 10:15	10/24/2023 20:18	603	0
1430838	10/24/2023 10:16	10/24/2023 14:17	241	0
1343695	10/24/2023 10:16	10/24/2023 11:30	74	0
51957	10/24/2023 10:16	10/24/2023 20:30	614	0
51483	10/24/2023 10:16	10/24/2023 20:19	603	0
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623069	10/24/2023 10:20	10/24/2023 14:04	224	0
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24124	10/24/2023 10:26	10/24/2023 20:24	598	0
25066	10/24/2023 10:26	10/24/2023 11:29	63	0
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378229	10/24/2023 10:26	10/24/2023 20:26	600	0.56
6714863	10/24/2023 10:27	10/24/2023 15:00	273	0
315346	10/24/2023 10:27	10/24/2023 20:20	593	0
45637	10/24/2023 10:27	10/24/2023 20:25	598	1.56
41784	10/24/2023 10:27	10/24/2023 11:27	60	0
315088	10/24/2023 10:27	10/24/2023 20:15	588	0
34833	10/24/2023 10:28	10/24/2023 16:30	362	0
23566	10/24/2023 10:28	10/24/2023 11:26	58	0
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954332	10/24/2023 10:28	10/24/2023 20:06	578	0
382040	10/24/2023 10:28	10/24/2023 20:17	589	0
25674	10/24/2023 10:28	10/24/2023 14:56	268	0
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980398	10/24/2023 10:31	10/24/2023 16:44	373	1.02
1567514	10/24/2023 10:31	10/24/2023 20:19	588	0
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275495	10/24/2023 10:32	10/24/2023 20:20	588	0
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8621797	10/24/2023 11:31	10/24/2023 11:47	16	0
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328570	10/24/2023 11:33	10/24/2023 15:59	266	0
926505	10/24/2023 11:33	10/24/2023 14:48	195	0
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304295	10/24/2023 11:33	10/24/2023 11:48	15	0
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627289	10/24/2023 11:35	10/24/2023 15:05	210	0
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275018	10/24/2023 11:36	10/24/2023 15:06	210	0
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740241	10/24/2023 11:37	10/24/2023 11:48	11	0
627018	10/24/2023 11:38	10/24/2023 15:08	210	0
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304295	10/24/2023 11:48	10/24/2023 12:04	16	0
740241	10/24/2023 11:48	10/24/2023 13:52	124	0
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309265	10/24/2023 11:51	10/24/2023 12:07	16	0
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8621797	10/24/2023 12:02	10/25/2023 10:00	1317	0
226164	10/24/2023 12:03	10/24/2023 20:31	508	0.44
572882	10/24/2023 12:04	10/24/2023 14:17	133	0
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572916	10/24/2023 12:06	10/24/2023 14:21	135	0
309265	10/24/2023 12:07	10/25/2023 10:00	1312	0
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549617	10/24/2023 12:11	10/24/2023 14:57	166	0
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1311232	10/24/2023 13:25	10/24/2023 13:41	16	0
1361528	10/24/2023 13:25	10/24/2023 13:41	16	0
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1361528	10/24/2023 13:41	10/24/2023 19:23	342	0
1311232	10/24/2023 13:41	10/24/2023 19:12	331	0
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740241	10/24/2023 13:52	10/24/2023 14:19	27	0
1462990	10/24/2023 13:52	10/24/2023 19:23	331	0
1573666	10/24/2023 14:00	10/24/2023 14:15	15	0

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9399863	10/24/2023 15:06	10/24/2023 20:26	320	0
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627018	10/24/2023 15:08	10/25/2023 0:28	560	0

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1361623	10/24/2023 19:14	10/25/2023 8:21	787	0
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623069	10/24/2023 19:16	10/25/2023 9:53	877	0
1383909	10/24/2023 19:16	10/25/2023 10:00	884	0
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1553065	10/24/2023 19:21	10/25/2023 8:55	814	0
523489	10/24/2023 19:21	10/25/2023 8:23	782	0
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1462990	10/24/2023 19:23	10/25/2023 10:00	876.4	0
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279833	10/24/2023 19:23	10/25/2023 10:00	876.8	0
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793285	10/25/2023 12:09	10/25/2023 14:57	168	0
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227673	10/25/2023 12:10	10/25/2023 12:52	42	0
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645339	10/25/2023 12:54	10/25/2023 14:56	122	0
228611	10/25/2023 12:55	10/25/2023 20:14	439	0
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51483	10/25/2023 13:03	10/25/2023 14:48	105	0
190372	10/25/2023 13:04	10/26/2023 10:00	1255	0
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791510	10/25/2023 13:11	10/25/2023 14:56	105	0.18
793638	10/25/2023 13:11	10/25/2023 14:56	105	0
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353371	10/25/2023 13:44	10/25/2023 19:24	340	0
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26864	10/25/2023 13:45	10/25/2023 19:17	332	0
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27483	10/26/2023 9:00	10/26/2023 10:00	59	0
24124	10/26/2023 9:00	10/26/2023 9:58	58	0
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314188	10/27/2023 8:47	10/27/2023 9:03	16	0
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315346	10/27/2023 10:12	10/27/2023 14:24	252	0
1406535	10/27/2023 10:12	10/27/2023 14:30	258	0
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8621797	10/27/2023 11:14	10/27/2023 11:45	31	0
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23566	10/27/2023 13:44	10/27/2023 20:13	389	0
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51483	10/27/2023 13:48	10/27/2023 14:15	27	0
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469018	10/27/2023 14:21	10/27/2023 14:37	16	0
450309	10/27/2023 14:21	10/27/2023 15:19	58	0
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8590289	10/27/2023 14:29	10/27/2023 14:45	16	0
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51483	10/27/2023 14:30	10/27/2023 14:47	17	0
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317233	10/28/2023 0:28	10/28/2023 9:37	549	0
29635	10/28/2023 0:28	10/28/2023 10:00	571	0
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1466445	10/28/2023 6:57	10/28/2023 10:00	182.4	0
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740241	10/28/2023 8:37	10/28/2023 10:00	82	0
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317797	10/28/2023 8:41	10/28/2023 10:00	78.8	0
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854579	10/28/2023 9:34	10/28/2023 10:00	25	0
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315730	10/28/2023 9:47	10/28/2023 10:00	12	0
455994	10/28/2023 9:48	10/28/2023 10:00	11	0
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705447	10/28/2023 10:00	10/29/2023 10:00	1439	0
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308959	10/28/2023 10:00	10/28/2023 19:09	549	0.25
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1553065	10/28/2023 10:00	10/28/2023 18:50	530	0
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1466445	10/28/2023 10:00	10/28/2023 13:57	237	0
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315345	10/28/2023 10:09	10/28/2023 20:13	604	0
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237946	10/28/2023 10:10	10/28/2023 19:21	551	0

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740241	10/28/2023 14:23	10/28/2023 14:39	16	0
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740241	10/28/2023 14:39	10/29/2023 0:28	589	0
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1390184	10/28/2023 14:40	10/28/2023 19:55	315	0
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8068454	10/28/2023 20:18	10/29/2023 10:00	821	0
8621797	10/28/2023 20:20	10/29/2023 10:00	819	0
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317126	10/30/2023 14:38	10/30/2023 20:03	325	0
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1076617	10/30/2023 14:38	10/30/2023 19:58	320	0
605186	10/30/2023 14:38	10/30/2023 19:42	304	0
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801004	10/30/2023 19:57	10/31/2023 10:00	842	0
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1526024	10/30/2023 19:58	10/31/2023 10:00	841	0
1076617	10/30/2023 19:58	10/31/2023 8:50	772	0
8734029	10/30/2023 19:58	10/31/2023 10:00	841	0
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7902724	10/30/2023 19:58	10/31/2023 8:34	756	0
9063373	10/30/2023 19:58	10/31/2023 10:00	841	0
1394324	10/30/2023 19:58	10/31/2023 10:00	841	0
9399863	10/30/2023 19:58	10/31/2023 10:00	841	0
8950281	10/30/2023 19:59	10/31/2023 10:00	840	0
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601397	10/30/2023 19:59	10/31/2023 10:00	840	0
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469018	10/30/2023 19:59	10/31/2023 10:00	840	0
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454861	10/30/2023 20:01	10/31/2023 10:00	838	0
1394365	10/30/2023 20:01	10/31/2023 10:00	838	0
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1494722	10/30/2023 20:02	10/31/2023 9:15	793	0
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455994	10/30/2023 20:05	10/31/2023 10:00	834	0

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1604432	10/30/2023 20:10	10/31/2023 9:50	820	0
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304295	10/30/2023 20:11	10/31/2023 10:00	828	0
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324249	10/31/2023 0:28	10/31/2023 10:00	571	0
1390184	10/31/2023 0:28	10/31/2023 9:57	569	0
1493132	10/31/2023 0:28	10/31/2023 8:28	480	0
587455	10/31/2023 0:28	10/31/2023 10:00	571	0
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466549	10/31/2023 0:28	10/31/2023 10:00	571	0
315345	10/31/2023 0:28	10/31/2023 9:25	537	0
303510	10/31/2023 0:28	10/31/2023 10:00	571	0
1393633	10/31/2023 0:28	10/31/2023 10:00	571	0
275018	10/31/2023 0:28	10/31/2023 10:00	571	0
5212517	10/31/2023 0:28	10/31/2023 10:00	571	0
41508	10/31/2023 0:28	10/31/2023 10:00	571	0
1321750	10/31/2023 0:28	10/31/2023 10:00	571	0
1430294	10/31/2023 0:28	10/31/2023 10:00	571	0
740241	10/31/2023 0:28	10/31/2023 8:37	489	0
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381982	10/31/2023 0:28	10/31/2023 9:58	570	0
449377	10/31/2023 2:52	10/31/2023 6:08	196	0
353728	10/31/2023 4:45	10/31/2023 10:00	314	0
449377	10/31/2023 6:08	10/31/2023 10:00	231	0
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1445317	10/31/2023 7:58	10/31/2023 10:00	121	0
1447211	10/31/2023 8:12	10/31/2023 10:00	107.4	0
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1376158	10/31/2023 8:14	10/31/2023 10:00	105	0
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309961	10/31/2023 8:16	10/31/2023 10:00	103	0
10628562	10/31/2023 8:18	10/31/2023 10:00	101	0
314188	10/31/2023 8:19	10/31/2023 8:35	16	0
315169	10/31/2023 8:19	10/31/2023 8:35	16	0
1320008	10/31/2023 8:25	10/31/2023 9:23	58	0

1565203	10/31/2023 8:27	10/31/2023 10:00	92	0
317797	10/31/2023 8:27	10/31/2023 10:00	92.8	0
1493132	10/31/2023 8:28	10/31/2023 10:00	91	0
523489	10/31/2023 8:28	10/31/2023 8:43	15	0
7902724	10/31/2023 8:34	10/31/2023 9:49	75	0
314188	10/31/2023 8:35	10/31/2023 9:06	31	0
315169	10/31/2023 8:35	10/31/2023 9:06	31	0
740241	10/31/2023 8:37	10/31/2023 10:00	82	0
8511623	10/31/2023 8:41	10/31/2023 10:00	78	0
10510361	10/31/2023 8:41	10/31/2023 9:01	20	0
317084	10/31/2023 8:42	10/31/2023 10:00	77.8	0
523489	10/31/2023 8:43	10/31/2023 10:00	76.8	0
1076617	10/31/2023 8:50	10/31/2023 10:00	69	0
1553065	10/31/2023 8:55	10/31/2023 10:00	64.4	0
10510361	10/31/2023 9:01	10/31/2023 10:00	58.8	0
314188	10/31/2023 9:06	10/31/2023 10:00	53.8	0
315169	10/31/2023 9:06	10/31/2023 10:00	53.8	0
1447297	10/31/2023 9:10	10/31/2023 10:00	49	0
1393699	10/31/2023 9:11	10/31/2023 10:00	48	0
10714479	10/31/2023 9:11	10/31/2023 10:00	48	0
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315730	10/31/2023 9:20	10/31/2023 9:35	15	0
1466638	10/31/2023 9:22	10/31/2023 10:00	37	0
1320008	10/31/2023 9:23	10/31/2023 10:00	36	0
1321605	10/31/2023 9:23	10/31/2023 10:00	36	0
317233	10/31/2023 9:23	10/31/2023 10:00	36	0
8104722	10/31/2023 9:24	10/31/2023 9:40	16	0
315345	10/31/2023 9:25	10/31/2023 10:00	34	0
325050	10/31/2023 9:25	10/31/2023 9:36	11	0
1466445	10/31/2023 9:25	10/31/2023 10:00	34.4	0
315346	10/31/2023 9:26	10/31/2023 10:00	33	0
1430838	10/31/2023 9:33	10/31/2023 10:00	26	0
1430553	10/31/2023 9:33	10/31/2023 10:00	26	0
1624452	10/31/2023 9:34	10/31/2023 10:00	25	0
315730	10/31/2023 9:35	10/31/2023 10:00	24	0
8068454	10/31/2023 9:35	10/31/2023 10:00	24	0
325050	10/31/2023 9:36	10/31/2023 10:00	23	0
854579	10/31/2023 9:37	10/31/2023 10:00	22	0
664453	10/31/2023 9:39	10/31/2023 10:00	20	0
8104722	10/31/2023 9:40	10/31/2023 10:00	19	0
314899	10/31/2023 9:42	10/31/2023 10:00	17	0
1573666	10/31/2023 9:44	10/31/2023 10:00	15	0
1020565	10/31/2023 9:45	10/31/2023 10:00	14.72	0
7902724	10/31/2023 9:49	10/31/2023 10:00	10	0
1604432	10/31/2023 9:50	10/31/2023 10:00	9	0
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1463218	10/31/2023 9:52	10/31/2023 10:00	7	0

859747	10/31/2023 9:53	10/31/2023 10:00	6	0
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860281	10/31/2023 9:53	10/31/2023 10:00	6	0
1309098	10/31/2023 9:54	10/31/2023 10:00	5	0
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793638	10/31/2023 9:56	10/31/2023 10:00	3	0
6995795	10/31/2023 9:56	10/31/2023 10:00	3	0
1390184	10/31/2023 9:57	10/31/2023 10:00	2	0
7879030	10/31/2023 9:58	10/31/2023 10:00	1	0
381982	10/31/2023 9:58	10/31/2023 10:00	1	0
1464949	10/31/2023 9:58	10/31/2023 10:00	1	0
8910809	10/31/2023 9:59	10/31/2023 10:00	0	0
564357	10/31/2023 10:00	11/1/2023 10:00	1439	0
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353728	10/31/2023 10:00	10/31/2023 13:35	215	0
11081884	10/31/2023 10:00	10/31/2023 23:00	780	0
315169	10/31/2023 10:00	10/31/2023 23:00	780	0
342796	10/31/2023 10:00	10/31/2023 23:00	780	0
552210	10/31/2023 10:00	10/31/2023 12:41	161	0
1604432	10/31/2023 10:00	10/31/2023 20:08	608	0
1466357	10/31/2023 10:00	10/31/2023 19:06	546	0
569142	10/31/2023 10:00	10/31/2023 13:25	205	0
264186	10/31/2023 10:00	11/1/2023 10:00	1439	0
705447	10/31/2023 10:00	11/1/2023 10:00	1439	0
627018	10/31/2023 10:00	11/1/2023 0:28	868	0.3
854585	10/31/2023 10:00	10/31/2023 14:10	250	0
308959	10/31/2023 10:00	10/31/2023 23:00	780	0
314188	10/31/2023 10:00	10/31/2023 23:00	780	0
623069	10/31/2023 10:00	11/1/2023 9:37	1417	0
637185	10/31/2023 10:00	11/1/2023 10:00	1439	0
1308096	10/31/2023 10:00	11/1/2023 10:00	1439	0
926638	10/31/2023 10:00	10/31/2023 18:57	537	0
304295	10/31/2023 10:00	10/31/2023 11:47	107	0
1453263	10/31/2023 10:00	10/31/2023 13:10	190	0
469018	10/31/2023 10:00	10/31/2023 20:13	613	0
1415828	10/31/2023 10:00	10/31/2023 19:09	549	0
198082	10/31/2023 10:00	10/31/2023 23:00	780	0
854579	10/31/2023 10:00	10/31/2023 14:10	250	0
280780	10/31/2023 10:00	10/31/2023 14:57	297	0
46184	10/31/2023 10:00	11/1/2023 10:00	1439	0
346967	10/31/2023 10:00	10/31/2023 23:00	780	1.2
1464949	10/31/2023 10:00	10/31/2023 20:18	618	1.28
317797	10/31/2023 10:00	10/31/2023 23:00	780	0
498070	10/31/2023 10:00	10/31/2023 14:22	262	0
510522	10/31/2023 10:00	10/31/2023 19:06	546	0
1553065	10/31/2023 10:00	10/31/2023 13:12	192	0
1416360	10/31/2023 10:00	10/31/2023 19:19	559	0

1466445	10/31/2023 10:00	10/31/2023 19:15	555	0
7902724	10/31/2023 10:00	10/31/2023 11:04	64	0
315730	10/31/2023 10:00	10/31/2023 20:16	616	0.32
1430294	10/31/2023 10:00	10/31/2023 11:32	92	0
309961	10/31/2023 10:01	10/31/2023 14:33	272	0
1704232	10/31/2023 10:03	10/31/2023 20:01	598	0.39
1462990	10/31/2023 10:04	10/31/2023 19:16	552	0
70866	10/31/2023 10:04	10/31/2023 23:00	776	0
267537	10/31/2023 10:06	10/31/2023 23:00	774	0
852071	10/31/2023 10:06	10/31/2023 14:08	242	0.38
8068454	10/31/2023 10:06	10/31/2023 14:08	242	1.63
315345	10/31/2023 10:07	11/1/2023 0:28	861	0.16
1459057	10/31/2023 10:07	10/31/2023 19:02	535	0
624953	10/31/2023 10:07	10/31/2023 20:06	599	0
558031	10/31/2023 10:07	10/31/2023 11:05	58	0
195216	10/31/2023 10:07	10/31/2023 23:00	773	0
623871	10/31/2023 10:07	11/1/2023 10:00	1432	0
519373	10/31/2023 10:08	10/31/2023 23:00	772	0
1463520	10/31/2023 10:08	10/31/2023 20:12	604	1.47
1320646	10/31/2023 10:08	10/31/2023 20:07	599	0.07
1463218	10/31/2023 10:08	10/31/2023 20:02	594	0.26
315346	10/31/2023 10:08	10/31/2023 20:12	604	0
624628	10/31/2023 10:08	10/31/2023 20:07	599	0
627289	10/31/2023 10:08	10/31/2023 20:06	598	0
561757	10/31/2023 10:09	10/31/2023 11:06	57	0
1445317	10/31/2023 10:09	10/31/2023 20:08	599	0
10659831	10/31/2023 10:09	10/31/2023 13:07	178	0
1466638	10/31/2023 10:09	10/31/2023 20:07	598	0
1310926	10/31/2023 10:09	10/31/2023 11:53	104	0
1552154	10/31/2023 10:09	10/31/2023 14:10	241	0
1321605	10/31/2023 10:10	10/31/2023 19:53	583	0.48
1320008	10/31/2023 10:10	10/31/2023 20:01	591	0
325050	10/31/2023 10:10	10/31/2023 11:40	90	0
345647	10/31/2023 10:10	10/31/2023 20:20	610	0
1320619	10/31/2023 10:10	11/1/2023 0:28	858	0
1309098	10/31/2023 10:10	10/31/2023 11:55	105	0.21
317233	10/31/2023 10:10	10/31/2023 20:09	599	0.42
380057	10/31/2023 10:11	10/31/2023 20:17	606	0
317084	10/31/2023 10:12	11/1/2023 10:00	1427.8	0
6995795	10/31/2023 10:12	10/31/2023 20:11	599	0
158427	10/31/2023 10:12	10/31/2023 19:05	533	0
793638	10/31/2023 10:12	10/31/2023 11:41	89	0
1494722	10/31/2023 10:13	10/31/2023 20:17	604	0.09
7879030	10/31/2023 10:13	10/31/2023 20:07	594	0
8486022	10/31/2023 10:13	10/31/2023 20:12	599	0
1444809	10/31/2023 10:13	10/31/2023 20:06	593	0.29
7937779	10/31/2023 10:13	10/31/2023 14:15	242	1.26

346288	10/31/2023 10:13	10/31/2023 20:12	599	0
1493132	10/31/2023 10:13	10/31/2023 11:00	47	0
1390184	10/31/2023 10:13	11/1/2023 0:28	855	0.06
381982	10/31/2023 10:14	11/1/2023 0:28	854	0
8910809	10/31/2023 10:14	10/31/2023 20:08	594	0
1019446	10/31/2023 10:14	10/31/2023 14:15	241	0.78
1393699	10/31/2023 10:14	10/31/2023 20:07	593	0.81
6761269	10/31/2023 10:14	10/31/2023 20:13	599	0.84
1700586	10/31/2023 10:15	10/31/2023 20:03	588	0
1573666	10/31/2023 10:15	10/31/2023 11:45	90	0
664453	10/31/2023 10:15	11/1/2023 0:28	853	0.37
1624452	10/31/2023 10:15	10/31/2023 14:17	242	0
817260	10/31/2023 10:15	10/31/2023 20:04	589	0.21
1027973	10/31/2023 10:16	10/31/2023 13:46	210	0
1251782	10/31/2023 10:16	10/31/2023 20:11	595	0.24
7533405	10/31/2023 10:16	10/31/2023 11:45	89	0
1565203	10/31/2023 10:17	10/31/2023 20:10	593	0.22
309233	10/31/2023 10:17	10/31/2023 14:34	257	0
39139	10/31/2023 10:17	10/31/2023 23:00	763	0
581074	10/31/2023 10:18	10/31/2023 20:11	593	0
266010	10/31/2023 10:18	11/1/2023 0:28	850	0
197690	10/31/2023 10:20	10/31/2023 14:38	258	0
1430553	10/31/2023 10:20	10/31/2023 11:33	73	0
196408	10/31/2023 10:20	10/31/2023 14:24	244	0
572916	10/31/2023 10:20	10/31/2023 11:35	75	0
265473	10/31/2023 10:20	11/1/2023 0:28	848	0
572882	10/31/2023 10:20	10/31/2023 11:34	74	0
193420	10/31/2023 10:21	11/1/2023 9:51	1410	0
449036	10/31/2023 10:21	10/31/2023 14:33	252	0.9
1430838	10/31/2023 10:21	10/31/2023 11:34	73	0
195666	10/31/2023 10:22	11/1/2023 9:23	1381	0
265864	10/31/2023 10:22	10/31/2023 20:10	588	0
315484	10/31/2023 10:23	10/31/2023 20:11	588	0
8524544	10/31/2023 10:23	10/31/2023 20:16	593	0
790670	10/31/2023 10:23	10/31/2023 11:37	74	0
6714863	10/31/2023 10:24	10/31/2023 11:38	74	0
1321750	10/31/2023 10:24	11/1/2023 0:28	844	0.59
1076617	10/31/2023 10:24	10/31/2023 11:06	42	0.26
223128	10/31/2023 10:24	10/31/2023 12:09	105	0
312766	10/31/2023 10:24	10/31/2023 20:06	582	0.36
793285	10/31/2023 10:24	10/31/2023 11:37	73	0
791510	10/31/2023 10:25	10/31/2023 11:38	73	0
378229	10/31/2023 10:25	10/31/2023 14:10	225	1.78
1247921	10/31/2023 10:25	10/31/2023 11:38	73	0
195839	10/31/2023 10:25	10/31/2023 15:24	299	0
315708	10/31/2023 10:25	10/31/2023 20:12	587	0.78
223025	10/31/2023 10:26	10/31/2023 23:00	754	0

315509	10/31/2023 10:26	10/31/2023 20:24	598	1.01
313269	10/31/2023 10:26	10/31/2023 20:19	593	0
1190820	10/31/2023 10:26	11/1/2023 0:28	842	0.07
819177	10/31/2023 10:27	10/31/2023 18:57	510	0
315090	10/31/2023 10:28	10/31/2023 20:16	588	0.29
1433697	10/31/2023 10:29	10/31/2023 20:23	594	0
353371	10/31/2023 10:31	10/31/2023 11:03	32	0
323747	10/31/2023 10:35	10/31/2023 11:38	63	0
324045	10/31/2023 10:36	10/31/2023 11:39	63	0
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324249	10/31/2023 10:38	10/31/2023 11:35	57	0
553863	10/31/2023 10:39	10/31/2023 14:09	210	0.04
323657	10/31/2023 10:39	10/31/2023 11:37	58	0
511223	10/31/2023 10:39	10/31/2023 20:06	567	0
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416557	10/31/2023 10:43	10/31/2023 20:00	557	0
10628562	10/31/2023 10:45	10/31/2023 14:15	210	0
926505	10/31/2023 10:47	10/31/2023 20:03	556	0
304265	10/31/2023 10:47	10/31/2023 11:45	58	0
303510	10/31/2023 10:49	10/31/2023 11:47	58	0
729928	10/31/2023 10:50	10/31/2023 20:12	562	0
1395587	10/31/2023 10:50	10/31/2023 14:30	220	0
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878149	10/31/2023 10:52	10/31/2023 20:08	556	0
793737	10/31/2023 10:53	10/31/2023 20:09	556	0.07
2032900	10/31/2023 10:53	10/31/2023 20:04	551	0
266906	10/31/2023 10:53	10/31/2023 20:40	587	0
800590	10/31/2023 10:55	10/31/2023 20:04	549	0
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8495805	10/31/2023 10:55	10/31/2023 11:05	10	0
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792446	10/31/2023 10:55	10/31/2023 12:24	89	0
1301093	10/31/2023 10:56	10/31/2023 20:10	554	0.55
800600	10/31/2023 10:56	10/31/2023 20:02	546	0.07
800588	10/31/2023 10:56	10/31/2023 20:02	546	0
793690	10/31/2023 10:57	10/31/2023 11:39	42	0
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1493132	10/31/2023 11:00	10/31/2023 14:14	194	2.58
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7902724	10/31/2023 11:04	10/31/2023 11:19	15	0
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13876	10/31/2023 11:04	11/1/2023 10:00	1375.8	0
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9313875	10/31/2023 11:06	10/31/2023 20:07	541	0.12
1377844	10/31/2023 11:06	10/31/2023 20:12	546	0
1076617	10/31/2023 11:06	10/31/2023 11:22	16	0
196965	10/31/2023 11:07	10/31/2023 14:22	195	0
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316997	10/31/2023 11:08	10/31/2023 20:19	551	0
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8387677	10/31/2023 11:08	10/31/2023 20:14	546	0
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1378141	10/31/2023 11:09	10/31/2023 20:09	540	0.59
564518	10/31/2023 11:10	10/31/2023 14:10	180	0
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9063373	10/31/2023 11:11	10/31/2023 20:22	551	0
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378789	10/31/2023 11:11	10/31/2023 14:15	184	0
378919	10/31/2023 11:12	10/31/2023 20:12	540	0
317126	10/31/2023 11:12	10/31/2023 20:13	541	0
8734029	10/31/2023 11:12	10/31/2023 11:27	15	0
353371	10/31/2023 11:13	10/31/2023 13:14	121	0.03
1432509	10/31/2023 11:13	10/31/2023 11:29	16	0
1393633	10/31/2023 11:13	11/1/2023 0:28	795	2.55
1394365	10/31/2023 11:14	10/31/2023 20:15	541	0
259674	10/31/2023 11:14	10/31/2023 20:10	536	0
14605	10/31/2023 11:16	11/1/2023 10:00	1363.8	0
8434548	10/31/2023 11:16	10/31/2023 20:12	536	0.81
1432827	10/31/2023 11:18	10/31/2023 20:02	524	0.17
7902724	10/31/2023 11:19	10/31/2023 16:19	300	0
1417279	10/31/2023 11:22	10/31/2023 14:20	178	0.14
1431804	10/31/2023 11:22	10/31/2023 20:06	524	0

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1076617	10/31/2023 11:22	10/31/2023 11:53	31	0.04
224723	10/31/2023 11:23	10/31/2023 13:08	105	0
224273	10/31/2023 11:23	11/1/2023 10:00	1356.8	0
315616	10/31/2023 11:24	10/31/2023 20:19	535	0.16
8590289	10/31/2023 11:24	10/31/2023 20:14	530	0.12
511266	10/31/2023 11:24	11/1/2023 0:28	784	0
313011	10/31/2023 11:24	10/31/2023 20:20	536	0.03
312846	10/31/2023 11:25	10/31/2023 20:07	522	0.91
569554	10/31/2023 11:25	10/31/2023 14:23	178	0
658177	10/31/2023 11:27	10/31/2023 19:56	509	0
316630	10/31/2023 11:27	10/31/2023 20:22	535	0.55
8734029	10/31/2023 11:27	10/31/2023 20:17	530	0
1434550	10/31/2023 11:27	10/31/2023 20:07	520	0.1
353651	10/31/2023 11:29	10/31/2023 11:44	15	0
1432509	10/31/2023 11:29	10/31/2023 21:11	582	0
449377	10/31/2023 11:31	10/31/2023 14:01	150	0
350753	10/31/2023 11:31	10/31/2023 11:46	15	0
1343695	10/31/2023 11:32	10/31/2023 11:47	15	0
1430294	10/31/2023 11:32	10/31/2023 12:19	47	0
1430553	10/31/2023 11:33	10/31/2023 12:15	42	0
572882	10/31/2023 11:34	10/31/2023 11:49	15	0.01
328113	10/31/2023 11:34	10/31/2023 12:00	26	0.32
1430838	10/31/2023 11:34	10/31/2023 12:21	47	0
324249	10/31/2023 11:35	10/31/2023 11:55	20	0
572916	10/31/2023 11:35	10/31/2023 11:50	15	0.01
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790670	10/31/2023 11:37	10/31/2023 12:08	31	0
1342974	10/31/2023 11:37	11/1/2023 0:28	771	0
323657	10/31/2023 11:37	10/31/2023 11:53	16	0
793285	10/31/2023 11:37	10/31/2023 12:09	32	0
323747	10/31/2023 11:38	10/31/2023 11:54	16	0
1247921	10/31/2023 11:38	10/31/2023 12:10	32	0
1092960	10/31/2023 11:38	11/1/2023 10:00	1341	0
791510	10/31/2023 11:38	10/31/2023 12:10	32	0
6714863	10/31/2023 11:38	10/31/2023 12:09	31	0
793690	10/31/2023 11:39	10/31/2023 12:10	31	0
324045	10/31/2023 11:39	10/31/2023 11:55	16	0
324290	10/31/2023 11:39	10/31/2023 11:55	16	0
325050	10/31/2023 11:40	10/31/2023 11:56	16	0
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7533405	10/31/2023 11:45	10/31/2023 12:01	16	0
304265	10/31/2023 11:45	10/31/2023 12:00	15	0
1573666	10/31/2023 11:45	10/31/2023 12:00	15	0

350753	10/31/2023 11:46	10/31/2023 12:12	26	0
303510	10/31/2023 11:47	10/31/2023 12:04	17	0
1343695	10/31/2023 11:47	10/31/2023 20:00	493	0
51957	10/31/2023 11:47	10/31/2023 12:18	31	0
587455	10/31/2023 11:47	10/31/2023 12:01	14	0
304295	10/31/2023 11:47	10/31/2023 12:02	15	0
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56164	10/31/2023 11:48	11/1/2023 10:00	1331	0
56167	10/31/2023 11:48	11/1/2023 10:00	1331	0
51483	10/31/2023 11:49	10/31/2023 12:20	31	0.03
99902	10/31/2023 11:49	10/31/2023 13:51	122	0
54382	10/31/2023 11:49	11/1/2023 10:00	1330	0
572882	10/31/2023 11:49	10/31/2023 12:05	16	0.1
8950281	10/31/2023 11:50	10/31/2023 12:21	31	0
53030	10/31/2023 11:50	11/1/2023 10:00	1329	0
572916	10/31/2023 11:50	10/31/2023 12:05	15	0.07
54282	10/31/2023 11:50	10/31/2023 13:04	74	0.11
55232	10/31/2023 11:50	11/1/2023 10:00	1329	0
190372	10/31/2023 11:51	10/31/2023 13:04	73	0
1270983	10/31/2023 11:52	11/1/2023 10:00	1327	0
558031	10/31/2023 11:52	10/31/2023 12:08	16	0
8495805	10/31/2023 11:52	10/31/2023 14:40	168	0
1685480	10/31/2023 11:53	10/31/2023 13:53	120	0.01
1310926	10/31/2023 11:53	10/31/2023 12:09	16	0
605186	10/31/2023 11:53	10/31/2023 12:09	16	0
1076617	10/31/2023 11:53	10/31/2023 12:09	16	0.08
323657	10/31/2023 11:53	10/31/2023 12:08	15	0
323747	10/31/2023 11:54	10/31/2023 12:10	16	0
561757	10/31/2023 11:54	10/31/2023 12:09	15	0
100594	10/31/2023 11:54	10/31/2023 13:49	115	0
601397	10/31/2023 11:54	10/31/2023 12:04	10	0
1309098	10/31/2023 11:55	10/31/2023 12:11	16	0.01
1270985	10/31/2023 11:55	11/1/2023 10:00	1324	0
324045	10/31/2023 11:55	10/31/2023 12:10	15	0
324290	10/31/2023 11:55	10/31/2023 12:11	16	0
324249	10/31/2023 11:55	10/31/2023 12:09	14	0
1309133	10/31/2023 11:56	10/31/2023 12:11	15	0
325050	10/31/2023 11:56	10/31/2023 13:55	119	0
1669201	10/31/2023 11:57	10/31/2023 12:13	16	0.06
1557100	10/31/2023 11:57	10/31/2023 12:39	42	0
353651	10/31/2023 12:00	10/31/2023 12:14	14	0
1573666	10/31/2023 12:00	10/31/2023 12:16	16	0
304265	10/31/2023 12:00	10/31/2023 12:16	16	0
328113	10/31/2023 12:00	10/31/2023 13:03	63	0.05
7533405	10/31/2023 12:01	10/31/2023 12:16	15	0
587455	10/31/2023 12:01	10/31/2023 14:16	135	0
304295	10/31/2023 12:02	10/31/2023 12:18	16	0

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303510	10/31/2023 12:04	10/31/2023 12:19	15	0
601397	10/31/2023 12:04	10/31/2023 12:52	48	0
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572916	10/31/2023 12:05	10/31/2023 14:20	135	0
916441	10/31/2023 12:07	10/31/2023 14:39	152	0
903630	10/31/2023 12:08	10/31/2023 13:22	74	0
790670	10/31/2023 12:08	10/31/2023 13:11	63	0
558031	10/31/2023 12:08	10/31/2023 12:50	42	0
323657	10/31/2023 12:08	11/1/2023 10:00	1311	0
561757	10/31/2023 12:09	10/31/2023 12:51	42	0
605186	10/31/2023 12:09	10/31/2023 12:51	42	0
6714863	10/31/2023 12:09	10/31/2023 13:12	63	0
793285	10/31/2023 12:09	10/31/2023 13:12	63	0
223128	10/31/2023 12:09	11/1/2023 9:01	1252	0
1310926	10/31/2023 12:09	10/31/2023 14:10	121	0
324249	10/31/2023 12:09	11/1/2023 10:00	1310	0.01
1076617	10/31/2023 12:09	10/31/2023 12:51	42	0
1517059	10/31/2023 12:10	10/31/2023 14:12	122	0
324045	10/31/2023 12:10	10/31/2023 14:21	131	0
1247921	10/31/2023 12:10	10/31/2023 13:56	106	0.03
323747	10/31/2023 12:10	11/1/2023 10:00	1309	0.01
914462	10/31/2023 12:10	10/31/2023 14:37	147	0
793690	10/31/2023 12:10	10/31/2023 14:27	137	0
791510	10/31/2023 12:10	10/31/2023 14:27	137	0
324290	10/31/2023 12:11	10/31/2023 15:41	210	0
1518000	10/31/2023 12:11	11/1/2023 10:00	1308	0
1309098	10/31/2023 12:11	10/31/2023 14:11	120	0.12
1309133	10/31/2023 12:11	10/31/2023 14:53	162	0
1516739	10/31/2023 12:11	10/31/2023 14:07	116	0.03
350753	10/31/2023 12:12	10/31/2023 14:18	126	0
1669201	10/31/2023 12:13	11/1/2023 10:00	1306	0.04
793638	10/31/2023 12:13	10/31/2023 14:24	131	0
353651	10/31/2023 12:14	10/31/2023 14:15	121	0
1430553	10/31/2023 12:15	10/31/2023 14:16	121	0.04
304265	10/31/2023 12:16	10/31/2023 14:32	136	0
7533405	10/31/2023 12:16	10/31/2023 14:21	125	0
1573666	10/31/2023 12:16	10/31/2023 12:58	42	0
304295	10/31/2023 12:18	10/31/2023 14:08	110	0
51957	10/31/2023 12:18	10/31/2023 13:01	43	0.09
68308	10/31/2023 12:18	11/1/2023 10:00	1301	0
303510	10/31/2023 12:19	10/31/2023 13:48	89	0
1430294	10/31/2023 12:19	10/31/2023 14:20	121	0
69207	10/31/2023 12:19	11/1/2023 10:00	1300	0
56196	10/31/2023 12:20	11/1/2023 10:00	1299	0

51483	10/31/2023 12:20	10/31/2023 13:02	42	0
8950281	10/31/2023 12:21	10/31/2023 13:03	42	0
1430838	10/31/2023 12:21	10/31/2023 14:16	115	0
561672	10/31/2023 12:21	10/31/2023 14:38	137	0
1527339	10/31/2023 12:23	10/31/2023 16:21	238	0.03
792446	10/31/2023 12:24	11/1/2023 10:00	1295	0
1526024	10/31/2023 12:24	10/31/2023 16:20	236	0
224277	10/31/2023 12:25	11/1/2023 10:00	1294	0
392223	10/31/2023 12:30	11/1/2023 10:00	1289	0
8495802	10/31/2023 12:30	10/31/2023 14:15	105	0
916151	10/31/2023 12:37	11/1/2023 10:00	1282.42	0.29
1557100	10/31/2023 12:39	11/1/2023 10:00	1280	0
1557303	10/31/2023 12:40	10/31/2023 14:26	106	0
392602	10/31/2023 12:41	11/1/2023 10:00	1278	0
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1557188	10/31/2023 12:42	10/31/2023 14:27	105	0
558031	10/31/2023 12:50	10/31/2023 14:35	105	0
561757	10/31/2023 12:51	10/31/2023 14:36	105	0
605186	10/31/2023 12:51	10/31/2023 14:10	79	0
1076617	10/31/2023 12:51	10/31/2023 14:36	105	0.13
601397	10/31/2023 12:52	11/1/2023 10:00	1267	0
1573666	10/31/2023 12:58	10/31/2023 14:01	63	0
51957	10/31/2023 13:01	10/31/2023 15:33	152	0
51483	10/31/2023 13:02	10/31/2023 15:09	127	0.03
8950281	10/31/2023 13:03	10/31/2023 15:04	121	0
328113	10/31/2023 13:03	10/31/2023 14:17	74	0.02
190372	10/31/2023 13:04	11/1/2023 10:00	1255	0
54282	10/31/2023 13:04	11/1/2023 10:00	1255	0
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793285	10/31/2023 13:12	10/31/2023 14:25	73	0
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304785	10/31/2023 13:18	10/31/2023 23:00	582	0.02
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378229	10/31/2023 14:25	10/31/2023 14:40	15	0

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1493132	10/31/2023 14:30	10/31/2023 15:02	32	0
1595324	10/31/2023 14:31	10/31/2023 14:46	15	0.47
7937779	10/31/2023 14:31	10/31/2023 14:57	26	0
10628562	10/31/2023 14:31	10/31/2023 14:46	15	0
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304265	10/31/2023 14:32	11/1/2023 0:28	596	0
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1430838	10/31/2023 14:32	10/31/2023 14:48	16	0
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593366	10/31/2023 14:32	10/31/2023 20:08	336	0
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572882	10/31/2023 14:33	11/1/2023 0:28	595	0
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328113	10/31/2023 14:33	10/31/2023 14:48	15	0
274125	10/31/2023 14:34	10/31/2023 20:15	341	0
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9399863	10/31/2023 14:35	10/31/2023 20:21	346	0
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495335	10/31/2023 14:35	10/31/2023 20:10	335	0

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561757	10/31/2023 14:36	10/31/2023 20:07	331	0
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325050	10/31/2023 14:36	10/31/2023 15:55	79	0
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499998	10/31/2023 14:36	10/31/2023 14:52	16	0.01
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197356	10/31/2023 14:36	10/31/2023 20:17	341	0
1076617	10/31/2023 14:36	10/31/2023 15:08	32	0.09
324045	10/31/2023 14:37	10/31/2023 20:13	336	0
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197629	10/31/2023 14:37	10/31/2023 20:17	340	0
1446785	10/31/2023 14:37	10/31/2023 20:13	336	0
1517059	10/31/2023 14:38	10/31/2023 19:58	320	0
1309098	10/31/2023 14:38	11/1/2023 0:28	590	0.09
1320845	10/31/2023 14:38	11/1/2023 10:00	1161	0
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197690	10/31/2023 14:38	10/31/2023 20:12	334	0
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1451744	10/31/2023 14:38	10/31/2023 20:09	331	0.45
99902	10/31/2023 14:38	10/31/2023 14:54	16	0
8717997	10/31/2023 14:38	10/31/2023 20:00	322	0
496500	10/31/2023 14:38	10/31/2023 20:08	330	0
196408	10/31/2023 14:39	10/31/2023 20:10	331	0
8068454	10/31/2023 14:39	10/31/2023 15:21	42	0
852071	10/31/2023 14:39	10/31/2023 20:10	331	0
740241	10/31/2023 14:39	10/31/2023 19:59	320	0
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193791	10/31/2023 14:39	11/1/2023 0:28	589	0
916441	10/31/2023 14:39	10/31/2023 20:08	329	0
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793638	10/31/2023 14:40	10/31/2023 20:05	325	0
861053	10/31/2023 14:40	10/31/2023 20:07	327	0
378229	10/31/2023 14:40	10/31/2023 20:20	340	0
197561	10/31/2023 14:40	10/31/2023 20:10	330	0

506261	10/31/2023 14:41	10/31/2023 20:06	325	0
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793285	10/31/2023 14:41	10/31/2023 20:08	327	0
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854579	10/31/2023 14:41	10/31/2023 20:01	320	0
356258	10/31/2023 14:41	10/31/2023 20:12	331	0
6714863	10/31/2023 14:42	10/31/2023 20:15	333	0
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791510	10/31/2023 14:42	11/1/2023 0:28	586	0
860934	10/31/2023 14:42	10/31/2023 20:09	327	0
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1591422	10/31/2023 14:44	10/31/2023 20:09	325	0
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10628562	10/31/2023 14:46	10/31/2023 20:12	326	0
8495802	10/31/2023 14:47	10/31/2023 20:12	325	0
1551510	10/31/2023 14:47	10/31/2023 14:52	5	0
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1624452	10/31/2023 14:48	10/31/2023 20:03	315	0
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878149	10/31/2023 20:08	11/1/2023 10:00	831	0
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1573666	10/31/2023 20:14	11/1/2023 9:46	812	0
8590289	10/31/2023 20:14	11/1/2023 10:00	825	0
8068454	10/31/2023 20:15	11/1/2023 9:38	803	0
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1394365	10/31/2023 20:15	11/1/2023 9:52	817	0
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280364	10/31/2023 20:16	11/1/2023 10:00	823	0
315730	10/31/2023 20:16	11/1/2023 9:31	795	0
391316	10/31/2023 20:16	11/1/2023 10:00	823	0
1310926	10/31/2023 20:17	11/1/2023 10:00	822	0
197629	10/31/2023 20:17	11/1/2023 9:23	786	0
1494722	10/31/2023 20:17	11/1/2023 9:31	794	0
1394324	10/31/2023 20:17	11/1/2023 9:56	819	0
455994	10/31/2023 20:17	11/1/2023 9:57	820	0
380057	10/31/2023 20:17	11/1/2023 10:00	822	0
197356	10/31/2023 20:17	11/1/2023 10:00	822	0
8734029	10/31/2023 20:17	11/1/2023 10:00	822	0
561773	10/31/2023 20:17	11/1/2023 10:00	822	0
457729	10/31/2023 20:17	11/1/2023 9:57	820	0
499998	10/31/2023 20:17	11/1/2023 10:00	822	0
1076617	10/31/2023 20:17	11/1/2023 8:53	756	0

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315616	10/31/2023 20:19	11/1/2023 10:00	820	0
316997	10/31/2023 20:19	11/1/2023 10:00	820	0
313269	10/31/2023 20:19	11/1/2023 10:00	820	0
8621797	10/31/2023 20:19	11/1/2023 10:00	820	0
1465703	10/31/2023 20:19	11/1/2023 10:00	820	0
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316630	10/31/2023 20:22	11/1/2023 10:00	817	0
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1433697	10/31/2023 20:23	10/31/2023 20:29	6	0
315509	10/31/2023 20:24	11/1/2023 10:00	815	0
350753	10/31/2023 20:26	11/1/2023 10:00	813	0
1433697	10/31/2023 20:29	10/31/2023 20:52	23	0
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1432509	10/31/2023 21:11	11/1/2023 10:00	768	0
865320	10/31/2023 21:12	11/1/2023 10:00	767	0
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549596	10/31/2023 22:03	11/1/2023 10:00	716	0
353371	10/31/2023 23:00	11/1/2023 10:00	659.8	0
519373	10/31/2023 23:00	11/1/2023 10:00	659.8	0
195216	10/31/2023 23:00	11/1/2023 10:00	659.8	0
223025	10/31/2023 23:00	11/1/2023 10:00	659.8	0
281332	10/31/2023 23:00	11/1/2023 10:00	659.8	0
314188	10/31/2023 23:00	11/1/2023 8:36	576	0
11081884	10/31/2023 23:00	11/1/2023 9:38	638	0
319279	10/31/2023 23:00	11/1/2023 10:00	659.8	0
311273	10/31/2023 23:00	11/1/2023 10:00	659.8	0
11120838	10/31/2023 23:00	11/1/2023 10:00	659.8	0
198082	10/31/2023 23:00	11/1/2023 9:40	640	0
267537	10/31/2023 23:00	11/1/2023 10:00	659.8	0

70866	10/31/2023 23:00	11/1/2023 10:00	659.8	0
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195187	10/31/2023 23:00	11/1/2023 10:00	659.8	0
304785	10/31/2023 23:00	11/1/2023 8:42	582	0
304845	10/31/2023 23:00	11/1/2023 8:45	585	0
346967	10/31/2023 23:00	11/1/2023 10:00	659.8	0
342796	10/31/2023 23:00	11/1/2023 10:00	659.8	0
317797	10/31/2023 23:00	11/1/2023 8:43	583	0
315169	10/31/2023 23:00	11/1/2023 8:36	576	0
39139	10/31/2023 23:00	11/1/2023 10:00	659.8	0
262048	10/31/2023 23:00	11/1/2023 10:00	659.8	0
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587455	11/1/2023 0:28	11/1/2023 10:00	571	0
304265	11/1/2023 0:28	11/1/2023 10:00	571	0
593397	11/1/2023 0:28	11/1/2023 10:00	571	0
1321750	11/1/2023 0:28	11/1/2023 10:00	571	0
193791	11/1/2023 0:28	11/1/2023 10:00	571	0
1524033	11/1/2023 0:28	11/1/2023 9:41	553	0
627018	11/1/2023 0:28	11/1/2023 10:00	571	0
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1342974	11/1/2023 0:28	11/1/2023 10:00	571	0
1190820	11/1/2023 0:28	11/1/2023 10:00	571	0
1393633	11/1/2023 0:28	11/1/2023 10:00	571	0
511266	11/1/2023 0:28	11/1/2023 10:00	571	0
265473	11/1/2023 0:28	11/1/2023 10:00	571	0
1321663	11/1/2023 0:28	11/1/2023 10:00	571	0
309233	11/1/2023 0:28	11/1/2023 10:00	571	0
315306	11/1/2023 0:28	11/1/2023 10:00	571	0
5212517	11/1/2023 0:28	11/1/2023 10:00	571	0
315345	11/1/2023 0:28	11/1/2023 9:37	549	0
1320619	11/1/2023 0:28	11/1/2023 10:00	571	0
1309098	11/1/2023 0:28	11/1/2023 9:52	564	0
381982	11/1/2023 0:28	11/1/2023 10:00	571	0
6168330	11/1/2023 0:28	11/1/2023 10:00	571	0
664453	11/1/2023 0:28	11/1/2023 9:43	555	0
266010	11/1/2023 0:28	11/1/2023 10:00	571	0
791510	11/1/2023 0:28	11/1/2023 10:00	571	0
1390184	11/1/2023 0:28	11/1/2023 9:56	568	0
1430294	11/1/2023 0:28	11/1/2023 10:00	571	0
572916	11/1/2023 0:28	11/1/2023 10:00	571	0
1493132	11/1/2023 0:28	11/1/2023 9:15	527	0
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449377	11/1/2023 0:34	11/1/2023 0:47	13	0
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1469850	11/1/2023 7:41	11/1/2023 10:00	138.4	0
1445317	11/1/2023 7:55	11/1/2023 10:00	124	0
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309961	11/1/2023 8:19	11/1/2023 10:00	100	0
1466445	11/1/2023 8:21	11/1/2023 10:00	98.4	0
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51483	11/1/2023 8:31	11/1/2023 10:00	88	0
1466638	11/1/2023 8:33	11/1/2023 9:30	57	0
7902724	11/1/2023 8:35	11/1/2023 9:35	60	0
314188	11/1/2023 8:36	11/1/2023 10:00	83.8	0
1556923	11/1/2023 8:36	11/1/2023 10:00	83.4	0
315169	11/1/2023 8:36	11/1/2023 10:00	83.8	0
8511623	11/1/2023 8:39	11/1/2023 10:00	80	0
304785	11/1/2023 8:42	11/1/2023 10:00	77.8	0
317797	11/1/2023 8:43	11/1/2023 10:00	76.8	0
304845	11/1/2023 8:45	11/1/2023 10:00	74.8	0
8910809	11/1/2023 8:46	11/1/2023 10:00	73	0
1076617	11/1/2023 8:53	11/1/2023 10:00	66	0
8909293	11/1/2023 8:54	11/1/2023 10:00	65	0
454901	11/1/2023 8:56	11/1/2023 10:00	63.15	0
223128	11/1/2023 9:01	11/1/2023 10:00	58.8	0
1516739	11/1/2023 9:09	11/1/2023 9:40	31	0
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1447211	11/1/2023 9:13	11/1/2023 10:00	46.4	0
1493132	11/1/2023 9:15	11/1/2023 10:00	44	0
197561	11/1/2023 9:21	11/1/2023 10:00	38	0
195839	11/1/2023 9:22	11/1/2023 10:00	37	0
197690	11/1/2023 9:22	11/1/2023 10:00	37	0
197629	11/1/2023 9:23	11/1/2023 10:00	36	0
195666	11/1/2023 9:23	11/1/2023 10:00	36	0
11009258	11/1/2023 9:24	11/1/2023 10:00	35.8	0
523489	11/1/2023 9:24	11/1/2023 10:00	35.8	0
1405290	11/1/2023 9:24	11/1/2023 10:00	36	0
196408	11/1/2023 9:25	11/1/2023 10:00	34	0
1321605	11/1/2023 9:27	11/1/2023 10:00	32	0
1393699	11/1/2023 9:28	11/1/2023 10:00	31	0
10510361	11/1/2023 9:28	11/1/2023 10:00	31.8	0
1466638	11/1/2023 9:30	11/1/2023 10:00	29	0
315730	11/1/2023 9:31	11/1/2023 10:00	28	0
1494722	11/1/2023 9:31	11/1/2023 10:00	28	0
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623069	11/1/2023 9:37	11/1/2023 10:00	22.15	0
605186	11/1/2023 9:38	11/1/2023 10:00	21	0
11081884	11/1/2023 9:38	11/1/2023 10:00	21.8	0
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198082	11/1/2023 9:40	11/1/2023 10:00	19.8	0
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1282057	11/1/2023 9:45	11/1/2023 10:00	15	0
1573666	11/1/2023 9:46	11/1/2023 10:00	13	0
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326453	11/1/2023 9:51	11/1/2023 10:00	8	0
1309098	11/1/2023 9:52	11/1/2023 10:00	7	0
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740241	11/1/2023 9:52	11/1/2023 10:00	7	0
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7902724	11/1/2023 9:55	11/1/2023 10:00	4	0
9063373	11/1/2023 9:56	11/1/2023 10:00	3	0
455345	11/1/2023 9:56	11/1/2023 10:00	3	0
454861	11/1/2023 9:56	11/1/2023 10:00	3	0
1390184	11/1/2023 9:56	11/1/2023 10:00	3	0
1394324	11/1/2023 9:56	11/1/2023 10:00	3	0
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455994	11/1/2023 9:57	11/1/2023 10:00	2	0
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1433697	11/1/2023 9:58	11/1/2023 10:00	1.2	0
8910809	11/1/2023 10:00	11/2/2023 0:28	868	0
1310926	11/1/2023 10:00	11/2/2023 0:28	868	0.24

623069	11/1/2023 10:00	11/1/2023 19:08	548	0
10510361	11/1/2023 10:00	11/1/2023 19:11	551	0
392754	11/1/2023 10:00	11/2/2023 10:00	1439.15	0
342796	11/1/2023 10:00	11/1/2023 19:11	551	0.29
1416360	11/1/2023 10:00	11/1/2023 19:18	558	0
1547692	11/1/2023 10:00	11/1/2023 11:37	97	0
308959	11/1/2023 10:00	11/1/2023 19:14	554	0.56
1553065	11/1/2023 10:00	11/1/2023 11:38	98	0
56164	11/1/2023 10:00	11/2/2023 0:28	868	0.09
523489	11/1/2023 10:00	11/1/2023 19:14	554	0.47
1447211	11/1/2023 10:00	11/1/2023 15:13	313	0
564357	11/1/2023 10:00	11/2/2023 10:00	1439	0
315169	11/1/2023 10:00	11/1/2023 19:10	550	0
1415828	11/1/2023 10:00	11/1/2023 19:08	548	0
1556243	11/1/2023 10:00	11/1/2023 14:37	277	0
623612	11/1/2023 10:00	11/1/2023 19:18	558	0
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314188	11/1/2023 10:00	11/1/2023 19:11	551	0
353371	11/1/2023 10:00	11/1/2023 19:19	559	0.21
317797	11/1/2023 10:00	11/1/2023 19:10	550	0
51957	11/1/2023 10:00	11/2/2023 0:28	868	1.11
11081884	11/1/2023 10:00	11/1/2023 19:18	558	0
469018	11/1/2023 10:00	11/1/2023 20:09	609	0
195216	11/1/2023 10:00	11/1/2023 19:14	554	0
1466357	11/1/2023 10:00	11/1/2023 19:10	550	0
51483	11/1/2023 10:00	11/2/2023 0:28	868	0.19
596091	11/1/2023 10:00	11/2/2023 10:00	1439	0
264186	11/1/2023 10:00	11/2/2023 10:00	1439	0
1466445	11/1/2023 10:00	11/1/2023 13:43	223	0
53030	11/1/2023 10:00	11/2/2023 0:28	868	0
55232	11/1/2023 10:00	11/2/2023 0:28	868	0
8950281	11/1/2023 10:00	11/2/2023 0:28	868	0
705447	11/1/2023 10:00	11/2/2023 10:00	1439	0
552210	11/1/2023 10:00	11/1/2023 19:09	549	0
1556923	11/1/2023 10:00	11/1/2023 19:19	559	0
280780	11/1/2023 10:00	11/1/2023 11:23	83	0
1405290	11/1/2023 10:00	11/1/2023 19:13	553	0.07
1027973	11/1/2023 10:00	11/1/2023 13:30	210	0
1551513	11/1/2023 10:00	11/1/2023 12:37	157	0.1
11009258	11/1/2023 10:00	11/1/2023 19:14	554	0
1282057	11/1/2023 10:00	11/1/2023 11:32	92	0
1430294	11/1/2023 10:00	11/1/2023 20:08	608	0.07
198082	11/1/2023 10:00	11/1/2023 19:16	556	0
55854	11/1/2023 10:00	11/2/2023 0:28	868	0
1394365	11/1/2023 10:00	11/1/2023 11:20	80	0
54382	11/1/2023 10:00	11/2/2023 0:28	868	0.09
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1272457	11/1/2023 10:02	11/2/2023 10:00	1437	0
267537	11/1/2023 10:03	11/1/2023 19:15	552	0
454901	11/1/2023 10:04	11/1/2023 11:07	63	0
197561	11/1/2023 10:05	11/1/2023 20:37	632	0
281332	11/1/2023 10:05	11/1/2023 19:09	544	0
1538194	11/1/2023 10:06	11/1/2023 20:21	615	0.08
624953	11/1/2023 10:06	11/1/2023 11:09	63	0
197690	11/1/2023 10:06	11/1/2023 20:08	602	0
1390184	11/1/2023 10:06	11/1/2023 11:36	90	0
196408	11/1/2023 10:06	11/2/2023 0:28	862	0.06
195839	11/1/2023 10:07	11/1/2023 20:08	601	0.08
312766	11/1/2023 10:07	11/2/2023 0:28	861	0.35
1309098	11/1/2023 10:07	11/1/2023 20:07	600	0.48
624628	11/1/2023 10:07	11/1/2023 11:04	57	0
9063373	11/1/2023 10:07	11/1/2023 11:20	73	0
854585	11/1/2023 10:07	11/1/2023 20:11	604	0.31
193420	11/1/2023 10:07	11/2/2023 9:38	1411	0
1394324	11/1/2023 10:07	11/1/2023 11:20	73	0
956968	11/1/2023 10:07	11/2/2023 0:28	861	0
854579	11/1/2023 10:07	11/1/2023 20:25	618	0
1538102	11/1/2023 10:07	11/2/2023 1:46	939	0.19
605186	11/1/2023 10:07	11/1/2023 11:51	104	0
197629	11/1/2023 10:08	11/2/2023 0:28	860	0.15
8524544	11/1/2023 10:08	11/2/2023 0:28	860	0.05
1538195	11/1/2023 10:08	11/1/2023 20:12	604	0.16
195666	11/1/2023 10:08	11/1/2023 11:23	75	0
1320619	11/1/2023 10:08	11/1/2023 11:05	57	0
624716	11/1/2023 10:08	11/2/2023 10:00	1431	0
852071	11/1/2023 10:08	11/1/2023 20:10	602	0.61
740241	11/1/2023 10:08	11/1/2023 11:35	87	0
1538299	11/1/2023 10:08	11/1/2023 20:10	602	0
627289	11/1/2023 10:08	11/1/2023 11:07	59	0
1511264	11/1/2023 10:08	11/2/2023 0:28	860	0
623871	11/1/2023 10:08	11/1/2023 11:07	59	0
627018	11/1/2023 10:08	11/1/2023 11:05	57	0
1076617	11/1/2023 10:08	11/1/2023 11:53	105	0.4
8495805	11/1/2023 10:08	11/1/2023 13:54	226	0
313269	11/1/2023 10:09	11/2/2023 0:28	859	0
1511251	11/1/2023 10:09	11/2/2023 0:28	859	0
315708	11/1/2023 10:09	11/2/2023 0:28	859	1.08
1321605	11/1/2023 10:09	11/2/2023 0:28	859	0.12
1320646	11/1/2023 10:09	11/1/2023 11:00	51	0
315484	11/1/2023 10:10	11/1/2023 20:08	598	0
1516739	11/1/2023 10:10	11/1/2023 11:37	87	0
519373	11/1/2023 10:10	11/1/2023 19:21	551	0.92
8511623	11/1/2023 10:10	11/2/2023 0:28	858	0
1320008	11/1/2023 10:10	11/1/2023 20:04	594	0.2

315090	11/1/2023 10:10	11/2/2023 0:28	858	0.15
6761269	11/1/2023 10:11	11/1/2023 20:13	602	0.09
315509	11/1/2023 10:11	11/2/2023 0:28	857	0.26
664453	11/1/2023 10:11	11/1/2023 21:18	667	1
1463520	11/1/2023 10:11	11/1/2023 20:09	598	0.19
1517059	11/1/2023 10:11	11/1/2023 11:41	90	0
1494722	11/1/2023 10:12	11/2/2023 0:35	863	0.58
1453263	11/1/2023 10:12	11/1/2023 11:12	60	0
304295	11/1/2023 10:12	11/1/2023 11:45	93	0
1447297	11/1/2023 10:12	11/1/2023 11:24	72	0
1445317	11/1/2023 10:12	11/2/2023 0:28	856	0
8486022	11/1/2023 10:12	11/2/2023 0:28	856	0
1700586	11/1/2023 10:12	11/2/2023 0:28	856	0
553863	11/1/2023 10:12	11/1/2023 11:41	89	0
353651	11/1/2023 10:12	11/1/2023 11:47	95	0
6995795	11/1/2023 10:12	11/1/2023 20:14	602	0.13
7879030	11/1/2023 10:13	11/2/2023 0:28	855	0
381982	11/1/2023 10:13	11/1/2023 20:13	600	0
1565203	11/1/2023 10:13	11/1/2023 20:13	600	0
346288	11/1/2023 10:13	11/2/2023 0:28	855	0
10714479	11/1/2023 10:13	11/1/2023 11:25	72	0
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380057	11/1/2023 10:13	11/2/2023 0:28	855	0
1406535	11/1/2023 10:14	11/2/2023 0:28	854	0.16
1449371	11/1/2023 10:14	11/2/2023 0:28	854	0.02
1393699	11/1/2023 10:14	11/2/2023 0:28	854	0.45
158427	11/1/2023 10:15	11/1/2023 19:08	533	0
262048	11/1/2023 10:16	11/1/2023 11:03	47	0
7902724	11/1/2023 10:16	11/1/2023 11:08	52	0
6657618	11/1/2023 10:16	11/1/2023 11:45	89	0
309233	11/1/2023 10:16	11/2/2023 10:00	1423	0
309961	11/1/2023 10:17	11/2/2023 0:28	851	0
1020565	11/1/2023 10:17	11/1/2023 13:18	181	0.03
1554218	11/1/2023 10:18	11/1/2023 15:21	303	0
1466638	11/1/2023 10:18	11/2/2023 0:28	850	0
1624452	11/1/2023 10:18	11/2/2023 0:28	850	0
308032	11/1/2023 10:18	11/1/2023 11:51	93	0.39
1557303	11/1/2023 10:18	11/1/2023 15:19	301	0.06
1591422	11/1/2023 10:18	11/1/2023 11:47	89	0
1557100	11/1/2023 10:18	11/2/2023 0:28	850	0
572882	11/1/2023 10:18	11/1/2023 11:33	75	0.11
315730	11/1/2023 10:18	11/1/2023 20:14	596	0.22
1556246	11/1/2023 10:18	11/1/2023 15:35	317	0.78
1463218	11/1/2023 10:19	11/1/2023 14:19	240	0
449036	11/1/2023 10:19	11/1/2023 14:33	254	0.26
39139	11/1/2023 10:19	11/1/2023 13:17	178	0
1556565	11/1/2023 10:19	11/2/2023 0:28	849	0

8717997	11/1/2023 10:20	11/2/2023 0:28	848	0
1557188	11/1/2023 10:20	11/1/2023 15:20	300	0
1464949	11/1/2023 10:21	11/1/2023 14:21	240	0.28
309265	11/1/2023 10:21	11/1/2023 11:50	89	0
274125	11/1/2023 10:21	11/2/2023 0:28	847	0.11
1343091	11/1/2023 10:22	11/2/2023 0:28	846	0
572916	11/1/2023 10:22	11/1/2023 11:37	75	0.07
1556486	11/1/2023 10:22	11/2/2023 0:28	846	0
498070	11/1/2023 10:22	11/1/2023 14:19	237	0.28
6714863	11/1/2023 10:22	11/1/2023 11:56	94	0
1521655	11/1/2023 10:23	11/1/2023 14:08	225	0
496500	11/1/2023 10:23	11/1/2023 14:22	239	0.18
309944	11/1/2023 10:23	11/1/2023 11:52	89	0.1
793285	11/1/2023 10:23	11/1/2023 11:52	89	0
315306	11/1/2023 10:23	11/1/2023 20:17	594	0.71
119833	11/1/2023 10:23	11/2/2023 0:28	845	0.12
2032900	11/1/2023 10:23	11/2/2023 0:28	845	0
790670	11/1/2023 10:23	11/1/2023 11:56	93	0.02
1520371	11/1/2023 10:23	11/1/2023 14:09	226	0
1342974	11/1/2023 10:24	11/1/2023 20:07	583	0
8104722	11/1/2023 10:24	11/1/2023 11:24	60	0
315346	11/1/2023 10:24	11/1/2023 20:11	587	0
316997	11/1/2023 10:25	11/1/2023 20:18	593	0.04
793638	11/1/2023 10:25	11/1/2023 11:58	93	0.05
378229	11/1/2023 10:25	11/2/2023 0:28	843	0.95
317084	11/1/2023 10:26	11/1/2023 19:17	531	0
315345	11/1/2023 10:26	11/1/2023 20:11	585	0.02
345647	11/1/2023 10:27	11/2/2023 0:28	841	0
8148103	11/1/2023 10:27	11/2/2023 0:28	841	0.02
791510	11/1/2023 10:27	11/1/2023 11:56	89	0
317233	11/1/2023 10:27	11/1/2023 20:03	576	0.46
1433697	11/1/2023 10:29	11/1/2023 20:23	594	0
7533405	11/1/2023 10:29	11/1/2023 11:42	73	0
1019446	11/1/2023 10:30	11/1/2023 11:32	62	0
1670039	11/1/2023 10:30	11/1/2023 14:26	236	0
326453	11/1/2023 10:31	11/1/2023 13:05	154	0
8621797	11/1/2023 10:32	11/1/2023 11:46	74	0
328570	11/1/2023 10:33	11/1/2023 11:35	62	0.12
1430838	11/1/2023 10:33	11/2/2023 0:28	835	0
6162958	11/1/2023 10:33	11/1/2023 11:36	63	0
326791	11/1/2023 10:33	11/1/2023 11:36	63	0
1430553	11/1/2023 10:34	11/2/2023 0:28	834	0.65
455994	11/1/2023 10:34	11/1/2023 11:21	47	0
328594	11/1/2023 10:34	11/1/2023 11:37	63	0
8502011	11/1/2023 10:35	11/2/2023 0:28	833	0.33
1556919	11/1/2023 10:35	11/2/2023 0:28	833	0
1546695	11/1/2023 10:36	11/1/2023 11:37	61	0

926638	11/1/2023 10:36	11/1/2023 19:03	507	0
792446	11/1/2023 10:38	11/2/2023 0:28	830	0.12
793937	11/1/2023 10:39	11/2/2023 0:29	830	0
1190246	11/1/2023 10:39	11/1/2023 11:40	61	0
1552154	11/1/2023 10:39	11/1/2023 11:39	60	0.01
1549376	11/1/2023 10:39	11/1/2023 11:24	45	0
801004	11/1/2023 10:39	11/2/2023 0:28	829	0
800600	11/1/2023 10:39	11/1/2023 20:04	565	0
1524033	11/1/2023 10:39	11/1/2023 14:11	212	0.39
800588	11/1/2023 10:39	11/1/2023 20:03	564	0.22
1432940	11/1/2023 10:40	11/1/2023 20:10	570	0
791361	11/1/2023 10:40	11/2/2023 0:28	828	0
793737	11/1/2023 10:40	11/2/2023 0:28	828	0.2
1549436	11/1/2023 10:41	11/1/2023 11:22	41	0
800590	11/1/2023 10:42	11/2/2023 0:28	826	0.12
1573666	11/1/2023 10:43	11/1/2023 11:47	64	0
1525793	11/1/2023 10:44	11/1/2023 11:47	63	0
353728	11/1/2023 10:45	11/1/2023 13:46	181	0
416557	11/1/2023 10:45	11/1/2023 20:05	560	0
10628562	11/1/2023 10:48	11/1/2023 11:30	42	0
449377	11/1/2023 10:49	11/1/2023 11:39	50	0
1521914	11/1/2023 10:52	11/1/2023 14:23	211	0
1519715	11/1/2023 10:52	11/1/2023 14:27	215	0.08
8068454	11/1/2023 10:52	11/2/2023 0:28	816	0.79
196965	11/1/2023 10:53	11/2/2023 0:28	815	0.07
382040	11/1/2023 10:54	11/2/2023 10:00	1385	0.01
793690	11/1/2023 10:54	11/1/2023 11:58	64	0
70277	11/1/2023 10:54	11/2/2023 0:28	814	0
325050	11/1/2023 10:54	11/1/2023 11:54	60	0
1519179	11/1/2023 10:57	11/1/2023 14:11	194	0
1301093	11/1/2023 10:59	11/2/2023 0:28	809	0.69
392223	11/1/2023 11:00	11/2/2023 10:00	1379	0
507365	11/1/2023 11:00	11/2/2023 0:28	808	0
423930	11/1/2023 11:00	11/1/2023 11:47	47	0
350753	11/1/2023 11:00	11/2/2023 0:28	808	0.08
1320646	11/1/2023 11:00	11/1/2023 20:10	550	0.28
324045	11/1/2023 11:01	11/1/2023 11:55	54	0
511266	11/1/2023 11:01	11/1/2023 20:17	556	0
1515964	11/1/2023 11:02	11/1/2023 11:33	31	0
1321750	11/1/2023 11:02	11/1/2023 20:09	547	0.24
262048	11/1/2023 11:03	11/1/2023 11:19	16	0.14
197356	11/1/2023 11:03	11/2/2023 0:28	805	0
1251782	11/1/2023 11:03	11/2/2023 0:28	805	2.42
428179	11/1/2023 11:03	11/2/2023 10:00	1376	0
1431804	11/1/2023 11:04	11/2/2023 0:28	804	0
456099	11/1/2023 11:04	11/1/2023 11:36	32	0
510307	11/1/2023 11:04	11/2/2023 0:28	804	0

450309	11/1/2023 11:04	11/2/2023 10:00	1375	0
455345	11/1/2023 11:04	11/1/2023 11:35	31	0
1537992	11/1/2023 11:04	11/2/2023 0:28	804	0
624628	11/1/2023 11:04	11/2/2023 0:28	804	0
1537548	11/1/2023 11:04	11/2/2023 0:28	804	0.12
457729	11/1/2023 11:04	11/1/2023 11:34	30	0
454861	11/1/2023 11:04	11/1/2023 11:36	32	0
1432827	11/1/2023 11:05	11/2/2023 0:28	803	0
1537353	11/1/2023 11:05	11/2/2023 0:28	803	0.06
1537447	11/1/2023 11:05	11/2/2023 0:28	803	0.22
1537547	11/1/2023 11:05	11/2/2023 0:28	803	0
1320619	11/1/2023 11:05	11/1/2023 20:05	540	0
627018	11/1/2023 11:05	11/1/2023 20:05	540	0.05
455629	11/1/2023 11:07	11/1/2023 11:34	27	0
627289	11/1/2023 11:07	11/2/2023 0:28	801	0.09
601397	11/1/2023 11:07	11/1/2023 11:54	47	0
623871	11/1/2023 11:07	11/1/2023 20:08	541	0
454901	11/1/2023 11:07	11/1/2023 13:20	133	0.13
1537989	11/1/2023 11:08	11/2/2023 0:28	800	0.08
7902724	11/1/2023 11:08	11/1/2023 16:05	297	0
1537541	11/1/2023 11:09	11/2/2023 0:28	799	0.04
1446785	11/1/2023 11:09	11/2/2023 0:28	799	0.07
378789	11/1/2023 11:09	11/1/2023 11:25	16	0
457978	11/1/2023 11:09	11/1/2023 11:35	26	0
624953	11/1/2023 11:09	11/2/2023 0:28	799	0
319279	11/1/2023 11:09	11/1/2023 19:17	488	0
378919	11/1/2023 11:10	11/1/2023 11:25	15	0.02
1602508	11/1/2023 11:12	11/2/2023 0:28	796	0
1453263	11/1/2023 11:12	11/1/2023 13:42	150	0
816722	11/1/2023 11:14	11/1/2023 19:58	524	0
1518241	11/1/2023 11:14	11/1/2023 11:45	31	0
1376158	11/1/2023 11:14	11/1/2023 11:45	31	0
1595324	11/1/2023 11:15	11/1/2023 11:31	16	0
1465703	11/1/2023 11:16	11/2/2023 0:28	792	0
817825	11/1/2023 11:16	11/2/2023 0:28	792	0
817260	11/1/2023 11:16	11/1/2023 20:15	539	0.45
1378273	11/1/2023 11:16	11/1/2023 11:47	31	0
280364	11/1/2023 11:18	11/2/2023 0:28	790	0
262048	11/1/2023 11:19	11/1/2023 13:45	146	0.52
1377926	11/1/2023 11:19	11/1/2023 11:45	26	0
9399863	11/1/2023 11:20	11/2/2023 0:28	788	0
1394324	11/1/2023 11:20	11/1/2023 11:36	16	0
1394365	11/1/2023 11:20	11/1/2023 11:35	15	0
9063373	11/1/2023 11:20	11/1/2023 11:36	16	0
455994	11/1/2023 11:21	11/1/2023 11:37	16	0
1549436	11/1/2023 11:22	11/1/2023 11:38	16	0
275018	11/1/2023 11:22	11/1/2023 20:09	527	0

280780	11/1/2023 11:23	11/1/2023 20:15	532	0
195749	11/1/2023 11:23	11/2/2023 0:28	785	0.13
1093833	11/1/2023 11:23	11/1/2023 11:39	16	0
195666	11/1/2023 11:23	11/2/2023 0:28	785	0
317126	11/1/2023 11:24	11/2/2023 0:28	784	0
1549376	11/1/2023 11:24	11/1/2023 11:40	16	0.02
8104722	11/1/2023 11:24	11/2/2023 0:28	784	0.7
1447297	11/1/2023 11:24	11/1/2023 16:12	288	0
645339	11/1/2023 11:24	11/2/2023 0:28	784	0
1444915	11/1/2023 11:24	11/2/2023 0:28	784	0
878149	11/1/2023 11:24	11/1/2023 11:55	31	0
314899	11/1/2023 11:25	11/2/2023 0:28	783	0
8387677	11/1/2023 11:25	11/2/2023 0:28	783	0
378789	11/1/2023 11:25	11/1/2023 20:07	522	0.35
224273	11/1/2023 11:25	11/2/2023 10:00	1354.8	0
10714479	11/1/2023 11:25	11/1/2023 16:12	287	0.08
509102	11/1/2023 11:25	11/2/2023 0:28	783	0
378919	11/1/2023 11:25	11/2/2023 0:28	783	0.56
511223	11/1/2023 11:25	11/2/2023 0:28	783	0
571420	11/1/2023 11:26	11/1/2023 15:29	243	0
8590289	11/1/2023 11:26	11/2/2023 0:28	782	0.1
1445967	11/1/2023 11:27	11/1/2023 19:57	510	0
1445140	11/1/2023 11:27	11/2/2023 0:28	781	0
564518	11/1/2023 11:27	11/1/2023 11:42	15	0
1445266	11/1/2023 11:28	11/2/2023 0:28	780	0.21
10628562	11/1/2023 11:30	11/1/2023 14:06	156	0
1343695	11/1/2023 11:31	11/1/2023 20:04	513	0
259674	11/1/2023 11:31	11/1/2023 14:16	165	0
1514004	11/1/2023 11:31	11/1/2023 12:02	31	0
1595324	11/1/2023 11:31	11/1/2023 14:08	157	0
1282057	11/1/2023 11:32	11/1/2023 11:58	26	0
1019446	11/1/2023 11:32	11/1/2023 11:58	26	0.08
1515964	11/1/2023 11:33	11/1/2023 12:00	27	0
572882	11/1/2023 11:33	11/1/2023 11:49	16	0.09
457729	11/1/2023 11:34	11/1/2023 12:06	32	0
455629	11/1/2023 11:34	11/1/2023 12:05	31	0
265864	11/1/2023 11:34	11/2/2023 1:05	811	0.2
926505	11/1/2023 11:34	11/2/2023 0:28	774	0
457978	11/1/2023 11:35	11/1/2023 14:07	152	0
328570	11/1/2023 11:35	11/1/2023 11:45	10	0
1394365	11/1/2023 11:35	11/2/2023 0:28	773	0.05
455345	11/1/2023 11:35	11/1/2023 12:07	32	0
740241	11/1/2023 11:35	11/1/2023 11:51	16	0
9063373	11/1/2023 11:36	11/2/2023 0:28	772	0
454861	11/1/2023 11:36	11/1/2023 12:03	27	0.07
1390184	11/1/2023 11:36	11/1/2023 20:10	514	0.13
326791	11/1/2023 11:36	11/1/2023 11:47	11	0

456099	11/1/2023 11:36	11/1/2023 12:07	31	0
6162958	11/1/2023 11:36	11/1/2023 11:47	11	0
1394324	11/1/2023 11:36	11/2/2023 0:28	772	0
328594	11/1/2023 11:37	11/1/2023 11:47	10	0
455994	11/1/2023 11:37	11/1/2023 12:03	26	0
1547692	11/1/2023 11:37	11/1/2023 13:23	106	0
1555268	11/1/2023 11:37	11/1/2023 12:40	63	0
1546695	11/1/2023 11:37	11/1/2023 12:40	63	0
572916	11/1/2023 11:37	11/1/2023 11:52	15	0
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1093833	11/1/2023 11:39	11/1/2023 12:26	47	0
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328113	11/1/2023 11:44	11/1/2023 14:27	163	0.25
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328570	11/1/2023 11:45	11/1/2023 16:43	298	0.14
6657618	11/1/2023 11:45	11/1/2023 12:01	16	0
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791510	11/1/2023 11:56	11/1/2023 14:28	152	0.15
6714863	11/1/2023 11:56	11/1/2023 14:27	151	0.06
1282057	11/1/2023 11:58	11/1/2023 13:07	69	0
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1282057	11/1/2023 13:13	11/1/2023 13:28	15	0
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1282057	11/1/2023 13:28	11/1/2023 13:44	16	0
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304785	11/1/2023 13:44	11/1/2023 19:14	330	0.03
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7533405	11/1/2023 14:13	11/1/2023 14:44	31	0
304295	11/1/2023 14:13	11/1/2023 14:45	32	0
1019446	11/1/2023 14:14	11/1/2023 14:30	16	0
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259674	11/1/2023 14:16	11/2/2023 0:28	612	0
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8495802	11/1/2023 14:17	11/1/2023 14:33	16	0.34
457978	11/1/2023 14:18	11/2/2023 0:28	610	0
457729	11/1/2023 14:18	11/2/2023 0:28	610	0
1573666	11/1/2023 14:18	11/1/2023 15:47	89	0
455994	11/1/2023 14:19	11/2/2023 0:28	609	0.26
1463218	11/1/2023 14:19	11/1/2023 14:35	16	0
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455345	11/1/2023 14:21	11/2/2023 0:28	607	0
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324045	11/1/2023 14:22	11/1/2023 15:25	63	0
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1549436	11/1/2023 14:24	11/1/2023 14:40	16	0
740241	11/1/2023 14:24	11/1/2023 14:50	26	0
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793285	11/1/2023 14:26	11/1/2023 14:42	16	0
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1519715	11/1/2023 14:27	11/2/2023 0:28	601	0
328113	11/1/2023 14:27	11/1/2023 14:48	21	0
791510	11/1/2023 14:28	11/1/2023 20:09	341	0.08
1247921	11/1/2023 14:28	11/1/2023 14:39	11	0.2
793690	11/1/2023 14:28	11/1/2023 14:39	11	0
1190246	11/1/2023 14:28	11/1/2023 14:38	10	0
1518241	11/1/2023 14:29	11/1/2023 14:45	16	0
1019446	11/1/2023 14:30	11/1/2023 15:17	47	0
1190820	11/1/2023 14:30	11/1/2023 14:40	10	0
1591422	11/1/2023 14:30	11/1/2023 15:01	31	0
8495802	11/1/2023 14:33	11/1/2023 14:48	15	0.39
449377	11/1/2023 14:33	11/1/2023 15:11	38	0
267367	11/1/2023 14:33	11/1/2023 20:14	341	0.02
449036	11/1/2023 14:33	11/1/2023 15:04	31	0
729928	11/1/2023 14:34	11/1/2023 15:16	42	0
267439	11/1/2023 14:35	11/1/2023 20:14	339	0
914462	11/1/2023 14:35	11/2/2023 0:28	593	0
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45637	11/1/2023 14:35	11/1/2023 20:11	336	0
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572882	11/1/2023 14:36	11/1/2023 20:12	336	0
188639	11/1/2023 14:36	11/2/2023 10:00	1163	0
1555376	11/1/2023 14:36	11/1/2023 20:16	340	0
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572916	11/1/2023 14:37	11/1/2023 20:07	330	0
1524033	11/1/2023 14:37	11/1/2023 20:08	331	0.09
499998	11/1/2023 14:37	11/2/2023 0:28	591	0.12

121750	11/1/2023 14:37	11/2/2023 0:28	591	0
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23566	11/1/2023 14:37	11/2/2023 0:28	591	0
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7902724	11/1/2023 16:05	11/1/2023 16:20	15	0
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10714479	11/1/2023 16:59	11/2/2023 0:28	449	0

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317797	11/1/2023 19:10	11/2/2023 8:45	815	0
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10510361	11/1/2023 19:11	11/2/2023 10:00	888.8	0
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342796	11/1/2023 19:11	11/2/2023 9:06	835	0
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1447211	11/1/2023 19:14	11/2/2023 10:00	885.4	0
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319279	11/1/2023 19:17	11/2/2023 10:00	882.8	0
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1093833	11/1/2023 20:08	11/2/2023 10:00	831	0
1524033	11/1/2023 20:08	11/2/2023 10:00	831	0
469018	11/1/2023 20:09	11/2/2023 9:53	824	0

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275018	11/1/2023 20:09	11/2/2023 9:37	808	0
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99902	11/1/2023 20:12	11/2/2023 10:00	827	0
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267439	11/1/2023 20:14	11/2/2023 10:00	825	0
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1451744	11/1/2023 20:15	11/2/2023 10:00	824	0
280780	11/1/2023 20:15	11/2/2023 10:00	824	0
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817260	11/1/2023 20:15	11/2/2023 10:00	824	0
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25066	11/1/2023 20:16	11/2/2023 10:00	823	0
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315306	11/1/2023 20:17	11/2/2023 10:00	822	0
511266	11/1/2023 20:17	11/2/2023 10:00	822	0
1681747	11/1/2023 20:18	11/2/2023 10:00	821	0
619266	11/1/2023 20:18	11/2/2023 10:00	821	0
316997	11/1/2023 20:18	11/2/2023 10:00	821	0
1493132	11/1/2023 20:19	11/2/2023 10:00	820	0
1538194	11/1/2023 20:21	11/2/2023 10:00	818	0
449377	11/1/2023 20:21	11/2/2023 0:02	221	0
1433697	11/1/2023 20:23	11/1/2023 20:29	6	0
326791	11/1/2023 20:23	11/2/2023 10:00	816	0
324045	11/1/2023 20:24	11/2/2023 10:00	815	0
854579	11/1/2023 20:25	11/2/2023 9:59	814	0
353728	11/1/2023 20:25	11/2/2023 10:00	814	0
1433697	11/1/2023 20:29	11/1/2023 21:23	54	0
740241	11/1/2023 20:32	11/2/2023 10:00	807	0
197561	11/1/2023 20:37	11/2/2023 10:00	802	0
664453	11/1/2023 21:18	11/2/2023 9:38	740	0
1433697	11/1/2023 21:23	11/1/2023 21:29	6	0
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1378582	11/1/2023 23:57	11/2/2023 10:00	602	0
449377	11/2/2023 0:02	11/2/2023 1:07	65	0
1556246	11/2/2023 0:28	11/2/2023 10:00	571	0
449036	11/2/2023 0:28	11/2/2023 10:00	571	0
624628	11/2/2023 0:28	11/2/2023 10:00	571	0
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9993140	11/2/2023 0:28	11/2/2023 10:00	571	0
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1343091	11/2/2023 0:28	11/2/2023 10:00	571	0
800590	11/2/2023 0:28	11/2/2023 10:00	571	0
8734029	11/2/2023 0:28	11/2/2023 10:00	571	0
581074	11/2/2023 0:28	11/2/2023 10:00	571	0
498070	11/2/2023 0:28	11/2/2023 10:00	571	0
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55854	11/2/2023 0:28	11/2/2023 10:00	571	0

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8524544	11/2/2023 0:28	11/2/2023 10:00	571	0
8434548	11/2/2023 0:28	11/2/2023 10:00	571	0
1321605	11/2/2023 0:28	11/2/2023 9:47	559	0
1450250	11/2/2023 0:28	11/2/2023 10:00	571	0
1394324	11/2/2023 0:28	11/2/2023 10:00	571	0
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312766	11/2/2023 0:28	11/2/2023 10:00	571	0
1431804	11/2/2023 0:28	11/2/2023 10:00	571	0
1378273	11/2/2023 0:28	11/2/2023 10:00	571	0
457978	11/2/2023 0:28	11/2/2023 9:06	518	0
1518241	11/2/2023 0:28	11/2/2023 7:59	451	0
315708	11/2/2023 0:28	11/2/2023 10:00	571	0
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259674	11/2/2023 0:28	11/2/2023 10:00	571	0
790670	11/2/2023 0:28	11/2/2023 10:00	571	0
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793737	11/2/2023 0:28	11/2/2023 10:00	571	0
457729	11/2/2023 0:28	11/2/2023 9:03	515	0
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1537541	11/2/2023 0:28	11/2/2023 10:00	571	0
8104722	11/2/2023 0:28	11/2/2023 9:41	553	0
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315090	11/2/2023 0:28	11/2/2023 10:00	571	0
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325050	11/2/2023 0:28	11/2/2023 10:00	571	0
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878149	11/2/2023 0:28	11/2/2023 10:00	571	0
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549596	11/2/2023 0:28	11/2/2023 10:00	571	0
345647	11/2/2023 0:28	11/2/2023 10:00	571	0
801004	11/2/2023 0:28	11/2/2023 10:00	571	0
1393699	11/2/2023 0:28	11/2/2023 9:49	561	0
1417279	11/2/2023 0:28	11/2/2023 10:00	571	0
346288	11/2/2023 0:28	11/2/2023 10:00	571	0
1537547	11/2/2023 0:28	11/2/2023 10:00	571	0

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499998	11/2/2023 0:28	11/2/2023 10:00	571	0
1361543	11/2/2023 0:28	11/2/2023 10:00	571	0
8950281	11/2/2023 0:28	11/2/2023 9:16	528	0
916441	11/2/2023 0:28	11/2/2023 10:00	571	0
51957	11/2/2023 0:28	11/2/2023 9:19	531	0
378229	11/2/2023 0:28	11/2/2023 10:00	571	0
1449371	11/2/2023 0:28	11/2/2023 10:00	571	0
1537992	11/2/2023 0:28	11/2/2023 10:00	571	0
48217	11/2/2023 0:28	11/2/2023 10:00	571	0
1251782	11/2/2023 0:28	11/2/2023 10:00	571	0
1556919	11/2/2023 0:28	11/2/2023 9:32	544	0
1465703	11/2/2023 0:28	11/2/2023 10:00	571	0
1602508	11/2/2023 0:28	11/2/2023 10:00	571	0
1394365	11/2/2023 0:28	11/2/2023 10:00	571	0
510307	11/2/2023 0:28	11/2/2023 10:00	571	0
1452193	11/2/2023 0:28	11/2/2023 10:00	571	0
1555609	11/2/2023 0:28	11/2/2023 10:00	571	0
1444915	11/2/2023 0:28	11/2/2023 10:00	571	0
1445140	11/2/2023 0:28	11/2/2023 10:00	571	0
7902724	11/2/2023 0:28	11/2/2023 8:35	487	0
793285	11/2/2023 0:28	11/2/2023 10:00	571	0
317126	11/2/2023 0:28	11/2/2023 10:00	571	0
7533405	11/2/2023 0:28	11/2/2023 10:00	571	0
10013697	11/2/2023 0:28	11/2/2023 9:38	550	0
6503956	11/2/2023 0:28	11/2/2023 10:00	571	0
195749	11/2/2023 0:28	11/2/2023 10:00	571	0
8502011	11/2/2023 0:28	11/2/2023 9:59	571	0
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1190246	11/2/2023 0:28	11/2/2023 10:00	571	0
7937779	11/2/2023 0:28	11/2/2023 10:00	571	0
324290	11/2/2023 0:28	11/2/2023 10:00	571	0
378919	11/2/2023 0:28	11/2/2023 10:00	571	0
454861	11/2/2023 0:28	11/2/2023 9:06	518	0
304295	11/2/2023 0:28	11/2/2023 10:00	571	0
274125	11/2/2023 0:28	11/2/2023 10:00	571	0
309944	11/2/2023 0:28	11/2/2023 9:55	567	0
8486022	11/2/2023 0:28	11/2/2023 10:00	571	0
1466638	11/2/2023 0:28	11/2/2023 8:29	481	0
8387677	11/2/2023 0:28	11/2/2023 10:00	571	0
196408	11/2/2023 0:28	11/2/2023 9:37	549	0
1445317	11/2/2023 0:28	11/2/2023 7:54	446	0
9063373	11/2/2023 0:28	11/2/2023 10:00	571	0

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328113	11/2/2023 0:28	11/2/2023 10:00	571	0
8910809	11/2/2023 0:28	11/2/2023 10:00	571	0
1624452	11/2/2023 0:28	11/2/2023 9:31	543	0
509102	11/2/2023 0:28	11/2/2023 10:00	571	0
549617	11/2/2023 0:28	11/2/2023 10:00	571	0
1604432	11/2/2023 0:28	11/2/2023 9:57	569	0
121748	11/2/2023 0:28	11/2/2023 10:00	571	0
1384509	11/2/2023 0:28	11/2/2023 10:00	571	0
380057	11/2/2023 0:28	11/2/2023 10:00	571	0
8495802	11/2/2023 0:28	11/2/2023 10:00	571	0
1444809	11/2/2023 0:28	11/2/2023 7:56	448	0
2032900	11/2/2023 0:28	11/2/2023 10:00	571	0
56164	11/2/2023 0:28	11/2/2023 10:00	571	0
328594	11/2/2023 0:28	11/2/2023 10:00	571	0
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1503507	11/2/2023 0:28	11/2/2023 10:00	571	0
1464949	11/2/2023 0:28	11/2/2023 10:00	571	0
1076617	11/2/2023 0:28	11/2/2023 8:06	458	0
792446	11/2/2023 0:28	11/2/2023 10:00	571	0
121750	11/2/2023 0:28	11/2/2023 10:00	571	0
1446785	11/2/2023 0:28	11/2/2023 10:00	571	0
914462	11/2/2023 0:28	11/2/2023 10:00	571	0
1556565	11/2/2023 0:28	11/2/2023 10:00	571	0
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1700586	11/2/2023 0:28	11/2/2023 10:00	571	0
280364	11/2/2023 0:28	11/2/2023 10:00	571	0
455345	11/2/2023 0:28	11/2/2023 9:05	517	0
1430553	11/2/2023 0:28	11/2/2023 9:52	564	0
1516739	11/2/2023 0:28	11/2/2023 10:00	571	0
8148103	11/2/2023 0:28	11/2/2023 10:00	571	0
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197356	11/2/2023 0:28	11/2/2023 10:00	571	0
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315509	11/2/2023 0:28	11/2/2023 10:00	571	0
1432509	11/2/2023 0:28	11/2/2023 10:00	571	0
1583853	11/2/2023 0:28	11/2/2023 10:00	571	0
645339	11/2/2023 0:28	11/2/2023 10:00	571	0
314899	11/2/2023 0:28	11/2/2023 9:39	551	0
1519715	11/2/2023 0:28	11/2/2023 10:00	571	0
309265	11/2/2023 0:28	11/2/2023 9:58	570	0
1556486	11/2/2023 0:28	11/2/2023 10:00	571	0
23566	11/2/2023 0:28	11/2/2023 10:00	571	0

1376158	11/2/2023 0:28	11/2/2023 8:01	453	0
791361	11/2/2023 0:28	11/2/2023 10:00	571	0
627289	11/2/2023 0:28	11/2/2023 10:00	571	0
1537353	11/2/2023 0:28	11/2/2023 10:00	571	0
54382	11/2/2023 0:28	11/2/2023 10:00	571	0
926505	11/2/2023 0:28	11/2/2023 10:00	571	0
8068454	11/2/2023 0:28	11/2/2023 9:58	570	0
197629	11/2/2023 0:28	11/2/2023 9:39	551	0
1447297	11/2/2023 0:28	11/2/2023 10:00	571	0
8717997	11/2/2023 0:28	11/2/2023 10:00	571	0
455994	11/2/2023 0:28	11/2/2023 10:00	571	0
70277	11/2/2023 0:28	11/2/2023 10:00	571	0
391316	11/2/2023 0:28	11/2/2023 10:00	571	0
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569554	11/2/2023 0:28	11/2/2023 10:00	571	0
10628562	11/2/2023 0:28	11/2/2023 10:00	571	0
313269	11/2/2023 0:28	11/2/2023 10:00	571	0
553863	11/2/2023 0:28	11/2/2023 10:00	571	0
356258	11/2/2023 0:28	11/2/2023 10:00	571	0
1310926	11/2/2023 0:28	11/2/2023 9:59	571	0
507365	11/2/2023 0:28	11/2/2023 10:00	571	0
119833	11/2/2023 0:28	11/2/2023 10:00	571	0
1573666	11/2/2023 0:28	11/2/2023 10:00	571	0
51483	11/2/2023 0:28	11/2/2023 9:19	531	0
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1301093	11/2/2023 0:28	11/2/2023 10:00	571	0
1557100	11/2/2023 0:28	11/2/2023 10:00	571	0
1551513	11/2/2023 0:28	11/2/2023 9:37	549	0
793937	11/2/2023 0:29	11/2/2023 10:00	570	0
581832	11/2/2023 0:35	11/2/2023 0:41	6	0
1494722	11/2/2023 0:35	11/2/2023 9:50	555	0
581832	11/2/2023 0:41	11/2/2023 1:02	21	0
1377926	11/2/2023 0:45	11/2/2023 9:29	524	0
56167	11/2/2023 0:58	11/2/2023 10:00	541	0
581832	11/2/2023 1:02	11/2/2023 2:15	73	0
265864	11/2/2023 1:05	11/2/2023 10:00	534	0
449377	11/2/2023 1:07	11/2/2023 5:42	275	0
1538102	11/2/2023 1:46	11/2/2023 10:00	493	0
581832	11/2/2023 2:15	11/2/2023 3:02	47	0
581832	11/2/2023 3:02	11/2/2023 3:32	30	0
581832	11/2/2023 3:32	11/2/2023 5:47	135	0
449377	11/2/2023 5:42	11/2/2023 6:56	74	0
581832	11/2/2023 5:47	11/2/2023 7:22	95	0
1469850	11/2/2023 6:53	11/2/2023 10:00	186.4	0
449377	11/2/2023 6:56	11/2/2023 7:27	31	0
308959	11/2/2023 7:19	11/2/2023 10:00	160.8	0
581832	11/2/2023 7:22	11/2/2023 8:12	50	0

449377	11/2/2023 7:27	11/2/2023 8:27	60	0
1466445	11/2/2023 7:40	11/2/2023 10:00	139.4	0
1432940	11/2/2023 7:54	11/2/2023 10:00	125	0
1445317	11/2/2023 7:54	11/2/2023 10:00	125	0
1444809	11/2/2023 7:56	11/2/2023 10:00	123	0
1518241	11/2/2023 7:59	11/2/2023 10:00	120	0
1376158	11/2/2023 8:01	11/2/2023 10:00	118	0
1076617	11/2/2023 8:06	11/2/2023 10:00	113	0
454901	11/2/2023 8:06	11/2/2023 10:00	113.15	0
1320008	11/2/2023 8:08	11/2/2023 10:00	111	0
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307661	11/2/2023 8:12	11/2/2023 10:00	107	0
1511735	11/2/2023 8:13	11/2/2023 10:00	106	0
306565	11/2/2023 8:17	11/2/2023 10:00	102	0
304785	11/2/2023 8:17	11/2/2023 10:00	102.8	0
304845	11/2/2023 8:17	11/2/2023 10:00	102.8	0
309961	11/2/2023 8:17	11/2/2023 10:00	102	0
449377	11/2/2023 8:27	11/2/2023 9:22	55	0
1433697	11/2/2023 8:28	11/2/2023 8:29	1	0
1466638	11/2/2023 8:29	11/2/2023 9:42	73	0
1433697	11/2/2023 8:29	11/2/2023 9:28	59	0
315169	11/2/2023 8:33	11/2/2023 8:54	21	0
314188	11/2/2023 8:35	11/2/2023 8:55	20	0
7902724	11/2/2023 8:35	11/2/2023 9:35	60	0
1556923	11/2/2023 8:35	11/2/2023 10:00	84.4	0
523489	11/2/2023 8:39	11/2/2023 10:00	80.8	0
8511623	11/2/2023 8:39	11/2/2023 10:00	80	0
1465391	11/2/2023 8:39	11/2/2023 10:00	80	0
1020565	11/2/2023 8:40	11/2/2023 9:23	43	0
317084	11/2/2023 8:40	11/2/2023 10:00	79.8	0
317797	11/2/2023 8:45	11/2/2023 10:00	74.8	0
315169	11/2/2023 8:54	11/2/2023 10:00	65.8	0
314188	11/2/2023 8:55	11/2/2023 10:00	64.8	0
1320646	11/2/2023 8:56	11/2/2023 9:44	48	0
1320619	11/2/2023 8:57	11/2/2023 9:45	48	0
11081884	11/2/2023 8:59	11/2/2023 9:29	30	0
1553065	11/2/2023 8:59	11/2/2023 10:00	60.4	0
10659208	11/2/2023 9:00	11/2/2023 10:00	59.8	0
39139	11/2/2023 9:01	11/2/2023 10:00	58.8	0
457729	11/2/2023 9:03	11/2/2023 10:00	56	0
346967	11/2/2023 9:04	11/2/2023 10:00	55.8	0
455629	11/2/2023 9:04	11/2/2023 10:00	55	0
455345	11/2/2023 9:05	11/2/2023 10:00	54	0
454861	11/2/2023 9:06	11/2/2023 10:00	53	0
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1377926	11/2/2023 9:29	11/2/2023 10:00	30	0
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197690	11/2/2023 9:35	11/2/2023 9:57	22	0
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7902724	11/2/2023 9:35	11/2/2023 10:00	24	0
196408	11/2/2023 9:37	11/2/2023 9:58	21	0
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1390184	11/2/2023 10:10	11/3/2023 0:28	858	0
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1463218	11/2/2023 10:11	11/3/2023 0:28	857	0
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8068454	11/2/2023 10:13	11/2/2023 11:43	90	0.08
317233	11/2/2023 10:14	11/2/2023 20:07	593	0
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308032	11/2/2023 10:14	11/2/2023 11:43	89	0
6714863	11/2/2023 10:14	11/3/2023 0:28	854	0.08
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309265	11/2/2023 10:14	11/2/2023 11:43	89	0
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315090	11/2/2023 10:14	11/2/2023 20:17	603	0.04
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315346	11/2/2023 10:15	11/3/2023 0:28	853	0
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1320646	11/2/2023 10:15	11/2/2023 20:08	593	0.14
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511223	11/2/2023 10:16	11/2/2023 14:29	253	0
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315345	11/2/2023 10:18	11/3/2023 0:28	850	0
793285	11/2/2023 10:18	11/2/2023 20:05	587	0.44
1552154	11/2/2023 10:18	11/2/2023 11:48	90	0

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316997	11/2/2023 10:18	11/3/2023 0:28	850	0
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1321750	11/2/2023 10:18	11/2/2023 11:16	58	0
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1393699	11/2/2023 10:21	11/2/2023 20:09	588	0
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1377926	11/2/2023 10:22	11/2/2023 11:36	74	0
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8950281	11/2/2023 10:24	11/2/2023 20:18	594	0
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1251782	11/2/2023 10:25	11/2/2023 20:15	590	1.41
39139	11/2/2023 10:25	11/2/2023 19:21	536	0
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498070	11/2/2023 10:26	11/2/2023 20:08	582	0
854585	11/2/2023 10:27	11/2/2023 11:56	89	0.02
1076617	11/2/2023 10:28	11/2/2023 11:46	78	0.28
511266	11/2/2023 10:28	11/2/2023 14:35	247	0
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800590	11/2/2023 10:30	11/2/2023 13:43	193	0
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314899	11/2/2023 10:31	11/2/2023 20:14	583	0

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510307	11/2/2023 10:32	11/2/2023 14:33	241	0
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1565203	11/2/2023 10:33	11/3/2023 0:28	835	0
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8104722	11/2/2023 10:34	11/2/2023 20:16	582	0
816722	11/2/2023 10:35	11/2/2023 20:01	566	0
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1361099	11/2/2023 10:56	11/2/2023 11:54	58	0
1431804	11/2/2023 10:57	11/2/2023 20:09	552	0
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1394324	11/2/2023 10:58	11/2/2023 20:18	560	0
196965	11/2/2023 10:58	11/2/2023 20:08	550	0
125572	11/2/2023 10:59	11/2/2023 12:45	106	0.68
193791	11/2/2023 11:00	11/3/2023 0:28	808	0
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325050	11/2/2023 11:00	11/2/2023 11:15	15	0
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1301093	11/2/2023 11:05	11/3/2023 0:28	803	0.42
817260	11/2/2023 11:06	11/3/2023 0:28	802	0.17
1020565	11/2/2023 11:08	11/2/2023 13:25	137	0
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1363754	11/2/2023 11:08	11/2/2023 11:54	46	0
51957	11/2/2023 11:08	11/2/2023 11:24	16	0
262048	11/2/2023 11:09	11/2/2023 13:36	147	1.04
1537541	11/2/2023 11:10	11/2/2023 11:42	32	0
1358893	11/2/2023 11:10	11/2/2023 14:09	179	0
1360948	11/2/2023 11:10	11/2/2023 14:08	178	0
1537353	11/2/2023 11:10	11/2/2023 11:41	31	0
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1433697	11/2/2023 11:10	11/2/2023 11:29	19	0
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1537992	11/2/2023 11:11	11/2/2023 11:43	32	0
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1554677	11/2/2023 11:13	11/2/2023 11:45	32	0
199337	11/2/2023 11:14	11/2/2023 20:14	540	0
1537547	11/2/2023 11:14	11/2/2023 11:40	26	0
1321663	11/2/2023 11:14	11/3/2023 0:28	794	0.07
956968	11/2/2023 11:15	11/2/2023 20:03	528	0
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325050	11/2/2023 11:15	11/2/2023 13:16	121	0
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658177	11/2/2023 11:16	11/2/2023 20:01	525	0.07
1321750	11/2/2023 11:16	11/3/2023 0:28	792	0.18
8734029	11/2/2023 11:17	11/2/2023 20:18	541	0
1465391	11/2/2023 11:17	11/2/2023 11:32	15	0
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1432509	11/2/2023 11:17	11/2/2023 20:07	530	0
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523018	11/2/2023 11:22	11/3/2023 0:28	786	0.98
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1433697	11/2/2023 11:29	11/2/2023 12:10	41	0
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1465391	11/2/2023 11:32	11/2/2023 13:33	121	0
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571420	11/2/2023 11:34	11/2/2023 11:50	16	0
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1361145	11/2/2023 11:39	11/2/2023 11:55	16	0.03
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1343695	11/2/2023 11:39	11/2/2023 13:50	131	0
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587455	11/2/2023 11:40	11/2/2023 14:50	190	0
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1538194	11/2/2023 11:41	11/2/2023 12:44	63	0
1537353	11/2/2023 11:41	11/2/2023 12:44	63	0
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449036	11/2/2023 11:43	11/2/2023 14:41	178	0.3
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627289	11/2/2023 11:43	11/2/2023 14:00	137	0
605186	11/2/2023 11:44	11/2/2023 14:43	179	0
1546695	11/2/2023 11:44	11/2/2023 13:13	89	0
619266	11/2/2023 11:44	11/2/2023 14:14	150	0
740241	11/2/2023 11:44	11/2/2023 14:11	147	0
1537447	11/2/2023 11:44	11/2/2023 12:42	58	0
10013697	11/2/2023 11:44	11/2/2023 13:14	90	0
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1555268	11/2/2023 11:44	11/2/2023 13:13	89	0
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1553525	11/2/2023 11:45	11/2/2023 13:14	89	0
1549436	11/2/2023 11:45	11/2/2023 13:15	90	0
1547808	11/2/2023 11:45	11/2/2023 13:14	89	0
1538102	11/2/2023 11:45	11/2/2023 12:42	57	0.05
627018	11/2/2023 11:45	11/2/2023 13:56	131	0
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1549376	11/2/2023 11:47	11/2/2023 13:17	90	0
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1939790	11/2/2023 11:49	11/2/2023 13:18	89	0.56
1554056	11/2/2023 11:49	11/2/2023 14:32	163	0.09
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1358945	11/2/2023 11:51	11/2/2023 12:07	16	0
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1514004	11/2/2023 11:53	11/2/2023 12:08	15	0

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1361099	11/2/2023 11:54	11/2/2023 12:10	16	0
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1514256	11/2/2023 11:54	11/2/2023 12:11	17	0
1361543	11/2/2023 11:55	11/2/2023 12:11	16	0
1361145	11/2/2023 11:55	11/2/2023 12:11	16	0.02
1591422	11/2/2023 11:55	11/2/2023 12:21	26	0
854579	11/2/2023 11:55	11/2/2023 12:26	31	0
852071	11/2/2023 11:55	11/2/2023 12:27	32	0
854585	11/2/2023 11:56	11/2/2023 12:27	31	0
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572882	11/2/2023 11:57	11/2/2023 12:13	16	0
1604432	11/2/2023 11:58	11/2/2023 12:14	16	0.05
1092960	11/2/2023 11:58	11/2/2023 12:14	16	0
645339	11/2/2023 11:59	11/2/2023 13:37	98	0
613964	11/2/2023 12:04	11/2/2023 20:07	483	0
1019446	11/2/2023 12:05	11/2/2023 15:32	207	0
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1358945	11/2/2023 12:07	11/2/2023 15:11	184	0
1358503	11/2/2023 12:08	11/2/2023 15:06	178	0
1514004	11/2/2023 12:08	11/2/2023 14:25	137	0
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1557303	11/2/2023 12:09	11/3/2023 10:00	1310	0
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1363754	11/2/2023 12:10	11/2/2023 15:09	179	0
1433697	11/2/2023 12:10	11/2/2023 12:29	19	0
729928	11/2/2023 12:10	11/2/2023 14:27	137	0
1361099	11/2/2023 12:10	11/2/2023 15:08	178	0
1514256	11/2/2023 12:11	11/2/2023 14:42	151	0
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1361543	11/2/2023 12:11	11/2/2023 15:09	178	0
1361145	11/2/2023 12:11	11/2/2023 15:09	178	0.02
1554218	11/2/2023 12:11	11/3/2023 10:00	1308	0
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572882	11/2/2023 12:13	11/2/2023 14:40	147	0.01
1092960	11/2/2023 12:14	11/2/2023 20:12	478	0
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1552447	11/2/2023 12:14	11/2/2023 13:33	79	0
309265	11/2/2023 12:14	11/2/2023 16:00	226	0
308032	11/2/2023 12:15	11/2/2023 16:01	226	0.03
1545844	11/2/2023 12:17	11/2/2023 13:31	74	0
1553378	11/2/2023 12:18	11/2/2023 13:31	73	0
1591422	11/2/2023 12:21	11/2/2023 14:22	121	0
1527339	11/2/2023 12:21	11/2/2023 13:08	47	0

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1526024	11/2/2023 12:25	11/2/2023 13:07	42	0
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319279	11/2/2023 12:28	11/3/2023 10:00	1291.8	0
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1466357	11/2/2023 12:35	11/2/2023 13:17	42	0
328113	11/2/2023 12:37	11/2/2023 12:53	16	0
1400258	11/2/2023 12:38	11/3/2023 10:00	1282	0
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1537548	11/2/2023 12:40	11/3/2023 10:00	1279	0
449377	11/2/2023 12:41	11/2/2023 13:17	36	0
1538102	11/2/2023 12:42	11/3/2023 10:00	1277	0.04
1538195	11/2/2023 12:42	11/3/2023 10:00	1277	0
1537447	11/2/2023 12:42	11/3/2023 10:00	1277	0
1537547	11/2/2023 12:43	11/3/2023 10:00	1276	0
1538299	11/2/2023 12:43	11/3/2023 10:00	1276	0
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1538194	11/2/2023 12:44	11/3/2023 10:00	1275	0
125572	11/2/2023 12:45	11/3/2023 10:00	1274	0.01
1537992	11/2/2023 12:46	11/3/2023 10:00	1273	0
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328113	11/2/2023 12:53	11/2/2023 13:50	57	0
623069	11/2/2023 12:59	11/3/2023 10:00	1260.15	0
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1451744	11/2/2023 13:03	11/3/2023 0:28	685	0.14
1452193	11/2/2023 13:03	11/2/2023 20:02	419	0
1282057	11/2/2023 13:04	11/2/2023 13:20	16	0
1526024	11/2/2023 13:07	11/2/2023 14:10	63	0
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1527339	11/2/2023 13:08	11/2/2023 14:06	58	0
926638	11/2/2023 13:10	11/2/2023 13:26	16	0
1555609	11/2/2023 13:13	11/2/2023 14:31	78	0
916441	11/2/2023 13:13	11/2/2023 14:42	89	0
903630	11/2/2023 13:13	11/3/2023 10:00	1246	0
1555268	11/2/2023 13:13	11/3/2023 10:00	1246	0
1551510	11/2/2023 13:13	11/3/2023 10:00	1246	0
854579	11/2/2023 13:13	11/2/2023 13:40	27	0
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10013697	11/2/2023 13:14	11/3/2023 10:00	1245	0
852071	11/2/2023 13:14	11/2/2023 14:12	58	0
1547808	11/2/2023 13:14	11/2/2023 14:32	78	0
1553525	11/2/2023 13:14	11/2/2023 14:28	74	0
1554677	11/2/2023 13:14	11/3/2023 10:00	1245	0
854585	11/2/2023 13:14	11/2/2023 14:12	58	0

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1664433	11/2/2023 13:15	11/2/2023 15:42	147	0
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1466445	11/2/2023 13:16	11/2/2023 13:32	16	0
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1552154	11/2/2023 13:17	11/2/2023 14:15	58	0
449377	11/2/2023 13:17	11/2/2023 13:37	20	0
1466357	11/2/2023 13:17	11/2/2023 13:33	16	0
1550815	11/2/2023 13:17	11/3/2023 10:00	1242	0
1939790	11/2/2023 13:18	11/2/2023 14:31	73	0.02
1551513	11/2/2023 13:18	11/3/2023 10:00	1241	0
1282057	11/2/2023 13:20	11/2/2023 13:36	16	0
304845	11/2/2023 13:21	11/2/2023 19:18	357	0
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1466357	11/2/2023 13:33	11/2/2023 13:49	16	0
1463520	11/2/2023 13:33	11/2/2023 14:16	43	0.02
1552447	11/2/2023 13:33	11/2/2023 13:59	26	0
1550753	11/2/2023 13:35	11/2/2023 14:00	25	0
1020565	11/2/2023 13:35	11/2/2023 13:51	16	0
262048	11/2/2023 13:36	11/2/2023 19:05	329	0.03
1282057	11/2/2023 13:36	11/2/2023 19:11	335	0
449377	11/2/2023 13:37	11/2/2023 14:07	30	0
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11467920	11/2/2023 13:39	11/2/2023 19:15	336	0
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793737	11/2/2023 13:43	11/2/2023 14:30	47	0

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801004	11/2/2023 13:44	11/2/2023 14:31	47	0
878149	11/2/2023 13:44	11/2/2023 14:15	31	0
800600	11/2/2023 13:44	11/2/2023 14:32	48	0
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793937	11/2/2023 13:45	11/2/2023 14:32	47	0
792446	11/2/2023 13:45	11/2/2023 14:32	47	0
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791361	11/2/2023 13:47	11/2/2023 14:32	45	0
1466445	11/2/2023 13:47	11/2/2023 19:15	328	0
1466357	11/2/2023 13:49	11/2/2023 19:16	327	0
328113	11/2/2023 13:50	11/2/2023 14:22	32	0
1343695	11/2/2023 13:50	11/3/2023 0:28	638	0
1020565	11/2/2023 13:51	11/2/2023 19:00	309	0
627018	11/2/2023 13:56	11/2/2023 14:12	16	0
624628	11/2/2023 13:56	11/2/2023 14:12	16	0
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624953	11/2/2023 14:00	11/2/2023 14:16	16	0
1550753	11/2/2023 14:00	11/2/2023 19:10	310	0
627289	11/2/2023 14:00	11/2/2023 14:15	15	0
561672	11/2/2023 14:00	11/2/2023 14:31	31	0
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1553378	11/2/2023 14:03	11/2/2023 19:12	309	0
7937779	11/2/2023 14:04	11/2/2023 16:21	137	0
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1376158	11/2/2023 14:07	11/2/2023 14:23	16	0
449377	11/2/2023 14:07	11/2/2023 14:27	20	0
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1358893	11/2/2023 14:09	11/2/2023 19:08	299	0
1526024	11/2/2023 14:10	11/2/2023 14:36	26	0
926505	11/2/2023 14:10	11/2/2023 14:26	16	0
740241	11/2/2023 14:11	11/2/2023 14:26	15	0
854579	11/2/2023 14:11	11/2/2023 14:27	16	0
852071	11/2/2023 14:12	11/2/2023 14:43	31	0
624628	11/2/2023 14:12	11/2/2023 14:28	16	0
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854585	11/2/2023 14:12	11/2/2023 14:28	16	0

627018	11/2/2023 14:12	11/2/2023 14:28	16	0
619266	11/2/2023 14:14	11/2/2023 14:29	15	0
878149	11/2/2023 14:15	11/2/2023 14:41	26	0
1465391	11/2/2023 14:15	11/2/2023 14:31	16	0
627289	11/2/2023 14:15	11/2/2023 14:26	11	0
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324045	11/2/2023 14:17	11/2/2023 14:43	26	0
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8068454	11/2/2023 14:25	11/2/2023 14:46	21	0
1513398	11/2/2023 14:25	11/2/2023 14:41	16	0
275018	11/2/2023 14:26	11/3/2023 0:28	602	0
926505	11/2/2023 14:26	11/2/2023 20:12	346	0
624953	11/2/2023 14:26	11/2/2023 14:42	16	0
740241	11/2/2023 14:26	11/2/2023 14:42	16	0
627289	11/2/2023 14:26	11/2/2023 14:42	16	0
1624452	11/2/2023 14:26	11/2/2023 15:23	57	0
449377	11/2/2023 14:27	11/2/2023 17:20	173	0
274125	11/2/2023 14:27	11/2/2023 14:59	32	0
729928	11/2/2023 14:27	11/2/2023 14:42	15	0
854579	11/2/2023 14:27	11/2/2023 14:43	16	0
624628	11/2/2023 14:28	11/2/2023 14:43	15	0
627018	11/2/2023 14:28	11/2/2023 14:43	15	0
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619266	11/2/2023 14:29	11/2/2023 14:45	16	0
1076617	11/2/2023 14:29	11/2/2023 15:01	32	0.09
511223	11/2/2023 14:29	11/2/2023 20:05	336	0
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1552154	11/2/2023 14:30	11/2/2023 14:57	27	0
1093833	11/2/2023 14:30	11/2/2023 14:46	16	0
8590289	11/2/2023 14:30	11/2/2023 14:46	16	0

561672	11/2/2023 14:31	11/2/2023 14:47	16	0
1939790	11/2/2023 14:31	11/2/2023 15:03	32	0.02
561773	11/2/2023 14:31	11/2/2023 14:47	16	0
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800590	11/2/2023 14:31	11/2/2023 20:07	336	0
800588	11/2/2023 14:31	11/2/2023 20:02	331	0
1555609	11/2/2023 14:31	11/2/2023 15:03	32	0
325050	11/2/2023 14:31	11/2/2023 14:45	14	0
801004	11/2/2023 14:31	11/2/2023 20:07	336	0
1465391	11/2/2023 14:31	11/2/2023 14:47	16	0
1463520	11/2/2023 14:31	11/2/2023 14:47	16	0
1546695	11/2/2023 14:32	11/2/2023 14:59	27	0
793937	11/2/2023 14:32	11/2/2023 14:48	16	0
1547808	11/2/2023 14:32	11/2/2023 14:59	27	0
800600	11/2/2023 14:32	11/2/2023 20:02	330	0
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267439	11/2/2023 14:42	11/3/2023 10:00	1157	0
729928	11/2/2023 14:42	11/2/2023 20:14	332	0

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627289	11/2/2023 14:42	11/2/2023 20:18	336	0
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627018	11/2/2023 14:43	11/3/2023 0:28	585	0
569554	11/2/2023 14:43	11/2/2023 20:14	331	0
624628	11/2/2023 14:43	11/2/2023 20:09	326	0
852071	11/2/2023 14:43	11/3/2023 0:28	585	0
854579	11/2/2023 14:43	11/3/2023 0:28	585	0
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854585	11/2/2023 14:44	11/3/2023 0:28	584	0
325050	11/2/2023 14:45	11/2/2023 15:46	61	0
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99902	11/2/2023 14:45	11/3/2023 0:28	583	0
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8590289	11/2/2023 14:46	11/2/2023 20:11	325	0
1093833	11/2/2023 14:46	11/3/2023 0:28	582	0
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791361	11/2/2023 14:47	11/2/2023 20:07	320	0
645339	11/2/2023 14:47	11/2/2023 20:13	326	0
1465391	11/2/2023 14:47	11/2/2023 20:12	325	0
561672	11/2/2023 14:47	11/2/2023 20:19	332	0
561773	11/2/2023 14:47	11/3/2023 0:28	581	0
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549596	11/2/2023 14:47	11/2/2023 20:13	326	0
793937	11/2/2023 14:48	11/2/2023 19:58	310	0
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1247921	11/2/2023 14:48	11/3/2023 0:28	580	0
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1393633	11/2/2023 14:48	11/3/2023 0:28	580	0
510307	11/2/2023 14:49	11/2/2023 20:04	315	0

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1591422	11/2/2023 14:53	11/3/2023 0:28	575	0
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1553525	11/2/2023 14:59	11/2/2023 20:09	310	0
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1546695	11/2/2023 14:59	11/2/2023 20:08	309	0
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571420	11/2/2023 15:04	11/2/2023 20:08	304	0
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1109994	11/2/2023 15:19	11/2/2023 20:02	283	0
1624452	11/2/2023 15:23	11/2/2023 20:06	283	0
1074602	11/2/2023 15:25	11/2/2023 19:11	226	0
8068454	11/2/2023 15:29	11/2/2023 20:19	290	0
1019446	11/2/2023 15:32	11/2/2023 19:54	262	0
7902724	11/2/2023 15:40	11/2/2023 15:55	15	0
51957	11/2/2023 15:41	11/2/2023 16:08	27	0
1664433	11/2/2023 15:42	11/2/2023 15:58	16	0
860281	11/2/2023 15:42	11/3/2023 0:28	526	0
1683861	11/2/2023 15:43	11/3/2023 0:28	525	0
324290	11/2/2023 15:44	11/2/2023 20:07	263	0
859747	11/2/2023 15:44	11/2/2023 20:12	268	0
791510	11/2/2023 15:45	11/3/2023 0:28	523	0
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325050	11/2/2023 15:46	11/2/2023 16:31	45	0
7902724	11/2/2023 15:55	11/2/2023 16:15	20	0
309944	11/2/2023 15:57	11/2/2023 20:19	262	0
1664433	11/2/2023 15:58	11/2/2023 16:14	16	0
1450250	11/2/2023 15:59	11/2/2023 20:11	252	0
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8486022	11/2/2023 16:01	11/2/2023 20:12	251	0

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308032	11/2/2023 16:01	11/2/2023 20:18	257	0
51957	11/2/2023 16:08	11/2/2023 20:20	252	0
560127	11/2/2023 16:08	11/3/2023 10:00	1071	0
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7902724	11/2/2023 16:15	11/2/2023 16:25	10	0
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7937779	11/2/2023 16:21	11/2/2023 20:06	225	0
7902724	11/2/2023 16:25	11/2/2023 16:45	20	0
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323747	11/2/2023 16:29	11/2/2023 20:14	225	0
325050	11/2/2023 16:31	11/2/2023 16:45	14	0
323657	11/2/2023 16:31	11/3/2023 0:28	477	0
7902724	11/2/2023 16:45	11/2/2023 17:40	55	0
325050	11/2/2023 16:45	11/2/2023 20:05	200	0
793638	11/2/2023 16:48	11/3/2023 0:28	460	0
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449377	11/2/2023 17:52	11/3/2023 1:07	435	0
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819177	11/2/2023 19:02	11/3/2023 10:00	897.42	0
926638	11/2/2023 19:03	11/3/2023 10:00	896.42	0
1027973	11/2/2023 19:04	11/3/2023 10:00	895.72	0
262048	11/2/2023 19:05	11/3/2023 10:00	894.8	0
1405153	11/2/2023 19:06	11/3/2023 10:00	894	0
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1358893	11/2/2023 19:08	11/3/2023 10:00	892	0
342796	11/2/2023 19:09	11/3/2023 10:00	890.8	0
199354	11/2/2023 19:09	11/3/2023 10:00	890.8	0
1550753	11/2/2023 19:10	11/3/2023 10:00	889.4	0
314188	11/2/2023 19:10	11/3/2023 8:33	803	0
281332	11/2/2023 19:10	11/3/2023 10:00	889.8	0
1282057	11/2/2023 19:11	11/3/2023 10:00	889	0
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510522	11/2/2023 19:11	11/3/2023 10:00	888.15	0
1415828	11/2/2023 19:12	11/3/2023 10:00	888	0
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195216	11/2/2023 19:13	11/3/2023 10:00	886.8	0
1360948	11/2/2023 19:13	11/3/2023 10:00	887	0
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1552447	11/2/2023 19:14	11/3/2023 10:00	885.4	0
1553065	11/2/2023 19:14	11/3/2023 8:52	818	0
315169	11/2/2023 19:14	11/3/2023 8:35	801	0
304785	11/2/2023 19:15	11/3/2023 8:47	812	0
11467920	11/2/2023 19:15	11/3/2023 10:00	884.4	0
194996	11/2/2023 19:15	11/3/2023 10:00	884.8	0
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8495805	11/2/2023 19:17	11/3/2023 10:00	882.15	0
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346967	11/2/2023 19:18	11/3/2023 10:00	881.8	0
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1321605	11/2/2023 19:56	11/3/2023 9:20	804	0
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800588	11/2/2023 20:02	11/3/2023 10:00	837	0
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315088	11/2/2023 20:07	11/3/2023 10:00	832	0
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1554056	11/2/2023 20:08	11/3/2023 10:00	831	0
196965	11/2/2023 20:08	11/3/2023 10:00	831	0
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1361145	11/2/2023 20:08	11/3/2023 10:00	831	0
1320646	11/2/2023 20:08	11/3/2023 10:00	831	0
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1553525	11/2/2023 20:09	11/3/2023 10:00	830	0
623871	11/2/2023 20:09	11/3/2023 10:00	830	0
8910809	11/2/2023 20:09	11/3/2023 10:00	830	0
1393699	11/2/2023 20:09	11/3/2023 9:58	829	0
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312766	11/2/2023 20:10	11/3/2023 10:00	829	0
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8590289	11/2/2023 20:11	11/3/2023 10:00	828	0
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926505	11/2/2023 20:12	11/3/2023 10:00	827	0
356258	11/2/2023 20:12	11/3/2023 10:00	827	0

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1092960	11/2/2023 20:12	11/3/2023 10:00	827	0
878149	11/2/2023 20:12	11/3/2023 10:00	827	0
8495802	11/2/2023 20:12	11/3/2023 10:00	827	0
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645339	11/2/2023 20:13	11/3/2023 10:00	826	0
1449371	11/2/2023 20:13	11/3/2023 10:00	826	0
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549596	11/2/2023 20:13	11/3/2023 10:00	826	0
1310926	11/2/2023 20:13	11/3/2023 9:52	819	0
1511532	11/2/2023 20:13	11/3/2023 10:00	826	0
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274125	11/2/2023 20:14	11/3/2023 10:00	825	0
1494722	11/2/2023 20:14	11/3/2023 9:59	825	0
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8148103	11/2/2023 20:17	11/3/2023 10:00	822	0
581074	11/2/2023 20:17	11/3/2023 9:51	814	0
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315090	11/2/2023 20:17	11/3/2023 10:00	822	0
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499998	11/2/2023 20:18	11/3/2023 10:00	821	0

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627289	11/2/2023 20:18	11/3/2023 10:00	821	0
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9063373	11/2/2023 20:18	11/3/2023 10:00	821	0
197356	11/2/2023 20:18	11/3/2023 10:00	821	0
8950281	11/2/2023 20:18	11/3/2023 8:17	719	0
1394324	11/2/2023 20:18	11/3/2023 10:00	821	0
8734029	11/2/2023 20:18	11/3/2023 10:00	821	0
309944	11/2/2023 20:19	11/3/2023 10:00	820	0
8068454	11/2/2023 20:19	11/3/2023 9:37	798	0
792446	11/2/2023 20:19	11/3/2023 10:00	820	0
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1464949	11/2/2023 20:19	11/3/2023 10:00	820	0
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1465703	11/2/2023 20:20	11/3/2023 10:00	819	0
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315509	11/2/2023 20:21	11/3/2023 10:00	818	0
304295	11/2/2023 20:21	11/3/2023 10:00	818	0
9399863	11/2/2023 20:22	11/3/2023 10:00	817	0
345647	11/2/2023 20:22	11/3/2023 10:00	817	0
350753	11/2/2023 20:23	11/3/2023 10:00	816	0
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1463218	11/3/2023 0:28	11/3/2023 10:00	571	0
627018	11/3/2023 0:28	11/3/2023 10:00	571	0
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854585	11/3/2023 0:28	11/3/2023 10:00	571	0
1417138	11/3/2023 0:28	11/3/2023 10:00	571	0
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319726	11/3/2023 0:28	11/3/2023 10:00	571	0
450309	11/3/2023 0:28	11/3/2023 10:00	571	0
1493132	11/3/2023 0:28	11/3/2023 9:31	543	0

309233	11/3/2023 0:28	11/3/2023 10:00	571	0
6761269	11/3/2023 0:28	11/3/2023 10:00	571	0
316997	11/3/2023 0:28	11/3/2023 10:00	571	0
1434550	11/3/2023 0:28	11/3/2023 10:00	571	0
1463520	11/3/2023 0:28	11/3/2023 10:00	571	0
523018	11/3/2023 0:28	11/3/2023 10:00	571	0
1093833	11/3/2023 0:28	11/3/2023 10:00	571	0
324249	11/3/2023 0:28	11/3/2023 10:00	571	0
1517059	11/3/2023 0:28	11/3/2023 8:55	507	0
1602630	11/3/2023 0:28	11/3/2023 10:00	571	0
817260	11/3/2023 0:28	11/3/2023 10:00	571	0
1377926	11/3/2023 0:28	11/3/2023 10:00	571	0
1393633	11/3/2023 0:28	11/3/2023 10:00	571	0
275018	11/3/2023 0:28	11/3/2023 10:00	571	0
854579	11/3/2023 0:28	11/3/2023 10:00	571	0
323657	11/3/2023 0:28	11/3/2023 10:00	571	0
1301093	11/3/2023 0:28	11/3/2023 10:00	571	0
1591422	11/3/2023 0:28	11/3/2023 10:00	571	0
1220897	11/3/2023 0:28	11/3/2023 10:00	571	0
564518	11/3/2023 0:28	11/3/2023 10:00	571	0
1320845	11/3/2023 0:28	11/3/2023 10:00	571	0
860281	11/3/2023 0:28	11/3/2023 10:00	571	0
740241	11/3/2023 0:28	11/3/2023 9:04	516	0
353651	11/3/2023 0:28	11/3/2023 10:00	571	0
619266	11/3/2023 0:28	11/3/2023 10:00	571	0
1445967	11/3/2023 0:28	11/3/2023 10:00	571	0
1309098	11/3/2023 0:28	11/3/2023 9:55	567	0
315730	11/3/2023 0:28	11/3/2023 9:33	545	0
511266	11/3/2023 0:28	11/3/2023 10:00	571	0
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315345	11/3/2023 0:28	11/3/2023 9:38	550	0
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315346	11/3/2023 0:28	11/3/2023 9:42	554	0
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506261	11/3/2023 0:28	11/3/2023 10:00	571	0
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381982	11/3/2023 0:28	11/3/2023 10:00	571	0
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1076617	11/3/2023 8:06	11/3/2023 10:00	113	0
1466445	11/3/2023 8:12	11/3/2023 10:00	107.4	0
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7902724	11/3/2023 8:30	11/3/2023 9:01	31	0
314188	11/3/2023 8:33	11/3/2023 8:49	16	0
315169	11/3/2023 8:35	11/3/2023 8:51	16	0
449377	11/3/2023 8:37	11/3/2023 10:00	82	0
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317797	11/3/2023 8:39	11/3/2023 10:00	80.8	0

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11081884	11/3/2023 8:53	11/3/2023 10:00	66.8	0
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1516739	11/3/2023 8:55	11/3/2023 9:36	41	0
1517059	11/3/2023 8:55	11/3/2023 9:37	42	0
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315169	11/3/2023 9:01	11/3/2023 10:00	58.8	0
7902724	11/3/2023 9:01	11/3/2023 9:16	15	0
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740241	11/3/2023 9:04	11/3/2023 10:00	55	0
314188	11/3/2023 9:04	11/3/2023 10:00	55.8	0
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1321605	11/3/2023 9:20	11/3/2023 10:00	39	0
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315730	11/3/2023 9:33	11/3/2023 9:49	16	0
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1517059	11/3/2023 9:37	11/3/2023 10:00	22	0
315345	11/3/2023 9:38	11/3/2023 10:00	21	0
314899	11/3/2023 9:38	11/3/2023 10:00	21	0
569142	11/3/2023 9:39	11/3/2023 10:00	20.15	0
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189581	11/3/2023 9:41	11/3/2023 10:00	18.8	0
664453	11/3/2023 9:42	11/3/2023 10:00	17	0
315346	11/3/2023 9:42	11/3/2023 10:00	17	0

26864	11/3/2023 9:44	11/3/2023 10:00	15.8	0
1020565	11/3/2023 9:45	11/3/2023 10:00	14.72	0
1390184	11/3/2023 9:48	11/3/2023 10:00	11	0
315730	11/3/2023 9:49	11/3/2023 10:00	10	0
279833	11/3/2023 9:49	11/3/2023 10:00	10.8	0
14239	11/3/2023 9:50	11/3/2023 10:00	9.8	0
7902724	11/3/2023 9:50	11/3/2023 10:00	9	0
198082	11/3/2023 9:51	11/3/2023 10:00	8.8	0
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1309098	11/3/2023 9:55	11/3/2023 10:00	4	0
469018	11/3/2023 9:57	11/3/2023 10:00	2	0
1393699	11/3/2023 9:58	11/3/2023 10:00	1	0
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8068454	11/3/2023 10:00	11/3/2023 11:38	98	0
1020565	11/3/2023 10:00	11/3/2023 12:02	122	0
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26864	11/3/2023 10:00	11/3/2023 12:11	131	0
1447211	11/3/2023 10:00	11/3/2023 14:59	299	0
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637185	11/3/2023 10:00	11/4/2023 10:00	1439	0
1405290	11/3/2023 10:00	11/3/2023 19:15	555	0.22
8910809	11/3/2023 10:00	11/3/2023 20:09	609	0
189581	11/3/2023 10:00	11/3/2023 19:18	558	0
314188	11/3/2023 10:00	11/3/2023 13:48	228	0
195216	11/3/2023 10:00	11/3/2023 19:11	551	0
308959	11/3/2023 10:00	11/3/2023 13:51	231	0
1321750	11/3/2023 10:00	11/3/2023 20:09	609	1.21
10510361	11/3/2023 10:00	11/3/2023 19:14	554	0
1557303	11/3/2023 10:00	11/3/2023 11:04	64	0
1466445	11/3/2023 10:00	11/3/2023 13:43	223	0
315169	11/3/2023 10:00	11/3/2023 13:51	231	0
705447	11/3/2023 10:00	11/4/2023 10:00	1439	0
1538102	11/3/2023 10:00	11/3/2023 11:50	110	0
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1361543	11/3/2023 10:00	11/4/2023 0:28	868	0
317084	11/3/2023 10:00	11/3/2023 19:18	558	0
309944	11/3/2023 10:00	11/3/2023 11:38	98	0
11081884	11/3/2023 10:00	11/3/2023 19:18	558	0
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198082	11/3/2023 10:00	11/3/2023 19:12	552	0
1554218	11/3/2023 10:00	11/3/2023 11:06	66	0
523489	11/3/2023 10:00	11/3/2023 19:13	553	0.02

1433697	11/3/2023 10:00	11/3/2023 11:12	72	0
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41508	11/3/2023 10:00	11/4/2023 10:00	1439	0
14239	11/3/2023 10:00	11/3/2023 12:32	152	0
279833	11/3/2023 10:00	11/3/2023 19:11	551	0
1308096	11/3/2023 10:00	11/4/2023 10:00	1439	0
199354	11/3/2023 10:00	11/3/2023 19:12	552	0
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264186	11/3/2023 10:00	11/4/2023 10:00	1439	0
7902724	11/3/2023 10:00	11/3/2023 14:35	275	0
1453263	11/3/2023 10:00	11/3/2023 11:26	86	0
317797	11/3/2023 10:00	11/3/2023 19:11	551	0
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569142	11/3/2023 10:00	11/3/2023 13:09	189	0
1390184	11/3/2023 10:00	11/3/2023 20:12	612	0
1553065	11/3/2023 10:00	11/3/2023 11:09	69	0
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280780	11/3/2023 10:00	11/4/2023 10:00	1439	0
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988954	11/3/2023 10:02	11/3/2023 18:56	534	0
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1190246	11/3/2023 10:07	11/4/2023 0:28	861	0
195839	11/3/2023 10:07	11/3/2023 20:11	604	0
506261	11/3/2023 10:07	11/3/2023 14:08	241	0
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664453	11/3/2023 10:08	11/3/2023 14:09	241	0.77
197629	11/3/2023 10:08	11/4/2023 0:28	860	1.29
645339	11/3/2023 10:08	11/3/2023 11:37	89	0
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8502011	11/3/2023 10:08	11/4/2023 0:28	860	0
197690	11/3/2023 10:09	11/3/2023 20:07	598	0
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312766	11/3/2023 10:10	11/3/2023 20:03	593	0
1309098	11/3/2023 10:11	11/3/2023 11:40	89	0.01
315509	11/3/2023 10:11	11/4/2023 0:28	857	0.05
1432509	11/3/2023 10:12	11/3/2023 14:14	242	0
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315090	11/3/2023 10:12	11/3/2023 20:16	604	0
8734029	11/3/2023 10:12	11/3/2023 14:12	240	0
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469018	11/3/2023 10:13	11/3/2023 14:30	257	0
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1444809	11/3/2023 10:14	11/3/2023 20:12	598	0
1466638	11/3/2023 10:14	11/3/2023 11:43	89	0
1573666	11/3/2023 10:15	11/3/2023 14:30	255	0
51483	11/3/2023 10:15	11/3/2023 20:09	594	0
158427	11/3/2023 10:15	11/3/2023 21:35	680	0
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309961	11/3/2023 10:16	11/3/2023 11:35	79	0
926638	11/3/2023 10:16	11/4/2023 10:00	1423.42	0
195187	11/3/2023 10:17	11/3/2023 19:17	540	0
1272457	11/3/2023 10:17	11/3/2023 11:46	89	0
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1430553	11/3/2023 10:17	11/3/2023 14:35	258	0.02
262048	11/3/2023 10:18	11/3/2023 13:17	179	3.18
8950281	11/3/2023 10:18	11/3/2023 20:16	598	0
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11467920	11/3/2023 10:19	11/3/2023 19:14	535	0.02
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740241	11/3/2023 10:20	11/3/2023 11:34	74	0
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1683861	11/3/2023 10:21	11/3/2023 20:15	594	0.44
509102	11/3/2023 10:21	11/3/2023 14:06	225	0
267084	11/3/2023 10:21	11/4/2023 10:00	1418.8	0
496500	11/3/2023 10:22	11/3/2023 14:34	252	0
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193420	11/3/2023 10:22	11/4/2023 10:00	1417	0
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8148103	11/3/2023 10:22	11/3/2023 20:17	595	0
316997	11/3/2023 10:22	11/3/2023 20:16	594	0
274125	11/3/2023 10:22	11/4/2023 0:28	846	0
793285	11/3/2023 10:23	11/4/2023 0:28	845	0
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315346	11/3/2023 10:24	11/3/2023 20:07	583	0
510307	11/3/2023 10:25	11/3/2023 20:04	579	0
315345	11/3/2023 10:25	11/3/2023 20:13	588	0
314899	11/3/2023 10:25	11/4/2023 0:28	843	0
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790670	11/3/2023 10:26	11/4/2023 0:28	842	0
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1583853	11/3/2023 10:28	11/3/2023 20:06	578	0
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1493132	11/3/2023 11:16	11/3/2023 20:17	541	1.26

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627289	11/3/2023 11:36	11/3/2023 11:52	16	0
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99902	11/3/2023 11:36	11/3/2023 13:37	121	0
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1310926	11/3/2023 11:37	11/3/2023 12:09	32	0
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1332906	11/3/2023 11:40	11/3/2023 12:06	26	0

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854579	11/3/2023 11:48	11/3/2023 13:49	121	0
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276488	11/3/2023 11:49	11/4/2023 0:28	759	0
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740241	11/3/2023 11:50	11/3/2023 13:50	120	0
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275495	11/3/2023 11:50	11/4/2023 0:28	758	0
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352964	11/3/2023 11:59	11/4/2023 10:00	1320	0
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1020565	11/3/2023 12:02	11/3/2023 13:15	73	0
1272457	11/3/2023 12:02	11/3/2023 12:13	11	0
454861	11/3/2023 12:03	11/3/2023 15:07	184	0.09
308032	11/3/2023 12:03	11/4/2023 10:00	1316	0.09
457978	11/3/2023 12:03	11/3/2023 15:06	183	0
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1309098	11/3/2023 14:08	11/3/2023 14:24	16	0.04
506261	11/3/2023 14:08	11/3/2023 14:24	16	0
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624953	11/3/2023 14:09	11/3/2023 14:19	10	0
507365	11/3/2023 14:09	11/3/2023 14:25	16	0
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627289	11/3/2023 14:09	11/3/2023 14:24	15	0

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903630	11/3/2023 20:07	11/4/2023 10:00	832	0
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194491	11/3/2023 20:18	11/4/2023 10:00	821	0
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449377	11/3/2023 20:45	11/3/2023 21:40	55	0
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1282057	11/3/2023 21:12	11/4/2023 10:00	768	0
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1466638	11/4/2023 8:22	11/4/2023 10:00	97	0
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304785	11/4/2023 9:01	11/4/2023 10:00	58.8	0
1553065	11/4/2023 9:01	11/4/2023 10:00	58.4	0.12
1433697	11/4/2023 9:10	11/4/2023 9:29	19	0
1494722	11/4/2023 9:11	11/4/2023 10:00	48	0
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304295	11/4/2023 9:31	11/4/2023 10:00	28	0
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1551510	11/4/2023 9:39	11/4/2023 10:00	20	0
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1551513	11/4/2023 9:40	11/4/2023 10:00	19	0
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705447	11/4/2023 10:00	11/5/2023 10:00	1439	0
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564357	11/4/2023 10:00	11/5/2023 10:00	1439	0
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304295	11/4/2023 10:13	11/4/2023 14:31	258	0
1251782	11/4/2023 10:14	11/4/2023 20:09	595	0.47
1700586	11/4/2023 10:14	11/4/2023 19:46	572	0
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1019446	11/4/2023 10:16	11/4/2023 19:46	570	0.45
51957	11/4/2023 10:17	11/4/2023 14:36	259	0
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309961	11/4/2023 10:20	11/4/2023 20:08	588	0
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1604432	11/4/2023 10:34	11/4/2023 19:50	556	0
817825	11/4/2023 10:34	11/4/2023 20:05	571	0
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70866	11/4/2023 10:37	11/5/2023 10:00	1402.8	0
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1514004	11/4/2023 10:47	11/4/2023 19:58	551	0
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1518000	11/4/2023 10:53	11/4/2023 11:56	63	0
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609757	11/4/2023 10:56	11/4/2023 13:39	163	0
378229	11/4/2023 10:56	11/4/2023 20:06	550	0.15
26864	11/4/2023 10:56	11/4/2023 13:12	136	0
1320619	11/4/2023 10:56	11/4/2023 14:26	210	0
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7902724	11/4/2023 11:05	11/4/2023 11:20	15	0
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197356	11/4/2023 11:08	11/4/2023 20:02	534	0

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1446785	11/4/2023 11:10	11/4/2023 19:51	521	0
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158427	11/4/2023 11:15	11/4/2023 13:42	147	0
1393699	11/4/2023 11:16	11/4/2023 19:49	513	0
1394324	11/4/2023 11:18	11/4/2023 20:03	525	0
1430553	11/4/2023 11:19	11/4/2023 14:17	178	0
1394365	11/4/2023 11:19	11/4/2023 20:04	525	0
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859747	11/4/2023 11:19	11/4/2023 11:35	16	0
9063373	11/4/2023 11:20	11/4/2023 20:04	524	0
7902724	11/4/2023 11:20	11/4/2023 11:35	15	0
740241	11/4/2023 11:21	11/4/2023 11:37	16	0
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1430838	11/4/2023 11:21	11/4/2023 14:19	178	0
1554677	11/4/2023 11:21	11/4/2023 19:55	514	0
645339	11/4/2023 11:21	11/4/2023 11:37	16	0
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860281	11/4/2023 11:22	11/4/2023 11:38	16	0
466549	11/4/2023 11:23	11/4/2023 20:02	519	0
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859747	11/4/2023 11:35	11/4/2023 12:06	31	0
320966	11/4/2023 11:35	11/4/2023 11:45	10	0
314188	11/4/2023 11:35	11/4/2023 12:07	32	0
315169	11/4/2023 11:36	11/4/2023 12:02	26	0
740241	11/4/2023 11:37	11/4/2023 11:53	16	0
645339	11/4/2023 11:37	11/4/2023 12:08	31	0
455994	11/4/2023 11:37	11/4/2023 11:52	15	0
8387677	11/4/2023 11:38	11/4/2023 14:42	184	0
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507365	11/4/2023 11:40	11/4/2023 13:41	121	0
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315730	11/4/2023 11:48	11/4/2023 12:36	48	0
262048	11/4/2023 11:48	11/4/2023 13:01	73	0.22
1704232	11/4/2023 11:49	11/4/2023 13:03	74	0
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1516432	11/4/2023 11:56	11/4/2023 12:22	26	0
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1451744	11/4/2023 14:12	11/4/2023 14:38	26	0
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1527339	11/4/2023 14:15	11/4/2023 14:46	31	0

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1669201	11/4/2023 14:31	11/4/2023 14:46	15	0
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7902724	11/4/2023 14:35	11/4/2023 14:50	15	0
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791510	11/4/2023 14:38	11/4/2023 19:58	320	0.08
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324290	11/4/2023 15:35	11/4/2023 19:58	263	0
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1466357	11/4/2023 18:52	11/5/2023 10:00	907.4	0
262048	11/4/2023 18:53	11/5/2023 10:00	906.8	0
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198082	11/4/2023 19:04	11/5/2023 10:00	895.8	0
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1321605	11/4/2023 19:48	11/5/2023 10:00	851	0
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605186	11/5/2023 11:37	11/5/2023 14:20	163	0
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508593	11/5/2023 11:42	11/5/2023 19:03	441	0
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455994	11/5/2023 11:47	11/5/2023 14:19	152	0
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8950281	11/5/2023 11:48	11/5/2023 12:04	16	0

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8502011	11/5/2023 12:08	11/5/2023 15:06	178	0
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304295	11/5/2023 19:14	11/6/2023 10:00	885	0
315509	11/5/2023 19:14	11/6/2023 10:00	885	0
11081884	11/5/2023 19:14	11/6/2023 10:00	885.8	0
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353371	11/5/2023 19:16	11/6/2023 10:00	883.8	0
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1444809	11/6/2023 8:56	11/6/2023 10:00	63	0
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1466445	11/6/2023 9:12	11/6/2023 10:00	47.4	0
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308959	11/6/2023 9:17	11/6/2023 10:00	42.8	0
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564357	11/6/2023 10:00	11/7/2023 9:00	1379	0
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740241	11/6/2023 10:07	11/6/2023 12:39	152	0
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304295	11/6/2023 10:31	11/6/2023 12:53	142	0
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8950281	11/6/2023 10:33	11/6/2023 12:34	121	0
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51483	11/6/2023 10:34	11/6/2023 12:35	121	0

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317084	11/6/2023 10:39	11/6/2023 19:11	512	0
664453	11/6/2023 10:40	11/6/2023 19:57	557	0.22
317797	11/6/2023 10:42	11/6/2023 19:06	504	0
314899	11/6/2023 10:42	11/6/2023 19:59	557	0
1573666	11/6/2023 10:44	11/6/2023 19:03	499	0
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455345	11/6/2023 10:49	11/6/2023 12:34	105	0
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1390184	11/6/2023 10:51	11/6/2023 19:01	490	0
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1551513	11/6/2023 10:51	11/6/2023 19:02	491	0
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1624452	11/6/2023 11:01	11/6/2023 19:59	538	0
314188	11/6/2023 11:02	11/6/2023 19:03	481	0
308959	11/6/2023 11:02	11/6/2023 19:02	480	0
1514256	11/6/2023 11:02	11/6/2023 12:31	89	0.08
309961	11/6/2023 11:03	11/6/2023 19:09	486	0
315730	11/6/2023 11:04	11/6/2023 19:04	480	0
496500	11/6/2023 11:05	11/6/2023 19:00	475	0

7902724	11/6/2023 11:05	11/6/2023 11:20	15	0
309233	11/6/2023 11:05	11/6/2023 11:47	42	0
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315169	11/6/2023 11:06	11/6/2023 19:01	475	0
274522	11/6/2023 11:06	11/6/2023 12:35	89	0
4173986	11/6/2023 11:06	11/6/2023 12:04	58	0
279833	11/6/2023 11:07	11/6/2023 12:05	58	0
1320619	11/6/2023 11:07	11/6/2023 11:54	47	0
1516739	11/6/2023 11:07	11/6/2023 11:23	16	0
1421188	11/6/2023 11:07	11/6/2023 19:02	475	0.36
316997	11/6/2023 11:08	11/6/2023 19:09	481	0
1555268	11/6/2023 11:08	11/6/2023 19:03	475	0
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319726	11/6/2023 11:09	11/6/2023 19:51	522	0
793285	11/6/2023 11:09	11/6/2023 12:54	105	0
316971	11/6/2023 11:09	11/6/2023 19:05	476	0
1309098	11/6/2023 11:10	11/6/2023 19:58	528	0.41
8148103	11/6/2023 11:10	11/6/2023 19:09	479	0
24124	11/6/2023 11:10	11/6/2023 11:41	31	0
1517059	11/6/2023 11:10	11/6/2023 11:25	15	0
315306	11/6/2023 11:10	11/6/2023 19:06	476	0
1310926	11/6/2023 11:10	11/6/2023 19:06	476	0
1320646	11/6/2023 11:10	11/6/2023 11:53	43	0
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790670	11/6/2023 11:11	11/6/2023 12:56	105	0
8486022	11/6/2023 11:11	11/6/2023 12:56	105	0
1432940	11/6/2023 11:11	11/6/2023 19:02	471	0
23566	11/6/2023 11:12	11/6/2023 11:27	15	0
29635	11/6/2023 11:13	11/6/2023 11:56	43	0
449036	11/6/2023 11:15	11/6/2023 12:50	95	0.18
1020565	11/6/2023 11:15	11/6/2023 11:47	32	0
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1463218	11/6/2023 11:18	11/6/2023 19:52	514	0
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1664433	11/6/2023 11:21	11/6/2023 13:53	152	0
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1516739	11/6/2023 11:23	11/6/2023 19:03	460	0
1321750	11/6/2023 11:23	11/6/2023 19:57	514	0.65
198082	11/6/2023 11:23	11/6/2023 11:54	31	0
1465391	11/6/2023 11:24	11/6/2023 12:58	94	0

507365	11/6/2023 11:24	11/6/2023 19:15	471	0
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1517059	11/6/2023 11:25	11/6/2023 19:00	455	0.07
378229	11/6/2023 11:26	11/6/2023 15:11	225	0
26864	11/6/2023 11:26	11/6/2023 11:57	31	0
353651	11/6/2023 11:27	11/6/2023 19:02	455	0
25066	11/6/2023 11:27	11/6/2023 11:43	16	0
23566	11/6/2023 11:27	11/6/2023 11:43	16	0
7533405	11/6/2023 11:27	11/6/2023 12:03	36	0
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1361543	11/6/2023 11:29	11/6/2023 12:17	48	0
1433697	11/6/2023 11:29	11/6/2023 12:27	58	0
1358503	11/6/2023 11:29	11/6/2023 12:17	48	0
1514004	11/6/2023 11:32	11/6/2023 12:30	58	0
1576533	11/6/2023 11:32	11/6/2023 19:01	449	0.18
1360948	11/6/2023 11:33	11/6/2023 12:20	47	0
274125	11/6/2023 11:33	11/6/2023 12:36	63	0
353728	11/6/2023 11:33	11/6/2023 19:14	461	0
1358893	11/6/2023 11:34	11/6/2023 12:21	47	0
325050	11/6/2023 11:35	11/6/2023 12:05	30	0
1549436	11/6/2023 11:35	11/6/2023 19:05	450	0
281332	11/6/2023 11:35	11/6/2023 12:38	63	0
1549376	11/6/2023 11:36	11/6/2023 19:00	444	0
645339	11/6/2023 11:36	11/6/2023 12:38	62	0
800600	11/6/2023 11:37	11/6/2023 12:41	64	0
280364	11/6/2023 11:37	11/6/2023 12:34	57	0.08
313269	11/6/2023 11:38	11/6/2023 19:08	450	0
1546695	11/6/2023 11:38	11/6/2023 16:38	300	0
312766	11/6/2023 11:38	11/6/2023 19:02	444	0
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8387677	11/6/2023 11:39	11/6/2023 19:03	444	0
800588	11/6/2023 11:39	11/6/2023 12:37	58	0
317126	11/6/2023 11:39	11/6/2023 19:05	446	0
793737	11/6/2023 11:39	11/6/2023 12:41	62	0
315090	11/6/2023 11:40	11/6/2023 19:04	444	0
315708	11/6/2023 11:40	11/6/2023 19:04	444	0.31
188639	11/6/2023 11:40	11/6/2023 19:05	445	0.05

8524544	11/6/2023 11:40	11/6/2023 19:03	443	0
792446	11/6/2023 11:40	11/6/2023 12:38	58	0
315509	11/6/2023 11:40	11/6/2023 19:14	454	0
1547692	11/6/2023 11:40	11/6/2023 19:04	444	0
791361	11/6/2023 11:41	11/6/2023 12:41	60	0
24124	11/6/2023 11:41	11/6/2023 19:07	446	0
801004	11/6/2023 11:41	11/6/2023 19:02	441	0
1377926	11/6/2023 11:42	11/6/2023 14:31	169	0
23566	11/6/2023 11:43	11/6/2023 11:59	16	0
25066	11/6/2023 11:43	11/6/2023 11:58	15	0
800590	11/6/2023 11:44	11/6/2023 12:37	53	0
23462	11/6/2023 11:44	11/6/2023 12:00	16	0
1591422	11/6/2023 11:44	11/6/2023 12:47	63	0
25674	11/6/2023 11:44	11/6/2023 15:31	227	0
1565203	11/6/2023 11:45	11/6/2023 19:04	439	0
1376158	11/6/2023 11:46	11/6/2023 12:44	58	0
416557	11/6/2023 11:46	11/6/2023 19:48	482	0
309233	11/6/2023 11:47	11/6/2023 16:20	273	0
311273	11/6/2023 11:47	11/6/2023 12:02	15	0
70866	11/6/2023 11:47	11/6/2023 19:06	439	0
1020565	11/6/2023 11:47	11/6/2023 12:29	42	0
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266010	11/6/2023 11:48	11/6/2023 19:58	490	0
1394324	11/6/2023 11:48	11/6/2023 19:07	439	0
1394365	11/6/2023 11:48	11/6/2023 19:04	436	0
9063373	11/6/2023 11:49	11/6/2023 19:08	439	0
194491	11/6/2023 11:50	11/6/2023 20:55	545	0
1539692	11/6/2023 11:50	11/6/2023 12:55	65	0
729928	11/6/2023 11:50	11/6/2023 12:32	42	0
8068454	11/6/2023 11:50	11/6/2023 12:22	32	0
193791	11/6/2023 11:50	11/6/2023 19:08	438	0
197356	11/6/2023 11:50	11/6/2023 19:09	439	0
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1332906	11/6/2023 11:50	11/6/2023 19:53	483	0
10659831	11/6/2023 11:51	11/6/2023 19:05	434	0
195187	11/6/2023 11:51	11/6/2023 19:09	438	0
1538916	11/6/2023 11:52	11/6/2023 12:50	58	0
193420	11/6/2023 11:52	11/7/2023 9:00	1267	0
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1432827	11/6/2023 11:52	11/6/2023 19:55	483	0
1320646	11/6/2023 11:53	11/6/2023 19:01	428	0
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1539469	11/6/2023 11:53	11/6/2023 12:50	57	0
1431804	11/6/2023 11:53	11/6/2023 19:56	483	0
956968	11/6/2023 11:53	11/6/2023 19:56	483	0
195216	11/6/2023 11:53	11/6/2023 19:06	433	0
1453263	11/6/2023 11:53	11/6/2023 15:12	199	0

196965	11/6/2023 11:54	11/6/2023 19:02	428	0
1320619	11/6/2023 11:54	11/6/2023 13:08	74	0
2032900	11/6/2023 11:54	11/6/2023 19:55	481	0
793690	11/6/2023 11:54	11/6/2023 12:57	63	0
198082	11/6/2023 11:54	11/6/2023 12:10	16	0
506261	11/6/2023 11:55	11/6/2023 19:59	484	0.06
29635	11/6/2023 11:56	11/6/2023 12:12	16	0
561773	11/6/2023 11:56	11/6/2023 19:04	428	0
658177	11/6/2023 11:56	11/6/2023 15:42	226	0
1301093	11/6/2023 11:57	11/6/2023 19:04	427	0
26864	11/6/2023 11:57	11/6/2023 12:13	16	0
1466357	11/6/2023 11:57	11/6/2023 12:55	58	0
1109994	11/6/2023 11:57	11/6/2023 12:55	58	0
562727	11/6/2023 11:57	11/6/2023 19:01	424	0.12
25066	11/6/2023 11:58	11/6/2023 15:59	241	0
23566	11/6/2023 11:59	11/6/2023 16:00	241	0
428372	11/6/2023 11:59	11/6/2023 19:53	474	0
1395587	11/6/2023 12:00	11/6/2023 19:58	478	0
8495802	11/6/2023 12:00	11/6/2023 19:03	423	0.14
259674	11/6/2023 12:00	11/6/2023 19:59	479	0
23462	11/6/2023 12:00	11/6/2023 12:10	10	0
1375642	11/6/2023 12:01	11/6/2023 12:43	42	0
311273	11/6/2023 12:02	11/6/2023 19:10	428	0
7937779	11/6/2023 12:02	11/6/2023 12:44	42	0
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1027973	11/6/2023 12:03	11/6/2023 15:17	194	0
7533405	11/6/2023 12:03	11/6/2023 12:14	11	0
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926505	11/6/2023 12:03	11/7/2023 9:00	1256	0
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190372	11/6/2023 12:04	11/6/2023 13:02	58	0
1683861	11/6/2023 12:04	11/6/2023 19:04	420	0
771990	11/6/2023 12:04	11/6/2023 19:02	418	0
4173986	11/6/2023 12:04	11/6/2023 12:35	31	0
1417279	11/6/2023 12:04	11/6/2023 12:20	16	0
325050	11/6/2023 12:05	11/6/2023 12:25	20	0
495705	11/6/2023 12:05	11/6/2023 19:59	474	0
627018	11/6/2023 12:05	11/6/2023 12:36	31	0
276488	11/6/2023 12:05	11/6/2023 12:36	31	0
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494734	11/6/2023 12:05	11/6/2023 19:01	416	0
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279833	11/6/2023 12:05	11/6/2023 12:36	31	0
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1465703	11/6/2023 12:06	11/6/2023 19:03	417	0
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624716	11/6/2023 12:07	11/6/2023 19:05	418	0
510522	11/6/2023 12:07	11/6/2023 19:00	413	0
519373	11/6/2023 12:07	11/6/2023 19:10	423	0
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267537	11/6/2023 12:07	11/6/2023 19:06	419	0
494873	11/6/2023 12:07	11/6/2023 19:04	417	0
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495383	11/6/2023 12:08	11/6/2023 19:06	418	0
494772	11/6/2023 12:08	11/6/2023 19:06	418	0
314163	11/6/2023 12:08	11/6/2023 15:53	225	0
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624628	11/6/2023 12:08	11/6/2023 12:34	26	0
1446785	11/6/2023 12:08	11/6/2023 19:05	417	0.14
624953	11/6/2023 12:08	11/6/2023 12:34	26	0
495713	11/6/2023 12:08	11/6/2023 19:05	417	0
494918	11/6/2023 12:08	11/6/2023 19:04	416	0
878149	11/6/2023 12:09	11/6/2023 12:20	11	0
315380	11/6/2023 12:09	11/6/2023 15:55	226	0
610737	11/6/2023 12:09	11/7/2023 9:00	1250	0
509102	11/6/2023 12:09	11/6/2023 19:02	413	0
313954	11/6/2023 12:09	11/6/2023 15:55	226	0
1093833	11/6/2023 12:09	11/6/2023 12:40	31	0
314564	11/6/2023 12:09	11/6/2023 15:55	226	0
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27483	11/6/2023 12:10	11/6/2023 19:04	414	0
656628	11/6/2023 12:10	11/6/2023 19:02	412	0.05
319279	11/6/2023 12:10	11/7/2023 9:00	1249.8	0
23462	11/6/2023 12:10	11/6/2023 19:56	466	0
508593	11/6/2023 12:10	11/6/2023 19:02	412	0
198082	11/6/2023 12:10	11/6/2023 12:20	10	0
1670039	11/6/2023 12:11	11/6/2023 19:09	418	0
571420	11/6/2023 12:11	11/6/2023 19:59	468	0
30176	11/6/2023 12:11	11/7/2023 9:00	1248	0
313731	11/6/2023 12:11	11/6/2023 15:57	226	0
315604	11/6/2023 12:11	11/6/2023 15:57	226	0
315752	11/6/2023 12:11	11/6/2023 15:57	226	0
158427	11/6/2023 12:11	11/6/2023 19:04	413	0
34887	11/6/2023 12:12	11/6/2023 19:03	411	0

10371797	11/6/2023 12:12	11/6/2023 15:57	225	0
1512447	11/6/2023 12:12	11/6/2023 19:00	408	0.02
280780	11/6/2023 12:12	11/6/2023 12:38	26	0
29635	11/6/2023 12:12	11/6/2023 16:29	257	0
29848	11/6/2023 12:13	11/6/2023 19:02	409	0.01
304345	11/6/2023 12:13	11/6/2023 12:45	32	0
26864	11/6/2023 12:13	11/6/2023 19:05	412	0
569420	11/6/2023 12:13	11/6/2023 19:49	456	0
35442	11/6/2023 12:14	11/6/2023 19:11	417	0
34833	11/6/2023 12:14	11/7/2023 9:00	1245	0
28110	11/6/2023 12:14	11/7/2023 9:00	1245	0
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1393633	11/6/2023 12:15	11/6/2023 12:41	26	0.2
350753	11/6/2023 12:15	11/6/2023 19:13	418	0
1361099	11/6/2023 12:15	11/6/2023 13:02	47	0
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8621797	11/6/2023 12:17	11/6/2023 12:43	26	0
1363754	11/6/2023 12:17	11/6/2023 13:00	43	0
1358503	11/6/2023 12:17	11/6/2023 13:04	47	0
1361543	11/6/2023 12:17	11/6/2023 13:04	47	0
1361145	11/6/2023 12:17	11/6/2023 13:05	48	0
5212517	11/6/2023 12:17	11/6/2023 12:47	30	0
1358945	11/6/2023 12:18	11/6/2023 13:00	42	0
623069	11/6/2023 12:19	11/6/2023 19:59	460	0
499998	11/6/2023 12:19	11/6/2023 19:07	408	0.02
39139	11/6/2023 12:19	11/6/2023 12:50	31	0
619266	11/6/2023 12:19	11/6/2023 19:01	402	0
1360948	11/6/2023 12:20	11/6/2023 13:02	42	0
198082	11/6/2023 12:20	11/6/2023 19:07	407	0
1417279	11/6/2023 12:20	11/6/2023 19:56	456	0
878149	11/6/2023 12:20	11/6/2023 19:07	407	0
623871	11/6/2023 12:21	11/6/2023 16:07	226	0
1358893	11/6/2023 12:21	11/6/2023 13:03	42	0
324045	11/6/2023 12:22	11/6/2023 12:37	15	0
8068454	11/6/2023 12:22	11/6/2023 12:53	31	0
1321663	11/6/2023 12:23	11/6/2023 19:58	455	0.04
623612	11/6/2023 12:23	11/6/2023 16:09	226	0
325050	11/6/2023 12:25	11/6/2023 12:40	15	0
1433697	11/6/2023 12:27	11/6/2023 12:29	2	0
1405290	11/6/2023 12:28	11/6/2023 17:43	315	0.02
10628562	11/6/2023 12:29	11/6/2023 12:45	16	0
1020565	11/6/2023 12:29	11/6/2023 15:01	152	0
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1076617	11/6/2023 12:35	11/6/2023 13:23	48	0.47
454901	11/6/2023 12:35	11/6/2023 13:21	46	0
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456099	11/6/2023 12:35	11/6/2023 13:17	42	0
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324045	11/6/2023 12:37	11/6/2023 15:05	148	0.03
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740241	11/6/2023 12:39	11/6/2023 12:49	10	0
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793937	11/6/2023 12:41	11/6/2023 15:42	181	0
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1393699	11/6/2023 12:42	11/6/2023 14:42	120	0
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1604432	11/6/2023 12:51	11/6/2023 13:33	42	0
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627289	11/6/2023 12:53	11/6/2023 16:07	194	0
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304295	11/6/2023 12:58	11/6/2023 15:15	137	0
1465391	11/6/2023 12:58	11/6/2023 13:14	16	0
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1358945	11/6/2023 13:00	11/6/2023 13:42	42	0
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304345	11/6/2023 13:01	11/6/2023 19:03	362	0
10628562	11/6/2023 13:01	11/6/2023 13:32	31	0
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190372	11/6/2023 13:02	11/6/2023 13:49	47	0
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1361145	11/6/2023 13:05	11/6/2023 13:42	37	0
8950281	11/6/2023 13:06	11/6/2023 13:47	41	0
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1433697	11/6/2023 13:07	11/6/2023 19:15	368	0
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1466445	11/6/2023 13:13	11/6/2023 15:09	116	0
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1076617	11/6/2023 13:23	11/6/2023 14:05	42	0
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1526024	11/6/2023 13:30	11/6/2023 14:33	63	0
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318815	11/6/2023 13:31	11/7/2023 9:00	1168	0
10628562	11/6/2023 13:32	11/6/2023 14:46	74	0

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1358503	11/6/2023 13:41	11/7/2023 9:00	1158	0
1358945	11/6/2023 13:42	11/7/2023 9:00	1157	0
1361543	11/6/2023 13:42	11/7/2023 9:00	1157	0
1361145	11/6/2023 13:42	11/7/2023 9:00	1157	0
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8950281	11/6/2023 13:47	11/6/2023 15:17	90	0
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190372	11/6/2023 13:49	11/6/2023 19:07	318	0
51483	11/6/2023 13:49	11/6/2023 15:18	89	0
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903630	11/6/2023 13:53	11/7/2023 9:00	1146	0
914462	11/6/2023 13:55	11/7/2023 9:00	1144	0
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328113	11/6/2023 14:02	11/6/2023 15:16	74	0
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1375642	11/6/2023 14:29	11/6/2023 15:27	58	0
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1527339	11/6/2023 14:31	11/6/2023 15:45	74	0
7937779	11/6/2023 14:32	11/6/2023 15:14	42	0
1526024	11/6/2023 14:33	11/6/2023 15:47	74	0
1538102	11/6/2023 14:34	11/6/2023 15:53	79	0
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1538398	11/6/2023 14:34	11/6/2023 15:21	47	0

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740241	11/6/2023 15:06	11/6/2023 15:21	15	0
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624953	11/6/2023 15:07	11/6/2023 15:22	15	0
1452193	11/6/2023 15:07	11/6/2023 15:23	16	0
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627018	11/6/2023 15:09	11/6/2023 15:24	15	0
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510307	11/6/2023 19:54	11/7/2023 9:00	785	0
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1020565	11/6/2023 19:55	11/7/2023 9:00	784.72	0
1700586	11/6/2023 19:55	11/7/2023 9:00	784	0
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454861	11/6/2023 19:59	11/7/2023 9:00	780	0
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1321605	11/7/2023 9:39	11/7/2023 18:50	551	0.13
29635	11/7/2023 9:41	11/7/2023 14:14	273	0
26864	11/7/2023 9:42	11/7/2023 11:11	89	0
1393699	11/7/2023 9:42	11/7/2023 19:02	560	0
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1494722	11/7/2023 9:44	11/7/2023 19:11	567	0.9
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1604432	11/7/2023 10:04	11/7/2023 19:08	544	0.02
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1551510	11/7/2023 10:23	11/7/2023 14:14	231	0
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1027973	11/7/2023 11:01	11/7/2023 11:17	16	0
317053	11/7/2023 11:01	11/7/2023 19:08	487	0
1394324	11/7/2023 11:02	11/7/2023 19:10	488	0
9063373	11/7/2023 11:03	11/7/2023 19:12	489	0
317768	11/7/2023 11:03	11/7/2023 11:35	32	0
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1466445	11/7/2023 11:04	11/7/2023 15:06	242	0
455994	11/7/2023 11:04	11/7/2023 11:35	31	0
1394365	11/7/2023 11:05	11/7/2023 19:08	483	0
1465391	11/7/2023 11:06	11/7/2023 15:02	236	0
314564	11/7/2023 11:07	11/7/2023 11:23	16	0
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791361	11/7/2023 11:07	11/7/2023 18:59	472	0
605186	11/7/2023 11:07	11/7/2023 19:05	478	0
315604	11/7/2023 11:08	11/7/2023 11:24	16	0
8068454	11/7/2023 11:08	11/7/2023 13:09	121	0
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317126	11/7/2023 11:09	11/7/2023 19:06	477	0
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1451744	11/7/2023 11:10	11/7/2023 19:02	472	0.1
313731	11/7/2023 11:10	11/7/2023 11:26	16	0
315380	11/7/2023 11:10	11/7/2023 11:26	16	0
793737	11/7/2023 11:10	11/7/2023 19:03	473	0
658177	11/7/2023 11:10	11/7/2023 18:52	462	0
325050	11/7/2023 11:10	11/7/2023 11:52	42	0
26864	11/7/2023 11:11	11/7/2023 13:43	152	0

494918	11/7/2023 11:11	11/7/2023 19:07	476	0
793937	11/7/2023 11:11	11/7/2023 18:47	456	0
1453263	11/7/2023 11:12	11/7/2023 19:05	473	0
656628	11/7/2023 11:12	11/7/2023 19:05	473	0.05
10371797	11/7/2023 11:12	11/7/2023 11:22	10	0
494772	11/7/2023 11:12	11/7/2023 19:08	476	0
314163	11/7/2023 11:13	11/7/2023 11:23	10	0
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10371797	11/7/2023 11:22	11/7/2023 17:24	362	0
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315380	11/7/2023 11:26	11/7/2023 17:23	357	0
313731	11/7/2023 11:26	11/7/2023 17:29	363	0
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587455	11/7/2023 11:29	11/7/2023 14:01	152	0
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1595324	11/7/2023 11:33	11/7/2023 11:49	16	0
1431804	11/7/2023 11:33	11/7/2023 13:50	137	0
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10628562	11/7/2023 11:33	11/7/2023 11:49	16	0
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854579	11/7/2023 11:34	11/7/2023 11:49	15	0
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6168330	11/7/2023 11:36	11/7/2023 11:52	16	0
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1514256	11/7/2023 11:45	11/7/2023 12:01	16	0
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416557	11/7/2023 11:47	11/7/2023 12:02	15	0
1556246	11/7/2023 11:47	11/7/2023 12:19	32	0
454901	11/7/2023 11:48	11/7/2023 12:04	16	0
1557100	11/7/2023 11:48	11/7/2023 12:20	32	0
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854579	11/7/2023 11:49	11/7/2023 12:37	48	0
456099	11/7/2023 11:49	11/7/2023 12:05	16	0
10628562	11/7/2023 11:49	11/7/2023 12:20	31	0
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1514004	11/7/2023 11:49	11/7/2023 12:00	11	0
1539391	11/7/2023 11:50	11/7/2023 14:33	163	0
455345	11/7/2023 11:50	11/7/2023 12:06	16	0
308622	11/7/2023 11:50	11/7/2023 12:06	16	0
455994	11/7/2023 11:51	11/7/2023 12:06	15	0
457729	11/7/2023 11:51	11/7/2023 12:06	15	0
457978	11/7/2023 11:51	11/7/2023 13:34	103	0
852071	11/7/2023 11:51	11/7/2023 12:38	47	0

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860281	11/7/2023 11:52	11/7/2023 12:34	42	0
325050	11/7/2023 11:52	11/7/2023 12:23	31	0
1557188	11/7/2023 11:52	11/7/2023 12:18	26	0
454861	11/7/2023 11:52	11/7/2023 12:03	11	0
859747	11/7/2023 11:52	11/7/2023 12:34	42	0
6168330	11/7/2023 11:52	11/7/2023 12:08	16	0
324045	11/7/2023 11:52	11/7/2023 12:23	31	0
854585	11/7/2023 11:52	11/7/2023 12:34	42	0
324290	11/7/2023 11:53	11/7/2023 12:25	32	0
1556243	11/7/2023 11:53	11/7/2023 12:19	26	0
740241	11/7/2023 11:53	11/7/2023 13:48	115	0
1514004	11/7/2023 12:00	11/7/2023 14:48	168	0
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1514256	11/7/2023 12:01	11/7/2023 19:11	430	0
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416557	11/7/2023 12:02	11/7/2023 14:29	147	0
1511875	11/7/2023 12:02	11/7/2023 19:02	420	0
454861	11/7/2023 12:03	11/7/2023 15:49	226	0
1671958	11/7/2023 12:04	11/7/2023 14:15	131	0
454901	11/7/2023 12:04	11/7/2023 15:49	225	0
456099	11/7/2023 12:05	11/7/2023 15:50	225	0
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457729	11/7/2023 12:06	11/7/2023 15:47	221	0
455345	11/7/2023 12:06	11/7/2023 15:52	226	0
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6168330	11/7/2023 12:08	11/8/2023 9:00	1251	0
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1554218	11/7/2023 12:17	11/7/2023 19:07	410	0
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1556243	11/7/2023 12:19	11/7/2023 19:09	410	0
1557100	11/7/2023 12:20	11/7/2023 19:02	402	0
10628562	11/7/2023 12:20	11/7/2023 15:19	179	0
1557303	11/7/2023 12:21	11/7/2023 19:00	399	0
325050	11/7/2023 12:23	11/7/2023 14:08	105	0
324045	11/7/2023 12:23	11/7/2023 14:24	121	0
914462	11/7/2023 12:24	11/7/2023 14:09	105	0
916441	11/7/2023 12:24	11/7/2023 14:09	105	0
324290	11/7/2023 12:25	11/7/2023 14:51	146	0

860281	11/7/2023 12:34	11/7/2023 14:34	120	0
854585	11/7/2023 12:34	11/7/2023 13:53	79	0
859747	11/7/2023 12:34	11/7/2023 14:35	121	0
854579	11/7/2023 12:37	11/7/2023 14:06	89	0
852071	11/7/2023 12:38	11/7/2023 13:36	58	0
588892	11/7/2023 13:04	11/7/2023 14:31	87	0
237758	11/7/2023 13:09	11/7/2023 19:06	357	0
8068454	11/7/2023 13:09	11/7/2023 14:07	58	0
237946	11/7/2023 13:13	11/7/2023 19:12	359	0
391316	11/7/2023 13:16	11/8/2023 9:00	1183	0
13876	11/7/2023 13:17	11/7/2023 14:04	47	0
455994	11/7/2023 13:20	11/7/2023 15:05	105	0
69207	11/7/2023 13:21	11/8/2023 9:00	1178	0
353728	11/7/2023 13:21	11/7/2023 13:37	16	0
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353371	11/7/2023 13:30	11/7/2023 14:17	47	0
350753	11/7/2023 13:30	11/7/2023 19:17	347	0
457978	11/7/2023 13:34	11/7/2023 15:51	137	0
852071	11/7/2023 13:36	11/8/2023 9:00	1163	0
353728	11/7/2023 13:37	11/7/2023 14:19	42	0
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23566	11/7/2023 13:40	11/7/2023 14:11	31	0
35442	11/7/2023 13:41	11/7/2023 14:13	32	0
30176	11/7/2023 13:42	11/7/2023 19:01	319	0
34832	11/7/2023 13:42	11/7/2023 14:13	31	0
34887	11/7/2023 13:42	11/7/2023 14:14	32	0
26864	11/7/2023 13:43	11/7/2023 14:15	32	0
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34833	11/7/2023 13:45	11/8/2023 9:00	1154	0
1320619	11/7/2023 13:47	11/8/2023 9:00	1152	0
68308	11/7/2023 13:48	11/8/2023 9:00	1151	0
740241	11/7/2023 13:48	11/7/2023 14:09	21	0
1432827	11/7/2023 13:49	11/7/2023 18:57	308	0
1431804	11/7/2023 13:50	11/7/2023 19:00	310	0
25066	11/7/2023 13:51	11/7/2023 14:12	21	0
854585	11/7/2023 13:53	11/7/2023 15:22	89	0
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188639	11/7/2023 13:57	11/7/2023 14:57	60	0
25674	11/7/2023 13:58	11/7/2023 14:55	57	0
189581	11/7/2023 13:59	11/7/2023 19:13	314	0
14605	11/7/2023 14:00	11/7/2023 19:10	310	0
587455	11/7/2023 14:01	11/7/2023 14:17	16	0
328113	11/7/2023 14:01	11/7/2023 14:17	16	0
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450309	11/7/2023 14:03	11/8/2023 9:00	1136	0

13876	11/7/2023 14:04	11/7/2023 19:08	304	0
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8068454	11/7/2023 14:07	11/7/2023 14:23	16	0
611761	11/7/2023 14:08	11/8/2023 9:00	1131	0
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740241	11/7/2023 14:09	11/7/2023 14:20	11	0
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1400258	11/7/2023 14:12	11/7/2023 14:28	16	0
25066	11/7/2023 14:12	11/7/2023 14:27	15	0
23462	11/7/2023 14:12	11/7/2023 14:28	16	0
571420	11/7/2023 14:13	11/7/2023 14:24	11	0
1670039	11/7/2023 14:13	11/7/2023 14:29	16	0
34832	11/7/2023 14:13	11/7/2023 14:45	32	0
35442	11/7/2023 14:13	11/7/2023 14:44	31	0
1551510	11/7/2023 14:14	11/8/2023 9:00	1125	0
29635	11/7/2023 14:14	11/7/2023 19:08	294	0
328570	11/7/2023 14:14	11/7/2023 19:27	313	0
34887	11/7/2023 14:14	11/7/2023 14:45	31	0
1671958	11/7/2023 14:15	11/7/2023 18:57	282	0
1027973	11/7/2023 14:15	11/7/2023 14:31	16	0
26864	11/7/2023 14:15	11/7/2023 14:30	15	0
596091	11/7/2023 14:16	11/7/2023 14:32	16	0
353371	11/7/2023 14:17	11/7/2023 14:32	15	0
353651	11/7/2023 14:17	11/7/2023 14:27	10	0
1020565	11/7/2023 14:17	11/7/2023 14:28	11	0
1019446	11/7/2023 14:17	11/7/2023 18:50	273	0.03
328113	11/7/2023 14:17	11/7/2023 19:01	284	0
587455	11/7/2023 14:17	11/7/2023 14:33	16	0
353728	11/7/2023 14:19	11/7/2023 14:40	21	0
740241	11/7/2023 14:20	11/7/2023 14:36	16	0
854579	11/7/2023 14:22	11/7/2023 15:19	57	0
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119833	11/7/2023 14:24	11/7/2023 14:40	16	0
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325050	11/7/2023 14:24	11/7/2023 14:56	32	0
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1332906	11/7/2023 14:24	11/7/2023 14:40	16	0
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23566	11/7/2023 14:27	11/7/2023 14:43	16	0
353651	11/7/2023 14:27	11/7/2023 14:47	20	0
25066	11/7/2023 14:27	11/7/2023 14:43	16	0
564518	11/7/2023 14:27	11/7/2023 14:43	16	0

1093833	11/7/2023 14:28	11/7/2023 14:38	10	0
1020565	11/7/2023 14:28	11/7/2023 14:44	16	0
23462	11/7/2023 14:28	11/7/2023 14:43	15	0
1400258	11/7/2023 14:28	11/7/2023 14:45	17	0
1670039	11/7/2023 14:29	11/7/2023 14:39	10	0
416557	11/7/2023 14:29	11/7/2023 14:45	16	0
26864	11/7/2023 14:30	11/7/2023 14:46	16	0
588892	11/7/2023 14:31	11/7/2023 14:47	16	0
1027973	11/7/2023 14:31	11/7/2023 14:47	16	0
596091	11/7/2023 14:32	11/7/2023 14:48	16	0
1538577	11/7/2023 14:32	11/7/2023 19:05	273	0
1576533	11/7/2023 14:32	11/7/2023 14:58	26	0
1525793	11/7/2023 14:32	11/7/2023 16:01	89	0
353371	11/7/2023 14:32	11/7/2023 14:48	16	0
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572916	11/7/2023 14:33	11/7/2023 18:55	262	0
449036	11/7/2023 14:33	11/7/2023 14:49	16	0
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572882	11/7/2023 14:34	11/7/2023 19:02	268	0
860281	11/7/2023 14:34	11/7/2023 18:57	263	0
859747	11/7/2023 14:35	11/7/2023 19:08	273	0
7879030	11/7/2023 14:35	11/7/2023 14:51	16	0
511223	11/7/2023 14:36	11/7/2023 19:00	264	0
510307	11/7/2023 14:36	11/7/2023 18:57	261	0
507365	11/7/2023 14:36	11/7/2023 19:03	267	0
740241	11/7/2023 14:36	11/7/2023 18:52	256	0
506261	11/7/2023 14:36	11/7/2023 19:02	266	0
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878149	11/7/2023 14:37	11/7/2023 19:05	268	0
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523489	11/7/2023 19:07	11/8/2023 9:00	832.8	0
8495802	11/7/2023 19:07	11/8/2023 9:00	832	0
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381982	11/7/2023 19:07	11/8/2023 9:00	832	0
1466445	11/7/2023 19:07	11/8/2023 7:58	771	0
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495032	11/7/2023 19:10	11/8/2023 9:00	829	0
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24124	11/7/2023 19:11	11/8/2023 9:00	828	0
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601397	11/7/2023 19:11	11/8/2023 9:00	828	0
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1494722	11/7/2023 19:11	11/8/2023 9:00	828	0
317084	11/7/2023 19:11	11/8/2023 9:00	828.8	0

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8621797	11/7/2023 19:11	11/8/2023 9:00	828	0
7902724	11/7/2023 19:11	11/8/2023 8:33	802	0
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313269	11/7/2023 19:11	11/8/2023 9:00	828	0
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237946	11/7/2023 19:12	11/8/2023 9:00	827.8	0
346967	11/7/2023 19:12	11/8/2023 9:00	827.8	0
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316997	11/7/2023 19:12	11/8/2023 9:00	827	0
197629	11/7/2023 19:13	11/8/2023 9:00	826	0
315509	11/7/2023 19:13	11/8/2023 9:00	826	0
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350753	11/7/2023 19:17	11/8/2023 9:00	822	0
10714479	11/7/2023 19:17	11/8/2023 9:00	822	0
328570	11/7/2023 19:27	11/8/2023 9:00	812	0
194491	11/7/2023 19:32	11/8/2023 9:00	807	0
1301093	11/7/2023 19:48	11/8/2023 9:00	791	0
304295	11/7/2023 19:48	11/8/2023 9:00	791	0
280780	11/7/2023 19:50	11/8/2023 9:00	789	0
449377	11/7/2023 19:53	11/8/2023 1:24	331	0
303510	11/7/2023 20:02	11/8/2023 9:00	777	0
195187	11/7/2023 20:30	11/8/2023 9:00	749.8	0
1247921	11/7/2023 22:45	11/8/2023 9:00	614	0
1573666	11/8/2023 0:28	11/8/2023 9:00	511	0
7533405	11/8/2023 0:49	11/8/2023 9:00	490	0
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8910809	11/8/2023 1:04	11/8/2023 9:00	475	0
449377	11/8/2023 1:24	11/8/2023 9:00	455	0
1433348	11/8/2023 7:54	11/8/2023 9:00	65	0

1353282	11/8/2023 7:56	11/8/2023 9:00	63	0
1349626	11/8/2023 7:56	11/8/2023 9:00	63	0
1466445	11/8/2023 7:58	11/8/2023 9:00	61.4	0
1432940	11/8/2023 7:58	11/8/2023 9:00	61	0
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1351983	11/8/2023 8:00	11/8/2023 9:00	60	0
1353998	11/8/2023 8:00	11/8/2023 9:00	59	0
324290	11/8/2023 8:07	11/8/2023 9:00	52	0
1444809	11/8/2023 8:10	11/8/2023 9:00	49	0
1445317	11/8/2023 8:13	11/8/2023 9:00	46	0
51483	11/8/2023 8:18	11/8/2023 9:00	41	0
308959	11/8/2023 8:19	11/8/2023 9:00	40.8	0
1511735	11/8/2023 8:19	11/8/2023 9:00	40	0
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8950281	11/8/2023 8:20	11/8/2023 9:00	39	0
309961	11/8/2023 8:20	11/8/2023 9:00	39	0
7902724	11/8/2023 8:33	11/8/2023 8:50	17	0
740241	11/8/2023 8:36	11/8/2023 9:00	23	0
1517059	11/8/2023 8:40	11/8/2023 8:56	16	0
658837	11/8/2023 8:41	11/8/2023 9:00	18	0.02
1516739	11/8/2023 8:41	11/8/2023 8:57	16	0
1493132	11/8/2023 8:47	11/8/2023 9:00	12	0
314188	11/8/2023 8:50	11/8/2023 9:00	9.8	0
315730	11/8/2023 8:50	11/8/2023 9:00	9	0
7902724	11/8/2023 8:50	11/8/2023 9:00	9	0
315169	11/8/2023 8:52	11/8/2023 9:00	7.8	0
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1516739	11/8/2023 8:57	11/8/2023 9:00	2	0
7902724	11/8/2023 9:00	11/8/2023 10:03	63	0
264186	11/8/2023 9:00	11/9/2023 9:00	1439	0
561773	11/8/2023 9:00	11/9/2023 9:00	1439	0
280780	11/8/2023 9:00	11/9/2023 9:00	1439	0
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1247921	11/8/2023 9:00	11/8/2023 10:13	73	0
8950281	11/8/2023 9:00	11/8/2023 19:16	616	0
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51483	11/8/2023 9:00	11/8/2023 19:14	614	0
1556486	11/8/2023 9:06	11/8/2023 11:48	162	0
308959	11/8/2023 9:07	11/8/2023 19:15	608	0
1516739	11/8/2023 9:07	11/8/2023 11:40	153	0
309961	11/8/2023 9:07	11/8/2023 19:16	609	0
1556565	11/8/2023 9:08	11/8/2023 11:50	162	0
740241	11/8/2023 9:08	11/8/2023 11:36	148	0
324290	11/8/2023 9:09	11/8/2023 11:57	168	0
25674	11/8/2023 9:11	11/8/2023 19:15	604	0
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1393699	11/8/2023 9:13	11/8/2023 14:17	304	0
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315169	11/8/2023 9:19	11/8/2023 10:06	47	0
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314188	11/8/2023 9:22	11/8/2023 10:04	42	0
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860281	11/8/2023 9:24	11/8/2023 11:40	136	0
314899	11/8/2023 9:24	11/8/2023 19:12	588	0
859747	11/8/2023 9:25	11/8/2023 11:41	136	0
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8104722	11/8/2023 9:28	11/8/2023 19:16	588	0
1433697	11/8/2023 9:29	11/8/2023 16:17	408	0
523489	11/8/2023 9:29	11/8/2023 19:12	583	0
1565203	11/8/2023 9:29	11/8/2023 10:47	78	0
1671958	11/8/2023 9:33	11/8/2023 11:35	122	0
1624452	11/8/2023 9:36	11/8/2023 14:20	284	0
854579	11/8/2023 9:37	11/8/2023 14:10	273	0
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315088	11/8/2023 9:40	11/8/2023 19:12	572	0
317233	11/8/2023 9:42	11/8/2023 19:05	563	0.33
1553065	11/8/2023 9:43	11/8/2023 19:09	566	0
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328570	11/8/2023 9:49	11/8/2023 11:34	105	0
309233	11/8/2023 9:49	11/8/2023 19:10	561	0
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495611	11/8/2023 9:50	11/8/2023 19:12	562	0
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627018	11/8/2023 9:53	11/8/2023 10:10	17	0

1321605	11/8/2023 9:53	11/8/2023 14:21	268	0
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1390184	11/8/2023 9:53	11/8/2023 19:15	562	0
561672	11/8/2023 9:53	11/8/2023 14:31	278	0
1537547	11/8/2023 9:54	11/8/2023 10:36	42	0
814970	11/8/2023 9:54	11/8/2023 14:08	254	0
624953	11/8/2023 9:54	11/8/2023 10:10	16	0
1310926	11/8/2023 9:54	11/8/2023 19:11	557	0
1537989	11/8/2023 9:54	11/8/2023 10:36	42	0
495335	11/8/2023 9:54	11/8/2023 19:14	560	0
1511251	11/8/2023 9:55	11/8/2023 19:11	556	0
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1320008	11/8/2023 9:55	11/8/2023 14:22	267	0
624628	11/8/2023 9:55	11/8/2023 10:11	16	0
627289	11/8/2023 9:55	11/8/2023 10:11	16	0
498070	11/8/2023 9:55	11/8/2023 19:11	556	0
1538299	11/8/2023 9:55	11/8/2023 19:12	557	0.07
793638	11/8/2023 9:55	11/8/2023 14:44	289	0
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1554677	11/8/2023 9:57	11/8/2023 19:12	555	0
1511264	11/8/2023 9:57	11/8/2023 19:13	556	0.04
6995795	11/8/2023 9:58	11/8/2023 19:49	591	0
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1406535	11/8/2023 9:59	11/8/2023 16:33	394	0
664453	11/8/2023 9:59	11/8/2023 19:10	551	0.19
7879030	11/8/2023 10:00	11/8/2023 19:07	547	0
380057	11/8/2023 10:00	11/8/2023 19:14	554	0
1405290	11/8/2023 10:00	11/8/2023 16:35	395	0.06
8910809	11/8/2023 10:00	11/8/2023 19:13	553	0
25066	11/8/2023 10:00	11/8/2023 10:31	31	0
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469018	11/8/2023 10:01	11/8/2023 10:17	16	0
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353651	11/8/2023 10:01	11/8/2023 10:31	30	0
353728	11/8/2023 10:01	11/8/2023 11:56	115	0
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315730	11/8/2023 10:03	11/8/2023 14:20	257	0
314188	11/8/2023 10:04	11/8/2023 14:21	257	0
1020565	11/8/2023 10:04	11/8/2023 10:36	32	0
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313269	11/8/2023 10:09	11/8/2023 19:15	546	0
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645339	11/8/2023 10:09	11/8/2023 19:10	541	0
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8148103	11/8/2023 10:10	11/8/2023 19:16	546	0
627018	11/8/2023 10:10	11/8/2023 19:05	535	0
506261	11/8/2023 10:10	11/8/2023 14:32	262	0.03
1551148	11/8/2023 10:10	11/8/2023 19:11	541	0
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1549376	11/8/2023 10:11	11/8/2023 19:12	541	0
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11009258	11/8/2023 10:27	11/8/2023 19:17	530	0
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1537547	11/8/2023 10:36	11/8/2023 11:08	32	0
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1537992	11/8/2023 10:36	11/8/2023 11:07	31	0

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65553	11/8/2023 10:37	11/9/2023 9:00	1342	0
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793690	11/8/2023 10:39	11/8/2023 19:08	509	0
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23566	11/8/2023 10:45	11/8/2023 19:14	509	0
353651	11/8/2023 10:46	11/8/2023 19:11	505	0
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378229	11/8/2023 10:56	11/8/2023 19:12	496	0
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324045	11/8/2023 10:57	11/8/2023 11:54	57	0
1093833	11/8/2023 10:57	11/8/2023 14:11	194	0
658177	11/8/2023 10:58	11/8/2023 19:01	483	0

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1301093	11/8/2023 11:02	11/8/2023 11:44	42	0
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70866	11/8/2023 11:05	11/9/2023 9:00	1314.8	0
428372	11/8/2023 11:05	11/8/2023 11:36	31	0
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1537541	11/8/2023 11:06	11/8/2023 19:16	490	0
1320646	11/8/2023 11:06	11/8/2023 14:20	194	0
1537447	11/8/2023 11:06	11/8/2023 19:15	489	0
624901	11/8/2023 11:07	11/8/2023 19:10	483	0
455994	11/8/2023 11:07	11/8/2023 11:49	42	0
325050	11/8/2023 11:07	11/8/2023 11:54	47	0
926657	11/8/2023 11:07	11/8/2023 19:05	478	0
1537992	11/8/2023 11:07	11/8/2023 19:10	483	0
1421188	11/8/2023 11:07	11/8/2023 11:52	45	0
878149	11/8/2023 11:07	11/8/2023 11:38	31	0
1537989	11/8/2023 11:07	11/8/2023 19:10	483	0
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9993140	11/8/2023 11:08	11/8/2023 19:11	483	0
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6503956	11/8/2023 11:09	11/8/2023 18:57	468	0
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1681747	11/8/2023 11:12	11/8/2023 19:17	485	0
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315604	11/8/2023 11:12	11/9/2023 9:00	1307	0
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8387677	11/8/2023 11:13	11/8/2023 19:16	483	0

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1526024	11/8/2023 11:18	11/8/2023 14:17	179	0
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1573666	11/8/2023 11:19	11/8/2023 19:15	476	0
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985241	11/8/2023 11:21	11/8/2023 18:48	447	0
560127	11/8/2023 11:22	11/9/2023 9:00	1297	0.02
572916	11/8/2023 11:22	11/8/2023 11:38	16	0
1446785	11/8/2023 11:22	11/8/2023 19:11	469	0.03
1635984	11/8/2023 11:23	11/9/2023 9:00	1296	0
572882	11/8/2023 11:23	11/8/2023 11:39	16	0
23462	11/8/2023 11:23	11/8/2023 14:44	201	0
1092960	11/8/2023 11:25	11/8/2023 19:06	461	0
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259674	11/8/2023 11:30	11/8/2023 11:45	15	0
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262048	11/8/2023 11:33	11/8/2023 11:48	15	0.44
1595324	11/8/2023 11:33	11/8/2023 11:48	15	0
7937779	11/8/2023 11:34	11/9/2023 9:00	1285	0
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740241	11/8/2023 11:36	11/8/2023 11:52	16	0
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415949	11/8/2023 11:36	11/8/2023 11:46	10	0
416557	11/8/2023 11:36	11/8/2023 18:56	440	0
449036	11/8/2023 11:38	11/8/2023 14:21	163	0.08
878149	11/8/2023 11:38	11/8/2023 14:52	194	0
572916	11/8/2023 11:38	11/8/2023 11:54	16	0
1517059	11/8/2023 11:39	11/8/2023 11:55	16	0
572882	11/8/2023 11:39	11/8/2023 11:55	16	0
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1670039	11/8/2023 11:41	11/8/2023 12:44	63	0
859747	11/8/2023 11:41	11/8/2023 12:07	26	0
569420	11/8/2023 11:42	11/8/2023 12:44	62	0

8621797	11/8/2023 11:43	11/8/2023 13:28	105	0
1377844	11/8/2023 11:43	11/8/2023 11:54	11	0
1700586	11/8/2023 11:44	11/8/2023 14:26	162	0
1301093	11/8/2023 11:44	11/8/2023 14:27	163	0
7533405	11/8/2023 11:45	11/8/2023 13:46	121	0
259674	11/8/2023 11:45	11/8/2023 12:17	32	0
571420	11/8/2023 11:45	11/8/2023 12:43	58	0
304845	11/8/2023 11:46	11/8/2023 13:31	105	0
415949	11/8/2023 11:46	11/8/2023 12:34	48	0
428372	11/8/2023 11:47	11/8/2023 12:02	15	0
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304295	11/8/2023 11:48	11/8/2023 13:37	109	0
262048	11/8/2023 11:48	11/8/2023 12:15	27	0.02
1556486	11/8/2023 11:48	11/8/2023 12:51	63	0
1595324	11/8/2023 11:48	11/8/2023 12:36	48	0
456099	11/8/2023 11:49	11/8/2023 19:15	446	0
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1556565	11/8/2023 11:50	11/8/2023 12:54	64	0
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1557100	11/8/2023 11:51	11/8/2023 12:48	57	0
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1378141	11/8/2023 11:52	11/8/2023 11:57	5	0
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325050	11/8/2023 11:54	11/8/2023 12:26	32	0
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572882	11/8/2023 11:55	11/8/2023 12:05	10	0
1517059	11/8/2023 11:55	11/8/2023 13:13	78	0
916441	11/8/2023 11:56	11/8/2023 12:07	11	0
353728	11/8/2023 11:56	11/8/2023 19:17	441	0
1451744	11/8/2023 11:56	11/8/2023 13:25	89	0
1516739	11/8/2023 11:56	11/8/2023 13:09	73	0
1377303	11/8/2023 11:57	11/8/2023 19:10	433	0
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549596	11/8/2023 11:57	11/8/2023 12:13	16	0
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1463520	11/8/2023 11:58	11/8/2023 13:29	91	0
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572882	11/8/2023 12:05	11/8/2023 14:38	153	0
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859747	11/8/2023 12:07	11/8/2023 13:10	63	0
916441	11/8/2023 12:07	11/8/2023 14:39	152	0
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549596	11/8/2023 12:13	11/8/2023 14:14	121	0
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325050	11/8/2023 12:26	11/8/2023 12:57	31	0
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324045	11/8/2023 12:52	11/8/2023 15:24	152	0
324290	11/8/2023 12:54	11/8/2023 16:09	195	0
1556565	11/8/2023 12:54	11/9/2023 9:00	1205	0
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860281	11/8/2023 13:09	11/8/2023 13:36	27	0

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1664433	11/8/2023 13:56	11/8/2023 14:22	26	0
1451744	11/8/2023 13:56	11/8/2023 14:13	17	0.01
1452193	11/8/2023 13:58	11/8/2023 14:14	16	0
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814970	11/8/2023 14:08	11/8/2023 16:09	121	0
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1093833	11/8/2023 14:11	11/8/2023 14:42	31	0
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1451744	11/8/2023 14:13	11/8/2023 14:28	15	0.03
549596	11/8/2023 14:14	11/8/2023 14:29	15	0
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455994	11/8/2023 14:22	11/8/2023 14:37	15	0
865262	11/8/2023 14:22	11/8/2023 14:37	15	0
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1466445	11/8/2023 14:26	11/8/2023 14:42	16	0
1700586	11/8/2023 14:26	11/8/2023 14:42	16	0
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1301093	11/8/2023 14:27	11/8/2023 14:43	16	0

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1321605	11/8/2023 14:36	11/8/2023 18:59	263	0
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449036	11/8/2023 14:36	11/8/2023 19:09	273	0
455994	11/8/2023 14:37	11/8/2023 14:53	16	0
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572916	11/8/2023 14:37	11/8/2023 19:04	267	0

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861053	11/8/2023 14:39	11/8/2023 19:07	268	0
854585	11/8/2023 14:39	11/8/2023 14:50	11	0
860934	11/8/2023 14:39	11/8/2023 19:07	268	0
800588	11/8/2023 14:39	11/8/2023 19:03	264	0
1451744	11/8/2023 14:39	11/8/2023 19:09	270	0
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312766	11/8/2023 14:39	11/8/2023 16:13	94	0
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914462	11/8/2023 14:41	11/8/2023 19:03	262	0
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1700586	11/8/2023 14:42	11/8/2023 19:10	268	0
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1301093	11/8/2023 14:43	11/8/2023 19:11	268	0
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8734029	11/8/2023 14:45	11/8/2023 19:13	268	0
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511223	11/8/2023 14:46	11/8/2023 19:08	262	0
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7902724	11/8/2023 16:20	11/8/2023 16:37	17	0
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859747	11/8/2023 16:24	11/8/2023 19:12	168	0
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1433697	11/8/2023 18:17	11/8/2023 18:29	12	0
1433697	11/8/2023 18:29	11/9/2023 8:26	837	0
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8766703	11/8/2023 18:43	11/9/2023 9:00	856	0
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1434359	11/8/2023 18:48	11/9/2023 9:00	851	0
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450309	11/8/2023 18:51	11/9/2023 9:00	848	0
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6503956	11/8/2023 18:57	11/9/2023 9:00	842	0
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1321605	11/8/2023 18:59	11/9/2023 9:00	840	0
158427	11/8/2023 19:00	11/9/2023 9:00	839.72	0
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934496	11/8/2023 19:01	11/9/2023 9:00	838	0

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1361770	11/8/2023 19:04	11/9/2023 9:00	836	0
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889523	11/8/2023 19:08	11/9/2023 9:00	831	0
658642	11/8/2023 19:08	11/9/2023 9:00	831	0
793690	11/8/2023 19:08	11/9/2023 9:00	831	0
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878149	11/8/2023 19:09	11/9/2023 9:00	830	0
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11081905	11/8/2023 19:09	11/9/2023 9:00	831	0
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1307071	11/8/2023 19:10	11/9/2023 9:00	829	0
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1443586	11/8/2023 19:14	11/9/2023 9:00	825	0
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1406535	11/8/2023 19:16	11/9/2023 9:00	823	0
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561773	11/9/2023 9:00	11/10/2023 9:00	1439	0
1358945	11/9/2023 9:01	11/10/2023 0:28	927	0
817260	11/9/2023 9:05	11/10/2023 0:28	923	0
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1251782	11/9/2023 9:08	11/10/2023 0:28	920	0
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315730	11/9/2023 9:35	11/9/2023 10:02	27	0
7902724	11/9/2023 9:35	11/9/2023 10:02	27	0
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314188	11/9/2023 9:37	11/9/2023 10:03	26	0
8104722	11/9/2023 9:38	11/10/2023 0:28	890	0
314899	11/9/2023 9:38	11/9/2023 19:05	567	0
315169	11/9/2023 9:38	11/9/2023 10:05	27	0
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8511623	11/9/2023 9:40	11/10/2023 0:28	888	0
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1407881	11/9/2023 9:41	11/10/2023 0:28	887	0
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495611	11/9/2023 9:49	11/9/2023 19:00	551	0
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1390184	11/9/2023 9:51	11/9/2023 19:06	555	0
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190372	11/9/2023 10:16	11/9/2023 19:11	535	0
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6714863	11/9/2023 10:26	11/10/2023 0:28	842	0.12
1407628	11/9/2023 10:26	11/9/2023 15:43	317	0
23462	11/9/2023 10:28	11/9/2023 10:44	16	0
1433697	11/9/2023 10:29	11/9/2023 11:16	47	0
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740241	11/9/2023 10:33	11/9/2023 10:50	17	0
56167	11/9/2023 10:33	11/10/2023 0:28	835	0
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23462	11/9/2023 10:44	11/9/2023 10:59	15	0
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197356	11/9/2023 10:52	11/10/2023 0:28	816	0
195216	11/9/2023 10:52	11/9/2023 19:04	492	0
1320646	11/9/2023 10:53	11/9/2023 11:41	48	0
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198082	11/9/2023 10:54	11/9/2023 11:10	16	0
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1511816	11/9/2023 10:55	11/9/2023 11:53	58	0
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1494722	11/9/2023 10:56	11/9/2023 11:43	47	0
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1453263	11/9/2023 10:56	11/9/2023 18:59	483	0
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658177	11/9/2023 10:57	11/9/2023 18:49	472	0
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317126	11/9/2023 10:58	11/10/2023 0:28	810	0
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1393699	11/9/2023 10:59	11/9/2023 11:41	42	0
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1301093	11/9/2023 11:01	11/10/2023 0:28	807	0
8495802	11/9/2023 11:01	11/10/2023 0:28	807	1.03
353728	11/9/2023 11:02	11/9/2023 11:28	26	0
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495705	11/9/2023 11:05	11/10/2023 0:28	803	0.03
499998	11/9/2023 11:05	11/9/2023 19:06	481	0.33
561757	11/9/2023 11:05	11/9/2023 11:52	47	0
494873	11/9/2023 11:05	11/10/2023 0:28	803	0
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267537	11/9/2023 11:06	11/9/2023 19:11	485	0
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9063373	11/9/2023 11:06	11/10/2023 0:28	802	0
1546695	11/9/2023 11:06	11/9/2023 11:53	47	0

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771990	11/9/2023 11:07	11/10/2023 0:28	801	0
265864	11/9/2023 11:07	11/10/2023 0:28	801	0
519373	11/9/2023 11:07	11/9/2023 19:10	483	0
1465703	11/9/2023 11:07	11/9/2023 19:12	485	0
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198082	11/9/2023 11:10	11/9/2023 14:40	210	0
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587455	11/9/2023 11:16	11/10/2023 0:28	792	0
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328113	11/9/2023 11:16	11/9/2023 19:00	464	0
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1526024	11/9/2023 11:17	11/9/2023 19:07	470	0
1527339	11/9/2023 11:17	11/10/2023 0:28	791	0.09
55096	11/9/2023 11:17	11/9/2023 19:08	471	0
328570	11/9/2023 11:17	11/10/2023 9:00	1302	0
481010	11/9/2023 11:18	11/9/2023 14:54	216	0
325050	11/9/2023 11:20	11/9/2023 14:55	215	0
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480889	11/9/2023 11:22	11/9/2023 14:53	211	0
479380	11/9/2023 11:22	11/9/2023 14:51	209	0
800590	11/9/2023 11:23	11/9/2023 18:56	453	0

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1321750	11/9/2023 11:37	11/9/2023 19:00	443	0.29
517078	11/9/2023 11:38	11/9/2023 11:54	16	0
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1547692	11/9/2023 14:37	11/9/2023 19:10	273	0

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1494722	11/9/2023 14:42	11/9/2023 19:12	270	0
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35442	11/9/2023 14:43	11/10/2023 0:37	594	0
25066	11/9/2023 14:43	11/9/2023 19:06	263	0
26864	11/9/2023 14:44	11/9/2023 19:06	262	0
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325050	11/9/2023 16:08	11/10/2023 0:28	500	0
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740241	11/10/2023 0:28	11/10/2023 8:36	488	0
1301093	11/10/2023 0:28	11/10/2023 9:00	511	0
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8590289	11/10/2023 0:28	11/10/2023 9:00	511	0
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315346	11/10/2023 0:28	11/10/2023 9:00	511	0
587455	11/10/2023 0:28	11/10/2023 9:00	511	0
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814970	11/10/2023 0:28	11/10/2023 9:00	511	0
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188639	11/10/2023 8:56	11/10/2023 9:00	3	0
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8950281	11/10/2023 9:44	11/10/2023 14:17	273	0
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454861	11/10/2023 9:47	11/10/2023 19:02	555	0
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1309098	11/10/2023 10:06	11/10/2023 18:55	529	0
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315088	11/10/2023 10:08	11/10/2023 18:58	530	0
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1700586	11/10/2023 10:13	11/10/2023 18:58	525	0
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29635	11/10/2023 10:13	11/10/2023 14:26	253	0
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189581	11/10/2023 10:25	11/10/2023 14:27	242	0
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313269	11/10/2023 10:26	11/10/2023 19:11	525	0
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353371	11/10/2023 19:06	11/11/2023 9:00	833.8	0
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317084	11/10/2023 19:09	11/11/2023 9:00	830.8	0
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817260	11/11/2023 0:28	11/11/2023 9:00	511	0
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276488	11/11/2023 10:19	11/11/2023 18:53	514	0
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517504	11/11/2023 11:54	11/11/2023 12:10	16	0
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1019446	11/11/2023 13:01	11/11/2023 13:44	43	0
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792446	11/11/2023 13:21	11/12/2023 9:00	1178	0
325050	11/11/2023 13:21	11/11/2023 14:08	47	0
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814970	11/11/2023 14:06	11/11/2023 15:19	73	0
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1517059	11/12/2023 0:28	11/12/2023 9:00	511	0
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1432940	11/12/2023 9:09	11/12/2023 19:00	591	0
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1390184	11/12/2023 9:48	11/12/2023 19:05	557	0.08
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645339	11/12/2023 10:05	11/12/2023 19:00	535	0
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1463520	11/12/2023 10:08	11/12/2023 18:57	529	0
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1538194	11/12/2023 10:48	11/12/2023 19:07	499	0
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1415828	11/12/2023 10:49	11/12/2023 18:56	487	0
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219948	11/12/2023 10:50	11/12/2023 18:52	482	0
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1538195	11/12/2023 10:52	11/12/2023 19:00	488	0
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1407628	11/12/2023 11:12	11/12/2023 18:44	452	0
1393633	11/12/2023 11:13	11/12/2023 18:55	462	0
1407599	11/12/2023 11:14	11/12/2023 18:55	461	0
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315730	11/12/2023 11:18	11/12/2023 19:05	467	0
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323747	11/12/2023 11:34	11/12/2023 12:06	32	0.02
449036	11/12/2023 11:34	11/12/2023 14:48	194	0.03
325050	11/12/2023 11:34	11/12/2023 12:06	32	0
324045	11/12/2023 11:35	11/12/2023 12:07	32	0
323657	11/12/2023 11:35	11/12/2023 12:07	32	0
1704232	11/12/2023 11:36	11/13/2023 0:28	772	0
204963	11/12/2023 11:36	11/13/2023 9:00	1283.8	0
740241	11/12/2023 11:37	11/12/2023 11:52	15	0
324249	11/12/2023 11:38	11/12/2023 12:07	29	0.15
1511816	11/12/2023 11:38	11/12/2023 18:53	435	0
324290	11/12/2023 11:39	11/12/2023 12:05	26	0
315345	11/12/2023 11:39	11/12/2023 14:53	194	0
317797	11/12/2023 11:39	11/12/2023 14:54	195	0
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314899	11/12/2023 11:40	11/13/2023 9:00	1279	0
316997	11/12/2023 11:40	11/12/2023 19:06	446	0
317233	11/12/2023 11:41	11/12/2023 14:55	194	0.02
315346	11/12/2023 11:41	11/12/2023 14:56	195	0
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315306	11/12/2023 11:42	11/12/2023 19:08	446	0
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455994	11/12/2023 11:52	11/12/2023 12:02	10	0
456099	11/12/2023 11:52	11/12/2023 12:02	10	0
740241	11/12/2023 11:52	11/12/2023 12:04	12	0
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456099	11/12/2023 12:02	11/12/2023 14:22	140	0

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740241	11/12/2023 12:04	11/12/2023 13:06	62	0
324290	11/12/2023 12:05	11/12/2023 16:02	237	0
323747	11/12/2023 12:06	11/12/2023 16:02	236	0.01
325050	11/12/2023 12:06	11/12/2023 14:22	136	0
323657	11/12/2023 12:07	11/12/2023 16:02	235	0
324249	11/12/2023 12:07	11/12/2023 15:59	232	0.06
324045	11/12/2023 12:07	11/12/2023 14:23	136	0
1527339	11/12/2023 12:13	11/12/2023 19:03	410	0
1526024	11/12/2023 12:13	11/12/2023 19:01	408	0
1375227	11/12/2023 12:14	11/12/2023 14:15	121	0
521802	11/12/2023 12:16	11/12/2023 13:04	48	0
70866	11/12/2023 12:17	11/13/2023 9:00	1242.8	0
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237946	11/12/2023 12:44	11/12/2023 19:09	385	0
449377	11/12/2023 12:49	11/12/2023 12:54	5	0
449377	11/12/2023 12:54	11/12/2023 13:19	25	0
588892	11/12/2023 12:59	11/12/2023 14:45	106	0
1624452	11/12/2023 13:01	11/12/2023 13:59	58	0
348328	11/12/2023 13:02	11/13/2023 9:00	1197	0
561757	11/12/2023 13:03	11/13/2023 9:00	1196	0
521802	11/12/2023 13:04	11/12/2023 14:33	89	0
814970	11/12/2023 13:04	11/12/2023 14:50	106	0
39139	11/12/2023 13:05	11/12/2023 15:06	121	0
740241	11/12/2023 13:06	11/12/2023 13:22	16	0
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23566	11/12/2023 13:14	11/13/2023 9:00	1185	0
449377	11/12/2023 13:19	11/12/2023 16:29	190	0
916441	11/12/2023 13:21	11/13/2023 9:00	1178	0
740241	11/12/2023 13:22	11/12/2023 14:19	57	0
1518000	11/12/2023 13:40	11/13/2023 9:00	1159	0
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328113	11/12/2023 13:43	11/12/2023 14:15	32	0
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239705	11/12/2023 13:47	11/12/2023 13:53	6	0
239705	11/12/2023 13:53	11/12/2023 20:15	382	0
1624452	11/12/2023 13:59	11/12/2023 18:58	299	0
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1405290	11/12/2023 14:01	11/12/2023 19:06	305	0
1554677	11/12/2023 14:05	11/12/2023 15:09	64	0
1551510	11/12/2023 14:05	11/12/2023 14:24	19	0
1516739	11/12/2023 14:06	11/12/2023 14:23	17	0

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1546695	11/12/2023 14:08	11/12/2023 14:25	17	0
8502011	11/12/2023 14:08	11/13/2023 0:28	620	0
1555268	11/12/2023 14:08	11/12/2023 14:24	16	0
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1555376	11/12/2023 14:10	11/12/2023 15:08	58	0
1517059	11/12/2023 14:10	11/12/2023 14:21	11	0
328113	11/12/2023 14:15	11/12/2023 14:46	31	0
7937779	11/12/2023 14:15	11/12/2023 18:58	283	0
1375227	11/12/2023 14:15	11/12/2023 14:31	16	0
274125	11/12/2023 14:17	11/12/2023 14:41	24	0
1550318	11/12/2023 14:18	11/12/2023 14:34	16	0
740241	11/12/2023 14:19	11/12/2023 14:36	17	0
455994	11/12/2023 14:19	11/12/2023 14:35	16	0
308032	11/12/2023 14:19	11/12/2023 19:08	289	0
275018	11/12/2023 14:19	11/12/2023 14:35	16	0
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817260	11/12/2023 18:59	11/13/2023 9:00	840	0
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315169	11/12/2023 19:02	11/13/2023 9:00	837.8	0
1307575	11/12/2023 19:02	11/13/2023 9:00	838	0
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324249	11/12/2023 19:03	11/13/2023 9:00	836	0
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274125	11/12/2023 19:04	11/13/2023 9:00	835	0
455345	11/12/2023 19:04	11/13/2023 9:00	835	0
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852125	11/12/2023 19:04	11/13/2023 9:00	835.42	0
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315346	11/13/2023 9:44	11/13/2023 14:16	272	0
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25674	11/13/2023 9:47	11/13/2023 11:32	105	0
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1552154	11/13/2023 10:02	11/14/2023 0:28	866	0
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1511735	11/13/2023 10:08	11/13/2023 14:25	257	0.02
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1672454	11/13/2023 10:11	11/13/2023 18:55	524	0
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496500	11/13/2023 10:22	11/13/2023 18:55	513	0
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325050	11/13/2023 10:26	11/13/2023 10:42	16	0
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4173986	11/13/2023 10:38	11/13/2023 11:41	63	0
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449036	11/13/2023 10:38	11/13/2023 12:17	99	0.41

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1378273	11/13/2023 11:08	11/14/2023 0:28	800	0
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499998	11/13/2023 11:13	11/14/2023 0:28	795	0.73
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494772	11/13/2023 11:14	11/13/2023 19:01	467	0
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1683861	11/13/2023 11:15	11/13/2023 19:01	466	0
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1433697	11/13/2023 11:29	11/13/2023 11:58	29	0
8590289	11/13/2023 11:29	11/13/2023 14:31	182	0

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25674	11/13/2023 11:32	11/13/2023 12:20	48	0
34833	11/13/2023 11:32	11/13/2023 14:40	188	0
188639	11/13/2023 11:32	11/13/2023 12:22	50	0.38
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1282057	11/13/2023 11:36	11/13/2023 11:51	15	0
328113	11/13/2023 11:36	11/13/2023 14:39	183	0
1356810	11/13/2023 11:37	11/13/2023 12:09	32	0
99902	11/13/2023 11:37	11/13/2023 11:58	21	0
1406535	11/13/2023 11:37	11/13/2023 13:49	132	0.01
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276488	11/13/2023 11:37	11/13/2023 11:53	16	0
1405290	11/13/2023 11:38	11/13/2023 13:53	135	0.05
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587455	11/13/2023 11:40	11/13/2023 18:54	434	0
279833	11/13/2023 11:40	11/13/2023 11:55	15	0
926638	11/13/2023 11:40	11/13/2023 12:01	21	0
274522	11/13/2023 11:41	11/13/2023 11:56	15	0.32
275495	11/13/2023 11:41	11/13/2023 11:57	16	0
4173986	11/13/2023 11:41	11/13/2023 11:52	11	0
1539391	11/13/2023 11:41	11/13/2023 13:58	137	0
70866	11/13/2023 11:42	11/14/2023 9:00	1277.8	0
23462	11/13/2023 11:42	11/13/2023 12:21	39	0
277301	11/13/2023 11:42	11/13/2023 11:57	15	0
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1356945	11/13/2023 11:49	11/13/2023 18:50	421	0
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4173986	11/13/2023 11:52	11/13/2023 12:07	15	0
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277301	11/13/2023 11:57	11/13/2023 12:08	11	0
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99902	11/13/2023 11:58	11/13/2023 12:15	17	0
119833	11/13/2023 11:58	11/13/2023 12:14	16	0
304785	11/13/2023 11:58	11/13/2023 12:35	37	0.09
100594	11/13/2023 12:00	11/13/2023 12:15	15	0
740241	11/13/2023 12:00	11/13/2023 12:10	10	0
1190246	11/13/2023 12:01	11/13/2023 14:18	137	0
926638	11/13/2023 12:01	11/13/2023 13:14	73	0
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8511623	11/13/2023 12:02	11/13/2023 12:34	32	0
237758	11/13/2023 12:03	11/14/2023 0:28	745	0
611761	11/13/2023 12:04	11/14/2023 9:00	1255	0
1310069	11/13/2023 12:06	11/13/2023 14:40	154	0
237946	11/13/2023 12:06	11/13/2023 19:58	472	0
275495	11/13/2023 12:07	11/13/2023 14:40	153	0
4173986	11/13/2023 12:07	11/13/2023 14:40	153	0
1020565	11/13/2023 12:07	11/13/2023 14:26	139	0
277301	11/13/2023 12:08	11/13/2023 14:40	152	0
276488	11/13/2023 12:08	11/13/2023 14:40	152	0
609757	11/13/2023 12:08	11/14/2023 9:00	1251	0
1019446	11/13/2023 12:08	11/13/2023 12:37	29	0
1356810	11/13/2023 12:09	11/13/2023 12:51	42	0
1360948	11/13/2023 12:09	11/13/2023 12:56	47	0
274125	11/13/2023 12:09	11/13/2023 14:40	151	0
1358893	11/13/2023 12:10	11/13/2023 12:57	47	0
1358945	11/13/2023 12:10	11/13/2023 12:53	43	0
1361543	11/13/2023 12:10	11/13/2023 12:52	42	0
740241	11/13/2023 12:10	11/13/2023 14:14	124	0
1358503	11/13/2023 12:11	11/13/2023 12:53	42	0
274522	11/13/2023 12:11	11/13/2023 14:40	149	0
279833	11/13/2023 12:11	11/14/2023 9:00	1248.8	0
119833	11/13/2023 12:14	11/13/2023 14:40	146	0
549617	11/13/2023 12:15	11/13/2023 14:40	145	0
99902	11/13/2023 12:15	11/13/2023 14:40	145	0
100594	11/13/2023 12:15	11/13/2023 14:40	145	0
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34832	11/13/2023 12:18	11/14/2023 0:30	732	0

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28509	11/13/2023 12:20	11/13/2023 18:56	396	0
189581	11/13/2023 12:20	11/13/2023 19:06	406	0
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25674	11/13/2023 12:20	11/13/2023 14:40	140	0
35442	11/13/2023 12:20	11/14/2023 0:28	728	0
30471	11/13/2023 12:20	11/13/2023 20:07	467	0
34905	11/13/2023 12:21	11/13/2023 19:02	401	0
23462	11/13/2023 12:21	11/13/2023 18:54	393	0
188639	11/13/2023 12:22	11/13/2023 14:40	138	0.01
1282057	11/13/2023 12:23	11/13/2023 18:59	396	0
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68308	11/13/2023 12:25	11/14/2023 9:00	1234	0
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914462	11/13/2023 12:27	11/14/2023 9:00	1232	0
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8511623	11/13/2023 12:34	11/13/2023 14:35	121	0
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7533405	11/13/2023 12:35	11/13/2023 14:30	115	0
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1019446	11/13/2023 12:37	11/13/2023 14:24	107	0
304295	11/13/2023 12:39	11/13/2023 13:53	74	0
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1356810	11/13/2023 12:51	11/13/2023 14:40	109	0
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1358945	11/13/2023 12:53	11/13/2023 14:10	77	0
1358503	11/13/2023 12:53	11/13/2023 14:10	77	0
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34887	11/13/2023 13:47	11/13/2023 19:03	316	0

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26921	11/13/2023 13:51	11/14/2023 0:28	637	0
304295	11/13/2023 13:53	11/13/2023 14:23	30	0
304845	11/13/2023 13:53	11/13/2023 19:03	310	0
34613	11/13/2023 13:53	11/14/2023 9:00	1146	0
1405290	11/13/2023 13:53	11/13/2023 14:08	15	0
304785	11/13/2023 13:53	11/13/2023 19:03	310	0
1539391	11/13/2023 13:58	11/13/2023 14:40	42	0
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860281	11/13/2023 14:14	11/13/2023 14:30	16	0
1431752	11/13/2023 14:14	11/13/2023 14:40	26	0
317233	11/13/2023 14:14	11/13/2023 14:32	18	0
740241	11/13/2023 14:14	11/13/2023 14:30	16	0
316997	11/13/2023 14:14	11/13/2023 14:40	26	0
8387677	11/13/2023 14:15	11/13/2023 14:40	25	0
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304295	11/13/2023 14:23	11/13/2023 14:39	16	0
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860281	11/13/2023 14:30	11/13/2023 14:45	15	0
507365	11/13/2023 14:30	11/13/2023 14:40	10	0
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740241	11/13/2023 14:30	11/13/2023 14:40	10	0
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7533405	11/13/2023 14:30	11/13/2023 14:35	5	0
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1514256	11/13/2023 14:32	11/13/2023 14:40	8	0
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1624452	11/13/2023 14:32	11/13/2023 14:38	6	0
315346	11/13/2023 14:32	11/13/2023 14:40	8	0
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1363588	11/13/2023 14:33	11/13/2023 14:40	7	0
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7533405	11/13/2023 14:35	11/13/2023 14:40	5	0

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378229	11/13/2023 14:35	11/13/2023 14:40	5	0
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816722	11/13/2023 14:38	11/13/2023 19:12	274	0
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317233	11/13/2023 14:40	11/13/2023 14:41	1	0.01
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1431752	11/13/2023 14:40	11/13/2023 14:41	1	0

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25674	11/13/2023 14:40	11/13/2023 14:41	1	0
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315345	11/13/2023 14:40	11/13/2023 14:41	1	0
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99902	11/13/2023 14:40	11/13/2023 14:41	1	0
8668965	11/13/2023 14:40	11/13/2023 14:41	1	0
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1511735	11/13/2023 14:40	11/13/2023 14:41	1	0.01
315346	11/13/2023 14:40	11/13/2023 14:41	1	0
378229	11/13/2023 14:40	11/13/2023 14:41	1	0
8387677	11/13/2023 14:40	11/13/2023 14:41	1	0
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304295	11/13/2023 14:40	11/13/2023 14:41	1	0
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1556602	11/13/2023 14:40	11/13/2023 14:41	1	0.02
7533405	11/13/2023 14:40	11/13/2023 14:41	1	0
274125	11/13/2023 14:40	11/13/2023 14:41	1	0
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1463520	11/13/2023 14:40	11/13/2023 14:41	1	0
509102	11/13/2023 14:40	11/13/2023 14:41	1	0
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740241	11/13/2023 14:41	11/13/2023 14:46	5	0

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317233	11/13/2023 14:41	11/13/2023 14:47	6	0
562620	11/13/2023 14:41	11/14/2023 0:28	587	0
457978	11/13/2023 14:41	11/13/2023 19:06	265	0
549596	11/13/2023 14:41	11/14/2023 9:00	1098	0
328113	11/13/2023 14:41	11/13/2023 18:57	256	0
29635	11/13/2023 14:41	11/13/2023 18:57	256	0
303510	11/13/2023 14:41	11/13/2023 19:00	259	0
1310926	11/13/2023 14:41	11/14/2023 9:00	1098	0
1363588	11/13/2023 14:41	11/13/2023 14:48	7	0
1363656	11/13/2023 14:41	11/13/2023 14:49	8	0
315346	11/13/2023 14:41	11/13/2023 18:59	258	0
239705	11/13/2023 14:41	11/14/2023 0:28	587	0
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275495	11/13/2023 14:41	11/14/2023 9:00	1098	0
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314899	11/13/2023 14:41	11/14/2023 9:00	1098	0
7533405	11/13/2023 14:41	11/13/2023 19:05	264	0
8148103	11/13/2023 14:41	11/14/2023 0:28	587	0
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315345	11/13/2023 14:41	11/13/2023 14:47	6	0
315306	11/13/2023 14:41	11/13/2023 19:06	265	0
8495802	11/13/2023 14:41	11/14/2023 0:28	587	0
8590289	11/13/2023 14:41	11/13/2023 14:47	6	0
507365	11/13/2023 14:41	11/13/2023 14:46	5	0
309265	11/13/2023 14:41	11/13/2023 18:56	255	0
309961	11/13/2023 14:41	11/14/2023 0:28	587	0
8668965	11/13/2023 14:41	11/13/2023 14:44	3	0
277301	11/13/2023 14:41	11/14/2023 9:00	1098	0
34833	11/13/2023 14:41	11/13/2023 19:11	270	0
506261	11/13/2023 14:41	11/13/2023 14:51	10	0
25674	11/13/2023 14:41	11/13/2023 19:02	261	0
69207	11/13/2023 14:41	11/14/2023 0:28	587	0
99902	11/13/2023 14:41	11/14/2023 9:00	1098	0
8145578	11/13/2023 14:41	11/14/2023 9:00	1098	0
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328594	11/13/2023 14:41	11/13/2023 18:58	257	0
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1310069	11/13/2023 14:41	11/14/2023 9:00	1098	0

276488	11/13/2023 14:41	11/14/2023 9:00	1098	0
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378229	11/13/2023 14:41	11/13/2023 14:50	9	0
1463520	11/13/2023 14:41	11/13/2023 14:47	6	0
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509102	11/13/2023 14:41	11/13/2023 14:44	3	0
316997	11/13/2023 14:41	11/13/2023 19:02	261	0
1431752	11/13/2023 14:41	11/13/2023 18:57	256	0
274125	11/13/2023 14:41	11/13/2023 14:45	4	0
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1465391	11/13/2023 14:41	11/13/2023 14:46	5	0
549617	11/13/2023 14:41	11/14/2023 9:00	1098	0
304295	11/13/2023 14:41	11/14/2023 0:28	587	0
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861053	11/13/2023 14:42	11/14/2023 0:28	586	0
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865262	11/13/2023 14:43	11/13/2023 18:57	254	0
1549436	11/13/2023 14:43	11/14/2023 0:28	585	0
1555376	11/13/2023 14:43	11/13/2023 19:00	257	0
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482128	11/13/2023 14:44	11/13/2023 18:56	252	0
8668965	11/13/2023 14:44	11/14/2023 0:28	584	0
1554677	11/13/2023 14:44	11/13/2023 19:01	257	0
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274125	11/13/2023 14:45	11/13/2023 19:02	257	0
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860281	11/13/2023 14:45	11/13/2023 18:53	248	0
1465391	11/13/2023 14:46	11/14/2023 0:28	582	0
507365	11/13/2023 14:46	11/14/2023 0:28	582	0
740241	11/13/2023 14:46	11/13/2023 18:45	239	0
1547692	11/13/2023 14:46	11/13/2023 19:03	257	0
1320646	11/13/2023 14:46	11/13/2023 18:58	252	0
865320	11/13/2023 14:47	11/14/2023 0:51	604	0
1463520	11/13/2023 14:47	11/13/2023 19:01	254	0

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1450250	11/13/2023 14:47	11/14/2023 0:28	581	0
317233	11/13/2023 14:47	11/13/2023 18:55	248	0
508593	11/13/2023 14:47	11/14/2023 0:28	581	0
1546695	11/13/2023 14:47	11/13/2023 18:57	250	0
8206792	11/13/2023 14:47	11/14/2023 0:28	581	0
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1363588	11/13/2023 14:48	11/13/2023 18:50	242	0
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1469850	11/13/2023 18:51	11/14/2023 9:00	848.4	0
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627018	11/13/2023 18:52	11/14/2023 9:00	847	0
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926657	11/13/2023 18:52	11/14/2023 9:00	847	0

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1595351	11/13/2023 19:02	11/14/2023 9:00	837.4	0
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316997	11/13/2023 19:02	11/14/2023 9:00	837	0
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34905	11/13/2023 19:02	11/14/2023 9:00	837.8	0
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34887	11/13/2023 19:03	11/14/2023 9:00	836	0
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1390184	11/13/2023 19:03	11/14/2023 9:00	836	0
1466445	11/13/2023 19:03	11/14/2023 9:00	836.4	0
1547692	11/13/2023 19:03	11/14/2023 9:00	836.4	0
195216	11/13/2023 19:03	11/14/2023 9:00	836.8	0
6162958	11/13/2023 19:03	11/14/2023 9:00	836	0
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304845	11/13/2023 19:03	11/14/2023 9:00	836.8	0
267537	11/13/2023 19:03	11/14/2023 9:00	836.8	0
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378229	11/13/2023 19:03	11/14/2023 9:00	836	0
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198082	11/13/2023 19:03	11/14/2023 9:00	836.8	0
197629	11/13/2023 19:05	11/14/2023 9:00	834	0
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8495805	11/13/2023 19:05	11/14/2023 9:00	834.15	0
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455994	11/13/2023 19:08	11/14/2023 9:00	831	0

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353728	11/13/2023 19:19	11/14/2023 9:00	820	0
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280887	11/13/2023 19:29	11/14/2023 9:00	810	0
1433697	11/13/2023 19:29	11/13/2023 20:27	58	0
11081884	11/13/2023 19:54	11/14/2023 9:00	785.8	0
237946	11/13/2023 19:58	11/14/2023 9:00	781.8	0
381982	11/13/2023 20:01	11/14/2023 9:00	778	0
30471	11/13/2023 20:07	11/14/2023 9:00	772	0
1433697	11/13/2023 20:27	11/13/2023 20:29	2	0
1433697	11/13/2023 20:29	11/13/2023 21:27	58	0
1417138	11/13/2023 21:08	11/14/2023 9:00	711	0
1433697	11/13/2023 21:27	11/13/2023 21:29	2	0
1433697	11/13/2023 21:29	11/13/2023 22:27	58	0
449377	11/13/2023 22:25	11/13/2023 22:55	30	0
1433697	11/13/2023 22:27	11/14/2023 9:00	632.2	0
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772378	11/14/2023 0:28	11/14/2023 9:00	511	0
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627289	11/14/2023 0:28	11/14/2023 9:00	511	0
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380057	11/14/2023 0:28	11/14/2023 9:00	511	0
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304295	11/14/2023 0:28	11/14/2023 9:00	511	0

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1683861	11/14/2023 9:39	11/14/2023 18:58	559	0
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315345	11/14/2023 9:49	11/14/2023 18:54	545	0
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523489	11/14/2023 9:49	11/14/2023 18:55	546	0.02
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318402	11/14/2023 9:51	11/14/2023 18:54	543	0
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25066	11/14/2023 9:57	11/14/2023 10:13	16	0
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1551513	11/14/2023 10:05	11/14/2023 11:39	94	0
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854585	11/14/2023 10:05	11/14/2023 11:36	91	0
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1361623	11/14/2023 10:08	11/14/2023 18:53	525	0
1363588	11/14/2023 10:09	11/14/2023 18:47	518	0
507365	11/14/2023 10:09	11/14/2023 10:25	16	0
1463520	11/14/2023 10:09	11/14/2023 14:27	258	0
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8734029	11/14/2023 10:10	11/14/2023 19:00	530	0
6761269	11/14/2023 10:10	11/14/2023 18:56	526	0
1595351	11/14/2023 10:10	11/14/2023 19:00	530	0
1361528	11/14/2023 10:10	11/14/2023 18:59	529	0
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1362855	11/14/2023 10:11	11/14/2023 18:51	520	0.23
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1321750	11/14/2023 10:11	11/14/2023 10:43	32	0
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27483	11/14/2023 10:13	11/14/2023 18:59	526	0
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345647	11/14/2023 10:14	11/14/2023 19:01	527	0
26921	11/14/2023 10:14	11/14/2023 14:25	251	0.36
346288	11/14/2023 10:14	11/14/2023 18:52	518	0
561672	11/14/2023 10:14	11/14/2023 19:01	527	0
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265473	11/14/2023 10:18	11/14/2023 11:31	73	0
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1565203	11/14/2023 10:20	11/14/2023 14:21	241	0
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511223	11/14/2023 10:22	11/14/2023 18:53	511	0
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315730	11/14/2023 10:31	11/14/2023 11:33	62	0
1680136	11/14/2023 10:31	11/14/2023 11:34	63	0
314188	11/14/2023 10:32	11/14/2023 11:35	63	0
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266806	11/14/2023 10:32	11/14/2023 11:35	63	0
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8148103	11/14/2023 10:33	11/14/2023 19:02	509	0
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315306	11/14/2023 10:35	11/14/2023 19:03	508	0
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315169	11/14/2023 10:37	11/14/2023 11:35	58	0
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266565	11/14/2023 10:37	11/14/2023 11:34	57	0
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267715	11/14/2023 10:37	11/14/2023 11:35	58	0.02
266556	11/14/2023 10:37	11/14/2023 11:34	57	0
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8668965	11/14/2023 10:37	11/14/2023 18:50	493	0
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198082	11/14/2023 10:38	11/14/2023 18:57	499	0
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1309098	11/14/2023 10:40	11/14/2023 18:54	494	0.39
1320619	11/14/2023 10:42	11/14/2023 10:58	16	0
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1321750	11/14/2023 10:43	11/14/2023 18:51	488	0.62
195839	11/14/2023 10:44	11/14/2023 18:51	487	0
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11435788	11/14/2023 11:04	11/14/2023 11:30	26	0

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627289	11/14/2023 11:08	11/14/2023 18:55	467	0
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23462	11/14/2023 11:10	11/14/2023 18:54	464	0
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265955	11/14/2023 11:13	11/14/2023 18:57	464	0
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315730	11/14/2023 11:33	11/14/2023 12:16	43	0
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324290	11/14/2023 11:35	11/14/2023 11:51	16	0
267715	11/14/2023 11:35	11/14/2023 18:54	439	0

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7415412	11/14/2023 11:36	11/14/2023 13:06	90	0
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228282	11/14/2023 11:40	11/14/2023 11:50	10	0
223025	11/14/2023 11:40	11/14/2023 11:56	16	0
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309265	11/14/2023 11:48	11/14/2023 12:05	17	0
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281332	11/14/2023 11:50	11/14/2023 14:52	182	0
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623069	11/14/2023 11:50	11/14/2023 18:53	423	0
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454901	11/14/2023 11:51	11/14/2023 12:07	16	0.07
324290	11/14/2023 11:51	11/14/2023 12:23	32	0
454861	11/14/2023 11:51	11/14/2023 12:07	16	0.06
325050	11/14/2023 11:51	11/14/2023 12:23	32	0
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457729	11/14/2023 11:51	11/14/2023 12:02	11	0
854585	11/14/2023 11:52	11/14/2023 12:18	26	0
224479	11/14/2023 11:52	11/14/2023 19:03	431	0
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223032	11/14/2023 11:54	11/14/2023 19:13	439	0
356505	11/14/2023 11:54	11/14/2023 19:04	430	0
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1508563	11/14/2023 11:55	11/14/2023 12:11	16	0

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309265	11/14/2023 12:05	11/14/2023 15:33	208	0
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99902	11/14/2023 12:06	11/14/2023 14:22	136	0
97805	11/14/2023 12:06	11/14/2023 14:09	123	0
455345	11/14/2023 12:06	11/14/2023 13:04	58	0
456099	11/14/2023 12:07	11/14/2023 13:10	63	0
100594	11/14/2023 12:07	11/14/2023 14:23	136	0
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792446	11/14/2023 12:07	11/14/2023 14:20	133	0
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14605	11/14/2023 12:15	11/14/2023 14:15	120	0
237946	11/14/2023 12:15	11/14/2023 19:01	406	0
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315169	11/14/2023 12:17	11/14/2023 14:49	152	0
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449377	11/14/2023 12:19	11/14/2023 13:01	42	0
11728	11/14/2023 12:19	11/14/2023 18:57	398	0
7902724	11/14/2023 12:20	11/14/2023 13:33	73	0
13876	11/14/2023 12:20	11/14/2023 14:16	116	0
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642139	11/14/2023 12:21	11/15/2023 9:00	1238	0
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324290	11/14/2023 12:23	11/14/2023 14:23	120	0
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854579	11/14/2023 12:37	11/14/2023 13:19	42	0
561757	11/14/2023 12:38	11/15/2023 9:00	1221	0
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204963	11/14/2023 12:54	11/15/2023 9:00	1205.8	0
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9060925	11/14/2023 13:02	11/14/2023 19:01	359	0

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454861	11/14/2023 13:05	11/14/2023 18:54	349	0
457729	11/14/2023 13:05	11/14/2023 18:57	352	0
8159088	11/14/2023 13:05	11/14/2023 19:02	357	0.08
7415412	11/14/2023 13:06	11/14/2023 19:05	359	0
1564723	11/14/2023 13:07	11/14/2023 14:20	73	0
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793285	11/14/2023 13:08	11/15/2023 9:00	1191	0
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852125	11/14/2023 13:19	11/15/2023 9:00	1180.42	0
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314564	11/14/2023 13:21	11/15/2023 9:00	1178	0
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328113	11/14/2023 13:31	11/14/2023 14:18	47	0
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55854	11/14/2023 14:16	11/14/2023 14:32	16	0
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13876	11/14/2023 14:16	11/14/2023 14:31	15	0
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445867	11/14/2023 14:17	11/14/2023 14:33	16	0
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1430553	11/14/2023 14:17	11/14/2023 19:01	284	0
12746	11/14/2023 14:17	11/14/2023 18:50	273	0
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11435788	11/14/2023 14:18	11/14/2023 14:34	16	0
446329	11/14/2023 14:18	11/14/2023 14:34	16	0
54382	11/14/2023 14:18	11/14/2023 14:34	16	0
328113	11/14/2023 14:18	11/14/2023 14:34	16	0
14239	11/14/2023 14:18	11/14/2023 14:33	15	0
1566872	11/14/2023 14:18	11/14/2023 14:34	16	0
280364	11/14/2023 14:19	11/14/2023 14:34	15	0
53030	11/14/2023 14:19	11/14/2023 14:34	15	0
8950281	11/14/2023 14:20	11/14/2023 14:31	11	0
1564723	11/14/2023 14:20	11/14/2023 14:36	16	0
792446	11/14/2023 14:20	11/14/2023 14:36	16	0
54282	11/14/2023 14:20	11/15/2023 9:00	1119	0
801004	11/14/2023 14:21	11/14/2023 14:37	16	0
69207	11/14/2023 14:21	11/14/2023 14:31	10	0
740241	11/14/2023 14:21	11/14/2023 14:37	16	0
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266333	11/14/2023 14:21	11/15/2023 9:00	1118	0
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99902	11/14/2023 14:22	11/14/2023 14:38	16	0
1417138	11/14/2023 14:22	11/14/2023 15:05	43	0
800600	11/14/2023 14:22	11/14/2023 14:37	15	0
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324290	11/14/2023 14:23	11/14/2023 16:07	104	0
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1547692	11/14/2023 14:23	11/14/2023 19:00	277	0
1546695	11/14/2023 14:23	11/14/2023 14:54	31	0
800588	11/14/2023 14:23	11/14/2023 14:38	15	0
324045	11/14/2023 14:24	11/14/2023 14:39	15	0
325050	11/14/2023 14:24	11/14/2023 14:39	15	0
23566	11/14/2023 14:25	11/14/2023 14:57	32	0
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793937	11/14/2023 14:25	11/14/2023 14:41	16	0
1466445	11/14/2023 14:25	11/14/2023 15:13	48	0

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1526024	11/14/2023 14:30	11/14/2023 14:46	16	0
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13876	11/14/2023 14:31	11/14/2023 14:47	16	0
56167	11/14/2023 14:31	11/14/2023 15:03	32	0
14605	11/14/2023 14:31	11/14/2023 14:47	16	0
69207	11/14/2023 14:31	11/14/2023 15:03	32	0
8950281	11/14/2023 14:31	11/14/2023 15:03	32	0
70866	11/14/2023 14:32	11/14/2023 14:48	16	0
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9063373	11/14/2023 14:32	11/14/2023 19:00	268	0
51483	11/14/2023 14:32	11/14/2023 15:04	32	0
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15611	11/14/2023 14:33	11/14/2023 14:48	15	0
51957	11/14/2023 14:33	11/14/2023 15:05	32	0
14239	11/14/2023 14:33	11/14/2023 14:44	11	0
56164	11/14/2023 14:33	11/14/2023 15:04	31	0
11435788	11/14/2023 14:34	11/14/2023 14:50	16	0
53030	11/14/2023 14:34	11/14/2023 15:06	32	0
54382	11/14/2023 14:34	11/14/2023 15:00	26	0
280364	11/14/2023 14:34	11/14/2023 18:59	265	0
239705	11/14/2023 14:34	11/15/2023 1:21	647	0
328113	11/14/2023 14:34	11/14/2023 15:00	26	0
1566872	11/14/2023 14:34	11/14/2023 18:52	258	0
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446329	11/14/2023 14:34	11/14/2023 14:50	16	0
1513959	11/14/2023 14:34	11/14/2023 14:49	15	0
449377	11/14/2023 14:35	11/14/2023 15:45	70	0
792446	11/14/2023 14:36	11/14/2023 18:47	251	0
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740241	11/14/2023 14:37	11/14/2023 18:45	248	0
801004	11/14/2023 14:37	11/14/2023 18:56	259	0
800590	11/14/2023 14:37	11/14/2023 18:46	249	0
800600	11/14/2023 14:37	11/14/2023 18:49	252	0
99902	11/14/2023 14:38	11/14/2023 18:54	256	0
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800588	11/14/2023 14:38	11/14/2023 18:45	247	0
791361	11/14/2023 14:38	11/14/2023 18:49	251	0
510307	11/14/2023 14:39	11/14/2023 18:46	247	0
100594	11/14/2023 14:39	11/14/2023 18:50	251	0
325050	11/14/2023 14:39	11/14/2023 14:50	11	0
324045	11/14/2023 14:39	11/15/2023 0:28	589	0.06
1466357	11/14/2023 14:41	11/14/2023 18:54	253	0
658837	11/14/2023 14:41	11/14/2023 18:53	252	0
793937	11/14/2023 14:41	11/14/2023 18:46	245	0
1407881	11/14/2023 14:41	11/14/2023 18:50	249	0
1394365	11/14/2023 14:41	11/14/2023 18:59	258	0
1463520	11/14/2023 14:42	11/15/2023 0:28	586	0
1393699	11/14/2023 14:44	11/14/2023 18:55	251	0
1576533	11/14/2023 14:44	11/14/2023 19:01	257	0
1407947	11/14/2023 14:44	11/15/2023 0:32	588	0
13912	11/14/2023 14:44	11/14/2023 15:51	67	0
14239	11/14/2023 14:44	11/14/2023 18:56	252	0
1494722	11/14/2023 14:45	11/14/2023 18:59	254	0
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1527339	11/14/2023 14:46	11/14/2023 18:59	253	0
14605	11/14/2023 14:47	11/14/2023 19:01	254	0
13876	11/14/2023 14:47	11/14/2023 18:58	251	0
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563721	11/14/2023 14:47	11/14/2023 18:56	249	0
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70866	11/14/2023 14:48	11/14/2023 18:55	247	0
445867	11/14/2023 14:48	11/14/2023 18:55	247	0
15611	11/14/2023 14:48	11/14/2023 18:56	248	0
11467920	11/14/2023 14:48	11/14/2023 18:58	250	0
1513398	11/14/2023 14:48	11/14/2023 18:55	247	0
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315169	11/14/2023 14:49	11/14/2023 18:50	241	0

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267537	11/14/2023 15:06	11/14/2023 19:02	236	0
325050	11/14/2023 15:06	11/14/2023 15:37	31	0
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926503	11/14/2023 18:46	11/15/2023 9:00	853.42	0
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324290	11/14/2023 18:49	11/15/2023 9:00	850	0
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627018	11/14/2023 18:50	11/15/2023 9:00	849	0
315169	11/14/2023 18:50	11/15/2023 9:00	849.8	0
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30176	11/14/2023 18:50	11/15/2023 9:00	849	0
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12746	11/14/2023 18:50	11/15/2023 9:00	849	0
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13912	11/14/2023 18:51	11/15/2023 9:00	848	0
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1321750	11/14/2023 18:51	11/15/2023 9:00	848	0
195839	11/14/2023 18:51	11/15/2023 9:00	848	0
309265	11/14/2023 18:51	11/15/2023 9:00	848	0
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1362855	11/14/2023 18:51	11/15/2023 8:09	798	0
267021	11/14/2023 18:51	11/15/2023 9:00	848.8	0
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8604423	11/14/2023 18:51	11/14/2023 18:56	5	0
304345	11/14/2023 18:51	11/15/2023 9:00	848	0
228611	11/14/2023 18:51	11/15/2023 9:00	848	0

266642	11/14/2023 18:51	11/15/2023 9:00	848	0
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623069	11/14/2023 18:53	11/15/2023 9:00	846.15	0
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328113	11/14/2023 18:53	11/15/2023 9:00	846	0
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315345	11/14/2023 18:54	11/15/2023 9:00	845	0
10510361	11/14/2023 18:54	11/15/2023 9:00	845.8	0
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793737	11/14/2023 18:54	11/15/2023 9:00	845	0
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99902	11/14/2023 18:54	11/15/2023 9:00	845	0
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318402	11/14/2023 18:54	11/15/2023 9:00	845.8	0
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328570	11/14/2023 18:55	11/15/2023 9:00	844	0
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1393699	11/14/2023 18:55	11/15/2023 9:00	844	0
314188	11/14/2023 18:55	11/15/2023 9:00	844.8	0
265473	11/14/2023 18:55	11/15/2023 9:00	844	0
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1551510	11/14/2023 18:55	11/15/2023 9:00	844	0
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353728	11/14/2023 19:07	11/15/2023 9:00	832	0
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8950281	11/15/2023 8:47	11/15/2023 9:00	12	0
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315346	11/15/2023 9:07	11/15/2023 19:05	598	0
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1393699	11/15/2023 9:31	11/15/2023 18:48	557	0
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309265	11/15/2023 12:51	11/15/2023 15:34	163	0
627018	11/15/2023 12:51	11/15/2023 13:49	58	0
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265864	11/15/2023 14:19	11/15/2023 18:48	269	0
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328113	11/15/2023 14:34	11/15/2023 15:03	29	0
51483	11/15/2023 14:35	11/15/2023 14:45	10	0
275018	11/15/2023 14:35	11/16/2023 0:28	593	0
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1466357	11/15/2023 14:35	11/15/2023 18:52	257	0
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274125	11/15/2023 14:35	11/15/2023 19:07	272	0
1434316	11/15/2023 14:36	11/15/2023 18:43	247	0
1434359	11/15/2023 14:36	11/16/2023 0:28	592	0
66588	11/15/2023 14:36	11/16/2023 9:00	1103	0
188639	11/15/2023 14:36	11/16/2023 9:00	1103	0
1465282	11/15/2023 14:37	11/15/2023 19:05	268	0
455345	11/15/2023 14:37	11/15/2023 15:02	25	0
8068454	11/15/2023 14:37	11/15/2023 19:04	267	0
1362130	11/15/2023 14:37	11/15/2023 18:43	246	0
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1361770	11/15/2023 14:38	11/15/2023 18:44	246	0
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240045	11/15/2023 14:41	11/15/2023 18:53	252	0
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1363656	11/15/2023 14:42	11/15/2023 18:43	241	0
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1700586	11/15/2023 14:43	11/15/2023 18:44	241	0

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99902	11/15/2023 14:48	11/15/2023 19:05	257	0
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316971	11/15/2023 14:56	11/15/2023 19:04	248	0
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455345	11/15/2023 15:02	11/15/2023 19:04	242	0
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455994	11/15/2023 15:06	11/15/2023 19:03	237	0
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26864	11/15/2023 19:03	11/16/2023 9:00	836.8	0
446329	11/15/2023 19:03	11/16/2023 9:00	836.15	0
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125572	11/15/2023 19:06	11/16/2023 9:00	833	0
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304295	11/15/2023 19:06	11/16/2023 9:00	833	0
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11435788	11/15/2023 19:09	11/16/2023 9:00	830.8	0
11081884	11/15/2023 19:09	11/16/2023 9:00	830.8	0
8148103	11/15/2023 19:09	11/16/2023 9:00	830	0
308032	11/15/2023 19:09	11/16/2023 9:00	830	0
9399863	11/15/2023 19:09	11/16/2023 9:00	830	0

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817260	11/16/2023 10:14	11/16/2023 19:03	529	0
51483	11/16/2023 10:15	11/16/2023 11:34	79	0
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274125	11/16/2023 10:17	11/16/2023 11:52	95	0
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197561	11/16/2023 10:23	11/16/2023 19:08	525	0
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313269	11/16/2023 10:24	11/16/2023 19:07	523	0
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624953	11/16/2023 10:38	11/16/2023 18:56	498	0
561757	11/16/2023 10:38	11/17/2023 9:00	1341	0
1466357	11/16/2023 10:39	11/16/2023 11:42	63	0
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23464	11/16/2023 10:40	11/17/2023 9:00	1339	0
27483	11/16/2023 10:41	11/16/2023 10:57	16	0
23462	11/16/2023 10:41	11/16/2023 10:57	16	0
28509	11/16/2023 10:41	11/16/2023 19:05	504	0
188639	11/16/2023 10:41	11/16/2023 16:14	333	0.59
1405290	11/16/2023 10:41	11/16/2023 11:44	63	0
26921	11/16/2023 10:41	11/16/2023 19:07	506	0
34613	11/16/2023 10:42	11/17/2023 9:00	1337	0
1565203	11/16/2023 10:42	11/16/2023 19:01	499	0
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29848	11/16/2023 10:43	11/16/2023 10:59	16	0.01
793937	11/16/2023 10:43	11/16/2023 18:46	483	0
24993	11/16/2023 10:43	11/17/2023 9:00	1336	0
34833	11/16/2023 10:43	11/16/2023 19:13	510	0
23516	11/16/2023 10:44	11/17/2023 9:00	1335	0
8495802	11/16/2023 10:44	11/16/2023 19:03	499	0.4
29635	11/16/2023 10:44	11/16/2023 19:08	504	0
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7533405	11/16/2023 10:46	11/16/2023 14:13	207	0
53030	11/16/2023 10:46	11/16/2023 11:02	16	0
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54382	11/16/2023 10:47	11/16/2023 11:19	32	0
56167	11/16/2023 10:47	11/16/2023 11:18	31	0
454372	11/16/2023 10:47	11/16/2023 11:19	32	0
69207	11/16/2023 10:48	11/17/2023 9:00	1331	0

314188	11/16/2023 10:48	11/16/2023 19:02	494	0
70866	11/16/2023 10:48	11/16/2023 19:11	503	0
55232	11/16/2023 10:48	11/16/2023 11:04	16	0
1595351	11/16/2023 10:48	11/16/2023 12:01	73	0
1417279	11/16/2023 10:48	11/16/2023 18:58	490	0
56164	11/16/2023 10:49	11/17/2023 9:00	1330	0
277301	11/16/2023 10:49	11/16/2023 11:55	66	0
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315169	11/16/2023 10:49	11/16/2023 19:08	499	0
68308	11/16/2023 10:49	11/16/2023 19:06	497	0
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315730	11/16/2023 10:50	11/16/2023 19:06	496	0
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1332906	11/16/2023 10:52	11/17/2023 0:28	816	0
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1417138	11/16/2023 10:53	11/16/2023 19:04	491	0
8668965	11/16/2023 10:54	11/16/2023 18:52	478	0
1320619	11/16/2023 10:54	11/17/2023 0:28	814	0
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23462	11/16/2023 10:57	11/16/2023 11:12	15	0
1564723	11/16/2023 10:57	11/16/2023 18:53	476	0
27483	11/16/2023 10:57	11/16/2023 19:09	492	0
1597556	11/16/2023 10:58	11/16/2023 11:29	31	0
29848	11/16/2023 10:59	11/17/2023 0:28	809	0.02
1566872	11/16/2023 10:59	11/17/2023 9:00	1320.4	0
14239	11/16/2023 11:00	11/17/2023 9:00	1319.8	0
11435788	11/16/2023 11:00	11/17/2023 9:00	1319.8	0
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53030	11/16/2023 11:02	11/16/2023 11:34	32	0
926657	11/16/2023 11:02	11/16/2023 18:53	471	0
1573666	11/16/2023 11:02	11/16/2023 19:08	486	0
259674	11/16/2023 11:02	11/16/2023 18:58	476	0
1514004	11/16/2023 11:02	11/16/2023 14:35	213	0
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495713	11/16/2023 11:04	11/16/2023 19:07	483	0
495705	11/16/2023 11:04	11/16/2023 19:02	478	0
1538577	11/16/2023 11:04	11/16/2023 11:20	16	0
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281235	11/16/2023 11:06	11/16/2023 11:49	43	0
8590289	11/16/2023 11:06	11/16/2023 19:02	476	0
8387677	11/16/2023 11:06	11/16/2023 19:07	481	0
198082	11/16/2023 11:06	11/16/2023 19:10	484	0

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1549436	11/16/2023 11:07	11/16/2023 11:38	31	0
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1547692	11/16/2023 11:07	11/16/2023 11:39	32	0
1550815	11/16/2023 11:07	11/16/2023 11:34	27	0
793690	11/16/2023 11:07	11/16/2023 19:01	474	0
1555376	11/16/2023 11:08	11/16/2023 11:23	15	0
1547843	11/16/2023 11:08	11/16/2023 11:39	31	0
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324290	11/16/2023 11:08	11/16/2023 11:51	43	0
793285	11/16/2023 11:08	11/16/2023 19:00	472	0
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34905	11/16/2023 11:15	11/17/2023 9:00	1304.8	0
13912	11/16/2023 11:15	11/17/2023 9:00	1304	0
55854	11/16/2023 11:17	11/16/2023 11:33	16	0
8434548	11/16/2023 11:17	11/16/2023 19:02	465	0
1537992	11/16/2023 11:18	11/16/2023 11:49	31	0
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266010	11/16/2023 11:18	11/16/2023 14:37	199	0
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454372	11/16/2023 11:19	11/16/2023 11:34	15	0
267537	11/16/2023 11:19	11/16/2023 11:51	32	0
1537447	11/16/2023 11:19	11/16/2023 11:50	31	0
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878149	11/16/2023 11:20	11/16/2023 19:02	462	0
1537353	11/16/2023 11:20	11/16/2023 11:52	32	0
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1538577	11/16/2023 11:20	11/16/2023 11:52	32	0
1537547	11/16/2023 11:21	11/16/2023 11:52	31	0
1538194	11/16/2023 11:21	11/16/2023 11:52	31	0
1539391	11/16/2023 11:21	11/16/2023 11:52	31	0

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1555376	11/16/2023 11:23	11/16/2023 11:42	19	0
1538195	11/16/2023 11:23	11/16/2023 11:49	26	0
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1361770	11/16/2023 11:23	11/16/2023 11:39	16	0
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1700586	11/16/2023 11:25	11/16/2023 11:41	16	0
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34832	11/16/2023 11:28	11/16/2023 19:16	468	0
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8621797	11/16/2023 11:30	11/16/2023 14:13	163	0
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55854	11/16/2023 11:33	11/16/2023 14:02	149	0
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455994	11/16/2023 11:33	11/16/2023 11:54	21	0
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53030	11/16/2023 11:34	11/16/2023 14:04	150	0
454372	11/16/2023 11:34	11/16/2023 11:50	16	0
1550815	11/16/2023 11:34	11/16/2023 12:06	32	0
56167	11/16/2023 11:34	11/16/2023 19:09	455	0
852125	11/16/2023 11:34	11/16/2023 11:50	16	0
51483	11/16/2023 11:34	11/16/2023 14:01	147	0
303510	11/16/2023 11:35	11/16/2023 14:12	157	0
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852071	11/16/2023 11:35	11/16/2023 11:49	14	0
8068454	11/16/2023 11:35	11/16/2023 14:21	166	0
645339	11/16/2023 11:36	11/16/2023 12:07	31	0
1549376	11/16/2023 11:37	11/16/2023 12:09	32	0
455345	11/16/2023 11:37	11/16/2023 11:47	10	0
1546695	11/16/2023 11:37	11/16/2023 12:09	32	0
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549596	11/16/2023 11:38	11/16/2023 11:54	16	0
1516739	11/16/2023 11:38	11/16/2023 11:54	16	0

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1463520	11/16/2023 11:38	11/16/2023 12:10	32	0
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10013697	11/16/2023 11:38	11/16/2023 12:05	27	0
1517059	11/16/2023 11:38	11/16/2023 11:54	16	0
325050	11/16/2023 11:38	11/16/2023 19:03	445	0
494873	11/16/2023 11:38	11/16/2023 19:09	451	0
1547686	11/16/2023 11:39	11/16/2023 12:10	31	0
1361770	11/16/2023 11:39	11/16/2023 12:10	31	0
1547843	11/16/2023 11:39	11/16/2023 12:06	27	0
1547692	11/16/2023 11:39	11/16/2023 12:10	31	0
1555268	11/16/2023 11:39	11/16/2023 12:05	26	0
1465282	11/16/2023 11:40	11/16/2023 12:11	31	0
1406535	11/16/2023 11:40	11/16/2023 14:12	152	0
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1362130	11/16/2023 11:40	11/16/2023 12:07	27	0
457729	11/16/2023 11:40	11/16/2023 11:52	12	0
1700586	11/16/2023 11:41	11/16/2023 11:57	16	0
1363588	11/16/2023 11:41	11/16/2023 18:46	425	0
1555376	11/16/2023 11:42	11/17/2023 0:28	766	0
1465391	11/16/2023 11:42	11/16/2023 12:09	27	0
1466357	11/16/2023 11:42	11/16/2023 12:13	31	0
1405290	11/16/2023 11:44	11/16/2023 19:09	445	0
328113	11/16/2023 11:44	11/16/2023 11:59	15	0
1466445	11/16/2023 11:44	11/16/2023 12:10	26	0
455345	11/16/2023 11:47	11/16/2023 12:50	63	0
274522	11/16/2023 11:48	11/16/2023 13:48	120	0
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1538102	11/16/2023 11:48	11/16/2023 12:36	48	0
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854579	11/16/2023 11:48	11/16/2023 12:04	16	0
1538195	11/16/2023 11:49	11/16/2023 12:36	47	0
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1537992	11/16/2023 11:49	11/16/2023 12:37	48	0
852071	11/16/2023 11:49	11/16/2023 12:05	16	0
1537447	11/16/2023 11:50	11/16/2023 12:37	47	0
454372	11/16/2023 11:50	11/16/2023 12:48	58	0
852125	11/16/2023 11:50	11/16/2023 12:06	16	0
276488	11/16/2023 11:50	11/16/2023 13:50	120	0
1537541	11/16/2023 11:50	11/16/2023 12:36	46	0
324290	11/16/2023 11:51	11/16/2023 12:11	20	0
267537	11/16/2023 11:51	11/16/2023 19:13	442	0
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279833	11/16/2023 11:51	11/16/2023 13:52	121	0

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1537353	11/16/2023 11:52	11/16/2023 12:34	42	0
457729	11/16/2023 11:52	11/16/2023 19:07	435	0
1538194	11/16/2023 11:52	11/16/2023 12:34	42	0
274125	11/16/2023 11:52	11/16/2023 19:07	435	0
1538577	11/16/2023 11:52	11/16/2023 12:33	41	0
1516739	11/16/2023 11:54	11/16/2023 12:10	16	0
1517059	11/16/2023 11:54	11/16/2023 12:10	16	0
455994	11/16/2023 11:54	11/16/2023 12:47	53	0
549596	11/16/2023 11:54	11/16/2023 12:11	17	0
125572	11/16/2023 11:55	11/16/2023 19:10	435	0
277301	11/16/2023 11:55	11/16/2023 14:05	130	0
4173986	11/16/2023 11:55	11/16/2023 13:51	116	0
1700586	11/16/2023 11:57	11/16/2023 12:29	32	0
328113	11/16/2023 11:59	11/16/2023 12:15	16	0
1595351	11/16/2023 12:01	11/16/2023 19:06	425	0
854579	11/16/2023 12:04	11/17/2023 9:00	1255	0
1555268	11/16/2023 12:05	11/16/2023 13:08	63	0
10013697	11/16/2023 12:05	11/16/2023 13:08	63	0
852071	11/16/2023 12:05	11/17/2023 9:00	1254	0
852125	11/16/2023 12:06	11/17/2023 9:00	1253.42	0
1550815	11/16/2023 12:06	11/16/2023 13:08	62	0
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1547843	11/16/2023 12:06	11/16/2023 13:09	63	0
1092960	11/16/2023 12:06	11/16/2023 18:56	410	0
552210	11/16/2023 12:07	11/16/2023 13:10	63	0
1362130	11/16/2023 12:07	11/16/2023 14:07	120	0
645339	11/16/2023 12:07	11/16/2023 14:24	137	0
1362855	11/16/2023 12:08	11/17/2023 0:28	740	0
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1546695	11/16/2023 12:09	11/16/2023 13:07	58	0
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1549436	11/16/2023 12:09	11/16/2023 13:07	58	0
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1549376	11/16/2023 12:09	11/16/2023 13:07	58	0
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1547686	11/16/2023 12:10	11/16/2023 13:08	58	0
1361770	11/16/2023 12:10	11/16/2023 14:42	152	0
1516739	11/16/2023 12:10	11/16/2023 14:09	119	0
1463520	11/16/2023 12:10	11/16/2023 12:57	47	0
1517059	11/16/2023 12:10	11/16/2023 19:02	412	0
1466445	11/16/2023 12:10	11/16/2023 12:54	44	0
1356945	11/16/2023 12:11	11/16/2023 17:37	326	0
1465282	11/16/2023 12:11	11/16/2023 12:59	48	0

324290	11/16/2023 12:11	11/16/2023 19:04	413	0
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1466357	11/16/2023 12:13	11/16/2023 12:55	42	0
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319279	11/16/2023 12:23	11/17/2023 9:00	1236.8	0
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1700586	11/16/2023 12:29	11/17/2023 9:00	1230	0
449377	11/16/2023 12:30	11/16/2023 12:46	16	0
1538577	11/16/2023 12:33	11/16/2023 13:52	79	0
1539391	11/16/2023 12:34	11/16/2023 13:53	79	0
1537353	11/16/2023 12:34	11/16/2023 14:33	119	0
1538194	11/16/2023 12:34	11/16/2023 14:19	105	0
1537989	11/16/2023 12:34	11/16/2023 14:34	120	0
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1537447	11/16/2023 12:37	11/16/2023 19:06	389	0
204963	11/16/2023 12:37	11/17/2023 9:00	1222.8	0
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1109994	11/16/2023 14:43	11/16/2023 18:44	241	0
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860281	11/16/2023 14:51	11/16/2023 18:52	241	0
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7533405	11/16/2023 15:00	11/16/2023 19:12	252	0
328113	11/16/2023 15:00	11/16/2023 18:51	231	0
328911	11/16/2023 15:00	11/16/2023 19:01	241	0

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1272457	11/16/2023 15:18	11/16/2023 18:43	205	0
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174815	11/16/2023 18:12	11/16/2023 19:21	69	0
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1321605	11/16/2023 18:40	11/17/2023 9:00	859	0
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1272457	11/16/2023 18:43	11/17/2023 9:00	856	0
1109994	11/16/2023 18:44	11/17/2023 9:00	855	0
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956968	11/16/2023 18:46	11/17/2023 9:00	853	0

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1597556	11/16/2023 18:50	11/17/2023 9:00	849.4	0
328113	11/16/2023 18:51	11/17/2023 9:00	848	0
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860281	11/16/2023 18:52	11/17/2023 9:00	847	0
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800600	11/16/2023 18:57	11/17/2023 9:00	842	0
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259674	11/16/2023 18:58	11/17/2023 9:00	841	0
916360	11/16/2023 18:58	11/17/2023 9:00	841.42	0
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658837	11/16/2023 19:00	11/17/2023 9:00	839	0
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328911	11/16/2023 19:01	11/17/2023 9:00	838	0
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1361623	11/16/2023 19:01	11/17/2023 9:00	839	0
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70866	11/16/2023 19:11	11/17/2023 9:00	828.8	0
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519373	11/16/2023 19:11	11/17/2023 9:00	828.8	0
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35442	11/16/2023 19:12	11/17/2023 9:00	827	0
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324045	11/16/2023 19:14	11/17/2023 9:00	825	0
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304265	11/17/2023 0:28	11/17/2023 9:00	511	0
280749	11/17/2023 0:28	11/17/2023 9:00	511	0
29848	11/17/2023 0:28	11/17/2023 9:00	511	0

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303510	11/17/2023 0:28	11/17/2023 9:00	511	0
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385332	11/17/2023 0:28	11/17/2023 9:00	511	0
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1390184	11/17/2023 0:28	11/17/2023 9:00	511	0
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5212517	11/17/2023 0:28	11/17/2023 9:00	511	0
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1356945	11/17/2023 7:56	11/17/2023 9:00	63	0
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51483	11/17/2023 8:16	11/17/2023 9:00	43	0
8950281	11/17/2023 8:17	11/17/2023 9:00	42	0
309961	11/17/2023 8:33	11/17/2023 9:00	26	0
308959	11/17/2023 8:35	11/17/2023 9:00	24.8	0
449377	11/17/2023 8:35	11/17/2023 9:00	24	0
740241	11/17/2023 8:35	11/17/2023 9:00	24	0
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1565203	11/17/2023 8:45	11/17/2023 9:00	14	0
7902724	11/17/2023 8:45	11/17/2023 9:00	14	0
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561773	11/17/2023 9:00	11/17/2023 11:08	128	0
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264186	11/17/2023 9:00	11/18/2023 9:00	1439	0
1417138	11/17/2023 9:00	11/17/2023 14:38	338	0
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25674	11/17/2023 9:11	11/17/2023 14:10	299	0
25066	11/17/2023 9:11	11/17/2023 14:11	300	0
23566	11/17/2023 9:12	11/17/2023 14:12	300	0
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1517059	11/17/2023 9:21	11/17/2023 10:24	63	0
740241	11/17/2023 9:22	11/17/2023 18:33	551	0
1321605	11/17/2023 9:23	11/17/2023 18:34	551	0
1393699	11/17/2023 9:25	11/17/2023 11:42	137	0
1362855	11/17/2023 9:26	11/17/2023 18:47	561	0
1361623	11/17/2023 9:26	11/17/2023 11:38	132	0
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54382	11/17/2023 11:46	11/17/2023 14:35	169	0
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51483	11/17/2023 11:46	11/17/2023 14:34	168	0
280780	11/17/2023 11:46	11/17/2023 19:01	435	0
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266010	11/17/2023 15:22	11/17/2023 18:38	196	0
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658177	11/17/2023 18:31	11/18/2023 9:00	868	0
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317233	11/18/2023 0:28	11/18/2023 9:00	511	0
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1408266	11/18/2023 0:28	11/18/2023 9:00	511	0
274125	11/18/2023 0:28	11/18/2023 9:00	511	0
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8950281	11/18/2023 8:07	11/18/2023 9:00	52	0

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793638	11/18/2023 8:53	11/18/2023 9:00	6	0
280749	11/18/2023 9:00	11/19/2023 9:00	1439	0
264186	11/18/2023 9:00	11/19/2023 9:00	1439	0
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457729	11/18/2023 11:37	11/18/2023 12:07	30	0
860281	11/18/2023 11:37	11/18/2023 12:25	48	0
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274125	11/18/2023 11:41	11/18/2023 18:59	438	0
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259674	11/18/2023 11:47	11/18/2023 18:52	425	0
449377	11/18/2023 11:48	11/18/2023 18:58	430	0
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1514004	11/18/2023 12:03	11/18/2023 18:53	410	0
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275018	11/18/2023 12:36	11/19/2023 9:00	1223	0
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324249	11/19/2023 9:42	11/19/2023 18:53	551	0
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455345	11/19/2023 11:38	11/19/2023 11:55	17	0
324045	11/19/2023 11:38	11/19/2023 14:42	184	0
645339	11/19/2023 11:38	11/19/2023 11:54	16	0
325050	11/19/2023 11:38	11/19/2023 14:42	184	0

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838041	11/19/2023 11:52	11/19/2023 18:49	417	0
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455994	11/19/2023 14:24	11/19/2023 14:51	27	0
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308959	11/19/2023 14:24	11/19/2023 18:57	273	0
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316997	11/19/2023 14:29	11/19/2023 14:45	16	0
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324045	11/19/2023 14:42	11/19/2023 19:04	262	0.02
325050	11/19/2023 14:42	11/19/2023 18:54	252	0
1320619	11/19/2023 14:43	11/19/2023 18:44	241	0
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315306	11/19/2023 14:44	11/19/2023 19:02	258	0
316997	11/19/2023 14:45	11/19/2023 19:02	257	0
616242	11/19/2023 14:46	11/19/2023 18:52	246	0
317797	11/19/2023 14:46	11/19/2023 18:57	251	0
1406664	11/19/2023 14:47	11/19/2023 18:54	247	0
612971	11/19/2023 14:47	11/19/2023 18:51	244	0
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328911	11/19/2023 14:51	11/19/2023 18:48	237	0
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1407881	11/19/2023 15:03	11/19/2023 19:03	240	0
1362855	11/19/2023 15:03	11/19/2023 18:54	231	0
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1465282	11/19/2023 15:05	11/19/2023 15:16	11	0
1421188	11/19/2023 15:06	11/19/2023 18:57	231	0

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1361623	11/19/2023 15:08	11/19/2023 18:48	220	0
8486022	11/19/2023 15:12	11/19/2023 18:58	226	0
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23566	11/19/2023 15:15	11/19/2023 18:51	216	0
1444809	11/19/2023 15:16	11/19/2023 17:28	132	0
589615	11/19/2023 15:16	11/19/2023 18:56	220	0
1447297	11/19/2023 15:16	11/19/2023 18:57	221	0
1465282	11/19/2023 15:16	11/19/2023 19:01	225	0
25066	11/19/2023 15:17	11/19/2023 19:03	226	0
1403562	11/19/2023 15:17	11/19/2023 18:57	220	0
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616587	11/19/2023 15:30	11/19/2023 18:55	205	0
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323747	11/19/2023 15:42	11/19/2023 18:56	194	0
323657	11/19/2023 15:42	11/19/2023 19:02	200	0
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1363588	11/19/2023 18:45	11/20/2023 9:00	854	0
1356945	11/19/2023 18:46	11/20/2023 8:10	804	0
8972545	11/19/2023 18:46	11/20/2023 9:00	853	0
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1444966	11/19/2023 18:46	11/20/2023 9:00	853	0
1599209	11/19/2023 18:46	11/20/2023 9:00	853.4	0
860281	11/19/2023 18:46	11/20/2023 9:00	853	0
510307	11/19/2023 18:47	11/20/2023 9:00	852	0
1434316	11/19/2023 18:47	11/20/2023 9:00	852	0

454372	11/19/2023 18:47	11/20/2023 9:00	852	0
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1361623	11/19/2023 18:48	11/20/2023 9:00	852	0
8668965	11/19/2023 18:48	11/20/2023 9:00	851	0
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278472	11/19/2023 18:51	11/20/2023 9:00	848	0
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309265	11/19/2023 18:51	11/20/2023 9:00	848	0
8502011	11/19/2023 18:51	11/20/2023 9:00	848	0
456099	11/19/2023 18:51	11/20/2023 9:00	848	0
1469850	11/19/2023 18:51	11/20/2023 9:00	848.4	0
455629	11/19/2023 18:51	11/20/2023 9:00	848	0
1412757	11/19/2023 18:51	11/20/2023 9:00	848	0
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262048	11/19/2023 18:51	11/20/2023 9:00	848.8	0
315169	11/19/2023 18:51	11/20/2023 9:00	848.8	0
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1361528	11/20/2023 18:53	11/21/2023 9:00	847	0
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198082	11/20/2023 18:53	11/21/2023 9:00	846.8	0
8068454	11/20/2023 18:53	11/21/2023 9:00	846	0
308959	11/20/2023 18:53	11/21/2023 8:20	807	0
399291	11/20/2023 18:53	11/21/2023 9:00	846	0
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1378582	11/21/2023 0:28	11/21/2023 9:00	511	0
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1394324	11/21/2023 8:20	11/21/2023 9:00	39	0
308959	11/21/2023 8:20	11/21/2023 9:00	39.8	0
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740241	11/21/2023 8:35	11/21/2023 9:00	24	0
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915557	11/22/2023 9:07	11/22/2023 11:39	152	0
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928006	11/22/2023 10:20	11/22/2023 18:23	483	0
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1573666	11/22/2023 10:43	11/22/2023 18:40	477	0
1597556	11/22/2023 10:44	11/22/2023 11:47	63	0
8495802	11/22/2023 10:44	11/22/2023 18:32	468	0
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195216	11/22/2023 10:50	11/22/2023 18:43	473	0
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196965	11/22/2023 10:52	11/22/2023 14:17	205	0
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197356	11/22/2023 10:52	11/22/2023 18:50	478	0
313269	11/22/2023 10:53	11/22/2023 18:56	483	0
325050	11/22/2023 10:54	11/22/2023 18:41	467	0
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1519715	11/22/2023 10:55	11/22/2023 11:53	58	0
455994	11/22/2023 10:56	11/22/2023 18:44	468	0
8524544	11/22/2023 10:56	11/22/2023 18:49	473	0.04
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1567316	11/22/2023 11:12	11/22/2023 14:00	168	0

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7932279	11/22/2023 11:29	11/22/2023 13:14	105	0
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645339	11/22/2023 11:38	11/22/2023 11:53	15	0
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1375642	11/22/2023 11:38	11/22/2023 12:36	58	0
569554	11/22/2023 11:38	11/22/2023 18:43	425	0
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1375227	11/22/2023 11:39	11/22/2023 12:37	58	0
915557	11/22/2023 11:39	11/22/2023 18:23	404	0
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860281	11/22/2023 11:52	11/22/2023 12:23	31	0
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1309098	11/22/2023 11:53	11/22/2023 12:08	15	0

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645339	11/22/2023 11:53	11/22/2023 12:09	16	0
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1310926	11/22/2023 11:54	11/22/2023 12:10	16	0
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903630	11/22/2023 12:04	11/22/2023 13:08	64	0
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55232	11/22/2023 12:04	11/22/2023 12:46	42	0
54382	11/22/2023 12:04	11/22/2023 12:46	42	0
8950281	11/22/2023 12:05	11/22/2023 12:47	42	0
55854	11/22/2023 12:05	11/22/2023 18:38	393	0
1309098	11/22/2023 12:08	11/22/2023 14:11	123	0.03
1670039	11/22/2023 12:08	11/22/2023 14:41	153	0
645339	11/22/2023 12:09	11/22/2023 18:42	393	0
1519715	11/22/2023 12:09	11/22/2023 12:41	32	0
1310926	11/22/2023 12:10	11/22/2023 14:11	121	0
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729928	11/22/2023 18:40	11/23/2023 9:00	859	0
1421188	11/22/2023 18:40	11/23/2023 9:00	859	0
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308959	11/23/2023 9:20	11/23/2023 18:58	578	0
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318402	11/23/2023 10:07	11/23/2023 18:53	526	0
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319279	11/23/2023 10:08	11/23/2023 10:24	16	0
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504858	11/23/2023 11:54	11/23/2023 12:51	57	0
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68308	11/23/2023 13:51	11/23/2023 18:52	301	0
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1430294	11/23/2023 14:14	11/23/2023 18:52	278	0
262048	11/23/2023 14:15	11/23/2023 20:00	345	0
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1441766	11/23/2023 14:20	11/23/2023 14:35	15	0
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1416360	11/23/2023 14:21	11/23/2023 18:59	278	0
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7879030	11/23/2023 14:26	11/23/2023 14:58	32	0
8206792	11/23/2023 14:26	11/23/2023 18:53	267	0
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413869	11/23/2023 21:29	11/23/2023 22:21	52	0
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957615	11/24/2023 0:28	11/24/2023 9:00	511	0
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274125	11/24/2023 1:17	11/24/2023 9:00	462	0
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455345	11/24/2023 10:07	11/24/2023 11:52	105	0
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8495802	11/24/2023 11:02	11/24/2023 18:55	473	0
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625938	11/24/2023 11:02	11/25/2023 0:28	806	0.02

9063373	11/24/2023 11:02	11/24/2023 11:49	47	0
1394324	11/24/2023 11:03	11/24/2023 12:37	94	0
627289	11/24/2023 11:03	11/24/2023 11:51	48	0
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8590289	11/24/2023 11:05	11/24/2023 11:52	47	0
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626477	11/24/2023 11:06	11/24/2023 18:43	457	0
627018	11/24/2023 11:07	11/25/2023 0:28	801	0
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324290	11/24/2023 11:08	11/24/2023 11:46	38	0
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413869	11/24/2023 11:12	11/24/2023 11:29	17	0
6714863	11/24/2023 11:12	11/25/2023 9:00	1307	0
378229	11/24/2023 11:13	11/24/2023 18:54	461	0
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1393633	11/24/2023 11:14	11/24/2023 18:45	451	0.42
1343695	11/24/2023 11:14	11/24/2023 12:17	63	0
304265	11/24/2023 11:15	11/25/2023 0:28	793	0
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905991	11/24/2023 11:33	11/24/2023 11:49	16	0
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860281	11/24/2023 11:34	11/24/2023 18:43	429	0

619266	11/24/2023 11:34	11/24/2023 11:50	16	0
617514	11/24/2023 11:35	11/25/2023 0:28	773	0
70866	11/24/2023 11:36	11/25/2023 9:00	1283.8	0
8206792	11/24/2023 11:36	11/24/2023 11:52	16	0
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740241	11/24/2023 11:37	11/25/2023 0:28	771	0
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188639	11/24/2023 11:41	11/24/2023 11:57	16	0
240045	11/24/2023 11:41	11/24/2023 18:51	430	0
303510	11/24/2023 11:41	11/24/2023 11:56	15	0
1450250	11/24/2023 11:41	11/24/2023 18:56	435	0
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26864	11/24/2023 11:42	11/24/2023 11:58	16	0
1465282	11/24/2023 11:43	11/24/2023 12:41	58	0
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8621797	11/24/2023 11:44	11/24/2023 11:59	15	0
325050	11/24/2023 11:46	11/24/2023 18:46	420	0
324045	11/24/2023 11:46	11/24/2023 12:11	25	0
324290	11/24/2023 11:46	11/24/2023 12:07	21	0
1700586	11/24/2023 11:46	11/24/2023 18:46	420	0
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9063373	11/24/2023 11:49	11/25/2023 9:00	1270	0
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506261	11/24/2023 11:50	11/24/2023 14:23	153	0.05
454901	11/24/2023 11:50	11/24/2023 18:52	422	0
619266	11/24/2023 11:50	11/24/2023 14:22	152	0
454861	11/24/2023 11:51	11/24/2023 12:07	16	0
627289	11/24/2023 11:51	11/24/2023 13:51	120	0
119833	11/24/2023 11:51	11/24/2023 12:07	16	0
624966	11/24/2023 11:52	11/24/2023 18:52	420	0
455345	11/24/2023 11:52	11/24/2023 12:07	15	0
8590289	11/24/2023 11:52	11/24/2023 14:35	163	0
8206792	11/24/2023 11:52	11/24/2023 12:08	16	0
1417279	11/24/2023 11:52	11/24/2023 18:46	414	0
457729	11/24/2023 11:52	11/24/2023 12:07	15	0

456099	11/24/2023 11:52	11/24/2023 12:05	13	0
624953	11/24/2023 11:52	11/24/2023 13:52	120	0
8668965	11/24/2023 11:52	11/24/2023 14:24	152	0
455629	11/24/2023 11:52	11/24/2023 18:51	419	0
11009258	11/24/2023 11:53	11/24/2023 12:09	16	0
56167	11/24/2023 11:54	11/24/2023 14:16	142	0
507365	11/24/2023 11:54	11/24/2023 18:49	415	0
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330528	11/24/2023 17:42	11/25/2023 9:00	917	0
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956645	11/26/2023 9:42	11/26/2023 18:18	516	0
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51483	11/26/2023 18:49	11/27/2023 9:00	850	0
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197629	11/26/2023 19:33	11/27/2023 9:00	806	0
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1361528	11/27/2023 9:00	11/27/2023 10:52	112	0
980398	11/27/2023 9:00	11/28/2023 9:00	1439	0
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627018	11/27/2023 12:05	11/27/2023 14:38	153	0
627289	11/27/2023 12:05	11/27/2023 14:37	152	0
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627018	11/28/2023 11:21	11/28/2023 18:42	441	0
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7879030	11/28/2023 11:39	11/28/2023 18:44	425	0
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1525793	11/28/2023 11:46	11/28/2023 12:00	14	0

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465344	11/28/2023 11:46	11/29/2023 9:00	1273	0
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8668965	11/28/2023 11:51	11/28/2023 14:24	153	0
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1511264	11/28/2023 11:52	11/28/2023 12:07	15	0
281235	11/28/2023 11:52	11/28/2023 18:57	425	0
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1511251	11/28/2023 11:52	11/28/2023 12:08	16	0
7178975	11/28/2023 11:53	11/28/2023 18:58	425	0
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510307	11/28/2023 11:54	11/28/2023 18:43	409	0
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817260	11/28/2023 11:59	11/28/2023 18:53	414	0
1019446	11/28/2023 12:00	11/28/2023 12:16	16	0
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1557188	11/28/2023 12:06	11/28/2023 18:44	398	0
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1511251	11/28/2023 12:08	11/28/2023 18:52	404	0
549617	11/28/2023 12:09	11/28/2023 18:47	398	0
381338	11/28/2023 12:11	11/28/2023 18:55	404	0
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1493132	11/28/2023 12:13	11/28/2023 14:29	136	0.03

7937779	11/28/2023 12:14	11/28/2023 14:47	153	0
1019446	11/28/2023 12:16	11/28/2023 18:28	372	0
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1321605	11/28/2023 12:34	11/28/2023 13:32	58	0
68308	11/28/2023 12:34	11/29/2023 9:00	1225	0
1405290	11/28/2023 12:39	11/28/2023 18:57	378	0.02
1377303	11/28/2023 12:41	11/28/2023 15:55	194	0
449377	11/28/2023 12:41	11/28/2023 19:02	381	0
353728	11/28/2023 12:43	11/29/2023 9:00	1216	0
1465703	11/28/2023 12:49	11/28/2023 13:26	37	0
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808384	11/28/2023 18:46	11/29/2023 9:00	853	0
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318402	11/30/2023 10:06	11/30/2023 11:19	73	0
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7937779	11/30/2023 19:54	12/1/2023 9:00	785	0
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456099	12/1/2023 0:28	12/1/2023 9:00	511	0
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740241	12/1/2023 10:05	12/1/2023 11:45	100	0
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188639	12/1/2023 11:36	12/2/2023 9:00	1283	0
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24124	12/1/2023 11:45	12/1/2023 11:56	11	0

740241	12/1/2023 11:45	12/1/2023 17:57	372	0
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197561	12/1/2023 18:29	12/2/2023 9:00	870	0
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380057	12/1/2023 18:29	12/2/2023 9:00	870	0
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1463520	12/1/2023 18:30	12/2/2023 9:00	869	0
957615	12/1/2023 18:30	12/2/2023 9:00	869	0
314188	12/1/2023 18:30	12/2/2023 9:00	869.8	0

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808829	12/1/2023 18:31	12/2/2023 9:00	868	0
10659831	12/1/2023 18:31	12/2/2023 9:00	868.4	0
1465703	12/1/2023 18:31	12/2/2023 9:00	868	0
1406535	12/1/2023 18:31	12/2/2023 9:00	868	0
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7178975	12/1/2023 18:32	12/2/2023 9:00	867	0
1551510	12/1/2023 18:32	12/2/2023 9:00	867	0
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1453263	12/1/2023 18:33	12/2/2023 9:00	866.4	0
562620	12/1/2023 18:33	12/2/2023 9:00	866	0
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1377926	12/1/2023 18:33	12/2/2023 9:00	866	0
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457978	12/1/2023 18:34	12/2/2023 9:00	865	0
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267537	12/1/2023 18:35	12/2/2023 9:00	864.8	0
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1553065	12/1/2023 18:46	12/2/2023 9:00	853.4	0
309961	12/1/2023 18:46	12/2/2023 9:00	853	0
8621797	12/1/2023 18:46	12/2/2023 8:44	838	0
274522	12/1/2023 18:46	12/2/2023 9:00	853	0
1515733	12/1/2023 18:46	12/2/2023 9:00	853.4	0
10013697	12/1/2023 18:47	12/2/2023 9:00	852	0
308959	12/1/2023 18:47	12/2/2023 9:00	852.8	0
1549526	12/1/2023 18:47	12/2/2023 9:00	852	0
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197356	12/1/2023 18:47	12/2/2023 9:00	852	0
279833	12/1/2023 18:47	12/2/2023 9:00	852.8	0
1549376	12/1/2023 18:47	12/2/2023 9:00	852	0
304785	12/1/2023 18:47	12/2/2023 9:00	852.8	0
1417138	12/1/2023 18:47	12/2/2023 9:00	852	0
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353371	12/1/2023 18:48	12/2/2023 9:00	851.8	0
1552447	12/1/2023 18:48	12/2/2023 9:00	851.4	0
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1516739	12/1/2023 18:50	12/2/2023 9:00	849	0
315169	12/1/2023 18:50	12/2/2023 9:00	849.8	0
317126	12/1/2023 18:50	12/2/2023 9:00	849	0
353728	12/1/2023 18:50	12/2/2023 9:00	849	0
313269	12/1/2023 18:51	12/2/2023 9:00	848	0
1547843	12/1/2023 18:51	12/2/2023 9:00	848	0
317084	12/1/2023 18:52	12/2/2023 9:00	847.8	0
1549436	12/1/2023 18:52	12/2/2023 9:00	847	0
1547692	12/1/2023 18:53	12/2/2023 9:00	846.4	0
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1433697	12/1/2023 19:29	12/1/2023 20:26	57	0
1433697	12/1/2023 20:26	12/1/2023 20:29	3	0
1433697	12/1/2023 20:29	12/1/2023 20:46	17	0
1433697	12/1/2023 20:46	12/2/2023 8:26	700	0
1493132	12/2/2023 0:28	12/2/2023 9:00	511	0
315345	12/2/2023 0:28	12/2/2023 9:00	511	0
1332906	12/2/2023 0:28	12/2/2023 9:00	511	0
1555376	12/2/2023 0:28	12/2/2023 9:00	511	0

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1393633	12/2/2023 0:28	12/2/2023 9:00	511	0
454372	12/2/2023 0:28	12/2/2023 9:00	511	0
324249	12/2/2023 0:28	12/2/2023 9:00	511	0
315306	12/2/2023 0:28	12/2/2023 9:00	511	0
68308	12/2/2023 0:28	12/2/2023 9:00	511	0
456099	12/2/2023 0:28	12/2/2023 9:00	511	0
1430294	12/2/2023 0:28	12/2/2023 9:00	511	0
381982	12/2/2023 0:28	12/2/2023 9:00	511	0
1320619	12/2/2023 0:28	12/2/2023 9:00	511	0
303510	12/2/2023 0:28	12/2/2023 9:00	511	0
1309098	12/2/2023 0:28	12/2/2023 9:00	511	0
449377	12/2/2023 4:16	12/2/2023 4:25	9	0
1445317	12/2/2023 4:17	12/2/2023 8:12	235	0
449377	12/2/2023 4:25	12/2/2023 6:05	100	0
449377	12/2/2023 6:05	12/2/2023 8:37	152	0
1444809	12/2/2023 7:55	12/2/2023 9:00	64	0
1433348	12/2/2023 7:55	12/2/2023 9:00	64	0
1432940	12/2/2023 7:56	12/2/2023 9:00	63	0
1445317	12/2/2023 8:12	12/2/2023 9:00	47	0
1433697	12/2/2023 8:26	12/2/2023 8:29	3	0
1433697	12/2/2023 8:29	12/2/2023 9:00	30.2	0
7902724	12/2/2023 8:31	12/2/2023 9:00	28	0
449377	12/2/2023 8:37	12/2/2023 9:00	22	0
8621797	12/2/2023 8:44	12/2/2023 9:00	15	0
1671958	12/2/2023 9:00	12/3/2023 9:00	1439	0
308959	12/2/2023 9:00	12/2/2023 18:41	581	0
280780	12/2/2023 9:00	12/3/2023 9:00	1439	0
309961	12/2/2023 9:00	12/2/2023 18:50	590	0
1453263	12/2/2023 9:00	12/2/2023 10:55	115	0
8668965	12/2/2023 9:00	12/2/2023 10:38	98	0
353728	12/2/2023 9:00	12/2/2023 14:20	320	0
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10222019	12/2/2023 9:00	12/3/2023 9:00	1439	0
264186	12/2/2023 9:00	12/3/2023 9:00	1439	0
1362855	12/2/2023 9:00	12/2/2023 18:38	578	0
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1433348	12/2/2023 9:08	12/2/2023 18:40	572	0
1356945	12/2/2023 9:09	12/3/2023 0:28	919	0
1444809	12/2/2023 9:09	12/2/2023 18:36	567	0
1361623	12/2/2023 9:09	12/2/2023 18:35	566	0
8621797	12/2/2023 9:13	12/2/2023 14:12	299	0
7902724	12/2/2023 9:18	12/2/2023 18:45	567	0
859747	12/2/2023 9:22	12/2/2023 18:44	562	0
1465703	12/2/2023 9:23	12/2/2023 18:40	557	0

860281	12/2/2023 9:24	12/2/2023 11:35	131	0
1421188	12/2/2023 9:34	12/2/2023 18:41	547	0
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1553065	12/2/2023 9:39	12/2/2023 14:12	273	0.32
1552154	12/2/2023 9:40	12/2/2023 14:07	267	0
1465282	12/2/2023 9:40	12/2/2023 18:39	539	0
1321605	12/2/2023 9:41	12/2/2023 18:31	530	0
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1466445	12/2/2023 9:43	12/2/2023 18:38	535	0
1393699	12/2/2023 9:45	12/2/2023 18:25	520	0
5212517	12/2/2023 9:45	12/2/2023 18:39	534	0
1494722	12/2/2023 9:45	12/2/2023 18:44	539	0
1430553	12/2/2023 9:47	12/2/2023 11:32	105	0
51957	12/2/2023 9:49	12/2/2023 18:42	533	0
9063373	12/2/2023 9:49	12/2/2023 18:44	535	0
1394365	12/2/2023 9:49	12/2/2023 18:39	530	0
1430838	12/2/2023 9:49	12/2/2023 18:40	531	0
455994	12/2/2023 9:51	12/2/2023 19:14	563	0
315345	12/2/2023 9:53	12/2/2023 14:26	273	0
317233	12/2/2023 9:54	12/2/2023 14:26	272	0
315346	12/2/2023 9:54	12/2/2023 14:27	273	0
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317797	12/2/2023 9:58	12/2/2023 18:38	520	0
304295	12/2/2023 9:58	12/2/2023 14:15	257	0
1599209	12/2/2023 10:00	12/2/2023 14:17	257	0
590897	12/2/2023 10:01	12/2/2023 18:38	517	0
1597556	12/2/2023 10:02	12/2/2023 18:36	514	0
1272457	12/2/2023 10:02	12/2/2023 18:34	512	0
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457729	12/2/2023 10:04	12/2/2023 11:07	63	0
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323747	12/2/2023 10:05	12/2/2023 11:08	63	0
275018	12/2/2023 10:05	12/2/2023 14:22	257	0
1412757	12/2/2023 10:05	12/2/2023 18:39	514	0
455629	12/2/2023 10:06	12/2/2023 18:39	513	0
455345	12/2/2023 10:06	12/2/2023 11:03	57	0
1552447	12/2/2023 10:07	12/2/2023 14:09	242	0
1553525	12/2/2023 10:07	12/2/2023 14:08	241	0

456099	12/2/2023 10:07	12/2/2023 11:05	58	0
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1516739	12/2/2023 10:09	12/2/2023 18:38	509	0
1463520	12/2/2023 10:09	12/2/2023 18:34	505	0
1433697	12/2/2023 10:09	12/2/2023 10:29	20	0
324249	12/2/2023 10:09	12/2/2023 18:38	509	0
664453	12/2/2023 10:10	12/3/2023 0:28	858	0
817260	12/2/2023 10:13	12/3/2023 0:28	855	0
1020565	12/2/2023 10:14	12/2/2023 18:36	502	0
1019446	12/2/2023 10:15	12/2/2023 18:25	490	0.08
7533405	12/2/2023 10:15	12/2/2023 18:49	514	0
1251782	12/2/2023 10:17	12/2/2023 18:46	509	0
274125	12/2/2023 10:18	12/2/2023 14:23	245	0
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800600	12/2/2023 10:36	12/2/2023 14:22	226	0
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1464178	12/2/2023 10:37	12/3/2023 9:00	1342	0
1555268	12/2/2023 10:37	12/2/2023 14:08	211	0
553755	12/2/2023 10:38	12/2/2023 18:40	482	0
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8206792	12/2/2023 10:53	12/2/2023 14:39	226	0
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1332906	12/2/2023 10:53	12/2/2023 18:34	461	0
1453263	12/2/2023 10:55	12/2/2023 18:42	467	0
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1493132	12/2/2023 12:01	12/2/2023 12:43	42	0
7937779	12/2/2023 12:01	12/2/2023 18:35	394	0
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454861	12/2/2023 12:03	12/2/2023 13:07	64	0
456099	12/2/2023 12:03	12/2/2023 13:07	64	0
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1526024	12/2/2023 12:43	12/2/2023 13:46	63	0
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317233	12/2/2023 14:26	12/2/2023 18:33	247	0
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1451744	12/2/2023 14:38	12/2/2023 18:40	242	0
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801004	12/2/2023 14:38	12/2/2023 18:40	242	0
274125	12/2/2023 14:38	12/2/2023 18:46	248	0
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197356	12/2/2023 14:38	12/2/2023 18:45	247	0
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196965	12/2/2023 14:38	12/2/2023 18:39	241	0
1320619	12/2/2023 14:38	12/2/2023 18:34	236	0
315306	12/2/2023 14:39	12/2/2023 18:40	241	0
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8206792	12/2/2023 14:39	12/2/2023 18:40	241	0
8668965	12/2/2023 14:39	12/2/2023 18:35	236	0
800590	12/2/2023 14:39	12/2/2023 18:35	236	0
507365	12/2/2023 14:40	12/2/2023 18:40	240	0
281235	12/2/2023 14:40	12/2/2023 18:46	246	0
1452193	12/2/2023 14:40	12/2/2023 18:36	236	0
316997	12/2/2023 14:40	12/3/2023 0:28	588	0
315345	12/2/2023 14:41	12/2/2023 18:38	237	0
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455345	12/2/2023 18:49	12/3/2023 9:00	850	0
7533405	12/2/2023 18:49	12/3/2023 9:00	850	0
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317084	12/2/2023 18:50	12/3/2023 9:00	849.8	0
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1463218	12/3/2023 0:28	12/3/2023 9:00	511	0
740241	12/3/2023 0:28	12/3/2023 9:00	511	0
1407632	12/3/2023 0:28	12/3/2023 9:00	511	0
954332	12/3/2023 0:28	12/3/2023 9:00	511	0
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1356945	12/3/2023 0:28	12/3/2023 8:52	504	0
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1548084	12/3/2023 9:06	12/3/2023 11:38	152	0
8668965	12/3/2023 9:07	12/3/2023 10:36	89	0
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1453263	12/3/2023 9:08	12/3/2023 10:53	105	0
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1553065	12/3/2023 9:53	12/3/2023 11:38	105	0

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740241	12/3/2023 12:36	12/4/2023 8:32	1196	0
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1549526	12/3/2023 12:37	12/4/2023 9:00	1222	0

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1550815	12/3/2023 12:41	12/3/2023 14:21	100	0
1553378	12/3/2023 12:41	12/4/2023 9:00	1218.4	0
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313269	12/3/2023 18:51	12/4/2023 9:00	848	0
313954	12/3/2023 18:51	12/4/2023 9:00	848	0
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1019446	12/4/2023 15:30	12/4/2023 15:46	16	0
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324249	12/4/2023 15:52	12/4/2023 18:35	163	0
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469018	12/4/2023 18:30	12/5/2023 9:00	869	0
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323657	12/4/2023 18:31	12/5/2023 9:00	868	0
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8068454	12/4/2023 18:53	12/5/2023 9:00	846	0
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1375642	12/4/2023 18:54	12/5/2023 9:00	845	0
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740241	12/5/2023 11:36	12/5/2023 11:53	17	0
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1493132	12/5/2023 11:45	12/5/2023 12:27	42	0

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304345	12/5/2023 12:00	12/6/2023 0:28	748	0
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1073623	12/5/2023 12:01	12/5/2023 18:45	404	0
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860281	12/5/2023 12:05	12/5/2023 13:50	105	0
675499	12/5/2023 12:07	12/6/2023 0:28	741	0
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8387677	12/5/2023 18:40	12/6/2023 9:00	859	0
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1433348	12/6/2023 7:54	12/6/2023 9:00	65	0
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1583853	12/6/2023 9:01	12/7/2023 9:00	1438	0
1433348	12/6/2023 9:07	12/6/2023 18:44	576.85	0
1444809	12/6/2023 9:08	12/6/2023 18:40	572	0.76
1453263	12/6/2023 9:08	12/6/2023 10:53	105	0
1350104	12/6/2023 9:08	12/6/2023 18:46	577.35	0
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51483	12/6/2023 9:16	12/6/2023 18:32	556	0
8950281	12/6/2023 9:16	12/6/2023 18:43	567	0
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323657	12/6/2023 9:22	12/6/2023 18:48	565.28	0
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8511623	12/6/2023 9:23	12/6/2023 11:39	136	0
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859747	12/6/2023 9:35	12/6/2023 11:36	120.9	0
860281	12/6/2023 9:37	12/6/2023 11:37	119.9	0
1551510	12/6/2023 9:37	12/6/2023 19:52	614.85	0
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317233	12/6/2023 9:38	12/6/2023 11:38	119.28	0
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315346	12/6/2023 9:42	12/6/2023 11:38	115.28	0
1551513	12/6/2023 9:42	12/6/2023 18:43	540.85	0
1393699	12/6/2023 9:44	12/6/2023 18:34	530	0.26
854579	12/6/2023 9:45	12/7/2023 9:00	1394	0
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1553065	12/6/2023 9:50	12/6/2023 18:40	530	0.46
740241	12/6/2023 9:51	12/6/2023 10:07	16	0
455345	12/6/2023 9:52	12/6/2023 10:18	26	0
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455629	12/6/2023 9:52	12/6/2023 14:22	270	0
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1524033	12/6/2023 9:55	12/6/2023 14:22	266.85	0.19
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1320008	12/6/2023 9:56	12/6/2023 18:36	519.35	0
25066	12/6/2023 9:56	12/6/2023 15:00	303.28	0
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808384	12/6/2023 9:58	12/6/2023 18:43	524.9	0
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817260	12/6/2023 9:59	12/6/2023 18:49	529.9	0.06
353371	12/6/2023 9:59	12/6/2023 10:15	16	0
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304845	12/6/2023 10:01	12/6/2023 18:51	530	0
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1251782	12/6/2023 10:03	12/6/2023 18:54	530.9	0
315169	12/6/2023 10:03	12/6/2023 10:19	16	0
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1555268	12/6/2023 10:06	12/6/2023 18:46	519.85	0
9063373	12/6/2023 10:06	12/6/2023 18:41	515	0
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195839	12/6/2023 10:06	12/6/2023 18:44	517.28	0
196408	12/6/2023 10:07	12/6/2023 18:41	514	0
740241	12/6/2023 10:07	12/6/2023 18:40	512.9	0
324290	12/6/2023 10:08	12/6/2023 18:35	507	0
8524544	12/6/2023 10:08	12/6/2023 11:37	89	0

8957908	12/6/2023 10:08	12/6/2023 18:37	509	0
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197690	12/6/2023 10:08	12/6/2023 18:44	515.28	0
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313269	12/6/2023 10:11	12/6/2023 18:53	521.28	0
1353016	12/6/2023 10:11	12/6/2023 18:45	514	0
346288	12/6/2023 10:12	12/6/2023 18:36	504	0
1354444	12/6/2023 10:12	12/7/2023 9:00	1367	0
346967	12/6/2023 10:13	12/6/2023 18:47	514	0.19
345647	12/6/2023 10:13	12/6/2023 18:47	513.28	0
664453	12/6/2023 10:14	12/6/2023 18:48	513.9	0.31
814970	12/6/2023 10:14	12/6/2023 18:50	515.9	0
1525793	12/6/2023 10:14	12/6/2023 18:43	509	0
6761269	12/6/2023 10:14	12/6/2023 18:38	503.28	0
353371	12/6/2023 10:15	12/6/2023 18:49	514	0.08
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1343695	12/6/2023 10:58	12/7/2023 9:00	1321	0
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267537	12/6/2023 11:05	12/6/2023 18:47	462	0
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627289	12/6/2023 11:52	12/6/2023 14:08	136	0
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8972545	12/6/2023 14:05	12/6/2023 16:05	120	0

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627289	12/6/2023 14:19	12/6/2023 14:34	15	0
455345	12/6/2023 14:19	12/6/2023 15:52	93	0
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507365	12/6/2023 14:21	12/6/2023 14:40	19	0
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627289	12/6/2023 14:34	12/6/2023 18:52	258	0

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315169	12/6/2023 14:36	12/6/2023 18:43	247	0
627018	12/6/2023 14:36	12/6/2023 18:37	241	0
8590289	12/6/2023 14:36	12/6/2023 18:38	242	0
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6761269	12/6/2023 18:38	12/7/2023 9:00	861.75	0
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8434548	12/6/2023 18:40	12/7/2023 9:00	859	0
1704232	12/6/2023 18:40	12/7/2023 9:00	859	0
1433697	12/6/2023 18:40	12/6/2023 18:40	0.23	0
511266	12/6/2023 18:40	12/7/2023 9:00	859	0
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1515733	12/6/2023 18:41	12/7/2023 9:00	858.4	0
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1309098	12/6/2023 18:41	12/7/2023 9:00	858.68	0
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196965	12/6/2023 18:41	12/7/2023 9:00	858	0
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1547686	12/6/2023 18:42	12/7/2023 9:00	857.4	0
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1414215	12/6/2023 18:42	12/7/2023 9:00	857.68	0
1433697	12/6/2023 18:42	12/6/2023 18:43	0.77	0
626477	12/6/2023 18:42	12/7/2023 9:00	857	0
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1433697	12/6/2023 18:43	12/6/2023 18:43	0.23	0
8387677	12/6/2023 18:43	12/7/2023 9:00	856	0
1551513	12/6/2023 18:43	12/7/2023 9:00	856.18	0
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315169	12/6/2023 18:43	12/7/2023 9:00	856.8	0
1433697	12/6/2023 18:43	12/6/2023 18:44	0.77	0
315346	12/6/2023 18:43	12/7/2023 9:00	856.75	0
1417138	12/6/2023 18:43	12/7/2023 9:00	856.68	0
328113	12/6/2023 18:43	12/7/2023 9:00	856	0
8950281	12/6/2023 18:43	12/7/2023 9:00	856	0
1525793	12/6/2023 18:43	12/7/2023 9:00	856	0
1549376	12/6/2023 18:44	12/7/2023 9:00	855.18	0
342796	12/6/2023 18:44	12/7/2023 9:00	855.8	0
800590	12/6/2023 18:44	12/7/2023 9:00	855.13	0
304345	12/6/2023 18:44	12/7/2023 9:00	855.75	0
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1430553	12/6/2023 18:44	12/7/2023 9:00	855.18	0
481198	12/6/2023 18:44	12/7/2023 9:00	855	0
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314945	12/6/2023 18:44	12/7/2023 9:00	855.8	0
303510	12/6/2023 18:44	12/7/2023 9:00	855.75	0
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317797	12/6/2023 18:44	12/7/2023 9:00	855.8	0
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275018	12/6/2023 18:44	12/7/2023 9:00	855.75	0
195839	12/6/2023 18:44	12/7/2023 9:00	855.75	0
1405290	12/6/2023 18:44	12/7/2023 9:00	855.43	0
1378128	12/6/2023 18:44	12/7/2023 9:00	855.68	0
314188	12/6/2023 18:44	12/7/2023 9:00	855.8	0
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1672454	12/6/2023 18:45	12/7/2023 9:00	854	0
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25066	12/6/2023 18:51	12/7/2023 9:00	848.75	0
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324045	12/6/2023 18:52	12/7/2023 9:00	847.75	0
1433697	12/6/2023 18:52	12/6/2023 18:53	0.77	0
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56060	12/6/2023 18:56	12/7/2023 9:00	843.8	0
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1433697	12/6/2023 18:57	12/6/2023 18:58	0.77	0
1433697	12/6/2023 18:57	12/6/2023 18:57	0.23	0
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1433697	12/6/2023 18:59	12/6/2023 19:00	0.77	0
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1433697	12/6/2023 19:37	12/6/2023 19:38	0.77	0
1081237	12/6/2023 19:37	12/6/2023 19:38	0.77	0
1433697	12/6/2023 19:38	12/6/2023 19:39	0.77	0
1081237	12/6/2023 19:38	12/6/2023 19:39	0.77	0
1081237	12/6/2023 19:38	12/6/2023 19:38	0.23	0
1433697	12/6/2023 19:38	12/6/2023 19:38	0.23	0
449377	12/6/2023 19:38	12/6/2023 20:36	58	0
1081237	12/6/2023 19:39	12/6/2023 19:40	0.77	0
1081237	12/6/2023 19:39	12/6/2023 19:39	0.23	0
1433697	12/6/2023 19:39	12/6/2023 19:39	0.23	0
1433697	12/6/2023 19:39	12/6/2023 19:40	0.77	0
1081237	12/6/2023 19:40	12/6/2023 19:40	0.23	0
1433697	12/6/2023 19:40	12/6/2023 19:40	0.23	0

1433697	12/6/2023 19:40	12/6/2023 19:41	0.77	0
1081237	12/6/2023 19:40	12/6/2023 19:41	0.77	0
1081237	12/6/2023 19:41	12/6/2023 19:41	0.23	0
1433697	12/6/2023 19:41	12/6/2023 19:42	0.77	0
1433697	12/6/2023 19:41	12/6/2023 19:41	0.23	0
1081237	12/6/2023 19:41	12/6/2023 19:42	0.77	0
1433697	12/6/2023 19:42	12/6/2023 19:42	0.23	0
1081237	12/6/2023 19:42	12/6/2023 19:42	0.23	0
1433697	12/6/2023 19:42	12/6/2023 19:43	0.77	0
1081237	12/6/2023 19:42	12/6/2023 19:43	0.77	0
1433697	12/6/2023 19:43	12/6/2023 19:44	0.77	0
1433697	12/6/2023 19:43	12/6/2023 19:43	0.23	0
1081237	12/6/2023 19:43	12/6/2023 19:43	0.23	0
1081237	12/6/2023 19:43	12/6/2023 19:44	0.77	0
1081237	12/6/2023 19:44	12/6/2023 19:45	0.77	0
1081237	12/6/2023 19:44	12/6/2023 19:44	0.23	0
1433697	12/6/2023 19:44	12/6/2023 19:45	0.77	0
1433697	12/6/2023 19:44	12/6/2023 19:44	0.23	0
1081237	12/6/2023 19:45	12/6/2023 19:45	0.23	0
1433697	12/6/2023 19:45	12/6/2023 19:45	0.23	0
1081237	12/6/2023 19:45	12/6/2023 19:46	0.77	0
1433697	12/6/2023 19:45	12/6/2023 19:46	0.77	0
1081237	12/6/2023 19:46	12/6/2023 19:47	0.77	0
1081237	12/6/2023 19:46	12/6/2023 19:46	0.23	0
1433697	12/6/2023 19:46	12/6/2023 19:46	0.23	0
1433697	12/6/2023 19:46	12/6/2023 19:47	0.77	0
1433697	12/6/2023 19:47	12/6/2023 19:47	0.23	0
1433697	12/6/2023 19:47	12/6/2023 19:48	0.77	0
1081237	12/6/2023 19:47	12/6/2023 19:48	0.77	0
1081237	12/6/2023 19:47	12/6/2023 19:47	0.23	0
1433697	12/6/2023 19:48	12/6/2023 19:49	0.77	0
1081237	12/6/2023 19:48	12/6/2023 19:49	0.77	0
1433697	12/6/2023 19:48	12/6/2023 19:48	0.23	0
1081237	12/6/2023 19:48	12/6/2023 19:48	0.23	0
1081237	12/6/2023 19:49	12/6/2023 19:50	0.77	0
1433697	12/6/2023 19:49	12/6/2023 19:49	0.23	0
1433697	12/6/2023 19:49	12/6/2023 19:50	0.77	0
1081237	12/6/2023 19:49	12/6/2023 19:49	0.23	0
1433697	12/6/2023 19:50	12/6/2023 19:51	0.77	0
1081237	12/6/2023 19:50	12/6/2023 19:51	0.77	0
1081237	12/6/2023 19:50	12/6/2023 19:50	0.23	0
1433697	12/6/2023 19:50	12/6/2023 19:50	0.23	0
1433697	12/6/2023 19:51	12/6/2023 19:51	0.23	0
1433697	12/6/2023 19:51	12/6/2023 19:52	0.77	0
1081237	12/6/2023 19:51	12/6/2023 19:52	0.77	0
1081237	12/6/2023 19:51	12/6/2023 19:51	0.23	0
1433697	12/6/2023 19:52	12/6/2023 19:52	0.23	0

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1081237	12/6/2023 19:52	12/6/2023 19:53	0.77	0
1433697	12/6/2023 19:52	12/6/2023 19:53	0.77	0
1551510	12/6/2023 19:52	12/7/2023 9:00	787.18	0
1433697	12/6/2023 19:53	12/6/2023 19:53	0.23	0
1433697	12/6/2023 19:53	12/6/2023 19:54	0.77	0
1081237	12/6/2023 19:53	12/6/2023 19:53	0.23	0
1081237	12/6/2023 19:53	12/6/2023 19:54	0.77	0
1433697	12/6/2023 19:54	12/6/2023 19:54	0.23	0
1081237	12/6/2023 19:54	12/6/2023 19:54	0.23	0
1081237	12/6/2023 19:54	12/6/2023 19:55	0.77	0
1433697	12/6/2023 19:54	12/6/2023 19:55	0.77	0
1081237	12/6/2023 19:55	12/6/2023 19:56	0.77	0
1433697	12/6/2023 19:55	12/6/2023 19:55	0.23	0
1433697	12/6/2023 19:55	12/6/2023 19:56	0.77	0
1081237	12/6/2023 19:55	12/6/2023 19:55	0.23	0
1433697	12/6/2023 19:56	12/6/2023 19:56	0.23	0
1081237	12/6/2023 19:56	12/6/2023 19:57	0.77	0
1433697	12/6/2023 19:56	12/6/2023 19:57	0.77	0
1081237	12/6/2023 19:56	12/6/2023 19:56	0.23	0
1433697	12/6/2023 19:57	12/6/2023 19:57	0.23	0
1081237	12/6/2023 19:57	12/6/2023 19:57	0.23	0
1081237	12/6/2023 19:57	12/6/2023 19:58	0.77	0
1433697	12/6/2023 19:57	12/6/2023 19:58	0.77	0
1081237	12/6/2023 19:58	12/6/2023 19:59	0.77	0
1433697	12/6/2023 19:58	12/6/2023 19:59	0.77	0
1081237	12/6/2023 19:58	12/6/2023 19:58	0.23	0
1433697	12/6/2023 19:58	12/6/2023 19:58	0.23	0
1081237	12/6/2023 19:59	12/6/2023 20:00	0.77	0
1433697	12/6/2023 19:59	12/6/2023 19:59	0.23	0
1081237	12/6/2023 19:59	12/6/2023 19:59	0.23	0
1433697	12/6/2023 19:59	12/6/2023 20:00	0.77	0
1081237	12/6/2023 20:00	12/6/2023 20:00	0.23	0
1433697	12/6/2023 20:00	12/6/2023 20:00	0.23	0
1081237	12/6/2023 20:00	12/6/2023 20:01	0.77	0
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1081237	12/6/2023 20:01	12/6/2023 20:01	0.23	0
1433697	12/6/2023 20:01	12/6/2023 20:02	0.77	0
1433697	12/6/2023 20:01	12/6/2023 20:01	0.23	0
1081237	12/6/2023 20:01	12/6/2023 20:02	0.77	0
1433697	12/6/2023 20:02	12/6/2023 20:03	0.77	0
1081237	12/6/2023 20:02	12/6/2023 20:03	0.77	0
1433697	12/6/2023 20:02	12/6/2023 20:02	0.23	0
1081237	12/6/2023 20:02	12/6/2023 20:02	0.23	0
1081237	12/6/2023 20:03	12/6/2023 20:03	0.23	0
1433697	12/6/2023 20:03	12/6/2023 20:03	0.23	0
1081237	12/6/2023 20:03	12/6/2023 20:04	0.77	0

1433697	12/6/2023 20:03	12/6/2023 20:04	0.77	0
1081237	12/6/2023 20:04	12/6/2023 20:05	0.77	0
1433697	12/6/2023 20:04	12/6/2023 20:05	0.77	0
1433697	12/6/2023 20:04	12/6/2023 20:04	0.23	0
1081237	12/6/2023 20:04	12/6/2023 20:04	0.23	0
304785	12/6/2023 20:05	12/7/2023 9:00	774.8	0
1433697	12/6/2023 20:05	12/6/2023 20:05	0.23	0
1081237	12/6/2023 20:05	12/6/2023 20:06	0.77	0
1433697	12/6/2023 20:05	12/6/2023 20:06	0.77	0
1081237	12/6/2023 20:05	12/6/2023 20:05	0.23	0
1081237	12/6/2023 20:06	12/6/2023 20:06	0.23	0
1433697	12/6/2023 20:06	12/6/2023 20:07	0.77	0
1081237	12/6/2023 20:06	12/6/2023 20:07	0.77	0
1433697	12/6/2023 20:06	12/6/2023 20:06	0.23	0
1433697	12/6/2023 20:07	12/6/2023 20:08	0.77	0
1433697	12/6/2023 20:07	12/6/2023 20:07	0.23	0
1081237	12/6/2023 20:07	12/6/2023 20:08	0.77	0
1081237	12/6/2023 20:07	12/6/2023 20:07	0.23	0
1081237	12/6/2023 20:08	12/6/2023 20:08	0.23	0
1433697	12/6/2023 20:08	12/6/2023 20:09	0.77	0
1081237	12/6/2023 20:08	12/6/2023 20:09	0.77	0
1433697	12/6/2023 20:08	12/6/2023 20:08	0.23	0
1081237	12/6/2023 20:09	12/6/2023 20:10	0.77	0
569420	12/6/2023 20:09	12/7/2023 9:00	770	0
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1433697	12/6/2023 20:09	12/6/2023 20:10	0.77	0
1433697	12/6/2023 20:09	12/6/2023 20:09	0.23	0
1433697	12/6/2023 20:10	12/6/2023 20:11	0.77	0
1081237	12/6/2023 20:10	12/6/2023 20:11	0.77	0
1081237	12/6/2023 20:10	12/6/2023 20:10	0.23	0
1433697	12/6/2023 20:10	12/6/2023 20:10	0.23	0
1081237	12/6/2023 20:11	12/6/2023 20:12	0.77	0
1081237	12/6/2023 20:11	12/6/2023 20:11	0.23	0
1433697	12/6/2023 20:11	12/6/2023 20:12	0.77	0
1433697	12/6/2023 20:11	12/6/2023 20:11	0.23	0
1081237	12/6/2023 20:12	12/6/2023 20:13	0.77	0
1081237	12/6/2023 20:12	12/6/2023 20:12	0.23	0
1433697	12/6/2023 20:12	12/6/2023 20:12	0.23	0
1433697	12/6/2023 20:12	12/6/2023 20:13	0.77	0
1433697	12/6/2023 20:13	12/6/2023 20:13	0.23	0
1081237	12/6/2023 20:13	12/6/2023 20:13	0.23	0
1433697	12/6/2023 20:13	12/6/2023 20:14	0.77	0
1081237	12/6/2023 20:13	12/6/2023 20:14	0.77	0
1433697	12/6/2023 20:14	12/6/2023 20:14	0.23	0
1433697	12/6/2023 20:14	12/6/2023 20:15	0.77	0
1081237	12/6/2023 20:14	12/6/2023 20:14	0.23	0
1081237	12/6/2023 20:14	12/6/2023 20:15	0.77	0

1081237	12/6/2023 20:15	12/6/2023 20:16	0.77	0
1433697	12/6/2023 20:15	12/6/2023 20:16	0.77	0
1433697	12/6/2023 20:15	12/6/2023 20:15	0.23	0
1081237	12/6/2023 20:15	12/6/2023 20:15	0.23	0
1081237	12/6/2023 20:16	12/6/2023 20:29	13.23	0
1433697	12/6/2023 20:16	12/6/2023 20:16	0.23	0
1433697	12/6/2023 20:16	12/6/2023 20:17	0.77	0
1433697	12/6/2023 20:17	12/6/2023 20:17	0.23	0
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174815	12/6/2023 20:24	12/7/2023 9:00	755.75	0
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1433697	12/6/2023 20:30	12/6/2023 20:31	0.77	0
1433697	12/6/2023 20:30	12/6/2023 20:30	0.23	0
1081237	12/6/2023 20:30	12/6/2023 20:31	0.77	0
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1081237	12/6/2023 20:31	12/6/2023 20:31	0.23	0
1081237	12/6/2023 20:31	12/6/2023 20:32	0.77	0
1433697	12/6/2023 20:31	12/6/2023 20:32	0.77	0
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1433697	12/6/2023 20:32	12/6/2023 20:33	0.77	0
1081237	12/6/2023 20:32	12/6/2023 20:33	0.77	0
1081237	12/6/2023 20:32	12/6/2023 20:32	0.23	0
1081237	12/6/2023 20:33	12/6/2023 20:33	0.23	0
1081237	12/6/2023 20:33	12/6/2023 20:34	0.77	0
1433697	12/6/2023 20:33	12/6/2023 20:33	0.23	0
1433697	12/6/2023 20:33	12/6/2023 20:34	0.77	0
1081237	12/6/2023 20:34	12/6/2023 20:34	0.23	0
1433697	12/6/2023 20:34	12/6/2023 20:35	0.77	0
1433697	12/6/2023 20:34	12/6/2023 20:34	0.23	0
1081237	12/6/2023 20:34	12/6/2023 20:35	0.77	0
1081237	12/6/2023 20:35	12/6/2023 20:35	0.23	0
1081237	12/6/2023 20:35	12/6/2023 20:36	0.77	0
1433697	12/6/2023 20:35	12/6/2023 20:35	0.23	0
1433697	12/6/2023 20:35	12/6/2023 20:36	0.77	0
1081237	12/6/2023 20:36	12/6/2023 20:37	0.77	0
449377	12/6/2023 20:36	12/6/2023 20:57	21	0
1433697	12/6/2023 20:36	12/6/2023 20:37	0.77	0
1081237	12/6/2023 20:36	12/6/2023 20:36	0.23	0
1433697	12/6/2023 20:36	12/6/2023 20:36	0.23	0
1081237	12/6/2023 20:37	12/6/2023 20:38	0.77	0
1081237	12/6/2023 20:37	12/6/2023 20:37	0.23	0
1433697	12/6/2023 20:37	12/6/2023 20:38	0.77	0
1433697	12/6/2023 20:37	12/6/2023 20:37	0.23	0
1433697	12/6/2023 20:38	12/6/2023 20:39	0.77	0

1081237	12/6/2023 20:38	12/6/2023 20:39	0.77	0
1081237	12/6/2023 20:38	12/6/2023 20:38	0.23	0
1433697	12/6/2023 20:38	12/6/2023 20:38	0.23	0
1433697	12/6/2023 20:39	12/6/2023 20:40	0.77	0
1081237	12/6/2023 20:39	12/6/2023 20:40	0.77	0
1433697	12/6/2023 20:39	12/6/2023 20:39	0.23	0
1081237	12/6/2023 20:39	12/6/2023 20:39	0.23	0
1433697	12/6/2023 20:40	12/6/2023 20:41	0.77	0
1081237	12/6/2023 20:40	12/6/2023 20:40	0.23	0
1081237	12/6/2023 20:40	12/6/2023 20:41	0.77	0
1433697	12/6/2023 20:40	12/6/2023 20:40	0.23	0
1433697	12/6/2023 20:41	12/6/2023 20:42	0.77	0
1081237	12/6/2023 20:41	12/6/2023 20:42	0.77	0
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1081237	12/6/2023 20:41	12/6/2023 20:41	0.23	0
1433697	12/6/2023 20:42	12/6/2023 20:43	0.77	0
1433697	12/6/2023 20:42	12/6/2023 20:42	0.23	0
1081237	12/6/2023 20:42	12/6/2023 20:43	0.77	0
1081237	12/6/2023 20:42	12/6/2023 20:42	0.23	0
1081237	12/6/2023 20:43	12/6/2023 20:43	0.23	0
1081237	12/6/2023 20:43	12/6/2023 20:44	0.77	0
1433697	12/6/2023 20:43	12/6/2023 20:44	0.77	0
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1081237	12/6/2023 20:44	12/6/2023 20:45	0.77	0
1433697	12/6/2023 20:44	12/6/2023 20:44	0.23	0
1433697	12/6/2023 20:44	12/6/2023 20:45	0.77	0
1081237	12/6/2023 20:44	12/6/2023 20:44	0.23	0
1081237	12/6/2023 20:45	12/6/2023 20:45	0.23	0
1081237	12/6/2023 20:45	12/6/2023 20:46	0.77	0
1433697	12/6/2023 20:45	12/6/2023 20:45	0.23	0
1433697	12/6/2023 20:45	12/6/2023 20:46	0.77	0
1433697	12/6/2023 20:46	12/6/2023 20:47	0.77	0
1081237	12/6/2023 20:46	12/6/2023 20:46	0.23	0
1081237	12/6/2023 20:46	12/6/2023 20:47	0.77	0
1433697	12/6/2023 20:46	12/6/2023 20:46	0.23	0
1433697	12/6/2023 20:47	12/6/2023 20:47	0.23	0
1081237	12/6/2023 20:47	12/6/2023 20:47	0.23	0
1433697	12/6/2023 20:47	12/6/2023 20:48	0.77	0
1081237	12/6/2023 20:47	12/6/2023 20:48	0.77	0
1433697	12/6/2023 20:48	12/6/2023 20:48	0.23	0
1433697	12/6/2023 20:48	12/6/2023 20:49	0.77	0
1081237	12/6/2023 20:48	12/6/2023 20:48	0.23	0
1081237	12/6/2023 20:48	12/6/2023 20:49	0.77	0
1433697	12/6/2023 20:49	12/6/2023 20:50	0.77	0
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1081237	12/6/2023 20:49	12/6/2023 20:50	0.77	0
1433697	12/6/2023 20:49	12/6/2023 20:49	0.23	0

1433697	12/6/2023 20:50	12/6/2023 20:50	0.23	0
1081237	12/6/2023 20:50	12/6/2023 20:50	0.23	0
1081237	12/6/2023 20:50	12/6/2023 20:51	0.77	0
1433697	12/6/2023 20:50	12/6/2023 20:51	0.77	0
1433697	12/6/2023 20:51	12/6/2023 20:52	0.77	0
1081237	12/6/2023 20:51	12/6/2023 20:51	0.23	0
1433697	12/6/2023 20:51	12/6/2023 20:51	0.23	0
1081237	12/6/2023 20:51	12/6/2023 20:52	0.77	0
1433697	12/6/2023 20:52	12/6/2023 20:53	0.77	0
1081237	12/6/2023 20:52	12/6/2023 20:53	0.77	0
1081237	12/6/2023 20:52	12/6/2023 20:52	0.23	0
1433697	12/6/2023 20:52	12/6/2023 20:52	0.23	0
1081237	12/6/2023 20:53	12/6/2023 20:54	0.77	0
1433697	12/6/2023 20:53	12/6/2023 20:54	0.77	0
1433697	12/6/2023 20:53	12/6/2023 20:53	0.23	0
1081237	12/6/2023 20:53	12/6/2023 20:53	0.23	0
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1433697	12/6/2023 20:54	12/6/2023 20:55	0.77	0
1433697	12/6/2023 20:54	12/6/2023 20:54	0.23	0
1433697	12/6/2023 20:55	12/6/2023 20:56	0.77	0
1081237	12/6/2023 20:55	12/6/2023 20:55	0.23	0
1433697	12/6/2023 20:55	12/6/2023 20:55	0.23	0
1081237	12/6/2023 20:55	12/6/2023 20:56	0.77	0
1081237	12/6/2023 20:56	12/6/2023 20:56	0.23	0
1433697	12/6/2023 20:56	12/6/2023 20:57	0.77	0
1433697	12/6/2023 20:56	12/6/2023 20:56	0.23	0
1081237	12/6/2023 20:56	12/6/2023 20:57	0.77	0
1081237	12/6/2023 20:57	12/6/2023 20:58	0.77	0
449377	12/6/2023 20:57	12/6/2023 21:28	31	0
1433697	12/6/2023 20:57	12/6/2023 20:57	0.23	0
1433697	12/6/2023 20:57	12/6/2023 20:58	0.77	0
1081237	12/6/2023 20:57	12/6/2023 20:57	0.23	0
1433697	12/6/2023 20:58	12/6/2023 20:59	0.77	0
1081237	12/6/2023 20:58	12/6/2023 20:58	0.23	0
1081237	12/6/2023 20:58	12/6/2023 20:59	0.77	0
1433697	12/6/2023 20:58	12/6/2023 20:58	0.23	0
1081237	12/6/2023 20:59	12/6/2023 20:59	0.23	0
1081237	12/6/2023 20:59	12/6/2023 21:00	0.77	0
1433697	12/6/2023 20:59	12/6/2023 21:00	0.77	0
1433697	12/6/2023 20:59	12/6/2023 20:59	0.23	0
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1433697	12/6/2023 21:00	12/6/2023 21:01	0.77	0
1433697	12/6/2023 21:00	12/6/2023 21:00	0.23	0
1081237	12/6/2023 21:00	12/6/2023 21:00	0.23	0
1081237	12/6/2023 21:01	12/6/2023 21:02	0.77	0
1433697	12/6/2023 21:01	12/6/2023 21:01	0.23	0

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1433697	12/6/2023 21:07	12/6/2023 21:08	0.77	0
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1433697	12/6/2023 21:08	12/6/2023 21:08	0.23	0
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1433697	12/6/2023 21:10	12/6/2023 21:10	0.23	0
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1081237	12/6/2023 21:11	12/6/2023 21:11	0.23	0
1433697	12/6/2023 21:11	12/6/2023 21:11	0.23	0
1081237	12/6/2023 21:11	12/6/2023 21:12	0.77	0
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1433697	12/6/2023 21:12	12/6/2023 21:13	0.77	0
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1433697	12/6/2023 21:13	12/6/2023 21:13	0.23	0

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1433697	12/6/2023 21:18	12/7/2023 9:00	701.43	0
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1573666	12/6/2023 22:01	12/7/2023 9:00	658.18	0
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1081237	12/6/2023 22:06	12/6/2023 22:07	0.77	0

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449377	12/6/2023 22:47	12/6/2023 23:29	42	0
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1081237	12/6/2023 22:59	12/6/2023 23:00	0.77	0
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1081237	12/6/2023 23:00	12/6/2023 23:00	0.23	0
1081237	12/6/2023 23:00	12/6/2023 23:01	0.77	0
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1081237	12/6/2023 23:02	12/6/2023 23:03	0.77	0
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314945	12/7/2023 9:58	12/7/2023 18:43	525	0
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1351539	12/7/2023 9:59	12/7/2023 11:44	105	0
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51483	12/7/2023 10:01	12/7/2023 18:42	520.28	0
1433697	12/7/2023 10:01	12/7/2023 10:02	0.77	0
1433697	12/7/2023 10:01	12/7/2023 10:01	0.23	0
1553245	12/7/2023 10:01	12/7/2023 17:59	478	0
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1550318	12/7/2023 10:02	12/7/2023 18:16	494	0
1433697	12/7/2023 10:03	12/7/2023 10:04	0.77	0
8950281	12/7/2023 10:03	12/7/2023 18:43	519.28	0
1433697	12/7/2023 10:03	12/7/2023 10:03	0.23	0
1433697	12/7/2023 10:04	12/7/2023 10:04	0.23	0
1433697	12/7/2023 10:04	12/7/2023 10:05	0.77	0
1433697	12/7/2023 10:05	12/7/2023 10:05	0.23	0
197690	12/7/2023 10:05	12/7/2023 18:15	490	0
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1502969	12/7/2023 10:05	12/7/2023 10:36	31	0
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197629	12/7/2023 10:06	12/7/2023 18:51	525	0
195839	12/7/2023 10:06	12/7/2023 18:20	494	0
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8148103	12/7/2023 10:07	12/7/2023 17:44	456.28	0
8972545	12/7/2023 10:07	12/7/2023 18:26	499	0
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1433697	12/7/2023 10:10	12/7/2023 10:11	0.77	0

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346288	12/7/2023 10:10	12/7/2023 18:25	494.28	0
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1433697	12/7/2023 10:11	12/7/2023 10:11	0.23	0
1320008	12/7/2023 10:11	12/7/2023 18:30	499	0
345647	12/7/2023 10:11	12/7/2023 18:51	519.28	0
316997	12/7/2023 10:11	12/7/2023 18:40	509	0
1433697	12/7/2023 10:12	12/7/2023 10:13	0.77	0
1433697	12/7/2023 10:12	12/7/2023 10:12	0.23	0
160073	12/7/2023 10:12	12/7/2023 17:54	462	0
353651	12/7/2023 10:12	12/7/2023 18:37	505	0
6761269	12/7/2023 10:13	12/7/2023 18:26	493	0
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353728	12/7/2023 10:16	12/7/2023 19:22	546	0
956968	12/7/2023 10:17	12/7/2023 18:30	493	0
1433697	12/7/2023 10:17	12/7/2023 10:18	0.77	0
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1430838	12/7/2023 10:18	12/7/2023 18:32	494	0
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1433697	12/7/2023 10:19	12/7/2023 10:20	0.77	0
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860281	12/7/2023 10:22	12/7/2023 11:51	89	0
1433697	12/7/2023 10:22	12/7/2023 10:23	0.77	0
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197561	12/7/2023 10:23	12/7/2023 19:31	548	0
1433697	12/7/2023 10:23	12/7/2023 10:24	0.77	0
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664453	12/7/2023 10:23	12/7/2023 18:31	488	0
1433697	12/7/2023 10:24	12/7/2023 10:24	0.23	0
1433697	12/7/2023 10:24	12/7/2023 10:25	0.77	0
8524544	12/7/2023 10:24	12/7/2023 18:39	494.28	0
29635	12/7/2023 10:25	12/7/2023 18:49	504	0
1516739	12/7/2023 10:25	12/7/2023 14:11	226	0
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1515733	12/7/2023 10:26	12/7/2023 14:06	220	0
954332	12/7/2023 10:27	12/7/2023 18:24	477	0
955448	12/7/2023 10:28	12/7/2023 18:26	478	0
954637	12/7/2023 10:28	12/7/2023 18:31	483	0
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1433697	12/7/2023 10:29	12/7/2023 10:30	0.77	0
304295	12/7/2023 10:30	12/7/2023 18:49	499	0
1433697	12/7/2023 10:30	12/7/2023 10:30	0.23	0
1433697	12/7/2023 10:30	12/7/2023 10:31	0.77	0
1430294	12/7/2023 10:31	12/7/2023 18:23	472	0
1433697	12/7/2023 10:31	12/7/2023 10:31	0.23	0
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1433697	12/7/2023 10:32	12/7/2023 10:32	0.23	0
972377	12/7/2023 10:32	12/7/2023 17:58	446	0
1433697	12/7/2023 10:32	12/7/2023 10:33	0.77	0
455629	12/7/2023 10:33	12/7/2023 11:20	47	0
457978	12/7/2023 10:33	12/7/2023 11:22	49	0
1433697	12/7/2023 10:33	12/7/2023 10:34	0.77	0
814970	12/7/2023 10:33	12/7/2023 11:36	63	0
1433697	12/7/2023 10:33	12/7/2023 10:33	0.23	0
315169	12/7/2023 10:33	12/7/2023 18:36	483	0
1433697	12/7/2023 10:34	12/7/2023 10:35	0.77	0
469018	12/7/2023 10:34	12/7/2023 15:17	283	0
1433697	12/7/2023 10:34	12/7/2023 10:34	0.23	0
314188	12/7/2023 10:34	12/7/2023 18:32	478	0
454861	12/7/2023 10:34	12/7/2023 11:21	47	0
456099	12/7/2023 10:35	12/7/2023 11:22	47	0
1433697	12/7/2023 10:35	12/7/2023 10:35	0.23	0
315730	12/7/2023 10:35	12/7/2023 18:44	489	0
1433697	12/7/2023 10:35	12/7/2023 10:36	0.77	0
7902724	12/7/2023 10:35	12/7/2023 18:48	493	0
455345	12/7/2023 10:36	12/7/2023 11:22	46	0
1502969	12/7/2023 10:36	12/7/2023 18:03	447	0

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8668965	12/7/2023 10:36	12/7/2023 14:06	210	0
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10659831	12/7/2023 10:37	12/7/2023 18:34	477	0
454901	12/7/2023 10:37	12/7/2023 18:31	474	0
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1433697	12/7/2023 10:37	12/7/2023 10:38	0.77	0
281332	12/7/2023 10:38	12/8/2023 9:00	1341.75	0
995564	12/7/2023 10:38	12/7/2023 18:23	465	0
1433697	12/7/2023 10:38	12/7/2023 10:39	0.77	0
800590	12/7/2023 10:38	12/7/2023 18:30	472	0
1433697	12/7/2023 10:38	12/7/2023 10:38	0.23	0
1433697	12/7/2023 10:39	12/7/2023 10:40	0.77	0
1433697	12/7/2023 10:39	12/7/2023 10:39	0.23	0
1433697	12/7/2023 10:40	12/7/2023 10:40	0.23	0
7879030	12/7/2023 10:40	12/7/2023 18:34	473.13	0
801004	12/7/2023 10:40	12/7/2023 18:42	482	0
1433697	12/7/2023 10:40	12/7/2023 10:41	0.77	0
1433697	12/7/2023 10:41	12/7/2023 10:41	0.23	0
800600	12/7/2023 10:41	12/7/2023 18:28	467	0
800588	12/7/2023 10:41	12/7/2023 18:34	473	0
1433697	12/7/2023 10:41	12/7/2023 10:42	0.77	0
553755	12/7/2023 10:41	12/7/2023 18:28	467	0
6995795	12/7/2023 10:42	12/7/2023 18:38	475.13	0
1433697	12/7/2023 10:42	12/7/2023 10:42	0.23	0
1433697	12/7/2023 10:42	12/7/2023 10:43	0.77	0
380057	12/7/2023 10:42	12/7/2023 18:46	483.13	0
1433697	12/7/2023 10:43	12/7/2023 10:43	0.23	0
381982	12/7/2023 10:43	12/7/2023 18:42	479	0
1493132	12/7/2023 10:43	12/7/2023 17:48	425	0
1433697	12/7/2023 10:43	12/7/2023 10:44	0.77	0
1565203	12/7/2023 10:44	12/7/2023 18:20	456	0
8910809	12/7/2023 10:44	12/7/2023 18:27	462.13	0
1433697	12/7/2023 10:44	12/7/2023 10:45	0.77	0
1433697	12/7/2023 10:44	12/7/2023 10:44	0.23	0
1377926	12/7/2023 10:45	12/8/2023 0:28	823	0
1433697	12/7/2023 10:45	12/7/2023 10:46	0.77	0
1433697	12/7/2023 10:45	12/7/2023 10:45	0.23	0
1433697	12/7/2023 10:46	12/7/2023 10:47	0.77	0
1433697	12/7/2023 10:46	12/7/2023 10:46	0.23	0
583848	12/7/2023 10:46	12/7/2023 18:34	467.13	0
1525793	12/7/2023 10:46	12/7/2023 11:17	31	0
1375227	12/7/2023 10:46	12/7/2023 17:47	421	0
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1433697	12/7/2023 10:47	12/7/2023 10:48	0.77	0

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281235	12/7/2023 10:49	12/7/2023 18:52	483	0
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457729	12/7/2023 10:50	12/7/2023 11:22	32	0
1433697	12/7/2023 10:50	12/7/2023 10:51	0.77	0
7178975	12/7/2023 10:50	12/7/2023 18:44	474	0
1433697	12/7/2023 10:50	12/7/2023 10:50	0.23	0
1433697	12/7/2023 10:51	12/7/2023 10:52	0.77	0
1433697	12/7/2023 10:51	12/7/2023 10:51	0.23	0
1433697	12/7/2023 10:52	12/7/2023 10:52	0.23	0
605186	12/7/2023 10:52	12/7/2023 14:22	210	0
1433697	12/7/2023 10:52	12/7/2023 10:53	0.77	0
1433697	12/7/2023 10:53	12/7/2023 10:53	0.23	0
1433697	12/7/2023 10:53	12/7/2023 10:54	0.77	0
1431752	12/7/2023 10:54	12/7/2023 18:23	448.85	0
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1433697	12/7/2023 10:54	12/7/2023 10:55	0.77	0
1433697	12/7/2023 10:55	12/7/2023 10:56	0.77	0
1332906	12/7/2023 10:55	12/7/2023 18:31	456	0
1433697	12/7/2023 10:55	12/7/2023 10:55	0.23	0
658177	12/7/2023 10:56	12/7/2023 18:27	451	0
1433697	12/7/2023 10:56	12/7/2023 10:57	0.77	0
1433697	12/7/2023 10:56	12/7/2023 10:56	0.23	0
552210	12/7/2023 10:56	12/7/2023 18:06	430	0
125572	12/7/2023 10:56	12/7/2023 18:50	474	0
1433697	12/7/2023 10:57	12/7/2023 10:57	0.23	0
1406535	12/7/2023 10:57	12/7/2023 15:30	273	0
417158	12/7/2023 10:57	12/7/2023 18:23	446	0
1433697	12/7/2023 10:57	12/7/2023 10:58	0.77	0
1433697	12/7/2023 10:58	12/7/2023 10:58	0.23	0
1433697	12/7/2023 10:58	12/7/2023 10:59	0.77	0
1433697	12/7/2023 10:59	12/7/2023 10:59	0.23	0
1433697	12/7/2023 10:59	12/7/2023 11:00	0.77	0
1433697	12/7/2023 11:00	12/7/2023 11:00	0.23	0
1378273	12/7/2023 11:00	12/7/2023 18:05	425	0
1433697	12/7/2023 11:00	12/7/2023 11:01	0.77	0
1405290	12/7/2023 11:01	12/7/2023 15:29	268	0
1433697	12/7/2023 11:01	12/7/2023 11:02	0.77	0
1433697	12/7/2023 11:01	12/7/2023 11:01	0.23	0
418876	12/7/2023 11:02	12/7/2023 18:29	447	0
1671958	12/7/2023 11:02	12/7/2023 17:46	404	0
1433697	12/7/2023 11:02	12/7/2023 11:03	0.77	0
563721	12/7/2023 11:02	12/7/2023 11:33	31	0
8495802	12/7/2023 11:02	12/7/2023 18:39	457	0

416557	12/7/2023 11:02	12/7/2023 18:12	430	0
1433697	12/7/2023 11:02	12/7/2023 11:02	0.23	0
328113	12/7/2023 11:02	12/7/2023 18:39	457	0
1433697	12/7/2023 11:03	12/7/2023 11:04	0.77	0
1433697	12/7/2023 11:03	12/7/2023 11:03	0.23	0
267537	12/7/2023 11:03	12/7/2023 18:39	456	0
1433697	12/7/2023 11:04	12/7/2023 11:05	0.77	0
1433697	12/7/2023 11:04	12/7/2023 11:04	0.23	0
1378128	12/7/2023 11:04	12/7/2023 17:10	366	0
8495805	12/7/2023 11:05	12/7/2023 18:46	461	0
1433697	12/7/2023 11:05	12/7/2023 11:05	0.23	0
1433697	12/7/2023 11:05	12/7/2023 11:06	0.77	0
11081884	12/7/2023 11:05	12/7/2023 18:41	456	0
197356	12/7/2023 11:06	12/7/2023 18:49	462.28	0
1433697	12/7/2023 11:06	12/7/2023 11:07	0.77	0
1433697	12/7/2023 11:06	12/7/2023 11:06	0.23	0
8068454	12/7/2023 11:07	12/7/2023 11:23	16	0
196965	12/7/2023 11:07	12/7/2023 18:18	430.28	0
510307	12/7/2023 11:07	12/7/2023 14:05	178	0
1433697	12/7/2023 11:07	12/7/2023 11:07	0.23	0
1433697	12/7/2023 11:07	12/7/2023 11:08	0.77	0
1433697	12/7/2023 11:08	12/7/2023 11:09	0.77	0
934496	12/7/2023 11:08	12/7/2023 18:23	435	0
1433697	12/7/2023 11:08	12/7/2023 11:08	0.23	0
507365	12/7/2023 11:08	12/7/2023 14:07	179	0
324045	12/7/2023 11:09	12/7/2023 18:51	462	0
511266	12/7/2023 11:09	12/7/2023 14:08	179	0
1433697	12/7/2023 11:09	12/7/2023 11:10	0.77	0
1433697	12/7/2023 11:09	12/7/2023 11:09	0.23	0
1433697	12/7/2023 11:10	12/7/2023 11:10	0.23	0
317126	12/7/2023 11:10	12/7/2023 18:53	462.28	0
8387677	12/7/2023 11:10	12/7/2023 18:40	449.28	0
1433697	12/7/2023 11:10	12/7/2023 11:11	0.77	0
1320619	12/7/2023 11:10	12/7/2023 18:35	445	0
1320646	12/7/2023 11:10	12/7/2023 18:31	441	0
506261	12/7/2023 11:10	12/7/2023 18:27	436.13	0
1433697	12/7/2023 11:11	12/7/2023 11:11	0.23	0
1321750	12/7/2023 11:11	12/7/2023 18:37	446	0
1433697	12/7/2023 11:11	12/7/2023 11:12	0.77	0
26864	12/7/2023 11:11	12/8/2023 9:00	1308.75	0
25674	12/7/2023 11:11	12/7/2023 18:27	436	0
1433697	12/7/2023 11:12	12/7/2023 11:13	0.77	0
25066	12/7/2023 11:12	12/8/2023 9:00	1307.75	0
1433697	12/7/2023 11:12	12/7/2023 11:12	0.23	0
304845	12/7/2023 11:13	12/7/2023 14:28	195	0
1433697	12/7/2023 11:13	12/7/2023 11:14	0.77	0
1433697	12/7/2023 11:13	12/7/2023 11:13	0.23	0

304785	12/7/2023 11:13	12/7/2023 14:28	195	0
1019446	12/7/2023 11:13	12/7/2023 18:25	432	0
1433697	12/7/2023 11:14	12/7/2023 11:15	0.77	0
1433697	12/7/2023 11:14	12/7/2023 11:14	0.23	0
188639	12/7/2023 11:14	12/7/2023 13:56	162	0
1433697	12/7/2023 11:15	12/7/2023 11:16	0.77	0
23566	12/7/2023 11:15	12/8/2023 9:00	1304	0
1433697	12/7/2023 11:15	12/7/2023 11:15	0.23	0
1513398	12/7/2023 11:16	12/7/2023 14:32	196	0
1433697	12/7/2023 11:16	12/7/2023 11:16	0.23	0
1433697	12/7/2023 11:16	12/7/2023 11:17	0.77	0
1433697	12/7/2023 11:17	12/7/2023 11:17	0.23	0
1433697	12/7/2023 11:17	12/7/2023 11:18	0.77	0
1525793	12/7/2023 11:17	12/7/2023 18:30	432.85	0
1513240	12/7/2023 11:17	12/7/2023 14:31	194	0
1433697	12/7/2023 11:18	12/7/2023 11:19	0.77	0
11467920	12/7/2023 11:18	12/7/2023 18:39	441	0
1433697	12/7/2023 11:18	12/7/2023 11:18	0.23	0
1549585	12/7/2023 11:19	12/7/2023 18:14	415	0
1433697	12/7/2023 11:19	12/7/2023 11:19	0.23	0
1433697	12/7/2023 11:19	12/7/2023 11:20	0.77	0
1433697	12/7/2023 11:20	12/7/2023 11:21	0.77	0
1433697	12/7/2023 11:20	12/7/2023 11:20	0.23	0
455629	12/7/2023 11:20	12/7/2023 11:38	18	0
454861	12/7/2023 11:21	12/7/2023 11:37	16	0
1433697	12/7/2023 11:21	12/7/2023 11:21	0.23	0
1433697	12/7/2023 11:21	12/7/2023 11:22	0.77	0
1433697	12/7/2023 11:22	12/7/2023 11:22	0.23	0
457978	12/7/2023 11:22	12/7/2023 11:37	15	0
456099	12/7/2023 11:22	12/7/2023 18:25	423	0
561757	12/7/2023 11:22	12/8/2023 9:00	1297	0
1433697	12/7/2023 11:22	12/7/2023 11:23	0.77	0
455345	12/7/2023 11:22	12/7/2023 11:36	14	0
457729	12/7/2023 11:22	12/7/2023 11:37	15	0
1093833	12/7/2023 11:23	12/7/2023 18:22	419	0
1433697	12/7/2023 11:23	12/7/2023 11:24	0.77	0
8068454	12/7/2023 11:23	12/7/2023 18:49	446	0
1433697	12/7/2023 11:23	12/7/2023 11:23	0.23	0
1433697	12/7/2023 11:24	12/7/2023 11:24	0.23	0
558031	12/7/2023 11:24	12/8/2023 9:00	1295	0
1433697	12/7/2023 11:24	12/7/2023 11:25	0.77	0
564518	12/7/2023 11:24	12/7/2023 18:35	430.13	0
1433697	12/7/2023 11:25	12/7/2023 11:29	4.23	0
24124	12/7/2023 11:28	12/7/2023 19:03	454.28	0
1433697	12/7/2023 11:29	12/7/2023 11:30	0.77	0
1433697	12/7/2023 11:30	12/7/2023 11:31	0.77	0
1433697	12/7/2023 11:30	12/7/2023 11:30	0.23	0

1433697	12/7/2023 11:31	12/7/2023 11:32	0.77	0
1433697	12/7/2023 11:31	12/7/2023 11:31	0.23	0
1433697	12/7/2023 11:32	12/7/2023 11:32	0.23	0
1433697	12/7/2023 11:32	12/7/2023 11:33	0.77	0
563721	12/7/2023 11:33	12/7/2023 14:47	194	0
1433697	12/7/2023 11:33	12/7/2023 11:34	0.77	0
1368745	12/7/2023 11:33	12/7/2023 11:49	16	0
740241	12/7/2023 11:33	12/7/2023 11:54	21	0
455994	12/7/2023 11:33	12/7/2023 14:37	184	0
1433697	12/7/2023 11:33	12/7/2023 11:33	0.23	0
1433697	12/7/2023 11:34	12/7/2023 11:35	0.77	0
561672	12/7/2023 11:34	12/7/2023 14:48	194	0
1433697	12/7/2023 11:34	12/7/2023 11:34	0.23	0
1433697	12/7/2023 11:35	12/7/2023 11:36	0.77	0
1433697	12/7/2023 11:35	12/7/2023 11:35	0.23	0
449036	12/7/2023 11:35	12/7/2023 11:48	13	0
624716	12/7/2023 11:35	12/8/2023 9:00	1284	0
1433697	12/7/2023 11:36	12/7/2023 11:37	0.77	0
455345	12/7/2023 11:36	12/7/2023 14:36	180	0
814970	12/7/2023 11:36	12/7/2023 18:37	421	0
1433697	12/7/2023 11:36	12/7/2023 11:36	0.23	0
1433697	12/7/2023 11:37	12/7/2023 11:37	0.23	0
1524033	12/7/2023 11:37	12/7/2023 12:24	47	0
457729	12/7/2023 11:37	12/7/2023 18:44	426.13	0
457978	12/7/2023 11:37	12/7/2023 14:37	180	0
1433697	12/7/2023 11:37	12/7/2023 11:38	0.77	0
454861	12/7/2023 11:37	12/7/2023 14:36	179	0
1465703	12/7/2023 11:37	12/7/2023 12:09	32	0
449377	12/7/2023 11:38	12/7/2023 12:05	27	0
1453263	12/7/2023 11:38	12/7/2023 18:38	420	0
455629	12/7/2023 11:38	12/7/2023 14:35	177	0
1466638	12/7/2023 11:38	12/7/2023 12:09	31	0
626477	12/7/2023 11:38	12/8/2023 9:00	1281	0
1433697	12/7/2023 11:38	12/7/2023 11:38	0.23	0
1433697	12/7/2023 11:38	12/7/2023 11:39	0.77	0
1348300	12/7/2023 11:39	12/7/2023 12:58	79	0
1433697	12/7/2023 11:39	12/7/2023 11:40	0.77	0
1348773	12/7/2023 11:39	12/7/2023 12:57	78	0
1353016	12/7/2023 11:39	12/7/2023 12:57	78	0
1703519	12/7/2023 11:39	12/7/2023 12:57	78	0
1433697	12/7/2023 11:39	12/7/2023 11:39	0.23	0
8957908	12/7/2023 11:39	12/7/2023 12:53	74	0
1350499	12/7/2023 11:39	12/7/2023 12:58	79	0
1350597	12/7/2023 11:39	12/7/2023 12:58	79	0
1433697	12/7/2023 11:40	12/7/2023 11:41	0.77	0
1349338	12/7/2023 11:40	12/7/2023 12:54	74	0
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1346665	12/7/2023 11:41	12/7/2023 12:59	78	0
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8734349	12/7/2023 11:41	12/7/2023 12:54	73	0
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1349244	12/7/2023 11:41	12/7/2023 12:58	77	0
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1349542	12/7/2023 11:43	12/7/2023 12:59	76	0
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1433697	12/7/2023 11:43	12/7/2023 11:44	0.77	0
1433697	12/7/2023 11:44	12/7/2023 11:44	0.23	0
1351539	12/7/2023 11:44	12/7/2023 12:58	74	0
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1433697	12/7/2023 11:55	12/7/2023 11:55	0.23	0
1509536	12/7/2023 11:55	12/7/2023 15:41	226	0

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1433697	12/7/2023 12:04	12/7/2023 12:05	0.77	0
1433697	12/7/2023 12:04	12/7/2023 12:04	0.23	0
1433697	12/7/2023 12:05	12/7/2023 12:06	0.77	0
1433697	12/7/2023 12:05	12/7/2023 12:05	0.23	0
449377	12/7/2023 12:05	12/7/2023 12:52	47	0
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859747	12/7/2023 12:06	12/7/2023 15:36	210	0
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1433697	12/7/2023 12:07	12/7/2023 12:08	0.77	0
860281	12/7/2023 12:07	12/7/2023 18:30	383	0
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1433697	12/7/2023 12:11	12/7/2023 12:12	0.77	0
1433697	12/7/2023 12:12	12/7/2023 12:13	0.77	0
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1433697	12/7/2023 12:13	12/7/2023 12:14	0.77	0
1433697	12/7/2023 12:14	12/7/2023 12:14	0.23	0

1433697	12/7/2023 12:14	12/7/2023 12:15	0.77	0
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1433697	12/7/2023 12:15	12/7/2023 12:16	0.77	0
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1433697	12/7/2023 12:17	12/7/2023 12:18	0.77	0
1433697	12/7/2023 12:18	12/7/2023 12:19	0.77	0
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624953	12/7/2023 12:19	12/7/2023 13:53	94	0
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627018	12/7/2023 12:23	12/7/2023 13:53	90	0
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1433697	12/7/2023 12:24	12/7/2023 12:24	0.23	0
1524033	12/7/2023 12:24	12/7/2023 13:37	73	0
1433697	12/7/2023 12:24	12/7/2023 12:25	0.77	0
1433697	12/7/2023 12:25	12/7/2023 14:24	119.23	0
627289	12/7/2023 12:42	12/8/2023 9:00	1217	0
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1343695	12/7/2023 12:48	12/8/2023 9:00	1211.68	0
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8957908	12/7/2023 12:53	12/8/2023 9:00	1206	0
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1346455	12/7/2023 12:57	12/7/2023 13:23	26	0
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1346665	12/7/2023 12:59	12/7/2023 13:25	26	0
1349542	12/7/2023 12:59	12/7/2023 13:28	29	0
1349605	12/7/2023 12:59	12/7/2023 13:25	26	0
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13876	12/7/2023 13:19	12/8/2023 9:00	1180.75	0
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14239	12/7/2023 13:20	12/8/2023 9:00	1179.75	0
1346455	12/7/2023 13:23	12/7/2023 14:58	95	0
1350499	12/7/2023 13:24	12/7/2023 14:59	95	0
1348773	12/7/2023 13:24	12/7/2023 14:58	94	0
1349244	12/7/2023 13:24	12/7/2023 14:59	95	0
1350597	12/7/2023 13:25	12/7/2023 14:56	91	0
1349338	12/7/2023 13:25	12/7/2023 14:55	90	0
23462	12/7/2023 13:25	12/7/2023 13:41	16	0
1349605	12/7/2023 13:25	12/7/2023 14:54	89	0
1346665	12/7/2023 13:25	12/7/2023 14:54	89	0
8734349	12/7/2023 13:26	12/7/2023 14:55	89	0
1350975	12/7/2023 13:28	12/7/2023 14:57	89	0
1349542	12/7/2023 13:28	12/7/2023 14:57	89	0
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1524033	12/7/2023 13:37	12/7/2023 14:09	32	0
449377	12/7/2023 13:39	12/7/2023 13:55	16	0
23462	12/7/2023 13:41	12/7/2023 13:56	15	0
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624953	12/7/2023 13:53	12/7/2023 18:31	278	0
627018	12/7/2023 13:53	12/7/2023 18:20	267	0
449377	12/7/2023 13:55	12/7/2023 14:42	47	0
23462	12/7/2023 13:56	12/7/2023 18:35	279	0
188639	12/7/2023 13:56	12/7/2023 14:59	63	0
619266	12/7/2023 14:04	12/7/2023 18:37	273	0
7533405	12/7/2023 14:04	12/7/2023 14:30	26	0
510307	12/7/2023 14:05	12/7/2023 18:17	252	0
1552154	12/7/2023 14:06	12/7/2023 14:21	15	0
1515733	12/7/2023 14:06	12/7/2023 14:22	16	0
8668965	12/7/2023 14:06	12/7/2023 14:22	16	0
507365	12/7/2023 14:07	12/7/2023 18:34	267	0
511266	12/7/2023 14:08	12/7/2023 18:35	267	0
1553065	12/7/2023 14:09	12/7/2023 14:24	15	0
1524033	12/7/2023 14:09	12/7/2023 15:12	63	0
1412757	12/7/2023 14:09	12/7/2023 14:25	16	0
1465703	12/7/2023 14:09	12/7/2023 18:32	263	0
1516739	12/7/2023 14:11	12/7/2023 18:22	251	0
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605186	12/7/2023 14:22	12/7/2023 14:38	16	0
8668965	12/7/2023 14:22	12/7/2023 14:38	16	0
1515733	12/7/2023 14:22	12/7/2023 14:38	16	0
324290	12/7/2023 14:22	12/7/2023 14:38	16	0
601397	12/7/2023 14:22	12/7/2023 18:44	262	0
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324249	12/7/2023 14:24	12/7/2023 15:38	74	0
1553065	12/7/2023 14:24	12/7/2023 14:40	16	0
1546695	12/7/2023 14:25	12/7/2023 18:31	246	0
323747	12/7/2023 14:25	12/7/2023 18:49	263.28	0
1412757	12/7/2023 14:25	12/7/2023 14:41	16	0
8621797	12/7/2023 14:27	12/7/2023 15:00	33	0
378229	12/7/2023 14:28	12/7/2023 18:45	257	0
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304845	12/7/2023 14:28	12/7/2023 15:31	63	0
1433697	12/7/2023 14:29	12/7/2023 17:34	184.35	0
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1513398	12/7/2023 14:32	12/7/2023 18:34	241.85	0
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455345	12/7/2023 14:36	12/7/2023 15:07	31	0
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198082	12/7/2023 14:37	12/8/2023 9:00	1102.75	0
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1555268	12/7/2023 14:38	12/7/2023 18:44	246	0
324290	12/7/2023 14:38	12/7/2023 18:40	241.28	0
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1515733	12/7/2023 14:38	12/7/2023 18:24	226	0
605186	12/7/2023 14:38	12/7/2023 18:34	236	0
8668965	12/7/2023 14:38	12/7/2023 18:18	220	0
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195216	12/7/2023 14:39	12/7/2023 18:40	241	0
1551513	12/7/2023 14:40	12/7/2023 18:36	236	0
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449377	12/7/2023 14:42	12/7/2023 15:14	32	0
614227	12/7/2023 14:44	12/7/2023 18:31	226.13	0
7533405	12/7/2023 14:46	12/7/2023 18:16	210	0
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1346665	12/7/2023 14:54	12/7/2023 18:35	221	0
1349605	12/7/2023 14:54	12/7/2023 18:35	221	0
1349338	12/7/2023 14:55	12/7/2023 18:30	215	0
8734349	12/7/2023 14:55	12/7/2023 18:36	220.35	0
1405153	12/7/2023 14:55	12/7/2023 18:15	200	0
1092960	12/7/2023 14:56	12/8/2023 9:00	1083	0
1350597	12/7/2023 14:56	12/7/2023 18:26	210	0
1350975	12/7/2023 14:57	12/7/2023 18:27	210	0
1349542	12/7/2023 14:57	12/7/2023 18:21	204	0
1346455	12/7/2023 14:58	12/7/2023 18:33	215	0
1348773	12/7/2023 14:58	12/7/2023 18:23	205	0
1349244	12/7/2023 14:59	12/7/2023 18:18	199	0
188639	12/7/2023 14:59	12/7/2023 17:11	132	0
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1583853	12/7/2023 15:17	12/7/2023 18:52	214.85	0
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160073	12/7/2023 17:54	12/8/2023 9:00	905.62	0
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1509536	12/7/2023 18:08	12/8/2023 9:00	891.18	0
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219948	12/7/2023 18:12	12/8/2023 9:00	887.75	0
1494722	12/7/2023 18:12	12/8/2023 9:00	887	0
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416557	12/7/2023 18:12	12/8/2023 9:00	887	0
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1406535	12/7/2023 18:14	12/8/2023 8:44	870.65	0
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8668965	12/7/2023 18:18	12/8/2023 9:00	881	0
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1350104	12/7/2023 18:18	12/8/2023 9:00	881.68	0
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1349542	12/7/2023 18:21	12/8/2023 9:00	878.68	0
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1093833	12/7/2023 18:22	12/8/2023 9:00	877	0
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954332	12/7/2023 18:24	12/8/2023 9:00	875.62	0
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1537353	12/7/2023 18:24	12/8/2023 9:00	875.18	0
1378582	12/7/2023 18:24	12/8/2023 9:00	875.68	0
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456099	12/7/2023 18:25	12/8/2023 9:00	874.9	0
1019446	12/7/2023 18:25	12/8/2023 9:00	874.62	0
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8972545	12/7/2023 18:26	12/8/2023 9:00	873	0
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955448	12/7/2023 18:26	12/8/2023 9:00	873.62	0
1309098	12/7/2023 18:26	12/8/2023 9:00	873.68	0
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800600	12/7/2023 18:28	12/8/2023 9:00	871.13	0
1433697	12/7/2023 18:29	12/7/2023 18:30	0.35	0
197883	12/7/2023 18:29	12/8/2023 9:00	870.75	0
1350499	12/7/2023 18:29	12/8/2023 9:00	870.68	0
624628	12/7/2023 18:29	12/8/2023 9:00	870	0

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956968	12/7/2023 18:30	12/8/2023 9:00	869.62	0
1433697	12/7/2023 18:30	12/7/2023 18:30	0.65	0
800590	12/7/2023 18:30	12/8/2023 9:00	869.13	0
1421188	12/7/2023 18:30	12/8/2023 9:00	869.68	0
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860281	12/7/2023 18:30	12/8/2023 9:00	869.13	0
1433697	12/7/2023 18:30	12/7/2023 18:31	0.35	0
1556246	12/7/2023 18:30	12/8/2023 9:00	869.18	0
1547692	12/7/2023 18:31	12/8/2023 9:00	868.18	0
196408	12/7/2023 18:31	12/8/2023 9:00	868.75	0
1450250	12/7/2023 18:31	12/8/2023 9:00	868.18	0
656343	12/7/2023 18:31	12/8/2023 9:00	868.13	0
624953	12/7/2023 18:31	12/8/2023 9:00	868	0
614227	12/7/2023 18:31	12/8/2023 9:00	868.9	0
1554218	12/7/2023 18:31	12/8/2023 9:00	868.18	0
664453	12/7/2023 18:31	12/8/2023 9:00	868.13	0
454901	12/7/2023 18:31	12/8/2023 9:00	868.9	0
1433697	12/7/2023 18:31	12/7/2023 18:31	0.65	0
1549376	12/7/2023 18:31	12/8/2023 9:00	868.18	0
1332906	12/7/2023 18:31	12/8/2023 9:00	868.68	0
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740241	12/7/2023 18:31	12/8/2023 9:00	868.13	0
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1320646	12/7/2023 18:31	12/8/2023 9:00	868.68	0
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314188	12/7/2023 18:32	12/8/2023 9:00	867.75	0
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817260	12/7/2023 18:32	12/8/2023 9:00	867.13	0
1349502	12/7/2023 18:32	12/8/2023 9:00	867.68	0
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8734349	12/7/2023 18:36	12/8/2023 9:00	863.68	0
1417138	12/7/2023 18:36	12/8/2023 9:00	863.68	0
315169	12/7/2023 18:36	12/8/2023 9:00	863.75	0
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1433697	12/7/2023 18:36	12/7/2023 18:37	0.35	0
1551513	12/7/2023 18:36	12/8/2023 9:00	863.18	0
539938	12/7/2023 18:36	12/8/2023 9:00	863	0
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619266	12/7/2023 18:37	12/8/2023 9:00	862	0
1348780	12/7/2023 18:37	12/8/2023 9:00	862.68	0
315752	12/7/2023 18:37	12/8/2023 9:00	862.75	0
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808384	12/7/2023 18:37	12/8/2023 9:00	862.13	0
353651	12/7/2023 18:37	12/8/2023 9:00	862.75	0
1321750	12/7/2023 18:37	12/8/2023 9:00	862.68	0
1433697	12/7/2023 18:37	12/7/2023 18:37	0.65	0
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1433697	12/7/2023 18:38	12/7/2023 18:38	0.65	0
1351539	12/7/2023 18:38	12/8/2023 9:00	861.68	0
323657	12/7/2023 18:38	12/8/2023 9:00	861.75	0

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317797	12/7/2023 18:38	12/8/2023 9:00	861.75	0
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6995795	12/7/2023 18:38	12/8/2023 9:00	861.9	0
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11467920	12/7/2023 18:39	12/8/2023 9:00	860.18	0
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315306	12/7/2023 18:39	12/8/2023 9:00	860.75	0
267537	12/7/2023 18:39	12/8/2023 9:00	860.75	0
306565	12/7/2023 18:39	12/8/2023 8:13	814.72	0
8524544	12/7/2023 18:39	12/8/2023 9:00	860.75	0
1433697	12/7/2023 18:39	12/7/2023 18:39	0.65	0
1377393	12/7/2023 18:39	12/8/2023 9:00	860.68	0
8495802	12/7/2023 18:39	12/8/2023 9:00	860.18	0
1433697	12/7/2023 18:39	12/7/2023 18:40	0.35	0
195216	12/7/2023 18:40	12/8/2023 9:00	859.75	0
8387677	12/7/2023 18:40	12/8/2023 9:00	859.75	0
1433697	12/7/2023 18:40	12/7/2023 18:40	0.65	0
314564	12/7/2023 18:40	12/8/2023 9:00	859.75	0
316997	12/7/2023 18:40	12/8/2023 9:00	859.75	0
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324290	12/7/2023 18:40	12/8/2023 9:00	859.75	0
325050	12/7/2023 18:40	12/8/2023 9:00	859.75	0
1433697	12/7/2023 18:40	12/7/2023 18:41	0.35	0
315345	12/7/2023 18:41	12/8/2023 9:00	858.75	0
324249	12/7/2023 18:41	12/8/2023 9:00	858.75	0
315346	12/7/2023 18:41	12/8/2023 9:00	858.75	0
1433697	12/7/2023 18:41	12/7/2023 18:41	0.65	0
11081884	12/7/2023 18:41	12/8/2023 9:00	858.75	0
1433697	12/7/2023 18:41	12/7/2023 18:42	0.35	0
315604	12/7/2023 18:42	12/8/2023 9:00	857.75	0
9063373	12/7/2023 18:42	12/8/2023 8:51	849.65	0
1433697	12/7/2023 18:42	12/7/2023 18:43	0.35	0
801004	12/7/2023 18:42	12/8/2023 9:00	857.13	0
1433697	12/7/2023 18:42	12/7/2023 18:42	0.65	0
381982	12/7/2023 18:42	12/8/2023 9:00	857	0
51483	12/7/2023 18:42	12/8/2023 9:00	857.75	0
8950281	12/7/2023 18:43	12/8/2023 9:00	856.75	0
1683861	12/7/2023 18:43	12/8/2023 9:00	856.75	0
1433697	12/7/2023 18:43	12/7/2023 18:43	0.65	0
1073623	12/7/2023 18:43	12/8/2023 9:00	856.9	0
314945	12/7/2023 18:43	12/8/2023 9:00	856.75	0
342796	12/7/2023 18:43	12/8/2023 9:00	856.75	0

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315730	12/7/2023 18:44	12/8/2023 9:00	855.75	0
808829	12/7/2023 18:44	12/8/2023 9:00	855.13	0
304785	12/7/2023 18:44	12/8/2023 9:00	855.75	0
601397	12/7/2023 18:44	12/8/2023 9:00	855	0
7178975	12/7/2023 18:44	12/8/2023 9:00	855.75	0
449377	12/7/2023 18:44	12/7/2023 20:51	127	0
378229	12/7/2023 18:45	12/8/2023 9:00	854.9	0
859747	12/7/2023 18:45	12/8/2023 9:00	854.13	0
1433697	12/7/2023 18:45	12/7/2023 18:46	0.35	0
1576533	12/7/2023 18:45	12/8/2023 9:00	854.18	0
1310926	12/7/2023 18:45	12/8/2023 9:00	854.68	0
1433697	12/7/2023 18:45	12/7/2023 18:45	0.65	0
8495805	12/7/2023 18:46	12/8/2023 9:00	853.9	0
346967	12/7/2023 18:46	12/8/2023 9:00	853.75	0
1433697	12/7/2023 18:46	12/7/2023 18:47	0.35	0
1433697	12/7/2023 18:46	12/7/2023 18:46	0.65	0
380057	12/7/2023 18:46	12/8/2023 9:00	853.9	0
1664433	12/7/2023 18:47	12/8/2023 9:00	852.13	0
1433697	12/7/2023 18:47	12/7/2023 18:47	0.65	0
1433697	12/7/2023 18:47	12/7/2023 18:48	0.35	0
7902724	12/7/2023 18:48	12/8/2023 8:32	824.72	0
455345	12/7/2023 18:48	12/8/2023 9:00	851	0
1433697	12/7/2023 18:48	12/7/2023 18:48	0.65	0
1433697	12/7/2023 18:48	12/7/2023 18:49	0.35	0
8068454	12/7/2023 18:49	12/8/2023 9:00	850.9	0
313954	12/7/2023 18:49	12/8/2023 9:00	850.75	0
1433697	12/7/2023 18:49	12/7/2023 18:49	0.65	0
29635	12/7/2023 18:49	12/8/2023 9:00	850.75	0
197356	12/7/2023 18:49	12/8/2023 9:00	850.75	0
323747	12/7/2023 18:49	12/8/2023 9:00	850.75	0
304295	12/7/2023 18:49	12/8/2023 9:00	850	0
1433697	12/7/2023 18:49	12/7/2023 18:50	0.35	0
353371	12/7/2023 18:50	12/8/2023 9:00	849.75	0
313269	12/7/2023 18:50	12/8/2023 9:00	849.75	0
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1433697	12/7/2023 18:50	12/7/2023 18:51	0.35	0
274125	12/7/2023 18:50	12/8/2023 9:00	849	0
51957	12/7/2023 18:50	12/8/2023 9:00	849.75	0
125572	12/7/2023 18:50	12/8/2023 9:00	849.75	0
324045	12/7/2023 18:51	12/8/2023 9:00	848.75	0

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313731	12/7/2023 18:51	12/8/2023 9:00	848.75	0
1433697	12/7/2023 18:51	12/7/2023 18:52	0.35	0
197629	12/7/2023 18:51	12/8/2023 9:00	848	0
10371797	12/7/2023 18:51	12/8/2023 9:00	848	0
345647	12/7/2023 18:51	12/8/2023 9:00	848.75	0
1554677	12/7/2023 18:51	12/8/2023 9:00	848.18	0
1583853	12/7/2023 18:52	12/8/2023 9:00	847.18	0
1433697	12/7/2023 18:52	12/7/2023 18:54	1.35	0
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281235	12/7/2023 18:52	12/8/2023 9:00	847.75	0
317126	12/7/2023 18:53	12/8/2023 9:00	846.75	0
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314163	12/7/2023 18:54	12/8/2023 9:00	845.75	0
315380	12/7/2023 18:55	12/8/2023 9:00	844.75	0
304845	12/7/2023 18:55	12/8/2023 9:00	844.75	0
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8621797	12/7/2023 18:56	12/8/2023 9:00	843.75	0
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816722	12/7/2023 19:01	12/8/2023 9:00	838.13	0
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24124	12/7/2023 19:03	12/8/2023 9:00	836.75	0
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1433697	12/7/2023 19:04	12/7/2023 19:05	0.35	0
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1433697	12/7/2023 19:07	12/7/2023 19:07	0.65	0

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1433697	12/7/2023 19:13	12/7/2023 19:29	16	0
353728	12/7/2023 19:22	12/8/2023 9:00	817.75	0
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197561	12/7/2023 19:31	12/8/2023 9:00	808.75	0
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1433697	12/7/2023 19:46	12/7/2023 19:46	0.65	0
1433697	12/7/2023 19:47	12/7/2023 19:47	0.65	0

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1433697	12/7/2023 19:48	12/7/2023 19:49	0.35	0
1433697	12/7/2023 19:48	12/7/2023 19:48	0.65	0
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1433697	12/7/2023 19:52	12/7/2023 19:52	0.65	0
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449377	12/7/2023 23:18	12/7/2023 23:34	16	0
449377	12/7/2023 23:34	12/8/2023 0:05	31	0
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449377	12/8/2023 6:02	12/8/2023 7:00	58	0
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1433348	12/8/2023 7:56	12/8/2023 9:00	63.18	0
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1444809	12/8/2023 7:57	12/8/2023 9:00	62	0
1502969	12/8/2023 8:03	12/8/2023 9:00	56.68	0
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1272457	12/8/2023 8:14	12/8/2023 8:46	32	0
1272482	12/8/2023 8:14	12/8/2023 8:46	32	0
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1433697	12/8/2023 8:29	12/8/2023 8:30	0.35	0
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1433697	12/8/2023 8:31	12/8/2023 8:32	0.35	0
1433697	12/8/2023 8:32	12/8/2023 8:32	0.65	0
7902724	12/8/2023 8:32	12/8/2023 9:00	27	0
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1272482	12/8/2023 8:46	12/8/2023 9:00	13.68	0
1272457	12/8/2023 8:46	12/8/2023 9:00	13.68	0
1433697	12/8/2023 8:47	12/8/2023 8:47	0.65	0
1433697	12/8/2023 8:47	12/8/2023 8:48	0.35	0
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1433697	12/8/2023 8:52	12/8/2023 8:52	0.65	0

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1433697	12/8/2023 8:53	12/8/2023 8:54	0.35	0
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1433697	12/8/2023 8:54	12/8/2023 8:54	0.65	0
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1433697	12/8/2023 8:59	12/8/2023 9:00	0.2	0
1453263	12/8/2023 9:00	12/8/2023 10:08	68	0
1433697	12/8/2023 9:00	12/9/2023 9:00	1439.85	0
625938	12/8/2023 9:00	12/9/2023 9:00	1439.9	0
353728	12/8/2023 9:00	12/8/2023 10:27	87	0
1502969	12/8/2023 9:00	12/8/2023 18:49	589	1.34
8766703	12/8/2023 9:00	12/9/2023 9:00	1439.62	0
8668965	12/8/2023 9:00	12/8/2023 10:40	100.87	0
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264186	12/8/2023 9:00	12/9/2023 9:00	1439.75	0
562620	12/8/2023 9:00	12/9/2023 9:00	1439.9	0
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817825	12/8/2023 9:01	12/9/2023 9:00	1438.13	0
1377303	12/8/2023 9:09	12/8/2023 14:24	315	0
658642	12/8/2023 9:09	12/8/2023 18:43	574	0.24
1444809	12/8/2023 9:10	12/8/2023 18:43	572.85	0
614227	12/8/2023 9:12	12/8/2023 11:44	152	0
620058	12/8/2023 9:14	12/8/2023 11:46	152	0
1073623	12/8/2023 9:16	12/8/2023 11:43	147	0
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593397	12/8/2023 9:18	12/9/2023 9:00	1421.9	0
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1093722	12/8/2023 9:21	12/8/2023 18:45	563.13	0
859747	12/8/2023 9:22	12/8/2023 11:38	136	0
860281	12/8/2023 9:23	12/8/2023 18:45	562	0
539938	12/8/2023 9:23	12/8/2023 18:49	565.13	0
1321605	12/8/2023 9:24	12/8/2023 18:35	550.35	0
325050	12/8/2023 9:24	12/8/2023 18:44	559.28	0

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1494722	12/8/2023 9:30	12/8/2023 18:53	562.35	0.21
1393699	12/8/2023 9:30	12/8/2023 18:48	557.35	0
304295	12/8/2023 9:31	12/8/2023 14:31	300	0
304845	12/8/2023 9:32	12/8/2023 14:31	299	0
304785	12/8/2023 9:32	12/9/2023 9:00	1407.75	0
1415828	12/8/2023 9:32	12/8/2023 18:43	551	0
1416360	12/8/2023 9:33	12/8/2023 18:54	561	0
51483	12/8/2023 9:34	12/8/2023 18:50	555.28	0
8950281	12/8/2023 9:35	12/8/2023 18:51	556	0
1465703	12/8/2023 9:35	12/8/2023 11:36	121	0
275018	12/8/2023 9:36	12/8/2023 11:37	121	0
315345	12/8/2023 9:39	12/8/2023 18:50	551	0
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315346	12/8/2023 9:39	12/8/2023 18:45	546	0
317233	12/8/2023 9:39	12/8/2023 18:46	546.28	0.04
498597	12/8/2023 9:42	12/8/2023 11:28	106	0
274522	12/8/2023 9:48	12/8/2023 11:37	109	0.11
281235	12/8/2023 9:49	12/8/2023 11:35	106	0
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279833	12/8/2023 9:52	12/8/2023 18:47	535	0
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275495	12/8/2023 9:53	12/8/2023 18:51	537.28	0
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1320008	12/8/2023 9:54	12/8/2023 18:37	522.35	0
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196408	12/8/2023 10:04	12/8/2023 18:45	520.28	0
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197629	12/8/2023 10:05	12/8/2023 18:56	530.28	0
1551510	12/8/2023 10:05	12/8/2023 14:07	242	0
1664433	12/8/2023 10:06	12/8/2023 10:22	16	0
10013697	12/8/2023 10:07	12/8/2023 14:09	242	0
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1453263	12/8/2023 10:08	12/8/2023 18:47	519	0
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1446401	12/8/2023 10:11	12/8/2023 18:46	515	0
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1405290	12/8/2023 10:13	12/8/2023 11:47	94	0
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353371	12/8/2023 10:14	12/8/2023 18:57	523	0
417158	12/8/2023 10:14	12/8/2023 18:43	509	0
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314188	12/8/2023 10:17	12/8/2023 14:18	241	0
1557188	12/8/2023 10:18	12/8/2023 20:08	590	0
315730	12/8/2023 10:18	12/8/2023 14:20	242	0
627289	12/8/2023 10:18	12/8/2023 10:34	16	0
1556565	12/8/2023 10:18	12/8/2023 20:08	590	0
8495805	12/8/2023 10:19	12/8/2023 18:53	514	0
1556352	12/8/2023 10:19	12/8/2023 20:07	588	0.17
449377	12/8/2023 10:19	12/8/2023 10:25	6	0
7178975	12/8/2023 10:19	12/8/2023 14:20	241	0
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627018	12/8/2023 10:21	12/8/2023 10:37	16	0
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197561	12/8/2023 10:22	12/8/2023 18:48	506	0
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1342974	12/8/2023 10:23	12/8/2023 19:22	539	0
1343091	12/8/2023 10:23	12/8/2023 14:35	252	0
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7533405	12/8/2023 10:31	12/8/2023 13:35	184	0
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8972545	12/8/2023 10:32	12/8/2023 18:47	494.13	0
455629	12/8/2023 10:34	12/8/2023 14:23	229	0
852125	12/8/2023 10:34	12/8/2023 11:36	62	0
627289	12/8/2023 10:34	12/8/2023 10:50	16	0
457729	12/8/2023 10:34	12/8/2023 11:21	47	0
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814970	12/8/2023 10:35	12/8/2023 11:34	59	0
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627018	12/8/2023 10:37	12/8/2023 10:53	16	0
1524033	12/8/2023 10:37	12/8/2023 11:56	79	0.96
455345	12/8/2023 10:37	12/8/2023 11:19	42	0
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1549376	12/8/2023 10:37	12/8/2023 14:07	210	0
454901	12/8/2023 10:37	12/8/2023 18:51	494	0.53
624953	12/8/2023 10:38	12/8/2023 18:47	488.13	0
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1431752	12/8/2023 10:39	12/8/2023 11:36	57	0
1309098	12/8/2023 10:39	12/8/2023 11:37	58	0
1310926	12/8/2023 10:39	12/8/2023 11:37	58	0
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627289	12/8/2023 10:50	12/8/2023 14:04	194	0
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627018	12/8/2023 10:53	12/8/2023 18:40	467	0
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535845	12/8/2023 10:54	12/8/2023 18:51	476.28	0
1321750	12/8/2023 10:54	12/8/2023 18:43	469	0.29
1093833	12/8/2023 10:55	12/8/2023 18:42	467	0
318402	12/8/2023 10:55	12/8/2023 18:47	472	0
8104722	12/8/2023 10:55	12/8/2023 18:48	473	0
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1683861	12/8/2023 11:06	12/8/2023 18:52	466	0
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378229	12/8/2023 11:12	12/8/2023 18:56	464	0
27483	12/8/2023 11:12	12/8/2023 12:15	63	0
10510361	12/8/2023 11:12	12/8/2023 18:48	456	0
549617	12/8/2023 11:12	12/8/2023 18:41	448.13	0
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188639	12/8/2023 11:13	12/8/2023 11:55	42	0.22
1583853	12/8/2023 11:14	12/8/2023 13:46	152	0
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587455	12/8/2023 11:17	12/8/2023 18:43	446	0
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11435788	12/8/2023 11:19	12/9/2023 9:00	1300.75	0
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455345	12/8/2023 11:19	12/8/2023 11:37	18	0
1537989	12/8/2023 11:19	12/8/2023 20:05	526	0
1537447	12/8/2023 11:19	12/8/2023 22:35	676	0
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324045	12/8/2023 11:21	12/8/2023 11:53	32	0
457729	12/8/2023 11:21	12/8/2023 11:36	15	0
1538102	12/8/2023 11:21	12/8/2023 20:03	522	0.24
319279	12/8/2023 11:21	12/8/2023 11:53	32	0
729928	12/8/2023 11:22	12/8/2023 11:38	16	0
1538299	12/8/2023 11:22	12/8/2023 20:03	521	0.25
224273	12/8/2023 11:22	12/9/2023 9:00	1297.75	0
1537353	12/8/2023 11:22	12/8/2023 20:18	535.85	0
569554	12/8/2023 11:22	12/8/2023 18:50	447.13	0

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324249	12/8/2023 11:24	12/8/2023 11:50	26	0
645339	12/8/2023 11:25	12/8/2023 18:47	441.13	0
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259674	12/8/2023 11:28	12/8/2023 11:44	16	0
174902	12/8/2023 11:28	12/8/2023 18:54	446	0
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7937779	12/8/2023 11:29	12/8/2023 11:44	15	0
801004	12/8/2023 11:29	12/8/2023 13:15	106	0
495611	12/8/2023 11:29	12/8/2023 11:44	15	0
26864	12/8/2023 11:30	12/8/2023 18:47	437	0
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449036	12/8/2023 11:31	12/8/2023 11:47	16	0
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1375227	12/8/2023 11:32	12/8/2023 18:50	438	0
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852071	12/8/2023 11:34	12/8/2023 12:06	32	0
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1431752	12/8/2023 11:36	12/8/2023 11:52	16	0
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852125	12/8/2023 11:36	12/8/2023 12:03	27	0
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275018	12/8/2023 11:37	12/8/2023 18:47	430	0
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1310926	12/8/2023 11:37	12/8/2023 12:09	32	0
274522	12/8/2023 11:37	12/8/2023 18:49	431.28	0.21
455345	12/8/2023 11:37	12/8/2023 15:21	224	0
729928	12/8/2023 11:38	12/8/2023 18:53	435	0
859747	12/8/2023 11:38	12/8/2023 18:54	436	0
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549596	12/8/2023 11:39	12/8/2023 11:55	16	0
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1309133	12/8/2023 11:39	12/8/2023 18:45	425.35	0

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1432940	12/8/2023 11:40	12/8/2023 11:56	16	0
266010	12/8/2023 11:42	12/8/2023 18:43	421	0
1375642	12/8/2023 11:43	12/8/2023 15:29	226	0
1406535	12/8/2023 11:43	12/8/2023 18:54	430.35	0
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449377	12/8/2023 11:43	12/8/2023 13:44	121	0
1073623	12/8/2023 11:43	12/8/2023 11:59	16	0
495611	12/8/2023 11:44	12/8/2023 18:49	425	0
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8603428	12/8/2023 11:44	12/9/2023 9:00	1275	0
614227	12/8/2023 11:44	12/8/2023 12:00	16	0
265473	12/8/2023 11:44	12/8/2023 12:37	53	0
259674	12/8/2023 11:44	12/8/2023 12:31	47	0
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324249	12/8/2023 11:50	12/8/2023 12:06	16	0
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323747	12/8/2023 11:52	12/8/2023 12:07	15	0
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319279	12/8/2023 11:53	12/8/2023 12:08	15	0
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23462	12/8/2023 11:55	12/8/2023 19:50	474.28	0
549596	12/8/2023 11:55	12/8/2023 12:11	16	0
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25674	12/8/2023 11:58	12/8/2023 12:14	16	0
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1073623	12/8/2023 11:59	12/8/2023 13:29	90	0
356505	12/8/2023 11:59	12/8/2023 18:59	420	0
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219948	12/8/2023 12:01	12/8/2023 18:40	399	0

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854579	12/8/2023 12:03	12/8/2023 14:36	153	0
99902	12/8/2023 12:04	12/9/2023 9:00	1255.75	0
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814970	12/8/2023 12:06	12/8/2023 18:50	404	0
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1190246	12/8/2023 12:07	12/8/2023 14:24	137	0
97805	12/8/2023 12:07	12/9/2023 9:00	1252.75	0
323747	12/8/2023 12:07	12/9/2023 9:00	1252	0
319279	12/8/2023 12:08	12/8/2023 14:09	121	0
323657	12/8/2023 12:08	12/8/2023 14:20	132	0
1431752	12/8/2023 12:08	12/9/2023 9:00	1251	0
1309098	12/8/2023 12:08	12/9/2023 9:00	1251.68	0
324045	12/8/2023 12:09	12/8/2023 18:56	407	0.02
1310926	12/8/2023 12:09	12/8/2023 14:09	120	0
1515733	12/8/2023 12:10	12/8/2023 13:07	57	0
30471	12/8/2023 12:11	12/8/2023 15:15	184	0
188639	12/8/2023 12:11	12/8/2023 13:45	94	0
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549596	12/8/2023 12:11	12/9/2023 9:00	1248	0
29848	12/8/2023 12:11	12/8/2023 15:09	178	0.04
1020565	12/8/2023 12:12	12/8/2023 13:00	48	0
1019446	12/8/2023 12:12	12/8/2023 12:59	47	0
34905	12/8/2023 12:14	12/8/2023 18:53	399	0
25674	12/8/2023 12:14	12/8/2023 18:53	399	0
27483	12/8/2023 12:15	12/8/2023 15:13	178	0
169731	12/8/2023 12:27	12/9/2023 9:00	1232.75	0
174362	12/8/2023 12:28	12/9/2023 9:00	1231.75	0
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416557	12/8/2023 12:30	12/8/2023 13:59	89	0
259674	12/8/2023 12:31	12/8/2023 18:44	373	0
418876	12/8/2023 12:36	12/8/2023 18:48	372	0
265473	12/8/2023 12:37	12/9/2023 9:00	1222.75	0
8502011	12/8/2023 12:54	12/9/2023 9:00	1205	0
1019446	12/8/2023 12:59	12/8/2023 13:46	47	0
1020565	12/8/2023 13:00	12/8/2023 14:13	73	0
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801004	12/8/2023 13:15	12/8/2023 14:28	73	0
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815789	12/8/2023 13:17	12/8/2023 13:33	16	0
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816862	12/8/2023 13:18	12/8/2023 13:50	32	0

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814312	12/8/2023 13:19	12/8/2023 13:50	31	0
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449377	12/8/2023 13:44	12/8/2023 15:04	80	0
188639	12/8/2023 13:45	12/8/2023 13:56	11	0
614227	12/8/2023 13:45	12/8/2023 18:49	304	0
1583853	12/8/2023 13:46	12/8/2023 18:42	295.85	0
1019446	12/8/2023 13:46	12/8/2023 14:02	16	0
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317768	12/8/2023 13:47	12/9/2023 9:00	1152	0
844651	12/8/2023 13:48	12/8/2023 18:42	294	0
815789	12/8/2023 13:48	12/8/2023 14:04	16	0
318815	12/8/2023 13:49	12/9/2023 9:00	1150.75	0
1254749	12/8/2023 13:49	12/8/2023 18:48	299	0
814312	12/8/2023 13:50	12/8/2023 18:39	289	0
816862	12/8/2023 13:50	12/8/2023 14:06	16	0
844871	12/8/2023 13:50	12/8/2023 18:49	299	0
1254744	12/8/2023 13:51	12/8/2023 18:45	294	0
903630	12/8/2023 13:53	12/9/2023 9:00	1146.13	0
675499	12/8/2023 13:55	12/8/2023 18:38	283	0
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679003	12/8/2023 13:56	12/8/2023 18:40	284	0
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1019446	12/8/2023 14:02	12/8/2023 18:32	270	0
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627289	12/8/2023 14:04	12/8/2023 18:54	289.13	0
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817260	12/8/2023 14:18	12/8/2023 18:51	273	0
314188	12/8/2023 14:18	12/8/2023 14:34	16	0
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29748	12/8/2023 14:28	12/9/2023 9:00	1111.75	0
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1537547	12/8/2023 14:36	12/8/2023 20:15	339	0
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324249	12/8/2023 14:38	12/8/2023 16:23	105	0
1307575	12/8/2023 14:38	12/9/2023 9:00	1101.68	0
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7902724	12/8/2023 14:40	12/8/2023 18:53	253	0
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188639	12/8/2023 14:43	12/8/2023 19:58	315	0
24369	12/8/2023 14:43	12/8/2023 18:50	247	0
801004	12/8/2023 14:43	12/8/2023 18:45	242	0
1393633	12/8/2023 14:44	12/8/2023 17:27	163	0
26921	12/8/2023 14:44	12/8/2023 15:00	16	0
800590	12/8/2023 14:44	12/8/2023 18:50	246	0
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852125	12/8/2023 14:46	12/8/2023 18:47	241	0
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800588	12/8/2023 14:47	12/8/2023 18:42	235	0
561672	12/8/2023 14:47	12/8/2023 18:53	246	0
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198082	12/8/2023 14:51	12/8/2023 18:52	241	0
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456099	12/8/2023 15:18	12/8/2023 18:46	208	0
449377	12/8/2023 15:19	12/8/2023 16:07	48	0
469018	12/8/2023 15:20	12/9/2023 9:00	1059	0
455345	12/8/2023 15:21	12/8/2023 19:10	228.13	0
457978	12/8/2023 15:21	12/8/2023 19:56	274.13	0
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997397	12/8/2023 15:46	12/8/2023 18:39	173	0
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449377	12/8/2023 16:07	12/8/2023 16:59	52	0
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1377303	12/8/2023 17:12	12/8/2023 18:57	105	0
449377	12/8/2023 17:20	12/8/2023 18:28	68	0
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854585	12/8/2023 18:06	12/9/2023 9:00	893.13	0
30471	12/8/2023 18:18	12/9/2023 9:00	881.75	0
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1019446	12/8/2023 18:32	12/9/2023 9:00	867.62	0
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1434359	12/8/2023 18:35	12/9/2023 9:00	864.18	0
385332	12/8/2023 18:35	12/9/2023 9:00	864.9	0
1332906	12/8/2023 18:36	12/9/2023 9:00	863.68	0
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1463218	12/8/2023 18:38	12/9/2023 9:00	861.18	0
814312	12/8/2023 18:39	12/9/2023 9:00	860.13	0
907654	12/8/2023 18:39	12/9/2023 9:00	860.13	0
1109994	12/8/2023 18:39	12/9/2023 9:00	860.62	0
800600	12/8/2023 18:39	12/9/2023 9:00	860.13	0
997397	12/8/2023 18:39	12/9/2023 9:00	860.62	0
1064514	12/8/2023 18:39	12/9/2023 9:00	860.62	0
1320619	12/8/2023 18:39	12/9/2023 9:00	860.68	0
8957908	12/8/2023 18:40	12/9/2023 9:00	859.68	0
995564	12/8/2023 18:40	12/9/2023 9:00	859.62	0
219948	12/8/2023 18:40	12/9/2023 9:00	859.75	0
656498	12/8/2023 18:40	12/9/2023 9:00	859.13	0
627018	12/8/2023 18:40	12/9/2023 9:00	859	0
679003	12/8/2023 18:40	12/9/2023 9:00	859.13	0
1599209	12/8/2023 18:41	12/9/2023 9:00	858.18	0
315088	12/8/2023 18:41	12/9/2023 9:00	858.75	0

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1432509	12/8/2023 18:42	12/9/2023 9:00	857.18	0
646026	12/8/2023 18:42	12/9/2023 9:00	857	0
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658642	12/8/2023 18:43	12/9/2023 9:00	856.13	0
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1353016	12/8/2023 18:43	12/9/2023 9:00	856.68	0
1415828	12/8/2023 18:43	12/9/2023 9:00	856.68	0
1343091	12/8/2023 18:43	12/9/2023 9:00	856.68	0
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26921	12/8/2023 18:51	12/9/2023 9:00	848.75	0
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8950281	12/8/2023 18:51	12/9/2023 9:00	848.75	0
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859747	12/8/2023 18:54	12/9/2023 9:00	845.13	0
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8621797	12/8/2023 18:57	12/9/2023 9:00	842.75	0
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1377303	12/8/2023 18:57	12/9/2023 9:00	842.68	0
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356505	12/8/2023 18:59	12/9/2023 9:00	840.9	0
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413869	12/8/2023 19:05	12/8/2023 19:06	0.35	0
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413869	12/8/2023 19:05	12/8/2023 19:05	0.65	0
413869	12/8/2023 19:06	12/8/2023 19:07	0.35	0
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413869	12/8/2023 19:07	12/8/2023 19:08	0.35	0
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413869	12/8/2023 19:08	12/8/2023 19:09	0.35	0
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413869	12/8/2023 19:10	12/8/2023 19:11	0.35	0
455345	12/8/2023 19:10	12/9/2023 9:00	829.9	0
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413869	12/8/2023 19:11	12/8/2023 19:12	0.35	0
1514000	12/8/2023 19:12	12/9/2023 9:00	827.18	0
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10433250	12/8/2023 19:15	12/9/2023 9:00	824.68	0
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413869	12/8/2023 19:46	12/8/2023 19:47	0.35	0
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23462	12/8/2023 19:50	12/9/2023 9:00	789.75	0
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413869	12/8/2023 19:52	12/8/2023 19:52	0.65	0
449377	12/8/2023 19:52	12/8/2023 21:01	69	0
413869	12/8/2023 19:52	12/8/2023 19:53	0.35	0
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413869	12/8/2023 19:56	12/8/2023 19:57	0.35	0
457978	12/8/2023 19:56	12/9/2023 9:00	783.9	0
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188639	12/8/2023 19:58	12/9/2023 9:00	781.75	0
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413869	12/8/2023 20:00	12/8/2023 20:01	0.35	0
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413869	12/8/2023 20:01	12/8/2023 20:02	0.35	0
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413869	12/8/2023 20:02	12/8/2023 20:03	0.35	0
1538299	12/8/2023 20:03	12/9/2023 9:00	776.18	0
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413869	12/8/2023 20:03	12/8/2023 20:03	0.65	0
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1537992	12/8/2023 20:04	12/9/2023 9:00	775.18	0
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413869	12/8/2023 20:05	12/8/2023 20:06	0.35	0
1554218	12/8/2023 20:06	12/9/2023 9:00	773.18	0
413869	12/8/2023 20:06	12/8/2023 20:06	0.65	0
413869	12/8/2023 20:06	12/8/2023 20:07	0.35	0
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413869	12/8/2023 20:10	12/8/2023 20:11	0.35	0
413869	12/8/2023 20:10	12/8/2023 20:10	0.65	0

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413869	12/8/2023 20:12	12/8/2023 20:13	0.35	0
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413869	12/8/2023 20:14	12/8/2023 20:29	15.65	0
1537547	12/8/2023 20:15	12/9/2023 9:00	764.18	0
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413869	12/8/2023 20:41	12/8/2023 20:42	0.35	0
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413869	12/8/2023 20:42	12/8/2023 20:43	0.35	0
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1556246	12/8/2023 20:44	12/9/2023 9:00	735.18	0
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413869	12/8/2023 20:46	12/8/2023 20:47	0.35	0
413869	12/8/2023 20:47	12/8/2023 20:47	0.65	0
413869	12/8/2023 20:47	12/8/2023 20:48	0.35	0
413869	12/8/2023 20:48	12/8/2023 20:48	0.65	0
413869	12/8/2023 20:48	12/8/2023 20:49	0.35	0
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413869	12/8/2023 20:52	12/8/2023 20:53	0.35	0
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413869	12/8/2023 20:56	12/8/2023 20:56	0.65	0
413869	12/8/2023 20:57	12/8/2023 20:58	0.35	0
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413869	12/8/2023 20:58	12/8/2023 20:59	0.35	0
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413869	12/8/2023 21:00	12/8/2023 21:00	0.65	0
413869	12/8/2023 21:00	12/8/2023 21:01	0.35	0
413869	12/8/2023 21:01	12/8/2023 21:01	0.65	0
413869	12/8/2023 21:01	12/8/2023 21:02	0.35	0
449377	12/8/2023 21:01	12/8/2023 21:53	52	0
413869	12/8/2023 21:02	12/8/2023 21:03	0.35	0
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413869	12/8/2023 21:03	12/8/2023 21:04	0.35	0
413869	12/8/2023 21:03	12/8/2023 21:03	0.65	0
413869	12/8/2023 21:04	12/8/2023 21:04	0.65	0
10691024	12/8/2023 21:04	12/8/2023 21:05	1	0
413869	12/8/2023 21:04	12/8/2023 21:05	0.35	0
413869	12/8/2023 21:05	12/8/2023 21:05	0.65	0
10691024	12/8/2023 21:05	12/8/2023 21:44	39	0
413869	12/8/2023 21:05	12/8/2023 21:06	0.35	0
413869	12/8/2023 21:06	12/8/2023 21:07	0.35	0
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413869	12/8/2023 21:07	12/8/2023 21:07	0.65	0

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413869	12/8/2023 21:13	12/8/2023 21:14	0.35	0
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413869	12/8/2023 21:36	12/8/2023 21:37	0.35	0
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413869	12/8/2023 21:37	12/8/2023 21:38	0.35	0
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413869	12/8/2023 21:38	12/8/2023 21:39	0.35	0
413869	12/8/2023 21:38	12/8/2023 21:38	0.65	0
413869	12/8/2023 21:39	12/8/2023 21:40	0.35	0
413869	12/8/2023 21:39	12/8/2023 21:39	0.65	0
413869	12/8/2023 21:40	12/8/2023 21:41	0.35	0
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1537447	12/8/2023 22:35	12/9/2023 9:00	624.18	0
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413869	12/8/2023 22:39	12/8/2023 22:40	0.35	0
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449377	12/8/2023 22:40	12/9/2023 0:20	100	0
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10691024	12/8/2023 22:44	12/8/2023 22:45	1	0

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413869	12/8/2023 22:45	12/8/2023 22:46	0.35	0
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413869	12/8/2023 22:46	12/8/2023 22:47	0.35	0
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413869	12/8/2023 23:02	12/8/2023 23:03	0.35	0
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413869	12/8/2023 23:04	12/8/2023 23:05	0.35	0
10691024	12/8/2023 23:04	12/8/2023 23:05	1	0
413869	12/8/2023 23:04	12/8/2023 23:04	0.65	0
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10691024	12/8/2023 23:24	12/8/2023 23:25	1	0
10691024	12/8/2023 23:25	12/9/2023 0:04	39	0
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413869	12/8/2023 23:43	12/8/2023 23:44	0.35	0

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413869	12/8/2023 23:53	12/8/2023 23:54	0.35	0
413869	12/8/2023 23:54	12/9/2023 9:00	545.85	0
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449377	12/9/2023 0:20	12/9/2023 0:46	26	0
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449377	12/9/2023 0:46	12/9/2023 2:05	79	0
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10691024	12/9/2023 1:45	12/9/2023 2:04	19	0
10691024	12/9/2023 2:04	12/9/2023 2:05	1	0
10691024	12/9/2023 2:05	12/9/2023 2:24	19	0
449377	12/9/2023 2:05	12/9/2023 2:26	21	0
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10691024	12/9/2023 2:25	12/9/2023 2:44	19	0
449377	12/9/2023 2:26	12/9/2023 5:09	163	0
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10691024	12/9/2023 2:45	12/9/2023 3:02	17	0

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314188	12/9/2023 14:19	12/9/2023 14:35	16	0
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1466638	12/9/2023 14:22	12/9/2023 16:39	137	0
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1683861	12/9/2023 14:23	12/9/2023 14:50	27	0
316997	12/9/2023 14:23	12/10/2023 9:00	1116.75	0
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1515733	12/9/2023 14:23	12/9/2023 14:38	15	0
510307	12/9/2023 14:23	12/9/2023 14:39	16	0
197883	12/9/2023 14:24	12/9/2023 18:51	267	0
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317797	12/9/2023 14:24	12/9/2023 16:09	105	0
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1346671	12/9/2023 18:42	12/10/2023 9:00	857.68	0
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324249	12/9/2023 18:43	12/10/2023 9:00	856.75	0
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1538102	12/9/2023 18:43	12/10/2023 9:00	856.18	0
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415949	12/9/2023 18:45	12/10/2023 9:00	854	0
679003	12/9/2023 18:45	12/10/2023 9:00	854	0
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303510	12/9/2023 18:45	12/10/2023 9:00	854.75	0
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314188	12/9/2023 18:46	12/10/2023 9:00	853.75	0
416557	12/9/2023 18:46	12/10/2023 9:00	853	0
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469018	12/9/2023 18:52	12/10/2023 9:00	847.9	0
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635459	12/10/2023 12:25	12/10/2023 18:05	340	0
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315752	12/10/2023 12:41	12/11/2023 9:00	1218.75	0
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312846	12/10/2023 12:41	12/11/2023 9:00	1218.75	0
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627289	12/11/2023 9:49	12/11/2023 10:37	48	0
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6761269	12/11/2023 10:13	12/11/2023 18:42	509	0
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7879030	12/11/2023 10:13	12/11/2023 14:14	241	0
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1405290	12/11/2023 10:29	12/11/2023 18:43	494	0
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1550318	12/11/2023 10:34	12/11/2023 18:48	494	0
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627018	12/11/2023 10:38	12/11/2023 18:25	467	0
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1671958	12/11/2023 10:46	12/11/2023 18:40	474	0
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324045	12/11/2023 10:51	12/11/2023 11:38	47	0
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605186	12/11/2023 10:53	12/11/2023 18:50	477	0
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378229	12/11/2023 10:58	12/11/2023 18:55	477	0
563721	12/11/2023 10:59	12/11/2023 18:40	461	0
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1387226	12/11/2023 11:07	12/11/2023 18:27	440	0
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315088	12/11/2023 11:07	12/11/2023 18:33	446	0.76
449377	12/11/2023 11:07	12/11/2023 11:13	5.13	0
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160073	12/11/2023 11:30	12/12/2023 9:00	1289	0
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740241	12/11/2023 12:06	12/11/2023 18:34	388	0
627289	12/11/2023 12:06	12/11/2023 18:40	394	0
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324290	12/11/2023 12:23	12/11/2023 14:24	121	0
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1609484	12/11/2023 13:48	12/11/2023 14:34	46	0
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549596	12/11/2023 14:11	12/11/2023 18:38	267	0
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6995795	12/11/2023 14:14	12/11/2023 18:42	268	0
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281056	12/11/2023 14:18	12/11/2023 18:50	272	0
1394365	12/11/2023 14:19	12/11/2023 15:17	58	0
309961	12/11/2023 14:20	12/11/2023 18:57	277	0
454861	12/11/2023 14:20	12/11/2023 15:02	42	0
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324045	12/11/2023 14:21	12/11/2023 14:37	16	0
454901	12/11/2023 14:21	12/11/2023 15:04	43	0
8590289	12/11/2023 14:21	12/11/2023 18:49	268	0
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308959	12/11/2023 14:21	12/11/2023 14:36	15	0
1393699	12/11/2023 14:22	12/11/2023 14:38	16	0
455345	12/11/2023 14:22	12/11/2023 15:04	42	0
511266	12/11/2023 14:22	12/11/2023 18:49	267	0
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324290	12/11/2023 14:24	12/11/2023 18:30	246	0
1019446	12/11/2023 14:24	12/11/2023 15:24	60	0
510307	12/11/2023 14:25	12/11/2023 18:37	252	0
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506261	12/11/2023 14:25	12/11/2023 18:42	257	0
8910809	12/11/2023 14:26	12/11/2023 14:58	32	0
380057	12/11/2023 14:26	12/11/2023 14:58	32	0

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328408	12/11/2023 14:35	12/11/2023 18:42	247	0
308959	12/11/2023 14:36	12/11/2023 18:53	257	0
323747	12/11/2023 14:36	12/11/2023 18:48	252	0
125572	12/11/2023 14:37	12/11/2023 18:58	261	0
324045	12/11/2023 14:37	12/11/2023 18:49	252	0
1332906	12/11/2023 14:38	12/11/2023 18:44	246	0
1393699	12/11/2023 14:38	12/11/2023 18:40	242	0
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10628562	12/11/2023 14:46	12/11/2023 18:52	246	0
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624953	12/11/2023 14:50	12/11/2023 18:31	221	0
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454861	12/11/2023 15:02	12/11/2023 18:42	220	0
457729	12/11/2023 15:03	12/11/2023 18:49	226	0
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9063373	12/11/2023 15:16	12/11/2023 18:51	215	0
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1019446	12/11/2023 15:24	12/11/2023 18:06	162	0
10013697	12/11/2023 15:25	12/11/2023 18:46	201	0
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619266	12/11/2023 17:15	12/12/2023 9:00	944	0
1272457	12/11/2023 17:39	12/11/2023 18:01	22	0
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658177	12/11/2023 18:21	12/12/2023 9:00	878	0
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1349542	12/11/2023 18:29	12/12/2023 9:00	870.68	0
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624953	12/11/2023 18:31	12/12/2023 9:00	868	0
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385332	12/11/2023 18:31	12/12/2023 9:00	868.9	0
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1446401	12/11/2023 18:34	12/12/2023 9:00	865.18	0
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740241	12/11/2023 18:34	12/12/2023 9:00	865	0
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1417138	12/11/2023 18:35	12/12/2023 9:00	864.68	0
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1524033	12/11/2023 18:36	12/12/2023 9:00	863.18	0
1433697	12/11/2023 18:36	12/11/2023 18:37	0.35	0
1556486	12/11/2023 18:36	12/12/2023 9:00	863	0
1415828	12/11/2023 18:36	12/12/2023 9:00	863.68	0
1350597	12/11/2023 18:36	12/12/2023 9:00	863	0
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350517	12/11/2023 18:37	12/12/2023 9:00	862	0
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1453263	12/11/2023 18:37	12/12/2023 9:00	862.18	0
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315346	12/11/2023 18:38	12/12/2023 9:00	861.75	0
1433697	12/11/2023 18:38	12/11/2023 18:38	0.65	0
456099	12/11/2023 18:38	12/12/2023 9:00	861.9	0
1377393	12/11/2023 18:38	12/12/2023 9:00	861	0
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1554218	12/11/2023 18:39	12/12/2023 9:00	860.18	0
1433697	12/11/2023 18:39	12/11/2023 18:39	0.65	0
1310926	12/11/2023 18:39	12/12/2023 9:00	860	0
1433697	12/11/2023 18:39	12/11/2023 18:40	0.35	0
10659831	12/11/2023 18:39	12/12/2023 9:00	860.18	0
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1433697	12/11/2023 18:40	12/11/2023 18:40	0.65	0
808384	12/11/2023 18:40	12/12/2023 9:00	859	0
197690	12/11/2023 18:40	12/12/2023 9:00	859.75	0
1378128	12/11/2023 18:40	12/12/2023 9:00	859.68	0
317797	12/11/2023 18:40	12/12/2023 9:00	859.75	0
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51483	12/11/2023 18:40	12/12/2023 9:00	859	0
1556565	12/11/2023 18:40	12/12/2023 9:00	859.18	0
417158	12/11/2023 18:40	12/12/2023 9:00	859	0
1433697	12/11/2023 18:40	12/11/2023 18:41	0.35	0
563721	12/11/2023 18:40	12/12/2023 9:00	859	0
627289	12/11/2023 18:40	12/12/2023 9:00	859	0
997397	12/11/2023 18:40	12/12/2023 9:00	859	0
1393699	12/11/2023 18:40	12/12/2023 9:00	859	0
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1671958	12/11/2023 18:40	12/12/2023 9:00	859	0
315345	12/11/2023 18:40	12/12/2023 9:00	859.75	0
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1433697	12/11/2023 18:41	12/11/2023 18:41	0.65	0
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1350104	12/11/2023 18:41	12/12/2023 9:00	858	0
196965	12/11/2023 18:42	12/12/2023 9:00	857	0
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1353016	12/11/2023 18:42	12/12/2023 9:00	857	0
1433697	12/11/2023 18:42	12/11/2023 18:42	0.65	0
328408	12/11/2023 18:42	12/12/2023 9:00	857	0
1433697	12/11/2023 18:42	12/11/2023 18:43	0.35	0
6995795	12/11/2023 18:42	12/12/2023 9:00	857	0
195839	12/11/2023 18:42	12/12/2023 9:00	857.75	0
1393633	12/11/2023 18:42	12/12/2023 9:00	857.68	0
1346410	12/11/2023 18:42	12/12/2023 9:00	857.68	0
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314188	12/11/2023 18:43	12/12/2023 9:00	856.75	0
1405290	12/11/2023 18:43	12/12/2023 9:00	856.68	0
1502969	12/11/2023 18:43	12/12/2023 9:00	856.68	0
1433697	12/11/2023 18:43	12/11/2023 18:43	0.65	0
323657	12/11/2023 18:43	12/12/2023 9:00	856.75	0
314945	12/11/2023 18:43	12/12/2023 9:00	856.75	0
1433697	12/11/2023 18:43	12/11/2023 18:44	0.35	0
196408	12/11/2023 18:43	12/12/2023 9:00	856	0
320966	12/11/2023 18:44	12/12/2023 9:00	855	0
498070	12/11/2023 18:44	12/12/2023 9:00	855	0
1597556	12/11/2023 18:44	12/12/2023 9:00	855.18	0
1081237	12/11/2023 18:44	12/11/2023 18:44	0.65	0
418876	12/11/2023 18:44	12/12/2023 9:00	855.9	0
1550815	12/11/2023 18:44	12/12/2023 9:00	855.18	0
1565203	12/11/2023 18:44	12/12/2023 9:00	855.18	0
1433697	12/11/2023 18:44	12/11/2023 18:45	0.35	0
1332906	12/11/2023 18:44	12/12/2023 9:00	855.68	0
455629	12/11/2023 18:44	12/12/2023 9:00	855	0
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454901	12/11/2023 18:44	12/12/2023 9:00	855.9	0
197561	12/11/2023 18:44	12/12/2023 9:00	855.75	0
342796	12/11/2023 18:44	12/12/2023 9:00	855.75	0
1081237	12/11/2023 18:44	12/11/2023 18:45	0.35	0
455994	12/11/2023 18:44	12/12/2023 9:00	855	0
1449371	12/11/2023 18:44	12/12/2023 9:00	855.18	0
1349338	12/11/2023 18:45	12/12/2023 9:00	854	0
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8734349	12/11/2023 18:45	12/12/2023 9:00	854	0
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1081237	12/11/2023 18:45	12/11/2023 18:46	0.35	0
315169	12/11/2023 18:45	12/12/2023 9:00	854.75	0

1349605	12/11/2023 18:45	12/12/2023 9:00	854.68	0
1433697	12/11/2023 18:45	12/11/2023 18:45	0.65	0
324249	12/11/2023 18:45	12/12/2023 9:00	854.75	0
1430294	12/11/2023 18:45	12/12/2023 9:00	854.18	0
859747	12/11/2023 18:45	12/12/2023 9:00	854	0
469018	12/11/2023 18:45	12/12/2023 9:00	854	0
1081237	12/11/2023 18:45	12/11/2023 18:45	0.65	0
1350598	12/11/2023 18:45	12/12/2023 9:00	854	0
275018	12/11/2023 18:45	12/12/2023 9:00	854.75	0
1433697	12/11/2023 18:45	12/11/2023 18:46	0.35	0
8495805	12/11/2023 18:46	12/12/2023 9:00	853.9	0
449377	12/11/2023 18:46	12/11/2023 19:22	36	0
1352967	12/11/2023 18:46	12/12/2023 9:00	853	0
197883	12/11/2023 18:46	12/12/2023 9:00	853.75	0
10013697	12/11/2023 18:46	12/12/2023 9:00	853.18	0
1433697	12/11/2023 18:46	12/11/2023 18:47	0.35	0
1433697	12/11/2023 18:46	12/11/2023 18:46	0.65	0
1081237	12/11/2023 18:46	12/11/2023 18:47	0.35	0
564518	12/11/2023 18:46	12/12/2023 9:00	853	0
1081237	12/11/2023 18:46	12/11/2023 18:46	0.65	0
349467	12/11/2023 18:46	12/12/2023 9:00	853.75	0
309265	12/11/2023 18:46	12/12/2023 9:00	853	0
346967	12/11/2023 18:46	12/12/2023 9:00	853.75	0
304295	12/11/2023 18:47	12/12/2023 9:00	852	0
1433697	12/11/2023 18:47	12/11/2023 18:48	0.35	0
1081237	12/11/2023 18:47	12/11/2023 18:48	0.35	0
424508	12/11/2023 18:47	12/12/2023 9:00	852	0
1515733	12/11/2023 18:47	12/12/2023 9:00	852.18	0
1081237	12/11/2023 18:47	12/11/2023 18:47	0.65	0
1351539	12/11/2023 18:47	12/12/2023 9:00	852.68	0
1433697	12/11/2023 18:47	12/11/2023 18:47	0.65	0
552210	12/11/2023 18:47	12/12/2023 9:00	852.9	0
1515964	12/11/2023 18:47	12/12/2023 9:00	852.18	0
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381982	12/11/2023 18:48	12/12/2023 9:00	851	0
523489	12/11/2023 18:48	12/12/2023 9:00	851.75	0
1081237	12/11/2023 18:48	12/11/2023 18:48	0.65	0
1433697	12/11/2023 18:48	12/11/2023 18:49	0.35	0
1512146	12/11/2023 18:48	12/12/2023 9:00	851.18	0
1546695	12/11/2023 18:48	12/12/2023 9:00	851.18	0
315306	12/11/2023 18:48	12/12/2023 9:00	851.75	0
1550318	12/11/2023 18:48	12/12/2023 9:00	851.18	0
323747	12/11/2023 18:48	12/12/2023 9:00	851	0
1433697	12/11/2023 18:48	12/11/2023 18:48	0.65	0
125704	12/11/2023 18:48	12/12/2023 9:00	851	0
1081237	12/11/2023 18:48	12/11/2023 18:49	0.35	0
195216	12/11/2023 18:48	12/12/2023 9:00	851.75	0

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267537	12/11/2023 18:49	12/12/2023 9:00	850.75	0
324045	12/11/2023 18:49	12/12/2023 9:00	850.75	0
1346455	12/11/2023 18:49	12/12/2023 9:00	850	0
8621797	12/11/2023 18:49	12/12/2023 9:00	850	0
1081237	12/11/2023 18:49	12/11/2023 18:50	0.35	0
7178975	12/11/2023 18:49	12/12/2023 9:00	850.75	0
8524544	12/11/2023 18:49	12/12/2023 9:00	850	0
315730	12/11/2023 18:49	12/12/2023 9:00	850.75	0
1081237	12/11/2023 18:49	12/11/2023 18:49	0.65	0
1433697	12/11/2023 18:49	12/11/2023 18:49	0.65	0
8590289	12/11/2023 18:49	12/12/2023 9:00	850	0
281235	12/11/2023 18:49	12/12/2023 9:00	850	0
457729	12/11/2023 18:49	12/12/2023 9:00	850	0
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345647	12/11/2023 18:50	12/12/2023 9:00	849	0
605186	12/11/2023 18:50	12/12/2023 9:00	849	0
1081237	12/11/2023 18:50	12/11/2023 18:50	0.65	0
1703519	12/11/2023 18:50	12/12/2023 9:00	849	0
498597	12/11/2023 18:50	12/12/2023 9:00	849.9	0
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317126	12/11/2023 18:50	12/12/2023 9:00	849	0
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8950281	12/11/2023 18:50	12/12/2023 9:00	849	0
353371	12/11/2023 18:50	12/12/2023 9:00	849.75	0
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507365	12/11/2023 18:50	12/12/2023 9:00	849	0
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1346665	12/11/2023 18:50	12/12/2023 9:00	849	0
281056	12/11/2023 18:50	12/12/2023 9:00	849.75	0
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1521914	12/11/2023 18:51	12/12/2023 9:00	848.18	0
1493132	12/11/2023 18:51	12/12/2023 9:00	848.68	0
1081237	12/11/2023 18:51	12/11/2023 18:51	0.65	0
1433697	12/11/2023 18:51	12/11/2023 18:51	0.65	0
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457978	12/11/2023 18:52	12/12/2023 9:00	847	0
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1433697	12/11/2023 19:31	12/11/2023 19:32	0.35	0
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1433697	12/11/2023 19:31	12/11/2023 19:31	0.65	0
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1433697	12/11/2023 19:59	12/11/2023 20:00	0.35	0
1081237	12/11/2023 19:59	12/11/2023 19:59	0.65	0
1081237	12/11/2023 19:59	12/11/2023 20:00	0.35	0
1081237	12/11/2023 20:00	12/11/2023 20:00	0.65	0
1081237	12/11/2023 20:00	12/11/2023 20:01	0.35	0
1433697	12/11/2023 20:00	12/11/2023 20:00	0.65	0
1433697	12/11/2023 20:00	12/11/2023 20:01	0.35	0
1433697	12/11/2023 20:01	12/11/2023 20:01	0.65	0
1154794	12/11/2023 20:01	12/12/2023 9:00	778	0
1433697	12/11/2023 20:01	12/11/2023 20:02	0.35	0
1081237	12/11/2023 20:01	12/11/2023 20:01	0.65	0
1081237	12/11/2023 20:01	12/11/2023 20:02	0.35	0
1433697	12/11/2023 20:02	12/11/2023 20:03	0.35	0
1433697	12/11/2023 20:02	12/11/2023 20:02	0.65	0
1081237	12/11/2023 20:02	12/11/2023 20:04	1.35	0
1081237	12/11/2023 20:02	12/11/2023 20:02	0.65	0
1433697	12/11/2023 20:03	12/11/2023 20:04	0.35	0
1433697	12/11/2023 20:03	12/11/2023 20:03	0.65	0
1433697	12/11/2023 20:04	12/11/2023 20:04	0.65	0
1081237	12/11/2023 20:04	12/11/2023 20:05	0.35	0
1081237	12/11/2023 20:04	12/11/2023 20:04	0.65	0
1433697	12/11/2023 20:04	12/11/2023 20:05	0.35	0
1081237	12/11/2023 20:05	12/11/2023 20:05	0.65	0
1433697	12/11/2023 20:05	12/11/2023 20:05	0.65	0
1081237	12/11/2023 20:05	12/11/2023 20:06	0.35	0
1433697	12/11/2023 20:05	12/11/2023 20:06	0.35	0

1433697	12/11/2023 20:06	12/11/2023 20:07	0.35	0
1081237	12/11/2023 20:06	12/11/2023 20:07	0.35	0
1433697	12/11/2023 20:06	12/11/2023 20:06	0.65	0
1081237	12/11/2023 20:06	12/11/2023 20:06	0.65	0
1081237	12/11/2023 20:07	12/11/2023 20:08	0.35	0
1433697	12/11/2023 20:07	12/11/2023 20:08	0.35	0
1081237	12/11/2023 20:07	12/11/2023 20:07	0.65	0
1433697	12/11/2023 20:07	12/11/2023 20:07	0.65	0
1081237	12/11/2023 20:08	12/11/2023 20:08	0.65	0
1433697	12/11/2023 20:08	12/11/2023 20:09	0.35	0
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1081237	12/11/2023 20:08	12/11/2023 20:09	0.35	0
1433697	12/11/2023 20:09	12/11/2023 20:09	0.65	0
1081237	12/11/2023 20:09	12/11/2023 20:09	0.65	0
1433697	12/11/2023 20:09	12/11/2023 20:10	1	0
1081237	12/11/2023 20:09	12/11/2023 20:10	0.35	0
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1433697	12/11/2023 20:10	12/11/2023 20:29	19	0
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1081237	12/11/2023 20:12	12/11/2023 20:13	0.35	0
1081237	12/11/2023 20:13	12/11/2023 20:13	0.65	0
1081237	12/11/2023 20:13	12/11/2023 20:14	0.35	0
1081237	12/11/2023 20:14	12/11/2023 20:14	0.65	0
1081237	12/11/2023 20:14	12/11/2023 20:15	0.35	0
449377	12/11/2023 20:15	12/11/2023 20:46	31	0
1081237	12/11/2023 20:15	12/11/2023 20:16	0.35	0
1081237	12/11/2023 20:15	12/11/2023 20:15	0.65	0
623069	12/11/2023 20:16	12/12/2023 9:00	763.9	0
1081237	12/11/2023 20:16	12/11/2023 20:16	0.65	0
1081237	12/11/2023 20:16	12/11/2023 20:17	0.35	0
1081237	12/11/2023 20:17	12/11/2023 20:17	0.65	0
1081237	12/11/2023 20:17	12/11/2023 20:18	0.35	0
1081237	12/11/2023 20:18	12/11/2023 20:19	0.35	0
1081237	12/11/2023 20:18	12/11/2023 20:18	0.65	0
1081237	12/11/2023 20:19	12/11/2023 20:19	0.65	0
1081237	12/11/2023 20:19	12/11/2023 20:20	0.35	0
1081237	12/11/2023 20:20	12/11/2023 20:20	0.65	0
1081237	12/11/2023 20:20	12/11/2023 20:21	0.35	0
1081237	12/11/2023 20:21	12/11/2023 20:21	0.65	0
1081237	12/11/2023 20:21	12/11/2023 20:22	0.35	0
1081237	12/11/2023 20:22	12/11/2023 20:23	1	0
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1081237	12/11/2023 20:23	12/11/2023 20:29	6	0
1433697	12/11/2023 20:29	12/11/2023 20:31	1.35	0

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1081237	12/11/2023 20:30	12/11/2023 20:31	0.35	0
1081237	12/11/2023 20:30	12/11/2023 20:30	0.65	0
1081237	12/11/2023 20:31	12/11/2023 20:32	0.35	0
1433697	12/11/2023 20:31	12/11/2023 20:31	0.65	0
1433697	12/11/2023 20:31	12/11/2023 20:32	0.35	0
1081237	12/11/2023 20:31	12/11/2023 20:31	0.65	0
1081237	12/11/2023 20:32	12/11/2023 20:33	0.35	0
1433697	12/11/2023 20:32	12/11/2023 20:32	0.65	0
1081237	12/11/2023 20:32	12/11/2023 20:32	0.65	0
1320646	12/11/2023 20:32	12/12/2023 9:00	747	0
1433697	12/11/2023 20:32	12/11/2023 20:33	0.35	0
1433697	12/11/2023 20:33	12/11/2023 20:34	0.35	0
1081237	12/11/2023 20:33	12/11/2023 20:33	0.65	0
1081237	12/11/2023 20:33	12/11/2023 20:34	0.35	0
1433697	12/11/2023 20:33	12/11/2023 20:33	0.65	0
1081237	12/11/2023 20:34	12/11/2023 20:35	0.35	0
1433697	12/11/2023 20:34	12/11/2023 20:34	0.65	0
1081237	12/11/2023 20:34	12/11/2023 20:34	0.65	0
1433697	12/11/2023 20:34	12/11/2023 20:35	0.35	0
1081237	12/11/2023 20:35	12/11/2023 20:35	0.65	0
1433697	12/11/2023 20:35	12/11/2023 20:35	0.65	0
1433697	12/11/2023 20:35	12/11/2023 20:36	0.35	0
1081237	12/11/2023 20:35	12/11/2023 20:36	0.35	0
1081237	12/11/2023 20:36	12/11/2023 20:37	0.35	0
1433697	12/11/2023 20:36	12/11/2023 20:36	0.65	0
1433697	12/11/2023 20:36	12/11/2023 20:37	0.35	0
1081237	12/11/2023 20:36	12/11/2023 20:36	0.65	0
1081237	12/11/2023 20:37	12/11/2023 20:38	0.35	0
1433697	12/11/2023 20:37	12/11/2023 20:37	0.65	0
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1433697	12/11/2023 20:37	12/11/2023 20:38	0.35	0
1433697	12/11/2023 20:38	12/11/2023 20:39	0.35	0
1081237	12/11/2023 20:38	12/11/2023 20:38	0.65	0
1081237	12/11/2023 20:38	12/11/2023 20:39	0.35	0
1433697	12/11/2023 20:38	12/11/2023 20:38	0.65	0
1081237	12/11/2023 20:39	12/11/2023 20:40	0.35	0
1081237	12/11/2023 20:39	12/11/2023 20:39	0.65	0
1433697	12/11/2023 20:39	12/11/2023 20:39	0.65	0
1433697	12/11/2023 20:39	12/11/2023 20:40	0.35	0
1433697	12/11/2023 20:40	12/11/2023 20:41	0.35	0
1378582	12/11/2023 20:40	12/12/2023 9:00	739.68	0
1433697	12/11/2023 20:40	12/11/2023 20:40	0.65	0
1081237	12/11/2023 20:40	12/11/2023 20:40	0.65	0
1081237	12/11/2023 20:40	12/11/2023 20:41	0.35	0
1081237	12/11/2023 20:41	12/11/2023 20:41	0.65	0
1433697	12/11/2023 20:41	12/11/2023 20:42	0.35	0

1433697	12/11/2023 20:41	12/11/2023 20:41	0.65	0
1081237	12/11/2023 20:41	12/11/2023 20:42	0.35	0
1081237	12/11/2023 20:42	12/11/2023 20:44	1.35	0
1433697	12/11/2023 20:42	12/11/2023 20:43	0.35	0
1433697	12/11/2023 20:42	12/11/2023 20:42	0.65	0
1081237	12/11/2023 20:42	12/11/2023 20:42	0.65	0
1433697	12/11/2023 20:43	12/11/2023 20:44	0.35	0
1433697	12/11/2023 20:43	12/11/2023 20:43	0.65	0
1081237	12/11/2023 20:44	12/11/2023 20:45	0.35	0
1433697	12/11/2023 20:44	12/11/2023 20:45	0.35	0
1433697	12/11/2023 20:44	12/11/2023 20:44	0.65	0
1081237	12/11/2023 20:44	12/11/2023 20:44	0.65	0
1081237	12/11/2023 20:45	12/11/2023 20:45	0.65	0
1081237	12/11/2023 20:45	12/11/2023 20:46	0.35	0
1433697	12/11/2023 20:45	12/11/2023 20:46	0.35	0
1433697	12/11/2023 20:45	12/11/2023 20:45	0.65	0
1081237	12/11/2023 20:46	12/11/2023 20:47	0.35	0
1081237	12/11/2023 20:46	12/11/2023 20:46	0.65	0
1433697	12/11/2023 20:46	12/11/2023 20:46	0.65	0
449377	12/11/2023 20:46	12/11/2023 21:08	22	0
1433697	12/11/2023 20:46	12/11/2023 20:47	0.35	0
1433697	12/11/2023 20:47	12/11/2023 20:47	0.65	0
1081237	12/11/2023 20:47	12/11/2023 20:47	0.65	0
1433697	12/11/2023 20:47	12/11/2023 20:48	0.35	0
1081237	12/11/2023 20:47	12/11/2023 20:48	0.35	0
1433697	12/11/2023 20:48	12/11/2023 20:49	0.35	0
1433697	12/11/2023 20:48	12/11/2023 20:48	0.65	0
1081237	12/11/2023 20:48	12/11/2023 20:48	0.65	0
1081237	12/11/2023 20:48	12/11/2023 20:49	0.35	0
1081237	12/11/2023 20:49	12/11/2023 20:49	0.65	0
1433697	12/11/2023 20:49	12/11/2023 20:51	1.35	0
1081237	12/11/2023 20:49	12/11/2023 20:50	0.35	0
1433697	12/11/2023 20:49	12/11/2023 20:49	0.65	0
1081237	12/11/2023 20:50	12/11/2023 20:50	0.65	0
1081237	12/11/2023 20:50	12/11/2023 20:51	0.35	0
1081237	12/11/2023 20:51	12/11/2023 20:51	0.65	0
1433697	12/11/2023 20:51	12/11/2023 20:52	0.35	0
1433697	12/11/2023 20:51	12/11/2023 20:51	0.65	0
1081237	12/11/2023 20:51	12/11/2023 20:52	0.35	0
1081237	12/11/2023 20:52	12/11/2023 20:53	0.35	0
1433697	12/11/2023 20:52	12/11/2023 20:52	0.65	0
1081237	12/11/2023 20:52	12/11/2023 20:52	0.65	0
1433697	12/11/2023 20:52	12/11/2023 20:53	0.35	0
1081237	12/11/2023 20:53	12/11/2023 20:54	0.35	0
1081237	12/11/2023 20:53	12/11/2023 20:53	0.65	0
1433697	12/11/2023 20:53	12/11/2023 20:53	0.65	0
1433697	12/11/2023 20:53	12/11/2023 20:54	0.35	0

1433697	12/11/2023 20:54	12/11/2023 20:54	0.65	0
1433697	12/11/2023 20:54	12/11/2023 20:55	0.35	0
1081237	12/11/2023 20:54	12/11/2023 20:55	0.35	0
1081237	12/11/2023 20:54	12/11/2023 20:54	0.65	0
1081237	12/11/2023 20:55	12/11/2023 20:55	0.65	0
1433697	12/11/2023 20:55	12/11/2023 20:55	0.65	0
1433697	12/11/2023 20:55	12/11/2023 20:56	0.35	0
1081237	12/11/2023 20:55	12/11/2023 20:56	0.35	0
1433697	12/11/2023 20:56	12/11/2023 20:56	0.65	0
1433697	12/11/2023 20:56	12/11/2023 20:57	0.35	0
1081237	12/11/2023 20:56	12/11/2023 20:57	0.35	0
1081237	12/11/2023 20:56	12/11/2023 20:56	0.65	0
1081237	12/11/2023 20:57	12/11/2023 20:58	0.35	0
1433697	12/11/2023 20:57	12/11/2023 20:57	0.65	0
1081237	12/11/2023 20:57	12/11/2023 20:57	0.65	0
1433697	12/11/2023 20:57	12/11/2023 20:58	0.35	0
1433697	12/11/2023 20:58	12/11/2023 20:59	0.35	0
1081237	12/11/2023 20:58	12/11/2023 20:59	0.35	0
1433697	12/11/2023 20:58	12/11/2023 20:58	0.65	0
1081237	12/11/2023 20:58	12/11/2023 20:58	0.65	0
1433697	12/11/2023 20:59	12/11/2023 21:00	0.35	0
1433697	12/11/2023 20:59	12/11/2023 20:59	0.65	0
1081237	12/11/2023 20:59	12/11/2023 20:59	0.65	0
1081237	12/11/2023 20:59	12/11/2023 21:00	0.35	0
1081237	12/11/2023 21:00	12/11/2023 21:00	0.65	0
1433697	12/11/2023 21:00	12/11/2023 21:01	0.35	0
1433697	12/11/2023 21:00	12/11/2023 21:00	0.65	0
1081237	12/11/2023 21:00	12/11/2023 21:01	0.35	0
1081237	12/11/2023 21:01	12/11/2023 21:02	0.35	0
1433697	12/11/2023 21:01	12/11/2023 21:01	0.65	0
1433697	12/11/2023 21:01	12/11/2023 21:02	0.35	0
1081237	12/11/2023 21:01	12/11/2023 21:01	0.65	0
1433697	12/11/2023 21:02	12/11/2023 21:02	0.65	0
1433697	12/11/2023 21:02	12/11/2023 21:03	0.35	0
1081237	12/11/2023 21:02	12/11/2023 21:02	0.65	0
1081237	12/11/2023 21:02	12/11/2023 21:04	1.35	0
1433697	12/11/2023 21:03	12/11/2023 21:04	0.35	0
1433697	12/11/2023 21:03	12/11/2023 21:03	0.65	0
1081237	12/11/2023 21:04	12/11/2023 21:04	0.65	0
1433697	12/11/2023 21:04	12/11/2023 21:04	0.65	0
1433697	12/11/2023 21:04	12/11/2023 21:05	0.35	0
1081237	12/11/2023 21:04	12/11/2023 21:05	0.35	0
1081237	12/11/2023 21:05	12/11/2023 21:05	0.65	0
1433697	12/11/2023 21:05	12/11/2023 21:05	0.65	0
1433697	12/11/2023 21:05	12/11/2023 21:06	0.35	0
1081237	12/11/2023 21:05	12/11/2023 21:06	0.35	0
1433697	12/11/2023 21:06	12/11/2023 21:07	0.35	0

1081237	12/11/2023 21:06	12/11/2023 21:07	0.35	0
1081237	12/11/2023 21:06	12/11/2023 21:06	0.65	0
1433697	12/11/2023 21:06	12/11/2023 21:06	0.65	0
1433697	12/11/2023 21:07	12/11/2023 21:07	0.65	0
1081237	12/11/2023 21:07	12/11/2023 21:08	0.35	0
1433697	12/11/2023 21:07	12/11/2023 21:08	0.35	0
1081237	12/11/2023 21:07	12/11/2023 21:07	0.65	0
449377	12/11/2023 21:08	12/11/2023 21:34	26	0
1433697	12/11/2023 21:08	12/11/2023 21:08	0.65	0
1081237	12/11/2023 21:08	12/11/2023 21:08	0.65	0
1433697	12/11/2023 21:08	12/11/2023 21:09	0.35	0
1081237	12/11/2023 21:08	12/11/2023 21:09	0.35	0
1081237	12/11/2023 21:09	12/11/2023 21:09	0.65	0
1081237	12/11/2023 21:09	12/11/2023 21:10	0.35	0
1433697	12/11/2023 21:09	12/11/2023 21:10	1	0
1433697	12/11/2023 21:09	12/11/2023 21:09	0.65	0
1433697	12/11/2023 21:10	12/11/2023 21:29	19	0
1081237	12/11/2023 21:10	12/11/2023 21:11	0.35	0
1081237	12/11/2023 21:10	12/11/2023 21:10	0.65	0
1081237	12/11/2023 21:11	12/11/2023 21:12	0.35	0
1081237	12/11/2023 21:11	12/11/2023 21:11	0.65	0
1081237	12/11/2023 21:12	12/11/2023 21:12	0.65	0
1020565	12/11/2023 21:12	12/12/2023 9:00	707.88	0
1081237	12/11/2023 21:12	12/11/2023 21:13	0.35	0
1081237	12/11/2023 21:13	12/11/2023 21:14	0.35	0
1081237	12/11/2023 21:13	12/11/2023 21:13	0.65	0
1081237	12/11/2023 21:14	12/11/2023 21:14	0.65	0
1081237	12/11/2023 21:14	12/11/2023 21:15	0.35	0
1081237	12/11/2023 21:15	12/11/2023 21:16	0.35	0
1081237	12/11/2023 21:15	12/11/2023 21:15	0.65	0
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1081237	12/11/2023 21:16	12/11/2023 21:17	0.35	0
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1081237	12/11/2023 21:18	12/11/2023 21:18	0.65	0
1081237	12/11/2023 21:18	12/11/2023 21:19	0.35	0
1081237	12/11/2023 21:19	12/11/2023 21:19	0.65	0
1081237	12/11/2023 21:19	12/11/2023 21:20	0.35	0
1081237	12/11/2023 21:20	12/11/2023 21:20	0.65	0
1081237	12/11/2023 21:20	12/11/2023 21:21	0.35	0
1081237	12/11/2023 21:21	12/11/2023 21:21	0.65	0
1081237	12/11/2023 21:21	12/11/2023 21:22	0.35	0
1081237	12/11/2023 21:22	12/11/2023 21:23	1	0
1081237	12/11/2023 21:22	12/11/2023 21:22	0.65	0
1081237	12/11/2023 21:23	12/11/2023 21:29	6	0
1081237	12/11/2023 21:29	12/11/2023 21:30	0.35	0
1433697	12/11/2023 21:29	12/11/2023 21:31	1.35	0

1081237	12/11/2023 21:30	12/11/2023 21:31	0.35	0
1081237	12/11/2023 21:30	12/11/2023 21:30	0.65	0
1081237	12/11/2023 21:31	12/11/2023 21:31	0.65	0
1081237	12/11/2023 21:31	12/11/2023 21:32	0.35	0
1433697	12/11/2023 21:31	12/11/2023 21:32	0.35	0
1433697	12/11/2023 21:31	12/11/2023 21:31	0.65	0
1081237	12/11/2023 21:32	12/11/2023 21:33	0.35	0
1081237	12/11/2023 21:32	12/11/2023 21:32	0.65	0
1433697	12/11/2023 21:32	12/11/2023 21:32	0.65	0
1433697	12/11/2023 21:32	12/11/2023 21:33	0.35	0
1433697	12/11/2023 21:33	12/11/2023 21:33	0.65	0
1081237	12/11/2023 21:33	12/11/2023 21:34	0.35	0
1433697	12/11/2023 21:33	12/11/2023 21:34	0.35	0
1081237	12/11/2023 21:33	12/11/2023 21:33	0.65	0
449377	12/11/2023 21:34	12/11/2023 22:10	36	0
1081237	12/11/2023 21:34	12/11/2023 21:35	0.35	0
1433697	12/11/2023 21:34	12/11/2023 21:35	0.35	0
1433697	12/11/2023 21:34	12/11/2023 21:34	0.65	0
1081237	12/11/2023 21:34	12/11/2023 21:34	0.65	0
1433697	12/11/2023 21:35	12/11/2023 21:35	0.65	0
1433697	12/11/2023 21:35	12/11/2023 21:36	0.35	0
1081237	12/11/2023 21:35	12/11/2023 21:35	0.65	0
1081237	12/11/2023 21:35	12/11/2023 21:36	0.35	0
1081237	12/11/2023 21:36	12/11/2023 21:37	0.35	0
1081237	12/11/2023 21:36	12/11/2023 21:36	0.65	0
1433697	12/11/2023 21:36	12/11/2023 21:37	0.35	0
1433697	12/11/2023 21:36	12/11/2023 21:36	0.65	0
1433697	12/11/2023 21:37	12/11/2023 21:37	0.65	0
1433697	12/11/2023 21:37	12/11/2023 21:38	0.35	0
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1081237	12/11/2023 21:37	12/11/2023 21:37	0.65	0
1081237	12/11/2023 21:38	12/11/2023 21:39	0.35	0
1433697	12/11/2023 21:38	12/11/2023 21:39	0.35	0
1081237	12/11/2023 21:38	12/11/2023 21:38	0.65	0
1433697	12/11/2023 21:38	12/11/2023 21:38	0.65	0
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1081237	12/11/2023 21:40	12/11/2023 21:41	0.35	0
1433697	12/11/2023 21:40	12/11/2023 21:41	0.35	0
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1081237	12/11/2023 21:40	12/11/2023 21:40	0.65	0
1081237	12/11/2023 21:41	12/11/2023 21:42	0.35	0
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1433697	12/11/2023 21:41	12/11/2023 21:41	0.65	0

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1081237	12/11/2023 21:45	12/11/2023 21:45	0.65	0
1433697	12/11/2023 21:45	12/11/2023 21:46	0.35	0
1081237	12/11/2023 21:45	12/11/2023 21:46	0.35	0
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1433697	12/11/2023 21:48	12/11/2023 21:48	0.65	0
1433697	12/11/2023 21:48	12/11/2023 21:49	0.35	0
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1433697	12/11/2023 21:56	12/11/2023 21:57	0.35	0
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1433697	12/11/2023 21:57	12/11/2023 21:58	0.35	0
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1081237	12/11/2023 21:58	12/12/2023 9:00	661.2	0
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1433697	12/11/2023 22:06	12/11/2023 22:07	0.35	0
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449377	12/11/2023 22:10	12/11/2023 23:42	92	0
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1433697	12/11/2023 22:41	12/11/2023 22:42	0.35	0
1433697	12/11/2023 22:42	12/11/2023 22:42	0.65	0
1433697	12/11/2023 22:42	12/11/2023 22:43	0.35	0
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1433697	12/11/2023 22:44	12/11/2023 22:45	0.35	0

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1433697	12/11/2023 22:47	12/11/2023 22:48	0.35	0
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1433697	12/11/2023 22:58	12/11/2023 22:59	0.35	0
1433697	12/11/2023 22:58	12/11/2023 22:58	0.65	0
1433697	12/11/2023 22:59	12/11/2023 23:00	0.35	0
1433697	12/11/2023 22:59	12/11/2023 22:59	0.65	0
1433697	12/11/2023 23:00	12/11/2023 23:01	0.35	0
1433697	12/11/2023 23:00	12/11/2023 23:00	0.65	0
1433697	12/11/2023 23:01	12/11/2023 23:02	0.35	0
1433697	12/11/2023 23:01	12/11/2023 23:01	0.65	0
1433697	12/11/2023 23:02	12/11/2023 23:02	0.65	0
1433697	12/11/2023 23:02	12/11/2023 23:03	0.35	0
1433697	12/11/2023 23:03	12/11/2023 23:04	0.35	0
1433697	12/11/2023 23:03	12/11/2023 23:03	0.65	0
1433697	12/11/2023 23:04	12/11/2023 23:04	0.65	0
1433697	12/11/2023 23:04	12/11/2023 23:05	0.35	0
1433697	12/11/2023 23:05	12/11/2023 23:06	0.35	0
1433697	12/11/2023 23:05	12/11/2023 23:05	0.65	0
1433697	12/11/2023 23:06	12/11/2023 23:06	0.65	0
1433697	12/11/2023 23:06	12/11/2023 23:07	0.35	0
1433697	12/11/2023 23:07	12/11/2023 23:07	0.65	0
1433697	12/11/2023 23:07	12/11/2023 23:08	0.35	0
1433697	12/11/2023 23:08	12/11/2023 23:09	0.35	0
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1433697	12/11/2023 23:09	12/11/2023 23:10	1	0

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174815	12/11/2023 23:15	12/12/2023 9:00	584.75	0
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1433697	12/11/2023 23:32	12/11/2023 23:32	0.65	0
1433697	12/11/2023 23:32	12/11/2023 23:33	0.35	0
1433697	12/11/2023 23:33	12/11/2023 23:34	0.35	0
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1433697	12/11/2023 23:34	12/11/2023 23:35	0.35	0
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1433697	12/11/2023 23:38	12/11/2023 23:39	0.35	0
1433697	12/11/2023 23:39	12/11/2023 23:40	0.35	0
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1433697	12/11/2023 23:40	12/11/2023 23:40	0.65	0
1433697	12/11/2023 23:40	12/11/2023 23:41	0.35	0
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1433697	12/11/2023 23:41	12/11/2023 23:41	0.65	0
1433697	12/11/2023 23:42	12/11/2023 23:42	0.65	0
449377	12/11/2023 23:42	12/12/2023 0:01	19	0
1433697	12/11/2023 23:42	12/11/2023 23:43	0.35	0
1433697	12/11/2023 23:43	12/11/2023 23:44	0.35	0
1433697	12/11/2023 23:43	12/11/2023 23:43	0.65	0
1433697	12/11/2023 23:44	12/11/2023 23:45	0.35	0
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1433697	12/11/2023 23:45	12/11/2023 23:45	0.65	0
1433697	12/11/2023 23:45	12/11/2023 23:46	0.35	0
1433697	12/11/2023 23:46	12/11/2023 23:46	0.65	0
1433697	12/11/2023 23:46	12/11/2023 23:47	0.35	0
1433697	12/11/2023 23:47	12/11/2023 23:47	0.65	0
1433697	12/11/2023 23:47	12/11/2023 23:48	0.35	0
1433697	12/11/2023 23:48	12/11/2023 23:48	0.65	0
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1433697	12/11/2023 23:52	12/11/2023 23:52	0.65	0

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1433697	12/11/2023 23:54	12/11/2023 23:55	0.35	0
1433697	12/11/2023 23:54	12/11/2023 23:54	0.65	0
1433697	12/11/2023 23:55	12/11/2023 23:56	0.35	0
1433697	12/11/2023 23:55	12/11/2023 23:55	0.65	0
1433697	12/11/2023 23:56	12/11/2023 23:56	0.65	0
1433697	12/11/2023 23:56	12/11/2023 23:57	0.35	0
1433697	12/11/2023 23:57	12/11/2023 23:57	0.65	0
1433697	12/11/2023 23:57	12/11/2023 23:58	0.35	0
1433697	12/11/2023 23:58	12/11/2023 23:58	0.65	0
1433697	12/11/2023 23:58	12/11/2023 23:59	0.35	0
1433697	12/11/2023 23:59	12/12/2023 0:00	0.35	0
1433697	12/11/2023 23:59	12/11/2023 23:59	0.65	0
1433697	12/12/2023 0:00	12/12/2023 0:01	0.35	0
1433697	12/12/2023 0:00	12/12/2023 0:00	0.65	0
1433697	12/12/2023 0:01	12/12/2023 0:02	0.35	0
449377	12/12/2023 0:01	12/12/2023 0:42	41	0
1433697	12/12/2023 0:01	12/12/2023 0:01	0.65	0
1433697	12/12/2023 0:02	12/12/2023 0:02	0.65	0
1433697	12/12/2023 0:02	12/12/2023 0:03	0.35	0
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1433697	12/12/2023 0:03	12/12/2023 0:03	0.65	0
1433697	12/12/2023 0:04	12/12/2023 0:05	0.35	0
1433697	12/12/2023 0:04	12/12/2023 0:04	0.65	0
1433697	12/12/2023 0:05	12/12/2023 0:06	0.35	0
1433697	12/12/2023 0:05	12/12/2023 0:05	0.65	0
1433697	12/12/2023 0:06	12/12/2023 0:06	0.65	0
1433697	12/12/2023 0:06	12/12/2023 0:07	0.35	0
1433697	12/12/2023 0:07	12/12/2023 0:08	0.35	0
1433697	12/12/2023 0:07	12/12/2023 0:07	0.65	0
1433697	12/12/2023 0:08	12/12/2023 0:09	0.35	0
1433697	12/12/2023 0:08	12/12/2023 0:08	0.65	0
1433697	12/12/2023 0:09	12/12/2023 0:09	0.65	0
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449377	12/12/2023 0:42	12/12/2023 1:08	26	0
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1272457	12/12/2023 3:37	12/12/2023 8:05	268	0
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449377	12/12/2023 6:38	12/12/2023 7:31	53	0
449377	12/12/2023 7:31	12/12/2023 7:47	16	0
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1272457	12/12/2023 8:05	12/12/2023 9:00	54.68	0
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1553065	12/12/2023 8:09	12/12/2023 9:00	50.18	0
1445317	12/12/2023 8:09	12/12/2023 9:00	50.18	0
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308959	12/12/2023 8:17	12/12/2023 9:00	42.75	0
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7902724	12/12/2023 8:33	12/12/2023 9:00	26.75	0
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8511623	12/12/2023 8:51	12/12/2023 9:00	8.75	0
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368806	12/12/2023 9:07	12/12/2023 18:44	577	0
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279833	12/12/2023 9:36	12/12/2023 14:19	283	0
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1394365	12/12/2023 9:37	12/12/2023 18:57	560	0
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315345	12/12/2023 9:37	12/12/2023 18:50	553	0
4173986	12/12/2023 9:38	12/12/2023 18:58	560	0
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274522	12/12/2023 9:38	12/12/2023 14:21	283	0.93
800576	12/12/2023 9:38	12/12/2023 18:39	541	0
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1538195	12/12/2023 9:50	12/12/2023 11:51	121	0
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26864	12/12/2023 9:56	12/12/2023 10:12	16	0

6761269	12/12/2023 9:56	12/12/2023 11:40	104	0
23566	12/12/2023 9:56	12/12/2023 10:59	63	0
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324290	12/12/2023 10:06	12/12/2023 14:23	257	0
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1555609	12/12/2023 10:08	12/12/2023 18:47	519	0
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8486022	12/12/2023 10:11	12/12/2023 16:55	404	0
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26864	12/12/2023 10:12	12/12/2023 11:31	79	0
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350346	12/12/2023 10:49	12/12/2023 10:59	10	0
350406	12/12/2023 10:49	12/12/2023 18:55	486	0
455345	12/12/2023 10:50	12/12/2023 11:36	46	0
7902724	12/12/2023 10:51	12/12/2023 18:57	486	0
70866	12/12/2023 10:51	12/13/2023 9:00	1328.75	0
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198082	12/12/2023 10:52	12/12/2023 11:08	16	0
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316997	12/12/2023 10:53	12/12/2023 19:01	488	0

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1453263	12/12/2023 10:54	12/12/2023 18:46	472	0
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125572	12/12/2023 10:55	12/12/2023 18:59	484	0.65
1321750	12/12/2023 10:55	12/12/2023 18:41	466	2.24
195839	12/12/2023 10:55	12/12/2023 18:46	471	0
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449377	12/12/2023 10:56	12/12/2023 11:41	45	0
1685480	12/12/2023 10:56	12/13/2023 9:00	1323.68	0.03
317126	12/12/2023 10:57	12/12/2023 18:58	481	0
23462	12/12/2023 10:57	12/12/2023 11:12	15	0
1320619	12/12/2023 10:57	12/12/2023 18:40	463	0
507365	12/12/2023 10:58	12/12/2023 18:51	473	0
23566	12/12/2023 10:59	12/12/2023 11:15	16	0
350346	12/12/2023 10:59	12/12/2023 18:41	462	0
378229	12/12/2023 10:59	12/12/2023 18:55	476	0
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54282	12/12/2023 11:02	12/13/2023 9:00	1317.75	0
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8950281	12/12/2023 11:04	12/12/2023 11:19	15	0
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328113	12/12/2023 11:05	12/12/2023 18:45	460	0
314188	12/12/2023 11:05	12/12/2023 11:21	16	0
315730	12/12/2023 11:05	12/12/2023 18:53	468	0
190372	12/12/2023 11:06	12/13/2023 9:00	1313.75	0
69207	12/12/2023 11:06	12/12/2023 19:05	479	0

197356	12/12/2023 11:06	12/12/2023 18:57	471	0
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195216	12/12/2023 11:09	12/12/2023 19:02	473	0
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196965	12/12/2023 11:10	12/12/2023 19:02	472	0
318402	12/12/2023 11:10	12/12/2023 18:47	457	0
8590289	12/12/2023 11:10	12/12/2023 18:50	460	0
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29848	12/12/2023 11:12	12/12/2023 11:28	16	0
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1393633	12/12/2023 11:14	12/12/2023 17:01	347	0.73
587455	12/12/2023 11:15	12/12/2023 11:31	16	0
29635	12/12/2023 11:15	12/12/2023 18:51	456	0
23566	12/12/2023 11:15	12/12/2023 18:57	462	0
7178975	12/12/2023 11:16	12/12/2023 18:58	462	0
1573666	12/12/2023 11:17	12/12/2023 18:50	453	0
55232	12/12/2023 11:17	12/12/2023 19:05	468	0
315169	12/12/2023 11:18	12/12/2023 19:22	484	0
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34833	12/12/2023 11:24	12/13/2023 9:00	1295.75	0

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1557188	12/12/2023 11:36	12/12/2023 11:52	16	0
369195	12/12/2023 11:36	12/12/2023 11:52	16	0.08
455345	12/12/2023 11:36	12/12/2023 14:19	163	0
328408	12/12/2023 11:36	12/12/2023 12:23	47	0
601397	12/12/2023 11:36	12/12/2023 11:52	16	0
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1672454	12/12/2023 11:37	12/12/2023 18:53	436	0
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96751	12/12/2023 11:37	12/12/2023 11:54	17	0
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605186	12/12/2023 11:39	12/12/2023 18:55	436	0
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1493132	12/12/2023 12:01	12/12/2023 12:42	41	0
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265955	12/12/2023 12:01	12/12/2023 18:49	408	0
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7937779	12/12/2023 12:04	12/12/2023 12:43	39	0
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1538299	12/12/2023 12:05	12/12/2023 18:44	399	0
371728	12/12/2023 12:05	12/13/2023 9:00	1254.9	0
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224277	12/12/2023 12:10	12/13/2023 9:00	1249.75	0

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6761269	12/12/2023 12:12	12/12/2023 14:13	121	0
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627289	12/12/2023 12:21	12/12/2023 14:06	105	0
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328408	12/12/2023 12:23	12/12/2023 13:05	42	0
1521914	12/12/2023 12:31	12/12/2023 19:00	389	0
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100594	12/12/2023 13:06	12/13/2023 9:00	1193.75	0
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624628	12/12/2023 14:06	12/12/2023 14:22	16	0
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627018	12/12/2023 14:08	12/12/2023 14:23	15	0
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275018	12/12/2023 14:18	12/12/2023 14:35	17	0
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454901	12/12/2023 14:19	12/12/2023 14:38	19	0

279833	12/12/2023 14:19	12/12/2023 15:07	48	0
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276488	12/12/2023 14:21	12/12/2023 15:03	42	0
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266010	12/12/2023 14:21	12/12/2023 18:43	262	0
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508593	12/12/2023 14:22	12/12/2023 14:38	16	0
627289	12/12/2023 14:22	12/12/2023 14:53	31	0
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627018	12/12/2023 14:23	12/12/2023 14:55	32	0
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455994	12/12/2023 14:23	12/12/2023 14:38	15	0
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455345	12/12/2023 14:35	12/12/2023 18:57	262	0
275018	12/12/2023 14:35	12/12/2023 18:46	251	0
281332	12/12/2023 14:37	12/12/2023 18:58	261	0
506261	12/12/2023 14:37	12/12/2023 18:49	252	0
454901	12/12/2023 14:38	12/12/2023 18:52	254	0
280364	12/12/2023 14:38	12/12/2023 18:57	259	0
325050	12/12/2023 14:38	12/12/2023 18:46	248	0
574596	12/12/2023 14:38	12/12/2023 18:52	254	0
454861	12/12/2023 14:38	12/12/2023 18:50	252	0
508593	12/12/2023 14:38	12/12/2023 18:50	252	0
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449036	12/12/2023 14:38	12/12/2023 18:47	249	0
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194996	12/12/2023 14:55	12/13/2023 9:00	1084.75	0
627018	12/12/2023 14:55	12/12/2023 18:46	231	0
276488	12/12/2023 15:03	12/12/2023 19:00	237	0
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455994	12/12/2023 15:04	12/12/2023 15:19	15	0
8668965	12/12/2023 15:04	12/12/2023 18:41	217	0
199337	12/12/2023 15:05	12/12/2023 18:58	233	0
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198082	12/12/2023 15:14	12/13/2023 9:00	1065.75	0
519373	12/12/2023 15:16	12/13/2023 9:00	1063.75	0
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324249	12/12/2023 15:37	12/12/2023 15:53	16	0
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510522	12/12/2023 15:41	12/12/2023 18:50	189	0
449377	12/12/2023 15:43	12/12/2023 15:58	15	0
8972545	12/12/2023 15:48	12/12/2023 18:46	178	0
323657	12/12/2023 15:52	12/12/2023 19:02	190	0

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1446401	12/12/2023 16:54	12/13/2023 9:00	965.18	0
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1444809	12/12/2023 17:25	12/13/2023 2:55	570	0
449377	12/12/2023 17:36	12/12/2023 18:24	48	0
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9063373	12/12/2023 18:56	12/13/2023 9:00	843.68	0
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29848	12/12/2023 18:59	12/13/2023 9:00	840.75	0
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97805	12/12/2023 19:05	12/13/2023 9:00	834.75	0

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9399863	12/12/2023 19:08	12/13/2023 9:00	831.75	0
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315169	12/13/2023 10:02	12/13/2023 18:47	525	0
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1093833	12/13/2023 11:23	12/13/2023 18:45	442	0
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8590289	12/13/2023 11:25	12/13/2023 14:29	184	0

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328570	12/13/2023 12:01	12/13/2023 12:17	16	0

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1343695	12/13/2023 18:39	12/14/2023 9:00	860.68	0
988954	12/13/2023 18:40	12/14/2023 9:00	859.88	0
800576	12/13/2023 18:40	12/14/2023 9:00	859.62	0
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1463218	12/13/2023 18:42	12/14/2023 9:00	857.18	0
350346	12/13/2023 18:42	12/14/2023 9:00	857.75	0
593798	12/13/2023 18:43	12/14/2023 9:00	856.9	0
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627018	12/13/2023 18:43	12/14/2023 9:00	856.9	0
955448	12/13/2023 18:43	12/14/2023 9:00	856.88	0
1368745	12/13/2023 18:43	12/14/2023 9:00	856.68	0
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317233	12/13/2023 18:44	12/14/2023 9:00	855.75	0
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6761269	12/13/2023 18:45	12/14/2023 9:00	854.75	0
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1503634	12/13/2023 18:45	12/14/2023 9:00	854.68	0
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1431752	12/13/2023 18:46	12/14/2023 9:00	853.18	0
1405153	12/13/2023 18:46	12/14/2023 9:00	853.68	0
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1446401	12/13/2023 18:46	12/14/2023 9:00	853.18	0
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315088	12/13/2023 18:46	12/14/2023 9:00	853.75	0
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624953	12/13/2023 18:47	12/14/2023 9:00	852.9	0
506261	12/13/2023 18:47	12/14/2023 9:00	852.9	0
6995795	12/13/2023 18:47	12/14/2023 9:00	852.9	0
342796	12/13/2023 18:47	12/14/2023 9:00	852.75	0
1538299	12/13/2023 18:47	12/14/2023 9:00	852.18	0

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328113	12/13/2023 18:49	12/14/2023 9:00	850.75	0
309265	12/13/2023 18:49	12/14/2023 9:00	850.75	0
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454861	12/13/2023 18:57	12/14/2023 9:00	842.9	0
267367	12/13/2023 18:57	12/14/2023 9:00	842.75	0
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317084	12/13/2023 18:58	12/14/2023 9:00	841.75	0
457978	12/13/2023 18:58	12/14/2023 9:00	841.9	0
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9399863	12/13/2023 18:59	12/14/2023 9:00	840.75	0
7518767	12/13/2023 18:59	12/14/2023 9:00	840.75	0
346967	12/13/2023 18:59	12/14/2023 9:00	840.75	0
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315306	12/13/2023 19:00	12/14/2023 9:00	839.75	0
1353525	12/13/2023 19:00	12/14/2023 9:00	839.68	0
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6828301	12/13/2023 19:07	12/14/2023 9:00	832.75	0
1538195	12/13/2023 19:09	12/14/2023 9:00	830.18	0
197690	12/13/2023 19:11	12/14/2023 9:00	828.75	0
324045	12/13/2023 19:12	12/14/2023 9:00	827.75	0
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449377	12/13/2023 19:50	12/13/2023 21:42	112	0
280364	12/13/2023 19:50	12/14/2023 9:00	789.75	0

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449377	12/13/2023 21:42	12/13/2023 23:56	134	0
174815	12/13/2023 22:52	12/14/2023 9:00	607.75	0
449377	12/13/2023 23:56	12/14/2023 0:12	16	0
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449377	12/14/2023 0:12	12/14/2023 0:28	16	0
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449377	12/14/2023 0:50	12/14/2023 1:08	18	0
500145	12/14/2023 0:50	12/14/2023 9:00	489.9	0
195216	12/14/2023 1:02	12/14/2023 9:00	477.75	0
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449377	12/14/2023 7:42	12/14/2023 7:52	10	0
449377	12/14/2023 7:52	12/14/2023 8:34	42	0
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1272457	12/14/2023 8:02	12/14/2023 9:00	57.68	0
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1433348	12/14/2023 8:10	12/14/2023 9:00	49.18	0
1432940	12/14/2023 8:11	12/14/2023 9:00	48.18	0
1377303	12/14/2023 8:11	12/14/2023 9:00	48.68	0
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1349502	12/14/2023 8:24	12/14/2023 9:00	35.68	0
1350598	12/14/2023 8:25	12/14/2023 9:00	34.68	0
65245	12/14/2023 8:34	12/14/2023 9:00	25.75	0
449377	12/14/2023 8:34	12/14/2023 9:00	25.9	0

308959	12/14/2023 8:35	12/14/2023 9:00	24.75	0
7902724	12/14/2023 8:35	12/14/2023 9:00	24.75	0
1093889	12/14/2023 8:35	12/14/2023 9:00	24.9	0
1093722	12/14/2023 8:40	12/14/2023 9:00	19.9	0
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319279	12/14/2023 9:00	12/15/2023 9:00	1439.75	0
1595351	12/14/2023 9:00	12/14/2023 13:52	292	0
10628562	12/14/2023 9:00	12/15/2023 9:00	1439.18	0
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174815	12/14/2023 9:00	12/15/2023 9:00	1439.75	0
1609484	12/14/2023 9:00	12/14/2023 11:33	153	0
353728	12/14/2023 9:00	12/15/2023 9:00	1439.75	0
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1552447	12/14/2023 9:00	12/15/2023 9:00	1439.18	0
449377	12/14/2023 9:00	12/14/2023 11:11	131	0
1453263	12/14/2023 9:00	12/14/2023 10:23	83	0
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324290	12/14/2023 9:02	12/14/2023 16:38	456	0
1394324	12/14/2023 9:08	12/14/2023 18:56	588	0
174902	12/14/2023 9:08	12/15/2023 9:00	1431.75	0
8511623	12/14/2023 9:10	12/14/2023 18:56	586	0
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279833	12/14/2023 9:40	12/14/2023 18:48	548	0
318402	12/14/2023 9:40	12/14/2023 11:10	90	0
523489	12/14/2023 9:40	12/14/2023 19:09	569	0.08
8104722	12/14/2023 9:41	12/14/2023 11:09	88	0
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317797	12/14/2023 9:42	12/14/2023 18:47	545	0
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315345	12/14/2023 9:43	12/14/2023 18:53	550	0
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8972545	12/14/2023 12:37	12/14/2023 14:38	121	0
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1556352	12/14/2023 14:04	12/14/2023 18:42	278	0
1556486	12/14/2023 14:05	12/14/2023 18:48	283	0
601397	12/14/2023 14:05	12/14/2023 19:00	295	0
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325050	12/14/2023 14:07	12/14/2023 14:39	32	0
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24369	12/14/2023 14:08	12/15/2023 9:00	1131.75	0
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23566	12/14/2023 14:25	12/14/2023 18:53	268	0
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506261	12/14/2023 14:40	12/14/2023 18:48	248	0

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1685329	12/14/2023 14:53	12/14/2023 18:49	236	0
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1343695	12/14/2023 18:37	12/15/2023 9:00	862.68	0
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800576	12/14/2023 18:38	12/15/2023 9:00	861.62	0
1566872	12/14/2023 18:38	12/15/2023 9:00	861.18	0
1417279	12/14/2023 18:39	12/15/2023 9:00	860.68	0
656343	12/14/2023 18:39	12/15/2023 9:00	860.62	0
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1556565	12/14/2023 18:40	12/15/2023 9:00	859.18	0
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955448	12/14/2023 18:41	12/15/2023 9:00	858.88	0
8668965	12/14/2023 18:41	12/15/2023 9:00	858.9	0
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1349244	12/14/2023 18:42	12/15/2023 9:00	857.68	0
627018	12/14/2023 18:42	12/15/2023 9:00	857.9	0
1609484	12/14/2023 18:43	12/15/2023 9:00	856.18	0

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1393699	12/14/2023 18:43	12/15/2023 9:00	856.68	0
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1503634	12/14/2023 18:43	12/15/2023 9:00	856.68	0
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328911	12/14/2023 18:43	12/15/2023 9:00	856.75	0
1498622	12/14/2023 18:43	12/15/2023 9:00	856.68	0
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1350499	12/14/2023 18:44	12/15/2023 9:00	855.68	0
266010	12/14/2023 18:44	12/15/2023 9:00	855.75	0
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324290	12/14/2023 18:45	12/15/2023 9:00	854.75	0
315088	12/14/2023 18:45	12/15/2023 9:00	854.75	0
8972545	12/14/2023 18:45	12/15/2023 9:00	854.9	0
1555609	12/14/2023 18:45	12/15/2023 9:00	854.18	0
7879030	12/14/2023 18:45	12/15/2023 9:00	854.9	0
1348773	12/14/2023 18:45	12/15/2023 9:00	854.68	0
325050	12/14/2023 18:45	12/15/2023 9:00	854.75	0
346288	12/14/2023 18:46	12/15/2023 9:00	853.75	0
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1446401	12/14/2023 18:46	12/15/2023 9:00	853.18	0
558031	12/14/2023 18:46	12/15/2023 9:00	853.9	0
314188	12/14/2023 18:46	12/15/2023 9:00	853.75	0
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449036	12/14/2023 18:47	12/15/2023 9:00	852.9	0

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195839	12/14/2023 18:47	12/15/2023 9:00	852.75	0
1546695	12/14/2023 18:47	12/15/2023 9:00	852.18	0
328113	12/14/2023 18:47	12/15/2023 9:00	852.75	0
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1430294	12/14/2023 18:47	12/15/2023 9:00	852.18	0
1393633	12/14/2023 18:47	12/15/2023 9:00	852.68	0
511223	12/14/2023 18:47	12/15/2023 9:00	852.9	0
197561	12/14/2023 18:47	12/15/2023 9:00	852.75	0
593366	12/14/2023 18:47	12/15/2023 9:00	852.9	0
498070	12/14/2023 18:48	12/15/2023 9:00	851.9	0
314899	12/14/2023 18:48	12/15/2023 9:00	851.75	0
593397	12/14/2023 18:48	12/15/2023 9:00	851.9	0
1556486	12/14/2023 18:48	12/15/2023 9:00	851.18	0
506261	12/14/2023 18:48	12/15/2023 9:00	851.9	0
281332	12/14/2023 18:48	12/15/2023 9:00	851.75	0
1349338	12/14/2023 18:48	12/15/2023 9:00	851.68	0
1595324	12/14/2023 18:48	12/15/2023 9:00	851.18	0
196408	12/14/2023 18:48	12/15/2023 9:00	851.75	0
1350104	12/14/2023 18:48	12/15/2023 9:00	851.68	0
1417138	12/14/2023 18:48	12/15/2023 9:00	851.68	0
1320646	12/14/2023 18:48	12/15/2023 9:00	851.68	0
539938	12/14/2023 18:48	12/15/2023 9:00	851.9	0
1498610	12/14/2023 18:48	12/15/2023 9:00	851.68	0
564518	12/14/2023 18:48	12/15/2023 9:00	851.9	0
279833	12/14/2023 18:48	12/15/2023 9:00	851.75	0
315169	12/14/2023 18:48	12/15/2023 9:00	851.75	0
8434548	12/14/2023 18:48	12/15/2023 9:00	851.75	0
8524544	12/14/2023 18:48	12/15/2023 9:00	851.75	0
1092960	12/14/2023 18:48	12/15/2023 9:00	851.9	0
1432509	12/14/2023 18:49	12/15/2023 9:00	850.18	0
6761269	12/14/2023 18:49	12/15/2023 9:00	850.75	0
197883	12/14/2023 18:49	12/15/2023 9:00	850.75	0
8910809	12/14/2023 18:49	12/15/2023 9:00	850.9	0
1349502	12/14/2023 18:49	12/15/2023 9:00	850.68	0
280749	12/14/2023 18:49	12/15/2023 9:00	850.75	0
624628	12/14/2023 18:49	12/15/2023 9:00	850.9	0
1346410	12/14/2023 18:49	12/15/2023 9:00	850.68	0
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1547808	12/14/2023 18:49	12/15/2023 9:00	850.18	0
196965	12/14/2023 18:49	12/15/2023 9:00	850.75	0
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456099	12/14/2023 18:49	12/15/2023 9:00	850.9	0
455629	12/14/2023 18:49	12/15/2023 9:00	850.9	0
561757	12/14/2023 18:49	12/15/2023 9:00	850.9	0
14239	12/14/2023 18:49	12/15/2023 9:00	850.75	0

315346	12/14/2023 18:49	12/15/2023 9:00	850.75	0
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7937779	12/14/2023 18:49	12/15/2023 9:00	850.68	0
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1557303	12/14/2023 18:49	12/15/2023 9:00	850.18	0
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281235	12/14/2023 18:50	12/15/2023 9:00	849.75	0
563721	12/14/2023 18:50	12/15/2023 9:00	849.9	0
590897	12/14/2023 18:50	12/15/2023 9:00	849.9	0
318402	12/14/2023 18:50	12/15/2023 9:00	849.75	0
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1432940	12/15/2023 11:56	12/15/2023 14:54	178	0
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455994	12/15/2023 12:05	12/15/2023 12:52	47	0

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97805	12/15/2023 12:09	12/15/2023 18:57	408	0
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8734349	12/15/2023 16:06	12/15/2023 18:52	166	0

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1348773	12/15/2023 16:06	12/15/2023 18:44	158	0
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1349542	12/15/2023 16:08	12/15/2023 18:46	158	0
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1272457	12/15/2023 18:38	12/16/2023 9:00	861.02	0
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1350597	12/15/2023 18:42	12/16/2023 9:00	857.02	0

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1624452	12/15/2023 18:42	12/16/2023 9:00	857.18	0
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350346	12/15/2023 18:42	12/16/2023 9:00	857.75	0
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1556565	12/15/2023 18:46	12/16/2023 9:00	853.18	0
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1503634	12/15/2023 18:46	12/16/2023 9:00	853.02	0
1349244	12/15/2023 18:46	12/16/2023 9:00	853.02	0
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7902724	12/16/2023 8:32	12/16/2023 9:00	27.75	0
308959	12/16/2023 8:33	12/16/2023 9:00	26.75	0
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8511623	12/16/2023 8:39	12/16/2023 9:00	20.75	0
449377	12/16/2023 8:53	12/16/2023 9:00	6.9	0
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1309098	12/16/2023 11:54	12/16/2023 12:10	16	0.02
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455345	12/16/2023 11:55	12/16/2023 12:48	53	0
1310926	12/16/2023 11:56	12/16/2023 18:46	410	0
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275495	12/16/2023 12:38	12/17/2023 9:00	1221.75	0
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34833	12/16/2023 12:44	12/17/2023 9:00	1215.75	0
455345	12/16/2023 12:48	12/16/2023 14:06	78	0
13912	12/16/2023 12:48	12/17/2023 9:00	1211.75	0
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25674	12/16/2023 13:13	12/17/2023 9:00	1186.75	0
188639	12/16/2023 13:14	12/17/2023 9:00	1185.75	0
588892	12/16/2023 13:17	12/17/2023 9:00	1182.9	0
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523489	12/16/2023 14:25	12/16/2023 14:40	15	0
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523489	12/16/2023 18:43	12/17/2023 9:00	856.75	0
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1494722	12/16/2023 18:46	12/17/2023 9:00	853.02	0
316997	12/16/2023 18:46	12/17/2023 9:00	853.75	0
373050	12/16/2023 18:47	12/17/2023 9:00	852.9	0
315345	12/16/2023 18:47	12/17/2023 9:00	852.75	0
308959	12/16/2023 18:47	12/17/2023 8:06	799	0
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375655	12/16/2023 18:47	12/17/2023 9:00	852.9	0
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319279	12/16/2023 18:48	12/17/2023 9:00	851.75	0
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174902	12/16/2023 18:48	12/17/2023 9:00	851.75	0
1346671	12/16/2023 18:48	12/17/2023 9:00	851.02	0
317126	12/16/2023 18:48	12/17/2023 9:00	851.75	0
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378229	12/16/2023 18:49	12/17/2023 9:00	850.9	0
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313269	12/16/2023 18:49	12/17/2023 9:00	850.75	0
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7178975	12/17/2023 10:21	12/18/2023 9:00	1358.75	0
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454901	12/17/2023 11:38	12/17/2023 11:53	15	0
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279833	12/17/2023 13:06	12/17/2023 14:20	74	0
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275018	12/17/2023 14:20	12/17/2023 14:36	16	0
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8434548	12/17/2023 14:49	12/17/2023 18:03	194	0
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1597556	12/17/2023 14:58	12/17/2023 18:23	205	0
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219948	12/17/2023 15:02	12/17/2023 17:29	147	0
1375227	12/17/2023 15:02	12/17/2023 18:36	214	0
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1431752	12/17/2023 15:07	12/17/2023 18:21	194	0
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252859	12/17/2023 15:49	12/17/2023 18:13	144	0
449377	12/17/2023 15:52	12/17/2023 16:34	42	0
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195839	12/17/2023 17:37	12/18/2023 9:00	922.75	0
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350346	12/17/2023 17:46	12/18/2023 9:00	913.75	0
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1320008	12/17/2023 17:48	12/18/2023 9:00	911.02	0
1272457	12/17/2023 17:52	12/18/2023 9:00	907.02	0
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8434548	12/17/2023 18:03	12/18/2023 9:00	896.75	0
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1309098	12/17/2023 18:06	12/18/2023 9:00	893.02	0
1405153	12/17/2023 18:06	12/18/2023 9:00	893.02	0
6168330	12/17/2023 18:07	12/18/2023 9:00	892.75	0
590897	12/17/2023 18:07	12/18/2023 9:00	892.9	0
1599209	12/17/2023 18:08	12/18/2023 9:00	891.18	0
510307	12/17/2023 18:08	12/18/2023 9:00	891.9	0
274522	12/17/2023 18:08	12/18/2023 9:00	891.75	0
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1332906	12/17/2023 18:10	12/18/2023 9:00	889.02	0
1430553	12/17/2023 18:10	12/18/2023 9:00	889.18	0
324290	12/17/2023 18:10	12/18/2023 9:00	889.75	0
1348773	12/17/2023 18:10	12/18/2023 9:00	889.02	0
456099	12/17/2023 18:10	12/18/2023 9:00	889.9	0
309265	12/17/2023 18:11	12/18/2023 9:00	888.75	0

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328113	12/17/2023 18:12	12/18/2023 9:00	887.75	0
323657	12/17/2023 18:12	12/18/2023 9:00	887.75	0
325050	12/17/2023 18:12	12/18/2023 8:59	887	0
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1350499	12/17/2023 18:14	12/18/2023 9:00	885.02	0
315730	12/17/2023 18:14	12/18/2023 9:00	885.75	0
1393699	12/17/2023 18:14	12/18/2023 9:00	885.02	0
1093722	12/17/2023 18:14	12/18/2023 8:31	857	0
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1463218	12/17/2023 18:14	12/18/2023 9:00	885.18	0
314188	12/17/2023 18:15	12/18/2023 9:00	884.75	0
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1430644	12/17/2023 18:16	12/18/2023 9:00	883.18	0
1349542	12/17/2023 18:16	12/18/2023 9:00	883.02	0
10433250	12/17/2023 18:16	12/18/2023 9:00	883.02	0
1704232	12/17/2023 18:16	12/18/2023 9:00	883.02	0
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315169	12/17/2023 18:18	12/18/2023 9:00	881.75	0
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1320646	12/17/2023 18:18	12/18/2023 9:00	881.02	0
324249	12/17/2023 18:19	12/18/2023 9:00	880.75	0
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276488	12/17/2023 18:19	12/18/2023 9:00	880.75	0
1554218	12/17/2023 18:19	12/18/2023 9:00	880.18	0
455629	12/17/2023 18:20	12/18/2023 9:00	879.9	0
1350975	12/17/2023 18:20	12/18/2023 9:00	879.02	0
1350597	12/17/2023 18:20	12/18/2023 9:00	879.02	0
7937779	12/17/2023 18:20	12/18/2023 9:00	879.02	0
7518767	12/17/2023 18:20	12/18/2023 9:00	879.75	0
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315752	12/17/2023 18:21	12/18/2023 9:00	878.75	0
275495	12/17/2023 18:21	12/18/2023 9:00	878.75	0
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1346410	12/17/2023 18:22	12/18/2023 9:00	877.02	0

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469018	12/17/2023 18:22	12/18/2023 9:00	877.9	0
1565203	12/17/2023 18:22	12/18/2023 9:00	877.18	0
21306	12/17/2023 18:22	12/18/2023 9:00	877.75	0
454901	12/17/2023 18:22	12/18/2023 9:00	877.9	0
4173986	12/17/2023 18:22	12/18/2023 9:00	877.75	0
274125	12/17/2023 18:23	12/18/2023 9:00	876.75	0
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279833	12/17/2023 18:23	12/18/2023 9:00	876.75	0
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8511623	12/17/2023 18:25	12/18/2023 9:00	874.75	0
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558031	12/17/2023 18:25	12/18/2023 9:00	874.9	0
315346	12/17/2023 18:25	12/18/2023 9:00	874.75	0
457978	12/17/2023 18:25	12/18/2023 9:00	874.9	0
1516739	12/17/2023 18:25	12/18/2023 9:00	874.18	0
1509486	12/17/2023 18:25	12/18/2023 9:00	874.18	0
275018	12/17/2023 18:26	12/18/2023 9:00	873.75	0
1509487	12/17/2023 18:26	12/18/2023 9:00	873.18	0
457729	12/17/2023 18:26	12/18/2023 9:00	873.9	0
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315604	12/17/2023 18:26	12/18/2023 9:00	873.75	0
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10628562	12/18/2023 8:09	12/18/2023 9:00	50.18	0
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1609415	12/18/2023 9:07	12/18/2023 11:42	155	0
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319279	12/18/2023 9:08	12/19/2023 9:00	1431.75	0
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1494722	12/18/2023 9:22	12/18/2023 18:50	568	0
1493132	12/18/2023 9:24	12/18/2023 18:54	570	0.24
1393699	12/18/2023 9:24	12/18/2023 18:38	554	0.08
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1348780	12/18/2023 10:02	12/18/2023 18:52	530	0
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817260	12/18/2023 10:11	12/18/2023 18:49	518	0.08
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7178975	12/18/2023 10:23	12/18/2023 18:55	512	0
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1683861	12/18/2023 10:28	12/18/2023 18:38	490	0
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523489	12/18/2023 11:34	12/18/2023 14:48	194	0
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8387677	12/18/2023 11:34	12/18/2023 15:19	225	0
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317084	12/18/2023 11:34	12/18/2023 14:48	194	0
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469018	12/18/2023 11:51	12/18/2023 18:30	399	0
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449377	12/18/2023 12:06	12/18/2023 12:59	53	0
510307	12/18/2023 12:06	12/18/2023 18:42	396	0
549617	12/18/2023 12:06	12/18/2023 18:23	377	0
8668965	12/18/2023 12:06	12/18/2023 14:29	143	0
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188639	12/18/2023 12:22	12/19/2023 9:00	1237.75	0
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455345	12/18/2023 12:30	12/18/2023 18:48	378	0
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1394324	12/18/2023 12:58	12/18/2023 14:42	104	0
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1378128	12/18/2023 14:06	12/18/2023 18:42	276	0
10433250	12/18/2023 14:06	12/18/2023 14:22	16	0
1375227	12/18/2023 14:06	12/18/2023 14:22	16	0
1375642	12/18/2023 14:06	12/18/2023 14:22	16	0
328570	12/18/2023 14:07	12/18/2023 18:50	283	0
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328113	12/18/2023 14:09	12/18/2023 14:24	15	0
1376158	12/18/2023 14:10	12/18/2023 18:48	278	0
926503	12/18/2023 14:10	12/18/2023 18:38	268	0
1565203	12/18/2023 14:10	12/18/2023 18:53	283	0
859747	12/18/2023 14:10	12/18/2023 14:42	32	0
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675499	12/18/2023 14:12	12/18/2023 14:43	31	0
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679003	12/18/2023 14:14	12/18/2023 18:41	267	0
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328113	12/18/2023 14:24	12/18/2023 14:40	16	0
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1019446	12/18/2023 14:29	12/18/2023 14:45	16	0

8668965	12/18/2023 14:29	12/18/2023 22:05	456	0
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7937779	12/18/2023 14:38	12/18/2023 18:48	250	0
1595351	12/18/2023 14:39	12/18/2023 18:56	257	0
328113	12/18/2023 14:40	12/18/2023 18:52	252	0
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860281	12/18/2023 14:42	12/18/2023 18:42	240	0
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315088	12/18/2023 18:36	12/19/2023 9:00	863.75	0
1321750	12/18/2023 18:36	12/19/2023 9:00	863.02	0
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1272457	12/18/2023 18:40	12/19/2023 8:18	818	0
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643196	12/18/2023 18:40	12/19/2023 9:00	859.9	0
198082	12/18/2023 18:40	12/19/2023 9:00	859.75	0
1349244	12/18/2023 18:40	12/19/2023 9:00	859.02	0
259674	12/18/2023 18:41	12/19/2023 9:00	858.75	0
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997397	12/18/2023 18:41	12/19/2023 9:00	858.18	0
679003	12/18/2023 18:41	12/19/2023 9:00	858.32	0
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860281	12/18/2023 18:42	12/19/2023 9:00	857.32	0
588892	12/18/2023 18:42	12/19/2023 9:00	857.9	0
511223	12/18/2023 18:42	12/19/2023 9:00	857.9	0
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315345	12/18/2023 18:44	12/19/2023 9:00	855.75	0
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1417279	12/18/2023 18:44	12/19/2023 9:00	855.02	0
454901	12/18/2023 18:44	12/19/2023 9:00	855.9	0
455994	12/18/2023 18:44	12/19/2023 9:00	855.9	0
266906	12/18/2023 18:44	12/19/2023 9:00	855.75	0
1557188	12/18/2023 18:44	12/19/2023 9:00	855.18	0
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10433250	12/18/2023 18:44	12/19/2023 9:00	855.02	0
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563721	12/18/2023 18:44	12/19/2023 9:00	855.9	0
1350597	12/18/2023 18:44	12/19/2023 9:00	855.02	0
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1446401	12/18/2023 18:45	12/19/2023 9:00	854.18	0
8387677	12/18/2023 18:45	12/19/2023 9:00	854.75	0
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1346455	12/18/2023 18:46	12/19/2023 9:00	853.02	0
1685329	12/18/2023 18:46	12/19/2023 9:00	853.02	0
315346	12/18/2023 18:46	12/19/2023 9:00	853.75	0
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1348300	12/18/2023 18:46	12/19/2023 9:00	853.02	0
380057	12/18/2023 18:46	12/19/2023 9:00	853.9	0
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7937779	12/18/2023 18:48	12/19/2023 9:00	851.02	0
455345	12/18/2023 18:48	12/19/2023 9:00	851.9	0

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314188	12/18/2023 18:49	12/19/2023 9:00	850.75	0
817260	12/18/2023 18:49	12/19/2023 9:00	850.32	0
317797	12/18/2023 18:49	12/19/2023 9:00	850.75	0
1430553	12/18/2023 18:49	12/19/2023 9:00	850.18	0
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314188	12/19/2023 10:03	12/19/2023 18:47	524	0
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350406	12/19/2023 11:49	12/19/2023 18:52	423	0
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860281	12/19/2023 11:49	12/19/2023 12:20	31	0
449036	12/19/2023 11:49	12/19/2023 12:05	16	0
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1556352	12/19/2023 12:03	12/19/2023 12:50	47	0

1557188	12/19/2023 12:03	12/19/2023 12:51	48	0
1557303	12/19/2023 12:04	12/19/2023 12:46	42	0
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1301093	12/19/2023 12:08	12/19/2023 18:50	402	0
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449377	12/20/2023 6:01	12/20/2023 6:33	32	0
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601397	12/20/2023 10:08	12/20/2023 18:58	530	0
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197629	12/20/2023 10:08	12/20/2023 19:02	534	0
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449377	12/20/2023 10:19	12/20/2023 11:11	52	0
449036	12/20/2023 10:19	12/20/2023 11:32	73	0.34
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160073	12/20/2023 18:39	12/21/2023 9:00	860.18	0
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808384	12/20/2023 18:41	12/21/2023 9:00	858.32	0
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10433250	12/20/2023 18:46	12/21/2023 9:00	853.02	0
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1556352	12/20/2023 18:47	12/21/2023 9:00	852.18	0
1434550	12/20/2023 18:48	12/21/2023 9:00	851.18	0
646026	12/20/2023 18:48	12/21/2023 9:00	851.9	0
535717	12/20/2023 18:48	12/21/2023 9:00	851.75	0
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416557	12/20/2023 18:48	12/21/2023 9:00	851.9	0
1417279	12/20/2023 18:48	12/21/2023 9:00	851.02	0
854579	12/20/2023 18:48	12/21/2023 9:00	851.32	0
817260	12/20/2023 18:48	12/21/2023 9:00	851.32	0
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1320646	12/20/2023 18:48	12/21/2023 9:00	851.02	0
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1387226	12/20/2023 18:48	12/21/2023 9:00	851.02	0
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869654	12/20/2023 18:48	12/21/2023 9:00	851.32	0
1309098	12/20/2023 18:48	12/21/2023 9:00	851.02	0
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7178975	12/20/2023 18:56	12/21/2023 9:00	843.75	0
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1465703	12/20/2023 18:58	12/21/2023 9:00	841.18	0
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251189	12/20/2023 19:00	12/21/2023 9:00	839.75	0
304845	12/20/2023 19:00	12/21/2023 9:00	839.75	0
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1421188	12/20/2023 19:00	12/21/2023 9:00	839.02	0
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197629	12/20/2023 19:02	12/21/2023 9:00	837.75	0

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313269	12/20/2023 19:02	12/21/2023 9:00	837.75	0
267537	12/20/2023 19:02	12/21/2023 9:00	837.75	0
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353728	12/20/2023 19:09	12/21/2023 9:00	830.75	0
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997397	12/20/2023 19:28	12/21/2023 9:00	811.18	0
1321605	12/20/2023 19:34	12/21/2023 9:00	805.02	0
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197690	12/20/2023 19:56	12/21/2023 9:00	783.75	0
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323747	12/20/2023 20:38	12/21/2023 9:00	741.75	0
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1445317	12/21/2023 7:56	12/21/2023 9:00	63.18	0
1433697	12/21/2023 8:07	12/21/2023 8:39	32	0
1433348	12/21/2023 8:10	12/21/2023 9:00	49.18	0
306565	12/21/2023 8:12	12/21/2023 9:00	47.75	0
307661	12/21/2023 8:13	12/21/2023 9:00	46.75	0
1502969	12/21/2023 8:18	12/21/2023 9:00	41.02	0
65245	12/21/2023 8:19	12/21/2023 9:00	40.75	0
1093889	12/21/2023 8:20	12/21/2023 9:00	39.9	0
1093722	12/21/2023 8:21	12/21/2023 9:00	38.9	0
1466638	12/21/2023 8:21	12/21/2023 9:00	38.18	0
65553	12/21/2023 8:22	12/21/2023 9:00	37.75	0
449377	12/21/2023 8:27	12/21/2023 8:48	21	0
7902724	12/21/2023 8:34	12/21/2023 9:00	25.75	0
1512146	12/21/2023 8:38	12/21/2023 9:00	21.18	0
1433697	12/21/2023 8:39	12/21/2023 9:00	20.85	0
8511623	12/21/2023 8:42	12/21/2023 9:00	17.75	0
449377	12/21/2023 8:48	12/21/2023 9:00	11.9	0
580808	12/21/2023 8:53	12/21/2023 9:00	6.9	0
8766703	12/21/2023 9:00	12/22/2023 9:00	1439.18	0
1394324	12/21/2023 9:00	12/21/2023 18:52	592	0
1453263	12/21/2023 9:00	12/21/2023 11:10	130	0
1516786	12/21/2023 9:00	12/22/2023 9:00	1439.18	0
1333801	12/21/2023 9:00	12/21/2023 10:06	66	0
315730	12/21/2023 9:00	12/21/2023 10:21	81	0
314945	12/21/2023 9:00	12/21/2023 18:44	584	0
280780	12/21/2023 9:00	12/21/2023 11:25	145	0
1376158	12/21/2023 9:00	12/21/2023 18:50	590	0
1552447	12/21/2023 9:00	12/22/2023 9:00	1439.18	0
314188	12/21/2023 9:00	12/21/2023 10:20	80	0
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1494722	12/21/2023 18:56	12/22/2023 9:00	843.02	0
1702895	12/21/2023 18:56	12/22/2023 9:00	843.02	0
8495805	12/21/2023 18:56	12/22/2023 9:00	843.9	0
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304345	12/22/2023 10:45	12/22/2023 18:46	481	0

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8621797	12/22/2023 10:47	12/22/2023 19:00	493	0
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449377	12/22/2023 12:22	12/22/2023 13:19	57	0
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1081237	12/22/2023 22:48	12/22/2023 22:49	1	0
1081237	12/22/2023 22:49	12/22/2023 23:08	19	0
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449377	12/23/2023 4:07	12/23/2023 4:59	52	0
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1432940	12/23/2023 7:56	12/23/2023 9:00	63.18	0
1433697	12/23/2023 8:10	12/23/2023 9:00	49.85	0
979888	12/23/2023 8:18	12/23/2023 9:00	41.18	0
1466638	12/23/2023 8:21	12/23/2023 9:00	38.18	0
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580808	12/23/2023 8:23	12/23/2023 9:00	36.9	0
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7902724	12/23/2023 8:31	12/23/2023 9:00	28.75	0
350517	12/23/2023 8:34	12/23/2023 9:00	25.75	0
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8668965	12/23/2023 9:00	12/23/2023 11:11	131	0
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313954	12/23/2023 9:39	12/23/2023 18:50	551	0

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1350597	12/23/2023 9:58	12/23/2023 18:36	518	0
1702895	12/23/2023 9:58	12/23/2023 18:48	530	0
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455345	12/23/2023 11:53	12/23/2023 12:36	43	0
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1671958	12/23/2023 12:03	12/23/2023 18:40	397	0
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1565203	12/24/2023 8:58	12/24/2023 9:00	1.18	0
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1681747	12/24/2023 9:10	12/24/2023 18:58	588	0
1567316	12/24/2023 9:11	12/24/2023 18:33	562	0

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980398	12/24/2023 11:44	12/24/2023 14:00	136	0
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645339	12/24/2023 12:17	12/25/2023 9:00	1242.9	0
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29635	12/24/2023 13:59	12/25/2023 9:00	1140.75	0
980398	12/24/2023 14:00	12/24/2023 14:16	16	0
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317053	12/24/2023 14:19	12/24/2023 18:57	278	0

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449036	12/24/2023 18:42	12/25/2023 9:00	857.9	0

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315752	12/24/2023 18:44	12/25/2023 9:00	855.75	0
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8734349	12/24/2023 18:46	12/25/2023 9:00	853.02	0
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730082	12/24/2023 22:49	12/24/2023 23:08	19	0
449377	12/24/2023 22:59	12/24/2023 23:31	32	0
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449377	12/25/2023 8:05	12/25/2023 8:58	53	0
1433697	12/25/2023 8:07	12/25/2023 9:00	52.85	0
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319279	12/25/2023 9:08	12/25/2023 18:56	588	0
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8734349	12/25/2023 9:58	12/25/2023 18:46	528	0
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315730	12/26/2023 8:19	12/26/2023 9:00	40.75	0
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1093722	12/26/2023 8:37	12/26/2023 9:00	22.9	0
8511623	12/26/2023 8:40	12/26/2023 9:00	19.75	0
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455345	12/26/2023 13:08	12/26/2023 13:50	42	0
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1556565	12/26/2023 18:22	12/27/2023 9:00	877.18	0
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926638	12/26/2023 18:31	12/27/2023 9:00	868.32	0
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455345	12/26/2023 18:44	12/27/2023 9:00	855.9	0
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195216	12/26/2023 23:19	12/27/2023 9:00	580.75	0
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860281	12/27/2023 11:52	12/27/2023 12:50	58	0
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860281	12/27/2023 12:50	12/27/2023 13:22	32	0
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590897	12/27/2023 13:01	12/27/2023 15:02	121	0
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500145	12/27/2023 14:39	12/27/2023 18:29	230	0
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645339	12/27/2023 14:40	12/27/2023 18:36	236	0
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1081237	12/28/2023 1:08	12/28/2023 9:00	471.85	0
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314188	12/28/2023 8:20	12/28/2023 9:00	39.75	0
1093889	12/28/2023 8:20	12/28/2023 9:00	39.9	0
449377	12/28/2023 8:20	12/28/2023 9:00	39.9	0
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7902724	12/28/2023 8:47	12/28/2023 9:00	12.75	0
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6992958	12/28/2023 11:07	12/28/2023 18:43	456	0

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926503	12/28/2023 11:36	12/28/2023 18:47	431	0

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506261	12/28/2023 11:54	12/28/2023 15:09	195	0
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506261	12/28/2023 18:38	12/29/2023 9:00	861.9	0
1321750	12/28/2023 18:38	12/28/2023 18:44	6	0
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275018	12/28/2023 18:38	12/29/2023 9:00	861.75	0

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679003	12/28/2023 18:39	12/29/2023 9:00	860.32	0
675499	12/28/2023 18:39	12/29/2023 9:00	860.32	0
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314945	12/28/2023 18:39	12/29/2023 9:00	860.75	0
8206792	12/28/2023 18:39	12/29/2023 9:00	860.18	0
197561	12/28/2023 18:39	12/29/2023 9:00	860.75	0
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1343695	12/28/2023 18:40	12/29/2023 9:00	859.02	0
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454861	12/28/2023 18:40	12/29/2023 9:00	859.9	0
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1375642	12/28/2023 18:42	12/29/2023 9:00	857.02	0
6992958	12/28/2023 18:43	12/29/2023 9:00	856.75	0
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509102	12/28/2023 18:43	12/29/2023 9:00	856.9	0
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7178975	12/29/2023 8:48	12/29/2023 9:00	11.75	0
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174815	12/30/2023 9:00	12/31/2023 9:00	1439.75	0
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315346	12/30/2023 18:56	12/31/2023 9:00	843.75	0
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315752	12/30/2023 18:57	12/31/2023 9:00	842.75	0
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21820	12/30/2023 19:00	12/31/2023 9:00	839.75	0
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1703519	12/30/2023 19:00	12/31/2023 9:00	839.02	0
8734349	12/30/2023 19:00	12/31/2023 9:00	839.02	0
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455345	12/30/2023 19:00	12/31/2023 9:00	839.9	0
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1394324	12/30/2023 19:04	12/31/2023 9:00	835.02	0
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350406	12/30/2023 19:04	12/31/2023 9:00	835.75	0
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346347	12/30/2023 19:09	12/31/2023 9:00	830.75	0
275018	12/30/2023 19:17	12/31/2023 9:00	822.75	0
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1378582	12/30/2023 20:16	12/31/2023 9:00	763.02	0
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7518767	12/31/2023 8:05	12/31/2023 9:00	54.75	0
982261	12/31/2023 8:08	12/31/2023 9:00	51.18	0
979888	12/31/2023 8:11	12/31/2023 9:00	48.18	0
1466638	12/31/2023 8:24	12/31/2023 9:00	35.18	0
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1093722	12/31/2023 8:38	12/31/2023 9:00	21.9	0
1350104	12/31/2023 8:58	12/31/2023 9:00	1.02	0

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325050	12/31/2023 9:00	12/31/2023 18:48	588	0
8605921	12/31/2023 9:00	12/31/2023 18:07	547	0
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51957	12/31/2023 9:00	12/31/2023 11:49	169	0
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313731	12/31/2023 11:40	12/31/2023 11:56	16	0
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1320008	12/31/2023 11:54	12/31/2023 12:26	32	0
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314163	12/31/2023 11:55	12/31/2023 15:09	194	0
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313011	12/31/2023 11:57	12/31/2023 15:11	194	0
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1704779	12/31/2023 13:06	12/31/2023 18:46	340	0
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859747	12/31/2023 14:20	12/31/2023 14:36	16	0
860281	12/31/2023 14:20	12/31/2023 14:35	15	0
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8495805	12/31/2023 14:36	12/31/2023 15:19	43	0
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1503739	12/31/2023 14:38	12/31/2023 18:44	246	0
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1703519	12/31/2023 14:40	12/31/2023 18:52	252	0
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313954	12/31/2023 15:10	12/31/2023 16:13	63	0
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315604	12/31/2023 15:11	12/31/2023 16:13	62	0
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1348300	12/31/2023 15:56	12/31/2023 18:44	168	0
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1349542	12/31/2023 15:56	12/31/2023 18:34	158	0
1349338	12/31/2023 15:56	12/31/2023 18:44	168	0
1350499	12/31/2023 15:58	12/31/2023 18:36	158	0
1348780	12/31/2023 15:58	12/31/2023 18:50	172	0
8734349	12/31/2023 15:58	12/31/2023 18:52	174	0
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1349605	12/31/2023 15:58	12/31/2023 18:46	168	0
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1350597	12/31/2023 16:00	12/31/2023 18:42	162	0
313731	12/31/2023 16:08	12/31/2023 19:06	178	0
315380	12/31/2023 16:09	12/31/2023 19:02	173	0
10371797	12/31/2023 16:09	12/31/2023 19:02	173	0
314163	12/31/2023 16:12	12/31/2023 19:00	168	0
315752	12/31/2023 16:12	12/31/2023 18:50	158	0
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1350499	12/31/2023 18:36	1/1/2024 9:00	863.02	0
1349177	12/31/2023 18:36	1/1/2024 9:00	863.02	0
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1393699	12/31/2023 18:38	1/1/2024 9:00	861.02	0
2032900	12/31/2023 18:38	1/1/2024 9:00	861.02	0
1348773	12/31/2023 18:38	1/1/2024 9:00	861.02	0
1350975	12/31/2023 18:38	1/1/2024 9:00	861.02	0
1349766	12/31/2023 18:38	1/1/2024 9:00	861.02	0
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816722	12/31/2023 18:40	1/1/2024 9:00	859.32	0
810130	12/31/2023 18:40	1/1/2024 9:00	859.32	0
8957908	12/31/2023 18:40	1/1/2024 9:00	859.02	0
1347943	12/31/2023 18:40	1/1/2024 9:00	859.02	0
1412757	12/31/2023 18:40	1/1/2024 9:00	859.02	0
982457	12/31/2023 18:40	1/1/2024 9:00	859.18	0
1347937	12/31/2023 18:40	1/1/2024 9:00	859.02	0
997397	12/31/2023 18:41	1/1/2024 9:00	858.18	0
347230	12/31/2023 18:41	1/1/2024 9:00	858.75	0
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980398	12/31/2023 18:43	1/1/2024 9:00	856.18	0
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1348300	12/31/2023 18:44	1/1/2024 9:00	855.02	0
1503739	12/31/2023 18:44	1/1/2024 9:00	855.18	0
1385122	12/31/2023 18:44	1/1/2024 9:00	855.02	0
1349338	12/31/2023 18:44	1/1/2024 9:00	855.02	0
350346	12/31/2023 18:44	1/1/2024 9:00	855.75	0
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981933	12/31/2023 18:45	1/1/2024 9:00	854.18	0
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1110841	12/31/2023 18:46	1/1/2024 9:00	853.18	0
1349605	12/31/2023 18:46	1/1/2024 9:00	853.02	0
323657	12/31/2023 18:46	1/1/2024 9:00	853.75	0
1353016	12/31/2023 18:46	1/1/2024 9:00	853.02	0
1685329	12/31/2023 18:46	1/1/2024 9:00	853.02	0
1093722	12/31/2023 18:47	1/1/2024 8:36	829	0
1093833	12/31/2023 18:47	1/1/2024 9:00	852.9	0
860281	12/31/2023 18:47	1/1/2024 9:00	852.32	0
350517	12/31/2023 18:47	1/1/2024 8:01	794	0
7415418	12/31/2023 18:48	1/1/2024 9:00	851.02	0
306565	12/31/2023 18:48	1/1/2024 9:00	851.75	0
1307027	12/31/2023 18:48	1/1/2024 9:00	851.02	0
1317908	12/31/2023 18:48	1/1/2024 9:00	851.02	0
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1355729	12/31/2023 18:48	1/1/2024 9:00	851.02	0
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1385431	12/31/2023 18:48	1/1/2024 9:00	851.02	0
1431804	12/31/2023 18:48	1/1/2024 9:00	851.18	0
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1430294	12/31/2023 18:49	1/1/2024 9:00	850.18	0
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1433348	12/31/2023 18:49	1/1/2024 7:55	786	0
510307	12/31/2023 18:49	1/1/2024 9:00	850.9	0
346185	12/31/2023 18:49	1/1/2024 9:00	850.75	0
549237	12/31/2023 18:49	1/1/2024 9:00	850.9	0
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1368745	12/31/2023 18:50	1/1/2024 9:00	849.02	0
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500173	12/31/2023 18:50	1/1/2024 9:00	849.9	0

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47769	12/31/2023 18:50	1/1/2024 9:00	849.75	0
1348780	12/31/2023 18:50	1/1/2024 9:00	849.02	0
8972545	12/31/2023 18:50	1/1/2024 9:00	849.9	0
324249	12/31/2023 18:50	1/1/2024 9:00	849.75	0
315752	12/31/2023 18:50	1/1/2024 9:00	849.75	0
1430553	12/31/2023 18:50	1/1/2024 9:00	849.18	0
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1349502	12/31/2023 18:50	1/1/2024 9:00	849.02	0
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307661	12/31/2023 18:51	1/1/2024 9:00	848.75	0
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323747	12/31/2023 18:51	1/1/2024 9:00	848.75	0
1251782	12/31/2023 18:51	1/1/2024 9:00	848.32	0
8495802	12/31/2023 18:51	1/1/2024 9:00	848.18	0
8434548	12/31/2023 18:51	1/1/2024 9:00	848.75	0
8734349	12/31/2023 18:52	1/1/2024 9:00	847.02	0
1349083	12/31/2023 18:52	1/1/2024 9:00	847.02	0
1430644	12/31/2023 18:52	1/1/2024 9:00	847.18	0
1567316	12/31/2023 18:52	1/1/2024 9:00	847.18	0
315169	12/31/2023 18:52	1/1/2024 9:00	847.75	0
469018	12/31/2023 18:52	1/1/2024 9:00	847.9	0
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1376158	12/31/2023 18:52	1/1/2024 9:00	847.02	0
21540	12/31/2023 18:52	1/1/2024 9:00	847.75	0
1349032	12/31/2023 18:52	1/1/2024 9:00	847.02	0
1514004	12/31/2023 18:52	1/1/2024 9:00	847.18	0
1352967	12/31/2023 18:52	1/1/2024 9:00	847.02	0
645339	12/31/2023 18:52	1/1/2024 9:00	847.9	0
197561	12/31/2023 18:52	1/1/2024 9:00	847.75	0
204700	12/31/2023 18:52	1/1/2024 9:00	847.75	0
10393420	12/31/2023 18:52	1/1/2024 9:00	847.75	0
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1346671	12/31/2023 18:52	1/1/2024 9:00	847.02	0
196408	12/31/2023 18:52	1/1/2024 9:00	847.75	0
197883	12/31/2023 18:52	1/1/2024 9:00	847.75	0
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197690	12/31/2023 18:52	1/1/2024 9:00	847.75	0
264379	12/31/2023 18:53	1/1/2024 9:00	846.75	0
455629	12/31/2023 18:53	1/1/2024 9:00	846.9	0

456099	12/31/2023 18:53	1/1/2024 9:00	846.9	0
510974	12/31/2023 18:53	1/1/2024 9:00	846.9	0
317797	12/31/2023 18:53	1/1/2024 9:00	846.75	0
312846	12/31/2023 18:53	1/1/2024 9:00	846.75	0
315346	12/31/2023 18:53	1/1/2024 9:00	846.75	0
539938	12/31/2023 18:53	1/1/2024 9:00	846.9	0
275018	12/31/2023 18:53	1/1/2024 9:00	846.75	0
1515733	12/31/2023 18:53	1/1/2024 9:00	846.18	0
1512146	12/31/2023 18:53	1/1/2024 9:00	846.18	0
195839	12/31/2023 18:53	1/1/2024 9:00	846.75	0
65245	12/31/2023 18:53	1/1/2024 9:00	846.75	0
1350598	12/31/2023 18:54	1/1/2024 9:00	845.02	0
1375227	12/31/2023 18:54	1/1/2024 8:12	798	0
1310926	12/31/2023 18:54	1/1/2024 9:00	845.02	0
1394365	12/31/2023 18:54	1/1/2024 9:00	845.02	0
1671958	12/31/2023 18:54	1/1/2024 9:00	845.9	0
454861	12/31/2023 18:54	1/1/2024 9:00	845.9	0
1352482	12/31/2023 18:54	1/1/2024 9:00	845.02	0
1351812	12/31/2023 18:54	1/1/2024 9:00	845.02	0
498070	12/31/2023 18:54	1/1/2024 9:00	845.9	0
314564	12/31/2023 18:54	1/1/2024 9:00	845.75	0
552210	12/31/2023 18:54	1/1/2024 9:00	845.9	0
1576533	12/31/2023 18:54	1/1/2024 9:00	845.18	0
588892	12/31/2023 18:54	1/1/2024 9:00	845.9	0
1494722	12/31/2023 18:54	1/1/2024 9:00	845.02	0
418876	12/31/2023 18:55	1/1/2024 9:00	844.9	0
1394324	12/31/2023 18:56	1/1/2024 9:00	843.02	0
1346665	12/31/2023 18:56	1/1/2024 9:00	843.02	0
1353525	12/31/2023 18:56	1/1/2024 9:00	843.02	0
315616	12/31/2023 18:56	1/1/2024 9:00	843.75	0
1672454	12/31/2023 18:56	1/1/2024 9:00	843.9	0
571143	12/31/2023 18:56	1/1/2024 9:00	843.9	0
1465703	12/31/2023 18:56	1/1/2024 9:00	843.18	0
1565203	12/31/2023 18:56	1/1/2024 9:00	843.18	0
324045	12/31/2023 18:56	1/1/2024 9:00	843.75	0
314945	12/31/2023 18:56	1/1/2024 9:00	843.75	0
9063373	12/31/2023 18:56	1/1/2024 9:00	843.02	0
304785	12/31/2023 18:56	1/1/2024 9:00	843.75	0
204963	12/31/2023 18:57	1/1/2024 9:00	842.75	0
417158	12/31/2023 18:57	1/1/2024 9:00	842.9	0
350406	12/31/2023 18:57	1/1/2024 9:00	842.75	0
7178975	12/31/2023 18:57	1/1/2024 9:00	842.75	0
574596	12/31/2023 18:57	1/1/2024 9:00	842.9	0
315345	12/31/2023 18:57	1/1/2024 9:00	842.75	0
70277	12/31/2023 18:58	1/1/2024 9:00	841.75	0
1493132	12/31/2023 18:58	1/1/2024 8:16	798	0
507365	12/31/2023 18:59	1/1/2024 9:00	840.9	0

21306	12/31/2023 18:59	1/1/2024 9:00	840.75	0
51957	12/31/2023 18:59	1/1/2024 9:00	840.75	0
274059	12/31/2023 18:59	1/1/2024 9:00	840.75	0
21820	12/31/2023 18:59	1/1/2024 9:00	840.75	0
590897	12/31/2023 18:59	1/1/2024 9:00	840.9	0
315730	12/31/2023 18:59	1/1/2024 9:00	840.75	0
1683861	12/31/2023 18:59	1/1/2024 9:00	840.75	0
549370	12/31/2023 19:00	1/1/2024 9:00	839.9	0
304295	12/31/2023 19:00	1/1/2024 9:00	839.75	0
7902724	12/31/2023 19:00	1/1/2024 8:33	813	0
553755	12/31/2023 19:00	1/1/2024 9:00	839.9	0
547577	12/31/2023 19:00	1/1/2024 9:00	839.75	0
314163	12/31/2023 19:00	1/1/2024 9:00	839.75	0
345957	12/31/2023 19:00	1/1/2024 9:00	839.75	0
49209	12/31/2023 19:00	1/1/2024 9:00	839.75	0
349467	12/31/2023 19:00	1/1/2024 9:00	839.75	0
445867	12/31/2023 19:01	1/1/2024 9:00	838.9	0
7518767	12/31/2023 19:01	1/1/2024 8:04	783	0
378229	12/31/2023 19:01	1/1/2024 9:00	838.9	0
313954	12/31/2023 19:01	1/1/2024 9:00	838.75	0
511266	12/31/2023 19:02	1/1/2024 9:00	837.9	0
313011	12/31/2023 19:02	1/1/2024 9:00	837.75	0
7533405	12/31/2023 19:02	1/1/2024 9:00	837.75	0
344958	12/31/2023 19:02	1/1/2024 9:00	837.75	0
308032	12/31/2023 19:02	1/1/2024 9:00	837.75	0
346135	12/31/2023 19:02	1/1/2024 9:00	837.75	0
455345	12/31/2023 19:02	1/1/2024 9:00	837.9	0
10371797	12/31/2023 19:02	1/1/2024 9:00	837.75	0
304845	12/31/2023 19:02	1/1/2024 9:00	837.75	0
315380	12/31/2023 19:02	1/1/2024 9:00	837.75	0
309944	12/31/2023 19:02	1/1/2024 9:00	837.75	0
197629	12/31/2023 19:03	1/1/2024 9:00	836.75	0
21537	12/31/2023 19:03	1/1/2024 9:00	836.75	0
1680798	12/31/2023 19:03	1/1/2024 9:00	836.75	0
449036	12/31/2023 19:03	1/1/2024 9:00	836.9	0
457978	12/31/2023 19:03	1/1/2024 9:00	836.9	0
316630	12/31/2023 19:04	1/1/2024 9:00	835.75	0
8068454	12/31/2023 19:04	1/1/2024 9:00	835.9	0
8495805	12/31/2023 19:04	1/1/2024 9:00	835.9	0
399291	12/31/2023 19:04	1/1/2024 9:00	835.9	0
308802	12/31/2023 19:04	1/1/2024 9:00	835.75	0
455994	12/31/2023 19:05	1/1/2024 9:00	834.9	0
313731	12/31/2023 19:06	1/1/2024 9:00	833.75	0
446329	12/31/2023 19:06	1/1/2024 9:00	833.9	0
642003	12/31/2023 19:07	1/1/2024 9:00	832.9	0
346347	12/31/2023 19:07	1/1/2024 9:00	832.75	0
125572	12/31/2023 19:14	1/1/2024 9:00	825.75	0

274125	12/31/2023 19:34	1/1/2024 9:00	805.75	0
449377	12/31/2023 20:07	1/1/2024 9:00	772.9	0
1378582	12/31/2023 20:46	1/1/2024 9:00	733.02	0
980870	12/31/2023 21:09	1/1/2024 9:00	710.18	0
413869	1/1/2024 0:28	1/1/2024 9:00	511.85	0
326028	1/1/2024 0:53	1/1/2024 6:55	362	0
8603428	1/1/2024 4:45	1/1/2024 9:00	254.75	0
326028	1/1/2024 6:55	1/1/2024 7:42	47	0
326028	1/1/2024 7:42	1/1/2024 9:00	77.75	0
1433348	1/1/2024 7:55	1/1/2024 9:00	64.18	0
1432940	1/1/2024 7:55	1/1/2024 9:00	64.18	0
350517	1/1/2024 8:01	1/1/2024 9:00	58.75	0
7518767	1/1/2024 8:04	1/1/2024 9:00	55.75	0
1375227	1/1/2024 8:12	1/1/2024 9:00	47.02	0
1493132	1/1/2024 8:16	1/1/2024 9:00	43.02	0
979888	1/1/2024 8:17	1/1/2024 9:00	42.18	0
982261	1/1/2024 8:19	1/1/2024 9:00	40.18	0
1466638	1/1/2024 8:22	1/1/2024 9:00	37.18	0
7902724	1/1/2024 8:33	1/1/2024 9:00	26.75	0
1093722	1/1/2024 8:36	1/1/2024 9:00	23.9	0
1093889	1/1/2024 8:36	1/1/2024 9:00	23.9	0
51483	1/1/2024 8:46	1/1/2024 9:00	13.75	0
8950281	1/1/2024 8:50	1/1/2024 9:00	9.75	0
1516786	1/1/2024 9:00	1/2/2024 9:00	1439.18	0
51957	1/1/2024 9:00	1/1/2024 18:53	593	0
1552447	1/1/2024 9:00	1/2/2024 9:00	1439.18	0
1466638	1/1/2024 9:00	1/1/2024 18:42	582	0
8766703	1/1/2024 9:00	1/2/2024 9:00	1439.18	0
1453263	1/1/2024 9:00	1/2/2024 9:00	1439.18	0
509233	1/1/2024 9:00	1/1/2024 11:26	146	0
195216	1/1/2024 9:00	1/1/2024 11:39	159	0
413869	1/1/2024 9:00	1/1/2024 15:43	403	0
574993	1/1/2024 9:00	1/1/2024 10:09	69	0
8668965	1/1/2024 9:00	1/1/2024 10:51	111	0
1375227	1/1/2024 9:00	1/1/2024 10:14	74	0
1333801	1/1/2024 9:00	1/1/2024 10:40	100	0
1349032	1/1/2024 9:00	1/2/2024 9:00	1439.02	0
326028	1/1/2024 9:00	1/1/2024 12:57	237	0
196408	1/1/2024 9:01	1/1/2024 11:38	157	0
1394324	1/1/2024 9:08	1/1/2024 18:44	576	0
319279	1/1/2024 9:08	1/2/2024 9:00	1431.75	0
1433348	1/1/2024 9:08	1/1/2024 18:56	588	0
1552990	1/1/2024 9:08	1/2/2024 9:00	1431.18	0
1432940	1/1/2024 9:09	1/1/2024 18:51	582	0
1680798	1/1/2024 9:13	1/1/2024 18:56	583	0
347230	1/1/2024 9:13	1/1/2024 18:45	572	0
350517	1/1/2024 9:14	1/1/2024 18:41	567	0

8605921	1/1/2024 9:15	1/1/2024 19:03	588	0
350346	1/1/2024 9:16	1/1/2024 18:43	567	0
349467	1/1/2024 9:16	1/1/2024 18:48	572	0
7902724	1/1/2024 9:16	1/1/2024 10:04	48	0
325050	1/1/2024 9:20	1/1/2024 10:54	94	0
539938	1/1/2024 9:22	1/1/2024 18:52	570	0
642003	1/1/2024 9:22	1/1/2024 19:00	578	0
1321605	1/1/2024 9:22	1/1/2024 18:28	546	0
1093889	1/1/2024 9:23	1/1/2024 18:44	561	0
1350104	1/1/2024 9:24	1/1/2024 18:40	556	0
1093722	1/1/2024 9:24	1/1/2024 18:45	561	0
1465703	1/1/2024 9:24	1/1/2024 18:55	571	0
1350598	1/1/2024 9:26	1/1/2024 18:42	556	0
1494722	1/1/2024 9:26	1/1/2024 18:42	556	0
1349502	1/1/2024 9:26	1/1/2024 18:38	552	0
1393699	1/1/2024 9:28	1/1/2024 18:22	534	0
8511623	1/1/2024 9:28	1/1/2024 18:50	562	0
1348444	1/1/2024 9:28	1/1/2024 18:42	554	0
926657	1/1/2024 9:32	1/1/2024 10:04	32	0
1368745	1/1/2024 9:32	1/1/2024 11:38	126	0.04
1320008	1/1/2024 9:36	1/1/2024 18:38	542	0
315752	1/1/2024 9:37	1/1/2024 18:48	551	0
315604	1/1/2024 9:38	1/1/2024 18:23	525	0
313731	1/1/2024 9:38	1/1/2024 18:51	553	0
10371797	1/1/2024 9:39	1/1/2024 18:55	556	0
315380	1/1/2024 9:39	1/1/2024 18:39	540	0
314564	1/1/2024 9:41	1/1/2024 18:47	546	0
314163	1/1/2024 9:42	1/1/2024 18:48	546	0
313954	1/1/2024 9:43	1/1/2024 18:38	535	0
1565203	1/1/2024 9:44	1/1/2024 18:50	546	0
1595324	1/1/2024 9:45	1/1/2024 18:29	524	0
1567316	1/1/2024 9:45	1/1/2024 10:42	57	0
979888	1/1/2024 9:47	1/1/2024 18:37	530	0
1671958	1/1/2024 9:47	1/1/2024 18:42	535	0
981933	1/1/2024 9:48	1/1/2024 18:43	535	0
1394365	1/1/2024 9:48	1/1/2024 18:42	534	0
9063373	1/1/2024 9:50	1/1/2024 18:44	534	0
275018	1/1/2024 9:51	1/1/2024 18:52	541	0
574596	1/1/2024 9:52	1/1/2024 10:07	15	0
498070	1/1/2024 9:52	1/1/2024 18:47	535	0
500173	1/1/2024 9:53	1/1/2024 18:43	530	0
8972545	1/1/2024 9:53	1/1/2024 18:47	534	0
314945	1/1/2024 9:54	1/1/2024 18:50	536	0
1350499	1/1/2024 9:54	1/1/2024 18:34	520	0
1349244	1/1/2024 9:54	1/1/2024 18:28	514	0
8734349	1/1/2024 9:54	1/1/2024 18:44	530	0
1348780	1/1/2024 9:54	1/1/2024 18:48	534	0

1350597	1/1/2024 9:56	1/1/2024 18:36	520	0
1348773	1/1/2024 9:56	1/1/2024 18:30	514	0
317233	1/1/2024 9:56	1/1/2024 18:41	525	0
1346410	1/1/2024 9:56	1/1/2024 18:36	520	0
315346	1/1/2024 9:57	1/1/2024 18:44	527	0
1702895	1/1/2024 9:58	1/1/2024 18:48	530	0
1349542	1/1/2024 9:58	1/1/2024 18:32	514	0
1348300	1/1/2024 9:58	1/1/2024 18:32	514	0
1346665	1/1/2024 9:58	1/1/2024 18:48	530	0
1349338	1/1/2024 9:58	1/1/2024 18:32	514	0
315345	1/1/2024 9:58	1/1/2024 18:46	528	0
1351539	1/1/2024 9:58	1/1/2024 18:44	526	0
1350975	1/1/2024 9:58	1/1/2024 18:32	514	0
1346671	1/1/2024 9:58	1/1/2024 18:48	530	0
304785	1/1/2024 9:59	1/1/2024 18:39	520	0
1349605	1/1/2024 10:00	1/1/2024 18:40	520	0
5212517	1/1/2024 10:00	1/1/2024 18:35	515	0
350406	1/1/2024 10:00	1/1/2024 15:15	315	0
317797	1/1/2024 10:00	1/1/2024 18:49	529	0
304845	1/1/2024 10:00	1/1/2024 18:50	530	0
1416360	1/1/2024 10:02	1/2/2024 9:00	1377.02	0
1346455	1/1/2024 10:02	1/1/2024 18:46	524	0
8621797	1/1/2024 10:02	1/1/2024 19:02	540	0
315730	1/1/2024 10:03	1/1/2024 18:27	504	0
926657	1/1/2024 10:04	1/1/2024 10:19	15	0
455994	1/1/2024 10:04	1/1/2024 10:51	47	0
195839	1/1/2024 10:04	1/1/2024 11:39	95	0
7902724	1/1/2024 10:04	1/1/2024 10:34	30	0
314188	1/1/2024 10:04	1/1/2024 18:43	519	0
7178975	1/1/2024 10:05	1/1/2024 18:29	504	0
197883	1/1/2024 10:05	1/1/2024 11:35	90	0
315169	1/1/2024 10:06	1/1/2024 18:19	493	0
1415828	1/1/2024 10:06	1/1/2024 10:32	26	0
197629	1/1/2024 10:07	1/1/2024 11:36	89	0
574596	1/1/2024 10:07	1/1/2024 14:07	240	0
197690	1/1/2024 10:08	1/1/2024 11:38	90	0
574993	1/1/2024 10:09	1/1/2024 10:14	5	0
346347	1/1/2024 10:13	1/1/2024 18:57	524	0
547577	1/1/2024 10:13	1/1/2024 18:53	520	0
574993	1/1/2024 10:14	1/1/2024 10:25	11	0
345957	1/1/2024 10:14	1/1/2024 15:13	299	0
1375227	1/1/2024 10:14	1/1/2024 18:54	520	0
1576533	1/1/2024 10:15	1/1/2024 11:44	89	0
353651	1/1/2024 10:15	1/1/2024 10:44	29	0
307661	1/1/2024 10:15	1/1/2024 18:23	488	0
344958	1/1/2024 10:16	1/1/2024 18:55	519	0
1430644	1/1/2024 10:16	1/1/2024 18:50	514	0

926505	1/1/2024 10:16	1/1/2024 10:32	16	0
346135	1/1/2024 10:16	1/1/2024 19:01	525	0
449036	1/1/2024 10:17	1/1/2024 18:46	509	0
304345	1/1/2024 10:17	1/1/2024 18:52	515	0
926503	1/1/2024 10:17	1/1/2024 10:32	15	0
306565	1/1/2024 10:17	1/1/2024 18:20	483	0
1464949	1/1/2024 10:18	1/1/2024 18:58	520	0
274125	1/1/2024 10:18	1/1/2024 18:56	518	0
353371	1/1/2024 10:19	1/1/2024 10:45	26	0
927251	1/1/2024 10:19	1/1/2024 10:50	31	0
926657	1/1/2024 10:19	1/1/2024 10:35	16	0
1430553	1/1/2024 10:19	1/1/2024 18:53	514	0
1683861	1/1/2024 10:20	1/1/2024 11:45	85	0
197561	1/1/2024 10:20	1/1/2024 11:36	76	0
1463218	1/1/2024 10:21	1/1/2024 18:49	508	0
1430838	1/1/2024 10:21	1/1/2024 18:59	518	0
274059	1/1/2024 10:21	1/1/2024 18:50	509	0
1509487	1/1/2024 10:21	1/1/2024 18:45	504	0
469018	1/1/2024 10:22	1/1/2024 18:51	509	0
1512146	1/1/2024 10:22	1/1/2024 18:41	499	0
1509486	1/1/2024 10:23	1/1/2024 18:47	504	0
574993	1/1/2024 10:25	1/1/2024 10:30	5	0
926638	1/1/2024 10:25	1/2/2024 9:00	1354.32	0
418876	1/1/2024 10:29	1/1/2024 11:43	74	0
997397	1/1/2024 10:30	1/1/2024 18:32	482	0
415949	1/1/2024 10:30	1/1/2024 11:43	73	0
574993	1/1/2024 10:30	1/2/2024 9:00	1349.9	0
982457	1/1/2024 10:31	1/1/2024 18:36	485	0
417158	1/1/2024 10:31	1/1/2024 11:45	74	0
1415828	1/1/2024 10:32	1/1/2024 10:48	16	0
926503	1/1/2024 10:32	1/1/2024 18:23	471	0
926505	1/1/2024 10:32	1/1/2024 18:35	483	0
70277	1/1/2024 10:33	1/1/2024 18:46	493	0
995564	1/1/2024 10:33	1/1/2024 18:23	470	0
1430294	1/1/2024 10:34	1/1/2024 18:58	504	0
7902724	1/1/2024 10:34	1/1/2024 10:50	16	0
926657	1/1/2024 10:35	1/1/2024 18:28	473	0
10659831	1/1/2024 10:37	1/1/2024 18:47	490	0
324045	1/1/2024 10:39	1/1/2024 18:53	494	0
1333801	1/1/2024 10:40	1/1/2024 18:32	472	0
1567316	1/1/2024 10:42	1/1/2024 18:45	483	0
553755	1/1/2024 10:42	1/1/2024 18:54	492	0
1378128	1/1/2024 10:42	1/1/2024 18:40	478	0
353651	1/1/2024 10:44	1/1/2024 18:49	485	0
353371	1/1/2024 10:45	1/1/2024 19:04	499	0
328113	1/1/2024 10:45	1/1/2024 18:48	483	0
416557	1/1/2024 10:46	1/1/2024 11:49	63	0

456099	1/1/2024 10:48	1/1/2024 14:23	215	0
1415828	1/1/2024 10:48	1/1/2024 11:04	16	0
1434359	1/1/2024 10:49	1/1/2024 18:36	467	0
859747	1/1/2024 10:49	1/1/2024 11:36	47	0
455345	1/1/2024 10:50	1/1/2024 14:19	209	0
455629	1/1/2024 10:50	1/1/2024 14:23	213	0
927251	1/1/2024 10:50	1/1/2024 18:31	461	0
8068454	1/1/2024 10:50	1/1/2024 11:52	62	0
7902724	1/1/2024 10:50	1/1/2024 18:37	467	0
455994	1/1/2024 10:51	1/1/2024 14:22	211	0
8668965	1/1/2024 10:51	1/1/2024 11:54	63	0
457729	1/1/2024 10:51	1/1/2024 14:23	212	0
1332906	1/1/2024 10:52	1/1/2024 18:40	468	0
800588	1/1/2024 10:52	1/1/2024 18:41	469	0
313011	1/1/2024 10:52	1/1/2024 18:55	483	0
353728	1/1/2024 10:52	1/1/2024 19:00	488	0
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457978	1/1/2024 10:53	1/1/2024 14:18	205	0
454901	1/1/2024 10:53	1/1/2024 14:22	209	0
1515733	1/1/2024 10:53	1/1/2024 18:30	457	0
860281	1/1/2024 10:53	1/1/2024 18:46	473	0
800600	1/1/2024 10:53	1/1/2024 18:40	467	0
312846	1/1/2024 10:54	1/1/2024 18:30	456	0
316630	1/1/2024 10:54	1/1/2024 18:57	483	0
325050	1/1/2024 10:54	1/1/2024 18:42	468	0
21306	1/1/2024 10:54	1/1/2024 18:31	457	0
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8524544	1/1/2024 10:55	1/1/2024 18:47	472	0
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21820	1/1/2024 10:57	1/1/2024 18:32	455	0
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346288	1/1/2024 10:58	1/1/2024 18:45	467	0
590897	1/1/2024 11:00	1/1/2024 18:48	468	0.1
252922	1/1/2024 11:00	1/1/2024 18:58	478	0
251248	1/1/2024 11:00	1/1/2024 18:42	462	0
345647	1/1/2024 11:00	1/1/2024 18:58	478	0
251244	1/1/2024 11:01	1/1/2024 18:48	467	0
251189	1/1/2024 11:02	1/1/2024 18:59	477	0
1514004	1/1/2024 11:03	1/1/2024 11:34	31	0

1415828	1/1/2024 11:04	1/1/2024 18:34	450	0
1431804	1/1/2024 11:04	1/1/2024 18:48	464	0
1664433	1/1/2024 11:05	1/1/2024 14:56	231	0
791510	1/1/2024 11:07	1/1/2024 18:44	457	0.07
645339	1/1/2024 11:07	1/1/2024 11:37	30	0
317084	1/1/2024 11:08	1/1/2024 15:41	273	0
324290	1/1/2024 11:08	1/1/2024 11:38	30	0
793638	1/1/2024 11:09	1/1/2024 18:40	451	0
10510361	1/1/2024 11:10	1/1/2024 15:38	268	0
314899	1/1/2024 11:10	1/1/2024 15:38	268	0
373273	1/1/2024 11:10	1/2/2024 9:00	1309.9	0
375117	1/1/2024 11:10	1/2/2024 9:00	1309.9	0
373278	1/1/2024 11:11	1/2/2024 9:00	1308.9	0
8104722	1/1/2024 11:11	1/1/2024 15:41	270	0
375655	1/1/2024 11:11	1/2/2024 9:00	1308.9	0
1446785	1/1/2024 11:11	1/1/2024 18:58	467	0
373050	1/1/2024 11:11	1/2/2024 9:00	1308.9	0
523489	1/1/2024 11:12	1/2/2024 9:00	1307.75	0
346185	1/1/2024 11:12	1/1/2024 18:48	456	0
318402	1/1/2024 11:12	1/1/2024 15:40	268	0
8495802	1/1/2024 11:13	1/1/2024 18:44	451	0
1378273	1/1/2024 11:14	1/1/2024 18:28	434	0
1610090	1/1/2024 11:15	1/1/2024 18:22	427	0
1376158	1/1/2024 11:16	1/1/2024 18:48	452	0
1343695	1/1/2024 11:16	1/1/2024 18:46	450	0
219948	1/1/2024 11:17	1/1/2024 18:07	410	0
1412757	1/1/2024 11:18	1/1/2024 18:28	430	0
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928006	1/1/2024 11:18	1/1/2024 11:34	16	0
8434548	1/1/2024 11:19	1/1/2024 18:02	403	0
1311232	1/1/2024 11:22	1/2/2024 9:00	1297.02	0
324249	1/1/2024 11:22	1/1/2024 11:38	16	0
65553	1/1/2024 11:22	1/2/2024 9:00	1297.75	0
573050	1/1/2024 11:22	1/1/2024 18:43	441	0
323657	1/1/2024 11:23	1/1/2024 11:39	16	0
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1093833	1/1/2024 11:24	1/1/2024 18:45	441	0
204963	1/1/2024 11:24	1/2/2024 9:00	1295.75	0
323747	1/1/2024 11:24	1/1/2024 18:50	446	0
564518	1/1/2024 11:25	1/1/2024 18:51	446	0
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506261	1/1/2024 11:26	1/1/2024 11:52	26	0
509233	1/1/2024 11:26	1/1/2024 18:52	446	0
378229	1/1/2024 11:26	1/1/2024 18:59	453	0
611116	1/1/2024 11:27	1/1/2024 18:55	448	0
381338	1/1/2024 11:29	1/1/2024 18:50	441	0
611270	1/1/2024 11:30	1/1/2024 18:50	440	0

1514004	1/1/2024 11:34	1/1/2024 18:45	431	0
928006	1/1/2024 11:34	1/1/2024 18:48	434	0
199337	1/1/2024 11:34	1/1/2024 12:22	48	0
197883	1/1/2024 11:35	1/1/2024 12:22	47	0
196822	1/1/2024 11:35	1/2/2024 9:00	1284.75	0
859747	1/1/2024 11:36	1/1/2024 11:52	16	0
197629	1/1/2024 11:36	1/1/2024 12:23	47	0
197561	1/1/2024 11:36	1/1/2024 12:23	47	0
267537	1/1/2024 11:37	1/1/2024 18:48	431	0
645339	1/1/2024 11:37	1/1/2024 13:08	91	0
324249	1/1/2024 11:38	1/1/2024 12:09	31	0
619266	1/1/2024 11:38	1/2/2024 9:00	1281.9	0
197690	1/1/2024 11:38	1/1/2024 18:27	409	0
324290	1/1/2024 11:38	1/1/2024 12:10	32	0
1368745	1/1/2024 11:38	1/1/2024 18:42	424	0
198082	1/1/2024 11:38	1/2/2024 9:00	1281.75	0
196408	1/1/2024 11:38	1/1/2024 12:21	43	0
196965	1/1/2024 11:39	1/1/2024 12:20	41	0
323657	1/1/2024 11:39	1/1/2024 12:11	32	0
197356	1/1/2024 11:39	1/1/2024 12:21	42	0
195216	1/1/2024 11:39	1/1/2024 12:22	43	0
195839	1/1/2024 11:39	1/1/2024 14:35	176	0
199354	1/1/2024 11:40	1/1/2024 12:23	43	0
418876	1/1/2024 11:43	1/1/2024 12:46	63	0
415949	1/1/2024 11:43	1/1/2024 12:46	63	0
1576533	1/1/2024 11:44	1/1/2024 14:46	182	0
1683861	1/1/2024 11:45	1/1/2024 12:22	37	0
417158	1/1/2024 11:45	1/1/2024 12:48	63	0
416557	1/1/2024 11:49	1/1/2024 18:33	404	0
859747	1/1/2024 11:52	1/1/2024 12:34	42	0
8068454	1/1/2024 11:52	1/1/2024 14:36	164	0
506261	1/1/2024 11:52	1/1/2024 15:11	199	0
8668965	1/1/2024 11:54	1/1/2024 14:26	152	0
1599209	1/1/2024 11:59	1/1/2024 13:02	63	0
1597556	1/1/2024 12:00	1/1/2024 12:57	57	0
1444809	1/1/2024 12:08	1/1/2024 15:43	215	0
1445317	1/1/2024 12:08	1/1/2024 15:39	211	0
324249	1/1/2024 12:09	1/1/2024 18:48	399	0
324290	1/1/2024 12:10	1/2/2024 9:00	1249.75	0
323657	1/1/2024 12:11	1/2/2024 9:00	1248.75	0
196965	1/1/2024 12:20	1/1/2024 18:27	367	0
196408	1/1/2024 12:21	1/1/2024 14:22	121	0
197356	1/1/2024 12:21	1/1/2024 18:44	383	0
327693	1/1/2024 12:22	1/1/2024 15:36	194	0
1683861	1/1/2024 12:22	1/1/2024 18:36	374	0
195216	1/1/2024 12:22	1/1/2024 19:31	429	0
199337	1/1/2024 12:22	1/1/2024 18:39	377	0

197883	1/1/2024 12:22	1/1/2024 14:23	121	0
197561	1/1/2024 12:23	1/1/2024 18:31	368	0
197629	1/1/2024 12:23	1/1/2024 14:24	121	0
199354	1/1/2024 12:23	1/1/2024 18:33	370	0
328817	1/1/2024 12:25	1/2/2024 9:00	1234.75	0
1523524	1/1/2024 12:26	1/1/2024 18:50	384	0
1433697	1/1/2024 12:29	1/1/2024 19:21	412	0
456048	1/1/2024 12:30	1/2/2024 9:00	1229.9	0
449377	1/1/2024 12:32	1/1/2024 13:38	66	0
456084	1/1/2024 12:33	1/2/2024 9:00	1226.9	0
859747	1/1/2024 12:34	1/1/2024 13:53	79	0
330528	1/1/2024 12:37	1/1/2024 14:49	132	0
415949	1/1/2024 12:46	1/1/2024 15:03	137	0
418876	1/1/2024 12:46	1/1/2024 14:15	89	0
417158	1/1/2024 12:48	1/2/2024 9:00	1211.9	0
326028	1/1/2024 12:57	1/1/2024 14:58	121	0
1597556	1/1/2024 12:57	1/2/2024 9:00	1202.18	0
756553	1/1/2024 13:01	1/2/2024 9:00	1198.9	0
1599209	1/1/2024 13:02	1/2/2024 9:00	1197.18	0
580808	1/1/2024 13:06	1/1/2024 14:09	63	0
645339	1/1/2024 13:08	1/2/2024 9:00	1191.9	0
1321750	1/1/2024 13:08	1/2/2024 9:00	1191.02	0
1081237	1/1/2024 13:31	1/1/2024 21:01	450	0
449377	1/1/2024 13:38	1/1/2024 18:16	278	0
859747	1/1/2024 13:53	1/1/2024 18:57	304	0
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574596	1/1/2024 14:07	1/1/2024 14:22	15	0
580808	1/1/2024 14:09	1/1/2024 14:24	15	0
160073	1/1/2024 14:12	1/1/2024 14:44	32	0
418876	1/1/2024 14:15	1/1/2024 14:31	16	0
47769	1/1/2024 14:16	1/1/2024 18:23	247	0
457978	1/1/2024 14:18	1/1/2024 15:21	63	0
455345	1/1/2024 14:19	1/1/2024 15:22	63	0
49209	1/1/2024 14:20	1/1/2024 18:47	267	0
455994	1/1/2024 14:22	1/1/2024 14:52	30	0
196408	1/1/2024 14:22	1/1/2024 14:37	15	0
574596	1/1/2024 14:22	1/1/2024 14:37	15	0
454901	1/1/2024 14:22	1/1/2024 15:18	56	0
197883	1/1/2024 14:23	1/1/2024 14:38	15	0
455629	1/1/2024 14:23	1/1/2024 15:22	59	0
457729	1/1/2024 14:23	1/1/2024 15:19	56	0
456099	1/1/2024 14:23	1/1/2024 18:46	263	0
197629	1/1/2024 14:24	1/1/2024 18:52	268	0
580808	1/1/2024 14:24	1/1/2024 14:40	16	0
8668965	1/1/2024 14:26	1/1/2024 18:38	252	0
418876	1/1/2024 14:31	1/1/2024 14:47	16	0
195839	1/1/2024 14:35	1/1/2024 14:51	16	0

8068454	1/1/2024 14:36	1/1/2024 18:58	262	0
574596	1/1/2024 14:37	1/1/2024 18:47	250	0
196408	1/1/2024 14:37	1/1/2024 18:28	231	0
1405153	1/1/2024 14:38	1/1/2024 18:42	244	0
197883	1/1/2024 14:38	1/1/2024 18:33	235	0
580808	1/1/2024 14:40	1/1/2024 18:42	242	0
1110841	1/1/2024 14:43	1/1/2024 18:28	225	0
160073	1/1/2024 14:44	1/1/2024 18:35	231	0
1576533	1/1/2024 14:46	1/1/2024 18:42	236	0
418876	1/1/2024 14:47	1/1/2024 18:43	236	0
304295	1/1/2024 14:47	1/1/2024 19:05	258	0
7533405	1/1/2024 14:47	1/2/2024 0:27	580	0
330528	1/1/2024 14:49	1/1/2024 18:04	195	0
563721	1/1/2024 14:49	1/1/2024 18:51	242	0
195839	1/1/2024 14:51	1/1/2024 18:31	220	0
455994	1/1/2024 14:52	1/1/2024 18:53	241	0
8387677	1/1/2024 14:54	1/1/2024 18:47	233	0
1664433	1/1/2024 14:56	1/1/2024 18:52	236	0
1345699	1/1/2024 14:56	1/1/2024 18:52	236	0
551972	1/1/2024 14:57	1/1/2024 18:48	231	0
549370	1/1/2024 14:57	1/1/2024 18:58	241	0
10371746	1/1/2024 14:58	1/1/2024 18:49	231	0
326028	1/1/2024 14:58	1/1/2024 22:29	451	0
549259	1/1/2024 15:00	1/1/2024 18:48	228	0
1393633	1/1/2024 15:02	1/1/2024 18:52	230	0
415949	1/1/2024 15:03	1/1/2024 18:38	215	0
276488	1/1/2024 15:05	1/1/2024 18:50	225	0
277301	1/1/2024 15:05	1/1/2024 18:53	228	0
277818	1/1/2024 15:06	1/1/2024 18:53	227	0
274522	1/1/2024 15:07	1/1/2024 18:47	220	0
4173986	1/1/2024 15:08	1/1/2024 18:53	225	0
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279833	1/1/2024 15:09	1/1/2024 18:55	226	0
1685329	1/1/2024 15:10	1/1/2024 18:50	220	0
508593	1/1/2024 15:10	1/1/2024 18:51	221	0
1307027	1/1/2024 15:10	1/1/2024 18:44	214	0
506261	1/1/2024 15:11	1/1/2024 18:41	210	0
549237	1/1/2024 15:13	1/1/2024 18:48	215	0
345957	1/1/2024 15:13	1/1/2024 18:53	220	0
350406	1/1/2024 15:15	1/1/2024 16:18	63	0
454901	1/1/2024 15:18	1/1/2024 16:05	47	0
457729	1/1/2024 15:19	1/1/2024 16:07	48	0
457978	1/1/2024 15:21	1/1/2024 16:05	44	0
1435127	1/1/2024 15:21	1/1/2024 18:46	205	0
510307	1/1/2024 15:22	1/1/2024 18:37	195	0
455629	1/1/2024 15:22	1/1/2024 18:52	210	0
510974	1/1/2024 15:22	1/1/2024 18:41	199	0

455345	1/1/2024 15:22	1/1/2024 16:07	45	0
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507365	1/1/2024 15:26	1/1/2024 18:50	204	0
318815	1/1/2024 15:30	1/2/2024 9:00	1049.75	0
317768	1/1/2024 15:32	1/2/2024 9:00	1047.75	0
593397	1/1/2024 15:32	1/1/2024 18:39	187	0
65245	1/1/2024 15:33	1/2/2024 9:00	1046.75	0
593366	1/1/2024 15:33	1/1/2024 18:37	184	0
593798	1/1/2024 15:34	1/1/2024 18:43	189	0
327693	1/1/2024 15:36	1/1/2024 18:45	189	0
8495805	1/1/2024 15:38	1/1/2024 18:57	199	0
314899	1/1/2024 15:38	1/1/2024 16:41	63	0
10510361	1/1/2024 15:38	1/1/2024 16:41	63	0
1445317	1/1/2024 15:39	1/1/2024 18:43	184	0
318402	1/1/2024 15:40	1/1/2024 16:43	63	0
8104722	1/1/2024 15:41	1/1/2024 16:39	58	0
317084	1/1/2024 15:41	1/1/2024 16:39	58	0
413869	1/1/2024 15:43	1/1/2024 23:16	453	0
1444809	1/1/2024 15:43	1/1/2024 18:41	178	0
496500	1/1/2024 15:52	1/1/2024 18:45	173	0
316997	1/1/2024 15:54	1/1/2024 18:53	179	0
8148103	1/1/2024 15:55	1/1/2024 18:54	179	0
315306	1/1/2024 15:56	1/1/2024 18:55	179	0
457978	1/1/2024 16:05	1/1/2024 18:56	171	0
454901	1/1/2024 16:05	1/1/2024 18:53	168	0
457729	1/1/2024 16:07	1/1/2024 19:00	173	0
455345	1/1/2024 16:07	1/1/2024 19:09	182	0
1450250	1/1/2024 16:09	1/1/2024 18:57	168	0
8206792	1/1/2024 16:11	1/1/2024 18:48	157	0
980398	1/1/2024 16:15	1/1/2024 18:36	141	0
350406	1/1/2024 16:18	1/1/2024 19:01	163	0
8104722	1/1/2024 16:39	1/1/2024 18:50	131	0
317084	1/1/2024 16:39	1/1/2024 19:00	141	0
314899	1/1/2024 16:41	1/1/2024 18:47	126	0
10510361	1/1/2024 16:41	1/1/2024 18:46	125	0
318402	1/1/2024 16:43	1/1/2024 18:49	126	0
8434548	1/1/2024 18:02	1/2/2024 9:00	897.75	0
1503739	1/1/2024 18:02	1/2/2024 3:50	588	0
330528	1/1/2024 18:04	1/2/2024 9:00	895.75	0
980870	1/1/2024 18:04	1/1/2024 18:51	47	0
219948	1/1/2024 18:07	1/2/2024 9:00	892.75	0
449377	1/1/2024 18:16	1/1/2024 19:14	58	0
315169	1/1/2024 18:19	1/2/2024 8:35	856	0
306565	1/1/2024 18:20	1/2/2024 9:00	879.75	0
1393699	1/1/2024 18:22	1/2/2024 9:00	877.02	0
1610090	1/1/2024 18:22	1/2/2024 9:00	877.18	0
47769	1/1/2024 18:23	1/2/2024 9:00	876.75	0

315604	1/1/2024 18:23	1/2/2024 9:00	876.75	0
307661	1/1/2024 18:23	1/2/2024 9:00	876.75	0
995564	1/1/2024 18:23	1/2/2024 9:00	876.18	0
926503	1/1/2024 18:23	1/2/2024 9:00	876.32	0
196965	1/1/2024 18:27	1/2/2024 9:00	872.75	0
315730	1/1/2024 18:27	1/2/2024 8:32	845	0
197690	1/1/2024 18:27	1/2/2024 9:00	872.75	0
1349244	1/1/2024 18:28	1/2/2024 9:00	871.02	0
1110841	1/1/2024 18:28	1/2/2024 9:00	871.18	0
196408	1/1/2024 18:28	1/2/2024 9:00	871.75	0
1378273	1/1/2024 18:28	1/2/2024 9:00	871.02	0
926657	1/1/2024 18:28	1/2/2024 9:00	871.32	0
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1595324	1/1/2024 18:29	1/2/2024 9:00	870.18	0
7178975	1/1/2024 18:29	1/2/2024 8:35	846	0
1348773	1/1/2024 18:30	1/2/2024 9:00	869.02	0
1515733	1/1/2024 18:30	1/2/2024 9:00	869.18	0
312846	1/1/2024 18:30	1/2/2024 9:00	869.75	0
927251	1/1/2024 18:31	1/2/2024 9:00	868.32	0
195839	1/1/2024 18:31	1/2/2024 9:00	868.75	0
21306	1/1/2024 18:31	1/2/2024 9:00	868.75	0
197561	1/1/2024 18:31	1/2/2024 9:00	868.75	0
1349542	1/1/2024 18:32	1/2/2024 9:00	867.02	0
997397	1/1/2024 18:32	1/2/2024 9:00	867.18	0
21820	1/1/2024 18:32	1/2/2024 9:00	867.75	0
1348300	1/1/2024 18:32	1/2/2024 9:00	867.02	0
1350975	1/1/2024 18:32	1/2/2024 9:00	867.02	0
1333801	1/1/2024 18:32	1/2/2024 9:00	867.02	0
1349338	1/1/2024 18:32	1/2/2024 9:00	867.02	0
416557	1/1/2024 18:33	1/2/2024 9:00	866.9	0
197883	1/1/2024 18:33	1/2/2024 9:00	866.75	0
199354	1/1/2024 18:33	1/2/2024 9:00	866.75	0
1415828	1/1/2024 18:34	1/2/2024 9:00	865.02	0
1350499	1/1/2024 18:34	1/2/2024 9:00	865.02	0
5212517	1/1/2024 18:35	1/2/2024 9:00	864.75	0
926505	1/1/2024 18:35	1/2/2024 9:00	864.32	0
160073	1/1/2024 18:35	1/2/2024 9:00	864.18	0
1350597	1/1/2024 18:36	1/2/2024 9:00	863.02	0
1346410	1/1/2024 18:36	1/2/2024 9:00	863.02	0
980398	1/1/2024 18:36	1/2/2024 9:00	863.18	0
1434359	1/1/2024 18:36	1/2/2024 9:00	863.18	0
1378582	1/1/2024 18:36	1/2/2024 9:00	863.02	0
982457	1/1/2024 18:36	1/2/2024 9:00	863.18	0
1683861	1/1/2024 18:36	1/2/2024 9:00	863.75	0
593366	1/1/2024 18:37	1/2/2024 9:00	862.9	0
979888	1/1/2024 18:37	1/2/2024 9:00	862.18	0

7902724	1/1/2024 18:37	1/2/2024 8:32	835	0
510307	1/1/2024 18:37	1/2/2024 9:00	862.9	0
1320008	1/1/2024 18:38	1/2/2024 9:00	861.02	0
1320619	1/1/2024 18:38	1/2/2024 9:00	861.02	0
415949	1/1/2024 18:38	1/2/2024 9:00	861.9	0
313954	1/1/2024 18:38	1/2/2024 9:00	861.75	0
1349502	1/1/2024 18:38	1/2/2024 9:00	861.02	0
8668965	1/1/2024 18:38	1/2/2024 9:00	861.9	0
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199337	1/1/2024 18:39	1/2/2024 9:00	860.75	0
315380	1/1/2024 18:39	1/2/2024 9:00	860.75	0
593397	1/1/2024 18:39	1/2/2024 9:00	860.9	0
800600	1/1/2024 18:40	1/2/2024 9:00	859.32	0
1332906	1/1/2024 18:40	1/2/2024 9:00	859.02	0
1378128	1/1/2024 18:40	1/2/2024 9:00	859.02	0
793638	1/1/2024 18:40	1/2/2024 9:00	859.32	0
1350104	1/1/2024 18:40	1/2/2024 9:00	859.02	0
1349605	1/1/2024 18:40	1/2/2024 9:00	859.02	0
800590	1/1/2024 18:40	1/2/2024 9:00	859.32	0
1512146	1/1/2024 18:41	1/2/2024 9:00	858.18	0
350517	1/1/2024 18:41	1/2/2024 9:00	858.75	0
510974	1/1/2024 18:41	1/2/2024 9:00	858.9	0
317233	1/1/2024 18:41	1/2/2024 9:00	858.75	0
506261	1/1/2024 18:41	1/2/2024 9:00	858.9	0
800588	1/1/2024 18:41	1/2/2024 9:00	858.32	0
1444809	1/1/2024 18:41	1/2/2024 7:54	793	0
1368745	1/1/2024 18:42	1/2/2024 9:00	857.02	0
1576533	1/1/2024 18:42	1/2/2024 9:00	857.18	0
1671958	1/1/2024 18:42	1/2/2024 9:00	857.9	0
325050	1/1/2024 18:42	1/2/2024 9:00	857.75	0
1350598	1/1/2024 18:42	1/2/2024 9:00	857.02	0
580808	1/1/2024 18:42	1/2/2024 9:00	857.9	0
1405153	1/1/2024 18:42	1/2/2024 9:00	857.02	0
1394365	1/1/2024 18:42	1/2/2024 9:00	857.02	0
1614051	1/1/2024 18:42	1/2/2024 9:00	857.18	0
1348444	1/1/2024 18:42	1/2/2024 9:00	857.02	0
251248	1/1/2024 18:42	1/2/2024 9:00	857.75	0
1466638	1/1/2024 18:42	1/2/2024 8:37	835	0
1494722	1/1/2024 18:42	1/2/2024 9:00	857.02	0
500173	1/1/2024 18:43	1/2/2024 9:00	856.9	0
1445317	1/1/2024 18:43	1/2/2024 7:54	791	0
418876	1/1/2024 18:43	1/2/2024 9:00	856.9	0
573050	1/1/2024 18:43	1/2/2024 9:00	856.9	0
350346	1/1/2024 18:43	1/2/2024 9:00	856.75	0
593798	1/1/2024 18:43	1/2/2024 9:00	856.9	0
314188	1/1/2024 18:43	1/2/2024 8:32	829	0
981933	1/1/2024 18:43	1/2/2024 9:00	856.18	0

1394324	1/1/2024 18:44	1/2/2024 9:00	855.02	0
1093889	1/1/2024 18:44	1/2/2024 8:34	830	0
1307027	1/1/2024 18:44	1/2/2024 9:00	855.02	0
8734349	1/1/2024 18:44	1/2/2024 9:00	855.02	0
8495802	1/1/2024 18:44	1/2/2024 9:00	855.18	0
1351539	1/1/2024 18:44	1/2/2024 9:00	855.02	0
197356	1/1/2024 18:44	1/2/2024 9:00	855.75	0
315346	1/1/2024 18:44	1/2/2024 9:00	855.75	0
791510	1/1/2024 18:44	1/2/2024 9:00	855.32	0
9063373	1/1/2024 18:44	1/2/2024 9:00	855.02	0
496500	1/1/2024 18:45	1/2/2024 9:00	854.9	0
1509487	1/1/2024 18:45	1/2/2024 9:00	854.18	0
6761269	1/1/2024 18:45	1/2/2024 9:00	854.75	0
1514004	1/1/2024 18:45	1/2/2024 9:00	854.18	0
346288	1/1/2024 18:45	1/2/2024 9:00	854.75	0
347230	1/1/2024 18:45	1/2/2024 9:00	854.75	0
327693	1/1/2024 18:45	1/2/2024 9:00	854.75	0
1567316	1/1/2024 18:45	1/2/2024 9:00	854.18	0
1093722	1/1/2024 18:45	1/2/2024 9:00	854.9	0
1434316	1/1/2024 18:45	1/2/2024 9:00	854.18	0
1093833	1/1/2024 18:45	1/2/2024 9:00	854.9	0
1320646	1/1/2024 18:46	1/2/2024 9:00	853.02	0
860281	1/1/2024 18:46	1/2/2024 9:00	853.32	0
1435127	1/1/2024 18:46	1/2/2024 9:00	853.18	0
70277	1/1/2024 18:46	1/2/2024 9:00	853.75	0
315345	1/1/2024 18:46	1/2/2024 9:00	853.75	0
456099	1/1/2024 18:46	1/2/2024 9:00	853.9	0
449036	1/1/2024 18:46	1/2/2024 9:00	853.9	0
1346455	1/1/2024 18:46	1/2/2024 9:00	853.02	0
1343695	1/1/2024 18:46	1/2/2024 9:00	853.02	0
10510361	1/1/2024 18:46	1/2/2024 9:00	853.75	0
274522	1/1/2024 18:47	1/2/2024 9:00	852.75	0
8387677	1/1/2024 18:47	1/2/2024 9:00	852.75	0
8972545	1/1/2024 18:47	1/2/2024 9:00	852.9	0
574596	1/1/2024 18:47	1/2/2024 9:00	852.9	0
314899	1/1/2024 18:47	1/2/2024 9:00	852.75	0
8524544	1/1/2024 18:47	1/2/2024 9:00	852.75	0
49209	1/1/2024 18:47	1/2/2024 9:00	852.75	0
498070	1/1/2024 18:47	1/2/2024 9:00	852.9	0
1509486	1/1/2024 18:47	1/2/2024 9:00	852.18	0
10659831	1/1/2024 18:47	1/2/2024 9:00	852.18	0
314564	1/1/2024 18:47	1/2/2024 9:00	852.75	0
928006	1/1/2024 18:48	1/2/2024 9:00	851.32	0
1348780	1/1/2024 18:48	1/2/2024 9:00	851.02	0
1346665	1/1/2024 18:48	1/2/2024 9:00	851.02	0
328113	1/1/2024 18:48	1/2/2024 9:00	851.75	0
590897	1/1/2024 18:48	1/2/2024 9:00	851.9	0

551972	1/1/2024 18:48	1/2/2024 9:00	851.9	0
1346671	1/1/2024 18:48	1/2/2024 9:00	851.02	0
315752	1/1/2024 18:48	1/2/2024 9:00	851.75	0
549237	1/1/2024 18:48	1/2/2024 9:00	851.9	0
349467	1/1/2024 18:48	1/2/2024 9:00	851.75	0
801004	1/1/2024 18:48	1/2/2024 9:00	851.32	0
8206792	1/1/2024 18:48	1/2/2024 9:00	851.18	0
314163	1/1/2024 18:48	1/2/2024 9:00	851.75	0
1376158	1/1/2024 18:48	1/2/2024 8:04	796	0
346185	1/1/2024 18:48	1/2/2024 9:00	851.75	0
324249	1/1/2024 18:48	1/2/2024 9:00	851.75	0
549259	1/1/2024 18:48	1/2/2024 9:00	851.9	0
1702895	1/1/2024 18:48	1/2/2024 9:00	851.02	0
267537	1/1/2024 18:48	1/2/2024 9:00	851.75	0
251244	1/1/2024 18:48	1/2/2024 9:00	851.75	0
1431804	1/1/2024 18:48	1/2/2024 9:00	851.18	0
317797	1/1/2024 18:49	1/2/2024 9:00	850.75	0
10371746	1/1/2024 18:49	1/2/2024 9:00	850.9	0
1463218	1/1/2024 18:49	1/2/2024 9:00	850.18	0
511266	1/1/2024 18:49	1/2/2024 9:00	850.9	0
318402	1/1/2024 18:49	1/2/2024 9:00	850.75	0
353651	1/1/2024 18:49	1/2/2024 9:00	850.75	0
342796	1/1/2024 18:49	1/2/2024 9:00	850.75	0
314945	1/1/2024 18:50	1/2/2024 9:00	849.75	0
611270	1/1/2024 18:50	1/2/2024 9:00	849.9	0
8104722	1/1/2024 18:50	1/2/2024 9:00	849.75	0
1565203	1/1/2024 18:50	1/2/2024 9:00	849.18	0
381338	1/1/2024 18:50	1/2/2024 9:00	849.9	0
507365	1/1/2024 18:50	1/2/2024 9:00	849.9	0
1685329	1/1/2024 18:50	1/2/2024 9:00	849.02	0
274059	1/1/2024 18:50	1/2/2024 9:00	849.75	0
276488	1/1/2024 18:50	1/2/2024 9:00	849.75	0
304845	1/1/2024 18:50	1/2/2024 9:00	849.75	0
1523524	1/1/2024 18:50	1/2/2024 9:00	849.18	0
8511623	1/1/2024 18:50	1/2/2024 8:39	829	0
323747	1/1/2024 18:50	1/2/2024 9:00	849.75	0
1430644	1/1/2024 18:50	1/2/2024 9:00	849.18	0
313731	1/1/2024 18:51	1/2/2024 9:00	848.75	0
469018	1/1/2024 18:51	1/2/2024 9:00	848.9	0
564518	1/1/2024 18:51	1/2/2024 9:00	848.9	0
508593	1/1/2024 18:51	1/2/2024 9:00	848.9	0
563721	1/1/2024 18:51	1/2/2024 9:00	848.9	0
980870	1/1/2024 18:51	1/2/2024 9:00	848.18	0
1432940	1/1/2024 18:51	1/2/2024 7:54	783	0
1393633	1/1/2024 18:52	1/2/2024 9:00	847.02	0
197629	1/1/2024 18:52	1/2/2024 9:00	847.75	0
1664433	1/1/2024 18:52	1/2/2024 9:00	847.32	0

539938	1/1/2024 18:52	1/2/2024 9:00	847.9	0
455629	1/1/2024 18:52	1/2/2024 9:00	847.9	0
275018	1/1/2024 18:52	1/2/2024 9:00	847.75	0
1345699	1/1/2024 18:52	1/2/2024 9:00	847.02	0
304345	1/1/2024 18:52	1/2/2024 9:00	847.75	0
509233	1/1/2024 18:52	1/2/2024 9:00	847.9	0
51957	1/1/2024 18:53	1/2/2024 9:00	846.75	0
277818	1/1/2024 18:53	1/2/2024 9:00	846.75	0
345957	1/1/2024 18:53	1/2/2024 9:00	846.75	0
324045	1/1/2024 18:53	1/2/2024 9:00	846.75	0
316997	1/1/2024 18:53	1/2/2024 9:00	846.75	0
455994	1/1/2024 18:53	1/2/2024 9:00	846.9	0
275495	1/1/2024 18:53	1/2/2024 9:00	846.75	0
454861	1/1/2024 18:53	1/2/2024 9:00	846.9	0
4173986	1/1/2024 18:53	1/2/2024 9:00	846.75	0
454901	1/1/2024 18:53	1/2/2024 9:00	846.9	0
277301	1/1/2024 18:53	1/2/2024 9:00	846.75	0
547577	1/1/2024 18:53	1/2/2024 9:00	846.75	0
1430553	1/1/2024 18:53	1/2/2024 9:00	846.18	0
8148103	1/1/2024 18:54	1/2/2024 9:00	845.75	0
1375227	1/1/2024 18:54	1/2/2024 9:00	845.02	0
553755	1/1/2024 18:54	1/2/2024 9:00	845.9	0
279833	1/1/2024 18:55	1/2/2024 9:00	844.75	0
611116	1/1/2024 18:55	1/2/2024 9:00	844.9	0
1465703	1/1/2024 18:55	1/2/2024 9:00	844.18	0
10371797	1/1/2024 18:55	1/2/2024 9:00	844.75	0
315616	1/1/2024 18:55	1/2/2024 9:00	844.75	0
313011	1/1/2024 18:55	1/2/2024 9:00	844.75	0
315306	1/1/2024 18:55	1/2/2024 9:00	844.75	0
344958	1/1/2024 18:55	1/2/2024 9:00	844.75	0
1680798	1/1/2024 18:56	1/2/2024 9:00	843.75	0
457978	1/1/2024 18:56	1/2/2024 9:00	843.9	0
346967	1/1/2024 18:56	1/2/2024 9:00	843.75	0
1433348	1/1/2024 18:56	1/2/2024 7:53	777	0
274125	1/1/2024 18:56	1/2/2024 9:00	843.75	0
8495805	1/1/2024 18:57	1/2/2024 9:00	842.9	0
1450250	1/1/2024 18:57	1/2/2024 9:00	842.18	0
859747	1/1/2024 18:57	1/2/2024 9:00	842.32	0
346347	1/1/2024 18:57	1/2/2024 9:00	842.75	0
316630	1/1/2024 18:57	1/2/2024 9:00	842.75	0
252922	1/1/2024 18:58	1/2/2024 9:00	841.75	0
345647	1/1/2024 18:58	1/2/2024 9:00	841.75	0
549370	1/1/2024 18:58	1/2/2024 9:00	841.9	0
1430294	1/1/2024 18:58	1/2/2024 9:00	841.18	0
8068454	1/1/2024 18:58	1/2/2024 9:00	841.9	0
1446785	1/1/2024 18:58	1/2/2024 9:00	841.18	0
1464949	1/1/2024 18:58	1/2/2024 9:00	841.18	0

1430838	1/1/2024 18:59	1/2/2024 9:00	840.18	0
378229	1/1/2024 18:59	1/2/2024 9:00	840.9	0
251189	1/1/2024 18:59	1/2/2024 9:00	840.75	0
317084	1/1/2024 19:00	1/2/2024 9:00	839.75	0
642003	1/1/2024 19:00	1/2/2024 9:00	839.9	0
457729	1/1/2024 19:00	1/2/2024 9:00	839.9	0
313269	1/1/2024 19:00	1/2/2024 9:00	839.75	0
353728	1/1/2024 19:00	1/2/2024 9:00	839.75	0
350406	1/1/2024 19:01	1/2/2024 9:00	838.75	0
346135	1/1/2024 19:01	1/2/2024 9:00	838.75	0
8621797	1/1/2024 19:02	1/2/2024 9:00	837.75	0
8605921	1/1/2024 19:03	1/2/2024 9:00	836.75	0
353371	1/1/2024 19:04	1/2/2024 9:00	835.75	0
304295	1/1/2024 19:05	1/2/2024 9:00	834.75	0
455345	1/1/2024 19:09	1/2/2024 9:00	830.9	0
449377	1/1/2024 19:14	1/1/2024 20:11	57	0
1433697	1/1/2024 19:21	1/2/2024 9:00	818.85	0
195216	1/1/2024 19:31	1/2/2024 9:00	808.75	0
449377	1/1/2024 20:11	1/1/2024 20:27	16	0
449377	1/1/2024 20:27	1/1/2024 22:12	105	0
1081237	1/1/2024 21:01	1/2/2024 9:00	718.85	0
449377	1/1/2024 22:12	1/1/2024 22:28	16	0
449377	1/1/2024 22:28	1/1/2024 23:20	52	0
326028	1/1/2024 22:29	1/2/2024 2:57	268	0
413869	1/1/2024 23:16	1/2/2024 9:00	583.85	0
449377	1/1/2024 23:20	1/2/2024 1:23	123	0
7533405	1/2/2024 0:27	1/2/2024 9:00	512.75	0
449377	1/2/2024 1:23	1/2/2024 8:42	439	0
326028	1/2/2024 2:57	1/2/2024 5:30	153	0
1503739	1/2/2024 3:50	1/2/2024 9:00	309.18	0
326028	1/2/2024 5:30	1/2/2024 9:00	209.75	0
1433348	1/2/2024 7:53	1/2/2024 9:00	66.18	0
1432940	1/2/2024 7:54	1/2/2024 9:00	65.18	0
1444809	1/2/2024 7:54	1/2/2024 9:00	65.18	0
1445317	1/2/2024 7:54	1/2/2024 9:00	65.18	0
1376158	1/2/2024 8:04	1/2/2024 9:00	55.02	0
1326407	1/2/2024 8:12	1/2/2024 9:00	47.02	0
1609222	1/2/2024 8:17	1/2/2024 9:00	42.18	0
314188	1/2/2024 8:32	1/2/2024 9:00	27.75	0
7902724	1/2/2024 8:32	1/2/2024 9:00	27.75	0
315730	1/2/2024 8:32	1/2/2024 9:00	27.75	0
1093889	1/2/2024 8:34	1/2/2024 9:00	25.9	0
315169	1/2/2024 8:35	1/2/2024 9:00	24.75	0
7178975	1/2/2024 8:35	1/2/2024 9:00	24.75	0
1466638	1/2/2024 8:37	1/2/2024 9:00	22.18	0
8511623	1/2/2024 8:39	1/2/2024 9:00	20.75	0
449377	1/2/2024 8:42	1/2/2024 9:00	17.9	0

1595351	1/2/2024 8:45	1/2/2024 9:00	14.18	0
1333801	1/2/2024 9:00	1/2/2024 18:52	592	0
5212517	1/2/2024 9:00	1/2/2024 19:07	607	0.14
1552447	1/2/2024 9:00	1/3/2024 9:00	1439.18	0
574993	1/2/2024 9:00	1/2/2024 11:21	141	0
1394324	1/2/2024 9:00	1/2/2024 19:04	604	0
353728	1/2/2024 9:00	1/2/2024 10:19	79	0
1595351	1/2/2024 9:00	1/2/2024 19:05	605	0
8766703	1/2/2024 9:00	1/3/2024 9:00	1439.18	0
1516786	1/2/2024 9:00	1/3/2024 9:00	1439.18	0
8668965	1/2/2024 9:00	1/2/2024 10:54	114	0
195216	1/2/2024 9:00	1/2/2024 11:06	126	0
326028	1/2/2024 9:00	1/2/2024 12:09	189	0
1609222	1/2/2024 9:00	1/2/2024 19:03	603	0
319279	1/2/2024 9:00	1/3/2024 9:00	1439.75	0
1513541	1/2/2024 9:00	1/3/2024 9:00	1439.18	0
1609415	1/2/2024 9:01	1/2/2024 18:55	594	0
1368745	1/2/2024 9:02	1/2/2024 18:54	592	0.19
469018	1/2/2024 9:02	1/2/2024 19:01	599	0
1609551	1/2/2024 9:04	1/2/2024 19:02	598	0
1609484	1/2/2024 9:04	1/2/2024 18:57	593	0
325050	1/2/2024 9:07	1/2/2024 18:50	583	0
1453263	1/2/2024 9:07	1/2/2024 14:38	331	0
1552990	1/2/2024 9:08	1/3/2024 9:00	1431.18	0
509233	1/2/2024 9:08	1/2/2024 11:40	152	0
1445317	1/2/2024 9:09	1/2/2024 18:58	589	0
1671958	1/2/2024 9:09	1/2/2024 10:33	84	0
314945	1/2/2024 9:11	1/2/2024 19:04	593	0.22
8511623	1/2/2024 9:11	1/2/2024 18:59	588	0
1444809	1/2/2024 9:13	1/2/2024 18:56	583	0.66
10628562	1/2/2024 9:16	1/2/2024 18:59	583	0
1595324	1/2/2024 9:17	1/2/2024 18:59	582	0
9063373	1/2/2024 9:18	1/2/2024 11:50	152	0
349467	1/2/2024 9:19	1/2/2024 19:02	583	0
1394365	1/2/2024 9:20	1/2/2024 11:52	152	0
7902724	1/2/2024 9:20	1/2/2024 19:02	582	0
323747	1/2/2024 9:21	1/2/2024 11:38	137	0.11
1465703	1/2/2024 9:22	1/2/2024 11:38	136	0
1093889	1/2/2024 9:22	1/2/2024 11:38	136	0
539938	1/2/2024 9:24	1/2/2024 18:59	575	0
1466638	1/2/2024 9:24	1/2/2024 18:51	567	0
324249	1/2/2024 9:24	1/2/2024 19:02	578	0
324290	1/2/2024 9:25	1/2/2024 11:21	116	0
323657	1/2/2024 9:25	1/2/2024 11:37	132	0
1406535	1/2/2024 9:26	1/2/2024 19:04	578	0.31
1321605	1/2/2024 9:26	1/2/2024 18:48	562	0
304785	1/2/2024 9:26	1/2/2024 19:04	578	0.17

1405290	1/2/2024 9:26	1/2/2024 14:42	316	0.08
25674	1/2/2024 9:26	1/2/2024 11:27	121	0
304845	1/2/2024 9:27	1/2/2024 19:04	577	0
188639	1/2/2024 9:28	1/2/2024 11:29	121	0
24124	1/2/2024 9:29	1/2/2024 19:12	583	0
732691	1/2/2024 9:30	1/2/2024 19:03	573	0
1393699	1/2/2024 9:30	1/2/2024 18:58	568	0.05
1494722	1/2/2024 9:30	1/2/2024 19:08	578	0.14
8621797	1/2/2024 9:31	1/2/2024 19:08	577	0
350517	1/2/2024 9:33	1/2/2024 14:16	283	0
8605921	1/2/2024 9:33	1/2/2024 14:17	284	0.03
275018	1/2/2024 9:34	1/2/2024 11:35	121	0
51957	1/2/2024 9:35	1/2/2024 19:07	572	0.18
859747	1/2/2024 9:36	1/2/2024 11:37	121	0
1433697	1/2/2024 9:36	1/2/2024 10:17	41	0
8104722	1/2/2024 9:37	1/2/2024 18:59	562	0
860281	1/2/2024 9:37	1/2/2024 11:38	121	0
1433348	1/2/2024 9:38	1/2/2024 11:55	137	0
1432940	1/2/2024 9:38	1/2/2024 11:55	137	0
315345	1/2/2024 9:39	1/2/2024 19:00	561	0
10510361	1/2/2024 9:39	1/2/2024 19:01	562	0.1
317233	1/2/2024 9:39	1/2/2024 18:55	556	0.27
314899	1/2/2024 9:40	1/2/2024 19:02	562	0
317797	1/2/2024 9:40	1/2/2024 19:02	562	0
240045	1/2/2024 9:40	1/2/2024 19:01	561	0
385332	1/2/2024 9:41	1/2/2024 13:27	226	0
523489	1/2/2024 9:41	1/2/2024 19:30	589	0.22
318402	1/2/2024 9:41	1/2/2024 19:03	562	0
317084	1/2/2024 9:42	1/2/2024 19:09	567	0
315346	1/2/2024 9:42	1/2/2024 18:58	556	0
1599209	1/2/2024 9:43	1/2/2024 18:49	546	0
980398	1/2/2024 9:44	1/2/2024 18:51	547	0
979888	1/2/2024 9:45	1/2/2024 18:56	551	0
982261	1/2/2024 9:46	1/2/2024 19:02	556	0
1597556	1/2/2024 9:47	1/2/2024 18:53	546	0.47
1430838	1/2/2024 9:47	1/2/2024 19:03	556	0
51483	1/2/2024 9:47	1/2/2024 19:03	556	0.08
982457	1/2/2024 9:48	1/2/2024 18:46	538	0
8950281	1/2/2024 9:49	1/2/2024 19:08	559	0
498070	1/2/2024 9:50	1/2/2024 19:01	551	0
1430553	1/2/2024 9:51	1/2/2024 19:02	551	0.51
643812	1/2/2024 9:51	1/2/2024 14:30	279	0
1343091	1/2/2024 9:52	1/2/2024 18:54	542	0
1320008	1/2/2024 9:52	1/2/2024 18:54	542	0
500173	1/2/2024 9:52	1/2/2024 18:58	546	0.66
981933	1/2/2024 9:52	1/2/2024 18:56	544	0
558031	1/2/2024 9:53	1/2/2024 10:51	58	0

644030	1/2/2024 9:53	1/2/2024 14:26	273	0
574596	1/2/2024 9:53	1/2/2024 11:37	104	0
510974	1/2/2024 9:54	1/2/2024 11:39	105	0
643434	1/2/2024 9:54	1/2/2024 14:25	271	0
561757	1/2/2024 9:54	1/3/2024 9:00	1385.9	0
1320646	1/2/2024 9:54	1/2/2024 11:06	72	0
1320619	1/2/2024 9:56	1/3/2024 9:00	1383.02	0
307661	1/2/2024 9:58	1/2/2024 19:00	542	0
1493132	1/2/2024 10:00	1/2/2024 10:48	48	0
315730	1/2/2024 10:01	1/2/2024 19:02	541	0.34
49209	1/2/2024 10:01	1/2/2024 19:07	546	0
306565	1/2/2024 10:02	1/2/2024 18:57	535	0
314188	1/2/2024 10:02	1/2/2024 18:57	535	0
1375227	1/2/2024 10:02	1/2/2024 19:08	546	0
47769	1/2/2024 10:03	1/2/2024 18:58	535	0
315169	1/2/2024 10:04	1/2/2024 19:00	536	0
197629	1/2/2024 10:05	1/2/2024 19:09	544	0
455629	1/2/2024 10:05	1/2/2024 14:19	254	0
195839	1/2/2024 10:06	1/2/2024 19:23	557	0.07
196822	1/2/2024 10:06	1/2/2024 11:08	62	0
316997	1/2/2024 10:06	1/2/2024 19:07	541	0
456099	1/2/2024 10:07	1/2/2024 19:01	534	0
197883	1/2/2024 10:07	1/2/2024 19:03	536	0
198082	1/2/2024 10:07	1/2/2024 11:09	62	0
455994	1/2/2024 10:07	1/2/2024 11:36	89	0
645339	1/2/2024 10:08	1/2/2024 14:25	257	0
457978	1/2/2024 10:08	1/2/2024 14:23	255	0
196408	1/2/2024 10:08	1/2/2024 18:58	530	0
8524544	1/2/2024 10:08	1/2/2024 19:04	536	0
605186	1/2/2024 10:08	1/2/2024 11:53	105	0
315306	1/2/2024 10:08	1/2/2024 19:09	541	0.12
8148103	1/2/2024 10:08	1/2/2024 19:08	540	0
197690	1/2/2024 10:09	1/2/2024 21:23	674	0
313269	1/2/2024 10:09	1/2/2024 19:09	540	0
601397	1/2/2024 10:10	1/2/2024 19:11	541	0
454901	1/2/2024 10:12	1/2/2024 14:20	248	0.2
345647	1/2/2024 10:12	1/2/2024 19:12	540	0
353371	1/2/2024 10:12	1/2/2024 19:08	536	0
1417138	1/2/2024 10:12	1/2/2024 10:42	30	0
1342974	1/2/2024 10:12	1/2/2024 18:54	522	0
342796	1/2/2024 10:13	1/2/2024 18:58	525	0
457729	1/2/2024 10:13	1/2/2024 14:21	248	0
353082	1/2/2024 10:14	1/2/2024 19:04	530	0.05
6761269	1/2/2024 10:14	1/2/2024 18:59	525	0
1384509	1/2/2024 10:14	1/3/2024 9:00	1365.02	0
346967	1/2/2024 10:15	1/2/2024 19:05	530	0.08
346288	1/2/2024 10:15	1/2/2024 18:59	524	0

1430294	1/2/2024 10:17	1/2/2024 19:02	525	0.07
1433697	1/2/2024 10:17	1/2/2024 10:18	1	0
1433697	1/2/2024 10:18	1/2/2024 10:37	19	0
353728	1/2/2024 10:19	1/2/2024 19:09	530	0
353651	1/2/2024 10:19	1/2/2024 18:59	520	0
274059	1/2/2024 10:19	1/2/2024 11:42	83	0
324045	1/2/2024 10:21	1/2/2024 11:40	79	0.09
1664433	1/2/2024 10:21	1/2/2024 11:08	47	0
8972545	1/2/2024 10:21	1/2/2024 19:01	520	0
197561	1/2/2024 10:22	1/2/2024 19:02	520	0
274125	1/2/2024 10:22	1/2/2024 19:03	521	0
510307	1/2/2024 10:22	1/2/2024 11:41	79	0
8486022	1/2/2024 10:25	1/2/2024 19:05	520	0
507365	1/2/2024 10:25	1/2/2024 19:05	520	0
511266	1/2/2024 10:26	1/2/2024 11:39	73	0
1446401	1/2/2024 10:27	1/2/2024 18:57	510	0
281235	1/2/2024 10:28	1/2/2024 11:36	68	0
1683861	1/2/2024 10:28	1/2/2024 19:03	515	0.22
418876	1/2/2024 10:28	1/2/2024 12:13	105	0
417158	1/2/2024 10:30	1/2/2024 18:59	509	0
1430644	1/2/2024 10:30	1/2/2024 18:59	509	0.13
219948	1/2/2024 10:31	1/3/2024 9:00	1348.75	0
328570	1/2/2024 10:31	1/3/2024 9:00	1348.75	0
995564	1/2/2024 10:33	1/2/2024 18:50	497	0
1671958	1/2/2024 10:33	1/2/2024 18:57	504	0
997397	1/2/2024 10:33	1/2/2024 18:51	498	0
309265	1/2/2024 10:33	1/2/2024 18:57	504	0
10659831	1/2/2024 10:35	1/2/2024 19:07	512	0
308032	1/2/2024 10:35	1/2/2024 19:10	515	0.3
496500	1/2/2024 10:36	1/2/2024 18:56	500	0
1415828	1/2/2024 10:36	1/2/2024 10:52	16	0
308802	1/2/2024 10:36	1/2/2024 19:10	514	0
8387677	1/2/2024 10:37	1/2/2024 19:01	504	0
1433697	1/2/2024 10:37	1/2/2024 10:38	1	0
1433697	1/2/2024 10:38	1/2/2024 11:54	76	0
309944	1/2/2024 10:38	1/2/2024 19:08	510	0.5
1416360	1/2/2024 10:38	1/3/2024 9:00	1341.02	0
801004	1/2/2024 10:38	1/2/2024 18:57	499	0
496498	1/2/2024 10:39	1/2/2024 19:11	512	0
800590	1/2/2024 10:41	1/2/2024 18:54	493	0
160073	1/2/2024 10:41	1/2/2024 18:49	488	0
800588	1/2/2024 10:41	1/2/2024 18:49	488	0
800600	1/2/2024 10:41	1/2/2024 18:54	493	0
1417138	1/2/2024 10:42	1/2/2024 14:32	230	0
304295	1/2/2024 10:42	1/2/2024 19:06	504	0
1565203	1/2/2024 10:45	1/2/2024 18:59	494	0
593397	1/2/2024 10:46	1/2/2024 11:48	62	0

593366	1/2/2024 10:47	1/2/2024 11:44	57	0
7533405	1/2/2024 10:47	1/2/2024 19:36	529	0.01
274522	1/2/2024 10:48	1/2/2024 11:35	47	0
1493132	1/2/2024 10:48	1/2/2024 19:06	498	0.14
277301	1/2/2024 10:49	1/2/2024 11:36	47	0
449036	1/2/2024 10:49	1/2/2024 14:19	210	0.27
4173986	1/2/2024 10:49	1/2/2024 11:37	48	0
926657	1/2/2024 10:50	1/2/2024 18:52	482	0
1412757	1/2/2024 10:50	1/2/2024 18:58	488	0
1081237	1/2/2024 10:50	1/2/2024 10:51	1	0
558031	1/2/2024 10:51	1/2/2024 11:54	63	0
1465882	1/2/2024 10:51	1/2/2024 11:38	47	0.23
1081237	1/2/2024 10:51	1/2/2024 11:10	19	0
593798	1/2/2024 10:51	1/2/2024 18:55	484	0
1515733	1/2/2024 10:52	1/2/2024 19:00	488	0.1
276488	1/2/2024 10:52	1/2/2024 11:36	44	0
1332906	1/2/2024 10:52	1/2/2024 18:50	478	0.15
279833	1/2/2024 10:52	1/2/2024 11:33	41	0
275495	1/2/2024 10:52	1/2/2024 11:38	46	0
1415828	1/2/2024 10:52	1/2/2024 11:02	10	0
449377	1/2/2024 10:53	1/2/2024 11:30	37	0
277818	1/2/2024 10:53	1/2/2024 19:01	488	0
552210	1/2/2024 10:53	1/2/2024 19:01	488	0
1309133	1/2/2024 10:54	1/3/2024 9:00	1325.02	0
8668965	1/2/2024 10:54	1/2/2024 11:42	48	0
642003	1/2/2024 10:55	1/3/2024 9:00	1324.9	0
1310926	1/2/2024 10:56	1/2/2024 19:06	490	0
1309098	1/2/2024 10:56	1/2/2024 18:52	476	0.6
1685329	1/2/2024 10:56	1/2/2024 18:58	482	0
1093833	1/2/2024 10:57	1/2/2024 18:54	477	0
564518	1/2/2024 10:58	1/2/2024 19:00	482	0
350753	1/2/2024 10:58	1/2/2024 11:29	31	0
373273	1/2/2024 10:58	1/2/2024 15:15	257	0
375117	1/2/2024 10:58	1/2/2024 15:10	252	0
373050	1/2/2024 10:59	1/3/2024 9:00	1320.9	0
375655	1/2/2024 10:59	1/2/2024 15:12	253	0
373278	1/2/2024 11:00	1/3/2024 9:00	1319.9	0
1307027	1/2/2024 11:00	1/2/2024 18:58	478	0
8495802	1/2/2024 11:01	1/2/2024 11:28	27	0
430114	1/2/2024 11:01	1/2/2024 11:17	16	0
1415828	1/2/2024 11:02	1/2/2024 11:34	32	0
267537	1/2/2024 11:04	1/2/2024 19:07	483	0
193420	1/2/2024 11:04	1/3/2024 9:00	1315.75	0
196965	1/2/2024 11:06	1/2/2024 18:58	472	0
195216	1/2/2024 11:06	1/2/2024 15:33	267	0
1320646	1/2/2024 11:06	1/2/2024 19:00	474	0
197356	1/2/2024 11:06	1/2/2024 19:04	478	0

800576	1/2/2024 11:08	1/2/2024 18:49	461	0
1664433	1/2/2024 11:08	1/2/2024 19:01	473	0
511223	1/2/2024 11:08	1/2/2024 11:40	32	0
196822	1/2/2024 11:08	1/2/2024 19:00	472	0
8068454	1/2/2024 11:09	1/2/2024 19:12	483	0
198082	1/2/2024 11:09	1/2/2024 19:07	478	0
510522	1/2/2024 11:10	1/2/2024 11:41	31	0
1081237	1/2/2024 11:10	1/2/2024 11:11	1	0
8910809	1/2/2024 11:10	1/2/2024 11:57	47	0
7879030	1/2/2024 11:11	1/2/2024 11:58	47	0
553755	1/2/2024 11:11	1/2/2024 19:03	472	0
1081237	1/2/2024 11:11	1/2/2024 11:30	19	0
509102	1/2/2024 11:11	1/2/2024 19:03	472	0
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381982	1/2/2024 11:12	1/2/2024 12:00	48	0
1321750	1/2/2024 11:12	1/2/2024 18:54	462	0
1393633	1/2/2024 11:14	1/2/2024 19:02	468	0.53
29635	1/2/2024 11:14	1/3/2024 9:00	1305.75	0
6995795	1/2/2024 11:15	1/2/2024 19:02	467	0
416557	1/2/2024 11:16	1/2/2024 12:13	57	0
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430114	1/2/2024 11:17	1/2/2024 14:21	184	0
413869	1/2/2024 11:17	1/2/2024 11:36	19	0
70277	1/2/2024 11:18	1/2/2024 19:06	468	0
1459057	1/2/2024 11:18	1/2/2024 18:55	457	0
1394415	1/2/2024 11:20	1/2/2024 11:52	32	0
9313875	1/2/2024 11:20	1/2/2024 18:57	457	0
204700	1/2/2024 11:21	1/2/2024 12:09	48	0
324290	1/2/2024 11:21	1/2/2024 11:37	16	0
574993	1/2/2024 11:21	1/2/2024 11:26	5	0
1463218	1/2/2024 11:22	1/2/2024 18:53	451	0
852287	1/2/2024 11:22	1/2/2024 19:04	462	0
1464949	1/2/2024 11:22	1/2/2024 19:07	465	0
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1378128	1/2/2024 11:24	1/2/2024 14:32	188	0
1524033	1/2/2024 11:25	1/2/2024 11:40	15	0
378229	1/2/2024 11:26	1/2/2024 19:09	463	0
1311232	1/2/2024 11:26	1/3/2024 9:00	1293.02	0
1270983	1/2/2024 11:26	1/2/2024 18:52	446	0
125572	1/2/2024 11:26	1/2/2024 19:10	464	0.17
1270985	1/2/2024 11:26	1/2/2024 18:58	452	0
574993	1/2/2024 11:26	1/2/2024 11:37	11	0
25674	1/2/2024 11:27	1/2/2024 11:58	31	0
8495802	1/2/2024 11:28	1/2/2024 14:00	152	0
381338	1/2/2024 11:28	1/2/2024 19:05	457	0

350753	1/2/2024 11:29	1/2/2024 19:11	462	0.07
188639	1/2/2024 11:29	1/2/2024 19:06	457	0
26864	1/2/2024 11:29	1/2/2024 19:00	451	0
320966	1/2/2024 11:30	1/2/2024 12:18	48	0
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449377	1/2/2024 11:30	1/2/2024 16:50	320	0
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1378273	1/2/2024 11:32	1/2/2024 18:50	438	0
1275035	1/2/2024 11:32	1/2/2024 18:52	440	0
68620	1/2/2024 11:32	1/2/2024 19:09	457	0
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69207	1/2/2024 11:34	1/2/2024 19:11	457	0
1495134	1/2/2024 11:34	1/2/2024 19:00	446	0.15
275018	1/2/2024 11:35	1/2/2024 13:23	108	0
274522	1/2/2024 11:35	1/2/2024 13:21	106	0.38
413869	1/2/2024 11:36	1/2/2024 11:37	1	0
277301	1/2/2024 11:36	1/2/2024 13:26	110	0
455994	1/2/2024 11:36	1/2/2024 14:19	163	0
281235	1/2/2024 11:36	1/2/2024 13:21	105	0
276488	1/2/2024 11:36	1/2/2024 13:20	104	0.18
498819	1/2/2024 11:36	1/3/2024 9:00	1283.9	0
4173986	1/2/2024 11:37	1/2/2024 19:02	445	0
571799	1/2/2024 11:37	1/2/2024 13:11	94	0
574596	1/2/2024 11:37	1/2/2024 11:52	15	0
859747	1/2/2024 11:37	1/2/2024 11:53	16	0
70866	1/2/2024 11:37	1/3/2024 9:00	1282.75	0
574993	1/2/2024 11:37	1/2/2024 11:42	5	0
1521914	1/2/2024 11:37	1/2/2024 12:24	47	0
571847	1/2/2024 11:37	1/2/2024 13:07	90	0
323657	1/2/2024 11:37	1/2/2024 11:53	16	0
324290	1/2/2024 11:37	1/2/2024 11:53	16	0
413869	1/2/2024 11:37	1/2/2024 11:56	19	0
860281	1/2/2024 11:38	1/2/2024 18:54	436	0
275495	1/2/2024 11:38	1/2/2024 13:21	103	0
1093889	1/2/2024 11:38	1/2/2024 14:20	162	0.03
1452193	1/2/2024 11:38	1/2/2024 13:23	105	0
281332	1/2/2024 11:38	1/2/2024 13:24	106	0
1465882	1/2/2024 11:38	1/2/2024 12:09	31	0.17
323747	1/2/2024 11:38	1/2/2024 11:54	16	0.1
1521655	1/2/2024 11:38	1/2/2024 12:25	47	0
1465703	1/2/2024 11:38	1/2/2024 12:10	32	0
510974	1/2/2024 11:39	1/2/2024 14:38	179	0
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1450250	1/2/2024 11:39	1/2/2024 19:06	447	0
511266	1/2/2024 11:39	1/2/2024 19:05	446	0
324045	1/2/2024 11:40	1/2/2024 19:01	441	0.06

506261	1/2/2024 11:40	1/2/2024 14:38	178	0.09
509233	1/2/2024 11:40	1/2/2024 14:39	179	0
549617	1/2/2024 11:40	1/2/2024 12:12	32	0
549596	1/2/2024 11:40	1/2/2024 12:11	31	0
511223	1/2/2024 11:40	1/2/2024 19:41	481	0
1524033	1/2/2024 11:40	1/2/2024 12:22	42	0
1519179	1/2/2024 11:41	1/2/2024 12:25	44	0
13912	1/2/2024 11:41	1/3/2024 9:00	1278.75	0
23462	1/2/2024 11:41	1/2/2024 11:57	16	0
510522	1/2/2024 11:41	1/2/2024 14:40	179	0
1519715	1/2/2024 11:41	1/2/2024 20:20	519	0
510307	1/2/2024 11:41	1/2/2024 18:56	435	0
508593	1/2/2024 11:41	1/2/2024 15:07	206	0
574993	1/2/2024 11:42	1/2/2024 11:53	11	0
8668965	1/2/2024 11:42	1/2/2024 14:40	178	0
1451744	1/2/2024 11:42	1/2/2024 19:03	441	0.03
8206792	1/2/2024 11:42	1/2/2024 19:03	441	0
274059	1/2/2024 11:42	1/2/2024 14:09	147	0
593366	1/2/2024 11:44	1/2/2024 14:32	168	0
27852	1/2/2024 11:45	1/3/2024 9:00	1274.75	0
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1343695	1/2/2024 11:46	1/2/2024 12:48	62	0
587455	1/2/2024 11:47	1/2/2024 18:58	431	0
593397	1/2/2024 11:48	1/2/2024 18:59	431	0
9063373	1/2/2024 11:50	1/2/2024 12:22	32	0
624628	1/2/2024 11:50	1/2/2024 18:59	429	0
1081237	1/2/2024 11:50	1/2/2024 11:51	1	0
627018	1/2/2024 11:51	1/2/2024 18:56	425	0
1081237	1/2/2024 11:51	1/2/2024 12:10	19	0
1394415	1/2/2024 11:52	1/2/2024 12:22	30	0.04
574596	1/2/2024 11:52	1/2/2024 12:08	16	0
1394365	1/2/2024 11:52	1/2/2024 12:24	32	0
624953	1/2/2024 11:52	1/2/2024 18:54	422	0
626477	1/2/2024 11:52	1/3/2024 9:00	1267.9	0
859747	1/2/2024 11:53	1/2/2024 19:03	430	0
605186	1/2/2024 11:53	1/2/2024 14:35	162	0
324290	1/2/2024 11:53	1/2/2024 14:25	152	0
574993	1/2/2024 11:53	1/2/2024 11:58	5	0
323657	1/2/2024 11:53	1/2/2024 14:40	167	0
1433697	1/2/2024 11:54	1/2/2024 12:13	19	0
323747	1/2/2024 11:54	1/2/2024 19:04	430	0.11
624716	1/2/2024 11:54	1/3/2024 9:00	1265.9	0
558031	1/2/2024 11:54	1/2/2024 18:59	425	0
627289	1/2/2024 11:54	1/2/2024 19:05	431	0
971524	1/2/2024 11:54	1/2/2024 18:54	420	0
1432940	1/2/2024 11:55	1/2/2024 14:27	152	0
1433348	1/2/2024 11:55	1/2/2024 14:27	152	0

413869	1/2/2024 11:56	1/2/2024 11:57	1	0
8910809	1/2/2024 11:57	1/2/2024 19:03	426	0
23462	1/2/2024 11:57	1/2/2024 19:02	425	0
413869	1/2/2024 11:57	1/2/2024 12:16	19	0
29848	1/2/2024 11:58	1/2/2024 19:03	425	0.01
574993	1/2/2024 11:58	1/2/2024 12:08	10	0
25674	1/2/2024 11:58	1/2/2024 14:30	152	0
25066	1/2/2024 11:58	1/3/2024 9:00	1261.75	0
28509	1/2/2024 11:58	1/3/2024 9:00	1261.75	0
7879030	1/2/2024 11:58	1/2/2024 13:28	90	0
23566	1/2/2024 11:58	1/3/2024 9:00	1261.75	0
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34905	1/2/2024 11:59	1/3/2024 9:00	1260.75	0
30471	1/2/2024 11:59	1/3/2024 9:00	1260.75	0
380057	1/2/2024 11:59	1/2/2024 14:58	179	0
381982	1/2/2024 12:00	1/2/2024 19:04	424	0
926503	1/2/2024 12:04	1/3/2024 9:00	1255.32	0
926638	1/2/2024 12:05	1/3/2024 9:00	1254.32	0
926505	1/2/2024 12:05	1/3/2024 9:00	1254.32	0
68308	1/2/2024 12:05	1/2/2024 19:00	415	0
619266	1/2/2024 12:08	1/3/2024 9:00	1251.9	0
574993	1/2/2024 12:08	1/2/2024 12:13	5	0
574596	1/2/2024 12:08	1/2/2024 14:23	135	0
326028	1/2/2024 12:09	1/2/2024 17:29	320	0
204700	1/2/2024 12:09	1/3/2024 9:00	1250.75	0
204963	1/2/2024 12:09	1/2/2024 19:04	415	0
1465882	1/2/2024 12:09	1/2/2024 18:57	408	0
1081237	1/2/2024 12:10	1/2/2024 12:11	1	0
1465703	1/2/2024 12:10	1/2/2024 12:36	26	0
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1081237	1/2/2024 12:11	1/2/2024 19:10	419	0
549617	1/2/2024 12:12	1/3/2024 9:00	1247.9	0
418876	1/2/2024 12:13	1/2/2024 18:57	404	0
416557	1/2/2024 12:13	1/2/2024 14:30	137	0
574993	1/2/2024 12:13	1/2/2024 12:24	11	0
1433697	1/2/2024 12:13	1/2/2024 12:14	1	0
1433697	1/2/2024 12:14	1/2/2024 12:33	19	0
1670039	1/2/2024 12:15	1/2/2024 14:05	110	0
413869	1/2/2024 12:16	1/2/2024 12:17	1	0
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413869	1/2/2024 12:17	1/2/2024 12:56	39	0
320966	1/2/2024 12:18	1/2/2024 14:19	121	0
571420	1/2/2024 12:18	1/2/2024 18:57	399	0
1394415	1/2/2024 12:22	1/3/2024 9:00	1237.02	0.01
9063373	1/2/2024 12:22	1/3/2024 9:00	1237.02	0
675499	1/2/2024 12:22	1/2/2024 14:11	109	0
1524033	1/2/2024 12:22	1/2/2024 18:56	394	0

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1521914	1/2/2024 12:24	1/2/2024 19:03	399	0
574993	1/2/2024 12:24	1/2/2024 12:29	5	0
1519179	1/2/2024 12:25	1/3/2024 9:00	1234.18	0
1521655	1/2/2024 12:25	1/3/2024 9:00	1234.18	0
1520371	1/2/2024 12:26	1/2/2024 18:54	388	0
574993	1/2/2024 12:29	1/3/2024 9:00	1230.9	0
1554218	1/2/2024 12:32	1/2/2024 14:02	90	0
1433697	1/2/2024 12:33	1/2/2024 12:34	1	0
1433697	1/2/2024 12:34	1/2/2024 12:53	19	0
1557188	1/2/2024 12:34	1/2/2024 14:04	90	0
1557303	1/2/2024 12:35	1/2/2024 14:04	89	0
1465703	1/2/2024 12:36	1/2/2024 19:10	394	0
1343695	1/2/2024 12:48	1/3/2024 9:00	1211.02	0
1433697	1/2/2024 12:53	1/2/2024 12:54	1	0
1433697	1/2/2024 12:54	1/2/2024 13:13	19	0
656498	1/2/2024 12:56	1/3/2024 9:00	1203.32	0
413869	1/2/2024 12:56	1/2/2024 12:57	1	0
660265	1/2/2024 12:56	1/2/2024 18:58	362	0
658642	1/2/2024 12:57	1/2/2024 18:54	357	0
413869	1/2/2024 12:57	1/2/2024 13:16	19	0
660268	1/2/2024 13:04	1/2/2024 18:49	345	0
660839	1/2/2024 13:05	1/2/2024 19:02	357	0
903630	1/2/2024 13:06	1/3/2024 9:00	1193.32	0
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174902	1/2/2024 13:14	1/3/2024 9:00	1185.75	0
328113	1/2/2024 13:16	1/3/2024 9:00	1183.75	0
413869	1/2/2024 13:16	1/2/2024 13:17	1	0
413869	1/2/2024 13:17	1/2/2024 13:36	19	0
276488	1/2/2024 13:20	1/3/2024 9:00	1179.75	0
281235	1/2/2024 13:21	1/2/2024 14:03	42	0
275495	1/2/2024 13:21	1/3/2024 9:00	1178.75	0
274522	1/2/2024 13:21	1/3/2024 9:00	1178.75	0
275018	1/2/2024 13:23	1/2/2024 14:07	44	0
279833	1/2/2024 13:23	1/3/2024 9:00	1176.75	0
1452193	1/2/2024 13:23	1/2/2024 14:25	62	0
281332	1/2/2024 13:24	1/2/2024 14:25	61	0
174815	1/2/2024 13:25	1/2/2024 19:04	339	0
277301	1/2/2024 13:26	1/3/2024 9:00	1173.75	0
385332	1/2/2024 13:27	1/2/2024 15:11	104	0
7879030	1/2/2024 13:28	1/2/2024 14:41	73	0
1433697	1/2/2024 13:33	1/2/2024 13:34	1	0
1433697	1/2/2024 13:34	1/2/2024 13:53	19	0

413869	1/2/2024 13:36	1/2/2024 13:37	1	0
413869	1/2/2024 13:37	1/2/2024 13:56	19	0
1433697	1/2/2024 13:53	1/2/2024 13:54	1	0
1433697	1/2/2024 13:54	1/2/2024 14:13	19	0
413869	1/2/2024 13:56	1/2/2024 13:57	1	0
413869	1/2/2024 13:57	1/2/2024 14:16	19	0
8495802	1/2/2024 14:00	1/2/2024 14:16	16	0
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1556486	1/2/2024 14:04	1/2/2024 14:52	48	0
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1557188	1/2/2024 14:04	1/2/2024 14:35	31	0
1670039	1/2/2024 14:05	1/2/2024 14:20	15	0
570022	1/2/2024 14:06	1/2/2024 19:05	299	0
445867	1/2/2024 14:07	1/3/2024 9:00	1132.9	0
275018	1/2/2024 14:07	1/2/2024 14:23	16	0
563241	1/2/2024 14:08	1/2/2024 15:12	64	0
274059	1/2/2024 14:09	1/2/2024 19:03	294	0
562856	1/2/2024 14:09	1/2/2024 15:12	63	0
561758	1/2/2024 14:10	1/2/2024 15:13	63	0
675499	1/2/2024 14:11	1/2/2024 18:44	273	0
189581	1/2/2024 14:12	1/3/2024 9:00	1127.75	0
1433697	1/2/2024 14:13	1/2/2024 14:14	1	0
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1433697	1/2/2024 14:14	1/2/2024 14:25	11	0
350406	1/2/2024 14:15	1/2/2024 15:18	63	0
1251782	1/2/2024 14:15	1/2/2024 14:31	16	0
8495802	1/2/2024 14:16	1/2/2024 14:31	15	0
413869	1/2/2024 14:16	1/2/2024 14:17	1	0
350517	1/2/2024 14:16	1/2/2024 15:19	63	0
413869	1/2/2024 14:17	1/2/2024 14:36	19	0
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281235	1/2/2024 14:19	1/2/2024 15:06	47	0
350346	1/2/2024 14:19	1/2/2024 18:52	273	0
455994	1/2/2024 14:19	1/2/2024 14:35	16	0
455629	1/2/2024 14:19	1/2/2024 15:06	47	0
454861	1/2/2024 14:19	1/2/2024 15:06	47	0
320966	1/2/2024 14:19	1/2/2024 18:57	278	0
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1093889	1/2/2024 14:20	1/2/2024 14:36	16	0

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450309	1/2/2024 14:20	1/3/2024 9:00	1119.9	0
454901	1/2/2024 14:20	1/2/2024 15:06	46	0
455345	1/2/2024 14:20	1/2/2024 15:07	47	0
457729	1/2/2024 14:21	1/2/2024 15:07	46	0
430114	1/2/2024 14:21	1/2/2024 19:04	283	0
1538102	1/2/2024 14:22	1/2/2024 14:38	16	0
1538299	1/2/2024 14:22	1/3/2024 9:00	1117.18	0
1538194	1/2/2024 14:22	1/2/2024 14:38	16	0
574596	1/2/2024 14:23	1/2/2024 14:38	15	0
275018	1/2/2024 14:23	1/2/2024 19:03	280	0
457978	1/2/2024 14:23	1/2/2024 19:11	288	0
643434	1/2/2024 14:25	1/2/2024 18:57	272	0
10371746	1/2/2024 14:25	1/2/2024 18:56	271	0
1452193	1/2/2024 14:25	1/2/2024 18:53	268	0
645339	1/2/2024 14:25	1/2/2024 19:03	278	0
324290	1/2/2024 14:25	1/2/2024 18:52	267	0
281332	1/2/2024 14:25	1/2/2024 19:06	281	0
1433697	1/2/2024 14:25	1/2/2024 14:26	1	0
646026	1/2/2024 14:25	1/2/2024 15:12	47	0
1433697	1/2/2024 14:26	1/2/2024 14:45	19	0
644030	1/2/2024 14:26	1/2/2024 18:58	272	0
1433348	1/2/2024 14:27	1/2/2024 19:05	278	0
1432940	1/2/2024 14:27	1/2/2024 15:25	58	0
1375642	1/2/2024 14:28	1/2/2024 14:44	16	0
549259	1/2/2024 14:28	1/2/2024 18:56	268	0
1421188	1/2/2024 14:30	1/2/2024 14:40	10	0
643812	1/2/2024 14:30	1/2/2024 19:03	273	0
25674	1/2/2024 14:30	1/2/2024 19:03	273	0
416557	1/2/2024 14:30	1/2/2024 14:46	16	0
817260	1/2/2024 14:31	1/2/2024 14:46	15	0
816722	1/2/2024 14:31	1/2/2024 14:47	16	0
8495802	1/2/2024 14:31	1/2/2024 14:47	16	0
817825	1/2/2024 14:31	1/2/2024 14:46	15	0
1251782	1/2/2024 14:31	1/2/2024 14:46	15	0
1417138	1/2/2024 14:32	1/2/2024 19:02	270	0
1378128	1/2/2024 14:32	1/2/2024 14:46	14	0
593366	1/2/2024 14:32	1/2/2024 14:48	16	0
7937779	1/2/2024 14:32	1/2/2024 19:00	268	0
456084	1/2/2024 14:33	1/2/2024 19:00	267	0
1554218	1/2/2024 14:33	1/2/2024 14:49	16	0
1537548	1/2/2024 14:34	1/2/2024 14:50	16	0
1556246	1/2/2024 14:34	1/2/2024 14:49	15	0
1431804	1/2/2024 14:34	1/2/2024 18:57	263	0
456048	1/2/2024 14:35	1/2/2024 19:03	268	0
446329	1/2/2024 14:35	1/2/2024 14:51	16	0
1538195	1/2/2024 14:35	1/2/2024 18:58	263	0

561672	1/2/2024 14:35	1/2/2024 19:08	273	0
605186	1/2/2024 14:35	1/2/2024 19:08	273	0
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569420	1/2/2024 14:35	1/2/2024 14:51	16	0
455994	1/2/2024 14:35	1/2/2024 15:06	31	0
1556243	1/2/2024 14:35	1/2/2024 14:50	15	0
1670039	1/2/2024 14:36	1/2/2024 19:09	273	0
1537547	1/2/2024 14:36	1/2/2024 14:52	16	0
1537353	1/2/2024 14:36	1/2/2024 14:52	16	0
413869	1/2/2024 14:36	1/2/2024 14:37	1	0
1557303	1/2/2024 14:36	1/2/2024 18:58	262	0
1093889	1/2/2024 14:36	1/2/2024 18:53	257	0.02
569554	1/2/2024 14:37	1/2/2024 19:09	272	0
1557676	1/2/2024 14:37	1/2/2024 14:52	15	0
1537989	1/2/2024 14:37	1/2/2024 14:53	16	0
413869	1/2/2024 14:37	1/2/2024 19:10	273	0
634044	1/2/2024 14:37	1/2/2024 18:59	262	0
1537541	1/2/2024 14:37	1/2/2024 14:48	11	0
1538194	1/2/2024 14:38	1/2/2024 19:06	268	0
1537992	1/2/2024 14:38	1/2/2024 14:54	16	0
1453263	1/2/2024 14:38	1/2/2024 19:00	262	0
574596	1/2/2024 14:38	1/2/2024 19:02	264	0
510974	1/2/2024 14:38	1/2/2024 18:55	257	0
1538102	1/2/2024 14:38	1/2/2024 19:00	262	0
506261	1/2/2024 14:38	1/2/2024 19:01	263	0
1537447	1/2/2024 14:39	1/2/2024 14:49	10	0
509233	1/2/2024 14:39	1/2/2024 19:07	268	0
634779	1/2/2024 14:39	1/2/2024 19:06	267	0
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1456419	1/2/2024 14:40	1/2/2024 15:27	47	0
645144	1/2/2024 14:40	1/2/2024 19:02	262	0
8668965	1/2/2024 14:40	1/2/2024 18:52	252	0
323657	1/2/2024 14:40	1/2/2024 18:58	258	0
1421188	1/2/2024 14:40	1/2/2024 19:04	264	0
7879030	1/2/2024 14:41	1/2/2024 15:01	20	0
21306	1/2/2024 14:41	1/2/2024 19:05	264	0
1405290	1/2/2024 14:42	1/3/2024 9:00	1097.02	0
317126	1/2/2024 14:43	1/2/2024 19:04	261	0
21820	1/2/2024 14:44	1/2/2024 19:03	259	0
1375642	1/2/2024 14:44	1/2/2024 19:06	262	0
1433697	1/2/2024 14:45	1/2/2024 14:46	1	0
1433697	1/2/2024 14:46	1/2/2024 15:05	19	0
817260	1/2/2024 14:46	1/2/2024 19:03	257	0
1378128	1/2/2024 14:46	1/2/2024 19:20	274	0
817825	1/2/2024 14:46	1/2/2024 18:58	252	0
1251782	1/2/2024 14:46	1/2/2024 19:09	263	0

416557	1/2/2024 14:46	1/2/2024 18:52	246	0
8495802	1/2/2024 14:47	1/2/2024 18:59	252	0
816722	1/2/2024 14:47	1/2/2024 20:40	353	0
1537541	1/2/2024 14:48	1/2/2024 19:05	257	0
593366	1/2/2024 14:48	1/2/2024 18:58	250	0
1537447	1/2/2024 14:49	1/2/2024 19:01	252	0
1556246	1/2/2024 14:49	1/2/2024 19:01	252	0
1554218	1/2/2024 14:49	1/2/2024 19:01	252	0
1537548	1/2/2024 14:50	1/2/2024 18:57	247	0
1556243	1/2/2024 14:50	1/2/2024 19:02	252	0
446329	1/2/2024 14:51	1/2/2024 19:08	257	0
1557188	1/2/2024 14:51	1/2/2024 18:52	241	0
569420	1/2/2024 14:51	1/2/2024 18:52	241	0
449036	1/2/2024 14:51	1/2/2024 18:57	246	0
1556486	1/2/2024 14:52	1/2/2024 18:54	242	0
1537353	1/2/2024 14:52	1/2/2024 18:59	247	0
1557676	1/2/2024 14:52	1/2/2024 18:59	247	0
1556565	1/2/2024 14:52	1/2/2024 18:58	246	0
1537547	1/2/2024 14:52	1/2/2024 19:03	251	0
1556352	1/2/2024 14:52	1/2/2024 18:53	241	0
1537989	1/2/2024 14:53	1/2/2024 19:05	252	0
1537992	1/2/2024 14:54	1/2/2024 19:00	246	0
380057	1/2/2024 14:58	1/2/2024 19:04	246	0
7879030	1/2/2024 15:01	1/2/2024 18:58	237	0
446126	1/2/2024 15:04	1/3/2024 9:00	1075.9	0
1433697	1/2/2024 15:05	1/2/2024 15:06	1	0
454901	1/2/2024 15:06	1/2/2024 16:04	58	0
455994	1/2/2024 15:06	1/2/2024 15:22	16	0
1433697	1/2/2024 15:06	1/2/2024 15:23	17	0
455629	1/2/2024 15:06	1/2/2024 16:06	60	0
281235	1/2/2024 15:06	1/2/2024 19:04	238	0
451783	1/2/2024 15:06	1/3/2024 9:00	1073.9	0
454861	1/2/2024 15:06	1/2/2024 16:04	58	0
455345	1/2/2024 15:07	1/2/2024 19:06	239	0
508593	1/2/2024 15:07	1/2/2024 19:03	236	0
457729	1/2/2024 15:07	1/2/2024 16:10	63	0
375117	1/2/2024 15:10	1/2/2024 19:01	231	0
385332	1/2/2024 15:11	1/2/2024 18:47	216	0
563241	1/2/2024 15:12	1/2/2024 18:52	220	0
561349	1/2/2024 15:12	1/2/2024 19:03	231	0
562856	1/2/2024 15:12	1/2/2024 19:08	236	0
375655	1/2/2024 15:12	1/2/2024 19:02	230	0
1417279	1/2/2024 15:12	1/2/2024 18:56	224	0
646026	1/2/2024 15:12	1/2/2024 18:58	226	0
561758	1/2/2024 15:13	1/2/2024 18:53	220	0
373273	1/2/2024 15:15	1/2/2024 19:01	226	0
350406	1/2/2024 15:18	1/2/2024 19:03	225	0

350517	1/2/2024 15:19	1/2/2024 18:59	220	0
8605921	1/2/2024 15:20	1/2/2024 19:11	231	0
455994	1/2/2024 15:22	1/2/2024 19:08	226	0
1074779	1/2/2024 15:23	1/2/2024 19:08	225	0
1433697	1/2/2024 15:23	1/2/2024 18:49	206	0
560588	1/2/2024 15:25	1/2/2024 19:00	215	0
1432940	1/2/2024 15:25	1/2/2024 19:00	215	0
562346	1/2/2024 15:27	1/2/2024 19:07	220	0
1456419	1/2/2024 15:27	1/2/2024 18:59	212	0
1406664	1/2/2024 15:30	1/2/2024 19:00	210	0
195216	1/2/2024 15:33	1/3/2024 9:00	1046.75	0
10433250	1/2/2024 16:02	1/2/2024 18:56	174	0
454861	1/2/2024 16:04	1/2/2024 19:02	178	0
454901	1/2/2024 16:04	1/2/2024 19:07	183	0
455629	1/2/2024 16:06	1/2/2024 19:02	176	0
1349244	1/2/2024 16:10	1/2/2024 18:54	164	0
1346665	1/2/2024 16:10	1/2/2024 19:02	172	0
1349338	1/2/2024 16:10	1/2/2024 18:58	168	0
1348780	1/2/2024 16:10	1/2/2024 19:08	178	0
457729	1/2/2024 16:10	1/2/2024 19:09	179	0
1348300	1/2/2024 16:10	1/2/2024 18:58	168	0
1348773	1/2/2024 16:12	1/2/2024 18:56	164	0
1350597	1/2/2024 16:12	1/2/2024 18:56	164	0
1350499	1/2/2024 16:12	1/2/2024 18:54	162	0
1349605	1/2/2024 16:12	1/2/2024 18:58	166	0
1346410	1/2/2024 16:12	1/2/2024 19:00	168	0
1351539	1/2/2024 16:12	1/2/2024 19:04	172	0
1350104	1/2/2024 16:12	1/2/2024 18:54	162	0
1350598	1/2/2024 16:14	1/2/2024 19:02	168	0
1350975	1/2/2024 16:14	1/2/2024 18:56	162	0
1346455	1/2/2024 16:14	1/2/2024 19:02	168	0
1702895	1/2/2024 16:14	1/2/2024 19:08	174	0
1348444	1/2/2024 16:14	1/2/2024 19:02	168	0
1349502	1/2/2024 16:14	1/2/2024 19:02	168	0
1349542	1/2/2024 16:14	1/2/2024 18:56	162	0
1346671	1/2/2024 16:16	1/2/2024 19:08	172	0
8734349	1/2/2024 16:16	1/2/2024 19:04	168	0
7518767	1/2/2024 16:46	1/2/2024 19:07	141	0
449377	1/2/2024 16:50	1/2/2024 17:06	16	0
347230	1/2/2024 17:00	1/2/2024 18:54	114	0
1680798	1/2/2024 17:02	1/2/2024 19:10	128	0
449377	1/2/2024 17:06	1/2/2024 17:48	42	0
326028	1/2/2024 17:29	1/3/2024 5:34	725	0
449377	1/2/2024 17:48	1/2/2024 19:07	79	0
675499	1/2/2024 18:44	1/3/2024 9:00	855.32	0
982457	1/2/2024 18:46	1/3/2024 9:00	853.18	0
385332	1/2/2024 18:47	1/3/2024 9:00	852.9	0

1321605	1/2/2024 18:48	1/3/2024 9:00	851.02	0
800576	1/2/2024 18:49	1/3/2024 9:00	850.32	0
1599209	1/2/2024 18:49	1/3/2024 9:00	850.18	0
660268	1/2/2024 18:49	1/3/2024 9:00	850.32	0
1433697	1/2/2024 18:49	1/2/2024 19:08	19	0
160073	1/2/2024 18:49	1/3/2024 9:00	850.18	0
800588	1/2/2024 18:49	1/3/2024 9:00	850.32	0
325050	1/2/2024 18:50	1/3/2024 9:00	849.75	0
1332906	1/2/2024 18:50	1/3/2024 9:00	849.02	0
995564	1/2/2024 18:50	1/3/2024 9:00	849.18	0
1378273	1/2/2024 18:50	1/3/2024 9:00	849.02	0
980398	1/2/2024 18:51	1/3/2024 9:00	848.18	0
1466638	1/2/2024 18:51	1/3/2024 8:35	824	0
997397	1/2/2024 18:51	1/3/2024 9:00	848.18	0
350346	1/2/2024 18:52	1/3/2024 9:00	847.75	0
1333801	1/2/2024 18:52	1/3/2024 9:00	847.02	0
1309098	1/2/2024 18:52	1/3/2024 9:00	847.02	0
926657	1/2/2024 18:52	1/3/2024 9:00	847.32	0
569420	1/2/2024 18:52	1/3/2024 9:00	847.9	0
1275035	1/2/2024 18:52	1/3/2024 9:00	847.02	0
8668965	1/2/2024 18:52	1/3/2024 9:00	847.9	0
1265778	1/2/2024 18:52	1/3/2024 9:00	847.02	0
416557	1/2/2024 18:52	1/3/2024 9:00	847.9	0
563241	1/2/2024 18:52	1/3/2024 9:00	847.9	0
1270983	1/2/2024 18:52	1/3/2024 9:00	847.02	0
1557188	1/2/2024 18:52	1/3/2024 9:00	847.18	0
324290	1/2/2024 18:52	1/3/2024 8:21	809	0
1463218	1/2/2024 18:53	1/3/2024 9:00	846.18	0
1556352	1/2/2024 18:53	1/3/2024 9:00	846.18	0
1093889	1/2/2024 18:53	1/3/2024 8:33	820	0
1452193	1/2/2024 18:53	1/3/2024 9:00	846.18	0
561758	1/2/2024 18:53	1/3/2024 9:00	846.9	0
1597556	1/2/2024 18:53	1/3/2024 9:00	846.18	0
1320008	1/2/2024 18:54	1/3/2024 8:48	834	0
860281	1/2/2024 18:54	1/3/2024 9:00	845.32	0
800590	1/2/2024 18:54	1/3/2024 9:00	845.32	0
800600	1/2/2024 18:54	1/3/2024 9:00	845.32	0
624953	1/2/2024 18:54	1/3/2024 9:00	845.9	0
1093833	1/2/2024 18:54	1/3/2024 9:00	845.9	0
262048	1/2/2024 18:54	1/3/2024 9:00	845.75	0
1556486	1/2/2024 18:54	1/3/2024 9:00	845.18	0
971524	1/2/2024 18:54	1/3/2024 9:00	845.9	0
1350104	1/2/2024 18:54	1/3/2024 9:00	845.02	0
1321750	1/2/2024 18:54	1/3/2024 9:00	845.02	0
658642	1/2/2024 18:54	1/3/2024 9:00	845.32	0
1520371	1/2/2024 18:54	1/3/2024 9:00	845.18	0
1342974	1/2/2024 18:54	1/3/2024 9:00	845.02	0

1350499	1/2/2024 18:54	1/3/2024 9:00	845.02	0
1368745	1/2/2024 18:54	1/3/2024 9:00	845.02	0
1343091	1/2/2024 18:54	1/3/2024 9:00	845.02	0
347230	1/2/2024 18:54	1/3/2024 9:00	845.75	0
1349244	1/2/2024 18:54	1/3/2024 9:00	845.02	0
593798	1/2/2024 18:55	1/3/2024 9:00	844.9	0
317233	1/2/2024 18:55	1/3/2024 9:00	844.75	0
1459057	1/2/2024 18:55	1/3/2024 9:00	844.18	0
1609415	1/2/2024 18:55	1/3/2024 9:00	844.18	0
510974	1/2/2024 18:55	1/3/2024 9:00	844.9	0
1417279	1/2/2024 18:56	1/3/2024 9:00	843.02	0
1349542	1/2/2024 18:56	1/3/2024 9:00	843.02	0
551972	1/2/2024 18:56	1/3/2024 9:00	843.9	0
549259	1/2/2024 18:56	1/3/2024 9:00	843.9	0
627018	1/2/2024 18:56	1/3/2024 9:00	843.9	0
1524033	1/2/2024 18:56	1/3/2024 9:00	843.18	0
979888	1/2/2024 18:56	1/3/2024 9:00	843.18	0
1350597	1/2/2024 18:56	1/3/2024 9:00	843.02	0
1350975	1/2/2024 18:56	1/3/2024 9:00	843.02	0
1444809	1/2/2024 18:56	1/3/2024 8:09	793	0
510307	1/2/2024 18:56	1/3/2024 9:00	843.9	0
981933	1/2/2024 18:56	1/3/2024 9:00	843.18	0
10433250	1/2/2024 18:56	1/3/2024 9:00	843.02	0
10371746	1/2/2024 18:56	1/3/2024 9:00	843.9	0
1348773	1/2/2024 18:56	1/3/2024 9:00	843.02	0
496500	1/2/2024 18:56	1/3/2024 9:00	843.9	0
1465882	1/2/2024 18:57	1/3/2024 9:00	842.18	0
320966	1/2/2024 18:57	1/3/2024 9:00	842.75	0
306565	1/2/2024 18:57	1/3/2024 8:11	794	0
1537548	1/2/2024 18:57	1/3/2024 9:00	842.18	0
9313875	1/2/2024 18:57	1/3/2024 9:00	842.18	0
1446401	1/2/2024 18:57	1/3/2024 9:00	842.18	0
571420	1/2/2024 18:57	1/3/2024 9:00	842.9	0
801004	1/2/2024 18:57	1/3/2024 9:00	842.32	0
418876	1/2/2024 18:57	1/3/2024 9:00	842.9	0
1609484	1/2/2024 18:57	1/3/2024 9:00	842.18	0
449036	1/2/2024 18:57	1/3/2024 9:00	842.9	0
309265	1/2/2024 18:57	1/3/2024 9:00	842.75	0
1431804	1/2/2024 18:57	1/3/2024 9:00	842.18	0
1671958	1/2/2024 18:57	1/3/2024 9:00	842.9	0
643434	1/2/2024 18:57	1/3/2024 9:00	842.9	0
314188	1/2/2024 18:57	1/3/2024 8:15	798	0
1349605	1/2/2024 18:58	1/3/2024 9:00	841.02	0
1270985	1/2/2024 18:58	1/3/2024 9:00	841.02	0
1348300	1/2/2024 18:58	1/3/2024 9:00	841.02	0
1685329	1/2/2024 18:58	1/3/2024 9:00	841.02	0
1393699	1/2/2024 18:58	1/3/2024 9:00	841.02	0

1445317	1/2/2024 18:58	1/3/2024 8:09	791	0
196408	1/2/2024 18:58	1/3/2024 9:00	841.75	0
1307027	1/2/2024 18:58	1/3/2024 9:00	841.02	0
646026	1/2/2024 18:58	1/3/2024 9:00	841.9	0
1557303	1/2/2024 18:58	1/3/2024 9:00	841.18	0
587455	1/2/2024 18:58	1/3/2024 9:00	841.9	0
1349338	1/2/2024 18:58	1/3/2024 9:00	841.02	0
500173	1/2/2024 18:58	1/3/2024 9:00	841.9	0
323657	1/2/2024 18:58	1/3/2024 9:00	841.75	0
7879030	1/2/2024 18:58	1/3/2024 9:00	841.9	0
593366	1/2/2024 18:58	1/3/2024 9:00	841.9	0
1538195	1/2/2024 18:58	1/3/2024 9:00	841.18	0
47769	1/2/2024 18:58	1/3/2024 9:00	841.75	0
342796	1/2/2024 18:58	1/3/2024 9:00	841.75	0
315346	1/2/2024 18:58	1/3/2024 9:00	841.75	0
660265	1/2/2024 18:58	1/3/2024 9:00	841.32	0
817825	1/2/2024 18:58	1/3/2024 9:00	841.32	0
1556565	1/2/2024 18:58	1/3/2024 9:00	841.18	0
644030	1/2/2024 18:58	1/3/2024 9:00	841.9	0
1412757	1/2/2024 18:58	1/3/2024 9:00	841.02	0
196965	1/2/2024 18:58	1/3/2024 9:00	841.75	0
417158	1/2/2024 18:59	1/3/2024 9:00	840.9	0
1430644	1/2/2024 18:59	1/3/2024 9:00	840.18	0
1456419	1/2/2024 18:59	1/3/2024 9:00	840.18	0
350517	1/2/2024 18:59	1/3/2024 9:00	840.75	0
353651	1/2/2024 18:59	1/3/2024 9:00	840.75	0
634044	1/2/2024 18:59	1/3/2024 9:00	840.9	0
10628562	1/2/2024 18:59	1/3/2024 9:00	840.18	0
346288	1/2/2024 18:59	1/3/2024 9:00	840.75	0
539938	1/2/2024 18:59	1/3/2024 9:00	840.9	0
8104722	1/2/2024 18:59	1/3/2024 9:00	840.75	0
6761269	1/2/2024 18:59	1/3/2024 9:00	840.75	0
624628	1/2/2024 18:59	1/3/2024 9:00	840.9	0
1565203	1/2/2024 18:59	1/3/2024 9:00	840.18	0
8495802	1/2/2024 18:59	1/3/2024 9:00	840.18	0
1595324	1/2/2024 18:59	1/3/2024 9:00	840.18	0
8511623	1/2/2024 18:59	1/3/2024 8:38	819	0
1557676	1/2/2024 18:59	1/3/2024 9:00	840.18	0
558031	1/2/2024 18:59	1/3/2024 9:00	840.9	0
593397	1/2/2024 18:59	1/3/2024 9:00	840.9	0
1537353	1/2/2024 18:59	1/3/2024 9:00	840.18	0
1415828	1/2/2024 19:00	1/3/2024 9:00	839.02	0
315345	1/2/2024 19:00	1/3/2024 9:00	839.75	0
7937779	1/2/2024 19:00	1/3/2024 9:00	839.02	0
1537992	1/2/2024 19:00	1/3/2024 9:00	839.18	0
307661	1/2/2024 19:00	1/3/2024 8:08	788	0
196822	1/2/2024 19:00	1/3/2024 9:00	839.75	0

315169	1/2/2024 19:00	1/3/2024 8:18	798	0
1538102	1/2/2024 19:00	1/3/2024 9:00	839.18	0
456084	1/2/2024 19:00	1/3/2024 9:00	839.9	0
26864	1/2/2024 19:00	1/3/2024 9:00	839.75	0
195666	1/2/2024 19:00	1/3/2024 9:00	839.75	0
564518	1/2/2024 19:00	1/3/2024 9:00	839.9	0
1432940	1/2/2024 19:00	1/3/2024 8:08	788	0
1453263	1/2/2024 19:00	1/3/2024 9:00	839.18	0
1320646	1/2/2024 19:00	1/3/2024 9:00	839.02	0
1406664	1/2/2024 19:00	1/3/2024 9:00	839.02	0
1495134	1/2/2024 19:00	1/3/2024 9:00	839.02	0
1346410	1/2/2024 19:00	1/3/2024 9:00	839.02	0
1515733	1/2/2024 19:00	1/3/2024 9:00	839.18	0
68308	1/2/2024 19:00	1/3/2024 9:00	839.75	0
560588	1/2/2024 19:00	1/3/2024 9:00	839.9	0
324045	1/2/2024 19:01	1/3/2024 9:00	838.75	0
8387677	1/2/2024 19:01	1/3/2024 9:00	838.75	0
277818	1/2/2024 19:01	1/3/2024 9:00	838.75	0
498070	1/2/2024 19:01	1/3/2024 9:00	838.9	0
373273	1/2/2024 19:01	1/3/2024 9:00	838.9	0
469018	1/2/2024 19:01	1/3/2024 9:00	838.9	0
1554218	1/2/2024 19:01	1/3/2024 9:00	838.18	0
1664433	1/2/2024 19:01	1/3/2024 9:00	838.32	0
1515964	1/2/2024 19:01	1/3/2024 9:00	838.18	0
506261	1/2/2024 19:01	1/3/2024 9:00	838.9	0
8972545	1/2/2024 19:01	1/3/2024 9:00	838.9	0
552210	1/2/2024 19:01	1/3/2024 9:00	838.9	0
1556246	1/2/2024 19:01	1/3/2024 9:00	838.18	0
10510361	1/2/2024 19:01	1/3/2024 9:00	838.75	0
456099	1/2/2024 19:01	1/3/2024 9:00	838.9	0
1537447	1/2/2024 19:01	1/3/2024 9:00	838.18	0
375117	1/2/2024 19:01	1/3/2024 9:00	838.9	0
240045	1/2/2024 19:01	1/3/2024 9:00	838.75	0
1430553	1/2/2024 19:02	1/3/2024 9:00	837.18	0
574596	1/2/2024 19:02	1/3/2024 9:00	837.9	0
455629	1/2/2024 19:02	1/3/2024 9:00	837.9	0
197561	1/2/2024 19:02	1/3/2024 9:00	837.75	0
1556243	1/2/2024 19:02	1/3/2024 9:00	837.18	0
7902724	1/2/2024 19:02	1/3/2024 9:00	837.75	0
317797	1/2/2024 19:02	1/3/2024 9:00	837.75	0
349467	1/2/2024 19:02	1/3/2024 9:00	837.75	0
1350598	1/2/2024 19:02	1/3/2024 8:20	798	0
315730	1/2/2024 19:02	1/3/2024 8:15	793	0
1430294	1/2/2024 19:02	1/3/2024 9:00	837.18	0
454861	1/2/2024 19:02	1/3/2024 9:00	837.9	0
1348444	1/2/2024 19:02	1/3/2024 9:00	837.02	0
6995795	1/2/2024 19:02	1/3/2024 9:00	837.9	0

1609551	1/2/2024 19:02	1/3/2024 9:00	837.18	0
1346455	1/2/2024 19:02	1/3/2024 9:00	837.02	0
314899	1/2/2024 19:02	1/3/2024 9:00	837.75	0
375655	1/2/2024 19:02	1/3/2024 9:00	837.9	0
1417138	1/2/2024 19:02	1/3/2024 9:00	837.02	0
1349502	1/2/2024 19:02	1/3/2024 8:20	798	0
982261	1/2/2024 19:02	1/3/2024 9:00	837.18	0
1346665	1/2/2024 19:02	1/3/2024 9:00	837.02	0
660839	1/2/2024 19:02	1/3/2024 9:00	837.32	0
23462	1/2/2024 19:02	1/3/2024 9:00	837.75	0
324249	1/2/2024 19:02	1/3/2024 9:00	837.75	0
645144	1/2/2024 19:02	1/3/2024 9:00	837.9	0
1393633	1/2/2024 19:02	1/3/2024 9:00	837.02	0
4173986	1/2/2024 19:02	1/3/2024 9:00	837.75	0
510522	1/2/2024 19:02	1/3/2024 9:00	837.9	0
21820	1/2/2024 19:03	1/3/2024 9:00	836.75	0
275018	1/2/2024 19:03	1/3/2024 9:00	836.75	0
456048	1/2/2024 19:03	1/3/2024 9:00	836.9	0
561349	1/2/2024 19:03	1/3/2024 9:00	836.9	0
508593	1/2/2024 19:03	1/3/2024 9:00	836.9	0
643812	1/2/2024 19:03	1/3/2024 9:00	836.9	0
1430838	1/2/2024 19:03	1/3/2024 9:00	836.18	0
350406	1/2/2024 19:03	1/3/2024 9:00	836.75	0
8910809	1/2/2024 19:03	1/3/2024 9:00	836.9	0
274125	1/2/2024 19:03	1/3/2024 9:00	836.75	0
51483	1/2/2024 19:03	1/3/2024 9:00	836.75	0
197883	1/2/2024 19:03	1/3/2024 9:00	836.75	0
29848	1/2/2024 19:03	1/3/2024 9:00	836.75	0
1609222	1/2/2024 19:03	1/3/2024 9:00	836.18	0
1451744	1/2/2024 19:03	1/3/2024 9:00	836.18	0
553755	1/2/2024 19:03	1/3/2024 9:00	836.9	0
318402	1/2/2024 19:03	1/3/2024 9:00	836.75	0
1683861	1/2/2024 19:03	1/3/2024 9:00	836.75	0
817260	1/2/2024 19:03	1/3/2024 9:00	836.32	0
274059	1/2/2024 19:03	1/3/2024 9:00	836.75	0
859747	1/2/2024 19:03	1/3/2024 9:00	836.32	0
732691	1/2/2024 19:03	1/3/2024 9:00	836.32	0
1521914	1/2/2024 19:03	1/3/2024 9:00	836.18	0
8206792	1/2/2024 19:03	1/3/2024 9:00	836.18	0
509102	1/2/2024 19:03	1/3/2024 9:00	836.9	0
645339	1/2/2024 19:03	1/3/2024 9:00	836.9	0
25674	1/2/2024 19:03	1/3/2024 9:00	836.75	0
1537547	1/2/2024 19:03	1/3/2024 9:00	836.18	0
204963	1/2/2024 19:04	1/3/2024 9:00	835.75	0
852287	1/2/2024 19:04	1/3/2024 9:00	835.32	0
1406535	1/2/2024 19:04	1/3/2024 9:00	835.02	0
174815	1/2/2024 19:04	1/3/2024 9:00	835.75	0

281235	1/2/2024 19:04	1/3/2024 9:00	835.75	0
1351539	1/2/2024 19:04	1/3/2024 9:00	835.02	0
314945	1/2/2024 19:04	1/3/2024 9:00	835.75	0
381982	1/2/2024 19:04	1/3/2024 9:00	835.9	0
317126	1/2/2024 19:04	1/3/2024 9:00	835.75	0
304785	1/2/2024 19:04	1/3/2024 9:00	835.75	0
304845	1/2/2024 19:04	1/3/2024 9:00	835.75	0
353082	1/2/2024 19:04	1/3/2024 9:00	835.75	0
8524544	1/2/2024 19:04	1/3/2024 9:00	835.75	0
430114	1/2/2024 19:04	1/3/2024 9:00	835.9	0
27483	1/2/2024 19:04	1/3/2024 9:00	835.75	0
380057	1/2/2024 19:04	1/3/2024 9:00	835.9	0
323747	1/2/2024 19:04	1/3/2024 9:00	835.75	0
8734349	1/2/2024 19:04	1/3/2024 9:00	835.02	0
1394324	1/2/2024 19:04	1/3/2024 9:00	835.02	0
1421188	1/2/2024 19:04	1/3/2024 9:00	835.02	0
197356	1/2/2024 19:04	1/3/2024 9:00	835.75	0
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1595351	1/2/2024 19:05	1/3/2024 9:00	834.18	0
21306	1/2/2024 19:05	1/3/2024 9:00	834.75	0
346967	1/2/2024 19:05	1/3/2024 9:00	834.75	0
1537541	1/2/2024 19:05	1/3/2024 9:00	834.18	0
507365	1/2/2024 19:05	1/3/2024 9:00	834.9	0
627289	1/2/2024 19:05	1/3/2024 9:00	834.9	0
511266	1/2/2024 19:05	1/3/2024 9:00	834.9	0
381338	1/2/2024 19:05	1/3/2024 9:00	834.9	0
570022	1/2/2024 19:05	1/3/2024 9:00	834.9	0
1537989	1/2/2024 19:05	1/3/2024 9:00	834.18	0
1433348	1/2/2024 19:05	1/3/2024 8:07	782	0
281332	1/2/2024 19:06	1/3/2024 9:00	833.75	0
634779	1/2/2024 19:06	1/3/2024 9:00	833.9	0
1310926	1/2/2024 19:06	1/3/2024 9:00	833.02	0
1538194	1/2/2024 19:06	1/3/2024 9:00	833.18	0
1375642	1/2/2024 19:06	1/3/2024 9:00	833.02	0
304295	1/2/2024 19:06	1/3/2024 9:00	833.75	0
455345	1/2/2024 19:06	1/3/2024 9:00	833.9	0
1493132	1/2/2024 19:06	1/3/2024 9:00	833.02	0
70277	1/2/2024 19:06	1/3/2024 9:00	833.75	0
188639	1/2/2024 19:06	1/3/2024 9:00	833.75	0
1450250	1/2/2024 19:06	1/3/2024 9:00	833.18	0
1464949	1/2/2024 19:07	1/3/2024 9:00	832.18	0
449377	1/2/2024 19:07	1/2/2024 19:23	16	0
51957	1/2/2024 19:07	1/3/2024 9:00	832.75	0
509233	1/2/2024 19:07	1/3/2024 9:00	832.9	0
7518767	1/2/2024 19:07	1/3/2024 9:00	832.75	0
10659831	1/2/2024 19:07	1/3/2024 9:00	832.18	0
198082	1/2/2024 19:07	1/3/2024 9:00	832.75	0

267537	1/2/2024 19:07	1/3/2024 9:00	832.75	0
316997	1/2/2024 19:07	1/3/2024 9:00	832.75	0
49209	1/2/2024 19:07	1/3/2024 9:00	832.75	0
562346	1/2/2024 19:07	1/3/2024 9:00	832.9	0
5212517	1/2/2024 19:07	1/3/2024 9:00	832.75	0
454901	1/2/2024 19:07	1/3/2024 9:00	832.9	0
8950281	1/2/2024 19:08	1/3/2024 9:00	831.75	0
1433697	1/2/2024 19:08	1/2/2024 19:09	1	0
8148103	1/2/2024 19:08	1/3/2024 9:00	831.75	0
561672	1/2/2024 19:08	1/3/2024 9:00	831.9	0
605186	1/2/2024 19:08	1/3/2024 9:00	831.9	0
549370	1/2/2024 19:08	1/3/2024 9:00	831.9	0
455994	1/2/2024 19:08	1/3/2024 9:00	831.9	0
1346671	1/2/2024 19:08	1/3/2024 9:00	831.02	0
1494722	1/2/2024 19:08	1/3/2024 9:00	831.02	0
1348780	1/2/2024 19:08	1/3/2024 9:00	831.02	0
1375227	1/2/2024 19:08	1/3/2024 9:00	831.02	0
446329	1/2/2024 19:08	1/3/2024 9:00	831.9	0
309944	1/2/2024 19:08	1/3/2024 9:00	831.75	0
353371	1/2/2024 19:08	1/3/2024 9:00	831.75	0
8621797	1/2/2024 19:08	1/3/2024 9:00	831.75	0
1074779	1/2/2024 19:08	1/3/2024 9:00	831.9	0
1702895	1/2/2024 19:08	1/3/2024 9:00	831.02	0
562856	1/2/2024 19:08	1/3/2024 9:00	831.9	0
1394365	1/2/2024 19:08	1/3/2024 9:00	831.02	0
353728	1/2/2024 19:09	1/3/2024 9:00	830.75	0
1433697	1/2/2024 19:09	1/2/2024 19:28	19	0
1251782	1/2/2024 19:09	1/3/2024 9:00	830.32	0
68620	1/2/2024 19:09	1/3/2024 9:00	830.75	0
457729	1/2/2024 19:09	1/3/2024 9:00	830.9	0
1670039	1/2/2024 19:09	1/3/2024 9:00	830.9	0
197629	1/2/2024 19:09	1/3/2024 9:00	830.75	0
315306	1/2/2024 19:09	1/3/2024 9:00	830.75	0
317084	1/2/2024 19:09	1/3/2024 9:00	830.75	0
313269	1/2/2024 19:09	1/3/2024 9:00	830.75	0
569554	1/2/2024 19:09	1/3/2024 9:00	830.9	0
378229	1/2/2024 19:09	1/3/2024 9:00	830.9	0
308032	1/2/2024 19:10	1/3/2024 9:00	829.75	0
413869	1/2/2024 19:10	1/2/2024 19:49	39	0
1081237	1/2/2024 19:10	1/2/2024 19:29	19	0
125572	1/2/2024 19:10	1/3/2024 9:00	829.75	0
1680798	1/2/2024 19:10	1/3/2024 9:00	829.75	0
308802	1/2/2024 19:10	1/3/2024 9:00	829.75	0
1465703	1/2/2024 19:10	1/3/2024 9:00	829.18	0
601397	1/2/2024 19:11	1/3/2024 9:00	828.9	0
69207	1/2/2024 19:11	1/3/2024 9:00	828.75	0
457978	1/2/2024 19:11	1/3/2024 9:00	828.9	0

8605921	1/2/2024 19:11	1/3/2024 9:00	828.75	0
496498	1/2/2024 19:11	1/3/2024 9:00	828.9	0
350753	1/2/2024 19:11	1/3/2024 9:00	828.75	0
24124	1/2/2024 19:12	1/3/2024 9:00	827.75	0
8068454	1/2/2024 19:12	1/3/2024 9:00	827.9	0
345647	1/2/2024 19:12	1/3/2024 9:00	827.75	0
1378128	1/2/2024 19:20	1/3/2024 9:00	819.02	0
195839	1/2/2024 19:23	1/3/2024 9:00	816.75	0
449377	1/2/2024 19:23	1/2/2024 20:15	52	0
1433697	1/2/2024 19:28	1/2/2024 19:29	1	0
1081237	1/2/2024 19:29	1/2/2024 19:30	1	0
1433697	1/2/2024 19:29	1/2/2024 19:48	19	0
523489	1/2/2024 19:30	1/3/2024 9:00	809.75	0
1081237	1/2/2024 19:30	1/2/2024 19:49	19	0
7533405	1/2/2024 19:36	1/3/2024 9:00	803.75	0
511223	1/2/2024 19:41	1/3/2024 9:00	798.9	0
1433697	1/2/2024 19:48	1/2/2024 19:49	1	0
1433697	1/2/2024 19:49	1/2/2024 20:08	19	0
413869	1/2/2024 19:49	1/2/2024 19:50	1	0
1081237	1/2/2024 19:49	1/2/2024 19:50	1	0
1081237	1/2/2024 19:50	1/2/2024 20:09	19	0
413869	1/2/2024 19:50	1/2/2024 20:09	19	0
1433697	1/2/2024 20:08	1/2/2024 20:09	1	0
1433697	1/2/2024 20:09	1/2/2024 20:28	19	0
413869	1/2/2024 20:09	1/2/2024 20:10	1	0
1081237	1/2/2024 20:09	1/2/2024 20:10	1	0
1081237	1/2/2024 20:10	1/2/2024 20:29	19	0
413869	1/2/2024 20:10	1/2/2024 20:29	19	0
449377	1/2/2024 20:15	1/2/2024 21:18	63	0
1519715	1/2/2024 20:20	1/3/2024 9:00	759.18	0
1433697	1/2/2024 20:28	1/2/2024 20:29	1	0
413869	1/2/2024 20:29	1/2/2024 20:30	1	0
1433697	1/2/2024 20:29	1/2/2024 20:48	19	0
1081237	1/2/2024 20:29	1/2/2024 20:30	1	0
413869	1/2/2024 20:30	1/2/2024 21:09	39	0
1081237	1/2/2024 20:30	1/2/2024 20:49	19	0
816722	1/2/2024 20:40	1/3/2024 9:00	739.32	0
1433697	1/2/2024 20:48	1/2/2024 20:49	1	0
1433697	1/2/2024 20:49	1/2/2024 21:08	19	0
1081237	1/2/2024 20:49	1/2/2024 20:50	1	0
1081237	1/2/2024 20:50	1/2/2024 21:09	19	0
1433697	1/2/2024 21:08	1/2/2024 21:09	1	0
1433697	1/2/2024 21:09	1/2/2024 21:28	19	0
413869	1/2/2024 21:09	1/2/2024 21:10	1	0
1081237	1/2/2024 21:09	1/2/2024 21:10	1	0
413869	1/2/2024 21:10	1/2/2024 21:29	19	0
1081237	1/2/2024 21:10	1/2/2024 21:29	19	0

449377	1/2/2024 21:18	1/2/2024 22:16	58	0
197690	1/2/2024 21:23	1/3/2024 9:00	696.75	0
1433697	1/2/2024 21:28	1/2/2024 21:29	1	0
1081237	1/2/2024 21:29	1/2/2024 21:30	1	0
413869	1/2/2024 21:29	1/2/2024 21:30	1	0
1433697	1/2/2024 21:29	1/2/2024 21:48	19	0
1081237	1/2/2024 21:30	1/2/2024 21:49	19	0
413869	1/2/2024 21:30	1/2/2024 22:09	39	0
1433697	1/2/2024 21:48	1/2/2024 21:49	1	0
1081237	1/2/2024 21:49	1/2/2024 21:50	1	0
1433697	1/2/2024 21:49	1/2/2024 22:08	19	0
1081237	1/2/2024 21:50	1/2/2024 22:09	19	0
1433697	1/2/2024 22:08	1/2/2024 22:09	1	0
413869	1/2/2024 22:09	1/2/2024 22:10	1	0
1433697	1/2/2024 22:09	1/2/2024 22:28	19	0
1081237	1/2/2024 22:09	1/2/2024 22:10	1	0
413869	1/2/2024 22:10	1/3/2024 9:00	649.85	0
1081237	1/2/2024 22:10	1/2/2024 22:29	19	0
449377	1/2/2024 22:16	1/2/2024 22:58	42	0
1433697	1/2/2024 22:28	1/2/2024 22:29	1	0
1433697	1/2/2024 22:29	1/2/2024 22:48	19	0
1081237	1/2/2024 22:29	1/2/2024 22:30	1	0
1081237	1/2/2024 22:30	1/2/2024 22:49	19	0
1433697	1/2/2024 22:48	1/2/2024 22:49	1	0
1081237	1/2/2024 22:49	1/2/2024 22:50	1	0
1433697	1/2/2024 22:49	1/2/2024 23:08	19	0
1081237	1/2/2024 22:50	1/2/2024 23:09	19	0
449377	1/2/2024 22:58	1/2/2024 23:24	26	0
1433697	1/2/2024 23:08	1/2/2024 23:09	1	0
1433697	1/2/2024 23:09	1/2/2024 23:28	19	0
1081237	1/2/2024 23:09	1/2/2024 23:10	1	0
1081237	1/2/2024 23:10	1/2/2024 23:29	19	0
449377	1/2/2024 23:24	1/3/2024 2:23	179	0
1433697	1/2/2024 23:28	1/2/2024 23:29	1	0
1081237	1/2/2024 23:29	1/2/2024 23:30	1	0
1433697	1/2/2024 23:29	1/3/2024 0:08	39	0
1081237	1/2/2024 23:30	1/3/2024 9:00	569.85	0
1433697	1/3/2024 0:08	1/3/2024 0:09	1	0
1433697	1/3/2024 0:09	1/3/2024 0:28	19	0
1433697	1/3/2024 0:28	1/3/2024 0:29	1	0
1433697	1/3/2024 0:29	1/3/2024 0:48	19	0
1433697	1/3/2024 0:48	1/3/2024 0:49	1	0
1433697	1/3/2024 0:49	1/3/2024 1:08	19	0
1433697	1/3/2024 1:08	1/3/2024 1:09	1	0
1433697	1/3/2024 1:09	1/3/2024 1:28	19	0
1433697	1/3/2024 1:28	1/3/2024 1:29	1	0
1433697	1/3/2024 1:29	1/3/2024 1:48	19	0

1433697	1/3/2024 1:48	1/3/2024 1:49	1	0
1433697	1/3/2024 1:49	1/3/2024 2:08	19	0
1433697	1/3/2024 2:08	1/3/2024 2:09	1	0
1433697	1/3/2024 2:09	1/3/2024 8:07	358	0
449377	1/3/2024 2:23	1/3/2024 3:15	52	0
449377	1/3/2024 3:15	1/3/2024 5:11	116	0
449377	1/3/2024 5:11	1/3/2024 5:42	31	0
326028	1/3/2024 5:34	1/3/2024 9:00	205.75	0
449377	1/3/2024 5:42	1/3/2024 6:19	37	0
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449377	1/3/2024 6:35	1/3/2024 6:45	10	0
449377	1/3/2024 6:45	1/3/2024 7:32	47	0
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1432940	1/3/2024 8:08	1/3/2024 9:00	51.18	0
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1444809	1/3/2024 8:09	1/3/2024 9:00	50.18	0
306565	1/3/2024 8:11	1/3/2024 9:00	48.75	0
7178975	1/3/2024 8:12	1/3/2024 9:00	47.75	0
1376158	1/3/2024 8:12	1/3/2024 9:00	47.02	0
314188	1/3/2024 8:15	1/3/2024 9:00	44.75	0
315730	1/3/2024 8:15	1/3/2024 9:00	44.75	0
315169	1/3/2024 8:18	1/3/2024 9:00	41.75	0
1349502	1/3/2024 8:20	1/3/2024 9:00	39.02	0
1350598	1/3/2024 8:20	1/3/2024 9:00	39.02	0
324290	1/3/2024 8:21	1/3/2024 9:00	38.75	0
1433697	1/3/2024 8:26	1/3/2024 8:27	1	0
1433697	1/3/2024 8:27	1/3/2024 8:46	19	0
1093889	1/3/2024 8:33	1/3/2024 9:00	26.9	0
580808	1/3/2024 8:35	1/3/2024 8:51	16	0
1466638	1/3/2024 8:35	1/3/2024 9:00	24.18	0
8511623	1/3/2024 8:38	1/3/2024 9:00	21.75	0
1351588	1/3/2024 8:38	1/3/2024 9:00	21.02	0
449377	1/3/2024 8:46	1/3/2024 8:56	10	0
1433697	1/3/2024 8:46	1/3/2024 8:47	1	0
1433697	1/3/2024 8:47	1/3/2024 9:00	12.85	0
1320008	1/3/2024 8:48	1/3/2024 9:00	11.02	0
580808	1/3/2024 8:51	1/3/2024 9:00	8.9	0
449377	1/3/2024 8:56	1/3/2024 9:00	3.9	0
619266	1/3/2024 9:00	1/4/2024 9:00	1439.9	0
1406664	1/3/2024 9:00	1/4/2024 9:00	1439.02	0
1552447	1/3/2024 9:00	1/4/2024 9:00	1439.18	0
326028	1/3/2024 9:00	1/4/2024 9:00	1439.75	0
8766703	1/3/2024 9:00	1/4/2024 9:00	1439.18	0
319279	1/3/2024 9:00	1/4/2024 9:00	1439.75	0

1433697	1/3/2024 9:00	1/3/2024 14:20	320	0
8668965	1/3/2024 9:00	1/3/2024 10:48	108	0
1453263	1/3/2024 9:00	1/3/2024 15:38	398	0
51957	1/3/2024 9:00	1/3/2024 19:05	605	0
1433348	1/3/2024 9:00	1/3/2024 14:19	319	0
8605921	1/3/2024 9:00	1/3/2024 15:57	417	0
1516786	1/3/2024 9:00	1/3/2024 15:41	401	0
1394324	1/3/2024 9:00	1/3/2024 18:46	586	0
509233	1/3/2024 9:00	1/3/2024 11:18	138	0
29635	1/3/2024 9:01	1/3/2024 18:58	597	0
971524	1/3/2024 9:01	1/3/2024 11:31	150	0
1465882	1/3/2024 9:01	1/4/2024 9:00	1438.18	0
314899	1/3/2024 9:02	1/3/2024 18:53	591	0
593397	1/3/2024 9:02	1/3/2024 12:58	236	0
1672454	1/3/2024 9:04	1/3/2024 18:58	594	0
1444809	1/3/2024 9:06	1/3/2024 14:21	315	0
1513541	1/3/2024 9:06	1/4/2024 9:00	1433.18	0
1444947	1/3/2024 9:07	1/3/2024 14:21	314	0
1552990	1/3/2024 9:07	1/4/2024 9:00	1432.18	0
1333801	1/3/2024 9:08	1/3/2024 18:30	562	0
574993	1/3/2024 9:08	1/3/2024 10:07	59	0
1444636	1/3/2024 9:08	1/3/2024 14:23	315	0
1350104	1/3/2024 9:08	1/3/2024 14:22	314	0
1351588	1/3/2024 9:08	1/3/2024 14:24	316	0
8511623	1/3/2024 9:09	1/3/2024 18:58	589	0
195216	1/3/2024 9:09	1/3/2024 11:04	115	0
304785	1/3/2024 9:09	1/3/2024 11:57	168	0
304845	1/3/2024 9:10	1/3/2024 11:58	168	0
350517	1/3/2024 9:12	1/4/2024 9:00	1427.75	0
350346	1/3/2024 9:13	1/3/2024 14:12	299	0.04
349467	1/3/2024 9:13	1/3/2024 14:12	299	0
457978	1/3/2024 9:14	1/3/2024 10:02	48	0
455345	1/3/2024 9:14	1/3/2024 10:09	55	0
454861	1/3/2024 9:14	1/3/2024 10:03	49	0
456099	1/3/2024 9:17	1/3/2024 18:51	574	0
539938	1/3/2024 9:18	1/3/2024 18:52	574	0
324249	1/3/2024 9:18	1/3/2024 11:50	152	0
455629	1/3/2024 9:18	1/3/2024 10:05	47	0
454901	1/3/2024 9:19	1/3/2024 10:00	41	0
457729	1/3/2024 9:19	1/3/2024 10:01	42	0
323657	1/3/2024 9:19	1/3/2024 11:51	152	0
561757	1/3/2024 9:20	1/3/2024 10:49	89	0
323747	1/3/2024 9:20	1/3/2024 11:47	147	1.16
1321605	1/3/2024 9:20	1/3/2024 18:24	544	0
1320008	1/3/2024 9:20	1/3/2024 10:08	48	0
1465703	1/3/2024 9:20	1/3/2024 11:37	137	0
1093889	1/3/2024 9:20	1/3/2024 18:42	562	0.01

325050	1/3/2024 9:21	1/3/2024 18:52	571	0
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1348444	1/3/2024 9:22	1/3/2024 14:22	300	0.05
1348976	1/3/2024 9:22	1/3/2024 14:26	304	0
1350598	1/3/2024 9:22	1/3/2024 14:22	300	0
1349083	1/3/2024 9:24	1/3/2024 14:22	298	0
1349502	1/3/2024 9:24	1/3/2024 14:22	298	0
1349766	1/3/2024 9:24	1/3/2024 18:40	556	0.04
1351069	1/3/2024 9:26	1/3/2024 18:52	566	0
1393699	1/3/2024 9:26	1/3/2024 18:46	560	0
1430838	1/3/2024 9:28	1/3/2024 18:40	552	0
980398	1/3/2024 9:28	1/3/2024 12:00	152	0
1494722	1/3/2024 9:28	1/3/2024 18:58	570	0
1557188	1/3/2024 9:29	1/3/2024 11:46	137	0
1430553	1/3/2024 9:29	1/3/2024 18:35	546	0
1557303	1/3/2024 9:30	1/3/2024 11:46	136	0
1554218	1/3/2024 9:32	1/3/2024 18:59	567	0
279833	1/3/2024 9:33	1/3/2024 18:57	564	0
275495	1/3/2024 9:33	1/3/2024 18:58	565	0
274522	1/3/2024 9:33	1/3/2024 18:56	563	0.87
4173986	1/3/2024 9:34	1/3/2024 18:57	563	0
276488	1/3/2024 9:34	1/3/2024 19:03	569	0
8104722	1/3/2024 9:35	1/3/2024 18:57	562	0
1081237	1/3/2024 9:35	1/3/2024 19:05	570	0
315346	1/3/2024 9:35	1/3/2024 18:55	560	0
315345	1/3/2024 9:36	1/3/2024 18:59	563	0
317084	1/3/2024 9:36	1/3/2024 19:03	567	0
188639	1/3/2024 9:37	1/3/2024 10:08	31	0
314945	1/3/2024 9:37	1/3/2024 19:01	564	0.49
317233	1/3/2024 9:37	1/3/2024 18:52	555	0.37
317195	1/3/2024 9:38	1/3/2024 18:52	554	0
10510361	1/3/2024 9:38	1/3/2024 18:58	560	0
347230	1/3/2024 9:40	1/3/2024 14:12	272	0
25674	1/3/2024 9:40	1/3/2024 10:07	27	0
418291	1/3/2024 9:40	1/3/2024 18:57	557	0
318402	1/3/2024 9:40	1/3/2024 18:56	556	0
304295	1/3/2024 9:40	1/3/2024 11:56	136	0
1680798	1/3/2024 9:41	1/3/2024 14:13	272	0
523489	1/3/2024 9:42	1/3/2024 19:00	558	0.42
1394365	1/3/2024 9:44	1/3/2024 18:50	546	0
455994	1/3/2024 9:44	1/3/2024 10:32	48	0
981933	1/3/2024 9:44	1/3/2024 18:34	530	0
1595324	1/3/2024 9:44	1/3/2024 18:30	526	0
732691	1/3/2024 9:45	1/3/2024 18:51	546	0
1595351	1/3/2024 9:45	1/3/2024 18:40	535	0
9063373	1/3/2024 9:48	1/3/2024 18:50	542	0
1524033	1/3/2024 9:49	1/3/2024 18:49	540	0.33

500173	1/3/2024 9:50	1/3/2024 18:51	541	1.22
498070	1/3/2024 9:50	1/3/2024 11:46	116	0
317797	1/3/2024 9:52	1/3/2024 18:58	546	0
454901	1/3/2024 10:00	1/3/2024 10:34	34	0
275018	1/3/2024 10:00	1/3/2024 18:57	537	0
49209	1/3/2024 10:00	1/3/2024 19:00	540	0
457729	1/3/2024 10:01	1/3/2024 10:38	37	0
47769	1/3/2024 10:01	1/3/2024 18:54	533	0
196408	1/3/2024 10:01	1/3/2024 18:57	536	0
101426	1/3/2024 10:02	1/3/2024 14:38	276	2.17
457978	1/3/2024 10:02	1/3/2024 10:33	31	0
197629	1/3/2024 10:02	1/3/2024 19:02	540	0
454861	1/3/2024 10:03	1/3/2024 18:54	531	0.07
800576	1/3/2024 10:03	1/3/2024 18:31	508	0
1515733	1/3/2024 10:03	1/3/2024 18:40	517	0
1320619	1/3/2024 10:04	1/3/2024 10:50	46	0
96506	1/3/2024 10:04	1/3/2024 14:35	271	0
1516739	1/3/2024 10:04	1/3/2024 18:40	516	0
455629	1/3/2024 10:05	1/3/2024 10:36	31	0
197690	1/3/2024 10:05	1/3/2024 18:51	526	0
97730	1/3/2024 10:05	1/3/2024 14:35	270	0
195839	1/3/2024 10:05	1/3/2024 18:55	530	0
99953	1/3/2024 10:05	1/3/2024 18:55	530	0
601397	1/3/2024 10:05	1/3/2024 15:38	333	0
96751	1/3/2024 10:05	1/3/2024 14:35	270	0
316997	1/3/2024 10:05	1/3/2024 19:01	536	0
1310926	1/3/2024 10:06	1/3/2024 11:34	88	0
605186	1/3/2024 10:06	1/3/2024 19:01	535	0
8148103	1/3/2024 10:06	1/3/2024 19:02	536	0
510974	1/3/2024 10:06	1/3/2024 18:51	525	0
1309098	1/3/2024 10:06	1/3/2024 11:36	90	0
197883	1/3/2024 10:06	1/3/2024 18:56	530	0
574993	1/3/2024 10:07	1/3/2024 10:11	4	0
25674	1/3/2024 10:07	1/3/2024 10:23	16	0
315306	1/3/2024 10:07	1/3/2024 19:02	535	0
24124	1/3/2024 10:07	1/3/2024 10:23	16	0
188639	1/3/2024 10:08	1/3/2024 10:24	16	0
1320008	1/3/2024 10:08	1/3/2024 18:34	506	0
1320646	1/3/2024 10:08	1/4/2024 9:00	1371.02	0
455345	1/3/2024 10:09	1/3/2024 10:31	22	0
1375227	1/3/2024 10:10	1/3/2024 14:30	260	0
1493132	1/3/2024 10:10	1/3/2024 14:26	256	0
574993	1/3/2024 10:11	1/4/2024 9:00	1368.9	0
281235	1/3/2024 10:14	1/3/2024 18:56	522	0
486821	1/3/2024 10:15	1/3/2024 11:45	90	0
1430294	1/3/2024 10:15	1/3/2024 18:34	499	0
486940	1/3/2024 10:15	1/3/2024 11:50	95	0.57

7178975	1/3/2024 10:15	1/3/2024 18:57	522	0
315730	1/3/2024 10:15	1/3/2024 19:00	525	0
314188	1/3/2024 10:16	1/3/2024 18:54	518	0
1376158	1/3/2024 10:16	1/3/2024 18:50	514	0
449036	1/3/2024 10:16	1/3/2024 18:57	521	0.36
1417279	1/3/2024 10:16	1/3/2024 18:40	504	0
1417138	1/3/2024 10:16	1/3/2024 18:44	508	0
68620	1/3/2024 10:17	1/3/2024 11:18	61	0
274125	1/3/2024 10:17	1/3/2024 19:03	526	0
274059	1/3/2024 10:17	1/3/2024 19:01	524	0
574596	1/3/2024 10:17	1/3/2024 14:34	257	0
1412757	1/3/2024 10:18	1/3/2024 18:46	508	0
70866	1/3/2024 10:18	1/4/2024 9:00	1361.75	0
69207	1/3/2024 10:18	1/3/2024 11:15	57	0
1512146	1/3/2024 10:19	1/3/2024 18:47	508	0
449377	1/3/2024 10:19	1/3/2024 10:47	28	0
8486022	1/3/2024 10:20	1/3/2024 14:21	241	0
1509486	1/3/2024 10:20	1/3/2024 18:42	502	0
645339	1/3/2024 10:21	1/3/2024 11:47	86	0
1509487	1/3/2024 10:22	1/3/2024 18:45	503	0
1446401	1/3/2024 10:22	1/3/2024 14:22	240	0
25674	1/3/2024 10:23	1/3/2024 10:38	15	0
24124	1/3/2024 10:23	1/3/2024 19:08	525	0
188639	1/3/2024 10:24	1/3/2024 10:40	16	0.01
1573666	1/3/2024 10:25	1/3/2024 11:43	78	0
160073	1/3/2024 10:26	1/3/2024 18:26	480	0
979888	1/3/2024 10:26	1/3/2024 12:00	94	0
1609551	1/3/2024 10:27	1/3/2024 10:42	15	0
997397	1/3/2024 10:27	1/3/2024 10:31	4	0
1610090	1/3/2024 10:27	1/3/2024 18:29	482	0
1609222	1/3/2024 10:30	1/3/2024 10:46	16	0
281332	1/3/2024 10:30	1/3/2024 18:59	509	0
1683861	1/3/2024 10:31	1/3/2024 19:00	509	0
997397	1/3/2024 10:31	1/3/2024 18:28	477	0
455345	1/3/2024 10:31	1/3/2024 11:19	48	0
982261	1/3/2024 10:31	1/3/2024 18:36	485	0
455994	1/3/2024 10:32	1/3/2024 11:19	47	0
457978	1/3/2024 10:33	1/3/2024 11:16	43	0
197561	1/3/2024 10:34	1/3/2024 18:55	501	0
486859	1/3/2024 10:34	1/3/2024 19:02	508	0
507365	1/3/2024 10:34	1/3/2024 11:37	63	0
1321750	1/3/2024 10:34	1/3/2024 18:36	482	0
454901	1/3/2024 10:34	1/3/2024 11:19	45	0
313269	1/3/2024 10:35	1/3/2024 19:07	512	0
510307	1/3/2024 10:35	1/3/2024 11:37	62	0
800600	1/3/2024 10:36	1/3/2024 18:40	484	0
8387677	1/3/2024 10:36	1/3/2024 18:58	502	0

455629	1/3/2024 10:36	1/3/2024 18:58	502	0
316971	1/3/2024 10:37	1/3/2024 19:06	509	0
800590	1/3/2024 10:37	1/3/2024 18:40	483	0
800588	1/3/2024 10:37	1/3/2024 18:40	483	0
801004	1/3/2024 10:37	1/3/2024 18:52	495	0
25674	1/3/2024 10:38	1/3/2024 16:40	362	0
1378128	1/3/2024 10:38	1/3/2024 14:26	228	0
457729	1/3/2024 10:38	1/3/2024 11:20	42	0
8524544	1/3/2024 10:38	1/3/2024 18:57	499	0
319726	1/3/2024 10:39	1/3/2024 18:44	485	0
315088	1/3/2024 10:39	1/3/2024 18:52	493	0
188639	1/3/2024 10:40	1/3/2024 16:16	336	1.04
593366	1/3/2024 10:41	1/3/2024 12:58	137	0
23566	1/3/2024 10:41	1/3/2024 12:07	86	0
1609484	1/3/2024 10:42	1/3/2024 10:57	15	0
1609551	1/3/2024 10:42	1/3/2024 10:58	16	0
25066	1/3/2024 10:42	1/3/2024 10:52	10	0
416557	1/3/2024 10:43	1/3/2024 18:46	483	0
593798	1/3/2024 10:43	1/3/2024 12:59	136	0
70277	1/3/2024 10:44	1/3/2024 18:57	493	0
627289	1/3/2024 10:46	1/3/2024 11:34	48	0
10659831	1/3/2024 10:46	1/3/2024 18:35	469	0
1609222	1/3/2024 10:46	1/3/2024 18:40	474	0
627018	1/3/2024 10:47	1/3/2024 10:52	5	0
624953	1/3/2024 10:47	1/3/2024 11:34	47	0
449377	1/3/2024 10:47	1/3/2024 11:39	52	0
8068454	1/3/2024 10:47	1/3/2024 19:04	497	0
8668965	1/3/2024 10:48	1/3/2024 11:35	47	0
68308	1/3/2024 10:48	1/3/2024 18:55	487	0
571799	1/3/2024 10:48	1/3/2024 11:35	47	0
561757	1/3/2024 10:49	1/3/2024 18:51	482	0
624628	1/3/2024 10:49	1/3/2024 11:31	42	0
317126	1/3/2024 10:49	1/3/2024 19:03	494	0
642003	1/3/2024 10:49	1/3/2024 11:36	47	0
571847	1/3/2024 10:49	1/3/2024 11:36	47	0
1332906	1/3/2024 10:50	1/3/2024 18:32	462	0
21820	1/3/2024 10:50	1/3/2024 11:36	46	0
1320619	1/3/2024 10:50	1/3/2024 11:08	18	0
375117	1/3/2024 10:51	1/4/2024 9:00	1328.9	0
926657	1/3/2024 10:51	1/3/2024 18:45	474	0
611363	1/3/2024 10:51	1/4/2024 9:00	1328.9	0
627018	1/3/2024 10:52	1/3/2024 18:43	471	0
373050	1/3/2024 10:52	1/4/2024 9:00	1327.9	0
552210	1/3/2024 10:52	1/3/2024 18:53	481	0
25066	1/3/2024 10:52	1/3/2024 19:00	488	0
375655	1/3/2024 10:53	1/4/2024 9:00	1326.9	0
21306	1/3/2024 10:53	1/3/2024 18:56	483	0

1378273	1/3/2024 10:54	1/3/2024 14:32	218	0
373278	1/3/2024 10:54	1/4/2024 9:00	1325.9	0
373273	1/3/2024 10:55	1/4/2024 9:00	1324.9	0
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8495802	1/3/2024 10:57	1/3/2024 18:30	453	0
9524954	1/3/2024 10:57	1/3/2024 18:09	432	0
1395587	1/3/2024 10:58	1/3/2024 18:36	458	0
1378582	1/3/2024 10:58	1/3/2024 18:36	458	0
1609551	1/3/2024 10:58	1/3/2024 18:40	462	0
1565203	1/3/2024 10:58	1/3/2024 11:40	42	0
563721	1/3/2024 10:58	1/3/2024 12:32	94	0
430114	1/3/2024 11:00	1/3/2024 14:14	194	0
324045	1/3/2024 11:02	1/3/2024 11:49	47	0
198082	1/3/2024 11:02	1/3/2024 19:04	482	0
1416360	1/3/2024 11:02	1/3/2024 18:54	472	0
196965	1/3/2024 11:02	1/3/2024 18:53	471	0
1431804	1/3/2024 11:03	1/3/2024 18:34	451	0
267537	1/3/2024 11:03	1/3/2024 19:01	478	0
646026	1/3/2024 11:04	1/3/2024 11:40	36	0
1431752	1/3/2024 11:04	1/3/2024 14:22	198	0
1415828	1/3/2024 11:04	1/3/2024 18:44	460	0
195216	1/3/2024 11:04	1/3/2024 11:30	26	0
197356	1/3/2024 11:05	1/3/2024 19:02	477	0
567126	1/3/2024 11:05	1/3/2024 18:58	473	0
196822	1/3/2024 11:05	1/3/2024 18:52	467	0
1093833	1/3/2024 11:06	1/3/2024 18:53	467	0
1664433	1/3/2024 11:07	1/3/2024 18:46	459	0
564518	1/3/2024 11:08	1/3/2024 18:55	467	0
353082	1/3/2024 11:08	1/3/2024 14:11	183	0
6995795	1/3/2024 11:08	1/3/2024 18:59	471	0
7879030	1/3/2024 11:08	1/3/2024 18:55	467	0
1320619	1/3/2024 11:08	1/3/2024 11:28	20	0
1393633	1/3/2024 11:08	1/3/2024 11:12	4	0
381982	1/3/2024 11:10	1/3/2024 18:58	468	0
26864	1/3/2024 11:10	1/3/2024 14:45	215	0
8910809	1/3/2024 11:10	1/3/2024 18:56	466	0
353371	1/3/2024 11:10	1/3/2024 14:14	184	0
380057	1/3/2024 11:10	1/3/2024 19:03	473	0
353651	1/3/2024 11:11	1/3/2024 14:11	180	0
1393633	1/3/2024 11:12	1/3/2024 18:40	448	0
511266	1/3/2024 11:14	1/3/2024 18:59	465	0
69207	1/3/2024 11:15	1/3/2024 19:08	473	0
624716	1/3/2024 11:16	1/4/2024 9:00	1303.9	0
457978	1/3/2024 11:16	1/3/2024 14:19	183	0
509233	1/3/2024 11:18	1/3/2024 11:34	16	0
281056	1/3/2024 11:18	1/3/2024 19:00	462	0

68620	1/3/2024 11:18	1/3/2024 19:02	464	0.02
280173	1/3/2024 11:19	1/3/2024 18:51	452	0
455345	1/3/2024 11:19	1/3/2024 14:16	177	0
455994	1/3/2024 11:19	1/3/2024 19:02	463	0
125572	1/3/2024 11:19	1/3/2024 14:18	179	0.78
454901	1/3/2024 11:19	1/3/2024 14:18	179	0.53
626477	1/3/2024 11:20	1/4/2024 9:00	1299.9	0
1421188	1/3/2024 11:20	1/3/2024 18:40	440	0
457729	1/3/2024 11:20	1/3/2024 14:23	183	0
237312	1/3/2024 11:20	1/3/2024 11:40	20	0
9399863	1/3/2024 11:20	1/3/2024 19:09	469	0
280749	1/3/2024 11:20	1/3/2024 18:57	457	0
549259	1/3/2024 11:22	1/3/2024 11:38	16	0
506261	1/3/2024 11:23	1/3/2024 18:58	455	0.19
280780	1/3/2024 11:24	1/3/2024 19:02	458	0
237266	1/3/2024 11:24	1/3/2024 11:35	11	0
10371746	1/3/2024 11:24	1/3/2024 11:40	16	0
237177	1/3/2024 11:24	1/3/2024 18:59	455	0
238732	1/3/2024 11:25	1/3/2024 18:57	452	0.13
6828301	1/3/2024 11:26	1/3/2024 11:56	30	0
413869	1/3/2024 11:26	1/3/2024 11:27	1	0
413869	1/3/2024 11:27	1/3/2024 11:46	19	0
1704232	1/3/2024 11:28	1/3/2024 12:00	32	0
262048	1/3/2024 11:28	1/3/2024 12:00	32	0.14
1320619	1/3/2024 11:28	1/4/2024 9:00	1291.02	0
195216	1/3/2024 11:30	1/4/2024 9:00	1289.75	0
1415622	1/3/2024 11:30	1/3/2024 12:00	30	0
971524	1/3/2024 11:31	1/3/2024 18:47	436	0
624628	1/3/2024 11:31	1/3/2024 18:47	436	0
350406	1/3/2024 11:31	1/3/2024 19:02	451	0
1704779	1/3/2024 11:32	1/3/2024 12:02	30	0
623871	1/3/2024 11:33	1/4/2024 9:00	1286.9	0
627289	1/3/2024 11:34	1/3/2024 18:56	442	0
623069	1/3/2024 11:34	1/4/2024 9:00	1285.9	0
1310926	1/3/2024 11:34	1/3/2024 11:50	16	0
623612	1/3/2024 11:34	1/4/2024 9:00	1285.9	0
509233	1/3/2024 11:34	1/3/2024 12:37	63	0
624953	1/3/2024 11:34	1/3/2024 18:46	432	0
280364	1/3/2024 11:35	1/3/2024 19:05	450	0.22
571799	1/3/2024 11:35	1/3/2024 11:51	16	0
8668965	1/3/2024 11:35	1/3/2024 12:38	63	0
237266	1/3/2024 11:35	1/3/2024 18:56	441	0
1309098	1/3/2024 11:36	1/3/2024 11:52	16	0
508593	1/3/2024 11:36	1/3/2024 12:34	58	0
21820	1/3/2024 11:36	1/3/2024 11:52	16	0
642003	1/3/2024 11:36	1/3/2024 11:52	16	0
571847	1/3/2024 11:36	1/3/2024 11:52	16	0

510307	1/3/2024 11:37	1/3/2024 12:37	60	0
1465703	1/3/2024 11:37	1/3/2024 18:40	423	0
507365	1/3/2024 11:37	1/3/2024 18:59	442	0
1384509	1/3/2024 11:38	1/4/2024 9:00	1281.02	0
549259	1/3/2024 11:38	1/3/2024 12:10	32	0
449377	1/3/2024 11:39	1/3/2024 12:26	47	0
10371746	1/3/2024 11:40	1/3/2024 18:53	433	0
1565203	1/3/2024 11:40	1/3/2024 11:56	16	0
41508	1/3/2024 11:40	1/3/2024 18:56	436	0.73
237312	1/3/2024 11:40	1/3/2024 19:06	446	0.37
646026	1/3/2024 11:40	1/3/2024 18:51	431	0
1573666	1/3/2024 11:43	1/3/2024 18:39	416	0
486821	1/3/2024 11:45	1/3/2024 13:15	90	0
1557303	1/3/2024 11:46	1/3/2024 12:44	58	0
496498	1/3/2024 11:46	1/3/2024 18:51	425	0
498070	1/3/2024 11:46	1/3/2024 14:51	185	0
1557188	1/3/2024 11:46	1/3/2024 12:43	57	0
413869	1/3/2024 11:46	1/3/2024 11:47	1	0
645339	1/3/2024 11:47	1/3/2024 12:03	16	0
323747	1/3/2024 11:47	1/3/2024 13:32	105	0.05
413869	1/3/2024 11:47	1/3/2024 12:26	39	0
353728	1/3/2024 11:48	1/3/2024 19:07	439	0
324045	1/3/2024 11:49	1/3/2024 13:34	105	0
1310926	1/3/2024 11:50	1/3/2024 12:22	32	0
486940	1/3/2024 11:50	1/3/2024 18:52	422	0.09
324249	1/3/2024 11:50	1/3/2024 13:35	105	0
496500	1/3/2024 11:50	1/3/2024 18:51	421	0
571799	1/3/2024 11:51	1/3/2024 12:22	31	0
323657	1/3/2024 11:51	1/3/2024 13:36	105	0
571847	1/3/2024 11:52	1/3/2024 18:57	425	0
675499	1/3/2024 11:52	1/3/2024 18:32	400	0
1309098	1/3/2024 11:52	1/3/2024 12:18	26	0
642003	1/3/2024 11:52	1/3/2024 19:07	435	0
21820	1/3/2024 11:52	1/3/2024 12:08	16	0
6828301	1/3/2024 11:56	1/3/2024 12:11	15	0
304295	1/3/2024 11:56	1/3/2024 14:27	151	0
8621797	1/3/2024 11:56	1/3/2024 14:29	153	0
1565203	1/3/2024 11:56	1/3/2024 12:12	16	0
5212517	1/3/2024 11:56	1/3/2024 14:29	153	0
304785	1/3/2024 11:57	1/3/2024 14:24	147	0
587455	1/3/2024 11:57	1/3/2024 14:13	136	0
303030	1/3/2024 11:58	1/3/2024 19:08	430	0
304845	1/3/2024 11:58	1/3/2024 14:25	147	0
1670039	1/3/2024 11:59	1/3/2024 14:15	136	0
304345	1/3/2024 11:59	1/3/2024 14:29	150	0
980398	1/3/2024 12:00	1/3/2024 12:42	42	0
979888	1/3/2024 12:00	1/3/2024 18:31	391	0

1704232	1/3/2024 12:00	1/3/2024 18:52	412	0
1415622	1/3/2024 12:00	1/3/2024 12:16	16	0
262048	1/3/2024 12:00	1/3/2024 18:53	413	0.05
571420	1/3/2024 12:01	1/3/2024 14:18	137	0
1704779	1/3/2024 12:02	1/3/2024 18:28	386	0
570022	1/3/2024 12:02	1/3/2024 18:58	416	0
1368745	1/3/2024 12:02	1/3/2024 16:14	252	0
926505	1/3/2024 12:02	1/4/2024 9:00	1257.32	0
645339	1/3/2024 12:03	1/3/2024 14:20	137	0
926503	1/3/2024 12:06	1/4/2024 9:00	1253.32	0
23566	1/3/2024 12:07	1/3/2024 18:56	409	0
21820	1/3/2024 12:08	1/3/2024 18:59	411	0
383804	1/3/2024 12:08	1/4/2024 9:00	1251.9	0
174902	1/3/2024 12:08	1/3/2024 19:00	412	0
549259	1/3/2024 12:10	1/3/2024 18:52	402	0
328113	1/3/2024 12:11	1/3/2024 14:12	121	0
6828301	1/3/2024 12:11	1/3/2024 13:56	105	0
1565203	1/3/2024 12:12	1/3/2024 18:35	383	0
1415622	1/3/2024 12:16	1/3/2024 18:56	400	0
1309098	1/3/2024 12:18	1/3/2024 14:38	140	0
571799	1/3/2024 12:22	1/3/2024 18:30	368	0
1310926	1/3/2024 12:22	1/3/2024 14:42	140	0
174815	1/3/2024 12:26	1/3/2024 19:53	447	0
449377	1/3/2024 12:26	1/3/2024 12:47	21	0
413869	1/3/2024 12:26	1/3/2024 12:27	1	0
413869	1/3/2024 12:27	1/3/2024 12:46	19	0
563721	1/3/2024 12:32	1/3/2024 18:57	385	0
508593	1/3/2024 12:34	1/3/2024 14:40	126	0
510307	1/3/2024 12:37	1/4/2024 9:00	1222.9	0
509233	1/3/2024 12:37	1/3/2024 18:58	381	0
8668965	1/3/2024 12:38	1/3/2024 14:37	119	0
803317	1/3/2024 12:39	1/4/2024 9:00	1220.32	0
980398	1/3/2024 12:42	1/4/2024 9:00	1217.18	0
1557188	1/3/2024 12:43	1/3/2024 15:19	156	0
1557303	1/3/2024 12:44	1/3/2024 15:20	156	0
413869	1/3/2024 12:46	1/3/2024 12:47	1	0
449377	1/3/2024 12:47	1/3/2024 13:19	32	0
413869	1/3/2024 12:47	1/3/2024 13:06	19	0
903630	1/3/2024 12:51	1/3/2024 18:40	349	0
1343695	1/3/2024 12:56	1/4/2024 9:00	1203.02	0
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593366	1/3/2024 12:58	1/3/2024 14:11	73	0
593798	1/3/2024 12:59	1/3/2024 14:13	74	0
926638	1/3/2024 13:01	1/4/2024 9:00	1198.32	0
413869	1/3/2024 13:06	1/3/2024 13:07	1	0
413869	1/3/2024 13:07	1/3/2024 19:07	360	0
486821	1/3/2024 13:15	1/3/2024 14:18	63	0

449377	1/3/2024 13:19	1/3/2024 13:50	31	0
510522	1/3/2024 13:20	1/3/2024 13:51	31	0
509102	1/3/2024 13:21	1/3/2024 13:52	31	0
678074	1/3/2024 13:28	1/3/2024 18:35	307	0
660265	1/3/2024 13:28	1/3/2024 18:41	313	0
323747	1/3/2024 13:32	1/3/2024 14:19	47	0
324045	1/3/2024 13:34	1/3/2024 14:21	47	0
324249	1/3/2024 13:35	1/3/2024 14:17	42	0
323657	1/3/2024 13:36	1/3/2024 14:18	42	0
8950281	1/3/2024 13:43	1/3/2024 14:14	31	0
51483	1/3/2024 13:46	1/3/2024 18:56	310	0
511223	1/3/2024 13:48	1/3/2024 18:52	304	0
449377	1/3/2024 13:50	1/3/2024 14:59	69	0
510522	1/3/2024 13:51	1/3/2024 18:55	304	0
509102	1/3/2024 13:52	1/3/2024 20:03	371	0
6828301	1/3/2024 13:56	1/3/2024 14:11	15	0
303510	1/3/2024 14:09	1/3/2024 14:25	16	0
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347230	1/3/2024 14:12	1/3/2024 16:55	163	0
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593397	1/3/2024 14:12	1/3/2024 14:27	15	0
349467	1/3/2024 14:12	1/3/2024 14:29	17	0
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587455	1/3/2024 14:13	1/3/2024 14:30	17	0
8950281	1/3/2024 14:14	1/3/2024 14:31	17	0
430114	1/3/2024 14:14	1/3/2024 18:57	283	0
353371	1/3/2024 14:14	1/3/2024 19:07	293	0
1670039	1/3/2024 14:15	1/3/2024 14:33	18	0
455345	1/3/2024 14:16	1/3/2024 15:52	96	0
324249	1/3/2024 14:17	1/3/2024 16:07	110	0
561672	1/3/2024 14:17	1/3/2024 19:06	289	0
571420	1/3/2024 14:18	1/3/2024 18:50	272	0
323657	1/3/2024 14:18	1/3/2024 16:03	105	0
454901	1/3/2024 14:18	1/3/2024 14:59	41	0
486821	1/3/2024 14:18	1/3/2024 14:38	20	0
125572	1/3/2024 14:18	1/3/2024 19:08	290	0
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323747	1/3/2024 14:19	1/3/2024 16:02	103	0
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1433697	1/3/2024 14:20	1/3/2024 15:03	43	0

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324045	1/3/2024 14:21	1/3/2024 19:08	287	0
8486022	1/3/2024 14:21	1/3/2024 18:29	248	0
1444947	1/3/2024 14:21	1/3/2024 18:30	249	0
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1350104	1/3/2024 14:22	1/3/2024 14:44	22	0
1431752	1/3/2024 14:22	1/3/2024 18:23	241	0
1350499	1/3/2024 14:22	1/3/2024 14:42	20	0
1348773	1/3/2024 14:22	1/3/2024 14:42	20	0
1349502	1/3/2024 14:22	1/3/2024 14:44	22	0
1446401	1/3/2024 14:22	1/3/2024 18:22	240	0
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1346455	1/3/2024 14:22	1/3/2024 14:40	18	0
8734349	1/3/2024 14:22	1/3/2024 14:44	22	0
1349542	1/3/2024 14:22	1/3/2024 14:42	20	0
1348300	1/3/2024 14:22	1/3/2024 14:42	20	0
1351539	1/3/2024 14:22	1/3/2024 14:44	22	0
1350975	1/3/2024 14:22	1/3/2024 14:44	22	0
457729	1/3/2024 14:23	1/4/2024 9:00	1116.9	0
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1351588	1/3/2024 14:24	1/3/2024 14:44	20	0
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1349338	1/3/2024 14:24	1/3/2024 14:44	20	0
1349605	1/3/2024 14:24	1/3/2024 14:44	20	0
7533405	1/3/2024 14:25	1/3/2024 14:51	26	0
304845	1/3/2024 14:25	1/3/2024 14:47	22	0
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1378128	1/3/2024 14:26	1/3/2024 14:52	26	0
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658642	1/3/2024 14:27	1/3/2024 18:39	252	0
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587455	1/3/2024 14:30	1/3/2024 14:53	23	0
1375227	1/3/2024 14:30	1/3/2024 18:56	266	0
8950281	1/3/2024 14:31	1/3/2024 14:56	25	0

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1670039	1/3/2024 14:33	1/3/2024 14:56	23	0
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97730	1/3/2024 14:35	1/3/2024 19:01	266	0
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304209	1/3/2024 14:35	1/3/2024 18:54	259	0
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8590289	1/3/2024 14:37	1/3/2024 15:00	23	0
1309098	1/3/2024 14:38	1/3/2024 18:30	232	0
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609757	1/3/2024 14:38	1/4/2024 9:00	1101.9	0
486821	1/3/2024 14:38	1/3/2024 19:02	264	0
611761	1/3/2024 14:38	1/4/2024 9:00	1101.9	0
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1348444	1/3/2024 14:40	1/3/2024 18:50	250	0
508593	1/3/2024 14:40	1/3/2024 18:59	259	0
1064575	1/3/2024 14:40	1/3/2024 18:35	235	0
1348300	1/3/2024 14:42	1/3/2024 18:46	244	0
1310926	1/3/2024 14:42	1/3/2024 18:42	240	0
1346665	1/3/2024 14:42	1/3/2024 18:56	254	0
1444809	1/3/2024 14:42	1/3/2024 18:19	217	0
1348773	1/3/2024 14:42	1/3/2024 18:40	238	0
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1349542	1/3/2024 14:42	1/3/2024 18:42	240	0
1350499	1/3/2024 14:42	1/3/2024 18:40	238	0
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1349338	1/3/2024 14:44	1/3/2024 18:46	242	0
1351539	1/3/2024 14:44	1/3/2024 18:58	254	0
8734349	1/3/2024 14:44	1/3/2024 18:52	248	0
1346671	1/3/2024 14:44	1/3/2024 18:56	252	0
1349244	1/3/2024 14:44	1/3/2024 18:36	232	0
1350598	1/3/2024 14:44	1/3/2024 18:54	250	0
1350104	1/3/2024 14:44	1/3/2024 18:50	246	0
1349502	1/3/2024 14:44	1/3/2024 18:56	252	0
1702895	1/3/2024 14:44	1/3/2024 18:56	252	0
1349605	1/3/2024 14:44	1/3/2024 18:52	248	0
1350975	1/3/2024 14:44	1/3/2024 18:44	240	0
1348780	1/3/2024 14:44	1/3/2024 18:56	252	0

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304785	1/3/2024 14:47	1/3/2024 18:57	250	0
304845	1/3/2024 14:47	1/3/2024 19:01	254	0
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8621797	1/3/2024 14:51	1/3/2024 19:07	256	0
5212517	1/3/2024 14:51	1/3/2024 19:00	249	0
328113	1/3/2024 14:51	1/3/2024 18:58	247	0
304345	1/3/2024 14:51	1/3/2024 18:57	246	0
7533405	1/3/2024 14:51	1/3/2024 21:04	373	0
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587455	1/3/2024 14:53	1/3/2024 18:56	243	0
304295	1/3/2024 14:53	1/3/2024 19:04	251	0
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8950281	1/3/2024 14:56	1/3/2024 19:07	251	0
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645144	1/3/2024 14:58	1/3/2024 19:00	242	0
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8668965	1/3/2024 15:00	1/3/2024 18:50	230	0
645339	1/3/2024 15:02	1/3/2024 18:59	237	0
1433348	1/3/2024 15:02	1/3/2024 18:35	213	0
1433697	1/3/2024 15:03	1/4/2024 4:20	797	0
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1557676	1/3/2024 15:21	1/3/2024 18:42	201	0
1556246	1/3/2024 15:23	1/3/2024 18:46	203	0
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1463218	1/3/2024 15:36	1/3/2024 18:25	169	0
601397	1/3/2024 15:38	1/3/2024 19:02	204	0
1453263	1/3/2024 15:38	1/3/2024 18:35	177	0
634779	1/3/2024 15:38	1/3/2024 18:58	200	0
569554	1/3/2024 15:40	1/3/2024 19:03	203	0
1516786	1/3/2024 15:41	1/3/2024 18:40	179	0
634044	1/3/2024 15:41	1/3/2024 18:57	196	0
1583853	1/3/2024 15:44	1/3/2024 18:15	151	0

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1430644	1/3/2024 15:48	1/3/2024 18:32	164	0
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808384	1/3/2024 15:51	1/3/2024 16:55	64	0
1346410	1/3/2024 15:52	1/3/2024 18:52	180	0
810130	1/3/2024 15:52	1/3/2024 16:50	58	0
455345	1/3/2024 15:52	1/3/2024 19:06	194	0
549370	1/3/2024 15:53	1/3/2024 19:06	193	0
8605921	1/3/2024 15:57	1/3/2024 19:07	190	0
320966	1/3/2024 16:01	1/3/2024 18:59	178	0
323747	1/3/2024 16:02	1/3/2024 19:01	179	0
323657	1/3/2024 16:03	1/3/2024 19:02	179	0
587024	1/3/2024 16:04	1/3/2024 18:58	174	0
324249	1/3/2024 16:07	1/3/2024 19:00	173	0
1378273	1/3/2024 16:12	1/3/2024 18:34	142	0
1368745	1/3/2024 16:14	1/3/2024 18:36	142	0
188639	1/3/2024 16:16	1/4/2024 9:00	1003.75	0
350346	1/3/2024 16:29	1/3/2024 18:45	136	0
457978	1/3/2024 16:30	1/3/2024 19:08	158	0
449377	1/3/2024 16:33	1/3/2024 17:57	84	0
25674	1/3/2024 16:40	1/4/2024 9:00	979.75	0
7518767	1/3/2024 16:42	1/3/2024 19:04	142	0
810130	1/3/2024 16:50	1/3/2024 18:35	105	0
347230	1/3/2024 16:55	1/3/2024 18:51	116	0
808384	1/3/2024 16:55	1/3/2024 18:39	104	0
415131	1/3/2024 17:09	1/3/2024 18:54	105	0
8604423	1/3/2024 17:34	1/3/2024 18:05	31	0
449377	1/3/2024 17:57	1/3/2024 18:56	59	0
8604423	1/3/2024 18:05	1/3/2024 18:10	5	0
9524954	1/3/2024 18:09	1/4/2024 9:00	890.18	0
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1583853	1/3/2024 18:15	1/4/2024 9:00	884.18	0
1444809	1/3/2024 18:19	1/4/2024 7:53	814	0
1446401	1/3/2024 18:22	1/4/2024 9:00	877.18	0
1431752	1/3/2024 18:23	1/4/2024 9:00	876.18	0
1064514	1/3/2024 18:24	1/4/2024 9:00	875.18	0
1321605	1/3/2024 18:24	1/4/2024 9:00	875.02	0
1463218	1/3/2024 18:25	1/4/2024 9:00	874.18	0
160073	1/3/2024 18:26	1/4/2024 9:00	873.18	0
997397	1/3/2024 18:28	1/4/2024 9:00	871.18	0
1704779	1/3/2024 18:28	1/4/2024 9:00	871.02	0
1610090	1/3/2024 18:29	1/4/2024 9:00	870.18	0
8486022	1/3/2024 18:29	1/4/2024 9:00	870.18	0
8495802	1/3/2024 18:30	1/4/2024 9:00	869.18	0
1444947	1/3/2024 18:30	1/4/2024 9:00	869.18	0
571799	1/3/2024 18:30	1/4/2024 9:00	869.9	0

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1609484	1/3/2024 18:31	1/4/2024 9:00	868.18	0
979888	1/3/2024 18:31	1/4/2024 9:00	868.18	0
800576	1/3/2024 18:31	1/4/2024 9:00	868.32	0
1430644	1/3/2024 18:32	1/4/2024 9:00	867.18	0
675499	1/3/2024 18:32	1/4/2024 9:00	867.32	0
1332906	1/3/2024 18:32	1/4/2024 9:00	867.02	0
981933	1/3/2024 18:34	1/4/2024 9:00	865.18	0
1378273	1/3/2024 18:34	1/4/2024 9:00	865.02	0
1430294	1/3/2024 18:34	1/4/2024 9:00	865.18	0
1431804	1/3/2024 18:34	1/4/2024 9:00	865.18	0
1320008	1/3/2024 18:34	1/4/2024 9:00	865.02	0
678074	1/3/2024 18:35	1/4/2024 9:00	864.32	0
1453263	1/3/2024 18:35	1/4/2024 9:00	864.18	0
810130	1/3/2024 18:35	1/4/2024 9:00	864.32	0
1565203	1/3/2024 18:35	1/4/2024 9:00	864.18	0
10659831	1/3/2024 18:35	1/4/2024 9:00	864.18	0
1430553	1/3/2024 18:35	1/4/2024 9:00	864.18	0
1064575	1/3/2024 18:35	1/4/2024 9:00	864.18	0
1433348	1/3/2024 18:35	1/4/2024 7:53	798	0
1321750	1/3/2024 18:36	1/4/2024 9:00	863.02	0
1378582	1/3/2024 18:36	1/4/2024 9:00	863.02	0
1395587	1/3/2024 18:36	1/4/2024 9:00	863.02	0
982261	1/3/2024 18:36	1/4/2024 9:00	863.18	0
1368745	1/3/2024 18:36	1/4/2024 9:00	863.02	0
1349244	1/3/2024 18:36	1/4/2024 9:00	863.02	0
658642	1/3/2024 18:39	1/4/2024 9:00	860.32	0
808384	1/3/2024 18:39	1/4/2024 9:00	860.32	0
1573666	1/3/2024 18:39	1/4/2024 9:00	860.18	0
1464949	1/3/2024 18:39	1/4/2024 9:00	860.18	0
1378128	1/3/2024 18:40	1/4/2024 9:00	859.02	0
1349766	1/3/2024 18:40	1/4/2024 9:00	859.02	0
1417279	1/3/2024 18:40	1/4/2024 9:00	859.02	0
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800590	1/3/2024 18:40	1/4/2024 9:00	859.32	0
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1516786	1/3/2024 18:40	1/4/2024 9:00	859.18	0
1393633	1/3/2024 18:40	1/4/2024 9:00	859.02	0
1595351	1/3/2024 18:40	1/4/2024 9:00	859.18	0
1515733	1/3/2024 18:40	1/4/2024 9:00	859.18	0
800588	1/3/2024 18:40	1/4/2024 9:00	859.32	0
1350499	1/3/2024 18:40	1/4/2024 9:00	859.02	0
1465703	1/3/2024 18:40	1/4/2024 9:00	859.18	0
1557188	1/3/2024 18:40	1/4/2024 9:00	859.18	0

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1430838	1/3/2024 18:40	1/4/2024 9:00	859.18	0
1348773	1/3/2024 18:40	1/4/2024 9:00	859.02	0
660265	1/3/2024 18:41	1/4/2024 9:00	858.32	0
385332	1/3/2024 18:41	1/4/2024 9:00	858.9	0
1557676	1/3/2024 18:42	1/4/2024 9:00	857.18	0
1349542	1/3/2024 18:42	1/4/2024 9:00	857.02	0
1310926	1/3/2024 18:42	1/4/2024 9:00	857.02	0
1093889	1/3/2024 18:42	1/4/2024 8:21	819	0
1509486	1/3/2024 18:42	1/4/2024 9:00	857.18	0
627018	1/3/2024 18:43	1/4/2024 9:00	856.9	0
1415828	1/3/2024 18:44	1/4/2024 9:00	855.02	0
319726	1/3/2024 18:44	1/4/2024 9:00	855.75	0
1350975	1/3/2024 18:44	1/4/2024 9:00	855.02	0
1417138	1/3/2024 18:44	1/4/2024 9:00	855.02	0
1509487	1/3/2024 18:45	1/4/2024 9:00	854.18	0
926657	1/3/2024 18:45	1/4/2024 9:00	854.32	0
350346	1/3/2024 18:45	1/4/2024 9:00	854.75	0
1557303	1/3/2024 18:45	1/4/2024 9:00	854.18	0
1664433	1/3/2024 18:46	1/4/2024 9:00	853.32	0
569420	1/3/2024 18:46	1/4/2024 9:00	853.9	0
624953	1/3/2024 18:46	1/4/2024 9:00	853.9	0
1556246	1/3/2024 18:46	1/4/2024 9:00	853.18	0
1412757	1/3/2024 18:46	1/4/2024 9:00	853.02	0
1393699	1/3/2024 18:46	1/4/2024 9:00	853.02	0
1350597	1/3/2024 18:46	1/4/2024 9:00	853.02	0
1348300	1/3/2024 18:46	1/4/2024 9:00	853.02	0
1394324	1/3/2024 18:46	1/4/2024 9:00	853.02	0
416557	1/3/2024 18:46	1/4/2024 9:00	853.9	0
1349338	1/3/2024 18:46	1/4/2024 9:00	853.02	0
1512146	1/3/2024 18:47	1/4/2024 9:00	852.18	0
624628	1/3/2024 18:47	1/4/2024 9:00	852.9	0
971524	1/3/2024 18:47	1/4/2024 9:00	852.9	0
593366	1/3/2024 18:48	1/4/2024 9:00	851.9	0
1524033	1/3/2024 18:49	1/4/2024 9:00	850.18	0
571420	1/3/2024 18:50	1/4/2024 9:00	849.9	0
1350104	1/3/2024 18:50	1/4/2024 9:00	849.02	0
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8668965	1/3/2024 18:50	1/4/2024 9:00	849.9	0
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9063373	1/3/2024 18:50	1/4/2024 9:00	849.02	0
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353651	1/3/2024 18:51	1/4/2024 9:00	848.75	0
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561757	1/3/2024 18:51	1/4/2024 9:00	848.9	0
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197690	1/3/2024 18:51	1/4/2024 9:00	848.75	0
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8734349	1/3/2024 18:52	1/4/2024 9:00	847.02	0
196822	1/3/2024 18:52	1/4/2024 9:00	847.75	0
1351069	1/3/2024 18:52	1/4/2024 9:00	847.02	0
8434548	1/3/2024 18:52	1/4/2024 9:00	847.75	0
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549259	1/3/2024 18:52	1/4/2024 9:00	847.9	0
511223	1/3/2024 18:52	1/4/2024 9:00	847.9	0
325050	1/3/2024 18:52	1/4/2024 9:00	847.75	0
317195	1/3/2024 18:52	1/4/2024 9:00	847.75	0
1349605	1/3/2024 18:52	1/4/2024 9:00	847.02	0
1346410	1/3/2024 18:52	1/4/2024 9:00	847.02	0
315088	1/3/2024 18:52	1/4/2024 9:00	847.75	0
801004	1/3/2024 18:52	1/4/2024 9:00	847.32	0
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486940	1/3/2024 18:52	1/4/2024 9:00	847.9	0
1704232	1/3/2024 18:52	1/4/2024 9:00	847.02	0
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558031	1/3/2024 18:53	1/4/2024 9:00	846.9	0
552210	1/3/2024 18:53	1/4/2024 9:00	846.9	0
498070	1/3/2024 18:53	1/4/2024 9:00	846.9	0
262048	1/3/2024 18:53	1/4/2024 9:00	846.75	0
456084	1/3/2024 18:53	1/4/2024 9:00	846.9	0
314899	1/3/2024 18:53	1/4/2024 9:00	846.75	0
1093833	1/3/2024 18:53	1/4/2024 9:00	846.9	0
593397	1/3/2024 18:53	1/4/2024 9:00	846.9	0
454861	1/3/2024 18:54	1/4/2024 9:00	845.9	0
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314188	1/3/2024 18:54	1/4/2024 9:00	845.75	0
304209	1/3/2024 18:54	1/4/2024 9:00	845.75	0
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47769	1/3/2024 18:54	1/4/2024 9:00	845.75	0
1350598	1/3/2024 18:54	1/4/2024 9:00	845.02	0
564518	1/3/2024 18:55	1/4/2024 9:00	844.9	0
510522	1/3/2024 18:55	1/4/2024 9:00	844.9	0
197561	1/3/2024 18:55	1/4/2024 9:00	844.75	0

99953	1/3/2024 18:55	1/4/2024 9:00	844.75	0
68308	1/3/2024 18:55	1/4/2024 9:00	844.75	0
195839	1/3/2024 18:55	1/4/2024 9:00	844.75	0
315346	1/3/2024 18:55	1/4/2024 9:00	844.75	0
7879030	1/3/2024 18:55	1/4/2024 9:00	844.9	0
1348780	1/3/2024 18:56	1/4/2024 9:00	843.02	0
41508	1/3/2024 18:56	1/4/2024 9:00	843.75	0
281235	1/3/2024 18:56	1/4/2024 9:00	843.75	0
587455	1/3/2024 18:56	1/4/2024 9:00	843.9	0
8590289	1/3/2024 18:56	1/4/2024 9:00	843.9	0
96506	1/3/2024 18:56	1/4/2024 9:00	843.75	0
449377	1/3/2024 18:56	1/3/2024 19:48	52	0
1346671	1/3/2024 18:56	1/4/2024 9:00	843.02	0
1375227	1/3/2024 18:56	1/4/2024 9:00	843.02	0
23566	1/3/2024 18:56	1/4/2024 9:00	843.75	0
1415622	1/3/2024 18:56	1/4/2024 9:00	843.02	0
8910809	1/3/2024 18:56	1/4/2024 9:00	843.9	0
318402	1/3/2024 18:56	1/4/2024 9:00	843.75	0
1556243	1/3/2024 18:56	1/4/2024 9:00	843.18	0
1493132	1/3/2024 18:56	1/4/2024 9:00	843.02	0
274522	1/3/2024 18:56	1/4/2024 9:00	843.75	0
1349083	1/3/2024 18:56	1/4/2024 9:00	843.02	0
1348976	1/3/2024 18:56	1/4/2024 9:00	843.02	0
21306	1/3/2024 18:56	1/4/2024 9:00	843.75	0
627289	1/3/2024 18:56	1/4/2024 9:00	843.9	0
1702895	1/3/2024 18:56	1/4/2024 9:00	843.02	0
456048	1/3/2024 18:56	1/4/2024 9:00	843.9	0
237266	1/3/2024 18:56	1/4/2024 9:00	843.75	0
197883	1/3/2024 18:56	1/4/2024 9:00	843.75	0
1351588	1/3/2024 18:56	1/4/2024 9:00	843.02	0
51483	1/3/2024 18:56	1/4/2024 9:00	843.75	0
1346665	1/3/2024 18:56	1/4/2024 9:00	843.02	0
1349502	1/3/2024 18:56	1/4/2024 9:00	843.02	0
238732	1/3/2024 18:57	1/4/2024 9:00	842.75	0
26864	1/3/2024 18:57	1/4/2024 9:00	842.75	0
280749	1/3/2024 18:57	1/4/2024 9:00	842.75	0
418291	1/3/2024 18:57	1/4/2024 9:00	842.9	0
70277	1/3/2024 18:57	1/4/2024 9:00	842.75	0
196408	1/3/2024 18:57	1/4/2024 9:00	842.75	0
563721	1/3/2024 18:57	1/4/2024 9:00	842.9	0
500145	1/3/2024 18:57	1/4/2024 9:00	842.9	0
8104722	1/3/2024 18:57	1/4/2024 9:00	842.75	0
7178975	1/3/2024 18:57	1/4/2024 9:00	842.75	0
4173986	1/3/2024 18:57	1/4/2024 9:00	842.75	0
574596	1/3/2024 18:57	1/4/2024 9:00	842.9	0
634044	1/3/2024 18:57	1/4/2024 9:00	842.9	0
571847	1/3/2024 18:57	1/4/2024 9:00	842.9	0

279833	1/3/2024 18:57	1/4/2024 9:00	842.75	0
430114	1/3/2024 18:57	1/4/2024 9:00	842.9	0
449036	1/3/2024 18:57	1/4/2024 9:00	842.9	0
275018	1/3/2024 18:57	1/4/2024 9:00	842.75	0
304345	1/3/2024 18:57	1/4/2024 9:00	842.75	0
304785	1/3/2024 18:57	1/4/2024 9:00	842.75	0
8524544	1/3/2024 18:57	1/4/2024 9:00	842.75	0
1672454	1/3/2024 18:58	1/4/2024 9:00	841.9	0
634779	1/3/2024 18:58	1/4/2024 9:00	841.9	0
1494722	1/3/2024 18:58	1/4/2024 9:00	841.02	0
1351539	1/3/2024 18:58	1/4/2024 9:00	841.02	0
328113	1/3/2024 18:58	1/4/2024 9:00	841.75	0
8387677	1/3/2024 18:58	1/4/2024 9:00	841.75	0
455629	1/3/2024 18:58	1/4/2024 9:00	841.9	0
303510	1/3/2024 18:58	1/4/2024 9:00	841.75	0
509233	1/3/2024 18:58	1/4/2024 9:00	841.9	0
29635	1/3/2024 18:58	1/4/2024 9:00	841.75	0
570022	1/3/2024 18:58	1/4/2024 9:00	841.9	0
381982	1/3/2024 18:58	1/4/2024 9:00	841.9	0
10510361	1/3/2024 18:58	1/4/2024 9:00	841.75	0
567126	1/3/2024 18:58	1/4/2024 9:00	841.9	0
275495	1/3/2024 18:58	1/4/2024 9:00	841.75	0
506261	1/3/2024 18:58	1/4/2024 9:00	841.9	0
587024	1/3/2024 18:58	1/4/2024 9:00	841.9	0
317797	1/3/2024 18:58	1/4/2024 9:00	841.75	0
8511623	1/3/2024 18:58	1/4/2024 8:42	824	0
500322	1/3/2024 18:59	1/4/2024 9:00	840.9	0
21820	1/3/2024 18:59	1/4/2024 9:00	840.75	0
281332	1/3/2024 18:59	1/4/2024 9:00	840.75	0
237177	1/3/2024 18:59	1/4/2024 9:00	840.75	0
6995795	1/3/2024 18:59	1/4/2024 9:00	840.9	0
315345	1/3/2024 18:59	1/4/2024 9:00	840.75	0
508593	1/3/2024 18:59	1/4/2024 9:00	840.9	0
507365	1/3/2024 18:59	1/4/2024 9:00	840.9	0
1554218	1/3/2024 18:59	1/4/2024 9:00	840.18	0
645339	1/3/2024 18:59	1/4/2024 9:00	840.9	0
320966	1/3/2024 18:59	1/4/2024 9:00	840.75	0
511266	1/3/2024 18:59	1/4/2024 9:00	840.9	0
1683861	1/3/2024 19:00	1/4/2024 9:00	839.75	0
645144	1/3/2024 19:00	1/4/2024 9:00	839.9	0
281056	1/3/2024 19:00	1/4/2024 9:00	839.75	0
315730	1/3/2024 19:00	1/4/2024 9:00	839.75	0
324249	1/3/2024 19:00	1/4/2024 9:00	839.75	0
523489	1/3/2024 19:00	1/4/2024 9:00	839.75	0
49209	1/3/2024 19:00	1/4/2024 9:00	839.75	0
25066	1/3/2024 19:00	1/4/2024 9:00	839.75	0
174902	1/3/2024 19:00	1/4/2024 9:00	839.75	0

5212517	1/3/2024 19:00	1/4/2024 9:00	839.75	0
454901	1/3/2024 19:01	1/4/2024 9:00	838.9	0
8495805	1/3/2024 19:01	1/4/2024 9:00	838.9	0
97730	1/3/2024 19:01	1/4/2024 9:00	838.75	0
274059	1/3/2024 19:01	1/4/2024 9:00	838.75	0
267537	1/3/2024 19:01	1/4/2024 9:00	838.75	0
304845	1/3/2024 19:01	1/4/2024 9:00	838.75	0
316997	1/3/2024 19:01	1/4/2024 9:00	838.75	0
605186	1/3/2024 19:01	1/4/2024 9:00	838.9	0
304265	1/3/2024 19:01	1/4/2024 9:00	838.75	0
323747	1/3/2024 19:01	1/4/2024 9:00	838.75	0
314945	1/3/2024 19:01	1/4/2024 9:00	838.75	0
350406	1/3/2024 19:02	1/4/2024 9:00	837.75	0
197629	1/3/2024 19:02	1/4/2024 9:00	837.75	0
353082	1/3/2024 19:02	1/4/2024 9:00	837.75	0
315306	1/3/2024 19:02	1/4/2024 9:00	837.75	0
486859	1/3/2024 19:02	1/4/2024 9:00	837.9	0
553755	1/3/2024 19:02	1/4/2024 9:00	837.9	0
197356	1/3/2024 19:02	1/4/2024 9:00	837.75	0
8148103	1/3/2024 19:02	1/4/2024 9:00	837.75	0
601397	1/3/2024 19:02	1/4/2024 9:00	837.9	0
455994	1/3/2024 19:02	1/4/2024 9:00	837.9	0
68620	1/3/2024 19:02	1/4/2024 9:00	837.75	0
323657	1/3/2024 19:02	1/4/2024 9:00	837.75	0
486821	1/3/2024 19:02	1/4/2024 9:00	837.9	0
280780	1/3/2024 19:02	1/4/2024 9:00	837.75	0
569554	1/3/2024 19:03	1/4/2024 9:00	836.9	0
317084	1/3/2024 19:03	1/4/2024 9:00	836.75	0
274125	1/3/2024 19:03	1/4/2024 9:00	836.75	0
8604423	1/3/2024 19:03	1/3/2024 19:24	21	0
317126	1/3/2024 19:03	1/4/2024 9:00	836.75	0
380057	1/3/2024 19:03	1/4/2024 9:00	836.9	0
276488	1/3/2024 19:03	1/4/2024 9:00	836.75	0
7518767	1/3/2024 19:04	1/4/2024 9:00	835.75	0
304295	1/3/2024 19:04	1/4/2024 9:00	835.75	0
8068454	1/3/2024 19:04	1/4/2024 9:00	835.9	0
198082	1/3/2024 19:04	1/4/2024 9:00	835.75	0
1670039	1/3/2024 19:04	1/4/2024 9:00	835.9	0
349467	1/3/2024 19:04	1/4/2024 9:00	835.75	0
280364	1/3/2024 19:05	1/4/2024 9:00	834.75	0
51957	1/3/2024 19:05	1/4/2024 9:00	834.75	0
1081237	1/3/2024 19:05	1/4/2024 9:00	834.85	0
455345	1/3/2024 19:06	1/4/2024 9:00	833.9	0
237312	1/3/2024 19:06	1/4/2024 9:00	833.75	0
549370	1/3/2024 19:06	1/4/2024 9:00	833.9	0
561672	1/3/2024 19:06	1/4/2024 9:00	833.9	0
316971	1/3/2024 19:06	1/4/2024 9:00	833.75	0

8605921	1/3/2024 19:07	1/4/2024 9:00	832.75	0
313269	1/3/2024 19:07	1/4/2024 9:00	832.75	0
353728	1/3/2024 19:07	1/4/2024 9:00	832.75	0
353371	1/3/2024 19:07	1/4/2024 9:00	832.75	0
1680798	1/3/2024 19:07	1/4/2024 9:00	832.75	0
8621797	1/3/2024 19:07	1/4/2024 9:00	832.75	0
642003	1/3/2024 19:07	1/4/2024 9:00	832.9	0
413869	1/3/2024 19:07	1/3/2024 19:26	19	0
8950281	1/3/2024 19:07	1/4/2024 9:00	832.75	0
101426	1/3/2024 19:07	1/4/2024 9:00	832.75	0
69207	1/3/2024 19:08	1/4/2024 9:00	831.75	0
303030	1/3/2024 19:08	1/4/2024 9:00	831.75	0
324045	1/3/2024 19:08	1/4/2024 9:00	831.75	0
24124	1/3/2024 19:08	1/4/2024 9:00	831.75	0
125572	1/3/2024 19:08	1/4/2024 9:00	831.75	0
457978	1/3/2024 19:08	1/4/2024 9:00	831.9	0
9399863	1/3/2024 19:09	1/4/2024 9:00	830.75	0
96751	1/3/2024 19:16	1/4/2024 9:00	823.75	0
8604423	1/3/2024 19:24	1/3/2024 20:16	52	0
413869	1/3/2024 19:26	1/3/2024 19:27	1	0
413869	1/3/2024 19:27	1/3/2024 19:46	19	0
413869	1/3/2024 19:46	1/3/2024 19:47	1	0
413869	1/3/2024 19:47	1/3/2024 20:06	19	0
449377	1/3/2024 19:48	1/3/2024 20:51	63	0
174815	1/3/2024 19:53	1/4/2024 9:00	786.75	0
189581	1/3/2024 19:56	1/4/2024 9:00	783.75	0
509102	1/3/2024 20:03	1/4/2024 9:00	776.9	0
413869	1/3/2024 20:06	1/3/2024 20:07	1	0
413869	1/3/2024 20:07	1/3/2024 20:26	19	0
8604423	1/3/2024 20:16	1/3/2024 20:37	21	0
6828301	1/3/2024 20:20	1/4/2024 9:00	759.75	0
413869	1/3/2024 20:26	1/3/2024 20:27	1	0
413869	1/3/2024 20:27	1/3/2024 21:46	79	0
8604423	1/3/2024 20:37	1/3/2024 21:51	74	0
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7533405	1/3/2024 21:04	1/4/2024 9:00	715.75	0
449377	1/3/2024 21:33	1/3/2024 21:59	26	0
413869	1/3/2024 21:46	1/3/2024 21:47	1	0
413869	1/3/2024 21:47	1/3/2024 22:06	19	0
8604423	1/3/2024 21:51	1/3/2024 22:12	21	0
449377	1/3/2024 21:59	1/3/2024 22:41	42	0
413869	1/3/2024 22:06	1/3/2024 22:07	1	0
413869	1/3/2024 22:07	1/3/2024 22:26	19	0
8604423	1/3/2024 22:12	1/3/2024 22:33	21	0
413869	1/3/2024 22:26	1/3/2024 22:27	1	0
413869	1/3/2024 22:27	1/3/2024 22:46	19	0
8604423	1/3/2024 22:33	1/3/2024 23:31	58	0

449377	1/3/2024 22:41	1/3/2024 23:13	32	0
413869	1/3/2024 22:46	1/3/2024 22:47	1	0
413869	1/3/2024 22:47	1/3/2024 23:06	19	0
413869	1/3/2024 23:06	1/3/2024 23:07	1	0
413869	1/3/2024 23:07	1/3/2024 23:26	19	0
449377	1/3/2024 23:13	1/4/2024 0:16	63	0
413869	1/3/2024 23:26	1/3/2024 23:27	1	0
413869	1/3/2024 23:27	1/4/2024 9:00	572.85	0
8604423	1/3/2024 23:31	1/3/2024 23:46	15	0
8604423	1/3/2024 23:46	1/4/2024 0:07	21	0
8604423	1/4/2024 0:07	1/4/2024 0:34	27	0
449377	1/4/2024 0:16	1/4/2024 0:32	16	0
449377	1/4/2024 0:32	1/4/2024 1:35	63	0
8604423	1/4/2024 0:34	1/4/2024 0:55	21	0
8604423	1/4/2024 0:55	1/4/2024 1:21	26	0
8604423	1/4/2024 1:21	1/4/2024 1:47	26	0
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8604423	1/4/2024 1:47	1/4/2024 2:34	47	0
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449377	1/4/2024 2:27	1/4/2024 2:48	21	0
8604423	1/4/2024 2:34	1/4/2024 3:58	84	0
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8604423	1/4/2024 3:58	1/4/2024 4:19	21	0
449377	1/4/2024 4:07	1/4/2024 4:49	42	0
8604423	1/4/2024 4:19	1/4/2024 6:04	105	0
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1433697	1/4/2024 4:39	1/4/2024 4:40	1	0
1433697	1/4/2024 4:40	1/4/2024 4:59	19	0
449377	1/4/2024 4:49	1/4/2024 5:52	63	0
1433697	1/4/2024 4:59	1/4/2024 5:00	1	0
1433697	1/4/2024 5:00	1/4/2024 5:19	19	0
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1433697	1/4/2024 5:20	1/4/2024 5:39	19	0
1433697	1/4/2024 5:39	1/4/2024 5:40	1	0
1433697	1/4/2024 5:40	1/4/2024 5:59	19	0
449377	1/4/2024 5:52	1/4/2024 6:19	27	0
1433697	1/4/2024 5:59	1/4/2024 6:00	1	0
1433697	1/4/2024 6:00	1/4/2024 6:19	19	0
8604423	1/4/2024 6:04	1/4/2024 7:07	63	0
449377	1/4/2024 6:19	1/4/2024 7:11	52	0
1433697	1/4/2024 6:19	1/4/2024 6:20	1	0
1433697	1/4/2024 6:20	1/4/2024 6:39	19	0
1433697	1/4/2024 6:39	1/4/2024 6:40	1	0
1433697	1/4/2024 6:40	1/4/2024 6:59	19	0
1433697	1/4/2024 6:59	1/4/2024 7:00	1	0
1433697	1/4/2024 7:00	1/4/2024 7:19	19	0
8604423	1/4/2024 7:07	1/4/2024 8:00	53	0

449377	1/4/2024 7:11	1/4/2024 7:43	32	0
1433697	1/4/2024 7:19	1/4/2024 7:20	1	0
1433697	1/4/2024 7:20	1/4/2024 7:39	19	0
1433697	1/4/2024 7:39	1/4/2024 7:40	1	0
1433697	1/4/2024 7:40	1/4/2024 7:59	19	0
449377	1/4/2024 7:43	1/4/2024 8:35	52	0
1433348	1/4/2024 7:53	1/4/2024 9:00	66.18	0
1444809	1/4/2024 7:53	1/4/2024 9:00	66.18	0
1432940	1/4/2024 7:53	1/4/2024 9:00	66.18	0
1376158	1/4/2024 7:58	1/4/2024 9:00	61.02	0
1433697	1/4/2024 7:59	1/4/2024 8:00	1	0
8604423	1/4/2024 8:00	1/4/2024 9:00	59.9	0
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1093889	1/4/2024 8:21	1/4/2024 9:00	38.9	0
1466638	1/4/2024 8:22	1/4/2024 9:00	37.18	0
1445317	1/4/2024 8:26	1/4/2024 9:00	33.18	0
306565	1/4/2024 8:30	1/4/2024 9:00	29.75	0
307661	1/4/2024 8:31	1/4/2024 9:00	28.75	0
7902724	1/4/2024 8:33	1/4/2024 9:00	26.75	0
449377	1/4/2024 8:35	1/4/2024 9:00	24.9	0
1433697	1/4/2024 8:39	1/4/2024 8:40	1	0
1433697	1/4/2024 8:40	1/4/2024 9:00	19.85	0
8511623	1/4/2024 8:42	1/4/2024 9:00	17.75	0
1433348	1/4/2024 9:00	1/4/2024 19:05	605	0
1333801	1/4/2024 9:00	1/4/2024 11:54	174	0
8766703	1/4/2024 9:00	1/5/2024 9:00	1439.18	0
1552447	1/4/2024 9:00	1/5/2024 9:00	1439.18	0
982261	1/4/2024 9:00	1/4/2024 19:06	606	0
353728	1/4/2024 9:00	1/5/2024 9:00	1439.75	0
174815	1/4/2024 9:00	1/4/2024 14:20	320	0
8668965	1/4/2024 9:00	1/4/2024 10:52	112	0
1513541	1/4/2024 9:00	1/5/2024 9:00	1439.18	0
1516786	1/4/2024 9:00	1/5/2024 9:00	1439.18	0
509233	1/4/2024 9:00	1/4/2024 11:25	145	0
1609222	1/4/2024 9:00	1/4/2024 10:01	61	0
574993	1/4/2024 9:00	1/4/2024 10:24	84	0
979888	1/4/2024 9:00	1/4/2024 11:31	151	0
25066	1/4/2024 9:00	1/4/2024 11:43	163	0
880278	1/4/2024 9:01	1/4/2024 18:55	594	0
456048	1/4/2024 9:02	1/4/2024 19:05	603	0
1493132	1/4/2024 9:02	1/4/2024 19:10	608	0.08
8910809	1/4/2024 9:02	1/4/2024 19:00	598	0
1453263	1/4/2024 9:06	1/4/2024 11:23	137	0
1552990	1/4/2024 9:07	1/5/2024 9:00	1432.18	0
1433697	1/4/2024 9:08	1/4/2024 10:08	60	0

1394324	1/4/2024 9:08	1/4/2024 11:34	146	0
319279	1/4/2024 9:08	1/5/2024 9:00	1431.75	0
195216	1/4/2024 9:08	1/4/2024 11:09	121	0
237177	1/4/2024 9:09	1/5/2024 9:00	1430.75	0
1432940	1/4/2024 9:11	1/4/2024 18:59	588	0
1445317	1/4/2024 9:11	1/4/2024 19:01	590	0
1444809	1/4/2024 9:12	1/4/2024 19:00	588	0.27
23566	1/4/2024 9:15	1/4/2024 18:59	584	0
349467	1/4/2024 9:15	1/4/2024 19:08	593	0
350517	1/4/2024 9:15	1/4/2024 19:03	588	0
8605921	1/4/2024 9:15	1/4/2024 19:14	599	0.13
1376158	1/4/2024 9:16	1/4/2024 19:04	588	0
1557303	1/4/2024 9:16	1/4/2024 12:20	184	0
350346	1/4/2024 9:17	1/4/2024 19:00	583	0
1595351	1/4/2024 9:18	1/5/2024 8:59	1421	0
1557188	1/4/2024 9:18	1/4/2024 12:21	183	0
833273	1/4/2024 9:19	1/4/2024 14:24	305	0
1554218	1/4/2024 9:20	1/4/2024 19:08	588	0
1466638	1/4/2024 9:20	1/4/2024 11:36	136	0
1093722	1/4/2024 9:21	1/5/2024 8:22	1381	0
7902724	1/4/2024 9:21	1/4/2024 11:37	136	0
831896	1/4/2024 9:21	1/4/2024 14:26	305	0
539938	1/4/2024 9:22	1/4/2024 19:03	581	0
1321605	1/4/2024 9:22	1/4/2024 18:50	568	0.04
1465703	1/4/2024 9:23	1/4/2024 11:39	136	0
830018	1/4/2024 9:23	1/4/2024 14:22	299	0
8511623	1/4/2024 9:24	1/4/2024 14:13	289	0
1093889	1/4/2024 9:24	1/4/2024 18:58	574	0
1393699	1/4/2024 9:28	1/4/2024 11:44	136	0
887599	1/4/2024 9:28	1/4/2024 19:06	578	0
306565	1/4/2024 9:28	1/4/2024 11:29	121	0
1494722	1/4/2024 9:30	1/4/2024 11:40	130	0
1394365	1/4/2024 9:32	1/4/2024 11:32	120	0
9063373	1/4/2024 9:32	1/4/2024 11:34	122	0
275018	1/4/2024 9:34	1/4/2024 19:03	569	0
1417138	1/4/2024 9:36	1/4/2024 19:04	568	0
317233	1/4/2024 9:37	1/4/2024 18:59	562	0.1
315345	1/4/2024 9:40	1/4/2024 19:02	562	0
317797	1/4/2024 9:42	1/4/2024 19:04	562	0
315346	1/4/2024 9:43	1/4/2024 19:00	557	0
1343695	1/4/2024 9:46	1/4/2024 10:44	58	0
314188	1/4/2024 9:47	1/4/2024 10:03	16	0
7178975	1/4/2024 9:48	1/4/2024 10:04	16	0
1609551	1/4/2024 9:48	1/5/2024 9:00	1391.18	0
981933	1/4/2024 9:48	1/4/2024 18:59	551	0
859747	1/4/2024 9:49	1/4/2024 11:34	105	0
860281	1/4/2024 9:49	1/4/2024 11:34	105	0

315169	1/4/2024 9:49	1/4/2024 10:05	16	0
1609484	1/4/2024 9:50	1/4/2024 11:03	73	0
314945	1/4/2024 9:53	1/4/2024 19:05	552	0.2
1509487	1/4/2024 9:54	1/4/2024 19:04	550	0
510974	1/4/2024 9:54	1/4/2024 19:00	546	0
317195	1/4/2024 9:55	1/4/2024 19:01	546	0.02
1509486	1/4/2024 9:56	1/4/2024 19:07	551	0
1375227	1/4/2024 9:58	1/4/2024 19:04	546	0
1406535	1/4/2024 9:58	1/4/2024 19:04	546	0
1405290	1/4/2024 10:00	1/4/2024 18:28	508	0
1609222	1/4/2024 10:01	1/4/2024 19:07	546	0
65553	1/4/2024 10:01	1/5/2024 9:00	1378.75	0
49209	1/4/2024 10:02	1/4/2024 19:11	549	0
47769	1/4/2024 10:02	1/4/2024 18:59	537	0
314188	1/4/2024 10:03	1/4/2024 19:03	540	0
1610090	1/4/2024 10:04	1/4/2024 18:59	535	0
7178975	1/4/2024 10:04	1/4/2024 19:09	545	0.07
852125	1/4/2024 10:04	1/4/2024 11:33	89	0
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1553245	1/4/2024 10:05	1/4/2024 18:55	530	0
852071	1/4/2024 10:05	1/4/2024 11:34	89	0
315169	1/4/2024 10:05	1/4/2024 19:06	541	0
500173	1/4/2024 10:05	1/4/2024 19:00	535	0.53
601397	1/4/2024 10:05	1/4/2024 15:10	305	0
1550318	1/4/2024 10:06	1/4/2024 19:07	541	0
498070	1/4/2024 10:07	1/4/2024 19:03	536	0
1320008	1/4/2024 10:08	1/4/2024 18:54	526	0
1433697	1/4/2024 10:08	1/4/2024 10:09	1	0
324249	1/4/2024 10:09	1/4/2024 10:24	15	0
1433697	1/4/2024 10:09	1/4/2024 10:28	19	0
643812	1/4/2024 10:09	1/4/2024 14:10	241	0
1515733	1/4/2024 10:09	1/4/2024 19:05	536	0
323747	1/4/2024 10:09	1/5/2024 9:00	1370.75	0
643434	1/4/2024 10:09	1/4/2024 14:10	241	0
316997	1/4/2024 10:09	1/4/2024 19:10	541	0
323657	1/4/2024 10:10	1/4/2024 10:21	11	0
1309098	1/4/2024 10:10	1/4/2024 19:00	530	0.09
644030	1/4/2024 10:10	1/4/2024 19:06	536	0
8148103	1/4/2024 10:10	1/4/2024 19:11	541	0
605186	1/4/2024 10:10	1/4/2024 19:10	540	0
381982	1/4/2024 10:11	1/4/2024 19:07	536	0
353082	1/4/2024 10:11	1/4/2024 10:26	15	0
29635	1/4/2024 10:11	1/4/2024 11:25	74	0
315306	1/4/2024 10:11	1/4/2024 19:11	540	0.11
345647	1/4/2024 10:11	1/4/2024 19:12	541	0
380057	1/4/2024 10:12	1/4/2024 19:08	536	0
6761269	1/4/2024 10:12	1/4/2024 18:35	503	0

1310926	1/4/2024 10:12	1/4/2024 19:06	534	0
304295	1/4/2024 10:12	1/4/2024 11:46	94	0
6995795	1/4/2024 10:13	1/4/2024 19:08	535	0
1671958	1/4/2024 10:14	1/4/2024 11:43	89	0
346967	1/4/2024 10:14	1/4/2024 19:09	535	0
160073	1/4/2024 10:15	1/4/2024 18:54	519	0
418876	1/4/2024 10:15	1/4/2024 11:45	90	0
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417158	1/4/2024 10:15	1/4/2024 11:45	90	0
342796	1/4/2024 10:15	1/4/2024 19:00	525	0
353651	1/4/2024 10:16	1/4/2024 10:31	15	0
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304785	1/4/2024 10:16	1/4/2024 11:46	90	0
304845	1/4/2024 10:16	1/4/2024 19:10	534	0
8621797	1/4/2024 10:17	1/4/2024 11:47	90	0
7879030	1/4/2024 10:17	1/4/2024 19:02	525	0
274125	1/4/2024 10:19	1/4/2024 19:08	529	0
504858	1/4/2024 10:19	1/4/2024 19:04	525	0
197883	1/4/2024 10:20	1/4/2024 19:05	525	0
8495805	1/4/2024 10:20	1/4/2024 19:10	530	0
197629	1/4/2024 10:20	1/4/2024 19:10	530	0.15
1412757	1/4/2024 10:20	1/4/2024 19:06	526	0
323657	1/4/2024 10:21	1/4/2024 11:55	94	0
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196408	1/4/2024 10:21	1/4/2024 19:00	519	0.06
195839	1/4/2024 10:22	1/4/2024 20:11	589	0
561757	1/4/2024 10:23	1/4/2024 11:09	46	0
558031	1/4/2024 10:23	1/4/2024 11:05	42	0
274059	1/4/2024 10:24	1/4/2024 19:05	521	0.03
574993	1/4/2024 10:24	1/4/2024 10:29	5	0
324249	1/4/2024 10:24	1/4/2024 19:09	525	0
353082	1/4/2024 10:26	1/4/2024 14:12	226	0
1433697	1/4/2024 10:28	1/4/2024 10:29	1	0
1576533	1/4/2024 10:29	1/4/2024 19:59	570	0
574993	1/4/2024 10:29	1/5/2024 9:00	1350.9	0
1433697	1/4/2024 10:29	1/4/2024 10:48	19	0
1430294	1/4/2024 10:30	1/4/2024 19:04	514	0
353371	1/4/2024 10:31	1/4/2024 19:10	519	0
353651	1/4/2024 10:31	1/4/2024 14:16	225	0
486821	1/4/2024 10:33	1/4/2024 11:36	63	0
997397	1/4/2024 10:34	1/4/2024 18:52	498	0
995564	1/4/2024 10:34	1/4/2024 14:30	236	0
1683861	1/4/2024 10:36	1/4/2024 19:11	515	0.05
1664433	1/4/2024 10:36	1/4/2024 19:05	509	0
486940	1/4/2024 10:36	1/4/2024 11:34	58	0

324290	1/4/2024 10:36	1/4/2024 11:55	79	0
801004	1/4/2024 10:37	1/4/2024 19:01	504	0
197561	1/4/2024 10:37	1/4/2024 19:01	504	0
510307	1/4/2024 10:37	1/4/2024 18:56	499	0.05
325050	1/4/2024 10:37	1/4/2024 11:50	73	0
507365	1/4/2024 10:40	1/4/2024 19:04	504	0
800576	1/4/2024 10:40	1/4/2024 18:54	494	0
511266	1/4/2024 10:40	1/4/2024 19:09	509	0
800590	1/4/2024 10:41	1/4/2024 18:58	497	0
800588	1/4/2024 10:41	1/4/2024 18:54	493	0
800600	1/4/2024 10:41	1/4/2024 19:00	499	0
553755	1/4/2024 10:42	1/4/2024 19:05	503	0.07
1343695	1/4/2024 10:44	1/4/2024 11:16	32	0
1378128	1/4/2024 10:46	1/4/2024 19:02	496	0
1433697	1/4/2024 10:48	1/4/2024 10:49	1	0
1433697	1/4/2024 10:49	1/4/2024 11:08	19	0
1416360	1/4/2024 10:50	1/4/2024 19:08	498	0
1415828	1/4/2024 10:50	1/4/2024 19:04	494	0
8668965	1/4/2024 10:52	1/4/2024 18:54	482	0
8524544	1/4/2024 10:52	1/4/2024 19:06	494	0.1
574596	1/4/2024 10:53	1/4/2024 19:03	490	0
324045	1/4/2024 10:53	1/4/2024 11:51	58	0
552210	1/4/2024 10:54	1/4/2024 14:24	210	0
8387677	1/4/2024 10:54	1/4/2024 11:10	16	0
645339	1/4/2024 10:54	1/4/2024 14:07	193	0
313269	1/4/2024 10:57	1/4/2024 19:10	493	0
1597556	1/4/2024 10:57	1/4/2024 19:00	483	0.33
1599209	1/4/2024 10:57	1/4/2024 18:55	478	0
378229	1/4/2024 10:58	1/4/2024 19:11	493	0
1378273	1/4/2024 11:00	1/4/2024 18:54	474	0
1556243	1/4/2024 11:02	1/4/2024 11:33	31	0
10628562	1/4/2024 11:02	1/4/2024 19:05	483	0
563721	1/4/2024 11:03	1/4/2024 14:33	210	0
1556246	1/4/2024 11:03	1/4/2024 11:35	32	0
1609484	1/4/2024 11:03	1/4/2024 11:19	16	0
1557676	1/4/2024 11:03	1/4/2024 11:35	32	0.09
70866	1/4/2024 11:03	1/5/2024 9:00	1316.75	0
9524954	1/4/2024 11:04	1/4/2024 19:04	480	0.46
196965	1/4/2024 11:04	1/4/2024 19:01	477	0.12
1609415	1/4/2024 11:05	1/4/2024 19:05	480	0
558031	1/4/2024 11:05	1/4/2024 19:03	478	0
267537	1/4/2024 11:07	1/4/2024 19:10	483	0.18
10659831	1/4/2024 11:08	1/4/2024 19:06	478	0
1433697	1/4/2024 11:08	1/4/2024 11:09	1	0
198082	1/4/2024 11:08	1/5/2024 9:00	1311.75	0
8104722	1/4/2024 11:08	1/4/2024 15:13	245	0
196822	1/4/2024 11:08	1/5/2024 9:00	1311.75	0

1320646	1/4/2024 11:08	1/4/2024 19:00	472	0
646026	1/4/2024 11:08	1/4/2024 14:11	183	0
197356	1/4/2024 11:08	1/4/2024 19:09	481	0
318402	1/4/2024 11:08	1/4/2024 14:38	210	0
549259	1/4/2024 11:09	1/4/2024 11:46	37	0
10510361	1/4/2024 11:09	1/4/2024 14:39	210	0
1433697	1/4/2024 11:09	1/4/2024 11:28	19	0
317084	1/4/2024 11:09	1/4/2024 14:39	210	0
561757	1/4/2024 11:09	1/4/2024 19:02	473	0
195216	1/4/2024 11:09	1/4/2024 17:33	384	0
1332906	1/4/2024 11:10	1/4/2024 18:52	462	0
314899	1/4/2024 11:10	1/4/2024 14:35	205	0
8387677	1/4/2024 11:10	1/4/2024 19:02	472	0
645144	1/4/2024 11:10	1/4/2024 14:10	180	0
523489	1/4/2024 11:11	1/4/2024 14:36	205	0
1027973	1/4/2024 11:12	1/4/2024 14:31	199	0
8495802	1/4/2024 11:13	1/4/2024 11:45	32	0
1565203	1/4/2024 11:13	1/4/2024 19:04	471	0
1378582	1/4/2024 11:14	1/4/2024 18:58	464	0
10371746	1/4/2024 11:14	1/4/2024 19:02	468	0
328113	1/4/2024 11:14	1/4/2024 14:34	200	0.1
1393633	1/4/2024 11:14	1/4/2024 11:44	30	0
303510	1/4/2024 11:15	1/4/2024 19:07	472	0
1343695	1/4/2024 11:16	1/4/2024 13:32	136	0
1320619	1/4/2024 11:16	1/4/2024 18:56	460	0
1515964	1/4/2024 11:16	1/4/2024 11:31	15	0
1556486	1/4/2024 11:17	1/4/2024 11:33	16	0
449036	1/4/2024 11:17	1/4/2024 11:33	16	0
51957	1/4/2024 11:17	1/4/2024 11:49	32	0
1431804	1/4/2024 11:17	1/4/2024 18:59	462	0
1395587	1/4/2024 11:18	1/4/2024 18:56	458	0
1595324	1/4/2024 11:18	1/4/2024 19:00	462	0
259674	1/4/2024 11:18	1/4/2024 19:00	462	0
65245	1/4/2024 11:18	1/4/2024 11:32	14	0
350406	1/4/2024 11:18	1/4/2024 19:06	468	0
8950281	1/4/2024 11:18	1/4/2024 19:10	472	0
304209	1/4/2024 11:19	1/4/2024 19:01	462	0
449377	1/4/2024 11:19	1/4/2024 12:06	47	0
1556565	1/4/2024 11:19	1/4/2024 11:35	16	0
1556352	1/4/2024 11:19	1/4/2024 12:22	63	0.09
1609484	1/4/2024 11:19	1/4/2024 19:01	462	0
854579	1/4/2024 11:19	1/4/2024 11:51	32	0
7518767	1/4/2024 11:19	1/4/2024 19:11	472	0
51483	1/4/2024 11:20	1/4/2024 19:05	465	0
197690	1/4/2024 11:21	1/4/2024 19:03	462	0
509102	1/4/2024 11:22	1/4/2024 19:10	468	0
1453263	1/4/2024 11:23	1/4/2024 14:11	168	0

1456419	1/4/2024 11:23	1/4/2024 14:11	168	0
510522	1/4/2024 11:23	1/4/2024 19:01	458	0
8590289	1/4/2024 11:23	1/4/2024 19:05	462	0
506261	1/4/2024 11:24	1/4/2024 19:00	456	0
8486022	1/4/2024 11:24	1/4/2024 19:06	462	0
509233	1/4/2024 11:25	1/4/2024 19:07	462	0
511223	1/4/2024 11:25	1/4/2024 19:01	456	0
29635	1/4/2024 11:25	1/4/2024 14:29	184	0
375655	1/4/2024 11:26	1/5/2024 9:00	1293.9	0
375117	1/4/2024 11:26	1/5/2024 9:00	1293.9	0
381338	1/4/2024 11:27	1/4/2024 19:09	462	0
373278	1/4/2024 11:27	1/5/2024 9:00	1292.9	0
1446401	1/4/2024 11:27	1/4/2024 18:57	450	0
24124	1/4/2024 11:27	1/4/2024 14:41	194	0
373273	1/4/2024 11:27	1/5/2024 9:00	1292.9	0
1433697	1/4/2024 11:28	1/4/2024 11:29	1	0
188639	1/4/2024 11:28	1/4/2024 14:05	157	0.02
25674	1/4/2024 11:29	1/4/2024 14:43	194	0
373050	1/4/2024 11:29	1/5/2024 9:00	1290.9	0
306565	1/4/2024 11:29	1/4/2024 11:45	16	0
1433697	1/4/2024 11:29	1/4/2024 11:48	19	0
593366	1/4/2024 11:30	1/4/2024 19:00	450	0
979888	1/4/2024 11:31	1/4/2024 12:03	32	0
1515964	1/4/2024 11:31	1/4/2024 12:03	32	0
65245	1/4/2024 11:32	1/4/2024 14:32	180	0
593397	1/4/2024 11:32	1/4/2024 19:03	451	0
1394365	1/4/2024 11:32	1/4/2024 13:18	106	0
1556486	1/4/2024 11:33	1/4/2024 12:20	47	0
1556243	1/4/2024 11:33	1/4/2024 12:21	48	0
449036	1/4/2024 11:33	1/4/2024 19:01	448	0
852125	1/4/2024 11:33	1/4/2024 11:49	16	0
9063373	1/4/2024 11:34	1/4/2024 13:18	104	0
486940	1/4/2024 11:34	1/4/2024 13:19	105	0
1394324	1/4/2024 11:34	1/4/2024 13:20	106	0
859747	1/4/2024 11:34	1/4/2024 11:50	16	0
852071	1/4/2024 11:34	1/4/2024 11:50	16	0
860281	1/4/2024 11:34	1/4/2024 11:49	15	0
1556246	1/4/2024 11:35	1/4/2024 12:22	47	0
1556565	1/4/2024 11:35	1/4/2024 12:22	47	0
593798	1/4/2024 11:35	1/4/2024 18:55	440	0
1557676	1/4/2024 11:35	1/4/2024 12:17	42	0
1412123	1/4/2024 11:36	1/4/2024 14:22	166	0
1466638	1/4/2024 11:36	1/4/2024 12:08	32	0
486821	1/4/2024 11:36	1/4/2024 13:21	105	0
1520371	1/4/2024 11:37	1/4/2024 12:09	32	0
455994	1/4/2024 11:37	1/4/2024 19:10	453	0
7902724	1/4/2024 11:37	1/4/2024 19:09	452	0

1465703	1/4/2024 11:39	1/4/2024 19:10	451	0
1521655	1/4/2024 11:40	1/4/2024 19:06	446	0
1519179	1/4/2024 11:40	1/4/2024 12:11	31	0
1494722	1/4/2024 11:40	1/4/2024 12:44	64	0.04
611363	1/4/2024 11:41	1/5/2024 9:00	1278.9	0
1521914	1/4/2024 11:41	1/4/2024 12:08	27	0
1521303	1/4/2024 11:41	1/4/2024 12:10	29	0
174902	1/4/2024 11:41	1/4/2024 20:51	550	0
1519715	1/4/2024 11:42	1/4/2024 12:08	26	0
1671958	1/4/2024 11:43	1/4/2024 11:59	16	0
25066	1/4/2024 11:43	1/4/2024 11:59	16	0
26864	1/4/2024 11:44	1/4/2024 19:11	447	0
1393633	1/4/2024 11:44	1/4/2024 12:42	58	0.08
1393699	1/4/2024 11:44	1/4/2024 12:42	58	0
417158	1/4/2024 11:45	1/4/2024 12:00	15	0
306565	1/4/2024 11:45	1/4/2024 12:00	15	0
8495802	1/4/2024 11:45	1/4/2024 14:33	168	0.11
418876	1/4/2024 11:45	1/4/2024 12:01	16	0
549259	1/4/2024 11:46	1/4/2024 18:57	431	0
304785	1/4/2024 11:46	1/4/2024 19:06	440	0
456084	1/4/2024 11:46	1/4/2024 12:02	16	0
304295	1/4/2024 11:46	1/4/2024 12:02	16	0
8621797	1/4/2024 11:47	1/4/2024 12:02	15	0
7533405	1/4/2024 11:47	1/4/2024 12:02	15	0
1433697	1/4/2024 11:48	1/4/2024 11:49	1	0
852125	1/4/2024 11:49	1/4/2024 12:36	47	0
860281	1/4/2024 11:49	1/4/2024 12:05	16	0
51957	1/4/2024 11:49	1/4/2024 12:05	16	0
1433697	1/4/2024 11:49	1/4/2024 12:08	19	0
325050	1/4/2024 11:50	1/4/2024 13:20	90	0
859747	1/4/2024 11:50	1/4/2024 12:06	16	0
852071	1/4/2024 11:50	1/4/2024 12:21	31	0
642003	1/4/2024 11:51	1/4/2024 14:23	152	0
854579	1/4/2024 11:51	1/4/2024 12:22	31	0
324045	1/4/2024 11:51	1/4/2024 13:20	89	0
1333801	1/4/2024 11:54	1/4/2024 18:54	420	0
323657	1/4/2024 11:55	1/4/2024 19:11	436	0
324290	1/4/2024 11:55	1/4/2024 13:55	120	0
1671958	1/4/2024 11:59	1/4/2024 12:15	16	0
25066	1/4/2024 11:59	1/4/2024 19:09	430	0
5212517	1/4/2024 11:59	1/5/2024 9:00	1260.75	0
417158	1/4/2024 12:00	1/4/2024 12:16	16	0
306565	1/4/2024 12:00	1/4/2024 14:44	164	0
418876	1/4/2024 12:01	1/4/2024 12:16	15	0
304295	1/4/2024 12:02	1/4/2024 14:17	135	0
456084	1/4/2024 12:02	1/4/2024 13:05	63	0
980398	1/4/2024 12:02	1/4/2024 12:17	15	0

7533405	1/4/2024 12:02	1/4/2024 14:13	131	0
8621797	1/4/2024 12:02	1/4/2024 19:13	431	0
1515964	1/4/2024 12:03	1/4/2024 12:46	43	0
979888	1/4/2024 12:03	1/4/2024 18:57	414	0
860281	1/4/2024 12:05	1/5/2024 9:00	1254.32	0
51957	1/4/2024 12:05	1/4/2024 19:09	424	0
859747	1/4/2024 12:06	1/5/2024 9:00	1253.32	0
449377	1/4/2024 12:06	1/4/2024 13:08	62	0
1521914	1/4/2024 12:08	1/4/2024 19:07	419	0
1433697	1/4/2024 12:08	1/4/2024 12:09	1	0
1519715	1/4/2024 12:08	1/4/2024 19:07	419	0
1493766	1/4/2024 12:08	1/4/2024 19:04	416	0
1466638	1/4/2024 12:08	1/5/2024 8:24	1216	0
1524033	1/4/2024 12:08	1/4/2024 14:55	167	0.02
1433697	1/4/2024 12:09	1/4/2024 12:28	19	0
1520371	1/4/2024 12:09	1/4/2024 19:02	413	0
1521303	1/4/2024 12:10	1/4/2024 19:08	418	0
1523524	1/4/2024 12:11	1/4/2024 19:06	415	0
1519179	1/4/2024 12:11	1/4/2024 19:06	415	0
1385122	1/4/2024 12:12	1/4/2024 19:04	412	0
1385431	1/4/2024 12:12	1/4/2024 19:02	410	0
1671958	1/4/2024 12:15	1/4/2024 14:15	120	0
417158	1/4/2024 12:16	1/5/2024 9:00	1243.9	0
418876	1/4/2024 12:16	1/4/2024 14:21	125	0
980398	1/4/2024 12:17	1/5/2024 9:00	1242.18	0
1557676	1/4/2024 12:17	1/4/2024 15:05	168	0
1557303	1/4/2024 12:20	1/4/2024 19:04	404	0
1556486	1/4/2024 12:20	1/4/2024 15:03	163	0
1556243	1/4/2024 12:21	1/4/2024 15:03	162	0
627289	1/4/2024 12:21	1/4/2024 14:07	106	0
626477	1/4/2024 12:21	1/5/2024 9:00	1238.9	0
852071	1/4/2024 12:21	1/5/2024 9:00	1238.32	0
1557188	1/4/2024 12:21	1/4/2024 15:04	163	0
624953	1/4/2024 12:21	1/4/2024 14:06	105	0
1556565	1/4/2024 12:22	1/4/2024 15:05	163	0
624716	1/4/2024 12:22	1/5/2024 9:00	1237.9	0
1556352	1/4/2024 12:22	1/4/2024 15:04	162	0
854579	1/4/2024 12:22	1/4/2024 19:01	399	0
1556246	1/4/2024 12:22	1/4/2024 15:05	163	0
971524	1/4/2024 12:22	1/4/2024 14:07	105	0
624628	1/4/2024 12:22	1/4/2024 14:07	105	0
627018	1/4/2024 12:23	1/4/2024 14:08	105	0
1350598	1/4/2024 12:24	1/4/2024 15:28	184	0
1350104	1/4/2024 12:24	1/4/2024 12:42	18	0
1348444	1/4/2024 12:24	1/4/2024 15:44	200	0
1349083	1/4/2024 12:26	1/5/2024 9:00	1233.02	0
1351588	1/4/2024 12:26	1/4/2024 12:42	16	0

1349766	1/4/2024 12:26	1/5/2024 9:00	1233.02	0
1349502	1/4/2024 12:26	1/4/2024 15:24	178	0
240045	1/4/2024 12:27	1/4/2024 19:06	399	0.05
1351069	1/4/2024 12:28	1/5/2024 9:00	1231.02	0
1433697	1/4/2024 12:28	1/4/2024 12:29	1	0
1348976	1/4/2024 12:28	1/4/2024 19:12	404	0
1433697	1/4/2024 12:29	1/4/2024 12:48	19	0
852125	1/4/2024 12:36	1/5/2024 9:00	1223.32	0
675499	1/4/2024 12:39	1/5/2024 9:00	1220.32	0
1393699	1/4/2024 12:42	1/4/2024 19:00	378	0
1351588	1/4/2024 12:42	1/4/2024 15:26	164	0
1350104	1/4/2024 12:42	1/4/2024 15:24	162	0
1393633	1/4/2024 12:42	1/4/2024 14:44	122	0
1494722	1/4/2024 12:44	1/4/2024 13:42	58	0
1515964	1/4/2024 12:46	1/4/2024 15:02	136	0
1433697	1/4/2024 12:48	1/4/2024 12:49	1	0
1433697	1/4/2024 12:49	1/4/2024 13:08	19	0
456084	1/4/2024 13:05	1/5/2024 9:00	1194.9	0
1321750	1/4/2024 13:06	1/5/2024 9:00	1193.02	0
449377	1/4/2024 13:08	1/4/2024 13:19	11	0
1433697	1/4/2024 13:08	1/4/2024 13:09	1	0
1433697	1/4/2024 13:09	1/4/2024 13:28	19	0
1325985	1/4/2024 13:14	1/5/2024 9:00	1185.02	0
9063373	1/4/2024 13:18	1/4/2024 13:50	32	0
1394365	1/4/2024 13:18	1/4/2024 13:50	32	0
449377	1/4/2024 13:19	1/4/2024 13:46	27	0
486940	1/4/2024 13:19	1/4/2024 14:22	63	0
324045	1/4/2024 13:20	1/4/2024 14:23	63	0
1394324	1/4/2024 13:20	1/4/2024 13:50	30	0
325050	1/4/2024 13:20	1/4/2024 13:51	31	0
580808	1/4/2024 13:21	1/4/2024 14:24	63	0
486821	1/4/2024 13:21	1/4/2024 14:19	58	0
486859	1/4/2024 13:21	1/4/2024 14:20	59	0
1433697	1/4/2024 13:28	1/4/2024 13:29	1	0
1433697	1/4/2024 13:29	1/4/2024 13:48	19	0
1343695	1/4/2024 13:32	1/4/2024 18:52	320	0
1494722	1/4/2024 13:42	1/4/2024 14:14	32	0
449377	1/4/2024 13:46	1/4/2024 14:07	21	0
1433697	1/4/2024 13:48	1/4/2024 13:49	1	0
1433697	1/4/2024 13:49	1/4/2024 14:08	19	0
926657	1/4/2024 13:49	1/4/2024 14:21	32	0
1394324	1/4/2024 13:50	1/4/2024 14:16	26	0
9063373	1/4/2024 13:50	1/4/2024 14:22	32	0
1394365	1/4/2024 13:50	1/4/2024 14:22	32	0
325050	1/4/2024 13:51	1/4/2024 14:07	16	0
324290	1/4/2024 13:55	1/4/2024 19:00	305	0
188639	1/4/2024 14:05	1/4/2024 14:42	37	0

624953	1/4/2024 14:06	1/4/2024 14:22	16	0
624628	1/4/2024 14:07	1/4/2024 14:23	16	0
1081237	1/4/2024 14:07	1/4/2024 19:11	304	0
449377	1/4/2024 14:07	1/4/2024 16:02	115	0
645339	1/4/2024 14:07	1/4/2024 14:22	15	0
971524	1/4/2024 14:07	1/4/2024 14:23	16	0
325050	1/4/2024 14:07	1/4/2024 14:23	16	0
627289	1/4/2024 14:07	1/4/2024 14:22	15	0
627018	1/4/2024 14:08	1/4/2024 14:24	16	0
1433697	1/4/2024 14:08	1/4/2024 14:09	1	0
1985687	1/4/2024 14:09	1/4/2024 14:14	5	0
1433697	1/4/2024 14:09	1/4/2024 14:28	19	0
645144	1/4/2024 14:10	1/4/2024 19:05	295	0
643812	1/4/2024 14:10	1/4/2024 19:04	294	0
643434	1/4/2024 14:10	1/4/2024 19:04	294	0
1453263	1/4/2024 14:11	1/4/2024 15:09	58	0
646026	1/4/2024 14:11	1/4/2024 19:00	289	0
1456419	1/4/2024 14:11	1/4/2024 18:59	288	0
353082	1/4/2024 14:12	1/4/2024 14:44	32	0
7533405	1/4/2024 14:13	1/4/2024 14:47	34	0
8511623	1/4/2024 14:13	1/4/2024 19:01	288	0
350753	1/4/2024 14:13	1/5/2024 9:00	1126.75	0
1985687	1/4/2024 14:14	1/5/2024 9:00	1125.9	0
1494722	1/4/2024 14:14	1/4/2024 14:28	14	0
1671958	1/4/2024 14:15	1/4/2024 16:00	105	0
353651	1/4/2024 14:16	1/4/2024 18:57	281	0
1394324	1/4/2024 14:16	1/4/2024 14:48	32	0
548347	1/4/2024 14:17	1/4/2024 18:58	281	0
587455	1/4/2024 14:17	1/4/2024 19:00	283	0
304295	1/4/2024 14:17	1/4/2024 19:16	299	0
252859	1/4/2024 14:18	1/4/2024 19:03	285	0
590897	1/4/2024 14:19	1/4/2024 14:50	31	0
486821	1/4/2024 14:19	1/4/2024 14:35	16	0
486859	1/4/2024 14:20	1/4/2024 14:35	15	0
174815	1/4/2024 14:20	1/4/2024 20:48	388	0
926657	1/4/2024 14:21	1/4/2024 18:59	278	0
418876	1/4/2024 14:21	1/4/2024 19:16	295	0
1412123	1/4/2024 14:22	1/4/2024 18:54	272	0
486940	1/4/2024 14:22	1/4/2024 14:38	16	0
9063373	1/4/2024 14:22	1/4/2024 19:10	288	0
830018	1/4/2024 14:22	1/4/2024 19:00	278	0
1394365	1/4/2024 14:22	1/4/2024 14:48	26	0
627289	1/4/2024 14:22	1/4/2024 19:05	283	0
571799	1/4/2024 14:22	1/4/2024 14:53	31	0
207058	1/4/2024 14:22	1/4/2024 19:05	283	0
645339	1/4/2024 14:22	1/4/2024 14:53	31	0
571847	1/4/2024 14:22	1/4/2024 14:54	32	0

624953	1/4/2024 14:22	1/4/2024 19:00	278	0
324045	1/4/2024 14:23	1/4/2024 14:55	32	0
642003	1/4/2024 14:23	1/4/2024 14:38	15	0
971524	1/4/2024 14:23	1/4/2024 18:56	273	0
624628	1/4/2024 14:23	1/4/2024 19:01	278	0
325050	1/4/2024 14:23	1/4/2024 14:55	32	0
627018	1/4/2024 14:24	1/4/2024 18:57	273	0
580808	1/4/2024 14:24	1/4/2024 14:39	15	0
552210	1/4/2024 14:24	1/4/2024 14:40	16	0
833273	1/4/2024 14:24	1/4/2024 18:57	273	0
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549237	1/4/2024 14:26	1/4/2024 19:04	278	0
549370	1/4/2024 14:26	1/4/2024 14:42	16	0
831896	1/4/2024 14:26	1/4/2024 18:59	273	0
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1433697	1/4/2024 14:28	1/4/2024 14:29	1	0
29635	1/4/2024 14:29	1/4/2024 19:12	283	0
1433697	1/4/2024 14:29	1/4/2024 14:48	19	0
67738	1/4/2024 14:30	1/5/2024 9:00	1109.75	0
995564	1/4/2024 14:30	1/4/2024 18:50	260	0
1027973	1/4/2024 14:31	1/4/2024 18:54	263	0
65245	1/4/2024 14:32	1/4/2024 18:57	265	0
69207	1/4/2024 14:32	1/5/2024 9:00	1107.75	0
430114	1/4/2024 14:33	1/4/2024 14:49	16	0
68620	1/4/2024 14:33	1/5/2024 9:00	1106.75	0
563721	1/4/2024 14:33	1/4/2024 19:06	273	0
317768	1/4/2024 14:33	1/5/2024 9:00	1106.75	0
8495802	1/4/2024 14:33	1/4/2024 19:06	273	0
328113	1/4/2024 14:34	1/4/2024 19:01	267	0
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486859	1/4/2024 14:35	1/4/2024 19:08	273	0
314899	1/4/2024 14:35	1/4/2024 19:08	273	0
486821	1/4/2024 14:35	1/4/2024 19:12	277	0
508593	1/4/2024 14:36	1/4/2024 19:05	269	0
523489	1/4/2024 14:36	1/4/2024 19:04	268	0
318402	1/4/2024 14:38	1/4/2024 19:05	267	0
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281235	1/4/2024 14:38	1/4/2024 19:09	271	0
486940	1/4/2024 14:38	1/4/2024 19:02	264	0
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580808	1/4/2024 14:39	1/4/2024 18:57	258	0
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125572	1/4/2024 14:40	1/4/2024 19:12	272	0
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551972	1/4/2024 14:40	1/4/2024 19:02	262	0
634044	1/4/2024 14:41	1/4/2024 19:01	260	0

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549370	1/4/2024 14:42	1/4/2024 19:10	268	0
1064514	1/4/2024 14:42	1/4/2024 18:54	252	0
1064575	1/4/2024 14:42	1/4/2024 18:59	257	0
188639	1/4/2024 14:42	1/4/2024 15:14	32	0
25674	1/4/2024 14:43	1/4/2024 15:23	40	0
317126	1/4/2024 14:44	1/4/2024 19:06	262	0
1494722	1/4/2024 14:44	1/4/2024 19:10	266	0
306565	1/4/2024 14:44	1/4/2024 19:00	256	0
353082	1/4/2024 14:44	1/4/2024 19:06	262	0
1573666	1/4/2024 14:44	1/4/2024 19:06	262	0
1393633	1/4/2024 14:44	1/4/2024 19:00	256	0
619266	1/4/2024 14:45	1/4/2024 21:40	415	0
68308	1/4/2024 14:46	1/4/2024 19:02	256	0
7533405	1/4/2024 14:47	1/4/2024 19:54	307	0
1394365	1/4/2024 14:48	1/4/2024 19:10	262	0
416557	1/4/2024 14:48	1/4/2024 18:55	247	0
1433697	1/4/2024 14:48	1/4/2024 14:49	1	0
1394324	1/4/2024 14:48	1/4/2024 19:06	258	0
1433697	1/4/2024 14:49	1/4/2024 15:08	19	0
430114	1/4/2024 14:49	1/4/2024 19:01	252	0
590897	1/4/2024 14:50	1/4/2024 19:02	252	0
1431752	1/4/2024 14:52	1/4/2024 18:59	247	0
645339	1/4/2024 14:53	1/4/2024 19:05	252	0
571799	1/4/2024 14:53	1/4/2024 18:44	231	0
571847	1/4/2024 14:54	1/4/2024 19:58	304	0
325050	1/4/2024 14:55	1/4/2024 19:01	246	0
324045	1/4/2024 14:55	1/4/2024 19:12	257	0.05
1524033	1/4/2024 14:55	1/4/2024 18:57	242	0
1093833	1/4/2024 14:55	1/4/2024 18:57	242	0
567126	1/4/2024 14:55	1/4/2024 19:07	252	0
1405153	1/4/2024 14:56	1/4/2024 18:58	242	0
21306	1/4/2024 14:56	1/4/2024 19:07	251	0
658642	1/4/2024 14:56	1/4/2024 18:57	241	0
564518	1/4/2024 14:58	1/4/2024 20:13	315	0
1503634	1/4/2024 15:02	1/4/2024 18:58	236	0
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1556243	1/4/2024 15:03	1/4/2024 19:05	242	0
1421188	1/4/2024 15:04	1/4/2024 19:06	242	0
1557188	1/4/2024 15:04	1/4/2024 19:00	236	0
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1556246	1/4/2024 15:05	1/4/2024 19:06	241	0
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1557676	1/4/2024 15:05	1/4/2024 19:01	236	0

281332	1/4/2024 15:06	1/5/2024 9:00	1073.75	0
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1433697	1/4/2024 15:08	1/4/2024 15:09	1	0
1453263	1/4/2024 15:09	1/4/2024 18:59	230	0
1433697	1/4/2024 15:09	1/4/2024 15:28	19	0
1511251	1/4/2024 15:09	1/4/2024 19:05	236	0
1702895	1/4/2024 15:10	1/4/2024 15:26	16	0
601397	1/4/2024 15:10	1/4/2024 19:09	239	0
1346671	1/4/2024 15:10	1/4/2024 15:26	16	0
1346410	1/4/2024 15:12	1/4/2024 15:28	16	0
24124	1/4/2024 15:12	1/4/2024 19:15	243	0
1511264	1/4/2024 15:12	1/4/2024 19:05	233	0
8104722	1/4/2024 15:13	1/4/2024 19:10	237	0
188639	1/4/2024 15:14	1/4/2024 15:51	37	0
1384509	1/4/2024 15:16	1/5/2024 9:00	1063.02	0
219948	1/4/2024 15:18	1/5/2024 9:00	1061.75	0
25674	1/4/2024 15:23	1/4/2024 19:06	223	0
1349502	1/4/2024 15:24	1/4/2024 15:44	20	0
1350104	1/4/2024 15:24	1/4/2024 18:58	214	0
1702895	1/4/2024 15:26	1/4/2024 19:12	226	0
1346671	1/4/2024 15:26	1/4/2024 19:06	220	0
1351588	1/4/2024 15:26	1/4/2024 19:12	226	0
1350598	1/4/2024 15:28	1/4/2024 19:02	214	0
1346410	1/4/2024 15:28	1/4/2024 15:44	16	0
1433697	1/4/2024 15:28	1/4/2024 15:29	1	0
1433697	1/4/2024 15:29	1/4/2024 15:48	19	0
1430553	1/4/2024 15:30	1/4/2024 19:05	215	0
1430838	1/4/2024 15:33	1/4/2024 19:03	210	0
1430644	1/4/2024 15:33	1/4/2024 19:05	212	0
1350597	1/4/2024 15:40	1/4/2024 19:00	200	0
1348780	1/4/2024 15:40	1/4/2024 19:06	206	0
1349338	1/4/2024 15:40	1/4/2024 19:00	200	0
1348773	1/4/2024 15:40	1/4/2024 19:00	200	0
1346665	1/4/2024 15:40	1/4/2024 19:06	206	0
1350499	1/4/2024 15:40	1/4/2024 19:00	200	0
1349605	1/4/2024 15:42	1/4/2024 19:06	204	0
1349244	1/4/2024 15:42	1/4/2024 19:00	198	0
1351539	1/4/2024 15:42	1/4/2024 19:06	204	0
1349542	1/4/2024 15:42	1/4/2024 18:56	194	0
1348300	1/4/2024 15:42	1/4/2024 19:02	200	0
1346455	1/4/2024 15:42	1/4/2024 19:08	206	0
8734349	1/4/2024 15:42	1/4/2024 19:06	204	0
1348444	1/4/2024 15:44	1/4/2024 19:04	200	0
1349502	1/4/2024 15:44	1/4/2024 19:04	200	0
1350975	1/4/2024 15:44	1/4/2024 18:58	194	0
1346410	1/4/2024 15:44	1/4/2024 16:00	16	0
469018	1/4/2024 15:48	1/4/2024 19:02	194	0

1433697	1/4/2024 15:48	1/4/2024 15:49	1	0
1433697	1/4/2024 15:49	1/4/2024 16:08	19	0
1077082	1/4/2024 15:50	1/4/2024 16:06	16	0
188639	1/4/2024 15:51	1/5/2024 9:00	1028.75	0
1671958	1/4/2024 16:00	1/4/2024 18:59	179	0
1346410	1/4/2024 16:00	1/4/2024 19:04	184	0
449377	1/4/2024 16:02	1/4/2024 17:47	105	0
1077082	1/4/2024 16:06	1/4/2024 19:15	189	0
8972545	1/4/2024 16:07	1/4/2024 19:00	173	0
1433697	1/4/2024 16:08	1/4/2024 16:09	1	0
8674977	1/4/2024 16:08	1/4/2024 19:00	172	0
1433697	1/4/2024 16:09	1/4/2024 18:57	168	0
808384	1/4/2024 16:27	1/4/2024 18:59	152	0
810130	1/4/2024 16:28	1/4/2024 18:55	147	0
195216	1/4/2024 17:33	1/5/2024 9:00	926.75	0
449377	1/4/2024 17:47	1/4/2024 18:19	32	0
449377	1/4/2024 18:19	1/4/2024 18:55	36	0
1405290	1/4/2024 18:28	1/5/2024 9:00	871.02	0
6761269	1/4/2024 18:35	1/5/2024 9:00	864.75	0
571799	1/4/2024 18:44	1/5/2024 9:00	855.9	0
995564	1/4/2024 18:50	1/5/2024 9:00	849.18	0
1321605	1/4/2024 18:50	1/5/2024 9:00	849.02	0
1343695	1/4/2024 18:52	1/5/2024 9:00	847.02	0
1332906	1/4/2024 18:52	1/5/2024 9:00	847.02	0
997397	1/4/2024 18:52	1/5/2024 9:00	847.18	0
1378273	1/4/2024 18:54	1/5/2024 9:00	845.02	0
1027973	1/4/2024 18:54	1/5/2024 9:00	845.18	0
1333801	1/4/2024 18:54	1/5/2024 9:00	845.02	0
8668965	1/4/2024 18:54	1/5/2024 9:00	845.9	0
800576	1/4/2024 18:54	1/5/2024 9:00	845.32	0
1064514	1/4/2024 18:54	1/5/2024 9:00	845.18	0
800588	1/4/2024 18:54	1/5/2024 9:00	845.32	0
1320008	1/4/2024 18:54	1/5/2024 9:00	845.02	0
1412123	1/4/2024 18:54	1/5/2024 9:00	845.02	0
160073	1/4/2024 18:54	1/5/2024 9:00	845.18	0
880278	1/4/2024 18:55	1/5/2024 9:00	844.32	0
1599209	1/4/2024 18:55	1/5/2024 9:00	844.18	0
449377	1/4/2024 18:55	1/4/2024 20:09	74	0
810130	1/4/2024 18:55	1/5/2024 9:00	844.32	0
593798	1/4/2024 18:55	1/5/2024 9:00	844.9	0
1553245	1/4/2024 18:55	1/5/2024 9:00	844.18	0
1556352	1/4/2024 18:55	1/5/2024 9:00	844.18	0
416557	1/4/2024 18:55	1/5/2024 9:00	844.9	0
496500	1/4/2024 18:55	1/5/2024 9:00	844.9	0
1395587	1/4/2024 18:56	1/5/2024 9:00	843.02	0
510307	1/4/2024 18:56	1/5/2024 9:00	843.9	0
1320619	1/4/2024 18:56	1/5/2024 9:00	843.02	0

1349542	1/4/2024 18:56	1/5/2024 9:00	843.02	0
971524	1/4/2024 18:56	1/5/2024 9:00	843.9	0
65245	1/4/2024 18:57	1/5/2024 8:33	816	0
979888	1/4/2024 18:57	1/5/2024 8:00	783	0
496498	1/4/2024 18:57	1/5/2024 9:00	842.9	0
580808	1/4/2024 18:57	1/5/2024 8:51	834	0
1093833	1/4/2024 18:57	1/5/2024 9:00	842.9	0
658642	1/4/2024 18:57	1/5/2024 9:00	842.32	0
627018	1/4/2024 18:57	1/5/2024 9:00	842.9	0
353651	1/4/2024 18:57	1/5/2024 9:00	842.75	0
1446401	1/4/2024 18:57	1/5/2024 9:00	842.18	0
1524033	1/4/2024 18:57	1/5/2024 9:00	842.18	0
833273	1/4/2024 18:57	1/5/2024 9:00	842.32	0
1433697	1/4/2024 18:57	1/4/2024 19:16	19	0
549259	1/4/2024 18:57	1/5/2024 9:00	842.9	0
800590	1/4/2024 18:58	1/5/2024 9:00	841.32	0
1093889	1/4/2024 18:58	1/5/2024 8:21	803	0
1350104	1/4/2024 18:58	1/5/2024 8:58	840	0
548347	1/4/2024 18:58	1/5/2024 9:00	841.9	0
1378582	1/4/2024 18:58	1/5/2024 9:00	841.02	0
1503634	1/4/2024 18:58	1/5/2024 9:00	841.02	0
1350975	1/4/2024 18:58	1/5/2024 9:00	841.02	0
1405153	1/4/2024 18:58	1/5/2024 9:00	841.02	0
1671958	1/4/2024 18:59	1/5/2024 9:00	840.9	0
1431752	1/4/2024 18:59	1/5/2024 9:00	840.18	0
831896	1/4/2024 18:59	1/5/2024 9:00	840.32	0
1064575	1/4/2024 18:59	1/5/2024 9:00	840.18	0
23566	1/4/2024 18:59	1/5/2024 9:00	840.75	0
47769	1/4/2024 18:59	1/5/2024 9:00	840.75	0
1431804	1/4/2024 18:59	1/5/2024 9:00	840.18	0
317233	1/4/2024 18:59	1/5/2024 9:00	840.75	0
1432940	1/4/2024 18:59	1/5/2024 7:51	772	0
1456419	1/4/2024 18:59	1/5/2024 9:00	840.18	0
926657	1/4/2024 18:59	1/5/2024 9:00	840.32	0
981933	1/4/2024 18:59	1/5/2024 8:06	787	0
1453263	1/4/2024 18:59	1/5/2024 9:00	840.18	0
808384	1/4/2024 18:59	1/5/2024 9:00	840.32	0
1610090	1/4/2024 18:59	1/5/2024 9:00	840.18	0
1349338	1/4/2024 19:00	1/5/2024 9:00	839.02	0
1393699	1/4/2024 19:00	1/5/2024 9:00	839.02	0
259674	1/4/2024 19:00	1/5/2024 9:00	839.75	0
1320646	1/4/2024 19:00	1/5/2024 9:00	839.02	0
8972545	1/4/2024 19:00	1/5/2024 9:00	839.9	0
500173	1/4/2024 19:00	1/5/2024 9:00	839.9	0
346288	1/4/2024 19:00	1/5/2024 9:00	839.75	0
624953	1/4/2024 19:00	1/5/2024 9:00	839.9	0
587455	1/4/2024 19:00	1/5/2024 9:00	839.9	0

1444809	1/4/2024 19:00	1/5/2024 7:57	777	0
1350499	1/4/2024 19:00	1/5/2024 9:00	839.02	0
324290	1/4/2024 19:00	1/5/2024 9:00	839.75	0
8910809	1/4/2024 19:00	1/5/2024 9:00	839.9	0
1350597	1/4/2024 19:00	1/5/2024 9:00	839.02	0
830018	1/4/2024 19:00	1/5/2024 9:00	839.32	0
646026	1/4/2024 19:00	1/5/2024 9:00	839.9	0
1349244	1/4/2024 19:00	1/5/2024 9:00	839.02	0
1557188	1/4/2024 19:00	1/5/2024 9:00	839.18	0
506261	1/4/2024 19:00	1/5/2024 9:00	839.9	0
315346	1/4/2024 19:00	1/5/2024 9:00	839.75	0
1348773	1/4/2024 19:00	1/5/2024 9:00	839.02	0
593366	1/4/2024 19:00	1/5/2024 9:00	839.9	0
800600	1/4/2024 19:00	1/5/2024 9:00	839.32	0
1595324	1/4/2024 19:00	1/5/2024 9:00	839.18	0
1597556	1/4/2024 19:00	1/5/2024 9:00	839.18	0
8674977	1/4/2024 19:00	1/5/2024 9:00	839.02	0
1393633	1/4/2024 19:00	1/5/2024 9:00	839.02	0
306565	1/4/2024 19:00	1/5/2024 8:45	825	0
510974	1/4/2024 19:00	1/5/2024 9:00	839.9	0
1309098	1/4/2024 19:00	1/5/2024 9:00	839.02	0
350346	1/4/2024 19:00	1/5/2024 9:00	839.75	0
342796	1/4/2024 19:00	1/5/2024 9:00	839.75	0
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328113	1/4/2024 19:01	1/5/2024 9:00	838.75	0
634044	1/4/2024 19:01	1/5/2024 9:00	838.9	0
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801004	1/4/2024 19:01	1/5/2024 9:00	838.32	0
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197561	1/4/2024 19:01	1/5/2024 9:00	838.75	0
8511623	1/4/2024 19:01	1/5/2024 8:40	819	0
304209	1/4/2024 19:01	1/5/2024 9:00	838.75	0
1556565	1/4/2024 19:01	1/5/2024 9:00	838.18	0
1445317	1/4/2024 19:01	1/5/2024 7:56	775	0
325050	1/4/2024 19:01	1/5/2024 9:00	838.75	0
624628	1/4/2024 19:01	1/5/2024 9:00	838.9	0
449036	1/4/2024 19:01	1/5/2024 9:00	838.9	0
430114	1/4/2024 19:01	1/5/2024 9:00	838.9	0
854579	1/4/2024 19:01	1/5/2024 9:00	838.32	0
317195	1/4/2024 19:01	1/5/2024 8:56	835	0
486940	1/4/2024 19:02	1/5/2024 9:00	837.9	0
469018	1/4/2024 19:02	1/5/2024 9:00	837.9	0
561757	1/4/2024 19:02	1/5/2024 9:00	837.9	0
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315345	1/4/2024 19:02	1/5/2024 9:00	837.75	0
68308	1/4/2024 19:02	1/5/2024 9:00	837.75	0
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590897	1/4/2024 19:02	1/5/2024 9:00	837.9	0
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314188	1/4/2024 19:03	1/5/2024 9:00	836.75	0
574596	1/4/2024 19:03	1/5/2024 9:00	836.9	0
275018	1/4/2024 19:03	1/5/2024 9:00	836.75	0
1430838	1/4/2024 19:03	1/5/2024 9:00	836.18	0
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1556486	1/4/2024 19:04	1/5/2024 9:00	835.18	0
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9524954	1/4/2024 19:04	1/5/2024 9:00	835.18	0
1375227	1/4/2024 19:04	1/5/2024 9:00	835.02	0
1348444	1/4/2024 19:04	1/5/2024 9:00	835.02	0
1346410	1/4/2024 19:04	1/5/2024 9:00	835.02	0
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627289	1/4/2024 19:05	1/5/2024 9:00	834.9	0
314945	1/4/2024 19:05	1/5/2024 8:55	830	0
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1430644	1/4/2024 19:05	1/5/2024 9:00	834.18	0
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1430553	1/4/2024 19:05	1/5/2024 9:00	834.18	0
274059	1/4/2024 19:05	1/5/2024 9:00	834.75	0
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1511251	1/4/2024 19:05	1/5/2024 9:00	834.18	0
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645339	1/4/2024 19:05	1/5/2024 9:00	834.9	0
645144	1/4/2024 19:05	1/5/2024 9:00	834.9	0
1664433	1/4/2024 19:05	1/5/2024 9:00	834.32	0
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634779	1/4/2024 19:06	1/5/2024 9:00	833.9	0
353082	1/4/2024 19:06	1/5/2024 9:00	833.75	0
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8524544	1/4/2024 19:06	1/5/2024 9:00	833.75	0
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1346671	1/4/2024 19:06	1/5/2024 9:00	833.02	0
1521655	1/4/2024 19:06	1/5/2024 9:00	833.18	0
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240045	1/4/2024 19:06	1/5/2024 9:00	833.75	0
1421188	1/4/2024 19:06	1/5/2024 9:00	833.02	0
1351539	1/4/2024 19:06	1/5/2024 9:00	833.02	0
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8495802	1/4/2024 19:06	1/5/2024 9:00	833.18	0
644030	1/4/2024 19:06	1/5/2024 9:00	833.9	0
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304785	1/4/2024 19:06	1/5/2024 9:00	833.75	0
317126	1/4/2024 19:06	1/5/2024 9:00	833.75	0
1310926	1/4/2024 19:06	1/5/2024 9:00	833.02	0
8734349	1/4/2024 19:06	1/5/2024 9:00	833.02	0
887599	1/4/2024 19:06	1/5/2024 9:00	833.32	0
1346665	1/4/2024 19:06	1/5/2024 9:00	833.02	0
1519179	1/4/2024 19:06	1/5/2024 9:00	833.18	0
982261	1/4/2024 19:06	1/5/2024 8:03	777	0
315169	1/4/2024 19:06	1/5/2024 9:00	833.75	0

350406	1/4/2024 19:06	1/5/2024 9:00	833.75	0
563721	1/4/2024 19:06	1/5/2024 9:00	833.9	0
1556246	1/4/2024 19:06	1/5/2024 9:00	833.18	0
25674	1/4/2024 19:06	1/5/2024 9:00	833.75	0
1348780	1/4/2024 19:06	1/5/2024 9:00	833.02	0
1523524	1/4/2024 19:06	1/5/2024 9:00	833.18	0
8486022	1/4/2024 19:06	1/5/2024 9:00	833.18	0
303510	1/4/2024 19:07	1/5/2024 9:00	832.75	0
21306	1/4/2024 19:07	1/5/2024 9:00	832.75	0
567126	1/4/2024 19:07	1/5/2024 9:00	832.9	0
509233	1/4/2024 19:07	1/5/2024 9:00	832.9	0
1509486	1/4/2024 19:07	1/5/2024 9:00	832.18	0
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1609222	1/4/2024 19:07	1/5/2024 9:00	832.18	0
381982	1/4/2024 19:07	1/5/2024 9:00	832.9	0
1519715	1/4/2024 19:07	1/5/2024 9:00	832.18	0
1550318	1/4/2024 19:07	1/5/2024 9:00	832.18	0
1521914	1/4/2024 19:07	1/5/2024 9:00	832.18	0
1521303	1/4/2024 19:08	1/5/2024 9:00	831.18	0
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1416360	1/4/2024 19:08	1/5/2024 9:00	831.02	0
1515964	1/4/2024 19:08	1/5/2024 9:00	831.18	0
349467	1/4/2024 19:08	1/5/2024 9:00	831.75	0
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486859	1/4/2024 19:08	1/5/2024 9:00	831.9	0
314899	1/4/2024 19:08	1/5/2024 9:00	831.75	0
274125	1/4/2024 19:08	1/5/2024 9:00	831.75	0
6995795	1/4/2024 19:08	1/5/2024 9:00	831.9	0
380057	1/4/2024 19:08	1/5/2024 9:00	831.9	0
281235	1/4/2024 19:09	1/5/2024 9:00	830.75	0
25066	1/4/2024 19:09	1/5/2024 9:00	830.75	0
346967	1/4/2024 19:09	1/5/2024 9:00	830.75	0
7178975	1/4/2024 19:09	1/5/2024 9:00	830.75	0
601397	1/4/2024 19:09	1/5/2024 9:00	830.9	0
197356	1/4/2024 19:09	1/5/2024 9:00	830.75	0
381338	1/4/2024 19:09	1/5/2024 9:00	830.9	0
324249	1/4/2024 19:09	1/5/2024 9:00	830.75	0
51957	1/4/2024 19:09	1/5/2024 9:00	830.75	0
7902724	1/4/2024 19:09	1/5/2024 8:32	803	0
511266	1/4/2024 19:09	1/5/2024 9:00	830.9	0
1465703	1/4/2024 19:10	1/5/2024 9:00	829.18	0
267537	1/4/2024 19:10	1/5/2024 9:00	829.75	0
197629	1/4/2024 19:10	1/5/2024 9:00	829.75	0
1494722	1/4/2024 19:10	1/5/2024 9:00	829.02	0
509102	1/4/2024 19:10	1/5/2024 9:00	829.9	0
304845	1/4/2024 19:10	1/5/2024 9:00	829.75	0
1394365	1/4/2024 19:10	1/5/2024 9:00	829.02	0

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549370	1/4/2024 19:10	1/5/2024 9:00	829.9	0
316997	1/4/2024 19:10	1/5/2024 9:00	829.75	0
8950281	1/4/2024 19:10	1/5/2024 9:00	829.75	0
8104722	1/4/2024 19:10	1/5/2024 9:00	829.75	0
353371	1/4/2024 19:10	1/5/2024 9:00	829.75	0
455994	1/4/2024 19:10	1/5/2024 9:00	829.9	0
1493132	1/4/2024 19:10	1/5/2024 9:00	829.02	0
605186	1/4/2024 19:10	1/5/2024 9:00	829.9	0
323657	1/4/2024 19:11	1/5/2024 9:00	828.75	0
315306	1/4/2024 19:11	1/5/2024 9:00	828.75	0
49209	1/4/2024 19:11	1/5/2024 9:00	828.75	0
1683861	1/4/2024 19:11	1/5/2024 9:00	828.75	0
7518767	1/4/2024 19:11	1/5/2024 9:00	828.75	0
642003	1/4/2024 19:11	1/5/2024 9:00	828.9	0
8148103	1/4/2024 19:11	1/5/2024 9:00	828.75	0
26864	1/4/2024 19:11	1/5/2024 9:00	828.75	0
1081237	1/4/2024 19:11	1/5/2024 9:00	828.85	0
378229	1/4/2024 19:11	1/5/2024 9:00	828.9	0
1702895	1/4/2024 19:12	1/5/2024 9:00	827.02	0
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1351588	1/4/2024 19:12	1/5/2024 8:56	824	0
504578	1/4/2024 19:12	1/5/2024 9:00	827.9	0
345647	1/4/2024 19:12	1/5/2024 9:00	827.75	0
125572	1/4/2024 19:12	1/5/2024 9:00	827.75	0
29635	1/4/2024 19:12	1/5/2024 9:00	827.75	0
486821	1/4/2024 19:12	1/5/2024 9:00	827.9	0
317084	1/4/2024 19:12	1/5/2024 9:00	827.75	0
324045	1/4/2024 19:12	1/5/2024 9:00	827.75	0
8621797	1/4/2024 19:13	1/5/2024 9:00	826.75	0
8605921	1/4/2024 19:14	1/5/2024 9:00	825.75	0
24124	1/4/2024 19:15	1/5/2024 9:00	824.75	0
1077082	1/4/2024 19:15	1/5/2024 9:00	824.9	0
418876	1/4/2024 19:16	1/5/2024 9:00	823.9	0
304295	1/4/2024 19:16	1/5/2024 9:00	823.75	0
1433697	1/4/2024 19:16	1/4/2024 19:17	1	0
1433697	1/4/2024 19:17	1/4/2024 19:36	19	0
1433697	1/4/2024 19:36	1/4/2024 19:37	1	0
1433697	1/4/2024 19:37	1/4/2024 19:56	19	0
7533405	1/4/2024 19:54	1/5/2024 9:00	785.75	0
1433697	1/4/2024 19:56	1/4/2024 19:57	1	0
1433697	1/4/2024 19:57	1/4/2024 20:16	19	0
571847	1/4/2024 19:58	1/5/2024 9:00	781.9	0
1576533	1/4/2024 19:59	1/5/2024 9:00	780.18	0
449377	1/4/2024 20:09	1/4/2024 20:40	31	0

195839	1/4/2024 20:11	1/5/2024 9:00	768.75	0
564518	1/4/2024 20:13	1/5/2024 9:00	766.9	0
1433697	1/4/2024 20:16	1/4/2024 20:17	1	0
1433697	1/4/2024 20:17	1/4/2024 20:36	19	0
1433697	1/4/2024 20:36	1/4/2024 20:37	1	0
1433697	1/4/2024 20:37	1/4/2024 20:56	19	0
449377	1/4/2024 20:40	1/4/2024 21:59	79	0
174815	1/4/2024 20:48	1/5/2024 5:28	520	0
174902	1/4/2024 20:51	1/5/2024 9:00	728.75	0
1433697	1/4/2024 20:56	1/4/2024 20:57	1	0
1433697	1/4/2024 20:57	1/4/2024 21:16	19	0
1433697	1/4/2024 21:16	1/4/2024 21:17	1	0
1433697	1/4/2024 21:17	1/4/2024 21:36	19	0
1433697	1/4/2024 21:36	1/4/2024 21:37	1	0
1433697	1/4/2024 21:37	1/4/2024 21:56	19	0
619266	1/4/2024 21:40	1/5/2024 9:00	679.9	0
1433697	1/4/2024 21:56	1/4/2024 21:57	1	0
1433697	1/4/2024 21:57	1/4/2024 22:16	19	0
449377	1/4/2024 21:59	1/4/2024 22:15	16	0
449377	1/4/2024 22:15	1/4/2024 22:52	37	0
1433697	1/4/2024 22:16	1/4/2024 22:17	1	0
1433697	1/4/2024 22:17	1/4/2024 22:36	19	0
1433697	1/4/2024 22:36	1/4/2024 22:37	1	0
1433697	1/4/2024 22:37	1/4/2024 22:56	19	0
449377	1/4/2024 22:52	1/4/2024 23:02	10	0
1433697	1/4/2024 22:56	1/4/2024 22:57	1	0
1433697	1/4/2024 22:57	1/4/2024 23:16	19	0
449377	1/4/2024 23:02	1/4/2024 23:13	11	0
449377	1/4/2024 23:13	1/4/2024 23:41	28	0
1433697	1/4/2024 23:16	1/4/2024 23:17	1	0
1433697	1/4/2024 23:17	1/5/2024 8:25	548	0
449377	1/4/2024 23:41	1/5/2024 0:42	61	0
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174815	1/5/2024 5:28	1/5/2024 9:00	211.75	0
449377	1/5/2024 5:31	1/5/2024 5:52	21	0
449377	1/5/2024 5:52	1/5/2024 6:28	36	0
449377	1/5/2024 6:28	1/5/2024 7:16	48	0
449377	1/5/2024 7:16	1/5/2024 7:58	42	0
1432940	1/5/2024 7:51	1/5/2024 9:00	68.18	0
1445317	1/5/2024 7:56	1/5/2024 9:00	63.18	0
1444809	1/5/2024 7:57	1/5/2024 9:00	62.18	0

1433348	1/5/2024 7:57	1/5/2024 9:00	62.18	0
449377	1/5/2024 7:58	1/5/2024 9:00	61.9	0
979888	1/5/2024 8:00	1/5/2024 9:00	59.18	0
982261	1/5/2024 8:03	1/5/2024 9:00	56.18	0
981933	1/5/2024 8:06	1/5/2024 9:00	53.18	0
347230	1/5/2024 8:13	1/5/2024 9:00	46.75	0
1680798	1/5/2024 8:14	1/5/2024 9:00	45.75	0
1376158	1/5/2024 8:14	1/5/2024 9:00	45.02	0
413869	1/5/2024 8:18	1/5/2024 9:00	41.85	0
1093889	1/5/2024 8:21	1/5/2024 9:00	38.9	0
1093722	1/5/2024 8:22	1/5/2024 9:00	37.9	0
1466638	1/5/2024 8:24	1/5/2024 9:00	35.18	0
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8511623	1/5/2024 8:40	1/5/2024 9:00	19.75	0
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1433697	1/5/2024 8:45	1/5/2024 9:00	14.85	0
306565	1/5/2024 8:45	1/5/2024 9:00	14.75	0
307661	1/5/2024 8:45	1/5/2024 9:00	14.75	0
580808	1/5/2024 8:51	1/5/2024 9:00	8.9	0
314945	1/5/2024 8:55	1/5/2024 9:00	4.75	0
1351588	1/5/2024 8:56	1/5/2024 9:00	3.02	0
317195	1/5/2024 8:56	1/5/2024 9:00	3.75	0
1350104	1/5/2024 8:58	1/5/2024 9:00	1.02	0
1595351	1/5/2024 8:59	1/5/2024 9:00	0.18	0
1394324	1/5/2024 9:00	1/5/2024 11:48	168	0
1516786	1/5/2024 9:00	1/5/2024 10:08	68	0
1421188	1/5/2024 9:00	1/5/2024 19:02	602	0
6761269	1/5/2024 9:00	1/5/2024 10:26	86	0
319279	1/5/2024 9:00	1/5/2024 11:07	127	0
125572	1/5/2024 9:00	1/5/2024 10:55	115	0
8766703	1/5/2024 9:00	1/6/2024 9:00	1439.18	0
51957	1/5/2024 9:00	1/5/2024 19:07	607	0
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1513541	1/5/2024 9:00	1/6/2024 9:00	1439.18	0
1552447	1/5/2024 9:00	1/6/2024 9:00	1439.18	0
1552990	1/5/2024 9:00	1/6/2024 9:00	1439.18	0
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574993	1/5/2024 9:00	1/6/2024 9:00	1439.9	0
8668965	1/5/2024 9:00	1/5/2024 10:55	115	0
1433697	1/5/2024 9:01	1/5/2024 10:06	65	0
350346	1/5/2024 9:01	1/5/2024 12:43	222	0.07

1466638	1/5/2024 9:01	1/6/2024 9:00	1438.18	0
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1432940	1/5/2024 9:10	1/5/2024 18:58	588	0
314945	1/5/2024 9:10	1/5/2024 19:03	593	0.99
8511623	1/5/2024 9:12	1/5/2024 19:00	588	0
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7902724	1/5/2024 9:19	1/5/2024 10:17	58	0
1093722	1/5/2024 9:19	1/5/2024 18:57	578	0
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325050	1/5/2024 9:22	1/5/2024 14:06	284	0
1320008	1/5/2024 9:22	1/5/2024 18:52	570	0.07
561757	1/5/2024 9:23	1/5/2024 19:00	577	0
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1321605	1/5/2024 9:26	1/5/2024 18:48	562	0
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1680798	1/5/2024 9:27	1/5/2024 19:10	583	0
1494722	1/5/2024 9:30	1/5/2024 19:02	572	0.37
347230	1/5/2024 9:31	1/5/2024 18:58	567	0
1417138	1/5/2024 9:34	1/5/2024 19:02	568	0
349467	1/5/2024 9:34	1/5/2024 19:06	572	0
307661	1/5/2024 9:36	1/5/2024 18:58	562	0
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306565	1/5/2024 9:37	1/5/2024 19:01	564	0
317233	1/5/2024 9:41	1/5/2024 18:57	556	0.6
317797	1/5/2024 9:41	1/5/2024 19:01	560	0
304295	1/5/2024 9:41	1/5/2024 19:11	570	0
315346	1/5/2024 9:43	1/5/2024 19:02	559	0
47769	1/5/2024 9:45	1/5/2024 19:02	557	0
8605921	1/5/2024 9:45	1/5/2024 11:33	108	0
751178	1/5/2024 9:47	1/5/2024 18:58	551	1.18
9063373	1/5/2024 9:48	1/5/2024 11:50	122	0
1077082	1/5/2024 9:48	1/5/2024 19:04	556	0
989680	1/5/2024 9:48	1/5/2024 19:38	589.75	0
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982261	1/5/2024 9:48	1/5/2024 18:59	550.75	0.02
315345	1/5/2024 9:49	1/5/2024 19:01	552	0
275495	1/5/2024 9:49	1/5/2024 11:34	105	0
274522	1/5/2024 9:49	1/5/2024 11:37	108	0.19
350517	1/5/2024 9:49	1/5/2024 18:56	547	0
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506261	1/5/2024 9:53	1/5/2024 14:26	273	0.08
304845	1/5/2024 9:54	1/5/2024 19:09	555	0
643434	1/5/2024 9:55	1/5/2024 18:59	544	0
304785	1/5/2024 9:56	1/5/2024 19:04	548	0
353651	1/5/2024 9:57	1/5/2024 18:57	540	0
1493132	1/5/2024 9:58	1/5/2024 11:16	78	0.27
1375227	1/5/2024 9:58	1/5/2024 11:16	78	0
29635	1/5/2024 9:59	1/6/2024 9:00	1380.75	0
353082	1/5/2024 9:59	1/5/2024 18:59	540	0
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1610090	1/5/2024 10:02	1/5/2024 18:53	531	0
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1430294	1/5/2024 10:02	1/5/2024 18:57	535	0
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8972545	1/5/2024 10:04	1/5/2024 18:59	535	0
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1433697	1/5/2024 10:07	1/5/2024 10:26	19	0
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197690	1/5/2024 10:08	1/5/2024 19:46	578	0
1516786	1/5/2024 10:08	1/5/2024 19:03	535	0
1515733	1/5/2024 10:08	1/5/2024 18:58	530	0.1
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8148103	1/5/2024 10:08	1/5/2024 19:04	536	0
8524544	1/5/2024 10:09	1/6/2024 9:00	1370.75	0

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316997	1/5/2024 10:10	1/5/2024 19:06	536	0
314899	1/5/2024 10:11	1/5/2024 19:01	530	0
380057	1/5/2024 10:11	1/5/2024 19:18	547	0
1445317	1/5/2024 10:11	1/5/2024 18:51	520	0
8387677	1/5/2024 10:11	1/5/2024 10:53	42	0
523489	1/5/2024 10:12	1/5/2024 19:00	528	0.67
8910809	1/5/2024 10:12	1/5/2024 18:57	525	0
313269	1/5/2024 10:12	1/6/2024 9:00	1367.75	0
304209	1/5/2024 10:12	1/5/2024 19:03	531	0
6995795	1/5/2024 10:13	1/5/2024 19:04	531	0
381982	1/5/2024 10:13	1/5/2024 19:03	530	0
504858	1/5/2024 10:13	1/5/2024 11:58	105	0
7879030	1/5/2024 10:15	1/5/2024 19:00	525	0
449036	1/5/2024 10:15	1/5/2024 14:18	243	0.42
510974	1/5/2024 10:16	1/5/2024 18:55	519	0
1576533	1/5/2024 10:17	1/5/2024 19:02	525	0
1515964	1/5/2024 10:17	1/5/2024 11:46	89	0
314188	1/5/2024 10:17	1/5/2024 14:34	257	0
7902724	1/5/2024 10:17	1/5/2024 10:33	16	0
7178975	1/5/2024 10:18	1/5/2024 14:40	262	0
315730	1/5/2024 10:18	1/5/2024 14:35	257	0
852125	1/5/2024 10:18	1/5/2024 11:37	79	0
852071	1/5/2024 10:18	1/5/2024 11:37	79	0
449377	1/5/2024 10:19	1/5/2024 10:24	5	0
315169	1/5/2024 10:19	1/5/2024 14:31	252	0
500173	1/5/2024 10:20	1/5/2024 18:53	513	0.93
854579	1/5/2024 10:20	1/5/2024 11:33	73	0
1081237	1/5/2024 10:21	1/5/2024 10:22	1	0
1081237	1/5/2024 10:22	1/5/2024 10:41	19	0
498070	1/5/2024 10:23	1/5/2024 18:57	514	0
1309098	1/5/2024 10:24	1/5/2024 14:26	242	0.98
449377	1/5/2024 10:24	1/5/2024 10:41	17	0
810130	1/5/2024 10:24	1/5/2024 11:58	94	0
808829	1/5/2024 10:25	1/5/2024 11:55	90	0
1523524	1/5/2024 10:25	1/5/2024 11:38	73	0
345647	1/5/2024 10:26	1/5/2024 10:31	5	0
1433697	1/5/2024 10:26	1/5/2024 10:27	1	0
6761269	1/5/2024 10:26	1/5/2024 19:00	514	0
1310926	1/5/2024 10:26	1/5/2024 19:04	518	0
1433697	1/5/2024 10:27	1/5/2024 10:46	19	0
808384	1/5/2024 10:28	1/5/2024 18:58	510	0

346967	1/5/2024 10:28	1/5/2024 19:03	515	0.6
346288	1/5/2024 10:29	1/5/2024 18:59	510	0
342796	1/5/2024 10:29	1/5/2024 18:59	510	0
1609484	1/5/2024 10:30	1/5/2024 10:46	16	0
1524033	1/5/2024 10:30	1/5/2024 18:59	509	1.66
345647	1/5/2024 10:31	1/5/2024 19:05	514	0
997397	1/5/2024 10:32	1/5/2024 18:50	497.75	0
1378128	1/5/2024 10:32	1/5/2024 18:56	504	0
7902724	1/5/2024 10:33	1/5/2024 11:20	47	0
9524954	1/5/2024 10:34	1/5/2024 10:47	13	0.03
1609551	1/5/2024 10:34	1/5/2024 10:46	12	0
10628562	1/5/2024 10:34	1/5/2024 19:03	509	0
1415828	1/5/2024 10:34	1/5/2024 10:50	16	0
1609415	1/5/2024 10:34	1/5/2024 10:45	11	0
457729	1/5/2024 10:34	1/5/2024 10:55	21	0
1412757	1/5/2024 10:34	1/5/2024 18:58	504	0
457978	1/5/2024 10:35	1/5/2024 10:51	16	0
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454901	1/5/2024 10:35	1/5/2024 10:52	17	0
324045	1/5/2024 10:36	1/5/2024 14:06	210	0
801004	1/5/2024 10:36	1/5/2024 11:54	78	0
274059	1/5/2024 10:37	1/5/2024 19:03	506	0
995564	1/5/2024 10:38	1/5/2024 18:51	492.75	0
800590	1/5/2024 10:38	1/5/2024 11:51	73	0
10659831	1/5/2024 10:38	1/5/2024 19:03	505	0
800588	1/5/2024 10:38	1/5/2024 11:51	73	0
1384509	1/5/2024 10:40	1/6/2024 9:00	1339.02	0
455345	1/5/2024 10:40	1/5/2024 10:52	12	0
800600	1/5/2024 10:40	1/5/2024 11:53	73	0
274125	1/5/2024 10:41	1/5/2024 11:39	58	0
455629	1/5/2024 10:41	1/5/2024 10:52	11	0
449377	1/5/2024 10:41	1/5/2024 11:43	62	0
1081237	1/5/2024 10:41	1/5/2024 10:42	1	0
1081237	1/5/2024 10:42	1/5/2024 11:01	19	0
1609415	1/5/2024 10:45	1/5/2024 10:59	14	0
1609551	1/5/2024 10:46	1/5/2024 14:46	240	0
1609484	1/5/2024 10:46	1/5/2024 18:54	488	0
1433697	1/5/2024 10:46	1/5/2024 10:47	1	0
1514000	1/5/2024 10:47	1/5/2024 11:45	58	0
1433697	1/5/2024 10:47	1/5/2024 11:06	19	0
9524954	1/5/2024 10:47	1/5/2024 18:52	485	2.47
277301	1/5/2024 10:49	1/5/2024 11:35	46	0
1415828	1/5/2024 10:50	1/5/2024 11:04	14	0
197561	1/5/2024 10:50	1/5/2024 19:00	490	0
675499	1/5/2024 10:51	1/5/2024 11:49	58	0
457978	1/5/2024 10:51	1/5/2024 15:08	257	0
511223	1/5/2024 10:52	1/5/2024 11:23	31	0

454901	1/5/2024 10:52	1/5/2024 15:04	252	0.02
455629	1/5/2024 10:52	1/5/2024 19:00	488	0
455345	1/5/2024 10:52	1/5/2024 15:08	256	0
11081884	1/5/2024 10:53	1/5/2024 19:08	495	0
8387677	1/5/2024 10:53	1/5/2024 18:59	486	0
1683861	1/5/2024 10:54	1/5/2024 19:02	488	0
1321750	1/5/2024 10:54	1/5/2024 18:56	482	0
456099	1/5/2024 10:54	1/5/2024 18:57	483	0
564518	1/5/2024 10:55	1/5/2024 19:00	485	0
277818	1/5/2024 10:55	1/5/2024 18:57	482	0
509102	1/5/2024 10:55	1/5/2024 11:21	26	0
567126	1/5/2024 10:55	1/5/2024 19:03	488	0
8668965	1/5/2024 10:55	1/5/2024 18:53	478	0
125572	1/5/2024 10:55	1/5/2024 19:07	492	0.98
1453263	1/5/2024 10:55	1/5/2024 18:58	483	0
21306	1/5/2024 10:55	1/5/2024 19:07	492	0
457729	1/5/2024 10:55	1/5/2024 15:08	253	0
1320619	1/5/2024 10:56	1/5/2024 18:52	476	0
1320646	1/5/2024 10:56	1/5/2024 18:58	482	0
21820	1/5/2024 10:56	1/5/2024 19:08	492	0
660265	1/5/2024 10:57	1/5/2024 18:59	481.45	0
317126	1/5/2024 10:57	1/5/2024 19:05	488	0
10371746	1/5/2024 10:58	1/6/2024 9:00	1321.9	0
1378273	1/5/2024 10:58	1/5/2024 18:50	472	0
1093833	1/5/2024 10:58	1/5/2024 18:55	477	0
549259	1/5/2024 10:58	1/5/2024 11:46	48	0
160073	1/5/2024 10:58	1/5/2024 18:45	466.75	0
378229	1/5/2024 10:59	1/5/2024 19:07	488	0
1609415	1/5/2024 10:59	1/5/2024 18:58	479	0
1565203	1/5/2024 11:00	1/5/2024 14:14	194	0
1378582	1/5/2024 11:00	1/5/2024 18:54	474	0.01
1406535	1/5/2024 11:00	1/5/2024 19:04	484	0
1514004	1/5/2024 11:00	1/5/2024 11:47	47	0
1405290	1/5/2024 11:00	1/5/2024 19:04	484	0.32
8495802	1/5/2024 11:01	1/5/2024 11:17	16	0.13
1081237	1/5/2024 11:01	1/5/2024 11:02	1	0
1081237	1/5/2024 11:02	1/5/2024 11:21	19	0
318815	1/5/2024 11:02	1/5/2024 14:17	195	0
317768	1/5/2024 11:02	1/5/2024 14:16	194	0
563721	1/5/2024 11:02	1/5/2024 14:16	194	0
454861	1/5/2024 11:03	1/5/2024 15:04	241	0.42
446329	1/5/2024 11:03	1/5/2024 11:50	47	0
445867	1/5/2024 11:03	1/5/2024 11:55	52	0
510522	1/5/2024 11:03	1/5/2024 11:24	21	0
1415828	1/5/2024 11:04	1/5/2024 18:58	474	0
321287	1/5/2024 11:05	1/5/2024 14:18	193	0
324249	1/5/2024 11:05	1/5/2024 16:09	304	0

317100	1/5/2024 11:05	1/6/2024 9:00	1314.75	0
1431804	1/5/2024 11:05	1/5/2024 14:35	210	0
1433697	1/5/2024 11:06	1/5/2024 11:07	1	0
8495805	1/5/2024 11:06	1/5/2024 19:09	483	0
627289	1/5/2024 11:06	1/5/2024 11:22	16	0
323657	1/5/2024 11:06	1/5/2024 16:10	304	0
324290	1/5/2024 11:06	1/5/2024 14:10	184	0
1595324	1/5/2024 11:06	1/5/2024 18:58	472	0
323747	1/5/2024 11:06	1/5/2024 16:10	304	0
624953	1/5/2024 11:06	1/5/2024 11:22	16	0
303030	1/5/2024 11:07	1/5/2024 19:10	483	0.16
319279	1/5/2024 11:07	1/5/2024 19:10	483	0
197356	1/5/2024 11:07	1/5/2024 19:05	478	0
624716	1/5/2024 11:07	1/5/2024 11:23	16	0
971524	1/5/2024 11:07	1/5/2024 11:23	16	0
1433697	1/5/2024 11:07	1/5/2024 11:26	19	0
626477	1/5/2024 11:07	1/5/2024 11:22	15	0
1450250	1/5/2024 11:08	1/5/2024 11:24	16	0
627018	1/5/2024 11:08	1/5/2024 11:24	16	0
1342473	1/5/2024 11:08	1/5/2024 18:54	466	0
611363	1/5/2024 11:08	1/5/2024 12:16	68	0
196965	1/5/2024 11:08	1/5/2024 19:00	472	0.05
195216	1/5/2024 11:09	1/5/2024 13:34	145	0
381338	1/5/2024 11:10	1/5/2024 14:14	184	0
8206792	1/5/2024 11:10	1/5/2024 11:26	16	0
7533405	1/5/2024 11:11	1/5/2024 20:29	558	0
646026	1/5/2024 11:11	1/5/2024 18:53	462	0
304084	1/5/2024 11:11	1/5/2024 19:13	482	0
1393633	1/5/2024 11:12	1/5/2024 14:14	182	0.62
304265	1/5/2024 11:12	1/5/2024 19:09	477	0
252859	1/5/2024 11:15	1/5/2024 11:45	30	0
1493132	1/5/2024 11:16	1/5/2024 19:04	468	0.05
1375227	1/5/2024 11:16	1/5/2024 14:14	178	0
1515678	1/5/2024 11:16	1/5/2024 11:48	32	0
8495802	1/5/2024 11:17	1/5/2024 18:59	462	2.02
70277	1/5/2024 11:18	1/5/2024 11:34	16	0
619266	1/5/2024 11:19	1/6/2024 9:00	1300.9	0
455994	1/5/2024 11:19	1/5/2024 14:20	181	0
7902724	1/5/2024 11:20	1/5/2024 19:07	467	0
267537	1/5/2024 11:21	1/5/2024 14:35	194	0
509102	1/5/2024 11:21	1/5/2024 14:25	184	0
510307	1/5/2024 11:21	1/5/2024 14:23	182	0
1081237	1/5/2024 11:21	1/5/2024 11:22	1	0
70866	1/5/2024 11:22	1/6/2024 9:00	1297.75	0
626477	1/5/2024 11:22	1/5/2024 18:54	452	0
624953	1/5/2024 11:22	1/5/2024 18:59	457	0
627289	1/5/2024 11:22	1/5/2024 19:04	462	0

1081237	1/5/2024 11:22	1/5/2024 11:41	19	0
971524	1/5/2024 11:23	1/5/2024 18:54	451	0
511223	1/5/2024 11:23	1/5/2024 14:22	179	0
511266	1/5/2024 11:23	1/5/2024 14:25	182	0
624716	1/5/2024 11:23	1/5/2024 18:59	456	0
510522	1/5/2024 11:24	1/5/2024 19:03	459	0
627018	1/5/2024 11:24	1/5/2024 18:55	451	0
1332906	1/5/2024 11:24	1/5/2024 18:50	446	0.06
1450250	1/5/2024 11:24	1/5/2024 19:01	457	0
507365	1/5/2024 11:24	1/5/2024 14:26	182	0
552210	1/5/2024 11:25	1/5/2024 14:12	167	0
645339	1/5/2024 11:25	1/5/2024 11:40	15	0
1521509	1/5/2024 11:25	1/5/2024 11:42	17	0
8206792	1/5/2024 11:26	1/5/2024 19:02	456	0
1433697	1/5/2024 11:26	1/5/2024 11:27	1	0
24124	1/5/2024 11:26	1/5/2024 19:07	461	0
1433697	1/5/2024 11:27	1/5/2024 11:46	19	0
188639	1/5/2024 11:27	1/5/2024 11:42	15	0.04
25674	1/5/2024 11:28	1/5/2024 11:43	15	0
504578	1/5/2024 11:29	1/5/2024 12:00	31	0
590897	1/5/2024 11:29	1/5/2024 19:01	452	0.45
1556243	1/5/2024 11:32	1/5/2024 12:19	47	0
1556246	1/5/2024 11:33	1/5/2024 12:20	47	0
854579	1/5/2024 11:33	1/5/2024 13:18	105	0
8605921	1/5/2024 11:33	1/5/2024 12:15	42	0
350406	1/5/2024 11:33	1/5/2024 12:24	51	0
1557188	1/5/2024 11:33	1/5/2024 12:20	47	0
68620	1/5/2024 11:33	1/5/2024 19:04	451	0
275495	1/5/2024 11:34	1/5/2024 14:22	168	0
276488	1/5/2024 11:34	1/5/2024 14:22	168	0
70277	1/5/2024 11:34	1/5/2024 12:37	63	0
1557676	1/5/2024 11:34	1/5/2024 12:21	47	0.13
277301	1/5/2024 11:35	1/5/2024 14:21	166	0
275018	1/5/2024 11:35	1/5/2024 14:23	168	0
1554218	1/5/2024 11:35	1/5/2024 19:03	448	0
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281056	1/5/2024 11:36	1/5/2024 14:19	163	0
645144	1/5/2024 11:37	1/5/2024 12:39	62	0.34
274522	1/5/2024 11:37	1/5/2024 14:19	162	0.77
69207	1/5/2024 11:37	1/5/2024 19:09	452	0
280173	1/5/2024 11:37	1/5/2024 19:00	443	0
852071	1/5/2024 11:37	1/5/2024 12:03	26	0
852125	1/5/2024 11:37	1/5/2024 19:03	445.45	0
279833	1/5/2024 11:38	1/5/2024 14:21	163	0
644030	1/5/2024 11:38	1/5/2024 12:36	58	0
1465703	1/5/2024 11:38	1/5/2024 12:09	31	0
1523524	1/5/2024 11:38	1/5/2024 12:25	47	0

274125	1/5/2024 11:39	1/5/2024 14:20	161	0
549596	1/5/2024 11:39	1/5/2024 12:28	49	0
642003	1/5/2024 11:39	1/5/2024 12:10	31	0
645339	1/5/2024 11:40	1/5/2024 19:02	442	0
549617	1/5/2024 11:41	1/5/2024 12:28	47	0
1081237	1/5/2024 11:41	1/5/2024 11:42	1	0
548347	1/5/2024 11:41	1/5/2024 12:28	47	0
1081237	1/5/2024 11:42	1/5/2024 12:01	19	0
1521509	1/5/2024 11:42	1/5/2024 19:06	444	0
188639	1/5/2024 11:42	1/5/2024 20:27	525	0.45
449377	1/5/2024 11:43	1/5/2024 12:20	37	0
26864	1/5/2024 11:43	1/6/2024 9:00	1276.75	0
25674	1/5/2024 11:43	1/5/2024 19:05	442	0
979888	1/5/2024 11:45	1/5/2024 12:03	18	0
1514000	1/5/2024 11:45	1/5/2024 12:33	48	0
252859	1/5/2024 11:45	1/5/2024 12:00	15	0
1515964	1/5/2024 11:46	1/5/2024 12:33	47	0
1433697	1/5/2024 11:46	1/5/2024 11:47	1	0
549259	1/5/2024 11:46	1/5/2024 18:56	430	0
1433697	1/5/2024 11:47	1/5/2024 12:06	19	0
1514004	1/5/2024 11:47	1/5/2024 12:34	47	0
926657	1/5/2024 11:47	1/5/2024 15:17	210	0
416557	1/5/2024 11:48	1/5/2024 18:53	425	0
1394324	1/5/2024 11:48	1/5/2024 13:04	76	0
1515678	1/5/2024 11:48	1/5/2024 12:30	42	0
587455	1/5/2024 11:48	1/5/2024 18:59	431	0
675499	1/5/2024 11:49	1/5/2024 18:49	419.45	0
430114	1/5/2024 11:49	1/5/2024 13:19	90	0
9063373	1/5/2024 11:50	1/5/2024 13:04	74	0
446329	1/5/2024 11:50	1/5/2024 12:32	42	0
800590	1/5/2024 11:51	1/5/2024 12:38	47	0
800588	1/5/2024 11:51	1/5/2024 12:39	48	0
1333801	1/5/2024 11:52	1/5/2024 12:08	16	0
601397	1/5/2024 11:52	1/5/2024 12:08	16	0
800600	1/5/2024 11:53	1/5/2024 12:41	48	0
801004	1/5/2024 11:54	1/5/2024 12:36	42	0
445867	1/5/2024 11:55	1/5/2024 19:05	430	0
373278	1/5/2024 11:55	1/6/2024 9:00	1264.9	0
808829	1/5/2024 11:55	1/5/2024 13:13	78	0
498819	1/5/2024 11:56	1/6/2024 9:00	1263.9	0
375655	1/5/2024 11:56	1/6/2024 9:00	1263.9	0
375117	1/5/2024 11:56	1/6/2024 9:00	1263.9	0
504858	1/5/2024 11:58	1/5/2024 12:14	16	0
810130	1/5/2024 11:58	1/5/2024 13:12	74	0
373050	1/5/2024 11:59	1/6/2024 9:00	1260.9	0
593366	1/5/2024 12:00	1/5/2024 14:15	135	0
504578	1/5/2024 12:00	1/5/2024 19:11	431	0

252859	1/5/2024 12:00	1/5/2024 12:15	15	0
456084	1/5/2024 12:01	1/5/2024 13:19	78	0
1081237	1/5/2024 12:01	1/5/2024 12:02	1	0
593397	1/5/2024 12:02	1/5/2024 14:18	136	0
1081237	1/5/2024 12:02	1/5/2024 12:21	19	0
373273	1/5/2024 12:02	1/6/2024 9:00	1257.9	0
852071	1/5/2024 12:03	1/6/2024 9:00	1256.32	0
593798	1/5/2024 12:03	1/5/2024 14:19	136	0
979888	1/5/2024 12:03	1/5/2024 18:58	414.75	0
859747	1/5/2024 12:04	1/5/2024 12:51	47	0
456048	1/5/2024 12:04	1/5/2024 13:17	73	0
1433697	1/5/2024 12:06	1/5/2024 12:07	1	0
643196	1/5/2024 12:06	1/5/2024 19:00	414	0
1433697	1/5/2024 12:07	1/5/2024 12:26	19	0
1333801	1/5/2024 12:08	1/5/2024 14:10	122	0
601397	1/5/2024 12:08	1/5/2024 19:08	420	0
1465703	1/5/2024 12:09	1/5/2024 19:04	415	0
860281	1/5/2024 12:09	1/6/2024 9:00	1250.32	0
642003	1/5/2024 12:10	1/5/2024 19:10	420	0
504858	1/5/2024 12:14	1/5/2024 14:30	136	0
252859	1/5/2024 12:15	1/5/2024 13:00	45	0
8605921	1/5/2024 12:15	1/5/2024 15:19	184	0
8068454	1/5/2024 12:15	1/5/2024 19:10	415	0
611363	1/5/2024 12:16	1/5/2024 19:00	404	0
328113	1/5/2024 12:16	1/5/2024 19:00	404	0
1343695	1/5/2024 12:18	1/5/2024 18:52	394	0
1556243	1/5/2024 12:19	1/5/2024 12:50	31	0
1557188	1/5/2024 12:20	1/6/2024 9:00	1239.18	0
449377	1/5/2024 12:20	1/5/2024 12:31	11	0
1556246	1/5/2024 12:20	1/5/2024 12:52	32	0
1557676	1/5/2024 12:21	1/5/2024 18:54	393	0
1081237	1/5/2024 12:21	1/5/2024 12:22	1	0
240307	1/5/2024 12:21	1/5/2024 19:05	404	0
537703	1/5/2024 12:21	1/5/2024 19:05	404	0
1081237	1/5/2024 12:22	1/5/2024 12:41	19	0
350406	1/5/2024 12:24	1/6/2024 9:00	1235.75	0
1523524	1/5/2024 12:25	1/5/2024 15:08	163	0
1433697	1/5/2024 12:26	1/5/2024 12:27	1	0
1433697	1/5/2024 12:27	1/5/2024 12:46	19	0
548347	1/5/2024 12:28	1/6/2024 9:00	1231.9	0
549617	1/5/2024 12:28	1/6/2024 9:00	1231.9	0
549596	1/5/2024 12:28	1/5/2024 19:00	392	0
1515678	1/5/2024 12:30	1/5/2024 19:03	393	0
449377	1/5/2024 12:31	1/5/2024 12:47	16	0
446329	1/5/2024 12:32	1/6/2024 9:00	1227.9	0
1515964	1/5/2024 12:33	1/5/2024 19:02	389	0
1514000	1/5/2024 12:33	1/5/2024 18:50	377	0

1514004	1/5/2024 12:34	1/5/2024 19:02	388	0
353728	1/5/2024 12:36	1/5/2024 19:03	387	0
801004	1/5/2024 12:36	1/5/2024 14:06	90	0
644030	1/5/2024 12:36	1/6/2024 9:00	1223.9	0
70277	1/5/2024 12:37	1/5/2024 19:05	388	0
800590	1/5/2024 12:38	1/5/2024 14:08	90	0
800576	1/5/2024 12:39	1/5/2024 18:52	373	0
643812	1/5/2024 12:39	1/6/2024 9:00	1220.9	0
645144	1/5/2024 12:39	1/6/2024 9:00	1220.9	0
800588	1/5/2024 12:39	1/5/2024 14:08	89	0
1081237	1/5/2024 12:41	1/5/2024 12:42	1	0
800600	1/5/2024 12:41	1/6/2024 9:00	1218.32	0
1081237	1/5/2024 12:42	1/5/2024 19:08	385.95	0
350346	1/5/2024 12:43	1/5/2024 18:57	374	0
1433697	1/5/2024 12:46	1/5/2024 12:47	1	0
1433697	1/5/2024 12:47	1/5/2024 13:06	19	0
449377	1/5/2024 12:47	1/5/2024 13:08	21	0
903630	1/5/2024 12:50	1/6/2024 9:00	1209.32	0
1556243	1/5/2024 12:50	1/5/2024 14:20	90	0
859747	1/5/2024 12:51	1/5/2024 13:38	47	0
645321	1/5/2024 12:52	1/6/2024 9:00	1207.9	0
1556246	1/5/2024 12:52	1/5/2024 14:21	89	0
645798	1/5/2024 12:53	1/6/2024 9:00	1206.9	0
252859	1/5/2024 13:00	1/6/2024 9:00	1199.75	0
450309	1/5/2024 13:01	1/5/2024 14:20	79	0
7518767	1/5/2024 13:03	1/5/2024 15:19	136	0
1394324	1/5/2024 13:04	1/5/2024 13:18	14	0
9063373	1/5/2024 13:04	1/5/2024 13:20	16	0
1368745	1/5/2024 13:06	1/5/2024 18:58	352	0
1433697	1/5/2024 13:06	1/5/2024 13:07	1	0
1433697	1/5/2024 13:07	1/5/2024 13:26	19	0
449377	1/5/2024 13:08	1/5/2024 13:44	36	0
656498	1/5/2024 13:09	1/5/2024 18:55	346	0
810130	1/5/2024 13:12	1/5/2024 15:39	147	0
803317	1/5/2024 13:12	1/6/2024 9:00	1187.32	0
808829	1/5/2024 13:13	1/5/2024 15:40	146.45	0
456048	1/5/2024 13:17	1/6/2024 9:00	1182.9	0
1394324	1/5/2024 13:18	1/5/2024 14:36	78	0
854579	1/5/2024 13:18	1/6/2024 9:00	1181.32	0
430114	1/5/2024 13:19	1/6/2024 9:00	1180.9	0
456084	1/5/2024 13:19	1/6/2024 9:00	1180.9	0
9063373	1/5/2024 13:20	1/5/2024 14:34	74	0
1670039	1/5/2024 13:26	1/5/2024 13:57	31	0
1433697	1/5/2024 13:26	1/5/2024 13:27	1	0
1433697	1/5/2024 13:27	1/5/2024 13:46	19	0
570022	1/5/2024 13:29	1/5/2024 19:03	334	0
411436	1/5/2024 13:30	1/5/2024 18:55	325	0

411053	1/5/2024 13:31	1/5/2024 14:16	45	0
195216	1/5/2024 13:34	1/5/2024 14:37	63	0
489884	1/5/2024 13:34	1/6/2024 9:00	1165.9	0
859747	1/5/2024 13:38	1/5/2024 15:08	90	0
449377	1/5/2024 13:44	1/5/2024 14:21	37	0
1433697	1/5/2024 13:46	1/5/2024 13:47	1	0
980398	1/5/2024 13:46	1/5/2024 14:59	73	0
1433697	1/5/2024 13:47	1/5/2024 14:06	19	0
68308	1/5/2024 13:55	1/6/2024 9:00	1144.75	0
1670039	1/5/2024 13:57	1/5/2024 14:13	16	0
6828301	1/5/2024 14:04	1/5/2024 18:59	295	0
325050	1/5/2024 14:06	1/5/2024 14:37	31	0
801004	1/5/2024 14:06	1/5/2024 14:21	15	0
1433697	1/5/2024 14:06	1/5/2024 14:07	1	0
324045	1/5/2024 14:06	1/5/2024 14:37	31	0
1433697	1/5/2024 14:07	1/5/2024 14:26	19	0
800590	1/5/2024 14:08	1/5/2024 14:24	16	0
563241	1/5/2024 14:08	1/5/2024 14:23	15	0
800588	1/5/2024 14:08	1/5/2024 14:23	15	0
561758	1/5/2024 14:09	1/5/2024 14:24	15	0
324290	1/5/2024 14:10	1/5/2024 19:04	294	0
1333801	1/5/2024 14:10	1/5/2024 18:52	282	0
552210	1/5/2024 14:12	1/5/2024 19:00	288	0
1670039	1/5/2024 14:13	1/5/2024 19:07	294	0
1393633	1/5/2024 14:14	1/5/2024 14:42	28	0
817260	1/5/2024 14:14	1/5/2024 19:23	309	0
1376158	1/5/2024 14:14	1/5/2024 15:02	48	0
428179	1/5/2024 14:14	1/5/2024 14:30	16	0
381338	1/5/2024 14:14	1/5/2024 19:03	289	0
1565203	1/5/2024 14:14	1/5/2024 19:03	289	0
1375227	1/5/2024 14:14	1/5/2024 15:02	48	0
593366	1/5/2024 14:15	1/5/2024 14:31	16	0
317768	1/5/2024 14:16	1/5/2024 19:05	289	0
563721	1/5/2024 14:16	1/5/2024 18:59	283	0
411053	1/5/2024 14:16	1/5/2024 19:06	290	0
1393699	1/5/2024 14:16	1/5/2024 18:58	282	0
318815	1/5/2024 14:17	1/5/2024 19:05	288	0
425936	1/5/2024 14:17	1/5/2024 14:32	15	0
317053	1/5/2024 14:17	1/5/2024 19:06	289	0
449036	1/5/2024 14:18	1/5/2024 18:57	279	0
593397	1/5/2024 14:18	1/5/2024 18:56	278	0
321287	1/5/2024 14:18	1/5/2024 19:07	289	0
318848	1/5/2024 14:19	1/5/2024 19:08	289	0
593798	1/5/2024 14:19	1/5/2024 14:30	11	0
274522	1/5/2024 14:19	1/5/2024 19:02	283	0
281056	1/5/2024 14:19	1/5/2024 19:02	283	0
281332	1/5/2024 14:19	1/5/2024 19:03	284	0

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450309	1/5/2024 14:20	1/5/2024 18:53	273	0
274125	1/5/2024 14:20	1/5/2024 14:36	16	0
561672	1/5/2024 14:20	1/5/2024 19:08	288	0
455994	1/5/2024 14:20	1/5/2024 14:34	14	0
449377	1/5/2024 14:21	1/5/2024 15:39	78	0
277301	1/5/2024 14:21	1/5/2024 19:17	296	0
801004	1/5/2024 14:21	1/5/2024 14:37	16	0
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279833	1/5/2024 14:21	1/5/2024 19:04	283	0
13912	1/5/2024 14:22	1/6/2024 9:00	1117.75	0
511223	1/5/2024 14:22	1/5/2024 19:00	278	0
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275495	1/5/2024 14:22	1/5/2024 19:05	283	0
563241	1/5/2024 14:23	1/5/2024 19:01	278	0
275018	1/5/2024 14:23	1/5/2024 14:34	11	0
510307	1/5/2024 14:23	1/5/2024 14:39	16	0
800588	1/5/2024 14:23	1/5/2024 14:39	16	0
561349	1/5/2024 14:23	1/5/2024 19:10	287	0
800590	1/5/2024 14:24	1/5/2024 14:41	17	0
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508593	1/5/2024 14:25	1/5/2024 14:36	11	0
1309098	1/5/2024 14:26	1/5/2024 18:54	268	0
1190246	1/5/2024 14:26	1/5/2024 18:58	272	0
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507365	1/5/2024 14:26	1/5/2024 14:39	13	0
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504858	1/5/2024 14:30	1/5/2024 19:03	273	0
817825	1/5/2024 14:30	1/5/2024 14:46	16	0
816722	1/5/2024 14:31	1/5/2024 14:47	16	0
315169	1/5/2024 14:31	1/5/2024 14:47	16	0
593366	1/5/2024 14:31	1/5/2024 18:58	267	0
425936	1/5/2024 14:32	1/5/2024 18:55	263	0
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9063373	1/5/2024 14:34	1/5/2024 19:06	272	0
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1431804	1/5/2024 14:35	1/5/2024 18:57	262	0
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195216	1/5/2024 14:37	1/5/2024 23:50	553	0
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324045	1/5/2024 14:37	1/5/2024 19:10	273	0.05
801004	1/5/2024 14:37	1/5/2024 19:00	263	0
1092960	1/5/2024 14:37	1/5/2024 18:54	257	0
1247921	1/5/2024 14:38	1/5/2024 19:00	262	0
1465882	1/5/2024 14:39	1/5/2024 18:51	252	0
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1393633	1/5/2024 14:42	1/5/2024 18:58	256	0
385332	1/5/2024 14:44	1/5/2024 18:45	241	0
1433697	1/5/2024 14:46	1/5/2024 14:47	1	0
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1609551	1/5/2024 14:46	1/5/2024 19:03	257	0
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315169	1/5/2024 14:47	1/5/2024 19:04	257	0
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314188	1/5/2024 14:50	1/5/2024 19:02	252	0
1434316	1/5/2024 14:51	1/5/2024 15:07	16	0
1556486	1/5/2024 14:51	1/5/2024 18:58	247	0
7178975	1/5/2024 14:51	1/5/2024 19:08	257	0
455994	1/5/2024 14:54	1/5/2024 19:06	252	0
262048	1/5/2024 14:58	1/5/2024 18:55	237	0
980398	1/5/2024 14:59	1/5/2024 18:55	235.75	0
1376158	1/5/2024 15:02	1/5/2024 19:04	242	0

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454901	1/5/2024 15:04	1/5/2024 15:40	36	0
454861	1/5/2024 15:04	1/5/2024 15:38	34	0
1434359	1/5/2024 15:06	1/5/2024 18:46	220	0
1434316	1/5/2024 15:07	1/5/2024 18:50	223	0
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457729	1/5/2024 15:08	1/5/2024 19:04	236	0
1523524	1/5/2024 15:08	1/6/2024 9:00	1071.18	0
859747	1/5/2024 15:08	1/5/2024 19:04	236	0
455345	1/5/2024 15:08	1/5/2024 15:34	26	0
794132	1/5/2024 15:08	1/5/2024 18:58	230	0
793937	1/5/2024 15:09	1/5/2024 18:49	220	0
793737	1/5/2024 15:09	1/5/2024 19:00	230.45	0
792446	1/5/2024 15:10	1/5/2024 18:56	226	0
1436095	1/5/2024 15:10	1/5/2024 19:00	230	0
549237	1/5/2024 15:12	1/5/2024 19:03	231	0
791361	1/5/2024 15:12	1/5/2024 18:54	222	0
926657	1/5/2024 15:17	1/5/2024 18:58	220.45	0
415949	1/5/2024 15:18	1/5/2024 18:58	220	0
7518767	1/5/2024 15:19	1/5/2024 19:05	226	0
8605921	1/5/2024 15:19	1/5/2024 19:10	231	0
266010	1/5/2024 15:22	1/5/2024 19:15	233	0
455345	1/5/2024 15:34	1/5/2024 19:04	210	0
457978	1/5/2024 15:35	1/5/2024 19:05	210	0
454861	1/5/2024 15:38	1/5/2024 19:00	202	0
449377	1/5/2024 15:39	1/5/2024 16:00	21	0
810130	1/5/2024 15:39	1/5/2024 18:53	194	0
808829	1/5/2024 15:40	1/5/2024 19:00	200	0
454901	1/5/2024 15:40	1/5/2024 19:05	205	0
8486022	1/5/2024 15:40	1/5/2024 18:57	197	0
1446401	1/5/2024 15:42	1/5/2024 18:52	190	0
815789	1/5/2024 15:43	1/5/2024 18:57	194	0
1685329	1/5/2024 15:54	1/5/2024 18:58	184	0
1403562	1/5/2024 16:00	1/6/2024 9:00	1019.02	0
449377	1/5/2024 16:00	1/5/2024 16:22	22	0
1503507	1/5/2024 16:02	1/6/2024 9:00	1017.02	0
1671958	1/5/2024 16:03	1/5/2024 18:56	173	0
496500	1/5/2024 16:05	1/5/2024 18:53	168	0
496498	1/5/2024 16:08	1/5/2024 18:56	168	0
324249	1/5/2024 16:09	1/5/2024 19:02	173	0
323747	1/5/2024 16:10	1/5/2024 19:03	173	0
323657	1/5/2024 16:10	1/5/2024 19:09	179	0
342572	1/5/2024 16:11	1/6/2024 9:00	1008.75	0
449377	1/5/2024 16:22	1/5/2024 16:43	21	0
1348444	1/5/2024 16:40	1/5/2024 18:58	138	0
1350598	1/5/2024 16:40	1/5/2024 19:02	142	0

1351588	1/5/2024 16:42	1/5/2024 19:04	142	0
1349502	1/5/2024 16:42	1/5/2024 19:02	140	0
449377	1/5/2024 16:43	1/5/2024 17:04	21	0
1430553	1/5/2024 16:47	1/5/2024 18:58	131	0
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449377	1/5/2024 17:04	1/5/2024 17:19	15	0
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449377	1/5/2024 17:19	1/5/2024 18:12	53	0
449377	1/5/2024 18:12	1/5/2024 19:09	57	0
385332	1/5/2024 18:45	1/6/2024 9:00	854.9	0
160073	1/5/2024 18:45	1/6/2024 9:00	854.43	0
1434359	1/5/2024 18:46	1/6/2024 9:00	853.18	0
991227	1/5/2024 18:46	1/6/2024 9:00	853.43	0
1321605	1/5/2024 18:48	1/6/2024 9:00	851.02	0
793937	1/5/2024 18:49	1/6/2024 9:00	850.32	0
675499	1/5/2024 18:49	1/6/2024 9:00	850.87	0
1514000	1/5/2024 18:50	1/6/2024 9:00	849.18	0
997397	1/5/2024 18:50	1/6/2024 9:00	849.43	0
1378273	1/5/2024 18:50	1/6/2024 9:00	849.02	0
1434316	1/5/2024 18:50	1/6/2024 9:00	849.18	0
1332906	1/5/2024 18:50	1/6/2024 9:00	849.02	0
1433697	1/5/2024 18:50	1/6/2024 8:08	798	0
1445317	1/5/2024 18:51	1/6/2024 7:56	785	0
800588	1/5/2024 18:51	1/6/2024 9:00	848.32	0
1465882	1/5/2024 18:51	1/6/2024 9:00	848.18	0
995564	1/5/2024 18:51	1/6/2024 9:00	848.43	0
1320008	1/5/2024 18:52	1/6/2024 9:00	847.02	0
1333801	1/5/2024 18:52	1/6/2024 9:00	847.02	0
1343695	1/5/2024 18:52	1/6/2024 9:00	847.02	0
1446401	1/5/2024 18:52	1/6/2024 9:00	847.18	0
593798	1/5/2024 18:52	1/6/2024 9:00	847.9	0
800576	1/5/2024 18:52	1/6/2024 9:00	847.32	0
9524954	1/5/2024 18:52	1/6/2024 9:00	847.18	0
1320619	1/5/2024 18:52	1/6/2024 9:00	847.02	0
450309	1/5/2024 18:53	1/6/2024 9:00	846.9	0
496500	1/5/2024 18:53	1/6/2024 9:00	846.9	0
500173	1/5/2024 18:53	1/6/2024 9:00	846.9	0
646026	1/5/2024 18:53	1/6/2024 9:00	846.9	0
416557	1/5/2024 18:53	1/6/2024 9:00	846.9	0
8668965	1/5/2024 18:53	1/6/2024 9:00	846.9	0
810130	1/5/2024 18:53	1/6/2024 9:00	846.32	0
1624452	1/5/2024 18:53	1/6/2024 9:00	846.18	0
1610090	1/5/2024 18:53	1/6/2024 9:00	846.18	0
1556352	1/5/2024 18:54	1/6/2024 9:00	845.18	0
1275035	1/5/2024 18:54	1/6/2024 9:00	845.02	0
626477	1/5/2024 18:54	1/6/2024 9:00	845.9	0
1309098	1/5/2024 18:54	1/6/2024 9:00	845.02	0

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1378582	1/5/2024 18:54	1/6/2024 9:00	845.02	0
1557676	1/5/2024 18:54	1/6/2024 9:00	845.18	0
791361	1/5/2024 18:54	1/6/2024 9:00	845.32	0
1092960	1/5/2024 18:54	1/6/2024 9:00	845.9	0
1556565	1/5/2024 18:54	1/6/2024 9:00	845.18	0
971524	1/5/2024 18:54	1/6/2024 9:00	845.9	0
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980398	1/5/2024 18:55	1/6/2024 9:00	844.43	0
411436	1/5/2024 18:55	1/6/2024 9:00	844.9	0
580808	1/5/2024 18:55	1/6/2024 9:00	844.9	0
425936	1/5/2024 18:55	1/6/2024 9:00	844.9	0
627018	1/5/2024 18:55	1/6/2024 9:00	844.9	0
656498	1/5/2024 18:55	1/6/2024 9:00	844.32	0
262048	1/5/2024 18:55	1/6/2024 9:00	844.75	0
1093833	1/5/2024 18:55	1/6/2024 9:00	844.9	0
510974	1/5/2024 18:55	1/6/2024 9:00	844.9	0
1671958	1/5/2024 18:56	1/6/2024 9:00	843.9	0
593397	1/5/2024 18:56	1/6/2024 9:00	843.9	0
817825	1/5/2024 18:56	1/6/2024 9:00	843.32	0
350517	1/5/2024 18:56	1/6/2024 9:00	843.75	0
510307	1/5/2024 18:56	1/6/2024 9:00	843.9	0
1321750	1/5/2024 18:56	1/6/2024 9:00	843.02	0
792446	1/5/2024 18:56	1/6/2024 9:00	843.32	0
549259	1/5/2024 18:56	1/6/2024 9:00	843.9	0
1378128	1/5/2024 18:56	1/6/2024 9:00	843.02	0
496498	1/5/2024 18:56	1/6/2024 9:00	843.9	0
1093889	1/5/2024 18:56	1/6/2024 8:34	818	0
8910809	1/5/2024 18:57	1/6/2024 9:00	842.9	0
1093722	1/5/2024 18:57	1/6/2024 8:36	819	0
8486022	1/5/2024 18:57	1/6/2024 9:00	842.18	0
317233	1/5/2024 18:57	1/6/2024 9:00	842.75	0
561758	1/5/2024 18:57	1/6/2024 9:00	842.9	0
815789	1/5/2024 18:57	1/6/2024 9:00	842.32	0
1430294	1/5/2024 18:57	1/6/2024 9:00	842.18	0
456099	1/5/2024 18:57	1/6/2024 9:00	842.9	0
428179	1/5/2024 18:57	1/6/2024 9:00	842.9	0
353651	1/5/2024 18:57	1/6/2024 9:00	842.75	0
277818	1/5/2024 18:57	1/6/2024 9:00	842.75	0
498070	1/5/2024 18:57	1/6/2024 9:00	842.9	0
449036	1/5/2024 18:57	1/6/2024 9:00	842.9	0
350346	1/5/2024 18:57	1/6/2024 9:00	842.75	0
1431804	1/5/2024 18:57	1/6/2024 9:00	842.18	0
1368745	1/5/2024 18:58	1/6/2024 9:00	841.02	0
1515733	1/5/2024 18:58	1/6/2024 9:00	841.18	0
1417279	1/5/2024 18:58	1/6/2024 9:00	841.02	0
800590	1/5/2024 18:58	1/6/2024 9:00	841.87	0

1348444	1/5/2024 18:58	1/6/2024 9:00	841.02	0
1412757	1/5/2024 18:58	1/6/2024 9:00	841.02	0
307661	1/5/2024 18:58	1/6/2024 8:45	827	0
1430553	1/5/2024 18:58	1/6/2024 7:59	781	0
979888	1/5/2024 18:58	1/6/2024 8:16	798	0
347230	1/5/2024 18:58	1/6/2024 8:27	809	0
593366	1/5/2024 18:58	1/6/2024 9:00	841.9	0
1595324	1/5/2024 18:58	1/6/2024 9:00	841.18	0
1190246	1/5/2024 18:58	1/6/2024 9:00	841.02	0
751178	1/5/2024 18:58	1/6/2024 9:00	841.9	0
794132	1/5/2024 18:58	1/6/2024 9:00	841.32	0
1393699	1/5/2024 18:58	1/6/2024 9:00	841.02	0
1432940	1/5/2024 18:58	1/6/2024 7:55	777	0
1556486	1/5/2024 18:58	1/6/2024 9:00	841.18	0
1609415	1/5/2024 18:58	1/6/2024 9:00	841.18	0
1685329	1/5/2024 18:58	1/6/2024 9:00	841.02	0
926657	1/5/2024 18:58	1/6/2024 9:00	841.87	0
1415828	1/5/2024 18:58	1/6/2024 9:00	841.02	0
1453263	1/5/2024 18:58	1/6/2024 9:00	841.18	0
1320646	1/5/2024 18:58	1/6/2024 9:00	841.02	0
1393633	1/5/2024 18:58	1/6/2024 9:00	841.02	0
808384	1/5/2024 18:58	1/6/2024 9:00	841.32	0
415949	1/5/2024 18:58	1/6/2024 9:00	841.9	0
346288	1/5/2024 18:59	1/6/2024 9:00	840.75	0
563721	1/5/2024 18:59	1/6/2024 9:00	840.9	0
982261	1/5/2024 18:59	1/6/2024 8:17	798	0
660265	1/5/2024 18:59	1/6/2024 9:00	840.87	0
342796	1/5/2024 18:59	1/6/2024 9:00	840.75	0
196408	1/5/2024 18:59	1/6/2024 9:00	840.75	0
8495802	1/5/2024 18:59	1/6/2024 9:00	840.18	0
8972545	1/5/2024 18:59	1/6/2024 9:00	840.9	0
1556246	1/5/2024 18:59	1/6/2024 9:00	840.18	0
318402	1/5/2024 18:59	1/6/2024 9:00	840.75	0
6828301	1/5/2024 18:59	1/6/2024 9:00	840.75	0
624953	1/5/2024 18:59	1/6/2024 9:00	840.9	0
1573666	1/5/2024 18:59	1/6/2024 9:00	840.18	0
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624716	1/5/2024 18:59	1/6/2024 9:00	840.9	0
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353082	1/5/2024 18:59	1/6/2024 9:00	840.75	0
587455	1/5/2024 18:59	1/6/2024 9:00	840.9	0
197883	1/5/2024 18:59	1/6/2024 9:00	840.75	0
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196965	1/5/2024 19:00	1/6/2024 9:00	839.75	0
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793737	1/5/2024 19:00	1/6/2024 9:00	839.87	0
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561757	1/5/2024 19:00	1/6/2024 9:00	839.9	0
801004	1/5/2024 19:00	1/6/2024 9:00	839.32	0
328113	1/5/2024 19:00	1/6/2024 9:00	839.75	0
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1247921	1/5/2024 19:00	1/6/2024 9:00	839.32	0
808829	1/5/2024 19:00	1/6/2024 9:00	839.87	0
8511623	1/5/2024 19:00	1/6/2024 9:00	839.75	0
7879030	1/5/2024 19:00	1/6/2024 9:00	839.9	0
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6761269	1/5/2024 19:00	1/6/2024 9:00	839.75	0
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523489	1/5/2024 19:00	1/6/2024 9:00	839.75	0
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315345	1/5/2024 19:01	1/6/2024 9:00	838.75	0
563241	1/5/2024 19:01	1/6/2024 9:00	838.9	0
8104722	1/5/2024 19:01	1/6/2024 9:00	838.75	0
507365	1/5/2024 19:01	1/6/2024 9:00	838.9	0
317797	1/5/2024 19:01	1/6/2024 9:00	838.75	0
1450250	1/5/2024 19:01	1/6/2024 9:00	838.18	0
306565	1/5/2024 19:01	1/6/2024 8:43	822	0
314899	1/5/2024 19:01	1/6/2024 9:00	838.75	0
590897	1/5/2024 19:01	1/6/2024 9:00	838.9	0
47769	1/5/2024 19:02	1/6/2024 9:00	837.75	0
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324249	1/5/2024 19:02	1/6/2024 9:00	837.75	0
1350598	1/5/2024 19:02	1/6/2024 8:40	818	0
1683861	1/5/2024 19:02	1/6/2024 9:00	837.75	0
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275018	1/5/2024 19:02	1/6/2024 9:00	837.75	0
1417138	1/5/2024 19:02	1/6/2024 9:00	837.02	0
315346	1/5/2024 19:02	1/6/2024 9:00	837.75	0
314188	1/5/2024 19:02	1/6/2024 9:00	837.75	0
645339	1/5/2024 19:02	1/6/2024 9:00	837.9	0
1421188	1/5/2024 19:02	1/6/2024 9:00	837.02	0
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852125	1/5/2024 19:03	1/6/2024 9:00	836.87	0
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281332	1/5/2024 19:03	1/6/2024 9:00	836.75	0
274059	1/5/2024 19:03	1/6/2024 9:00	836.75	0
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1557303	1/5/2024 19:03	1/6/2024 9:00	836.18	0
381982	1/5/2024 19:03	1/6/2024 9:00	836.9	0
567126	1/5/2024 19:03	1/6/2024 9:00	836.9	0
304209	1/5/2024 19:03	1/6/2024 9:00	836.75	0
1556243	1/5/2024 19:03	1/6/2024 9:00	836.18	0
314945	1/5/2024 19:03	1/6/2024 9:00	836.75	0
1609551	1/5/2024 19:03	1/6/2024 9:00	836.18	0
353728	1/5/2024 19:03	1/6/2024 9:00	836.75	0
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570022	1/5/2024 19:03	1/6/2024 9:00	836.9	0
323747	1/5/2024 19:03	1/6/2024 9:00	836.75	0
510522	1/5/2024 19:03	1/6/2024 9:00	836.9	0
1565203	1/5/2024 19:03	1/6/2024 9:00	836.18	0
1430838	1/5/2024 19:03	1/6/2024 8:05	782	0
315730	1/5/2024 19:03	1/6/2024 9:00	836.75	0
1515678	1/5/2024 19:03	1/6/2024 9:00	836.18	0
549237	1/5/2024 19:03	1/6/2024 9:00	836.9	0
504858	1/5/2024 19:03	1/6/2024 9:00	836.9	0
509102	1/5/2024 19:03	1/6/2024 9:00	836.9	0
10659831	1/5/2024 19:03	1/6/2024 9:00	836.18	0
1516786	1/5/2024 19:03	1/6/2024 9:00	836.18	0
299014	1/5/2024 19:03	1/6/2024 9:00	836.75	0
346967	1/5/2024 19:03	1/6/2024 9:00	836.75	0
574596	1/5/2024 19:04	1/6/2024 9:00	835.9	0
1376158	1/5/2024 19:04	1/6/2024 8:16	792	0
1077082	1/5/2024 19:04	1/6/2024 9:00	835.9	0
627289	1/5/2024 19:04	1/6/2024 9:00	835.9	0
6995795	1/5/2024 19:04	1/6/2024 9:00	835.9	0
315169	1/5/2024 19:04	1/6/2024 9:00	835.75	0
1375227	1/5/2024 19:04	1/6/2024 8:16	792	0
553755	1/5/2024 19:04	1/6/2024 9:00	835.9	0
1664433	1/5/2024 19:04	1/6/2024 9:00	835.87	0
605186	1/5/2024 19:04	1/6/2024 9:00	835.9	0
1405290	1/5/2024 19:04	1/6/2024 9:00	835.02	0
457729	1/5/2024 19:04	1/6/2024 9:00	835.9	0
455345	1/5/2024 19:04	1/6/2024 9:00	835.9	0
1251782	1/5/2024 19:04	1/6/2024 9:00	835.32	0
1406535	1/5/2024 19:04	1/6/2024 9:00	835.02	0

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68620	1/5/2024 19:04	1/6/2024 9:00	835.75	0
274125	1/5/2024 19:04	1/6/2024 9:00	835.75	0
279833	1/5/2024 19:04	1/6/2024 9:00	835.75	0
281235	1/5/2024 19:04	1/6/2024 9:00	835.75	0
1493132	1/5/2024 19:04	1/6/2024 8:16	792	0
8148103	1/5/2024 19:04	1/6/2024 9:00	835.75	0
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506261	1/5/2024 19:04	1/6/2024 9:00	835.9	0
1351588	1/5/2024 19:04	1/6/2024 8:38	814	0
324290	1/5/2024 19:04	1/6/2024 9:00	835.75	0
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345647	1/5/2024 19:05	1/6/2024 9:00	834.75	0
318815	1/5/2024 19:05	1/6/2024 9:00	834.75	0
317126	1/5/2024 19:05	1/6/2024 9:00	834.75	0
445867	1/5/2024 19:05	1/6/2024 9:00	834.9	0
7518767	1/5/2024 19:05	1/6/2024 9:00	834.75	0
1609222	1/5/2024 19:05	1/6/2024 9:00	834.18	0
240307	1/5/2024 19:05	1/6/2024 9:00	834.75	0
454901	1/5/2024 19:05	1/6/2024 9:00	834.9	0
317084	1/5/2024 19:05	1/6/2024 9:00	834.75	0
4173986	1/5/2024 19:05	1/6/2024 9:00	834.75	0
276488	1/5/2024 19:05	1/6/2024 9:00	834.75	0
1512146	1/5/2024 19:05	1/6/2024 8:08	783	0
457978	1/5/2024 19:05	1/6/2024 9:00	834.9	0
537703	1/5/2024 19:05	1/6/2024 9:00	834.75	0
275495	1/5/2024 19:05	1/6/2024 9:00	834.75	0
70277	1/5/2024 19:05	1/6/2024 9:00	834.75	0
197356	1/5/2024 19:05	1/6/2024 9:00	834.75	0
325050	1/5/2024 19:05	1/6/2024 9:00	834.75	0
25674	1/5/2024 19:05	1/6/2024 9:00	834.75	0
317768	1/5/2024 19:05	1/6/2024 9:00	834.75	0
455994	1/5/2024 19:06	1/6/2024 9:00	833.9	0
349467	1/5/2024 19:06	1/6/2024 9:00	833.75	0
303510	1/5/2024 19:06	1/6/2024 9:00	833.75	0
1394365	1/5/2024 19:06	1/6/2024 8:02	776	0
509233	1/5/2024 19:06	1/6/2024 9:00	833.9	0
316997	1/5/2024 19:06	1/6/2024 9:00	833.75	0
1521509	1/5/2024 19:06	1/6/2024 9:00	833.18	0
296808	1/5/2024 19:06	1/6/2024 9:00	833.75	0
411053	1/5/2024 19:06	1/6/2024 9:00	833.9	0
9063373	1/5/2024 19:06	1/6/2024 8:04	778	0
317053	1/5/2024 19:06	1/6/2024 9:00	833.75	0

125572	1/5/2024 19:07	1/6/2024 9:00	832.75	0
1670039	1/5/2024 19:07	1/6/2024 9:00	832.9	0
51957	1/5/2024 19:07	1/6/2024 9:00	832.75	0
197629	1/5/2024 19:07	1/6/2024 9:00	832.75	0
378229	1/5/2024 19:07	1/6/2024 9:00	832.9	0
7902724	1/5/2024 19:07	1/6/2024 9:00	832.75	0
21306	1/5/2024 19:07	1/6/2024 9:00	832.75	0
24124	1/5/2024 19:07	1/6/2024 9:00	832.75	0
399291	1/5/2024 19:07	1/6/2024 9:00	832.9	0
321287	1/5/2024 19:07	1/6/2024 9:00	832.75	0
561672	1/5/2024 19:08	1/6/2024 9:00	831.9	0
1081237	1/5/2024 19:08	1/6/2024 9:00	831.9	0
267537	1/5/2024 19:08	1/6/2024 9:00	831.75	0
7178975	1/5/2024 19:08	1/6/2024 9:00	831.75	0
601397	1/5/2024 19:08	1/6/2024 9:00	831.9	0
49209	1/5/2024 19:08	1/6/2024 9:00	831.75	0
318848	1/5/2024 19:08	1/6/2024 9:00	831.75	0
11081884	1/5/2024 19:08	1/6/2024 9:00	831.75	0
21820	1/5/2024 19:08	1/6/2024 9:00	831.75	0
69207	1/5/2024 19:09	1/6/2024 9:00	830.75	0
323657	1/5/2024 19:09	1/6/2024 9:00	830.75	0
304845	1/5/2024 19:09	1/6/2024 9:00	830.75	0
304265	1/5/2024 19:09	1/6/2024 9:00	830.75	0
8495805	1/5/2024 19:09	1/6/2024 9:00	830.9	0
449377	1/5/2024 19:09	1/5/2024 20:07	58	0
561349	1/5/2024 19:10	1/6/2024 9:00	829.9	0
319279	1/5/2024 19:10	1/6/2024 9:00	829.75	0
1680798	1/5/2024 19:10	1/6/2024 8:31	801	0
303030	1/5/2024 19:10	1/6/2024 9:00	829.75	0
324045	1/5/2024 19:10	1/6/2024 9:00	829.75	0
642003	1/5/2024 19:10	1/6/2024 9:00	829.9	0
8068454	1/5/2024 19:10	1/6/2024 9:00	829.9	0
8605921	1/5/2024 19:10	1/6/2024 9:00	829.75	0
504578	1/5/2024 19:11	1/6/2024 9:00	828.9	0
304295	1/5/2024 19:11	1/6/2024 9:00	828.75	0
304084	1/5/2024 19:13	1/6/2024 9:00	826.75	0
266010	1/5/2024 19:15	1/6/2024 9:00	824.75	0
277301	1/5/2024 19:17	1/6/2024 9:00	822.75	0
380057	1/5/2024 19:18	1/6/2024 9:00	821.9	0
817260	1/5/2024 19:23	1/6/2024 9:00	816.32	0
989680	1/5/2024 19:38	1/6/2024 9:00	801.43	0
197690	1/5/2024 19:46	1/6/2024 9:00	793.75	0
449377	1/5/2024 20:07	1/5/2024 20:55	48	0
188639	1/5/2024 20:27	1/6/2024 9:00	752.75	0
7533405	1/5/2024 20:29	1/6/2024 9:00	750.75	0
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449377	1/5/2024 21:05	1/5/2024 21:47	42	0

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449377	1/5/2024 22:56	1/5/2024 23:56	60	0
195216	1/5/2024 23:50	1/6/2024 9:00	549.75	0
449377	1/5/2024 23:56	1/6/2024 0:21	25	0
449377	1/6/2024 0:21	1/6/2024 0:35	14	0
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449377	1/6/2024 2:41	1/6/2024 3:34	53	0
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449377	1/6/2024 6:06	1/6/2024 6:43	37	0
449377	1/6/2024 6:43	1/6/2024 7:14	31	0
174815	1/6/2024 7:10	1/6/2024 9:00	109.75	0
449377	1/6/2024 7:14	1/6/2024 8:33	79	0
1433348	1/6/2024 7:52	1/6/2024 9:00	67.18	0
1432940	1/6/2024 7:55	1/6/2024 9:00	64.18	0
1445317	1/6/2024 7:56	1/6/2024 9:00	63.18	0
1444809	1/6/2024 7:57	1/6/2024 9:00	62.18	0
1430553	1/6/2024 7:59	1/6/2024 9:00	60.18	0
1394365	1/6/2024 8:02	1/6/2024 9:00	57.02	0
9063373	1/6/2024 8:04	1/6/2024 9:00	55.02	0
1430838	1/6/2024 8:05	1/6/2024 9:00	54.18	0
1394324	1/6/2024 8:06	1/6/2024 9:00	53.02	0
1512146	1/6/2024 8:08	1/6/2024 9:00	51.18	0
1433697	1/6/2024 8:08	1/6/2024 9:00	51.9	0
1493132	1/6/2024 8:16	1/6/2024 9:00	43.02	0
1376158	1/6/2024 8:16	1/6/2024 9:00	43.02	0
979888	1/6/2024 8:16	1/6/2024 9:00	43.43	0
1375227	1/6/2024 8:16	1/6/2024 9:00	43.02	0
981933	1/6/2024 8:17	1/6/2024 9:00	42.43	0
982261	1/6/2024 8:17	1/6/2024 9:00	42.43	0
347230	1/6/2024 8:27	1/6/2024 8:43	16	0
1680798	1/6/2024 8:31	1/6/2024 9:00	28.75	0
449377	1/6/2024 8:33	1/6/2024 8:54	21	0
1093889	1/6/2024 8:34	1/6/2024 9:00	25.9	0
1093722	1/6/2024 8:36	1/6/2024 9:00	23.9	0
1351588	1/6/2024 8:38	1/6/2024 9:00	21.02	0
1350598	1/6/2024 8:40	1/6/2024 9:00	19.02	0
1349502	1/6/2024 8:42	1/6/2024 9:00	17.02	0
347230	1/6/2024 8:43	1/6/2024 8:58	15	0
306565	1/6/2024 8:43	1/6/2024 9:00	16.75	0
8621797	1/6/2024 8:44	1/6/2024 9:00	15.75	0
307661	1/6/2024 8:45	1/6/2024 9:00	14.75	0
449377	1/6/2024 8:54	1/6/2024 9:00	5.9	0

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347230	1/6/2024 8:58	1/6/2024 9:00	1.75	0
353728	1/6/2024 9:00	1/7/2024 9:00	1439.75	0
1552990	1/6/2024 9:00	1/7/2024 9:00	1439.18	0
1093889	1/6/2024 9:00	1/6/2024 15:51	411	0
195216	1/6/2024 9:00	1/7/2024 9:00	1439.75	0
8668965	1/6/2024 9:00	1/7/2024 9:00	1439.9	0
1516786	1/6/2024 9:00	1/7/2024 9:00	1439.18	0
1333801	1/6/2024 9:00	1/6/2024 11:30	150	0
1985687	1/6/2024 9:00	1/7/2024 9:00	1439.9	0
6761269	1/6/2024 9:00	1/6/2024 10:35	95	0
509233	1/6/2024 9:00	1/7/2024 9:00	1439.9	0
1394324	1/6/2024 9:00	1/6/2024 10:28	88	0
1552447	1/6/2024 9:00	1/7/2024 9:00	1439.18	0
51957	1/6/2024 9:00	1/6/2024 11:56	176	0
8766703	1/6/2024 9:00	1/7/2024 9:00	1439.43	0
174815	1/6/2024 9:00	1/7/2024 9:00	1439.75	0
1453263	1/6/2024 9:00	1/7/2024 9:00	1439.18	0
980398	1/6/2024 9:01	1/6/2024 15:08	367	0
979888	1/6/2024 9:03	1/6/2024 18:15	552	0
108237	1/6/2024 9:07	1/6/2024 11:45	158	0
1513541	1/6/2024 9:07	1/7/2024 9:00	1432.18	0
1093722	1/6/2024 9:07	1/6/2024 14:28	321	0
319279	1/6/2024 9:07	1/7/2024 9:00	1432.75	0
574993	1/6/2024 9:08	1/7/2024 9:00	1431.9	0
1432940	1/6/2024 9:08	1/6/2024 18:15	547	0
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1433697	1/6/2024 9:10	1/6/2024 10:48	98	0
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1351588	1/6/2024 9:10	1/6/2024 17:54	524	0
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1350598	1/6/2024 9:12	1/7/2024 3:18	1086	0
347230	1/6/2024 9:14	1/6/2024 15:43	389	0
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982261	1/6/2024 9:15	1/6/2024 18:39	564	0
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350406	1/6/2024 9:19	1/6/2024 10:27	68	0
349467	1/6/2024 9:22	1/6/2024 16:54	452	0
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1465703	1/6/2024 9:24	1/6/2024 18:25	541	0
1321605	1/6/2024 9:24	1/6/2024 18:04	520	0
808384	1/6/2024 9:25	1/6/2024 11:36	131	0
11120838	1/6/2024 9:26	1/6/2024 16:10	404	0
642003	1/6/2024 9:26	1/6/2024 11:48	142	0
810130	1/6/2024 9:26	1/6/2024 11:37	131	0
573050	1/6/2024 9:34	1/6/2024 11:56	142	0
275018	1/6/2024 9:34	1/6/2024 11:44	130	0

1390184	1/6/2024 9:34	1/6/2024 14:12	278	0
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501613	1/6/2024 9:37	1/6/2024 17:03	446	0
314163	1/6/2024 9:40	1/6/2024 16:45	425	0
315752	1/6/2024 9:41	1/6/2024 15:52	371	0
315380	1/6/2024 9:41	1/6/2024 16:23	402	0
10371797	1/6/2024 9:41	1/6/2024 16:51	430	0
313954	1/6/2024 9:41	1/6/2024 16:25	404	0
314564	1/6/2024 9:41	1/6/2024 15:12	331	0
8621797	1/6/2024 9:42	1/6/2024 16:26	404	0
313731	1/6/2024 9:42	1/6/2024 16:52	430	0
315604	1/6/2024 9:42	1/7/2024 1:15	933	0
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887599	1/6/2024 9:45	1/6/2024 17:34	469	0
350517	1/6/2024 9:45	1/6/2024 15:42	357	0
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1573666	1/6/2024 9:46	1/6/2024 11:37	111	0
8605921	1/6/2024 9:46	1/6/2024 17:22	456	0
251248	1/6/2024 9:46	1/6/2024 11:41	115	0
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9063373	1/6/2024 9:48	1/6/2024 14:10	262	0
251244	1/6/2024 9:48	1/6/2024 11:38	110	0
500173	1/6/2024 9:49	1/6/2024 18:03	494	0
274522	1/6/2024 9:49	1/6/2024 11:44	115	0
1430553	1/6/2024 9:49	1/6/2024 18:17	508	0
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860281	1/6/2024 9:51	1/6/2024 11:47	116	0
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859747	1/6/2024 9:52	1/6/2024 11:43	111	0
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279833	1/6/2024 9:52	1/6/2024 11:46	114	0
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316630	1/6/2024 9:52	1/6/2024 17:02	430	0
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276488	1/6/2024 9:53	1/6/2024 11:46	113	0
1348773	1/6/2024 9:54	1/6/2024 16:54	420	0
808829	1/6/2024 9:54	1/6/2024 18:26	512	0
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643812	1/6/2024 9:54	1/6/2024 16:59	425	0
1509487	1/6/2024 9:55	1/6/2024 17:06	431	0

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1348780	1/6/2024 9:56	1/6/2024 18:00	484	0
1348300	1/6/2024 9:56	1/6/2024 18:10	494	0
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8972545	1/6/2024 9:56	1/6/2024 16:56	420	0
1346671	1/6/2024 9:56	1/6/2024 17:54	478	0
1346665	1/6/2024 9:56	1/6/2024 17:02	426	0
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8734349	1/6/2024 9:58	1/6/2024 18:26	508	0
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1349542	1/6/2024 9:58	1/6/2024 16:20	382	0
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1351539	1/6/2024 9:58	1/6/2024 17:34	456	0
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1702895	1/6/2024 9:58	1/6/2024 18:00	482	0
1349605	1/6/2024 9:58	1/6/2024 16:52	414	0
307661	1/6/2024 9:58	1/7/2024 1:10	912	0
1346455	1/6/2024 9:58	1/6/2024 16:58	420	0
751178	1/6/2024 9:59	1/6/2024 18:46	527	0
1346410	1/6/2024 10:00	1/6/2024 18:24	504	0
304295	1/6/2024 10:02	1/6/2024 15:35	333	0
1493132	1/6/2024 10:02	1/6/2024 18:42	520	0
1375227	1/6/2024 10:02	1/6/2024 18:36	514	0
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454901	1/6/2024 10:03	1/6/2024 11:03	60	0
817260	1/6/2024 10:03	1/6/2024 17:16	433	0
457729	1/6/2024 10:03	1/6/2024 10:34	31	0
1251782	1/6/2024 10:03	1/6/2024 17:29	446	0
455345	1/6/2024 10:04	1/6/2024 10:30	26	0
456099	1/6/2024 10:05	1/6/2024 10:29	24	0
457978	1/6/2024 10:06	1/6/2024 10:27	21	0
1417279	1/6/2024 10:06	1/6/2024 16:36	390	0
1417138	1/6/2024 10:06	1/6/2024 17:14	428	0
498597	1/6/2024 10:07	1/6/2024 17:59	472	0
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455994	1/6/2024 10:07	1/6/2024 10:31	24	0
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1377303	1/6/2024 10:08	1/6/2024 13:54	226	0
1377393	1/6/2024 10:08	1/6/2024 13:54	226	0
562856	1/6/2024 10:10	1/7/2024 9:00	1369.9	0
563241	1/6/2024 10:10	1/7/2024 9:00	1369.9	0
561758	1/6/2024 10:11	1/7/2024 9:00	1368.9	0

160073	1/6/2024 10:11	1/6/2024 18:04	473	0
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6961293	1/6/2024 10:12	1/6/2024 15:27	315	0
313269	1/6/2024 10:12	1/6/2024 16:30	378	0
8524544	1/6/2024 10:12	1/6/2024 15:26	314	0
1444809	1/6/2024 10:17	1/6/2024 18:30	493	0
524184	1/6/2024 10:18	1/6/2024 15:11	293	0
6519807	1/6/2024 10:19	1/6/2024 15:41	322	0
1350104	1/6/2024 10:20	1/6/2024 16:38	378	0
266642	1/6/2024 10:21	1/6/2024 15:40	319	0
265335	1/6/2024 10:21	1/6/2024 16:02	341	0
1349502	1/6/2024 10:22	1/6/2024 16:46	384	0
1565203	1/6/2024 10:22	1/6/2024 17:37	435	0
1680798	1/6/2024 10:22	1/6/2024 17:01	399	0
547577	1/6/2024 10:22	1/6/2024 16:13	351	0
349232	1/6/2024 10:23	1/6/2024 18:21	478	0
346347	1/6/2024 10:23	1/6/2024 16:56	393	0
350399	1/6/2024 10:23	1/6/2024 15:32	309	0
1567316	1/6/2024 10:23	1/6/2024 17:28	425	0
8739323	1/6/2024 10:23	1/6/2024 18:21	478	0
346135	1/6/2024 10:24	1/6/2024 16:26	362	0
7518767	1/6/2024 10:24	1/6/2024 17:08	404	0
345957	1/6/2024 10:24	1/6/2024 16:16	352	0
349969	1/6/2024 10:24	1/6/2024 16:57	393	0
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1576533	1/6/2024 10:25	1/6/2024 17:15	410	0
350328	1/6/2024 10:25	1/6/2024 18:33	488	0
469018	1/6/2024 10:26	1/6/2024 16:02	336	0
926657	1/6/2024 10:26	1/6/2024 10:42	16	0
457978	1/6/2024 10:27	1/6/2024 17:48	441	0
350406	1/6/2024 10:27	1/6/2024 17:01	394	0
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772378	1/6/2024 10:28	1/6/2024 16:46	378	0
997397	1/6/2024 10:28	1/6/2024 17:25	417	0
1430644	1/6/2024 10:28	1/6/2024 18:36	488	0
197883	1/6/2024 10:28	1/6/2024 14:29	241	0
323747	1/6/2024 10:28	1/6/2024 16:04	336	0
1394324	1/6/2024 10:28	1/6/2024 18:32	484	0
504858	1/6/2024 10:28	1/6/2024 16:53	385	0
197629	1/6/2024 10:29	1/6/2024 14:31	242	0
456099	1/6/2024 10:29	1/6/2024 15:20	291	0
454861	1/6/2024 10:29	1/6/2024 18:00	451	0
455629	1/6/2024 10:29	1/6/2024 15:22	293	0
274059	1/6/2024 10:30	1/6/2024 16:20	350	0
324249	1/6/2024 10:30	1/6/2024 15:40	310	0

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274125	1/6/2024 10:31	1/6/2024 11:44	73	0
1683861	1/6/2024 10:31	1/6/2024 14:29	238	0
455994	1/6/2024 10:31	1/6/2024 10:44	13	0
1431752	1/6/2024 10:31	1/6/2024 17:05	394	0
197561	1/6/2024 10:32	1/6/2024 14:28	236	0
323657	1/6/2024 10:32	1/6/2024 16:08	336	0
346288	1/6/2024 10:33	1/6/2024 18:31	478	0
1307027	1/6/2024 10:34	1/6/2024 17:10	396	0
457729	1/6/2024 10:34	1/6/2024 15:50	316	0
196408	1/6/2024 10:34	1/6/2024 15:02	268	0
6761269	1/6/2024 10:35	1/6/2024 18:32	477	0
345647	1/6/2024 10:35	1/6/2024 17:19	404	0
1671958	1/6/2024 10:36	1/6/2024 11:39	63	0
1513398	1/6/2024 10:37	1/6/2024 16:18	341	0
346967	1/6/2024 10:37	1/6/2024 18:25	468	0
1513959	1/6/2024 10:38	1/6/2024 17:11	393	0
1376158	1/6/2024 10:38	1/6/2024 16:50	372	0
1513240	1/6/2024 10:38	1/6/2024 16:35	357	0
342796	1/6/2024 10:38	1/6/2024 16:56	378	0
417158	1/6/2024 10:39	1/6/2024 11:36	57	0
1513911	1/6/2024 10:39	1/6/2024 16:41	362	0
563721	1/6/2024 10:39	1/6/2024 14:09	210	0
418876	1/6/2024 10:40	1/6/2024 11:37	57	0
328113	1/6/2024 10:40	1/6/2024 15:55	315	0
252922	1/6/2024 10:41	1/6/2024 16:07	326	0
11467920	1/6/2024 10:41	1/6/2024 17:26	405	0
1513363	1/6/2024 10:41	1/6/2024 15:56	315	0
1415828	1/6/2024 10:42	1/6/2024 17:58	436	0
1416360	1/6/2024 10:42	1/7/2024 9:00	1337.02	0
926657	1/6/2024 10:42	1/6/2024 16:55	373	0
325050	1/6/2024 10:43	1/6/2024 15:37	294	0
455994	1/6/2024 10:44	1/6/2024 11:13	29	0
281235	1/6/2024 10:44	1/6/2024 11:45	61	0
1664433	1/6/2024 10:44	1/6/2024 11:47	63	0
324045	1/6/2024 10:44	1/6/2024 16:25	341	0
277301	1/6/2024 10:45	1/6/2024 15:41	296	0
800600	1/6/2024 10:45	1/6/2024 17:03	378	0
801004	1/6/2024 10:46	1/6/2024 17:25	399	0
8486022	1/6/2024 10:47	1/6/2024 18:35	468	0
1446401	1/6/2024 10:47	1/6/2024 16:47	360	0
1433697	1/6/2024 10:48	1/6/2024 10:53	5	0
800588	1/6/2024 10:48	1/6/2024 17:06	378	0
800590	1/6/2024 10:49	1/6/2024 17:06	377	0
21820	1/6/2024 10:49	1/6/2024 15:11	262	0
21306	1/6/2024 10:49	1/6/2024 15:11	262	0
1190246	1/6/2024 10:50	1/6/2024 17:44	414	0

564518	1/6/2024 10:50	1/6/2024 16:05	315	0
1093833	1/6/2024 10:51	1/6/2024 16:06	315	0
1378128	1/6/2024 10:52	1/6/2024 16:34	342	0
7533405	1/6/2024 10:52	1/6/2024 19:14	502	0
1290180	1/6/2024 10:52	1/6/2024 18:14	442	0
10433250	1/6/2024 10:52	1/6/2024 11:24	32	0
5212517	1/6/2024 10:53	1/6/2024 16:24	331	0
567126	1/6/2024 10:53	1/6/2024 17:59	426	0
1433697	1/6/2024 10:53	1/6/2024 16:51	358	0
1599209	1/6/2024 10:54	1/6/2024 14:08	194	0
817825	1/6/2024 10:54	1/6/2024 17:07	373	0
816722	1/6/2024 10:54	1/6/2024 16:46	352	0
1597556	1/6/2024 10:55	1/6/2024 17:13	378	0
6162957	1/6/2024 10:55	1/6/2024 11:37	42	0
250996	1/6/2024 10:55	1/6/2024 11:42	47	0
197690	1/6/2024 10:59	1/6/2024 14:29	210	0
675499	1/6/2024 11:00	1/7/2024 9:00	1319.87	0
580808	1/6/2024 11:01	1/6/2024 17:51	410	0
313011	1/6/2024 11:02	1/6/2024 16:43	341	0
454901	1/6/2024 11:03	1/6/2024 15:10	247	0
611270	1/6/2024 11:03	1/6/2024 16:20	317	0
611116	1/6/2024 11:04	1/6/2024 16:29	325	0
346185	1/6/2024 11:07	1/6/2024 16:11	304	0
6828301	1/6/2024 11:09	1/6/2024 11:39	30	0
455994	1/6/2024 11:13	1/6/2024 15:11	238	0
1431804	1/6/2024 11:14	1/6/2024 17:37	383	0
8495805	1/6/2024 11:15	1/6/2024 17:23	368	0
1385122	1/6/2024 11:16	1/6/2024 14:34	198	0
504578	1/6/2024 11:17	1/6/2024 17:06	349	0
1494722	1/6/2024 11:20	1/6/2024 18:46	446	0
1385431	1/6/2024 11:20	1/6/2024 14:32	192	0
1493766	1/6/2024 11:20	1/6/2024 14:32	192	0
8495802	1/6/2024 11:21	1/6/2024 11:37	16	0
308058	1/6/2024 11:22	1/6/2024 15:24	242	0
1378273	1/6/2024 11:22	1/6/2024 15:54	272	0
1393699	1/6/2024 11:22	1/6/2024 18:30	428	0
1375642	1/6/2024 11:22	1/6/2024 17:28	366	0
596091	1/6/2024 11:23	1/6/2024 17:22	359	0
48217	1/6/2024 11:23	1/6/2024 11:55	32	0
7937779	1/6/2024 11:24	1/6/2024 15:56	272	0
446329	1/6/2024 11:24	1/6/2024 17:58	394	0
10433250	1/6/2024 11:24	1/6/2024 15:52	268	0
1378582	1/6/2024 11:24	1/6/2024 16:02	278	0
587455	1/6/2024 11:26	1/6/2024 17:07	341	0
466549	1/6/2024 11:26	1/6/2024 17:23	357	0
344958	1/6/2024 11:28	1/6/2024 16:49	321	0
1332906	1/6/2024 11:28	1/6/2024 14:16	168	0

445867	1/6/2024 11:29	1/6/2024 16:16	287	0
1333801	1/6/2024 11:30	1/6/2024 14:18	168	0
808384	1/6/2024 11:36	1/6/2024 12:18	42	0
417158	1/6/2024 11:36	1/6/2024 11:52	16	0
810130	1/6/2024 11:37	1/6/2024 17:13	336	0
8495802	1/6/2024 11:37	1/6/2024 18:10	393	0
418876	1/6/2024 11:37	1/6/2024 11:52	15	0
6162957	1/6/2024 11:37	1/6/2024 12:56	79	0
1573666	1/6/2024 11:37	1/6/2024 11:52	15	0
251244	1/6/2024 11:38	1/6/2024 12:57	79	0
251189	1/6/2024 11:38	1/6/2024 12:52	74	0
1671958	1/6/2024 11:39	1/6/2024 11:54	15	0
6828301	1/6/2024 11:39	1/6/2024 12:54	75	0
251248	1/6/2024 11:41	1/6/2024 17:54	373	0
1412123	1/6/2024 11:42	1/6/2024 11:58	16	0
250996	1/6/2024 11:42	1/6/2024 12:56	74	0
4173986	1/6/2024 11:43	1/6/2024 12:56	73	0
859747	1/6/2024 11:43	1/6/2024 11:58	15	0
274522	1/6/2024 11:44	1/6/2024 12:58	74	0
275018	1/6/2024 11:44	1/6/2024 12:37	53	0
274125	1/6/2024 11:44	1/6/2024 12:57	73	0
281235	1/6/2024 11:45	1/6/2024 15:57	252	0
108237	1/6/2024 11:45	1/6/2024 12:01	16	0
279833	1/6/2024 11:46	1/6/2024 13:00	74	0
275495	1/6/2024 11:46	1/6/2024 12:57	71	0
276488	1/6/2024 11:46	1/6/2024 12:56	70	0
1664433	1/6/2024 11:47	1/6/2024 17:33	346	0
860281	1/6/2024 11:47	1/6/2024 12:02	15	0
642003	1/6/2024 11:48	1/6/2024 17:55	367	0
1573666	1/6/2024 11:52	1/6/2024 12:08	16	0
418876	1/6/2024 11:52	1/6/2024 12:55	63	0
417158	1/6/2024 11:52	1/6/2024 12:55	63	0
1671958	1/6/2024 11:54	1/6/2024 12:52	58	0
48217	1/6/2024 11:55	1/6/2024 12:58	63	0
51957	1/6/2024 11:56	1/6/2024 13:09	73	0
573050	1/6/2024 11:56	1/6/2024 12:11	15	0
1434316	1/6/2024 11:58	1/7/2024 9:00	1261.18	0
859747	1/6/2024 11:58	1/6/2024 12:14	16	0
1412123	1/6/2024 11:58	1/6/2024 12:14	16	0
1434359	1/6/2024 11:59	1/7/2024 9:00	1260.18	0
108237	1/6/2024 12:01	1/6/2024 15:46	225	0
860281	1/6/2024 12:02	1/6/2024 17:12	310	0
803317	1/6/2024 12:03	1/7/2024 9:00	1256.87	0
1573666	1/6/2024 12:08	1/7/2024 9:00	1251.18	0
573050	1/6/2024 12:11	1/6/2024 13:57	106	0
314188	1/6/2024 12:11	1/7/2024 9:00	1248.75	0
315730	1/6/2024 12:12	1/7/2024 9:00	1247.75	0

1412123	1/6/2024 12:14	1/6/2024 14:14	120	0
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859747	1/6/2024 12:14	1/7/2024 9:00	1245.87	0
315169	1/6/2024 12:14	1/7/2024 9:00	1245.75	0
7178975	1/6/2024 12:17	1/7/2024 9:00	1242.75	0
808384	1/6/2024 12:18	1/6/2024 17:19	301	0
275018	1/6/2024 12:37	1/6/2024 14:27	110	0
1671958	1/6/2024 12:52	1/6/2024 14:22	90	0
251189	1/6/2024 12:52	1/6/2024 13:55	63	0
6828301	1/6/2024 12:54	1/6/2024 14:39	105	0
417158	1/6/2024 12:55	1/6/2024 14:24	89	0
311724	1/6/2024 12:55	1/6/2024 13:42	47	0
418876	1/6/2024 12:55	1/6/2024 14:25	90	0
4173986	1/6/2024 12:56	1/7/2024 9:00	1203.75	0
250996	1/6/2024 12:56	1/6/2024 14:40	104	0
6162957	1/6/2024 12:56	1/6/2024 14:42	106	0
276488	1/6/2024 12:56	1/7/2024 9:00	1203.75	0
251244	1/6/2024 12:57	1/7/2024 9:00	1202.75	0
275495	1/6/2024 12:57	1/7/2024 9:00	1202.75	0
312706	1/6/2024 12:57	1/6/2024 13:45	48	0
274125	1/6/2024 12:57	1/6/2024 14:27	90	0
7902724	1/6/2024 12:58	1/6/2024 16:18	200	0
274522	1/6/2024 12:58	1/7/2024 9:00	1201.75	0
48217	1/6/2024 12:58	1/6/2024 15:56	178	0
314350	1/6/2024 12:58	1/6/2024 13:40	42	0
311322	1/6/2024 12:59	1/6/2024 13:41	42	0
11832097	1/6/2024 13:00	1/6/2024 16:19	199	0
279833	1/6/2024 13:00	1/7/2024 9:00	1199.75	0
8910809	1/6/2024 13:04	1/6/2024 14:22	78	0
380057	1/6/2024 13:06	1/6/2024 14:23	77	0
7879030	1/6/2024 13:07	1/6/2024 14:20	73	0
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51957	1/6/2024 13:09	1/6/2024 14:28	79	0
6995795	1/6/2024 13:10	1/6/2024 14:24	74	0
1443586	1/6/2024 13:29	1/6/2024 13:45	16	0
314350	1/6/2024 13:40	1/6/2024 17:01	201	0
311322	1/6/2024 13:41	1/6/2024 15:27	106	0
311724	1/6/2024 13:42	1/6/2024 16:24	162	0
1444966	1/6/2024 13:44	1/6/2024 15:44	120	0
1443586	1/6/2024 13:45	1/6/2024 15:46	121	0
312706	1/6/2024 13:45	1/6/2024 16:54	189	0
1377393	1/6/2024 13:54	1/6/2024 18:20	266	0
1377303	1/6/2024 13:54	1/6/2024 14:16	22	0
251189	1/6/2024 13:55	1/6/2024 14:11	16	0
573050	1/6/2024 13:57	1/6/2024 14:12	15	0
1599209	1/6/2024 14:08	1/6/2024 17:01	173	0
563721	1/6/2024 14:09	1/6/2024 16:10	121	0

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9063373	1/6/2024 14:10	1/6/2024 14:26	16	0
583848	1/6/2024 14:10	1/6/2024 16:26	136	0
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1390184	1/6/2024 14:12	1/6/2024 14:28	16	0
54324	1/6/2024 14:13	1/6/2024 16:29	136	0
1310926	1/6/2024 14:14	1/6/2024 18:38	264	0
1412123	1/6/2024 14:14	1/6/2024 14:30	16	0
1435127	1/6/2024 14:14	1/6/2024 14:30	16	0
1394365	1/6/2024 14:16	1/6/2024 17:34	198	0
1377303	1/6/2024 14:16	1/6/2024 17:02	166	0
1332906	1/6/2024 14:16	1/6/2024 17:04	168	0
1685329	1/6/2024 14:18	1/6/2024 17:42	204	0
1333801	1/6/2024 14:18	1/6/2024 17:02	164	0
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7879030	1/6/2024 14:20	1/6/2024 14:36	16	0
1671958	1/6/2024 14:22	1/6/2024 16:07	105	0
8910809	1/6/2024 14:22	1/6/2024 14:38	16	0
380057	1/6/2024 14:23	1/6/2024 14:33	10	0
417158	1/6/2024 14:24	1/6/2024 16:09	105	0
6995795	1/6/2024 14:24	1/6/2024 16:14	110	0
1556565	1/6/2024 14:25	1/6/2024 16:26	121	0
418876	1/6/2024 14:25	1/6/2024 16:10	105	0
1556352	1/6/2024 14:25	1/6/2024 16:04	99	0
9063373	1/6/2024 14:26	1/6/2024 14:42	16	0
274125	1/6/2024 14:27	1/6/2024 14:47	20	0
275018	1/6/2024 14:27	1/6/2024 14:43	16	0
1093722	1/6/2024 14:28	1/6/2024 15:41	73	0
197561	1/6/2024 14:28	1/6/2024 14:44	16	0
51957	1/6/2024 14:28	1/6/2024 16:12	104	0
573050	1/6/2024 14:28	1/6/2024 14:43	15	0
1390184	1/6/2024 14:28	1/6/2024 14:44	16	0
1683861	1/6/2024 14:29	1/6/2024 14:44	15	0
1556486	1/6/2024 14:29	1/6/2024 16:29	120	0
197883	1/6/2024 14:29	1/6/2024 14:46	17	0
197690	1/6/2024 14:29	1/6/2024 14:50	21	0
1412123	1/6/2024 14:30	1/6/2024 15:16	46	0
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197629	1/6/2024 14:31	1/6/2024 14:47	16	0
1493766	1/6/2024 14:32	1/6/2024 18:30	238	0
1385431	1/6/2024 14:32	1/6/2024 18:36	244	0
195839	1/6/2024 14:32	1/6/2024 15:30	58	0
380057	1/6/2024 14:33	1/6/2024 16:55	142	0
872542	1/6/2024 14:33	1/6/2024 15:04	31	0
1385122	1/6/2024 14:34	1/6/2024 16:32	118	0
7879030	1/6/2024 14:36	1/6/2024 16:16	100	0

47769	1/6/2024 14:38	1/6/2024 14:59	21	0
8910809	1/6/2024 14:38	1/6/2024 15:25	47	0
6828301	1/6/2024 14:39	1/6/2024 18:34	235	0
250996	1/6/2024 14:40	1/6/2024 16:09	89	0
326453	1/6/2024 14:41	1/6/2024 15:33	52	0
267537	1/6/2024 14:42	1/6/2024 18:18	216	0
6162957	1/6/2024 14:42	1/6/2024 15:28	46	0
9063373	1/6/2024 14:42	1/6/2024 18:44	242	0
275018	1/6/2024 14:43	1/6/2024 15:25	42	0
573050	1/6/2024 14:43	1/6/2024 17:26	163	0
197561	1/6/2024 14:44	1/6/2024 15:05	21	0
1683861	1/6/2024 14:44	1/6/2024 18:28	224	0
1390184	1/6/2024 14:44	1/6/2024 17:38	174	0
324290	1/6/2024 14:44	1/6/2024 15:20	36	0
1266649	1/6/2024 14:46	1/6/2024 17:28	162	0
197883	1/6/2024 14:46	1/6/2024 15:06	20	0
274125	1/6/2024 14:47	1/6/2024 15:29	42	0
10371746	1/6/2024 14:47	1/6/2024 16:11	84	0
197629	1/6/2024 14:47	1/7/2024 2:16	689	0
49209	1/6/2024 14:49	1/6/2024 15:15	26	0
197690	1/6/2024 14:50	1/6/2024 15:05	15	0
1393633	1/6/2024 14:50	1/6/2024 16:10	80	0
1624452	1/6/2024 14:55	1/6/2024 17:17	142	0
1434659	1/6/2024 14:57	1/6/2024 16:37	100	0
1446785	1/6/2024 14:58	1/6/2024 17:51	173	0
1313814	1/6/2024 14:58	1/6/2024 17:56	178	0
47769	1/6/2024 14:59	1/7/2024 9:00	1080.75	0
1316395	1/6/2024 15:00	1/6/2024 17:28	148	0
196408	1/6/2024 15:02	1/7/2024 9:00	1077.75	0
872542	1/6/2024 15:04	1/6/2024 16:17	73	0
1516739	1/6/2024 15:04	1/7/2024 9:00	1075.18	0
197561	1/6/2024 15:05	1/6/2024 15:16	11	0
197690	1/6/2024 15:05	1/7/2024 9:00	1074.75	0
1403562	1/6/2024 15:06	1/6/2024 16:40	94	0
197883	1/6/2024 15:06	1/6/2024 15:17	11	0
306565	1/6/2024 15:06	1/6/2024 15:22	16	0
1503507	1/6/2024 15:08	1/6/2024 16:48	100	0
980398	1/6/2024 15:08	1/6/2024 18:17	189	0
304785	1/6/2024 15:08	1/6/2024 15:24	16	0
454901	1/6/2024 15:10	1/6/2024 15:15	5	0
524184	1/6/2024 15:11	1/7/2024 9:00	1068.75	0
21306	1/6/2024 15:11	1/7/2024 9:00	1068.75	0
21820	1/6/2024 15:11	1/7/2024 9:00	1068.75	0
455994	1/6/2024 15:11	1/6/2024 15:31	20	0
314564	1/6/2024 15:12	1/6/2024 15:17	5	0
1524033	1/6/2024 15:13	1/6/2024 15:49	36	0
454901	1/6/2024 15:15	1/7/2024 1:11	596	0

49209	1/6/2024 15:15	1/7/2024 9:00	1064.75	0
1412123	1/6/2024 15:16	1/6/2024 16:56	100	0
197561	1/6/2024 15:16	1/7/2024 1:02	586	0
314564	1/6/2024 15:17	1/7/2024 1:09	592	0
197883	1/6/2024 15:17	1/7/2024 1:10	593	0
324290	1/6/2024 15:20	1/6/2024 15:31	11	0
456099	1/6/2024 15:20	1/6/2024 15:30	10	0
549237	1/6/2024 15:21	1/6/2024 17:22	121	0
975066	1/6/2024 15:21	1/6/2024 15:47	26	0
306565	1/6/2024 15:22	1/7/2024 1:07	585	0
455629	1/6/2024 15:22	1/6/2024 15:29	7	0
1356810	1/6/2024 15:22	1/6/2024 16:56	94	0
1619681	1/6/2024 15:22	1/6/2024 17:36	134	0
304785	1/6/2024 15:24	1/7/2024 1:11	587	0
308058	1/6/2024 15:24	1/7/2024 9:00	1055.75	0
1619720	1/6/2024 15:24	1/6/2024 17:40	136	0
275018	1/6/2024 15:25	1/6/2024 15:30	5	0
449036	1/6/2024 15:25	1/7/2024 1:08	583	0
8910809	1/6/2024 15:25	1/7/2024 9:00	1054.9	0
8524544	1/6/2024 15:26	1/7/2024 9:00	1053.75	0
304845	1/6/2024 15:27	1/6/2024 15:38	11	0
6961293	1/6/2024 15:27	1/6/2024 16:04	37	0
311322	1/6/2024 15:27	1/6/2024 16:25	58	0
6162957	1/6/2024 15:28	1/7/2024 9:00	1051.75	0
449377	1/6/2024 15:28	1/6/2024 16:47	79	0
455629	1/6/2024 15:29	1/7/2024 1:21	592	0
274125	1/6/2024 15:29	1/7/2024 9:00	1050.75	0
456099	1/6/2024 15:30	1/7/2024 1:23	593	0
275018	1/6/2024 15:30	1/7/2024 1:23	593	0
195839	1/6/2024 15:30	1/7/2024 9:00	1049.75	0
455994	1/6/2024 15:31	1/6/2024 15:43	12	0
324290	1/6/2024 15:31	1/7/2024 1:22	591	0
350399	1/6/2024 15:32	1/7/2024 9:00	1047.75	0
326453	1/6/2024 15:33	1/7/2024 9:00	1046.75	0
304295	1/6/2024 15:35	1/6/2024 15:40	5	0
325050	1/6/2024 15:37	1/6/2024 15:47	10	0
304845	1/6/2024 15:38	1/7/2024 1:26	588	0
418291	1/6/2024 15:39	1/6/2024 18:00	141	0
324249	1/6/2024 15:40	1/6/2024 15:45	5	0
266642	1/6/2024 15:40	1/7/2024 9:00	1039.75	0
304295	1/6/2024 15:40	1/7/2024 1:36	596	0
549259	1/6/2024 15:40	1/6/2024 16:06	26	0
277301	1/6/2024 15:41	1/7/2024 9:00	1038.75	0
1093722	1/6/2024 15:41	1/6/2024 16:02	21	0
498070	1/6/2024 15:41	1/6/2024 15:47	6	0
6519807	1/6/2024 15:41	1/7/2024 9:00	1038.75	0
350517	1/6/2024 15:42	1/6/2024 15:57	15	0

455994	1/6/2024 15:43	1/6/2024 16:13	30	0
347230	1/6/2024 15:43	1/6/2024 15:53	10	0
350346	1/6/2024 15:44	1/6/2024 15:54	10	0
1444966	1/6/2024 15:44	1/6/2024 18:22	158	0
324249	1/6/2024 15:45	1/7/2024 1:42	597	0
1443586	1/6/2024 15:46	1/6/2024 17:10	84	0
108237	1/6/2024 15:46	1/7/2024 9:00	1033.75	0
975066	1/6/2024 15:47	1/6/2024 18:40	173	0
498070	1/6/2024 15:47	1/7/2024 1:40	593	0
325050	1/6/2024 15:47	1/7/2024 1:36	589	0
1524033	1/6/2024 15:49	1/7/2024 1:11	562	0
457729	1/6/2024 15:50	1/7/2024 9:00	1029.9	0
1093889	1/6/2024 15:51	1/6/2024 16:02	11	0
10433250	1/6/2024 15:52	1/7/2024 9:00	1027.02	0
315752	1/6/2024 15:52	1/6/2024 16:02	10	0
347230	1/6/2024 15:53	1/7/2024 1:46	593	0
350346	1/6/2024 15:54	1/7/2024 1:47	593	0
1378273	1/6/2024 15:54	1/6/2024 17:24	90	0
328113	1/6/2024 15:55	1/6/2024 16:42	47	0
7937779	1/6/2024 15:56	1/7/2024 9:00	1023.02	0
1513363	1/6/2024 15:56	1/7/2024 9:00	1023.18	0
48217	1/6/2024 15:56	1/7/2024 9:00	1023.75	0
281235	1/6/2024 15:57	1/7/2024 9:00	1022.75	0
350517	1/6/2024 15:57	1/6/2024 18:40	163	0
793638	1/6/2024 16:01	1/6/2024 16:06	5	0
265335	1/6/2024 16:02	1/7/2024 9:00	1017.75	0
469018	1/6/2024 16:02	1/6/2024 16:13	11	0
1093722	1/6/2024 16:02	1/7/2024 1:44	582	0
315752	1/6/2024 16:02	1/7/2024 2:18	616	0
1378582	1/6/2024 16:02	1/7/2024 9:00	1017.02	0
1093889	1/6/2024 16:02	1/7/2024 1:55	593	0
1556352	1/6/2024 16:04	1/7/2024 9:00	1015.18	0
323747	1/6/2024 16:04	1/7/2024 9:00	1015.75	0
6961293	1/6/2024 16:04	1/7/2024 1:26	562	0
564518	1/6/2024 16:05	1/7/2024 9:00	1014.9	0
1093833	1/6/2024 16:06	1/7/2024 9:00	1013.9	0
793638	1/6/2024 16:06	1/6/2024 16:58	52	0
549259	1/6/2024 16:06	1/7/2024 9:00	1013.9	0
1671958	1/6/2024 16:07	1/6/2024 18:07	120	0
252922	1/6/2024 16:07	1/7/2024 9:00	1012.75	0
323657	1/6/2024 16:08	1/7/2024 9:00	1011.75	0
417158	1/6/2024 16:09	1/6/2024 16:46	37	0
250996	1/6/2024 16:09	1/7/2024 9:00	1010.75	0
563721	1/6/2024 16:10	1/7/2024 9:00	1009.9	0
11120838	1/6/2024 16:10	1/6/2024 16:31	21	0
1393633	1/6/2024 16:10	1/6/2024 18:04	114	0
418876	1/6/2024 16:10	1/6/2024 18:00	110	0

346185	1/6/2024 16:11	1/7/2024 9:00	1008.75	0
10371746	1/6/2024 16:11	1/7/2024 9:00	1008.9	0
51957	1/6/2024 16:12	1/7/2024 9:00	1007.75	0
469018	1/6/2024 16:13	1/7/2024 2:01	588	0
547577	1/6/2024 16:13	1/7/2024 9:00	1006.75	0
455994	1/6/2024 16:13	1/6/2024 17:27	74	0
6995795	1/6/2024 16:14	1/7/2024 9:00	1005.9	0
251189	1/6/2024 16:16	1/7/2024 9:00	1003.75	0
445867	1/6/2024 16:16	1/7/2024 9:00	1003.9	0
7879030	1/6/2024 16:16	1/7/2024 9:00	1003.9	0
345957	1/6/2024 16:16	1/7/2024 9:00	1003.75	0
872542	1/6/2024 16:17	1/7/2024 9:00	1002.87	0
1513398	1/6/2024 16:18	1/6/2024 16:40	22	0
7902724	1/6/2024 16:18	1/7/2024 8:29	971	0
11832097	1/6/2024 16:19	1/7/2024 9:00	1000.75	0
1349542	1/6/2024 16:20	1/6/2024 16:52	32	0
611270	1/6/2024 16:20	1/7/2024 9:00	999.9	0
274059	1/6/2024 16:20	1/7/2024 9:00	999.75	0
315380	1/6/2024 16:23	1/6/2024 16:33	10	0
5212517	1/6/2024 16:24	1/7/2024 9:00	995.75	0
311724	1/6/2024 16:24	1/6/2024 16:50	26	0
313954	1/6/2024 16:25	1/6/2024 16:30	5	0
324045	1/6/2024 16:25	1/7/2024 9:00	994.75	0
311322	1/6/2024 16:25	1/6/2024 20:16	231	0
583848	1/6/2024 16:26	1/7/2024 9:00	993.9	0
346135	1/6/2024 16:26	1/7/2024 9:00	993.75	0
1556565	1/6/2024 16:26	1/7/2024 9:00	993.18	0
8621797	1/6/2024 16:26	1/6/2024 16:37	11	0
381982	1/6/2024 16:27	1/7/2024 9:00	992.9	0
1556486	1/6/2024 16:29	1/7/2024 9:00	990.18	0
54324	1/6/2024 16:29	1/7/2024 9:00	990.75	0
611116	1/6/2024 16:29	1/7/2024 9:00	990.9	0
1349244	1/6/2024 16:30	1/6/2024 16:52	22	0
313954	1/6/2024 16:30	1/7/2024 2:24	594	0
313269	1/6/2024 16:30	1/7/2024 9:00	989.75	0
1348444	1/6/2024 16:30	1/6/2024 16:34	4	0
11120838	1/6/2024 16:31	1/7/2024 2:09	578	0
1348976	1/6/2024 16:32	1/6/2024 17:02	30	0
1509486	1/6/2024 16:32	1/7/2024 9:00	987.18	0
1385122	1/6/2024 16:32	1/7/2024 9:00	987.02	0
315380	1/6/2024 16:33	1/7/2024 2:20	587	0
1349083	1/6/2024 16:34	1/6/2024 16:50	16	0
1348444	1/6/2024 16:34	1/7/2024 2:34	600	0
1349766	1/6/2024 16:34	1/6/2024 16:50	16	0
1378128	1/6/2024 16:34	1/7/2024 9:00	985.02	0
304265	1/6/2024 16:35	1/7/2024 2:35	600	0
1513240	1/6/2024 16:35	1/6/2024 16:41	6	0

1351069	1/6/2024 16:36	1/6/2024 16:52	16	0
1435127	1/6/2024 16:36	1/7/2024 9:00	983.18	0
1417279	1/6/2024 16:36	1/7/2024 9:00	983.02	0
643434	1/6/2024 16:36	1/7/2024 9:00	983.9	0
8621797	1/6/2024 16:37	1/7/2024 2:27	590	0
1434659	1/6/2024 16:37	1/7/2024 9:00	982.18	0
1350104	1/6/2024 16:38	1/6/2024 16:48	10	0
1403562	1/6/2024 16:40	1/7/2024 9:00	979.02	0
1513398	1/6/2024 16:40	1/7/2024 2:17	577	0
1513240	1/6/2024 16:41	1/7/2024 2:34	593	0
1513911	1/6/2024 16:41	1/7/2024 9:00	978.18	0
328113	1/6/2024 16:42	1/7/2024 1:59	557	0
313011	1/6/2024 16:43	1/7/2024 9:00	976.75	0
315616	1/6/2024 16:43	1/7/2024 9:00	976.75	0
314163	1/6/2024 16:45	1/7/2024 9:00	974.75	0
772378	1/6/2024 16:46	1/7/2024 9:00	973.9	0
1368745	1/6/2024 16:46	1/7/2024 9:00	973.02	0
417158	1/6/2024 16:46	1/6/2024 16:51	5	0
816722	1/6/2024 16:46	1/7/2024 9:00	973.87	0
1349502	1/6/2024 16:46	1/7/2024 9:00	973.02	0
449377	1/6/2024 16:47	1/6/2024 17:18	31	0
1446401	1/6/2024 16:47	1/7/2024 9:00	972.18	0
1350104	1/6/2024 16:48	1/7/2024 2:36	588	0
1503507	1/6/2024 16:48	1/7/2024 9:00	971.02	0
344958	1/6/2024 16:49	1/7/2024 9:00	970.75	0
1347949	1/6/2024 16:50	1/7/2024 2:32	582	0
1349177	1/6/2024 16:50	1/7/2024 2:32	582	0
1348044	1/6/2024 16:50	1/7/2024 2:54	604	0
311724	1/6/2024 16:50	1/6/2024 16:56	6	0
1349766	1/6/2024 16:50	1/6/2024 18:14	84	0
1376158	1/6/2024 16:50	1/6/2024 16:56	6	0
1347943	1/6/2024 16:50	1/7/2024 2:18	568	0
1349083	1/6/2024 16:50	1/6/2024 17:06	16	0
10371797	1/6/2024 16:51	1/7/2024 9:00	968.75	0
1445317	1/6/2024 16:51	1/6/2024 17:01	10	0
1433697	1/6/2024 16:51	1/6/2024 17:03	12	0
417158	1/6/2024 16:51	1/7/2024 2:45	594	0
1347937	1/6/2024 16:52	1/7/2024 2:38	586	0
313731	1/6/2024 16:52	1/7/2024 9:00	967.75	0
1349542	1/6/2024 16:52	1/7/2024 2:24	572	0
1351069	1/6/2024 16:52	1/7/2024 2:50	598	0
1347024	1/6/2024 16:52	1/6/2024 17:54	62	0
1702936	1/6/2024 16:52	1/6/2024 16:56	4	0
1349032	1/6/2024 16:52	1/6/2024 18:20	88	0
1349244	1/6/2024 16:52	1/7/2024 2:30	578	0
1349605	1/6/2024 16:52	1/6/2024 17:02	10	0
1347888	1/6/2024 16:52	1/7/2024 2:50	598	0

504858	1/6/2024 16:53	1/7/2024 9:00	966.9	0
349467	1/6/2024 16:54	1/7/2024 9:00	965.75	0
1348130	1/6/2024 16:54	1/6/2024 18:02	68	0
1348773	1/6/2024 16:54	1/6/2024 17:04	10	0
312706	1/6/2024 16:54	1/7/2024 9:00	965.75	0
380057	1/6/2024 16:55	1/7/2024 9:00	964.9	0
926657	1/6/2024 16:55	1/6/2024 17:00	5	0
1702936	1/6/2024 16:56	1/6/2024 17:06	10	0
8972545	1/6/2024 16:56	1/7/2024 9:00	963.9	0
342796	1/6/2024 16:56	1/7/2024 9:00	963.75	0
1356810	1/6/2024 16:56	1/7/2024 9:00	963.02	0
1376158	1/6/2024 16:56	1/7/2024 2:50	594	0
311724	1/6/2024 16:56	1/6/2024 20:25	209	0
346347	1/6/2024 16:56	1/7/2024 9:00	963.75	0
1412123	1/6/2024 16:56	1/7/2024 9:00	963.02	0
349969	1/6/2024 16:57	1/7/2024 9:00	962.75	0
1346455	1/6/2024 16:58	1/6/2024 17:04	6	0
793638	1/6/2024 16:58	1/7/2024 9:00	961.87	0
643812	1/6/2024 16:59	1/7/2024 9:00	960.9	0
926657	1/6/2024 17:00	1/7/2024 2:53	593	0
1680798	1/6/2024 17:01	1/6/2024 17:06	5	0
1599209	1/6/2024 17:01	1/7/2024 9:00	958.18	0
1445317	1/6/2024 17:01	1/7/2024 2:51	590	0
314350	1/6/2024 17:01	1/7/2024 9:00	958.75	0
350406	1/6/2024 17:01	1/7/2024 9:00	958.75	0
2032900	1/6/2024 17:02	1/6/2024 17:18	16	0
1377303	1/6/2024 17:02	1/6/2024 18:38	96	0
1346665	1/6/2024 17:02	1/6/2024 17:06	4	0
316630	1/6/2024 17:02	1/7/2024 9:00	957.75	0
1348976	1/6/2024 17:02	1/7/2024 2:56	594	0
1333801	1/6/2024 17:02	1/7/2024 9:00	957.02	0
1349605	1/6/2024 17:02	1/7/2024 2:56	594	0
1348551	1/6/2024 17:02	1/7/2024 2:30	568	0
800600	1/6/2024 17:03	1/7/2024 9:00	956.87	0
1433697	1/6/2024 17:03	1/7/2024 2:50	587	0
501613	1/6/2024 17:03	1/7/2024 9:00	956.9	0
1348773	1/6/2024 17:04	1/7/2024 2:52	588	0
1332906	1/6/2024 17:04	1/7/2024 9:00	955.02	0
1346455	1/6/2024 17:04	1/7/2024 2:56	592	0
1431752	1/6/2024 17:05	1/7/2024 9:00	954.18	0
1680798	1/6/2024 17:06	1/7/2024 2:59	593	0
1509487	1/6/2024 17:06	1/7/2024 9:00	953.18	0
1702936	1/6/2024 17:06	1/7/2024 2:54	588	0
800588	1/6/2024 17:06	1/7/2024 9:00	953.87	0
1349083	1/6/2024 17:06	1/7/2024 9:00	953.02	0
504578	1/6/2024 17:06	1/7/2024 9:00	953.9	0
1346665	1/6/2024 17:06	1/7/2024 3:06	600	0

800590	1/6/2024 17:06	1/7/2024 9:00	953.87	0
1320008	1/6/2024 17:06	1/6/2024 17:48	42	0
587455	1/6/2024 17:07	1/7/2024 9:00	952.9	0
817825	1/6/2024 17:07	1/7/2024 9:00	952.87	0
7518767	1/6/2024 17:08	1/7/2024 9:00	951.75	0
1512146	1/6/2024 17:08	1/6/2024 17:19	11	0
1443586	1/6/2024 17:10	1/7/2024 9:00	949.18	0
1307027	1/6/2024 17:10	1/7/2024 9:00	949.02	0
1513959	1/6/2024 17:11	1/7/2024 9:00	948.18	0
56060	1/6/2024 17:11	1/6/2024 18:30	79	0
860281	1/6/2024 17:12	1/7/2024 9:00	947.87	0
810130	1/6/2024 17:13	1/7/2024 9:00	946.87	0
1597556	1/6/2024 17:13	1/7/2024 9:00	946.18	0
1417138	1/6/2024 17:14	1/7/2024 9:00	945.02	0
995564	1/6/2024 17:14	1/7/2024 9:00	945.43	0
1576533	1/6/2024 17:15	1/7/2024 9:00	944.18	0
1081237	1/6/2024 17:15	1/7/2024 9:00	944.9	0
817260	1/6/2024 17:16	1/7/2024 9:00	943.87	0
1624452	1/6/2024 17:17	1/7/2024 9:00	942.18	0
449377	1/6/2024 17:18	1/6/2024 18:05	47	0
2032900	1/6/2024 17:18	1/7/2024 3:02	584	0
1512146	1/6/2024 17:19	1/7/2024 3:06	587	0
808384	1/6/2024 17:19	1/7/2024 9:00	940.87	0
345647	1/6/2024 17:19	1/7/2024 9:00	940.75	0
8605921	1/6/2024 17:22	1/7/2024 9:00	937.75	0
549237	1/6/2024 17:22	1/7/2024 9:00	937.9	0
596091	1/6/2024 17:22	1/7/2024 9:00	937.9	0
466549	1/6/2024 17:23	1/7/2024 9:00	936.9	0
8495805	1/6/2024 17:23	1/7/2024 9:00	936.9	0
1378273	1/6/2024 17:24	1/7/2024 1:52	508	0
801004	1/6/2024 17:25	1/7/2024 9:00	934.87	0
997397	1/6/2024 17:25	1/7/2024 9:00	934.43	0
1554218	1/6/2024 17:25	1/6/2024 17:57	32	0
573050	1/6/2024 17:26	1/7/2024 9:00	933.9	0
11467920	1/6/2024 17:26	1/7/2024 9:00	933.18	0
1557303	1/6/2024 17:27	1/6/2024 18:09	42	0
455994	1/6/2024 17:27	1/6/2024 18:15	48	0
1557188	1/6/2024 17:28	1/6/2024 17:54	26	0
1266649	1/6/2024 17:28	1/6/2024 17:34	6	0
1375642	1/6/2024 17:28	1/7/2024 9:00	931.02	0
1567316	1/6/2024 17:28	1/7/2024 9:00	931.18	0
1316395	1/6/2024 17:28	1/7/2024 9:00	931.02	0
1251782	1/6/2024 17:29	1/7/2024 9:00	930.87	0
10659831	1/6/2024 17:31	1/7/2024 9:00	928.18	0
1430294	1/6/2024 17:32	1/7/2024 9:00	927.18	0
1664433	1/6/2024 17:33	1/7/2024 9:00	926.87	0
1266649	1/6/2024 17:34	1/7/2024 3:28	594	0

1394365	1/6/2024 17:34	1/7/2024 9:00	925.02	0
887599	1/6/2024 17:34	1/7/2024 9:00	925.87	0
1351539	1/6/2024 17:34	1/6/2024 17:50	16	0
1619681	1/6/2024 17:36	1/7/2024 9:00	923.18	0
1431804	1/6/2024 17:37	1/7/2024 9:00	922.18	0
1565203	1/6/2024 17:37	1/6/2024 17:53	16	0
1390184	1/6/2024 17:38	1/7/2024 9:00	921.02	0
1619720	1/6/2024 17:40	1/7/2024 9:00	919.18	0
1685329	1/6/2024 17:42	1/7/2024 9:00	917.02	0
1190246	1/6/2024 17:44	1/7/2024 9:00	915.02	0
457978	1/6/2024 17:48	1/7/2024 9:00	911.9	0
1320008	1/6/2024 17:48	1/7/2024 3:10	562	0
1351539	1/6/2024 17:50	1/7/2024 3:32	582	0
580808	1/6/2024 17:51	1/7/2024 9:00	908.9	0
1446785	1/6/2024 17:51	1/7/2024 9:00	908.18	0
1350975	1/6/2024 17:52	1/6/2024 18:18	26	0
1565203	1/6/2024 17:53	1/7/2024 3:36	583	0
1346671	1/6/2024 17:54	1/7/2024 9:00	905.02	0
1557188	1/6/2024 17:54	1/7/2024 9:00	905.18	0
1351588	1/6/2024 17:54	1/7/2024 8:52	898	0
1347024	1/6/2024 17:54	1/7/2024 9:00	905.02	0
251248	1/6/2024 17:54	1/7/2024 9:00	905.75	0
642003	1/6/2024 17:55	1/7/2024 9:00	904.9	0
1313814	1/6/2024 17:56	1/7/2024 9:00	903.02	0
1554218	1/6/2024 17:57	1/7/2024 9:00	902.18	0
1415828	1/6/2024 17:58	1/7/2024 9:00	901.02	0
455345	1/6/2024 17:58	1/7/2024 9:00	901.9	0
446329	1/6/2024 17:58	1/7/2024 9:00	901.9	0
498597	1/6/2024 17:59	1/7/2024 9:00	900.9	0
567126	1/6/2024 17:59	1/7/2024 9:00	900.9	0
454861	1/6/2024 18:00	1/7/2024 9:00	899.9	0
1350499	1/6/2024 18:00	1/6/2024 18:20	20	0
1702895	1/6/2024 18:00	1/7/2024 9:00	899.02	0
1348780	1/6/2024 18:00	1/6/2024 18:20	20	0
418876	1/6/2024 18:00	1/7/2024 9:00	899.9	0
418291	1/6/2024 18:00	1/7/2024 9:00	899.9	0
1348130	1/6/2024 18:02	1/7/2024 9:00	897.02	0
500173	1/6/2024 18:03	1/7/2024 9:00	896.9	0
1321605	1/6/2024 18:04	1/7/2024 9:00	895.02	0
160073	1/6/2024 18:04	1/7/2024 9:00	895.43	0
1393633	1/6/2024 18:04	1/7/2024 9:00	895.02	0
449377	1/6/2024 18:05	1/6/2024 18:48	43	0
644030	1/6/2024 18:05	1/7/2024 9:00	894.9	0
1671958	1/6/2024 18:07	1/7/2024 9:00	892.9	0
1557303	1/6/2024 18:09	1/7/2024 9:00	890.18	0
8495802	1/6/2024 18:10	1/7/2024 9:00	889.18	0
1348300	1/6/2024 18:10	1/6/2024 18:20	10	0

1349338	1/6/2024 18:10	1/6/2024 18:20	10	0
1290180	1/6/2024 18:14	1/7/2024 9:00	885.02	0
1350597	1/6/2024 18:14	1/6/2024 18:20	6	0
1349766	1/6/2024 18:14	1/7/2024 9:00	885.02	0
1432940	1/6/2024 18:15	1/6/2024 18:20	5	0
979888	1/6/2024 18:15	1/7/2024 8:01	826	0
455994	1/6/2024 18:15	1/7/2024 3:28	553	0
1433348	1/6/2024 18:17	1/6/2024 18:33	16	0
1430553	1/6/2024 18:17	1/7/2024 9:00	882.18	0
980398	1/6/2024 18:17	1/7/2024 9:00	882.43	0
1350975	1/6/2024 18:18	1/7/2024 3:56	578	0
267537	1/6/2024 18:18	1/7/2024 9:00	881.75	0
1350499	1/6/2024 18:20	1/7/2024 3:58	578	0
1432940	1/6/2024 18:20	1/6/2024 18:41	21	0
1350597	1/6/2024 18:20	1/7/2024 4:14	594	0
1348780	1/6/2024 18:20	1/7/2024 3:58	578	0
1349338	1/6/2024 18:20	1/7/2024 4:08	588	0
1349032	1/6/2024 18:20	1/7/2024 9:00	879.02	0
1348300	1/6/2024 18:20	1/7/2024 4:14	594	0
1377393	1/6/2024 18:20	1/7/2024 9:00	879.02	0
8739323	1/6/2024 18:21	1/7/2024 9:00	878.75	0
349232	1/6/2024 18:21	1/7/2024 9:00	878.75	0
1444966	1/6/2024 18:22	1/7/2024 9:00	877.18	0
1346410	1/6/2024 18:24	1/7/2024 9:00	875.02	0
346967	1/6/2024 18:25	1/7/2024 9:00	874.75	0
1465703	1/6/2024 18:25	1/7/2024 9:00	874.18	0
808829	1/6/2024 18:26	1/7/2024 9:00	873.87	0
8734349	1/6/2024 18:26	1/7/2024 9:00	873.02	0
1683861	1/6/2024 18:28	1/7/2024 9:00	871.75	0
1493766	1/6/2024 18:30	1/7/2024 9:00	869.02	0
56060	1/6/2024 18:30	1/7/2024 2:38	488	0
1393699	1/6/2024 18:30	1/7/2024 9:00	869.02	0
1444809	1/6/2024 18:30	1/7/2024 9:00	869.18	0
346288	1/6/2024 18:31	1/7/2024 9:00	868.75	0
981933	1/6/2024 18:31	1/7/2024 9:00	868.43	0
1309098	1/6/2024 18:32	1/7/2024 9:00	867.02	0
1394324	1/6/2024 18:32	1/7/2024 9:00	867.02	0
6761269	1/6/2024 18:32	1/7/2024 9:00	867.75	0
350328	1/6/2024 18:33	1/7/2024 9:00	866.75	0
1433348	1/6/2024 18:33	1/7/2024 4:21	588	0
6828301	1/6/2024 18:34	1/7/2024 9:00	865.75	0
8486022	1/6/2024 18:35	1/7/2024 9:00	864.18	0
1385431	1/6/2024 18:36	1/7/2024 9:00	863.02	0
1375227	1/6/2024 18:36	1/7/2024 9:00	863.02	0
1430644	1/6/2024 18:36	1/7/2024 9:00	863.18	0
1377303	1/6/2024 18:38	1/7/2024 9:00	861.02	0
1310926	1/6/2024 18:38	1/7/2024 9:00	861.02	0

982261	1/6/2024 18:39	1/7/2024 8:02	803	0
975066	1/6/2024 18:40	1/7/2024 9:00	859.43	0
350517	1/6/2024 18:40	1/7/2024 8:29	829	0
1432940	1/6/2024 18:41	1/7/2024 7:55	794	0
1493132	1/6/2024 18:42	1/7/2024 9:00	857.02	0
9063373	1/6/2024 18:44	1/7/2024 9:00	855.02	0
1494722	1/6/2024 18:46	1/7/2024 9:00	853.02	0
751178	1/6/2024 18:46	1/7/2024 9:00	853.9	0
449377	1/6/2024 18:48	1/6/2024 19:08	20	0
449377	1/6/2024 19:08	1/6/2024 19:39	31	0
7533405	1/6/2024 19:14	1/7/2024 9:00	825.75	0
312846	1/6/2024 19:37	1/7/2024 9:00	802.75	0
449377	1/6/2024 19:39	1/6/2024 19:50	11	0
449377	1/6/2024 19:50	1/6/2024 19:59	9	0
449377	1/6/2024 19:59	1/6/2024 20:01	2	0
449377	1/6/2024 20:01	1/6/2024 21:09	68	0
311322	1/6/2024 20:16	1/7/2024 9:00	763.75	0
311724	1/6/2024 20:25	1/7/2024 9:00	754.75	0
449377	1/6/2024 21:09	1/6/2024 21:41	32	0
449377	1/6/2024 21:41	1/6/2024 22:49	68	0
449377	1/6/2024 22:49	1/6/2024 23:15	26	0
449377	1/6/2024 23:15	1/6/2024 23:54	39	0
449377	1/6/2024 23:54	1/6/2024 23:57	3	0
449377	1/6/2024 23:57	1/7/2024 0:55	58	0
449377	1/7/2024 0:55	1/7/2024 1:06	11	0
321310	1/7/2024 1:01	1/7/2024 9:00	478.75	0
197561	1/7/2024 1:02	1/7/2024 9:00	477.75	0
449377	1/7/2024 1:06	1/7/2024 1:21	15	0
306565	1/7/2024 1:07	1/7/2024 9:00	472.75	0
304345	1/7/2024 1:08	1/7/2024 9:00	471.75	0
449036	1/7/2024 1:08	1/7/2024 9:00	471.9	0
314564	1/7/2024 1:09	1/7/2024 9:00	470.75	0
197883	1/7/2024 1:10	1/7/2024 9:00	469.75	0
307661	1/7/2024 1:10	1/7/2024 8:57	467	0
304785	1/7/2024 1:11	1/7/2024 9:00	468.75	0
1524033	1/7/2024 1:11	1/7/2024 9:00	468.18	0
454901	1/7/2024 1:11	1/7/2024 9:00	468.9	0
315604	1/7/2024 1:15	1/7/2024 9:00	464.75	0
455629	1/7/2024 1:21	1/7/2024 9:00	458.9	0
449377	1/7/2024 1:21	1/7/2024 2:24	63	0
324290	1/7/2024 1:22	1/7/2024 9:00	457.75	0
275018	1/7/2024 1:23	1/7/2024 9:00	456.75	0
456099	1/7/2024 1:23	1/7/2024 9:00	456.9	0
6961293	1/7/2024 1:26	1/7/2024 9:00	453.75	0
304845	1/7/2024 1:26	1/7/2024 9:00	453.75	0
325050	1/7/2024 1:36	1/7/2024 9:00	443.75	0
304295	1/7/2024 1:36	1/7/2024 9:00	443.75	0

498070	1/7/2024 1:40	1/7/2024 9:00	439.9	0
324249	1/7/2024 1:42	1/7/2024 9:00	437.75	0
1093722	1/7/2024 1:44	1/7/2024 8:23	399	0
347230	1/7/2024 1:46	1/7/2024 9:00	433.75	0
350346	1/7/2024 1:47	1/7/2024 9:00	432.75	0
1378273	1/7/2024 1:52	1/7/2024 9:00	427.02	0
1093889	1/7/2024 1:55	1/7/2024 8:24	389	0
328113	1/7/2024 1:59	1/7/2024 9:00	420.75	0
469018	1/7/2024 2:01	1/7/2024 9:00	418.9	0
11120838	1/7/2024 2:09	1/7/2024 9:00	410.75	0
197629	1/7/2024 2:16	1/7/2024 9:00	403.75	0
1077082	1/7/2024 2:16	1/7/2024 9:00	403.9	0
1513398	1/7/2024 2:17	1/7/2024 9:00	402.18	0
1347943	1/7/2024 2:18	1/7/2024 9:00	401.02	0
315752	1/7/2024 2:18	1/7/2024 9:00	401.75	0
315380	1/7/2024 2:20	1/7/2024 9:00	399.75	0
449377	1/7/2024 2:24	1/7/2024 2:55	31	0
313954	1/7/2024 2:24	1/7/2024 9:00	395.75	0
1349542	1/7/2024 2:24	1/7/2024 9:00	395.02	0
8621797	1/7/2024 2:27	1/7/2024 9:00	392.75	0
1466638	1/7/2024 2:29	1/7/2024 8:23	354	0
1348551	1/7/2024 2:30	1/7/2024 9:00	389.02	0
1349244	1/7/2024 2:30	1/7/2024 9:00	389.02	0
1347949	1/7/2024 2:32	1/7/2024 9:00	387.02	0
1349177	1/7/2024 2:32	1/7/2024 9:00	387.02	0
1513240	1/7/2024 2:34	1/7/2024 9:00	385.18	0
1348444	1/7/2024 2:34	1/7/2024 9:00	385.02	0
304265	1/7/2024 2:35	1/7/2024 9:00	384.75	0
1350104	1/7/2024 2:36	1/7/2024 9:00	383.02	0
56060	1/7/2024 2:38	1/7/2024 9:00	381.75	0
1347937	1/7/2024 2:38	1/7/2024 9:00	381.02	0
417158	1/7/2024 2:45	1/7/2024 9:00	374.9	0
1351069	1/7/2024 2:50	1/7/2024 9:00	369.02	0
1433697	1/7/2024 2:50	1/7/2024 8:10	320	0
1376158	1/7/2024 2:50	1/7/2024 9:00	369.02	0
1347888	1/7/2024 2:50	1/7/2024 9:00	369.02	0
1445317	1/7/2024 2:51	1/7/2024 9:00	368.18	0
1348773	1/7/2024 2:52	1/7/2024 9:00	367.02	0
926657	1/7/2024 2:53	1/7/2024 9:00	366.87	0
1702936	1/7/2024 2:54	1/7/2024 9:00	365.02	0
1348044	1/7/2024 2:54	1/7/2024 9:00	365.02	0
449377	1/7/2024 2:55	1/7/2024 3:43	48	0
1349605	1/7/2024 2:56	1/7/2024 9:00	363.02	0
1348976	1/7/2024 2:56	1/7/2024 9:00	363.02	0
1346455	1/7/2024 2:56	1/7/2024 9:00	363.02	0
1680798	1/7/2024 2:59	1/7/2024 9:00	360.75	0
2032900	1/7/2024 3:02	1/7/2024 9:00	357.02	0

1346665	1/7/2024 3:06	1/7/2024 9:00	353.02	0
1512146	1/7/2024 3:06	1/7/2024 9:00	353.18	0
1320008	1/7/2024 3:10	1/7/2024 9:00	349.02	0
1430838	1/7/2024 3:11	1/7/2024 9:00	348.18	0
1350598	1/7/2024 3:18	1/7/2024 9:00	341.02	0
1266649	1/7/2024 3:28	1/7/2024 9:00	331.02	0
455994	1/7/2024 3:28	1/7/2024 9:00	331.9	0
1351539	1/7/2024 3:32	1/7/2024 9:00	327.02	0
1565203	1/7/2024 3:36	1/7/2024 9:00	323.18	0
449377	1/7/2024 3:43	1/7/2024 3:59	16	0
1350975	1/7/2024 3:56	1/7/2024 9:00	303.02	0
1348780	1/7/2024 3:58	1/7/2024 9:00	301.02	0
1350499	1/7/2024 3:58	1/7/2024 9:00	301.02	0
449377	1/7/2024 3:59	1/7/2024 5:12	73	0
1349338	1/7/2024 4:08	1/7/2024 9:00	291.02	0
1350597	1/7/2024 4:14	1/7/2024 9:00	285.02	0
1348300	1/7/2024 4:14	1/7/2024 9:00	285.02	0
1433348	1/7/2024 4:21	1/7/2024 7:56	215	0
449377	1/7/2024 5:12	1/7/2024 5:28	16	0
449377	1/7/2024 5:28	1/7/2024 6:21	53	0
449377	1/7/2024 6:21	1/7/2024 6:47	26	0
449377	1/7/2024 6:47	1/7/2024 7:03	16	0
449377	1/7/2024 7:03	1/7/2024 8:00	57	0
1432940	1/7/2024 7:55	1/7/2024 9:00	64.18	0
1433348	1/7/2024 7:56	1/7/2024 9:00	63.18	0
449377	1/7/2024 8:00	1/7/2024 9:00	59.9	0
979888	1/7/2024 8:01	1/7/2024 9:00	58.43	0
982261	1/7/2024 8:02	1/7/2024 9:00	57.43	0
1433697	1/7/2024 8:10	1/7/2024 9:00	49.9	0
51483	1/7/2024 8:18	1/7/2024 9:00	41.75	0
8950281	1/7/2024 8:20	1/7/2024 9:00	39.75	0
1466638	1/7/2024 8:23	1/7/2024 9:00	36.18	0
1093722	1/7/2024 8:23	1/7/2024 9:00	36.9	0
1093889	1/7/2024 8:24	1/7/2024 9:00	35.9	0
350517	1/7/2024 8:29	1/7/2024 9:00	30.75	0
7902724	1/7/2024 8:29	1/7/2024 9:00	30.75	0
8511623	1/7/2024 8:43	1/7/2024 9:00	16.75	0
1351588	1/7/2024 8:52	1/7/2024 9:00	7.02	0
307661	1/7/2024 8:57	1/7/2024 9:00	2.75	0
1985687	1/7/2024 9:00	1/8/2024 9:00	1439.9	0
498070	1/7/2024 9:00	1/7/2024 19:00	600	0
174815	1/7/2024 9:00	1/8/2024 9:00	1439.75	0
195216	1/7/2024 9:00	1/8/2024 9:00	1439.75	0
8766703	1/7/2024 9:00	1/8/2024 9:00	1439.43	0
1393699	1/7/2024 9:00	1/7/2024 18:48	588	0
500173	1/7/2024 9:00	1/7/2024 18:54	594	0.17
574993	1/7/2024 9:00	1/7/2024 10:09	69	0

6761269	1/7/2024 9:00	1/8/2024 9:00	1439.75	0
1394324	1/7/2024 9:00	1/7/2024 10:34	94	0
1466638	1/7/2024 9:00	1/7/2024 14:09	309	0
319279	1/7/2024 9:00	1/8/2024 9:00	1439.75	0
6961293	1/7/2024 9:00	1/8/2024 9:00	1439.75	0
1552447	1/7/2024 9:00	1/8/2024 9:00	1439.18	0
1349032	1/7/2024 9:00	1/8/2024 9:00	1439.02	0
51957	1/7/2024 9:00	1/7/2024 19:11	611	0
982261	1/7/2024 9:00	1/7/2024 17:45	525	0
1516786	1/7/2024 9:00	1/7/2024 10:10	70	0
979888	1/7/2024 9:00	1/7/2024 18:44	584	0
353728	1/7/2024 9:00	1/8/2024 9:00	1439.75	0
311724	1/7/2024 9:01	1/8/2024 9:00	1438.75	0
306565	1/7/2024 9:02	1/8/2024 9:00	1437.75	0
314564	1/7/2024 9:02	1/7/2024 11:41	159	0
1421565	1/7/2024 9:06	1/7/2024 11:50	164	0
1513541	1/7/2024 9:06	1/8/2024 9:00	1433.18	0
6916396	1/7/2024 9:06	1/7/2024 11:48	162	0
1453263	1/7/2024 9:07	1/7/2024 14:54	347	0
1432940	1/7/2024 9:07	1/7/2024 19:05	598	0
8668965	1/7/2024 9:07	1/7/2024 10:47	100	0
1552990	1/7/2024 9:08	1/7/2024 10:32	84	0
509233	1/7/2024 9:08	1/8/2024 9:00	1431.9	0
1333801	1/7/2024 9:08	1/7/2024 10:36	88	0
1512146	1/7/2024 9:09	1/7/2024 11:52	163	0
1433697	1/7/2024 9:12	1/7/2024 12:53	221	0
349467	1/7/2024 9:16	1/7/2024 19:09	593	0
7902724	1/7/2024 9:16	1/7/2024 10:14	58	0
350346	1/7/2024 9:17	1/7/2024 18:50	573	0
350517	1/7/2024 9:17	1/7/2024 18:59	582	0
347230	1/7/2024 9:18	1/7/2024 18:55	577	0
1350598	1/7/2024 9:20	1/7/2024 19:04	584	0
1093889	1/7/2024 9:21	1/7/2024 18:48	567	0
1680798	1/7/2024 9:22	1/7/2024 19:05	583	0
1349502	1/7/2024 9:22	1/7/2024 18:44	562	0
642003	1/7/2024 9:24	1/7/2024 19:07	583	0
1351588	1/7/2024 9:24	1/7/2024 19:06	582	0
1350104	1/7/2024 9:24	1/7/2024 19:00	576	0
11120838	1/7/2024 9:25	1/7/2024 11:42	137	0
8621797	1/7/2024 9:27	1/7/2024 18:59	572	0
307661	1/7/2024 9:29	1/7/2024 18:56	567	0
350406	1/7/2024 9:29	1/7/2024 18:40	551	0
1494722	1/7/2024 9:30	1/7/2024 18:50	560	0
51483	1/7/2024 9:31	1/7/2024 18:58	567	0
304345	1/7/2024 9:32	1/7/2024 19:09	577	0
1348444	1/7/2024 9:34	1/7/2024 18:44	550	0
7518767	1/7/2024 9:35	1/7/2024 19:07	572	0

313731	1/7/2024 9:38	1/7/2024 11:39	121	0
313954	1/7/2024 9:39	1/7/2024 11:40	121	0
325050	1/7/2024 9:39	1/7/2024 18:55	556	0
1444809	1/7/2024 9:39	1/7/2024 11:56	137	0
315604	1/7/2024 9:39	1/7/2024 11:40	121	0
1465703	1/7/2024 9:39	1/7/2024 19:00	561	0
10371797	1/7/2024 9:39	1/7/2024 11:40	121	0
314163	1/7/2024 9:39	1/7/2024 11:40	121	0
810130	1/7/2024 9:40	1/7/2024 18:50	550	0
808384	1/7/2024 9:41	1/7/2024 18:47	546	0
315380	1/7/2024 9:41	1/7/2024 19:02	561	0
315752	1/7/2024 9:41	1/7/2024 11:41	120	0
1445317	1/7/2024 9:41	1/7/2024 11:56	135	0
9063373	1/7/2024 9:46	1/7/2024 19:04	558	0
1671958	1/7/2024 9:47	1/7/2024 18:42	535	0
454901	1/7/2024 9:48	1/7/2024 14:20	272	0
8972545	1/7/2024 9:50	1/7/2024 18:40	530	0
981933	1/7/2024 9:50	1/7/2024 19:06	556	0
1394365	1/7/2024 9:50	1/7/2024 18:50	540	0
455994	1/7/2024 9:51	1/7/2024 10:35	44	0
456099	1/7/2024 9:51	1/7/2024 14:23	272	0
324249	1/7/2024 9:51	1/7/2024 18:51	540	0
980398	1/7/2024 9:51	1/7/2024 14:35	284	0
457978	1/7/2024 9:52	1/7/2024 14:23	271	0
323657	1/7/2024 9:52	1/7/2024 18:52	540	0
455345	1/7/2024 9:53	1/7/2024 15:26	333	0
455629	1/7/2024 9:53	1/7/2024 14:18	265	0
457729	1/7/2024 9:53	1/7/2024 14:24	271	0
1077082	1/7/2024 9:53	1/7/2024 18:54	541	0
574596	1/7/2024 9:54	1/7/2024 18:54	540	0
323747	1/7/2024 9:54	1/7/2024 19:03	549	0
1524033	1/7/2024 9:56	1/7/2024 18:36	520	0
454861	1/7/2024 9:56	1/7/2024 19:00	544	0
1346671	1/7/2024 10:00	1/7/2024 18:20	500	0
1702895	1/7/2024 10:00	1/7/2024 18:46	526	0
1430838	1/7/2024 10:01	1/8/2024 9:00	1378.18	0
1430553	1/7/2024 10:03	1/8/2024 9:00	1376.18	0
1346410	1/7/2024 10:04	1/7/2024 18:54	530	0
1430294	1/7/2024 10:04	1/7/2024 17:30	446	0
1417138	1/7/2024 10:04	1/7/2024 11:48	104	0
574993	1/7/2024 10:09	1/7/2024 10:14	5	0
1321605	1/7/2024 10:10	1/7/2024 18:44	514	0
1320008	1/7/2024 10:10	1/7/2024 11:40	90	0
1516786	1/7/2024 10:10	1/7/2024 18:59	529	0
316630	1/7/2024 10:10	1/7/2024 11:39	89	0
315616	1/7/2024 10:11	1/7/2024 11:40	89	0
312846	1/7/2024 10:11	1/7/2024 11:38	87	0

304785	1/7/2024 10:12	1/7/2024 19:08	536	0
7902724	1/7/2024 10:14	1/7/2024 11:01	47	0
574993	1/7/2024 10:14	1/7/2024 10:25	11	0
160073	1/7/2024 10:14	1/7/2024 18:33	499	0
1576533	1/7/2024 10:15	1/7/2024 19:04	529	0
315730	1/7/2024 10:15	1/7/2024 18:54	519	0
7178975	1/7/2024 10:15	1/7/2024 19:00	525	0
547577	1/7/2024 10:15	1/7/2024 19:05	530	0
344958	1/7/2024 10:16	1/7/2024 19:06	530	0
312706	1/7/2024 10:16	1/7/2024 18:56	520	0
315169	1/7/2024 10:16	1/7/2024 18:56	520	0
417158	1/7/2024 10:16	1/7/2024 18:45	509	0
304845	1/7/2024 10:16	1/7/2024 19:11	535	0
345957	1/7/2024 10:17	1/7/2024 19:02	525	0
346347	1/7/2024 10:17	1/7/2024 19:06	529	0
413869	1/7/2024 10:17	1/7/2024 19:02	525	0
418876	1/7/2024 10:17	1/7/2024 18:56	519	0
314350	1/7/2024 10:17	1/7/2024 19:02	525	0
11832097	1/7/2024 10:18	1/7/2024 18:52	514	0
1664433	1/7/2024 10:19	1/7/2024 10:47	28	0
314188	1/7/2024 10:20	1/7/2024 18:58	518	0
274125	1/7/2024 10:23	1/7/2024 19:05	522	0
324290	1/7/2024 10:23	1/7/2024 19:02	519	0
274059	1/7/2024 10:24	1/7/2024 19:01	517	0
574993	1/7/2024 10:25	1/7/2024 10:30	5	0
808829	1/7/2024 10:27	1/7/2024 19:01	514	0
8910809	1/7/2024 10:28	1/7/2024 14:30	242	0
887599	1/7/2024 10:28	1/8/2024 9:00	1351.87	0
381982	1/7/2024 10:28	1/7/2024 14:30	242	0
6995795	1/7/2024 10:28	1/7/2024 14:30	242	0
583848	1/7/2024 10:28	1/7/2024 11:47	79	0
415949	1/7/2024 10:29	1/7/2024 18:42	493	0
275018	1/7/2024 10:29	1/7/2024 18:53	504	0
7879030	1/7/2024 10:30	1/7/2024 18:48	498	0
380057	1/7/2024 10:30	1/7/2024 14:26	236	0
995564	1/7/2024 10:30	1/7/2024 13:20	170	0
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574993	1/7/2024 10:30	1/8/2024 9:00	1349.9	0
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1552990	1/7/2024 10:32	1/7/2024 13:04	152	0
1552842	1/7/2024 10:32	1/7/2024 13:04	152	0
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1394324	1/7/2024 10:34	1/7/2024 10:44	10	0
997397	1/7/2024 10:34	1/7/2024 18:00	446	0
1552977	1/7/2024 10:34	1/7/2024 13:06	152	0
1672454	1/7/2024 10:35	1/7/2024 18:54	499	0
455994	1/7/2024 10:35	1/7/2024 11:04	29	0

8605921	1/7/2024 10:35	1/7/2024 19:08	513	0
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1552836	1/7/2024 10:36	1/7/2024 13:03	147	0
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1416360	1/7/2024 10:36	1/8/2024 9:00	1343.02	0
1683861	1/7/2024 10:37	1/7/2024 19:06	509	0
1463218	1/7/2024 10:37	1/7/2024 18:30	473	0
860281	1/7/2024 10:37	1/7/2024 11:59	82	0
1552693	1/7/2024 10:37	1/7/2024 19:06	509	0
859747	1/7/2024 10:38	1/7/2024 11:36	58	0
197561	1/7/2024 10:38	1/7/2024 19:00	502	0
801004	1/7/2024 10:39	1/7/2024 14:09	210	0
800590	1/7/2024 10:39	1/7/2024 14:10	211	0
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549237	1/7/2024 10:41	1/7/2024 18:55	494	0
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1394324	1/7/2024 10:44	1/7/2024 20:38	594	0
800600	1/7/2024 10:45	1/7/2024 18:47	482	0
47769	1/7/2024 10:45	1/7/2024 18:38	473	0
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197883	1/7/2024 10:48	1/7/2024 19:01	493	0
449377	1/7/2024 10:48	1/7/2024 10:59	11	0
416557	1/7/2024 10:48	1/7/2024 18:35	467	0
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267537	1/7/2024 10:50	1/7/2024 11:53	63	0
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21306	1/7/2024 10:53	1/7/2024 19:03	490	0
21820	1/7/2024 10:53	1/7/2024 19:05	492	0
2032900	1/7/2024 10:54	1/7/2024 11:42	48	0
1332906	1/7/2024 10:54	1/7/2024 18:36	462	0
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1509486	1/7/2024 10:54	1/7/2024 11:52	58	0
315345	1/7/2024 10:54	1/7/2024 11:42	48	0
1310926	1/7/2024 10:54	1/7/2024 11:42	48	0
314945	1/7/2024 10:55	1/7/2024 11:37	42	0
1320619	1/7/2024 10:56	1/8/2024 9:00	1323.02	0
315346	1/7/2024 10:57	1/7/2024 11:46	49	0
317797	1/7/2024 10:57	1/7/2024 11:42	45	0
1309098	1/7/2024 10:58	1/8/2024 9:00	1321.02	0

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7902724	1/7/2024 11:01	1/7/2024 11:17	16	0
1514004	1/7/2024 11:02	1/7/2024 11:49	47	0
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1553245	1/7/2024 11:04	1/7/2024 11:35	31	0
1550318	1/7/2024 11:05	1/7/2024 11:31	26	0
1431996	1/7/2024 11:06	1/7/2024 18:59	473	0
1432509	1/7/2024 11:06	1/7/2024 18:53	467	0
8734029	1/7/2024 11:06	1/7/2024 18:58	472	0
1514000	1/7/2024 11:06	1/7/2024 18:42	456	0
317195	1/7/2024 11:07	1/7/2024 18:54	467	0
1433522	1/7/2024 11:07	1/7/2024 18:48	461	0
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10371746	1/7/2024 11:11	1/7/2024 18:47	456	0
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1368745	1/7/2024 11:12	1/7/2024 11:54	42	0
197629	1/7/2024 11:13	1/7/2024 19:08	475	0
567126	1/7/2024 11:13	1/7/2024 18:50	457	0
317768	1/7/2024 11:15	1/8/2024 9:00	1304.75	0
328113	1/7/2024 11:15	1/7/2024 18:52	457	0
318815	1/7/2024 11:17	1/8/2024 9:00	1302.75	0
7902724	1/7/2024 11:17	1/7/2024 14:49	212	0
1431804	1/7/2024 11:19	1/7/2024 18:29	430	0
455994	1/7/2024 11:20	1/7/2024 14:20	180	0
195839	1/7/2024 11:21	1/7/2024 19:00	459	0
197690	1/7/2024 11:21	1/7/2024 18:59	458	0
125572	1/7/2024 11:22	1/7/2024 12:02	40	0
346135	1/7/2024 11:22	1/7/2024 18:54	452	0
375117	1/7/2024 11:26	1/8/2024 9:00	1293.9	0
373050	1/7/2024 11:28	1/8/2024 9:00	1291.9	0
418771	1/7/2024 11:29	1/7/2024 11:45	16	0
375655	1/7/2024 11:29	1/8/2024 9:00	1290.9	0
373278	1/7/2024 11:29	1/8/2024 9:00	1290.9	0
449377	1/7/2024 11:30	1/7/2024 11:51	21	0
373273	1/7/2024 11:30	1/8/2024 9:00	1289.9	0
8495802	1/7/2024 11:30	1/7/2024 12:28	58	0
1550318	1/7/2024 11:31	1/7/2024 13:05	94	0
500322	1/7/2024 11:32	1/7/2024 11:48	16	0
7533405	1/7/2024 11:33	1/7/2024 14:54	201	0
419657	1/7/2024 11:33	1/8/2024 9:00	1286.9	0
8668965	1/7/2024 11:34	1/7/2024 11:50	16	0

500145	1/7/2024 11:35	1/7/2024 11:51	16	0
1553245	1/7/2024 11:35	1/7/2024 13:04	89	0
859747	1/7/2024 11:36	1/7/2024 11:51	15	0
314945	1/7/2024 11:37	1/7/2024 14:41	184	0
312846	1/7/2024 11:38	1/7/2024 14:41	183	0
316630	1/7/2024 11:39	1/7/2024 14:38	179	0
313731	1/7/2024 11:39	1/7/2024 14:42	183	0
314163	1/7/2024 11:40	1/7/2024 14:38	178	0
10371797	1/7/2024 11:40	1/7/2024 14:38	178	0
313954	1/7/2024 11:40	1/7/2024 14:39	179	0
315616	1/7/2024 11:40	1/7/2024 14:39	179	0
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315604	1/7/2024 11:40	1/7/2024 14:38	178	0
552210	1/7/2024 11:41	1/7/2024 18:51	430	0
314564	1/7/2024 11:41	1/7/2024 14:38	177	0
315752	1/7/2024 11:41	1/7/2024 14:40	179	0
317797	1/7/2024 11:42	1/7/2024 14:41	179	0
11120838	1/7/2024 11:42	1/7/2024 19:03	441	0
2032900	1/7/2024 11:42	1/7/2024 18:46	424	0
315345	1/7/2024 11:42	1/7/2024 19:08	446	0
1310926	1/7/2024 11:42	1/7/2024 19:02	440	0
756553	1/7/2024 11:43	1/8/2024 9:00	1276.9	0
418771	1/7/2024 11:45	1/7/2024 19:00	435	0
1567701	1/7/2024 11:45	1/8/2024 9:00	1274.9	0
1567569	1/7/2024 11:45	1/8/2024 9:00	1274.9	0
315346	1/7/2024 11:46	1/7/2024 14:39	173	0
583848	1/7/2024 11:47	1/7/2024 18:47	420	0
6916396	1/7/2024 11:48	1/7/2024 12:04	16	0
1417138	1/7/2024 11:48	1/7/2024 12:04	16	0
317233	1/7/2024 11:48	1/7/2024 18:54	426	0
1554218	1/7/2024 11:48	1/7/2024 14:04	136	0
500322	1/7/2024 11:48	1/7/2024 18:53	425	0
1557303	1/7/2024 11:49	1/8/2024 9:00	1270.18	0
1557188	1/7/2024 11:49	1/7/2024 14:00	131	0
1514004	1/7/2024 11:49	1/7/2024 18:54	425	0
1421565	1/7/2024 11:50	1/7/2024 12:06	16	0
8668965	1/7/2024 11:50	1/7/2024 14:23	153	0
449377	1/7/2024 11:51	1/7/2024 12:44	53	0
500145	1/7/2024 11:51	1/7/2024 18:46	415	0
859747	1/7/2024 11:51	1/7/2024 12:07	16	0
1434359	1/7/2024 11:52	1/7/2024 18:43	411	0
1509486	1/7/2024 11:52	1/7/2024 12:24	32	0
1434316	1/7/2024 11:52	1/7/2024 13:10	78	0
1512146	1/7/2024 11:52	1/7/2024 12:23	31	0
267537	1/7/2024 11:53	1/7/2024 19:03	430	0
1368745	1/7/2024 11:54	1/7/2024 12:10	16	0
1685329	1/7/2024 11:54	1/7/2024 14:36	162	0

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1509487	1/7/2024 11:55	1/7/2024 18:44	409	0
1444809	1/7/2024 11:56	1/7/2024 19:01	425	0
1445317	1/7/2024 11:56	1/7/2024 14:56	180	0
860281	1/7/2024 11:59	1/7/2024 18:38	399	0
125572	1/7/2024 12:02	1/7/2024 19:03	421	0
1595351	1/7/2024 12:02	1/8/2024 9:00	1257.18	0
1417138	1/7/2024 12:04	1/8/2024 9:00	1255.02	0
6916396	1/7/2024 12:04	1/8/2024 9:00	1255.02	0
1421565	1/7/2024 12:06	1/8/2024 9:00	1253.02	0
859747	1/7/2024 12:07	1/8/2024 9:00	1252.87	0
1368745	1/7/2024 12:10	1/8/2024 9:00	1249.02	0
1320008	1/7/2024 12:22	1/7/2024 14:12	110	0
1512146	1/7/2024 12:23	1/7/2024 14:22	119	0
1509486	1/7/2024 12:24	1/7/2024 14:25	121	0
8495802	1/7/2024 12:28	1/7/2024 14:02	94	0
449377	1/7/2024 12:44	1/7/2024 12:54	10	0
383804	1/7/2024 12:44	1/8/2024 9:00	1215.9	0
1433697	1/7/2024 12:53	1/8/2024 9:00	1206.9	0
449377	1/7/2024 12:54	1/7/2024 14:18	84	0
611363	1/7/2024 12:55	1/8/2024 9:00	1204.9	0
1493132	1/7/2024 12:58	1/7/2024 14:44	106	0
1333801	1/7/2024 12:58	1/7/2024 14:22	84	0
1375227	1/7/2024 12:58	1/7/2024 14:44	106	0
1376158	1/7/2024 13:00	1/7/2024 14:48	108	0
1610090	1/7/2024 13:00	1/7/2024 19:02	362	0
588892	1/7/2024 13:02	1/7/2024 14:47	105	0
1552939	1/7/2024 13:03	1/8/2024 9:00	1196.18	0
1552836	1/7/2024 13:03	1/8/2024 9:00	1196.18	0
1552990	1/7/2024 13:04	1/8/2024 9:00	1195.18	0
1553245	1/7/2024 13:04	1/7/2024 14:34	90	0
8495805	1/7/2024 13:04	1/7/2024 19:01	357	0
1552842	1/7/2024 13:04	1/8/2024 9:00	1195.18	0
1550318	1/7/2024 13:05	1/7/2024 14:35	90	0
1552977	1/7/2024 13:06	1/8/2024 9:00	1193.18	0
1434316	1/7/2024 13:10	1/8/2024 9:00	1189.18	0
995564	1/7/2024 13:20	1/8/2024 9:00	1179.43	0
1599209	1/7/2024 13:30	1/7/2024 19:01	331	0
1597556	1/7/2024 13:35	1/7/2024 18:40	305	0
1557188	1/7/2024 14:00	1/7/2024 14:32	32	0
8495802	1/7/2024 14:02	1/7/2024 19:07	305	0
1554218	1/7/2024 14:04	1/7/2024 18:37	273	0
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644030	1/7/2024 14:07	1/7/2024 15:15	68	0
1515733	1/7/2024 14:08	1/7/2024 14:23	15	0
643812	1/7/2024 14:08	1/7/2024 15:07	59	0
1466638	1/7/2024 14:09	1/7/2024 18:47	278	0

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801004	1/7/2024 14:09	1/7/2024 14:25	16	0
800590	1/7/2024 14:10	1/7/2024 14:26	16	0
1320008	1/7/2024 14:12	1/7/2024 23:12	540	0
252859	1/7/2024 14:16	1/7/2024 18:40	264	0
455629	1/7/2024 14:18	1/7/2024 14:37	19	0
449377	1/7/2024 14:18	1/7/2024 15:21	63	0
454901	1/7/2024 14:20	1/7/2024 14:38	18	0
455994	1/7/2024 14:20	1/7/2024 14:40	20	0
1333801	1/7/2024 14:22	1/7/2024 15:26	64	0
1512146	1/7/2024 14:22	1/7/2024 14:41	19	0
1464949	1/7/2024 14:22	1/7/2024 18:27	245	0
457978	1/7/2024 14:23	1/7/2024 14:35	12	0
8668965	1/7/2024 14:23	1/7/2024 14:38	15	0
1515733	1/7/2024 14:23	1/7/2024 14:39	16	0
456099	1/7/2024 14:23	1/7/2024 18:51	268	0
1704232	1/7/2024 14:24	1/7/2024 15:06	42	0
869654	1/7/2024 14:24	1/7/2024 18:56	272	0
457729	1/7/2024 14:24	1/7/2024 15:02	38	0
1509486	1/7/2024 14:25	1/7/2024 14:40	15	0
801004	1/7/2024 14:25	1/7/2024 14:56	31	0
380057	1/7/2024 14:26	1/7/2024 18:59	273	0
800590	1/7/2024 14:26	1/7/2024 18:38	252	0
800588	1/7/2024 14:26	1/7/2024 14:57	31	0
1565203	1/7/2024 14:27	1/7/2024 14:43	16	0
1567316	1/7/2024 14:28	1/7/2024 15:15	47	0
381982	1/7/2024 14:30	1/7/2024 18:58	268	0
6995795	1/7/2024 14:30	1/7/2024 18:52	262	0
1556246	1/7/2024 14:30	1/7/2024 14:46	16	0
1378128	1/7/2024 14:30	1/7/2024 14:46	16	0
8910809	1/7/2024 14:30	1/7/2024 18:47	257	0
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1556243	1/7/2024 14:33	1/7/2024 14:48	15	0
1557676	1/7/2024 14:33	1/7/2024 14:49	16	0
1553245	1/7/2024 14:34	1/7/2024 15:05	31	0
10433250	1/7/2024 14:34	1/7/2024 18:46	252	0
980398	1/7/2024 14:35	1/8/2024 9:00	1104.43	0
1550318	1/7/2024 14:35	1/7/2024 15:06	31	0
457978	1/7/2024 14:35	1/7/2024 15:22	47	0
1685329	1/7/2024 14:36	1/7/2024 17:04	148	0
455629	1/7/2024 14:37	1/7/2024 18:59	262	0
324045	1/7/2024 14:38	1/7/2024 19:06	268	0
8206792	1/7/2024 14:38	1/7/2024 15:41	63	0
8668965	1/7/2024 14:38	1/7/2024 18:45	247	0
314564	1/7/2024 14:38	1/7/2024 18:55	257	0
316630	1/7/2024 14:38	1/7/2024 19:06	268	0
10371797	1/7/2024 14:38	1/7/2024 19:06	268	0

8387677	1/7/2024 14:38	1/7/2024 18:55	257	0
328408	1/7/2024 14:38	1/7/2024 18:50	252	0
315604	1/7/2024 14:38	1/7/2024 18:50	252	0
314163	1/7/2024 14:38	1/7/2024 19:06	268	0
454901	1/7/2024 14:38	1/7/2024 18:59	261	0
315346	1/7/2024 14:39	1/7/2024 19:02	263	0
645339	1/7/2024 14:39	1/7/2024 18:51	252	0
1515733	1/7/2024 14:39	1/7/2024 19:07	268	0
313954	1/7/2024 14:39	1/7/2024 19:06	267	0
315616	1/7/2024 14:39	1/7/2024 19:07	268	0
315752	1/7/2024 14:40	1/7/2024 18:51	251	0
1509486	1/7/2024 14:40	1/7/2024 19:03	263	0
455994	1/7/2024 14:40	1/7/2024 15:22	42	0
317797	1/7/2024 14:41	1/7/2024 18:58	257	0
1451744	1/7/2024 14:41	1/7/2024 18:48	247	0
312846	1/7/2024 14:41	1/7/2024 18:53	252	0
1450250	1/7/2024 14:41	1/7/2024 15:39	58	0
1512146	1/7/2024 14:41	1/7/2024 19:06	265	0
314945	1/7/2024 14:41	1/7/2024 19:04	263	0
313731	1/7/2024 14:42	1/7/2024 19:10	268	0
1452193	1/7/2024 14:42	1/7/2024 18:38	236	0
1565203	1/7/2024 14:43	1/7/2024 19:59	316	0
1493132	1/7/2024 14:44	1/7/2024 19:06	262	0
1378582	1/7/2024 14:44	1/7/2024 18:38	234	0
1375227	1/7/2024 14:44	1/7/2024 19:00	256	0
1378273	1/7/2024 14:44	1/7/2024 20:14	330	0
1583853	1/7/2024 14:45	1/7/2024 15:03	18	0
8434548	1/7/2024 14:45	1/7/2024 18:51	246	0
1556246	1/7/2024 14:46	1/7/2024 18:58	252	0
1378128	1/7/2024 14:46	1/7/2024 18:42	236	0
588892	1/7/2024 14:47	1/7/2024 18:49	242	0
1557188	1/7/2024 14:48	1/7/2024 18:54	246	0
1556243	1/7/2024 14:48	1/7/2024 19:05	257	0
1376158	1/7/2024 14:48	1/7/2024 19:02	254	0
7902724	1/7/2024 14:49	1/8/2024 9:00	1090.75	0
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1557676	1/7/2024 14:49	1/7/2024 17:42	173	0
456084	1/7/2024 14:51	1/7/2024 18:52	241	0
1377303	1/7/2024 14:52	1/7/2024 15:08	16	0
1453263	1/7/2024 14:54	1/7/2024 18:45	231	0
7533405	1/7/2024 14:54	1/7/2024 15:40	46	0
801004	1/7/2024 14:56	1/7/2024 18:51	235	0
1377393	1/7/2024 14:56	1/7/2024 18:36	220	0
1445317	1/7/2024 14:56	1/7/2024 18:56	240	0
800588	1/7/2024 14:57	1/7/2024 18:48	231	0
457729	1/7/2024 15:02	1/7/2024 18:18	196	0
1583853	1/7/2024 15:03	1/7/2024 21:50	407	0

1553245	1/7/2024 15:05	1/7/2024 18:51	226	0
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1704232	1/7/2024 15:06	1/7/2024 18:46	220	0
643812	1/7/2024 15:07	1/7/2024 18:51	224	0
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643434	1/7/2024 15:10	1/7/2024 18:51	221	0
1704779	1/7/2024 15:12	1/7/2024 18:52	220	0
644030	1/7/2024 15:15	1/7/2024 18:50	215	0
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1556565	1/7/2024 15:20	1/7/2024 18:59	219	0
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449377	1/7/2024 15:21	1/7/2024 15:32	11	0
455994	1/7/2024 15:22	1/7/2024 15:37	15	0
457978	1/7/2024 15:22	1/7/2024 15:34	12	0
496500	1/7/2024 15:23	1/7/2024 18:37	194	0
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455345	1/7/2024 15:26	1/7/2024 15:36	10	0
564518	1/7/2024 15:27	1/8/2024 9:00	1052.9	0
449377	1/7/2024 15:32	1/7/2024 16:24	52	0
457978	1/7/2024 15:34	1/7/2024 16:21	47	0
455345	1/7/2024 15:36	1/7/2024 16:19	43	0
455994	1/7/2024 15:37	1/7/2024 19:02	205	0
580808	1/7/2024 15:38	1/7/2024 16:52	74	0
1450250	1/7/2024 15:39	1/7/2024 18:48	189	0
7533405	1/7/2024 15:40	1/8/2024 9:00	1039.75	0
8206792	1/7/2024 15:41	1/7/2024 18:55	194	0
1348780	1/7/2024 15:46	1/7/2024 18:40	174	0
1349605	1/7/2024 15:48	1/7/2024 18:40	172	0
1349244	1/7/2024 15:48	1/7/2024 18:36	168	0
1351539	1/7/2024 15:48	1/7/2024 18:56	188	0
8734349	1/7/2024 15:48	1/7/2024 17:18	90	0
1346455	1/7/2024 15:48	1/7/2024 19:02	194	0
1350975	1/7/2024 15:50	1/7/2024 18:48	178	0
1348773	1/7/2024 15:50	1/7/2024 18:48	178	0
1348300	1/7/2024 15:52	1/7/2024 18:44	172	0
1350499	1/7/2024 15:52	1/7/2024 16:28	36	0
1350597	1/7/2024 15:52	1/7/2024 18:46	174	0
1349338	1/7/2024 15:52	1/7/2024 19:00	188	0
1346665	1/7/2024 15:52	1/7/2024 18:50	178	0
1349542	1/7/2024 15:54	1/7/2024 18:52	178	0
455345	1/7/2024 16:19	1/7/2024 18:59	160	0
457978	1/7/2024 16:21	1/7/2024 19:03	162	0
449377	1/7/2024 16:24	1/7/2024 17:27	63	0

1350499	1/7/2024 16:28	1/8/2024 9:00	991.02	0
56060	1/7/2024 16:49	1/7/2024 19:11	142	0
54324	1/7/2024 16:50	1/7/2024 19:11	141	0
580808	1/7/2024 16:52	1/7/2024 18:47	115	0
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1324815	1/7/2024 17:16	1/7/2024 17:58	42	0
8734349	1/7/2024 17:18	1/8/2024 9:00	941.02	0
449377	1/7/2024 17:27	1/7/2024 18:20	53	0
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1412123	1/7/2024 17:42	1/8/2024 9:00	917.02	0
982261	1/7/2024 17:45	1/8/2024 9:00	914.43	0
1324815	1/7/2024 17:58	1/8/2024 9:00	901.02	0
997397	1/7/2024 18:00	1/8/2024 9:00	899.43	0
457729	1/7/2024 18:18	1/7/2024 19:29	71	0
1346671	1/7/2024 18:20	1/8/2024 9:00	879.02	0
449377	1/7/2024 18:20	1/7/2024 19:18	58	0
1464949	1/7/2024 18:27	1/8/2024 9:00	872.18	0
1431804	1/7/2024 18:29	1/8/2024 9:00	870.18	0
1463218	1/7/2024 18:30	1/8/2024 9:00	869.18	0
160073	1/7/2024 18:33	1/8/2024 9:00	866.43	0
416557	1/7/2024 18:35	1/8/2024 9:00	864.9	0
1349244	1/7/2024 18:36	1/8/2024 9:00	863.02	0
1524033	1/7/2024 18:36	1/8/2024 9:00	863.18	0
1332906	1/7/2024 18:36	1/8/2024 9:00	863.02	0
1377393	1/7/2024 18:36	1/8/2024 9:00	863.02	0
1554218	1/7/2024 18:37	1/8/2024 9:00	862.18	0
496500	1/7/2024 18:37	1/8/2024 9:00	862.9	0
47769	1/7/2024 18:38	1/8/2024 9:00	861.75	0
800590	1/7/2024 18:38	1/8/2024 9:00	861.87	0
1378582	1/7/2024 18:38	1/8/2024 9:00	861.02	0
860281	1/7/2024 18:38	1/8/2024 9:00	861.87	0
1452193	1/7/2024 18:38	1/8/2024 9:00	861.18	0
350406	1/7/2024 18:40	1/8/2024 9:00	859.75	0
252859	1/7/2024 18:40	1/8/2024 9:00	859.75	0
1348780	1/7/2024 18:40	1/8/2024 9:00	859.02	0
1093833	1/7/2024 18:40	1/8/2024 9:00	859.9	0
1349605	1/7/2024 18:40	1/8/2024 9:00	859.02	0
8972545	1/7/2024 18:40	1/8/2024 9:00	859.9	0
1597556	1/7/2024 18:40	1/8/2024 9:00	859.18	0
1378128	1/7/2024 18:42	1/8/2024 9:00	857.02	0
1671958	1/7/2024 18:42	1/8/2024 9:00	857.9	0
415949	1/7/2024 18:42	1/8/2024 9:00	857.9	0
1514000	1/7/2024 18:42	1/8/2024 9:00	857.18	0
1434359	1/7/2024 18:43	1/8/2024 9:00	856.18	0
1348444	1/7/2024 18:44	1/8/2024 9:00	855.02	0

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1349502	1/7/2024 18:44	1/8/2024 9:00	855.02	0
313011	1/7/2024 18:44	1/8/2024 9:00	855.75	0
1321605	1/7/2024 18:44	1/8/2024 9:00	855.02	0
979888	1/7/2024 18:44	1/8/2024 9:00	855.43	0
1509487	1/7/2024 18:44	1/8/2024 9:00	855.18	0
8668965	1/7/2024 18:45	1/8/2024 9:00	854.9	0
1453263	1/7/2024 18:45	1/8/2024 9:00	854.18	0
417158	1/7/2024 18:45	1/8/2024 9:00	854.9	0
1704232	1/7/2024 18:46	1/8/2024 9:00	853.02	0
500145	1/7/2024 18:46	1/8/2024 9:00	853.9	0
1350597	1/7/2024 18:46	1/8/2024 9:00	853.02	0
2032900	1/7/2024 18:46	1/8/2024 9:00	853.02	0
1434550	1/7/2024 18:46	1/8/2024 9:00	853.18	0
10433250	1/7/2024 18:46	1/8/2024 9:00	853.02	0
1702895	1/7/2024 18:46	1/8/2024 9:00	853.02	0
800600	1/7/2024 18:47	1/8/2024 9:00	852.87	0
10371746	1/7/2024 18:47	1/8/2024 9:00	852.9	0
1466638	1/7/2024 18:47	1/8/2024 8:26	819	0
8910809	1/7/2024 18:47	1/8/2024 9:00	852.9	0
583848	1/7/2024 18:47	1/8/2024 9:00	852.9	0
808384	1/7/2024 18:47	1/8/2024 9:00	852.87	0
580808	1/7/2024 18:47	1/8/2024 9:00	852.9	0
1433522	1/7/2024 18:48	1/8/2024 9:00	851.18	0
1350975	1/7/2024 18:48	1/8/2024 9:00	851.02	0
1348773	1/7/2024 18:48	1/8/2024 9:00	851.02	0
1393699	1/7/2024 18:48	1/8/2024 9:00	851.02	0
1093889	1/7/2024 18:48	1/8/2024 9:00	851.9	0
7879030	1/7/2024 18:48	1/8/2024 9:00	851.9	0
1451744	1/7/2024 18:48	1/8/2024 9:00	851.18	0
449036	1/7/2024 18:48	1/8/2024 9:00	851.9	0
1450250	1/7/2024 18:48	1/8/2024 9:00	851.18	0
800588	1/7/2024 18:48	1/8/2024 9:00	851.87	0
588892	1/7/2024 18:49	1/8/2024 9:00	850.9	0
1494722	1/7/2024 18:50	1/8/2024 9:00	849.02	0
644030	1/7/2024 18:50	1/8/2024 9:00	849.9	0
1346665	1/7/2024 18:50	1/8/2024 9:00	849.02	0
328408	1/7/2024 18:50	1/8/2024 9:00	849.75	0
350346	1/7/2024 18:50	1/8/2024 9:00	849.75	0
1394365	1/7/2024 18:50	1/8/2024 9:00	849.02	0
315604	1/7/2024 18:50	1/8/2024 9:00	849.75	0
567126	1/7/2024 18:50	1/8/2024 9:00	849.9	0
810130	1/7/2024 18:50	1/8/2024 9:00	849.87	0
324249	1/7/2024 18:51	1/8/2024 9:00	848.75	0
645339	1/7/2024 18:51	1/8/2024 9:00	848.9	0
315752	1/7/2024 18:51	1/8/2024 9:00	848.75	0
643434	1/7/2024 18:51	1/8/2024 9:00	848.9	0

643812	1/7/2024 18:51	1/8/2024 9:00	848.9	0
8434548	1/7/2024 18:51	1/8/2024 9:00	848.75	0
801004	1/7/2024 18:51	1/8/2024 9:00	848.87	0
552210	1/7/2024 18:51	1/8/2024 9:00	848.9	0
1553245	1/7/2024 18:51	1/8/2024 9:00	848.18	0
1556352	1/7/2024 18:51	1/8/2024 9:00	848.18	0
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11832097	1/7/2024 18:52	1/8/2024 9:00	847.75	0
328113	1/7/2024 18:52	1/8/2024 9:00	847.75	0
563721	1/7/2024 18:52	1/8/2024 9:00	847.9	0
6995795	1/7/2024 18:52	1/8/2024 9:00	847.9	0
323657	1/7/2024 18:52	1/8/2024 9:00	847.75	0
456084	1/7/2024 18:52	1/8/2024 9:00	847.9	0
1349542	1/7/2024 18:52	1/8/2024 9:00	847.02	0
1704779	1/7/2024 18:52	1/8/2024 9:00	847.02	0
500322	1/7/2024 18:53	1/8/2024 9:00	846.9	0
312846	1/7/2024 18:53	1/8/2024 9:00	846.75	0
275018	1/7/2024 18:53	1/8/2024 9:00	846.75	0
1432509	1/7/2024 18:53	1/8/2024 9:00	846.18	0
574596	1/7/2024 18:54	1/8/2024 9:00	845.9	0
1377303	1/7/2024 18:54	1/8/2024 9:00	845.02	0
549259	1/7/2024 18:54	1/8/2024 9:00	845.9	0
1672454	1/7/2024 18:54	1/8/2024 9:00	845.9	0
315730	1/7/2024 18:54	1/8/2024 9:00	845.75	0
1077082	1/7/2024 18:54	1/8/2024 9:00	845.9	0
1346410	1/7/2024 18:54	1/8/2024 9:00	845.02	0
1514004	1/7/2024 18:54	1/8/2024 9:00	845.18	0
1557188	1/7/2024 18:54	1/8/2024 9:00	845.18	0
317233	1/7/2024 18:54	1/8/2024 9:00	845.75	0
500173	1/7/2024 18:54	1/8/2024 9:00	845.9	0
346135	1/7/2024 18:54	1/8/2024 9:00	845.75	0
317195	1/7/2024 18:54	1/8/2024 9:00	845.75	0
325050	1/7/2024 18:55	1/8/2024 9:00	844.75	0
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346185	1/7/2024 18:55	1/8/2024 9:00	844.75	0
49209	1/7/2024 18:55	1/8/2024 9:00	844.75	0
314564	1/7/2024 18:55	1/8/2024 9:00	844.75	0
347230	1/7/2024 18:55	1/8/2024 9:00	844.75	0
1435945	1/7/2024 18:55	1/8/2024 9:00	844.18	0
8206792	1/7/2024 18:55	1/8/2024 9:00	844.18	0
549237	1/7/2024 18:55	1/8/2024 9:00	844.9	0
418876	1/7/2024 18:56	1/8/2024 9:00	843.9	0
307661	1/7/2024 18:56	1/8/2024 9:00	843.75	0
456048	1/7/2024 18:56	1/8/2024 9:00	843.9	0
1445317	1/7/2024 18:56	1/8/2024 9:00	843.18	0
869654	1/7/2024 18:56	1/8/2024 9:00	843.87	0
315169	1/7/2024 18:56	1/8/2024 9:00	843.75	0

312706	1/7/2024 18:56	1/8/2024 9:00	843.75	0
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1550318	1/7/2024 18:57	1/8/2024 9:00	842.18	0
381982	1/7/2024 18:58	1/8/2024 9:00	841.9	0
51483	1/7/2024 18:58	1/8/2024 9:00	841.75	0
314188	1/7/2024 18:58	1/8/2024 9:00	841.75	0
1556246	1/7/2024 18:58	1/8/2024 9:00	841.18	0
8734029	1/7/2024 18:58	1/8/2024 9:00	841.18	0
317797	1/7/2024 18:58	1/8/2024 9:00	841.75	0
1556565	1/7/2024 18:59	1/8/2024 9:00	840.18	0
455629	1/7/2024 18:59	1/8/2024 9:00	840.9	0
1515964	1/7/2024 18:59	1/8/2024 9:00	840.18	0
454901	1/7/2024 18:59	1/8/2024 9:00	840.9	0
455345	1/7/2024 18:59	1/8/2024 9:00	840.9	0
8621797	1/7/2024 18:59	1/8/2024 9:00	840.75	0
350517	1/7/2024 18:59	1/8/2024 9:00	840.75	0
1516786	1/7/2024 18:59	1/8/2024 9:00	840.18	0
1431996	1/7/2024 18:59	1/8/2024 9:00	840.18	0
380057	1/7/2024 18:59	1/8/2024 9:00	840.9	0
197690	1/7/2024 18:59	1/8/2024 9:00	840.75	0
418771	1/7/2024 19:00	1/8/2024 9:00	839.9	0
1465703	1/7/2024 19:00	1/8/2024 9:00	839.18	0
195839	1/7/2024 19:00	1/8/2024 9:00	839.75	0
1664433	1/7/2024 19:00	1/8/2024 9:00	839.87	0
1556486	1/7/2024 19:00	1/8/2024 9:00	839.18	0
454861	1/7/2024 19:00	1/8/2024 9:00	839.9	0
7178975	1/7/2024 19:00	1/8/2024 9:00	839.75	0
197561	1/7/2024 19:00	1/8/2024 9:00	839.75	0
1375227	1/7/2024 19:00	1/8/2024 9:00	839.02	0
498070	1/7/2024 19:00	1/8/2024 9:00	839.9	0
1350104	1/7/2024 19:00	1/8/2024 9:00	839.02	0
1349338	1/7/2024 19:00	1/8/2024 9:00	839.02	0
1567316	1/7/2024 19:01	1/8/2024 9:00	838.18	0
1557100	1/7/2024 19:01	1/8/2024 9:00	838.18	0
808829	1/7/2024 19:01	1/8/2024 9:00	838.87	0
274059	1/7/2024 19:01	1/8/2024 9:00	838.75	0
8495805	1/7/2024 19:01	1/8/2024 9:00	838.9	0
1599209	1/7/2024 19:01	1/8/2024 9:00	838.18	0
197883	1/7/2024 19:01	1/8/2024 9:00	838.75	0
553755	1/7/2024 19:01	1/8/2024 9:00	838.9	0
1444809	1/7/2024 19:01	1/8/2024 9:00	838.18	0
1610090	1/7/2024 19:02	1/8/2024 9:00	837.18	0
196408	1/7/2024 19:02	1/8/2024 9:00	837.75	0
324290	1/7/2024 19:02	1/8/2024 9:00	837.75	0
1376158	1/7/2024 19:02	1/8/2024 9:00	837.02	0
1310926	1/7/2024 19:02	1/8/2024 9:00	837.02	0
455994	1/7/2024 19:02	1/8/2024 9:00	837.9	0

345957	1/7/2024 19:02	1/8/2024 9:00	837.75	0
315346	1/7/2024 19:02	1/8/2024 9:00	837.75	0
1346455	1/7/2024 19:02	1/8/2024 9:00	837.02	0
413869	1/7/2024 19:02	1/8/2024 9:00	837.9	0
315380	1/7/2024 19:02	1/8/2024 9:00	837.75	0
314350	1/7/2024 19:02	1/8/2024 9:00	837.75	0
1509486	1/7/2024 19:03	1/8/2024 9:00	836.18	0
125572	1/7/2024 19:03	1/8/2024 9:00	836.75	0
457978	1/7/2024 19:03	1/8/2024 9:00	836.9	0
21306	1/7/2024 19:03	1/8/2024 9:00	836.75	0
267537	1/7/2024 19:03	1/8/2024 9:00	836.75	0
11120838	1/7/2024 19:03	1/8/2024 9:00	836.75	0
323747	1/7/2024 19:03	1/8/2024 9:00	836.75	0
9063373	1/7/2024 19:04	1/8/2024 9:00	835.02	0
1350598	1/7/2024 19:04	1/8/2024 9:00	835.02	0
314945	1/7/2024 19:04	1/8/2024 9:00	835.75	0
1576533	1/7/2024 19:04	1/8/2024 9:00	835.18	0
547577	1/7/2024 19:05	1/8/2024 9:00	834.75	0
1432940	1/7/2024 19:05	1/8/2024 9:00	834.18	0
1556243	1/7/2024 19:05	1/8/2024 9:00	834.18	0
21820	1/7/2024 19:05	1/8/2024 9:00	834.75	0
1680798	1/7/2024 19:05	1/8/2024 9:00	834.75	0
274125	1/7/2024 19:05	1/8/2024 9:00	834.75	0
1683861	1/7/2024 19:06	1/8/2024 9:00	833.75	0
10371797	1/7/2024 19:06	1/8/2024 9:00	833.75	0
344958	1/7/2024 19:06	1/8/2024 9:00	833.75	0
981933	1/7/2024 19:06	1/8/2024 9:00	833.43	0
314163	1/7/2024 19:06	1/8/2024 9:00	833.75	0
316630	1/7/2024 19:06	1/8/2024 9:00	833.75	0
346347	1/7/2024 19:06	1/8/2024 9:00	833.75	0
324045	1/7/2024 19:06	1/8/2024 9:00	833.75	0
1351588	1/7/2024 19:06	1/8/2024 9:00	833.02	0
1552693	1/7/2024 19:06	1/8/2024 9:00	833.18	0
313954	1/7/2024 19:06	1/8/2024 9:00	833.75	0
1493132	1/7/2024 19:06	1/8/2024 9:00	833.02	0
1512146	1/7/2024 19:06	1/8/2024 9:00	833.18	0
7518767	1/7/2024 19:07	1/8/2024 9:00	832.75	0
8495802	1/7/2024 19:07	1/8/2024 9:00	832.18	0
315616	1/7/2024 19:07	1/8/2024 9:00	832.75	0
1515733	1/7/2024 19:07	1/8/2024 9:00	832.18	0
642003	1/7/2024 19:07	1/8/2024 9:00	832.9	0
8605921	1/7/2024 19:08	1/8/2024 9:00	831.75	0
304785	1/7/2024 19:08	1/8/2024 9:00	831.75	0
315345	1/7/2024 19:08	1/8/2024 9:00	831.75	0
197629	1/7/2024 19:08	1/8/2024 9:00	831.75	0
304295	1/7/2024 19:08	1/8/2024 9:00	831.75	0
349467	1/7/2024 19:09	1/8/2024 9:00	830.75	0

304345	1/7/2024 19:09	1/8/2024 9:00	830.75	0
313731	1/7/2024 19:10	1/8/2024 9:00	829.75	0
304845	1/7/2024 19:11	1/8/2024 9:00	828.75	0
51957	1/7/2024 19:11	1/8/2024 9:00	828.75	0
54324	1/7/2024 19:11	1/8/2024 9:00	828.75	0
56060	1/7/2024 19:11	1/8/2024 9:00	828.75	0
449377	1/7/2024 19:18	1/7/2024 20:05	47	0
457729	1/7/2024 19:29	1/8/2024 9:00	810.9	0
1565203	1/7/2024 19:59	1/8/2024 9:00	780.18	0
449377	1/7/2024 20:05	1/7/2024 20:15	10	0
496498	1/7/2024 20:06	1/8/2024 9:00	773.9	0
1378273	1/7/2024 20:14	1/8/2024 9:00	765.02	0
449377	1/7/2024 20:15	1/7/2024 20:36	21	0
449377	1/7/2024 20:36	1/7/2024 20:57	21	0
1394324	1/7/2024 20:38	1/8/2024 9:00	741.02	0
449377	1/7/2024 20:57	1/7/2024 21:13	16	0
449377	1/7/2024 21:13	1/7/2024 22:42	89	0
1583853	1/7/2024 21:50	1/8/2024 9:00	669.18	0
449377	1/7/2024 22:42	1/7/2024 22:58	16	0
449377	1/7/2024 22:58	1/7/2024 23:30	32	0
1333801	1/7/2024 23:02	1/8/2024 9:00	597.02	0
1320008	1/7/2024 23:12	1/8/2024 9:00	587.02	0
449377	1/7/2024 23:30	1/8/2024 0:08	38	0
449377	1/8/2024 0:08	1/8/2024 0:54	46	0
449377	1/8/2024 0:54	1/8/2024 1:09	15	0
449377	1/8/2024 1:09	1/8/2024 2:07	58	0
449377	1/8/2024 2:07	1/8/2024 2:49	42	0
1326407	1/8/2024 2:10	1/8/2024 9:00	409.02	0
449377	1/8/2024 2:49	1/8/2024 3:47	58	0
449377	1/8/2024 3:47	1/8/2024 4:39	52	0
449377	1/8/2024 4:39	1/8/2024 5:27	48	0
449377	1/8/2024 5:27	1/8/2024 6:45	78	0
449377	1/8/2024 6:45	1/8/2024 8:04	79	0
449377	1/8/2024 8:04	1/8/2024 8:46	42	0
1466638	1/8/2024 8:26	1/8/2024 9:00	33.18	0
449377	1/8/2024 8:46	1/8/2024 9:00	13.9	0
1513541	1/8/2024 9:00	1/9/2024 9:00	1439.18	0
1453263	1/8/2024 9:00	1/9/2024 9:00	1439.18	0
1349032	1/8/2024 9:00	1/9/2024 9:00	1439.02	0
1985687	1/8/2024 9:00	1/9/2024 9:00	1439.9	0
1552447	1/8/2024 9:00	1/9/2024 9:00	1439.18	0
1516786	1/8/2024 9:00	1/9/2024 9:00	1439.18	0
8668965	1/8/2024 9:00	1/9/2024 9:00	1439.9	0
195216	1/8/2024 9:00	1/9/2024 9:00	1439.75	0
353728	1/8/2024 9:00	1/9/2024 9:00	1439.75	0
1394324	1/8/2024 9:00	1/9/2024 9:00	1439.02	0
574993	1/8/2024 9:00	1/9/2024 9:00	1439.9	0

1333801	1/8/2024 9:00	1/9/2024 9:00	1439.02	0
8766703	1/8/2024 9:00	1/9/2024 9:00	1439.43	0
496498	1/8/2024 9:01	1/9/2024 9:00	1438.9	0
500145	1/8/2024 9:02	1/9/2024 9:00	1437.9	0
1552990	1/8/2024 9:07	1/9/2024 9:00	1432.18	0
509233	1/8/2024 9:07	1/9/2024 9:00	1432.9	0
319279	1/8/2024 9:08	1/9/2024 9:00	1431.75	0
345957	1/8/2024 9:08	1/9/2024 9:00	1431.75	0
6761269	1/8/2024 9:08	1/9/2024 9:00	1431.75	0
304785	1/8/2024 9:39	1/8/2024 19:06	567	0
304845	1/8/2024 9:39	1/8/2024 19:08	569	0
1434359	1/8/2024 10:39	1/8/2024 14:12	213	0
1434316	1/8/2024 10:42	1/8/2024 18:50	488	0
252859	1/8/2024 11:03	1/8/2024 18:56	473	0
6828301	1/8/2024 11:14	1/8/2024 19:04	470	0
262048	1/8/2024 11:15	1/8/2024 18:50	455	0.18
1465882	1/8/2024 11:35	1/9/2024 9:00	1284.18	0
8068454	1/8/2024 12:42	1/8/2024 14:22	100	0
21820	1/8/2024 13:05	1/8/2024 19:04	359	0
21306	1/8/2024 13:06	1/8/2024 19:05	359	0
1434359	1/8/2024 14:12	1/8/2024 18:40	268	0
8068454	1/8/2024 14:22	1/8/2024 14:38	16	0
8068454	1/8/2024 14:38	1/8/2024 19:11	273	0
561672	1/8/2024 14:59	1/8/2024 19:11	252	0
1465703	1/8/2024 16:52	1/8/2024 18:57	125	0
1434359	1/8/2024 18:40	1/9/2024 9:00	859.18	0
262048	1/8/2024 18:50	1/9/2024 9:00	849.75	0
1434316	1/8/2024 18:50	1/9/2024 9:00	849.18	0
252859	1/8/2024 18:56	1/9/2024 9:00	843.75	0
1465703	1/8/2024 18:57	1/9/2024 9:00	842.18	0
6828301	1/8/2024 19:04	1/9/2024 9:00	835.75	0
21820	1/8/2024 19:04	1/9/2024 9:00	835.75	0
21306	1/8/2024 19:05	1/9/2024 9:00	834.75	0
304785	1/8/2024 19:06	1/9/2024 9:00	833.75	0
304845	1/8/2024 19:08	1/9/2024 9:00	831.75	0
561672	1/8/2024 19:11	1/9/2024 9:00	828.9	0
8068454	1/8/2024 19:11	1/9/2024 9:00	828.9	0
1433348	1/9/2024 7:53	1/9/2024 9:00	66.18	0
1432940	1/9/2024 7:55	1/9/2024 9:00	64.18	0
1444809	1/9/2024 7:57	1/9/2024 9:00	62.18	0
1595351	1/9/2024 8:02	1/9/2024 9:00	57.18	0
1445317	1/9/2024 8:09	1/9/2024 9:00	50.18	0
1376158	1/9/2024 8:14	1/9/2024 9:00	45.02	0
7902724	1/9/2024 8:31	1/9/2024 9:00	28.75	0
1093722	1/9/2024 8:36	1/9/2024 9:00	23.9	0
1320008	1/9/2024 8:36	1/9/2024 9:00	23.02	0
65245	1/9/2024 8:36	1/9/2024 9:00	23.75	0

307661	1/9/2024 8:56	1/9/2024 9:00	3.75	0
8511623	1/9/2024 8:57	1/9/2024 9:00	2.75	0
306565	1/9/2024 8:58	1/9/2024 9:00	1.75	0
1516786	1/9/2024 9:00	1/10/2024 9:00	1439.18	0
319279	1/9/2024 9:00	1/10/2024 9:00	1439.75	0
509233	1/9/2024 9:00	1/9/2024 14:10	310	0
1513541	1/9/2024 9:00	1/10/2024 9:00	1439.18	0
1453263	1/9/2024 9:00	1/9/2024 14:40	340	0
6761269	1/9/2024 9:00	1/9/2024 10:10	70	0
1349032	1/9/2024 9:00	1/10/2024 9:00	1439.02	0
1552447	1/9/2024 9:00	1/10/2024 9:00	1439.18	0
8668965	1/9/2024 9:00	1/9/2024 11:37	157	0
8766703	1/9/2024 9:00	1/10/2024 9:00	1439.43	0
1459057	1/9/2024 9:04	1/9/2024 14:18	314	0
9313875	1/9/2024 9:04	1/9/2024 14:18	314	0
1552990	1/9/2024 9:06	1/10/2024 9:00	1433.18	0
574993	1/9/2024 9:07	1/9/2024 14:38	331	0
1466638	1/9/2024 9:07	1/9/2024 10:20	73	0
1394324	1/9/2024 9:08	1/9/2024 15:04	356	0
1093722	1/9/2024 9:08	1/9/2024 18:08	540	0
1333801	1/9/2024 9:08	1/9/2024 17:54	526	0
1985687	1/9/2024 9:08	1/10/2024 9:00	1431.9	0
195216	1/9/2024 9:08	1/9/2024 11:19	131	0
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1609222	1/9/2024 9:14	1/9/2024 18:40	566	0
7902724	1/9/2024 9:18	1/9/2024 10:05	47	0
1595351	1/9/2024 9:21	1/10/2024 9:00	1418.18	0
1465703	1/9/2024 9:23	1/9/2024 17:10	467	0
1351588	1/9/2024 9:24	1/9/2024 11:56	152	0
325050	1/9/2024 9:24	1/9/2024 18:35	551	0
1348444	1/9/2024 9:24	1/9/2024 11:58	154	0
1350598	1/9/2024 9:24	1/9/2024 11:56	152	0
1321605	1/9/2024 9:24	1/9/2024 11:42	138	0
808384	1/9/2024 9:25	1/9/2024 18:10	525	0
1348976	1/9/2024 9:26	1/9/2024 11:58	152	0
1320845	1/9/2024 9:26	1/10/2024 9:00	1413.02	0
1350104	1/9/2024 9:26	1/9/2024 12:00	154	0
304785	1/9/2024 9:27	1/9/2024 14:31	304	0
810130	1/9/2024 9:27	1/9/2024 18:12	525	0
1494722	1/9/2024 9:28	1/9/2024 18:44	556	0
1351069	1/9/2024 9:28	1/9/2024 11:54	146	0
1349083	1/9/2024 9:28	1/9/2024 11:54	146	0
1349502	1/9/2024 9:28	1/9/2024 18:02	514	0
1349766	1/9/2024 9:28	1/9/2024 18:18	530	0
1393699	1/9/2024 9:28	1/9/2024 18:18	530	0
304845	1/9/2024 9:30	1/9/2024 18:41	551	0
9063373	1/9/2024 9:32	1/9/2024 17:52	500	0

349467	1/9/2024 9:32	1/9/2024 11:33	121	0
8605921	1/9/2024 9:32	1/9/2024 11:34	122	0
1430644	1/9/2024 9:32	1/9/2024 11:33	121	0
350517	1/9/2024 9:34	1/9/2024 17:53	499	0
1394365	1/9/2024 9:36	1/9/2024 17:56	500	0
1433348	1/9/2024 9:38	1/9/2024 14:11	273	0
580808	1/9/2024 9:38	1/9/2024 17:51	493	0
317233	1/9/2024 9:38	1/9/2024 10:08	30	0
317797	1/9/2024 9:38	1/9/2024 10:43	65	0
1320008	1/9/2024 9:38	1/9/2024 11:40	122	0
315345	1/9/2024 9:40	1/9/2024 11:00	80	0
1433697	1/9/2024 9:41	1/9/2024 15:01	320	0
315346	1/9/2024 9:41	1/9/2024 18:14	513	0
981933	1/9/2024 9:45	1/9/2024 18:24	519	0
979888	1/9/2024 9:47	1/10/2024 4:15	1108	0
350406	1/9/2024 9:47	1/9/2024 11:17	90	0
10393495	1/9/2024 9:48	1/9/2024 16:12	384	0
457729	1/9/2024 9:49	1/9/2024 11:34	105	0
982261	1/9/2024 9:49	1/9/2024 18:07	498	0
456099	1/9/2024 9:49	1/9/2024 11:34	105	0
457978	1/9/2024 9:49	1/9/2024 11:34	105	0
1417138	1/9/2024 9:50	1/9/2024 18:28	518	0
454901	1/9/2024 9:50	1/9/2024 11:35	105	0
558031	1/9/2024 9:50	1/9/2024 10:05	15	0
455994	1/9/2024 9:50	1/9/2024 10:52	62	0
561757	1/9/2024 9:51	1/9/2024 10:06	15	0
455345	1/9/2024 9:51	1/9/2024 11:38	107	0
498597	1/9/2024 9:52	1/9/2024 18:39	527	0
275018	1/9/2024 9:52	1/9/2024 16:14	382	0
1509486	1/9/2024 9:52	1/9/2024 18:27	515	0
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1346410	1/9/2024 9:54	1/9/2024 15:46	352	0
751178	1/9/2024 9:54	1/9/2024 18:18	504	0
455629	1/9/2024 9:55	1/9/2024 18:26	511	0
1346671	1/9/2024 9:58	1/9/2024 11:58	120	0
1702895	1/9/2024 9:58	1/9/2024 18:26	508	0
808829	1/9/2024 9:58	1/9/2024 18:32	514	0
307661	1/9/2024 10:00	1/9/2024 18:09	489	0
469018	1/9/2024 10:01	1/9/2024 18:19	498	0
306565	1/9/2024 10:01	1/9/2024 14:30	269	0
315169	1/9/2024 10:01	1/9/2024 18:19	498	0
573050	1/9/2024 10:04	1/10/2024 1:16	912	0
315730	1/9/2024 10:04	1/9/2024 18:28	504	0
7178975	1/9/2024 10:05	1/9/2024 18:23	498	0
7902724	1/9/2024 10:05	1/10/2024 8:34	1349	0
314188	1/9/2024 10:05	1/10/2024 4:07	1082	0
558031	1/9/2024 10:05	1/9/2024 11:35	90	0

1320646	1/9/2024 10:06	1/9/2024 11:42	96	0
1310926	1/9/2024 10:06	1/9/2024 11:36	90	0
561757	1/9/2024 10:06	1/9/2024 11:36	90	0
1320619	1/9/2024 10:06	1/9/2024 11:36	90	0
197690	1/9/2024 10:06	1/9/2024 14:11	245	0
197883	1/9/2024 10:07	1/9/2024 14:08	241	0
197629	1/9/2024 10:07	1/9/2024 14:11	244	0
1342974	1/9/2024 10:08	1/9/2024 16:32	384	0
1343091	1/9/2024 10:08	1/9/2024 15:54	346	0
196408	1/9/2024 10:08	1/9/2024 18:20	492	0
314945	1/9/2024 10:08	1/9/2024 18:32	504	0
317233	1/9/2024 10:08	1/9/2024 13:07	179	0
10510361	1/9/2024 10:09	1/9/2024 15:28	319	0
317084	1/9/2024 10:09	1/9/2024 13:20	191	0
195839	1/9/2024 10:09	1/9/2024 14:34	265	0
314899	1/9/2024 10:10	1/9/2024 15:30	320	0
523489	1/9/2024 10:10	1/9/2024 15:27	317	0
1309098	1/9/2024 10:10	1/9/2024 18:16	486	0
6761269	1/9/2024 10:10	1/9/2024 16:52	402	0
381982	1/9/2024 10:11	1/9/2024 18:40	509	0
346967	1/9/2024 10:11	1/9/2024 16:44	393	0
318402	1/9/2024 10:11	1/9/2024 15:31	320	0
353371	1/9/2024 10:11	1/9/2024 18:51	520	0
8910809	1/9/2024 10:11	1/9/2024 18:28	497	0
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346288	1/9/2024 10:12	1/9/2024 16:45	393	0
8104722	1/9/2024 10:12	1/9/2024 21:00	648	0
160073	1/9/2024 10:13	1/9/2024 18:26	493	0
317195	1/9/2024 10:13	1/9/2024 10:52	39	0
380057	1/9/2024 10:13	1/9/2024 18:39	506	0
353082	1/9/2024 10:14	1/9/2024 18:43	509	0
345647	1/9/2024 10:14	1/9/2024 16:43	389	0
6995795	1/9/2024 10:14	1/9/2024 18:29	495	0
1393633	1/9/2024 10:14	1/9/2024 18:22	488	0
7533405	1/9/2024 10:14	1/9/2024 11:11	57	0
7879030	1/9/2024 10:15	1/9/2024 18:41	506	0
353651	1/9/2024 10:16	1/9/2024 18:31	495	0
1493132	1/9/2024 10:16	1/9/2024 11:28	72	0
1375227	1/9/2024 10:16	1/9/2024 18:08	472	0
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304295	1/9/2024 10:17	1/9/2024 17:55	458	0
449036	1/9/2024 10:17	1/9/2024 11:35	78	0
353728	1/9/2024 10:17	1/9/2024 19:55	578	0
1251782	1/9/2024 10:18	1/9/2024 18:34	496	0
498070	1/9/2024 10:19	1/9/2024 18:12	473	0
449377	1/9/2024 10:19	1/9/2024 10:28	9	0
1430294	1/9/2024 10:19	1/9/2024 18:06	467	0

817260	1/9/2024 10:19	1/9/2024 18:25	486	0
1466638	1/9/2024 10:20	1/9/2024 10:36	16	0
274059	1/9/2024 10:20	1/9/2024 16:20	360	0
197561	1/9/2024 10:20	1/9/2024 15:00	280	0
1512146	1/9/2024 10:22	1/9/2024 18:35	493	0
500173	1/9/2024 10:22	1/9/2024 17:48	446	0
8495805	1/9/2024 10:22	1/9/2024 18:41	499	0
323657	1/9/2024 10:23	1/9/2024 11:53	90	0
1664433	1/9/2024 10:23	1/9/2024 18:29	486	0
324290	1/9/2024 10:23	1/9/2024 11:56	93	0
1524033	1/9/2024 10:23	1/9/2024 11:52	89	0
1683861	1/9/2024 10:23	1/9/2024 18:29	486	0
274125	1/9/2024 10:24	1/9/2024 16:13	349	0
323747	1/9/2024 10:24	1/9/2024 18:38	494	0
324249	1/9/2024 10:24	1/9/2024 11:54	90	0
8621797	1/9/2024 10:27	1/9/2024 14:26	239	0
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997397	1/9/2024 10:30	1/9/2024 17:39	429	0
593397	1/9/2024 10:30	1/9/2024 17:57	447	0
350346	1/9/2024 10:31	1/9/2024 11:33	62	0
1553245	1/9/2024 10:32	1/9/2024 17:58	446	0
593798	1/9/2024 10:32	1/9/2024 17:58	446	0
995564	1/9/2024 10:32	1/9/2024 16:58	386	0
1437071	1/9/2024 10:33	1/9/2024 11:36	63	0
593366	1/9/2024 10:33	1/9/2024 17:58	445	0
1416360	1/9/2024 10:34	1/9/2024 18:42	488	0
70277	1/9/2024 10:34	1/9/2024 18:31	477	0
1550318	1/9/2024 10:35	1/9/2024 18:38	483	0
571799	1/9/2024 10:36	1/9/2024 14:06	210	0
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8734349	1/9/2024 10:38	1/9/2024 11:58	80	0
800600	1/9/2024 10:38	1/9/2024 18:25	467	0
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1351539	1/9/2024 10:42	1/9/2024 11:56	74	0
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1405290	1/9/2024 10:44	1/9/2024 11:00	16	0
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1378128	1/9/2024 10:46	1/9/2024 18:16	450	0
1515964	1/9/2024 10:47	1/9/2024 11:45	58	0
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10659831	1/9/2024 10:52	1/9/2024 16:59	367	0
611116	1/9/2024 10:52	1/9/2024 18:37	465	0
455994	1/9/2024 10:52	1/9/2024 18:39	467	0
317195	1/9/2024 10:52	1/9/2024 16:22	330	0
605186	1/9/2024 10:53	1/9/2024 17:42	409	0
553755	1/9/2024 10:53	1/9/2024 14:08	195	0
1515733	1/9/2024 10:53	1/9/2024 12:56	123	0
8387677	1/9/2024 10:54	1/9/2024 11:26	32	0
611270	1/9/2024 10:55	1/9/2024 18:25	450	0
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611363	1/9/2024 10:56	1/9/2024 18:27	451	0
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316997	1/9/2024 10:56	1/9/2024 18:48	472	0
1406535	1/9/2024 10:58	1/9/2024 18:34	456	0
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418876	1/9/2024 11:02	1/9/2024 17:41	399	0
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1093889	1/9/2024 11:08	1/9/2024 18:02	414	0
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324045	1/9/2024 11:09	1/9/2024 18:45	456	0
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645339	1/9/2024 11:13	1/9/2024 14:22	189	0
1610090	1/9/2024 11:14	1/9/2024 18:08	414	0
328113	1/9/2024 11:16	1/9/2024 14:33	197	0
816722	1/9/2024 11:17	1/9/2024 18:17	420	0

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195216	1/9/2024 11:19	1/9/2024 14:32	193	0
817825	1/9/2024 11:20	1/9/2024 18:25	425	0
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511266	1/9/2024 11:34	1/9/2024 14:11	157	0
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457978	1/9/2024 11:34	1/9/2024 12:23	49	0
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454901	1/9/2024 11:35	1/9/2024 12:22	47	0
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601397	1/9/2024 11:35	1/9/2024 15:21	226	0
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454861	1/9/2024 11:36	1/9/2024 18:28	412	0
1437071	1/9/2024 11:36	1/9/2024 18:26	410	0
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8668965	1/9/2024 11:37	1/9/2024 14:09	152	0
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1321605	1/9/2024 11:42	1/9/2024 14:40	178	0
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317768	1/9/2024 11:45	1/9/2024 14:18	153	0
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1430644	1/9/2024 11:49	1/9/2024 17:58	369	0
47769	1/9/2024 11:49	1/9/2024 17:42	353	0
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1523524	1/9/2024 11:53	1/9/2024 13:06	73	0
449377	1/9/2024 11:54	1/9/2024 12:41	47	0
1350597	1/9/2024 11:54	1/9/2024 15:46	232	0
1346665	1/9/2024 11:54	1/9/2024 15:46	232	0
1351069	1/9/2024 11:54	1/9/2024 18:28	394	0
324249	1/9/2024 11:54	1/10/2024 9:00	1265.75	0
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1350499	1/9/2024 11:54	1/9/2024 15:44	230	0
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1349244	1/9/2024 11:54	1/9/2024 15:44	230	0
1521509	1/9/2024 11:55	1/9/2024 14:43	168	0
1351539	1/9/2024 11:56	1/9/2024 15:48	232	0
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324290	1/9/2024 11:56	1/9/2024 12:23	27	0
1350598	1/9/2024 11:56	1/9/2024 15:46	230	0
1348976	1/9/2024 11:58	1/9/2024 18:38	400	0
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8734349	1/9/2024 11:58	1/9/2024 18:32	394	0
29635	1/9/2024 11:59	1/10/2024 9:00	1260.75	0
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1407947	1/9/2024 12:00	1/10/2024 9:00	1259.02	0
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1350104	1/9/2024 12:00	1/9/2024 15:46	226	0
1515964	1/9/2024 12:01	1/9/2024 12:16	15	0
1557303	1/9/2024 12:01	1/9/2024 13:04	63	0
8495802	1/9/2024 12:01	1/9/2024 18:35	394	0
1376158	1/9/2024 12:02	1/9/2024 18:30	388	0
1554218	1/9/2024 12:02	1/9/2024 13:05	63	0
1557188	1/9/2024 12:04	1/9/2024 13:02	58	0

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549259	1/9/2024 12:12	1/10/2024 9:00	1247.9	0
1599209	1/9/2024 12:14	1/9/2024 18:08	354	0
1597556	1/9/2024 12:14	1/9/2024 14:57	163	0
10433250	1/9/2024 12:16	1/10/2024 9:00	1243.02	0
1515964	1/9/2024 12:16	1/10/2024 9:00	1243.18	0
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570022	1/9/2024 12:18	1/9/2024 18:20	362	0
455345	1/9/2024 12:18	1/9/2024 12:34	16	0
196965	1/9/2024 12:19	1/9/2024 17:44	325	0
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454901	1/9/2024 12:22	1/9/2024 12:35	13	0
324290	1/9/2024 12:23	1/9/2024 14:50	147	0
457978	1/9/2024 12:23	1/9/2024 12:37	14	0
457729	1/9/2024 12:23	1/9/2024 18:41	378	0
455345	1/9/2024 12:34	1/9/2024 13:06	32	0
454901	1/9/2024 12:35	1/9/2024 13:07	32	0
456099	1/9/2024 12:37	1/9/2024 18:20	343	0
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449377	1/9/2024 12:41	1/9/2024 12:46	5	0
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7518767	1/9/2024 13:01	1/9/2024 14:49	108	0
8387592	1/9/2024 13:02	1/10/2024 9:00	1197.9	0
1557188	1/9/2024 13:02	1/9/2024 15:03	121	0
557582	1/9/2024 13:03	1/10/2024 9:00	1196.9	0
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1557303	1/9/2024 13:04	1/9/2024 15:05	121	0
488435	1/9/2024 13:05	1/9/2024 18:09	304	0
626477	1/9/2024 13:05	1/9/2024 14:08	63	0
1554218	1/9/2024 13:05	1/10/2024 9:00	1194.18	0
1076378	1/9/2024 13:05	1/10/2024 9:00	1194.9	0
1523524	1/9/2024 13:06	1/9/2024 14:50	104	0
455345	1/9/2024 13:06	1/9/2024 14:51	105	0
457978	1/9/2024 13:07	1/9/2024 18:38	331	0
454901	1/9/2024 13:07	1/9/2024 18:24	317	0
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627289	1/9/2024 13:19	1/9/2024 13:51	32	0

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367373	1/9/2024 13:24	1/10/2024 9:00	1175.9	0
373050	1/9/2024 13:25	1/10/2024 9:00	1174.9	0
375655	1/9/2024 13:26	1/10/2024 9:00	1173.9	0
375117	1/9/2024 13:28	1/10/2024 9:00	1171.9	0
373278	1/9/2024 13:28	1/10/2024 9:00	1171.9	0
1395587	1/9/2024 13:32	1/9/2024 17:58	266	0
1310926	1/9/2024 13:38	1/9/2024 18:42	304	0
449377	1/9/2024 13:38	1/9/2024 15:23	105	0
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320966	1/9/2024 13:49	1/9/2024 18:22	273	0
627018	1/9/2024 13:49	1/9/2024 14:20	31	0
627289	1/9/2024 13:51	1/9/2024 14:22	31	0
624953	1/9/2024 13:51	1/9/2024 14:22	31	0
624628	1/9/2024 13:52	1/9/2024 14:24	32	0
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446126	1/9/2024 13:56	1/10/2024 9:00	1143.9	0
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451783	1/9/2024 13:59	1/9/2024 18:26	267	0
13912	1/9/2024 14:02	1/9/2024 15:02	60	0
352964	1/9/2024 14:03	1/10/2024 9:00	1136.75	0
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619266	1/9/2024 14:07	1/9/2024 14:49	42	0
624716	1/9/2024 14:07	1/9/2024 18:39	272	0
195666	1/9/2024 14:08	1/9/2024 17:54	226	0
553755	1/9/2024 14:08	1/9/2024 15:26	78	0
197883	1/9/2024 14:08	1/9/2024 14:39	31	0
626477	1/9/2024 14:08	1/9/2024 17:59	231	0
193791	1/9/2024 14:08	1/9/2024 18:20	252	0
323657	1/9/2024 14:09	1/9/2024 14:25	16	0
8668965	1/9/2024 14:09	1/9/2024 14:25	16	0
571847	1/9/2024 14:09	1/9/2024 15:22	73	0
510307	1/9/2024 14:10	1/9/2024 16:58	168	0
509233	1/9/2024 14:10	1/9/2024 14:26	16	0
196653	1/9/2024 14:11	1/9/2024 18:18	247	0
511266	1/9/2024 14:11	1/9/2024 16:59	168	0
510974	1/9/2024 14:11	1/9/2024 14:33	22	0
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197629	1/9/2024 14:11	1/9/2024 14:36	25	0
193420	1/9/2024 14:15	1/10/2024 9:00	1124.75	0
1430553	1/9/2024 14:15	1/9/2024 14:31	16	0
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1459057	1/9/2024 14:18	1/9/2024 14:34	16	0
9313875	1/9/2024 14:18	1/9/2024 14:34	16	0
317768	1/9/2024 14:18	1/9/2024 14:34	16	0

219948	1/9/2024 14:19	1/10/2024 9:00	1120.75	0
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1463218	1/9/2024 14:20	1/9/2024 14:46	26	0
859747	1/9/2024 14:21	1/9/2024 16:22	121	0
1464949	1/9/2024 14:21	1/9/2024 18:39	258	0
195187	1/9/2024 14:22	1/9/2024 18:25	243	0
624953	1/9/2024 14:22	1/9/2024 14:54	32	0
627289	1/9/2024 14:22	1/9/2024 14:54	32	0
8972545	1/9/2024 14:22	1/9/2024 18:02	220	0
1077082	1/9/2024 14:22	1/9/2024 14:48	26	0
645339	1/9/2024 14:22	1/9/2024 18:18	236	0
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643812	1/9/2024 14:23	1/9/2024 14:54	31	0
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624628	1/9/2024 14:24	1/9/2024 18:19	235	0
643434	1/9/2024 14:24	1/9/2024 14:55	31	0
508593	1/9/2024 14:24	1/9/2024 14:34	10	0
323657	1/9/2024 14:25	1/9/2024 18:40	255	0
8668965	1/9/2024 14:25	1/9/2024 14:35	10	0
8621797	1/9/2024 14:26	1/9/2024 18:32	246	0
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509233	1/9/2024 14:26	1/9/2024 14:38	12	0
511223	1/9/2024 14:26	1/9/2024 14:37	11	0
510522	1/9/2024 14:26	1/9/2024 14:41	15	0
304345	1/9/2024 14:28	1/9/2024 17:21	173	0
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430114	1/9/2024 14:30	1/9/2024 15:01	31	0
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304785	1/9/2024 14:31	1/9/2024 18:12	221	0
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1459057	1/9/2024 14:34	1/9/2024 18:10	216	0
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597560	1/9/2024 14:34	1/9/2024 18:04	210	0
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9313875	1/9/2024 14:34	1/9/2024 18:15	221	0
595591	1/9/2024 14:34	1/9/2024 18:02	208	0
14239	1/9/2024 14:34	1/9/2024 15:00	26	0
195839	1/9/2024 14:34	1/9/2024 14:52	18	0
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1421188	1/9/2024 14:34	1/9/2024 14:40	6	0
317053	1/9/2024 14:34	1/10/2024 9:00	1105.75	0
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1431804	1/9/2024 14:35	1/9/2024 15:02	27	0
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197690	1/9/2024 14:36	1/9/2024 15:15	39	0
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7937779	1/9/2024 14:38	1/9/2024 21:26	408	0
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574993	1/9/2024 14:38	1/9/2024 14:43	5	0
574596	1/9/2024 14:38	1/9/2024 18:23	225	0
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1421188	1/9/2024 14:40	1/9/2024 18:30	230	0
1378582	1/9/2024 14:40	1/9/2024 17:54	194	0
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574993	1/9/2024 14:43	1/9/2024 14:54	11	0
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197629	1/9/2024 14:47	1/9/2024 18:28	221	0

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352962	1/9/2024 14:47	1/9/2024 18:11	204	0
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324290	1/9/2024 14:50	1/9/2024 17:38	168	0
281056	1/9/2024 14:50	1/9/2024 15:02	12	0
199354	1/9/2024 14:51	1/9/2024 18:09	198	0
199337	1/9/2024 14:51	1/9/2024 18:31	220	0
280173	1/9/2024 14:51	1/9/2024 14:58	7	0
11081884	1/9/2024 14:51	1/9/2024 18:21	210	0
455345	1/9/2024 14:51	1/9/2024 16:05	74	0
197356	1/9/2024 14:52	1/9/2024 18:37	225	0
195839	1/9/2024 14:52	1/9/2024 17:47	175	0
627018	1/9/2024 14:52	1/9/2024 17:56	184	0
8387677	1/9/2024 14:53	1/10/2024 9:00	1086.75	0
4173986	1/9/2024 14:53	1/10/2024 9:00	1086.75	0
275495	1/9/2024 14:53	1/10/2024 9:00	1086.75	0
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624953	1/9/2024 14:54	1/9/2024 18:13	199	0
574993	1/9/2024 14:54	1/9/2024 14:59	5	0
627289	1/9/2024 14:54	1/9/2024 18:24	210	0
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643434	1/9/2024 14:55	1/9/2024 18:10	195	0
7932279	1/9/2024 14:55	1/10/2024 9:00	1084.18	0
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535717	1/9/2024 14:56	1/10/2024 9:00	1083.75	0
1597556	1/9/2024 14:57	1/10/2024 9:00	1082.18	0
280173	1/9/2024 14:58	1/9/2024 15:05	7	0
274522	1/9/2024 14:58	1/10/2024 9:00	1081.75	0
535845	1/9/2024 14:59	1/10/2024 9:00	1080.75	0
574993	1/9/2024 14:59	1/9/2024 15:10	11	0
197561	1/9/2024 15:00	1/9/2024 17:51	171	0
14239	1/9/2024 15:00	1/9/2024 18:14	194	0
416557	1/9/2024 15:00	1/9/2024 17:53	173	0
15611	1/9/2024 15:01	1/10/2024 9:00	1078.75	0

1433697	1/9/2024 15:01	1/10/2024 8:57	1076	0
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430114	1/9/2024 15:01	1/9/2024 18:26	205	0
456048	1/9/2024 15:01	1/9/2024 16:26	85	0
1431804	1/9/2024 15:02	1/9/2024 18:32	210	0
1343695	1/9/2024 15:02	1/10/2024 9:00	1077.02	0
281235	1/9/2024 15:02	1/10/2024 9:00	1077.75	0
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1557676	1/9/2024 15:02	1/9/2024 18:16	194	0
281056	1/9/2024 15:02	1/10/2024 9:00	1077.75	0
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14605	1/9/2024 15:03	1/10/2024 9:00	1076.75	0
456084	1/9/2024 15:03	1/9/2024 16:21	78	0
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313269	1/9/2024 15:04	1/9/2024 18:32	208	0
623612	1/9/2024 15:04	1/10/2024 9:00	1075.9	0
8524544	1/9/2024 15:04	1/9/2024 18:08	184	0
1556243	1/9/2024 15:04	1/9/2024 18:34	210	0
9993412	1/9/2024 15:04	1/10/2024 9:00	1075.9	0
328570	1/9/2024 15:04	1/10/2024 9:00	1075.75	0
13876	1/9/2024 15:04	1/10/2024 9:00	1075.75	0
1462990	1/9/2024 15:04	1/9/2024 18:39	215	0
1557303	1/9/2024 15:05	1/9/2024 18:17	192	0
280173	1/9/2024 15:05	1/10/2024 1:00	595	0
623069	1/9/2024 15:06	1/10/2024 9:00	1073.9	0
623871	1/9/2024 15:06	1/10/2024 9:00	1073.9	0
6168330	1/9/2024 15:08	1/9/2024 18:05	177	0
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551972	1/9/2024 15:09	1/9/2024 18:03	174	0
1431752	1/9/2024 15:10	1/9/2024 18:24	194	0
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317233	1/9/2024 15:15	1/9/2024 23:06	471	0
574993	1/9/2024 15:15	1/10/2024 9:00	1064.9	0
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1556434	1/9/2024 15:18	1/9/2024 18:39	201	0
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1556486	1/9/2024 15:22	1/9/2024 18:20	178	0
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449377	1/9/2024 15:23	1/9/2024 16:00	37	0
571799	1/9/2024 15:25	1/9/2024 17:31	126	0
553755	1/9/2024 15:26	1/10/2024 0:08	522	0

523489	1/9/2024 15:27	1/9/2024 15:43	16	0
10510361	1/9/2024 15:28	1/9/2024 15:43	15	0
308622	1/9/2024 15:28	1/9/2024 18:27	179	0
1457350	1/9/2024 15:28	1/10/2024 9:00	1051.18	0
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316971	1/9/2024 15:31	1/9/2024 18:26	175	0
317084	1/9/2024 15:31	1/9/2024 15:42	11	0
318402	1/9/2024 15:31	1/9/2024 15:42	11	0
1394324	1/9/2024 15:36	1/9/2024 17:52	136	0
318402	1/9/2024 15:42	1/9/2024 16:24	42	0
317084	1/9/2024 15:42	1/9/2024 16:18	36	0
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10510361	1/9/2024 15:43	1/9/2024 16:20	37	0
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1349244	1/9/2024 15:44	1/9/2024 18:18	154	0
1346455	1/9/2024 15:44	1/9/2024 18:32	168	0
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1350499	1/9/2024 15:44	1/9/2024 18:16	152	0
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1350975	1/9/2024 15:46	1/9/2024 18:24	158	0
1348300	1/9/2024 15:46	1/9/2024 18:18	152	0
1346665	1/9/2024 15:46	1/9/2024 18:34	168	0
314899	1/9/2024 15:46	1/9/2024 18:13	147	0
1346410	1/9/2024 15:46	1/9/2024 16:02	16	0
1350597	1/9/2024 15:46	1/9/2024 18:24	158	0
1350104	1/9/2024 15:46	1/9/2024 18:28	162	0
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1348444	1/9/2024 15:50	1/9/2024 18:16	146	0
539938	1/9/2024 15:52	1/9/2024 18:24	152	0
1343091	1/9/2024 15:54	1/10/2024 9:00	1025.02	0
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281456	1/9/2024 15:58	1/10/2024 1:10	552	0
279780	1/9/2024 15:58	1/10/2024 1:12	554	0
280887	1/9/2024 15:59	1/10/2024 1:10	551	0
449377	1/9/2024 16:00	1/9/2024 16:05	5	0
8605921	1/9/2024 16:01	1/9/2024 18:43	162	0
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449377	1/9/2024 16:05	1/9/2024 17:45	100	0
455345	1/9/2024 16:05	1/9/2024 18:44	159	0

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1377393	1/9/2024 16:12	1/9/2024 18:02	110	0
10393495	1/9/2024 16:12	1/10/2024 9:00	1007.75	0
274125	1/9/2024 16:13	1/10/2024 9:00	1006.75	0
275018	1/9/2024 16:14	1/10/2024 9:00	1005.75	0
319726	1/9/2024 16:16	1/9/2024 23:06	410	0
317084	1/9/2024 16:18	1/9/2024 18:16	118	0
274059	1/9/2024 16:20	1/10/2024 9:00	999.75	0
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456084	1/9/2024 16:21	1/10/2024 9:00	998.9	0
523489	1/9/2024 16:21	1/9/2024 20:48	267	0
317195	1/9/2024 16:22	1/9/2024 23:16	414	0
859747	1/9/2024 16:22	1/9/2024 18:38	136	0
318402	1/9/2024 16:24	1/9/2024 20:50	266	0
456048	1/9/2024 16:26	1/10/2024 9:00	993.9	0
1342974	1/9/2024 16:32	1/10/2024 9:00	987.02	0
8068454	1/9/2024 16:32	1/10/2024 9:00	987.9	0
501613	1/9/2024 16:33	1/10/2024 9:00	986.9	0
1390184	1/9/2024 16:34	1/9/2024 18:34	120	0
641922	1/9/2024 16:39	1/9/2024 18:08	89	0
642139	1/9/2024 16:40	1/9/2024 18:19	99	0
345647	1/9/2024 16:43	1/10/2024 9:00	976.75	0
346967	1/9/2024 16:44	1/10/2024 9:00	975.75	0
342796	1/9/2024 16:45	1/10/2024 9:00	974.75	0
346288	1/9/2024 16:45	1/10/2024 9:00	974.75	0
350346	1/9/2024 16:48	1/9/2024 17:46	58	0
6761269	1/9/2024 16:52	1/10/2024 9:00	967.75	0
511223	1/9/2024 16:55	1/10/2024 9:00	964.9	0
8668965	1/9/2024 16:57	1/10/2024 9:00	962.9	0
995564	1/9/2024 16:58	1/10/2024 9:00	961.43	0
510307	1/9/2024 16:58	1/10/2024 9:00	961.9	0
511266	1/9/2024 16:59	1/10/2024 9:00	960.9	0
10659831	1/9/2024 16:59	1/10/2024 9:00	960.18	0
508593	1/9/2024 17:01	1/10/2024 9:00	958.9	0
8434548	1/9/2024 17:04	1/10/2024 9:00	955.75	0
1465703	1/9/2024 17:10	1/10/2024 9:00	949.18	0
507365	1/9/2024 17:11	1/10/2024 9:00	948.9	0
304345	1/9/2024 17:21	1/10/2024 9:00	938.75	0
552210	1/9/2024 17:26	1/10/2024 9:00	933.9	0
583848	1/9/2024 17:30	1/9/2024 18:02	32	0
571799	1/9/2024 17:31	1/10/2024 9:00	928.9	0
324290	1/9/2024 17:38	1/10/2024 9:00	921.75	0
997397	1/9/2024 17:39	1/10/2024 9:00	920.43	0
418876	1/9/2024 17:41	1/10/2024 9:00	918.9	0
417158	1/9/2024 17:41	1/10/2024 9:00	918.9	0
47769	1/9/2024 17:42	1/10/2024 9:00	917.75	0
605186	1/9/2024 17:42	1/10/2024 9:00	917.9	0

196965	1/9/2024 17:44	1/10/2024 9:00	915.75	0
449377	1/9/2024 17:45	1/9/2024 18:08	23	0
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197690	1/9/2024 17:47	1/10/2024 9:00	912.75	0
195839	1/9/2024 17:47	1/10/2024 9:00	912.75	0
500173	1/9/2024 17:48	1/10/2024 9:00	911.9	0
1430553	1/9/2024 17:50	1/10/2024 9:00	909.18	0
378229	1/9/2024 17:50	1/10/2024 9:00	909.9	0
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1394324	1/9/2024 17:52	1/10/2024 9:00	907.02	0
9063373	1/9/2024 17:52	1/10/2024 9:00	907.02	0
350517	1/9/2024 17:53	1/10/2024 9:00	906.75	0
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304295	1/9/2024 17:55	1/10/2024 9:00	904.75	0
1565203	1/9/2024 17:55	1/10/2024 9:00	904.18	0
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1332906	1/9/2024 17:56	1/10/2024 9:00	903.02	0
627018	1/9/2024 17:56	1/10/2024 9:00	903.9	0
49209	1/9/2024 17:56	1/10/2024 9:00	903.75	0
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1395587	1/9/2024 17:58	1/10/2024 9:00	901.02	0
593366	1/9/2024 17:58	1/10/2024 8:35	877	0
1430644	1/9/2024 17:58	1/10/2024 9:00	901.18	0
593798	1/9/2024 17:58	1/10/2024 8:30	872	0
1553245	1/9/2024 17:58	1/10/2024 9:00	901.18	0
626477	1/9/2024 17:59	1/10/2024 9:00	900.9	0
1321605	1/9/2024 18:00	1/10/2024 9:00	899.02	0
1466638	1/9/2024 18:01	1/10/2024 9:00	898.18	0
595591	1/9/2024 18:02	1/10/2024 9:00	897.9	0
583848	1/9/2024 18:02	1/10/2024 9:00	897.9	0
8972545	1/9/2024 18:02	1/10/2024 9:00	897.9	0
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415949	1/9/2024 18:03	1/10/2024 9:00	896.9	0
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1377303	1/9/2024 18:04	1/10/2024 9:00	895.02	0
598463	1/9/2024 18:04	1/10/2024 9:00	895.9	0
597560	1/9/2024 18:04	1/10/2024 9:00	895.9	0
6168330	1/9/2024 18:05	1/10/2024 9:00	894.75	0

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317797	1/9/2024 18:06	1/10/2024 9:00	893.75	0
596493	1/9/2024 18:07	1/10/2024 9:00	892.9	0
1433348	1/9/2024 18:07	1/10/2024 8:55	888	0
982261	1/9/2024 18:07	1/10/2024 9:00	892.43	0
1599209	1/9/2024 18:08	1/10/2024 9:00	891.18	0
641922	1/9/2024 18:08	1/10/2024 9:00	891.9	0
8524544	1/9/2024 18:08	1/10/2024 9:00	891.75	0
1610090	1/9/2024 18:08	1/10/2024 9:00	891.18	0
1375227	1/9/2024 18:08	1/10/2024 7:58	830	0
449377	1/9/2024 18:08	1/9/2024 18:59	51	0
1093722	1/9/2024 18:08	1/10/2024 8:19	851	0
199354	1/9/2024 18:09	1/10/2024 9:00	890.75	0
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315088	1/9/2024 18:09	1/10/2024 9:00	890.75	0
307661	1/9/2024 18:09	1/10/2024 9:00	890.75	0
808384	1/9/2024 18:10	1/10/2024 9:00	889.87	0
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267537	1/9/2024 18:11	1/10/2024 9:00	888.75	0
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1375642	1/9/2024 18:12	1/10/2024 9:00	887.02	0
303510	1/9/2024 18:12	1/10/2024 9:00	887.75	0
810130	1/9/2024 18:12	1/10/2024 9:00	887.87	0
498070	1/9/2024 18:12	1/10/2024 9:00	887.9	0
304785	1/9/2024 18:12	1/10/2024 9:00	887.75	0
624953	1/9/2024 18:13	1/10/2024 9:00	886.9	0
314899	1/9/2024 18:13	1/10/2024 9:00	886.75	0
1349542	1/9/2024 18:14	1/10/2024 9:00	885.02	0
1348773	1/9/2024 18:14	1/10/2024 9:00	885.02	0
14239	1/9/2024 18:14	1/10/2024 9:00	885.75	0
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1445317	1/9/2024 18:14	1/9/2024 18:24	10	0
315346	1/9/2024 18:14	1/10/2024 9:00	885.75	0
315345	1/9/2024 18:14	1/10/2024 9:00	885.75	0
9313875	1/9/2024 18:15	1/10/2024 9:00	884.18	0
561757	1/9/2024 18:15	1/10/2024 9:00	884.9	0
1378128	1/9/2024 18:16	1/10/2024 9:00	883.02	0
315306	1/9/2024 18:16	1/10/2024 9:00	883.75	0
1309098	1/9/2024 18:16	1/10/2024 9:00	883.02	0
1350499	1/9/2024 18:16	1/10/2024 9:00	883.02	0
1348444	1/9/2024 18:16	1/10/2024 9:00	883.02	0
317084	1/9/2024 18:16	1/10/2024 9:00	883.75	0
1429127	1/9/2024 18:16	1/10/2024 9:00	883.18	0
1557676	1/9/2024 18:16	1/10/2024 9:00	883.18	0

1557303	1/9/2024 18:17	1/10/2024 9:00	882.18	0
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8148103	1/9/2024 18:17	1/10/2024 9:00	882.75	0
816722	1/9/2024 18:17	1/10/2024 9:00	882.87	0
1557188	1/9/2024 18:17	1/10/2024 9:00	882.18	0
1393699	1/9/2024 18:18	1/10/2024 9:00	881.02	0
1349766	1/9/2024 18:18	1/10/2024 9:00	881.02	0
1348300	1/9/2024 18:18	1/10/2024 9:00	881.02	0
196653	1/9/2024 18:18	1/10/2024 9:00	881.75	0
751178	1/9/2024 18:18	1/10/2024 9:00	881.9	0
645339	1/9/2024 18:18	1/10/2024 9:00	881.9	0
1349244	1/9/2024 18:18	1/10/2024 9:00	881.02	0
558031	1/9/2024 18:19	1/10/2024 9:00	880.9	0
643812	1/9/2024 18:19	1/10/2024 9:00	880.9	0
469018	1/9/2024 18:19	1/10/2024 9:00	880.9	0
644030	1/9/2024 18:19	1/10/2024 9:00	880.9	0
860281	1/9/2024 18:19	1/10/2024 9:00	880.87	0
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571847	1/9/2024 18:20	1/10/2024 9:00	879.9	0
196408	1/9/2024 18:20	1/10/2024 9:00	879.75	0
1556486	1/9/2024 18:20	1/10/2024 9:00	879.18	0
456099	1/9/2024 18:20	1/10/2024 9:00	879.9	0
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570022	1/9/2024 18:20	1/10/2024 9:00	879.9	0
11081884	1/9/2024 18:21	1/10/2024 9:00	878.75	0
1463218	1/9/2024 18:21	1/10/2024 9:00	878.18	0
1556246	1/9/2024 18:21	1/10/2024 9:00	878.18	0
643196	1/9/2024 18:22	1/10/2024 9:00	877.9	0
320966	1/9/2024 18:22	1/10/2024 9:00	877.75	0
1393633	1/9/2024 18:22	1/10/2024 9:00	877.02	0
926657	1/9/2024 18:22	1/10/2024 9:00	877.87	0
7178975	1/9/2024 18:23	1/10/2024 8:18	835	0
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627289	1/9/2024 18:24	1/10/2024 9:00	875.9	0
619266	1/9/2024 18:24	1/10/2024 9:00	875.9	0
1320646	1/9/2024 18:24	1/10/2024 9:00	875.02	0
1431752	1/9/2024 18:24	1/10/2024 9:00	875.18	0
1445317	1/9/2024 18:24	1/10/2024 4:15	591	0
981933	1/9/2024 18:24	1/10/2024 9:00	875.43	0
564518	1/9/2024 18:24	1/10/2024 9:00	875.9	0
1320008	1/9/2024 18:24	1/10/2024 9:00	875.02	0
1350975	1/9/2024 18:24	1/10/2024 9:00	875.02	0
454901	1/9/2024 18:24	1/10/2024 9:00	875.9	0
539938	1/9/2024 18:24	1/10/2024 9:00	875.9	0
1350597	1/9/2024 18:24	1/10/2024 9:00	875.02	0

567126	1/9/2024 18:24	1/10/2024 9:00	875.9	0
817260	1/9/2024 18:25	1/10/2024 9:00	874.87	0
611270	1/9/2024 18:25	1/10/2024 9:00	874.9	0
817825	1/9/2024 18:25	1/10/2024 9:00	874.87	0
195187	1/9/2024 18:25	1/10/2024 9:00	874.75	0
800600	1/9/2024 18:25	1/10/2024 9:00	874.87	0
1437071	1/9/2024 18:26	1/10/2024 9:00	873.18	0
1702895	1/9/2024 18:26	1/10/2024 9:00	873.02	0
451783	1/9/2024 18:26	1/10/2024 9:00	873.9	0
1456419	1/9/2024 18:26	1/10/2024 9:00	873.18	0
430114	1/9/2024 18:26	1/10/2024 9:00	873.9	0
160073	1/9/2024 18:26	1/10/2024 9:00	873.43	0
1417279	1/9/2024 18:26	1/10/2024 9:00	873.02	0
455629	1/9/2024 18:26	1/10/2024 9:00	873.9	0
316971	1/9/2024 18:26	1/10/2024 9:00	873.75	0
1349338	1/9/2024 18:26	1/10/2024 9:00	873.02	0
800590	1/9/2024 18:27	1/10/2024 9:00	872.87	0
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611363	1/9/2024 18:27	1/10/2024 9:00	872.9	0
308622	1/9/2024 18:27	1/10/2024 9:00	872.75	0
1509486	1/9/2024 18:27	1/10/2024 9:00	872.18	0
197629	1/9/2024 18:28	1/10/2024 9:00	871.75	0
1351069	1/9/2024 18:28	1/10/2024 9:00	871.02	0
454861	1/9/2024 18:28	1/10/2024 9:00	871.9	0
315730	1/9/2024 18:28	1/10/2024 8:18	830	0
1349605	1/9/2024 18:28	1/10/2024 9:00	871.02	0
8910809	1/9/2024 18:28	1/10/2024 9:00	871.9	0
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6995795	1/9/2024 18:29	1/10/2024 9:00	870.9	0
1520371	1/9/2024 18:29	1/10/2024 9:00	870.18	0
1683861	1/9/2024 18:29	1/10/2024 9:00	870.75	0
800588	1/9/2024 18:29	1/10/2024 9:00	870.87	0
1405290	1/9/2024 18:30	1/10/2024 9:00	869.02	0
1376158	1/9/2024 18:30	1/10/2024 8:18	828	0
1421188	1/9/2024 18:30	1/10/2024 9:00	869.02	0
1346410	1/9/2024 18:30	1/10/2024 9:00	869.02	0
1350598	1/9/2024 18:30	1/10/2024 8:40	850	0
1351539	1/9/2024 18:30	1/10/2024 9:00	869.02	0
353651	1/9/2024 18:31	1/10/2024 9:00	868.75	0
1509487	1/9/2024 18:31	1/10/2024 9:00	868.18	0
199337	1/9/2024 18:31	1/10/2024 9:00	868.75	0
70277	1/9/2024 18:31	1/10/2024 9:00	868.75	0
509233	1/9/2024 18:31	1/10/2024 9:00	868.9	0
801004	1/9/2024 18:32	1/10/2024 9:00	867.87	0

1431804	1/9/2024 18:32	1/10/2024 9:00	867.18	0
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313269	1/9/2024 18:32	1/10/2024 9:00	867.75	0
314945	1/9/2024 18:32	1/10/2024 9:00	867.75	0
1346455	1/9/2024 18:32	1/10/2024 9:00	867.02	0
8621797	1/9/2024 18:32	1/10/2024 9:00	867.75	0
808829	1/9/2024 18:32	1/10/2024 9:00	867.87	0
1430838	1/9/2024 18:33	1/10/2024 9:00	866.18	0
350406	1/9/2024 18:33	1/10/2024 9:00	866.75	0
1390184	1/9/2024 18:34	1/10/2024 9:00	865.02	0
1406535	1/9/2024 18:34	1/10/2024 9:00	865.02	0
1351588	1/9/2024 18:34	1/10/2024 8:40	846	0
8590289	1/9/2024 18:34	1/10/2024 9:00	865.9	0
1346665	1/9/2024 18:34	1/10/2024 9:00	865.02	0
1077082	1/9/2024 18:34	1/10/2024 9:00	865.9	0
1556243	1/9/2024 18:34	1/10/2024 9:00	865.18	0
1251782	1/9/2024 18:34	1/10/2024 9:00	865.87	0
8495802	1/9/2024 18:35	1/10/2024 9:00	864.18	0
325050	1/9/2024 18:35	1/10/2024 9:00	864.75	0
773113	1/9/2024 18:35	1/10/2024 9:00	864.9	0
1512146	1/9/2024 18:35	1/10/2024 9:00	864.18	0
1453263	1/9/2024 18:36	1/10/2024 9:00	863.18	0
1671958	1/9/2024 18:36	1/10/2024 9:00	863.9	0
197356	1/9/2024 18:37	1/10/2024 9:00	862.75	0
1670039	1/9/2024 18:37	1/10/2024 9:00	862.9	0
611116	1/9/2024 18:37	1/10/2024 9:00	862.9	0
859747	1/9/2024 18:38	1/10/2024 9:00	861.87	0
457978	1/9/2024 18:38	1/10/2024 9:00	861.9	0
1346671	1/9/2024 18:38	1/10/2024 9:00	861.02	0
1348976	1/9/2024 18:38	1/10/2024 9:00	861.02	0
1550318	1/9/2024 18:38	1/10/2024 9:00	861.18	0
1348780	1/9/2024 18:38	1/10/2024 9:00	861.02	0
323747	1/9/2024 18:38	1/10/2024 9:00	861.75	0
1462990	1/9/2024 18:39	1/10/2024 9:00	860.18	0
509102	1/9/2024 18:39	1/10/2024 9:00	860.9	0
498597	1/9/2024 18:39	1/10/2024 9:00	860.9	0
624716	1/9/2024 18:39	1/10/2024 9:00	860.9	0
1556434	1/9/2024 18:39	1/10/2024 9:00	860.18	0
455994	1/9/2024 18:39	1/10/2024 9:00	860.9	0
1464949	1/9/2024 18:39	1/10/2024 9:00	860.18	0
380057	1/9/2024 18:39	1/10/2024 9:00	860.9	0
549370	1/9/2024 18:39	1/10/2024 9:00	860.9	0
7518767	1/9/2024 18:40	1/10/2024 9:00	859.75	0
601397	1/9/2024 18:40	1/10/2024 9:00	859.9	0
1609222	1/9/2024 18:40	1/10/2024 9:00	859.18	0
323657	1/9/2024 18:40	1/10/2024 9:00	859.75	0
381982	1/9/2024 18:40	1/10/2024 9:00	859.9	0

1349083	1/9/2024 18:40	1/10/2024 9:00	859.02	0
304845	1/9/2024 18:41	1/10/2024 9:00	858.75	0
7879030	1/9/2024 18:41	1/10/2024 9:00	858.9	0
8495805	1/9/2024 18:41	1/10/2024 9:00	858.9	0
457729	1/9/2024 18:41	1/10/2024 9:00	858.9	0
1310926	1/9/2024 18:42	1/10/2024 9:00	857.02	0
1416360	1/9/2024 18:42	1/10/2024 9:00	857.02	0
5212517	1/9/2024 18:43	1/10/2024 9:00	856.75	0
353082	1/9/2024 18:43	1/10/2024 9:00	856.75	0
8605921	1/9/2024 18:43	1/10/2024 9:00	856.75	0
642003	1/9/2024 18:43	1/10/2024 9:00	856.9	0
455345	1/9/2024 18:44	1/10/2024 9:00	855.9	0
317768	1/9/2024 18:44	1/10/2024 9:00	855.75	0
1494722	1/9/2024 18:44	1/10/2024 9:00	855.02	0
324045	1/9/2024 18:45	1/10/2024 9:00	854.75	0
125572	1/9/2024 18:45	1/10/2024 9:00	854.75	0
349467	1/9/2024 18:47	1/10/2024 9:00	852.75	0
316997	1/9/2024 18:48	1/10/2024 9:00	851.75	0
353371	1/9/2024 18:51	1/10/2024 9:00	848.75	0
51957	1/9/2024 18:56	1/10/2024 9:00	843.75	0
304209	1/9/2024 18:57	1/10/2024 9:00	842.75	0
449377	1/9/2024 18:59	1/9/2024 19:35	36	0
449377	1/9/2024 19:35	1/9/2024 20:02	27	0
353728	1/9/2024 19:55	1/10/2024 9:00	784.75	0
195216	1/9/2024 19:57	1/10/2024 9:00	782.75	0
449377	1/9/2024 20:02	1/9/2024 20:38	36	0
553863	1/9/2024 20:11	1/10/2024 9:00	768.9	0
13912	1/9/2024 20:17	1/10/2024 9:00	762.75	0
1493132	1/9/2024 20:18	1/10/2024 8:02	704	0
449377	1/9/2024 20:38	1/9/2024 20:59	21	0
523489	1/9/2024 20:48	1/10/2024 9:00	731.75	0
318402	1/9/2024 20:50	1/10/2024 9:00	729.75	0
449377	1/9/2024 20:59	1/9/2024 21:41	42	0
8104722	1/9/2024 21:00	1/10/2024 9:00	719.75	0
7937779	1/9/2024 21:26	1/10/2024 9:00	693.02	0
1584264	1/9/2024 21:37	1/10/2024 9:00	682.18	0
449377	1/9/2024 21:41	1/9/2024 22:45	64	0
449377	1/9/2024 22:45	1/9/2024 23:27	42	0
319726	1/9/2024 23:06	1/10/2024 9:00	593.75	0
317233	1/9/2024 23:06	1/10/2024 9:00	593.75	0
317195	1/9/2024 23:16	1/10/2024 9:00	583.75	0
449377	1/9/2024 23:27	1/9/2024 23:44	17	0
449377	1/9/2024 23:44	1/10/2024 1:17	93	0
553755	1/10/2024 0:08	1/10/2024 9:00	531.9	0
280173	1/10/2024 1:00	1/10/2024 9:00	479.75	0
281456	1/10/2024 1:10	1/10/2024 9:00	469.75	0
280887	1/10/2024 1:10	1/10/2024 9:00	469.75	0

281237	1/10/2024 1:10	1/10/2024 9:00	469.75	0
280935	1/10/2024 1:12	1/10/2024 9:00	467.75	0
279780	1/10/2024 1:12	1/10/2024 9:00	467.75	0
510974	1/10/2024 1:13	1/10/2024 9:00	466.9	0
280364	1/10/2024 1:13	1/10/2024 9:00	466.75	0
280878	1/10/2024 1:14	1/10/2024 9:00	465.75	0
510522	1/10/2024 1:15	1/10/2024 9:00	464.9	0
573050	1/10/2024 1:16	1/10/2024 9:00	463.9	0
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281332	1/10/2024 1:25	1/10/2024 9:00	454.75	0
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449377	1/10/2024 2:41	1/10/2024 2:56	15	0
449377	1/10/2024 2:56	1/10/2024 3:12	16	0
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314188	1/10/2024 4:07	1/10/2024 8:19	252	0
979888	1/10/2024 4:15	1/10/2024 9:00	284.43	0
1445317	1/10/2024 4:15	1/10/2024 9:00	284.18	0
449377	1/10/2024 4:21	1/10/2024 5:02	41	0
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449377	1/10/2024 5:55	1/10/2024 6:37	42	0
449377	1/10/2024 6:37	1/10/2024 7:03	26	0
449377	1/10/2024 7:03	1/10/2024 7:19	16	0
449377	1/10/2024 7:19	1/10/2024 8:01	42	0
1444809	1/10/2024 7:57	1/10/2024 9:00	62.18	0
1375227	1/10/2024 7:58	1/10/2024 9:00	61.02	0
449377	1/10/2024 8:01	1/10/2024 8:53	52	0
1493132	1/10/2024 8:02	1/10/2024 9:00	57.02	0
1349502	1/10/2024 8:12	1/10/2024 9:00	47.02	0
7178975	1/10/2024 8:18	1/10/2024 9:00	41.75	0
315730	1/10/2024 8:18	1/10/2024 9:00	41.75	0
1376158	1/10/2024 8:18	1/10/2024 9:00	41.02	0
1093722	1/10/2024 8:19	1/10/2024 9:00	40.9	0
314188	1/10/2024 8:19	1/10/2024 9:00	40.75	0
315169	1/10/2024 8:21	1/10/2024 9:00	38.75	0
65245	1/10/2024 8:21	1/10/2024 9:00	38.75	0
930781	1/10/2024 8:22	1/10/2024 8:54	32	0
1093889	1/10/2024 8:23	1/10/2024 9:00	36.9	0
25674	1/10/2024 8:27	1/10/2024 9:00	32.75	0
188639	1/10/2024 8:27	1/10/2024 9:00	32.75	0
24124	1/10/2024 8:27	1/10/2024 9:00	32.75	0
593798	1/10/2024 8:30	1/10/2024 8:45	15	0
7902724	1/10/2024 8:34	1/10/2024 8:49	15	0
593397	1/10/2024 8:34	1/10/2024 9:00	25.9	0
593366	1/10/2024 8:35	1/10/2024 8:51	16	0
1350598	1/10/2024 8:40	1/10/2024 9:00	19.02	0
1351588	1/10/2024 8:40	1/10/2024 9:00	19.02	0
593798	1/10/2024 8:45	1/10/2024 9:00	14.9	0

7902724	1/10/2024 8:49	1/10/2024 9:00	10.75	0
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593366	1/10/2024 8:51	1/10/2024 9:00	8.9	0
1432940	1/10/2024 8:53	1/10/2024 9:00	6.18	0
449377	1/10/2024 8:53	1/10/2024 9:00	6.9	0
930781	1/10/2024 8:54	1/10/2024 9:00	5.87	0
1433348	1/10/2024 8:55	1/10/2024 9:00	4.18	0
1433697	1/10/2024 8:57	1/10/2024 9:00	2.9	0
1557303	1/10/2024 9:00	1/10/2024 11:37	157	0
627289	1/10/2024 9:00	1/10/2024 14:21	321	0
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619266	1/10/2024 9:00	1/11/2024 9:00	1439.9	0
8766703	1/10/2024 9:00	1/11/2024 9:00	1439.43	0
353728	1/10/2024 9:00	1/11/2024 9:00	1439.75	0
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1333801	1/10/2024 9:00	1/10/2024 18:54	594	0
509233	1/10/2024 9:00	1/10/2024 10:55	115	0
1349032	1/10/2024 9:00	1/11/2024 9:00	1439.02	0
7533405	1/10/2024 9:00	1/10/2024 10:16	76	0
8668965	1/10/2024 9:00	1/10/2024 14:06	306	0
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624953	1/10/2024 9:00	1/10/2024 14:21	321	0
319279	1/10/2024 9:00	1/10/2024 10:09	69	0
195216	1/10/2024 9:00	1/10/2024 11:37	157	0
1453263	1/10/2024 9:00	1/10/2024 12:17	197	0
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574993	1/10/2024 9:00	1/10/2024 14:40	340	0
1552990	1/10/2024 9:00	1/11/2024 9:00	1439.18	0
456099	1/10/2024 9:02	1/10/2024 18:45	583	0
971524	1/10/2024 9:07	1/10/2024 14:22	315	0
1432940	1/10/2024 9:07	1/10/2024 14:22	315	0
505208	1/10/2024 9:07	1/10/2024 14:11	304	0.04
624628	1/10/2024 9:07	1/10/2024 14:22	315	0
1557188	1/10/2024 9:08	1/10/2024 11:35	147	0
506381	1/10/2024 9:08	1/10/2024 14:08	300	0
627018	1/10/2024 9:09	1/10/2024 14:24	315	0
6761269	1/10/2024 9:09	1/10/2024 18:41	572	0
1554218	1/10/2024 9:09	1/10/2024 14:19	310	0
1433348	1/10/2024 9:10	1/10/2024 14:25	315	0
1466445	1/10/2024 9:10	1/10/2024 14:10	300	0
1465282	1/10/2024 9:11	1/10/2024 14:09	298	0
1375227	1/10/2024 9:12	1/10/2024 10:00	48	0
1465391	1/10/2024 9:12	1/10/2024 18:50	578	0
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349467	1/10/2024 9:17	1/10/2024 14:32	315	0
51957	1/10/2024 9:18	1/10/2024 19:00	582	0
7902724	1/10/2024 9:20	1/10/2024 10:02	42	0
1081237	1/10/2024 9:20	1/10/2024 18:58	578	0
315730	1/10/2024 9:20	1/10/2024 14:20	300	0
7178975	1/10/2024 9:21	1/10/2024 14:23	302	0.05
1093889	1/10/2024 9:21	1/10/2024 18:41	560	0
623612	1/10/2024 9:21	1/10/2024 18:54	573	0
623871	1/10/2024 9:22	1/10/2024 18:44	562	0
1320845	1/10/2024 9:22	1/10/2024 18:36	554	0.04
623069	1/10/2024 9:22	1/10/2024 18:49	567	0
1093722	1/10/2024 9:22	1/10/2024 18:44	562	0
539938	1/10/2024 9:22	1/10/2024 18:49	567	0
626477	1/10/2024 9:23	1/10/2024 14:22	299	0
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1393699	1/10/2024 9:26	1/10/2024 18:32	546	0
1321605	1/10/2024 9:26	1/10/2024 18:22	536	0.06
1494722	1/10/2024 9:26	1/10/2024 18:50	564	0
418291	1/10/2024 9:31	1/10/2024 14:14	283	0
1436742	1/10/2024 9:33	1/10/2024 18:39	546	0
593798	1/10/2024 9:33	1/10/2024 18:44	551	0
1430644	1/10/2024 9:33	1/10/2024 18:50	557	0
1437276	1/10/2024 9:33	1/10/2024 18:43	550	0
1439908	1/10/2024 9:34	1/10/2024 18:45	551	0
1437279	1/10/2024 9:35	1/10/2024 18:52	557	0
800588	1/10/2024 9:37	1/10/2024 11:38	121	0
275018	1/10/2024 9:37	1/10/2024 18:54	557	0
1438807	1/10/2024 9:37	1/10/2024 18:38	541	0
10393495	1/10/2024 9:37	1/10/2024 19:04	567	0.03
315346	1/10/2024 9:38	1/10/2024 18:53	555	0
558031	1/10/2024 9:38	1/10/2024 15:50	372	0
1469270	1/10/2024 9:39	1/10/2024 14:12	273	0
800600	1/10/2024 9:39	1/10/2024 11:40	121	0
561757	1/10/2024 9:39	1/10/2024 15:05	326	0
800590	1/10/2024 9:40	1/10/2024 11:40	120	0
1493766	1/10/2024 9:40	1/10/2024 14:08	268	0
1469956	1/10/2024 9:41	1/10/2024 14:09	268	0
1469850	1/10/2024 9:42	1/10/2024 14:10	268	0
801004	1/10/2024 9:42	1/10/2024 18:52	550	0
1438878	1/10/2024 9:42	1/10/2024 18:38	536	0
304845	1/10/2024 9:44	1/10/2024 11:44	120	0
317233	1/10/2024 9:44	1/10/2024 18:52	548	0
8621797	1/10/2024 9:46	1/10/2024 11:43	117	0
1430553	1/10/2024 9:46	1/10/2024 18:46	540	0
5212517	1/10/2024 9:46	1/10/2024 11:43	117	0
1595351	1/10/2024 9:46	1/10/2024 10:59	73	0
1609222	1/10/2024 9:47	1/10/2024 11:48	121	0

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980398	1/10/2024 9:47	1/10/2024 18:27	520	0
304785	1/10/2024 9:47	1/10/2024 18:58	551	0
9063373	1/10/2024 9:48	1/10/2024 14:52	304	0
1434316	1/10/2024 9:48	1/10/2024 18:38	530	0
981933	1/10/2024 9:49	1/10/2024 18:28	519	0
1672454	1/10/2024 9:50	1/10/2024 10:48	58	0
1394365	1/10/2024 9:50	1/10/2024 14:50	300	0
8511715	1/10/2024 9:51	1/10/2024 11:51	120	0
1430294	1/10/2024 9:51	1/10/2024 18:52	541	0
1434359	1/10/2024 9:51	1/10/2024 18:40	529	0
347031	1/10/2024 9:52	1/10/2024 11:52	120	0
455994	1/10/2024 9:52	1/10/2024 15:33	341	0
311452	1/10/2024 9:52	1/10/2024 11:53	121	0
345491	1/10/2024 9:53	1/10/2024 11:54	121	0
317797	1/10/2024 9:53	1/10/2024 18:51	538	0
345394	1/10/2024 9:53	1/10/2024 11:53	120	0
344641	1/10/2024 9:53	1/10/2024 11:54	121	0
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1320008	1/10/2024 9:54	1/10/2024 18:32	518	0.14
5834752	1/10/2024 9:54	1/10/2024 18:33	519	0
311724	1/10/2024 9:54	1/10/2024 11:54	120	0
574596	1/10/2024 9:55	1/10/2024 18:54	539	0
385332	1/10/2024 9:55	1/10/2024 18:23	508	0
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1385122	1/10/2024 9:56	1/10/2024 14:08	252	0
8387677	1/10/2024 9:57	1/10/2024 14:56	299	0
315345	1/10/2024 9:57	1/10/2024 18:55	538	0
345647	1/10/2024 9:57	1/10/2024 18:58	541	0
1385431	1/10/2024 9:58	1/10/2024 14:12	254	0
346967	1/10/2024 9:59	1/10/2024 18:54	535	0
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346288	1/10/2024 10:00	1/10/2024 18:39	519	0
430114	1/10/2024 10:00	1/10/2024 18:40	520	0
1671958	1/10/2024 10:01	1/10/2024 14:18	257	0
1429127	1/10/2024 10:01	1/10/2024 18:31	510	0
1664433	1/10/2024 10:01	1/10/2024 10:53	52	0
7902724	1/10/2024 10:02	1/10/2024 10:18	16	0
926657	1/10/2024 10:02	1/10/2024 10:34	32	0
49209	1/10/2024 10:02	1/10/2024 18:57	535	0
1412757	1/10/2024 10:04	1/10/2024 11:34	90	0
1346410	1/10/2024 10:04	1/10/2024 18:48	524	0
197690	1/10/2024 10:04	1/10/2024 11:39	95	0
350517	1/10/2024 10:04	1/10/2024 14:32	268	0
47769	1/10/2024 10:04	1/10/2024 18:59	535	0
1350598	1/10/2024 10:04	1/10/2024 10:20	16	0

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197883	1/10/2024 10:05	1/10/2024 11:39	94	0
9313875	1/10/2024 10:05	1/10/2024 10:21	16	0
11081884	1/10/2024 10:06	1/10/2024 10:37	31	0
1702895	1/10/2024 10:06	1/10/2024 18:52	526	0
1459057	1/10/2024 10:06	1/10/2024 14:17	251	0
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605186	1/10/2024 10:07	1/10/2024 18:52	525	0
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1509486	1/10/2024 10:07	1/10/2024 11:09	62	0
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197629	1/10/2024 10:08	1/10/2024 11:38	90	0
601397	1/10/2024 10:09	1/10/2024 19:00	531	0
196408	1/10/2024 10:09	1/10/2024 18:44	515	0
319279	1/10/2024 10:09	1/10/2024 12:35	146	0
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1512146	1/10/2024 10:10	1/10/2024 17:29	439	0
315306	1/10/2024 10:11	1/10/2024 18:46	515	0
347230	1/10/2024 10:11	1/10/2024 16:50	399	0
1452193	1/10/2024 10:11	1/10/2024 11:00	49	0
7879030	1/10/2024 10:11	1/10/2024 18:49	518	0
8148103	1/10/2024 10:12	1/10/2024 18:47	515	0
316997	1/10/2024 10:12	1/10/2024 18:46	514	0
1450250	1/10/2024 10:12	1/10/2024 14:07	235	0
1451744	1/10/2024 10:12	1/10/2024 10:59	47	0
380057	1/10/2024 10:12	1/10/2024 18:54	522	0
6995795	1/10/2024 10:13	1/10/2024 18:53	520	0
417158	1/10/2024 10:13	1/10/2024 14:15	242	0
8206792	1/10/2024 10:14	1/10/2024 14:10	236	0
1251782	1/10/2024 10:14	1/10/2024 18:48	514	0
381982	1/10/2024 10:14	1/10/2024 18:55	521	0
306565	1/10/2024 10:15	1/10/2024 11:45	90	0
8910809	1/10/2024 10:15	1/10/2024 10:31	16	0
590897	1/10/2024 10:15	1/10/2024 14:12	237	0.18
1610090	1/10/2024 10:15	1/10/2024 11:49	94	0
13912	1/10/2024 10:16	1/11/2024 9:00	1363.75	0
7533405	1/10/2024 10:16	1/10/2024 11:44	88	0
7937779	1/10/2024 10:16	1/10/2024 18:40	504	0
307661	1/10/2024 10:17	1/10/2024 18:34	497	0
1349244	1/10/2024 10:18	1/10/2024 18:42	504	0
817260	1/10/2024 10:18	1/10/2024 18:41	503	0
7902724	1/10/2024 10:18	1/10/2024 10:34	16	0
1346665	1/10/2024 10:18	1/10/2024 18:52	514	0
304295	1/10/2024 10:18	1/10/2024 19:01	523	0
1350597	1/10/2024 10:18	1/10/2024 18:42	504	0
418876	1/10/2024 10:18	1/10/2024 14:20	242	0

350406	1/10/2024 10:18	1/10/2024 14:31	253	0
1350975	1/10/2024 10:20	1/10/2024 18:44	504	0
1349542	1/10/2024 10:20	1/10/2024 18:38	498	0
1350598	1/10/2024 10:20	1/10/2024 18:50	510	0
1351539	1/10/2024 10:20	1/10/2024 18:50	510	0
1348773	1/10/2024 10:20	1/10/2024 18:40	500	0
9313875	1/10/2024 10:21	1/10/2024 14:22	241	0
449036	1/10/2024 10:21	1/10/2024 12:42	141	0.13
346135	1/10/2024 10:21	1/10/2024 11:56	95	0
1348780	1/10/2024 10:22	1/10/2024 18:52	510	0
1346455	1/10/2024 10:22	1/10/2024 18:46	504	0
507365	1/10/2024 10:22	1/10/2024 14:08	226	0
274059	1/10/2024 10:22	1/10/2024 18:49	507	0
1349605	1/10/2024 10:22	1/10/2024 18:46	504	0
1348300	1/10/2024 10:22	1/10/2024 18:46	504	0
571799	1/10/2024 10:22	1/10/2024 11:40	78	0
8734349	1/10/2024 10:22	1/10/2024 18:50	508	0
1349338	1/10/2024 10:22	1/10/2024 18:46	504	0
1350499	1/10/2024 10:22	1/10/2024 18:40	498	0
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997397	1/10/2024 10:33	1/10/2024 14:19	226	0
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1672454	1/10/2024 10:48	1/10/2024 18:51	483	0
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1519715	1/10/2024 11:07	1/10/2024 11:56	49	0
1521914	1/10/2024 11:07	1/10/2024 11:39	32	0
325050	1/10/2024 11:07	1/10/2024 14:06	179	0
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8387592	1/10/2024 11:16	1/10/2024 18:47	451	0
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642003	1/10/2024 11:38	1/10/2024 11:54	16	0
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800590	1/10/2024 11:40	1/10/2024 18:43	423	0
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1609484	1/10/2024 11:46	1/10/2024 15:48	242	0
10628562	1/10/2024 11:46	1/10/2024 18:52	426	0
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347031	1/10/2024 11:52	1/10/2024 18:47	415	0
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1680798	1/10/2024 11:53	1/10/2024 13:17	84	0
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1521303	1/10/2024 11:53	1/10/2024 18:45	412	0
345957	1/10/2024 11:53	1/10/2024 18:53	420	0
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344641	1/10/2024 11:54	1/10/2024 18:38	404	0
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1310926	1/10/2024 11:54	1/10/2024 12:02	8	0
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346135	1/10/2024 11:56	1/10/2024 18:51	415	0
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611363	1/10/2024 12:02	1/10/2024 13:26	84	0
311452	1/10/2024 12:03	1/10/2024 18:58	415	0
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328113	1/10/2024 12:05	1/10/2024 18:38	393	0
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319279	1/10/2024 13:28	1/10/2024 22:33	545	0
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808829	1/10/2024 13:29	1/10/2024 18:49	320	0
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195216	1/10/2024 13:43	1/11/2024 9:00	1156.75	0
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1469270	1/10/2024 14:12	1/10/2024 19:01	289	0
1385431	1/10/2024 14:12	1/10/2024 18:50	278	0
318815	1/10/2024 14:13	1/10/2024 18:51	278	0
418291	1/10/2024 14:14	1/10/2024 18:57	283	0
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8486022	1/10/2024 14:39	1/10/2024 16:09	90	0
1385122	1/10/2024 14:40	1/10/2024 18:46	246	0
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349467	1/10/2024 14:48	1/10/2024 18:50	242	0
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1077082	1/10/2024 14:52	1/10/2024 18:48	236	0
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8972545	1/10/2024 14:53	1/10/2024 18:44	231	0
567126	1/10/2024 14:53	1/10/2024 18:49	236	0
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313269	1/10/2024 14:54	1/10/2024 19:00	246	0
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160073	1/10/2024 14:55	1/10/2024 18:20	205	0

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7533405	1/10/2024 15:14	1/10/2024 19:57	283	0
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324290	1/10/2024 15:15	1/10/2024 18:50	215	0
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808384	1/10/2024 15:28	1/10/2024 18:41	193	0
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1671958	1/10/2024 15:32	1/10/2024 18:47	195	0
1466638	1/10/2024 15:32	1/10/2024 18:36	184	0
455994	1/10/2024 15:33	1/10/2024 18:58	205	0
197629	1/10/2024 15:34	1/10/2024 19:09	215	0
197690	1/10/2024 15:35	1/10/2024 18:44	189	0

197883	1/10/2024 15:36	1/10/2024 18:48	192	0
195839	1/10/2024 15:36	1/10/2024 18:44	188	0
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24124	1/10/2024 16:45	1/11/2024 9:00	974.75	0
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1512146	1/10/2024 17:39	1/11/2024 3:11	572	0
564518	1/10/2024 17:46	1/11/2024 9:00	913.9	0
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449377	1/10/2024 18:15	1/10/2024 18:36	21	0
160073	1/10/2024 18:20	1/11/2024 9:00	879.43	0
1321605	1/10/2024 18:22	1/11/2024 9:00	877.02	0
385332	1/10/2024 18:23	1/11/2024 9:00	876.9	0
1407628	1/10/2024 18:26	1/11/2024 9:00	873.02	0
980398	1/10/2024 18:27	1/11/2024 9:00	872.43	0
981933	1/10/2024 18:28	1/11/2024 9:00	871.43	0
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383804	1/10/2024 18:33	1/11/2024 9:00	866.9	0
306565	1/10/2024 18:33	1/11/2024 9:00	866.75	0
9524954	1/10/2024 18:33	1/11/2024 9:00	866.18	0
5834752	1/10/2024 18:33	1/11/2024 9:00	866.75	0
8206792	1/10/2024 18:33	1/11/2024 9:00	866.18	0
1444809	1/10/2024 18:33	1/11/2024 7:56	803	0
307661	1/10/2024 18:34	1/11/2024 9:00	865.75	0
416557	1/10/2024 18:34	1/11/2024 9:00	865.9	0
1378273	1/10/2024 18:34	1/11/2024 9:00	865.02	0
1446401	1/10/2024 18:35	1/11/2024 9:00	864.18	0
571799	1/10/2024 18:35	1/11/2024 9:00	864.9	0
350346	1/10/2024 18:35	1/11/2024 9:00	864.75	0
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1343695	1/10/2024 18:38	1/11/2024 9:00	861.02	0
1434316	1/10/2024 18:38	1/11/2024 9:00	861.18	0
1412757	1/10/2024 18:38	1/11/2024 9:00	861.02	0
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810130	1/10/2024 18:39	1/11/2024 9:00	860.87	0
1436742	1/10/2024 18:39	1/11/2024 9:00	860.18	0
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97730	1/10/2024 18:41	1/11/2024 9:00	858.75	0
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808384	1/10/2024 18:41	1/11/2024 9:00	858.87	0
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8434548	1/10/2024 18:42	1/11/2024 9:00	857.75	0
510307	1/10/2024 18:42	1/11/2024 9:00	857.9	0
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1350597	1/10/2024 18:42	1/11/2024 9:00	857.02	0
314188	1/10/2024 18:42	1/11/2024 8:32	830	0
1493766	1/10/2024 18:42	1/11/2024 9:00	857.02	0
1519179	1/10/2024 18:42	1/11/2024 9:00	857.18	0
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1349244	1/10/2024 18:42	1/11/2024 9:00	857.02	0
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314899	1/10/2024 18:43	1/11/2024 9:00	856.75	0
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350517	1/10/2024 18:44	1/11/2024 9:00	855.75	0
623871	1/10/2024 18:44	1/11/2024 9:00	855.9	0
624628	1/10/2024 18:44	1/11/2024 9:00	855.9	0
1407632	1/10/2024 18:44	1/11/2024 9:00	855.02	0
1350975	1/10/2024 18:44	1/11/2024 9:00	855.02	0
1407947	1/10/2024 18:44	1/11/2024 9:00	855.02	0
1320619	1/10/2024 18:44	1/11/2024 9:00	855.02	0
1378582	1/10/2024 18:44	1/11/2024 9:00	855.02	0

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1348444	1/10/2024 18:44	1/11/2024 9:00	855.02	0
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197690	1/10/2024 18:44	1/11/2024 9:00	855.75	0
8972545	1/10/2024 18:44	1/11/2024 9:00	855.9	0
196408	1/10/2024 18:44	1/11/2024 9:00	855.75	0
281235	1/10/2024 18:45	1/11/2024 9:00	854.75	0
456099	1/10/2024 18:45	1/11/2024 9:00	854.9	0
971524	1/10/2024 18:45	1/11/2024 9:00	854.9	0
7178975	1/10/2024 18:45	1/11/2024 8:34	829	0
506261	1/10/2024 18:45	1/11/2024 9:00	854.9	0
1439908	1/10/2024 18:45	1/11/2024 9:00	854.18	0
1445317	1/10/2024 18:45	1/11/2024 8:10	805	0
1521303	1/10/2024 18:45	1/11/2024 9:00	854.18	0
313881	1/10/2024 18:45	1/11/2024 9:00	854.75	0
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800600	1/10/2024 18:45	1/11/2024 9:00	854.87	0
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188639	1/10/2024 18:46	1/11/2024 9:00	853.75	0
1027973	1/10/2024 18:46	1/11/2024 9:00	853.43	0
1355729	1/10/2024 18:46	1/11/2024 9:00	853.02	0
547577	1/10/2024 18:46	1/11/2024 9:00	853.75	0
1385122	1/10/2024 18:46	1/11/2024 9:00	853.02	0
506381	1/10/2024 18:46	1/11/2024 9:00	853.9	0
316997	1/10/2024 18:46	1/11/2024 9:00	853.75	0
1093833	1/10/2024 18:46	1/11/2024 9:00	853.9	0
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571847	1/10/2024 18:46	1/11/2024 9:00	853.9	0
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314945	1/10/2024 18:46	1/11/2024 8:11	805	0
315306	1/10/2024 18:46	1/11/2024 9:00	853.75	0
1430553	1/10/2024 18:46	1/11/2024 9:00	853.18	0
10736160	1/10/2024 18:46	1/11/2024 9:00	853.02	0
1359800	1/10/2024 18:46	1/11/2024 9:00	853.02	0
1349605	1/10/2024 18:46	1/11/2024 9:00	853.02	0
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8387592	1/10/2024 18:47	1/11/2024 9:00	852.9	0
1671958	1/10/2024 18:47	1/11/2024 9:00	852.9	0
1431804	1/10/2024 18:47	1/11/2024 9:00	852.18	0

318402	1/10/2024 18:47	1/11/2024 9:00	852.75	0
320966	1/10/2024 18:47	1/11/2024 9:00	852.75	0
323747	1/10/2024 18:47	1/11/2024 9:00	852.75	0
509233	1/10/2024 18:47	1/11/2024 9:00	852.9	0
8148103	1/10/2024 18:47	1/11/2024 9:00	852.75	0
1456419	1/10/2024 18:47	1/11/2024 9:00	852.18	0
197561	1/10/2024 18:47	1/11/2024 9:00	852.75	0
347031	1/10/2024 18:47	1/11/2024 9:00	852.75	0
1346410	1/10/2024 18:48	1/11/2024 9:00	851.02	0
627289	1/10/2024 18:48	1/11/2024 9:00	851.9	0
926657	1/10/2024 18:48	1/11/2024 9:00	851.87	0
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511266	1/10/2024 18:48	1/11/2024 9:00	851.9	0
1251782	1/10/2024 18:48	1/11/2024 9:00	851.87	0
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96751	1/10/2024 18:48	1/11/2024 9:00	851.75	0
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345394	1/10/2024 18:48	1/11/2024 9:00	851.75	0
197883	1/10/2024 18:48	1/11/2024 9:00	851.75	0
99953	1/10/2024 18:48	1/11/2024 9:00	851.75	0
523489	1/10/2024 18:48	1/11/2024 9:00	851.75	0
1378128	1/10/2024 18:48	1/11/2024 9:00	851.02	0
323657	1/10/2024 18:49	1/11/2024 9:00	850.75	0
1520371	1/10/2024 18:49	1/11/2024 9:00	850.18	0
345491	1/10/2024 18:49	1/11/2024 9:00	850.75	0
498070	1/10/2024 18:49	1/11/2024 9:00	850.9	0
567126	1/10/2024 18:49	1/11/2024 9:00	850.9	0
274059	1/10/2024 18:49	1/11/2024 9:00	850.75	0
324045	1/10/2024 18:49	1/11/2024 9:00	850.75	0
8524544	1/10/2024 18:49	1/11/2024 9:00	850.75	0
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454901	1/10/2024 18:49	1/11/2024 9:00	850.9	0
317768	1/10/2024 18:49	1/11/2024 9:00	850.75	0
1432940	1/10/2024 18:49	1/11/2024 8:08	799	0
7879030	1/10/2024 18:49	1/11/2024 9:00	850.9	0
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313720	1/10/2024 18:49	1/11/2024 9:00	850.75	0
808829	1/10/2024 18:49	1/11/2024 9:00	850.87	0

623069	1/10/2024 18:49	1/11/2024 9:00	850.9	0
8495802	1/10/2024 18:49	1/11/2024 9:00	850.18	0
1430644	1/10/2024 18:50	1/11/2024 9:00	849.18	0
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1375227	1/10/2024 18:50	1/11/2024 9:00	849.02	0
1363236	1/10/2024 18:50	1/11/2024 9:00	849.02	0
557297	1/10/2024 18:50	1/11/2024 9:00	849.9	0
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317053	1/10/2024 18:50	1/11/2024 9:00	849.75	0
817825	1/10/2024 18:50	1/11/2024 9:00	849.87	0
1351539	1/10/2024 18:50	1/11/2024 9:00	849.02	0
8734349	1/10/2024 18:50	1/11/2024 9:00	849.02	0
344958	1/10/2024 18:50	1/11/2024 9:00	849.75	0
561757	1/10/2024 18:50	1/11/2024 8:50	840	0
1435531	1/10/2024 18:50	1/11/2024 9:00	849.18	0
349467	1/10/2024 18:50	1/11/2024 9:00	849.75	0
1352482	1/10/2024 18:50	1/11/2024 9:00	849.02	0
1385431	1/10/2024 18:50	1/11/2024 9:00	849.02	0
1350598	1/10/2024 18:50	1/11/2024 9:00	849.02	0
1494722	1/10/2024 18:50	1/11/2024 9:00	849.02	0
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318815	1/10/2024 18:51	1/11/2024 9:00	848.75	0
1509487	1/10/2024 18:51	1/11/2024 9:00	848.18	0
1453263	1/10/2024 18:51	1/11/2024 9:00	848.18	0
1565203	1/10/2024 18:51	1/11/2024 9:00	848.18	0
96506	1/10/2024 18:51	1/11/2024 9:00	848.75	0
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1672454	1/10/2024 18:51	1/11/2024 9:00	848.9	0
507365	1/10/2024 18:51	1/11/2024 9:00	848.9	0
317195	1/10/2024 18:51	1/11/2024 8:06	795	0
317797	1/10/2024 18:51	1/11/2024 9:00	848.75	0
1465703	1/10/2024 18:51	1/11/2024 9:00	848.18	0
1450250	1/10/2024 18:51	1/11/2024 9:00	848.18	0
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1332906	1/10/2024 18:52	1/11/2024 9:00	847.02	0
1430838	1/10/2024 18:52	1/11/2024 9:00	847.18	0
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1430294	1/10/2024 18:52	1/11/2024 9:00	847.18	0
1417279	1/10/2024 18:52	1/11/2024 9:00	847.02	0
1437279	1/10/2024 18:52	1/11/2024 9:00	847.18	0
1416360	1/10/2024 18:52	1/11/2024 9:00	847.02	0
1353525	1/10/2024 18:52	1/11/2024 9:00	847.02	0
1346671	1/10/2024 18:52	1/11/2024 9:00	847.02	0
605186	1/10/2024 18:52	1/11/2024 9:00	847.9	0

346185	1/10/2024 18:52	1/11/2024 9:00	847.75	0
1493132	1/10/2024 18:52	1/11/2024 9:00	847.02	0
10628562	1/10/2024 18:52	1/11/2024 8:46	834	0
645339	1/10/2024 18:52	1/11/2024 9:00	847.9	0
317233	1/10/2024 18:52	1/11/2024 9:00	847.75	0
1595351	1/10/2024 18:52	1/11/2024 8:15	803	0
8590289	1/10/2024 18:52	1/11/2024 9:00	847.9	0
1421188	1/10/2024 18:52	1/11/2024 9:00	847.02	0
1346665	1/10/2024 18:52	1/11/2024 9:00	847.02	0
1702895	1/10/2024 18:52	1/11/2024 9:00	847.02	0
1359694	1/10/2024 18:52	1/11/2024 9:00	847.02	0
1348780	1/10/2024 18:52	1/11/2024 9:00	847.02	0
1433348	1/10/2024 18:53	1/11/2024 8:06	793	0
315346	1/10/2024 18:53	1/11/2024 9:00	846.75	0
1465282	1/10/2024 18:53	1/11/2024 8:40	827	0
6995795	1/10/2024 18:53	1/11/2024 9:00	846.9	0
446329	1/10/2024 18:53	1/11/2024 9:00	846.9	0
1462990	1/10/2024 18:53	1/11/2024 9:00	846.18	0
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275018	1/10/2024 18:54	1/11/2024 9:00	845.75	0
574596	1/10/2024 18:54	1/11/2024 9:00	845.9	0
1333801	1/10/2024 18:54	1/11/2024 9:00	845.02	0
623612	1/10/2024 18:54	1/11/2024 9:00	845.9	0
982261	1/10/2024 18:54	1/11/2024 9:00	845.43	0
311724	1/10/2024 18:54	1/11/2024 9:00	845.75	0
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558031	1/10/2024 18:54	1/11/2024 8:53	839	0
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346967	1/10/2024 18:54	1/11/2024 9:00	845.75	0
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552210	1/10/2024 18:54	1/11/2024 9:00	845.9	0
1406664	1/10/2024 18:54	1/11/2024 9:00	845.02	0
380057	1/10/2024 18:54	1/11/2024 9:00	845.9	0
342796	1/10/2024 18:55	1/11/2024 9:00	844.75	0
315169	1/10/2024 18:55	1/11/2024 8:34	819	0
315345	1/10/2024 18:55	1/11/2024 9:00	844.75	0
309944	1/10/2024 18:55	1/11/2024 9:00	844.75	0
381982	1/10/2024 18:55	1/11/2024 9:00	844.9	0
455629	1/10/2024 18:55	1/11/2024 9:00	844.9	0
10659831	1/10/2024 18:56	1/11/2024 9:00	843.18	0

1376158	1/10/2024 18:56	1/11/2024 7:56	780	0
624716	1/10/2024 18:56	1/11/2024 9:00	843.9	0
11009258	1/10/2024 18:56	1/11/2024 9:00	843.75	0
997397	1/10/2024 18:57	1/11/2024 9:00	842.43	0
449377	1/10/2024 18:57	1/10/2024 19:29	32	0
418291	1/10/2024 18:57	1/11/2024 9:00	842.9	0
318848	1/10/2024 18:57	1/11/2024 9:00	842.75	0
5212517	1/10/2024 18:57	1/11/2024 9:00	842.75	0
454861	1/10/2024 18:57	1/11/2024 9:00	842.9	0
49209	1/10/2024 18:57	1/11/2024 9:00	842.75	0
196965	1/10/2024 18:58	1/11/2024 9:00	841.75	0
304785	1/10/2024 18:58	1/11/2024 9:00	841.75	0
457978	1/10/2024 18:58	1/11/2024 9:00	841.9	0
7518767	1/10/2024 18:58	1/11/2024 9:00	841.75	0
350406	1/10/2024 18:58	1/11/2024 9:00	841.75	0
1417138	1/10/2024 18:58	1/11/2024 9:00	841.02	0
455994	1/10/2024 18:58	1/11/2024 9:00	841.9	0
1680798	1/10/2024 18:58	1/11/2024 9:00	841.75	0
549370	1/10/2024 18:58	1/11/2024 9:00	841.9	0
311452	1/10/2024 18:58	1/11/2024 9:00	841.75	0
345647	1/10/2024 18:58	1/11/2024 9:00	841.75	0
1081237	1/10/2024 18:58	1/11/2024 9:00	841.9	0
8605921	1/10/2024 18:58	1/11/2024 9:00	841.75	0
378229	1/10/2024 18:58	1/11/2024 9:00	841.9	0
9063373	1/10/2024 18:58	1/11/2024 9:00	841.02	0
642003	1/10/2024 18:59	1/11/2024 9:00	840.9	0
125572	1/10/2024 18:59	1/11/2024 9:00	840.75	0
1521914	1/10/2024 18:59	1/11/2024 9:00	840.18	0
455345	1/10/2024 18:59	1/11/2024 9:00	840.9	0
47769	1/10/2024 18:59	1/11/2024 9:00	840.75	0
317100	1/10/2024 19:00	1/11/2024 9:00	839.75	0
51957	1/10/2024 19:00	1/11/2024 9:00	839.75	0
457729	1/10/2024 19:00	1/11/2024 9:00	839.9	0
601397	1/10/2024 19:00	1/11/2024 9:00	839.9	0
313269	1/10/2024 19:00	1/11/2024 9:00	839.75	0
1469270	1/10/2024 19:01	1/11/2024 9:00	838.18	0
304295	1/10/2024 19:01	1/11/2024 9:00	838.75	0
1394365	1/10/2024 19:02	1/11/2024 9:00	837.02	0
274125	1/10/2024 19:02	1/11/2024 9:00	837.75	0
101426	1/10/2024 19:03	1/11/2024 9:00	836.75	0
8068454	1/10/2024 19:03	1/11/2024 9:00	836.9	0
8621797	1/10/2024 19:04	1/11/2024 9:00	835.75	0
557582	1/10/2024 19:04	1/11/2024 9:00	835.9	0
10393495	1/10/2024 19:04	1/11/2024 9:00	835.75	0
308802	1/10/2024 19:05	1/11/2024 9:00	834.75	0
304845	1/10/2024 19:05	1/11/2024 9:00	834.75	0
11081884	1/10/2024 19:06	1/11/2024 9:00	833.75	0

197356	1/10/2024 19:07	1/11/2024 9:00	832.75	0
317084	1/10/2024 19:07	1/11/2024 9:00	832.75	0
7902724	1/10/2024 19:08	1/11/2024 8:36	808	0
197629	1/10/2024 19:09	1/11/2024 9:00	830.75	0
308032	1/10/2024 19:11	1/11/2024 9:00	828.75	0
590897	1/10/2024 19:13	1/11/2024 9:00	826.9	0
449377	1/10/2024 19:29	1/10/2024 20:00	31	0
1683861	1/10/2024 19:31	1/11/2024 9:00	808.75	0
1320646	1/10/2024 19:46	1/11/2024 9:00	793.02	0
7533405	1/10/2024 19:57	1/11/2024 9:00	782.75	0
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1452193	1/10/2024 20:02	1/11/2024 9:00	777.18	0
1451744	1/10/2024 20:03	1/11/2024 9:00	776.18	0
1394324	1/10/2024 20:36	1/11/2024 9:00	743.02	0
449377	1/10/2024 20:48	1/10/2024 21:40	52	0
449377	1/10/2024 21:40	1/10/2024 21:51	11	0
449377	1/10/2024 21:51	1/10/2024 22:12	21	0
449377	1/10/2024 22:12	1/10/2024 22:22	10	0
449377	1/10/2024 22:22	1/10/2024 22:48	26	0
319279	1/10/2024 22:33	1/11/2024 9:00	626.75	0
449377	1/10/2024 22:48	1/10/2024 22:59	11	0
449377	1/10/2024 22:59	1/10/2024 23:38	39	0
449377	1/10/2024 23:38	1/11/2024 0:18	40	0
449377	1/11/2024 0:18	1/11/2024 1:05	47	0
8486022	1/11/2024 0:43	1/11/2024 9:00	496.18	0
639074	1/11/2024 1:02	1/11/2024 9:00	477.9	0
638816	1/11/2024 1:02	1/11/2024 9:00	477.9	0
639221	1/11/2024 1:02	1/11/2024 9:00	477.9	0
449377	1/11/2024 1:05	1/11/2024 3:00	115	0
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1512146	1/11/2024 3:11	1/11/2024 9:00	348.18	0
449377	1/11/2024 4:09	1/11/2024 5:33	84	0
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449377	1/11/2024 6:04	1/11/2024 6:46	42	0
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449377	1/11/2024 7:23	1/11/2024 8:36	73	0
1444809	1/11/2024 7:56	1/11/2024 9:00	63.18	0
1376158	1/11/2024 7:56	1/11/2024 9:00	63.02	0
1320008	1/11/2024 8:06	1/11/2024 9:00	53.02	0
317195	1/11/2024 8:06	1/11/2024 9:00	53.75	0
1433348	1/11/2024 8:06	1/11/2024 9:00	53.18	0
1433697	1/11/2024 8:08	1/11/2024 9:00	51.9	0
1432940	1/11/2024 8:08	1/11/2024 9:00	51.18	0
1445317	1/11/2024 8:10	1/11/2024 9:00	49.18	0
314945	1/11/2024 8:11	1/11/2024 9:00	48.75	0
1609484	1/11/2024 8:15	1/11/2024 9:00	44.18	0
1595351	1/11/2024 8:15	1/11/2024 9:00	44.18	0

1609222	1/11/2024 8:17	1/11/2024 9:00	42.18	0
1609551	1/11/2024 8:30	1/11/2024 8:51	21	0
314188	1/11/2024 8:32	1/11/2024 9:00	27.75	0
315730	1/11/2024 8:32	1/11/2024 9:00	27.75	0
1093722	1/11/2024 8:33	1/11/2024 9:00	26.9	0
315169	1/11/2024 8:34	1/11/2024 9:00	25.75	0
7178975	1/11/2024 8:34	1/11/2024 9:00	25.75	0
1093889	1/11/2024 8:36	1/11/2024 9:00	23.9	0
7902724	1/11/2024 8:36	1/11/2024 9:00	23.75	0
449377	1/11/2024 8:36	1/11/2024 8:52	16	0
1351588	1/11/2024 8:38	1/11/2024 9:00	21.02	0
1466445	1/11/2024 8:40	1/11/2024 9:00	19.18	0
1465391	1/11/2024 8:40	1/11/2024 9:00	19.18	0
1465282	1/11/2024 8:40	1/11/2024 9:00	19.18	0
10628562	1/11/2024 8:46	1/11/2024 9:00	13.18	0
1609415	1/11/2024 8:46	1/11/2024 9:00	13.18	0
561757	1/11/2024 8:50	1/11/2024 9:00	9.9	0
1609551	1/11/2024 8:51	1/11/2024 9:00	8.18	0
449377	1/11/2024 8:52	1/11/2024 9:00	7.9	0
8387677	1/11/2024 8:52	1/11/2024 9:00	7.75	0
558031	1/11/2024 8:53	1/11/2024 9:00	6.9	0
8604423	1/11/2024 8:54	1/11/2024 9:00	5.9	0
415131	1/11/2024 8:56	1/11/2024 9:00	3.9	0
1434359	1/11/2024 9:00	1/11/2024 10:10	70	0
195216	1/11/2024 9:00	1/12/2024 9:00	1439.75	0
8668965	1/11/2024 9:00	1/11/2024 10:54	114	0
1552447	1/11/2024 9:00	1/12/2024 9:00	1439.18	0
51957	1/11/2024 9:00	1/11/2024 11:33	153	0
10628562	1/11/2024 9:00	1/11/2024 18:52	592	0
1513541	1/11/2024 9:00	1/12/2024 9:00	1439.18	0
1436742	1/11/2024 9:00	1/11/2024 18:46	586	0
1349032	1/11/2024 9:00	1/12/2024 9:00	1439.02	0
319279	1/11/2024 9:00	1/12/2024 9:00	1439.75	0
1552990	1/11/2024 9:00	1/12/2024 9:00	1439.18	0
8766703	1/11/2024 9:00	1/12/2024 9:00	1439.43	0
353728	1/11/2024 9:00	1/11/2024 11:26	146	0
324290	1/11/2024 9:00	1/11/2024 19:01	601	0
1516786	1/11/2024 9:00	1/12/2024 9:00	1439.18	0
619266	1/11/2024 9:00	1/11/2024 10:39	99	0
346135	1/11/2024 9:02	1/12/2024 9:00	1437.75	0
1320845	1/11/2024 9:06	1/11/2024 10:56	110	0
1453263	1/11/2024 9:06	1/11/2024 10:41	95	0
1609415	1/11/2024 9:06	1/11/2024 18:51	585	0
1394324	1/11/2024 9:06	1/11/2024 10:20	74	0
6761269	1/11/2024 9:07	1/11/2024 10:10	63	0
509233	1/11/2024 9:07	1/11/2024 19:13	606	0
10222019	1/11/2024 9:08	1/12/2024 9:00	1431.02	0

1333801	1/11/2024 9:08	1/11/2024 18:56	588	0
574993	1/11/2024 9:08	1/11/2024 10:06	58	0
8387677	1/11/2024 9:08	1/11/2024 19:10	602	0
1444809	1/11/2024 9:09	1/11/2024 11:42	153	0
1445317	1/11/2024 9:10	1/11/2024 11:41	151	0
1320008	1/11/2024 9:10	1/11/2024 10:24	74	0
1595351	1/11/2024 9:13	1/11/2024 18:54	581	0
979888	1/11/2024 9:13	1/11/2024 12:02	169	0
982261	1/11/2024 9:14	1/11/2024 12:07	173	0
350517	1/11/2024 9:14	1/11/2024 14:45	331	0
980398	1/11/2024 9:14	1/11/2024 11:31	137	0
1609222	1/11/2024 9:15	1/11/2024 18:52	577	0
349467	1/11/2024 9:15	1/11/2024 19:06	591	0
350346	1/11/2024 9:15	1/11/2024 19:01	586	0.05
1610090	1/11/2024 9:17	1/11/2024 18:36	559	0
593366	1/11/2024 9:17	1/11/2024 19:07	590	0
1609484	1/11/2024 9:18	1/11/2024 18:41	563	0
593798	1/11/2024 9:19	1/11/2024 19:03	584	0
539938	1/11/2024 9:20	1/11/2024 19:05	585	0
1438807	1/11/2024 9:20	1/11/2024 18:45	565	0
1093722	1/11/2024 9:21	1/11/2024 14:22	301	0
1439908	1/11/2024 9:22	1/11/2024 18:56	574	0
1093889	1/11/2024 9:23	1/11/2024 19:05	582	0.07
1523524	1/11/2024 9:23	1/11/2024 12:32	189	0.14
2032900	1/11/2024 9:24	1/11/2024 18:54	570	0
1437279	1/11/2024 9:24	1/11/2024 18:55	571	0
1321605	1/11/2024 9:24	1/11/2024 18:44	560	0
1438878	1/11/2024 9:25	1/11/2024 18:47	562	0
1437276	1/11/2024 9:25	1/11/2024 18:52	567	0
1393699	1/11/2024 9:26	1/11/2024 19:00	574	0.05
24124	1/11/2024 9:26	1/11/2024 11:58	152	0
304845	1/11/2024 9:27	1/11/2024 19:17	590	0
304295	1/11/2024 9:28	1/11/2024 19:13	585	0
25674	1/11/2024 9:28	1/11/2024 10:45	77	0
188639	1/11/2024 9:29	1/11/2024 19:14	585	1.12
1494722	1/11/2024 9:30	1/11/2024 19:12	582	0.44
304785	1/11/2024 9:30	1/11/2024 19:15	585	0
8950281	1/11/2024 9:34	1/11/2024 19:15	581	0
51483	1/11/2024 9:34	1/11/2024 11:35	121	0
1465391	1/11/2024 9:37	1/11/2024 14:11	274	0
315345	1/11/2024 9:37	1/11/2024 19:08	571	0
1469270	1/11/2024 9:38	1/11/2024 14:11	273	0
1348976	1/11/2024 9:38	1/11/2024 19:14	576	0
1349083	1/11/2024 9:38	1/11/2024 19:12	574	0
1466445	1/11/2024 9:38	1/11/2024 14:11	273	0
315346	1/11/2024 9:40	1/11/2024 19:08	568	0
317797	1/11/2024 9:40	1/11/2024 19:08	568	0

1469850	1/11/2024 9:40	1/11/2024 14:10	270	0
1349766	1/11/2024 9:40	1/11/2024 18:58	558	0.23
1417138	1/11/2024 9:40	1/11/2024 18:54	554	0
1469956	1/11/2024 9:40	1/11/2024 14:08	268	0
29635	1/11/2024 9:40	1/11/2024 10:43	63	0
1351069	1/11/2024 9:40	1/11/2024 19:08	568	0
317233	1/11/2024 9:40	1/11/2024 19:03	563	0.47
1320619	1/11/2024 9:44	1/11/2024 10:58	74	0
314188	1/11/2024 9:46	1/11/2024 10:01	15	0
11081884	1/11/2024 9:48	1/11/2024 10:23	35	0
981933	1/11/2024 9:48	1/11/2024 18:53	545	0
281235	1/11/2024 9:49	1/11/2024 19:15	566	0
627018	1/11/2024 9:50	1/11/2024 10:21	31	0
1465282	1/11/2024 9:50	1/11/2024 18:54	544	0
1433348	1/11/2024 9:50	1/11/2024 18:50	540	0
627289	1/11/2024 9:51	1/11/2024 10:23	32	0
315169	1/11/2024 9:51	1/12/2024 9:00	1388.75	0
510974	1/11/2024 9:51	1/11/2024 19:06	555	0
558031	1/11/2024 9:51	1/11/2024 10:54	63	0
511223	1/11/2024 9:51	1/11/2024 11:25	94	0
315730	1/11/2024 9:51	1/11/2024 10:06	15	0
1343695	1/11/2024 9:52	1/12/2024 9:00	1387.02	0
624953	1/11/2024 9:52	1/11/2024 10:23	31	0
275018	1/11/2024 9:52	1/11/2024 19:07	555	0
1320646	1/11/2024 9:52	1/12/2024 9:00	1387.02	0
510522	1/11/2024 9:54	1/11/2024 11:25	91	0
509102	1/11/2024 9:54	1/11/2024 11:23	89	0
1265778	1/11/2024 9:54	1/11/2024 18:48	534	0
624628	1/11/2024 9:54	1/11/2024 19:07	553	0
1685329	1/11/2024 9:54	1/11/2024 18:54	540	0
1430553	1/11/2024 10:00	1/11/2024 18:43	523	0
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49209	1/11/2024 10:00	1/11/2024 19:13	553	0
314188	1/11/2024 10:01	1/11/2024 19:00	539	0
1430838	1/11/2024 10:01	1/11/2024 18:44	523	0
47769	1/11/2024 10:02	1/11/2024 19:10	548	0
1415828	1/11/2024 10:02	1/11/2024 10:48	46	0
195666	1/11/2024 10:04	1/11/2024 10:20	16	0
1430644	1/11/2024 10:04	1/11/2024 18:45	521	0
624716	1/11/2024 10:05	1/11/2024 10:20	15	0
1683861	1/11/2024 10:05	1/11/2024 10:23	18	0
7178975	1/11/2024 10:05	1/11/2024 19:11	546	0
500173	1/11/2024 10:05	1/11/2024 11:35	90	0
197883	1/11/2024 10:05	1/11/2024 19:09	544	0
1416360	1/11/2024 10:06	1/12/2024 9:00	1373.02	0
197629	1/11/2024 10:06	1/11/2024 19:15	549	0
626477	1/11/2024 10:06	1/11/2024 10:21	15	0

1309098	1/11/2024 10:06	1/11/2024 18:52	526	0.53
1434316	1/11/2024 10:06	1/11/2024 18:49	523	0
574993	1/11/2024 10:06	1/11/2024 10:11	5	0
196408	1/11/2024 10:06	1/11/2024 19:05	539	0
315730	1/11/2024 10:06	1/11/2024 19:09	543	0
1388092	1/11/2024 10:06	1/11/2024 11:44	98	0
1664433	1/11/2024 10:07	1/11/2024 10:22	15	0
314899	1/11/2024 10:07	1/11/2024 19:11	544	0
1081237	1/11/2024 10:07	1/11/2024 19:15	548	0
605186	1/11/2024 10:07	1/11/2024 11:37	90	0
193420	1/11/2024 10:07	1/12/2024 9:00	1372.75	0
553863	1/11/2024 10:07	1/11/2024 11:42	95	0
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8104722	1/11/2024 10:07	1/11/2024 19:11	544	0
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317084	1/11/2024 10:10	1/11/2024 19:14	544	0
316997	1/11/2024 10:10	1/11/2024 19:15	545	0
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1310926	1/11/2024 10:10	1/11/2024 19:02	532	0
373050	1/11/2024 10:10	1/11/2024 10:57	47	0
346967	1/11/2024 10:10	1/11/2024 19:12	542	0.98
6761269	1/11/2024 10:10	1/11/2024 19:09	539	0
574596	1/11/2024 10:10	1/11/2024 19:08	538	0
315306	1/11/2024 10:10	1/11/2024 19:14	544	0.16
1434359	1/11/2024 10:10	1/11/2024 18:42	512	0
353082	1/11/2024 10:11	1/11/2024 19:09	538	0
8148103	1/11/2024 10:11	1/11/2024 19:12	541	0
375117	1/11/2024 10:11	1/11/2024 10:58	47	0
523489	1/11/2024 10:11	1/11/2024 19:10	539	0.92
574993	1/11/2024 10:11	1/11/2024 10:37	26	0
318402	1/11/2024 10:11	1/11/2024 19:07	536	0
346288	1/11/2024 10:12	1/11/2024 19:06	534	0
373278	1/11/2024 10:12	1/11/2024 10:59	47	0
353371	1/11/2024 10:12	1/11/2024 19:11	539	0
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457978	1/11/2024 10:33	1/11/2024 11:37	64	0
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68620	1/11/2024 10:34	1/11/2024 11:31	57	0
623871	1/11/2024 10:34	1/11/2024 10:50	16	0

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1453263	1/11/2024 10:41	1/11/2024 18:57	496	0
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574993	1/11/2024 10:43	1/11/2024 11:24	41	0
29635	1/11/2024 10:43	1/11/2024 19:00	497	0
378229	1/11/2024 10:43	1/11/2024 19:15	512	0
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23566	1/11/2024 10:45	1/11/2024 11:58	73	0
1573666	1/11/2024 10:45	1/11/2024 18:58	493	0
25674	1/11/2024 10:45	1/11/2024 17:59	434	0
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312706	1/11/2024 10:49	1/12/2024 9:00	1330.75	0
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1434550	1/11/2024 10:52	1/11/2024 11:24	32	0
623069	1/11/2024 10:52	1/11/2024 19:07	495	0
800600	1/11/2024 10:53	1/11/2024 11:40	47	0
449377	1/11/2024 10:53	1/11/2024 11:45	52	0

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800576	1/11/2024 10:53	1/11/2024 18:59	486	0
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801004	1/11/2024 10:53	1/11/2024 11:40	47	0
125572	1/11/2024 10:53	1/11/2024 11:51	58	0.37
1435945	1/11/2024 10:53	1/11/2024 11:24	31	0
8668965	1/11/2024 10:54	1/11/2024 19:01	487	0
21820	1/11/2024 10:54	1/11/2024 19:12	498	0
21306	1/11/2024 10:54	1/11/2024 19:10	496	0
800590	1/11/2024 10:54	1/11/2024 11:36	42	0
1431996	1/11/2024 10:54	1/11/2024 11:26	32	0
800588	1/11/2024 10:54	1/11/2024 11:36	42	0
642003	1/11/2024 10:54	1/11/2024 11:10	16	0
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8734029	1/11/2024 10:54	1/11/2024 11:31	37	0
1417279	1/11/2024 10:54	1/11/2024 18:52	478	0
1432509	1/11/2024 10:54	1/11/2024 11:25	31	0
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26864	1/11/2024 10:55	1/11/2024 19:12	497	0
375655	1/11/2024 10:55	1/11/2024 11:42	47	0
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1320845	1/11/2024 10:56	1/11/2024 18:56	480	0.04
23462	1/11/2024 10:57	1/11/2024 11:55	58	0
373050	1/11/2024 10:57	1/11/2024 11:39	42	0
8495802	1/11/2024 10:58	1/11/2024 18:47	469	0.55
1109994	1/11/2024 10:58	1/11/2024 18:54	476	0
375117	1/11/2024 10:58	1/11/2024 11:40	42	0
1320619	1/11/2024 10:58	1/11/2024 18:56	478	0
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373278	1/11/2024 10:59	1/11/2024 19:13	494	0
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259674	1/11/2024 10:59	1/11/2024 19:06	487	0
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1431804	1/11/2024 11:04	1/11/2024 18:54	470	0
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1270983	1/11/2024 11:08	1/11/2024 11:40	32	0
571799	1/11/2024 11:08	1/11/2024 11:39	31	0

196965	1/11/2024 11:08	1/11/2024 19:09	481	0.07
1332906	1/11/2024 11:08	1/11/2024 18:54	466	0.09
553755	1/11/2024 11:08	1/11/2024 11:39	31	0
323747	1/11/2024 11:09	1/11/2024 19:10	481	1.36
324045	1/11/2024 11:09	1/11/2024 19:11	482	0.05
324249	1/11/2024 11:09	1/11/2024 19:05	476	0
189581	1/11/2024 11:10	1/11/2024 11:57	47	0
323657	1/11/2024 11:10	1/11/2024 19:06	476	0.13
642003	1/11/2024 11:10	1/11/2024 19:17	487	0
1393633	1/11/2024 11:10	1/11/2024 14:40	210	0.01
10659208	1/11/2024 11:11	1/11/2024 19:10	479	0
1027973	1/11/2024 11:13	1/11/2024 18:52	459	0
1597556	1/11/2024 11:13	1/11/2024 18:43	450	0.1
1375227	1/11/2024 11:14	1/11/2024 11:30	16	0
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1599209	1/11/2024 11:15	1/11/2024 18:32	437	0
350753	1/11/2024 11:15	1/11/2024 19:17	482	0
265473	1/11/2024 11:17	1/11/2024 19:09	472	0
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1415828	1/11/2024 11:20	1/11/2024 19:02	462	0
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68308	1/11/2024 11:20	1/11/2024 19:07	467	0
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792446	1/11/2024 11:22	1/11/2024 14:26	184	0
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624716	1/11/2024 11:23	1/11/2024 19:07	464	0
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317126	1/11/2024 11:23	1/11/2024 19:12	469	0
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198082	1/11/2024 11:24	1/11/2024 19:15	471	0
1435945	1/11/2024 11:24	1/11/2024 11:40	16	0
624489	1/11/2024 11:24	1/12/2024 9:00	1295.9	0
1434550	1/11/2024 11:24	1/11/2024 11:40	16	0
313269	1/11/2024 11:25	1/11/2024 19:18	473	0
792391	1/11/2024 11:25	1/11/2024 14:24	179	0
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794132	1/11/2024 11:25	1/11/2024 14:24	179	0

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29848	1/11/2024 11:26	1/11/2024 11:57	31	0
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7937779	1/11/2024 11:28	1/11/2024 12:16	48	0
24369	1/11/2024 11:29	1/12/2024 9:00	1290.75	0
574993	1/11/2024 11:30	1/11/2024 16:23	293	0
9993412	1/11/2024 11:30	1/11/2024 14:18	168	0
413869	1/11/2024 11:30	1/11/2024 12:01	31	0
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1493132	1/11/2024 11:30	1/11/2024 12:12	42	0
980398	1/11/2024 11:31	1/11/2024 12:02	31	0
8734029	1/11/2024 11:31	1/11/2024 11:41	10	0
68620	1/11/2024 11:31	1/11/2024 19:13	462	0.02
926503	1/11/2024 11:32	1/12/2024 9:00	1287.87	0
1595324	1/11/2024 11:33	1/11/2024 18:44	431	0.16
9524954	1/11/2024 11:33	1/11/2024 18:39	426	0
51957	1/11/2024 11:33	1/11/2024 11:48	15	0
456084	1/11/2024 11:34	1/11/2024 19:09	455	0
926638	1/11/2024 11:34	1/12/2024 9:00	1285.87	0
496498	1/11/2024 11:34	1/11/2024 16:09	275	0
51483	1/11/2024 11:35	1/11/2024 19:08	453	0
69207	1/11/2024 11:35	1/11/2024 19:21	466	0
558031	1/11/2024 11:35	1/11/2024 13:09	94	0
500173	1/11/2024 11:35	1/11/2024 19:02	447	0.47
756553	1/11/2024 11:36	1/12/2024 9:00	1283.9	0
800588	1/11/2024 11:36	1/11/2024 11:52	16	0
800590	1/11/2024 11:36	1/11/2024 11:51	15	0
601397	1/11/2024 11:36	1/11/2024 11:50	14	0
498070	1/11/2024 11:36	1/11/2024 19:06	450	0
926657	1/11/2024 11:36	1/11/2024 13:06	90	0
926505	1/11/2024 11:36	1/12/2024 9:00	1283.87	0
454901	1/11/2024 11:37	1/11/2024 12:35	58	0.09
605186	1/11/2024 11:37	1/11/2024 11:52	15	0
456099	1/11/2024 11:37	1/11/2024 19:08	451	0
457978	1/11/2024 11:37	1/11/2024 12:34	57	0
552210	1/11/2024 11:37	1/11/2024 14:09	152	0
455345	1/11/2024 11:37	1/11/2024 12:36	59	0
457729	1/11/2024 11:37	1/11/2024 12:37	60	0
455629	1/11/2024 11:38	1/11/2024 12:36	58	0
571799	1/11/2024 11:39	1/11/2024 11:55	16	0

1433522	1/11/2024 11:39	1/11/2024 12:26	47	0
8068454	1/11/2024 11:39	1/11/2024 19:21	462	0
553755	1/11/2024 11:39	1/11/2024 14:11	152	0
660265	1/11/2024 11:39	1/11/2024 19:04	445	0
373050	1/11/2024 11:39	1/11/2024 12:58	79	0
496500	1/11/2024 11:39	1/11/2024 16:09	270	0
800600	1/11/2024 11:40	1/11/2024 19:03	443	0
1434550	1/11/2024 11:40	1/11/2024 12:22	42	0
375117	1/11/2024 11:40	1/11/2024 12:59	79	0
801004	1/11/2024 11:40	1/11/2024 11:56	16	0
571847	1/11/2024 11:40	1/11/2024 19:08	448	0
8674977	1/11/2024 11:40	1/11/2024 18:52	432	0
1093833	1/11/2024 11:40	1/11/2024 14:39	179	0
1435945	1/11/2024 11:40	1/11/2024 12:22	42	0
1270983	1/11/2024 11:40	1/11/2024 18:42	422	0
1445317	1/11/2024 11:41	1/11/2024 12:55	74	0
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549370	1/11/2024 11:41	1/11/2024 11:57	16	0
8734029	1/11/2024 11:41	1/11/2024 12:23	42	0
375655	1/11/2024 11:42	1/11/2024 12:56	74	0
1406535	1/11/2024 11:42	1/11/2024 11:58	16	0
655563	1/11/2024 11:42	1/12/2024 9:00	1277.87	0
553863	1/11/2024 11:42	1/11/2024 19:05	443	0
1444809	1/11/2024 11:42	1/11/2024 16:03	261	0
561349	1/11/2024 11:42	1/11/2024 19:10	448	0
564518	1/11/2024 11:42	1/11/2024 13:22	100	0
1405290	1/11/2024 11:42	1/11/2024 11:58	16	0.02
567126	1/11/2024 11:42	1/11/2024 14:41	179	0
551972	1/11/2024 11:43	1/11/2024 19:07	444	0
13912	1/11/2024 11:43	1/11/2024 12:14	31	0
561758	1/11/2024 11:43	1/11/2024 11:55	12	0
1388092	1/11/2024 11:44	1/11/2024 19:02	438	0.08
1406664	1/11/2024 11:44	1/11/2024 18:54	430	0
428179	1/11/2024 11:44	1/11/2024 19:04	440	0
449377	1/11/2024 11:45	1/11/2024 13:41	116	0
425936	1/11/2024 11:45	1/11/2024 14:43	178	0
430114	1/11/2024 11:45	1/11/2024 12:01	16	0
587455	1/11/2024 11:45	1/11/2024 16:15	270	0
1594081	1/11/2024 11:45	1/12/2024 9:00	1274.18	0
1594635	1/11/2024 11:45	1/12/2024 9:00	1274.18	0
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450309	1/11/2024 11:47	1/11/2024 12:13	26	0
449036	1/11/2024 11:47	1/11/2024 19:06	439	0.14
321287	1/11/2024 11:47	1/11/2024 12:03	16	0
51957	1/11/2024 11:48	1/11/2024 12:30	42	0
1554218	1/11/2024 11:49	1/11/2024 12:05	16	0

1557303	1/11/2024 11:49	1/11/2024 12:05	16	0
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9313875	1/11/2024 11:49	1/12/2024 9:00	1270.18	0
1557188	1/11/2024 11:49	1/11/2024 12:05	16	0
601397	1/11/2024 11:50	1/11/2024 13:09	79	0
859747	1/11/2024 11:51	1/11/2024 12:34	43	0
800590	1/11/2024 11:51	1/11/2024 19:04	433	0
125572	1/11/2024 11:51	1/11/2024 12:39	48	0.15
605186	1/11/2024 11:52	1/11/2024 13:11	79	0
800588	1/11/2024 11:52	1/11/2024 19:01	429	0
25066	1/11/2024 11:54	1/11/2024 19:12	438	0
35442	1/11/2024 11:55	1/12/2024 9:00	1264.75	0
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561758	1/11/2024 11:55	1/11/2024 19:04	429	0
571799	1/11/2024 11:55	1/11/2024 18:48	413	0
860281	1/11/2024 11:55	1/11/2024 16:38	283	0
34887	1/11/2024 11:55	1/12/2024 9:00	1264.75	0
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28509	1/11/2024 11:56	1/11/2024 19:09	433	0
801004	1/11/2024 11:56	1/11/2024 19:09	433	0
563241	1/11/2024 11:56	1/11/2024 19:06	430	0
656498	1/11/2024 11:56	1/12/2024 9:00	1263.87	0
189581	1/11/2024 11:57	1/11/2024 19:18	441	0
34832	1/11/2024 11:57	1/12/2024 9:00	1262.75	0
29848	1/11/2024 11:57	1/11/2024 19:13	436	0.38
549370	1/11/2024 11:57	1/11/2024 19:18	441	0
1406535	1/11/2024 11:58	1/11/2024 14:30	152	0
24124	1/11/2024 11:58	1/11/2024 19:34	456	0
23566	1/11/2024 11:58	1/11/2024 19:06	428	0
1405290	1/11/2024 11:58	1/11/2024 14:30	152	0.01
27483	1/11/2024 11:59	1/11/2024 19:18	439	0
413869	1/11/2024 12:01	1/11/2024 19:16	435	0
430114	1/11/2024 12:01	1/11/2024 12:17	16	0
1514004	1/11/2024 12:01	1/11/2024 12:33	32	0
416557	1/11/2024 12:02	1/11/2024 19:01	419	0
979888	1/11/2024 12:02	1/11/2024 12:17	15	0
980398	1/11/2024 12:02	1/11/2024 14:46	164	0
321287	1/11/2024 12:03	1/11/2024 19:01	418	0.05
1557303	1/11/2024 12:05	1/11/2024 14:17	132	0
1557188	1/11/2024 12:05	1/11/2024 14:16	131	0
1554218	1/11/2024 12:05	1/11/2024 16:36	271	0
571859	1/11/2024 12:06	1/11/2024 19:10	424	0
982261	1/11/2024 12:07	1/11/2024 16:17	250	0
642139	1/11/2024 12:07	1/11/2024 19:16	429	0
1518000	1/11/2024 12:07	1/12/2024 9:00	1252.18	0
1190246	1/11/2024 12:08	1/11/2024 12:56	48	0
641922	1/11/2024 12:09	1/11/2024 19:02	413	0

11435788	1/11/2024 12:11	1/11/2024 14:59	168	0
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14239	1/11/2024 12:12	1/11/2024 15:00	168	0
1375227	1/11/2024 12:12	1/11/2024 16:28	256	0
1493132	1/11/2024 12:12	1/11/2024 16:32	260	0.05
450309	1/11/2024 12:13	1/11/2024 19:00	407	0
7533405	1/11/2024 12:13	1/12/2024 9:00	1246.75	0
1376158	1/11/2024 12:14	1/11/2024 12:46	32	0
10433250	1/11/2024 12:14	1/11/2024 12:46	32	0
1384509	1/11/2024 12:14	1/12/2024 9:00	1245.02	0
447406	1/11/2024 12:14	1/12/2024 9:00	1245.9	0
13912	1/11/2024 12:14	1/11/2024 16:16	242	0
383804	1/11/2024 12:14	1/11/2024 19:04	410	0
1375642	1/11/2024 12:16	1/11/2024 14:26	130	0
7937779	1/11/2024 12:16	1/12/2024 9:00	1243.02	0
430114	1/11/2024 12:17	1/12/2024 9:00	1242.9	0
979888	1/11/2024 12:17	1/11/2024 16:18	241	0
99902	1/11/2024 12:20	1/11/2024 14:52	152	0
1435945	1/11/2024 12:22	1/12/2024 9:00	1237.18	0
1434550	1/11/2024 12:22	1/12/2024 9:00	1237.18	0
224277	1/11/2024 12:22	1/12/2024 9:00	1237.75	0
100594	1/11/2024 12:23	1/12/2024 9:00	1236.75	0
8734029	1/11/2024 12:23	1/12/2024 9:00	1236.18	0
97805	1/11/2024 12:23	1/11/2024 13:52	89	0
1433522	1/11/2024 12:26	1/12/2024 9:00	1233.18	0
14605	1/11/2024 12:28	1/11/2024 15:00	152	0
13876	1/11/2024 12:28	1/11/2024 15:00	152	0
803317	1/11/2024 12:29	1/11/2024 19:05	396	0
51957	1/11/2024 12:30	1/11/2024 13:18	48	0
15611	1/11/2024 12:30	1/11/2024 14:57	147	0
56167	1/11/2024 12:31	1/12/2024 9:00	1228.75	0
56164	1/11/2024 12:31	1/12/2024 9:00	1228.75	0
1523524	1/11/2024 12:32	1/11/2024 18:59	387	0
1670039	1/11/2024 12:33	1/11/2024 14:18	105	0
571420	1/11/2024 12:33	1/11/2024 14:18	105	0
55854	1/11/2024 12:33	1/12/2024 9:00	1226.75	0
1514004	1/11/2024 12:33	1/11/2024 18:48	375	0
190372	1/11/2024 12:33	1/12/2024 9:00	1226.75	0
457978	1/11/2024 12:34	1/11/2024 13:52	78	0
54286	1/11/2024 12:34	1/12/2024 9:00	1225.75	0
54382	1/11/2024 12:34	1/12/2024 9:00	1225.75	0
859747	1/11/2024 12:34	1/11/2024 14:08	94	0
53030	1/11/2024 12:34	1/12/2024 9:00	1225.75	0
54282	1/11/2024 12:34	1/12/2024 9:00	1225.75	0
454901	1/11/2024 12:35	1/12/2024 9:00	1224.9	0.02
55232	1/11/2024 12:35	1/12/2024 9:00	1224.75	0
455345	1/11/2024 12:36	1/11/2024 13:48	72	0

455629	1/11/2024 12:36	1/11/2024 19:06	390	0
457729	1/11/2024 12:37	1/11/2024 19:17	400	0
204700	1/11/2024 12:39	1/12/2024 9:00	1220.75	0
125572	1/11/2024 12:39	1/11/2024 15:05	146	0
204963	1/11/2024 12:39	1/12/2024 9:00	1220.75	0
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10433250	1/11/2024 12:46	1/12/2024 9:00	1213.02	0
1193174	1/11/2024 12:52	1/12/2024 9:00	1207.02	0
1190820	1/11/2024 12:54	1/11/2024 13:30	36	0
1445317	1/11/2024 12:55	1/11/2024 14:40	105	0
375655	1/11/2024 12:56	1/12/2024 9:00	1203.9	0
1190246	1/11/2024 12:56	1/11/2024 13:26	30	0
373050	1/11/2024 12:58	1/12/2024 9:00	1201.9	0
375117	1/11/2024 12:59	1/12/2024 9:00	1200.9	0
928438	1/11/2024 13:04	1/12/2024 9:00	1195.87	0
926657	1/11/2024 13:06	1/11/2024 14:04	58	0
916441	1/11/2024 13:07	1/12/2024 9:00	1192.87	0
914462	1/11/2024 13:08	1/12/2024 9:00	1191.87	0
601397	1/11/2024 13:09	1/12/2024 9:00	1190.9	0
558031	1/11/2024 13:09	1/12/2024 8:53	1184	0
605186	1/11/2024 13:11	1/12/2024 9:00	1188.9	0
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564518	1/11/2024 13:22	1/11/2024 14:25	63	0
1190246	1/11/2024 13:26	1/12/2024 9:00	1173.02	0
328113	1/11/2024 13:29	1/11/2024 14:01	32	0
1190820	1/11/2024 13:30	1/12/2024 9:00	1169.02	0
12746	1/11/2024 13:37	1/12/2024 9:00	1162.75	0
449377	1/11/2024 13:41	1/11/2024 16:03	142	0
455345	1/11/2024 13:48	1/11/2024 14:37	49	0
51957	1/11/2024 13:49	1/11/2024 15:35	106	0
1672454	1/11/2024 13:50	1/11/2024 19:12	322	0
457978	1/11/2024 13:52	1/11/2024 19:16	324	0
97805	1/11/2024 13:52	1/11/2024 19:21	329	0
1503507	1/11/2024 13:58	1/11/2024 19:12	314	0
328113	1/11/2024 14:01	1/11/2024 19:02	301	0
1403562	1/11/2024 14:02	1/11/2024 19:10	308	0
926657	1/11/2024 14:04	1/11/2024 14:51	47	0
645144	1/11/2024 14:06	1/11/2024 19:09	303	0
645339	1/11/2024 14:07	1/11/2024 19:08	301	0
1466357	1/11/2024 14:08	1/11/2024 14:40	32	0
859747	1/11/2024 14:08	1/11/2024 16:37	149	0
1469956	1/11/2024 14:08	1/11/2024 18:51	283	0
552210	1/11/2024 14:09	1/11/2024 14:41	32	0
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646026	1/11/2024 14:10	1/11/2024 19:04	294	0
553755	1/11/2024 14:11	1/11/2024 19:09	298	0
1466445	1/11/2024 14:11	1/11/2024 14:42	31	0

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1465391	1/11/2024 14:11	1/11/2024 14:42	31	0
317768	1/11/2024 14:16	1/11/2024 19:06	290	0
1556352	1/11/2024 14:16	1/11/2024 14:31	15	0
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1557303	1/11/2024 14:17	1/11/2024 14:32	15	0
571420	1/11/2024 14:18	1/11/2024 19:03	285	0
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1670039	1/11/2024 14:18	1/11/2024 19:19	301	0
9993412	1/11/2024 14:18	1/11/2024 19:21	303	0
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1556434	1/11/2024 14:19	1/11/2024 14:35	16	0
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1093722	1/11/2024 14:22	1/11/2024 14:38	16	0
580808	1/11/2024 14:23	1/11/2024 14:39	16	0
792391	1/11/2024 14:24	1/11/2024 14:40	16	0
794132	1/11/2024 14:24	1/11/2024 14:41	17	0
791361	1/11/2024 14:24	1/11/2024 14:40	16	0
564518	1/11/2024 14:25	1/11/2024 14:41	16	0
792446	1/11/2024 14:26	1/11/2024 19:00	274	0
793937	1/11/2024 14:26	1/11/2024 14:36	10	0
1375642	1/11/2024 14:26	1/11/2024 15:14	48	0
816722	1/11/2024 14:29	1/11/2024 14:45	16	0
1406535	1/11/2024 14:30	1/11/2024 15:58	88	0
1251782	1/11/2024 14:30	1/11/2024 14:46	16	0
1405290	1/11/2024 14:30	1/11/2024 15:58	88	0
817825	1/11/2024 14:30	1/11/2024 14:45	15	0
995564	1/11/2024 14:31	1/11/2024 14:48	17	0
997397	1/11/2024 14:31	1/11/2024 14:47	16	0
1556352	1/11/2024 14:31	1/11/2024 14:47	16	0
1556246	1/11/2024 14:32	1/11/2024 14:48	16	0
1557303	1/11/2024 14:32	1/11/2024 14:48	16	0
1556243	1/11/2024 14:32	1/11/2024 14:48	16	0
1557188	1/11/2024 14:32	1/11/2024 14:48	16	0
1672784	1/11/2024 14:33	1/12/2024 9:00	1106.9	0
1557676	1/11/2024 14:33	1/11/2024 14:49	16	0
817260	1/11/2024 14:33	1/11/2024 19:05	272	0
1556486	1/11/2024 14:34	1/11/2024 14:50	16	0
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469018	1/11/2024 14:35	1/11/2024 19:06	271	0
793937	1/11/2024 14:36	1/11/2024 18:52	256	0
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1093722	1/11/2024 14:38	1/11/2024 19:02	264	0
8590289	1/11/2024 14:39	1/11/2024 19:10	271	0
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569554	1/11/2024 14:39	1/11/2024 19:16	277	0

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791361	1/11/2024 14:40	1/11/2024 19:51	311	0
1445317	1/11/2024 14:40	1/11/2024 18:43	243	0
792391	1/11/2024 14:40	1/11/2024 19:10	270	0
10371746	1/11/2024 14:40	1/11/2024 19:06	266	0
1466357	1/11/2024 14:40	1/11/2024 18:46	246	0
552210	1/11/2024 14:41	1/11/2024 19:07	266	0
794132	1/11/2024 14:41	1/11/2024 19:07	266	0
385332	1/11/2024 14:41	1/11/2024 18:58	257	0
564518	1/11/2024 14:41	1/11/2024 16:05	84	0
567126	1/11/2024 14:41	1/11/2024 19:12	271	0
506261	1/11/2024 14:41	1/11/2024 19:07	266	0
1321750	1/11/2024 14:42	1/11/2024 18:58	256	0
1465391	1/11/2024 14:42	1/11/2024 18:50	248	0
1321663	1/11/2024 14:42	1/11/2024 18:52	250	0
1466445	1/11/2024 14:42	1/11/2024 18:53	251	0
425936	1/11/2024 14:43	1/11/2024 19:06	263	0
549259	1/11/2024 14:43	1/11/2024 19:09	266	0
816722	1/11/2024 14:45	1/11/2024 18:59	254	0
6828301	1/11/2024 14:45	1/11/2024 19:13	268	0
817825	1/11/2024 14:45	1/11/2024 19:07	262	0
350517	1/11/2024 14:45	1/11/2024 18:59	254	0
980398	1/11/2024 14:46	1/11/2024 18:50	244	0
262048	1/11/2024 14:46	1/11/2024 19:07	261	0
8605921	1/11/2024 14:46	1/11/2024 19:17	271	0
1251782	1/11/2024 14:46	1/11/2024 19:13	267	0
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997397	1/11/2024 14:47	1/11/2024 18:57	250	0
7518767	1/11/2024 14:47	1/11/2024 19:10	263	0
1556246	1/11/2024 14:48	1/11/2024 18:57	249	0
1556243	1/11/2024 14:48	1/11/2024 19:02	254	0
1557303	1/11/2024 14:48	1/11/2024 18:58	250	0
995564	1/11/2024 14:48	1/11/2024 18:42	234	0
1557188	1/11/2024 14:48	1/11/2024 18:58	250	0
1557676	1/11/2024 14:49	1/11/2024 18:55	246	0
519373	1/11/2024 14:49	1/11/2024 19:20	271	0
1556486	1/11/2024 14:50	1/11/2024 18:48	238	0
1556565	1/11/2024 14:50	1/11/2024 18:50	240	0
330528	1/11/2024 14:50	1/11/2024 18:04	194	0
926657	1/11/2024 14:51	1/11/2024 19:03	252	0
729928	1/11/2024 14:51	1/11/2024 19:06	255	0
1556434	1/11/2024 14:51	1/11/2024 19:02	251	0
99902	1/11/2024 14:52	1/11/2024 19:10	258	0
903630	1/11/2024 14:52	1/11/2024 19:06	254	0
127206	1/11/2024 14:53	1/12/2024 9:00	1086.75	0

1407632	1/11/2024 14:56	1/11/2024 18:46	230	0
15611	1/11/2024 14:57	1/11/2024 15:23	26	0
1378273	1/11/2024 14:58	1/11/2024 18:52	234	0
11435788	1/11/2024 14:59	1/11/2024 15:09	10	0
1407881	1/11/2024 15:00	1/11/2024 18:48	228	0
1407947	1/11/2024 15:00	1/11/2024 18:48	228	0
14239	1/11/2024 15:00	1/11/2024 19:10	250	0
1378582	1/11/2024 15:00	1/11/2024 18:56	236	0
1378128	1/11/2024 15:00	1/11/2024 18:56	236	0
13876	1/11/2024 15:00	1/11/2024 15:27	27	0
14605	1/11/2024 15:00	1/11/2024 15:27	27	0
8894	1/11/2024 15:01	1/11/2024 19:10	249	0
1515964	1/11/2024 15:03	1/11/2024 18:56	233	0
125572	1/11/2024 15:05	1/11/2024 19:17	252	0
634044	1/11/2024 15:06	1/11/2024 19:06	240	0
1446401	1/11/2024 15:07	1/11/2024 18:40	213	0
8486022	1/11/2024 15:08	1/11/2024 18:40	212	0
11435788	1/11/2024 15:09	1/11/2024 19:13	244	0
634779	1/11/2024 15:10	1/11/2024 19:12	242	0
11728	1/11/2024 15:10	1/12/2024 9:00	1069.75	0
11628	1/11/2024 15:11	1/11/2024 15:28	17	0
1375642	1/11/2024 15:14	1/11/2024 19:08	234	0
15611	1/11/2024 15:23	1/11/2024 19:12	229	0
174815	1/11/2024 15:26	1/11/2024 20:21	295	0
14605	1/11/2024 15:27	1/11/2024 19:14	227	0
13876	1/11/2024 15:27	1/11/2024 19:11	224	0
11628	1/11/2024 15:28	1/11/2024 19:28	240	0
1565203	1/11/2024 15:30	1/11/2024 18:48	198	0
51957	1/11/2024 15:35	1/11/2024 19:20	225	0
317195	1/11/2024 15:57	1/11/2024 19:06	189	0
1405290	1/11/2024 15:58	1/11/2024 19:06	188	0
1406535	1/11/2024 15:58	1/11/2024 19:06	188	0
314945	1/11/2024 15:59	1/11/2024 19:14	195	0
399291	1/11/2024 15:59	1/11/2024 19:18	199	0
1346410	1/11/2024 16:02	1/11/2024 19:00	178	0
449377	1/11/2024 16:03	1/11/2024 16:18	15	0
1444809	1/11/2024 16:03	1/11/2024 18:40	157	0
7902724	1/11/2024 16:03	1/11/2024 16:35	32	0
564518	1/11/2024 16:05	1/12/2024 9:00	1014.9	0
1435531	1/11/2024 16:07	1/11/2024 18:55	168	0
1077082	1/11/2024 16:08	1/11/2024 19:11	183	0
496498	1/11/2024 16:09	1/11/2024 19:07	178	0
496500	1/11/2024 16:09	1/11/2024 19:02	173	0
8972545	1/11/2024 16:09	1/11/2024 19:02	173	0
587455	1/11/2024 16:15	1/11/2024 19:07	172	0
1325831	1/11/2024 16:16	1/12/2024 9:00	1003.02	0
13912	1/11/2024 16:16	1/11/2024 20:46	270	0

1671958	1/11/2024 16:16	1/11/2024 19:09	173	0
982261	1/11/2024 16:17	1/11/2024 18:59	162	0
979888	1/11/2024 16:18	1/11/2024 18:50	152	0
449377	1/11/2024 16:18	1/11/2024 17:00	42	0
574993	1/11/2024 16:23	1/11/2024 16:27	4	0
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1375227	1/11/2024 16:28	1/11/2024 19:06	158	0
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1554218	1/11/2024 16:36	1/11/2024 19:02	146	0
859747	1/11/2024 16:37	1/11/2024 19:04	147	0
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7902724	1/11/2024 16:50	1/11/2024 19:12	142	0
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1469270	1/11/2024 16:57	1/11/2024 18:57	120	0
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1368745	1/11/2024 17:04	1/11/2024 18:58	114	0
1512146	1/11/2024 17:10	1/11/2024 19:00	110	0
574993	1/11/2024 17:10	1/11/2024 17:15	5	0
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449377	1/11/2024 17:58	1/11/2024 18:51	53	0
25674	1/11/2024 17:59	1/12/2024 9:00	900.75	0
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330528	1/11/2024 18:04	1/12/2024 9:00	895.75	0
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1610090	1/11/2024 18:36	1/12/2024 9:00	863.18	0
9524954	1/11/2024 18:39	1/12/2024 9:00	860.18	0
1446401	1/11/2024 18:40	1/12/2024 9:00	859.18	0
1444809	1/11/2024 18:40	1/12/2024 7:53	793	0
8486022	1/11/2024 18:40	1/12/2024 9:00	859.18	0
1609484	1/11/2024 18:41	1/12/2024 9:00	858.18	0
1433697	1/11/2024 18:42	1/12/2024 9:00	857.9	0
1466638	1/11/2024 18:42	1/12/2024 8:37	835	0
995564	1/11/2024 18:42	1/12/2024 9:00	857.43	0
1434359	1/11/2024 18:42	1/12/2024 9:00	857.18	0
1270983	1/11/2024 18:42	1/12/2024 9:00	857.02	0
1597556	1/11/2024 18:43	1/12/2024 9:00	856.18	0
1430553	1/11/2024 18:43	1/12/2024 9:00	856.18	0

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1595324	1/11/2024 18:44	1/12/2024 9:00	855.18	0
1321605	1/11/2024 18:44	1/12/2024 9:00	855.02	0
1430644	1/11/2024 18:45	1/12/2024 9:00	854.18	0
1438807	1/11/2024 18:45	1/12/2024 8:03	798	0
1436742	1/11/2024 18:46	1/12/2024 8:52	846	0
1466357	1/11/2024 18:46	1/12/2024 9:00	853.18	0
1407632	1/11/2024 18:46	1/12/2024 9:00	853.02	0
1556352	1/11/2024 18:47	1/12/2024 9:00	852.18	0
1438878	1/11/2024 18:47	1/12/2024 8:03	796	0
8495802	1/11/2024 18:47	1/12/2024 9:00	852.18	0
1407947	1/11/2024 18:48	1/12/2024 9:00	851.02	0
571799	1/11/2024 18:48	1/12/2024 9:00	851.9	0
1565203	1/11/2024 18:48	1/12/2024 9:00	851.18	0
1265778	1/11/2024 18:48	1/12/2024 9:00	851.02	0
1556486	1/11/2024 18:48	1/12/2024 9:00	851.18	0
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1514004	1/11/2024 18:48	1/12/2024 9:00	851.18	0
1432509	1/11/2024 18:49	1/12/2024 9:00	850.18	0
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1432940	1/11/2024 18:50	1/12/2024 9:00	849.18	0
980398	1/11/2024 18:50	1/12/2024 9:00	849.43	0
1433348	1/11/2024 18:50	1/12/2024 9:00	849.18	0
1469850	1/11/2024 18:50	1/12/2024 7:53	783	0
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979888	1/11/2024 18:50	1/12/2024 7:59	789	0
1465391	1/11/2024 18:50	1/12/2024 9:00	849.18	0
1320008	1/11/2024 18:50	1/12/2024 9:00	849.02	0
1556565	1/11/2024 18:50	1/12/2024 9:00	849.18	0
1469956	1/11/2024 18:51	1/12/2024 9:00	848.18	0
1609415	1/11/2024 18:51	1/12/2024 9:00	848.18	0
449377	1/11/2024 18:51	1/11/2024 20:36	105	0
1456419	1/11/2024 18:51	1/12/2024 9:00	848.18	0
1309098	1/11/2024 18:52	1/12/2024 9:00	847.02	0
1609222	1/11/2024 18:52	1/12/2024 8:58	846	0
1321663	1/11/2024 18:52	1/12/2024 9:00	847.02	0
10659831	1/11/2024 18:52	1/12/2024 9:00	847.18	0
10628562	1/11/2024 18:52	1/12/2024 9:00	847.18	0
1378273	1/11/2024 18:52	1/12/2024 9:00	847.02	0
8674977	1/11/2024 18:52	1/12/2024 9:00	847.02	0
1417279	1/11/2024 18:52	1/12/2024 9:00	847.02	0
1437276	1/11/2024 18:52	1/12/2024 9:00	847.18	0
1027973	1/11/2024 18:52	1/12/2024 9:00	847.43	0
793937	1/11/2024 18:52	1/12/2024 9:00	847.87	0
1466445	1/11/2024 18:53	1/12/2024 9:00	846.18	0
981933	1/11/2024 18:53	1/12/2024 9:00	846.43	0

1524033	1/11/2024 18:53	1/12/2024 9:00	846.18	0
1109994	1/11/2024 18:54	1/12/2024 9:00	845.43	0
1595351	1/11/2024 18:54	1/12/2024 9:00	845.18	0
1431804	1/11/2024 18:54	1/12/2024 9:00	845.18	0
1417138	1/11/2024 18:54	1/12/2024 9:00	845.02	0
1406664	1/11/2024 18:54	1/12/2024 9:00	845.02	0
1465282	1/11/2024 18:54	1/12/2024 9:00	845.18	0
1332906	1/11/2024 18:54	1/12/2024 9:00	845.02	0
1685329	1/11/2024 18:54	1/12/2024 9:00	845.02	0
2032900	1/11/2024 18:54	1/12/2024 9:00	845.02	0
1557676	1/11/2024 18:55	1/12/2024 9:00	844.18	0
1435531	1/11/2024 18:55	1/12/2024 9:00	844.18	0
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1320845	1/11/2024 18:56	1/12/2024 9:00	843.02	0
1378128	1/11/2024 18:56	1/12/2024 9:00	843.02	0
1378582	1/11/2024 18:56	1/12/2024 9:00	843.02	0
1515964	1/11/2024 18:56	1/12/2024 9:00	843.18	0
1333801	1/11/2024 18:56	1/12/2024 9:00	843.02	0
1320619	1/11/2024 18:56	1/12/2024 9:00	843.02	0
1431996	1/11/2024 18:57	1/12/2024 9:00	842.18	0
1469270	1/11/2024 18:57	1/12/2024 7:53	776	0
1453263	1/11/2024 18:57	1/12/2024 9:00	842.18	0
997397	1/11/2024 18:57	1/12/2024 9:00	842.43	0
1556246	1/11/2024 18:57	1/12/2024 9:00	842.18	0
385332	1/11/2024 18:58	1/12/2024 9:00	841.9	0
1368745	1/11/2024 18:58	1/12/2024 9:00	841.02	0
1557188	1/11/2024 18:58	1/12/2024 9:00	841.18	0
320966	1/11/2024 18:58	1/12/2024 9:00	841.75	0
1321750	1/11/2024 18:58	1/12/2024 9:00	841.02	0
1573666	1/11/2024 18:58	1/12/2024 9:00	841.18	0
1349766	1/11/2024 18:58	1/12/2024 9:00	841.02	0
1557303	1/11/2024 18:58	1/12/2024 9:00	841.18	0
800576	1/11/2024 18:59	1/12/2024 9:00	840.87	0
347230	1/11/2024 18:59	1/12/2024 8:13	794	0
816722	1/11/2024 18:59	1/12/2024 9:00	840.87	0
982261	1/11/2024 18:59	1/12/2024 8:02	783	0
350517	1/11/2024 18:59	1/12/2024 9:00	840.75	0
1523524	1/11/2024 18:59	1/12/2024 9:00	840.18	0
29635	1/11/2024 19:00	1/12/2024 9:00	839.75	0
1512146	1/11/2024 19:00	1/12/2024 9:00	839.18	0
860281	1/11/2024 19:00	1/12/2024 9:00	839.87	0
314188	1/11/2024 19:00	1/12/2024 9:00	839.75	0
1393699	1/11/2024 19:00	1/12/2024 9:00	839.02	0
792446	1/11/2024 19:00	1/12/2024 9:00	839.87	0
1346410	1/11/2024 19:00	1/12/2024 9:00	839.02	0
450309	1/11/2024 19:00	1/12/2024 9:00	839.9	0

800588	1/11/2024 19:01	1/12/2024 9:00	838.87	0
580808	1/11/2024 19:01	1/12/2024 8:25	804	0
8668965	1/11/2024 19:01	1/12/2024 9:00	838.9	0
324290	1/11/2024 19:01	1/12/2024 9:00	838.75	0
350346	1/11/2024 19:01	1/12/2024 9:00	838.75	0
321287	1/11/2024 19:01	1/12/2024 9:00	838.75	0
416557	1/11/2024 19:01	1/12/2024 9:00	838.9	0
1415828	1/11/2024 19:02	1/12/2024 9:00	837.02	0
1556243	1/11/2024 19:02	1/12/2024 9:00	837.18	0
1554218	1/11/2024 19:02	1/12/2024 9:00	837.18	0
328113	1/11/2024 19:02	1/12/2024 9:00	837.75	0
1093722	1/11/2024 19:02	1/12/2024 8:20	798	0
1388092	1/11/2024 19:02	1/12/2024 9:00	837.02	0
641922	1/11/2024 19:02	1/12/2024 9:00	837.9	0
1556434	1/11/2024 19:02	1/12/2024 9:00	837.18	0
1310926	1/11/2024 19:02	1/12/2024 9:00	837.02	0
496500	1/11/2024 19:02	1/12/2024 9:00	837.9	0
510307	1/11/2024 19:02	1/12/2024 9:00	837.9	0
8972545	1/11/2024 19:02	1/12/2024 9:00	837.9	0
500173	1/11/2024 19:02	1/12/2024 9:00	837.9	0
593798	1/11/2024 19:03	1/12/2024 9:00	836.9	0
926657	1/11/2024 19:03	1/12/2024 9:00	836.87	0
971524	1/11/2024 19:03	1/12/2024 8:37	814	0
325050	1/11/2024 19:03	1/12/2024 9:00	836.75	0
571420	1/11/2024 19:03	1/12/2024 9:00	836.9	0
197690	1/11/2024 19:03	1/12/2024 9:00	836.75	0
800600	1/11/2024 19:03	1/12/2024 9:00	836.87	0
626477	1/11/2024 19:03	1/12/2024 9:00	836.9	0
317233	1/11/2024 19:03	1/12/2024 9:00	836.75	0
561758	1/11/2024 19:04	1/12/2024 9:00	835.9	0
800590	1/11/2024 19:04	1/12/2024 9:00	835.87	0
1421188	1/11/2024 19:04	1/12/2024 9:00	835.02	0
859747	1/11/2024 19:04	1/12/2024 9:00	835.87	0
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428179	1/11/2024 19:04	1/12/2024 9:00	835.9	0
646026	1/11/2024 19:04	1/12/2024 9:00	835.9	0
1664433	1/11/2024 19:04	1/12/2024 9:00	835.87	0
1393633	1/11/2024 19:04	1/12/2024 9:00	835.02	0
383804	1/11/2024 19:04	1/12/2024 9:00	835.9	0
660265	1/11/2024 19:04	1/12/2024 9:00	835.87	0
353651	1/11/2024 19:05	1/12/2024 9:00	834.75	0
623871	1/11/2024 19:05	1/12/2024 9:00	834.9	0
539938	1/11/2024 19:05	1/12/2024 9:00	834.9	0
624953	1/11/2024 19:05	1/12/2024 8:38	813	0
1093889	1/11/2024 19:05	1/12/2024 8:21	796	0
196408	1/11/2024 19:05	1/12/2024 9:00	834.75	0
324249	1/11/2024 19:05	1/12/2024 9:00	834.75	0

553863	1/11/2024 19:05	1/12/2024 9:00	834.9	0
627018	1/11/2024 19:05	1/12/2024 8:38	813	0
803317	1/11/2024 19:05	1/12/2024 9:00	834.87	0
817260	1/11/2024 19:05	1/12/2024 9:00	834.87	0
1376158	1/11/2024 19:06	1/12/2024 7:58	772	0
1375227	1/11/2024 19:06	1/12/2024 9:00	833.02	0
563241	1/11/2024 19:06	1/12/2024 9:00	833.9	0
634044	1/11/2024 19:06	1/12/2024 9:00	833.9	0
498070	1/11/2024 19:06	1/12/2024 9:00	833.9	0
259674	1/11/2024 19:06	1/12/2024 9:00	833.75	0
317768	1/11/2024 19:06	1/12/2024 9:00	833.75	0
323657	1/11/2024 19:06	1/12/2024 9:00	833.75	0
903630	1/11/2024 19:06	1/12/2024 9:00	833.87	0
346288	1/11/2024 19:06	1/12/2024 9:00	833.75	0
23566	1/11/2024 19:06	1/12/2024 9:00	833.75	0
425936	1/11/2024 19:06	1/12/2024 9:00	833.9	0
1406535	1/11/2024 19:06	1/12/2024 9:00	833.02	0
1405290	1/11/2024 19:06	1/12/2024 9:00	833.02	0
317195	1/11/2024 19:06	1/12/2024 9:00	833.75	0
9063373	1/11/2024 19:06	1/12/2024 9:00	833.02	0
10371746	1/11/2024 19:06	1/12/2024 9:00	833.9	0
349467	1/11/2024 19:06	1/12/2024 9:00	833.75	0
729928	1/11/2024 19:06	1/12/2024 9:00	833.87	0
455629	1/11/2024 19:06	1/12/2024 9:00	833.9	0
469018	1/11/2024 19:06	1/12/2024 9:00	833.9	0
449036	1/11/2024 19:06	1/12/2024 9:00	833.9	0
510974	1/11/2024 19:06	1/12/2024 9:00	833.9	0
7879030	1/11/2024 19:07	1/12/2024 9:00	832.9	0
262048	1/11/2024 19:07	1/12/2024 9:00	832.75	0
275018	1/11/2024 19:07	1/12/2024 9:00	832.75	0
624716	1/11/2024 19:07	1/12/2024 9:00	832.9	0
195666	1/11/2024 19:07	1/12/2024 9:00	832.75	0
510522	1/11/2024 19:07	1/12/2024 9:00	832.9	0
623069	1/11/2024 19:07	1/12/2024 9:00	832.9	0
68308	1/11/2024 19:07	1/12/2024 9:00	832.75	0
817825	1/11/2024 19:07	1/12/2024 9:00	832.87	0
350406	1/11/2024 19:07	1/12/2024 9:00	832.75	0
496498	1/11/2024 19:07	1/12/2024 9:00	832.9	0
197561	1/11/2024 19:07	1/12/2024 9:00	832.75	0
264379	1/11/2024 19:07	1/12/2024 9:00	832.75	0
552210	1/11/2024 19:07	1/12/2024 9:00	832.9	0
587455	1/11/2024 19:07	1/12/2024 9:00	832.9	0
593366	1/11/2024 19:07	1/12/2024 9:00	832.9	0
561757	1/11/2024 19:07	1/12/2024 8:52	825	0
551972	1/11/2024 19:07	1/12/2024 9:00	832.9	0
23462	1/11/2024 19:07	1/12/2024 9:00	832.75	0
794132	1/11/2024 19:07	1/12/2024 9:00	832.87	0

303510	1/11/2024 19:07	1/12/2024 9:00	832.75	0
318402	1/11/2024 19:07	1/12/2024 9:00	832.75	0
8603428	1/11/2024 19:07	1/12/2024 9:00	832.75	0
304209	1/11/2024 19:07	1/12/2024 9:00	832.75	0
506261	1/11/2024 19:07	1/12/2024 9:00	832.9	0
624628	1/11/2024 19:07	1/12/2024 8:36	809	0
571847	1/11/2024 19:08	1/12/2024 9:00	831.9	0
1351069	1/11/2024 19:08	1/12/2024 9:00	831.02	0
315345	1/11/2024 19:08	1/12/2024 9:00	831.75	0
645339	1/11/2024 19:08	1/12/2024 9:00	831.9	0
274059	1/11/2024 19:08	1/12/2024 9:00	831.75	0
1375642	1/11/2024 19:08	1/12/2024 9:00	831.02	0
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315346	1/11/2024 19:08	1/12/2024 9:00	831.75	0
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6761269	1/11/2024 19:09	1/12/2024 9:00	830.75	0
315730	1/11/2024 19:09	1/12/2024 9:00	830.75	0
511223	1/11/2024 19:09	1/12/2024 9:00	830.9	0
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28509	1/11/2024 19:09	1/12/2024 9:00	830.75	0
196965	1/11/2024 19:09	1/12/2024 9:00	830.75	0
353082	1/11/2024 19:09	1/12/2024 9:00	830.75	0
265473	1/11/2024 19:09	1/12/2024 9:00	830.75	0
8910809	1/11/2024 19:09	1/12/2024 9:00	830.9	0
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338734	1/11/2024 19:09	1/12/2024 9:00	830.75	0
47769	1/11/2024 19:10	1/12/2024 9:00	829.75	0
523489	1/11/2024 19:10	1/12/2024 9:00	829.75	0
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193791	1/11/2024 19:10	1/12/2024 9:00	829.75	0
792391	1/11/2024 19:10	1/12/2024 9:00	829.87	0
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567126	1/11/2024 19:12	1/12/2024 9:00	827.9	0
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25066	1/11/2024 19:12	1/12/2024 9:00	827.75	0
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317126	1/11/2024 19:12	1/12/2024 9:00	827.75	0
15611	1/11/2024 19:12	1/12/2024 9:00	827.75	0
21820	1/11/2024 19:12	1/12/2024 9:00	827.75	0

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49209	1/11/2024 19:13	1/12/2024 9:00	826.75	0
6828301	1/11/2024 19:13	1/12/2024 9:00	826.75	0
29848	1/11/2024 19:13	1/12/2024 9:00	826.75	0
8621797	1/11/2024 19:13	1/12/2024 9:00	826.75	0
373278	1/11/2024 19:13	1/12/2024 9:00	826.9	0
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267537	1/11/2024 19:13	1/12/2024 9:00	826.75	0
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68620	1/11/2024 19:13	1/12/2024 9:00	826.75	0
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304295	1/11/2024 19:13	1/12/2024 9:00	826.75	0
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317084	1/11/2024 19:14	1/12/2024 9:00	825.75	0
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314945	1/11/2024 19:14	1/12/2024 9:00	825.75	0
508593	1/11/2024 19:14	1/12/2024 9:00	825.9	0
315306	1/11/2024 19:14	1/12/2024 9:00	825.75	0
274125	1/11/2024 19:14	1/12/2024 9:00	825.75	0
197629	1/11/2024 19:15	1/12/2024 9:00	824.75	0
316997	1/11/2024 19:15	1/12/2024 9:00	824.75	0
198082	1/11/2024 19:15	1/12/2024 9:00	824.75	0
378229	1/11/2024 19:15	1/12/2024 9:00	824.9	0
8950281	1/11/2024 19:15	1/12/2024 9:00	824.75	0
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1081237	1/11/2024 19:15	1/12/2024 9:00	824.9	0
195187	1/11/2024 19:15	1/12/2024 9:00	824.75	0
174902	1/11/2024 19:15	1/12/2024 9:00	824.75	0
281235	1/11/2024 19:15	1/12/2024 9:00	824.75	0
11081884	1/11/2024 19:16	1/12/2024 9:00	823.75	0
457978	1/11/2024 19:16	1/12/2024 9:00	823.9	0
413869	1/11/2024 19:16	1/12/2024 9:00	823.9	0
642139	1/11/2024 19:16	1/12/2024 9:00	823.9	0
569554	1/11/2024 19:16	1/12/2024 9:00	823.9	0
8605921	1/11/2024 19:17	1/12/2024 9:00	822.75	0
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350753	1/11/2024 19:17	1/12/2024 9:00	822.75	0

304845	1/11/2024 19:17	1/12/2024 9:00	822.75	0
125572	1/11/2024 19:17	1/12/2024 9:00	822.75	0
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380057	1/11/2024 19:17	1/12/2024 9:00	822.9	0
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27483	1/11/2024 19:18	1/12/2024 9:00	821.75	0
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69207	1/11/2024 19:21	1/12/2024 9:00	818.75	0
356505	1/11/2024 19:21	1/12/2024 9:00	818.9	0
97805	1/11/2024 19:21	1/12/2024 9:00	818.75	0
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353728	1/11/2024 19:23	1/12/2024 9:00	816.75	0
11628	1/11/2024 19:28	1/12/2024 9:00	811.75	0
24124	1/11/2024 19:34	1/12/2024 9:00	805.75	0
70866	1/11/2024 19:38	1/12/2024 9:00	801.75	0
791361	1/11/2024 19:51	1/12/2024 9:00	788.87	0
174815	1/11/2024 20:21	1/12/2024 9:00	758.75	0
449377	1/11/2024 20:36	1/11/2024 21:39	63	0
13912	1/11/2024 20:46	1/12/2024 9:00	733.75	0
449377	1/11/2024 21:39	1/11/2024 22:05	26	0
449377	1/11/2024 22:05	1/11/2024 23:29	84	0
449377	1/11/2024 23:29	1/12/2024 0:10	41	0
449377	1/12/2024 0:10	1/12/2024 0:27	17	0
449377	1/12/2024 0:27	1/12/2024 1:24	57	0
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449377	1/12/2024 3:36	1/12/2024 4:28	52	0
449377	1/12/2024 4:28	1/12/2024 6:39	131	0
449377	1/12/2024 6:39	1/12/2024 6:50	11	0
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1469270	1/12/2024 7:53	1/12/2024 9:00	66.18	0
1469850	1/12/2024 7:53	1/12/2024 9:00	66.18	0
1444809	1/12/2024 7:53	1/12/2024 9:00	66.18	0
1376158	1/12/2024 7:58	1/12/2024 9:00	61.02	0
979888	1/12/2024 7:59	1/12/2024 9:00	60.43	0
982261	1/12/2024 8:02	1/12/2024 9:00	57.43	0

1439908	1/12/2024 8:02	1/12/2024 9:00	57.18	0
1438878	1/12/2024 8:03	1/12/2024 9:00	56.18	0
1438807	1/12/2024 8:03	1/12/2024 9:00	56.18	0
1445317	1/12/2024 8:08	1/12/2024 9:00	51.18	0
347230	1/12/2024 8:13	1/12/2024 8:28	15	0
1680798	1/12/2024 8:13	1/12/2024 8:29	16	0
1093722	1/12/2024 8:20	1/12/2024 9:00	39.9	0
1093889	1/12/2024 8:21	1/12/2024 9:00	38.9	0
449377	1/12/2024 8:24	1/12/2024 9:00	35.9	0
65245	1/12/2024 8:24	1/12/2024 9:00	35.75	0
580808	1/12/2024 8:25	1/12/2024 9:00	34.9	0
347230	1/12/2024 8:28	1/12/2024 9:00	31.75	0
1680798	1/12/2024 8:29	1/12/2024 9:00	30.75	0
7902724	1/12/2024 8:35	1/12/2024 9:00	24.75	0
624628	1/12/2024 8:36	1/12/2024 9:00	23.9	0
971524	1/12/2024 8:37	1/12/2024 9:00	22.9	0
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624953	1/12/2024 8:38	1/12/2024 9:00	21.9	0
627289	1/12/2024 8:38	1/12/2024 9:00	21.9	0
1437279	1/12/2024 8:39	1/12/2024 9:00	20.18	0
8511623	1/12/2024 8:41	1/12/2024 9:00	18.75	0
561757	1/12/2024 8:52	1/12/2024 9:00	7.9	0
1436742	1/12/2024 8:52	1/12/2024 9:00	7.18	0
558031	1/12/2024 8:53	1/12/2024 9:00	6.9	0
1609222	1/12/2024 8:58	1/12/2024 9:00	1.18	0
574993	1/12/2024 9:00	1/12/2024 10:08	68	0
353728	1/12/2024 9:00	1/12/2024 11:29	149	0
195216	1/12/2024 9:00	1/13/2024 9:00	1439.75	0
1349766	1/12/2024 9:00	1/12/2024 15:26	386	0
8668965	1/12/2024 9:00	1/12/2024 10:51	111	0
1552447	1/12/2024 9:00	1/13/2024 9:00	1439.18	0
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1349032	1/12/2024 9:00	1/13/2024 9:00	1439.02	0
1985687	1/12/2024 9:00	1/13/2024 9:00	1439.9	0
447406	1/12/2024 9:00	1/13/2024 9:00	1439.9	0
51957	1/12/2024 9:00	1/12/2024 18:57	597	0
1513541	1/12/2024 9:00	1/13/2024 9:00	1439.18	0
1552990	1/12/2024 9:00	1/13/2024 9:00	1439.18	0
10222019	1/12/2024 9:00	1/13/2024 9:00	1439.02	0
1333801	1/12/2024 9:00	1/12/2024 18:54	594	0
8766703	1/12/2024 9:00	1/13/2024 9:00	1439.43	0
1672454	1/12/2024 9:00	1/12/2024 18:50	590	0
6761269	1/12/2024 9:00	1/13/2024 9:00	1439.75	0
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567126	1/12/2024 9:02	1/12/2024 14:38	336	0
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1093722	1/12/2024 9:07	1/12/2024 18:50	583	0
319279	1/12/2024 9:07	1/12/2024 11:39	152	0
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1445317	1/12/2024 9:08	1/12/2024 18:53	585	0
509233	1/12/2024 9:08	1/12/2024 19:02	594	0
1394324	1/12/2024 9:08	1/12/2024 14:18	310	0
1093889	1/12/2024 9:08	1/12/2024 18:49	581	0
1680798	1/12/2024 9:11	1/12/2024 18:53	582	0
8511623	1/12/2024 9:12	1/12/2024 18:48	576	0
1444809	1/12/2024 9:12	1/12/2024 18:49	577	0
1609222	1/12/2024 9:14	1/12/2024 14:18	304	0
347230	1/12/2024 9:15	1/12/2024 18:42	567	0
1376158	1/12/2024 9:16	1/12/2024 18:56	580	0
349467	1/12/2024 9:17	1/12/2024 11:49	152	0
350346	1/12/2024 9:17	1/12/2024 18:36	559	0
1609484	1/12/2024 9:18	1/13/2024 9:00	1421.18	0
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1320845	1/12/2024 9:24	1/12/2024 10:54	90	0
1494722	1/12/2024 9:26	1/12/2024 12:04	158	0.01
304295	1/12/2024 9:27	1/12/2024 18:58	571	0
1393699	1/12/2024 9:28	1/12/2024 12:00	152	0
8950281	1/12/2024 9:31	1/12/2024 18:47	556	0
51483	1/12/2024 9:31	1/12/2024 18:47	556	0
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276488	1/12/2024 9:34	1/12/2024 11:37	123	0
4173986	1/12/2024 9:34	1/12/2024 11:34	120	0
279833	1/12/2024 9:35	1/12/2024 11:37	122	0
274522	1/12/2024 9:36	1/12/2024 11:37	121	0
800576	1/12/2024 9:36	1/12/2024 18:53	557	0
8104722	1/12/2024 9:37	1/12/2024 18:48	551	0
314899	1/12/2024 9:37	1/12/2024 18:43	546	0
318402	1/12/2024 9:38	1/12/2024 18:44	546	0
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317084	1/12/2024 9:41	1/12/2024 18:57	556	0
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1466445	1/12/2024 9:42	1/12/2024 18:53	551	0
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455345	1/12/2024 9:51	1/12/2024 10:22	31	0
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995564	1/12/2024 10:32	1/12/2024 18:51	499	0
997397	1/12/2024 10:32	1/12/2024 18:54	502	0
198082	1/12/2024 10:33	1/12/2024 11:05	32	0
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193420	1/12/2024 10:35	1/13/2024 9:00	1344.75	0
1415828	1/12/2024 10:36	1/12/2024 10:46	10	0
8972545	1/12/2024 10:36	1/12/2024 11:23	47	0
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68308	1/12/2024 10:37	1/13/2024 9:00	1342.75	0
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801004	1/12/2024 10:38	1/12/2024 11:52	74	0
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1509487	1/12/2024 10:38	1/12/2024 18:51	493	0
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24124	1/12/2024 10:40	1/12/2024 10:56	16	0
524306	1/12/2024 10:40	1/12/2024 18:48	488	0
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496498	1/12/2024 10:46	1/12/2024 18:44	478	0
561672	1/12/2024 10:47	1/12/2024 11:34	47	0
350406	1/12/2024 10:47	1/12/2024 11:44	57	0
68620	1/12/2024 10:48	1/12/2024 19:02	494	0
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8668965	1/12/2024 10:51	1/12/2024 18:38	467	0
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328113	1/12/2024 10:53	1/13/2024 9:00	1326.75	0
1332906	1/12/2024 10:54	1/12/2024 18:50	476	0.06
1320845	1/12/2024 10:54	1/12/2024 14:06	192	0
21820	1/12/2024 10:55	1/12/2024 11:41	46	0
8387677	1/12/2024 10:55	1/12/2024 18:48	473	0
611363	1/12/2024 10:55	1/12/2024 12:09	74	0
574993	1/12/2024 10:55	1/12/2024 11:00	5	0
353371	1/12/2024 10:56	1/12/2024 18:54	478	0
6961293	1/12/2024 10:56	1/13/2024 9:00	1323.75	0
24124	1/12/2024 10:56	1/12/2024 12:14	78	0
21306	1/12/2024 10:57	1/12/2024 18:49	472	0
378229	1/12/2024 10:58	1/12/2024 19:00	482	0
1375642	1/12/2024 10:58	1/12/2024 11:46	48	0
353082	1/12/2024 10:59	1/12/2024 18:57	478	0
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574993	1/12/2024 11:00	1/13/2024 9:00	1319.9	0
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328570	1/12/2024 11:01	1/12/2024 11:49	48	0
416557	1/12/2024 11:02	1/12/2024 18:38	456	0
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926638	1/12/2024 11:03	1/12/2024 19:14	491	0
197356	1/12/2024 11:03	1/12/2024 19:01	478	0
455994	1/12/2024 11:03	1/12/2024 11:22	19	0
926503	1/12/2024 11:03	1/12/2024 18:53	470	0
928438	1/12/2024 11:05	1/13/2024 9:00	1314.87	0
267537	1/12/2024 11:05	1/12/2024 18:52	467	0
196965	1/12/2024 11:05	1/12/2024 18:42	457	0
926505	1/12/2024 11:05	1/12/2024 18:57	472	0
198082	1/12/2024 11:05	1/12/2024 11:21	16	0

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1446785	1/12/2024 11:08	1/12/2024 18:56	468	0.16
325050	1/12/2024 11:08	1/12/2024 11:39	31	0
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646026	1/12/2024 11:09	1/12/2024 14:24	195	0
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127206	1/12/2024 11:09	1/13/2024 9:00	1310.75	0
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1393633	1/12/2024 11:14	1/12/2024 18:46	452	0.57
1597556	1/12/2024 11:15	1/12/2024 18:57	462	0
1493132	1/12/2024 11:16	1/12/2024 11:32	16	0
1462990	1/12/2024 11:17	1/12/2024 14:21	184	0
350517	1/12/2024 11:17	1/12/2024 11:49	32	0
9313875	1/12/2024 11:18	1/12/2024 14:22	184	0
1415828	1/12/2024 11:18	1/12/2024 18:50	452	0
8605921	1/12/2024 11:18	1/12/2024 19:00	462	0
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328408	1/12/2024 11:20	1/12/2024 14:24	184	0
198082	1/12/2024 11:21	1/12/2024 18:57	456	0
455994	1/12/2024 11:22	1/12/2024 19:00	458	0
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605186	1/12/2024 11:23	1/12/2024 18:49	446	0
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1321663	1/12/2024 11:26	1/12/2024 18:52	446	0.1
1407881	1/12/2024 11:26	1/13/2024 9:00	1293.02	0
13912	1/12/2024 11:26	1/12/2024 18:45	439	0
1407628	1/12/2024 11:26	1/13/2024 9:00	1293.02	0
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304265	1/12/2024 11:28	1/12/2024 18:48	440	0
1407947	1/12/2024 11:28	1/13/2024 9:00	1291.02	0
1407632	1/12/2024 11:28	1/13/2024 9:00	1291.02	0
1375227	1/12/2024 11:28	1/12/2024 11:44	16	0
353728	1/12/2024 11:29	1/12/2024 19:00	451	0
303510	1/12/2024 11:29	1/12/2024 18:45	436	0
563721	1/12/2024 11:30	1/12/2024 12:33	63	0
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1429127	1/12/2024 11:31	1/12/2024 12:03	32	0
1493132	1/12/2024 11:32	1/12/2024 18:52	440	0.26

1077082	1/12/2024 11:33	1/12/2024 11:49	16	0
449377	1/12/2024 11:33	1/12/2024 13:23	110	0
1430644	1/12/2024 11:33	1/12/2024 12:00	27	0.08
449036	1/12/2024 11:33	1/12/2024 11:49	16	0
281235	1/12/2024 11:34	1/12/2024 12:37	63	0
4173986	1/12/2024 11:34	1/12/2024 12:40	66	0
561672	1/12/2024 11:34	1/12/2024 12:32	58	0
10393495	1/12/2024 11:34	1/12/2024 12:47	73	0
323747	1/12/2024 11:35	1/12/2024 11:51	16	0
324249	1/12/2024 11:35	1/12/2024 11:51	16	0
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324045	1/12/2024 11:36	1/12/2024 11:52	16	0
1524033	1/12/2024 11:36	1/12/2024 12:39	63	0.15
279833	1/12/2024 11:37	1/12/2024 12:37	60	0
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323657	1/12/2024 11:37	1/12/2024 11:53	16	0
274522	1/12/2024 11:37	1/12/2024 12:40	63	0.21
276488	1/12/2024 11:37	1/12/2024 18:53	436	0
325050	1/12/2024 11:39	1/12/2024 18:06	387	0
125572	1/12/2024 11:39	1/12/2024 14:39	180	0.36
319279	1/12/2024 11:39	1/12/2024 12:53	74	0
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21820	1/12/2024 11:41	1/12/2024 11:58	17	0
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265955	1/12/2024 11:41	1/13/2024 9:00	1278.75	0
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1515964	1/12/2024 11:44	1/12/2024 12:16	32	0
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1375642	1/12/2024 11:46	1/12/2024 18:56	430	0
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6828301	1/12/2024 11:47	1/12/2024 12:17	30	0
7518767	1/12/2024 11:47	1/12/2024 13:01	74	0
262048	1/12/2024 11:48	1/12/2024 18:42	414	0
450309	1/12/2024 11:48	1/13/2024 9:00	1271.9	0
454901	1/12/2024 11:48	1/12/2024 12:20	32	0
457978	1/12/2024 11:48	1/12/2024 12:20	32	0
349467	1/12/2024 11:49	1/12/2024 13:02	73	0
449036	1/12/2024 11:49	1/12/2024 12:05	16	0
1077082	1/12/2024 11:49	1/12/2024 18:49	420	0
350517	1/12/2024 11:49	1/12/2024 21:00	551	0
328570	1/12/2024 11:49	1/12/2024 18:38	409	0

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324249	1/12/2024 11:51	1/12/2024 14:23	152	0
801004	1/12/2024 11:52	1/12/2024 14:24	152	0
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800600	1/12/2024 11:56	1/12/2024 18:53	417	0
11435788	1/12/2024 11:56	1/13/2024 9:00	1263.75	0
800588	1/12/2024 11:56	1/12/2024 14:23	147	0
188639	1/12/2024 11:56	1/12/2024 12:12	16	0.02
23566	1/12/2024 11:57	1/12/2024 18:44	407	0
23462	1/12/2024 11:58	1/13/2024 9:00	1261.75	0
21820	1/12/2024 11:58	1/12/2024 18:51	413	0
14239	1/12/2024 11:58	1/13/2024 9:00	1261.75	0
1375227	1/12/2024 11:58	1/12/2024 12:14	16	0
381338	1/12/2024 11:58	1/12/2024 18:52	414	0
658296	1/12/2024 11:59	1/13/2024 9:00	1260.87	0
1430644	1/12/2024 12:00	1/12/2024 13:19	79	0.02
1393699	1/12/2024 12:00	1/12/2024 18:48	408	0
10433250	1/12/2024 12:02	1/12/2024 18:42	400	0
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449036	1/12/2024 12:05	1/12/2024 18:44	399	0
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611363	1/12/2024 12:09	1/13/2024 9:00	1250.9	0
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13876	1/12/2024 12:10	1/13/2024 9:00	1249.75	0
27483	1/12/2024 12:11	1/13/2024 9:00	1248.75	0
15611	1/12/2024 12:11	1/13/2024 9:00	1248.75	0
189581	1/12/2024 12:11	1/12/2024 18:59	408	0
29848	1/12/2024 12:12	1/13/2024 9:00	1247.75	0
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24124	1/12/2024 12:14	1/12/2024 18:57	403	0
24369	1/12/2024 12:14	1/13/2024 9:00	1245.75	0
1375227	1/12/2024 12:14	1/12/2024 12:46	32	0
27852	1/12/2024 12:15	1/13/2024 9:00	1244.75	0
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1378582	1/12/2024 12:18	1/12/2024 21:38	560	0

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457978	1/12/2024 12:20	1/12/2024 12:51	31	0
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275495	1/12/2024 12:37	1/13/2024 9:00	1222.75	0
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457978	1/12/2024 12:51	1/12/2024 14:21	90	0
455345	1/12/2024 12:52	1/12/2024 18:59	367	0
319279	1/12/2024 12:53	1/13/2024 9:00	1206.75	0
324045	1/12/2024 12:55	1/13/2024 9:00	1204.75	0
1400258	1/12/2024 12:56	1/13/2024 9:00	1203.02	0
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25674	1/12/2024 13:33	1/13/2024 9:00	1166.75	0
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1321750	1/12/2024 14:08	1/12/2024 14:24	16	0
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981933	1/12/2024 14:13	1/12/2024 14:45	32	0
1565203	1/12/2024 14:14	1/12/2024 14:29	15	0
1595324	1/12/2024 14:15	1/12/2024 14:47	32	0
1595351	1/12/2024 14:15	1/12/2024 15:18	63	0
980398	1/12/2024 14:16	1/12/2024 15:03	47	0
587455	1/12/2024 14:17	1/12/2024 14:33	16	0
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1463218	1/12/2024 14:18	1/12/2024 14:34	16	0
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449377	1/12/2024 14:21	1/12/2024 15:19	58	0
1438807	1/12/2024 14:21	1/12/2024 15:03	42	0
1435531	1/12/2024 14:21	1/12/2024 18:59	278	0
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324249	1/12/2024 14:23	1/12/2024 15:06	43	0
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1456419	1/12/2024 14:23	1/12/2024 18:55	272	0
328408	1/12/2024 14:24	1/12/2024 18:41	257	0
646026	1/12/2024 14:24	1/12/2024 14:39	15	0
801004	1/12/2024 14:24	1/12/2024 14:40	16	0

800590	1/12/2024 14:24	1/12/2024 14:40	16	0
1321750	1/12/2024 14:24	1/12/2024 14:40	16	0
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7533405	1/12/2024 14:27	1/13/2024 9:00	1112.75	0
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817825	1/12/2024 14:30	1/12/2024 14:46	16	0
816722	1/12/2024 14:30	1/12/2024 14:45	15	0
587455	1/12/2024 14:33	1/12/2024 18:45	252	0
1610090	1/12/2024 14:33	1/12/2024 18:50	257	0
1464949	1/12/2024 14:34	1/12/2024 14:50	16	0
1459765	1/12/2024 14:34	1/12/2024 14:50	16	0
1459057	1/12/2024 14:34	1/12/2024 18:51	257	0
1463218	1/12/2024 14:34	1/12/2024 14:50	16	0
558031	1/12/2024 14:35	1/12/2024 18:52	257	0
645144	1/12/2024 14:35	1/12/2024 18:47	252	0
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7932279	1/12/2024 14:37	1/12/2024 18:54	257	0
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567126	1/12/2024 14:38	1/12/2024 18:50	252	0
509102	1/12/2024 14:38	1/12/2024 18:55	257	0
510522	1/12/2024 14:38	1/12/2024 18:44	246	0
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800590	1/12/2024 14:40	1/12/2024 18:50	250	0
801004	1/12/2024 14:40	1/12/2024 18:57	257	0
511223	1/12/2024 14:40	1/12/2024 18:47	247	0
1385431	1/12/2024 14:40	1/12/2024 18:52	252	0
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1321750	1/12/2024 14:40	1/12/2024 18:56	256	0
1446401	1/12/2024 14:40	1/12/2024 18:50	250	0
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816722	1/12/2024 14:45	1/12/2024 18:52	247	0

981933	1/12/2024 14:45	1/12/2024 18:52	247	0
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7518767	1/12/2024 14:48	1/12/2024 18:58	250	0
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1463218	1/12/2024 14:50	1/12/2024 18:51	241	0
1459765	1/12/2024 14:50	1/12/2024 18:52	242	0
1464949	1/12/2024 14:50	1/12/2024 19:01	251	0
445867	1/12/2024 14:51	1/12/2024 18:53	242	0
1556486	1/12/2024 14:51	1/12/2024 18:42	231	0
1321605	1/12/2024 14:52	1/12/2024 18:48	236	0
349467	1/12/2024 14:52	1/12/2024 18:54	242	0
1431996	1/12/2024 14:56	1/12/2024 18:58	242	0
1434550	1/12/2024 14:56	1/12/2024 18:47	231	0
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1435945	1/12/2024 14:58	1/12/2024 18:49	231	0
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8734029	1/12/2024 14:59	1/12/2024 18:55	236	0
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1514004	1/12/2024 15:01	1/12/2024 18:46	225	0
1438807	1/12/2024 15:03	1/12/2024 18:54	231	0
980398	1/12/2024 15:03	1/12/2024 18:54	231	0
274125	1/12/2024 15:04	1/12/2024 19:28	264	0
323747	1/12/2024 15:05	1/12/2024 17:59	174	0
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1450250	1/12/2024 15:05	1/12/2024 18:55	230	0
1434359	1/12/2024 15:06	1/12/2024 18:51	225	0
324249	1/12/2024 15:06	1/12/2024 17:59	173	0
1439908	1/12/2024 15:07	1/12/2024 18:53	226	0
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1437276	1/12/2024 15:08	1/12/2024 18:53	225	0
1469301	1/12/2024 15:09	1/12/2024 18:55	226	0
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1325831	1/12/2024 15:16	1/13/2024 9:00	1063.02	0
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1595351	1/12/2024 15:18	1/12/2024 18:53	215	0
1494722	1/12/2024 15:18	1/12/2024 18:54	216	0
1595324	1/12/2024 15:18	1/12/2024 18:53	215	0
324290	1/12/2024 15:19	1/12/2024 15:24	5	0
449377	1/12/2024 15:19	1/12/2024 16:01	42	0
469018	1/12/2024 15:19	1/12/2024 18:49	210	0
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324290	1/12/2024 15:24	1/12/2024 17:58	154	0
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1352967	1/12/2024 15:26	1/12/2024 18:56	210	0
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1702895	1/12/2024 15:28	1/12/2024 18:52	204	0
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1348976	1/12/2024 15:28	1/12/2024 18:52	204	0
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160073	1/12/2024 15:44	1/12/2024 18:43	179	0
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563241	1/12/2024 15:55	1/12/2024 18:48	173	0
1074779	1/12/2024 15:56	1/12/2024 18:49	173	0
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1350598	1/12/2024 15:56	1/12/2024 18:54	178	0

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1351588	1/12/2024 15:58	1/12/2024 18:56	178	0
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547577	1/12/2024 16:00	1/12/2024 18:48	168	0
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590897	1/12/2024 16:15	1/12/2024 18:52	157	0
317768	1/12/2024 16:19	1/13/2024 9:00	1000.75	0
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1432940	1/12/2024 17:41	1/12/2024 18:59	78	0
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317233	1/12/2024 18:39	1/13/2024 9:00	860.75	0
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196965	1/12/2024 18:42	1/13/2024 9:00	857.75	0
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7879030	1/12/2024 18:43	1/13/2024 9:00	856.9	0
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318402	1/12/2024 18:44	1/13/2024 9:00	855.75	0
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23566	1/12/2024 18:44	1/13/2024 9:00	855.75	0
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303510	1/12/2024 18:45	1/13/2024 9:00	854.75	0
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315730	1/12/2024 18:46	1/13/2024 9:00	853.75	0
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646026	1/12/2024 18:46	1/13/2024 9:00	853.9	0
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571420	1/12/2024 18:46	1/13/2024 9:00	853.9	0
456099	1/12/2024 18:46	1/13/2024 9:00	853.9	0
1393633	1/12/2024 18:46	1/13/2024 9:00	853.02	0
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8524544	1/12/2024 18:47	1/13/2024 9:00	852.75	0
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317797	1/12/2024 18:47	1/13/2024 9:00	852.75	0
523489	1/12/2024 18:47	1/13/2024 9:00	852.75	0
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1321605	1/12/2024 18:48	1/13/2024 9:00	851.02	0
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645339	1/12/2024 18:48	1/13/2024 9:00	851.9	0
1556565	1/12/2024 18:48	1/13/2024 9:00	851.18	0
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29635	1/12/2024 18:48	1/13/2024 9:00	851.75	0
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563241	1/12/2024 18:48	1/13/2024 9:00	851.9	0
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547577	1/12/2024 18:48	1/13/2024 9:00	851.75	0

1393699	1/12/2024 18:48	1/13/2024 9:00	851.02	0
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21306	1/12/2024 18:49	1/13/2024 9:00	850.75	0
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1444809	1/12/2024 18:49	1/13/2024 9:00	850.18	0
571847	1/12/2024 18:49	1/13/2024 9:00	850.9	0
8148103	1/12/2024 18:49	1/13/2024 9:00	850.75	0
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498070	1/12/2024 18:49	1/13/2024 9:00	850.9	0
316997	1/12/2024 18:49	1/13/2024 9:00	850.75	0
315169	1/12/2024 18:49	1/13/2024 9:00	850.75	0
9524954	1/12/2024 18:49	1/13/2024 9:00	850.18	0
1074779	1/12/2024 18:49	1/13/2024 9:00	850.9	0
1438878	1/12/2024 18:49	1/13/2024 9:00	850.18	0
1435945	1/12/2024 18:49	1/13/2024 9:00	850.18	0
469018	1/12/2024 18:49	1/13/2024 9:00	850.9	0
1452843	1/12/2024 18:49	1/13/2024 9:00	850.18	0
1309098	1/12/2024 18:50	1/13/2024 9:00	849.02	0
1349083	1/12/2024 18:50	1/13/2024 9:00	849.02	0
570022	1/12/2024 18:50	1/13/2024 9:00	849.9	0
1466357	1/12/2024 18:50	1/13/2024 9:00	849.18	0
552210	1/12/2024 18:50	1/13/2024 9:00	849.9	0
7178975	1/12/2024 18:50	1/13/2024 9:00	849.75	0
8604423	1/12/2024 18:50	1/12/2024 19:53	63	0
567126	1/12/2024 18:50	1/13/2024 9:00	849.9	0
195666	1/12/2024 18:50	1/13/2024 9:00	849.75	0
1415828	1/12/2024 18:50	1/13/2024 9:00	849.02	0
1610090	1/12/2024 18:50	1/13/2024 9:00	849.18	0
1672454	1/12/2024 18:50	1/13/2024 9:00	849.9	0
1556243	1/12/2024 18:50	1/13/2024 9:00	849.18	0
1446401	1/12/2024 18:50	1/13/2024 9:00	849.18	0
800590	1/12/2024 18:50	1/13/2024 9:00	849.87	0
1320845	1/12/2024 18:50	1/13/2024 9:00	849.02	0
624628	1/12/2024 18:50	1/13/2024 9:00	849.9	0
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524184	1/12/2024 18:50	1/13/2024 9:00	849.75	0
1093722	1/12/2024 18:50	1/13/2024 8:26	816	0
1332906	1/12/2024 18:50	1/13/2024 9:00	849.02	0
26864	1/12/2024 18:50	1/13/2024 9:00	849.75	0
1406535	1/12/2024 18:50	1/13/2024 9:00	849.02	0
8957908	1/12/2024 18:50	1/13/2024 9:00	849.02	0
1493766	1/12/2024 18:50	1/13/2024 9:00	849.02	0
1348444	1/12/2024 18:50	1/13/2024 9:00	849.02	0

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314945	1/12/2024 18:51	1/13/2024 9:00	848.75	0
346347	1/12/2024 18:51	1/13/2024 9:00	848.75	0
562346	1/12/2024 18:51	1/13/2024 9:00	848.9	0
1459057	1/12/2024 18:51	1/13/2024 9:00	848.18	0
564518	1/12/2024 18:51	1/13/2024 9:00	848.9	0
70866	1/12/2024 18:51	1/13/2024 9:00	848.75	0
1437071	1/12/2024 18:51	1/13/2024 9:00	848.18	0
1609415	1/12/2024 18:51	1/13/2024 9:00	848.18	0
8495802	1/12/2024 18:51	1/13/2024 9:00	848.18	0
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315345	1/12/2024 18:51	1/13/2024 9:00	848.75	0
8206792	1/12/2024 18:51	1/13/2024 9:00	848.18	0
995564	1/12/2024 18:51	1/13/2024 9:00	848.43	0
1463218	1/12/2024 18:51	1/13/2024 9:00	848.18	0
1434359	1/12/2024 18:51	1/13/2024 9:00	848.18	0
21820	1/12/2024 18:51	1/13/2024 9:00	848.75	0
971524	1/12/2024 18:51	1/13/2024 9:00	848.9	0
563721	1/12/2024 18:51	1/13/2024 9:00	848.9	0
1027973	1/12/2024 18:51	1/13/2024 9:00	848.43	0
1429127	1/12/2024 18:52	1/13/2024 9:00	847.18	0
1346671	1/12/2024 18:52	1/13/2024 9:00	847.02	0
1349502	1/12/2024 18:52	1/13/2024 9:00	847.02	0
561758	1/12/2024 18:52	1/13/2024 9:00	847.9	0
1702895	1/12/2024 18:52	1/13/2024 9:00	847.02	0
1385122	1/12/2024 18:52	1/13/2024 9:00	847.02	0
1417279	1/12/2024 18:52	1/13/2024 9:00	847.02	0
1703519	1/12/2024 18:52	1/13/2024 9:00	847.02	0
1347949	1/12/2024 18:52	1/13/2024 9:00	847.02	0
274059	1/12/2024 18:52	1/13/2024 9:00	847.75	0
1348976	1/12/2024 18:52	1/13/2024 9:00	847.02	0
1493132	1/12/2024 18:52	1/13/2024 9:00	847.02	0
816722	1/12/2024 18:52	1/13/2024 9:00	847.87	0
656498	1/12/2024 18:52	1/13/2024 9:00	847.87	0
315306	1/12/2024 18:52	1/13/2024 9:00	847.75	0
1350104	1/12/2024 18:52	1/13/2024 9:00	847.02	0
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1503634	1/12/2024 18:52	1/13/2024 9:00	847.02	0
1347024	1/12/2024 18:52	1/13/2024 9:00	847.02	0
1685329	1/12/2024 18:52	1/13/2024 9:00	847.02	0
590897	1/12/2024 18:52	1/13/2024 9:00	847.9	0
1348130	1/12/2024 18:52	1/13/2024 9:00	847.02	0
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981933	1/12/2024 18:52	1/13/2024 9:00	847.43	0
1403562	1/12/2024 18:52	1/13/2024 9:00	847.02	0

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267537	1/12/2024 18:52	1/13/2024 9:00	847.75	0
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558031	1/12/2024 18:52	1/13/2024 9:00	847.9	0
1465282	1/12/2024 18:53	1/13/2024 9:00	846.18	0
1595351	1/12/2024 18:53	1/13/2024 9:00	846.18	0
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47769	1/12/2024 18:53	1/13/2024 9:00	846.75	0
1432509	1/12/2024 18:53	1/13/2024 9:00	846.18	0
276488	1/12/2024 18:53	1/13/2024 9:00	846.75	0
926503	1/12/2024 18:53	1/13/2024 9:00	846.87	0
1595324	1/12/2024 18:53	1/13/2024 9:00	846.18	0
1680798	1/12/2024 18:53	1/13/2024 9:00	846.75	0
817260	1/12/2024 18:53	1/13/2024 9:00	846.87	0
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344958	1/12/2024 18:53	1/13/2024 9:00	846.75	0
627289	1/12/2024 18:53	1/13/2024 9:00	846.9	0
1445317	1/12/2024 18:53	1/13/2024 9:00	846.18	0
562856	1/12/2024 18:53	1/13/2024 9:00	846.9	0
1468500	1/12/2024 18:53	1/13/2024 9:00	846.18	0
1433697	1/12/2024 18:53	1/13/2024 8:32	819	0
350406	1/12/2024 18:53	1/13/2024 9:00	846.75	0
4173986	1/12/2024 18:53	1/13/2024 9:00	846.75	0
445867	1/12/2024 18:53	1/13/2024 9:00	846.9	0
574596	1/12/2024 18:53	1/13/2024 9:00	846.9	0
1469866	1/12/2024 18:53	1/13/2024 9:00	846.18	0
1466445	1/12/2024 18:53	1/13/2024 9:00	846.18	0
1431804	1/12/2024 18:53	1/13/2024 9:00	846.18	0
1439908	1/12/2024 18:53	1/13/2024 9:00	846.18	0
800576	1/12/2024 18:53	1/13/2024 9:00	846.87	0
800600	1/12/2024 18:53	1/13/2024 9:00	846.87	0
6995795	1/12/2024 18:53	1/13/2024 9:00	846.9	0
11081884	1/12/2024 18:53	1/13/2024 9:00	846.75	0
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980398	1/12/2024 18:54	1/13/2024 9:00	845.43	0
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9313875	1/12/2024 18:55	1/13/2024 9:00	844.18	0
455629	1/12/2024 18:55	1/13/2024 9:00	844.9	0
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1394324	1/12/2024 18:56	1/13/2024 9:00	843.02	0
927251	1/12/2024 18:56	1/13/2024 9:00	843.87	0
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6828301	1/12/2024 18:56	1/13/2024 9:00	843.75	0
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1394365	1/12/2024 18:56	1/13/2024 9:00	843.02	0
1376158	1/12/2024 18:56	1/13/2024 9:00	843.02	0
8590289	1/12/2024 18:57	1/13/2024 9:00	842.9	0
24124	1/12/2024 18:57	1/13/2024 9:00	842.75	0
1430553	1/12/2024 18:57	1/13/2024 9:00	842.18	0

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198082	1/12/2024 18:57	1/13/2024 9:00	842.75	0
1565203	1/12/2024 18:57	1/13/2024 8:04	787	0
1670039	1/12/2024 18:57	1/13/2024 9:00	842.9	0
353082	1/12/2024 18:57	1/13/2024 9:00	842.75	0
660265	1/12/2024 18:57	1/13/2024 9:00	842.87	0
1465703	1/12/2024 18:57	1/13/2024 9:00	842.18	0
859747	1/12/2024 18:57	1/13/2024 9:00	842.87	0
801004	1/12/2024 18:57	1/13/2024 9:00	842.87	0
317084	1/12/2024 18:57	1/13/2024 9:00	842.75	0
457729	1/12/2024 18:57	1/13/2024 9:00	842.9	0
553755	1/12/2024 18:57	1/13/2024 9:00	842.9	0
926505	1/12/2024 18:57	1/13/2024 9:00	842.87	0
1683861	1/12/2024 18:58	1/13/2024 9:00	841.75	0
446329	1/12/2024 18:58	1/13/2024 9:00	841.9	0
413869	1/12/2024 18:58	1/13/2024 9:00	841.9	0
1431996	1/12/2024 18:58	1/13/2024 9:00	841.18	0
304295	1/12/2024 18:58	1/13/2024 9:00	841.75	0
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535845	1/12/2024 18:58	1/13/2024 9:00	841.75	0
7518767	1/12/2024 18:58	1/13/2024 7:54	776	0
1664433	1/12/2024 18:58	1/13/2024 9:00	841.87	0
817825	1/12/2024 18:58	1/13/2024 9:00	841.87	0
8068454	1/12/2024 18:58	1/13/2024 9:00	841.9	0
642003	1/12/2024 18:59	1/13/2024 9:00	840.9	0
380057	1/12/2024 18:59	1/13/2024 9:00	840.9	0
455345	1/12/2024 18:59	1/13/2024 9:00	840.9	0
381982	1/12/2024 18:59	1/13/2024 9:00	840.9	0
1251782	1/12/2024 18:59	1/13/2024 9:00	840.87	0
1435531	1/12/2024 18:59	1/13/2024 9:00	840.18	0
1430838	1/12/2024 18:59	1/13/2024 9:00	840.18	0
1432940	1/12/2024 18:59	1/13/2024 8:32	813	0
457978	1/12/2024 18:59	1/13/2024 9:00	840.9	0
189581	1/12/2024 18:59	1/13/2024 9:00	840.75	0
8605921	1/12/2024 19:00	1/13/2024 7:52	772	0
1081237	1/12/2024 19:00	1/13/2024 9:00	839.9	0
197629	1/12/2024 19:00	1/13/2024 9:00	839.75	0
455994	1/12/2024 19:00	1/13/2024 9:00	839.9	0
353728	1/12/2024 19:00	1/13/2024 9:00	839.75	0
378229	1/12/2024 19:00	1/13/2024 9:00	839.9	0
561672	1/12/2024 19:00	1/13/2024 9:00	839.9	0
197356	1/12/2024 19:01	1/13/2024 9:00	838.75	0
1464949	1/12/2024 19:01	1/13/2024 9:00	838.18	0
68620	1/12/2024 19:02	1/13/2024 9:00	837.75	0
1462990	1/12/2024 19:02	1/13/2024 9:00	837.18	0
509233	1/12/2024 19:02	1/13/2024 9:00	837.9	0

729928	1/12/2024 19:03	1/13/2024 9:00	836.87	0
926638	1/12/2024 19:14	1/13/2024 9:00	825.87	0
1609222	1/12/2024 19:27	1/13/2024 9:00	812.18	0
274125	1/12/2024 19:28	1/13/2024 9:00	811.75	0
8604423	1/12/2024 19:53	1/12/2024 20:55	62	0
449377	1/12/2024 20:14	1/12/2024 20:57	43	0
454861	1/12/2024 20:46	1/13/2024 9:00	733.9	0
8604423	1/12/2024 20:55	1/12/2024 21:17	22	0
449377	1/12/2024 20:57	1/12/2024 21:12	15	0
350517	1/12/2024 21:00	1/13/2024 7:53	653	0
449377	1/12/2024 21:12	1/12/2024 21:44	32	0
8604423	1/12/2024 21:17	1/12/2024 21:48	31	0
1378582	1/12/2024 21:38	1/13/2024 9:00	681.02	0
449377	1/12/2024 21:44	1/12/2024 22:21	37	0
8604423	1/12/2024 21:48	1/12/2024 22:30	42	0
449377	1/12/2024 22:21	1/12/2024 23:03	42	0
8604423	1/12/2024 22:30	1/12/2024 23:02	32	0
8604423	1/12/2024 23:02	1/13/2024 1:45	163	0
449377	1/12/2024 23:03	1/12/2024 23:29	26	0
449377	1/12/2024 23:29	1/13/2024 0:21	52	0
1320619	1/13/2024 0:00	1/13/2024 9:00	539.02	0
449377	1/13/2024 0:21	1/13/2024 0:37	16	0
449377	1/13/2024 0:37	1/13/2024 1:08	31	0
345957	1/13/2024 1:05	1/13/2024 9:00	474.75	0
449377	1/13/2024 1:08	1/13/2024 1:56	48	0
8604423	1/13/2024 1:45	1/13/2024 3:35	110	0
449377	1/13/2024 1:56	1/13/2024 2:27	31	0
449377	1/13/2024 2:27	1/13/2024 2:38	11	0
449377	1/13/2024 2:38	1/13/2024 3:28	50	0
449377	1/13/2024 3:28	1/13/2024 4:34	66	0
8604423	1/13/2024 3:35	1/13/2024 3:46	11	0
8604423	1/13/2024 3:46	1/13/2024 4:42	56	0
449377	1/13/2024 4:34	1/13/2024 5:06	32	0
8604423	1/13/2024 4:42	1/13/2024 6:11	89	0
449377	1/13/2024 5:06	1/13/2024 5:16	10	0
449377	1/13/2024 5:16	1/13/2024 6:13	57	0
8604423	1/13/2024 6:11	1/13/2024 6:53	42	0
449377	1/13/2024 6:13	1/13/2024 6:24	11	0
449377	1/13/2024 6:24	1/13/2024 7:06	42	0
8604423	1/13/2024 6:53	1/13/2024 7:35	42	0
449377	1/13/2024 7:06	1/13/2024 8:04	58	0
8604423	1/13/2024 7:35	1/13/2024 8:12	37	0
8605921	1/13/2024 7:52	1/13/2024 9:00	67.75	0
350517	1/13/2024 7:53	1/13/2024 9:00	66.75	0
7518767	1/13/2024 7:54	1/13/2024 9:00	65.75	0
1565203	1/13/2024 8:04	1/13/2024 9:00	55.18	0
449377	1/13/2024 8:04	1/13/2024 8:20	16	0

8604423	1/13/2024 8:12	1/13/2024 8:22	10	0
449377	1/13/2024 8:20	1/13/2024 9:00	39.9	0
8604423	1/13/2024 8:22	1/13/2024 8:38	16	0
1093722	1/13/2024 8:26	1/13/2024 9:00	33.9	0
1093889	1/13/2024 8:29	1/13/2024 9:00	30.9	0
1433697	1/13/2024 8:32	1/13/2024 9:00	27.9	0
1432940	1/13/2024 8:32	1/13/2024 9:00	27.18	0
1433348	1/13/2024 8:32	1/13/2024 9:00	27.18	0
8604423	1/13/2024 8:38	1/13/2024 9:00	21.9	0
1436742	1/13/2024 8:39	1/13/2024 9:00	20.18	0
1466638	1/13/2024 8:44	1/13/2024 9:00	15.18	0
1351588	1/13/2024 8:46	1/13/2024 9:00	13.02	0
1469956	1/13/2024 8:47	1/13/2024 9:00	12.18	0
1469850	1/13/2024 8:48	1/13/2024 9:00	11.18	0
1469270	1/13/2024 8:49	1/13/2024 9:00	10.18	0
306565	1/13/2024 8:52	1/13/2024 9:00	7.75	0
307661	1/13/2024 8:53	1/13/2024 9:00	6.75	0
1435531	1/13/2024 9:00	1/14/2024 9:00	1439.18	0
195216	1/13/2024 9:00	1/13/2024 11:11	131	0
8766703	1/13/2024 9:00	1/14/2024 9:00	1439.43	0
1516786	1/13/2024 9:00	1/14/2024 9:00	1439.18	0
350517	1/13/2024 9:00	1/13/2024 18:57	597	0
1453263	1/13/2024 9:00	1/14/2024 9:00	1439.18	0
1349032	1/13/2024 9:00	1/14/2024 9:00	1439.02	0
1513541	1/13/2024 9:00	1/14/2024 9:00	1439.18	0
25066	1/13/2024 9:00	1/14/2024 9:00	1439.75	0
8668965	1/13/2024 9:00	1/13/2024 10:45	105	0
1333801	1/13/2024 9:00	1/13/2024 19:00	600	0
447406	1/13/2024 9:00	1/14/2024 9:00	1439.9	0
509233	1/13/2024 9:00	1/14/2024 9:00	1439.9	0
1394324	1/13/2024 9:00	1/13/2024 10:08	68	0
319279	1/13/2024 9:00	1/14/2024 9:00	1439.75	0
1552447	1/13/2024 9:00	1/14/2024 9:00	1439.18	0
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10222019	1/13/2024 9:06	1/14/2024 9:00	1433.02	0
1350104	1/13/2024 9:06	1/13/2024 19:00	594	0
6761269	1/13/2024 9:07	1/14/2024 9:00	1432.75	0
1552990	1/13/2024 9:07	1/14/2024 9:00	1432.18	0
574993	1/13/2024 9:08	1/13/2024 10:01	53	0
562202	1/13/2024 9:08	1/14/2024 9:00	1431.9	0
7518767	1/13/2024 9:08	1/13/2024 14:49	341	0
350346	1/13/2024 9:09	1/13/2024 19:00	591	0.39
8605921	1/13/2024 9:10	1/13/2024 19:09	599	0.52
1436742	1/13/2024 9:11	1/13/2024 11:59	168	0
1093889	1/13/2024 9:13	1/13/2024 14:08	295	0
539938	1/13/2024 9:14	1/13/2024 19:08	594	0
642003	1/13/2024 9:14	1/13/2024 14:08	294	0

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1444809	1/13/2024 9:15	1/13/2024 14:25	310	0.48
1466638	1/13/2024 9:15	1/13/2024 18:53	578	0
1445317	1/13/2024 9:16	1/13/2024 14:26	310	0
1093722	1/13/2024 9:18	1/13/2024 14:07	289	0
1351588	1/13/2024 9:18	1/13/2024 19:06	588	0
1567316	1/13/2024 9:19	1/13/2024 14:23	304	0
1433697	1/13/2024 9:19	1/13/2024 18:37	558	0
1494722	1/13/2024 9:20	1/13/2024 11:36	136	0.04
1565203	1/13/2024 9:22	1/13/2024 14:23	301	0.22
1393699	1/13/2024 9:22	1/13/2024 18:50	568	0.22
349467	1/13/2024 9:24	1/13/2024 19:01	577	0
350406	1/13/2024 9:25	1/13/2024 19:08	583	0
1465703	1/13/2024 9:28	1/13/2024 19:11	583	0
1321605	1/13/2024 9:30	1/13/2024 18:52	562	0.14
1417138	1/13/2024 9:30	1/13/2024 19:02	572	0
1348444	1/13/2024 9:34	1/13/2024 18:56	562	0
1349502	1/13/2024 9:34	1/13/2024 19:02	568	0
1350598	1/13/2024 9:34	1/13/2024 19:06	572	0
1680798	1/13/2024 9:34	1/13/2024 19:07	573	0
981933	1/13/2024 9:35	1/13/2024 18:52	557	0
347230	1/13/2024 9:38	1/13/2024 18:54	556	0
980398	1/13/2024 9:40	1/13/2024 15:11	331	0
926657	1/13/2024 9:43	1/13/2024 14:38	295	0
324249	1/13/2024 9:43	1/13/2024 13:55	252	0
323747	1/13/2024 9:43	1/13/2024 13:55	252	1.26
323657	1/13/2024 9:44	1/13/2024 13:56	252	0
1671958	1/13/2024 9:53	1/13/2024 11:38	105	0
1438807	1/13/2024 9:54	1/13/2024 14:22	268	0
49209	1/13/2024 9:55	1/13/2024 19:16	561	0
1439908	1/13/2024 9:56	1/13/2024 11:57	121	0
47769	1/13/2024 9:56	1/13/2024 19:12	556	0
1437279	1/13/2024 9:57	1/13/2024 11:57	120	0
1437276	1/13/2024 9:57	1/13/2024 11:58	121	0
1438878	1/13/2024 9:57	1/13/2024 11:58	121	0
574596	1/13/2024 9:59	1/13/2024 14:09	250	0
1320008	1/13/2024 10:00	1/13/2024 18:56	536	0
1469956	1/13/2024 10:01	1/13/2024 14:11	250	0
574993	1/13/2024 10:01	1/13/2024 10:06	5	0
1348300	1/13/2024 10:02	1/13/2024 18:52	530	0.08
1349338	1/13/2024 10:02	1/13/2024 18:56	534	0
1346665	1/13/2024 10:02	1/13/2024 18:56	534	0
1350499	1/13/2024 10:02	1/13/2024 18:56	534	0
1349605	1/13/2024 10:02	1/13/2024 18:58	536	0.51
1350597	1/13/2024 10:02	1/13/2024 18:56	534	0.04
1346455	1/13/2024 10:02	1/13/2024 18:58	536	0.18
1469270	1/13/2024 10:03	1/13/2024 14:09	246	0

1351539	1/13/2024 10:04	1/13/2024 19:00	536	0
1350975	1/13/2024 10:04	1/13/2024 18:54	530	0
1349244	1/13/2024 10:04	1/13/2024 18:50	526	0
1349542	1/13/2024 10:04	1/13/2024 18:50	526	0
346347	1/13/2024 10:04	1/13/2024 14:23	259	0
8734349	1/13/2024 10:04	1/13/2024 19:00	536	0.14
345957	1/13/2024 10:06	1/13/2024 14:23	257	0.35
1348773	1/13/2024 10:06	1/13/2024 18:50	524	0.28
574993	1/13/2024 10:06	1/13/2024 10:32	26	0
1348780	1/13/2024 10:06	1/13/2024 19:00	534	0.24
344958	1/13/2024 10:07	1/13/2024 14:24	257	0
1251782	1/13/2024 10:07	1/13/2024 19:08	541	0
979888	1/13/2024 10:07	1/13/2024 19:01	534	0
547577	1/13/2024 10:07	1/13/2024 14:24	257	0.97
1576533	1/13/2024 10:08	1/13/2024 19:07	539	0.09
1394324	1/13/2024 10:08	1/13/2024 15:12	304	0
346135	1/13/2024 10:08	1/13/2024 14:25	257	0
1434359	1/13/2024 10:09	1/13/2024 11:59	110	0
982261	1/13/2024 10:09	1/13/2024 18:54	525	0
1463218	1/13/2024 10:10	1/13/2024 10:25	15	0
1416360	1/13/2024 10:10	1/13/2024 19:04	534	0
1464949	1/13/2024 10:10	1/13/2024 10:28	18	0
196408	1/13/2024 10:11	1/13/2024 14:23	252	0
455994	1/13/2024 10:11	1/13/2024 11:40	89	0
817260	1/13/2024 10:11	1/13/2024 19:01	530	0.43
457978	1/13/2024 10:12	1/13/2024 19:15	543	0
1434316	1/13/2024 10:12	1/13/2024 11:57	105	0
9063373	1/13/2024 10:12	1/13/2024 16:48	396	0
449036	1/13/2024 10:12	1/13/2024 19:07	535	0.32
197629	1/13/2024 10:13	1/13/2024 14:25	252	1.06
457729	1/13/2024 10:14	1/13/2024 11:44	90	0
455345	1/13/2024 10:14	1/13/2024 11:44	90	0
456099	1/13/2024 10:14	1/13/2024 19:03	529	0
316630	1/13/2024 10:14	1/13/2024 11:48	94	0.09
1430294	1/13/2024 10:14	1/13/2024 19:04	530	0.06
455629	1/13/2024 10:14	1/13/2024 11:45	91	0
197690	1/13/2024 10:14	1/13/2024 19:03	529	0
1415828	1/13/2024 10:14	1/13/2024 14:04	230	0
454861	1/13/2024 10:14	1/13/2024 11:43	89	0.07
1394365	1/13/2024 10:14	1/13/2024 16:40	386	0
454901	1/13/2024 10:15	1/13/2024 11:40	85	0.06
197883	1/13/2024 10:15	1/13/2024 14:22	247	0
314163	1/13/2024 10:15	1/13/2024 11:05	50	0
449377	1/13/2024 10:15	1/13/2024 11:08	53	0
315752	1/13/2024 10:15	1/13/2024 11:03	48	0
313731	1/13/2024 10:16	1/13/2024 11:04	48	0
1346410	1/13/2024 10:16	1/13/2024 18:56	520	0.1

312846	1/13/2024 10:16	1/13/2024 11:45	89	0
1346671	1/13/2024 10:16	1/13/2024 19:00	524	0
315616	1/13/2024 10:16	1/13/2024 11:45	89	0.25
10371797	1/13/2024 10:17	1/13/2024 11:05	48	0
314564	1/13/2024 10:17	1/13/2024 11:05	48	0
1702895	1/13/2024 10:18	1/13/2024 18:56	518	0
315380	1/13/2024 10:19	1/13/2024 11:04	45	0
315604	1/13/2024 10:19	1/13/2024 19:04	525	0.05
264379	1/13/2024 10:23	1/13/2024 18:59	516	0
418876	1/13/2024 10:23	1/13/2024 11:37	74	0
995564	1/13/2024 10:24	1/13/2024 18:38	494	0.07
417158	1/13/2024 10:24	1/13/2024 19:03	519	0
997397	1/13/2024 10:25	1/13/2024 18:49	504	0
1463218	1/13/2024 10:25	1/13/2024 18:49	504	0
1077082	1/13/2024 10:25	1/13/2024 19:11	526	0
274125	1/13/2024 10:25	1/13/2024 11:55	90	0
8603428	1/13/2024 10:27	1/13/2024 12:54	147	0.08
1464949	1/13/2024 10:28	1/13/2024 19:06	518	0
8972545	1/13/2024 10:29	1/13/2024 19:03	514	0
197561	1/13/2024 10:30	1/13/2024 14:25	235	0
772378	1/13/2024 10:30	1/13/2024 19:20	530	0
1466445	1/13/2024 10:30	1/13/2024 14:11	221	0
1465282	1/13/2024 10:31	1/13/2024 14:12	221	0.09
574993	1/13/2024 10:32	1/13/2024 10:37	5	0
553863	1/13/2024 10:33	1/13/2024 16:01	328	0
313011	1/13/2024 10:33	1/13/2024 19:08	515	0
274059	1/13/2024 10:33	1/13/2024 20:17	584	0
1466357	1/13/2024 10:34	1/13/2024 14:09	215	0
1465391	1/13/2024 10:34	1/13/2024 14:14	220	0
304845	1/13/2024 10:35	1/13/2024 14:31	236	0
304785	1/13/2024 10:35	1/13/2024 14:31	236	0.07
7533405	1/13/2024 10:35	1/13/2024 13:06	151	0.04
251244	1/13/2024 10:36	1/13/2024 11:34	58	0
304295	1/13/2024 10:36	1/13/2024 14:32	236	0
251248	1/13/2024 10:36	1/13/2024 11:34	58	0
590897	1/13/2024 10:36	1/13/2024 19:05	509	0.22
574993	1/13/2024 10:37	1/13/2024 14:07	210	0
303030	1/13/2024 10:37	1/13/2024 19:08	511	0.63
252922	1/13/2024 10:38	1/13/2024 11:36	58	0
816722	1/13/2024 10:38	1/13/2024 18:57	499	0
415949	1/13/2024 10:38	1/13/2024 11:36	58	0
251189	1/13/2024 10:38	1/13/2024 11:36	58	0
817825	1/13/2024 10:39	1/13/2024 19:03	504	0
325050	1/13/2024 10:43	1/13/2024 10:59	16	0
571799	1/13/2024 10:44	1/13/2024 14:08	204	0
1319739	1/13/2024 10:44	1/14/2024 9:00	1335.02	0
571847	1/13/2024 10:45	1/13/2024 14:10	205	0

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8668965	1/13/2024 10:45	1/13/2024 19:04	499	0
195839	1/13/2024 10:45	1/13/2024 17:56	431	0.07
2032900	1/13/2024 10:48	1/13/2024 18:56	488	0
1515964	1/13/2024 10:53	1/13/2024 14:50	237	0
1259644	1/13/2024 10:53	1/13/2024 16:19	326	0
51957	1/13/2024 10:53	1/13/2024 19:07	494	0.39
314188	1/13/2024 10:54	1/13/2024 11:25	31	0
1027787	1/13/2024 10:54	1/13/2024 16:16	322	0
315169	1/13/2024 10:54	1/13/2024 11:26	32	0
1514677	1/13/2024 10:55	1/13/2024 18:54	479	0
1514004	1/13/2024 10:55	1/13/2024 12:58	123	0
7178975	1/13/2024 10:56	1/13/2024 11:28	32	0.12
1515678	1/13/2024 10:56	1/13/2024 18:59	483	0
1704779	1/13/2024 10:56	1/13/2024 18:52	476	0
1704232	1/13/2024 10:56	1/13/2024 19:04	488	0
315730	1/13/2024 10:56	1/13/2024 11:27	31	0.04
563721	1/13/2024 10:57	1/13/2024 14:27	210	0
324045	1/13/2024 10:57	1/13/2024 14:22	205	0
267537	1/13/2024 10:58	1/13/2024 19:11	493	0
325050	1/13/2024 10:59	1/13/2024 13:52	173	0
552210	1/13/2024 11:00	1/13/2024 14:32	212	0
313954	1/13/2024 11:03	1/13/2024 12:29	86	0
315752	1/13/2024 11:03	1/13/2024 15:24	261	0
21306	1/13/2024 11:04	1/13/2024 19:05	481	0
313731	1/13/2024 11:04	1/13/2024 12:32	88	0.12
1567514	1/13/2024 11:04	1/13/2024 14:19	195	0
315380	1/13/2024 11:04	1/13/2024 12:33	89	0
353082	1/13/2024 11:05	1/13/2024 14:35	210	0.19
314163	1/13/2024 11:05	1/13/2024 12:34	89	0
259674	1/13/2024 11:05	1/13/2024 12:34	89	0
10371797	1/13/2024 11:05	1/13/2024 12:33	88	0
314564	1/13/2024 11:05	1/13/2024 12:34	89	0.07
1493132	1/13/2024 11:06	1/13/2024 14:30	204	1.09
260516	1/13/2024 11:06	1/13/2024 11:35	29	0
353371	1/13/2024 11:06	1/13/2024 14:36	210	0.21
320966	1/13/2024 11:07	1/13/2024 18:54	467	0
353651	1/13/2024 11:07	1/13/2024 14:37	210	0
449377	1/13/2024 11:08	1/13/2024 12:00	52	0
21820	1/13/2024 11:08	1/13/2024 19:08	480	0.45
1378273	1/13/2024 11:08	1/13/2024 14:32	204	0
1375227	1/13/2024 11:08	1/13/2024 14:34	206	0
1378128	1/13/2024 11:10	1/13/2024 14:30	200	0
318815	1/13/2024 11:11	1/14/2024 9:00	1308.75	0
317768	1/13/2024 11:11	1/14/2024 9:00	1308.75	0
195216	1/13/2024 11:11	1/13/2024 12:04	53	0
196965	1/13/2024 11:12	1/13/2024 18:59	467	0.15

197356	1/13/2024 11:12	1/13/2024 19:15	483	0
127206	1/13/2024 11:12	1/14/2024 9:00	1307.75	0
1672784	1/13/2024 11:13	1/14/2024 9:00	1306.9	0.3
314945	1/13/2024 11:15	1/13/2024 19:02	467	0.32
317195	1/13/2024 11:17	1/13/2024 19:04	467	0
315345	1/13/2024 11:17	1/13/2024 14:42	205	0
353728	1/13/2024 11:17	1/13/2024 11:27	10	0
317233	1/13/2024 11:19	1/13/2024 14:40	201	0.31
378229	1/13/2024 11:20	1/13/2024 19:17	477	0
928438	1/13/2024 11:24	1/14/2024 9:00	1295.87	0
1368745	1/13/2024 11:24	1/13/2024 18:54	450	0.02
926505	1/13/2024 11:24	1/13/2024 11:40	16	0
314188	1/13/2024 11:25	1/13/2024 11:41	16	0
926638	1/13/2024 11:25	1/13/2024 11:40	15	0
926503	1/13/2024 11:26	1/13/2024 11:41	15	0
315169	1/13/2024 11:26	1/13/2024 11:41	15	0
500173	1/13/2024 11:27	1/13/2024 18:58	451	0.53
315730	1/13/2024 11:27	1/13/2024 14:20	173	0.63
498070	1/13/2024 11:27	1/13/2024 19:08	461	0
353728	1/13/2024 11:27	1/13/2024 14:41	194	0
7178975	1/13/2024 11:28	1/13/2024 11:38	10	0.12
1446785	1/13/2024 11:30	1/13/2024 13:25	115	0.21
1518000	1/13/2024 11:31	1/14/2024 9:00	1288.18	0
567126	1/13/2024 11:32	1/13/2024 13:28	116	0
564518	1/13/2024 11:32	1/13/2024 13:28	116	0
1093833	1/13/2024 11:34	1/13/2024 13:26	112	0
251244	1/13/2024 11:34	1/13/2024 12:16	42	0
251248	1/13/2024 11:34	1/13/2024 12:16	42	0
260516	1/13/2024 11:35	1/13/2024 12:19	44	0
251189	1/13/2024 11:36	1/13/2024 15:32	236	0
1494722	1/13/2024 11:36	1/13/2024 14:46	190	0.21
415949	1/13/2024 11:36	1/13/2024 11:52	16	0
252922	1/13/2024 11:36	1/13/2024 12:18	42	0
416557	1/13/2024 11:36	1/13/2024 11:52	16	0
418876	1/13/2024 11:37	1/13/2024 11:52	15	0
10628562	1/13/2024 11:37	1/14/2024 9:00	1282.18	0
7178975	1/13/2024 11:38	1/13/2024 12:25	47	0
1671958	1/13/2024 11:38	1/13/2024 11:54	16	0
455994	1/13/2024 11:40	1/13/2024 11:56	16	0
1595351	1/13/2024 11:40	1/14/2024 9:00	1279.18	0
926638	1/13/2024 11:40	1/13/2024 13:05	85	0
926505	1/13/2024 11:40	1/13/2024 19:08	448	0.05
7902724	1/13/2024 11:40	1/13/2024 12:27	47	0
454901	1/13/2024 11:40	1/13/2024 11:56	16	0.03
1609415	1/13/2024 11:40	1/14/2024 9:00	1279.18	0
314188	1/13/2024 11:41	1/13/2024 12:23	42	0
315169	1/13/2024 11:41	1/13/2024 12:24	43	0

926503	1/13/2024 11:41	1/13/2024 13:05	84	0
927251	1/13/2024 11:42	1/13/2024 13:06	84	0
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457729	1/13/2024 11:44	1/13/2024 11:59	15	0
455345	1/13/2024 11:44	1/13/2024 11:59	15	0
8206792	1/13/2024 11:44	1/13/2024 14:27	163	0
638816	1/13/2024 11:44	1/13/2024 11:59	15	0
639074	1/13/2024 11:45	1/13/2024 12:01	16	0
455629	1/13/2024 11:45	1/13/2024 11:59	14	0
639221	1/13/2024 11:45	1/13/2024 12:00	15	0
315616	1/13/2024 11:45	1/13/2024 12:32	47	0.07
312846	1/13/2024 11:45	1/13/2024 12:32	47	0
639125	1/13/2024 11:46	1/13/2024 12:02	16	0
316630	1/13/2024 11:48	1/13/2024 15:29	221	0.17
418291	1/13/2024 11:51	1/13/2024 12:07	16	0
317797	1/13/2024 11:51	1/13/2024 15:21	210	0
415949	1/13/2024 11:52	1/13/2024 12:08	16	0
418876	1/13/2024 11:52	1/13/2024 12:08	16	0
416557	1/13/2024 11:52	1/13/2024 12:08	16	0
8495802	1/13/2024 11:52	1/13/2024 12:23	31	0
1450250	1/13/2024 11:53	1/13/2024 14:25	152	0
456084	1/13/2024 11:54	1/13/2024 13:03	69	0
1671958	1/13/2024 11:54	1/13/2024 19:05	431	0
456048	1/13/2024 11:55	1/13/2024 13:03	68	0
274125	1/13/2024 11:55	1/13/2024 14:25	150	0
281235	1/13/2024 11:56	1/13/2024 19:13	437	0
455994	1/13/2024 11:56	1/13/2024 12:17	21	0
454901	1/13/2024 11:56	1/13/2024 12:11	15	0.03
275018	1/13/2024 11:56	1/13/2024 14:23	147	0
10393495	1/13/2024 11:57	1/13/2024 14:24	147	0
1439908	1/13/2024 11:57	1/13/2024 14:19	142	0
1437279	1/13/2024 11:57	1/13/2024 14:19	142	0
1434316	1/13/2024 11:57	1/13/2024 14:19	142	0
1438878	1/13/2024 11:58	1/13/2024 14:20	142	0
1437276	1/13/2024 11:58	1/13/2024 14:19	141	0
638816	1/13/2024 11:59	1/13/2024 12:31	32	0
457729	1/13/2024 11:59	1/13/2024 12:10	11	0
455345	1/13/2024 11:59	1/13/2024 12:10	11	0
455629	1/13/2024 11:59	1/13/2024 19:08	429	0
1436742	1/13/2024 11:59	1/13/2024 14:21	142	0
1434359	1/13/2024 11:59	1/13/2024 14:22	143	0
639221	1/13/2024 12:00	1/13/2024 12:32	32	0
449377	1/13/2024 12:00	1/13/2024 12:48	48	0
639074	1/13/2024 12:01	1/13/2024 12:32	31	0
639125	1/13/2024 12:02	1/13/2024 15:37	215	0
611363	1/13/2024 12:03	1/13/2024 19:13	430	0.06
195216	1/13/2024 12:04	1/13/2024 14:57	173	0

418291	1/13/2024 12:07	1/13/2024 19:12	425	0
416557	1/13/2024 12:08	1/13/2024 14:30	142	0
418876	1/13/2024 12:08	1/13/2024 19:06	418	0
415949	1/13/2024 12:08	1/13/2024 19:02	414	0
457729	1/13/2024 12:10	1/13/2024 19:17	427	0
328113	1/13/2024 12:10	1/13/2024 18:59	409	0
455345	1/13/2024 12:10	1/13/2024 19:15	425	0
454901	1/13/2024 12:11	1/13/2024 19:11	420	0.11
1421188	1/13/2024 12:14	1/13/2024 19:00	406	0
251244	1/13/2024 12:16	1/13/2024 15:30	194	0
251248	1/13/2024 12:16	1/13/2024 15:31	195	0.01
455994	1/13/2024 12:17	1/13/2024 14:38	141	0
252922	1/13/2024 12:18	1/13/2024 15:32	194	0
260516	1/13/2024 12:19	1/13/2024 19:03	404	0.01
8495802	1/13/2024 12:23	1/13/2024 14:03	100	0
314188	1/13/2024 12:23	1/13/2024 14:18	115	0
315169	1/13/2024 12:24	1/13/2024 14:19	115	0
7178975	1/13/2024 12:25	1/13/2024 14:21	116	0
7902724	1/13/2024 12:27	1/13/2024 14:49	142	0
8068454	1/13/2024 12:28	1/13/2024 15:21	173	0
313954	1/13/2024 12:29	1/13/2024 15:27	178	0
561757	1/13/2024 12:30	1/13/2024 19:04	394	0
638816	1/13/2024 12:31	1/13/2024 15:42	191	0
558031	1/13/2024 12:31	1/13/2024 19:05	394	0
315616	1/13/2024 12:32	1/13/2024 15:25	173	0.01
312846	1/13/2024 12:32	1/13/2024 15:25	173	0
639074	1/13/2024 12:32	1/13/2024 15:41	189	0
639221	1/13/2024 12:32	1/13/2024 15:41	189	0
313731	1/13/2024 12:32	1/13/2024 15:25	173	0
315380	1/13/2024 12:33	1/13/2024 15:27	174	0
10371797	1/13/2024 12:33	1/13/2024 15:27	174	0
803317	1/13/2024 12:34	1/14/2024 9:00	1225.87	0
314163	1/13/2024 12:34	1/13/2024 15:25	171	0
259674	1/13/2024 12:34	1/14/2024 9:00	1225.75	0
314564	1/13/2024 12:34	1/13/2024 15:27	173	0
425936	1/13/2024 12:35	1/14/2024 9:00	1224.9	0
428179	1/13/2024 12:37	1/14/2024 9:00	1222.9	0
423930	1/13/2024 12:41	1/14/2024 9:00	1218.9	0
914462	1/13/2024 12:45	1/14/2024 9:00	1214.87	0
916441	1/13/2024 12:46	1/14/2024 9:00	1213.87	0
1081237	1/13/2024 12:47	1/13/2024 19:16	389	0
449377	1/13/2024 12:48	1/13/2024 13:09	21	0
1433348	1/13/2024 12:54	1/13/2024 18:56	362	0
8603428	1/13/2024 12:54	1/14/2024 9:00	1205.75	0
1431752	1/13/2024 12:58	1/13/2024 13:08	10	0
1514004	1/13/2024 12:58	1/14/2024 9:00	1201.18	0
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9524954	1/13/2024 13:01	1/13/2024 15:16	135	0
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1609484	1/13/2024 13:01	1/14/2024 9:00	1198.18	0
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456084	1/13/2024 13:03	1/14/2024 9:00	1196.9	0
456048	1/13/2024 13:03	1/14/2024 9:00	1196.9	0
1610090	1/13/2024 13:03	1/13/2024 14:46	103	0
926503	1/13/2024 13:05	1/14/2024 9:00	1194.87	0
926638	1/13/2024 13:05	1/14/2024 9:00	1194.87	0
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449377	1/13/2024 13:09	1/13/2024 13:56	47	0
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1446785	1/13/2024 13:25	1/13/2024 19:12	347	0
1093833	1/13/2024 13:26	1/13/2024 14:29	63	0
370776	1/13/2024 13:27	1/14/2024 9:00	1172.9	0
1671261	1/13/2024 13:28	1/14/2024 9:00	1171.9	0
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567126	1/13/2024 13:28	1/13/2024 14:25	57	0
1343695	1/13/2024 13:30	1/13/2024 18:54	324	0
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1670039	1/13/2024 13:45	1/13/2024 19:11	326	0
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449377	1/13/2024 13:56	1/13/2024 15:09	73	0
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574993	1/13/2024 14:07	1/13/2024 14:12	5	0
1093722	1/13/2024 14:07	1/13/2024 14:23	16	0
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325050	1/13/2024 14:08	1/13/2024 14:23	15	0

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7879030	1/13/2024 14:12	1/13/2024 14:27	15	0
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197629	1/13/2024 14:25	1/13/2024 14:40	15	0
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346135	1/13/2024 14:25	1/13/2024 19:03	278	0
1469270	1/13/2024 14:25	1/13/2024 14:41	16	0
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1509487	1/13/2024 14:26	1/13/2024 14:42	16	0
646026	1/13/2024 14:26	1/13/2024 19:04	278	0
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7533405	1/13/2024 14:31	1/13/2024 14:57	26	0
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1434316	1/13/2024 14:34	1/13/2024 18:57	263	0
1567514	1/13/2024 14:34	1/13/2024 18:57	263	0
315169	1/13/2024 14:35	1/13/2024 19:02	267	0
729928	1/13/2024 14:35	1/13/2024 14:51	16	0
1437276	1/13/2024 14:35	1/13/2024 18:57	262	0
1437279	1/13/2024 14:35	1/13/2024 19:08	273	0
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197561	1/13/2024 14:36	1/13/2024 19:03	267	0
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197883	1/13/2024 14:37	1/13/2024 19:05	268	0
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7178975	1/13/2024 14:37	1/13/2024 19:10	273	0
1434359	1/13/2024 14:37	1/13/2024 18:28	231	0
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1438878	1/13/2024 14:38	1/13/2024 18:53	255	0
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1431804	1/13/2024 14:38	1/13/2024 19:00	262	0
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1093722	1/13/2024 14:39	1/13/2024 19:01	262	0
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317233	1/13/2024 14:40	1/13/2024 18:55	255	0
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197629	1/13/2024 14:40	1/13/2024 19:18	278	0
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353728	1/13/2024 14:41	1/13/2024 19:09	268	0

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1466445	1/13/2024 14:42	1/13/2024 19:10	268	0
1451744	1/13/2024 14:42	1/13/2024 18:59	257	0
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315345	1/13/2024 14:42	1/13/2024 19:05	263	0
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1509487	1/13/2024 14:42	1/13/2024 18:59	257	0
315346	1/13/2024 14:43	1/13/2024 19:05	262	0
381982	1/13/2024 14:43	1/13/2024 23:07	504	0
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6995795	1/13/2024 14:43	1/13/2024 23:02	499	0
1523524	1/13/2024 14:43	1/13/2024 15:02	19	0
380057	1/13/2024 14:43	1/13/2024 23:04	501	0
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416557	1/13/2024 14:45	1/13/2024 18:57	252	0
1514000	1/13/2024 14:45	1/13/2024 18:46	241	0
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1610090	1/13/2024 14:46	1/13/2024 18:47	241	0
1494722	1/13/2024 14:46	1/13/2024 19:08	262	0
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346185	1/13/2024 14:50	1/13/2024 18:57	247	0
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729928	1/13/2024 14:51	1/13/2024 19:09	258	0
324045	1/13/2024 14:53	1/13/2024 19:00	247	0
346347	1/13/2024 14:53	1/13/2024 19:05	252	0
199337	1/13/2024 14:53	1/13/2024 19:08	255	0
574993	1/13/2024 14:54	1/13/2024 15:00	6	0
574596	1/13/2024 14:54	1/13/2024 19:13	259	0
345957	1/13/2024 14:55	1/13/2024 19:01	246	0

325050	1/13/2024 14:55	1/13/2024 18:51	236	0
344958	1/13/2024 14:56	1/13/2024 19:02	246	0
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195216	1/13/2024 14:57	1/13/2024 22:02	425	0
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574993	1/13/2024 15:00	1/13/2024 15:26	26	0
304845	1/13/2024 15:02	1/13/2024 19:14	252	0
304785	1/13/2024 15:02	1/13/2024 19:04	242	0
7533405	1/13/2024 15:02	1/13/2024 19:30	268	0
1523524	1/13/2024 15:02	1/13/2024 19:00	238	0
275018	1/13/2024 15:05	1/13/2024 19:03	238	0
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317797	1/13/2024 15:21	1/13/2024 19:02	221	0
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314163	1/13/2024 15:25	1/13/2024 19:11	226	0
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316630	1/13/2024 15:29	1/13/2024 19:09	220	0
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251248	1/13/2024 15:31	1/13/2024 18:55	204	0
574993	1/13/2024 15:31	1/14/2024 9:00	1048.9	0
56060	1/13/2024 15:32	1/13/2024 19:07	215	0
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639125	1/13/2024 15:37	1/13/2024 16:19	42	0
639221	1/13/2024 15:41	1/13/2024 19:05	204	0
639074	1/13/2024 15:41	1/13/2024 19:06	205	0
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449377	1/13/2024 15:51	1/13/2024 16:02	11	0
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321310	1/13/2024 15:57	1/13/2024 18:50	173	0
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304345	1/13/2024 16:03	1/13/2024 18:57	174	0
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1683861	1/13/2024 16:20	1/13/2024 19:59	219	0
449377	1/13/2024 16:28	1/13/2024 17:36	68	0
1394324	1/13/2024 16:40	1/13/2024 17:48	68	0
1394365	1/13/2024 16:40	1/13/2024 17:50	70	0
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8511623	1/13/2024 17:36	1/13/2024 19:00	84	0
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567126	1/13/2024 17:49	1/14/2024 9:00	910.9	0
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1093833	1/13/2024 17:52	1/14/2024 9:00	907.9	0
195839	1/13/2024 17:56	1/14/2024 9:00	903.75	0

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995564	1/13/2024 18:38	1/14/2024 9:00	861.43	0
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1405153	1/13/2024 18:40	1/14/2024 9:00	859.02	0
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1597556	1/13/2024 18:46	1/14/2024 9:00	853.18	0
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997397	1/13/2024 18:49	1/14/2024 9:00	850.43	0
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1349542	1/13/2024 18:50	1/14/2024 9:00	849.02	0
323657	1/13/2024 18:50	1/14/2024 9:00	849.75	0
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1321605	1/13/2024 18:52	1/14/2024 9:00	847.02	0
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41508	1/13/2024 18:53	1/14/2024 9:00	846.75	0
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315752	1/13/2024 18:54	1/14/2024 9:00	845.75	0
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1446401	1/13/2024 18:54	1/14/2024 9:00	845.18	0

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320966	1/13/2024 18:54	1/14/2024 9:00	845.75	0
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1343695	1/13/2024 18:54	1/14/2024 9:00	845.02	0
251244	1/13/2024 18:54	1/14/2024 9:00	845.75	0
323747	1/13/2024 18:54	1/14/2024 9:00	845.75	0
324249	1/13/2024 18:54	1/14/2024 9:00	845.75	0
1368745	1/13/2024 18:54	1/14/2024 9:00	845.02	0
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1509486	1/13/2024 18:55	1/14/2024 9:00	844.18	0
251248	1/13/2024 18:55	1/14/2024 9:00	844.75	0
317233	1/13/2024 18:55	1/14/2024 9:00	844.75	0
571143	1/13/2024 18:55	1/14/2024 9:00	844.9	0
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2032900	1/13/2024 18:56	1/14/2024 9:00	843.02	0
1433348	1/13/2024 18:56	1/14/2024 7:54	778	0
1350499	1/13/2024 18:56	1/14/2024 9:00	843.02	0
1320008	1/13/2024 18:56	1/14/2024 9:00	843.02	0
1702895	1/13/2024 18:56	1/14/2024 9:00	843.02	0
1349338	1/13/2024 18:56	1/14/2024 9:00	843.02	0
1348444	1/13/2024 18:56	1/14/2024 9:00	843.02	0
1350597	1/13/2024 18:56	1/14/2024 9:00	843.02	0
1346665	1/13/2024 18:56	1/14/2024 9:00	843.02	0
1512146	1/13/2024 18:56	1/14/2024 9:00	843.18	0
350517	1/13/2024 18:57	1/14/2024 8:04	787	0
571799	1/13/2024 18:57	1/14/2024 9:00	842.9	0
304345	1/13/2024 18:57	1/14/2024 9:00	842.75	0
547577	1/13/2024 18:57	1/14/2024 9:00	842.75	0
816722	1/13/2024 18:57	1/14/2024 9:00	842.87	0
1434316	1/13/2024 18:57	1/14/2024 9:00	842.18	0
219948	1/13/2024 18:57	1/14/2024 9:00	842.75	0
1567514	1/13/2024 18:57	1/14/2024 9:00	842.18	0
1437276	1/13/2024 18:57	1/14/2024 9:00	842.18	0
346185	1/13/2024 18:57	1/14/2024 9:00	842.75	0
571420	1/13/2024 18:57	1/14/2024 9:00	842.9	0
416557	1/13/2024 18:57	1/14/2024 9:00	842.9	0
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571847	1/13/2024 18:58	1/14/2024 9:00	841.9	0
1466357	1/13/2024 18:58	1/14/2024 9:00	841.18	0
1346455	1/13/2024 18:58	1/14/2024 9:00	841.02	0
573050	1/13/2024 18:59	1/14/2024 9:00	840.9	0
264379	1/13/2024 18:59	1/14/2024 9:00	840.75	0
196965	1/13/2024 18:59	1/14/2024 9:00	840.75	0
328113	1/13/2024 18:59	1/14/2024 9:00	840.75	0

1451744	1/13/2024 18:59	1/14/2024 9:00	840.18	0
1509487	1/13/2024 18:59	1/14/2024 9:00	840.18	0
1515678	1/13/2024 18:59	1/14/2024 9:00	840.18	0
8206792	1/13/2024 18:59	1/14/2024 9:00	840.18	0
1310926	1/13/2024 19:00	1/14/2024 9:00	839.02	0
8511623	1/13/2024 19:00	1/14/2024 9:00	839.75	0
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8734349	1/13/2024 19:00	1/14/2024 9:00	839.02	0
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1348780	1/13/2024 19:00	1/14/2024 9:00	839.02	0
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324045	1/13/2024 19:00	1/14/2024 9:00	839.75	0
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350346	1/13/2024 19:00	1/14/2024 9:00	839.75	0
1351539	1/13/2024 19:00	1/14/2024 9:00	839.02	0
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1421188	1/13/2024 19:00	1/14/2024 9:00	839.02	0
1431804	1/13/2024 19:00	1/14/2024 9:00	839.18	0
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349467	1/13/2024 19:01	1/14/2024 9:00	838.75	0
345957	1/13/2024 19:01	1/14/2024 9:00	838.75	0
979888	1/13/2024 19:01	1/14/2024 8:16	795	0
817260	1/13/2024 19:01	1/14/2024 9:00	838.87	0
1093722	1/13/2024 19:01	1/14/2024 8:19	798	0
199354	1/13/2024 19:02	1/14/2024 9:00	837.75	0
314188	1/13/2024 19:02	1/14/2024 9:00	837.75	0
344958	1/13/2024 19:02	1/14/2024 9:00	837.75	0
54324	1/13/2024 19:02	1/14/2024 9:00	837.75	0
1349502	1/13/2024 19:02	1/14/2024 9:00	837.02	0
1417138	1/13/2024 19:02	1/14/2024 9:00	837.02	0
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317797	1/13/2024 19:02	1/14/2024 9:00	837.75	0
8486022	1/13/2024 19:02	1/14/2024 9:00	837.18	0
196408	1/13/2024 19:02	1/14/2024 9:00	837.75	0
8495802	1/13/2024 19:02	1/14/2024 9:00	837.18	0
314945	1/13/2024 19:02	1/14/2024 9:00	837.75	0
314564	1/13/2024 19:02	1/14/2024 9:00	837.75	0
415949	1/13/2024 19:02	1/14/2024 9:00	837.9	0
6961293	1/13/2024 19:02	1/14/2024 9:00	837.75	0
353651	1/13/2024 19:02	1/14/2024 9:00	837.75	0
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197690	1/13/2024 19:03	1/14/2024 9:00	836.75	0
456099	1/13/2024 19:03	1/14/2024 9:00	836.9	0
197561	1/13/2024 19:03	1/14/2024 9:00	836.75	0
817825	1/13/2024 19:03	1/14/2024 9:00	836.87	0

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572916	1/13/2024 19:03	1/14/2024 9:00	836.9	0
346135	1/13/2024 19:03	1/14/2024 9:00	836.75	0
417158	1/13/2024 19:03	1/14/2024 9:00	836.9	0
275018	1/13/2024 19:03	1/14/2024 9:00	836.75	0
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1430294	1/13/2024 19:04	1/14/2024 9:00	835.18	0
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1704232	1/13/2024 19:04	1/14/2024 9:00	835.02	0
304785	1/13/2024 19:04	1/14/2024 9:00	835.75	0
8668965	1/13/2024 19:04	1/14/2024 9:00	835.9	0
561757	1/13/2024 19:04	1/14/2024 9:00	835.9	0
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317195	1/13/2024 19:04	1/14/2024 9:00	835.75	0
346347	1/13/2024 19:05	1/14/2024 9:00	834.75	0
1671958	1/13/2024 19:05	1/14/2024 9:00	834.9	0
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570022	1/13/2024 19:05	1/14/2024 9:00	834.9	0
315345	1/13/2024 19:05	1/14/2024 9:00	834.75	0
639221	1/13/2024 19:05	1/14/2024 8:55	830	0
1430553	1/13/2024 19:05	1/14/2024 9:00	834.18	0
590897	1/13/2024 19:05	1/14/2024 9:00	834.9	0
926657	1/13/2024 19:05	1/14/2024 9:00	834.87	0
197883	1/13/2024 19:05	1/14/2024 9:00	834.75	0
21306	1/13/2024 19:05	1/14/2024 9:00	834.75	0
806370	1/13/2024 19:05	1/14/2024 9:00	834.87	0
561758	1/13/2024 19:05	1/14/2024 9:00	834.9	0
315346	1/13/2024 19:05	1/14/2024 9:00	834.75	0
11120838	1/13/2024 19:05	1/14/2024 9:00	834.75	0
510307	1/13/2024 19:06	1/14/2024 9:00	833.9	0
315616	1/13/2024 19:06	1/14/2024 9:00	833.75	0
1375227	1/13/2024 19:06	1/14/2024 9:00	833.02	0
418876	1/13/2024 19:06	1/14/2024 9:00	833.9	0
7518767	1/13/2024 19:06	1/14/2024 9:00	833.75	0
1350598	1/13/2024 19:06	1/14/2024 9:00	833.02	0
7902724	1/13/2024 19:06	1/14/2024 8:35	809	0
449377	1/13/2024 19:06	1/13/2024 19:32	26	0
639074	1/13/2024 19:06	1/14/2024 9:00	833.9	0
1445317	1/13/2024 19:06	1/14/2024 9:00	833.18	0
1351588	1/13/2024 19:06	1/14/2024 8:40	814	0
563241	1/13/2024 19:06	1/14/2024 9:00	833.9	0
1464949	1/13/2024 19:06	1/14/2024 9:00	833.18	0
588892	1/13/2024 19:07	1/14/2024 9:00	832.9	0
449036	1/13/2024 19:07	1/14/2024 9:00	832.9	0

51957	1/13/2024 19:07	1/14/2024 9:00	832.75	0
10393495	1/13/2024 19:07	1/14/2024 9:00	832.75	0
313954	1/13/2024 19:07	1/14/2024 9:00	832.75	0
56060	1/13/2024 19:07	1/14/2024 9:00	832.75	0
1576533	1/13/2024 19:07	1/14/2024 9:00	832.18	0
1680798	1/13/2024 19:07	1/14/2024 7:59	772	0
8621797	1/13/2024 19:07	1/14/2024 9:00	832.75	0
551972	1/13/2024 19:07	1/14/2024 9:00	832.9	0
1251782	1/13/2024 19:08	1/14/2024 9:00	831.87	0
1376158	1/13/2024 19:08	1/14/2024 9:00	831.02	0
350406	1/13/2024 19:08	1/14/2024 9:00	831.75	0
1437279	1/13/2024 19:08	1/14/2024 9:00	831.18	0
498070	1/13/2024 19:08	1/14/2024 9:00	831.9	0
455629	1/13/2024 19:08	1/14/2024 9:00	831.9	0
303030	1/13/2024 19:08	1/14/2024 9:00	831.75	0
1469270	1/13/2024 19:08	1/14/2024 9:00	831.18	0
926505	1/13/2024 19:08	1/14/2024 9:00	831.87	0
1450250	1/13/2024 19:08	1/14/2024 9:00	831.18	0
1439908	1/13/2024 19:08	1/14/2024 9:00	831.18	0
313011	1/13/2024 19:08	1/14/2024 9:00	831.75	0
21820	1/13/2024 19:08	1/14/2024 9:00	831.75	0
539938	1/13/2024 19:08	1/14/2024 9:00	831.9	0
1494722	1/13/2024 19:08	1/14/2024 9:00	831.02	0
353082	1/13/2024 19:08	1/14/2024 9:00	831.75	0
1465391	1/13/2024 19:08	1/14/2024 8:10	782	0
199337	1/13/2024 19:08	1/14/2024 9:00	831.75	0
353728	1/13/2024 19:09	1/14/2024 9:00	830.75	0
729928	1/13/2024 19:09	1/14/2024 9:00	830.87	0
315730	1/13/2024 19:09	1/14/2024 9:00	830.75	0
8605921	1/13/2024 19:09	1/14/2024 9:00	830.75	0
645339	1/13/2024 19:09	1/14/2024 9:00	830.9	0
10659831	1/13/2024 19:09	1/14/2024 9:00	830.18	0
316630	1/13/2024 19:09	1/14/2024 9:00	830.75	0
454861	1/13/2024 19:09	1/14/2024 9:00	830.9	0
563721	1/13/2024 19:10	1/14/2024 9:00	829.9	0
1430838	1/13/2024 19:10	1/14/2024 9:00	829.18	0
304295	1/13/2024 19:10	1/14/2024 9:00	829.75	0
552210	1/13/2024 19:10	1/14/2024 9:00	829.9	0
500145	1/13/2024 19:10	1/14/2024 9:00	829.9	0
274125	1/13/2024 19:10	1/14/2024 9:00	829.75	0
1466445	1/13/2024 19:10	1/14/2024 7:54	764	0
7178975	1/13/2024 19:10	1/14/2024 9:00	829.75	0
572882	1/13/2024 19:10	1/14/2024 9:00	829.9	0
638816	1/13/2024 19:10	1/14/2024 8:55	825	0
511266	1/13/2024 19:11	1/14/2024 9:00	828.9	0
1465282	1/13/2024 19:11	1/14/2024 8:12	781	0
1465703	1/13/2024 19:11	1/14/2024 9:00	828.18	0

313731	1/13/2024 19:11	1/14/2024 9:00	828.75	0
314163	1/13/2024 19:11	1/14/2024 9:00	828.75	0
454901	1/13/2024 19:11	1/14/2024 9:00	828.9	0
507365	1/13/2024 19:11	1/14/2024 9:00	828.9	0
1077082	1/13/2024 19:11	1/14/2024 9:00	828.9	0
562856	1/13/2024 19:11	1/14/2024 9:00	828.9	0
1670039	1/13/2024 19:11	1/14/2024 9:00	828.9	0
267537	1/13/2024 19:11	1/14/2024 9:00	828.75	0
47769	1/13/2024 19:12	1/14/2024 9:00	827.75	0
418291	1/13/2024 19:12	1/14/2024 9:00	827.9	0
10371797	1/13/2024 19:12	1/14/2024 9:00	827.75	0
1446785	1/13/2024 19:12	1/14/2024 9:00	827.18	0
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549237	1/13/2024 19:13	1/14/2024 9:00	826.9	0
252922	1/13/2024 19:13	1/14/2024 9:00	826.75	0
611363	1/13/2024 19:13	1/14/2024 9:00	826.9	0
574596	1/13/2024 19:13	1/14/2024 9:00	826.9	0
281235	1/13/2024 19:13	1/14/2024 9:00	826.75	0
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353371	1/13/2024 19:14	1/14/2024 9:00	825.75	0
549370	1/13/2024 19:14	1/14/2024 9:00	825.9	0
500322	1/13/2024 19:14	1/14/2024 9:00	825.9	0
457978	1/13/2024 19:15	1/14/2024 9:00	824.9	0
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455345	1/13/2024 19:15	1/14/2024 9:00	824.9	0
49209	1/13/2024 19:16	1/14/2024 9:00	823.75	0
1081237	1/13/2024 19:16	1/14/2024 9:00	823.9	0
553755	1/13/2024 19:16	1/14/2024 9:00	823.9	0
413869	1/13/2024 19:17	1/14/2024 9:00	822.9	0
455994	1/13/2024 19:17	1/14/2024 9:00	822.9	0
378229	1/13/2024 19:17	1/14/2024 9:00	822.9	0
457729	1/13/2024 19:17	1/14/2024 9:00	822.9	0
642003	1/13/2024 19:18	1/14/2024 9:00	821.9	0
251189	1/13/2024 19:18	1/14/2024 9:00	821.75	0
197629	1/13/2024 19:18	1/14/2024 9:00	821.75	0
772378	1/13/2024 19:20	1/14/2024 9:00	819.9	0
8068454	1/13/2024 19:22	1/14/2024 9:00	817.9	0
7533405	1/13/2024 19:30	1/14/2024 9:00	809.75	0
449377	1/13/2024 19:32	1/13/2024 19:58	26	0
449377	1/13/2024 19:58	1/13/2024 20:35	37	0
1683861	1/13/2024 19:59	1/14/2024 9:00	780.75	0
160073	1/13/2024 20:06	1/14/2024 9:00	773.43	0
274059	1/13/2024 20:17	1/14/2024 9:00	762.75	0
449377	1/13/2024 20:35	1/13/2024 22:04	89	0
195216	1/13/2024 22:02	1/14/2024 9:00	657.75	0
449377	1/13/2024 22:04	1/14/2024 0:34	150	0
1320619	1/13/2024 22:18	1/14/2024 9:00	641.02	0

1320646	1/13/2024 22:30	1/14/2024 9:00	629.02	0
6995795	1/13/2024 23:02	1/14/2024 9:00	597.9	0
7879030	1/13/2024 23:03	1/14/2024 9:00	596.9	0
380057	1/13/2024 23:04	1/14/2024 9:00	595.9	0
8910809	1/13/2024 23:07	1/14/2024 9:00	592.9	0
381982	1/13/2024 23:07	1/14/2024 9:00	592.9	0
449377	1/14/2024 0:34	1/14/2024 1:21	47	0
449377	1/14/2024 1:21	1/14/2024 1:58	37	0
449377	1/14/2024 1:58	1/14/2024 2:45	47	0
553863	1/14/2024 2:00	1/14/2024 9:00	419.9	0
639125	1/14/2024 2:23	1/14/2024 8:52	389	0
449377	1/14/2024 2:45	1/14/2024 4:09	84	0
1394365	1/14/2024 2:48	1/14/2024 9:00	371.02	0
1394324	1/14/2024 2:48	1/14/2024 9:00	371.02	0
449377	1/14/2024 4:09	1/14/2024 5:01	52	0
449377	1/14/2024 5:01	1/14/2024 5:38	37	0
449377	1/14/2024 5:38	1/14/2024 5:54	16	0
449377	1/14/2024 5:54	1/14/2024 7:08	74	0
449377	1/14/2024 7:08	1/14/2024 7:28	20	0
449377	1/14/2024 7:28	1/14/2024 8:00	32	0
1432940	1/14/2024 7:54	1/14/2024 9:00	65.18	0
1466445	1/14/2024 7:54	1/14/2024 9:00	65.18	0
1433348	1/14/2024 7:54	1/14/2024 9:00	65.18	0
347230	1/14/2024 7:57	1/14/2024 9:00	62.75	0
1680798	1/14/2024 7:59	1/14/2024 9:00	60.75	0
449377	1/14/2024 8:00	1/14/2024 8:47	47	0
350517	1/14/2024 8:04	1/14/2024 9:00	55.75	0
1465391	1/14/2024 8:10	1/14/2024 9:00	49.18	0
1433697	1/14/2024 8:11	1/14/2024 9:00	48.9	0
1465282	1/14/2024 8:12	1/14/2024 9:00	47.18	0
979888	1/14/2024 8:16	1/14/2024 9:00	43.43	0
982261	1/14/2024 8:18	1/14/2024 9:00	41.43	0
1093722	1/14/2024 8:19	1/14/2024 9:00	40.9	0
1093889	1/14/2024 8:20	1/14/2024 9:00	39.9	0
1466638	1/14/2024 8:22	1/14/2024 9:00	37.18	0
658642	1/14/2024 8:26	1/14/2024 9:00	33.87	0
1609222	1/14/2024 8:33	1/14/2024 9:00	26.18	0
7902724	1/14/2024 8:35	1/14/2024 9:00	24.75	0
1351588	1/14/2024 8:40	1/14/2024 9:00	19.02	0
1654064	1/14/2024 8:46	1/14/2024 9:00	13.43	0
449377	1/14/2024 8:47	1/14/2024 9:00	12.9	0
639125	1/14/2024 8:52	1/14/2024 9:00	7.9	0
638816	1/14/2024 8:55	1/14/2024 9:00	4.9	0
639221	1/14/2024 8:55	1/14/2024 9:00	4.9	0
319279	1/14/2024 9:00	1/14/2024 11:37	157	0
562202	1/14/2024 9:00	1/15/2024 9:00	1439.9	0
1333801	1/14/2024 9:00	1/14/2024 10:14	74	0

1394324	1/14/2024 9:00	1/14/2024 10:40	100	0
6761269	1/14/2024 9:00	1/14/2024 10:30	90	0
1513541	1/14/2024 9:00	1/15/2024 9:00	1439.18	0
10222019	1/14/2024 9:00	1/15/2024 9:00	1439.02	0
1516786	1/14/2024 9:00	1/15/2024 9:00	1439.18	0
25066	1/14/2024 9:00	1/15/2024 9:00	1439.75	0
1552447	1/14/2024 9:00	1/15/2024 9:00	1439.18	0
195216	1/14/2024 9:00	1/15/2024 9:00	1439.75	0
509233	1/14/2024 9:00	1/15/2024 9:00	1439.9	0
8766703	1/14/2024 9:00	1/15/2024 9:00	1439.43	0
997397	1/14/2024 9:00	1/14/2024 10:19	79	0
8668965	1/14/2024 9:00	1/14/2024 11:09	129	0
447406	1/14/2024 9:00	1/15/2024 9:00	1439.9	0
353728	1/14/2024 9:00	1/15/2024 9:00	1439.75	0
574993	1/14/2024 9:00	1/14/2024 10:09	69	0
1671958	1/14/2024 9:00	1/15/2024 9:00	1439.9	0
1349032	1/14/2024 9:00	1/15/2024 9:00	1439.02	0
639074	1/14/2024 9:01	1/14/2024 11:41	160	0
10371746	1/14/2024 9:02	1/15/2024 9:00	1437.9	0
1552990	1/14/2024 9:06	1/14/2024 11:48	162	0
387712	1/14/2024 9:07	1/14/2024 19:11	604	0
1433348	1/14/2024 9:07	1/14/2024 19:11	604	0
1432940	1/14/2024 9:07	1/14/2024 19:08	601	0
1453263	1/14/2024 9:07	1/15/2024 9:00	1432.18	0
869613	1/14/2024 9:08	1/14/2024 14:33	325	0
1465391	1/14/2024 9:08	1/14/2024 19:12	604	0
1466638	1/14/2024 9:09	1/14/2024 14:09	300	0
1351588	1/14/2024 9:10	1/14/2024 19:14	604	0
1444809	1/14/2024 9:10	1/14/2024 14:13	303	1.2
1350104	1/14/2024 9:10	1/14/2024 19:08	598	0
1445317	1/14/2024 9:11	1/14/2024 14:12	301	0
1680798	1/14/2024 9:12	1/14/2024 19:45	633	0
1466445	1/14/2024 9:13	1/14/2024 19:11	598	0
8605921	1/14/2024 9:14	1/14/2024 10:17	63	0
347230	1/14/2024 9:15	1/14/2024 19:10	595	0
1368745	1/14/2024 9:16	1/14/2024 16:50	454	0.05
349467	1/14/2024 9:16	1/14/2024 19:15	599	0
51957	1/14/2024 9:17	1/14/2024 19:17	600	0
981933	1/14/2024 9:18	1/14/2024 19:06	588	0
350346	1/14/2024 9:18	1/14/2024 19:07	589	0.2
979888	1/14/2024 9:19	1/14/2024 19:06	587	0
642003	1/14/2024 9:20	1/14/2024 19:19	599	0
1093722	1/14/2024 9:22	1/14/2024 19:05	583	0
1093889	1/14/2024 9:23	1/14/2024 19:11	588	0.1
539938	1/14/2024 9:24	1/14/2024 19:06	582	0
808384	1/14/2024 9:27	1/14/2024 18:33	546	0
1393699	1/14/2024 9:28	1/14/2024 11:44	136	0.08

810130	1/14/2024 9:28	1/14/2024 18:34	546	0
304785	1/14/2024 9:28	1/14/2024 19:16	588	0.3
304845	1/14/2024 9:28	1/14/2024 19:16	588	0
1494722	1/14/2024 9:30	1/14/2024 19:12	582	0.39
980398	1/14/2024 9:31	1/14/2024 11:31	120	0
1595351	1/14/2024 9:33	1/15/2024 8:04	1351	0
1436742	1/14/2024 9:36	1/14/2024 19:03	567	0
315752	1/14/2024 9:37	1/14/2024 11:38	121	0
313731	1/14/2024 9:37	1/14/2024 11:38	121	0
325050	1/14/2024 9:38	1/14/2024 10:36	58	0
314163	1/14/2024 9:38	1/14/2024 11:38	120	0
1321605	1/14/2024 9:38	1/14/2024 14:12	274	0
314564	1/14/2024 9:38	1/14/2024 11:40	122	0
313954	1/14/2024 9:39	1/14/2024 11:40	121	0
10371797	1/14/2024 9:39	1/14/2024 11:39	120	0
315380	1/14/2024 9:40	1/14/2024 11:41	121	0
315604	1/14/2024 9:41	1/14/2024 11:41	120	0
11120838	1/14/2024 9:41	1/14/2024 19:12	571	0
1394365	1/14/2024 9:48	1/14/2024 11:48	120	0
1438878	1/14/2024 9:48	1/14/2024 19:04	556	0
1439908	1/14/2024 9:49	1/14/2024 19:10	561	0.27
456099	1/14/2024 9:49	1/14/2024 14:23	274	0
500173	1/14/2024 9:50	1/14/2024 19:09	559	0.32
9063373	1/14/2024 9:50	1/14/2024 11:52	122	0
1437279	1/14/2024 9:50	1/14/2024 19:11	561	0
1437276	1/14/2024 9:50	1/14/2024 18:51	541	0.1
455629	1/14/2024 9:51	1/14/2024 14:22	271	0
457978	1/14/2024 9:52	1/14/2024 14:22	270	0
1438807	1/14/2024 9:52	1/14/2024 19:04	552	0
457729	1/14/2024 9:53	1/14/2024 14:22	269	0
317233	1/14/2024 9:53	1/14/2024 19:09	556	0.27
574596	1/14/2024 9:53	1/14/2024 11:39	106	0
454861	1/14/2024 9:53	1/14/2024 15:04	311	0
454901	1/14/2024 9:53	1/14/2024 14:20	267	0.39
315346	1/14/2024 9:54	1/14/2024 19:08	554	0
315345	1/14/2024 9:54	1/14/2024 19:12	558	0
324290	1/14/2024 9:54	1/14/2024 19:04	550	0
455345	1/14/2024 9:54	1/14/2024 14:23	269	0
510974	1/14/2024 9:54	1/15/2024 2:26	992	0
498070	1/14/2024 9:54	1/14/2024 19:11	557	0
314945	1/14/2024 9:55	1/14/2024 19:12	557	0.1
317195	1/14/2024 9:57	1/14/2024 15:54	357	0.01
317797	1/14/2024 9:57	1/14/2024 19:08	551	0
1609415	1/14/2024 9:59	1/14/2024 10:19	20	0
1609484	1/14/2024 10:01	1/14/2024 10:17	16	0
10628562	1/14/2024 10:01	1/14/2024 10:17	16	0
1430294	1/14/2024 10:02	1/14/2024 19:10	548	0

314188	1/14/2024 10:03	1/14/2024 14:31	268	0
7178975	1/14/2024 10:03	1/14/2024 14:30	267	0.12
196408	1/14/2024 10:05	1/14/2024 19:11	546	0
315169	1/14/2024 10:05	1/14/2024 19:06	541	0
1434316	1/14/2024 10:05	1/14/2024 19:04	539	0
315730	1/14/2024 10:05	1/14/2024 14:29	264	0.3
197883	1/14/2024 10:07	1/14/2024 19:09	542	0
1465703	1/14/2024 10:08	1/14/2024 19:14	546	0
1346410	1/14/2024 10:08	1/14/2024 19:10	542	0.05
1434359	1/14/2024 10:08	1/14/2024 19:02	534	0.04
1320008	1/14/2024 10:08	1/14/2024 14:10	242	0
1524033	1/14/2024 10:08	1/14/2024 19:09	541	1.83
1412123	1/14/2024 10:08	1/14/2024 19:02	534	0
195839	1/14/2024 10:08	1/14/2024 19:09	541	0
312846	1/14/2024 10:09	1/14/2024 11:38	89	0
315616	1/14/2024 10:09	1/14/2024 11:38	89	0.07
574993	1/14/2024 10:09	1/14/2024 10:15	6	0
551972	1/14/2024 10:10	1/14/2024 11:43	93	0
2032900	1/14/2024 10:10	1/14/2024 14:10	240	0
1702895	1/14/2024 10:10	1/14/2024 19:16	546	0
1346671	1/14/2024 10:10	1/14/2024 19:16	546	0
197629	1/14/2024 10:11	1/14/2024 19:17	546	0.37
1523524	1/14/2024 10:12	1/14/2024 19:12	540	0.1
1319739	1/14/2024 10:12	1/15/2024 9:00	1367.02	0
549370	1/14/2024 10:12	1/14/2024 11:42	90	0
316630	1/14/2024 10:12	1/14/2024 19:18	546	0.53
346347	1/14/2024 10:13	1/14/2024 19:19	546	0
1595324	1/14/2024 10:14	1/14/2024 11:07	53	0
1333801	1/14/2024 10:14	1/14/2024 19:04	530	0
574993	1/14/2024 10:15	1/14/2024 10:25	10	0
345957	1/14/2024 10:15	1/14/2024 19:16	541	0.49
344958	1/14/2024 10:16	1/14/2024 19:18	542	0.26
304295	1/14/2024 10:16	1/14/2024 12:46	150	0
9524954	1/14/2024 10:16	1/14/2024 19:02	526	1.72
346135	1/14/2024 10:16	1/14/2024 19:16	540	0
547577	1/14/2024 10:17	1/14/2024 19:12	535	1.23
8605921	1/14/2024 10:17	1/14/2024 19:18	541	0.42
350406	1/14/2024 10:17	1/14/2024 19:13	536	0
1610090	1/14/2024 10:17	1/14/2024 19:07	530	0
449377	1/14/2024 10:17	1/14/2024 10:43	26	0
10628562	1/14/2024 10:17	1/14/2024 19:09	532	0
1609484	1/14/2024 10:17	1/14/2024 11:15	58	0
1609551	1/14/2024 10:18	1/14/2024 19:12	534	0
7518767	1/14/2024 10:19	1/14/2024 19:20	541	0
997397	1/14/2024 10:19	1/14/2024 19:00	521	0
1609415	1/14/2024 10:19	1/14/2024 19:13	534	0
995564	1/14/2024 10:20	1/14/2024 19:02	522	0.08

47769	1/14/2024 10:20	1/14/2024 19:10	530	0
49209	1/14/2024 10:20	1/14/2024 19:15	535	0
449036	1/14/2024 10:20	1/14/2024 11:34	74	0
498597	1/14/2024 10:21	1/14/2024 19:16	535	0
469018	1/14/2024 10:21	1/14/2024 19:06	525	0
324249	1/14/2024 10:23	1/14/2024 11:37	74	0
323747	1/14/2024 10:24	1/14/2024 19:14	530	2.36
323657	1/14/2024 10:24	1/14/2024 11:38	74	0
574993	1/14/2024 10:25	1/14/2024 10:30	5	0
346967	1/14/2024 10:26	1/14/2024 19:18	532	0.57
507365	1/14/2024 10:28	1/14/2024 23:03	755	0
346288	1/14/2024 10:28	1/14/2024 19:06	518	0
342796	1/14/2024 10:28	1/14/2024 19:11	523	0
590897	1/14/2024 10:28	1/14/2024 19:13	525	0.1
574993	1/14/2024 10:30	1/14/2024 14:49	259	0
6761269	1/14/2024 10:30	1/14/2024 19:10	520	0
345647	1/14/2024 10:30	1/14/2024 19:20	530	0
65553	1/14/2024 10:31	1/15/2024 9:00	1348.75	0
1576533	1/14/2024 10:32	1/14/2024 15:59	327	0
252859	1/14/2024 10:34	1/14/2024 19:12	518	0.06
1672784	1/14/2024 10:34	1/15/2024 9:00	1345.9	0
859747	1/14/2024 10:35	1/14/2024 11:38	63	0
1664433	1/14/2024 10:35	1/14/2024 11:38	63	0
860281	1/14/2024 10:36	1/14/2024 11:39	63	0
325050	1/14/2024 10:36	1/14/2024 10:52	16	0
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1469956	1/14/2024 10:39	1/14/2024 19:07	508	0
553755	1/14/2024 10:40	1/14/2024 19:14	514	0
324045	1/14/2024 10:40	1/14/2024 19:20	520	0.04
1394324	1/14/2024 10:40	1/14/2024 10:50	10	0
1469850	1/14/2024 10:41	1/14/2024 19:03	502	0
313011	1/14/2024 10:42	1/14/2024 19:15	513	0
7533405	1/14/2024 10:43	1/14/2024 10:59	16	0
1466357	1/14/2024 10:43	1/14/2024 19:08	505	0
449377	1/14/2024 10:43	1/14/2024 11:03	20	0
1493132	1/14/2024 10:44	1/14/2024 19:18	514	1.04
1515678	1/14/2024 10:44	1/14/2024 11:42	58	0
808829	1/14/2024 10:45	1/14/2024 18:33	468	0
1514004	1/14/2024 10:46	1/14/2024 23:43	777	0
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1376158	1/14/2024 10:48	1/14/2024 19:12	504	0
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1394324	1/14/2024 10:50	1/14/2024 11:48	58	0
1412757	1/14/2024 10:50	1/14/2024 11:32	42	0
1463218	1/14/2024 10:50	1/14/2024 19:04	494	0

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1464949	1/14/2024 10:51	1/14/2024 19:14	503	0
325050	1/14/2024 10:52	1/14/2024 11:39	47	0
1265778	1/14/2024 10:54	1/14/2024 19:02	488	0
21820	1/14/2024 10:54	1/14/2024 14:20	206	0
306565	1/14/2024 10:56	1/14/2024 19:04	488	0
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21306	1/14/2024 10:57	1/14/2024 14:38	221	0
307661	1/14/2024 10:58	1/14/2024 19:06	488	0
7533405	1/14/2024 10:59	1/14/2024 11:15	16	0
8150753	1/14/2024 11:01	1/14/2024 18:59	478	0
1557676	1/14/2024 11:02	1/14/2024 11:33	31	0
571799	1/14/2024 11:02	1/14/2024 15:21	259	0
449377	1/14/2024 11:03	1/14/2024 11:51	48	0
1556243	1/14/2024 11:03	1/14/2024 11:35	32	0
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1417279	1/14/2024 11:04	1/14/2024 19:04	480	0
1554218	1/14/2024 11:04	1/14/2024 11:36	32	0
1556434	1/14/2024 11:04	1/14/2024 11:35	31	0
197690	1/14/2024 11:04	1/14/2024 19:05	481	0
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1556565	1/14/2024 11:04	1/14/2024 11:36	32	0
1556352	1/14/2024 11:05	1/14/2024 11:32	27	0.01
1556486	1/14/2024 11:05	1/14/2024 11:36	31	0
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197561	1/14/2024 11:05	1/14/2024 19:13	488	0
1465882	1/14/2024 11:06	1/14/2024 19:07	481	0.41
1557188	1/14/2024 11:06	1/14/2024 11:32	26	0
1431804	1/14/2024 11:06	1/14/2024 19:04	478	0
127206	1/14/2024 11:06	1/15/2024 9:00	1313.75	0
1565203	1/14/2024 11:06	1/14/2024 19:13	487	0
1683861	1/14/2024 11:07	1/14/2024 19:11	484	0
1595324	1/14/2024 11:07	1/14/2024 19:10	483	0.11
1385431	1/14/2024 11:08	1/14/2024 19:08	480	0
1417138	1/14/2024 11:08	1/14/2024 19:14	486	0
567126	1/14/2024 11:09	1/14/2024 11:56	47	0
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1385122	1/14/2024 11:10	1/14/2024 19:12	482	0
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1405153	1/14/2024 11:10	1/14/2024 19:04	474	0
564518	1/14/2024 11:10	1/14/2024 11:57	47	0
1431752	1/14/2024 11:11	1/14/2024 19:07	476	0
1093833	1/14/2024 11:12	1/14/2024 11:54	42	0
346185	1/14/2024 11:14	1/14/2024 19:11	477	0.32
7533405	1/14/2024 11:15	1/14/2024 12:45	90	0.08

1609484	1/14/2024 11:15	1/14/2024 19:09	474	0
563721	1/14/2024 11:16	1/14/2024 14:20	184	0
8434548	1/14/2024 11:17	1/14/2024 14:31	194	1.51
8972545	1/14/2024 11:20	1/14/2024 19:07	467	0
9313875	1/14/2024 11:20	1/14/2024 21:32	612	0
1459057	1/14/2024 11:21	1/14/2024 19:05	464	0
638816	1/14/2024 11:21	1/14/2024 11:37	16	0
10659831	1/14/2024 11:21	1/14/2024 19:15	474	0
1077082	1/14/2024 11:22	1/14/2024 19:09	467	0
267537	1/14/2024 11:22	1/14/2024 19:15	473	0
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8495802	1/14/2024 11:23	1/14/2024 19:11	468	1.92
1307071	1/14/2024 11:24	1/14/2024 19:06	462	0.04
639125	1/14/2024 11:24	1/14/2024 11:40	16	0
1378128	1/14/2024 11:28	1/14/2024 19:04	456	0
1393633	1/14/2024 11:28	1/14/2024 11:44	16	0.07
1597556	1/14/2024 11:29	1/15/2024 9:00	1290.18	0.01
1462990	1/14/2024 11:29	1/14/2024 19:11	462	0
160073	1/14/2024 11:30	1/14/2024 19:01	451	0
980398	1/14/2024 11:31	1/14/2024 11:47	16	0
1412757	1/14/2024 11:32	1/14/2024 12:36	64	0
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1557188	1/14/2024 11:32	1/14/2024 12:19	47	0
1557676	1/14/2024 11:33	1/14/2024 12:21	48	0
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328408	1/14/2024 11:35	1/14/2024 11:51	16	0
1556243	1/14/2024 11:35	1/14/2024 12:17	42	0
1556246	1/14/2024 11:35	1/14/2024 12:17	42	0.31
1556434	1/14/2024 11:35	1/14/2024 12:17	42	0
1554218	1/14/2024 11:36	1/14/2024 15:33	237	0
1556486	1/14/2024 11:36	1/14/2024 12:19	43	0
1556565	1/14/2024 11:36	1/14/2024 12:18	42	0
319279	1/14/2024 11:37	1/14/2024 12:51	74	0
324249	1/14/2024 11:37	1/14/2024 12:50	73	0
638816	1/14/2024 11:37	1/14/2024 15:35	238	0
315616	1/14/2024 11:38	1/14/2024 13:49	131	0.22
1664433	1/14/2024 11:38	1/14/2024 12:36	58	0
312846	1/14/2024 11:38	1/14/2024 13:49	131	0
314163	1/14/2024 11:38	1/14/2024 13:49	131	0
323657	1/14/2024 11:38	1/14/2024 12:52	74	0
313731	1/14/2024 11:38	1/14/2024 13:50	132	0.11
800590	1/14/2024 11:38	1/14/2024 13:38	120	0
315752	1/14/2024 11:38	1/14/2024 13:52	134	0
859747	1/14/2024 11:38	1/14/2024 12:36	58	0
574596	1/14/2024 11:39	1/14/2024 14:48	189	0
325050	1/14/2024 11:39	1/14/2024 14:48	189	0

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800600	1/14/2024 11:39	1/14/2024 13:41	122	0
860281	1/14/2024 11:39	1/14/2024 14:48	189	0
639125	1/14/2024 11:40	1/14/2024 15:50	250	0
313954	1/14/2024 11:40	1/14/2024 13:50	130	0.07
800588	1/14/2024 11:40	1/14/2024 13:39	119	0
314564	1/14/2024 11:40	1/14/2024 13:55	135	0.02
315604	1/14/2024 11:41	1/14/2024 15:52	251	0
315380	1/14/2024 11:41	1/14/2024 15:52	251	0
639074	1/14/2024 11:41	1/14/2024 15:34	233	0
549370	1/14/2024 11:42	1/14/2024 11:57	15	0
801004	1/14/2024 11:42	1/14/2024 14:35	173	0
1515678	1/14/2024 11:42	1/14/2024 14:42	180	0
1514677	1/14/2024 11:42	1/14/2024 14:41	179	0
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1393633	1/14/2024 11:44	1/14/2024 14:00	136	0.43
1393699	1/14/2024 11:44	1/14/2024 14:00	136	0
980398	1/14/2024 11:47	1/14/2024 12:03	16	0
1552842	1/14/2024 11:47	1/14/2024 19:11	444	0
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1394324	1/14/2024 11:48	1/14/2024 12:04	16	0
1394365	1/14/2024 11:48	1/14/2024 14:10	142	0
317768	1/14/2024 11:48	1/15/2024 9:00	1271.75	0
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1552990	1/14/2024 11:48	1/14/2024 19:09	441	0
1552977	1/14/2024 11:49	1/14/2024 19:12	443	0
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1553245	1/14/2024 11:50	1/14/2024 19:03	433	0
449036	1/14/2024 11:50	1/14/2024 14:43	173	0.03
1552836	1/14/2024 11:50	1/14/2024 19:09	439	0
328408	1/14/2024 11:51	1/14/2024 19:08	437	0
449377	1/14/2024 11:51	1/14/2024 12:02	11	0
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327693	1/14/2024 11:51	1/14/2024 19:06	435	0
9063373	1/14/2024 11:52	1/14/2024 14:48	176	0
501613	1/14/2024 11:52	1/14/2024 12:23	31	0
326028	1/14/2024 11:52	1/14/2024 12:07	15	0
328817	1/14/2024 11:53	1/14/2024 19:09	436	0
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567126	1/14/2024 11:56	1/14/2024 14:23	147	0
564518	1/14/2024 11:57	1/14/2024 14:24	147	0
549370	1/14/2024 11:57	1/14/2024 12:13	16	0
279833	1/14/2024 11:57	1/14/2024 14:05	128	0
4173986	1/14/2024 11:58	1/14/2024 15:05	187	0
10393495	1/14/2024 12:00	1/14/2024 14:06	126	0
274522	1/14/2024 12:01	1/14/2024 14:05	124	0.29

276488	1/14/2024 12:01	1/14/2024 14:06	125	0.41
275018	1/14/2024 12:01	1/14/2024 14:05	124	0
65245	1/14/2024 12:02	1/14/2024 13:45	103	0
449377	1/14/2024 12:02	1/14/2024 12:54	52	0
980398	1/14/2024 12:03	1/14/2024 19:03	420	0
1394324	1/14/2024 12:04	1/14/2024 13:52	108	0
326028	1/14/2024 12:07	1/14/2024 12:18	11	0
549370	1/14/2024 12:13	1/14/2024 19:18	425	0
1556434	1/14/2024 12:17	1/14/2024 15:31	194	0.01
1556246	1/14/2024 12:17	1/14/2024 15:31	194	0.05
1556243	1/14/2024 12:17	1/14/2024 15:31	194	0
326028	1/14/2024 12:18	1/15/2024 2:07	829	0
1556565	1/14/2024 12:18	1/14/2024 15:32	194	0
571847	1/14/2024 12:18	1/14/2024 15:22	184	0
1556352	1/14/2024 12:19	1/14/2024 15:28	189	0.03
1556486	1/14/2024 12:19	1/14/2024 15:30	191	0
1557188	1/14/2024 12:19	1/14/2024 15:28	189	0
8068454	1/14/2024 12:21	1/14/2024 15:03	162	0
1557676	1/14/2024 12:21	1/14/2024 15:30	189	0.13
501613	1/14/2024 12:23	1/14/2024 19:12	409	0
1275035	1/14/2024 12:30	1/14/2024 14:42	132	0
859747	1/14/2024 12:36	1/14/2024 13:49	73	0
1390184	1/14/2024 12:36	1/14/2024 19:14	398	0
1412757	1/14/2024 12:36	1/14/2024 14:20	104	0
1664433	1/14/2024 12:36	1/14/2024 13:13	37	0
1377393	1/14/2024 12:38	1/15/2024 9:00	1221.02	0
580808	1/14/2024 12:38	1/15/2024 8:41	1203	0
7533405	1/14/2024 12:45	1/14/2024 15:20	155	0
304295	1/14/2024 12:46	1/14/2024 15:22	156	0
1343695	1/14/2024 12:46	1/14/2024 19:04	378	0
324249	1/14/2024 12:50	1/14/2024 13:38	48	0
319279	1/14/2024 12:51	1/14/2024 14:51	120	0
323657	1/14/2024 12:52	1/14/2024 13:55	63	0
449377	1/14/2024 12:54	1/14/2024 13:10	16	0
313881	1/14/2024 13:03	1/14/2024 15:51	168	0.03
313720	1/14/2024 13:06	1/14/2024 14:40	94	0
449377	1/14/2024 13:10	1/14/2024 14:07	57	0
1664433	1/14/2024 13:13	1/14/2024 15:19	126	0
70866	1/14/2024 13:27	1/15/2024 9:00	1172.75	0
730082	1/14/2024 13:35	1/14/2024 19:16	341	0
800590	1/14/2024 13:38	1/14/2024 14:36	58	0
324249	1/14/2024 13:38	1/14/2024 14:09	31	0
800588	1/14/2024 13:39	1/14/2024 14:37	58	0
800600	1/14/2024 13:41	1/14/2024 14:33	52	0
65245	1/14/2024 13:45	1/14/2024 14:00	15	0
314163	1/14/2024 13:49	1/14/2024 15:51	122	0
859747	1/14/2024 13:49	1/14/2024 14:31	42	0

315616	1/14/2024 13:49	1/14/2024 15:55	126	0
312846	1/14/2024 13:49	1/14/2024 15:50	121	0
313731	1/14/2024 13:50	1/14/2024 15:50	120	0
313954	1/14/2024 13:50	1/14/2024 15:50	120	0
601397	1/14/2024 13:51	1/14/2024 14:23	32	0
561757	1/14/2024 13:51	1/14/2024 19:08	317	0
10371797	1/14/2024 13:51	1/14/2024 15:53	122	0
315752	1/14/2024 13:52	1/14/2024 15:52	120	0
558031	1/14/2024 13:52	1/14/2024 19:07	315	0
1394324	1/14/2024 13:52	1/14/2024 14:08	16	0
323657	1/14/2024 13:55	1/14/2024 14:11	16	0.01
314564	1/14/2024 13:55	1/14/2024 15:52	117	0
1224499	1/14/2024 13:56	1/15/2024 9:00	1143.02	0
1393633	1/14/2024 14:00	1/14/2024 14:26	26	0.02
65245	1/14/2024 14:00	1/14/2024 14:45	45	0
1393699	1/14/2024 14:00	1/14/2024 14:26	26	0
67738	1/14/2024 14:04	1/15/2024 9:00	1135.75	0
275018	1/14/2024 14:05	1/14/2024 14:21	16	0
279833	1/14/2024 14:05	1/14/2024 14:22	17	0
274522	1/14/2024 14:05	1/14/2024 14:22	17	0
1512146	1/14/2024 14:06	1/14/2024 14:22	16	0
276488	1/14/2024 14:06	1/14/2024 15:05	59	0.03
1320646	1/14/2024 14:06	1/14/2024 14:38	32	0
275495	1/14/2024 14:06	1/14/2024 14:22	16	0
10393495	1/14/2024 14:06	1/14/2024 14:20	14	0
449377	1/14/2024 14:07	1/14/2024 15:10	63	0
281235	1/14/2024 14:07	1/14/2024 14:22	15	0
852125	1/14/2024 14:07	1/15/2024 9:00	1132.87	0
1320619	1/14/2024 14:08	1/14/2024 14:34	26	0
1394324	1/14/2024 14:08	1/14/2024 14:26	18	0
1509487	1/14/2024 14:09	1/14/2024 14:24	15	0
1466638	1/14/2024 14:09	1/14/2024 14:58	49	0
324249	1/14/2024 14:09	1/14/2024 14:51	42	0
1509486	1/14/2024 14:10	1/14/2024 14:37	27	0
2032900	1/14/2024 14:10	1/14/2024 15:34	84	0
1320008	1/14/2024 14:10	1/14/2024 14:36	26	0
1394365	1/14/2024 14:10	1/14/2024 14:44	34	0
323657	1/14/2024 14:11	1/14/2024 14:48	37	0.05
854579	1/14/2024 14:11	1/14/2024 19:05	294	0
1445317	1/14/2024 14:12	1/14/2024 15:22	70	0
1321605	1/14/2024 14:12	1/14/2024 14:38	26	0
1444809	1/14/2024 14:13	1/14/2024 15:21	68	0
417990	1/14/2024 14:16	1/14/2024 14:32	16	0
446126	1/14/2024 14:17	1/15/2024 9:00	1122.9	0
419657	1/14/2024 14:17	1/15/2024 9:00	1122.9	0
277301	1/14/2024 14:17	1/14/2024 15:11	54	0
418771	1/14/2024 14:18	1/15/2024 9:00	1121.9	0

446329	1/14/2024 14:18	1/14/2024 14:44	26	0
277818	1/14/2024 14:18	1/14/2024 15:00	42	0
10393495	1/14/2024 14:20	1/14/2024 15:02	42	0
1412757	1/14/2024 14:20	1/14/2024 15:14	54	0
563721	1/14/2024 14:20	1/14/2024 19:14	294	0
21820	1/14/2024 14:20	1/14/2024 14:35	15	0
454901	1/14/2024 14:20	1/14/2024 15:02	42	0
274125	1/14/2024 14:21	1/14/2024 14:52	31	0
275018	1/14/2024 14:21	1/14/2024 15:04	43	0
573050	1/14/2024 14:21	1/14/2024 14:53	32	0
988954	1/14/2024 14:21	1/15/2024 0:14	593	0
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456099	1/14/2024 14:23	1/14/2024 15:04	41	0
601397	1/14/2024 14:23	1/14/2024 19:17	294	0
455345	1/14/2024 14:23	1/14/2024 15:05	42	0
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1509487	1/14/2024 14:24	1/14/2024 14:35	11	0
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1393633	1/14/2024 14:26	1/14/2024 17:04	158	0
800576	1/14/2024 14:26	1/14/2024 19:04	278	0
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7178975	1/14/2024 14:30	1/14/2024 14:51	21	0
859747	1/14/2024 14:31	1/14/2024 14:47	16	0
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314188	1/14/2024 14:31	1/14/2024 14:52	21	0

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314188	1/14/2024 14:52	1/14/2024 19:09	257	0
8434548	1/14/2024 14:52	1/14/2024 19:09	257	0
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574993	1/14/2024 14:53	1/14/2024 15:19	26	0
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8104722	1/14/2024 14:54	1/15/2024 0:30	576	0
311322	1/14/2024 14:54	1/14/2024 19:12	258	0
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279833	1/14/2024 15:06	1/14/2024 19:12	246	0
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304209	1/14/2024 15:22	1/14/2024 19:08	226	0
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314564	1/14/2024 15:52	1/14/2024 19:07	195	0
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10371797	1/14/2024 15:53	1/14/2024 19:16	203	0
317195	1/14/2024 15:54	1/14/2024 19:08	194	0
583848	1/14/2024 15:54	1/14/2024 19:03	189	0
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574993	1/14/2024 15:56	1/15/2024 9:00	1023.9	0
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1576533	1/14/2024 15:59	1/15/2024 9:00	1020.18	0
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350399	1/14/2024 16:26	1/14/2024 19:09	163	0
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304295	1/14/2024 16:41	1/14/2024 22:50	369	0
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1430838	1/14/2024 16:56	1/14/2024 19:12	136	0

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449377	1/14/2024 17:06	1/14/2024 17:53	47	0
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449377	1/14/2024 17:53	1/14/2024 18:25	32	0
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1463520	1/14/2024 18:01	1/14/2024 19:09	68	0
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449377	1/14/2024 18:25	1/14/2024 19:17	52	0
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1664433	1/14/2024 18:28	1/14/2024 19:15	47	0
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808384	1/14/2024 18:33	1/14/2024 19:05	32	0
808829	1/14/2024 18:33	1/14/2024 19:09	36	0
810130	1/14/2024 18:34	1/14/2024 19:00	26	0
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639125	1/14/2024 18:58	1/15/2024 9:00	841.9	0
8150753	1/14/2024 18:59	1/15/2024 9:00	840.43	0
1321605	1/14/2024 19:00	1/15/2024 9:00	839.02	0
997397	1/14/2024 19:00	1/15/2024 9:00	839.43	0
810130	1/14/2024 19:00	1/15/2024 9:00	839.87	0
160073	1/14/2024 19:01	1/15/2024 9:00	838.43	0
569420	1/14/2024 19:01	1/15/2024 9:00	838.9	0
995564	1/14/2024 19:02	1/15/2024 9:00	837.43	0
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800576	1/14/2024 19:04	1/15/2024 9:00	835.87	0
1378273	1/14/2024 19:04	1/15/2024 9:00	835.02	0
1378582	1/14/2024 19:04	1/15/2024 9:00	835.02	0

800590	1/14/2024 19:04	1/15/2024 9:00	835.87	0
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1417279	1/14/2024 19:04	1/15/2024 9:00	835.02	0
800588	1/14/2024 19:04	1/15/2024 9:00	835.87	0
350328	1/14/2024 19:04	1/15/2024 9:00	835.75	0
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324290	1/14/2024 19:04	1/15/2024 8:21	797	0
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496500	1/14/2024 19:04	1/15/2024 9:00	835.9	0
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808384	1/14/2024 19:05	1/15/2024 9:00	834.87	0
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854579	1/14/2024 19:05	1/15/2024 9:00	834.87	0
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307661	1/14/2024 19:06	1/15/2024 8:02	776	0
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317797	1/14/2024 19:08	1/15/2024 9:00	831.75	0
317195	1/14/2024 19:08	1/15/2024 9:00	831.75	0
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274522	1/14/2024 19:09	1/15/2024 9:00	830.75	0
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349232	1/14/2024 19:09	1/15/2024 9:00	830.75	0
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65245	1/14/2024 19:10	1/15/2024 9:00	829.75	0
588892	1/14/2024 19:10	1/15/2024 9:00	829.9	0
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21306	1/14/2024 19:10	1/15/2024 9:00	829.75	0
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1430294	1/14/2024 19:10	1/15/2024 9:00	829.18	0
1393633	1/14/2024 19:10	1/15/2024 9:00	829.02	0
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8524544	1/14/2024 19:10	1/15/2024 9:00	829.75	0
47769	1/14/2024 19:10	1/15/2024 9:00	829.75	0
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8495802	1/14/2024 19:11	1/15/2024 9:00	828.18	0
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1567316	1/14/2024 19:11	1/15/2024 9:00	828.18	0
1093889	1/14/2024 19:11	1/15/2024 8:24	793	0
196408	1/14/2024 19:11	1/15/2024 9:00	828.75	0
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1444947	1/14/2024 19:11	1/15/2024 9:00	828.18	0

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346185	1/14/2024 19:11	1/15/2024 9:00	828.75	0
1430553	1/14/2024 19:11	1/15/2024 9:00	828.18	0
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1465391	1/14/2024 19:12	1/15/2024 9:00	827.18	0
314945	1/14/2024 19:12	1/15/2024 9:00	827.75	0
252859	1/14/2024 19:12	1/15/2024 9:00	827.75	0
314899	1/14/2024 19:12	1/15/2024 9:00	827.75	0
1556434	1/14/2024 19:12	1/15/2024 9:00	827.18	0
547577	1/14/2024 19:12	1/15/2024 9:00	827.75	0
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279833	1/14/2024 19:12	1/15/2024 9:00	827.75	0
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1494722	1/14/2024 19:12	1/15/2024 9:00	827.02	0
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311322	1/14/2024 19:12	1/15/2024 9:00	827.75	0
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1556246	1/14/2024 19:12	1/15/2024 9:00	827.18	0
1385122	1/14/2024 19:12	1/15/2024 9:00	827.02	0
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315604	1/14/2024 19:12	1/15/2024 9:00	827.75	0
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7178975	1/14/2024 19:13	1/15/2024 9:00	826.75	0
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801004	1/14/2024 19:13	1/15/2024 9:00	826.87	0
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1554218	1/14/2024 19:13	1/15/2024 9:00	826.18	0
590897	1/14/2024 19:13	1/15/2024 9:00	826.9	0
350406	1/14/2024 19:13	1/15/2024 9:00	826.75	0
574596	1/14/2024 19:13	1/15/2024 9:00	826.9	0
1557303	1/14/2024 19:13	1/15/2024 9:00	826.18	0
638816	1/14/2024 19:13	1/15/2024 9:00	826.9	0
304265	1/14/2024 19:13	1/15/2024 9:00	826.75	0
10510361	1/14/2024 19:13	1/15/2024 9:00	826.75	0
645339	1/14/2024 19:13	1/15/2024 9:00	826.9	0

1515964	1/14/2024 19:13	1/15/2024 9:00	826.18	0
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572882	1/14/2024 19:14	1/15/2024 9:00	825.9	0
319279	1/14/2024 19:14	1/15/2024 9:00	825.75	0
324249	1/14/2024 19:14	1/15/2024 9:00	825.75	0
323747	1/14/2024 19:14	1/15/2024 9:00	825.75	0
1375227	1/14/2024 19:14	1/15/2024 9:00	825.02	0
1390184	1/14/2024 19:14	1/15/2024 9:00	825.02	0
6733217	1/14/2024 19:14	1/15/2024 9:00	825.75	0
199337	1/14/2024 19:14	1/15/2024 9:00	825.75	0
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1464949	1/14/2024 19:14	1/15/2024 9:00	825.18	0
553755	1/14/2024 19:14	1/15/2024 9:00	825.9	0
563721	1/14/2024 19:14	1/15/2024 9:00	825.9	0
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10393495	1/14/2024 19:14	1/15/2024 9:00	825.75	0
4173986	1/14/2024 19:14	1/15/2024 9:00	825.75	0
315616	1/14/2024 19:14	1/15/2024 9:00	825.75	0
1393699	1/14/2024 19:14	1/15/2024 9:00	825.02	0
1416360	1/14/2024 19:14	1/15/2024 9:00	825.02	0
454861	1/14/2024 19:14	1/15/2024 9:00	825.9	0
1443586	1/14/2024 19:14	1/15/2024 9:00	825.18	0
280364	1/14/2024 19:15	1/15/2024 9:00	824.75	0
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323657	1/14/2024 19:15	1/15/2024 9:00	824.75	0
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455345	1/14/2024 19:15	1/15/2024 9:00	824.9	0
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11467920	1/14/2024 19:15	1/15/2024 9:00	824.18	0
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859747	1/14/2024 19:15	1/15/2024 9:00	824.87	0
276488	1/14/2024 19:15	1/15/2024 9:00	824.75	0
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313011	1/14/2024 19:15	1/15/2024 9:00	824.75	0
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570022	1/14/2024 19:15	1/15/2024 9:00	824.9	0
417990	1/14/2024 19:15	1/15/2024 9:00	824.9	0
1664433	1/14/2024 19:15	1/15/2024 9:00	824.87	0
49209	1/14/2024 19:15	1/15/2024 9:00	824.75	0

349969	1/14/2024 19:15	1/15/2024 9:00	824.75	0
817260	1/14/2024 19:15	1/15/2024 9:00	824.87	0
1346671	1/14/2024 19:16	1/15/2024 9:00	823.02	0
21820	1/14/2024 19:16	1/15/2024 9:00	823.75	0
455629	1/14/2024 19:16	1/15/2024 9:00	823.9	0
346135	1/14/2024 19:16	1/15/2024 9:00	823.75	0
446329	1/14/2024 19:16	1/15/2024 9:00	823.9	0
730082	1/14/2024 19:16	1/15/2024 9:00	823.9	0
304785	1/14/2024 19:16	1/15/2024 9:00	823.75	0
313269	1/14/2024 19:16	1/15/2024 9:00	823.75	0
457729	1/14/2024 19:16	1/15/2024 9:00	823.9	0
1702895	1/14/2024 19:16	1/15/2024 9:00	823.02	0
56060	1/14/2024 19:16	1/15/2024 9:00	823.75	0
9063373	1/14/2024 19:16	1/15/2024 9:00	823.02	0
304845	1/14/2024 19:16	1/15/2024 9:00	823.75	0
315380	1/14/2024 19:16	1/15/2024 9:00	823.75	0
10371797	1/14/2024 19:16	1/15/2024 9:00	823.75	0
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498597	1/14/2024 19:16	1/15/2024 9:00	823.9	0
345957	1/14/2024 19:16	1/15/2024 9:00	823.75	0
125572	1/14/2024 19:17	1/15/2024 9:00	822.75	0
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197629	1/14/2024 19:17	1/15/2024 9:00	822.75	0
1251782	1/14/2024 19:17	1/15/2024 9:00	822.87	0
313954	1/14/2024 19:17	1/15/2024 9:00	822.75	0
455994	1/14/2024 19:17	1/15/2024 9:00	822.9	0
1081237	1/14/2024 19:17	1/15/2024 9:00	822.9	0
601397	1/14/2024 19:17	1/15/2024 9:00	822.9	0
51957	1/14/2024 19:17	1/15/2024 8:50	813	0
54324	1/14/2024 19:17	1/15/2024 9:00	822.75	0
378229	1/14/2024 19:17	1/15/2024 9:00	822.9	0
314163	1/14/2024 19:18	1/15/2024 9:00	821.75	0
316630	1/14/2024 19:18	1/15/2024 9:00	821.75	0
8605921	1/14/2024 19:18	1/15/2024 9:00	821.75	0
1493132	1/14/2024 19:18	1/15/2024 9:00	821.02	0
344958	1/14/2024 19:18	1/15/2024 9:00	821.75	0
346967	1/14/2024 19:18	1/15/2024 9:00	821.75	0
549370	1/14/2024 19:18	1/15/2024 9:00	821.9	0
277301	1/14/2024 19:18	1/15/2024 9:00	821.75	0
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346347	1/14/2024 19:19	1/15/2024 9:00	820.75	0
457978	1/14/2024 19:19	1/15/2024 9:00	820.9	0
345647	1/14/2024 19:20	1/15/2024 9:00	819.75	0
1670039	1/14/2024 19:20	1/15/2024 9:00	819.9	0
313731	1/14/2024 19:20	1/15/2024 9:00	819.75	0
7518767	1/14/2024 19:20	1/15/2024 9:00	819.75	0
324045	1/14/2024 19:20	1/15/2024 9:00	819.75	0

6583289	1/14/2024 19:20	1/15/2024 9:00	819.75	0
8068454	1/14/2024 19:21	1/15/2024 9:00	818.9	0
449377	1/14/2024 19:23	1/14/2024 20:41	78	0
1680798	1/14/2024 19:45	1/15/2024 8:00	735	0
564518	1/14/2024 20:21	1/15/2024 9:00	758.9	0
567126	1/14/2024 20:23	1/15/2024 9:00	756.9	0
1093833	1/14/2024 20:25	1/15/2024 9:00	754.9	0
329546	1/14/2024 20:38	1/15/2024 9:00	741.75	0
449377	1/14/2024 20:41	1/14/2024 21:13	32	0
1467272	1/14/2024 20:42	1/15/2024 9:00	737.18	0
449377	1/14/2024 21:13	1/14/2024 21:50	37	0
9313875	1/14/2024 21:32	1/15/2024 9:00	687.18	0
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303510	1/14/2024 22:00	1/15/2024 9:00	659.75	0
313881	1/14/2024 22:19	1/15/2024 9:00	640.75	0
313720	1/14/2024 22:23	1/15/2024 9:00	636.75	0
1394324	1/14/2024 22:32	1/15/2024 9:00	627.02	0
449377	1/14/2024 22:36	1/14/2024 22:37	1	0
449377	1/14/2024 22:37	1/14/2024 23:50	73	0
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281235	1/14/2024 22:42	1/15/2024 9:00	617.75	0
8621797	1/14/2024 22:47	1/15/2024 9:00	612.75	0
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304345	1/14/2024 22:50	1/15/2024 9:00	609.75	0
507365	1/14/2024 23:03	1/15/2024 9:00	596.9	0
1514004	1/14/2024 23:43	1/15/2024 9:00	556.18	0
611363	1/14/2024 23:47	1/15/2024 9:00	552.9	0
449377	1/14/2024 23:50	1/15/2024 0:11	21	0
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988954	1/15/2024 0:14	1/15/2024 9:00	525.43	0
523489	1/15/2024 0:28	1/15/2024 9:00	511.75	0
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326028	1/15/2024 6:27	1/15/2024 9:00	152.75	0
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1469270	1/15/2024 7:57	1/15/2024 9:00	62.18	0
1469956	1/15/2024 7:57	1/15/2024 9:00	62.18	0
1654064	1/15/2024 7:58	1/15/2024 9:00	61.43	0
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347230	1/15/2024 7:59	1/15/2024 9:00	60.75	0
1680798	1/15/2024 8:00	1/15/2024 9:00	59.75	0
979888	1/15/2024 8:02	1/15/2024 9:00	57.43	0
307661	1/15/2024 8:02	1/15/2024 9:00	57.75	0
449377	1/15/2024 8:02	1/15/2024 9:00	57.9	0
981933	1/15/2024 8:02	1/15/2024 9:00	57.43	0
1595351	1/15/2024 8:04	1/15/2024 9:00	55.18	0
982261	1/15/2024 8:04	1/15/2024 9:00	55.43	0
1439908	1/15/2024 8:06	1/15/2024 9:00	53.18	0
1437279	1/15/2024 8:06	1/15/2024 9:00	53.18	0
1438807	1/15/2024 8:06	1/15/2024 9:00	53.18	0
1438878	1/15/2024 8:07	1/15/2024 9:00	52.18	0
1432940	1/15/2024 8:09	1/15/2024 9:00	50.18	0
1437276	1/15/2024 8:09	1/15/2024 9:00	50.18	0
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1609551	1/15/2024 8:18	1/15/2024 9:00	41.18	0
1609222	1/15/2024 8:19	1/15/2024 9:00	40.18	0
10628562	1/15/2024 8:19	1/15/2024 9:00	40.18	0
1609415	1/15/2024 8:20	1/15/2024 9:00	39.18	0
324290	1/15/2024 8:21	1/15/2024 9:00	38.75	0
1466638	1/15/2024 8:22	1/15/2024 9:00	37.18	0
1093889	1/15/2024 8:24	1/15/2024 9:00	35.9	0
1093722	1/15/2024 8:25	1/15/2024 9:00	34.9	0
306565	1/15/2024 8:28	1/15/2024 9:00	31.75	0
989680	1/15/2024 8:36	1/15/2024 9:00	23.43	0
991227	1/15/2024 8:36	1/15/2024 9:00	23.43	0
580808	1/15/2024 8:41	1/15/2024 9:00	18.9	0
417158	1/15/2024 8:45	1/15/2024 9:00	14.9	0
8511623	1/15/2024 8:45	1/15/2024 9:00	14.75	0
418876	1/15/2024 8:49	1/15/2024 9:00	10.9	0
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51957	1/15/2024 8:50	1/15/2024 9:00	9.75	0
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1516786	1/15/2024 9:00	1/16/2024 9:00	1439.18	0

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8766703	1/15/2024 9:00	1/16/2024 9:00	1439.43	0
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326028	1/15/2024 9:00	1/16/2024 9:00	1439.75	0
1433348	1/15/2024 9:00	1/15/2024 19:09	609	0
195216	1/15/2024 9:00	1/16/2024 9:00	1439.75	0
1985687	1/15/2024 9:00	1/15/2024 13:54	294	0
8668965	1/15/2024 9:00	1/15/2024 11:36	156	0
1349032	1/15/2024 9:00	1/16/2024 9:00	1439.02	0
447406	1/15/2024 9:00	1/16/2024 9:00	1439.9	0
1469956	1/15/2024 9:00	1/15/2024 19:02	602	0
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6761269	1/15/2024 9:00	1/15/2024 10:09	69	0
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454901	1/15/2024 9:02	1/15/2024 18:55	593	0
347230	1/15/2024 9:02	1/15/2024 19:00	598	0
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319279	1/15/2024 9:08	1/16/2024 9:00	1431.75	0
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509233	1/15/2024 9:09	1/16/2024 9:00	1430.9	0
1680798	1/15/2024 9:09	1/15/2024 19:17	608	0
1469850	1/15/2024 9:09	1/15/2024 19:02	593	0
336940	1/15/2024 9:09	1/15/2024 11:42	153	0
574993	1/15/2024 9:09	1/15/2024 15:22	373	0
1433697	1/15/2024 9:10	1/15/2024 18:58	588	0
1465391	1/15/2024 9:10	1/15/2024 19:08	598	0
1607889	1/15/2024 9:11	1/15/2024 19:10	599	0
1609484	1/15/2024 9:11	1/15/2024 19:09	598	0
335297	1/15/2024 9:12	1/15/2024 19:00	588	0
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980398	1/15/2024 9:12	1/15/2024 11:44	152	0

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1609222	1/15/2024 9:12	1/15/2024 19:15	603	0
350346	1/15/2024 9:13	1/15/2024 14:30	317	0
991227	1/15/2024 9:13	1/15/2024 11:45	152	0
1437279	1/15/2024 9:14	1/15/2024 19:07	593	0
349467	1/15/2024 9:14	1/15/2024 11:58	164	0
1438807	1/15/2024 9:15	1/15/2024 19:01	586	0
979888	1/15/2024 9:15	1/15/2024 11:43	148	0
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1436742	1/15/2024 9:16	1/15/2024 19:04	588	0
981933	1/15/2024 9:16	1/15/2024 18:48	572	0
457729	1/15/2024 9:16	1/15/2024 19:04	588	0
1609551	1/15/2024 9:16	1/15/2024 19:14	598	0
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1465703	1/15/2024 9:17	1/15/2024 19:15	598	0
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1093722	1/15/2024 9:17	1/15/2024 19:00	583	0
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1437276	1/15/2024 9:17	1/15/2024 19:05	588	0
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1466638	1/15/2024 9:20	1/15/2024 19:03	583	0
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1349502	1/15/2024 9:22	1/15/2024 14:10	288	0
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1350598	1/15/2024 9:26	1/15/2024 19:08	582	0
810130	1/15/2024 9:27	1/15/2024 18:49	562	0
1406535	1/15/2024 9:28	1/15/2024 19:00	572	0
350517	1/15/2024 9:28	1/15/2024 14:27	299	0
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350406	1/15/2024 9:28	1/15/2024 11:13	105	0

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274522	1/15/2024 9:30	1/15/2024 19:02	572	0
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1430553	1/15/2024 9:31	1/15/2024 19:14	583	0
56060	1/15/2024 9:32	1/15/2024 19:12	580	0
4173986	1/15/2024 9:32	1/15/2024 19:04	572	0
279833	1/15/2024 9:33	1/15/2024 19:05	572	0
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9063373	1/15/2024 9:34	1/15/2024 19:14	580	0
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808829	1/15/2024 9:41	1/15/2024 19:02	561	0
251248	1/15/2024 9:43	1/15/2024 18:59	556	0
328113	1/15/2024 9:44	1/15/2024 15:42	358	0
10393495	1/15/2024 9:45	1/15/2024 19:12	567	0.1
1464949	1/15/2024 9:46	1/15/2024 19:16	570	0
500173	1/15/2024 9:46	1/15/2024 18:57	551	0
251189	1/15/2024 9:46	1/15/2024 19:13	567	0
1434359	1/15/2024 9:47	1/15/2024 18:58	551	0
1077082	1/15/2024 9:47	1/15/2024 19:03	556	0
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317195	1/15/2024 9:49	1/15/2024 15:51	362	0
1509486	1/15/2024 9:49	1/15/2024 19:07	558	0
1342974	1/15/2024 9:50	1/15/2024 18:46	536	0
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323657	1/15/2024 9:50	1/15/2024 19:06	556	0
324290	1/15/2024 9:50	1/15/2024 19:07	557	0
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315346	1/15/2024 9:51	1/15/2024 19:04	553	0
315380	1/15/2024 9:51	1/15/2024 19:13	562	0
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313731	1/15/2024 9:53	1/15/2024 19:09	556	0
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418291	1/15/2024 9:56	1/15/2024 10:12	16	0
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590897	1/15/2024 9:58	1/15/2024 18:59	541	0
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596493	1/15/2024 9:58	1/15/2024 19:03	545	0
1556565	1/15/2024 9:58	1/15/2024 14:16	258	0
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1494722	1/15/2024 9:58	1/15/2024 19:06	548	0
47769	1/15/2024 9:58	1/15/2024 14:31	273	0
1513398	1/15/2024 9:58	1/15/2024 11:43	105	0
595591	1/15/2024 9:58	1/15/2024 19:02	544	0
49209	1/15/2024 9:59	1/15/2024 14:32	273	0
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8972545	1/15/2024 10:41	1/15/2024 19:00	499	0
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325050	1/15/2024 11:04	1/15/2024 19:07	483	0
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127206	1/15/2024 11:05	1/16/2024 9:00	1314.75	0
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346967	1/15/2024 11:40	1/15/2024 13:10	90	0
1324815	1/15/2024 11:40	1/15/2024 12:28	48	0
346288	1/15/2024 11:42	1/15/2024 18:58	436	0
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982261	1/15/2024 11:44	1/15/2024 12:00	16	0
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418291	1/15/2024 11:57	1/15/2024 16:56	299	0
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418876	1/15/2024 11:58	1/15/2024 14:30	152	0
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611363	1/15/2024 12:06	1/16/2024 9:00	1253.9	0
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979888	1/15/2024 12:14	1/15/2024 16:15	241	0
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1513959	1/15/2024 12:15	1/15/2024 12:57	42	0
563721	1/15/2024 12:15	1/15/2024 14:31	136	0
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982261	1/15/2024 12:16	1/15/2024 18:55	399	0
1343695	1/15/2024 12:16	1/15/2024 18:50	394	0
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926657	1/15/2024 13:03	1/16/2024 9:00	1196.87	0
6761269	1/15/2024 13:07	1/15/2024 14:11	64	0
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817825	1/15/2024 13:42	1/15/2024 15:44	122	0
816722	1/15/2024 13:43	1/15/2024 15:49	126	0
817260	1/15/2024 13:45	1/15/2024 18:59	314	0
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562658	1/15/2024 13:52	1/15/2024 14:08	16	0
548347	1/15/2024 13:54	1/15/2024 14:09	15	0
1985687	1/15/2024 13:54	1/15/2024 13:59	5	0
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1632561	1/15/2024 14:03	1/15/2024 19:13	310	0
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1348773	1/15/2024 14:06	1/15/2024 14:24	18	0
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1349542	1/15/2024 14:06	1/15/2024 14:22	16	0
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1351539	1/15/2024 14:08	1/15/2024 14:24	16	0
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8734349	1/15/2024 14:08	1/15/2024 14:24	16	0
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1346455	1/15/2024 14:10	1/15/2024 14:26	16	0
1348444	1/15/2024 14:10	1/15/2024 14:26	16	0
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6761269	1/15/2024 14:11	1/15/2024 15:56	105	0
1503634	1/15/2024 14:12	1/15/2024 18:56	284	0
345647	1/15/2024 14:12	1/15/2024 19:12	300	0
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1350499	1/15/2024 14:12	1/15/2024 14:22	10	0
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1310069	1/15/2024 14:14	1/15/2024 14:30	16	0
1985687	1/15/2024 14:15	1/16/2024 9:00	1124.9	0
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1346665	1/15/2024 14:22	1/15/2024 14:54	32	0
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1350499	1/15/2024 14:22	1/15/2024 14:54	32	0
1346671	1/15/2024 14:22	1/15/2024 15:26	64	0
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1519715	1/15/2024 14:23	1/15/2024 19:11	288	0
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1321750	1/15/2024 14:24	1/15/2024 18:52	268	0
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1351588	1/15/2024 14:26	1/15/2024 14:54	28	0
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417158	1/15/2024 14:26	1/15/2024 14:58	32	0

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1368745	1/15/2024 14:28	1/15/2024 15:00	32	0
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1556246	1/15/2024 14:33	1/15/2024 14:48	15	0
510307	1/15/2024 14:34	1/15/2024 18:46	252	0
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507365	1/15/2024 14:36	1/15/2024 19:00	264	0
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8387677	1/15/2024 14:38	1/15/2024 19:06	268	0
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1064575	1/15/2024 14:41	1/15/2024 19:07	266	0
415949	1/15/2024 14:42	1/15/2024 18:48	246	0
1275035	1/15/2024 14:42	1/15/2024 18:54	252	0
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1378128	1/15/2024 14:42	1/15/2024 19:04	262	0
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7518767	1/15/2024 14:43	1/15/2024 19:16	273	0
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8605921	1/15/2024 14:44	1/15/2024 19:17	273	0
419418	1/15/2024 14:44	1/15/2024 18:50	246	0
1310069	1/15/2024 14:44	1/15/2024 19:00	256	0
48217	1/15/2024 14:45	1/15/2024 19:13	268	0

9313875	1/15/2024 14:45	1/15/2024 19:08	263	0
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1557303	1/15/2024 14:46	1/15/2024 19:07	261	0
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54324	1/15/2024 14:46	1/15/2024 19:08	262	0
563721	1/15/2024 14:47	1/15/2024 18:48	241	0
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1349605	1/15/2024 14:54	1/15/2024 19:06	252	0
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8734349	1/15/2024 14:54	1/15/2024 19:06	252	0
1350104	1/15/2024 14:54	1/15/2024 19:06	252	0
1348780	1/15/2024 14:54	1/15/2024 19:06	252	0
1350975	1/15/2024 14:54	1/15/2024 19:00	246	0
1351588	1/15/2024 14:54	1/15/2024 19:10	256	0
1350499	1/15/2024 14:54	1/15/2024 19:00	246	0
1346665	1/15/2024 14:54	1/15/2024 19:06	252	0
1349542	1/15/2024 14:56	1/15/2024 18:58	242	0
1348773	1/15/2024 14:56	1/15/2024 18:56	240	0
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446126	1/15/2024 14:58	1/16/2024 9:00	1081.9	0
417158	1/15/2024 14:58	1/15/2024 18:48	230	0
988954	1/15/2024 14:59	1/15/2024 18:44	225	0
10628562	1/15/2024 14:59	1/15/2024 19:11	252	0
1368745	1/15/2024 15:00	1/15/2024 18:56	236	0
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1348300	1/15/2024 15:06	1/15/2024 19:02	236	0
21306	1/15/2024 15:08	1/15/2024 19:03	235	0
1351539	1/15/2024 15:08	1/15/2024 19:10	242	0
21820	1/15/2024 15:09	1/15/2024 19:03	234	0
416557	1/15/2024 15:14	1/15/2024 18:38	204	0
1610090	1/15/2024 15:16	1/15/2024 19:06	230	0
267537	1/15/2024 15:18	1/15/2024 19:03	225	0
1672784	1/15/2024 15:19	1/16/2024 9:00	1060.9	0
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1348444	1/15/2024 15:22	1/15/2024 19:02	220	0

574993	1/15/2024 15:22	1/15/2024 15:26	4	0
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1346671	1/15/2024 15:26	1/15/2024 19:06	220	0
574993	1/15/2024 15:26	1/16/2024 9:00	1053.9	0
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1349338	1/15/2024 15:38	1/15/2024 19:04	206	0
328113	1/15/2024 15:42	1/15/2024 16:14	32	0
907989	1/15/2024 15:42	1/15/2024 19:01	199	0
907747	1/15/2024 15:44	1/15/2024 19:09	205	0
906679	1/15/2024 15:44	1/15/2024 18:54	190	0
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905320	1/15/2024 15:45	1/16/2024 9:00	1034.87	0
906406	1/15/2024 15:46	1/15/2024 19:00	194	0
816722	1/15/2024 15:49	1/15/2024 18:58	189	0
317195	1/15/2024 15:51	1/15/2024 19:06	195	0
562346	1/15/2024 15:53	1/15/2024 19:07	194	0
562202	1/15/2024 15:53	1/15/2024 15:58	5	0
1074779	1/15/2024 15:54	1/15/2024 19:02	188	0
560588	1/15/2024 15:55	1/15/2024 18:58	183	0
6761269	1/15/2024 15:56	1/15/2024 18:59	183	0
562202	1/15/2024 15:58	1/16/2024 9:00	1021.9	0
10691024	1/15/2024 16:01	1/15/2024 19:15	194	0
10659208	1/15/2024 16:03	1/15/2024 19:01	178	0
561757	1/15/2024 16:03	1/15/2024 19:01	178	0
338734	1/15/2024 16:04	1/15/2024 19:02	178	0
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304265	1/15/2024 16:13	1/15/2024 19:08	175	0
328113	1/15/2024 16:14	1/15/2024 19:07	173	0
304209	1/15/2024 16:15	1/15/2024 19:05	170	0
979888	1/15/2024 16:15	1/15/2024 18:42	147	0
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418291	1/15/2024 16:56	1/15/2024 18:46	110	0
1334393	1/15/2024 17:14	1/15/2024 18:58	104	0
1565203	1/15/2024 18:13	1/15/2024 19:17	64	0
573050	1/15/2024 18:31	1/16/2024 9:00	868.9	0
552705	1/15/2024 18:35	1/16/2024 9:00	864.9	0
416557	1/15/2024 18:38	1/16/2024 9:00	861.9	0
574596	1/15/2024 18:40	1/16/2024 9:00	859.9	0
510974	1/15/2024 18:40	1/16/2024 9:00	859.9	0
1321605	1/15/2024 18:42	1/16/2024 9:00	857.02	0
979888	1/15/2024 18:42	1/16/2024 8:02	800	0
1093833	1/15/2024 18:44	1/16/2024 9:00	855.9	0

980398	1/15/2024 18:44	1/16/2024 9:00	855.43	0
995564	1/15/2024 18:44	1/16/2024 9:00	855.43	0
988954	1/15/2024 18:44	1/16/2024 9:00	855.43	0
1671958	1/15/2024 18:44	1/16/2024 9:00	855.9	0
418291	1/15/2024 18:46	1/16/2024 9:00	853.9	0
1342974	1/15/2024 18:46	1/16/2024 9:00	853.02	0
510307	1/15/2024 18:46	1/16/2024 9:00	853.9	0
564518	1/15/2024 18:46	1/16/2024 9:00	853.9	0
415949	1/15/2024 18:48	1/16/2024 9:00	851.9	0
1320008	1/15/2024 18:48	1/16/2024 9:00	851.02	0
1523524	1/15/2024 18:48	1/16/2024 9:00	851.18	0
1333801	1/15/2024 18:48	1/16/2024 9:00	851.02	0
417158	1/15/2024 18:48	1/16/2024 9:00	851.9	0
1332906	1/15/2024 18:48	1/16/2024 9:00	851.02	0
1324907	1/15/2024 18:48	1/16/2024 9:00	851.02	0
563721	1/15/2024 18:48	1/16/2024 9:00	851.9	0
981933	1/15/2024 18:48	1/16/2024 8:01	793	0
2032900	1/15/2024 18:48	1/16/2024 9:00	851.02	0
1654064	1/15/2024 18:49	1/16/2024 9:00	850.43	0
810130	1/15/2024 18:49	1/16/2024 9:00	850.87	0
553863	1/15/2024 18:49	1/16/2024 9:00	850.9	0
991227	1/15/2024 18:50	1/16/2024 9:00	849.43	0
1349244	1/15/2024 18:50	1/16/2024 9:00	849.02	0
1343695	1/15/2024 18:50	1/16/2024 9:00	849.02	0
419418	1/15/2024 18:50	1/16/2024 9:00	849.9	0
567126	1/15/2024 18:51	1/16/2024 9:00	848.9	0
997397	1/15/2024 18:51	1/16/2024 9:00	848.43	0
1321750	1/15/2024 18:52	1/16/2024 9:00	847.02	0
456099	1/15/2024 18:52	1/16/2024 9:00	847.9	0
1343091	1/15/2024 18:54	1/16/2024 9:00	845.02	0
155839	1/15/2024 18:54	1/16/2024 9:00	845.43	0
1393699	1/15/2024 18:54	1/16/2024 9:00	845.02	0
1275035	1/15/2024 18:54	1/16/2024 9:00	845.02	0
906679	1/15/2024 18:54	1/16/2024 9:00	845.87	0
580808	1/15/2024 18:55	1/16/2024 8:39	824	0
552210	1/15/2024 18:55	1/16/2024 9:00	844.9	0
860281	1/15/2024 18:55	1/16/2024 9:00	844.87	0
501613	1/15/2024 18:55	1/16/2024 9:00	844.9	0
982261	1/15/2024 18:55	1/16/2024 8:03	788	0
454901	1/15/2024 18:55	1/16/2024 9:00	844.9	0
808384	1/15/2024 18:55	1/16/2024 9:00	844.87	0
454861	1/15/2024 18:56	1/16/2024 9:00	843.9	0
1378141	1/15/2024 18:56	1/16/2024 9:00	843.02	0
1499332	1/15/2024 18:56	1/16/2024 9:00	843.02	0
1309098	1/15/2024 18:56	1/16/2024 9:00	843.02	0
1368745	1/15/2024 18:56	1/16/2024 9:00	843.02	0
1408573	1/15/2024 18:56	1/16/2024 9:00	843.02	0

1378273	1/15/2024 18:56	1/16/2024 9:00	843.02	0
430114	1/15/2024 18:56	1/16/2024 9:00	843.9	0
1503634	1/15/2024 18:56	1/16/2024 9:00	843.02	0
1348773	1/15/2024 18:56	1/16/2024 9:00	843.02	0
8668965	1/15/2024 18:57	1/16/2024 9:00	842.9	0
197690	1/15/2024 18:57	1/16/2024 9:00	842.75	0
498070	1/15/2024 18:57	1/16/2024 9:00	842.9	0
500173	1/15/2024 18:57	1/16/2024 9:00	842.9	0
1064514	1/15/2024 18:57	1/16/2024 9:00	842.43	0
1672454	1/15/2024 18:57	1/16/2024 9:00	842.9	0
1350597	1/15/2024 18:58	1/16/2024 9:00	841.02	0
346288	1/15/2024 18:58	1/16/2024 9:00	841.75	0
1434359	1/15/2024 18:58	1/16/2024 9:00	841.18	0
1433697	1/15/2024 18:58	1/16/2024 8:27	809	0
1393633	1/15/2024 18:58	1/16/2024 9:00	841.02	0
560588	1/15/2024 18:58	1/16/2024 9:00	841.9	0
1334393	1/15/2024 18:58	1/16/2024 9:00	841.02	0
350346	1/15/2024 18:58	1/16/2024 9:00	841.75	0
1406980	1/15/2024 18:58	1/16/2024 9:00	841.02	0
816722	1/15/2024 18:58	1/16/2024 9:00	841.87	0
1412757	1/15/2024 18:58	1/16/2024 9:00	841.02	0
418876	1/15/2024 18:58	1/16/2024 9:00	841.9	0
552870	1/15/2024 18:58	1/16/2024 9:00	841.9	0
1349542	1/15/2024 18:58	1/16/2024 9:00	841.02	0
251248	1/15/2024 18:59	1/16/2024 9:00	840.75	0
590897	1/15/2024 18:59	1/16/2024 9:00	840.9	0
196408	1/15/2024 18:59	1/16/2024 9:00	840.75	0
817260	1/15/2024 18:59	1/16/2024 9:00	840.87	0
7879030	1/15/2024 18:59	1/16/2024 9:00	840.9	0
6761269	1/15/2024 18:59	1/16/2024 9:00	840.75	0
1093889	1/15/2024 18:59	1/16/2024 8:39	820	0
552598	1/15/2024 19:00	1/16/2024 9:00	839.9	0
511266	1/15/2024 19:00	1/16/2024 9:00	839.9	0
347230	1/15/2024 19:00	1/16/2024 7:57	777	0
314564	1/15/2024 19:00	1/16/2024 9:00	839.75	0
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314188	1/15/2024 19:00	1/16/2024 9:00	839.75	0
160073	1/15/2024 19:00	1/16/2024 9:00	839.43	0
1350499	1/15/2024 19:00	1/16/2024 9:00	839.02	0
507365	1/15/2024 19:00	1/16/2024 9:00	839.9	0
639125	1/15/2024 19:00	1/16/2024 9:00	839.9	0
906406	1/15/2024 19:00	1/16/2024 9:00	839.87	0
1093722	1/15/2024 19:00	1/16/2024 8:34	814	0
8972545	1/15/2024 19:00	1/16/2024 9:00	839.9	0
455629	1/15/2024 19:00	1/16/2024 9:00	839.9	0
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562658	1/15/2024 19:01	1/16/2024 9:00	838.9	0
639221	1/15/2024 19:01	1/16/2024 9:00	838.9	0
41508	1/15/2024 19:01	1/16/2024 9:00	838.75	0
277818	1/15/2024 19:01	1/16/2024 9:00	838.75	0
907989	1/15/2024 19:01	1/16/2024 9:00	838.87	0
197883	1/15/2024 19:01	1/16/2024 9:00	838.75	0
8434548	1/15/2024 19:01	1/16/2024 9:00	838.75	0
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595591	1/15/2024 19:02	1/16/2024 9:00	837.9	0
800590	1/15/2024 19:02	1/16/2024 9:00	837.87	0
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800588	1/15/2024 19:02	1/16/2024 9:00	837.87	0
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8910809	1/15/2024 19:02	1/16/2024 9:00	837.9	0
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1348300	1/15/2024 19:02	1/16/2024 9:00	837.02	0
1348444	1/15/2024 19:02	1/16/2024 9:00	837.02	0
1469850	1/15/2024 19:02	1/16/2024 7:56	774	0
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21820	1/15/2024 19:03	1/16/2024 9:00	836.75	0
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639074	1/15/2024 19:03	1/16/2024 9:00	836.9	0

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315752	1/15/2024 19:03	1/16/2024 9:00	836.75	0
1466638	1/15/2024 19:03	1/16/2024 8:19	796	0
267537	1/15/2024 19:03	1/16/2024 9:00	836.75	0
859747	1/15/2024 19:03	1/16/2024 9:00	836.87	0
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8524544	1/15/2024 19:04	1/16/2024 9:00	835.75	0
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47769	1/15/2024 19:04	1/16/2024 9:00	835.75	0
547577	1/15/2024 19:04	1/16/2024 9:00	835.75	0
1553245	1/15/2024 19:04	1/16/2024 9:00	835.18	0
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1557100	1/15/2024 19:04	1/16/2024 9:00	835.18	0
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304785	1/15/2024 19:04	1/16/2024 9:00	835.75	0
1463218	1/15/2024 19:04	1/16/2024 9:00	835.18	0
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275018	1/15/2024 19:04	1/16/2024 9:00	835.75	0
317797	1/15/2024 19:04	1/16/2024 9:00	835.75	0
312846	1/15/2024 19:04	1/16/2024 9:00	835.75	0
1556565	1/15/2024 19:04	1/16/2024 9:00	835.18	0
1459057	1/15/2024 19:04	1/16/2024 9:00	835.18	0
4173986	1/15/2024 19:04	1/16/2024 9:00	835.75	0
605186	1/15/2024 19:05	1/16/2024 9:00	834.9	0
304209	1/15/2024 19:05	1/16/2024 9:00	834.75	0
1437276	1/15/2024 19:05	1/16/2024 9:00	834.18	0
279833	1/15/2024 19:05	1/16/2024 9:00	834.75	0
455994	1/15/2024 19:05	1/16/2024 9:00	834.9	0
350517	1/15/2024 19:05	1/16/2024 9:00	834.75	0
589615	1/15/2024 19:05	1/16/2024 9:00	834.9	0
1524033	1/15/2024 19:05	1/16/2024 9:00	834.18	0
304345	1/15/2024 19:05	1/16/2024 9:00	834.75	0
197561	1/15/2024 19:05	1/16/2024 9:00	834.75	0
315169	1/15/2024 19:05	1/16/2024 9:00	834.75	0
308058	1/15/2024 19:05	1/16/2024 9:00	834.75	0
49209	1/15/2024 19:05	1/16/2024 9:00	834.75	0
455345	1/15/2024 19:06	1/16/2024 9:00	833.9	0
1415714	1/15/2024 19:06	1/16/2024 9:00	833.02	0
1385122	1/15/2024 19:06	1/16/2024 9:00	833.02	0

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274125	1/15/2024 19:06	1/16/2024 9:00	833.75	0
1350104	1/15/2024 19:06	1/16/2024 8:56	830	0
1346671	1/15/2024 19:06	1/16/2024 9:00	833.02	0
313011	1/15/2024 19:06	1/16/2024 9:00	833.75	0
1683861	1/15/2024 19:06	1/16/2024 9:00	833.75	0
1556486	1/15/2024 19:06	1/16/2024 9:00	833.18	0
1557676	1/15/2024 19:06	1/16/2024 9:00	833.18	0
1702895	1/15/2024 19:06	1/16/2024 9:00	833.02	0
1494722	1/15/2024 19:06	1/16/2024 9:00	833.02	0
1377844	1/15/2024 19:06	1/16/2024 9:00	833.02	0
1348780	1/15/2024 19:06	1/16/2024 9:00	833.02	0
8387677	1/15/2024 19:06	1/16/2024 9:00	833.75	0
1190246	1/15/2024 19:06	1/16/2024 9:00	833.02	0
315616	1/15/2024 19:06	1/16/2024 9:00	833.75	0
275495	1/15/2024 19:06	1/16/2024 9:00	833.75	0
9524954	1/15/2024 19:06	1/16/2024 9:00	833.18	0
5888149	1/15/2024 19:06	1/16/2024 9:00	833.75	0
1346665	1/15/2024 19:06	1/16/2024 9:00	833.02	0
1509487	1/15/2024 19:06	1/16/2024 9:00	833.18	0
315604	1/15/2024 19:06	1/16/2024 9:00	833.75	0
323657	1/15/2024 19:06	1/16/2024 9:00	833.75	0
317195	1/15/2024 19:06	1/16/2024 9:00	833.75	0
1349605	1/15/2024 19:06	1/16/2024 9:00	833.02	0
8734349	1/15/2024 19:06	1/16/2024 9:00	833.02	0
1557188	1/15/2024 19:06	1/16/2024 9:00	833.18	0
1610090	1/15/2024 19:06	1/16/2024 9:00	833.18	0
1509486	1/15/2024 19:07	1/16/2024 9:00	832.18	0
1444809	1/15/2024 19:07	1/16/2024 7:54	767	0
1514000	1/15/2024 19:07	1/16/2024 9:00	832.18	0
801004	1/15/2024 19:07	1/16/2024 9:00	832.87	0
446329	1/15/2024 19:07	1/16/2024 9:00	832.9	0
346185	1/15/2024 19:07	1/16/2024 9:00	832.75	0
325050	1/15/2024 19:07	1/16/2024 9:00	832.75	0
345957	1/15/2024 19:07	1/16/2024 9:00	832.75	0
324290	1/15/2024 19:07	1/16/2024 9:00	832.75	0
314945	1/15/2024 19:07	1/16/2024 9:00	832.75	0
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1251782	1/15/2024 19:07	1/16/2024 9:00	832.87	0
1557303	1/15/2024 19:07	1/16/2024 9:00	832.18	0
1445317	1/15/2024 19:07	1/16/2024 8:12	785	0
328113	1/15/2024 19:07	1/16/2024 9:00	832.75	0
1437279	1/15/2024 19:07	1/16/2024 9:00	832.18	0
276488	1/15/2024 19:07	1/16/2024 9:00	832.75	0
539938	1/15/2024 19:07	1/16/2024 9:00	832.9	0
469018	1/15/2024 19:07	1/16/2024 9:00	832.9	0
562346	1/15/2024 19:07	1/16/2024 9:00	832.9	0

1431804	1/15/2024 19:07	1/16/2024 9:00	832.18	0
601397	1/15/2024 19:07	1/16/2024 9:00	832.9	0
1350598	1/15/2024 19:08	1/16/2024 8:26	798	0
304265	1/15/2024 19:08	1/16/2024 9:00	831.75	0
54324	1/15/2024 19:08	1/16/2024 9:00	831.75	0
1439908	1/15/2024 19:08	1/16/2024 9:00	831.18	0
323747	1/15/2024 19:08	1/16/2024 9:00	831.75	0
1446401	1/15/2024 19:08	1/16/2024 9:00	831.18	0
346967	1/15/2024 19:08	1/16/2024 9:00	831.75	0
1465391	1/15/2024 19:08	1/16/2024 8:11	783	0
1346455	1/15/2024 19:08	1/16/2024 9:00	831.02	0
252922	1/15/2024 19:08	1/16/2024 9:00	831.75	0
9313875	1/15/2024 19:08	1/16/2024 9:00	831.18	0
1466357	1/15/2024 19:08	1/16/2024 9:00	831.18	0
1431752	1/15/2024 19:08	1/16/2024 9:00	831.18	0
125572	1/15/2024 19:09	1/16/2024 9:00	830.75	0
7178975	1/15/2024 19:09	1/16/2024 9:00	830.75	0
1609484	1/15/2024 19:09	1/16/2024 8:01	772	0
907747	1/15/2024 19:09	1/16/2024 9:00	830.87	0
1430294	1/15/2024 19:09	1/16/2024 9:00	830.18	0
1520371	1/15/2024 19:09	1/16/2024 9:00	830.18	0
523018	1/15/2024 19:09	1/16/2024 9:00	830.87	0
8068454	1/15/2024 19:09	1/16/2024 9:00	830.9	0
313731	1/15/2024 19:09	1/16/2024 9:00	830.75	0
1433348	1/15/2024 19:09	1/16/2024 7:55	766	0
11120838	1/15/2024 19:09	1/16/2024 9:00	830.75	0
1554218	1/15/2024 19:10	1/16/2024 9:00	829.18	0
1556246	1/15/2024 19:10	1/16/2024 9:00	829.18	0
1607889	1/15/2024 19:10	1/16/2024 9:00	829.18	0
313269	1/15/2024 19:10	1/16/2024 9:00	829.75	0
638816	1/15/2024 19:10	1/16/2024 9:00	829.9	0
1609415	1/15/2024 19:10	1/16/2024 8:00	770	0
1376158	1/15/2024 19:10	1/16/2024 8:20	790	0
5212517	1/15/2024 19:10	1/16/2024 9:00	829.75	0
303510	1/15/2024 19:10	1/16/2024 9:00	829.75	0
1351588	1/15/2024 19:10	1/16/2024 8:38	808	0
1377393	1/15/2024 19:10	1/16/2024 9:00	829.02	0
315730	1/15/2024 19:10	1/16/2024 9:00	829.75	0
277301	1/15/2024 19:10	1/16/2024 9:00	829.75	0
1466445	1/15/2024 19:10	1/16/2024 8:09	779	0
1521655	1/15/2024 19:10	1/16/2024 9:00	829.18	0
1432940	1/15/2024 19:10	1/16/2024 7:51	761	0
1351539	1/15/2024 19:10	1/16/2024 9:00	829.02	0
344958	1/15/2024 19:10	1/16/2024 9:00	829.75	0
1595324	1/15/2024 19:11	1/16/2024 9:00	828.18	0
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1430644	1/15/2024 19:11	1/16/2024 9:00	828.18	0

1519715	1/15/2024 19:11	1/16/2024 9:00	828.18	0
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1435531	1/15/2024 19:11	1/16/2024 9:00	828.18	0
346135	1/15/2024 19:11	1/16/2024 9:00	828.75	0
10628562	1/15/2024 19:11	1/16/2024 9:00	828.18	0
324249	1/15/2024 19:11	1/16/2024 9:00	828.75	0
597560	1/15/2024 19:11	1/16/2024 9:00	828.9	0
10393495	1/15/2024 19:12	1/16/2024 9:00	827.75	0
316630	1/15/2024 19:12	1/16/2024 9:00	827.75	0
1513911	1/15/2024 19:12	1/16/2024 9:00	827.18	0
346347	1/15/2024 19:12	1/16/2024 9:00	827.75	0
7902724	1/15/2024 19:12	1/16/2024 8:35	803	0
1375642	1/15/2024 19:12	1/16/2024 9:00	827.02	0
1493132	1/15/2024 19:12	1/16/2024 9:00	827.02	0
314163	1/15/2024 19:12	1/16/2024 9:00	827.75	0
345647	1/15/2024 19:12	1/16/2024 9:00	827.75	0
56060	1/15/2024 19:12	1/16/2024 9:00	827.75	0
8486022	1/15/2024 19:13	1/16/2024 9:00	826.18	0
1512146	1/15/2024 19:13	1/16/2024 8:10	777	0
320966	1/15/2024 19:13	1/16/2024 9:00	826.75	0
498597	1/15/2024 19:13	1/16/2024 9:00	826.9	0
281235	1/15/2024 19:13	1/16/2024 9:00	826.75	0
1462990	1/15/2024 19:13	1/16/2024 9:00	826.18	0
48217	1/15/2024 19:13	1/16/2024 9:00	826.75	0
642003	1/15/2024 19:13	1/16/2024 9:00	826.9	0
251189	1/15/2024 19:13	1/16/2024 9:00	826.75	0
521348	1/15/2024 19:13	1/16/2024 9:00	826.87	0
1632561	1/15/2024 19:13	1/16/2024 9:00	826.18	0
315380	1/15/2024 19:13	1/16/2024 9:00	826.75	0
304845	1/15/2024 19:13	1/16/2024 9:00	826.75	0
313954	1/15/2024 19:13	1/16/2024 9:00	826.75	0
8495805	1/15/2024 19:13	1/16/2024 9:00	826.9	0
349467	1/15/2024 19:14	1/16/2024 9:00	825.75	0
1515964	1/15/2024 19:14	1/16/2024 9:00	825.18	0
1609551	1/15/2024 19:14	1/16/2024 9:00	825.18	0
1430838	1/15/2024 19:14	1/16/2024 9:00	825.18	0
1394365	1/15/2024 19:14	1/16/2024 9:00	825.02	0
1469270	1/15/2024 19:14	1/16/2024 8:55	821	0
7533405	1/15/2024 19:14	1/16/2024 9:00	825.75	0
9063373	1/15/2024 19:14	1/16/2024 9:00	825.02	0
1430553	1/15/2024 19:14	1/16/2024 9:00	825.18	0
304295	1/15/2024 19:14	1/16/2024 9:00	825.75	0
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1081237	1/15/2024 19:15	1/16/2024 9:00	824.9	0
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342572	1/15/2024 19:16	1/16/2024 9:00	823.75	0
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8605921	1/15/2024 19:17	1/16/2024 9:00	822.75	0
324045	1/15/2024 19:17	1/16/2024 9:00	822.75	0
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1469850	1/16/2024 7:56	1/16/2024 9:00	63.18	0
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347230	1/16/2024 7:57	1/16/2024 9:00	62.75	0
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1445317	1/16/2024 8:12	1/16/2024 9:00	47.18	0

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1350598	1/16/2024 8:26	1/16/2024 9:00	33.02	0
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8511623	1/16/2024 8:39	1/16/2024 9:00	20.75	0
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1469270	1/16/2024 8:55	1/16/2024 9:00	4.18	0
1350104	1/16/2024 8:56	1/16/2024 9:00	3.02	0
1324815	1/16/2024 8:56	1/16/2024 9:00	3.02	0
1326407	1/16/2024 8:58	1/16/2024 9:00	1.02	0
1985687	1/16/2024 9:00	1/17/2024 9:00	1439.9	0
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6761269	1/16/2024 9:00	1/16/2024 19:04	604	0
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447406	1/16/2024 9:00	1/17/2024 9:00	1439.9	0
1552447	1/16/2024 9:00	1/17/2024 9:00	1439.18	0
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195839	1/16/2024 9:00	1/16/2024 17:03	483	0
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336940	1/16/2024 9:00	1/17/2024 9:00	1439.75	0
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325050	1/16/2024 9:07	1/16/2024 14:08	301	0
169425	1/16/2024 9:07	1/16/2024 14:11	304	0
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1453263	1/16/2024 9:07	1/16/2024 15:09	362	0

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554089	1/16/2024 9:08	1/17/2024 9:00	1431.9	0
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1469850	1/16/2024 9:09	1/16/2024 18:36	567	0
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1351588	1/16/2024 9:10	1/16/2024 18:36	566	0
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981933	1/16/2024 9:14	1/16/2024 18:41	567	0
328113	1/16/2024 9:15	1/16/2024 17:44	509	0
350406	1/16/2024 9:16	1/16/2024 11:32	136	0
347230	1/16/2024 9:16	1/16/2024 17:15	479	0
982261	1/16/2024 9:16	1/16/2024 18:13	537	0
979888	1/16/2024 9:16	1/16/2024 18:14	538	0
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56060	1/16/2024 9:17	1/16/2024 14:32	315	0
304345	1/16/2024 9:17	1/16/2024 18:44	567	0
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1093722	1/16/2024 9:21	1/16/2024 15:07	346	0
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304845	1/16/2024 9:29	1/16/2024 14:30	301	0
1394365	1/16/2024 9:30	1/16/2024 18:18	528	0
1494722	1/16/2024 9:30	1/16/2024 17:54	504	0
9063373	1/16/2024 9:30	1/16/2024 18:48	558	0
1326407	1/16/2024 9:30	1/16/2024 18:16	526	0
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350517	1/16/2024 9:32	1/16/2024 18:58	566	0
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1396057	1/16/2024 9:32	1/16/2024 19:14	582	0
1459057	1/16/2024 9:32	1/17/2024 9:00	1407.18	0
1406535	1/16/2024 9:32	1/16/2024 19:00	568	0
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276488	1/16/2024 9:33	1/16/2024 17:54	501	0
573050	1/16/2024 9:34	1/16/2024 15:25	351	0
9313875	1/16/2024 9:35	1/16/2024 11:20	105	0
275018	1/16/2024 9:36	1/16/2024 17:51	495	0
1432940	1/16/2024 9:36	1/16/2024 18:59	563	0
4173986	1/16/2024 9:36	1/16/2024 18:10	514	0
8206792	1/16/2024 9:37	1/16/2024 14:11	274	0
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275495	1/16/2024 9:37	1/16/2024 17:47	490	0
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279833	1/16/2024 9:38	1/16/2024 18:52	554	0
315604	1/16/2024 9:38	1/16/2024 17:47	489	0
274522	1/16/2024 9:38	1/16/2024 19:24	586	0
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313954	1/16/2024 9:39	1/16/2024 18:19	520	0
315380	1/16/2024 9:39	1/16/2024 18:21	522	0
314564	1/16/2024 9:39	1/16/2024 17:38	479	0
1349338	1/16/2024 9:40	1/16/2024 18:58	558	0
1351539	1/16/2024 9:40	1/16/2024 18:16	516	0
1349542	1/16/2024 9:40	1/16/2024 15:00	320	0
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313731	1/16/2024 9:41	1/16/2024 18:31	530	0
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1346665	1/16/2024 9:42	1/16/2024 18:10	508	0
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1349244	1/16/2024 9:42	1/16/2024 14:52	310	0
251189	1/16/2024 9:44	1/16/2024 18:19	515	0
1350499	1/16/2024 9:44	1/16/2024 17:36	472	0
1348780	1/16/2024 9:44	1/16/2024 10:00	16	0

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1430553	1/16/2024 9:45	1/16/2024 19:18	573	0
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251248	1/16/2024 9:47	1/16/2024 19:05	558	0
1556434	1/16/2024 9:47	1/16/2024 18:27	520	0
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500173	1/16/2024 9:50	1/16/2024 18:47	537	0
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1077082	1/16/2024 9:51	1/16/2024 18:42	531	0
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317195	1/16/2024 9:53	1/16/2024 10:25	32	0
1509487	1/16/2024 9:53	1/16/2024 18:17	504	0
8972545	1/16/2024 9:53	1/16/2024 19:05	552	0
8605921	1/16/2024 9:54	1/16/2024 18:56	542	0
346288	1/16/2024 9:55	1/16/2024 19:18	563	0
315346	1/16/2024 9:55	1/16/2024 17:25	450	0
991227	1/16/2024 9:55	1/16/2024 14:12	257	0
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314945	1/16/2024 9:56	1/16/2024 19:26	570	0
342796	1/16/2024 9:57	1/16/2024 17:46	469	0
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315345	1/16/2024 9:58	1/16/2024 17:46	468	0
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8734349	1/16/2024 10:00	1/16/2024 18:40	520	0
1348780	1/16/2024 10:00	1/16/2024 17:38	458	0
8621797	1/16/2024 10:00	1/16/2024 19:18	558	0

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817260	1/16/2024 10:01	1/16/2024 19:22	561	0
1513240	1/16/2024 10:01	1/16/2024 14:34	273	0
49209	1/16/2024 10:01	1/16/2024 19:25	564	0
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1251782	1/16/2024 10:03	1/16/2024 18:54	531	0
980398	1/16/2024 10:03	1/16/2024 18:11	488	0
353728	1/16/2024 10:03	1/16/2024 19:00	537	0
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47769	1/16/2024 10:04	1/16/2024 17:27	443	0
7178975	1/16/2024 10:04	1/16/2024 10:19	15	0
196408	1/16/2024 10:04	1/16/2024 17:07	423	0
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751178	1/16/2024 10:05	1/16/2024 11:35	90	0
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643812	1/16/2024 10:07	1/16/2024 14:26	259	0
644030	1/16/2024 10:07	1/16/2024 14:25	258	0
638816	1/16/2024 10:08	1/16/2024 15:08	300	0
197883	1/16/2024 10:08	1/16/2024 17:56	468	0
197629	1/16/2024 10:08	1/16/2024 18:10	482	0
643434	1/16/2024 10:08	1/16/2024 11:38	90	0
605186	1/16/2024 10:08	1/16/2024 19:22	554	0
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808829	1/16/2024 10:11	1/16/2024 14:26	255	0
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353371	1/16/2024 10:13	1/16/2024 18:17	484	0
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7178975	1/16/2024 10:19	1/16/2024 18:59	520	0
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6961293	1/16/2024 10:25	1/16/2024 12:56	151	0
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860281	1/16/2024 10:35	1/16/2024 11:54	79	0
1557188	1/16/2024 10:35	1/16/2024 11:01	26	0
1431752	1/16/2024 10:37	1/16/2024 11:40	63	0
300294	1/16/2024 10:37	1/16/2024 19:28	531	0

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872542	1/16/2024 10:55	1/16/2024 16:15	320	0
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643434	1/16/2024 11:38	1/16/2024 11:53	15	0
1431752	1/16/2024 11:40	1/16/2024 11:56	16	0
7533405	1/16/2024 11:47	1/16/2024 13:50	123	0
1557188	1/16/2024 11:48	1/16/2024 12:20	32	0
350406	1/16/2024 11:49	1/16/2024 18:12	383	0
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860281	1/16/2024 11:54	1/16/2024 15:08	194	0
1431752	1/16/2024 11:56	1/16/2024 18:52	416	0
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1557303	1/16/2024 12:55	1/16/2024 18:05	310	0
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317195	1/16/2024 12:56	1/17/2024 9:00	1203.75	0
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6961293	1/16/2024 12:56	1/17/2024 9:00	1203.75	0
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800590	1/16/2024 12:57	1/16/2024 14:26	89	0
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313011	1/16/2024 12:59	1/16/2024 18:14	315	0
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642003	1/16/2024 13:08	1/16/2024 13:54	46	0

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8495802	1/16/2024 13:28	1/16/2024 14:15	47	0
29635	1/16/2024 13:42	1/17/2024 9:00	1157.75	0
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392754	1/16/2024 13:43	1/17/2024 9:00	1156.9	0
392223	1/16/2024 13:47	1/17/2024 9:00	1152.9	0
65245	1/16/2024 13:49	1/16/2024 14:34	45	0
7533405	1/16/2024 13:50	1/17/2024 9:00	1149.75	0
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1417138	1/16/2024 13:56	1/16/2024 17:58	242	0
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1443586	1/16/2024 14:07	1/16/2024 15:09	62	0
1444966	1/16/2024 14:08	1/16/2024 15:05	57	0
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325050	1/16/2024 14:08	1/16/2024 14:23	15	0
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1456419	1/16/2024 14:10	1/16/2024 18:27	257	0
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325050	1/16/2024 14:23	1/16/2024 14:39	16	0
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324045	1/16/2024 14:23	1/16/2024 14:39	16	0
1516786	1/16/2024 14:24	1/16/2024 14:45	21	0
8668965	1/16/2024 14:24	1/16/2024 14:39	15	0
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507365	1/16/2024 14:25	1/16/2024 18:15	230	0
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801004	1/16/2024 14:26	1/16/2024 18:17	231	0
800590	1/16/2024 14:26	1/16/2024 14:37	11	0
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808829	1/16/2024 14:26	1/16/2024 14:42	16	0

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595591	1/16/2024 14:29	1/16/2024 17:54	205	0
596493	1/16/2024 14:30	1/16/2024 17:50	200	0
1378128	1/16/2024 14:30	1/16/2024 14:46	16	0
1378273	1/16/2024 14:30	1/16/2024 14:46	16	0
449377	1/16/2024 14:30	1/16/2024 15:38	68	0
308058	1/16/2024 14:30	1/16/2024 14:46	16	0
304845	1/16/2024 14:30	1/16/2024 14:46	16	0
418876	1/16/2024 14:30	1/16/2024 17:54	204	0
1375227	1/16/2024 14:30	1/16/2024 14:44	14	0
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415949	1/16/2024 14:31	1/16/2024 17:45	194	0
808384	1/16/2024 14:32	1/16/2024 14:43	11	0
1493132	1/16/2024 14:32	1/16/2024 17:20	168	0
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11467920	1/16/2024 14:32	1/16/2024 18:32	240	0
56060	1/16/2024 14:32	1/16/2024 15:46	74	0
1513363	1/16/2024 14:33	1/16/2024 17:26	173	0
597560	1/16/2024 14:33	1/16/2024 17:53	200	0
598463	1/16/2024 14:33	1/16/2024 17:47	194	0
1513911	1/16/2024 14:33	1/16/2024 18:50	257	0
65245	1/16/2024 14:34	1/16/2024 14:49	15	0
1431804	1/16/2024 14:34	1/16/2024 17:43	189	0
304295	1/16/2024 14:34	1/16/2024 19:13	279	0
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267537	1/16/2024 14:34	1/16/2024 14:49	15	0
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800590	1/16/2024 14:37	1/16/2024 15:24	47	0
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127206	1/16/2024 14:38	1/17/2024 9:00	1101.75	0
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8668965	1/16/2024 14:39	1/16/2024 15:16	37	0
611270	1/16/2024 14:39	1/16/2024 15:10	31	0
8387677	1/16/2024 14:39	1/16/2024 19:18	279	0
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324290	1/16/2024 14:39	1/16/2024 18:45	246	0
325050	1/16/2024 14:39	1/16/2024 18:04	205	0
324045	1/16/2024 14:39	1/16/2024 18:56	257	0
1332906	1/16/2024 14:40	1/16/2024 14:50	10	0
611116	1/16/2024 14:40	1/16/2024 17:49	189	0
800588	1/16/2024 14:40	1/16/2024 15:21	41	0
808829	1/16/2024 14:42	1/16/2024 14:58	16	0
549617	1/16/2024 14:43	1/16/2024 18:50	247	0
808384	1/16/2024 14:43	1/16/2024 15:04	21	0

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1516786	1/16/2024 14:45	1/16/2024 18:47	242	0
1378273	1/16/2024 14:46	1/16/2024 19:08	262	0
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1378128	1/16/2024 14:46	1/16/2024 16:56	130	0
304845	1/16/2024 14:46	1/16/2024 18:16	210	0
1375642	1/16/2024 14:46	1/16/2024 19:14	268	0
593366	1/16/2024 14:47	1/17/2024 9:00	1092.9	0
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1064514	1/16/2024 14:48	1/16/2024 14:58	10	0
267537	1/16/2024 14:49	1/16/2024 19:28	279	0
309265	1/16/2024 14:49	1/16/2024 17:00	131	0
65245	1/16/2024 14:49	1/16/2024 15:04	15	0
1332906	1/16/2024 14:50	1/17/2024 9:00	1089.02	0
308032	1/16/2024 14:50	1/16/2024 18:14	204	0
1654064	1/16/2024 14:50	1/16/2024 15:00	10	0
1320008	1/16/2024 14:50	1/17/2024 9:00	1089.02	0
510307	1/16/2024 14:50	1/17/2024 9:00	1089.9	0
508593	1/16/2024 14:51	1/16/2024 18:05	194	0
1349244	1/16/2024 14:52	1/16/2024 14:58	6	0
509233	1/16/2024 14:52	1/16/2024 18:48	236	0
1333801	1/16/2024 14:52	1/16/2024 15:22	30	0
1307027	1/16/2024 14:52	1/16/2024 17:46	174	0
308802	1/16/2024 14:52	1/16/2024 18:32	220	0
561757	1/16/2024 14:52	1/16/2024 18:16	204	0
601397	1/16/2024 14:52	1/17/2024 9:00	1087.9	0
1405153	1/16/2024 14:52	1/17/2024 9:00	1087.02	0
997397	1/16/2024 14:53	1/16/2024 15:04	11	0
10659831	1/16/2024 14:53	1/16/2024 18:33	220	0
309944	1/16/2024 14:54	1/16/2024 18:03	189	0
21306	1/16/2024 14:54	1/16/2024 17:46	172	0
1446785	1/16/2024 14:54	1/16/2024 18:56	242	0
558031	1/16/2024 14:54	1/16/2024 17:58	184	0
642003	1/16/2024 14:55	1/16/2024 19:04	249	0
381338	1/16/2024 14:55	1/16/2024 19:22	267	0
8590289	1/16/2024 14:56	1/16/2024 18:47	231	0
639125	1/16/2024 14:57	1/16/2024 15:24	27	0
506261	1/16/2024 14:57	1/16/2024 18:05	188	0
1349244	1/16/2024 14:58	1/17/2024 0:50	592	0
808829	1/16/2024 14:58	1/16/2024 18:22	204	0
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639074	1/16/2024 15:00	1/16/2024 15:26	26	0
1349542	1/16/2024 15:00	1/16/2024 15:10	10	0
1368745	1/16/2024 15:00	1/17/2024 9:00	1079.02	0

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252922	1/16/2024 15:01	1/16/2024 18:10	189	0
13912	1/16/2024 15:02	1/17/2024 9:00	1077.75	0
808384	1/16/2024 15:04	1/16/2024 15:51	47	0
997397	1/16/2024 15:04	1/17/2024 0:51	587	0
65245	1/16/2024 15:04	1/16/2024 16:59	115	0
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21820	1/16/2024 15:05	1/16/2024 17:37	152	0
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199337	1/16/2024 15:07	1/17/2024 9:00	1072.75	0
860281	1/16/2024 15:08	1/17/2024 9:00	1071.87	0
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510974	1/16/2024 15:09	1/17/2024 9:00	1070.9	0
1443586	1/16/2024 15:09	1/16/2024 18:55	226	0
1453263	1/16/2024 15:09	1/16/2024 18:23	194	0
1349542	1/16/2024 15:10	1/17/2024 1:00	590	0
611270	1/16/2024 15:10	1/17/2024 9:00	1069.9	0
8068454	1/16/2024 15:10	1/17/2024 9:00	1069.9	0
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793638	1/16/2024 15:12	1/16/2024 15:28	16	0
1320619	1/16/2024 15:12	1/17/2024 0:50	578	0
1320646	1/16/2024 15:12	1/16/2024 18:58	226	0
1565203	1/16/2024 15:13	1/16/2024 18:11	178	0
319279	1/16/2024 15:15	1/16/2024 18:50	215	0
8668965	1/16/2024 15:16	1/16/2024 15:21	5	0
751178	1/16/2024 15:20	1/16/2024 18:50	210	0
800588	1/16/2024 15:21	1/17/2024 9:00	1058.87	0
8668965	1/16/2024 15:21	1/17/2024 1:14	593	0
643196	1/16/2024 15:22	1/16/2024 19:03	221	0
1333801	1/16/2024 15:22	1/17/2024 0:48	566	0
639125	1/16/2024 15:24	1/17/2024 0:59	575	0
638816	1/16/2024 15:24	1/17/2024 1:11	587	0
800590	1/16/2024 15:24	1/17/2024 9:00	1055.87	0
573050	1/16/2024 15:25	1/16/2024 15:31	6	0
810130	1/16/2024 15:26	1/17/2024 9:00	1053.87	0
639074	1/16/2024 15:26	1/17/2024 1:03	577	0
549259	1/16/2024 15:26	1/16/2024 19:05	219	0
160073	1/16/2024 15:26	1/17/2024 1:03	577	0
10371746	1/16/2024 15:28	1/16/2024 18:11	163	0
793638	1/16/2024 15:28	1/17/2024 9:00	1051.87	0
573050	1/16/2024 15:31	1/17/2024 1:24	593	0
800600	1/16/2024 15:32	1/17/2024 9:00	1047.87	0
558800	1/16/2024 15:33	1/17/2024 9:00	1046.9	0
548347	1/16/2024 15:36	1/17/2024 9:00	1043.9	0
281332	1/16/2024 15:37	1/16/2024 19:20	223	0
574596	1/16/2024 15:38	1/16/2024 19:18	220	0

449377	1/16/2024 15:38	1/16/2024 15:49	11	0
1321750	1/16/2024 15:44	1/17/2024 0:54	550	0
56060	1/16/2024 15:46	1/16/2024 19:26	220	0
54324	1/16/2024 15:47	1/16/2024 18:24	157	0
469018	1/16/2024 15:48	1/16/2024 19:17	209	0
449377	1/16/2024 15:49	1/16/2024 17:07	78	0
808384	1/16/2024 15:51	1/17/2024 9:00	1028.87	0
643812	1/16/2024 15:55	1/16/2024 19:20	205	0
644030	1/16/2024 15:55	1/16/2024 17:45	110	0
51957	1/16/2024 16:02	1/16/2024 18:39	157	0
1064575	1/16/2024 16:08	1/17/2024 9:00	1011.43	0
872542	1/16/2024 16:15	1/17/2024 9:00	1004.87	0
418291	1/16/2024 16:45	1/16/2024 18:51	126	0
1553245	1/16/2024 16:47	1/17/2024 9:00	972.18	0
1378128	1/16/2024 16:56	1/17/2024 9:00	963.02	0
1378582	1/16/2024 16:58	1/16/2024 17:38	40	0
317233	1/16/2024 16:58	1/17/2024 9:00	961.75	0
65245	1/16/2024 16:59	1/17/2024 9:00	960.75	0
274059	1/16/2024 16:59	1/17/2024 9:00	960.75	0
309265	1/16/2024 17:00	1/17/2024 9:00	959.75	0
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1512146	1/16/2024 17:01	1/16/2024 18:56	115	0
1469956	1/16/2024 17:02	1/16/2024 17:49	47	0
1445317	1/16/2024 17:03	1/16/2024 18:58	115	0
1433348	1/16/2024 17:03	1/16/2024 18:16	73	0
195839	1/16/2024 17:03	1/17/2024 9:00	956.75	0
1433697	1/16/2024 17:03	1/17/2024 1:01	478	0
1446401	1/16/2024 17:05	1/17/2024 9:00	954.18	0
196408	1/16/2024 17:07	1/17/2024 9:00	952.75	0
449377	1/16/2024 17:07	1/16/2024 17:54	47	0
321310	1/16/2024 17:10	1/17/2024 9:00	949.75	0
7902724	1/16/2024 17:11	1/16/2024 17:58	47	0
266010	1/16/2024 17:14	1/17/2024 9:00	945.75	0
347230	1/16/2024 17:15	1/16/2024 17:20	5	0
1348444	1/16/2024 17:16	1/16/2024 17:32	16	0
1346410	1/16/2024 17:16	1/17/2024 9:00	943.02	0
1465282	1/16/2024 17:16	1/16/2024 18:55	99	0
350346	1/16/2024 17:17	1/17/2024 9:00	942.75	0
646827	1/16/2024 17:17	1/16/2024 19:25	128	0
1393633	1/16/2024 17:18	1/17/2024 9:00	941.02	0
1463218	1/16/2024 17:19	1/17/2024 9:00	940.18	0
252859	1/16/2024 17:19	1/17/2024 9:00	940.75	0
1493132	1/16/2024 17:20	1/16/2024 18:50	90	0
1350104	1/16/2024 17:20	1/17/2024 8:50	930	0
347230	1/16/2024 17:20	1/17/2024 3:19	599	0
1350975	1/16/2024 17:22	1/16/2024 17:34	12	0
563721	1/16/2024 17:23	1/17/2024 9:00	936.9	0

1434359	1/16/2024 17:24	1/17/2024 8:27	903	0
315346	1/16/2024 17:25	1/17/2024 9:00	934.75	0
1513363	1/16/2024 17:26	1/17/2024 9:00	933.18	0
47769	1/16/2024 17:27	1/17/2024 9:00	932.75	0
1349502	1/16/2024 17:28	1/16/2024 17:34	6	0
353651	1/16/2024 17:28	1/17/2024 9:00	931.75	0
6503956	1/16/2024 17:29	1/17/2024 8:32	903	0
9993140	1/16/2024 17:30	1/17/2024 9:00	929.75	0
1438878	1/16/2024 17:30	1/16/2024 17:51	21	0
6992958	1/16/2024 17:31	1/17/2024 8:29	898	0
315752	1/16/2024 17:32	1/17/2024 9:00	927.75	0
1348444	1/16/2024 17:32	1/17/2024 3:16	584	0
1438807	1/16/2024 17:32	1/16/2024 17:54	22	0
121750	1/16/2024 17:32	1/17/2024 8:30	898	0
1681747	1/16/2024 17:32	1/17/2024 8:30	898	0
455629	1/16/2024 17:33	1/17/2024 9:00	926.9	0
1350975	1/16/2024 17:34	1/17/2024 3:26	592	0
1349502	1/16/2024 17:34	1/17/2024 3:32	598	0
1557188	1/16/2024 17:35	1/17/2024 9:00	924.18	0
1556565	1/16/2024 17:35	1/17/2024 9:00	924.18	0
498070	1/16/2024 17:35	1/17/2024 9:00	924.9	0
1350499	1/16/2024 17:36	1/16/2024 17:52	16	0
1349605	1/16/2024 17:36	1/16/2024 17:50	14	0
1348300	1/16/2024 17:36	1/16/2024 17:52	16	0
21820	1/16/2024 17:37	1/17/2024 9:00	922.75	0
317797	1/16/2024 17:37	1/17/2024 9:00	922.75	0
314564	1/16/2024 17:38	1/17/2024 9:00	921.75	0
454901	1/16/2024 17:38	1/17/2024 9:00	921.9	0
1348780	1/16/2024 17:38	1/16/2024 17:48	10	0
1378582	1/16/2024 17:38	1/17/2024 3:02	564	0
346185	1/16/2024 17:40	1/17/2024 9:00	919.75	0
1556486	1/16/2024 17:41	1/17/2024 9:00	918.18	0
456099	1/16/2024 17:42	1/17/2024 9:00	917.9	0
312846	1/16/2024 17:43	1/17/2024 9:00	916.75	0
1431804	1/16/2024 17:43	1/17/2024 9:00	916.18	0
1495134	1/16/2024 17:44	1/17/2024 9:00	915.02	0
251244	1/16/2024 17:44	1/17/2024 9:00	915.75	0
328113	1/16/2024 17:44	1/17/2024 9:00	915.75	0
511266	1/16/2024 17:45	1/17/2024 9:00	914.9	0
415949	1/16/2024 17:45	1/17/2024 9:00	914.9	0
643434	1/16/2024 17:45	1/17/2024 9:00	914.9	0
644030	1/16/2024 17:45	1/17/2024 9:00	914.9	0
315345	1/16/2024 17:46	1/17/2024 9:00	913.75	0
1324815	1/16/2024 17:46	1/17/2024 8:12	866	0
1348130	1/16/2024 17:46	1/16/2024 19:10	84	0
8910809	1/16/2024 17:46	1/17/2024 9:00	913.9	0
1349177	1/16/2024 17:46	1/17/2024 1:02	436	0

1307027	1/16/2024 17:46	1/17/2024 9:00	913.02	0
1702936	1/16/2024 17:46	1/16/2024 18:12	26	0
21306	1/16/2024 17:46	1/17/2024 9:00	913.75	0
342796	1/16/2024 17:46	1/17/2024 9:00	913.75	0
275495	1/16/2024 17:47	1/17/2024 9:00	912.75	0
598463	1/16/2024 17:47	1/17/2024 9:00	912.9	0
1466638	1/16/2024 17:47	1/17/2024 8:37	890	0
277818	1/16/2024 17:47	1/17/2024 9:00	912.75	0
315604	1/16/2024 17:47	1/17/2024 9:00	912.75	0
1347937	1/16/2024 17:48	1/16/2024 18:46	58	0
381982	1/16/2024 17:48	1/17/2024 9:00	911.9	0
1347943	1/16/2024 17:48	1/17/2024 1:04	436	0
1348551	1/16/2024 17:48	1/17/2024 3:20	572	0
1347024	1/16/2024 17:48	1/17/2024 3:42	594	0
1348780	1/16/2024 17:48	1/17/2024 3:40	592	0
1469956	1/16/2024 17:49	1/16/2024 18:20	31	0
611116	1/16/2024 17:49	1/17/2024 9:00	910.9	0
1347949	1/16/2024 17:50	1/17/2024 3:12	562	0
1348044	1/16/2024 17:50	1/16/2024 19:16	86	0
8604423	1/16/2024 17:50	1/16/2024 18:01	11	0
1347888	1/16/2024 17:50	1/17/2024 3:38	588	0
596493	1/16/2024 17:50	1/17/2024 9:00	909.9	0
1349605	1/16/2024 17:50	1/17/2024 3:34	584	0
1438878	1/16/2024 17:51	1/17/2024 3:28	577	0
1513398	1/16/2024 17:51	1/17/2024 9:00	908.18	0
6995795	1/16/2024 17:51	1/17/2024 9:00	908.9	0
275018	1/16/2024 17:51	1/17/2024 9:00	908.75	0
315169	1/16/2024 17:51	1/17/2024 9:00	908.75	0
1350499	1/16/2024 17:52	1/17/2024 3:34	582	0
1348300	1/16/2024 17:52	1/17/2024 3:34	582	0
169425	1/16/2024 17:52	1/17/2024 9:00	907.75	0
415131	1/16/2024 17:52	1/16/2024 19:05	73	0
539938	1/16/2024 17:52	1/17/2024 9:00	907.9	0
552210	1/16/2024 17:53	1/17/2024 8:49	896	0
417158	1/16/2024 17:53	1/17/2024 9:00	906.9	0
597560	1/16/2024 17:53	1/16/2024 19:16	83	0
449377	1/16/2024 17:54	1/16/2024 18:10	16	0
418876	1/16/2024 17:54	1/17/2024 9:00	905.9	0
1438807	1/16/2024 17:54	1/17/2024 3:36	582	0
276488	1/16/2024 17:54	1/17/2024 9:00	905.75	0
1494722	1/16/2024 17:54	1/17/2024 9:00	905.02	0
595591	1/16/2024 17:54	1/17/2024 9:00	905.9	0
8524544	1/16/2024 17:56	1/17/2024 9:00	903.75	0
274125	1/16/2024 17:56	1/17/2024 9:00	903.75	0
197883	1/16/2024 17:56	1/17/2024 9:00	903.75	0
1417138	1/16/2024 17:58	1/17/2024 9:00	901.02	0
345957	1/16/2024 17:58	1/17/2024 9:00	901.75	0

7902724	1/16/2024 17:58	1/17/2024 1:14	436	0
1466357	1/16/2024 17:58	1/17/2024 9:00	901.18	0
558031	1/16/2024 17:58	1/17/2024 9:00	901.9	0
304785	1/16/2024 17:58	1/17/2024 9:00	901.75	0
1093889	1/16/2024 18:00	1/17/2024 3:48	588	0
315730	1/16/2024 18:00	1/17/2024 9:00	899.75	0
281235	1/16/2024 18:00	1/17/2024 9:00	899.75	0
11120838	1/16/2024 18:00	1/17/2024 9:00	899.75	0
308058	1/16/2024 18:00	1/17/2024 9:00	899.75	0
1093722	1/16/2024 18:01	1/17/2024 1:06	425	0
8604423	1/16/2024 18:01	1/16/2024 18:06	5	0
315616	1/16/2024 18:03	1/17/2024 9:00	896.75	0
309944	1/16/2024 18:03	1/17/2024 9:00	896.75	0
1557100	1/16/2024 18:03	1/17/2024 9:00	896.18	0
325050	1/16/2024 18:04	1/17/2024 9:00	895.75	0
549596	1/16/2024 18:04	1/17/2024 9:00	895.9	0
506261	1/16/2024 18:05	1/17/2024 9:00	894.9	0
508593	1/16/2024 18:05	1/17/2024 9:00	894.9	0
1450250	1/16/2024 18:05	1/17/2024 9:00	894.18	0
1557303	1/16/2024 18:05	1/17/2024 9:00	894.18	0
8604423	1/16/2024 18:06	1/16/2024 18:43	37	0
306565	1/16/2024 18:06	1/16/2024 19:14	68	0
10393495	1/16/2024 18:06	1/17/2024 9:00	893.75	0
1434316	1/16/2024 18:06	1/17/2024 8:06	840	0
307661	1/16/2024 18:07	1/17/2024 3:56	589	0
8206792	1/16/2024 18:07	1/17/2024 9:00	892.18	0
553755	1/16/2024 18:08	1/17/2024 9:00	891.9	0
449377	1/16/2024 18:10	1/16/2024 19:29	79	0
1430294	1/16/2024 18:10	1/17/2024 9:00	889.18	0
4173986	1/16/2024 18:10	1/17/2024 9:00	889.75	0
1346665	1/16/2024 18:10	1/17/2024 8:10	840	0
197629	1/16/2024 18:10	1/17/2024 9:00	889.75	0
252922	1/16/2024 18:10	1/17/2024 9:00	889.75	0
980398	1/16/2024 18:11	1/17/2024 8:01	830	0
10371746	1/16/2024 18:11	1/17/2024 9:00	888.9	0
1565203	1/16/2024 18:11	1/17/2024 8:25	854	0
350406	1/16/2024 18:12	1/17/2024 9:00	887.75	0
1702936	1/16/2024 18:12	1/17/2024 8:12	840	0
1437276	1/16/2024 18:12	1/17/2024 9:00	887.18	0
1576533	1/16/2024 18:13	1/17/2024 9:00	886.18	0
982261	1/16/2024 18:13	1/17/2024 8:03	830	0
313011	1/16/2024 18:14	1/17/2024 9:00	885.75	0
308032	1/16/2024 18:14	1/17/2024 9:00	885.75	0
1444966	1/16/2024 18:14	1/16/2024 18:30	16	0
1346671	1/16/2024 18:14	1/17/2024 9:00	885.02	0
979888	1/16/2024 18:14	1/17/2024 8:00	826	0
1375227	1/16/2024 18:14	1/17/2024 9:00	885.02	0

301103	1/16/2024 18:15	1/17/2024 9:00	884.75	0
507365	1/16/2024 18:15	1/17/2024 9:00	884.9	0
1513240	1/16/2024 18:15	1/17/2024 9:00	884.18	0
1439908	1/16/2024 18:15	1/16/2024 18:25	10	0
1326407	1/16/2024 18:16	1/17/2024 9:00	883.02	0
314163	1/16/2024 18:16	1/17/2024 9:00	883.75	0
1351539	1/16/2024 18:16	1/16/2024 18:32	16	0
304845	1/16/2024 18:16	1/17/2024 9:00	883.75	0
1465391	1/16/2024 18:16	1/17/2024 9:00	883.18	0
197561	1/16/2024 18:16	1/17/2024 9:00	883.75	0
561757	1/16/2024 18:16	1/17/2024 9:00	883.9	0
1433348	1/16/2024 18:16	1/17/2024 8:16	840	0
301044	1/16/2024 18:16	1/17/2024 9:00	883.75	0
346135	1/16/2024 18:16	1/17/2024 9:00	883.75	0
801004	1/16/2024 18:17	1/17/2024 9:00	882.87	0
1683861	1/16/2024 18:17	1/17/2024 9:00	882.75	0
1509487	1/16/2024 18:17	1/17/2024 9:00	882.18	0
353371	1/16/2024 18:17	1/17/2024 9:00	882.75	0
316630	1/16/2024 18:18	1/17/2024 9:00	881.75	0
7518767	1/16/2024 18:18	1/17/2024 9:00	881.75	0
1394365	1/16/2024 18:18	1/17/2024 9:00	881.02	0
353082	1/16/2024 18:18	1/17/2024 9:00	881.75	0
251189	1/16/2024 18:19	1/17/2024 9:00	880.75	0
313954	1/16/2024 18:19	1/17/2024 9:00	880.75	0
498597	1/16/2024 18:19	1/17/2024 9:00	880.9	0
349467	1/16/2024 18:19	1/17/2024 9:00	880.75	0
1469956	1/16/2024 18:20	1/17/2024 3:53	573	0
125572	1/16/2024 18:21	1/17/2024 9:00	878.75	0
315380	1/16/2024 18:21	1/17/2024 9:00	878.75	0
1430838	1/16/2024 18:22	1/17/2024 8:02	820	0
808829	1/16/2024 18:22	1/17/2024 9:00	877.87	0
10371797	1/16/2024 18:23	1/17/2024 9:00	876.75	0
1453263	1/16/2024 18:23	1/17/2024 9:00	876.18	0
1394324	1/16/2024 18:24	1/17/2024 9:00	875.02	0
54324	1/16/2024 18:24	1/17/2024 9:00	875.75	0
1469270	1/16/2024 18:25	1/17/2024 7:56	811	0
1439908	1/16/2024 18:25	1/17/2024 4:19	594	0
1556434	1/16/2024 18:27	1/17/2024 9:00	872.18	0
1671958	1/16/2024 18:27	1/17/2024 9:00	872.9	0
1456419	1/16/2024 18:27	1/17/2024 9:00	872.18	0
501613	1/16/2024 18:27	1/17/2024 9:00	872.9	0
197690	1/16/2024 18:29	1/17/2024 9:00	870.75	0
1513959	1/16/2024 18:29	1/17/2024 9:00	870.18	0
1444966	1/16/2024 18:30	1/17/2024 4:13	583	0
313731	1/16/2024 18:31	1/17/2024 9:00	868.75	0
11467920	1/16/2024 18:32	1/17/2024 9:00	867.18	0
1351539	1/16/2024 18:32	1/17/2024 4:14	582	0

308802	1/16/2024 18:32	1/17/2024 9:00	867.75	0
10659831	1/16/2024 18:33	1/17/2024 9:00	866.18	0
1664433	1/16/2024 18:34	1/17/2024 9:00	865.87	0
1351588	1/16/2024 18:36	1/17/2024 8:36	840	0
1350598	1/16/2024 18:36	1/17/2024 8:14	818	0
1469850	1/16/2024 18:36	1/17/2024 7:54	798	0
2032900	1/16/2024 18:36	1/17/2024 9:00	863.02	0
51957	1/16/2024 18:39	1/17/2024 9:00	860.75	0
1609415	1/16/2024 18:40	1/17/2024 9:00	859.18	0
8734349	1/16/2024 18:40	1/17/2024 8:12	812	0
981933	1/16/2024 18:41	1/17/2024 7:59	798	0
1077082	1/16/2024 18:42	1/17/2024 9:00	857.9	0
8604423	1/16/2024 18:43	1/16/2024 19:04	21	0
304345	1/16/2024 18:44	1/17/2024 9:00	855.75	0
324290	1/16/2024 18:45	1/17/2024 9:00	854.75	0
991227	1/16/2024 18:45	1/17/2024 9:00	854.43	0
1347937	1/16/2024 18:46	1/17/2024 8:14	808	0
8590289	1/16/2024 18:47	1/17/2024 9:00	852.9	0
500173	1/16/2024 18:47	1/17/2024 9:00	852.9	0
1516786	1/16/2024 18:47	1/17/2024 9:00	852.18	0
509233	1/16/2024 18:48	1/17/2024 9:00	851.9	0
9063373	1/16/2024 18:48	1/17/2024 9:00	851.02	0
1554218	1/16/2024 18:48	1/17/2024 9:00	851.18	0
1394415	1/16/2024 18:50	1/17/2024 9:00	849.02	0
1493132	1/16/2024 18:50	1/17/2024 9:00	849.02	0
549617	1/16/2024 18:50	1/17/2024 9:00	849.9	0
319279	1/16/2024 18:50	1/17/2024 9:00	849.75	0
1513911	1/16/2024 18:50	1/17/2024 9:00	849.18	0
751178	1/16/2024 18:50	1/17/2024 8:06	796	0
418291	1/16/2024 18:51	1/17/2024 9:00	848.9	0
1550318	1/16/2024 18:51	1/17/2024 9:00	848.18	0
1464949	1/16/2024 18:52	1/17/2024 9:00	847.18	0
1431752	1/16/2024 18:52	1/17/2024 9:00	847.18	0
279833	1/16/2024 18:52	1/17/2024 9:00	847.75	0
1680798	1/16/2024 18:52	1/17/2024 8:14	802	0
989680	1/16/2024 18:53	1/17/2024 9:00	846.43	0
380057	1/16/2024 18:53	1/17/2024 9:00	846.9	0
345647	1/16/2024 18:54	1/17/2024 9:00	845.75	0
313269	1/16/2024 18:54	1/17/2024 9:00	845.75	0
1377393	1/16/2024 18:54	1/17/2024 9:00	845.02	0
1251782	1/16/2024 18:54	1/17/2024 9:00	845.87	0
1443586	1/16/2024 18:55	1/17/2024 7:57	782	0
1465282	1/16/2024 18:55	1/17/2024 9:00	844.18	0
1446785	1/16/2024 18:56	1/17/2024 9:00	843.18	0
8605921	1/16/2024 18:56	1/17/2024 9:00	843.75	0
1512146	1/16/2024 18:56	1/17/2024 8:09	793	0
1436742	1/16/2024 18:56	1/17/2024 8:40	824	0

1509486	1/16/2024 18:56	1/17/2024 9:00	843.18	0
324045	1/16/2024 18:56	1/17/2024 9:00	843.75	0
8486022	1/16/2024 18:57	1/17/2024 9:00	842.18	0
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7178975	1/16/2024 18:59	1/17/2024 9:00	840.75	0
1430644	1/16/2024 18:59	1/17/2024 9:00	840.18	0
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353728	1/16/2024 19:00	1/17/2024 9:00	839.75	0
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1609222	1/16/2024 19:03	1/17/2024 8:27	804	0
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8972545	1/16/2024 19:05	1/17/2024 9:00	834.9	0
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415131	1/16/2024 19:05	1/17/2024 9:00	834.9	0
1378273	1/16/2024 19:08	1/17/2024 9:00	831.02	0
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304295	1/16/2024 19:13	1/17/2024 9:00	826.75	0
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1396057	1/16/2024 19:14	1/17/2024 9:00	825.02	0
306565	1/16/2024 19:14	1/17/2024 8:25	791	0
8495802	1/16/2024 19:14	1/17/2024 9:00	825.18	0
1375642	1/16/2024 19:14	1/17/2024 9:00	825.02	0
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455345	1/16/2024 19:15	1/17/2024 9:00	824.9	0
344958	1/16/2024 19:15	1/17/2024 9:00	824.75	0
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346347	1/16/2024 19:16	1/17/2024 9:00	823.75	0
469018	1/16/2024 19:17	1/17/2024 9:00	822.9	0
639221	1/16/2024 19:17	1/17/2024 8:45	808	0
9313875	1/16/2024 19:18	1/17/2024 9:00	821.18	0

346288	1/16/2024 19:18	1/17/2024 9:00	821.75	0
8621797	1/16/2024 19:18	1/17/2024 9:00	821.75	0
457978	1/16/2024 19:18	1/17/2024 9:00	821.9	0
1430553	1/16/2024 19:18	1/17/2024 8:00	762	0
574596	1/16/2024 19:18	1/17/2024 9:00	821.9	0
8387677	1/16/2024 19:18	1/17/2024 9:00	821.75	0
277301	1/16/2024 19:19	1/17/2024 9:00	820.75	0
1435531	1/16/2024 19:20	1/17/2024 9:00	819.18	0
281332	1/16/2024 19:20	1/17/2024 9:00	819.75	0
643812	1/16/2024 19:20	1/17/2024 9:00	819.9	0
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8495805	1/16/2024 19:21	1/17/2024 9:00	818.9	0
1412757	1/16/2024 19:22	1/17/2024 9:00	817.02	0
605186	1/16/2024 19:22	1/17/2024 9:00	817.9	0
381338	1/16/2024 19:22	1/17/2024 9:00	817.9	0
817260	1/16/2024 19:22	1/17/2024 9:00	817.87	0
455994	1/16/2024 19:24	1/17/2024 9:00	815.9	0
274522	1/16/2024 19:24	1/17/2024 9:00	815.75	0
301275	1/16/2024 19:25	1/17/2024 9:00	814.75	0
49209	1/16/2024 19:25	1/17/2024 9:00	814.75	0
646827	1/16/2024 19:25	1/17/2024 9:00	814.9	0
314945	1/16/2024 19:26	1/17/2024 9:00	813.75	0
56060	1/16/2024 19:26	1/17/2024 9:00	813.75	0
300294	1/16/2024 19:28	1/17/2024 9:00	811.75	0
267537	1/16/2024 19:28	1/17/2024 9:00	811.75	0
449377	1/16/2024 19:29	1/16/2024 19:45	16	0
449377	1/16/2024 19:45	1/16/2024 20:30	45	0
8604423	1/16/2024 19:51	1/16/2024 20:49	58	0
449377	1/16/2024 20:30	1/16/2024 20:53	23	0
584640	1/16/2024 20:38	1/17/2024 9:00	741.9	0
8604423	1/16/2024 20:49	1/16/2024 21:04	15	0
449377	1/16/2024 20:53	1/16/2024 22:02	69	0
361060	1/16/2024 20:59	1/17/2024 9:00	720.9	0
8604423	1/16/2024 21:04	1/16/2024 21:52	48	0
926657	1/16/2024 21:51	1/17/2024 9:00	668.87	0
8604423	1/16/2024 21:52	1/16/2024 22:50	58	0
449377	1/16/2024 22:02	1/16/2024 22:33	31	0
449377	1/16/2024 22:33	1/16/2024 23:10	37	0
8604423	1/16/2024 22:50	1/16/2024 23:05	15	0
8604423	1/16/2024 23:05	1/17/2024 0:03	58	0
449377	1/16/2024 23:10	1/16/2024 23:36	26	0
449377	1/16/2024 23:36	1/16/2024 23:57	21	0
449377	1/16/2024 23:57	1/17/2024 0:50	53	0
8604423	1/17/2024 0:03	1/17/2024 0:50	47	0
995564	1/17/2024 0:47	1/17/2024 9:00	492.43	0
1654064	1/17/2024 0:48	1/17/2024 8:25	457	0
1333801	1/17/2024 0:48	1/17/2024 9:00	491.02	0

1349244	1/17/2024 0:50	1/17/2024 8:12	442	0
8604423	1/17/2024 0:50	1/17/2024 1:06	16	0
1320619	1/17/2024 0:50	1/17/2024 9:00	489.02	0
449377	1/17/2024 0:50	1/17/2024 1:00	10	0
997397	1/17/2024 0:51	1/17/2024 9:00	488.43	0
1321750	1/17/2024 0:54	1/17/2024 9:00	485.02	0
1348773	1/17/2024 0:56	1/17/2024 8:12	436	0
639125	1/17/2024 0:59	1/17/2024 8:46	467	0
1349542	1/17/2024 1:00	1/17/2024 8:10	430	0
449377	1/17/2024 1:00	1/17/2024 1:47	47	0
1433697	1/17/2024 1:01	1/17/2024 9:00	478.9	0
1349177	1/17/2024 1:02	1/17/2024 8:12	430	0
160073	1/17/2024 1:03	1/17/2024 9:00	476.43	0
639074	1/17/2024 1:03	1/17/2024 8:45	462	0
1347943	1/17/2024 1:04	1/17/2024 8:14	430	0
8604423	1/17/2024 1:06	1/17/2024 1:32	26	0
1093722	1/17/2024 1:06	1/17/2024 9:00	473.9	0
638816	1/17/2024 1:11	1/17/2024 8:48	457	0
8668965	1/17/2024 1:14	1/17/2024 9:00	465.9	0
7902724	1/17/2024 1:14	1/17/2024 8:30	436	0
573050	1/17/2024 1:24	1/17/2024 9:00	455.9	0
8604423	1/17/2024 1:32	1/17/2024 2:14	42	0
449377	1/17/2024 1:47	1/17/2024 2:24	37	0
8604423	1/17/2024 2:14	1/17/2024 3:28	74	0
1350597	1/17/2024 2:22	1/17/2024 8:08	346	0
449377	1/17/2024 2:24	1/17/2024 2:34	10	0
449377	1/17/2024 2:34	1/17/2024 2:55	21	0
449377	1/17/2024 2:55	1/17/2024 4:20	85	0
1378582	1/17/2024 3:02	1/17/2024 9:00	357.02	0
1347949	1/17/2024 3:12	1/17/2024 8:12	300	0
1348444	1/17/2024 3:16	1/17/2024 8:14	298	0
347230	1/17/2024 3:19	1/17/2024 8:13	294	0
1348551	1/17/2024 3:20	1/17/2024 8:14	294	0
1350975	1/17/2024 3:26	1/17/2024 8:10	284	0
1438878	1/17/2024 3:28	1/17/2024 8:07	279	0
8604423	1/17/2024 3:28	1/17/2024 4:04	36	0
1349502	1/17/2024 3:32	1/17/2024 8:10	278	0
1349605	1/17/2024 3:34	1/17/2024 8:12	278	0
1350499	1/17/2024 3:34	1/17/2024 8:12	278	0
1348300	1/17/2024 3:34	1/17/2024 8:52	318	0
1438807	1/17/2024 3:36	1/17/2024 8:04	268	0
1347888	1/17/2024 3:38	1/17/2024 8:10	272	0
1348780	1/17/2024 3:40	1/17/2024 8:14	274	0
1347024	1/17/2024 3:42	1/17/2024 8:14	272	0
1093889	1/17/2024 3:48	1/17/2024 9:00	311.9	0
1346455	1/17/2024 3:48	1/17/2024 8:10	262	0
1469956	1/17/2024 3:53	1/17/2024 8:10	257	0

307661	1/17/2024 3:56	1/17/2024 8:29	273	0
8604423	1/17/2024 4:04	1/17/2024 4:26	22	0
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449377	1/17/2024 4:20	1/17/2024 4:41	21	0
1437279	1/17/2024 4:20	1/17/2024 8:06	226	0
8604423	1/17/2024 4:26	1/17/2024 6:05	99	0
1466445	1/17/2024 4:34	1/17/2024 7:54	200	0
449377	1/17/2024 4:41	1/17/2024 5:21	40	0
449377	1/17/2024 5:21	1/17/2024 5:42	21	0
449377	1/17/2024 5:42	1/17/2024 6:38	56	0
8604423	1/17/2024 6:05	1/17/2024 6:47	42	0
449377	1/17/2024 6:38	1/17/2024 6:49	11	0
8604423	1/17/2024 6:47	1/17/2024 7:29	42	0
449377	1/17/2024 6:49	1/17/2024 7:13	24	0
449377	1/17/2024 7:13	1/17/2024 8:48	95	0
8604423	1/17/2024 7:29	1/17/2024 8:32	63	0
1466445	1/17/2024 7:54	1/17/2024 9:00	65.18	0
1469850	1/17/2024 7:54	1/17/2024 9:00	65.18	0
975066	1/17/2024 7:55	1/17/2024 9:00	64.43	0
1469270	1/17/2024 7:56	1/17/2024 9:00	63.18	0
1443586	1/17/2024 7:57	1/17/2024 9:00	62.18	0
1376158	1/17/2024 7:58	1/17/2024 9:00	61.02	0
981933	1/17/2024 7:59	1/17/2024 9:00	60.43	0
979888	1/17/2024 8:00	1/17/2024 9:00	59.43	0
1430553	1/17/2024 8:00	1/17/2024 9:00	59.18	0
980398	1/17/2024 8:01	1/17/2024 9:00	58.43	0
1430838	1/17/2024 8:02	1/17/2024 9:00	57.18	0
982261	1/17/2024 8:03	1/17/2024 9:00	56.43	0
48217	1/17/2024 8:03	1/17/2024 9:00	56.75	0
1438807	1/17/2024 8:04	1/17/2024 9:00	55.18	0
1439908	1/17/2024 8:04	1/17/2024 9:00	55.18	0
1434316	1/17/2024 8:06	1/17/2024 9:00	53.18	0
1437279	1/17/2024 8:06	1/17/2024 9:00	53.18	0
751178	1/17/2024 8:06	1/17/2024 9:00	53.9	0
1438878	1/17/2024 8:07	1/17/2024 9:00	52.18	0
1350597	1/17/2024 8:08	1/17/2024 9:00	51.02	0
1445317	1/17/2024 8:08	1/17/2024 9:00	51.18	0
1512146	1/17/2024 8:09	1/17/2024 9:00	50.18	0
1444966	1/17/2024 8:09	1/17/2024 9:00	50.18	0
1347888	1/17/2024 8:10	1/17/2024 9:00	49.02	0
1346665	1/17/2024 8:10	1/17/2024 9:00	49.02	0
1349338	1/17/2024 8:10	1/17/2024 9:00	49.02	0
1350975	1/17/2024 8:10	1/17/2024 9:00	49.02	0
1351539	1/17/2024 8:10	1/17/2024 9:00	49.02	0
1469956	1/17/2024 8:10	1/17/2024 9:00	49.18	0

1463520	1/17/2024 8:10	1/17/2024 9:00	49.18	0
1349542	1/17/2024 8:10	1/17/2024 9:00	49.02	0
1349502	1/17/2024 8:10	1/17/2024 9:00	49.02	0
1346455	1/17/2024 8:10	1/17/2024 9:00	49.02	0
1463680	1/17/2024 8:11	1/17/2024 9:00	48.18	0
1467272	1/17/2024 8:11	1/17/2024 9:00	48.18	0
1350499	1/17/2024 8:12	1/17/2024 9:00	47.02	0
1349177	1/17/2024 8:12	1/17/2024 9:00	47.02	0
1702936	1/17/2024 8:12	1/17/2024 9:00	47.02	0
1349605	1/17/2024 8:12	1/17/2024 9:00	47.02	0
1348130	1/17/2024 8:12	1/17/2024 9:00	47.02	0
8734349	1/17/2024 8:12	1/17/2024 9:00	47.02	0
1348044	1/17/2024 8:12	1/17/2024 9:00	47.02	0
1349244	1/17/2024 8:12	1/17/2024 9:00	47.02	0
1324815	1/17/2024 8:12	1/17/2024 9:00	47.02	0
1348773	1/17/2024 8:12	1/17/2024 9:00	47.02	0
1347949	1/17/2024 8:12	1/17/2024 9:00	47.02	0
1444809	1/17/2024 8:13	1/17/2024 9:00	46.18	0
347230	1/17/2024 8:13	1/17/2024 9:00	46.75	0
1350598	1/17/2024 8:14	1/17/2024 9:00	45.02	0
1348444	1/17/2024 8:14	1/17/2024 9:00	45.02	0
1347937	1/17/2024 8:14	1/17/2024 9:00	45.02	0
1680798	1/17/2024 8:14	1/17/2024 9:00	45.75	0
1347943	1/17/2024 8:14	1/17/2024 9:00	45.02	0
1348551	1/17/2024 8:14	1/17/2024 9:00	45.02	0
1348780	1/17/2024 8:14	1/17/2024 9:00	45.02	0
1347024	1/17/2024 8:14	1/17/2024 9:00	45.02	0
1433348	1/17/2024 8:16	1/17/2024 9:00	43.18	0
1432940	1/17/2024 8:18	1/17/2024 9:00	41.18	0
10691024	1/17/2024 8:23	1/17/2024 9:00	36.9	0
1595351	1/17/2024 8:24	1/17/2024 9:00	35.18	0
1565203	1/17/2024 8:25	1/17/2024 9:00	34.18	0
1654064	1/17/2024 8:25	1/17/2024 9:00	34.43	0
306565	1/17/2024 8:25	1/17/2024 9:00	34.75	0
1434359	1/17/2024 8:27	1/17/2024 9:00	32.18	0
1609222	1/17/2024 8:27	1/17/2024 9:00	32.18	0
6992958	1/17/2024 8:29	1/17/2024 9:00	30.75	0
307661	1/17/2024 8:29	1/17/2024 9:00	30.75	0
121750	1/17/2024 8:30	1/17/2024 9:00	29.75	0
7902724	1/17/2024 8:30	1/17/2024 8:41	11	0
1681747	1/17/2024 8:30	1/17/2024 9:00	29.75	0
8604423	1/17/2024 8:32	1/17/2024 9:00	27.9	0
6503956	1/17/2024 8:32	1/17/2024 9:00	27.75	0
1281892	1/17/2024 8:32	1/17/2024 9:00	27.02	0
1351588	1/17/2024 8:36	1/17/2024 9:00	23.02	0
1466638	1/17/2024 8:37	1/17/2024 9:00	22.18	0
1436742	1/17/2024 8:40	1/17/2024 9:00	19.18	0

597560	1/17/2024 8:40	1/17/2024 9:00	19.9	0
7902724	1/17/2024 8:41	1/17/2024 9:00	18.75	0
639074	1/17/2024 8:45	1/17/2024 9:00	14.9	0
639221	1/17/2024 8:45	1/17/2024 9:00	14.9	0
639125	1/17/2024 8:46	1/17/2024 9:00	13.9	0
8511623	1/17/2024 8:47	1/17/2024 9:00	12.75	0
638816	1/17/2024 8:48	1/17/2024 9:00	11.9	0
449377	1/17/2024 8:48	1/17/2024 9:00	11.9	0
552210	1/17/2024 8:49	1/17/2024 9:00	10.9	0
1350104	1/17/2024 8:50	1/17/2024 9:00	9.02	0
1348300	1/17/2024 8:52	1/17/2024 9:00	7.02	0
1469956	1/17/2024 9:00	1/17/2024 17:36	516	0
975066	1/17/2024 9:00	1/17/2024 18:49	589	0
447406	1/17/2024 9:00	1/18/2024 9:00	1439.9	0
554089	1/17/2024 9:00	1/18/2024 9:00	1439.9	0
8766703	1/17/2024 9:00	1/18/2024 9:00	1439.43	0
1985687	1/17/2024 9:00	1/18/2024 9:00	1439.9	0
1513541	1/17/2024 9:00	1/18/2024 9:00	1439.18	0
8668965	1/17/2024 9:00	1/17/2024 14:42	342	0
197883	1/17/2024 9:00	1/17/2024 10:07	67	0
10222019	1/17/2024 9:00	1/18/2024 9:00	1439.02	0
1552447	1/17/2024 9:00	1/18/2024 9:00	1439.18	0
1394324	1/17/2024 9:00	1/17/2024 10:08	68	0
6761269	1/17/2024 9:00	1/17/2024 10:13	73	0
1444809	1/17/2024 9:00	1/17/2024 19:11	611	0
8511623	1/17/2024 9:00	1/17/2024 19:01	601	0
1433697	1/17/2024 9:00	1/17/2024 17:10	490	0
1469850	1/17/2024 9:00	1/17/2024 19:01	601	0
1469270	1/17/2024 9:00	1/17/2024 18:21	561	0
195216	1/17/2024 9:00	1/18/2024 9:00	1439.75	0
509233	1/17/2024 9:00	1/17/2024 10:28	88	0
574993	1/17/2024 9:00	1/17/2024 10:09	69	0
1349032	1/17/2024 9:00	1/18/2024 9:00	1439.02	0
1453263	1/17/2024 9:00	1/17/2024 14:26	326	0
1445317	1/17/2024 9:00	1/17/2024 19:03	603	0
353728	1/17/2024 9:00	1/18/2024 9:00	1439.75	0
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125572	1/17/2024 9:08	1/17/2024 10:54	106	0
1654064	1/17/2024 9:08	1/17/2024 17:05	477	0
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319279	1/17/2024 9:08	1/18/2024 9:00	1431.75	0
1609222	1/17/2024 9:09	1/17/2024 14:19	310	0
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1595351	1/17/2024 9:12	1/17/2024 14:21	309	0
7902724	1/17/2024 9:12	1/17/2024 10:04	52	0
1436742	1/17/2024 9:12	1/17/2024 19:05	593	0
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1466638	1/17/2024 9:14	1/17/2024 18:41	567	0
1438878	1/17/2024 9:15	1/17/2024 19:03	588	0
1437279	1/17/2024 9:15	1/18/2024 4:30	1155	0
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1512146	1/17/2024 9:17	1/17/2024 14:17	300	0
1351588	1/17/2024 9:18	1/17/2024 14:44	326	0
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1346455	1/17/2024 9:18	1/17/2024 19:22	604	0
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1350597	1/17/2024 9:18	1/17/2024 17:52	514	0
1351539	1/17/2024 9:18	1/17/2024 18:40	562	0
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1346665	1/17/2024 9:20	1/17/2024 17:32	492	0
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1349083	1/17/2024 9:20	1/17/2024 10:44	84	0
1393699	1/17/2024 9:20	1/17/2024 19:14	594	0
1348044	1/17/2024 9:20	1/17/2024 19:14	594	0
1347949	1/17/2024 9:20	1/17/2024 17:38	498	0
1349502	1/17/2024 9:20	1/17/2024 17:42	502	0
1348773	1/17/2024 9:20	1/17/2024 18:36	556	0
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808384	1/17/2024 9:21	1/17/2024 17:50	509	0
1347937	1/17/2024 9:22	1/17/2024 19:04	582	0
1347024	1/17/2024 9:22	1/17/2024 17:42	500	0
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1378582	1/17/2024 9:22	1/17/2024 15:48	386	0
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1348130	1/17/2024 9:22	1/17/2024 19:14	592	0
1494722	1/17/2024 9:22	1/17/2024 19:10	588	0
8734349	1/17/2024 9:22	1/17/2024 19:04	582	0
1349766	1/17/2024 9:22	1/17/2024 10:46	84	0.04
1376158	1/17/2024 9:22	1/17/2024 11:34	132	0
1348444	1/17/2024 9:22	1/17/2024 17:36	494	0
1348780	1/17/2024 9:22	1/17/2024 18:50	568	0
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1591422	1/17/2024 9:23	1/17/2024 10:16	53	0
1350598	1/17/2024 9:24	1/17/2024 19:00	576	0
1378273	1/17/2024 9:24	1/17/2024 11:34	130	0
1326407	1/17/2024 9:24	1/17/2024 14:18	294	0
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326028	1/17/2024 9:44	1/18/2024 1:14	930	0
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1320008	1/17/2024 9:54	1/17/2024 17:58	484	0
1321605	1/17/2024 9:54	1/17/2024 19:00	546	0
8486022	1/17/2024 9:55	1/17/2024 19:12	557	0
1446401	1/17/2024 9:55	1/17/2024 18:40	525	0
313954	1/17/2024 9:55	1/17/2024 14:13	258	0
11120838	1/17/2024 9:55	1/17/2024 14:13	258	0
314163	1/17/2024 9:56	1/17/2024 14:13	257	0
1469301	1/17/2024 9:56	1/17/2024 19:12	556	0
1465391	1/17/2024 9:56	1/17/2024 19:18	562	0
2032900	1/17/2024 9:56	1/17/2024 18:56	540	0
317195	1/17/2024 9:56	1/17/2024 18:09	493	0
315380	1/17/2024 9:56	1/17/2024 14:13	257	0
1509487	1/17/2024 9:57	1/17/2024 14:09	252	0
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314945	1/17/2024 9:57	1/17/2024 14:15	258	0
315604	1/17/2024 9:57	1/17/2024 14:14	257	0
315346	1/17/2024 9:57	1/17/2024 14:15	258	0
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1465282	1/17/2024 9:58	1/17/2024 18:54	536	0
315345	1/17/2024 9:58	1/17/2024 14:16	258	0
1468500	1/17/2024 9:59	1/17/2024 18:34	515	0
1469866	1/17/2024 9:59	1/17/2024 19:15	556	0
315752	1/17/2024 9:59	1/17/2024 14:16	257	0
317797	1/17/2024 9:59	1/17/2024 14:17	258	0
315616	1/17/2024 9:59	1/17/2024 14:11	252	0
1281892	1/17/2024 10:00	1/17/2024 19:00	540	0

10371797	1/17/2024 10:00	1/17/2024 14:12	252	0
1466445	1/17/2024 10:00	1/17/2024 19:03	543	0
313731	1/17/2024 10:01	1/17/2024 14:13	252	0
8387677	1/17/2024 10:01	1/17/2024 11:30	89	0
346135	1/17/2024 10:01	1/17/2024 17:27	446	0
344958	1/17/2024 10:01	1/17/2024 19:22	561	0.22
1493132	1/17/2024 10:02	1/17/2024 11:32	90	0
980398	1/17/2024 10:02	1/17/2024 18:26	504	0
1405290	1/17/2024 10:02	1/17/2024 16:16	374	0
1290180	1/17/2024 10:02	1/17/2024 17:26	444	0
547577	1/17/2024 10:02	1/17/2024 19:19	557	0
353371	1/17/2024 10:02	1/18/2024 9:00	1377.75	0
304295	1/17/2024 10:02	1/17/2024 19:18	556	0
251248	1/17/2024 10:03	1/17/2024 11:32	89	0
353651	1/17/2024 10:03	1/18/2024 9:00	1376.75	0
346347	1/17/2024 10:03	1/17/2024 19:19	556	0
328113	1/17/2024 10:03	1/17/2024 10:35	32	0
353082	1/17/2024 10:03	1/18/2024 9:00	1376.75	0
307661	1/17/2024 10:03	1/17/2024 18:48	525	0
304785	1/17/2024 10:04	1/17/2024 18:18	494	0
982261	1/17/2024 10:04	1/17/2024 18:23	499	0
7902724	1/17/2024 10:04	1/17/2024 10:20	16	0
251244	1/17/2024 10:04	1/17/2024 11:35	91	0
345957	1/17/2024 10:04	1/17/2024 18:48	524	0
1343695	1/17/2024 10:04	1/17/2024 11:06	62	0
1406535	1/17/2024 10:04	1/17/2024 16:16	372	0
306565	1/17/2024 10:05	1/17/2024 19:16	551	0
981933	1/17/2024 10:05	1/17/2024 19:11	546	0
47769	1/17/2024 10:05	1/17/2024 17:52	467	0
349467	1/17/2024 10:05	1/17/2024 14:37	272	0
418291	1/17/2024 10:05	1/17/2024 19:11	546	0
1412757	1/17/2024 10:06	1/17/2024 19:20	554	0
304845	1/17/2024 10:06	1/17/2024 18:15	489	0
251189	1/17/2024 10:06	1/17/2024 11:35	89	0
1077082	1/17/2024 10:06	1/17/2024 18:56	530	0
979888	1/17/2024 10:06	1/17/2024 19:02	536	0
1375227	1/17/2024 10:06	1/17/2024 11:34	88	0
4173986	1/17/2024 10:06	1/17/2024 19:12	546	0
1394365	1/17/2024 10:06	1/17/2024 18:14	488	0
303030	1/17/2024 10:06	1/17/2024 19:27	561	2.39
315730	1/17/2024 10:06	1/17/2024 19:07	541	0
49209	1/17/2024 10:06	1/17/2024 19:22	556	0
1434359	1/17/2024 10:06	1/17/2024 18:15	489	0
197883	1/17/2024 10:07	1/17/2024 18:20	493	0
7178975	1/17/2024 10:07	1/17/2024 19:18	551	0
314188	1/17/2024 10:07	1/17/2024 19:13	546	0
1434316	1/17/2024 10:07	1/17/2024 19:02	535	0

195839	1/17/2024 10:07	1/17/2024 17:42	455	0
350406	1/17/2024 10:07	1/17/2024 11:05	58	0
1394324	1/17/2024 10:08	1/17/2024 18:16	488	0
275018	1/17/2024 10:08	1/17/2024 17:23	435	0
9063373	1/17/2024 10:08	1/17/2024 19:02	534	0
274522	1/17/2024 10:08	1/17/2024 19:18	550	0
1377393	1/17/2024 10:08	1/17/2024 18:56	528	0
323657	1/17/2024 10:08	1/17/2024 19:19	551	0
279833	1/17/2024 10:08	1/17/2024 18:59	531	0
1390184	1/17/2024 10:08	1/17/2024 18:54	526	0
1417279	1/17/2024 10:08	1/17/2024 14:08	240	0
455994	1/17/2024 10:08	1/17/2024 11:22	74	0
276488	1/17/2024 10:09	1/17/2024 19:05	536	0
574993	1/17/2024 10:09	1/17/2024 10:14	5	0
558031	1/17/2024 10:09	1/17/2024 11:23	74	0
97730	1/17/2024 10:09	1/17/2024 19:20	551	0
275495	1/17/2024 10:09	1/17/2024 19:10	541	0
605186	1/17/2024 10:09	1/17/2024 11:38	89	0
197629	1/17/2024 10:09	1/17/2024 17:35	446	0
573050	1/17/2024 10:09	1/18/2024 2:25	976	0
281235	1/17/2024 10:09	1/17/2024 17:11	422	0
1641091	1/17/2024 10:10	1/17/2024 14:27	257	0
1437276	1/17/2024 10:10	1/17/2024 18:23	493	0
96751	1/17/2024 10:10	1/17/2024 19:15	545	0
1463520	1/17/2024 10:10	1/17/2024 10:16	6	0
1523524	1/17/2024 10:10	1/17/2024 14:28	258	0
1417138	1/17/2024 10:10	1/17/2024 14:10	240	0
323747	1/17/2024 10:10	1/17/2024 19:19	549	0
101426	1/17/2024 10:11	1/17/2024 19:27	556	1.44
8972545	1/17/2024 10:11	1/17/2024 19:11	540	0
10393495	1/17/2024 10:11	1/17/2024 17:05	414	0
196408	1/17/2024 10:11	1/17/2024 18:19	488	0
312846	1/17/2024 10:11	1/17/2024 14:12	241	0
197690	1/17/2024 10:11	1/17/2024 19:05	534	0
96506	1/17/2024 10:11	1/17/2024 18:08	477	0
561757	1/17/2024 10:12	1/17/2024 11:25	73	0
601397	1/17/2024 10:12	1/17/2024 11:41	89	0
324249	1/17/2024 10:12	1/17/2024 19:13	541	0
1467272	1/17/2024 10:12	1/17/2024 18:57	525	0
8910809	1/17/2024 10:12	1/17/2024 18:15	483	0
345647	1/17/2024 10:13	1/17/2024 19:03	530	0
1463680	1/17/2024 10:13	1/17/2024 19:09	536	0
7879030	1/17/2024 10:13	1/17/2024 18:21	488	0
6761269	1/17/2024 10:13	1/17/2024 19:13	540	0
381982	1/17/2024 10:13	1/17/2024 17:34	441	0
315169	1/17/2024 10:13	1/17/2024 19:11	538	0
574993	1/17/2024 10:14	1/17/2024 10:40	26	0

160073	1/17/2024 10:14	1/17/2024 10:32	18	0
99953	1/17/2024 10:14	1/17/2024 18:07	473	0
887599	1/17/2024 10:15	1/17/2024 14:14	239	0
346967	1/17/2024 10:15	1/17/2024 19:16	541	0
1463520	1/17/2024 10:16	1/17/2024 19:19	543	0
1378128	1/17/2024 10:16	1/17/2024 11:34	78	0
1591422	1/17/2024 10:16	1/17/2024 17:48	452	0
346288	1/17/2024 10:16	1/17/2024 19:17	541	0
418876	1/17/2024 10:16	1/17/2024 15:15	299	0
997397	1/17/2024 10:17	1/17/2024 16:14	357	0
1671958	1/17/2024 10:17	1/17/2024 19:07	530	0
380057	1/17/2024 10:17	1/17/2024 19:07	530	0
11467920	1/17/2024 10:17	1/17/2024 10:32	15	0
342796	1/17/2024 10:18	1/17/2024 18:21	483	0
1513398	1/17/2024 10:18	1/17/2024 18:22	484	0
590897	1/17/2024 10:18	1/17/2024 11:34	76	0
1513363	1/17/2024 10:19	1/17/2024 10:35	16	0
995564	1/17/2024 10:20	1/17/2024 18:08	468	0
7902724	1/17/2024 10:20	1/17/2024 10:36	16	0
417158	1/17/2024 10:20	1/17/2024 18:43	503	0
1556919	1/17/2024 10:20	1/18/2024 9:00	1359.18	0
274125	1/17/2024 10:21	1/17/2024 16:50	389	0
277301	1/17/2024 10:21	1/17/2024 19:17	536	0
274059	1/17/2024 10:21	1/17/2024 18:38	497	0
1513240	1/17/2024 10:21	1/17/2024 10:32	11	0
501613	1/17/2024 10:22	1/17/2024 19:12	530	0
1704232	1/17/2024 10:22	1/17/2024 17:58	456	0
1683861	1/17/2024 10:23	1/17/2024 17:58	455	0
277818	1/17/2024 10:23	1/17/2024 18:51	508	0
580808	1/17/2024 10:23	1/17/2024 19:02	519	0
1664433	1/17/2024 10:24	1/17/2024 10:40	16	0
500322	1/17/2024 10:24	1/17/2024 11:59	95	0
197561	1/17/2024 10:25	1/17/2024 18:29	484	0
553755	1/17/2024 10:25	1/17/2024 19:10	525	0
1333801	1/17/2024 10:26	1/17/2024 18:54	508	0
507365	1/17/2024 10:26	1/17/2024 11:55	89	0
560588	1/17/2024 10:26	1/17/2024 14:43	257	0
643812	1/17/2024 10:27	1/17/2024 11:56	89	0
508593	1/17/2024 10:27	1/17/2024 11:57	90	0
562346	1/17/2024 10:27	1/17/2024 14:45	258	0
644030	1/17/2024 10:27	1/17/2024 11:56	89	0
506261	1/17/2024 10:27	1/17/2024 11:56	89	0
511266	1/17/2024 10:27	1/17/2024 12:00	93	0
510974	1/17/2024 10:27	1/17/2024 11:56	89	0
1074779	1/17/2024 10:28	1/17/2024 14:45	257	0
509233	1/17/2024 10:28	1/17/2024 11:57	89	0
500145	1/17/2024 10:28	1/17/2024 11:57	89	0

415949	1/17/2024 10:30	1/17/2024 17:25	415	0
1275035	1/17/2024 10:30	1/17/2024 14:16	226	0
160073	1/17/2024 10:32	1/17/2024 14:16	224	0
1513240	1/17/2024 10:32	1/17/2024 18:36	484	0
8621797	1/17/2024 10:32	1/17/2024 19:22	530	0
11467920	1/17/2024 10:32	1/17/2024 18:47	495	0
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7533405	1/17/2024 10:34	1/17/2024 17:13	399	0
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1430644	1/17/2024 10:35	1/17/2024 19:10	515	0
1556243	1/17/2024 10:35	1/17/2024 11:38	63	0
1513959	1/17/2024 10:35	1/17/2024 18:22	467	0
328113	1/17/2024 10:35	1/17/2024 11:48	73	0
1513911	1/17/2024 10:35	1/17/2024 18:43	488	0
54324	1/17/2024 10:36	1/17/2024 18:48	492	0
751178	1/17/2024 10:36	1/17/2024 10:52	16	0
1430838	1/17/2024 10:36	1/18/2024 4:29	1073	0
446329	1/17/2024 10:36	1/17/2024 19:24	528	0
7902724	1/17/2024 10:36	1/17/2024 11:07	31	0
457978	1/17/2024 10:37	1/17/2024 11:24	47	0
456099	1/17/2024 10:37	1/17/2024 11:24	47	0
455345	1/17/2024 10:37	1/17/2024 11:24	47	0
455629	1/17/2024 10:37	1/17/2024 11:24	47	0
1430553	1/17/2024 10:37	1/17/2024 19:11	514	0
1421188	1/17/2024 10:38	1/17/2024 14:08	210	0
498070	1/17/2024 10:38	1/17/2024 11:56	78	0
1556246	1/17/2024 10:38	1/17/2024 11:36	58	0
457729	1/17/2024 10:38	1/17/2024 11:25	47	0
1576533	1/17/2024 10:39	1/17/2024 18:52	493	0
500173	1/17/2024 10:39	1/17/2024 11:53	74	0
643434	1/17/2024 10:39	1/17/2024 11:56	77	0
1557676	1/17/2024 10:39	1/17/2024 11:37	58	0
10659831	1/17/2024 10:39	1/17/2024 18:48	489	0
1535026	1/17/2024 10:40	1/17/2024 15:29	289	0
1361623	1/17/2024 10:40	1/17/2024 11:42	62	0
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800600	1/17/2024 10:40	1/17/2024 18:11	451	0
574993	1/17/2024 10:40	1/17/2024 10:46	6	0
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801004	1/17/2024 10:41	1/17/2024 18:30	469	0
1466357	1/17/2024 10:41	1/17/2024 10:46	5	0
1188303	1/17/2024 10:42	1/17/2024 13:56	194	0

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800588	1/17/2024 10:42	1/17/2024 19:36	534	0
8724095	1/17/2024 10:42	1/17/2024 13:56	194	0
656343	1/17/2024 10:42	1/17/2024 14:12	210	0
1351069	1/17/2024 10:42	1/17/2024 11:14	32	0
800590	1/17/2024 10:43	1/17/2024 17:43	420	0
1362855	1/17/2024 10:44	1/17/2024 11:42	58	0
1704044	1/17/2024 10:44	1/17/2024 11:40	56	0
1349083	1/17/2024 10:44	1/17/2024 11:16	32	0
956645	1/17/2024 10:44	1/17/2024 14:30	226	0
1702895	1/17/2024 10:46	1/17/2024 19:04	498	0
675499	1/17/2024 10:46	1/17/2024 10:51	5	0
574993	1/17/2024 10:46	1/17/2024 10:56	10	0
1346410	1/17/2024 10:46	1/17/2024 15:30	284	0
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960195	1/17/2024 10:46	1/17/2024 14:31	225	0
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252922	1/17/2024 10:47	1/17/2024 11:35	48	0
956125	1/17/2024 10:47	1/17/2024 11:18	31	0
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1430294	1/17/2024 10:48	1/17/2024 16:18	330	0
1463218	1/17/2024 10:49	1/17/2024 17:49	420	0
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56060	1/17/2024 10:51	1/17/2024 19:21	510	0
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119833	1/17/2024 10:53	1/17/2024 19:17	504	0
1464949	1/17/2024 10:53	1/17/2024 18:56	483	0
574596	1/17/2024 10:53	1/17/2024 14:28	215	0
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1394415	1/17/2024 10:54	1/17/2024 18:10	436	0
1415828	1/17/2024 10:54	1/18/2024 9:00	1325.02	0
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860281	1/17/2024 10:55	1/17/2024 11:42	47	0
196965	1/17/2024 10:55	1/17/2024 19:14	499	0
1664433	1/17/2024 10:55	1/17/2024 11:27	32	0
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1548014	1/17/2024 10:56	1/17/2024 19:09	493	0

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1320619	1/17/2024 10:56	1/17/2024 18:46	470	0
1310926	1/17/2024 10:56	1/17/2024 11:54	58	0
1465882	1/17/2024 10:56	1/17/2024 19:05	489	0
11009258	1/17/2024 10:56	1/17/2024 19:25	509	0
859747	1/17/2024 10:56	1/17/2024 11:38	42	0
197356	1/17/2024 10:57	1/17/2024 18:44	467	0
8068454	1/17/2024 10:57	1/17/2024 11:23	26	0
381338	1/17/2024 10:57	1/17/2024 19:21	504	0
378229	1/17/2024 10:59	1/17/2024 19:23	504	0
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1320646	1/17/2024 11:00	1/17/2024 18:58	478	0
346185	1/17/2024 11:01	1/17/2024 18:32	451	0
574993	1/17/2024 11:01	1/17/2024 11:12	11	0
563721	1/17/2024 11:04	1/17/2024 18:14	430	0
8495802	1/17/2024 11:04	1/17/2024 14:34	210	1.01
1556565	1/17/2024 11:05	1/17/2024 11:36	31	0
1556486	1/17/2024 11:05	1/17/2024 11:37	32	0
350406	1/17/2024 11:05	1/17/2024 14:35	210	0
1556434	1/17/2024 11:05	1/17/2024 11:36	31	0
1343695	1/17/2024 11:06	1/17/2024 12:04	58	0
1556352	1/17/2024 11:06	1/17/2024 11:38	32	0.08
563415	1/17/2024 11:06	1/17/2024 18:37	451	0
1431804	1/17/2024 11:06	1/17/2024 19:04	478	0
308032	1/17/2024 11:07	1/17/2024 19:21	494	0
7902724	1/17/2024 11:07	1/17/2024 11:23	16	0
308802	1/17/2024 11:08	1/17/2024 18:39	451	0
1549585	1/17/2024 11:08	1/18/2024 9:00	1311.18	0
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1462990	1/17/2024 11:09	1/17/2024 18:19	430	0
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502630	1/17/2024 11:09	1/17/2024 11:57	48	0
324045	1/17/2024 11:11	1/17/2024 19:08	477	0
309265	1/17/2024 11:11	1/17/2024 17:50	399	0
127206	1/17/2024 11:11	1/18/2024 9:00	1308.75	0
955448	1/17/2024 11:12	1/17/2024 14:27	195	0
611363	1/17/2024 11:12	1/17/2024 14:42	210	0
325050	1/17/2024 11:12	1/17/2024 18:31	439	0
574993	1/17/2024 11:12	1/17/2024 11:17	5	0
1348976	1/17/2024 11:12	1/17/2024 11:28	16	0
1349766	1/17/2024 11:12	1/17/2024 11:28	16	0.01
21306	1/17/2024 11:12	1/17/2024 14:26	194	0
501176	1/17/2024 11:13	1/17/2024 11:56	43	0
664453	1/17/2024 11:13	1/17/2024 14:12	179	0
957216	1/17/2024 11:14	1/17/2024 14:28	194	0
1351069	1/17/2024 11:14	1/17/2024 11:30	16	0

21820	1/17/2024 11:15	1/17/2024 14:27	192	0
1573666	1/17/2024 11:16	1/17/2024 14:30	194	0
1349083	1/17/2024 11:16	1/17/2024 11:26	10	0
574993	1/17/2024 11:17	1/17/2024 11:28	11	0
956125	1/17/2024 11:18	1/17/2024 14:28	190	0
6995795	1/17/2024 11:21	1/17/2024 18:29	428	0
455994	1/17/2024 11:22	1/17/2024 11:46	24	0
1332906	1/17/2024 11:22	1/17/2024 19:00	458	0
8434548	1/17/2024 11:22	1/17/2024 19:14	472	0
48217	1/17/2024 11:23	1/17/2024 19:15	472	0
70866	1/17/2024 11:23	1/18/2024 9:00	1296.75	0
558031	1/17/2024 11:23	1/17/2024 17:35	372	0
8068454	1/17/2024 11:23	1/17/2024 18:52	449	0
7902724	1/17/2024 11:23	1/17/2024 15:35	252	0
65245	1/17/2024 11:23	1/17/2024 14:08	165	0
454861	1/17/2024 11:24	1/17/2024 11:40	16	0
456099	1/17/2024 11:24	1/17/2024 11:40	16	0
1672784	1/17/2024 11:24	1/18/2024 9:00	1295.9	0
455345	1/17/2024 11:24	1/17/2024 11:52	28	0
455629	1/17/2024 11:24	1/17/2024 11:39	15	0
1459057	1/17/2024 11:24	1/17/2024 19:11	467	0
9313875	1/17/2024 11:24	1/17/2024 19:11	467	0
457978	1/17/2024 11:24	1/17/2024 11:41	17	0
454901	1/17/2024 11:25	1/17/2024 11:40	15	0
457729	1/17/2024 11:25	1/17/2024 11:36	11	0
773113	1/17/2024 11:25	1/17/2024 18:51	446	0
561757	1/17/2024 11:25	1/17/2024 18:25	420	0
954637	1/17/2024 11:25	1/17/2024 14:29	184	0
416557	1/17/2024 11:26	1/17/2024 17:39	373	0
1349083	1/17/2024 11:26	1/17/2024 18:36	430	0
10510361	1/17/2024 11:26	1/17/2024 14:14	168	0
1348731	1/17/2024 11:26	1/17/2024 11:32	6	0
1093833	1/17/2024 11:26	1/17/2024 11:41	15	0
8590289	1/17/2024 11:27	1/17/2024 11:59	32	0
1664433	1/17/2024 11:27	1/17/2024 11:38	11	0
564518	1/17/2024 11:27	1/17/2024 11:43	16	0
1349766	1/17/2024 11:28	1/17/2024 19:10	462	0.33
574993	1/17/2024 11:28	1/17/2024 11:33	5	0
419418	1/17/2024 11:28	1/17/2024 17:09	341	0
1348976	1/17/2024 11:28	1/17/2024 18:54	446	0
8104722	1/17/2024 11:28	1/17/2024 14:16	168	0
954332	1/17/2024 11:28	1/17/2024 14:26	178	0
567126	1/17/2024 11:28	1/17/2024 11:44	16	0
317084	1/17/2024 11:28	1/17/2024 14:16	168	0
314899	1/17/2024 11:29	1/17/2024 14:11	162	0
29635	1/17/2024 11:29	1/18/2024 9:00	1290.75	0
318402	1/17/2024 11:30	1/17/2024 14:13	163	0

1351069	1/17/2024 11:30	1/17/2024 19:22	472	0
8387677	1/17/2024 11:30	1/17/2024 14:13	163	0
317126	1/17/2024 11:31	1/17/2024 14:13	162	0
523489	1/17/2024 11:31	1/17/2024 14:12	161	0
1565203	1/17/2024 11:31	1/17/2024 11:47	16	0
1493132	1/17/2024 11:32	1/17/2024 13:18	106	0
445867	1/17/2024 11:32	1/17/2024 12:14	42	0
1348731	1/17/2024 11:32	1/17/2024 11:36	4	0
251248	1/17/2024 11:32	1/17/2024 11:49	17	0
808829	1/17/2024 11:32	1/17/2024 18:47	435	0
574993	1/17/2024 11:33	1/17/2024 14:26	173	0
1376158	1/17/2024 11:34	1/17/2024 14:48	194	0
611116	1/17/2024 11:34	1/17/2024 18:39	425	0
1378128	1/17/2024 11:34	1/17/2024 14:46	192	0
1378273	1/17/2024 11:34	1/17/2024 15:10	216	0
590897	1/17/2024 11:34	1/17/2024 11:50	16	0
1375227	1/17/2024 11:34	1/17/2024 13:20	106	0
251244	1/17/2024 11:35	1/17/2024 11:45	10	0
251189	1/17/2024 11:35	1/17/2024 11:51	16	0
252922	1/17/2024 11:35	1/17/2024 11:50	15	0
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1557188	1/17/2024 11:36	1/17/2024 12:04	28	0
1348731	1/17/2024 11:36	1/17/2024 15:02	206	0
1556246	1/17/2024 11:36	1/17/2024 12:04	28	0
457729	1/17/2024 11:36	1/17/2024 15:23	227	0
1556434	1/17/2024 11:36	1/17/2024 12:04	28	0
1554218	1/17/2024 11:36	1/17/2024 12:04	28	0
65553	1/17/2024 11:37	1/18/2024 9:00	1282.75	0
1556486	1/17/2024 11:37	1/17/2024 12:04	27	0
1557676	1/17/2024 11:37	1/17/2024 12:04	27	0
605186	1/17/2024 11:38	1/17/2024 19:20	462	0
1556243	1/17/2024 11:38	1/17/2024 12:04	26	0
1556352	1/17/2024 11:38	1/17/2024 12:04	26	0.12
469018	1/17/2024 11:38	1/17/2024 12:04	26	0
859747	1/17/2024 11:38	1/17/2024 11:54	16	0
1664433	1/17/2024 11:38	1/17/2024 12:09	31	0
751178	1/17/2024 11:39	1/17/2024 12:08	29	0
455629	1/17/2024 11:39	1/17/2024 15:25	226	0
454901	1/17/2024 11:40	1/17/2024 15:22	222	0
1704044	1/17/2024 11:40	1/17/2024 12:12	32	0
454861	1/17/2024 11:40	1/17/2024 14:22	162	0
456099	1/17/2024 11:40	1/17/2024 15:54	254	0
1259109	1/17/2024 11:40	1/17/2024 12:02	22	0
457978	1/17/2024 11:41	1/17/2024 15:23	222	0
601397	1/17/2024 11:41	1/17/2024 14:55	194	0
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860281	1/17/2024 11:42	1/17/2024 11:53	11	0
1361623	1/17/2024 11:42	1/17/2024 12:14	32	0
1356945	1/17/2024 11:42	1/17/2024 12:14	32	0
564518	1/17/2024 11:43	1/17/2024 19:14	451	0
567126	1/17/2024 11:44	1/17/2024 19:10	446	0
251244	1/17/2024 11:45	1/17/2024 12:01	16	0
455994	1/17/2024 11:46	1/17/2024 14:23	157	0
1565203	1/17/2024 11:47	1/17/2024 12:03	16	0
328113	1/17/2024 11:48	1/17/2024 13:17	89	0
251248	1/17/2024 11:49	1/17/2024 12:03	14	0
590897	1/17/2024 11:50	1/17/2024 12:01	11	0
252922	1/17/2024 11:50	1/17/2024 12:06	16	0
251189	1/17/2024 11:51	1/17/2024 12:06	15	0
455345	1/17/2024 11:52	1/17/2024 14:21	149	0
860281	1/17/2024 11:53	1/17/2024 12:08	15	0
500173	1/17/2024 11:53	1/17/2024 14:21	148	0
859747	1/17/2024 11:54	1/17/2024 12:09	15	0
1310926	1/17/2024 11:54	1/17/2024 19:16	442	0
507365	1/17/2024 11:55	1/17/2024 12:27	32	0
644030	1/17/2024 11:56	1/17/2024 12:43	47	0
502163	1/17/2024 11:56	1/17/2024 12:28	32	0
643434	1/17/2024 11:56	1/17/2024 12:38	42	0
510974	1/17/2024 11:56	1/17/2024 12:27	31	0
510307	1/17/2024 11:56	1/17/2024 12:27	31	0
498070	1/17/2024 11:56	1/17/2024 14:23	147	0
506261	1/17/2024 11:56	1/17/2024 12:27	31	0
643812	1/17/2024 11:56	1/17/2024 12:43	47	0
501176	1/17/2024 11:56	1/17/2024 12:32	36	0
500145	1/17/2024 11:57	1/17/2024 12:28	31	0
508593	1/17/2024 11:57	1/17/2024 12:28	31	0
502630	1/17/2024 11:57	1/17/2024 12:28	31	0
509233	1/17/2024 11:57	1/17/2024 12:24	27	0
500322	1/17/2024 11:59	1/17/2024 12:25	26	0
8590289	1/17/2024 11:59	1/17/2024 12:25	26	0
511266	1/17/2024 12:00	1/17/2024 12:26	26	0
1309098	1/17/2024 12:00	1/17/2024 19:10	430	0
251244	1/17/2024 12:01	1/18/2024 9:00	1258.75	0
590897	1/17/2024 12:01	1/18/2024 9:00	1258.9	0
1259109	1/17/2024 12:02	1/17/2024 12:12	10	0
1565203	1/17/2024 12:03	1/17/2024 14:30	147	0
251248	1/17/2024 12:03	1/18/2024 9:00	1256.75	0
1567514	1/17/2024 12:03	1/17/2024 13:16	73	0
1556434	1/17/2024 12:04	1/17/2024 16:20	256	0
1554218	1/17/2024 12:04	1/17/2024 15:06	182	0
1557188	1/17/2024 12:04	1/17/2024 15:07	183	0

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469018	1/17/2024 12:04	1/18/2024 9:00	1255.9	0
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1343695	1/17/2024 12:04	1/17/2024 13:02	58	0
1557303	1/17/2024 12:04	1/17/2024 15:05	181	0
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1556246	1/17/2024 12:04	1/17/2024 15:06	182	0
13912	1/17/2024 12:05	1/18/2024 9:00	1254.75	0
251189	1/17/2024 12:06	1/18/2024 9:00	1253.75	0
252922	1/17/2024 12:06	1/18/2024 9:00	1253.75	0
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751178	1/17/2024 12:08	1/17/2024 15:51	223	0
859747	1/17/2024 12:09	1/17/2024 15:40	211	0
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1356945	1/17/2024 12:14	1/17/2024 14:26	132	0
1190246	1/17/2024 12:14	1/17/2024 13:12	58	0
1361623	1/17/2024 12:14	1/17/2024 14:26	132	0
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509233	1/17/2024 12:24	1/17/2024 14:09	105	0
8590289	1/17/2024 12:25	1/17/2024 14:42	137	0
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507365	1/17/2024 12:27	1/17/2024 14:43	136	0
506261	1/17/2024 12:27	1/17/2024 14:10	103	0
510307	1/17/2024 12:27	1/17/2024 14:44	137	0
508593	1/17/2024 12:28	1/17/2024 14:45	137	0
502163	1/17/2024 12:28	1/17/2024 17:22	294	0
502630	1/17/2024 12:28	1/17/2024 18:39	371	0
500145	1/17/2024 12:28	1/17/2024 18:36	368	0
501176	1/17/2024 12:32	1/17/2024 17:51	319	0
643434	1/17/2024 12:38	1/17/2024 15:09	151	0
643812	1/17/2024 12:43	1/17/2024 15:10	147	0
644030	1/17/2024 12:43	1/17/2024 15:10	147	0
69207	1/17/2024 12:52	1/18/2024 9:00	1207.75	0
67122	1/17/2024 12:54	1/18/2024 9:00	1205.75	0
67738	1/17/2024 12:55	1/18/2024 9:00	1204.75	0
68620	1/17/2024 12:55	1/18/2024 9:00	1204.75	0
1343695	1/17/2024 13:02	1/17/2024 16:42	220	0
68308	1/17/2024 13:07	1/18/2024 9:00	1192.75	0
926657	1/17/2024 13:09	1/17/2024 15:36	147	0

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23462	1/17/2024 13:13	1/18/2024 9:00	1186.75	0
34905	1/17/2024 13:16	1/18/2024 9:00	1183.75	0
1567514	1/17/2024 13:16	1/18/2024 9:00	1183.18	0
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1493132	1/17/2024 13:18	1/17/2024 14:46	88	0
25674	1/17/2024 13:18	1/17/2024 16:42	204	0
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903630	1/17/2024 13:23	1/18/2024 9:00	1176.87	0
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593366	1/17/2024 13:49	1/17/2024 14:20	31	0
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593397	1/17/2024 13:50	1/17/2024 14:17	27	0
8724095	1/17/2024 13:56	1/17/2024 14:28	32	0
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65245	1/17/2024 14:08	1/17/2024 14:23	15	0
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1509487	1/17/2024 14:09	1/17/2024 14:25	16	0
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314899	1/17/2024 14:11	1/17/2024 14:43	32	0
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656343	1/17/2024 14:12	1/17/2024 14:28	16	0
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318402	1/17/2024 14:13	1/17/2024 14:45	32	0
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583848	1/17/2024 14:16	1/17/2024 15:34	78	0
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8104722	1/17/2024 14:16	1/17/2024 14:42	26	0
317797	1/17/2024 14:17	1/17/2024 14:27	10	0
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10628562	1/17/2024 14:17	1/17/2024 14:33	16	0
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1595324	1/17/2024 14:19	1/17/2024 14:35	16	0
1609222	1/17/2024 14:19	1/17/2024 14:34	15	0
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574993	1/17/2024 14:26	1/17/2024 14:31	5	0
1361623	1/17/2024 14:26	1/17/2024 14:42	16	0

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21306	1/17/2024 14:26	1/17/2024 14:58	32	0
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1356945	1/17/2024 14:26	1/17/2024 15:12	46	0
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1641091	1/17/2024 14:27	1/17/2024 18:55	268	0
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955448	1/17/2024 14:27	1/17/2024 14:42	15	0
957615	1/17/2024 14:27	1/17/2024 14:43	16	0
1509486	1/17/2024 14:27	1/17/2024 14:43	16	0
317797	1/17/2024 14:27	1/17/2024 14:43	16	0
1704044	1/17/2024 14:28	1/17/2024 14:44	16	0
8724095	1/17/2024 14:28	1/17/2024 14:44	16	0
574596	1/17/2024 14:28	1/17/2024 14:43	15	0
1523524	1/17/2024 14:28	1/17/2024 18:29	241	0
656343	1/17/2024 14:28	1/17/2024 14:44	16	0
956125	1/17/2024 14:28	1/17/2024 14:43	15	0
1363588	1/17/2024 14:28	1/17/2024 14:42	14	0
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1512146	1/17/2024 14:28	1/17/2024 14:43	15	0
1188303	1/17/2024 14:28	1/17/2024 14:44	16	0
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535845	1/17/2024 14:29	1/17/2024 14:45	16	0
954637	1/17/2024 14:29	1/17/2024 14:45	16	0
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1362855	1/17/2024 14:30	1/17/2024 14:40	10	0
960195	1/17/2024 14:31	1/17/2024 14:42	11	0
574993	1/17/2024 14:31	1/17/2024 14:42	11	0
315345	1/17/2024 14:31	1/17/2024 14:41	10	0
1595351	1/17/2024 14:32	1/17/2024 19:05	273	0
593397	1/17/2024 14:32	1/17/2024 15:05	33	0
1567316	1/17/2024 14:32	1/17/2024 18:55	263	0
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10628562	1/17/2024 14:33	1/17/2024 17:53	200	0
8495802	1/17/2024 14:34	1/17/2024 19:18	284	0
1609415	1/17/2024 14:34	1/17/2024 18:44	250	0

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593798	1/17/2024 14:36	1/17/2024 15:02	26	0
1288420	1/17/2024 14:36	1/17/2024 14:46	10	0
449377	1/17/2024 14:36	1/17/2024 14:57	21	0
9524954	1/17/2024 14:36	1/17/2024 18:51	255	0
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1415622	1/17/2024 14:36	1/17/2024 19:10	274	0
593366	1/17/2024 14:36	1/17/2024 15:03	27	0
349467	1/17/2024 14:37	1/17/2024 14:48	11	0
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1609551	1/17/2024 14:37	1/17/2024 19:20	283	0
267537	1/17/2024 14:37	1/17/2024 19:21	284	0
500173	1/17/2024 14:37	1/17/2024 19:10	273	0
65245	1/17/2024 14:38	1/17/2024 17:58	200	0
1456419	1/17/2024 14:39	1/17/2024 18:45	246	0
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70277	1/17/2024 14:39	1/17/2024 19:17	278	0
281056	1/17/2024 14:39	1/17/2024 17:12	153	0
1446785	1/17/2024 14:39	1/17/2024 18:37	238	0
280173	1/17/2024 14:40	1/17/2024 19:13	273	0
509233	1/17/2024 14:40	1/17/2024 18:52	252	0
496500	1/17/2024 14:40	1/17/2024 19:03	263	0
1362855	1/17/2024 14:40	1/17/2024 19:08	268	0
956645	1/17/2024 14:40	1/17/2024 18:31	231	0
496498	1/17/2024 14:41	1/17/2024 18:00	199	0
1509487	1/17/2024 14:41	1/17/2024 18:42	241	0
315346	1/17/2024 14:41	1/17/2024 17:54	193	0
561758	1/17/2024 14:41	1/17/2024 18:37	236	0
315345	1/17/2024 14:41	1/17/2024 17:34	173	0
506261	1/17/2024 14:41	1/17/2024 18:32	231	0
1362130	1/17/2024 14:42	1/17/2024 18:34	232	0
574993	1/17/2024 14:42	1/17/2024 14:47	5	0
1350104	1/17/2024 14:42	1/17/2024 14:58	16	0
960195	1/17/2024 14:42	1/17/2024 18:54	252	0
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8590289	1/17/2024 14:42	1/17/2024 19:04	262	0
8104722	1/17/2024 14:42	1/17/2024 19:15	273	0
611363	1/17/2024 14:42	1/18/2024 9:00	1097.9	0
955448	1/17/2024 14:42	1/17/2024 19:05	263	0
1361623	1/17/2024 14:42	1/17/2024 18:38	236	0
511266	1/17/2024 14:42	1/17/2024 18:39	237	0
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646026	1/17/2024 14:42	1/17/2024 19:10	268	0

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8668965	1/17/2024 14:42	1/17/2024 17:14	152	0
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956968	1/17/2024 14:42	1/17/2024 20:48	366	0
317084	1/17/2024 14:42	1/17/2024 18:49	247	0
317797	1/17/2024 14:43	1/17/2024 18:39	236	0
560588	1/17/2024 14:43	1/17/2024 19:05	262	0
658658	1/17/2024 14:43	1/17/2024 18:02	199	0
1512146	1/17/2024 14:43	1/17/2024 19:21	278	0
1509486	1/17/2024 14:43	1/17/2024 19:00	257	0
574596	1/17/2024 14:43	1/17/2024 19:13	270	0
535717	1/17/2024 14:43	1/17/2024 18:14	211	0
956125	1/17/2024 14:43	1/17/2024 17:26	163	0
314899	1/17/2024 14:43	1/17/2024 19:11	268	0
507365	1/17/2024 14:43	1/17/2024 19:16	273	0
957615	1/17/2024 14:43	1/17/2024 17:36	173	0
957216	1/17/2024 14:44	1/17/2024 19:12	268	0
562202	1/17/2024 14:44	1/17/2024 14:49	5	0
664453	1/17/2024 14:44	1/17/2024 18:40	236	0
1361528	1/17/2024 14:44	1/17/2024 18:34	230	0
1188303	1/17/2024 14:44	1/17/2024 17:48	184	0
510974	1/17/2024 14:44	1/17/2024 17:27	163	0
523489	1/17/2024 14:44	1/17/2024 19:22	278	0
8724095	1/17/2024 14:44	1/17/2024 17:16	152	0
1351588	1/17/2024 14:44	1/17/2024 15:00	16	0
656343	1/17/2024 14:44	1/17/2024 18:29	225	0
510307	1/17/2024 14:44	1/17/2024 17:23	159	0
1361770	1/17/2024 14:44	1/17/2024 19:06	262	0
1704044	1/17/2024 14:44	1/17/2024 18:40	236	0
8387677	1/17/2024 14:44	1/17/2024 19:02	258	0
8524544	1/17/2024 14:44	1/17/2024 18:30	226	0
535845	1/17/2024 14:45	1/17/2024 18:32	227	0
8148103	1/17/2024 14:45	1/17/2024 19:13	268	0
10510361	1/17/2024 14:45	1/17/2024 19:18	273	0
562346	1/17/2024 14:45	1/17/2024 19:10	265	0
317126	1/17/2024 14:45	1/17/2024 17:54	189	0
1074779	1/17/2024 14:45	1/17/2024 18:57	252	0
317233	1/17/2024 14:45	1/17/2024 19:02	257	0
318402	1/17/2024 14:45	1/17/2024 18:41	236	0
313269	1/17/2024 14:45	1/17/2024 18:46	241	0
316997	1/17/2024 14:45	1/17/2024 19:02	257	0
508593	1/17/2024 14:45	1/17/2024 17:48	183	0
954637	1/17/2024 14:45	1/17/2024 16:51	126	0
1493132	1/17/2024 14:46	1/17/2024 19:20	274	0
1288420	1/17/2024 14:46	1/17/2024 14:52	6	0
314945	1/17/2024 14:46	1/17/2024 19:19	273	0

1378128	1/17/2024 14:46	1/17/2024 19:12	266	0
574993	1/17/2024 14:47	1/17/2024 14:57	10	0
315306	1/17/2024 14:47	1/17/2024 18:59	252	0
1275035	1/17/2024 14:48	1/17/2024 18:12	204	0
349467	1/17/2024 14:48	1/17/2024 18:18	210	0
1375227	1/17/2024 14:48	1/17/2024 18:50	242	0
1375642	1/17/2024 14:48	1/17/2024 19:10	262	0
350517	1/17/2024 14:48	1/17/2024 19:09	261	0
1376158	1/17/2024 14:48	1/17/2024 18:12	204	0
350346	1/17/2024 14:49	1/17/2024 17:57	188	0
562202	1/17/2024 14:49	1/18/2024 9:00	1090.9	0
8605921	1/17/2024 14:51	1/17/2024 18:57	246	0
350406	1/17/2024 14:51	1/17/2024 15:22	31	0
1288420	1/17/2024 14:52	1/17/2024 15:12	20	0
328113	1/17/2024 14:52	1/17/2024 18:22	210	0
1342473	1/17/2024 14:54	1/17/2024 17:30	156	0
601397	1/17/2024 14:55	1/17/2024 21:37	402	0
1421188	1/17/2024 14:56	1/17/2024 19:18	262	0
1452843	1/17/2024 14:57	1/18/2024 9:00	1082.18	0
574993	1/17/2024 14:57	1/17/2024 15:03	6	0
449377	1/17/2024 14:57	1/17/2024 15:13	16	0
634044	1/17/2024 14:57	1/17/2024 18:06	189	0
1309133	1/17/2024 14:58	1/18/2024 9:00	1081.02	0
21306	1/17/2024 14:58	1/17/2024 18:43	225	0
634779	1/17/2024 14:58	1/17/2024 19:04	246	0
1353016	1/17/2024 14:58	1/17/2024 18:54	236	0
1350104	1/17/2024 14:58	1/17/2024 19:10	252	0
1457350	1/17/2024 14:59	1/18/2024 9:00	1080.18	0
1703519	1/17/2024 15:00	1/17/2024 19:12	252	0
1352967	1/17/2024 15:00	1/17/2024 17:44	164	0
1351588	1/17/2024 15:00	1/17/2024 19:18	258	0
627289	1/17/2024 15:01	1/18/2024 9:00	1078.9	0
8957908	1/17/2024 15:02	1/17/2024 18:56	234	0
1354444	1/17/2024 15:02	1/18/2024 9:00	1077.02	0
593798	1/17/2024 15:02	1/17/2024 17:13	131	0
1348731	1/17/2024 15:02	1/17/2024 15:06	4	0
971524	1/17/2024 15:03	1/18/2024 9:00	1076.9	0
1556243	1/17/2024 15:03	1/17/2024 18:27	204	0
593366	1/17/2024 15:03	1/17/2024 18:27	204	0
624953	1/17/2024 15:03	1/18/2024 9:00	1076.9	0
574993	1/17/2024 15:03	1/17/2024 15:13	10	0
21820	1/17/2024 15:04	1/17/2024 18:50	226	0
627018	1/17/2024 15:04	1/18/2024 9:00	1075.9	0
456048	1/17/2024 15:04	1/17/2024 18:29	205	0
593397	1/17/2024 15:05	1/17/2024 18:24	199	0
1557303	1/17/2024 15:05	1/17/2024 18:51	226	0
1556246	1/17/2024 15:06	1/17/2024 18:10	184	0

1554218	1/17/2024 15:06	1/17/2024 19:13	247	0
1348731	1/17/2024 15:06	1/18/2024 9:00	1073.02	0
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1557676	1/17/2024 15:07	1/17/2024 18:21	194	0
456084	1/17/2024 15:08	1/17/2024 18:48	220	0
643434	1/17/2024 15:09	1/17/2024 18:12	183	0
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1378273	1/17/2024 15:10	1/17/2024 19:06	236	0
643812	1/17/2024 15:10	1/17/2024 19:17	247	0
1190246	1/17/2024 15:12	1/17/2024 18:16	184	0
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1288420	1/17/2024 15:12	1/17/2024 15:18	6	0
449377	1/17/2024 15:13	1/17/2024 15:29	16	0
574993	1/17/2024 15:13	1/17/2024 15:18	5	0
418876	1/17/2024 15:15	1/18/2024 9:00	1064.9	0
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454901	1/17/2024 15:22	1/17/2024 15:38	16	0
455994	1/17/2024 15:22	1/17/2024 15:37	15	0
350406	1/17/2024 15:22	1/17/2024 16:36	74	0
852071	1/17/2024 15:22	1/17/2024 18:52	210	0
1664433	1/17/2024 15:23	1/17/2024 19:04	221	0
457978	1/17/2024 15:23	1/17/2024 15:38	15	0
854579	1/17/2024 15:23	1/17/2024 18:27	184	0
457729	1/17/2024 15:23	1/17/2024 15:39	16	0
574993	1/17/2024 15:24	1/17/2024 15:29	5	0
1547917	1/17/2024 15:25	1/17/2024 17:39	134	0
852125	1/17/2024 15:25	1/17/2024 18:34	189	0
455629	1/17/2024 15:25	1/17/2024 16:50	85	0
454861	1/17/2024 15:25	1/17/2024 15:35	10	0
1535026	1/17/2024 15:29	1/17/2024 17:25	116	0
449377	1/17/2024 15:29	1/17/2024 16:22	53	0
574993	1/17/2024 15:29	1/17/2024 15:39	10	0
1346410	1/17/2024 15:30	1/17/2024 16:12	42	0
583848	1/17/2024 15:34	1/17/2024 16:37	63	0
7902724	1/17/2024 15:35	1/17/2024 16:07	32	0
454861	1/17/2024 15:35	1/17/2024 15:51	16	0
926657	1/17/2024 15:36	1/17/2024 18:29	173	0
455994	1/17/2024 15:37	1/17/2024 15:52	15	0
457978	1/17/2024 15:38	1/17/2024 15:54	16	0
454901	1/17/2024 15:38	1/17/2024 15:53	15	0
860281	1/17/2024 15:38	1/17/2024 18:10	152	0
457729	1/17/2024 15:39	1/17/2024 15:54	15	0
574993	1/17/2024 15:39	1/17/2024 15:45	6	0
859747	1/17/2024 15:40	1/17/2024 19:20	220	0
574993	1/17/2024 15:45	1/17/2024 15:55	10	0
160073	1/17/2024 15:45	1/17/2024 17:51	126	0

1378582	1/17/2024 15:48	1/17/2024 18:28	160	0
751178	1/17/2024 15:51	1/17/2024 19:16	205	0
454861	1/17/2024 15:51	1/17/2024 19:06	195	0
455994	1/17/2024 15:52	1/17/2024 16:08	16	0
454901	1/17/2024 15:53	1/17/2024 18:49	176	0
457978	1/17/2024 15:54	1/17/2024 19:19	205	0
457729	1/17/2024 15:54	1/17/2024 19:14	200	0
456099	1/17/2024 15:54	1/17/2024 18:27	153	0
574993	1/17/2024 15:55	1/17/2024 16:00	5	0
574993	1/17/2024 16:00	1/18/2024 9:00	1019.9	0
455345	1/17/2024 16:01	1/17/2024 19:12	191	0
7902724	1/17/2024 16:07	1/17/2024 16:22	15	0
455994	1/17/2024 16:08	1/17/2024 19:22	194	0
1346410	1/17/2024 16:12	1/17/2024 18:06	114	0
997397	1/17/2024 16:14	1/18/2024 9:00	1005.43	0
1405290	1/17/2024 16:16	1/17/2024 19:20	184	0
1406535	1/17/2024 16:16	1/17/2024 19:10	174	0
1430294	1/17/2024 16:18	1/17/2024 18:03	105	0
1556565	1/17/2024 16:20	1/17/2024 17:44	84	0
1556434	1/17/2024 16:20	1/17/2024 18:57	157	0
51957	1/17/2024 16:21	1/17/2024 18:31	130	0
1556486	1/17/2024 16:21	1/17/2024 19:14	173	0
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7902724	1/17/2024 16:22	1/17/2024 16:38	16	0
642003	1/17/2024 16:25	1/17/2024 19:18	173	0
1557188	1/17/2024 16:31	1/18/2024 9:00	988.18	0
1019446	1/17/2024 16:33	1/18/2024 3:00	627	0
1609484	1/17/2024 16:34	1/17/2024 16:50	16	0
350406	1/17/2024 16:36	1/17/2024 17:54	78	0
7518767	1/17/2024 16:37	1/17/2024 18:42	125	0
583848	1/17/2024 16:37	1/18/2024 9:00	982.9	0
7902724	1/17/2024 16:38	1/17/2024 18:23	105	0
1343695	1/17/2024 16:42	1/18/2024 9:00	977.02	0
25674	1/17/2024 16:42	1/18/2024 9:00	977.75	0
449377	1/17/2024 16:43	1/17/2024 17:14	31	0
455629	1/17/2024 16:50	1/18/2024 9:00	969.9	0
1609484	1/17/2024 16:50	1/18/2024 2:38	588	0
274125	1/17/2024 16:50	1/17/2024 16:56	6	0
954637	1/17/2024 16:51	1/18/2024 9:00	968.43	0
1076617	1/17/2024 16:51	1/17/2024 19:23	152	0
1444966	1/17/2024 16:54	1/17/2024 18:49	115	0
1443586	1/17/2024 16:55	1/17/2024 18:56	121	0
274125	1/17/2024 16:56	1/18/2024 2:49	593	0
1093833	1/17/2024 17:01	1/18/2024 9:00	958.9	0
1334393	1/17/2024 17:04	1/17/2024 17:16	12	0
1654064	1/17/2024 17:05	1/17/2024 17:52	47	0
10393495	1/17/2024 17:05	1/18/2024 9:00	954.75	0

419418	1/17/2024 17:09	1/18/2024 9:00	950.9	0
1433697	1/17/2024 17:10	1/18/2024 9:00	949.9	0
281235	1/17/2024 17:11	1/18/2024 9:00	948.75	0
281056	1/17/2024 17:12	1/18/2024 9:00	947.75	0
593798	1/17/2024 17:13	1/18/2024 9:00	946.9	0
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8668965	1/17/2024 17:14	1/18/2024 9:00	945.9	0
449377	1/17/2024 17:14	1/17/2024 17:24	10	0
8724095	1/17/2024 17:16	1/17/2024 17:28	12	0
1334393	1/17/2024 17:16	1/18/2024 3:08	592	0
587455	1/17/2024 17:17	1/17/2024 17:59	42	0
502163	1/17/2024 17:22	1/18/2024 9:00	937.9	0
510307	1/17/2024 17:23	1/18/2024 9:00	936.9	0
1546138	1/17/2024 17:23	1/17/2024 18:58	95	0
275018	1/17/2024 17:23	1/18/2024 9:00	936.75	0
449377	1/17/2024 17:24	1/17/2024 17:35	11	0
1535026	1/17/2024 17:25	1/18/2024 1:28	483	0
415949	1/17/2024 17:25	1/18/2024 9:00	934.9	0
1324815	1/17/2024 17:26	1/18/2024 9:00	933.02	0
956125	1/17/2024 17:26	1/17/2024 17:42	16	0
1290180	1/17/2024 17:26	1/18/2024 9:00	933.02	0
510974	1/17/2024 17:27	1/18/2024 9:00	932.9	0
346135	1/17/2024 17:27	1/18/2024 9:00	932.75	0
8724095	1/17/2024 17:28	1/18/2024 3:16	588	0
1342473	1/17/2024 17:30	1/18/2024 9:00	929.02	0
1346665	1/17/2024 17:32	1/17/2024 18:00	28	0
381982	1/17/2024 17:34	1/18/2024 9:00	925.9	0
315345	1/17/2024 17:34	1/18/2024 9:00	925.75	0
449377	1/17/2024 17:35	1/17/2024 17:50	15	0
558031	1/17/2024 17:35	1/18/2024 9:00	924.9	0
197629	1/17/2024 17:35	1/18/2024 9:00	924.75	0
957615	1/17/2024 17:36	1/18/2024 9:00	923.43	0
1469956	1/17/2024 17:36	1/17/2024 17:46	10	0
1348444	1/17/2024 17:36	1/17/2024 18:12	36	0
1347949	1/17/2024 17:38	1/17/2024 18:00	22	0
1547917	1/17/2024 17:39	1/18/2024 1:29	470	0
416557	1/17/2024 17:39	1/18/2024 9:00	920.9	0
1348551	1/17/2024 17:40	1/17/2024 18:02	22	0
1349502	1/17/2024 17:42	1/17/2024 17:58	16	0
195839	1/17/2024 17:42	1/18/2024 9:00	917.75	0
956125	1/17/2024 17:42	1/17/2024 18:08	26	0
1347024	1/17/2024 17:42	1/17/2024 17:56	14	0
800590	1/17/2024 17:43	1/18/2024 9:00	916.87	0
1352967	1/17/2024 17:44	1/18/2024 9:00	915.02	0
1556565	1/17/2024 17:44	1/18/2024 9:00	915.18	0
1469956	1/17/2024 17:46	1/18/2024 3:39	593	0

1347943	1/17/2024 17:46	1/17/2024 17:56	10	0
1188303	1/17/2024 17:48	1/17/2024 18:14	26	0
508593	1/17/2024 17:48	1/18/2024 9:00	911.9	0
1591422	1/17/2024 17:48	1/18/2024 9:00	911.18	0
1463218	1/17/2024 17:49	1/18/2024 9:00	910.18	0
309265	1/17/2024 17:50	1/18/2024 9:00	909.75	0
1349177	1/17/2024 17:50	1/17/2024 18:00	10	0
808384	1/17/2024 17:50	1/18/2024 9:00	909.87	0
449377	1/17/2024 17:50	1/17/2024 18:54	64	0
501176	1/17/2024 17:51	1/18/2024 9:00	908.9	0
160073	1/17/2024 17:51	1/18/2024 9:00	908.43	0
47769	1/17/2024 17:52	1/18/2024 9:00	907.75	0
1654064	1/17/2024 17:52	1/18/2024 3:04	552	0
1350597	1/17/2024 17:52	1/17/2024 17:56	4	0
10628562	1/17/2024 17:53	1/18/2024 9:00	906.18	0
350406	1/17/2024 17:54	1/18/2024 9:00	905.75	0
315346	1/17/2024 17:54	1/18/2024 9:00	905.75	0
315604	1/17/2024 17:54	1/18/2024 9:00	905.75	0
317126	1/17/2024 17:54	1/18/2024 9:00	905.75	0
1565203	1/17/2024 17:55	1/18/2024 9:00	904.18	0
314564	1/17/2024 17:56	1/18/2024 9:00	903.75	0
1347024	1/17/2024 17:56	1/18/2024 9:00	903.02	0
1347943	1/17/2024 17:56	1/18/2024 9:00	903.02	0
1350597	1/17/2024 17:56	1/18/2024 9:00	903.02	0
350346	1/17/2024 17:57	1/18/2024 9:00	902.75	0
1704232	1/17/2024 17:58	1/18/2024 9:00	901.02	0
1513363	1/17/2024 17:58	1/18/2024 9:00	901.18	0
1320008	1/17/2024 17:58	1/18/2024 9:00	901.02	0
65245	1/17/2024 17:58	1/18/2024 9:00	901.75	0
1349502	1/17/2024 17:58	1/18/2024 9:00	901.02	0
1683861	1/17/2024 17:58	1/18/2024 9:00	901.75	0
315380	1/17/2024 17:59	1/18/2024 9:00	900.75	0
587455	1/17/2024 17:59	1/18/2024 8:29	870	0
1347949	1/17/2024 18:00	1/18/2024 9:00	899.02	0
1349177	1/17/2024 18:00	1/18/2024 9:00	899.02	0
496498	1/17/2024 18:00	1/18/2024 9:00	899.9	0
1346665	1/17/2024 18:00	1/18/2024 9:00	899.02	0
1348551	1/17/2024 18:02	1/18/2024 9:00	897.02	0
954332	1/17/2024 18:02	1/18/2024 9:00	897.43	0
1363588	1/17/2024 18:02	1/18/2024 9:00	897.02	0
658658	1/17/2024 18:02	1/18/2024 9:00	897.87	0
1430294	1/17/2024 18:03	1/18/2024 9:00	896.18	0
1347888	1/17/2024 18:04	1/17/2024 18:14	10	0
1495134	1/17/2024 18:06	1/17/2024 18:48	42	0
675499	1/17/2024 18:06	1/18/2024 9:00	893.87	0
1346410	1/17/2024 18:06	1/18/2024 9:00	893.02	0
634044	1/17/2024 18:06	1/18/2024 9:00	893.9	0

99953	1/17/2024 18:07	1/18/2024 9:00	892.75	0
995564	1/17/2024 18:08	1/18/2024 9:00	891.43	0
956125	1/17/2024 18:08	1/18/2024 9:00	891.43	0
96506	1/17/2024 18:08	1/18/2024 9:00	891.75	0
317195	1/17/2024 18:09	1/18/2024 9:00	890.75	0
860281	1/17/2024 18:10	1/18/2024 9:00	889.87	0
1394415	1/17/2024 18:10	1/17/2024 18:52	42	0
1702936	1/17/2024 18:10	1/17/2024 18:16	6	0
1556246	1/17/2024 18:10	1/18/2024 9:00	889.18	0
800600	1/17/2024 18:11	1/18/2024 9:00	888.87	0
1275035	1/17/2024 18:12	1/18/2024 9:00	887.02	0
1376158	1/17/2024 18:12	1/18/2024 8:34	862	0
1348444	1/17/2024 18:12	1/18/2024 9:00	887.02	0
643434	1/17/2024 18:12	1/18/2024 9:00	887.9	0
563721	1/17/2024 18:14	1/18/2024 9:00	885.9	0
1188303	1/17/2024 18:14	1/18/2024 3:46	572	0
1347888	1/17/2024 18:14	1/18/2024 9:00	885.02	0
1394365	1/17/2024 18:14	1/18/2024 8:18	844	0
535717	1/17/2024 18:14	1/18/2024 9:00	885.75	0
304845	1/17/2024 18:15	1/18/2024 9:00	884.75	0
8910809	1/17/2024 18:15	1/18/2024 9:00	884.9	0
1434359	1/17/2024 18:15	1/18/2024 8:10	835	0
1394324	1/17/2024 18:16	1/18/2024 8:22	846	0
1702936	1/17/2024 18:16	1/18/2024 9:00	883.02	0
1190246	1/17/2024 18:16	1/18/2024 9:00	883.02	0
810130	1/17/2024 18:17	1/18/2024 9:00	882.87	0
1535575	1/17/2024 18:17	1/17/2024 18:28	11	0
349467	1/17/2024 18:18	1/18/2024 9:00	881.75	0
304785	1/17/2024 18:18	1/18/2024 9:00	881.75	0
1462990	1/17/2024 18:19	1/18/2024 9:00	880.18	0
498070	1/17/2024 18:19	1/18/2024 9:00	880.9	0
196408	1/17/2024 18:19	1/18/2024 9:00	880.75	0
10371797	1/17/2024 18:19	1/18/2024 9:00	880.75	0
197883	1/17/2024 18:20	1/18/2024 9:00	879.75	0
589615	1/17/2024 18:20	1/18/2024 5:04	644	0
1350975	1/17/2024 18:20	1/18/2024 9:00	879.02	0
7879030	1/17/2024 18:21	1/18/2024 9:00	878.9	0
1469270	1/17/2024 18:21	1/17/2024 18:27	6	0
1557676	1/17/2024 18:21	1/18/2024 9:00	878.18	0
342796	1/17/2024 18:21	1/18/2024 9:00	878.75	0
1350499	1/17/2024 18:22	1/18/2024 9:00	877.02	0
328113	1/17/2024 18:22	1/18/2024 9:00	877.75	0
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1513398	1/17/2024 18:22	1/18/2024 9:00	877.18	0
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7902724	1/17/2024 18:23	1/17/2024 19:10	47	0
982261	1/17/2024 18:23	1/18/2024 9:00	876.43	0

593397	1/17/2024 18:24	1/18/2024 9:00	875.9	0
1349605	1/17/2024 18:24	1/18/2024 9:00	875.02	0
1453263	1/17/2024 18:24	1/18/2024 9:00	875.18	0
561757	1/17/2024 18:25	1/18/2024 9:00	874.9	0
980398	1/17/2024 18:26	1/18/2024 9:00	873.43	0
1349244	1/17/2024 18:26	1/18/2024 9:00	873.02	0
1535035	1/17/2024 18:27	1/18/2024 8:08	821	0
854579	1/17/2024 18:27	1/18/2024 9:00	872.87	0
456099	1/17/2024 18:27	1/18/2024 9:00	872.9	0
1556243	1/17/2024 18:27	1/18/2024 9:00	872.18	0
1469270	1/17/2024 18:27	1/18/2024 5:04	637	0
593366	1/17/2024 18:27	1/18/2024 9:00	872.9	0
316630	1/17/2024 18:27	1/18/2024 7:54	807	0
313011	1/17/2024 18:28	1/18/2024 9:00	871.75	0
1378582	1/17/2024 18:28	1/18/2024 9:00	871.02	0
1535575	1/17/2024 18:28	1/18/2024 5:03	635	0
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1523524	1/17/2024 18:29	1/18/2024 9:00	870.18	0
197561	1/17/2024 18:29	1/18/2024 9:00	870.75	0
6995795	1/17/2024 18:29	1/18/2024 9:00	870.9	0
456048	1/17/2024 18:29	1/18/2024 9:00	870.9	0
926657	1/17/2024 18:29	1/18/2024 9:00	870.87	0
1346671	1/17/2024 18:30	1/18/2024 9:00	869.02	0
8524544	1/17/2024 18:30	1/18/2024 9:00	869.75	0
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801004	1/17/2024 18:30	1/18/2024 9:00	869.87	0
1348300	1/17/2024 18:30	1/18/2024 9:00	869.02	0
956645	1/17/2024 18:31	1/18/2024 9:00	868.43	0
51957	1/17/2024 18:31	1/18/2024 9:00	868.75	0
325050	1/17/2024 18:31	1/18/2024 9:00	868.75	0
346185	1/17/2024 18:32	1/18/2024 9:00	867.75	0
506261	1/17/2024 18:32	1/18/2024 9:00	867.9	0
535845	1/17/2024 18:32	1/18/2024 9:00	867.75	0
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887599	1/17/2024 18:33	1/18/2024 9:00	866.87	0
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852125	1/17/2024 18:34	1/18/2024 9:00	865.87	0
1468500	1/17/2024 18:34	1/18/2024 9:00	865.18	0
1361528	1/17/2024 18:34	1/18/2024 9:00	865.02	0
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314163	1/17/2024 18:36	1/18/2024 9:00	863.75	0
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1326407	1/17/2024 18:36	1/18/2024 9:00	863.02	0
500145	1/17/2024 18:36	1/18/2024 9:00	863.9	0
1446785	1/17/2024 18:37	1/18/2024 9:00	862.18	0

563415	1/17/2024 18:37	1/18/2024 9:00	862.9	0
561758	1/17/2024 18:37	1/18/2024 9:00	862.9	0
274059	1/17/2024 18:38	1/18/2024 9:00	861.75	0
1361623	1/17/2024 18:38	1/18/2024 8:40	842	0
317797	1/17/2024 18:39	1/18/2024 9:00	860.75	0
308802	1/17/2024 18:39	1/18/2024 9:00	860.75	0
502630	1/17/2024 18:39	1/18/2024 9:00	860.9	0
511266	1/17/2024 18:39	1/18/2024 9:00	860.9	0
611116	1/17/2024 18:39	1/18/2024 9:00	860.9	0
1351539	1/17/2024 18:40	1/18/2024 9:00	859.02	0
1704044	1/17/2024 18:40	1/18/2024 8:38	838	0
11120838	1/17/2024 18:40	1/18/2024 9:00	859.75	0
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1446401	1/17/2024 18:40	1/18/2024 9:00	859.18	0
1385122	1/17/2024 18:40	1/18/2024 9:00	859.02	0
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318402	1/17/2024 18:41	1/18/2024 9:00	858.75	0
1466638	1/17/2024 18:41	1/18/2024 8:20	819	0
7518767	1/17/2024 18:42	1/18/2024 9:00	857.75	0
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21306	1/17/2024 18:43	1/18/2024 9:00	856.75	0
417158	1/17/2024 18:43	1/18/2024 9:00	856.9	0
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1609415	1/17/2024 18:44	1/18/2024 9:00	855.18	0
197356	1/17/2024 18:44	1/18/2024 9:00	855.75	0
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644030	1/17/2024 18:45	1/18/2024 9:00	854.9	0
313269	1/17/2024 18:46	1/18/2024 9:00	853.75	0
1320619	1/17/2024 18:46	1/18/2024 9:00	853.02	0
11467920	1/17/2024 18:47	1/18/2024 9:00	852.18	0
808829	1/17/2024 18:47	1/18/2024 8:12	805	0
345957	1/17/2024 18:48	1/18/2024 9:00	851.75	0
10659831	1/17/2024 18:48	1/18/2024 9:00	851.18	0
307661	1/17/2024 18:48	1/18/2024 9:00	851.75	0
54324	1/17/2024 18:48	1/18/2024 9:00	851.75	0
1417138	1/17/2024 18:48	1/18/2024 9:00	851.02	0
1495134	1/17/2024 18:48	1/18/2024 8:20	812	0
456084	1/17/2024 18:48	1/18/2024 9:00	851.9	0
1444966	1/17/2024 18:49	1/18/2024 9:00	850.18	0
975066	1/17/2024 18:49	1/18/2024 7:57	788	0
315616	1/17/2024 18:49	1/18/2024 9:00	850.75	0
315752	1/17/2024 18:49	1/18/2024 9:00	850.75	0
454901	1/17/2024 18:49	1/18/2024 9:00	850.9	0
317084	1/17/2024 18:49	1/18/2024 9:00	850.75	0
21820	1/17/2024 18:50	1/18/2024 9:00	849.75	0
1348780	1/17/2024 18:50	1/18/2024 9:00	849.02	0
309944	1/17/2024 18:50	1/18/2024 9:00	849.75	0

125572	1/17/2024 18:50	1/18/2024 9:00	849.75	0
1375227	1/17/2024 18:50	1/18/2024 9:00	849.02	0
1385431	1/17/2024 18:50	1/18/2024 9:00	849.02	0
277818	1/17/2024 18:51	1/18/2024 9:00	848.75	0
773113	1/17/2024 18:51	1/18/2024 9:00	848.9	0
1557303	1/17/2024 18:51	1/18/2024 9:00	848.18	0
9524954	1/17/2024 18:51	1/18/2024 9:00	848.18	0
8068454	1/17/2024 18:52	1/18/2024 9:00	847.9	0
852071	1/17/2024 18:52	1/18/2024 9:00	847.87	0
509233	1/17/2024 18:52	1/18/2024 9:00	847.9	0
1394415	1/17/2024 18:52	1/18/2024 8:22	810	0
1576533	1/17/2024 18:52	1/18/2024 9:00	847.18	0
1333801	1/17/2024 18:54	1/18/2024 9:00	845.02	0
449377	1/17/2024 18:54	1/17/2024 19:15	21	0
960195	1/17/2024 18:54	1/18/2024 9:00	845.43	0
1390184	1/17/2024 18:54	1/18/2024 8:04	790	0
1353016	1/17/2024 18:54	1/18/2024 9:00	845.02	0
1348976	1/17/2024 18:54	1/18/2024 9:00	845.02	0
1465282	1/17/2024 18:54	1/18/2024 8:11	797	0
1641091	1/17/2024 18:55	1/18/2024 9:00	844.18	0
1567316	1/17/2024 18:55	1/18/2024 9:00	844.18	0
1464949	1/17/2024 18:56	1/18/2024 9:00	843.18	0
1443586	1/17/2024 18:56	1/18/2024 9:00	843.18	0
2032900	1/17/2024 18:56	1/18/2024 9:00	843.02	0
1377393	1/17/2024 18:56	1/18/2024 9:00	843.02	0
8957908	1/17/2024 18:56	1/18/2024 9:00	843.02	0
1077082	1/17/2024 18:56	1/18/2024 9:00	843.9	0
8605921	1/17/2024 18:57	1/18/2024 9:00	842.75	0
1556434	1/17/2024 18:57	1/18/2024 9:00	842.18	0
1467272	1/17/2024 18:57	1/18/2024 8:09	792	0
1074779	1/17/2024 18:57	1/18/2024 9:00	842.9	0
1546138	1/17/2024 18:58	1/18/2024 9:00	841.18	0
1610090	1/17/2024 18:58	1/18/2024 9:00	841.18	0
1320646	1/17/2024 18:58	1/18/2024 9:00	841.02	0
279833	1/17/2024 18:59	1/18/2024 9:00	840.75	0
315306	1/17/2024 18:59	1/18/2024 9:00	840.75	0
1321605	1/17/2024 19:00	1/18/2024 9:00	839.02	0
1350598	1/17/2024 19:00	1/18/2024 9:00	839.02	0
1509486	1/17/2024 19:00	1/18/2024 9:00	839.18	0
1332906	1/17/2024 19:00	1/18/2024 9:00	839.02	0
1281892	1/17/2024 19:00	1/18/2024 8:36	816	0
1469850	1/17/2024 19:01	1/18/2024 7:57	776	0
1439908	1/17/2024 19:01	1/18/2024 8:13	792	0
8511623	1/17/2024 19:01	1/18/2024 8:55	834	0
317233	1/17/2024 19:02	1/18/2024 9:00	837.75	0
580808	1/17/2024 19:02	1/18/2024 9:00	837.9	0
1433348	1/17/2024 19:02	1/18/2024 9:00	837.18	0

1434316	1/17/2024 19:02	1/18/2024 8:10	788	0
979888	1/17/2024 19:02	1/18/2024 9:00	837.43	0
8387677	1/17/2024 19:02	1/18/2024 9:00	837.75	0
1349338	1/17/2024 19:02	1/18/2024 9:00	837.02	0
316997	1/17/2024 19:02	1/18/2024 9:00	837.75	0
9063373	1/17/2024 19:02	1/18/2024 8:22	800	0
1438878	1/17/2024 19:03	1/18/2024 8:13	790	0
496500	1/17/2024 19:03	1/18/2024 9:00	836.9	0
1445317	1/17/2024 19:03	1/18/2024 8:26	803	0
345647	1/17/2024 19:03	1/18/2024 9:00	836.75	0
1466445	1/17/2024 19:03	1/18/2024 8:09	786	0
1702895	1/17/2024 19:04	1/18/2024 9:00	835.02	0
1356945	1/17/2024 19:04	1/18/2024 9:00	835.02	0
634779	1/17/2024 19:04	1/18/2024 9:00	835.9	0
1347937	1/17/2024 19:04	1/18/2024 9:00	835.02	0
1431804	1/17/2024 19:04	1/18/2024 9:00	835.18	0
1466357	1/17/2024 19:04	1/18/2024 9:00	835.18	0
8590289	1/17/2024 19:04	1/18/2024 9:00	835.9	0
1664433	1/17/2024 19:04	1/18/2024 9:00	835.87	0
8734349	1/17/2024 19:04	1/18/2024 9:00	835.02	0
1465882	1/17/2024 19:05	1/18/2024 9:00	834.18	0
1595351	1/17/2024 19:05	1/18/2024 8:01	776	0
1436742	1/17/2024 19:05	1/18/2024 8:43	818	0
955448	1/17/2024 19:05	1/18/2024 9:00	834.43	0
276488	1/17/2024 19:05	1/18/2024 9:00	834.75	0
197690	1/17/2024 19:05	1/18/2024 9:00	834.75	0
1680798	1/17/2024 19:05	1/18/2024 8:14	789	0
560588	1/17/2024 19:05	1/18/2024 9:00	834.9	0
1378273	1/17/2024 19:06	1/18/2024 9:00	833.02	0
1361770	1/17/2024 19:06	1/18/2024 9:00	833.02	0
454861	1/17/2024 19:06	1/18/2024 9:00	833.9	0
380057	1/17/2024 19:07	1/18/2024 9:00	832.9	0
1671958	1/17/2024 19:07	1/18/2024 9:00	832.9	0
315730	1/17/2024 19:07	1/18/2024 9:00	832.75	0
1362855	1/17/2024 19:08	1/18/2024 8:40	812	0
324045	1/17/2024 19:08	1/18/2024 9:00	831.75	0
1463680	1/17/2024 19:09	1/18/2024 8:10	781	0
1548014	1/17/2024 19:09	1/18/2024 8:21	792	0
1524033	1/17/2024 19:09	1/18/2024 9:00	830.18	0
350517	1/17/2024 19:09	1/18/2024 9:00	830.75	0
567126	1/17/2024 19:10	1/18/2024 9:00	829.9	0
1375642	1/17/2024 19:10	1/18/2024 9:00	829.02	0
1494722	1/17/2024 19:10	1/18/2024 9:00	829.02	0
1350104	1/17/2024 19:10	1/18/2024 8:56	826	0
553755	1/17/2024 19:10	1/18/2024 9:00	829.9	0
1406535	1/17/2024 19:10	1/18/2024 9:00	829.02	0
275495	1/17/2024 19:10	1/18/2024 9:00	829.75	0

562346	1/17/2024 19:10	1/18/2024 9:00	829.9	0
500173	1/17/2024 19:10	1/18/2024 9:00	829.9	0
1309098	1/17/2024 19:10	1/18/2024 9:00	829.02	0
646026	1/17/2024 19:10	1/18/2024 9:00	829.9	0
312846	1/17/2024 19:10	1/18/2024 9:00	829.75	0
1430644	1/17/2024 19:10	1/18/2024 9:00	829.18	0
1415622	1/17/2024 19:10	1/18/2024 9:00	829.02	0
1349766	1/17/2024 19:10	1/18/2024 9:00	829.02	0
7902724	1/17/2024 19:10	1/18/2024 8:36	806	0
8972545	1/17/2024 19:11	1/18/2024 9:00	828.9	0
981933	1/17/2024 19:11	1/18/2024 9:00	828.43	0
9313875	1/17/2024 19:11	1/18/2024 9:00	828.18	0
315169	1/17/2024 19:11	1/18/2024 9:00	828.75	0
418291	1/17/2024 19:11	1/18/2024 9:00	828.9	0
1430553	1/17/2024 19:11	1/18/2024 9:00	828.18	0
1444809	1/17/2024 19:11	1/18/2024 7:58	767	0
314899	1/17/2024 19:11	1/18/2024 9:00	828.75	0
1459057	1/17/2024 19:11	1/18/2024 9:00	828.18	0
1703519	1/17/2024 19:12	1/18/2024 9:00	827.02	0
957216	1/17/2024 19:12	1/18/2024 9:00	827.43	0
1469301	1/17/2024 19:12	1/18/2024 9:00	827.18	0
1378128	1/17/2024 19:12	1/18/2024 9:00	827.02	0
1515964	1/17/2024 19:12	1/18/2024 9:00	827.18	0
455345	1/17/2024 19:12	1/18/2024 9:00	827.9	0
8486022	1/17/2024 19:12	1/18/2024 9:00	827.18	0
501613	1/17/2024 19:12	1/18/2024 9:00	827.9	0
4173986	1/17/2024 19:12	1/18/2024 9:00	827.75	0
574596	1/17/2024 19:13	1/18/2024 9:00	826.9	0
1554218	1/17/2024 19:13	1/18/2024 9:00	826.18	0
314188	1/17/2024 19:13	1/18/2024 9:00	826.75	0
6761269	1/17/2024 19:13	1/18/2024 9:00	826.75	0
8148103	1/17/2024 19:13	1/18/2024 9:00	826.75	0
324249	1/17/2024 19:13	1/18/2024 9:00	826.75	0
280173	1/17/2024 19:13	1/18/2024 9:00	826.75	0
1348130	1/17/2024 19:14	1/18/2024 9:00	825.02	0
1348044	1/17/2024 19:14	1/18/2024 9:00	825.02	0
1417279	1/17/2024 19:14	1/18/2024 9:00	825.02	0
196965	1/17/2024 19:14	1/18/2024 9:00	825.75	0
1556486	1/17/2024 19:14	1/18/2024 9:00	825.18	0
449036	1/17/2024 19:14	1/18/2024 9:00	825.9	0
564518	1/17/2024 19:14	1/18/2024 9:00	825.9	0
1493766	1/17/2024 19:14	1/18/2024 9:00	825.02	0
457729	1/17/2024 19:14	1/18/2024 9:00	825.9	0
8434548	1/17/2024 19:14	1/18/2024 9:00	825.75	0
1393699	1/17/2024 19:14	1/18/2024 9:00	825.02	0
563241	1/17/2024 19:15	1/18/2024 9:00	824.9	0
645339	1/17/2024 19:15	1/18/2024 9:00	824.9	0

96751	1/17/2024 19:15	1/18/2024 9:00	824.75	0
8104722	1/17/2024 19:15	1/18/2024 9:00	824.75	0
48217	1/17/2024 19:15	1/18/2024 9:00	824.75	0
1469866	1/17/2024 19:15	1/18/2024 9:00	824.18	0
449377	1/17/2024 19:15	1/17/2024 19:41	26	0
500322	1/17/2024 19:15	1/18/2024 9:00	824.9	0
346967	1/17/2024 19:16	1/18/2024 9:00	823.75	0
751178	1/17/2024 19:16	1/18/2024 9:00	823.9	0
507365	1/17/2024 19:16	1/18/2024 9:00	823.9	0
1310926	1/17/2024 19:16	1/18/2024 9:00	823.02	0
306565	1/17/2024 19:16	1/18/2024 9:00	823.75	0
277301	1/17/2024 19:17	1/18/2024 9:00	822.75	0
70277	1/17/2024 19:17	1/18/2024 9:00	822.75	0
643812	1/17/2024 19:17	1/18/2024 9:00	822.9	0
645144	1/17/2024 19:17	1/18/2024 9:00	822.9	0
119833	1/17/2024 19:17	1/18/2024 9:00	822.75	0
346288	1/17/2024 19:17	1/18/2024 9:00	822.75	0
1465391	1/17/2024 19:18	1/18/2024 8:12	774	0
1351588	1/17/2024 19:18	1/18/2024 8:42	804	0
304295	1/17/2024 19:18	1/18/2024 9:00	821.75	0
10510361	1/17/2024 19:18	1/18/2024 9:00	821.75	0
1573666	1/17/2024 19:18	1/18/2024 9:00	821.18	0
1609222	1/17/2024 19:18	1/18/2024 8:45	807	0
8495802	1/17/2024 19:18	1/18/2024 9:00	821.18	0
1421188	1/17/2024 19:18	1/18/2024 9:00	821.02	0
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274522	1/17/2024 19:18	1/18/2024 9:00	821.75	0
7178975	1/17/2024 19:18	1/18/2024 9:00	821.75	0
323747	1/17/2024 19:19	1/18/2024 9:00	820.75	0
1432940	1/17/2024 19:19	1/18/2024 9:00	820.18	0
547577	1/17/2024 19:19	1/18/2024 9:00	820.75	0
346347	1/17/2024 19:19	1/18/2024 9:00	820.75	0
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859747	1/17/2024 19:20	1/18/2024 9:00	819.87	0
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267537	1/17/2024 19:21	1/18/2024 9:00	818.75	0
308032	1/17/2024 19:21	1/18/2024 9:00	818.75	0
381338	1/17/2024 19:21	1/18/2024 9:00	818.9	0
56060	1/17/2024 19:21	1/18/2024 9:00	818.75	0

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49209	1/17/2024 19:22	1/18/2024 9:00	817.75	0
1346455	1/17/2024 19:22	1/18/2024 9:00	817.02	0
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344958	1/17/2024 19:22	1/18/2024 9:00	817.75	0
8621797	1/17/2024 19:22	1/18/2024 9:00	817.75	0
455994	1/17/2024 19:22	1/18/2024 9:00	817.9	0
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445867	1/17/2024 19:23	1/18/2024 9:00	816.9	0
1076617	1/17/2024 19:23	1/18/2024 9:00	816.9	0
1435531	1/17/2024 19:24	1/18/2024 9:00	815.18	0
446329	1/17/2024 19:24	1/18/2024 9:00	815.9	0
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8495805	1/17/2024 19:25	1/18/2024 9:00	814.9	0
101426	1/17/2024 19:27	1/18/2024 9:00	812.75	0
303030	1/17/2024 19:27	1/18/2024 9:00	812.75	0
313731	1/17/2024 19:28	1/18/2024 9:00	811.75	0
800588	1/17/2024 19:36	1/18/2024 9:00	803.87	0
449377	1/17/2024 19:41	1/17/2024 19:57	16	0
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956968	1/17/2024 20:48	1/18/2024 8:14	686	0
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188639	1/17/2024 21:35	1/18/2024 9:00	684.75	0
601397	1/17/2024 21:37	1/18/2024 9:00	682.9	0
449377	1/17/2024 23:05	1/17/2024 23:11	6	0
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449377	1/17/2024 23:27	1/18/2024 0:19	52	0
449377	1/18/2024 0:19	1/18/2024 0:56	37	0
449377	1/18/2024 0:56	1/18/2024 2:51	115	0
326028	1/18/2024 1:14	1/18/2024 9:00	465.75	0
1535026	1/18/2024 1:28	1/18/2024 8:03	395	0
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1609484	1/18/2024 2:38	1/18/2024 9:00	381.18	0
274125	1/18/2024 2:49	1/18/2024 9:00	370.75	0
449377	1/18/2024 2:51	1/18/2024 3:44	53	0
1019446	1/18/2024 3:00	1/18/2024 9:00	359.43	0
1654064	1/18/2024 3:04	1/18/2024 9:00	355.43	0
1334393	1/18/2024 3:08	1/18/2024 9:00	351.02	0
8724095	1/18/2024 3:16	1/18/2024 8:24	308	0
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449377	1/18/2024 3:44	1/18/2024 3:55	11	0
1188303	1/18/2024 3:46	1/18/2024 8:08	262	0
449377	1/18/2024 3:55	1/18/2024 4:37	42	0
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347230	1/18/2024 5:03	1/18/2024 8:13	190	0
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1469270	1/18/2024 5:04	1/18/2024 8:08	184	0
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316630	1/18/2024 7:54	1/18/2024 9:00	65.75	0
1438807	1/18/2024 7:56	1/18/2024 9:00	63.18	0
975066	1/18/2024 7:57	1/18/2024 9:00	62.43	0
1469850	1/18/2024 7:57	1/18/2024 9:00	62.18	0
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1670039	1/18/2024 7:58	1/18/2024 9:00	61.9	0
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991227	1/18/2024 8:02	1/18/2024 8:18	16	0
1535026	1/18/2024 8:03	1/18/2024 9:00	56.18	0
989680	1/18/2024 8:03	1/18/2024 8:19	16	0
1390184	1/18/2024 8:04	1/18/2024 9:00	55.02	0
1535575	1/18/2024 8:05	1/18/2024 9:00	54.18	0
449377	1/18/2024 8:07	1/18/2024 8:23	16	0
1188303	1/18/2024 8:08	1/18/2024 9:00	51.02	0
1469270	1/18/2024 8:08	1/18/2024 9:00	51.18	0
1535035	1/18/2024 8:08	1/18/2024 9:00	51.18	0
1512146	1/18/2024 8:09	1/18/2024 9:00	50.18	0
1546321	1/18/2024 8:09	1/18/2024 9:00	50.18	0
1466445	1/18/2024 8:09	1/18/2024 9:00	50.18	0
1467272	1/18/2024 8:09	1/18/2024 9:00	50.18	0
1437279	1/18/2024 8:10	1/18/2024 9:00	49.18	0
1463680	1/18/2024 8:10	1/18/2024 9:00	49.18	0
1463520	1/18/2024 8:10	1/18/2024 9:00	49.18	0
1434359	1/18/2024 8:10	1/18/2024 9:00	49.18	0
1434316	1/18/2024 8:10	1/18/2024 9:00	49.18	0
1465282	1/18/2024 8:11	1/18/2024 9:00	48.18	0
1465391	1/18/2024 8:12	1/18/2024 9:00	47.18	0
808829	1/18/2024 8:12	1/18/2024 9:00	47.87	0
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1437276	1/18/2024 8:13	1/18/2024 9:00	46.18	0
1438878	1/18/2024 8:13	1/18/2024 9:00	46.18	0
347230	1/18/2024 8:13	1/18/2024 9:00	46.75	0
1439908	1/18/2024 8:13	1/18/2024 9:00	46.18	0
1680798	1/18/2024 8:14	1/18/2024 9:00	45.75	0

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1394365	1/18/2024 8:18	1/18/2024 9:00	41.02	0
991227	1/18/2024 8:18	1/18/2024 9:00	41.43	0
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1394415	1/18/2024 8:22	1/18/2024 9:00	37.02	0
1539621	1/18/2024 8:22	1/18/2024 9:00	37.18	0
9063373	1/18/2024 8:22	1/18/2024 9:00	37.02	0
1394324	1/18/2024 8:22	1/18/2024 9:00	37.02	0
449377	1/18/2024 8:23	1/18/2024 8:59	36	0
1547917	1/18/2024 8:23	1/18/2024 9:00	36.18	0
8724095	1/18/2024 8:24	1/18/2024 9:00	35.02	0
1445317	1/18/2024 8:26	1/18/2024 9:00	33.18	0
587455	1/18/2024 8:29	1/18/2024 9:00	30.9	0
1584687	1/18/2024 8:31	1/18/2024 9:00	28.18	0
1582130	1/18/2024 8:31	1/18/2024 9:00	28.18	0
1376158	1/18/2024 8:34	1/18/2024 9:00	25.02	0
7902724	1/18/2024 8:36	1/18/2024 8:46	10	0
1281892	1/18/2024 8:36	1/18/2024 9:00	23.02	0
1704044	1/18/2024 8:38	1/18/2024 9:00	21.02	0
1361623	1/18/2024 8:40	1/18/2024 9:00	19.02	0
1362855	1/18/2024 8:40	1/18/2024 9:00	19.02	0
1351588	1/18/2024 8:42	1/18/2024 9:00	17.02	0
1436742	1/18/2024 8:43	1/18/2024 9:00	16.18	0
1609222	1/18/2024 8:45	1/18/2024 9:00	14.18	0
7902724	1/18/2024 8:46	1/18/2024 9:00	13.75	0
8511623	1/18/2024 8:55	1/18/2024 9:00	4.75	0
1350104	1/18/2024 8:56	1/18/2024 9:00	3.02	0
449377	1/18/2024 8:59	1/18/2024 9:00	0.9	0
319279	1/18/2024 9:00	1/18/2024 12:23	203	0
9063373	1/18/2024 9:00	1/19/2024 9:00	1439.02	0
1333801	1/18/2024 9:00	1/18/2024 11:46	166	0
574993	1/18/2024 9:00	1/18/2024 10:08	68	0
1513541	1/18/2024 9:00	1/19/2024 9:00	1439.18	0
1288420	1/18/2024 9:00	1/18/2024 14:26	326	0
6761269	1/18/2024 9:00	1/18/2024 10:04	64	0
8766703	1/18/2024 9:00	1/19/2024 9:00	1439.43	0
554089	1/18/2024 9:00	1/19/2024 9:00	1439.9	0
54324	1/18/2024 9:00	1/18/2024 18:04	544	0
1394324	1/18/2024 9:00	1/19/2024 9:00	1439.02	0
1390184	1/18/2024 9:00	1/19/2024 9:00	1439.02	0
447406	1/18/2024 9:00	1/19/2024 9:00	1439.9	0
562202	1/18/2024 9:00	1/19/2024 9:00	1439.9	0
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326028	1/18/2024 9:00	1/19/2024 9:00	1439.75	0

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195216	1/18/2024 9:00	1/19/2024 9:00	1439.75	0
56060	1/18/2024 9:00	1/18/2024 19:11	611	0
353728	1/18/2024 9:00	1/18/2024 10:31	91	0
1704044	1/18/2024 9:00	1/19/2024 9:00	1439.02	0
1516786	1/18/2024 9:00	1/19/2024 9:00	1439.18	0
1453263	1/18/2024 9:00	1/18/2024 14:40	340	0
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1535026	1/18/2024 9:01	1/18/2024 19:13	612	0
328113	1/18/2024 9:01	1/18/2024 10:30	89	0
342796	1/18/2024 9:01	1/18/2024 14:32	331	0
314945	1/18/2024 9:01	1/18/2024 10:09	68	0
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971524	1/18/2024 9:02	1/19/2024 9:00	1437.9	0
324249	1/18/2024 9:02	1/18/2024 13:56	294	0
1552990	1/18/2024 9:06	1/19/2024 9:00	1433.18	0
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8724095	1/18/2024 9:06	1/18/2024 11:28	142	0
1362855	1/18/2024 9:06	1/19/2024 9:00	1433.02	0
1188303	1/18/2024 9:06	1/18/2024 11:28	142	0
1361623	1/18/2024 9:06	1/19/2024 9:00	1433.02	0
314163	1/18/2024 9:07	1/18/2024 14:27	320	0
7902724	1/18/2024 9:07	1/18/2024 10:05	58	0
516660	1/18/2024 9:07	1/18/2024 14:10	303	0
516892	1/18/2024 9:07	1/18/2024 11:44	157	0
517211	1/18/2024 9:07	1/18/2024 14:13	306	0
8668965	1/18/2024 9:07	1/19/2024 9:00	1432.9	0
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315380	1/18/2024 9:08	1/18/2024 14:28	320	0
774799	1/18/2024 9:08	1/18/2024 11:44	156	0
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1351588	1/18/2024 9:10	1/19/2024 9:00	1429.02	0
1437276	1/18/2024 9:11	1/18/2024 18:04	533	0
515394	1/18/2024 9:11	1/18/2024 14:12	301	0
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1439908	1/18/2024 9:11	1/18/2024 18:55	584	0
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317195	1/18/2024 9:11	1/18/2024 10:09	58	0
1469850	1/18/2024 9:11	1/18/2024 18:55	584	0
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1350104	1/18/2024 9:12	1/19/2024 9:00	1427.02	0
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1321605	1/18/2024 9:22	1/18/2024 12:26	184	0
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1523524	1/18/2024 9:22	1/18/2024 18:20	538	0
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1641091	1/18/2024 9:26	1/18/2024 18:56	570	0
663228	1/18/2024 9:26	1/18/2024 17:59	513	0
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1393699	1/18/2024 9:26	1/19/2024 9:00	1413.02	0
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810130	1/18/2024 9:28	1/18/2024 14:22	294	0
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1430553	1/18/2024 9:31	1/18/2024 19:07	576	0
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1609484	1/18/2024 9:32	1/18/2024 19:12	580	0
991227	1/18/2024 9:32	1/18/2024 14:21	289	0
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350517	1/18/2024 9:32	1/18/2024 18:57	565	0
350406	1/18/2024 9:33	1/18/2024 14:48	315	0
989680	1/18/2024 9:33	1/18/2024 14:21	288	0
8605921	1/18/2024 9:33	1/18/2024 18:47	554	0

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314188	1/18/2024 9:49	1/18/2024 10:05	16	0
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801004	1/18/2024 10:40	1/18/2024 11:59	79	0
574993	1/18/2024 10:40	1/18/2024 10:45	5	0
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658177	1/18/2024 10:57	1/18/2024 18:53	476	0
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956125	1/18/2024 10:59	1/18/2024 11:51	52	0
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561757	1/18/2024 11:07	1/18/2024 17:47	400	0
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562346	1/18/2024 11:12	1/19/2024 9:00	1307.9	0
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597560	1/18/2024 11:23	1/18/2024 19:09	466	0
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197356	1/18/2024 11:29	1/18/2024 14:12	163	0

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1333801	1/18/2024 11:46	1/18/2024 14:40	174	0
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1275035	1/18/2024 11:52	1/18/2024 14:46	174	0
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956645	1/18/2024 11:52	1/18/2024 12:18	26	0
1324815	1/18/2024 11:52	1/18/2024 12:02	10	0
956968	1/18/2024 11:53	1/18/2024 12:14	21	0
800590	1/18/2024 11:54	1/18/2024 12:41	47	0

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800600	1/18/2024 11:55	1/18/2024 12:42	47	0
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1190246	1/18/2024 11:56	1/18/2024 12:12	16	0
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801004	1/18/2024 11:59	1/18/2024 12:41	42	0
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1019446	1/18/2024 12:00	1/19/2024 9:00	1259.43	0
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1324815	1/18/2024 12:02	1/18/2024 12:18	16	0
1326407	1/18/2024 12:04	1/18/2024 12:14	10	0
926657	1/18/2024 12:05	1/18/2024 14:59	174	0
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1443586	1/18/2024 12:08	1/19/2024 9:00	1251.18	0
574993	1/18/2024 12:09	1/18/2024 12:14	5	0
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574596	1/18/2024 12:09	1/18/2024 14:23	134	0
324045	1/18/2024 12:10	1/18/2024 14:27	137	0
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8068454	1/18/2024 12:10	1/18/2024 14:10	120	0
325050	1/18/2024 12:11	1/18/2024 14:11	120	0
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574993	1/18/2024 12:14	1/18/2024 12:24	10	0
956968	1/18/2024 12:14	1/18/2024 14:30	136	0
1326407	1/18/2024 12:14	1/19/2024 9:00	1245.02	0
957216	1/18/2024 12:15	1/18/2024 14:31	136	0
955448	1/18/2024 12:15	1/18/2024 14:31	136	0
887599	1/18/2024 12:16	1/19/2024 9:00	1243.87	0
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956125	1/18/2024 12:18	1/18/2024 14:29	131	0
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1681747	1/18/2024 12:26	1/19/2024 9:00	1233.75	0
2032900	1/18/2024 12:26	1/18/2024 15:42	196	0
1321605	1/18/2024 12:26	1/18/2024 13:56	90	0
552210	1/18/2024 12:28	1/18/2024 14:24	116	0
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1553245	1/18/2024 12:36	1/19/2024 9:00	1223.18	0
800588	1/18/2024 12:40	1/18/2024 13:54	74	0
800590	1/18/2024 12:41	1/18/2024 13:55	74	0
801004	1/18/2024 12:41	1/18/2024 13:55	74	0
800600	1/18/2024 12:42	1/18/2024 13:56	74	0
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378229	1/18/2024 12:59	1/18/2024 14:44	105	0
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21306	1/18/2024 13:29	1/18/2024 14:43	74	0
574993	1/18/2024 13:33	1/18/2024 13:38	5	0
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323657	1/18/2024 13:39	1/18/2024 13:55	16	0
1321750	1/18/2024 13:40	1/18/2024 13:56	16	0
323747	1/18/2024 13:42	1/18/2024 13:53	11	0
574993	1/18/2024 13:43	1/18/2024 13:54	11	0
21820	1/18/2024 13:45	1/18/2024 14:43	58	0
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323747	1/18/2024 13:53	1/18/2024 19:12	319	0
800588	1/18/2024 13:54	1/18/2024 14:10	16	0
574993	1/18/2024 13:54	1/18/2024 13:59	5	0
801004	1/18/2024 13:55	1/18/2024 14:10	15	0
800590	1/18/2024 13:55	1/18/2024 14:11	16	0
323657	1/18/2024 13:55	1/18/2024 19:14	319	0
1321750	1/18/2024 13:56	1/18/2024 14:26	30	0
1320845	1/18/2024 13:56	1/19/2024 9:00	1143.02	0
800600	1/18/2024 13:56	1/18/2024 14:12	16	0
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324249	1/18/2024 13:56	1/18/2024 19:10	314	0

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1683861	1/18/2024 14:08	1/18/2024 14:24	16	0
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801004	1/18/2024 14:10	1/18/2024 14:26	16	0
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800590	1/18/2024 14:11	1/18/2024 14:27	16	0
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197883	1/18/2024 14:11	1/18/2024 14:26	15	0
605186	1/18/2024 14:11	1/18/2024 14:42	31	0
571799	1/18/2024 14:11	1/18/2024 14:27	16	0
325050	1/18/2024 14:11	1/18/2024 14:27	16	0
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1190246	1/18/2024 14:12	1/18/2024 14:28	16	0
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517058	1/18/2024 14:12	1/18/2024 17:39	207	0
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800600	1/18/2024 14:12	1/18/2024 14:27	15	0
1321605	1/18/2024 14:12	1/18/2024 14:28	16	0
197356	1/18/2024 14:12	1/18/2024 14:38	26	0
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808829	1/18/2024 14:15	1/18/2024 14:31	16	0
561672	1/18/2024 14:16	1/18/2024 18:56	280	0
808384	1/18/2024 14:16	1/18/2024 14:31	15	0
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593397	1/18/2024 14:17	1/18/2024 17:15	178	0
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988954	1/18/2024 14:19	1/18/2024 18:54	275	0
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65245	1/18/2024 14:20	1/18/2024 14:50	30	0
1573666	1/18/2024 14:20	1/18/2024 14:30	10	0
465344	1/18/2024 14:20	1/19/2024 9:00	1119.9	0
991227	1/18/2024 14:21	1/18/2024 18:50	269	0
989680	1/18/2024 14:21	1/18/2024 18:57	276	0
751178	1/18/2024 14:21	1/18/2024 19:03	282	0
456099	1/18/2024 14:21	1/18/2024 14:36	15	0
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810130	1/18/2024 14:22	1/18/2024 14:32	10	0
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574596	1/18/2024 14:23	1/18/2024 14:39	16	0
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196408	1/18/2024 14:24	1/18/2024 14:40	16	0
552210	1/18/2024 14:24	1/18/2024 14:40	16	0
1683861	1/18/2024 14:24	1/18/2024 14:40	16	0
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313954	1/18/2024 14:25	1/18/2024 14:57	32	0
800588	1/18/2024 14:25	1/18/2024 14:41	16	0
455345	1/18/2024 14:25	1/18/2024 14:36	11	0
313731	1/18/2024 14:25	1/18/2024 14:57	32	0
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454901	1/18/2024 14:25	1/18/2024 14:36	11	0
1515733	1/18/2024 14:25	1/18/2024 14:41	16	0
315752	1/18/2024 14:25	1/18/2024 14:57	32	0
449377	1/18/2024 14:25	1/18/2024 14:35	10	0
801004	1/18/2024 14:26	1/18/2024 14:42	16	0
197883	1/18/2024 14:26	1/18/2024 14:37	11	0
1321750	1/18/2024 14:26	1/19/2024 9:00	1113.02	0
574993	1/18/2024 14:26	1/18/2024 14:30	4	0
8068454	1/18/2024 14:26	1/18/2024 14:37	11	0
1332906	1/18/2024 14:26	1/18/2024 14:42	16	0
10371797	1/18/2024 14:26	1/18/2024 14:57	31	0
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8387677	1/18/2024 14:27	1/18/2024 14:43	16	0
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317797	1/18/2024 14:31	1/18/2024 14:41	10	0
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346288	1/18/2024 14:32	1/18/2024 14:43	11	0
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314899	1/18/2024 14:41	1/18/2024 19:02	261	0
800588	1/18/2024 14:41	1/18/2024 18:52	251	0
317797	1/18/2024 14:41	1/18/2024 18:52	251	0
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574993	1/18/2024 14:41	1/18/2024 14:46	5	0
8724095	1/18/2024 14:42	1/19/2024 9:00	1097.02	0
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1363588	1/18/2024 14:42	1/19/2024 9:00	1097.02	0
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1516579	1/18/2024 14:42	1/18/2024 14:47	5	0
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21820	1/18/2024 14:43	1/18/2024 16:59	136	0
21306	1/18/2024 14:43	1/18/2024 16:33	110	0
8524544	1/18/2024 14:43	1/18/2024 17:06	143	0
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800600	1/18/2024 14:43	1/18/2024 17:33	170	0
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1348731	1/18/2024 14:46	1/18/2024 14:58	12	0
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350406	1/18/2024 14:48	1/18/2024 15:35	47	0
6761269	1/18/2024 14:48	1/18/2024 18:52	244	0
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457729	1/18/2024 14:51	1/18/2024 19:06	255	0
9313875	1/18/2024 14:51	1/18/2024 19:04	253	0
1459057	1/18/2024 14:52	1/18/2024 19:03	251	0
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454861	1/18/2024 14:52	1/18/2024 18:56	244	0
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315752	1/18/2024 14:57	1/18/2024 18:51	234	0
619266	1/18/2024 14:57	1/18/2024 16:10	73	0
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315616	1/18/2024 14:57	1/18/2024 18:04	187	0
574993	1/18/2024 14:57	1/18/2024 15:02	5	0
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312846	1/18/2024 14:58	1/18/2024 19:02	244	0
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313011	1/18/2024 14:59	1/18/2024 17:33	154	0
316630	1/18/2024 14:59	1/18/2024 17:44	165	0
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956645	1/18/2024 15:02	1/18/2024 17:20	138	0
574993	1/18/2024 15:02	1/18/2024 15:13	11	0
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1671958	1/18/2024 15:02	1/18/2024 18:57	235	0
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67738	1/18/2024 15:07	1/19/2024 9:00	1072.75	0
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808384	1/18/2024 15:13	1/18/2024 18:47	214	0

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644030	1/18/2024 15:18	1/18/2024 18:57	219	0
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101426	1/18/2024 15:22	1/18/2024 15:38	16	0
1516579	1/18/2024 15:24	1/18/2024 15:29	5	0
97730	1/18/2024 15:25	1/18/2024 15:41	16	0
96506	1/18/2024 15:25	1/18/2024 15:40	15	0
99953	1/18/2024 15:25	1/18/2024 15:41	16	0
96751	1/18/2024 15:26	1/18/2024 15:42	16	0
1348731	1/18/2024 15:28	1/18/2024 15:34	6	0
955448	1/18/2024 15:29	1/18/2024 18:57	208	0
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449377	1/18/2024 15:33	1/18/2024 16:45	72	0
1566872	1/18/2024 15:33	1/18/2024 19:04	211	0
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350406	1/18/2024 15:35	1/18/2024 17:45	130	0
455994	1/18/2024 15:37	1/18/2024 19:06	209	0
101426	1/18/2024 15:38	1/18/2024 19:12	214	0
574993	1/18/2024 15:39	1/18/2024 15:44	5	0
96506	1/18/2024 15:40	1/18/2024 17:12	92	0
99953	1/18/2024 15:41	1/18/2024 16:12	31	0
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590897	1/18/2024 15:48	1/18/2024 19:00	192	0
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2032900	1/18/2024 15:56	1/18/2024 16:12	16	0
574993	1/18/2024 16:00	1/18/2024 16:10	10	0
318402	1/18/2024 16:02	1/19/2024 9:00	1017.75	0
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1396057	1/18/2024 16:04	1/19/2024 9:00	1015.02	0
1664433	1/18/2024 16:07	1/18/2024 18:55	168	0
1511264	1/18/2024 16:09	1/19/2024 9:00	1010.18	0
319279	1/18/2024 16:09	1/18/2024 19:15	186	0
1417138	1/18/2024 16:10	1/19/2024 9:00	1009.02	0
574993	1/18/2024 16:10	1/18/2024 16:15	5	0
1417279	1/18/2024 16:10	1/19/2024 9:00	1009.02	0

619266	1/18/2024 16:10	1/18/2024 18:51	161	0
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2032900	1/18/2024 16:12	1/19/2024 9:00	1007.02	0
99953	1/18/2024 16:12	1/19/2024 9:00	1007.75	0
1190246	1/18/2024 16:14	1/19/2024 9:00	1005.02	0
317195	1/18/2024 16:15	1/19/2024 9:00	1004.75	0
574993	1/18/2024 16:15	1/18/2024 16:25	10	0
1334393	1/18/2024 16:16	1/19/2024 9:00	1003.02	0
325050	1/18/2024 16:25	1/18/2024 18:20	115	0
574993	1/18/2024 16:25	1/18/2024 16:30	5	0
315346	1/18/2024 16:28	1/19/2024 9:00	991.75	0
535717	1/18/2024 16:28	1/19/2024 9:00	991.75	0
65245	1/18/2024 16:29	1/19/2024 9:00	990.75	0
574993	1/18/2024 16:30	1/19/2024 9:00	989.9	0
197883	1/18/2024 16:31	1/19/2024 9:00	988.75	0
195839	1/18/2024 16:33	1/19/2024 9:00	986.75	0
21306	1/18/2024 16:33	1/19/2024 9:00	986.75	0
347230	1/18/2024 16:35	1/18/2024 16:45	10	0
196408	1/18/2024 16:37	1/19/2024 9:00	982.75	0
353651	1/18/2024 16:37	1/19/2024 9:00	982.75	0
346185	1/18/2024 16:39	1/19/2024 9:00	980.75	0
1654064	1/18/2024 16:42	1/19/2024 9:00	977.43	0
11120838	1/18/2024 16:42	1/18/2024 17:29	47	0
47769	1/18/2024 16:42	1/19/2024 9:00	977.75	0
1020565	1/18/2024 16:43	1/19/2024 9:00	976.43	0
449377	1/18/2024 16:45	1/18/2024 17:53	68	0
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7902724	1/18/2024 16:49	1/18/2024 17:36	47	0
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21820	1/18/2024 16:59	1/19/2024 9:00	960.75	0
675499	1/18/2024 16:59	1/19/2024 9:00	960.87	0
515394	1/18/2024 17:03	1/19/2024 9:00	956.9	0
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8524544	1/18/2024 17:06	1/19/2024 9:00	953.75	0
573050	1/18/2024 17:08	1/19/2024 9:00	951.9	0
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328113	1/18/2024 17:12	1/19/2024 9:00	947.75	0
96506	1/18/2024 17:12	1/19/2024 9:00	947.75	0
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510307	1/18/2024 17:17	1/19/2024 9:00	942.9	0

995564	1/18/2024 17:18	1/19/2024 9:00	941.43	0
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956645	1/18/2024 17:20	1/19/2024 9:00	939.43	0
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611270	1/18/2024 17:22	1/19/2024 9:00	937.9	0
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281235	1/18/2024 17:25	1/19/2024 9:00	934.75	0
656343	1/18/2024 17:25	1/19/2024 9:00	934.87	0
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1463218	1/18/2024 17:31	1/19/2024 9:00	928.18	0
315306	1/18/2024 17:32	1/19/2024 9:00	927.75	0
800600	1/18/2024 17:33	1/19/2024 9:00	926.87	0
860281	1/18/2024 17:33	1/19/2024 9:00	926.87	0
313011	1/18/2024 17:33	1/19/2024 9:00	926.75	0
346135	1/18/2024 17:35	1/19/2024 9:00	924.75	0
314163	1/18/2024 17:35	1/19/2024 9:00	924.75	0
281056	1/18/2024 17:36	1/19/2024 9:00	923.75	0
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7902724	1/18/2024 17:36	1/18/2024 18:08	32	0
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252922	1/18/2024 17:40	1/19/2024 9:00	919.75	0
313269	1/18/2024 17:40	1/19/2024 9:00	919.75	0
800590	1/18/2024 17:41	1/19/2024 9:00	918.87	0
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552210	1/18/2024 17:42	1/19/2024 9:00	917.9	0
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593030	1/18/2024 17:43	1/19/2024 9:00	916.9	0
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316630	1/18/2024 17:44	1/19/2024 9:00	915.75	0
197629	1/18/2024 17:44	1/19/2024 9:00	915.75	0

197690	1/18/2024 17:44	1/19/2024 9:00	915.75	0
350406	1/18/2024 17:45	1/19/2024 9:00	914.75	0
535845	1/18/2024 17:45	1/19/2024 9:00	914.75	0
7879030	1/18/2024 17:47	1/19/2024 9:00	912.9	0
315380	1/18/2024 17:47	1/19/2024 9:00	912.75	0
561757	1/18/2024 17:47	1/19/2024 9:00	912.9	0
6995795	1/18/2024 17:49	1/19/2024 9:00	910.9	0
595591	1/18/2024 17:50	1/19/2024 9:00	909.9	0
1509487	1/18/2024 17:51	1/19/2024 9:00	908.18	0
571847	1/18/2024 17:52	1/19/2024 9:00	907.9	0
7518767	1/18/2024 17:52	1/19/2024 9:00	907.75	0
449377	1/18/2024 17:53	1/18/2024 18:56	63	0
324290	1/18/2024 17:53	1/19/2024 2:59	546	0
774799	1/18/2024 17:53	1/19/2024 9:00	906.9	0
997397	1/18/2024 17:54	1/19/2024 9:00	905.43	0
160073	1/18/2024 17:55	1/19/2024 9:00	904.43	0
658658	1/18/2024 17:56	1/19/2024 9:00	903.87	0
954637	1/18/2024 17:56	1/19/2024 9:00	903.43	0
663228	1/18/2024 17:59	1/19/2024 9:00	900.87	0
1547917	1/18/2024 18:02	1/19/2024 9:00	897.18	0
956968	1/18/2024 18:02	1/19/2024 3:03	541	0
313954	1/18/2024 18:03	1/19/2024 9:00	896.75	0
311724	1/18/2024 18:03	1/19/2024 9:00	896.75	0
956125	1/18/2024 18:03	1/19/2024 9:00	896.43	0
10371797	1/18/2024 18:03	1/19/2024 9:00	896.75	0
317084	1/18/2024 18:03	1/19/2024 9:00	896.75	0
54324	1/18/2024 18:04	1/19/2024 9:00	895.75	0
1437276	1/18/2024 18:04	1/19/2024 8:05	841	0
315616	1/18/2024 18:04	1/19/2024 9:00	895.75	0
957615	1/18/2024 18:07	1/19/2024 9:00	892.43	0
1437279	1/18/2024 18:07	1/18/2024 18:28	21	0
251244	1/18/2024 18:07	1/19/2024 9:00	892.75	0
1430294	1/18/2024 18:08	1/19/2024 9:00	891.18	0
7902724	1/18/2024 18:08	1/18/2024 19:11	63	0
345647	1/18/2024 18:08	1/19/2024 9:00	891.75	0
316997	1/18/2024 18:08	1/19/2024 9:00	891.75	0
1437071	1/18/2024 18:12	1/19/2024 9:00	887.18	0
353371	1/18/2024 18:13	1/19/2024 9:00	886.75	0
1556246	1/18/2024 18:13	1/19/2024 9:00	886.18	0
1064575	1/18/2024 18:14	1/19/2024 9:00	885.43	0
772378	1/18/2024 18:15	1/19/2024 9:00	884.9	0
558031	1/18/2024 18:16	1/19/2024 9:00	883.9	0
1453263	1/18/2024 18:17	1/19/2024 9:00	882.18	0
926657	1/18/2024 18:18	1/19/2024 9:00	881.87	0
10628562	1/18/2024 18:19	1/19/2024 9:00	880.18	0
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1523524	1/18/2024 18:20	1/19/2024 9:00	879.18	0

10659831	1/18/2024 18:20	1/19/2024 9:00	879.18	0
325050	1/18/2024 18:20	1/19/2024 9:00	879.75	0
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1556243	1/18/2024 18:25	1/19/2024 9:00	874.18	0
1513959	1/18/2024 18:25	1/19/2024 9:00	874.18	0
593798	1/18/2024 18:26	1/19/2024 9:00	873.9	0
51957	1/18/2024 18:28	1/19/2024 9:00	871.75	0
1437279	1/18/2024 18:28	1/19/2024 4:33	605	0
1469270	1/18/2024 18:31	1/19/2024 7:55	804	0
1535035	1/18/2024 18:31	1/19/2024 9:00	868.18	0
8068454	1/18/2024 18:31	1/19/2024 9:00	868.9	0
960195	1/18/2024 18:32	1/19/2024 9:00	867.43	0
610737	1/18/2024 18:35	1/19/2024 9:00	864.9	0
1565203	1/18/2024 18:35	1/19/2024 8:13	818	0
1513911	1/18/2024 18:36	1/19/2024 9:00	863.18	0
1535575	1/18/2024 18:38	1/19/2024 9:00	861.18	0
1465282	1/18/2024 18:38	1/19/2024 8:08	810	0
1462990	1/18/2024 18:38	1/19/2024 9:00	861.18	0
1434316	1/18/2024 18:38	1/19/2024 9:00	861.18	0
277818	1/18/2024 18:39	1/19/2024 9:00	860.75	0
1464949	1/18/2024 18:40	1/19/2024 9:00	859.18	0
808829	1/18/2024 18:40	1/19/2024 9:00	859.87	0
1520371	1/18/2024 18:42	1/19/2024 9:00	857.18	0
125572	1/18/2024 18:44	1/19/2024 9:00	855.75	0
454901	1/18/2024 18:44	1/19/2024 8:35	831	0
511266	1/18/2024 18:44	1/19/2024 9:00	855.9	0
11467920	1/18/2024 18:45	1/19/2024 9:00	854.18	0
1467272	1/18/2024 18:45	1/19/2024 9:00	854.18	0
801004	1/18/2024 18:46	1/19/2024 9:00	853.87	0
516892	1/18/2024 18:46	1/19/2024 9:00	853.9	0
808384	1/18/2024 18:47	1/19/2024 9:00	852.87	0
8605921	1/18/2024 18:47	1/19/2024 9:00	852.75	0
8150753	1/18/2024 18:47	1/19/2024 9:00	852.43	0
197356	1/18/2024 18:47	1/19/2024 9:00	852.75	0
596493	1/18/2024 18:47	1/19/2024 9:00	852.9	0
8910809	1/18/2024 18:49	1/19/2024 9:00	850.9	0
343205	1/18/2024 18:49	1/19/2024 9:00	850.75	0
276488	1/18/2024 18:49	1/19/2024 9:00	850.75	0
991227	1/18/2024 18:50	1/19/2024 9:00	849.43	0
611116	1/18/2024 18:51	1/19/2024 9:00	848.9	0
619266	1/18/2024 18:51	1/19/2024 9:00	848.9	0
515089	1/18/2024 18:51	1/19/2024 9:00	848.9	0
317233	1/18/2024 18:51	1/19/2024 9:00	848.75	0
315752	1/18/2024 18:51	1/19/2024 9:00	848.75	0
317797	1/18/2024 18:52	1/19/2024 9:00	847.75	0
800588	1/18/2024 18:52	1/19/2024 9:00	847.87	0
6761269	1/18/2024 18:52	1/19/2024 9:00	847.75	0

349467	1/18/2024 18:52	1/19/2024 9:00	847.75	0
8511623	1/18/2024 18:52	1/19/2024 8:40	828	0
658177	1/18/2024 18:53	1/19/2024 9:00	846.87	0
593366	1/18/2024 18:53	1/19/2024 9:00	846.9	0
1465882	1/18/2024 18:53	1/19/2024 9:00	846.18	0
1438878	1/18/2024 18:54	1/19/2024 8:07	793	0
988954	1/18/2024 18:54	1/19/2024 9:00	845.43	0
1521655	1/18/2024 18:54	1/19/2024 9:00	845.18	0
1466357	1/18/2024 18:54	1/19/2024 9:00	845.18	0
1436742	1/18/2024 18:54	1/19/2024 8:49	835	0
1439908	1/18/2024 18:55	1/19/2024 8:04	789	0
417158	1/18/2024 18:55	1/19/2024 9:00	844.9	0
8104722	1/18/2024 18:55	1/19/2024 9:00	844.75	0
553863	1/18/2024 18:55	1/19/2024 9:00	844.9	0
280173	1/18/2024 18:55	1/19/2024 9:00	844.75	0
97730	1/18/2024 18:55	1/19/2024 9:00	844.75	0
251248	1/18/2024 18:55	1/19/2024 9:00	844.75	0
1664433	1/18/2024 18:55	1/19/2024 9:00	844.87	0
1469850	1/18/2024 18:55	1/19/2024 7:54	779	0
1641091	1/18/2024 18:56	1/19/2024 9:00	843.18	0
449377	1/18/2024 18:56	1/18/2024 19:33	37	0
456099	1/18/2024 18:56	1/19/2024 8:34	818	0
1466445	1/18/2024 18:56	1/19/2024 8:09	793	0
1431804	1/18/2024 18:56	1/19/2024 9:00	843.18	0
500173	1/18/2024 18:56	1/19/2024 9:00	843.9	0
454861	1/18/2024 18:56	1/19/2024 8:33	817	0
251189	1/18/2024 18:56	1/19/2024 9:00	843.75	0
561672	1/18/2024 18:56	1/19/2024 9:00	843.9	0
498070	1/18/2024 18:57	1/19/2024 9:00	842.9	0
955448	1/18/2024 18:57	1/19/2024 9:00	842.43	0
1671958	1/18/2024 18:57	1/19/2024 9:00	842.9	0
989680	1/18/2024 18:57	1/19/2024 9:00	842.43	0
1077082	1/18/2024 18:57	1/19/2024 9:00	842.9	0
350517	1/18/2024 18:57	1/19/2024 9:00	842.75	0
644030	1/18/2024 18:57	1/19/2024 9:00	842.9	0
8590289	1/18/2024 18:57	1/19/2024 9:00	842.9	0
8387677	1/18/2024 18:58	1/19/2024 9:00	841.75	0
196965	1/18/2024 18:58	1/19/2024 9:00	841.75	0
645339	1/18/2024 18:58	1/19/2024 9:00	841.9	0
567126	1/18/2024 18:58	1/19/2024 9:00	841.9	0
353728	1/18/2024 18:58	1/19/2024 9:00	841.75	0
1680798	1/18/2024 18:58	1/19/2024 8:13	795	0
1073095	1/18/2024 18:58	1/19/2024 9:00	841.9	0
4173986	1/18/2024 18:59	1/19/2024 9:00	840.75	0
1610090	1/18/2024 18:59	1/19/2024 9:00	840.18	0
8148103	1/18/2024 18:59	1/19/2024 9:00	840.75	0
1469301	1/18/2024 18:59	1/19/2024 9:00	840.18	0

455629	1/18/2024 18:59	1/19/2024 9:00	840.9	0
1445317	1/18/2024 18:59	1/19/2024 8:11	792	0
1556352	1/18/2024 18:59	1/19/2024 9:00	840.18	0
275495	1/18/2024 18:59	1/19/2024 9:00	840.75	0
455345	1/18/2024 18:59	1/19/2024 8:37	818	0
346288	1/18/2024 19:00	1/19/2024 9:00	839.75	0
590897	1/18/2024 19:00	1/19/2024 9:00	839.9	0
48217	1/18/2024 19:00	1/19/2024 9:00	839.75	0
1468500	1/18/2024 19:00	1/19/2024 9:00	839.18	0
1513240	1/18/2024 19:01	1/19/2024 9:00	838.18	0
664453	1/18/2024 19:01	1/19/2024 9:00	838.87	0
346967	1/18/2024 19:01	1/19/2024 9:00	838.75	0
957216	1/18/2024 19:01	1/19/2024 9:00	838.43	0
8972545	1/18/2024 19:01	1/19/2024 9:00	838.9	0
279833	1/18/2024 19:01	1/19/2024 9:00	838.75	0
457978	1/18/2024 19:01	1/19/2024 8:35	814	0
1683861	1/18/2024 19:02	1/19/2024 9:00	837.75	0
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645144	1/18/2024 19:02	1/19/2024 9:00	837.9	0
571799	1/18/2024 19:02	1/19/2024 9:00	837.9	0
312846	1/18/2024 19:02	1/19/2024 9:00	837.75	0
553755	1/18/2024 19:02	1/19/2024 9:00	837.9	0
314899	1/18/2024 19:02	1/19/2024 9:00	837.75	0
49209	1/18/2024 19:02	1/19/2024 9:00	837.75	0
516660	1/18/2024 19:02	1/19/2024 9:00	837.9	0
501613	1/18/2024 19:02	1/19/2024 9:00	837.9	0
1469866	1/18/2024 19:03	1/19/2024 9:00	836.18	0
751178	1/18/2024 19:03	1/19/2024 9:00	836.9	0
1459057	1/18/2024 19:03	1/19/2024 9:00	836.18	0
96751	1/18/2024 19:03	1/19/2024 9:00	836.75	0
277301	1/18/2024 19:03	1/19/2024 9:00	836.75	0
1463680	1/18/2024 19:03	1/19/2024 9:00	836.18	0
509233	1/18/2024 19:03	1/19/2024 9:00	836.9	0
315169	1/18/2024 19:03	1/19/2024 9:00	836.75	0
1566872	1/18/2024 19:04	1/19/2024 9:00	835.18	0
598463	1/18/2024 19:04	1/19/2024 9:00	835.9	0
9313875	1/18/2024 19:04	1/19/2024 9:00	835.18	0
346347	1/18/2024 19:04	1/19/2024 9:00	835.75	0
10510361	1/18/2024 19:04	1/19/2024 9:00	835.75	0
8486022	1/18/2024 19:05	1/19/2024 9:00	834.18	0
1444809	1/18/2024 19:05	1/19/2024 7:56	771	0
564518	1/18/2024 19:05	1/19/2024 9:00	834.9	0
274522	1/18/2024 19:05	1/19/2024 9:00	834.75	0
315730	1/18/2024 19:05	1/19/2024 9:00	834.75	0
457729	1/18/2024 19:06	1/19/2024 8:33	807	0
455994	1/18/2024 19:06	1/19/2024 9:00	833.9	0
8434548	1/18/2024 19:06	1/19/2024 9:00	833.75	0

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418876	1/18/2024 19:06	1/19/2024 9:00	833.9	0
267537	1/18/2024 19:06	1/19/2024 9:00	833.75	0
381338	1/18/2024 19:06	1/19/2024 9:00	833.9	0
1430553	1/18/2024 19:07	1/19/2024 8:03	776	0
574596	1/18/2024 19:07	1/19/2024 9:00	832.9	0
507365	1/18/2024 19:08	1/19/2024 9:00	831.9	0
381982	1/18/2024 19:08	1/19/2024 9:00	831.9	0
523489	1/18/2024 19:08	1/19/2024 9:00	831.75	0
324045	1/18/2024 19:09	1/19/2024 9:00	830.75	0
1512146	1/18/2024 19:09	1/19/2024 9:00	830.18	0
1515964	1/18/2024 19:09	1/19/2024 9:00	830.18	0
597560	1/18/2024 19:09	1/19/2024 9:00	830.9	0
314945	1/18/2024 19:10	1/19/2024 9:00	829.75	0
1524033	1/18/2024 19:10	1/19/2024 9:00	829.18	0
605186	1/18/2024 19:10	1/19/2024 9:00	829.9	0
547577	1/18/2024 19:10	1/19/2024 9:00	829.75	0
314188	1/18/2024 19:10	1/19/2024 9:00	829.75	0
1554218	1/18/2024 19:10	1/19/2024 9:00	829.18	0
1548014	1/18/2024 19:10	1/19/2024 9:00	829.18	0
324249	1/18/2024 19:10	1/19/2024 9:00	829.75	0
380057	1/18/2024 19:10	1/19/2024 9:00	829.9	0
1465391	1/18/2024 19:10	1/19/2024 8:08	778	0
344958	1/18/2024 19:11	1/19/2024 9:00	828.75	0
859747	1/18/2024 19:11	1/19/2024 9:00	828.87	0
56060	1/18/2024 19:11	1/19/2024 9:00	828.75	0
1435531	1/18/2024 19:11	1/19/2024 9:00	828.18	0
1595351	1/18/2024 19:11	1/19/2024 8:01	770	0
1573666	1/18/2024 19:11	1/19/2024 9:00	828.18	0
8495802	1/18/2024 19:11	1/19/2024 9:00	828.18	0
7902724	1/18/2024 19:11	1/19/2024 8:33	802	0
7178975	1/18/2024 19:11	1/19/2024 9:00	828.75	0
1515733	1/18/2024 19:11	1/19/2024 9:00	828.18	0
1521914	1/18/2024 19:12	1/19/2024 9:00	827.18	0
101426	1/18/2024 19:12	1/19/2024 9:00	827.75	0
323747	1/18/2024 19:12	1/19/2024 9:00	827.75	0
1609484	1/18/2024 19:12	1/19/2024 8:02	770	0
642003	1/18/2024 19:12	1/19/2024 9:00	827.9	0
8495805	1/18/2024 19:12	1/19/2024 9:00	827.9	0
1463520	1/18/2024 19:13	1/19/2024 9:00	826.18	0
1535026	1/18/2024 19:13	1/19/2024 9:00	826.18	0
517211	1/18/2024 19:14	1/19/2024 9:00	825.9	0
323657	1/18/2024 19:14	1/19/2024 9:00	825.75	0
1465703	1/18/2024 19:14	1/19/2024 9:00	825.18	0
378229	1/18/2024 19:14	1/19/2024 9:00	825.9	0
319279	1/18/2024 19:15	1/19/2024 9:00	824.75	0
313731	1/18/2024 19:16	1/19/2024 9:00	823.75	0

1609222	1/18/2024 19:17	1/19/2024 9:00	822.18	0
1609551	1/18/2024 19:17	1/19/2024 8:06	769	0
449377	1/18/2024 19:33	1/18/2024 20:52	79	0
643812	1/18/2024 19:38	1/19/2024 9:00	801.9	0
643434	1/18/2024 20:43	1/19/2024 9:00	736.9	0
449377	1/18/2024 20:52	1/18/2024 21:39	47	0
449377	1/18/2024 21:39	1/18/2024 22:11	32	0
449377	1/18/2024 22:11	1/18/2024 22:41	30	0
449377	1/18/2024 22:41	1/18/2024 23:40	59	0
449377	1/18/2024 23:40	1/18/2024 23:50	10	0
449377	1/18/2024 23:50	1/19/2024 1:25	95	0
449377	1/19/2024 1:25	1/19/2024 2:59	94	0
347230	1/19/2024 2:34	1/19/2024 8:13	339	0
342796	1/19/2024 2:57	1/19/2024 9:00	362.75	0
324290	1/19/2024 2:59	1/19/2024 9:00	360.75	0
449377	1/19/2024 2:59	1/19/2024 4:35	96	0
956968	1/19/2024 3:03	1/19/2024 9:00	356.43	0
1466638	1/19/2024 3:26	1/19/2024 8:24	298	0
1469956	1/19/2024 3:43	1/19/2024 8:10	267	0
1437279	1/19/2024 4:33	1/19/2024 8:03	210	0
449377	1/19/2024 4:35	1/19/2024 4:46	11	0
449377	1/19/2024 4:46	1/19/2024 5:04	18	0
1438807	1/19/2024 4:58	1/19/2024 8:07	189	0
449377	1/19/2024 5:04	1/19/2024 5:38	34	0
449377	1/19/2024 5:38	1/19/2024 6:30	52	0
449377	1/19/2024 6:30	1/19/2024 7:12	42	0
449377	1/19/2024 7:12	1/19/2024 8:41	89	0
1469850	1/19/2024 7:54	1/19/2024 9:00	65.18	0
1469270	1/19/2024 7:55	1/19/2024 9:00	64.18	0
1444809	1/19/2024 7:56	1/19/2024 9:00	63.18	0
1595351	1/19/2024 8:01	1/19/2024 9:00	58.18	0
1609484	1/19/2024 8:02	1/19/2024 9:00	57.18	0
1430838	1/19/2024 8:02	1/19/2024 9:00	57.18	0
1430553	1/19/2024 8:03	1/19/2024 9:00	56.18	0
1437279	1/19/2024 8:03	1/19/2024 9:00	56.18	0
1609415	1/19/2024 8:03	1/19/2024 9:00	56.18	0
1439908	1/19/2024 8:04	1/19/2024 9:00	55.18	0
1437276	1/19/2024 8:05	1/19/2024 9:00	54.18	0
1609551	1/19/2024 8:06	1/19/2024 9:00	53.18	0
1438878	1/19/2024 8:07	1/19/2024 9:00	52.18	0
1438807	1/19/2024 8:07	1/19/2024 9:00	52.18	0
1465282	1/19/2024 8:08	1/19/2024 9:00	51.18	0
1465391	1/19/2024 8:08	1/19/2024 9:00	51.18	0
1466445	1/19/2024 8:09	1/19/2024 9:00	50.18	0
1469956	1/19/2024 8:10	1/19/2024 9:00	49.18	0
1445317	1/19/2024 8:11	1/19/2024 9:00	48.18	0
347230	1/19/2024 8:13	1/19/2024 9:00	46.75	0

1565203	1/19/2024 8:13	1/19/2024 9:00	46.18	0
1680798	1/19/2024 8:13	1/19/2024 9:00	46.75	0
1466638	1/19/2024 8:24	1/19/2024 9:00	35.18	0
7902724	1/19/2024 8:33	1/19/2024 9:00	26.75	0
454861	1/19/2024 8:33	1/19/2024 9:00	26.9	0
457729	1/19/2024 8:33	1/19/2024 9:00	26.9	0
456099	1/19/2024 8:34	1/19/2024 9:00	25.9	0
454901	1/19/2024 8:35	1/19/2024 9:00	24.9	0
457978	1/19/2024 8:35	1/19/2024 9:00	24.9	0
455345	1/19/2024 8:37	1/19/2024 9:00	22.9	0
8511623	1/19/2024 8:40	1/19/2024 9:00	19.75	0
449377	1/19/2024 8:41	1/19/2024 8:57	16	0
1436742	1/19/2024 8:49	1/19/2024 9:00	10.18	0
449377	1/19/2024 8:57	1/19/2024 9:00	2.9	0
1513541	1/19/2024 9:00	1/20/2024 9:00	1439.18	0
554089	1/19/2024 9:00	1/20/2024 9:00	1439.9	0
1438807	1/19/2024 9:00	1/19/2024 18:48	587.32	0
8605921	1/19/2024 9:00	1/19/2024 10:50	109.83	0
1671958	1/19/2024 9:00	1/20/2024 9:00	1439.9	0
195216	1/19/2024 9:00	1/20/2024 9:00	1439.75	0
675499	1/19/2024 9:00	1/20/2024 9:00	1439.87	0
8766703	1/19/2024 9:00	1/20/2024 9:00	1439.43	0
1552447	1/19/2024 9:00	1/20/2024 9:00	1439.18	0
1436742	1/19/2024 9:00	1/19/2024 18:54	593.32	0
1552990	1/19/2024 9:00	1/20/2024 9:00	1439.18	0
353728	1/19/2024 9:00	1/19/2024 11:04	123.83	0
1516786	1/19/2024 9:00	1/19/2024 11:10	129.32	0
1438878	1/19/2024 9:00	1/19/2024 18:49	588.32	0
1453263	1/19/2024 9:00	1/19/2024 18:01	540.32	0
319279	1/19/2024 9:00	1/19/2024 10:26	85.83	0
1985687	1/19/2024 9:00	1/19/2024 11:43	163.12	0
1435531	1/19/2024 9:00	1/19/2024 11:39	158.32	0
562202	1/19/2024 9:00	1/19/2024 16:11	431.12	0
447406	1/19/2024 9:00	1/19/2024 13:41	281.12	0
6761269	1/19/2024 9:00	1/19/2024 15:13	372.83	0
1437279	1/19/2024 9:06	1/19/2024 18:45	578.32	0
1516579	1/19/2024 9:06	1/19/2024 10:53	106.32	0
1439908	1/19/2024 9:07	1/19/2024 17:53	525.32	0
1469850	1/19/2024 9:07	1/19/2024 17:55	527.32	0
1437276	1/19/2024 9:07	1/19/2024 16:59	471.32	0
8668965	1/19/2024 9:08	1/19/2024 14:38	330.12	0
558031	1/19/2024 9:08	1/19/2024 11:19	131.12	0
574993	1/19/2024 9:09	1/19/2024 10:06	57	0
509233	1/19/2024 9:09	1/19/2024 14:08	299.12	0
561757	1/19/2024 9:09	1/19/2024 11:20	131.12	0
1469270	1/19/2024 9:09	1/19/2024 18:52	582.32	0
1444809	1/19/2024 9:09	1/19/2024 18:53	583.32	0

1445317	1/19/2024 9:11	1/19/2024 18:52	580.32	0
8511623	1/19/2024 9:12	1/19/2024 10:42	89.83	0
558800	1/19/2024 9:12	1/19/2024 17:23	491.12	0
1469956	1/19/2024 9:13	1/19/2024 17:05	471.32	0
350406	1/19/2024 9:15	1/19/2024 17:13	477.83	0
593397	1/19/2024 9:15	1/19/2024 11:47	152.12	0
1430838	1/19/2024 9:15	1/19/2024 14:36	320.32	0
1609484	1/19/2024 9:15	1/19/2024 19:09	593.32	0
347230	1/19/2024 9:15	1/19/2024 15:07	351.83	0
1680798	1/19/2024 9:16	1/20/2024 4:00	1123.83	0
593366	1/19/2024 9:16	1/19/2024 11:48	152.12	0
1654064	1/19/2024 9:16	1/19/2024 15:50	393.7	0
51957	1/19/2024 9:16	1/19/2024 17:34	497.83	0
593798	1/19/2024 9:17	1/19/2024 11:44	147.12	0
1430553	1/19/2024 9:17	1/19/2024 14:33	315.32	0
350517	1/19/2024 9:17	1/19/2024 17:04	466.83	0
10628562	1/19/2024 9:17	1/19/2024 17:52	514.32	0
350346	1/19/2024 9:17	1/20/2024 2:15	1017.83	0
1595351	1/19/2024 9:17	1/19/2024 19:04	586.32	0
1610090	1/19/2024 9:18	1/19/2024 17:38	499.32	0
1609222	1/19/2024 9:18	1/19/2024 19:00	581.32	0
1609415	1/19/2024 9:18	1/19/2024 17:27	488.32	0
54324	1/19/2024 9:18	1/19/2024 19:01	582.83	0
349467	1/19/2024 9:19	1/19/2024 17:38	498.83	0
56060	1/19/2024 9:19	1/19/2024 19:02	582.83	0
1465703	1/19/2024 9:20	1/19/2024 14:20	299.32	0
1609551	1/19/2024 9:20	1/19/2024 19:09	588.32	0
317195	1/19/2024 9:22	1/19/2024 15:36	373.83	0
1466638	1/19/2024 9:22	1/19/2024 14:21	298.32	0
314945	1/19/2024 9:24	1/19/2024 18:41	556.83	0
8387677	1/19/2024 9:25	1/19/2024 19:36	610.83	0
808384	1/19/2024 9:26	1/19/2024 11:27	120.98	0
1465391	1/19/2024 9:26	1/19/2024 18:33	546.32	0
810130	1/19/2024 9:26	1/19/2024 11:27	120.98	0
1466445	1/19/2024 9:27	1/19/2024 18:13	525.32	0
1465282	1/19/2024 9:27	1/19/2024 18:13	525.32	0
328113	1/19/2024 9:32	1/19/2024 10:04	32	0
315730	1/19/2024 9:32	1/19/2024 10:04	32	0
7178975	1/19/2024 9:33	1/19/2024 10:04	31	0
314188	1/19/2024 9:34	1/19/2024 10:06	32	0
315169	1/19/2024 9:34	1/19/2024 10:05	31	0
10393495	1/19/2024 9:35	1/19/2024 11:36	120.83	0
279833	1/19/2024 9:35	1/19/2024 11:37	121.83	0
276488	1/19/2024 9:35	1/19/2024 11:36	120.83	0
573050	1/19/2024 9:36	1/19/2024 11:52	136.12	0
7902724	1/19/2024 9:36	1/19/2024 10:18	41.83	0
274522	1/19/2024 9:37	1/19/2024 11:33	115.83	0

275018	1/19/2024 9:38	1/19/2024 11:39	120.83	0
314564	1/19/2024 9:38	1/19/2024 15:56	377.83	0
275495	1/19/2024 9:38	1/19/2024 11:33	114.83	0
4173986	1/19/2024 9:38	1/19/2024 11:33	114.83	0
315752	1/19/2024 9:39	1/19/2024 16:28	408.83	0
315604	1/19/2024 9:40	1/19/2024 15:47	366.83	0
10371797	1/19/2024 9:40	1/19/2024 17:22	461.83	0
313954	1/19/2024 9:41	1/19/2024 17:09	447.83	0
548347	1/19/2024 9:41	1/19/2024 11:41	120.12	0
315345	1/19/2024 9:41	1/19/2024 16:37	415.83	0
313731	1/19/2024 9:41	1/19/2024 18:53	551.83	0
315380	1/19/2024 9:41	1/19/2024 17:07	445.83	0
314163	1/19/2024 9:41	1/19/2024 17:18	456.83	0
315346	1/19/2024 9:41	1/20/2024 1:38	956.83	0
317233	1/19/2024 9:42	1/19/2024 16:11	388.83	0
251244	1/19/2024 9:43	1/19/2024 14:17	273.83	0
251189	1/19/2024 9:44	1/19/2024 14:17	272.83	0
251248	1/19/2024 9:44	1/19/2024 14:17	272.83	0
317797	1/19/2024 9:46	1/19/2024 16:09	382.83	0
1434359	1/19/2024 9:48	1/19/2024 17:31	462.32	0
498070	1/19/2024 9:49	1/19/2024 16:33	404.12	0
1434316	1/19/2024 9:50	1/19/2024 18:57	546.32	0
323657	1/19/2024 9:52	1/19/2024 18:52	539.83	0
500173	1/19/2024 9:53	1/19/2024 16:47	414.12	0
506261	1/19/2024 9:54	1/19/2024 14:12	258.12	0
324249	1/19/2024 9:54	1/19/2024 18:02	487.83	0
510974	1/19/2024 9:55	1/19/2024 12:58	183.12	0
323747	1/19/2024 9:56	1/19/2024 19:02	545.83	0
808829	1/19/2024 9:56	1/19/2024 11:26	89.98	0
353651	1/19/2024 9:57	1/19/2024 10:27	29.83	0
47769	1/19/2024 10:00	1/19/2024 13:40	219.83	0
353082	1/19/2024 10:00	1/19/2024 10:27	26.83	0
353371	1/19/2024 10:01	1/19/2024 10:27	25.83	0
49209	1/19/2024 10:02	1/19/2024 14:19	256.83	0
1556565	1/19/2024 10:02	1/19/2024 11:48	105.32	0
1556486	1/19/2024 10:03	1/19/2024 11:48	104.32	0
1556434	1/19/2024 10:03	1/19/2024 11:49	105.32	0
7178975	1/19/2024 10:04	1/19/2024 11:34	89.83	0
315730	1/19/2024 10:04	1/19/2024 11:33	88.83	0
328113	1/19/2024 10:04	1/19/2024 10:19	14.83	0
2923717	1/19/2024 10:05	1/20/2024 9:00	1374.9	0
308802	1/19/2024 10:05	1/19/2024 17:42	456.83	0
315169	1/19/2024 10:05	1/19/2024 11:35	89.83	0
1077082	1/19/2024 10:05	1/19/2024 18:49	524.12	0
498597	1/19/2024 10:05	1/19/2024 17:26	441.12	0
314188	1/19/2024 10:06	1/19/2024 11:35	88.83	0
751178	1/19/2024 10:06	1/19/2024 18:51	525.12	0

574993	1/19/2024 10:06	1/19/2024 10:12	6	0
309944	1/19/2024 10:06	1/19/2024 16:29	382.83	0
1509487	1/19/2024 10:06	1/19/2024 17:28	441.32	0
196408	1/19/2024 10:07	1/19/2024 11:37	89.83	0
1446401	1/19/2024 10:07	1/19/2024 16:13	365.32	0
197690	1/19/2024 10:07	1/19/2024 16:02	354.83	0
501613	1/19/2024 10:07	1/19/2024 18:42	515.12	0
195839	1/19/2024 10:07	1/19/2024 11:37	89.83	0
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1512146	1/19/2024 10:08	1/19/2024 19:05	536.32	0
8972545	1/19/2024 10:08	1/19/2024 18:47	519.12	0
281235	1/19/2024 10:08	1/19/2024 11:38	89.83	0
309265	1/19/2024 10:08	1/19/2024 15:02	293.83	0
197629	1/19/2024 10:08	1/19/2024 11:36	87.83	0
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315616	1/19/2024 10:10	1/19/2024 17:21	430.83	0
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6995795	1/19/2024 10:10	1/19/2024 14:46	276.12	0
1469866	1/19/2024 10:10	1/19/2024 18:29	498.32	0
1509486	1/19/2024 10:11	1/19/2024 18:36	504.32	0
312846	1/19/2024 10:11	1/19/2024 18:25	493.83	0
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160073	1/19/2024 10:12	1/19/2024 18:41	508.7	0
344958	1/19/2024 10:12	1/19/2024 18:53	520.83	0
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346135	1/19/2024 10:13	1/19/2024 17:08	414.83	0
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957615	1/19/2024 10:13	1/19/2024 17:50	456.7	0
7879030	1/19/2024 10:15	1/19/2024 16:00	345.12	0
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345957	1/19/2024 10:15	1/19/2024 18:12	477	0
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574596	1/19/2024 10:21	1/19/2024 11:39	78.12	0
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277301	1/19/2024 10:22	1/19/2024 11:41	79	0

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997397	1/19/2024 10:33	1/19/2024 16:47	373.7	0
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1664433	1/19/2024 10:52	1/19/2024 11:24	32	0
1516579	1/19/2024 10:53	1/19/2024 10:58	5	0
1521914	1/19/2024 10:54	1/19/2024 18:59	485	0
574993	1/19/2024 10:54	1/19/2024 10:59	5	0
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574993	1/19/2024 10:59	1/19/2024 11:09	10	0
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1431804	1/19/2024 11:03	1/19/2024 17:42	399	0
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800590	1/19/2024 11:10	1/19/2024 11:55	45	0
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664453	1/19/2024 11:11	1/19/2024 11:43	32	0
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8511623	1/19/2024 11:13	1/19/2024 15:10	237	0
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1516579	1/19/2024 11:14	1/19/2024 11:24	10	0
342796	1/19/2024 11:14	1/19/2024 15:11	237	0
1672784	1/19/2024 11:15	1/20/2024 9:00	1304.78	0
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574993	1/19/2024 11:15	1/19/2024 11:36	21	0
456099	1/19/2024 11:17	1/19/2024 16:59	342	0
7518767	1/19/2024 11:18	1/19/2024 17:05	347	0
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624716	1/19/2024 11:20	1/20/2024 9:00	1299.78	0
1535304	1/19/2024 11:20	1/19/2024 18:36	436	0
627289	1/19/2024 11:20	1/19/2024 11:36	16	0
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627018	1/19/2024 11:21	1/19/2024 11:37	16	0
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610547	1/19/2024 11:23	1/20/2024 9:00	1296.78	0

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609850	1/19/2024 11:23	1/20/2024 9:00	1296.78	0
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567126	1/19/2024 11:24	1/19/2024 11:39	15	0
1535397	1/19/2024 11:24	1/19/2024 17:52	388	0
21306	1/19/2024 11:24	1/19/2024 11:55	31	0
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610737	1/19/2024 11:24	1/20/2024 9:00	1295.78	0
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564518	1/19/2024 11:25	1/19/2024 11:41	16	0
317126	1/19/2024 11:25	1/19/2024 16:08	283	0
808829	1/19/2024 11:26	1/19/2024 11:57	31	0
21820	1/19/2024 11:26	1/19/2024 11:58	32	0
611363	1/19/2024 11:26	1/20/2024 9:00	1293.78	0
1073095	1/19/2024 11:26	1/20/2024 9:00	1293.78	0
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511266	1/19/2024 11:26	1/19/2024 14:09	163	0
808384	1/19/2024 11:27	1/19/2024 15:44	257	0
810130	1/19/2024 11:27	1/19/2024 15:44	257	0
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1516579	1/19/2024 11:29	1/19/2024 11:40	11	0
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8495802	1/19/2024 11:31	1/19/2024 12:03	32	0
7902724	1/19/2024 11:31	1/19/2024 14:51	200	0
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595591	1/19/2024 11:32	1/19/2024 12:30	58	0
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274522	1/19/2024 11:33	1/19/2024 13:18	105	0
9993412	1/19/2024 11:33	1/19/2024 12:30	57	0
275495	1/19/2024 11:33	1/19/2024 13:19	106	0
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315730	1/19/2024 11:33	1/19/2024 14:48	195	0
7178975	1/19/2024 11:34	1/19/2024 14:48	194	0
456084	1/19/2024 11:34	1/19/2024 12:32	58	0
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277818	1/19/2024 11:34	1/19/2024 13:19	105	0
315169	1/19/2024 11:35	1/19/2024 14:49	194	0
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627289	1/19/2024 11:36	1/19/2024 13:52	136	0

276488	1/19/2024 11:36	1/19/2024 13:21	105	0
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574993	1/19/2024 11:36	1/19/2024 11:41	5	0
197629	1/19/2024 11:36	1/19/2024 14:35	179	0
8434548	1/19/2024 11:36	1/19/2024 14:48	192	0
196408	1/19/2024 11:37	1/19/2024 14:35	178	0
279833	1/19/2024 11:37	1/19/2024 13:23	106	0
195839	1/19/2024 11:37	1/19/2024 15:54	257	0
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1584264	1/19/2024 11:37	1/19/2024 11:53	16	0
627018	1/19/2024 11:37	1/19/2024 13:53	136	0
1515733	1/19/2024 11:38	1/19/2024 14:42	184	0
624628	1/19/2024 11:38	1/19/2024 13:49	131	0
1683861	1/19/2024 11:38	1/19/2024 14:52	194	0
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274125	1/19/2024 11:38	1/19/2024 13:23	105	0
1435531	1/19/2024 11:39	1/19/2024 19:00	441	0
275018	1/19/2024 11:39	1/19/2024 13:26	107	0
567126	1/19/2024 11:39	1/19/2024 14:38	179	0
574596	1/19/2024 11:39	1/19/2024 11:54	15	0
197561	1/19/2024 11:39	1/19/2024 14:37	178	0
624953	1/19/2024 11:39	1/19/2024 13:50	131	0
196965	1/19/2024 11:39	1/19/2024 14:36	177	0
125572	1/19/2024 11:40	1/19/2024 14:38	178	0
658658	1/19/2024 11:40	1/19/2024 11:56	16	0
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549617	1/19/2024 11:41	1/19/2024 12:39	58	0
574993	1/19/2024 11:41	1/19/2024 11:52	11	0
548347	1/19/2024 11:41	1/19/2024 12:39	58	0
663228	1/19/2024 11:41	1/19/2024 11:57	16	0
656343	1/19/2024 11:41	1/19/2024 11:56	15	0
1093833	1/19/2024 11:41	1/19/2024 13:21	100	0
564518	1/19/2024 11:41	1/19/2024 14:40	179	0
277301	1/19/2024 11:41	1/19/2024 13:21	100	0
1516786	1/19/2024 11:42	1/19/2024 14:40	178	0
10371746	1/19/2024 11:42	1/19/2024 12:40	58	0
549596	1/19/2024 11:43	1/19/2024 12:41	58	0
1985687	1/19/2024 11:43	1/19/2024 12:32	49	0
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1516579	1/19/2024 11:45	1/19/2024 14:23	158	0
593397	1/19/2024 11:47	1/19/2024 14:45	178	0
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1556565	1/19/2024 11:48	1/19/2024 12:04	16	0
593366	1/19/2024 11:48	1/19/2024 15:18	210	0

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574993	1/19/2024 11:52	1/19/2024 11:57	5	0
573050	1/19/2024 11:52	1/19/2024 13:11	79	0
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800600	1/19/2024 11:54	1/19/2024 14:26	152	0
801004	1/19/2024 11:55	1/19/2024 14:22	147	0
800590	1/19/2024 11:55	1/19/2024 14:26	151	0
21306	1/19/2024 11:55	1/19/2024 13:09	74	0
274059	1/19/2024 11:55	1/19/2024 14:22	147	0
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656343	1/19/2024 11:56	1/19/2024 14:28	152	0
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664453	1/19/2024 11:58	1/19/2024 14:25	147	0
8495802	1/19/2024 12:03	1/19/2024 12:29	26	0
1556434	1/19/2024 12:04	1/19/2024 14:05	121	0
1556486	1/19/2024 12:04	1/19/2024 14:05	121	0
1556565	1/19/2024 12:04	1/19/2024 14:05	121	0
1556352	1/19/2024 12:05	1/19/2024 14:06	121	0
926657	1/19/2024 12:21	1/19/2024 13:50	89	0
574993	1/19/2024 12:23	1/19/2024 12:28	5	0
574596	1/19/2024 12:24	1/19/2024 14:09	105	0
383804	1/19/2024 12:27	1/19/2024 18:41	374	0
574993	1/19/2024 12:28	1/19/2024 13:37	69	0
8495802	1/19/2024 12:29	1/19/2024 13:48	79	0
598463	1/19/2024 12:30	1/19/2024 17:50	320	0
9993412	1/19/2024 12:30	1/20/2024 9:00	1229.78	0
595591	1/19/2024 12:30	1/19/2024 15:23	173	0
1985687	1/19/2024 12:32	1/19/2024 14:59	147	0
456084	1/19/2024 12:32	1/20/2024 9:00	1227.78	0
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450309	1/19/2024 12:35	1/19/2024 18:43	368	0
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549617	1/19/2024 12:39	1/19/2024 14:29	110	0
548347	1/19/2024 12:39	1/19/2024 13:42	63	0
10371746	1/19/2024 12:40	1/19/2024 13:59	79	0
1584264	1/19/2024 12:40	1/19/2024 14:51	131	0

549596	1/19/2024 12:41	1/19/2024 14:26	105	0
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204700	1/19/2024 13:06	1/20/2024 9:00	1193.92	0
21306	1/19/2024 13:09	1/19/2024 14:38	89	0
204963	1/19/2024 13:09	1/20/2024 9:00	1190.92	0
189581	1/19/2024 13:10	1/19/2024 13:42	32	0
34905	1/19/2024 13:11	1/19/2024 14:14	63	0
24124	1/19/2024 13:11	1/20/2024 9:00	1188.92	0
573050	1/19/2024 13:11	1/19/2024 15:48	157	0
21820	1/19/2024 13:11	1/19/2024 14:40	89	0
30471	1/19/2024 13:12	1/19/2024 13:44	32	0
25674	1/19/2024 13:13	1/19/2024 13:44	31	0
35442	1/19/2024 13:13	1/19/2024 13:43	30	0
29635	1/19/2024 13:14	1/19/2024 14:28	74	0
27483	1/19/2024 13:14	1/19/2024 19:00	346	0
23462	1/19/2024 13:15	1/19/2024 17:17	242	0
34832	1/19/2024 13:15	1/19/2024 13:41	26	0
26921	1/19/2024 13:15	1/19/2024 13:41	26	0
28509	1/19/2024 13:15	1/19/2024 13:41	26	0
34887	1/19/2024 13:16	1/19/2024 13:42	26	0
274522	1/19/2024 13:18	1/19/2024 14:21	63	0
277818	1/19/2024 13:19	1/19/2024 14:22	63	0
275495	1/19/2024 13:19	1/19/2024 14:21	62	0
69207	1/19/2024 13:20	1/19/2024 14:18	58	0
277301	1/19/2024 13:21	1/19/2024 15:39	138	0
276488	1/19/2024 13:21	1/19/2024 14:24	63	0
1093833	1/19/2024 13:21	1/19/2024 14:40	79	0
281235	1/19/2024 13:22	1/19/2024 14:04	42	0
10393495	1/19/2024 13:22	1/19/2024 13:52	30	0
597560	1/19/2024 13:22	1/19/2024 15:22	120	0
4173986	1/19/2024 13:23	1/19/2024 14:21	58	0
279833	1/19/2024 13:23	1/19/2024 14:19	56	0
274125	1/19/2024 13:23	1/19/2024 14:20	57	0
954332	1/19/2024 13:26	1/19/2024 15:17	111	0
26864	1/19/2024 13:26	1/19/2024 13:58	32	0
275018	1/19/2024 13:26	1/19/2024 13:50	24	0
415949	1/19/2024 13:31	1/19/2024 17:43	252	0
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455321	1/19/2024 13:32	1/20/2024 9:00	1167.78	0
448227	1/19/2024 13:33	1/20/2024 9:00	1166.78	0
65553	1/19/2024 13:33	1/20/2024 9:00	1166.92	0
1465882	1/19/2024 13:33	1/19/2024 14:36	63	0
588892	1/19/2024 13:33	1/19/2024 15:50	137	0
105666	1/19/2024 13:35	1/19/2024 14:28	53	0
68308	1/19/2024 13:35	1/19/2024 13:51	16	0
449036	1/19/2024 13:35	1/19/2024 14:18	43	0
452937	1/19/2024 13:36	1/19/2024 18:56	320	0

574993	1/19/2024 13:37	1/19/2024 13:42	5	0
903630	1/19/2024 13:39	1/19/2024 17:25	226	0
47769	1/19/2024 13:40	1/19/2024 14:17	37	0
447406	1/19/2024 13:41	1/19/2024 15:52	131	0
28509	1/19/2024 13:41	1/19/2024 18:40	299	0
188639	1/19/2024 13:41	1/19/2024 17:47	246	0
34832	1/19/2024 13:41	1/19/2024 14:44	63	0
26921	1/19/2024 13:41	1/19/2024 14:55	74	0
34887	1/19/2024 13:42	1/19/2024 14:45	63	0
189581	1/19/2024 13:42	1/19/2024 14:29	47	0
27443	1/19/2024 13:42	1/19/2024 17:12	210	0
574993	1/19/2024 13:42	1/19/2024 13:52	10	0
548347	1/19/2024 13:42	1/19/2024 14:14	32	0
35442	1/19/2024 13:43	1/19/2024 14:43	60	0
29848	1/19/2024 13:43	1/19/2024 18:47	304	0
30471	1/19/2024 13:44	1/19/2024 17:14	210	0
25674	1/19/2024 13:44	1/19/2024 21:31	467	0
348328	1/19/2024 13:44	1/20/2024 9:00	1155.92	0
449377	1/19/2024 13:46	1/19/2024 13:51	5	0
13912	1/19/2024 13:47	1/19/2024 15:01	74	0
8495802	1/19/2024 13:48	1/19/2024 14:30	42	0
624628	1/19/2024 13:49	1/19/2024 17:30	221	0
65245	1/19/2024 13:50	1/19/2024 14:55	65	0
926657	1/19/2024 13:50	1/19/2024 14:48	58	0
624953	1/19/2024 13:50	1/19/2024 16:59	189	0
859747	1/19/2024 13:50	1/19/2024 14:53	63	0
275018	1/19/2024 13:50	1/19/2024 14:27	37	0
1664433	1/19/2024 13:51	1/19/2024 14:22	31	0
449377	1/19/2024 13:51	1/19/2024 14:18	27	0
68620	1/19/2024 13:51	1/19/2024 14:22	31	0
67122	1/19/2024 13:51	1/19/2024 22:10	499	0
68308	1/19/2024 13:51	1/19/2024 16:23	152	0
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627289	1/19/2024 13:52	1/19/2024 18:46	294	0
574993	1/19/2024 13:52	1/19/2024 13:57	5	0
627018	1/19/2024 13:53	1/19/2024 18:11	258	0
860281	1/19/2024 13:53	1/19/2024 14:51	58	0
971524	1/19/2024 13:54	1/19/2024 14:41	47	0
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574993	1/19/2024 13:57	1/19/2024 14:08	11	0
26864	1/19/2024 13:58	1/19/2024 14:14	16	0
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23464	1/19/2024 13:59	1/20/2024 9:00	1140.92	0
34613	1/19/2024 14:01	1/20/2024 9:00	1138.92	0
281235	1/19/2024 14:04	1/19/2024 14:20	16	0
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8590289	1/19/2024 14:07	1/19/2024 14:39	32	0
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34905	1/19/2024 14:14	1/19/2024 14:30	16	0
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252859	1/19/2024 14:17	1/19/2024 14:32	15	0
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449036	1/19/2024 14:18	1/19/2024 14:33	15	0
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279833	1/19/2024 14:19	1/19/2024 14:35	16	0
49209	1/19/2024 14:19	1/19/2024 14:35	16	0
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274125	1/19/2024 14:20	1/19/2024 14:41	21	0
1556486	1/19/2024 14:20	1/19/2024 15:18	58	0
281235	1/19/2024 14:20	1/19/2024 14:52	32	0

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801004	1/19/2024 14:22	1/19/2024 14:38	16	0
507365	1/19/2024 14:22	1/19/2024 14:38	16	0
277818	1/19/2024 14:22	1/19/2024 15:36	74	0
274059	1/19/2024 14:22	1/19/2024 14:38	16	0
1664433	1/19/2024 14:22	1/19/2024 15:51	89	0
1556352	1/19/2024 14:22	1/19/2024 15:20	58	0
68620	1/19/2024 14:22	1/19/2024 14:33	11	0
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281332	1/19/2024 14:23	1/19/2024 14:39	16	0
574596	1/19/2024 14:24	1/19/2024 14:39	15	0
509233	1/19/2024 14:24	1/19/2024 14:39	15	0
276488	1/19/2024 14:24	1/19/2024 14:34	10	0
574993	1/19/2024 14:24	1/19/2024 14:29	5	0
511266	1/19/2024 14:24	1/19/2024 14:40	16	0
664453	1/19/2024 14:25	1/19/2024 14:41	16	0
510307	1/19/2024 14:25	1/19/2024 14:41	16	0
508593	1/19/2024 14:25	1/19/2024 14:41	16	0
800588	1/19/2024 14:26	1/19/2024 14:42	16	0
800590	1/19/2024 14:26	1/19/2024 14:42	16	0
800600	1/19/2024 14:26	1/19/2024 14:37	11	0
549596	1/19/2024 14:26	1/19/2024 14:58	32	0
275018	1/19/2024 14:27	1/19/2024 14:39	12	0
105666	1/19/2024 14:28	1/19/2024 14:39	11	0
658658	1/19/2024 14:28	1/19/2024 14:54	26	0
174362	1/19/2024 14:28	1/20/2024 9:00	1111.92	0
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29635	1/19/2024 14:28	1/19/2024 18:40	252	0
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1516579	1/19/2024 14:28	1/19/2024 14:38	10	0
457978	1/19/2024 14:29	1/19/2024 18:55	266	0
549617	1/19/2024 14:29	1/19/2024 14:55	26	0
26864	1/19/2024 14:29	1/19/2024 14:45	16	0
189581	1/19/2024 14:29	1/19/2024 14:45	16	0
23566	1/19/2024 14:29	1/19/2024 18:36	247	0
574993	1/19/2024 14:29	1/19/2024 14:39	10	0
457729	1/19/2024 14:30	1/19/2024 18:53	263	0
455994	1/19/2024 14:30	1/19/2024 14:46	16	0

8495802	1/19/2024 14:30	1/19/2024 19:13	283	0
34905	1/19/2024 14:30	1/19/2024 14:46	16	0
455345	1/19/2024 14:31	1/19/2024 17:09	158	0
1514004	1/19/2024 14:32	1/19/2024 14:47	15	0
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454901	1/19/2024 14:32	1/19/2024 14:53	21	0
47769	1/19/2024 14:33	1/19/2024 14:49	16	0
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68620	1/19/2024 14:33	1/19/2024 17:10	157	0
449377	1/19/2024 14:33	1/19/2024 14:38	5	0
1557303	1/19/2024 14:33	1/19/2024 17:53	200	0
1556243	1/19/2024 14:33	1/19/2024 14:48	15	0
449036	1/19/2024 14:33	1/19/2024 14:49	16	0
69207	1/19/2024 14:33	1/19/2024 19:01	268	0
563721	1/19/2024 14:33	1/19/2024 14:49	16	0
276488	1/19/2024 14:34	1/19/2024 16:35	121	0
1430644	1/19/2024 14:34	1/19/2024 19:07	273	0
1556246	1/19/2024 14:34	1/19/2024 14:49	15	0
1557676	1/19/2024 14:34	1/19/2024 14:50	16	0
1557188	1/19/2024 14:34	1/19/2024 17:03	149	0
280749	1/19/2024 14:34	1/19/2024 15:47	73	0
197883	1/19/2024 14:35	1/19/2024 15:59	84	0
197629	1/19/2024 14:35	1/19/2024 17:02	147	0
196408	1/19/2024 14:35	1/19/2024 16:04	89	0
197356	1/19/2024 14:35	1/19/2024 17:44	189	0
279833	1/19/2024 14:35	1/19/2024 17:28	173	0
49209	1/19/2024 14:35	1/19/2024 14:45	10	0
1554218	1/19/2024 14:36	1/19/2024 18:48	252	0
561672	1/19/2024 14:36	1/19/2024 14:46	10	0
1430838	1/19/2024 14:36	1/19/2024 16:47	131	0
1465882	1/19/2024 14:36	1/19/2024 14:52	16	0
196965	1/19/2024 14:36	1/19/2024 18:43	247	0
1465703	1/19/2024 14:37	1/19/2024 19:04	267	0
274522	1/19/2024 14:37	1/19/2024 18:54	257	0
800600	1/19/2024 14:37	1/19/2024 15:45	68	0
4173986	1/19/2024 14:37	1/19/2024 17:53	196	0
1466638	1/19/2024 14:37	1/20/2024 2:20	703	0
197561	1/19/2024 14:37	1/19/2024 16:01	84	0
1092960	1/19/2024 14:37	1/19/2024 15:14	37	0
507365	1/19/2024 14:38	1/19/2024 18:55	257	0
274059	1/19/2024 14:38	1/19/2024 21:57	439	0
506261	1/19/2024 14:38	1/19/2024 16:12	94	0
801004	1/19/2024 14:38	1/19/2024 17:10	152	0
21306	1/19/2024 14:38	1/19/2024 15:31	53	0
567126	1/19/2024 14:38	1/19/2024 17:36	178	0

8668965	1/19/2024 14:38	1/19/2024 16:18	100	0
280364	1/19/2024 14:38	1/19/2024 17:31	173	0
125572	1/19/2024 14:38	1/19/2024 18:55	257	0
510974	1/19/2024 14:38	1/19/2024 23:02	504	0
449377	1/19/2024 14:38	1/19/2024 14:47	9	0
1516579	1/19/2024 14:38	1/19/2024 14:44	6	0
275495	1/19/2024 14:38	1/19/2024 18:33	235	0
275018	1/19/2024 14:39	1/19/2024 18:16	217	0
105666	1/19/2024 14:39	1/20/2024 0:47	608	0
574596	1/19/2024 14:39	1/19/2024 17:59	200	0
509233	1/19/2024 14:39	1/19/2024 18:34	235	0
8590289	1/19/2024 14:39	1/19/2024 18:40	241	0
574993	1/19/2024 14:39	1/19/2024 14:45	6	0
8206792	1/19/2024 14:39	1/19/2024 18:46	247	0
560588	1/19/2024 14:39	1/19/2024 16:09	90	0
281332	1/19/2024 14:39	1/19/2024 19:01	262	0
1074779	1/19/2024 14:40	1/19/2024 16:09	89	0
1516786	1/19/2024 14:40	1/19/2024 18:00	200	0
10393495	1/19/2024 14:40	1/19/2024 16:40	120	0
564518	1/19/2024 14:40	1/19/2024 18:15	215	0
21820	1/19/2024 14:40	1/19/2024 18:56	256	0
511266	1/19/2024 14:40	1/19/2024 18:41	241	0
1093833	1/19/2024 14:40	1/19/2024 23:24	524	0
664453	1/19/2024 14:41	1/19/2024 18:48	247	0
971524	1/19/2024 14:41	1/20/2024 9:00	1098.78	0
274125	1/19/2024 14:41	1/19/2024 16:31	110	0
553863	1/19/2024 14:41	1/19/2024 16:05	84	0
510307	1/19/2024 14:41	1/19/2024 14:46	5	0
508593	1/19/2024 14:41	1/19/2024 16:20	99	0
800588	1/19/2024 14:42	1/19/2024 16:53	131	0
353651	1/19/2024 14:42	1/19/2024 16:27	105	0
1450250	1/19/2024 14:42	1/19/2024 17:25	163	0
1515733	1/19/2024 14:42	1/19/2024 18:11	209	0
800590	1/19/2024 14:42	1/19/2024 15:50	68	0
35442	1/19/2024 14:43	1/19/2024 17:28	165	0
590897	1/19/2024 14:43	1/19/2024 17:28	165	0
593798	1/19/2024 14:44	1/19/2024 18:35	231	0
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1516579	1/19/2024 14:44	1/19/2024 14:54	10	0
1064514	1/19/2024 14:44	1/19/2024 17:37	173	0
34832	1/19/2024 14:44	1/19/2024 18:24	220	0
34887	1/19/2024 14:45	1/19/2024 16:24	99	0
353371	1/19/2024 14:45	1/19/2024 17:33	168	0
593397	1/19/2024 14:45	1/19/2024 16:30	105	0
26864	1/19/2024 14:45	1/19/2024 18:36	231	0
574993	1/19/2024 14:45	1/19/2024 14:55	10	0
49209	1/19/2024 14:45	1/19/2024 18:57	252	0

583848	1/19/2024 14:45	1/19/2024 16:40	115	0
189581	1/19/2024 14:45	1/19/2024 18:57	252	0
6995795	1/19/2024 14:46	1/19/2024 14:56	10	0
1064575	1/19/2024 14:46	1/19/2024 18:26	220	0
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8434548	1/19/2024 14:48	1/19/2024 17:51	183	0
14605	1/19/2024 14:48	1/20/2024 9:00	1091.92	0
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645339	1/19/2024 14:53	1/19/2024 18:44	231	0
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1985687	1/19/2024 14:59	1/19/2024 15:04	5	0
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9313875	1/19/2024 15:05	1/19/2024 18:08	183	0
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1985687	1/19/2024 15:25	1/19/2024 15:30	5	0
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13912	1/19/2024 15:52	1/19/2024 16:01	9	0
447406	1/19/2024 15:52	1/19/2024 16:49	57	0
277818	1/19/2024 15:52	1/20/2024 9:00	1027.92	0
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315604	1/19/2024 15:53	1/20/2024 1:46	593	0
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346185	1/19/2024 15:54	1/20/2024 9:00	1025.92	0
954637	1/19/2024 15:56	1/20/2024 1:52	596	0
314564	1/19/2024 15:56	1/20/2024 8:54	1018	0
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195839	1/19/2024 16:04	1/19/2024 16:10	6	0
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318402	1/19/2024 16:09	1/20/2024 9:00	1010.92	0
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195839	1/19/2024 16:10	1/20/2024 2:08	598	0
197883	1/19/2024 16:10	1/20/2024 2:03	593	0
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1446401	1/19/2024 16:13	1/20/2024 9:00	1006.87	0
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8668965	1/19/2024 16:18	1/20/2024 9:00	1001.78	0
1469301	1/19/2024 16:18	1/20/2024 9:00	1001.87	0
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508593	1/19/2024 16:20	1/20/2024 9:00	999.78	0
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1664433	1/19/2024 16:23	1/19/2024 18:23	120	0
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574993	1/19/2024 16:25	1/19/2024 16:30	5	0
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643434	1/19/2024 16:25	1/19/2024 16:56	31	0
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353651	1/19/2024 16:27	1/19/2024 16:32	5	0
317233	1/19/2024 16:28	1/20/2024 2:09	581	0
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309944	1/19/2024 16:29	1/20/2024 9:00	990.92	0
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574993	1/19/2024 16:30	1/19/2024 16:40	10	0
274125	1/19/2024 16:31	1/20/2024 9:00	988.92	0
353651	1/19/2024 16:32	1/20/2024 2:27	595	0
498070	1/19/2024 16:33	1/20/2024 9:00	986.78	0
276488	1/19/2024 16:35	1/20/2024 9:00	984.92	0
7902724	1/19/2024 16:36	1/19/2024 18:36	120	0
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315345	1/19/2024 16:37	1/20/2024 9:00	982.92	0
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10393495	1/19/2024 16:40	1/20/2024 9:00	979.92	0
342796	1/19/2024 16:40	1/19/2024 16:45	5	0
574993	1/19/2024 16:40	1/19/2024 16:45	5	0
860281	1/19/2024 16:41	1/20/2024 9:00	978.88	0
10371746	1/19/2024 16:41	1/20/2024 9:00	978.78	0
574993	1/19/2024 16:45	1/19/2024 16:56	11	0
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997397	1/19/2024 16:47	1/20/2024 9:00	972.73	0

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447406	1/19/2024 16:49	1/20/2024 9:00	970.78	0
656343	1/19/2024 16:50	1/20/2024 9:00	969.88	0
1430553	1/19/2024 16:50	1/19/2024 18:08	78	0
315306	1/19/2024 16:50	1/20/2024 9:00	969.92	0
324290	1/19/2024 16:51	1/19/2024 16:56	5	0
326028	1/19/2024 16:52	1/19/2024 23:05	373	0
800588	1/19/2024 16:53	1/20/2024 9:00	966.88	0
324290	1/19/2024 16:56	1/19/2024 17:22	26	0
574993	1/19/2024 16:56	1/19/2024 17:01	5	0
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574993	1/19/2024 17:01	1/20/2024 9:00	958.78	0
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1547917	1/19/2024 17:02	1/20/2024 8:21	919	0
252922	1/19/2024 17:03	1/20/2024 9:00	956.92	0
1557188	1/19/2024 17:03	1/20/2024 9:00	956.87	0
350517	1/19/2024 17:04	1/20/2024 9:00	955.92	0
1556565	1/19/2024 17:04	1/20/2024 9:00	955.87	0
7518767	1/19/2024 17:05	1/20/2024 9:00	954.92	0
1469956	1/19/2024 17:05	1/19/2024 17:11	6	0
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346135	1/19/2024 17:08	1/20/2024 9:00	951.92	0
313954	1/19/2024 17:09	1/20/2024 8:54	945	0
455345	1/19/2024 17:09	1/20/2024 9:00	950.78	0
68620	1/19/2024 17:10	1/20/2024 9:00	949.92	0
801004	1/19/2024 17:10	1/20/2024 9:00	949.88	0
1557676	1/19/2024 17:11	1/20/2024 9:00	948.87	0
1469956	1/19/2024 17:11	1/20/2024 3:04	593	0
313269	1/19/2024 17:12	1/20/2024 9:00	947.92	0
27443	1/19/2024 17:12	1/20/2024 9:00	947.92	0
350406	1/19/2024 17:13	1/20/2024 9:00	946.92	0
30471	1/19/2024 17:14	1/20/2024 9:00	945.92	0
449377	1/19/2024 17:16	1/19/2024 17:58	42	0
23462	1/19/2024 17:17	1/20/2024 9:00	942.92	0
1583853	1/19/2024 17:17	1/20/2024 9:00	942.87	0
314163	1/19/2024 17:18	1/20/2024 8:57	939	0
808384	1/19/2024 17:18	1/20/2024 9:00	941.88	0

612440	1/19/2024 17:19	1/20/2024 9:00	940.78	0
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316630	1/19/2024 17:20	1/20/2024 8:39	919	0
251244	1/19/2024 17:20	1/20/2024 9:00	939.92	0
315616	1/19/2024 17:21	1/20/2024 8:40	919	0
1463218	1/19/2024 17:21	1/20/2024 9:00	938.87	0
324290	1/19/2024 17:22	1/19/2024 17:38	16	0
10371797	1/19/2024 17:22	1/20/2024 8:53	931	0
252859	1/19/2024 17:22	1/20/2024 9:00	937.92	0
1535575	1/19/2024 17:22	1/19/2024 17:59	37	0
560588	1/19/2024 17:22	1/20/2024 9:00	937.78	0
558800	1/19/2024 17:23	1/20/2024 9:00	936.78	0
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1535035	1/19/2024 17:24	1/19/2024 17:29	5	0
561349	1/19/2024 17:25	1/20/2024 9:00	934.78	0
903630	1/19/2024 17:25	1/20/2024 9:00	934.88	0
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561758	1/19/2024 17:28	1/20/2024 9:00	931.78	0
1509487	1/19/2024 17:28	1/20/2024 9:00	931.87	0
279833	1/19/2024 17:28	1/20/2024 9:00	931.92	0
590897	1/19/2024 17:28	1/20/2024 9:00	931.78	0
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588892	1/19/2024 17:30	1/20/2024 9:00	929.78	0
612938	1/19/2024 17:30	1/20/2024 9:00	929.78	0
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280364	1/19/2024 17:31	1/20/2024 9:00	928.92	0
1434359	1/19/2024 17:31	1/20/2024 9:00	928.87	0
353082	1/19/2024 17:32	1/20/2024 9:00	927.92	0
8104722	1/19/2024 17:33	1/20/2024 9:00	926.92	0
353371	1/19/2024 17:33	1/20/2024 9:00	926.92	0
1609415	1/19/2024 17:33	1/20/2024 3:27	594	0
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567126	1/19/2024 17:36	1/20/2024 9:00	923.78	0
1064514	1/19/2024 17:37	1/20/2024 9:00	922.73	0
593366	1/19/2024 17:37	1/20/2024 9:00	922.78	0
349467	1/19/2024 17:38	1/20/2024 9:00	921.92	0
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1610090	1/19/2024 17:38	1/20/2024 9:00	921.87	0
549259	1/19/2024 17:38	1/20/2024 9:00	921.78	0
381982	1/19/2024 17:39	1/20/2024 9:00	920.78	0

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315730	1/19/2024 17:40	1/20/2024 9:00	919.92	0
643812	1/19/2024 17:41	1/20/2024 9:00	918.78	0
251248	1/19/2024 17:41	1/20/2024 9:00	918.92	0
1430294	1/19/2024 17:41	1/20/2024 9:00	918.87	0
8511623	1/19/2024 17:42	1/20/2024 9:00	917.92	0
70866	1/19/2024 17:42	1/20/2024 9:00	917.92	0
1431804	1/19/2024 17:42	1/20/2024 9:00	917.87	0
308802	1/19/2024 17:42	1/20/2024 9:00	917.92	0
415949	1/19/2024 17:43	1/20/2024 9:00	916.78	0
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197356	1/19/2024 17:44	1/20/2024 9:00	915.92	0
188639	1/19/2024 17:47	1/20/2024 9:00	912.92	0
315169	1/19/2024 17:47	1/20/2024 9:00	912.92	0
418291	1/19/2024 17:49	1/20/2024 9:00	910.78	0
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957615	1/19/2024 17:50	1/20/2024 9:00	909.73	0
1521655	1/19/2024 17:50	1/20/2024 9:00	909.87	0
8434548	1/19/2024 17:51	1/20/2024 9:00	908.92	0
1520371	1/19/2024 17:51	1/20/2024 9:00	908.87	0
1556434	1/19/2024 17:51	1/20/2024 9:00	908.87	0
10628562	1/19/2024 17:52	1/19/2024 18:03	11	0
1535397	1/19/2024 17:52	1/20/2024 9:00	907.87	0
1524033	1/19/2024 17:53	1/20/2024 9:00	906.87	0
1557303	1/19/2024 17:53	1/20/2024 9:00	906.87	0
4173986	1/19/2024 17:53	1/20/2024 9:00	906.92	0
1439908	1/19/2024 17:53	1/20/2024 9:00	906.87	0
658658	1/19/2024 17:53	1/20/2024 9:00	906.88	0
1074779	1/19/2024 17:54	1/20/2024 9:00	905.78	0
1469850	1/19/2024 17:55	1/19/2024 18:11	16	0
6761269	1/19/2024 17:55	1/20/2024 9:00	904.92	0
562856	1/19/2024 17:57	1/20/2024 9:00	902.78	0
449377	1/19/2024 17:58	1/19/2024 18:56	58	0
574596	1/19/2024 17:59	1/20/2024 9:00	900.78	0
1535575	1/19/2024 17:59	1/19/2024 18:04	5	0
308622	1/19/2024 17:59	1/20/2024 9:00	900.92	0
562346	1/19/2024 18:00	1/20/2024 9:00	899.78	0
1516786	1/19/2024 18:00	1/20/2024 9:00	899.87	0
1511264	1/19/2024 18:01	1/20/2024 9:00	898.87	0
1453263	1/19/2024 18:01	1/20/2024 9:00	898.87	0
324249	1/19/2024 18:02	1/20/2024 9:00	897.92	0
10628562	1/19/2024 18:03	1/20/2024 3:56	593	0
991227	1/19/2024 18:04	1/20/2024 3:26	562	0
8148103	1/19/2024 18:04	1/20/2024 9:00	895.92	0
1535575	1/19/2024 18:04	1/20/2024 3:57	593	0
8486022	1/19/2024 18:06	1/20/2024 9:00	893.87	0
1535035	1/19/2024 18:06	1/20/2024 3:33	567	0

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1430553	1/19/2024 18:08	1/20/2024 8:21	853	0
9313875	1/19/2024 18:08	1/20/2024 9:00	891.87	0
1556243	1/19/2024 18:08	1/20/2024 9:00	891.87	0
314188	1/19/2024 18:09	1/20/2024 9:00	890.92	0
955448	1/19/2024 18:09	1/20/2024 9:00	890.73	0
547577	1/19/2024 18:11	1/20/2024 9:00	888.92	0
1469850	1/19/2024 18:11	1/20/2024 4:00	589	0
1515733	1/19/2024 18:11	1/20/2024 9:00	888.87	0
627018	1/19/2024 18:11	1/20/2024 9:00	888.78	0
345957	1/19/2024 18:12	1/20/2024 9:00	887.92	0
1466445	1/19/2024 18:13	1/19/2024 18:29	16	0
1465282	1/19/2024 18:13	1/19/2024 18:28	15	0
1462990	1/19/2024 18:15	1/20/2024 9:00	884.87	0
380057	1/19/2024 18:15	1/20/2024 9:00	884.78	0
564518	1/19/2024 18:15	1/20/2024 9:00	884.78	0
275018	1/19/2024 18:16	1/20/2024 9:00	883.92	0
8068454	1/19/2024 18:16	1/20/2024 9:00	883.78	0
989680	1/19/2024 18:17	1/19/2024 18:54	37	0
957216	1/19/2024 18:19	1/20/2024 9:00	880.73	0
803317	1/19/2024 18:20	1/20/2024 9:00	879.88	0
1464949	1/19/2024 18:22	1/20/2024 9:00	877.87	0
619266	1/19/2024 18:23	1/20/2024 9:00	876.78	0
1443586	1/19/2024 18:23	1/20/2024 4:21	598	0
1664433	1/19/2024 18:23	1/20/2024 9:00	876.88	0
1444966	1/19/2024 18:24	1/19/2024 18:45	21	0
34832	1/19/2024 18:24	1/20/2024 9:00	875.92	0
449036	1/19/2024 18:24	1/20/2024 9:00	875.78	0
312846	1/19/2024 18:25	1/20/2024 9:00	874.92	0
1064575	1/19/2024 18:26	1/20/2024 9:00	873.73	0
34905	1/19/2024 18:26	1/20/2024 9:00	873.92	0
642003	1/19/2024 18:26	1/20/2024 9:00	873.78	0
8495805	1/19/2024 18:27	1/20/2024 9:00	872.78	0
8605921	1/19/2024 18:27	1/20/2024 9:00	872.92	0
1465282	1/19/2024 18:28	1/20/2024 4:11	583	0
956968	1/19/2024 18:28	1/20/2024 8:12	824	0
1469866	1/19/2024 18:29	1/20/2024 9:00	870.87	0
1466445	1/19/2024 18:29	1/20/2024 4:14	585	0
275495	1/19/2024 18:33	1/20/2024 9:00	866.92	0
1465391	1/19/2024 18:33	1/20/2024 9:00	866.87	0
509233	1/19/2024 18:34	1/19/2024 20:35	121	0
342572	1/19/2024 18:34	1/20/2024 9:00	865.92	0
593798	1/19/2024 18:35	1/20/2024 9:00	864.78	0
1509486	1/19/2024 18:36	1/20/2024 9:00	863.87	0
7902724	1/19/2024 18:36	1/20/2024 8:47	851	0
26864	1/19/2024 18:36	1/20/2024 9:00	863.92	0
23566	1/19/2024 18:36	1/20/2024 9:00	863.92	0

1535304	1/19/2024 18:36	1/20/2024 9:00	863.87	0
859747	1/19/2024 18:39	1/20/2024 9:00	860.88	0
553755	1/19/2024 18:39	1/20/2024 9:00	860.78	0
28509	1/19/2024 18:40	1/20/2024 9:00	859.92	0
8590289	1/19/2024 18:40	1/20/2024 9:00	859.78	0
29635	1/19/2024 18:40	1/20/2024 9:00	859.92	0
160073	1/19/2024 18:41	1/20/2024 9:00	858.73	0
511266	1/19/2024 18:41	1/20/2024 9:00	858.78	0
383804	1/19/2024 18:41	1/20/2024 9:00	858.78	0
314945	1/19/2024 18:41	1/20/2024 9:00	858.92	0
501613	1/19/2024 18:42	1/20/2024 9:00	857.78	0
277301	1/19/2024 18:43	1/20/2024 9:00	856.92	0
196965	1/19/2024 18:43	1/20/2024 9:00	856.92	0
450309	1/19/2024 18:43	1/20/2024 9:00	856.78	0
810130	1/19/2024 18:43	1/20/2024 9:00	856.88	0
596493	1/19/2024 18:44	1/20/2024 9:00	855.78	0
645339	1/19/2024 18:44	1/20/2024 9:00	855.78	0
1683861	1/19/2024 18:44	1/20/2024 9:00	855.92	0
1437279	1/19/2024 18:45	1/20/2024 9:00	854.87	0
1444966	1/19/2024 18:45	1/20/2024 8:09	804	0
549617	1/19/2024 18:46	1/20/2024 9:00	853.78	0
8206792	1/19/2024 18:46	1/20/2024 9:00	853.87	0
627289	1/19/2024 18:46	1/20/2024 9:00	853.78	0
1459057	1/19/2024 18:46	1/20/2024 9:00	853.87	0
663228	1/19/2024 18:47	1/20/2024 9:00	852.88	0
9524954	1/19/2024 18:47	1/20/2024 9:00	852.87	0
8972545	1/19/2024 18:47	1/20/2024 9:00	852.78	0
29848	1/19/2024 18:47	1/20/2024 9:00	852.92	0
308032	1/19/2024 18:48	1/20/2024 9:00	851.92	0
1438807	1/19/2024 18:48	1/20/2024 9:00	851.87	0
664453	1/19/2024 18:48	1/20/2024 9:00	851.88	0
1554218	1/19/2024 18:48	1/20/2024 9:00	851.87	0
563415	1/19/2024 18:48	1/20/2024 9:00	851.78	0
1077082	1/19/2024 18:49	1/20/2024 9:00	850.78	0
1438878	1/19/2024 18:49	1/20/2024 9:00	850.87	0
751178	1/19/2024 18:51	1/20/2024 9:00	848.78	0
1566872	1/19/2024 18:51	1/20/2024 9:00	848.87	0
267537	1/19/2024 18:52	1/20/2024 9:00	847.92	0
1445317	1/19/2024 18:52	1/20/2024 7:57	785	0
454861	1/19/2024 18:52	1/20/2024 9:00	847.78	0
323657	1/19/2024 18:52	1/20/2024 9:00	847.92	0
1469270	1/19/2024 18:52	1/20/2024 7:55	783	0
658177	1/19/2024 18:52	1/20/2024 9:00	847.88	0
597560	1/19/2024 18:53	1/20/2024 9:00	846.78	0
457729	1/19/2024 18:53	1/20/2024 9:00	846.78	0
1430838	1/19/2024 18:53	1/20/2024 8:18	805	0
313731	1/19/2024 18:53	1/20/2024 8:53	840	0

1444809	1/19/2024 18:53	1/20/2024 7:55	782	0
344958	1/19/2024 18:53	1/20/2024 9:00	846.92	0
989680	1/19/2024 18:54	1/20/2024 8:02	788	0
563241	1/19/2024 18:54	1/20/2024 9:00	845.78	0
274522	1/19/2024 18:54	1/20/2024 9:00	845.92	0
1436742	1/19/2024 18:54	1/20/2024 8:49	835	0
1466357	1/19/2024 18:54	1/20/2024 9:00	845.87	0
457978	1/19/2024 18:55	1/20/2024 9:00	844.78	0
251189	1/19/2024 18:55	1/20/2024 9:00	844.92	0
125572	1/19/2024 18:55	1/20/2024 9:00	844.92	0
507365	1/19/2024 18:55	1/20/2024 9:00	844.78	0
452937	1/19/2024 18:56	1/20/2024 9:00	843.78	0
1564723	1/19/2024 18:56	1/20/2024 9:00	843.87	0
449377	1/19/2024 18:56	1/19/2024 19:32	36	0
21820	1/19/2024 18:56	1/20/2024 9:00	843.92	0
353728	1/19/2024 18:57	1/20/2024 9:00	842.92	0
314899	1/19/2024 18:57	1/20/2024 9:00	842.92	0
189581	1/19/2024 18:57	1/20/2024 9:00	842.92	0
1434316	1/19/2024 18:57	1/20/2024 9:00	842.87	0
49209	1/19/2024 18:57	1/20/2024 9:00	842.92	0
346288	1/19/2024 18:57	1/20/2024 9:00	842.92	0
523489	1/19/2024 18:58	1/20/2024 9:00	841.92	0
1565203	1/19/2024 18:58	1/20/2024 9:00	841.87	0
1521914	1/19/2024 18:59	1/20/2024 9:00	840.87	0
1556486	1/19/2024 18:59	1/20/2024 9:00	840.87	0
27483	1/19/2024 19:00	1/20/2024 9:00	839.92	0
1435531	1/19/2024 19:00	1/20/2024 9:00	839.87	0
1556352	1/19/2024 19:00	1/20/2024 9:00	839.87	0
1609222	1/19/2024 19:00	1/20/2024 8:50	830	0
319279	1/19/2024 19:00	1/20/2024 9:00	839.92	0
10510361	1/19/2024 19:00	1/20/2024 9:00	839.92	0
54324	1/19/2024 19:01	1/20/2024 9:00	838.92	0
281332	1/19/2024 19:01	1/20/2024 9:00	838.92	0
69207	1/19/2024 19:01	1/20/2024 9:00	838.92	0
56060	1/19/2024 19:02	1/20/2024 9:00	837.92	0
323747	1/19/2024 19:02	1/20/2024 9:00	837.92	0
346967	1/19/2024 19:02	1/20/2024 9:00	837.92	0
1548014	1/19/2024 19:03	1/20/2024 8:22	799	0
219948	1/19/2024 19:03	1/20/2024 9:00	836.92	0
1584264	1/19/2024 19:03	1/20/2024 9:00	836.87	0
455994	1/19/2024 19:04	1/20/2024 9:00	835.78	0
1465703	1/19/2024 19:04	1/20/2024 9:00	835.87	0
324045	1/19/2024 19:04	1/20/2024 9:00	835.92	0
1595351	1/19/2024 19:04	1/20/2024 8:49	825	0
1468500	1/19/2024 19:05	1/20/2024 9:00	834.87	0
1512146	1/19/2024 19:05	1/20/2024 9:00	834.87	0
7178975	1/19/2024 19:05	1/20/2024 9:00	834.92	0

25066	1/19/2024 19:06	1/20/2024 9:00	833.92	0
1430644	1/19/2024 19:07	1/20/2024 9:00	832.87	0
1609484	1/19/2024 19:09	1/20/2024 9:00	830.87	0
1609551	1/19/2024 19:09	1/20/2024 9:00	830.87	0
346347	1/19/2024 19:12	1/20/2024 9:00	827.92	0
8495802	1/19/2024 19:13	1/20/2024 9:00	826.87	0
449377	1/19/2024 19:32	1/19/2024 20:46	74	0
8387677	1/19/2024 19:36	1/20/2024 9:00	803.92	0
509233	1/19/2024 20:35	1/20/2024 9:00	744.78	0
449377	1/19/2024 20:46	1/19/2024 20:57	11	0
449377	1/19/2024 20:57	1/19/2024 21:07	10	0
449377	1/19/2024 21:07	1/19/2024 22:15	68	0
25674	1/19/2024 21:31	1/20/2024 9:00	688.92	0
6168330	1/19/2024 21:48	1/20/2024 9:00	671.92	0
274059	1/19/2024 21:57	1/20/2024 9:00	662.92	0
67122	1/19/2024 22:10	1/20/2024 9:00	649.92	0
449377	1/19/2024 22:15	1/19/2024 22:26	11	0
449377	1/19/2024 22:26	1/20/2024 0:00	94	0
510974	1/19/2024 23:02	1/20/2024 9:00	597.78	0
326028	1/19/2024 23:05	1/20/2024 3:53	288	0
1535026	1/19/2024 23:10	1/20/2024 8:06	536	0
573050	1/19/2024 23:15	1/20/2024 9:00	584.78	0
1093833	1/19/2024 23:24	1/20/2024 9:00	575.78	0
954332	1/19/2024 23:30	1/20/2024 9:00	569.73	0
1465882	1/19/2024 23:38	1/20/2024 9:00	561.87	0
449377	1/20/2024 0:00	1/20/2024 1:45	105	0
47769	1/20/2024 0:01	1/20/2024 9:00	538.92	0
105666	1/20/2024 0:47	1/20/2024 9:00	492.92	0
6995795	1/20/2024 0:58	1/20/2024 9:00	481.78	0
510307	1/20/2024 0:59	1/20/2024 9:00	480.78	0
563721	1/20/2024 1:02	1/20/2024 9:00	477.78	0
309265	1/20/2024 1:08	1/20/2024 9:00	471.92	0
347230	1/20/2024 1:10	1/20/2024 8:00	410	0
995564	1/20/2024 1:25	1/20/2024 9:00	454.73	0
317195	1/20/2024 1:32	1/20/2024 9:00	447.92	0
315346	1/20/2024 1:38	1/20/2024 9:00	441.92	0
449377	1/20/2024 1:45	1/20/2024 2:26	41	0
315604	1/20/2024 1:46	1/20/2024 8:57	431	0
1654064	1/20/2024 1:48	1/20/2024 9:00	431.73	0
13912	1/20/2024 1:51	1/20/2024 9:00	428.92	0
954637	1/20/2024 1:52	1/20/2024 9:00	427.73	0
197690	1/20/2024 2:00	1/20/2024 9:00	419.92	0
196408	1/20/2024 2:03	1/20/2024 9:00	416.92	0
197883	1/20/2024 2:03	1/20/2024 9:00	416.92	0
317797	1/20/2024 2:07	1/20/2024 9:00	412.92	0
195839	1/20/2024 2:08	1/20/2024 9:00	411.92	0
317233	1/20/2024 2:09	1/20/2024 9:00	410.92	0

644030	1/20/2024 2:13	1/20/2024 9:00	406.78	0
350346	1/20/2024 2:15	1/20/2024 9:00	404.92	0
1466638	1/20/2024 2:20	1/20/2024 8:23	363	0
449377	1/20/2024 2:26	1/20/2024 2:32	6	0
353651	1/20/2024 2:27	1/20/2024 9:00	392.92	0
449377	1/20/2024 2:32	1/20/2024 2:58	26	0
325050	1/20/2024 2:34	1/20/2024 9:00	385.92	0
342796	1/20/2024 2:39	1/20/2024 9:00	380.92	0
324290	1/20/2024 2:54	1/20/2024 9:00	365.92	0
548347	1/20/2024 2:55	1/20/2024 9:00	364.78	0
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1469956	1/20/2024 3:04	1/20/2024 7:58	294	0
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1535035	1/20/2024 3:33	1/20/2024 8:06	273	0
326028	1/20/2024 3:53	1/20/2024 9:00	306.92	0
10628562	1/20/2024 3:56	1/20/2024 9:00	303.87	0
1535575	1/20/2024 3:57	1/20/2024 8:04	247	0
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1680798	1/20/2024 4:00	1/20/2024 7:56	236	0
1465282	1/20/2024 4:11	1/20/2024 9:00	288.87	0
1466445	1/20/2024 4:14	1/20/2024 9:00	285.87	0
1443586	1/20/2024 4:21	1/20/2024 7:52	211	0
808829	1/20/2024 4:29	1/20/2024 9:00	270.88	0
449377	1/20/2024 4:59	1/20/2024 5:46	47	0
449377	1/20/2024 5:46	1/20/2024 6:29	43	0
449377	1/20/2024 6:29	1/20/2024 7:21	52	0
449377	1/20/2024 7:21	1/20/2024 8:19	58	0
1443586	1/20/2024 7:52	1/20/2024 9:00	67.87	0
1444809	1/20/2024 7:55	1/20/2024 9:00	64.87	0
975066	1/20/2024 7:55	1/20/2024 9:00	64.73	0
1469270	1/20/2024 7:55	1/20/2024 9:00	64.87	0
1469850	1/20/2024 7:56	1/20/2024 9:00	63.87	0
1680798	1/20/2024 7:56	1/20/2024 9:00	63.92	0
1445317	1/20/2024 7:57	1/20/2024 9:00	62.87	0
1469956	1/20/2024 7:58	1/20/2024 9:00	61.87	0
347230	1/20/2024 8:00	1/20/2024 9:00	59.92	0
989680	1/20/2024 8:02	1/20/2024 9:00	57.73	0
48217	1/20/2024 8:03	1/20/2024 9:00	56.92	0
991227	1/20/2024 8:04	1/20/2024 9:00	55.73	0
1535575	1/20/2024 8:04	1/20/2024 9:00	55.87	0
1535035	1/20/2024 8:06	1/20/2024 9:00	53.87	0
1535026	1/20/2024 8:06	1/20/2024 9:00	53.87	0
1444966	1/20/2024 8:09	1/20/2024 9:00	50.87	0
1546138	1/20/2024 8:11	1/20/2024 9:00	48.87	0
956968	1/20/2024 8:12	1/20/2024 9:00	47.73	0

1430838	1/20/2024 8:18	1/20/2024 9:00	41.87	0
449377	1/20/2024 8:19	1/20/2024 8:56	37	0
1430553	1/20/2024 8:21	1/20/2024 9:00	38.87	0
1547917	1/20/2024 8:21	1/20/2024 9:00	38.87	0
1548014	1/20/2024 8:22	1/20/2024 9:00	37.87	0
1466638	1/20/2024 8:23	1/20/2024 9:00	36.87	0
316630	1/20/2024 8:39	1/20/2024 9:00	20.92	0
315616	1/20/2024 8:40	1/20/2024 9:00	19.92	0
7902724	1/20/2024 8:47	1/20/2024 9:00	12.92	0
1595351	1/20/2024 8:49	1/20/2024 9:00	10.87	0
1436742	1/20/2024 8:49	1/20/2024 9:00	10.87	0
1609222	1/20/2024 8:50	1/20/2024 9:00	9.87	0
315380	1/20/2024 8:52	1/20/2024 9:00	7.92	0
313731	1/20/2024 8:53	1/20/2024 9:00	6.92	0
10371797	1/20/2024 8:53	1/20/2024 9:00	6.92	0
313954	1/20/2024 8:54	1/20/2024 9:00	5.92	0
314564	1/20/2024 8:54	1/20/2024 9:00	5.92	0
315752	1/20/2024 8:55	1/20/2024 9:00	4.92	0
449377	1/20/2024 8:56	1/20/2024 9:00	3.78	0
314163	1/20/2024 8:57	1/20/2024 9:00	2.92	0
315604	1/20/2024 8:57	1/20/2024 9:00	2.92	0
1567316	1/20/2024 8:59	1/20/2024 9:00	0.87	0
447406	1/20/2024 9:00	1/21/2024 9:00	1439.78	0
8605921	1/20/2024 9:00	1/20/2024 10:59	119	0
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6761269	1/20/2024 9:00	1/20/2024 10:12	72	0
315346	1/20/2024 9:00	1/21/2024 9:00	1439.92	0
195839	1/20/2024 9:00	1/20/2024 14:23	323	0
8668965	1/20/2024 9:00	1/21/2024 9:00	1439.78	0
280780	1/20/2024 9:00	1/21/2024 9:00	1439.92	0
8766703	1/20/2024 9:00	1/21/2024 9:00	1439.73	0
1444966	1/20/2024 9:00	1/20/2024 18:58	598	0
1985687	1/20/2024 9:00	1/20/2024 11:27	147	0
1469301	1/20/2024 9:00	1/21/2024 9:00	1439.87	0
8206792	1/20/2024 9:00	1/20/2024 11:23	143	0
1516579	1/20/2024 9:00	1/21/2024 9:00	1439.87	0
1453263	1/20/2024 9:00	1/20/2024 14:40	340	0
195216	1/20/2024 9:00	1/21/2024 9:00	1439.92	0
1513541	1/20/2024 9:00	1/21/2024 9:00	1439.87	0
1436742	1/20/2024 9:00	1/20/2024 19:08	608	0
1516786	1/20/2024 9:00	1/21/2024 9:00	1439.87	0
1552447	1/20/2024 9:00	1/21/2024 9:00	1439.87	0
1671958	1/20/2024 9:00	1/21/2024 9:00	1439.78	0
562202	1/20/2024 9:00	1/21/2024 9:00	1439.78	0
675499	1/20/2024 9:00	1/20/2024 11:02	122	0
353728	1/20/2024 9:00	1/21/2024 9:00	1439.92	0
772378	1/20/2024 9:01	1/20/2024 18:07	546	0

4173986	1/20/2024 9:01	1/20/2024 18:02	541	0
817825	1/20/2024 9:04	1/21/2024 9:00	1435.88	0
847038	1/20/2024 9:07	1/20/2024 11:34	147	0
574993	1/20/2024 9:07	1/20/2024 13:35	268	0
314163	1/20/2024 9:08	1/20/2024 18:03	535	0
554089	1/20/2024 9:08	1/21/2024 9:00	1431.78	0
1552990	1/20/2024 9:08	1/21/2024 9:00	1431.87	0
315380	1/20/2024 9:08	1/20/2024 18:14	546	0
509233	1/20/2024 9:08	1/21/2024 9:00	1431.78	0
319279	1/20/2024 9:08	1/21/2024 9:00	1431.92	0
1444809	1/20/2024 9:09	1/20/2024 19:02	593	0
10371797	1/20/2024 9:09	1/20/2024 18:05	536	0
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313731	1/20/2024 9:09	1/20/2024 19:08	599	0
1469850	1/20/2024 9:09	1/20/2024 18:47	578	0
1450250	1/20/2024 9:10	1/20/2024 11:26	136	0
313954	1/20/2024 9:10	1/20/2024 18:52	582	0
1443586	1/20/2024 9:10	1/20/2024 18:32	562	0
314564	1/20/2024 9:10	1/20/2024 18:05	535	0
1466638	1/20/2024 9:10	1/20/2024 17:00	470	0
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315604	1/20/2024 9:12	1/20/2024 17:31	499	0
1469956	1/20/2024 9:12	1/21/2024 3:12	1080	0
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1469270	1/20/2024 9:13	1/20/2024 19:01	588	0
975066	1/20/2024 9:13	1/20/2024 18:56	583	0
347230	1/20/2024 9:14	1/21/2024 3:12	1078	0
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1595351	1/20/2024 9:15	1/20/2024 19:03	588	0
1680798	1/20/2024 9:15	1/20/2024 18:37	562	0
1513363	1/20/2024 9:15	1/20/2024 19:03	588	0
956968	1/20/2024 9:16	1/20/2024 18:48	572	0
1430838	1/20/2024 9:16	1/20/2024 14:36	320	0
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328113	1/20/2024 9:17	1/20/2024 10:15	58	0
1430553	1/20/2024 9:18	1/20/2024 14:36	318	0
349467	1/20/2024 9:18	1/20/2024 10:47	89	0
1535026	1/20/2024 9:19	1/21/2024 4:23	1144	0
11467920	1/20/2024 9:19	1/20/2024 19:09	590	0
1535035	1/20/2024 9:19	1/20/2024 18:09	530	0
1535575	1/20/2024 9:23	1/20/2024 18:23	540	0
11120838	1/20/2024 9:23	1/20/2024 18:08	525	0
1465703	1/20/2024 9:25	1/20/2024 19:08	583	0
312846	1/20/2024 9:25	1/20/2024 19:08	583	0
1512146	1/20/2024 9:26	1/20/2024 10:08	42	0
316630	1/20/2024 9:26	1/20/2024 18:00	514	0
315616	1/20/2024 9:27	1/20/2024 18:39	552	0

887599	1/20/2024 9:28	1/20/2024 18:15	527	0
1654064	1/20/2024 9:30	1/20/2024 10:44	74	0
1609484	1/20/2024 9:30	1/20/2024 15:33	363	0
350346	1/20/2024 9:31	1/20/2024 17:39	488	0
350517	1/20/2024 9:31	1/20/2024 18:22	531	0
10628562	1/20/2024 9:32	1/20/2024 14:47	315	0
1609415	1/20/2024 9:32	1/20/2024 14:47	315	0
10393495	1/20/2024 9:33	1/20/2024 17:56	503	0
991227	1/20/2024 9:33	1/20/2024 18:08	515	0
1513398	1/20/2024 9:33	1/20/2024 17:31	478	0
313881	1/20/2024 9:33	1/20/2024 14:17	284	0
1609551	1/20/2024 9:33	1/20/2024 14:47	314	0
7902724	1/20/2024 9:34	1/20/2024 14:18	284	0
501613	1/20/2024 9:34	1/20/2024 19:06	572	0
573050	1/20/2024 9:34	1/20/2024 11:51	137	0
275018	1/20/2024 9:35	1/20/2024 17:33	478	0
350406	1/20/2024 9:35	1/20/2024 18:19	524	0
313482	1/20/2024 9:35	1/20/2024 14:19	284	0
1438878	1/20/2024 9:36	1/20/2024 18:58	562	0
989680	1/20/2024 9:36	1/20/2024 19:04	568	0
313720	1/20/2024 9:36	1/20/2024 14:19	283	0
1438807	1/20/2024 9:36	1/20/2024 19:08	572	0
324249	1/20/2024 9:37	1/20/2024 11:37	120	0
1437279	1/20/2024 9:37	1/20/2024 19:04	567	0
1437276	1/20/2024 9:37	1/20/2024 17:24	467	0
323747	1/20/2024 9:38	1/20/2024 11:39	121	0
1439908	1/20/2024 9:38	1/20/2024 19:00	562	0
323657	1/20/2024 9:39	1/20/2024 11:35	116	0
1466445	1/20/2024 9:40	1/20/2024 18:25	525	0
810130	1/20/2024 9:40	1/20/2024 11:41	121	0
808384	1/20/2024 9:41	1/20/2024 11:41	120	0
1465282	1/20/2024 9:42	1/20/2024 18:22	520	0
1465391	1/20/2024 9:42	1/20/2024 19:09	567	0
418291	1/20/2024 9:45	1/20/2024 18:35	530	0
251244	1/20/2024 9:47	1/20/2024 14:46	299	0
251248	1/20/2024 9:47	1/20/2024 14:49	302	0
1463218	1/20/2024 9:48	1/20/2024 16:53	425	0
251189	1/20/2024 9:48	1/20/2024 14:47	299	0
1462990	1/20/2024 9:49	1/20/2024 18:24	515	0
751178	1/20/2024 9:49	1/20/2024 19:16	567	0
642003	1/20/2024 9:50	1/20/2024 18:56	546	0
1434316	1/20/2024 9:50	1/20/2024 19:12	562	0
498070	1/20/2024 9:52	1/20/2024 17:12	440	0
500173	1/20/2024 9:52	1/20/2024 18:31	519	0
455994	1/20/2024 9:52	1/20/2024 19:19	567	0
313011	1/20/2024 9:53	1/20/2024 18:38	525	0
1434359	1/20/2024 9:53	1/20/2024 16:53	420	0

1464949	1/20/2024 9:54	1/20/2024 19:15	561	0
1516739	1/20/2024 9:56	1/20/2024 11:41	105	0
952445	1/20/2024 9:57	1/20/2024 18:11	494	0
956559	1/20/2024 9:58	1/20/2024 16:40	402	0
958395	1/20/2024 9:59	1/20/2024 12:47	168	0
817260	1/20/2024 10:00	1/20/2024 19:17	557	0
956579	1/20/2024 10:00	1/20/2024 19:06	546	0
1554218	1/20/2024 10:02	1/20/2024 16:36	394	0
1513911	1/20/2024 10:02	1/20/2024 18:36	514	0
1251782	1/20/2024 10:02	1/20/2024 19:19	557	0
8972545	1/20/2024 10:03	1/20/2024 18:56	533	0
590897	1/20/2024 10:03	1/20/2024 18:58	535	0
1557303	1/20/2024 10:04	1/20/2024 16:33	389	0
1513959	1/20/2024 10:04	1/20/2024 18:38	514	0
1539621	1/20/2024 10:05	1/20/2024 18:13	488	0
1557188	1/20/2024 10:05	1/20/2024 16:33	388	0
54324	1/20/2024 10:05	1/20/2024 14:16	251	0
1546321	1/20/2024 10:05	1/20/2024 19:11	546	0
1610090	1/20/2024 10:06	1/20/2024 17:58	472	0
197883	1/20/2024 10:06	1/20/2024 11:35	89	0
196408	1/20/2024 10:06	1/20/2024 11:35	89	0
197629	1/20/2024 10:06	1/20/2024 11:35	89	0
56060	1/20/2024 10:06	1/20/2024 14:17	251	0
1077082	1/20/2024 10:08	1/20/2024 19:09	541	0
1512146	1/20/2024 10:08	1/20/2024 18:58	530	0
1467272	1/20/2024 10:09	1/20/2024 15:45	336	0
380057	1/20/2024 10:10	1/20/2024 18:53	523	0
346288	1/20/2024 10:10	1/20/2024 19:11	541	0
342796	1/20/2024 10:10	1/20/2024 17:26	436	0
1509486	1/20/2024 10:10	1/20/2024 18:34	504	0
6961293	1/20/2024 10:11	1/20/2024 10:27	16	0
7879030	1/20/2024 10:11	1/20/2024 17:29	438	0
1509487	1/20/2024 10:11	1/20/2024 18:24	493	0
1463680	1/20/2024 10:11	1/20/2024 15:42	331	0
6995795	1/20/2024 10:11	1/20/2024 17:33	442	0
381982	1/20/2024 10:11	1/20/2024 18:54	523	0
8910809	1/20/2024 10:11	1/20/2024 17:33	442	0
808829	1/20/2024 10:11	1/20/2024 11:46	95	0
321310	1/20/2024 10:11	1/20/2024 17:27	436	0
6761269	1/20/2024 10:12	1/20/2024 18:57	525	0
346135	1/20/2024 10:12	1/20/2024 17:54	462	0
345957	1/20/2024 10:13	1/20/2024 18:52	519	0
345647	1/20/2024 10:13	1/20/2024 17:50	457	0
547577	1/20/2024 10:13	1/20/2024 19:13	540	0
328113	1/20/2024 10:15	1/20/2024 10:46	31	0
346347	1/20/2024 10:15	1/20/2024 19:16	541	0
346967	1/20/2024 10:15	1/20/2024 19:00	525	0

160073	1/20/2024 10:16	1/20/2024 18:29	493	0
997397	1/20/2024 10:17	1/20/2024 18:04	467	0
995564	1/20/2024 10:17	1/20/2024 17:23	426	0
1582130	1/20/2024 10:18	1/20/2024 11:33	75	0
250996	1/20/2024 10:18	1/20/2024 14:48	270	0
1430294	1/20/2024 10:18	1/20/2024 14:36	258	0
49209	1/20/2024 10:19	1/20/2024 14:15	236	0
1683861	1/20/2024 10:19	1/20/2024 14:21	242	0
1584687	1/20/2024 10:20	1/20/2024 11:34	74	0
47769	1/20/2024 10:20	1/20/2024 14:16	236	0
1430644	1/20/2024 10:21	1/20/2024 14:33	252	0
644030	1/20/2024 10:21	1/20/2024 18:19	478	0
643434	1/20/2024 10:21	1/20/2024 18:20	479	0
274125	1/20/2024 10:22	1/20/2024 17:12	410	0
8495805	1/20/2024 10:22	1/20/2024 19:23	541	0
274059	1/20/2024 10:23	1/20/2024 18:45	502	0
1664433	1/20/2024 10:24	1/20/2024 11:06	42	0
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197629	1/20/2024 11:35	1/20/2024 11:51	16	0
344641	1/20/2024 11:35	1/20/2024 17:32	357	0
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859747	1/20/2024 11:37	1/20/2024 11:53	16	0
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810130	1/20/2024 11:41	1/20/2024 12:28	47	0
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1019446	1/20/2024 12:15	1/20/2024 14:32	137	0
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324045	1/20/2024 12:23	1/20/2024 14:24	121	0
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810130	1/20/2024 12:28	1/20/2024 13:58	90	0
808384	1/20/2024 12:28	1/20/2024 13:57	89	0
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328113	1/20/2024 13:03	1/20/2024 14:48	105	0
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449377	1/20/2024 13:08	1/20/2024 13:50	42	0

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325050	1/20/2024 14:07	1/20/2024 14:22	15	0
323657	1/20/2024 14:07	1/20/2024 14:39	32	0
1516739	1/20/2024 14:08	1/20/2024 18:15	247	0
324249	1/20/2024 14:09	1/20/2024 14:41	32	0
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808829	1/20/2024 14:12	1/20/2024 14:28	16	0
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197629	1/20/2024 14:23	1/20/2024 14:44	21	0
196408	1/20/2024 14:23	1/20/2024 14:39	16	0
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197690	1/20/2024 14:27	1/20/2024 14:37	10	0
808829	1/20/2024 14:28	1/20/2024 14:44	16	0
664453	1/20/2024 14:28	1/20/2024 19:07	279	0
808384	1/20/2024 14:29	1/20/2024 14:45	16	0
810130	1/20/2024 14:29	1/20/2024 14:45	16	0
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49209	1/20/2024 14:31	1/20/2024 15:02	31	0
47769	1/20/2024 14:32	1/20/2024 15:03	31	0
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313881	1/20/2024 14:33	1/20/2024 17:57	204	0
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56060	1/20/2024 14:34	1/20/2024 14:49	15	0
926657	1/20/2024 14:34	1/20/2024 14:50	16	0
313720	1/20/2024 14:35	1/20/2024 19:08	273	0
1624452	1/20/2024 14:35	1/20/2024 14:46	11	0
313482	1/20/2024 14:35	1/20/2024 18:52	257	0
1430553	1/20/2024 14:36	1/20/2024 14:46	10	0
1683861	1/20/2024 14:36	1/20/2024 19:04	268	0
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1430838	1/20/2024 14:36	1/20/2024 14:47	11	0
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800588	1/20/2024 14:38	1/20/2024 17:37	179	0
196408	1/20/2024 14:39	1/20/2024 15:57	78	0
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324045	1/20/2024 14:40	1/20/2024 19:07	267	0
800600	1/20/2024 14:40	1/20/2024 17:33	173	0
800590	1/20/2024 14:40	1/20/2024 17:34	174	0
1453263	1/20/2024 14:40	1/20/2024 17:44	184	0
324249	1/20/2024 14:41	1/20/2024 19:14	273	0
8524544	1/20/2024 14:42	1/20/2024 17:51	189	0
658658	1/20/2024 14:42	1/20/2024 18:02	200	0
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1019446	1/20/2024 14:42	1/20/2024 14:59	17	0
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955448	1/20/2024 14:43	1/20/2024 19:00	257	0
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197629	1/20/2024 14:44	1/20/2024 18:14	210	0
957615	1/20/2024 14:44	1/20/2024 18:15	211	0
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314188	1/20/2024 14:48	1/20/2024 19:15	267	0
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1597556	1/20/2024 15:05	1/20/2024 17:32	147	0
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454901	1/20/2024 16:19	1/20/2024 17:53	94	0
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311322	1/20/2024 16:19	1/20/2024 18:46	147	0
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455345	1/20/2024 16:22	1/20/2024 19:04	162	0
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1624452	1/20/2024 16:26	1/21/2024 9:00	993.87	0
958395	1/20/2024 16:27	1/20/2024 22:46	379	0
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47769	1/20/2024 17:04	1/21/2024 9:00	955.92	0
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996011	1/20/2024 17:06	1/20/2024 18:36	90	0
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1609415	1/20/2024 17:17	1/21/2024 9:00	942.87	0
449377	1/20/2024 17:20	1/20/2024 18:07	47	0
563721	1/20/2024 17:20	1/21/2024 9:00	939.78	0
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860281	1/20/2024 17:22	1/21/2024 9:00	937.88	0
1567514	1/20/2024 17:23	1/21/2024 9:00	936.87	0
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995564	1/20/2024 17:23	1/21/2024 9:00	936.73	0
1437276	1/20/2024 17:24	1/20/2024 18:06	42	0
328113	1/20/2024 17:25	1/21/2024 9:00	934.92	0
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321310	1/20/2024 17:27	1/21/2024 9:00	932.92	0
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315604	1/20/2024 17:31	1/21/2024 9:00	928.92	0
1513398	1/20/2024 17:31	1/21/2024 9:00	928.87	0
1597556	1/20/2024 17:32	1/21/2024 9:00	927.87	0
344641	1/20/2024 17:32	1/21/2024 9:00	927.92	0
6995795	1/20/2024 17:33	1/21/2024 9:00	926.78	0
275018	1/20/2024 17:33	1/21/2024 9:00	926.92	0
800600	1/20/2024 17:33	1/21/2024 9:00	926.88	0
8910809	1/20/2024 17:33	1/21/2024 9:00	926.78	0
800590	1/20/2024 17:34	1/21/2024 9:00	925.88	0
656343	1/20/2024 17:34	1/21/2024 9:00	925.88	0
7194273	1/20/2024 17:34	1/21/2024 9:00	925.87	0
800588	1/20/2024 17:37	1/21/2024 9:00	922.88	0
324290	1/20/2024 17:37	1/20/2024 18:08	31	0
350346	1/20/2024 17:39	1/21/2024 9:00	920.92	0
872542	1/20/2024 17:39	1/21/2024 9:00	920.88	0
197690	1/20/2024 17:41	1/21/2024 9:00	918.92	0

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675499	1/20/2024 17:42	1/21/2024 9:00	917.88	0
6961293	1/20/2024 17:42	1/21/2024 9:00	917.92	0
548347	1/20/2024 17:42	1/21/2024 9:00	917.78	0
346185	1/20/2024 17:43	1/21/2024 9:00	916.92	0
1591422	1/20/2024 17:43	1/20/2024 18:14	31	0
188639	1/20/2024 17:43	1/21/2024 9:00	916.92	0
1453263	1/20/2024 17:44	1/21/2024 9:00	915.87	0
524306	1/20/2024 17:45	1/21/2024 9:00	914.92	0
315752	1/20/2024 17:45	1/21/2024 9:00	914.92	0
801004	1/20/2024 17:46	1/21/2024 9:00	913.88	0
455629	1/20/2024 17:46	1/21/2024 9:00	913.78	0
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345647	1/20/2024 17:50	1/21/2024 9:00	909.92	0
315169	1/20/2024 17:51	1/21/2024 9:00	908.92	0
8524544	1/20/2024 17:51	1/21/2024 9:00	908.92	0
454901	1/20/2024 17:53	1/21/2024 9:00	906.78	0
346135	1/20/2024 17:54	1/21/2024 9:00	905.92	0
10393495	1/20/2024 17:56	1/21/2024 9:00	903.92	0
1599209	1/20/2024 17:56	1/21/2024 9:00	903.87	0
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313881	1/20/2024 17:57	1/21/2024 9:00	902.92	0
1610090	1/20/2024 17:58	1/21/2024 9:00	901.87	0
252922	1/20/2024 17:59	1/21/2024 9:00	900.92	0
926657	1/20/2024 17:59	1/21/2024 9:00	900.88	0
21306	1/20/2024 17:59	1/21/2024 9:00	900.92	0
279833	1/20/2024 18:00	1/21/2024 9:00	899.92	0
1430294	1/20/2024 18:00	1/21/2024 9:00	899.87	0
316630	1/20/2024 18:00	1/21/2024 9:00	899.92	0
275495	1/20/2024 18:00	1/21/2024 9:00	899.92	0
10628562	1/20/2024 18:01	1/21/2024 9:00	898.87	0
524184	1/20/2024 18:01	1/21/2024 9:00	898.92	0
658658	1/20/2024 18:02	1/21/2024 9:00	897.88	0
4173986	1/20/2024 18:02	1/21/2024 9:00	897.92	0
1584687	1/20/2024 18:02	1/21/2024 9:00	897.87	0
313269	1/20/2024 18:03	1/21/2024 9:00	896.92	0
276488	1/20/2024 18:03	1/21/2024 9:00	896.92	0
314163	1/20/2024 18:03	1/21/2024 9:00	896.92	0
997397	1/20/2024 18:04	1/21/2024 9:00	895.73	0
808384	1/20/2024 18:04	1/21/2024 9:00	895.88	0
1567316	1/20/2024 18:05	1/21/2024 8:15	850	0
251244	1/20/2024 18:05	1/21/2024 9:00	894.92	0
314564	1/20/2024 18:05	1/21/2024 9:00	894.92	0
10371797	1/20/2024 18:05	1/21/2024 9:00	894.92	0
1437276	1/20/2024 18:06	1/21/2024 3:23	557	0
772378	1/20/2024 18:07	1/21/2024 9:00	892.78	0

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991227	1/20/2024 18:08	1/20/2024 18:18	10	0
11120838	1/20/2024 18:08	1/21/2024 9:00	891.92	0
324290	1/20/2024 18:08	1/21/2024 3:40	572	0
1535035	1/20/2024 18:09	1/20/2024 18:20	11	0
1064575	1/20/2024 18:09	1/21/2024 9:00	890.73	0
1075503	1/20/2024 18:09	1/21/2024 9:00	890.78	0
952445	1/20/2024 18:11	1/21/2024 9:00	888.73	0
1539621	1/20/2024 18:13	1/21/2024 9:00	886.87	0
535845	1/20/2024 18:13	1/21/2024 9:00	886.92	0
1591422	1/20/2024 18:14	1/21/2024 3:45	571	0
315380	1/20/2024 18:14	1/21/2024 9:00	885.92	0
584640	1/20/2024 18:14	1/21/2024 9:00	885.78	0
197629	1/20/2024 18:14	1/21/2024 9:00	885.92	0
197883	1/20/2024 18:14	1/21/2024 9:00	885.92	0
237177	1/20/2024 18:15	1/21/2024 9:00	884.92	0
957615	1/20/2024 18:15	1/21/2024 9:00	884.73	0
887599	1/20/2024 18:15	1/21/2024 9:00	884.88	0
1516739	1/20/2024 18:15	1/21/2024 9:00	884.87	0
1511264	1/20/2024 18:15	1/21/2024 9:00	884.87	0
852071	1/20/2024 18:16	1/21/2024 9:00	883.88	0
612440	1/20/2024 18:16	1/21/2024 9:00	883.78	0
988954	1/20/2024 18:17	1/21/2024 9:00	882.73	0
1431804	1/20/2024 18:18	1/21/2024 9:00	881.87	0
991227	1/20/2024 18:18	1/21/2024 4:08	590	0
245069	1/20/2024 18:18	1/21/2024 9:00	881.92	0
1514000	1/20/2024 18:19	1/21/2024 9:00	880.87	0
350406	1/20/2024 18:19	1/21/2024 9:00	880.92	0
644030	1/20/2024 18:19	1/21/2024 9:00	880.78	0
643434	1/20/2024 18:20	1/21/2024 9:00	879.78	0
68620	1/20/2024 18:20	1/21/2024 9:00	879.92	0
51957	1/20/2024 18:20	1/21/2024 9:00	879.92	0
1535035	1/20/2024 18:20	1/21/2024 4:08	588	0
70866	1/20/2024 18:21	1/21/2024 9:00	878.92	0
1556434	1/20/2024 18:21	1/21/2024 9:00	878.87	0
197561	1/20/2024 18:21	1/21/2024 9:00	878.92	0
350517	1/20/2024 18:22	1/21/2024 9:00	877.92	0
7518767	1/20/2024 18:22	1/21/2024 9:00	877.92	0
643812	1/20/2024 18:22	1/21/2024 9:00	877.78	0
1465282	1/20/2024 18:22	1/20/2024 18:27	5	0
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1462990	1/20/2024 18:24	1/21/2024 9:00	875.87	0
1509487	1/20/2024 18:24	1/21/2024 9:00	875.87	0
956125	1/20/2024 18:25	1/21/2024 9:00	874.73	0
1546138	1/20/2024 18:25	1/21/2024 9:00	874.87	0
1466445	1/20/2024 18:25	1/20/2024 18:30	5	0

1465282	1/20/2024 18:27	1/21/2024 4:24	597	0
567126	1/20/2024 18:27	1/21/2024 9:00	872.78	0
1467272	1/20/2024 18:27	1/21/2024 9:00	872.87	0
498597	1/20/2024 18:28	1/21/2024 9:00	871.78	0
10371746	1/20/2024 18:29	1/21/2024 9:00	870.78	0
160073	1/20/2024 18:29	1/21/2024 9:00	870.73	0
1466445	1/20/2024 18:30	1/21/2024 4:23	593	0
500173	1/20/2024 18:31	1/21/2024 9:00	868.78	0
311724	1/20/2024 18:31	1/21/2024 9:00	868.92	0
1443586	1/20/2024 18:32	1/21/2024 9:00	867.87	0
345394	1/20/2024 18:32	1/21/2024 9:00	867.92	0
449377	1/20/2024 18:33	1/20/2024 18:49	16	0
1509486	1/20/2024 18:34	1/21/2024 9:00	865.87	0
418291	1/20/2024 18:35	1/21/2024 9:00	864.78	0
219948	1/20/2024 18:35	1/21/2024 9:00	864.92	0
1513911	1/20/2024 18:36	1/21/2024 9:00	863.87	0
996011	1/20/2024 18:36	1/21/2024 8:35	839	0
612938	1/20/2024 18:36	1/21/2024 9:00	863.78	0
1680798	1/20/2024 18:37	1/21/2024 7:56	799	0
1513959	1/20/2024 18:38	1/21/2024 9:00	861.87	0
313011	1/20/2024 18:38	1/21/2024 9:00	861.92	0
315616	1/20/2024 18:39	1/21/2024 9:00	860.92	0
8605921	1/20/2024 18:41	1/21/2024 9:00	858.92	0
277301	1/20/2024 18:42	1/21/2024 9:00	857.92	0
456099	1/20/2024 18:43	1/21/2024 9:00	856.78	0
8068454	1/20/2024 18:44	1/21/2024 9:00	855.78	0
852287	1/20/2024 18:44	1/21/2024 9:00	855.88	0
274059	1/20/2024 18:45	1/21/2024 9:00	854.92	0
803317	1/20/2024 18:45	1/21/2024 9:00	854.88	0
311322	1/20/2024 18:46	1/21/2024 9:00	853.92	0
1469850	1/20/2024 18:47	1/21/2024 7:53	786	0
1430838	1/20/2024 18:48	1/21/2024 8:20	812	0
956968	1/20/2024 18:48	1/21/2024 9:00	851.73	0
1565203	1/20/2024 18:49	1/21/2024 8:13	804	0
250996	1/20/2024 18:49	1/21/2024 9:00	850.92	0
449377	1/20/2024 18:49	1/20/2024 19:10	21	0
1463520	1/20/2024 18:50	1/21/2024 9:00	849.87	0
808829	1/20/2024 18:50	1/21/2024 8:15	805	0
1019446	1/20/2024 18:51	1/21/2024 9:00	848.73	0
237266	1/20/2024 18:51	1/21/2024 9:00	848.92	0
345957	1/20/2024 18:52	1/21/2024 9:00	847.92	0
313482	1/20/2024 18:52	1/21/2024 9:00	847.92	0
313954	1/20/2024 18:52	1/21/2024 9:00	847.92	0
380057	1/20/2024 18:53	1/21/2024 9:00	846.78	0
1582130	1/20/2024 18:53	1/21/2024 9:00	846.87	0
381982	1/20/2024 18:54	1/21/2024 9:00	845.78	0
485536	1/20/2024 18:54	1/21/2024 9:00	845.78	0

642003	1/20/2024 18:56	1/21/2024 9:00	843.78	0
975066	1/20/2024 18:56	1/21/2024 7:58	782	0
8972545	1/20/2024 18:56	1/21/2024 9:00	843.78	0
9524954	1/20/2024 18:57	1/21/2024 9:00	842.87	0
1542623	1/20/2024 18:57	1/21/2024 9:00	842.87	0
486693	1/20/2024 18:57	1/21/2024 9:00	842.78	0
8150753	1/20/2024 18:57	1/21/2024 9:00	842.73	0
6761269	1/20/2024 18:57	1/21/2024 9:00	842.92	0
1556486	1/20/2024 18:57	1/21/2024 9:00	842.87	0
590897	1/20/2024 18:58	1/21/2024 9:00	841.78	0
1438878	1/20/2024 18:58	1/21/2024 9:00	841.87	0
1512146	1/20/2024 18:58	1/21/2024 8:11	793	0
1444966	1/20/2024 18:58	1/21/2024 9:00	841.87	0
1466357	1/20/2024 18:58	1/21/2024 9:00	841.87	0
349467	1/20/2024 19:00	1/21/2024 9:00	839.92	0
346967	1/20/2024 19:00	1/21/2024 9:00	839.92	0
955448	1/20/2024 19:00	1/21/2024 9:00	839.73	0
957216	1/20/2024 19:00	1/21/2024 9:00	839.73	0
1439908	1/20/2024 19:00	1/21/2024 8:07	787	0
773113	1/20/2024 19:01	1/21/2024 9:00	838.78	0
658177	1/20/2024 19:01	1/21/2024 9:00	838.88	0
251248	1/20/2024 19:01	1/21/2024 9:00	838.92	0
1469270	1/20/2024 19:01	1/21/2024 7:57	776	0
1463680	1/20/2024 19:01	1/21/2024 9:00	838.87	0
8486022	1/20/2024 19:02	1/21/2024 9:00	837.87	0
810130	1/20/2024 19:02	1/21/2024 9:00	837.88	0
1445317	1/20/2024 19:02	1/21/2024 7:53	771	0
1444809	1/20/2024 19:02	1/21/2024 7:58	776	0
1430553	1/20/2024 19:03	1/21/2024 8:16	793	0
1595351	1/20/2024 19:03	1/21/2024 9:00	836.87	0
347031	1/20/2024 19:03	1/21/2024 9:00	836.92	0
1513363	1/20/2024 19:03	1/21/2024 9:00	836.87	0
1514004	1/20/2024 19:03	1/21/2024 9:00	836.87	0
1609222	1/20/2024 19:04	1/21/2024 9:00	835.87	0
1683861	1/20/2024 19:04	1/21/2024 9:00	835.92	0
7178975	1/20/2024 19:04	1/21/2024 9:00	835.92	0
455345	1/20/2024 19:04	1/21/2024 9:00	835.78	0
1437279	1/20/2024 19:04	1/21/2024 8:07	783	0
1664433	1/20/2024 19:04	1/21/2024 9:00	835.88	0
989680	1/20/2024 19:04	1/21/2024 9:00	835.73	0
454861	1/20/2024 19:04	1/21/2024 9:00	835.78	0
1556352	1/20/2024 19:04	1/21/2024 9:00	835.87	0
1430644	1/20/2024 19:05	1/21/2024 9:00	834.87	0
48217	1/20/2024 19:05	1/21/2024 8:03	778	0
8590289	1/20/2024 19:05	1/21/2024 9:00	834.78	0
1573666	1/20/2024 19:05	1/21/2024 9:00	834.87	0
501613	1/20/2024 19:06	1/21/2024 9:00	833.78	0

274522	1/20/2024 19:06	1/21/2024 9:00	833.92	0
69207	1/20/2024 19:06	1/21/2024 9:00	833.92	0
564518	1/20/2024 19:06	1/21/2024 9:00	833.78	0
956579	1/20/2024 19:06	1/21/2024 9:00	833.73	0
325050	1/20/2024 19:06	1/21/2024 9:00	833.92	0
1548014	1/20/2024 19:07	1/21/2024 9:00	832.87	0
324045	1/20/2024 19:07	1/21/2024 9:00	832.92	0
549259	1/20/2024 19:07	1/21/2024 9:00	832.78	0
664453	1/20/2024 19:07	1/21/2024 9:00	832.88	0
1438807	1/20/2024 19:08	1/21/2024 8:05	777	0
312846	1/20/2024 19:08	1/21/2024 9:00	831.92	0
313720	1/20/2024 19:08	1/21/2024 9:00	831.92	0
313731	1/20/2024 19:08	1/21/2024 9:00	831.92	0
315730	1/20/2024 19:08	1/21/2024 9:00	831.92	0
1609484	1/20/2024 19:08	1/21/2024 9:00	831.87	0
1465703	1/20/2024 19:08	1/21/2024 9:00	831.87	0
1554218	1/20/2024 19:08	1/21/2024 8:35	807	0
1436742	1/20/2024 19:08	1/21/2024 8:52	824	0
487441	1/20/2024 19:08	1/21/2024 9:00	831.78	0
1513240	1/20/2024 19:08	1/21/2024 9:00	831.87	0
21820	1/20/2024 19:09	1/21/2024 9:00	830.92	0
1077082	1/20/2024 19:09	1/21/2024 9:00	830.78	0
345491	1/20/2024 19:09	1/21/2024 9:00	830.92	0
1465391	1/20/2024 19:09	1/21/2024 9:00	830.87	0
8511715	1/20/2024 19:09	1/21/2024 9:00	830.92	0
553755	1/20/2024 19:09	1/21/2024 9:00	830.78	0
11467920	1/20/2024 19:09	1/21/2024 9:00	830.87	0
54324	1/20/2024 19:10	1/21/2024 9:00	829.92	0
449377	1/20/2024 19:10	1/20/2024 19:21	11	0
1609551	1/20/2024 19:10	1/21/2024 9:00	829.87	0
5834752	1/20/2024 19:11	1/21/2024 9:00	828.92	0
1524033	1/20/2024 19:11	1/21/2024 9:00	828.87	0
1546321	1/20/2024 19:11	1/21/2024 9:00	828.87	0
267537	1/20/2024 19:11	1/21/2024 9:00	828.92	0
558054	1/20/2024 19:11	1/21/2024 9:00	828.78	0
323747	1/20/2024 19:11	1/21/2024 9:00	828.92	0
457729	1/20/2024 19:11	1/21/2024 9:00	828.78	0
346288	1/20/2024 19:11	1/21/2024 9:00	828.92	0
1434316	1/20/2024 19:12	1/21/2024 9:00	827.87	0
323657	1/20/2024 19:12	1/21/2024 9:00	827.92	0
573050	1/20/2024 19:12	1/21/2024 9:00	827.78	0
8495802	1/20/2024 19:12	1/21/2024 9:00	827.87	0
237312	1/20/2024 19:13	1/21/2024 9:00	826.92	0
547577	1/20/2024 19:13	1/21/2024 9:00	826.92	0
238732	1/20/2024 19:13	1/21/2024 9:00	826.92	0
457978	1/20/2024 19:14	1/21/2024 9:00	825.78	0
1435531	1/20/2024 19:14	1/21/2024 9:00	825.87	0

859747	1/20/2024 19:14	1/21/2024 9:00	825.88	0
324249	1/20/2024 19:14	1/21/2024 9:00	825.92	0
314188	1/20/2024 19:15	1/21/2024 9:00	824.92	0
251189	1/20/2024 19:15	1/21/2024 9:00	824.92	0
1464949	1/20/2024 19:15	1/21/2024 9:00	824.87	0
751178	1/20/2024 19:16	1/21/2024 9:00	823.78	0
346347	1/20/2024 19:16	1/21/2024 9:00	823.92	0
817260	1/20/2024 19:17	1/21/2024 9:00	822.88	0
7902724	1/20/2024 19:17	1/21/2024 8:40	803	0
56060	1/20/2024 19:17	1/21/2024 9:00	822.92	0
1251782	1/20/2024 19:19	1/21/2024 9:00	820.88	0
49209	1/20/2024 19:19	1/21/2024 9:00	820.92	0
455994	1/20/2024 19:19	1/21/2024 9:00	820.78	0
381338	1/20/2024 19:20	1/21/2024 9:00	819.78	0
344958	1/20/2024 19:21	1/21/2024 9:00	818.92	0
449377	1/20/2024 19:21	1/20/2024 19:36	15	0
8495805	1/20/2024 19:23	1/21/2024 9:00	816.78	0
449377	1/20/2024 19:36	1/20/2024 20:08	32	0
449377	1/20/2024 20:08	1/20/2024 20:23	15	0
449377	1/20/2024 20:23	1/20/2024 20:50	27	0
449377	1/20/2024 20:50	1/20/2024 21:58	68	0
449377	1/20/2024 21:58	1/21/2024 2:58	300	0
195839	1/20/2024 22:10	1/21/2024 9:00	649.92	0
958395	1/20/2024 22:46	1/21/2024 9:00	613.73	0
449036	1/21/2024 0:41	1/21/2024 9:00	498.78	0
508593	1/21/2024 0:47	1/21/2024 9:00	492.78	0
196408	1/21/2024 1:55	1/21/2024 9:00	424.92	0
449377	1/21/2024 2:58	1/21/2024 3:09	11	0
1466638	1/21/2024 2:59	1/21/2024 8:24	325	0
449377	1/21/2024 3:09	1/21/2024 3:19	10	0
347230	1/21/2024 3:12	1/21/2024 8:01	289	0
1469956	1/21/2024 3:12	1/21/2024 7:55	283	0
1547917	1/21/2024 3:15	1/21/2024 9:00	344.87	0
449377	1/21/2024 3:19	1/21/2024 3:35	16	0
1437276	1/21/2024 3:23	1/21/2024 8:39	316	0
449377	1/21/2024 3:35	1/21/2024 4:59	84	0
324290	1/21/2024 3:40	1/21/2024 8:40	300	0
1591422	1/21/2024 3:45	1/21/2024 9:00	314.87	0
6828301	1/21/2024 3:47	1/21/2024 9:00	312.92	0
1535035	1/21/2024 4:08	1/21/2024 8:20	252	0
991227	1/21/2024 4:08	1/21/2024 9:00	291.73	0
1535026	1/21/2024 4:23	1/21/2024 8:19	236	0
1466445	1/21/2024 4:23	1/21/2024 7:58	215	0
1465282	1/21/2024 4:24	1/21/2024 7:54	210	0
449377	1/21/2024 4:59	1/21/2024 5:20	21	0
449377	1/21/2024 5:20	1/21/2024 5:57	37	0
449377	1/21/2024 5:57	1/21/2024 8:03	126	0

1445317	1/21/2024 7:53	1/21/2024 9:00	66.87	0
1469850	1/21/2024 7:53	1/21/2024 9:00	66.87	0
1465282	1/21/2024 7:54	1/21/2024 9:00	65.87	0
1469956	1/21/2024 7:55	1/21/2024 9:00	64.87	0
1680798	1/21/2024 7:56	1/21/2024 9:00	63.92	0
1469270	1/21/2024 7:57	1/21/2024 9:00	62.87	0
975066	1/21/2024 7:58	1/21/2024 9:00	61.73	0
1444809	1/21/2024 7:58	1/21/2024 9:00	61.87	0
1466445	1/21/2024 7:58	1/21/2024 9:00	61.87	0
347230	1/21/2024 8:01	1/21/2024 9:00	58.92	0
48217	1/21/2024 8:03	1/21/2024 9:00	56.92	0
449377	1/21/2024 8:03	1/21/2024 8:55	52	0
1438807	1/21/2024 8:05	1/21/2024 9:00	54.87	0
47057	1/21/2024 8:05	1/21/2024 8:16	11	0
1437279	1/21/2024 8:07	1/21/2024 9:00	52.87	0
1439908	1/21/2024 8:07	1/21/2024 9:00	52.87	0
1512146	1/21/2024 8:11	1/21/2024 9:00	48.87	0
1565203	1/21/2024 8:13	1/21/2024 9:00	46.87	0
1567316	1/21/2024 8:15	1/21/2024 8:30	15	0
808829	1/21/2024 8:15	1/21/2024 9:00	44.88	0
47057	1/21/2024 8:16	1/21/2024 9:00	43.92	0
1430553	1/21/2024 8:16	1/21/2024 9:00	43.87	0
1535026	1/21/2024 8:19	1/21/2024 9:00	40.87	0
1535035	1/21/2024 8:20	1/21/2024 9:00	39.87	0
1430838	1/21/2024 8:20	1/21/2024 9:00	39.87	0
1535575	1/21/2024 8:22	1/21/2024 9:00	37.87	0
1466638	1/21/2024 8:24	1/21/2024 9:00	35.87	0
1567316	1/21/2024 8:30	1/21/2024 9:00	29.87	0
1557303	1/21/2024 8:32	1/21/2024 9:00	27.87	0
996011	1/21/2024 8:35	1/21/2024 9:00	24.73	0
1554218	1/21/2024 8:35	1/21/2024 9:00	24.87	0
1557188	1/21/2024 8:35	1/21/2024 9:00	24.87	0
1437276	1/21/2024 8:39	1/21/2024 9:00	20.87	0
324290	1/21/2024 8:40	1/21/2024 9:00	19.92	0
7902724	1/21/2024 8:40	1/21/2024 9:00	19.92	0
1436742	1/21/2024 8:52	1/21/2024 9:00	7.87	0
449377	1/21/2024 8:55	1/21/2024 9:00	4.78	0
1466638	1/21/2024 9:00	1/21/2024 15:09	369	0
1453263	1/21/2024 9:00	1/21/2024 14:10	310	0
562202	1/21/2024 9:00	1/22/2024 9:00	1439.78	0
1513541	1/21/2024 9:00	1/22/2024 9:00	1439.87	0
989680	1/21/2024 9:00	1/21/2024 11:33	153	0
1437279	1/21/2024 9:00	1/21/2024 19:14	614	0
1516786	1/21/2024 9:00	1/22/2024 9:00	1439.87	0
1434359	1/21/2024 9:00	1/21/2024 19:04	604	0
195839	1/21/2024 9:00	1/22/2024 9:00	1439.92	0
8668965	1/21/2024 9:00	1/21/2024 14:39	339	0

1552990	1/21/2024 9:00	1/22/2024 9:00	1439.87	0
350517	1/21/2024 9:00	1/21/2024 19:08	608	0
675499	1/21/2024 9:00	1/21/2024 10:44	104	0
324290	1/21/2024 9:00	1/21/2024 19:06	606	0
280780	1/21/2024 9:00	1/22/2024 9:00	1439.92	0
1437276	1/21/2024 9:00	1/21/2024 19:03	603	0
7194273	1/21/2024 9:00	1/22/2024 9:00	1439.87	0
447406	1/21/2024 9:00	1/22/2024 9:00	1439.78	0
1439908	1/21/2024 9:00	1/21/2024 19:19	619	0
574993	1/21/2024 9:00	1/21/2024 10:24	84	0
509233	1/21/2024 9:00	1/21/2024 14:41	341	0
325050	1/21/2024 9:00	1/21/2024 19:10	610	0
8766703	1/21/2024 9:00	1/22/2024 9:00	1439.73	0
237177	1/21/2024 9:00	1/21/2024 10:28	88	0
353728	1/21/2024 9:00	1/21/2024 14:48	348	0
1552447	1/21/2024 9:00	1/22/2024 9:00	1439.87	0
1469301	1/21/2024 9:00	1/22/2024 9:00	1439.87	0
8495805	1/21/2024 9:01	1/21/2024 19:26	625	0
817260	1/21/2024 9:01	1/22/2024 9:00	1438.88	0
584640	1/21/2024 9:02	1/22/2024 9:00	1437.78	0
1438878	1/21/2024 9:06	1/21/2024 19:05	599	0
195216	1/21/2024 9:06	1/22/2024 9:00	1433.92	0
1436742	1/21/2024 9:07	1/21/2024 19:11	604	0
1567316	1/21/2024 9:07	1/21/2024 19:11	604	0
1516579	1/21/2024 9:08	1/21/2024 14:24	316	0
1985687	1/21/2024 9:08	1/22/2024 9:00	1431.78	0
6761269	1/21/2024 9:08	1/22/2024 9:00	1431.92	0
991227	1/21/2024 9:08	1/21/2024 11:32	144	0
1438807	1/21/2024 9:08	1/21/2024 19:56	648	0
345957	1/21/2024 9:08	1/21/2024 10:11	63	0
1512146	1/21/2024 9:09	1/21/2024 11:56	167	0
1469956	1/21/2024 9:09	1/22/2024 5:01	1192	0
554089	1/21/2024 9:09	1/22/2024 9:00	1430.78	0
319279	1/21/2024 9:09	1/22/2024 9:00	1430.92	0
1469270	1/21/2024 9:10	1/21/2024 19:14	604	0
975066	1/21/2024 9:11	1/21/2024 19:25	614	0
1444809	1/21/2024 9:12	1/21/2024 19:16	604	1.22
1469850	1/21/2024 9:12	1/21/2024 19:10	598	0
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197629	1/21/2024 14:24	1/21/2024 14:40	16	0
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8206792	1/21/2024 14:24	1/21/2024 14:40	16	0
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507365	1/21/2024 14:41	1/21/2024 19:19	278	0
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315345	1/21/2024 15:56	1/21/2024 18:55	179	0
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416557	1/21/2024 17:42	1/22/2024 9:00	917.78	0
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315346	1/21/2024 17:48	1/22/2024 9:00	911.92	0
7902724	1/21/2024 17:52	1/21/2024 18:18	26	0
508593	1/21/2024 17:56	1/22/2024 9:00	903.78	0
510307	1/21/2024 17:58	1/22/2024 9:00	901.78	0
954332	1/21/2024 18:02	1/22/2024 9:00	897.73	0
800590	1/21/2024 18:08	1/22/2024 9:00	891.88	0
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350406	1/21/2024 18:13	1/22/2024 9:00	886.92	0
317195	1/21/2024 18:13	1/22/2024 9:00	886.92	0
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1654064	1/21/2024 18:16	1/22/2024 3:07	531	0
1557188	1/21/2024 18:17	1/22/2024 9:00	882.87	0
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7902724	1/21/2024 18:18	1/21/2024 19:26	68	0
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1535575	1/21/2024 18:21	1/22/2024 5:03	642	0
315604	1/21/2024 18:22	1/22/2024 9:00	877.92	0
449377	1/21/2024 18:26	1/21/2024 18:57	31	0
952445	1/21/2024 18:29	1/22/2024 9:00	870.73	0
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197561	1/21/2024 18:34	1/22/2024 9:00	865.92	0
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1430294	1/21/2024 18:36	1/22/2024 9:00	863.87	0
10628562	1/21/2024 18:37	1/22/2024 9:00	862.87	0
1463218	1/21/2024 18:39	1/22/2024 9:00	860.87	0
6995795	1/21/2024 18:40	1/22/2024 9:00	859.78	0
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344641	1/21/2024 18:44	1/22/2024 9:00	855.92	0
315380	1/21/2024 18:46	1/22/2024 9:00	853.92	0
561757	1/21/2024 18:46	1/22/2024 9:00	853.78	0

346135	1/21/2024 18:47	1/22/2024 9:00	852.92	0
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800600	1/21/2024 18:50	1/22/2024 9:00	849.88	0
196408	1/21/2024 18:53	1/22/2024 9:00	846.92	0
321310	1/21/2024 18:53	1/22/2024 9:00	846.92	0
558031	1/21/2024 18:54	1/22/2024 9:00	845.78	0
160073	1/21/2024 18:54	1/22/2024 9:00	845.73	0
315345	1/21/2024 18:55	1/22/2024 9:00	844.92	0
8910809	1/21/2024 18:56	1/22/2024 9:00	843.78	0
852071	1/21/2024 18:56	1/22/2024 9:00	843.88	0
449377	1/21/2024 18:57	1/21/2024 19:29	32	0
1509487	1/21/2024 18:58	1/22/2024 9:00	841.87	0
314163	1/21/2024 18:58	1/22/2024 9:00	841.92	0
51957	1/21/2024 18:59	1/22/2024 9:00	840.92	0
1064575	1/21/2024 18:59	1/22/2024 9:00	840.73	0
1019446	1/21/2024 18:59	1/22/2024 9:00	840.73	0
277818	1/21/2024 18:59	1/22/2024 9:00	840.92	0
275018	1/21/2024 19:00	1/22/2024 9:00	839.92	0
860281	1/21/2024 19:00	1/22/2024 9:00	839.88	0
456084	1/21/2024 19:00	1/22/2024 9:00	839.78	0
995564	1/21/2024 19:01	1/22/2024 9:00	838.73	0
800588	1/21/2024 19:01	1/22/2024 9:00	838.88	0
197629	1/21/2024 19:02	1/22/2024 9:00	837.92	0
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872542	1/21/2024 19:03	1/22/2024 9:00	836.88	0
380057	1/21/2024 19:04	1/22/2024 9:00	835.78	0
1434359	1/21/2024 19:04	1/22/2024 8:22	798	0
1453263	1/21/2024 19:04	1/22/2024 9:00	835.87	0
1438878	1/21/2024 19:05	1/22/2024 8:05	780	0
6961293	1/21/2024 19:05	1/22/2024 9:00	834.92	0
8150753	1/21/2024 19:05	1/22/2024 9:00	834.73	0
7932279	1/21/2024 19:05	1/22/2024 9:00	834.87	0
47769	1/21/2024 19:05	1/22/2024 9:00	834.92	0
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498070	1/21/2024 19:06	1/22/2024 9:00	833.78	0
324290	1/21/2024 19:06	1/22/2024 8:40	814	0
1446401	1/21/2024 19:06	1/22/2024 9:00	833.87	0
8972545	1/21/2024 19:07	1/22/2024 9:00	832.78	0
1609415	1/21/2024 19:07	1/22/2024 9:00	832.87	0
506261	1/21/2024 19:07	1/22/2024 9:00	832.78	0
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274059	1/21/2024 19:08	1/22/2024 9:00	831.92	0
656343	1/21/2024 19:08	1/22/2024 9:00	831.88	0
7879030	1/21/2024 19:08	1/22/2024 9:00	831.78	0
350517	1/21/2024 19:08	1/22/2024 9:00	831.92	0

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456099	1/21/2024 19:09	1/22/2024 9:00	830.78	0
314564	1/21/2024 19:09	1/22/2024 9:00	830.92	0
956125	1/21/2024 19:09	1/22/2024 9:00	830.73	0
1435945	1/21/2024 19:09	1/22/2024 9:00	830.87	0
810130	1/21/2024 19:09	1/22/2024 9:00	830.88	0
801004	1/21/2024 19:09	1/22/2024 9:00	830.88	0
956968	1/21/2024 19:09	1/22/2024 8:30	801	0
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325050	1/21/2024 19:10	1/22/2024 9:00	829.92	0
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275495	1/21/2024 19:11	1/22/2024 9:00	828.92	0
1567316	1/21/2024 19:11	1/22/2024 9:00	828.87	0
70866	1/21/2024 19:11	1/22/2024 9:00	828.92	0
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347230	1/21/2024 19:11	1/22/2024 7:58	767	0
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549370	1/21/2024 19:11	1/22/2024 9:00	828.78	0
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1556565	1/21/2024 19:12	1/22/2024 9:00	827.87	0
281235	1/21/2024 19:12	1/22/2024 9:00	827.92	0
588892	1/21/2024 19:12	1/22/2024 9:00	827.78	0
1556434	1/21/2024 19:12	1/22/2024 9:00	827.87	0
1432509	1/21/2024 19:12	1/22/2024 9:00	827.87	0
1557100	1/21/2024 19:12	1/22/2024 9:00	827.87	0
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1466357	1/21/2024 19:13	1/22/2024 9:00	826.87	0
8734029	1/21/2024 19:13	1/22/2024 9:00	826.87	0
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1431804	1/21/2024 19:14	1/22/2024 9:00	825.87	0
1619720	1/21/2024 19:14	1/22/2024 9:00	825.87	0
346185	1/21/2024 19:14	1/22/2024 9:00	825.92	0
315169	1/21/2024 19:14	1/22/2024 9:00	825.92	0
1469270	1/21/2024 19:14	1/22/2024 8:11	777	0
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456048	1/21/2024 19:14	1/22/2024 9:00	825.78	0
323747	1/21/2024 19:14	1/22/2024 9:00	825.92	0
381982	1/21/2024 19:14	1/22/2024 9:00	825.78	0
8511715	1/21/2024 19:14	1/22/2024 9:00	825.92	0
1556352	1/21/2024 19:14	1/22/2024 9:00	825.87	0

644030	1/21/2024 19:14	1/22/2024 9:00	825.78	0
1433522	1/21/2024 19:14	1/22/2024 9:00	825.87	0
1514000	1/21/2024 19:14	1/22/2024 9:00	825.87	0
957216	1/21/2024 19:14	1/22/2024 9:00	825.73	0
1434550	1/21/2024 19:15	1/22/2024 9:00	824.87	0
353371	1/21/2024 19:15	1/22/2024 9:00	824.92	0
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313011	1/21/2024 19:15	1/22/2024 9:00	824.92	0
1514677	1/21/2024 19:15	1/22/2024 9:00	824.87	0
1535304	1/21/2024 19:15	1/22/2024 9:00	824.87	0
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317233	1/21/2024 19:15	1/22/2024 9:00	824.92	0
457729	1/21/2024 19:15	1/22/2024 9:00	824.78	0
854579	1/21/2024 19:15	1/22/2024 9:00	824.88	0
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1462990	1/21/2024 19:16	1/22/2024 9:00	823.87	0
68620	1/21/2024 19:16	1/22/2024 9:00	823.92	0
1509486	1/21/2024 19:16	1/22/2024 9:00	823.87	0
1430838	1/21/2024 19:16	1/22/2024 8:02	766	0
5834752	1/21/2024 19:16	1/22/2024 9:00	823.92	0
315730	1/21/2024 19:16	1/22/2024 9:00	823.92	0
1535035	1/21/2024 19:16	1/22/2024 8:04	768	0
773113	1/21/2024 19:16	1/22/2024 9:00	823.78	0
549259	1/21/2024 19:16	1/22/2024 9:00	823.78	0
1465882	1/21/2024 19:16	1/22/2024 9:00	823.87	0
454901	1/21/2024 19:16	1/22/2024 9:00	823.78	0
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317797	1/21/2024 19:16	1/22/2024 9:00	823.92	0
312846	1/21/2024 19:16	1/22/2024 9:00	823.92	0
553755	1/21/2024 19:16	1/22/2024 9:00	823.78	0
251248	1/21/2024 19:16	1/22/2024 9:00	823.92	0
1535026	1/21/2024 19:16	1/22/2024 8:03	767	0
237266	1/21/2024 19:16	1/22/2024 9:00	823.92	0
1434316	1/21/2024 19:16	1/22/2024 8:07	771	0
313269	1/21/2024 19:16	1/22/2024 9:00	823.92	0
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315752	1/21/2024 19:17	1/22/2024 9:00	822.92	0
590897	1/21/2024 19:17	1/22/2024 9:00	822.78	0
1443586	1/21/2024 19:17	1/22/2024 9:00	822.87	0
347031	1/21/2024 19:17	1/22/2024 9:00	822.92	0
1430553	1/21/2024 19:17	1/22/2024 8:05	768	0
1610090	1/21/2024 19:17	1/22/2024 9:00	822.87	0
8434548	1/21/2024 19:18	1/22/2024 9:00	821.92	0
1524033	1/21/2024 19:18	1/22/2024 9:00	821.87	0
251244	1/21/2024 19:18	1/22/2024 9:00	821.92	0
314188	1/21/2024 19:18	1/22/2024 9:00	821.92	0
9524954	1/21/2024 19:18	1/22/2024 9:00	821.87	0

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1557303	1/21/2024 19:18	1/22/2024 9:00	821.87	0
645339	1/21/2024 19:18	1/22/2024 9:00	821.78	0
345491	1/21/2024 19:18	1/22/2024 9:00	821.92	0
1456419	1/21/2024 19:18	1/22/2024 9:00	821.87	0
1445317	1/21/2024 19:18	1/22/2024 7:58	760	0
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1439908	1/21/2024 19:19	1/22/2024 8:05	766	0
507365	1/21/2024 19:19	1/22/2024 9:00	820.78	0
574596	1/21/2024 19:19	1/22/2024 9:00	820.78	0
751178	1/21/2024 19:19	1/22/2024 8:21	782	0
1557676	1/21/2024 19:19	1/22/2024 9:00	820.87	0
328113	1/21/2024 19:19	1/22/2024 9:00	820.92	0
1609484	1/21/2024 19:19	1/22/2024 8:04	765	0
1469866	1/21/2024 19:19	1/22/2024 9:00	820.87	0
454861	1/21/2024 19:19	1/22/2024 9:00	820.78	0
551972	1/21/2024 19:19	1/22/2024 9:00	820.78	0
7518767	1/21/2024 19:19	1/22/2024 9:00	820.92	0
10371746	1/21/2024 19:19	1/22/2024 9:00	820.78	0
1680798	1/21/2024 19:20	1/22/2024 8:00	760	0
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21306	1/21/2024 19:20	1/22/2024 9:00	819.92	0
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501613	1/21/2024 19:20	1/22/2024 9:00	819.78	0
956579	1/21/2024 19:20	1/22/2024 9:00	819.73	0
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449036	1/21/2024 19:20	1/22/2024 9:00	819.78	0
48217	1/21/2024 19:20	1/22/2024 8:03	763	0
1515678	1/21/2024 19:20	1/22/2024 9:00	819.87	0
8590289	1/21/2024 19:20	1/22/2024 9:00	819.78	0
8486022	1/21/2024 19:21	1/22/2024 9:00	818.87	0
1576533	1/21/2024 19:21	1/22/2024 9:00	818.87	0
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1556486	1/21/2024 19:21	1/22/2024 9:00	818.87	0
353728	1/21/2024 19:21	1/22/2024 9:00	818.92	0
196965	1/21/2024 19:21	1/22/2024 9:00	818.92	0
279833	1/21/2024 19:21	1/22/2024 9:00	818.92	0
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601397	1/21/2024 19:21	1/22/2024 9:00	818.78	0
69207	1/21/2024 19:21	1/22/2024 9:00	818.92	0
277301	1/21/2024 19:21	1/22/2024 9:00	818.92	0
664453	1/21/2024 19:21	1/22/2024 9:00	818.88	0
238732	1/21/2024 19:21	1/22/2024 9:00	818.92	0
314945	1/21/2024 19:22	1/22/2024 9:00	817.92	0
1609222	1/21/2024 19:22	1/22/2024 9:00	817.87	0
1465391	1/21/2024 19:22	1/22/2024 9:00	817.87	0

1077082	1/21/2024 19:22	1/22/2024 9:00	817.78	0
7178975	1/21/2024 19:22	1/22/2024 9:00	817.92	0
345957	1/21/2024 19:22	1/22/2024 9:00	817.92	0
313954	1/21/2024 19:22	1/22/2024 9:00	817.92	0
1515733	1/21/2024 19:22	1/22/2024 9:00	817.87	0
455345	1/21/2024 19:22	1/22/2024 9:00	817.78	0
642003	1/21/2024 19:22	1/22/2024 9:00	817.78	0
1465282	1/21/2024 19:22	1/22/2024 9:00	817.87	0
274522	1/21/2024 19:22	1/22/2024 9:00	817.92	0
324249	1/21/2024 19:23	1/22/2024 9:00	816.92	0
1619681	1/21/2024 19:23	1/22/2024 9:00	816.87	0
859747	1/21/2024 19:23	1/22/2024 9:00	816.88	0
293	1/21/2024 19:23	1/22/2024 9:00	816.92	0
8206792	1/21/2024 19:23	1/22/2024 9:00	816.87	0
70277	1/21/2024 19:23	1/22/2024 9:00	816.92	0
1515964	1/21/2024 19:23	1/22/2024 9:00	816.87	0
417990	1/21/2024 19:24	1/22/2024 9:00	815.78	0
808829	1/21/2024 19:24	1/22/2024 9:00	815.88	0
612938	1/21/2024 19:24	1/22/2024 9:00	815.78	0
509233	1/21/2024 19:24	1/22/2024 9:00	815.78	0
237177	1/21/2024 19:24	1/22/2024 9:00	815.92	0
49209	1/21/2024 19:24	1/22/2024 9:00	815.92	0
1514004	1/21/2024 19:24	1/22/2024 9:00	815.87	0
344958	1/21/2024 19:24	1/22/2024 9:00	815.92	0
1447297	1/21/2024 19:24	1/22/2024 9:00	815.87	0
547577	1/21/2024 19:24	1/22/2024 9:00	815.92	0
267537	1/21/2024 19:24	1/22/2024 9:00	815.92	0
378229	1/21/2024 19:25	1/22/2024 9:00	814.78	0
1465703	1/21/2024 19:25	1/22/2024 9:00	814.87	0
54324	1/21/2024 19:25	1/22/2024 8:17	772	0
975066	1/21/2024 19:25	1/22/2024 9:00	814.73	0
8605921	1/21/2024 19:25	1/22/2024 9:00	814.92	0
1556246	1/21/2024 19:25	1/22/2024 9:00	814.87	0
381338	1/21/2024 19:25	1/22/2024 9:00	814.78	0
349467	1/21/2024 19:25	1/22/2024 9:00	814.92	0
1446785	1/21/2024 19:25	1/22/2024 9:00	814.87	0
316630	1/21/2024 19:25	1/22/2024 9:00	814.92	0
8495805	1/21/2024 19:26	1/22/2024 9:00	813.78	0
1466445	1/21/2024 19:26	1/22/2024 9:00	813.87	0
1554218	1/21/2024 19:26	1/22/2024 9:00	813.87	0
10714479	1/21/2024 19:26	1/22/2024 9:00	813.87	0
21820	1/21/2024 19:26	1/22/2024 9:00	813.92	0
852125	1/21/2024 19:26	1/22/2024 9:00	813.88	0
7902724	1/21/2024 19:26	1/22/2024 8:35	789	0
323657	1/21/2024 19:26	1/22/2024 9:00	813.92	0
8495802	1/21/2024 19:26	1/22/2024 9:00	813.87	0
313731	1/21/2024 19:27	1/22/2024 9:00	812.92	0

1464949	1/21/2024 19:27	1/22/2024 9:00	812.87	0
570321	1/21/2024 19:27	1/22/2024 9:00	812.78	0
457978	1/21/2024 19:27	1/22/2024 9:00	812.78	0
1609551	1/21/2024 19:27	1/22/2024 8:04	757	0
1512146	1/21/2024 19:27	1/22/2024 8:09	762	0
1595324	1/21/2024 19:27	1/22/2024 9:00	812.87	0
324045	1/21/2024 19:27	1/22/2024 9:00	812.92	0
1450250	1/21/2024 19:28	1/22/2024 9:00	811.87	0
56060	1/21/2024 19:28	1/22/2024 8:18	770	0
315616	1/21/2024 19:28	1/22/2024 9:00	811.92	0
346347	1/21/2024 19:28	1/22/2024 9:00	811.92	0
237312	1/21/2024 19:28	1/22/2024 9:00	811.92	0
449377	1/21/2024 19:29	1/21/2024 20:21	52	0
9993412	1/21/2024 19:29	1/22/2024 9:00	810.78	0
1019	1/21/2024 19:29	1/22/2024 9:00	810.92	0
4173986	1/21/2024 19:29	1/22/2024 9:00	810.92	0
455994	1/21/2024 19:30	1/22/2024 9:00	809.78	0
125572	1/21/2024 19:30	1/22/2024 9:00	809.92	0
1438807	1/21/2024 19:56	1/22/2024 7:53	717	0
449377	1/21/2024 20:21	1/21/2024 20:58	37	0
1683861	1/21/2024 20:47	1/22/2024 9:00	732.92	0
449377	1/21/2024 20:58	1/21/2024 21:56	58	0
449377	1/21/2024 21:56	1/21/2024 22:27	31	0
449377	1/21/2024 22:27	1/22/2024 0:02	95	0
449377	1/22/2024 0:02	1/22/2024 0:54	52	0
449377	1/22/2024 0:54	1/22/2024 1:31	37	0
197690	1/22/2024 1:26	1/22/2024 9:00	453.92	0
449377	1/22/2024 1:31	1/22/2024 2:55	84	0
997397	1/22/2024 2:18	1/22/2024 9:00	401.73	0
449377	1/22/2024 2:55	1/22/2024 4:30	95	0
1654064	1/22/2024 3:07	1/22/2024 9:00	352.73	0
449377	1/22/2024 4:30	1/22/2024 4:56	26	0
449377	1/22/2024 4:56	1/22/2024 5:33	37	0
1469956	1/22/2024 5:01	1/22/2024 8:10	189	0
1535575	1/22/2024 5:03	1/22/2024 8:07	184	0
449377	1/22/2024 5:33	1/22/2024 6:30	57	0
449377	1/22/2024 6:30	1/22/2024 6:57	27	0
449377	1/22/2024 6:57	1/22/2024 7:18	21	0
449377	1/22/2024 7:18	1/22/2024 8:26	68	0
552210	1/22/2024 7:52	1/22/2024 9:00	67.78	0
1438807	1/22/2024 7:53	1/22/2024 9:00	66.87	0
1444809	1/22/2024 7:55	1/22/2024 9:00	64.87	0
347230	1/22/2024 7:58	1/22/2024 9:00	61.92	0
1445317	1/22/2024 7:58	1/22/2024 9:00	61.87	0
597560	1/22/2024 7:59	1/22/2024 9:00	60.78	0
1680798	1/22/2024 8:00	1/22/2024 9:00	59.92	0
11467920	1/22/2024 8:01	1/22/2024 9:00	58.87	0

1582130	1/22/2024 8:02	1/22/2024 9:00	57.87	0
1430838	1/22/2024 8:02	1/22/2024 9:00	57.87	0
1513363	1/22/2024 8:03	1/22/2024 9:00	56.87	0
48217	1/22/2024 8:03	1/22/2024 9:00	56.92	0
1535026	1/22/2024 8:03	1/22/2024 9:00	56.87	0
1535035	1/22/2024 8:04	1/22/2024 9:00	55.87	0
1513240	1/22/2024 8:04	1/22/2024 9:00	55.87	0
1609551	1/22/2024 8:04	1/22/2024 9:00	55.87	0
1609484	1/22/2024 8:04	1/22/2024 9:00	55.87	0
1595351	1/22/2024 8:04	1/22/2024 9:00	55.87	0
1438878	1/22/2024 8:05	1/22/2024 9:00	54.87	0
1439908	1/22/2024 8:05	1/22/2024 9:00	54.87	0
1430553	1/22/2024 8:05	1/22/2024 9:00	54.87	0
1437279	1/22/2024 8:06	1/22/2024 9:00	53.87	0
1535575	1/22/2024 8:07	1/22/2024 9:00	52.87	0
1434316	1/22/2024 8:07	1/22/2024 9:00	52.87	0
9993140	1/22/2024 8:08	1/22/2024 9:00	51.92	0
1546138	1/22/2024 8:08	1/22/2024 9:00	51.87	0
1512146	1/22/2024 8:09	1/22/2024 9:00	50.87	0
121750	1/22/2024 8:09	1/22/2024 9:00	50.92	0
1469956	1/22/2024 8:10	1/22/2024 9:00	49.87	0
1463520	1/22/2024 8:10	1/22/2024 9:00	49.87	0
1469270	1/22/2024 8:11	1/22/2024 9:00	48.87	0
1469850	1/22/2024 8:11	1/22/2024 9:00	48.87	0
1467272	1/22/2024 8:11	1/22/2024 9:00	48.87	0
1463680	1/22/2024 8:11	1/22/2024 9:00	48.87	0
1591422	1/22/2024 8:15	1/22/2024 9:00	44.87	0
10691024	1/22/2024 8:15	1/22/2024 9:00	44.9	0
54324	1/22/2024 8:17	1/22/2024 8:33	16	0
56060	1/22/2024 8:18	1/22/2024 8:34	16	0
751178	1/22/2024 8:21	1/22/2024 9:00	38.78	0
991227	1/22/2024 8:21	1/22/2024 9:00	38.73	0
1437276	1/22/2024 8:21	1/22/2024 9:00	38.87	0
121748	1/22/2024 8:22	1/22/2024 9:00	37.92	0
1434359	1/22/2024 8:22	1/22/2024 9:00	37.87	0
11009258	1/22/2024 8:26	1/22/2024 9:00	33.92	0
449377	1/22/2024 8:26	1/22/2024 9:00	33.78	0
1466638	1/22/2024 8:28	1/22/2024 9:00	31.87	0
956968	1/22/2024 8:30	1/22/2024 9:00	29.73	0
54324	1/22/2024 8:33	1/22/2024 9:00	26.92	0
56060	1/22/2024 8:34	1/22/2024 9:00	25.92	0
7902724	1/22/2024 8:35	1/22/2024 9:00	24.92	0
6503956	1/22/2024 8:35	1/22/2024 9:00	24.92	0
1681747	1/22/2024 8:36	1/22/2024 9:00	23.92	0
1436742	1/22/2024 8:37	1/22/2024 9:00	22.87	0
6992958	1/22/2024 8:40	1/22/2024 9:00	19.92	0
324290	1/22/2024 8:40	1/22/2024 9:00	19.92	0

1565203	1/22/2024 8:42	1/22/2024 9:00	17.87	0
658837	1/22/2024 8:56	1/22/2024 9:00	3.88	0
675499	1/22/2024 9:00	1/22/2024 11:45	165	0
447406	1/22/2024 9:00	1/23/2024 9:00	1439.78	0
6961293	1/22/2024 9:00	1/23/2024 9:00	1439.92	0
554089	1/22/2024 9:00	1/23/2024 9:00	1439.78	0
1552447	1/22/2024 9:00	1/23/2024 9:00	1439.87	0
1985687	1/22/2024 9:00	1/23/2024 9:00	1439.78	0
1516786	1/22/2024 9:00	1/23/2024 9:00	1439.87	0
5834752	1/22/2024 9:00	1/23/2024 9:00	1439.92	0
319279	1/22/2024 9:00	1/22/2024 15:54	414	0
196965	1/22/2024 9:00	1/22/2024 11:08	128	0
195216	1/22/2024 9:00	1/23/2024 9:00	1439.92	0
353728	1/22/2024 9:00	1/22/2024 15:35	395	0
1469301	1/22/2024 9:00	1/23/2024 9:00	1439.87	0
7194273	1/22/2024 9:00	1/23/2024 9:00	1439.87	0
8766703	1/22/2024 9:00	1/23/2024 9:00	1439.73	0
574993	1/22/2024 9:00	1/22/2024 11:10	130	0
280780	1/22/2024 9:00	1/22/2024 17:54	534	0
1535026	1/22/2024 9:01	1/22/2024 19:21	620	0
1557100	1/22/2024 9:01	1/23/2024 9:00	1438.87	0
8668965	1/22/2024 9:06	1/22/2024 14:23	317	0
1512146	1/22/2024 9:07	1/22/2024 19:27	620	0
562202	1/22/2024 9:08	1/23/2024 9:00	1431.78	0
1557676	1/22/2024 9:08	1/23/2024 9:00	1431.87	0
197356	1/22/2024 9:08	1/22/2024 11:09	121	0
1513541	1/22/2024 9:08	1/23/2024 9:00	1431.87	0
6761269	1/22/2024 9:08	1/22/2024 10:11	63	0
1453263	1/22/2024 9:08	1/22/2024 10:53	105	0
1466445	1/22/2024 9:09	1/22/2024 14:25	316	0
1516579	1/22/2024 9:09	1/22/2024 10:38	89	0
1552990	1/22/2024 9:09	1/23/2024 9:00	1430.87	0
8387677	1/22/2024 9:09	1/22/2024 11:10	121	0
1465282	1/22/2024 9:10	1/22/2024 14:25	315	0
1465391	1/22/2024 9:11	1/22/2024 14:27	316	0
552210	1/22/2024 9:11	1/22/2024 11:22	131	0
658837	1/22/2024 9:11	1/22/2024 19:15	604	0.09
1654064	1/22/2024 9:12	1/22/2024 18:33	561	0
1680798	1/22/2024 9:13	1/22/2024 19:28	615	0
1469956	1/22/2024 9:13	1/22/2024 14:28	315	0
1445317	1/22/2024 9:13	1/22/2024 19:18	605	0
1444809	1/22/2024 9:14	1/22/2024 19:17	603	0.12
1469850	1/22/2024 9:14	1/22/2024 14:29	315	0
1466638	1/22/2024 9:15	1/22/2024 18:15	540	0
347230	1/22/2024 9:16	1/22/2024 19:20	604	0
1609484	1/22/2024 9:17	1/22/2024 11:02	105	0
7902724	1/22/2024 9:17	1/22/2024 10:20	63	0

1609222	1/22/2024 9:17	1/22/2024 19:17	600	0
1430838	1/22/2024 9:17	1/22/2024 19:16	599	0
1430553	1/22/2024 9:18	1/22/2024 19:13	595	0
1595351	1/22/2024 9:18	1/22/2024 19:16	598	0
350406	1/22/2024 9:18	1/22/2024 18:50	572	0
8605921	1/22/2024 9:18	1/22/2024 19:32	614	0
1609551	1/22/2024 9:18	1/22/2024 10:21	63	0
350346	1/22/2024 9:19	1/22/2024 20:14	655	0
1437279	1/22/2024 9:19	1/22/2024 14:08	289	0
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656343	1/22/2024 10:27	1/22/2024 14:13	226	0
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1073095	1/22/2024 10:57	1/22/2024 11:39	42	0

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277818	1/22/2024 11:05	1/22/2024 18:52	467	0
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457978	1/22/2024 11:06	1/22/2024 19:30	504	0
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626477	1/22/2024 11:06	1/22/2024 19:09	483	0
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455994	1/22/2024 11:20	1/22/2024 14:35	195	0
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1092960	1/22/2024 11:22	1/22/2024 19:09	467	0
324290	1/22/2024 11:23	1/22/2024 14:37	194	0
21820	1/22/2024 11:24	1/22/2024 11:40	16	0
21306	1/22/2024 11:25	1/22/2024 11:41	16	0
509233	1/22/2024 11:25	1/22/2024 11:41	16	0
325050	1/22/2024 11:25	1/22/2024 19:23	478	0
317126	1/22/2024 11:25	1/22/2024 18:45	440	0
574993	1/22/2024 11:26	1/22/2024 12:08	42	0
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590897	1/22/2024 11:27	1/22/2024 11:33	6	0
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860281	1/22/2024 11:33	1/22/2024 14:22	169	0
590897	1/22/2024 11:33	1/22/2024 11:43	10	0
859747	1/22/2024 11:33	1/22/2024 14:21	168	0
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501613	1/22/2024 11:34	1/22/2024 19:21	467	0
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8068454	1/22/2024 11:37	1/22/2024 14:36	179	0
196408	1/22/2024 11:37	1/22/2024 11:53	16	0
197629	1/22/2024 11:38	1/22/2024 11:53	15	0
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611761	1/22/2024 11:40	1/23/2024 9:00	1279.78	0
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511266	1/22/2024 11:40	1/22/2024 11:55	15	0

21820	1/22/2024 11:40	1/22/2024 12:43	63	0
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197356	1/22/2024 11:41	1/22/2024 14:39	178	0
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510974	1/22/2024 11:42	1/22/2024 11:52	10	0
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197690	1/22/2024 11:50	1/22/2024 14:22	152	0
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574596	1/22/2024 11:50	1/22/2024 12:09	19	0
197561	1/22/2024 11:50	1/22/2024 14:22	152	0
1463218	1/22/2024 11:50	1/22/2024 15:09	199	0
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510974	1/22/2024 11:52	1/22/2024 12:08	16	0
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1515733	1/22/2024 11:53	1/22/2024 12:09	16	0
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34887	1/22/2024 12:56	1/23/2024 9:00	1203.92	0
24124	1/22/2024 12:57	1/23/2024 9:00	1202.92	0

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27483	1/22/2024 12:59	1/23/2024 9:00	1200.92	0
188639	1/22/2024 12:59	1/23/2024 9:00	1200.92	0
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23462	1/22/2024 13:00	1/23/2024 9:00	1199.92	0
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509233	1/22/2024 13:42	1/22/2024 14:08	26	0
574993	1/22/2024 13:53	1/22/2024 13:58	5	0
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656343	1/22/2024 14:13	1/22/2024 19:07	294	0
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926657	1/22/2024 14:22	1/22/2024 14:32	10	0
197690	1/22/2024 14:22	1/22/2024 14:38	16	0
197883	1/22/2024 14:22	1/22/2024 14:37	15	0
1683861	1/22/2024 14:22	1/22/2024 14:38	16	0
860281	1/22/2024 14:22	1/22/2024 15:03	41	0
416557	1/22/2024 14:22	1/22/2024 14:54	32	0
197561	1/22/2024 14:22	1/22/2024 14:38	16	0
8668965	1/22/2024 14:23	1/22/2024 19:07	284	0
418876	1/22/2024 14:23	1/22/2024 14:55	32	0
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125572	1/22/2024 14:25	1/22/2024 14:41	16	0
664453	1/22/2024 14:25	1/22/2024 14:41	16	0
196408	1/22/2024 14:25	1/22/2024 14:35	10	0

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1468500	1/22/2024 14:30	1/22/2024 19:18	288	0
590897	1/22/2024 14:31	1/22/2024 14:47	16	0
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267537	1/22/2024 14:36	1/22/2024 14:52	16	0
324290	1/22/2024 14:37	1/22/2024 17:09	152	0
197883	1/22/2024 14:37	1/22/2024 18:44	247	0
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315616	1/22/2024 14:37	1/22/2024 19:26	289	0
197561	1/22/2024 14:38	1/22/2024 18:55	257	0
197690	1/22/2024 14:38	1/22/2024 21:45	427	0
8524544	1/22/2024 14:38	1/22/2024 19:21	283	0
313011	1/22/2024 14:38	1/22/2024 19:27	289	0
509233	1/22/2024 14:38	1/22/2024 19:26	288	0
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1683861	1/22/2024 14:38	1/22/2024 19:16	278	0
313269	1/22/2024 14:39	1/22/2024 19:12	273	0
197356	1/22/2024 14:39	1/22/2024 19:12	273	0
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611116	1/22/2024 14:39	1/22/2024 19:13	274	0
21306	1/22/2024 14:40	1/22/2024 18:56	256	0
197629	1/22/2024 14:40	1/22/2024 19:13	273	0
574596	1/22/2024 14:40	1/22/2024 19:14	274	0
1466445	1/22/2024 14:40	1/22/2024 19:24	284	0
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8511623	1/22/2024 14:40	1/22/2024 19:24	284	0
316630	1/22/2024 14:40	1/22/2024 19:24	284	0
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1515733	1/22/2024 14:41	1/22/2024 14:57	16	0
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664453	1/22/2024 14:41	1/22/2024 19:09	268	0
8590289	1/22/2024 14:42	1/22/2024 19:30	288	0
9313875	1/22/2024 14:42	1/22/2024 19:15	273	0
312846	1/22/2024 14:42	1/22/2024 18:59	257	0
21820	1/22/2024 14:42	1/22/2024 19:25	283	0
506261	1/22/2024 14:42	1/22/2024 19:15	273	0
611270	1/22/2024 14:43	1/22/2024 19:05	262	0
1465391	1/22/2024 14:43	1/22/2024 19:20	277	0
1516579	1/22/2024 14:44	1/22/2024 14:55	11	0
29635	1/22/2024 14:45	1/22/2024 19:17	272	0
160073	1/22/2024 14:45	1/22/2024 18:52	247	0
574993	1/22/2024 14:46	1/22/2024 15:07	21	0
51957	1/22/2024 14:47	1/22/2024 19:09	262	0
430114	1/22/2024 14:47	1/22/2024 17:19	152	0
590897	1/22/2024 14:47	1/22/2024 19:14	267	0
7518767	1/22/2024 14:48	1/22/2024 19:21	273	0
926657	1/22/2024 14:48	1/22/2024 19:05	257	0
449377	1/22/2024 14:49	1/22/2024 16:29	100	0
417158	1/22/2024 14:51	1/22/2024 19:14	263	0
449036	1/22/2024 14:51	1/22/2024 19:14	263	0
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643812	1/22/2024 14:53	1/22/2024 19:15	262	0
199354	1/22/2024 14:53	1/22/2024 19:05	252	0
1671958	1/22/2024 14:53	1/22/2024 23:06	493	0
416557	1/22/2024 14:54	1/22/2024 18:50	236	0
199337	1/22/2024 14:55	1/22/2024 18:30	215	0
643434	1/22/2024 14:55	1/22/2024 19:21	266	0
644030	1/22/2024 14:55	1/22/2024 19:12	257	0
1516579	1/22/2024 14:55	1/22/2024 14:59	4	0
418876	1/22/2024 14:55	1/22/2024 19:07	252	0
1515733	1/22/2024 14:57	1/22/2024 19:25	268	0
957216	1/22/2024 14:59	1/22/2024 19:06	247	0
1516579	1/22/2024 14:59	1/22/2024 15:10	11	0
955448	1/22/2024 15:00	1/22/2024 19:02	242	0
8495802	1/22/2024 15:01	1/22/2024 19:29	268	0
859747	1/22/2024 15:03	1/22/2024 19:25	262	0
1583853	1/22/2024 15:03	1/22/2024 19:14	251	0
860281	1/22/2024 15:03	1/22/2024 19:00	237	0
675499	1/22/2024 15:05	1/22/2024 19:01	236	0
1664433	1/22/2024 15:06	1/22/2024 15:38	32	0
1535304	1/22/2024 15:06	1/22/2024 19:28	262	0
574993	1/22/2024 15:07	1/22/2024 15:12	5	0

1463218	1/22/2024 15:09	1/22/2024 18:55	226	0
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658177	1/22/2024 15:10	1/22/2024 19:06	236	0
571847	1/22/2024 15:10	1/22/2024 18:50	220	0
1464949	1/22/2024 15:11	1/22/2024 19:23	252	0
1535397	1/22/2024 15:12	1/22/2024 17:50	158	0
574993	1/22/2024 15:12	1/22/2024 15:22	10	0
353371	1/22/2024 15:13	1/22/2024 19:20	247	0
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1565203	1/22/2024 15:15	1/22/2024 19:17	242	0
1516579	1/22/2024 15:15	1/22/2024 15:26	11	0
353651	1/22/2024 15:15	1/22/2024 18:05	170	0
353082	1/22/2024 15:17	1/22/2024 19:03	226	0
70277	1/22/2024 15:20	1/22/2024 19:26	246	0
574993	1/22/2024 15:22	1/22/2024 15:28	6	0
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574993	1/22/2024 15:28	1/22/2024 15:38	10	0
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353728	1/22/2024 15:35	1/22/2024 19:21	226	0
1664433	1/22/2024 15:38	1/22/2024 19:18	220	0
574993	1/22/2024 15:38	1/22/2024 15:43	5	0
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1469956	1/22/2024 15:41	1/22/2024 19:17	216	0
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1469850	1/22/2024 15:42	1/22/2024 19:23	221	0
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1465703	1/22/2024 15:46	1/22/2024 19:26	220	0
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319279	1/22/2024 15:54	1/22/2024 19:31	217	0
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316997	1/22/2024 15:55	1/22/2024 19:25	210	0
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574993	1/22/2024 16:36	1/22/2024 16:41	5	0
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199337	1/22/2024 18:30	1/23/2024 9:00	869.92	0
997397	1/22/2024 18:32	1/23/2024 9:00	867.73	0
800590	1/22/2024 18:32	1/23/2024 9:00	867.88	0
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197883	1/22/2024 18:44	1/23/2024 9:00	855.92	0
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1446401	1/22/2024 18:47	1/23/2024 9:00	852.87	0
274059	1/22/2024 18:49	1/23/2024 9:00	850.92	0
571799	1/22/2024 18:49	1/23/2024 9:00	850.78	0
571847	1/22/2024 18:50	1/23/2024 9:00	849.78	0
416557	1/22/2024 18:50	1/23/2024 9:00	849.78	0
350406	1/22/2024 18:50	1/23/2024 9:00	849.92	0

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160073	1/22/2024 18:52	1/23/2024 9:00	847.73	0
277818	1/22/2024 18:52	1/23/2024 9:00	847.92	0
275018	1/22/2024 18:52	1/23/2024 9:00	847.92	0
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196408	1/22/2024 18:54	1/23/2024 9:00	845.92	0
995564	1/22/2024 18:54	1/23/2024 9:00	845.73	0
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315380	1/22/2024 18:55	1/23/2024 9:00	844.92	0
197561	1/22/2024 18:55	1/23/2024 9:00	844.92	0
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1453263	1/22/2024 18:56	1/23/2024 9:00	843.87	0
47769	1/22/2024 18:56	1/23/2024 9:00	843.92	0
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346185	1/22/2024 18:56	1/23/2024 9:00	843.92	0
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252859	1/22/2024 18:57	1/23/2024 9:00	842.92	0
772378	1/22/2024 18:57	1/23/2024 9:00	842.78	0
276488	1/22/2024 18:58	1/23/2024 9:00	841.92	0
312846	1/22/2024 18:59	1/23/2024 9:00	840.92	0
346135	1/22/2024 18:59	1/23/2024 9:00	840.92	0
342796	1/22/2024 18:59	1/23/2024 9:00	840.92	0
860281	1/22/2024 19:00	1/23/2024 9:00	839.88	0
315752	1/22/2024 19:00	1/23/2024 9:00	839.92	0
801004	1/22/2024 19:00	1/23/2024 9:00	839.88	0
956968	1/22/2024 19:00	1/23/2024 9:00	839.73	0
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952445	1/22/2024 19:01	1/23/2024 9:00	838.73	0
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1431804	1/22/2024 19:02	1/23/2024 9:00	837.87	0
1595324	1/22/2024 19:02	1/23/2024 9:00	837.87	0
317233	1/22/2024 19:02	1/23/2024 9:00	837.92	0
8387677	1/22/2024 19:02	1/23/2024 9:00	837.92	0
195839	1/22/2024 19:02	1/23/2024 9:00	837.92	0
956125	1/22/2024 19:03	1/23/2024 9:00	836.73	0

561757	1/22/2024 19:03	1/23/2024 9:00	836.78	0
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315345	1/22/2024 19:04	1/23/2024 9:00	835.92	0
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196965	1/22/2024 19:05	1/23/2024 9:00	834.92	0
199354	1/22/2024 19:05	1/23/2024 9:00	834.92	0
808384	1/22/2024 19:05	1/23/2024 9:00	834.88	0
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593798	1/22/2024 19:07	1/23/2024 9:00	832.78	0
926503	1/22/2024 19:07	1/23/2024 9:00	832.88	0
418876	1/22/2024 19:07	1/23/2024 9:00	832.78	0
562856	1/22/2024 19:07	1/23/2024 9:00	832.78	0
903630	1/22/2024 19:07	1/23/2024 9:00	832.88	0
274125	1/22/2024 19:07	1/23/2024 9:00	832.92	0
971524	1/22/2024 19:07	1/23/2024 9:00	832.78	0
656343	1/22/2024 19:07	1/23/2024 9:00	832.88	0
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624953	1/22/2024 19:08	1/23/2024 9:00	831.78	0
415664	1/22/2024 19:08	1/23/2024 9:00	831.78	0
926638	1/22/2024 19:08	1/23/2024 9:00	831.88	0
8972545	1/22/2024 19:08	1/23/2024 9:00	831.78	0
265955	1/22/2024 19:08	1/23/2024 9:00	831.92	0
1092960	1/22/2024 19:09	1/23/2024 9:00	830.78	0
664453	1/22/2024 19:09	1/23/2024 9:00	830.88	0
51957	1/22/2024 19:09	1/23/2024 9:00	830.92	0
626477	1/22/2024 19:09	1/23/2024 9:00	830.78	0
627018	1/22/2024 19:09	1/23/2024 9:00	830.78	0
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563241	1/22/2024 19:10	1/23/2024 9:00	829.78	0

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380057	1/22/2024 19:11	1/23/2024 9:00	828.78	0
313269	1/22/2024 19:12	1/23/2024 9:00	827.92	0
1093833	1/22/2024 19:12	1/23/2024 9:00	827.78	0
314564	1/22/2024 19:12	1/23/2024 9:00	827.92	0
624716	1/22/2024 19:12	1/23/2024 9:00	827.78	0
644030	1/22/2024 19:12	1/23/2024 9:00	827.78	0
456099	1/22/2024 19:12	1/23/2024 9:00	827.78	0
197356	1/22/2024 19:12	1/23/2024 9:00	827.92	0
611116	1/22/2024 19:13	1/23/2024 9:00	826.78	0
1430553	1/22/2024 19:13	1/23/2024 9:00	826.87	0
197629	1/22/2024 19:13	1/23/2024 9:00	826.92	0
417158	1/22/2024 19:14	1/23/2024 9:00	825.78	0
927251	1/22/2024 19:14	1/23/2024 9:00	825.88	0
1459057	1/22/2024 19:14	1/23/2024 9:00	825.87	0
1434316	1/22/2024 19:14	1/23/2024 9:00	825.87	0
449036	1/22/2024 19:14	1/23/2024 9:00	825.78	0
574596	1/22/2024 19:14	1/23/2024 9:00	825.78	0
1430644	1/22/2024 19:14	1/23/2024 9:00	825.87	0
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590897	1/22/2024 19:14	1/23/2024 9:00	825.78	0
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1583853	1/22/2024 19:14	1/23/2024 9:00	825.87	0
9313875	1/22/2024 19:15	1/23/2024 9:00	824.87	0
658837	1/22/2024 19:15	1/23/2024 9:00	824.88	0
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506261	1/22/2024 19:15	1/23/2024 9:00	824.78	0
346288	1/22/2024 19:15	1/23/2024 9:00	824.92	0
457729	1/22/2024 19:15	1/23/2024 9:00	824.78	0
643812	1/22/2024 19:15	1/23/2024 9:00	824.78	0
1466357	1/22/2024 19:15	1/23/2024 9:00	824.87	0
643196	1/22/2024 19:15	1/23/2024 9:00	824.78	0
1469270	1/22/2024 19:15	1/23/2024 8:42	807	0
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1438807	1/22/2024 19:16	1/23/2024 9:00	823.87	0
1683861	1/22/2024 19:16	1/23/2024 9:00	823.92	0
619266	1/22/2024 19:16	1/23/2024 9:00	823.78	0
1430838	1/22/2024 19:16	1/23/2024 9:00	823.87	0
1595351	1/22/2024 19:16	1/23/2024 8:03	767	0
1565203	1/22/2024 19:17	1/23/2024 9:00	822.87	0
1469956	1/22/2024 19:17	1/23/2024 8:38	801	0
6761269	1/22/2024 19:17	1/23/2024 9:00	822.92	0
1609415	1/22/2024 19:17	1/23/2024 8:03	766	0
415195	1/22/2024 19:17	1/23/2024 9:00	822.78	0
498070	1/22/2024 19:17	1/23/2024 9:00	822.78	0
454861	1/22/2024 19:17	1/23/2024 9:00	822.78	0

751178	1/22/2024 19:17	1/23/2024 9:00	822.78	0
29635	1/22/2024 19:17	1/23/2024 9:00	822.92	0
1444809	1/22/2024 19:17	1/23/2024 7:59	762	0
1535035	1/22/2024 19:17	1/23/2024 9:00	822.87	0
1609222	1/22/2024 19:17	1/23/2024 9:00	822.87	0
449377	1/22/2024 19:17	1/22/2024 19:54	37	0
1468500	1/22/2024 19:18	1/23/2024 9:00	821.87	0
1436742	1/22/2024 19:18	1/23/2024 9:00	821.87	0
345647	1/22/2024 19:18	1/23/2024 9:00	821.92	0
1664433	1/22/2024 19:18	1/23/2024 9:00	821.88	0
1445317	1/22/2024 19:18	1/23/2024 7:58	760	0
1077082	1/22/2024 19:18	1/23/2024 9:00	821.78	0
277301	1/22/2024 19:19	1/23/2024 9:00	820.92	0
1556486	1/22/2024 19:19	1/23/2024 9:00	820.87	0
1509486	1/22/2024 19:19	1/23/2024 9:00	820.87	0
612938	1/22/2024 19:19	1/23/2024 9:00	820.78	0
926505	1/22/2024 19:20	1/23/2024 9:00	819.88	0
347230	1/22/2024 19:20	1/23/2024 8:02	762	0
1556434	1/22/2024 19:20	1/23/2024 9:00	819.87	0
1465391	1/22/2024 19:20	1/23/2024 8:25	785	0
353371	1/22/2024 19:20	1/23/2024 9:00	819.92	0
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8524544	1/22/2024 19:21	1/23/2024 9:00	818.92	0
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8434548	1/22/2024 19:21	1/23/2024 9:00	818.92	0
547577	1/22/2024 19:21	1/23/2024 9:00	818.92	0
353728	1/22/2024 19:21	1/23/2024 9:00	818.92	0
1514000	1/22/2024 19:21	1/23/2024 9:00	818.87	0
501613	1/22/2024 19:21	1/23/2024 9:00	818.78	0
808829	1/22/2024 19:21	1/23/2024 9:00	818.88	0
381982	1/22/2024 19:22	1/23/2024 9:00	817.78	0
328113	1/22/2024 19:22	1/23/2024 9:00	817.92	0
627289	1/22/2024 19:22	1/23/2024 9:00	817.78	0
10393495	1/22/2024 19:22	1/23/2024 9:00	817.92	0
1556565	1/22/2024 19:22	1/23/2024 9:00	817.87	0
567126	1/22/2024 19:22	1/23/2024 9:00	817.78	0
49209	1/22/2024 19:22	1/23/2024 9:00	817.92	0
1439908	1/22/2024 19:23	1/23/2024 9:00	816.87	0
1464949	1/22/2024 19:23	1/23/2024 9:00	816.87	0
1469866	1/22/2024 19:23	1/23/2024 9:00	816.87	0
1511251	1/22/2024 19:23	1/23/2024 9:00	816.87	0
11081884	1/22/2024 19:23	1/23/2024 9:00	816.92	0
1469850	1/22/2024 19:23	1/23/2024 8:41	798	0

314163	1/22/2024 19:23	1/23/2024 9:00	816.92	0
381338	1/22/2024 19:23	1/23/2024 9:00	816.78	0
1524033	1/22/2024 19:23	1/23/2024 9:00	816.87	0
325050	1/22/2024 19:23	1/23/2024 9:00	816.92	0
315169	1/22/2024 19:23	1/23/2024 9:00	816.92	0
8068454	1/22/2024 19:24	1/23/2024 9:00	815.78	0
1573666	1/22/2024 19:24	1/23/2024 9:00	815.87	0
1081237	1/22/2024 19:24	1/23/2024 9:00	815.9	0
343205	1/22/2024 19:24	1/23/2024 9:00	815.92	0
279833	1/22/2024 19:24	1/23/2024 9:00	815.92	0
8511623	1/22/2024 19:24	1/23/2024 9:00	815.92	0
344958	1/22/2024 19:24	1/23/2024 9:00	815.92	0
125572	1/22/2024 19:24	1/23/2024 9:00	815.92	0
316630	1/22/2024 19:24	1/23/2024 9:00	815.92	0
1466445	1/22/2024 19:24	1/23/2024 8:24	780	0
1465282	1/22/2024 19:24	1/23/2024 8:25	781	0
1435531	1/22/2024 19:24	1/23/2024 9:00	815.87	0
859747	1/22/2024 19:25	1/23/2024 9:00	814.88	0
1519715	1/22/2024 19:25	1/23/2024 9:00	814.87	0
1515964	1/22/2024 19:25	1/23/2024 9:00	814.87	0
315306	1/22/2024 19:25	1/23/2024 9:00	814.92	0
267537	1/22/2024 19:25	1/23/2024 9:00	814.92	0
1076617	1/22/2024 19:25	1/23/2024 9:00	814.78	0
313954	1/22/2024 19:25	1/23/2024 9:00	814.92	0
9524954	1/22/2024 19:25	1/23/2024 9:00	814.87	0
316997	1/22/2024 19:25	1/23/2024 9:00	814.92	0
314945	1/22/2024 19:25	1/23/2024 8:54	809	0
1521655	1/22/2024 19:25	1/23/2024 9:00	814.87	0
21820	1/22/2024 19:25	1/23/2024 9:00	814.92	0
642003	1/22/2024 19:25	1/23/2024 9:00	814.78	0
1515733	1/22/2024 19:25	1/23/2024 9:00	814.87	0
8486022	1/22/2024 19:25	1/23/2024 9:00	814.87	0
324290	1/22/2024 19:26	1/23/2024 9:00	813.92	0
605186	1/22/2024 19:26	1/23/2024 9:00	813.78	0
455994	1/22/2024 19:26	1/23/2024 9:00	813.78	0
70277	1/22/2024 19:26	1/23/2024 9:00	813.92	0
1609484	1/22/2024 19:26	1/23/2024 8:02	756	0
315616	1/22/2024 19:26	1/23/2024 9:00	813.92	0
509233	1/22/2024 19:26	1/23/2024 9:00	813.78	0
1465703	1/22/2024 19:26	1/23/2024 9:00	813.87	0
1610090	1/22/2024 19:26	1/23/2024 9:00	813.87	0
1514004	1/22/2024 19:26	1/23/2024 9:00	813.87	0
7902724	1/22/2024 19:26	1/23/2024 8:33	787	0
1512146	1/22/2024 19:27	1/23/2024 9:00	812.87	0
350517	1/22/2024 19:27	1/23/2024 8:03	756	0
378229	1/22/2024 19:27	1/23/2024 9:00	812.78	0
1609551	1/22/2024 19:27	1/23/2024 8:02	755	0

345957	1/22/2024 19:27	1/23/2024 9:00	812.92	0
8834169	1/22/2024 19:27	1/23/2024 9:00	812.87	0
346967	1/22/2024 19:27	1/23/2024 9:00	812.92	0
313011	1/22/2024 19:27	1/23/2024 9:00	812.92	0
1520371	1/22/2024 19:27	1/23/2024 9:00	812.87	0
314188	1/22/2024 19:27	1/23/2024 9:00	812.92	0
324249	1/22/2024 19:27	1/23/2024 9:00	812.92	0
315730	1/22/2024 19:28	1/23/2024 9:00	811.92	0
8495805	1/22/2024 19:28	1/23/2024 9:00	811.78	0
342572	1/22/2024 19:28	1/23/2024 9:00	811.92	0
349467	1/22/2024 19:28	1/23/2024 9:00	811.92	0
1535304	1/22/2024 19:28	1/23/2024 9:00	811.87	0
399291	1/22/2024 19:28	1/23/2024 9:00	811.78	0
346347	1/22/2024 19:28	1/23/2024 9:00	811.92	0
1680798	1/22/2024 19:28	1/23/2024 7:58	750	0
323747	1/22/2024 19:29	1/23/2024 9:00	810.92	0
7178975	1/22/2024 19:29	1/23/2024 9:00	810.92	0
54324	1/22/2024 19:29	1/23/2024 9:00	810.92	0
454901	1/22/2024 19:29	1/23/2024 9:00	810.78	0
8495802	1/22/2024 19:29	1/23/2024 9:00	810.87	0
1523524	1/22/2024 19:30	1/23/2024 9:00	809.87	0
323657	1/22/2024 19:30	1/23/2024 9:00	809.92	0
324045	1/22/2024 19:30	1/23/2024 9:00	809.92	0
457978	1/22/2024 19:30	1/23/2024 9:00	809.78	0
1519179	1/22/2024 19:30	1/23/2024 9:00	809.87	0
8590289	1/22/2024 19:30	1/23/2024 9:00	809.78	0
8148103	1/22/2024 19:31	1/23/2024 9:00	808.92	0
319279	1/22/2024 19:31	1/23/2024 9:00	808.92	0
313731	1/22/2024 19:31	1/23/2024 9:00	808.92	0
56060	1/22/2024 19:31	1/23/2024 9:00	808.92	0
1521914	1/22/2024 19:31	1/23/2024 9:00	808.87	0
8605921	1/22/2024 19:32	1/23/2024 9:00	807.92	0
1641091	1/22/2024 19:32	1/23/2024 9:00	807.87	0
455345	1/22/2024 19:42	1/23/2024 9:00	797.78	0
449377	1/22/2024 19:54	1/22/2024 21:07	73	0
350346	1/22/2024 20:14	1/23/2024 9:00	765.92	0
449377	1/22/2024 21:07	1/22/2024 21:18	11	0
449377	1/22/2024 21:18	1/22/2024 22:26	68	0
197690	1/22/2024 21:45	1/23/2024 9:00	674.92	0
449377	1/22/2024 22:26	1/22/2024 23:55	89	0
1671958	1/22/2024 23:06	1/23/2024 9:00	593.78	0
449377	1/22/2024 23:55	1/23/2024 0:06	11	0
449377	1/23/2024 0:06	1/23/2024 0:16	10	0
449377	1/23/2024 0:16	1/23/2024 2:38	142	0
449377	1/23/2024 2:38	1/23/2024 3:57	79	0
1535575	1/23/2024 3:30	1/23/2024 9:00	329.87	0
449377	1/23/2024 3:57	1/23/2024 5:36	99	0

449377	1/23/2024 5:36	1/23/2024 6:39	63	0
449377	1/23/2024 6:39	1/23/2024 7:53	74	0
449377	1/23/2024 7:53	1/23/2024 8:29	36	0
1445317	1/23/2024 7:58	1/23/2024 9:00	61.87	0
1680798	1/23/2024 7:58	1/23/2024 9:00	61.92	0
1444809	1/23/2024 7:59	1/23/2024 9:00	60.87	0
1609484	1/23/2024 8:02	1/23/2024 9:00	57.87	0
1609551	1/23/2024 8:02	1/23/2024 9:00	57.87	0
347230	1/23/2024 8:02	1/23/2024 9:00	57.92	0
1595351	1/23/2024 8:03	1/23/2024 9:00	56.87	0
1609415	1/23/2024 8:03	1/23/2024 9:00	56.87	0
350517	1/23/2024 8:03	1/23/2024 9:00	56.92	0
1466445	1/23/2024 8:24	1/23/2024 9:00	35.87	0
1465282	1/23/2024 8:25	1/23/2024 9:00	34.87	0
1465391	1/23/2024 8:25	1/23/2024 9:00	34.87	0
449377	1/23/2024 8:29	1/23/2024 8:40	11	0
1466638	1/23/2024 8:30	1/23/2024 9:00	29.87	0
65245	1/23/2024 8:33	1/23/2024 9:00	26.92	0
7902724	1/23/2024 8:33	1/23/2024 9:00	26.92	0
1469956	1/23/2024 8:38	1/23/2024 9:00	21.87	0
449377	1/23/2024 8:40	1/23/2024 9:00	19.78	0
1469850	1/23/2024 8:41	1/23/2024 9:00	18.87	0
1469270	1/23/2024 8:42	1/23/2024 9:00	17.87	0
314945	1/23/2024 8:54	1/23/2024 9:00	5.92	0
317195	1/23/2024 8:55	1/23/2024 9:00	4.92	0
345957	1/23/2024 9:00	1/23/2024 10:14	74	0
593798	1/23/2024 9:00	1/23/2024 19:26	626	0
593366	1/23/2024 9:00	1/23/2024 19:10	610	0
593397	1/23/2024 9:00	1/23/2024 19:11	611	0
315169	1/23/2024 9:00	1/23/2024 14:18	318	0
5834752	1/23/2024 9:00	1/24/2024 9:00	1439.92	0
280780	1/23/2024 9:00	1/24/2024 9:00	1439.92	0
7902724	1/23/2024 9:00	1/23/2024 10:19	79	0
447406	1/23/2024 9:00	1/24/2024 9:00	1439.78	0
315730	1/23/2024 9:00	1/23/2024 14:17	317	0
8605921	1/23/2024 9:00	1/23/2024 10:04	64	0
558031	1/23/2024 9:00	1/23/2024 19:13	613	0
1552447	1/23/2024 9:00	1/24/2024 9:00	1439.87	0
195216	1/23/2024 9:00	1/24/2024 9:00	1439.92	0
1516786	1/23/2024 9:00	1/24/2024 9:00	1439.87	0
314188	1/23/2024 9:00	1/23/2024 14:21	321	0
8766703	1/23/2024 9:00	1/24/2024 9:00	1439.73	0
1516579	1/23/2024 9:00	1/23/2024 10:52	112	0
319279	1/23/2024 9:00	1/23/2024 11:06	126	0
1469301	1/23/2024 9:00	1/24/2024 9:00	1439.87	0
7194273	1/23/2024 9:00	1/24/2024 9:00	1439.87	0
51957	1/23/2024 9:00	1/23/2024 19:20	620	0

675499	1/23/2024 9:00	1/23/2024 11:01	121	0
509233	1/23/2024 9:00	1/23/2024 14:24	324	0
7178975	1/23/2024 9:00	1/23/2024 14:18	318	0
8668965	1/23/2024 9:07	1/23/2024 10:52	105	0
1513541	1/23/2024 9:07	1/24/2024 9:00	1432.87	0
772378	1/23/2024 9:07	1/23/2024 11:08	121	0
1552990	1/23/2024 9:07	1/24/2024 9:00	1432.87	0
6761269	1/23/2024 9:07	1/24/2024 9:00	1432.92	0
554089	1/23/2024 9:08	1/24/2024 9:00	1431.78	0
561757	1/23/2024 9:08	1/23/2024 19:02	594	0
574993	1/23/2024 9:08	1/23/2024 11:40	152	0
1469956	1/23/2024 9:10	1/23/2024 19:05	595	0
1466445	1/23/2024 9:11	1/23/2024 19:15	604	0
1465282	1/23/2024 9:12	1/23/2024 19:16	604	0
1465391	1/23/2024 9:12	1/23/2024 19:10	598	0
1444809	1/23/2024 9:12	1/23/2024 19:07	595	0
1469850	1/23/2024 9:12	1/23/2024 19:07	595	0
1469270	1/23/2024 9:13	1/23/2024 19:12	599	0
1445317	1/23/2024 9:13	1/23/2024 19:08	595	0
1595351	1/23/2024 9:16	1/23/2024 19:08	592	0
1609484	1/23/2024 9:16	1/23/2024 11:33	137	0
1609551	1/23/2024 9:16	1/23/2024 11:32	136	0
349467	1/23/2024 9:18	1/23/2024 19:16	598	0
1609415	1/23/2024 9:18	1/23/2024 11:33	135	0
1609222	1/23/2024 9:19	1/23/2024 11:35	136	0
353728	1/23/2024 9:19	1/24/2024 9:00	1420.92	0
10628562	1/23/2024 9:20	1/23/2024 11:31	131	0
8387677	1/23/2024 9:23	1/23/2024 10:55	92	0
314945	1/23/2024 9:25	1/23/2024 19:14	589	0
317195	1/23/2024 9:26	1/23/2024 19:04	578	0
1680798	1/23/2024 9:28	1/23/2024 19:16	588	0
1466638	1/23/2024 9:28	1/23/2024 14:12	284	0
347230	1/23/2024 9:31	1/23/2024 19:08	577	0
1465703	1/23/2024 9:31	1/23/2024 14:14	283	0
350517	1/23/2024 9:32	1/23/2024 19:12	580	0
275018	1/23/2024 9:35	1/23/2024 11:35	120	0
274522	1/23/2024 9:35	1/23/2024 11:33	118	0
276488	1/23/2024 9:35	1/23/2024 11:36	121	0
279833	1/23/2024 9:35	1/23/2024 11:36	121	0
506261	1/23/2024 9:36	1/23/2024 14:22	286	0.06
275495	1/23/2024 9:37	1/23/2024 11:38	121	0
10393495	1/23/2024 9:38	1/23/2024 19:16	578	0
4173986	1/23/2024 9:38	1/23/2024 11:38	120	0
325050	1/23/2024 9:38	1/23/2024 19:11	573	0
10510361	1/23/2024 9:38	1/23/2024 19:10	572	0
8104722	1/23/2024 9:39	1/23/2024 19:11	572	0
315345	1/23/2024 9:41	1/23/2024 19:11	570	0

8486022	1/23/2024 9:41	1/23/2024 19:08	567	0
314899	1/23/2024 9:41	1/23/2024 19:08	567	0
317797	1/23/2024 9:41	1/23/2024 19:10	569	0
523489	1/23/2024 9:41	1/23/2024 19:13	572	0
1446401	1/23/2024 9:42	1/23/2024 18:57	555	0
318402	1/23/2024 9:42	1/23/2024 19:09	567	0
317084	1/23/2024 9:42	1/23/2024 19:14	572	0
1077082	1/23/2024 9:49	1/23/2024 11:49	120	0
317233	1/23/2024 9:53	1/23/2024 19:22	569	0
315346	1/23/2024 9:53	1/23/2024 19:08	555	0
510974	1/23/2024 9:55	1/23/2024 14:23	268	0
1524033	1/23/2024 9:55	1/23/2024 11:56	121	0
590897	1/23/2024 10:00	1/23/2024 19:13	553	0
197629	1/23/2024 10:01	1/23/2024 11:36	95	0
195839	1/23/2024 10:01	1/23/2024 14:45	284	0
197883	1/23/2024 10:02	1/23/2024 11:36	94	0
196408	1/23/2024 10:02	1/23/2024 11:32	90	0
926657	1/23/2024 10:03	1/23/2024 14:21	258	0
8605921	1/23/2024 10:04	1/23/2024 19:21	557	0
49209	1/23/2024 10:04	1/23/2024 19:16	552	0
47769	1/23/2024 10:04	1/23/2024 19:05	541	0
498070	1/23/2024 10:05	1/23/2024 19:15	550	0
197690	1/23/2024 10:05	1/23/2024 11:34	89	0
1439908	1/23/2024 10:05	1/24/2024 9:00	1374.87	0
8972545	1/23/2024 10:06	1/23/2024 11:51	105	0
500173	1/23/2024 10:06	1/23/2024 19:12	546	0
605186	1/23/2024 10:07	1/23/2024 19:13	546	0
316997	1/23/2024 10:07	1/23/2024 19:13	546	0
1435127	1/23/2024 10:07	1/23/2024 19:08	541	0
1437071	1/23/2024 10:07	1/23/2024 19:08	541	0
8148103	1/23/2024 10:07	1/23/2024 10:13	6	0
1437276	1/23/2024 10:08	1/24/2024 9:00	1371.87	0
1438878	1/23/2024 10:08	1/24/2024 9:00	1371.87	0
1438807	1/23/2024 10:09	1/24/2024 9:00	1370.87	0
601397	1/23/2024 10:09	1/23/2024 14:52	283	0
1437279	1/23/2024 10:09	1/24/2024 9:00	1370.87	0
806370	1/23/2024 10:10	1/23/2024 19:11	541	0
29635	1/23/2024 10:10	1/23/2024 14:59	289	0
381982	1/23/2024 10:11	1/23/2024 19:17	546	0
8511623	1/23/2024 10:11	1/23/2024 19:12	541	0
344958	1/23/2024 10:11	1/23/2024 19:12	541	0
7879030	1/23/2024 10:11	1/23/2024 19:06	535	0
315306	1/23/2024 10:11	1/23/2024 19:11	540	0
188639	1/23/2024 10:11	1/23/2024 12:11	120	0
8910809	1/23/2024 10:12	1/23/2024 19:03	531	0
25674	1/23/2024 10:12	1/23/2024 12:11	119	0
34905	1/23/2024 10:12	1/23/2024 19:12	540	0

1671958	1/23/2024 10:13	1/23/2024 19:09	536	0
8148103	1/23/2024 10:13	1/23/2024 19:14	541	0
24124	1/23/2024 10:13	1/23/2024 12:13	120	0
346135	1/23/2024 10:13	1/23/2024 19:08	535	0
6995795	1/23/2024 10:14	1/23/2024 19:04	530	0
345957	1/23/2024 10:14	1/23/2024 19:15	541	0
547577	1/23/2024 10:14	1/23/2024 19:15	541	0
380057	1/23/2024 10:15	1/23/2024 19:10	535	0
328113	1/23/2024 10:15	1/23/2024 11:02	47	0
418876	1/23/2024 10:15	1/23/2024 19:08	533	0
346347	1/23/2024 10:16	1/23/2024 19:16	540	0
417158	1/23/2024 10:17	1/23/2024 19:07	530	0
350406	1/23/2024 10:19	1/23/2024 14:47	268	0
70866	1/23/2024 10:19	1/23/2024 13:49	210	0
7902724	1/23/2024 10:19	1/23/2024 10:34	15	0
8495805	1/23/2024 10:21	1/23/2024 11:50	89	0
449036	1/23/2024 10:21	1/23/2024 14:19	238	0
449377	1/23/2024 10:21	1/23/2024 10:32	11	0
274125	1/23/2024 10:22	1/23/2024 11:36	74	0
274059	1/23/2024 10:22	1/23/2024 11:36	74	0
281235	1/23/2024 10:22	1/23/2024 19:09	527	0
562202	1/23/2024 10:23	1/23/2024 10:28	5	0
1444636	1/23/2024 10:24	1/23/2024 19:09	525	0
560588	1/23/2024 10:24	1/23/2024 11:53	89	0
507365	1/23/2024 10:24	1/23/2024 14:23	239	0
508593	1/23/2024 10:25	1/23/2024 14:23	238	0
562346	1/23/2024 10:25	1/23/2024 11:55	90	0
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800590	1/23/2024 11:52	1/23/2024 14:24	152	0
96751	1/23/2024 11:52	1/23/2024 12:39	47	0
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801004	1/23/2024 11:54	1/23/2024 14:26	152	0
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1641091	1/23/2024 11:56	1/23/2024 19:17	441	0
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25674	1/23/2024 12:27	1/23/2024 17:00	273	0
29848	1/23/2024 12:28	1/23/2024 13:47	79	0
26864	1/23/2024 12:28	1/23/2024 13:46	78	0
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570022	1/23/2024 12:42	1/23/2024 19:11	389	0
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25066	1/23/2024 13:46	1/23/2024 19:11	325	0
955448	1/23/2024 13:46	1/23/2024 15:31	105	0
26864	1/23/2024 13:46	1/23/2024 19:12	326	0
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1535035	1/23/2024 17:53	1/23/2024 19:02	69	0
1020565	1/23/2024 18:43	1/24/2024 9:00	856.73	0
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997397	1/23/2024 18:52	1/24/2024 9:00	847.73	0
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1446401	1/23/2024 18:57	1/24/2024 9:00	842.87	0
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954332	1/23/2024 18:58	1/24/2024 9:00	841.73	0
196408	1/23/2024 18:58	1/24/2024 9:00	841.92	0
1597556	1/23/2024 18:58	1/24/2024 9:00	841.87	0
793638	1/23/2024 18:59	1/24/2024 9:00	840.88	0
1565203	1/23/2024 18:59	1/24/2024 9:00	840.87	0

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317126	1/23/2024 19:07	1/24/2024 9:00	832.92	0
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1435127	1/23/2024 19:08	1/24/2024 9:00	831.87	0
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588892	1/23/2024 19:08	1/24/2024 9:00	831.78	0
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315346	1/23/2024 19:08	1/24/2024 9:00	831.92	0
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29748	1/23/2024 19:09	1/24/2024 9:00	830.92	0
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281235	1/23/2024 19:09	1/24/2024 9:00	830.92	0
800588	1/23/2024 19:09	1/24/2024 9:00	830.88	0
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957216	1/23/2024 19:09	1/24/2024 9:00	830.73	0
277818	1/23/2024 19:09	1/24/2024 9:00	830.92	0
318402	1/23/2024 19:09	1/24/2024 9:00	830.92	0
328408	1/23/2024 19:09	1/24/2024 9:00	830.92	0
23566	1/23/2024 19:09	1/24/2024 9:00	830.92	0
1588725	1/23/2024 19:09	1/24/2024 9:00	830.87	0
96506	1/23/2024 19:09	1/24/2024 9:00	830.92	0
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956968	1/23/2024 19:09	1/24/2024 9:00	830.73	0
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800576	1/23/2024 19:10	1/24/2024 9:00	829.88	0
34832	1/23/2024 19:10	1/24/2024 9:00	829.92	0
1431804	1/23/2024 19:10	1/24/2024 9:00	829.87	0
275495	1/23/2024 19:10	1/24/2024 9:00	829.92	0
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593366	1/23/2024 19:10	1/24/2024 9:00	829.78	0
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1465391	1/23/2024 19:10	1/24/2024 9:00	829.87	0
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957615	1/23/2024 19:10	1/24/2024 9:00	829.73	0
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274522	1/23/2024 19:10	1/24/2024 9:00	829.92	0
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10510361	1/23/2024 19:10	1/24/2024 9:00	829.92	0
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1556565	1/23/2024 19:10	1/24/2024 9:00	829.87	0
1519715	1/23/2024 19:10	1/24/2024 9:00	829.87	0
97730	1/23/2024 19:10	1/24/2024 9:00	829.92	0
317797	1/23/2024 19:10	1/24/2024 9:00	829.92	0
792446	1/23/2024 19:10	1/24/2024 9:00	829.88	0
380057	1/23/2024 19:10	1/24/2024 9:00	829.78	0
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793737	1/23/2024 19:11	1/24/2024 9:00	828.88	0
21820	1/23/2024 19:11	1/24/2024 9:00	828.92	0
346185	1/23/2024 19:11	1/24/2024 9:00	828.92	0
593397	1/23/2024 19:11	1/24/2024 9:00	828.78	0
276488	1/23/2024 19:11	1/24/2024 9:00	828.92	0
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449377	1/23/2024 19:11	1/23/2024 19:43	32	0
315306	1/23/2024 19:11	1/24/2024 9:00	828.92	0

315345	1/23/2024 19:11	1/24/2024 9:00	828.92	0
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772378	1/23/2024 19:11	1/24/2024 9:00	828.78	0
971524	1/23/2024 19:11	1/24/2024 9:00	828.78	0
1453263	1/23/2024 19:11	1/24/2024 9:00	828.87	0
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8104722	1/23/2024 19:11	1/24/2024 9:00	828.92	0
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1434316	1/23/2024 19:11	1/24/2024 9:00	828.87	0
325050	1/23/2024 19:11	1/24/2024 9:00	828.92	0
275018	1/23/2024 19:11	1/24/2024 9:00	828.92	0
571420	1/23/2024 19:11	1/24/2024 9:00	828.78	0
955448	1/23/2024 19:11	1/24/2024 9:00	828.73	0
29635	1/23/2024 19:11	1/24/2024 9:00	828.92	0
806370	1/23/2024 19:11	1/24/2024 9:00	828.88	0
315730	1/23/2024 19:11	1/24/2024 8:19	788	0
23462	1/23/2024 19:11	1/24/2024 9:00	828.92	0
25066	1/23/2024 19:11	1/24/2024 9:00	828.92	0
926505	1/23/2024 19:11	1/24/2024 9:00	828.88	0
954637	1/23/2024 19:11	1/24/2024 9:00	828.73	0
500173	1/23/2024 19:12	1/24/2024 9:00	827.78	0
125572	1/23/2024 19:12	1/24/2024 9:00	827.92	0
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35442	1/23/2024 19:12	1/24/2024 9:00	827.92	0
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34905	1/23/2024 19:12	1/24/2024 9:00	827.92	0
8511623	1/23/2024 19:12	1/24/2024 9:00	827.92	0
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624953	1/23/2024 19:12	1/24/2024 9:00	827.78	0
1509486	1/23/2024 19:12	1/24/2024 9:00	827.87	0
507365	1/23/2024 19:12	1/24/2024 9:00	827.78	0
7178975	1/23/2024 19:12	1/24/2024 8:19	787	0
70866	1/23/2024 19:12	1/24/2024 9:00	827.92	0
277301	1/23/2024 19:12	1/24/2024 9:00	827.92	0
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1469270	1/23/2024 19:12	1/24/2024 8:39	807.55	0
626477	1/23/2024 19:13	1/24/2024 9:00	826.78	0
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664453	1/23/2024 19:13	1/24/2024 9:00	826.88	0
627018	1/23/2024 19:13	1/24/2024 9:00	826.78	0
558031	1/23/2024 19:13	1/24/2024 9:00	826.78	0

324045	1/23/2024 19:13	1/24/2024 9:00	826.92	0
323657	1/23/2024 19:13	1/24/2024 9:00	826.92	0
645144	1/23/2024 19:13	1/24/2024 9:00	826.78	0
316997	1/23/2024 19:13	1/24/2024 9:00	826.92	0
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590897	1/23/2024 19:13	1/24/2024 9:00	826.78	0
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449036	1/23/2024 19:13	1/24/2024 9:00	826.78	0
197629	1/23/2024 19:13	1/24/2024 9:00	826.92	0
563721	1/23/2024 19:13	1/24/2024 9:00	826.78	0
27483	1/23/2024 19:13	1/24/2024 9:00	826.92	0
794132	1/23/2024 19:13	1/24/2024 9:00	826.88	0
523489	1/23/2024 19:13	1/24/2024 9:00	826.92	0
196965	1/23/2024 19:13	1/24/2024 9:00	826.92	0
267537	1/23/2024 19:13	1/24/2024 9:00	826.92	0
308802	1/23/2024 19:13	1/24/2024 9:00	826.92	0
308032	1/23/2024 19:13	1/24/2024 9:00	826.92	0
314945	1/23/2024 19:14	1/24/2024 9:00	825.92	0
860281	1/23/2024 19:14	1/24/2024 9:00	825.88	0
7902724	1/23/2024 19:14	1/24/2024 8:48	814	0
645339	1/23/2024 19:14	1/24/2024 9:00	825.78	0
549370	1/23/2024 19:14	1/24/2024 9:00	825.78	0
548347	1/23/2024 19:14	1/24/2024 9:00	825.78	0
8148103	1/23/2024 19:14	1/24/2024 9:00	825.92	0
571799	1/23/2024 19:14	1/24/2024 9:00	825.78	0
1683861	1/23/2024 19:14	1/24/2024 9:00	825.92	0
483047	1/23/2024 19:14	1/24/2024 9:00	825.78	0
309944	1/23/2024 19:14	1/24/2024 9:00	825.92	0
792391	1/23/2024 19:14	1/24/2024 9:00	825.88	0
574596	1/23/2024 19:14	1/24/2024 9:00	825.78	0
317084	1/23/2024 19:14	1/24/2024 9:00	825.92	0
323747	1/23/2024 19:14	1/24/2024 9:00	825.92	0
197561	1/23/2024 19:14	1/24/2024 9:00	825.92	0
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624628	1/23/2024 19:14	1/24/2024 9:00	825.78	0
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567126	1/23/2024 19:15	1/24/2024 9:00	824.78	0
624716	1/23/2024 19:15	1/24/2024 9:00	824.78	0
350406	1/23/2024 19:15	1/24/2024 9:00	824.92	0
1466445	1/23/2024 19:15	1/24/2024 9:00	824.87	0
1521914	1/23/2024 19:15	1/24/2024 9:00	824.87	0
547577	1/23/2024 19:15	1/24/2024 9:00	824.92	0
801004	1/23/2024 19:15	1/24/2024 9:00	824.88	0

324249	1/23/2024 19:15	1/24/2024 9:00	824.92	0
1519179	1/23/2024 19:15	1/24/2024 9:00	824.87	0
345957	1/23/2024 19:15	1/24/2024 9:00	824.92	0
751178	1/23/2024 19:15	1/24/2024 9:00	824.78	0
4173986	1/23/2024 19:15	1/24/2024 9:00	824.92	0
455994	1/23/2024 19:15	1/24/2024 9:00	824.78	0
1512146	1/23/2024 19:15	1/24/2024 9:00	824.87	0
10393495	1/23/2024 19:16	1/24/2024 9:00	823.92	0
480889	1/23/2024 19:16	1/24/2024 9:00	823.78	0
1535304	1/23/2024 19:16	1/24/2024 9:00	823.87	0
11081884	1/23/2024 19:16	1/24/2024 9:00	823.92	0
1077082	1/23/2024 19:16	1/24/2024 9:00	823.78	0
49209	1/23/2024 19:16	1/24/2024 9:00	823.92	0
1670039	1/23/2024 19:16	1/24/2024 9:00	823.78	0
1680798	1/23/2024 19:16	1/24/2024 9:00	823.92	0
27443	1/23/2024 19:16	1/24/2024 9:00	823.92	0
562856	1/23/2024 19:16	1/24/2024 9:00	823.78	0
569554	1/23/2024 19:16	1/24/2024 9:00	823.78	0
8495805	1/23/2024 19:16	1/24/2024 9:00	823.78	0
69207	1/23/2024 19:16	1/24/2024 9:00	823.92	0
346347	1/23/2024 19:16	1/24/2024 9:00	823.92	0
349467	1/23/2024 19:16	1/24/2024 9:00	823.92	0
457729	1/23/2024 19:16	1/24/2024 9:00	823.78	0
454861	1/23/2024 19:16	1/24/2024 9:00	823.78	0
562346	1/23/2024 19:16	1/24/2024 9:00	823.78	0
24124	1/23/2024 19:16	1/24/2024 9:00	823.92	0
1465282	1/23/2024 19:16	1/24/2024 9:00	823.87	0
68620	1/23/2024 19:16	1/24/2024 9:00	823.92	0
457978	1/23/2024 19:17	1/24/2024 9:00	822.78	0
612938	1/23/2024 19:17	1/24/2024 9:00	822.78	0
7518767	1/23/2024 19:17	1/24/2024 9:00	822.92	0
619266	1/23/2024 19:17	1/24/2024 9:00	822.78	0
1430838	1/23/2024 19:17	1/24/2024 9:00	822.87	0
495335	1/23/2024 19:17	1/24/2024 9:00	822.78	0
561672	1/23/2024 19:17	1/24/2024 9:00	822.78	0
549596	1/23/2024 19:17	1/24/2024 9:00	822.78	0
1641091	1/23/2024 19:17	1/24/2024 9:00	822.87	0
381982	1/23/2024 19:17	1/24/2024 9:00	822.78	0
101426	1/23/2024 19:17	1/24/2024 9:00	822.92	0
479380	1/23/2024 19:18	1/24/2024 9:00	821.78	0
642003	1/23/2024 19:18	1/24/2024 9:00	821.78	0
274125	1/23/2024 19:18	1/24/2024 9:00	821.92	0
509233	1/23/2024 19:18	1/24/2024 9:00	821.78	0
197356	1/23/2024 19:19	1/24/2024 9:00	820.92	0
1074779	1/23/2024 19:19	1/24/2024 9:00	820.78	0
319279	1/23/2024 19:19	1/24/2024 9:00	820.92	0
859747	1/23/2024 19:19	1/24/2024 9:00	820.88	0

1465703	1/23/2024 19:19	1/24/2024 9:00	820.87	0
563415	1/23/2024 19:20	1/24/2024 9:00	819.78	0
1521509	1/23/2024 19:20	1/24/2024 9:00	819.87	0
601397	1/23/2024 19:20	1/24/2024 9:00	819.78	0
51957	1/23/2024 19:20	1/24/2024 9:00	819.92	0
189581	1/23/2024 19:20	1/24/2024 9:00	819.92	0
8068454	1/23/2024 19:21	1/24/2024 9:00	818.78	0
8605921	1/23/2024 19:21	1/24/2024 9:00	818.92	0
756553	1/23/2024 19:21	1/24/2024 9:00	818.78	0
378229	1/23/2024 19:22	1/24/2024 9:00	817.78	0
1664433	1/23/2024 19:22	1/24/2024 9:00	817.88	0
317233	1/23/2024 19:22	1/24/2024 9:00	817.92	0
9993412	1/23/2024 19:23	1/24/2024 9:00	816.78	0
1081237	1/23/2024 19:23	1/24/2024 9:00	816.9	0
593798	1/23/2024 19:26	1/24/2024 9:00	813.78	0
449377	1/23/2024 19:43	1/23/2024 20:04	21	0
449377	1/23/2024 20:04	1/23/2024 20:40	36	0
449377	1/23/2024 20:40	1/23/2024 21:12	32	0
8524544	1/23/2024 20:51	1/24/2024 9:00	728.92	0
274059	1/23/2024 20:52	1/24/2024 9:00	727.92	0
197690	1/23/2024 20:55	1/24/2024 9:00	724.92	0
449377	1/23/2024 21:12	1/23/2024 21:38	26	0
449377	1/23/2024 21:38	1/23/2024 21:43	5	0
449377	1/23/2024 21:43	1/23/2024 21:59	16	0
449377	1/23/2024 21:59	1/23/2024 22:51	52	0
449377	1/23/2024 22:51	1/24/2024 0:21	90	0
27852	1/23/2024 23:45	1/24/2024 9:00	554.92	0
1352967	1/24/2024 0:00	1/24/2024 9:00	539.72	0
1493766	1/24/2024 0:00	1/24/2024 9:00	539.72	0
1356945	1/24/2024 0:00	1/24/2024 8:10	490	0
1350104	1/24/2024 0:00	1/24/2024 9:00	539.72	0
1270983	1/24/2024 0:00	1/24/2024 9:00	539.72	0
1321750	1/24/2024 0:00	1/24/2024 9:00	539.72	0
1407881	1/24/2024 0:00	1/24/2024 9:00	539.72	0
1393633	1/24/2024 0:00	1/24/2024 9:00	539.72	0
8724095	1/24/2024 0:00	1/24/2024 9:00	539.72	0
1349083	1/24/2024 0:00	1/24/2024 9:00	539.72	0
1361770	1/24/2024 0:00	1/24/2024 9:00	539.72	0
1321605	1/24/2024 0:00	1/24/2024 9:00	539.72	0
1193174	1/24/2024 0:00	1/24/2024 9:00	539.72	0
1685329	1/24/2024 0:00	1/24/2024 9:00	539.72	0
1415828	1/24/2024 0:00	1/24/2024 9:00	539.72	0
1417279	1/24/2024 0:00	1/24/2024 9:00	539.72	0
1349502	1/24/2024 0:00	1/24/2024 9:00	539.72	0
1421188	1/24/2024 0:00	1/24/2024 9:00	539.72	0
1343695	1/24/2024 0:00	1/24/2024 9:00	539.72	0
1361623	1/24/2024 0:00	1/24/2024 8:37	517	0

1346671	1/24/2024 0:00	1/24/2024 9:00	539.72	0
7415418	1/24/2024 0:00	1/24/2024 9:00	539.72	0
10736160	1/24/2024 0:00	1/24/2024 9:00	539.72	0
1351588	1/24/2024 0:00	1/24/2024 9:00	539.72	0
1350598	1/24/2024 0:00	1/24/2024 9:00	539.72	0
1395587	1/24/2024 0:00	1/24/2024 9:00	539.72	0
1320646	1/24/2024 0:00	1/24/2024 9:00	539.72	0
1355729	1/24/2024 0:00	1/24/2024 9:00	539.72	0
8957908	1/24/2024 0:00	1/24/2024 9:00	539.72	0
1309098	1/24/2024 0:00	1/24/2024 9:00	539.72	0
1416360	1/24/2024 0:00	1/24/2024 9:00	539.72	0
1351954	1/24/2024 0:00	1/24/2024 9:00	539.72	0
1393699	1/24/2024 0:00	1/24/2024 9:00	539.72	0
1349766	1/24/2024 0:00	1/24/2024 9:00	539.72	0
1407628	1/24/2024 0:00	1/24/2024 9:00	539.72	0
1361528	1/24/2024 0:00	1/24/2024 9:00	539.72	0
1407632	1/24/2024 0:00	1/24/2024 9:00	539.72	0
1351069	1/24/2024 0:00	1/24/2024 9:00	539.72	0
1348976	1/24/2024 0:00	1/24/2024 9:00	539.72	0
1406535	1/24/2024 0:00	1/24/2024 7:57	477	0
1310926	1/24/2024 0:00	1/24/2024 9:00	539.72	0
1405290	1/24/2024 0:00	1/24/2024 9:00	539.72	0
1376158	1/24/2024 0:00	1/24/2024 7:57	477	0
1320845	1/24/2024 0:00	1/24/2024 9:00	539.72	0
9063373	1/24/2024 0:00	1/24/2024 9:00	539.72	0
1333801	1/24/2024 0:00	1/24/2024 9:00	539.72	0
1353016	1/24/2024 0:00	1/24/2024 9:00	539.72	0
1353525	1/24/2024 0:00	1/24/2024 9:00	539.72	0
1394365	1/24/2024 0:00	1/24/2024 9:00	539.72	0
1351812	1/24/2024 0:00	1/24/2024 9:00	539.72	0
1332906	1/24/2024 0:00	1/24/2024 9:00	539.72	0
1417138	1/24/2024 0:00	1/24/2024 9:00	539.72	0
1396057	1/24/2024 0:00	1/24/2024 9:00	539.72	0
1320619	1/24/2024 0:00	1/24/2024 9:00	539.72	0
1265778	1/24/2024 0:00	1/24/2024 9:00	539.72	0
1412757	1/24/2024 0:00	1/24/2024 9:00	539.72	0
1418240	1/24/2024 0:00	1/24/2024 9:00	539.72	0
2032900	1/24/2024 0:00	1/24/2024 9:00	539.72	0
1394324	1/24/2024 0:00	1/24/2024 9:00	539.72	0
1362855	1/24/2024 0:00	1/24/2024 8:39	519	0
1375642	1/24/2024 0:00	1/24/2024 9:00	539.72	0
1190820	1/24/2024 0:00	1/24/2024 9:00	539.72	0
1354444	1/24/2024 0:00	1/24/2024 9:00	539.72	0
1703519	1/24/2024 0:00	1/24/2024 9:00	539.72	0
1188303	1/24/2024 0:00	1/24/2024 9:00	539.72	0
1320008	1/24/2024 0:00	1/24/2024 9:00	539.72	0
1363415	1/24/2024 0:00	1/24/2024 9:00	539.72	0

1352388	1/24/2024 0:00	1/24/2024 9:00	539.72	0
1363588	1/24/2024 0:00	1/24/2024 9:00	539.72	0
1702895	1/24/2024 0:00	1/24/2024 9:00	539.72	0
1190246	1/24/2024 0:00	1/24/2024 9:00	539.72	0
1352482	1/24/2024 0:00	1/24/2024 9:00	539.72	0
1494722	1/24/2024 0:00	1/24/2024 9:00	539.72	0
1348444	1/24/2024 0:00	1/24/2024 9:00	539.72	0
1362130	1/24/2024 0:00	1/24/2024 9:00	539.72	0
1415622	1/24/2024 0:00	1/24/2024 9:00	539.72	0
449377	1/24/2024 0:21	1/24/2024 1:45	84	0
449377	1/24/2024 1:45	1/24/2024 2:27	42	0
449377	1/24/2024 2:27	1/24/2024 2:58	31	0
449377	1/24/2024 2:58	1/24/2024 3:40	42	0
449377	1/24/2024 3:40	1/24/2024 3:46	6	0
449377	1/24/2024 3:46	1/24/2024 4:01	15	0
449377	1/24/2024 4:01	1/24/2024 5:46	105	0
449377	1/24/2024 5:46	1/24/2024 6:13	27	0
449377	1/24/2024 6:13	1/24/2024 6:44	31	0
449377	1/24/2024 6:44	1/24/2024 7:21	37	0
449377	1/24/2024 7:21	1/24/2024 8:24	63	0
1406535	1/24/2024 7:57	1/24/2024 9:00	62.72	0
1376158	1/24/2024 7:57	1/24/2024 9:00	62.72	0
1356945	1/24/2024 8:10	1/24/2024 9:00	49.72	0
314188	1/24/2024 8:17	1/24/2024 9:00	42.92	0
315730	1/24/2024 8:19	1/24/2024 9:00	40.92	0
7178975	1/24/2024 8:19	1/24/2024 9:00	40.92	0
315169	1/24/2024 8:19	1/24/2024 9:00	40.92	0
449377	1/24/2024 8:24	1/24/2024 9:00	35.78	0
1445317	1/24/2024 8:27	1/24/2024 9:00	32.32	0
1444809	1/24/2024 8:27	1/24/2024 9:00	32.32	0
1595351	1/24/2024 8:27	1/24/2024 9:00	32.32	0
1361623	1/24/2024 8:37	1/24/2024 9:00	22.72	0
1469270	1/24/2024 8:39	1/24/2024 9:00	20.32	0
1362855	1/24/2024 8:39	1/24/2024 9:00	20.72	0
1469850	1/24/2024 8:40	1/24/2024 9:00	19.32	0
1469956	1/24/2024 8:47	1/24/2024 9:00	12.32	0
7902724	1/24/2024 8:48	1/24/2024 9:00	11.92	0
1552990	1/24/2024 9:00	1/25/2024 9:00	1439.32	0
8766703	1/24/2024 9:00	1/25/2024 9:00	1439.73	0
624953	1/24/2024 9:00	1/24/2024 10:10	70	0
1394324	1/24/2024 9:00	1/24/2024 11:36	156	0
562202	1/24/2024 9:00	1/25/2024 9:00	1439.78	0
353728	1/24/2024 9:00	1/24/2024 11:08	128	0
675499	1/24/2024 9:00	1/24/2024 11:37	157	0
1333801	1/24/2024 9:00	1/24/2024 19:04	604	0
1352388	1/24/2024 9:00	1/25/2024 9:00	1439.72	0
1469301	1/24/2024 9:00	1/25/2024 9:00	1439.32	0

1609222	1/24/2024 9:00	1/24/2024 19:04	604	0
627289	1/24/2024 9:00	1/24/2024 10:08	68	0
6761269	1/24/2024 9:00	1/24/2024 10:14	74	0
7415418	1/24/2024 9:00	1/25/2024 9:00	1439.72	0
447406	1/24/2024 9:00	1/25/2024 9:00	1439.78	0
1702895	1/24/2024 9:00	1/25/2024 9:00	1439.72	0
1349032	1/24/2024 9:00	1/25/2024 9:00	1439.72	0
574993	1/24/2024 9:00	1/24/2024 10:52	112	0
1516579	1/24/2024 9:00	1/24/2024 10:54	114	0
1516786	1/24/2024 9:00	1/25/2024 9:00	1439.32	0
195216	1/24/2024 9:00	1/25/2024 9:00	1439.92	0
7194273	1/24/2024 9:00	1/25/2024 9:00	1439.32	0
1453263	1/24/2024 9:00	1/24/2024 10:55	115	0
1552447	1/24/2024 9:00	1/25/2024 9:00	1439.32	0
10222019	1/24/2024 9:00	1/25/2024 9:00	1439.72	0
623871	1/24/2024 9:01	1/24/2024 18:57	596	0
554089	1/24/2024 9:06	1/25/2024 9:00	1433.78	0
1444809	1/24/2024 9:06	1/24/2024 18:57	591	0
971524	1/24/2024 9:07	1/24/2024 10:05	58	0
478237	1/24/2024 9:07	1/24/2024 11:34	147	0
1513541	1/24/2024 9:07	1/25/2024 9:00	1432.32	0
1445317	1/24/2024 9:07	1/24/2024 18:55	588	0
8668965	1/24/2024 9:07	1/24/2024 11:08	121	0
1985687	1/24/2024 9:07	1/25/2024 9:00	1432.78	0
509233	1/24/2024 9:08	1/24/2024 10:27	79	0
8724095	1/24/2024 9:08	1/24/2024 18:29	561	0
1361623	1/24/2024 9:08	1/24/2024 18:51	583	0
627018	1/24/2024 9:08	1/24/2024 10:06	58	0
275018	1/24/2024 9:08	1/24/2024 10:21	73	0
314945	1/24/2024 9:08	1/24/2024 18:51	583	0
5834752	1/24/2024 9:09	1/25/2024 9:00	1430.92	0
1188303	1/24/2024 9:09	1/24/2024 18:52	583	0
319279	1/24/2024 9:09	1/24/2024 11:10	121	0
624628	1/24/2024 9:09	1/24/2024 10:06	57	0
1350104	1/24/2024 9:10	1/24/2024 14:25	315	0
317195	1/24/2024 9:10	1/24/2024 18:46	576	0
1362855	1/24/2024 9:10	1/24/2024 18:53	583	0
315616	1/24/2024 9:11	1/24/2024 18:54	583	0
316630	1/24/2024 9:12	1/24/2024 18:55	583	0
1351588	1/24/2024 9:12	1/24/2024 14:28	316	0
347230	1/24/2024 9:13	1/24/2024 18:46	573	0
1680798	1/24/2024 9:14	1/24/2024 18:57	583	0
349467	1/24/2024 9:16	1/24/2024 11:32	136	0
7902724	1/24/2024 9:19	1/24/2024 10:01	42	0
65245	1/24/2024 9:19	1/24/2024 11:34	135	0
51957	1/24/2024 9:20	1/24/2024 19:08	588	0
1466638	1/24/2024 9:22	1/24/2024 11:34	132	0

8387677	1/24/2024 9:24	1/24/2024 11:09	105	0
1321605	1/24/2024 9:24	1/24/2024 11:41	137	0
1349766	1/24/2024 9:25	1/24/2024 14:30	305	0
1348976	1/24/2024 9:26	1/24/2024 14:25	299	0
1190246	1/24/2024 9:27	1/24/2024 14:10	283	0
1349083	1/24/2024 9:27	1/24/2024 14:27	300	0
1351069	1/24/2024 9:28	1/24/2024 14:28	300	0
8605921	1/24/2024 9:30	1/24/2024 19:06	576	0
1393699	1/24/2024 9:30	1/24/2024 11:42	132	0
1494722	1/24/2024 9:31	1/24/2024 11:42	131	0
350517	1/24/2024 9:33	1/24/2024 11:34	121	0
1595351	1/24/2024 9:33	1/24/2024 18:58	565	0
65553	1/24/2024 9:36	1/25/2024 9:00	1403.92	0
1469850	1/24/2024 9:38	1/24/2024 14:11	273	0
314899	1/24/2024 9:39	1/24/2024 18:51	552	0
1019446	1/24/2024 9:39	1/24/2024 14:22	283	0
1469956	1/24/2024 9:39	1/24/2024 14:11	272	0
1466445	1/24/2024 9:40	1/24/2024 14:12	272	0
317084	1/24/2024 9:40	1/24/2024 18:57	557	0
318402	1/24/2024 9:40	1/24/2024 18:51	551	0
315346	1/24/2024 9:41	1/24/2024 18:50	549	0
523489	1/24/2024 9:41	1/24/2024 18:57	556	0
10510361	1/24/2024 9:41	1/24/2024 18:42	541	0
1465282	1/24/2024 9:41	1/24/2024 14:14	273	0
1465391	1/24/2024 9:41	1/24/2024 14:13	272	0
8104722	1/24/2024 9:41	1/24/2024 18:52	551	0
1469270	1/24/2024 9:41	1/24/2024 14:09	268	0
317797	1/24/2024 9:42	1/24/2024 18:52	550	0
1406535	1/24/2024 9:42	1/24/2024 18:59	557	0
1405290	1/24/2024 9:43	1/24/2024 18:59	556	0
315345	1/24/2024 9:43	1/24/2024 18:54	551	0
317233	1/24/2024 9:43	1/24/2024 18:43	540	0
1609551	1/24/2024 9:45	1/24/2024 10:01	16	0
1609484	1/24/2024 9:45	1/24/2024 10:01	16	0
10628562	1/24/2024 9:45	1/24/2024 10:01	16	0
314188	1/24/2024 9:46	1/24/2024 10:02	16	0
1610090	1/24/2024 9:46	1/24/2024 18:41	535	0
350346	1/24/2024 9:47	1/24/2024 11:00	73	0
1430294	1/24/2024 9:47	1/24/2024 10:03	16	0
1609415	1/24/2024 9:48	1/24/2024 10:03	15	0
315730	1/24/2024 9:48	1/24/2024 10:04	16	0
454861	1/24/2024 9:48	1/24/2024 10:20	32	0
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7178975	1/24/2024 9:49	1/24/2024 10:05	16	0
456099	1/24/2024 9:49	1/24/2024 10:21	32	0
626477	1/24/2024 9:50	1/24/2024 10:06	16	0
455345	1/24/2024 9:50	1/24/2024 10:22	32	0

9063373	1/24/2024 9:50	1/24/2024 11:35	105	0
455629	1/24/2024 9:51	1/24/2024 10:18	27	0
323747	1/24/2024 9:51	1/24/2024 14:08	257	0
624716	1/24/2024 9:52	1/24/2024 10:08	16	0
324249	1/24/2024 9:52	1/24/2024 14:09	257	0
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315169	1/24/2024 9:53	1/24/2024 10:04	11	0
498070	1/24/2024 9:53	1/24/2024 18:56	543	0
455994	1/24/2024 9:53	1/24/2024 11:37	104	0
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1320008	1/24/2024 9:54	1/24/2024 11:40	106	0
457978	1/24/2024 9:54	1/24/2024 10:20	26	0
323657	1/24/2024 9:54	1/24/2024 14:06	252	0
1346410	1/24/2024 9:56	1/24/2024 18:57	541	0
188639	1/24/2024 9:56	1/24/2024 10:59	63	0
25674	1/24/2024 9:57	1/24/2024 11:00	63	0
1394365	1/24/2024 9:57	1/24/2024 11:37	100	0
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1609484	1/24/2024 10:01	1/24/2024 18:46	525	0
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49209	1/24/2024 10:02	1/24/2024 18:53	531	0
47769	1/24/2024 10:03	1/24/2024 18:48	525	0
1430294	1/24/2024 10:03	1/24/2024 19:04	541	0
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315169	1/24/2024 10:04	1/24/2024 18:49	525	0
197690	1/24/2024 10:04	1/24/2024 18:47	523	0
623069	1/24/2024 10:05	1/24/2024 11:34	89	0
7178975	1/24/2024 10:05	1/24/2024 18:51	526	0
971524	1/24/2024 10:05	1/24/2024 11:35	90	0
623612	1/24/2024 10:05	1/24/2024 11:34	89	0
627018	1/24/2024 10:06	1/24/2024 11:40	94	0
624628	1/24/2024 10:06	1/24/2024 11:36	90	0
626477	1/24/2024 10:06	1/24/2024 11:09	63	0
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196408	1/24/2024 10:06	1/24/2024 11:36	90	0
197883	1/24/2024 10:06	1/24/2024 11:35	89	0
8972545	1/24/2024 10:07	1/24/2024 18:57	530	0
627289	1/24/2024 10:08	1/24/2024 11:37	89	0
624716	1/24/2024 10:08	1/24/2024 11:06	58	0

1077082	1/24/2024 10:08	1/24/2024 18:58	530	0
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1361528	1/24/2024 10:08	1/24/2024 10:39	31	0
800576	1/24/2024 10:08	1/24/2024 18:53	525	0
457729	1/24/2024 10:09	1/24/2024 10:20	11	0
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1362130	1/24/2024 10:11	1/24/2024 10:37	26	0
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801004	1/24/2024 10:11	1/24/2024 14:07	236	0
800590	1/24/2024 10:11	1/24/2024 14:07	236	0
1363255	1/24/2024 10:11	1/25/2024 9:00	1368.72	0
1685329	1/24/2024 10:11	1/24/2024 18:56	525	0
346288	1/24/2024 10:11	1/24/2024 11:46	95	0
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590897	1/24/2024 10:12	1/24/2024 14:17	245	0
8148103	1/24/2024 10:12	1/24/2024 18:56	524	0
345647	1/24/2024 10:14	1/24/2024 11:44	90	0
1376158	1/24/2024 10:14	1/24/2024 11:54	100	0
160073	1/24/2024 10:14	1/24/2024 18:49	515	0
6761269	1/24/2024 10:14	1/24/2024 11:43	89	0
7902724	1/24/2024 10:17	1/24/2024 10:33	16	0
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455629	1/24/2024 10:18	1/24/2024 10:34	16	0
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197561	1/24/2024 10:20	1/24/2024 11:39	79	0
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457978	1/24/2024 10:20	1/24/2024 10:37	17	0
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454861	1/24/2024 10:20	1/24/2024 10:35	15	0
457729	1/24/2024 10:20	1/24/2024 10:35	15	0
1520371	1/24/2024 10:21	1/24/2024 11:56	95	0
275018	1/24/2024 10:21	1/24/2024 11:35	74	0
456099	1/24/2024 10:21	1/24/2024 10:37	16	0
455345	1/24/2024 10:22	1/24/2024 10:38	16	0
274059	1/24/2024 10:22	1/24/2024 11:35	73	0

1521655	1/24/2024 10:23	1/24/2024 11:52	89	0
506261	1/24/2024 10:23	1/24/2024 11:41	78	0
1521914	1/24/2024 10:23	1/24/2024 19:08	525	0
656343	1/24/2024 10:24	1/24/2024 18:48	504	0
1524033	1/24/2024 10:24	1/24/2024 11:54	90	0
510307	1/24/2024 10:24	1/24/2024 11:42	78	0
808829	1/24/2024 10:24	1/24/2024 14:41	257	0
508593	1/24/2024 10:25	1/24/2024 11:38	73	0
810130	1/24/2024 10:25	1/24/2024 14:42	257	0
511266	1/24/2024 10:25	1/24/2024 11:39	74	0
507365	1/24/2024 10:25	1/24/2024 14:10	225	0
658658	1/24/2024 10:25	1/24/2024 19:00	515	0
509233	1/24/2024 10:27	1/24/2024 11:40	73	0
954637	1/24/2024 10:28	1/24/2024 18:56	508	0
808384	1/24/2024 10:28	1/24/2024 14:40	252	0
956968	1/24/2024 10:28	1/24/2024 18:52	504	0
29635	1/24/2024 10:29	1/24/2024 11:17	48	0
954332	1/24/2024 10:30	1/24/2024 18:47	497	0
997397	1/24/2024 10:32	1/24/2024 11:50	78	0
1463218	1/24/2024 10:32	1/24/2024 18:46	494	0
70277	1/24/2024 10:33	1/24/2024 18:47	494	0
1415828	1/24/2024 10:33	1/24/2024 18:46	493	0
7902724	1/24/2024 10:33	1/24/2024 10:49	16	0
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350406	1/24/2024 10:33	1/24/2024 11:00	27	0
455629	1/24/2024 10:34	1/24/2024 11:05	31	0
1464949	1/24/2024 10:34	1/24/2024 19:04	510	0
454861	1/24/2024 10:35	1/24/2024 11:06	31	0
457729	1/24/2024 10:35	1/24/2024 11:07	32	0
454901	1/24/2024 10:35	1/24/2024 11:05	30	0
995564	1/24/2024 10:35	1/24/2024 11:49	74	0
1270983	1/24/2024 10:36	1/25/2024 9:00	1343.72	0
1447211	1/24/2024 10:36	1/24/2024 18:54	498	0
457978	1/24/2024 10:37	1/24/2024 11:08	31	0
324045	1/24/2024 10:37	1/24/2024 14:23	226	0.05
456099	1/24/2024 10:37	1/24/2024 11:08	31	0
1332906	1/24/2024 10:37	1/24/2024 18:55	498	0
10714479	1/24/2024 10:37	1/24/2024 19:07	510	0
1362130	1/24/2024 10:37	1/24/2024 10:53	16	0
1363588	1/24/2024 10:38	1/24/2024 11:03	25	0
455345	1/24/2024 10:38	1/24/2024 11:04	26	0
1361770	1/24/2024 10:38	1/24/2024 11:26	48	0
1456419	1/24/2024 10:38	1/24/2024 14:08	210	0
1356945	1/24/2024 10:38	1/24/2024 18:40	482	0
1320845	1/24/2024 10:38	1/25/2024 9:00	1341.72	0
10659831	1/24/2024 10:39	1/24/2024 19:06	507	0
1466357	1/24/2024 10:39	1/24/2024 14:16	217	0

1361528	1/24/2024 10:39	1/24/2024 10:55	16	0
1447297	1/24/2024 10:40	1/24/2024 18:59	499	0
612440	1/24/2024 10:40	1/24/2024 16:11	331	0
325050	1/24/2024 10:40	1/24/2024 14:10	210	0
35442	1/24/2024 10:41	1/24/2024 11:16	35	0
1265778	1/24/2024 10:41	1/24/2024 11:38	57	0
24124	1/24/2024 10:41	1/24/2024 10:56	15	0
34905	1/24/2024 10:42	1/24/2024 11:13	31	0
34887	1/24/2024 10:44	1/24/2024 11:15	31	0
1378128	1/24/2024 10:47	1/24/2024 11:44	57	0
1535304	1/24/2024 10:48	1/24/2024 19:12	504	0
51483	1/24/2024 10:48	1/24/2024 18:56	488	0
380057	1/24/2024 10:48	1/24/2024 11:51	63	0
7902724	1/24/2024 10:49	1/24/2024 11:05	16	0
8950281	1/24/2024 10:49	1/24/2024 19:08	499	0
70866	1/24/2024 10:49	1/24/2024 18:52	483	0
378229	1/24/2024 10:50	1/24/2024 19:06	496	0
34832	1/24/2024 10:50	1/24/2024 11:16	26	0
6995795	1/24/2024 10:50	1/24/2024 11:48	58	0
1417279	1/24/2024 10:50	1/24/2024 11:48	58	0
7879030	1/24/2024 10:51	1/24/2024 11:49	58	0
8910809	1/24/2024 10:51	1/24/2024 11:49	58	0
574993	1/24/2024 10:52	1/24/2024 10:57	5	0
552210	1/24/2024 10:52	1/24/2024 19:02	490	0
381982	1/24/2024 10:53	1/24/2024 11:50	57	0
1362130	1/24/2024 10:53	1/24/2024 18:56	483	0
574596	1/24/2024 10:54	1/24/2024 11:35	41	0
645339	1/24/2024 10:54	1/24/2024 11:41	47	0
1516579	1/24/2024 10:54	1/24/2024 10:59	5	0
1453263	1/24/2024 10:55	1/24/2024 14:09	194	0
1361528	1/24/2024 10:55	1/24/2024 18:58	483	0
664453	1/24/2024 10:55	1/24/2024 18:58	483	0
7932279	1/24/2024 10:55	1/25/2024 9:00	1324.32	0
24124	1/24/2024 10:56	1/24/2024 18:54	478	0
353082	1/24/2024 10:57	1/24/2024 19:00	483	0
574993	1/24/2024 10:57	1/24/2024 11:08	11	0
353371	1/24/2024 10:57	1/24/2024 19:04	487	0
174362	1/24/2024 10:58	1/25/2024 9:00	1321.92	0
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188639	1/24/2024 10:59	1/24/2024 11:15	16	0
350346	1/24/2024 11:00	1/24/2024 11:34	34	0
25674	1/24/2024 11:00	1/24/2024 11:10	10	0
353651	1/24/2024 11:00	1/24/2024 18:50	470	0
593798	1/24/2024 11:00	1/24/2024 18:58	478	0
350406	1/24/2024 11:00	1/24/2024 11:31	31	0
169731	1/24/2024 11:01	1/25/2024 9:00	1318.92	0
593397	1/24/2024 11:01	1/24/2024 18:55	474	0

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7518767	1/24/2024 11:02	1/24/2024 11:33	31	0
1375642	1/24/2024 11:02	1/24/2024 11:44	42	0
1363588	1/24/2024 11:03	1/24/2024 18:44	461	0
348328	1/24/2024 11:03	1/25/2024 9:00	1316.92	0
455345	1/24/2024 11:04	1/24/2024 11:19	15	0
563721	1/24/2024 11:04	1/24/2024 18:56	472	0
1395587	1/24/2024 11:04	1/24/2024 14:34	210	0
7902724	1/24/2024 11:05	1/24/2024 11:20	15	0
601397	1/24/2024 11:05	1/24/2024 11:52	47	0
455629	1/24/2024 11:05	1/24/2024 11:21	16	0
454901	1/24/2024 11:05	1/24/2024 11:21	16	0
267537	1/24/2024 11:05	1/24/2024 11:52	47	0
454861	1/24/2024 11:06	1/24/2024 11:22	16	0
1446785	1/24/2024 11:06	1/24/2024 19:07	481	0
624716	1/24/2024 11:06	1/24/2024 11:21	15	0
457729	1/24/2024 11:07	1/24/2024 11:18	11	0
605186	1/24/2024 11:07	1/24/2024 11:55	48	0
8068454	1/24/2024 11:07	1/24/2024 11:38	31	0
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574993	1/24/2024 11:08	1/24/2024 11:13	5	0
457978	1/24/2024 11:08	1/24/2024 11:18	10	0
353728	1/24/2024 11:08	1/24/2024 19:00	472	0
619266	1/24/2024 11:08	1/24/2024 11:23	15	0
456099	1/24/2024 11:08	1/24/2024 11:19	11	0
8668965	1/24/2024 11:08	1/24/2024 11:39	31	0
21820	1/24/2024 11:09	1/24/2024 18:44	455	0
8387677	1/24/2024 11:09	1/24/2024 18:55	466	0
626477	1/24/2024 11:09	1/24/2024 11:25	16	0
511223	1/24/2024 11:09	1/24/2024 11:41	32	0
25674	1/24/2024 11:10	1/24/2024 16:09	299	0
1519715	1/24/2024 11:10	1/24/2024 11:52	42	0
319279	1/24/2024 11:10	1/24/2024 14:08	178	0
313269	1/24/2024 11:10	1/24/2024 14:40	210	0
189581	1/24/2024 11:10	1/24/2024 11:16	6	0
1342473	1/24/2024 11:10	1/24/2024 11:36	26	0
509102	1/24/2024 11:10	1/24/2024 11:42	32	0
1519179	1/24/2024 11:10	1/24/2024 11:52	42	0
1516579	1/24/2024 11:10	1/24/2024 11:15	5	0
8524544	1/24/2024 11:11	1/24/2024 14:41	210	0
8590289	1/24/2024 11:11	1/24/2024 11:42	31	0
25066	1/24/2024 11:12	1/24/2024 18:49	457	0
510522	1/24/2024 11:12	1/24/2024 11:39	27	0
21306	1/24/2024 11:12	1/24/2024 18:42	450	0
23462	1/24/2024 11:13	1/24/2024 11:29	16	0
574993	1/24/2024 11:13	1/24/2024 11:23	10	0
26864	1/24/2024 11:13	1/25/2024 9:00	1306.92	0

34905	1/24/2024 11:13	1/24/2024 18:50	457	0
381338	1/24/2024 11:13	1/24/2024 19:05	472	0
29848	1/24/2024 11:13	1/25/2024 9:00	1306.92	0
27483	1/24/2024 11:14	1/25/2024 9:00	1305.92	0
23566	1/24/2024 11:15	1/24/2024 18:52	457	0
27852	1/24/2024 11:15	1/25/2024 9:00	1304.92	0
1378273	1/24/2024 11:15	1/24/2024 11:47	32	0
34887	1/24/2024 11:15	1/24/2024 18:51	456	0
188639	1/24/2024 11:15	1/24/2024 18:46	451	0
1516579	1/24/2024 11:15	1/24/2024 11:21	6	0
1378582	1/24/2024 11:16	1/24/2024 18:56	460	0
35442	1/24/2024 11:16	1/24/2024 18:56	460	0
416557	1/24/2024 11:16	1/24/2024 12:45	89	0
34832	1/24/2024 11:16	1/24/2024 18:48	452	0
189581	1/24/2024 11:16	1/24/2024 18:57	461	0
29635	1/24/2024 11:17	1/24/2024 18:53	456	0
457978	1/24/2024 11:18	1/24/2024 11:34	16	0
1459057	1/24/2024 11:18	1/24/2024 18:50	452	0
457729	1/24/2024 11:18	1/24/2024 11:33	15	0
455345	1/24/2024 11:19	1/24/2024 11:35	16	0
456099	1/24/2024 11:19	1/24/2024 11:34	15	0
9313875	1/24/2024 11:19	1/24/2024 18:50	451	0
1535397	1/24/2024 11:20	1/24/2024 19:07	467	0
68308	1/24/2024 11:20	1/24/2024 18:50	450	0
7902724	1/24/2024 11:20	1/24/2024 14:50	210	0
624716	1/24/2024 11:21	1/24/2024 19:04	463	0
1516579	1/24/2024 11:21	1/24/2024 11:26	5	0
449036	1/24/2024 11:21	1/24/2024 14:19	178	0
646026	1/24/2024 11:21	1/24/2024 11:37	16	0
455629	1/24/2024 11:21	1/24/2024 11:36	15	0
454901	1/24/2024 11:21	1/24/2024 11:37	16	0
926657	1/24/2024 11:22	1/24/2024 18:58	456	0
1641091	1/24/2024 11:22	1/24/2024 11:54	32	0
454861	1/24/2024 11:22	1/24/2024 11:33	11	0
561757	1/24/2024 11:23	1/24/2024 12:37	74	0
619266	1/24/2024 11:23	1/24/2024 14:53	210	0
574993	1/24/2024 11:23	1/24/2024 11:28	5	0
1523524	1/24/2024 11:23	1/24/2024 11:55	32	0
1664433	1/24/2024 11:23	1/24/2024 14:06	163	0
105666	1/24/2024 11:23	1/25/2024 9:00	1296.92	0
549259	1/24/2024 11:24	1/24/2024 11:40	16	0
558031	1/24/2024 11:24	1/24/2024 12:38	74	0
611761	1/24/2024 11:24	1/25/2024 9:00	1295.78	0
1073095	1/24/2024 11:25	1/24/2024 11:41	16	0
609757	1/24/2024 11:25	1/25/2024 9:00	1294.78	0
626477	1/24/2024 11:25	1/24/2024 18:51	446	0
645144	1/24/2024 11:25	1/24/2024 11:40	15	0

610547	1/24/2024 11:26	1/25/2024 9:00	1293.78	0
1361770	1/24/2024 11:26	1/24/2024 18:47	441	0
1516579	1/24/2024 11:26	1/24/2024 11:36	10	0
10371746	1/24/2024 11:27	1/24/2024 11:43	16	0
609850	1/24/2024 11:27	1/24/2024 11:43	16	0
449377	1/24/2024 11:27	1/24/2024 11:43	16	0
574993	1/24/2024 11:28	1/24/2024 11:39	11	0
610737	1/24/2024 11:29	1/24/2024 11:39	10	0
23462	1/24/2024 11:29	1/24/2024 18:50	441	0
350406	1/24/2024 11:31	1/24/2024 14:46	195	0
349467	1/24/2024 11:32	1/24/2024 14:47	195	0
1565203	1/24/2024 11:32	1/24/2024 14:15	163	0
352652	1/24/2024 11:32	1/25/2024 9:00	1287.92	0
457729	1/24/2024 11:33	1/24/2024 11:49	16	0
7518767	1/24/2024 11:33	1/24/2024 14:48	195	0
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65245	1/24/2024 11:34	1/24/2024 11:49	15	0
1466638	1/24/2024 11:34	1/24/2024 11:49	15	0
457978	1/24/2024 11:34	1/24/2024 11:50	16	0
350517	1/24/2024 11:34	1/24/2024 14:49	195	0
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456099	1/24/2024 11:34	1/24/2024 11:50	16	0
274125	1/24/2024 11:34	1/24/2024 18:51	437	0
623069	1/24/2024 11:34	1/24/2024 18:55	441	0
623612	1/24/2024 11:34	1/24/2024 19:00	446	0
478237	1/24/2024 11:34	1/24/2024 11:50	16	0
274059	1/24/2024 11:35	1/24/2024 18:46	431	0
9063373	1/24/2024 11:35	1/24/2024 11:51	16	0
196965	1/24/2024 11:35	1/24/2024 18:51	436	0
275018	1/24/2024 11:35	1/24/2024 18:45	430	0
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197883	1/24/2024 11:35	1/24/2024 14:50	195	0
197629	1/24/2024 11:35	1/24/2024 14:55	200	0
197356	1/24/2024 11:35	1/24/2024 18:56	441	0
455345	1/24/2024 11:35	1/24/2024 11:51	16	0
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1394324	1/24/2024 11:36	1/24/2024 11:51	15	0
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626600	1/24/2024 11:36	1/25/2024 9:00	1283.78	0
281235	1/24/2024 11:36	1/24/2024 18:56	440	0
1342473	1/24/2024 11:36	1/24/2024 11:52	16	0
624628	1/24/2024 11:36	1/24/2024 14:39	183	0
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455994	1/24/2024 11:37	1/24/2024 11:53	16	0
646026	1/24/2024 11:37	1/24/2024 12:09	32	0

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675499	1/24/2024 11:37	1/24/2024 18:58	441	0
454901	1/24/2024 11:37	1/24/2024 11:57	20	0
627289	1/24/2024 11:37	1/24/2024 14:36	179	0
1683861	1/24/2024 11:38	1/24/2024 19:03	445	0
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1265778	1/24/2024 11:38	1/24/2024 19:37	479	0
508593	1/24/2024 11:38	1/24/2024 11:54	16	0
8068454	1/24/2024 11:38	1/24/2024 12:20	42	0
2032900	1/24/2024 11:39	1/24/2024 16:12	273	0
510522	1/24/2024 11:39	1/24/2024 11:55	16	0
1515733	1/24/2024 11:39	1/24/2024 11:55	16	0
510974	1/24/2024 11:39	1/24/2024 11:54	15	0
197561	1/24/2024 11:39	1/24/2024 19:14	455	0
10393495	1/24/2024 11:39	1/24/2024 18:54	435	0.11
624953	1/24/2024 11:39	1/24/2024 14:37	178	0
574993	1/24/2024 11:39	1/24/2024 11:44	5	0
8668965	1/24/2024 11:39	1/24/2024 11:55	16	0
511266	1/24/2024 11:39	1/24/2024 11:55	16	0
624411	1/24/2024 11:39	1/25/2024 9:00	1280.78	0
610737	1/24/2024 11:39	1/24/2024 12:26	47	0
509233	1/24/2024 11:40	1/24/2024 11:56	16	0
1320008	1/24/2024 11:40	1/24/2024 14:38	178	0
645144	1/24/2024 11:40	1/24/2024 12:07	27	0
549617	1/24/2024 11:40	1/24/2024 12:43	63	0
611363	1/24/2024 11:40	1/25/2024 9:00	1279.78	0
342796	1/24/2024 11:40	1/24/2024 15:11	211	0
549259	1/24/2024 11:40	1/24/2024 12:43	63	0
561758	1/24/2024 11:40	1/24/2024 11:56	16	0
627018	1/24/2024 11:40	1/24/2024 14:39	179	0
1321605	1/24/2024 11:41	1/24/2024 14:40	179	0
1573666	1/24/2024 11:41	1/24/2024 22:18	637	0
548347	1/24/2024 11:41	1/24/2024 18:46	425	0
563241	1/24/2024 11:41	1/24/2024 11:56	15	0
511223	1/24/2024 11:41	1/24/2024 11:57	16	0
1516579	1/24/2024 11:41	1/24/2024 14:24	163	0
506261	1/24/2024 11:41	1/24/2024 11:57	16	0
1073095	1/24/2024 11:41	1/24/2024 12:28	47	0
645339	1/24/2024 11:41	1/24/2024 14:40	179	0
1319739	1/24/2024 11:41	1/25/2024 9:00	1278.72	0
1494722	1/24/2024 11:42	1/24/2024 12:14	32	0
1599209	1/24/2024 11:42	1/24/2024 18:47	425	0
346967	1/24/2024 11:42	1/24/2024 15:12	210	0
509102	1/24/2024 11:42	1/24/2024 11:58	16	0
510307	1/24/2024 11:42	1/24/2024 11:58	16	0
1393699	1/24/2024 11:42	1/24/2024 12:13	31	0
8590289	1/24/2024 11:42	1/24/2024 11:57	15	0

611827	1/24/2024 11:42	1/25/2024 9:00	1277.78	0
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609850	1/24/2024 11:43	1/24/2024 12:25	42	0
1407632	1/24/2024 11:43	1/25/2024 9:00	1276.72	0
8495802	1/24/2024 11:43	1/24/2024 11:59	16	0
1407881	1/24/2024 11:43	1/25/2024 9:00	1276.72	0
6761269	1/24/2024 11:43	1/24/2024 15:13	210	0
449377	1/24/2024 11:43	1/24/2024 12:51	68	0
1407947	1/24/2024 11:43	1/25/2024 9:00	1276.72	0
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549596	1/24/2024 11:44	1/24/2024 12:42	58	0
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1378128	1/24/2024 11:44	1/24/2024 13:44	120	0
1375642	1/24/2024 11:44	1/24/2024 13:48	124	0
1597556	1/24/2024 11:45	1/24/2024 18:50	425	0
1407628	1/24/2024 11:46	1/25/2024 9:00	1273.72	0
346288	1/24/2024 11:46	1/24/2024 15:16	210	0
1378273	1/24/2024 11:47	1/24/2024 13:46	119	0
68620	1/24/2024 11:48	1/24/2024 12:04	16	0
1417279	1/24/2024 11:48	1/24/2024 12:35	47	0
6995795	1/24/2024 11:48	1/24/2024 14:04	136	0
454861	1/24/2024 11:48	1/24/2024 12:04	16	0
1394365	1/24/2024 11:48	1/24/2024 12:03	15	0
1019	1/24/2024 11:48	1/24/2024 12:19	31	0
385332	1/24/2024 11:48	1/24/2024 18:50	422	0
65245	1/24/2024 11:49	1/24/2024 12:04	15	0
8910809	1/24/2024 11:49	1/24/2024 14:06	137	0
457729	1/24/2024 11:49	1/24/2024 12:05	16	0
69207	1/24/2024 11:49	1/24/2024 12:04	15	0
7879030	1/24/2024 11:49	1/24/2024 14:05	136	0
1466638	1/24/2024 11:49	1/24/2024 12:21	32	0
995564	1/24/2024 11:49	1/24/2024 12:05	16	0
381982	1/24/2024 11:50	1/24/2024 14:07	137	0
457978	1/24/2024 11:50	1/24/2024 12:05	15	0
308802	1/24/2024 11:50	1/24/2024 19:06	436	0
293	1/24/2024 11:50	1/24/2024 12:22	32	0
997397	1/24/2024 11:50	1/24/2024 12:06	16	0
456099	1/24/2024 11:50	1/24/2024 12:06	16	0
478237	1/24/2024 11:50	1/24/2024 12:05	15	0
1394324	1/24/2024 11:51	1/24/2024 12:07	16	0
380057	1/24/2024 11:51	1/24/2024 14:08	137	0
308032	1/24/2024 11:51	1/24/2024 19:07	436	0
309944	1/24/2024 11:51	1/24/2024 18:51	420	0
455345	1/24/2024 11:51	1/24/2024 12:06	15	0
9063373	1/24/2024 11:51	1/24/2024 12:07	16	0
1519179	1/24/2024 11:52	1/24/2024 19:01	429	0
601397	1/24/2024 11:52	1/25/2024 9:00	1267.78	0

1519715	1/24/2024 11:52	1/24/2024 18:57	425	0
267537	1/24/2024 11:52	1/24/2024 12:03	11	0
1521655	1/24/2024 11:52	1/24/2024 19:07	435	0
1342473	1/24/2024 11:52	1/24/2024 12:07	15	0
309265	1/24/2024 11:52	1/24/2024 18:46	414	0
455629	1/24/2024 11:53	1/24/2024 12:03	10	0
455994	1/24/2024 11:53	1/24/2024 12:03	10	0
562856	1/24/2024 11:53	1/24/2024 19:06	433	0
510974	1/24/2024 11:54	1/24/2024 12:10	16	0
508593	1/24/2024 11:54	1/24/2024 12:10	16	0
1524033	1/24/2024 11:54	1/24/2024 14:26	152	0
1641091	1/24/2024 11:54	1/24/2024 19:10	436	0
1376158	1/24/2024 11:54	1/24/2024 13:45	111	0
511266	1/24/2024 11:55	1/24/2024 12:10	15	0
356505	1/24/2024 11:55	1/24/2024 13:55	120	0
510522	1/24/2024 11:55	1/24/2024 12:10	15	0
1515733	1/24/2024 11:55	1/24/2024 12:10	15	0
574993	1/24/2024 11:55	1/24/2024 12:00	5	0
574596	1/24/2024 11:55	1/24/2024 12:05	10	0
1523524	1/24/2024 11:55	1/24/2024 19:00	425	0
8668965	1/24/2024 11:55	1/24/2024 12:11	16	0
605186	1/24/2024 11:55	1/24/2024 12:37	42	0
561758	1/24/2024 11:56	1/24/2024 18:53	417	0
563241	1/24/2024 11:56	1/24/2024 18:54	418	0
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1670039	1/24/2024 11:56	1/24/2024 12:59	63	0
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454901	1/24/2024 11:57	1/24/2024 12:03	6	0
511223	1/24/2024 11:57	1/24/2024 12:07	10	0
506261	1/24/2024 11:57	1/24/2024 12:08	11	0
8590289	1/24/2024 11:57	1/24/2024 12:08	11	0
570022	1/24/2024 11:58	1/24/2024 12:56	58	0
510307	1/24/2024 11:58	1/24/2024 12:08	10	0
509102	1/24/2024 11:58	1/24/2024 12:08	10	0
8495802	1/24/2024 11:59	1/24/2024 14:15	136	0
574993	1/24/2024 12:00	1/24/2024 12:10	10	0
571420	1/24/2024 12:00	1/24/2024 12:58	58	0
419000	1/24/2024 12:01	1/25/2024 9:00	1258.78	0
418969	1/24/2024 12:02	1/25/2024 9:00	1257.78	0
6490578	1/24/2024 12:02	1/25/2024 9:00	1257.92	0
1554218	1/24/2024 12:02	1/24/2024 13:36	94	0
1394365	1/24/2024 12:03	1/24/2024 13:06	63	0
267537	1/24/2024 12:03	1/24/2024 15:22	199	0
345510	1/24/2024 12:03	1/25/2024 9:00	1256.92	0
455629	1/24/2024 12:03	1/24/2024 12:50	47	0
1557303	1/24/2024 12:03	1/24/2024 13:32	89	0
352962	1/24/2024 12:03	1/25/2024 9:00	1256.92	0

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455994	1/24/2024 12:03	1/24/2024 12:19	16	0
69207	1/24/2024 12:04	1/24/2024 18:54	410	0
454861	1/24/2024 12:04	1/24/2024 13:49	105	0
68620	1/24/2024 12:04	1/24/2024 18:59	415	0
65245	1/24/2024 12:04	1/24/2024 18:49	405	0
995564	1/24/2024 12:05	1/24/2024 13:05	60	0
574596	1/24/2024 12:05	1/24/2024 14:10	125	0
457978	1/24/2024 12:05	1/24/2024 13:50	105	0
457729	1/24/2024 12:05	1/24/2024 13:55	110	0
478237	1/24/2024 12:05	1/25/2024 9:00	1254.78	0
352964	1/24/2024 12:05	1/25/2024 9:00	1254.92	0
455345	1/24/2024 12:06	1/24/2024 13:51	105	0
456099	1/24/2024 12:06	1/24/2024 13:51	105	0
1557188	1/24/2024 12:06	1/24/2024 13:35	89	0
997397	1/24/2024 12:06	1/24/2024 13:04	58	0
1342473	1/24/2024 12:07	1/25/2024 9:00	1252.72	0
9063373	1/24/2024 12:07	1/24/2024 13:04	57	0
1394324	1/24/2024 12:07	1/24/2024 13:05	58	0
511223	1/24/2024 12:07	1/24/2024 18:56	409	0
645144	1/24/2024 12:07	1/24/2024 14:39	152	0
510307	1/24/2024 12:08	1/24/2024 14:09	121	0
509102	1/24/2024 12:08	1/24/2024 19:13	425	0
506261	1/24/2024 12:08	1/24/2024 14:08	120	0
8590289	1/24/2024 12:08	1/24/2024 19:08	420	0
646026	1/24/2024 12:09	1/24/2024 14:41	152	0
511266	1/24/2024 12:10	1/24/2024 14:13	123	0
510974	1/24/2024 12:10	1/24/2024 14:11	121	0
574993	1/24/2024 12:10	1/24/2024 12:16	6	0
510522	1/24/2024 12:10	1/24/2024 19:00	410	0
1515733	1/24/2024 12:10	1/24/2024 14:11	121	0
508593	1/24/2024 12:10	1/24/2024 14:27	137	0
8668965	1/24/2024 12:11	1/24/2024 18:55	404	0
509233	1/24/2024 12:12	1/24/2024 14:12	120	0
1393699	1/24/2024 12:13	1/24/2024 14:14	121	0
1494722	1/24/2024 12:14	1/24/2024 14:15	121	0
574993	1/24/2024 12:16	1/24/2024 12:21	5	0
1019	1/24/2024 12:19	1/24/2024 19:09	410	0
455994	1/24/2024 12:19	1/24/2024 15:24	185	0
465344	1/24/2024 12:19	1/25/2024 9:00	1240.78	0
8068454	1/24/2024 12:20	1/24/2024 14:21	121	0
574993	1/24/2024 12:21	1/24/2024 12:26	5	0
1466638	1/24/2024 12:21	1/24/2024 15:20	179	0
642989	1/24/2024 12:22	1/25/2024 9:00	1237.78	0
644291	1/24/2024 12:22	1/25/2024 9:00	1237.78	0
642003	1/24/2024 12:22	1/25/2024 9:00	1237.78	0
293	1/24/2024 12:22	1/24/2024 19:06	404	0

1516739	1/24/2024 12:23	1/25/2024 9:00	1236.32	0
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903630	1/24/2024 12:24	1/25/2024 9:00	1235.83	0
609850	1/24/2024 12:25	1/25/2024 9:00	1234.78	0
610737	1/24/2024 12:26	1/25/2024 9:00	1233.78	0
574993	1/24/2024 12:26	1/24/2024 13:40	74	0
553863	1/24/2024 12:26	1/24/2024 18:54	388	0
14239	1/24/2024 12:26	1/25/2024 9:00	1233.92	0
1073095	1/24/2024 12:28	1/25/2024 9:00	1231.78	0
1343695	1/24/2024 12:29	1/24/2024 17:02	273	0
328113	1/24/2024 12:30	1/24/2024 14:04	94	0
11435788	1/24/2024 12:30	1/25/2024 9:00	1229.92	0
67738	1/24/2024 12:34	1/25/2024 9:00	1225.92	0
1417279	1/24/2024 12:35	1/24/2024 14:36	121	0
561757	1/24/2024 12:37	1/25/2024 9:00	1222.78	0
605186	1/24/2024 12:37	1/25/2024 9:00	1222.78	0
558031	1/24/2024 12:38	1/25/2024 9:00	1221.78	0
10371746	1/24/2024 12:40	1/25/2024 9:00	1219.78	0
549596	1/24/2024 12:42	1/25/2024 9:00	1217.78	0
549259	1/24/2024 12:43	1/25/2024 9:00	1216.78	0
549617	1/24/2024 12:43	1/25/2024 9:00	1216.78	0
416557	1/24/2024 12:45	1/25/2024 9:00	1214.78	0
455629	1/24/2024 12:50	1/24/2024 13:48	58	0
449377	1/24/2024 12:51	1/24/2024 13:54	63	0
658642	1/24/2024 12:55	1/24/2024 18:58	363	0
570022	1/24/2024 12:56	1/25/2024 9:00	1203.78	0
571420	1/24/2024 12:58	1/25/2024 9:00	1201.78	0
1670039	1/24/2024 12:59	1/25/2024 9:00	1200.78	0
9063373	1/24/2024 13:04	1/24/2024 14:34	90	0
997397	1/24/2024 13:04	1/24/2024 14:17	73	0
995564	1/24/2024 13:05	1/24/2024 14:19	74	0
1394324	1/24/2024 13:05	1/24/2024 14:34	89	0
1394365	1/24/2024 13:06	1/24/2024 14:36	90	0
8511623	1/24/2024 13:30	1/24/2024 14:11	41	0
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456099	1/24/2024 13:51	1/24/2024 15:52	121	0
454901	1/24/2024 13:53	1/24/2024 15:49	116	0
449377	1/24/2024 13:54	1/24/2024 14:21	27	0
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457729	1/24/2024 13:55	1/24/2024 15:51	116	0
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6995795	1/24/2024 14:04	1/24/2024 15:49	105	0
7879030	1/24/2024 14:05	1/24/2024 15:50	105	0
8910809	1/24/2024 14:06	1/24/2024 15:51	105	0
1664433	1/24/2024 14:06	1/24/2024 15:35	89	0
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800588	1/24/2024 14:08	1/24/2024 18:57	289	0
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507365	1/24/2024 14:10	1/24/2024 19:09	299	0
325050	1/24/2024 14:10	1/24/2024 14:21	11	0
1493766	1/24/2024 14:10	1/25/2024 9:00	1129.72	0
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590897	1/24/2024 14:17	1/24/2024 14:39	22	0
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1393699	1/24/2024 14:30	1/24/2024 14:45	15	0
1494722	1/24/2024 14:30	1/24/2024 14:46	16	0
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590897	1/24/2024 14:44	1/24/2024 19:04	260	0
1363754	1/24/2024 14:45	1/25/2024 9:00	1094.72	0
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997397	1/24/2024 14:49	1/24/2024 18:56	247	0
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574993	1/24/2024 14:53	1/24/2024 14:58	5	0
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574993	1/24/2024 14:58	1/24/2024 15:09	11	0
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1638479	1/24/2024 15:08	1/24/2024 15:24	16	0
574993	1/24/2024 15:09	1/24/2024 15:14	5	0
509233	1/24/2024 15:10	1/24/2024 19:06	236	0
553755	1/24/2024 15:11	1/24/2024 19:12	241	0
1516579	1/24/2024 15:11	1/24/2024 15:22	11	0
342796	1/24/2024 15:11	1/24/2024 18:56	225	0
346967	1/24/2024 15:12	1/24/2024 18:57	225	0
506261	1/24/2024 15:12	1/24/2024 18:57	225	0
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455994	1/24/2024 15:24	1/24/2024 19:09	225	0
1638479	1/24/2024 15:24	1/24/2024 18:52	208	0
574993	1/24/2024 15:25	1/24/2024 15:30	5	0
1516579	1/24/2024 15:27	1/25/2024 9:00	1052.32	0
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346135	1/24/2024 15:29	1/24/2024 18:59	210	0
346347	1/24/2024 15:29	1/24/2024 18:59	210	0
449377	1/24/2024 15:29	1/24/2024 16:16	47	0
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574993	1/24/2024 15:30	1/24/2024 15:40	10	0
1556352	1/24/2024 15:32	1/24/2024 18:46	194	0
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1395587	1/24/2024 15:32	1/24/2024 18:51	199	0
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1358945	1/24/2024 15:35	1/24/2024 18:54	199	0
1358893	1/24/2024 15:36	1/24/2024 18:55	199	0
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574993	1/24/2024 15:40	1/24/2024 15:46	6	0
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1350597	1/24/2024 15:40	1/24/2024 18:49	189	0
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8734349	1/24/2024 15:41	1/24/2024 19:00	199	0
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1348780	1/24/2024 15:42	1/24/2024 18:56	194	0
549370	1/24/2024 15:42	1/24/2024 19:12	210	0

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1349244	1/24/2024 15:43	1/24/2024 18:47	184	0
1348773	1/24/2024 15:45	1/24/2024 18:44	179	0
574993	1/24/2024 15:46	1/24/2024 16:22	36	0
1350499	1/24/2024 15:46	1/24/2024 18:50	184	0
380057	1/24/2024 15:48	1/24/2024 19:09	201	0
7902724	1/24/2024 15:48	1/24/2024 16:04	16	0
1554218	1/24/2024 15:48	1/24/2024 19:02	194	0
1557303	1/24/2024 15:49	1/24/2024 18:58	189	0
6995795	1/24/2024 15:49	1/24/2024 19:00	191	0
454901	1/24/2024 15:49	1/24/2024 16:21	32	0
454861	1/24/2024 15:50	1/24/2024 16:21	31	0
455629	1/24/2024 15:50	1/24/2024 16:20	30	0
7879030	1/24/2024 15:50	1/24/2024 19:00	190	0
1466638	1/24/2024 15:51	1/24/2024 19:05	194	0
457978	1/24/2024 15:51	1/24/2024 16:23	32	0
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8910809	1/24/2024 15:51	1/24/2024 18:52	181	0
456099	1/24/2024 15:52	1/24/2024 16:23	31	0
1557188	1/24/2024 15:52	1/24/2024 18:55	183	0
381982	1/24/2024 15:52	1/24/2024 19:11	199	0
455345	1/24/2024 15:52	1/24/2024 16:23	31	0
860281	1/24/2024 15:53	1/24/2024 19:02	189	0
859747	1/24/2024 15:53	1/24/2024 19:07	194	0
8511623	1/24/2024 15:56	1/24/2024 18:55	179	0
1556486	1/24/2024 15:57	1/24/2024 18:59	182	0
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25674	1/24/2024 16:09	1/25/2024 9:00	1010.92	0
560588	1/24/2024 16:09	1/25/2024 9:00	1010.78	0
612440	1/24/2024 16:11	1/24/2024 18:43	152	0
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562346	1/24/2024 16:12	1/25/2024 9:00	1007.78	0
612938	1/24/2024 16:12	1/24/2024 18:55	163	0
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449377	1/24/2024 16:16	1/24/2024 16:42	26	0
455629	1/24/2024 16:20	1/24/2024 19:08	168	0
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454901	1/24/2024 16:21	1/24/2024 19:03	162	0
454861	1/24/2024 16:21	1/24/2024 19:04	163	0
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457978	1/24/2024 16:23	1/24/2024 19:04	161	0
455345	1/24/2024 16:23	1/24/2024 19:06	163	0
574993	1/24/2024 16:28	1/24/2024 16:38	10	0

7902724	1/24/2024 16:35	1/24/2024 19:07	152	0
574993	1/24/2024 16:38	1/24/2024 16:43	5	0
449377	1/24/2024 16:42	1/24/2024 17:14	32	0
1376158	1/24/2024 16:43	1/24/2024 19:00	137	0
574993	1/24/2024 16:43	1/24/2024 16:54	11	0
1465703	1/24/2024 16:49	1/24/2024 19:11	142	0
574993	1/24/2024 16:54	1/24/2024 16:59	5	0
574993	1/24/2024 16:59	1/25/2024 9:00	960.78	0
1343695	1/24/2024 17:02	1/24/2024 18:58	116	0
449377	1/24/2024 17:14	1/24/2024 17:29	15	0
1546138	1/24/2024 17:24	1/24/2024 19:09	105	0
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449377	1/24/2024 17:30	1/24/2024 18:59	89	0
1320619	1/24/2024 17:49	1/25/2024 9:00	910.72	0
571799	1/24/2024 18:03	1/25/2024 9:00	896.78	0
8724095	1/24/2024 18:29	1/25/2024 9:00	870.72	0
1638359	1/24/2024 18:37	1/25/2024 9:00	862.32	0
1356945	1/24/2024 18:40	1/25/2024 9:00	859.72	0
1610090	1/24/2024 18:41	1/25/2024 9:00	858.32	0
10510361	1/24/2024 18:42	1/25/2024 9:00	857.92	0
21306	1/24/2024 18:42	1/25/2024 9:00	857.92	0
612440	1/24/2024 18:43	1/25/2024 9:00	856.78	0
317233	1/24/2024 18:43	1/25/2024 9:00	856.92	0
1348773	1/24/2024 18:44	1/25/2024 9:00	855.72	0
1363588	1/24/2024 18:44	1/25/2024 9:00	855.72	0
1349542	1/24/2024 18:44	1/25/2024 9:00	855.72	0
21820	1/24/2024 18:44	1/25/2024 9:00	855.92	0
195839	1/24/2024 18:45	1/25/2024 9:00	854.92	0
275018	1/24/2024 18:45	1/25/2024 9:00	854.92	0
350346	1/24/2024 18:45	1/25/2024 9:00	854.92	0
8434548	1/24/2024 18:45	1/25/2024 9:00	854.92	0
274059	1/24/2024 18:46	1/25/2024 9:00	853.92	0
188639	1/24/2024 18:46	1/25/2024 9:00	853.92	0
1321605	1/24/2024 18:46	1/25/2024 9:00	853.72	0
1463218	1/24/2024 18:46	1/25/2024 9:00	853.32	0
1446401	1/24/2024 18:46	1/25/2024 9:00	853.32	0
196408	1/24/2024 18:46	1/25/2024 9:00	853.92	0
317195	1/24/2024 18:46	1/25/2024 8:25	819	0
1654064	1/24/2024 18:46	1/25/2024 9:00	853.73	0
347230	1/24/2024 18:46	1/25/2024 9:00	853.92	0
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1609484	1/24/2024 18:46	1/25/2024 9:00	853.32	0
1415828	1/24/2024 18:46	1/25/2024 9:00	853.72	0
1556352	1/24/2024 18:46	1/25/2024 9:00	853.32	0
548347	1/24/2024 18:46	1/25/2024 9:00	853.78	0
309265	1/24/2024 18:46	1/25/2024 9:00	853.92	0
1361770	1/24/2024 18:47	1/25/2024 9:00	852.72	0

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1349244	1/24/2024 18:47	1/25/2024 9:00	852.72	0
70277	1/24/2024 18:47	1/25/2024 9:00	852.92	0
197690	1/24/2024 18:47	1/25/2024 9:00	852.92	0
954332	1/24/2024 18:47	1/25/2024 9:00	852.73	0
1599209	1/24/2024 18:47	1/25/2024 9:00	852.32	0
1609415	1/24/2024 18:48	1/25/2024 9:00	851.32	0
8524544	1/24/2024 18:48	1/25/2024 9:00	851.92	0
34832	1/24/2024 18:48	1/25/2024 9:00	851.92	0
47769	1/24/2024 18:48	1/25/2024 9:00	851.92	0
656343	1/24/2024 18:48	1/25/2024 9:00	851.83	0
1020565	1/24/2024 18:48	1/25/2024 9:00	851.73	0
6761269	1/24/2024 18:48	1/25/2024 9:00	851.92	0
1350975	1/24/2024 18:49	1/25/2024 9:00	850.72	0
160073	1/24/2024 18:49	1/25/2024 9:00	850.73	0
65245	1/24/2024 18:49	1/25/2024 8:19	810	0
1350597	1/24/2024 18:49	1/25/2024 9:00	850.72	0
315169	1/24/2024 18:49	1/25/2024 9:00	850.92	0
25066	1/24/2024 18:49	1/25/2024 9:00	850.92	0
315730	1/24/2024 18:49	1/25/2024 9:00	850.92	0
1412757	1/24/2024 18:49	1/25/2024 9:00	850.72	0
34905	1/24/2024 18:50	1/25/2024 9:00	849.92	0
1348444	1/24/2024 18:50	1/25/2024 9:00	849.72	0
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315346	1/24/2024 18:50	1/25/2024 9:00	849.92	0
1597556	1/24/2024 18:50	1/25/2024 9:00	849.32	0
385332	1/24/2024 18:50	1/25/2024 9:00	849.78	0
9313875	1/24/2024 18:50	1/25/2024 9:00	849.32	0
1349338	1/24/2024 18:50	1/25/2024 9:00	849.72	0
353651	1/24/2024 18:50	1/25/2024 9:00	849.92	0
68308	1/24/2024 18:50	1/25/2024 9:00	849.92	0
23462	1/24/2024 18:50	1/25/2024 9:00	849.92	0
1459057	1/24/2024 18:50	1/25/2024 9:00	849.32	0
971524	1/24/2024 18:50	1/25/2024 9:00	849.78	0
2032900	1/24/2024 18:50	1/25/2024 9:00	849.72	0
1350499	1/24/2024 18:50	1/25/2024 9:00	849.72	0
1348300	1/24/2024 18:51	1/25/2024 9:00	848.72	0
314899	1/24/2024 18:51	1/25/2024 9:00	848.92	0
34887	1/24/2024 18:51	1/25/2024 9:00	848.92	0
314945	1/24/2024 18:51	1/25/2024 8:23	812	0
626477	1/24/2024 18:51	1/25/2024 9:00	848.78	0
1361623	1/24/2024 18:51	1/25/2024 8:39	828	0
274125	1/24/2024 18:51	1/25/2024 9:00	848.92	0
7178975	1/24/2024 18:51	1/25/2024 9:00	848.92	0
318402	1/24/2024 18:51	1/25/2024 9:00	848.92	0
1395587	1/24/2024 18:51	1/25/2024 9:00	848.72	0
346288	1/24/2024 18:51	1/25/2024 9:00	848.92	0

627018	1/24/2024 18:51	1/25/2024 9:00	848.78	0
309944	1/24/2024 18:51	1/25/2024 9:00	848.92	0
196965	1/24/2024 18:51	1/25/2024 9:00	848.92	0
197883	1/24/2024 18:51	1/25/2024 9:00	848.92	0
624628	1/24/2024 18:51	1/25/2024 9:00	848.78	0
1019446	1/24/2024 18:52	1/25/2024 9:00	847.73	0
23566	1/24/2024 18:52	1/25/2024 9:00	847.92	0
956968	1/24/2024 18:52	1/25/2024 9:00	847.73	0
317797	1/24/2024 18:52	1/25/2024 9:00	847.92	0
313269	1/24/2024 18:52	1/25/2024 9:00	847.92	0
267537	1/24/2024 18:52	1/25/2024 9:00	847.92	0
8910809	1/24/2024 18:52	1/25/2024 9:00	847.78	0
70866	1/24/2024 18:52	1/25/2024 9:00	847.92	0
314188	1/24/2024 18:52	1/25/2024 9:00	847.92	0
8104722	1/24/2024 18:52	1/25/2024 9:00	847.92	0
1393699	1/24/2024 18:52	1/25/2024 9:00	847.72	0
547577	1/24/2024 18:52	1/25/2024 9:00	847.92	0
1638479	1/24/2024 18:52	1/25/2024 9:00	847.32	0
1188303	1/24/2024 18:52	1/25/2024 9:00	847.72	0
324290	1/24/2024 18:52	1/25/2024 9:00	847.92	0
800576	1/24/2024 18:53	1/25/2024 9:00	846.83	0
1350104	1/24/2024 18:53	1/25/2024 8:41	828	0
561758	1/24/2024 18:53	1/25/2024 9:00	846.78	0
49209	1/24/2024 18:53	1/25/2024 9:00	846.92	0
1362855	1/24/2024 18:53	1/25/2024 8:40	827	0
328113	1/24/2024 18:53	1/25/2024 9:00	846.92	0
945898	1/24/2024 18:53	1/25/2024 9:00	846.83	0
29635	1/24/2024 18:53	1/25/2024 9:00	846.92	0
69207	1/24/2024 18:54	1/25/2024 9:00	845.92	0
315616	1/24/2024 18:54	1/25/2024 9:00	845.92	0
500173	1/24/2024 18:54	1/25/2024 9:00	845.78	0
1524033	1/24/2024 18:54	1/25/2024 9:00	845.32	0
553863	1/24/2024 18:54	1/25/2024 9:00	845.78	0
510974	1/24/2024 18:54	1/25/2024 9:00	845.78	0
315306	1/24/2024 18:54	1/25/2024 9:00	845.92	0
24124	1/24/2024 18:54	1/25/2024 9:00	845.92	0
323657	1/24/2024 18:54	1/25/2024 9:00	845.92	0
325050	1/24/2024 18:54	1/25/2024 9:00	845.92	0
10393495	1/24/2024 18:54	1/25/2024 9:00	845.92	0
1358945	1/24/2024 18:54	1/25/2024 9:00	845.72	0
563241	1/24/2024 18:54	1/25/2024 9:00	845.78	0
810130	1/24/2024 18:54	1/25/2024 9:00	845.83	0
315345	1/24/2024 18:54	1/25/2024 9:00	845.92	0
1447211	1/24/2024 18:54	1/25/2024 9:00	845.32	0
1378273	1/24/2024 18:54	1/25/2024 9:00	845.72	0
1557188	1/24/2024 18:55	1/25/2024 9:00	844.32	0
8511623	1/24/2024 18:55	1/25/2024 9:00	844.92	0

8387677	1/24/2024 18:55	1/25/2024 9:00	844.92	0
8668965	1/24/2024 18:55	1/25/2024 9:00	844.78	0
510307	1/24/2024 18:55	1/25/2024 9:00	844.78	0
1332906	1/24/2024 18:55	1/25/2024 9:00	844.72	0
624953	1/24/2024 18:55	1/25/2024 9:00	844.78	0
612938	1/24/2024 18:55	1/25/2024 9:00	844.78	0
1445317	1/24/2024 18:55	1/25/2024 7:55	780	0
593397	1/24/2024 18:55	1/25/2024 9:00	844.78	0
1638308	1/24/2024 18:55	1/25/2024 9:00	844.32	0
316630	1/24/2024 18:55	1/25/2024 9:00	844.92	0
623069	1/24/2024 18:55	1/25/2024 9:00	844.78	0
430114	1/24/2024 18:55	1/25/2024 9:00	844.78	0
1358893	1/24/2024 18:55	1/25/2024 9:00	844.72	0
456099	1/24/2024 18:55	1/25/2024 9:00	844.78	0
1351588	1/24/2024 18:55	1/25/2024 8:44	829	0
1351069	1/24/2024 18:55	1/25/2024 9:00	844.72	0
1672454	1/24/2024 18:56	1/25/2024 9:00	843.78	0
281235	1/24/2024 18:56	1/25/2024 9:00	843.92	0
1362130	1/24/2024 18:56	1/25/2024 9:00	843.72	0
35442	1/24/2024 18:56	1/25/2024 9:00	843.92	0
1378582	1/24/2024 18:56	1/25/2024 9:00	843.72	0
197629	1/24/2024 18:56	1/25/2024 9:00	843.92	0
316997	1/24/2024 18:56	1/25/2024 9:00	843.92	0
197356	1/24/2024 18:56	1/25/2024 9:00	843.92	0
1685329	1/24/2024 18:56	1/25/2024 9:00	843.72	0
51483	1/24/2024 18:56	1/25/2024 9:00	843.92	0
1320646	1/24/2024 18:56	1/25/2024 9:00	843.72	0
8148103	1/24/2024 18:56	1/25/2024 9:00	843.92	0
511223	1/24/2024 18:56	1/25/2024 9:00	843.78	0
342796	1/24/2024 18:56	1/25/2024 9:00	843.92	0
498070	1/24/2024 18:56	1/25/2024 9:00	843.78	0
317126	1/24/2024 18:56	1/25/2024 9:00	843.92	0
1348780	1/24/2024 18:56	1/25/2024 9:00	843.72	0
563721	1/24/2024 18:56	1/25/2024 9:00	843.78	0
954637	1/24/2024 18:56	1/25/2024 9:00	843.73	0
8486022	1/24/2024 18:56	1/25/2024 9:00	843.32	0
997397	1/24/2024 18:56	1/25/2024 9:00	843.73	0
317084	1/24/2024 18:57	1/25/2024 9:00	842.92	0
10628562	1/24/2024 18:57	1/25/2024 9:00	842.32	0
449036	1/24/2024 18:57	1/25/2024 9:00	842.78	0
1350598	1/24/2024 18:57	1/25/2024 9:00	842.72	0
1519715	1/24/2024 18:57	1/25/2024 9:00	842.32	0
1444809	1/24/2024 18:57	1/25/2024 7:53	776	0
1346671	1/24/2024 18:57	1/25/2024 9:00	842.72	0
800588	1/24/2024 18:57	1/25/2024 9:00	842.83	0
623871	1/24/2024 18:57	1/25/2024 9:00	842.78	0
1346410	1/24/2024 18:57	1/25/2024 9:00	842.72	0

523489	1/24/2024 18:57	1/25/2024 9:00	842.92	0
506261	1/24/2024 18:57	1/25/2024 9:00	842.78	0
189581	1/24/2024 18:57	1/25/2024 9:00	842.92	0
8972545	1/24/2024 18:57	1/25/2024 9:00	842.78	0
346967	1/24/2024 18:57	1/25/2024 9:00	842.92	0
1680798	1/24/2024 18:57	1/25/2024 9:00	842.92	0
1349605	1/24/2024 18:57	1/25/2024 9:00	842.72	0
345957	1/24/2024 18:57	1/25/2024 9:00	842.92	0
1309098	1/24/2024 18:57	1/25/2024 9:00	842.72	0
646026	1/24/2024 18:58	1/25/2024 9:00	841.78	0
1348976	1/24/2024 18:58	1/25/2024 9:00	841.72	0
664453	1/24/2024 18:58	1/25/2024 9:00	841.83	0
1557303	1/24/2024 18:58	1/25/2024 9:00	841.32	0
1358503	1/24/2024 18:58	1/25/2024 9:00	841.72	0
627289	1/24/2024 18:58	1/25/2024 9:00	841.78	0
1595351	1/24/2024 18:58	1/25/2024 9:00	841.32	0
1343695	1/24/2024 18:58	1/25/2024 9:00	841.72	0
1378128	1/24/2024 18:58	1/25/2024 9:00	841.72	0
658642	1/24/2024 18:58	1/25/2024 9:00	841.83	0
1349502	1/24/2024 18:58	1/25/2024 9:00	841.72	0
926657	1/24/2024 18:58	1/25/2024 9:00	841.83	0
1361528	1/24/2024 18:58	1/25/2024 9:00	841.72	0
593798	1/24/2024 18:58	1/25/2024 9:00	841.78	0
324249	1/24/2024 18:58	1/25/2024 9:00	841.92	0
1565203	1/24/2024 18:58	1/25/2024 9:00	841.32	0
675499	1/24/2024 18:58	1/25/2024 9:00	841.83	0
1077082	1/24/2024 18:58	1/25/2024 9:00	841.78	0
551972	1/24/2024 18:59	1/25/2024 9:00	840.78	0
346347	1/24/2024 18:59	1/25/2024 9:00	840.92	0
349467	1/24/2024 18:59	1/25/2024 9:00	840.92	0
1406535	1/24/2024 18:59	1/25/2024 9:00	840.72	0
1360948	1/24/2024 18:59	1/25/2024 9:00	840.72	0
1447297	1/24/2024 18:59	1/25/2024 9:00	840.32	0
1361543	1/24/2024 18:59	1/25/2024 9:00	840.72	0
511266	1/24/2024 18:59	1/25/2024 9:00	840.78	0
1351539	1/24/2024 18:59	1/25/2024 9:00	840.72	0
346135	1/24/2024 18:59	1/25/2024 9:00	840.92	0
68620	1/24/2024 18:59	1/25/2024 9:00	840.92	0
8495802	1/24/2024 18:59	1/25/2024 9:00	840.32	0
1556486	1/24/2024 18:59	1/25/2024 9:00	840.32	0
345647	1/24/2024 18:59	1/25/2024 9:00	840.92	0
1346665	1/24/2024 18:59	1/25/2024 9:00	840.72	0
1405290	1/24/2024 18:59	1/25/2024 9:00	840.72	0
449377	1/24/2024 18:59	1/24/2024 19:25	26	0
1349083	1/24/2024 19:00	1/25/2024 9:00	839.72	0
353082	1/24/2024 19:00	1/25/2024 9:00	839.92	0
8734349	1/24/2024 19:00	1/25/2024 9:00	839.72	0

1523524	1/24/2024 19:00	1/25/2024 9:00	839.32	0
658658	1/24/2024 19:00	1/25/2024 9:00	839.83	0
353728	1/24/2024 19:00	1/25/2024 9:00	839.92	0
7518767	1/24/2024 19:00	1/25/2024 9:00	839.92	0
6995795	1/24/2024 19:00	1/25/2024 9:00	839.78	0
1376158	1/24/2024 19:00	1/25/2024 9:00	839.72	0
800600	1/24/2024 19:00	1/25/2024 9:00	839.83	0
7879030	1/24/2024 19:00	1/25/2024 9:00	839.78	0
619266	1/24/2024 19:00	1/25/2024 9:00	839.78	0
510522	1/24/2024 19:00	1/25/2024 9:00	839.78	0
1469850	1/24/2024 19:00	1/25/2024 9:00	839.32	0
1515733	1/24/2024 19:00	1/25/2024 9:00	839.32	0
623612	1/24/2024 19:00	1/25/2024 9:00	839.78	0
1519179	1/24/2024 19:01	1/25/2024 9:00	838.32	0
1346455	1/24/2024 19:01	1/25/2024 9:00	838.72	0
1456419	1/24/2024 19:01	1/25/2024 9:00	838.32	0
344958	1/24/2024 19:01	1/25/2024 9:00	838.92	0
860281	1/24/2024 19:02	1/25/2024 9:00	837.83	0
1416360	1/24/2024 19:02	1/25/2024 9:00	837.72	0
645144	1/24/2024 19:02	1/25/2024 9:00	837.78	0
552210	1/24/2024 19:02	1/25/2024 9:00	837.78	0
1431804	1/24/2024 19:02	1/25/2024 9:00	837.32	0
808384	1/24/2024 19:02	1/25/2024 9:00	837.83	0
1556565	1/24/2024 19:02	1/25/2024 9:00	837.32	0
323747	1/24/2024 19:02	1/25/2024 9:00	837.92	0
1554218	1/24/2024 19:02	1/25/2024 9:00	837.32	0
1609551	1/24/2024 19:02	1/25/2024 9:00	837.32	0
1358442	1/24/2024 19:03	1/25/2024 9:00	836.72	0
1417138	1/24/2024 19:03	1/25/2024 9:00	836.72	0
800590	1/24/2024 19:03	1/25/2024 9:00	836.83	0
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1421188	1/24/2024 19:03	1/25/2024 9:00	836.72	0
1417279	1/24/2024 19:03	1/25/2024 9:00	836.72	0
1494722	1/24/2024 19:03	1/25/2024 9:00	836.72	0
645339	1/24/2024 19:03	1/25/2024 9:00	836.78	0
1683861	1/24/2024 19:03	1/25/2024 9:00	836.92	0
454901	1/24/2024 19:03	1/25/2024 9:00	836.78	0
1514000	1/24/2024 19:03	1/25/2024 9:00	836.32	0
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1430294	1/24/2024 19:04	1/25/2024 9:00	835.32	0
624716	1/24/2024 19:04	1/25/2024 9:00	835.78	0
1609222	1/24/2024 19:04	1/25/2024 9:00	835.32	0
353371	1/24/2024 19:04	1/25/2024 9:00	835.92	0
454861	1/24/2024 19:04	1/25/2024 9:00	835.78	0
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590897	1/24/2024 19:04	1/25/2024 9:00	835.78	0

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801004	1/24/2024 19:06	1/25/2024 9:00	833.83	0
10659831	1/24/2024 19:06	1/25/2024 9:00	833.32	0
8605921	1/24/2024 19:06	1/25/2024 9:00	833.92	0
293	1/24/2024 19:06	1/25/2024 9:00	833.92	0
455345	1/24/2024 19:06	1/25/2024 9:00	833.78	0
509233	1/24/2024 19:06	1/25/2024 9:00	833.78	0
7902724	1/24/2024 19:07	1/25/2024 8:34	807	0
319279	1/24/2024 19:07	1/25/2024 9:00	832.92	0
1394324	1/24/2024 19:07	1/25/2024 9:00	832.72	0
1446785	1/24/2024 19:07	1/25/2024 9:00	832.32	0
308032	1/24/2024 19:07	1/25/2024 9:00	832.92	0
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1521655	1/24/2024 19:07	1/25/2024 9:00	832.32	0
324045	1/24/2024 19:07	1/25/2024 9:00	832.92	0
859747	1/24/2024 19:07	1/25/2024 9:00	832.83	0
1535397	1/24/2024 19:07	1/25/2024 9:00	832.32	0
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9063373	1/24/2024 19:07	1/25/2024 9:00	832.72	0
8950281	1/24/2024 19:08	1/25/2024 9:00	831.92	0
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8590289	1/24/2024 19:08	1/25/2024 9:00	831.78	0
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455994	1/24/2024 19:09	1/25/2024 9:00	830.78	0
1546138	1/24/2024 19:09	1/25/2024 9:00	830.32	0
1019	1/24/2024 19:09	1/25/2024 9:00	830.92	0
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381982	1/24/2024 19:11	1/25/2024 9:00	828.78	0
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549370	1/24/2024 19:12	1/25/2024 9:00	827.78	0
1535304	1/24/2024 19:12	1/25/2024 9:00	827.32	0
509102	1/24/2024 19:13	1/25/2024 9:00	826.78	0
1465282	1/24/2024 19:13	1/25/2024 9:00	826.32	0
197561	1/24/2024 19:14	1/25/2024 9:00	825.92	0
1469270	1/24/2024 19:14	1/25/2024 9:00	825.32	0
8068454	1/24/2024 19:15	1/25/2024 9:00	824.78	0
449377	1/24/2024 19:25	1/24/2024 19:31	6	0
449377	1/24/2024 19:31	1/24/2024 20:02	31	0
1265778	1/24/2024 19:37	1/25/2024 9:00	802.72	0
449377	1/24/2024 20:02	1/24/2024 20:39	37	0
593366	1/24/2024 20:33	1/25/2024 9:00	746.78	0
350517	1/24/2024 20:38	1/25/2024 9:00	741.92	0
449377	1/24/2024 20:39	1/24/2024 22:23	104	0
1573666	1/24/2024 22:18	1/25/2024 9:00	641.32	0
449377	1/24/2024 22:23	1/24/2024 22:55	32	0
449377	1/24/2024 22:55	1/24/2024 23:53	58	0
449377	1/24/2024 23:53	1/25/2024 1:20	87	0
449377	1/25/2024 1:20	1/25/2024 1:57	37	0
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449377	1/25/2024 2:23	1/25/2024 3:00	37	0
449377	1/25/2024 3:00	1/25/2024 3:47	47	0
449377	1/25/2024 3:47	1/25/2024 3:58	11	0
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449377	1/25/2024 4:08	1/25/2024 4:18	10	0
449377	1/25/2024 4:18	1/25/2024 4:50	32	0
449377	1/25/2024 4:50	1/25/2024 5:37	47	0
449377	1/25/2024 5:37	1/25/2024 5:48	11	0
449377	1/25/2024 5:48	1/25/2024 5:53	5	0
449377	1/25/2024 5:53	1/25/2024 6:56	63	0
449377	1/25/2024 6:56	1/25/2024 8:10	74	0
1444809	1/25/2024 7:53	1/25/2024 9:00	66.32	0
1445317	1/25/2024 7:55	1/25/2024 9:00	64.32	0
449377	1/25/2024 8:10	1/25/2024 8:46	36	0
65245	1/25/2024 8:19	1/25/2024 8:33	14	0
314945	1/25/2024 8:23	1/25/2024 9:00	36.92	0
317195	1/25/2024 8:25	1/25/2024 9:00	34.92	0

65245	1/25/2024 8:33	1/25/2024 9:00	26.92	0
7902724	1/25/2024 8:34	1/25/2024 9:00	25.92	0
1361623	1/25/2024 8:39	1/25/2024 9:00	20.72	0
1362855	1/25/2024 8:40	1/25/2024 9:00	19.72	0
1350104	1/25/2024 8:41	1/25/2024 9:00	18.72	0
1351588	1/25/2024 8:44	1/25/2024 9:00	15.72	0
449377	1/25/2024 8:46	1/25/2024 9:00	13.78	0
195216	1/25/2024 9:00	1/26/2024 9:00	1439.92	0
353728	1/25/2024 9:00	1/25/2024 14:19	319	0
554089	1/25/2024 9:00	1/26/2024 9:00	1439.78	0
1552447	1/25/2024 9:00	1/26/2024 9:00	1439.32	0
1352388	1/25/2024 9:00	1/26/2024 9:00	1439.72	0
1702895	1/25/2024 9:00	1/26/2024 9:00	1439.72	0
7178975	1/25/2024 9:00	1/25/2024 10:05	65	0
8766703	1/25/2024 9:00	1/26/2024 9:00	1439.73	0
562202	1/25/2024 9:00	1/25/2024 14:56	356	0
7194273	1/25/2024 9:00	1/26/2024 9:00	1439.32	0
51483	1/25/2024 9:00	1/25/2024 22:18	798	0
8668965	1/25/2024 9:00	1/25/2024 10:38	98	0
509233	1/25/2024 9:00	1/25/2024 11:38	158	0
1985687	1/25/2024 9:00	1/26/2024 9:00	1439.78	0
1349032	1/25/2024 9:00	1/26/2024 9:00	1439.72	0
1394324	1/25/2024 9:00	1/25/2024 11:23	143	0
51957	1/25/2024 9:00	1/25/2024 22:22	802	0
314188	1/25/2024 9:00	1/25/2024 10:02	62	0
447406	1/25/2024 9:00	1/25/2024 16:13	433	0
315730	1/25/2024 9:00	1/25/2024 10:06	66	0
675499	1/25/2024 9:00	1/25/2024 12:13	193	0
1516786	1/25/2024 9:00	1/26/2024 9:00	1439.32	0
315169	1/25/2024 9:00	1/25/2024 10:06	66	0
1513541	1/25/2024 9:06	1/26/2024 9:00	1433.32	0
1516579	1/25/2024 9:06	1/25/2024 10:40	94	0
1453263	1/25/2024 9:07	1/25/2024 10:26	79	0
8950281	1/25/2024 9:07	1/25/2024 22:21	794	0
10222019	1/25/2024 9:07	1/26/2024 9:00	1432.72	0
197883	1/25/2024 9:07	1/25/2024 10:04	57	0
1552990	1/25/2024 9:07	1/26/2024 9:00	1432.32	0
1333801	1/25/2024 9:08	1/25/2024 18:56	588	0
574993	1/25/2024 9:08	1/25/2024 11:09	121	0
6761269	1/25/2024 9:08	1/25/2024 10:11	63	0
1445317	1/25/2024 9:09	1/25/2024 22:19	790	0
605186	1/25/2024 9:09	1/25/2024 10:06	57	0
1469956	1/25/2024 9:10	1/25/2024 22:19	789	0
1469850	1/25/2024 9:11	1/25/2024 22:20	789	0
1444809	1/25/2024 9:12	1/25/2024 22:19	787	0
1469270	1/25/2024 9:12	1/25/2024 22:15	783	0
1680798	1/25/2024 9:12	1/25/2024 14:16	304	0

1638308	1/25/2024 9:13	1/26/2024 9:00	1426.32	0
347230	1/25/2024 9:16	1/25/2024 14:14	298	0
350517	1/25/2024 9:17	1/25/2024 11:32	135	0
65553	1/25/2024 9:17	1/26/2024 9:00	1422.92	0
65245	1/25/2024 9:19	1/25/2024 11:33	134	0
324249	1/25/2024 9:23	1/25/2024 14:07	284	0
317195	1/25/2024 9:23	1/25/2024 22:21	778	0
323747	1/25/2024 9:24	1/25/2024 14:08	284	0
314945	1/25/2024 9:26	1/25/2024 22:17	771	0
323657	1/25/2024 9:26	1/25/2024 14:09	283	0
1190246	1/25/2024 9:28	1/25/2024 11:39	131	0
1393699	1/25/2024 9:28	1/25/2024 11:45	137	0
1494722	1/25/2024 9:29	1/25/2024 11:46	137	0
1599209	1/25/2024 9:30	1/25/2024 14:45	315	0
1597556	1/25/2024 9:31	1/25/2024 14:47	316	0
1624452	1/25/2024 9:31	1/25/2024 22:17	766	0
7902724	1/25/2024 9:32	1/25/2024 10:19	47	0
275018	1/25/2024 9:35	1/25/2024 22:18	763	0
558031	1/25/2024 9:36	1/25/2024 10:23	47	0
10393495	1/25/2024 9:36	1/25/2024 22:18	762	0
800588	1/25/2024 9:37	1/25/2024 14:26	289	0
8206792	1/25/2024 9:37	1/25/2024 22:20	763	0
1361623	1/25/2024 9:37	1/25/2024 14:36	299	0
801004	1/25/2024 9:37	1/25/2024 14:26	289	0
1362855	1/25/2024 9:38	1/25/2024 14:37	299	0
1321605	1/25/2024 9:38	1/25/2024 18:59	561	0
10510361	1/25/2024 9:38	1/25/2024 22:20	762	0
8104722	1/25/2024 9:38	1/25/2024 22:20	762	0
561757	1/25/2024 9:38	1/25/2024 10:20	42	0
800590	1/25/2024 9:39	1/25/2024 14:22	283	0
664453	1/25/2024 9:40	1/25/2024 22:21	761	0
1355611	1/25/2024 9:41	1/25/2024 14:35	294	0
315346	1/25/2024 9:41	1/25/2024 22:18	757	0
1450250	1/25/2024 9:41	1/25/2024 22:17	756	0
523489	1/25/2024 9:41	1/25/2024 22:22	761	0
800600	1/25/2024 9:41	1/25/2024 14:24	283	0
317233	1/25/2024 9:41	1/25/2024 22:20	759	0
315345	1/25/2024 9:41	1/25/2024 22:22	761	0
314899	1/25/2024 9:41	1/25/2024 22:19	758	0
318402	1/25/2024 9:42	1/25/2024 22:19	757	0
317084	1/25/2024 9:43	1/25/2024 22:18	755	0
1019446	1/25/2024 9:43	1/25/2024 10:45	62	0
317797	1/25/2024 9:46	1/25/2024 22:18	752	0
8605921	1/25/2024 9:46	1/25/2024 11:37	111	0
1463218	1/25/2024 9:48	1/25/2024 10:04	16	0
349467	1/25/2024 9:48	1/25/2024 10:23	35	0
455345	1/25/2024 9:48	1/25/2024 22:18	750	0

4173986	1/25/2024 9:49	1/25/2024 22:18	749	0
276488	1/25/2024 9:49	1/25/2024 22:21	752	0
457978	1/25/2024 9:50	1/25/2024 14:18	268	0
454861	1/25/2024 9:50	1/25/2024 14:24	274	0
455994	1/25/2024 9:50	1/25/2024 10:06	16	0
279833	1/25/2024 9:50	1/25/2024 22:17	747	0
1464949	1/25/2024 9:50	1/25/2024 10:06	16	0
455629	1/25/2024 9:50	1/25/2024 14:22	272	0
457729	1/25/2024 9:51	1/25/2024 14:19	268	0
500173	1/25/2024 9:51	1/25/2024 22:16	745	0
510974	1/25/2024 9:52	1/25/2024 11:37	105	0
454901	1/25/2024 9:52	1/25/2024 14:19	267	0
1350598	1/25/2024 9:53	1/25/2024 22:20	747	0
274522	1/25/2024 9:53	1/25/2024 22:21	748	0
498070	1/25/2024 9:53	1/25/2024 22:20	747	0
506261	1/25/2024 9:54	1/25/2024 11:40	106	0
1347014	1/25/2024 9:54	1/25/2024 22:22	748	0
275495	1/25/2024 9:54	1/25/2024 22:20	746	0
1349502	1/25/2024 9:55	1/25/2024 22:22	747	0
281235	1/25/2024 9:55	1/25/2024 22:19	744	0
1350104	1/25/2024 9:55	1/25/2024 22:17	742	0
887599	1/25/2024 9:55	1/25/2024 22:19	744	0
1524033	1/25/2024 9:55	1/25/2024 11:40	105	0
1351588	1/25/2024 9:57	1/25/2024 15:07	310	0
553863	1/25/2024 9:57	1/25/2024 22:17	740	0
1703004	1/25/2024 9:58	1/25/2024 22:20	742	0
1348444	1/25/2024 9:58	1/25/2024 22:18	740	0
1405290	1/25/2024 10:00	1/25/2024 22:17	737	0
47769	1/25/2024 10:00	1/25/2024 22:17	737	0
1406535	1/25/2024 10:00	1/25/2024 22:16	736	0
314188	1/25/2024 10:02	1/25/2024 11:47	105	0
1020565	1/25/2024 10:02	1/25/2024 11:44	102	0
1463218	1/25/2024 10:04	1/25/2024 22:20	736	0
197883	1/25/2024 10:04	1/25/2024 11:39	95	0
7178975	1/25/2024 10:05	1/25/2024 11:50	105	0
601397	1/25/2024 10:05	1/25/2024 11:50	105	0
49209	1/25/2024 10:05	1/25/2024 22:20	735	0
197629	1/25/2024 10:05	1/25/2024 11:39	94	0
1412757	1/25/2024 10:06	1/25/2024 11:51	105	0
455994	1/25/2024 10:06	1/25/2024 10:38	32	0
605186	1/25/2024 10:06	1/25/2024 22:20	734	0
315730	1/25/2024 10:06	1/25/2024 11:51	105	0
315169	1/25/2024 10:06	1/25/2024 11:51	105	0
1464949	1/25/2024 10:06	1/25/2024 22:18	732	0
195839	1/25/2024 10:07	1/25/2024 11:37	90	0
316997	1/25/2024 10:07	1/25/2024 10:12	5	0
196408	1/25/2024 10:07	1/25/2024 11:37	90	0

8387677	1/25/2024 10:08	1/25/2024 11:26	78	0
197690	1/25/2024 10:08	1/25/2024 11:38	90	0
1515733	1/25/2024 10:08	1/25/2024 11:37	89	0
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1494722	1/25/2024 14:26	1/25/2024 14:42	16	0
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658642	1/25/2024 14:28	1/25/2024 22:19	471	0
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353728	1/25/2024 14:40	1/25/2024 15:01	21	0
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507365	1/25/2024 14:41	1/25/2024 22:19	458	0
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506261	1/25/2024 14:43	1/25/2024 22:16	453	0
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1333801	1/25/2024 18:56	1/26/2024 9:00	843.72	0
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1309098	1/25/2024 18:58	1/26/2024 9:00	841.72	0
1343695	1/25/2024 18:58	1/26/2024 9:00	841.72	0
1434359	1/25/2024 18:58	1/26/2024 9:00	841.32	0
1321605	1/25/2024 18:59	1/26/2024 9:00	840.72	0
324290	1/25/2024 18:59	1/26/2024 9:00	840.92	0
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523018	1/25/2024 22:17	1/26/2024 9:00	642.83	0
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511223	1/25/2024 22:18	1/26/2024 9:00	641.78	0
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277818	1/25/2024 22:18	1/26/2024 9:00	641.92	0
353651	1/25/2024 22:18	1/26/2024 9:00	641.92	0
353082	1/25/2024 22:18	1/26/2024 9:00	641.92	0
854579	1/25/2024 22:18	1/26/2024 9:00	641.83	0

8734349	1/25/2024 22:18	1/26/2024 9:00	641.72	0
23462	1/25/2024 22:18	1/26/2024 9:00	641.92	0
350406	1/25/2024 22:18	1/26/2024 9:00	641.92	0
794132	1/25/2024 22:18	1/26/2024 9:00	641.83	0
627018	1/25/2024 22:18	1/26/2024 9:00	641.78	0
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8590289	1/25/2024 22:18	1/26/2024 9:00	641.78	0
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1320619	1/25/2024 22:18	1/26/2024 9:00	641.72	0
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347230	1/25/2024 22:18	1/26/2024 9:00	641.92	0
34887	1/25/2024 22:18	1/26/2024 9:00	641.92	0
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1347024	1/25/2024 22:18	1/26/2024 9:00	641.72	0
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1515733	1/25/2024 22:18	1/26/2024 9:00	641.32	0
323657	1/25/2024 22:18	1/26/2024 9:00	641.92	0
1332906	1/25/2024 22:18	1/26/2024 9:00	641.72	0
6995795	1/25/2024 22:18	1/26/2024 9:00	641.78	0
70866	1/25/2024 22:18	1/26/2024 9:00	641.92	0
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51483	1/25/2024 22:18	1/26/2024 9:00	641.92	0
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267537	1/25/2024 22:19	1/26/2024 9:00	640.92	0
997397	1/25/2024 22:19	1/26/2024 9:00	640.73	0
1361623	1/25/2024 22:19	1/26/2024 9:00	640.72	0
561757	1/25/2024 22:19	1/26/2024 9:00	640.78	0
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1362855	1/25/2024 22:19	1/26/2024 9:00	640.72	0
656343	1/25/2024 22:19	1/26/2024 9:00	640.83	0
328113	1/25/2024 22:19	1/26/2024 9:00	640.92	0
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1394365	1/25/2024 22:19	1/26/2024 9:00	640.72	0
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314899	1/25/2024 22:19	1/26/2024 9:00	640.92	0
1415828	1/25/2024 22:19	1/26/2024 9:00	640.72	0
558800	1/25/2024 22:19	1/26/2024 9:00	640.78	0
35442	1/25/2024 22:19	1/26/2024 9:00	640.92	0
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449377	1/25/2024 22:19	1/25/2024 22:24	5	0
508593	1/25/2024 22:19	1/26/2024 9:00	640.78	0
507365	1/25/2024 22:19	1/26/2024 9:00	640.78	0
324045	1/25/2024 22:19	1/26/2024 9:00	640.92	0
1350499	1/25/2024 22:19	1/26/2024 9:00	640.72	0
281332	1/25/2024 22:19	1/26/2024 9:00	640.92	0
562856	1/25/2024 22:19	1/26/2024 9:00	640.78	0
281235	1/25/2024 22:19	1/26/2024 9:00	640.92	0
1444809	1/25/2024 22:19	1/26/2024 7:57	578	0
1514004	1/25/2024 22:19	1/26/2024 9:00	640.32	0
7902724	1/25/2024 22:19	1/26/2024 9:00	640.92	0
1597556	1/25/2024 22:19	1/26/2024 9:00	640.32	0
1417138	1/25/2024 22:19	1/26/2024 9:00	640.72	0
342796	1/25/2024 22:19	1/26/2024 9:00	640.92	0
954332	1/25/2024 22:19	1/26/2024 9:00	640.73	0
1092960	1/25/2024 22:19	1/26/2024 9:00	640.78	0
626477	1/25/2024 22:19	1/26/2024 9:00	640.78	0
65245	1/25/2024 22:19	1/26/2024 9:00	640.92	0

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509233	1/25/2024 22:19	1/26/2024 9:00	640.78	0
887599	1/25/2024 22:19	1/26/2024 9:00	640.83	0
1702936	1/25/2024 22:19	1/26/2024 9:00	640.72	0
349467	1/25/2024 22:19	1/26/2024 9:00	640.92	0
1346455	1/25/2024 22:19	1/26/2024 9:00	640.72	0
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1381983	1/25/2024 22:19	1/26/2024 9:00	640.72	0
852125	1/25/2024 22:19	1/26/2024 9:00	640.83	0
574596	1/25/2024 22:19	1/26/2024 9:00	640.78	0
8387677	1/25/2024 22:19	1/26/2024 9:00	640.92	0
793690	1/25/2024 22:20	1/26/2024 9:00	639.83	0
926657	1/25/2024 22:20	1/26/2024 9:00	639.83	0
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413869	1/25/2024 22:20	1/25/2024 22:39	19	0
646026	1/25/2024 22:20	1/26/2024 9:00	639.78	0
1453263	1/25/2024 22:20	1/26/2024 9:00	639.32	0
66435	1/25/2024 22:20	1/26/2024 9:00	639.92	0
627289	1/25/2024 22:20	1/26/2024 9:00	639.78	0
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1348044	1/25/2024 22:20	1/26/2024 9:00	639.72	0
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1361528	1/25/2024 22:20	1/26/2024 9:00	639.72	0
1074779	1/25/2024 22:20	1/26/2024 9:00	639.78	0
658658	1/25/2024 22:20	1/26/2024 9:00	639.83	0
1583853	1/25/2024 22:20	1/26/2024 9:00	639.32	0
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275495	1/25/2024 22:20	1/26/2024 9:00	639.92	0
1394324	1/25/2024 22:20	1/26/2024 9:00	639.72	0
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1190246	1/25/2024 22:20	1/26/2024 9:00	639.72	0
510307	1/25/2024 22:20	1/26/2024 9:00	639.78	0
1346671	1/25/2024 22:20	1/26/2024 9:00	639.72	0
590897	1/25/2024 22:20	1/26/2024 9:00	639.78	0
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1703004	1/25/2024 22:20	1/26/2024 9:00	639.72	0
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8434548	1/25/2024 22:20	1/26/2024 9:00	639.92	0
561672	1/25/2024 22:20	1/26/2024 9:00	639.78	0
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1349542	1/25/2024 22:20	1/26/2024 9:00	639.72	0
1465282	1/25/2024 22:20	1/26/2024 9:00	639.32	0
852071	1/25/2024 22:20	1/26/2024 9:00	639.83	0
1463218	1/25/2024 22:20	1/26/2024 9:00	639.32	0

498070	1/25/2024 22:20	1/26/2024 9:00	639.78	0
447406	1/25/2024 22:20	1/26/2024 9:00	639.78	0
552210	1/25/2024 22:20	1/26/2024 9:00	639.78	0
49209	1/25/2024 22:20	1/26/2024 9:00	639.92	0
645339	1/25/2024 22:20	1/26/2024 9:00	639.78	0
1065197	1/25/2024 22:20	1/26/2024 9:00	639.73	0
1350598	1/25/2024 22:20	1/26/2024 9:00	639.72	0
345647	1/25/2024 22:20	1/26/2024 9:00	639.92	0
1362130	1/25/2024 22:20	1/26/2024 9:00	639.72	0
560588	1/25/2024 22:20	1/26/2024 9:00	639.78	0
860281	1/25/2024 22:20	1/26/2024 9:00	639.83	0
7178975	1/25/2024 22:20	1/26/2024 9:00	639.92	0
561349	1/25/2024 22:20	1/26/2024 9:00	639.78	0
567126	1/25/2024 22:20	1/26/2024 9:00	639.78	0
1469850	1/25/2024 22:20	1/26/2024 9:00	639.32	0
1395587	1/25/2024 22:20	1/26/2024 9:00	639.72	0
317233	1/25/2024 22:20	1/26/2024 9:00	639.92	0
8104722	1/25/2024 22:20	1/26/2024 9:00	639.92	0
8206792	1/25/2024 22:20	1/26/2024 9:00	639.32	0
7879030	1/25/2024 22:20	1/26/2024 9:00	639.78	0
10510361	1/25/2024 22:20	1/26/2024 9:00	639.92	0
346288	1/25/2024 22:20	1/26/2024 9:00	639.92	0
449036	1/25/2024 22:20	1/26/2024 9:00	639.78	0
1421188	1/25/2024 22:20	1/26/2024 9:00	639.72	0
792391	1/25/2024 22:21	1/26/2024 9:00	638.83	0
274125	1/25/2024 22:21	1/26/2024 9:00	638.92	0
1351069	1/25/2024 22:21	1/26/2024 9:00	638.72	0
125572	1/25/2024 22:21	1/26/2024 9:00	638.92	0
1348976	1/25/2024 22:21	1/26/2024 9:00	638.72	0
197356	1/25/2024 22:21	1/26/2024 9:00	638.92	0
1349766	1/25/2024 22:21	1/26/2024 9:00	638.72	0
34832	1/25/2024 22:21	1/26/2024 9:00	638.92	0
416557	1/25/2024 22:21	1/26/2024 9:00	638.78	0
30471	1/25/2024 22:21	1/26/2024 9:00	638.92	0
1351539	1/25/2024 22:21	1/26/2024 9:00	638.72	0
277301	1/25/2024 22:21	1/26/2024 9:00	638.92	0
624953	1/25/2024 22:21	1/26/2024 9:00	638.78	0
1350975	1/25/2024 22:21	1/26/2024 9:00	638.72	0
189581	1/25/2024 22:21	1/26/2024 9:00	638.92	0
8524544	1/25/2024 22:21	1/26/2024 9:00	638.92	0
1393633	1/25/2024 22:21	1/26/2024 9:00	638.72	0
21820	1/25/2024 22:21	1/26/2024 9:00	638.92	0
1346410	1/25/2024 22:21	1/26/2024 9:00	638.72	0
378229	1/25/2024 22:21	1/26/2024 9:00	638.78	0
1320008	1/25/2024 22:21	1/26/2024 9:00	638.72	0
28509	1/25/2024 22:21	1/26/2024 9:00	638.92	0
1680798	1/25/2024 22:21	1/26/2024 9:00	638.92	0

454901	1/25/2024 22:21	1/26/2024 9:00	638.78	0
1599209	1/25/2024 22:21	1/26/2024 9:00	638.32	0
274522	1/25/2024 22:21	1/26/2024 9:00	638.92	0
455629	1/25/2024 22:21	1/26/2024 9:00	638.78	0
324249	1/25/2024 22:21	1/26/2024 9:00	638.92	0
1350597	1/25/2024 22:21	1/26/2024 9:00	638.72	0
8950281	1/25/2024 22:21	1/26/2024 9:00	638.92	0
1363588	1/25/2024 22:21	1/26/2024 9:00	638.72	0
1361770	1/25/2024 22:21	1/26/2024 9:00	638.72	0
455994	1/25/2024 22:21	1/26/2024 9:00	638.78	0
317126	1/25/2024 22:21	1/26/2024 9:00	638.92	0
317195	1/25/2024 22:21	1/26/2024 9:00	638.92	0
8910809	1/25/2024 22:21	1/26/2024 9:00	638.78	0
664453	1/25/2024 22:21	1/26/2024 9:00	638.83	0
197883	1/25/2024 22:21	1/26/2024 9:00	638.92	0
276488	1/25/2024 22:21	1/26/2024 9:00	638.92	0
68620	1/25/2024 22:21	1/26/2024 9:00	638.92	0
1430294	1/25/2024 22:21	1/26/2024 9:00	638.32	0
346967	1/25/2024 22:21	1/26/2024 9:00	638.92	0
315730	1/25/2024 22:21	1/26/2024 9:00	638.92	0
1024182	1/25/2024 22:21	1/26/2024 9:00	638.73	0
1521914	1/25/2024 22:21	1/26/2024 9:00	638.32	0
957615	1/25/2024 22:22	1/26/2024 9:00	637.73	0
593798	1/25/2024 22:22	1/26/2024 9:00	637.78	0
29635	1/25/2024 22:22	1/26/2024 9:00	637.92	0
1683861	1/25/2024 22:22	1/26/2024 9:00	637.92	0
1347014	1/25/2024 22:22	1/26/2024 9:00	637.72	0
353371	1/25/2024 22:22	1/26/2024 9:00	637.92	0
8972545	1/25/2024 22:22	1/26/2024 9:00	637.78	0
800600	1/25/2024 22:22	1/26/2024 9:00	637.83	0
197629	1/25/2024 22:22	1/26/2024 9:00	637.92	0
51957	1/25/2024 22:22	1/26/2024 9:00	637.92	0
1247921	1/25/2024 22:22	1/26/2024 9:00	637.83	0
957216	1/25/2024 22:22	1/26/2024 9:00	637.73	0
457729	1/25/2024 22:22	1/26/2024 9:00	637.78	0
1347888	1/25/2024 22:22	1/26/2024 9:00	637.72	0
1349502	1/25/2024 22:22	1/26/2024 9:00	637.72	0
315345	1/25/2024 22:22	1/26/2024 9:00	637.92	0
1349244	1/25/2024 22:22	1/26/2024 9:00	637.72	0
21306	1/25/2024 22:22	1/26/2024 9:00	637.92	0
1347937	1/25/2024 22:22	1/26/2024 9:00	637.72	0
793737	1/25/2024 22:22	1/26/2024 9:00	637.83	0
1347949	1/25/2024 22:22	1/26/2024 9:00	637.72	0
523489	1/25/2024 22:22	1/26/2024 9:00	637.92	0
772378	1/25/2024 22:22	1/26/2024 9:00	637.78	0
195839	1/25/2024 22:22	1/26/2024 9:00	637.92	0
456099	1/25/2024 22:23	1/26/2024 9:00	636.78	0

69207	1/25/2024 22:23	1/26/2024 9:00	636.92	0
274059	1/25/2024 22:23	1/26/2024 9:00	636.92	0
350346	1/25/2024 22:23	1/26/2024 9:00	636.92	0
449377	1/25/2024 22:24	1/25/2024 22:55	31	0
8068454	1/25/2024 22:27	1/26/2024 9:00	632.78	0
1064575	1/25/2024 22:28	1/26/2024 9:00	631.73	0
197690	1/25/2024 22:30	1/26/2024 9:00	629.92	0
413869	1/25/2024 22:39	1/25/2024 22:40	1	0
413869	1/25/2024 22:40	1/25/2024 22:59	19	0
624716	1/25/2024 22:49	1/26/2024 9:00	610.78	0
449377	1/25/2024 22:55	1/25/2024 23:54	59	0
562658	1/25/2024 22:58	1/26/2024 9:00	601.78	0
413869	1/25/2024 22:59	1/25/2024 23:00	1	0
413869	1/25/2024 23:00	1/25/2024 23:19	19	0
413869	1/25/2024 23:19	1/25/2024 23:20	1	0
413869	1/25/2024 23:20	1/25/2024 23:39	19	0
1077082	1/25/2024 23:39	1/26/2024 9:00	560.78	0
413869	1/25/2024 23:39	1/25/2024 23:40	1	0
413869	1/25/2024 23:40	1/25/2024 23:59	19	0
593397	1/25/2024 23:46	1/26/2024 9:00	553.78	0
1576533	1/25/2024 23:48	1/26/2024 9:00	551.32	0
449377	1/25/2024 23:54	1/26/2024 0:57	63	0
413869	1/25/2024 23:59	1/26/2024 0:00	1	0
413869	1/26/2024 0:00	1/26/2024 0:19	19	0
413869	1/26/2024 0:19	1/26/2024 0:20	1	0
413869	1/26/2024 0:20	1/26/2024 0:39	19	0
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413869	1/26/2024 5:22	1/26/2024 9:00	217.9	0

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34887	1/26/2024 13:42	1/26/2024 13:58	16	0

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928438	1/26/2024 13:50	1/27/2024 9:00	1149.83	0
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34887	1/26/2024 13:58	1/26/2024 14:13	15	0
27443	1/26/2024 13:58	1/26/2024 14:14	16	0
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29848	1/26/2024 14:00	1/26/2024 22:27	507	0
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34832	1/26/2024 14:01	1/26/2024 14:16	15	0
574993	1/26/2024 14:01	1/26/2024 14:07	6	0
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27443	1/26/2024 14:14	1/26/2024 22:27	493	0
318402	1/26/2024 14:14	1/26/2024 14:24	10	0
29635	1/26/2024 14:14	1/26/2024 22:21	487	0
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1494722	1/26/2024 14:14	1/26/2024 14:29	15	0
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24369	1/26/2024 14:14	1/27/2024 9:00	1125.92	0
8148103	1/26/2024 14:14	1/26/2024 14:24	10	0
30471	1/26/2024 14:15	1/26/2024 22:27	492	0
49209	1/26/2024 14:16	1/26/2024 14:32	16	0
24124	1/26/2024 14:16	1/26/2024 23:05	529	0
1514000	1/26/2024 14:16	1/26/2024 22:23	487	0
418291	1/26/2024 14:16	1/26/2024 14:32	16	0
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275018	1/26/2024 14:36	1/26/2024 22:26	470	0
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416557	1/26/2024 14:45	1/26/2024 22:21	456	0
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325050	1/26/2024 16:40	1/26/2024 22:25	345	0
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563721	1/26/2024 22:20	1/27/2024 9:00	639.78	0
1430838	1/26/2024 22:20	1/27/2024 9:00	639.32	0
279833	1/26/2024 22:20	1/27/2024 9:00	639.92	0
6714863	1/26/2024 22:20	1/27/2024 9:00	639.83	0
1417279	1/26/2024 22:20	1/27/2024 9:00	639.72	0

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1362130	1/26/2024 22:20	1/27/2024 9:00	639.72	0
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27483	1/26/2024 22:20	1/27/2024 9:00	639.92	0
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1584687	1/26/2024 22:20	1/27/2024 9:00	639.32	0
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509102	1/26/2024 22:20	1/27/2024 9:00	639.78	0
1355611	1/26/2024 22:20	1/27/2024 9:00	639.72	0
7178975	1/26/2024 22:20	1/27/2024 9:00	639.92	0
1444809	1/26/2024 22:21	1/27/2024 9:00	638.32	0
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957615	1/26/2024 22:21	1/27/2024 9:00	638.73	0
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277301	1/26/2024 22:21	1/27/2024 9:00	638.92	0
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198082	1/26/2024 22:21	1/27/2024 9:00	638.92	0
317233	1/26/2024 22:21	1/27/2024 9:00	638.92	0
47769	1/26/2024 22:21	1/27/2024 9:00	638.92	0
1557303	1/26/2024 22:21	1/27/2024 9:00	638.32	0
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645339	1/26/2024 22:21	1/27/2024 9:00	638.78	0
1378273	1/26/2024 22:21	1/27/2024 9:00	638.72	0
29635	1/26/2024 22:21	1/27/2024 9:00	638.92	0
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413869	1/26/2024 22:21	1/26/2024 22:40	19	0
510307	1/26/2024 22:21	1/27/2024 9:00	638.78	0
125572	1/26/2024 22:21	1/27/2024 9:00	638.92	0
1452193	1/26/2024 22:21	1/27/2024 9:00	638.32	0
1464949	1/26/2024 22:21	1/27/2024 9:00	638.32	0
1394324	1/26/2024 22:21	1/27/2024 9:00	638.72	0
1516786	1/26/2024 22:21	1/27/2024 9:00	638.32	0
449036	1/26/2024 22:21	1/27/2024 9:00	638.78	0
8605921	1/26/2024 22:21	1/27/2024 9:00	638.92	0
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26921	1/26/2024 22:22	1/27/2024 9:00	637.92	0
1513959	1/26/2024 22:22	1/27/2024 9:00	637.32	0
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1346671	1/26/2024 22:22	1/27/2024 9:00	637.72	0
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455629	1/26/2024 22:22	1/27/2024 9:00	637.78	0
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1349177	1/26/2024 22:23	1/27/2024 9:00	636.72	0
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275495	1/26/2024 22:23	1/27/2024 9:00	636.92	0
23566	1/26/2024 22:23	1/27/2024 9:00	636.92	0
315169	1/26/2024 22:23	1/27/2024 9:00	636.92	0
197561	1/26/2024 22:23	1/27/2024 9:00	636.92	0
8524544	1/26/2024 22:23	1/27/2024 9:00	636.92	0
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8068454	1/26/2024 22:23	1/27/2024 9:00	636.78	0

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1348976	1/26/2024 22:23	1/27/2024 9:00	636.72	0
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926657	1/26/2024 22:24	1/27/2024 9:00	635.83	0
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1353525	1/26/2024 22:24	1/27/2024 9:00	635.72	0
860281	1/26/2024 22:24	1/27/2024 9:00	635.83	0
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658177	1/26/2024 22:24	1/27/2024 9:00	635.83	0
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627018	1/26/2024 22:24	1/27/2024 9:00	635.78	0
1466445	1/26/2024 22:24	1/27/2024 9:00	635.32	0
8104722	1/26/2024 22:24	1/27/2024 9:00	635.92	0
567126	1/26/2024 22:24	1/27/2024 9:00	635.78	0
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1349083	1/26/2024 22:24	1/27/2024 9:00	635.72	0
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29748	1/26/2024 22:24	1/27/2024 9:00	635.92	0
523489	1/26/2024 22:24	1/27/2024 9:00	635.92	0
328113	1/26/2024 22:24	1/27/2024 9:00	635.92	0
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519373	1/26/2024 22:24	1/27/2024 9:00	635.92	0
350346	1/26/2024 22:25	1/27/2024 9:00	634.92	0
1378582	1/26/2024 22:25	1/27/2024 9:00	634.72	0
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7518767	1/26/2024 22:25	1/27/2024 9:00	634.92	0
1342473	1/26/2024 22:25	1/27/2024 9:00	634.72	0
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1683861	1/26/2024 22:25	1/27/2024 9:00	634.92	0
28110	1/26/2024 22:25	1/27/2024 9:00	634.92	0
456099	1/26/2024 22:25	1/27/2024 9:00	634.78	0
511266	1/26/2024 22:25	1/27/2024 9:00	634.78	0
997397	1/26/2024 22:25	1/27/2024 9:00	634.73	0
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1355729	1/26/2024 22:25	1/27/2024 9:00	634.72	0
325050	1/26/2024 22:25	1/27/2024 9:00	634.92	0
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1573666	1/26/2024 22:25	1/27/2024 9:00	634.32	0
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1597556	1/26/2024 22:25	1/27/2024 9:00	634.32	0
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1351069	1/26/2024 22:25	1/27/2024 9:00	634.72	0
511223	1/26/2024 22:25	1/27/2024 9:00	634.78	0

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1503634	1/26/2024 22:26	1/27/2024 9:00	633.72	0
315306	1/26/2024 22:26	1/27/2024 9:00	633.92	0
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267537	1/26/2024 22:26	1/27/2024 9:00	633.92	0
34887	1/26/2024 22:26	1/27/2024 9:00	633.92	0
1332906	1/26/2024 22:26	1/27/2024 9:00	633.72	0
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275018	1/26/2024 22:26	1/27/2024 9:00	633.92	0
316853	1/26/2024 22:26	1/27/2024 9:00	633.92	0
1348044	1/26/2024 22:26	1/27/2024 9:00	633.72	0
564518	1/26/2024 22:26	1/27/2024 9:00	633.78	0
664453	1/26/2024 22:26	1/27/2024 9:00	633.83	0
68308	1/26/2024 22:26	1/27/2024 9:00	633.92	0
317797	1/26/2024 22:26	1/27/2024 9:00	633.92	0
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1412757	1/26/2024 22:26	1/27/2024 9:00	633.72	0
318402	1/26/2024 22:26	1/27/2024 9:00	633.92	0
656343	1/26/2024 22:26	1/27/2024 9:00	633.83	0
1554218	1/26/2024 22:26	1/27/2024 9:00	633.32	0
1251782	1/26/2024 22:26	1/27/2024 9:00	633.83	0
447406	1/26/2024 22:26	1/27/2024 9:00	633.78	0
314945	1/26/2024 22:26	1/27/2024 9:00	633.92	0
274059	1/26/2024 22:26	1/27/2024 9:00	633.92	0
1362855	1/26/2024 22:26	1/27/2024 9:00	633.72	0
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430114	1/26/2024 22:27	1/27/2024 9:00	632.78	0
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30471	1/26/2024 22:27	1/27/2024 9:00	632.92	0
1421188	1/26/2024 22:27	1/27/2024 9:00	632.72	0
817260	1/26/2024 22:27	1/27/2024 9:00	632.83	0
8148103	1/26/2024 22:27	1/27/2024 9:00	632.92	0
561758	1/26/2024 22:27	1/27/2024 9:00	632.78	0
1466357	1/26/2024 22:27	1/27/2024 9:00	632.32	0
315345	1/26/2024 22:27	1/27/2024 9:00	632.92	0
21306	1/26/2024 22:27	1/27/2024 9:00	632.92	0
70866	1/26/2024 22:27	1/27/2024 9:00	632.92	0
1190820	1/26/2024 22:27	1/27/2024 9:00	632.72	0
30176	1/26/2024 22:27	1/27/2024 9:00	632.92	0
27443	1/26/2024 22:27	1/27/2024 9:00	632.92	0
29848	1/26/2024 22:27	1/27/2024 9:00	632.92	0
66685	1/26/2024 22:27	1/27/2024 9:00	632.92	0

1393633	1/26/2024 22:27	1/27/2024 9:00	632.72	0
1093833	1/26/2024 22:27	1/27/2024 9:00	632.78	0
10393495	1/26/2024 22:27	1/27/2024 9:00	632.92	0
7879030	1/26/2024 22:27	1/27/2024 9:00	632.78	0
189581	1/26/2024 22:28	1/27/2024 9:00	631.92	0
1378128	1/26/2024 22:28	1/27/2024 9:00	631.72	0
643434	1/26/2024 22:28	1/27/2024 9:00	631.78	0
658658	1/26/2024 22:28	1/27/2024 9:00	631.83	0
197690	1/26/2024 22:29	1/27/2024 9:00	630.92	0
7415418	1/26/2024 22:29	1/27/2024 9:00	630.72	0
194491	1/26/2024 22:29	1/27/2024 9:00	630.92	0
413869	1/26/2024 22:40	1/26/2024 22:41	1	0
413869	1/26/2024 22:41	1/26/2024 23:00	19	0
280780	1/26/2024 22:47	1/27/2024 9:00	612.92	0
729928	1/26/2024 22:57	1/27/2024 9:00	602.83	0
413869	1/26/2024 23:00	1/26/2024 23:01	1	0
449377	1/26/2024 23:01	1/26/2024 23:17	16	0
413869	1/26/2024 23:01	1/26/2024 23:20	19	0
24124	1/26/2024 23:05	1/27/2024 9:00	594.92	0
1576533	1/26/2024 23:07	1/27/2024 9:00	592.32	0
280749	1/26/2024 23:11	1/27/2024 9:00	588.92	0
449377	1/26/2024 23:17	1/27/2024 0:26	69	0
413869	1/26/2024 23:20	1/26/2024 23:21	1	0
413869	1/26/2024 23:21	1/27/2024 0:40	79	0
449377	1/27/2024 0:26	1/27/2024 1:02	36	0
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413869	1/27/2024 0:41	1/27/2024 1:00	19	0
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449377	1/27/2024 1:02	1/27/2024 2:05	63	0
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449377	1/27/2024 2:05	1/27/2024 3:24	79	0
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413869	1/27/2024 2:40	1/27/2024 2:41	1	0
413869	1/27/2024 2:41	1/27/2024 3:00	19	0
413869	1/27/2024 3:00	1/27/2024 3:01	1	0
413869	1/27/2024 3:01	1/27/2024 3:20	19	0
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413869	1/27/2024 3:21	1/27/2024 3:40	19	0
449377	1/27/2024 3:24	1/27/2024 4:17	53	0
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449377	1/27/2024 7:52	1/27/2024 9:00	67.78	0
1349032	1/27/2024 9:00	1/28/2024 9:00	1439.72	0
319279	1/27/2024 9:00	1/28/2024 9:00	1439.92	0
675499	1/27/2024 9:00	1/28/2024 9:00	1439.83	0
1552447	1/27/2024 9:00	1/28/2024 9:00	1439.32	0
509233	1/27/2024 9:00	1/28/2024 9:00	1439.78	0
562202	1/27/2024 9:00	1/28/2024 9:00	1439.78	0
1702895	1/27/2024 9:00	1/28/2024 9:00	1439.72	0
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6761269	1/27/2024 9:00	1/28/2024 9:00	1439.92	0
8668965	1/27/2024 9:00	1/28/2024 9:00	1439.78	0
1352388	1/27/2024 9:00	1/27/2024 18:14	554	0
1453263	1/27/2024 9:00	1/28/2024 9:00	1439.32	0
1516786	1/27/2024 9:00	1/28/2024 9:00	1439.32	0
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447406	1/27/2024 9:00	1/28/2024 9:00	1439.78	0
1394324	1/27/2024 9:00	1/28/2024 9:00	1439.72	0
66685	1/27/2024 9:00	1/28/2024 9:00	1439.92	0
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1378128	1/27/2024 9:01	1/28/2024 9:00	1438.72	0
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1985687	1/27/2024 9:07	1/28/2024 9:00	1432.78	0
1333801	1/27/2024 9:07	1/28/2024 9:00	1432.72	0
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8668965	1/28/2024 9:00	1/29/2024 9:00	1439.78	0
319279	1/28/2024 9:00	1/29/2024 9:00	1439.92	0
1552447	1/28/2024 9:00	1/29/2024 9:00	1439.32	0
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1349032	1/28/2024 9:00	1/29/2024 9:00	1439.72	0
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6761269	1/28/2024 9:07	1/29/2024 9:00	1432.92	0
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455345	1/28/2024 9:48	1/28/2024 11:03	75	0
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275018	1/28/2024 9:51	1/28/2024 16:11	380	0
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9063373	1/28/2024 9:51	1/28/2024 19:23	572	0
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160073	1/28/2024 10:12	1/28/2024 18:28	496	0

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346135	1/28/2024 10:13	1/28/2024 14:30	257	0
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449377	1/28/2024 10:14	1/28/2024 10:56	42	0
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344958	1/28/2024 10:17	1/28/2024 14:29	252	0
314188	1/28/2024 10:17	1/28/2024 10:39	22	0
997397	1/28/2024 10:18	1/28/2024 19:07	529	0
315730	1/28/2024 10:18	1/28/2024 10:39	21	0
274125	1/28/2024 10:19	1/28/2024 19:03	524	0
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197629	1/28/2024 10:20	1/28/2024 11:39	79	0
995564	1/28/2024 10:20	1/28/2024 18:59	519	0
315169	1/28/2024 10:20	1/28/2024 10:39	19	0
7178975	1/28/2024 10:21	1/28/2024 10:40	19	0
197690	1/28/2024 10:22	1/28/2024 11:38	76	0
316630	1/28/2024 10:22	1/28/2024 19:18	536	0
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197561	1/28/2024 10:23	1/28/2024 11:37	74	0
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315380	1/28/2024 10:23	1/28/2024 19:08	525	0
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312846	1/28/2024 10:23	1/28/2024 19:08	525	0
197883	1/28/2024 10:23	1/28/2024 11:36	73	0
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313954	1/28/2024 10:25	1/28/2024 19:09	524	0
315752	1/28/2024 10:25	1/28/2024 19:05	520	0
317233	1/28/2024 10:26	1/28/2024 18:54	508	0
317195	1/28/2024 10:26	1/28/2024 15:25	299	0
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8524544	1/28/2024 10:26	1/28/2024 19:05	519	0
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954637	1/28/2024 10:26	1/28/2024 10:40	14	0
1356945	1/28/2024 10:26	1/28/2024 19:14	528	0
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1524033	1/28/2024 10:27	1/28/2024 19:02	515	0
315345	1/28/2024 10:28	1/28/2024 19:09	521	0
1412757	1/28/2024 10:36	1/28/2024 11:34	58	0
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314188	1/28/2024 10:39	1/28/2024 10:49	10	0
1702936	1/28/2024 10:39	1/28/2024 11:11	32	0
315169	1/28/2024 10:39	1/28/2024 10:46	7	0
49209	1/28/2024 10:39	1/28/2024 14:35	236	0
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315730	1/28/2024 10:39	1/28/2024 10:49	10	0
47769	1/28/2024 10:39	1/28/2024 14:33	234	0
7178975	1/28/2024 10:40	1/28/2024 10:48	8	0
1351069	1/28/2024 10:40	1/28/2024 11:59	79	0
1349177	1/28/2024 10:40	1/28/2024 11:12	32	0
8068454	1/28/2024 10:40	1/28/2024 10:50	10	0
954637	1/28/2024 10:40	1/28/2024 19:07	507	0
656343	1/28/2024 10:40	1/28/2024 11:39	59	0
1664433	1/28/2024 10:41	1/28/2024 11:34	53	0
954332	1/28/2024 10:41	1/28/2024 19:03	502	0
1348044	1/28/2024 10:41	1/28/2024 11:13	32	0
313011	1/28/2024 10:42	1/28/2024 19:12	510	0
1347943	1/28/2024 10:42	1/28/2024 11:13	31	0
1349766	1/28/2024 10:42	1/28/2024 11:55	73	0
349467	1/28/2024 10:43	1/28/2024 19:18	515	0
1347949	1/28/2024 10:43	1/28/2024 11:09	26	0
1348976	1/28/2024 10:43	1/28/2024 11:57	74	0
1348130	1/28/2024 10:44	1/28/2024 11:10	26	0
1514004	1/28/2024 10:44	1/28/2024 19:11	507	0
1347024	1/28/2024 10:44	1/28/2024 11:10	26	0
315169	1/28/2024 10:46	1/28/2024 14:17	211	0
1415828	1/28/2024 10:48	1/28/2024 18:57	489	0
7902724	1/28/2024 10:48	1/28/2024 11:20	32	0
1416360	1/28/2024 10:48	1/28/2024 19:17	509	0
7178975	1/28/2024 10:48	1/28/2024 14:18	210	0
315730	1/28/2024 10:49	1/28/2024 14:19	210	0
314188	1/28/2024 10:49	1/28/2024 14:19	210	0
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553755	1/28/2024 10:53	1/28/2024 19:23	510	0
1466445	1/28/2024 10:54	1/28/2024 19:24	510	0
1351588	1/28/2024 10:54	1/28/2024 11:41	47	0
1465282	1/28/2024 10:55	1/28/2024 19:22	507	0
1466357	1/28/2024 10:55	1/28/2024 19:14	499	0
658177	1/28/2024 10:55	1/28/2024 11:42	47	0
21820	1/28/2024 10:56	1/28/2024 19:03	487	0
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314945	1/28/2024 10:57	1/28/2024 19:11	494	0
346185	1/28/2024 11:02	1/28/2024 14:30	208	0
455345	1/28/2024 11:03	1/28/2024 16:08	305	0
1437071	1/28/2024 11:03	1/28/2024 13:04	121	0

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457729	1/28/2024 11:04	1/28/2024 16:04	300	0
454861	1/28/2024 11:06	1/28/2024 16:06	300	0
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325050	1/28/2024 11:08	1/28/2024 11:55	47	0
21306	1/28/2024 11:08	1/28/2024 18:57	469	0
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324045	1/28/2024 11:09	1/28/2024 11:51	42	0
1347937	1/28/2024 11:10	1/28/2024 14:45	215	0
1348130	1/28/2024 11:10	1/28/2024 14:40	210	0
1347024	1/28/2024 11:10	1/28/2024 14:40	210	0
1702936	1/28/2024 11:11	1/28/2024 14:41	210	0
1349177	1/28/2024 11:12	1/28/2024 14:42	210	0
1347943	1/28/2024 11:13	1/28/2024 14:43	210	0
1348044	1/28/2024 11:13	1/28/2024 14:43	210	0
8495802	1/28/2024 11:14	1/28/2024 11:45	31	0
7902724	1/28/2024 11:20	1/28/2024 14:18	178	0
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1444636	1/28/2024 11:27	1/28/2024 11:38	11	0
1445317	1/28/2024 11:28	1/28/2024 14:43	195	0
1444947	1/28/2024 11:29	1/28/2024 11:39	10	0
469018	1/28/2024 11:32	1/28/2024 12:46	74	0
1664433	1/28/2024 11:34	1/28/2024 11:49	15	0
196408	1/28/2024 11:34	1/28/2024 12:53	79	0
1412757	1/28/2024 11:34	1/28/2024 11:50	16	0
197883	1/28/2024 11:36	1/28/2024 12:50	74	0
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197561	1/28/2024 11:37	1/28/2024 12:50	73	0
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1444636	1/28/2024 11:38	1/28/2024 14:41	183	0
197690	1/28/2024 11:38	1/28/2024 12:51	73	0
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656343	1/28/2024 11:39	1/28/2024 11:55	16	0
1446401	1/28/2024 11:39	1/28/2024 13:28	109	0
197629	1/28/2024 11:39	1/28/2024 12:53	74	0
1444947	1/28/2024 11:39	1/28/2024 14:43	184	0
658658	1/28/2024 11:40	1/28/2024 11:55	15	0
1351588	1/28/2024 11:41	1/28/2024 11:57	16	0
1346671	1/28/2024 11:41	1/28/2024 11:57	16	0
658177	1/28/2024 11:42	1/28/2024 11:57	15	0
8495802	1/28/2024 11:45	1/28/2024 12:01	16	0
416557	1/28/2024 11:47	1/28/2024 14:46	179	0

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1349766	1/28/2024 11:55	1/28/2024 14:43	168	0
325050	1/28/2024 11:55	1/28/2024 12:53	58	0
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1348976	1/28/2024 11:57	1/28/2024 14:45	168	0
658177	1/28/2024 11:57	1/28/2024 12:08	11	0
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1351069	1/28/2024 11:59	1/28/2024 14:41	162	0
8495802	1/28/2024 12:01	1/28/2024 12:33	32	0
1412757	1/28/2024 12:05	1/28/2024 14:32	147	0
574596	1/28/2024 12:06	1/28/2024 14:06	120	0
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449377	1/28/2024 12:20	1/28/2024 13:23	63	0
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324249	1/28/2024 13:40	1/28/2024 14:22	42	0
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574993	1/28/2024 13:54	1/28/2024 13:59	5	0
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47769	1/28/2024 14:33	1/28/2024 15:05	32	0
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1434316	1/28/2024 14:33	1/28/2024 19:16	283	0
51957	1/28/2024 14:33	1/28/2024 14:49	16	0
314188	1/28/2024 14:34	1/28/2024 14:50	16	0
7902724	1/28/2024 14:34	1/28/2024 14:50	16	0
7178975	1/28/2024 14:34	1/28/2024 14:49	15	0
70866	1/28/2024 14:34	1/29/2024 9:00	1105.92	0
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1351069	1/28/2024 14:41	1/28/2024 19:14	273	0
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1349177	1/28/2024 14:42	1/28/2024 19:07	265	0
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1347937	1/28/2024 14:45	1/28/2024 19:12	267	0
590897	1/28/2024 14:46	1/28/2024 19:14	268	0
416557	1/28/2024 14:46	1/28/2024 19:08	262	0
315169	1/28/2024 14:48	1/28/2024 19:00	252	0
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314188	1/28/2024 14:50	1/28/2024 19:07	257	0
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859747	1/28/2024 14:53	1/28/2024 15:09	16	0
324290	1/28/2024 14:54	1/28/2024 18:55	241	0

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323747	1/28/2024 14:54	1/28/2024 19:19	265	0
325050	1/28/2024 14:54	1/28/2024 19:12	258	0
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346135	1/28/2024 15:18	1/28/2024 19:08	230	0
1664433	1/28/2024 15:19	1/28/2024 15:35	16	0
574993	1/28/2024 15:23	1/28/2024 15:28	5	0
1509487	1/28/2024 15:24	1/28/2024 20:25	301	0
449377	1/28/2024 15:24	1/28/2024 15:40	16	0
317195	1/28/2024 15:25	1/28/2024 15:56	31	0
1509486	1/28/2024 15:28	1/28/2024 19:14	226	0
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317195	1/28/2024 15:56	1/28/2024 19:00	184	0
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7902724	1/28/2024 16:03	1/28/2024 16:20	17	0
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275018	1/28/2024 16:22	1/29/2024 2:14	592	0
353728	1/28/2024 16:23	1/28/2024 19:27	184	0
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449377	1/28/2024 16:43	1/28/2024 18:02	79	0
456099	1/28/2024 16:48	1/28/2024 18:58	130	0

454861	1/28/2024 16:48	1/28/2024 19:04	136	0
455345	1/28/2024 16:50	1/28/2024 19:24	154	0
7902724	1/28/2024 16:51	1/28/2024 19:12	141	0
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455629	1/28/2024 16:52	1/28/2024 19:19	147	0
457729	1/28/2024 16:52	1/28/2024 20:19	207	0
1512146	1/28/2024 17:27	1/28/2024 19:31	124	0
449377	1/28/2024 18:02	1/28/2024 19:10	68	0
160073	1/28/2024 18:28	1/29/2024 9:00	871.73	0
1376158	1/28/2024 18:28	1/28/2024 19:27	59	0
1019446	1/28/2024 18:36	1/29/2024 9:00	863.73	0
23026	1/28/2024 18:50	1/29/2024 9:00	849.92	0
816722	1/28/2024 18:51	1/29/2024 9:00	848.83	0
315604	1/28/2024 18:54	1/29/2024 9:00	845.92	0
1654064	1/28/2024 18:54	1/29/2024 9:00	845.73	0
317233	1/28/2024 18:54	1/29/2024 9:00	845.92	0
324290	1/28/2024 18:55	1/29/2024 9:00	844.92	0
21540	1/28/2024 18:56	1/29/2024 9:00	843.92	0
1415828	1/28/2024 18:57	1/29/2024 9:00	842.72	0
21306	1/28/2024 18:57	1/29/2024 9:00	842.92	0
456099	1/28/2024 18:58	1/29/2024 9:00	841.78	0
1333801	1/28/2024 18:59	1/29/2024 9:00	840.72	0
675499	1/28/2024 18:59	1/29/2024 9:00	840.83	0
817260	1/28/2024 18:59	1/29/2024 9:00	840.83	0
995564	1/28/2024 18:59	1/29/2024 9:00	840.73	0
317195	1/28/2024 19:00	1/29/2024 8:23	803	0
315169	1/28/2024 19:00	1/29/2024 9:00	839.92	0
196408	1/28/2024 19:00	1/29/2024 9:00	839.92	0
7178975	1/28/2024 19:01	1/29/2024 9:00	838.92	0
274059	1/28/2024 19:01	1/29/2024 9:00	838.92	0
1321605	1/28/2024 19:01	1/29/2024 9:00	838.72	0
1524033	1/28/2024 19:02	1/29/2024 9:00	837.32	0
274125	1/28/2024 19:03	1/29/2024 9:00	836.92	0
21820	1/28/2024 19:03	1/29/2024 9:00	836.92	0
954332	1/28/2024 19:03	1/29/2024 9:00	836.73	0
1320008	1/28/2024 19:04	1/29/2024 8:07	783	0
454861	1/28/2024 19:04	1/29/2024 9:00	835.78	0
955448	1/28/2024 19:04	1/29/2024 9:00	835.73	0
571799	1/28/2024 19:05	1/29/2024 9:00	834.78	0
8524544	1/28/2024 19:05	1/29/2024 9:00	834.92	0
309265	1/28/2024 19:05	1/29/2024 9:00	834.92	0
315752	1/28/2024 19:05	1/29/2024 9:00	834.92	0
2032900	1/28/2024 19:06	1/29/2024 9:00	833.72	0
8972545	1/28/2024 19:06	1/29/2024 9:00	833.78	0
21537	1/28/2024 19:06	1/29/2024 9:00	833.92	0
10393495	1/28/2024 19:06	1/29/2024 9:00	833.92	0
1347014	1/28/2024 19:06	1/29/2024 9:00	833.72	0

810130	1/28/2024 19:06	1/29/2024 9:00	833.83	0
70277	1/28/2024 19:06	1/29/2024 9:00	833.92	0
1463680	1/28/2024 19:06	1/29/2024 9:00	833.32	0
315346	1/28/2024 19:06	1/29/2024 9:00	833.92	0
1301644	1/28/2024 19:06	1/29/2024 9:00	833.72	0
51483	1/28/2024 19:06	1/29/2024 9:00	833.92	0
956968	1/28/2024 19:06	1/29/2024 9:00	833.73	0
314564	1/28/2024 19:07	1/29/2024 9:00	832.92	0
553863	1/28/2024 19:07	1/29/2024 9:00	832.78	0
314188	1/28/2024 19:07	1/29/2024 9:00	832.92	0
308032	1/28/2024 19:07	1/29/2024 9:00	832.92	0
353651	1/28/2024 19:07	1/29/2024 9:00	832.92	0
997397	1/28/2024 19:07	1/29/2024 9:00	832.73	0
1349177	1/28/2024 19:07	1/29/2024 9:00	832.72	0
954637	1/28/2024 19:07	1/29/2024 9:00	832.73	0
346135	1/28/2024 19:08	1/29/2024 9:00	831.92	0
312846	1/28/2024 19:08	1/29/2024 9:00	831.92	0
315380	1/28/2024 19:08	1/29/2024 9:00	831.92	0
347230	1/28/2024 19:08	1/29/2024 7:59	771	0
313269	1/28/2024 19:08	1/29/2024 9:00	831.92	0
10303796	1/28/2024 19:08	1/29/2024 9:00	831.92	0
416557	1/28/2024 19:08	1/29/2024 9:00	831.78	0
658177	1/28/2024 19:08	1/29/2024 9:00	831.83	0
1349766	1/28/2024 19:08	1/29/2024 9:00	831.72	0
315345	1/28/2024 19:09	1/29/2024 9:00	830.92	0
1332906	1/28/2024 19:09	1/29/2024 9:00	830.72	0
47769	1/28/2024 19:09	1/29/2024 9:00	830.92	0
656343	1/28/2024 19:09	1/29/2024 9:00	830.83	0
197883	1/28/2024 19:09	1/29/2024 9:00	830.92	0
309944	1/28/2024 19:09	1/29/2024 9:00	830.92	0
313954	1/28/2024 19:09	1/29/2024 9:00	830.92	0
1077082	1/28/2024 19:10	1/29/2024 9:00	829.78	0
328570	1/28/2024 19:10	1/29/2024 9:00	829.92	0
547577	1/28/2024 19:10	1/29/2024 9:00	829.92	0
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860281	1/28/2024 19:10	1/29/2024 9:00	829.83	0
957216	1/28/2024 19:10	1/29/2024 9:00	829.73	0
808384	1/28/2024 19:10	1/29/2024 9:00	829.83	0
267537	1/28/2024 19:10	1/29/2024 9:00	829.92	0
1466638	1/28/2024 19:11	1/29/2024 8:24	793	0
658658	1/28/2024 19:11	1/29/2024 9:00	828.83	0
8486022	1/28/2024 19:11	1/29/2024 9:00	828.32	0
1514004	1/28/2024 19:11	1/29/2024 9:00	828.32	0
346185	1/28/2024 19:11	1/29/2024 9:00	828.92	0
1446401	1/28/2024 19:11	1/29/2024 9:00	828.32	0
1363656	1/28/2024 19:11	1/29/2024 9:00	828.72	0
314163	1/28/2024 19:11	1/29/2024 9:00	828.92	0

1412757	1/28/2024 19:11	1/29/2024 9:00	828.72	0
549259	1/28/2024 19:11	1/29/2024 9:00	828.78	0
1363588	1/28/2024 19:11	1/29/2024 9:00	828.72	0
314945	1/28/2024 19:11	1/29/2024 8:24	793	0
325050	1/28/2024 19:12	1/29/2024 9:00	827.92	0
344958	1/28/2024 19:12	1/29/2024 9:00	827.92	0
11120838	1/28/2024 19:12	1/29/2024 9:00	827.92	0
1251782	1/28/2024 19:12	1/29/2024 9:00	827.83	0
1348044	1/28/2024 19:12	1/29/2024 9:00	827.72	0
1523524	1/28/2024 19:12	1/29/2024 9:00	827.32	0
1361623	1/28/2024 19:12	1/29/2024 9:00	827.72	0
313011	1/28/2024 19:12	1/29/2024 9:00	827.92	0
350517	1/28/2024 19:12	1/29/2024 9:00	827.92	0
498070	1/28/2024 19:12	1/29/2024 9:00	827.78	0
1680798	1/28/2024 19:12	1/29/2024 7:59	767	0
346347	1/28/2024 19:12	1/29/2024 9:00	827.92	0
449036	1/28/2024 19:12	1/29/2024 9:00	827.78	0
1347943	1/28/2024 19:12	1/29/2024 9:00	827.72	0
1347937	1/28/2024 19:12	1/29/2024 9:00	827.72	0
7902724	1/28/2024 19:12	1/29/2024 8:36	804	0
817825	1/28/2024 19:12	1/29/2024 9:00	827.83	0
10371797	1/28/2024 19:13	1/29/2024 9:00	826.92	0
1445317	1/28/2024 19:13	1/29/2024 8:13	780	0
1355611	1/28/2024 19:13	1/29/2024 9:00	826.72	0
315730	1/28/2024 19:13	1/29/2024 9:00	826.92	0
574596	1/28/2024 19:13	1/29/2024 9:00	826.78	0
315616	1/28/2024 19:13	1/29/2024 9:00	826.92	0
323657	1/28/2024 19:13	1/29/2024 9:00	826.92	0
1703004	1/28/2024 19:13	1/29/2024 9:00	826.72	0
1347949	1/28/2024 19:13	1/29/2024 9:00	826.72	0
500173	1/28/2024 19:13	1/29/2024 9:00	826.78	0
1434359	1/28/2024 19:13	1/29/2024 9:00	826.32	0
1466357	1/28/2024 19:14	1/29/2024 9:00	825.32	0
1356945	1/28/2024 19:14	1/29/2024 8:24	790	0
1361770	1/28/2024 19:14	1/29/2024 9:00	825.72	0
643434	1/28/2024 19:14	1/29/2024 9:00	825.78	0
313731	1/28/2024 19:14	1/29/2024 9:00	825.92	0
8950281	1/28/2024 19:14	1/29/2024 9:00	825.92	0
1463520	1/28/2024 19:14	1/29/2024 9:00	825.32	0
590897	1/28/2024 19:14	1/29/2024 9:00	825.78	0
1363415	1/28/2024 19:14	1/29/2024 9:00	825.72	0
1469956	1/28/2024 19:14	1/29/2024 8:10	776	0
956125	1/28/2024 19:14	1/29/2024 9:00	825.73	0
1351069	1/28/2024 19:14	1/29/2024 9:00	825.72	0
1509486	1/28/2024 19:14	1/29/2024 9:00	825.32	0
454901	1/28/2024 19:15	1/29/2024 9:00	824.78	0
1346410	1/28/2024 19:16	1/29/2024 9:00	823.72	0

1362130	1/28/2024 19:16	1/29/2024 9:00	823.72	0
1469850	1/28/2024 19:16	1/29/2024 7:54	758	0
1515733	1/28/2024 19:16	1/29/2024 9:00	823.32	0
1434316	1/28/2024 19:16	1/29/2024 9:00	823.32	0
1444809	1/28/2024 19:16	1/29/2024 7:57	761	0
345957	1/28/2024 19:16	1/29/2024 9:00	823.92	0
1535026	1/28/2024 19:17	1/29/2024 9:00	822.32	0
353082	1/28/2024 19:17	1/29/2024 9:00	822.92	0
1416360	1/28/2024 19:17	1/29/2024 9:00	822.72	0
1437071	1/28/2024 19:17	1/29/2024 9:00	822.32	0
1516786	1/28/2024 19:18	1/29/2024 9:00	821.32	0
308802	1/28/2024 19:18	1/29/2024 9:00	821.92	0
1465391	1/28/2024 19:18	1/29/2024 8:12	774	0
1347024	1/28/2024 19:18	1/29/2024 9:00	821.72	0
349467	1/28/2024 19:18	1/29/2024 8:51	813	0
1346671	1/28/2024 19:18	1/29/2024 9:00	821.72	0
316630	1/28/2024 19:18	1/29/2024 9:00	821.92	0
323747	1/28/2024 19:19	1/29/2024 9:00	820.92	0
455629	1/28/2024 19:19	1/29/2024 9:00	820.78	0
324045	1/28/2024 19:19	1/29/2024 9:00	820.92	0
1641091	1/28/2024 19:19	1/29/2024 9:00	820.32	0
49209	1/28/2024 19:19	1/29/2024 9:00	820.92	0
8206792	1/28/2024 19:20	1/29/2024 9:00	819.32	0
1664433	1/28/2024 19:20	1/29/2024 9:00	819.83	0
1465882	1/28/2024 19:20	1/29/2024 9:00	819.32	0
1444636	1/28/2024 19:20	1/29/2024 9:00	819.32	0
381338	1/28/2024 19:20	1/29/2024 9:00	819.78	0
449377	1/28/2024 19:20	1/28/2024 19:31	11	0
8068454	1/28/2024 19:20	1/29/2024 9:00	819.78	0
469018	1/28/2024 19:20	1/29/2024 9:00	819.78	0
455994	1/28/2024 19:20	1/29/2024 9:00	819.78	0
324249	1/28/2024 19:20	1/29/2024 9:00	819.92	0
643812	1/28/2024 19:21	1/29/2024 9:00	818.78	0
1535575	1/28/2024 19:21	1/29/2024 9:00	818.32	0
1469270	1/28/2024 19:21	1/29/2024 7:53	752	0
1467272	1/28/2024 19:21	1/29/2024 9:00	818.32	0
1514256	1/28/2024 19:21	1/29/2024 9:00	818.32	0
859747	1/28/2024 19:21	1/29/2024 9:00	818.83	0
1347888	1/28/2024 19:21	1/29/2024 9:00	818.72	0
852125	1/28/2024 19:21	1/29/2024 9:00	818.83	0
1535035	1/28/2024 19:21	1/29/2024 9:00	818.32	0
1394324	1/28/2024 19:21	1/29/2024 9:00	818.72	0
1394365	1/28/2024 19:21	1/29/2024 9:00	818.72	0
1444947	1/28/2024 19:21	1/29/2024 9:00	818.32	0
317797	1/28/2024 19:22	1/29/2024 9:00	817.92	0
1465282	1/28/2024 19:22	1/29/2024 8:09	767	0
353371	1/28/2024 19:22	1/29/2024 9:00	817.92	0

1450250	1/28/2024 19:23	1/29/2024 9:00	816.32	0
644030	1/28/2024 19:23	1/29/2024 9:00	816.78	0
1431804	1/28/2024 19:23	1/29/2024 9:00	816.32	0
9063373	1/28/2024 19:23	1/29/2024 9:00	816.72	0
553755	1/28/2024 19:23	1/29/2024 9:00	816.78	0
1348130	1/28/2024 19:23	1/29/2024 9:00	816.72	0
1349083	1/28/2024 19:23	1/29/2024 9:00	816.72	0
457978	1/28/2024 19:23	1/29/2024 9:00	816.78	0
455345	1/28/2024 19:24	1/29/2024 9:00	815.78	0
1466445	1/28/2024 19:24	1/29/2024 8:10	766	0
8605921	1/28/2024 19:24	1/29/2024 9:00	815.92	0
1702936	1/28/2024 19:24	1/29/2024 9:00	815.72	0
1190246	1/28/2024 19:25	1/29/2024 9:00	814.72	0
1465703	1/28/2024 19:25	1/29/2024 9:00	814.32	0
48217	1/28/2024 19:25	1/29/2024 9:00	814.92	0
1546138	1/28/2024 19:25	1/29/2024 9:00	814.32	0
1348976	1/28/2024 19:27	1/29/2024 9:00	812.72	0
1430294	1/28/2024 19:27	1/29/2024 9:00	812.32	0
353728	1/28/2024 19:27	1/29/2024 9:00	812.92	0
1376158	1/28/2024 19:27	1/29/2024 8:38	791	0
1535304	1/28/2024 19:28	1/29/2024 9:00	811.32	0
642003	1/28/2024 19:28	1/29/2024 9:00	811.78	0
449377	1/28/2024 19:31	1/28/2024 19:47	16	0
1512146	1/28/2024 19:31	1/29/2024 9:00	808.32	0
449377	1/28/2024 19:47	1/28/2024 21:32	105	0
457729	1/28/2024 20:19	1/29/2024 9:00	760.78	0
197629	1/28/2024 20:22	1/29/2024 9:00	757.92	0
1361528	1/28/2024 20:22	1/29/2024 9:00	757.72	0
51957	1/28/2024 20:22	1/29/2024 9:00	757.92	0
8495802	1/28/2024 20:23	1/29/2024 9:00	756.32	0
1362855	1/28/2024 20:24	1/29/2024 9:00	755.72	0
197690	1/28/2024 20:25	1/29/2024 9:00	754.92	0
1576533	1/28/2024 20:25	1/29/2024 9:00	754.32	0
1509487	1/28/2024 20:25	1/29/2024 9:00	754.32	0
1019	1/28/2024 20:26	1/29/2024 9:00	753.92	0
1351588	1/28/2024 20:27	1/29/2024 9:00	752.72	0
197561	1/28/2024 20:54	1/29/2024 9:00	725.92	0
449377	1/28/2024 21:32	1/28/2024 21:58	26	0
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449377	1/28/2024 23:04	1/28/2024 23:48	44	0
449377	1/28/2024 23:48	1/29/2024 0:25	37	0
449377	1/29/2024 0:25	1/29/2024 0:51	26	0
449377	1/29/2024 0:51	1/29/2024 2:22	91	0
275018	1/29/2024 2:14	1/29/2024 9:00	405.92	0
449377	1/29/2024 2:22	1/29/2024 2:37	15	0
449377	1/29/2024 2:37	1/29/2024 4:36	119	0
449377	1/29/2024 4:36	1/29/2024 6:05	89	0

449377	1/29/2024 6:05	1/29/2024 9:00	174.78	0
1469270	1/29/2024 7:53	1/29/2024 9:00	66.32	0
1469850	1/29/2024 7:54	1/29/2024 9:00	65.32	0
1444809	1/29/2024 7:57	1/29/2024 9:00	62.32	0
347230	1/29/2024 7:59	1/29/2024 9:00	60.92	0
1680798	1/29/2024 7:59	1/29/2024 9:00	60.92	0
1320008	1/29/2024 8:07	1/29/2024 9:00	52.72	0
1320845	1/29/2024 8:07	1/29/2024 9:00	52.72	0
1465282	1/29/2024 8:09	1/29/2024 9:00	50.32	0
1466445	1/29/2024 8:10	1/29/2024 9:00	49.32	0
1469956	1/29/2024 8:10	1/29/2024 9:00	49.32	0
1465391	1/29/2024 8:12	1/29/2024 9:00	47.32	0
1445317	1/29/2024 8:13	1/29/2024 9:00	46.32	0
317195	1/29/2024 8:23	1/29/2024 9:00	36.92	0
1356945	1/29/2024 8:24	1/29/2024 9:00	35.72	0
314945	1/29/2024 8:24	1/29/2024 9:00	35.92	0
1466638	1/29/2024 8:24	1/29/2024 9:00	35.32	0
7902724	1/29/2024 8:36	1/29/2024 9:00	23.92	0
1376158	1/29/2024 8:38	1/29/2024 9:00	21.72	0
349467	1/29/2024 8:51	1/29/2024 9:00	8.92	0
319279	1/29/2024 9:00	1/30/2024 9:00	1439.92	0
574993	1/29/2024 9:00	1/29/2024 14:40	340	0
509233	1/29/2024 9:00	1/29/2024 10:37	97	0
1985687	1/29/2024 9:00	1/30/2024 9:00	1439.78	0
675499	1/29/2024 9:00	1/29/2024 14:46	346	0
10222019	1/29/2024 9:00	1/30/2024 9:00	1439.72	0
447406	1/29/2024 9:00	1/30/2024 9:00	1439.78	0
315346	1/29/2024 9:00	1/29/2024 19:15	615	0
1463520	1/29/2024 9:00	1/29/2024 10:12	72	0
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1702895	1/29/2024 9:00	1/30/2024 9:00	1439.72	0
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627018	1/29/2024 10:49	1/29/2024 11:05	16	0
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457729	1/29/2024 10:51	1/29/2024 11:33	42	0
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325050	1/29/2024 10:52	1/29/2024 11:39	47	0
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1378273	1/29/2024 10:57	1/29/2024 14:29	212	0
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627018	1/29/2024 11:05	1/29/2024 11:20	15	0
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8668965	1/29/2024 11:23	1/29/2024 19:21	478	0
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455994	1/29/2024 11:33	1/29/2024 12:05	32	0
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854579	1/29/2024 11:34	1/29/2024 12:21	47	0

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325050	1/29/2024 11:39	1/29/2024 11:50	11	0
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275018	1/29/2024 11:48	1/29/2024 14:20	152	0
449036	1/29/2024 11:49	1/29/2024 14:32	163	0
274125	1/29/2024 11:49	1/29/2024 14:26	157	0
325050	1/29/2024 11:50	1/29/2024 12:37	47	0
10393495	1/29/2024 11:50	1/29/2024 14:22	152	0.03
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1515964	1/29/2024 12:03	1/29/2024 12:19	16	0
457978	1/29/2024 12:05	1/29/2024 12:36	31	0
457729	1/29/2024 12:05	1/29/2024 12:37	32	0
455994	1/29/2024 12:05	1/29/2024 12:37	32	0
454861	1/29/2024 12:06	1/29/2024 12:32	26	0

454901	1/29/2024 12:06	1/29/2024 12:33	27	0
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197561	1/29/2024 14:37	1/29/2024 19:22	285	0
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196408	1/29/2024 14:37	1/29/2024 19:21	284	0
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1093833	1/29/2024 14:44	1/29/2024 19:22	278	0
627289	1/29/2024 14:44	1/29/2024 19:28	284	0
971524	1/29/2024 14:45	1/29/2024 19:23	278	0
627018	1/29/2024 14:45	1/29/2024 19:13	268	0
624953	1/29/2024 14:45	1/29/2024 19:23	278	0
160073	1/29/2024 14:45	1/29/2024 18:41	236	0
574993	1/29/2024 14:45	1/29/2024 14:51	6	0
1376158	1/29/2024 14:45	1/29/2024 19:11	266	0
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308802	1/29/2024 14:48	1/29/2024 19:32	284	0
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9313875	1/29/2024 14:49	1/29/2024 19:02	253	0
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449377	1/29/2024 14:50	1/29/2024 15:32	42	0
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308622	1/29/2024 14:50	1/29/2024 19:25	275	0
997397	1/29/2024 14:50	1/29/2024 19:12	262	0
1638359	1/29/2024 14:51	1/29/2024 19:09	258	0
309944	1/29/2024 14:51	1/29/2024 19:24	273	0.29
574993	1/29/2024 14:51	1/29/2024 14:56	5	0
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6168330	1/29/2024 14:52	1/29/2024 19:19	267	0
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1430294	1/29/2024 14:52	1/29/2024 19:15	263	0
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7932279	1/29/2024 14:53	1/29/2024 19:10	257	0
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645339	1/29/2024 14:55	1/29/2024 19:28	273	0
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8206792	1/29/2024 14:56	1/29/2024 15:22	26	0
956968	1/29/2024 14:57	1/29/2024 19:09	252	0
197690	1/29/2024 14:58	1/29/2024 15:08	10	0
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1393633	1/29/2024 14:58	1/29/2024 19:10	252	0
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954332	1/29/2024 15:00	1/29/2024 19:12	252	0
945898	1/29/2024 15:01	1/29/2024 22:58	477	0

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1019446	1/29/2024 15:43	1/29/2024 18:57	194	0
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8957908	1/29/2024 15:44	1/29/2024 19:14	210	0
1349177	1/29/2024 15:44	1/29/2024 19:14	210	0
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8524544	1/29/2024 15:54	1/29/2024 19:14	200	0
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456099	1/29/2024 16:19	1/29/2024 16:51	32	0
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449377	1/29/2024 16:25	1/29/2024 16:56	31	0
7902724	1/29/2024 16:32	1/29/2024 19:25	173	0
574993	1/29/2024 16:36	1/29/2024 16:41	5	0
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457729	1/29/2024 16:48	1/29/2024 19:31	163	0
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454901	1/29/2024 16:50	1/29/2024 19:26	156	0
455629	1/29/2024 16:50	1/29/2024 19:28	158	0
455345	1/29/2024 16:50	1/29/2024 19:34	164	0
455994	1/29/2024 16:51	1/29/2024 19:30	159	0
574993	1/29/2024 16:51	1/29/2024 16:57	6	0
456099	1/29/2024 16:51	1/29/2024 19:23	152	0
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449377	1/29/2024 16:56	1/29/2024 17:59	63	0
1350598	1/29/2024 16:56	1/29/2024 19:28	152	0
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1349502	1/29/2024 16:58	1/29/2024 19:25	147	0

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449377	1/29/2024 17:59	1/29/2024 18:52	53	0
51957	1/29/2024 18:35	1/29/2024 19:23	48	0
160073	1/29/2024 18:41	1/30/2024 9:00	858.73	0
1654064	1/29/2024 18:42	1/30/2024 9:00	857.73	0
449377	1/29/2024 18:52	1/29/2024 19:29	37	0
345957	1/29/2024 18:54	1/30/2024 9:00	845.92	0
1469850	1/29/2024 18:56	1/30/2024 7:53	777	0
1019446	1/29/2024 18:57	1/30/2024 9:00	842.73	0
1020565	1/29/2024 18:57	1/30/2024 9:00	842.73	0
1463680	1/29/2024 18:59	1/30/2024 8:12	793	0
347230	1/29/2024 18:59	1/30/2024 8:01	782	0
1064575	1/29/2024 19:00	1/30/2024 9:00	839.73	0
1393699	1/29/2024 19:01	1/30/2024 9:00	838.72	0
1469956	1/29/2024 19:01	1/30/2024 8:39	818	0
9313875	1/29/2024 19:02	1/30/2024 9:00	837.32	0
1549585	1/29/2024 19:02	1/30/2024 9:00	837.32	0
1463520	1/29/2024 19:02	1/30/2024 8:10	788	0
1378128	1/29/2024 19:02	1/30/2024 9:00	837.72	0
1378582	1/29/2024 19:03	1/30/2024 9:00	836.72	0
1466357	1/29/2024 19:03	1/30/2024 9:00	836.32	0
1445317	1/29/2024 19:03	1/30/2024 8:08	785	0
1557676	1/29/2024 19:03	1/30/2024 9:00	836.32	0
1466638	1/29/2024 19:04	1/30/2024 8:33	809	0
350517	1/29/2024 19:04	1/30/2024 9:00	835.92	0
1452193	1/29/2024 19:05	1/30/2024 9:00	834.32	0
1556352	1/29/2024 19:05	1/30/2024 9:00	834.32	0
1553245	1/29/2024 19:05	1/30/2024 9:00	834.32	0
1064514	1/29/2024 19:05	1/30/2024 9:00	834.73	0
1556246	1/29/2024 19:05	1/30/2024 9:00	834.32	0
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1469866	1/29/2024 19:06	1/30/2024 9:00	833.32	0
1463218	1/29/2024 19:07	1/30/2024 9:00	832.32	0
1459057	1/29/2024 19:07	1/30/2024 9:00	832.32	0
1465391	1/29/2024 19:07	1/30/2024 8:23	796	0
1321605	1/29/2024 19:08	1/30/2024 9:00	831.72	0
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1546138	1/29/2024 19:08	1/30/2024 9:00	831.32	0
1557303	1/29/2024 19:08	1/30/2024 9:00	831.32	0
1599209	1/29/2024 19:08	1/30/2024 9:00	831.32	0
1467272	1/29/2024 19:09	1/30/2024 8:11	782	0

6761269	1/29/2024 19:09	1/30/2024 9:00	830.92	0
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1638359	1/29/2024 19:09	1/30/2024 9:00	830.32	0
675499	1/29/2024 19:09	1/30/2024 9:00	830.83	0
956968	1/29/2024 19:09	1/30/2024 9:00	830.73	0
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8486022	1/29/2024 19:09	1/30/2024 9:00	830.32	0
1514004	1/29/2024 19:10	1/30/2024 9:00	829.32	0
1393633	1/29/2024 19:10	1/30/2024 9:00	829.72	0
7932279	1/29/2024 19:10	1/30/2024 9:00	829.32	0
8434548	1/29/2024 19:10	1/30/2024 9:00	829.92	0
1451744	1/29/2024 19:10	1/30/2024 9:00	829.32	0
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1321663	1/29/2024 19:10	1/30/2024 9:00	829.72	0
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325050	1/29/2024 19:11	1/30/2024 9:00	828.92	0
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1361623	1/29/2024 19:11	1/30/2024 9:00	828.72	0
346288	1/29/2024 19:11	1/30/2024 9:00	828.92	0
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954332	1/29/2024 19:12	1/30/2024 9:00	827.73	0
309265	1/29/2024 19:12	1/30/2024 9:00	827.92	0
342796	1/29/2024 19:12	1/30/2024 9:00	827.92	0
997397	1/29/2024 19:12	1/30/2024 9:00	827.73	0
1556565	1/29/2024 19:12	1/30/2024 9:00	827.32	0
416557	1/29/2024 19:12	1/30/2024 9:00	827.78	0
1557100	1/29/2024 19:12	1/30/2024 9:00	827.32	0
1356945	1/29/2024 19:12	1/30/2024 9:00	827.72	0
353651	1/29/2024 19:12	1/30/2024 9:00	827.92	0
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627018	1/29/2024 19:13	1/30/2024 9:00	826.78	0
8206792	1/29/2024 19:13	1/30/2024 9:00	826.32	0
1444636	1/29/2024 19:13	1/30/2024 9:00	826.32	0
1378273	1/29/2024 19:13	1/30/2024 9:00	826.72	0
1362130	1/29/2024 19:13	1/30/2024 9:00	826.72	0
174362	1/29/2024 19:14	1/30/2024 9:00	825.92	0
328113	1/29/2024 19:14	1/30/2024 9:00	825.92	0
324290	1/29/2024 19:14	1/30/2024 9:00	825.92	0
664453	1/29/2024 19:14	1/30/2024 9:00	825.83	0
954637	1/29/2024 19:14	1/30/2024 9:00	825.73	0
8957908	1/29/2024 19:14	1/30/2024 9:00	825.72	0
8524544	1/29/2024 19:14	1/30/2024 9:00	825.92	0

1444947	1/29/2024 19:14	1/30/2024 9:00	825.32	0
1363588	1/29/2024 19:14	1/30/2024 9:00	825.72	0
10510361	1/29/2024 19:14	1/30/2024 9:00	825.92	0
1349177	1/29/2024 19:14	1/30/2024 9:00	825.72	0
1347943	1/29/2024 19:14	1/30/2024 9:00	825.72	0
1430294	1/29/2024 19:15	1/30/2024 9:00	824.32	0
1465282	1/29/2024 19:15	1/30/2024 8:27	792	0
346185	1/29/2024 19:15	1/30/2024 9:00	824.92	0
318402	1/29/2024 19:15	1/30/2024 9:00	824.92	0
1432940	1/29/2024 19:15	1/30/2024 8:06	771	0
1347949	1/29/2024 19:15	1/30/2024 9:00	824.72	0
1431804	1/29/2024 19:15	1/30/2024 9:00	824.32	0
315346	1/29/2024 19:15	1/30/2024 9:00	824.92	0
1453263	1/29/2024 19:15	1/30/2024 9:00	824.32	0
8104722	1/29/2024 19:15	1/30/2024 9:00	824.92	0
1394324	1/29/2024 19:15	1/30/2024 9:00	824.72	0
1342974	1/29/2024 19:15	1/30/2024 9:00	824.72	0
315345	1/29/2024 19:16	1/30/2024 9:00	823.92	0
1565203	1/29/2024 19:16	1/30/2024 9:00	823.32	0
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1456419	1/29/2024 19:16	1/30/2024 9:00	823.32	0
324045	1/29/2024 19:16	1/30/2024 9:00	823.92	0
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790670	1/29/2024 19:17	1/30/2024 9:00	822.83	0
9063373	1/29/2024 19:17	1/30/2024 9:00	822.72	0
800600	1/29/2024 19:17	1/30/2024 9:00	822.83	0
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314899	1/29/2024 19:17	1/30/2024 9:00	822.92	0
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1362855	1/29/2024 19:18	1/30/2024 9:00	821.72	0
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1349766	1/29/2024 19:18	1/30/2024 9:00	821.72	0
353082	1/29/2024 19:18	1/30/2024 9:00	821.92	0
623871	1/29/2024 19:18	1/30/2024 9:00	821.78	0
656498	1/29/2024 19:18	1/30/2024 9:00	821.83	0
800588	1/29/2024 19:18	1/30/2024 9:00	821.83	0
1347937	1/29/2024 19:18	1/30/2024 9:00	821.72	0

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6168330	1/29/2024 19:19	1/30/2024 9:00	820.92	0
547577	1/29/2024 19:19	1/30/2024 9:00	820.92	0
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317195	1/29/2024 19:19	1/30/2024 8:37	798	0
47769	1/29/2024 19:19	1/30/2024 9:00	820.92	0
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1671958	1/29/2024 19:19	1/30/2024 9:00	820.78	0
1190246	1/29/2024 19:19	1/30/2024 9:00	820.72	0
593397	1/29/2024 19:19	1/30/2024 9:00	820.78	0
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1597556	1/29/2024 19:19	1/30/2024 9:00	820.32	0
317797	1/29/2024 19:20	1/30/2024 9:00	819.92	0
315169	1/29/2024 19:20	1/30/2024 9:00	819.92	0
8972545	1/29/2024 19:20	1/30/2024 9:00	819.78	0
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1556434	1/29/2024 19:20	1/30/2024 9:00	819.32	0
197690	1/29/2024 19:20	1/30/2024 9:00	819.92	0
350406	1/29/2024 19:20	1/30/2024 9:00	819.92	0
593798	1/29/2024 19:20	1/30/2024 9:00	819.78	0
854579	1/29/2024 19:20	1/30/2024 9:00	819.83	0
274059	1/29/2024 19:20	1/30/2024 9:00	819.92	0
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195839	1/29/2024 19:21	1/30/2024 9:00	818.92	0
323747	1/29/2024 19:21	1/30/2024 9:00	818.92	0
346347	1/29/2024 19:21	1/30/2024 9:00	818.92	0
315730	1/29/2024 19:21	1/30/2024 9:00	818.92	0
1343091	1/29/2024 19:21	1/30/2024 9:00	818.72	0
1450250	1/29/2024 19:21	1/30/2024 9:00	818.32	0
801004	1/29/2024 19:21	1/30/2024 9:00	818.83	0
8668965	1/29/2024 19:21	1/30/2024 9:00	818.78	0

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548347	1/29/2024 19:21	1/30/2024 9:00	818.78	0
196965	1/29/2024 19:21	1/30/2024 9:00	818.92	0
344958	1/29/2024 19:21	1/30/2024 9:00	818.92	0
196408	1/29/2024 19:21	1/30/2024 9:00	818.92	0
7178975	1/29/2024 19:21	1/30/2024 9:00	818.92	0
624628	1/29/2024 19:21	1/30/2024 9:00	818.78	0
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561758	1/29/2024 19:22	1/30/2024 9:00	817.78	0
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1361528	1/29/2024 19:22	1/30/2024 9:00	817.72	0
1680798	1/29/2024 19:22	1/30/2024 7:59	757	0
308032	1/29/2024 19:22	1/30/2024 9:00	817.92	0
561757	1/29/2024 19:22	1/30/2024 9:00	817.78	0
313269	1/29/2024 19:22	1/30/2024 9:00	817.92	0
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21820	1/29/2024 19:22	1/30/2024 9:00	817.92	0
197561	1/29/2024 19:22	1/30/2024 9:00	817.92	0
345647	1/29/2024 19:22	1/30/2024 9:00	817.92	0
1093833	1/29/2024 19:22	1/30/2024 9:00	817.78	0
456099	1/29/2024 19:23	1/30/2024 9:00	816.78	0
624953	1/29/2024 19:23	1/30/2024 9:00	816.78	0
593366	1/29/2024 19:23	1/30/2024 9:00	816.78	0
51957	1/29/2024 19:23	1/30/2024 9:00	816.92	0
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417158	1/29/2024 19:23	1/30/2024 9:00	816.78	0
610737	1/29/2024 19:23	1/30/2024 9:00	816.78	0
793690	1/29/2024 19:23	1/30/2024 9:00	816.83	0
199354	1/29/2024 19:23	1/30/2024 9:00	816.92	0
609850	1/29/2024 19:23	1/30/2024 9:00	816.78	0
623069	1/29/2024 19:23	1/30/2024 9:00	816.78	0
1407632	1/29/2024 19:23	1/30/2024 9:00	816.72	0
1407881	1/29/2024 19:23	1/30/2024 9:00	816.72	0
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971524	1/29/2024 19:23	1/30/2024 9:00	816.78	0
1073095	1/29/2024 19:23	1/30/2024 9:00	816.78	0
957615	1/29/2024 19:23	1/30/2024 9:00	816.73	0
1350104	1/29/2024 19:24	1/30/2024 9:00	815.72	0
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315306	1/29/2024 19:24	1/30/2024 9:00	815.92	0
309944	1/29/2024 19:24	1/30/2024 9:00	815.92	0
316997	1/29/2024 19:24	1/30/2024 9:00	815.92	0

498070	1/29/2024 19:24	1/30/2024 9:00	815.78	0
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1406535	1/29/2024 19:25	1/30/2024 9:00	814.72	0
454861	1/29/2024 19:25	1/30/2024 9:00	814.78	0
903630	1/29/2024 19:25	1/30/2024 9:00	814.83	0
1349502	1/29/2024 19:25	1/30/2024 9:00	814.72	0
314945	1/29/2024 19:25	1/30/2024 8:40	795	0
1405290	1/29/2024 19:25	1/30/2024 9:00	814.72	0
1515733	1/29/2024 19:25	1/30/2024 9:00	814.32	0
7902724	1/29/2024 19:25	1/30/2024 8:33	788	0
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501613	1/29/2024 19:25	1/30/2024 9:00	814.78	0
564518	1/29/2024 19:25	1/30/2024 9:00	814.78	0
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506261	1/29/2024 19:26	1/30/2024 9:00	813.78	0
1464949	1/29/2024 19:26	1/30/2024 9:00	813.32	0
353371	1/29/2024 19:26	1/30/2024 9:00	813.92	0
418876	1/29/2024 19:26	1/30/2024 9:00	813.78	0
1702936	1/29/2024 19:26	1/30/2024 9:00	813.72	0
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454901	1/29/2024 19:26	1/30/2024 9:00	813.78	0
660265	1/29/2024 19:26	1/30/2024 9:00	813.83	0
199337	1/29/2024 19:26	1/30/2024 9:00	813.92	0
590897	1/29/2024 19:27	1/30/2024 9:00	812.78	0
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563721	1/29/2024 19:27	1/30/2024 9:00	812.78	0
8910809	1/29/2024 19:27	1/30/2024 9:00	812.78	0
1347888	1/29/2024 19:27	1/30/2024 9:00	812.72	0
8605921	1/29/2024 19:27	1/30/2024 9:00	812.92	0
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511223	1/29/2024 19:27	1/30/2024 9:00	812.78	0
645339	1/29/2024 19:28	1/30/2024 9:00	811.78	0
169731	1/29/2024 19:28	1/30/2024 9:00	811.92	0
510522	1/29/2024 19:28	1/30/2024 9:00	811.78	0

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507365	1/29/2024 19:28	1/30/2024 9:00	811.78	0
1683861	1/29/2024 19:28	1/30/2024 9:00	811.92	0
1350598	1/29/2024 19:28	1/30/2024 9:00	811.72	0
643812	1/29/2024 19:28	1/30/2024 9:00	811.78	0
627289	1/29/2024 19:28	1/30/2024 9:00	811.78	0
567126	1/29/2024 19:28	1/30/2024 9:00	811.78	0
623612	1/29/2024 19:29	1/30/2024 9:00	810.78	0
511266	1/29/2024 19:29	1/30/2024 9:00	810.78	0
6714863	1/29/2024 19:29	1/30/2024 9:00	810.83	0
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449377	1/29/2024 19:29	1/29/2024 20:00	31	0
317084	1/29/2024 19:29	1/30/2024 9:00	810.92	0
1077082	1/29/2024 19:29	1/30/2024 9:00	810.78	0
197629	1/29/2024 19:29	1/30/2024 9:00	810.92	0
1310926	1/29/2024 19:29	1/30/2024 9:00	810.72	0
624716	1/29/2024 19:30	1/30/2024 9:00	809.78	0
381338	1/29/2024 19:30	1/30/2024 9:00	809.78	0
198082	1/29/2024 19:30	1/30/2024 9:00	809.92	0
8590289	1/29/2024 19:30	1/30/2024 9:00	809.78	0
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1535397	1/29/2024 19:30	1/30/2024 9:00	809.32	0
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125572	1/29/2024 19:31	1/30/2024 9:00	808.92	0
1348976	1/29/2024 19:31	1/30/2024 9:00	808.72	0
562856	1/29/2024 19:31	1/30/2024 9:00	808.78	0
509102	1/29/2024 19:31	1/30/2024 9:00	808.78	0
1703519	1/29/2024 19:31	1/30/2024 9:00	808.72	0
457729	1/29/2024 19:31	1/30/2024 9:00	808.78	0
2923717	1/29/2024 19:31	1/30/2024 9:00	808.78	0
457978	1/29/2024 19:31	1/30/2024 9:00	808.78	0
1503507	1/29/2024 19:32	1/30/2024 9:00	807.72	0
1349083	1/29/2024 19:32	1/30/2024 9:00	807.72	0
11081884	1/29/2024 19:32	1/30/2024 9:00	807.92	0
380057	1/29/2024 19:32	1/30/2024 9:00	807.78	0
1074779	1/29/2024 19:32	1/30/2024 9:00	807.78	0
605186	1/29/2024 19:32	1/30/2024 9:00	807.78	0
553755	1/29/2024 19:32	1/30/2024 9:00	807.78	0
6995795	1/29/2024 19:32	1/30/2024 9:00	807.78	0
308802	1/29/2024 19:32	1/30/2024 9:00	807.92	0
508593	1/29/2024 19:32	1/30/2024 9:00	807.78	0
509233	1/29/2024 19:33	1/30/2024 9:00	806.78	0

574596	1/29/2024 19:33	1/30/2024 9:00	806.78	0
8068454	1/29/2024 19:34	1/30/2024 9:00	805.78	0
562346	1/29/2024 19:34	1/30/2024 9:00	805.78	0
455345	1/29/2024 19:34	1/30/2024 9:00	805.78	0
378229	1/29/2024 19:34	1/30/2024 9:00	805.78	0
353728	1/29/2024 19:35	1/30/2024 9:00	804.92	0
399291	1/29/2024 19:35	1/30/2024 9:00	804.78	0
561672	1/29/2024 19:36	1/30/2024 9:00	803.78	0
498597	1/29/2024 19:36	1/30/2024 9:00	803.78	0
1081237	1/29/2024 19:36	1/29/2024 19:55	19	0
8495805	1/29/2024 19:36	1/30/2024 9:00	803.78	0
601397	1/29/2024 19:38	1/30/2024 9:00	801.78	0
549259	1/29/2024 19:39	1/30/2024 9:00	800.78	0
274125	1/29/2024 19:53	1/30/2024 9:00	786.92	0
1081237	1/29/2024 19:55	1/29/2024 19:56	1	0
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563241	1/29/2024 20:10	1/30/2024 9:00	769.78	0
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449377	1/29/2024 22:17	1/29/2024 23:09	52	0
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1081237	1/29/2024 22:56	1/29/2024 23:15	19	0
945898	1/29/2024 22:58	1/30/2024 9:00	601.83	0
449377	1/29/2024 23:09	1/29/2024 23:56	47	0
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1469270	1/30/2024 7:55	1/30/2024 9:00	64.32	0
1466445	1/30/2024 7:55	1/30/2024 9:00	64.32	0
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449377	1/30/2024 7:59	1/30/2024 8:20	21	0
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7902724	1/30/2024 8:33	1/30/2024 9:00	26.92	0

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314945	1/30/2024 8:40	1/30/2024 9:00	19.92	0
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6761269	1/30/2024 9:00	1/30/2024 10:13	73	0
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447406	1/30/2024 9:00	1/31/2024 9:00	1439.78	0
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1465391	1/30/2024 9:10	1/30/2024 19:16	606	0
1469956	1/30/2024 9:10	1/30/2024 19:12	602	0
1680798	1/30/2024 9:12	1/30/2024 19:19	607	0
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274125	1/30/2024 10:18	1/30/2024 14:23	245	0
456099	1/30/2024 10:18	1/30/2024 10:34	16	0
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7902724	1/30/2024 10:34	1/30/2024 10:50	16	0
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457978	1/30/2024 10:35	1/30/2024 10:51	16	0
574993	1/30/2024 10:37	1/30/2024 10:42	5	0
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1463680	1/30/2024 10:39	1/30/2024 10:55	16	0
1450250	1/30/2024 10:40	1/30/2024 19:06	506	0
29635	1/30/2024 10:40	1/30/2024 12:13	93	0
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574993	1/30/2024 10:42	1/30/2024 10:53	11	0
1463520	1/30/2024 10:42	1/30/2024 10:58	16	0
664453	1/30/2024 10:43	1/30/2024 19:17	514	0
1467272	1/30/2024 10:43	1/30/2024 10:54	11	0
26864	1/30/2024 10:44	1/31/2024 9:00	1335.92	0
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1565203	1/30/2024 10:46	1/30/2024 19:18	512	0
1704232	1/30/2024 10:47	1/30/2024 14:50	243	0
1671958	1/30/2024 10:48	1/30/2024 14:28	220	0
623871	1/30/2024 10:49	1/30/2024 12:05	76	0
455629	1/30/2024 10:49	1/30/2024 11:04	15	0
454861	1/30/2024 10:50	1/30/2024 11:06	16	0
456099	1/30/2024 10:50	1/30/2024 11:06	16	0
457729	1/30/2024 10:50	1/30/2024 11:05	15	0
7902724	1/30/2024 10:50	1/30/2024 11:06	16	0
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455345	1/30/2024 10:51	1/30/2024 11:07	16	0
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574993	1/30/2024 11:40	1/30/2024 11:51	11	0

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67738	1/30/2024 12:05	1/31/2024 9:00	1254.92	0
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24124	1/30/2024 12:58	1/31/2024 9:00	1201.92	0
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34832	1/30/2024 12:58	1/31/2024 9:00	1201.92	0
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30471	1/30/2024 12:59	1/31/2024 9:00	1200.92	0
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25066	1/30/2024 12:59	1/31/2024 9:00	1200.92	0
27483	1/30/2024 12:59	1/31/2024 9:00	1200.92	0
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308959	1/30/2024 13:32	1/31/2024 9:00	1167.92	0
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1349338	1/30/2024 15:28	1/30/2024 19:09	221	0
1350975	1/30/2024 15:29	1/30/2024 18:59	210	0
1350598	1/30/2024 15:29	1/30/2024 19:20	231	0
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1351588	1/30/2024 15:31	1/30/2024 19:22	231	0
7902724	1/30/2024 15:33	1/30/2024 16:05	32	0
1368745	1/30/2024 15:34	1/30/2024 19:04	210	0

328113	1/30/2024 15:34	1/30/2024 19:12	218	0
574993	1/30/2024 15:38	1/30/2024 15:43	5	0
1457350	1/30/2024 15:41	1/31/2024 9:00	1038.32	0
1347888	1/30/2024 15:42	1/30/2024 15:58	16	0
658642	1/30/2024 15:42	1/30/2024 20:49	307	0
1346410	1/30/2024 15:43	1/30/2024 15:58	15	0
1378582	1/30/2024 15:43	1/30/2024 19:16	213	0
574993	1/30/2024 15:43	1/30/2024 16:10	27	0
455994	1/30/2024 15:51	1/30/2024 17:36	105	0
859747	1/30/2024 15:52	1/30/2024 16:24	32	0
860281	1/30/2024 15:52	1/30/2024 16:23	31	0
1347888	1/30/2024 15:58	1/30/2024 19:17	199	0
1346410	1/30/2024 15:58	1/30/2024 19:07	189	0
252859	1/30/2024 16:00	1/30/2024 19:00	180	0
11176212	1/30/2024 16:03	1/31/2024 9:00	1016.78	0
7902724	1/30/2024 16:05	1/30/2024 19:24	199	0
1319739	1/30/2024 16:08	1/31/2024 9:00	1011.72	0
574993	1/30/2024 16:10	1/30/2024 16:15	5	0
2032900	1/30/2024 16:10	1/30/2024 19:03	173	0
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574993	1/30/2024 16:15	1/30/2024 16:20	5	0
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454901	1/30/2024 16:19	1/30/2024 19:12	173	0
454861	1/30/2024 16:19	1/30/2024 19:13	174	0
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455345	1/30/2024 16:20	1/30/2024 19:18	178	0
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456099	1/30/2024 16:21	1/30/2024 19:08	167	0
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1463520	1/30/2024 16:25	1/30/2024 17:12	47	0
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1463680	1/30/2024 16:31	1/30/2024 17:08	37	0
574993	1/30/2024 16:51	1/30/2024 16:57	6	0
449377	1/30/2024 16:53	1/30/2024 17:03	10	0
574993	1/30/2024 16:57	1/31/2024 9:00	962.78	0
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1463520	1/30/2024 17:12	1/30/2024 19:18	126	0
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449377	1/30/2024 17:24	1/30/2024 17:35	11	0
449377	1/30/2024 17:35	1/30/2024 18:22	47	0
455994	1/30/2024 17:36	1/30/2024 19:10	94	0
1654064	1/30/2024 17:46	1/30/2024 18:34	48	0

1985687	1/30/2024 17:51	1/31/2024 9:00	908.78	0
449377	1/30/2024 18:22	1/30/2024 19:04	42	0
1654064	1/30/2024 18:34	1/31/2024 9:00	865.73	0
51957	1/30/2024 18:36	1/30/2024 19:28	52	0
1493766	1/30/2024 18:41	1/30/2024 19:08	27	0
1321605	1/30/2024 18:42	1/31/2024 9:00	857.72	0
955448	1/30/2024 18:48	1/31/2024 9:00	851.73	0
160073	1/30/2024 18:49	1/31/2024 9:00	850.73	0
980398	1/30/2024 18:51	1/31/2024 9:00	848.73	0
980132	1/30/2024 18:51	1/31/2024 9:00	848.73	0
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1347014	1/30/2024 18:52	1/31/2024 9:00	847.72	0
315088	1/30/2024 18:53	1/31/2024 9:00	846.92	0
954332	1/30/2024 18:53	1/31/2024 9:00	846.73	0
196408	1/30/2024 18:54	1/31/2024 9:00	845.92	0
627018	1/30/2024 18:54	1/31/2024 9:00	845.78	0
989956	1/30/2024 18:55	1/31/2024 9:00	844.73	0
1348773	1/30/2024 18:56	1/31/2024 9:00	843.72	0
274522	1/30/2024 18:56	1/31/2024 9:00	843.92	0
10510361	1/30/2024 18:56	1/31/2024 9:00	843.92	0
385332	1/30/2024 18:56	1/31/2024 9:00	843.78	0
1349542	1/30/2024 18:56	1/31/2024 9:00	843.72	0
1349177	1/30/2024 18:56	1/31/2024 9:00	843.72	0
1348044	1/30/2024 18:56	1/31/2024 9:00	843.72	0
1704779	1/30/2024 18:57	1/31/2024 9:00	842.72	0
196965	1/30/2024 18:57	1/31/2024 9:00	842.92	0
1650561	1/30/2024 18:57	1/31/2024 9:00	842.73	0
945898	1/30/2024 18:58	1/31/2024 9:00	841.83	0
277818	1/30/2024 18:58	1/31/2024 9:00	841.92	0
500173	1/30/2024 18:58	1/31/2024 9:00	841.78	0
1347949	1/30/2024 18:58	1/31/2024 9:00	841.72	0
274059	1/30/2024 18:58	1/31/2024 9:00	841.92	0
995564	1/30/2024 18:58	1/31/2024 9:00	841.73	0
1347943	1/30/2024 18:58	1/31/2024 9:00	841.72	0
325050	1/30/2024 18:58	1/31/2024 9:00	841.92	0
324290	1/30/2024 18:59	1/31/2024 9:00	840.92	0
1703004	1/30/2024 18:59	1/31/2024 9:00	840.72	0
197690	1/30/2024 18:59	1/31/2024 9:00	840.92	0
195839	1/30/2024 18:59	1/31/2024 9:00	840.92	0
323657	1/30/2024 18:59	1/31/2024 9:00	840.92	0
1350975	1/30/2024 18:59	1/31/2024 9:00	840.72	0
8957908	1/30/2024 18:59	1/31/2024 9:00	840.72	0
1350499	1/30/2024 19:00	1/31/2024 9:00	839.72	0
1348300	1/30/2024 19:00	1/31/2024 9:00	839.72	0
252859	1/30/2024 19:00	1/31/2024 9:00	839.92	0
6761269	1/30/2024 19:01	1/31/2024 9:00	838.92	0
956968	1/30/2024 19:01	1/31/2024 9:00	838.73	0

593397	1/30/2024 19:01	1/31/2024 9:00	838.78	0
8206792	1/30/2024 19:01	1/31/2024 9:00	838.32	0
1556352	1/30/2024 19:01	1/31/2024 9:00	838.32	0
281332	1/30/2024 19:01	1/31/2024 9:00	838.92	0
320966	1/30/2024 19:02	1/31/2024 9:00	837.92	0
1353016	1/30/2024 19:02	1/31/2024 9:00	837.72	0
1350597	1/30/2024 19:02	1/31/2024 9:00	837.72	0
279833	1/30/2024 19:02	1/31/2024 9:00	837.92	0
267537	1/30/2024 19:02	1/31/2024 9:00	837.92	0
1417279	1/30/2024 19:02	1/31/2024 9:00	837.72	0
1309098	1/30/2024 19:03	1/31/2024 9:00	836.72	0
2032900	1/30/2024 19:03	1/31/2024 9:00	836.72	0
510307	1/30/2024 19:03	1/31/2024 9:00	836.78	0
197883	1/30/2024 19:03	1/31/2024 9:00	836.92	0
416557	1/30/2024 19:03	1/31/2024 9:00	836.78	0
346288	1/30/2024 19:03	1/31/2024 9:00	836.92	0
8668965	1/30/2024 19:03	1/31/2024 9:00	836.78	0
21306	1/30/2024 19:03	1/31/2024 9:00	836.92	0
317797	1/30/2024 19:03	1/31/2024 9:00	836.92	0
1421188	1/30/2024 19:03	1/31/2024 9:00	836.72	0
1347937	1/30/2024 19:03	1/31/2024 9:00	836.72	0
1463218	1/30/2024 19:03	1/31/2024 9:00	836.32	0
8910809	1/30/2024 19:03	1/31/2024 9:00	836.78	0
324249	1/30/2024 19:03	1/31/2024 9:00	836.92	0
323747	1/30/2024 19:04	1/31/2024 9:00	835.92	0
199354	1/30/2024 19:04	1/31/2024 9:00	835.92	0
342796	1/30/2024 19:04	1/31/2024 9:00	835.92	0
449377	1/30/2024 19:04	1/30/2024 20:12	68	0
317195	1/30/2024 19:04	1/31/2024 8:22	798	0
47769	1/30/2024 19:04	1/31/2024 9:00	835.92	0
1368745	1/30/2024 19:04	1/31/2024 9:00	835.72	0
1332906	1/30/2024 19:04	1/31/2024 9:00	835.72	0
275018	1/30/2024 19:05	1/31/2024 9:00	834.92	0
197561	1/30/2024 19:05	1/31/2024 9:00	834.92	0
315346	1/30/2024 19:05	1/31/2024 9:00	834.92	0
954637	1/30/2024 19:05	1/31/2024 9:00	834.73	0
1446401	1/30/2024 19:05	1/31/2024 9:00	834.32	0
1450250	1/30/2024 19:06	1/31/2024 9:00	833.32	0
1320008	1/30/2024 19:06	1/31/2024 9:00	833.72	0
1431804	1/30/2024 19:06	1/31/2024 9:00	833.32	0
1466638	1/30/2024 19:06	1/31/2024 8:45	819	0
1417138	1/30/2024 19:06	1/31/2024 9:00	833.72	0
593798	1/30/2024 19:06	1/31/2024 9:00	833.78	0
860281	1/30/2024 19:06	1/31/2024 9:00	833.83	0
353651	1/30/2024 19:06	1/31/2024 9:00	833.92	0
275495	1/30/2024 19:07	1/31/2024 9:00	832.92	0
1093833	1/30/2024 19:07	1/31/2024 9:00	832.78	0

658177	1/30/2024 19:07	1/31/2024 9:00	832.83	0
1346410	1/30/2024 19:07	1/31/2024 9:00	832.72	0
506261	1/30/2024 19:07	1/31/2024 9:00	832.78	0
1456419	1/30/2024 19:07	1/31/2024 9:00	832.32	0
9313875	1/30/2024 19:07	1/31/2024 9:00	832.32	0
1672454	1/30/2024 19:07	1/31/2024 9:00	832.78	0
8434548	1/30/2024 19:07	1/31/2024 9:00	832.92	0
675499	1/30/2024 19:07	1/31/2024 9:00	832.83	0
1493766	1/30/2024 19:08	1/31/2024 9:00	831.72	0
1349605	1/30/2024 19:08	1/31/2024 9:00	831.72	0
315345	1/30/2024 19:08	1/31/2024 9:00	831.92	0
29635	1/30/2024 19:08	1/31/2024 9:00	831.92	0
1685329	1/30/2024 19:08	1/31/2024 9:00	831.72	0
417158	1/30/2024 19:08	1/31/2024 9:00	831.78	0
1515733	1/30/2024 19:08	1/31/2024 9:00	831.32	0
456099	1/30/2024 19:08	1/31/2024 9:00	831.78	0
645144	1/30/2024 19:08	1/31/2024 9:00	831.78	0
1453263	1/30/2024 19:08	1/31/2024 9:00	831.32	0
1429127	1/30/2024 19:08	1/31/2024 9:00	831.32	0
740241	1/30/2024 19:08	1/31/2024 9:00	831.83	0
7178975	1/30/2024 19:08	1/31/2024 9:00	831.92	0
1469850	1/30/2024 19:08	1/31/2024 8:42	814	0
314899	1/30/2024 19:08	1/31/2024 9:00	831.92	0
981933	1/30/2024 19:08	1/31/2024 9:00	831.73	0
645339	1/30/2024 19:08	1/31/2024 9:00	831.78	0
1463680	1/30/2024 19:08	1/31/2024 9:00	831.32	0
1459057	1/30/2024 19:09	1/31/2024 9:00	830.32	0
510974	1/30/2024 19:09	1/31/2024 9:00	830.78	0
1349338	1/30/2024 19:09	1/31/2024 9:00	830.72	0
498070	1/30/2024 19:09	1/31/2024 9:00	830.78	0
12378019	1/30/2024 19:09	1/31/2024 9:00	830.92	0
1599209	1/30/2024 19:09	1/31/2024 9:00	830.32	0
314188	1/30/2024 19:09	1/31/2024 9:00	830.92	0
1190246	1/30/2024 19:09	1/31/2024 9:00	830.72	0
21820	1/30/2024 19:09	1/31/2024 9:00	830.92	0
1395587	1/30/2024 19:09	1/31/2024 9:00	830.72	0
1349766	1/30/2024 19:09	1/31/2024 9:00	830.72	0
8387677	1/30/2024 19:09	1/31/2024 9:00	830.92	0
276488	1/30/2024 19:09	1/31/2024 9:00	830.92	0
8524544	1/30/2024 19:09	1/31/2024 9:00	830.92	0
1557188	1/30/2024 19:09	1/31/2024 9:00	830.32	0
49209	1/30/2024 19:10	1/31/2024 9:00	829.92	0
318402	1/30/2024 19:10	1/31/2024 9:00	829.92	0
1445317	1/30/2024 19:10	1/31/2024 8:11	781	0
199337	1/30/2024 19:10	1/31/2024 9:00	829.92	0
1524033	1/30/2024 19:10	1/31/2024 9:00	829.32	0
1405290	1/30/2024 19:10	1/31/2024 9:00	829.72	0

455994	1/30/2024 19:10	1/31/2024 9:00	829.78	0
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11081884	1/30/2024 19:11	1/31/2024 9:00	828.92	0
8104722	1/30/2024 19:11	1/31/2024 9:00	828.92	0
800600	1/30/2024 19:11	1/31/2024 9:00	828.83	0
547577	1/30/2024 19:11	1/31/2024 9:00	828.92	0
1556565	1/30/2024 19:11	1/31/2024 9:00	828.32	0
997397	1/30/2024 19:11	1/31/2024 9:00	828.73	0
1406535	1/30/2024 19:11	1/31/2024 9:00	828.72	0
4173986	1/30/2024 19:11	1/31/2024 9:00	828.92	0
8972545	1/30/2024 19:12	1/31/2024 9:00	827.78	0
1523524	1/30/2024 19:12	1/31/2024 9:00	827.32	0
1349244	1/30/2024 19:12	1/31/2024 9:00	827.72	0
1557676	1/30/2024 19:12	1/31/2024 9:00	827.32	0
430114	1/30/2024 19:12	1/31/2024 9:00	827.78	0
10013697	1/30/2024 19:12	1/31/2024 9:00	827.32	0
314945	1/30/2024 19:12	1/31/2024 8:25	793	0
1553245	1/30/2024 19:12	1/31/2024 9:00	827.32	0
957216	1/30/2024 19:12	1/31/2024 9:00	827.73	0
1346455	1/30/2024 19:12	1/31/2024 9:00	827.72	0
1320619	1/30/2024 19:12	1/31/2024 9:00	827.72	0
316997	1/30/2024 19:12	1/31/2024 9:00	827.92	0
1310926	1/30/2024 19:12	1/31/2024 9:00	827.72	0
800588	1/30/2024 19:12	1/31/2024 9:00	827.83	0
315730	1/30/2024 19:12	1/31/2024 9:00	827.92	0
1444809	1/30/2024 19:12	1/31/2024 7:53	761	0
328113	1/30/2024 19:12	1/31/2024 9:00	827.92	0
553863	1/30/2024 19:12	1/31/2024 9:00	827.78	0
1704232	1/30/2024 19:12	1/31/2024 9:00	827.72	0
1469956	1/30/2024 19:12	1/31/2024 8:41	809	0
8486022	1/30/2024 19:12	1/31/2024 9:00	827.32	0
1546695	1/30/2024 19:12	1/31/2024 9:00	827.32	0
1466357	1/30/2024 19:12	1/31/2024 9:00	827.32	0
656343	1/30/2024 19:12	1/31/2024 9:00	827.83	0
454901	1/30/2024 19:12	1/31/2024 9:00	827.78	0
1671958	1/30/2024 19:12	1/31/2024 9:00	827.78	0
8495802	1/30/2024 19:12	1/31/2024 9:00	827.32	0
457729	1/30/2024 19:12	1/31/2024 9:00	827.78	0
1378273	1/30/2024 19:12	1/31/2024 9:00	827.72	0
561757	1/30/2024 19:13	1/31/2024 9:00	826.78	0
507365	1/30/2024 19:13	1/31/2024 9:00	826.78	0
548347	1/30/2024 19:13	1/31/2024 9:00	826.78	0
7879030	1/30/2024 19:13	1/31/2024 9:00	826.78	0
1378128	1/30/2024 19:13	1/31/2024 9:00	826.72	0
454861	1/30/2024 19:13	1/31/2024 9:00	826.78	0
511266	1/30/2024 19:13	1/31/2024 9:00	826.78	0
345957	1/30/2024 19:13	1/31/2024 9:00	826.92	0

1348444	1/30/2024 19:13	1/31/2024 9:00	826.72	0
810130	1/30/2024 19:13	1/31/2024 9:00	826.83	0
1549376	1/30/2024 19:13	1/31/2024 9:00	826.32	0
344958	1/30/2024 19:13	1/31/2024 9:00	826.92	0
8734349	1/30/2024 19:13	1/31/2024 9:00	826.72	0
523489	1/30/2024 19:13	1/31/2024 9:00	826.92	0
347230	1/30/2024 19:13	1/31/2024 8:00	767	0
457978	1/30/2024 19:13	1/31/2024 9:00	826.78	0
446329	1/30/2024 19:13	1/31/2024 9:00	826.78	0
658658	1/30/2024 19:13	1/31/2024 9:00	826.83	0
1550815	1/30/2024 19:13	1/31/2024 9:00	826.32	0
418876	1/30/2024 19:13	1/31/2024 9:00	826.78	0
449036	1/30/2024 19:13	1/31/2024 9:00	826.78	0
455629	1/30/2024 19:13	1/31/2024 9:00	826.78	0
800590	1/30/2024 19:13	1/31/2024 9:00	826.83	0
558031	1/30/2024 19:14	1/31/2024 9:00	825.78	0
324045	1/30/2024 19:14	1/31/2024 9:00	825.92	0
315306	1/30/2024 19:14	1/31/2024 9:00	825.92	0
346185	1/30/2024 19:14	1/31/2024 9:00	825.92	0
1077082	1/30/2024 19:14	1/31/2024 9:00	825.78	0
1347024	1/30/2024 19:14	1/31/2024 9:00	825.72	0
8148103	1/30/2024 19:14	1/31/2024 9:00	825.92	0
1348780	1/30/2024 19:14	1/31/2024 9:00	825.72	0
469018	1/30/2024 19:14	1/31/2024 9:00	825.78	0
1430294	1/30/2024 19:14	1/31/2024 9:00	825.32	0
1597556	1/30/2024 19:14	1/31/2024 9:00	825.32	0
956125	1/30/2024 19:14	1/31/2024 9:00	825.73	0
1081237	1/30/2024 19:14	1/31/2024 9:00	825.9	0
1469866	1/30/2024 19:14	1/31/2024 9:00	825.32	0
808384	1/30/2024 19:14	1/31/2024 9:00	825.83	0
567126	1/30/2024 19:15	1/31/2024 9:00	824.78	0
509233	1/30/2024 19:15	1/31/2024 9:00	824.78	0
198082	1/30/2024 19:15	1/31/2024 9:00	824.92	0
10371746	1/30/2024 19:15	1/31/2024 9:00	824.78	0
1664433	1/30/2024 19:15	1/31/2024 9:00	824.83	0
1683861	1/30/2024 19:15	1/31/2024 9:00	824.92	0
445867	1/30/2024 19:15	1/31/2024 9:00	824.78	0
1467272	1/30/2024 19:15	1/31/2024 9:00	824.32	0
1346665	1/30/2024 19:16	1/31/2024 9:00	823.72	0
1320646	1/30/2024 19:16	1/31/2024 9:00	823.72	0
1465391	1/30/2024 19:16	1/31/2024 8:08	772	0
197356	1/30/2024 19:16	1/31/2024 9:00	823.92	0
508593	1/30/2024 19:16	1/31/2024 9:00	823.78	0
1378582	1/30/2024 19:16	1/31/2024 9:00	823.72	0
346967	1/30/2024 19:16	1/31/2024 9:00	823.92	0
1430644	1/30/2024 19:16	1/31/2024 9:00	823.32	0
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626477	1/30/2024 19:17	1/31/2024 9:00	822.78	0
1430838	1/30/2024 19:17	1/31/2024 9:00	822.32	0
1347888	1/30/2024 19:17	1/31/2024 9:00	822.72	0
1551510	1/30/2024 19:17	1/31/2024 9:00	822.32	0
1573666	1/30/2024 19:17	1/31/2024 9:00	822.32	0
6995795	1/30/2024 19:17	1/31/2024 9:00	822.78	0
1468500	1/30/2024 19:17	1/31/2024 9:00	822.32	0
564518	1/30/2024 19:17	1/31/2024 9:00	822.78	0
859747	1/30/2024 19:17	1/31/2024 9:00	822.83	0
8590289	1/30/2024 19:17	1/31/2024 9:00	822.78	0
345647	1/30/2024 19:17	1/31/2024 9:00	822.92	0
1393699	1/30/2024 19:17	1/31/2024 9:00	822.72	0
1514004	1/30/2024 19:17	1/31/2024 9:00	822.32	0
1547686	1/30/2024 19:17	1/31/2024 9:00	822.32	0
1351539	1/30/2024 19:17	1/31/2024 9:00	822.72	0
1430553	1/30/2024 19:17	1/31/2024 9:00	822.32	0
1557303	1/30/2024 19:17	1/31/2024 9:00	822.32	0
274125	1/30/2024 19:17	1/31/2024 9:00	822.92	0
1432940	1/30/2024 19:17	1/31/2024 9:00	822.32	0
570022	1/30/2024 19:17	1/31/2024 9:00	822.78	0
664453	1/30/2024 19:17	1/31/2024 9:00	822.83	0
1376158	1/30/2024 19:17	1/31/2024 9:00	822.72	0
1556246	1/30/2024 19:17	1/31/2024 9:00	822.32	0
197629	1/30/2024 19:17	1/31/2024 9:00	822.92	0
1349502	1/30/2024 19:17	1/31/2024 9:00	822.72	0
1512146	1/30/2024 19:18	1/31/2024 9:00	821.32	0
1576533	1/30/2024 19:18	1/31/2024 9:00	821.32	0
1348130	1/30/2024 19:18	1/31/2024 9:00	821.72	0
353371	1/30/2024 19:18	1/31/2024 9:00	821.92	0
563721	1/30/2024 19:18	1/31/2024 9:00	821.78	0
1465703	1/30/2024 19:18	1/31/2024 9:00	821.32	0
571420	1/30/2024 19:18	1/31/2024 9:00	821.78	0
1565203	1/30/2024 19:18	1/31/2024 9:00	821.32	0
455345	1/30/2024 19:18	1/31/2024 9:00	821.78	0
1463520	1/30/2024 19:18	1/31/2024 9:00	821.32	0
346347	1/30/2024 19:18	1/31/2024 9:00	821.92	0
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1555268	1/30/2024 19:18	1/31/2024 9:00	821.32	0
1670039	1/30/2024 19:18	1/31/2024 9:00	821.78	0
10393495	1/30/2024 19:18	1/31/2024 9:00	821.92	0
346135	1/30/2024 19:18	1/31/2024 9:00	821.92	0
801004	1/30/2024 19:18	1/31/2024 9:00	821.83	0
1551513	1/30/2024 19:18	1/31/2024 9:00	821.32	0
353082	1/30/2024 19:18	1/31/2024 9:00	821.92	0

624953	1/30/2024 19:18	1/31/2024 9:00	821.78	0
1351069	1/30/2024 19:19	1/31/2024 9:00	820.72	0
317084	1/30/2024 19:19	1/31/2024 9:00	820.92	0
51483	1/30/2024 19:19	1/31/2024 9:00	820.92	0
1394365	1/30/2024 19:19	1/31/2024 9:00	820.72	0
1516786	1/30/2024 19:19	1/31/2024 9:00	820.32	0
1464949	1/30/2024 19:19	1/31/2024 9:00	820.32	0
1550318	1/30/2024 19:19	1/31/2024 9:00	820.32	0
1350104	1/30/2024 19:19	1/31/2024 8:58	819	0
10659831	1/30/2024 19:19	1/31/2024 9:00	820.32	0
971524	1/30/2024 19:19	1/31/2024 9:00	820.78	0
561672	1/30/2024 19:19	1/31/2024 9:00	820.78	0
1547692	1/30/2024 19:19	1/31/2024 9:00	820.32	0
381982	1/30/2024 19:19	1/31/2024 9:00	820.78	0
1680798	1/30/2024 19:19	1/31/2024 8:00	761	0
380057	1/30/2024 19:20	1/31/2024 9:00	819.78	0
313269	1/30/2024 19:20	1/31/2024 9:00	819.92	0
1350598	1/30/2024 19:20	1/31/2024 9:00	819.72	0
808829	1/30/2024 19:20	1/31/2024 9:00	819.83	0
1433348	1/30/2024 19:20	1/31/2024 9:00	819.32	0
1412757	1/30/2024 19:20	1/31/2024 9:00	819.72	0
1554218	1/30/2024 19:20	1/31/2024 9:00	819.32	0
1346671	1/30/2024 19:20	1/31/2024 9:00	819.72	0
1702936	1/30/2024 19:20	1/31/2024 9:00	819.72	0
1547843	1/30/2024 19:21	1/31/2024 9:00	818.32	0
1466445	1/30/2024 19:21	1/31/2024 7:57	756	0
1494722	1/30/2024 19:21	1/31/2024 9:00	818.72	0
9063373	1/30/2024 19:22	1/31/2024 9:00	817.72	0
1503507	1/30/2024 19:22	1/31/2024 9:00	817.72	0
1465282	1/30/2024 19:22	1/31/2024 8:08	766	0
601397	1/30/2024 19:22	1/31/2024 9:00	817.78	0
1552154	1/30/2024 19:22	1/31/2024 9:00	817.32	0
1351588	1/30/2024 19:22	1/31/2024 8:53	811	0
1352967	1/30/2024 19:22	1/31/2024 9:00	817.72	0
619266	1/30/2024 19:22	1/31/2024 9:00	817.78	0
1349083	1/30/2024 19:22	1/31/2024 9:00	817.72	0
627289	1/30/2024 19:23	1/31/2024 9:00	816.78	0
1703519	1/30/2024 19:23	1/31/2024 9:00	816.72	0
1469270	1/30/2024 19:23	1/31/2024 8:42	799	0
1394324	1/30/2024 19:23	1/31/2024 9:00	816.72	0
1556434	1/30/2024 19:23	1/31/2024 9:00	816.32	0
1549436	1/30/2024 19:23	1/31/2024 9:00	816.32	0
7902724	1/30/2024 19:24	1/31/2024 8:32	788	0
8950281	1/30/2024 19:24	1/31/2024 9:00	815.92	0
1403562	1/30/2024 19:24	1/31/2024 9:00	815.72	0
1556243	1/30/2024 19:24	1/31/2024 9:00	815.32	0
1348976	1/30/2024 19:24	1/31/2024 9:00	815.72	0

8068454	1/30/2024 19:25	1/31/2024 9:00	814.78	0
1333801	1/30/2024 19:25	1/31/2024 9:00	814.72	0
51957	1/30/2024 19:28	1/31/2024 9:00	811.92	0
624716	1/30/2024 19:29	1/31/2024 9:00	810.78	0
353728	1/30/2024 19:30	1/31/2024 9:00	809.92	0
315169	1/30/2024 19:34	1/31/2024 9:00	805.92	0
593366	1/30/2024 19:37	1/31/2024 9:00	802.78	0
317126	1/30/2024 19:58	1/31/2024 9:00	781.92	0
449377	1/30/2024 20:12	1/30/2024 20:38	26	0
605186	1/30/2024 20:26	1/31/2024 9:00	753.78	0
281235	1/30/2024 20:27	1/31/2024 9:00	752.92	0
449377	1/30/2024 20:38	1/30/2024 21:04	26	0
658642	1/30/2024 20:49	1/31/2024 9:00	730.83	0
449377	1/30/2024 21:04	1/30/2024 21:26	22	0
449377	1/30/2024 21:26	1/30/2024 23:00	94	0
549259	1/30/2024 21:38	1/31/2024 9:00	681.78	0
449377	1/30/2024 23:00	1/30/2024 23:42	42	0
449377	1/30/2024 23:42	1/30/2024 23:58	16	0
449377	1/30/2024 23:58	1/31/2024 0:56	58	0
449377	1/31/2024 0:56	1/31/2024 2:35	99	0
449377	1/31/2024 2:35	1/31/2024 3:02	27	0
449377	1/31/2024 3:02	1/31/2024 3:33	31	0
449377	1/31/2024 3:33	1/31/2024 3:49	16	0
449377	1/31/2024 3:49	1/31/2024 5:18	89	0
449377	1/31/2024 5:18	1/31/2024 6:05	47	0
449377	1/31/2024 6:05	1/31/2024 6:26	21	0
449377	1/31/2024 6:26	1/31/2024 7:29	63	0
449377	1/31/2024 7:29	1/31/2024 8:15	46	0
1444809	1/31/2024 7:53	1/31/2024 9:00	66.32	0
1466445	1/31/2024 7:57	1/31/2024 8:12	15	0
347230	1/31/2024 8:00	1/31/2024 9:00	59.92	0
1680798	1/31/2024 8:00	1/31/2024 9:00	59.92	0
1465282	1/31/2024 8:08	1/31/2024 9:00	51.32	0
1465391	1/31/2024 8:08	1/31/2024 9:00	51.32	0
1445317	1/31/2024 8:11	1/31/2024 9:00	48.32	0
1466445	1/31/2024 8:12	1/31/2024 9:00	47.32	0
449377	1/31/2024 8:15	1/31/2024 8:43	28	0
65245	1/31/2024 8:20	1/31/2024 9:00	39.92	0
317195	1/31/2024 8:22	1/31/2024 9:00	37.92	0
314945	1/31/2024 8:25	1/31/2024 9:00	34.92	0
7902724	1/31/2024 8:32	1/31/2024 9:00	27.92	0
8511623	1/31/2024 8:39	1/31/2024 9:00	20.92	0
1469956	1/31/2024 8:41	1/31/2024 9:00	18.32	0
1469850	1/31/2024 8:42	1/31/2024 9:00	17.32	0
1469270	1/31/2024 8:42	1/31/2024 9:00	17.32	0
449377	1/31/2024 8:43	1/31/2024 9:00	16.78	0
1466638	1/31/2024 8:45	1/31/2024 9:00	14.32	0

1351588	1/31/2024 8:53	1/31/2024 9:00	6.72	0
1350104	1/31/2024 8:58	1/31/2024 9:00	1.72	0
1552990	1/31/2024 9:00	2/1/2024 9:00	1439.32	0
8766703	1/31/2024 9:00	2/1/2024 9:00	1439.73	0
509233	1/31/2024 9:00	1/31/2024 19:23	623	0
447406	1/31/2024 9:00	1/31/2024 15:46	406	0
1333801	1/31/2024 9:00	1/31/2024 19:13	613	0
726904	1/31/2024 9:00	2/1/2024 9:00	1439.83	0
860281	1/31/2024 9:00	1/31/2024 11:37	157	0
1349032	1/31/2024 9:00	2/1/2024 9:00	1439.72	0
10222019	1/31/2024 9:00	2/1/2024 9:00	1439.72	0
353728	1/31/2024 9:00	1/31/2024 11:43	163	0
1320845	1/31/2024 9:00	1/31/2024 10:07	67	0
1702895	1/31/2024 9:00	2/1/2024 9:00	1439.72	0
8668965	1/31/2024 9:00	2/1/2024 9:00	1439.78	0
1513541	1/31/2024 9:00	2/1/2024 9:00	1439.32	0
7194273	1/31/2024 9:00	2/1/2024 9:00	1439.32	0
675499	1/31/2024 9:00	1/31/2024 11:28	148	0
30471	1/31/2024 9:00	1/31/2024 13:41	281	0
1516579	1/31/2024 9:00	1/31/2024 10:53	113	0
859747	1/31/2024 9:00	1/31/2024 11:39	159	0
1552447	1/31/2024 9:00	2/1/2024 9:00	1439.32	0
6761269	1/31/2024 9:00	1/31/2024 10:14	74	0
1516786	1/31/2024 9:00	2/1/2024 9:00	1439.32	0
1546695	1/31/2024 9:01	1/31/2024 14:36	335	0
314945	1/31/2024 9:02	1/31/2024 19:31	629	0
800600	1/31/2024 9:02	1/31/2024 19:14	612	0
1584264	1/31/2024 9:06	1/31/2024 11:38	152	0
319279	1/31/2024 9:06	2/1/2024 9:00	1433.92	0
554089	1/31/2024 9:07	2/1/2024 9:00	1432.78	0
509102	1/31/2024 9:07	1/31/2024 11:23	136	0
1453263	1/31/2024 9:07	1/31/2024 11:08	121	0
562202	1/31/2024 9:07	1/31/2024 15:12	365	0
1394324	1/31/2024 9:07	1/31/2024 19:31	624	0
325050	1/31/2024 9:08	1/31/2024 11:37	149	0
8950281	1/31/2024 9:08	2/1/2024 9:00	1431.92	0
574993	1/31/2024 9:08	1/31/2024 14:54	346	0
510522	1/31/2024 9:08	1/31/2024 11:25	137	0
1469850	1/31/2024 9:08	1/31/2024 19:11	603	0
1469270	1/31/2024 9:08	1/31/2024 19:28	620	0
801004	1/31/2024 9:08	1/31/2024 14:40	332	0
8511623	1/31/2024 9:10	1/31/2024 17:13	483	0
511223	1/31/2024 9:10	1/31/2024 11:23	133	0
1466445	1/31/2024 9:10	1/31/2024 19:28	618	0
1465282	1/31/2024 9:10	1/31/2024 19:27	617	0
1445317	1/31/2024 9:10	1/31/2024 11:39	149	0
1465391	1/31/2024 9:11	1/31/2024 19:25	614	0

1469956	1/31/2024 9:12	1/31/2024 19:16	604	0
1444809	1/31/2024 9:12	1/31/2024 11:41	149	0
347230	1/31/2024 9:13	1/31/2024 11:46	153	0
51957	1/31/2024 9:18	1/31/2024 19:38	620	0
980398	1/31/2024 9:18	1/31/2024 18:58	580	0
7902724	1/31/2024 9:21	1/31/2024 10:02	41	0
8104722	1/31/2024 9:22	1/31/2024 19:29	607	0
10510361	1/31/2024 9:22	1/31/2024 19:28	606	0
1466638	1/31/2024 9:22	1/31/2024 10:38	76	0
314899	1/31/2024 9:24	1/31/2024 19:29	605	0
1321605	1/31/2024 9:24	1/31/2024 11:42	138	0
523489	1/31/2024 9:24	1/31/2024 19:32	608	0
1463680	1/31/2024 9:24	1/31/2024 10:26	62	0
658642	1/31/2024 9:25	1/31/2024 19:21	596	0
1467272	1/31/2024 9:25	1/31/2024 10:26	61	0
317084	1/31/2024 9:25	1/31/2024 19:38	613	0
317195	1/31/2024 9:25	1/31/2024 19:30	605	0
318402	1/31/2024 9:26	1/31/2024 19:32	606	0
1463520	1/31/2024 9:26	1/31/2024 10:26	60	0
1324815	1/31/2024 9:28	1/31/2024 11:44	136	0
1326407	1/31/2024 9:30	1/31/2024 12:01	151	0
9063373	1/31/2024 9:33	1/31/2024 19:31	598	0
315730	1/31/2024 9:33	1/31/2024 10:03	30	0
7178975	1/31/2024 9:34	1/31/2024 10:03	29	0
1394365	1/31/2024 9:34	1/31/2024 19:29	595	0
314188	1/31/2024 9:35	1/31/2024 10:01	26	0
315169	1/31/2024 9:35	1/31/2024 10:06	31	0
1430644	1/31/2024 9:37	1/31/2024 19:23	586	0
1376158	1/31/2024 9:37	1/31/2024 13:44	247	0
315088	1/31/2024 9:38	1/31/2024 19:29	591	0
317233	1/31/2024 9:39	1/31/2024 19:26	587	0
315345	1/31/2024 9:39	1/31/2024 19:33	594	0
315346	1/31/2024 9:42	1/31/2024 19:28	586	0
1405290	1/31/2024 9:42	1/31/2024 19:22	580	0
1019446	1/31/2024 9:42	1/31/2024 19:14	572	0
1406535	1/31/2024 9:43	1/31/2024 19:23	580	0
1650561	1/31/2024 9:44	1/31/2024 14:14	270	0
1393699	1/31/2024 9:44	1/31/2024 19:13	569	0
1494722	1/31/2024 9:45	1/31/2024 19:29	584	0
1430838	1/31/2024 9:45	1/31/2024 19:27	582	0
1430553	1/31/2024 9:47	1/31/2024 19:18	571	0
1604432	1/31/2024 9:48	1/31/2024 19:31	583	0
454901	1/31/2024 9:49	1/31/2024 14:18	269	0
457978	1/31/2024 9:50	1/31/2024 14:20	270	0
275018	1/31/2024 9:50	1/31/2024 14:20	270	0
1551513	1/31/2024 9:50	1/31/2024 11:50	120	0
561757	1/31/2024 9:50	1/31/2024 11:08	78	0

456099	1/31/2024 9:50	1/31/2024 14:18	268	0
498070	1/31/2024 9:51	1/31/2024 19:18	567	0
10393495	1/31/2024 9:51	1/31/2024 14:19	268	0.1
510974	1/31/2024 9:51	1/31/2024 19:10	559	0
1553065	1/31/2024 9:51	1/31/2024 11:55	124	0.01
1551510	1/31/2024 9:51	1/31/2024 11:52	121	0
454861	1/31/2024 9:51	1/31/2024 14:22	271	0
500173	1/31/2024 9:52	1/31/2024 19:13	561	0
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315730	1/31/2024 10:03	1/31/2024 19:33	570	0
7178975	1/31/2024 10:03	1/31/2024 19:33	570	0
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8972545	1/31/2024 10:05	1/31/2024 19:13	548	0
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323747	1/31/2024 10:07	1/31/2024 11:39	92	0

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8148103	1/31/2024 10:08	1/31/2024 19:36	568	0
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1463680	1/31/2024 10:26	1/31/2024 11:08	42	0
547577	1/31/2024 10:26	1/31/2024 11:45	79	0
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7902724	1/31/2024 10:49	1/31/2024 15:02	253	0
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1463218	1/31/2024 10:50	1/31/2024 14:19	209	0
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1466638	1/31/2024 10:54	1/31/2024 14:22	208	0
125572	1/31/2024 10:55	1/31/2024 11:37	42	0
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8068454	1/31/2024 11:08	1/31/2024 11:18	10	0
1453263	1/31/2024 11:08	1/31/2024 19:22	494	0
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317126	1/31/2024 11:09	1/31/2024 19:37	508	0
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740241	1/31/2024 11:20	1/31/2024 13:37	137	0
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511223	1/31/2024 11:23	1/31/2024 19:16	473	0
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68308	1/31/2024 11:24	1/31/2024 14:18	174	0
510522	1/31/2024 11:25	1/31/2024 19:12	467	0
1524033	1/31/2024 11:25	1/31/2024 14:08	163	0
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127206	1/31/2024 11:26	2/1/2024 9:00	1293.92	0
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675499	1/31/2024 11:28	1/31/2024 19:10	462	0
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1431804	1/31/2024 11:33	1/31/2024 12:05	32	0
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197883	1/31/2024 11:37	1/31/2024 14:19	162	0
860281	1/31/2024 11:37	1/31/2024 12:34	57	0

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197629	1/31/2024 11:37	1/31/2024 14:25	168	0
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324249	1/31/2024 11:37	1/31/2024 13:06	89	0
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325050	1/31/2024 11:37	1/31/2024 13:07	90	0
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1683861	1/31/2024 11:39	1/31/2024 15:06	207	0
1445317	1/31/2024 11:39	1/31/2024 14:39	180	0
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323747	1/31/2024 11:39	1/31/2024 13:08	89	0.08
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561757	1/31/2024 11:39	1/31/2024 14:38	179	0
1346671	1/31/2024 11:40	1/31/2024 12:11	31	0
1321750	1/31/2024 11:40	1/31/2024 13:24	104	0
1515733	1/31/2024 11:40	1/31/2024 11:56	16	0
197356	1/31/2024 11:40	1/31/2024 14:23	163	0
1444947	1/31/2024 11:40	1/31/2024 19:22	462	0
1516579	1/31/2024 11:40	1/31/2024 11:45	5	0
26864	1/31/2024 11:40	1/31/2024 13:41	121	0
324045	1/31/2024 11:40	1/31/2024 13:10	90	0.05
196965	1/31/2024 11:40	1/31/2024 14:22	162	0.01
569420	1/31/2024 11:41	1/31/2024 12:12	31	0
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1444809	1/31/2024 11:41	1/31/2024 14:39	178	0
23566	1/31/2024 11:41	1/31/2024 19:28	467	0
1351588	1/31/2024 11:41	1/31/2024 12:13	32	0
645339	1/31/2024 11:41	1/31/2024 14:23	162	0
34905	1/31/2024 11:41	1/31/2024 19:34	473	0
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345957	1/31/2024 11:43	1/31/2024 13:01	78	0
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23462	1/31/2024 11:43	1/31/2024 19:30	467	0
353728	1/31/2024 11:43	1/31/2024 13:01	78	0
344958	1/31/2024 11:43	1/31/2024 13:01	78	0
353082	1/31/2024 11:43	1/31/2024 13:02	79	0
1324815	1/31/2024 11:44	1/31/2024 12:00	16	0
593397	1/31/2024 11:44	1/31/2024 14:33	169	0

328570	1/31/2024 11:44	1/31/2024 12:00	16	0
593366	1/31/2024 11:45	1/31/2024 14:33	168	0
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25066	1/31/2024 11:45	1/31/2024 19:37	472	0
1516579	1/31/2024 11:45	1/31/2024 14:07	142	0
547577	1/31/2024 11:45	1/31/2024 12:59	74	0
347230	1/31/2024 11:46	1/31/2024 12:59	73	0
346135	1/31/2024 11:46	1/31/2024 12:59	73	0
353371	1/31/2024 11:46	1/31/2024 12:59	73	0
346347	1/31/2024 11:46	1/31/2024 13:00	74	0
1671958	1/31/2024 11:46	1/31/2024 19:18	452	0
1565203	1/31/2024 11:47	1/31/2024 11:57	10	0
346185	1/31/2024 11:47	1/31/2024 13:00	73	0
328113	1/31/2024 11:47	1/31/2024 12:03	16	0
169731	1/31/2024 11:47	1/31/2024 19:34	467	0
418876	1/31/2024 11:47	1/31/2024 19:18	451	0
417158	1/31/2024 11:47	1/31/2024 19:13	446	0
593798	1/31/2024 11:48	1/31/2024 14:31	163	0
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1551510	1/31/2024 11:52	1/31/2024 13:53	121	0
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65245	1/31/2024 11:53	1/31/2024 19:29	456	0
1584264	1/31/2024 11:54	1/31/2024 12:20	26	0
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1553065	1/31/2024 11:55	2/1/2024 9:00	1264.32	0
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189581	1/31/2024 11:56	1/31/2024 12:12	16	0
345647	1/31/2024 11:56	1/31/2024 12:28	32	0
342796	1/31/2024 11:56	1/31/2024 12:28	32	0
1190246	1/31/2024 11:56	1/31/2024 12:54	58	0
553863	1/31/2024 11:56	1/31/2024 13:07	71	0
346967	1/31/2024 11:57	1/31/2024 12:29	32	0
1565203	1/31/2024 11:57	1/31/2024 12:13	16	0
449377	1/31/2024 11:58	1/31/2024 13:00	62	0
6761269	1/31/2024 11:58	1/31/2024 12:30	32	0
328570	1/31/2024 12:00	1/31/2024 12:47	47	0
346288	1/31/2024 12:00	1/31/2024 12:26	26	0

1324815	1/31/2024 12:00	1/31/2024 12:15	15	0
561672	1/31/2024 12:00	1/31/2024 14:17	137	0
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563721	1/31/2024 12:02	1/31/2024 14:34	152	0
328113	1/31/2024 12:03	1/31/2024 12:45	42	0
1412757	1/31/2024 12:04	1/31/2024 14:21	137	0
1431804	1/31/2024 12:05	1/31/2024 19:20	435	0
69207	1/31/2024 12:07	2/1/2024 9:00	1252.92	0
68620	1/31/2024 12:07	2/1/2024 9:00	1252.92	0
1350104	1/31/2024 12:09	1/31/2024 14:41	152	0
1349083	1/31/2024 12:10	1/31/2024 16:58	288	0
570022	1/31/2024 12:10	1/31/2024 14:10	120	0
1348976	1/31/2024 12:10	1/31/2024 16:59	289	0
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265955	1/31/2024 12:12	2/1/2024 9:00	1247.92	0
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34887	1/31/2024 12:13	1/31/2024 19:34	441	0
27852	1/31/2024 12:13	1/31/2024 13:42	89	0
27483	1/31/2024 12:15	1/31/2024 13:44	89	0
1324815	1/31/2024 12:15	1/31/2024 12:57	42	0
29635	1/31/2024 12:15	1/31/2024 19:26	431	0
35442	1/31/2024 12:15	1/31/2024 19:40	445	0
1557188	1/31/2024 12:16	1/31/2024 14:02	106	0
34832	1/31/2024 12:16	1/31/2024 19:32	436	0
1554218	1/31/2024 12:17	1/31/2024 14:02	105	0
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67738	1/31/2024 12:24	2/1/2024 9:00	1235.92	0
204700	1/31/2024 12:25	2/1/2024 9:00	1234.92	0
346288	1/31/2024 12:26	1/31/2024 14:12	106	0
342796	1/31/2024 12:28	1/31/2024 14:13	105	0
345647	1/31/2024 12:28	1/31/2024 14:13	105	0
1514004	1/31/2024 12:29	1/31/2024 14:46	137	0
346967	1/31/2024 12:29	1/31/2024 14:14	105	0
6761269	1/31/2024 12:30	1/31/2024 14:14	104	0
309961	1/31/2024 12:32	2/1/2024 9:00	1227.92	0

308959	1/31/2024 12:33	2/1/2024 9:00	1226.92	0
860281	1/31/2024 12:34	1/31/2024 14:35	121	0
859747	1/31/2024 12:37	1/31/2024 14:38	121	0
328113	1/31/2024 12:45	1/31/2024 14:30	105	0
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1434316	1/31/2024 12:57	1/31/2024 14:53	116	0
1326407	1/31/2024 12:59	2/1/2024 9:00	1200.72	0
347230	1/31/2024 12:59	1/31/2024 16:14	195	0
346135	1/31/2024 12:59	2/1/2024 9:00	1200.92	0
547577	1/31/2024 12:59	2/1/2024 9:00	1200.92	0
353371	1/31/2024 12:59	1/31/2024 14:13	74	0
346185	1/31/2024 13:00	2/1/2024 9:00	1199.92	0
346347	1/31/2024 13:00	2/1/2024 9:00	1199.92	0
449377	1/31/2024 13:00	1/31/2024 13:48	48	0
344958	1/31/2024 13:01	2/1/2024 9:00	1198.92	0
345957	1/31/2024 13:01	2/1/2024 9:00	1198.92	0
353728	1/31/2024 13:01	1/31/2024 14:46	105	0
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324290	1/31/2024 13:06	1/31/2024 14:25	79	0
323657	1/31/2024 13:06	1/31/2024 14:35	89	0
324249	1/31/2024 13:06	1/31/2024 14:40	94	0
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914462	1/31/2024 13:08	2/1/2024 9:00	1191.83	0
323747	1/31/2024 13:08	1/31/2024 14:38	90	0
916441	1/31/2024 13:08	2/1/2024 9:00	1191.83	0
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1320619	1/31/2024 13:22	1/31/2024 14:41	79	0
1321750	1/31/2024 13:24	1/31/2024 22:02	518	0
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27443	1/31/2024 13:30	1/31/2024 13:41	11	0
740241	1/31/2024 13:37	1/31/2024 19:07	330	0
125572	1/31/2024 13:39	1/31/2024 14:42	63	0
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26864	1/31/2024 13:41	1/31/2024 19:33	352	0
26921	1/31/2024 13:42	1/31/2024 19:29	347	0
27852	1/31/2024 13:42	1/31/2024 19:29	347	0
29848	1/31/2024 13:43	1/31/2024 19:29	346	0
28509	1/31/2024 13:43	1/31/2024 19:31	348	0
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1547843	1/31/2024 13:53	1/31/2024 14:25	32	0
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1190246	1/31/2024 13:57	1/31/2024 14:23	26	0
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325050	1/31/2024 14:10	1/31/2024 14:21	11	0
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353651	1/31/2024 14:12	1/31/2024 14:27	15	0
346288	1/31/2024 14:12	1/31/2024 14:27	15	0
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1464949	1/31/2024 14:19	1/31/2024 14:35	16	0
274125	1/31/2024 14:20	1/31/2024 14:35	15	0
455629	1/31/2024 14:20	1/31/2024 14:36	16	0
275018	1/31/2024 14:20	1/31/2024 14:36	16	0
455994	1/31/2024 14:20	1/31/2024 14:36	16	0
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325050	1/31/2024 14:21	1/31/2024 14:37	16	0
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1547692	1/31/2024 14:21	1/31/2024 19:32	311	0
281235	1/31/2024 14:22	1/31/2024 15:19	57	0
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1549436	1/31/2024 14:22	1/31/2024 19:27	305	0
455345	1/31/2024 14:22	1/31/2024 14:37	15	0
197690	1/31/2024 14:22	1/31/2024 14:38	16	0
198082	1/31/2024 14:22	2/1/2024 9:00	1117.92	0
196965	1/31/2024 14:22	1/31/2024 14:38	16	0.03
454861	1/31/2024 14:22	1/31/2024 14:32	10	0
197561	1/31/2024 14:23	1/31/2024 14:39	16	0
196408	1/31/2024 14:23	1/31/2024 14:38	15	0
645339	1/31/2024 14:23	1/31/2024 14:39	16	0
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324045	1/31/2024 14:23	1/31/2024 14:39	16	0
1465703	1/31/2024 14:23	1/31/2024 15:20	57	0
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197356	1/31/2024 14:23	1/31/2024 14:38	15	0
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1515733	1/31/2024 14:23	1/31/2024 14:38	15	0
1190246	1/31/2024 14:23	1/31/2024 14:40	17	0
10013697	1/31/2024 14:23	1/31/2024 14:38	15	0
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1524033	1/31/2024 14:24	1/31/2024 19:23	299	0
1641091	1/31/2024 14:24	1/31/2024 19:36	312	0
6761269	1/31/2024 14:25	1/31/2024 15:28	63	0
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324290	1/31/2024 14:25	1/31/2024 14:40	15	0
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570022	1/31/2024 14:26	1/31/2024 14:42	16	0
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346288	1/31/2024 14:27	1/31/2024 15:30	63	0
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353371	1/31/2024 14:28	1/31/2024 15:00	32	0
342796	1/31/2024 14:28	1/31/2024 15:26	58	0
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345647	1/31/2024 14:29	1/31/2024 15:27	58	0
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160073	1/31/2024 14:29	1/31/2024 19:13	284	0
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328113	1/31/2024 14:30	1/31/2024 15:33	63	0
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645144	1/31/2024 14:36	1/31/2024 19:15	279	0

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455345	1/31/2024 14:37	1/31/2024 15:20	43	0
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1573666	1/31/2024 14:37	1/31/2024 19:22	285	0
1552154	1/31/2024 14:37	1/31/2024 19:26	289	0
197356	1/31/2024 14:38	1/31/2024 19:38	300	0
196965	1/31/2024 14:38	1/31/2024 19:31	293	0
197690	1/31/2024 14:38	1/31/2024 19:33	295	0
196408	1/31/2024 14:38	1/31/2024 19:27	289	0
1555268	1/31/2024 14:38	1/31/2024 19:27	289	0
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859747	1/31/2024 14:38	1/31/2024 19:26	288	0
8068454	1/31/2024 14:38	1/31/2024 19:27	289	0
1466638	1/31/2024 14:38	1/31/2024 16:07	89	0
323747	1/31/2024 14:38	1/31/2024 19:35	297	0
561757	1/31/2024 14:38	1/31/2024 15:09	31	0
1515733	1/31/2024 14:38	1/31/2024 19:27	289	0
552210	1/31/2024 14:38	1/31/2024 19:21	283	0
1555376	1/31/2024 14:39	1/31/2024 19:23	284	0
1320646	1/31/2024 14:39	1/31/2024 19:22	283	0
800590	1/31/2024 14:39	1/31/2024 19:10	271	0
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1550815	1/31/2024 14:39	1/31/2024 19:23	284	0
564518	1/31/2024 14:39	1/31/2024 19:17	278	0
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195839	1/31/2024 14:39	1/31/2024 19:31	292	0
324045	1/31/2024 14:39	1/31/2024 19:43	304	0.13
569420	1/31/2024 14:39	1/31/2024 19:01	262	0
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645339	1/31/2024 14:39	1/31/2024 19:19	280	0
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1190246	1/31/2024 14:40	1/31/2024 19:12	272	0
197629	1/31/2024 14:40	1/31/2024 19:37	297	0
324249	1/31/2024 14:40	1/31/2024 19:34	294	0
1351588	1/31/2024 14:40	1/31/2024 16:57	137	0

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1350104	1/31/2024 14:41	1/31/2024 16:58	137	0
567126	1/31/2024 14:41	1/31/2024 19:34	293	0
1351812	1/31/2024 14:41	1/31/2024 19:25	284	0
570022	1/31/2024 14:42	1/31/2024 19:15	273	0
125572	1/31/2024 14:42	1/31/2024 19:40	298	0
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1375642	1/31/2024 14:43	1/31/2024 14:58	15	0
1670039	1/31/2024 14:43	1/31/2024 19:21	278	0
1353525	1/31/2024 14:43	1/31/2024 19:27	284	0
571420	1/31/2024 14:43	1/31/2024 19:11	268	0
7415418	1/31/2024 14:44	1/31/2024 19:22	278	0
593397	1/31/2024 14:44	1/31/2024 19:11	267	0
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1514004	1/31/2024 14:46	1/31/2024 19:29	283	0
353728	1/31/2024 14:46	1/31/2024 15:01	15	0
593798	1/31/2024 14:47	1/31/2024 19:15	268	0
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1378273	1/31/2024 14:47	1/31/2024 15:03	16	0
1412757	1/31/2024 14:48	1/31/2024 19:15	267	0
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1556565	1/31/2024 14:48	1/31/2024 19:26	278	0
1557676	1/31/2024 14:48	1/31/2024 19:31	283	0
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593366	1/31/2024 14:49	1/31/2024 19:11	262	0
449036	1/31/2024 14:49	1/31/2024 19:17	268	0
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446329	1/31/2024 14:50	1/31/2024 19:28	278	0
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1434316	1/31/2024 14:53	1/31/2024 22:56	483	0
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574993	1/31/2024 14:54	1/31/2024 14:59	5	0
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21820	1/31/2024 14:55	1/31/2024 19:32	277	0
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7902724	1/31/2024 15:02	1/31/2024 15:17	15	0
1378273	1/31/2024 15:03	1/31/2024 19:20	257	0
1683861	1/31/2024 15:06	1/31/2024 19:33	267	0
1074779	1/31/2024 15:07	1/31/2024 19:14	247	0
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561757	1/31/2024 15:09	1/31/2024 19:00	231	0
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68308	1/31/2024 15:10	1/31/2024 19:33	263	0
574993	1/31/2024 15:10	1/31/2024 15:14	4	0
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562202	1/31/2024 15:12	1/31/2024 15:17	5	0
574993	1/31/2024 15:14	1/31/2024 15:20	6	0
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1597556	1/31/2024 15:15	1/31/2024 19:17	242	0
1599209	1/31/2024 15:16	1/31/2024 19:07	231	0
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7902724	1/31/2024 15:17	1/31/2024 15:33	16	0
1704779	1/31/2024 15:17	1/31/2024 19:07	230	0
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455629	1/31/2024 15:18	1/31/2024 15:34	16	0
455994	1/31/2024 15:18	1/31/2024 19:25	247	0

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574993	1/31/2024 15:20	1/31/2024 15:25	5	0
1465703	1/31/2024 15:20	1/31/2024 19:22	242	0
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456099	1/31/2024 15:21	1/31/2024 15:36	15	0
199354	1/31/2024 15:22	1/31/2024 19:29	247	0
457978	1/31/2024 15:23	1/31/2024 15:34	11	0
199337	1/31/2024 15:23	1/31/2024 19:30	247	0
1265778	1/31/2024 15:24	1/31/2024 19:14	230	0
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66685	1/31/2024 15:25	2/1/2024 9:00	1054.92	0
1516579	1/31/2024 15:26	1/31/2024 15:31	5	0
342796	1/31/2024 15:26	1/31/2024 19:28	242	0
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1349502	1/31/2024 15:28	1/31/2024 15:43	15	0
6761269	1/31/2024 15:28	1/31/2024 19:29	241	0
1350598	1/31/2024 15:28	1/31/2024 15:43	15	0
346288	1/31/2024 15:30	1/31/2024 19:26	236	0
1516579	1/31/2024 15:31	2/1/2024 9:00	1048.32	0
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328113	1/31/2024 15:33	1/31/2024 19:29	236	0
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457978	1/31/2024 15:34	1/31/2024 19:24	230	0
1321605	1/31/2024 15:34	1/31/2024 18:53	199	0
454861	1/31/2024 15:35	1/31/2024 19:21	226	0
574993	1/31/2024 15:35	1/31/2024 15:41	6	0
455345	1/31/2024 15:35	1/31/2024 19:26	231	0
456099	1/31/2024 15:36	1/31/2024 19:12	216	0
454901	1/31/2024 15:37	1/31/2024 19:17	220	0
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1349244	1/31/2024 15:41	1/31/2024 19:11	210	0
574993	1/31/2024 15:41	1/31/2024 15:51	10	0
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1350597	1/31/2024 15:42	1/31/2024 19:18	216	0

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8734349	1/31/2024 15:43	1/31/2024 19:24	221	0
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1346455	1/31/2024 15:44	1/31/2024 19:25	221	0
447406	1/31/2024 15:46	1/31/2024 19:21	215	0
1349542	1/31/2024 15:46	1/31/2024 19:16	210	0
574993	1/31/2024 15:51	1/31/2024 15:56	5	0
7902724	1/31/2024 15:53	1/31/2024 16:40	47	0
574993	1/31/2024 15:56	1/31/2024 16:07	11	0
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1466638	1/31/2024 16:07	1/31/2024 19:11	184	0
1664433	1/31/2024 16:07	1/31/2024 19:26	199	0
574993	1/31/2024 16:07	1/31/2024 16:12	5	0
1450250	1/31/2024 16:08	1/31/2024 19:22	194	0
8206792	1/31/2024 16:08	1/31/2024 19:22	194	0
574993	1/31/2024 16:12	1/31/2024 16:23	11	0
347230	1/31/2024 16:14	1/31/2024 19:28	194	0
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574993	1/31/2024 16:28	1/31/2024 16:38	10	0
449377	1/31/2024 16:36	1/31/2024 17:49	73	0
574993	1/31/2024 16:38	1/31/2024 16:44	6	0
7902724	1/31/2024 16:40	1/31/2024 16:51	11	0
574993	1/31/2024 16:44	1/31/2024 16:54	10	0
7902724	1/31/2024 16:51	1/31/2024 17:02	11	0
574993	1/31/2024 16:54	1/31/2024 16:59	5	0
1463520	1/31/2024 16:54	1/31/2024 19:21	147	0
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1349766	1/31/2024 16:55	1/31/2024 19:17	142	0
1467272	1/31/2024 16:55	1/31/2024 19:22	147	0
1463680	1/31/2024 16:56	1/31/2024 19:17	141	0
1349502	1/31/2024 16:57	1/31/2024 19:24	147	0
1351588	1/31/2024 16:57	1/31/2024 19:29	152	0
1350598	1/31/2024 16:57	1/31/2024 19:24	147	0
1350104	1/31/2024 16:58	1/31/2024 19:20	142	0
1349083	1/31/2024 16:58	1/31/2024 19:25	147	0
1348976	1/31/2024 16:59	1/31/2024 19:31	152	0
574993	1/31/2024 16:59	1/31/2024 17:10	11	0
7902724	1/31/2024 17:02	1/31/2024 19:39	157	0
574993	1/31/2024 17:10	1/31/2024 17:15	5	0
8511623	1/31/2024 17:13	1/31/2024 19:24	131	0

415131	1/31/2024 17:15	1/31/2024 19:16	121	0
574993	1/31/2024 17:15	2/1/2024 9:00	944.78	0
8604423	1/31/2024 17:20	1/31/2024 17:26	6	0
8604423	1/31/2024 17:26	1/31/2024 17:46	20	0
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449377	1/31/2024 17:49	1/31/2024 18:10	21	0
449377	1/31/2024 18:10	1/31/2024 18:52	42	0
8604423	1/31/2024 18:23	1/31/2024 19:16	53	0
449377	1/31/2024 18:52	1/31/2024 19:13	21	0
1321605	1/31/2024 18:53	2/1/2024 9:00	846.72	0
1020565	1/31/2024 18:55	2/1/2024 9:00	844.73	0
980398	1/31/2024 18:58	2/1/2024 9:00	841.73	0
561757	1/31/2024 19:00	2/1/2024 9:00	839.78	0
569420	1/31/2024 19:01	2/1/2024 9:00	838.78	0
1599209	1/31/2024 19:07	2/1/2024 9:00	832.32	0
1704779	1/31/2024 19:07	2/1/2024 9:00	832.72	0
558031	1/31/2024 19:07	2/1/2024 9:00	832.78	0
740241	1/31/2024 19:07	2/1/2024 9:00	832.83	0
1434359	1/31/2024 19:08	2/1/2024 9:00	831.32	0
955448	1/31/2024 19:08	2/1/2024 9:00	831.73	0
10371746	1/31/2024 19:09	2/1/2024 9:00	830.78	0
995564	1/31/2024 19:09	2/1/2024 9:00	830.73	0
1320008	1/31/2024 19:09	2/1/2024 9:00	830.72	0
675499	1/31/2024 19:10	2/1/2024 9:00	829.83	0
800590	1/31/2024 19:10	2/1/2024 9:00	829.83	0
510974	1/31/2024 19:10	2/1/2024 9:00	829.78	0
956968	1/31/2024 19:10	2/1/2024 9:00	829.73	0
1348773	1/31/2024 19:11	2/1/2024 9:00	828.72	0
1469850	1/31/2024 19:11	2/1/2024 8:39	808	0
593397	1/31/2024 19:11	2/1/2024 9:00	828.78	0
593366	1/31/2024 19:11	2/1/2024 9:00	828.78	0
1466638	1/31/2024 19:11	2/1/2024 8:24	793	0
954332	1/31/2024 19:11	2/1/2024 9:00	828.73	0
997397	1/31/2024 19:11	2/1/2024 9:00	828.73	0
571420	1/31/2024 19:11	2/1/2024 9:00	828.78	0
1349244	1/31/2024 19:11	2/1/2024 9:00	828.72	0
510307	1/31/2024 19:11	2/1/2024 9:00	828.78	0
658177	1/31/2024 19:12	2/1/2024 9:00	827.83	0
560588	1/31/2024 19:12	2/1/2024 9:00	827.78	0
1332906	1/31/2024 19:12	2/1/2024 9:00	827.72	0
1190246	1/31/2024 19:12	2/1/2024 9:00	827.72	0
656343	1/31/2024 19:12	2/1/2024 9:00	827.83	0
1437071	1/31/2024 19:12	2/1/2024 9:00	827.32	0
989956	1/31/2024 19:12	2/1/2024 9:00	827.73	0
456099	1/31/2024 19:12	2/1/2024 9:00	827.78	0
510522	1/31/2024 19:12	2/1/2024 9:00	827.78	0
1393699	1/31/2024 19:13	2/1/2024 9:00	826.72	0

500173	1/31/2024 19:13	2/1/2024 9:00	826.78	0
1333801	1/31/2024 19:13	2/1/2024 9:00	826.72	0
417158	1/31/2024 19:13	2/1/2024 9:00	826.78	0
160073	1/31/2024 19:13	2/1/2024 9:00	826.73	0
449377	1/31/2024 19:13	1/31/2024 19:39	26	0
1704232	1/31/2024 19:13	2/1/2024 9:00	826.72	0
8972545	1/31/2024 19:13	2/1/2024 9:00	826.78	0
646026	1/31/2024 19:13	2/1/2024 9:00	826.78	0
1074779	1/31/2024 19:14	2/1/2024 9:00	825.78	0
800600	1/31/2024 19:14	2/1/2024 9:00	825.83	0
1417279	1/31/2024 19:14	2/1/2024 9:00	825.72	0
1566872	1/31/2024 19:14	2/1/2024 9:00	825.32	0
954637	1/31/2024 19:14	2/1/2024 9:00	825.73	0
7879030	1/31/2024 19:14	2/1/2024 9:00	825.78	0
1265778	1/31/2024 19:14	2/1/2024 9:00	825.72	0
1019446	1/31/2024 19:14	2/1/2024 9:00	825.73	0
645144	1/31/2024 19:15	2/1/2024 9:00	824.78	0
570022	1/31/2024 19:15	2/1/2024 9:00	824.78	0
1412757	1/31/2024 19:15	2/1/2024 9:00	824.72	0
593798	1/31/2024 19:15	2/1/2024 9:00	824.78	0
808384	1/31/2024 19:16	2/1/2024 9:00	823.83	0
8910809	1/31/2024 19:16	2/1/2024 9:00	823.78	0
1349542	1/31/2024 19:16	2/1/2024 9:00	823.72	0
415131	1/31/2024 19:16	2/1/2024 9:00	823.78	0
810130	1/31/2024 19:16	2/1/2024 9:00	823.83	0
1077082	1/31/2024 19:16	2/1/2024 9:00	823.78	0
8604423	1/31/2024 19:16	1/31/2024 19:26	10	0
1350975	1/31/2024 19:16	2/1/2024 9:00	823.72	0
1469956	1/31/2024 19:16	2/1/2024 8:39	803	0
511223	1/31/2024 19:16	2/1/2024 9:00	823.78	0
1349338	1/31/2024 19:17	2/1/2024 9:00	822.72	0
564518	1/31/2024 19:17	2/1/2024 9:00	822.78	0
1349766	1/31/2024 19:17	2/1/2024 9:00	822.72	0
806370	1/31/2024 19:17	2/1/2024 9:00	822.83	0
1597556	1/31/2024 19:17	2/1/2024 9:00	822.32	0
1350499	1/31/2024 19:17	2/1/2024 9:00	822.72	0
449036	1/31/2024 19:17	2/1/2024 9:00	822.78	0
506261	1/31/2024 19:17	2/1/2024 9:00	822.78	0
6995795	1/31/2024 19:17	2/1/2024 9:00	822.78	0
1348300	1/31/2024 19:17	2/1/2024 9:00	822.72	0
1378582	1/31/2024 19:17	2/1/2024 9:00	822.72	0
454901	1/31/2024 19:17	2/1/2024 9:00	822.78	0
1463680	1/31/2024 19:17	2/1/2024 9:00	822.32	0
1093833	1/31/2024 19:17	2/1/2024 9:00	822.78	0
430114	1/31/2024 19:17	2/1/2024 9:00	822.78	0
800588	1/31/2024 19:17	2/1/2024 9:00	822.83	0
1350597	1/31/2024 19:18	2/1/2024 9:00	821.72	0

1650561	1/31/2024 19:18	2/1/2024 9:00	821.73	0
664453	1/31/2024 19:18	2/1/2024 9:00	821.83	0
1671958	1/31/2024 19:18	2/1/2024 9:00	821.78	0
498070	1/31/2024 19:18	2/1/2024 9:00	821.78	0
1463218	1/31/2024 19:18	2/1/2024 9:00	821.32	0
1415828	1/31/2024 19:18	2/1/2024 9:00	821.72	0
562346	1/31/2024 19:18	2/1/2024 9:00	821.78	0
1444809	1/31/2024 19:18	2/1/2024 7:54	756	0
418876	1/31/2024 19:18	2/1/2024 9:00	821.78	0
511266	1/31/2024 19:18	2/1/2024 9:00	821.78	0
1430553	1/31/2024 19:18	2/1/2024 9:00	821.32	0
645339	1/31/2024 19:19	2/1/2024 9:00	820.78	0
1348444	1/31/2024 19:19	2/1/2024 9:00	820.72	0
1445317	1/31/2024 19:19	2/1/2024 8:09	770	0
860281	1/31/2024 19:19	2/1/2024 9:00	820.83	0
455629	1/31/2024 19:19	2/1/2024 9:00	820.78	0
451783	1/31/2024 19:19	2/1/2024 9:00	820.78	0
1546695	1/31/2024 19:19	2/1/2024 9:00	820.32	0
605186	1/31/2024 19:19	2/1/2024 9:00	820.78	0
1551510	1/31/2024 19:19	2/1/2024 9:00	820.32	0
1378273	1/31/2024 19:20	2/1/2024 9:00	819.72	0
658658	1/31/2024 19:20	2/1/2024 9:00	819.83	0
1350104	1/31/2024 19:20	2/1/2024 8:54	814	0
1431804	1/31/2024 19:20	2/1/2024 9:00	819.32	0
10736160	1/31/2024 19:20	2/1/2024 9:00	819.72	0
1346410	1/31/2024 19:21	2/1/2024 9:00	818.72	0
454861	1/31/2024 19:21	2/1/2024 9:00	818.78	0
8590289	1/31/2024 19:21	2/1/2024 9:00	818.78	0
658642	1/31/2024 19:21	2/1/2024 9:00	818.83	0
1463520	1/31/2024 19:21	2/1/2024 9:00	818.32	0
1670039	1/31/2024 19:21	2/1/2024 9:00	818.78	0
1430294	1/31/2024 19:21	2/1/2024 9:00	818.32	0
1309098	1/31/2024 19:21	2/1/2024 9:00	818.72	0
1466357	1/31/2024 19:21	2/1/2024 9:00	818.32	0
381982	1/31/2024 19:21	2/1/2024 9:00	818.78	0
447406	1/31/2024 19:21	2/1/2024 9:00	818.78	0
1444636	1/31/2024 19:21	2/1/2024 9:00	818.32	0
1421188	1/31/2024 19:21	2/1/2024 9:00	818.72	0
552210	1/31/2024 19:21	2/1/2024 9:00	818.78	0
1320646	1/31/2024 19:22	2/1/2024 9:00	817.72	0
1444947	1/31/2024 19:22	2/1/2024 9:00	817.32	0
1352482	1/31/2024 19:22	2/1/2024 9:00	817.72	0
1467272	1/31/2024 19:22	2/1/2024 9:00	817.32	0
1465703	1/31/2024 19:22	2/1/2024 9:00	817.32	0
1453263	1/31/2024 19:22	2/1/2024 9:00	817.32	0
10013697	1/31/2024 19:22	2/1/2024 9:00	817.32	0
380057	1/31/2024 19:22	2/1/2024 9:00	817.78	0

1351069	1/31/2024 19:22	2/1/2024 9:00	817.72	0
7415418	1/31/2024 19:22	2/1/2024 9:00	817.72	0
1349605	1/31/2024 19:22	2/1/2024 9:00	817.72	0
1351539	1/31/2024 19:22	2/1/2024 9:00	817.72	0
1573666	1/31/2024 19:22	2/1/2024 9:00	817.32	0
1450250	1/31/2024 19:22	2/1/2024 9:00	817.32	0
1405290	1/31/2024 19:22	2/1/2024 9:00	817.72	0
8206792	1/31/2024 19:22	2/1/2024 9:00	817.32	0
793690	1/31/2024 19:22	2/1/2024 9:00	817.83	0
445867	1/31/2024 19:23	2/1/2024 9:00	816.78	0
801004	1/31/2024 19:23	2/1/2024 9:00	816.83	0
563721	1/31/2024 19:23	2/1/2024 9:00	816.78	0
1456419	1/31/2024 19:23	2/1/2024 9:00	816.32	0
1685329	1/31/2024 19:23	2/1/2024 9:00	816.72	0
1524033	1/31/2024 19:23	2/1/2024 9:00	816.32	0
1406535	1/31/2024 19:23	2/1/2024 9:00	816.72	0
1416360	1/31/2024 19:23	2/1/2024 9:00	816.72	0
1554677	1/31/2024 19:23	2/1/2024 9:00	816.32	0
509233	1/31/2024 19:23	2/1/2024 9:00	816.78	0
1555376	1/31/2024 19:23	2/1/2024 9:00	816.32	0
1430644	1/31/2024 19:23	2/1/2024 9:00	816.32	0
1550815	1/31/2024 19:23	2/1/2024 9:00	816.32	0
1547686	1/31/2024 19:23	2/1/2024 9:00	816.32	0
1349502	1/31/2024 19:24	2/1/2024 9:00	815.72	0
1446785	1/31/2024 19:24	2/1/2024 9:00	815.32	0
1376158	1/31/2024 19:24	2/1/2024 7:58	754	0
418291	1/31/2024 19:24	2/1/2024 9:00	815.78	0
507365	1/31/2024 19:24	2/1/2024 9:00	815.78	0
8511623	1/31/2024 19:24	2/1/2024 9:00	815.92	0
1432940	1/31/2024 19:24	2/1/2024 8:11	767	0
457729	1/31/2024 19:24	2/1/2024 9:00	815.78	0
1348780	1/31/2024 19:24	2/1/2024 9:00	815.72	0
8734349	1/31/2024 19:24	2/1/2024 9:00	815.72	0
457978	1/31/2024 19:24	2/1/2024 9:00	815.78	0
1564723	1/31/2024 19:24	2/1/2024 9:00	815.32	0
1464949	1/31/2024 19:24	2/1/2024 9:00	815.32	0
1350598	1/31/2024 19:24	2/1/2024 9:00	815.72	0
1549376	1/31/2024 19:24	2/1/2024 9:00	815.32	0
1547843	1/31/2024 19:24	2/1/2024 9:00	815.32	0
1565203	1/31/2024 19:24	2/1/2024 9:00	815.32	0
1417138	1/31/2024 19:24	2/1/2024 9:00	815.72	0
1465391	1/31/2024 19:25	2/1/2024 8:12	767	0
1351812	1/31/2024 19:25	2/1/2024 9:00	814.72	0
1556352	1/31/2024 19:25	2/1/2024 9:00	814.32	0
455994	1/31/2024 19:25	2/1/2024 9:00	814.78	0
1349083	1/31/2024 19:25	2/1/2024 9:00	814.72	0
553755	1/31/2024 19:25	2/1/2024 9:00	814.78	0

808829	1/31/2024 19:25	2/1/2024 9:00	814.83	0
1346455	1/31/2024 19:25	2/1/2024 9:00	814.72	0
508593	1/31/2024 19:26	2/1/2024 9:00	813.78	0
317233	1/31/2024 19:26	2/1/2024 8:49	803	0
8604423	1/31/2024 19:26	1/31/2024 20:14	48	0
859747	1/31/2024 19:26	2/1/2024 9:00	813.83	0
346288	1/31/2024 19:26	2/1/2024 9:00	813.92	0
1551513	1/31/2024 19:26	2/1/2024 9:00	813.32	0
1664433	1/31/2024 19:26	2/1/2024 9:00	813.83	0
1552154	1/31/2024 19:26	2/1/2024 9:00	813.32	0
1556565	1/31/2024 19:26	2/1/2024 9:00	813.32	0
1433348	1/31/2024 19:26	2/1/2024 8:07	761	0
1378128	1/31/2024 19:26	2/1/2024 9:00	813.72	0
561672	1/31/2024 19:26	2/1/2024 9:00	813.78	0
509102	1/31/2024 19:26	2/1/2024 9:00	813.78	0
980132	1/31/2024 19:26	2/1/2024 9:00	813.73	0
455345	1/31/2024 19:26	2/1/2024 9:00	813.78	0
29635	1/31/2024 19:26	2/1/2024 9:00	813.92	0
1353525	1/31/2024 19:27	2/1/2024 9:00	812.72	0
1515733	1/31/2024 19:27	2/1/2024 9:00	812.32	0
1346671	1/31/2024 19:27	2/1/2024 9:00	812.72	0
1549436	1/31/2024 19:27	2/1/2024 9:00	812.32	0
1555268	1/31/2024 19:27	2/1/2024 9:00	812.32	0
353651	1/31/2024 19:27	2/1/2024 9:00	812.92	0
1430838	1/31/2024 19:27	2/1/2024 9:00	812.32	0
1465282	1/31/2024 19:27	2/1/2024 8:09	762	0
1355729	1/31/2024 19:27	2/1/2024 9:00	812.72	0
196408	1/31/2024 19:27	2/1/2024 9:00	812.92	0
8068454	1/31/2024 19:27	2/1/2024 9:00	812.78	0
47769	1/31/2024 19:28	2/1/2024 9:00	811.92	0
342796	1/31/2024 19:28	2/1/2024 9:00	811.92	0
10659831	1/31/2024 19:28	2/1/2024 9:00	811.32	0
315169	1/31/2024 19:28	2/1/2024 8:34	786	0
1557188	1/31/2024 19:28	2/1/2024 8:51	803	0
347230	1/31/2024 19:28	2/1/2024 9:00	811.92	0
446329	1/31/2024 19:28	2/1/2024 9:00	811.78	0
1466445	1/31/2024 19:28	2/1/2024 7:54	746	0
314188	1/31/2024 19:28	2/1/2024 8:35	787	0
1469270	1/31/2024 19:28	2/1/2024 8:40	792	0
10510361	1/31/2024 19:28	2/1/2024 9:00	811.92	0
315346	1/31/2024 19:28	2/1/2024 9:00	811.92	0
23566	1/31/2024 19:28	2/1/2024 9:00	811.92	0
27852	1/31/2024 19:29	2/1/2024 9:00	810.92	0
314899	1/31/2024 19:29	2/1/2024 9:00	810.92	0
1514004	1/31/2024 19:29	2/1/2024 9:00	810.32	0
1394365	1/31/2024 19:29	2/1/2024 9:00	810.72	0
315088	1/31/2024 19:29	2/1/2024 9:00	810.92	0

1556486	1/31/2024 19:29	2/1/2024 9:00	810.32	0
199354	1/31/2024 19:29	2/1/2024 9:00	810.92	0
8524544	1/31/2024 19:29	2/1/2024 9:00	810.92	0
1494722	1/31/2024 19:29	2/1/2024 9:00	810.72	0
29848	1/31/2024 19:29	2/1/2024 9:00	810.92	0
1346665	1/31/2024 19:29	2/1/2024 9:00	810.72	0
65245	1/31/2024 19:29	2/1/2024 9:00	810.92	0
8104722	1/31/2024 19:29	2/1/2024 9:00	810.92	0
197883	1/31/2024 19:29	2/1/2024 9:00	810.92	0
1351588	1/31/2024 19:29	2/1/2024 8:58	809	0
1310926	1/31/2024 19:29	2/1/2024 9:00	810.72	0
26921	1/31/2024 19:29	2/1/2024 9:00	810.92	0
324290	1/31/2024 19:29	2/1/2024 9:00	810.92	0
6761269	1/31/2024 19:29	2/1/2024 9:00	810.92	0
328113	1/31/2024 19:29	2/1/2024 9:00	810.92	0
1535397	1/31/2024 19:29	2/1/2024 9:00	810.32	0
317797	1/31/2024 19:30	2/1/2024 8:46	796	0
199337	1/31/2024 19:30	2/1/2024 9:00	809.92	0
574596	1/31/2024 19:30	2/1/2024 9:00	809.78	0
23462	1/31/2024 19:30	2/1/2024 9:00	809.92	0
317195	1/31/2024 19:30	2/1/2024 8:17	767	0
1535304	1/31/2024 19:30	2/1/2024 9:00	809.32	0
28509	1/31/2024 19:31	2/1/2024 9:00	808.92	0
309265	1/31/2024 19:31	2/1/2024 9:00	808.92	0
275018	1/31/2024 19:31	2/1/2024 9:00	808.92	0
70866	1/31/2024 19:31	2/1/2024 9:00	808.92	0
274059	1/31/2024 19:31	2/1/2024 9:00	808.92	0
1557676	1/31/2024 19:31	2/1/2024 9:00	808.32	0
314945	1/31/2024 19:31	2/1/2024 8:15	764	0
1348976	1/31/2024 19:31	2/1/2024 9:00	808.72	0
196965	1/31/2024 19:31	2/1/2024 9:00	808.92	0
1394324	1/31/2024 19:31	2/1/2024 9:00	808.72	0
1557303	1/31/2024 19:31	2/1/2024 8:46	795	0
1604432	1/31/2024 19:31	2/1/2024 9:00	808.32	0
9063373	1/31/2024 19:31	2/1/2024 9:00	808.72	0
325050	1/31/2024 19:31	2/1/2024 9:00	808.92	0
195839	1/31/2024 19:31	2/1/2024 9:00	808.92	0
1547692	1/31/2024 19:32	2/1/2024 9:00	807.32	0
21820	1/31/2024 19:32	2/1/2024 9:00	807.92	0
523489	1/31/2024 19:32	2/1/2024 9:00	807.92	0
21306	1/31/2024 19:32	2/1/2024 9:00	807.92	0
197561	1/31/2024 19:32	2/1/2024 9:00	807.92	0
8387677	1/31/2024 19:32	2/1/2024 9:00	807.92	0
318402	1/31/2024 19:32	2/1/2024 9:00	807.92	0
34832	1/31/2024 19:32	2/1/2024 9:00	807.92	0
1554218	1/31/2024 19:33	2/1/2024 8:48	795	0
1683861	1/31/2024 19:33	2/1/2024 9:00	806.92	0

315730	1/31/2024 19:33	2/1/2024 8:35	782	0
26864	1/31/2024 19:33	2/1/2024 9:00	806.92	0
315345	1/31/2024 19:33	2/1/2024 9:00	806.92	0
197690	1/31/2024 19:33	2/1/2024 9:00	806.92	0
7178975	1/31/2024 19:33	2/1/2024 8:35	782	0
68308	1/31/2024 19:33	2/1/2024 9:00	806.92	0
30471	1/31/2024 19:33	2/1/2024 9:00	806.92	0
34887	1/31/2024 19:34	2/1/2024 9:00	805.92	0
34905	1/31/2024 19:34	2/1/2024 9:00	805.92	0
324249	1/31/2024 19:34	2/1/2024 9:00	805.92	0
169731	1/31/2024 19:34	2/1/2024 9:00	805.92	0
323657	1/31/2024 19:34	2/1/2024 9:00	805.92	0
274125	1/31/2024 19:34	2/1/2024 9:00	805.92	0
346967	1/31/2024 19:34	2/1/2024 9:00	805.92	0
567126	1/31/2024 19:34	2/1/2024 9:00	805.78	0
174362	1/31/2024 19:34	2/1/2024 9:00	805.92	0
267537	1/31/2024 19:34	2/1/2024 9:00	805.92	0
320966	1/31/2024 19:35	2/1/2024 9:00	804.92	0
281235	1/31/2024 19:35	2/1/2024 9:00	804.92	0
1523524	1/31/2024 19:35	2/1/2024 9:00	804.32	0
353082	1/31/2024 19:35	2/1/2024 9:00	804.92	0
1375642	1/31/2024 19:35	2/1/2024 9:00	804.72	0
1556246	1/31/2024 19:35	2/1/2024 9:00	804.32	0
323747	1/31/2024 19:35	2/1/2024 9:00	804.92	0
1641091	1/31/2024 19:36	2/1/2024 9:00	803.32	0
1556243	1/31/2024 19:36	2/1/2024 9:00	803.32	0
313269	1/31/2024 19:36	2/1/2024 9:00	803.92	0
27483	1/31/2024 19:36	2/1/2024 9:00	803.92	0
8148103	1/31/2024 19:36	2/1/2024 9:00	803.92	0
8495802	1/31/2024 19:36	2/1/2024 9:00	803.32	0
27443	1/31/2024 19:37	2/1/2024 9:00	802.92	0
317126	1/31/2024 19:37	2/1/2024 9:00	802.92	0
197629	1/31/2024 19:37	2/1/2024 9:00	802.92	0
25066	1/31/2024 19:37	2/1/2024 9:00	802.92	0
308032	1/31/2024 19:37	2/1/2024 9:00	802.92	0
197356	1/31/2024 19:38	2/1/2024 9:00	801.92	0
189581	1/31/2024 19:38	2/1/2024 9:00	801.92	0
49209	1/31/2024 19:38	2/1/2024 9:00	801.92	0
315306	1/31/2024 19:38	2/1/2024 9:00	801.92	0
317084	1/31/2024 19:38	2/1/2024 9:00	801.92	0
353371	1/31/2024 19:38	2/1/2024 9:00	801.92	0
1556434	1/31/2024 19:38	2/1/2024 9:00	801.32	0
308802	1/31/2024 19:38	2/1/2024 9:00	801.92	0
51957	1/31/2024 19:38	2/1/2024 9:00	801.92	0
309944	1/31/2024 19:38	2/1/2024 9:00	801.92	0
449377	1/31/2024 19:39	1/31/2024 19:55	16	0
7902724	1/31/2024 19:39	2/1/2024 8:31	772	0

345647	1/31/2024 19:39	2/1/2024 9:00	800.92	0
316997	1/31/2024 19:39	2/1/2024 9:00	800.92	0
10393495	1/31/2024 19:39	2/1/2024 9:00	800.92	0
35442	1/31/2024 19:40	2/1/2024 9:00	799.92	0
125572	1/31/2024 19:40	2/1/2024 9:00	799.92	0
353728	1/31/2024 19:40	2/1/2024 9:00	799.92	0
324045	1/31/2024 19:43	2/1/2024 9:00	796.92	0
411053	1/31/2024 19:46	2/1/2024 9:00	793.78	0
449377	1/31/2024 19:55	1/31/2024 20:16	21	0
8604423	1/31/2024 20:14	1/31/2024 20:53	39	0
449377	1/31/2024 20:16	1/31/2024 23:04	168	0
8604423	1/31/2024 20:53	1/31/2024 21:11	18	0
549259	1/31/2024 21:09	2/1/2024 9:00	710.78	0
8604423	1/31/2024 21:11	1/31/2024 21:43	32	0
8604423	1/31/2024 21:43	1/31/2024 22:09	26	0
1321750	1/31/2024 22:02	2/1/2024 9:00	657.72	0
8604423	1/31/2024 22:09	1/31/2024 23:02	53	0
1434316	1/31/2024 22:56	2/1/2024 9:00	603.32	0
8604423	1/31/2024 23:02	2/1/2024 0:20	78	0
449377	1/31/2024 23:04	1/31/2024 23:46	42	0
449377	1/31/2024 23:46	2/1/2024 0:23	37	0
1320619	2/1/2024 0:15	2/1/2024 9:00	524.72	0
8604423	2/1/2024 0:20	2/1/2024 1:02	42	0
449377	2/1/2024 0:23	2/1/2024 1:26	63	0
8604423	2/1/2024 1:02	2/1/2024 1:18	16	0
8604423	2/1/2024 1:18	2/1/2024 2:20	62	0
449377	2/1/2024 1:26	2/1/2024 1:42	16	0
449377	2/1/2024 1:42	2/1/2024 2:50	68	0
8604423	2/1/2024 2:20	2/1/2024 2:37	17	0
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449377	2/1/2024 3:42	2/1/2024 3:53	11	0
449377	2/1/2024 3:53	2/1/2024 4:35	42	0
8604423	2/1/2024 4:01	2/1/2024 4:43	42	0
449377	2/1/2024 4:35	2/1/2024 5:06	31	0
8604423	2/1/2024 4:43	2/1/2024 4:58	15	0
8604423	2/1/2024 4:58	2/1/2024 6:06	68	0
449377	2/1/2024 5:06	2/1/2024 6:25	79	0
8604423	2/1/2024 6:06	2/1/2024 7:31	85	0
449377	2/1/2024 6:25	2/1/2024 6:51	26	0
449377	2/1/2024 6:51	2/1/2024 7:23	32	0
449377	2/1/2024 7:23	2/1/2024 7:39	16	0
8604423	2/1/2024 7:31	2/1/2024 8:08	37	0
449377	2/1/2024 7:39	2/1/2024 8:10	31	0
1444809	2/1/2024 7:54	2/1/2024 9:00	65.32	0

1466445	2/1/2024 7:54	2/1/2024 9:00	65.32	0
1376158	2/1/2024 7:58	2/1/2024 9:00	61.72	0
1433348	2/1/2024 8:07	2/1/2024 9:00	52.32	0
1548218	2/1/2024 8:07	2/1/2024 9:00	52.32	0
8604423	2/1/2024 8:08	2/1/2024 8:38	30	0
1465282	2/1/2024 8:09	2/1/2024 9:00	50.32	0
1445317	2/1/2024 8:09	2/1/2024 9:00	50.32	0
449377	2/1/2024 8:10	2/1/2024 9:00	49.78	0
1432940	2/1/2024 8:11	2/1/2024 9:00	48.32	0
1465391	2/1/2024 8:12	2/1/2024 9:00	47.32	0
314945	2/1/2024 8:15	2/1/2024 9:00	44.92	0
317195	2/1/2024 8:17	2/1/2024 9:00	42.92	0
1548014	2/1/2024 8:22	2/1/2024 9:00	37.32	0
1466638	2/1/2024 8:24	2/1/2024 9:00	35.32	0
664832	2/1/2024 8:26	2/1/2024 9:00	33.83	0
7902724	2/1/2024 8:31	2/1/2024 8:47	16	0
315169	2/1/2024 8:34	2/1/2024 9:00	25.92	0
315730	2/1/2024 8:35	2/1/2024 9:00	24.92	0
314188	2/1/2024 8:35	2/1/2024 9:00	24.92	0
7178975	2/1/2024 8:35	2/1/2024 9:00	24.92	0
1547917	2/1/2024 8:37	2/1/2024 9:00	22.32	0
8604423	2/1/2024 8:38	2/1/2024 9:00	21.78	0
1469850	2/1/2024 8:39	2/1/2024 9:00	20.32	0
1469956	2/1/2024 8:39	2/1/2024 9:00	20.32	0
1469270	2/1/2024 8:40	2/1/2024 9:00	19.32	0
317797	2/1/2024 8:46	2/1/2024 9:00	13.92	0
1557303	2/1/2024 8:46	2/1/2024 9:00	13.32	0
7902724	2/1/2024 8:47	2/1/2024 9:00	12.92	0
1554218	2/1/2024 8:48	2/1/2024 9:00	11.32	0
317233	2/1/2024 8:49	2/1/2024 9:00	10.92	0
1557188	2/1/2024 8:51	2/1/2024 9:00	8.32	0
1350104	2/1/2024 8:54	2/1/2024 9:00	5.72	0
1351588	2/1/2024 8:58	2/1/2024 9:00	1.72	0
1349766	2/1/2024 9:00	2/2/2024 9:00	1439.72	0
1552447	2/1/2024 9:00	2/2/2024 9:00	1439.32	0
1516786	2/1/2024 9:00	2/1/2024 15:05	365	0
1349032	2/1/2024 9:00	2/2/2024 9:00	1439.72	0
1394324	2/1/2024 9:00	2/1/2024 19:24	624	0
554089	2/1/2024 9:00	2/2/2024 9:00	1439.78	0
7902724	2/1/2024 9:00	2/1/2024 10:22	82	0
7194273	2/1/2024 9:00	2/2/2024 9:00	1439.32	0
8668965	2/1/2024 9:00	2/1/2024 11:22	142	0
353728	2/1/2024 9:00	2/1/2024 11:09	129	0
66685	2/1/2024 9:00	2/2/2024 9:00	1439.92	0
1680798	2/1/2024 9:00	2/1/2024 17:45	525	0
319279	2/1/2024 9:00	2/2/2024 9:00	1439.92	0
997397	2/1/2024 9:00	2/1/2024 10:35	95	0

574993	2/1/2024 9:00	2/1/2024 10:51	111	0
675499	2/1/2024 9:00	2/1/2024 11:16	136	0
1453263	2/1/2024 9:00	2/1/2024 14:11	311	0
1702895	2/1/2024 9:00	2/2/2024 9:00	1439.72	0
8766703	2/1/2024 9:00	2/2/2024 9:00	1439.73	0
447406	2/1/2024 9:00	2/2/2024 9:00	1439.78	0
346347	2/1/2024 9:01	2/1/2024 11:44	163	0
558031	2/1/2024 9:02	2/1/2024 10:15	73	0
266950	2/1/2024 9:03	2/1/2024 14:34	331	0
267439	2/1/2024 9:03	2/1/2024 14:34	331	0
971524	2/1/2024 9:05	2/1/2024 10:50	105	0
624628	2/1/2024 9:05	2/1/2024 10:51	106	0
627289	2/1/2024 9:05	2/1/2024 10:50	105	0
1552990	2/1/2024 9:06	2/2/2024 9:00	1433.32	0
1516579	2/1/2024 9:06	2/1/2024 10:51	105	0
624953	2/1/2024 9:06	2/1/2024 10:50	104	0
1548091	2/1/2024 9:06	2/1/2024 14:31	325	0
509233	2/1/2024 9:07	2/1/2024 11:36	149	0
1444809	2/1/2024 9:07	2/1/2024 19:16	609	0
627018	2/1/2024 9:07	2/1/2024 10:52	105	0
8950281	2/1/2024 9:07	2/1/2024 15:04	357	0
267367	2/1/2024 9:07	2/1/2024 14:37	330	0
1333801	2/1/2024 9:08	2/1/2024 14:07	299	0
562202	2/1/2024 9:08	2/2/2024 9:00	1431.78	0
1513541	2/1/2024 9:08	2/2/2024 9:00	1431.32	0
6761269	2/1/2024 9:08	2/1/2024 10:11	63	0
1432940	2/1/2024 9:08	2/1/2024 14:07	299	0
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1469956	2/1/2024 9:10	2/1/2024 19:14	604	0
1433348	2/1/2024 9:10	2/1/2024 14:09	299	0
1469850	2/1/2024 9:11	2/1/2024 19:14	603	0
8511623	2/1/2024 9:11	2/1/2024 19:24	613	0
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1466445	2/1/2024 9:12	2/1/2024 19:21	609	0
1469270	2/1/2024 9:12	2/1/2024 19:21	609	0
980398	2/1/2024 9:14	2/1/2024 19:07	593.2	0
317195	2/1/2024 9:14	2/1/2024 10:33	79	0
318402	2/1/2024 9:16	2/1/2024 19:25	609	0
1557188	2/1/2024 9:17	2/1/2024 11:49	152	0
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1376158	2/1/2024 9:17	2/1/2024 12:47	210	0
317084	2/1/2024 9:17	2/1/2024 19:37	620	0
1557303	2/1/2024 9:18	2/1/2024 11:50	152	0
523489	2/1/2024 9:18	2/1/2024 19:27	609	0
314945	2/1/2024 9:18	2/1/2024 19:32	614	0

8104722	2/1/2024 9:19	2/1/2024 19:27	608	0
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314899	2/1/2024 9:19	2/1/2024 19:22	603	0
1554218	2/1/2024 9:19	2/1/2024 11:51	152	0
1321605	2/1/2024 9:25	2/1/2024 11:41	136	0
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810130	2/1/2024 9:27	2/1/2024 14:31	304	0
808384	2/1/2024 9:27	2/1/2024 14:32	305	0
320966	2/1/2024 9:30	2/1/2024 14:35	305	0
315345	2/1/2024 9:30	2/1/2024 19:28	598	0
317233	2/1/2024 9:31	2/1/2024 19:24	593	0
315169	2/1/2024 9:32	2/1/2024 10:03	31	0
315346	2/1/2024 9:32	2/1/2024 19:25	593	0
317797	2/1/2024 9:33	2/1/2024 19:27	594	0
314188	2/1/2024 9:33	2/1/2024 10:04	31	0
7178975	2/1/2024 9:33	2/1/2024 10:04	31	0
315730	2/1/2024 9:33	2/1/2024 10:04	31	0
1430644	2/1/2024 9:34	2/1/2024 19:16	582	0
1394365	2/1/2024 9:34	2/1/2024 19:21	587.22	0
9063373	2/1/2024 9:36	2/1/2024 19:24	588	0
11081884	2/1/2024 9:37	2/1/2024 10:22	45	0
1466638	2/1/2024 9:37	2/1/2024 11:38	121	0
506261	2/1/2024 9:38	2/1/2024 11:39	121	0.05
1465703	2/1/2024 9:38	2/1/2024 11:38	120	0
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1351588	2/1/2024 9:40	2/1/2024 11:40	120	0
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808829	2/1/2024 9:40	2/1/2024 14:33	293	0
1350104	2/1/2024 9:41	2/1/2024 11:42	121	0
29635	2/1/2024 9:41	2/1/2024 10:29	48	0
1466357	2/1/2024 9:42	2/1/2024 19:14	572	0
1511251	2/1/2024 9:42	2/1/2024 10:07	25	0
1494722	2/1/2024 9:45	2/1/2024 19:32	587.22	0
1393699	2/1/2024 9:45	2/1/2024 19:06	561.22	0
1430838	2/1/2024 9:46	2/1/2024 19:18	572	0
1556565	2/1/2024 9:47	2/1/2024 11:48	121	0
1430553	2/1/2024 9:47	2/1/2024 19:19	572	0
561757	2/1/2024 9:48	2/1/2024 10:19	31	0
4173986	2/1/2024 9:49	2/1/2024 19:31	582	0
945898	2/1/2024 9:49	2/1/2024 11:34	105	0
1556434	2/1/2024 9:49	2/1/2024 11:50	121	0
276488	2/1/2024 9:50	2/1/2024 19:33	583	0
1556486	2/1/2024 9:50	2/1/2024 11:51	121	0
1604432	2/1/2024 9:50	2/1/2024 19:23	573	0
500173	2/1/2024 9:50	2/1/2024 19:22	572	0
196408	2/1/2024 9:50	2/1/2024 10:06	16	0
498070	2/1/2024 9:50	2/1/2024 19:27	577	0

197629	2/1/2024 9:51	2/1/2024 10:06	15	0
10393495	2/1/2024 9:51	2/1/2024 19:34	583	0.21
275018	2/1/2024 9:51	2/1/2024 19:26	575	0
510974	2/1/2024 9:51	2/1/2024 11:41	110	0
274522	2/1/2024 9:51	2/1/2024 19:26	575	0
574596	2/1/2024 9:51	2/1/2024 11:41	110	0
195666	2/1/2024 9:51	2/1/2024 10:07	16	0
281235	2/1/2024 9:51	2/1/2024 19:35	584	0
1077082	2/1/2024 9:52	2/1/2024 19:25	573	0
195839	2/1/2024 9:52	2/1/2024 10:08	16	0
275495	2/1/2024 9:52	2/1/2024 19:34	582	0
1309098	2/1/2024 9:53	2/1/2024 14:26	273	0
1463520	2/1/2024 9:53	2/1/2024 19:15	562	0
1463680	2/1/2024 9:54	2/1/2024 19:10	556	0
1190246	2/1/2024 9:54	2/1/2024 19:16	562	0
197883	2/1/2024 9:54	2/1/2024 10:05	11	0
279833	2/1/2024 9:54	2/1/2024 19:27	573	0
1467272	2/1/2024 9:54	2/1/2024 19:21	567	0
1320008	2/1/2024 9:55	2/1/2024 11:40	105	0
1310926	2/1/2024 9:56	2/1/2024 14:24	268	0
1346410	2/1/2024 9:58	2/1/2024 19:08	550.22	0
1346671	2/1/2024 9:58	2/1/2024 19:25	567	0
430114	2/1/2024 9:59	2/1/2024 11:34	95	0
601397	2/1/2024 10:02	2/1/2024 11:47	105	0
605186	2/1/2024 10:02	2/1/2024 11:46	104	0
1430294	2/1/2024 10:03	2/1/2024 19:14	551	0
315169	2/1/2024 10:03	2/1/2024 19:25	562	0
315730	2/1/2024 10:04	2/1/2024 19:31	567	0
314188	2/1/2024 10:04	2/1/2024 19:26	562	0
49209	2/1/2024 10:04	2/1/2024 14:17	253	0
7178975	2/1/2024 10:04	2/1/2024 19:31	567	0
1683861	2/1/2024 10:04	2/1/2024 10:50	46	0
69207	2/1/2024 10:05	2/1/2024 10:52	47	0
455994	2/1/2024 10:05	2/1/2024 11:18	73	0
47769	2/1/2024 10:05	2/1/2024 14:17	252	0
198082	2/1/2024 10:05	2/1/2024 10:36	31	0
193420	2/1/2024 10:05	2/2/2024 9:00	1374.92	0
197883	2/1/2024 10:05	2/1/2024 19:27	562	0
68620	2/1/2024 10:06	2/1/2024 10:48	42	0
197629	2/1/2024 10:06	2/1/2024 19:33	567	0
196408	2/1/2024 10:06	2/1/2024 19:25	559	0
8972545	2/1/2024 10:06	2/1/2024 19:17	551	0
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1412757	2/1/2024 10:07	2/1/2024 19:22	555.22	0
1265778	2/1/2024 10:07	2/1/2024 19:01	534.22	0
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195666	2/1/2024 10:07	2/1/2024 10:54	47	0

195839	2/1/2024 10:08	2/1/2024 19:22	554	0
342796	2/1/2024 10:10	2/1/2024 19:26	556	0
381982	2/1/2024 10:10	2/1/2024 10:16	6	0
346967	2/1/2024 10:11	2/1/2024 19:31	560	0
8910809	2/1/2024 10:11	2/1/2024 19:27	556	0
1511264	2/1/2024 10:11	2/1/2024 19:17	546	0
6761269	2/1/2024 10:11	2/1/2024 19:28	557	0
7879030	2/1/2024 10:12	2/1/2024 19:24	552	0
346288	2/1/2024 10:14	2/1/2024 19:25	551	0
380057	2/1/2024 10:15	2/1/2024 19:29	554	0
558031	2/1/2024 10:15	2/1/2024 15:04	289	0
6995795	2/1/2024 10:15	2/1/2024 19:26	551	0
315306	2/1/2024 10:15	2/1/2024 19:31	556	0
345647	2/1/2024 10:16	2/1/2024 19:37	561	0
316997	2/1/2024 10:16	2/1/2024 19:32	556	0
315088	2/1/2024 10:16	2/1/2024 19:27	551	0
381982	2/1/2024 10:16	2/1/2024 19:28	552	0
8524544	2/1/2024 10:16	2/1/2024 19:28	552	0
313269	2/1/2024 10:17	2/1/2024 19:34	557	0
449377	2/1/2024 10:17	2/1/2024 10:22	5	0
980132	2/1/2024 10:17	2/1/2024 19:04	527.2	0
8148103	2/1/2024 10:18	2/1/2024 19:34	556	0
726904	2/1/2024 10:18	2/2/2024 9:00	1361.83	0
8495805	2/1/2024 10:19	2/1/2024 19:30	551	0
561672	2/1/2024 10:19	2/1/2024 19:30	551	0
561757	2/1/2024 10:19	2/1/2024 15:03	284	0
624716	2/1/2024 10:19	2/1/2024 11:37	78	0
8387677	2/1/2024 10:19	2/1/2024 10:30	11	0
449036	2/1/2024 10:20	2/1/2024 12:47	147	0.02
197561	2/1/2024 10:20	2/1/2024 19:25	545	0.14
68308	2/1/2024 10:20	2/1/2024 10:35	15	0
11081884	2/1/2024 10:22	2/1/2024 19:31	549	0
7902724	2/1/2024 10:22	2/1/2024 10:32	10	0
449377	2/1/2024 10:22	2/1/2024 10:32	10	0
626477	2/1/2024 10:24	2/1/2024 11:37	73	0
1664433	2/1/2024 10:24	2/1/2024 12:51	147	0
656343	2/1/2024 10:25	2/1/2024 19:10	525	0
955448	2/1/2024 10:25	2/1/2024 14:27	242	0
8486022	2/1/2024 10:26	2/1/2024 19:16	530	0
34905	2/1/2024 10:27	2/1/2024 10:42	15	0
1446401	2/1/2024 10:27	2/1/2024 19:06	519	0
954332	2/1/2024 10:27	2/1/2024 14:29	242	0
29848	2/1/2024 10:27	2/1/2024 10:42	15	0
189581	2/1/2024 10:27	2/1/2024 19:31	544	0
658658	2/1/2024 10:27	2/1/2024 19:11	524	0
28509	2/1/2024 10:27	2/1/2024 10:43	16	0
27852	2/1/2024 10:27	2/1/2024 10:42	15	0

27483	2/1/2024 10:28	2/1/2024 10:44	16	0
954637	2/1/2024 10:28	2/1/2024 14:30	242	0
30471	2/1/2024 10:29	2/1/2024 10:51	22	0
29635	2/1/2024 10:29	2/1/2024 10:44	15	0
956968	2/1/2024 10:29	2/1/2024 14:30	241	0
8387677	2/1/2024 10:30	2/1/2024 19:30	540	0
593798	2/1/2024 10:31	2/1/2024 19:20	529	0
51957	2/1/2024 10:31	2/1/2024 19:37	546	0.15
1463218	2/1/2024 10:32	2/1/2024 11:35	63	0
7902724	2/1/2024 10:32	2/1/2024 10:48	16	0
593397	2/1/2024 10:32	2/1/2024 19:21	529	0
449377	2/1/2024 10:32	2/1/2024 11:40	68	0
995564	2/1/2024 10:32	2/1/2024 19:07	515.2	0
454861	2/1/2024 10:32	2/1/2024 11:03	31	0
456099	2/1/2024 10:33	2/1/2024 11:04	31	0
593366	2/1/2024 10:33	2/1/2024 19:16	523	0
457978	2/1/2024 10:33	2/1/2024 11:05	32	0
317195	2/1/2024 10:33	2/1/2024 15:48	315	0
1464949	2/1/2024 10:34	2/1/2024 11:38	64	0
277301	2/1/2024 10:34	2/1/2024 19:35	541	0
70866	2/1/2024 10:35	2/1/2024 10:51	16	0
1515733	2/1/2024 10:35	2/1/2024 11:38	63	0
68308	2/1/2024 10:35	2/1/2024 19:26	531	0
997397	2/1/2024 10:35	2/1/2024 19:09	514.2	0
645339	2/1/2024 10:35	2/1/2024 11:38	63	0.09
454901	2/1/2024 10:36	2/1/2024 11:02	26	0
198082	2/1/2024 10:36	2/1/2024 10:52	16	0
455345	2/1/2024 10:36	2/1/2024 11:07	31	0
1672784	2/1/2024 10:36	2/2/2024 9:00	1343.78	0.04
277818	2/1/2024 10:37	2/1/2024 19:27	530	0
324290	2/1/2024 10:37	2/1/2024 19:22	525	0
323657	2/1/2024 10:37	2/1/2024 19:28	531	0
323747	2/1/2024 10:38	2/1/2024 19:33	535	0
324249	2/1/2024 10:38	2/1/2024 19:26	528	0
803317	2/1/2024 10:39	2/1/2024 11:27	48	0
325050	2/1/2024 10:39	2/1/2024 19:29	530	0
1320619	2/1/2024 10:40	2/1/2024 11:32	52	0
1320646	2/1/2024 10:40	2/1/2024 11:27	47	0
274125	2/1/2024 10:40	2/1/2024 19:35	535	0
26864	2/1/2024 10:41	2/1/2024 14:27	226	0
804498	2/1/2024 10:41	2/2/2024 9:00	1338.83	0
29748	2/1/2024 10:41	2/1/2024 19:24	523	0
353371	2/1/2024 10:41	2/1/2024 11:44	63	0
188789	2/1/2024 10:41	2/2/2024 9:00	1338.92	0
188843	2/1/2024 10:42	2/2/2024 9:00	1337.92	0
23566	2/1/2024 10:42	2/1/2024 14:43	241	0
27852	2/1/2024 10:42	2/1/2024 14:30	228	0

26921	2/1/2024 10:42	2/1/2024 19:27	525	0
34905	2/1/2024 10:42	2/1/2024 19:33	531	0
169731	2/1/2024 10:42	2/2/2024 9:00	1337.92	0
29848	2/1/2024 10:42	2/1/2024 14:44	242	0.01
1320845	2/1/2024 10:42	2/2/2024 9:00	1337.72	0
174362	2/1/2024 10:42	2/2/2024 9:00	1337.92	0
28509	2/1/2024 10:43	2/1/2024 14:42	239	0
1565203	2/1/2024 10:43	2/1/2024 11:46	63	0
35442	2/1/2024 10:43	2/1/2024 11:28	45	0
1378128	2/1/2024 10:43	2/1/2024 12:44	121	0
34832	2/1/2024 10:44	2/1/2024 11:26	42	0
188639	2/1/2024 10:44	2/1/2024 14:30	226	0
29635	2/1/2024 10:44	2/1/2024 19:24	520	0
34887	2/1/2024 10:44	2/1/2024 11:26	42	0
353082	2/1/2024 10:44	2/1/2024 11:47	63	0
25674	2/1/2024 10:44	2/1/2024 14:29	225	0
27483	2/1/2024 10:44	2/1/2024 14:46	242	0
23462	2/1/2024 10:45	2/1/2024 19:26	521	0
25066	2/1/2024 10:45	2/1/2024 14:42	237	0
353651	2/1/2024 10:46	2/1/2024 11:46	60	0
27443	2/1/2024 10:46	2/1/2024 19:31	525	0.02
7902724	2/1/2024 10:48	2/1/2024 11:04	16	0
619266	2/1/2024 10:48	2/1/2024 11:35	47	0
416557	2/1/2024 10:48	2/1/2024 19:12	504	0
70277	2/1/2024 10:48	2/1/2024 19:33	525	0
450309	2/1/2024 10:48	2/2/2024 9:00	1331.78	0
68620	2/1/2024 10:48	2/1/2024 19:31	523	0
1556243	2/1/2024 10:49	2/1/2024 11:52	63	0
572916	2/1/2024 10:50	2/1/2024 12:37	107	0
572882	2/1/2024 10:50	2/1/2024 12:40	110	0
324045	2/1/2024 10:50	2/1/2024 19:39	529	0.14
1683861	2/1/2024 10:50	2/1/2024 19:28	518	0
560127	2/1/2024 10:50	2/2/2024 9:00	1329.78	0.02
1557676	2/1/2024 10:50	2/1/2024 11:48	58	0
624953	2/1/2024 10:50	2/1/2024 11:22	32	0
627289	2/1/2024 10:50	2/1/2024 11:21	31	0
1556246	2/1/2024 10:50	2/1/2024 11:48	58	0
971524	2/1/2024 10:50	2/1/2024 11:22	32	0
624628	2/1/2024 10:51	2/1/2024 11:22	31	0
197690	2/1/2024 10:51	2/1/2024 19:25	514	0
574993	2/1/2024 10:51	2/1/2024 10:56	5	0
30471	2/1/2024 10:51	2/1/2024 14:41	230	0
70866	2/1/2024 10:51	2/1/2024 19:29	518	0
1516579	2/1/2024 10:51	2/1/2024 10:57	6	0
801004	2/1/2024 10:52	2/1/2024 11:39	47	0
10659831	2/1/2024 10:52	2/1/2024 19:16	504	0
69207	2/1/2024 10:52	2/1/2024 19:32	520	0

198082	2/1/2024 10:52	2/1/2024 19:32	520	0
274059	2/1/2024 10:52	2/1/2024 19:25	513	0
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627018	2/1/2024 10:52	2/1/2024 11:24	32	0
664453	2/1/2024 10:53	2/1/2024 10:58	5	0
511266	2/1/2024 10:53	2/1/2024 11:40	47	0
195666	2/1/2024 10:54	2/1/2024 19:23	509	0
508593	2/1/2024 10:54	2/1/2024 11:36	42	0
507365	2/1/2024 10:54	2/1/2024 11:36	42	0
800600	2/1/2024 10:54	2/1/2024 11:36	42	0
510307	2/1/2024 10:54	2/1/2024 11:36	42	0
989956	2/1/2024 10:55	2/1/2024 11:37	42	0
800588	2/1/2024 10:55	2/1/2024 11:42	47	0
574993	2/1/2024 10:56	2/1/2024 11:06	10	0
552210	2/1/2024 10:56	2/1/2024 11:38	42	0
1406535	2/1/2024 10:57	2/1/2024 19:26	509.22	0
1566872	2/1/2024 10:57	2/1/2024 11:36	39	0
1405290	2/1/2024 10:57	2/1/2024 19:26	509	0
1516579	2/1/2024 10:57	2/1/2024 11:08	11	0
664453	2/1/2024 10:58	2/1/2024 19:06	488	0
1564723	2/1/2024 10:59	2/1/2024 11:46	47	0
328113	2/1/2024 11:01	2/1/2024 11:17	16	0
454901	2/1/2024 11:02	2/1/2024 11:18	16	0
563721	2/1/2024 11:03	2/1/2024 19:27	504	0
454861	2/1/2024 11:03	2/1/2024 11:19	16	0
1416360	2/1/2024 11:03	2/2/2024 9:00	1316.72	0
1415828	2/1/2024 11:03	2/2/2024 9:00	1316.72	0
7902724	2/1/2024 11:04	2/1/2024 15:21	257	0
456099	2/1/2024 11:04	2/1/2024 11:20	16	0
1514004	2/1/2024 11:04	2/1/2024 11:46	42	0
457978	2/1/2024 11:05	2/1/2024 11:21	16	0
1431804	2/1/2024 11:05	2/1/2024 19:08	483	0
196965	2/1/2024 11:06	2/1/2024 19:24	498	0
574993	2/1/2024 11:06	2/1/2024 11:12	6	0
455629	2/1/2024 11:07	2/1/2024 11:17	10	0
455345	2/1/2024 11:07	2/1/2024 11:18	11	0
1516579	2/1/2024 11:08	2/1/2024 11:13	5	0
197356	2/1/2024 11:08	2/1/2024 19:31	503	0
1446785	2/1/2024 11:09	2/1/2024 19:19	490	0
353728	2/1/2024 11:09	2/1/2024 17:59	410	0
1407632	2/1/2024 11:10	2/1/2024 19:01	471	0
574993	2/1/2024 11:12	2/1/2024 11:22	10	0
1378582	2/1/2024 11:12	2/1/2024 19:07	475	0
1325831	2/1/2024 11:13	2/1/2024 14:17	184	0
1516579	2/1/2024 11:13	2/1/2024 11:23	10	0
1417279	2/1/2024 11:14	2/1/2024 11:51	37	0
1407628	2/1/2024 11:15	2/2/2024 9:00	1304.72	0

1407947	2/1/2024 11:15	2/1/2024 19:02	467	0
385332	2/1/2024 11:15	2/1/2024 19:16	481	0
1407881	2/1/2024 11:15	2/1/2024 18:59	464	0
675499	2/1/2024 11:16	2/1/2024 18:58	462	0
8495802	2/1/2024 11:16	2/1/2024 19:24	488	0
1378273	2/1/2024 11:16	2/1/2024 14:31	195	0
328113	2/1/2024 11:17	2/1/2024 11:48	31	0
455629	2/1/2024 11:17	2/1/2024 11:33	16	0
455994	2/1/2024 11:18	2/1/2024 11:34	16	0
455345	2/1/2024 11:18	2/1/2024 11:34	16	0
454901	2/1/2024 11:18	2/1/2024 11:34	16	0
267537	2/1/2024 11:19	2/1/2024 14:38	199	0
454861	2/1/2024 11:19	2/1/2024 11:35	16	0
456099	2/1/2024 11:20	2/1/2024 11:36	16	0
1556352	2/1/2024 11:21	2/1/2024 11:47	26	0
627289	2/1/2024 11:21	2/1/2024 11:37	16	0
1672454	2/1/2024 11:21	2/1/2024 19:25	484	0
1415622	2/1/2024 11:21	2/1/2024 19:24	483	0
457978	2/1/2024 11:21	2/1/2024 11:37	16	0
624953	2/1/2024 11:22	2/1/2024 11:38	16	0
574993	2/1/2024 11:22	2/1/2024 11:27	5	0
8668965	2/1/2024 11:22	2/1/2024 11:38	16	0
971524	2/1/2024 11:22	2/1/2024 11:36	14	0
8590289	2/1/2024 11:22	2/1/2024 11:38	16	0
1456419	2/1/2024 11:22	2/1/2024 12:41	79	0
624628	2/1/2024 11:22	2/1/2024 11:38	16	0
8068454	2/1/2024 11:22	2/1/2024 11:38	16	0
1516579	2/1/2024 11:23	2/1/2024 11:28	5	0
627018	2/1/2024 11:24	2/1/2024 11:40	16	0
21820	2/1/2024 11:25	2/1/2024 11:40	15	0
570022	2/1/2024 11:26	2/1/2024 19:19	473	0
34887	2/1/2024 11:26	2/1/2024 14:27	181	0
34832	2/1/2024 11:26	2/1/2024 14:29	183	0
21306	2/1/2024 11:26	2/1/2024 11:42	16	0
571420	2/1/2024 11:27	2/1/2024 19:20	473	0
803317	2/1/2024 11:27	2/1/2024 19:09	462	0
1320646	2/1/2024 11:27	2/1/2024 11:38	11	0
1385122	2/1/2024 11:27	2/1/2024 19:13	466.22	0
1493766	2/1/2024 11:27	2/1/2024 19:14	467	0
1385431	2/1/2024 11:27	2/1/2024 19:18	471.22	0
574993	2/1/2024 11:27	2/1/2024 11:38	11	0
24124	2/1/2024 11:27	2/1/2024 14:31	184	0
1516579	2/1/2024 11:28	2/1/2024 11:39	11	0
569420	2/1/2024 11:28	2/1/2024 19:08	460	0
547577	2/1/2024 11:28	2/1/2024 11:44	16	0
35442	2/1/2024 11:28	2/1/2024 14:28	180	0
1597556	2/1/2024 11:28	2/2/2024 9:00	1291.32	0

346135	2/1/2024 11:29	2/1/2024 11:44	15	0
347230	2/1/2024 11:29	2/1/2024 11:45	16	0
344958	2/1/2024 11:30	2/1/2024 11:46	16	0
346185	2/1/2024 11:30	2/1/2024 11:45	15	0
1670039	2/1/2024 11:30	2/1/2024 19:27	477	0
1375642	2/1/2024 11:30	2/1/2024 12:44	74	0
1599209	2/1/2024 11:31	2/2/2024 9:00	1288.32	0
1320619	2/1/2024 11:32	2/1/2024 11:43	11	0
328570	2/1/2024 11:32	2/1/2024 11:48	16	0
455629	2/1/2024 11:33	2/1/2024 11:48	15	0
1459057	2/1/2024 11:33	2/1/2024 19:04	451	0
945898	2/1/2024 11:34	2/1/2024 18:41	427	0
454901	2/1/2024 11:34	2/1/2024 11:50	16	0
623871	2/1/2024 11:34	2/1/2024 14:22	168	0
455345	2/1/2024 11:34	2/1/2024 11:51	17	0
455994	2/1/2024 11:34	2/1/2024 11:50	16	0
623069	2/1/2024 11:34	2/1/2024 14:20	166	0
430114	2/1/2024 11:34	2/1/2024 11:44	10	0
9313875	2/1/2024 11:35	2/1/2024 19:04	449	0
1463218	2/1/2024 11:35	2/1/2024 18:56	441	0
619266	2/1/2024 11:35	2/1/2024 11:51	16	0
454861	2/1/2024 11:35	2/1/2024 11:51	16	0.05
623612	2/1/2024 11:35	2/1/2024 14:23	168	0
800590	2/1/2024 11:36	2/1/2024 14:40	184	0
971524	2/1/2024 11:36	2/1/2024 14:25	169	0
507365	2/1/2024 11:36	2/1/2024 14:40	184	0
1566872	2/1/2024 11:36	2/1/2024 11:48	12	0
456099	2/1/2024 11:36	2/1/2024 11:51	15	0
800600	2/1/2024 11:36	2/1/2024 14:40	184	0
510307	2/1/2024 11:36	2/1/2024 14:40	184	0.03
509233	2/1/2024 11:36	2/1/2024 14:40	184	0
508593	2/1/2024 11:36	2/1/2024 14:40	184	0
1319739	2/1/2024 11:37	2/2/2024 9:00	1282.72	0
626477	2/1/2024 11:37	2/1/2024 14:20	163	0
624716	2/1/2024 11:37	2/1/2024 14:46	189	0
627289	2/1/2024 11:37	2/1/2024 14:25	168	0
989956	2/1/2024 11:37	2/1/2024 14:22	165	0
457978	2/1/2024 11:37	2/1/2024 11:52	15	0
8068454	2/1/2024 11:38	2/1/2024 14:36	178	0
552210	2/1/2024 11:38	2/1/2024 11:54	16	0
1515733	2/1/2024 11:38	2/1/2024 11:54	16	0
1465703	2/1/2024 11:38	2/1/2024 12:36	58	0
624628	2/1/2024 11:38	2/1/2024 14:31	173	0
574993	2/1/2024 11:38	2/1/2024 11:43	5	0
624953	2/1/2024 11:38	2/1/2024 14:26	168	0
1464949	2/1/2024 11:38	2/1/2024 19:19	461	0
645339	2/1/2024 11:38	2/1/2024 14:53	195	0

8590289	2/1/2024 11:38	2/1/2024 14:42	184	0
1320646	2/1/2024 11:38	2/1/2024 12:56	78	0
8668965	2/1/2024 11:38	2/1/2024 14:52	194	0
1466638	2/1/2024 11:38	2/1/2024 12:36	58	0
506261	2/1/2024 11:39	2/1/2024 14:41	182	0
1348476	2/1/2024 11:39	2/1/2024 19:05	446	0
1516579	2/1/2024 11:39	2/1/2024 11:44	5	0
801004	2/1/2024 11:39	2/1/2024 14:38	179	0
449377	2/1/2024 11:40	2/1/2024 12:43	63	0
1320008	2/1/2024 11:40	2/1/2024 12:54	74	0
1351588	2/1/2024 11:40	2/1/2024 14:44	184	0
21820	2/1/2024 11:40	2/1/2024 14:43	183	0
627018	2/1/2024 11:40	2/1/2024 14:21	161	0.04
511266	2/1/2024 11:40	2/1/2024 14:37	177	0
1321605	2/1/2024 11:41	2/1/2024 12:55	74	0
510974	2/1/2024 11:41	2/1/2024 14:40	179	0
1348379	2/1/2024 11:41	2/1/2024 19:23	462	0
1349502	2/1/2024 11:41	2/1/2024 14:39	178	0
1350598	2/1/2024 11:41	2/1/2024 14:44	183	0
574596	2/1/2024 11:41	2/1/2024 11:51	10	0
800588	2/1/2024 11:42	2/1/2024 14:41	179	0
21306	2/1/2024 11:42	2/1/2024 14:39	177	0
1350104	2/1/2024 11:42	2/1/2024 14:40	178	0
2032900	2/1/2024 11:42	2/1/2024 12:56	74	0
574993	2/1/2024 11:43	2/1/2024 11:53	10	0
1320619	2/1/2024 11:43	2/1/2024 13:40	117	0
346347	2/1/2024 11:44	2/1/2024 15:30	226	0
1516579	2/1/2024 11:44	2/1/2024 14:21	157	0
430114	2/1/2024 11:44	2/1/2024 12:00	16	0
346135	2/1/2024 11:44	2/1/2024 15:31	227	0
547577	2/1/2024 11:44	2/1/2024 15:29	225	0
353371	2/1/2024 11:44	2/1/2024 19:37	473	0
347230	2/1/2024 11:45	2/1/2024 15:31	226	0
346185	2/1/2024 11:45	2/1/2024 19:27	462	0
344958	2/1/2024 11:46	2/1/2024 15:31	225	0
605186	2/1/2024 11:46	2/1/2024 19:23	457	0
1514004	2/1/2024 11:46	2/1/2024 12:17	31	0
1564723	2/1/2024 11:46	2/1/2024 12:02	16	0
399291	2/1/2024 11:46	2/1/2024 19:33	467	0
1565203	2/1/2024 11:46	2/1/2024 12:02	16	0
353651	2/1/2024 11:46	2/1/2024 19:26	460	0
1556352	2/1/2024 11:47	2/1/2024 12:03	16	0
601397	2/1/2024 11:47	2/1/2024 14:35	168	0
353082	2/1/2024 11:47	2/1/2024 19:34	467	0
1556565	2/1/2024 11:48	2/1/2024 12:04	16	0
328570	2/1/2024 11:48	2/1/2024 13:17	89	0
1556246	2/1/2024 11:48	2/1/2024 12:03	15	0

1557676	2/1/2024 11:48	2/1/2024 12:04	16	0
328113	2/1/2024 11:48	2/1/2024 13:17	89	0
1566872	2/1/2024 11:48	2/1/2024 12:02	14	0
455629	2/1/2024 11:48	2/1/2024 12:20	32	0
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454901	2/1/2024 11:50	2/1/2024 12:21	31	0
1557303	2/1/2024 11:50	2/1/2024 12:06	16	0
455994	2/1/2024 11:50	2/1/2024 12:21	31	0
1556434	2/1/2024 11:50	2/1/2024 12:05	15	0
455345	2/1/2024 11:51	2/1/2024 14:20	149	0
454861	2/1/2024 11:51	2/1/2024 12:49	58	0.02
1417279	2/1/2024 11:51	2/1/2024 15:05	194	0
1556486	2/1/2024 11:51	2/1/2024 12:07	16	0
456099	2/1/2024 11:51	2/1/2024 12:49	58	0
345957	2/1/2024 11:51	2/1/2024 12:07	16	0
619266	2/1/2024 11:51	2/1/2024 14:23	152	0
574596	2/1/2024 11:51	2/1/2024 12:06	15	0
1554218	2/1/2024 11:51	2/1/2024 12:02	11	0
1417138	2/1/2024 11:52	2/1/2024 14:18	146	0
457978	2/1/2024 11:52	2/1/2024 12:19	27	0
1556243	2/1/2024 11:52	2/1/2024 12:03	11	0
574993	2/1/2024 11:53	2/1/2024 11:59	6	0
1515733	2/1/2024 11:54	2/1/2024 12:36	42	0
552210	2/1/2024 11:54	2/1/2024 12:10	16	0
574993	2/1/2024 11:59	2/1/2024 12:10	11	0
430114	2/1/2024 12:00	2/2/2024 9:00	1259.78	0
1566872	2/1/2024 12:02	2/1/2024 12:13	11	0
1565203	2/1/2024 12:02	2/1/2024 12:17	15	0
1554218	2/1/2024 12:02	2/1/2024 12:49	47	0
1564723	2/1/2024 12:02	2/1/2024 12:13	11	0
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1556246	2/1/2024 12:03	2/1/2024 12:51	48	0
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1557676	2/1/2024 12:04	2/1/2024 12:51	47	0
1557188	2/1/2024 12:05	2/1/2024 12:47	42	0
1556434	2/1/2024 12:05	2/1/2024 12:47	42	0
1557303	2/1/2024 12:06	2/1/2024 12:48	42	0
574596	2/1/2024 12:06	2/1/2024 13:56	110	0
345957	2/1/2024 12:07	2/1/2024 15:31	204	0
1556486	2/1/2024 12:07	2/1/2024 12:49	42	0
740241	2/1/2024 12:09	2/1/2024 15:35	206	0
658642	2/1/2024 12:09	2/1/2024 19:04	415	0
609850	2/1/2024 12:09	2/2/2024 9:00	1250.78	0
1518000	2/1/2024 12:09	2/2/2024 9:00	1250.32	0
1081237	2/1/2024 12:09	2/1/2024 19:32	443	0
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610737	2/1/2024 12:12	2/2/2024 9:00	1247.78	0
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1566872	2/1/2024 12:13	2/1/2024 14:30	137	0
574993	2/1/2024 12:14	2/1/2024 12:25	11	0
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486880	2/1/2024 12:19	2/2/2024 9:00	1240.78	0
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457729	2/1/2024 12:20	2/1/2024 12:51	31	0
455629	2/1/2024 12:20	2/1/2024 13:50	90	0
455994	2/1/2024 12:21	2/1/2024 12:54	33	0
454901	2/1/2024 12:21	2/1/2024 12:48	27	0
486985	2/1/2024 12:23	2/2/2024 9:00	1236.78	0
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574993	2/1/2024 12:30	2/1/2024 13:38	68	0
1465703	2/1/2024 12:36	2/1/2024 15:09	153	0
1515733	2/1/2024 12:36	2/1/2024 14:11	95	0
1466638	2/1/2024 12:36	2/1/2024 13:07	31	0
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572882	2/1/2024 12:40	2/1/2024 19:26	406	0
1456419	2/1/2024 12:41	2/1/2024 14:41	120	0
449377	2/1/2024 12:43	2/1/2024 13:10	27	0
1375642	2/1/2024 12:44	2/2/2024 9:00	1215.72	0
1378128	2/1/2024 12:44	2/1/2024 14:29	105	0
13912	2/1/2024 12:45	2/2/2024 9:00	1214.92	0
449036	2/1/2024 12:47	2/1/2024 13:03	16	0
1557188	2/1/2024 12:47	2/1/2024 15:51	184	0
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454901	2/1/2024 12:48	2/1/2024 13:50	62	0
1557303	2/1/2024 12:48	2/1/2024 15:51	183	0
454861	2/1/2024 12:49	2/1/2024 13:35	46	0
456099	2/1/2024 12:49	2/1/2024 13:37	48	0
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1554218	2/1/2024 12:49	2/1/2024 15:48	179	0
1556243	2/1/2024 12:50	2/2/2024 9:00	1209.32	0
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457729	2/1/2024 12:51	2/1/2024 13:49	58	0
1556565	2/1/2024 12:51	2/1/2024 15:49	178	0
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1557676	2/1/2024 12:51	2/2/2024 9:00	1208.32	0
1320008	2/1/2024 12:54	2/1/2024 14:38	104	0
455994	2/1/2024 12:54	2/1/2024 13:35	41	0
1321605	2/1/2024 12:55	2/1/2024 13:42	47	0

1320646	2/1/2024 12:56	2/1/2024 13:38	42	0
2032900	2/1/2024 12:56	2/1/2024 14:41	105	0
449036	2/1/2024 13:03	2/1/2024 14:21	78	0
1466638	2/1/2024 13:07	2/1/2024 13:39	32	0
449377	2/1/2024 13:10	2/1/2024 13:20	10	0
328113	2/1/2024 13:17	2/1/2024 14:05	48	0
328570	2/1/2024 13:17	2/2/2024 9:00	1182.92	0
903630	2/1/2024 13:19	2/1/2024 20:01	402	0
449377	2/1/2024 13:20	2/1/2024 14:23	63	0
1064514	2/1/2024 13:29	2/1/2024 14:48	79	0
454861	2/1/2024 13:35	2/1/2024 13:51	16	0
455994	2/1/2024 13:35	2/1/2024 14:22	47	0
456099	2/1/2024 13:37	2/1/2024 13:53	16	0
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574993	2/1/2024 13:38	2/1/2024 13:44	6	0
1466638	2/1/2024 13:39	2/1/2024 14:21	42	0
1320619	2/1/2024 13:40	2/1/2024 18:56	316.22	0
611761	2/1/2024 13:40	2/2/2024 9:00	1159.78	0
1321605	2/1/2024 13:42	2/1/2024 14:40	58	0
574993	2/1/2024 13:44	2/1/2024 13:54	10	0
457729	2/1/2024 13:49	2/1/2024 14:20	31	0
454901	2/1/2024 13:50	2/1/2024 14:22	32	0
1538577	2/1/2024 13:50	2/1/2024 19:20	330	0
455629	2/1/2024 13:50	2/1/2024 14:21	31	0
454861	2/1/2024 13:51	2/1/2024 14:18	27	0
1539391	2/1/2024 13:51	2/1/2024 19:22	331	0
456099	2/1/2024 13:53	2/1/2024 14:18	25	0
457978	2/1/2024 13:53	2/1/2024 14:24	31	0
574993	2/1/2024 13:54	2/1/2024 13:59	5	0
574596	2/1/2024 13:56	2/1/2024 14:11	15	0
574993	2/1/2024 13:59	2/1/2024 14:10	11	0
328113	2/1/2024 14:05	2/1/2024 19:30	325	0
1332906	2/1/2024 14:06	2/1/2024 14:53	47	0
1333801	2/1/2024 14:07	2/1/2024 14:55	48	0
1432940	2/1/2024 14:07	2/1/2024 14:23	16	0
1433348	2/1/2024 14:09	2/1/2024 14:25	16	0
574993	2/1/2024 14:10	2/1/2024 14:15	5	0
1453263	2/1/2024 14:11	2/1/2024 14:26	15	0
1515733	2/1/2024 14:11	2/1/2024 14:21	10	0
574596	2/1/2024 14:11	2/1/2024 14:26	15	0
574993	2/1/2024 14:15	2/1/2024 14:20	5	0
398660	2/1/2024 14:15	2/2/2024 9:00	1124.78	0
49209	2/1/2024 14:17	2/1/2024 14:32	15	0
47769	2/1/2024 14:17	2/1/2024 14:32	15	0
1325831	2/1/2024 14:17	2/1/2024 18:59	282.22	0
456099	2/1/2024 14:18	2/1/2024 15:06	48	0

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1417138	2/1/2024 14:18	2/1/2024 14:50	32	0
623069	2/1/2024 14:20	2/1/2024 19:18	298	0
626477	2/1/2024 14:20	2/1/2024 14:51	31	0
574993	2/1/2024 14:20	2/1/2024 14:26	6	0
455345	2/1/2024 14:20	2/1/2024 15:07	47	0
457729	2/1/2024 14:20	2/1/2024 15:07	47	0
1664433	2/1/2024 14:20	2/1/2024 15:49	89	0
624901	2/1/2024 14:21	2/2/2024 9:00	1118.78	0
627018	2/1/2024 14:21	2/1/2024 14:37	16	0
449036	2/1/2024 14:21	2/1/2024 14:32	11	0
1515733	2/1/2024 14:21	2/1/2024 14:37	16	0
1466638	2/1/2024 14:21	2/1/2024 14:37	16	0
455629	2/1/2024 14:21	2/1/2024 15:03	42	0
1516579	2/1/2024 14:21	2/1/2024 14:27	6	0
454901	2/1/2024 14:22	2/1/2024 15:04	42	0
623871	2/1/2024 14:22	2/1/2024 19:03	281	0
455994	2/1/2024 14:22	2/1/2024 14:53	31	0
989956	2/1/2024 14:22	2/1/2024 14:37	15	0
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449377	2/1/2024 14:23	2/1/2024 14:49	26	0
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1310926	2/1/2024 14:24	2/1/2024 14:39	15	0
617514	2/1/2024 14:24	2/2/2024 9:00	1115.78	0
457978	2/1/2024 14:24	2/1/2024 15:06	42	0
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1433348	2/1/2024 14:25	2/1/2024 14:41	16	0
627289	2/1/2024 14:25	2/1/2024 14:36	11	0
971524	2/1/2024 14:25	2/1/2024 14:35	10	0
957615	2/1/2024 14:26	2/1/2024 19:15	289.2	0
574993	2/1/2024 14:26	2/1/2024 14:37	11	0
1453263	2/1/2024 14:26	2/1/2024 14:37	11	0
574596	2/1/2024 14:26	2/1/2024 14:41	15	0
624953	2/1/2024 14:26	2/1/2024 14:35	9	0
1309098	2/1/2024 14:26	2/1/2024 14:41	15	0
564518	2/1/2024 14:27	2/1/2024 23:17	530	0
26864	2/1/2024 14:27	2/1/2024 14:43	16	0
1516579	2/1/2024 14:27	2/1/2024 14:37	10	0
1093833	2/1/2024 14:27	2/1/2024 19:26	299	0
34887	2/1/2024 14:27	2/1/2024 14:43	16	0
1549436	2/1/2024 14:27	2/1/2024 14:42	15	0
955448	2/1/2024 14:27	2/1/2024 18:49	262.2	0
567126	2/1/2024 14:28	2/1/2024 19:27	299	0

1547843	2/1/2024 14:28	2/1/2024 14:44	16	0
957216	2/1/2024 14:28	2/1/2024 19:09	281.2	0
1549376	2/1/2024 14:28	2/1/2024 14:44	16	0
1547686	2/1/2024 14:28	2/1/2024 14:43	15	0
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25674	2/1/2024 14:29	2/2/2024 0:30	601	0
954332	2/1/2024 14:29	2/1/2024 18:57	268.2	0
1378128	2/1/2024 14:29	2/1/2024 14:45	16	0
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34832	2/1/2024 14:29	2/1/2024 14:45	16	0
1546695	2/1/2024 14:30	2/1/2024 14:45	15	0
1547692	2/1/2024 14:30	2/1/2024 14:41	11	0
27852	2/1/2024 14:30	2/1/2024 19:29	299	0.07
188639	2/1/2024 14:30	2/1/2024 19:24	294	0.05
956968	2/1/2024 14:30	2/1/2024 18:58	268.2	0
954637	2/1/2024 14:30	2/1/2024 19:02	272.2	0
1552154	2/1/2024 14:30	2/1/2024 14:46	16	0
1566872	2/1/2024 14:30	2/1/2024 14:45	15	0
24124	2/1/2024 14:31	2/1/2024 19:34	303	0
624628	2/1/2024 14:31	2/1/2024 14:36	5	0
810130	2/1/2024 14:31	2/1/2024 19:04	273	0
1548091	2/1/2024 14:31	2/1/2024 19:16	285	0
1378273	2/1/2024 14:31	2/1/2024 14:47	16	0
47769	2/1/2024 14:32	2/1/2024 14:48	16	0
49209	2/1/2024 14:32	2/1/2024 15:04	32	0
1376158	2/1/2024 14:32	2/1/2024 14:47	15	0
449036	2/1/2024 14:32	2/1/2024 14:48	16	0
808384	2/1/2024 14:32	2/1/2024 19:09	277	0
808829	2/1/2024 14:33	2/1/2024 19:17	284	0
619266	2/1/2024 14:34	2/1/2024 19:22	288	0
330528	2/1/2024 14:34	2/1/2024 18:51	257	0
266950	2/1/2024 14:34	2/1/2024 19:28	294	0
267439	2/1/2024 14:34	2/1/2024 19:28	294	0
320966	2/1/2024 14:35	2/1/2024 16:04	89	0
971524	2/1/2024 14:35	2/1/2024 19:04	269	0
601397	2/1/2024 14:35	2/1/2024 19:29	294	0
624953	2/1/2024 14:35	2/1/2024 19:09	274	0
8068454	2/1/2024 14:36	2/1/2024 19:36	300	0
624628	2/1/2024 14:36	2/1/2024 19:09	273	0
627289	2/1/2024 14:36	2/1/2024 19:24	288	0
1453263	2/1/2024 14:37	2/1/2024 19:15	278	0
1466638	2/1/2024 14:37	2/1/2024 14:52	15	0
511266	2/1/2024 14:37	2/1/2024 19:26	289	0
989956	2/1/2024 14:37	2/1/2024 19:04	267.2	0
267367	2/1/2024 14:37	2/1/2024 19:31	294	0
1516579	2/1/2024 14:37	2/1/2024 14:42	5	0
574993	2/1/2024 14:37	2/1/2024 14:41	4	0

1515733	2/1/2024 14:37	2/1/2024 19:20	283	0
627018	2/1/2024 14:37	2/1/2024 19:00	263	0
1685329	2/1/2024 14:38	2/1/2024 19:11	273	0
569554	2/1/2024 14:38	2/1/2024 19:32	294	0
267537	2/1/2024 14:38	2/1/2024 14:49	11	0
801004	2/1/2024 14:38	2/1/2024 19:16	278	0
1320008	2/1/2024 14:38	2/1/2024 18:56	258	0
1349502	2/1/2024 14:39	2/1/2024 19:12	273	0
127206	2/1/2024 14:39	2/2/2024 9:00	1100.92	0
21306	2/1/2024 14:39	2/1/2024 19:28	289	0
1310926	2/1/2024 14:39	2/1/2024 19:11	272.22	0
1457350	2/1/2024 14:39	2/2/2024 9:00	1100.32	0
1432940	2/1/2024 14:39	2/1/2024 19:17	278	0
1348444	2/1/2024 14:39	2/1/2024 19:13	274	0
510974	2/1/2024 14:40	2/1/2024 19:23	283	0
510307	2/1/2024 14:40	2/1/2024 19:23	283	0
800600	2/1/2024 14:40	2/1/2024 19:08	268	0
507365	2/1/2024 14:40	2/1/2024 19:29	289	0
1350104	2/1/2024 14:40	2/1/2024 19:18	278	0
1321605	2/1/2024 14:40	2/1/2024 18:41	241	0
800590	2/1/2024 14:40	2/1/2024 19:06	266	0
509233	2/1/2024 14:40	2/1/2024 19:33	293	0
508593	2/1/2024 14:40	2/1/2024 19:28	288	0
1346455	2/1/2024 14:40	2/1/2024 15:27	47	0
10371746	2/1/2024 14:40	2/1/2024 14:56	16	0
1309098	2/1/2024 14:41	2/1/2024 19:03	262.22	0
552210	2/1/2024 14:41	2/1/2024 19:25	284	0
1456419	2/1/2024 14:41	2/1/2024 19:09	268	0
30471	2/1/2024 14:41	2/1/2024 19:30	289	0
1349542	2/1/2024 14:41	2/1/2024 15:29	48	0
574993	2/1/2024 14:41	2/1/2024 14:52	11	0
2032900	2/1/2024 14:41	2/1/2024 18:57	256.22	0
800588	2/1/2024 14:41	2/1/2024 19:07	266	0
1433348	2/1/2024 14:41	2/1/2024 19:19	278	0
506261	2/1/2024 14:41	2/1/2024 19:24	283	0
1547692	2/1/2024 14:41	2/1/2024 19:19	278	0
574596	2/1/2024 14:41	2/1/2024 19:30	289	0
1348300	2/1/2024 14:42	2/1/2024 15:29	47	0
10013697	2/1/2024 14:42	2/1/2024 19:15	273	0
25066	2/1/2024 14:42	2/1/2024 15:13	31	0
1549436	2/1/2024 14:42	2/1/2024 19:20	278	0
549259	2/1/2024 14:42	2/1/2024 14:58	16	0
28509	2/1/2024 14:42	2/1/2024 19:26	284	0
1555268	2/1/2024 14:42	2/1/2024 19:21	279	0
1349338	2/1/2024 14:42	2/1/2024 15:29	47	0
1348773	2/1/2024 14:42	2/1/2024 15:24	42	0
1516579	2/1/2024 14:42	2/1/2024 14:53	11	0

8590289	2/1/2024 14:42	2/1/2024 19:25	283	0
1349244	2/1/2024 14:42	2/1/2024 15:29	47	0
1350975	2/1/2024 14:42	2/1/2024 15:29	47	0
1350499	2/1/2024 14:42	2/1/2024 15:24	42	0
1555376	2/1/2024 14:43	2/1/2024 19:16	273	0
1550815	2/1/2024 14:43	2/1/2024 19:16	273	0
1393633	2/1/2024 14:43	2/1/2024 19:15	272.22	0
1350597	2/1/2024 14:43	2/1/2024 15:25	42	0
1547686	2/1/2024 14:43	2/1/2024 19:16	273	0
26864	2/1/2024 14:43	2/1/2024 19:26	283	0
1573666	2/1/2024 14:43	2/1/2024 19:16	273	0
34887	2/1/2024 14:43	2/1/2024 19:31	288	0
35442	2/1/2024 14:43	2/1/2024 19:34	291	0
1349605	2/1/2024 14:43	2/1/2024 15:25	42	0
1351539	2/1/2024 14:43	2/1/2024 15:25	42	0
23566	2/1/2024 14:43	2/1/2024 15:15	32	0
21820	2/1/2024 14:43	2/1/2024 19:31	288	0
1351588	2/1/2024 14:44	2/1/2024 19:26	282.22	0
1551510	2/1/2024 14:44	2/1/2024 19:12	268	0
29848	2/1/2024 14:44	2/1/2024 19:27	283	0
1346665	2/1/2024 14:44	2/1/2024 15:26	42	0
1348780	2/1/2024 14:44	2/1/2024 15:26	42	0
8734349	2/1/2024 14:44	2/1/2024 15:26	42	0
1547843	2/1/2024 14:44	2/1/2024 19:17	273	0
1350598	2/1/2024 14:44	2/1/2024 19:22	278	0
1064575	2/1/2024 14:44	2/1/2024 19:11	267.2	0
1554677	2/1/2024 14:44	2/1/2024 19:17	273	0
1549376	2/1/2024 14:44	2/1/2024 19:17	273	0
1546695	2/1/2024 14:45	2/1/2024 19:18	273	0
34832	2/1/2024 14:45	2/1/2024 19:29	284	0
1378128	2/1/2024 14:45	2/1/2024 19:07	262	0
1566872	2/1/2024 14:45	2/1/2024 19:17	272	0
1564723	2/1/2024 14:45	2/1/2024 19:18	273	0
624716	2/1/2024 14:46	2/1/2024 14:52	6	0
446329	2/1/2024 14:46	2/1/2024 19:31	285	0
1551513	2/1/2024 14:46	2/1/2024 19:19	273	0
27483	2/1/2024 14:46	2/1/2024 19:29	283	0
1552154	2/1/2024 14:46	2/1/2024 19:19	273	0
1378273	2/1/2024 14:47	2/1/2024 19:08	261.22	0
1376158	2/1/2024 14:47	2/1/2024 19:19	272.22	0
1064514	2/1/2024 14:48	2/1/2024 19:04	256.2	0
47769	2/1/2024 14:48	2/1/2024 15:04	16	0
449036	2/1/2024 14:48	2/1/2024 19:26	278	0
449377	2/1/2024 14:49	2/1/2024 15:05	16	0
451783	2/1/2024 14:49	2/1/2024 19:28	279	0
267537	2/1/2024 14:49	2/1/2024 19:27	278	0
1417138	2/1/2024 14:50	2/1/2024 19:12	262	0

445867	2/1/2024 14:50	2/1/2024 19:28	278	0
626477	2/1/2024 14:51	2/1/2024 15:07	16	0
8668965	2/1/2024 14:52	2/1/2024 19:25	273	0
574993	2/1/2024 14:52	2/1/2024 14:57	5	0
624716	2/1/2024 14:52	2/1/2024 15:07	15	0
1466638	2/1/2024 14:52	2/1/2024 15:24	32	0
1332906	2/1/2024 14:53	2/1/2024 19:04	251.22	0
1516579	2/1/2024 14:53	2/1/2024 14:59	6	0
793690	2/1/2024 14:53	2/1/2024 19:05	252	0
645339	2/1/2024 14:53	2/1/2024 19:25	272	0
455994	2/1/2024 14:53	2/1/2024 19:33	280	0
7932279	2/1/2024 14:54	2/2/2024 9:00	1085.32	0
790670	2/1/2024 14:54	2/1/2024 19:06	252	0
611116	2/1/2024 14:54	2/1/2024 15:09	15	0
551972	2/1/2024 14:55	2/1/2024 19:18	263	0
6714863	2/1/2024 14:55	2/1/2024 19:12	257	0
1333801	2/1/2024 14:55	2/1/2024 19:01	246	0
549370	2/1/2024 14:56	2/1/2024 19:29	273	0
793285	2/1/2024 14:56	2/1/2024 19:08	252	0
381338	2/1/2024 14:56	2/1/2024 19:29	273	0
645144	2/1/2024 14:56	2/1/2024 19:24	268	0
553755	2/1/2024 14:56	2/1/2024 19:29	273	0
10371746	2/1/2024 14:56	2/1/2024 19:19	263	0
574993	2/1/2024 14:57	2/1/2024 15:08	11	0
549259	2/1/2024 14:58	2/1/2024 19:15	257	0
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1510338	2/1/2024 14:59	2/1/2024 19:39	280	0
1019446	2/1/2024 14:59	2/1/2024 18:59	240.2	0
1516579	2/1/2024 14:59	2/1/2024 15:24	25	0
1508184	2/1/2024 15:00	2/1/2024 19:22	262	0
979888	2/1/2024 15:00	2/1/2024 19:06	246.2	0
51483	2/1/2024 15:01	2/1/2024 15:06	5	0
455629	2/1/2024 15:03	2/1/2024 15:19	16	0
561757	2/1/2024 15:03	2/1/2024 19:20	257	0
47769	2/1/2024 15:04	2/1/2024 19:26	262	0
558031	2/1/2024 15:04	2/1/2024 19:21	257	0
982261	2/1/2024 15:04	2/1/2024 19:11	247.2	0
8950281	2/1/2024 15:04	2/1/2024 19:32	268	0
49209	2/1/2024 15:04	2/1/2024 19:31	267	0
454901	2/1/2024 15:04	2/1/2024 15:19	15	0
1516786	2/1/2024 15:05	2/1/2024 19:17	252	0
454861	2/1/2024 15:05	2/1/2024 15:21	16	0
1417279	2/1/2024 15:05	2/1/2024 19:06	241.22	0
449377	2/1/2024 15:05	2/1/2024 15:16	11	0
456099	2/1/2024 15:06	2/1/2024 15:22	16	0
457978	2/1/2024 15:06	2/1/2024 15:22	16	0
51483	2/1/2024 15:06	2/1/2024 19:28	262	0

199337	2/1/2024 15:06	2/2/2024 9:00	1073.92	0
199354	2/1/2024 15:07	2/2/2024 9:00	1072.92	0
624716	2/1/2024 15:07	2/2/2024 0:45	578	0
455345	2/1/2024 15:07	2/1/2024 15:23	16	0
457729	2/1/2024 15:07	2/1/2024 15:18	11	0
626477	2/1/2024 15:07	2/1/2024 18:58	231	0
1508563	2/1/2024 15:08	2/1/2024 19:09	241	0
574993	2/1/2024 15:08	2/1/2024 15:13	5	0
1465703	2/1/2024 15:09	2/1/2024 19:15	246	0
611116	2/1/2024 15:09	2/1/2024 19:22	253	0
1511532	2/1/2024 15:09	2/1/2024 19:21	252	0
1431752	2/1/2024 15:09	2/1/2024 19:16	247	0
1524033	2/1/2024 15:10	2/1/2024 19:27	257	0
1433906	2/1/2024 15:11	2/1/2024 19:18	247	0
1384509	2/1/2024 15:11	2/1/2024 18:55	224.22	0
25066	2/1/2024 15:13	2/1/2024 19:30	257	0
574993	2/1/2024 15:13	2/1/2024 15:24	11	0
23566	2/1/2024 15:15	2/1/2024 19:27	252	0
449377	2/1/2024 15:16	2/1/2024 16:13	57	0
457729	2/1/2024 15:18	2/2/2024 9:00	1061.78	0
455629	2/1/2024 15:19	2/2/2024 9:00	1060.78	0
454901	2/1/2024 15:19	2/2/2024 9:00	1060.78	0
454861	2/1/2024 15:21	2/2/2024 9:00	1058.78	0
7902724	2/1/2024 15:21	2/1/2024 15:37	16	0
457978	2/1/2024 15:22	2/2/2024 9:00	1057.78	0
456099	2/1/2024 15:22	2/2/2024 9:00	1057.78	0
455345	2/1/2024 15:23	2/2/2024 9:00	1056.78	0
1350499	2/1/2024 15:24	2/1/2024 19:04	220.22	0
1516579	2/1/2024 15:24	2/1/2024 15:30	6	0
1466638	2/1/2024 15:24	2/1/2024 19:09	225	0
1348773	2/1/2024 15:24	2/1/2024 18:59	215	0
574993	2/1/2024 15:24	2/1/2024 15:29	5	0
1350597	2/1/2024 15:25	2/1/2024 19:05	220.22	0
1349605	2/1/2024 15:25	2/1/2024 19:10	225	0
1351539	2/1/2024 15:25	2/1/2024 19:21	236	0
8734349	2/1/2024 15:26	2/1/2024 19:17	231	0
1348780	2/1/2024 15:26	2/1/2024 19:22	236	0
1346665	2/1/2024 15:26	2/1/2024 19:21	235.22	0
1346455	2/1/2024 15:27	2/1/2024 19:12	225.22	0
1349244	2/1/2024 15:29	2/1/2024 18:59	210	0
1350975	2/1/2024 15:29	2/1/2024 20:49	320	0
1349542	2/1/2024 15:29	2/1/2024 19:03	214.22	0
1349338	2/1/2024 15:29	2/1/2024 19:05	216	0
547577	2/1/2024 15:29	2/1/2024 19:31	242	0
574993	2/1/2024 15:29	2/1/2024 15:39	10	0
1348300	2/1/2024 15:29	2/1/2024 19:04	215.22	0
1516579	2/1/2024 15:30	2/2/2024 9:00	1049.32	0

346347	2/1/2024 15:30	2/1/2024 19:36	246	0
344958	2/1/2024 15:31	2/1/2024 19:33	242	0
345957	2/1/2024 15:31	2/1/2024 19:28	237	0
346135	2/1/2024 15:31	2/1/2024 19:37	246	0
562727	2/1/2024 15:31	2/2/2024 9:00	1048.78	0
1020565	2/1/2024 15:31	2/1/2024 18:59	208.2	0
347230	2/1/2024 15:31	2/1/2024 17:47	136	0
1565203	2/1/2024 15:32	2/1/2024 19:23	231	0
740241	2/1/2024 15:35	2/1/2024 19:00	205	0
7902724	2/1/2024 15:37	2/1/2024 16:03	26	0
574993	2/1/2024 15:39	2/1/2024 15:44	5	0
574993	2/1/2024 15:44	2/1/2024 16:21	37	0
397349	2/1/2024 15:44	2/2/2024 9:00	1035.78	0
1556352	2/1/2024 15:48	2/1/2024 19:13	205	0
1554218	2/1/2024 15:48	2/1/2024 19:28	220	0
317195	2/1/2024 15:48	2/1/2024 16:04	16	0
1664433	2/1/2024 15:49	2/1/2024 19:14	205	0
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1557303	2/1/2024 15:51	2/1/2024 19:16	205	0
1557188	2/1/2024 15:51	2/1/2024 19:16	205	0
1556434	2/1/2024 15:51	2/1/2024 19:32	221	0
1556486	2/1/2024 15:51	2/1/2024 19:15	204	0
1421188	2/1/2024 15:54	2/1/2024 19:12	198.22	0
7902724	2/1/2024 16:03	2/1/2024 16:19	16	0
320966	2/1/2024 16:04	2/1/2024 19:29	205	0
317195	2/1/2024 16:04	2/1/2024 19:29	205	0
1450250	2/1/2024 16:09	2/1/2024 19:18	189	0
449377	2/1/2024 16:13	2/1/2024 16:45	32	0
8206792	2/1/2024 16:16	2/1/2024 19:09	173	0
7902724	2/1/2024 16:19	2/1/2024 19:33	194	0
574993	2/1/2024 16:21	2/1/2024 16:26	5	0
1272457	2/1/2024 16:23	2/1/2024 19:01	158	0
10433250	2/1/2024 16:23	2/1/2024 19:14	171	0
1704044	2/1/2024 16:23	2/2/2024 9:00	996.5	0
574993	2/1/2024 16:26	2/1/2024 16:37	11	0
860281	2/1/2024 16:34	2/1/2024 19:07	153	0
859747	2/1/2024 16:37	2/1/2024 19:14	157	0
574993	2/1/2024 16:37	2/1/2024 16:42	5	0
574993	2/1/2024 16:42	2/1/2024 16:53	11	0
449377	2/1/2024 16:45	2/1/2024 17:00	15	0
611270	2/1/2024 16:50	2/1/2024 19:18	148	0
574993	2/1/2024 16:53	2/1/2024 16:58	5	0
574993	2/1/2024 16:58	2/1/2024 17:09	11	0
449377	2/1/2024 17:00	2/1/2024 18:09	69	0
574993	2/1/2024 17:09	2/1/2024 17:14	5	0
574993	2/1/2024 17:14	2/2/2024 9:00	945.78	0
1680798	2/1/2024 17:45	2/1/2024 18:01	16	0

347230	2/1/2024 17:47	2/1/2024 18:03	16	0
353728	2/1/2024 17:59	2/1/2024 20:10	131	0
1680798	2/1/2024 18:01	2/1/2024 19:36	95	0
347230	2/1/2024 18:03	2/1/2024 19:26	83	0
449377	2/1/2024 18:09	2/1/2024 19:12	63	0
945898	2/1/2024 18:41	2/2/2024 9:00	858.83	0
1321605	2/1/2024 18:41	2/2/2024 9:00	858.72	0
955448	2/1/2024 18:49	2/2/2024 9:00	850.53	0
330528	2/1/2024 18:51	2/2/2024 9:00	848.92	0
1384509	2/1/2024 18:55	2/2/2024 9:00	844.5	0
1320619	2/1/2024 18:56	2/2/2024 9:00	843.5	0
1463218	2/1/2024 18:56	2/2/2024 9:00	843.32	0
1320008	2/1/2024 18:56	2/2/2024 9:00	843.72	0
2032900	2/1/2024 18:57	2/2/2024 9:00	842.5	0
954332	2/1/2024 18:57	2/2/2024 9:00	842.53	0
675499	2/1/2024 18:58	2/2/2024 9:00	841.83	0
956968	2/1/2024 18:58	2/2/2024 9:00	841.53	0
626477	2/1/2024 18:58	2/2/2024 9:00	841.78	0
1019446	2/1/2024 18:59	2/2/2024 9:00	840.53	0
1325831	2/1/2024 18:59	2/2/2024 9:00	840.5	0
1407881	2/1/2024 18:59	2/2/2024 9:00	840.72	0
1020565	2/1/2024 18:59	2/2/2024 9:00	840.53	0
1348773	2/1/2024 18:59	2/2/2024 9:00	840.72	0
1349244	2/1/2024 18:59	2/2/2024 9:00	840.72	0
740241	2/1/2024 19:00	2/2/2024 9:00	839.83	0
627018	2/1/2024 19:00	2/2/2024 8:49	829	0
1272457	2/1/2024 19:01	2/2/2024 9:00	838.5	0
1265778	2/1/2024 19:01	2/2/2024 9:00	838.5	0
1333801	2/1/2024 19:01	2/2/2024 9:00	838.72	0
1407632	2/1/2024 19:01	2/2/2024 9:00	838.72	0
1407947	2/1/2024 19:02	2/2/2024 9:00	837.72	0
954637	2/1/2024 19:02	2/2/2024 9:00	837.53	0
1349542	2/1/2024 19:03	2/2/2024 9:00	836.5	0
623871	2/1/2024 19:03	2/2/2024 9:00	836.78	0
1309098	2/1/2024 19:03	2/2/2024 9:00	836.5	0
971524	2/1/2024 19:04	2/2/2024 8:53	829	0
1348300	2/1/2024 19:04	2/2/2024 9:00	835.5	0
810130	2/1/2024 19:04	2/2/2024 9:00	835.83	0
1350499	2/1/2024 19:04	2/2/2024 9:00	835.5	0
1064514	2/1/2024 19:04	2/2/2024 9:00	835.53	0
1321114	2/1/2024 19:04	2/2/2024 9:00	835.5	0
1275035	2/1/2024 19:04	2/2/2024 9:00	835.5	0
658642	2/1/2024 19:04	2/2/2024 9:00	835.83	0
1459057	2/1/2024 19:04	2/2/2024 9:00	835.32	0
980132	2/1/2024 19:04	2/2/2024 9:00	835.53	0
989956	2/1/2024 19:04	2/2/2024 9:00	835.53	0
9313875	2/1/2024 19:04	2/2/2024 9:00	835.32	0

1332906	2/1/2024 19:04	2/2/2024 9:00	835.5	0
1350597	2/1/2024 19:05	2/2/2024 9:00	834.5	0
1348476	2/1/2024 19:05	2/2/2024 9:00	834.72	0
1349338	2/1/2024 19:05	2/2/2024 9:00	834.72	0
793690	2/1/2024 19:05	2/2/2024 9:00	834.83	0
979888	2/1/2024 19:06	2/2/2024 9:00	833.53	0
800590	2/1/2024 19:06	2/2/2024 9:00	833.83	0
1393699	2/1/2024 19:06	2/2/2024 9:00	833.5	0
790670	2/1/2024 19:06	2/2/2024 9:00	833.83	0
1446401	2/1/2024 19:06	2/2/2024 9:00	833.32	0
1417279	2/1/2024 19:06	2/2/2024 9:00	833.5	0
664453	2/1/2024 19:06	2/2/2024 9:00	833.83	0
1378582	2/1/2024 19:07	2/2/2024 9:00	832.72	0
980398	2/1/2024 19:07	2/2/2024 9:00	832.53	0
860281	2/1/2024 19:07	2/2/2024 9:00	832.83	0
995564	2/1/2024 19:07	2/2/2024 9:00	832.53	0
800588	2/1/2024 19:07	2/2/2024 9:00	832.83	0
1378128	2/1/2024 19:07	2/2/2024 9:00	832.72	0
793285	2/1/2024 19:08	2/2/2024 9:00	831.83	0
1378273	2/1/2024 19:08	2/2/2024 9:00	831.5	0
800600	2/1/2024 19:08	2/2/2024 9:00	831.83	0
1346410	2/1/2024 19:08	2/2/2024 9:00	831.5	0
1431804	2/1/2024 19:08	2/2/2024 9:00	831.32	0
569420	2/1/2024 19:08	2/2/2024 9:00	831.78	0
1508563	2/1/2024 19:09	2/2/2024 9:00	830.32	0
803317	2/1/2024 19:09	2/2/2024 9:00	830.83	0
624628	2/1/2024 19:09	2/2/2024 8:53	824	0
997397	2/1/2024 19:09	2/2/2024 9:00	830.53	0
808384	2/1/2024 19:09	2/2/2024 9:00	830.83	0
1456419	2/1/2024 19:09	2/2/2024 9:00	830.32	0
624953	2/1/2024 19:09	2/2/2024 8:54	825	0
957216	2/1/2024 19:09	2/2/2024 9:00	830.53	0
8206792	2/1/2024 19:09	2/2/2024 9:00	830.32	0
1320646	2/1/2024 19:09	2/2/2024 9:00	830.72	0
1466638	2/1/2024 19:09	2/2/2024 8:38	809	0
656343	2/1/2024 19:10	2/2/2024 9:00	829.83	0
1463680	2/1/2024 19:10	2/2/2024 9:00	829.32	0
1349605	2/1/2024 19:10	2/2/2024 9:00	829.72	0
658658	2/1/2024 19:11	2/2/2024 9:00	828.83	0
1310926	2/1/2024 19:11	2/2/2024 9:00	828.5	0
982261	2/1/2024 19:11	2/2/2024 9:00	828.53	0
1685329	2/1/2024 19:11	2/2/2024 9:00	828.72	0
1064575	2/1/2024 19:11	2/2/2024 9:00	828.53	0
1551510	2/1/2024 19:12	2/2/2024 9:00	827.32	0
1346455	2/1/2024 19:12	2/2/2024 9:00	827.5	0
6714863	2/1/2024 19:12	2/2/2024 9:00	827.83	0
1417138	2/1/2024 19:12	2/2/2024 9:00	827.72	0

1421188	2/1/2024 19:12	2/2/2024 9:00	827.5	0
416557	2/1/2024 19:12	2/2/2024 9:00	827.78	0
449377	2/1/2024 19:12	2/1/2024 19:38	26	0
1349502	2/1/2024 19:12	2/2/2024 9:00	827.72	0
1511251	2/1/2024 19:13	2/2/2024 9:00	826.32	0
1348444	2/1/2024 19:13	2/2/2024 9:00	826.72	0
1556352	2/1/2024 19:13	2/2/2024 9:00	826.32	0
1385122	2/1/2024 19:13	2/2/2024 9:00	826.5	0
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1445317	2/1/2024 19:14	2/2/2024 8:09	775	0
1556565	2/1/2024 19:14	2/2/2024 9:00	825.32	0
859747	2/1/2024 19:14	2/2/2024 9:00	825.83	0
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1430294	2/1/2024 19:14	2/2/2024 9:00	825.32	0
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549259	2/1/2024 19:15	2/2/2024 9:00	824.78	0
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1190246	2/1/2024 19:16	2/2/2024 9:00	823.72	0
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1432940	2/1/2024 19:17	2/2/2024 7:53	756	0
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8734349	2/1/2024 19:17	2/2/2024 9:00	822.72	0
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1546695	2/1/2024 19:18	2/2/2024 9:00	821.32	0
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1350104	2/1/2024 19:18	2/2/2024 9:00	821.72	0
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1464949	2/1/2024 19:19	2/2/2024 9:00	820.32	0
1552154	2/1/2024 19:19	2/2/2024 9:00	820.32	0
1433348	2/1/2024 19:19	2/2/2024 7:55	756	0
1376158	2/1/2024 19:19	2/2/2024 9:00	820.5	0
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1430553	2/1/2024 19:19	2/2/2024 9:00	820.32	0
1547692	2/1/2024 19:19	2/2/2024 9:00	820.32	0
1465391	2/1/2024 19:19	2/2/2024 8:11	772	0
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571420	2/1/2024 19:20	2/2/2024 9:00	819.78	0
561757	2/1/2024 19:20	2/2/2024 9:00	819.78	0
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623612	2/1/2024 19:20	2/2/2024 9:00	819.78	0
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1538577	2/1/2024 19:20	2/2/2024 9:00	819.32	0
1351539	2/1/2024 19:21	2/2/2024 9:00	818.72	0
1511532	2/1/2024 19:21	2/2/2024 9:00	818.32	0
1466445	2/1/2024 19:21	2/2/2024 7:57	756	0
1346665	2/1/2024 19:21	2/2/2024 9:00	818.5	0
558031	2/1/2024 19:21	2/2/2024 9:00	818.78	0
593397	2/1/2024 19:21	2/2/2024 9:00	818.78	0
1469270	2/1/2024 19:21	2/2/2024 8:55	814	0
1467272	2/1/2024 19:21	2/2/2024 9:00	818.32	0
1555268	2/1/2024 19:21	2/2/2024 9:00	818.32	0
1394365	2/1/2024 19:21	2/2/2024 9:00	818.5	0
1465282	2/1/2024 19:21	2/2/2024 8:12	771	0
572916	2/1/2024 19:21	2/2/2024 9:00	818.78	0
1350598	2/1/2024 19:22	2/2/2024 9:00	817.72	0

324290	2/1/2024 19:22	2/2/2024 9:00	817.92	0
314899	2/1/2024 19:22	2/2/2024 9:00	817.92	0
1539391	2/1/2024 19:22	2/2/2024 9:00	817.32	0
1412757	2/1/2024 19:22	2/2/2024 9:00	817.5	0
1348780	2/1/2024 19:22	2/2/2024 9:00	817.72	0
611116	2/1/2024 19:22	2/2/2024 9:00	817.78	0
1508184	2/1/2024 19:22	2/2/2024 9:00	817.32	0
195839	2/1/2024 19:22	2/2/2024 9:00	817.92	0
619266	2/1/2024 19:22	2/2/2024 9:00	817.78	0
500173	2/1/2024 19:22	2/2/2024 9:00	817.78	0
1348379	2/1/2024 19:23	2/2/2024 9:00	816.72	0
510974	2/1/2024 19:23	2/2/2024 9:00	816.78	0
1604432	2/1/2024 19:23	2/2/2024 9:00	816.32	0
510307	2/1/2024 19:23	2/2/2024 9:00	816.78	0
195666	2/1/2024 19:23	2/2/2024 9:00	816.92	0
1565203	2/1/2024 19:23	2/2/2024 9:00	816.32	0
605186	2/1/2024 19:23	2/2/2024 9:00	816.78	0
29748	2/1/2024 19:24	2/2/2024 9:00	815.92	0
1415622	2/1/2024 19:24	2/2/2024 9:00	815.72	0
7879030	2/1/2024 19:24	2/2/2024 9:00	815.78	0
196965	2/1/2024 19:24	2/2/2024 9:00	815.92	0
645144	2/1/2024 19:24	2/2/2024 9:00	815.78	0
317233	2/1/2024 19:24	2/2/2024 8:27	783	0
627289	2/1/2024 19:24	2/2/2024 8:53	809	0
8511623	2/1/2024 19:24	2/2/2024 8:58	814	0
506261	2/1/2024 19:24	2/2/2024 9:00	815.78	0
8495802	2/1/2024 19:24	2/2/2024 9:00	815.32	0
1394324	2/1/2024 19:24	2/2/2024 9:00	815.72	0
29635	2/1/2024 19:24	2/2/2024 9:00	815.92	0
188639	2/1/2024 19:24	2/2/2024 9:00	815.92	0
9063373	2/1/2024 19:24	2/2/2024 9:00	815.72	0
196408	2/1/2024 19:25	2/2/2024 9:00	814.92	0
1077082	2/1/2024 19:25	2/2/2024 9:00	814.78	0
1672454	2/1/2024 19:25	2/2/2024 9:00	814.78	0
315346	2/1/2024 19:25	2/2/2024 8:28	783	0
197561	2/1/2024 19:25	2/2/2024 9:00	814.92	0
346288	2/1/2024 19:25	2/2/2024 9:00	814.92	0
318402	2/1/2024 19:25	2/2/2024 9:00	814.92	0
8668965	2/1/2024 19:25	2/2/2024 9:00	814.78	0
8590289	2/1/2024 19:25	2/2/2024 9:00	814.78	0
197690	2/1/2024 19:25	2/2/2024 9:00	814.92	0
552210	2/1/2024 19:25	2/2/2024 9:00	814.78	0
1346671	2/1/2024 19:25	2/2/2024 9:00	814.72	0
645339	2/1/2024 19:25	2/2/2024 9:00	814.78	0
274059	2/1/2024 19:25	2/2/2024 9:00	814.92	0
315169	2/1/2024 19:25	2/2/2024 9:00	814.92	0
314188	2/1/2024 19:26	2/2/2024 9:00	813.92	0

1351588	2/1/2024 19:26	2/2/2024 9:00	813.5	0
572882	2/1/2024 19:26	2/2/2024 9:00	813.78	0
353651	2/1/2024 19:26	2/2/2024 9:00	813.92	0
1405290	2/1/2024 19:26	2/2/2024 9:00	813.72	0
342796	2/1/2024 19:26	2/2/2024 9:00	813.92	0
347230	2/1/2024 19:26	2/2/2024 7:57	751	0
274522	2/1/2024 19:26	2/2/2024 9:00	813.92	0
28509	2/1/2024 19:26	2/2/2024 9:00	813.92	0
1406535	2/1/2024 19:26	2/2/2024 9:00	813.5	0
6995795	2/1/2024 19:26	2/2/2024 9:00	813.78	0
47769	2/1/2024 19:26	2/2/2024 9:00	813.92	0
23462	2/1/2024 19:26	2/2/2024 9:00	813.92	0
68308	2/1/2024 19:26	2/2/2024 9:00	813.92	0
324249	2/1/2024 19:26	2/2/2024 9:00	813.92	0
511266	2/1/2024 19:26	2/2/2024 9:00	813.78	0
1093833	2/1/2024 19:26	2/2/2024 9:00	813.78	0
449036	2/1/2024 19:26	2/2/2024 9:00	813.78	0
275018	2/1/2024 19:26	2/2/2024 9:00	813.92	0
10510361	2/1/2024 19:26	2/2/2024 9:00	813.92	0
26864	2/1/2024 19:26	2/2/2024 9:00	813.92	0
279833	2/1/2024 19:27	2/2/2024 9:00	812.92	0
523489	2/1/2024 19:27	2/2/2024 9:00	812.92	0
277818	2/1/2024 19:27	2/2/2024 9:00	812.92	0
317797	2/1/2024 19:27	2/2/2024 8:24	777	0
29848	2/1/2024 19:27	2/2/2024 9:00	812.92	0
498070	2/1/2024 19:27	2/2/2024 9:00	812.78	0
1670039	2/1/2024 19:27	2/2/2024 9:00	812.78	0
567126	2/1/2024 19:27	2/2/2024 9:00	812.78	0
563721	2/1/2024 19:27	2/2/2024 9:00	812.78	0
8910809	2/1/2024 19:27	2/2/2024 9:00	812.78	0
26921	2/1/2024 19:27	2/2/2024 9:00	812.92	0
346185	2/1/2024 19:27	2/2/2024 9:00	812.92	0
23566	2/1/2024 19:27	2/2/2024 9:00	812.92	0
8104722	2/1/2024 19:27	2/2/2024 9:00	812.92	0
553863	2/1/2024 19:27	2/2/2024 9:00	812.78	0
197883	2/1/2024 19:27	2/2/2024 9:00	812.92	0
315088	2/1/2024 19:27	2/2/2024 9:00	812.92	0
1524033	2/1/2024 19:27	2/2/2024 9:00	812.32	0
267537	2/1/2024 19:27	2/2/2024 9:00	812.92	0
8524544	2/1/2024 19:28	2/2/2024 9:00	811.92	0
267439	2/1/2024 19:28	2/2/2024 9:00	811.92	0
266950	2/1/2024 19:28	2/2/2024 9:00	811.92	0
1683861	2/1/2024 19:28	2/2/2024 9:00	811.92	0
21306	2/1/2024 19:28	2/2/2024 9:00	811.92	0
445867	2/1/2024 19:28	2/2/2024 9:00	811.78	0
51483	2/1/2024 19:28	2/2/2024 9:00	811.92	0
508593	2/1/2024 19:28	2/2/2024 9:00	811.78	0

1554218	2/1/2024 19:28	2/2/2024 9:00	811.32	0
323657	2/1/2024 19:28	2/2/2024 9:00	811.92	0
315345	2/1/2024 19:28	2/2/2024 8:25	777	0
6761269	2/1/2024 19:28	2/2/2024 9:00	811.92	0
381982	2/1/2024 19:28	2/2/2024 9:00	811.78	0
345957	2/1/2024 19:28	2/2/2024 9:00	811.92	0
451783	2/1/2024 19:28	2/2/2024 9:00	811.78	0
320966	2/1/2024 19:29	2/2/2024 9:00	810.92	0
70866	2/1/2024 19:29	2/2/2024 9:00	810.92	0
553755	2/1/2024 19:29	2/2/2024 9:00	810.78	0
507365	2/1/2024 19:29	2/2/2024 9:00	810.78	0
27852	2/1/2024 19:29	2/2/2024 9:00	810.92	0
549370	2/1/2024 19:29	2/2/2024 9:00	810.78	0
381338	2/1/2024 19:29	2/2/2024 9:00	810.78	0
27483	2/1/2024 19:29	2/2/2024 9:00	810.92	0
34832	2/1/2024 19:29	2/2/2024 9:00	810.92	0
380057	2/1/2024 19:29	2/2/2024 9:00	810.78	0
325050	2/1/2024 19:29	2/2/2024 9:00	810.92	0
601397	2/1/2024 19:29	2/2/2024 9:00	810.78	0
317195	2/1/2024 19:29	2/2/2024 8:26	777	0
561672	2/1/2024 19:30	2/2/2024 9:00	809.78	0
1375227	2/1/2024 19:30	2/2/2024 9:00	809.5	0
574596	2/1/2024 19:30	2/2/2024 9:00	809.78	0
30471	2/1/2024 19:30	2/2/2024 9:00	809.92	0
25066	2/1/2024 19:30	2/2/2024 9:00	809.92	0
8387677	2/1/2024 19:30	2/2/2024 9:00	809.92	0
328113	2/1/2024 19:30	2/2/2024 9:00	809.92	0
8495805	2/1/2024 19:30	2/2/2024 9:00	809.78	0
267367	2/1/2024 19:31	2/2/2024 9:00	808.92	0
547577	2/1/2024 19:31	2/2/2024 9:00	808.92	0
4173986	2/1/2024 19:31	2/2/2024 9:00	808.92	0
315306	2/1/2024 19:31	2/2/2024 9:00	808.92	0
27443	2/1/2024 19:31	2/2/2024 9:00	808.92	0
189581	2/1/2024 19:31	2/2/2024 9:00	808.92	0
11081884	2/1/2024 19:31	2/2/2024 9:00	808.92	0
197356	2/1/2024 19:31	2/2/2024 9:00	808.92	0
346967	2/1/2024 19:31	2/2/2024 9:00	808.92	0
68620	2/1/2024 19:31	2/2/2024 9:00	808.92	0
34887	2/1/2024 19:31	2/2/2024 9:00	808.92	0
315730	2/1/2024 19:31	2/2/2024 9:00	808.92	0
21820	2/1/2024 19:31	2/2/2024 9:00	808.92	0
49209	2/1/2024 19:31	2/2/2024 9:00	808.92	0
446329	2/1/2024 19:31	2/2/2024 9:00	808.78	0
7178975	2/1/2024 19:31	2/2/2024 9:00	808.92	0
69207	2/1/2024 19:32	2/2/2024 9:00	807.92	0
569554	2/1/2024 19:32	2/2/2024 9:00	807.78	0
8950281	2/1/2024 19:32	2/2/2024 9:00	807.92	0

1081237	2/1/2024 19:32	2/2/2024 9:00	807.9	0
198082	2/1/2024 19:32	2/2/2024 9:00	807.92	0
314945	2/1/2024 19:32	2/2/2024 8:24	772	0
1494722	2/1/2024 19:32	2/2/2024 9:00	807.5	0
1556434	2/1/2024 19:32	2/2/2024 9:00	807.32	0
316997	2/1/2024 19:32	2/2/2024 9:00	807.92	0
1493132	2/1/2024 19:33	2/2/2024 9:00	806.5	0
7902724	2/1/2024 19:33	2/2/2024 8:35	782	0
197629	2/1/2024 19:33	2/2/2024 9:00	806.92	0
276488	2/1/2024 19:33	2/2/2024 9:00	806.92	0
70277	2/1/2024 19:33	2/2/2024 9:00	806.92	0
455994	2/1/2024 19:33	2/2/2024 9:00	806.78	0
323747	2/1/2024 19:33	2/2/2024 9:00	806.92	0
34905	2/1/2024 19:33	2/2/2024 9:00	806.92	0
509233	2/1/2024 19:33	2/2/2024 9:00	806.78	0
344958	2/1/2024 19:33	2/2/2024 9:00	806.92	0
399291	2/1/2024 19:33	2/2/2024 9:00	806.78	0
313269	2/1/2024 19:34	2/2/2024 9:00	805.92	0
353082	2/1/2024 19:34	2/2/2024 9:00	805.92	0
275495	2/1/2024 19:34	2/2/2024 9:00	805.92	0
24124	2/1/2024 19:34	2/2/2024 9:00	805.92	0
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8148103	2/1/2024 19:34	2/2/2024 9:00	805.92	0
35442	2/1/2024 19:34	2/2/2024 9:00	805.92	0
277301	2/1/2024 19:35	2/2/2024 9:00	804.92	0
274125	2/1/2024 19:35	2/2/2024 9:00	804.92	0
281235	2/1/2024 19:35	2/2/2024 9:00	804.92	0
346347	2/1/2024 19:36	2/2/2024 9:00	803.92	0
1680798	2/1/2024 19:36	2/2/2024 9:00	803.92	0
8068454	2/1/2024 19:36	2/2/2024 9:00	803.78	0
346135	2/1/2024 19:37	2/2/2024 9:00	802.92	0
353371	2/1/2024 19:37	2/2/2024 9:00	802.92	0
51957	2/1/2024 19:37	2/2/2024 9:00	802.92	0
345647	2/1/2024 19:37	2/2/2024 9:00	802.92	0
317084	2/1/2024 19:37	2/2/2024 9:00	802.92	0
449377	2/1/2024 19:38	2/1/2024 20:36	58	0
1510338	2/1/2024 19:39	2/2/2024 9:00	800.32	0
324045	2/1/2024 19:39	2/2/2024 9:00	800.92	0
903630	2/1/2024 20:01	2/2/2024 9:00	778.83	0
353728	2/1/2024 20:10	2/2/2024 9:00	769.92	0
449377	2/1/2024 20:36	2/1/2024 20:57	21	0
1350975	2/1/2024 20:49	2/2/2024 9:00	730.72	0
449377	2/1/2024 20:57	2/1/2024 21:13	16	0
449377	2/1/2024 21:13	2/1/2024 22:00	47	0
449377	2/1/2024 22:00	2/1/2024 23:19	79	0
564518	2/1/2024 23:17	2/2/2024 9:00	582.78	0
449377	2/1/2024 23:19	2/1/2024 23:55	36	0

449377	2/1/2024 23:55	2/2/2024 0:58	63	0
25674	2/2/2024 0:30	2/2/2024 9:00	509.92	0
624716	2/2/2024 0:45	2/2/2024 9:00	494.78	0
449377	2/2/2024 0:58	2/2/2024 2:17	79	0
449377	2/2/2024 2:17	2/2/2024 3:04	47	0
449377	2/2/2024 3:04	2/2/2024 3:18	14	0
449377	2/2/2024 3:18	2/2/2024 4:07	49	0
449377	2/2/2024 4:07	2/2/2024 4:28	21	0
449377	2/2/2024 4:28	2/2/2024 5:26	58	0
449377	2/2/2024 5:26	2/2/2024 6:13	47	0
449377	2/2/2024 6:13	2/2/2024 6:29	16	0
449377	2/2/2024 6:29	2/2/2024 7:43	74	0
449377	2/2/2024 7:43	2/2/2024 8:19	36	0
1444809	2/2/2024 7:52	2/2/2024 9:00	67.32	0
1432940	2/2/2024 7:53	2/2/2024 9:00	66.32	0
1433348	2/2/2024 7:55	2/2/2024 9:00	64.32	0
1466445	2/2/2024 7:57	2/2/2024 9:00	62.32	0
347230	2/2/2024 7:57	2/2/2024 9:00	62.92	0
1445317	2/2/2024 8:09	2/2/2024 9:00	50.32	0
1465391	2/2/2024 8:11	2/2/2024 9:00	48.32	0
1465282	2/2/2024 8:12	2/2/2024 9:00	47.32	0
449377	2/2/2024 8:19	2/2/2024 8:30	11	0
280173	2/2/2024 8:23	2/2/2024 9:00	36.92	0
317797	2/2/2024 8:24	2/2/2024 9:00	35.92	0
314945	2/2/2024 8:24	2/2/2024 9:00	35.92	0
315345	2/2/2024 8:25	2/2/2024 9:00	34.92	0
317195	2/2/2024 8:26	2/2/2024 9:00	33.92	0
317233	2/2/2024 8:27	2/2/2024 9:00	32.92	0
315346	2/2/2024 8:28	2/2/2024 9:00	31.92	0
449377	2/2/2024 8:30	2/2/2024 8:49	19	0
7902724	2/2/2024 8:35	2/2/2024 9:00	24.92	0
1466638	2/2/2024 8:38	2/2/2024 9:00	21.32	0
449377	2/2/2024 8:49	2/2/2024 9:00	10.78	0
627018	2/2/2024 8:49	2/2/2024 9:00	10.78	0
971524	2/2/2024 8:53	2/2/2024 9:00	6.78	0
1288420	2/2/2024 8:53	2/2/2024 8:58	5	0
1469956	2/2/2024 8:53	2/2/2024 9:00	6.32	0
627289	2/2/2024 8:53	2/2/2024 9:00	6.78	0
624628	2/2/2024 8:53	2/2/2024 9:00	6.78	0
1469850	2/2/2024 8:53	2/2/2024 9:00	6.32	0
624953	2/2/2024 8:54	2/2/2024 9:00	5.78	0
1469270	2/2/2024 8:55	2/2/2024 9:00	4.32	0
1288420	2/2/2024 8:58	2/2/2024 9:00	1.5	0
8511623	2/2/2024 8:58	2/2/2024 9:00	1.92	0
8668965	2/2/2024 9:00	2/2/2024 10:54	114	0
1394324	2/2/2024 9:00	2/2/2024 19:23	623	0
7194273	2/2/2024 9:00	2/3/2024 9:00	1439.32	0

8766703	2/2/2024 9:00	2/3/2024 9:00	1439.53	0
280173	2/2/2024 9:00	2/2/2024 19:05	605	0
1453263	2/2/2024 9:00	2/2/2024 10:24	84	0
447406	2/2/2024 9:00	2/2/2024 14:24	324	0
1288420	2/2/2024 9:00	2/2/2024 10:54	114	0
1349032	2/2/2024 9:00	2/3/2024 9:00	1439.72	0
275018	2/2/2024 9:00	2/2/2024 19:08	608	0
1348731	2/2/2024 9:00	2/3/2024 9:00	1439.5	0
8950281	2/2/2024 9:00	2/2/2024 11:17	137	0
509233	2/2/2024 9:00	2/2/2024 10:08	68	0
1516786	2/2/2024 9:00	2/3/2024 9:00	1439.32	0
1552447	2/2/2024 9:00	2/3/2024 9:00	1439.32	0
1417138	2/2/2024 9:00	2/3/2024 9:00	1439.72	0
325050	2/2/2024 9:00	2/2/2024 19:34	634	0
1393699	2/2/2024 9:00	2/2/2024 14:35	335.22	0
10222019	2/2/2024 9:00	2/3/2024 9:00	1439.72	0
1680798	2/2/2024 9:00	2/3/2024 9:00	1439.92	0
574993	2/2/2024 9:00	2/2/2024 10:07	67	0
627018	2/2/2024 9:00	2/2/2024 14:20	320	0
1466638	2/2/2024 9:00	2/2/2024 10:06	66	0
1702895	2/2/2024 9:00	2/3/2024 9:00	1439.72	0
51957	2/2/2024 9:00	2/2/2024 11:34	154	0
347230	2/2/2024 9:00	2/2/2024 11:43	163	0
675499	2/2/2024 9:00	2/3/2024 9:00	1439.83	0
562202	2/2/2024 9:00	2/3/2024 9:00	1439.78	0
1552990	2/2/2024 9:00	2/3/2024 9:00	1439.32	0
619266	2/2/2024 9:00	2/2/2024 19:26	626	0
1704044	2/2/2024 9:00	2/3/2024 9:00	1439.5	0
10393495	2/2/2024 9:00	2/2/2024 19:37	637	0.01
353728	2/2/2024 9:00	2/3/2024 9:00	1439.92	0
316997	2/2/2024 9:01	2/2/2024 10:09	68	0
1573666	2/2/2024 9:01	2/2/2024 14:57	356	0
8524544	2/2/2024 9:02	2/2/2024 19:26	624	0
8387677	2/2/2024 9:02	2/2/2024 10:26	84	0
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1513541	2/2/2024 9:06	2/3/2024 9:00	1433.32	0
724904	2/2/2024 9:07	2/2/2024 11:39	152	0
1432940	2/2/2024 9:07	2/2/2024 19:26	619	0
6761269	2/2/2024 9:07	2/2/2024 16:12	425	0
506381	2/2/2024 9:07	2/2/2024 14:21	314	0
1422300	2/2/2024 9:07	2/3/2024 9:00	1432.5	0
1333801	2/2/2024 9:07	2/2/2024 11:39	152	0
1307575	2/2/2024 9:07	2/2/2024 19:32	625	0
484691	2/2/2024 9:07	2/3/2024 9:00	1432.78	0
726904	2/2/2024 9:07	2/3/2024 9:00	1432.83	0
319279	2/2/2024 9:08	2/3/2024 9:00	1431.92	0
505208	2/2/2024 9:08	2/2/2024 14:23	315	0

317195	2/2/2024 9:08	2/2/2024 10:27	79	0
8148103	2/2/2024 9:08	2/2/2024 10:11	63	0
1465391	2/2/2024 9:08	2/2/2024 19:17	609	0
971524	2/2/2024 9:09	2/2/2024 14:24	315	0
624628	2/2/2024 9:09	2/2/2024 14:24	315	0
554089	2/2/2024 9:09	2/3/2024 9:00	1430.78	0
1445317	2/2/2024 9:09	2/2/2024 14:29	320	0
627289	2/2/2024 9:09	2/2/2024 14:24	315	0
624953	2/2/2024 9:09	2/2/2024 14:24	315	0
367730	2/2/2024 9:09	2/2/2024 11:24	135	0
315306	2/2/2024 9:10	2/2/2024 10:08	58	0
314945	2/2/2024 9:11	2/2/2024 19:31	620	0
1444809	2/2/2024 9:11	2/2/2024 14:26	315	0
1466445	2/2/2024 9:11	2/2/2024 19:22	611	0
1272457	2/2/2024 9:12	2/2/2024 19:18	606	0
415131	2/2/2024 9:13	2/2/2024 14:12	299	0
367082	2/2/2024 9:14	2/2/2024 11:25	131	0
1433348	2/2/2024 9:14	2/2/2024 19:28	614	0
8604423	2/2/2024 9:16	2/2/2024 11:22	126	0
7902724	2/2/2024 9:17	2/2/2024 10:04	47	0
1465703	2/2/2024 9:21	2/2/2024 11:53	152	0
1321605	2/2/2024 9:23	2/2/2024 14:28	305	0
1494722	2/2/2024 9:27	2/2/2024 14:26	299	0
315169	2/2/2024 9:30	2/2/2024 10:02	32	0
315730	2/2/2024 9:31	2/2/2024 10:03	32	0
7178975	2/2/2024 9:31	2/2/2024 10:03	32	0
314188	2/2/2024 9:31	2/2/2024 10:03	32	0
1430644	2/2/2024 9:32	2/2/2024 11:49	137	0
980398	2/2/2024 9:33	2/2/2024 11:44	131	0
561757	2/2/2024 9:35	2/2/2024 10:39	64	0
1551513	2/2/2024 9:35	2/2/2024 19:23	588	0.29
10013697	2/2/2024 9:36	2/2/2024 19:19	583	0
324249	2/2/2024 9:36	2/2/2024 19:39	603	0
558031	2/2/2024 9:37	2/2/2024 10:39	62	0
323657	2/2/2024 9:37	2/2/2024 19:33	596	0
317797	2/2/2024 9:37	2/2/2024 19:31	594	0
1350598	2/2/2024 9:38	2/2/2024 19:26	588	0
1551510	2/2/2024 9:38	2/2/2024 19:16	578	0
1469850	2/2/2024 9:38	2/2/2024 19:15	577	0
523489	2/2/2024 9:38	2/2/2024 19:23	585	0
1349502	2/2/2024 9:38	2/2/2024 19:21	583	0.18
314899	2/2/2024 9:38	2/2/2024 19:26	588	0
315345	2/2/2024 9:38	2/2/2024 19:28	590	0
1350104	2/2/2024 9:39	2/2/2024 19:17	578	0
8104722	2/2/2024 9:39	2/2/2024 19:22	583	0
1348444	2/2/2024 9:39	2/2/2024 19:22	583	0.33
323747	2/2/2024 9:39	2/2/2024 19:32	593	0

315346	2/2/2024 9:41	2/2/2024 19:30	589	0
1466357	2/2/2024 9:41	2/2/2024 19:13	572	0
318402	2/2/2024 9:41	2/2/2024 19:24	583	0.05
317084	2/2/2024 9:42	2/2/2024 19:35	593	0
10510361	2/2/2024 9:42	2/2/2024 19:25	583	0
1469270	2/2/2024 9:42	2/2/2024 19:25	583	0
1351588	2/2/2024 9:42	2/2/2024 19:25	583	0
1019446	2/2/2024 9:44	2/2/2024 19:24	580	0.02
1430553	2/2/2024 9:45	2/2/2024 11:46	121	0
1469956	2/2/2024 9:46	2/2/2024 19:13	567	0
1430838	2/2/2024 9:46	2/2/2024 11:49	123	0
1394365	2/2/2024 9:48	2/2/2024 19:22	574	0
1463218	2/2/2024 9:49	2/2/2024 11:49	120	0
500173	2/2/2024 9:49	2/2/2024 19:15	566	0
320966	2/2/2024 9:50	2/2/2024 11:35	105	0
1077082	2/2/2024 9:51	2/2/2024 19:22	571	0
1464949	2/2/2024 9:51	2/2/2024 11:52	121	0
574596	2/2/2024 9:51	2/2/2024 11:41	110	0
9063373	2/2/2024 9:51	2/2/2024 19:25	574	0
455994	2/2/2024 9:52	2/2/2024 10:49	57	0
1310926	2/2/2024 9:53	2/2/2024 19:25	572	0.1
498070	2/2/2024 9:53	2/2/2024 19:20	567	0
1320008	2/2/2024 9:53	2/2/2024 14:27	274.22	0.24
1685329	2/2/2024 9:53	2/2/2024 19:20	567	0
8734349	2/2/2024 9:54	2/2/2024 19:21	567	0
1348780	2/2/2024 9:54	2/2/2024 19:21	567	0
1346455	2/2/2024 9:54	2/2/2024 19:21	567	0
1552154	2/2/2024 9:54	2/2/2024 19:26	572	0.18
510974	2/2/2024 9:55	2/2/2024 14:22	267	0
1349542	2/2/2024 9:55	2/2/2024 19:17	562	0
1309098	2/2/2024 9:55	2/2/2024 19:07	552	0.53
1349244	2/2/2024 9:56	2/2/2024 19:13	557	0
1350499	2/2/2024 9:56	2/2/2024 19:18	562	0
8511623	2/2/2024 9:56	2/2/2024 19:28	572	0
1348300	2/2/2024 9:56	2/2/2024 19:18	562	0.2
1350597	2/2/2024 9:57	2/2/2024 19:19	562	0
1348773	2/2/2024 9:57	2/2/2024 19:18	561	0
1350975	2/2/2024 9:57	2/2/2024 19:18	561	0
1349338	2/2/2024 9:57	2/2/2024 19:19	562	0
1351539	2/2/2024 9:58	2/2/2024 19:25	567	0
1349605	2/2/2024 9:58	2/2/2024 19:21	563	0
1346665	2/2/2024 9:58	2/2/2024 19:20	562	0
1020565	2/2/2024 10:02	2/2/2024 10:12	10	0
315169	2/2/2024 10:02	2/2/2024 19:19	557	0
315730	2/2/2024 10:03	2/2/2024 19:25	562	0
454861	2/2/2024 10:03	2/2/2024 16:05	362	0
47769	2/2/2024 10:03	2/2/2024 19:25	562	0

7178975	2/2/2024 10:03	2/2/2024 19:25	562	0
456099	2/2/2024 10:03	2/2/2024 16:08	365	0
314188	2/2/2024 10:03	2/2/2024 19:25	562	0
1704232	2/2/2024 10:04	2/2/2024 19:21	557	0
455345	2/2/2024 10:04	2/2/2024 16:05	361	0
457978	2/2/2024 10:04	2/2/2024 16:07	363	0
1412757	2/2/2024 10:04	2/2/2024 11:33	89	0
7902724	2/2/2024 10:04	2/2/2024 10:20	16	0
49209	2/2/2024 10:05	2/2/2024 19:32	567	0
1466638	2/2/2024 10:06	2/2/2024 10:21	15	0
945898	2/2/2024 10:06	2/2/2024 19:17	551	0
601397	2/2/2024 10:06	2/2/2024 11:40	94	0
626477	2/2/2024 10:06	2/2/2024 10:22	16	0
605186	2/2/2024 10:06	2/2/2024 11:36	90	0
506261	2/2/2024 10:06	2/2/2024 14:23	257	0
1320646	2/2/2024 10:07	2/2/2024 11:10	63	0
1321114	2/2/2024 10:07	2/2/2024 11:10	63	0
454901	2/2/2024 10:07	2/2/2024 16:03	356	0
574993	2/2/2024 10:07	2/2/2024 10:12	5	0
1320845	2/2/2024 10:07	2/2/2024 10:39	32	0
624716	2/2/2024 10:07	2/2/2024 10:22	15	0
8206792	2/2/2024 10:07	2/2/2024 14:24	257	0
1450250	2/2/2024 10:07	2/2/2024 14:23	256	0
8972545	2/2/2024 10:07	2/2/2024 19:17	550	0
315306	2/2/2024 10:08	2/2/2024 19:29	561	0.15
1320619	2/2/2024 10:08	2/2/2024 11:06	58	0
509233	2/2/2024 10:08	2/2/2024 14:25	257	0
1515733	2/2/2024 10:08	2/2/2024 10:23	15	0
740241	2/2/2024 10:08	2/3/2024 9:00	1371.83	0
316997	2/2/2024 10:09	2/2/2024 19:26	557	0.19
664453	2/2/2024 10:09	2/2/2024 19:25	556	0
1447297	2/2/2024 10:10	2/2/2024 19:16	546	0
1524033	2/2/2024 10:10	2/2/2024 14:11	241	0
1349766	2/2/2024 10:10	2/3/2024 9:00	1369.72	0
8148103	2/2/2024 10:11	2/2/2024 19:28	557	0.3
10714479	2/2/2024 10:11	2/2/2024 19:27	556	0.17
1349083	2/2/2024 10:11	2/3/2024 9:00	1368.72	0
954637	2/2/2024 10:11	2/2/2024 11:45	94	0
1346410	2/2/2024 10:11	2/2/2024 19:23	552	0.01
1351069	2/2/2024 10:12	2/3/2024 9:00	1367.5	0
1348976	2/2/2024 10:12	2/3/2024 9:00	1367.72	0
1020565	2/2/2024 10:12	2/2/2024 10:59	47	0
378229	2/2/2024 10:12	2/2/2024 14:29	257	0
574993	2/2/2024 10:12	2/2/2024 10:23	11	0
1346671	2/2/2024 10:13	2/2/2024 19:24	551	0
547577	2/2/2024 10:13	2/2/2024 11:48	95	0
954332	2/2/2024 10:13	2/2/2024 11:42	89	0

1447211	2/2/2024 10:13	2/2/2024 19:18	545	0
1251782	2/2/2024 10:13	2/2/2024 10:19	6	0
346347	2/2/2024 10:13	2/2/2024 11:48	95	0
344958	2/2/2024 10:14	2/2/2024 11:43	89	0
346135	2/2/2024 10:14	2/2/2024 11:43	89	0
817260	2/2/2024 10:14	2/2/2024 19:25	551	0
345957	2/2/2024 10:15	2/2/2024 11:44	89	0
1430294	2/2/2024 10:17	2/2/2024 11:47	90	0
274125	2/2/2024 10:18	2/2/2024 19:51	573	0
561672	2/2/2024 10:18	2/2/2024 19:34	556	0
449036	2/2/2024 10:18	2/2/2024 11:31	73	0
274059	2/2/2024 10:18	2/2/2024 19:28	550	0
980132	2/2/2024 10:18	2/2/2024 11:47	89	0
1251782	2/2/2024 10:19	2/2/2024 19:35	556	0
1265778	2/2/2024 10:20	2/2/2024 19:21	541	0
7902724	2/2/2024 10:20	2/2/2024 11:02	42	0
449377	2/2/2024 10:20	2/2/2024 10:31	11	0
1466638	2/2/2024 10:21	2/2/2024 11:09	48	0
510307	2/2/2024 10:21	2/2/2024 14:23	242	0
507365	2/2/2024 10:21	2/2/2024 14:23	242	0
626477	2/2/2024 10:22	2/2/2024 10:54	32	0
624716	2/2/2024 10:22	2/2/2024 10:54	32	0
1511251	2/2/2024 10:22	2/2/2024 19:17	535	0
1555268	2/2/2024 10:23	2/2/2024 19:28	545	0
574993	2/2/2024 10:23	2/2/2024 10:28	5	0
1515733	2/2/2024 10:23	2/2/2024 11:37	74	0
7932279	2/2/2024 10:23	2/2/2024 14:25	242	0
8486022	2/2/2024 10:24	2/2/2024 14:26	242	0
793690	2/2/2024 10:24	2/2/2024 14:10	226	0
511266	2/2/2024 10:24	2/2/2024 14:25	241	0
656343	2/2/2024 10:24	2/2/2024 19:25	541	0
1453263	2/2/2024 10:24	2/2/2024 10:39	15	0
315088	2/2/2024 10:25	2/2/2024 19:25	540	0
1511264	2/2/2024 10:25	2/2/2024 19:21	536	0
790670	2/2/2024 10:25	2/2/2024 14:11	226	0
6714863	2/2/2024 10:25	2/2/2024 14:11	226	0
8387677	2/2/2024 10:26	2/2/2024 10:42	16	0
793285	2/2/2024 10:26	2/2/2024 14:12	226	0
317195	2/2/2024 10:27	2/2/2024 10:42	15	0
29635	2/2/2024 10:27	2/2/2024 15:00	273	0
313269	2/2/2024 10:27	2/2/2024 19:37	550	0
1446401	2/2/2024 10:27	2/2/2024 14:26	239	0.05
1375227	2/2/2024 10:28	2/2/2024 13:58	210	0
574993	2/2/2024 10:28	2/2/2024 11:05	37	0
1376158	2/2/2024 10:28	2/2/2024 14:07	218.78	0
317233	2/2/2024 10:29	2/2/2024 19:26	537	0.02
449377	2/2/2024 10:31	2/2/2024 10:57	26	0

1493132	2/2/2024 10:31	2/2/2024 14:01	210	0
1395587	2/2/2024 10:31	2/2/2024 19:21	530	0
995564	2/2/2024 10:32	2/2/2024 19:17	525	0
1415828	2/2/2024 10:33	2/2/2024 19:08	515	0
328570	2/2/2024 10:33	2/2/2024 11:47	74	0
1416360	2/2/2024 10:34	2/2/2024 19:18	524	0
997397	2/2/2024 10:34	2/2/2024 19:24	530	0
10659831	2/2/2024 10:35	2/2/2024 19:43	548	0
1547686	2/2/2024 10:35	2/2/2024 19:20	525	0
1549376	2/2/2024 10:36	2/2/2024 19:21	525	0
70277	2/2/2024 10:36	2/2/2024 19:31	535	0
1547843	2/2/2024 10:36	2/2/2024 19:26	530	0.09
1321750	2/2/2024 10:36	2/2/2024 14:22	226	0
1550815	2/2/2024 10:36	2/2/2024 19:20	524	0
1414392	2/2/2024 10:36	2/2/2024 19:16	520	0
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1457350	2/2/2024 10:37	2/2/2024 10:42	5	0
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623069	2/2/2024 10:37	2/2/2024 10:53	16	0
623871	2/2/2024 10:37	2/2/2024 10:53	16	0
1546695	2/2/2024 10:37	2/2/2024 19:22	525	0
511223	2/2/2024 10:38	2/2/2024 14:51	253	0
1547692	2/2/2024 10:38	2/2/2024 19:29	531	0
509102	2/2/2024 10:38	2/2/2024 14:56	258	0
658658	2/2/2024 10:38	2/2/2024 19:29	531	0.11
70866	2/2/2024 10:39	2/2/2024 19:35	536	0
623612	2/2/2024 10:39	2/2/2024 10:49	10	0
510522	2/2/2024 10:39	2/2/2024 14:52	253	0
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1453263	2/2/2024 10:39	2/2/2024 10:55	16	0
1320845	2/2/2024 10:39	2/2/2024 19:19	520	0.05
1549436	2/2/2024 10:39	2/2/2024 19:29	530	0
561757	2/2/2024 10:39	2/2/2024 11:05	26	0
800590	2/2/2024 10:40	2/2/2024 19:25	525	0
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1190246	2/2/2024 10:40	2/2/2024 19:14	514	0
160073	2/2/2024 10:40	2/2/2024 19:09	509	0
553863	2/2/2024 10:41	2/2/2024 11:39	58	0
800588	2/2/2024 10:41	2/2/2024 19:59	558	0
800576	2/2/2024 10:41	2/2/2024 19:26	525	0
317195	2/2/2024 10:42	2/2/2024 15:44	302	0
8387677	2/2/2024 10:42	2/2/2024 19:27	525	0
1457350	2/2/2024 10:42	2/3/2024 9:00	1337.32	0
593397	2/2/2024 10:44	2/2/2024 19:21	517	0
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1378128	2/2/2024 10:46	2/2/2024 14:01	195	0
68308	2/2/2024 10:47	2/2/2024 19:32	525	0

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817825	2/2/2024 10:48	2/2/2024 19:27	519	0
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455994	2/2/2024 10:49	2/2/2024 11:37	48	0
624489	2/2/2024 10:49	2/2/2024 14:21	212	0
623612	2/2/2024 10:49	2/2/2024 14:19	210	0
816722	2/2/2024 10:49	2/2/2024 19:13	504	0
1664433	2/2/2024 10:49	2/2/2024 14:08	199	0
593798	2/2/2024 10:49	2/2/2024 19:24	515	0
629735	2/2/2024 10:50	2/3/2024 9:00	1329.78	0
324045	2/2/2024 10:51	2/2/2024 19:34	523	0.01
1516579	2/2/2024 10:52	2/2/2024 10:57	5	0
623871	2/2/2024 10:53	2/2/2024 14:24	211	0
623069	2/2/2024 10:53	2/2/2024 14:23	210	0
624411	2/2/2024 10:53	2/2/2024 14:23	210	0
8668965	2/2/2024 10:54	2/2/2024 14:24	210	0
624716	2/2/2024 10:54	2/2/2024 14:24	210	0.2
626477	2/2/2024 10:54	2/2/2024 14:24	210	0
1288420	2/2/2024 10:54	2/2/2024 10:59	5	0
552210	2/2/2024 10:54	2/2/2024 14:08	194	0
626600	2/2/2024 10:54	2/2/2024 14:24	210	0
1332906	2/2/2024 10:54	2/2/2024 11:36	42	0
21306	2/2/2024 10:54	2/2/2024 11:57	63	0
21820	2/2/2024 10:54	2/2/2024 11:55	61	0
1453263	2/2/2024 10:55	2/2/2024 14:25	210	0
1516579	2/2/2024 10:57	2/2/2024 11:07	10	0
449377	2/2/2024 10:57	2/2/2024 12:05	68	0
1465282	2/2/2024 10:58	2/2/2024 19:22	504	0
1378273	2/2/2024 10:59	2/2/2024 13:58	179	0
1020565	2/2/2024 10:59	2/2/2024 19:24	505	0
8495802	2/2/2024 10:59	2/2/2024 19:17	498	0.38
1288420	2/2/2024 10:59	2/2/2024 11:04	5	0
1378582	2/2/2024 11:01	2/2/2024 11:38	37	0
7902724	2/2/2024 11:02	2/2/2024 11:18	16	0
416557	2/2/2024 11:02	2/2/2024 19:05	483	0
1288420	2/2/2024 11:04	2/2/2024 11:09	5	0
1672784	2/2/2024 11:05	2/3/2024 9:00	1314.78	0
561757	2/2/2024 11:05	2/2/2024 11:21	16	0
574993	2/2/2024 11:05	2/2/2024 11:10	5	0
8068454	2/2/2024 11:05	2/2/2024 19:34	509	0
1320619	2/2/2024 11:06	2/2/2024 14:22	196	0
558031	2/2/2024 11:06	2/2/2024 11:21	15	0
772378	2/2/2024 11:07	2/2/2024 19:21	494	0
267537	2/2/2024 11:07	2/3/2024 9:00	1312.92	0
1516579	2/2/2024 11:07	2/2/2024 11:12	5	0

646026	2/2/2024 11:07	2/2/2024 19:21	494	0
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1466638	2/2/2024 11:09	2/2/2024 11:19	10	0
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1320646	2/2/2024 11:10	2/2/2024 14:24	194	0.19
574993	2/2/2024 11:10	2/2/2024 11:21	11	0
645339	2/2/2024 11:10	2/2/2024 19:13	483	0
955448	2/2/2024 11:11	2/2/2024 11:43	32	0
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1456419	2/2/2024 11:12	2/2/2024 14:27	195	0
1516579	2/2/2024 11:12	2/2/2024 11:23	11	0
346185	2/2/2024 11:12	2/2/2024 11:44	32	0
957216	2/2/2024 11:14	2/2/2024 11:46	32	0
956125	2/2/2024 11:15	2/2/2024 11:41	26	0
1393633	2/2/2024 11:16	2/2/2024 14:35	199	0.29
957615	2/2/2024 11:16	2/2/2024 11:42	26	0
1405290	2/2/2024 11:17	2/2/2024 14:31	194	0
430114	2/2/2024 11:17	2/2/2024 11:33	16	0
8950281	2/2/2024 11:17	2/2/2024 11:33	16	0
7902724	2/2/2024 11:18	2/2/2024 15:04	226	0
1466638	2/2/2024 11:19	2/2/2024 11:50	31	0
51483	2/2/2024 11:19	2/2/2024 11:35	16	0
195839	2/2/2024 11:20	2/2/2024 12:28	68	0
196965	2/2/2024 11:20	2/2/2024 11:36	16	0
1431804	2/2/2024 11:20	2/2/2024 19:17	477	0
1288420	2/2/2024 11:20	2/2/2024 11:25	5	0
574993	2/2/2024 11:21	2/2/2024 11:26	5	0
558031	2/2/2024 11:21	2/2/2024 11:37	16	0
561757	2/2/2024 11:21	2/2/2024 11:36	15	0
197356	2/2/2024 11:21	2/2/2024 11:37	16	0
197561	2/2/2024 11:21	2/2/2024 11:37	16	0
196408	2/2/2024 11:21	2/2/2024 11:37	16	0
197883	2/2/2024 11:22	2/2/2024 11:38	16	0
1555376	2/2/2024 11:22	2/2/2024 19:25	483	0
8604423	2/2/2024 11:22	2/2/2024 12:09	47	0
127206	2/2/2024 11:22	2/3/2024 9:00	1297.92	0
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197629	2/2/2024 11:24	2/2/2024 11:39	15	0
1554677	2/2/2024 11:24	2/2/2024 19:25	481	0
367730	2/2/2024 11:24	2/2/2024 11:40	16	0
381982	2/2/2024 11:25	2/2/2024 11:41	16	0
380057	2/2/2024 11:25	2/2/2024 11:41	16	0
367082	2/2/2024 11:25	2/2/2024 11:41	16	0
10371746	2/2/2024 11:25	2/2/2024 11:41	16	0
1288420	2/2/2024 11:25	2/2/2024 11:36	11	0
7879030	2/2/2024 11:25	2/2/2024 11:41	16	0
658177	2/2/2024 11:26	2/2/2024 19:18	472	0

316582	2/2/2024 11:26	2/2/2024 19:31	485	0
574993	2/2/2024 11:26	2/2/2024 11:36	10	0
549259	2/2/2024 11:27	2/2/2024 11:42	15	0
8910809	2/2/2024 11:27	2/2/2024 11:43	16	0
385332	2/2/2024 11:27	2/2/2024 19:06	459	0
317126	2/2/2024 11:27	2/2/2024 19:35	488	0
26864	2/2/2024 11:27	2/2/2024 14:26	179	0
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1516579	2/2/2024 11:28	2/2/2024 11:39	11	0
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1515678	2/2/2024 11:31	2/2/2024 12:03	32	0
449036	2/2/2024 11:31	2/2/2024 14:20	169	0
1514677	2/2/2024 11:32	2/2/2024 12:08	36	0
308959	2/2/2024 11:32	2/3/2024 9:00	1287.92	0
8950281	2/2/2024 11:33	2/2/2024 19:30	477	0
69207	2/2/2024 11:33	2/2/2024 19:41	488	0
430114	2/2/2024 11:33	2/2/2024 19:21	468	0
1412757	2/2/2024 11:33	2/2/2024 11:49	16	0
51957	2/2/2024 11:34	2/2/2024 19:37	483	0
1514004	2/2/2024 11:34	2/2/2024 12:00	26	0
309961	2/2/2024 11:35	2/3/2024 9:00	1284.92	0
51483	2/2/2024 11:35	2/2/2024 19:27	472	0
320966	2/2/2024 11:35	2/2/2024 11:45	10	0
574993	2/2/2024 11:36	2/2/2024 11:42	6	0
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1288420	2/2/2024 11:36	2/2/2024 11:41	5	0
196965	2/2/2024 11:36	2/2/2024 14:24	168	0
561757	2/2/2024 11:36	2/2/2024 19:23	467	0
1332906	2/2/2024 11:36	2/2/2024 12:39	63	0
68620	2/2/2024 11:37	2/2/2024 19:35	478	0
197561	2/2/2024 11:37	2/2/2024 14:25	168	0
196408	2/2/2024 11:37	2/2/2024 14:19	162	0
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455994	2/2/2024 11:37	2/2/2024 14:51	194	0
197356	2/2/2024 11:37	2/2/2024 14:20	163	0
1515733	2/2/2024 11:37	2/2/2024 11:53	16	0
1683861	2/2/2024 11:38	2/2/2024 15:54	256	0
197883	2/2/2024 11:38	2/2/2024 14:21	163	0
1378582	2/2/2024 11:38	2/2/2024 19:07	449	0
197629	2/2/2024 11:39	2/2/2024 14:22	163	0
1333801	2/2/2024 11:39	2/2/2024 12:37	58	0
1516579	2/2/2024 11:39	2/2/2024 11:44	5	0
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724904	2/2/2024 11:39	2/2/2024 11:55	16	0
367730	2/2/2024 11:40	2/2/2024 11:56	16	0
601397	2/2/2024 11:40	2/2/2024 15:36	236	0
632100	2/2/2024 11:41	2/3/2024 9:00	1278.78	0

1288420	2/2/2024 11:41	2/2/2024 11:52	11	0
956125	2/2/2024 11:41	2/2/2024 11:57	16	0
7879030	2/2/2024 11:41	2/2/2024 12:44	63	0
381982	2/2/2024 11:41	2/2/2024 12:44	63	0
574596	2/2/2024 11:41	2/2/2024 11:51	10	0
10371746	2/2/2024 11:41	2/2/2024 11:56	15	0
367082	2/2/2024 11:41	2/2/2024 11:56	15	0
380057	2/2/2024 11:41	2/2/2024 12:44	63	0
549259	2/2/2024 11:42	2/2/2024 11:58	16	0
954332	2/2/2024 11:42	2/2/2024 11:58	16	0
574993	2/2/2024 11:42	2/2/2024 11:52	10	0
957615	2/2/2024 11:42	2/2/2024 11:58	16	0
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347230	2/2/2024 11:43	2/2/2024 15:45	242	0
344958	2/2/2024 11:43	2/2/2024 15:44	241	0
6995795	2/2/2024 11:43	2/2/2024 12:41	58	0
955448	2/2/2024 11:43	2/2/2024 11:59	16	0
8910809	2/2/2024 11:43	2/2/2024 12:41	58	0
980398	2/2/2024 11:44	2/2/2024 12:00	16	0
346185	2/2/2024 11:44	2/2/2024 19:26	462	0
345957	2/2/2024 11:44	2/2/2024 15:46	242	0.03
1516579	2/2/2024 11:44	2/2/2024 11:54	10	0
954637	2/2/2024 11:45	2/2/2024 11:56	11	0
320966	2/2/2024 11:45	2/2/2024 12:32	47	0
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957216	2/2/2024 11:46	2/2/2024 11:57	11	0
328570	2/2/2024 11:47	2/2/2024 12:02	15	0
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980132	2/2/2024 11:47	2/2/2024 12:03	16	0
547577	2/2/2024 11:48	2/2/2024 15:49	241	0
346347	2/2/2024 11:48	2/2/2024 15:44	236	0
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860281	2/2/2024 11:49	2/2/2024 12:05	16	0
1463218	2/2/2024 11:49	2/2/2024 14:22	153	0
1466638	2/2/2024 11:50	2/2/2024 12:54	64	0
574596	2/2/2024 11:51	2/2/2024 12:11	20	0
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1288420	2/2/2024 11:52	2/2/2024 11:57	5	0
574993	2/2/2024 11:52	2/2/2024 11:57	5	0
859747	2/2/2024 11:52	2/2/2024 12:08	16	0
1465703	2/2/2024 11:53	2/2/2024 12:50	57	0
1515733	2/2/2024 11:53	2/2/2024 12:40	47	0.05
1516579	2/2/2024 11:54	2/2/2024 12:00	6	0
553863	2/2/2024 11:54	2/2/2024 13:08	74	0

724904	2/2/2024 11:55	2/2/2024 12:06	11	0
21820	2/2/2024 11:55	2/2/2024 14:42	167	0
367082	2/2/2024 11:56	2/3/2024 9:00	1263.78	0
367730	2/2/2024 11:56	2/3/2024 9:00	1263.78	0
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954637	2/2/2024 11:56	2/2/2024 12:12	16	0
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957216	2/2/2024 11:57	2/2/2024 12:12	15	0
21306	2/2/2024 11:57	2/2/2024 13:09	72	0
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954332	2/2/2024 11:58	2/2/2024 12:14	16	0
549259	2/2/2024 11:58	2/2/2024 12:14	16	0
955448	2/2/2024 11:59	2/2/2024 12:14	15	0
1516579	2/2/2024 12:00	2/2/2024 14:21	141	0
1407628	2/2/2024 12:00	2/3/2024 9:00	1259.72	0
1514004	2/2/2024 12:00	2/2/2024 14:32	152	0
980398	2/2/2024 12:00	2/2/2024 15:09	189	0
1407632	2/2/2024 12:00	2/3/2024 9:00	1259.72	0
1407947	2/2/2024 12:01	2/3/2024 9:00	1258.72	0
1515964	2/2/2024 12:01	2/2/2024 14:17	136	0
328113	2/2/2024 12:02	2/2/2024 12:34	32	0
328570	2/2/2024 12:02	2/2/2024 12:34	32	0
756553	2/2/2024 12:03	2/3/2024 9:00	1256.78	0
1515678	2/2/2024 12:03	2/2/2024 19:34	451	0
980132	2/2/2024 12:03	2/2/2024 12:14	11	0
860281	2/2/2024 12:05	2/2/2024 13:08	63	0
1412757	2/2/2024 12:05	2/2/2024 14:21	136	0
449377	2/2/2024 12:05	2/2/2024 12:42	37	0
724904	2/2/2024 12:06	2/3/2024 9:00	1253.83	0
1288420	2/2/2024 12:07	2/2/2024 12:12	5	0
859747	2/2/2024 12:08	2/2/2024 13:06	58	0
1514677	2/2/2024 12:08	2/2/2024 19:29	441	0
574993	2/2/2024 12:08	2/2/2024 12:13	5	0
8604423	2/2/2024 12:09	2/2/2024 12:19	10	0
574596	2/2/2024 12:11	2/2/2024 13:55	104	0
23462	2/2/2024 12:11	2/2/2024 14:12	121	0
954637	2/2/2024 12:12	2/2/2024 12:59	47	0
957216	2/2/2024 12:12	2/2/2024 13:00	48	0
10371746	2/2/2024 12:12	2/2/2024 14:29	137	0
1288420	2/2/2024 12:12	2/2/2024 12:23	11	0
574993	2/2/2024 12:13	2/2/2024 12:24	11	0
956125	2/2/2024 12:13	2/2/2024 13:00	47	0.04
957615	2/2/2024 12:13	2/2/2024 13:01	48	0
25066	2/2/2024 12:13	2/2/2024 19:34	441	0

189581	2/2/2024 12:14	2/2/2024 15:13	179	0
980132	2/2/2024 12:14	2/2/2024 14:14	120	0
169731	2/2/2024 12:14	2/3/2024 9:00	1245.92	0
549259	2/2/2024 12:14	2/2/2024 14:25	131	0
954332	2/2/2024 12:14	2/2/2024 13:01	47	0
955448	2/2/2024 12:14	2/2/2024 12:56	42	0
23566	2/2/2024 12:15	2/2/2024 19:31	436	0
174362	2/2/2024 12:15	2/3/2024 9:00	1244.92	0
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8604423	2/2/2024 12:19	2/2/2024 12:35	16	0
1288420	2/2/2024 12:23	2/2/2024 12:28	5	0
574993	2/2/2024 12:24	2/2/2024 12:29	5	0
1288420	2/2/2024 12:28	2/2/2024 13:37	69	0
195839	2/2/2024 12:28	2/2/2024 14:24	116	0
574993	2/2/2024 12:29	2/2/2024 13:37	68	0
13912	2/2/2024 12:31	2/2/2024 19:31	420	0
320966	2/2/2024 12:32	2/2/2024 15:47	195	0
328113	2/2/2024 12:34	2/2/2024 14:19	105	0.01
328570	2/2/2024 12:34	2/3/2024 9:00	1225.92	0.01
8604423	2/2/2024 12:35	2/2/2024 13:28	53	0
1333801	2/2/2024 12:37	2/2/2024 14:22	105	0
1332906	2/2/2024 12:39	2/2/2024 14:24	105	0
1515733	2/2/2024 12:40	2/2/2024 14:25	105	0.01
8910809	2/2/2024 12:41	2/3/2024 9:00	1218.78	0
6995795	2/2/2024 12:41	2/3/2024 9:00	1218.78	0
449377	2/2/2024 12:42	2/2/2024 12:52	10	0
1565203	2/2/2024 12:42	2/2/2024 14:59	137	0
34905	2/2/2024 12:42	2/2/2024 15:30	168	0
380057	2/2/2024 12:44	2/3/2024 9:00	1215.78	0
7879030	2/2/2024 12:44	2/3/2024 9:00	1215.78	0
381982	2/2/2024 12:44	2/3/2024 9:00	1215.78	0
1465703	2/2/2024 12:50	2/2/2024 16:20	210	0
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1466638	2/2/2024 12:54	2/2/2024 13:51	57	0
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954637	2/2/2024 12:59	2/2/2024 14:44	105	0
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957216	2/2/2024 13:00	2/2/2024 14:45	105	0
954332	2/2/2024 13:01	2/2/2024 14:46	105	0
14239	2/2/2024 13:01	2/3/2024 9:00	1198.92	0
957615	2/2/2024 13:01	2/2/2024 14:41	100	0
11435788	2/2/2024 13:03	2/3/2024 9:00	1196.92	0
859747	2/2/2024 13:06	2/2/2024 14:24	78	0
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860281	2/2/2024 13:08	2/2/2024 14:22	74	0
658642	2/2/2024 13:09	2/2/2024 19:28	379	0
21306	2/2/2024 13:09	2/2/2024 14:38	89	0

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34832	2/2/2024 13:13	2/2/2024 13:29	16	0
35442	2/2/2024 13:14	2/2/2024 13:29	15	0
27483	2/2/2024 13:15	2/2/2024 13:46	31	0
1430644	2/2/2024 13:18	2/2/2024 14:16	58	0
1430838	2/2/2024 13:18	2/2/2024 13:49	31	0
1430553	2/2/2024 13:21	2/2/2024 13:47	26	0.01
34887	2/2/2024 13:26	2/2/2024 19:34	368	0
188639	2/2/2024 13:26	2/2/2024 13:42	16	0
25674	2/2/2024 13:27	2/2/2024 13:43	16	0
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29848	2/2/2024 13:29	2/2/2024 13:45	16	0
1624452	2/2/2024 13:34	2/2/2024 19:10	336	0
352652	2/2/2024 13:34	2/3/2024 9:00	1165.92	0
352964	2/2/2024 13:34	2/3/2024 9:00	1165.92	0
352962	2/2/2024 13:34	2/3/2024 9:00	1165.92	0
1288420	2/2/2024 13:37	2/2/2024 13:42	5	0
574993	2/2/2024 13:37	2/2/2024 13:42	5	0
105666	2/2/2024 13:38	2/3/2024 9:00	1161.92	0
1288420	2/2/2024 13:42	2/2/2024 13:52	10	0
30471	2/2/2024 13:42	2/2/2024 15:11	89	0
574993	2/2/2024 13:42	2/2/2024 13:53	11	0
188639	2/2/2024 13:42	2/2/2024 14:56	74	0
28509	2/2/2024 13:43	2/2/2024 15:12	89	0
25674	2/2/2024 13:43	2/2/2024 14:51	68	0
24124	2/2/2024 13:44	2/2/2024 19:41	357	0
399291	2/2/2024 13:44	2/2/2024 19:30	346	0
29848	2/2/2024 13:45	2/2/2024 15:14	89	0.04
27483	2/2/2024 13:46	2/2/2024 15:10	84	0
1430294	2/2/2024 13:47	2/2/2024 14:19	32	0
1430553	2/2/2024 13:47	2/2/2024 14:18	31	0.05
1430838	2/2/2024 13:49	2/2/2024 14:16	27	0
1466638	2/2/2024 13:51	2/2/2024 14:39	48	0
1288420	2/2/2024 13:52	2/2/2024 13:57	5	0
574993	2/2/2024 13:53	2/2/2024 13:58	5	0
574596	2/2/2024 13:55	2/2/2024 14:06	11	0
1288420	2/2/2024 13:57	2/2/2024 14:08	11	0
1375227	2/2/2024 13:58	2/2/2024 14:14	16	0
1378273	2/2/2024 13:58	2/2/2024 14:45	47	0
574993	2/2/2024 13:58	2/2/2024 14:09	11	0
450309	2/2/2024 14:01	2/3/2024 9:00	1138.78	0
1378128	2/2/2024 14:01	2/2/2024 15:19	78	0
1493132	2/2/2024 14:01	2/2/2024 14:16	15	0.04
574596	2/2/2024 14:06	2/2/2024 14:22	16	0
1376158	2/2/2024 14:07	2/2/2024 16:16	129.22	0

552210	2/2/2024 14:08	2/2/2024 14:40	32	0
1288420	2/2/2024 14:08	2/2/2024 14:13	5	0
1664433	2/2/2024 14:08	2/2/2024 15:37	89	0
1518000	2/2/2024 14:09	2/2/2024 19:23	314	0
574993	2/2/2024 14:09	2/2/2024 14:14	5	0
793690	2/2/2024 14:10	2/2/2024 14:25	15	0
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790670	2/2/2024 14:11	2/2/2024 14:26	15	0
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1524033	2/2/2024 14:11	2/2/2024 14:27	16	0
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23462	2/2/2024 14:12	2/2/2024 19:32	320	0
793285	2/2/2024 14:12	2/2/2024 14:23	11	0
1288420	2/2/2024 14:13	2/2/2024 14:34	21	0
1375227	2/2/2024 14:14	2/2/2024 19:24	310	0
980132	2/2/2024 14:14	2/2/2024 14:30	16	0
574993	2/2/2024 14:14	2/2/2024 14:25	11	0
1430838	2/2/2024 14:16	2/2/2024 14:31	15	0
1430644	2/2/2024 14:16	2/2/2024 14:32	16	0
1493132	2/2/2024 14:16	2/2/2024 19:26	310	0
1515964	2/2/2024 14:17	2/2/2024 19:27	310	0
1430553	2/2/2024 14:18	2/2/2024 14:34	16	0
1430294	2/2/2024 14:19	2/2/2024 14:35	16	0
196408	2/2/2024 14:19	2/2/2024 14:35	16	0
328113	2/2/2024 14:19	2/2/2024 19:23	304	0
1464949	2/2/2024 14:19	2/2/2024 14:34	15	0
623612	2/2/2024 14:19	2/2/2024 19:24	305	0
197356	2/2/2024 14:20	2/2/2024 14:35	15	0
627018	2/2/2024 14:20	2/2/2024 14:36	16	0
265473	2/2/2024 14:20	2/3/2024 9:00	1119.92	0
449036	2/2/2024 14:20	2/2/2024 14:35	15	0
197883	2/2/2024 14:21	2/2/2024 14:36	15	0
1412757	2/2/2024 14:21	2/2/2024 14:32	11	0
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506381	2/2/2024 14:21	2/2/2024 19:31	310	0
624489	2/2/2024 14:21	2/2/2024 19:15	294	0
1320619	2/2/2024 14:22	2/2/2024 19:27	305	0
197629	2/2/2024 14:22	2/2/2024 14:38	16	0
860281	2/2/2024 14:22	2/2/2024 14:37	15	0
1463218	2/2/2024 14:22	2/2/2024 14:37	15	0
1333801	2/2/2024 14:22	2/2/2024 15:25	63	0
1321750	2/2/2024 14:22	2/2/2024 19:26	304	0
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1641091	2/2/2024 14:23	2/2/2024 14:54	31	0
623069	2/2/2024 14:23	2/2/2024 19:17	294	0

197690	2/2/2024 14:23	2/2/2024 14:38	15	0
2032900	2/2/2024 14:23	2/2/2024 15:26	63	0
507365	2/2/2024 14:23	2/2/2024 14:38	15	0
793285	2/2/2024 14:23	2/2/2024 14:38	15	0
505208	2/2/2024 14:23	2/2/2024 19:16	293	0
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506261	2/2/2024 14:23	2/2/2024 14:39	16	0
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1523524	2/2/2024 14:23	2/2/2024 14:54	31	0
624411	2/2/2024 14:23	2/2/2024 19:07	284	0
510307	2/2/2024 14:23	2/2/2024 14:38	15	0
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971524	2/2/2024 14:24	2/2/2024 14:40	16	0
8206792	2/2/2024 14:24	2/2/2024 14:40	16	0
195839	2/2/2024 14:24	2/2/2024 14:34	10	0
624716	2/2/2024 14:24	2/2/2024 14:34	10	0
624953	2/2/2024 14:24	2/2/2024 14:35	11	0
1320646	2/2/2024 14:24	2/2/2024 19:29	305.22	0
624628	2/2/2024 14:24	2/2/2024 14:35	11	0
859747	2/2/2024 14:24	2/2/2024 14:35	11	0
623871	2/2/2024 14:24	2/2/2024 19:13	289	0
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447406	2/2/2024 14:24	2/2/2024 15:27	63	0
1321114	2/2/2024 14:24	2/2/2024 19:28	304	0
626600	2/2/2024 14:24	2/2/2024 19:13	289	0
626477	2/2/2024 14:24	2/2/2024 14:34	10	0
196965	2/2/2024 14:24	2/2/2024 14:39	15	0
1332906	2/2/2024 14:24	2/2/2024 15:22	58	0
627289	2/2/2024 14:24	2/2/2024 14:34	10	0
1515733	2/2/2024 14:25	2/2/2024 14:41	16	0
549259	2/2/2024 14:25	2/2/2024 19:17	292	0
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197561	2/2/2024 14:25	2/2/2024 14:35	10	0
373050	2/2/2024 14:25	2/2/2024 19:35	310	0
509233	2/2/2024 14:25	2/2/2024 14:41	16	0
793690	2/2/2024 14:25	2/2/2024 14:41	16	0
8604423	2/2/2024 14:25	2/2/2024 15:23	58	0
574993	2/2/2024 14:25	2/2/2024 14:30	5	0
7932279	2/2/2024 14:25	2/2/2024 15:12	47	0
1453263	2/2/2024 14:25	2/2/2024 14:41	16	0
624901	2/2/2024 14:25	2/2/2024 19:21	296	0
8486022	2/2/2024 14:26	2/2/2024 19:15	289	0
373278	2/2/2024 14:26	2/2/2024 19:31	305	0
373273	2/2/2024 14:26	2/2/2024 19:25	299	0
26864	2/2/2024 14:26	2/2/2024 14:57	31	0
790670	2/2/2024 14:26	2/2/2024 14:42	16	0
1444809	2/2/2024 14:26	2/2/2024 14:42	16	0

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6714863	2/2/2024 14:27	2/2/2024 15:25	58	0
375117	2/2/2024 14:27	2/2/2024 19:10	283	0
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1516579	2/2/2024 14:27	2/2/2024 14:37	10	0
1321605	2/2/2024 14:28	2/2/2024 14:38	10	0
375655	2/2/2024 14:28	2/2/2024 19:27	299	0
10371746	2/2/2024 14:29	2/2/2024 19:12	283	0
378229	2/2/2024 14:29	2/2/2024 19:34	305	0
1445317	2/2/2024 14:29	2/2/2024 14:39	10	0
1406535	2/2/2024 14:30	2/2/2024 15:12	42	0.12
574993	2/2/2024 14:30	2/2/2024 14:35	5	0
980132	2/2/2024 14:30	2/2/2024 15:01	31	0
1430838	2/2/2024 14:31	2/2/2024 14:48	17	0
1405290	2/2/2024 14:31	2/2/2024 15:13	42	0
1412757	2/2/2024 14:32	2/2/2024 14:47	15	0
259674	2/2/2024 14:32	2/2/2024 19:26	294	0
1430644	2/2/2024 14:32	2/2/2024 14:47	15	0
1514004	2/2/2024 14:32	2/2/2024 14:48	16	0
449377	2/2/2024 14:32	2/2/2024 14:48	16	0
1554218	2/2/2024 14:33	2/3/2024 9:00	1106.32	0
1464949	2/2/2024 14:34	2/2/2024 19:29	295	0
627289	2/2/2024 14:34	2/2/2024 19:23	289	0
195839	2/2/2024 14:34	2/2/2024 19:18	284	0
1434316	2/2/2024 14:34	2/2/2024 19:23	289	0
624716	2/2/2024 14:34	2/2/2024 19:23	289	0
1288420	2/2/2024 14:34	2/2/2024 14:39	5	0
1430553	2/2/2024 14:34	2/2/2024 14:50	16	0
626477	2/2/2024 14:34	2/2/2024 19:07	273	0
1434359	2/2/2024 14:35	2/2/2024 19:18	283	0
449036	2/2/2024 14:35	2/2/2024 14:51	16	0
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9313875	2/2/2024 14:35	2/2/2024 19:13	278	0
624628	2/2/2024 14:35	2/2/2024 19:13	278	0
1430294	2/2/2024 14:35	2/2/2024 14:50	15	0
197561	2/2/2024 14:35	2/2/2024 19:19	284	0
624953	2/2/2024 14:35	2/2/2024 19:13	278	0
197356	2/2/2024 14:35	2/2/2024 19:35	300	0
574993	2/2/2024 14:35	2/2/2024 14:40	5	0
1459057	2/2/2024 14:35	2/2/2024 19:13	278	0
859747	2/2/2024 14:35	2/2/2024 19:34	299	0
196408	2/2/2024 14:35	2/2/2024 19:19	284	0

1393633	2/2/2024 14:35	2/2/2024 14:56	21	0
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1604432	2/2/2024 14:36	2/2/2024 19:24	288	0
1081237	2/2/2024 14:36	2/2/2024 19:26	290	0
197883	2/2/2024 14:36	2/2/2024 19:20	284	0
627018	2/2/2024 14:36	2/2/2024 19:09	273	0
574596	2/2/2024 14:36	2/2/2024 19:31	295	0
1557188	2/2/2024 14:36	2/3/2024 9:00	1103.32	0
860281	2/2/2024 14:37	2/2/2024 19:21	284	0
1456419	2/2/2024 14:37	2/2/2024 19:26	289	0
1516579	2/2/2024 14:37	2/2/2024 14:42	5	0
1524033	2/2/2024 14:37	2/2/2024 19:21	284	0
1320008	2/2/2024 14:37	2/2/2024 19:20	283	0
1463218	2/2/2024 14:37	2/2/2024 19:21	284	0
508593	2/2/2024 14:38	2/2/2024 19:27	289	0
510974	2/2/2024 14:38	2/2/2024 19:16	278	0
197690	2/2/2024 14:38	2/2/2024 19:22	284	0
510307	2/2/2024 14:38	2/2/2024 19:22	284	0
1321605	2/2/2024 14:38	2/2/2024 19:22	284	0
793285	2/2/2024 14:38	2/2/2024 15:26	48	0
561758	2/2/2024 14:38	2/2/2024 19:22	284	0
507365	2/2/2024 14:38	2/2/2024 19:31	293	0
21306	2/2/2024 14:38	2/2/2024 19:30	292	0
197629	2/2/2024 14:38	2/2/2024 19:37	299	0
506261	2/2/2024 14:39	2/2/2024 19:17	278	0
196965	2/2/2024 14:39	2/2/2024 19:18	279	0
1466638	2/2/2024 14:39	2/2/2024 17:06	147	0
1445317	2/2/2024 14:39	2/2/2024 19:09	270	0
1288420	2/2/2024 14:39	2/2/2024 14:45	6	0
1450250	2/2/2024 14:39	2/2/2024 19:22	283	0
549596	2/2/2024 14:40	2/2/2024 19:18	278	0
8206792	2/2/2024 14:40	2/2/2024 19:18	278	0
552210	2/2/2024 14:40	2/2/2024 19:23	283	0
1092960	2/2/2024 14:40	2/2/2024 19:29	289	0
971524	2/2/2024 14:40	2/2/2024 19:13	273	0
562856	2/2/2024 14:40	2/2/2024 19:29	289	0
574993	2/2/2024 14:40	2/2/2024 14:51	11	0
8668965	2/2/2024 14:40	2/2/2024 19:18	278	0
558800	2/2/2024 14:40	2/2/2024 19:18	278	0
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1453263	2/2/2024 14:41	2/2/2024 19:30	289	0
563241	2/2/2024 14:41	2/2/2024 19:21	280	0
957615	2/2/2024 14:41	2/2/2024 19:29	288	0
1515733	2/2/2024 14:41	2/2/2024 19:24	283	0
955448	2/2/2024 14:41	2/2/2024 19:20	279	0
8590289	2/2/2024 14:41	2/2/2024 19:29	288	0
793690	2/2/2024 14:41	2/2/2024 19:30	289	0

511266	2/2/2024 14:41	2/2/2024 19:30	289	0
790670	2/2/2024 14:42	2/2/2024 15:24	42	0
1516579	2/2/2024 14:42	2/2/2024 14:53	11	0
549617	2/2/2024 14:42	2/2/2024 19:15	273	0
1444809	2/2/2024 14:42	2/2/2024 19:10	268	0
21820	2/2/2024 14:42	2/2/2024 19:35	293	0
553863	2/2/2024 14:42	2/2/2024 19:15	273	0
561349	2/2/2024 14:43	2/2/2024 19:22	279	0
27852	2/2/2024 14:44	2/2/2024 15:15	31	0
954637	2/2/2024 14:44	2/2/2024 19:11	267	0
1378273	2/2/2024 14:45	2/2/2024 19:50	304.78	0
1288420	2/2/2024 14:45	2/2/2024 14:50	5	0
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1430644	2/2/2024 14:47	2/2/2024 19:15	268	0
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457729	2/2/2024 14:50	2/2/2024 16:03	73	0
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183822	2/2/2024 14:50	2/2/2024 15:00	10	0
1430553	2/2/2024 14:50	2/2/2024 19:18	268	0.1
1288420	2/2/2024 14:50	2/2/2024 15:00	10	0
455994	2/2/2024 14:51	2/2/2024 19:30	279	0
1511532	2/2/2024 14:51	2/2/2024 19:19	268	0
574993	2/2/2024 14:51	2/2/2024 14:56	5	0
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25674	2/2/2024 14:51	2/2/2024 15:28	37	0
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1393699	2/2/2024 14:56	2/2/2024 19:08	252	0
1393633	2/2/2024 14:56	2/2/2024 19:18	262	0
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188639	2/2/2024 14:56	2/2/2024 15:27	31	0
509102	2/2/2024 14:56	2/2/2024 19:34	278	0
26864	2/2/2024 14:57	2/2/2024 19:30	273	0

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1494722	2/2/2024 14:58	2/2/2024 19:23	265	0
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956968	2/2/2024 15:00	2/2/2024 19:23	263	0
29635	2/2/2024 15:00	2/2/2024 19:28	268	0
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574993	2/2/2024 15:06	2/2/2024 15:11	5	0
449377	2/2/2024 15:09	2/2/2024 15:56	47	0
980398	2/2/2024 15:09	2/3/2024 9:00	1070.53	0
125572	2/2/2024 15:09	2/2/2024 19:40	271	0
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27483	2/2/2024 15:10	2/2/2024 15:26	16	0
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1406535	2/2/2024 15:12	2/2/2024 19:24	252	0
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1405290	2/2/2024 15:13	2/2/2024 19:25	252	0
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26921	2/2/2024 15:14	2/3/2024 9:00	1065.92	0
29848	2/2/2024 15:14	2/2/2024 15:30	16	0
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27852	2/2/2024 15:15	2/2/2024 19:40	265	0
1288420	2/2/2024 15:16	2/2/2024 15:21	5	0
11176351	2/2/2024 15:18	2/2/2024 19:14	236	0
1378128	2/2/2024 15:19	2/2/2024 19:15	236	0
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1535304	2/2/2024 15:20	2/2/2024 19:22	242	0
1288420	2/2/2024 15:21	2/2/2024 15:32	11	0
1332906	2/2/2024 15:22	2/2/2024 19:23	241	0
1535397	2/2/2024 15:23	2/2/2024 19:30	247	0
8604423	2/2/2024 15:23	2/2/2024 15:34	11	0
790670	2/2/2024 15:24	2/2/2024 19:26	242	0
571420	2/2/2024 15:25	2/3/2024 9:00	1054.78	0
1516579	2/2/2024 15:25	2/2/2024 15:30	5	0
6714863	2/2/2024 15:25	2/2/2024 19:31	246	0
1333801	2/2/2024 15:25	2/2/2024 19:26	241	0

793285	2/2/2024 15:26	2/2/2024 19:27	241	0
27483	2/2/2024 15:26	2/2/2024 19:33	247	0
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447406	2/2/2024 15:27	2/2/2024 19:28	241	0
30471	2/2/2024 15:27	2/2/2024 19:33	246	0
28509	2/2/2024 15:28	2/2/2024 19:30	242	0
25674	2/2/2024 15:28	2/3/2024 0:51	563	0
1670039	2/2/2024 15:29	2/3/2024 9:00	1050.78	0
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1516579	2/2/2024 15:30	2/3/2024 9:00	1049.32	0
29848	2/2/2024 15:30	2/2/2024 19:26	236	0
34905	2/2/2024 15:30	2/2/2024 19:36	246	0
570022	2/2/2024 15:31	2/3/2024 9:00	1048.78	0
1288420	2/2/2024 15:32	2/2/2024 15:37	5	0
8604423	2/2/2024 15:34	2/2/2024 15:39	5	0
601397	2/2/2024 15:36	2/2/2024 19:27	231	0
1247921	2/2/2024 15:37	2/2/2024 22:37	420	0
1664433	2/2/2024 15:37	2/2/2024 19:34	237	0
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1543287	2/2/2024 15:38	2/2/2024 19:19	221	0
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317195	2/2/2024 15:44	2/2/2024 15:58	14	0
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346347	2/2/2024 15:44	2/2/2024 19:30	226	0
347230	2/2/2024 15:45	2/2/2024 19:20	215	0
346135	2/2/2024 15:45	2/2/2024 19:30	225	0
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320966	2/2/2024 15:47	2/2/2024 19:27	220	0
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574993	2/2/2024 15:54	2/2/2024 15:59	5	0
1683861	2/2/2024 15:54	2/2/2024 19:31	217	0
449377	2/2/2024 15:56	2/2/2024 16:12	16	0
317195	2/2/2024 15:58	2/2/2024 19:27	209	0
574993	2/2/2024 15:59	2/2/2024 16:09	10	0
1020274	2/2/2024 16:00	2/2/2024 19:06	186	0
454901	2/2/2024 16:03	2/2/2024 19:28	205	0
457729	2/2/2024 16:03	2/2/2024 19:27	204	0
8604423	2/2/2024 16:04	2/2/2024 17:49	105	0
449036	2/2/2024 16:04	2/2/2024 19:24	200	0
1020387	2/2/2024 16:05	2/2/2024 19:17	192	0
455345	2/2/2024 16:05	2/2/2024 19:33	208	0
454861	2/2/2024 16:05	2/2/2024 19:19	194	0
330528	2/2/2024 16:07	2/2/2024 18:39	152	0
457978	2/2/2024 16:07	2/2/2024 19:31	204	0
455629	2/2/2024 16:07	2/2/2024 19:26	199	0
456099	2/2/2024 16:08	2/2/2024 19:17	189	0

574993	2/2/2024 16:09	2/2/2024 16:15	6	0
342796	2/2/2024 16:10	2/2/2024 19:25	195	0
345647	2/2/2024 16:11	2/2/2024 19:31	200	0
449377	2/2/2024 16:12	2/2/2024 16:54	42	0
6761269	2/2/2024 16:12	2/2/2024 19:21	189	0
346288	2/2/2024 16:14	2/2/2024 19:18	184	0
29748	2/2/2024 16:15	2/2/2024 19:31	196	0
574993	2/2/2024 16:15	2/2/2024 16:25	10	0
1376158	2/2/2024 16:16	2/2/2024 19:21	185	0
346967	2/2/2024 16:16	2/2/2024 19:30	194	0
1465703	2/2/2024 16:20	2/2/2024 19:24	184	0
642003	2/2/2024 16:22	2/2/2024 19:31	189	0
324290	2/2/2024 16:23	2/2/2024 19:21	178	0
574993	2/2/2024 16:25	2/2/2024 16:30	5	0
574993	2/2/2024 16:30	2/2/2024 16:36	6	0
574993	2/2/2024 16:36	2/2/2024 16:41	5	0
574993	2/2/2024 16:41	2/2/2024 16:51	10	0
7902724	2/2/2024 16:49	2/2/2024 17:04	15	0
574993	2/2/2024 16:51	2/2/2024 16:57	6	0
449377	2/2/2024 16:54	2/2/2024 17:41	47	0
1463520	2/2/2024 16:57	2/3/2024 8:26	929	0
574993	2/2/2024 16:57	2/2/2024 17:07	10	0
1467272	2/2/2024 16:58	2/3/2024 8:27	929	0
1463680	2/2/2024 16:58	2/3/2024 8:23	925	0
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1466638	2/2/2024 17:06	2/2/2024 19:12	126	0
574993	2/2/2024 17:07	2/2/2024 17:12	5	0
574993	2/2/2024 17:12	2/3/2024 9:00	947.78	0
449377	2/2/2024 17:41	2/2/2024 17:52	11	0
8604423	2/2/2024 17:49	2/2/2024 18:11	22	0
449377	2/2/2024 17:52	2/2/2024 18:34	42	0
8604423	2/2/2024 18:11	2/2/2024 19:39	88	0
449377	2/2/2024 18:34	2/2/2024 18:49	15	0
330528	2/2/2024 18:39	2/3/2024 9:00	860.92	0
449377	2/2/2024 18:49	2/2/2024 18:55	6	0
449377	2/2/2024 18:55	2/2/2024 19:26	31	0
954332	2/2/2024 18:58	2/3/2024 9:00	841.53	0
1412757	2/2/2024 19:05	2/3/2024 9:00	834.5	0
280173	2/2/2024 19:05	2/3/2024 9:00	834.92	0
416557	2/2/2024 19:05	2/3/2024 9:00	834.78	0
1020274	2/2/2024 19:06	2/3/2024 9:00	833.53	0
385332	2/2/2024 19:06	2/3/2024 9:00	833.78	0
626477	2/2/2024 19:07	2/3/2024 9:00	832.78	0
624411	2/2/2024 19:07	2/3/2024 9:00	832.78	0
1309098	2/2/2024 19:07	2/3/2024 9:00	832.5	0
1378582	2/2/2024 19:07	2/3/2024 9:00	832.72	0
1415828	2/2/2024 19:08	2/3/2024 9:00	831.5	0

275018	2/2/2024 19:08	2/3/2024 9:00	831.92	0
1393699	2/2/2024 19:08	2/3/2024 9:00	831.5	0
1445317	2/2/2024 19:09	2/3/2024 8:09	780	0
627018	2/2/2024 19:09	2/3/2024 9:00	830.78	0
160073	2/2/2024 19:09	2/3/2024 9:00	830.53	0
375117	2/2/2024 19:10	2/3/2024 9:00	829.78	0
1624452	2/2/2024 19:10	2/3/2024 9:00	829.32	0
1444809	2/2/2024 19:10	2/3/2024 8:12	782	0
954637	2/2/2024 19:11	2/3/2024 9:00	828.53	0
1064514	2/2/2024 19:11	2/3/2024 9:00	828.53	0
10371746	2/2/2024 19:12	2/3/2024 9:00	827.78	0
1466638	2/2/2024 19:12	2/3/2024 8:04	772	0
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9313875	2/2/2024 19:13	2/3/2024 9:00	826.32	0
626600	2/2/2024 19:13	2/3/2024 9:00	826.78	0
623871	2/2/2024 19:13	2/3/2024 9:00	826.78	0
1466357	2/2/2024 19:13	2/3/2024 9:00	826.32	0
971524	2/2/2024 19:13	2/3/2024 9:00	826.78	0
816722	2/2/2024 19:13	2/3/2024 9:00	826.83	0
1459057	2/2/2024 19:13	2/3/2024 9:00	826.32	0
1469956	2/2/2024 19:13	2/3/2024 7:54	761	0
624628	2/2/2024 19:13	2/3/2024 9:00	826.78	0
1508563	2/2/2024 19:13	2/3/2024 9:00	826.32	0
645339	2/2/2024 19:13	2/3/2024 9:00	826.78	0
1190246	2/2/2024 19:14	2/3/2024 9:00	825.72	0
11176351	2/2/2024 19:14	2/3/2024 9:00	825.32	0
1378128	2/2/2024 19:15	2/3/2024 9:00	824.72	0
549617	2/2/2024 19:15	2/3/2024 9:00	824.78	0
624489	2/2/2024 19:15	2/3/2024 9:00	824.78	0
1469850	2/2/2024 19:15	2/3/2024 7:57	762	0
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500173	2/2/2024 19:15	2/3/2024 9:00	824.78	0
8486022	2/2/2024 19:15	2/3/2024 9:00	824.32	0
1430644	2/2/2024 19:15	2/3/2024 9:00	824.32	0
1551510	2/2/2024 19:16	2/3/2024 9:00	823.32	0
505208	2/2/2024 19:16	2/3/2024 9:00	823.78	0
1447297	2/2/2024 19:16	2/3/2024 9:00	823.32	0
1414392	2/2/2024 19:16	2/3/2024 9:00	823.5	0
510974	2/2/2024 19:16	2/3/2024 9:00	823.78	0
1446401	2/2/2024 19:16	2/3/2024 9:00	823.32	0
456099	2/2/2024 19:17	2/3/2024 9:00	822.78	0
506261	2/2/2024 19:17	2/3/2024 9:00	822.78	0
549259	2/2/2024 19:17	2/3/2024 9:00	822.78	0
8972545	2/2/2024 19:17	2/3/2024 9:00	822.78	0
1511251	2/2/2024 19:17	2/3/2024 9:00	822.32	0
1020387	2/2/2024 19:17	2/3/2024 9:00	822.53	0

1349542	2/2/2024 19:17	2/3/2024 9:00	822.5	0
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1431804	2/2/2024 19:17	2/3/2024 9:00	822.32	0
945898	2/2/2024 19:17	2/3/2024 9:00	822.83	0
1465391	2/2/2024 19:17	2/3/2024 9:00	822.32	0
623069	2/2/2024 19:17	2/3/2024 9:00	822.78	0
8495802	2/2/2024 19:17	2/3/2024 9:00	822.32	0
1350104	2/2/2024 19:17	2/3/2024 9:00	822.72	0
1416360	2/2/2024 19:18	2/3/2024 9:00	821.5	0
346288	2/2/2024 19:18	2/3/2024 9:00	821.92	0
593366	2/2/2024 19:18	2/3/2024 9:00	821.78	0
658177	2/2/2024 19:18	2/3/2024 9:00	821.83	0
1348773	2/2/2024 19:18	2/3/2024 9:00	821.72	0
1348300	2/2/2024 19:18	2/3/2024 9:00	821.5	0
196965	2/2/2024 19:18	2/3/2024 9:00	821.92	0
1350499	2/2/2024 19:18	2/3/2024 9:00	821.5	0
1447211	2/2/2024 19:18	2/3/2024 9:00	821.32	0
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1430294	2/2/2024 19:18	2/3/2024 9:00	821.32	0
1350975	2/2/2024 19:18	2/3/2024 9:00	821.72	0
8206792	2/2/2024 19:18	2/3/2024 9:00	821.32	0
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1320845	2/2/2024 19:19	2/3/2024 9:00	820.5	0
197561	2/2/2024 19:19	2/3/2024 9:00	820.92	0
196408	2/2/2024 19:19	2/3/2024 9:00	820.92	0
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315169	2/2/2024 19:19	2/3/2024 9:00	820.92	0
1543287	2/2/2024 19:19	2/3/2024 9:00	820.32	0
197883	2/2/2024 19:20	2/3/2024 9:00	819.92	0
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1550815	2/2/2024 19:20	2/3/2024 9:00	819.32	0
347230	2/2/2024 19:20	2/3/2024 9:00	819.92	0
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955448	2/2/2024 19:20	2/3/2024 9:00	819.53	0

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324290	2/2/2024 19:21	2/3/2024 9:00	818.92	0
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8734349	2/2/2024 19:21	2/3/2024 9:00	818.72	0
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6761269	2/2/2024 19:21	2/3/2024 9:00	818.92	0
593397	2/2/2024 19:21	2/3/2024 9:00	818.78	0
772378	2/2/2024 19:21	2/3/2024 9:00	818.78	0
860281	2/2/2024 19:21	2/3/2024 9:00	818.83	0
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197690	2/2/2024 19:22	2/3/2024 9:00	817.92	0
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561758	2/2/2024 19:22	2/3/2024 9:00	817.78	0
8104722	2/2/2024 19:22	2/3/2024 9:00	817.92	0
1077082	2/2/2024 19:22	2/3/2024 9:00	817.78	0
2032900	2/2/2024 19:22	2/3/2024 9:00	817.5	0
1321605	2/2/2024 19:22	2/3/2024 9:00	817.72	0
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415131	2/2/2024 19:22	2/3/2024 9:00	817.78	0
561349	2/2/2024 19:22	2/3/2024 9:00	817.78	0
624716	2/2/2024 19:23	2/3/2024 9:00	816.78	0
1346410	2/2/2024 19:23	2/3/2024 9:00	816.5	0
1434316	2/2/2024 19:23	2/3/2024 9:00	816.32	0
328113	2/2/2024 19:23	2/3/2024 9:00	816.92	0
956968	2/2/2024 19:23	2/3/2024 9:00	816.53	0

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627289	2/2/2024 19:23	2/3/2024 9:00	816.78	0
1394324	2/2/2024 19:23	2/3/2024 9:00	816.72	0
957216	2/2/2024 19:23	2/3/2024 9:00	816.53	0
523489	2/2/2024 19:23	2/3/2024 9:00	816.92	0
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449036	2/2/2024 19:24	2/3/2024 9:00	815.78	0
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511223	2/2/2024 19:24	2/3/2024 9:00	815.78	0
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980132	2/2/2024 19:24	2/3/2024 9:00	815.53	0
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623612	2/2/2024 19:24	2/3/2024 9:00	815.78	0
9063373	2/2/2024 19:25	2/3/2024 9:00	814.72	0
664453	2/2/2024 19:25	2/3/2024 9:00	814.83	0
1469270	2/2/2024 19:25	2/3/2024 7:56	751	0
1555376	2/2/2024 19:25	2/3/2024 9:00	814.32	0
1554677	2/2/2024 19:25	2/3/2024 9:00	814.32	0
10510361	2/2/2024 19:25	2/3/2024 9:00	814.92	0
1405290	2/2/2024 19:25	2/3/2024 9:00	814.72	0
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7178975	2/2/2024 19:25	2/3/2024 9:00	814.92	0
47769	2/2/2024 19:25	2/3/2024 9:00	814.92	0
656343	2/2/2024 19:25	2/3/2024 9:00	814.83	0
315088	2/2/2024 19:25	2/3/2024 9:00	814.92	0
800590	2/2/2024 19:25	2/3/2024 9:00	814.83	0
1351588	2/2/2024 19:25	2/3/2024 9:00	814.5	0
1310926	2/2/2024 19:25	2/3/2024 9:00	814.5	0
342796	2/2/2024 19:25	2/3/2024 9:00	814.92	0
817260	2/2/2024 19:25	2/3/2024 9:00	814.83	0
315730	2/2/2024 19:25	2/3/2024 9:00	814.92	0
1573666	2/2/2024 19:25	2/3/2024 9:00	814.32	0

373273	2/2/2024 19:25	2/3/2024 9:00	814.78	0
314188	2/2/2024 19:25	2/3/2024 9:00	814.92	0
1350598	2/2/2024 19:26	2/3/2024 9:00	813.72	0
29848	2/2/2024 19:26	2/3/2024 9:00	813.92	0
800576	2/2/2024 19:26	2/3/2024 9:00	813.83	0
1493132	2/2/2024 19:26	2/3/2024 9:00	813.5	0
449377	2/2/2024 19:26	2/2/2024 19:42	16	0
314899	2/2/2024 19:26	2/3/2024 9:00	813.92	0
1514004	2/2/2024 19:26	2/3/2024 9:00	813.32	0
1432940	2/2/2024 19:26	2/3/2024 8:39	793	0
1552154	2/2/2024 19:26	2/3/2024 9:00	813.32	0
346185	2/2/2024 19:26	2/3/2024 9:00	813.92	0
790670	2/2/2024 19:26	2/3/2024 9:00	813.83	0
1333801	2/2/2024 19:26	2/3/2024 9:00	813.72	0
345957	2/2/2024 19:26	2/3/2024 9:00	813.92	0
1321750	2/2/2024 19:26	2/3/2024 9:00	813.5	0
259674	2/2/2024 19:26	2/3/2024 9:00	813.92	0
563415	2/2/2024 19:26	2/3/2024 9:00	813.78	0
316997	2/2/2024 19:26	2/3/2024 9:00	813.92	0
619266	2/2/2024 19:26	2/3/2024 9:00	813.78	0
1456419	2/2/2024 19:26	2/3/2024 9:00	813.32	0
1547843	2/2/2024 19:26	2/3/2024 9:00	813.32	0
281056	2/2/2024 19:26	2/3/2024 9:00	813.92	0
1081237	2/2/2024 19:26	2/3/2024 9:00	813.9	0
317233	2/2/2024 19:26	2/3/2024 9:00	813.92	0
8524544	2/2/2024 19:26	2/3/2024 9:00	813.92	0
455629	2/2/2024 19:26	2/3/2024 9:00	813.78	0
8387677	2/2/2024 19:27	2/3/2024 9:00	812.92	0
10714479	2/2/2024 19:27	2/3/2024 9:00	812.32	0
457729	2/2/2024 19:27	2/3/2024 9:00	812.78	0
508593	2/2/2024 19:27	2/3/2024 9:00	812.78	0
793285	2/2/2024 19:27	2/3/2024 9:00	812.83	0
1515964	2/2/2024 19:27	2/3/2024 9:00	812.32	0
320966	2/2/2024 19:27	2/3/2024 9:00	812.92	0
601397	2/2/2024 19:27	2/3/2024 9:00	812.78	0
317195	2/2/2024 19:27	2/3/2024 9:00	812.92	0
375655	2/2/2024 19:27	2/3/2024 9:00	812.78	0
1320619	2/2/2024 19:27	2/3/2024 9:00	812.5	0
817825	2/2/2024 19:27	2/3/2024 9:00	812.83	0
51483	2/2/2024 19:27	2/3/2024 9:00	812.92	0
1321114	2/2/2024 19:28	2/3/2024 9:00	811.5	0
8148103	2/2/2024 19:28	2/3/2024 9:00	811.92	0
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447406	2/2/2024 19:28	2/3/2024 9:00	811.78	0
454901	2/2/2024 19:28	2/3/2024 9:00	811.78	0
956125	2/2/2024 19:28	2/3/2024 9:00	811.53	0
29635	2/2/2024 19:28	2/3/2024 9:00	811.92	0

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658642	2/2/2024 19:28	2/3/2024 9:00	811.83	0
800600	2/2/2024 19:28	2/3/2024 9:00	811.83	0
315345	2/2/2024 19:28	2/3/2024 9:00	811.92	0
1433348	2/2/2024 19:28	2/3/2024 8:41	793	0
274059	2/2/2024 19:28	2/3/2024 9:00	811.92	0
605186	2/2/2024 19:29	2/3/2024 9:00	810.78	0
547577	2/2/2024 19:29	2/3/2024 9:00	810.92	0
315306	2/2/2024 19:29	2/3/2024 9:00	810.92	0
1547692	2/2/2024 19:29	2/3/2024 9:00	810.32	0
8590289	2/2/2024 19:29	2/3/2024 9:00	810.78	0
509233	2/2/2024 19:29	2/3/2024 9:00	810.78	0
658658	2/2/2024 19:29	2/3/2024 9:00	810.83	0
562856	2/2/2024 19:29	2/3/2024 9:00	810.78	0
1320646	2/2/2024 19:29	2/3/2024 9:00	810.5	0
1514677	2/2/2024 19:29	2/3/2024 9:00	810.32	0
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1092960	2/2/2024 19:29	2/3/2024 9:00	810.78	0
957615	2/2/2024 19:29	2/3/2024 9:00	810.53	0
455994	2/2/2024 19:30	2/3/2024 9:00	809.78	0
346135	2/2/2024 19:30	2/3/2024 9:00	809.92	0
346347	2/2/2024 19:30	2/3/2024 9:00	809.92	0
1462990	2/2/2024 19:30	2/3/2024 9:00	809.32	0
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8950281	2/2/2024 19:30	2/3/2024 9:00	809.92	0
26864	2/2/2024 19:30	2/3/2024 9:00	809.92	0
1535397	2/2/2024 19:30	2/3/2024 9:00	809.32	0
793690	2/2/2024 19:30	2/3/2024 9:00	809.83	0
801004	2/2/2024 19:30	2/3/2024 9:00	809.83	0
399291	2/2/2024 19:30	2/3/2024 9:00	809.78	0
21306	2/2/2024 19:30	2/3/2024 9:00	809.92	0
28509	2/2/2024 19:30	2/3/2024 9:00	809.92	0
1453263	2/2/2024 19:30	2/3/2024 9:00	809.32	0
315346	2/2/2024 19:30	2/3/2024 9:00	809.92	0
511266	2/2/2024 19:30	2/3/2024 9:00	809.78	0
1683861	2/2/2024 19:31	2/3/2024 9:00	808.92	0
507365	2/2/2024 19:31	2/3/2024 9:00	808.78	0
13912	2/2/2024 19:31	2/3/2024 9:00	808.92	0
373278	2/2/2024 19:31	2/3/2024 9:00	808.78	0
316582	2/2/2024 19:31	2/3/2024 9:00	808.92	0
23566	2/2/2024 19:31	2/3/2024 9:00	808.92	0
34832	2/2/2024 19:31	2/3/2024 9:00	808.92	0
345647	2/2/2024 19:31	2/3/2024 9:00	808.92	0
314945	2/2/2024 19:31	2/3/2024 9:00	808.92	0
574596	2/2/2024 19:31	2/3/2024 9:00	808.78	0
317797	2/2/2024 19:31	2/3/2024 9:00	808.92	0

344958	2/2/2024 19:31	2/3/2024 9:00	808.92	0
457978	2/2/2024 19:31	2/3/2024 9:00	808.78	0
506381	2/2/2024 19:31	2/3/2024 9:00	808.78	0
642003	2/2/2024 19:31	2/3/2024 9:00	808.78	0
6714863	2/2/2024 19:31	2/3/2024 9:00	808.83	0
70277	2/2/2024 19:31	2/3/2024 9:00	808.92	0
29748	2/2/2024 19:31	2/3/2024 9:00	808.92	0
1523524	2/2/2024 19:32	2/3/2024 9:00	807.32	0
23462	2/2/2024 19:32	2/3/2024 9:00	807.92	0
183822	2/2/2024 19:32	2/3/2024 9:00	807.92	0
553755	2/2/2024 19:32	2/3/2024 9:00	807.78	0
68308	2/2/2024 19:32	2/3/2024 9:00	807.92	0
323747	2/2/2024 19:32	2/3/2024 9:00	807.92	0
49209	2/2/2024 19:32	2/3/2024 9:00	807.92	0
1307575	2/2/2024 19:32	2/3/2024 9:00	807.72	0
30471	2/2/2024 19:33	2/3/2024 9:00	806.92	0
323657	2/2/2024 19:33	2/3/2024 9:00	806.92	0
27483	2/2/2024 19:33	2/3/2024 9:00	806.92	0
455345	2/2/2024 19:33	2/3/2024 9:00	806.78	0
561672	2/2/2024 19:34	2/3/2024 9:00	805.78	0
8068454	2/2/2024 19:34	2/3/2024 9:00	805.78	0
859747	2/2/2024 19:34	2/3/2024 9:00	805.83	0
325050	2/2/2024 19:34	2/3/2024 9:00	805.92	0
25066	2/2/2024 19:34	2/3/2024 9:00	805.92	0
1515678	2/2/2024 19:34	2/3/2024 9:00	805.32	0
34887	2/2/2024 19:34	2/3/2024 9:00	805.92	0
378229	2/2/2024 19:34	2/3/2024 9:00	805.78	0
324045	2/2/2024 19:34	2/3/2024 9:00	805.92	0
509102	2/2/2024 19:34	2/3/2024 9:00	805.78	0
1664433	2/2/2024 19:34	2/3/2024 9:00	805.83	0
317126	2/2/2024 19:35	2/3/2024 9:00	804.92	0
373050	2/2/2024 19:35	2/3/2024 9:00	804.78	0
70866	2/2/2024 19:35	2/3/2024 9:00	804.92	0
68620	2/2/2024 19:35	2/3/2024 9:00	804.92	0
1251782	2/2/2024 19:35	2/3/2024 9:00	804.83	0
197356	2/2/2024 19:35	2/3/2024 9:00	804.92	0
317084	2/2/2024 19:35	2/3/2024 9:00	804.92	0
21820	2/2/2024 19:35	2/3/2024 9:00	804.92	0
34905	2/2/2024 19:36	2/3/2024 9:00	803.92	0
313269	2/2/2024 19:37	2/3/2024 9:00	802.92	0
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51957	2/2/2024 19:37	2/3/2024 9:00	802.92	0
197629	2/2/2024 19:37	2/3/2024 9:00	802.92	0
1641091	2/2/2024 19:38	2/3/2024 9:00	801.32	0
8604423	2/2/2024 19:39	2/2/2024 20:12	33	0
324249	2/2/2024 19:39	2/3/2024 9:00	800.92	0
35442	2/2/2024 19:39	2/3/2024 9:00	800.92	0

125572	2/2/2024 19:40	2/3/2024 9:00	799.92	0
7902724	2/2/2024 19:40	2/3/2024 9:00	799.92	0
189581	2/2/2024 19:40	2/3/2024 9:00	799.92	0
27852	2/2/2024 19:40	2/3/2024 9:00	799.92	0
69207	2/2/2024 19:41	2/3/2024 9:00	798.92	0
24124	2/2/2024 19:41	2/3/2024 9:00	798.92	0
449377	2/2/2024 19:42	2/2/2024 20:03	21	0
10659831	2/2/2024 19:43	2/3/2024 9:00	796.32	0
1378273	2/2/2024 19:50	2/3/2024 9:00	789.72	0
274125	2/2/2024 19:51	2/3/2024 9:00	788.92	0
800588	2/2/2024 19:59	2/3/2024 9:00	780.83	0
449377	2/2/2024 20:03	2/2/2024 20:40	37	0
8604423	2/2/2024 20:12	2/2/2024 21:52	100	0
1576533	2/2/2024 20:36	2/3/2024 9:00	743.32	0
449377	2/2/2024 20:40	2/2/2024 20:50	10	0
449377	2/2/2024 20:50	2/2/2024 21:27	37	0
188639	2/2/2024 21:24	2/3/2024 9:00	695.92	0
449377	2/2/2024 21:27	2/2/2024 21:37	10	0
449377	2/2/2024 21:37	2/2/2024 23:01	84	0
8604423	2/2/2024 21:52	2/2/2024 22:39	47	0
1247921	2/2/2024 22:37	2/3/2024 9:00	622.83	0
8604423	2/2/2024 22:39	2/2/2024 23:20	41	0
449377	2/2/2024 23:01	2/2/2024 23:12	11	0
449377	2/2/2024 23:12	2/3/2024 0:15	63	0
8604423	2/2/2024 23:20	2/2/2024 23:46	26	0
8604423	2/2/2024 23:46	2/3/2024 0:07	21	0
8604423	2/3/2024 0:07	2/3/2024 0:19	12	0
449377	2/3/2024 0:15	2/3/2024 0:52	37	0
8604423	2/3/2024 0:19	2/3/2024 0:34	15	0
8604423	2/3/2024 0:34	2/3/2024 1:05	31	0
25674	2/3/2024 0:51	2/3/2024 9:00	488.92	0
449377	2/3/2024 0:52	2/3/2024 2:10	78	0
8604423	2/3/2024 1:05	2/3/2024 1:10	5	0
8604423	2/3/2024 1:10	2/3/2024 2:18	68	0
449377	2/3/2024 2:10	2/3/2024 2:26	16	0
8604423	2/3/2024 2:18	2/3/2024 2:35	17	0
449377	2/3/2024 2:26	2/3/2024 3:34	68	0
8604423	2/3/2024 2:35	2/3/2024 3:01	26	0
8604423	2/3/2024 3:01	2/3/2024 4:15	74	0
449377	2/3/2024 3:34	2/3/2024 4:06	32	0
449377	2/3/2024 4:06	2/3/2024 4:37	31	0
8604423	2/3/2024 4:15	2/3/2024 4:41	26	0
449377	2/3/2024 4:37	2/3/2024 5:25	48	0
8604423	2/3/2024 4:41	2/3/2024 6:00	79	0
449377	2/3/2024 5:25	2/3/2024 6:12	47	0
8604423	2/3/2024 6:00	2/3/2024 6:58	58	0
449377	2/3/2024 6:12	2/3/2024 6:43	31	0

449377	2/3/2024 6:43	2/3/2024 7:20	37	0
8604423	2/3/2024 6:58	2/3/2024 7:45	47	0
449377	2/3/2024 7:20	2/3/2024 7:45	25	0
8604423	2/3/2024 7:45	2/3/2024 8:01	16	0
449377	2/3/2024 7:45	2/3/2024 8:44	59	0
1469956	2/3/2024 7:54	2/3/2024 9:00	65.32	0
1469270	2/3/2024 7:56	2/3/2024 9:00	63.32	0
1469850	2/3/2024 7:57	2/3/2024 9:00	62.32	0
8604423	2/3/2024 8:01	2/3/2024 9:00	58.78	0
1376158	2/3/2024 8:03	2/3/2024 9:00	56.5	0
1466638	2/3/2024 8:04	2/3/2024 9:00	55.32	0
1445317	2/3/2024 8:09	2/3/2024 9:00	50.32	0
1567316	2/3/2024 8:12	2/3/2024 9:00	47.32	0
1444809	2/3/2024 8:12	2/3/2024 9:00	47.32	0
1272457	2/3/2024 8:15	2/3/2024 9:00	44.5	0
1463680	2/3/2024 8:23	2/3/2024 9:00	36.32	0
1466445	2/3/2024 8:24	2/3/2024 9:00	35.32	0
1465282	2/3/2024 8:24	2/3/2024 9:00	35.32	0
1463520	2/3/2024 8:26	2/3/2024 9:00	33.32	0
1467272	2/3/2024 8:27	2/3/2024 9:00	32.32	0
1432940	2/3/2024 8:39	2/3/2024 8:55	16	0
1433348	2/3/2024 8:41	2/3/2024 8:57	16	0
449377	2/3/2024 8:44	2/3/2024 8:55	11	0
1432940	2/3/2024 8:55	2/3/2024 9:00	4.32	0
449377	2/3/2024 8:55	2/3/2024 9:00	4.78	0
8511623	2/3/2024 8:56	2/3/2024 9:00	3.92	0
658837	2/3/2024 8:56	2/3/2024 9:00	3.83	0
1433348	2/3/2024 8:57	2/3/2024 9:00	2.32	0
1375227	2/3/2024 8:58	2/3/2024 9:00	1.5	0
447406	2/3/2024 9:00	2/4/2024 9:00	1439.78	0
1513541	2/3/2024 9:00	2/4/2024 9:00	1439.32	0
1552990	2/3/2024 9:00	2/4/2024 9:00	1439.32	0
1516579	2/3/2024 9:00	2/4/2024 9:00	1439.32	0
1702895	2/3/2024 9:00	2/4/2024 9:00	1439.5	0
1516786	2/3/2024 9:00	2/4/2024 9:00	1439.32	0
1680798	2/3/2024 9:00	2/4/2024 9:00	1439.92	0
1493132	2/3/2024 9:00	2/3/2024 11:51	171	1.13
1552447	2/3/2024 9:00	2/4/2024 9:00	1439.32	0
980398	2/3/2024 9:00	2/3/2024 10:14	74	0
1349032	2/3/2024 9:00	2/4/2024 9:00	1439.5	0
562202	2/3/2024 9:00	2/4/2024 9:00	1439.78	0
8668965	2/3/2024 9:00	2/3/2024 11:39	159	0
675499	2/3/2024 9:00	2/3/2024 13:53	293	0
319279	2/3/2024 9:00	2/4/2024 9:00	1439.92	0
7194273	2/3/2024 9:00	2/4/2024 9:00	1439.32	0
1453263	2/3/2024 9:00	2/4/2024 9:00	1439.32	0
8950281	2/3/2024 9:00	2/3/2024 14:18	318	0

1333801	2/3/2024 9:00	2/3/2024 14:24	324	0
6761269	2/3/2024 9:00	2/4/2024 9:00	1439.92	0
1704044	2/3/2024 9:00	2/4/2024 9:00	1439.5	0
1394324	2/3/2024 9:00	2/3/2024 19:43	643	0
8766703	2/3/2024 9:00	2/4/2024 9:00	1439.53	0
509233	2/3/2024 9:00	2/3/2024 15:53	413	0
1348731	2/3/2024 9:00	2/4/2024 9:00	1439.5	0
1422300	2/3/2024 9:00	2/4/2024 9:00	1439.5	0
506261	2/3/2024 9:02	2/3/2024 19:35	633	0
29635	2/3/2024 9:02	2/4/2024 9:00	1437.92	0
1466638	2/3/2024 9:06	2/3/2024 14:04	298	0
1519179	2/3/2024 9:06	2/3/2024 19:36	630	0
10222019	2/3/2024 9:06	2/4/2024 9:00	1433.5	0
554089	2/3/2024 9:07	2/4/2024 9:00	1432.78	0
574993	2/3/2024 9:08	2/3/2024 10:21	73	0
1519715	2/3/2024 9:09	2/3/2024 19:36	627	0
1466445	2/3/2024 9:11	2/3/2024 19:36	625	0
658837	2/3/2024 9:11	2/3/2024 15:12	361	0.06
1465282	2/3/2024 9:11	2/3/2024 19:43	632	0
8511623	2/3/2024 9:12	2/3/2024 19:35	623	0
1272457	2/3/2024 9:13	2/3/2024 19:26	613	0
1567316	2/3/2024 9:15	2/3/2024 13:32	257	0
347230	2/3/2024 9:20	2/3/2024 11:16	116	0
1321605	2/3/2024 9:22	2/3/2024 19:27	605	0
1445317	2/3/2024 9:24	2/3/2024 14:41	317	0
1444809	2/3/2024 9:25	2/3/2024 14:42	317	2.18
561757	2/3/2024 9:34	2/3/2024 10:06	32	0
854579	2/3/2024 9:35	2/3/2024 11:36	121	0
558031	2/3/2024 9:35	2/3/2024 10:07	32	0
7902724	2/3/2024 9:36	2/3/2024 10:17	41	0
323657	2/3/2024 9:36	2/3/2024 19:44	608	0.69
323747	2/3/2024 9:37	2/3/2024 19:38	601	3.22
324290	2/3/2024 9:37	2/3/2024 19:32	595	0
1450250	2/3/2024 9:38	2/3/2024 19:42	604	0
852125	2/3/2024 9:38	2/3/2024 11:39	121	0
1518000	2/3/2024 9:39	2/3/2024 19:32	593	0
1641091	2/3/2024 9:39	2/3/2024 19:42	603	0
8206792	2/3/2024 9:40	2/3/2024 19:42	602	0
1523524	2/3/2024 9:43	2/3/2024 19:35	592	0
51957	2/3/2024 9:46	2/3/2024 14:19	273	0
1394365	2/3/2024 9:48	2/3/2024 19:40	592	0
9063373	2/3/2024 9:48	2/3/2024 19:43	595	0
455994	2/3/2024 9:49	2/3/2024 14:24	275	0
324249	2/3/2024 9:50	2/3/2024 19:36	586	0
642003	2/3/2024 9:52	2/3/2024 19:44	592	0
553863	2/3/2024 9:52	2/3/2024 11:37	105	0
1320008	2/3/2024 9:52	2/3/2024 19:26	574	0

1310926	2/3/2024 9:52	2/3/2024 19:40	588	0
1466415	2/3/2024 9:53	2/3/2024 19:29	576	0
315345	2/3/2024 9:54	2/3/2024 19:39	585	0
1309098	2/3/2024 9:54	2/3/2024 19:29	575	2.13
317195	2/3/2024 9:54	2/3/2024 19:33	579	0
2032900	2/3/2024 9:54	2/3/2024 19:29	575	0
1393699	2/3/2024 9:55	2/3/2024 14:28	273	0
1319739	2/3/2024 9:55	2/4/2024 9:00	1384.5	0
1469956	2/3/2024 9:55	2/3/2024 19:30	575	0
1463520	2/3/2024 9:55	2/3/2024 19:35	580	0
317233	2/3/2024 9:55	2/3/2024 19:33	578	0.8
1406535	2/3/2024 9:56	2/3/2024 11:46	110	0
1467272	2/3/2024 9:56	2/3/2024 19:38	582	0
1469270	2/3/2024 9:56	2/3/2024 19:37	581	0
1461375	2/3/2024 9:57	2/3/2024 19:31	574	0.07
314945	2/3/2024 9:57	2/3/2024 19:36	579	2.45
1650561	2/3/2024 9:57	2/3/2024 14:14	257	0
1463680	2/3/2024 9:57	2/3/2024 19:36	579	0
1469850	2/3/2024 9:58	2/3/2024 19:31	573	0
1494722	2/3/2024 10:00	2/3/2024 14:30	270	2.05
1430294	2/3/2024 10:00	2/3/2024 14:17	257	0
315346	2/3/2024 10:02	2/3/2024 19:33	571	0
1405290	2/3/2024 10:02	2/3/2024 12:54	172	0.3
1556434	2/3/2024 10:02	2/3/2024 14:32	270	0.5
10393495	2/3/2024 10:03	2/3/2024 19:42	579	0
1414392	2/3/2024 10:03	2/3/2024 19:38	575	0
274522	2/3/2024 10:03	2/3/2024 14:48	285	1.23
1556486	2/3/2024 10:03	2/3/2024 14:33	270	0
4173986	2/3/2024 10:04	2/3/2024 14:49	285	0
279833	2/3/2024 10:04	2/3/2024 14:50	286	0
275495	2/3/2024 10:04	2/3/2024 14:51	287	0
1556352	2/3/2024 10:04	2/3/2024 14:36	272	0.38
308802	2/3/2024 10:05	2/3/2024 19:41	576	0
308032	2/3/2024 10:05	2/3/2024 19:41	576	1.21
309944	2/3/2024 10:05	2/3/2024 19:41	576	1.33
1551513	2/3/2024 10:05	2/3/2024 19:46	581	0
1556565	2/3/2024 10:05	2/3/2024 14:33	268	0
197690	2/3/2024 10:05	2/3/2024 14:22	257	0
275018	2/3/2024 10:05	2/3/2024 19:35	570	0
1555268	2/3/2024 10:05	2/3/2024 19:42	577	0
561757	2/3/2024 10:06	2/3/2024 12:35	149	0
1416360	2/3/2024 10:06	2/3/2024 19:42	576	0
1266649	2/3/2024 10:06	2/3/2024 14:24	258	0
1415828	2/3/2024 10:06	2/3/2024 19:31	565	0
801004	2/3/2024 10:07	2/3/2024 19:36	569	0
558031	2/3/2024 10:07	2/3/2024 12:39	152	0
726904	2/3/2024 10:07	2/4/2024 9:00	1372.83	0

10013697	2/3/2024 10:07	2/3/2024 19:37	570	0
276488	2/3/2024 10:07	2/3/2024 14:51	284	0.71
195839	2/3/2024 10:07	2/3/2024 14:21	254	0
309265	2/3/2024 10:08	2/3/2024 19:31	563	0
1551510	2/3/2024 10:08	2/3/2024 19:32	564	0
790670	2/3/2024 10:08	2/3/2024 19:31	563	0
6714863	2/3/2024 10:08	2/3/2024 19:43	575	0.18
800590	2/3/2024 10:09	2/3/2024 19:28	559	0
793285	2/3/2024 10:09	2/3/2024 19:33	564	0
197629	2/3/2024 10:09	2/3/2024 11:38	89	0
800576	2/3/2024 10:09	2/3/2024 19:28	559	0
800588	2/3/2024 10:10	2/3/2024 19:26	556	0
800600	2/3/2024 10:10	2/3/2024 19:30	560	0
664453	2/3/2024 10:11	2/3/2024 19:33	562	0
1576533	2/3/2024 10:13	2/3/2024 20:07	594	0.16
1567514	2/3/2024 10:14	2/3/2024 13:00	166	0
1515964	2/3/2024 10:14	2/3/2024 19:40	566	0
980132	2/3/2024 10:14	2/3/2024 11:50	96	0
980398	2/3/2024 10:14	2/4/2024 9:00	1365.53	0
315169	2/3/2024 10:16	2/3/2024 19:37	561	0
449036	2/3/2024 10:16	2/3/2024 19:33	557	0.83
7178975	2/3/2024 10:17	2/3/2024 19:41	564	0
574596	2/3/2024 10:17	2/3/2024 11:52	95	0
315730	2/3/2024 10:17	2/3/2024 19:41	564	0
314188	2/3/2024 10:17	2/3/2024 19:32	555	0
7902724	2/3/2024 10:17	2/3/2024 10:33	16	0
995564	2/3/2024 10:18	2/3/2024 19:33	555	0
47769	2/3/2024 10:18	2/3/2024 19:32	554	0
1539621	2/3/2024 10:18	2/3/2024 19:38	560	0
449377	2/3/2024 10:19	2/3/2024 10:29	10	0
49209	2/3/2024 10:19	2/3/2024 19:43	564	0
1546321	2/3/2024 10:19	2/3/2024 19:32	553	0
264379	2/3/2024 10:21	2/3/2024 19:31	550	0
574993	2/3/2024 10:21	2/3/2024 10:27	6	0
8603428	2/3/2024 10:21	2/3/2024 19:31	550	0.41
197561	2/3/2024 10:22	2/3/2024 11:38	76	0
997397	2/3/2024 10:22	2/3/2024 19:26	544	0
265473	2/3/2024 10:22	2/3/2024 19:37	555	0
1683861	2/3/2024 10:23	2/3/2024 11:36	73	0.55
1550815	2/3/2024 10:23	2/3/2024 19:36	553	0
197883	2/3/2024 10:23	2/3/2024 11:37	74	0
1511264	2/3/2024 10:24	2/3/2024 11:37	73	0
196408	2/3/2024 10:24	2/3/2024 11:40	76	0
1511251	2/3/2024 10:25	2/3/2024 11:39	74	0
658658	2/3/2024 10:27	2/3/2024 19:30	543	0
574993	2/3/2024 10:27	2/3/2024 10:37	10	0
160073	2/3/2024 10:28	2/3/2024 19:24	536	0

656343	2/3/2024 10:28	2/3/2024 19:27	539	0
449377	2/3/2024 10:29	2/3/2024 10:40	11	0
1513398	2/3/2024 10:29	2/3/2024 19:31	542	0
1704232	2/3/2024 10:31	2/3/2024 19:30	539	0.98
7902724	2/3/2024 10:33	2/3/2024 11:05	32	0
1549376	2/3/2024 10:35	2/3/2024 19:37	542	0
1546695	2/3/2024 10:36	2/3/2024 19:37	541	0
274125	2/3/2024 10:37	2/3/2024 19:42	545	0
1547692	2/3/2024 10:37	2/3/2024 19:43	546	0
574993	2/3/2024 10:37	2/3/2024 10:42	5	0
1444947	2/3/2024 10:37	2/3/2024 19:35	538	0
10659831	2/3/2024 10:38	2/3/2024 19:43	545	0
1549436	2/3/2024 10:38	2/3/2024 19:37	539	0
1547686	2/3/2024 10:39	2/3/2024 19:37	538	0
317797	2/3/2024 10:39	2/3/2024 19:34	535	0
1447297	2/3/2024 10:40	2/3/2024 19:38	538	0
449377	2/3/2024 10:40	2/3/2024 10:50	10	0
1547843	2/3/2024 10:40	2/3/2024 19:41	541	0.85
1432940	2/3/2024 10:40	2/3/2024 19:37	537	0
954637	2/3/2024 10:41	2/3/2024 13:57	196	0
10714479	2/3/2024 10:41	2/3/2024 19:47	546	0
553755	2/3/2024 10:41	2/3/2024 19:38	537	0
1433348	2/3/2024 10:41	2/3/2024 19:37	536	0
1444636	2/3/2024 10:42	2/3/2024 19:36	534	0.45
954332	2/3/2024 10:42	2/3/2024 13:57	195	0
957216	2/3/2024 10:42	2/3/2024 13:58	196	0
574993	2/3/2024 10:42	2/3/2024 10:53	11	0
1466357	2/3/2024 10:42	2/3/2024 19:33	531	0
10433250	2/3/2024 10:42	2/3/2024 11:51	69	0.43
1447211	2/3/2024 10:42	2/3/2024 19:38	536	0
1375642	2/3/2024 10:43	2/3/2024 11:46	63	0
1375227	2/3/2024 10:43	2/3/2024 11:46	63	0
1513240	2/3/2024 10:44	2/3/2024 19:36	532	1.08
955448	2/3/2024 10:44	2/3/2024 13:58	194	0
1514004	2/3/2024 10:45	2/3/2024 19:38	533	0
1513363	2/3/2024 10:46	2/3/2024 19:31	525	0
274059	2/3/2024 10:46	2/3/2024 19:35	529	0
1514677	2/3/2024 10:48	2/3/2024 19:40	532	0
11467920	2/3/2024 10:48	2/3/2024 19:38	530	1.16
1514000	2/3/2024 10:49	2/3/2024 19:32	523	1.72
498070	2/3/2024 10:50	2/3/2024 14:19	209	0
449377	2/3/2024 10:50	2/3/2024 11:01	11	0
325050	2/3/2024 10:50	2/3/2024 19:32	522	0
500173	2/3/2024 10:50	2/3/2024 14:22	212	2.97
574993	2/3/2024 10:53	2/3/2024 10:58	5	0
199337	2/3/2024 10:53	2/3/2024 11:35	42	0
21306	2/3/2024 10:54	2/3/2024 19:38	524	0

199354	2/3/2024 10:54	2/3/2024 11:36	42	0
793690	2/3/2024 10:54	2/3/2024 19:36	522	0
1685329	2/3/2024 10:55	2/3/2024 19:37	522	0
21820	2/3/2024 10:56	2/3/2024 19:42	526	0
956968	2/3/2024 10:57	2/3/2024 13:58	181	0
957615	2/3/2024 10:58	2/3/2024 11:30	32	0
574993	2/3/2024 10:58	2/3/2024 11:51	53	0
956125	2/3/2024 10:58	2/3/2024 14:00	182	1.51
259674	2/3/2024 11:00	2/3/2024 11:52	52	0
260516	2/3/2024 11:00	2/3/2024 11:54	54	0.23
588892	2/3/2024 11:01	2/3/2024 11:16	15	0
449377	2/3/2024 11:01	2/3/2024 11:22	21	0
1431804	2/3/2024 11:02	2/3/2024 19:30	508	0
1515678	2/3/2024 11:04	2/3/2024 19:43	519	0
617514	2/3/2024 11:04	2/4/2024 9:00	1315.78	0
1704779	2/3/2024 11:04	2/3/2024 19:25	501	0
7902724	2/3/2024 11:05	2/3/2024 14:50	225	0
267537	2/3/2024 11:05	2/3/2024 19:42	517	0
1412757	2/3/2024 11:05	2/3/2024 19:31	506	0
324045	2/3/2024 11:05	2/3/2024 19:43	518	0.05
281235	2/3/2024 11:06	2/3/2024 19:37	511	0
197356	2/3/2024 11:06	2/3/2024 11:38	32	0
196965	2/3/2024 11:06	2/3/2024 11:38	32	0
1446785	2/3/2024 11:07	2/3/2024 19:40	513	0.87
1437071	2/3/2024 11:07	2/3/2024 11:33	26	0
1417138	2/3/2024 11:08	2/3/2024 12:03	55	0
1452193	2/3/2024 11:10	2/3/2024 19:32	502	0
127206	2/3/2024 11:10	2/4/2024 9:00	1309.92	0
1190246	2/3/2024 11:10	2/3/2024 14:25	195	0
1451744	2/3/2024 11:11	2/3/2024 19:38	507	0.19
1565203	2/3/2024 11:12	2/3/2024 13:01	109	0
397349	2/3/2024 11:13	2/3/2024 11:29	16	0
563721	2/3/2024 11:16	2/3/2024 11:58	42	0
456048	2/3/2024 11:16	2/3/2024 12:02	46	0
588892	2/3/2024 11:16	2/3/2024 11:32	16	0
353371	2/3/2024 11:16	2/3/2024 11:47	31	0
347230	2/3/2024 11:16	2/3/2024 12:29	73	0
413869	2/3/2024 11:17	2/3/2024 11:47	30	0
353651	2/3/2024 11:17	2/3/2024 11:46	29	0
416557	2/3/2024 11:17	2/3/2024 11:47	30	0
415949	2/3/2024 11:17	2/3/2024 11:47	30	0
353082	2/3/2024 11:18	2/3/2024 11:53	35	0.16
281332	2/3/2024 11:19	2/3/2024 19:37	498	0
456084	2/3/2024 11:19	2/3/2024 12:02	43	0
1672784	2/3/2024 11:20	2/4/2024 9:00	1299.78	0.25
280364	2/3/2024 11:20	2/3/2024 19:40	500	0.64
280749	2/3/2024 11:22	2/3/2024 19:34	492	0

330528	2/3/2024 11:22	2/3/2024 18:56	454	0
449377	2/3/2024 11:22	2/3/2024 12:49	87	0
10371746	2/3/2024 11:24	2/3/2024 19:34	490	0.13
1093833	2/3/2024 11:25	2/3/2024 11:41	16	0
567126	2/3/2024 11:26	2/3/2024 11:42	16	0
564518	2/3/2024 11:27	2/3/2024 11:42	15	0
1503634	2/3/2024 11:28	2/3/2024 19:32	484	0
397349	2/3/2024 11:29	2/3/2024 11:52	23	0
8495802	2/3/2024 11:29	2/3/2024 19:36	487	0.93
957615	2/3/2024 11:30	2/3/2024 13:59	149	0
1573666	2/3/2024 11:30	2/3/2024 19:35	485	0
417990	2/3/2024 11:30	2/3/2024 19:36	486	3.13
588892	2/3/2024 11:32	2/3/2024 19:32	480	0
549259	2/3/2024 11:32	2/3/2024 19:32	480	0
1437071	2/3/2024 11:33	2/3/2024 12:35	62	0.12
280780	2/3/2024 11:33	2/3/2024 19:47	494	0
8068454	2/3/2024 11:35	2/3/2024 15:05	210	0
199337	2/3/2024 11:35	2/3/2024 14:21	166	0
1683861	2/3/2024 11:36	2/3/2024 14:26	170	0
854579	2/3/2024 11:36	2/3/2024 11:52	16	0
199354	2/3/2024 11:36	2/3/2024 14:21	165	0
1511264	2/3/2024 11:37	2/3/2024 14:40	183	0
197883	2/3/2024 11:37	2/3/2024 14:24	167	0
619266	2/3/2024 11:37	2/3/2024 19:37	480	0
553863	2/3/2024 11:37	2/3/2024 12:27	50	0
193420	2/3/2024 11:37	2/4/2024 9:00	1282.92	0
197356	2/3/2024 11:38	2/3/2024 14:23	165	0
197561	2/3/2024 11:38	2/3/2024 14:23	165	0
197629	2/3/2024 11:38	2/3/2024 14:25	167	1.13
195666	2/3/2024 11:38	2/3/2024 14:23	165	0
196965	2/3/2024 11:38	2/3/2024 14:23	165	0.36
353728	2/3/2024 11:39	2/3/2024 11:47	8	0
8668965	2/3/2024 11:39	2/3/2024 12:09	30	0
1511251	2/3/2024 11:39	2/3/2024 14:36	177	0
852125	2/3/2024 11:39	2/3/2024 11:58	19	0
196408	2/3/2024 11:40	2/3/2024 14:24	164	0
1093833	2/3/2024 11:41	2/3/2024 12:23	42	0
564518	2/3/2024 11:42	2/3/2024 12:25	43	0
567126	2/3/2024 11:42	2/3/2024 12:24	42	0
1375642	2/3/2024 11:46	2/3/2024 12:02	16	0
1406535	2/3/2024 11:46	2/3/2024 13:31	105	0
417158	2/3/2024 11:46	2/3/2024 12:02	16	0
1375227	2/3/2024 11:46	2/3/2024 12:02	16	0
353651	2/3/2024 11:46	2/3/2024 12:17	31	0
353728	2/3/2024 11:47	2/3/2024 12:24	37	0
416557	2/3/2024 11:47	2/3/2024 12:03	16	0
353371	2/3/2024 11:47	2/3/2024 12:13	26	0

415949	2/3/2024 11:47	2/3/2024 12:03	16	0
413869	2/3/2024 11:47	2/3/2024 12:03	16	0
980132	2/3/2024 11:50	2/3/2024 12:03	13	0
574993	2/3/2024 11:51	2/3/2024 11:56	5	0
1493132	2/3/2024 11:51	2/3/2024 11:57	6	0.1
10433250	2/3/2024 11:51	2/3/2024 12:02	11	0.07
854579	2/3/2024 11:52	2/3/2024 12:23	31	0
1671958	2/3/2024 11:52	2/3/2024 12:02	10	0
574596	2/3/2024 11:52	2/3/2024 12:37	45	0
418876	2/3/2024 11:52	2/3/2024 12:02	10	0
397349	2/3/2024 11:52	2/3/2024 12:13	21	0
259674	2/3/2024 11:52	2/3/2024 12:29	37	0
353082	2/3/2024 11:53	2/3/2024 12:14	21	0
260516	2/3/2024 11:54	2/3/2024 12:30	36	0
574993	2/3/2024 11:56	2/3/2024 13:36	100	0
1493132	2/3/2024 11:57	2/3/2024 14:13	136	0
852125	2/3/2024 11:58	2/3/2024 12:19	21	0
563721	2/3/2024 11:58	2/3/2024 12:03	5	0
1375227	2/3/2024 12:02	2/3/2024 14:13	131	0
417158	2/3/2024 12:02	2/3/2024 12:44	42	0
418876	2/3/2024 12:02	2/3/2024 12:44	42	0
1671958	2/3/2024 12:02	2/3/2024 12:44	42	0
10433250	2/3/2024 12:02	2/3/2024 19:29	447	0
1375642	2/3/2024 12:02	2/3/2024 14:29	147	0
456048	2/3/2024 12:02	2/4/2024 9:00	1257.78	0
456084	2/3/2024 12:02	2/4/2024 9:00	1257.78	0
563721	2/3/2024 12:03	2/3/2024 14:46	163	0
415949	2/3/2024 12:03	2/3/2024 12:45	42	0
413869	2/3/2024 12:03	2/3/2024 12:45	42	0
980132	2/3/2024 12:03	2/3/2024 15:33	210	0
416557	2/3/2024 12:03	2/3/2024 12:45	42	0
1417138	2/3/2024 12:03	2/3/2024 14:03	120	0
860281	2/3/2024 12:07	2/3/2024 12:49	42	0
486880	2/3/2024 12:07	2/4/2024 9:00	1252.78	0
859747	2/3/2024 12:08	2/3/2024 12:50	42	0
486985	2/3/2024 12:08	2/4/2024 9:00	1251.78	0
8668965	2/3/2024 12:09	2/3/2024 13:07	58	0
397349	2/3/2024 12:13	2/3/2024 14:13	120	0
353371	2/3/2024 12:13	2/3/2024 14:14	121	0
353082	2/3/2024 12:14	2/3/2024 14:15	121	0
353651	2/3/2024 12:17	2/3/2024 14:16	119	0
1604432	2/3/2024 12:19	2/3/2024 14:04	105	0
852125	2/3/2024 12:19	2/3/2024 19:39	440	0
11081884	2/3/2024 12:23	2/3/2024 14:23	120	0
1093833	2/3/2024 12:23	2/3/2024 14:24	121	0
854579	2/3/2024 12:23	2/3/2024 19:32	429	0
353728	2/3/2024 12:24	2/3/2024 14:25	121	0

567126	2/3/2024 12:24	2/3/2024 14:25	121	0
564518	2/3/2024 12:25	2/3/2024 14:26	121	0
553863	2/3/2024 12:27	2/3/2024 14:12	105	0
259674	2/3/2024 12:29	2/3/2024 14:29	120	0
347230	2/3/2024 12:29	2/3/2024 17:47	318	0
260516	2/3/2024 12:30	2/3/2024 19:33	423	0
561757	2/3/2024 12:35	2/3/2024 14:10	95	0
1437071	2/3/2024 12:35	2/3/2024 14:04	89	0
574596	2/3/2024 12:37	2/3/2024 14:07	90	0
558031	2/3/2024 12:39	2/3/2024 14:08	89	0
418876	2/3/2024 12:44	2/4/2024 9:00	1215.78	0
417158	2/3/2024 12:44	2/4/2024 9:00	1215.78	0
1671958	2/3/2024 12:44	2/4/2024 9:00	1215.78	0
415949	2/3/2024 12:45	2/4/2024 9:00	1214.78	0
416557	2/3/2024 12:45	2/3/2024 14:45	120	0
413869	2/3/2024 12:45	2/4/2024 9:00	1214.9	0
328113	2/3/2024 12:46	2/4/2024 9:00	1213.92	0
860281	2/3/2024 12:49	2/3/2024 13:52	63	0
449377	2/3/2024 12:49	2/3/2024 13:26	37	0
859747	2/3/2024 12:50	2/3/2024 13:53	63	0
1405290	2/3/2024 12:54	2/3/2024 13:31	37	0
1567514	2/3/2024 13:00	2/3/2024 14:03	63	0
1565203	2/3/2024 13:01	2/3/2024 14:15	74	0
13912	2/3/2024 13:01	2/4/2024 9:00	1198.92	0
756553	2/3/2024 13:03	2/3/2024 19:42	399	0
8972545	2/3/2024 13:05	2/3/2024 16:03	178	0
8668965	2/3/2024 13:07	2/3/2024 15:07	120	0
1077082	2/3/2024 13:08	2/3/2024 16:06	178	0
1092960	2/3/2024 13:08	2/3/2024 14:42	94	0
1019446	2/3/2024 13:15	2/3/2024 15:17	122	0
601397	2/3/2024 13:20	2/4/2024 9:00	1179.78	0
449377	2/3/2024 13:26	2/3/2024 14:34	68	0
1406535	2/3/2024 13:31	2/3/2024 19:42	371	0
1405290	2/3/2024 13:31	2/3/2024 19:37	366	0
1567316	2/3/2024 13:32	2/3/2024 14:14	42	0
500322	2/3/2024 13:36	2/3/2024 14:24	48	0
574993	2/3/2024 13:36	2/3/2024 13:41	5	0
65553	2/3/2024 13:37	2/4/2024 9:00	1162.92	0
70866	2/3/2024 13:37	2/4/2024 9:00	1162.92	0
500145	2/3/2024 13:40	2/3/2024 14:22	42	0
574993	2/3/2024 13:41	2/3/2024 13:51	10	0
574993	2/3/2024 13:51	2/3/2024 13:57	6	0
860281	2/3/2024 13:52	2/3/2024 17:37	225	0
859747	2/3/2024 13:53	2/3/2024 17:35	222	0
561758	2/3/2024 13:53	2/3/2024 14:25	32	0
675499	2/3/2024 13:53	2/3/2024 14:35	42	0
562856	2/3/2024 13:55	2/3/2024 14:27	32	0

574993	2/3/2024 13:57	2/3/2024 14:07	10	0
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954332	2/3/2024 13:57	2/3/2024 19:49	352	0
955448	2/3/2024 13:58	2/3/2024 15:12	74	0
956968	2/3/2024 13:58	2/3/2024 19:30	332	0
1020387	2/3/2024 13:58	2/3/2024 14:14	16	0
957216	2/3/2024 13:58	2/3/2024 15:11	73	0
957615	2/3/2024 13:59	2/3/2024 14:26	27	0
956125	2/3/2024 14:00	2/3/2024 15:19	79	0
1417138	2/3/2024 14:03	2/3/2024 14:19	16	0
1567514	2/3/2024 14:03	2/3/2024 14:13	10	0
1604432	2/3/2024 14:04	2/3/2024 14:18	14	0
1437071	2/3/2024 14:04	2/3/2024 14:20	16	0
1466638	2/3/2024 14:04	2/3/2024 14:20	16	0
219948	2/3/2024 14:05	2/4/2024 9:00	1134.92	0
1081237	2/3/2024 14:06	2/3/2024 19:46	340	0
574993	2/3/2024 14:07	2/3/2024 14:12	5	0
574596	2/3/2024 14:07	2/3/2024 14:22	15	0
1472045	2/3/2024 14:08	2/3/2024 14:40	32	0
1515733	2/3/2024 14:08	2/3/2024 14:23	15	0
558031	2/3/2024 14:08	2/3/2024 14:24	16	0
356505	2/3/2024 14:09	2/3/2024 14:25	16	0
561757	2/3/2024 14:10	2/3/2024 14:25	15	0
574993	2/3/2024 14:12	2/3/2024 14:23	11	0
553863	2/3/2024 14:12	2/3/2024 14:22	10	0
1567514	2/3/2024 14:13	2/3/2024 14:29	16	0
1493132	2/3/2024 14:13	2/3/2024 14:29	16	0
397349	2/3/2024 14:13	2/3/2024 14:29	16	0
1375227	2/3/2024 14:13	2/3/2024 14:29	16	0
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1565203	2/3/2024 14:15	2/3/2024 14:30	15	0
1064514	2/3/2024 14:15	2/4/2024 9:00	1124.53	0
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353651	2/3/2024 14:16	2/3/2024 14:32	16	0
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1430294	2/3/2024 14:17	2/3/2024 14:33	16	0
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456099	2/3/2024 14:18	2/3/2024 14:34	16	0
455629	2/3/2024 14:18	2/3/2024 14:34	16	0
1604432	2/3/2024 14:18	2/3/2024 14:35	17	0
51957	2/3/2024 14:19	2/3/2024 14:35	16	0

1602630	2/3/2024 14:19	2/3/2024 19:38	319	0
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454901	2/3/2024 14:19	2/3/2024 14:34	15	0
1417138	2/3/2024 14:19	2/3/2024 14:35	16	0
498070	2/3/2024 14:19	2/3/2024 14:35	16	0
1430553	2/3/2024 14:19	2/3/2024 14:35	16	0
1466638	2/3/2024 14:20	2/3/2024 14:36	16	0
457978	2/3/2024 14:20	2/3/2024 14:36	16	0
1437071	2/3/2024 14:20	2/3/2024 14:35	15	0
51483	2/3/2024 14:20	2/3/2024 14:35	15	0
195839	2/3/2024 14:21	2/3/2024 14:37	16	0
198082	2/3/2024 14:21	2/3/2024 19:41	320	0
454861	2/3/2024 14:21	2/3/2024 14:37	16	0
1020274	2/3/2024 14:21	2/3/2024 14:31	10	0
455345	2/3/2024 14:21	2/3/2024 14:37	16	0
199337	2/3/2024 14:21	2/3/2024 14:37	16	0
507365	2/3/2024 14:21	2/3/2024 14:37	16	0
199354	2/3/2024 14:21	2/3/2024 14:37	16	0
500173	2/3/2024 14:22	2/3/2024 14:37	15	0
197690	2/3/2024 14:22	2/3/2024 14:38	16	0
500145	2/3/2024 14:22	2/3/2024 14:38	16	0
553863	2/3/2024 14:22	2/3/2024 14:38	16	0
574596	2/3/2024 14:22	2/3/2024 14:37	15	0
11081884	2/3/2024 14:23	2/3/2024 14:39	16	0
574993	2/3/2024 14:23	2/3/2024 14:28	5	0
197561	2/3/2024 14:23	2/3/2024 14:39	16	0
510974	2/3/2024 14:23	2/3/2024 14:39	16	0
1515733	2/3/2024 14:23	2/3/2024 14:39	16	0
195666	2/3/2024 14:23	2/3/2024 14:39	16	0
1332906	2/3/2024 14:23	2/3/2024 14:54	31	0
197356	2/3/2024 14:23	2/3/2024 14:39	16	0
196965	2/3/2024 14:23	2/3/2024 14:38	15	0.02
197883	2/3/2024 14:24	2/3/2024 14:40	16	0
1093833	2/3/2024 14:24	2/3/2024 14:40	16	0
1333801	2/3/2024 14:24	2/3/2024 14:55	31	0
558031	2/3/2024 14:24	2/3/2024 19:32	308	0
511266	2/3/2024 14:24	2/3/2024 14:40	16	0
500322	2/3/2024 14:24	2/3/2024 14:39	15	0
455994	2/3/2024 14:24	2/3/2024 14:34	10	0
1266649	2/3/2024 14:24	2/3/2024 19:32	308	0
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563241	2/3/2024 14:24	2/3/2024 19:28	304	0
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510307	2/3/2024 14:25	2/3/2024 14:42	17	0
356505	2/3/2024 14:25	2/3/2024 14:40	15	0
567126	2/3/2024 14:25	2/3/2024 14:41	16	0

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197629	2/3/2024 14:25	2/3/2024 14:40	15	0
561757	2/3/2024 14:25	2/3/2024 19:32	307	0
957615	2/3/2024 14:26	2/3/2024 15:29	63	0
1683861	2/3/2024 14:26	2/3/2024 14:36	10	0
564518	2/3/2024 14:26	2/3/2024 14:41	15	0
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574993	2/3/2024 14:28	2/3/2024 14:39	11	0
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1375227	2/3/2024 14:29	2/3/2024 15:15	46	0
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446329	2/3/2024 14:32	2/3/2024 15:08	36	0
1430644	2/3/2024 14:32	2/3/2024 14:48	16	0
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1556486	2/3/2024 14:33	2/3/2024 15:36	63	0
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445867	2/3/2024 14:34	2/3/2024 15:10	36	0
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455994	2/3/2024 14:34	2/3/2024 15:37	63	0
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280173	2/3/2024 14:34	2/3/2024 19:35	301	0
456099	2/3/2024 14:34	2/3/2024 15:22	48	0
445201	2/3/2024 14:34	2/3/2024 14:44	10	0
926505	2/3/2024 14:35	2/4/2024 9:00	1104.83	0
51483	2/3/2024 14:35	2/3/2024 14:46	11	0

196408	2/3/2024 14:35	2/3/2024 19:36	301	0
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353728	2/3/2024 14:35	2/3/2024 14:56	21	0
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1556352	2/3/2024 14:36	2/3/2024 15:33	57	0
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1683861	2/3/2024 14:36	2/3/2024 19:39	303	0
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500173	2/3/2024 14:37	2/3/2024 19:31	294	0
199337	2/3/2024 14:37	2/3/2024 19:40	303	0
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199354	2/3/2024 14:37	2/3/2024 19:38	301	0
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507365	2/3/2024 14:37	2/3/2024 19:35	298	0
455345	2/3/2024 14:37	2/3/2024 15:20	43	0
195839	2/3/2024 14:37	2/3/2024 19:36	299	0
574596	2/3/2024 14:37	2/3/2024 19:37	300	0
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500322	2/3/2024 14:39	2/3/2024 19:37	298	0
1515733	2/3/2024 14:39	2/3/2024 19:36	297	0
197356	2/3/2024 14:39	2/3/2024 19:38	299	0
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11081884	2/3/2024 14:39	2/3/2024 19:38	299	0
197561	2/3/2024 14:39	2/3/2024 19:38	299	0
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197883	2/3/2024 14:40	2/3/2024 19:32	292	0
1511264	2/3/2024 14:40	2/3/2024 19:37	297	0.09
1093833	2/3/2024 14:40	2/3/2024 19:32	292	0
356505	2/3/2024 14:40	2/3/2024 19:47	307	0
457729	2/3/2024 14:40	2/3/2024 15:24	44	0
197629	2/3/2024 14:40	2/3/2024 19:43	303	0
511266	2/3/2024 14:40	2/3/2024 19:41	301	0

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564518	2/3/2024 14:41	2/3/2024 19:35	294	0
510307	2/3/2024 14:42	2/3/2024 19:28	286	0
1092960	2/3/2024 14:42	2/3/2024 19:32	290	0
1444809	2/3/2024 14:42	2/3/2024 14:58	16	0
1275035	2/3/2024 14:44	2/3/2024 19:30	286	0
574993	2/3/2024 14:44	2/3/2024 14:55	11	0
445201	2/3/2024 14:44	2/3/2024 19:40	296	0
571143	2/3/2024 14:44	2/3/2024 19:36	292	0
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1567514	2/3/2024 14:45	2/3/2024 19:32	287	0
353371	2/3/2024 14:45	2/3/2024 19:43	298	0
416557	2/3/2024 14:45	2/3/2024 19:33	288	0
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353082	2/3/2024 14:46	2/3/2024 19:37	291	0
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51483	2/3/2024 14:46	2/3/2024 19:36	290	0
563721	2/3/2024 14:46	2/3/2024 19:36	290	0
1565203	2/3/2024 14:47	2/3/2024 19:40	293	0
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1430294	2/3/2024 14:49	2/3/2024 19:36	287	0
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8950281	2/3/2024 14:49	2/3/2024 19:43	294	0
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279833	2/3/2024 14:50	2/3/2024 19:36	286	0
7902724	2/3/2024 14:50	2/3/2024 15:10	20	0
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12378019	2/3/2024 14:51	2/3/2024 19:31	280	0
275495	2/3/2024 14:51	2/3/2024 19:38	287	0
1430553	2/3/2024 14:51	2/3/2024 19:41	290	0
8495805	2/3/2024 14:51	2/4/2024 9:00	1088.78	0
519373	2/3/2024 14:52	2/3/2024 19:46	294	0
397349	2/3/2024 14:52	2/3/2024 19:43	291	0
1332906	2/3/2024 14:54	2/3/2024 19:26	272	0

277301	2/3/2024 14:54	2/3/2024 15:04	10	0
1265778	2/3/2024 14:54	2/3/2024 19:27	273	0
1333801	2/3/2024 14:55	2/3/2024 19:32	277	0
574993	2/3/2024 14:55	2/3/2024 15:00	5	0
353728	2/3/2024 14:56	2/3/2024 19:49	293	0
449377	2/3/2024 14:56	2/3/2024 15:31	35	0
1445317	2/3/2024 14:56	2/3/2024 17:09	133	0
1494722	2/3/2024 14:56	2/3/2024 19:42	286	0
1444809	2/3/2024 14:58	2/3/2024 17:09	131	0
574993	2/3/2024 15:00	2/3/2024 15:10	10	0
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1597556	2/3/2024 15:04	2/3/2024 19:32	268	0
277301	2/3/2024 15:04	2/3/2024 19:42	278	0
1393699	2/3/2024 15:04	2/3/2024 19:37	273	0
8068454	2/3/2024 15:05	2/3/2024 19:43	278	0
8668965	2/3/2024 15:07	2/3/2024 20:53	346	0
446329	2/3/2024 15:08	2/3/2024 19:41	273	0
277818	2/3/2024 15:09	2/3/2024 19:31	262	0
7902724	2/3/2024 15:10	2/3/2024 15:21	11	0
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1375642	2/3/2024 15:14	2/3/2024 19:47	273	0
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1375227	2/3/2024 15:15	2/3/2024 19:42	267	0
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1019446	2/3/2024 15:17	2/3/2024 19:19	242	0
455629	2/3/2024 15:18	2/3/2024 19:35	257	0
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1434359	2/3/2024 15:19	2/3/2024 19:26	247	0
1672454	2/3/2024 15:20	2/3/2024 19:37	257	0
455345	2/3/2024 15:20	2/3/2024 19:41	261	0
574993	2/3/2024 15:21	2/3/2024 15:26	5	0
7902724	2/3/2024 15:21	2/3/2024 15:37	16	0
454901	2/3/2024 15:21	2/3/2024 19:41	260	0
456099	2/3/2024 15:22	2/3/2024 19:31	249	0
454861	2/3/2024 15:24	2/3/2024 19:36	252	0
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457978	2/3/2024 15:26	2/3/2024 19:43	257	0
8148103	2/3/2024 15:26	2/3/2024 19:44	258	0
315306	2/3/2024 15:26	2/3/2024 19:44	258	0
316997	2/3/2024 15:26	2/3/2024 19:43	257	0

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957615	2/3/2024 15:29	2/3/2024 19:36	247	0
449377	2/3/2024 15:31	2/3/2024 16:08	37	0
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1556352	2/3/2024 15:33	2/3/2024 19:30	237	0
1556434	2/3/2024 15:35	2/3/2024 19:42	247	0
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643434	2/3/2024 15:36	2/3/2024 19:32	236	0
1557188	2/3/2024 15:36	2/3/2024 19:32	236	0
1556486	2/3/2024 15:36	2/3/2024 19:32	236	0
574993	2/3/2024 15:36	2/3/2024 15:42	6	0
7902724	2/3/2024 15:37	2/3/2024 15:47	10	0
455994	2/3/2024 15:37	2/3/2024 15:53	16	0
643812	2/3/2024 15:39	2/3/2024 19:40	241	0
574993	2/3/2024 15:42	2/3/2024 15:52	10	0
7902724	2/3/2024 15:47	2/3/2024 16:03	16	0
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1552154	2/3/2024 15:51	2/3/2024 19:42	231	0
508593	2/3/2024 15:51	2/3/2024 19:37	226	0
574993	2/3/2024 15:52	2/3/2024 15:57	5	0
455994	2/3/2024 15:53	2/3/2024 16:03	10	0
509233	2/3/2024 15:53	2/3/2024 19:39	226	0
1468266	2/3/2024 15:55	2/3/2024 19:40	225	0
1468500	2/3/2024 15:55	2/3/2024 19:36	221	0
1469866	2/3/2024 15:56	2/3/2024 19:36	220	0
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51957	2/3/2024 16:02	2/3/2024 19:46	224	0
7902724	2/3/2024 16:03	2/3/2024 19:43	220	0
455994	2/3/2024 16:03	2/3/2024 19:44	221	0
8972545	2/3/2024 16:03	2/3/2024 19:33	210	0
1077082	2/3/2024 16:06	2/3/2024 19:36	210	0
449377	2/3/2024 16:08	2/3/2024 16:29	21	0
574993	2/3/2024 16:24	2/3/2024 16:29	5	0
574993	2/3/2024 16:29	2/3/2024 16:55	26	0
449377	2/3/2024 16:29	2/3/2024 17:37	68	0
574993	2/3/2024 16:55	2/3/2024 17:00	5	0
574993	2/3/2024 17:00	2/3/2024 17:06	6	0
574993	2/3/2024 17:06	2/3/2024 17:11	5	0
1444809	2/3/2024 17:09	2/3/2024 19:31	142	0
1445317	2/3/2024 17:09	2/3/2024 19:34	145	0
574993	2/3/2024 17:11	2/4/2024 9:00	948.78	0
1466638	2/3/2024 17:24	2/3/2024 19:30	126	0
1351588	2/3/2024 17:25	2/3/2024 19:42	137	0

859747	2/3/2024 17:35	2/4/2024 9:00	924.83	0
449377	2/3/2024 17:37	2/3/2024 18:29	52	0
860281	2/3/2024 17:37	2/4/2024 9:00	922.83	0
347230	2/3/2024 17:47	2/3/2024 19:32	105	0
1546138	2/3/2024 17:50	2/3/2024 19:40	110	0
449377	2/3/2024 18:29	2/3/2024 19:22	53	0
330528	2/3/2024 18:56	2/4/2024 9:00	843.92	0
1019446	2/3/2024 19:19	2/4/2024 9:00	820.53	0
1020274	2/3/2024 19:22	2/4/2024 9:00	817.53	0
449377	2/3/2024 19:22	2/3/2024 20:04	42	0
1020565	2/3/2024 19:23	2/4/2024 9:00	816.53	0
160073	2/3/2024 19:24	2/4/2024 9:00	815.53	0
1599209	2/3/2024 19:25	2/4/2024 9:00	814.32	0
1704779	2/3/2024 19:25	2/4/2024 9:00	814.5	0
675499	2/3/2024 19:25	2/4/2024 9:00	814.83	0
1332906	2/3/2024 19:26	2/4/2024 9:00	813.5	0
997397	2/3/2024 19:26	2/4/2024 9:00	813.53	0
1272457	2/3/2024 19:26	2/4/2024 8:02	756	0
800588	2/3/2024 19:26	2/4/2024 9:00	813.83	0
1020387	2/3/2024 19:26	2/4/2024 9:00	813.53	0
1320008	2/3/2024 19:26	2/4/2024 9:00	813.5	0
1434359	2/3/2024 19:26	2/4/2024 9:00	813.32	0
656343	2/3/2024 19:27	2/4/2024 9:00	812.83	0
926657	2/3/2024 19:27	2/4/2024 9:00	812.83	0
1321605	2/3/2024 19:27	2/4/2024 9:00	812.5	0
1265778	2/3/2024 19:27	2/4/2024 9:00	812.5	0
800576	2/3/2024 19:28	2/4/2024 9:00	811.83	0
510307	2/3/2024 19:28	2/4/2024 9:00	811.78	0
563241	2/3/2024 19:28	2/4/2024 9:00	811.78	0
800590	2/3/2024 19:28	2/4/2024 9:00	811.83	0
1309098	2/3/2024 19:29	2/4/2024 9:00	810.5	0
10433250	2/3/2024 19:29	2/4/2024 9:00	810.5	0
2032900	2/3/2024 19:29	2/4/2024 9:00	810.5	0
1466415	2/3/2024 19:29	2/4/2024 9:00	810.32	0
498070	2/3/2024 19:29	2/4/2024 9:00	810.78	0
955448	2/3/2024 19:29	2/4/2024 9:00	810.53	0
1556352	2/3/2024 19:30	2/4/2024 9:00	809.32	0
1466638	2/3/2024 19:30	2/4/2024 8:06	756	0
1650561	2/3/2024 19:30	2/4/2024 9:00	809.53	0
1431804	2/3/2024 19:30	2/4/2024 9:00	809.32	0
353651	2/3/2024 19:30	2/4/2024 9:00	809.92	0
1469956	2/3/2024 19:30	2/4/2024 9:00	809.32	0
957216	2/3/2024 19:30	2/4/2024 9:00	809.53	0
1275035	2/3/2024 19:30	2/4/2024 9:00	809.5	0
658658	2/3/2024 19:30	2/4/2024 9:00	809.83	0
1704232	2/3/2024 19:30	2/4/2024 9:00	809.5	0
800600	2/3/2024 19:30	2/4/2024 9:00	809.83	0

1434316	2/3/2024 19:30	2/4/2024 9:00	809.32	0
956968	2/3/2024 19:30	2/4/2024 9:00	809.53	0
553863	2/3/2024 19:31	2/4/2024 9:00	808.78	0
790670	2/3/2024 19:31	2/4/2024 9:00	808.83	0
264379	2/3/2024 19:31	2/4/2024 9:00	808.92	0
309265	2/3/2024 19:31	2/4/2024 9:00	808.92	0
1469850	2/3/2024 19:31	2/4/2024 9:00	808.32	0
1513363	2/3/2024 19:31	2/4/2024 9:00	808.32	0
1415828	2/3/2024 19:31	2/4/2024 9:00	808.5	0
1412757	2/3/2024 19:31	2/4/2024 9:00	808.5	0
500173	2/3/2024 19:31	2/4/2024 9:00	808.78	0
1461375	2/3/2024 19:31	2/4/2024 9:00	808.32	0
8603428	2/3/2024 19:31	2/4/2024 9:00	808.92	0
1556565	2/3/2024 19:31	2/4/2024 9:00	808.32	0
1513398	2/3/2024 19:31	2/4/2024 9:00	808.32	0
456099	2/3/2024 19:31	2/4/2024 9:00	808.78	0
12378019	2/3/2024 19:31	2/4/2024 9:00	808.92	0
277818	2/3/2024 19:31	2/4/2024 9:00	808.92	0
1444809	2/3/2024 19:31	2/4/2024 7:57	746	0
1452193	2/3/2024 19:32	2/4/2024 9:00	807.32	0
558031	2/3/2024 19:32	2/4/2024 9:00	807.78	0
314188	2/3/2024 19:32	2/4/2024 9:00	807.92	0
1597556	2/3/2024 19:32	2/4/2024 9:00	807.32	0
643434	2/3/2024 19:32	2/4/2024 9:00	807.78	0
549259	2/3/2024 19:32	2/4/2024 9:00	807.78	0
1514000	2/3/2024 19:32	2/4/2024 9:00	807.32	0
197883	2/3/2024 19:32	2/4/2024 9:00	807.92	0
854579	2/3/2024 19:32	2/4/2024 9:00	807.83	0
500145	2/3/2024 19:32	2/4/2024 9:00	807.78	0
325050	2/3/2024 19:32	2/4/2024 9:00	807.92	0
1557188	2/3/2024 19:32	2/4/2024 9:00	807.32	0
588892	2/3/2024 19:32	2/4/2024 9:00	807.78	0
552210	2/3/2024 19:32	2/4/2024 9:00	807.78	0
324290	2/3/2024 19:32	2/4/2024 9:00	807.92	0
1556486	2/3/2024 19:32	2/4/2024 9:00	807.32	0
561757	2/3/2024 19:32	2/4/2024 9:00	807.78	0
1093833	2/3/2024 19:32	2/4/2024 9:00	807.78	0
196965	2/3/2024 19:32	2/4/2024 9:00	807.92	0
47769	2/3/2024 19:32	2/4/2024 9:00	807.92	0
1551510	2/3/2024 19:32	2/4/2024 9:00	807.32	0
1266649	2/3/2024 19:32	2/4/2024 9:00	807.5	0
1503634	2/3/2024 19:32	2/4/2024 9:00	807.5	0
1190246	2/3/2024 19:32	2/4/2024 9:00	807.5	0
1546321	2/3/2024 19:32	2/4/2024 8:08	756	0
646026	2/3/2024 19:32	2/4/2024 9:00	807.78	0
1333801	2/3/2024 19:32	2/4/2024 9:00	807.5	0
1518000	2/3/2024 19:32	2/4/2024 9:00	807.32	0

259674	2/3/2024 19:32	2/4/2024 9:00	807.92	0
1092960	2/3/2024 19:32	2/4/2024 9:00	807.78	0
1567514	2/3/2024 19:32	2/4/2024 9:00	807.32	0
347230	2/3/2024 19:32	2/4/2024 7:58	746	0
317195	2/3/2024 19:33	2/4/2024 9:00	806.92	0
664453	2/3/2024 19:33	2/4/2024 9:00	806.83	0
317233	2/3/2024 19:33	2/4/2024 9:00	806.92	0
315346	2/3/2024 19:33	2/4/2024 9:00	806.92	0
567126	2/3/2024 19:33	2/4/2024 9:00	806.78	0
995564	2/3/2024 19:33	2/4/2024 9:00	806.53	0
510974	2/3/2024 19:33	2/4/2024 9:00	806.78	0
1466357	2/3/2024 19:33	2/4/2024 9:00	806.32	0
561758	2/3/2024 19:33	2/4/2024 9:00	806.78	0
793285	2/3/2024 19:33	2/4/2024 9:00	806.83	0
416557	2/3/2024 19:33	2/4/2024 9:00	806.78	0
449036	2/3/2024 19:33	2/4/2024 9:00	806.78	0
8972545	2/3/2024 19:33	2/4/2024 9:00	806.78	0
260516	2/3/2024 19:33	2/4/2024 9:00	806.92	0
10371746	2/3/2024 19:34	2/4/2024 9:00	805.78	0
1445317	2/3/2024 19:34	2/4/2024 9:00	805.32	0
317797	2/3/2024 19:34	2/4/2024 9:00	805.92	0
280749	2/3/2024 19:34	2/4/2024 9:00	805.92	0
1430838	2/3/2024 19:35	2/4/2024 9:00	804.32	0
274059	2/3/2024 19:35	2/4/2024 9:00	804.92	0
507365	2/3/2024 19:35	2/4/2024 9:00	804.78	0
1463520	2/3/2024 19:35	2/4/2024 9:00	804.32	0
1573666	2/3/2024 19:35	2/4/2024 9:00	804.32	0
275018	2/3/2024 19:35	2/4/2024 9:00	804.92	0
506261	2/3/2024 19:35	2/4/2024 9:00	804.78	0
1523524	2/3/2024 19:35	2/4/2024 9:00	804.32	0
1444947	2/3/2024 19:35	2/4/2024 9:00	804.32	0
280173	2/3/2024 19:35	2/4/2024 9:00	804.92	0
8511623	2/3/2024 19:35	2/4/2024 9:00	804.92	0
455629	2/3/2024 19:35	2/4/2024 9:00	804.78	0
564518	2/3/2024 19:35	2/4/2024 9:00	804.78	0
1437071	2/3/2024 19:35	2/4/2024 9:00	804.32	0
571143	2/3/2024 19:36	2/4/2024 9:00	803.78	0
197690	2/3/2024 19:36	2/4/2024 9:00	803.92	0
1550815	2/3/2024 19:36	2/4/2024 9:00	803.32	0
454861	2/3/2024 19:36	2/4/2024 9:00	803.78	0
1567316	2/3/2024 19:36	2/4/2024 9:00	803.32	0
1430294	2/3/2024 19:36	2/4/2024 9:00	803.32	0
8495802	2/3/2024 19:36	2/4/2024 9:00	803.32	0
1466445	2/3/2024 19:36	2/4/2024 9:00	803.32	0
956125	2/3/2024 19:36	2/4/2024 9:00	803.53	0
801004	2/3/2024 19:36	2/4/2024 9:00	803.83	0
1564506	2/3/2024 19:36	2/4/2024 9:00	803.32	0

1468500	2/3/2024 19:36	2/4/2024 9:00	803.32	0
314945	2/3/2024 19:36	2/4/2024 9:00	803.92	0
957615	2/3/2024 19:36	2/4/2024 9:00	803.53	0
1077082	2/3/2024 19:36	2/4/2024 9:00	803.78	0
1469866	2/3/2024 19:36	2/4/2024 9:00	803.32	0
279833	2/3/2024 19:36	2/4/2024 9:00	803.92	0
51483	2/3/2024 19:36	2/4/2024 8:18	762	0
658837	2/3/2024 19:36	2/4/2024 9:00	803.83	0
324249	2/3/2024 19:36	2/4/2024 9:00	803.92	0
1444636	2/3/2024 19:36	2/4/2024 9:00	803.32	0
1557303	2/3/2024 19:36	2/4/2024 9:00	803.32	0
1515733	2/3/2024 19:36	2/4/2024 9:00	803.32	0
1519715	2/3/2024 19:36	2/4/2024 9:00	803.32	0
195839	2/3/2024 19:36	2/4/2024 9:00	803.92	0
563721	2/3/2024 19:36	2/4/2024 9:00	803.78	0
1463680	2/3/2024 19:36	2/4/2024 9:00	803.32	0
196408	2/3/2024 19:36	2/4/2024 9:00	803.92	0
793690	2/3/2024 19:36	2/4/2024 9:00	803.83	0
417990	2/3/2024 19:36	2/4/2024 9:00	803.78	0
1513240	2/3/2024 19:36	2/4/2024 9:00	803.32	0
8434548	2/3/2024 19:36	2/4/2024 9:00	803.92	0
1519179	2/3/2024 19:36	2/4/2024 9:00	803.32	0
574596	2/3/2024 19:37	2/4/2024 9:00	802.78	0
315169	2/3/2024 19:37	2/4/2024 9:00	802.92	0
1685329	2/3/2024 19:37	2/4/2024 9:00	802.5	0
1432940	2/3/2024 19:37	2/4/2024 7:52	735	0
1549376	2/3/2024 19:37	2/4/2024 9:00	802.32	0
1549436	2/3/2024 19:37	2/4/2024 9:00	802.32	0
274522	2/3/2024 19:37	2/4/2024 9:00	802.92	0
1393699	2/3/2024 19:37	2/4/2024 9:00	802.5	0
10013697	2/3/2024 19:37	2/4/2024 9:00	802.32	0
1511251	2/3/2024 19:37	2/4/2024 9:00	802.32	0
281235	2/3/2024 19:37	2/4/2024 9:00	802.92	0
1405290	2/3/2024 19:37	2/4/2024 9:00	802.5	0
1547686	2/3/2024 19:37	2/4/2024 9:00	802.32	0
281332	2/3/2024 19:37	2/4/2024 9:00	802.92	0
500322	2/3/2024 19:37	2/4/2024 9:00	802.78	0
1546695	2/3/2024 19:37	2/4/2024 9:00	802.32	0
619266	2/3/2024 19:37	2/4/2024 9:00	802.78	0
265473	2/3/2024 19:37	2/4/2024 9:00	802.92	0
1469270	2/3/2024 19:37	2/4/2024 9:00	802.32	0
1433348	2/3/2024 19:37	2/4/2024 7:52	735	0
508593	2/3/2024 19:37	2/4/2024 9:00	802.78	0
1672454	2/3/2024 19:37	2/4/2024 9:00	802.78	0
1511264	2/3/2024 19:37	2/4/2024 9:00	802.32	0
353082	2/3/2024 19:37	2/4/2024 9:00	802.92	0
1447297	2/3/2024 19:38	2/4/2024 9:00	801.32	0

1447211	2/3/2024 19:38	2/4/2024 9:00	801.32	0
1539621	2/3/2024 19:38	2/4/2024 9:00	801.32	0
281056	2/3/2024 19:38	2/4/2024 9:00	801.92	0
1467272	2/3/2024 19:38	2/4/2024 9:00	801.32	0
445867	2/3/2024 19:38	2/4/2024 9:00	801.78	0
323747	2/3/2024 19:38	2/4/2024 9:00	801.92	0
195666	2/3/2024 19:38	2/4/2024 9:00	801.92	0
11081884	2/3/2024 19:38	2/4/2024 9:00	801.92	0
1602630	2/3/2024 19:38	2/4/2024 9:00	801.32	0
1417138	2/3/2024 19:38	2/4/2024 9:00	801.5	0
21306	2/3/2024 19:38	2/4/2024 9:00	801.92	0
1451744	2/3/2024 19:38	2/4/2024 9:00	801.32	0
275495	2/3/2024 19:38	2/4/2024 9:00	801.92	0
553755	2/3/2024 19:38	2/4/2024 9:00	801.78	0
1414392	2/3/2024 19:38	2/4/2024 9:00	801.5	0
197356	2/3/2024 19:38	2/4/2024 9:00	801.92	0
197561	2/3/2024 19:38	2/4/2024 9:00	801.92	0
1514004	2/3/2024 19:38	2/4/2024 9:00	801.32	0
199354	2/3/2024 19:38	2/4/2024 9:00	801.92	0
11467920	2/3/2024 19:38	2/4/2024 9:00	801.32	0
4173986	2/3/2024 19:38	2/4/2024 9:00	801.92	0
1683861	2/3/2024 19:39	2/4/2024 9:00	800.92	0
315345	2/3/2024 19:39	2/4/2024 9:00	800.92	0
852125	2/3/2024 19:39	2/4/2024 9:00	800.83	0
509233	2/3/2024 19:39	2/4/2024 9:00	800.78	0
1554218	2/3/2024 19:40	2/4/2024 9:00	799.32	0
1515964	2/3/2024 19:40	2/4/2024 9:00	799.32	0
1565203	2/3/2024 19:40	2/4/2024 9:00	799.32	0
1546138	2/3/2024 19:40	2/4/2024 9:00	799.32	0
644030	2/3/2024 19:40	2/4/2024 9:00	799.78	0
643812	2/3/2024 19:40	2/4/2024 9:00	799.78	0
1514677	2/3/2024 19:40	2/4/2024 9:00	799.32	0
1394365	2/3/2024 19:40	2/4/2024 9:00	799.5	0
445201	2/3/2024 19:40	2/4/2024 9:00	799.78	0
280364	2/3/2024 19:40	2/4/2024 9:00	799.92	0
1310926	2/3/2024 19:40	2/4/2024 9:00	799.5	0
199337	2/3/2024 19:40	2/4/2024 9:00	799.92	0
562856	2/3/2024 19:40	2/4/2024 9:00	799.78	0
1446785	2/3/2024 19:40	2/4/2024 9:00	799.32	0
1468266	2/3/2024 19:40	2/4/2024 9:00	799.32	0
1513911	2/3/2024 19:41	2/4/2024 9:00	798.32	0
1430553	2/3/2024 19:41	2/4/2024 9:00	798.32	0
7178975	2/3/2024 19:41	2/4/2024 9:00	798.92	0
1513959	2/3/2024 19:41	2/4/2024 9:00	798.32	0
1493132	2/3/2024 19:41	2/4/2024 9:00	798.5	0
446329	2/3/2024 19:41	2/4/2024 9:00	798.78	0
309944	2/3/2024 19:41	2/4/2024 9:00	798.92	0

511266	2/3/2024 19:41	2/4/2024 9:00	798.78	0
1535304	2/3/2024 19:41	2/4/2024 9:00	798.32	0
198082	2/3/2024 19:41	2/4/2024 9:00	798.92	0
315730	2/3/2024 19:41	2/4/2024 9:00	798.92	0
455345	2/3/2024 19:41	2/4/2024 9:00	798.78	0
308802	2/3/2024 19:41	2/4/2024 9:00	798.92	0
1547843	2/3/2024 19:41	2/4/2024 9:00	798.32	0
308032	2/3/2024 19:41	2/4/2024 9:00	798.92	0
454901	2/3/2024 19:41	2/4/2024 9:00	798.78	0
1494722	2/3/2024 19:42	2/4/2024 9:00	797.5	0
1406535	2/3/2024 19:42	2/4/2024 9:00	797.5	0
1375227	2/3/2024 19:42	2/4/2024 9:00	797.5	0
1351588	2/3/2024 19:42	2/4/2024 9:00	797.5	0
21820	2/3/2024 19:42	2/4/2024 9:00	797.92	0
10393495	2/3/2024 19:42	2/4/2024 9:00	797.92	0
1555268	2/3/2024 19:42	2/4/2024 9:00	797.32	0
1641091	2/3/2024 19:42	2/4/2024 9:00	797.32	0
1556434	2/3/2024 19:42	2/4/2024 9:00	797.32	0
267537	2/3/2024 19:42	2/4/2024 9:00	797.92	0
1552154	2/3/2024 19:42	2/4/2024 9:00	797.32	0
1535397	2/3/2024 19:42	2/4/2024 9:00	797.32	0
1416360	2/3/2024 19:42	2/4/2024 9:00	797.5	0
8206792	2/3/2024 19:42	2/4/2024 9:00	797.32	0
1450250	2/3/2024 19:42	2/4/2024 9:00	797.32	0
756553	2/3/2024 19:42	2/4/2024 9:00	797.78	0
457729	2/3/2024 19:42	2/4/2024 9:00	797.78	0
277301	2/3/2024 19:42	2/4/2024 9:00	797.92	0
274125	2/3/2024 19:42	2/4/2024 9:00	797.92	0
1604432	2/3/2024 19:42	2/4/2024 9:00	797.32	0
1465282	2/3/2024 19:43	2/4/2024 9:00	796.32	0
8068454	2/3/2024 19:43	2/4/2024 9:00	796.78	0
397349	2/3/2024 19:43	2/4/2024 9:00	796.78	0
6714863	2/3/2024 19:43	2/4/2024 9:00	796.83	0
1394324	2/3/2024 19:43	2/4/2024 9:00	796.5	0
324045	2/3/2024 19:43	2/4/2024 9:00	796.92	0
7902724	2/3/2024 19:43	2/4/2024 8:35	772	0
1547692	2/3/2024 19:43	2/4/2024 9:00	796.32	0
1472045	2/3/2024 19:43	2/4/2024 9:00	796.32	0
457978	2/3/2024 19:43	2/4/2024 9:00	796.78	0
49209	2/3/2024 19:43	2/4/2024 9:00	796.92	0
276488	2/3/2024 19:43	2/4/2024 9:00	796.92	0
10659831	2/3/2024 19:43	2/4/2024 9:00	796.32	0
1515678	2/3/2024 19:43	2/4/2024 9:00	796.32	0
353371	2/3/2024 19:43	2/4/2024 9:00	796.92	0
8950281	2/3/2024 19:43	2/4/2024 8:20	757	0
9063373	2/3/2024 19:43	2/4/2024 9:00	796.5	0
316997	2/3/2024 19:43	2/4/2024 9:00	796.92	0

197629	2/3/2024 19:43	2/4/2024 9:00	796.92	0
642003	2/3/2024 19:44	2/4/2024 9:00	795.78	0
315306	2/3/2024 19:44	2/4/2024 9:00	795.92	0
323657	2/3/2024 19:44	2/4/2024 9:00	795.92	0
8148103	2/3/2024 19:44	2/4/2024 9:00	795.92	0
455994	2/3/2024 19:44	2/4/2024 9:00	795.78	0
1551513	2/3/2024 19:46	2/4/2024 9:00	793.32	0
1081237	2/3/2024 19:46	2/4/2024 9:00	793.9	0
519373	2/3/2024 19:46	2/4/2024 9:00	793.92	0
51957	2/3/2024 19:46	2/4/2024 9:00	793.92	0
954637	2/3/2024 19:46	2/4/2024 9:00	793.53	0
280780	2/3/2024 19:47	2/4/2024 9:00	792.92	0
1375642	2/3/2024 19:47	2/4/2024 9:00	792.5	0
10714479	2/3/2024 19:47	2/4/2024 9:00	792.32	0
356505	2/3/2024 19:47	2/4/2024 9:00	792.78	0
353728	2/3/2024 19:49	2/4/2024 9:00	790.92	0
954332	2/3/2024 19:49	2/4/2024 9:00	790.53	0
980132	2/3/2024 19:54	2/4/2024 9:00	785.53	0
449377	2/3/2024 20:04	2/3/2024 20:57	53	0
1576533	2/3/2024 20:07	2/4/2024 9:00	772.32	0
1430644	2/3/2024 20:13	2/4/2024 9:00	766.32	0
8668965	2/3/2024 20:53	2/4/2024 9:00	726.78	0
449377	2/3/2024 20:57	2/3/2024 21:39	42	0
1465882	2/3/2024 20:59	2/4/2024 9:00	720.32	0
449377	2/3/2024 21:39	2/3/2024 22:10	31	0
449377	2/3/2024 22:10	2/3/2024 23:18	68	0
449377	2/3/2024 23:18	2/4/2024 0:32	74	0
449377	2/4/2024 0:32	2/4/2024 0:53	21	0
449377	2/4/2024 0:53	2/4/2024 1:51	58	0
449377	2/4/2024 1:51	2/4/2024 4:07	136	0
449377	2/4/2024 4:07	2/4/2024 4:28	21	0
449377	2/4/2024 4:28	2/4/2024 5:29	61	0
449377	2/4/2024 5:29	2/4/2024 6:24	55	0
449377	2/4/2024 6:24	2/4/2024 6:48	24	0
449377	2/4/2024 6:48	2/4/2024 7:11	23	0
449377	2/4/2024 7:11	2/4/2024 7:58	47	0
1433348	2/4/2024 7:52	2/4/2024 9:00	67.32	0
1432940	2/4/2024 7:52	2/4/2024 9:00	67.32	0
1444809	2/4/2024 7:57	2/4/2024 9:00	62.32	0
347230	2/4/2024 7:58	2/4/2024 9:00	61.92	0
449377	2/4/2024 7:58	2/4/2024 9:00	61.78	0
1272457	2/4/2024 8:02	2/4/2024 9:00	57.5	0
1535026	2/4/2024 8:03	2/4/2024 9:00	56.32	0
1466638	2/4/2024 8:06	2/4/2024 9:00	53.32	0
1535035	2/4/2024 8:07	2/4/2024 9:00	52.32	0
1535575	2/4/2024 8:08	2/4/2024 9:00	51.32	0
1546321	2/4/2024 8:08	2/4/2024 9:00	51.32	0.09

1654064	2/4/2024 8:13	2/4/2024 9:00	46.53	0
51483	2/4/2024 8:18	2/4/2024 9:00	41.92	0
8950281	2/4/2024 8:20	2/4/2024 9:00	39.92	0
7902724	2/4/2024 8:35	2/4/2024 9:00	24.92	0
447406	2/4/2024 9:00	2/5/2024 9:00	1439.78	0
1516579	2/4/2024 9:00	2/4/2024 11:07	127	0
1552447	2/4/2024 9:00	2/5/2024 9:00	1439.32	0
1557303	2/4/2024 9:00	2/4/2024 14:57	357	0
324045	2/4/2024 9:00	2/4/2024 10:36	96	0.07
574993	2/4/2024 9:00	2/4/2024 10:09	69	0
1654064	2/4/2024 9:00	2/4/2024 19:19	619	0
319279	2/4/2024 9:00	2/5/2024 9:00	1439.92	0
1702895	2/4/2024 9:00	2/5/2024 9:00	1439.5	0
1516786	2/4/2024 9:00	2/4/2024 11:54	174	0
642003	2/4/2024 9:00	2/4/2024 19:42	642	0
1680798	2/4/2024 9:00	2/5/2024 9:00	1439.92	0
1704044	2/4/2024 9:00	2/5/2024 9:00	1439.5	0
1288420	2/4/2024 9:00	2/5/2024 9:00	1439.5	0
7194273	2/4/2024 9:00	2/5/2024 9:00	1439.32	0
8603428	2/4/2024 9:00	2/5/2024 9:00	1439.92	0
675499	2/4/2024 9:00	2/4/2024 11:05	125	0
554089	2/4/2024 9:00	2/5/2024 9:00	1439.78	0
1349032	2/4/2024 9:00	2/5/2024 9:00	1439.5	0
10222019	2/4/2024 9:00	2/5/2024 9:00	1439.5	0
1466638	2/4/2024 9:00	2/4/2024 11:05	125	0
1513541	2/4/2024 9:00	2/5/2024 9:00	1439.32	0
280780	2/4/2024 9:00	2/5/2024 9:00	1439.92	0
6761269	2/4/2024 9:00	2/5/2024 9:00	1439.92	0
562202	2/4/2024 9:00	2/5/2024 9:00	1439.78	0
1552990	2/4/2024 9:00	2/5/2024 9:00	1439.32	0
1333801	2/4/2024 9:00	2/4/2024 14:05	305	0
353728	2/4/2024 9:00	2/4/2024 12:00	180	0
8766703	2/4/2024 9:00	2/5/2024 9:00	1439.53	0
197883	2/4/2024 9:00	2/4/2024 10:04	64	0
1453263	2/4/2024 9:00	2/4/2024 10:54	114	0
561758	2/4/2024 9:01	2/4/2024 14:11	310	0
314188	2/4/2024 9:01	2/4/2024 19:36	635	0
353371	2/4/2024 9:01	2/4/2024 10:14	73	0
1451744	2/4/2024 9:01	2/4/2024 11:38	157	0.13
317797	2/4/2024 9:02	2/4/2024 11:43	161	0
317195	2/4/2024 9:02	2/4/2024 10:25	83	0
1422300	2/4/2024 9:06	2/5/2024 9:00	1433.5	0
8950281	2/4/2024 9:07	2/4/2024 10:20	73	0
509233	2/4/2024 9:07	2/4/2024 15:22	375	0
1394324	2/4/2024 9:07	2/4/2024 19:42	635	0
1317908	2/4/2024 9:08	2/4/2024 19:57	649	0.03
8668965	2/4/2024 9:09	2/5/2024 9:00	1430.78	0

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1463680	2/4/2024 9:10	2/4/2024 19:33	623	0
1466445	2/4/2024 9:10	2/4/2024 19:37	627	0
325050	2/4/2024 9:10	2/4/2024 11:37	147	0
1081237	2/4/2024 9:10	2/4/2024 19:44	634	0
1452193	2/4/2024 9:11	2/4/2024 11:38	147	0
1467272	2/4/2024 9:11	2/4/2024 19:36	625	0
1452843	2/4/2024 9:11	2/4/2024 10:52	101	0
1393699	2/4/2024 9:11	2/4/2024 14:42	331	0
1465282	2/4/2024 9:12	2/4/2024 19:42	630	0
1307575	2/4/2024 9:12	2/4/2024 14:26	314	0.91
385332	2/4/2024 9:12	2/4/2024 19:21	609	0
1494722	2/4/2024 9:15	2/4/2024 14:41	326	1.7
1272457	2/4/2024 9:16	2/4/2024 19:25	609	0
347230	2/4/2024 9:17	2/4/2024 19:31	614	0
980398	2/4/2024 9:17	2/4/2024 11:17	120	0
7902724	2/4/2024 9:17	2/4/2024 10:20	63	0
852125	2/4/2024 9:19	2/4/2024 14:23	304	0
1641091	2/4/2024 9:22	2/4/2024 11:37	135	0
854579	2/4/2024 9:22	2/4/2024 14:21	299	0
1321605	2/4/2024 9:22	2/4/2024 14:26	304	0
1523524	2/4/2024 9:24	2/4/2024 11:41	137	0
1190246	2/4/2024 9:27	2/4/2024 19:36	609	0
276488	2/4/2024 9:33	2/4/2024 11:34	121	0
275495	2/4/2024 9:33	2/4/2024 11:38	125	0
4173986	2/4/2024 9:33	2/4/2024 11:35	122	0
275018	2/4/2024 9:35	2/4/2024 11:36	121	0
1417138	2/4/2024 9:36	2/4/2024 19:35	599	0
279833	2/4/2024 9:36	2/4/2024 11:35	119	0
10393495	2/4/2024 9:37	2/4/2024 11:42	125	0
1433348	2/4/2024 9:37	2/4/2024 19:41	604	0
1432940	2/4/2024 9:37	2/4/2024 19:36	599	0
274522	2/4/2024 9:38	2/4/2024 11:35	117	0.39
563241	2/4/2024 9:38	2/4/2024 14:13	275	0
1446401	2/4/2024 9:39	2/4/2024 19:34	595	0
562856	2/4/2024 9:40	2/4/2024 14:08	268	0
8486022	2/4/2024 9:42	2/4/2024 19:36	594	0
353651	2/4/2024 9:45	2/4/2024 10:15	30	0
1430553	2/4/2024 9:46	2/4/2024 14:19	273	1.21
51957	2/4/2024 9:46	2/4/2024 14:19	273	0
1430644	2/4/2024 9:47	2/4/2024 14:20	273	0.44
1556434	2/4/2024 9:47	2/4/2024 11:32	105	0.26
1556565	2/4/2024 9:47	2/4/2024 11:37	110	0
353082	2/4/2024 9:48	2/4/2024 10:14	26	0
1430838	2/4/2024 9:48	2/4/2024 14:22	274	0
281235	2/4/2024 9:49	2/4/2024 11:34	105	0
1394365	2/4/2024 9:49	2/4/2024 19:42	593	0

1556486	2/4/2024 9:49	2/4/2024 11:33	104	0
9063373	2/4/2024 9:50	2/4/2024 19:43	593	0
498070	2/4/2024 9:50	2/4/2024 11:51	121	0
65245	2/4/2024 9:51	2/4/2024 12:07	136	0
574596	2/4/2024 9:52	2/4/2024 11:36	104	0
553863	2/4/2024 9:52	2/4/2024 11:53	121	0
859747	2/4/2024 9:52	2/4/2024 19:40	588	0
500173	2/4/2024 9:52	2/4/2024 11:48	116	0
1320008	2/4/2024 9:52	2/4/2024 14:25	273	0.09
860281	2/4/2024 9:53	2/4/2024 19:31	578	0
315346	2/4/2024 9:54	2/4/2024 11:39	105	0
510974	2/4/2024 9:54	2/4/2024 11:55	121	0
315345	2/4/2024 9:55	2/4/2024 11:40	105	0
317233	2/4/2024 9:57	2/4/2024 11:42	105	0.39
314945	2/4/2024 9:58	2/4/2024 11:43	105	0.54
1515678	2/4/2024 9:59	2/4/2024 10:47	48	0
49209	2/4/2024 10:01	2/4/2024 19:38	577	0
1503634	2/4/2024 10:01	2/4/2024 19:30	569	0
7178975	2/4/2024 10:02	2/4/2024 19:39	577	0.42
315730	2/4/2024 10:02	2/4/2024 19:39	577	0
1430294	2/4/2024 10:03	2/4/2024 14:20	257	0
196408	2/4/2024 10:03	2/4/2024 14:45	282	0
315169	2/4/2024 10:03	2/4/2024 19:30	567	0
197629	2/4/2024 10:04	2/4/2024 14:48	284	1.37
852071	2/4/2024 10:04	2/4/2024 14:21	257	0
47769	2/4/2024 10:04	2/4/2024 19:37	573	0
195839	2/4/2024 10:04	2/4/2024 16:05	361	0
197883	2/4/2024 10:04	2/4/2024 14:47	283	0
265864	2/4/2024 10:04	2/4/2024 14:22	258	0
1539621	2/4/2024 10:04	2/4/2024 19:39	575	0
1546321	2/4/2024 10:04	2/4/2024 19:36	572	0.05
451783	2/4/2024 10:04	2/4/2024 14:16	252	0
266010	2/4/2024 10:05	2/4/2024 11:54	109	0
561757	2/4/2024 10:06	2/5/2024 8:37	1351	0
308802	2/4/2024 10:07	2/4/2024 19:45	578	0
1511251	2/4/2024 10:07	2/4/2024 19:33	566	0
309944	2/4/2024 10:07	2/4/2024 19:41	574	0.67
1456419	2/4/2024 10:07	2/4/2024 11:41	94	0
1535304	2/4/2024 10:07	2/4/2024 19:39	572	0
308032	2/4/2024 10:07	2/4/2024 19:45	578	0.73
1511264	2/4/2024 10:08	2/4/2024 19:35	567	0.1
309265	2/4/2024 10:08	2/4/2024 19:35	567	0
1266649	2/4/2024 10:09	2/4/2024 19:33	564	0
558031	2/4/2024 10:09	2/5/2024 8:37	1348	0
574993	2/4/2024 10:09	2/4/2024 10:15	6	0
1535397	2/4/2024 10:09	2/4/2024 19:41	572	0
1518000	2/4/2024 10:10	2/4/2024 10:52	42	0

346135	2/4/2024 10:13	2/4/2024 11:00	47	0
353082	2/4/2024 10:14	2/4/2024 11:49	95	0.26
353371	2/4/2024 10:14	2/4/2024 11:50	96	0
160073	2/4/2024 10:15	2/4/2024 19:26	551	0
547577	2/4/2024 10:15	2/4/2024 11:03	48	0.46
574993	2/4/2024 10:15	2/4/2024 10:25	10	0
345957	2/4/2024 10:15	2/4/2024 11:03	48	0.27
353651	2/4/2024 10:15	2/4/2024 11:46	91	0
1683861	2/4/2024 10:16	2/4/2024 14:50	274	0.67
344958	2/4/2024 10:17	2/4/2024 11:03	46	0
1515964	2/4/2024 10:17	2/4/2024 14:34	257	0
346347	2/4/2024 10:17	2/4/2024 10:59	42	0
266573	2/4/2024 10:18	2/4/2024 10:34	16	0
267084	2/4/2024 10:18	2/4/2024 10:34	16	0
197561	2/4/2024 10:18	2/4/2024 14:46	268	0.69
266565	2/4/2024 10:19	2/4/2024 10:35	16	0
267021	2/4/2024 10:19	2/4/2024 10:35	16	0
1680136	2/4/2024 10:19	2/4/2024 10:35	16	0
265473	2/4/2024 10:19	2/4/2024 11:49	90	0
265584	2/4/2024 10:20	2/4/2024 10:36	16	0
7902724	2/4/2024 10:20	2/4/2024 10:36	16	0
265949	2/4/2024 10:20	2/4/2024 10:36	16	0
8950281	2/4/2024 10:20	2/4/2024 14:16	236	0
274125	2/4/2024 10:21	2/4/2024 11:35	74	0
266556	2/4/2024 10:21	2/4/2024 10:37	16	0
266576	2/4/2024 10:21	2/4/2024 10:37	16	0
790670	2/4/2024 10:22	2/4/2024 19:33	551	0
274059	2/4/2024 10:22	2/4/2024 11:35	73	0
51483	2/4/2024 10:23	2/4/2024 14:19	236	0
267715	2/4/2024 10:23	2/4/2024 10:34	11	0
266806	2/4/2024 10:23	2/4/2024 10:33	10	0
793690	2/4/2024 10:24	2/4/2024 19:35	551	0
793285	2/4/2024 10:25	2/4/2024 19:31	546	0
449377	2/4/2024 10:25	2/4/2024 11:39	74	0
316997	2/4/2024 10:25	2/4/2024 11:39	74	0
6714863	2/4/2024 10:25	2/4/2024 19:41	556	0.2
317195	2/4/2024 10:25	2/4/2024 19:37	552	0
574993	2/4/2024 10:25	2/4/2024 10:30	5	0
1466357	2/4/2024 10:26	2/4/2024 19:33	547	0
955448	2/4/2024 10:26	2/4/2024 11:45	79	0
315306	2/4/2024 10:26	2/4/2024 11:39	73	0
8148103	2/4/2024 10:26	2/4/2024 11:39	73	0
1375227	2/4/2024 10:28	2/4/2024 15:31	303	0
1493132	2/4/2024 10:28	2/4/2024 15:30	302	3.73
956968	2/4/2024 10:29	2/4/2024 11:43	74	0
980132	2/4/2024 10:30	2/4/2024 11:33	63	0
1376158	2/4/2024 10:30	2/4/2024 19:39	549	0

574993	2/4/2024 10:30	2/4/2024 10:36	6	0
995564	2/4/2024 10:31	2/4/2024 19:36	545	0
266806	2/4/2024 10:33	2/4/2024 11:05	32	0.02
588892	2/4/2024 10:33	2/4/2024 11:00	27	0
997397	2/4/2024 10:33	2/4/2024 19:28	535	0
267715	2/4/2024 10:34	2/4/2024 11:05	31	0.02
1546695	2/4/2024 10:34	2/4/2024 11:37	63	0
266573	2/4/2024 10:34	2/4/2024 11:05	31	0.03
277301	2/4/2024 10:34	2/4/2024 11:43	69	0
267084	2/4/2024 10:34	2/4/2024 11:05	31	0
1416360	2/4/2024 10:34	2/5/2024 9:00	1345.5	0
1549436	2/4/2024 10:35	2/4/2024 11:38	63	0
267439	2/4/2024 10:35	2/4/2024 11:49	74	0
1415828	2/4/2024 10:35	2/5/2024 9:00	1344.5	0
1412757	2/4/2024 10:35	2/4/2024 19:30	535	0
1549376	2/4/2024 10:35	2/4/2024 11:38	63	0
266565	2/4/2024 10:35	2/4/2024 11:06	31	0
267021	2/4/2024 10:35	2/4/2024 11:06	31	0
1680136	2/4/2024 10:35	2/4/2024 11:07	32	0
1414392	2/4/2024 10:35	2/5/2024 9:00	1344.5	0
265584	2/4/2024 10:36	2/4/2024 11:07	31	0
574993	2/4/2024 10:36	2/4/2024 10:41	5	0
324045	2/4/2024 10:36	2/4/2024 11:39	63	0
323747	2/4/2024 10:36	2/4/2024 11:39	63	0.95
266950	2/4/2024 10:36	2/4/2024 11:50	74	0
323657	2/4/2024 10:36	2/4/2024 11:39	63	0
265949	2/4/2024 10:36	2/4/2024 11:07	31	0.03
1547692	2/4/2024 10:36	2/4/2024 11:39	63	0
7902724	2/4/2024 10:36	2/4/2024 10:46	10	0
266576	2/4/2024 10:37	2/4/2024 11:08	31	0
277818	2/4/2024 10:37	2/4/2024 11:35	58	0
266556	2/4/2024 10:37	2/4/2024 11:03	26	0
324249	2/4/2024 10:38	2/4/2024 11:35	57	0
1515733	2/4/2024 10:39	2/4/2024 11:52	73	0.94
1547843	2/4/2024 10:39	2/4/2024 11:36	57	0.05
1461375	2/4/2024 10:39	2/4/2024 19:35	536	0.06
267367	2/4/2024 10:39	2/4/2024 11:52	73	0
645339	2/4/2024 10:40	2/4/2024 14:25	225	0
1247921	2/4/2024 10:40	2/4/2024 19:36	536	1.43
574993	2/4/2024 10:41	2/4/2024 10:51	10	0
1466415	2/4/2024 10:43	2/4/2024 19:28	525	0
1514677	2/4/2024 10:44	2/4/2024 14:30	226	0
1020565	2/4/2024 10:45	2/4/2024 11:27	42	0
570321	2/4/2024 10:45	2/4/2024 11:48	63	0
8495802	2/4/2024 10:45	2/4/2024 11:47	62	1.27
416557	2/4/2024 10:46	2/4/2024 19:31	525	0
1514004	2/4/2024 10:46	2/4/2024 14:32	226	0

7902724	2/4/2024 10:46	2/4/2024 11:02	16	0
1514000	2/4/2024 10:46	2/4/2024 14:31	225	1.58
1515678	2/4/2024 10:47	2/4/2024 14:32	225	0
457729	2/4/2024 10:48	2/4/2024 14:20	212	0
1556352	2/4/2024 10:48	2/4/2024 11:36	48	0.33
1554218	2/4/2024 10:48	2/4/2024 19:40	532	0
455629	2/4/2024 10:48	2/4/2024 14:23	215	0
1704232	2/4/2024 10:49	2/4/2024 11:05	16	0
219948	2/4/2024 10:49	2/4/2024 11:36	47	0
454901	2/4/2024 10:50	2/4/2024 14:20	210	1.23
1556246	2/4/2024 10:50	2/4/2024 11:32	42	0
1556243	2/4/2024 10:50	2/4/2024 11:38	48	0
266906	2/4/2024 10:50	2/4/2024 14:18	208	0
1604432	2/4/2024 10:50	2/4/2024 11:07	17	0
328408	2/4/2024 10:50	2/4/2024 14:10	200	0.18
267537	2/4/2024 10:50	2/4/2024 11:06	16	0
1557188	2/4/2024 10:51	2/4/2024 19:31	520	0
574993	2/4/2024 10:51	2/4/2024 10:57	6	0
1557676	2/4/2024 10:51	2/4/2024 11:33	42	0.72
327693	2/4/2024 10:51	2/4/2024 14:10	199	0
455345	2/4/2024 10:51	2/4/2024 14:21	210	0
330528	2/4/2024 10:51	2/4/2024 18:48	477	0
1452843	2/4/2024 10:52	2/4/2024 11:23	31	0
449036	2/4/2024 10:52	2/4/2024 12:05	73	0.26
199337	2/4/2024 10:52	2/4/2024 19:36	524	0
457978	2/4/2024 10:52	2/4/2024 14:22	210	0
1518000	2/4/2024 10:52	2/4/2024 14:11	199	0
455994	2/4/2024 10:52	2/4/2024 14:22	210	0.26
199354	2/4/2024 10:52	2/4/2024 19:41	529	0
656343	2/4/2024 10:53	2/4/2024 19:28	515	0.24
21306	2/4/2024 10:53	2/4/2024 19:37	524	0
328817	2/4/2024 10:54	2/4/2024 14:08	194	0
1453263	2/4/2024 10:54	2/4/2024 11:42	48	0
569420	2/4/2024 10:54	2/4/2024 19:25	511	0
454861	2/4/2024 10:55	2/4/2024 14:20	205	0.86
1670039	2/4/2024 10:55	2/4/2024 19:40	525	0
549259	2/4/2024 10:55	2/4/2024 19:42	527	0
1393633	2/4/2024 10:55	2/4/2024 19:35	520	3.53
552210	2/4/2024 10:56	2/4/2024 14:11	195	0
658658	2/4/2024 10:56	2/4/2024 19:35	519	0
571420	2/4/2024 10:56	2/4/2024 19:31	515	0
21820	2/4/2024 10:56	2/4/2024 19:40	524	0
570022	2/4/2024 10:56	2/4/2024 19:36	520	0
553755	2/4/2024 10:56	2/4/2024 14:11	195	0
664453	2/4/2024 10:57	2/4/2024 19:37	520	0
10371746	2/4/2024 10:57	2/4/2024 19:35	518	0.19
574993	2/4/2024 10:57	2/4/2024 11:07	10	0

346347	2/4/2024 10:59	2/4/2024 11:15	16	0
10433250	2/4/2024 10:59	2/4/2024 19:28	509	1.84
1020387	2/4/2024 10:59	2/4/2024 12:08	69	0.41
1378582	2/4/2024 11:00	2/4/2024 15:44	284	0.27
1513959	2/4/2024 11:00	2/4/2024 14:30	210	0
957615	2/4/2024 11:00	2/4/2024 11:42	42	0
588892	2/4/2024 11:00	2/4/2024 19:36	516	0
1513363	2/4/2024 11:00	2/4/2024 11:16	16	0
1513240	2/4/2024 11:00	2/4/2024 14:34	214	0
346135	2/4/2024 11:00	2/4/2024 11:16	16	0
1513911	2/4/2024 11:00	2/4/2024 14:30	210	0
1020274	2/4/2024 11:00	2/4/2024 11:57	57	0.52
563721	2/4/2024 11:00	2/4/2024 11:06	6	0
957216	2/4/2024 11:00	2/4/2024 11:42	42	0
1378273	2/4/2024 11:01	2/4/2024 19:29	508	0
1513398	2/4/2024 11:01	2/4/2024 14:31	210	0
1573666	2/4/2024 11:01	2/4/2024 19:36	515	0
1375642	2/4/2024 11:01	2/4/2024 19:46	525	0
1378128	2/4/2024 11:01	2/4/2024 19:30	509	0
1565203	2/4/2024 11:01	2/4/2024 11:43	42	0
413869	2/4/2024 11:01	2/4/2024 19:40	519	0
197356	2/4/2024 11:02	2/4/2024 14:48	226	0
350753	2/4/2024 11:02	2/4/2024 11:17	15	0
259674	2/4/2024 11:02	2/4/2024 19:31	509	0
7902724	2/4/2024 11:02	2/4/2024 14:48	226	0
345957	2/4/2024 11:03	2/4/2024 11:18	15	0.07
344958	2/4/2024 11:03	2/4/2024 11:14	11	0
11467920	2/4/2024 11:03	2/4/2024 11:18	15	0
547577	2/4/2024 11:03	2/4/2024 11:18	15	0.06
266556	2/4/2024 11:03	2/4/2024 11:51	48	0
196965	2/4/2024 11:04	2/4/2024 14:50	226	0.34
267715	2/4/2024 11:05	2/4/2024 11:53	48	0.06
266806	2/4/2024 11:05	2/4/2024 11:52	47	0.07
267084	2/4/2024 11:05	2/4/2024 11:52	47	0
1704232	2/4/2024 11:05	2/4/2024 19:29	504	0.73
266573	2/4/2024 11:05	2/4/2024 11:53	48	0.1
675499	2/4/2024 11:05	2/4/2024 19:29	504	0
1704779	2/4/2024 11:05	2/4/2024 19:29	504	0
1466638	2/4/2024 11:05	2/4/2024 11:36	31	0
267021	2/4/2024 11:06	2/4/2024 11:49	43	0.06
563721	2/4/2024 11:06	2/4/2024 19:35	509	0
266565	2/4/2024 11:06	2/4/2024 11:48	42	0
500322	2/4/2024 11:06	2/4/2024 11:22	16	0
500145	2/4/2024 11:06	2/4/2024 11:22	16	0
267537	2/4/2024 11:06	2/4/2024 11:48	42	0
127206	2/4/2024 11:06	2/5/2024 9:00	1313.92	0
8068454	2/4/2024 11:07	2/4/2024 19:41	514	0

574993	2/4/2024 11:07	2/4/2024 11:12	5	0
510307	2/4/2024 11:07	2/4/2024 11:54	47	0
1680136	2/4/2024 11:07	2/4/2024 11:49	42	0.04
265584	2/4/2024 11:07	2/4/2024 11:49	42	0.04
1516579	2/4/2024 11:07	2/4/2024 11:12	5	0
1604432	2/4/2024 11:07	2/4/2024 19:42	515	1.55
265949	2/4/2024 11:07	2/4/2024 11:49	42	0.12
511266	2/4/2024 11:07	2/4/2024 11:54	47	0
266576	2/4/2024 11:08	2/4/2024 11:50	42	0
1405153	2/4/2024 11:08	2/4/2024 19:28	500	0
1465882	2/4/2024 11:08	2/4/2024 11:40	32	0
507365	2/4/2024 11:10	2/4/2024 11:57	47	0
564518	2/4/2024 11:10	2/4/2024 11:57	47	0
10714479	2/4/2024 11:11	2/4/2024 11:27	16	0
1516579	2/4/2024 11:12	2/4/2024 14:26	194	0
574993	2/4/2024 11:12	2/4/2024 11:23	11	0
1447297	2/4/2024 11:12	2/4/2024 11:28	16	0
1447211	2/4/2024 11:13	2/4/2024 11:28	15	0
567126	2/4/2024 11:13	2/4/2024 11:55	42	0
1093833	2/4/2024 11:13	2/4/2024 11:54	41	0
381338	2/4/2024 11:14	2/4/2024 19:38	504	0
344958	2/4/2024 11:14	2/4/2024 11:46	32	0
397349	2/4/2024 11:15	2/4/2024 11:31	16	0
346347	2/4/2024 11:15	2/4/2024 11:47	32	0
956125	2/4/2024 11:16	2/4/2024 11:42	26	0.28
346135	2/4/2024 11:16	2/4/2024 11:48	32	0
1513363	2/4/2024 11:16	2/4/2024 14:31	195	0
193420	2/4/2024 11:17	2/5/2024 9:00	1302.92	0
980398	2/4/2024 11:17	2/4/2024 11:33	16	0
350753	2/4/2024 11:17	2/4/2024 11:49	32	0
345957	2/4/2024 11:18	2/4/2024 11:45	27	0.09
195666	2/4/2024 11:18	2/5/2024 9:00	1301.92	0
547577	2/4/2024 11:18	2/4/2024 11:45	27	0.08
11467920	2/4/2024 11:18	2/4/2024 13:15	117	0.48
1672784	2/4/2024 11:18	2/5/2024 9:00	1301.78	0.31
1431804	2/4/2024 11:20	2/4/2024 19:34	494	0
1437071	2/4/2024 11:20	2/4/2024 19:33	493	1.04
8434548	2/4/2024 11:21	2/4/2024 19:37	496	1.74
12378019	2/4/2024 11:22	2/4/2024 19:35	493	0
645144	2/4/2024 11:22	2/4/2024 14:24	182	0.74
500145	2/4/2024 11:22	2/4/2024 11:54	32	0
7932279	2/4/2024 11:22	2/4/2024 13:54	152	0
500322	2/4/2024 11:22	2/4/2024 11:54	32	0
1452843	2/4/2024 11:23	2/4/2024 11:38	15	0
574993	2/4/2024 11:23	2/4/2024 11:28	5	0
1445317	2/4/2024 11:24	2/4/2024 15:54	270	0
1444947	2/4/2024 11:25	2/4/2024 19:39	494	0

1444636	2/4/2024 11:26	2/4/2024 19:40	494	0.42
1444809	2/4/2024 11:26	2/4/2024 15:54	268	0.56
10714479	2/4/2024 11:27	2/4/2024 19:46	499	0
1020565	2/4/2024 11:27	2/4/2024 11:58	31	0
574993	2/4/2024 11:28	2/4/2024 11:39	11	0
1447297	2/4/2024 11:28	2/4/2024 19:36	488	0
1447211	2/4/2024 11:28	2/4/2024 19:37	489	0
1019446	2/4/2024 11:29	2/4/2024 12:00	31	0
397349	2/4/2024 11:31	2/4/2024 11:47	16	0
198082	2/4/2024 11:32	2/4/2024 14:35	183	0
1556246	2/4/2024 11:32	2/4/2024 14:52	200	0
1556434	2/4/2024 11:32	2/4/2024 14:52	200	0.27
980398	2/4/2024 11:33	2/4/2024 13:02	89	0
1557676	2/4/2024 11:33	2/4/2024 14:47	194	1.43
1556486	2/4/2024 11:33	2/4/2024 14:47	194	0
980132	2/4/2024 11:33	2/4/2024 11:44	11	0
281056	2/4/2024 11:33	2/4/2024 13:08	95	0.14
281235	2/4/2024 11:34	2/4/2024 13:04	90	0
276488	2/4/2024 11:34	2/4/2024 13:08	94	0.45
277818	2/4/2024 11:35	2/4/2024 13:04	89	0
324249	2/4/2024 11:35	2/4/2024 12:07	32	0
4173986	2/4/2024 11:35	2/4/2024 13:04	89	0
274125	2/4/2024 11:35	2/4/2024 13:04	89	0
279833	2/4/2024 11:35	2/4/2024 13:04	89	0
274522	2/4/2024 11:35	2/4/2024 13:04	89	0.98
274059	2/4/2024 11:35	2/4/2024 13:06	91	0
280173	2/4/2024 11:36	2/4/2024 14:27	171	0
1556352	2/4/2024 11:36	2/4/2024 14:50	194	0.68
1466638	2/4/2024 11:36	2/4/2024 12:12	36	0
574596	2/4/2024 11:36	2/4/2024 11:51	15	0
1547843	2/4/2024 11:36	2/4/2024 14:51	195	0.39
219948	2/4/2024 11:36	2/4/2024 19:29	473	0
275018	2/4/2024 11:36	2/4/2024 13:16	100	0
1556565	2/4/2024 11:37	2/4/2024 14:51	194	0
10013697	2/4/2024 11:37	2/4/2024 14:35	178	0
1641091	2/4/2024 11:37	2/4/2024 14:07	150	0
325050	2/4/2024 11:37	2/4/2024 12:08	31	0
1551513	2/4/2024 11:37	2/4/2024 14:35	178	0
1546695	2/4/2024 11:37	2/4/2024 14:36	179	0
1550815	2/4/2024 11:37	2/4/2024 14:36	179	0
314899	2/4/2024 11:38	2/4/2024 14:42	184	0
1556243	2/4/2024 11:38	2/4/2024 14:52	194	0
1549436	2/4/2024 11:38	2/4/2024 14:52	194	0
1451744	2/4/2024 11:38	2/4/2024 13:55	137	0
523489	2/4/2024 11:38	2/4/2024 14:39	181	0
1549376	2/4/2024 11:38	2/4/2024 14:52	194	0
324290	2/4/2024 11:38	2/4/2024 12:10	32	0

1452843	2/4/2024 11:38	2/4/2024 13:55	137	0
1452193	2/4/2024 11:38	2/4/2024 13:54	136	0
275495	2/4/2024 11:38	2/4/2024 13:11	93	0
315306	2/4/2024 11:39	2/4/2024 19:42	483	0.52
315346	2/4/2024 11:39	2/4/2024 14:43	184	0
1547692	2/4/2024 11:39	2/4/2024 14:53	194	0
324045	2/4/2024 11:39	2/4/2024 12:05	26	0
449377	2/4/2024 11:39	2/4/2024 12:42	63	0
8104722	2/4/2024 11:39	2/4/2024 14:38	179	0
10510361	2/4/2024 11:39	2/4/2024 14:42	183	0
316997	2/4/2024 11:39	2/4/2024 19:42	483	0
8148103	2/4/2024 11:39	2/4/2024 19:42	483	0
323747	2/4/2024 11:39	2/4/2024 12:10	31	0
1551510	2/4/2024 11:39	2/4/2024 14:37	178	0
318402	2/4/2024 11:39	2/4/2024 14:37	178	0
574993	2/4/2024 11:39	2/4/2024 11:44	5	0
323657	2/4/2024 11:39	2/4/2024 12:11	32	0
315345	2/4/2024 11:40	2/4/2024 14:43	183	0
1465882	2/4/2024 11:40	2/4/2024 11:50	10	0
281332	2/4/2024 11:41	2/4/2024 13:05	84	0
1456419	2/4/2024 11:41	2/4/2024 13:52	131	0
1521914	2/4/2024 11:41	2/4/2024 19:43	482	0
1523524	2/4/2024 11:41	2/4/2024 14:08	147	0
956125	2/4/2024 11:42	2/4/2024 11:58	16	0.04
1453263	2/4/2024 11:42	2/4/2024 13:53	131	0
317084	2/4/2024 11:42	2/4/2024 14:40	178	0
957615	2/4/2024 11:42	2/4/2024 11:57	15	0
957216	2/4/2024 11:42	2/4/2024 11:57	15	0
317233	2/4/2024 11:42	2/4/2024 14:41	179	0.23
10393495	2/4/2024 11:42	2/4/2024 13:07	85	0
1555268	2/4/2024 11:42	2/4/2024 14:35	173	0
956968	2/4/2024 11:43	2/4/2024 11:58	15	0
314945	2/4/2024 11:43	2/4/2024 14:41	178	0.95
1565203	2/4/2024 11:43	2/4/2024 12:31	48	0
1406535	2/4/2024 11:43	2/4/2024 12:30	47	0
174362	2/4/2024 11:43	2/5/2024 9:00	1276.92	0
317797	2/4/2024 11:43	2/4/2024 14:42	179	0
277301	2/4/2024 11:43	2/4/2024 13:06	83	0
1405290	2/4/2024 11:43	2/4/2024 12:31	48	0.16
574993	2/4/2024 11:44	2/4/2024 11:54	10	0
980132	2/4/2024 11:44	2/4/2024 11:59	15	0
169731	2/4/2024 11:44	2/5/2024 9:00	1275.92	0
345957	2/4/2024 11:45	2/4/2024 19:42	477	0.31
955448	2/4/2024 11:45	2/4/2024 11:56	11	0
547577	2/4/2024 11:45	2/4/2024 19:37	472	0.42
353651	2/4/2024 11:46	2/4/2024 15:16	210	0
344958	2/4/2024 11:46	2/4/2024 13:15	89	0

346347	2/4/2024 11:47	2/4/2024 13:16	89	0
397349	2/4/2024 11:47	2/4/2024 19:39	472	0
8495802	2/4/2024 11:47	2/4/2024 14:30	163	0.8
267537	2/4/2024 11:48	2/4/2024 14:36	168	0
346135	2/4/2024 11:48	2/4/2024 19:40	472	0
417990	2/4/2024 11:48	2/4/2024 14:30	162	1.56
726904	2/4/2024 11:48	2/4/2024 11:54	6	0
500173	2/4/2024 11:48	2/4/2024 14:20	152	0.13
266565	2/4/2024 11:48	2/4/2024 19:41	473	0
570321	2/4/2024 11:48	2/4/2024 19:41	473	0
484135	2/4/2024 11:48	2/5/2024 9:00	1271.78	0
265949	2/4/2024 11:49	2/4/2024 19:31	462	0.38
267439	2/4/2024 11:49	2/4/2024 19:41	472	0
353082	2/4/2024 11:49	2/4/2024 15:19	210	0
265473	2/4/2024 11:49	2/4/2024 19:36	467	0
265584	2/4/2024 11:49	2/4/2024 19:36	467	0.25
267021	2/4/2024 11:49	2/4/2024 19:36	467	0.22
1680136	2/4/2024 11:49	2/4/2024 11:59	10	0.04
350753	2/4/2024 11:49	2/4/2024 19:47	478	0
13912	2/4/2024 11:49	2/4/2024 19:33	464	0
1465882	2/4/2024 11:50	2/4/2024 12:06	16	0
353371	2/4/2024 11:50	2/4/2024 15:18	208	0
266576	2/4/2024 11:50	2/4/2024 19:45	475	0
266950	2/4/2024 11:50	2/4/2024 19:40	470	0
498070	2/4/2024 11:51	2/4/2024 14:24	153	0
266556	2/4/2024 11:51	2/4/2024 19:38	467	0.54
574596	2/4/2024 11:51	2/4/2024 12:07	16	0
1377844	2/4/2024 11:52	2/4/2024 19:39	467	0
266806	2/4/2024 11:52	2/4/2024 19:39	467	0.11
267367	2/4/2024 11:52	2/4/2024 19:39	467	0
482587	2/4/2024 11:52	2/5/2024 9:00	1267.78	0
267084	2/4/2024 11:52	2/4/2024 19:39	467	0
1515733	2/4/2024 11:52	2/4/2024 14:24	152	0
509102	2/4/2024 11:52	2/4/2024 14:25	153	0
511223	2/4/2024 11:53	2/4/2024 14:25	152	0
266573	2/4/2024 11:53	2/4/2024 19:45	472	0.46
553863	2/4/2024 11:53	2/4/2024 14:59	186	0
267715	2/4/2024 11:53	2/4/2024 19:34	461	0.11
1516786	2/4/2024 11:54	2/4/2024 15:50	236	0
266010	2/4/2024 11:54	2/4/2024 20:01	487	0
574993	2/4/2024 11:54	2/4/2024 12:00	6	0
1093833	2/4/2024 11:54	2/4/2024 14:42	168	0
500322	2/4/2024 11:54	2/4/2024 14:21	147	0
511266	2/4/2024 11:54	2/4/2024 14:26	152	0
510307	2/4/2024 11:54	2/4/2024 14:26	152	0
510522	2/4/2024 11:54	2/4/2024 14:25	151	0
500145	2/4/2024 11:54	2/4/2024 14:26	152	0

726904	2/4/2024 11:54	2/5/2024 9:00	1265.83	0
567126	2/4/2024 11:55	2/4/2024 14:43	168	0
1378141	2/4/2024 11:55	2/4/2024 19:32	457	0.31
510974	2/4/2024 11:55	2/4/2024 14:22	147	0
955448	2/4/2024 11:56	2/4/2024 12:11	15	0
1020274	2/4/2024 11:57	2/4/2024 12:29	32	0.14
507365	2/4/2024 11:57	2/4/2024 14:25	148	0
957615	2/4/2024 11:57	2/4/2024 12:13	16	0
456099	2/4/2024 11:57	2/4/2024 14:20	143	0
957216	2/4/2024 11:57	2/4/2024 12:13	16	0
564518	2/4/2024 11:57	2/4/2024 14:40	163	0
956968	2/4/2024 11:58	2/4/2024 12:14	16	0
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956125	2/4/2024 11:58	2/4/2024 12:13	15	0
980132	2/4/2024 11:59	2/4/2024 12:30	31	0
1680136	2/4/2024 11:59	2/5/2024 9:00	1260.92	0
1019446	2/4/2024 12:00	2/4/2024 12:31	31	0
574993	2/4/2024 12:00	2/4/2024 12:10	10	0
353728	2/4/2024 12:00	2/4/2024 13:19	79	0
1503739	2/4/2024 12:01	2/4/2024 19:26	445	0.23
328911	2/4/2024 12:03	2/4/2024 19:34	451	0
456048	2/4/2024 12:04	2/4/2024 12:20	16	0
456084	2/4/2024 12:04	2/4/2024 12:14	10	0
328113	2/4/2024 12:04	2/4/2024 15:03	179	0
980870	2/4/2024 12:04	2/4/2024 19:44	460	0
324045	2/4/2024 12:05	2/4/2024 12:52	47	0
449036	2/4/2024 12:05	2/4/2024 14:48	163	0.29
224277	2/4/2024 12:06	2/4/2024 19:33	447	0
1465882	2/4/2024 12:06	2/5/2024 9:00	1253.32	0
574596	2/4/2024 12:07	2/4/2024 14:07	120	0
65245	2/4/2024 12:07	2/5/2024 9:00	1252.92	0
324249	2/4/2024 12:07	2/4/2024 12:54	47	0
325050	2/4/2024 12:08	2/4/2024 12:55	47	0
1020387	2/4/2024 12:08	2/4/2024 12:29	21	0
323747	2/4/2024 12:10	2/4/2024 12:52	42	0.12
574993	2/4/2024 12:10	2/4/2024 12:15	5	0
324290	2/4/2024 12:10	2/4/2024 12:52	42	0
323657	2/4/2024 12:11	2/4/2024 12:53	42	0
955448	2/4/2024 12:11	2/5/2024 9:00	1248.53	0
1466638	2/4/2024 12:12	2/4/2024 14:39	147	0
957216	2/4/2024 12:13	2/4/2024 14:45	152	0
957615	2/4/2024 12:13	2/4/2024 12:44	31	0
956125	2/4/2024 12:13	2/4/2024 14:46	153	0.07
456084	2/4/2024 12:14	2/4/2024 19:30	436	0
956968	2/4/2024 12:14	2/5/2024 9:00	1245.53	0
574993	2/4/2024 12:15	2/4/2024 12:21	6	0
456048	2/4/2024 12:20	2/4/2024 19:36	436	0

574993	2/4/2024 12:21	2/4/2024 12:26	5	0
574993	2/4/2024 12:26	2/4/2024 13:39	73	0
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1020387	2/4/2024 12:29	2/4/2024 13:59	90	0
980132	2/4/2024 12:30	2/4/2024 13:19	49	0
982457	2/4/2024 12:30	2/4/2024 19:19	409	0
1406535	2/4/2024 12:30	2/5/2024 9:00	1229.5	0
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1019446	2/4/2024 12:31	2/4/2024 13:45	74	0
1405290	2/4/2024 12:31	2/5/2024 9:00	1228.5	0
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105666	2/4/2024 12:37	2/4/2024 12:52	15	0
204700	2/4/2024 12:37	2/4/2024 19:37	420	0
449377	2/4/2024 12:42	2/4/2024 13:19	37	0
957615	2/4/2024 12:44	2/4/2024 14:42	118	0
1567316	2/4/2024 12:45	2/4/2024 14:14	89	0
70866	2/4/2024 12:49	2/5/2024 9:00	1210.92	0
324290	2/4/2024 12:52	2/4/2024 14:53	121	0
730082	2/4/2024 12:52	2/5/2024 9:00	1207.9	0
105666	2/4/2024 12:52	2/4/2024 15:35	163	0
323747	2/4/2024 12:52	2/5/2024 9:00	1207.92	0
324045	2/4/2024 12:52	2/4/2024 14:22	90	0
323657	2/4/2024 12:53	2/5/2024 9:00	1206.92	0
324249	2/4/2024 12:54	2/5/2024 9:00	1205.92	0
325050	2/4/2024 12:55	2/4/2024 14:18	83	0
980398	2/4/2024 13:02	2/4/2024 15:45	163	0
4173986	2/4/2024 13:04	2/4/2024 15:21	137	0
279833	2/4/2024 13:04	2/4/2024 15:37	153	0
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274522	2/4/2024 13:04	2/4/2024 15:37	153	0
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276488	2/4/2024 13:08	2/4/2024 15:25	137	0
916360	2/4/2024 13:08	2/4/2024 19:32	384	0
1320619	2/4/2024 13:08	2/4/2024 14:47	99	0
281056	2/4/2024 13:08	2/4/2024 13:50	42	0
1321750	2/4/2024 13:09	2/5/2024 9:00	1190.5	0
601397	2/4/2024 13:09	2/5/2024 9:00	1190.78	0
275495	2/4/2024 13:11	2/4/2024 15:53	162	0

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756553	2/4/2024 13:18	2/5/2024 9:00	1181.78	0
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980132	2/4/2024 13:19	2/4/2024 14:31	72	0
326028	2/4/2024 13:24	2/4/2024 14:06	42	0
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574993	2/4/2024 13:45	2/4/2024 13:55	10	0
1019446	2/4/2024 13:45	2/4/2024 14:16	31	0
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14239	2/4/2024 13:47	2/5/2024 9:00	1152.92	0
10393495	2/4/2024 13:49	2/4/2024 15:07	78	0.01
281056	2/4/2024 13:50	2/4/2024 14:24	34	0
275018	2/4/2024 13:50	2/4/2024 15:10	80	0
450055	2/4/2024 13:50	2/4/2024 14:06	16	0.03
11435788	2/4/2024 13:50	2/5/2024 9:00	1149.92	0
1456419	2/4/2024 13:52	2/4/2024 14:08	16	0
1453263	2/4/2024 13:53	2/4/2024 14:09	16	0
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574993	2/4/2024 14:00	2/4/2024 14:06	6	0
14605	2/4/2024 14:04	2/4/2024 19:39	335	0
1333801	2/4/2024 14:05	2/4/2024 14:21	16	0
326028	2/4/2024 14:06	2/4/2024 20:45	399	0
574993	2/4/2024 14:06	2/4/2024 14:11	5	0
327311	2/4/2024 14:06	2/4/2024 19:37	331	0
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574596	2/4/2024 14:07	2/4/2024 14:22	15	0
281235	2/4/2024 14:07	2/4/2024 14:22	15	0
1641091	2/4/2024 14:07	2/4/2024 14:23	16	0
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793737	2/4/2024 14:09	2/5/2024 9:00	1130.83	0
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1092960	2/4/2024 14:11	2/4/2024 14:27	16	0
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587455	2/4/2024 14:13	2/4/2024 14:29	16	0
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1430553	2/4/2024 14:19	2/4/2024 14:35	16	0
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1430294	2/4/2024 14:20	2/4/2024 14:30	10	0
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926657	2/4/2024 14:21	2/4/2024 14:37	16	0
450055	2/4/2024 14:21	2/4/2024 14:48	27	0.03
1672454	2/4/2024 14:21	2/4/2024 19:36	315	0
1538195	2/4/2024 14:21	2/4/2024 19:36	315	0
455345	2/4/2024 14:21	2/4/2024 15:34	73	0
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563241	2/4/2024 14:23	2/4/2024 19:28	305	0
852125	2/4/2024 14:23	2/4/2024 19:38	315	0
325050	2/4/2024 14:23	2/4/2024 14:39	16	0
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1641091	2/4/2024 14:23	2/4/2024 14:39	16	0
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507365	2/4/2024 14:25	2/4/2024 14:39	14	0
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574993	2/4/2024 14:27	2/4/2024 14:37	10	0
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587455	2/4/2024 14:29	2/4/2024 14:45	16	0
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1430294	2/4/2024 14:30	2/4/2024 14:46	16	0
417990	2/4/2024 14:30	2/4/2024 19:40	310	0
11467920	2/4/2024 14:30	2/4/2024 14:45	15	0
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51483	2/4/2024 14:35	2/4/2024 14:46	11	0
198082	2/4/2024 14:35	2/4/2024 19:40	305	0
1538102	2/4/2024 14:35	2/4/2024 19:40	305	0
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1430553	2/4/2024 14:35	2/4/2024 14:45	10	0
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1555268	2/4/2024 14:35	2/4/2024 19:40	305	0
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926657	2/4/2024 14:37	2/4/2024 14:47	10	0
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324045	2/4/2024 14:37	2/4/2024 19:47	310	0.14
1321114	2/4/2024 14:37	2/4/2024 19:31	294	0
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318402	2/4/2024 14:37	2/4/2024 19:36	299	0
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8104722	2/4/2024 14:38	2/4/2024 19:37	299	0
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574993	2/4/2024 14:42	2/4/2024 14:53	11	0
1092960	2/4/2024 14:42	2/4/2024 19:31	289	0
317797	2/4/2024 14:42	2/4/2024 20:27	345	0
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1020274	2/4/2024 14:45	2/4/2024 19:24	279	0

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956125	2/4/2024 14:46	2/4/2024 19:34	288	0
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926657	2/4/2024 14:47	2/4/2024 19:30	283	0
445867	2/4/2024 14:47	2/4/2024 19:36	289	0
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980132	2/4/2024 14:47	2/4/2024 20:12	325	0
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1514000	2/4/2024 14:47	2/4/2024 19:31	284	0
1513398	2/4/2024 14:47	2/4/2024 19:30	283	0
1514004	2/4/2024 14:47	2/4/2024 19:36	289	0
1556486	2/4/2024 14:47	2/4/2024 19:36	289	0
1019446	2/4/2024 14:47	2/4/2024 16:30	103	0
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197629	2/4/2024 14:48	2/4/2024 16:02	74	0
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1515678	2/4/2024 14:48	2/4/2024 19:42	294	0
197356	2/4/2024 14:48	2/4/2024 19:42	294	0
7902724	2/4/2024 14:48	2/4/2024 15:04	16	0
561672	2/4/2024 14:48	2/4/2024 19:42	294	0
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8950281	2/4/2024 14:48	2/4/2024 19:42	294	0
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1515964	2/4/2024 14:50	2/4/2024 19:38	288	0
1683861	2/4/2024 14:50	2/4/2024 19:39	289	0
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1549376	2/4/2024 14:52	2/4/2024 19:36	284	0
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1549436	2/4/2024 14:52	2/4/2024 19:41	289	0
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324290	2/4/2024 14:53	2/4/2024 19:36	283	0
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1516579	2/4/2024 14:57	2/4/2024 15:08	11	0
1461583	2/4/2024 14:57	2/4/2024 19:35	278	0
574993	2/4/2024 14:58	2/4/2024 15:09	11	0
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6583289	2/4/2024 15:07	2/4/2024 19:39	272	0
1685329	2/4/2024 15:08	2/4/2024 19:35	267	0
1516579	2/4/2024 15:08	2/4/2024 15:13	5	0
328408	2/4/2024 15:08	2/4/2024 19:35	267	0
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574993	2/4/2024 15:09	2/4/2024 15:14	5	0
274125	2/4/2024 15:09	2/4/2024 19:42	273	0
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1494722	2/4/2024 15:12	2/4/2024 19:40	268	0
1516579	2/4/2024 15:13	2/4/2024 15:24	11	0
1393699	2/4/2024 15:13	2/4/2024 19:35	262	0
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274059	2/4/2024 15:15	2/4/2024 19:37	262	0
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353371	2/4/2024 15:18	2/4/2024 19:43	265	0
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1516579	2/4/2024 15:24	2/4/2024 15:29	5	0
658642	2/4/2024 15:25	2/4/2024 19:32	247	0
276488	2/4/2024 15:25	2/4/2024 19:40	255	0
353728	2/4/2024 15:25	2/4/2024 19:47	262	0
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455345	2/4/2024 15:34	2/4/2024 16:21	47	0
7902724	2/4/2024 15:35	2/4/2024 15:51	16	0
574993	2/4/2024 15:35	2/4/2024 15:40	5	0
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277818	2/4/2024 15:37	2/4/2024 19:32	235	0
277301	2/4/2024 15:39	2/4/2024 19:40	241	0
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1378582	2/4/2024 15:44	2/4/2024 19:29	225	0
980398	2/4/2024 15:45	2/4/2024 19:31	226	0
1493132	2/4/2024 15:46	2/4/2024 16:01	15	0
1375227	2/4/2024 15:47	2/4/2024 15:58	11	0
1516786	2/4/2024 15:50	2/4/2024 19:41	231	0
7902724	2/4/2024 15:51	2/4/2024 16:07	16	0
574993	2/4/2024 15:51	2/4/2024 15:56	5	0
275495	2/4/2024 15:53	2/4/2024 19:39	226	0
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1445317	2/4/2024 15:54	2/4/2024 16:09	15	0
574993	2/4/2024 15:56	2/4/2024 16:22	26	0
8910809	2/4/2024 15:58	2/4/2024 19:33	215	0
1375227	2/4/2024 15:58	2/4/2024 16:13	15	0

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1493132	2/4/2024 16:01	2/4/2024 16:17	16	0
197629	2/4/2024 16:02	2/4/2024 19:42	220	0
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197883	2/4/2024 16:06	2/4/2024 19:36	210	0
1552154	2/4/2024 16:06	2/4/2024 19:41	215	0
7902724	2/4/2024 16:07	2/4/2024 16:17	10	0
1445317	2/4/2024 16:09	2/4/2024 16:24	15	0
1444809	2/4/2024 16:10	2/4/2024 16:26	16	0
1375227	2/4/2024 16:13	2/4/2024 16:29	16	0
1493132	2/4/2024 16:17	2/4/2024 16:28	11	0
7902724	2/4/2024 16:17	2/4/2024 16:33	16	0
455629	2/4/2024 16:18	2/4/2024 19:32	194	0
457729	2/4/2024 16:19	2/4/2024 19:39	200	0
454901	2/4/2024 16:20	2/4/2024 19:34	194	0
454861	2/4/2024 16:20	2/4/2024 19:35	195	0
1368745	2/4/2024 16:20	2/4/2024 19:34	194	0
456099	2/4/2024 16:21	2/4/2024 19:35	194	0
455345	2/4/2024 16:21	2/4/2024 19:42	201	0
457978	2/4/2024 16:22	2/4/2024 19:42	200	0
574993	2/4/2024 16:22	2/4/2024 16:27	5	0
1445317	2/4/2024 16:24	2/4/2024 19:34	190	0
1444809	2/4/2024 16:26	2/4/2024 19:35	189	0
574993	2/4/2024 16:27	2/4/2024 16:38	11	0
1493132	2/4/2024 16:28	2/4/2024 19:42	194	0
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1019446	2/4/2024 16:30	2/4/2024 19:22	172	0
7902724	2/4/2024 16:33	2/4/2024 19:42	189	0
449377	2/4/2024 16:33	2/4/2024 16:54	21	0
574993	2/4/2024 16:38	2/4/2024 16:43	5	0
1349766	2/4/2024 16:40	2/4/2024 19:33	173	0
1466638	2/4/2024 16:40	2/4/2024 19:33	173	0
1348976	2/4/2024 16:41	2/4/2024 19:40	179	0
1349083	2/4/2024 16:42	2/4/2024 19:40	178	0
1351069	2/4/2024 16:43	2/4/2024 19:36	173	0
574993	2/4/2024 16:43	2/4/2024 17:10	27	0
449377	2/4/2024 16:54	2/4/2024 17:41	47	0
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574993	2/4/2024 17:10	2/4/2024 17:15	5	0
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574993	2/4/2024 17:15	2/5/2024 9:00	944.78	0
1377393	2/4/2024 17:23	2/4/2024 19:40	137	0
1377303	2/4/2024 17:23	2/4/2024 19:39	136	0
449377	2/4/2024 17:41	2/4/2024 18:07	26	0
1546138	2/4/2024 17:49	2/4/2024 19:39	110	0
449377	2/4/2024 18:07	2/4/2024 18:23	16	0

449377	2/4/2024 18:23	2/4/2024 19:47	84	0
330528	2/4/2024 18:48	2/5/2024 9:00	851.92	0
1654064	2/4/2024 19:19	2/5/2024 8:12	773	0
982457	2/4/2024 19:19	2/5/2024 9:00	820.53	0
385332	2/4/2024 19:21	2/5/2024 9:00	818.78	0
1019446	2/4/2024 19:22	2/5/2024 9:00	817.53	0
1020274	2/4/2024 19:24	2/5/2024 9:00	815.53	0
1434359	2/4/2024 19:25	2/5/2024 9:00	814.32	0
1020565	2/4/2024 19:25	2/5/2024 9:00	814.53	0
569420	2/4/2024 19:25	2/5/2024 9:00	814.78	0
1272457	2/4/2024 19:25	2/5/2024 8:02	757	0
1321605	2/4/2024 19:26	2/5/2024 9:00	813.5	0
160073	2/4/2024 19:26	2/5/2024 9:00	813.53	0
1332906	2/4/2024 19:26	2/5/2024 9:00	813.5	0
1503739	2/4/2024 19:26	2/5/2024 9:00	813.53	0
1583853	2/4/2024 19:26	2/5/2024 9:00	813.32	0
800590	2/4/2024 19:26	2/5/2024 9:00	813.83	0
1405153	2/4/2024 19:28	2/5/2024 9:00	811.5	0
1466415	2/4/2024 19:28	2/5/2024 9:00	811.32	0
997397	2/4/2024 19:28	2/5/2024 9:00	811.53	0
656343	2/4/2024 19:28	2/5/2024 9:00	811.83	0
10433250	2/4/2024 19:28	2/5/2024 9:00	811.5	0
563241	2/4/2024 19:28	2/5/2024 9:00	811.78	0
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219948	2/4/2024 19:29	2/5/2024 9:00	810.92	0
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1378273	2/4/2024 19:29	2/5/2024 9:00	810.5	0
1434316	2/4/2024 19:29	2/5/2024 9:00	810.32	0
675499	2/4/2024 19:29	2/5/2024 9:00	810.83	0
1378582	2/4/2024 19:29	2/5/2024 9:00	810.5	0
1556565	2/4/2024 19:29	2/5/2024 9:00	810.32	0
1452193	2/4/2024 19:30	2/5/2024 9:00	809.32	0
1320008	2/4/2024 19:30	2/5/2024 9:00	809.5	0
456084	2/4/2024 19:30	2/5/2024 9:00	809.78	0
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914462	2/4/2024 19:30	2/5/2024 9:00	809.83	0
500145	2/4/2024 19:30	2/5/2024 9:00	809.78	0
500173	2/4/2024 19:30	2/5/2024 9:00	809.78	0
926657	2/4/2024 19:30	2/5/2024 9:00	809.83	0
510307	2/4/2024 19:30	2/5/2024 9:00	809.78	0
1378128	2/4/2024 19:30	2/5/2024 9:00	809.5	0
1412757	2/4/2024 19:30	2/5/2024 9:00	809.5	0
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800588	2/4/2024 19:30	2/5/2024 9:00	809.83	0
315169	2/4/2024 19:30	2/5/2024 8:36	786	0

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7932279	2/4/2024 19:30	2/5/2024 9:00	809.32	0
860281	2/4/2024 19:31	2/5/2024 9:00	808.83	0
105666	2/4/2024 19:31	2/5/2024 9:00	808.92	0
416557	2/4/2024 19:31	2/5/2024 9:00	808.78	0
259674	2/4/2024 19:31	2/5/2024 9:00	808.92	0
854579	2/4/2024 19:31	2/5/2024 9:00	808.83	0
347230	2/4/2024 19:31	2/5/2024 8:16	765	0
980398	2/4/2024 19:31	2/5/2024 9:00	808.53	0
265949	2/4/2024 19:31	2/5/2024 9:00	808.92	0
793285	2/4/2024 19:31	2/5/2024 9:00	808.83	0
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1093833	2/4/2024 19:31	2/5/2024 9:00	808.78	0
571420	2/4/2024 19:31	2/5/2024 9:00	808.78	0
1321114	2/4/2024 19:31	2/5/2024 9:00	808.5	0
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1320619	2/4/2024 19:31	2/5/2024 9:00	808.5	0
1333801	2/4/2024 19:31	2/5/2024 9:00	808.5	0
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455629	2/4/2024 19:32	2/5/2024 9:00	807.78	0
916360	2/4/2024 19:32	2/5/2024 9:00	807.83	0
510974	2/4/2024 19:32	2/5/2024 9:00	807.78	0
277818	2/4/2024 19:32	2/5/2024 9:00	807.92	0
658642	2/4/2024 19:32	2/5/2024 9:00	807.83	0
196965	2/4/2024 19:32	2/5/2024 9:00	807.92	0
7879030	2/4/2024 19:32	2/5/2024 9:00	807.78	0
1524033	2/4/2024 19:33	2/5/2024 9:00	806.32	0
13912	2/4/2024 19:33	2/5/2024 9:00	806.92	0
1309098	2/4/2024 19:33	2/5/2024 9:00	806.5	0
224277	2/4/2024 19:33	2/5/2024 9:00	806.92	0
328817	2/4/2024 19:33	2/5/2024 9:00	806.92	0
1266649	2/4/2024 19:33	2/5/2024 9:00	806.5	0
211683	2/4/2024 19:33	2/5/2024 9:00	806.92	0
274522	2/4/2024 19:33	2/5/2024 9:00	806.92	0
1624452	2/4/2024 19:33	2/5/2024 9:00	806.32	0
11176351	2/4/2024 19:33	2/5/2024 9:00	806.32	0
1350104	2/4/2024 19:33	2/5/2024 9:00	806.5	0
1463680	2/4/2024 19:33	2/5/2024 8:12	759	0
325050	2/4/2024 19:33	2/5/2024 9:00	806.92	0
1437071	2/4/2024 19:33	2/5/2024 9:00	806.32	0
280173	2/4/2024 19:33	2/5/2024 9:00	806.92	0
8910809	2/4/2024 19:33	2/5/2024 9:00	806.78	0
1463520	2/4/2024 19:33	2/5/2024 8:12	759	0
790670	2/4/2024 19:33	2/5/2024 9:00	806.83	0

498070	2/4/2024 19:33	2/5/2024 9:00	806.78	0
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1511251	2/4/2024 19:33	2/5/2024 9:00	806.32	0
1349766	2/4/2024 19:33	2/5/2024 9:00	806.5	0
1466638	2/4/2024 19:33	2/5/2024 8:05	752	0
454901	2/4/2024 19:34	2/5/2024 9:00	805.78	0
328911	2/4/2024 19:34	2/5/2024 9:00	805.92	0
1446401	2/4/2024 19:34	2/5/2024 9:00	805.32	0
956125	2/4/2024 19:34	2/5/2024 9:00	805.53	0
51483	2/4/2024 19:34	2/5/2024 9:00	805.92	0
800600	2/4/2024 19:34	2/5/2024 9:00	805.83	0
1445317	2/4/2024 19:34	2/5/2024 8:10	756	0
1431804	2/4/2024 19:34	2/5/2024 9:00	805.32	0
267715	2/4/2024 19:34	2/5/2024 9:00	805.92	0
197690	2/4/2024 19:34	2/5/2024 9:00	805.92	0
1368745	2/4/2024 19:34	2/5/2024 9:00	805.5	0
330485	2/4/2024 19:34	2/5/2024 9:00	805.92	0
587455	2/4/2024 19:34	2/5/2024 9:00	805.78	0
10303796	2/4/2024 19:34	2/5/2024 9:00	805.92	0
1453263	2/4/2024 19:34	2/5/2024 9:00	805.32	0
957216	2/4/2024 19:34	2/5/2024 9:00	805.53	0
564518	2/4/2024 19:34	2/5/2024 9:00	805.78	0
279833	2/4/2024 19:34	2/5/2024 9:00	805.92	0
196408	2/4/2024 19:34	2/5/2024 9:00	805.92	0
645339	2/4/2024 19:35	2/5/2024 9:00	804.78	0
1546695	2/4/2024 19:35	2/5/2024 9:00	804.32	0
1538299	2/4/2024 19:35	2/5/2024 9:00	804.32	0
1444809	2/4/2024 19:35	2/5/2024 7:53	738	0
328408	2/4/2024 19:35	2/5/2024 9:00	804.92	0
12378019	2/4/2024 19:35	2/5/2024 9:00	804.92	0
1393633	2/4/2024 19:35	2/5/2024 9:00	804.5	0
197561	2/4/2024 19:35	2/5/2024 9:00	804.92	0
353651	2/4/2024 19:35	2/5/2024 9:00	804.92	0
801004	2/4/2024 19:35	2/5/2024 9:00	804.83	0
658658	2/4/2024 19:35	2/5/2024 9:00	804.83	0
793690	2/4/2024 19:35	2/5/2024 9:00	804.83	0
1556246	2/4/2024 19:35	2/5/2024 9:00	804.32	0
563721	2/4/2024 19:35	2/5/2024 9:00	804.78	0
454861	2/4/2024 19:35	2/5/2024 9:00	804.78	0
10371746	2/4/2024 19:35	2/5/2024 9:00	804.78	0
68308	2/4/2024 19:35	2/5/2024 9:00	804.92	0
511223	2/4/2024 19:35	2/5/2024 9:00	804.78	0
1614051	2/4/2024 19:35	2/5/2024 9:00	804.32	0
1550815	2/4/2024 19:35	2/5/2024 9:00	804.32	0
309265	2/4/2024 19:35	2/5/2024 9:00	804.92	0
1685329	2/4/2024 19:35	2/5/2024 9:00	804.5	0
1461583	2/4/2024 19:35	2/5/2024 9:00	804.32	0

1461375	2/4/2024 19:35	2/5/2024 9:00	804.32	0
1547686	2/4/2024 19:35	2/5/2024 9:00	804.32	0
510522	2/4/2024 19:35	2/5/2024 9:00	804.78	0
1393699	2/4/2024 19:35	2/5/2024 9:00	804.5	0
1417279	2/4/2024 19:35	2/5/2024 9:00	804.5	0
1417138	2/4/2024 19:35	2/5/2024 9:00	804.5	0
1430294	2/4/2024 19:35	2/5/2024 9:00	804.32	0
1513240	2/4/2024 19:35	2/5/2024 9:00	804.32	0
317233	2/4/2024 19:35	2/5/2024 9:00	804.92	0
1511264	2/4/2024 19:35	2/5/2024 9:00	804.32	0
456099	2/4/2024 19:35	2/5/2024 9:00	804.78	0
353082	2/4/2024 19:36	2/5/2024 9:00	803.92	0
318402	2/4/2024 19:36	2/5/2024 9:00	803.92	0
328113	2/4/2024 19:36	2/5/2024 9:00	803.92	0
1190246	2/4/2024 19:36	2/5/2024 9:00	803.5	0
1467272	2/4/2024 19:36	2/5/2024 8:10	754	0
197883	2/4/2024 19:36	2/5/2024 9:00	803.92	0
327693	2/4/2024 19:36	2/5/2024 9:00	803.92	0
555654	2/4/2024 19:36	2/5/2024 9:00	803.78	0
451783	2/4/2024 19:36	2/5/2024 9:00	803.78	0
1549376	2/4/2024 19:36	2/5/2024 9:00	803.32	0
1307575	2/4/2024 19:36	2/5/2024 9:00	803.5	0
1556486	2/4/2024 19:36	2/5/2024 9:00	803.32	0
265473	2/4/2024 19:36	2/5/2024 9:00	803.92	0
552210	2/4/2024 19:36	2/5/2024 9:00	803.78	0
265584	2/4/2024 19:36	2/5/2024 9:00	803.92	0
1320646	2/4/2024 19:36	2/5/2024 9:00	803.5	0
1538195	2/4/2024 19:36	2/5/2024 9:00	803.32	0
314188	2/4/2024 19:36	2/5/2024 8:31	775	0
1672454	2/4/2024 19:36	2/5/2024 9:00	803.78	0
314899	2/4/2024 19:36	2/5/2024 9:00	803.92	0
1451744	2/4/2024 19:36	2/5/2024 9:00	803.32	0
957615	2/4/2024 19:36	2/5/2024 9:00	803.53	0
553755	2/4/2024 19:36	2/5/2024 9:00	803.78	0
1557676	2/4/2024 19:36	2/5/2024 9:00	803.32	0
6995795	2/4/2024 19:36	2/5/2024 9:00	803.78	0
1514004	2/4/2024 19:36	2/5/2024 9:00	803.32	0
450055	2/4/2024 19:36	2/5/2024 9:00	803.78	0
199337	2/4/2024 19:36	2/5/2024 9:00	803.92	0
10510361	2/4/2024 19:36	2/5/2024 9:00	803.92	0
445867	2/4/2024 19:36	2/5/2024 9:00	803.78	0
1432940	2/4/2024 19:36	2/5/2024 7:52	736	0
1351069	2/4/2024 19:36	2/5/2024 9:00	803.5	0
511266	2/4/2024 19:36	2/5/2024 9:00	803.78	0
1551510	2/4/2024 19:36	2/5/2024 9:00	803.32	0
1573666	2/4/2024 19:36	2/5/2024 9:00	803.32	0
456048	2/4/2024 19:36	2/5/2024 9:00	803.78	0

275018	2/4/2024 19:36	2/5/2024 9:00	803.92	0
324290	2/4/2024 19:36	2/5/2024 9:00	803.92	0
1247921	2/4/2024 19:36	2/5/2024 9:00	803.83	0
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588892	2/4/2024 19:36	2/5/2024 9:00	803.78	0
8387677	2/4/2024 19:36	2/5/2024 9:00	803.92	0
204963	2/4/2024 19:36	2/5/2024 9:00	803.92	0
267021	2/4/2024 19:36	2/5/2024 9:00	803.92	0
1546321	2/4/2024 19:36	2/5/2024 9:00	803.32	0
281332	2/4/2024 19:36	2/5/2024 9:00	803.92	0
852071	2/4/2024 19:36	2/5/2024 9:00	803.83	0
1447297	2/4/2024 19:36	2/5/2024 9:00	803.32	0
570022	2/4/2024 19:36	2/5/2024 9:00	803.78	0
995564	2/4/2024 19:36	2/5/2024 9:00	803.53	0
315345	2/4/2024 19:37	2/5/2024 9:00	802.92	0
8434548	2/4/2024 19:37	2/5/2024 9:00	802.92	0
21306	2/4/2024 19:37	2/5/2024 9:00	802.92	0
1523524	2/4/2024 19:37	2/5/2024 9:00	802.32	0
8104722	2/4/2024 19:37	2/5/2024 9:00	802.92	0
1518000	2/4/2024 19:37	2/5/2024 9:00	802.32	0
2923717	2/4/2024 19:37	2/5/2024 9:00	802.78	0
204700	2/4/2024 19:37	2/5/2024 9:00	802.92	0
47769	2/4/2024 19:37	2/5/2024 9:00	802.92	0
315346	2/4/2024 19:37	2/5/2024 9:00	802.92	0
547577	2/4/2024 19:37	2/5/2024 9:00	802.92	0
567126	2/4/2024 19:37	2/5/2024 9:00	802.78	0
317195	2/4/2024 19:37	2/5/2024 9:00	802.92	0
1430838	2/4/2024 19:37	2/5/2024 9:00	802.32	0
1447211	2/4/2024 19:37	2/5/2024 9:00	802.32	0
274059	2/4/2024 19:37	2/5/2024 9:00	802.92	0
1466445	2/4/2024 19:37	2/5/2024 8:11	754	0
281235	2/4/2024 19:37	2/5/2024 9:00	802.92	0
664453	2/4/2024 19:37	2/5/2024 9:00	802.83	0
327311	2/4/2024 19:37	2/5/2024 9:00	802.92	0
449036	2/4/2024 19:37	2/5/2024 9:00	802.78	0
574596	2/4/2024 19:37	2/5/2024 9:00	802.78	0
13876	2/4/2024 19:38	2/5/2024 9:00	801.92	0
49209	2/4/2024 19:38	2/5/2024 9:00	801.92	0
381338	2/4/2024 19:38	2/5/2024 9:00	801.78	0
1375227	2/4/2024 19:38	2/5/2024 9:00	801.5	0
1456419	2/4/2024 19:38	2/5/2024 9:00	801.32	0
266556	2/4/2024 19:38	2/5/2024 9:00	801.92	0
1515964	2/4/2024 19:38	2/5/2024 9:00	801.32	0
8524544	2/4/2024 19:38	2/5/2024 9:00	801.92	0
4173986	2/4/2024 19:38	2/5/2024 9:00	801.92	0
523489	2/4/2024 19:38	2/5/2024 9:00	801.92	0
553863	2/4/2024 19:38	2/5/2024 9:00	801.78	0

332967	2/4/2024 19:38	2/5/2024 9:00	801.92	0
852125	2/4/2024 19:38	2/5/2024 9:00	801.83	0
267367	2/4/2024 19:39	2/5/2024 9:00	800.92	0
266806	2/4/2024 19:39	2/5/2024 9:00	800.92	0
1535304	2/4/2024 19:39	2/5/2024 9:00	800.32	0
457729	2/4/2024 19:39	2/5/2024 9:00	800.78	0
1547843	2/4/2024 19:39	2/5/2024 9:00	800.32	0
507365	2/4/2024 19:39	2/5/2024 9:00	800.78	0
397349	2/4/2024 19:39	2/5/2024 9:00	800.78	0
266906	2/4/2024 19:39	2/5/2024 9:00	800.92	0
1515733	2/4/2024 19:39	2/5/2024 9:00	800.32	0
10393495	2/4/2024 19:39	2/5/2024 9:00	800.92	0
8590289	2/4/2024 19:39	2/5/2024 9:00	800.78	0
1683861	2/4/2024 19:39	2/5/2024 9:00	800.92	0
7178975	2/4/2024 19:39	2/5/2024 8:32	773	0
1377844	2/4/2024 19:39	2/5/2024 9:00	800.5	0
1310926	2/4/2024 19:39	2/5/2024 9:00	800.5	0
509102	2/4/2024 19:39	2/5/2024 9:00	800.78	0
1376158	2/4/2024 19:39	2/5/2024 9:00	800.5	0
317084	2/4/2024 19:39	2/5/2024 9:00	800.92	0
1377303	2/4/2024 19:39	2/5/2024 9:00	800.5	0
509233	2/4/2024 19:39	2/5/2024 9:00	800.78	0
315730	2/4/2024 19:39	2/5/2024 8:35	776	0
1444947	2/4/2024 19:39	2/5/2024 9:00	800.32	0
267084	2/4/2024 19:39	2/5/2024 9:00	800.92	0
1430553	2/4/2024 19:39	2/5/2024 9:00	800.32	0
1546138	2/4/2024 19:39	2/5/2024 9:00	800.32	0
645144	2/4/2024 19:39	2/5/2024 9:00	800.78	0
275495	2/4/2024 19:39	2/5/2024 9:00	800.92	0
508593	2/4/2024 19:39	2/5/2024 9:00	800.78	0
14605	2/4/2024 19:39	2/5/2024 9:00	800.92	0
317126	2/4/2024 19:39	2/5/2024 9:00	800.92	0
329546	2/4/2024 19:39	2/5/2024 9:00	800.92	0
1567316	2/4/2024 19:39	2/5/2024 9:00	800.32	0
1539621	2/4/2024 19:39	2/5/2024 9:00	800.32	0
562856	2/4/2024 19:39	2/5/2024 9:00	800.78	0
15611	2/4/2024 19:39	2/5/2024 9:00	800.92	0
6583289	2/4/2024 19:39	2/5/2024 9:00	800.92	0
1538194	2/4/2024 19:40	2/5/2024 9:00	799.32	0
859747	2/4/2024 19:40	2/5/2024 9:00	799.83	0
346135	2/4/2024 19:40	2/5/2024 9:00	799.92	0
21820	2/4/2024 19:40	2/5/2024 9:00	799.92	0
267537	2/4/2024 19:40	2/5/2024 9:00	799.92	0
413869	2/4/2024 19:40	2/5/2024 9:00	799.9	0
1444636	2/4/2024 19:40	2/5/2024 9:00	799.32	0
1430644	2/4/2024 19:40	2/5/2024 9:00	799.32	0
1377393	2/4/2024 19:40	2/5/2024 9:00	799.5	0

561758	2/4/2024 19:40	2/5/2024 9:00	799.78	0
1538102	2/4/2024 19:40	2/5/2024 9:00	799.32	0
916118	2/4/2024 19:40	2/5/2024 9:00	799.83	0
198082	2/4/2024 19:40	2/5/2024 9:00	799.92	0
266950	2/4/2024 19:40	2/5/2024 9:00	799.92	0
277301	2/4/2024 19:40	2/5/2024 9:00	799.92	0
1348976	2/4/2024 19:40	2/5/2024 9:00	799.5	0
356505	2/4/2024 19:40	2/5/2024 9:00	799.78	0
446329	2/4/2024 19:40	2/5/2024 9:00	799.78	0
1554218	2/4/2024 19:40	2/5/2024 9:00	799.32	0
1494722	2/4/2024 19:40	2/5/2024 9:00	799.5	0
1349083	2/4/2024 19:40	2/5/2024 9:00	799.5	0
10013697	2/4/2024 19:40	2/5/2024 9:00	799.32	0
1556434	2/4/2024 19:40	2/5/2024 9:00	799.32	0
8495802	2/4/2024 19:40	2/5/2024 9:00	799.32	0
1670039	2/4/2024 19:40	2/5/2024 9:00	799.78	0
1556243	2/4/2024 19:40	2/5/2024 9:00	799.32	0
1446785	2/4/2024 19:40	2/5/2024 9:00	799.32	0
276488	2/4/2024 19:40	2/5/2024 9:00	799.92	0
1513911	2/4/2024 19:40	2/5/2024 9:00	799.32	0
10659831	2/4/2024 19:40	2/5/2024 9:00	799.32	0
1513959	2/4/2024 19:40	2/5/2024 9:00	799.32	0
314945	2/4/2024 19:40	2/5/2024 9:00	799.92	0
1555268	2/4/2024 19:40	2/5/2024 9:00	799.32	0
417990	2/4/2024 19:40	2/5/2024 9:00	799.78	0
1514677	2/4/2024 19:40	2/5/2024 9:00	799.32	0
1351588	2/4/2024 19:40	2/5/2024 9:00	799.5	0
6714863	2/4/2024 19:41	2/5/2024 9:00	798.83	0
570321	2/4/2024 19:41	2/5/2024 9:00	798.78	0
500322	2/4/2024 19:41	2/5/2024 9:00	798.78	0
1549436	2/4/2024 19:41	2/5/2024 9:00	798.32	0
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498597	2/4/2024 19:41	2/5/2024 9:00	798.78	0
199354	2/4/2024 19:41	2/5/2024 9:00	798.92	0
266565	2/4/2024 19:41	2/5/2024 9:00	798.92	0
1535397	2/4/2024 19:41	2/5/2024 9:00	798.32	0
309944	2/4/2024 19:41	2/5/2024 9:00	798.92	0
8068454	2/4/2024 19:41	2/5/2024 9:00	798.78	0
281056	2/4/2024 19:41	2/5/2024 9:00	798.92	0
1641091	2/4/2024 19:41	2/5/2024 9:00	798.32	0
1516786	2/4/2024 19:41	2/5/2024 9:00	798.32	0
399291	2/4/2024 19:41	2/5/2024 9:00	798.78	0
1552154	2/4/2024 19:41	2/5/2024 9:00	798.32	0
1433348	2/4/2024 19:41	2/5/2024 7:56	735	0
1565203	2/4/2024 19:41	2/5/2024 9:00	798.32	0
274125	2/4/2024 19:42	2/5/2024 9:00	797.92	0
8148103	2/4/2024 19:42	2/5/2024 9:00	797.92	0

457978	2/4/2024 19:42	2/5/2024 9:00	797.78	0
561672	2/4/2024 19:42	2/5/2024 9:00	797.78	0
313269	2/4/2024 19:42	2/5/2024 9:00	797.92	0
455994	2/4/2024 19:42	2/5/2024 9:00	797.78	0
642003	2/4/2024 19:42	2/5/2024 9:00	797.78	0
11081884	2/4/2024 19:42	2/5/2024 9:00	797.92	0
345957	2/4/2024 19:42	2/5/2024 9:00	797.92	0
197629	2/4/2024 19:42	2/5/2024 9:00	797.92	0
1547692	2/4/2024 19:42	2/5/2024 9:00	797.32	0
7902724	2/4/2024 19:42	2/5/2024 9:00	797.92	0
1515678	2/4/2024 19:42	2/5/2024 9:00	797.32	0
8950281	2/4/2024 19:42	2/5/2024 9:00	797.92	0
344958	2/4/2024 19:42	2/5/2024 9:00	797.92	0
316997	2/4/2024 19:42	2/5/2024 9:00	797.92	0
455345	2/4/2024 19:42	2/5/2024 9:00	797.78	0
1493132	2/4/2024 19:42	2/5/2024 9:00	797.5	0
1604432	2/4/2024 19:42	2/5/2024 9:00	797.32	0
1465282	2/4/2024 19:42	2/5/2024 8:09	747	0
315306	2/4/2024 19:42	2/5/2024 9:00	797.92	0
549259	2/4/2024 19:42	2/5/2024 9:00	797.78	0
1394365	2/4/2024 19:42	2/5/2024 9:00	797.5	0
1394324	2/4/2024 19:42	2/5/2024 9:00	797.5	0
197356	2/4/2024 19:42	2/5/2024 9:00	797.92	0
353371	2/4/2024 19:43	2/5/2024 9:00	796.92	0
1521914	2/4/2024 19:43	2/5/2024 9:00	796.32	0
9063373	2/4/2024 19:43	2/5/2024 9:00	796.5	0
1081237	2/4/2024 19:44	2/5/2024 9:00	795.9	0
980870	2/4/2024 19:44	2/5/2024 9:00	795.53	0
51957	2/4/2024 19:44	2/5/2024 9:00	795.92	0
346347	2/4/2024 19:44	2/5/2024 9:00	795.92	0
308802	2/4/2024 19:45	2/5/2024 9:00	794.92	0
266576	2/4/2024 19:45	2/5/2024 9:00	794.92	0
1551513	2/4/2024 19:45	2/5/2024 9:00	794.32	0
266573	2/4/2024 19:45	2/5/2024 9:00	794.92	0
1517291	2/4/2024 19:45	2/5/2024 9:00	794.32	0
308032	2/4/2024 19:45	2/5/2024 9:00	794.92	0
519373	2/4/2024 19:45	2/5/2024 9:00	794.92	0
10714479	2/4/2024 19:46	2/5/2024 9:00	793.32	0
1375642	2/4/2024 19:46	2/5/2024 9:00	793.5	0
449377	2/4/2024 19:47	2/4/2024 19:52	5	0
350753	2/4/2024 19:47	2/5/2024 9:00	792.92	0
353728	2/4/2024 19:47	2/5/2024 9:00	792.92	0
324045	2/4/2024 19:47	2/5/2024 9:00	792.92	0
449377	2/4/2024 19:52	2/4/2024 20:03	11	0
1317908	2/4/2024 19:57	2/5/2024 9:00	782.5	0
266010	2/4/2024 20:01	2/5/2024 9:00	778.92	0
449377	2/4/2024 20:03	2/4/2024 20:24	21	0

265864	2/4/2024 20:04	2/5/2024 9:00	775.92	0
980132	2/4/2024 20:12	2/5/2024 9:00	767.53	0
195839	2/4/2024 20:13	2/5/2024 9:00	766.92	0
449377	2/4/2024 20:24	2/4/2024 21:11	47	0
317797	2/4/2024 20:27	2/5/2024 9:00	752.92	0
380736	2/4/2024 20:31	2/5/2024 9:00	748.78	0
380057	2/4/2024 20:32	2/5/2024 9:00	747.78	0
381982	2/4/2024 20:40	2/5/2024 9:00	739.78	0
326028	2/4/2024 20:45	2/5/2024 6:05	560	0
449377	2/4/2024 21:11	2/4/2024 21:22	11	0
449377	2/4/2024 21:22	2/4/2024 22:40	78	0
449377	2/4/2024 22:40	2/4/2024 23:11	31	0
11467920	2/4/2024 23:10	2/5/2024 9:00	589.32	0
449377	2/4/2024 23:11	2/4/2024 23:38	27	0
449377	2/4/2024 23:38	2/4/2024 23:54	16	0
449377	2/4/2024 23:54	2/5/2024 1:13	79	0
449377	2/5/2024 1:13	2/5/2024 2:42	89	0
449377	2/5/2024 2:42	2/5/2024 3:08	26	0
449377	2/5/2024 3:08	2/5/2024 3:42	34	0
449377	2/5/2024 3:42	2/5/2024 5:12	90	0
449377	2/5/2024 5:12	2/5/2024 6:00	48	0
449377	2/5/2024 6:00	2/5/2024 7:03	63	0
326028	2/5/2024 6:05	2/5/2024 9:00	174.92	0
449377	2/5/2024 7:03	2/5/2024 7:29	26	0
449377	2/5/2024 7:29	2/5/2024 8:53	84	0
1432940	2/5/2024 7:52	2/5/2024 9:00	67.32	0
1444809	2/5/2024 7:53	2/5/2024 9:00	66.32	0
1433348	2/5/2024 7:56	2/5/2024 9:00	63.32	0
1272457	2/5/2024 8:02	2/5/2024 9:00	57.5	0
1466638	2/5/2024 8:05	2/5/2024 9:00	54.32	0
1465282	2/5/2024 8:09	2/5/2024 9:00	50.32	0
1445317	2/5/2024 8:10	2/5/2024 9:00	49.32	0
1467272	2/5/2024 8:10	2/5/2024 9:00	49.32	0
1466445	2/5/2024 8:11	2/5/2024 9:00	48.32	0
1463520	2/5/2024 8:12	2/5/2024 9:00	47.32	0
1654064	2/5/2024 8:12	2/5/2024 9:00	47.53	0
1463680	2/5/2024 8:12	2/5/2024 9:00	47.32	0
347230	2/5/2024 8:16	2/5/2024 8:58	42	0
314188	2/5/2024 8:31	2/5/2024 9:00	28.92	0
7178975	2/5/2024 8:32	2/5/2024 9:00	27.92	0
315730	2/5/2024 8:35	2/5/2024 9:00	24.92	0
315169	2/5/2024 8:36	2/5/2024 9:00	23.92	0
561757	2/5/2024 8:37	2/5/2024 8:52	15	0
558031	2/5/2024 8:37	2/5/2024 8:52	15	0
8511623	2/5/2024 8:40	2/5/2024 9:00	19.92	0
593798	2/5/2024 8:46	2/5/2024 9:00	13.78	0
593366	2/5/2024 8:48	2/5/2024 9:00	11.78	0

1394024	2/5/2024 8:50	2/5/2024 9:00	9.5	0
1395135	2/5/2024 8:51	2/5/2024 9:00	8.5	0
1394011	2/5/2024 8:51	2/5/2024 9:00	8.5	0
558031	2/5/2024 8:52	2/5/2024 9:00	7.78	0
561757	2/5/2024 8:52	2/5/2024 9:00	7.78	0
449377	2/5/2024 8:53	2/5/2024 9:00	6.78	0
1394028	2/5/2024 8:53	2/5/2024 9:00	6.5	0
347230	2/5/2024 8:58	2/5/2024 9:00	1.92	0
1704044	2/5/2024 9:00	2/6/2024 9:00	1439.5	0
325050	2/5/2024 9:00	2/5/2024 15:07	367	0
51957	2/5/2024 9:00	2/5/2024 14:22	322	0
8668965	2/5/2024 9:00	2/5/2024 10:51	111	0
445867	2/5/2024 9:00	2/5/2024 11:34	154	0
1680798	2/5/2024 9:00	2/6/2024 9:00	1439.92	0
1516579	2/5/2024 9:00	2/5/2024 10:53	113	0
1552447	2/5/2024 9:00	2/6/2024 9:00	1439.32	0
447406	2/5/2024 9:00	2/6/2024 9:00	1439.78	0
275018	2/5/2024 9:00	2/5/2024 10:09	69	0
995564	2/5/2024 9:00	2/6/2024 9:00	1439.53	0
280780	2/5/2024 9:00	2/6/2024 9:00	1439.92	0
1348731	2/5/2024 9:00	2/6/2024 9:00	1439.5	0
1672454	2/5/2024 9:00	2/5/2024 14:23	323	0
319279	2/5/2024 9:00	2/6/2024 9:00	1439.92	0
6761269	2/5/2024 9:00	2/5/2024 10:15	75	0
1513541	2/5/2024 9:00	2/6/2024 9:00	1439.32	0
1702895	2/5/2024 9:00	2/6/2024 9:00	1439.5	0
7194273	2/5/2024 9:00	2/5/2024 15:03	363	0
353728	2/5/2024 9:00	2/5/2024 10:33	93	0
10222019	2/5/2024 9:00	2/6/2024 9:00	1439.5	0
574993	2/5/2024 9:00	2/5/2024 11:21	141	0
1552990	2/5/2024 9:00	2/6/2024 9:00	1439.32	0
8766703	2/5/2024 9:00	2/6/2024 9:00	1439.53	0
1516786	2/5/2024 9:00	2/5/2024 10:10	70	0
509233	2/5/2024 9:00	2/5/2024 19:39	639	0
326028	2/5/2024 9:00	2/5/2024 13:36	276	0
675499	2/5/2024 9:00	2/5/2024 12:16	196	0
1349032	2/5/2024 9:00	2/6/2024 9:00	1439.5	0
1081237	2/5/2024 9:00	2/5/2024 19:45	645	0
380057	2/5/2024 9:01	2/5/2024 19:45	644	0
1377303	2/5/2024 9:06	2/6/2024 9:00	1433.5	0
1453263	2/5/2024 9:06	2/5/2024 10:56	110	0
1288420	2/5/2024 9:07	2/5/2024 11:29	142	0
314945	2/5/2024 9:07	2/5/2024 19:37	630	1.18
1466638	2/5/2024 9:08	2/5/2024 11:24	136	0
1422300	2/5/2024 9:08	2/6/2024 9:00	1431.5	0
8950281	2/5/2024 9:08	2/5/2024 14:18	310	0
562202	2/5/2024 9:08	2/5/2024 11:42	154	0

1333801	2/5/2024 9:08	2/5/2024 11:51	163	0
1466445	2/5/2024 9:09	2/5/2024 19:39	630	0
317195	2/5/2024 9:09	2/5/2024 19:34	625	0.07
554089	2/5/2024 9:09	2/6/2024 9:00	1430.78	0
1445317	2/5/2024 9:10	2/5/2024 19:35	625	0
1465282	2/5/2024 9:12	2/5/2024 19:42	630	0.26
1444809	2/5/2024 9:12	2/5/2024 19:31	619	0.61
51483	2/5/2024 9:15	2/5/2024 14:16	301	0
1272457	2/5/2024 9:16	2/5/2024 19:30	614	0
971524	2/5/2024 9:19	2/5/2024 10:07	48	0
624953	2/5/2024 9:20	2/5/2024 10:07	47	0
627018	2/5/2024 9:20	2/5/2024 10:04	44	0
627289	2/5/2024 9:21	2/5/2024 10:05	44	0
624628	2/5/2024 9:21	2/5/2024 10:08	47	0
658837	2/5/2024 9:22	2/5/2024 15:09	347	0.05
1321605	2/5/2024 9:28	2/5/2024 11:56	148	0
1432940	2/5/2024 9:28	2/5/2024 19:37	609	0
1433348	2/5/2024 9:30	2/5/2024 19:39	609	0
10393495	2/5/2024 9:35	2/5/2024 19:43	608	0.19
646026	2/5/2024 9:37	2/5/2024 14:05	268	0
317084	2/5/2024 9:37	2/5/2024 19:43	606	0
523489	2/5/2024 9:38	2/5/2024 19:38	600	0.9
315346	2/5/2024 9:39	2/5/2024 19:39	600	0
1467272	2/5/2024 9:39	2/5/2024 19:38	599	0
317797	2/5/2024 9:39	2/5/2024 19:35	596	0
1190246	2/5/2024 9:39	2/5/2024 19:37	598	0
318402	2/5/2024 9:40	2/5/2024 19:38	598	0.06
8104722	2/5/2024 9:40	2/5/2024 19:38	598	0
317233	2/5/2024 9:41	2/5/2024 19:34	593	0.45
1463680	2/5/2024 9:41	2/5/2024 19:29	588	0
314899	2/5/2024 9:41	2/5/2024 19:34	593	0.19
1463520	2/5/2024 9:41	2/5/2024 19:34	593	0
315345	2/5/2024 9:42	2/5/2024 19:40	598	0
1430838	2/5/2024 9:45	2/5/2024 10:16	31	0
1430644	2/5/2024 9:48	2/5/2024 14:16	268	0.26
281235	2/5/2024 9:49	2/5/2024 19:41	592	0
1430553	2/5/2024 9:49	2/5/2024 10:15	26	0
1551513	2/5/2024 9:50	2/5/2024 19:48	598	0
726904	2/5/2024 9:50	2/6/2024 9:00	1389.83	0
626477	2/5/2024 9:51	2/5/2024 10:06	15	0
510974	2/5/2024 9:51	2/5/2024 11:52	121	0
574596	2/5/2024 9:52	2/5/2024 11:52	120	0
1604432	2/5/2024 9:52	2/5/2024 18:42	530	0
10013697	2/5/2024 9:52	2/5/2024 19:38	586	0
619266	2/5/2024 9:53	2/5/2024 10:04	11	0
506261	2/5/2024 9:53	2/5/2024 11:53	120	0
624716	2/5/2024 9:54	2/5/2024 10:04	10	0

801004	2/5/2024 9:54	2/5/2024 19:37	583	0
800576	2/5/2024 9:54	2/5/2024 19:27	573	0
793690	2/5/2024 9:54	2/5/2024 10:10	16	0
800588	2/5/2024 9:54	2/5/2024 19:32	578	0
1551510	2/5/2024 9:55	2/5/2024 19:37	582	0
1320008	2/5/2024 9:55	2/5/2024 11:56	121	0
800600	2/5/2024 9:55	2/5/2024 19:33	578	0
1552154	2/5/2024 9:55	2/5/2024 19:42	587	0
664453	2/5/2024 9:55	2/5/2024 19:39	584	0
1685329	2/5/2024 9:56	2/5/2024 19:38	582	0
800590	2/5/2024 9:56	2/5/2024 19:28	572	0
1020565	2/5/2024 10:00	2/5/2024 11:45	105	0
279833	2/5/2024 10:03	2/5/2024 19:41	578	0
47769	2/5/2024 10:03	2/5/2024 19:35	572	0
1412757	2/5/2024 10:04	2/5/2024 19:36	572	0
11081884	2/5/2024 10:04	2/5/2024 10:19	15	0
624716	2/5/2024 10:04	2/5/2024 19:42	578	0
195666	2/5/2024 10:04	2/5/2024 10:20	16	0
315730	2/5/2024 10:04	2/5/2024 19:41	577	0.55
265864	2/5/2024 10:04	2/5/2024 19:37	573	0
619266	2/5/2024 10:04	2/5/2024 10:35	31	0
274522	2/5/2024 10:04	2/5/2024 19:36	572	1.51
627018	2/5/2024 10:04	2/5/2024 19:31	567	0
266010	2/5/2024 10:04	2/5/2024 19:38	574	0
627289	2/5/2024 10:05	2/5/2024 19:42	577	0
49209	2/5/2024 10:05	2/5/2024 19:46	581	0
315169	2/5/2024 10:05	2/5/2024 19:37	572	0
1417138	2/5/2024 10:05	2/5/2024 19:41	576	0
1417279	2/5/2024 10:05	2/5/2024 11:19	74	0
626477	2/5/2024 10:06	2/5/2024 19:34	568	0
314188	2/5/2024 10:06	2/5/2024 19:38	572	0
558031	2/5/2024 10:06	2/5/2024 11:35	89	0
275495	2/5/2024 10:06	2/5/2024 19:42	576	0
561757	2/5/2024 10:06	2/5/2024 11:35	89	0
4173986	2/5/2024 10:07	2/5/2024 19:39	572	0
7178975	2/5/2024 10:07	2/5/2024 19:44	577	0.26
197629	2/5/2024 10:07	2/5/2024 11:36	89	0
971524	2/5/2024 10:07	2/5/2024 19:34	567	0
624953	2/5/2024 10:07	2/5/2024 19:34	567	0
197883	2/5/2024 10:07	2/5/2024 11:37	90	0
315088	2/5/2024 10:08	2/5/2024 19:32	564	0.12
316997	2/5/2024 10:08	2/5/2024 19:46	578	0.09
609850	2/5/2024 10:08	2/6/2024 9:00	1371.78	0
10510361	2/5/2024 10:08	2/5/2024 19:40	572	0.1
624628	2/5/2024 10:08	2/5/2024 19:35	567	0
196408	2/5/2024 10:09	2/5/2024 11:38	89	0
275018	2/5/2024 10:09	2/5/2024 19:41	572	0

1265778	2/5/2024 10:09	2/5/2024 19:31	562	0
1073095	2/5/2024 10:10	2/6/2024 9:00	1369.78	0
1516786	2/5/2024 10:10	2/5/2024 19:40	570	0.12
610737	2/5/2024 10:10	2/6/2024 9:00	1369.78	0
195839	2/5/2024 10:10	2/5/2024 11:39	89	0
793690	2/5/2024 10:10	2/5/2024 19:37	567	0
8486022	2/5/2024 10:10	2/5/2024 19:37	567	0
342796	2/5/2024 10:11	2/5/2024 14:28	257	0.37
8148103	2/5/2024 10:11	2/5/2024 19:44	573	0.18
315306	2/5/2024 10:11	2/5/2024 19:44	573	0.31
346967	2/5/2024 10:11	2/5/2024 14:29	258	0.69
8387677	2/5/2024 10:12	2/5/2024 14:39	267	0
1446401	2/5/2024 10:13	2/5/2024 19:32	559	0.04
346288	2/5/2024 10:14	2/5/2024 14:26	252	0.16
345647	2/5/2024 10:14	2/5/2024 14:26	252	0
1430294	2/5/2024 10:15	2/5/2024 14:16	241	0.08
6761269	2/5/2024 10:15	2/5/2024 14:27	252	0
1430553	2/5/2024 10:15	2/5/2024 14:17	242	0.82
561672	2/5/2024 10:16	2/5/2024 19:43	567	0
449036	2/5/2024 10:16	2/5/2024 19:33	557	0.62
1430838	2/5/2024 10:16	2/5/2024 14:17	241	0
1463218	2/5/2024 10:18	2/5/2024 14:04	226	0
193420	2/5/2024 10:19	2/6/2024 9:00	1360.92	0
11081884	2/5/2024 10:19	2/5/2024 14:21	242	0
274125	2/5/2024 10:20	2/5/2024 19:41	561	0
1555268	2/5/2024 10:20	2/5/2024 19:41	561	0
1664433	2/5/2024 10:20	2/5/2024 13:08	168	0
195666	2/5/2024 10:20	2/5/2024 19:36	556	0
859747	2/5/2024 10:20	2/5/2024 12:21	121	0
197561	2/5/2024 10:21	2/5/2024 11:35	74	0
449377	2/5/2024 10:21	2/5/2024 11:03	42	0
274059	2/5/2024 10:21	2/5/2024 19:42	561	0.05
860281	2/5/2024 10:21	2/5/2024 12:21	120	0
500173	2/5/2024 10:21	2/5/2024 19:32	551	0.02
195187	2/5/2024 10:21	2/6/2024 9:00	1358.92	0
1511264	2/5/2024 10:22	2/5/2024 19:39	557	0.16
790670	2/5/2024 10:22	2/5/2024 19:34	552	0
1464949	2/5/2024 10:22	2/5/2024 14:07	225	0
793285	2/5/2024 10:22	2/5/2024 19:34	552	0
6714863	2/5/2024 10:22	2/5/2024 19:43	561	0.21
926657	2/5/2024 10:22	2/5/2024 10:33	11	0
1309098	2/5/2024 10:23	2/5/2024 19:29	546	2.33
193791	2/5/2024 10:23	2/6/2024 9:00	1356.92	0
198082	2/5/2024 10:23	2/5/2024 10:54	31	0
1461375	2/5/2024 10:24	2/5/2024 20:20	596	0.36
1683861	2/5/2024 10:24	2/5/2024 19:39	555	0.31
196653	2/5/2024 10:24	2/5/2024 19:46	562	0.02

1511251	2/5/2024 10:24	2/5/2024 19:41	557	0
1310926	2/5/2024 10:25	2/5/2024 19:42	557	0
1466415	2/5/2024 10:25	2/5/2024 19:26	541	0
276488	2/5/2024 10:25	2/5/2024 19:47	562	0.27
1393699	2/5/2024 10:26	2/5/2024 11:45	79	0.13
954332	2/5/2024 10:26	2/5/2024 14:27	241	0
1466357	2/5/2024 10:26	2/5/2024 19:37	551	0
353651	2/5/2024 10:27	2/5/2024 10:43	16	0
498070	2/5/2024 10:27	2/5/2024 19:33	546	0
353371	2/5/2024 10:27	2/5/2024 10:43	16	0
1019446	2/5/2024 10:28	2/5/2024 11:15	47	0
1494722	2/5/2024 10:29	2/5/2024 11:43	74	0.11
1523524	2/5/2024 10:29	2/5/2024 11:56	87	0.16
1493132	2/5/2024 10:30	2/5/2024 11:01	31	0.3
997397	2/5/2024 10:30	2/5/2024 11:33	63	0
954637	2/5/2024 10:30	2/5/2024 14:32	242	0
353082	2/5/2024 10:30	2/5/2024 10:46	16	0.01
320966	2/5/2024 10:31	2/5/2024 14:33	242	0
1375227	2/5/2024 10:31	2/5/2024 11:02	31	0
1415828	2/5/2024 10:32	2/5/2024 11:19	47	0
353728	2/5/2024 10:33	2/5/2024 11:09	36	0
926657	2/5/2024 10:33	2/5/2024 11:35	62	0
1421188	2/5/2024 10:33	2/5/2024 19:40	547	0
1414392	2/5/2024 10:34	2/5/2024 11:21	47	0
619266	2/5/2024 10:35	2/5/2024 19:38	543	0
507365	2/5/2024 10:36	2/5/2024 11:59	83	0
511266	2/5/2024 10:36	2/5/2024 11:55	79	0
1416360	2/5/2024 10:36	2/5/2024 11:18	42	0
197690	2/5/2024 10:37	2/5/2024 11:40	63	0
553755	2/5/2024 10:37	2/5/2024 19:38	541	0
508593	2/5/2024 10:38	2/5/2024 11:52	74	0
645339	2/5/2024 10:38	2/5/2024 19:39	541	0
510307	2/5/2024 10:38	2/5/2024 11:52	74	0
1515733	2/5/2024 10:40	2/5/2024 11:38	58	0
188639	2/5/2024 10:41	2/5/2024 11:13	32	0.03
1378128	2/5/2024 10:42	2/5/2024 11:45	63	0
416557	2/5/2024 10:42	2/5/2024 19:28	526	0
24124	2/5/2024 10:43	2/5/2024 11:15	32	0
353651	2/5/2024 10:43	2/5/2024 19:37	534	0
353371	2/5/2024 10:43	2/5/2024 19:43	540	0.2
29635	2/5/2024 10:44	2/5/2024 19:39	535	0
593798	2/5/2024 10:44	2/5/2024 19:36	532	0
34905	2/5/2024 10:45	2/5/2024 11:27	42	0
413869	2/5/2024 10:46	2/5/2024 19:46	540	0
353082	2/5/2024 10:46	2/5/2024 19:41	535	0.15
25674	2/5/2024 10:46	2/5/2024 11:13	27	0
593397	2/5/2024 10:48	2/5/2024 19:29	521	0

926505	2/5/2024 10:48	2/5/2024 11:19	31	0
928438	2/5/2024 10:48	2/6/2024 9:00	1331.83	0
926638	2/5/2024 10:49	2/5/2024 11:18	29	0
1547686	2/5/2024 10:50	2/5/2024 19:35	525	0
1465703	2/5/2024 10:50	2/5/2024 11:37	47	0
446329	2/5/2024 10:50	2/5/2024 11:32	42	0
8668965	2/5/2024 10:51	2/5/2024 11:54	63	0
8068454	2/5/2024 10:51	2/5/2024 11:23	32	0
1547843	2/5/2024 10:51	2/5/2024 19:42	531	0.1
926503	2/5/2024 10:51	2/5/2024 11:17	26	0
1549436	2/5/2024 10:52	2/5/2024 19:42	530	0
1546695	2/5/2024 10:52	2/5/2024 19:37	525	0
70866	2/5/2024 10:52	2/5/2024 11:34	42	0
1549376	2/5/2024 10:52	2/5/2024 19:37	525	0
1516579	2/5/2024 10:53	2/5/2024 10:59	6	0
645144	2/5/2024 10:53	2/5/2024 14:07	194	0.62
1547692	2/5/2024 10:53	2/5/2024 19:43	530	0
580808	2/5/2024 10:53	2/5/2024 19:28	515	0
1550815	2/5/2024 10:53	2/5/2024 19:38	525	0
198082	2/5/2024 10:54	2/5/2024 11:04	10	0
380736	2/5/2024 10:55	2/5/2024 19:29	514	0.05
1457350	2/5/2024 10:56	2/6/2024 9:00	1323.32	0
1453263	2/5/2024 10:56	2/5/2024 19:36	520	0
7879030	2/5/2024 10:56	2/5/2024 19:36	520	0
259674	2/5/2024 10:58	2/5/2024 11:03	5	0
6995795	2/5/2024 10:58	2/5/2024 19:38	520	0
381982	2/5/2024 10:59	2/5/2024 19:39	520	0
1516579	2/5/2024 10:59	2/5/2024 11:14	15	0
1378582	2/5/2024 10:59	2/5/2024 19:35	516	0
1378273	2/5/2024 10:59	2/5/2024 12:12	73	0
8910809	2/5/2024 11:00	2/5/2024 19:39	519	0
1515964	2/5/2024 11:01	2/5/2024 11:48	47	0
1493132	2/5/2024 11:01	2/5/2024 11:43	42	0
1375227	2/5/2024 11:02	2/5/2024 11:44	42	0
1395135	2/5/2024 11:02	2/6/2024 9:00	1317.5	0
980132	2/5/2024 11:03	2/5/2024 11:45	42	0
267537	2/5/2024 11:03	2/5/2024 19:48	525	0
449377	2/5/2024 11:03	2/5/2024 12:11	68	0
259674	2/5/2024 11:03	2/5/2024 19:33	510	0
1394028	2/5/2024 11:04	2/6/2024 9:00	1315.5	0
198082	2/5/2024 11:04	2/5/2024 19:44	520	0
430114	2/5/2024 11:05	2/5/2024 11:31	26	0
1394024	2/5/2024 11:05	2/6/2024 9:00	1314.5	0
196965	2/5/2024 11:06	2/5/2024 14:21	195	0.38
197356	2/5/2024 11:07	2/5/2024 14:21	194	0
1394011	2/5/2024 11:07	2/6/2024 9:00	1312.5	0
125572	2/5/2024 11:08	2/5/2024 19:46	518	2.12

1554677	2/5/2024 11:08	2/5/2024 19:36	508	0
1555376	2/5/2024 11:08	2/5/2024 19:37	509	0
7932279	2/5/2024 11:08	2/5/2024 19:31	503	0
564518	2/5/2024 11:08	2/5/2024 14:09	181	0
1093833	2/5/2024 11:09	2/5/2024 14:07	178	0
353728	2/5/2024 11:09	2/5/2024 20:57	588	0
567126	2/5/2024 11:10	2/5/2024 14:08	178	0.1
324045	2/5/2024 11:10	2/5/2024 19:49	519	0.16
127206	2/5/2024 11:10	2/6/2024 9:00	1309.92	0
34887	2/5/2024 11:13	2/5/2024 11:29	16	0
25674	2/5/2024 11:13	2/5/2024 11:29	16	0
955448	2/5/2024 11:13	2/5/2024 14:27	194	0
188639	2/5/2024 11:13	2/5/2024 11:28	15	0.03
1393633	2/5/2024 11:13	2/5/2024 11:45	32	0
35442	2/5/2024 11:13	2/5/2024 11:28	15	0
957216	2/5/2024 11:14	2/5/2024 14:29	195	0
1516579	2/5/2024 11:14	2/5/2024 11:19	5	0
428179	2/5/2024 11:14	2/5/2024 14:28	194	0
957615	2/5/2024 11:14	2/5/2024 14:27	193	0
24124	2/5/2024 11:15	2/5/2024 11:25	10	0
956125	2/5/2024 11:15	2/5/2024 14:29	194	1.68
425936	2/5/2024 11:15	2/5/2024 14:30	195	0
34832	2/5/2024 11:15	2/5/2024 11:26	11	0
1019446	2/5/2024 11:15	2/5/2024 11:47	32	0
23462	2/5/2024 11:15	2/5/2024 11:41	26	0
451783	2/5/2024 11:16	2/5/2024 11:32	16	0
562727	2/5/2024 11:17	2/6/2024 9:00	1302.78	0
926503	2/5/2024 11:17	2/5/2024 11:33	16	0
926638	2/5/2024 11:18	2/5/2024 11:33	15	0
563721	2/5/2024 11:18	2/5/2024 19:36	498	0
68620	2/5/2024 11:18	2/5/2024 11:35	17	0
1416360	2/5/2024 11:18	2/5/2024 19:42	504	0
328113	2/5/2024 11:19	2/5/2024 11:45	26	0.1
926505	2/5/2024 11:19	2/5/2024 11:35	16	0
12378019	2/5/2024 11:19	2/5/2024 14:49	210	0
456048	2/5/2024 11:19	2/5/2024 11:30	11	0
456084	2/5/2024 11:19	2/5/2024 11:34	15	0
1516579	2/5/2024 11:19	2/5/2024 11:24	5	0
1415828	2/5/2024 11:19	2/5/2024 19:32	493	0
1417279	2/5/2024 11:19	2/5/2024 19:34	495	0
69207	2/5/2024 11:20	2/5/2024 11:36	16	0
8434548	2/5/2024 11:20	2/5/2024 14:50	210	0.09
308032	2/5/2024 11:20	2/5/2024 19:44	504	0.76
574993	2/5/2024 11:21	2/5/2024 11:27	6	0
1414392	2/5/2024 11:21	2/6/2024 9:00	1298.5	0
308622	2/5/2024 11:22	2/5/2024 19:47	505	0
309265	2/5/2024 11:22	2/5/2024 19:35	493	0

12377908	2/5/2024 11:22	2/5/2024 19:38	496	0.45
792391	2/5/2024 11:22	2/5/2024 19:40	498	0
6168330	2/5/2024 11:22	2/5/2024 19:35	493	0
792446	2/5/2024 11:23	2/5/2024 19:31	488	0
794132	2/5/2024 11:23	2/5/2024 19:36	493	0
658177	2/5/2024 11:23	2/5/2024 19:31	488	0
308802	2/5/2024 11:23	2/5/2024 19:47	504	0
8068454	2/5/2024 11:23	2/5/2024 19:44	501	0
793737	2/5/2024 11:24	2/5/2024 19:38	494	0
1332906	2/5/2024 11:24	2/5/2024 11:51	27	0
207058	2/5/2024 11:24	2/5/2024 19:38	494	0
309944	2/5/2024 11:24	2/5/2024 19:43	499	0.99
1516579	2/5/2024 11:24	2/5/2024 11:30	6	0
1466638	2/5/2024 11:24	2/5/2024 11:35	11	0
791361	2/5/2024 11:24	2/5/2024 21:19	595	0
552210	2/5/2024 11:25	2/5/2024 19:38	493	0
24124	2/5/2024 11:25	2/5/2024 11:41	16	0
593366	2/5/2024 11:26	2/5/2024 19:31	485	0
34832	2/5/2024 11:26	2/5/2024 11:41	15	0
1452843	2/5/2024 11:27	2/6/2024 9:00	1292.32	0
574993	2/5/2024 11:27	2/5/2024 12:24	57	0
34905	2/5/2024 11:27	2/5/2024 11:43	16	0
35442	2/5/2024 11:28	2/5/2024 11:43	15	0
188639	2/5/2024 11:28	2/5/2024 11:44	16	0.07
189581	2/5/2024 11:28	2/5/2024 11:44	16	0
25674	2/5/2024 11:29	2/5/2024 11:44	15	0
34887	2/5/2024 11:29	2/5/2024 11:45	16	0
1288420	2/5/2024 11:29	2/5/2024 11:35	6	0
456048	2/5/2024 11:30	2/5/2024 11:46	16	0
1516579	2/5/2024 11:30	2/5/2024 11:40	10	0
430114	2/5/2024 11:31	2/5/2024 11:47	16	0
455629	2/5/2024 11:32	2/5/2024 14:20	168	0
10691024	2/5/2024 11:32	2/5/2024 11:47	15	0
587455	2/5/2024 11:32	2/5/2024 11:48	16	0
980398	2/5/2024 11:32	2/5/2024 11:48	16	0
446329	2/5/2024 11:32	2/5/2024 19:45	493	0
451783	2/5/2024 11:32	2/5/2024 19:40	488	0
926638	2/5/2024 11:33	2/5/2024 11:49	16	0
926503	2/5/2024 11:33	2/5/2024 11:48	15	0
446126	2/5/2024 11:33	2/6/2024 9:00	1286.78	0
997397	2/5/2024 11:33	2/5/2024 11:49	16	0
927251	2/5/2024 11:33	2/5/2024 19:36	483	0
454861	2/5/2024 11:34	2/5/2024 14:06	152	0
456084	2/5/2024 11:34	2/5/2024 11:45	11	0
455994	2/5/2024 11:34	2/5/2024 12:52	78	0
70866	2/5/2024 11:34	2/5/2024 12:21	47	0
445867	2/5/2024 11:34	2/5/2024 19:40	486	0

457978	2/5/2024 11:34	2/5/2024 14:12	158	0
456099	2/5/2024 11:34	2/5/2024 14:06	152	0
558031	2/5/2024 11:35	2/5/2024 16:08	273	0
1466638	2/5/2024 11:35	2/5/2024 11:50	15	0
454901	2/5/2024 11:35	2/5/2024 14:06	151	0
926505	2/5/2024 11:35	2/5/2024 11:51	16	0
561757	2/5/2024 11:35	2/5/2024 16:08	273	0
926657	2/5/2024 11:35	2/5/2024 11:51	16	0
1288420	2/5/2024 11:35	2/5/2024 14:30	175	0
68620	2/5/2024 11:35	2/5/2024 13:51	136	0
197561	2/5/2024 11:35	2/5/2024 14:21	166	0.53
455345	2/5/2024 11:35	2/5/2024 14:05	150	0
1672784	2/5/2024 11:36	2/6/2024 9:00	1283.78	0.34
197629	2/5/2024 11:36	2/5/2024 14:38	182	1.23
69207	2/5/2024 11:36	2/5/2024 14:50	194	0
945898	2/5/2024 11:37	2/5/2024 13:55	138	0
1465703	2/5/2024 11:37	2/5/2024 11:53	16	0
197883	2/5/2024 11:37	2/5/2024 14:25	168	0
1515733	2/5/2024 11:38	2/5/2024 14:10	152	0
548347	2/5/2024 11:38	2/5/2024 12:57	79	0
1456419	2/5/2024 11:38	2/5/2024 19:38	480	0
196408	2/5/2024 11:38	2/5/2024 14:23	165	0
68308	2/5/2024 11:39	2/5/2024 14:06	147	0
560588	2/5/2024 11:39	2/5/2024 19:37	478	0
328408	2/5/2024 11:39	2/5/2024 12:05	26	0
195839	2/5/2024 11:39	2/5/2024 14:51	192	0
549617	2/5/2024 11:40	2/5/2024 12:11	31	0
549596	2/5/2024 11:40	2/5/2024 12:12	32	0
197690	2/5/2024 11:40	2/5/2024 15:10	210	0
27483	2/5/2024 11:40	2/5/2024 14:13	153	0
1516579	2/5/2024 11:40	2/5/2024 11:45	5	0
24124	2/5/2024 11:41	2/5/2024 14:13	152	0
562346	2/5/2024 11:41	2/5/2024 19:44	483	0
23462	2/5/2024 11:41	2/5/2024 14:29	168	0
1985687	2/5/2024 11:41	2/5/2024 11:54	13	0
34832	2/5/2024 11:41	2/5/2024 14:14	153	0
1074779	2/5/2024 11:42	2/5/2024 19:40	478	0
562202	2/5/2024 11:42	2/5/2024 11:47	5	0
1493132	2/5/2024 11:43	2/5/2024 12:15	32	0
29848	2/5/2024 11:43	2/5/2024 14:15	152	0.12
34905	2/5/2024 11:43	2/5/2024 19:40	477	0
35442	2/5/2024 11:43	2/5/2024 14:13	150	0
1494722	2/5/2024 11:43	2/5/2024 14:25	162	0.06
1375227	2/5/2024 11:44	2/5/2024 12:16	32	0
189581	2/5/2024 11:44	2/5/2024 14:11	147	0
25674	2/5/2024 11:44	2/5/2024 14:11	147	0
188639	2/5/2024 11:44	2/5/2024 14:11	147	0.67

224277	2/5/2024 11:44	2/6/2024 9:00	1275.92	0
328113	2/5/2024 11:45	2/5/2024 19:37	472	0.07
34887	2/5/2024 11:45	2/5/2024 14:12	147	0
456084	2/5/2024 11:45	2/5/2024 12:01	16	0
1020565	2/5/2024 11:45	2/5/2024 13:30	105	0
1516579	2/5/2024 11:45	2/5/2024 14:13	148	0
980132	2/5/2024 11:45	2/5/2024 12:01	16	0
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1393633	2/5/2024 11:45	2/5/2024 14:44	179	0.24
1393699	2/5/2024 11:45	2/5/2024 14:28	163	0.09
28509	2/5/2024 11:45	2/5/2024 14:15	150	0
456048	2/5/2024 11:46	2/5/2024 12:01	15	0
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562202	2/5/2024 11:47	2/6/2024 9:00	1272.78	0
430114	2/5/2024 11:47	2/5/2024 12:03	16	0
1019446	2/5/2024 11:47	2/5/2024 13:32	105	0
1515964	2/5/2024 11:48	2/5/2024 12:04	16	0
926503	2/5/2024 11:48	2/5/2024 14:21	153	0
980398	2/5/2024 11:48	2/5/2024 13:16	88	0
10691024	2/5/2024 11:48	2/5/2024 12:07	19	0
587455	2/5/2024 11:48	2/5/2024 14:30	162	0
997397	2/5/2024 11:49	2/5/2024 14:31	162	0
926638	2/5/2024 11:49	2/5/2024 14:21	152	0
1466638	2/5/2024 11:50	2/5/2024 12:22	32	0
926505	2/5/2024 11:51	2/5/2024 14:18	147	0
1333801	2/5/2024 11:51	2/5/2024 14:23	152	0
1332906	2/5/2024 11:51	2/5/2024 14:41	170	0.03
926657	2/5/2024 11:51	2/5/2024 14:34	163	0
574596	2/5/2024 11:52	2/5/2024 12:22	30	0
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510307	2/5/2024 11:52	2/5/2024 12:07	15	0
508593	2/5/2024 11:52	2/5/2024 12:07	15	0
1641091	2/5/2024 11:52	2/5/2024 12:23	31	0
506261	2/5/2024 11:53	2/5/2024 12:09	16	0
1465703	2/5/2024 11:53	2/5/2024 12:24	31	0.03
1985687	2/5/2024 11:54	2/6/2024 9:00	1265.78	0
8668965	2/5/2024 11:54	2/5/2024 12:10	16	0
1524033	2/5/2024 11:55	2/5/2024 12:22	27	0
511266	2/5/2024 11:55	2/5/2024 12:11	16	0
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1523524	2/5/2024 11:56	2/5/2024 12:22	26	0
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1320008	2/5/2024 11:56	2/5/2024 12:12	16	0
658642	2/5/2024 11:57	2/5/2024 19:34	457	0.13
507365	2/5/2024 11:59	2/5/2024 12:11	12	0
8495802	2/5/2024 12:01	2/5/2024 14:17	136	0
456084	2/5/2024 12:01	2/5/2024 12:32	31	0

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980132	2/5/2024 12:01	2/5/2024 12:48	47	0
14239	2/5/2024 12:02	2/6/2024 9:00	1257.92	0
430114	2/5/2024 12:03	2/6/2024 9:00	1256.78	0
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328408	2/5/2024 12:05	2/5/2024 19:37	452	0.01
11435788	2/5/2024 12:05	2/6/2024 9:00	1254.92	0
510307	2/5/2024 12:07	2/5/2024 14:24	137	0.01
508593	2/5/2024 12:07	2/5/2024 14:55	168	0
510974	2/5/2024 12:07	2/5/2024 14:08	121	0
10691024	2/5/2024 12:07	2/5/2024 12:08	1	0
10691024	2/5/2024 12:08	2/5/2024 12:27	19	0
506261	2/5/2024 12:09	2/5/2024 14:51	162	0.01
8668965	2/5/2024 12:10	2/5/2024 19:31	441	0
507365	2/5/2024 12:11	2/5/2024 14:22	131	0
1405290	2/5/2024 12:11	2/5/2024 19:43	452	0
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511266	2/5/2024 12:11	2/5/2024 14:22	131	0
549617	2/5/2024 12:11	2/6/2024 9:00	1248.78	0.01
549596	2/5/2024 12:12	2/6/2024 9:00	1247.78	0
1321605	2/5/2024 12:12	2/5/2024 14:07	115	0
1320008	2/5/2024 12:12	2/5/2024 14:08	116	0
1378273	2/5/2024 12:12	2/5/2024 19:29	437	0
756553	2/5/2024 12:14	2/6/2024 9:00	1245.78	0
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1493132	2/5/2024 12:15	2/5/2024 15:13	178	0
1375227	2/5/2024 12:16	2/5/2024 15:14	178	0
675499	2/5/2024 12:16	2/5/2024 14:27	131	0
1378128	2/5/2024 12:18	2/5/2024 15:15	177	0
70866	2/5/2024 12:21	2/5/2024 19:37	436	0
860281	2/5/2024 12:21	2/5/2024 15:36	195	0
859747	2/5/2024 12:21	2/5/2024 15:36	195	0
914462	2/5/2024 12:21	2/6/2024 9:00	1238.83	0
916441	2/5/2024 12:21	2/6/2024 9:00	1238.83	0
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1466638	2/5/2024 12:22	2/5/2024 14:38	136	0
1523524	2/5/2024 12:22	2/5/2024 19:38	436	0
574596	2/5/2024 12:22	2/5/2024 14:07	105	0
1641091	2/5/2024 12:23	2/5/2024 19:44	441	0
1465703	2/5/2024 12:24	2/6/2024 9:00	1235.32	0
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1064514	2/5/2024 12:31	2/5/2024 14:32	121	0
1064575	2/5/2024 12:31	2/5/2024 14:31	120	0

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740241	2/5/2024 12:35	2/5/2024 14:26	111	0
449377	2/5/2024 12:48	2/5/2024 14:06	78	0
980870	2/5/2024 12:48	2/5/2024 19:37	409	0
980132	2/5/2024 12:48	2/5/2024 13:46	58	0
455994	2/5/2024 12:52	2/5/2024 14:06	74	0
548347	2/5/2024 12:57	2/6/2024 9:00	1202.78	0
399291	2/5/2024 13:00	2/5/2024 19:44	404	0
1503739	2/5/2024 13:05	2/5/2024 19:28	383	0.03
1394365	2/5/2024 13:05	2/5/2024 14:50	105	0
9063373	2/5/2024 13:05	2/5/2024 14:50	105	0
1394324	2/5/2024 13:06	2/5/2024 14:51	105	0
1472045	2/5/2024 13:07	2/5/2024 19:46	399	0.54
1664433	2/5/2024 13:08	2/5/2024 13:23	15	0
982457	2/5/2024 13:08	2/5/2024 13:45	37	0
980398	2/5/2024 13:16	2/5/2024 15:16	120	0
729928	2/5/2024 13:18	2/5/2024 13:33	15	0
1664433	2/5/2024 13:23	2/6/2024 9:00	1176.83	0
1020565	2/5/2024 13:30	2/5/2024 14:44	74	0
1019446	2/5/2024 13:32	2/5/2024 13:58	26	0
729928	2/5/2024 13:33	2/5/2024 19:44	371	0
326028	2/5/2024 13:36	2/6/2024 9:00	1163.92	0
574993	2/5/2024 13:38	2/5/2024 13:43	5	0
574993	2/5/2024 13:43	2/5/2024 13:54	11	0
982457	2/5/2024 13:45	2/6/2024 9:00	1154.53	0
980132	2/5/2024 13:46	2/5/2024 15:19	93	0
68620	2/5/2024 13:51	2/5/2024 14:54	63	0
903630	2/5/2024 13:51	2/6/2024 9:00	1148.83	0
574993	2/5/2024 13:54	2/5/2024 13:59	5	0
945898	2/5/2024 13:55	2/5/2024 14:22	27	0
1019446	2/5/2024 13:58	2/5/2024 14:45	47	0
574993	2/5/2024 13:59	2/5/2024 14:20	21	0
10433250	2/5/2024 14:02	2/5/2024 15:57	115	0
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455345	2/5/2024 14:05	2/5/2024 14:21	16	0
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456099	2/5/2024 14:06	2/5/2024 14:22	16	0
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449377	2/5/2024 14:06	2/5/2024 14:48	42	0
454861	2/5/2024 14:06	2/5/2024 14:22	16	0
1093833	2/5/2024 14:07	2/5/2024 14:23	16	0

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356505	2/5/2024 14:08	2/5/2024 19:49	341	0
567126	2/5/2024 14:08	2/5/2024 14:24	16	0
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1515733	2/5/2024 14:10	2/5/2024 14:21	11	0
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25674	2/5/2024 14:11	2/5/2024 15:14	63	0
457978	2/5/2024 14:12	2/5/2024 14:23	11	0
34613	2/5/2024 14:12	2/5/2024 14:28	16	0
30471	2/5/2024 14:12	2/5/2024 14:28	16	0
27852	2/5/2024 14:12	2/5/2024 14:28	16	0
26921	2/5/2024 14:12	2/5/2024 14:28	16	0.01
23566	2/5/2024 14:12	2/6/2024 9:00	1127.92	0
25066	2/5/2024 14:12	2/6/2024 9:00	1127.92	0
34887	2/5/2024 14:12	2/5/2024 14:28	16	0
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27483	2/5/2024 14:13	2/5/2024 14:28	15	0
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27443	2/5/2024 14:13	2/5/2024 14:28	15	0
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34832	2/5/2024 14:14	2/5/2024 14:29	15	0
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28509	2/5/2024 14:15	2/5/2024 14:30	15	0
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926505	2/5/2024 14:18	2/5/2024 15:21	63	0
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455629	2/5/2024 14:20	2/5/2024 14:51	31	0
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1515733	2/5/2024 14:21	2/5/2024 14:37	16	0
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197561	2/5/2024 14:21	2/5/2024 14:37	16	0
455345	2/5/2024 14:21	2/5/2024 14:52	31	0
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926503	2/5/2024 14:21	2/5/2024 15:19	58	0
455994	2/5/2024 14:21	2/5/2024 15:54	93	0
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1524033	2/5/2024 14:22	2/5/2024 15:57	95	0
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1557188	2/5/2024 14:22	2/5/2024 14:32	10	0
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456099	2/5/2024 14:22	2/5/2024 14:48	26	0
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1093833	2/5/2024 14:23	2/5/2024 14:39	16	0
1672454	2/5/2024 14:23	2/5/2024 14:49	26	0
642003	2/5/2024 14:23	2/5/2024 14:54	31	0
1321605	2/5/2024 14:23	2/5/2024 14:39	16	0
457978	2/5/2024 14:23	2/5/2024 14:49	26	0
1516579	2/5/2024 14:23	2/5/2024 14:28	5	0
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567126	2/5/2024 14:24	2/5/2024 14:40	16	0
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510307	2/5/2024 14:24	2/5/2024 14:40	16	0
197883	2/5/2024 14:25	2/5/2024 14:41	16	0
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428179	2/5/2024 14:28	2/5/2024 15:15	47	0
27443	2/5/2024 14:28	2/5/2024 14:44	16	0.03
1393699	2/5/2024 14:28	2/5/2024 14:44	16	0
34613	2/5/2024 14:28	2/5/2024 14:44	16	0.03
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35442	2/5/2024 14:28	2/5/2024 14:43	15	0
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957216	2/5/2024 14:29	2/5/2024 14:45	16	0
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956125	2/5/2024 14:29	2/5/2024 14:45	16	0
23462	2/5/2024 14:29	2/5/2024 14:45	16	0
457729	2/5/2024 14:30	2/5/2024 14:51	21	0
29848	2/5/2024 14:30	2/5/2024 14:41	11	0.08
425936	2/5/2024 14:30	2/5/2024 15:17	47	0
587455	2/5/2024 14:30	2/5/2024 19:42	312	0
1288420	2/5/2024 14:30	2/5/2024 14:36	6	0
28509	2/5/2024 14:30	2/5/2024 14:46	16	0
10691024	2/5/2024 14:31	2/5/2024 14:50	19	0
997397	2/5/2024 14:31	2/5/2024 14:48	17	0
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51957	2/5/2024 14:32	2/5/2024 14:47	15	0
1554218	2/5/2024 14:32	2/5/2024 19:42	310	0
954637	2/5/2024 14:32	2/5/2024 19:30	298	0
945898	2/5/2024 14:32	2/5/2024 19:23	291	0
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817825	2/5/2024 14:33	2/5/2024 14:48	15	0
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817260	2/5/2024 14:34	2/5/2024 14:44	10	0
1251782	2/5/2024 14:34	2/5/2024 14:48	14	0

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1556243	2/5/2024 14:36	2/5/2024 15:34	58	0
574993	2/5/2024 14:36	2/5/2024 14:41	5	0
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574596	2/5/2024 14:37	2/5/2024 19:37	300	0
197629	2/5/2024 14:38	2/5/2024 19:45	307	0
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8387677	2/5/2024 14:39	2/5/2024 19:39	300	0
564518	2/5/2024 14:40	2/5/2024 19:40	300	0
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1435945	2/5/2024 14:41	2/5/2024 19:29	288	0
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574993	2/5/2024 14:41	2/5/2024 14:51	10	0
29848	2/5/2024 14:41	2/5/2024 19:40	299	0.28
549259	2/5/2024 14:41	2/5/2024 19:35	294	0
8734029	2/5/2024 14:42	2/5/2024 19:41	299	0
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21820	2/5/2024 14:42	2/5/2024 19:41	299	0
34887	2/5/2024 14:43	2/5/2024 19:43	300	0
8495802	2/5/2024 14:43	2/5/2024 19:37	294	0
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27483	2/5/2024 14:44	2/5/2024 19:43	299	0
29748	2/5/2024 14:44	2/5/2024 19:38	294	0
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26921	2/5/2024 14:44	2/5/2024 19:38	294	0.05
34613	2/5/2024 14:44	2/5/2024 19:38	294	0.17
1393633	2/5/2024 14:44	2/5/2024 19:32	288	0
27443	2/5/2024 14:44	2/5/2024 19:49	305	0.08
817260	2/5/2024 14:44	2/5/2024 19:38	294	0
27852	2/5/2024 14:44	2/5/2024 22:23	459	0
1393699	2/5/2024 14:44	2/5/2024 19:32	288	0
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957216	2/5/2024 14:45	2/5/2024 19:33	288	0
34832	2/5/2024 14:45	2/5/2024 19:39	294	0
956125	2/5/2024 14:45	2/5/2024 19:33	288	0
28509	2/5/2024 14:46	2/5/2024 19:35	289	0
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817825	2/5/2024 14:48	2/5/2024 19:37	289	0

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1394365	2/5/2024 14:50	2/5/2024 19:44	294	0
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506261	2/5/2024 14:51	2/5/2024 19:35	284	0.11
1556352	2/5/2024 14:52	2/5/2024 19:35	283	0
1463218	2/5/2024 14:52	2/5/2024 19:30	278	0
455345	2/5/2024 14:52	2/5/2024 19:41	289	0
646026	2/5/2024 14:53	2/5/2024 19:36	283	0
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645144	2/5/2024 14:54	2/5/2024 19:38	284	0
68620	2/5/2024 14:54	2/5/2024 19:43	289	0.02
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574993	2/5/2024 14:57	2/5/2024 15:07	10	0
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8950281	2/5/2024 15:01	2/5/2024 19:44	283	0
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51483	2/5/2024 15:04	2/5/2024 19:36	272	0

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325050	2/5/2024 15:07	2/5/2024 15:23	16	0
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324249	2/5/2024 15:09	2/5/2024 19:42	273	0
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1516579	2/5/2024 15:10	2/5/2024 15:15	5	0
323657	2/5/2024 15:10	2/5/2024 19:46	276	0
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194491	2/5/2024 15:10	2/6/2024 9:00	1069.92	0
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926505	2/5/2024 15:21	2/5/2024 19:38	257	0
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574993	2/5/2024 15:23	2/5/2024 15:28	5	0
10691024	2/5/2024 15:23	2/5/2024 15:42	19	0
325050	2/5/2024 15:23	2/5/2024 19:35	252	0
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574993	2/5/2024 15:28	2/5/2024 15:39	11	0
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1556246	2/5/2024 15:35	2/5/2024 19:41	246	0
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859747	2/5/2024 15:36	2/5/2024 19:42	246	0
1516579	2/5/2024 15:36	2/5/2024 15:42	6	0
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574993	2/5/2024 15:44	2/5/2024 16:21	37	0
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455994	2/5/2024 15:54	2/5/2024 18:06	132	0
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1671958	2/5/2024 16:03	2/5/2024 19:33	210	0
10691024	2/5/2024 16:03	2/5/2024 16:22	19	0
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1348976	2/5/2024 16:08	2/5/2024 19:43	215	0
561757	2/5/2024 16:08	2/5/2024 19:33	205	0
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1349083	2/5/2024 16:11	2/5/2024 19:41	210	0
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10691024	2/5/2024 16:23	2/5/2024 16:42	19	0
574993	2/5/2024 16:26	2/5/2024 16:36	10	0
347230	2/5/2024 16:28	2/5/2024 19:32	184	0
1576533	2/5/2024 16:29	2/5/2024 19:42	193	0
1064514	2/5/2024 16:31	2/5/2024 19:29	178	0
574993	2/5/2024 16:36	2/5/2024 16:42	6	0
574993	2/5/2024 16:42	2/5/2024 16:52	10	0
10691024	2/5/2024 16:42	2/5/2024 16:43	1	0
10691024	2/5/2024 16:43	2/5/2024 17:02	19	0
1301644	2/5/2024 16:45	2/5/2024 19:27	162	0
1351588	2/5/2024 16:50	2/5/2024 19:43	173	0
1350598	2/5/2024 16:50	2/5/2024 19:38	168	0
1349502	2/5/2024 16:50	2/5/2024 19:38	168	0
1350104	2/5/2024 16:52	2/5/2024 19:35	163	0
574993	2/5/2024 16:52	2/5/2024 16:57	5	0
574993	2/5/2024 16:57	2/5/2024 17:08	11	0
10691024	2/5/2024 17:02	2/5/2024 17:03	1	0
10691024	2/5/2024 17:03	2/5/2024 17:22	19	0
449377	2/5/2024 17:05	2/5/2024 17:47	42	0
574993	2/5/2024 17:08	2/5/2024 17:13	5	0
574993	2/5/2024 17:13	2/6/2024 9:00	946.78	0
10691024	2/5/2024 17:22	2/5/2024 17:23	1	0
10691024	2/5/2024 17:23	2/5/2024 17:42	19	0
1466638	2/5/2024 17:37	2/5/2024 19:32	115	0
10691024	2/5/2024 17:42	2/5/2024 17:43	1	0
10691024	2/5/2024 17:43	2/5/2024 18:02	19	0
449377	2/5/2024 17:47	2/5/2024 18:14	27	0
415131	2/5/2024 18:01	2/5/2024 19:36	95	0
8604423	2/5/2024 18:02	2/5/2024 18:27	25	0
10691024	2/5/2024 18:02	2/5/2024 18:03	1	0
10691024	2/5/2024 18:03	2/5/2024 18:22	19	0
455994	2/5/2024 18:06	2/5/2024 19:45	99	0
449377	2/5/2024 18:14	2/5/2024 18:55	41	0
1368745	2/5/2024 18:21	2/5/2024 19:34	73	0
10691024	2/5/2024 18:22	2/5/2024 18:23	1	0
10691024	2/5/2024 18:23	2/5/2024 18:42	19	0
8604423	2/5/2024 18:27	2/5/2024 18:44	17	0
1450250	2/5/2024 18:38	2/5/2024 19:41	63	0
10691024	2/5/2024 18:42	2/5/2024 18:43	1	0
1604432	2/5/2024 18:42	2/6/2024 9:00	857.32	0
10691024	2/5/2024 18:43	2/5/2024 19:02	19	0

8604423	2/5/2024 18:44	2/5/2024 19:36	52	0
449377	2/5/2024 18:55	2/5/2024 19:37	42	0
10691024	2/5/2024 19:02	2/5/2024 19:03	1	0
10691024	2/5/2024 19:03	2/5/2024 19:22	19	0
25674	2/5/2024 19:08	2/6/2024 8:57	829	0
10691024	2/5/2024 19:22	2/5/2024 19:23	1	0
945898	2/5/2024 19:23	2/6/2024 9:00	816.83	0
10691024	2/5/2024 19:23	2/5/2024 19:42	19	0
1019446	2/5/2024 19:25	2/6/2024 9:00	814.53	0
926503	2/5/2024 19:25	2/6/2024 9:00	814.83	0
740241	2/5/2024 19:25	2/6/2024 9:00	814.83	0
675499	2/5/2024 19:26	2/6/2024 9:00	813.83	0
1466415	2/5/2024 19:26	2/6/2024 9:00	813.32	0
955448	2/5/2024 19:26	2/6/2024 9:00	813.53	0
1020565	2/5/2024 19:26	2/6/2024 9:00	813.53	0
954332	2/5/2024 19:26	2/6/2024 9:00	813.53	0
800576	2/5/2024 19:27	2/6/2024 9:00	812.83	0
793937	2/5/2024 19:27	2/6/2024 9:00	812.83	0
10433250	2/5/2024 19:27	2/6/2024 9:00	812.5	0
385332	2/5/2024 19:27	2/6/2024 9:00	812.78	0
860281	2/5/2024 19:27	2/6/2024 9:00	812.83	0
1301644	2/5/2024 19:27	2/6/2024 9:00	812.5	0
1321605	2/5/2024 19:27	2/6/2024 9:00	812.5	0
980398	2/5/2024 19:28	2/6/2024 9:00	811.53	0
800590	2/5/2024 19:28	2/6/2024 9:00	811.83	0
416557	2/5/2024 19:28	2/6/2024 9:00	811.78	0
1320008	2/5/2024 19:28	2/6/2024 9:00	811.5	0
816722	2/5/2024 19:28	2/6/2024 9:00	811.83	0
980132	2/5/2024 19:28	2/6/2024 9:00	811.53	0
580808	2/5/2024 19:28	2/6/2024 9:00	811.78	0
1503739	2/5/2024 19:28	2/6/2024 9:00	811.53	0
1349177	2/5/2024 19:29	2/6/2024 9:00	810.5	0
1332906	2/5/2024 19:29	2/6/2024 9:00	810.5	0
1064514	2/5/2024 19:29	2/6/2024 9:00	810.53	0
593397	2/5/2024 19:29	2/6/2024 9:00	810.78	0
1463680	2/5/2024 19:29	2/6/2024 8:10	761	0
1378273	2/5/2024 19:29	2/6/2024 9:00	810.5	0
1020274	2/5/2024 19:29	2/6/2024 9:00	810.53	0
1309098	2/5/2024 19:29	2/6/2024 9:00	810.5	0
380736	2/5/2024 19:29	2/6/2024 9:00	810.78	0
1435945	2/5/2024 19:29	2/6/2024 9:00	810.32	0
1503634	2/5/2024 19:30	2/6/2024 9:00	809.5	0
1434550	2/5/2024 19:30	2/6/2024 9:00	809.32	0
1463218	2/5/2024 19:30	2/6/2024 9:00	809.32	0
1041597	2/5/2024 19:30	2/6/2024 9:00	809.53	0
997397	2/5/2024 19:30	2/6/2024 9:00	809.53	0
954637	2/5/2024 19:30	2/6/2024 9:00	809.53	0

926638	2/5/2024 19:30	2/6/2024 9:00	809.83	0
926657	2/5/2024 19:30	2/6/2024 9:00	809.83	0
1272457	2/5/2024 19:30	2/6/2024 8:01	751	0
1583853	2/5/2024 19:30	2/6/2024 9:00	809.32	0
1347949	2/5/2024 19:30	2/6/2024 9:00	809.5	0
1333801	2/5/2024 19:30	2/6/2024 9:00	809.5	0
1020387	2/5/2024 19:31	2/6/2024 9:00	808.53	0
1557188	2/5/2024 19:31	2/6/2024 9:00	808.32	0
1265778	2/5/2024 19:31	2/6/2024 9:00	808.5	0
1444809	2/5/2024 19:31	2/6/2024 8:08	757	0
627018	2/5/2024 19:31	2/6/2024 9:00	808.78	0
658177	2/5/2024 19:31	2/6/2024 9:00	808.83	0
792446	2/5/2024 19:31	2/6/2024 9:00	808.83	0
593366	2/5/2024 19:31	2/6/2024 9:00	808.78	0
1437071	2/5/2024 19:31	2/6/2024 9:00	808.32	0
8668965	2/5/2024 19:31	2/6/2024 9:00	808.78	0
656498	2/5/2024 19:31	2/6/2024 9:00	808.83	0
7932279	2/5/2024 19:31	2/6/2024 9:00	808.32	0
500173	2/5/2024 19:32	2/6/2024 9:00	807.78	0
315088	2/5/2024 19:32	2/6/2024 9:00	807.92	0
197690	2/5/2024 19:32	2/6/2024 9:00	807.92	0
1556565	2/5/2024 19:32	2/6/2024 9:00	807.32	0
1347943	2/5/2024 19:32	2/6/2024 9:00	807.5	0
456084	2/5/2024 19:32	2/6/2024 9:00	807.78	0
561758	2/5/2024 19:32	2/6/2024 9:00	807.78	0
800588	2/5/2024 19:32	2/6/2024 9:00	807.83	0
428179	2/5/2024 19:32	2/6/2024 9:00	807.78	0
1433522	2/5/2024 19:32	2/6/2024 9:00	807.32	0
1393633	2/5/2024 19:32	2/6/2024 9:00	807.5	0
1415828	2/5/2024 19:32	2/6/2024 9:00	807.5	0
347230	2/5/2024 19:32	2/6/2024 7:57	745	0
1349766	2/5/2024 19:32	2/6/2024 9:00	807.5	0
1393699	2/5/2024 19:32	2/6/2024 9:00	807.5	0
1466638	2/5/2024 19:32	2/6/2024 8:08	756	0
1347937	2/5/2024 19:32	2/6/2024 9:00	807.5	0
1446401	2/5/2024 19:32	2/6/2024 9:00	807.32	0
449036	2/5/2024 19:33	2/6/2024 9:00	806.78	0
1093833	2/5/2024 19:33	2/6/2024 9:00	806.78	0
957216	2/5/2024 19:33	2/6/2024 9:00	806.53	0
1671958	2/5/2024 19:33	2/6/2024 9:00	806.78	0
498070	2/5/2024 19:33	2/6/2024 9:00	806.78	0
259674	2/5/2024 19:33	2/6/2024 9:00	806.92	0
324290	2/5/2024 19:33	2/6/2024 9:00	806.92	0
510974	2/5/2024 19:33	2/6/2024 9:00	806.78	0
561757	2/5/2024 19:33	2/6/2024 9:00	806.78	0
956125	2/5/2024 19:33	2/6/2024 9:00	806.53	0
558031	2/5/2024 19:33	2/6/2024 9:00	806.78	0

800600	2/5/2024 19:33	2/6/2024 9:00	806.83	0
928006	2/5/2024 19:34	2/6/2024 9:00	805.83	0
425936	2/5/2024 19:34	2/6/2024 9:00	805.78	0
658642	2/5/2024 19:34	2/6/2024 9:00	805.83	0
1368745	2/5/2024 19:34	2/6/2024 9:00	805.5	0
68308	2/5/2024 19:34	2/6/2024 9:00	805.92	0
8434548	2/5/2024 19:34	2/6/2024 9:00	805.92	0
1463520	2/5/2024 19:34	2/6/2024 8:11	757	0
1493766	2/5/2024 19:34	2/6/2024 9:00	805.5	0
510307	2/5/2024 19:34	2/6/2024 9:00	805.78	0
1417279	2/5/2024 19:34	2/6/2024 9:00	805.5	0
317233	2/5/2024 19:34	2/6/2024 9:00	805.92	0
790670	2/5/2024 19:34	2/6/2024 9:00	805.83	0
624953	2/5/2024 19:34	2/6/2024 9:00	805.78	0
971524	2/5/2024 19:34	2/6/2024 9:00	805.78	0
793285	2/5/2024 19:34	2/6/2024 9:00	805.83	0
1465882	2/5/2024 19:34	2/6/2024 9:00	805.32	0
317195	2/5/2024 19:34	2/6/2024 8:52	798	0
1346410	2/5/2024 19:34	2/6/2024 9:00	805.5	0
195839	2/5/2024 19:34	2/6/2024 9:00	805.92	0
314899	2/5/2024 19:34	2/6/2024 9:00	805.92	0
626477	2/5/2024 19:34	2/6/2024 9:00	805.78	0
23462	2/5/2024 19:34	2/6/2024 9:00	805.92	0
1445317	2/5/2024 19:35	2/6/2024 8:10	755	0
6168330	2/5/2024 19:35	2/6/2024 9:00	804.92	0
325050	2/5/2024 19:35	2/6/2024 9:00	804.92	0
317797	2/5/2024 19:35	2/6/2024 9:00	804.92	0
1556352	2/5/2024 19:35	2/6/2024 9:00	804.32	0
563241	2/5/2024 19:35	2/6/2024 9:00	804.78	0
506261	2/5/2024 19:35	2/6/2024 9:00	804.78	0
1350104	2/5/2024 19:35	2/6/2024 9:00	804.5	0
28509	2/5/2024 19:35	2/6/2024 9:00	804.92	0
1547686	2/5/2024 19:35	2/6/2024 9:00	804.32	0
1378582	2/5/2024 19:35	2/6/2024 9:00	804.5	0
549259	2/5/2024 19:35	2/6/2024 9:00	804.78	0
624628	2/5/2024 19:35	2/6/2024 9:00	804.78	0
47769	2/5/2024 19:35	2/6/2024 9:00	804.92	0
309265	2/5/2024 19:35	2/6/2024 9:00	804.92	0
1453263	2/5/2024 19:36	2/6/2024 9:00	803.32	0
1064575	2/5/2024 19:36	2/6/2024 9:00	803.53	0
1348044	2/5/2024 19:36	2/6/2024 9:00	803.5	0
1412757	2/5/2024 19:36	2/6/2024 9:00	803.5	0
1515733	2/5/2024 19:36	2/6/2024 9:00	803.32	0
1554677	2/5/2024 19:36	2/6/2024 9:00	803.32	0
593798	2/5/2024 19:36	2/6/2024 9:00	803.78	0
346288	2/5/2024 19:36	2/6/2024 9:00	803.92	0
8604423	2/5/2024 19:36	2/5/2024 19:42	6	0

794132	2/5/2024 19:36	2/6/2024 9:00	803.83	0
1347888	2/5/2024 19:36	2/6/2024 9:00	803.5	0
274522	2/5/2024 19:36	2/6/2024 9:00	803.92	0
195666	2/5/2024 19:36	2/6/2024 9:00	803.92	0
1430294	2/5/2024 19:36	2/6/2024 9:00	803.32	0
197561	2/5/2024 19:36	2/6/2024 9:00	803.92	0
658837	2/5/2024 19:36	2/6/2024 8:57	801	0
51483	2/5/2024 19:36	2/6/2024 9:00	803.92	0
646026	2/5/2024 19:36	2/6/2024 9:00	803.78	0
563721	2/5/2024 19:36	2/6/2024 9:00	803.78	0
7194273	2/5/2024 19:36	2/6/2024 9:00	803.32	0
8524544	2/5/2024 19:36	2/6/2024 9:00	803.92	0
1624452	2/5/2024 19:36	2/6/2024 9:00	803.32	0
553863	2/5/2024 19:36	2/6/2024 9:00	803.78	0
196965	2/5/2024 19:36	2/6/2024 9:00	803.92	0
7879030	2/5/2024 19:36	2/6/2024 9:00	803.78	0
415131	2/5/2024 19:36	2/6/2024 9:00	803.78	0
927251	2/5/2024 19:36	2/6/2024 9:00	803.83	0
1430644	2/5/2024 19:36	2/6/2024 9:00	803.32	0
328113	2/5/2024 19:37	2/6/2024 9:00	802.92	0
1461583	2/5/2024 19:37	2/6/2024 9:00	802.32	0
315169	2/5/2024 19:37	2/6/2024 9:00	802.92	0
265864	2/5/2024 19:37	2/6/2024 9:00	802.92	0
560588	2/5/2024 19:37	2/6/2024 9:00	802.78	0
1190246	2/5/2024 19:37	2/6/2024 9:00	802.5	0
418876	2/5/2024 19:37	2/6/2024 9:00	802.78	0
1546695	2/5/2024 19:37	2/6/2024 9:00	802.32	0
574596	2/5/2024 19:37	2/6/2024 9:00	802.78	0
314945	2/5/2024 19:37	2/6/2024 8:56	799	0
8590289	2/5/2024 19:37	2/6/2024 9:00	802.78	0
957615	2/5/2024 19:37	2/6/2024 9:00	802.53	0
454861	2/5/2024 19:37	2/6/2024 9:00	802.78	0
454901	2/5/2024 19:37	2/6/2024 9:00	802.78	0
1556486	2/5/2024 19:37	2/6/2024 9:00	802.32	0
1378128	2/5/2024 19:37	2/6/2024 9:00	802.5	0
1351069	2/5/2024 19:37	2/6/2024 9:00	802.5	0
1555376	2/5/2024 19:37	2/6/2024 9:00	802.32	0
70866	2/5/2024 19:37	2/6/2024 9:00	802.92	0
801004	2/5/2024 19:37	2/6/2024 9:00	802.83	0
1524033	2/5/2024 19:37	2/6/2024 9:00	802.32	0
1432940	2/5/2024 19:37	2/6/2024 8:24	767	0
328408	2/5/2024 19:37	2/6/2024 9:00	802.92	0
1538577	2/5/2024 19:37	2/6/2024 9:00	802.32	0
8486022	2/5/2024 19:37	2/6/2024 9:00	802.32	0
1430838	2/5/2024 19:37	2/6/2024 9:00	802.32	0
456099	2/5/2024 19:37	2/6/2024 9:00	802.78	0
663228	2/5/2024 19:37	2/6/2024 9:00	802.83	0

1551510	2/5/2024 19:37	2/6/2024 9:00	802.32	0
1466357	2/5/2024 19:37	2/6/2024 9:00	802.32	0
8495802	2/5/2024 19:37	2/6/2024 9:00	802.32	0
980870	2/5/2024 19:37	2/6/2024 9:00	802.53	0
1557676	2/5/2024 19:37	2/6/2024 9:00	802.32	0
793690	2/5/2024 19:37	2/6/2024 9:00	802.83	0
1549376	2/5/2024 19:37	2/6/2024 9:00	802.32	0
353651	2/5/2024 19:37	2/6/2024 9:00	802.92	0
817825	2/5/2024 19:37	2/6/2024 9:00	802.83	0
507365	2/5/2024 19:37	2/6/2024 9:00	802.78	0
449377	2/5/2024 19:37	2/5/2024 19:53	16	0
417158	2/5/2024 19:37	2/6/2024 9:00	802.78	0
1557303	2/5/2024 19:37	2/6/2024 9:00	802.32	0
619266	2/5/2024 19:38	2/6/2024 9:00	801.78	0
1431996	2/5/2024 19:38	2/6/2024 9:00	801.32	0
1467272	2/5/2024 19:38	2/6/2024 8:09	751	0
1347024	2/5/2024 19:38	2/6/2024 9:00	801.5	0
342796	2/5/2024 19:38	2/6/2024 9:00	801.92	0
266010	2/5/2024 19:38	2/6/2024 9:00	801.92	0
207058	2/5/2024 19:38	2/6/2024 9:00	801.92	0
196408	2/5/2024 19:38	2/6/2024 9:00	801.92	0
553755	2/5/2024 19:38	2/6/2024 9:00	801.78	0
29748	2/5/2024 19:38	2/6/2024 9:00	801.92	0
318402	2/5/2024 19:38	2/6/2024 9:00	801.92	0
1456419	2/5/2024 19:38	2/6/2024 9:00	801.32	0
26921	2/5/2024 19:38	2/6/2024 9:00	801.92	0
456048	2/5/2024 19:38	2/6/2024 9:00	801.78	0
1557100	2/5/2024 19:38	2/6/2024 9:00	801.32	0
1685329	2/5/2024 19:38	2/6/2024 9:00	801.5	0
34613	2/5/2024 19:38	2/6/2024 9:00	801.92	0
1523524	2/5/2024 19:38	2/6/2024 9:00	801.32	0
551972	2/5/2024 19:38	2/6/2024 9:00	801.78	0
645144	2/5/2024 19:38	2/6/2024 9:00	801.78	0
1376158	2/5/2024 19:38	2/6/2024 8:01	743	0
12377908	2/5/2024 19:38	2/6/2024 9:00	801.92	0
926505	2/5/2024 19:38	2/6/2024 9:00	801.83	0
10013697	2/5/2024 19:38	2/6/2024 9:00	801.32	0
495335	2/5/2024 19:38	2/6/2024 9:00	801.78	0
314188	2/5/2024 19:38	2/6/2024 9:00	801.92	0
523489	2/5/2024 19:38	2/6/2024 9:00	801.92	0
26864	2/5/2024 19:38	2/6/2024 9:00	801.92	0
817260	2/5/2024 19:38	2/6/2024 9:00	801.83	0
21306	2/5/2024 19:38	2/6/2024 9:00	801.92	0
12378019	2/5/2024 19:38	2/6/2024 9:00	801.92	0
1702936	2/5/2024 19:38	2/6/2024 9:00	801.5	0
1550815	2/5/2024 19:38	2/6/2024 9:00	801.32	0
660265	2/5/2024 19:38	2/6/2024 9:00	801.83	0

793737	2/5/2024 19:38	2/6/2024 9:00	801.83	0
1350598	2/5/2024 19:38	2/6/2024 9:00	801.5	0
8104722	2/5/2024 19:38	2/6/2024 9:00	801.92	0
6995795	2/5/2024 19:38	2/6/2024 9:00	801.78	0
552210	2/5/2024 19:38	2/6/2024 9:00	801.78	0
1672454	2/5/2024 19:38	2/6/2024 9:00	801.78	0
1349502	2/5/2024 19:38	2/6/2024 9:00	801.5	0
1432509	2/5/2024 19:38	2/6/2024 9:00	801.32	0
455629	2/5/2024 19:39	2/6/2024 9:00	800.78	0
1683861	2/5/2024 19:39	2/6/2024 9:00	800.92	0
1466445	2/5/2024 19:39	2/6/2024 7:53	734	0
645339	2/5/2024 19:39	2/6/2024 9:00	800.78	0
567126	2/5/2024 19:39	2/6/2024 9:00	800.78	0
34832	2/5/2024 19:39	2/6/2024 9:00	800.92	0
1433348	2/5/2024 19:39	2/6/2024 8:25	766	0
1385122	2/5/2024 19:39	2/6/2024 9:00	800.5	0
4173986	2/5/2024 19:39	2/6/2024 9:00	800.92	0
664453	2/5/2024 19:39	2/6/2024 9:00	800.83	0
315346	2/5/2024 19:39	2/6/2024 9:00	800.92	0
381982	2/5/2024 19:39	2/6/2024 9:00	800.78	0
509233	2/5/2024 19:39	2/6/2024 9:00	800.78	0
1511264	2/5/2024 19:39	2/6/2024 9:00	800.32	0
29635	2/5/2024 19:39	2/6/2024 9:00	800.92	0
8910809	2/5/2024 19:39	2/6/2024 9:00	800.78	0
489481	2/5/2024 19:39	2/6/2024 9:00	800.78	0
8387677	2/5/2024 19:39	2/6/2024 9:00	800.92	0
508593	2/5/2024 19:39	2/6/2024 9:00	800.78	0
495611	2/5/2024 19:39	2/6/2024 9:00	800.78	0
1462990	2/5/2024 19:40	2/6/2024 9:00	799.32	0
1494722	2/5/2024 19:40	2/6/2024 9:00	799.5	0
10510361	2/5/2024 19:40	2/6/2024 9:00	799.92	0
1421188	2/5/2024 19:40	2/6/2024 9:00	799.5	0
315345	2/5/2024 19:40	2/6/2024 9:00	799.92	0
792391	2/5/2024 19:40	2/6/2024 9:00	799.83	0
1556243	2/5/2024 19:40	2/6/2024 9:00	799.32	0
445867	2/5/2024 19:40	2/6/2024 9:00	799.78	0
1516786	2/5/2024 19:40	2/6/2024 9:00	799.32	0
451783	2/5/2024 19:40	2/6/2024 9:00	799.78	0
29848	2/5/2024 19:40	2/6/2024 9:00	799.92	0
321287	2/5/2024 19:40	2/6/2024 9:00	799.92	0
34905	2/5/2024 19:40	2/6/2024 8:59	799	0
1385431	2/5/2024 19:40	2/6/2024 9:00	799.5	0
1074779	2/5/2024 19:40	2/6/2024 9:00	799.78	0
323747	2/5/2024 19:40	2/6/2024 9:00	799.92	0
197883	2/5/2024 19:40	2/6/2024 9:00	799.92	0
564518	2/5/2024 19:40	2/6/2024 9:00	799.78	0
197356	2/5/2024 19:41	2/6/2024 9:00	798.92	0

21820	2/5/2024 19:41	2/6/2024 9:00	798.92	0
353082	2/5/2024 19:41	2/6/2024 9:00	798.92	0
1511251	2/5/2024 19:41	2/6/2024 9:00	798.32	0
279833	2/5/2024 19:41	2/6/2024 9:00	798.92	0
274125	2/5/2024 19:41	2/6/2024 9:00	798.92	0
1555268	2/5/2024 19:41	2/6/2024 9:00	798.32	0
281235	2/5/2024 19:41	2/6/2024 9:00	798.92	0
275018	2/5/2024 19:41	2/6/2024 9:00	798.92	0
8734029	2/5/2024 19:41	2/6/2024 9:00	798.32	0
1403562	2/5/2024 19:41	2/6/2024 9:00	798.5	0
1539391	2/5/2024 19:41	2/6/2024 9:00	798.32	0
1346671	2/5/2024 19:41	2/6/2024 9:00	798.5	0
315730	2/5/2024 19:41	2/6/2024 9:00	798.92	0
1573666	2/5/2024 19:41	2/6/2024 9:00	798.32	0
1417138	2/5/2024 19:41	2/6/2024 9:00	798.5	0
1450250	2/5/2024 19:41	2/6/2024 9:00	798.32	0
1556246	2/5/2024 19:41	2/6/2024 9:00	798.32	0
1349083	2/5/2024 19:41	2/6/2024 9:00	798.5	0
455345	2/5/2024 19:41	2/6/2024 9:00	798.78	0
1576533	2/5/2024 19:42	2/6/2024 9:00	797.32	0
549370	2/5/2024 19:42	2/6/2024 9:00	797.78	0
320966	2/5/2024 19:42	2/6/2024 9:00	797.92	0
1554218	2/5/2024 19:42	2/6/2024 9:00	797.32	0
275495	2/5/2024 19:42	2/6/2024 9:00	797.92	0
274059	2/5/2024 19:42	2/6/2024 9:00	797.92	0
324249	2/5/2024 19:42	2/6/2024 9:00	797.92	0
1430553	2/5/2024 19:42	2/6/2024 9:00	797.32	0
6761269	2/5/2024 19:42	2/6/2024 9:00	797.92	0
10691024	2/5/2024 19:42	2/5/2024 19:43	1	0
1547843	2/5/2024 19:42	2/6/2024 9:00	797.32	0
1584264	2/5/2024 19:42	2/6/2024 9:00	797.32	0
1416360	2/5/2024 19:42	2/6/2024 9:00	797.5	0
587455	2/5/2024 19:42	2/6/2024 9:00	797.78	0
8604423	2/5/2024 19:42	2/5/2024 19:47	5	0
1375227	2/5/2024 19:42	2/6/2024 8:03	741	0
1465282	2/5/2024 19:42	2/6/2024 8:13	751	0
627289	2/5/2024 19:42	2/6/2024 9:00	797.78	0
1251782	2/5/2024 19:42	2/6/2024 9:00	797.83	0
1549436	2/5/2024 19:42	2/6/2024 9:00	797.32	0
511266	2/5/2024 19:42	2/6/2024 9:00	797.78	0
859747	2/5/2024 19:42	2/6/2024 9:00	797.83	0
624716	2/5/2024 19:42	2/6/2024 9:00	797.78	0
1552154	2/5/2024 19:42	2/6/2024 9:00	797.32	0
1310926	2/5/2024 19:42	2/6/2024 9:00	797.5	0
309944	2/5/2024 19:43	2/6/2024 9:00	796.92	0
1547692	2/5/2024 19:43	2/6/2024 9:00	796.32	0
317084	2/5/2024 19:43	2/6/2024 9:00	796.92	0

313269	2/5/2024 19:43	2/6/2024 9:00	796.92	0
1493132	2/5/2024 19:43	2/6/2024 7:58	735	0
30471	2/5/2024 19:43	2/6/2024 9:00	796.92	0
68620	2/5/2024 19:43	2/6/2024 9:00	796.92	0
1348976	2/5/2024 19:43	2/6/2024 9:00	796.5	0
1351588	2/5/2024 19:43	2/6/2024 9:00	796.5	0
1405290	2/5/2024 19:43	2/6/2024 9:00	796.5	0
10691024	2/5/2024 19:43	2/5/2024 19:50	7	0
353371	2/5/2024 19:43	2/6/2024 9:00	796.92	0
561672	2/5/2024 19:43	2/6/2024 9:00	796.78	0
6714863	2/5/2024 19:43	2/6/2024 9:00	796.83	0
10393495	2/5/2024 19:43	2/6/2024 9:00	796.92	0
1556434	2/5/2024 19:43	2/6/2024 9:00	796.32	0
27483	2/5/2024 19:43	2/6/2024 9:00	796.92	0
34887	2/5/2024 19:43	2/6/2024 9:00	796.92	0
1464949	2/5/2024 19:43	2/6/2024 9:00	796.32	0
1406535	2/5/2024 19:43	2/6/2024 9:00	796.5	0
8148103	2/5/2024 19:44	2/6/2024 9:00	795.92	0
729928	2/5/2024 19:44	2/6/2024 9:00	795.83	0
8950281	2/5/2024 19:44	2/6/2024 9:00	795.92	0
7178975	2/5/2024 19:44	2/6/2024 9:00	795.92	0
315306	2/5/2024 19:44	2/6/2024 9:00	795.92	0
1348130	2/5/2024 19:44	2/6/2024 9:00	795.5	0
399291	2/5/2024 19:44	2/6/2024 9:00	795.78	0
308032	2/5/2024 19:44	2/6/2024 9:00	795.92	0
1641091	2/5/2024 19:44	2/6/2024 9:00	795.32	0
346967	2/5/2024 19:44	2/6/2024 9:00	795.92	0
198082	2/5/2024 19:44	2/6/2024 9:00	795.92	0
8068454	2/5/2024 19:44	2/6/2024 9:00	795.78	0
569554	2/5/2024 19:44	2/6/2024 9:00	795.78	0
562346	2/5/2024 19:44	2/6/2024 9:00	795.78	0
562856	2/5/2024 19:44	2/6/2024 9:00	795.78	0
9063373	2/5/2024 19:44	2/6/2024 9:00	795.5	0
1394365	2/5/2024 19:44	2/6/2024 9:00	795.5	0
446329	2/5/2024 19:45	2/6/2024 9:00	794.78	0
380057	2/5/2024 19:45	2/6/2024 9:00	794.78	0
1081237	2/5/2024 19:45	2/6/2024 9:00	794.9	0
455994	2/5/2024 19:45	2/6/2024 9:00	794.78	0
10659831	2/5/2024 19:45	2/6/2024 9:00	794.32	0
457729	2/5/2024 19:45	2/6/2024 9:00	794.78	0
197629	2/5/2024 19:45	2/6/2024 9:00	794.92	0
323657	2/5/2024 19:46	2/6/2024 9:00	793.92	0
413869	2/5/2024 19:46	2/6/2024 9:00	793.9	0
1503507	2/5/2024 19:46	2/6/2024 9:00	793.5	0
345647	2/5/2024 19:46	2/6/2024 9:00	793.92	0
11081884	2/5/2024 19:46	2/6/2024 9:00	793.92	0
125572	2/5/2024 19:46	2/6/2024 9:00	793.92	0

49209	2/5/2024 19:46	2/6/2024 9:00	793.92	0
1472045	2/5/2024 19:46	2/6/2024 9:00	793.32	0
316997	2/5/2024 19:46	2/6/2024 9:00	793.92	0
196653	2/5/2024 19:46	2/6/2024 9:00	793.92	0
1375642	2/5/2024 19:47	2/6/2024 9:00	792.5	0
189581	2/5/2024 19:47	2/6/2024 9:00	792.92	0
51957	2/5/2024 19:47	2/6/2024 9:00	792.92	0
308622	2/5/2024 19:47	2/6/2024 9:00	792.92	0
8604423	2/5/2024 19:47	2/5/2024 20:24	37	0
276488	2/5/2024 19:47	2/6/2024 9:00	792.92	0
308802	2/5/2024 19:47	2/6/2024 9:00	792.92	0
642003	2/5/2024 19:48	2/6/2024 9:00	791.78	0
457978	2/5/2024 19:48	2/6/2024 9:00	791.78	0
1551513	2/5/2024 19:48	2/6/2024 9:00	791.32	0
35442	2/5/2024 19:48	2/6/2024 9:00	791.92	0
267537	2/5/2024 19:48	2/6/2024 9:00	791.92	0
324045	2/5/2024 19:49	2/6/2024 9:00	790.92	0
69207	2/5/2024 19:49	2/6/2024 9:00	790.92	0
356505	2/5/2024 19:49	2/6/2024 9:00	790.78	0
27443	2/5/2024 19:49	2/6/2024 9:00	790.92	0
10691024	2/5/2024 19:50	2/5/2024 19:51	1	0
10691024	2/5/2024 19:51	2/5/2024 20:10	19	0
449377	2/5/2024 19:53	2/5/2024 20:39	46	0
188639	2/5/2024 19:53	2/6/2024 8:55	782	0
10691024	2/5/2024 20:10	2/5/2024 20:11	1	0
10691024	2/5/2024 20:11	2/6/2024 9:00	768.9	0
1461375	2/5/2024 20:20	2/6/2024 9:00	759.32	0
24124	2/5/2024 20:21	2/6/2024 8:59	758	0
8604423	2/5/2024 20:24	2/5/2024 21:00	36	0
449377	2/5/2024 20:39	2/5/2024 21:05	26	0
1394324	2/5/2024 20:42	2/6/2024 9:00	737.5	0
353728	2/5/2024 20:57	2/6/2024 9:00	722.92	0
8604423	2/5/2024 21:00	2/5/2024 21:21	21	0
449377	2/5/2024 21:05	2/5/2024 21:52	47	0
791361	2/5/2024 21:19	2/6/2024 9:00	700.83	0
8604423	2/5/2024 21:21	2/5/2024 21:53	32	0
449377	2/5/2024 21:52	2/5/2024 23:06	74	0
8604423	2/5/2024 21:53	2/5/2024 22:14	21	0
8604423	2/5/2024 22:14	2/5/2024 23:33	79	0
27852	2/5/2024 22:23	2/6/2024 9:00	636.92	0
449377	2/5/2024 23:06	2/6/2024 0:35	89	0
8604423	2/5/2024 23:33	2/5/2024 23:54	21	0
8604423	2/5/2024 23:54	2/5/2024 23:59	5	0
8604423	2/5/2024 23:59	2/6/2024 0:36	37	0
449377	2/6/2024 0:35	2/6/2024 1:59	84	0
8604423	2/6/2024 0:36	2/6/2024 1:48	72	0
8604423	2/6/2024 1:48	2/6/2024 2:00	12	0

449377	2/6/2024 1:59	2/6/2024 4:15	136	0
8604423	2/6/2024 2:00	2/6/2024 2:42	42	0
8604423	2/6/2024 2:42	2/6/2024 2:52	10	0
8604423	2/6/2024 2:52	2/6/2024 3:45	53	0
8604423	2/6/2024 3:45	2/6/2024 6:01	136	0
449377	2/6/2024 4:15	2/6/2024 4:26	11	0
449377	2/6/2024 4:26	2/6/2024 5:50	84	0
449377	2/6/2024 5:50	2/6/2024 6:06	16	0
8604423	2/6/2024 6:01	2/6/2024 6:06	5	0
449377	2/6/2024 6:06	2/6/2024 6:53	47	0
8604423	2/6/2024 6:06	2/6/2024 8:28	142	0
449377	2/6/2024 6:53	2/6/2024 8:12	79	0
1466445	2/6/2024 7:53	2/6/2024 9:00	66.32	0
347230	2/6/2024 7:57	2/6/2024 9:00	62.92	0
1493132	2/6/2024 7:58	2/6/2024 9:00	61.5	0
1376158	2/6/2024 8:01	2/6/2024 9:00	58.5	0
1272457	2/6/2024 8:01	2/6/2024 9:00	58.5	0
1375227	2/6/2024 8:03	2/6/2024 9:00	56.5	0
1444809	2/6/2024 8:08	2/6/2024 9:00	51.32	0
1466638	2/6/2024 8:08	2/6/2024 9:00	51.32	0
1467272	2/6/2024 8:09	2/6/2024 9:00	50.32	0
1445317	2/6/2024 8:10	2/6/2024 9:00	49.32	0
1463680	2/6/2024 8:10	2/6/2024 9:00	49.32	0
1463520	2/6/2024 8:11	2/6/2024 9:00	48.32	0
449377	2/6/2024 8:12	2/6/2024 8:27	15	0
1654064	2/6/2024 8:13	2/6/2024 9:00	46.53	0
1465282	2/6/2024 8:13	2/6/2024 9:00	46.32	0
1432940	2/6/2024 8:24	2/6/2024 9:00	35.32	0
1433348	2/6/2024 8:25	2/6/2024 9:00	34.32	0
449377	2/6/2024 8:27	2/6/2024 9:00	32.78	0
8604423	2/6/2024 8:28	2/6/2024 9:00	31.78	0
8511623	2/6/2024 8:38	2/6/2024 9:00	21.92	0
317195	2/6/2024 8:52	2/6/2024 9:00	7.92	0
188639	2/6/2024 8:55	2/6/2024 9:00	4.92	0
314945	2/6/2024 8:56	2/6/2024 9:00	3.92	0
658837	2/6/2024 8:57	2/6/2024 9:00	2.83	0
25674	2/6/2024 8:57	2/6/2024 9:00	2.92	0
34905	2/6/2024 8:59	2/6/2024 9:00	0.92	0
24124	2/6/2024 8:59	2/6/2024 9:00	0.92	0
561757	2/6/2024 9:00	2/6/2024 19:36	636	0
1288420	2/6/2024 9:00	2/6/2024 10:06	66	0
1702895	2/6/2024 9:00	2/7/2024 9:00	1439.5	0
1513541	2/6/2024 9:00	2/7/2024 9:00	1439.32	0
1672454	2/6/2024 9:00	2/6/2024 19:38	638	0
1333801	2/6/2024 9:00	2/6/2024 11:36	156	0
1680798	2/6/2024 9:00	2/7/2024 9:00	1439.92	0
558031	2/6/2024 9:00	2/6/2024 19:36	636	0

1377303	2/6/2024 9:00	2/6/2024 10:11	71	0
6761269	2/6/2024 9:00	2/6/2024 10:14	74	0
574993	2/6/2024 9:00	2/6/2024 11:09	129	0
315346	2/6/2024 9:00	2/6/2024 19:35	635	0
1552447	2/6/2024 9:00	2/7/2024 9:00	1439.32	0
275018	2/6/2024 9:00	2/6/2024 19:36	636	0
10222019	2/6/2024 9:00	2/7/2024 9:00	1439.5	0
945898	2/6/2024 9:00	2/7/2024 9:00	1439.83	0
8766703	2/6/2024 9:00	2/7/2024 9:00	1439.53	0
447406	2/6/2024 9:00	2/6/2024 14:52	352	0
1704044	2/6/2024 9:00	2/7/2024 0:14	914	0
8668965	2/6/2024 9:00	2/6/2024 11:37	157	0
1453263	2/6/2024 9:00	2/6/2024 11:11	131	0
280780	2/6/2024 9:00	2/7/2024 9:00	1439.92	0
675499	2/6/2024 9:00	2/6/2024 19:30	630	0
51957	2/6/2024 9:00	2/6/2024 19:47	647	0
7194273	2/6/2024 9:00	2/7/2024 9:00	1439.32	0
353728	2/6/2024 9:00	2/7/2024 9:00	1439.92	0
195666	2/6/2024 9:00	2/6/2024 10:04	64	0
1349032	2/6/2024 9:00	2/7/2024 9:00	1439.5	0
9993412	2/6/2024 9:00	2/7/2024 9:00	1439.78	0
1552990	2/6/2024 9:00	2/7/2024 9:00	1439.32	0
1516786	2/6/2024 9:00	2/7/2024 9:00	1439.32	0
8495802	2/6/2024 9:01	2/6/2024 19:41	640	3.08
342796	2/6/2024 9:01	2/6/2024 14:26	325	0.08
574596	2/6/2024 9:02	2/6/2024 11:37	155	0
1466638	2/6/2024 9:06	2/6/2024 10:21	75	0
1422300	2/6/2024 9:06	2/7/2024 9:00	1433.5	0
1432940	2/6/2024 9:06	2/6/2024 19:36	630	0
1433348	2/6/2024 9:07	2/6/2024 19:42	635	0
1516579	2/6/2024 9:07	2/6/2024 10:52	105	0
1348731	2/6/2024 9:07	2/7/2024 9:00	1432.5	0
554089	2/6/2024 9:07	2/7/2024 9:00	1432.78	0
8950281	2/6/2024 9:07	2/6/2024 19:42	635	0
1394324	2/6/2024 9:07	2/6/2024 10:36	89	0
125572	2/6/2024 9:07	2/6/2024 10:56	109	0
509233	2/6/2024 9:07	2/6/2024 10:11	64	0
317195	2/6/2024 9:08	2/6/2024 10:26	78	0
319279	2/6/2024 9:08	2/7/2024 9:00	1431.92	0
1081237	2/6/2024 9:09	2/6/2024 19:44	635.3	0
562202	2/6/2024 9:09	2/6/2024 15:43	394	0
1445317	2/6/2024 9:10	2/6/2024 19:35	625	0
1465282	2/6/2024 9:10	2/6/2024 19:43	633	0
1654064	2/6/2024 9:11	2/6/2024 19:13	602	0
314945	2/6/2024 9:11	2/6/2024 19:43	632	2.06
1444809	2/6/2024 9:11	2/6/2024 19:32	621	1.95
1466445	2/6/2024 9:12	2/6/2024 19:44	632	0

1375227	2/6/2024 9:16	2/6/2024 15:43	387	0
347230	2/6/2024 9:16	2/6/2024 19:34	618	0
1493132	2/6/2024 9:17	2/6/2024 15:45	388	4.51
980398	2/6/2024 9:18	2/6/2024 11:45	147	0
624628	2/6/2024 9:20	2/6/2024 19:39	619	0
627018	2/6/2024 9:21	2/6/2024 19:35	614	0.34
627289	2/6/2024 9:21	2/6/2024 19:42	621	0
11081884	2/6/2024 9:22	2/6/2024 11:37	135	0
1321605	2/6/2024 9:22	2/6/2024 11:54	152	0
971524	2/6/2024 9:23	2/6/2024 19:38	615	0
8387677	2/6/2024 9:23	2/6/2024 15:13	350	0
624953	2/6/2024 9:24	2/6/2024 19:33	609	0
325050	2/6/2024 9:25	2/6/2024 19:33	608	0
188639	2/6/2024 9:26	2/6/2024 10:14	48	0
1393699	2/6/2024 9:28	2/6/2024 19:36	608	0.73
25674	2/6/2024 9:28	2/6/2024 10:16	48	0
1272457	2/6/2024 9:30	2/6/2024 11:46	136	0
1494722	2/6/2024 9:30	2/6/2024 19:44	614	2.47
1430644	2/6/2024 9:31	2/6/2024 11:47	136	0.33
315169	2/6/2024 9:32	2/6/2024 10:03	31	0
315730	2/6/2024 9:32	2/6/2024 10:04	32	0
314188	2/6/2024 9:33	2/6/2024 10:04	31	0
7178975	2/6/2024 9:36	2/6/2024 10:02	26	0
1641091	2/6/2024 9:36	2/6/2024 11:55	139	0.29
658837	2/6/2024 9:38	2/6/2024 15:09	331	0.02
1551513	2/6/2024 9:38	2/6/2024 14:21	283	0
317084	2/6/2024 9:38	2/6/2024 19:47	609	0
318402	2/6/2024 9:38	2/6/2024 19:42	604	0
317233	2/6/2024 9:38	2/6/2024 19:33	595	0.79
8104722	2/6/2024 9:38	2/6/2024 19:42	604	0
523489	2/6/2024 9:38	2/6/2024 19:39	601	1.35
10013697	2/6/2024 9:39	2/6/2024 14:22	283	0
664453	2/6/2024 9:39	2/6/2024 19:37	598	0
315345	2/6/2024 9:39	2/6/2024 19:37	598	0
317797	2/6/2024 9:40	2/6/2024 19:39	599	0
10510361	2/6/2024 9:40	2/6/2024 19:39	599	0
314899	2/6/2024 9:40	2/6/2024 19:38	598	0
1430838	2/6/2024 9:45	2/6/2024 11:45	120	0
1523524	2/6/2024 9:45	2/6/2024 11:57	132	0.55
1430553	2/6/2024 9:47	2/6/2024 11:47	120	0
51483	2/6/2024 9:47	2/6/2024 19:37	590	0
455629	2/6/2024 9:47	2/6/2024 10:50	63	0
274522	2/6/2024 9:48	2/6/2024 19:40	592	2.1
457978	2/6/2024 9:49	2/6/2024 10:52	63	0
9063373	2/6/2024 9:49	2/6/2024 19:48	599	0
626477	2/6/2024 9:49	2/6/2024 10:21	32	0
454901	2/6/2024 9:49	2/6/2024 10:52	63	0.09

457729	2/6/2024 9:50	2/6/2024 10:48	58	0
454861	2/6/2024 9:50	2/6/2024 16:22	392	0.8
1394365	2/6/2024 9:50	2/6/2024 19:43	593	0
281235	2/6/2024 9:50	2/6/2024 19:39	589	0
4173986	2/6/2024 9:50	2/6/2024 19:43	593	0
1547686	2/6/2024 9:51	2/6/2024 14:24	273	0
500173	2/6/2024 9:51	2/6/2024 19:34	583	9.37
279833	2/6/2024 9:51	2/6/2024 19:38	587	0
1547843	2/6/2024 9:52	2/6/2024 14:22	270	0.64
624716	2/6/2024 9:52	2/6/2024 10:24	32	0
1265778	2/6/2024 9:52	2/6/2024 19:33	581	0
456099	2/6/2024 9:52	2/6/2024 10:50	58	0
455345	2/6/2024 9:52	2/6/2024 10:55	63	0
276488	2/6/2024 9:52	2/6/2024 19:44	592	1.67
10393495	2/6/2024 9:53	2/6/2024 19:45	592	0
1549436	2/6/2024 9:53	2/6/2024 14:24	271	0
1549376	2/6/2024 9:53	2/6/2024 14:25	272	0
275495	2/6/2024 9:53	2/6/2024 19:40	587	0
1320008	2/6/2024 9:54	2/6/2024 11:55	121	0
1547692	2/6/2024 9:54	2/6/2024 14:22	268	0
1378141	2/6/2024 9:55	2/6/2024 19:38	583	1.36
1377844	2/6/2024 9:55	2/6/2024 19:43	588	0
498070	2/6/2024 9:56	2/6/2024 19:39	583	0
455994	2/6/2024 9:57	2/6/2024 19:48	591	0.97
29635	2/6/2024 9:57	2/6/2024 10:29	32	0
1417138	2/6/2024 9:59	2/6/2024 19:38	579	0
49209	2/6/2024 10:01	2/6/2024 19:44	583	0
1430294	2/6/2024 10:02	2/6/2024 11:48	106	0
7178975	2/6/2024 10:02	2/6/2024 11:47	105	0.48
1412757	2/6/2024 10:02	2/6/2024 11:47	105	0
315169	2/6/2024 10:03	2/6/2024 11:48	105	0
195666	2/6/2024 10:04	2/6/2024 10:36	32	0
315730	2/6/2024 10:04	2/6/2024 11:49	105	0.47
314188	2/6/2024 10:04	2/6/2024 11:49	105	0
47769	2/6/2024 10:04	2/6/2024 19:35	571	0
320966	2/6/2024 10:04	2/6/2024 19:43	579	0
196408	2/6/2024 10:05	2/6/2024 11:40	95	0
197883	2/6/2024 10:06	2/6/2024 11:40	94	0
1288420	2/6/2024 10:06	2/6/2024 10:12	6	0
195839	2/6/2024 10:06	2/6/2024 11:40	94	0
1604432	2/6/2024 10:06	2/6/2024 19:43	577	1.4
605186	2/6/2024 10:07	2/6/2024 19:44	577	0
601397	2/6/2024 10:07	2/6/2024 15:22	315	0
646026	2/6/2024 10:07	2/6/2024 14:09	242	0
793690	2/6/2024 10:08	2/6/2024 10:24	16	0
1320845	2/6/2024 10:08	2/7/2024 9:00	1371.5	0.13
1515733	2/6/2024 10:08	2/6/2024 14:06	238	1.9

1664433	2/6/2024 10:08	2/6/2024 12:21	133	0
197629	2/6/2024 10:08	2/6/2024 11:37	89	0
8486022	2/6/2024 10:09	2/6/2024 19:42	573	0
1190246	2/6/2024 10:09	2/6/2024 19:34	565	0
1377393	2/6/2024 10:10	2/6/2024 19:42	572	0
510974	2/6/2024 10:10	2/6/2024 11:39	89	0
1377303	2/6/2024 10:11	2/6/2024 19:40	569	0
553863	2/6/2024 10:11	2/6/2024 14:08	237	0
509233	2/6/2024 10:11	2/6/2024 14:11	240	0
1288420	2/6/2024 10:12	2/6/2024 10:22	10	0
34905	2/6/2024 10:12	2/6/2024 10:28	16	0
1446401	2/6/2024 10:13	2/6/2024 19:35	562	0
346288	2/6/2024 10:13	2/6/2024 14:30	257	0
345647	2/6/2024 10:13	2/6/2024 14:30	257	0
346347	2/6/2024 10:13	2/6/2024 19:50	577	0
344958	2/6/2024 10:13	2/6/2024 19:45	572	0.19
24124	2/6/2024 10:13	2/6/2024 10:44	31	0
353651	2/6/2024 10:13	2/7/2024 9:00	1366.92	0
1376158	2/6/2024 10:14	2/6/2024 19:39	565	0
345957	2/6/2024 10:14	2/6/2024 19:43	569	1.43
547577	2/6/2024 10:14	2/6/2024 19:41	567	1.61
6761269	2/6/2024 10:14	2/6/2024 14:29	255	0
346135	2/6/2024 10:14	2/6/2024 19:45	571	0
188639	2/6/2024 10:14	2/6/2024 10:29	15	0.05
346967	2/6/2024 10:15	2/6/2024 14:27	252	2.03
353371	2/6/2024 10:15	2/7/2024 9:00	1364.92	0
997397	2/6/2024 10:16	2/6/2024 11:35	79	0
25674	2/6/2024 10:16	2/6/2024 10:26	10	0
1416360	2/6/2024 10:18	2/6/2024 19:44	566	0
274059	2/6/2024 10:18	2/6/2024 19:39	561	0
449377	2/6/2024 10:18	2/6/2024 11:42	84	0
860281	2/6/2024 10:19	2/6/2024 11:38	79	0
726904	2/6/2024 10:19	2/7/2024 9:00	1360.83	0
449036	2/6/2024 10:20	2/6/2024 11:50	90	0.36
1414392	2/6/2024 10:20	2/6/2024 19:36	556	0
1535397	2/6/2024 10:20	2/6/2024 11:49	89	0
1415828	2/6/2024 10:20	2/6/2024 19:36	556	0
623871	2/6/2024 10:20	2/6/2024 10:51	31	0
1555268	2/6/2024 10:21	2/6/2024 14:23	242	0
626477	2/6/2024 10:21	2/6/2024 10:52	31	0
623612	2/6/2024 10:21	2/6/2024 10:52	31	0
1466638	2/6/2024 10:21	2/6/2024 10:35	14	0
198082	2/6/2024 10:21	2/6/2024 10:52	31	0
274125	2/6/2024 10:21	2/6/2024 19:44	563	0
609850	2/6/2024 10:22	2/6/2024 10:54	32	0
1309098	2/6/2024 10:22	2/6/2024 19:34	552	1.98
6714863	2/6/2024 10:22	2/6/2024 19:43	561	0.23

197561	2/6/2024 10:22	2/6/2024 11:35	73	0
1288420	2/6/2024 10:22	2/6/2024 10:27	5	0
510307	2/6/2024 10:22	2/6/2024 11:41	79	0
623069	2/6/2024 10:23	2/6/2024 10:49	26	0
1535304	2/6/2024 10:23	2/6/2024 11:53	90	0
1683861	2/6/2024 10:23	2/6/2024 14:27	244	0.17
956968	2/6/2024 10:23	2/6/2024 14:09	226	0
316997	2/6/2024 10:23	2/6/2024 19:44	561	0
511266	2/6/2024 10:24	2/6/2024 11:38	74	0
610737	2/6/2024 10:24	2/6/2024 10:55	31	0
793690	2/6/2024 10:24	2/6/2024 19:37	553	0
954332	2/6/2024 10:24	2/6/2024 19:28	544	0
859747	2/6/2024 10:24	2/6/2024 11:38	74	0
624716	2/6/2024 10:24	2/6/2024 10:50	26	0
1310926	2/6/2024 10:24	2/6/2024 19:42	558	0
26864	2/6/2024 10:25	2/6/2024 10:56	31	0
507365	2/6/2024 10:25	2/6/2024 11:39	74	0
1073095	2/6/2024 10:25	2/6/2024 10:56	31	0
8148103	2/6/2024 10:26	2/6/2024 19:47	561	0
317195	2/6/2024 10:26	2/6/2024 15:58	332	0
790670	2/6/2024 10:26	2/6/2024 19:32	546	0
25674	2/6/2024 10:26	2/6/2024 10:42	16	0
793285	2/6/2024 10:26	2/6/2024 19:32	546	0
315306	2/6/2024 10:26	2/6/2024 19:47	561	0.97
1288420	2/6/2024 10:27	2/6/2024 10:38	11	0
664030	2/6/2024 10:27	2/6/2024 10:32	5	0
954637	2/6/2024 10:28	2/6/2024 19:29	541	0
34905	2/6/2024 10:28	2/6/2024 10:44	16	0
188639	2/6/2024 10:29	2/6/2024 10:45	16	0.05
29635	2/6/2024 10:29	2/6/2024 11:00	31	0
1020565	2/6/2024 10:29	2/6/2024 10:44	15	0
189581	2/6/2024 10:29	2/6/2024 10:45	16	0
664030	2/6/2024 10:32	2/6/2024 10:42	10	0
70866	2/6/2024 10:33	2/6/2024 12:53	140	0
1466638	2/6/2024 10:35	2/6/2024 10:51	16	0
1394324	2/6/2024 10:36	2/6/2024 10:52	16	0
1550815	2/6/2024 10:36	2/6/2024 14:21	225	0
195666	2/6/2024 10:36	2/6/2024 10:52	16	0
324045	2/6/2024 10:36	2/6/2024 19:47	551	0.11
1939790	2/6/2024 10:36	2/6/2024 14:21	225	4.4
10659831	2/6/2024 10:36	2/6/2024 19:48	552	0
1417279	2/6/2024 10:36	2/6/2024 11:35	59	0
1551510	2/6/2024 10:38	2/6/2024 14:23	225	0
1288420	2/6/2024 10:38	2/6/2024 10:43	5	0
1511251	2/6/2024 10:39	2/6/2024 19:38	539	0
645339	2/6/2024 10:40	2/6/2024 14:07	207	0
1546695	2/6/2024 10:40	2/6/2024 14:24	224	0

955448	2/6/2024 10:40	2/6/2024 14:10	210	0
1511264	2/6/2024 10:40	2/6/2024 19:39	539	0.1
645144	2/6/2024 10:41	2/6/2024 14:09	208	1.08
1466357	2/6/2024 10:41	2/6/2024 19:31	530	0
1407632	2/6/2024 10:41	2/6/2024 19:32	531	0
34613	2/6/2024 10:41	2/6/2024 10:57	16	0
25066	2/6/2024 10:41	2/6/2024 14:58	257	0
664030	2/6/2024 10:42	2/6/2024 10:48	6	0
35442	2/6/2024 10:42	2/6/2024 11:02	20	0
25674	2/6/2024 10:42	2/6/2024 19:42	540	0
1288420	2/6/2024 10:43	2/6/2024 10:54	11	0
1407881	2/6/2024 10:44	2/6/2024 19:35	531	0
34905	2/6/2024 10:44	2/6/2024 10:59	15	0
24124	2/6/2024 10:44	2/6/2024 11:01	17	0
1020565	2/6/2024 10:44	2/6/2024 11:42	58	0
413869	2/6/2024 10:44	2/6/2024 12:59	135	0
23566	2/6/2024 10:44	2/6/2024 14:56	252	0
34887	2/6/2024 10:45	2/6/2024 11:00	15	0
23462	2/6/2024 10:45	2/6/2024 11:01	16	0
1407628	2/6/2024 10:45	2/7/2024 9:00	1334.5	0
189581	2/6/2024 10:45	2/6/2024 10:55	10	0
1407947	2/6/2024 10:45	2/6/2024 19:33	528	0
418291	2/6/2024 10:45	2/6/2024 13:06	141	0
188639	2/6/2024 10:45	2/6/2024 17:11	386	1.2
1375642	2/6/2024 10:45	2/6/2024 19:49	544	0
561672	2/6/2024 10:46	2/6/2024 11:34	48	0
34832	2/6/2024 10:46	2/6/2024 10:56	10	0
353082	2/6/2024 10:46	2/7/2024 9:00	1333.92	0
416557	2/6/2024 10:46	2/6/2024 13:03	137	0
664030	2/6/2024 10:48	2/7/2024 9:00	1331.83	0
457729	2/6/2024 10:48	2/6/2024 11:35	47	0
623069	2/6/2024 10:49	2/6/2024 11:05	16	0
456099	2/6/2024 10:50	2/6/2024 11:37	47	0
455629	2/6/2024 10:50	2/6/2024 11:32	42	0
1624452	2/6/2024 10:50	2/6/2024 11:47	57	0
197690	2/6/2024 10:50	2/6/2024 11:37	47	0
1019446	2/6/2024 10:50	2/6/2024 11:00	10	0
624716	2/6/2024 10:50	2/6/2024 11:06	16	0
623871	2/6/2024 10:51	2/6/2024 11:07	16	0
1466638	2/6/2024 10:51	2/6/2024 11:07	16	0
1394324	2/6/2024 10:52	2/6/2024 20:45	593	0
508593	2/6/2024 10:52	2/6/2024 11:38	46	0
193420	2/6/2024 10:52	2/7/2024 9:00	1327.92	0
457978	2/6/2024 10:52	2/6/2024 11:34	42	0
195666	2/6/2024 10:52	2/6/2024 11:23	31	0
1516579	2/6/2024 10:52	2/6/2024 10:57	5	0
626477	2/6/2024 10:52	2/6/2024 11:08	16	0

553755	2/6/2024 10:52	2/6/2024 19:41	529	0
454901	2/6/2024 10:52	2/6/2024 11:34	42	0.17
623612	2/6/2024 10:52	2/6/2024 11:08	16	0
198082	2/6/2024 10:52	2/6/2024 11:08	16	0
1332906	2/6/2024 10:53	2/6/2024 11:36	43	0
224277	2/6/2024 10:53	2/6/2024 11:09	16	0
1288420	2/6/2024 10:54	2/6/2024 10:59	5	0
609850	2/6/2024 10:54	2/6/2024 11:41	47	0
610737	2/6/2024 10:55	2/6/2024 11:42	47	0
189581	2/6/2024 10:55	2/6/2024 19:46	531	0
455345	2/6/2024 10:55	2/6/2024 11:36	41	0
656498	2/6/2024 10:55	2/6/2024 19:32	517	0
660265	2/6/2024 10:55	2/6/2024 19:39	524	0
125572	2/6/2024 10:56	2/6/2024 19:46	530	0.65
26864	2/6/2024 10:56	2/6/2024 14:58	242	0
1073095	2/6/2024 10:56	2/6/2024 11:38	42	0
34832	2/6/2024 10:56	2/6/2024 11:30	34	0
27443	2/6/2024 10:57	2/6/2024 19:47	530	0.02
552210	2/6/2024 10:57	2/6/2024 19:35	518	0
1516579	2/6/2024 10:57	2/6/2024 14:11	194	0
957216	2/6/2024 10:57	2/6/2024 14:11	194	0
26921	2/6/2024 10:57	2/6/2024 19:36	519	0.25
34613	2/6/2024 10:57	2/6/2024 19:42	525	0.04
34905	2/6/2024 10:59	2/6/2024 19:44	525	0.38
27852	2/6/2024 10:59	2/6/2024 16:35	336	0
980132	2/6/2024 10:59	2/6/2024 11:46	47	0
27483	2/6/2024 10:59	2/6/2024 19:44	525	0
1288420	2/6/2024 10:59	2/6/2024 11:04	5	0
29848	2/6/2024 10:59	2/6/2024 19:44	525	1.06
1019446	2/6/2024 11:00	2/6/2024 11:42	42	0
34887	2/6/2024 11:00	2/6/2024 11:27	27	0
28509	2/6/2024 11:00	2/6/2024 19:35	515	0
29635	2/6/2024 11:00	2/6/2024 19:35	515	0
24124	2/6/2024 11:01	2/6/2024 19:45	524	0
30471	2/6/2024 11:01	2/6/2024 20:31	570	0
23462	2/6/2024 11:01	2/6/2024 19:37	516	0
259674	2/6/2024 11:02	2/6/2024 19:36	514	0
1672784	2/6/2024 11:02	2/6/2024 11:07	5	0
35442	2/6/2024 11:02	2/6/2024 11:27	25	0
1583853	2/6/2024 11:02	2/6/2024 12:05	63	0
29748	2/6/2024 11:02	2/6/2024 19:38	516	0
1556434	2/6/2024 11:02	2/6/2024 11:07	5	0
430114	2/6/2024 11:03	2/6/2024 11:32	29	0
1288420	2/6/2024 11:04	2/6/2024 11:09	5	0
1556352	2/6/2024 11:04	2/6/2024 11:36	32	0.22
926657	2/6/2024 11:05	2/6/2024 14:19	194	0
1421188	2/6/2024 11:05	2/6/2024 11:37	32	0

623069	2/6/2024 11:05	2/6/2024 14:51	226	0
281056	2/6/2024 11:05	2/6/2024 19:40	515	0.64
197356	2/6/2024 11:05	2/6/2024 11:37	32	0
1556565	2/6/2024 11:05	2/6/2024 11:36	31	0
624716	2/6/2024 11:06	2/6/2024 19:37	511	0
1556486	2/6/2024 11:06	2/6/2024 11:32	26	0
266950	2/6/2024 11:06	2/6/2024 19:37	511	0
196965	2/6/2024 11:06	2/6/2024 11:37	31	0
267367	2/6/2024 11:06	2/6/2024 19:45	519	0
1557188	2/6/2024 11:06	2/6/2024 11:48	42	0
1584264	2/6/2024 11:06	2/6/2024 11:37	31	0
793737	2/6/2024 11:06	2/6/2024 14:26	200	0
1554218	2/6/2024 11:06	2/6/2024 11:48	42	0
623871	2/6/2024 11:07	2/6/2024 14:55	228	0
1556434	2/6/2024 11:07	2/6/2024 11:33	26	0
1672784	2/6/2024 11:07	2/7/2024 9:00	1312.78	0.25
1557303	2/6/2024 11:07	2/6/2024 11:48	41	0
267537	2/6/2024 11:07	2/6/2024 19:43	516	0
267439	2/6/2024 11:07	2/6/2024 19:42	515	0
1466638	2/6/2024 11:07	2/6/2024 11:38	31	0
127206	2/6/2024 11:07	2/7/2024 9:00	1312.92	0
324290	2/6/2024 11:07	2/6/2024 15:09	242	0
65553	2/6/2024 11:07	2/7/2024 9:00	1312.92	0
1093833	2/6/2024 11:07	2/6/2024 11:39	32	0
567126	2/6/2024 11:08	2/6/2024 11:40	32	0
801004	2/6/2024 11:08	2/6/2024 14:23	195	0
623612	2/6/2024 11:08	2/6/2024 14:54	226	0
1685329	2/6/2024 11:08	2/6/2024 19:37	509	0
626477	2/6/2024 11:08	2/6/2024 19:32	504	0
1446785	2/6/2024 11:08	2/6/2024 19:44	516	1.01
794132	2/6/2024 11:08	2/6/2024 14:26	198	0
198082	2/6/2024 11:08	2/6/2024 11:39	31	0
564518	2/6/2024 11:09	2/6/2024 11:40	31	0
1456419	2/6/2024 11:09	2/6/2024 14:22	193	0
791361	2/6/2024 11:09	2/6/2024 14:23	194	0
800600	2/6/2024 11:09	2/6/2024 14:24	195	0
574993	2/6/2024 11:09	2/6/2024 11:15	6	0
224277	2/6/2024 11:09	2/6/2024 14:24	195	0
1288420	2/6/2024 11:09	2/6/2024 11:20	11	0
8068454	2/6/2024 11:09	2/6/2024 11:19	10	0
195163	2/6/2024 11:10	2/6/2024 11:21	11	0
7879030	2/6/2024 11:10	2/6/2024 19:34	504	0
800590	2/6/2024 11:10	2/6/2024 14:23	193	0
380057	2/6/2024 11:11	2/6/2024 19:45	514	0
793937	2/6/2024 11:11	2/6/2024 14:25	194	0
1453263	2/6/2024 11:11	2/6/2024 14:22	191	0
1393633	2/6/2024 11:12	2/6/2024 19:36	504	2.79

800588	2/6/2024 11:12	2/6/2024 14:24	192	0
10433250	2/6/2024 11:12	2/6/2024 19:31	499	1.68
381338	2/6/2024 11:12	2/6/2024 19:40	508	0
1564723	2/6/2024 11:13	2/6/2024 14:12	179	0
1566872	2/6/2024 11:14	2/6/2024 14:17	183	0
380736	2/6/2024 11:14	2/6/2024 19:31	497	0
8910809	2/6/2024 11:14	2/6/2024 19:38	504	0
574993	2/6/2024 11:15	2/6/2024 11:36	21	0
8068454	2/6/2024 11:19	2/6/2024 19:43	504	0
1288420	2/6/2024 11:20	2/6/2024 11:25	5	0
65245	2/6/2024 11:20	2/6/2024 12:20	60	0
195163	2/6/2024 11:21	2/6/2024 14:24	183	0
1554677	2/6/2024 11:21	2/6/2024 14:24	183	0
193791	2/6/2024 11:22	2/6/2024 11:38	16	0
1508563	2/6/2024 11:22	2/6/2024 19:35	493	0
1555376	2/6/2024 11:22	2/6/2024 14:26	184	0
195666	2/6/2024 11:23	2/6/2024 19:37	494	0
1511532	2/6/2024 11:25	2/6/2024 19:39	494	0.59
1288420	2/6/2024 11:25	2/6/2024 11:36	11	0
7932279	2/6/2024 11:26	2/6/2024 14:39	193	0
34887	2/6/2024 11:27	2/6/2024 19:40	493	0
35442	2/6/2024 11:27	2/6/2024 19:47	500	0
34832	2/6/2024 11:30	2/6/2024 19:43	493	0
562727	2/6/2024 11:31	2/6/2024 14:19	168	0
1556486	2/6/2024 11:32	2/6/2024 11:48	16	0
430114	2/6/2024 11:32	2/6/2024 11:48	16	0
563721	2/6/2024 11:32	2/6/2024 14:20	168	0
455629	2/6/2024 11:32	2/6/2024 11:48	16	0
68620	2/6/2024 11:33	2/6/2024 12:19	46	0
1556434	2/6/2024 11:33	2/6/2024 11:49	16	0
561672	2/6/2024 11:34	2/6/2024 14:16	162	0
69207	2/6/2024 11:34	2/6/2024 12:21	47	0
454901	2/6/2024 11:34	2/6/2024 11:50	16	0.05
457978	2/6/2024 11:34	2/6/2024 11:50	16	0
1417279	2/6/2024 11:35	2/6/2024 19:31	476	0
197561	2/6/2024 11:35	2/6/2024 14:55	200	0.82
997397	2/6/2024 11:35	2/6/2024 11:45	10	0
457729	2/6/2024 11:35	2/6/2024 11:51	16	0
1332906	2/6/2024 11:36	2/6/2024 13:20	104	0.1
506261	2/6/2024 11:36	2/6/2024 11:52	16	0
574993	2/6/2024 11:36	2/6/2024 11:41	5	0
1556565	2/6/2024 11:36	2/6/2024 11:47	11	0
1333801	2/6/2024 11:36	2/6/2024 13:21	105	0
455345	2/6/2024 11:36	2/6/2024 11:52	16	0
1556352	2/6/2024 11:36	2/6/2024 11:47	11	0.06
1288420	2/6/2024 11:36	2/6/2024 11:41	5	0
197356	2/6/2024 11:37	2/6/2024 14:25	168	0

8668965	2/6/2024 11:37	2/6/2024 11:53	16	0
11081884	2/6/2024 11:37	2/6/2024 14:21	164	0
196965	2/6/2024 11:37	2/6/2024 14:23	166	0.18
197629	2/6/2024 11:37	2/6/2024 14:24	167	1.09
1584264	2/6/2024 11:37	2/6/2024 12:21	44	0
574596	2/6/2024 11:37	2/6/2024 11:52	15	0
328408	2/6/2024 11:37	2/6/2024 11:53	16	0.04
456099	2/6/2024 11:37	2/6/2024 11:53	16	0
197690	2/6/2024 11:37	2/6/2024 14:20	163	0
1421188	2/6/2024 11:37	2/6/2024 19:45	488	0
193791	2/6/2024 11:38	2/6/2024 14:21	163	0
511266	2/6/2024 11:38	2/6/2024 11:54	16	0
508593	2/6/2024 11:38	2/6/2024 11:54	16	0
1073095	2/6/2024 11:38	2/6/2024 11:54	16	0
1466638	2/6/2024 11:38	2/6/2024 13:08	90	0
860281	2/6/2024 11:38	2/6/2024 12:20	42	0
859747	2/6/2024 11:38	2/6/2024 12:22	44	0
510974	2/6/2024 11:39	2/6/2024 11:55	16	0
1093833	2/6/2024 11:39	2/6/2024 12:11	32	0
507365	2/6/2024 11:39	2/6/2024 11:55	16	0
609437	2/6/2024 11:39	2/6/2024 19:37	478	0
198082	2/6/2024 11:39	2/6/2024 14:54	195	0
609757	2/6/2024 11:40	2/7/2024 9:00	1279.78	0
564518	2/6/2024 11:40	2/6/2024 12:12	32	0
195839	2/6/2024 11:40	2/6/2024 14:22	162	0
611761	2/6/2024 11:40	2/7/2024 9:00	1279.78	0
567126	2/6/2024 11:40	2/6/2024 12:11	31	0
196408	2/6/2024 11:40	2/6/2024 14:22	162	0
197883	2/6/2024 11:40	2/6/2024 14:23	163	0
574993	2/6/2024 11:41	2/6/2024 11:51	10	0
609850	2/6/2024 11:41	2/6/2024 11:57	16	0
510307	2/6/2024 11:41	2/6/2024 11:51	10	0
196653	2/6/2024 11:41	2/6/2024 14:24	163	0
194491	2/6/2024 11:41	2/6/2024 14:24	163	0
1288420	2/6/2024 11:41	2/6/2024 11:52	11	0
1020565	2/6/2024 11:42	2/6/2024 12:28	46	0
1019446	2/6/2024 11:42	2/6/2024 12:30	48	0
610737	2/6/2024 11:42	2/6/2024 11:58	16	0
449377	2/6/2024 11:42	2/6/2024 12:24	42	0
587455	2/6/2024 11:43	2/6/2024 19:36	473	0
425936	2/6/2024 11:43	2/6/2024 14:34	171	0
428179	2/6/2024 11:44	2/6/2024 14:32	168	0
169731	2/6/2024 11:44	2/7/2024 9:00	1275.92	0
174362	2/6/2024 11:44	2/7/2024 9:00	1275.92	0
399291	2/6/2024 11:45	2/6/2024 19:43	478	0
1430838	2/6/2024 11:45	2/6/2024 14:33	168	0
980398	2/6/2024 11:45	2/6/2024 12:08	23	0

997397	2/6/2024 11:45	2/6/2024 14:34	169	0
980132	2/6/2024 11:46	2/6/2024 13:45	119	0
817260	2/6/2024 11:46	2/6/2024 14:29	163	0
1272457	2/6/2024 11:46	2/6/2024 16:30	284	0
1412757	2/6/2024 11:47	2/6/2024 12:33	46	0
1556565	2/6/2024 11:47	2/6/2024 12:48	61	0
1430553	2/6/2024 11:47	2/6/2024 14:35	168	0.73
1430644	2/6/2024 11:47	2/6/2024 14:33	166	0.1
1624452	2/6/2024 11:47	2/6/2024 12:16	29	0
1556352	2/6/2024 11:47	2/6/2024 12:50	63	0.16
7178975	2/6/2024 11:47	2/6/2024 14:35	168	0.07
444688	2/6/2024 11:47	2/7/2024 9:00	1272.78	0
1251782	2/6/2024 11:47	2/6/2024 14:30	163	0
756553	2/6/2024 11:47	2/7/2024 9:00	1272.78	0
10691024	2/6/2024 11:47	2/6/2024 14:13	146	0
1556486	2/6/2024 11:48	2/6/2024 12:48	60	0
315169	2/6/2024 11:48	2/6/2024 14:35	167	0
1430294	2/6/2024 11:48	2/6/2024 14:34	166	0
1554218	2/6/2024 11:48	2/6/2024 12:50	62	0
430114	2/6/2024 11:48	2/6/2024 12:08	20	0
455629	2/6/2024 11:48	2/6/2024 16:23	275	0
1557188	2/6/2024 11:48	2/6/2024 12:49	61	0
1557303	2/6/2024 11:48	2/6/2024 12:50	62	0
1556434	2/6/2024 11:49	2/6/2024 12:47	58	0
1464949	2/6/2024 11:49	2/6/2024 14:37	168	0
1535397	2/6/2024 11:49	2/6/2024 15:04	195	0
315730	2/6/2024 11:49	2/6/2024 14:34	165	0
314188	2/6/2024 11:49	2/6/2024 14:32	163	0
1543287	2/6/2024 11:49	2/6/2024 19:36	467	0
449036	2/6/2024 11:50	2/6/2024 13:03	73	0.06
457978	2/6/2024 11:50	2/6/2024 16:22	272	0
454901	2/6/2024 11:50	2/6/2024 16:22	272	0.27
510307	2/6/2024 11:51	2/6/2024 12:23	32	0
574993	2/6/2024 11:51	2/6/2024 11:57	6	0
1463218	2/6/2024 11:51	2/6/2024 14:34	163	0
457729	2/6/2024 11:51	2/6/2024 16:18	267	0
68308	2/6/2024 11:51	2/6/2024 13:53	122	0
455345	2/6/2024 11:52	2/6/2024 16:20	268	0
574596	2/6/2024 11:52	2/6/2024 12:07	15	0
506261	2/6/2024 11:52	2/6/2024 12:23	31	0
1288420	2/6/2024 11:52	2/6/2024 11:57	5	0
1535304	2/6/2024 11:53	2/6/2024 13:35	102	0
328408	2/6/2024 11:53	2/6/2024 12:25	32	0
8668965	2/6/2024 11:53	2/6/2024 12:24	31	0
456099	2/6/2024 11:53	2/6/2024 16:19	266	0
508593	2/6/2024 11:54	2/6/2024 12:28	34	0
511266	2/6/2024 11:54	2/6/2024 12:22	28	0

1073095	2/6/2024 11:54	2/6/2024 13:39	105	0
1321605	2/6/2024 11:54	2/6/2024 12:52	58	0
1641091	2/6/2024 11:55	2/6/2024 12:11	16	0
510974	2/6/2024 11:55	2/6/2024 12:21	26	0
1320008	2/6/2024 11:55	2/6/2024 12:53	58	0
507365	2/6/2024 11:55	2/6/2024 12:25	30	0
1518000	2/6/2024 11:56	2/6/2024 12:07	11	0
1523524	2/6/2024 11:57	2/6/2024 12:23	26	0
574993	2/6/2024 11:57	2/6/2024 12:07	10	0
609850	2/6/2024 11:57	2/6/2024 13:42	105	0.36
1288420	2/6/2024 11:57	2/6/2024 12:07	10	0
610737	2/6/2024 11:58	2/6/2024 13:43	105	0
408663	2/6/2024 12:02	2/6/2024 14:03	121	0
1366197	2/6/2024 12:02	2/6/2024 12:07	5	0
593366	2/6/2024 12:02	2/6/2024 14:14	132	0
411053	2/6/2024 12:03	2/6/2024 15:03	180	0
593397	2/6/2024 12:04	2/6/2024 14:15	131	0
411436	2/6/2024 12:04	2/6/2024 14:04	120	0
352652	2/6/2024 12:05	2/7/2024 9:00	1254.92	0
1583853	2/6/2024 12:05	2/6/2024 13:18	73	0
593798	2/6/2024 12:06	2/6/2024 14:17	131	0
397349	2/6/2024 12:06	2/6/2024 12:16	10	0
1517291	2/6/2024 12:06	2/6/2024 19:54	468	0
574993	2/6/2024 12:07	2/6/2024 12:13	6	0
574596	2/6/2024 12:07	2/6/2024 14:07	120	0
1366197	2/6/2024 12:07	2/7/2024 9:00	1252.5	0
1518000	2/6/2024 12:07	2/6/2024 14:25	138	0
1288420	2/6/2024 12:07	2/6/2024 12:13	6	0
67738	2/6/2024 12:07	2/7/2024 9:00	1252.92	0
430114	2/6/2024 12:08	2/7/2024 9:00	1251.78	0
980398	2/6/2024 12:08	2/6/2024 12:29	21	0
567126	2/6/2024 12:11	2/6/2024 14:28	137	0
348328	2/6/2024 12:11	2/7/2024 9:00	1248.92	0
1093833	2/6/2024 12:11	2/6/2024 14:27	136	0
1641091	2/6/2024 12:11	2/6/2024 14:22	131	0
564518	2/6/2024 12:12	2/6/2024 14:23	131	0
574993	2/6/2024 12:13	2/6/2024 12:23	10	0
1288420	2/6/2024 12:13	2/6/2024 12:23	10	0
397349	2/6/2024 12:16	2/6/2024 19:45	449	0
1624452	2/6/2024 12:16	2/6/2024 15:20	184	0
68620	2/6/2024 12:19	2/6/2024 13:48	89	0
65245	2/6/2024 12:20	2/7/2024 8:20	1200	0
860281	2/6/2024 12:20	2/6/2024 16:06	226	0
1664433	2/6/2024 12:21	2/6/2024 14:38	137	0
510974	2/6/2024 12:21	2/6/2024 14:07	106	0
327311	2/6/2024 12:21	2/7/2024 9:00	1238.92	0
69207	2/6/2024 12:21	2/6/2024 13:51	90	0

1584264	2/6/2024 12:21	2/6/2024 14:22	121	0
859747	2/6/2024 12:22	2/6/2024 16:07	225	0
511266	2/6/2024 12:22	2/6/2024 14:23	121	0
1568853	2/6/2024 12:22	2/7/2024 9:00	1237.92	0
1516997	2/6/2024 12:22	2/7/2024 9:00	1237.32	0
1517747	2/6/2024 12:22	2/7/2024 9:00	1237.32	0
574993	2/6/2024 12:23	2/6/2024 12:28	5	0
506261	2/6/2024 12:23	2/6/2024 14:09	106	0
1517239	2/6/2024 12:23	2/7/2024 9:00	1236.32	0
330528	2/6/2024 12:23	2/6/2024 16:50	267	0
792391	2/6/2024 12:23	2/6/2024 19:37	434	0
1288420	2/6/2024 12:23	2/6/2024 12:28	5	0
1523524	2/6/2024 12:23	2/6/2024 14:23	120	0
510307	2/6/2024 12:23	2/6/2024 14:23	120	0
8668965	2/6/2024 12:24	2/7/2024 9:00	1235.78	0
449377	2/6/2024 12:24	2/6/2024 13:06	42	0
507365	2/6/2024 12:25	2/6/2024 14:25	120	0
13912	2/6/2024 12:25	2/6/2024 15:20	175	0
328408	2/6/2024 12:25	2/6/2024 19:35	430	0
1516432	2/6/2024 12:26	2/7/2024 9:00	1233.32	0.01
574993	2/6/2024 12:28	2/6/2024 13:37	69	0
508593	2/6/2024 12:28	2/6/2024 14:24	116	0
1020565	2/6/2024 12:28	2/6/2024 14:17	109	0
1288420	2/6/2024 12:28	2/6/2024 14:21	113	0
1064575	2/6/2024 12:28	2/6/2024 14:29	121	0
1064514	2/6/2024 12:29	2/6/2024 14:30	121	0
980398	2/6/2024 12:29	2/6/2024 13:48	79	0
1019446	2/6/2024 12:30	2/6/2024 13:45	75	0
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1412757	2/6/2024 12:33	2/6/2024 16:03	210	0
580808	2/6/2024 12:35	2/6/2024 14:20	105	0
14239	2/6/2024 12:37	2/6/2024 15:20	163	0
11435788	2/6/2024 12:38	2/6/2024 15:20	162	0
975066	2/6/2024 12:39	2/6/2024 19:39	420	0
352962	2/6/2024 12:45	2/7/2024 9:00	1214.92	0
352964	2/6/2024 12:45	2/7/2024 9:00	1214.92	0
1556434	2/6/2024 12:47	2/6/2024 14:05	78	0
1556565	2/6/2024 12:48	2/6/2024 14:01	73	0
1556486	2/6/2024 12:48	2/6/2024 14:02	74	0
450309	2/6/2024 12:48	2/6/2024 19:32	404	0
1557188	2/6/2024 12:49	2/6/2024 13:47	58	0
1557303	2/6/2024 12:50	2/6/2024 13:48	58	0
1554218	2/6/2024 12:50	2/6/2024 13:52	62	0
1556352	2/6/2024 12:50	2/6/2024 14:19	89	0
1321605	2/6/2024 12:52	2/6/2024 13:39	47	0
1320008	2/6/2024 12:53	2/6/2024 14:11	78	0
67122	2/6/2024 12:53	2/7/2024 9:00	1206.92	0

70866	2/6/2024 12:53	2/6/2024 14:07	74	0
413869	2/6/2024 12:59	2/7/2024 9:00	1200.9	0
381982	2/6/2024 13:01	2/6/2024 19:39	398	0
449036	2/6/2024 13:03	2/6/2024 14:06	63	0.15
416557	2/6/2024 13:03	2/6/2024 14:32	89	0
1514677	2/6/2024 13:03	2/6/2024 13:29	26	0
449377	2/6/2024 13:06	2/6/2024 13:21	15	0
418291	2/6/2024 13:06	2/7/2024 9:00	1193.78	0
1466638	2/6/2024 13:08	2/6/2024 14:05	57	0
1583853	2/6/2024 13:18	2/7/2024 9:00	1181.32	0
1332906	2/6/2024 13:20	2/6/2024 14:23	63	0
204963	2/6/2024 13:21	2/7/2024 9:00	1178.92	0
449377	2/6/2024 13:21	2/6/2024 13:42	21	0
1333801	2/6/2024 13:21	2/6/2024 14:08	47	0
204700	2/6/2024 13:24	2/7/2024 9:00	1175.92	0
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914462	2/6/2024 13:36	2/7/2024 9:00	1163.83	0
113628	2/6/2024 13:36	2/7/2024 9:00	1163.92	0
916441	2/6/2024 13:37	2/7/2024 9:00	1162.83	0
574993	2/6/2024 13:37	2/6/2024 13:42	5	0
1321605	2/6/2024 13:39	2/6/2024 14:11	32	0
1073095	2/6/2024 13:39	2/6/2024 14:10	31	0
658642	2/6/2024 13:41	2/6/2024 19:33	352	0.18
574993	2/6/2024 13:42	2/6/2024 13:52	10	0
449377	2/6/2024 13:42	2/6/2024 14:03	21	0
609850	2/6/2024 13:42	2/6/2024 14:08	26	0
610737	2/6/2024 13:43	2/6/2024 14:09	26	0
980132	2/6/2024 13:45	2/6/2024 14:47	62	0
1019446	2/6/2024 13:45	2/6/2024 14:01	16	0
1557188	2/6/2024 13:47	2/6/2024 15:06	79	0
68620	2/6/2024 13:48	2/6/2024 19:45	357	0
1557303	2/6/2024 13:48	2/6/2024 15:01	73	0
980398	2/6/2024 13:48	2/6/2024 14:30	42	0
69207	2/6/2024 13:51	2/6/2024 19:48	357	0
1554218	2/6/2024 13:52	2/6/2024 15:11	79	0
574993	2/6/2024 13:52	2/6/2024 13:58	6	0
68308	2/6/2024 13:53	2/6/2024 19:39	346	0
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561758	2/6/2024 13:53	2/6/2024 14:09	16	0
563241	2/6/2024 13:54	2/6/2024 14:17	23	0
574993	2/6/2024 13:58	2/6/2024 14:08	10	0
1019446	2/6/2024 14:01	2/6/2024 14:17	16	0
1556565	2/6/2024 14:01	2/6/2024 14:17	16	0
1556486	2/6/2024 14:02	2/6/2024 14:17	15	0
1573666	2/6/2024 14:02	2/6/2024 14:12	10	0

449377	2/6/2024 14:03	2/6/2024 14:19	16	0
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411436	2/6/2024 14:04	2/6/2024 19:35	331	0
1538577	2/6/2024 14:04	2/6/2024 19:40	336	0
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1437071	2/6/2024 14:06	2/6/2024 19:37	331	0
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449036	2/6/2024 14:06	2/6/2024 14:17	11	0
511223	2/6/2024 14:06	2/6/2024 14:22	16	0
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500145	2/6/2024 14:07	2/6/2024 14:22	15	0
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645339	2/6/2024 14:07	2/6/2024 14:23	16	0
226207	2/6/2024 14:08	2/7/2024 9:00	1131.92	0
553863	2/6/2024 14:08	2/6/2024 19:39	331	0
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224426	2/6/2024 14:08	2/7/2024 9:00	1131.92	0
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574993	2/6/2024 14:08	2/6/2024 14:13	5	0
224479	2/6/2024 14:08	2/7/2024 9:00	1131.92	0
1472045	2/6/2024 14:08	2/6/2024 19:50	342	0
1333801	2/6/2024 14:08	2/6/2024 14:24	16	0
646026	2/6/2024 14:09	2/6/2024 14:24	15	0
645144	2/6/2024 14:09	2/6/2024 19:40	331	0
610737	2/6/2024 14:09	2/6/2024 15:28	79	0
506261	2/6/2024 14:09	2/6/2024 14:24	15	0
224723	2/6/2024 14:09	2/7/2024 9:00	1130.92	0
561758	2/6/2024 14:09	2/6/2024 15:54	105	0
1539391	2/6/2024 14:09	2/6/2024 19:44	335	0
562856	2/6/2024 14:09	2/6/2024 15:54	105	0
956968	2/6/2024 14:09	2/6/2024 15:28	79	0
223128	2/6/2024 14:09	2/7/2024 9:00	1130.92	0
223032	2/6/2024 14:10	2/7/2024 9:00	1129.92	0
1073095	2/6/2024 14:10	2/6/2024 15:24	74	0
955448	2/6/2024 14:10	2/6/2024 14:57	47	0
957216	2/6/2024 14:11	2/6/2024 14:59	48	0
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1321605	2/6/2024 14:11	2/6/2024 14:26	15	0

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223338	2/6/2024 14:11	2/7/2024 9:00	1128.92	0
356505	2/6/2024 14:12	2/6/2024 14:28	16	0
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574993	2/6/2024 14:13	2/6/2024 14:24	11	0
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1019446	2/6/2024 14:17	2/6/2024 14:32	15	0
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1556486	2/6/2024 14:17	2/6/2024 15:05	48	0
1020565	2/6/2024 14:17	2/6/2024 14:27	10	0
449036	2/6/2024 14:17	2/6/2024 14:32	15	0
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1556352	2/6/2024 14:19	2/6/2024 15:06	47	0
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197690	2/6/2024 14:20	2/6/2024 14:37	17	0
580808	2/6/2024 14:20	2/6/2024 19:30	310	0
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1556434	2/6/2024 14:21	2/6/2024 15:03	42	0
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1547692	2/6/2024 14:22	2/6/2024 19:42	320	0
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10013697	2/6/2024 14:22	2/6/2024 14:54	32	0
634044	2/6/2024 14:22	2/6/2024 19:37	315	0

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500322	2/6/2024 14:22	2/6/2024 14:37	15	0
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1641091	2/6/2024 14:22	2/6/2024 14:38	16	0
1453263	2/6/2024 14:22	2/6/2024 14:38	16	0
634779	2/6/2024 14:22	2/6/2024 19:42	320	0
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511223	2/6/2024 14:22	2/6/2024 14:38	16	0
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1515733	2/6/2024 14:22	2/6/2024 14:37	15	0
801004	2/6/2024 14:23	2/6/2024 14:54	31	0
791361	2/6/2024 14:23	2/6/2024 14:54	31	0
509102	2/6/2024 14:23	2/6/2024 14:38	15	0
510307	2/6/2024 14:23	2/6/2024 14:39	16	0
1551510	2/6/2024 14:23	2/6/2024 14:55	32	0
1452843	2/6/2024 14:23	2/7/2024 9:00	1116.32	0
800590	2/6/2024 14:23	2/6/2024 14:55	32	0
511266	2/6/2024 14:23	2/6/2024 14:39	16	0
645798	2/6/2024 14:23	2/7/2024 9:00	1116.78	0
1523524	2/6/2024 14:23	2/6/2024 14:39	16	0
645339	2/6/2024 14:23	2/6/2024 15:25	62	0
197883	2/6/2024 14:23	2/6/2024 14:39	16	0
1332906	2/6/2024 14:23	2/6/2024 14:39	16	0
1555268	2/6/2024 14:23	2/6/2024 14:54	31	0
196965	2/6/2024 14:23	2/6/2024 14:39	16	0.02
564518	2/6/2024 14:23	2/6/2024 14:39	16	0
645321	2/6/2024 14:23	2/7/2024 9:00	1116.78	0
14605	2/6/2024 14:23	2/6/2024 15:21	58	0
646026	2/6/2024 14:24	2/6/2024 15:22	58	0
800588	2/6/2024 14:24	2/6/2024 14:56	32	0
1547686	2/6/2024 14:24	2/6/2024 19:39	315	0
1546695	2/6/2024 14:24	2/6/2024 14:40	16	0
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224277	2/6/2024 14:24	2/6/2024 14:39	15	0
10371746	2/6/2024 14:24	2/6/2024 14:40	16	0
197629	2/6/2024 14:24	2/6/2024 14:40	16	0
195163	2/6/2024 14:24	2/6/2024 19:45	321	0
195187	2/6/2024 14:24	2/6/2024 15:37	73	0
574993	2/6/2024 14:24	2/6/2024 14:29	5	0

800600	2/6/2024 14:24	2/6/2024 14:55	31	0
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1554677	2/6/2024 14:24	2/6/2024 14:55	31	0
506261	2/6/2024 14:24	2/6/2024 14:40	16	0.07
507365	2/6/2024 14:25	2/6/2024 14:41	16	0
197356	2/6/2024 14:25	2/6/2024 14:40	15	0
793937	2/6/2024 14:25	2/6/2024 14:57	32	0
1518000	2/6/2024 14:25	2/6/2024 19:38	313	0
1549376	2/6/2024 14:25	2/6/2024 19:39	314	0
15611	2/6/2024 14:25	2/6/2024 15:17	52	0
13876	2/6/2024 14:25	2/6/2024 15:23	58	0
794132	2/6/2024 14:26	2/6/2024 14:53	27	0
1321605	2/6/2024 14:26	2/6/2024 14:42	16	0
1288420	2/6/2024 14:26	2/6/2024 14:37	11	0
1555376	2/6/2024 14:26	2/6/2024 14:52	26	0
793737	2/6/2024 14:26	2/6/2024 14:52	26	0
342796	2/6/2024 14:26	2/6/2024 14:42	16	0
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346967	2/6/2024 14:27	2/6/2024 14:43	16	0
509233	2/6/2024 14:27	2/6/2024 14:37	10	0
1516579	2/6/2024 14:27	2/6/2024 14:37	10	0
1020565	2/6/2024 14:27	2/6/2024 14:43	16	0
1573666	2/6/2024 14:28	2/6/2024 19:38	310	0
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567126	2/6/2024 14:28	2/6/2024 14:38	10	0
6761269	2/6/2024 14:29	2/6/2024 14:45	16	0
574993	2/6/2024 14:29	2/6/2024 14:40	11	0
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817260	2/6/2024 14:29	2/6/2024 14:45	16	0
345647	2/6/2024 14:30	2/6/2024 14:41	11	0
1064514	2/6/2024 14:30	2/6/2024 14:45	15	0
980398	2/6/2024 14:30	2/6/2024 15:33	63	0
346288	2/6/2024 14:30	2/6/2024 14:40	10	0
1251782	2/6/2024 14:30	2/6/2024 14:46	16	0
593366	2/6/2024 14:30	2/6/2024 14:45	15	0
817825	2/6/2024 14:31	2/6/2024 14:46	15	0
449036	2/6/2024 14:32	2/6/2024 14:48	16	0
428179	2/6/2024 14:32	2/6/2024 14:48	16	0
561672	2/6/2024 14:32	2/6/2024 14:48	16	0
416557	2/6/2024 14:32	2/6/2024 14:48	16	0
451783	2/6/2024 14:32	2/6/2024 19:42	310	0
1019446	2/6/2024 14:32	2/6/2024 15:14	42	0.07
314188	2/6/2024 14:32	2/6/2024 14:47	15	0
10691024	2/6/2024 14:33	2/6/2024 14:34	1	0
593798	2/6/2024 14:33	2/6/2024 14:48	15	0
816722	2/6/2024 14:33	2/6/2024 14:49	16	0

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446329	2/6/2024 14:34	2/6/2024 15:06	32	0
425936	2/6/2024 14:34	2/6/2024 14:44	10	0
928438	2/6/2024 14:34	2/7/2024 9:00	1105.83	0
997397	2/6/2024 14:34	2/6/2024 14:49	15	0
10691024	2/6/2024 14:34	2/6/2024 14:53	19	0
9313875	2/6/2024 14:34	2/6/2024 19:39	305	0
1463218	2/6/2024 14:34	2/6/2024 19:28	294	0
11176351	2/6/2024 14:34	2/6/2024 14:49	15	0
7178975	2/6/2024 14:35	2/6/2024 14:50	15	0
449377	2/6/2024 14:35	2/6/2024 14:56	21	0
1459057	2/6/2024 14:35	2/6/2024 19:35	300	0
562727	2/6/2024 14:35	2/6/2024 14:46	11	0
1430553	2/6/2024 14:35	2/6/2024 14:51	16	0
445867	2/6/2024 14:35	2/6/2024 15:07	32	0
315169	2/6/2024 14:35	2/6/2024 14:51	16	0
926638	2/6/2024 14:36	2/7/2024 9:00	1103.83	0
926503	2/6/2024 14:36	2/7/2024 9:00	1103.83	0
593397	2/6/2024 14:36	2/6/2024 14:47	11	0
11081884	2/6/2024 14:36	2/6/2024 19:41	305	0
563721	2/6/2024 14:36	2/6/2024 14:46	10	0
1515733	2/6/2024 14:37	2/6/2024 19:42	305	0
1683861	2/6/2024 14:37	2/6/2024 19:42	305	0
1288420	2/6/2024 14:37	2/6/2024 14:42	5	0
1464949	2/6/2024 14:37	2/6/2024 19:47	310	0
66685	2/6/2024 14:37	2/6/2024 19:42	305	0
510522	2/6/2024 14:37	2/6/2024 19:58	321	0
197690	2/6/2024 14:37	2/6/2024 19:36	299	0
1516579	2/6/2024 14:37	2/6/2024 14:42	5	0
509233	2/6/2024 14:37	2/6/2024 19:42	305	0
500322	2/6/2024 14:37	2/6/2024 19:42	305	0
1456419	2/6/2024 14:37	2/6/2024 19:38	301	0
1466638	2/6/2024 14:37	2/6/2024 19:36	299	0
574596	2/6/2024 14:37	2/6/2024 19:42	305	0
500145	2/6/2024 14:38	2/6/2024 19:37	299	0
510974	2/6/2024 14:38	2/6/2024 19:37	299	0
1584264	2/6/2024 14:38	2/6/2024 19:42	304	0
489481	2/6/2024 14:38	2/6/2024 19:37	299	0
1664433	2/6/2024 14:38	2/6/2024 15:51	73	0
356505	2/6/2024 14:38	2/6/2024 19:48	310	0
1641091	2/6/2024 14:38	2/6/2024 19:48	310	0
509102	2/6/2024 14:38	2/6/2024 19:43	305	0
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1552154	2/6/2024 14:38	2/6/2024 19:46	308	0
567126	2/6/2024 14:38	2/6/2024 19:37	299	0
1320008	2/6/2024 14:38	2/6/2024 19:32	294	0
195839	2/6/2024 14:38	2/6/2024 19:38	300	0
196408	2/6/2024 14:38	2/6/2024 19:37	299	0
1453263	2/6/2024 14:38	2/6/2024 19:37	299	0
564518	2/6/2024 14:39	2/6/2024 19:38	299	0
7932279	2/6/2024 14:39	2/6/2024 19:33	294	0
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196965	2/6/2024 14:39	2/6/2024 19:38	299	0
511266	2/6/2024 14:39	2/6/2024 19:43	304	0
510307	2/6/2024 14:39	2/6/2024 19:33	294	0
224277	2/6/2024 14:39	2/6/2024 19:38	299	0
508593	2/6/2024 14:39	2/6/2024 19:39	300	0
197883	2/6/2024 14:39	2/6/2024 19:38	299	0
1523524	2/6/2024 14:39	2/6/2024 19:38	299	0
1332906	2/6/2024 14:39	2/6/2024 19:28	289	0
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1546695	2/6/2024 14:40	2/6/2024 19:39	299	0
574993	2/6/2024 14:40	2/6/2024 14:45	5	0
346288	2/6/2024 14:40	2/6/2024 19:40	300	0
197629	2/6/2024 14:40	2/6/2024 19:44	304	0
10371746	2/6/2024 14:40	2/6/2024 19:39	299	0
197356	2/6/2024 14:40	2/6/2024 19:40	300	0
519373	2/6/2024 14:40	2/6/2024 19:45	305	0
194491	2/6/2024 14:40	2/6/2024 19:49	309	0
506261	2/6/2024 14:40	2/6/2024 19:39	299	0.05
8590289	2/6/2024 14:40	2/6/2024 19:40	300	0
1333801	2/6/2024 14:40	2/6/2024 19:29	289	0
507365	2/6/2024 14:41	2/6/2024 19:40	299	0
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385332	2/6/2024 14:41	2/6/2024 19:24	283	0
926657	2/6/2024 14:41	2/6/2024 14:51	10	0
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1093833	2/6/2024 14:42	2/6/2024 19:31	289	0
1321605	2/6/2024 14:42	2/6/2024 19:26	284	0
1288420	2/6/2024 14:42	2/6/2024 15:09	27	0
342796	2/6/2024 14:42	2/6/2024 19:36	294	0
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21306	2/6/2024 14:43	2/6/2024 19:41	298	0
346967	2/6/2024 14:43	2/6/2024 19:42	299	0
1020565	2/6/2024 14:43	2/6/2024 14:59	16	0
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817260	2/6/2024 14:45	2/6/2024 19:39	294	0

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6995795	2/6/2024 14:45	2/6/2024 19:38	293	0
574993	2/6/2024 14:45	2/6/2024 14:50	5	0
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1251782	2/6/2024 14:46	2/6/2024 19:45	299	0
563721	2/6/2024 14:46	2/6/2024 19:40	294	0
562727	2/6/2024 14:46	2/6/2024 19:39	293	0.13
817825	2/6/2024 14:46	2/6/2024 19:35	289	0
314188	2/6/2024 14:47	2/6/2024 19:36	289	0
593397	2/6/2024 14:47	2/6/2024 19:41	294	0
980132	2/6/2024 14:47	2/6/2024 19:30	283	0
449036	2/6/2024 14:48	2/6/2024 19:37	289	0
428179	2/6/2024 14:48	2/6/2024 19:31	283	0
561672	2/6/2024 14:48	2/6/2024 19:42	294	0
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1430644	2/6/2024 14:48	2/6/2024 19:42	294	0
593798	2/6/2024 14:48	2/6/2024 19:32	284	0
416557	2/6/2024 14:48	2/6/2024 19:31	283	0
12378019	2/6/2024 14:48	2/6/2024 19:36	288	0
315730	2/6/2024 14:49	2/6/2024 19:43	294	0
1430838	2/6/2024 14:49	2/6/2024 19:43	294	0
8434548	2/6/2024 14:49	2/6/2024 19:38	289	0
816722	2/6/2024 14:49	2/6/2024 19:27	278	0
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11176351	2/6/2024 14:49	2/6/2024 19:38	289	0
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574993	2/6/2024 14:50	2/6/2024 14:55	5	0
1430294	2/6/2024 14:50	2/6/2024 19:38	288	0
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1430553	2/6/2024 14:51	2/6/2024 19:45	294	0
315169	2/6/2024 14:51	2/6/2024 19:34	283	0
265473	2/6/2024 14:51	2/6/2024 19:40	289	0
926657	2/6/2024 14:51	2/6/2024 19:29	278	0
1555376	2/6/2024 14:52	2/6/2024 19:41	289	0
447406	2/6/2024 14:52	2/6/2024 15:44	52	0
70866	2/6/2024 14:52	2/6/2024 19:39	287	0
793737	2/6/2024 14:52	2/6/2024 19:41	289	0
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794132	2/6/2024 14:53	2/6/2024 19:33	280	0
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801004	2/6/2024 14:54	2/6/2024 19:38	284	0
623612	2/6/2024 14:54	2/6/2024 19:37	283	0

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800590	2/6/2024 14:55	2/6/2024 19:33	278	0
237266	2/6/2024 14:55	2/6/2024 19:39	284	0
574993	2/6/2024 14:55	2/6/2024 15:06	11	0
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623871	2/6/2024 14:55	2/6/2024 19:38	283	0
197561	2/6/2024 14:55	2/6/2024 19:38	283	0
800600	2/6/2024 14:55	2/6/2024 19:33	278	0
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23566	2/6/2024 14:56	2/6/2024 15:28	32	0
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238732	2/6/2024 14:56	2/6/2024 19:40	284	0
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955448	2/6/2024 14:57	2/6/2024 19:30	273	0
793937	2/6/2024 14:57	2/6/2024 19:26	269	0
25066	2/6/2024 14:58	2/6/2024 15:29	31	0
26864	2/6/2024 14:58	2/6/2024 19:41	283	0
1516579	2/6/2024 14:58	2/6/2024 15:09	11	0
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237312	2/6/2024 14:59	2/6/2024 19:43	284	0
956125	2/6/2024 14:59	2/6/2024 19:37	278	0
1557303	2/6/2024 15:01	2/6/2024 19:39	278	0
262048	2/6/2024 15:02	2/6/2024 19:30	268	0
1557676	2/6/2024 15:02	2/6/2024 19:35	273	0
446126	2/6/2024 15:02	2/7/2024 9:00	1077.78	0
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1556434	2/6/2024 15:03	2/6/2024 19:41	278	0
1535304	2/6/2024 15:04	2/6/2024 19:42	278	0
1535397	2/6/2024 15:04	2/6/2024 19:47	283	0
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1556246	2/6/2024 15:04	2/6/2024 19:37	273	0
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1557188	2/6/2024 15:06	2/6/2024 19:34	268	0
574993	2/6/2024 15:06	2/6/2024 15:11	5	0
445867	2/6/2024 15:07	2/6/2024 19:40	273	0

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658837	2/6/2024 15:09	2/6/2024 15:25	16	0
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1288420	2/6/2024 15:09	2/6/2024 15:13	4	0
324290	2/6/2024 15:09	2/6/2024 19:36	267	0
8524544	2/6/2024 15:09	2/6/2024 19:37	268	0
1554218	2/6/2024 15:11	2/6/2024 19:44	273	0
315088	2/6/2024 15:11	2/6/2024 19:34	263	0
574993	2/6/2024 15:11	2/6/2024 15:21	10	0
30176	2/6/2024 15:11	2/7/2024 9:00	1068.92	0
30370	2/6/2024 15:11	2/7/2024 9:00	1068.92	0
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1288420	2/6/2024 15:13	2/6/2024 15:24	11	0
8387677	2/6/2024 15:13	2/6/2024 19:40	267	0
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10691024	2/6/2024 15:14	2/6/2024 15:33	19	0
28110	2/6/2024 15:14	2/7/2024 9:00	1065.92	0
1516579	2/6/2024 15:14	2/6/2024 15:24	10	0
1594192	2/6/2024 15:15	2/6/2024 19:43	268	0
1594635	2/6/2024 15:16	2/6/2024 19:49	273	0
412019	2/6/2024 15:17	2/6/2024 19:35	258	0
15611	2/6/2024 15:17	2/6/2024 19:40	263	0
927251	2/6/2024 15:18	2/6/2024 16:21	63	0
1670658	2/6/2024 15:19	2/6/2024 19:36	257	0
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14239	2/6/2024 15:20	2/6/2024 19:37	257	0
11435788	2/6/2024 15:20	2/6/2024 19:37	257	0
1624452	2/6/2024 15:20	2/6/2024 19:37	257	0
410569	2/6/2024 15:21	2/6/2024 19:38	257	0
574993	2/6/2024 15:21	2/6/2024 15:27	6	0
926505	2/6/2024 15:21	2/7/2024 9:00	1058.83	0
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646026	2/6/2024 15:22	2/6/2024 19:34	252	0
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1288420	2/6/2024 15:24	2/6/2024 15:29	5	0
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645339	2/6/2024 15:25	2/6/2024 19:37	252	0
574993	2/6/2024 15:27	2/6/2024 15:37	10	0
609850	2/6/2024 15:27	2/6/2024 19:34	247	0
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23566	2/6/2024 15:28	2/6/2024 19:40	252	0

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656343	2/6/2024 15:28	2/6/2024 19:31	243	0
1594081	2/6/2024 15:29	2/7/2024 9:00	1050.32	0
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1288420	2/6/2024 15:29	2/6/2024 15:35	6	0
1516579	2/6/2024 15:30	2/6/2024 15:40	10	0
10691024	2/6/2024 15:33	2/6/2024 15:34	1	0
980398	2/6/2024 15:33	2/6/2024 19:29	236	0
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1288420	2/6/2024 15:35	2/6/2024 15:40	5	0
195187	2/6/2024 15:37	2/6/2024 19:44	247	0
574993	2/6/2024 15:37	2/6/2024 15:43	6	0
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1288420	2/6/2024 15:40	2/6/2024 15:50	10	0
193791	2/6/2024 15:40	2/6/2024 19:41	241	0
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561541	2/6/2024 15:43	2/6/2024 19:28	225	0
447406	2/6/2024 15:44	2/6/2024 19:51	247	0
1493132	2/6/2024 15:45	2/6/2024 17:14	89	0
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1582130	2/6/2024 15:46	2/6/2024 19:41	235	0
1584687	2/6/2024 15:46	2/6/2024 19:43	237	0
1019446	2/6/2024 15:46	2/6/2024 16:17	31	0
562202	2/6/2024 15:48	2/6/2024 15:53	5	0
1288420	2/6/2024 15:50	2/6/2024 15:56	6	0
1664433	2/6/2024 15:51	2/6/2024 16:07	16	0
10691024	2/6/2024 15:53	2/6/2024 15:54	1	0
563241	2/6/2024 15:53	2/6/2024 19:34	221	0
562202	2/6/2024 15:53	2/6/2024 15:58	5	0
562856	2/6/2024 15:54	2/6/2024 19:45	231	0
561349	2/6/2024 15:54	2/6/2024 19:40	226	0
561758	2/6/2024 15:54	2/6/2024 20:09	255	0
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1288420	2/6/2024 15:56	2/6/2024 16:06	10	0
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317195	2/6/2024 15:58	2/6/2024 19:37	219	0
562202	2/6/2024 15:58	2/7/2024 9:00	1021.78	0

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1503507	2/6/2024 15:59	2/6/2024 19:44	225	0
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860281	2/6/2024 16:06	2/6/2024 19:30	204	0
1288420	2/6/2024 16:06	2/6/2024 16:11	5	0
323657	2/6/2024 16:07	2/6/2024 19:47	220	0
1664433	2/6/2024 16:07	2/6/2024 16:23	16	0
859747	2/6/2024 16:07	2/6/2024 19:43	216	0
323747	2/6/2024 16:08	2/6/2024 19:43	215	0
449377	2/6/2024 16:09	2/6/2024 17:18	69	0
324249	2/6/2024 16:11	2/6/2024 19:41	210	0
1447297	2/6/2024 16:11	2/6/2024 19:46	215	0
1288420	2/6/2024 16:11	2/6/2024 16:22	11	0
1447211	2/6/2024 16:13	2/6/2024 19:43	210	0
10714479	2/6/2024 16:13	2/6/2024 19:48	215	0
10691024	2/6/2024 16:14	2/6/2024 19:49	215	0
1019446	2/6/2024 16:17	2/6/2024 19:20	183	0
457729	2/6/2024 16:18	2/6/2024 19:43	205	0
456099	2/6/2024 16:19	2/6/2024 19:34	195	0
455345	2/6/2024 16:20	2/6/2024 19:45	205	0
927251	2/6/2024 16:21	2/6/2024 16:37	16	0
454861	2/6/2024 16:22	2/6/2024 19:37	195	0
457978	2/6/2024 16:22	2/6/2024 19:46	204	0
454901	2/6/2024 16:22	2/6/2024 19:42	200	0
1288420	2/6/2024 16:22	2/6/2024 16:27	5	0
455629	2/6/2024 16:23	2/6/2024 19:37	194	0
1664433	2/6/2024 16:23	2/6/2024 19:42	199	0
574993	2/6/2024 16:25	2/6/2024 16:30	5	0
642003	2/6/2024 16:26	2/6/2024 19:45	199	0
1288420	2/6/2024 16:27	2/6/2024 16:53	26	0
1272457	2/6/2024 16:30	2/6/2024 19:29	179	0
574993	2/6/2024 16:30	2/6/2024 17:06	36	0
1349766	2/6/2024 16:32	2/6/2024 19:34	182	0
1349083	2/6/2024 16:33	2/6/2024 19:42	189	0
1348976	2/6/2024 16:33	2/6/2024 19:42	189	0
1351069	2/6/2024 16:33	2/6/2024 19:42	189	0
27852	2/6/2024 16:35	2/7/2024 9:00	984.92	0
927251	2/6/2024 16:37	2/6/2024 19:40	183	0
330528	2/6/2024 16:50	2/6/2024 18:46	116	0
1288420	2/6/2024 16:53	2/6/2024 16:59	6	0
1288420	2/6/2024 16:59	2/7/2024 9:00	960.5	0
574993	2/6/2024 17:06	2/6/2024 17:12	6	0
188639	2/6/2024 17:11	2/7/2024 9:00	948.92	0
574993	2/6/2024 17:12	2/7/2024 9:00	947.78	0
1493132	2/6/2024 17:14	2/6/2024 19:41	147	0

326028	2/6/2024 17:15	2/6/2024 19:06	111	0
1375227	2/6/2024 17:17	2/6/2024 19:39	142	0
449377	2/6/2024 17:18	2/6/2024 18:10	52	0
1266649	2/6/2024 18:07	2/6/2024 19:31	84	0
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449377	2/6/2024 18:42	2/6/2024 19:45	63	0
330528	2/6/2024 18:46	2/7/2024 9:00	853.92	0
326028	2/6/2024 19:06	2/6/2024 21:06	120	0
1654064	2/6/2024 19:13	2/7/2024 9:00	826.53	0
1019446	2/6/2024 19:20	2/7/2024 9:00	819.53	0
385332	2/6/2024 19:24	2/7/2024 9:00	815.78	0
1321605	2/6/2024 19:26	2/7/2024 9:00	813.5	0
793937	2/6/2024 19:26	2/7/2024 9:00	813.83	0
816722	2/6/2024 19:27	2/7/2024 9:00	812.83	0
997397	2/6/2024 19:27	2/7/2024 9:00	812.53	0
1463218	2/6/2024 19:28	2/7/2024 9:00	811.32	0
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954332	2/6/2024 19:28	2/7/2024 9:00	811.53	0
954637	2/6/2024 19:29	2/7/2024 9:00	810.53	0
980398	2/6/2024 19:29	2/7/2024 9:00	810.53	0
926657	2/6/2024 19:29	2/7/2024 9:00	810.83	0
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1333801	2/6/2024 19:29	2/7/2024 9:00	810.5	0
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1272457	2/6/2024 19:29	2/7/2024 9:00	810.5	0
675499	2/6/2024 19:30	2/7/2024 9:00	809.83	0
955448	2/6/2024 19:30	2/7/2024 9:00	809.53	0
860281	2/6/2024 19:30	2/7/2024 9:00	809.83	0
262048	2/6/2024 19:30	2/7/2024 9:00	809.92	0
980132	2/6/2024 19:30	2/7/2024 9:00	809.53	0
1020565	2/6/2024 19:30	2/7/2024 9:00	809.53	0
580808	2/6/2024 19:30	2/7/2024 9:00	809.78	0
380736	2/6/2024 19:31	2/7/2024 9:00	808.78	0
1466357	2/6/2024 19:31	2/7/2024 9:00	808.32	0
1939790	2/6/2024 19:31	2/7/2024 9:00	808.32	0
10433250	2/6/2024 19:31	2/7/2024 9:00	808.5	0
1566872	2/6/2024 19:31	2/7/2024 9:00	808.32	0
656343	2/6/2024 19:31	2/7/2024 9:00	808.83	0
416557	2/6/2024 19:31	2/7/2024 9:00	808.78	0
1266649	2/6/2024 19:31	2/7/2024 9:00	808.5	0
792446	2/6/2024 19:31	2/7/2024 9:00	808.83	0
428179	2/6/2024 19:31	2/7/2024 9:00	808.78	0
1093833	2/6/2024 19:31	2/7/2024 9:00	808.78	0
1417279	2/6/2024 19:31	2/7/2024 9:00	808.5	0
656498	2/6/2024 19:32	2/7/2024 9:00	807.83	0
450309	2/6/2024 19:32	2/7/2024 9:00	807.78	0

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1320008	2/6/2024 19:32	2/7/2024 9:00	807.5	0
1444809	2/6/2024 19:32	2/7/2024 7:58	746	0
626477	2/6/2024 19:32	2/7/2024 9:00	807.78	0
1556565	2/6/2024 19:32	2/7/2024 9:00	807.32	0
593798	2/6/2024 19:32	2/7/2024 9:00	807.78	0
790670	2/6/2024 19:32	2/7/2024 9:00	807.83	0
800590	2/6/2024 19:33	2/7/2024 9:00	806.83	0
7932279	2/6/2024 19:33	2/7/2024 9:00	806.32	0
658642	2/6/2024 19:33	2/7/2024 9:00	806.83	0
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1265778	2/6/2024 19:33	2/7/2024 9:00	806.5	0
317233	2/6/2024 19:33	2/7/2024 9:00	806.92	0
794132	2/6/2024 19:33	2/7/2024 9:00	806.83	0
624953	2/6/2024 19:33	2/7/2024 9:00	806.78	0
1412757	2/6/2024 19:33	2/7/2024 9:00	806.5	0
325050	2/6/2024 19:33	2/7/2024 9:00	806.92	0
1407947	2/6/2024 19:33	2/7/2024 9:00	806.5	0
510307	2/6/2024 19:33	2/7/2024 9:00	806.78	0
1557188	2/6/2024 19:34	2/7/2024 9:00	805.32	0
7879030	2/6/2024 19:34	2/7/2024 9:00	805.78	0
1309098	2/6/2024 19:34	2/7/2024 9:00	805.5	0
623069	2/6/2024 19:34	2/7/2024 9:00	805.78	0
956968	2/6/2024 19:34	2/7/2024 9:00	805.53	0
315169	2/6/2024 19:34	2/7/2024 9:00	805.92	0
1503634	2/6/2024 19:34	2/7/2024 9:00	805.5	0
408857	2/6/2024 19:34	2/7/2024 9:00	805.78	0
347230	2/6/2024 19:34	2/7/2024 8:15	761	0
593366	2/6/2024 19:34	2/7/2024 9:00	805.78	0
315088	2/6/2024 19:34	2/7/2024 9:00	805.92	0
1556352	2/6/2024 19:34	2/7/2024 9:00	805.32	0
500173	2/6/2024 19:34	2/7/2024 9:00	805.78	0
563241	2/6/2024 19:34	2/7/2024 9:00	805.78	0
456099	2/6/2024 19:34	2/7/2024 9:00	805.78	0
549259	2/6/2024 19:34	2/7/2024 9:00	805.78	0
1190246	2/6/2024 19:34	2/7/2024 9:00	805.5	0
609850	2/6/2024 19:34	2/7/2024 9:00	805.78	0
646026	2/6/2024 19:34	2/7/2024 9:00	805.78	0
1349766	2/6/2024 19:34	2/7/2024 9:00	805.5	0
800588	2/6/2024 19:34	2/7/2024 9:00	805.83	0
315346	2/6/2024 19:35	2/7/2024 9:00	804.92	0
817825	2/6/2024 19:35	2/7/2024 9:00	804.83	0
29635	2/6/2024 19:35	2/7/2024 9:00	804.92	0
412019	2/6/2024 19:35	2/7/2024 9:00	804.78	0
411436	2/6/2024 19:35	2/7/2024 9:00	804.78	0
1020387	2/6/2024 19:35	2/7/2024 9:00	804.53	0

1446401	2/6/2024 19:35	2/7/2024 9:00	804.32	0
1445317	2/6/2024 19:35	2/7/2024 8:10	755	0
1407881	2/6/2024 19:35	2/7/2024 9:00	804.5	0
552210	2/6/2024 19:35	2/7/2024 9:00	804.78	0
47769	2/6/2024 19:35	2/7/2024 9:00	804.92	0
1508563	2/6/2024 19:35	2/7/2024 9:00	804.32	0
627018	2/6/2024 19:35	2/7/2024 9:00	804.78	0
551972	2/6/2024 19:35	2/7/2024 9:00	804.78	0
1459057	2/6/2024 19:35	2/7/2024 9:00	804.32	0
1557676	2/6/2024 19:35	2/7/2024 9:00	804.32	0
28509	2/6/2024 19:35	2/7/2024 9:00	804.92	0
610737	2/6/2024 19:35	2/7/2024 9:00	804.78	0
328408	2/6/2024 19:35	2/7/2024 9:00	804.92	0
1543287	2/6/2024 19:36	2/7/2024 9:00	803.32	0
1073095	2/6/2024 19:36	2/7/2024 9:00	803.78	0
26921	2/6/2024 19:36	2/7/2024 9:00	803.92	0
197690	2/6/2024 19:36	2/7/2024 9:00	803.92	0
1415828	2/6/2024 19:36	2/7/2024 9:00	803.5	0
324290	2/6/2024 19:36	2/7/2024 9:00	803.92	0
558031	2/6/2024 19:36	2/7/2024 9:00	803.78	0
1466638	2/6/2024 19:36	2/7/2024 8:07	751	0
1670658	2/6/2024 19:36	2/7/2024 9:00	803.78	0
314188	2/6/2024 19:36	2/7/2024 9:00	803.92	0
1393633	2/6/2024 19:36	2/7/2024 9:00	803.5	0
1414392	2/6/2024 19:36	2/7/2024 9:00	803.5	0
561757	2/6/2024 19:36	2/7/2024 9:00	803.78	0
259674	2/6/2024 19:36	2/7/2024 9:00	803.92	0
1393699	2/6/2024 19:36	2/7/2024 9:00	803.5	0
12378019	2/6/2024 19:36	2/7/2024 9:00	803.92	0
1432940	2/6/2024 19:36	2/7/2024 9:00	803.32	0
587455	2/6/2024 19:36	2/7/2024 9:00	803.78	0
342796	2/6/2024 19:36	2/7/2024 9:00	803.92	0
275018	2/6/2024 19:36	2/7/2024 9:00	803.92	0
664453	2/6/2024 19:37	2/7/2024 9:00	802.83	0
645339	2/6/2024 19:37	2/7/2024 9:00	802.78	0
1556246	2/6/2024 19:37	2/7/2024 9:00	802.32	0
23462	2/6/2024 19:37	2/7/2024 9:00	802.92	0
8524544	2/6/2024 19:37	2/7/2024 9:00	802.92	0
500145	2/6/2024 19:37	2/7/2024 9:00	802.78	0
1624452	2/6/2024 19:37	2/7/2024 9:00	802.32	0
489481	2/6/2024 19:37	2/7/2024 9:00	802.78	0
51483	2/6/2024 19:37	2/7/2024 9:00	802.92	0
1453263	2/6/2024 19:37	2/7/2024 9:00	802.32	0
196408	2/6/2024 19:37	2/7/2024 9:00	802.92	0
623612	2/6/2024 19:37	2/7/2024 9:00	802.78	0
1685329	2/6/2024 19:37	2/7/2024 9:00	802.5	0
658837	2/6/2024 19:37	2/7/2024 8:55	798	0

449036	2/6/2024 19:37	2/7/2024 9:00	802.78	0
511223	2/6/2024 19:37	2/7/2024 9:00	802.78	0
792391	2/6/2024 19:37	2/7/2024 9:00	802.83	0
266950	2/6/2024 19:37	2/7/2024 9:00	802.92	0
14239	2/6/2024 19:37	2/7/2024 9:00	802.92	0
634044	2/6/2024 19:37	2/7/2024 9:00	802.78	0
957615	2/6/2024 19:37	2/7/2024 9:00	802.53	0
609437	2/6/2024 19:37	2/7/2024 9:00	802.78	0
510974	2/6/2024 19:37	2/7/2024 9:00	802.78	0
317195	2/6/2024 19:37	2/7/2024 8:40	783	0
956125	2/6/2024 19:37	2/7/2024 9:00	802.53	0
793690	2/6/2024 19:37	2/7/2024 9:00	802.83	0
195666	2/6/2024 19:37	2/7/2024 9:00	802.92	0
624716	2/6/2024 19:37	2/7/2024 9:00	802.78	0
455629	2/6/2024 19:37	2/7/2024 9:00	802.78	0
957216	2/6/2024 19:37	2/7/2024 9:00	802.53	0
315345	2/6/2024 19:37	2/7/2024 9:00	802.92	0
1437071	2/6/2024 19:37	2/7/2024 9:00	802.32	0
11435788	2/6/2024 19:37	2/7/2024 9:00	802.92	0
454861	2/6/2024 19:37	2/7/2024 9:00	802.78	0
560588	2/6/2024 19:37	2/7/2024 9:00	802.78	0
567126	2/6/2024 19:37	2/7/2024 9:00	802.78	0
971524	2/6/2024 19:38	2/7/2024 9:00	801.78	0
623871	2/6/2024 19:38	2/7/2024 9:00	801.78	0
1511251	2/6/2024 19:38	2/7/2024 9:00	801.32	0
1430294	2/6/2024 19:38	2/7/2024 9:00	801.32	0
197561	2/6/2024 19:38	2/7/2024 9:00	801.92	0
29748	2/6/2024 19:38	2/7/2024 9:00	801.92	0
564518	2/6/2024 19:38	2/7/2024 9:00	801.78	0
314899	2/6/2024 19:38	2/7/2024 9:00	801.92	0
8910809	2/6/2024 19:38	2/7/2024 9:00	801.78	0
801004	2/6/2024 19:38	2/7/2024 9:00	801.83	0
6995795	2/6/2024 19:38	2/7/2024 9:00	801.78	0
1378141	2/6/2024 19:38	2/7/2024 9:00	801.5	0
8434548	2/6/2024 19:38	2/7/2024 9:00	801.92	0
1564723	2/6/2024 19:38	2/7/2024 9:00	801.32	0
1456419	2/6/2024 19:38	2/7/2024 9:00	801.32	0
410569	2/6/2024 19:38	2/7/2024 9:00	801.78	0
1551510	2/6/2024 19:38	2/7/2024 9:00	801.32	0
196965	2/6/2024 19:38	2/7/2024 9:00	801.92	0
197883	2/6/2024 19:38	2/7/2024 9:00	801.92	0
1672454	2/6/2024 19:38	2/7/2024 9:00	801.78	0
11176351	2/6/2024 19:38	2/7/2024 9:00	801.32	0
1417138	2/6/2024 19:38	2/7/2024 9:00	801.5	0
1523524	2/6/2024 19:38	2/7/2024 9:00	801.32	0
1518000	2/6/2024 19:38	2/7/2024 9:00	801.32	0
1573666	2/6/2024 19:38	2/7/2024 9:00	801.32	0

643434	2/6/2024 19:38	2/7/2024 9:00	801.78	0
195839	2/6/2024 19:38	2/7/2024 9:00	801.92	0
224277	2/6/2024 19:38	2/7/2024 9:00	801.92	0
1556486	2/6/2024 19:38	2/7/2024 9:00	801.32	0
279833	2/6/2024 19:38	2/7/2024 9:00	801.92	0
425936	2/6/2024 19:38	2/7/2024 9:00	801.78	0
508593	2/6/2024 19:39	2/7/2024 9:00	800.78	0
70866	2/6/2024 19:39	2/7/2024 9:00	800.92	0
274059	2/6/2024 19:39	2/7/2024 9:00	800.92	0
9313875	2/6/2024 19:39	2/7/2024 9:00	800.32	0
317797	2/6/2024 19:39	2/7/2024 9:00	800.92	0
68308	2/6/2024 19:39	2/7/2024 9:00	800.92	0
1376158	2/6/2024 19:39	2/7/2024 8:00	741	0
10371746	2/6/2024 19:39	2/7/2024 9:00	800.78	0
562727	2/6/2024 19:39	2/7/2024 9:00	800.78	0
381982	2/6/2024 19:39	2/7/2024 9:00	800.78	0
1511264	2/6/2024 19:39	2/7/2024 9:00	800.32	0
817260	2/6/2024 19:39	2/7/2024 9:00	800.83	0
237266	2/6/2024 19:39	2/7/2024 9:00	800.92	0
553863	2/6/2024 19:39	2/7/2024 9:00	800.78	0
6761269	2/6/2024 19:39	2/7/2024 9:00	800.92	0
1557303	2/6/2024 19:39	2/7/2024 9:00	800.32	0
280173	2/6/2024 19:39	2/7/2024 9:00	800.92	0
498070	2/6/2024 19:39	2/7/2024 9:00	800.78	0
281235	2/6/2024 19:39	2/7/2024 9:00	800.92	0
1064575	2/6/2024 19:39	2/7/2024 9:00	800.53	0
624628	2/6/2024 19:39	2/7/2024 9:00	800.78	0
506261	2/6/2024 19:39	2/7/2024 9:00	800.78	0
408663	2/6/2024 19:39	2/7/2024 9:00	800.78	0
660265	2/6/2024 19:39	2/7/2024 9:00	800.83	0
1546695	2/6/2024 19:39	2/7/2024 9:00	800.32	0
523489	2/6/2024 19:39	2/7/2024 9:00	800.92	0
1511532	2/6/2024 19:39	2/7/2024 9:00	800.32	0
1549376	2/6/2024 19:39	2/7/2024 9:00	800.32	0
1554677	2/6/2024 19:39	2/7/2024 9:00	800.32	0
1375227	2/6/2024 19:39	2/7/2024 9:00	800.5	0
1547686	2/6/2024 19:39	2/7/2024 9:00	800.32	0
975066	2/6/2024 19:39	2/7/2024 9:00	800.53	0
13876	2/6/2024 19:39	2/7/2024 9:00	800.92	0
10510361	2/6/2024 19:39	2/7/2024 9:00	800.92	0
275495	2/6/2024 19:40	2/7/2024 9:00	799.92	0
23566	2/6/2024 19:40	2/7/2024 9:00	799.92	0
563721	2/6/2024 19:40	2/7/2024 9:00	799.78	0
346288	2/6/2024 19:40	2/7/2024 9:00	799.92	0
381338	2/6/2024 19:40	2/7/2024 9:00	799.78	0
281056	2/6/2024 19:40	2/7/2024 9:00	799.92	0
445867	2/6/2024 19:40	2/7/2024 9:00	799.78	0

1538577	2/6/2024 19:40	2/7/2024 9:00	799.32	0
8387677	2/6/2024 19:40	2/7/2024 9:00	799.92	0
927251	2/6/2024 19:40	2/7/2024 9:00	799.83	0
15611	2/6/2024 19:40	2/7/2024 9:00	799.92	0
197356	2/6/2024 19:40	2/7/2024 9:00	799.92	0
274522	2/6/2024 19:40	2/7/2024 9:00	799.92	0
34887	2/6/2024 19:40	2/7/2024 9:00	799.92	0
1377303	2/6/2024 19:40	2/7/2024 9:00	799.5	0
21820	2/6/2024 19:40	2/7/2024 9:00	799.92	0
645144	2/6/2024 19:40	2/7/2024 9:00	799.78	0
238732	2/6/2024 19:40	2/7/2024 9:00	799.92	0
8590289	2/6/2024 19:40	2/7/2024 9:00	799.78	0
265473	2/6/2024 19:40	2/7/2024 9:00	799.92	0
561349	2/6/2024 19:40	2/7/2024 9:00	799.78	0
507365	2/6/2024 19:40	2/7/2024 9:00	799.78	0
1555376	2/6/2024 19:41	2/7/2024 9:00	798.32	0
25066	2/6/2024 19:41	2/7/2024 9:00	798.92	0
1556434	2/6/2024 19:41	2/7/2024 9:00	798.32	0
1493132	2/6/2024 19:41	2/7/2024 9:00	798.5	0
13912	2/6/2024 19:41	2/7/2024 9:00	798.92	0
1582130	2/6/2024 19:41	2/7/2024 9:00	798.32	0
411053	2/6/2024 19:41	2/7/2024 9:00	798.78	0
193791	2/6/2024 19:41	2/7/2024 9:00	798.92	0
21306	2/6/2024 19:41	2/7/2024 9:00	798.92	0
553755	2/6/2024 19:41	2/7/2024 9:00	798.78	0
793737	2/6/2024 19:41	2/7/2024 9:00	798.83	0
324249	2/6/2024 19:41	2/7/2024 9:00	798.92	0
11081884	2/6/2024 19:41	2/7/2024 9:00	798.92	0
26864	2/6/2024 19:41	2/7/2024 9:00	798.92	0
593397	2/6/2024 19:41	2/7/2024 9:00	798.78	0
8495802	2/6/2024 19:41	2/7/2024 9:00	798.32	0
547577	2/6/2024 19:41	2/7/2024 9:00	798.92	0
1074779	2/6/2024 19:41	2/7/2024 9:00	798.78	0
8486022	2/6/2024 19:42	2/7/2024 9:00	797.32	0
346967	2/6/2024 19:42	2/7/2024 9:00	797.92	0
1683861	2/6/2024 19:42	2/7/2024 9:00	797.92	0
627289	2/6/2024 19:42	2/7/2024 9:00	797.78	0
500322	2/6/2024 19:42	2/7/2024 9:00	797.78	0
1550815	2/6/2024 19:42	2/7/2024 9:00	797.32	0
267439	2/6/2024 19:42	2/7/2024 9:00	797.92	0
1351069	2/6/2024 19:42	2/7/2024 9:00	797.5	0
8104722	2/6/2024 19:42	2/7/2024 9:00	797.92	0
1515733	2/6/2024 19:42	2/7/2024 9:00	797.32	0
1348976	2/6/2024 19:42	2/7/2024 9:00	797.5	0
10013697	2/6/2024 19:42	2/7/2024 9:00	797.32	0
1535304	2/6/2024 19:42	2/7/2024 9:00	797.32	0
574596	2/6/2024 19:42	2/7/2024 9:00	797.78	0

634779	2/6/2024 19:42	2/7/2024 9:00	797.78	0
451783	2/6/2024 19:42	2/7/2024 9:00	797.78	0
318402	2/6/2024 19:42	2/7/2024 9:00	797.92	0
34613	2/6/2024 19:42	2/7/2024 9:00	797.92	0
1547692	2/6/2024 19:42	2/7/2024 9:00	797.32	0
1310926	2/6/2024 19:42	2/7/2024 9:00	797.5	0
1584264	2/6/2024 19:42	2/7/2024 9:00	797.32	0
66685	2/6/2024 19:42	2/7/2024 9:00	797.92	0
1349083	2/6/2024 19:42	2/7/2024 9:00	797.5	0
509233	2/6/2024 19:42	2/7/2024 9:00	797.78	0
1377393	2/6/2024 19:42	2/7/2024 9:00	797.5	0
1433348	2/6/2024 19:42	2/7/2024 9:00	797.32	0
1547843	2/6/2024 19:42	2/7/2024 9:00	797.32	0
1514004	2/6/2024 19:42	2/7/2024 9:00	797.32	0
454901	2/6/2024 19:42	2/7/2024 9:00	797.78	0
25674	2/6/2024 19:42	2/7/2024 9:00	797.92	0
1430644	2/6/2024 19:42	2/7/2024 9:00	797.32	0
8950281	2/6/2024 19:42	2/7/2024 9:00	797.92	0
1664433	2/6/2024 19:42	2/7/2024 9:00	797.83	0
561672	2/6/2024 19:42	2/7/2024 9:00	797.78	0
569554	2/6/2024 19:42	2/7/2024 9:00	797.78	0
859747	2/6/2024 19:43	2/7/2024 9:00	796.83	0
314945	2/6/2024 19:43	2/7/2024 8:40	777	0
198082	2/6/2024 19:43	2/7/2024 9:00	796.92	0
1447211	2/6/2024 19:43	2/7/2024 9:00	796.32	0
267537	2/6/2024 19:43	2/7/2024 9:00	796.92	0
323747	2/6/2024 19:43	2/7/2024 9:00	796.92	0
320966	2/6/2024 19:43	2/7/2024 9:00	796.92	0
511266	2/6/2024 19:43	2/7/2024 9:00	796.78	0
8068454	2/6/2024 19:43	2/7/2024 9:00	796.78	0
509102	2/6/2024 19:43	2/7/2024 9:00	796.78	0
4173986	2/6/2024 19:43	2/7/2024 9:00	796.92	0
1604432	2/6/2024 19:43	2/7/2024 9:00	796.32	0
399291	2/6/2024 19:43	2/7/2024 9:00	796.78	0
1465282	2/6/2024 19:43	2/7/2024 8:24	761	0
562346	2/6/2024 19:43	2/7/2024 9:00	796.78	0
1584687	2/6/2024 19:43	2/7/2024 9:00	796.32	0
1403562	2/6/2024 19:43	2/7/2024 9:00	796.5	0
1394365	2/6/2024 19:43	2/7/2024 9:00	796.5	0
1555268	2/6/2024 19:43	2/7/2024 9:00	796.32	0
34832	2/6/2024 19:43	2/7/2024 9:00	796.92	0
1462990	2/6/2024 19:43	2/7/2024 9:00	796.32	0
315730	2/6/2024 19:43	2/7/2024 9:00	796.92	0
1430838	2/6/2024 19:43	2/7/2024 9:00	796.32	0
1594192	2/6/2024 19:43	2/7/2024 9:00	796.32	0
6714863	2/6/2024 19:43	2/7/2024 9:00	796.83	0
1377844	2/6/2024 19:43	2/7/2024 9:00	796.5	0

457729	2/6/2024 19:43	2/7/2024 9:00	796.78	0
14605	2/6/2024 19:43	2/7/2024 9:00	796.92	0
237312	2/6/2024 19:43	2/7/2024 9:00	796.92	0
345957	2/6/2024 19:43	2/7/2024 9:00	796.92	0
549370	2/6/2024 19:43	2/7/2024 9:00	796.78	0
274125	2/6/2024 19:44	2/7/2024 9:00	795.92	0
1446785	2/6/2024 19:44	2/7/2024 9:00	795.32	0
1416360	2/6/2024 19:44	2/7/2024 9:00	795.5	0
1081237	2/6/2024 19:44	2/7/2024 9:00	795.6	0
1554218	2/6/2024 19:44	2/7/2024 9:00	795.32	0
643812	2/6/2024 19:44	2/7/2024 9:00	795.78	0
49209	2/6/2024 19:44	2/7/2024 9:00	795.92	0
1539391	2/6/2024 19:44	2/7/2024 9:00	795.32	0
196653	2/6/2024 19:44	2/7/2024 9:00	795.92	0
34905	2/6/2024 19:44	2/7/2024 9:00	795.92	0
446329	2/6/2024 19:44	2/7/2024 9:00	795.78	0
197629	2/6/2024 19:44	2/7/2024 9:00	795.92	0
1503507	2/6/2024 19:44	2/7/2024 9:00	795.5	0
276488	2/6/2024 19:44	2/7/2024 9:00	795.92	0
27483	2/6/2024 19:44	2/7/2024 9:00	795.92	0
316997	2/6/2024 19:44	2/7/2024 9:00	795.92	0
1556243	2/6/2024 19:44	2/7/2024 9:00	795.32	0
237177	2/6/2024 19:44	2/7/2024 9:00	795.92	0
29848	2/6/2024 19:44	2/7/2024 9:00	795.92	0
1549436	2/6/2024 19:44	2/7/2024 9:00	795.32	0
1494722	2/6/2024 19:44	2/7/2024 9:00	795.5	0
605186	2/6/2024 19:44	2/7/2024 9:00	795.78	0
1466445	2/6/2024 19:44	2/7/2024 8:24	760	0
195187	2/6/2024 19:44	2/7/2024 9:00	795.92	0
7178975	2/6/2024 19:44	2/7/2024 9:00	795.92	0
195163	2/6/2024 19:45	2/7/2024 9:00	794.92	0
455345	2/6/2024 19:45	2/7/2024 9:00	794.78	0
397349	2/6/2024 19:45	2/7/2024 9:00	794.78	0
642003	2/6/2024 19:45	2/7/2024 9:00	794.78	0
601397	2/6/2024 19:45	2/7/2024 9:00	794.78	0
344958	2/6/2024 19:45	2/7/2024 9:00	794.92	0
380057	2/6/2024 19:45	2/7/2024 9:00	794.78	0
24124	2/6/2024 19:45	2/7/2024 9:00	794.92	0
1576533	2/6/2024 19:45	2/7/2024 9:00	794.32	0
313269	2/6/2024 19:45	2/7/2024 9:00	794.92	0
562856	2/6/2024 19:45	2/7/2024 9:00	794.78	0
1421188	2/6/2024 19:45	2/7/2024 9:00	794.5	0
10393495	2/6/2024 19:45	2/7/2024 9:00	794.92	0
267367	2/6/2024 19:45	2/7/2024 9:00	794.92	0
346135	2/6/2024 19:45	2/7/2024 9:00	794.92	0
1430553	2/6/2024 19:45	2/7/2024 9:00	794.32	0
449377	2/6/2024 19:45	2/6/2024 20:48	63	0

1515678	2/6/2024 19:45	2/7/2024 9:00	794.32	0
519373	2/6/2024 19:45	2/7/2024 9:00	794.92	0
1251782	2/6/2024 19:45	2/7/2024 9:00	794.83	0
68620	2/6/2024 19:45	2/7/2024 9:00	794.92	0
345647	2/6/2024 19:45	2/7/2024 9:00	794.92	0
189581	2/6/2024 19:46	2/7/2024 9:00	793.92	0
125572	2/6/2024 19:46	2/7/2024 9:00	793.92	0
1552154	2/6/2024 19:46	2/7/2024 9:00	793.32	0
1447297	2/6/2024 19:46	2/7/2024 9:00	793.32	0
457978	2/6/2024 19:46	2/7/2024 9:00	793.78	0
315306	2/6/2024 19:47	2/7/2024 9:00	792.92	0
27443	2/6/2024 19:47	2/7/2024 9:00	792.92	0
51957	2/6/2024 19:47	2/7/2024 9:00	792.92	0
324045	2/6/2024 19:47	2/7/2024 9:00	792.92	0
1464949	2/6/2024 19:47	2/7/2024 9:00	792.32	0
8148103	2/6/2024 19:47	2/7/2024 9:00	792.92	0
323657	2/6/2024 19:47	2/7/2024 9:00	792.92	0
1535397	2/6/2024 19:47	2/7/2024 9:00	792.32	0
35442	2/6/2024 19:47	2/7/2024 9:00	792.92	0
1551513	2/6/2024 19:47	2/7/2024 9:00	792.32	0
317084	2/6/2024 19:47	2/7/2024 9:00	792.92	0
1514677	2/6/2024 19:47	2/7/2024 9:00	792.32	0
10659831	2/6/2024 19:48	2/7/2024 9:00	791.32	0
10714479	2/6/2024 19:48	2/7/2024 9:00	791.32	0
9063373	2/6/2024 19:48	2/7/2024 9:00	791.5	0
1641091	2/6/2024 19:48	2/7/2024 9:00	791.32	0
356505	2/6/2024 19:48	2/7/2024 9:00	791.78	0
69207	2/6/2024 19:48	2/7/2024 9:00	791.92	0
455994	2/6/2024 19:48	2/7/2024 9:00	791.78	0
194491	2/6/2024 19:49	2/7/2024 9:00	790.92	0
10691024	2/6/2024 19:49	2/7/2024 9:00	790.6	0
1594635	2/6/2024 19:49	2/7/2024 9:00	790.32	0
1375642	2/6/2024 19:49	2/7/2024 9:00	790.5	0
346347	2/6/2024 19:50	2/7/2024 9:00	789.92	0
1472045	2/6/2024 19:50	2/7/2024 9:00	789.32	0
447406	2/6/2024 19:51	2/7/2024 9:00	788.78	0
1517291	2/6/2024 19:54	2/7/2024 9:00	785.32	0
510522	2/6/2024 19:58	2/7/2024 9:00	781.78	0
791361	2/6/2024 20:04	2/7/2024 9:00	775.83	0
561758	2/6/2024 20:09	2/7/2024 9:00	770.78	0
30471	2/6/2024 20:31	2/7/2024 9:00	748.92	0
1394324	2/6/2024 20:45	2/7/2024 9:00	734.5	0
562658	2/6/2024 20:45	2/7/2024 9:00	734.78	0
449377	2/6/2024 20:48	2/6/2024 21:50	62	0
326028	2/6/2024 21:06	2/7/2024 9:00	713.92	0
6828301	2/6/2024 21:46	2/7/2024 9:00	673.92	0
449377	2/6/2024 21:50	2/6/2024 22:11	21	0

449377	2/6/2024 22:11	2/6/2024 22:27	16	0
449377	2/6/2024 22:27	2/6/2024 23:20	53	0
449377	2/6/2024 23:20	2/6/2024 23:41	21	0
449377	2/6/2024 23:41	2/7/2024 1:57	136	0
1704044	2/7/2024 0:14	2/7/2024 9:00	525.5	0
449377	2/7/2024 1:57	2/7/2024 2:34	37	0
449377	2/7/2024 2:34	2/7/2024 3:37	63	0
449377	2/7/2024 3:37	2/7/2024 4:03	26	0
449377	2/7/2024 4:03	2/7/2024 4:19	16	0
449377	2/7/2024 4:19	2/7/2024 4:51	32	0
449377	2/7/2024 4:51	2/7/2024 5:17	26	0
449377	2/7/2024 5:17	2/7/2024 5:48	31	0
449377	2/7/2024 5:48	2/7/2024 7:02	74	0
449377	2/7/2024 7:02	2/7/2024 7:18	16	0
449377	2/7/2024 7:18	2/7/2024 8:05	47	0
1469270	2/7/2024 7:57	2/7/2024 9:00	62.32	0
1469850	2/7/2024 7:57	2/7/2024 9:00	62.32	0
1444809	2/7/2024 7:58	2/7/2024 9:00	61.32	0
1376158	2/7/2024 8:00	2/7/2024 9:00	59.5	0
449377	2/7/2024 8:05	2/7/2024 8:47	42	0
1466638	2/7/2024 8:07	2/7/2024 9:00	52.32	0
1463680	2/7/2024 8:08	2/7/2024 9:00	51.32	0
1463520	2/7/2024 8:09	2/7/2024 9:00	50.32	0
1445317	2/7/2024 8:10	2/7/2024 9:00	49.32	0
1467272	2/7/2024 8:11	2/7/2024 9:00	48.32	0
347230	2/7/2024 8:15	2/7/2024 9:00	44.92	0
65245	2/7/2024 8:20	2/7/2024 9:00	39.92	0
1466445	2/7/2024 8:24	2/7/2024 9:00	35.32	0
1465282	2/7/2024 8:24	2/7/2024 9:00	35.32	0
1469956	2/7/2024 8:24	2/7/2024 9:00	35.32	0
800576	2/7/2024 8:36	2/7/2024 9:00	23.83	0
317195	2/7/2024 8:40	2/7/2024 8:56	16	0
314945	2/7/2024 8:40	2/7/2024 8:56	16	0
449377	2/7/2024 8:47	2/7/2024 9:00	12.78	0
658837	2/7/2024 8:55	2/7/2024 9:00	4.83	0
314945	2/7/2024 8:56	2/7/2024 9:00	3.92	0
317195	2/7/2024 8:56	2/7/2024 9:00	3.92	0
8950281	2/7/2024 9:00	2/7/2024 14:16	316	0
509233	2/7/2024 9:00	2/7/2024 10:08	68	0
1704044	2/7/2024 9:00	2/8/2024 9:00	1439.5	0
8766703	2/7/2024 9:00	2/8/2024 9:00	1439.53	0
664030	2/7/2024 9:00	2/8/2024 9:00	1439.83	0
980398	2/7/2024 9:00	2/7/2024 10:32	92	0
1288420	2/7/2024 9:00	2/7/2024 11:27	147	0
675499	2/7/2024 9:00	2/7/2024 11:04	124	0
447406	2/7/2024 9:00	2/8/2024 9:00	1439.78	0
1552447	2/7/2024 9:00	2/8/2024 9:00	1439.32	0

1422300	2/7/2024 9:00	2/8/2024 9:00	1439.5	0
1516579	2/7/2024 9:00	2/7/2024 10:54	114	0
1680798	2/7/2024 9:00	2/8/2024 9:00	1439.92	0
1349032	2/7/2024 9:00	2/8/2024 9:00	1439.5	0
558031	2/7/2024 9:00	2/7/2024 11:37	157	0
1672454	2/7/2024 9:00	2/7/2024 19:40	640	0
7194273	2/7/2024 9:00	2/8/2024 9:00	1439.32	0
1453263	2/7/2024 9:00	2/7/2024 10:50	110	0
8910809	2/7/2024 9:00	2/7/2024 19:39	639	0
353728	2/7/2024 9:00	2/7/2024 11:06	126	0
444688	2/7/2024 9:00	2/8/2024 9:00	1439.78	0
927251	2/7/2024 9:00	2/7/2024 16:19	439	0
1394324	2/7/2024 9:00	2/7/2024 10:35	95	0
1702895	2/7/2024 9:00	2/8/2024 9:00	1439.5	0
554089	2/7/2024 9:00	2/8/2024 9:00	1439.78	0
319279	2/7/2024 9:00	2/8/2024 9:00	1439.92	0
1466638	2/7/2024 9:00	2/7/2024 10:50	110	0
1516786	2/7/2024 9:00	2/8/2024 9:00	1439.32	0
262048	2/7/2024 9:00	2/7/2024 15:01	361	0
326028	2/7/2024 9:00	2/7/2024 10:42	102	0
1377303	2/7/2024 9:00	2/7/2024 14:53	353	0
1582130	2/7/2024 9:01	2/7/2024 19:42	641	0
997397	2/7/2024 9:06	2/7/2024 10:31	85	0
1513541	2/7/2024 9:07	2/8/2024 9:00	1432.32	0
574993	2/7/2024 9:07	2/7/2024 10:00	53	0
726904	2/7/2024 9:07	2/8/2024 9:00	1432.83	0
562202	2/7/2024 9:07	2/8/2024 9:00	1432.78	0
6761269	2/7/2024 9:07	2/7/2024 10:16	69	0
1552990	2/7/2024 9:07	2/8/2024 9:00	1432.32	0
561757	2/7/2024 9:07	2/7/2024 11:40	153	0
8668965	2/7/2024 9:07	2/7/2024 10:52	105	0
1348731	2/7/2024 9:07	2/8/2024 9:00	1432.5	0
1333801	2/7/2024 9:08	2/7/2024 19:32	624	0
1366197	2/7/2024 9:08	2/8/2024 9:00	1431.5	0
1445317	2/7/2024 9:10	2/7/2024 19:38	628	0
658837	2/7/2024 9:11	2/7/2024 19:41	630	0.19
1465282	2/7/2024 9:11	2/7/2024 19:45	634	0
1466445	2/7/2024 9:11	2/7/2024 19:42	631	0
1444809	2/7/2024 9:11	2/7/2024 19:35	624	0.6
347230	2/7/2024 9:13	2/7/2024 10:32	79	0
1393699	2/7/2024 9:15	2/7/2024 19:38	623	0.16
1494722	2/7/2024 9:15	2/7/2024 19:43	628	1.59
1421188	2/7/2024 9:19	2/7/2024 19:46	627	0
627289	2/7/2024 9:21	2/7/2024 18:45	564	0
624716	2/7/2024 9:21	2/7/2024 10:35	74	0
1641091	2/7/2024 9:21	2/7/2024 14:23	302	0
624953	2/7/2024 9:22	2/7/2024 19:38	616	0

626477	2/7/2024 9:22	2/7/2024 10:35	73	0
971524	2/7/2024 9:22	2/7/2024 19:38	616	0
1523524	2/7/2024 9:22	2/7/2024 11:54	152	0.16
624628	2/7/2024 9:24	2/7/2024 19:38	614	0
627018	2/7/2024 9:24	2/7/2024 19:33	609	0.14
1321605	2/7/2024 9:26	2/7/2024 19:30	604	0
1272457	2/7/2024 9:29	2/7/2024 19:32	603	0
1417138	2/7/2024 9:33	2/7/2024 11:23	110	0
10013697	2/7/2024 9:37	2/7/2024 11:38	121	0
523489	2/7/2024 9:37	2/7/2024 19:43	606	0.91
854579	2/7/2024 9:37	2/7/2024 11:38	121	0
1551513	2/7/2024 9:37	2/7/2024 11:37	120	0
801004	2/7/2024 9:38	2/7/2024 11:54	136	0
852125	2/7/2024 9:38	2/7/2024 11:38	120	0
800600	2/7/2024 9:38	2/7/2024 11:55	137	0
317195	2/7/2024 9:38	2/7/2024 19:40	602	0
314899	2/7/2024 9:38	2/7/2024 19:40	602	0
1551510	2/7/2024 9:38	2/7/2024 11:39	121	0
800576	2/7/2024 9:39	2/7/2024 19:33	594	0
317797	2/7/2024 9:39	2/7/2024 19:39	600	0
1190246	2/7/2024 9:39	2/7/2024 11:40	121	0
10510361	2/7/2024 9:39	2/7/2024 19:37	598	0
8104722	2/7/2024 9:39	2/7/2024 19:42	603	0
317233	2/7/2024 9:39	2/7/2024 19:37	598	0.52
8486022	2/7/2024 9:39	2/7/2024 19:42	603	0
315345	2/7/2024 9:40	2/7/2024 19:38	598	0
1446401	2/7/2024 9:40	2/7/2024 19:38	598	0
800590	2/7/2024 9:41	2/7/2024 11:52	131	0
317084	2/7/2024 9:41	2/7/2024 19:47	606	0
800588	2/7/2024 9:42	2/7/2024 11:53	131	0
1466357	2/7/2024 9:42	2/7/2024 19:37	595	0
318402	2/7/2024 9:42	2/7/2024 19:39	597	0
315346	2/7/2024 9:42	2/7/2024 19:39	597	0
314945	2/7/2024 9:43	2/7/2024 19:41	598	1.56
1430838	2/7/2024 9:46	2/7/2024 14:30	284	0
51957	2/7/2024 9:47	2/7/2024 14:20	273	0.15
1604432	2/7/2024 9:48	2/7/2024 19:43	595	0.41
320966	2/7/2024 9:48	2/7/2024 11:49	121	0
279833	2/7/2024 9:48	2/7/2024 19:37	589	0
455629	2/7/2024 9:49	2/7/2024 10:04	15	0
1549436	2/7/2024 9:49	2/7/2024 11:40	111	0
1430553	2/7/2024 9:50	2/7/2024 14:23	273	0.6
455994	2/7/2024 9:50	2/7/2024 10:04	14	0
500173	2/7/2024 9:50	2/7/2024 19:35	585	1.92
281235	2/7/2024 9:50	2/7/2024 19:39	589	0
274522	2/7/2024 9:50	2/7/2024 19:38	588	1.01
1549376	2/7/2024 9:50	2/7/2024 11:35	105	0

498070	2/7/2024 9:50	2/7/2024 19:38	588	0
10393495	2/7/2024 9:50	2/7/2024 19:43	593	0.04
11081884	2/7/2024 9:51	2/7/2024 10:07	16	0
4173986	2/7/2024 9:51	2/7/2024 19:43	592	0
275495	2/7/2024 9:51	2/7/2024 19:39	588	0
1547692	2/7/2024 9:52	2/7/2024 11:38	106	0
275018	2/7/2024 9:52	2/7/2024 19:42	590	0
281056	2/7/2024 9:52	2/7/2024 19:42	590	0.78
1320008	2/7/2024 9:52	2/7/2024 19:33	581	0
510974	2/7/2024 9:53	2/7/2024 19:33	580	0
1547843	2/7/2024 9:53	2/7/2024 11:38	105	0.15
276488	2/7/2024 9:53	2/7/2024 19:45	592	0.19
1081237	2/7/2024 9:53	2/7/2024 19:47	594	0
859747	2/7/2024 9:53	2/7/2024 11:38	105	0
1265778	2/7/2024 9:54	2/7/2024 19:32	578	0
574596	2/7/2024 9:54	2/7/2024 11:38	104	0
1547686	2/7/2024 9:55	2/7/2024 11:34	99	0
664453	2/7/2024 9:59	2/7/2024 19:40	581	0
574993	2/7/2024 10:00	2/7/2024 10:21	21	0
315169	2/7/2024 10:01	2/7/2024 19:38	577	0
47769	2/7/2024 10:01	2/7/2024 19:39	578	0
49209	2/7/2024 10:02	2/7/2024 19:45	583	0
1624452	2/7/2024 10:03	2/7/2024 19:38	575	0
1672784	2/7/2024 10:03	2/8/2024 9:00	1376.78	0.1
314188	2/7/2024 10:03	2/7/2024 19:38	575	0
455629	2/7/2024 10:04	2/7/2024 12:10	126	0
455994	2/7/2024 10:04	2/7/2024 11:36	92	0
315730	2/7/2024 10:04	2/7/2024 19:44	580	0.12
605186	2/7/2024 10:05	2/7/2024 11:40	95	0
1412757	2/7/2024 10:05	2/7/2024 19:37	572	0
1463218	2/7/2024 10:05	2/7/2024 11:34	89	0
456099	2/7/2024 10:05	2/7/2024 10:51	46	0
1430294	2/7/2024 10:05	2/7/2024 14:22	257	0
7178975	2/7/2024 10:06	2/7/2024 19:43	577	0.34
506261	2/7/2024 10:06	2/7/2024 19:38	572	0.06
601397	2/7/2024 10:06	2/7/2024 11:35	89	0
1464949	2/7/2024 10:07	2/7/2024 11:36	89	0
11081884	2/7/2024 10:07	2/7/2024 10:22	15	0
509233	2/7/2024 10:08	2/7/2024 19:44	576	0
740241	2/7/2024 10:08	2/7/2024 11:53	105	0
1557100	2/7/2024 10:08	2/7/2024 11:37	89	0
1515733	2/7/2024 10:08	2/7/2024 11:37	89	0.75
315306	2/7/2024 10:09	2/7/2024 19:44	575	0.23
1310926	2/7/2024 10:09	2/7/2024 19:43	574	0
8148103	2/7/2024 10:09	2/7/2024 19:46	577	0
793690	2/7/2024 10:09	2/7/2024 11:38	89	0
1309098	2/7/2024 10:10	2/7/2024 19:37	567	1.87

34905	2/7/2024 10:10	2/7/2024 10:42	32	0
224277	2/7/2024 10:10	2/7/2024 19:37	567	0
1538916	2/7/2024 10:11	2/7/2024 19:43	572	0
1430644	2/7/2024 10:11	2/7/2024 14:24	253	0.3
1539692	2/7/2024 10:11	2/7/2024 19:37	566	0.16
316997	2/7/2024 10:11	2/7/2024 19:48	577	0
345647	2/7/2024 10:11	2/7/2024 19:49	578	0
189581	2/7/2024 10:12	2/7/2024 10:59	47	0
1538349	2/7/2024 10:12	2/7/2024 19:39	567	0.52
188639	2/7/2024 10:12	2/7/2024 10:44	32	0.19
29635	2/7/2024 10:12	2/7/2024 10:43	31	0
1538398	2/7/2024 10:13	2/7/2024 19:44	571	0
342796	2/7/2024 10:13	2/7/2024 19:38	565	0.08
1538880	2/7/2024 10:14	2/7/2024 19:38	564	0
346967	2/7/2024 10:14	2/7/2024 19:44	570	1.08
25674	2/7/2024 10:14	2/7/2024 10:40	26	0
1539469	2/7/2024 10:14	2/7/2024 19:36	562	0
6761269	2/7/2024 10:16	2/7/2024 19:37	561	0
561672	2/7/2024 10:18	2/7/2024 11:47	89	0
1664433	2/7/2024 10:19	2/7/2024 12:04	105	0
197690	2/7/2024 10:19	2/7/2024 11:38	79	0
926657	2/7/2024 10:19	2/7/2024 10:51	32	0
449036	2/7/2024 10:19	2/7/2024 11:32	73	0.3
196408	2/7/2024 10:19	2/7/2024 11:38	79	0
197561	2/7/2024 10:20	2/7/2024 11:38	78	0
1555268	2/7/2024 10:20	2/7/2024 11:39	79	0
197883	2/7/2024 10:20	2/7/2024 11:39	79	0
574993	2/7/2024 10:21	2/7/2024 10:26	5	0
1511264	2/7/2024 10:21	2/7/2024 11:56	95	0
1220897	2/7/2024 10:21	2/7/2024 19:34	553	0
1683861	2/7/2024 10:21	2/7/2024 11:40	79	0.57
860281	2/7/2024 10:21	2/7/2024 11:35	74	0
70866	2/7/2024 10:22	2/7/2024 11:54	92	0
11081884	2/7/2024 10:22	2/7/2024 11:37	75	0
645144	2/7/2024 10:22	2/7/2024 14:24	242	0.54
197629	2/7/2024 10:23	2/7/2024 11:36	73	0
790670	2/7/2024 10:23	2/7/2024 11:42	79	0
195839	2/7/2024 10:24	2/7/2024 11:37	73	0
645339	2/7/2024 10:25	2/7/2024 14:21	236	0
280173	2/7/2024 10:25	2/7/2024 19:40	555	0
6714863	2/7/2024 10:25	2/7/2024 11:39	74	0
793285	2/7/2024 10:26	2/7/2024 11:40	74	0
1503507	2/7/2024 10:26	2/7/2024 14:44	258	0
574993	2/7/2024 10:26	2/7/2024 10:52	26	0
1511251	2/7/2024 10:26	2/7/2024 11:55	89	0
449377	2/7/2024 10:27	2/7/2024 11:35	68	0
1393633	2/7/2024 10:28	2/7/2024 19:35	547	2.09

416557	2/7/2024 10:29	2/7/2024 19:33	544	0
1583853	2/7/2024 10:30	2/7/2024 19:31	541	0
1556565	2/7/2024 10:30	2/7/2024 10:46	16	0
1573666	2/7/2024 10:30	2/7/2024 19:42	552	0
1403562	2/7/2024 10:31	2/7/2024 14:43	252	0
1416360	2/7/2024 10:31	2/7/2024 10:47	16	0
997397	2/7/2024 10:31	2/7/2024 11:32	61	0
1557188	2/7/2024 10:31	2/7/2024 10:47	16	0
1554218	2/7/2024 10:31	2/7/2024 10:47	16	0
347230	2/7/2024 10:32	2/7/2024 12:59	147	0
1556352	2/7/2024 10:32	2/7/2024 11:40	68	0.23
1414392	2/7/2024 10:32	2/7/2024 10:52	20	0
980398	2/7/2024 10:32	2/7/2024 11:14	42	0
455345	2/7/2024 10:32	2/7/2024 10:48	16	0
454861	2/7/2024 10:32	2/7/2024 10:53	21	0.04
1557303	2/7/2024 10:32	2/7/2024 10:48	16	0
454901	2/7/2024 10:33	2/7/2024 10:48	15	0
1394365	2/7/2024 10:33	2/7/2024 14:18	225	0
1556486	2/7/2024 10:34	2/7/2024 10:49	15	0
1556434	2/7/2024 10:34	2/7/2024 10:45	11	0
624716	2/7/2024 10:35	2/7/2024 19:42	547	0
457729	2/7/2024 10:35	2/7/2024 10:51	16	0
457978	2/7/2024 10:35	2/7/2024 10:51	16	0
626477	2/7/2024 10:35	2/7/2024 19:33	538	0
1394324	2/7/2024 10:35	2/7/2024 10:40	5	0
1415828	2/7/2024 10:35	2/7/2024 10:50	15	0
511266	2/7/2024 10:36	2/7/2024 19:42	546	0
510307	2/7/2024 10:36	2/7/2024 19:35	539	0
623612	2/7/2024 10:36	2/7/2024 19:42	546	0
623871	2/7/2024 10:36	2/7/2024 19:39	543	0
9063373	2/7/2024 10:36	2/7/2024 14:18	222	0
646026	2/7/2024 10:37	2/7/2024 14:23	226	0
1546695	2/7/2024 10:37	2/7/2024 11:40	63	0
623069	2/7/2024 10:37	2/7/2024 19:33	536	0
8387677	2/7/2024 10:38	2/7/2024 19:44	546	0
507365	2/7/2024 10:38	2/7/2024 19:39	541	0
610737	2/7/2024 10:38	2/7/2024 11:57	79	0
1020565	2/7/2024 10:39	2/7/2024 11:16	37	0
1073095	2/7/2024 10:39	2/7/2024 11:52	73	0
1378141	2/7/2024 10:40	2/7/2024 14:52	252	0.31
609437	2/7/2024 10:40	2/7/2024 12:09	89	0
1550815	2/7/2024 10:40	2/7/2024 11:37	57	0
25674	2/7/2024 10:40	2/7/2024 12:51	131	0
1394324	2/7/2024 10:40	2/7/2024 10:50	10	0
6995795	2/7/2024 10:41	2/7/2024 14:11	210	0
1377844	2/7/2024 10:41	2/7/2024 14:53	252	0
23462	2/7/2024 10:41	2/7/2024 11:13	32	0

1064514	2/7/2024 10:42	2/7/2024 19:28	526	0
609850	2/7/2024 10:42	2/7/2024 11:56	74	0
34905	2/7/2024 10:42	2/7/2024 10:58	16	0
381982	2/7/2024 10:42	2/7/2024 14:12	210	0
326028	2/7/2024 10:42	2/7/2024 18:24	462	0
425936	2/7/2024 10:43	2/7/2024 19:37	534	0
956968	2/7/2024 10:43	2/7/2024 11:56	73	0
7879030	2/7/2024 10:43	2/7/2024 14:13	210	0
1406535	2/7/2024 10:43	2/7/2024 12:43	120	0
380736	2/7/2024 10:43	2/7/2024 14:13	210	0
29635	2/7/2024 10:43	2/7/2024 10:59	16	0
380057	2/7/2024 10:44	2/7/2024 14:15	211	0
188639	2/7/2024 10:44	2/7/2024 19:42	538	1.06
955448	2/7/2024 10:44	2/7/2024 11:57	73	0
26864	2/7/2024 10:44	2/7/2024 11:00	16	0
957216	2/7/2024 10:45	2/7/2024 11:59	74	0
1556246	2/7/2024 10:45	2/7/2024 11:38	53	0
1405290	2/7/2024 10:45	2/7/2024 12:46	121	0.02
957615	2/7/2024 10:45	2/7/2024 11:59	74	0
1556434	2/7/2024 10:45	2/7/2024 11:37	52	0.06
1556565	2/7/2024 10:46	2/7/2024 11:38	52	0
413869	2/7/2024 10:46	2/7/2024 19:47	541	0
593397	2/7/2024 10:46	2/7/2024 19:36	530	0
1557188	2/7/2024 10:47	2/7/2024 11:40	53	0
1556243	2/7/2024 10:47	2/7/2024 11:40	53	0
1064575	2/7/2024 10:47	2/7/2024 19:39	532	0.06
1554218	2/7/2024 10:47	2/7/2024 11:40	53	0
1416360	2/7/2024 10:47	2/7/2024 19:43	536	0
428179	2/7/2024 10:47	2/7/2024 19:32	525	0
454901	2/7/2024 10:48	2/7/2024 11:35	47	0.11
265473	2/7/2024 10:48	2/7/2024 19:43	535	0
1557303	2/7/2024 10:48	2/7/2024 11:40	52	0
455345	2/7/2024 10:48	2/7/2024 11:35	47	0
266906	2/7/2024 10:48	2/7/2024 19:42	534	0
562727	2/7/2024 10:48	2/7/2024 11:46	58	0
1556486	2/7/2024 10:49	2/7/2024 11:42	53	0
1557676	2/7/2024 10:49	2/7/2024 11:41	52	0.81
593366	2/7/2024 10:49	2/7/2024 19:33	524	0
1415828	2/7/2024 10:50	2/7/2024 19:39	529	0
1394324	2/7/2024 10:50	2/7/2024 14:21	211	0
1466638	2/7/2024 10:50	2/7/2024 11:06	16	0
1453263	2/7/2024 10:50	2/7/2024 19:41	531	0
457978	2/7/2024 10:51	2/7/2024 11:38	47	0
456099	2/7/2024 10:51	2/7/2024 11:33	42	0
266010	2/7/2024 10:51	2/7/2024 19:36	525	0
926657	2/7/2024 10:51	2/7/2024 11:33	42	0
457729	2/7/2024 10:51	2/7/2024 11:33	42	0

8668965	2/7/2024 10:52	2/7/2024 19:32	520	0
1414392	2/7/2024 10:52	2/7/2024 19:43	531	0
574993	2/7/2024 10:52	2/7/2024 10:58	6	0
791361	2/7/2024 10:52	2/7/2024 11:55	63	0
1332906	2/7/2024 10:52	2/7/2024 19:32	520	0.23
7932279	2/7/2024 10:52	2/7/2024 19:37	525	0
792446	2/7/2024 10:52	2/7/2024 12:07	75	0
552210	2/7/2024 10:53	2/7/2024 19:36	523	0
508593	2/7/2024 10:53	2/7/2024 19:37	524	0
265864	2/7/2024 10:53	2/7/2024 19:38	525	0
10659831	2/7/2024 10:53	2/7/2024 19:43	530	0
454861	2/7/2024 10:53	2/7/2024 11:35	42	0.2
1516579	2/7/2024 10:54	2/7/2024 10:59	5	0
793737	2/7/2024 10:54	2/7/2024 11:52	58	0
34613	2/7/2024 10:55	2/7/2024 11:11	16	0
27443	2/7/2024 10:55	2/7/2024 19:49	534	0.43
793937	2/7/2024 10:55	2/7/2024 11:58	63	0
26921	2/7/2024 10:55	2/7/2024 19:42	527	0.64
27852	2/7/2024 10:56	2/7/2024 11:12	16	0
794132	2/7/2024 10:56	2/7/2024 11:54	58	0
34887	2/7/2024 10:56	2/7/2024 11:12	16	0
27483	2/7/2024 10:57	2/7/2024 11:13	16	0
125572	2/7/2024 10:57	2/7/2024 14:09	192	0.77
35442	2/7/2024 10:57	2/7/2024 11:13	16	0
353082	2/7/2024 10:58	2/7/2024 11:14	16	0
29848	2/7/2024 10:58	2/7/2024 11:13	15	0.01
34832	2/7/2024 10:58	2/7/2024 11:14	16	0
34905	2/7/2024 10:58	2/7/2024 11:13	15	0
574993	2/7/2024 10:58	2/7/2024 11:08	10	0
353371	2/7/2024 10:58	2/7/2024 11:14	16	0
975066	2/7/2024 10:58	2/7/2024 19:39	521	0
29635	2/7/2024 10:59	2/7/2024 11:31	32	0
1516579	2/7/2024 10:59	2/7/2024 11:10	11	0
189581	2/7/2024 10:59	2/7/2024 11:15	16	0
26864	2/7/2024 11:00	2/7/2024 11:26	26	0
259674	2/7/2024 11:00	2/7/2024 19:38	518	0
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1041597	2/7/2024 11:01	2/7/2024 11:48	47	0
353651	2/7/2024 11:01	2/7/2024 13:49	168	0
197356	2/7/2024 11:04	2/7/2024 11:09	5	0
563721	2/7/2024 11:04	2/7/2024 11:46	42	0
274125	2/7/2024 11:04	2/7/2024 19:43	519	0
675499	2/7/2024 11:04	2/7/2024 19:28	504	0
1456419	2/7/2024 11:04	2/7/2024 19:39	515	0
1342473	2/7/2024 11:05	2/7/2024 11:37	32	0
274059	2/7/2024 11:06	2/7/2024 19:46	520	0
1466638	2/7/2024 11:06	2/7/2024 14:20	194	0

353728	2/7/2024 11:06	2/7/2024 11:17	11	0
324290	2/7/2024 11:06	2/7/2024 11:37	31	0
267537	2/7/2024 11:07	2/7/2024 19:43	516	0
68308	2/7/2024 11:07	2/7/2024 15:19	252	0
325050	2/7/2024 11:08	2/7/2024 11:39	31	0
574993	2/7/2024 11:08	2/7/2024 11:13	5	0
127206	2/7/2024 11:08	2/8/2024 9:00	1311.92	0
197356	2/7/2024 11:09	2/7/2024 11:35	26	0
196965	2/7/2024 11:09	2/7/2024 11:41	32	0
1516579	2/7/2024 11:10	2/7/2024 11:15	5	0
569420	2/7/2024 11:10	2/7/2024 19:28	498	0
29748	2/7/2024 11:11	2/7/2024 19:41	510	0
34613	2/7/2024 11:11	2/7/2024 19:42	511	0.05
1384509	2/7/2024 11:11	2/7/2024 14:57	226	0
549596	2/7/2024 11:11	2/7/2024 14:10	179	0
549617	2/7/2024 11:11	2/7/2024 14:09	178	0.76
34887	2/7/2024 11:12	2/7/2024 19:43	511	0
570022	2/7/2024 11:12	2/7/2024 19:39	507	0
30471	2/7/2024 11:12	2/7/2024 11:33	21	0
27852	2/7/2024 11:12	2/7/2024 15:08	236	0
1670039	2/7/2024 11:13	2/7/2024 19:47	514	0
34905	2/7/2024 11:13	2/7/2024 19:43	510	0.2
346288	2/7/2024 11:13	2/7/2024 19:40	507	0
27483	2/7/2024 11:13	2/7/2024 11:29	16	0
10691024	2/7/2024 11:13	2/7/2024 11:44	31	0
35442	2/7/2024 11:13	2/7/2024 19:48	515	0
23462	2/7/2024 11:13	2/7/2024 11:28	15	0
1375227	2/7/2024 11:13	2/7/2024 14:32	199	0
23566	2/7/2024 11:13	2/7/2024 11:29	16	0
574993	2/7/2024 11:13	2/7/2024 11:24	11	0
29848	2/7/2024 11:13	2/7/2024 11:29	16	0.04
25066	2/7/2024 11:13	2/7/2024 11:28	15	0
353371	2/7/2024 11:14	2/7/2024 11:46	32	0.1
353082	2/7/2024 11:14	2/7/2024 11:45	31	0.2
34832	2/7/2024 11:14	2/7/2024 19:42	508	0
980398	2/7/2024 11:14	2/7/2024 11:45	31	0
28509	2/7/2024 11:15	2/7/2024 11:31	16	0
593798	2/7/2024 11:15	2/7/2024 19:34	499	0
587455	2/7/2024 11:15	2/7/2024 11:47	32	0
189581	2/7/2024 11:15	2/7/2024 19:44	509	0
1516579	2/7/2024 11:15	2/7/2024 11:26	11	0
1493132	2/7/2024 11:16	2/7/2024 14:27	191	1.63
1019446	2/7/2024 11:16	2/7/2024 11:32	16	0
1020565	2/7/2024 11:16	2/7/2024 12:14	58	0
10433250	2/7/2024 11:16	2/7/2024 14:30	194	0.67
353728	2/7/2024 11:17	2/7/2024 11:49	32	0
928438	2/7/2024 11:17	2/8/2024 9:00	1302.83	0

65553	2/7/2024 11:18	2/8/2024 9:00	1301.92	0
926503	2/7/2024 11:18	2/7/2024 19:30	492	0
381338	2/7/2024 11:18	2/7/2024 19:40	502	0
926505	2/7/2024 11:18	2/7/2024 19:39	501	0
8434548	2/7/2024 11:18	2/7/2024 19:39	501	1.32
8068454	2/7/2024 11:19	2/7/2024 19:48	509	0
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926638	2/7/2024 11:20	2/7/2024 19:33	493	0
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69207	2/7/2024 11:22	2/7/2024 11:48	26	0
1939790	2/7/2024 11:22	2/7/2024 11:37	15	0.28
564518	2/7/2024 11:23	2/7/2024 14:27	184	0
1417138	2/7/2024 11:23	2/7/2024 11:39	16	0
792391	2/7/2024 11:23	2/7/2024 11:55	32	0
574993	2/7/2024 11:24	2/7/2024 11:29	5	0
21820	2/7/2024 11:24	2/7/2024 19:45	501	0
417990	2/7/2024 11:24	2/7/2024 14:23	179	2.38
238732	2/7/2024 11:25	2/7/2024 12:12	47	0.19
1092960	2/7/2024 11:25	2/7/2024 19:34	489	0
10371746	2/7/2024 11:25	2/7/2024 14:12	167	0.13
549259	2/7/2024 11:25	2/7/2024 14:13	168	0
21306	2/7/2024 11:25	2/7/2024 19:42	497	0
317126	2/7/2024 11:25	2/7/2024 19:45	500	0
1516579	2/7/2024 11:26	2/7/2024 11:31	5	0
553863	2/7/2024 11:26	2/7/2024 14:25	179	0
237266	2/7/2024 11:26	2/7/2024 12:14	48	0
26864	2/7/2024 11:26	2/7/2024 19:38	492	0
1400258	2/7/2024 11:27	2/7/2024 11:42	15	0
1093833	2/7/2024 11:27	2/7/2024 14:25	178	0
1288420	2/7/2024 11:27	2/7/2024 11:32	5	0
24369	2/7/2024 11:28	2/8/2024 9:00	1291.92	0
23462	2/7/2024 11:28	2/7/2024 19:38	490	0
237312	2/7/2024 11:28	2/7/2024 12:10	42	0.12
567126	2/7/2024 11:28	2/7/2024 14:26	178	0
25066	2/7/2024 11:28	2/7/2024 19:44	496	0
29848	2/7/2024 11:29	2/7/2024 19:43	494	0
574993	2/7/2024 11:29	2/7/2024 11:40	11	0
237177	2/7/2024 11:29	2/7/2024 12:11	42	0
24124	2/7/2024 11:29	2/7/2024 19:50	501	0
23566	2/7/2024 11:29	2/7/2024 19:41	492	0
27483	2/7/2024 11:29	2/7/2024 19:42	493	0
1251782	2/7/2024 11:30	2/7/2024 19:46	496	0
817825	2/7/2024 11:30	2/7/2024 19:34	484	0
29635	2/7/2024 11:31	2/7/2024 19:34	483	0

28509	2/7/2024 11:31	2/7/2024 19:36	485	0
1516579	2/7/2024 11:31	2/7/2024 11:36	5	0
1019446	2/7/2024 11:32	2/7/2024 12:14	42	0
1288420	2/7/2024 11:32	2/8/2024 9:00	1287.5	0
997397	2/7/2024 11:32	2/7/2024 11:47	15	0
449036	2/7/2024 11:32	2/7/2024 14:46	194	0.24
30471	2/7/2024 11:33	2/7/2024 19:44	491	0
456099	2/7/2024 11:33	2/7/2024 12:20	47	0
926657	2/7/2024 11:33	2/7/2024 13:50	137	0
816722	2/7/2024 11:33	2/7/2024 19:27	474	0
817260	2/7/2024 11:33	2/7/2024 19:39	486	0.17
1462990	2/7/2024 11:33	2/7/2024 12:36	63	0
457729	2/7/2024 11:33	2/7/2024 12:20	47	0
1463218	2/7/2024 11:34	2/7/2024 12:37	63	0
1547686	2/7/2024 11:34	2/7/2024 12:22	48	0
454901	2/7/2024 11:35	2/7/2024 12:21	46	0.13
1515964	2/7/2024 11:35	2/7/2024 11:50	15	0
1549376	2/7/2024 11:35	2/7/2024 12:22	47	0
601397	2/7/2024 11:35	2/7/2024 14:07	152	0
860281	2/7/2024 11:35	2/7/2024 11:51	16	0
455345	2/7/2024 11:35	2/7/2024 12:23	48	0
454861	2/7/2024 11:35	2/7/2024 12:22	47	0.29
197356	2/7/2024 11:35	2/7/2024 14:39	184	0
449377	2/7/2024 11:35	2/7/2024 12:22	47	0
1516579	2/7/2024 11:36	2/7/2024 11:41	5	0
328408	2/7/2024 11:36	2/8/2024 9:00	1283.92	0
1464949	2/7/2024 11:36	2/7/2024 12:34	58	0
197629	2/7/2024 11:36	2/7/2024 14:40	184	0.64
486880	2/7/2024 11:36	2/8/2024 9:00	1283.78	0
455994	2/7/2024 11:36	2/7/2024 12:28	52	0
324249	2/7/2024 11:36	2/7/2024 14:40	184	0
1437071	2/7/2024 11:37	2/7/2024 19:39	482	0.14
1555376	2/7/2024 11:37	2/7/2024 12:23	46	0
486985	2/7/2024 11:37	2/8/2024 9:00	1282.78	0
1556434	2/7/2024 11:37	2/7/2024 11:53	16	0
324045	2/7/2024 11:37	2/7/2024 14:51	194	0
1543009	2/7/2024 11:37	2/7/2024 11:53	16	0
1939790	2/7/2024 11:37	2/7/2024 12:24	47	0.42
1557100	2/7/2024 11:37	2/7/2024 11:53	16	0
1432940	2/7/2024 11:37	2/7/2024 15:38	241	0
1554677	2/7/2024 11:37	2/7/2024 12:24	47	0
558031	2/7/2024 11:37	2/7/2024 14:10	153	0
1417279	2/7/2024 11:37	2/7/2024 11:53	16	0
1342473	2/7/2024 11:37	2/7/2024 11:53	16	0
1550815	2/7/2024 11:37	2/7/2024 12:24	47	0
324290	2/7/2024 11:37	2/7/2024 14:41	184	0
323657	2/7/2024 11:37	2/7/2024 14:41	184	0.02

1515733	2/7/2024 11:37	2/7/2024 11:53	16	0.1
1543287	2/7/2024 11:37	2/7/2024 19:37	480	0
11081884	2/7/2024 11:37	2/7/2024 14:36	179	0
195839	2/7/2024 11:37	2/7/2024 14:38	181	0
1551513	2/7/2024 11:37	2/7/2024 12:24	47	0
1547843	2/7/2024 11:38	2/7/2024 12:25	47	0.14
457978	2/7/2024 11:38	2/7/2024 12:20	42	0
1547692	2/7/2024 11:38	2/7/2024 12:25	47	0
196408	2/7/2024 11:38	2/7/2024 14:36	178	0
852125	2/7/2024 11:38	2/7/2024 12:20	42	0
854579	2/7/2024 11:38	2/7/2024 12:20	42	0
197561	2/7/2024 11:38	2/7/2024 14:37	179	0.35
197690	2/7/2024 11:38	2/7/2024 14:36	178	0
1433348	2/7/2024 11:38	2/7/2024 15:39	241	0
1556246	2/7/2024 11:38	2/7/2024 11:53	15	0
859747	2/7/2024 11:38	2/7/2024 11:54	16	0
1535304	2/7/2024 11:38	2/7/2024 11:48	10	0
323747	2/7/2024 11:38	2/7/2024 14:37	179	0.21
793690	2/7/2024 11:38	2/7/2024 12:09	31	0
989956	2/7/2024 11:38	2/7/2024 14:35	177	0
1556565	2/7/2024 11:38	2/7/2024 11:54	16	0
1535397	2/7/2024 11:38	2/7/2024 11:53	15	0
10013697	2/7/2024 11:38	2/7/2024 12:25	47	0
574596	2/7/2024 11:38	2/7/2024 11:53	15	0
6714863	2/7/2024 11:39	2/7/2024 12:10	31	0
325050	2/7/2024 11:39	2/7/2024 14:38	179	0
1417138	2/7/2024 11:39	2/7/2024 11:49	10	0
1555268	2/7/2024 11:39	2/7/2024 12:21	42	0
197883	2/7/2024 11:39	2/7/2024 14:38	179	0
609757	2/7/2024 11:39	2/8/2024 9:00	1280.78	0
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574993	2/7/2024 11:40	2/7/2024 11:45	5	0
1683861	2/7/2024 11:40	2/7/2024 14:38	178	0.05
1549436	2/7/2024 11:40	2/7/2024 12:22	42	0
1556352	2/7/2024 11:40	2/7/2024 11:56	16	0
1554218	2/7/2024 11:40	2/7/2024 11:55	15	0
411053	2/7/2024 11:40	2/7/2024 13:14	94	0
1557303	2/7/2024 11:40	2/7/2024 11:56	16	0
1190246	2/7/2024 11:40	2/7/2024 12:27	47	0
561757	2/7/2024 11:40	2/7/2024 14:07	147	0
793285	2/7/2024 11:40	2/7/2024 12:11	31	0
1546695	2/7/2024 11:40	2/7/2024 12:22	42	0
1557188	2/7/2024 11:40	2/7/2024 11:55	15	0
605186	2/7/2024 11:40	2/7/2024 14:07	147	0
1556243	2/7/2024 11:40	2/7/2024 11:55	15	0
1557676	2/7/2024 11:41	2/7/2024 11:52	11	0.14
1516579	2/7/2024 11:41	2/7/2024 14:09	148	0

196965	2/7/2024 11:41	2/7/2024 14:39	178	0.09
1400258	2/7/2024 11:42	2/7/2024 11:57	15	0
790670	2/7/2024 11:42	2/7/2024 12:08	26	0
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10691024	2/7/2024 11:44	2/7/2024 19:47	483	0
574993	2/7/2024 11:45	2/7/2024 11:50	5	0
980398	2/7/2024 11:45	2/7/2024 12:01	16	0
611761	2/7/2024 11:45	2/8/2024 9:00	1274.78	0
353082	2/7/2024 11:45	2/7/2024 12:58	73	0
562727	2/7/2024 11:46	2/7/2024 14:34	168	0
353371	2/7/2024 11:46	2/7/2024 12:59	73	0
563721	2/7/2024 11:46	2/7/2024 14:34	168	0
587455	2/7/2024 11:47	2/7/2024 12:03	16	0
561672	2/7/2024 11:47	2/7/2024 14:35	168	0
8495802	2/7/2024 11:47	2/7/2024 12:03	16	0.02
997397	2/7/2024 11:47	2/7/2024 14:30	163	0
1041597	2/7/2024 11:48	2/7/2024 11:59	11	0
69207	2/7/2024 11:48	2/7/2024 19:50	482	0
1535304	2/7/2024 11:48	2/7/2024 12:20	32	0
67122	2/7/2024 11:49	2/8/2024 9:00	1270.92	0
320966	2/7/2024 11:49	2/7/2024 12:15	26	0
1417138	2/7/2024 11:49	2/7/2024 14:37	168	0
353728	2/7/2024 11:49	2/7/2024 13:02	73	0
1515964	2/7/2024 11:50	2/7/2024 12:06	16	0
65245	2/7/2024 11:50	2/7/2024 19:40	470	0
574993	2/7/2024 11:50	2/7/2024 11:55	5	0
67738	2/7/2024 11:50	2/8/2024 9:00	1269.92	0
860281	2/7/2024 11:51	2/7/2024 12:06	15	0
68620	2/7/2024 11:51	2/7/2024 19:43	472	0
800590	2/7/2024 11:52	2/7/2024 12:07	15	0
1557676	2/7/2024 11:52	2/7/2024 14:34	162	0.28
1556486	2/7/2024 11:52	2/7/2024 14:19	147	0
1073095	2/7/2024 11:52	2/7/2024 12:08	16	0
793737	2/7/2024 11:52	2/7/2024 12:08	16	0
1342473	2/7/2024 11:53	2/7/2024 12:08	15	0
574596	2/7/2024 11:53	2/7/2024 12:08	15	0
1557100	2/7/2024 11:53	2/7/2024 19:38	465	0
1556434	2/7/2024 11:53	2/7/2024 14:20	147	0.02
1417279	2/7/2024 11:53	2/7/2024 15:07	194	0
1556246	2/7/2024 11:53	2/7/2024 14:36	163	0
1515733	2/7/2024 11:53	2/7/2024 12:09	16	0.05
740241	2/7/2024 11:53	2/7/2024 12:09	16	0
1543009	2/7/2024 11:53	2/7/2024 12:19	26	0
800588	2/7/2024 11:53	2/7/2024 12:09	16	0
1535397	2/7/2024 11:53	2/7/2024 12:19	26	0
1518000	2/7/2024 11:54	2/7/2024 14:25	151	0
801004	2/7/2024 11:54	2/7/2024 12:10	16	0

70866	2/7/2024 11:54	2/7/2024 12:07	13	0
859747	2/7/2024 11:54	2/7/2024 12:04	10	0
1523524	2/7/2024 11:54	2/7/2024 14:25	151	0
1556565	2/7/2024 11:54	2/7/2024 14:16	142	0
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794132	2/7/2024 11:54	2/7/2024 12:09	15	0
561541	2/7/2024 11:55	2/7/2024 19:32	457	0.04
1556243	2/7/2024 11:55	2/7/2024 14:33	158	0
792391	2/7/2024 11:55	2/7/2024 12:11	16	0
574993	2/7/2024 11:55	2/7/2024 12:06	11	0
1511251	2/7/2024 11:55	2/7/2024 12:11	16	0
562658	2/7/2024 11:55	2/7/2024 19:38	463	0
1557188	2/7/2024 11:55	2/7/2024 14:17	142	0
791361	2/7/2024 11:55	2/7/2024 12:10	15	0
1554218	2/7/2024 11:55	2/7/2024 14:17	142	0
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1557303	2/7/2024 11:56	2/7/2024 14:18	142	0
563241	2/7/2024 11:56	2/7/2024 19:38	462	0
1556352	2/7/2024 11:56	2/7/2024 14:18	142	0.04
562856	2/7/2024 11:56	2/7/2024 19:43	467	0
609850	2/7/2024 11:56	2/7/2024 12:11	15	0
956968	2/7/2024 11:56	2/7/2024 12:12	16	0
1400258	2/7/2024 11:57	2/7/2024 12:12	15	0
955448	2/7/2024 11:57	2/7/2024 12:13	16	0
610737	2/7/2024 11:57	2/7/2024 12:13	16	0
793937	2/7/2024 11:58	2/7/2024 12:08	10	0
957615	2/7/2024 11:59	2/7/2024 12:15	16	0
1524033	2/7/2024 11:59	2/7/2024 14:26	147	0.12
1041597	2/7/2024 11:59	2/7/2024 14:16	137	0
957216	2/7/2024 11:59	2/7/2024 12:14	15	0
1672745	2/7/2024 12:00	2/7/2024 19:42	462	0
980398	2/7/2024 12:01	2/7/2024 12:48	47	0
309961	2/7/2024 12:02	2/8/2024 9:00	1257.92	0
399291	2/7/2024 12:02	2/7/2024 19:44	462	0
8495802	2/7/2024 12:03	2/7/2024 14:14	131	0
587455	2/7/2024 12:03	2/7/2024 19:40	457	0
1664433	2/7/2024 12:04	2/7/2024 14:36	152	0
859747	2/7/2024 12:04	2/7/2024 13:08	64	0
451783	2/7/2024 12:04	2/7/2024 19:39	455	0
308959	2/7/2024 12:05	2/8/2024 9:00	1254.92	0
860281	2/7/2024 12:06	2/7/2024 13:04	58	0
574993	2/7/2024 12:06	2/7/2024 12:11	5	0
1511264	2/7/2024 12:06	2/7/2024 14:07	121	0
1515964	2/7/2024 12:06	2/8/2024 8:03	1197	0
800590	2/7/2024 12:07	2/7/2024 12:55	48	0
70866	2/7/2024 12:07	2/7/2024 19:44	457	0

792446	2/7/2024 12:07	2/7/2024 13:54	107	0
574596	2/7/2024 12:08	2/7/2024 13:38	90	0
1073095	2/7/2024 12:08	2/7/2024 19:34	446	0
1342473	2/7/2024 12:08	2/7/2024 14:51	163	0
790670	2/7/2024 12:08	2/7/2024 12:24	16	0
903630	2/7/2024 12:08	2/7/2024 19:36	448	0
793737	2/7/2024 12:08	2/7/2024 12:55	47	0
793937	2/7/2024 12:08	2/7/2024 12:56	48	0
740241	2/7/2024 12:09	2/7/2024 13:54	105	0
793690	2/7/2024 12:09	2/7/2024 12:25	16	0
794132	2/7/2024 12:09	2/7/2024 14:13	124	0
1515733	2/7/2024 12:09	2/7/2024 14:10	121	0
609437	2/7/2024 12:09	2/7/2024 19:39	450	0
1515678	2/7/2024 12:09	2/8/2024 8:02	1193	0
800588	2/7/2024 12:09	2/7/2024 12:56	47	0
455629	2/7/2024 12:10	2/7/2024 12:20	10	0
791361	2/7/2024 12:10	2/7/2024 12:52	42	0
801004	2/7/2024 12:10	2/7/2024 12:57	47	0
237312	2/7/2024 12:10	2/8/2024 9:00	1249.92	0.01
6714863	2/7/2024 12:10	2/7/2024 12:26	16	0
237177	2/7/2024 12:11	2/8/2024 9:00	1248.92	0
609850	2/7/2024 12:11	2/7/2024 19:32	441	0
793285	2/7/2024 12:11	2/7/2024 12:27	16	0
800600	2/7/2024 12:11	2/7/2024 12:58	47	0
1511251	2/7/2024 12:11	2/7/2024 14:06	115	0
792391	2/7/2024 12:11	2/7/2024 12:53	42	0
574993	2/7/2024 12:11	2/7/2024 12:22	11	0
238732	2/7/2024 12:12	2/8/2024 9:00	1247.92	0.03
1400258	2/7/2024 12:12	2/7/2024 14:27	135	0
956968	2/7/2024 12:12	2/8/2024 9:00	1247.53	0
397349	2/7/2024 12:13	2/7/2024 19:53	460	0
610737	2/7/2024 12:13	2/7/2024 19:39	446	0
955448	2/7/2024 12:13	2/7/2024 15:43	210	0
237266	2/7/2024 12:14	2/8/2024 9:00	1245.92	0
1020565	2/7/2024 12:14	2/7/2024 14:17	123	0
1019446	2/7/2024 12:14	2/7/2024 15:01	167	0
957216	2/7/2024 12:14	2/8/2024 9:00	1245.53	0
957615	2/7/2024 12:15	2/7/2024 14:11	116	0
320966	2/7/2024 12:15	2/7/2024 15:35	200	0
450309	2/7/2024 12:17	2/8/2024 9:00	1242.78	0
1535397	2/7/2024 12:19	2/7/2024 15:08	169	0
1543009	2/7/2024 12:19	2/7/2024 14:04	105	0
854579	2/7/2024 12:20	2/7/2024 14:20	120	0
1535304	2/7/2024 12:20	2/7/2024 15:05	165	0
455629	2/7/2024 12:20	2/7/2024 15:03	163	0
457729	2/7/2024 12:20	2/7/2024 15:08	168	0
457978	2/7/2024 12:20	2/7/2024 15:09	169	0

456099	2/7/2024 12:20	2/7/2024 15:08	168	0
852125	2/7/2024 12:20	2/7/2024 14:21	121	0
1551510	2/7/2024 12:21	2/7/2024 14:53	152	0
1555268	2/7/2024 12:21	2/7/2024 14:53	152	0
454901	2/7/2024 12:21	2/7/2024 15:04	163	0.05
454861	2/7/2024 12:22	2/7/2024 15:05	163	0.05
574993	2/7/2024 12:22	2/7/2024 12:27	5	0
1546695	2/7/2024 12:22	2/7/2024 14:54	152	0
1549436	2/7/2024 12:22	2/7/2024 19:43	441	0
1549376	2/7/2024 12:22	2/7/2024 19:38	436	0
1547686	2/7/2024 12:22	2/7/2024 19:43	441	0
449377	2/7/2024 12:22	2/7/2024 13:09	47	0
455345	2/7/2024 12:23	2/7/2024 15:05	162	0
1555376	2/7/2024 12:23	2/7/2024 14:50	147	0
790670	2/7/2024 12:24	2/7/2024 14:56	152	0
1939790	2/7/2024 12:24	2/7/2024 19:37	433	0.24
1554677	2/7/2024 12:24	2/7/2024 14:51	147	0
1550815	2/7/2024 12:24	2/7/2024 14:51	147	0
1551513	2/7/2024 12:24	2/7/2024 14:51	147	0
1547843	2/7/2024 12:25	2/7/2024 19:42	437	0.02
1547692	2/7/2024 12:25	2/7/2024 21:55	570	0
793690	2/7/2024 12:25	2/7/2024 14:57	152	0
10013697	2/7/2024 12:25	2/7/2024 14:52	147	0
6714863	2/7/2024 12:26	2/7/2024 14:53	147	0.22
1190246	2/7/2024 12:27	2/7/2024 13:09	42	0
574993	2/7/2024 12:27	2/7/2024 13:35	68	0
793285	2/7/2024 12:27	2/7/2024 14:54	147	0
8511623	2/7/2024 12:28	2/7/2024 15:41	193	0
455994	2/7/2024 12:28	2/7/2024 14:08	100	0
1464949	2/7/2024 12:34	2/7/2024 14:04	90	0
1462990	2/7/2024 12:36	2/7/2024 14:37	121	0
1463218	2/7/2024 12:37	2/7/2024 14:07	90	0
1406535	2/7/2024 12:43	2/8/2024 9:00	1216.5	0
980132	2/7/2024 12:44	2/7/2024 14:02	78	0
1405290	2/7/2024 12:46	2/7/2024 13:59	73	0
980870	2/7/2024 12:47	2/7/2024 19:34	407	0
328113	2/7/2024 12:48	2/7/2024 13:46	58	0
980398	2/7/2024 12:48	2/7/2024 15:00	132	0
25674	2/7/2024 12:51	2/8/2024 9:00	1208.92	0
791361	2/7/2024 12:52	2/7/2024 14:27	95	0
792391	2/7/2024 12:53	2/7/2024 14:27	94	0
793737	2/7/2024 12:55	2/7/2024 13:53	58	0
800590	2/7/2024 12:55	2/7/2024 14:24	89	0
793937	2/7/2024 12:56	2/7/2024 13:53	57	0
800588	2/7/2024 12:56	2/7/2024 14:25	89	0
1407881	2/7/2024 12:57	2/8/2024 9:00	1202.5	0
801004	2/7/2024 12:57	2/7/2024 14:26	89	0

353082	2/7/2024 12:58	2/7/2024 14:17	79	0
800600	2/7/2024 12:58	2/7/2024 14:27	89	0
353371	2/7/2024 12:59	2/7/2024 14:12	73	0
347230	2/7/2024 12:59	2/8/2024 9:00	1200.92	0
353728	2/7/2024 13:02	2/7/2024 14:26	84	0
860281	2/7/2024 13:04	2/7/2024 13:36	32	0
945898	2/7/2024 13:06	2/7/2024 14:03	57	0
859747	2/7/2024 13:08	2/7/2024 13:39	31	0
449377	2/7/2024 13:09	2/7/2024 13:41	32	0
1190246	2/7/2024 13:09	2/7/2024 13:56	47	0
1503739	2/7/2024 13:12	2/8/2024 9:00	1187.53	0
411053	2/7/2024 13:14	2/8/2024 9:00	1185.78	0
982457	2/7/2024 13:30	2/7/2024 13:46	16	0
574993	2/7/2024 13:35	2/7/2024 13:40	5	0
860281	2/7/2024 13:36	2/7/2024 14:07	31	0
1511532	2/7/2024 13:37	2/7/2024 13:52	15	0
1508563	2/7/2024 13:37	2/7/2024 13:54	17	0
574596	2/7/2024 13:38	2/7/2024 14:08	30	0
859747	2/7/2024 13:39	2/7/2024 14:05	26	0
574993	2/7/2024 13:40	2/7/2024 13:51	11	0
449377	2/7/2024 13:41	2/7/2024 14:44	63	0
328113	2/7/2024 13:46	2/7/2024 15:31	105	0
982457	2/7/2024 13:46	2/8/2024 9:00	1153.53	0
353651	2/7/2024 13:49	2/7/2024 14:13	24	0
926657	2/7/2024 13:50	2/7/2024 14:21	31	0
574993	2/7/2024 13:51	2/7/2024 13:56	5	0
1511532	2/7/2024 13:52	2/7/2024 14:08	16	0
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793737	2/7/2024 13:53	2/7/2024 14:24	31	0
1508563	2/7/2024 13:54	2/7/2024 14:08	14	0
740241	2/7/2024 13:54	2/7/2024 19:31	337	0
792446	2/7/2024 13:54	2/7/2024 14:26	32	0
574993	2/7/2024 13:56	2/7/2024 14:07	11	0
1190246	2/7/2024 13:56	2/7/2024 14:23	27	0
1020387	2/7/2024 13:57	2/7/2024 14:13	16	0
1405290	2/7/2024 13:59	2/8/2024 9:00	1140.5	0
980132	2/7/2024 14:02	2/7/2024 14:45	43	0
945898	2/7/2024 14:03	2/7/2024 14:20	17	0
1464949	2/7/2024 14:04	2/7/2024 14:19	15	0
1543009	2/7/2024 14:04	2/7/2024 15:49	105	0
859747	2/7/2024 14:05	2/7/2024 15:08	63	0
1511251	2/7/2024 14:06	2/7/2024 14:22	16	0
605186	2/7/2024 14:07	2/7/2024 19:43	336	0
601397	2/7/2024 14:07	2/7/2024 19:43	336	0
1488059	2/7/2024 14:07	2/8/2024 9:00	1132.53	0
860281	2/7/2024 14:07	2/7/2024 15:05	58	0
561757	2/7/2024 14:07	2/7/2024 19:38	331	0

574993	2/7/2024 14:07	2/7/2024 14:12	5	0
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1463218	2/7/2024 14:07	2/7/2024 14:17	10	0
1508563	2/7/2024 14:08	2/7/2024 14:24	16	0
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455994	2/7/2024 14:08	2/7/2024 15:05	57	0
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549617	2/7/2024 14:09	2/7/2024 19:34	325	0
125572	2/7/2024 14:09	2/7/2024 14:41	32	0
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558031	2/7/2024 14:10	2/7/2024 19:39	329	0
1515733	2/7/2024 14:10	2/7/2024 14:26	16	0
549596	2/7/2024 14:10	2/7/2024 19:40	330	0
6995795	2/7/2024 14:11	2/7/2024 14:27	16	0
957615	2/7/2024 14:11	2/7/2024 15:43	92	0
381982	2/7/2024 14:12	2/7/2024 14:28	16	0
10371746	2/7/2024 14:12	2/7/2024 15:10	58	0
353371	2/7/2024 14:12	2/7/2024 14:28	16	0
574993	2/7/2024 14:12	2/7/2024 14:22	10	0
549259	2/7/2024 14:13	2/7/2024 15:11	58	0
380736	2/7/2024 14:13	2/7/2024 14:29	16	0
7879030	2/7/2024 14:13	2/7/2024 14:28	15	0
353651	2/7/2024 14:13	2/7/2024 14:29	16	0
794132	2/7/2024 14:13	2/7/2024 14:23	10	0
1020387	2/7/2024 14:13	2/7/2024 14:29	16	0
8495802	2/7/2024 14:14	2/7/2024 15:01	47	0
1516579	2/7/2024 14:14	2/7/2024 14:24	10	0
380057	2/7/2024 14:15	2/7/2024 14:31	16	0
8950281	2/7/2024 14:16	2/7/2024 14:31	15	0
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1041597	2/7/2024 14:16	2/7/2024 14:31	15	0
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1463218	2/7/2024 14:17	2/7/2024 14:33	16	0
1554218	2/7/2024 14:17	2/7/2024 14:33	16	0
1020565	2/7/2024 14:17	2/7/2024 15:15	58	0
1394365	2/7/2024 14:18	2/7/2024 14:50	32	0
9063373	2/7/2024 14:18	2/7/2024 14:50	32	0
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352652	2/7/2024 14:18	2/8/2024 9:00	1121.92	0
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352962	2/7/2024 14:18	2/7/2024 19:38	320	0

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51957	2/7/2024 14:20	2/7/2024 14:36	16	0
854579	2/7/2024 14:20	2/7/2024 19:34	314	0
1556434	2/7/2024 14:20	2/7/2024 14:36	16	0
1466638	2/7/2024 14:20	2/7/2024 14:35	15	0
945898	2/7/2024 14:20	2/7/2024 14:35	15	0
926657	2/7/2024 14:21	2/7/2024 14:37	16	0
645339	2/7/2024 14:21	2/7/2024 14:37	16	0
852071	2/7/2024 14:21	2/7/2024 19:41	320	0
852125	2/7/2024 14:21	2/7/2024 19:40	319	0
1394324	2/7/2024 14:21	2/7/2024 14:52	31	0
1430294	2/7/2024 14:22	2/7/2024 14:38	16	0
1511251	2/7/2024 14:22	2/7/2024 15:25	63	0
574993	2/7/2024 14:22	2/7/2024 14:28	6	0
1430553	2/7/2024 14:23	2/7/2024 14:39	16	0
574596	2/7/2024 14:23	2/7/2024 14:38	15	0
794132	2/7/2024 14:23	2/7/2024 14:39	16	0
1511264	2/7/2024 14:23	2/7/2024 15:26	63	0.06
646026	2/7/2024 14:23	2/7/2024 14:38	15	0
1641091	2/7/2024 14:23	2/7/2024 15:11	48	0
1472045	2/7/2024 14:23	2/7/2024 14:39	16	0
1190246	2/7/2024 14:23	2/7/2024 14:38	15	0
417990	2/7/2024 14:23	2/7/2024 19:43	320	0
1430644	2/7/2024 14:24	2/7/2024 14:39	15	0
1516579	2/7/2024 14:24	2/7/2024 14:29	5	0
1511532	2/7/2024 14:24	2/7/2024 19:39	315	0
645144	2/7/2024 14:24	2/7/2024 14:39	15	0
1521914	2/7/2024 14:24	2/7/2024 19:46	322	0
1519179	2/7/2024 14:24	2/7/2024 19:41	317	0
658642	2/7/2024 14:24	2/7/2024 19:37	313	0
800590	2/7/2024 14:24	2/7/2024 14:40	16	0
793737	2/7/2024 14:24	2/7/2024 14:41	17	0
1508563	2/7/2024 14:24	2/7/2024 19:37	313	0
1093833	2/7/2024 14:25	2/7/2024 14:41	16	0
1523524	2/7/2024 14:25	2/7/2024 15:12	47	0
553863	2/7/2024 14:25	2/7/2024 19:37	312	0
1518000	2/7/2024 14:25	2/7/2024 19:38	313	0
800588	2/7/2024 14:25	2/7/2024 14:41	16	0
1517291	2/7/2024 14:25	2/8/2024 9:00	1114.32	0
793937	2/7/2024 14:25	2/7/2024 15:10	45	0
1524033	2/7/2024 14:26	2/7/2024 16:26	120	0
567126	2/7/2024 14:26	2/7/2024 14:42	16	0
1519715	2/7/2024 14:26	2/7/2024 19:39	313	0
801004	2/7/2024 14:26	2/7/2024 14:37	11	0
353728	2/7/2024 14:26	2/7/2024 14:36	10	0
792446	2/7/2024 14:26	2/7/2024 14:42	16	0

1515733	2/7/2024 14:26	2/7/2024 14:36	10	0
6995795	2/7/2024 14:27	2/7/2024 14:43	16	0
1400258	2/7/2024 14:27	2/7/2024 14:47	20	0
791361	2/7/2024 14:27	2/7/2024 14:43	16	0
792391	2/7/2024 14:27	2/7/2024 14:38	11	0
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800600	2/7/2024 14:27	2/7/2024 14:38	11	0
7879030	2/7/2024 14:28	2/7/2024 14:44	16	0
381982	2/7/2024 14:28	2/7/2024 14:43	15	0
1020274	2/7/2024 14:28	2/7/2024 14:58	30	0
574993	2/7/2024 14:28	2/7/2024 14:38	10	0
1503634	2/7/2024 14:28	2/7/2024 19:36	308	0
353371	2/7/2024 14:28	2/7/2024 14:44	16	0
660265	2/7/2024 14:28	2/7/2024 19:37	309	0
380736	2/7/2024 14:29	2/7/2024 14:40	11	0
353651	2/7/2024 14:29	2/7/2024 14:43	14	0
1020387	2/7/2024 14:29	2/7/2024 15:03	34	0
1516579	2/7/2024 14:29	2/7/2024 14:40	11	0
997397	2/7/2024 14:30	2/7/2024 14:46	16	0
385332	2/7/2024 14:30	2/7/2024 19:24	294	0
10433250	2/7/2024 14:30	2/7/2024 16:17	107	0
1430838	2/7/2024 14:30	2/7/2024 14:40	10	0
380057	2/7/2024 14:31	2/7/2024 14:41	10	0
8950281	2/7/2024 14:31	2/7/2024 14:47	16	0
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1041597	2/7/2024 14:31	2/7/2024 15:45	74	0
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1375227	2/7/2024 14:32	2/7/2024 14:42	10	0
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1554218	2/7/2024 14:33	2/7/2024 15:36	63	0
1557303	2/7/2024 14:33	2/7/2024 15:37	64	0
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1463218	2/7/2024 14:33	2/7/2024 19:32	299	0
353082	2/7/2024 14:33	2/7/2024 14:43	10	0
1556243	2/7/2024 14:33	2/7/2024 19:43	310	0
1464949	2/7/2024 14:34	2/7/2024 19:43	309	0
562727	2/7/2024 14:34	2/7/2024 19:43	309	0.02
1557676	2/7/2024 14:34	2/7/2024 19:39	305	0
563721	2/7/2024 14:34	2/7/2024 14:50	16	0
989956	2/7/2024 14:35	2/7/2024 19:28	293	0
1556486	2/7/2024 14:35	2/7/2024 19:43	308	0
561672	2/7/2024 14:35	2/7/2024 14:46	11	0
945898	2/7/2024 14:35	2/7/2024 19:24	289	0
1466638	2/7/2024 14:35	2/7/2024 17:38	183	0
500322	2/7/2024 14:36	2/7/2024 19:44	308	0
1515733	2/7/2024 14:36	2/7/2024 19:43	307	0

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11081884	2/7/2024 14:36	2/7/2024 19:45	309	0
196408	2/7/2024 14:36	2/7/2024 19:37	301	0
197690	2/7/2024 14:36	2/7/2024 19:38	302	0
195666	2/7/2024 14:36	2/8/2024 9:00	1103.92	0
1664433	2/7/2024 14:36	2/7/2024 19:43	307	0
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8590289	2/7/2024 14:37	2/7/2024 19:39	302	0
323747	2/7/2024 14:37	2/7/2024 15:08	31	0
8206792	2/7/2024 14:37	2/7/2024 15:19	42	0
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569554	2/7/2024 14:37	2/7/2024 19:44	307	0
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926657	2/7/2024 14:37	2/7/2024 14:53	16	0
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500145	2/7/2024 14:37	2/7/2024 19:38	301	0
792391	2/7/2024 14:38	2/7/2024 19:42	304	0
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1683861	2/7/2024 14:38	2/7/2024 19:40	302	0
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197883	2/7/2024 14:38	2/7/2024 19:41	303	0
1430294	2/7/2024 14:38	2/7/2024 19:37	299	0
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1450250	2/7/2024 14:38	2/7/2024 15:20	42	0
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794132	2/7/2024 14:39	2/7/2024 19:38	299	0
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227673	2/7/2024 14:40	2/7/2024 19:43	303	0
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1430838	2/7/2024 14:40	2/7/2024 19:41	301	0

511223	2/7/2024 14:40	2/7/2024 19:39	299	0
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800590	2/7/2024 14:40	2/7/2024 19:34	294	0
197629	2/7/2024 14:40	2/7/2024 19:45	305	0
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125572	2/7/2024 14:41	2/7/2024 19:45	304	0
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793737	2/7/2024 14:41	2/7/2024 19:39	298	0
800588	2/7/2024 14:41	2/7/2024 19:35	294	0
323657	2/7/2024 14:41	2/7/2024 15:07	26	0.09
975191	2/7/2024 14:41	2/7/2024 15:12	31	0
1093833	2/7/2024 14:41	2/7/2024 19:33	292	0
792446	2/7/2024 14:42	2/7/2024 19:32	290	0
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567126	2/7/2024 14:42	2/7/2024 19:39	297	0
658658	2/7/2024 14:42	2/7/2024 19:39	297	0.03
353651	2/7/2024 14:43	2/7/2024 19:39	296	0
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381982	2/7/2024 14:43	2/7/2024 19:42	299	0
6995795	2/7/2024 14:43	2/7/2024 19:42	299	0
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791361	2/7/2024 14:43	2/7/2024 19:31	288	0
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980132	2/7/2024 14:45	2/7/2024 19:28	283	0
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997397	2/7/2024 14:46	2/7/2024 19:33	287	0
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324045	2/7/2024 14:51	2/7/2024 19:49	298	0.18
1554677	2/7/2024 14:51	2/7/2024 19:39	288	0
1394324	2/7/2024 14:52	2/7/2024 20:37	345	0
10013697	2/7/2024 14:52	2/7/2024 19:45	293	0
1378141	2/7/2024 14:52	2/7/2024 19:37	285	0.18
1551510	2/7/2024 14:53	2/7/2024 19:47	294	0
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1377303	2/7/2024 14:53	2/7/2024 15:08	15	0
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1446785	2/7/2024 14:54	2/7/2024 19:43	289	0
574993	2/7/2024 14:54	2/7/2024 14:59	5	0
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1516579	2/7/2024 14:56	2/7/2024 15:01	5	0
1597556	2/7/2024 14:56	2/7/2024 19:33	277	0
1377393	2/7/2024 14:56	2/7/2024 15:11	15	0
790670	2/7/2024 14:56	2/7/2024 19:34	278	0
1599209	2/7/2024 14:56	2/7/2024 19:31	275	0
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1384509	2/7/2024 14:57	2/7/2024 16:11	74	0
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574993	2/7/2024 14:59	2/7/2024 15:10	11	0
980398	2/7/2024 15:00	2/7/2024 19:33	273	0
1019446	2/7/2024 15:01	2/7/2024 16:30	89	0
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455345	2/7/2024 15:05	2/7/2024 19:44	279	0
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860281	2/7/2024 15:05	2/7/2024 19:33	268	0
455994	2/7/2024 15:05	2/7/2024 15:53	48	0
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323657	2/7/2024 15:07	2/7/2024 19:46	279	0
324249	2/7/2024 15:07	2/7/2024 19:39	272	0

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859747	2/7/2024 15:08	2/7/2024 19:43	275	0
27852	2/7/2024 15:08	2/8/2024 9:00	1071.92	0
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323747	2/7/2024 15:08	2/7/2024 19:45	277	0
457729	2/7/2024 15:08	2/7/2024 19:43	275	0
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656343	2/7/2024 15:09	2/7/2024 19:39	270	0
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574993	2/7/2024 15:10	2/7/2024 15:15	5	0
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8206792	2/7/2024 15:19	2/7/2024 19:41	262	0
1451744	2/7/2024 15:19	2/7/2024 19:38	259	0.13
11176351	2/7/2024 15:19	2/7/2024 19:37	258	0
68308	2/7/2024 15:19	2/7/2024 19:42	263	0
1452193	2/7/2024 15:20	2/7/2024 19:32	252	0
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313269	2/7/2024 15:27	2/7/2024 19:45	258	0
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1566872	2/7/2024 15:28	2/7/2024 20:55	327	0
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574993	2/7/2024 15:36	2/7/2024 15:41	5	0

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642003	2/7/2024 15:37	2/7/2024 19:49	252	0
1557303	2/7/2024 15:37	2/7/2024 19:38	241	0
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574993	2/7/2024 15:41	2/7/2024 15:52	11	0
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449377	2/7/2024 15:42	2/7/2024 16:50	68	0
955448	2/7/2024 15:43	2/7/2024 19:29	226	0
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954637	2/7/2024 15:46	2/7/2024 19:32	226	0
1543009	2/7/2024 15:49	2/7/2024 19:42	233	0
574993	2/7/2024 15:52	2/7/2024 15:57	5	0
1516579	2/7/2024 15:53	2/7/2024 15:59	6	0
455994	2/7/2024 15:53	2/7/2024 19:47	234	0
1319739	2/7/2024 15:56	2/8/2024 9:00	1023.5	0
2032900	2/7/2024 15:56	2/7/2024 19:31	215	0
574993	2/7/2024 15:57	2/7/2024 16:07	10	0
1516579	2/7/2024 15:59	2/8/2024 9:00	1020.32	0
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10433250	2/7/2024 16:17	2/7/2024 19:32	195	0
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1375227	2/7/2024 16:20	2/8/2024 9:00	999.5	0
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574993	2/7/2024 16:39	2/7/2024 16:44	5	0
574993	2/7/2024 16:44	2/7/2024 16:55	11	0
449377	2/7/2024 16:50	2/7/2024 17:21	31	0
574993	2/7/2024 16:55	2/7/2024 17:00	5	0
574993	2/7/2024 17:00	2/7/2024 17:05	5	0
574993	2/7/2024 17:05	2/7/2024 17:10	5	0
574993	2/7/2024 17:10	2/8/2024 9:00	949.78	0
1376158	2/7/2024 17:16	2/7/2024 19:43	147	0
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1466638	2/7/2024 17:38	2/7/2024 18:09	31	0

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326028	2/7/2024 18:24	2/8/2024 5:57	693	0
449377	2/7/2024 18:35	2/7/2024 18:45	10	0
449377	2/7/2024 18:45	2/7/2024 19:33	48	0
627289	2/7/2024 18:45	2/8/2024 9:00	854.78	0
1523524	2/7/2024 19:01	2/8/2024 9:00	838.32	0
1019446	2/7/2024 19:23	2/8/2024 9:00	816.53	0
1384509	2/7/2024 19:23	2/8/2024 9:00	816.5	0
385332	2/7/2024 19:24	2/8/2024 9:00	815.78	0
945898	2/7/2024 19:24	2/8/2024 9:00	815.83	0
1020274	2/7/2024 19:26	2/8/2024 9:00	813.53	0
793937	2/7/2024 19:27	2/8/2024 9:00	812.83	0
816722	2/7/2024 19:27	2/8/2024 9:00	812.83	0
675499	2/7/2024 19:28	2/8/2024 9:00	811.83	0
989956	2/7/2024 19:28	2/8/2024 9:00	811.53	0
980132	2/7/2024 19:28	2/8/2024 9:00	811.53	0
1064514	2/7/2024 19:28	2/8/2024 9:00	811.53	0
569420	2/7/2024 19:28	2/8/2024 9:00	811.78	0
380736	2/7/2024 19:28	2/8/2024 9:00	811.78	0
955448	2/7/2024 19:29	2/8/2024 9:00	810.53	0
926503	2/7/2024 19:30	2/8/2024 9:00	809.83	0
1321605	2/7/2024 19:30	2/8/2024 9:00	809.5	0
1599209	2/7/2024 19:31	2/8/2024 9:00	808.32	0
791361	2/7/2024 19:31	2/8/2024 9:00	808.83	0
740241	2/7/2024 19:31	2/8/2024 9:00	808.83	0
1583853	2/7/2024 19:31	2/8/2024 9:00	808.32	0
2032900	2/7/2024 19:31	2/8/2024 9:00	808.5	0
561541	2/7/2024 19:32	2/8/2024 9:00	807.78	0
10433250	2/7/2024 19:32	2/8/2024 9:00	807.5	0
1265778	2/7/2024 19:32	2/8/2024 9:00	807.5	0
1333801	2/7/2024 19:32	2/8/2024 9:00	807.5	0
792446	2/7/2024 19:32	2/8/2024 9:00	807.83	0
8668965	2/7/2024 19:32	2/8/2024 9:00	807.78	0
646026	2/7/2024 19:32	2/8/2024 9:00	807.78	0
1463218	2/7/2024 19:32	2/8/2024 9:00	807.32	0
1452193	2/7/2024 19:32	2/8/2024 9:00	807.32	0
1020565	2/7/2024 19:32	2/8/2024 9:00	807.53	0
609850	2/7/2024 19:32	2/8/2024 9:00	807.78	0
1272457	2/7/2024 19:32	2/8/2024 8:14	762	0
954637	2/7/2024 19:32	2/8/2024 9:00	807.53	0
1041597	2/7/2024 19:32	2/8/2024 9:00	807.53	0
1020387	2/7/2024 19:32	2/8/2024 9:00	807.53	0
1332906	2/7/2024 19:32	2/8/2024 9:00	807.5	0
428179	2/7/2024 19:32	2/8/2024 9:00	807.78	0
1466638	2/7/2024 19:33	2/8/2024 8:20	767	0
1320008	2/7/2024 19:33	2/8/2024 9:00	806.5	0
449377	2/7/2024 19:33	2/7/2024 20:15	42	0

626477	2/7/2024 19:33	2/8/2024 9:00	806.78	0
800576	2/7/2024 19:33	2/8/2024 9:00	806.83	0
1093833	2/7/2024 19:33	2/8/2024 9:00	806.78	0
416557	2/7/2024 19:33	2/8/2024 9:00	806.78	0
593366	2/7/2024 19:33	2/8/2024 9:00	806.78	0
975191	2/7/2024 19:33	2/8/2024 9:00	806.53	0
1417279	2/7/2024 19:33	2/8/2024 9:00	806.5	0
510974	2/7/2024 19:33	2/8/2024 9:00	806.78	0
980398	2/7/2024 19:33	2/8/2024 9:00	806.53	0
860281	2/7/2024 19:33	2/8/2024 9:00	806.83	0
1597556	2/7/2024 19:33	2/8/2024 9:00	806.32	0
997397	2/7/2024 19:33	2/8/2024 9:00	806.53	0
623069	2/7/2024 19:33	2/8/2024 9:00	806.78	0
926638	2/7/2024 19:33	2/8/2024 9:00	806.83	0
627018	2/7/2024 19:33	2/8/2024 9:00	806.78	0
415949	2/7/2024 19:34	2/8/2024 9:00	805.78	0
926657	2/7/2024 19:34	2/8/2024 9:00	805.83	0
790670	2/7/2024 19:34	2/8/2024 9:00	805.83	0
800600	2/7/2024 19:34	2/8/2024 9:00	805.83	0
980870	2/7/2024 19:34	2/8/2024 9:00	805.53	0
593798	2/7/2024 19:34	2/8/2024 9:00	805.78	0
1073095	2/7/2024 19:34	2/8/2024 9:00	805.78	0
854579	2/7/2024 19:34	2/8/2024 9:00	805.83	0
549617	2/7/2024 19:34	2/8/2024 9:00	805.78	0
29635	2/7/2024 19:34	2/8/2024 9:00	805.92	0
1220897	2/7/2024 19:34	2/8/2024 9:00	805.5	0
817825	2/7/2024 19:34	2/8/2024 9:00	805.83	0
800590	2/7/2024 19:34	2/8/2024 9:00	805.83	0
1092960	2/7/2024 19:34	2/8/2024 9:00	805.78	0
500173	2/7/2024 19:35	2/8/2024 9:00	804.78	0
800588	2/7/2024 19:35	2/8/2024 9:00	804.83	0
1444809	2/7/2024 19:35	2/8/2024 7:56	741	0
1393633	2/7/2024 19:35	2/8/2024 9:00	804.5	0
510307	2/7/2024 19:35	2/8/2024 9:00	804.78	0
561758	2/7/2024 19:36	2/8/2024 9:00	803.78	0
954332	2/7/2024 19:36	2/8/2024 9:00	803.53	0
1503634	2/7/2024 19:36	2/8/2024 9:00	803.5	0
903630	2/7/2024 19:36	2/8/2024 9:00	803.83	0
593397	2/7/2024 19:36	2/8/2024 9:00	803.78	0
1556565	2/7/2024 19:36	2/8/2024 9:00	803.32	0
28509	2/7/2024 19:36	2/8/2024 9:00	803.92	0
262048	2/7/2024 19:36	2/8/2024 9:00	803.92	0
975032	2/7/2024 19:36	2/8/2024 9:00	803.53	0
1539469	2/7/2024 19:36	2/8/2024 9:00	803.32	0
1524033	2/7/2024 19:36	2/8/2024 9:00	803.32	0
266010	2/7/2024 19:36	2/8/2024 9:00	803.92	0
552210	2/7/2024 19:36	2/8/2024 9:00	803.78	0

425936	2/7/2024 19:37	2/8/2024 9:00	802.78	0
11176351	2/7/2024 19:37	2/8/2024 9:00	802.32	0
1459057	2/7/2024 19:37	2/8/2024 9:00	802.32	0
1557188	2/7/2024 19:37	2/8/2024 9:00	802.32	0
1539692	2/7/2024 19:37	2/8/2024 9:00	802.32	0
508593	2/7/2024 19:37	2/8/2024 9:00	802.78	0
1400258	2/7/2024 19:37	2/8/2024 9:00	802.5	0
1430294	2/7/2024 19:37	2/8/2024 9:00	802.32	0
1190246	2/7/2024 19:37	2/8/2024 9:00	802.5	0
325050	2/7/2024 19:37	2/8/2024 9:00	802.92	0
1508563	2/7/2024 19:37	2/8/2024 9:00	802.32	0
6761269	2/7/2024 19:37	2/8/2024 9:00	802.92	0
10510361	2/7/2024 19:37	2/8/2024 9:00	802.92	0
196965	2/7/2024 19:37	2/8/2024 9:00	802.92	0
1378141	2/7/2024 19:37	2/8/2024 9:00	802.5	0
279833	2/7/2024 19:37	2/8/2024 9:00	802.92	0
1412757	2/7/2024 19:37	2/8/2024 9:00	802.5	0
197561	2/7/2024 19:37	2/8/2024 9:00	802.92	0
1939790	2/7/2024 19:37	2/8/2024 9:00	802.32	0
317233	2/7/2024 19:37	2/8/2024 9:00	802.92	0
196408	2/7/2024 19:37	2/8/2024 9:00	802.92	0
1466357	2/7/2024 19:37	2/8/2024 9:00	802.32	0
1543287	2/7/2024 19:37	2/8/2024 9:00	802.32	0
553863	2/7/2024 19:37	2/8/2024 9:00	802.78	0
224277	2/7/2024 19:37	2/8/2024 9:00	802.92	0
7932279	2/7/2024 19:37	2/8/2024 9:00	802.32	0
658642	2/7/2024 19:37	2/8/2024 9:00	802.83	0
1309098	2/7/2024 19:37	2/8/2024 9:00	802.5	0
660265	2/7/2024 19:37	2/8/2024 9:00	802.83	0
352962	2/7/2024 19:38	2/8/2024 9:00	801.92	0
624953	2/7/2024 19:38	2/8/2024 9:00	801.78	0
1557100	2/7/2024 19:38	2/8/2024 9:00	801.32	0
314188	2/7/2024 19:38	2/8/2024 8:20	762	0
197690	2/7/2024 19:38	2/8/2024 9:00	801.92	0
1415622	2/7/2024 19:38	2/8/2024 9:00	801.5	0
1549376	2/7/2024 19:38	2/8/2024 9:00	801.32	0
561757	2/7/2024 19:38	2/8/2024 9:00	801.78	0
10371746	2/7/2024 19:38	2/8/2024 9:00	801.78	0
455629	2/7/2024 19:38	2/8/2024 9:00	801.78	0
1546695	2/7/2024 19:38	2/8/2024 9:00	801.32	0
498070	2/7/2024 19:38	2/8/2024 9:00	801.78	0
1346410	2/7/2024 19:38	2/8/2024 9:00	801.5	0
195839	2/7/2024 19:38	2/8/2024 9:00	801.92	0
1432940	2/7/2024 19:38	2/8/2024 7:53	735	0
315345	2/7/2024 19:38	2/8/2024 9:00	801.92	0
1445317	2/7/2024 19:38	2/8/2024 8:13	755	0
274522	2/7/2024 19:38	2/8/2024 9:00	801.92	0

1446401	2/7/2024 19:38	2/8/2024 9:00	801.32	0
1511264	2/7/2024 19:38	2/8/2024 9:00	801.32	0
26864	2/7/2024 19:38	2/8/2024 9:00	801.92	0
342796	2/7/2024 19:38	2/8/2024 9:00	801.92	0
1518000	2/7/2024 19:38	2/8/2024 9:00	801.32	0
23462	2/7/2024 19:38	2/8/2024 9:00	801.92	0
456099	2/7/2024 19:38	2/8/2024 9:00	801.78	0
793285	2/7/2024 19:38	2/8/2024 9:00	801.83	0
7879030	2/7/2024 19:38	2/8/2024 9:00	801.78	0
259674	2/7/2024 19:38	2/8/2024 9:00	801.92	0
265864	2/7/2024 19:38	2/8/2024 9:00	801.92	0
506261	2/7/2024 19:38	2/8/2024 9:00	801.78	0
315169	2/7/2024 19:38	2/8/2024 8:19	761	0
1557303	2/7/2024 19:38	2/8/2024 9:00	801.32	0
624628	2/7/2024 19:38	2/8/2024 9:00	801.78	0
562658	2/7/2024 19:38	2/8/2024 9:00	801.78	0
1538880	2/7/2024 19:38	2/8/2024 9:00	801.32	0
1393699	2/7/2024 19:38	2/8/2024 9:00	801.5	0
794132	2/7/2024 19:38	2/8/2024 9:00	801.83	0
971524	2/7/2024 19:38	2/8/2024 9:00	801.78	0
328113	2/7/2024 19:38	2/8/2024 9:00	801.92	0
228611	2/7/2024 19:38	2/8/2024 9:00	801.92	0
500145	2/7/2024 19:38	2/8/2024 9:00	801.78	0
1556352	2/7/2024 19:38	2/8/2024 9:00	801.32	0
563241	2/7/2024 19:38	2/8/2024 9:00	801.78	0
571420	2/7/2024 19:38	2/8/2024 9:00	801.78	0
1624452	2/7/2024 19:38	2/8/2024 9:00	801.32	0
1451744	2/7/2024 19:38	2/8/2024 9:00	801.32	0
927251	2/7/2024 19:39	2/8/2024 9:00	800.83	0
975066	2/7/2024 19:39	2/8/2024 9:00	800.53	0
563721	2/7/2024 19:39	2/8/2024 9:00	800.78	0
609437	2/7/2024 19:39	2/8/2024 9:00	800.78	0
511223	2/7/2024 19:39	2/8/2024 9:00	800.78	0
451783	2/7/2024 19:39	2/8/2024 9:00	800.78	0
817260	2/7/2024 19:39	2/8/2024 9:00	800.83	0
315346	2/7/2024 19:39	2/8/2024 9:00	800.92	0
47769	2/7/2024 19:39	2/8/2024 9:00	800.92	0
1557676	2/7/2024 19:39	2/8/2024 9:00	800.32	0
324249	2/7/2024 19:39	2/8/2024 9:00	800.92	0
1538349	2/7/2024 19:39	2/8/2024 9:00	800.32	0
353651	2/7/2024 19:39	2/8/2024 9:00	800.92	0
1511532	2/7/2024 19:39	2/8/2024 9:00	800.32	0
275495	2/7/2024 19:39	2/8/2024 9:00	800.92	0
8590289	2/7/2024 19:39	2/8/2024 9:00	800.78	0
551972	2/7/2024 19:39	2/8/2024 9:00	800.78	0
793737	2/7/2024 19:39	2/8/2024 9:00	800.83	0
623871	2/7/2024 19:39	2/8/2024 9:00	800.78	0

558031	2/7/2024 19:39	2/8/2024 9:00	800.78	0
1555376	2/7/2024 19:39	2/8/2024 9:00	800.32	0
1437071	2/7/2024 19:39	2/8/2024 9:00	800.32	0
926505	2/7/2024 19:39	2/8/2024 9:00	800.83	0
1554677	2/7/2024 19:39	2/8/2024 9:00	800.32	0
1415828	2/7/2024 19:39	2/8/2024 9:00	800.5	0
8434548	2/7/2024 19:39	2/8/2024 9:00	800.92	0
510522	2/7/2024 19:39	2/8/2024 9:00	800.78	0
957615	2/7/2024 19:39	2/8/2024 9:00	800.53	0
1456419	2/7/2024 19:39	2/8/2024 9:00	800.32	0
281235	2/7/2024 19:39	2/8/2024 9:00	800.92	0
8910809	2/7/2024 19:39	2/8/2024 9:00	800.78	0
567126	2/7/2024 19:39	2/8/2024 9:00	800.78	0
318402	2/7/2024 19:39	2/8/2024 9:00	800.92	0
645144	2/7/2024 19:39	2/8/2024 9:00	800.78	0
656343	2/7/2024 19:39	2/8/2024 9:00	800.83	0
317797	2/7/2024 19:39	2/8/2024 9:00	800.92	0
324290	2/7/2024 19:39	2/8/2024 9:00	800.92	0
8495802	2/7/2024 19:39	2/8/2024 9:00	800.32	0
1064575	2/7/2024 19:39	2/8/2024 9:00	800.53	0
801004	2/7/2024 19:39	2/8/2024 9:00	800.83	0
570022	2/7/2024 19:39	2/8/2024 9:00	800.78	0
1519715	2/7/2024 19:39	2/8/2024 9:00	800.32	0
1433348	2/7/2024 19:39	2/8/2024 7:54	735	0
507365	2/7/2024 19:39	2/8/2024 9:00	800.78	0
658658	2/7/2024 19:39	2/8/2024 9:00	800.83	0
610737	2/7/2024 19:39	2/8/2024 9:00	800.78	0
449036	2/7/2024 19:39	2/8/2024 9:00	800.78	0
381338	2/7/2024 19:40	2/8/2024 9:00	799.78	0
280173	2/7/2024 19:40	2/8/2024 9:00	799.92	0
1377844	2/7/2024 19:40	2/8/2024 9:00	799.5	0
346288	2/7/2024 19:40	2/8/2024 9:00	799.92	0
12378019	2/7/2024 19:40	2/8/2024 9:00	799.92	0
1342473	2/7/2024 19:40	2/8/2024 9:00	799.5	0
9313875	2/7/2024 19:40	2/8/2024 9:00	799.32	0
1462990	2/7/2024 19:40	2/8/2024 9:00	799.32	0
317195	2/7/2024 19:40	2/8/2024 9:00	799.92	0
852125	2/7/2024 19:40	2/8/2024 9:00	799.83	0
587455	2/7/2024 19:40	2/8/2024 9:00	799.78	0
1683861	2/7/2024 19:40	2/8/2024 9:00	799.92	0
1672454	2/7/2024 19:40	2/8/2024 9:00	799.78	0
664453	2/7/2024 19:40	2/8/2024 9:00	799.83	0
549596	2/7/2024 19:40	2/8/2024 9:00	799.78	0
314899	2/7/2024 19:40	2/8/2024 9:00	799.92	0
65245	2/7/2024 19:40	2/8/2024 9:00	799.92	0
8524544	2/7/2024 19:41	2/8/2024 9:00	798.92	0
454861	2/7/2024 19:41	2/8/2024 9:00	798.78	0

197883	2/7/2024 19:41	2/8/2024 9:00	798.92	0
1377303	2/7/2024 19:41	2/8/2024 9:00	798.5	0
1519179	2/7/2024 19:41	2/8/2024 9:00	798.32	0
1453263	2/7/2024 19:41	2/8/2024 9:00	798.32	0
658837	2/7/2024 19:41	2/8/2024 9:00	798.83	0
23566	2/7/2024 19:41	2/8/2024 9:00	798.92	0
8206792	2/7/2024 19:41	2/8/2024 9:00	798.32	0
314945	2/7/2024 19:41	2/8/2024 9:00	798.92	0
1430838	2/7/2024 19:41	2/8/2024 9:00	798.32	0
852071	2/7/2024 19:41	2/8/2024 9:00	798.83	0
29748	2/7/2024 19:41	2/8/2024 9:00	798.92	0
1417138	2/7/2024 19:41	2/8/2024 9:00	798.5	0
1430553	2/7/2024 19:42	2/8/2024 9:00	797.32	0
51483	2/7/2024 19:42	2/8/2024 9:00	797.92	0
266906	2/7/2024 19:42	2/8/2024 9:00	797.92	0
27483	2/7/2024 19:42	2/8/2024 9:00	797.92	0
1550815	2/7/2024 19:42	2/8/2024 9:00	797.32	0
1466445	2/7/2024 19:42	2/8/2024 8:05	743	0
1582130	2/7/2024 19:42	2/8/2024 9:00	797.32	0
1450250	2/7/2024 19:42	2/8/2024 9:00	797.32	0
381982	2/7/2024 19:42	2/8/2024 9:00	797.78	0
275018	2/7/2024 19:42	2/8/2024 9:00	797.92	0
1672745	2/7/2024 19:42	2/8/2024 9:00	797.78	0
281056	2/7/2024 19:42	2/8/2024 9:00	797.92	0
549370	2/7/2024 19:42	2/8/2024 9:00	797.78	0
1543009	2/7/2024 19:42	2/8/2024 9:00	797.32	0
6714863	2/7/2024 19:42	2/8/2024 9:00	797.83	0
34832	2/7/2024 19:42	2/8/2024 9:00	797.92	0
1430644	2/7/2024 19:42	2/8/2024 9:00	797.32	0
188639	2/7/2024 19:42	2/8/2024 9:00	797.92	0
1547843	2/7/2024 19:42	2/8/2024 9:00	797.32	0
1346671	2/7/2024 19:42	2/8/2024 9:00	797.5	0
1403562	2/7/2024 19:42	2/8/2024 9:00	797.5	0
26921	2/7/2024 19:42	2/8/2024 9:00	797.92	0
21306	2/7/2024 19:42	2/8/2024 9:00	797.92	0
8104722	2/7/2024 19:42	2/8/2024 9:00	797.92	0
792391	2/7/2024 19:42	2/8/2024 9:00	797.83	0
1573666	2/7/2024 19:42	2/8/2024 9:00	797.32	0
1584687	2/7/2024 19:42	2/8/2024 9:00	797.32	0
454901	2/7/2024 19:42	2/8/2024 9:00	797.78	0
1556434	2/7/2024 19:42	2/8/2024 9:00	797.32	0
34613	2/7/2024 19:42	2/8/2024 9:00	797.92	0
6995795	2/7/2024 19:42	2/8/2024 9:00	797.78	0
68308	2/7/2024 19:42	2/8/2024 9:00	797.92	0
1555268	2/7/2024 19:42	2/8/2024 9:00	797.32	0
564518	2/7/2024 19:42	2/8/2024 9:00	797.78	0
624716	2/7/2024 19:42	2/8/2024 9:00	797.78	0

8486022	2/7/2024 19:42	2/8/2024 9:00	797.32	0
623612	2/7/2024 19:42	2/8/2024 9:00	797.78	0
511266	2/7/2024 19:42	2/8/2024 9:00	797.78	0
8511623	2/7/2024 19:42	2/8/2024 9:00	797.92	0
1511251	2/7/2024 19:42	2/8/2024 9:00	797.32	0
645339	2/7/2024 19:43	2/8/2024 9:00	796.78	0
353371	2/7/2024 19:43	2/8/2024 9:00	796.92	0
1554218	2/7/2024 19:43	2/8/2024 9:00	796.32	0
445867	2/7/2024 19:43	2/8/2024 9:00	796.78	0
274125	2/7/2024 19:43	2/8/2024 9:00	796.92	0
10393495	2/7/2024 19:43	2/8/2024 9:00	796.92	0
1538916	2/7/2024 19:43	2/8/2024 9:00	796.32	0
446329	2/7/2024 19:43	2/8/2024 9:00	796.78	0
1664433	2/7/2024 19:43	2/8/2024 9:00	796.83	0
1556246	2/7/2024 19:43	2/8/2024 9:00	796.32	0
1549436	2/7/2024 19:43	2/8/2024 9:00	796.32	0
859747	2/7/2024 19:43	2/8/2024 9:00	796.83	0
1556486	2/7/2024 19:43	2/8/2024 9:00	796.32	0
605186	2/7/2024 19:43	2/8/2024 9:00	796.78	0
352964	2/7/2024 19:43	2/8/2024 9:00	796.92	0
1494722	2/7/2024 19:43	2/8/2024 9:00	796.5	0
523489	2/7/2024 19:43	2/8/2024 9:00	796.92	0
1414392	2/7/2024 19:43	2/8/2024 9:00	796.5	0
601397	2/7/2024 19:43	2/8/2024 9:00	796.78	0
509102	2/7/2024 19:43	2/8/2024 9:00	796.78	0
265473	2/7/2024 19:43	2/8/2024 9:00	796.92	0
1416360	2/7/2024 19:43	2/8/2024 9:00	796.5	0
1446785	2/7/2024 19:43	2/8/2024 9:00	796.32	0
10659831	2/7/2024 19:43	2/8/2024 9:00	796.32	0
1376158	2/7/2024 19:43	2/8/2024 8:15	752	0
1310926	2/7/2024 19:43	2/8/2024 9:00	796.5	0
574596	2/7/2024 19:43	2/8/2024 9:00	796.78	0
562856	2/7/2024 19:43	2/8/2024 9:00	796.78	0
353082	2/7/2024 19:43	2/8/2024 9:00	796.92	0
68620	2/7/2024 19:43	2/8/2024 9:00	796.92	0
562727	2/7/2024 19:43	2/8/2024 9:00	796.78	0
7178975	2/7/2024 19:43	2/8/2024 8:19	756	0
4173986	2/7/2024 19:43	2/8/2024 9:00	796.92	0
227673	2/7/2024 19:43	2/8/2024 9:00	796.92	0
267537	2/7/2024 19:43	2/8/2024 9:00	796.92	0
34887	2/7/2024 19:43	2/8/2024 9:00	796.92	0
793690	2/7/2024 19:43	2/8/2024 9:00	796.83	0
1556243	2/7/2024 19:43	2/8/2024 9:00	796.32	0
34905	2/7/2024 19:43	2/8/2024 9:00	796.92	0
1515733	2/7/2024 19:43	2/8/2024 9:00	796.32	0
417990	2/7/2024 19:43	2/8/2024 9:00	796.78	0
29848	2/7/2024 19:43	2/8/2024 9:00	796.92	0

1464949	2/7/2024 19:43	2/8/2024 9:00	796.32	0
1535304	2/7/2024 19:43	2/8/2024 9:00	796.32	0
1604432	2/7/2024 19:43	2/8/2024 9:00	796.32	0
1547686	2/7/2024 19:43	2/8/2024 9:00	796.32	0
457729	2/7/2024 19:43	2/8/2024 9:00	796.78	0
189581	2/7/2024 19:44	2/8/2024 9:00	795.92	0
569554	2/7/2024 19:44	2/8/2024 9:00	795.78	0
30471	2/7/2024 19:44	2/8/2024 9:00	795.92	0
315306	2/7/2024 19:44	2/8/2024 9:00	795.92	0
342572	2/7/2024 19:44	2/8/2024 9:00	795.92	0
1641091	2/7/2024 19:44	2/8/2024 9:00	795.32	0
315730	2/7/2024 19:44	2/8/2024 8:20	756	0
1538398	2/7/2024 19:44	2/8/2024 9:00	795.32	0
399291	2/7/2024 19:44	2/8/2024 9:00	795.78	0
1394365	2/7/2024 19:44	2/8/2024 9:00	795.5	0
380057	2/7/2024 19:44	2/8/2024 9:00	795.78	0
320966	2/7/2024 19:44	2/8/2024 9:00	795.92	0
1552154	2/7/2024 19:44	2/8/2024 9:00	795.32	0
509233	2/7/2024 19:44	2/8/2024 9:00	795.78	0
500322	2/7/2024 19:44	2/8/2024 9:00	795.78	0
25066	2/7/2024 19:44	2/8/2024 9:00	795.92	0
8387677	2/7/2024 19:44	2/8/2024 9:00	795.92	0
455345	2/7/2024 19:44	2/8/2024 9:00	795.78	0
70866	2/7/2024 19:44	2/8/2024 9:00	795.92	0
197356	2/7/2024 19:44	2/8/2024 9:00	795.92	0
346967	2/7/2024 19:44	2/8/2024 9:00	795.92	0
1535397	2/7/2024 19:44	2/8/2024 9:00	795.32	0
6828301	2/7/2024 19:44	2/8/2024 9:00	795.92	0
1377393	2/7/2024 19:44	2/8/2024 9:00	795.5	0
125572	2/7/2024 19:45	2/8/2024 9:00	794.92	0
198082	2/7/2024 19:45	2/8/2024 9:00	794.92	0
21820	2/7/2024 19:45	2/8/2024 9:00	794.92	0
10013697	2/7/2024 19:45	2/8/2024 9:00	794.32	0
11081884	2/7/2024 19:45	2/8/2024 9:00	794.92	0
313269	2/7/2024 19:45	2/8/2024 9:00	794.92	0
49209	2/7/2024 19:45	2/8/2024 9:00	794.92	0
276488	2/7/2024 19:45	2/8/2024 9:00	794.92	0
1465282	2/7/2024 19:45	2/8/2024 8:02	737	0
8950281	2/7/2024 19:45	2/8/2024 9:00	794.92	0
323747	2/7/2024 19:45	2/8/2024 9:00	794.92	0
197629	2/7/2024 19:45	2/8/2024 9:00	794.92	0
317126	2/7/2024 19:45	2/8/2024 9:00	794.92	0
1521914	2/7/2024 19:46	2/8/2024 9:00	793.32	0
274059	2/7/2024 19:46	2/8/2024 9:00	793.92	0
561672	2/7/2024 19:46	2/8/2024 9:00	793.78	0
323657	2/7/2024 19:46	2/8/2024 9:00	793.92	0
8148103	2/7/2024 19:46	2/8/2024 9:00	793.92	0

1421188	2/7/2024 19:46	2/8/2024 9:00	793.5	0
1251782	2/7/2024 19:46	2/8/2024 9:00	793.83	0
457978	2/7/2024 19:46	2/8/2024 9:00	793.78	0
10691024	2/7/2024 19:47	2/8/2024 9:00	792.6	0
1551510	2/7/2024 19:47	2/8/2024 9:00	792.32	0
1670039	2/7/2024 19:47	2/8/2024 9:00	792.78	0
413869	2/7/2024 19:47	2/8/2024 9:00	792.6	0
317084	2/7/2024 19:47	2/8/2024 9:00	792.92	0
455994	2/7/2024 19:47	2/8/2024 9:00	792.78	0
1551513	2/7/2024 19:47	2/8/2024 9:00	792.32	0
1081237	2/7/2024 19:47	2/8/2024 9:00	792.6	0
316997	2/7/2024 19:48	2/8/2024 9:00	791.92	0
1375642	2/7/2024 19:48	2/8/2024 9:00	791.5	0
1472045	2/7/2024 19:48	2/8/2024 9:00	791.32	0
8068454	2/7/2024 19:48	2/8/2024 9:00	791.78	0
1503507	2/7/2024 19:48	2/8/2024 9:00	791.5	0
51957	2/7/2024 19:48	2/8/2024 9:00	791.92	0
35442	2/7/2024 19:48	2/8/2024 9:00	791.92	0
519373	2/7/2024 19:49	2/8/2024 9:00	790.92	0
324045	2/7/2024 19:49	2/8/2024 9:00	790.92	0
9063373	2/7/2024 19:49	2/8/2024 9:00	790.5	0
642003	2/7/2024 19:49	2/8/2024 9:00	790.78	0
27443	2/7/2024 19:49	2/8/2024 9:00	790.92	0
345647	2/7/2024 19:49	2/8/2024 9:00	790.92	0
24124	2/7/2024 19:50	2/8/2024 9:00	789.92	0
69207	2/7/2024 19:50	2/8/2024 9:00	789.92	0
397349	2/7/2024 19:53	2/8/2024 9:00	786.78	0
449377	2/7/2024 20:15	2/7/2024 21:07	52	0
1394324	2/7/2024 20:37	2/8/2024 9:00	742.5	0
1566872	2/7/2024 20:55	2/8/2024 9:00	724.32	0
449377	2/7/2024 21:07	2/7/2024 21:23	16	0
226164	2/7/2024 21:23	2/8/2024 9:00	696.92	0
449377	2/7/2024 21:23	2/7/2024 21:49	26	0
549259	2/7/2024 21:44	2/8/2024 9:00	675.78	0
449377	2/7/2024 21:49	2/7/2024 22:41	52	0
1547692	2/7/2024 21:55	2/8/2024 9:00	664.32	0
449377	2/7/2024 22:41	2/7/2024 23:39	58	0
449377	2/7/2024 23:39	2/8/2024 0:11	32	0
449377	2/8/2024 0:11	2/8/2024 1:19	68	0
449377	2/8/2024 1:19	2/8/2024 2:17	58	0
449377	2/8/2024 2:17	2/8/2024 2:33	16	0
449377	2/8/2024 2:33	2/8/2024 3:57	84	0
353728	2/8/2024 2:50	2/8/2024 9:00	369.92	0
449377	2/8/2024 3:57	2/8/2024 4:54	57	0
449377	2/8/2024 4:54	2/8/2024 5:57	63	0
449377	2/8/2024 5:57	2/8/2024 7:32	95	0
326028	2/8/2024 5:57	2/8/2024 9:00	182.92	0

449377	2/8/2024 7:32	2/8/2024 8:30	58	0
1432940	2/8/2024 7:53	2/8/2024 9:00	66.32	0
1433348	2/8/2024 7:54	2/8/2024 9:00	65.32	0
1444809	2/8/2024 7:56	2/8/2024 9:00	63.32	0
1515678	2/8/2024 8:02	2/8/2024 9:00	57.32	0
1465282	2/8/2024 8:02	2/8/2024 9:00	57.32	0
1515964	2/8/2024 8:03	2/8/2024 9:00	56.32	0
1466445	2/8/2024 8:05	2/8/2024 9:00	54.32	0
1445317	2/8/2024 8:13	2/8/2024 9:00	46.32	0
1272457	2/8/2024 8:14	2/8/2024 9:00	45.5	0
1376158	2/8/2024 8:15	2/8/2024 9:00	44.5	0
7178975	2/8/2024 8:19	2/8/2024 9:00	40.92	0
315169	2/8/2024 8:19	2/8/2024 9:00	40.92	0
314188	2/8/2024 8:20	2/8/2024 9:00	39.92	0
315730	2/8/2024 8:20	2/8/2024 9:00	39.92	0
1466638	2/8/2024 8:20	2/8/2024 9:00	39.32	0
449377	2/8/2024 8:30	2/8/2024 8:45	15	0
1463520	2/8/2024 8:34	2/8/2024 9:00	25.32	0
1467272	2/8/2024 8:35	2/8/2024 9:00	24.32	0
1463680	2/8/2024 8:35	2/8/2024 9:00	24.32	0
449377	2/8/2024 8:45	2/8/2024 9:00	14.78	0
1333801	2/8/2024 9:00	2/8/2024 19:20	620	0
1288420	2/8/2024 9:00	2/8/2024 12:13	193	0
1552447	2/8/2024 9:00	2/9/2024 9:00	1439.32	0
574993	2/8/2024 9:00	2/8/2024 10:51	111	0
444688	2/8/2024 9:00	2/8/2024 12:01	181	0
1704044	2/8/2024 9:00	2/9/2024 9:00	1439.5	0
1465282	2/8/2024 9:00	2/8/2024 19:36	636	0
554089	2/8/2024 9:00	2/9/2024 9:00	1439.78	0
1516579	2/8/2024 9:00	2/8/2024 10:54	114	0
1466445	2/8/2024 9:00	2/8/2024 19:38	638	0
7194273	2/8/2024 9:00	2/9/2024 9:00	1439.32	0
447406	2/8/2024 9:00	2/9/2024 9:00	1439.78	0
8668965	2/8/2024 9:00	2/8/2024 11:22	142	0
1543287	2/8/2024 9:00	2/9/2024 9:00	1439.32	0
1513541	2/8/2024 9:00	2/9/2024 9:00	1439.32	0
1422300	2/8/2024 9:00	2/9/2024 9:00	1439.5	0
8766703	2/8/2024 9:00	2/9/2024 9:00	1439.53	0
353728	2/8/2024 9:00	2/8/2024 12:01	181	0
319279	2/8/2024 9:00	2/9/2024 9:00	1439.92	0
1453263	2/8/2024 9:00	2/8/2024 11:05	125	0
1702895	2/8/2024 9:00	2/9/2024 9:00	1439.5	0
675499	2/8/2024 9:00	2/8/2024 12:01	181	0
1348731	2/8/2024 9:00	2/9/2024 9:00	1439.5	0
1349032	2/8/2024 9:00	2/9/2024 9:00	1439.5	0
1552990	2/8/2024 9:00	2/9/2024 9:00	1439.32	0
6761269	2/8/2024 9:00	2/9/2024 9:00	1439.92	0

1547686	2/8/2024 9:00	2/8/2024 19:30	630	0
1377303	2/8/2024 9:00	2/9/2024 9:00	1439.5	0
1516786	2/8/2024 9:00	2/8/2024 15:10	370	0
27483	2/8/2024 9:01	2/8/2024 11:28	147	0
315730	2/8/2024 9:02	2/8/2024 11:50	168	0
601397	2/8/2024 9:02	2/8/2024 11:39	157	0
948144	2/8/2024 9:06	2/8/2024 11:39	153	0
1366197	2/8/2024 9:06	2/9/2024 9:00	1433.5	0
1466638	2/8/2024 9:07	2/8/2024 11:08	121	0
509233	2/8/2024 9:07	2/8/2024 10:10	63	0
1394324	2/8/2024 9:07	2/8/2024 11:50	163	0
1680798	2/8/2024 9:08	2/8/2024 19:36	628	0
262048	2/8/2024 9:08	2/9/2024 9:00	1431.92	0
1445317	2/8/2024 9:08	2/8/2024 19:28	620	0
1985687	2/8/2024 9:08	2/9/2024 9:00	1431.78	0
8950281	2/8/2024 9:08	2/8/2024 14:18	310	0
51957	2/8/2024 9:08	2/8/2024 14:18	310	0
664030	2/8/2024 9:09	2/9/2024 9:00	1430.83	0
25674	2/8/2024 9:10	2/8/2024 19:30	620	0
317195	2/8/2024 9:10	2/8/2024 19:29	619	0
188639	2/8/2024 9:10	2/8/2024 19:30	620	0.28
314945	2/8/2024 9:10	2/8/2024 19:30	620	0
658837	2/8/2024 9:10	2/8/2024 15:27	377	0.11
1444809	2/8/2024 9:10	2/8/2024 19:29	619	0.15
1494722	2/8/2024 9:11	2/8/2024 19:41	630	0.28
26921	2/8/2024 9:11	2/8/2024 19:14	603	0
24124	2/8/2024 9:12	2/8/2024 10:10	58	0
1393699	2/8/2024 9:12	2/8/2024 19:26	614	0
34905	2/8/2024 9:12	2/8/2024 11:28	136	0
29635	2/8/2024 9:13	2/8/2024 11:29	136	0
27443	2/8/2024 9:13	2/8/2024 19:16	603	0
1554218	2/8/2024 9:16	2/8/2024 11:49	153	0
1557188	2/8/2024 9:16	2/8/2024 11:49	153	0
1557303	2/8/2024 9:17	2/8/2024 11:49	152	0
211683	2/8/2024 9:19	2/8/2024 19:29	610	0
860281	2/8/2024 9:21	2/8/2024 11:37	136	0
1432940	2/8/2024 9:22	2/8/2024 19:31	609	0
859747	2/8/2024 9:22	2/8/2024 11:39	137	0
1190246	2/8/2024 9:22	2/8/2024 19:31	609	0
1523524	2/8/2024 9:23	2/8/2024 11:39	136	0
1433348	2/8/2024 9:24	2/8/2024 19:43	619	0
1321605	2/8/2024 9:24	2/8/2024 19:18	594	0
1641091	2/8/2024 9:25	2/8/2024 19:45	620	0
347230	2/8/2024 9:27	2/8/2024 11:44	137	0
1430644	2/8/2024 9:31	2/8/2024 11:48	137	0.37
51483	2/8/2024 9:32	2/8/2024 14:21	289	0
4173986	2/8/2024 9:33	2/8/2024 19:31	598	0

1624452	2/8/2024 9:33	2/8/2024 11:32	119	0
274522	2/8/2024 9:33	2/8/2024 19:26	593	0
275495	2/8/2024 9:34	2/8/2024 19:34	600	0
276488	2/8/2024 9:35	2/8/2024 19:35	600	0
10013697	2/8/2024 9:35	2/8/2024 19:29	594	0
1417138	2/8/2024 9:36	2/8/2024 10:34	58	0
279833	2/8/2024 9:37	2/8/2024 19:34	597	0
1551513	2/8/2024 9:37	2/8/2024 19:36	599	0
8104722	2/8/2024 9:37	2/8/2024 19:29	592	0
275018	2/8/2024 9:37	2/8/2024 19:33	596	0
627289	2/8/2024 9:37	2/8/2024 10:51	74	0
1551510	2/8/2024 9:37	2/8/2024 19:30	593	0
523489	2/8/2024 9:37	2/8/2024 19:32	595	0.09
10510361	2/8/2024 9:37	2/8/2024 19:25	588	0
315345	2/8/2024 9:38	2/8/2024 19:31	593	0
971524	2/8/2024 9:38	2/8/2024 10:52	74	0
624628	2/8/2024 9:38	2/8/2024 10:51	73	0
624953	2/8/2024 9:38	2/8/2024 10:52	74	0
10393495	2/8/2024 9:38	2/8/2024 19:36	598	0
318402	2/8/2024 9:39	2/8/2024 19:27	588	0
315346	2/8/2024 9:39	2/8/2024 19:32	593	0
627018	2/8/2024 9:39	2/8/2024 10:52	73	0
317797	2/8/2024 9:40	2/8/2024 19:28	588	0
314899	2/8/2024 9:40	2/8/2024 19:28	588	0
385332	2/8/2024 9:40	2/8/2024 19:14	574	0
317233	2/8/2024 9:41	2/8/2024 19:29	588	0.15
317084	2/8/2024 9:42	2/8/2024 19:35	593	0
1081237	2/8/2024 9:44	2/8/2024 19:44	600	0
1466357	2/8/2024 9:47	2/8/2024 19:30	583	0
1430553	2/8/2024 9:48	2/8/2024 11:48	120	0
9063373	2/8/2024 9:48	2/8/2024 11:49	121	0
1604432	2/8/2024 9:48	2/8/2024 19:36	588	0.12
1430838	2/8/2024 9:48	2/8/2024 11:49	121	0
980398	2/8/2024 9:49	2/8/2024 12:05	136	0
1394365	2/8/2024 9:49	2/8/2024 11:50	121	0
498070	2/8/2024 9:49	2/8/2024 11:44	115	0
500173	2/8/2024 9:49	2/8/2024 11:24	95	0.64
646026	2/8/2024 9:51	2/8/2024 11:41	110	0
645339	2/8/2024 9:53	2/8/2024 11:38	105	0
918098	2/8/2024 9:53	2/8/2024 14:22	269	0
281235	2/8/2024 9:54	2/8/2024 19:36	582	0
1515733	2/8/2024 9:54	2/8/2024 11:38	104	0.2
510974	2/8/2024 9:54	2/8/2024 19:31	577	0
1320008	2/8/2024 9:54	2/8/2024 19:21	567	0
1552154	2/8/2024 9:55	2/8/2024 19:37	582	0
664453	2/8/2024 9:56	2/8/2024 19:23	567	0
1403562	2/8/2024 9:58	2/8/2024 19:40	582	0

8511623	2/8/2024 9:58	2/8/2024 19:30	572	0
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593366	2/8/2024 10:01	2/8/2024 10:48	47	0
411053	2/8/2024 10:01	2/8/2024 11:00	59	0
1556565	2/8/2024 10:02	2/8/2024 11:47	105	0
593397	2/8/2024 10:02	2/8/2024 10:44	42	0
68308	2/8/2024 10:03	2/8/2024 10:50	47	0
1430294	2/8/2024 10:03	2/8/2024 11:48	105	0
454861	2/8/2024 10:03	2/8/2024 11:33	90	0.24
454901	2/8/2024 10:03	2/8/2024 11:33	90	0.13
1556434	2/8/2024 10:03	2/8/2024 11:49	106	0.32
593798	2/8/2024 10:03	2/8/2024 10:45	42	0
456099	2/8/2024 10:03	2/8/2024 11:38	95	0
1556352	2/8/2024 10:04	2/8/2024 11:49	105	0
1503507	2/8/2024 10:04	2/8/2024 19:40	576	0
315169	2/8/2024 10:04	2/8/2024 14:17	253	0
457729	2/8/2024 10:04	2/8/2024 11:33	89	0
7178975	2/8/2024 10:04	2/8/2024 11:49	105	0
1556486	2/8/2024 10:04	2/8/2024 11:49	105	0
455345	2/8/2024 10:04	2/8/2024 11:33	89	0
196408	2/8/2024 10:04	2/8/2024 14:21	257	0
314188	2/8/2024 10:05	2/8/2024 11:50	105	0
47769	2/8/2024 10:05	2/8/2024 19:27	562	0
726904	2/8/2024 10:06	2/9/2024 9:00	1373.83	0
197690	2/8/2024 10:06	2/8/2024 19:26	560	0
455629	2/8/2024 10:06	2/8/2024 11:36	90	0
324249	2/8/2024 10:06	2/8/2024 11:40	94	0
457978	2/8/2024 10:07	2/8/2024 11:37	90	0
323657	2/8/2024 10:07	2/8/2024 11:36	89	0
323747	2/8/2024 10:07	2/8/2024 11:36	89	0
1309098	2/8/2024 10:08	2/8/2024 19:20	552	0.95
197883	2/8/2024 10:08	2/8/2024 14:25	257	0
455994	2/8/2024 10:08	2/8/2024 11:21	73	0
1493766	2/8/2024 10:08	2/8/2024 12:09	121	0
197629	2/8/2024 10:08	2/8/2024 14:20	252	0.11
645144	2/8/2024 10:08	2/8/2024 11:37	89	0.07
195839	2/8/2024 10:09	2/8/2024 14:21	252	0
506261	2/8/2024 10:09	2/8/2024 19:36	567	0.4
793690	2/8/2024 10:09	2/8/2024 11:38	89	0
605186	2/8/2024 10:09	2/8/2024 11:38	89	0
24124	2/8/2024 10:10	2/8/2024 19:32	562	0
509233	2/8/2024 10:10	2/8/2024 19:41	571	0
1310926	2/8/2024 10:10	2/8/2024 19:32	562	0
1385431	2/8/2024 10:10	2/8/2024 12:19	129	0
313269	2/8/2024 10:11	2/8/2024 10:53	42	0
315306	2/8/2024 10:11	2/8/2024 19:32	561	0.03
316997	2/8/2024 10:11	2/8/2024 19:31	560	0

975066	2/8/2024 10:11	2/8/2024 19:33	562	0
1685329	2/8/2024 10:11	2/8/2024 19:27	556	0
8524544	2/8/2024 10:12	2/8/2024 10:54	42	0
8148103	2/8/2024 10:12	2/8/2024 19:34	562	0
1385122	2/8/2024 10:12	2/8/2024 12:12	120	0
189581	2/8/2024 10:13	2/8/2024 11:11	58	0
1406535	2/8/2024 10:15	2/8/2024 11:44	89	0
1405290	2/8/2024 10:15	2/8/2024 11:45	90	0.05
817260	2/8/2024 10:16	2/8/2024 19:27	551	0
1020565	2/8/2024 10:16	2/8/2024 10:58	42	0
266010	2/8/2024 10:17	2/8/2024 19:28	551	0
997397	2/8/2024 10:17	2/8/2024 11:35	78	0
945898	2/8/2024 10:18	2/8/2024 19:18	540	0
561672	2/8/2024 10:18	2/8/2024 14:35	257	0
1251782	2/8/2024 10:18	2/8/2024 19:29	551	0
197561	2/8/2024 10:19	2/8/2024 14:21	242	0.09
265473	2/8/2024 10:20	2/8/2024 19:31	551	0
854579	2/8/2024 10:20	2/8/2024 14:37	257	0
449377	2/8/2024 10:20	2/8/2024 11:12	52	0
852071	2/8/2024 10:21	2/8/2024 14:33	252	0
852125	2/8/2024 10:22	2/8/2024 14:34	252	0
265864	2/8/2024 10:22	2/8/2024 19:32	550	0
1683861	2/8/2024 10:22	2/8/2024 15:09	287	0.13
274059	2/8/2024 10:22	2/8/2024 19:58	576	0
6714863	2/8/2024 10:24	2/8/2024 11:38	74	0
34887	2/8/2024 10:25	2/8/2024 11:12	47	0
793285	2/8/2024 10:25	2/8/2024 11:39	74	0
790670	2/8/2024 10:27	2/8/2024 11:40	73	0
1393633	2/8/2024 10:28	2/8/2024 19:28	540	0.36
35442	2/8/2024 10:28	2/8/2024 11:13	45	0
34832	2/8/2024 10:28	2/8/2024 11:15	47	0
816722	2/8/2024 10:30	2/8/2024 19:20	530	0
817825	2/8/2024 10:30	2/8/2024 19:26	536	0
1415828	2/8/2024 10:31	2/8/2024 19:27	536	0
1503634	2/8/2024 10:31	2/8/2024 19:24	533	0
980870	2/8/2024 10:31	2/8/2024 10:47	16	0
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1417138	2/8/2024 10:34	2/8/2024 10:50	16	0
1456419	2/8/2024 10:34	2/8/2024 10:50	16	0
1555268	2/8/2024 10:35	2/8/2024 19:36	541	0
1416360	2/8/2024 10:35	2/8/2024 19:36	541	0
1412757	2/8/2024 10:35	2/8/2024 11:32	57	0
1549376	2/8/2024 10:36	2/8/2024 19:32	536	0
1549436	2/8/2024 10:36	2/8/2024 19:37	541	0
1546695	2/8/2024 10:36	2/8/2024 19:32	536	0
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70866	2/8/2024 10:37	2/8/2024 11:34	57	0

508593	2/8/2024 10:37	2/8/2024 19:40	543	0
772378	2/8/2024 10:37	2/8/2024 11:35	58	0
1417279	2/8/2024 10:37	2/8/2024 19:26	529	0
1547692	2/8/2024 10:37	2/8/2024 19:38	541	0
1446401	2/8/2024 10:38	2/8/2024 19:28	530	0
507365	2/8/2024 10:38	2/8/2024 19:38	540	0
1550815	2/8/2024 10:39	2/8/2024 19:30	531	0
510307	2/8/2024 10:39	2/8/2024 19:28	529	0
1511251	2/8/2024 10:40	2/8/2024 19:30	530	0
1547843	2/8/2024 10:40	2/8/2024 19:35	535	0.1
511266	2/8/2024 10:40	2/8/2024 19:35	535	0
1511264	2/8/2024 10:41	2/8/2024 19:31	530	0.44
1597556	2/8/2024 10:41	2/8/2024 19:26	525	0
1041597	2/8/2024 10:41	2/8/2024 11:44	63	0
1565203	2/8/2024 10:42	2/8/2024 10:58	16	0
8486022	2/8/2024 10:42	2/8/2024 19:32	530	0
23566	2/8/2024 10:43	2/8/2024 11:25	42	0
553863	2/8/2024 10:44	2/8/2024 14:27	223	0
593397	2/8/2024 10:44	2/8/2024 19:30	526	0
25066	2/8/2024 10:44	2/8/2024 11:26	42	0
1573666	2/8/2024 10:44	2/8/2024 19:28	524	0
1493132	2/8/2024 10:45	2/8/2024 11:28	43	0.15
593798	2/8/2024 10:45	2/8/2024 19:30	525	0
1375642	2/8/2024 10:45	2/8/2024 11:43	58	0
1599209	2/8/2024 10:45	2/8/2024 19:24	519	0
562727	2/8/2024 10:46	2/8/2024 11:17	31	0
456048	2/8/2024 10:46	2/8/2024 19:37	531	0
456084	2/8/2024 10:46	2/8/2024 19:31	525	0
320966	2/8/2024 10:47	2/8/2024 11:34	47	0
10433250	2/8/2024 10:47	2/8/2024 11:45	58	0
1375227	2/8/2024 10:47	2/8/2024 11:29	42	0
980870	2/8/2024 10:47	2/8/2024 19:31	524	0
740241	2/8/2024 10:47	2/8/2024 11:03	16	0
593366	2/8/2024 10:48	2/8/2024 19:30	522	0
9313875	2/8/2024 10:48	2/8/2024 19:28	520	0
69207	2/8/2024 10:48	2/8/2024 11:35	47	0
926657	2/8/2024 10:48	2/8/2024 19:26	518	0
1503739	2/8/2024 10:48	2/8/2024 19:22	514	0.44
8495802	2/8/2024 10:48	2/8/2024 19:28	520	1.25
11081884	2/8/2024 10:49	2/8/2024 14:24	215	0
68308	2/8/2024 10:50	2/8/2024 11:48	58	0
1456419	2/8/2024 10:50	2/8/2024 14:20	210	0
1417138	2/8/2024 10:50	2/8/2024 19:35	525	0
989956	2/8/2024 10:50	2/8/2024 19:19	509	0
1464949	2/8/2024 10:51	2/8/2024 19:42	531	0
10659831	2/8/2024 10:51	2/8/2024 19:34	523	0
500145	2/8/2024 10:51	2/8/2024 19:36	525	0

558031	2/8/2024 10:51	2/8/2024 11:22	31	0
280173	2/8/2024 10:51	2/8/2024 19:34	523	0
627289	2/8/2024 10:51	2/8/2024 11:38	47	0
1459057	2/8/2024 10:51	2/8/2024 19:25	514	0
574993	2/8/2024 10:51	2/8/2024 10:56	5	0
624628	2/8/2024 10:51	2/8/2024 11:39	48	0
1463218	2/8/2024 10:51	2/8/2024 19:25	514	0
624716	2/8/2024 10:51	2/8/2024 14:21	210	0
8068454	2/8/2024 10:51	2/8/2024 11:34	43	0
1332906	2/8/2024 10:51	2/8/2024 19:20	509	0.43
971524	2/8/2024 10:52	2/8/2024 11:39	47	0
68620	2/8/2024 10:52	2/8/2024 11:34	42	0
281056	2/8/2024 10:52	2/8/2024 21:32	640	0.06
561757	2/8/2024 10:52	2/8/2024 11:23	31	0
500322	2/8/2024 10:52	2/8/2024 19:37	525	0.07
627018	2/8/2024 10:52	2/8/2024 11:39	47	0.01
626477	2/8/2024 10:52	2/8/2024 14:22	210	0
624953	2/8/2024 10:52	2/8/2024 11:39	47	0
574596	2/8/2024 10:53	2/8/2024 11:38	45	0
313269	2/8/2024 10:53	2/8/2024 19:38	525	0
1516579	2/8/2024 10:54	2/8/2024 10:59	5	0
8524544	2/8/2024 10:54	2/8/2024 19:29	515	0
1319739	2/8/2024 10:54	2/9/2024 9:00	1325.5	0
552210	2/8/2024 10:55	2/8/2024 14:12	197	0
2032900	2/8/2024 10:56	2/8/2024 19:25	509	0
317126	2/8/2024 10:56	2/8/2024 19:35	519	0
574993	2/8/2024 10:56	2/8/2024 11:22	26	0
416557	2/8/2024 10:57	2/8/2024 13:30	153	0
975191	2/8/2024 10:57	2/8/2024 11:13	16	0
26864	2/8/2024 10:57	2/8/2024 11:13	16	0
8387677	2/8/2024 10:57	2/8/2024 19:32	515	0
1384509	2/8/2024 10:58	2/8/2024 12:42	104	0
1020565	2/8/2024 10:58	2/8/2024 12:02	64	0
1565203	2/8/2024 10:58	2/8/2024 11:45	47	0
353651	2/8/2024 10:59	2/8/2024 11:44	45	0
1516579	2/8/2024 10:59	2/8/2024 11:10	11	0
1020274	2/8/2024 11:00	2/8/2024 11:58	58	0.41
411053	2/8/2024 11:00	2/8/2024 11:31	31	0
353371	2/8/2024 11:01	2/8/2024 11:43	42	0
259674	2/8/2024 11:02	2/8/2024 19:32	510	0
1556246	2/8/2024 11:02	2/8/2024 11:49	47	0
740241	2/8/2024 11:03	2/8/2024 11:50	47	0
1557676	2/8/2024 11:04	2/8/2024 11:46	42	0
1556243	2/8/2024 11:05	2/8/2024 11:47	42	0
1939790	2/8/2024 11:05	2/8/2024 19:24	499	1.13
1421188	2/8/2024 11:05	2/8/2024 19:29	504	0
1453263	2/8/2024 11:05	2/8/2024 14:19	194	0

224277	2/8/2024 11:06	2/8/2024 11:38	32	0
1020387	2/8/2024 11:06	2/8/2024 11:59	53	0.13
1514004	2/8/2024 11:06	2/8/2024 11:48	42	0
196965	2/8/2024 11:07	2/8/2024 14:21	194	0
325050	2/8/2024 11:07	2/8/2024 11:38	31	0
1405153	2/8/2024 11:07	2/8/2024 19:26	499	0
1515964	2/8/2024 11:07	2/8/2024 11:49	42	0
267537	2/8/2024 11:07	2/8/2024 19:31	504	0
197356	2/8/2024 11:08	2/8/2024 14:23	195	0
801004	2/8/2024 11:08	2/8/2024 19:32	504	0
791361	2/8/2024 11:08	2/8/2024 19:22	494	0
449036	2/8/2024 11:08	2/8/2024 11:35	27	0.09
324045	2/8/2024 11:08	2/8/2024 11:40	32	0
1093833	2/8/2024 11:08	2/8/2024 11:39	31	0
800600	2/8/2024 11:08	2/8/2024 19:22	494	0
1466638	2/8/2024 11:08	2/8/2024 19:26	498	0
792446	2/8/2024 11:09	2/8/2024 19:31	502	0
794132	2/8/2024 11:09	2/8/2024 19:27	498	0
792391	2/8/2024 11:09	2/8/2024 19:27	498	0
567126	2/8/2024 11:09	2/8/2024 11:40	31	0
793737	2/8/2024 11:09	2/8/2024 19:28	499	0
1516579	2/8/2024 11:10	2/8/2024 11:15	5	0
6995795	2/8/2024 11:11	2/8/2024 19:35	504	0
189581	2/8/2024 11:11	2/8/2024 11:26	15	0
564518	2/8/2024 11:11	2/8/2024 11:43	32	0
381982	2/8/2024 11:12	2/8/2024 19:36	504	0
380057	2/8/2024 11:12	2/8/2024 19:41	509	0
793937	2/8/2024 11:12	2/8/2024 19:13	481	0
29848	2/8/2024 11:12	2/8/2024 11:28	16	0.01
21306	2/8/2024 11:12	2/8/2024 19:31	499	0
800588	2/8/2024 11:12	2/8/2024 19:20	488	0
449377	2/8/2024 11:12	2/8/2024 11:34	22	0
34887	2/8/2024 11:12	2/8/2024 19:35	503	0
800590	2/8/2024 11:12	2/8/2024 19:25	493	0
380736	2/8/2024 11:12	2/8/2024 19:20	488	0
35442	2/8/2024 11:13	2/8/2024 19:33	500	0
1654064	2/8/2024 11:13	2/9/2024 9:00	1306.53	0
23462	2/8/2024 11:13	2/8/2024 11:29	16	0
975191	2/8/2024 11:13	2/8/2024 19:26	493	0
26864	2/8/2024 11:13	2/8/2024 11:29	16	0
125572	2/8/2024 11:13	2/8/2024 19:35	502	0
27852	2/8/2024 11:13	2/8/2024 11:28	15	0
7879030	2/8/2024 11:13	2/8/2024 19:32	499	0
425936	2/8/2024 11:14	2/8/2024 19:32	498	0
30471	2/8/2024 11:14	2/8/2024 11:30	16	0
1516579	2/8/2024 11:15	2/8/2024 11:26	11	0
34832	2/8/2024 11:15	2/8/2024 19:27	492	0

8910809	2/8/2024 11:15	2/8/2024 19:33	498	0
274125	2/8/2024 11:16	2/8/2024 20:02	526	0
428179	2/8/2024 11:17	2/8/2024 19:31	494	0
562727	2/8/2024 11:17	2/8/2024 14:32	195	0.42
1672784	2/8/2024 11:18	2/9/2024 9:00	1301.78	0.03
926638	2/8/2024 11:19	2/8/2024 19:27	488	0
926505	2/8/2024 11:19	2/8/2024 19:28	489	0
928438	2/8/2024 11:19	2/9/2024 9:00	1300.83	0
926503	2/8/2024 11:20	2/8/2024 19:28	488	0
658642	2/8/2024 11:20	2/9/2024 9:00	1299.83	0
1462990	2/8/2024 11:20	2/8/2024 19:39	499	0
455994	2/8/2024 11:21	2/8/2024 11:37	16	0
511223	2/8/2024 11:22	2/8/2024 19:36	494	0
8668965	2/8/2024 11:22	2/8/2024 19:30	488	0
574993	2/8/2024 11:22	2/8/2024 11:28	6	0
1543009	2/8/2024 11:22	2/8/2024 11:48	26	0
558031	2/8/2024 11:22	2/8/2024 19:25	483	0
561757	2/8/2024 11:23	2/8/2024 19:26	483	0
660265	2/8/2024 11:23	2/8/2024 19:25	482	0
1508563	2/8/2024 11:23	2/8/2024 19:31	488	0
509102	2/8/2024 11:23	2/8/2024 19:37	494	0
1446785	2/8/2024 11:23	2/8/2024 19:36	493	0.24
127206	2/8/2024 11:24	2/9/2024 9:00	1295.92	0
500173	2/8/2024 11:24	2/8/2024 11:34	10	0.03
510522	2/8/2024 11:24	2/8/2024 19:32	488	0
1511532	2/8/2024 11:24	2/8/2024 19:37	493	0
8590289	2/8/2024 11:25	2/8/2024 19:33	488	0
23566	2/8/2024 11:25	2/8/2024 19:26	481	0
549596	2/8/2024 11:25	2/8/2024 11:40	15	0
25066	2/8/2024 11:26	2/8/2024 14:40	194	0
1516579	2/8/2024 11:26	2/8/2024 11:31	5	0
549617	2/8/2024 11:26	2/8/2024 11:41	15	0.05
1518000	2/8/2024 11:26	2/8/2024 19:29	483	0
189581	2/8/2024 11:26	2/8/2024 19:37	491	0
410569	2/8/2024 11:26	2/8/2024 11:42	16	0.05
34905	2/8/2024 11:28	2/8/2024 19:31	483	0
27483	2/8/2024 11:28	2/8/2024 19:31	483	0
29848	2/8/2024 11:28	2/8/2024 19:25	477	0.08
1493132	2/8/2024 11:28	2/8/2024 11:43	15	0
1075503	2/8/2024 11:28	2/8/2024 19:25	477	0
27852	2/8/2024 11:28	2/8/2024 15:35	247	0
574993	2/8/2024 11:28	2/8/2024 11:38	10	0
1375227	2/8/2024 11:29	2/8/2024 11:45	16	0
26864	2/8/2024 11:29	2/8/2024 19:26	477	0
29635	2/8/2024 11:29	2/8/2024 19:32	483	0
23462	2/8/2024 11:29	2/8/2024 19:27	478	0
587455	2/8/2024 11:30	2/8/2024 19:23	473	0

412019	2/8/2024 11:30	2/8/2024 11:40	10	0
28509	2/8/2024 11:30	2/8/2024 19:27	477	0
30471	2/8/2024 11:30	2/8/2024 19:33	483	0
29748	2/8/2024 11:31	2/8/2024 19:29	478	0
411053	2/8/2024 11:31	2/8/2024 11:41	10	0
1516579	2/8/2024 11:31	2/8/2024 11:36	5	0
1412757	2/8/2024 11:32	2/8/2024 13:33	121	0
413869	2/8/2024 11:32	2/8/2024 19:40	488	0
1624452	2/8/2024 11:32	2/8/2024 16:15	283	0
11176351	2/8/2024 11:32	2/8/2024 19:30	478	0
457729	2/8/2024 11:33	2/8/2024 12:36	63	0
988954	2/8/2024 11:33	2/8/2024 14:36	183	0
455345	2/8/2024 11:33	2/8/2024 12:36	63	0
454901	2/8/2024 11:33	2/8/2024 12:36	63	0
454861	2/8/2024 11:33	2/8/2024 12:36	63	0.18
68620	2/8/2024 11:34	2/8/2024 19:34	480	0
70866	2/8/2024 11:34	2/8/2024 19:32	478	0
500173	2/8/2024 11:34	2/8/2024 11:50	16	0.16
449377	2/8/2024 11:34	2/8/2024 12:00	26	0
320966	2/8/2024 11:34	2/8/2024 12:00	26	0
8068454	2/8/2024 11:34	2/8/2024 13:08	94	0
997397	2/8/2024 11:35	2/8/2024 11:46	11	0
449036	2/8/2024 11:35	2/8/2024 12:48	73	0.1
69207	2/8/2024 11:35	2/8/2024 19:30	475	0
772378	2/8/2024 11:35	2/8/2024 11:51	16	0
623612	2/8/2024 11:35	2/8/2024 19:35	480	0
1516579	2/8/2024 11:36	2/8/2024 11:41	5	0
323657	2/8/2024 11:36	2/8/2024 12:07	31	0
323747	2/8/2024 11:36	2/8/2024 12:07	31	0
634779	2/8/2024 11:36	2/8/2024 11:52	16	0
455629	2/8/2024 11:36	2/8/2024 12:33	57	0
457978	2/8/2024 11:37	2/8/2024 12:34	57	0
860281	2/8/2024 11:37	2/8/2024 11:53	16	0
645144	2/8/2024 11:37	2/8/2024 11:53	16	0
455994	2/8/2024 11:37	2/8/2024 12:35	58	0
605186	2/8/2024 11:38	2/8/2024 19:31	473	0
325050	2/8/2024 11:38	2/8/2024 12:09	31	0
224277	2/8/2024 11:38	2/9/2024 9:00	1281.92	0
645339	2/8/2024 11:38	2/8/2024 11:54	16	0
793690	2/8/2024 11:38	2/8/2024 11:54	16	0
456099	2/8/2024 11:38	2/8/2024 12:35	57	0
609850	2/8/2024 11:38	2/8/2024 19:20	462	0
6714863	2/8/2024 11:38	2/8/2024 11:53	15	0
1515733	2/8/2024 11:38	2/8/2024 11:54	16	0
574993	2/8/2024 11:38	2/8/2024 11:43	5	0
627289	2/8/2024 11:38	2/8/2024 15:45	247	0
574596	2/8/2024 11:38	2/8/2024 11:53	15	0

627018	2/8/2024 11:39	2/8/2024 14:22	163	0.04
1523524	2/8/2024 11:39	2/8/2024 14:53	194	0
859747	2/8/2024 11:39	2/8/2024 11:49	10	0
623069	2/8/2024 11:39	2/8/2024 19:39	480	0
623871	2/8/2024 11:39	2/8/2024 19:25	466	0
601397	2/8/2024 11:39	2/8/2024 19:37	478	0
948144	2/8/2024 11:39	2/8/2024 11:54	15	0
624953	2/8/2024 11:39	2/8/2024 14:22	163	0
971524	2/8/2024 11:39	2/8/2024 14:22	163	0
1093833	2/8/2024 11:39	2/8/2024 14:38	179	0
793285	2/8/2024 11:39	2/8/2024 11:54	15	0
624628	2/8/2024 11:39	2/8/2024 14:21	162	0
549596	2/8/2024 11:40	2/8/2024 12:12	32	0
412019	2/8/2024 11:40	2/8/2024 14:12	152	0
324249	2/8/2024 11:40	2/8/2024 12:07	27	0
634044	2/8/2024 11:40	2/8/2024 11:56	16	0
567126	2/8/2024 11:40	2/8/2024 14:39	179	0
324045	2/8/2024 11:40	2/8/2024 12:06	26	0
610737	2/8/2024 11:40	2/8/2024 19:21	461	0
790670	2/8/2024 11:40	2/8/2024 11:56	16	0
609757	2/8/2024 11:40	2/9/2024 9:00	1279.78	0
1073095	2/8/2024 11:40	2/8/2024 19:22	462	0
611761	2/8/2024 11:41	2/9/2024 9:00	1278.78	0
549617	2/8/2024 11:41	2/8/2024 12:13	32	0
21820	2/8/2024 11:41	2/8/2024 19:33	472	0
646026	2/8/2024 11:41	2/8/2024 11:51	10	0
1516579	2/8/2024 11:41	2/8/2024 11:52	11	0
411053	2/8/2024 11:41	2/8/2024 14:08	147	0
411436	2/8/2024 11:42	2/9/2024 9:00	1277.78	0
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410569	2/8/2024 11:42	2/8/2024 14:08	146	0
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1493132	2/8/2024 11:43	2/8/2024 12:15	32	0
574993	2/8/2024 11:43	2/8/2024 11:54	11	0
353371	2/8/2024 11:43	2/8/2024 14:31	168	0
551972	2/8/2024 11:43	2/8/2024 12:09	26	0
1375642	2/8/2024 11:43	2/8/2024 12:15	32	0
1041597	2/8/2024 11:44	2/8/2024 12:00	16	0
498070	2/8/2024 11:44	2/8/2024 11:49	5	0
353651	2/8/2024 11:44	2/8/2024 14:29	165	0
1406535	2/8/2024 11:44	2/8/2024 12:00	16	0
347230	2/8/2024 11:44	2/8/2024 14:32	168	0
1375227	2/8/2024 11:45	2/8/2024 12:17	32	0
1405290	2/8/2024 11:45	2/8/2024 12:01	16	0.02
1565203	2/8/2024 11:45	2/8/2024 12:01	16	0
10433250	2/8/2024 11:45	2/8/2024 12:16	31	0
1557676	2/8/2024 11:46	2/8/2024 12:18	32	0

997397	2/8/2024 11:46	2/8/2024 14:33	167	0
1582130	2/8/2024 11:47	2/8/2024 12:02	15	0
353082	2/8/2024 11:47	2/8/2024 14:29	162	0
1556565	2/8/2024 11:47	2/8/2024 12:19	32	0
1556243	2/8/2024 11:47	2/8/2024 12:19	32	0
68308	2/8/2024 11:48	2/8/2024 19:30	462	0
1543009	2/8/2024 11:48	2/8/2024 12:51	63	0
1430294	2/8/2024 11:48	2/8/2024 12:09	21	0
1670658	2/8/2024 11:48	2/8/2024 19:30	462	0
1430553	2/8/2024 11:48	2/8/2024 12:04	16	0
1514004	2/8/2024 11:48	2/8/2024 12:04	16	0
1430644	2/8/2024 11:48	2/8/2024 12:04	16	0.05
1584687	2/8/2024 11:48	2/8/2024 12:04	16	0
498070	2/8/2024 11:49	2/8/2024 14:22	153	0
1556246	2/8/2024 11:49	2/8/2024 12:16	27	0
9063373	2/8/2024 11:49	2/8/2024 12:05	16	0
1430838	2/8/2024 11:49	2/8/2024 12:04	15	0
7178975	2/8/2024 11:49	2/8/2024 12:21	32	0
1557188	2/8/2024 11:49	2/8/2024 12:20	31	0
1557303	2/8/2024 11:49	2/8/2024 12:15	26	0
1554218	2/8/2024 11:49	2/8/2024 12:20	31	0
1556352	2/8/2024 11:49	2/8/2024 12:21	32	0
1556434	2/8/2024 11:49	2/8/2024 12:20	31	0
1535304	2/8/2024 11:49	2/8/2024 12:52	63	0
1556486	2/8/2024 11:49	2/8/2024 12:20	31	0
1515964	2/8/2024 11:49	2/8/2024 12:05	16	0
859747	2/8/2024 11:49	2/8/2024 12:05	16	0
1394324	2/8/2024 11:50	2/8/2024 12:06	16	0
1394365	2/8/2024 11:50	2/8/2024 12:06	16	0
315730	2/8/2024 11:50	2/8/2024 12:16	26	0
314188	2/8/2024 11:50	2/8/2024 12:16	26	0
740241	2/8/2024 11:50	2/8/2024 12:06	16	0
1535397	2/8/2024 11:50	2/8/2024 12:53	63	0
500173	2/8/2024 11:50	2/8/2024 14:22	152	0.09
772378	2/8/2024 11:51	2/8/2024 19:38	467	0
646026	2/8/2024 11:51	2/8/2024 14:39	168	0
1516579	2/8/2024 11:52	2/8/2024 11:57	5	0
634779	2/8/2024 11:52	2/8/2024 14:24	152	0
408857	2/8/2024 11:53	2/8/2024 19:26	453	0
860281	2/8/2024 11:53	2/8/2024 12:08	15	0
574596	2/8/2024 11:53	2/8/2024 12:08	15	0
6714863	2/8/2024 11:53	2/8/2024 12:25	32	0
645144	2/8/2024 11:53	2/8/2024 14:41	168	0
645339	2/8/2024 11:54	2/8/2024 14:26	152	0
793690	2/8/2024 11:54	2/8/2024 12:25	31	0
793285	2/8/2024 11:54	2/8/2024 12:26	32	0
948144	2/8/2024 11:54	2/8/2024 12:05	11	0

574993	2/8/2024 11:54	2/8/2024 11:59	5	0
903630	2/8/2024 11:54	2/9/2024 9:00	1265.83	0
1515733	2/8/2024 11:54	2/8/2024 12:10	16	0
790670	2/8/2024 11:56	2/8/2024 12:27	31	0
634044	2/8/2024 11:56	2/8/2024 14:23	147	0
1516579	2/8/2024 11:57	2/8/2024 14:26	149	0
1020274	2/8/2024 11:58	2/8/2024 12:45	47	0
574993	2/8/2024 11:59	2/8/2024 12:10	11	0
1019446	2/8/2024 11:59	2/8/2024 12:46	47	0
1020387	2/8/2024 11:59	2/8/2024 12:46	47	0
320966	2/8/2024 12:00	2/8/2024 14:49	169	0
1041597	2/8/2024 12:00	2/8/2024 12:10	10	0
449377	2/8/2024 12:00	2/8/2024 13:03	63	0
1406535	2/8/2024 12:00	2/8/2024 12:26	26	0
444688	2/8/2024 12:01	2/9/2024 9:00	1258.78	0
353728	2/8/2024 12:01	2/8/2024 14:33	152	0
675499	2/8/2024 12:01	2/8/2024 14:43	162	0
1405290	2/8/2024 12:01	2/8/2024 12:27	26	0
1565203	2/8/2024 12:01	2/8/2024 12:17	16	0
1582130	2/8/2024 12:02	2/8/2024 15:32	210	0
1020565	2/8/2024 12:02	2/8/2024 12:43	41	0
1430644	2/8/2024 12:04	2/8/2024 12:35	31	0.01
1430838	2/8/2024 12:04	2/8/2024 12:30	26	0
1514004	2/8/2024 12:04	2/8/2024 12:51	47	0
1430553	2/8/2024 12:04	2/8/2024 12:35	31	0
1584687	2/8/2024 12:04	2/8/2024 15:34	210	0
1431804	2/8/2024 12:04	2/8/2024 14:46	162	0
9063373	2/8/2024 12:05	2/8/2024 16:33	268	0
948144	2/8/2024 12:05	2/8/2024 12:52	47	0
980398	2/8/2024 12:05	2/8/2024 15:30	205	0
1515964	2/8/2024 12:05	2/8/2024 12:52	47	0
859747	2/8/2024 12:05	2/8/2024 12:52	47	0
1394324	2/8/2024 12:06	2/8/2024 16:34	268	0
1394365	2/8/2024 12:06	2/8/2024 16:34	268	0
324045	2/8/2024 12:06	2/8/2024 14:22	136	0
740241	2/8/2024 12:06	2/8/2024 14:33	147	0
324249	2/8/2024 12:07	2/8/2024 14:07	120	0
323657	2/8/2024 12:07	2/8/2024 14:08	121	0
323747	2/8/2024 12:07	2/8/2024 14:08	121	0
574596	2/8/2024 12:08	2/8/2024 14:08	120	0
860281	2/8/2024 12:08	2/8/2024 12:50	42	0
549370	2/8/2024 12:08	2/8/2024 19:35	447	0
551972	2/8/2024 12:09	2/8/2024 19:23	434	0
1493766	2/8/2024 12:09	2/9/2024 9:00	1250.5	0
1430294	2/8/2024 12:09	2/8/2024 12:30	21	0
325050	2/8/2024 12:09	2/8/2024 14:10	121	0
574993	2/8/2024 12:10	2/8/2024 12:15	5	0

1041597	2/8/2024 12:10	2/9/2024 9:00	1249.53	0
1515733	2/8/2024 12:10	2/8/2024 14:11	121	0
878149	2/8/2024 12:10	2/8/2024 12:52	42	0
549596	2/8/2024 12:12	2/8/2024 19:27	435	0
1385122	2/8/2024 12:12	2/9/2024 9:00	1247.5	0
1288420	2/8/2024 12:13	2/8/2024 12:19	6	0
549617	2/8/2024 12:13	2/8/2024 19:18	425	0.01
1493132	2/8/2024 12:15	2/8/2024 12:30	15	0
1557303	2/8/2024 12:15	2/8/2024 13:50	95	0
574993	2/8/2024 12:15	2/8/2024 12:20	5	0
1375642	2/8/2024 12:15	2/8/2024 14:31	136	0
1556246	2/8/2024 12:16	2/8/2024 14:47	151	0
10433250	2/8/2024 12:16	2/8/2024 14:02	106	0
314188	2/8/2024 12:16	2/8/2024 14:17	121	0
315730	2/8/2024 12:16	2/8/2024 14:17	121	0
399291	2/8/2024 12:16	2/8/2024 19:43	447	0
1375227	2/8/2024 12:17	2/8/2024 12:33	16	0
1565203	2/8/2024 12:17	2/8/2024 15:31	194	0
1557676	2/8/2024 12:18	2/8/2024 14:50	152	0
1385431	2/8/2024 12:19	2/9/2024 9:00	1240.5	0
1556565	2/8/2024 12:19	2/8/2024 13:48	89	0
1556243	2/8/2024 12:19	2/8/2024 14:51	152	0
1288420	2/8/2024 12:19	2/8/2024 13:57	98	0
574993	2/8/2024 12:20	2/8/2024 12:25	5	0
1554218	2/8/2024 12:20	2/8/2024 13:49	89	0
1557188	2/8/2024 12:20	2/8/2024 13:49	89	0
1556486	2/8/2024 12:20	2/8/2024 13:49	89	0
1556434	2/8/2024 12:20	2/8/2024 13:49	89	0
1556352	2/8/2024 12:21	2/8/2024 12:31	10	0
7178975	2/8/2024 12:21	2/8/2024 14:21	120	0
204700	2/8/2024 12:22	2/9/2024 9:00	1237.92	0
6714863	2/8/2024 12:25	2/8/2024 14:57	152	0.22
204963	2/8/2024 12:25	2/9/2024 9:00	1234.92	0
793690	2/8/2024 12:25	2/8/2024 14:58	153	0
574993	2/8/2024 12:25	2/8/2024 13:39	74	0
793285	2/8/2024 12:26	2/8/2024 14:53	147	0
1406535	2/8/2024 12:26	2/9/2024 9:00	1233.5	0
1405290	2/8/2024 12:27	2/9/2024 9:00	1232.5	0
790670	2/8/2024 12:27	2/8/2024 14:54	147	0
1430838	2/8/2024 12:30	2/8/2024 13:49	79	0
1430294	2/8/2024 12:30	2/8/2024 14:05	95	0
1493132	2/8/2024 12:30	2/8/2024 14:00	90	0
1556352	2/8/2024 12:31	2/8/2024 14:48	137	0
1375227	2/8/2024 12:33	2/8/2024 14:02	89	0
455629	2/8/2024 12:33	2/8/2024 13:05	32	0
457978	2/8/2024 12:34	2/8/2024 14:04	90	0
1430644	2/8/2024 12:35	2/8/2024 14:20	105	0.01

1430553	2/8/2024 12:35	2/8/2024 13:49	74	0
455994	2/8/2024 12:35	2/8/2024 14:20	105	0
456099	2/8/2024 12:35	2/8/2024 14:04	89	0
489884	2/8/2024 12:35	2/9/2024 9:00	1224.78	0
454861	2/8/2024 12:36	2/8/2024 14:05	89	0
457729	2/8/2024 12:36	2/8/2024 14:05	89	0
486880	2/8/2024 12:36	2/9/2024 9:00	1223.78	0
454901	2/8/2024 12:36	2/8/2024 14:05	89	0
455345	2/8/2024 12:36	2/8/2024 14:06	90	0
486985	2/8/2024 12:38	2/9/2024 9:00	1221.78	0
1407947	2/8/2024 12:41	2/9/2024 9:00	1218.5	0
1407881	2/8/2024 12:41	2/9/2024 9:00	1218.5	0
1384509	2/8/2024 12:42	2/9/2024 9:00	1217.5	0
14239	2/8/2024 12:42	2/9/2024 9:00	1217.92	0
1020565	2/8/2024 12:43	2/8/2024 14:13	90	0
1020274	2/8/2024 12:45	2/8/2024 14:46	121	0
1019446	2/8/2024 12:46	2/8/2024 14:01	75	0
1020387	2/8/2024 12:46	2/8/2024 14:52	126	0
1394543	2/8/2024 12:47	2/9/2024 9:00	1212.5	0
449036	2/8/2024 12:48	2/8/2024 13:04	16	0
450309	2/8/2024 12:50	2/8/2024 14:18	88	0
860281	2/8/2024 12:50	2/8/2024 13:22	32	0
1543009	2/8/2024 12:51	2/8/2024 14:52	121	0
1514004	2/8/2024 12:51	2/9/2024 9:00	1208.32	0
1535304	2/8/2024 12:52	2/8/2024 14:34	102	0
878149	2/8/2024 12:52	2/9/2024 9:00	1207.83	0
1387671	2/8/2024 12:52	2/9/2024 9:00	1207.5	0
859747	2/8/2024 12:52	2/8/2024 13:24	32	0
1515964	2/8/2024 12:52	2/8/2024 14:21	89	0
1394442	2/8/2024 12:52	2/9/2024 9:00	1207.5	0
948144	2/8/2024 12:52	2/9/2024 9:00	1207.83	0
1535397	2/8/2024 12:53	2/8/2024 14:38	105	0
11435788	2/8/2024 12:53	2/9/2024 9:00	1206.92	0
308959	2/8/2024 13:02	2/9/2024 9:00	1197.92	0
449377	2/8/2024 13:03	2/8/2024 13:13	10	0
449036	2/8/2024 13:04	2/8/2024 14:02	58	0.02
455629	2/8/2024 13:05	2/8/2024 14:02	57	0
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8068454	2/8/2024 13:08	2/8/2024 13:50	42	0
449377	2/8/2024 13:13	2/8/2024 13:18	5	0
449377	2/8/2024 13:18	2/8/2024 13:50	32	0
860281	2/8/2024 13:22	2/8/2024 16:20	178	0
859747	2/8/2024 13:24	2/8/2024 16:22	178	0
416557	2/8/2024 13:30	2/8/2024 14:43	73	0
1412757	2/8/2024 13:33	2/8/2024 19:30	357	0
574993	2/8/2024 13:39	2/8/2024 13:44	5	0
574993	2/8/2024 13:44	2/8/2024 13:55	11	0

1556565	2/8/2024 13:48	2/8/2024 14:46	58	0
1556486	2/8/2024 13:49	2/8/2024 14:47	58	0
1554218	2/8/2024 13:49	2/8/2024 14:16	27	0
1556434	2/8/2024 13:49	2/8/2024 14:47	58	0
1557188	2/8/2024 13:49	2/8/2024 14:16	27	0
1430838	2/8/2024 13:49	2/8/2024 14:15	26	0
1430553	2/8/2024 13:49	2/8/2024 14:20	31	0
449377	2/8/2024 13:50	2/8/2024 14:21	31	0
1557303	2/8/2024 13:50	2/8/2024 14:16	26	0
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8068454	2/8/2024 13:50	2/8/2024 14:21	31	0
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656498	2/8/2024 13:54	2/9/2024 9:00	1145.83	0
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1288420	2/8/2024 13:57	2/8/2024 14:02	5	0
1493132	2/8/2024 14:00	2/8/2024 14:15	15	0
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574993	2/8/2024 14:00	2/8/2024 14:05	5	0
1019446	2/8/2024 14:01	2/8/2024 14:47	46	0
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10433250	2/8/2024 14:02	2/8/2024 14:12	10	0
1288420	2/8/2024 14:02	2/8/2024 14:54	52	0
449036	2/8/2024 14:02	2/8/2024 14:17	15	0
1375227	2/8/2024 14:02	2/8/2024 14:17	15	0
456099	2/8/2024 14:04	2/8/2024 14:20	16	0
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1430294	2/8/2024 14:05	2/8/2024 14:15	10	0
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455345	2/8/2024 14:06	2/8/2024 14:21	15	0
324249	2/8/2024 14:07	2/8/2024 14:23	16	0
323657	2/8/2024 14:08	2/8/2024 14:24	16	0
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411053	2/8/2024 14:08	2/8/2024 14:23	15	0
574993	2/8/2024 14:10	2/8/2024 14:21	11	0
325050	2/8/2024 14:10	2/8/2024 14:26	16	0
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412019	2/8/2024 14:12	2/8/2024 14:39	27	0
1020565	2/8/2024 14:13	2/8/2024 19:28	315	0
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1554218	2/8/2024 14:16	2/8/2024 14:47	31	0
314188	2/8/2024 14:17	2/8/2024 14:32	15	0
1375227	2/8/2024 14:17	2/8/2024 14:28	11	0
315169	2/8/2024 14:17	2/8/2024 14:32	15	0
315730	2/8/2024 14:17	2/8/2024 14:32	15	0
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51957	2/8/2024 14:18	2/8/2024 14:34	16	0
450309	2/8/2024 14:18	2/8/2024 19:22	304	0
8950281	2/8/2024 14:18	2/8/2024 14:33	15	0
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455994	2/8/2024 14:20	2/8/2024 14:51	31	0
1450250	2/8/2024 14:20	2/8/2024 14:36	16	0
456099	2/8/2024 14:20	2/8/2024 14:52	32	0
1430553	2/8/2024 14:20	2/8/2024 14:36	16	0
454861	2/8/2024 14:20	2/8/2024 14:52	32	0
8206792	2/8/2024 14:20	2/8/2024 14:36	16	0
1456419	2/8/2024 14:20	2/8/2024 14:36	16	0
53030	2/8/2024 14:20	2/9/2024 9:00	1119.92	0
197629	2/8/2024 14:20	2/8/2024 14:36	16	0
197561	2/8/2024 14:21	2/8/2024 14:37	16	0
196408	2/8/2024 14:21	2/8/2024 14:37	16	0
8068454	2/8/2024 14:21	2/8/2024 14:37	16	0
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624716	2/8/2024 14:21	2/8/2024 19:36	315	0
454901	2/8/2024 14:21	2/8/2024 14:52	31	0
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195839	2/8/2024 14:21	2/8/2024 14:37	16	0
457729	2/8/2024 14:21	2/8/2024 14:48	27	0
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7178975	2/8/2024 14:21	2/8/2024 14:32	11	0
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574993	2/8/2024 14:21	2/8/2024 14:26	5	0

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500173	2/8/2024 14:22	2/8/2024 14:38	16	0
971524	2/8/2024 14:22	2/8/2024 14:37	15	0
918098	2/8/2024 14:22	2/8/2024 15:56	94	0
626477	2/8/2024 14:22	2/8/2024 19:21	299	0
627018	2/8/2024 14:22	2/8/2024 14:38	16	0
624953	2/8/2024 14:22	2/8/2024 14:38	16	0
198082	2/8/2024 14:23	2/8/2024 19:38	315	0
574596	2/8/2024 14:23	2/8/2024 14:38	15	0
324249	2/8/2024 14:23	2/8/2024 15:10	47	0
634044	2/8/2024 14:23	2/8/2024 14:54	31	0
197356	2/8/2024 14:23	2/8/2024 14:38	15	0
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634779	2/8/2024 14:24	2/8/2024 14:56	32	0
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197883	2/8/2024 14:25	2/8/2024 14:40	15	0
325050	2/8/2024 14:26	2/8/2024 14:37	11	0
645339	2/8/2024 14:26	2/8/2024 14:42	16	0
574993	2/8/2024 14:26	2/8/2024 14:37	11	0
1516579	2/8/2024 14:26	2/8/2024 14:31	5	0
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356505	2/8/2024 14:27	2/8/2024 14:43	16	0
1375227	2/8/2024 14:28	2/8/2024 15:00	32	0
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353082	2/8/2024 14:29	2/8/2024 14:45	16	0
353651	2/8/2024 14:29	2/8/2024 14:44	15	0
10371746	2/8/2024 14:29	2/8/2024 14:39	10	0
1430644	2/8/2024 14:30	2/8/2024 15:04	34	0
353371	2/8/2024 14:31	2/8/2024 14:46	15	0
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1516579	2/8/2024 14:31	2/8/2024 14:36	5	0
1493132	2/8/2024 14:31	2/8/2024 14:57	26	0
1375642	2/8/2024 14:31	2/8/2024 15:03	32	0
1430294	2/8/2024 14:31	2/8/2024 14:47	16	0
51483	2/8/2024 14:31	2/8/2024 14:47	16	0
347230	2/8/2024 14:32	2/8/2024 19:48	316	0
562727	2/8/2024 14:32	2/8/2024 19:36	304	0.08
314188	2/8/2024 14:32	2/8/2024 14:48	16	0
315730	2/8/2024 14:32	2/8/2024 14:48	16	0
7178975	2/8/2024 14:32	2/8/2024 14:53	21	0
315169	2/8/2024 14:32	2/8/2024 14:48	16	0
353728	2/8/2024 14:33	2/8/2024 14:44	11	0
449036	2/8/2024 14:33	2/8/2024 14:49	16	0

852071	2/8/2024 14:33	2/8/2024 19:28	295	0
8950281	2/8/2024 14:33	2/8/2024 14:49	16	0
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997397	2/8/2024 14:33	2/8/2024 14:49	16	0
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51957	2/8/2024 14:34	2/8/2024 14:49	15	0
1535304	2/8/2024 14:34	2/8/2024 19:33	299	0
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706599	2/8/2024 14:35	2/9/2024 9:00	1104.83	0
561672	2/8/2024 14:35	2/8/2024 14:46	11	0
197629	2/8/2024 14:36	2/8/2024 19:35	299	0
1539469	2/8/2024 14:36	2/8/2024 19:30	294	0
1430553	2/8/2024 14:36	2/8/2024 15:07	31	0
988954	2/8/2024 14:36	2/8/2024 19:20	284	0
1516579	2/8/2024 14:36	2/8/2024 14:41	5	0
1456419	2/8/2024 14:36	2/8/2024 19:30	294	0
1450250	2/8/2024 14:36	2/8/2024 19:32	296	0
8206792	2/8/2024 14:36	2/8/2024 19:29	293	0
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624628	2/8/2024 14:37	2/8/2024 19:26	289	0
196965	2/8/2024 14:37	2/8/2024 19:26	289	0
1515733	2/8/2024 14:37	2/8/2024 19:26	289	0
195187	2/8/2024 14:37	2/8/2024 19:37	300	0
195839	2/8/2024 14:37	2/8/2024 19:41	304	0
197561	2/8/2024 14:37	2/8/2024 19:31	294	0
574993	2/8/2024 14:37	2/8/2024 14:42	5	0
325050	2/8/2024 14:37	2/8/2024 19:31	294	0
971524	2/8/2024 14:37	2/8/2024 19:26	289	0
854579	2/8/2024 14:37	2/8/2024 19:20	283	0
8068454	2/8/2024 14:37	2/8/2024 19:42	305	0
196408	2/8/2024 14:37	2/8/2024 19:31	294	0
1515964	2/8/2024 14:37	2/8/2024 19:31	294	0
194491	2/8/2024 14:37	2/8/2024 20:31	354	0
1093833	2/8/2024 14:38	2/8/2024 19:27	289	0
197356	2/8/2024 14:38	2/8/2024 19:37	299	0
498070	2/8/2024 14:38	2/8/2024 19:31	293	0
574596	2/8/2024 14:38	2/8/2024 19:37	299	0
1535397	2/8/2024 14:38	2/8/2024 19:32	294	0
627018	2/8/2024 14:38	2/8/2024 19:22	284	0
552210	2/8/2024 14:38	2/8/2024 19:32	294	0
324045	2/8/2024 14:38	2/8/2024 19:37	299	0.01
624953	2/8/2024 14:38	2/8/2024 19:26	288	0
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500173	2/8/2024 14:38	2/8/2024 21:27	409	0

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646026	2/8/2024 14:39	2/8/2024 19:23	284	0
11081884	2/8/2024 14:39	2/8/2024 19:29	290	0
660268	2/8/2024 14:39	2/8/2024 19:17	278	0
10371746	2/8/2024 14:39	2/8/2024 19:22	283	0
193791	2/8/2024 14:39	2/8/2024 19:30	291	0
412019	2/8/2024 14:39	2/8/2024 20:06	327	0
567126	2/8/2024 14:39	2/8/2024 19:33	294	0
410569	2/8/2024 14:40	2/8/2024 19:32	292	0
197883	2/8/2024 14:40	2/8/2024 19:34	294	0
25066	2/8/2024 14:40	2/8/2024 19:29	289	0
549259	2/8/2024 14:41	2/8/2024 19:22	281	0
660839	2/8/2024 14:41	2/8/2024 19:24	283	0
1516579	2/8/2024 14:41	2/8/2024 14:52	11	0
645144	2/8/2024 14:41	2/8/2024 19:35	294	0
564518	2/8/2024 14:41	2/8/2024 19:35	294	0
574993	2/8/2024 14:42	2/8/2024 14:52	10	0
645339	2/8/2024 14:42	2/8/2024 19:31	289	0
449377	2/8/2024 14:42	2/8/2024 14:53	11	0
416557	2/8/2024 14:43	2/8/2024 19:16	273	0
356505	2/8/2024 14:43	2/8/2024 19:37	294	0
675499	2/8/2024 14:43	2/8/2024 19:22	279	0
353651	2/8/2024 14:44	2/8/2024 19:29	285	0
1064575	2/8/2024 14:44	2/8/2024 19:33	289	0
353728	2/8/2024 14:44	2/8/2024 19:38	294	0
1064514	2/8/2024 14:44	2/8/2024 19:22	278	0
353082	2/8/2024 14:45	2/8/2024 19:36	291	0
1020274	2/8/2024 14:46	2/8/2024 19:24	278	0
563415	2/8/2024 14:46	2/8/2024 19:40	294	0
1431804	2/8/2024 14:46	2/8/2024 19:30	284	0
561672	2/8/2024 14:46	2/8/2024 19:40	294	0
353371	2/8/2024 14:46	2/8/2024 19:35	289	0
1556565	2/8/2024 14:46	2/8/2024 19:29	283	0
51483	2/8/2024 14:47	2/8/2024 19:43	296	0
1430294	2/8/2024 14:47	2/8/2024 19:30	283	0
1556434	2/8/2024 14:47	2/8/2024 19:36	289	0
1019446	2/8/2024 14:47	2/8/2024 19:20	273	0
1557188	2/8/2024 14:47	2/8/2024 19:31	284	0
1554218	2/8/2024 14:47	2/8/2024 19:29	282	0
1556246	2/8/2024 14:47	2/8/2024 19:26	279	0
1556486	2/8/2024 14:47	2/8/2024 19:26	279	0
1556352	2/8/2024 14:48	2/8/2024 19:26	278	0
70277	2/8/2024 14:48	2/8/2024 19:37	289	0
314188	2/8/2024 14:48	2/8/2024 19:26	278	0
315169	2/8/2024 14:48	2/8/2024 19:26	278	0
315730	2/8/2024 14:48	2/8/2024 19:32	284	0

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1557303	2/8/2024 14:48	2/8/2024 19:31	283	0
8950281	2/8/2024 14:49	2/8/2024 19:43	294	0
563721	2/8/2024 14:49	2/8/2024 19:37	288	0
321287	2/8/2024 14:49	2/8/2024 19:33	284	0
449036	2/8/2024 14:49	2/8/2024 19:32	283	0
51957	2/8/2024 14:49	2/8/2024 19:43	294	0
997397	2/8/2024 14:49	2/8/2024 19:27	278	0
320966	2/8/2024 14:49	2/8/2024 19:32	283	0
8434548	2/8/2024 14:49	2/8/2024 19:28	279	0
12378019	2/8/2024 14:50	2/8/2024 19:23	273	0
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1556243	2/8/2024 14:51	2/8/2024 19:35	284	0
457978	2/8/2024 14:51	2/8/2024 15:49	58	0
455994	2/8/2024 14:51	2/8/2024 15:07	16	0
455629	2/8/2024 14:51	2/8/2024 15:53	62	0
455345	2/8/2024 14:52	2/8/2024 15:51	59	0
1020387	2/8/2024 14:52	2/8/2024 19:30	278	0
454861	2/8/2024 14:52	2/8/2024 15:50	58	0
454901	2/8/2024 14:52	2/8/2024 15:50	58	0
574993	2/8/2024 14:52	2/8/2024 14:58	6	0
1516579	2/8/2024 14:52	2/8/2024 14:57	5	0
456099	2/8/2024 14:52	2/8/2024 15:49	57	0
1543009	2/8/2024 14:52	2/8/2024 19:30	278	0
793285	2/8/2024 14:53	2/8/2024 19:26	273	0
449377	2/8/2024 14:53	2/8/2024 15:24	31	0
1523524	2/8/2024 14:53	2/8/2024 19:31	278	0
7178975	2/8/2024 14:53	2/8/2024 19:34	281	0
634044	2/8/2024 14:54	2/8/2024 19:27	273	0
790670	2/8/2024 14:54	2/8/2024 19:27	273	0
1288420	2/8/2024 14:54	2/8/2024 15:00	6	0
634779	2/8/2024 14:56	2/8/2024 19:35	279	0
6714863	2/8/2024 14:57	2/8/2024 19:30	273	0.07
1493132	2/8/2024 14:57	2/8/2024 15:13	16	0
1516579	2/8/2024 14:57	2/8/2024 15:08	11	0
793690	2/8/2024 14:58	2/8/2024 19:31	273	0
574993	2/8/2024 14:58	2/8/2024 15:08	10	0
10433250	2/8/2024 14:59	2/8/2024 19:27	268	0
1375227	2/8/2024 15:00	2/8/2024 15:15	15	0
1288420	2/8/2024 15:00	2/8/2024 15:10	10	0
1375642	2/8/2024 15:03	2/8/2024 19:36	273	0
1430838	2/8/2024 15:03	2/8/2024 19:36	273	0
1430644	2/8/2024 15:04	2/8/2024 19:30	266	0
1602630	2/8/2024 15:05	2/8/2024 19:43	278	0
323747	2/8/2024 15:06	2/8/2024 19:39	273	0
323657	2/8/2024 15:06	2/8/2024 19:34	268	0
455994	2/8/2024 15:07	2/8/2024 15:54	47	0

1430553	2/8/2024 15:07	2/8/2024 19:30	263	0
1265778	2/8/2024 15:08	2/8/2024 19:20	252	0
315088	2/8/2024 15:08	2/9/2024 9:00	1071.92	0
1516579	2/8/2024 15:08	2/8/2024 15:14	6	0
574993	2/8/2024 15:08	2/8/2024 15:13	5	0
315484	2/8/2024 15:08	2/8/2024 19:31	263	0
1683861	2/8/2024 15:09	2/8/2024 15:25	16	0
315708	2/8/2024 15:09	2/8/2024 19:31	262	0
315615	2/8/2024 15:09	2/8/2024 19:37	268	0
312766	2/8/2024 15:09	2/8/2024 19:31	262	0
315509	2/8/2024 15:10	2/8/2024 19:37	267	0
1516786	2/8/2024 15:10	2/8/2024 19:33	263	0
324249	2/8/2024 15:10	2/8/2024 19:33	263	0
1288420	2/8/2024 15:10	2/8/2024 15:16	6	0
1493132	2/8/2024 15:13	2/8/2024 16:00	47	0
574993	2/8/2024 15:13	2/8/2024 15:24	11	0
1516579	2/8/2024 15:14	2/8/2024 15:28	14	0
1375227	2/8/2024 15:15	2/8/2024 15:57	42	0
1288420	2/8/2024 15:16	2/8/2024 15:58	42	0
449377	2/8/2024 15:24	2/8/2024 16:22	58	0
574993	2/8/2024 15:24	2/8/2024 15:29	5	0
324290	2/8/2024 15:25	2/9/2024 9:00	1054.92	0
1683861	2/8/2024 15:25	2/8/2024 19:35	250	0
658837	2/8/2024 15:27	2/8/2024 19:34	247	0
1516579	2/8/2024 15:28	2/8/2024 15:34	6	0
980132	2/8/2024 15:29	2/8/2024 19:21	232	0
574993	2/8/2024 15:29	2/8/2024 15:40	11	0
980398	2/8/2024 15:30	2/8/2024 19:21	231	0
1565203	2/8/2024 15:31	2/8/2024 19:32	241	0
1582130	2/8/2024 15:32	2/8/2024 19:37	245	0
1516579	2/8/2024 15:34	2/9/2024 9:00	1045.32	0
1584687	2/8/2024 15:34	2/8/2024 19:35	241	0
27852	2/8/2024 15:35	2/9/2024 9:00	1044.92	0
411053	2/8/2024 15:39	2/8/2024 19:40	241	0
574993	2/8/2024 15:40	2/8/2024 15:45	5	0
642003	2/8/2024 15:41	2/8/2024 15:52	11	0
627289	2/8/2024 15:45	2/8/2024 19:31	226	0
574993	2/8/2024 15:45	2/8/2024 15:50	5	0
328113	2/8/2024 15:48	2/8/2024 19:33	225	0
456099	2/8/2024 15:49	2/8/2024 16:05	16	0
457978	2/8/2024 15:49	2/8/2024 16:04	15	0
457729	2/8/2024 15:50	2/8/2024 16:06	16	0
454901	2/8/2024 15:50	2/8/2024 16:06	16	0
574993	2/8/2024 15:50	2/8/2024 15:55	5	0
454861	2/8/2024 15:50	2/8/2024 16:05	15	0
326028	2/8/2024 15:50	2/9/2024 6:00	850	0
455345	2/8/2024 15:51	2/8/2024 16:06	15	0

642003	2/8/2024 15:52	2/8/2024 19:42	230	0
927251	2/8/2024 15:52	2/8/2024 16:13	21	0
561349	2/8/2024 15:53	2/8/2024 19:23	210	0
455629	2/8/2024 15:53	2/8/2024 16:03	10	0
561758	2/8/2024 15:54	2/8/2024 16:10	16	0
562202	2/8/2024 15:54	2/8/2024 15:59	5	0
455994	2/8/2024 15:54	2/8/2024 19:40	226	0
574993	2/8/2024 15:55	2/8/2024 16:06	11	0
562856	2/8/2024 15:56	2/8/2024 16:12	16	0
560588	2/8/2024 15:56	2/8/2024 16:11	15	0
563241	2/8/2024 15:56	2/8/2024 16:11	15	0
918098	2/8/2024 15:56	2/8/2024 19:31	215	0
562346	2/8/2024 15:56	2/8/2024 16:12	16	0
1375227	2/8/2024 15:57	2/9/2024 9:00	1022.5	0
558800	2/8/2024 15:57	2/9/2024 9:00	1022.78	0
1074779	2/8/2024 15:58	2/8/2024 16:14	16	0
1288420	2/8/2024 15:58	2/8/2024 16:03	5	0
562202	2/8/2024 15:59	2/8/2024 16:09	10	0
1493132	2/8/2024 16:00	2/8/2024 16:16	16	0
330528	2/8/2024 16:03	2/8/2024 16:19	16	0
1288420	2/8/2024 16:03	2/9/2024 9:00	1016.5	0
455629	2/8/2024 16:03	2/8/2024 19:33	210	0
457978	2/8/2024 16:04	2/8/2024 19:39	215	0
454861	2/8/2024 16:05	2/8/2024 19:35	210	0
456099	2/8/2024 16:05	2/8/2024 19:35	210	0
454901	2/8/2024 16:06	2/8/2024 19:36	210	0
457729	2/8/2024 16:06	2/8/2024 19:36	210	0
574993	2/8/2024 16:06	2/8/2024 16:11	5	0
455345	2/8/2024 16:06	2/8/2024 19:41	215	0
562202	2/8/2024 16:09	2/8/2024 16:15	6	0
561758	2/8/2024 16:10	2/8/2024 19:24	194	0
574993	2/8/2024 16:11	2/8/2024 16:22	11	0
560588	2/8/2024 16:11	2/8/2024 19:26	195	0
563241	2/8/2024 16:11	2/8/2024 19:26	195	0
562346	2/8/2024 16:12	2/8/2024 19:28	196	0
562856	2/8/2024 16:12	2/8/2024 19:31	199	0
927251	2/8/2024 16:13	2/8/2024 19:31	198	0
1074779	2/8/2024 16:14	2/8/2024 19:28	194	0
562202	2/8/2024 16:15	2/9/2024 9:00	1004.78	0
1624452	2/8/2024 16:15	2/8/2024 19:24	189	0
1493132	2/8/2024 16:16	2/8/2024 19:36	200	0
330528	2/8/2024 16:19	2/8/2024 19:07	168	0
860281	2/8/2024 16:20	2/8/2024 19:24	184	0
859747	2/8/2024 16:22	2/8/2024 19:31	189	0
449377	2/8/2024 16:22	2/8/2024 17:20	58	0
574993	2/8/2024 16:22	2/8/2024 16:27	5	0
574993	2/8/2024 16:27	2/8/2024 16:37	10	0

9063373	2/8/2024 16:33	2/8/2024 19:42	189	0
1394365	2/8/2024 16:34	2/8/2024 19:37	183	0
1394324	2/8/2024 16:34	2/8/2024 19:43	189	0
574993	2/8/2024 16:37	2/8/2024 16:43	6	0
1524033	2/8/2024 16:41	2/8/2024 19:29	168	0
574993	2/8/2024 16:43	2/8/2024 16:53	10	0
574993	2/8/2024 16:53	2/8/2024 16:58	5	0
574993	2/8/2024 16:58	2/8/2024 17:09	11	0
574993	2/8/2024 17:09	2/8/2024 17:14	5	0
574993	2/8/2024 17:14	2/9/2024 9:00	945.78	0
449377	2/8/2024 17:20	2/8/2024 18:12	52	0
1351588	2/8/2024 17:24	2/8/2024 19:40	136	0
449377	2/8/2024 18:12	2/8/2024 19:15	63	0
1376158	2/8/2024 18:13	2/8/2024 19:36	83	0
330528	2/8/2024 19:07	2/9/2024 9:00	832.92	0
793937	2/8/2024 19:13	2/9/2024 9:00	826.83	0
26921	2/8/2024 19:14	2/9/2024 9:00	825.92	0
385332	2/8/2024 19:14	2/9/2024 9:00	825.78	0
449377	2/8/2024 19:15	2/8/2024 19:31	16	0
416557	2/8/2024 19:16	2/9/2024 9:00	823.78	0
27443	2/8/2024 19:16	2/9/2024 9:00	823.92	0
660268	2/8/2024 19:17	2/9/2024 9:00	822.83	0
945898	2/8/2024 19:18	2/9/2024 9:00	821.83	0
549617	2/8/2024 19:18	2/9/2024 9:00	821.78	0
1321605	2/8/2024 19:18	2/9/2024 9:00	821.5	0
989956	2/8/2024 19:19	2/9/2024 9:00	820.53	0
1019446	2/8/2024 19:20	2/9/2024 9:00	819.53	0
1309098	2/8/2024 19:20	2/9/2024 9:00	819.5	0
1333801	2/8/2024 19:20	2/9/2024 9:00	819.5	0
988954	2/8/2024 19:20	2/9/2024 9:00	819.53	0
854579	2/8/2024 19:20	2/9/2024 9:00	819.83	0
816722	2/8/2024 19:20	2/9/2024 9:00	819.83	0
609850	2/8/2024 19:20	2/9/2024 9:00	819.78	0
1265778	2/8/2024 19:20	2/9/2024 9:00	819.5	0
800588	2/8/2024 19:20	2/9/2024 9:00	819.83	0
1332906	2/8/2024 19:20	2/9/2024 9:00	819.5	0
380736	2/8/2024 19:20	2/9/2024 9:00	819.78	0
980398	2/8/2024 19:21	2/9/2024 9:00	818.53	0
980132	2/8/2024 19:21	2/9/2024 9:00	818.53	0
740241	2/8/2024 19:21	2/9/2024 9:00	818.83	0
991227	2/8/2024 19:21	2/9/2024 9:00	818.53	0
1320008	2/8/2024 19:21	2/9/2024 9:00	818.5	0
610737	2/8/2024 19:21	2/9/2024 9:00	818.78	0
626477	2/8/2024 19:21	2/9/2024 9:00	818.78	0
800600	2/8/2024 19:22	2/9/2024 9:00	817.83	0
791361	2/8/2024 19:22	2/9/2024 9:00	817.83	0
1073095	2/8/2024 19:22	2/9/2024 9:00	817.78	0

1503739	2/8/2024 19:22	2/9/2024 9:00	817.53	0
549259	2/8/2024 19:22	2/9/2024 9:00	817.78	0
1064514	2/8/2024 19:22	2/9/2024 9:00	817.53	0
10371746	2/8/2024 19:22	2/9/2024 9:00	817.78	0
627018	2/8/2024 19:22	2/9/2024 8:49	807	0
450309	2/8/2024 19:22	2/9/2024 9:00	817.78	0
675499	2/8/2024 19:22	2/9/2024 9:00	817.83	0
561349	2/8/2024 19:23	2/9/2024 9:00	816.78	0
551972	2/8/2024 19:23	2/9/2024 9:00	816.78	0
646026	2/8/2024 19:23	2/9/2024 9:00	816.78	0
12378019	2/8/2024 19:23	2/9/2024 9:00	816.92	0
664453	2/8/2024 19:23	2/9/2024 9:00	816.83	0
587455	2/8/2024 19:23	2/9/2024 9:00	816.78	0
561758	2/8/2024 19:24	2/9/2024 9:00	815.78	0
1624452	2/8/2024 19:24	2/9/2024 9:00	815.32	0
660839	2/8/2024 19:24	2/9/2024 9:00	815.83	0
1503634	2/8/2024 19:24	2/9/2024 9:00	815.5	0
1599209	2/8/2024 19:24	2/9/2024 9:00	815.32	0
860281	2/8/2024 19:24	2/9/2024 9:00	815.83	0
1020274	2/8/2024 19:24	2/9/2024 9:00	815.53	0
1939790	2/8/2024 19:24	2/9/2024 9:00	815.32	0
800590	2/8/2024 19:25	2/9/2024 9:00	814.83	0
558031	2/8/2024 19:25	2/9/2024 9:00	814.78	0
2032900	2/8/2024 19:25	2/9/2024 9:00	814.5	0
29848	2/8/2024 19:25	2/9/2024 9:00	814.92	0
1075503	2/8/2024 19:25	2/9/2024 9:00	814.78	0
660265	2/8/2024 19:25	2/9/2024 9:00	814.83	0
1459057	2/8/2024 19:25	2/9/2024 9:00	814.32	0
623871	2/8/2024 19:25	2/9/2024 9:00	814.78	0
10510361	2/8/2024 19:25	2/9/2024 9:00	814.92	0
1463218	2/8/2024 19:25	2/9/2024 9:00	814.32	0
1515733	2/8/2024 19:26	2/9/2024 9:00	813.32	0
560588	2/8/2024 19:26	2/9/2024 9:00	813.78	0
624953	2/8/2024 19:26	2/9/2024 8:49	803	0
274522	2/8/2024 19:26	2/9/2024 9:00	813.92	0
314188	2/8/2024 19:26	2/9/2024 8:49	803	0
817825	2/8/2024 19:26	2/9/2024 9:00	813.83	0
1556352	2/8/2024 19:26	2/9/2024 9:00	813.32	0
926657	2/8/2024 19:26	2/9/2024 9:00	813.83	0
408857	2/8/2024 19:26	2/9/2024 9:00	813.78	0
197690	2/8/2024 19:26	2/9/2024 9:00	813.92	0
1556246	2/8/2024 19:26	2/9/2024 9:00	813.32	0
1597556	2/8/2024 19:26	2/9/2024 9:00	813.32	0
561757	2/8/2024 19:26	2/9/2024 9:00	813.78	0
1556486	2/8/2024 19:26	2/9/2024 9:00	813.32	0
315169	2/8/2024 19:26	2/9/2024 8:49	803	0
563241	2/8/2024 19:26	2/9/2024 9:00	813.78	0

1417279	2/8/2024 19:26	2/9/2024 9:00	813.5	0
971524	2/8/2024 19:26	2/9/2024 8:49	803	0
1466638	2/8/2024 19:26	2/9/2024 9:00	813.32	0
793285	2/8/2024 19:26	2/9/2024 9:00	813.83	0
26864	2/8/2024 19:26	2/9/2024 9:00	813.92	0
196965	2/8/2024 19:26	2/9/2024 9:00	813.92	0
1405153	2/8/2024 19:26	2/9/2024 9:00	813.5	0
23566	2/8/2024 19:26	2/9/2024 9:00	813.92	0
975191	2/8/2024 19:26	2/9/2024 9:00	813.53	0
624628	2/8/2024 19:26	2/9/2024 8:49	803	0
1393699	2/8/2024 19:26	2/9/2024 9:00	813.5	0
23462	2/8/2024 19:27	2/9/2024 9:00	812.92	0
790670	2/8/2024 19:27	2/9/2024 9:00	812.83	0
1415828	2/8/2024 19:27	2/9/2024 9:00	812.5	0
34832	2/8/2024 19:27	2/9/2024 9:00	812.92	0
1685329	2/8/2024 19:27	2/9/2024 9:00	812.5	0
634044	2/8/2024 19:27	2/9/2024 9:00	812.78	0
47769	2/8/2024 19:27	2/9/2024 9:00	812.92	0
1092960	2/8/2024 19:27	2/9/2024 9:00	812.78	0
792391	2/8/2024 19:27	2/9/2024 9:00	812.83	0
549596	2/8/2024 19:27	2/9/2024 9:00	812.78	0
1093833	2/8/2024 19:27	2/9/2024 9:00	812.78	0
817260	2/8/2024 19:27	2/9/2024 9:00	812.83	0
10433250	2/8/2024 19:27	2/9/2024 9:00	812.5	0
794132	2/8/2024 19:27	2/9/2024 9:00	812.83	0
318402	2/8/2024 19:27	2/9/2024 9:00	812.92	0
926638	2/8/2024 19:27	2/9/2024 9:00	812.83	0
28509	2/8/2024 19:27	2/9/2024 9:00	812.92	0
997397	2/8/2024 19:27	2/9/2024 9:00	812.53	0
8495802	2/8/2024 19:28	2/9/2024 9:00	811.32	0
317797	2/8/2024 19:28	2/9/2024 9:00	811.92	0
926503	2/8/2024 19:28	2/9/2024 9:00	811.83	0
1557676	2/8/2024 19:28	2/9/2024 9:00	811.32	0
852071	2/8/2024 19:28	2/9/2024 9:00	811.83	0
1446401	2/8/2024 19:28	2/9/2024 9:00	811.32	0
562346	2/8/2024 19:28	2/9/2024 9:00	811.78	0
1393633	2/8/2024 19:28	2/9/2024 9:00	811.5	0
1573666	2/8/2024 19:28	2/9/2024 9:00	811.32	0
1020565	2/8/2024 19:28	2/9/2024 9:00	811.53	0
926505	2/8/2024 19:28	2/9/2024 9:00	811.83	0
510307	2/8/2024 19:28	2/9/2024 9:00	811.78	0
8434548	2/8/2024 19:28	2/9/2024 9:00	811.92	0
9313875	2/8/2024 19:28	2/9/2024 9:00	811.32	0
793737	2/8/2024 19:28	2/9/2024 9:00	811.83	0
1445317	2/8/2024 19:28	2/9/2024 8:11	763	0
266010	2/8/2024 19:28	2/9/2024 9:00	811.92	0
1074779	2/8/2024 19:28	2/9/2024 9:00	811.78	0

314899	2/8/2024 19:28	2/9/2024 9:00	811.92	0
1518000	2/8/2024 19:29	2/9/2024 9:00	810.32	0
11081884	2/8/2024 19:29	2/9/2024 8:34	785	0
29748	2/8/2024 19:29	2/9/2024 9:00	810.92	0
25066	2/8/2024 19:29	2/9/2024 9:00	810.92	0
1421188	2/8/2024 19:29	2/9/2024 9:00	810.5	0
8104722	2/8/2024 19:29	2/9/2024 9:00	810.92	0
1444809	2/8/2024 19:29	2/9/2024 7:54	745	0
8524544	2/8/2024 19:29	2/9/2024 9:00	810.92	0
317195	2/8/2024 19:29	2/9/2024 8:25	776	0
1251782	2/8/2024 19:29	2/9/2024 9:00	810.83	0
353651	2/8/2024 19:29	2/9/2024 9:00	810.92	0
211683	2/8/2024 19:29	2/9/2024 9:00	810.92	0
10013697	2/8/2024 19:29	2/9/2024 9:00	810.32	0
8206792	2/8/2024 19:29	2/9/2024 9:00	810.32	0
1524033	2/8/2024 19:29	2/9/2024 9:00	810.32	0
1554218	2/8/2024 19:29	2/9/2024 9:00	810.32	0
1453263	2/8/2024 19:29	2/9/2024 9:00	810.32	0
1556565	2/8/2024 19:29	2/9/2024 9:00	810.32	0
317233	2/8/2024 19:29	2/9/2024 9:00	810.92	0
8668965	2/8/2024 19:30	2/9/2024 9:00	809.78	0
593366	2/8/2024 19:30	2/9/2024 9:00	809.78	0
1020387	2/8/2024 19:30	2/9/2024 9:00	809.53	0
6714863	2/8/2024 19:30	2/9/2024 9:00	809.83	0
1412757	2/8/2024 19:30	2/9/2024 9:00	809.5	0
593798	2/8/2024 19:30	2/9/2024 9:00	809.78	0
314945	2/8/2024 19:30	2/9/2024 8:23	773	0
1430294	2/8/2024 19:30	2/9/2024 9:00	809.32	0
1547686	2/8/2024 19:30	2/9/2024 9:00	809.32	0
1456419	2/8/2024 19:30	2/9/2024 9:00	809.32	0
69207	2/8/2024 19:30	2/9/2024 9:00	809.92	0
1430644	2/8/2024 19:30	2/9/2024 9:00	809.32	0
68308	2/8/2024 19:30	2/9/2024 9:00	809.92	0
1550815	2/8/2024 19:30	2/9/2024 9:00	809.32	0
1466357	2/8/2024 19:30	2/9/2024 9:00	809.32	0
593397	2/8/2024 19:30	2/9/2024 9:00	809.78	0
8511623	2/8/2024 19:30	2/9/2024 8:40	790	0
1511251	2/8/2024 19:30	2/9/2024 9:00	809.32	0
1539469	2/8/2024 19:30	2/9/2024 9:00	809.32	0
1431804	2/8/2024 19:30	2/9/2024 9:00	809.32	0
1670658	2/8/2024 19:30	2/9/2024 9:00	809.78	0
188639	2/8/2024 19:30	2/9/2024 9:00	809.92	0
1551510	2/8/2024 19:30	2/9/2024 9:00	809.32	0
11176351	2/8/2024 19:30	2/9/2024 9:00	809.32	0
25674	2/8/2024 19:30	2/9/2024 9:00	809.92	0
1539692	2/8/2024 19:30	2/9/2024 9:00	809.32	0
1543009	2/8/2024 19:30	2/9/2024 9:00	809.32	0

1430553	2/8/2024 19:30	2/9/2024 9:00	809.32	0
193791	2/8/2024 19:30	2/9/2024 9:00	809.92	0
918098	2/8/2024 19:31	2/9/2024 9:00	808.83	0
852125	2/8/2024 19:31	2/9/2024 9:00	808.83	0
267537	2/8/2024 19:31	2/9/2024 9:00	808.92	0
315484	2/8/2024 19:31	2/9/2024 9:00	808.92	0
553863	2/8/2024 19:31	2/9/2024 9:00	808.78	0
316997	2/8/2024 19:31	2/9/2024 9:00	808.92	0
1523524	2/8/2024 19:31	2/9/2024 9:00	808.32	0
510974	2/8/2024 19:31	2/9/2024 9:00	808.78	0
315345	2/8/2024 19:31	2/9/2024 9:00	808.92	0
265473	2/8/2024 19:31	2/9/2024 9:00	808.92	0
1511264	2/8/2024 19:31	2/9/2024 9:00	808.32	0
456084	2/8/2024 19:31	2/9/2024 9:00	808.78	0
197561	2/8/2024 19:31	2/9/2024 9:00	808.92	0
325050	2/8/2024 19:31	2/9/2024 9:00	808.92	0
1557303	2/8/2024 19:31	2/9/2024 9:00	808.32	0
428179	2/8/2024 19:31	2/9/2024 9:00	808.78	0
792446	2/8/2024 19:31	2/9/2024 9:00	808.83	0
980870	2/8/2024 19:31	2/9/2024 9:00	808.53	0
34905	2/8/2024 19:31	2/9/2024 9:00	808.92	0
927251	2/8/2024 19:31	2/9/2024 9:00	808.83	0
1515964	2/8/2024 19:31	2/9/2024 9:00	808.32	0
27483	2/8/2024 19:31	2/9/2024 9:00	808.92	0
498070	2/8/2024 19:31	2/9/2024 9:00	808.78	0
645339	2/8/2024 19:31	2/9/2024 9:00	808.78	0
562856	2/8/2024 19:31	2/9/2024 9:00	808.78	0
4173986	2/8/2024 19:31	2/9/2024 9:00	808.92	0
1190246	2/8/2024 19:31	2/9/2024 9:00	808.5	0
315708	2/8/2024 19:31	2/9/2024 9:00	808.92	0
627289	2/8/2024 19:31	2/9/2024 8:48	797	0
449377	2/8/2024 19:31	2/8/2024 20:03	32	0
312766	2/8/2024 19:31	2/9/2024 9:00	808.92	0
1432940	2/8/2024 19:31	2/9/2024 8:11	760	0
196408	2/8/2024 19:31	2/9/2024 9:00	808.92	0
1508563	2/8/2024 19:31	2/9/2024 9:00	808.32	0
605186	2/8/2024 19:31	2/9/2024 9:00	808.78	0
793690	2/8/2024 19:31	2/9/2024 9:00	808.83	0
21306	2/8/2024 19:31	2/9/2024 9:00	808.92	0
1557188	2/8/2024 19:31	2/9/2024 9:00	808.32	0
859747	2/8/2024 19:31	2/9/2024 9:00	808.83	0
1310926	2/8/2024 19:32	2/9/2024 9:00	807.5	0
315306	2/8/2024 19:32	2/9/2024 9:00	807.92	0
801004	2/8/2024 19:32	2/9/2024 9:00	807.83	0
259674	2/8/2024 19:32	2/9/2024 9:00	807.92	0
410569	2/8/2024 19:32	2/9/2024 9:00	807.78	0
8387677	2/8/2024 19:32	2/9/2024 9:00	807.92	0

315730	2/8/2024 19:32	2/9/2024 8:48	796	0
1549376	2/8/2024 19:32	2/9/2024 9:00	807.32	0
449036	2/8/2024 19:32	2/9/2024 9:00	807.78	0
315346	2/8/2024 19:32	2/9/2024 9:00	807.92	0
265864	2/8/2024 19:32	2/9/2024 9:00	807.92	0
70866	2/8/2024 19:32	2/9/2024 9:00	807.92	0
523489	2/8/2024 19:32	2/9/2024 9:00	807.92	0
1450250	2/8/2024 19:32	2/9/2024 9:00	807.32	0
29635	2/8/2024 19:32	2/9/2024 9:00	807.92	0
7879030	2/8/2024 19:32	2/9/2024 9:00	807.78	0
425936	2/8/2024 19:32	2/9/2024 9:00	807.78	0
320966	2/8/2024 19:32	2/9/2024 9:00	807.92	0
1565203	2/8/2024 19:32	2/9/2024 9:00	807.32	0
8486022	2/8/2024 19:32	2/9/2024 9:00	807.32	0
24124	2/8/2024 19:32	2/9/2024 9:00	807.92	0
1546695	2/8/2024 19:32	2/9/2024 9:00	807.32	0
49209	2/8/2024 19:32	2/9/2024 9:00	807.92	0
552210	2/8/2024 19:32	2/9/2024 9:00	807.78	0
1535397	2/8/2024 19:32	2/9/2024 9:00	807.32	0
510522	2/8/2024 19:32	2/9/2024 9:00	807.78	0
1672454	2/8/2024 19:33	2/9/2024 9:00	806.78	0
975066	2/8/2024 19:33	2/9/2024 9:00	806.53	0
1535304	2/8/2024 19:33	2/9/2024 9:00	806.32	0
35442	2/8/2024 19:33	2/9/2024 9:00	806.92	0
1064575	2/8/2024 19:33	2/9/2024 9:00	806.53	0
8590289	2/8/2024 19:33	2/9/2024 9:00	806.78	0
275018	2/8/2024 19:33	2/9/2024 9:00	806.92	0
30471	2/8/2024 19:33	2/9/2024 9:00	806.92	0
1516786	2/8/2024 19:33	2/9/2024 9:00	806.32	0
21820	2/8/2024 19:33	2/9/2024 9:00	806.92	0
8910809	2/8/2024 19:33	2/9/2024 9:00	806.78	0
455629	2/8/2024 19:33	2/9/2024 9:00	806.78	0
321287	2/8/2024 19:33	2/9/2024 9:00	806.92	0
567126	2/8/2024 19:33	2/9/2024 9:00	806.78	0
328113	2/8/2024 19:33	2/9/2024 9:00	806.92	0
324249	2/8/2024 19:33	2/9/2024 9:00	806.92	0
280173	2/8/2024 19:34	2/9/2024 9:00	805.92	0
658837	2/8/2024 19:34	2/9/2024 9:00	805.83	0
1538398	2/8/2024 19:34	2/9/2024 9:00	805.32	0
275495	2/8/2024 19:34	2/9/2024 9:00	805.92	0
279833	2/8/2024 19:34	2/9/2024 9:00	805.92	0
197883	2/8/2024 19:34	2/9/2024 9:00	805.92	0
68620	2/8/2024 19:34	2/9/2024 9:00	805.92	0
323657	2/8/2024 19:34	2/9/2024 9:00	805.92	0
8148103	2/8/2024 19:34	2/9/2024 9:00	805.92	0
7178975	2/8/2024 19:34	2/9/2024 8:46	792	0
10659831	2/8/2024 19:34	2/9/2024 9:00	805.32	0

454861	2/8/2024 19:35	2/9/2024 9:00	804.78	0
1417138	2/8/2024 19:35	2/9/2024 9:00	804.5	0
317084	2/8/2024 19:35	2/9/2024 9:00	804.92	0
623612	2/8/2024 19:35	2/9/2024 9:00	804.78	0
645144	2/8/2024 19:35	2/9/2024 9:00	804.78	0
1584687	2/8/2024 19:35	2/9/2024 9:00	804.32	0
564518	2/8/2024 19:35	2/9/2024 9:00	804.78	0
34887	2/8/2024 19:35	2/9/2024 9:00	804.92	0
456099	2/8/2024 19:35	2/9/2024 9:00	804.78	0
6995795	2/8/2024 19:35	2/9/2024 9:00	804.78	0
634779	2/8/2024 19:35	2/9/2024 9:00	804.78	0
353371	2/8/2024 19:35	2/9/2024 9:00	804.92	0
197629	2/8/2024 19:35	2/9/2024 9:00	804.92	0
1556243	2/8/2024 19:35	2/9/2024 9:00	804.32	0
317126	2/8/2024 19:35	2/9/2024 9:00	804.92	0
549370	2/8/2024 19:35	2/9/2024 9:00	804.78	0
125572	2/8/2024 19:35	2/9/2024 9:00	804.92	0
511266	2/8/2024 19:35	2/9/2024 9:00	804.78	0
276488	2/8/2024 19:35	2/9/2024 9:00	804.92	0
1683861	2/8/2024 19:35	2/9/2024 9:00	804.92	0
1547843	2/8/2024 19:35	2/9/2024 9:00	804.32	0
281235	2/8/2024 19:36	2/9/2024 9:00	803.92	0
506261	2/8/2024 19:36	2/9/2024 9:00	803.78	0
1680798	2/8/2024 19:36	2/9/2024 9:00	803.92	0
562727	2/8/2024 19:36	2/9/2024 9:00	803.78	0
1493132	2/8/2024 19:36	2/9/2024 9:00	803.5	0
1555268	2/8/2024 19:36	2/9/2024 9:00	803.32	0
1551513	2/8/2024 19:36	2/9/2024 9:00	803.32	0
10393495	2/8/2024 19:36	2/9/2024 9:00	803.92	0
454901	2/8/2024 19:36	2/9/2024 9:00	803.78	0
1416360	2/8/2024 19:36	2/9/2024 9:00	803.5	0
511223	2/8/2024 19:36	2/9/2024 9:00	803.78	0
1430838	2/8/2024 19:36	2/9/2024 9:00	803.32	0
381982	2/8/2024 19:36	2/9/2024 9:00	803.78	0
353082	2/8/2024 19:36	2/9/2024 9:00	803.92	0
624716	2/8/2024 19:36	2/9/2024 9:00	803.78	0
1446785	2/8/2024 19:36	2/9/2024 9:00	803.32	0
457729	2/8/2024 19:36	2/9/2024 9:00	803.78	0
1604432	2/8/2024 19:36	2/9/2024 9:00	803.32	0
500145	2/8/2024 19:36	2/9/2024 9:00	803.78	0
1414392	2/8/2024 19:36	2/9/2024 9:00	803.5	0
1556434	2/8/2024 19:36	2/9/2024 9:00	803.32	0
1375642	2/8/2024 19:36	2/9/2024 9:00	803.5	0
1376158	2/8/2024 19:36	2/9/2024 7:56	740	0
1465282	2/8/2024 19:36	2/9/2024 8:13	757	0
1549436	2/8/2024 19:37	2/9/2024 9:00	802.32	0
1552154	2/8/2024 19:37	2/9/2024 9:00	802.32	0

356505	2/8/2024 19:37	2/9/2024 9:00	802.78	0
601397	2/8/2024 19:37	2/9/2024 9:00	802.78	0
70277	2/8/2024 19:37	2/9/2024 9:00	802.92	0
315509	2/8/2024 19:37	2/9/2024 9:00	802.92	0
574596	2/8/2024 19:37	2/9/2024 9:00	802.78	0
1511532	2/8/2024 19:37	2/9/2024 9:00	802.32	0
189581	2/8/2024 19:37	2/9/2024 9:00	802.92	0
456048	2/8/2024 19:37	2/9/2024 9:00	802.78	0
500322	2/8/2024 19:37	2/9/2024 9:00	802.78	0
195187	2/8/2024 19:37	2/9/2024 9:00	802.92	0
315615	2/8/2024 19:37	2/9/2024 9:00	802.92	0
197356	2/8/2024 19:37	2/9/2024 9:00	802.92	0
509102	2/8/2024 19:37	2/9/2024 9:00	802.78	0
1394365	2/8/2024 19:37	2/9/2024 9:00	802.5	0
324045	2/8/2024 19:37	2/9/2024 9:00	802.92	0
1582130	2/8/2024 19:37	2/9/2024 9:00	802.32	0
563721	2/8/2024 19:37	2/9/2024 9:00	802.78	0
353728	2/8/2024 19:38	2/9/2024 9:00	801.92	0
1466445	2/8/2024 19:38	2/9/2024 7:58	740	0
772378	2/8/2024 19:38	2/9/2024 9:00	801.78	0
198082	2/8/2024 19:38	2/9/2024 9:00	801.92	0
1547692	2/8/2024 19:38	2/9/2024 9:00	801.32	0
313269	2/8/2024 19:38	2/9/2024 9:00	801.92	0
569554	2/8/2024 19:38	2/9/2024 9:00	801.78	0
507365	2/8/2024 19:38	2/9/2024 9:00	801.78	0
1538916	2/8/2024 19:39	2/9/2024 9:00	800.32	0
457978	2/8/2024 19:39	2/9/2024 9:00	800.78	0
623069	2/8/2024 19:39	2/9/2024 9:00	800.78	0
323747	2/8/2024 19:39	2/9/2024 9:00	800.92	0
1462990	2/8/2024 19:39	2/9/2024 9:00	800.32	0
1403562	2/8/2024 19:40	2/9/2024 9:00	799.5	0
563415	2/8/2024 19:40	2/9/2024 9:00	799.78	0
413869	2/8/2024 19:40	2/9/2024 9:00	799.6	0
508593	2/8/2024 19:40	2/9/2024 9:00	799.78	0
561672	2/8/2024 19:40	2/9/2024 9:00	799.78	0
1503507	2/8/2024 19:40	2/9/2024 9:00	799.5	0
411053	2/8/2024 19:40	2/9/2024 8:43	783	0
455994	2/8/2024 19:40	2/9/2024 9:00	799.78	0
1351588	2/8/2024 19:40	2/9/2024 9:00	799.5	0
509233	2/8/2024 19:41	2/9/2024 9:00	798.78	0
380057	2/8/2024 19:41	2/9/2024 9:00	798.78	0
455345	2/8/2024 19:41	2/9/2024 9:00	798.78	0
195839	2/8/2024 19:41	2/9/2024 9:00	798.92	0
1494722	2/8/2024 19:41	2/9/2024 9:00	798.5	0
642003	2/8/2024 19:42	2/9/2024 9:00	797.78	0
1464949	2/8/2024 19:42	2/9/2024 9:00	797.32	0
8068454	2/8/2024 19:42	2/9/2024 9:00	797.78	0

9063373	2/8/2024 19:42	2/9/2024 9:00	797.5	0
51483	2/8/2024 19:43	2/9/2024 9:00	796.92	0
399291	2/8/2024 19:43	2/9/2024 9:00	796.78	0
1602630	2/8/2024 19:43	2/9/2024 9:00	796.32	0
1433348	2/8/2024 19:43	2/9/2024 8:08	745	0
1394324	2/8/2024 19:43	2/9/2024 9:00	796.5	0
51957	2/8/2024 19:43	2/9/2024 9:00	796.92	0
8950281	2/8/2024 19:43	2/9/2024 9:00	796.92	0
1081237	2/8/2024 19:44	2/9/2024 9:00	795.6	0
1641091	2/8/2024 19:45	2/9/2024 9:00	794.32	0
347230	2/8/2024 19:48	2/9/2024 9:00	791.92	0
274059	2/8/2024 19:58	2/9/2024 9:00	781.92	0
274125	2/8/2024 20:02	2/9/2024 9:00	777.92	0
449377	2/8/2024 20:03	2/8/2024 21:00	57	0
412019	2/8/2024 20:06	2/9/2024 9:00	773.78	0
194491	2/8/2024 20:31	2/9/2024 9:00	748.92	0
449377	2/8/2024 21:00	2/8/2024 21:32	32	0
500173	2/8/2024 21:27	2/9/2024 9:00	692.78	0
281056	2/8/2024 21:32	2/9/2024 9:00	687.92	0
449377	2/8/2024 21:32	2/8/2024 21:48	16	0
449377	2/8/2024 21:48	2/8/2024 22:45	57	0
449377	2/8/2024 22:45	2/8/2024 23:53	68	0
449377	2/8/2024 23:53	2/9/2024 0:09	16	0
449377	2/9/2024 0:09	2/9/2024 0:35	26	0
449377	2/9/2024 0:35	2/9/2024 2:36	121	0
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449377	2/9/2024 3:28	2/9/2024 4:42	74	0
449377	2/9/2024 4:42	2/9/2024 5:24	42	0
449377	2/9/2024 5:24	2/9/2024 5:34	10	0
449377	2/9/2024 5:34	2/9/2024 6:37	63	0
326028	2/9/2024 6:00	2/9/2024 9:00	179.92	0
449377	2/9/2024 6:37	2/9/2024 6:58	21	0
449377	2/9/2024 6:58	2/9/2024 7:51	53	0
449377	2/9/2024 7:51	2/9/2024 8:07	16	0
1444809	2/9/2024 7:54	2/9/2024 9:00	65.32	0
1376158	2/9/2024 7:56	2/9/2024 9:00	63.5	0
1466445	2/9/2024 7:58	2/9/2024 9:00	61.32	0
449377	2/9/2024 8:07	2/9/2024 8:49	42	0
1433348	2/9/2024 8:08	2/9/2024 9:00	51.32	0
1432940	2/9/2024 8:11	2/9/2024 9:00	48.32	0
1445317	2/9/2024 8:11	2/9/2024 9:00	48.32	0
1465282	2/9/2024 8:13	2/9/2024 9:00	46.32	0
314945	2/9/2024 8:23	2/9/2024 8:38	15	0
317195	2/9/2024 8:25	2/9/2024 8:40	15	0
11081884	2/9/2024 8:34	2/9/2024 9:00	25.92	0
195666	2/9/2024 8:34	2/9/2024 9:00	25.92	0

314945	2/9/2024 8:38	2/9/2024 9:00	21.92	0
8511623	2/9/2024 8:40	2/9/2024 9:00	19.92	0
317195	2/9/2024 8:40	2/9/2024 9:00	19.92	0
411053	2/9/2024 8:43	2/9/2024 9:00	16.78	0
7178975	2/9/2024 8:46	2/9/2024 9:00	13.92	0
627289	2/9/2024 8:48	2/9/2024 9:00	11.78	0
315730	2/9/2024 8:48	2/9/2024 9:00	11.92	0
624953	2/9/2024 8:49	2/9/2024 9:00	10.78	0
971524	2/9/2024 8:49	2/9/2024 9:00	10.78	0
314188	2/9/2024 8:49	2/9/2024 9:00	10.92	0
449377	2/9/2024 8:49	2/9/2024 9:00	10.78	0
627018	2/9/2024 8:49	2/9/2024 9:00	10.78	0
315169	2/9/2024 8:49	2/9/2024 9:00	10.92	0
624628	2/9/2024 8:49	2/9/2024 9:00	10.78	0
278472	2/9/2024 8:53	2/9/2024 9:00	6.92	0
7194273	2/9/2024 9:00	2/10/2024 9:00	1439.32	0
562202	2/9/2024 9:00	2/9/2024 10:25	85	0
447406	2/9/2024 9:00	2/10/2024 9:00	1439.78	0.12
1366197	2/9/2024 9:00	2/10/2024 9:00	1439.5	0
1394324	2/9/2024 9:00	2/9/2024 10:50	110	0
1680798	2/9/2024 9:00	2/10/2024 9:00	1439.92	0
1704044	2/9/2024 9:00	2/10/2024 9:00	1439.5	0
315346	2/9/2024 9:00	2/10/2024 9:00	1439.92	0
444688	2/9/2024 9:00	2/10/2024 9:00	1439.78	0
8766703	2/9/2024 9:00	2/10/2024 9:00	1439.53	0
1466638	2/9/2024 9:00	2/9/2024 11:51	171	0
1349032	2/9/2024 9:00	2/10/2024 9:00	1439.5	0
197561	2/9/2024 9:00	2/9/2024 19:38	638.42	0.81
1552447	2/9/2024 9:00	2/10/2024 9:00	1439.32	0
1288420	2/9/2024 9:00	2/10/2024 9:00	1439.5	0
1683861	2/9/2024 9:00	2/9/2024 10:20	80	0
262048	2/9/2024 9:00	2/10/2024 9:00	1439.92	2.84
6761269	2/9/2024 9:00	2/10/2024 9:00	1439.92	0
1417138	2/9/2024 9:00	2/10/2024 9:00	1439.5	0
1453263	2/9/2024 9:00	2/9/2024 10:09	69	0
1377303	2/9/2024 9:00	2/10/2024 9:00	1439.5	0
664030	2/9/2024 9:00	2/10/2024 8:24	1404.55	0
1702895	2/9/2024 9:00	2/10/2024 9:00	1439.5	0
1516786	2/9/2024 9:00	2/9/2024 16:15	435	0
319279	2/9/2024 9:00	2/10/2024 9:00	1439.92	0
8950281	2/9/2024 9:00	2/9/2024 11:49	169	0
726904	2/9/2024 9:00	2/10/2024 9:00	1439.83	0
574993	2/9/2024 9:00	2/9/2024 10:35	95	0
1333801	2/9/2024 9:00	2/9/2024 19:34	633.85	0
1535304	2/9/2024 9:01	2/9/2024 19:41	640	0
266010	2/9/2024 9:01	2/9/2024 11:33	152	0
188639	2/9/2024 9:01	2/9/2024 19:36	635.42	1.15

347230	2/9/2024 9:01	2/10/2024 9:00	1438.92	0
317797	2/9/2024 9:02	2/10/2024 9:00	1437.92	0
1516579	2/9/2024 9:06	2/9/2024 10:55	109	0
1552990	2/9/2024 9:06	2/10/2024 9:00	1433.32	0.25
1422300	2/9/2024 9:07	2/10/2024 9:00	1432.5	0
278472	2/9/2024 9:08	2/10/2024 9:00	1431.92	0
554089	2/9/2024 9:08	2/10/2024 9:00	1431.78	0
1513541	2/9/2024 9:08	2/10/2024 9:00	1431.32	0
197883	2/9/2024 9:08	2/9/2024 10:05	57	0
1348731	2/9/2024 9:08	2/10/2024 9:00	1431.5	0
509233	2/9/2024 9:08	2/9/2024 19:42	634.52	0
1432940	2/9/2024 9:09	2/9/2024 11:39	150	0
8668965	2/9/2024 9:09	2/9/2024 10:54	105	0
326028	2/9/2024 9:09	2/9/2024 10:02	53	0
315345	2/9/2024 9:10	2/10/2024 9:00	1429.92	0.02
1465282	2/9/2024 9:10	2/10/2024 9:00	1429.32	0
8387677	2/9/2024 9:10	2/10/2024 9:00	1429.92	0
675499	2/9/2024 9:10	2/10/2024 9:00	1429.83	0
314945	2/9/2024 9:10	2/10/2024 9:00	1429.92	1.88
1466445	2/9/2024 9:11	2/9/2024 19:41	630	0
1445317	2/9/2024 9:11	2/10/2024 9:00	1428.32	0
1433348	2/9/2024 9:11	2/9/2024 11:38	147	0
1444809	2/9/2024 9:12	2/9/2024 19:37	625	0.51
317195	2/9/2024 9:12	2/10/2024 9:00	1427.92	0
8511623	2/9/2024 9:12	2/10/2024 9:00	1427.92	0
593397	2/9/2024 9:14	2/9/2024 19:33	619.52	0
593366	2/9/2024 9:14	2/9/2024 19:29	615.52	0
593798	2/9/2024 9:15	2/10/2024 9:00	1424.78	0
980398	2/9/2024 9:16	2/9/2024 11:17	121	0
623069	2/9/2024 9:17	2/9/2024 19:32	615.52	0
1604432	2/9/2024 9:19	2/10/2024 1:46	987	0.54
11081884	2/9/2024 9:19	2/9/2024 10:19	60	0
623612	2/9/2024 9:19	2/9/2024 19:43	624.52	0
624716	2/9/2024 9:20	2/10/2024 9:00	1419.78	0.3
623871	2/9/2024 9:20	2/9/2024 19:33	613.52	0
627289	2/9/2024 9:20	2/9/2024 19:39	619.52	0.07
626477	2/9/2024 9:21	2/10/2024 9:00	1418.78	0
624628	2/9/2024 9:21	2/9/2024 19:34	613.52	0.12
627018	2/9/2024 9:21	2/9/2024 19:34	613.52	0.2
971524	2/9/2024 9:21	2/9/2024 19:29	608.52	0
624953	2/9/2024 9:21	2/10/2024 9:00	1418.78	0
1321605	2/9/2024 9:22	2/9/2024 19:36	613.85	0.1
1641091	2/9/2024 9:23	2/9/2024 14:22	299	0
1348444	2/9/2024 9:23	2/10/2024 9:00	1416.5	0
1351588	2/9/2024 9:23	2/9/2024 19:43	619.85	0
1350104	2/9/2024 9:23	2/10/2024 9:00	1416.5	0
1349502	2/9/2024 9:24	2/10/2024 9:00	1415.5	0

1523524	2/9/2024 9:26	2/9/2024 14:24	298	0
1599209	2/9/2024 9:27	2/10/2024 9:00	1412.32	0
1350598	2/9/2024 9:28	2/10/2024 9:00	1411.5	0
1376158	2/9/2024 9:31	2/9/2024 11:43	132	0
740241	2/9/2024 9:34	2/9/2024 11:51	137	0
1597556	2/9/2024 9:36	2/10/2024 9:00	1403.32	0
1551510	2/9/2024 9:36	2/9/2024 19:39	603	0
558031	2/9/2024 9:37	2/10/2024 9:00	1402.78	0
318402	2/9/2024 9:37	2/10/2024 9:00	1402.92	0
1551513	2/9/2024 9:37	2/9/2024 19:46	609	0
314899	2/9/2024 9:39	2/10/2024 9:00	1400.92	0
1466357	2/9/2024 9:39	2/9/2024 19:39	600	0
10013697	2/9/2024 9:39	2/10/2024 9:00	1400.32	0
1524033	2/9/2024 9:39	2/10/2024 9:00	1400.32	0
8104722	2/9/2024 9:40	2/10/2024 9:00	1399.92	0
317084	2/9/2024 9:40	2/9/2024 19:44	604.42	0
1463680	2/9/2024 9:40	2/9/2024 19:34	594	0
800576	2/9/2024 9:41	2/9/2024 19:29	588.55	0
1384509	2/9/2024 9:41	2/9/2024 10:55	74	0
317233	2/9/2024 9:41	2/10/2024 9:00	1398.92	0.47
10510361	2/9/2024 9:41	2/9/2024 19:34	593.42	0
1393699	2/9/2024 9:42	2/9/2024 19:35	592.85	0.27
1463520	2/9/2024 9:42	2/10/2024 9:00	1397.32	0
658837	2/9/2024 9:42	2/9/2024 17:09	447.55	0
1467272	2/9/2024 9:42	2/10/2024 9:00	1397.32	0
523489	2/9/2024 9:42	2/10/2024 9:00	1397.92	0
1421188	2/9/2024 9:43	2/9/2024 11:59	136	0
1494722	2/9/2024 9:44	2/10/2024 9:00	1395.5	0
1493132	2/9/2024 9:44	2/9/2024 11:46	122	0.02
315169	2/9/2024 9:46	2/9/2024 10:02	16	0
314188	2/9/2024 9:47	2/9/2024 10:02	15	0
9063373	2/9/2024 9:47	2/9/2024 11:32	105	0
1430838	2/9/2024 9:47	2/9/2024 19:40	593	0
1394365	2/9/2024 9:47	2/9/2024 11:32	105	0
1430644	2/9/2024 9:48	2/9/2024 19:40	592	0.22
945898	2/9/2024 9:49	2/9/2024 19:19	570.55	0
7178975	2/9/2024 9:49	2/9/2024 10:04	15	0
1430553	2/9/2024 9:49	2/9/2024 19:42	593	0.71
455994	2/9/2024 9:49	2/10/2024 9:00	1390.78	0
859747	2/9/2024 9:50	2/10/2024 9:00	1389.83	0
281235	2/9/2024 9:50	2/9/2024 11:51	121	0
275495	2/9/2024 9:50	2/10/2024 9:00	1389.92	0
315730	2/9/2024 9:51	2/9/2024 10:02	11	0
276488	2/9/2024 9:51	2/9/2024 11:52	121	0
4173986	2/9/2024 9:51	2/10/2024 9:00	1388.92	0
506261	2/9/2024 9:51	2/9/2024 19:33	582.52	0.13
1320008	2/9/2024 9:52	2/10/2024 9:00	1387.5	0

918098	2/9/2024 9:52	2/9/2024 14:08	256.55	0
274522	2/9/2024 9:52	2/9/2024 11:52	120	0.77
1552154	2/9/2024 9:52	2/10/2024 9:00	1387.32	0.05
10393495	2/9/2024 9:53	2/9/2024 11:48	115	0
275018	2/9/2024 9:53	2/9/2024 11:48	115	0
574596	2/9/2024 9:53	2/9/2024 11:37	104	0
860281	2/9/2024 9:55	2/9/2024 19:32	577.55	0
510974	2/9/2024 9:55	2/9/2024 19:28	573.52	0
279833	2/9/2024 9:55	2/9/2024 11:53	118	0
29635	2/9/2024 9:58	2/9/2024 11:12	74	0
26864	2/9/2024 9:58	2/9/2024 19:35	577.42	0
455629	2/9/2024 10:02	2/10/2024 9:00	1377.78	0
314188	2/9/2024 10:02	2/9/2024 19:35	573.42	0
326028	2/9/2024 10:02	2/9/2024 10:18	16	0
315169	2/9/2024 10:02	2/9/2024 19:34	572.42	0
315730	2/9/2024 10:02	2/9/2024 19:38	576.42	0
430114	2/9/2024 10:02	2/9/2024 11:47	105	0
47769	2/9/2024 10:03	2/10/2024 9:00	1376.92	0
457729	2/9/2024 10:04	2/10/2024 9:00	1375.78	0
7178975	2/9/2024 10:04	2/9/2024 19:42	578.42	0
197629	2/9/2024 10:04	2/9/2024 19:40	576.42	0.97
1515733	2/9/2024 10:05	2/9/2024 11:40	95	0.45
197883	2/9/2024 10:05	2/9/2024 19:37	572.42	0
454901	2/9/2024 10:05	2/9/2024 10:30	25	0
454861	2/9/2024 10:06	2/9/2024 10:29	23	0
1310926	2/9/2024 10:06	2/9/2024 19:41	574.85	0
1547843	2/9/2024 10:06	2/9/2024 19:44	578	0.44
49209	2/9/2024 10:07	2/9/2024 19:41	574.42	0
195839	2/9/2024 10:07	2/9/2024 19:36	569.42	0
1547686	2/9/2024 10:07	2/9/2024 19:39	572	0
196408	2/9/2024 10:07	2/9/2024 19:34	567.42	0
456099	2/9/2024 10:07	2/9/2024 10:19	12	0
315306	2/9/2024 10:08	2/10/2024 9:00	1371.92	0.1
664453	2/9/2024 10:09	2/9/2024 19:34	565.55	0
1549436	2/9/2024 10:09	2/9/2024 19:41	572	0
975066	2/9/2024 10:09	2/9/2024 19:40	571.43	0
1453263	2/9/2024 10:09	2/9/2024 14:26	257	0
1547692	2/9/2024 10:10	2/9/2024 19:42	572	0
8148103	2/9/2024 10:11	2/10/2024 9:00	1368.92	0
1403562	2/9/2024 10:14	2/9/2024 19:39	564.85	0
980132	2/9/2024 10:14	2/9/2024 19:35	561.43	0
1503507	2/9/2024 10:16	2/9/2024 19:46	569.85	0
1430294	2/9/2024 10:16	2/9/2024 19:38	562	0
265473	2/9/2024 10:17	2/9/2024 11:36	79	0
997397	2/9/2024 10:18	2/9/2024 11:32	74	0
326028	2/9/2024 10:18	2/9/2024 11:49	91	0
11081884	2/9/2024 10:19	2/9/2024 19:44	565.42	0

456099	2/9/2024 10:19	2/9/2024 12:21	122	0
1683861	2/9/2024 10:20	2/9/2024 19:37	557.42	0.01
320966	2/9/2024 10:22	2/9/2024 11:35	73	0
511266	2/9/2024 10:23	2/9/2024 19:38	555.52	0
500173	2/9/2024 10:23	2/9/2024 19:33	550.52	0.74
1074779	2/9/2024 10:24	2/9/2024 19:39	555.52	0.09
562346	2/9/2024 10:24	2/9/2024 19:43	559.52	0
562202	2/9/2024 10:25	2/9/2024 10:30	5	0
510307	2/9/2024 10:25	2/9/2024 19:37	552.52	0.04
380736	2/9/2024 10:27	2/9/2024 14:43	256.52	0.05
957615	2/9/2024 10:27	2/9/2024 14:12	225.43	0
6995795	2/9/2024 10:28	2/9/2024 14:44	256.52	0
507365	2/9/2024 10:28	2/9/2024 19:38	550.52	0
454861	2/9/2024 10:29	2/9/2024 12:18	109	0.08
381982	2/9/2024 10:29	2/9/2024 14:43	254.52	0
498070	2/9/2024 10:29	2/9/2024 19:34	545.52	0
454901	2/9/2024 10:30	2/10/2024 9:00	1349.78	0
562202	2/9/2024 10:30	2/10/2024 9:00	1349.78	0
1412757	2/9/2024 10:32	2/9/2024 14:35	242.85	0
70866	2/9/2024 10:33	2/9/2024 11:20	47	0
852125	2/9/2024 10:34	2/9/2024 11:37	63	0
574993	2/9/2024 10:35	2/9/2024 10:51	16	0
265864	2/9/2024 10:36	2/9/2024 11:06	30	0
801004	2/9/2024 10:41	2/9/2024 14:25	224.55	0
793690	2/9/2024 10:41	2/9/2024 19:34	533.55	0
800588	2/9/2024 10:42	2/9/2024 14:26	224.55	0
1381983	2/9/2024 10:42	2/10/2024 9:00	1337.5	0
1554218	2/9/2024 10:44	2/9/2024 14:12	208	0
353371	2/9/2024 10:44	2/9/2024 14:12	208.42	0.2
1565203	2/9/2024 10:45	2/9/2024 19:46	541	0
852071	2/9/2024 10:45	2/9/2024 11:38	53	0
416557	2/9/2024 10:45	2/9/2024 11:48	63	0
8495802	2/9/2024 10:45	2/9/2024 11:16	31	0.03
1518000	2/9/2024 10:46	2/9/2024 11:07	21	0
980870	2/9/2024 10:46	2/9/2024 11:17	31	0
1503739	2/9/2024 10:47	2/9/2024 11:18	31	0
1414392	2/9/2024 10:48	2/9/2024 14:33	224.85	0
277301	2/9/2024 10:49	2/9/2024 11:52	63	0
660265	2/9/2024 10:49	2/9/2024 19:38	529.55	0.12
69207	2/9/2024 10:49	2/9/2024 11:20	31	0
1394324	2/9/2024 10:50	2/9/2024 11:32	42	0
1602693	2/9/2024 10:51	2/10/2024 9:00	1328.32	0
574993	2/9/2024 10:51	2/9/2024 10:56	5	0
989956	2/9/2024 10:52	2/9/2024 21:25	633.43	0
68620	2/9/2024 10:52	2/9/2024 11:23	31	0
561758	2/9/2024 10:53	2/9/2024 11:41	48	0
1557303	2/9/2024 10:53	2/9/2024 14:12	199	0

8668965	2/9/2024 10:54	2/9/2024 19:27	513.52	0
1556352	2/9/2024 10:54	2/9/2024 14:08	194	0.25
1516579	2/9/2024 10:55	2/9/2024 11:00	5	0
552210	2/9/2024 10:55	2/9/2024 11:37	42	0
1384509	2/9/2024 10:55	2/9/2024 11:42	47	0
34887	2/9/2024 10:55	2/9/2024 11:16	21	0
1416360	2/9/2024 10:56	2/9/2024 14:35	218.85	0
570022	2/9/2024 10:56	2/9/2024 14:09	193.52	0
574993	2/9/2024 10:56	2/9/2024 11:07	11	0
30471	2/9/2024 10:56	2/9/2024 11:12	16	0
563241	2/9/2024 10:57	2/9/2024 11:39	42	0
35442	2/9/2024 10:59	2/9/2024 11:14	15	0
1670039	2/9/2024 10:59	2/9/2024 14:12	193.52	0
34905	2/9/2024 10:59	2/9/2024 11:15	16	0
1516579	2/9/2024 11:00	2/9/2024 11:12	12	0
1415828	2/9/2024 11:02	2/9/2024 14:36	213.85	0
68308	2/9/2024 11:03	2/9/2024 19:37	514.42	0
197356	2/9/2024 11:04	2/9/2024 11:10	6	0
267439	2/9/2024 11:04	2/9/2024 11:36	32	0
309961	2/9/2024 11:04	2/9/2024 19:43	519.42	0
1417279	2/9/2024 11:04	2/9/2024 12:01	57	0
267537	2/9/2024 11:05	2/9/2024 11:36	31	0
196965	2/9/2024 11:05	2/9/2024 19:33	508.42	0.07
1041597	2/9/2024 11:05	2/9/2024 19:38	513.43	0
1672784	2/9/2024 11:05	2/10/2024 9:00	1314.78	0.3
8068454	2/9/2024 11:05	2/9/2024 19:44	519.52	0
1556486	2/9/2024 11:06	2/9/2024 14:10	184	0
265864	2/9/2024 11:06	2/9/2024 11:33	27	0
1556434	2/9/2024 11:06	2/9/2024 14:09	183	0.03
1556246	2/9/2024 11:07	2/9/2024 14:10	183	0.33
800600	2/9/2024 11:07	2/9/2024 14:25	198.55	0
327311	2/9/2024 11:07	2/9/2024 11:54	47	0
1518000	2/9/2024 11:07	2/9/2024 11:23	16	0
1521914	2/9/2024 11:07	2/9/2024 14:21	194	0
193791	2/9/2024 11:07	2/9/2024 15:03	236.42	0
574993	2/9/2024 11:07	2/9/2024 11:12	5	0
1321114	2/9/2024 11:08	2/9/2024 19:37	508.85	0
1320619	2/9/2024 11:08	2/9/2024 11:13	5	0
127206	2/9/2024 11:08	2/10/2024 9:00	1311.92	0
195187	2/9/2024 11:08	2/9/2024 15:08	240.42	0
21306	2/9/2024 11:08	2/9/2024 19:37	509.42	0
553863	2/9/2024 11:09	2/9/2024 19:36	507.52	0
605186	2/9/2024 11:09	2/9/2024 11:36	27	0
1556243	2/9/2024 11:10	2/9/2024 14:08	178	0
197356	2/9/2024 11:10	2/9/2024 19:44	514.42	0
8590289	2/9/2024 11:10	2/9/2024 19:38	508.52	0
27443	2/9/2024 11:12	2/9/2024 19:45	513.42	0.35

574993	2/9/2024 11:12	2/9/2024 11:28	16	0
29635	2/9/2024 11:12	2/9/2024 19:30	498.42	0
30471	2/9/2024 11:12	2/9/2024 19:40	508.42	0
1516579	2/9/2024 11:12	2/9/2024 11:17	5	0
24124	2/9/2024 11:12	2/9/2024 19:43	511.42	0
26921	2/9/2024 11:13	2/9/2024 19:37	504.42	0.96
1320619	2/9/2024 11:13	2/9/2024 19:38	504.85	0
1393633	2/9/2024 11:14	2/9/2024 19:32	497.85	0.96
1513398	2/9/2024 11:14	2/9/2024 14:28	194	0
1503634	2/9/2024 11:14	2/9/2024 19:33	498.85	0
29748	2/9/2024 11:14	2/9/2024 19:32	498.42	0
1515964	2/9/2024 11:14	2/9/2024 14:13	179	0
35442	2/9/2024 11:14	2/9/2024 19:42	508.42	0
7937779	2/9/2024 11:14	2/9/2024 11:45	31	0
34613	2/9/2024 11:15	2/10/2024 9:00	1304.92	0
25674	2/9/2024 11:15	2/9/2024 12:49	94	0
29848	2/9/2024 11:15	2/9/2024 19:33	498.42	1.33
34905	2/9/2024 11:15	2/9/2024 19:38	503.42	0
756553	2/9/2024 11:16	2/10/2024 9:00	1303.78	0
34887	2/9/2024 11:16	2/9/2024 19:39	503.42	0
656498	2/9/2024 11:16	2/9/2024 19:35	499.55	0
982261	2/9/2024 11:16	2/9/2024 15:32	256.43	0.15
34832	2/9/2024 11:16	2/9/2024 19:34	498.42	0
8495802	2/9/2024 11:16	2/9/2024 19:45	509	1.57
660268	2/9/2024 11:16	2/9/2024 11:48	32	0
353082	2/9/2024 11:16	2/9/2024 14:14	178.42	0.25
980870	2/9/2024 11:17	2/9/2024 19:39	502.43	0
13912	2/9/2024 11:17	2/9/2024 13:59	162.42	0
1513363	2/9/2024 11:17	2/9/2024 19:33	496	0
980398	2/9/2024 11:17	2/9/2024 15:02	225.43	0
1516579	2/9/2024 11:17	2/9/2024 11:24	7	0
1515678	2/9/2024 11:18	2/9/2024 14:11	173	0
1503739	2/9/2024 11:18	2/9/2024 19:31	493.43	0.04
280364	2/9/2024 11:18	2/9/2024 11:50	32	0.17
903630	2/9/2024 11:19	2/10/2024 9:00	1300.83	0
266565	2/9/2024 11:19	2/10/2024 9:00	1300.92	0
266576	2/9/2024 11:19	2/10/2024 9:00	1300.92	0
9399863	2/9/2024 11:19	2/9/2024 11:51	32	0
266573	2/9/2024 11:20	2/10/2024 9:00	1299.92	0.06
265949	2/9/2024 11:20	2/10/2024 9:00	1299.92	0.03
70866	2/9/2024 11:20	2/9/2024 11:52	32	0
69207	2/9/2024 11:20	2/9/2024 14:18	178.42	0
1251782	2/9/2024 11:20	2/9/2024 19:42	502.55	0
267084	2/9/2024 11:20	2/10/2024 9:00	1299.92	0
266806	2/9/2024 11:21	2/10/2024 9:00	1298.92	0.03
267021	2/9/2024 11:21	2/10/2024 9:00	1298.92	0
1508563	2/9/2024 11:21	2/9/2024 11:52	31	0

325050	2/9/2024 11:21	2/9/2024 11:37	16	0
266556	2/9/2024 11:22	2/10/2024 9:00	1297.92	0.01
324045	2/9/2024 11:22	2/9/2024 11:38	16	0
1680136	2/9/2024 11:22	2/10/2024 9:00	1297.92	0
265584	2/9/2024 11:22	2/10/2024 9:00	1297.92	0
792391	2/9/2024 11:22	2/9/2024 14:25	183.55	0
1465882	2/9/2024 11:22	2/9/2024 11:53	31	0
267715	2/9/2024 11:22	2/10/2024 9:00	1297.92	0.02
68620	2/9/2024 11:23	2/9/2024 14:20	177.42	0
324249	2/9/2024 11:23	2/9/2024 11:39	16	0
792446	2/9/2024 11:23	2/9/2024 14:23	180.55	0
1518000	2/9/2024 11:23	2/9/2024 14:20	177	0
800590	2/9/2024 11:23	2/9/2024 14:25	182.55	0
281332	2/9/2024 11:23	2/9/2024 11:49	26	0
793737	2/9/2024 11:23	2/9/2024 14:21	178.55	0.05
1511532	2/9/2024 11:23	2/9/2024 11:55	32	0
323747	2/9/2024 11:24	2/9/2024 11:40	16	0.26
1516579	2/9/2024 11:24	2/9/2024 11:26	2	0
793937	2/9/2024 11:26	2/9/2024 14:24	178.55	0
1516579	2/9/2024 11:26	2/9/2024 11:37	11	0
794132	2/9/2024 11:26	2/9/2024 14:23	177.55	0
1093833	2/9/2024 11:26	2/9/2024 19:24	478.52	0
567126	2/9/2024 11:27	2/9/2024 19:34	487.52	0.1
791361	2/9/2024 11:27	2/9/2024 14:21	174.55	0
280780	2/9/2024 11:27	2/9/2024 11:58	31	0
574993	2/9/2024 11:28	2/9/2024 11:33	5	0
1075503	2/9/2024 11:29	2/9/2024 14:11	162.52	0
385332	2/9/2024 11:30	2/9/2024 19:17	467.52	0
523018	2/9/2024 11:30	2/9/2024 12:18	48	0.5
997397	2/9/2024 11:32	2/9/2024 11:47	15	0
9063373	2/9/2024 11:32	2/9/2024 11:48	16	0
1394365	2/9/2024 11:32	2/9/2024 11:48	16	0
1394324	2/9/2024 11:32	2/9/2024 11:48	16	0
265864	2/9/2024 11:33	2/9/2024 19:33	480.42	0
521348	2/9/2024 11:33	2/9/2024 12:15	42	0
266010	2/9/2024 11:33	2/9/2024 19:29	476.42	0
928438	2/9/2024 11:33	2/10/2024 9:00	1286.83	0
574993	2/9/2024 11:33	2/9/2024 11:38	5	0
587455	2/9/2024 11:33	2/9/2024 11:48	15	0
113628	2/9/2024 11:34	2/10/2024 9:00	1285.92	0
308622	2/9/2024 11:34	2/9/2024 13:03	89	0
320966	2/9/2024 11:35	2/9/2024 11:52	17	0
926505	2/9/2024 11:35	2/9/2024 13:20	105	0.01
265473	2/9/2024 11:36	2/9/2024 14:49	193.42	0
327693	2/9/2024 11:36	2/9/2024 14:07	151.42	0
267439	2/9/2024 11:36	2/9/2024 14:51	195.42	0
605186	2/9/2024 11:36	2/9/2024 11:51	15	0

12377908	2/9/2024 11:36	2/9/2024 13:06	90	0
267537	2/9/2024 11:36	2/9/2024 14:50	194.42	0
926657	2/9/2024 11:37	2/9/2024 13:22	105	0
552210	2/9/2024 11:37	2/9/2024 11:53	16	0
325050	2/9/2024 11:37	2/9/2024 14:39	182.42	0
926638	2/9/2024 11:37	2/9/2024 13:22	105	0
574596	2/9/2024 11:37	2/9/2024 11:52	15	0
1516579	2/9/2024 11:37	2/9/2024 11:42	5	0
852125	2/9/2024 11:37	2/9/2024 11:52	15	0
574993	2/9/2024 11:38	2/9/2024 11:43	5	0
324045	2/9/2024 11:38	2/9/2024 14:35	177.42	0
852071	2/9/2024 11:38	2/9/2024 11:48	10	0
266906	2/9/2024 11:38	2/9/2024 19:36	478.42	0
1433348	2/9/2024 11:38	2/9/2024 15:08	210	0
328817	2/9/2024 11:39	2/9/2024 14:07	148.42	0
324249	2/9/2024 11:39	2/9/2024 16:07	268.42	0
563241	2/9/2024 11:39	2/9/2024 15:40	241.52	0
8674977	2/9/2024 11:39	2/9/2024 19:37	477.85	0.27
1432940	2/9/2024 11:39	2/9/2024 15:10	211	0
549370	2/9/2024 11:39	2/9/2024 13:08	89	0
1515733	2/9/2024 11:40	2/9/2024 11:56	16	0.24
323747	2/9/2024 11:40	2/9/2024 16:06	266.42	0.82
561758	2/9/2024 11:41	2/9/2024 15:41	240.52	0
1516579	2/9/2024 11:42	2/9/2024 14:09	147	0
1384509	2/9/2024 11:42	2/9/2024 11:58	16	0
814312	2/9/2024 11:42	2/9/2024 12:29	47	0
551972	2/9/2024 11:42	2/9/2024 19:34	472.52	0
574993	2/9/2024 11:43	2/9/2024 11:54	11	0
10433250	2/9/2024 11:43	2/9/2024 12:30	47	0.08
1376158	2/9/2024 11:43	2/9/2024 12:30	47	0
7937779	2/9/2024 11:45	2/9/2024 12:27	42	0
1493132	2/9/2024 11:46	2/9/2024 12:28	42	0.11
430114	2/9/2024 11:47	2/9/2024 12:19	32	0
353728	2/9/2024 11:47	2/9/2024 14:23	156.42	0
997397	2/9/2024 11:47	2/9/2024 14:47	180.43	0
1394365	2/9/2024 11:48	2/9/2024 12:03	15	0
10393495	2/9/2024 11:48	2/9/2024 12:05	17	0
416557	2/9/2024 11:48	2/9/2024 13:17	89	0
1394324	2/9/2024 11:48	2/9/2024 12:04	16	0
658642	2/9/2024 11:48	2/9/2024 19:36	468.55	0.01
660268	2/9/2024 11:48	2/9/2024 13:01	73	0
707555	2/9/2024 11:48	2/10/2024 9:00	1271.83	0
852071	2/9/2024 11:48	2/9/2024 12:04	16	0
9063373	2/9/2024 11:48	2/9/2024 12:04	16	0
587455	2/9/2024 11:48	2/9/2024 12:14	26	0
275018	2/9/2024 11:48	2/9/2024 12:12	24	0
326028	2/9/2024 11:49	2/9/2024 14:04	135.42	0

281332	2/9/2024 11:49	2/9/2024 12:05	16	0
8950281	2/9/2024 11:49	2/9/2024 12:05	16	0
280364	2/9/2024 11:50	2/9/2024 12:06	16	0.08
456084	2/9/2024 11:50	2/9/2024 12:16	26	0
605186	2/9/2024 11:51	2/9/2024 12:07	16	0
740241	2/9/2024 11:51	2/9/2024 12:07	16	0
281235	2/9/2024 11:51	2/9/2024 12:07	16	0
9399863	2/9/2024 11:51	2/9/2024 12:06	15	0
1466638	2/9/2024 11:51	2/9/2024 13:04	73	0
274522	2/9/2024 11:52	2/9/2024 12:03	11	0
574596	2/9/2024 11:52	2/9/2024 12:07	15	0
70866	2/9/2024 11:52	2/9/2024 14:17	145.42	0
320966	2/9/2024 11:52	2/9/2024 12:07	15	0
277301	2/9/2024 11:52	2/9/2024 12:08	16	0
276488	2/9/2024 11:52	2/9/2024 12:08	16	0
1508563	2/9/2024 11:52	2/9/2024 13:21	89	0
852125	2/9/2024 11:52	2/9/2024 12:08	16	0
279833	2/9/2024 11:53	2/9/2024 12:04	11	0
552210	2/9/2024 11:53	2/9/2024 12:24	31	0
1465882	2/9/2024 11:53	2/9/2024 19:35	462	0.05
327311	2/9/2024 11:54	2/9/2024 12:05	11	0
574993	2/9/2024 11:54	2/9/2024 11:59	5	0
1511532	2/9/2024 11:55	2/9/2024 13:24	89	0.04
1515733	2/9/2024 11:56	2/9/2024 12:06	10	0
1325985	2/9/2024 11:58	2/10/2024 9:00	1261.5	0
280780	2/9/2024 11:58	2/9/2024 12:24	26	0
1384509	2/9/2024 11:58	2/9/2024 12:26	28	0
1421188	2/9/2024 11:59	2/9/2024 13:02	63	0
574993	2/9/2024 11:59	2/9/2024 12:10	11	0
1594081	2/9/2024 12:01	2/9/2024 15:04	183	0
1417279	2/9/2024 12:01	2/9/2024 12:59	58	0
1594635	2/9/2024 12:02	2/9/2024 14:29	147	0
274522	2/9/2024 12:03	2/9/2024 13:06	63	0.13
1394365	2/9/2024 12:03	2/9/2024 15:18	194.85	0.01
9063373	2/9/2024 12:04	2/9/2024 15:18	193.85	0
279833	2/9/2024 12:04	2/9/2024 13:08	64	0
1394324	2/9/2024 12:04	2/9/2024 15:18	193.85	0
852071	2/9/2024 12:04	2/10/2024 9:00	1255.83	0.01
327311	2/9/2024 12:05	2/9/2024 14:05	120.42	0
8950281	2/9/2024 12:05	2/9/2024 14:16	131.42	0
10393495	2/9/2024 12:05	2/9/2024 13:07	62	0
281332	2/9/2024 12:05	2/9/2024 13:07	62	0
280364	2/9/2024 12:06	2/9/2024 13:08	62	0
1515733	2/9/2024 12:06	2/9/2024 14:07	121	0
9399863	2/9/2024 12:06	2/9/2024 13:04	58	0
740241	2/9/2024 12:07	2/10/2024 9:00	1252.83	0
204963	2/9/2024 12:07	2/9/2024 19:44	457.42	0

320966	2/9/2024 12:07	2/9/2024 15:52	225.42	0
281235	2/9/2024 12:07	2/9/2024 13:04	57	0
224277	2/9/2024 12:07	2/9/2024 14:06	119.42	0
605186	2/9/2024 12:07	2/9/2024 19:38	451.52	0
574596	2/9/2024 12:07	2/9/2024 13:51	104.52	0
277301	2/9/2024 12:08	2/9/2024 13:05	57	0
852125	2/9/2024 12:08	2/10/2024 9:00	1251.83	0
276488	2/9/2024 12:08	2/9/2024 13:06	58	0
204700	2/9/2024 12:09	2/9/2024 19:34	445.42	0
574993	2/9/2024 12:10	2/9/2024 12:15	5	0
375117	2/9/2024 12:12	2/9/2024 13:56	104.52	0
174362	2/9/2024 12:12	2/10/2024 9:00	1247.92	0
373273	2/9/2024 12:12	2/9/2024 13:56	104.52	0
275018	2/9/2024 12:12	2/9/2024 13:05	53	0
169731	2/9/2024 12:14	2/10/2024 9:00	1245.92	0
13876	2/9/2024 12:14	2/9/2024 13:58	104.42	0
587455	2/9/2024 12:14	2/9/2024 13:17	63	0
373278	2/9/2024 12:14	2/9/2024 13:57	103.52	0
14605	2/9/2024 12:15	2/9/2024 13:59	104.42	0
574993	2/9/2024 12:15	2/9/2024 12:20	5	0
521348	2/9/2024 12:15	2/9/2024 19:41	446.55	0
577134	2/9/2024 12:15	2/10/2024 9:00	1244.78	0
1672745	2/9/2024 12:16	2/9/2024 13:14	58	0
456084	2/9/2024 12:16	2/9/2024 14:17	121.52	0
454861	2/9/2024 12:18	2/9/2024 13:10	52	0.02
578557	2/9/2024 12:18	2/10/2024 9:00	1241.78	0
523018	2/9/2024 12:18	2/9/2024 13:00	42	0
578363	2/9/2024 12:19	2/10/2024 9:00	1240.78	0
430114	2/9/2024 12:19	2/10/2024 9:00	1240.78	0
330528	2/9/2024 12:19	2/9/2024 13:06	47	0
574993	2/9/2024 12:20	2/9/2024 12:26	6	0
456099	2/9/2024 12:21	2/9/2024 13:03	42	0
552210	2/9/2024 12:24	2/9/2024 14:08	104.52	0
280780	2/9/2024 12:24	2/9/2024 13:11	47	0
574993	2/9/2024 12:26	2/9/2024 13:39	73.52	0
1384509	2/9/2024 12:26	2/10/2024 9:00	1233.5	0
7937779	2/9/2024 12:27	2/9/2024 14:13	105.85	0
1493132	2/9/2024 12:28	2/9/2024 13:00	32	0
814312	2/9/2024 12:29	2/10/2024 9:00	1230.83	0
1376158	2/9/2024 12:30	2/10/2024 9:00	1229.5	0
10433250	2/9/2024 12:30	2/9/2024 14:43	132.85	0.01
441757	2/9/2024 12:31	2/9/2024 14:46	135.52	0
1594192	2/9/2024 12:33	2/9/2024 14:29	116	0
1394442	2/9/2024 12:34	2/10/2024 9:00	1225.5	0
1394543	2/9/2024 12:35	2/10/2024 9:00	1224.5	0
8502011	2/9/2024 12:38	2/9/2024 14:08	90.42	0
646026	2/9/2024 12:38	2/9/2024 14:09	91.52	0

1394467	2/9/2024 12:44	2/10/2024 9:00	1215.5	0
328113	2/9/2024 12:46	2/9/2024 13:32	46.42	0
1432827	2/9/2024 12:46	2/9/2024 19:34	408	0
451783	2/9/2024 12:49	2/9/2024 13:47	58.52	0
25674	2/9/2024 12:49	2/10/2024 9:00	1210.92	0
645798	2/9/2024 12:53	2/10/2024 9:00	1206.78	0
645321	2/9/2024 12:54	2/10/2024 9:00	1205.78	0
11176351	2/9/2024 12:59	2/9/2024 14:02	63	0
1417279	2/9/2024 12:59	2/10/2024 9:00	1200.5	0
1493132	2/9/2024 13:00	2/9/2024 14:13	72.85	0.13
523018	2/9/2024 13:00	2/10/2024 9:00	1199.83	0
660268	2/9/2024 13:01	2/9/2024 14:46	105.55	0
1421188	2/9/2024 13:02	2/9/2024 14:16	73.85	0
456099	2/9/2024 13:03	2/9/2024 13:19	16	0
308622	2/9/2024 13:03	2/9/2024 14:22	79.42	0
1466638	2/9/2024 13:04	2/9/2024 19:38	394	0
9399863	2/9/2024 13:04	2/9/2024 14:49	105.42	0
281235	2/9/2024 13:04	2/9/2024 14:06	62.42	0
275018	2/9/2024 13:05	2/9/2024 13:51	46.42	0
277301	2/9/2024 13:05	2/10/2024 9:00	1194.92	0
465344	2/9/2024 13:05	2/10/2024 9:00	1194.78	0
1568853	2/9/2024 13:05	2/10/2024 9:00	1194.92	0
12377908	2/9/2024 13:06	2/9/2024 14:24	78.42	0
276488	2/9/2024 13:06	2/10/2024 9:00	1193.92	0
330528	2/9/2024 13:06	2/9/2024 14:03	57.42	0
274522	2/9/2024 13:06	2/10/2024 9:00	1193.92	0
281332	2/9/2024 13:07	2/9/2024 14:52	105.42	0
10393495	2/9/2024 13:07	2/9/2024 13:49	42.42	0
279833	2/9/2024 13:08	2/10/2024 9:00	1191.92	0
280364	2/9/2024 13:08	2/9/2024 14:53	105.42	0
549370	2/9/2024 13:08	2/10/2024 9:00	1191.78	0
454861	2/9/2024 13:10	2/9/2024 13:20	10	0
280780	2/9/2024 13:11	2/9/2024 14:55	104.42	0
1672745	2/9/2024 13:14	2/9/2024 19:42	388.52	0
416557	2/9/2024 13:17	2/9/2024 15:02	105.52	0
587455	2/9/2024 13:17	2/9/2024 14:15	58.52	0
456099	2/9/2024 13:19	2/9/2024 14:17	58.52	0
926505	2/9/2024 13:20	2/9/2024 13:51	31.55	0.01
454861	2/9/2024 13:20	2/9/2024 14:18	58.52	0
1508563	2/9/2024 13:21	2/9/2024 14:08	47	0
926638	2/9/2024 13:22	2/9/2024 13:47	25.55	0
926657	2/9/2024 13:22	2/9/2024 14:33	71.55	0
1511532	2/9/2024 13:24	2/9/2024 14:11	47	0
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399291	2/9/2024 13:31	2/9/2024 19:43	372	0
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574993	2/9/2024 13:39	2/9/2024 13:44	5	0

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926638	2/9/2024 13:47	2/9/2024 16:20	153	0
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1672454	2/9/2024 13:49	2/9/2024 19:36	347	0
878149	2/9/2024 13:50	2/9/2024 14:06	16	0
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574596	2/9/2024 13:51	2/9/2024 14:06	15	0
275018	2/9/2024 13:51	2/9/2024 14:49	58	0
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373273	2/9/2024 13:56	2/9/2024 14:12	16	0
375117	2/9/2024 13:56	2/9/2024 14:12	16	0
373278	2/9/2024 13:57	2/9/2024 14:14	17	0
1019446	2/9/2024 13:58	2/9/2024 14:14	16	0
13876	2/9/2024 13:58	2/9/2024 14:30	32	0
14605	2/9/2024 13:59	2/9/2024 14:31	32	0
13912	2/9/2024 13:59	2/9/2024 14:59	60	0
574993	2/9/2024 14:00	2/9/2024 14:05	5	0
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65245	2/9/2024 14:03	2/10/2024 9:00	1136.5	0
330528	2/9/2024 14:03	2/9/2024 15:48	105	0
326028	2/9/2024 14:04	2/9/2024 15:07	63	0
327311	2/9/2024 14:05	2/9/2024 19:36	331	0
574993	2/9/2024 14:05	2/9/2024 14:10	5	0
281235	2/9/2024 14:06	2/9/2024 14:49	43	0
878149	2/9/2024 14:06	2/9/2024 14:22	16	0
224277	2/9/2024 14:06	2/9/2024 14:38	32	0
574596	2/9/2024 14:06	2/9/2024 14:22	16	0
327693	2/9/2024 14:07	2/9/2024 15:05	58	0
1515733	2/9/2024 14:07	2/9/2024 14:23	16	0
555654	2/9/2024 14:07	2/10/2024 9:00	1132.27	0
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646026	2/9/2024 14:09	2/9/2024 14:25	16	0
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8511715	2/9/2024 14:14	2/9/2024 14:45	31	0
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1516579	2/9/2024 14:14	2/9/2024 14:25	11	0
587455	2/9/2024 14:15	2/9/2024 19:35	320	0
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350753	2/9/2024 14:16	2/10/2024 9:00	1123.5	0
1421188	2/9/2024 14:16	2/9/2024 19:42	326	0
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70866	2/9/2024 14:17	2/9/2024 19:40	323	0
456084	2/9/2024 14:17	2/9/2024 14:32	15	0
456099	2/9/2024 14:17	2/9/2024 14:33	16	0
69207	2/9/2024 14:18	2/9/2024 19:43	325	0
454861	2/9/2024 14:18	2/9/2024 14:34	16	0
68620	2/9/2024 14:20	2/9/2024 19:41	321	0.03
1518000	2/9/2024 14:20	2/9/2024 14:36	16	0
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574993	2/9/2024 14:21	2/9/2024 14:26	5	0
793737	2/9/2024 14:21	2/9/2024 19:36	315	0
1521914	2/9/2024 14:21	2/9/2024 19:43	322	0
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574596	2/9/2024 14:22	2/9/2024 14:36	14	0
308622	2/9/2024 14:22	2/9/2024 19:45	323	0
353728	2/9/2024 14:23	2/9/2024 15:21	58	0

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794132	2/9/2024 14:23	2/9/2024 19:33	310	0
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1515733	2/9/2024 14:23	2/9/2024 14:39	16	0
8502011	2/9/2024 14:24	2/9/2024 14:39	15	0
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1517291	2/9/2024 14:24	2/9/2024 14:40	16	0
1508563	2/9/2024 14:24	2/9/2024 19:34	310	0
793937	2/9/2024 14:24	2/9/2024 19:23	299	0
646026	2/9/2024 14:25	2/9/2024 14:40	15	0
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800600	2/9/2024 14:25	2/9/2024 14:36	11	0
800590	2/9/2024 14:25	2/9/2024 14:36	11	0
801004	2/9/2024 14:25	2/9/2024 14:36	11	0
1517239	2/9/2024 14:25	2/9/2024 14:35	10	0
792391	2/9/2024 14:25	2/9/2024 19:40	315	0
800588	2/9/2024 14:26	2/9/2024 14:37	11	0
1453263	2/9/2024 14:26	2/9/2024 14:41	15	0
574993	2/9/2024 14:26	2/9/2024 14:37	11	0
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375117	2/9/2024 14:28	2/9/2024 14:44	16	0
373273	2/9/2024 14:28	2/9/2024 14:44	16	0
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373278	2/9/2024 14:29	2/9/2024 14:40	11	0
1594635	2/9/2024 14:29	2/9/2024 19:49	320	0
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1594192	2/9/2024 14:29	2/9/2024 19:44	315	0
11435788	2/9/2024 14:29	2/9/2024 15:00	31	0
1516579	2/9/2024 14:30	2/9/2024 14:40	10	0
13876	2/9/2024 14:30	2/9/2024 15:01	31	0
1020387	2/9/2024 14:30	2/9/2024 14:46	16	0
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446329	2/9/2024 14:31	2/9/2024 19:41	310	0
14605	2/9/2024 14:31	2/9/2024 15:02	31	0
8950281	2/9/2024 14:32	2/9/2024 14:48	16	0
1584687	2/9/2024 14:32	2/9/2024 14:48	16	0
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450055	2/9/2024 14:33	2/9/2024 19:32	299	0
926657	2/9/2024 14:33	2/9/2024 19:22	289	0
1414392	2/9/2024 14:33	2/9/2024 19:38	305	0
456099	2/9/2024 14:33	2/9/2024 19:32	299	0

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12377908	2/9/2024 14:34	2/9/2024 19:38	304	0
454861	2/9/2024 14:34	2/9/2024 19:38	304	0
1624452	2/9/2024 14:34	2/9/2024 15:06	32	0
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1412757	2/9/2024 14:35	2/9/2024 14:51	16	0
324045	2/9/2024 14:35	2/9/2024 19:45	310	0.13
1416360	2/9/2024 14:35	2/9/2024 19:46	311	0
356505	2/9/2024 14:35	2/9/2024 19:44	309	0
1517239	2/9/2024 14:35	2/9/2024 19:45	310	0
1415828	2/9/2024 14:36	2/9/2024 19:36	300	0
800600	2/9/2024 14:36	2/9/2024 19:35	299	0
800590	2/9/2024 14:36	2/9/2024 19:39	303	0
1518000	2/9/2024 14:36	2/9/2024 19:35	299	0
1437071	2/9/2024 14:36	2/9/2024 19:39	303	0
801004	2/9/2024 14:36	2/9/2024 19:35	299	0
574596	2/9/2024 14:36	2/9/2024 19:36	300	0
1576533	2/9/2024 14:36	2/9/2024 14:47	11	0
446126	2/9/2024 14:36	2/10/2024 9:00	1103.27	0
195666	2/9/2024 14:36	2/9/2024 19:35	299	0
574993	2/9/2024 14:37	2/9/2024 14:42	5	0
800588	2/9/2024 14:37	2/9/2024 19:33	296	0
223338	2/9/2024 14:37	2/10/2024 9:00	1102.5	0
226164	2/9/2024 14:37	2/9/2024 19:46	309	0.05
224277	2/9/2024 14:38	2/9/2024 15:09	31	0
878149	2/9/2024 14:38	2/9/2024 19:37	299	0
1446785	2/9/2024 14:38	2/9/2024 19:40	302	0
1516432	2/9/2024 14:38	2/9/2024 19:38	300	0
7932279	2/9/2024 14:38	2/9/2024 19:38	300	0
1515733	2/9/2024 14:39	2/9/2024 19:43	304	0
325050	2/9/2024 14:39	2/9/2024 19:33	294	0
8502011	2/9/2024 14:39	2/9/2024 19:33	294	0
1517747	2/9/2024 14:39	2/9/2024 19:49	310	0
1513398	2/9/2024 14:39	2/9/2024 19:33	294	0
646026	2/9/2024 14:40	2/9/2024 19:31	291	0
1516579	2/9/2024 14:40	2/9/2024 14:46	6	0
570022	2/9/2024 14:40	2/9/2024 19:40	300	0
552210	2/9/2024 14:40	2/9/2024 19:36	296	0
373278	2/9/2024 14:40	2/9/2024 21:23	403	0
228867	2/9/2024 14:40	2/10/2024 9:00	1099.5	0
1517291	2/9/2024 14:40	2/9/2024 19:49	309	0
1453263	2/9/2024 14:41	2/9/2024 19:41	300	0
1454641	2/9/2024 14:41	2/10/2024 9:00	1098.32	0
625386	2/9/2024 14:42	2/10/2024 9:00	1097.27	0
9451811	2/9/2024 14:42	2/10/2024 9:00	1097.32	0
574993	2/9/2024 14:42	2/9/2024 14:52	10	0

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10433250	2/9/2024 14:43	2/9/2024 19:32	289	0
380736	2/9/2024 14:43	2/9/2024 19:26	283	0
1515678	2/9/2024 14:43	2/9/2024 19:42	299	0
381982	2/9/2024 14:43	2/9/2024 19:37	294	0
344641	2/9/2024 14:44	2/9/2024 19:33	289	0
375117	2/9/2024 14:44	2/9/2024 19:32	288	0
6995795	2/9/2024 14:44	2/9/2024 19:38	294	0
5834752	2/9/2024 14:44	2/9/2024 19:33	289	0
373273	2/9/2024 14:44	2/9/2024 19:37	293	0
353371	2/9/2024 14:44	2/9/2024 19:43	299	0
1515964	2/9/2024 14:44	2/9/2024 19:38	294	0
1670039	2/9/2024 14:44	2/9/2024 19:43	299	0
347031	2/9/2024 14:44	2/9/2024 19:32	288	0
8511715	2/9/2024 14:45	2/9/2024 19:34	289	0
1019446	2/9/2024 14:45	2/9/2024 19:27	282	0
353082	2/9/2024 14:45	2/9/2024 19:39	294	0
1325831	2/9/2024 14:45	2/9/2024 19:34	289	0
1493132	2/9/2024 14:45	2/9/2024 19:44	299	0
1582130	2/9/2024 14:46	2/9/2024 19:41	295	0
6828301	2/9/2024 14:46	2/9/2024 19:41	295	0
1516579	2/9/2024 14:46	2/9/2024 14:56	10	0
660268	2/9/2024 14:46	2/9/2024 19:30	284	0
1020387	2/9/2024 14:46	2/9/2024 19:33	287	0
441757	2/9/2024 14:46	2/9/2024 19:31	285	0
997397	2/9/2024 14:47	2/9/2024 19:35	288	0
1576533	2/9/2024 14:47	2/9/2024 19:44	297	0
8950281	2/9/2024 14:48	2/9/2024 19:42	294	0
1584687	2/9/2024 14:48	2/9/2024 19:42	294	0
281235	2/9/2024 14:49	2/9/2024 19:42	293	0
265473	2/9/2024 14:49	2/9/2024 19:38	289	0
9399863	2/9/2024 14:49	2/9/2024 19:48	299	0
275018	2/9/2024 14:49	2/9/2024 19:37	288	0
267537	2/9/2024 14:50	2/9/2024 19:38	288	0
1415622	2/9/2024 14:50	2/9/2024 19:38	288	0
1412757	2/9/2024 14:51	2/9/2024 19:34	283	0
10393495	2/9/2024 14:51	2/9/2024 19:45	294	0
267439	2/9/2024 14:51	2/9/2024 19:40	289	0
574993	2/9/2024 14:52	2/9/2024 14:58	6	0
281332	2/9/2024 14:52	2/9/2024 19:36	284	0
1535397	2/9/2024 14:52	2/9/2024 19:46	294	0
265955	2/9/2024 14:53	2/10/2024 9:00	1086.5	0
1319739	2/9/2024 14:53	2/10/2024 9:00	1086.65	0
280364	2/9/2024 14:53	2/9/2024 19:43	290	0
280780	2/9/2024 14:55	2/9/2024 19:39	284	0
1516579	2/9/2024 14:56	2/9/2024 15:01	5	0

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1407947	2/9/2024 14:58	2/10/2024 9:00	1081.65	0
13912	2/9/2024 14:59	2/9/2024 19:34	275	0
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11628	2/9/2024 15:00	2/9/2024 19:47	287	0
12746	2/9/2024 15:00	2/9/2024 19:32	272	0
418291	2/9/2024 15:00	2/9/2024 19:40	280	0
11176351	2/9/2024 15:00	2/9/2024 19:43	283	0
1516579	2/9/2024 15:01	2/9/2024 15:07	6	0
13876	2/9/2024 15:01	2/9/2024 19:40	279	0
980398	2/9/2024 15:02	2/9/2024 19:35	273	0
14605	2/9/2024 15:02	2/9/2024 19:42	280	0
416557	2/9/2024 15:02	2/9/2024 19:24	262	0
193791	2/9/2024 15:03	2/9/2024 19:36	273	0
1594081	2/9/2024 15:04	2/9/2024 19:43	279	0
1704232	2/9/2024 15:04	2/9/2024 19:26	262	0
327693	2/9/2024 15:05	2/9/2024 19:33	268	0
1556243	2/9/2024 15:06	2/9/2024 19:44	278	0
1624452	2/9/2024 15:06	2/9/2024 19:44	278	0
1556434	2/9/2024 15:07	2/9/2024 19:40	273	0
326028	2/9/2024 15:07	2/10/2024 4:04	777	0
1516579	2/9/2024 15:07	2/9/2024 15:12	5	0
1433348	2/9/2024 15:08	2/9/2024 19:46	278	0
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195187	2/9/2024 15:08	2/9/2024 19:43	275	0
224277	2/9/2024 15:09	2/9/2024 19:32	263	0
1557303	2/9/2024 15:09	2/9/2024 19:36	267	0
328408	2/9/2024 15:09	2/9/2024 19:31	262	0
1493766	2/9/2024 15:09	2/9/2024 19:36	267	0
1556352	2/9/2024 15:09	2/9/2024 19:32	263	0
574993	2/9/2024 15:09	2/9/2024 15:13	4	0
328817	2/9/2024 15:09	2/9/2024 19:37	268	0
1432940	2/9/2024 15:10	2/9/2024 19:42	272	0
1349360	2/9/2024 15:10	2/9/2024 19:36	266	0
1554218	2/9/2024 15:10	2/9/2024 19:43	273	0
1556486	2/9/2024 15:10	2/9/2024 19:37	267	0
1516579	2/9/2024 15:12	2/9/2024 15:23	11	0
574993	2/9/2024 15:13	2/9/2024 15:24	11	0
1349626	2/9/2024 15:13	2/9/2024 19:46	273	0
563721	2/9/2024 15:15	2/9/2024 19:32	257	0
1394365	2/9/2024 15:18	2/9/2024 19:46	268	0
9063373	2/9/2024 15:18	2/9/2024 19:46	268	0
1394324	2/9/2024 15:18	2/9/2024 20:43	325	0
222857	2/9/2024 15:19	2/10/2024 9:00	1060.5	0
353728	2/9/2024 15:21	2/9/2024 19:49	268	0
1543009	2/9/2024 15:23	2/9/2024 19:41	258	0

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563241	2/9/2024 15:40	2/9/2024 19:33	233	0
574993	2/9/2024 15:40	2/9/2024 15:45	5	0
561758	2/9/2024 15:41	2/9/2024 19:32	231	0
183822	2/9/2024 15:45	2/9/2024 19:36	231	0
574993	2/9/2024 15:45	2/9/2024 16:06	21	0
330528	2/9/2024 15:48	2/9/2024 19:02	194	0
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6583289	2/9/2024 15:50	2/9/2024 19:45	235	0
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957615	2/9/2024 15:57	2/9/2024 19:38	221	0
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1326419	2/9/2024 16:02	2/9/2024 19:42	220	0
323747	2/9/2024 16:06	2/9/2024 19:39	213	0
574993	2/9/2024 16:06	2/9/2024 16:11	5	0
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1516786	2/9/2024 16:15	2/9/2024 19:45	210	0
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658837	2/9/2024 17:09	2/9/2024 19:36	147	0
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29748	2/9/2024 19:32	2/10/2024 9:00	807.5	0
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375117	2/9/2024 19:32	2/10/2024 9:00	807.27	0
12746	2/9/2024 19:32	2/10/2024 9:00	807.5	0
347031	2/9/2024 19:32	2/10/2024 9:00	807.5	0
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8502011	2/9/2024 19:33	2/10/2024 9:00	806.5	0
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325050	2/9/2024 19:33	2/10/2024 9:00	806.5	0
344641	2/9/2024 19:33	2/10/2024 9:00	806.5	0
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800588	2/9/2024 19:33	2/10/2024 9:00	806.28	0
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29848	2/9/2024 19:33	2/10/2024 9:00	806.5	0
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13912	2/9/2024 19:34	2/10/2024 9:00	805.5	0
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793690	2/9/2024 19:34	2/10/2024 9:00	805.28	0
627018	2/9/2024 19:34	2/10/2024 9:00	805.27	0
315169	2/9/2024 19:34	2/10/2024 9:00	805.5	0
567126	2/9/2024 19:34	2/10/2024 9:00	805.27	0
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624628	2/9/2024 19:34	2/10/2024 9:00	805.27	0
10510361	2/9/2024 19:34	2/10/2024 9:00	805.5	0
328113	2/9/2024 19:34	2/10/2024 9:00	805.5	0
1412757	2/9/2024 19:34	2/10/2024 9:00	805.65	0
1465882	2/9/2024 19:35	2/10/2024 9:00	804.32	0
801004	2/9/2024 19:35	2/10/2024 9:00	804.28	0
980398	2/9/2024 19:35	2/10/2024 9:00	804.1	0
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456084	2/9/2024 19:35	2/10/2024 9:00	804.27	0
1518000	2/9/2024 19:35	2/10/2024 9:00	804.32	0
587455	2/9/2024 19:35	2/10/2024 9:00	804.27	0
656498	2/9/2024 19:35	2/10/2024 9:00	804.28	0
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314188	2/9/2024 19:35	2/10/2024 9:00	804.5	0
26864	2/9/2024 19:35	2/10/2024 9:00	804.5	0
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800600	2/9/2024 19:35	2/10/2024 9:00	804.28	0
1321605	2/9/2024 19:36	2/10/2024 9:00	803.65	0
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188639	2/9/2024 19:36	2/10/2024 9:00	803.5	0
658837	2/9/2024 19:36	2/10/2024 9:00	803.28	0
183822	2/9/2024 19:36	2/10/2024 9:00	803.5	0
553863	2/9/2024 19:36	2/10/2024 9:00	803.27	0
327311	2/9/2024 19:36	2/10/2024 9:00	803.5	0
574596	2/9/2024 19:36	2/10/2024 9:00	803.27	0
193791	2/9/2024 19:36	2/10/2024 9:00	803.5	0
793737	2/9/2024 19:36	2/10/2024 9:00	803.28	0
266906	2/9/2024 19:36	2/10/2024 9:00	803.5	0
1672454	2/9/2024 19:36	2/10/2024 9:00	803.27	0
1415828	2/9/2024 19:36	2/10/2024 9:00	803.65	0
658642	2/9/2024 19:36	2/10/2024 9:00	803.28	0
281332	2/9/2024 19:36	2/10/2024 9:00	803.5	0
1349360	2/9/2024 19:36	2/10/2024 9:00	803.65	0
1493766	2/9/2024 19:36	2/10/2024 9:00	803.65	0
878149	2/9/2024 19:37	2/10/2024 9:00	802.28	0
197883	2/9/2024 19:37	2/10/2024 9:00	802.5	0
8674977	2/9/2024 19:37	2/10/2024 9:00	802.65	0
1683861	2/9/2024 19:37	2/10/2024 9:00	802.5	0
320966	2/9/2024 19:37	2/10/2024 9:00	802.5	0
275018	2/9/2024 19:37	2/10/2024 9:00	802.5	0
373273	2/9/2024 19:37	2/10/2024 9:00	802.27	0
510307	2/9/2024 19:37	2/10/2024 9:00	802.27	0
21306	2/9/2024 19:37	2/10/2024 9:00	802.5	0
1321114	2/9/2024 19:37	2/10/2024 9:00	802.65	0
26921	2/9/2024 19:37	2/10/2024 9:00	802.5	0
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68308	2/9/2024 19:37	2/10/2024 9:00	802.5	0
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330485	2/9/2024 19:37	2/10/2024 9:00	802.5	0
1556486	2/9/2024 19:37	2/10/2024 9:00	802.32	0
926505	2/9/2024 19:37	2/10/2024 9:00	802.28	0
328817	2/9/2024 19:37	2/10/2024 9:00	802.5	0
381982	2/9/2024 19:37	2/10/2024 9:00	802.27	0
7937779	2/9/2024 19:37	2/10/2024 9:00	802.65	0
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1701172	2/9/2024 19:38	2/10/2024 9:00	801.65	0
34905	2/9/2024 19:38	2/10/2024 9:00	801.5	0
6995795	2/9/2024 19:38	2/10/2024 9:00	801.27	0
1466638	2/9/2024 19:38	2/10/2024 8:19	761	0
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1320619	2/9/2024 19:38	2/10/2024 9:00	801.65	0

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957615	2/9/2024 19:38	2/10/2024 9:00	801.1	0
1430294	2/9/2024 19:38	2/10/2024 9:00	801.32	0
8590289	2/9/2024 19:38	2/10/2024 9:00	801.27	0
1515964	2/9/2024 19:38	2/10/2024 9:00	801.32	0
927251	2/9/2024 19:38	2/10/2024 9:00	801.28	0
267537	2/9/2024 19:38	2/10/2024 9:00	801.5	0
660265	2/9/2024 19:38	2/10/2024 9:00	801.28	0
1415622	2/9/2024 19:38	2/10/2024 9:00	801.65	0
1516432	2/9/2024 19:38	2/10/2024 9:00	801.32	0
11435788	2/9/2024 19:38	2/10/2024 9:00	801.5	0
605186	2/9/2024 19:38	2/10/2024 9:00	801.27	0
265473	2/9/2024 19:38	2/10/2024 9:00	801.5	0
511266	2/9/2024 19:38	2/10/2024 9:00	801.27	0
197561	2/9/2024 19:38	2/10/2024 9:00	801.5	0
1041597	2/9/2024 19:38	2/10/2024 9:00	801.1	0
451783	2/9/2024 19:39	2/10/2024 9:00	800.27	0
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1074779	2/9/2024 19:39	2/10/2024 9:00	800.27	0
280780	2/9/2024 19:39	2/10/2024 9:00	800.5	0
281056	2/9/2024 19:39	2/10/2024 9:00	800.5	0
1466357	2/9/2024 19:39	2/10/2024 9:00	800.32	0
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980870	2/9/2024 19:39	2/10/2024 9:00	800.1	0
1324274	2/9/2024 19:39	2/10/2024 9:00	800.65	0
982261	2/9/2024 19:39	2/10/2024 9:00	800.1	0
323747	2/9/2024 19:39	2/10/2024 9:00	800.5	0
918098	2/9/2024 19:39	2/10/2024 9:00	800.28	0
1547686	2/9/2024 19:39	2/10/2024 9:00	800.32	0
627289	2/9/2024 19:39	2/10/2024 9:00	800.27	0
34887	2/9/2024 19:39	2/10/2024 9:00	800.5	0
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30471	2/9/2024 19:40	2/10/2024 9:00	799.5	0
792391	2/9/2024 19:40	2/10/2024 9:00	799.28	0
1556434	2/9/2024 19:40	2/10/2024 9:00	799.32	0
267439	2/9/2024 19:40	2/10/2024 9:00	799.5	0
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975066	2/9/2024 19:40	2/10/2024 9:00	799.1	0
197629	2/9/2024 19:40	2/10/2024 9:00	799.5	0
329546	2/9/2024 19:40	2/10/2024 9:00	799.5	0
570022	2/9/2024 19:40	2/10/2024 9:00	799.27	0
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13876	2/9/2024 19:40	2/10/2024 9:00	799.5	0
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1535304	2/9/2024 19:41	2/10/2024 9:00	798.32	0
521348	2/9/2024 19:41	2/10/2024 9:00	798.28	0
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1543009	2/9/2024 19:41	2/10/2024 9:00	798.32	0
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6828301	2/9/2024 19:41	2/10/2024 9:00	798.5	0
1556246	2/9/2024 19:41	2/10/2024 9:00	798.32	0
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68620	2/9/2024 19:41	2/10/2024 9:00	798.5	0
1310926	2/9/2024 19:41	2/10/2024 9:00	798.65	0
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14605	2/9/2024 19:42	2/10/2024 9:00	797.5	0
1251782	2/9/2024 19:42	2/10/2024 9:00	797.28	0
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7178975	2/9/2024 19:42	2/10/2024 9:00	797.5	0
8950281	2/9/2024 19:42	2/10/2024 9:00	797.5	0
1511532	2/9/2024 19:42	2/10/2024 9:00	797.32	0
1421188	2/9/2024 19:42	2/10/2024 9:00	797.65	0
1672745	2/9/2024 19:42	2/10/2024 9:00	797.27	0
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1547692	2/9/2024 19:42	2/10/2024 9:00	797.32	0
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1432940	2/9/2024 19:42	2/10/2024 7:52	730	0
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281235	2/9/2024 19:42	2/10/2024 9:00	797.5	0
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280364	2/9/2024 19:43	2/10/2024 9:00	796.5	0
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1594081	2/9/2024 19:43	2/10/2024 9:00	796.32	0
1349083	2/9/2024 19:43	2/10/2024 9:00	796.65	0
1351588	2/9/2024 19:43	2/10/2024 9:00	796.65	0
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1594192	2/9/2024 19:44	2/10/2024 9:00	795.32	0
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317084	2/9/2024 19:44	2/10/2024 9:00	795.5	0
1493132	2/9/2024 19:44	2/10/2024 8:57	793	0
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308622	2/9/2024 19:45	2/10/2024 9:00	794.5	0
1517239	2/9/2024 19:45	2/10/2024 9:00	794.32	0
642003	2/9/2024 19:45	2/10/2024 9:00	794.27	0
1516786	2/9/2024 19:45	2/10/2024 9:00	794.32	0
27443	2/9/2024 19:45	2/10/2024 9:00	794.5	0
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1348976	2/9/2024 19:45	2/10/2024 9:00	794.65	0
8495802	2/9/2024 19:45	2/10/2024 9:00	794.32	0
1416360	2/9/2024 19:46	2/10/2024 9:00	793.65	0
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1535397	2/9/2024 19:46	2/10/2024 9:00	793.32	0
1565203	2/9/2024 19:46	2/10/2024 8:11	745	0
1349626	2/9/2024 19:46	2/10/2024 9:00	793.65	0
1503507	2/9/2024 19:46	2/10/2024 9:00	793.65	0
1551513	2/9/2024 19:46	2/10/2024 9:00	793.32	0
226164	2/9/2024 19:46	2/10/2024 9:00	793.5	0
9063373	2/9/2024 19:46	2/10/2024 9:00	793.65	0
1394365	2/9/2024 19:46	2/10/2024 9:00	793.65	0
11628	2/9/2024 19:47	2/10/2024 9:00	792.5	0
1641091	2/9/2024 19:47	2/10/2024 9:00	792.32	0
9399863	2/9/2024 19:48	2/10/2024 9:00	791.5	0
353728	2/9/2024 19:49	2/9/2024 22:00	131	0
1594635	2/9/2024 19:49	2/10/2024 9:00	790.32	0
1517747	2/9/2024 19:49	2/10/2024 9:00	790.32	0
1517291	2/9/2024 19:49	2/10/2024 9:00	790.32	0
792446	2/9/2024 20:12	2/10/2024 9:00	767.28	0
1394324	2/9/2024 20:43	2/10/2024 9:00	736.65	0
373278	2/9/2024 21:23	2/10/2024 9:00	696.27	0
989956	2/9/2024 21:25	2/10/2024 9:00	694.1	0
1434359	2/9/2024 21:40	2/10/2024 9:00	679.32	0

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1604432	2/10/2024 1:46	2/10/2024 8:04	378	0
326028	2/10/2024 4:04	2/10/2024 6:04	120	0
326028	2/10/2024 6:04	2/10/2024 9:00	175.5	0
1432940	2/10/2024 7:52	2/10/2024 9:00	67.32	0
1433348	2/10/2024 7:56	2/10/2024 9:00	63.32	0
1444809	2/10/2024 7:58	2/10/2024 9:00	61.32	0
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1565203	2/10/2024 8:11	2/10/2024 9:00	48.32	0
1466445	2/10/2024 8:12	2/10/2024 9:00	47.32	0
1567316	2/10/2024 8:15	2/10/2024 9:00	44.32	0
1466638	2/10/2024 8:19	2/10/2024 9:00	40.32	0
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588892	2/10/2024 8:44	2/10/2024 9:00	15.27	0
664030	2/10/2024 8:45	2/10/2024 8:56	11	0
664030	2/10/2024 8:56	2/10/2024 9:00	3.28	0
1493132	2/10/2024 8:57	2/10/2024 9:00	2.65	0
1348731	2/10/2024 9:00	2/11/2024 9:00	1439.65	0
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1422300	2/10/2024 9:00	2/11/2024 9:00	1439.65	0
1704044	2/10/2024 9:00	2/11/2024 9:00	1439.65	0
554089	2/10/2024 9:00	2/11/2024 9:00	1439.27	0
447406	2/10/2024 9:00	2/11/2024 9:00	1439.27	0
1349766	2/10/2024 9:00	2/10/2024 16:26	446	0
509233	2/10/2024 9:00	2/10/2024 12:09	189	0
980398	2/10/2024 9:00	2/10/2024 10:38	98	0
1352388	2/10/2024 9:00	2/11/2024 9:00	1439.65	0
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7937779	2/10/2024 9:00	2/10/2024 10:30	90	0
8950281	2/10/2024 9:00	2/11/2024 8:19	1399	0
945898	2/10/2024 9:00	2/11/2024 9:00	1439.28	0
1366197	2/10/2024 9:00	2/11/2024 9:00	1439.65	0
1516786	2/10/2024 9:00	2/11/2024 9:00	1439.32	0
1414392	2/10/2024 9:01	2/11/2024 9:00	1438.65	0
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8668965	2/10/2024 9:06	2/10/2024 14:53	347	0
319279	2/10/2024 9:06	2/11/2024 9:00	1433.5	0
562202	2/10/2024 9:06	2/11/2024 9:00	1433.27	0
1288420	2/10/2024 9:06	2/11/2024 9:00	1433.65	0
5834752	2/10/2024 9:07	2/11/2024 9:00	1432.5	0
1333801	2/10/2024 9:07	2/10/2024 19:17	610	0
1433348	2/10/2024 9:09	2/10/2024 19:39	630	0

324290	2/10/2024 9:10	2/10/2024 11:53	163	0
1432940	2/10/2024 9:11	2/10/2024 19:36	625	0
1444809	2/10/2024 9:11	2/10/2024 19:31	620	0
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588892	2/10/2024 9:15	2/10/2024 19:19	604	0
726904	2/10/2024 9:16	2/11/2024 9:00	1423.28	0
860281	2/10/2024 9:22	2/10/2024 19:31	609	0
1466638	2/10/2024 9:22	2/10/2024 19:26	604	0
1469270	2/10/2024 9:24	2/10/2024 19:33	609	0
1469850	2/10/2024 9:32	2/10/2024 19:30	598	0
10393495	2/10/2024 9:33	2/10/2024 14:22	289	0.46
275018	2/10/2024 9:33	2/10/2024 14:22	289	0
1604432	2/10/2024 9:34	2/10/2024 15:57	383	0
324249	2/10/2024 9:36	2/10/2024 11:53	137	0
325050	2/10/2024 9:38	2/10/2024 11:50	132	0
664453	2/10/2024 9:38	2/10/2024 14:27	289	0
323747	2/10/2024 9:39	2/10/2024 11:50	131	0
1321605	2/10/2024 9:41	2/10/2024 14:09	268	0
1466445	2/10/2024 9:41	2/10/2024 19:34	593	0
1701172	2/10/2024 9:52	2/10/2024 14:09	257	0
1446401	2/10/2024 9:56	2/10/2024 19:31	575	0
8486022	2/10/2024 9:56	2/10/2024 19:34	578	0
1430294	2/10/2024 10:04	2/10/2024 19:31	567	0
1077082	2/10/2024 10:05	2/10/2024 19:37	572	0
1394365	2/10/2024 10:06	2/10/2024 14:18	252	0
642003	2/10/2024 10:06	2/10/2024 19:44	578	0
8972545	2/10/2024 10:06	2/10/2024 19:32	566	0
9063373	2/10/2024 10:07	2/10/2024 14:19	252	0
317195	2/10/2024 10:07	2/10/2024 19:34	567	0
1394324	2/10/2024 10:07	2/10/2024 10:38	31	0
1518000	2/10/2024 10:07	2/10/2024 11:52	105	0
317797	2/10/2024 10:08	2/10/2024 19:57	589	0
1552154	2/10/2024 10:09	2/10/2024 19:36	567	0
664030	2/10/2024 10:09	2/10/2024 10:15	6	0
317233	2/10/2024 10:09	2/10/2024 19:33	564	0
315345	2/10/2024 10:09	2/10/2024 20:03	594	0
1319739	2/10/2024 10:09	2/11/2024 9:00	1370.65	0
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957615	2/10/2024 10:11	2/10/2024 11:45	94	0
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1251782	2/10/2024 10:14	2/10/2024 19:41	567	0
1576533	2/10/2024 10:15	2/10/2024 19:43	568	0
1515964	2/10/2024 10:15	2/10/2024 19:42	567	0
664030	2/10/2024 10:15	2/10/2024 10:25	10	0

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997397	2/10/2024 10:17	2/10/2024 11:33	76	0
1415828	2/10/2024 10:18	2/11/2024 9:00	1361.65	0
772378	2/10/2024 10:21	2/10/2024 19:38	557	0
1463680	2/10/2024 10:23	2/10/2024 19:29	546	0
664030	2/10/2024 10:25	2/10/2024 10:30	5	0
1463520	2/10/2024 10:27	2/10/2024 19:34	547	0
7937779	2/10/2024 10:30	2/10/2024 14:00	210	0
10433250	2/10/2024 10:30	2/10/2024 14:00	210	0
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500173	2/10/2024 10:36	2/10/2024 19:32	536	0
498070	2/10/2024 10:37	2/10/2024 19:37	540	0
980398	2/10/2024 10:38	2/10/2024 19:13	515	0
1394324	2/10/2024 10:38	2/10/2024 10:49	11	0
324045	2/10/2024 10:38	2/10/2024 11:51	73	0
1431752	2/10/2024 10:38	2/10/2024 19:33	535	0
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315169	2/10/2024 10:42	2/10/2024 10:59	17	0
1466357	2/10/2024 10:42	2/10/2024 19:32	530	0
314188	2/10/2024 10:43	2/10/2024 10:59	16	0
1393699	2/10/2024 10:44	2/10/2024 11:15	31	0
7178975	2/10/2024 10:45	2/10/2024 11:01	16	0
1567514	2/10/2024 10:46	2/10/2024 11:44	58	0
1434359	2/10/2024 10:48	2/10/2024 10:53	5	0
49209	2/10/2024 10:49	2/10/2024 19:34	525	0
1394324	2/10/2024 10:49	2/10/2024 14:19	210	0
196408	2/10/2024 10:49	2/10/2024 19:34	525	0
1683861	2/10/2024 10:50	2/10/2024 20:00	550	0
197883	2/10/2024 10:51	2/10/2024 19:35	524	0
487441	2/10/2024 10:51	2/10/2024 11:33	42	0
489481	2/10/2024 10:52	2/10/2024 11:33	41	0
195839	2/10/2024 10:52	2/10/2024 19:34	522	0
486693	2/10/2024 10:52	2/10/2024 11:34	42	0
197561	2/10/2024 10:52	2/10/2024 19:36	524	0
574596	2/10/2024 10:52	2/10/2024 11:37	45	0
1434359	2/10/2024 10:53	2/10/2024 14:18	205	0
549259	2/10/2024 10:53	2/10/2024 19:34	521	0
197629	2/10/2024 10:54	2/10/2024 19:41	527	0
810130	2/10/2024 10:55	2/11/2024 9:00	1324.28	0
574993	2/10/2024 10:55	2/10/2024 11:00	5	0
10371746	2/10/2024 10:57	2/10/2024 19:37	520	0
808384	2/10/2024 10:57	2/11/2024 9:00	1322.28	0
21306	2/10/2024 10:57	2/10/2024 11:54	57	0
315730	2/10/2024 10:57	2/10/2024 14:27	210	0

1493132	2/10/2024 10:58	2/10/2024 11:29	31	0
315169	2/10/2024 10:59	2/10/2024 14:28	209	0
456084	2/10/2024 10:59	2/10/2024 19:34	515	0
314188	2/10/2024 10:59	2/10/2024 14:29	210	0
574993	2/10/2024 11:00	2/10/2024 11:05	5	0
7178975	2/10/2024 11:01	2/10/2024 14:31	210	0
267537	2/10/2024 11:03	2/10/2024 14:22	199	0
456099	2/10/2024 11:04	2/10/2024 11:20	16	0
574993	2/10/2024 11:05	2/10/2024 11:10	5	0
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486880	2/10/2024 11:06	2/11/2024 9:00	1313.27	0
1672784	2/10/2024 11:06	2/11/2024 9:00	1313.27	0
1704232	2/10/2024 11:06	2/10/2024 19:35	509	0
454861	2/10/2024 11:06	2/10/2024 11:22	16	0
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553863	2/10/2024 11:08	2/10/2024 19:32	504	0
197356	2/10/2024 11:08	2/10/2024 19:43	515	0
127206	2/10/2024 11:10	2/11/2024 9:00	1309.5	0
574993	2/10/2024 11:10	2/10/2024 11:21	11	0
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957216	2/10/2024 11:13	2/10/2024 11:44	31	0
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353728	2/10/2024 11:13	2/10/2024 11:34	21	0
1019446	2/10/2024 11:13	2/10/2024 19:20	487	0
956125	2/10/2024 11:14	2/10/2024 11:40	26	0
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1553525	2/10/2024 11:20	2/10/2024 19:34	494	0
456099	2/10/2024 11:20	2/10/2024 11:37	17	0
1672454	2/10/2024 11:21	2/10/2024 19:34	493	0
574993	2/10/2024 11:21	2/10/2024 11:26	5	0
454861	2/10/2024 11:22	2/10/2024 11:33	11	0
1546695	2/10/2024 11:23	2/10/2024 19:36	493	0
574993	2/10/2024 11:26	2/10/2024 11:37	11	0
1493132	2/10/2024 11:29	2/10/2024 14:01	152	0
328113	2/10/2024 11:30	2/11/2024 9:00	1289.5	0
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315169	2/10/2024 14:28	2/10/2024 14:44	16	0
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574993	2/10/2024 14:35	2/10/2024 14:40	5	0
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281235	2/10/2024 14:37	2/10/2024 19:41	304	0
664030	2/10/2024 14:37	2/10/2024 14:42	5	0
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323747	2/10/2024 14:38	2/10/2024 19:41	303	0
275018	2/10/2024 14:38	2/10/2024 19:36	298	0
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800590	2/10/2024 14:38	2/10/2024 15:20	42	0
567126	2/10/2024 14:39	2/10/2024 19:38	299	0
801004	2/10/2024 14:39	2/10/2024 15:21	42	0
1093833	2/10/2024 14:39	2/10/2024 19:33	294	0
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574993	2/10/2024 15:12	2/10/2024 15:54	42	0
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801004	2/10/2024 15:21	2/10/2024 19:39	258	0
198082	2/10/2024 15:22	2/10/2024 19:39	257	0
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193420	2/10/2024 15:53	2/11/2024 9:00	1026.5	0
574993	2/10/2024 15:54	2/10/2024 15:59	5	0
1511532	2/10/2024 15:55	2/10/2024 19:40	225	0
664030	2/10/2024 15:56	2/10/2024 16:01	5	0
1604432	2/10/2024 15:57	2/10/2024 16:02	5	0
574993	2/10/2024 15:59	2/10/2024 16:10	11	0
664030	2/10/2024 16:01	2/10/2024 16:12	11	0
1493132	2/10/2024 16:02	2/10/2024 16:28	26	0
1604432	2/10/2024 16:02	2/11/2024 2:00	598	0
1394365	2/10/2024 16:03	2/10/2024 19:44	221	0

9063373	2/10/2024 16:04	2/10/2024 19:44	220	0
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664030	2/10/2024 16:12	2/10/2024 16:17	5	0
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664030	2/10/2024 16:17	2/10/2024 16:27	10	0
982261	2/10/2024 16:18	2/10/2024 19:32	194	0
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740241	2/10/2024 16:22	2/11/2024 9:00	997.28	0
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664030	2/10/2024 16:27	2/10/2024 16:33	6	0
1349083	2/10/2024 16:28	2/10/2024 19:42	194	0
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574993	2/10/2024 16:36	2/10/2024 16:41	5	0
664030	2/10/2024 16:38	2/10/2024 16:43	5	0
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664030	2/10/2024 16:43	2/10/2024 16:54	11	0
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664030	2/10/2024 16:54	2/10/2024 16:59	5	0
574993	2/10/2024 16:57	2/11/2024 9:00	962.27	0
664030	2/10/2024 16:59	2/10/2024 17:25	26	0
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1333801	2/10/2024 19:17	2/11/2024 9:00	822.65	0
997397	2/10/2024 19:18	2/11/2024 9:00	821.1	0
1321114	2/10/2024 19:18	2/11/2024 9:00	821.65	0
955448	2/10/2024 19:19	2/11/2024 9:00	820.1	0
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1019446	2/10/2024 19:20	2/11/2024 9:00	819.1	0
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956125	2/10/2024 19:22	2/11/2024 9:00	817.1	0

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793690	2/10/2024 19:27	2/11/2024 9:00	812.28	0
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1393699	2/10/2024 19:28	2/11/2024 9:00	811.65	0
1463680	2/10/2024 19:29	2/11/2024 9:00	810.32	0
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10303796	2/10/2024 19:31	2/11/2024 9:00	808.5	0
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1556486	2/10/2024 19:31	2/11/2024 9:00	808.32	0
860281	2/10/2024 19:31	2/11/2024 9:00	808.28	0
1556352	2/10/2024 19:31	2/11/2024 9:00	808.32	0
1041597	2/10/2024 19:31	2/11/2024 9:00	808.1	0
8668965	2/10/2024 19:31	2/11/2024 9:00	808.27	0
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664453	2/10/2024 19:31	2/11/2024 9:00	808.28	0
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975066	2/10/2024 19:31	2/11/2024 9:00	808.1	0
1393633	2/10/2024 19:31	2/11/2024 9:00	808.65	0
1466357	2/10/2024 19:32	2/11/2024 9:00	807.32	0
500173	2/10/2024 19:32	2/11/2024 9:00	807.27	0
375117	2/10/2024 19:32	2/11/2024 9:00	807.27	0
1513363	2/10/2024 19:32	2/11/2024 9:00	807.32	0
8502011	2/10/2024 19:32	2/11/2024 9:00	807.5	0
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982261	2/10/2024 19:32	2/11/2024 9:00	807.1	0
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800590	2/10/2024 19:32	2/11/2024 9:00	807.28	0
8972545	2/10/2024 19:32	2/11/2024 9:00	807.27	0
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926657	2/10/2024 19:33	2/11/2024 9:00	806.28	0
315169	2/10/2024 19:33	2/11/2024 9:00	806.5	0
1431752	2/10/2024 19:33	2/11/2024 9:00	806.32	0
317233	2/10/2024 19:33	2/11/2024 9:00	806.5	0
800588	2/10/2024 19:33	2/11/2024 9:00	806.28	0
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281332	2/10/2024 19:33	2/11/2024 9:00	806.5	0

1597556	2/10/2024 19:33	2/11/2024 9:00	806.32	0
317195	2/10/2024 19:34	2/11/2024 9:00	805.5	0
196408	2/10/2024 19:34	2/11/2024 9:00	805.5	0
1672454	2/10/2024 19:34	2/11/2024 9:00	805.27	0
41508	2/10/2024 19:34	2/11/2024 9:00	805.5	0
571143	2/10/2024 19:34	2/11/2024 9:00	805.27	0
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8486022	2/10/2024 19:34	2/11/2024 9:00	805.32	0
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1466445	2/10/2024 19:34	2/11/2024 8:08	754	0
552210	2/10/2024 19:34	2/11/2024 9:00	805.27	0
195839	2/10/2024 19:34	2/11/2024 9:00	805.5	0
1518000	2/10/2024 19:34	2/11/2024 9:00	805.32	0
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197883	2/10/2024 19:35	2/11/2024 9:00	804.5	0
1349766	2/10/2024 19:35	2/11/2024 9:00	804.65	0
1493766	2/10/2024 19:35	2/11/2024 9:00	804.65	0
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21306	2/10/2024 19:35	2/11/2024 9:00	804.5	0
507365	2/10/2024 19:35	2/11/2024 9:00	804.27	0
8434548	2/10/2024 19:35	2/11/2024 9:00	804.5	0
1557303	2/10/2024 19:35	2/11/2024 9:00	804.32	0
8511623	2/10/2024 19:35	2/11/2024 9:00	804.5	0
506261	2/10/2024 19:35	2/11/2024 9:00	804.27	0
335362	2/10/2024 19:35	2/11/2024 9:00	804.5	0
274522	2/10/2024 19:35	2/11/2024 9:00	804.5	0
1704232	2/10/2024 19:35	2/11/2024 9:00	804.65	0
373278	2/10/2024 19:36	2/11/2024 9:00	803.27	0
275018	2/10/2024 19:36	2/11/2024 9:00	803.5	0
1552154	2/10/2024 19:36	2/11/2024 9:00	803.32	0
197561	2/10/2024 19:36	2/11/2024 9:00	803.5	0
330485	2/10/2024 19:36	2/11/2024 9:00	803.5	0
1567514	2/10/2024 19:36	2/11/2024 9:00	803.32	0
373273	2/10/2024 19:36	2/11/2024 9:00	803.27	0
1546695	2/10/2024 19:36	2/11/2024 9:00	803.32	0
1432940	2/10/2024 19:36	2/11/2024 7:51	735	0
279833	2/10/2024 19:36	2/11/2024 9:00	803.5	0
7937779	2/10/2024 19:36	2/11/2024 9:00	803.65	0
8590289	2/10/2024 19:36	2/11/2024 9:00	803.27	0
1513398	2/10/2024 19:36	2/11/2024 9:00	803.32	0
498070	2/10/2024 19:37	2/11/2024 9:00	802.27	0
10371746	2/10/2024 19:37	2/11/2024 9:00	802.27	0
511266	2/10/2024 19:37	2/11/2024 9:00	802.27	0
276488	2/10/2024 19:37	2/11/2024 9:00	802.5	0

353082	2/10/2024 19:37	2/11/2024 9:00	802.5	0
1077082	2/10/2024 19:37	2/11/2024 9:00	802.27	0
314945	2/10/2024 19:37	2/11/2024 9:00	802.5	0
574596	2/10/2024 19:37	2/11/2024 9:00	802.27	0
267537	2/10/2024 19:37	2/11/2024 9:00	802.5	0
489481	2/10/2024 19:37	2/11/2024 9:00	802.27	0
315346	2/10/2024 19:37	2/11/2024 9:00	802.5	0
451783	2/10/2024 19:37	2/11/2024 9:00	802.27	0
772378	2/10/2024 19:38	2/11/2024 9:00	801.27	0
567126	2/10/2024 19:38	2/11/2024 9:00	801.27	0
509233	2/10/2024 19:38	2/11/2024 9:00	801.27	0
486693	2/10/2024 19:38	2/11/2024 9:00	801.27	0
381338	2/10/2024 19:38	2/11/2024 9:00	801.27	0
1412757	2/10/2024 19:38	2/11/2024 9:00	801.65	0
314188	2/10/2024 19:38	2/11/2024 9:00	801.5	0
198082	2/10/2024 19:39	2/11/2024 9:00	800.5	0
12378019	2/10/2024 19:39	2/11/2024 9:00	800.5	0
11081884	2/10/2024 19:39	2/11/2024 9:00	800.5	0
801004	2/10/2024 19:39	2/11/2024 9:00	800.28	0
1567316	2/10/2024 19:39	2/11/2024 8:28	769	0
1433348	2/10/2024 19:39	2/11/2024 7:54	735	0
329546	2/10/2024 19:40	2/11/2024 9:00	799.5	0
281056	2/10/2024 19:40	2/11/2024 9:00	799.5	0
324290	2/10/2024 19:40	2/11/2024 9:00	799.5	0
324249	2/10/2024 19:40	2/11/2024 9:00	799.5	0
280364	2/10/2024 19:40	2/11/2024 9:00	799.5	0
1511532	2/10/2024 19:40	2/11/2024 9:00	799.32	0
323747	2/10/2024 19:41	2/11/2024 9:00	798.5	0
1554218	2/10/2024 19:41	2/11/2024 9:00	798.32	0
281235	2/10/2024 19:41	2/11/2024 9:00	798.5	0
353371	2/10/2024 19:41	2/11/2024 9:00	798.5	0
445201	2/10/2024 19:41	2/11/2024 9:00	798.27	0
197629	2/10/2024 19:41	2/11/2024 9:00	798.5	0
8148103	2/10/2024 19:41	2/11/2024 9:00	798.5	0
7178975	2/10/2024 19:41	2/11/2024 9:00	798.5	0
1251782	2/10/2024 19:41	2/11/2024 9:00	798.28	0
1421188	2/10/2024 19:41	2/11/2024 9:00	798.65	0
1515678	2/10/2024 19:41	2/11/2024 9:00	798.32	0
325050	2/10/2024 19:42	2/11/2024 9:00	797.5	0
1433906	2/10/2024 19:42	2/11/2024 9:00	797.32	0
1515964	2/10/2024 19:42	2/11/2024 9:00	797.32	0
10393495	2/10/2024 19:42	2/11/2024 9:00	797.5	0
1349083	2/10/2024 19:42	2/11/2024 9:00	797.65	0
8495805	2/10/2024 19:42	2/11/2024 9:00	797.27	0
1493132	2/10/2024 19:43	2/11/2024 8:28	765	0
315730	2/10/2024 19:43	2/11/2024 9:00	796.5	0
1556434	2/10/2024 19:43	2/11/2024 9:00	796.32	0

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1556243	2/10/2024 19:43	2/11/2024 9:00	796.32	0
8068454	2/10/2024 19:43	2/11/2024 9:00	796.27	0
197356	2/10/2024 19:43	2/11/2024 9:00	796.5	0
8495802	2/10/2024 19:44	2/11/2024 9:00	795.32	0
9063373	2/10/2024 19:44	2/11/2024 9:00	795.65	0
642003	2/10/2024 19:44	2/11/2024 9:00	795.27	0
1394365	2/10/2024 19:44	2/11/2024 9:00	795.65	0
1565203	2/10/2024 19:44	2/11/2024 8:32	768	0
1348976	2/10/2024 19:44	2/11/2024 9:00	795.65	0
324045	2/10/2024 19:44	2/11/2024 9:00	795.5	0
6583289	2/10/2024 19:44	2/11/2024 9:00	795.5	0
9399863	2/10/2024 19:46	2/11/2024 9:00	793.5	0
353728	2/10/2024 19:47	2/11/2024 1:07	320	0
317797	2/10/2024 19:57	2/11/2024 9:00	782.5	0
280780	2/10/2024 19:59	2/11/2024 9:00	780.5	0
1683861	2/10/2024 20:00	2/11/2024 9:00	779.5	0
315345	2/10/2024 20:03	2/11/2024 9:00	776.5	0
454861	2/10/2024 20:13	2/11/2024 9:00	766.27	0
1394324	2/10/2024 20:43	2/11/2024 9:00	736.65	0
353728	2/11/2024 1:07	2/11/2024 1:23	16	0
353728	2/11/2024 1:23	2/11/2024 2:26	63	0
1604432	2/11/2024 2:00	2/11/2024 9:00	419.32	0
353728	2/11/2024 2:26	2/11/2024 9:00	393.5	0
1432940	2/11/2024 7:51	2/11/2024 9:00	68.32	0
1433348	2/11/2024 7:54	2/11/2024 9:00	65.32	0
1466445	2/11/2024 8:08	2/11/2024 9:00	51.32	0
8950281	2/11/2024 8:19	2/11/2024 9:00	40.5	0
1493132	2/11/2024 8:28	2/11/2024 9:00	31.65	0
1444809	2/11/2024 8:28	2/11/2024 9:00	31.32	0
1567316	2/11/2024 8:28	2/11/2024 9:00	31.32	0
1565203	2/11/2024 8:32	2/11/2024 9:00	27.32	0
1351588	2/11/2024 8:42	2/11/2024 9:00	17.65	0
1020387	2/11/2024 8:45	2/11/2024 9:00	14.1	0
1350104	2/11/2024 8:54	2/11/2024 9:00	5.65	0
7937779	2/11/2024 9:00	2/11/2024 11:50	170	0
319279	2/11/2024 9:00	2/12/2024 9:00	1439.5	0
1348731	2/11/2024 9:00	2/11/2024 11:26	146	0
447406	2/11/2024 9:00	2/12/2024 9:00	1439.27	0
574993	2/11/2024 9:00	2/11/2024 10:06	66	0
8668965	2/11/2024 9:00	2/12/2024 9:00	1439.27	0
1516786	2/11/2024 9:00	2/12/2024 9:00	1439.32	0
1453263	2/11/2024 9:00	2/11/2024 11:11	131	0
664030	2/11/2024 9:00	2/11/2024 10:23	83	0
1422300	2/11/2024 9:00	2/12/2024 9:00	1439.65	0
8950281	2/11/2024 9:00	2/11/2024 19:41	641	0

1352388	2/11/2024 9:00	2/12/2024 9:00	1439.65	0
1444809	2/11/2024 9:00	2/11/2024 19:39	639	0
1704044	2/11/2024 9:00	2/12/2024 9:00	1439.65	0
280780	2/11/2024 9:00	2/12/2024 9:00	1439.5	0
1333801	2/11/2024 9:00	2/11/2024 10:08	68	0
324290	2/11/2024 9:00	2/11/2024 11:38	158	0
509233	2/11/2024 9:00	2/11/2024 10:06	66	0
7178975	2/11/2024 9:01	2/11/2024 10:04	63	0
121200	2/11/2024 9:06	2/11/2024 14:10	304	0
493479	2/11/2024 9:06	2/11/2024 19:11	605	0
1433348	2/11/2024 9:07	2/11/2024 19:47	640	0
1366197	2/11/2024 9:07	2/12/2024 9:00	1432.65	0
1516579	2/11/2024 9:07	2/12/2024 9:00	1432.32	0
554089	2/11/2024 9:07	2/12/2024 9:00	1432.27	0
1288420	2/11/2024 9:07	2/11/2024 12:27	200	0
562202	2/11/2024 9:07	2/12/2024 9:00	1432.27	0
1351588	2/11/2024 9:08	2/11/2024 19:49	641	0
1394324	2/11/2024 9:08	2/11/2024 19:48	640	0
1350104	2/11/2024 9:09	2/11/2024 19:39	630	0
1432940	2/11/2024 9:10	2/11/2024 19:45	635	0
1393699	2/11/2024 9:11	2/11/2024 19:31	620	0
1466638	2/11/2024 9:11	2/11/2024 14:04	293	0
980398	2/11/2024 9:14	2/11/2024 14:18	304	0
324249	2/11/2024 9:23	2/11/2024 11:45	142	0
323747	2/11/2024 9:24	2/11/2024 11:37	133	0
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574993	2/11/2024 10:53	2/11/2024 10:59	6	0
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127206	2/11/2024 11:10	2/12/2024 9:00	1309.5	0
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446329	2/11/2024 11:31	2/11/2024 15:17	226	0
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324045	2/11/2024 11:35	2/11/2024 12:22	47	0.03
330528	2/11/2024 11:35	2/11/2024 12:17	42	0
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1518000	2/11/2024 11:36	2/11/2024 13:53	137	0
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1378273	2/11/2024 11:43	2/11/2024 11:58	15	0
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997397	2/11/2024 11:46	2/11/2024 14:34	168	0
1567514	2/11/2024 11:47	2/11/2024 12:44	57	0
456084	2/11/2024 11:47	2/11/2024 12:34	47	0
1567316	2/11/2024 11:47	2/11/2024 12:45	58	0
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860281	2/11/2024 12:05	2/11/2024 19:36	451	0
10433250	2/11/2024 12:05	2/11/2024 12:15	10	0
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975066	2/11/2024 12:25	2/11/2024 19:41	436	0
324290	2/11/2024 12:26	2/11/2024 14:26	120	0
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328113	2/11/2024 12:28	2/11/2024 19:39	431	0
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1288420	2/11/2024 12:32	2/11/2024 13:56	84	0
456084	2/11/2024 12:34	2/11/2024 14:19	105	0
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1567514	2/11/2024 12:44	2/11/2024 14:29	105	0
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588892	2/11/2024 12:48	2/11/2024 19:32	404	0
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574596	2/11/2024 14:07	2/11/2024 14:22	15	0
1437071	2/11/2024 14:07	2/11/2024 14:23	16	0
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574993	2/11/2024 14:08	2/11/2024 14:13	5	0

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574993	2/11/2024 14:13	2/11/2024 14:23	10	0
1567316	2/11/2024 14:14	2/11/2024 14:30	16	0
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1288420	2/11/2024 14:17	2/11/2024 14:43	26	0
980398	2/11/2024 14:18	2/11/2024 14:29	11	0
1604432	2/11/2024 14:18	2/11/2024 14:34	16	0
456084	2/11/2024 14:19	2/11/2024 14:30	11	0
275018	2/11/2024 14:19	2/11/2024 14:37	18	0
397349	2/11/2024 14:20	2/11/2024 14:35	15	0
1412757	2/11/2024 14:20	2/11/2024 14:36	16	0
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454861	2/11/2024 14:21	2/11/2024 14:36	15	0
574596	2/11/2024 14:22	2/11/2024 14:37	15	0
10393495	2/11/2024 14:22	2/11/2024 14:38	16	0
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456099	2/11/2024 14:22	2/11/2024 14:32	10	0
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8524544	2/11/2024 14:26	2/11/2024 19:36	310	0
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324249	2/11/2024 14:27	2/11/2024 14:43	16	0
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324045	2/11/2024 14:28	2/11/2024 14:44	16	0
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980398	2/11/2024 14:29	2/11/2024 14:45	16	0

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323747	2/11/2024 14:30	2/11/2024 14:46	16	0
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574596	2/11/2024 14:37	2/11/2024 19:37	300	0
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1320619	2/11/2024 14:40	2/11/2024 14:45	5	0
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567126	2/11/2024 14:41	2/11/2024 19:35	294	0
324290	2/11/2024 14:42	2/11/2024 19:31	289	0
324249	2/11/2024 14:43	2/11/2024 15:14	31	0
1288420	2/11/2024 14:43	2/11/2024 14:48	5	0
7937779	2/11/2024 14:43	2/11/2024 19:37	294	0
325050	2/11/2024 14:43	2/11/2024 19:36	293	0
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1503634	2/11/2024 14:48	2/11/2024 19:34	286	0

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793690	2/11/2024 14:57	2/11/2024 19:35	278	0
981933	2/11/2024 15:00	2/11/2024 19:33	273	0
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281235	2/11/2024 15:06	2/11/2024 19:45	279	0
197356	2/11/2024 15:07	2/11/2024 19:40	273	0
1288420	2/11/2024 15:09	2/11/2024 15:15	6	0
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323747	2/11/2024 15:13	2/11/2024 15:44	31	0
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446329	2/11/2024 15:17	2/11/2024 19:44	267	0
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279833	2/11/2024 15:22	2/11/2024 16:19	57	0
274522	2/11/2024 15:23	2/11/2024 16:20	57	0
276488	2/11/2024 15:24	2/11/2024 16:21	57	0
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574993	2/11/2024 15:37	2/11/2024 15:42	5	0
1019446	2/11/2024 15:42	2/11/2024 19:28	226	0
574993	2/11/2024 15:42	2/11/2024 15:53	11	0
323747	2/11/2024 15:44	2/11/2024 16:00	16	0
324249	2/11/2024 15:46	2/11/2024 15:56	10	0
8603428	2/11/2024 15:49	2/11/2024 19:29	220	0
574993	2/11/2024 15:53	2/11/2024 15:58	5	0
772378	2/11/2024 15:54	2/11/2024 19:45	231	0
324249	2/11/2024 15:56	2/11/2024 19:41	225	0
957615	2/11/2024 15:58	2/11/2024 19:38	220	0
574993	2/11/2024 15:58	2/11/2024 16:08	10	0
982261	2/11/2024 15:59	2/11/2024 19:39	220	0
1493132	2/11/2024 16:00	2/11/2024 19:43	223	0
323747	2/11/2024 16:00	2/11/2024 19:40	220	0
574993	2/11/2024 16:08	2/11/2024 16:14	6	0
317797	2/11/2024 16:11	2/11/2024 19:31	200	0
317233	2/11/2024 16:11	2/11/2024 19:30	199	0

315346	2/11/2024 16:12	2/11/2024 19:36	204	0
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1597556	2/11/2024 16:14	2/11/2024 19:44	210	0
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279833	2/11/2024 16:19	2/11/2024 19:39	200	0
274522	2/11/2024 16:20	2/11/2024 19:29	189	0
276488	2/11/2024 16:21	2/11/2024 19:36	195	0
314564	2/11/2024 16:23	2/11/2024 19:32	189	0
313731	2/11/2024 16:23	2/11/2024 19:43	200	0
314163	2/11/2024 16:24	2/11/2024 19:43	199	0
315604	2/11/2024 16:26	2/11/2024 19:35	189	0
313954	2/11/2024 16:26	2/11/2024 19:41	195	0
315380	2/11/2024 16:27	2/11/2024 19:41	194	0
574993	2/11/2024 16:40	2/11/2024 16:45	5	0
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1376158	2/11/2024 16:51	2/11/2024 19:39	168	0
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574993	2/11/2024 17:06	2/11/2024 17:11	5	0
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427913	2/11/2024 18:46	2/12/2024 9:00	853.27	0
427998	2/11/2024 18:46	2/11/2024 19:23	37	0
330528	2/11/2024 19:01	2/12/2024 9:00	838.5	0
493479	2/11/2024 19:11	2/12/2024 9:00	828.27	0
416557	2/11/2024 19:22	2/12/2024 9:00	817.27	0
427998	2/11/2024 19:23	2/12/2024 9:00	816.27	0
1321605	2/11/2024 19:24	2/12/2024 9:00	815.65	0
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1348773	2/11/2024 19:27	2/12/2024 9:00	812.65	0
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980398	2/11/2024 19:28	2/12/2024 9:00	811.1	0
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267537	2/11/2024 19:28	2/12/2024 9:00	811.5	0
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264379	2/11/2024 19:29	2/12/2024 9:00	810.5	0
8603428	2/11/2024 19:29	2/12/2024 9:00	810.5	0
8972545	2/11/2024 19:29	2/12/2024 9:00	810.27	0
274522	2/11/2024 19:29	2/12/2024 9:00	810.5	0
317233	2/11/2024 19:30	2/12/2024 9:00	809.5	0
1412757	2/11/2024 19:30	2/12/2024 9:00	809.65	0
1093833	2/11/2024 19:30	2/12/2024 9:00	809.27	0
1701172	2/11/2024 19:30	2/12/2024 9:00	809.65	0
450055	2/11/2024 19:30	2/12/2024 9:00	809.27	0
196408	2/11/2024 19:30	2/12/2024 9:00	809.5	0
195839	2/11/2024 19:30	2/12/2024 9:00	809.5	0
1393699	2/11/2024 19:31	2/12/2024 9:00	808.65	0

664453	2/11/2024 19:31	2/12/2024 9:00	808.28	0
266010	2/11/2024 19:31	2/12/2024 9:00	808.5	0
317797	2/11/2024 19:31	2/12/2024 9:00	808.5	0
456099	2/11/2024 19:31	2/12/2024 9:00	808.27	0
510307	2/11/2024 19:31	2/12/2024 9:00	808.27	0
324290	2/11/2024 19:31	2/12/2024 9:00	808.5	0
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1704232	2/11/2024 19:32	2/12/2024 9:00	807.65	0
314188	2/11/2024 19:32	2/12/2024 9:00	807.5	0
1350975	2/11/2024 19:32	2/12/2024 9:00	807.65	0
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8502011	2/11/2024 19:32	2/12/2024 9:00	807.5	0
1378582	2/11/2024 19:32	2/12/2024 9:00	807.65	0
314564	2/11/2024 19:32	2/12/2024 9:00	807.5	0
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997397	2/11/2024 19:33	2/12/2024 9:00	806.1	0
1415828	2/11/2024 19:33	2/12/2024 9:00	806.65	0
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1469850	2/11/2024 19:33	2/12/2024 9:00	806.32	0
510974	2/11/2024 19:33	2/12/2024 9:00	806.27	0
1437071	2/11/2024 19:33	2/12/2024 9:00	806.32	0
549259	2/11/2024 19:33	2/12/2024 9:00	806.27	0
981933	2/11/2024 19:33	2/12/2024 9:00	806.1	0
1349542	2/11/2024 19:33	2/12/2024 9:00	806.65	0
275018	2/11/2024 19:33	2/12/2024 9:00	806.5	0
1683861	2/11/2024 19:34	2/12/2024 9:00	805.5	0
10371746	2/11/2024 19:34	2/12/2024 9:00	805.27	0
197561	2/11/2024 19:34	2/12/2024 9:00	805.5	0
49209	2/11/2024 19:34	2/12/2024 9:00	805.5	0
1493766	2/11/2024 19:34	2/12/2024 9:00	805.65	0
456084	2/11/2024 19:34	2/12/2024 9:00	805.27	0
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1434316	2/11/2024 19:34	2/12/2024 9:00	805.32	0
1599209	2/11/2024 19:34	2/12/2024 9:00	805.32	0
1672454	2/11/2024 19:34	2/12/2024 9:00	805.27	0
317195	2/11/2024 19:35	2/12/2024 9:00	804.5	0
793690	2/11/2024 19:35	2/12/2024 9:00	804.28	0
1466638	2/11/2024 19:35	2/12/2024 8:32	777	0
506261	2/11/2024 19:35	2/12/2024 9:00	804.27	0
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1349502	2/11/2024 19:35	2/12/2024 9:00	804.65	0
511266	2/11/2024 19:35	2/12/2024 9:00	804.27	0
315604	2/11/2024 19:35	2/12/2024 9:00	804.5	0
567126	2/11/2024 19:35	2/12/2024 9:00	804.27	0
1350597	2/11/2024 19:35	2/12/2024 9:00	804.65	0

454861	2/11/2024 19:35	2/12/2024 9:00	804.27	0
1350499	2/11/2024 19:36	2/12/2024 9:00	803.65	0
1463680	2/11/2024 19:36	2/12/2024 9:00	803.32	0
276488	2/11/2024 19:36	2/12/2024 9:00	803.5	0
498070	2/11/2024 19:36	2/12/2024 9:00	803.27	0
325050	2/11/2024 19:36	2/12/2024 9:00	803.5	0
8524544	2/11/2024 19:36	2/12/2024 9:00	803.5	0
1321114	2/11/2024 19:36	2/12/2024 9:00	803.65	0
315169	2/11/2024 19:36	2/12/2024 9:00	803.5	0
860281	2/11/2024 19:36	2/12/2024 9:00	803.28	0
265473	2/11/2024 19:36	2/12/2024 9:00	803.5	0
121200	2/11/2024 19:36	2/12/2024 9:00	803.5	0
315346	2/11/2024 19:36	2/12/2024 9:00	803.5	0
1266649	2/11/2024 19:37	2/12/2024 9:00	802.65	0
574596	2/11/2024 19:37	2/12/2024 9:00	802.27	0
315345	2/11/2024 19:37	2/12/2024 9:00	802.5	0
314945	2/11/2024 19:37	2/12/2024 9:00	802.5	0
7937779	2/11/2024 19:37	2/12/2024 9:00	802.65	0
10433250	2/11/2024 19:37	2/12/2024 9:00	802.65	0
570022	2/11/2024 19:38	2/12/2024 9:00	801.27	0
1349605	2/11/2024 19:38	2/12/2024 9:00	801.65	0
957615	2/11/2024 19:38	2/12/2024 9:00	801.1	0
509233	2/11/2024 19:38	2/12/2024 9:00	801.27	0
507365	2/11/2024 19:38	2/12/2024 9:00	801.27	0
1077082	2/11/2024 19:38	2/12/2024 9:00	801.27	0
21306	2/11/2024 19:38	2/12/2024 9:00	801.5	0
570321	2/11/2024 19:38	2/12/2024 9:00	801.27	0
266906	2/11/2024 19:38	2/12/2024 9:00	801.5	0
8511623	2/11/2024 19:39	2/12/2024 8:57	798	0
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279833	2/11/2024 19:39	2/12/2024 9:00	800.5	0
328113	2/11/2024 19:39	2/12/2024 9:00	800.5	0
1350104	2/11/2024 19:39	2/12/2024 9:00	800.65	0
1444809	2/11/2024 19:39	2/12/2024 7:54	735	0
397349	2/11/2024 19:39	2/12/2024 9:00	800.27	0
1518000	2/11/2024 19:39	2/12/2024 9:00	800.32	0
982261	2/11/2024 19:39	2/12/2024 9:00	800.1	0
1349338	2/11/2024 19:40	2/12/2024 9:00	799.65	0
323747	2/11/2024 19:40	2/12/2024 9:00	799.5	0
1664433	2/11/2024 19:40	2/12/2024 9:00	799.28	0
197356	2/11/2024 19:40	2/12/2024 9:00	799.5	0
329546	2/11/2024 19:40	2/12/2024 9:00	799.5	0
29635	2/11/2024 19:40	2/12/2024 9:00	799.5	0
1453263	2/11/2024 19:40	2/12/2024 9:00	799.32	0
330485	2/11/2024 19:41	2/12/2024 9:00	798.5	0
324249	2/11/2024 19:41	2/12/2024 9:00	798.5	0
1670039	2/11/2024 19:41	2/12/2024 9:00	798.27	0

975066	2/11/2024 19:41	2/12/2024 9:00	798.1	0
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1430294	2/11/2024 19:41	2/12/2024 9:00	798.32	0
8950281	2/11/2024 19:41	2/12/2024 9:00	798.5	0
313954	2/11/2024 19:41	2/12/2024 9:00	798.5	0
315380	2/11/2024 19:41	2/12/2024 9:00	798.5	0
1348444	2/11/2024 19:41	2/12/2024 9:00	798.65	0
313269	2/11/2024 19:41	2/12/2024 9:00	798.5	0
1466357	2/11/2024 19:41	2/12/2024 9:00	798.32	0
10393495	2/11/2024 19:42	2/12/2024 9:00	797.5	0
1416360	2/11/2024 19:42	2/12/2024 9:00	797.65	0
7178975	2/11/2024 19:42	2/12/2024 9:00	797.5	0
1351539	2/11/2024 19:42	2/12/2024 9:00	797.65	0
1346455	2/11/2024 19:42	2/12/2024 9:00	797.65	0
313731	2/11/2024 19:43	2/12/2024 9:00	796.5	0
324045	2/11/2024 19:43	2/12/2024 9:00	796.5	0
8734349	2/11/2024 19:43	2/12/2024 9:00	796.65	0
314163	2/11/2024 19:43	2/12/2024 9:00	796.5	0
197629	2/11/2024 19:43	2/12/2024 9:00	796.5	0
1446401	2/11/2024 19:43	2/12/2024 9:00	796.32	0
1493132	2/11/2024 19:43	2/12/2024 9:00	796.65	0
1553525	2/11/2024 19:44	2/12/2024 9:00	795.32	0
1597556	2/11/2024 19:44	2/12/2024 9:00	795.32	0
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446329	2/11/2024 19:44	2/12/2024 9:00	795.27	0
1394365	2/11/2024 19:44	2/12/2024 9:00	795.65	0
1348780	2/11/2024 19:44	2/12/2024 9:00	795.65	0
1551510	2/11/2024 19:44	2/12/2024 9:00	795.32	0
1466445	2/11/2024 19:44	2/12/2024 8:10	746	0
281235	2/11/2024 19:45	2/12/2024 9:00	794.5	0
1552154	2/11/2024 19:45	2/12/2024 9:00	794.32	0
1414392	2/11/2024 19:45	2/12/2024 9:00	794.65	0
772378	2/11/2024 19:45	2/12/2024 9:00	794.27	0
9063373	2/11/2024 19:45	2/12/2024 9:00	794.65	0
1432940	2/11/2024 19:45	2/12/2024 9:00	794.32	0
1346665	2/11/2024 19:45	2/12/2024 9:00	794.65	0
1567316	2/11/2024 19:45	2/12/2024 9:00	794.32	0
1602693	2/11/2024 19:45	2/12/2024 9:00	794.32	0
378229	2/11/2024 19:46	2/12/2024 9:00	793.27	0
8495802	2/11/2024 19:46	2/12/2024 9:00	793.32	0
6583289	2/11/2024 19:46	2/12/2024 9:00	793.5	0
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1433348	2/11/2024 19:47	2/12/2024 9:00	792.32	0
1394324	2/11/2024 19:48	2/12/2024 9:00	791.65	0

1469270	2/11/2024 19:48	2/12/2024 9:00	791.32	0
642003	2/11/2024 19:48	2/12/2024 9:00	791.27	0
1551513	2/11/2024 19:49	2/12/2024 9:00	790.32	0
1351588	2/11/2024 19:49	2/12/2024 9:00	790.65	0
1604432	2/11/2024 19:49	2/12/2024 9:00	790.32	0
8068454	2/11/2024 19:49	2/12/2024 9:00	790.27	0
1576533	2/11/2024 19:49	2/12/2024 9:00	790.32	0
1565203	2/11/2024 19:49	2/12/2024 9:00	790.32	0
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1466445	2/12/2024 8:10	2/12/2024 9:00	49.32	0
1376158	2/12/2024 8:13	2/12/2024 9:00	46.65	0
800576	2/12/2024 8:25	2/12/2024 9:00	34.28	0
9993412	2/12/2024 8:29	2/12/2024 9:00	30.27	0
1466638	2/12/2024 8:32	2/12/2024 9:00	27.32	0
8511623	2/12/2024 8:57	2/12/2024 9:00	2.5	0
733373	2/12/2024 8:59	2/12/2024 9:00	0.28	0
373278	2/12/2024 9:00	2/13/2024 9:00	1439.27	0
957216	2/12/2024 9:00	2/12/2024 19:32	632	0
1352388	2/12/2024 9:00	2/13/2024 9:00	1439.65	0
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1453263	2/12/2024 9:00	2/12/2024 11:06	126	0
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447406	2/12/2024 9:00	2/12/2024 16:23	443	0
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353728	2/12/2024 9:00	2/12/2024 10:29	89	0
1704044	2/12/2024 9:00	2/13/2024 9:00	1439.65	0
8950281	2/12/2024 9:00	2/12/2024 10:03	63	0
664030	2/12/2024 9:00	2/13/2024 9:00	1439.28	0
1463520	2/12/2024 9:00	2/13/2024 9:00	1439.32	0
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642003	2/12/2024 9:01	2/13/2024 9:00	1438.27	0
1602630	2/12/2024 9:01	2/13/2024 9:00	1438.32	0.22
500322	2/12/2024 9:06	2/12/2024 11:53	167	0
108237	2/12/2024 9:06	2/12/2024 11:37	151	0
562202	2/12/2024 9:06	2/12/2024 11:40	154	0
574993	2/12/2024 9:07	2/12/2024 14:52	345	0
509233	2/12/2024 9:07	2/12/2024 11:53	166	0
1348731	2/12/2024 9:08	2/13/2024 9:00	1431.65	0
319279	2/12/2024 9:08	2/13/2024 9:00	1431.5	0

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385332	2/12/2024 9:08	2/12/2024 19:07	599	0
1444809	2/12/2024 9:08	2/12/2024 19:33	625	0
613227	2/12/2024 9:11	2/12/2024 19:13	602	0.05
1466445	2/12/2024 9:13	2/12/2024 19:45	632	0
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1430838	2/12/2024 9:15	2/12/2024 19:45	630	0
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1430553	2/12/2024 9:19	2/12/2024 19:39	620	0
1466638	2/12/2024 9:19	2/12/2024 11:31	132	0
624628	2/12/2024 9:19	2/12/2024 13:47	268	0
627018	2/12/2024 9:21	2/12/2024 13:44	263	0
627289	2/12/2024 9:22	2/12/2024 13:46	264	0
1321605	2/12/2024 9:24	2/12/2024 14:27	303	0.22
1432940	2/12/2024 9:24	2/12/2024 19:43	619	0
1393699	2/12/2024 9:25	2/12/2024 19:35	610	0
1433348	2/12/2024 9:26	2/12/2024 19:44	618	0
1376158	2/12/2024 9:27	2/12/2024 11:45	138	0
1493132	2/12/2024 9:27	2/12/2024 11:30	123	0.32
1368745	2/12/2024 9:28	2/12/2024 19:31	603	0.54
624716	2/12/2024 9:29	2/12/2024 10:33	64	0
10433250	2/12/2024 9:31	2/12/2024 11:27	116	0.09
1394324	2/12/2024 9:32	2/12/2024 19:47	615	0
1394365	2/12/2024 9:33	2/12/2024 19:46	613	0
626477	2/12/2024 9:33	2/12/2024 10:34	61	0
275018	2/12/2024 9:34	2/12/2024 19:27	593	0
9063373	2/12/2024 9:35	2/12/2024 19:49	614	0
10393495	2/12/2024 9:35	2/12/2024 19:36	601	0.03
1557303	2/12/2024 9:35	2/12/2024 11:33	118	0
1554218	2/12/2024 9:35	2/12/2024 11:33	118	0
317797	2/12/2024 9:36	2/12/2024 19:23	587	0
6280623	2/12/2024 9:37	2/12/2024 19:30	593	0.11
325050	2/12/2024 9:37	2/12/2024 11:53	136	0
10510361	2/12/2024 9:38	2/12/2024 19:30	592	0
317084	2/12/2024 9:38	2/12/2024 19:33	595	0
318402	2/12/2024 9:38	2/12/2024 19:30	592	0
800576	2/12/2024 9:38	2/12/2024 19:30	592	0
315345	2/12/2024 9:38	2/12/2024 19:24	586	0.2
1551513	2/12/2024 9:39	2/12/2024 11:39	120	0
1551510	2/12/2024 9:39	2/12/2024 11:38	119	0
317233	2/12/2024 9:41	2/12/2024 19:22	581	0.08
265650	2/12/2024 9:41	2/13/2024 9:00	1398.5	0
315346	2/12/2024 9:41	2/12/2024 19:32	591	0
265955	2/12/2024 9:43	2/12/2024 14:10	267	0
188639	2/12/2024 9:44	2/12/2024 14:14	270	0.05
24124	2/12/2024 9:44	2/12/2024 14:11	267	0
25674	2/12/2024 9:44	2/12/2024 14:15	271	0

1430294	2/12/2024 9:45	2/12/2024 19:34	589	0
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7178975	2/12/2024 9:47	2/12/2024 10:03	16	0
314188	2/12/2024 9:48	2/12/2024 10:04	16	0
324249	2/12/2024 9:50	2/12/2024 11:55	125	0
323747	2/12/2024 9:51	2/12/2024 11:52	121	0.21
1310926	2/12/2024 9:51	2/12/2024 11:36	105	0
1604432	2/12/2024 9:52	2/12/2024 19:46	594	0.49
314945	2/12/2024 9:53	2/12/2024 19:27	574	0
506261	2/12/2024 9:54	2/12/2024 11:53	119	0.14
664453	2/12/2024 9:54	2/12/2024 19:30	576	0
1701172	2/12/2024 9:54	2/12/2024 14:23	269	0
1319739	2/12/2024 9:54	2/13/2024 9:00	1385.65	0
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34905	2/12/2024 9:55	2/12/2024 19:29	574	0
29635	2/12/2024 9:56	2/12/2024 10:27	31	0
266508	2/12/2024 9:56	2/13/2024 9:00	1383.5	0
658837	2/12/2024 9:56	2/12/2024 19:36	580	0.29
317195	2/12/2024 9:56	2/12/2024 20:14	618	0
34613	2/12/2024 9:59	2/12/2024 14:13	254	0
49209	2/12/2024 10:00	2/12/2024 19:33	573	0
328570	2/12/2024 10:00	2/12/2024 11:43	103	0.08
315730	2/12/2024 10:02	2/12/2024 11:47	105	0.04
456099	2/12/2024 10:03	2/12/2024 11:32	89	0
7178975	2/12/2024 10:03	2/12/2024 11:48	105	0.07
320966	2/12/2024 10:03	2/12/2024 19:40	577	0
8950281	2/12/2024 10:03	2/12/2024 19:35	572	0
1416360	2/12/2024 10:03	2/12/2024 19:41	578	0
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314188	2/12/2024 10:04	2/12/2024 11:48	104	0
68308	2/12/2024 10:05	2/12/2024 12:04	119	0
601397	2/12/2024 10:05	2/12/2024 11:36	91	0
1415828	2/12/2024 10:05	2/12/2024 19:35	570	0
1414392	2/12/2024 10:06	2/12/2024 19:40	574	0
1321114	2/12/2024 10:07	2/12/2024 10:23	16	0
324290	2/12/2024 10:07	2/12/2024 11:53	106	0
801004	2/12/2024 10:07	2/12/2024 11:36	89	0
1412757	2/12/2024 10:07	2/12/2024 19:37	570	0
1320619	2/12/2024 10:08	2/12/2024 10:24	16	0
800588	2/12/2024 10:08	2/12/2024 11:37	89	0
1446401	2/12/2024 10:08	2/12/2024 19:33	565	0
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800590	2/12/2024 10:09	2/12/2024 11:37	88	0
800600	2/12/2024 10:10	2/12/2024 11:36	86	0
380736	2/12/2024 10:10	2/12/2024 11:42	92	0
8486022	2/12/2024 10:12	2/12/2024 19:39	567	0
6995795	2/12/2024 10:13	2/12/2024 11:43	90	0

7937779	2/12/2024 10:17	2/12/2024 11:46	89	0
381982	2/12/2024 10:18	2/12/2024 11:42	84	0
498070	2/12/2024 10:18	2/12/2024 19:30	552	0
1683861	2/12/2024 10:19	2/12/2024 19:36	557	0
197561	2/12/2024 10:19	2/12/2024 19:32	553	0
8495805	2/12/2024 10:19	2/12/2024 19:30	551	0
11081884	2/12/2024 10:19	2/12/2024 19:33	554	0
262048	2/12/2024 10:20	2/12/2024 19:20	540	0.32
1664433	2/12/2024 10:20	2/12/2024 19:36	556	0
315169	2/12/2024 10:22	2/12/2024 10:33	11	0
793690	2/12/2024 10:22	2/12/2024 19:34	552	0
1321114	2/12/2024 10:23	2/12/2024 10:54	31	0
1320619	2/12/2024 10:24	2/12/2024 10:55	31	0
1515733	2/12/2024 10:24	2/12/2024 11:37	73	0.2
756553	2/12/2024 10:24	2/12/2024 19:39	555	0
500173	2/12/2024 10:27	2/12/2024 19:25	538	0
29635	2/12/2024 10:27	2/12/2024 11:25	58	0
353082	2/12/2024 10:28	2/12/2024 19:34	546	0.04
353371	2/12/2024 10:29	2/12/2024 19:37	548	0.1
353728	2/12/2024 10:29	2/13/2024 9:00	1350.5	0
1671958	2/12/2024 10:30	2/12/2024 13:13	163	0
997397	2/12/2024 10:30	2/12/2024 14:15	225	0
70866	2/12/2024 10:32	2/12/2024 11:36	64	0
982261	2/12/2024 10:32	2/12/2024 19:38	546	0.3
315169	2/12/2024 10:33	2/12/2024 11:46	73	0
277301	2/12/2024 10:33	2/12/2024 19:33	540	0
276488	2/12/2024 10:33	2/12/2024 19:29	536	0
279833	2/12/2024 10:33	2/12/2024 19:29	536	0
624716	2/12/2024 10:33	2/12/2024 13:47	194	0
418876	2/12/2024 10:34	2/12/2024 13:17	163	0
626477	2/12/2024 10:34	2/12/2024 13:48	194	0
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1547692	2/12/2024 10:35	2/12/2024 11:38	63	0
1547843	2/12/2024 10:35	2/12/2024 11:38	63	0.17
1546695	2/12/2024 10:35	2/12/2024 11:38	63	0
195839	2/12/2024 10:35	2/12/2024 19:32	537	0
274522	2/12/2024 10:35	2/12/2024 19:24	529	0
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1520371	2/12/2024 10:37	2/12/2024 14:23	226	0
196408	2/12/2024 10:38	2/12/2024 19:33	535	0
281056	2/12/2024 10:38	2/12/2024 19:33	535	0
1547686	2/12/2024 10:38	2/12/2024 11:36	58	0
197629	2/12/2024 10:38	2/12/2024 19:39	541	0.02
511266	2/12/2024 10:38	2/12/2024 11:52	74	0
281235	2/12/2024 10:38	2/12/2024 19:33	535	0
507365	2/12/2024 10:38	2/12/2024 11:52	74	0
1521655	2/12/2024 10:38	2/12/2024 14:08	210	0

1521914	2/12/2024 10:38	2/12/2024 14:10	212	0
1549436	2/12/2024 10:39	2/12/2024 11:37	58	0
510307	2/12/2024 10:39	2/12/2024 11:53	74	0
1466357	2/12/2024 10:39	2/12/2024 19:35	536	0
30471	2/12/2024 10:40	2/12/2024 14:15	215	0
26864	2/12/2024 10:40	2/12/2024 11:11	31	0
1565203	2/12/2024 10:45	2/12/2024 11:43	58	0
69207	2/12/2024 10:46	2/12/2024 14:21	215	0
563721	2/12/2024 10:49	2/12/2024 14:21	212	0
449036	2/12/2024 10:49	2/12/2024 11:31	42	0
945898	2/12/2024 10:50	2/12/2024 11:32	42	0
68620	2/12/2024 10:50	2/12/2024 14:20	210	0
1516579	2/12/2024 10:51	2/12/2024 10:56	5	0
8068454	2/12/2024 10:51	2/12/2024 11:22	31	0
975066	2/12/2024 10:53	2/12/2024 19:33	520	0
510522	2/12/2024 10:54	2/12/2024 11:20	26	0
609850	2/12/2024 10:54	2/12/2024 13:52	178	0
1321114	2/12/2024 10:54	2/12/2024 14:24	210	0
511223	2/12/2024 10:54	2/12/2024 11:21	27	0
1320619	2/12/2024 10:55	2/12/2024 14:25	210	0
1523524	2/12/2024 10:55	2/12/2024 14:09	194	0
610737	2/12/2024 10:55	2/12/2024 13:53	178	0
1641091	2/12/2024 10:55	2/12/2024 14:09	194	0
34887	2/12/2024 10:56	2/12/2024 11:12	16	0
1384509	2/12/2024 10:56	2/12/2024 13:44	168	0
1516579	2/12/2024 10:56	2/12/2024 11:06	10	0
1321750	2/12/2024 10:56	2/12/2024 14:27	211	0
8590289	2/12/2024 10:58	2/12/2024 11:51	53	0
35442	2/12/2024 10:58	2/12/2024 11:13	15	0
34832	2/12/2024 10:59	2/12/2024 11:10	11	0
981933	2/12/2024 11:00	2/12/2024 19:30	510	0
8495802	2/12/2024 11:00	2/12/2024 19:40	520	0.21
980398	2/12/2024 11:01	2/12/2024 19:30	509	0
1434359	2/12/2024 11:01	2/13/2024 9:00	1318.32	0
1434316	2/12/2024 11:02	2/13/2024 9:00	1317.32	0
1672784	2/12/2024 11:02	2/13/2024 9:00	1317.27	0
989956	2/12/2024 11:04	2/12/2024 19:28	504	0
1638359	2/12/2024 11:05	2/12/2024 13:58	173	0
267537	2/12/2024 11:05	2/12/2024 19:29	504	0
196965	2/12/2024 11:06	2/12/2024 19:30	504	0
1638308	2/12/2024 11:06	2/12/2024 13:58	172	0
1516579	2/12/2024 11:06	2/12/2024 11:11	5	0
1453263	2/12/2024 11:06	2/12/2024 14:26	200	0
1638479	2/12/2024 11:07	2/12/2024 14:01	174	0
198082	2/12/2024 11:07	2/12/2024 14:52	225	0
315306	2/12/2024 11:07	2/12/2024 19:31	504	0
197356	2/12/2024 11:07	2/12/2024 19:41	514	0

1417279	2/12/2024 11:07	2/12/2024 19:36	509	0
34832	2/12/2024 11:10	2/12/2024 14:13	183	0
127206	2/12/2024 11:10	2/13/2024 9:00	1309.5	0
313269	2/12/2024 11:10	2/12/2024 14:56	226	0
1552154	2/12/2024 11:10	2/12/2024 11:36	26	0
315088	2/12/2024 11:11	2/12/2024 19:25	494	0
1516579	2/12/2024 11:11	2/12/2024 11:22	11	0
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1019446	2/12/2024 11:15	2/12/2024 14:14	179	0
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1516579	2/12/2024 11:27	2/12/2024 11:38	11	0
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1466638	2/12/2024 11:31	2/12/2024 11:47	16	0
428372	2/12/2024 11:31	2/12/2024 11:47	16	0
623612	2/12/2024 11:31	2/12/2024 13:47	136	0
1465882	2/12/2024 11:31	2/12/2024 11:47	16	0
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1554218	2/12/2024 11:33	2/12/2024 11:49	16	0
1557303	2/12/2024 11:33	2/12/2024 11:49	16	0
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1552154	2/12/2024 11:36	2/12/2024 19:44	488	0

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801004	2/12/2024 11:36	2/12/2024 11:52	16	0
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800590	2/12/2024 11:37	2/12/2024 11:53	16	0
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380736	2/12/2024 11:42	2/12/2024 13:42	120	0
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1493132	2/12/2024 11:46	2/12/2024 12:02	16	0
1466638	2/12/2024 11:47	2/12/2024 12:34	47	0
315730	2/12/2024 11:47	2/12/2024 13:06	79	0
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430114	2/12/2024 11:49	2/12/2024 14:32	163	0
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800588	2/12/2024 11:53	2/12/2024 12:09	16	0
794132	2/12/2024 11:53	2/12/2024 12:09	16	0
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510307	2/12/2024 12:08	2/12/2024 14:25	137	0
800600	2/12/2024 12:08	2/12/2024 19:29	441	0
511223	2/12/2024 12:08	2/12/2024 14:40	152	0
510974	2/12/2024 12:08	2/12/2024 14:09	121	0
800590	2/12/2024 12:09	2/12/2024 19:30	441	0
791361	2/12/2024 12:09	2/12/2024 14:36	147	0
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794132	2/12/2024 12:09	2/12/2024 14:38	149	0
509233	2/12/2024 12:09	2/12/2024 14:09	120	0
506261	2/12/2024 12:09	2/12/2024 14:10	121	0.02
793937	2/12/2024 12:09	2/12/2024 14:40	151	0
800588	2/12/2024 12:09	2/12/2024 19:30	441	0
792391	2/12/2024 12:10	2/12/2024 14:37	147	0
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328570	2/12/2024 12:15	2/12/2024 19:36	441	0
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328113	2/12/2024 12:19	2/12/2024 19:40	441	0
324249	2/12/2024 12:21	2/12/2024 15:09	168	0
323747	2/12/2024 12:23	2/12/2024 15:06	163	0
325050	2/12/2024 12:24	2/12/2024 14:09	105	0
324290	2/12/2024 12:24	2/12/2024 15:07	163	0
324045	2/12/2024 12:24	2/12/2024 14:25	121	0
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1493132	2/12/2024 12:28	2/12/2024 13:47	79	0
7937779	2/12/2024 12:28	2/12/2024 14:13	105	0
1376158	2/12/2024 12:30	2/12/2024 17:29	299	0
10433250	2/12/2024 12:30	2/12/2024 14:31	121	0
1465882	2/12/2024 12:31	2/13/2024 9:00	1228.32	0
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646026	2/12/2024 12:40	2/12/2024 13:54	74	0
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315169	2/12/2024 13:05	2/12/2024 14:50	105	0
315730	2/12/2024 13:06	2/12/2024 14:51	105	0
605186	2/12/2024 13:06	2/13/2024 9:00	1193.27	0

7178975	2/12/2024 13:06	2/12/2024 14:52	106	0
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1488059	2/12/2024 13:39	2/13/2024 9:00	1160.1	0
380736	2/12/2024 13:42	2/12/2024 14:30	48	0
381982	2/12/2024 13:43	2/12/2024 14:25	42	0
623871	2/12/2024 13:43	2/12/2024 19:30	347	0
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627289	2/12/2024 13:46	2/12/2024 14:18	32	0
1493132	2/12/2024 13:47	2/12/2024 14:13	26	0
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623612	2/12/2024 13:47	2/12/2024 19:34	347	0
624628	2/12/2024 13:47	2/12/2024 14:13	26	0
623069	2/12/2024 13:47	2/12/2024 19:33	346	0
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971524	2/12/2024 13:48	2/12/2024 14:14	26	0
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609850	2/12/2024 13:52	2/12/2024 19:28	336	0
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610737	2/12/2024 13:53	2/12/2024 19:27	334	0
224277	2/12/2024 13:53	2/13/2024 9:00	1146.5	0
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66542	2/12/2024 14:05	2/13/2024 9:00	1134.5	0
67122	2/12/2024 14:05	2/13/2024 9:00	1134.5	0
110607	2/12/2024 14:07	2/13/2024 9:00	1132.5	0
489884	2/12/2024 14:08	2/13/2024 9:00	1131.27	0
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325050	2/12/2024 14:09	2/12/2024 14:20	11	0
509233	2/12/2024 14:09	2/12/2024 14:25	16	0
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1641091	2/12/2024 14:09	2/12/2024 19:45	336	0
553863	2/12/2024 14:10	2/12/2024 14:26	16	0
29748	2/12/2024 14:10	2/12/2024 19:25	315	0
1521914	2/12/2024 14:10	2/12/2024 19:46	336	0
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35442	2/12/2024 14:13	2/12/2024 14:43	30	0
34613	2/12/2024 14:13	2/12/2024 19:34	321	0
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1041597	2/12/2024 14:14	2/12/2024 14:30	16	0
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971524	2/12/2024 14:14	2/12/2024 14:30	16	0
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626477	2/12/2024 14:14	2/12/2024 14:46	32	0
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26864	2/12/2024 14:15	2/12/2024 14:25	10	0
587455	2/12/2024 14:15	2/12/2024 19:25	310	0
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627018	2/12/2024 14:16	2/12/2024 14:31	15	0
65245	2/12/2024 14:18	2/12/2024 19:23	305	0
70866	2/12/2024 14:18	2/12/2024 19:28	310	0
627289	2/12/2024 14:18	2/12/2024 14:34	16	0
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507365	2/12/2024 14:24	2/12/2024 14:40	16	0
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1672454	2/12/2024 14:34	2/12/2024 19:22	288	0
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574993	2/12/2024 14:57	2/12/2024 15:08	11	0

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574993	2/12/2024 15:55	2/12/2024 16:21	26	0
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454861	2/12/2024 16:22	2/12/2024 19:26	184	0
447406	2/12/2024 16:23	2/12/2024 19:32	189	0
574993	2/12/2024 16:26	2/12/2024 16:53	27	0
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1093833	2/12/2024 19:18	2/13/2024 9:00	821.27	0
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510307	2/12/2024 19:18	2/13/2024 9:00	821.27	0
8668965	2/12/2024 19:18	2/13/2024 9:00	821.27	0
593397	2/12/2024 19:18	2/13/2024 9:00	821.27	0
506261	2/12/2024 19:19	2/13/2024 9:00	820.27	0
456099	2/12/2024 19:19	2/13/2024 9:00	820.27	0
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510522	2/12/2024 19:20	2/13/2024 9:00	819.27	0
262048	2/12/2024 19:20	2/13/2024 9:00	819.5	0
430114	2/12/2024 19:20	2/13/2024 9:00	819.27	0

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1672454	2/12/2024 19:22	2/13/2024 9:00	817.27	0
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1701172	2/12/2024 19:23	2/13/2024 9:00	816.65	0
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66588	2/12/2024 19:24	2/13/2024 9:00	815.5	0
315345	2/12/2024 19:24	2/13/2024 9:00	815.5	0
29748	2/12/2024 19:25	2/13/2024 9:00	814.5	0
6995795	2/12/2024 19:25	2/13/2024 9:00	814.27	0
500173	2/12/2024 19:25	2/13/2024 9:00	814.27	0
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26864	2/12/2024 19:25	2/13/2024 9:00	814.5	0
646026	2/12/2024 19:25	2/13/2024 9:00	814.27	0
8524544	2/12/2024 19:25	2/13/2024 9:00	814.5	0
451783	2/12/2024 19:25	2/13/2024 9:00	814.27	0
627018	2/12/2024 19:25	2/13/2024 9:00	814.27	0
552210	2/12/2024 19:25	2/13/2024 9:00	814.27	0
1515964	2/12/2024 19:25	2/13/2024 9:00	814.32	0
68308	2/12/2024 19:25	2/13/2024 9:00	814.5	0
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1321605	2/12/2024 19:26	2/13/2024 9:00	813.65	0
507365	2/12/2024 19:26	2/13/2024 9:00	813.27	0
567126	2/12/2024 19:27	2/13/2024 9:00	812.27	0
792446	2/12/2024 19:27	2/13/2024 9:00	812.28	0
610737	2/12/2024 19:27	2/13/2024 9:00	812.27	0
275018	2/12/2024 19:27	2/13/2024 9:00	812.5	0
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609850	2/12/2024 19:28	2/13/2024 9:00	811.27	0

8590289	2/12/2024 19:28	2/13/2024 9:00	811.27	0
489481	2/12/2024 19:28	2/13/2024 9:00	811.27	0
34832	2/12/2024 19:28	2/13/2024 9:00	811.5	0
316971	2/12/2024 19:28	2/13/2024 9:00	811.5	0
70866	2/12/2024 19:28	2/13/2024 9:00	811.5	0
624628	2/12/2024 19:28	2/13/2024 9:00	811.27	0
1654064	2/12/2024 19:28	2/13/2024 9:00	811.1	0
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563721	2/12/2024 19:29	2/13/2024 9:00	810.27	0
279833	2/12/2024 19:29	2/13/2024 9:00	810.5	0
34905	2/12/2024 19:29	2/13/2024 9:00	810.5	0
626477	2/12/2024 19:29	2/13/2024 9:00	810.27	0
324290	2/12/2024 19:29	2/13/2024 9:00	810.5	0
8502011	2/12/2024 19:29	2/13/2024 9:00	810.5	0
860281	2/12/2024 19:29	2/13/2024 9:00	810.28	0
1020274	2/12/2024 19:29	2/13/2024 9:00	810.1	0
971524	2/12/2024 19:29	2/13/2024 9:00	810.27	0
449036	2/12/2024 19:29	2/13/2024 9:00	810.27	0
800600	2/12/2024 19:29	2/13/2024 9:00	810.28	0
188639	2/12/2024 19:29	2/13/2024 9:00	810.5	0
267537	2/12/2024 19:29	2/13/2024 9:00	810.5	0
800590	2/12/2024 19:30	2/13/2024 9:00	809.28	0
6280623	2/12/2024 19:30	2/13/2024 9:00	809.5	0
981933	2/12/2024 19:30	2/13/2024 9:00	809.1	0
381982	2/12/2024 19:30	2/13/2024 9:00	809.27	0
791361	2/12/2024 19:30	2/13/2024 9:00	809.28	0
8148103	2/12/2024 19:30	2/13/2024 9:00	809.5	0
509233	2/12/2024 19:30	2/13/2024 9:00	809.27	0
318402	2/12/2024 19:30	2/13/2024 9:00	809.5	0
8495805	2/12/2024 19:30	2/13/2024 9:00	809.27	0
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980398	2/12/2024 19:30	2/13/2024 9:00	809.1	0
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500322	2/12/2024 19:30	2/13/2024 9:00	809.27	0
1384509	2/12/2024 19:30	2/13/2024 9:00	809.65	0
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800576	2/12/2024 19:30	2/13/2024 9:00	809.28	0
794132	2/12/2024 19:30	2/13/2024 9:00	809.28	0
1556352	2/12/2024 19:30	2/13/2024 9:00	809.32	0
10510361	2/12/2024 19:30	2/13/2024 9:00	809.5	0
562346	2/12/2024 19:30	2/13/2024 9:00	809.27	0
1325831	2/12/2024 19:30	2/13/2024 8:35	785	0
498070	2/12/2024 19:30	2/13/2024 9:00	809.27	0
656498	2/12/2024 19:30	2/13/2024 9:00	809.28	0
800588	2/12/2024 19:30	2/13/2024 9:00	809.28	0

69207	2/12/2024 19:31	2/13/2024 9:00	808.5	0
997397	2/12/2024 19:31	2/13/2024 9:00	808.1	0
27443	2/12/2024 19:31	2/13/2024 9:00	808.5	0
315306	2/12/2024 19:31	2/13/2024 9:00	808.5	0
1368745	2/12/2024 19:31	2/13/2024 9:00	808.65	0
8434548	2/12/2024 19:31	2/13/2024 8:10	759	0
660265	2/12/2024 19:32	2/13/2024 9:00	807.28	0
315346	2/12/2024 19:32	2/13/2024 9:00	807.5	0
957216	2/12/2024 19:32	2/13/2024 9:00	807.1	0
447406	2/12/2024 19:32	2/13/2024 9:00	807.27	0
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1543287	2/12/2024 19:33	2/13/2024 9:00	806.32	0
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1444809	2/12/2024 19:33	2/13/2024 8:09	756	0
975066	2/12/2024 19:33	2/13/2024 9:00	806.1	0
281235	2/12/2024 19:33	2/13/2024 9:00	806.5	0
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627289	2/12/2024 19:33	2/13/2024 9:00	806.27	0
277301	2/12/2024 19:33	2/13/2024 9:00	806.5	0
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801004	2/12/2024 19:34	2/13/2024 9:00	805.28	0
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1041597	2/12/2024 19:34	2/13/2024 9:00	805.1	0
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793690	2/12/2024 19:34	2/13/2024 9:00	805.28	0
315730	2/12/2024 19:34	2/13/2024 8:07	753	0
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11176351	2/12/2024 19:35	2/13/2024 9:00	804.32	0
68620	2/12/2024 19:35	2/13/2024 9:00	804.5	0
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1638359	2/12/2024 19:35	2/13/2024 9:00	804.32	0
1393699	2/12/2024 19:35	2/13/2024 9:00	804.65	0
1415828	2/12/2024 19:35	2/13/2024 9:00	804.65	0
314188	2/12/2024 19:35	2/13/2024 8:40	785	0
1432827	2/12/2024 19:35	2/13/2024 9:00	804.32	0
1393633	2/12/2024 19:35	2/13/2024 9:00	804.65	0
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325050	2/12/2024 19:35	2/13/2024 9:00	804.5	0
8950281	2/12/2024 19:35	2/13/2024 8:43	788	0
7178975	2/12/2024 19:35	2/13/2024 8:09	754	0
24124	2/12/2024 19:35	2/13/2024 9:00	804.5	0
10433250	2/12/2024 19:35	2/13/2024 9:00	804.65	0
1556486	2/12/2024 19:35	2/13/2024 9:00	804.32	0
309961	2/12/2024 19:35	2/13/2024 9:00	804.5	0
7932279	2/12/2024 19:35	2/13/2024 9:00	804.32	0
197883	2/12/2024 19:36	2/13/2024 9:00	803.5	0
1664433	2/12/2024 19:36	2/13/2024 9:00	803.28	0
198082	2/12/2024 19:36	2/13/2024 9:00	803.5	0
1493766	2/12/2024 19:36	2/13/2024 9:00	803.65	0
8511623	2/12/2024 19:36	2/13/2024 9:00	803.5	0
8068454	2/12/2024 19:36	2/13/2024 9:00	803.27	0
1417279	2/12/2024 19:36	2/13/2024 9:00	803.65	0
1557303	2/12/2024 19:36	2/13/2024 9:00	803.32	0
12378019	2/12/2024 19:36	2/13/2024 9:00	803.5	0
1683861	2/12/2024 19:36	2/13/2024 9:00	803.5	0
1597556	2/12/2024 19:36	2/13/2024 9:00	803.32	0
1546695	2/12/2024 19:36	2/13/2024 9:00	803.32	0
1251782	2/12/2024 19:36	2/13/2024 9:00	803.28	0
658837	2/12/2024 19:36	2/13/2024 9:00	803.28	0
328570	2/12/2024 19:36	2/13/2024 9:00	803.5	0
10393495	2/12/2024 19:36	2/13/2024 9:00	803.5	0
353371	2/12/2024 19:37	2/13/2024 9:00	802.5	0
324249	2/12/2024 19:37	2/13/2024 9:00	802.5	0
793737	2/12/2024 19:37	2/13/2024 9:00	802.28	0
1412757	2/12/2024 19:37	2/13/2024 9:00	802.65	0
982261	2/12/2024 19:38	2/13/2024 9:00	801.1	0
1638479	2/12/2024 19:38	2/13/2024 9:00	801.32	0

1493132	2/12/2024 19:38	2/13/2024 9:00	801.65	0
1348444	2/12/2024 19:39	2/13/2024 9:00	800.65	0
1310926	2/12/2024 19:39	2/13/2024 9:00	800.65	0
323747	2/12/2024 19:39	2/13/2024 9:00	800.5	0
1556246	2/12/2024 19:39	2/13/2024 9:00	800.32	0
1584687	2/12/2024 19:39	2/13/2024 9:00	800.32	0
7937779	2/12/2024 19:39	2/13/2024 9:00	800.65	0
8486022	2/12/2024 19:39	2/13/2024 9:00	800.32	0
1350104	2/12/2024 19:39	2/13/2024 9:00	800.65	0
1430553	2/12/2024 19:39	2/13/2024 9:00	800.32	0
957615	2/12/2024 19:39	2/13/2024 9:00	800.1	0
756553	2/12/2024 19:39	2/13/2024 9:00	800.27	0
1349502	2/12/2024 19:39	2/13/2024 9:00	800.65	0
1351588	2/12/2024 19:39	2/13/2024 9:00	800.65	0
1547686	2/12/2024 19:39	2/13/2024 9:00	800.32	0
197629	2/12/2024 19:39	2/13/2024 9:00	800.5	0
320966	2/12/2024 19:40	2/13/2024 9:00	799.5	0
1414392	2/12/2024 19:40	2/13/2024 9:00	799.65	0
328113	2/12/2024 19:40	2/13/2024 9:00	799.5	0
324045	2/12/2024 19:40	2/13/2024 9:00	799.5	0
1450250	2/12/2024 19:40	2/13/2024 9:00	799.32	0
1376158	2/12/2024 19:40	2/13/2024 9:00	799.65	0
1523524	2/12/2024 19:40	2/13/2024 9:00	799.32	0
8495802	2/12/2024 19:40	2/13/2024 9:00	799.32	0
1515733	2/12/2024 19:40	2/13/2024 9:00	799.32	0
1554218	2/12/2024 19:41	2/13/2024 9:00	798.32	0
1453263	2/12/2024 19:41	2/13/2024 9:00	798.32	0
1547843	2/12/2024 19:41	2/13/2024 9:00	798.32	0
1416360	2/12/2024 19:41	2/13/2024 9:00	798.65	0
197356	2/12/2024 19:41	2/13/2024 9:00	798.5	0
1565203	2/12/2024 19:41	2/13/2024 9:00	798.32	0
1535304	2/12/2024 19:42	2/13/2024 9:00	797.32	0
1582130	2/12/2024 19:43	2/13/2024 9:00	796.32	0
1432940	2/12/2024 19:43	2/13/2024 7:58	735	0
1521655	2/12/2024 19:44	2/13/2024 9:00	795.32	0
1520371	2/12/2024 19:44	2/13/2024 9:00	795.32	0
1433348	2/12/2024 19:44	2/13/2024 7:54	730	0
1552154	2/12/2024 19:44	2/13/2024 9:00	795.32	0
1641091	2/12/2024 19:45	2/13/2024 9:00	794.32	0
1466445	2/12/2024 19:45	2/13/2024 8:58	793	0
1549436	2/12/2024 19:45	2/13/2024 9:00	794.32	0
1430838	2/12/2024 19:45	2/13/2024 9:00	794.32	0
1556243	2/12/2024 19:45	2/13/2024 9:00	794.32	0
1521914	2/12/2024 19:46	2/13/2024 9:00	793.32	0
1535397	2/12/2024 19:46	2/13/2024 9:00	793.32	0
1547692	2/12/2024 19:46	2/13/2024 9:00	793.32	0
1394365	2/12/2024 19:46	2/13/2024 9:00	793.65	0

1638308	2/12/2024 19:46	2/13/2024 9:00	793.32	0
1604432	2/12/2024 19:46	2/13/2024 9:00	793.32	0
1381983	2/12/2024 19:46	2/13/2024 9:00	793.65	0
1556434	2/12/2024 19:46	2/13/2024 9:00	793.32	0
1394324	2/12/2024 19:47	2/13/2024 9:00	792.65	0
1551513	2/12/2024 19:47	2/13/2024 9:00	792.32	0
9063373	2/12/2024 19:49	2/13/2024 9:00	790.65	0
317195	2/12/2024 20:14	2/13/2024 9:00	765.5	0
792391	2/12/2024 20:40	2/13/2024 9:00	739.28	0
1551510	2/12/2024 23:53	2/13/2024 9:00	546.32	0
1433348	2/13/2024 7:54	2/13/2024 9:00	65.32	0
1432940	2/13/2024 7:58	2/13/2024 9:00	61.32	0
237266	2/13/2024 8:01	2/13/2024 9:00	58.5	0
1347949	2/13/2024 8:07	2/13/2024 9:00	52.65	0
315730	2/13/2024 8:07	2/13/2024 9:00	52.5	0
1348551	2/13/2024 8:09	2/13/2024 9:00	50.65	0
7178975	2/13/2024 8:09	2/13/2024 9:00	50.5	0
1346455	2/13/2024 8:09	2/13/2024 9:00	50.65	0
1346665	2/13/2024 8:09	2/13/2024 9:00	50.65	0
1444809	2/13/2024 8:09	2/13/2024 9:00	50.32	0
8434548	2/13/2024 8:10	2/13/2024 9:00	49.5	0
1702936	2/13/2024 8:10	2/13/2024 9:00	49.65	0
315169	2/13/2024 8:11	2/13/2024 9:00	48.5	0
1347888	2/13/2024 8:11	2/13/2024 9:00	48.65	0
1348044	2/13/2024 8:11	2/13/2024 9:00	48.65	0
1348773	2/13/2024 8:11	2/13/2024 9:00	48.65	0
1350499	2/13/2024 8:12	2/13/2024 9:00	47.65	0
1325831	2/13/2024 8:35	2/13/2024 9:00	24.65	0
1418826	2/13/2024 8:35	2/13/2024 9:00	24.65	0
1418423	2/13/2024 8:37	2/13/2024 8:47	10	0
1326419	2/13/2024 8:37	2/13/2024 9:00	22.65	0
1363236	2/13/2024 8:38	2/13/2024 8:59	21	0
314188	2/13/2024 8:40	2/13/2024 9:00	19.5	0
8950281	2/13/2024 8:43	2/13/2024 9:00	16.5	0
1359008	2/13/2024 8:44	2/13/2024 9:00	15.65	0
317233	2/13/2024 8:45	2/13/2024 9:00	14.5	0
1418423	2/13/2024 8:47	2/13/2024 9:00	12.65	0
237177	2/13/2024 8:57	2/13/2024 9:00	2.5	0
733373	2/13/2024 8:57	2/13/2024 9:00	2.28	0
1466445	2/13/2024 8:58	2/13/2024 9:00	1.32	0
1363236	2/13/2024 8:59	2/13/2024 9:00	0.65	0
1453263	2/13/2024 9:00	2/13/2024 10:54	114	0
1366197	2/13/2024 9:00	2/14/2024 9:00	1439.65	0
1418423	2/13/2024 9:00	2/14/2024 9:00	1439.65	0
314945	2/13/2024 9:00	2/13/2024 19:44	644	0.47
554089	2/13/2024 9:00	2/14/2024 9:00	1439.27	0
447406	2/13/2024 9:00	2/14/2024 9:00	1439.27	0

1394324	2/13/2024 9:00	2/14/2024 9:00	1439.65	0
1516786	2/13/2024 9:00	2/13/2024 15:34	394	0
8668965	2/13/2024 9:00	2/13/2024 15:16	376	0
1352388	2/13/2024 9:00	2/14/2024 9:00	1439.65	0
1516579	2/13/2024 9:00	2/13/2024 10:54	114	0
1418826	2/13/2024 9:00	2/13/2024 20:02	662	0
10393495	2/13/2024 9:00	2/13/2024 19:55	655	0.05
574993	2/13/2024 9:00	2/13/2024 14:59	359	0
1359008	2/13/2024 9:01	2/13/2024 19:39	638	0
315730	2/13/2024 9:01	2/13/2024 19:42	641	0
1432940	2/13/2024 9:06	2/13/2024 19:46	640	0
664030	2/13/2024 9:06	2/14/2024 9:00	1433.28	0
110607	2/13/2024 9:06	2/14/2024 9:00	1433.5	0
237177	2/13/2024 9:07	2/13/2024 19:34	627	0
1444809	2/13/2024 9:07	2/13/2024 19:41	634	1.85
1288420	2/13/2024 9:07	2/14/2024 9:00	1432.65	0
8950281	2/13/2024 9:08	2/13/2024 13:55	287	0
237266	2/13/2024 9:08	2/13/2024 19:38	630	0
1433348	2/13/2024 9:08	2/13/2024 19:43	635	0
1466445	2/13/2024 9:09	2/13/2024 14:19	310	0
317233	2/13/2024 9:13	2/13/2024 10:30	77	0
1363236	2/13/2024 9:15	2/13/2024 10:18	63	0
1321605	2/13/2024 9:26	2/13/2024 19:28	602	0
317797	2/13/2024 9:27	2/13/2024 19:38	611	0
6280623	2/13/2024 9:27	2/13/2024 19:27	600	0
10510361	2/13/2024 9:29	2/13/2024 19:43	614	0
317084	2/13/2024 9:30	2/13/2024 19:41	611	0
315345	2/13/2024 9:31	2/13/2024 19:53	622	0
318402	2/13/2024 9:31	2/13/2024 19:47	616	0
315346	2/13/2024 9:39	2/13/2024 19:54	615	0
353371	2/13/2024 9:41	2/13/2024 11:00	79	0
353082	2/13/2024 9:42	2/13/2024 10:55	73	0
418876	2/13/2024 9:43	2/13/2024 12:29	166	0
1403562	2/13/2024 9:44	2/13/2024 19:39	595	0
1503507	2/13/2024 9:44	2/13/2024 19:50	606	0.57
1430294	2/13/2024 9:45	2/13/2024 10:10	25	0
980398	2/13/2024 9:46	2/13/2024 19:38	592	0
1430553	2/13/2024 9:46	2/13/2024 19:32	586	0
1430838	2/13/2024 9:47	2/13/2024 19:48	601	0
1554218	2/13/2024 9:48	2/13/2024 12:00	132	0
1556434	2/13/2024 9:49	2/13/2024 11:53	124	0
1430644	2/13/2024 9:49	2/13/2024 19:36	587	0
1556486	2/13/2024 9:50	2/13/2024 11:50	120	0
573050	2/13/2024 9:50	2/13/2024 11:50	120	0
1557303	2/13/2024 9:52	2/13/2024 11:51	119	0
1701172	2/13/2024 9:54	2/13/2024 19:32	578	0
808384	2/13/2024 9:56	2/13/2024 19:33	577	0

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1513363	2/13/2024 10:03	2/13/2024 11:49	106	0
1535397	2/13/2024 10:04	2/13/2024 19:37	573	0
1535304	2/13/2024 10:05	2/13/2024 19:47	582	0
1513398	2/13/2024 10:05	2/13/2024 11:50	105	0
196408	2/13/2024 10:05	2/13/2024 19:40	575	0
197883	2/13/2024 10:05	2/13/2024 19:38	573	0
237312	2/13/2024 10:05	2/13/2024 19:50	585	0
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1552154	2/13/2024 10:06	2/13/2024 11:40	94	0
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793638	2/13/2024 10:07	2/13/2024 10:48	41	0
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1348379	2/13/2024 10:12	2/13/2024 19:49	577	0
275018	2/13/2024 10:12	2/13/2024 19:42	570	0
1348476	2/13/2024 10:13	2/13/2024 10:19	6	0
1671958	2/13/2024 10:13	2/13/2024 12:29	136	0
1363108	2/13/2024 10:14	2/13/2024 12:56	162	0
1362461	2/13/2024 10:17	2/13/2024 12:54	157	0
7178975	2/13/2024 10:17	2/13/2024 19:44	567	0
1604432	2/13/2024 10:17	2/13/2024 15:38	321	0.73
323747	2/13/2024 10:17	2/13/2024 14:24	247	0
324249	2/13/2024 10:17	2/13/2024 14:28	251	0
997397	2/13/2024 10:18	2/13/2024 11:32	74	0
1363236	2/13/2024 10:18	2/13/2024 19:47	569	0
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1348476	2/13/2024 10:19	2/13/2024 20:53	634	0
1430294	2/13/2024 10:20	2/13/2024 20:04	584	0
510974	2/13/2024 10:21	2/13/2024 18:40	499	0
511266	2/13/2024 10:21	2/13/2024 19:48	567	0
197561	2/13/2024 10:22	2/13/2024 19:35	553	0
1321750	2/13/2024 10:22	2/13/2024 20:05	583	0
1683861	2/13/2024 10:22	2/13/2024 19:44	562	0
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500173	2/13/2024 10:23	2/13/2024 19:36	553	1.21
353728	2/13/2024 10:23	2/13/2024 12:16	113	0
507365	2/13/2024 10:24	2/13/2024 19:48	564	0
510307	2/13/2024 10:25	2/13/2024 19:40	555	0
1466357	2/13/2024 10:26	2/13/2024 14:20	234	0
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1415828	2/13/2024 10:27	2/13/2024 10:48	21	0
8148103	2/13/2024 10:27	2/13/2024 19:54	567	0
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317233	2/13/2024 10:30	2/13/2024 20:19	589	0

314188	2/13/2024 10:31	2/13/2024 19:41	550	0
320966	2/13/2024 10:31	2/13/2024 19:46	555	0
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1556243	2/13/2024 10:35	2/13/2024 11:50	75	0
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456099	2/13/2024 10:37	2/13/2024 11:39	62	0
506261	2/13/2024 10:38	2/13/2024 19:44	546	0.18
380736	2/13/2024 10:40	2/13/2024 15:44	304	0
6995795	2/13/2024 10:42	2/13/2024 15:43	301	0
1493766	2/13/2024 10:42	2/13/2024 19:29	527	0
1414392	2/13/2024 10:42	2/13/2024 11:08	26	0
381982	2/13/2024 10:43	2/13/2024 15:46	303	0
1325831	2/13/2024 10:46	2/13/2024 10:56	10	0
909115	2/13/2024 10:47	2/13/2024 19:42	535	0
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793638	2/13/2024 10:48	2/14/2024 9:00	1331.28	0
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446329	2/13/2024 10:49	2/13/2024 19:55	546	0
1365924	2/13/2024 10:52	2/13/2024 12:53	121	0
664453	2/13/2024 10:53	2/14/2024 9:00	1326.28	0
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1516579	2/13/2024 10:54	2/13/2024 10:59	5	0
8524544	2/13/2024 10:55	2/13/2024 19:44	529	0
315293	2/13/2024 10:55	2/13/2024 18:55	480	0
353082	2/13/2024 10:55	2/13/2024 11:58	63	0
1324274	2/13/2024 10:55	2/13/2024 19:43	528	0
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8495802	2/13/2024 10:59	2/13/2024 19:44	525	2.03
1516579	2/13/2024 10:59	2/13/2024 11:09	10	0
454861	2/13/2024 10:59	2/13/2024 11:38	39	0
353371	2/13/2024 11:00	2/13/2024 13:52	172	0
1363754	2/13/2024 11:00	2/13/2024 13:11	131	0
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252859	2/13/2024 11:01	2/13/2024 19:36	515	0
624628	2/13/2024 11:03	2/13/2024 11:39	36	0
96506	2/13/2024 11:03	2/13/2024 19:48	525	0
624716	2/13/2024 11:03	2/13/2024 19:50	527	0
626477	2/13/2024 11:04	2/13/2024 19:34	510	0
449036	2/13/2024 11:04	2/13/2024 11:30	26	0
49209	2/13/2024 11:04	2/13/2024 19:48	524	0
971524	2/13/2024 11:04	2/13/2024 11:39	35	0
99953	2/13/2024 11:05	2/13/2024 19:34	509	0
733373	2/13/2024 11:05	2/13/2024 13:48	163	0

1432827	2/13/2024 11:05	2/13/2024 19:35	510	0
627018	2/13/2024 11:05	2/13/2024 11:36	31	0
70866	2/13/2024 11:05	2/13/2024 20:06	541	0
8068454	2/13/2024 11:05	2/13/2024 11:21	16	0
195839	2/13/2024 11:07	2/13/2024 19:34	507	0
8590289	2/13/2024 11:08	2/13/2024 19:47	519	0
627289	2/13/2024 11:08	2/13/2024 11:36	28	0
1414392	2/13/2024 11:08	2/13/2024 18:39	451	0
605186	2/13/2024 11:08	2/13/2024 19:47	519	0
1516579	2/13/2024 11:09	2/13/2024 11:14	5	0
21306	2/13/2024 11:10	2/13/2024 19:41	511	0
955448	2/13/2024 11:10	2/13/2024 11:38	28	0
956125	2/13/2024 11:12	2/13/2024 11:37	25	0
957615	2/13/2024 11:13	2/13/2024 11:34	21	0
313269	2/13/2024 11:13	2/13/2024 19:43	510	0
957216	2/13/2024 11:14	2/13/2024 11:40	26	0
1516579	2/13/2024 11:14	2/13/2024 11:25	11	0
11176351	2/13/2024 11:14	2/13/2024 19:32	498	0.61
1602693	2/13/2024 11:16	2/14/2024 9:00	1303.32	0
1364172	2/13/2024 11:17	2/13/2024 12:57	100	0
325050	2/13/2024 11:18	2/13/2024 14:27	189	0
196965	2/13/2024 11:19	2/13/2024 19:37	498	0.12
1672784	2/13/2024 11:19	2/14/2024 9:00	1300.27	0
197356	2/13/2024 11:20	2/13/2024 19:51	511	0
6623421	2/13/2024 11:20	2/13/2024 11:41	21	0
324045	2/13/2024 11:20	2/13/2024 14:23	183	0
8068454	2/13/2024 11:21	2/13/2024 19:55	514	0
315169	2/13/2024 11:23	2/13/2024 19:40	497	0
1307575	2/13/2024 11:24	2/13/2024 14:17	173	0
1093833	2/13/2024 11:24	2/13/2024 19:38	494	0
658658	2/13/2024 11:24	2/13/2024 11:40	16	0
567126	2/13/2024 11:25	2/13/2024 19:44	499	0
1516579	2/13/2024 11:25	2/13/2024 11:30	5	0
1463520	2/13/2024 11:26	2/13/2024 14:20	174	0
1415828	2/13/2024 11:28	2/13/2024 19:38	490	0
1325831	2/13/2024 11:28	2/13/2024 20:49	561	0
1654064	2/13/2024 11:29	2/13/2024 19:27	478	0
1516579	2/13/2024 11:30	2/13/2024 11:35	5	0
449036	2/13/2024 11:30	2/13/2024 14:23	173	0
997397	2/13/2024 11:32	2/13/2024 11:48	16	0
1464949	2/13/2024 11:32	2/13/2024 19:30	478	0
1416360	2/13/2024 11:32	2/13/2024 19:46	494	0
1463218	2/13/2024 11:32	2/13/2024 19:30	478	0
68620	2/13/2024 11:33	2/13/2024 12:01	28	0
957615	2/13/2024 11:34	2/14/2024 9:00	1285.1	0
1516579	2/13/2024 11:35	2/13/2024 11:41	6	0
1076617	2/13/2024 11:35	2/13/2024 19:53	498	2.05

563721	2/13/2024 11:35	2/13/2024 14:09	154	0
1453263	2/13/2024 11:36	2/13/2024 14:50	194	0
1515733	2/13/2024 11:36	2/13/2024 13:31	115	0
627289	2/13/2024 11:36	2/13/2024 14:13	157	0.03
627018	2/13/2024 11:36	2/13/2024 14:15	159	0
328408	2/13/2024 11:36	2/13/2024 12:08	32	0
1310926	2/13/2024 11:37	2/13/2024 14:50	193	0
956125	2/13/2024 11:37	2/13/2024 11:51	14	0
1457350	2/13/2024 11:37	2/14/2024 9:00	1282.32	0
69207	2/13/2024 11:37	2/13/2024 12:01	24	0
454861	2/13/2024 11:38	2/13/2024 11:52	14	0
955448	2/13/2024 11:38	2/13/2024 11:49	11	0
1324907	2/13/2024 11:38	2/13/2024 14:30	172	0
1547843	2/13/2024 11:39	2/13/2024 19:47	488	0.17
971524	2/13/2024 11:39	2/13/2024 14:16	157	0
456099	2/13/2024 11:39	2/13/2024 11:49	10	0
624628	2/13/2024 11:39	2/13/2024 14:16	157	0
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658658	2/13/2024 11:40	2/13/2024 13:04	84	0
1552154	2/13/2024 11:40	2/13/2024 12:59	79	0
957216	2/13/2024 11:40	2/13/2024 11:50	10	0
7932279	2/13/2024 11:41	2/13/2024 19:33	472	0
6623421	2/13/2024 11:41	2/13/2024 11:51	10	0
1516579	2/13/2024 11:41	2/13/2024 14:18	157	0
1551513	2/13/2024 11:44	2/13/2024 13:03	79	0
1549436	2/13/2024 11:44	2/13/2024 12:57	73	0
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1546695	2/13/2024 11:44	2/13/2024 13:03	79	0
68308	2/13/2024 11:46	2/13/2024 19:31	465	0
997397	2/13/2024 11:48	2/13/2024 14:25	157	0
955448	2/13/2024 11:49	2/13/2024 11:59	10	0
1513363	2/13/2024 11:49	2/13/2024 13:14	85	0
456099	2/13/2024 11:49	2/13/2024 12:21	32	0
593397	2/13/2024 11:50	2/13/2024 14:07	137	0
1513398	2/13/2024 11:50	2/13/2024 13:09	79	0
1556246	2/13/2024 11:50	2/13/2024 13:14	84	0
1556486	2/13/2024 11:50	2/13/2024 13:14	84	0
1556243	2/13/2024 11:50	2/13/2024 13:14	84	0
957216	2/13/2024 11:50	2/13/2024 12:01	11	0
573050	2/13/2024 11:50	2/13/2024 12:06	16	0
1510338	2/13/2024 11:51	2/13/2024 12:17	26	0
956125	2/13/2024 11:51	2/13/2024 12:02	11	0
1556352	2/13/2024 11:51	2/13/2024 13:11	80	0
6623421	2/13/2024 11:51	2/13/2024 12:38	47	0
593366	2/13/2024 11:51	2/13/2024 14:07	136	0
1557303	2/13/2024 11:51	2/13/2024 13:13	82	0
454861	2/13/2024 11:52	2/13/2024 12:19	27	0

224277	2/13/2024 11:53	2/13/2024 15:02	189	0
1556434	2/13/2024 11:53	2/13/2024 13:11	78	0
1417279	2/13/2024 11:55	2/13/2024 16:10	255	0
353082	2/13/2024 11:58	2/13/2024 14:04	126	0
955448	2/13/2024 11:59	2/13/2024 12:15	16	0
1554218	2/13/2024 12:00	2/13/2024 13:14	74	0
957216	2/13/2024 12:01	2/13/2024 12:17	16	0
69207	2/13/2024 12:01	2/13/2024 15:00	179	0
68620	2/13/2024 12:01	2/13/2024 14:58	177	0
956125	2/13/2024 12:02	2/13/2024 12:13	11	0
486985	2/13/2024 12:02	2/14/2024 9:00	1257.27	0
945898	2/13/2024 12:04	2/13/2024 14:00	116	0
486880	2/13/2024 12:06	2/14/2024 9:00	1253.27	0
573050	2/13/2024 12:06	2/13/2024 19:37	451	0
1552790	2/13/2024 12:07	2/13/2024 19:40	453	0
1550545	2/13/2024 12:07	2/13/2024 19:28	441	0
328408	2/13/2024 12:08	2/13/2024 19:49	461	0
1552699	2/13/2024 12:10	2/13/2024 19:42	452	0
1550546	2/13/2024 12:10	2/13/2024 19:36	446	0
204700	2/13/2024 12:12	2/13/2024 19:38	446	0
1393633	2/13/2024 12:12	2/13/2024 12:54	42	0
956125	2/13/2024 12:13	2/14/2024 9:00	1246.1	0
204963	2/13/2024 12:13	2/13/2024 19:44	451	0
955448	2/13/2024 12:15	2/14/2024 9:00	1244.1	0
588892	2/13/2024 12:16	2/13/2024 19:33	437	0
1551510	2/13/2024 12:16	2/13/2024 13:45	89	0
348328	2/13/2024 12:16	2/14/2024 9:00	1243.5	0
353728	2/13/2024 12:16	2/14/2024 8:52	1236	0
1510338	2/13/2024 12:17	2/14/2024 9:00	1242.32	0
957216	2/13/2024 12:17	2/14/2024 9:00	1242.1	0
197629	2/13/2024 12:18	2/13/2024 19:34	436	0
454861	2/13/2024 12:19	2/13/2024 12:57	38	0
456099	2/13/2024 12:21	2/13/2024 14:42	141	0
418876	2/13/2024 12:29	2/13/2024 15:07	158	0
1671958	2/13/2024 12:29	2/13/2024 15:08	159	0
1393699	2/13/2024 12:34	2/13/2024 12:52	18	0
793737	2/13/2024 12:37	2/14/2024 9:00	1222.28	0
660265	2/13/2024 12:38	2/13/2024 19:43	425	0
6623421	2/13/2024 12:38	2/14/2024 9:00	1221.32	0
791361	2/13/2024 12:39	2/14/2024 9:00	1220.28	0
1393699	2/13/2024 12:52	2/13/2024 13:37	45	0.01
1365924	2/13/2024 12:53	2/14/2024 9:00	1206.65	0
1393633	2/13/2024 12:54	2/13/2024 13:37	43	0
1362461	2/13/2024 12:54	2/14/2024 8:15	1161	0
1363108	2/13/2024 12:56	2/14/2024 8:15	1159	0
1672454	2/13/2024 12:56	2/13/2024 19:46	410	0
1549436	2/13/2024 12:57	2/14/2024 9:00	1202.32	0

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1364172	2/13/2024 12:57	2/14/2024 9:00	1202.65	0
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1939790	2/13/2024 12:59	2/14/2024 9:00	1200.32	0
1551513	2/13/2024 13:03	2/13/2024 13:45	42	0
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656498	2/13/2024 13:03	2/13/2024 19:39	396	0
658658	2/13/2024 13:04	2/14/2024 9:00	1195.28	0
658177	2/13/2024 13:04	2/13/2024 19:41	397	0
1513398	2/13/2024 13:09	2/13/2024 14:12	63	0
1363754	2/13/2024 13:11	2/14/2024 9:00	1188.65	0
1556352	2/13/2024 13:11	2/13/2024 14:13	62	0
1556434	2/13/2024 13:11	2/13/2024 14:38	87	0
1557303	2/13/2024 13:13	2/13/2024 14:11	58	0
1556243	2/13/2024 13:14	2/13/2024 14:27	73	0
1513363	2/13/2024 13:14	2/13/2024 14:12	58	0
1556486	2/13/2024 13:14	2/13/2024 13:56	42	0
1556246	2/13/2024 13:14	2/13/2024 14:27	73	0
1554218	2/13/2024 13:14	2/13/2024 14:12	58	0
34887	2/13/2024 13:18	2/13/2024 15:05	107	0
35442	2/13/2024 13:19	2/13/2024 15:05	106	0
34905	2/13/2024 13:20	2/13/2024 15:21	121	0
34832	2/13/2024 13:22	2/13/2024 15:07	105	0
706599	2/13/2024 13:25	2/13/2024 15:10	105	0
465344	2/13/2024 13:26	2/14/2024 9:00	1173.27	0
34613	2/13/2024 13:30	2/14/2024 9:00	1169.5	0
1515733	2/13/2024 13:31	2/13/2024 14:18	47	0
1393633	2/13/2024 13:37	2/13/2024 14:34	57	0
1393699	2/13/2024 13:37	2/13/2024 14:19	42	0
397349	2/13/2024 13:38	2/14/2024 9:00	1161.27	0
1551513	2/13/2024 13:45	2/13/2024 15:17	92	0
1551510	2/13/2024 13:45	2/13/2024 14:32	47	0
733373	2/13/2024 13:48	2/13/2024 16:52	184	0
1599209	2/13/2024 13:50	2/13/2024 19:36	346	0
1597556	2/13/2024 13:51	2/13/2024 19:38	347	0
353371	2/13/2024 13:52	2/13/2024 14:07	15	0
8950281	2/13/2024 13:55	2/13/2024 19:46	351	0
348446	2/13/2024 13:55	2/14/2024 9:00	1144.5	0
1556486	2/13/2024 13:56	2/13/2024 14:12	16	0
223338	2/13/2024 13:59	2/14/2024 9:00	1140.5	0
945898	2/13/2024 14:00	2/13/2024 14:10	10	0
353082	2/13/2024 14:04	2/13/2024 14:20	16	0
593366	2/13/2024 14:07	2/13/2024 14:23	16	0
593397	2/13/2024 14:07	2/13/2024 14:23	16	0
353371	2/13/2024 14:07	2/13/2024 14:23	16	0
563721	2/13/2024 14:09	2/13/2024 14:56	47	0
945898	2/13/2024 14:10	2/13/2024 14:58	48	0

1557303	2/13/2024 14:11	2/13/2024 14:27	16	0
1513363	2/13/2024 14:12	2/13/2024 14:27	15	0
1554218	2/13/2024 14:12	2/13/2024 14:27	15	0
1556486	2/13/2024 14:12	2/13/2024 14:27	15	0
1513398	2/13/2024 14:12	2/13/2024 14:28	16	0
627289	2/13/2024 14:13	2/13/2024 14:29	16	0
1556352	2/13/2024 14:13	2/13/2024 14:29	16	0
623612	2/13/2024 14:14	2/14/2024 9:00	1125.27	0
623069	2/13/2024 14:14	2/14/2024 9:00	1125.27	0
623871	2/13/2024 14:15	2/14/2024 9:00	1124.27	0
627018	2/13/2024 14:15	2/13/2024 14:31	16	0
624628	2/13/2024 14:16	2/13/2024 14:27	11	0
971524	2/13/2024 14:16	2/13/2024 14:27	11	0
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1469850	2/13/2024 14:18	2/13/2024 14:34	16	0
1516579	2/13/2024 14:18	2/13/2024 14:23	5	0
1515733	2/13/2024 14:18	2/13/2024 14:29	11	0
1466445	2/13/2024 14:19	2/13/2024 14:34	15	0
1393699	2/13/2024 14:19	2/13/2024 14:35	16	0
6761269	2/13/2024 14:20	2/13/2024 20:17	357	0
1466357	2/13/2024 14:20	2/13/2024 14:35	15	0
353082	2/13/2024 14:20	2/13/2024 14:35	15	0
1463520	2/13/2024 14:20	2/13/2024 14:35	15	0
1469270	2/13/2024 14:21	2/13/2024 14:31	10	0
449036	2/13/2024 14:23	2/13/2024 19:44	321	0
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593397	2/13/2024 14:23	2/13/2024 15:10	47	0
353371	2/13/2024 14:23	2/13/2024 14:39	16	0
324045	2/13/2024 14:23	2/13/2024 14:39	16	0
1516579	2/13/2024 14:23	2/13/2024 14:34	11	0
323747	2/13/2024 14:24	2/13/2024 15:11	47	0
997397	2/13/2024 14:25	2/13/2024 14:41	16	0
1557303	2/13/2024 14:27	2/13/2024 14:58	31	0
1556486	2/13/2024 14:27	2/13/2024 14:59	32	0
325050	2/13/2024 14:27	2/13/2024 14:37	10	0
1556243	2/13/2024 14:27	2/13/2024 14:59	32	0
1554218	2/13/2024 14:27	2/13/2024 14:59	32	0
1556246	2/13/2024 14:27	2/13/2024 14:59	32	0
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624628	2/13/2024 14:27	2/13/2024 14:58	31	0
1513363	2/13/2024 14:27	2/13/2024 14:59	32	0
324249	2/13/2024 14:28	2/13/2024 15:10	42	0
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1515733	2/13/2024 14:29	2/13/2024 14:50	21	0

627289	2/13/2024 14:29	2/13/2024 15:01	32	0
1324907	2/13/2024 14:30	2/13/2024 15:01	31	0
1469270	2/13/2024 14:31	2/13/2024 15:45	74	0
627018	2/13/2024 14:31	2/13/2024 15:02	31	0
1333801	2/13/2024 14:32	2/13/2024 15:03	31	0
1551510	2/13/2024 14:32	2/13/2024 15:20	48	0
1546695	2/13/2024 14:32	2/13/2024 15:14	42	0
1516579	2/13/2024 14:34	2/13/2024 14:39	5	0
1469850	2/13/2024 14:34	2/13/2024 14:50	16	0
1393633	2/13/2024 14:34	2/13/2024 20:00	326	0
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1466357	2/13/2024 14:35	2/13/2024 14:51	16	0
1393699	2/13/2024 14:35	2/13/2024 19:40	305	0
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1463520	2/13/2024 14:35	2/13/2024 14:51	16	0
658837	2/13/2024 14:35	2/13/2024 14:50	15	0.03
48217	2/13/2024 14:37	2/13/2024 19:47	310	0
325050	2/13/2024 14:37	2/13/2024 19:40	303	0
1556434	2/13/2024 14:38	2/13/2024 14:59	21	0
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8434548	2/13/2024 14:39	2/13/2024 19:38	299	0
353371	2/13/2024 14:39	2/13/2024 19:45	306	0
324045	2/13/2024 14:39	2/13/2024 19:49	310	0
1516579	2/13/2024 14:39	2/13/2024 14:50	11	0
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1064514	2/13/2024 14:39	2/13/2024 19:23	284	0
997397	2/13/2024 14:41	2/13/2024 19:30	289	0
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1431752	2/13/2024 14:49	2/13/2024 19:33	284	0
1321114	2/13/2024 14:49	2/13/2024 18:35	226	0
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658837	2/13/2024 14:50	2/13/2024 19:44	294	0
1469850	2/13/2024 14:50	2/13/2024 22:44	474	0
1453263	2/13/2024 14:50	2/13/2024 19:39	289	0
1515733	2/13/2024 14:50	2/13/2024 19:39	289	0
1310926	2/13/2024 14:50	2/13/2024 19:44	294	0
1466445	2/13/2024 14:50	2/13/2024 19:49	299	0
1463520	2/13/2024 14:51	2/13/2024 19:42	291	0
1466357	2/13/2024 14:51	2/13/2024 19:37	286	0
1516579	2/13/2024 14:55	2/13/2024 15:00	5	0
563721	2/13/2024 14:56	2/13/2024 19:40	284	0

945898	2/13/2024 14:58	2/13/2024 19:27	269	0
68620	2/13/2024 14:58	2/13/2024 19:40	282	0
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1557303	2/13/2024 14:58	2/13/2024 19:37	279	0
277301	2/13/2024 14:58	2/13/2024 19:41	283	0
276488	2/13/2024 14:58	2/13/2024 18:16	198	0
971524	2/13/2024 14:58	2/13/2024 19:36	278	0
1556486	2/13/2024 14:59	2/13/2024 19:42	283	0
574993	2/13/2024 14:59	2/13/2024 15:05	6	0
1556246	2/13/2024 14:59	2/13/2024 19:47	288	0
1513363	2/13/2024 14:59	2/13/2024 19:42	283	0
1556434	2/13/2024 14:59	2/13/2024 19:48	289	0
800590	2/13/2024 14:59	2/13/2024 17:32	153	0
1556243	2/13/2024 14:59	2/13/2024 19:44	285	0
1554218	2/13/2024 14:59	2/13/2024 19:26	267	0
800588	2/13/2024 15:00	2/13/2024 19:38	278	0
1516579	2/13/2024 15:00	2/13/2024 15:05	5	0
69207	2/13/2024 15:00	2/13/2024 19:48	288	0
1556352	2/13/2024 15:00	2/13/2024 19:38	278	0
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1513398	2/13/2024 15:00	2/13/2024 19:38	278	0
627289	2/13/2024 15:01	2/13/2024 19:49	288	0
274522	2/13/2024 15:01	2/13/2024 19:44	283	0
1324907	2/13/2024 15:01	2/13/2024 16:08	67	0
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224277	2/13/2024 15:02	2/13/2024 19:39	277	0
627018	2/13/2024 15:02	2/13/2024 19:37	275	0
1333801	2/13/2024 15:03	2/13/2024 23:58	535	0
989956	2/13/2024 15:03	2/13/2024 19:34	271	0
801004	2/13/2024 15:05	2/13/2024 19:33	268	0
574993	2/13/2024 15:05	2/13/2024 15:15	10	0
1516579	2/13/2024 15:05	2/13/2024 15:16	11	0
8834169	2/13/2024 15:05	2/14/2024 9:00	1074.32	0
800600	2/13/2024 15:05	2/13/2024 19:38	273	0
34887	2/13/2024 15:05	2/13/2024 19:38	273	0
35442	2/13/2024 15:05	2/13/2024 19:47	282	0
418876	2/13/2024 15:07	2/13/2024 19:40	273	0
34832	2/13/2024 15:07	2/13/2024 19:44	277	0
1671958	2/13/2024 15:08	2/13/2024 19:24	256	0
593397	2/13/2024 15:10	2/13/2024 19:33	263	0
324249	2/13/2024 15:10	2/13/2024 19:49	279	0
706599	2/13/2024 15:10	2/13/2024 19:33	263	0
323747	2/13/2024 15:11	2/13/2024 19:49	278	0
593366	2/13/2024 15:11	2/13/2024 19:38	267	0
1546695	2/13/2024 15:14	2/13/2024 19:42	268	0
574993	2/13/2024 15:15	2/13/2024 15:20	5	0
1602630	2/13/2024 15:16	2/13/2024 19:39	263	0

8668965	2/13/2024 15:16	2/13/2024 19:37	261	0
1516579	2/13/2024 15:16	2/13/2024 15:21	5	0
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1584264	2/13/2024 15:19	2/13/2024 19:31	252	0
188639	2/13/2024 15:20	2/13/2024 19:43	263	0
793690	2/13/2024 15:20	2/13/2024 19:38	258	0
1551510	2/13/2024 15:20	2/13/2024 22:14	414	0
29635	2/13/2024 15:20	2/14/2024 9:00	1059.5	0
574993	2/13/2024 15:20	2/13/2024 15:41	21	0
34905	2/13/2024 15:21	2/13/2024 19:49	268	0
1516579	2/13/2024 15:21	2/13/2024 15:26	5	0
24124	2/13/2024 15:21	2/13/2024 19:48	267	0
25674	2/13/2024 15:21	2/13/2024 19:43	262	0
1516579	2/13/2024 15:26	2/13/2024 15:31	5	0
1565203	2/13/2024 15:26	2/13/2024 19:43	257	0
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1516579	2/13/2024 15:31	2/13/2024 15:42	11	0
1019446	2/13/2024 15:31	2/13/2024 19:35	244	0
1074779	2/13/2024 15:32	2/13/2024 15:43	11	0
1020274	2/13/2024 15:32	2/13/2024 19:31	239	0
562346	2/13/2024 15:32	2/13/2024 15:43	11	0
1020387	2/13/2024 15:32	2/13/2024 19:33	241	0
1513959	2/13/2024 15:33	2/13/2024 23:20	467	0
1516786	2/13/2024 15:34	2/13/2024 19:46	252	0
562202	2/13/2024 15:36	2/13/2024 15:42	6	0
1624452	2/13/2024 15:36	2/13/2024 19:38	242	0
634044	2/13/2024 15:38	2/13/2024 19:35	237	0
1604432	2/13/2024 15:38	2/13/2024 15:53	15	0
574993	2/13/2024 15:41	2/13/2024 15:47	6	0
634779	2/13/2024 15:41	2/13/2024 19:43	242	0
562202	2/13/2024 15:42	2/13/2024 15:47	5	0
1516579	2/13/2024 15:42	2/13/2024 15:47	5	0
1074779	2/13/2024 15:43	2/13/2024 19:42	239	0
6995795	2/13/2024 15:43	2/13/2024 19:50	247	0
562346	2/13/2024 15:43	2/13/2024 19:44	241	0
380736	2/13/2024 15:44	2/13/2024 19:35	231	0
1469270	2/13/2024 15:45	2/13/2024 22:19	394	0
381982	2/13/2024 15:46	2/13/2024 19:48	242	0
562202	2/13/2024 15:47	2/14/2024 9:00	1032.27	0
574993	2/13/2024 15:47	2/13/2024 15:57	10	0
1516579	2/13/2024 15:47	2/14/2024 9:00	1032.32	0
469018	2/13/2024 15:52	2/13/2024 19:38	226	0
456099	2/13/2024 15:53	2/13/2024 19:44	231	0
1604432	2/13/2024 15:53	2/14/2024 1:57	604	0
454861	2/13/2024 15:56	2/13/2024 19:47	231	0
574993	2/13/2024 15:57	2/13/2024 16:02	5	0
574993	2/13/2024 16:02	2/13/2024 16:13	11	0

981933	2/13/2024 16:07	2/13/2024 19:43	216	0
1324907	2/13/2024 16:08	2/14/2024 9:00	1011.65	0
1417279	2/13/2024 16:10	2/13/2024 19:40	210	0
1466638	2/13/2024 16:11	2/13/2024 16:43	32	0
317195	2/13/2024 16:11	2/13/2024 22:23	372	0
574993	2/13/2024 16:13	2/13/2024 16:18	5	0
315088	2/13/2024 16:15	2/13/2024 19:35	200	0
574993	2/13/2024 16:18	2/13/2024 16:55	37	0
330528	2/13/2024 16:21	2/14/2024 9:00	998.5	0
8502011	2/13/2024 16:27	2/13/2024 21:11	284	0
1466638	2/13/2024 16:43	2/13/2024 17:25	42	0
733373	2/13/2024 16:52	2/13/2024 17:08	16	0
574993	2/13/2024 16:55	2/13/2024 17:00	5	0
574993	2/13/2024 17:00	2/13/2024 17:11	11	0
733373	2/13/2024 17:08	2/13/2024 17:23	15	0
574993	2/13/2024 17:11	2/13/2024 17:16	5	0
574993	2/13/2024 17:16	2/14/2024 9:00	943.27	0
733373	2/13/2024 17:23	2/13/2024 17:55	32	0
1466638	2/13/2024 17:25	2/13/2024 19:25	120	0
800590	2/13/2024 17:32	2/14/2024 9:00	927.28	0
733373	2/13/2024 17:55	2/13/2024 20:01	126	0
276488	2/13/2024 18:16	2/14/2024 9:00	883.5	0
1378273	2/13/2024 18:16	2/13/2024 19:40	84	0
817825	2/13/2024 18:21	2/14/2024 3:51	570	0
1321114	2/13/2024 18:35	2/14/2024 9:00	864.65	0
1414392	2/13/2024 18:39	2/14/2024 9:00	860.65	0
510974	2/13/2024 18:40	2/14/2024 9:00	859.27	0
1320619	2/13/2024 18:46	2/14/2024 9:00	853.65	0
315293	2/13/2024 18:55	2/14/2024 9:00	844.5	0
1064514	2/13/2024 19:23	2/14/2024 9:00	816.1	0
1671958	2/13/2024 19:24	2/14/2024 9:00	815.27	0
1466638	2/13/2024 19:25	2/14/2024 8:49	804	0
1554218	2/13/2024 19:26	2/14/2024 9:00	813.32	0
945898	2/13/2024 19:27	2/14/2024 9:00	812.28	0
6280623	2/13/2024 19:27	2/14/2024 9:00	812.5	0
1654064	2/13/2024 19:27	2/14/2024 8:18	771	0
1550545	2/13/2024 19:28	2/14/2024 9:00	811.32	0
1321605	2/13/2024 19:28	2/14/2024 9:00	811.65	0
1493766	2/13/2024 19:29	2/14/2024 9:00	810.65	0
1463218	2/13/2024 19:30	2/14/2024 9:00	809.32	0
997397	2/13/2024 19:30	2/14/2024 9:00	809.1	0
1464949	2/13/2024 19:30	2/14/2024 9:00	809.32	0
1020274	2/13/2024 19:31	2/14/2024 9:00	808.1	0
68308	2/13/2024 19:31	2/14/2024 9:00	808.5	0
1584264	2/13/2024 19:31	2/14/2024 9:00	808.32	0
1430553	2/13/2024 19:32	2/14/2024 9:00	807.32	0
11176351	2/13/2024 19:32	2/14/2024 9:00	807.32	0

1701172	2/13/2024 19:32	2/14/2024 9:00	807.65	0
706599	2/13/2024 19:33	2/14/2024 9:00	806.28	0
593397	2/13/2024 19:33	2/14/2024 9:00	806.27	0
1431752	2/13/2024 19:33	2/14/2024 9:00	806.32	0
416557	2/13/2024 19:33	2/14/2024 9:00	806.27	0
808384	2/13/2024 19:33	2/14/2024 9:00	806.28	0
1433906	2/13/2024 19:33	2/14/2024 9:00	806.32	0
588892	2/13/2024 19:33	2/14/2024 9:00	806.27	0
801004	2/13/2024 19:33	2/14/2024 9:00	806.28	0
1020387	2/13/2024 19:33	2/14/2024 9:00	806.1	0
7932279	2/13/2024 19:33	2/14/2024 9:00	806.32	0
197629	2/13/2024 19:34	2/14/2024 9:00	805.5	0
99953	2/13/2024 19:34	2/14/2024 9:00	805.5	0
237177	2/13/2024 19:34	2/14/2024 9:00	805.5	0
626477	2/13/2024 19:34	2/14/2024 9:00	805.27	0
989956	2/13/2024 19:34	2/14/2024 9:00	805.1	0
195839	2/13/2024 19:34	2/14/2024 9:00	805.5	0
380736	2/13/2024 19:35	2/14/2024 9:00	804.27	0
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315088	2/13/2024 19:35	2/14/2024 9:00	804.5	0
197561	2/13/2024 19:35	2/14/2024 9:00	804.5	0
634044	2/13/2024 19:35	2/14/2024 9:00	804.27	0
1019446	2/13/2024 19:35	2/14/2024 9:00	804.1	0
971524	2/13/2024 19:36	2/14/2024 9:00	803.27	0
8495805	2/13/2024 19:36	2/14/2024 9:00	803.27	0
1430644	2/13/2024 19:36	2/14/2024 9:00	803.32	0
1599209	2/13/2024 19:36	2/14/2024 9:00	803.32	0
252859	2/13/2024 19:36	2/14/2024 9:00	803.5	0
1543287	2/13/2024 19:36	2/14/2024 9:00	803.32	0
1550546	2/13/2024 19:36	2/14/2024 9:00	803.32	0
500173	2/13/2024 19:36	2/14/2024 9:00	803.27	0
8668965	2/13/2024 19:37	2/14/2024 9:00	802.27	0
1466357	2/13/2024 19:37	2/14/2024 9:00	802.32	0
1557303	2/13/2024 19:37	2/14/2024 9:00	802.32	0
196965	2/13/2024 19:37	2/14/2024 9:00	802.5	0
1535397	2/13/2024 19:37	2/14/2024 9:00	802.32	0
1326419	2/13/2024 19:37	2/14/2024 9:00	802.65	0
627018	2/13/2024 19:37	2/14/2024 9:00	802.27	0
573050	2/13/2024 19:37	2/14/2024 9:00	802.27	0
197883	2/13/2024 19:38	2/14/2024 9:00	801.5	0
800588	2/13/2024 19:38	2/14/2024 9:00	801.28	0
1624452	2/13/2024 19:38	2/14/2024 9:00	801.32	0
8434548	2/13/2024 19:38	2/14/2024 9:00	801.5	0
980398	2/13/2024 19:38	2/14/2024 9:00	801.1	0
1093833	2/13/2024 19:38	2/14/2024 9:00	801.27	0
1513398	2/13/2024 19:38	2/14/2024 9:00	801.32	0
793690	2/13/2024 19:38	2/14/2024 9:00	801.28	0

204700	2/13/2024 19:38	2/14/2024 9:00	801.5	0
1415828	2/13/2024 19:38	2/14/2024 9:00	801.65	0
237266	2/13/2024 19:38	2/14/2024 9:00	801.5	0
469018	2/13/2024 19:38	2/14/2024 9:00	801.27	0
1556352	2/13/2024 19:38	2/14/2024 9:00	801.32	0
1597556	2/13/2024 19:38	2/14/2024 9:00	801.32	0
353082	2/13/2024 19:38	2/14/2024 9:00	801.5	0
593366	2/13/2024 19:38	2/14/2024 9:00	801.27	0
34887	2/13/2024 19:38	2/14/2024 9:00	801.5	0
800600	2/13/2024 19:38	2/14/2024 9:00	801.28	0
317797	2/13/2024 19:38	2/14/2024 9:00	801.5	0
656498	2/13/2024 19:39	2/14/2024 9:00	800.28	0
224277	2/13/2024 19:39	2/14/2024 9:00	800.5	0
1359008	2/13/2024 19:39	2/14/2024 8:15	756	0
1403562	2/13/2024 19:39	2/14/2024 9:00	800.65	0
1515733	2/13/2024 19:39	2/14/2024 9:00	800.32	0
1453263	2/13/2024 19:39	2/14/2024 9:00	800.32	0
1602630	2/13/2024 19:39	2/14/2024 9:00	800.32	0
1417279	2/13/2024 19:40	2/14/2024 9:00	799.65	0
325050	2/13/2024 19:40	2/14/2024 9:00	799.5	0
315169	2/13/2024 19:40	2/14/2024 8:09	749	0
510307	2/13/2024 19:40	2/14/2024 9:00	799.27	0
1378273	2/13/2024 19:40	2/14/2024 9:00	799.65	0
1552790	2/13/2024 19:40	2/14/2024 9:00	799.32	0
1393699	2/13/2024 19:40	2/14/2024 9:00	799.65	0
196408	2/13/2024 19:40	2/14/2024 9:00	799.5	0
563721	2/13/2024 19:40	2/14/2024 9:00	799.27	0
418876	2/13/2024 19:40	2/14/2024 9:00	799.27	0
68620	2/13/2024 19:40	2/14/2024 9:00	799.5	0
314188	2/13/2024 19:41	2/14/2024 8:08	747	0
317084	2/13/2024 19:41	2/14/2024 9:00	798.5	0
21306	2/13/2024 19:41	2/14/2024 9:00	798.5	0
277301	2/13/2024 19:41	2/14/2024 9:00	798.5	0
1444809	2/13/2024 19:41	2/14/2024 7:57	736	0
658177	2/13/2024 19:41	2/14/2024 9:00	798.28	0
1556486	2/13/2024 19:42	2/14/2024 9:00	797.32	0
315730	2/13/2024 19:42	2/14/2024 8:11	749	0
909115	2/13/2024 19:42	2/14/2024 9:00	797.28	0
1074779	2/13/2024 19:42	2/14/2024 9:00	797.27	0
574596	2/13/2024 19:42	2/14/2024 9:00	797.27	0
624628	2/13/2024 19:42	2/14/2024 9:00	797.27	0
975066	2/13/2024 19:42	2/14/2024 9:00	797.1	0
1546695	2/13/2024 19:42	2/14/2024 9:00	797.32	0
1552699	2/13/2024 19:42	2/14/2024 9:00	797.32	0
1547686	2/13/2024 19:42	2/14/2024 9:00	797.32	0
275018	2/13/2024 19:42	2/14/2024 9:00	797.5	0
1463520	2/13/2024 19:42	2/14/2024 9:00	797.32	0

1513363	2/13/2024 19:42	2/14/2024 9:00	797.32	0
981933	2/13/2024 19:43	2/14/2024 9:00	796.1	0
634779	2/13/2024 19:43	2/14/2024 9:00	796.27	0
1324274	2/13/2024 19:43	2/14/2024 9:00	796.65	0
188639	2/13/2024 19:43	2/14/2024 8:14	751	0
313269	2/13/2024 19:43	2/14/2024 9:00	796.5	0
1433348	2/13/2024 19:43	2/14/2024 7:53	730	0
660265	2/13/2024 19:43	2/14/2024 9:00	796.28	0
1565203	2/13/2024 19:43	2/14/2024 9:00	796.32	0
311322	2/13/2024 19:43	2/14/2024 8:57	794	0
10510361	2/13/2024 19:43	2/14/2024 9:00	796.5	0
25674	2/13/2024 19:43	2/14/2024 8:14	751	0
449036	2/13/2024 19:44	2/14/2024 9:00	795.27	0
903303	2/13/2024 19:44	2/14/2024 9:00	795.28	0
1556243	2/13/2024 19:44	2/14/2024 9:00	795.32	0
34832	2/13/2024 19:44	2/14/2024 9:00	795.5	0
456099	2/13/2024 19:44	2/14/2024 9:00	795.27	0
567126	2/13/2024 19:44	2/14/2024 9:00	795.27	0
8495802	2/13/2024 19:44	2/14/2024 9:00	795.32	0
8524544	2/13/2024 19:44	2/14/2024 9:00	795.5	0
658837	2/13/2024 19:44	2/14/2024 8:57	793	0
314945	2/13/2024 19:44	2/14/2024 8:41	777	0
1310926	2/13/2024 19:44	2/14/2024 9:00	795.65	0
274522	2/13/2024 19:44	2/14/2024 9:00	795.5	0
1683861	2/13/2024 19:44	2/14/2024 9:00	795.5	0
562346	2/13/2024 19:44	2/14/2024 9:00	795.27	0
1307575	2/13/2024 19:44	2/14/2024 9:00	795.65	0
7178975	2/13/2024 19:44	2/14/2024 8:09	745	0
204963	2/13/2024 19:44	2/14/2024 9:00	795.5	0
506261	2/13/2024 19:44	2/14/2024 9:00	795.27	0
1551513	2/13/2024 19:45	2/14/2024 9:00	794.32	0
353371	2/13/2024 19:45	2/14/2024 9:00	794.5	0
8950281	2/13/2024 19:46	2/14/2024 8:33	767	0
1516786	2/13/2024 19:46	2/14/2024 9:00	793.32	0
1432940	2/13/2024 19:46	2/14/2024 7:55	729	0
320966	2/13/2024 19:46	2/14/2024 9:00	793.5	0
1416360	2/13/2024 19:46	2/14/2024 9:00	793.65	0
1672454	2/13/2024 19:46	2/14/2024 9:00	793.27	0
8590289	2/13/2024 19:47	2/14/2024 9:00	792.27	0
35442	2/13/2024 19:47	2/14/2024 9:00	792.5	0
1556246	2/13/2024 19:47	2/14/2024 9:00	792.32	0
454861	2/13/2024 19:47	2/14/2024 9:00	792.27	0
48217	2/13/2024 19:47	2/14/2024 9:00	792.5	0
605186	2/13/2024 19:47	2/14/2024 9:00	792.27	0
1363236	2/13/2024 19:47	2/14/2024 8:18	751	0
1535304	2/13/2024 19:47	2/14/2024 9:00	792.32	0
1547843	2/13/2024 19:47	2/14/2024 9:00	792.32	0

318402	2/13/2024 19:47	2/14/2024 9:00	792.5	0
96506	2/13/2024 19:48	2/14/2024 9:00	791.5	0
507365	2/13/2024 19:48	2/14/2024 9:00	791.27	0
808829	2/13/2024 19:48	2/14/2024 9:00	791.28	0
49209	2/13/2024 19:48	2/14/2024 9:00	791.5	0
69207	2/13/2024 19:48	2/14/2024 8:03	735	0
511266	2/13/2024 19:48	2/14/2024 9:00	791.27	0
24124	2/13/2024 19:48	2/14/2024 9:00	791.5	0
1430838	2/13/2024 19:48	2/14/2024 9:00	791.32	0
1556434	2/13/2024 19:48	2/14/2024 9:00	791.32	0
381982	2/13/2024 19:48	2/14/2024 9:00	791.27	0
324249	2/13/2024 19:49	2/14/2024 9:00	790.5	0
1466445	2/13/2024 19:49	2/14/2024 8:10	741	0
328408	2/13/2024 19:49	2/14/2024 8:25	756	0
627289	2/13/2024 19:49	2/14/2024 9:00	790.27	0
324045	2/13/2024 19:49	2/14/2024 9:00	790.5	0
34905	2/13/2024 19:49	2/14/2024 9:00	790.5	0
1348379	2/13/2024 19:49	2/14/2024 9:00	790.65	0
509233	2/13/2024 19:49	2/14/2024 9:00	790.27	0
323747	2/13/2024 19:49	2/14/2024 9:00	790.5	0
624716	2/13/2024 19:50	2/14/2024 9:00	789.27	0
6995795	2/13/2024 19:50	2/14/2024 9:00	789.27	0
1503507	2/13/2024 19:50	2/14/2024 9:00	789.65	0
237312	2/13/2024 19:50	2/14/2024 9:00	789.5	0
197356	2/13/2024 19:51	2/14/2024 9:00	788.5	0
315345	2/13/2024 19:53	2/14/2024 9:00	786.5	0
498070	2/13/2024 19:53	2/14/2024 9:00	786.27	0
1076617	2/13/2024 19:53	2/14/2024 9:00	786.27	0
8148103	2/13/2024 19:54	2/14/2024 9:00	785.5	0
315346	2/13/2024 19:54	2/14/2024 9:00	785.5	0
446329	2/13/2024 19:55	2/14/2024 9:00	784.27	0
8068454	2/13/2024 19:55	2/14/2024 9:00	784.27	0
10393495	2/13/2024 19:55	2/14/2024 9:00	784.5	0
1381983	2/13/2024 19:56	2/14/2024 9:00	783.65	0
315306	2/13/2024 19:58	2/14/2024 9:00	781.5	0
1393633	2/13/2024 20:00	2/14/2024 9:00	779.65	0
733373	2/13/2024 20:01	2/14/2024 9:00	778.28	0
1418826	2/13/2024 20:02	2/14/2024 9:00	777.65	0
1430294	2/13/2024 20:04	2/14/2024 9:00	775.32	0
1321750	2/13/2024 20:05	2/14/2024 9:00	774.65	0
70866	2/13/2024 20:06	2/14/2024 9:00	773.5	0
6761269	2/13/2024 20:17	2/14/2024 9:00	762.5	0
317233	2/13/2024 20:19	2/14/2024 9:00	760.5	0
1325831	2/13/2024 20:49	2/14/2024 9:00	730.65	0
1348476	2/13/2024 20:53	2/14/2024 9:00	726.65	0
8502011	2/13/2024 21:11	2/14/2024 9:00	708.5	0
1551510	2/13/2024 22:14	2/14/2024 9:00	645.32	0

1469270	2/13/2024 22:19	2/14/2024 7:57	578	0
317195	2/13/2024 22:23	2/14/2024 8:38	615	0
1469850	2/13/2024 22:44	2/14/2024 7:55	551	0
281235	2/13/2024 23:18	2/14/2024 9:00	581.5	0
1513959	2/13/2024 23:20	2/14/2024 9:00	579.32	0
1333801	2/13/2024 23:58	2/14/2024 9:00	541.65	0
1604432	2/14/2024 1:57	2/14/2024 9:00	422.32	0
817825	2/14/2024 3:51	2/14/2024 9:00	308.28	0
1521429	2/14/2024 7:52	2/14/2024 9:00	67.32	0
1433348	2/14/2024 7:53	2/14/2024 9:00	66.32	0
1469850	2/14/2024 7:55	2/14/2024 9:00	64.32	0
1432940	2/14/2024 7:55	2/14/2024 9:00	64.32	0
1469270	2/14/2024 7:57	2/14/2024 9:00	62.32	0
1444809	2/14/2024 7:57	2/14/2024 9:00	62.32	0
69207	2/14/2024 8:03	2/14/2024 9:00	56.5	0
314188	2/14/2024 8:08	2/14/2024 9:00	51.5	0
315169	2/14/2024 8:09	2/14/2024 9:00	50.5	0
7178975	2/14/2024 8:09	2/14/2024 9:00	50.5	0
1512146	2/14/2024 8:10	2/14/2024 9:00	49.32	0
1466445	2/14/2024 8:10	2/14/2024 9:00	49.32	0
315730	2/14/2024 8:11	2/14/2024 9:00	48.5	0
25674	2/14/2024 8:14	2/14/2024 9:00	45.5	0
188639	2/14/2024 8:14	2/14/2024 9:00	45.5	0
1362461	2/14/2024 8:15	2/14/2024 9:00	44.65	0
1359008	2/14/2024 8:15	2/14/2024 9:00	44.65	0
1363108	2/14/2024 8:15	2/14/2024 9:00	44.65	0
1654064	2/14/2024 8:18	2/14/2024 9:00	41.1	0
1362128	2/14/2024 8:18	2/14/2024 9:00	41.65	0
1363236	2/14/2024 8:18	2/14/2024 9:00	41.65	0
328408	2/14/2024 8:25	2/14/2024 9:00	34.5	0
313482	2/14/2024 8:27	2/14/2024 9:00	32.5	0
8950281	2/14/2024 8:33	2/14/2024 9:00	26.5	0
317195	2/14/2024 8:38	2/14/2024 9:00	21.5	0
314945	2/14/2024 8:41	2/14/2024 9:00	18.5	0
1466638	2/14/2024 8:49	2/14/2024 9:00	10.32	0
353728	2/14/2024 8:52	2/14/2024 9:00	7.5	0
311322	2/14/2024 8:57	2/14/2024 9:00	2.5	0
658837	2/14/2024 8:57	2/14/2024 9:00	2.28	0
1333801	2/14/2024 9:00	2/14/2024 14:40	340	0
7937779	2/14/2024 9:00	2/14/2024 11:13	133	0
447406	2/14/2024 9:00	2/15/2024 9:00	1439.27	0.07
1352388	2/14/2024 9:00	2/15/2024 9:00	1439.65	0
110607	2/14/2024 9:00	2/15/2024 9:00	1439.5	0
1366197	2/14/2024 9:00	2/15/2024 9:00	1439.65	0
6761269	2/14/2024 9:00	2/14/2024 10:12	72	0
664030	2/14/2024 9:00	2/15/2024 9:00	1439.28	0
1516786	2/14/2024 9:00	2/15/2024 9:00	1439.32	0

353728	2/14/2024 9:00	2/14/2024 10:38	98	0
8668965	2/14/2024 9:00	2/14/2024 11:07	127	0
8950281	2/14/2024 9:00	2/14/2024 13:48	288	0
34613	2/14/2024 9:00	2/15/2024 9:00	1439.5	0
24124	2/14/2024 9:00	2/14/2024 11:44	164	0
469018	2/14/2024 9:01	2/15/2024 9:00	1438.27	0
1512146	2/14/2024 9:02	2/14/2024 15:37	395	0
1547715	2/14/2024 9:06	2/14/2024 12:10	184	0.48
844965	2/14/2024 9:06	2/15/2024 9:00	1433.28	0
574993	2/14/2024 9:06	2/14/2024 11:59	173	0
562202	2/14/2024 9:06	2/14/2024 14:37	331	0
554089	2/14/2024 9:07	2/15/2024 9:00	1432.27	0
314945	2/14/2024 9:07	2/15/2024 9:00	1432.5	0.75
1433348	2/14/2024 9:07	2/14/2024 19:47	640	0
1516579	2/14/2024 9:07	2/14/2024 11:23	136	0
1394324	2/14/2024 9:07	2/15/2024 9:00	1432.65	0
509233	2/14/2024 9:07	2/15/2024 9:00	1432.27	0
1288420	2/14/2024 9:07	2/14/2024 10:10	63	0
315345	2/14/2024 9:08	2/15/2024 9:00	1431.5	0
658837	2/14/2024 9:08	2/15/2024 9:00	1431.28	0.03
1453263	2/14/2024 9:08	2/14/2024 10:53	105	0
317233	2/14/2024 9:09	2/14/2024 19:44	635	0
1432940	2/14/2024 9:09	2/14/2024 19:50	641	0
317195	2/14/2024 9:09	2/15/2024 9:00	1430.5	0
1444809	2/14/2024 9:10	2/15/2024 9:00	1429.32	1.67
315346	2/14/2024 9:10	2/14/2024 11:37	147	0
317797	2/14/2024 9:10	2/14/2024 19:46	636	0
1254744	2/14/2024 9:12	2/15/2024 9:00	1427.28	0
315169	2/14/2024 9:12	2/14/2024 19:51	639	0
188639	2/14/2024 9:12	2/14/2024 14:58	346	1.57
844915	2/14/2024 9:12	2/15/2024 9:00	1427.28	0
311322	2/14/2024 9:12	2/14/2024 11:13	121	0
25674	2/14/2024 9:12	2/14/2024 11:44	152	0
328408	2/14/2024 9:13	2/14/2024 11:45	152	0
1466445	2/14/2024 9:13	2/15/2024 9:00	1426.32	0
313482	2/14/2024 9:13	2/14/2024 11:22	129	0
7178975	2/14/2024 9:13	2/15/2024 9:00	1426.5	0
315730	2/14/2024 9:14	2/14/2024 19:49	635	0
314188	2/14/2024 9:15	2/14/2024 19:46	631	0
8434548	2/14/2024 9:15	2/14/2024 19:44	629	0.6
1363236	2/14/2024 9:16	2/14/2024 14:14	298	0
980398	2/14/2024 9:17	2/14/2024 10:35	78	0
69207	2/14/2024 9:17	2/14/2024 14:32	315	0
11081884	2/14/2024 9:18	2/14/2024 10:18	60	0
1359008	2/14/2024 9:18	2/15/2024 9:00	1421.65	0
68620	2/14/2024 9:19	2/14/2024 14:34	315	0
65245	2/14/2024 9:19	2/15/2024 9:00	1420.5	0

1521429	2/14/2024 9:21	2/14/2024 14:22	301	0
1321605	2/14/2024 9:23	2/14/2024 14:38	315	0
810130	2/14/2024 9:27	2/15/2024 9:00	1412.28	0
29635	2/14/2024 9:27	2/14/2024 14:00	273	0
808384	2/14/2024 9:28	2/15/2024 9:00	1411.28	0
1393633	2/14/2024 9:29	2/14/2024 14:43	314	0
1363108	2/14/2024 9:29	2/14/2024 14:31	302	0
353371	2/14/2024 9:29	2/14/2024 10:11	42	0
34905	2/14/2024 9:29	2/14/2024 14:01	272	0
353082	2/14/2024 9:29	2/14/2024 10:15	46	0
1393699	2/14/2024 9:29	2/14/2024 14:28	299	1.05
1362128	2/14/2024 9:32	2/14/2024 14:30	298	0
1604432	2/14/2024 9:34	2/14/2024 19:53	619	2.49
10393495	2/14/2024 9:34	2/14/2024 19:53	619	0
1362461	2/14/2024 9:34	2/15/2024 9:00	1405.65	0.25
1551513	2/14/2024 9:35	2/14/2024 12:07	152	0
801004	2/14/2024 9:35	2/14/2024 11:52	137	0
275018	2/14/2024 9:36	2/15/2024 9:00	1403.5	0
800576	2/14/2024 9:36	2/15/2024 9:00	1403.28	0
800590	2/14/2024 9:37	2/14/2024 11:53	136	0
860281	2/14/2024 9:37	2/14/2024 12:26	169	0
1551510	2/14/2024 9:37	2/14/2024 12:09	152	0
800600	2/14/2024 9:38	2/14/2024 11:54	136	0
1466357	2/14/2024 9:39	2/14/2024 19:42	603	0
1556434	2/14/2024 9:39	2/14/2024 11:56	137	0.14
506261	2/14/2024 9:39	2/14/2024 14:54	315	0.05
800588	2/14/2024 9:40	2/14/2024 12:06	146	0
1556486	2/14/2024 9:41	2/14/2024 12:41	180	0
1557303	2/14/2024 9:41	2/15/2024 9:00	1398.32	0
1554218	2/14/2024 9:42	2/14/2024 11:54	132	0
49209	2/14/2024 9:45	2/14/2024 14:34	289	0
8502011	2/14/2024 9:45	2/15/2024 9:00	1394.5	0
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500173	2/14/2024 9:49	2/14/2024 19:42	593	11.39
945898	2/14/2024 9:51	2/14/2024 19:31	580	0
1466638	2/14/2024 9:52	2/14/2024 10:34	42	0
1701172	2/14/2024 9:53	2/14/2024 11:38	105	0
1552154	2/14/2024 9:54	2/14/2024 12:05	131	0.19
510974	2/14/2024 9:54	2/14/2024 11:39	105	0
1493766	2/14/2024 9:56	2/14/2024 12:56	180	0
498070	2/14/2024 9:57	2/15/2024 9:00	1382.27	0
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1704232	2/14/2024 10:03	2/14/2024 12:09	126	0.34
1430294	2/14/2024 10:04	2/14/2024 14:31	267	0
274522	2/14/2024 10:04	2/15/2024 9:00	1375.5	0.14
601397	2/14/2024 10:04	2/14/2024 19:57	593	0
627018	2/14/2024 10:04	2/14/2024 14:05	241	0

626477	2/14/2024 10:05	2/14/2024 10:53	48	0
627289	2/14/2024 10:05	2/14/2024 14:09	244	0
1576533	2/14/2024 10:05	2/14/2024 19:54	589	0.34
1416360	2/14/2024 10:05	2/14/2024 19:53	588	0
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1415828	2/14/2024 10:06	2/14/2024 19:44	578	0
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279833	2/14/2024 10:06	2/15/2024 9:00	1373.5	0
317084	2/14/2024 10:07	2/15/2024 9:00	1372.5	0
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318402	2/14/2024 10:08	2/15/2024 9:00	1371.5	0
605186	2/14/2024 10:08	2/14/2024 19:51	583	0
624628	2/14/2024 10:08	2/15/2024 9:00	1371.27	0
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315306	2/14/2024 10:09	2/15/2024 9:00	1370.5	0
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6280623	2/14/2024 10:09	2/15/2024 9:00	1370.5	0
224277	2/14/2024 10:10	2/15/2024 9:00	1369.5	0
8148103	2/14/2024 10:10	2/14/2024 19:58	588	0
1288420	2/14/2024 10:10	2/14/2024 10:15	5	0
11120838	2/14/2024 10:10	2/15/2024 9:00	1369.5	0
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6761269	2/14/2024 10:12	2/15/2024 9:00	1367.5	0
1342974	2/14/2024 10:13	2/14/2024 19:40	567	0
1343091	2/14/2024 10:14	2/14/2024 19:32	558	0
353082	2/14/2024 10:15	2/14/2024 12:26	131	0
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997397	2/14/2024 10:16	2/15/2024 9:00	1363.1	0
252859	2/14/2024 10:16	2/15/2024 9:00	1363.5	0
11081884	2/14/2024 10:18	2/14/2024 19:53	575	0
8495805	2/14/2024 10:18	2/14/2024 19:53	575	0
320966	2/14/2024 10:18	2/14/2024 19:50	572	0
197561	2/14/2024 10:21	2/15/2024 9:00	1358.5	0
510307	2/14/2024 10:22	2/14/2024 14:08	226	0
1683861	2/14/2024 10:22	2/14/2024 19:52	570	0
511266	2/14/2024 10:25	2/14/2024 14:05	220	0
1466638	2/14/2024 10:34	2/14/2024 13:06	152	0
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980398	2/14/2024 10:35	2/14/2024 19:41	546	0
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196408	2/14/2024 10:37	2/14/2024 19:43	546	0
353728	2/14/2024 10:38	2/14/2024 20:50	612	0
1321114	2/14/2024 10:41	2/14/2024 10:51	10	0
1446401	2/14/2024 10:41	2/14/2024 14:23	222	0
8486022	2/14/2024 10:41	2/14/2024 14:24	223	0

1597556	2/14/2024 10:41	2/14/2024 10:46	5	0
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1566872	2/14/2024 10:45	2/14/2024 11:42	57	0
1565203	2/14/2024 10:45	2/14/2024 11:58	73	0
10433250	2/14/2024 10:46	2/14/2024 14:27	221	1.79
1597556	2/14/2024 10:46	2/14/2024 19:46	540	0.22
8495802	2/14/2024 10:47	2/14/2024 19:53	546	2.17
1321114	2/14/2024 10:51	2/14/2024 19:15	504	0
552210	2/14/2024 10:51	2/14/2024 15:08	257	0
1450250	2/14/2024 10:52	2/14/2024 19:53	541	0
325050	2/14/2024 10:52	2/14/2024 12:37	105	0
1515733	2/14/2024 10:52	2/14/2024 11:39	47	0.22
507365	2/14/2024 10:52	2/14/2024 14:07	195	0
626477	2/14/2024 10:53	2/14/2024 14:07	194	0
198082	2/14/2024 10:53	2/14/2024 14:54	241	0
1453263	2/14/2024 10:53	2/14/2024 14:23	210	0
624716	2/14/2024 10:53	2/14/2024 14:08	195	0
957615	2/14/2024 10:54	2/14/2024 11:41	47	0
1319739	2/14/2024 10:54	2/15/2024 9:00	1325.65	0
1307027	2/14/2024 10:54	2/14/2024 19:47	533	0
324290	2/14/2024 10:54	2/14/2024 12:39	105	0
267537	2/14/2024 10:57	2/15/2024 9:00	1322.5	0
1556352	2/14/2024 10:58	2/15/2024 9:00	1321.32	0
975066	2/14/2024 10:58	2/14/2024 19:48	530	0
314547	2/14/2024 10:58	2/15/2024 9:00	1321.5	0
1320619	2/14/2024 11:00	2/15/2024 9:00	1319.65	0
21306	2/14/2024 11:01	2/14/2024 14:44	223	0
313770	2/14/2024 11:01	2/14/2024 12:15	74	0
456099	2/14/2024 11:02	2/14/2024 11:39	37	0
8068454	2/14/2024 11:03	2/15/2024 9:00	1316.27	0
1432827	2/14/2024 11:04	2/14/2024 14:50	226	0.64
197356	2/14/2024 11:06	2/14/2024 19:56	530	0
1546695	2/14/2024 11:06	2/14/2024 12:09	63	0
196965	2/14/2024 11:06	2/14/2024 19:49	523	0.07
1549436	2/14/2024 11:06	2/15/2024 9:00	1313.32	0
8668965	2/14/2024 11:07	2/15/2024 9:00	1312.27	0
127206	2/14/2024 11:08	2/15/2024 9:00	1311.5	0
1672784	2/14/2024 11:11	2/15/2024 9:00	1308.27	0.06
1515964	2/14/2024 11:11	2/14/2024 19:55	524	0
311322	2/14/2024 11:13	2/14/2024 11:45	32	0
7937779	2/14/2024 11:13	2/14/2024 14:46	213	0
454861	2/14/2024 11:13	2/15/2024 9:00	1306.27	0.02
381338	2/14/2024 11:19	2/14/2024 19:50	511	0
1019446	2/14/2024 11:20	2/14/2024 14:31	191	0
646026	2/14/2024 11:21	2/14/2024 14:45	204	0
313482	2/14/2024 11:22	2/14/2024 11:30	8	0

793690	2/14/2024 11:23	2/15/2024 9:00	1296.28	0
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1516579	2/14/2024 11:23	2/14/2024 11:29	6	0
1456419	2/14/2024 11:24	2/14/2024 14:22	178	0
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1320008	2/14/2024 11:26	2/14/2024 11:40	14	0
1430838	2/14/2024 11:26	2/14/2024 14:19	173	0
26864	2/14/2024 11:28	2/14/2024 14:00	152	0
7932279	2/14/2024 11:28	2/15/2024 9:00	1291.32	0
1564723	2/14/2024 11:28	2/14/2024 11:43	15	0
1516579	2/14/2024 11:29	2/14/2024 11:45	16	0
353651	2/14/2024 11:29	2/14/2024 12:29	60	0
189581	2/14/2024 11:29	2/14/2024 14:17	168	0
313482	2/14/2024 11:30	2/15/2024 9:00	1289.5	0
1395587	2/14/2024 11:30	2/14/2024 14:49	199	0
35442	2/14/2024 11:31	2/14/2024 11:46	15	0
34887	2/14/2024 11:32	2/14/2024 11:43	11	0
1431804	2/14/2024 11:32	2/14/2024 14:51	199	0
1358442	2/14/2024 11:32	2/14/2024 14:18	166	0
195839	2/14/2024 11:33	2/14/2024 19:46	493	0
34832	2/14/2024 11:33	2/14/2024 11:43	10	0
1093833	2/14/2024 11:33	2/14/2024 11:38	5	0
563721	2/14/2024 11:33	2/14/2024 13:02	89	0
623069	2/14/2024 11:35	2/14/2024 14:07	152	0
561672	2/14/2024 11:35	2/14/2024 13:04	89	0
1332906	2/14/2024 11:36	2/14/2024 14:40	184	0
564518	2/14/2024 11:37	2/14/2024 14:41	184	0
623871	2/14/2024 11:37	2/14/2024 14:09	152	0
315346	2/14/2024 11:37	2/15/2024 9:00	1282.5	0
623612	2/14/2024 11:37	2/14/2024 14:04	147	0
324249	2/14/2024 11:37	2/14/2024 12:40	63	0
1093833	2/14/2024 11:38	2/14/2024 14:42	184	0
553755	2/14/2024 11:38	2/14/2024 19:46	488	0
1701172	2/14/2024 11:38	2/14/2024 14:42	184	0
323747	2/14/2024 11:39	2/14/2024 12:37	58	0
1515733	2/14/2024 11:39	2/14/2024 11:55	16	0.17
456099	2/14/2024 11:39	2/15/2024 9:00	1280.27	0
510974	2/14/2024 11:39	2/14/2024 14:06	147	0
1385431	2/14/2024 11:39	2/14/2024 12:56	77	0
324045	2/14/2024 11:39	2/14/2024 12:42	63	0.06
1465882	2/14/2024 11:40	2/14/2024 11:50	10	0
1320008	2/14/2024 11:40	2/14/2024 14:39	179	0
316997	2/14/2024 11:40	2/14/2024 14:54	194	0
956968	2/14/2024 11:41	2/14/2024 11:57	16	0
957615	2/14/2024 11:41	2/14/2024 11:57	16	0
859747	2/14/2024 11:41	2/14/2024 12:23	42	0
553863	2/14/2024 11:42	2/14/2024 14:09	147	0

1566872	2/14/2024 11:42	2/14/2024 11:58	16	0
1190246	2/14/2024 11:42	2/14/2024 11:52	10	0
34832	2/14/2024 11:43	2/14/2024 14:47	184	0
1564723	2/14/2024 11:43	2/14/2024 11:59	16	0
34887	2/14/2024 11:43	2/14/2024 15:02	199	0
979888	2/14/2024 11:43	2/14/2024 15:19	216	0
1650561	2/14/2024 11:44	2/14/2024 12:00	16	0
1494722	2/14/2024 11:44	2/14/2024 14:27	163	0
24124	2/14/2024 11:44	2/14/2024 14:01	137	0
25674	2/14/2024 11:44	2/14/2024 13:13	89	0
328408	2/14/2024 11:45	2/14/2024 14:44	179	0
449377	2/14/2024 11:45	2/14/2024 11:50	5	0
311322	2/14/2024 11:45	2/14/2024 12:16	31	0
982261	2/14/2024 11:45	2/14/2024 15:16	211	0
1516579	2/14/2024 11:45	2/14/2024 11:49	4	0
35442	2/14/2024 11:46	2/14/2024 15:02	196	0
486880	2/14/2024 11:49	2/15/2024 9:00	1270.27	0
1516579	2/14/2024 11:49	2/14/2024 14:06	137	0
449377	2/14/2024 11:50	2/14/2024 12:37	47	0
645339	2/14/2024 11:50	2/14/2024 14:23	153	0
1465882	2/14/2024 11:50	2/14/2024 15:05	195	0
449036	2/14/2024 11:50	2/14/2024 13:03	73	0.09
486985	2/14/2024 11:50	2/15/2024 9:00	1269.27	0
23462	2/14/2024 11:51	2/14/2024 14:44	173	0
1509487	2/14/2024 11:51	2/14/2024 14:23	152	0
1524033	2/14/2024 11:52	2/14/2024 12:07	15	0.04
1190246	2/14/2024 11:52	2/14/2024 14:24	152	0
801004	2/14/2024 11:52	2/14/2024 12:08	16	0
574596	2/14/2024 11:53	2/14/2024 12:08	15	0
800590	2/14/2024 11:53	2/14/2024 12:09	16	0
1554218	2/14/2024 11:54	2/14/2024 12:41	47	0
10013697	2/14/2024 11:54	2/14/2024 12:09	15	0
1555268	2/14/2024 11:54	2/14/2024 12:05	11	0
800600	2/14/2024 11:54	2/14/2024 12:10	16	0
1445317	2/14/2024 11:54	2/14/2024 14:24	150	0
1515733	2/14/2024 11:55	2/14/2024 12:22	27	0.19
1524135	2/14/2024 11:56	2/14/2024 14:24	148	0
1556434	2/14/2024 11:56	2/14/2024 12:43	47	0
957615	2/14/2024 11:57	2/14/2024 12:13	16	0
956968	2/14/2024 11:57	2/14/2024 12:13	16	0
1566872	2/14/2024 11:58	2/14/2024 12:14	16	0
1565203	2/14/2024 11:58	2/14/2024 12:14	16	0
593798	2/14/2024 11:59	2/14/2024 15:15	196	0
1564723	2/14/2024 11:59	2/14/2024 12:15	16	0
574993	2/14/2024 11:59	2/14/2024 12:10	11	0
1650561	2/14/2024 12:00	2/14/2024 12:16	16	0
664453	2/14/2024 12:00	2/14/2024 12:11	11	0

593397	2/14/2024 12:01	2/14/2024 14:18	137	0
1552154	2/14/2024 12:05	2/14/2024 15:22	197	0.01
1417138	2/14/2024 12:05	2/14/2024 14:38	153	0
1555268	2/14/2024 12:05	2/14/2024 14:21	136	0
800588	2/14/2024 12:06	2/15/2024 9:00	1253.28	0
1524033	2/14/2024 12:07	2/14/2024 14:08	121	0.26
1551513	2/14/2024 12:07	2/14/2024 14:08	121	0
1641091	2/14/2024 12:07	2/14/2024 13:10	63	0
574596	2/14/2024 12:08	2/14/2024 14:37	149	0
1523524	2/14/2024 12:08	2/14/2024 14:09	121	0
801004	2/14/2024 12:08	2/15/2024 9:00	1251.28	0
1551510	2/14/2024 12:09	2/14/2024 14:10	121	0
1546695	2/14/2024 12:09	2/14/2024 14:20	131	0
1704232	2/14/2024 12:09	2/14/2024 14:20	131	0.08
800590	2/14/2024 12:09	2/15/2024 9:00	1250.28	0
10013697	2/14/2024 12:09	2/14/2024 14:05	116	0
609850	2/14/2024 12:09	2/15/2024 9:00	1250.27	0
13912	2/14/2024 12:10	2/15/2024 9:00	1249.5	0
574993	2/14/2024 12:10	2/14/2024 12:15	5	0
800600	2/14/2024 12:10	2/15/2024 9:00	1249.28	0
1547715	2/14/2024 12:10	2/14/2024 19:52	462	0.33
610737	2/14/2024 12:10	2/15/2024 9:00	1249.27	0
664453	2/14/2024 12:11	2/14/2024 14:12	121	0
957615	2/14/2024 12:13	2/14/2024 13:00	47	0
956968	2/14/2024 12:13	2/14/2024 15:27	194	0
1566872	2/14/2024 12:14	2/15/2024 9:00	1245.32	0
1565203	2/14/2024 12:14	2/14/2024 14:31	137	0
1564723	2/14/2024 12:15	2/15/2024 9:00	1244.32	0
574993	2/14/2024 12:15	2/14/2024 14:37	142	0
313770	2/14/2024 12:15	2/14/2024 18:17	362	0
1650561	2/14/2024 12:16	2/15/2024 9:00	1243.1	0
311322	2/14/2024 12:16	2/14/2024 12:58	42	0
1515733	2/14/2024 12:22	2/14/2024 14:06	104	0.07
859747	2/14/2024 12:23	2/14/2024 13:05	42	0
1664433	2/14/2024 12:23	2/14/2024 16:02	219	0
353082	2/14/2024 12:26	2/14/2024 14:27	121	0
860281	2/14/2024 12:26	2/14/2024 13:07	41	0
353651	2/14/2024 12:29	2/14/2024 14:29	120	0
926657	2/14/2024 12:33	2/15/2024 9:00	1226.28	0
756553	2/14/2024 12:33	2/15/2024 9:00	1226.27	0
1384509	2/14/2024 12:33	2/15/2024 9:00	1226.65	0
51483	2/14/2024 12:34	2/14/2024 19:47	433	0
733373	2/14/2024 12:37	2/14/2024 17:53	316	0
325050	2/14/2024 12:37	2/14/2024 14:06	89	0
323747	2/14/2024 12:37	2/14/2024 14:22	105	0
449377	2/14/2024 12:37	2/14/2024 12:53	16	0
324290	2/14/2024 12:39	2/14/2024 14:25	106	0

324249	2/14/2024 12:40	2/14/2024 14:25	105	0
1554218	2/14/2024 12:41	2/14/2024 15:55	194	0
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174362	2/14/2024 12:41	2/15/2024 9:00	1218.5	0
324045	2/14/2024 12:42	2/14/2024 14:22	100	0.01
1556434	2/14/2024 12:43	2/14/2024 15:57	194	0
169731	2/14/2024 12:44	2/15/2024 9:00	1215.5	0
449377	2/14/2024 12:53	2/14/2024 13:14	21	0
1385431	2/14/2024 12:56	2/14/2024 14:20	84	0
1493766	2/14/2024 12:56	2/14/2024 14:20	84	0
311322	2/14/2024 12:58	2/14/2024 18:18	320	0
957615	2/14/2024 13:00	2/14/2024 15:26	146	0
563721	2/14/2024 13:02	2/14/2024 14:36	94	0
449036	2/14/2024 13:03	2/14/2024 14:48	105	0.19
561672	2/14/2024 13:04	2/14/2024 14:02	58	0
859747	2/14/2024 13:05	2/14/2024 15:01	116	0
1466638	2/14/2024 13:06	2/14/2024 14:20	74	0
860281	2/14/2024 13:07	2/14/2024 15:02	115	0
6714863	2/14/2024 13:09	2/14/2024 15:25	136	0
793285	2/14/2024 13:09	2/14/2024 15:25	136	0
1641091	2/14/2024 13:10	2/14/2024 13:52	42	0
790670	2/14/2024 13:10	2/14/2024 15:26	136	0
1493132	2/14/2024 13:11	2/14/2024 14:30	79	0
25674	2/14/2024 13:13	2/15/2024 9:00	1186.5	0
449377	2/14/2024 13:14	2/14/2024 14:17	63	0
1414392	2/14/2024 13:43	2/14/2024 19:06	323	0
51957	2/14/2024 13:47	2/14/2024 14:19	32	0
8950281	2/14/2024 13:48	2/14/2024 19:55	367	0
1641091	2/14/2024 13:52	2/14/2024 14:08	16	0
23566	2/14/2024 14:00	2/14/2024 19:52	352	0
26864	2/14/2024 14:00	2/14/2024 14:47	47	0
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626477	2/14/2024 14:07	2/14/2024 14:23	16	0
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1521429	2/14/2024 14:22	2/14/2024 14:38	16	0
324045	2/14/2024 14:22	2/14/2024 14:37	15	0.09
325050	2/14/2024 14:22	2/14/2024 14:38	16	0
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1509487	2/14/2024 14:23	2/14/2024 14:39	16	0
1310926	2/14/2024 14:23	2/14/2024 14:38	15	0
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1361099	2/14/2024 14:32	2/14/2024 14:48	16	0
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69207	2/14/2024 14:32	2/14/2024 14:42	10	0
561672	2/14/2024 14:33	2/14/2024 14:49	16	0
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68620	2/14/2024 14:34	2/14/2024 14:45	11	0
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623871	2/14/2024 14:35	2/14/2024 19:45	310	0
1430553	2/14/2024 14:35	2/14/2024 14:46	11	0
627289	2/14/2024 14:35	2/14/2024 19:55	320	0
274059	2/14/2024 14:35	2/14/2024 19:47	312	0
1546695	2/14/2024 14:36	2/14/2024 19:51	315	0
623612	2/14/2024 14:36	2/14/2024 19:52	316	0
563721	2/14/2024 14:36	2/14/2024 15:18	42	0
197690	2/14/2024 14:36	2/14/2024 19:45	309	0
971524	2/14/2024 14:36	2/14/2024 19:40	304	0

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574596	2/14/2024 14:37	2/14/2024 19:52	315	0
562202	2/14/2024 14:37	2/14/2024 14:42	5	0
1472045	2/14/2024 14:37	2/14/2024 19:57	320	0.08
574993	2/14/2024 14:37	2/14/2024 14:42	5	0
627018	2/14/2024 14:37	2/14/2024 19:46	309	0
1555268	2/14/2024 14:37	2/14/2024 19:52	315	0
324045	2/14/2024 14:37	2/14/2024 19:58	321	0.14
1509486	2/14/2024 14:37	2/14/2024 19:52	315	0
1417138	2/14/2024 14:38	2/14/2024 19:53	315	0
1515733	2/14/2024 14:38	2/14/2024 19:53	315	0
1310926	2/14/2024 14:38	2/14/2024 19:53	315	0
645339	2/14/2024 14:38	2/14/2024 19:51	313	0
1939790	2/14/2024 14:38	2/14/2024 19:43	305	0.75
1512907	2/14/2024 14:38	2/14/2024 19:43	305	0
562346	2/14/2024 14:38	2/14/2024 19:53	315	0
1321605	2/14/2024 14:38	2/14/2024 19:37	299	0
325050	2/14/2024 14:38	2/14/2024 19:48	310	0
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1521429	2/14/2024 14:38	2/14/2024 19:42	304	0
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1445317	2/14/2024 14:39	2/14/2024 19:49	310	0
1524135	2/14/2024 14:39	2/14/2024 20:54	375	0
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626477	2/14/2024 14:39	2/14/2024 19:43	304	0
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266010	2/14/2024 14:40	2/14/2024 19:45	305	0
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1332906	2/14/2024 14:40	2/14/2024 19:34	294	0
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1093833	2/14/2024 14:42	2/14/2024 19:41	299	0

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574993	2/14/2024 14:42	2/14/2024 14:53	11	0
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69207	2/14/2024 14:42	2/14/2024 19:57	315	0
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1393633	2/14/2024 14:43	2/14/2024 19:42	299	0
593397	2/14/2024 14:44	2/14/2024 19:43	299	0
189581	2/14/2024 14:44	2/14/2024 20:07	323	0
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21306	2/14/2024 14:44	2/14/2024 19:53	309	0
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23462	2/14/2024 14:44	2/14/2024 19:49	305	0
1393699	2/14/2024 14:44	2/14/2024 19:49	305	0
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28509	2/14/2024 14:45	2/14/2024 15:01	16	0
646026	2/14/2024 14:45	2/14/2024 19:44	299	0
1358442	2/14/2024 14:45	2/15/2024 3:58	793	0
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68620	2/14/2024 14:45	2/14/2024 19:49	304	0
1493132	2/14/2024 14:46	2/14/2024 15:02	16	0
1375642	2/14/2024 14:46	2/14/2024 20:01	315	0
21820	2/14/2024 14:46	2/14/2024 19:53	307	0
7937779	2/14/2024 14:46	2/14/2024 19:39	293	0
1430553	2/14/2024 14:46	2/14/2024 19:45	299	0
1363754	2/14/2024 14:46	2/14/2024 23:36	530	0
47769	2/14/2024 14:47	2/14/2024 19:46	299	0
446329	2/14/2024 14:47	2/14/2024 15:03	16	0
11176351	2/14/2024 14:47	2/14/2024 19:46	299	0
1359694	2/14/2024 14:47	2/15/2024 0:50	603	0
34832	2/14/2024 14:47	2/14/2024 15:03	16	0
26864	2/14/2024 14:47	2/14/2024 19:52	305	0
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1565203	2/14/2024 14:47	2/14/2024 19:51	304	0
1364172	2/14/2024 14:48	2/15/2024 1:01	613	0
1361543	2/14/2024 14:48	2/15/2024 3:47	779	0
1358503	2/14/2024 14:48	2/14/2024 17:20	152	0
29848	2/14/2024 14:48	2/14/2024 14:59	11	0.04
1361099	2/14/2024 14:48	2/14/2024 23:25	517	0
1360948	2/14/2024 14:48	2/15/2024 3:55	787	0

449036	2/14/2024 14:48	2/14/2024 19:47	299	0
561672	2/14/2024 14:49	2/14/2024 19:54	305	0
1395587	2/14/2024 14:49	2/14/2024 17:27	158	0
1359800	2/14/2024 14:49	2/15/2024 0:14	565	0
27483	2/14/2024 14:49	2/14/2024 14:59	10	0
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1430644	2/14/2024 14:50	2/14/2024 19:49	299	0
1431804	2/14/2024 14:51	2/14/2024 19:29	278	0
313269	2/14/2024 14:52	2/14/2024 19:51	299	0
195666	2/14/2024 14:52	2/15/2024 9:00	1087.5	0
265864	2/14/2024 14:52	2/14/2024 19:46	294	0
1516579	2/14/2024 14:53	2/14/2024 14:58	5	0
510974	2/14/2024 14:53	2/14/2024 19:31	278	0
574993	2/14/2024 14:53	2/14/2024 14:58	5	0
506261	2/14/2024 14:54	2/14/2024 19:48	294	0
316997	2/14/2024 14:54	2/14/2024 19:53	299	0
198082	2/14/2024 14:54	2/14/2024 19:43	289	0
342796	2/14/2024 14:56	2/14/2024 19:50	294	0
8524544	2/14/2024 14:56	2/14/2024 19:50	294	0
574993	2/14/2024 14:58	2/14/2024 15:08	10	0
1516579	2/14/2024 14:58	2/14/2024 15:14	16	0
345647	2/14/2024 14:58	2/14/2024 19:57	299	0
188639	2/14/2024 14:58	2/15/2024 9:00	1081.5	0
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29848	2/14/2024 14:59	2/14/2024 19:53	294	0.1
346288	2/14/2024 15:00	2/14/2024 19:43	283	0
456048	2/14/2024 15:00	2/14/2024 19:49	289	0
1020565	2/14/2024 15:01	2/14/2024 15:32	31	0
859747	2/14/2024 15:01	2/14/2024 19:55	294	0
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28509	2/14/2024 15:01	2/14/2024 19:46	285	0
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445867	2/14/2024 15:02	2/14/2024 19:51	289	0
34887	2/14/2024 15:02	2/14/2024 19:46	284	0
1493132	2/14/2024 15:02	2/14/2024 15:28	26	0
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446329	2/14/2024 15:03	2/14/2024 19:57	294	0
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449377	2/14/2024 15:04	2/14/2024 15:31	27	0
1573666	2/14/2024 15:05	2/14/2024 19:54	289	0
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574993	2/14/2024 15:08	2/14/2024 15:14	6	0

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1510338	2/14/2024 15:14	2/14/2024 19:58	284	0
574993	2/14/2024 15:14	2/14/2024 15:24	10	0
1363277	2/14/2024 15:14	2/15/2024 0:51	577	0
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989956	2/14/2024 15:20	2/14/2024 19:37	257	0
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4173986	2/14/2024 15:23	2/14/2024 19:51	268	0
574993	2/14/2024 15:24	2/14/2024 15:29	5	0
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1324907	2/14/2024 15:25	2/14/2024 15:30	5	0
793285	2/14/2024 15:25	2/14/2024 19:37	252	0
957615	2/14/2024 15:26	2/14/2024 19:43	257	0
790670	2/14/2024 15:26	2/14/2024 19:38	252	0
956968	2/14/2024 15:27	2/14/2024 19:39	252	0
1493132	2/14/2024 15:28	2/14/2024 19:50	262	0
574993	2/14/2024 15:29	2/14/2024 15:40	11	0
1516579	2/14/2024 15:30	2/15/2024 9:00	1049.32	0
1324907	2/14/2024 15:30	2/15/2024 9:00	1049.65	0
10222019	2/14/2024 15:31	2/14/2024 15:37	6	0
593798	2/14/2024 15:31	2/14/2024 19:43	252	0
449377	2/14/2024 15:31	2/14/2024 16:49	78	0
572916	2/14/2024 15:32	2/14/2024 19:44	252	0
1020565	2/14/2024 15:32	2/14/2024 19:36	244	0
1522282	2/14/2024 15:34	2/14/2024 19:51	257	0

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574993	2/14/2024 15:40	2/14/2024 15:45	5	0
511266	2/14/2024 15:40	2/14/2024 19:52	252	0
955448	2/14/2024 15:42	2/14/2024 19:38	236	0
574993	2/14/2024 15:45	2/14/2024 15:50	5	0
610547	2/14/2024 15:47	2/15/2024 9:00	1032.27	0
10222019	2/14/2024 15:47	2/14/2024 15:52	5	0
574993	2/14/2024 15:50	2/14/2024 15:56	6	0
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1556486	2/14/2024 15:55	2/14/2024 19:51	236	0
160073	2/14/2024 15:55	2/14/2024 19:36	221	0
1554218	2/14/2024 15:55	2/14/2024 19:36	221	0
574993	2/14/2024 15:56	2/14/2024 16:06	10	0
562202	2/14/2024 15:56	2/14/2024 16:01	5	0
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1363236	2/14/2024 15:59	2/15/2024 3:52	713	0
562202	2/14/2024 16:01	2/14/2024 16:06	5	0
1664433	2/14/2024 16:02	2/14/2024 19:54	232	0
10222019	2/14/2024 16:03	2/14/2024 16:08	5	0
280173	2/14/2024 16:04	2/14/2024 19:47	223	0
562202	2/14/2024 16:06	2/14/2024 16:12	6	0
574993	2/14/2024 16:06	2/14/2024 16:11	5	0
10222019	2/14/2024 16:08	2/14/2024 16:13	5	0
1446401	2/14/2024 16:08	2/14/2024 19:43	215	0
8486022	2/14/2024 16:09	2/14/2024 19:49	220	0
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562202	2/14/2024 16:12	2/15/2024 9:00	1007.27	0
1447211	2/14/2024 16:13	2/15/2024 9:00	1006.32	0
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10222019	2/14/2024 16:19	2/14/2024 16:29	10	0
574993	2/14/2024 16:22	2/14/2024 16:27	5	0
574993	2/14/2024 16:27	2/14/2024 16:38	11	0
10222019	2/14/2024 16:29	2/14/2024 16:35	6	0
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574993	2/14/2024 16:38	2/14/2024 16:43	5	0
574993	2/14/2024 16:43	2/14/2024 16:53	10	0
449377	2/14/2024 16:49	2/14/2024 17:58	69	0
1326407	2/14/2024 16:52	2/15/2024 2:35	583	0
574993	2/14/2024 16:53	2/14/2024 16:59	6	0
1465703	2/14/2024 16:54	2/14/2024 19:52	178	0

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1469850	2/14/2024 16:58	2/14/2024 19:46	168	0
574993	2/14/2024 16:59	2/15/2024 9:00	960.27	0
1466638	2/14/2024 17:08	2/14/2024 19:40	152	0
1272457	2/14/2024 17:16	2/14/2024 19:22	126	0
1358503	2/14/2024 17:20	2/15/2024 9:00	939.65	0
1395587	2/14/2024 17:27	2/15/2024 9:00	932.65	0
733373	2/14/2024 17:53	2/15/2024 3:55	602	0
449377	2/14/2024 17:58	2/14/2024 19:16	78	0
1463520	2/14/2024 18:11	2/15/2024 0:08	357	0
1467272	2/14/2024 18:13	2/14/2024 19:53	100	0
313770	2/14/2024 18:17	2/14/2024 19:31	74	0
311322	2/14/2024 18:18	2/15/2024 9:00	881.5	0
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1321114	2/14/2024 19:15	2/15/2024 9:00	824.65	0
449377	2/14/2024 19:16	2/14/2024 19:48	32	0
1272457	2/14/2024 19:22	2/15/2024 8:45	803	0
1431804	2/14/2024 19:29	2/15/2024 9:00	810.32	0
1333801	2/14/2024 19:29	2/15/2024 9:00	810.65	0
945898	2/14/2024 19:31	2/15/2024 9:00	808.28	0
510974	2/14/2024 19:31	2/15/2024 9:00	808.27	0
313770	2/14/2024 19:31	2/15/2024 9:00	808.5	0
1343091	2/14/2024 19:32	2/15/2024 8:14	762	0
982261	2/14/2024 19:33	2/15/2024 9:00	806.1	0
1332906	2/14/2024 19:34	2/15/2024 9:00	805.65	0
1019446	2/14/2024 19:34	2/15/2024 9:00	805.1	0
1554218	2/14/2024 19:36	2/15/2024 9:00	803.32	0
1430294	2/14/2024 19:36	2/15/2024 9:00	803.32	0
1701172	2/14/2024 19:36	2/15/2024 9:00	803.65	0
160073	2/14/2024 19:36	2/15/2024 9:00	803.1	0
1020565	2/14/2024 19:36	2/15/2024 9:00	803.1	0
1321605	2/14/2024 19:37	2/15/2024 9:00	802.65	0
793285	2/14/2024 19:37	2/15/2024 9:00	802.28	0
416557	2/14/2024 19:37	2/15/2024 9:00	802.27	0
989956	2/14/2024 19:37	2/15/2024 9:00	802.1	0
658658	2/14/2024 19:38	2/15/2024 9:00	801.28	0
790670	2/14/2024 19:38	2/15/2024 9:00	801.28	0
1320008	2/14/2024 19:38	2/15/2024 9:00	801.65	0
955448	2/14/2024 19:38	2/15/2024 9:00	801.1	0
7937779	2/14/2024 19:39	2/15/2024 9:00	800.65	0
553863	2/14/2024 19:39	2/15/2024 9:00	800.27	0
956968	2/14/2024 19:39	2/15/2024 9:00	800.1	0
971524	2/14/2024 19:40	2/15/2024 9:00	799.27	0
1452193	2/14/2024 19:40	2/15/2024 9:00	799.32	0
1466638	2/14/2024 19:40	2/15/2024 8:21	761	0
1342974	2/14/2024 19:40	2/15/2024 8:17	757	0

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860281	2/14/2024 19:41	2/15/2024 9:00	798.28	0
10433250	2/14/2024 19:41	2/15/2024 9:00	798.65	0
980398	2/14/2024 19:41	2/15/2024 9:00	798.1	0
197883	2/14/2024 19:41	2/15/2024 9:00	798.5	0
1093833	2/14/2024 19:41	2/15/2024 9:00	798.27	0
1521429	2/14/2024 19:42	2/15/2024 7:52	730	0
1466357	2/14/2024 19:42	2/15/2024 9:00	797.32	0
500173	2/14/2024 19:42	2/15/2024 9:00	797.27	0
1393633	2/14/2024 19:42	2/15/2024 9:00	797.65	0
1273707	2/14/2024 19:42	2/15/2024 9:00	797.65	0
626477	2/14/2024 19:43	2/15/2024 9:00	796.27	0
957615	2/14/2024 19:43	2/15/2024 9:00	796.1	0
196408	2/14/2024 19:43	2/15/2024 9:00	796.5	0
593397	2/14/2024 19:43	2/15/2024 9:00	796.27	0
1453263	2/14/2024 19:43	2/15/2024 9:00	796.32	0
1939790	2/14/2024 19:43	2/15/2024 9:00	796.32	0
198082	2/14/2024 19:43	2/15/2024 9:00	796.5	0
1446401	2/14/2024 19:43	2/15/2024 9:00	796.32	0
1512907	2/14/2024 19:43	2/15/2024 9:00	796.32	0
346288	2/14/2024 19:43	2/15/2024 9:00	796.5	0
593798	2/14/2024 19:43	2/15/2024 9:00	796.27	0
656343	2/14/2024 19:43	2/15/2024 9:00	796.28	0
353651	2/14/2024 19:44	2/15/2024 9:00	795.5	0
572916	2/14/2024 19:44	2/15/2024 9:00	795.27	0
1509487	2/14/2024 19:44	2/15/2024 9:00	795.32	0
1415828	2/14/2024 19:44	2/15/2024 9:00	795.65	0
510307	2/14/2024 19:44	2/15/2024 9:00	795.27	0
1432827	2/14/2024 19:44	2/15/2024 9:00	795.32	0
317233	2/14/2024 19:44	2/15/2024 9:00	795.5	0
646026	2/14/2024 19:44	2/15/2024 9:00	795.27	0
8434548	2/14/2024 19:44	2/15/2024 9:00	795.5	0
1417279	2/14/2024 19:44	2/15/2024 9:00	795.65	0
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197690	2/14/2024 19:45	2/15/2024 9:00	794.5	0
1704232	2/14/2024 19:45	2/15/2024 9:00	794.65	0
623871	2/14/2024 19:45	2/15/2024 9:00	794.27	0
1451744	2/14/2024 19:45	2/15/2024 9:00	794.32	0
266010	2/14/2024 19:45	2/15/2024 9:00	794.5	0
625386	2/14/2024 19:45	2/15/2024 9:00	794.27	0
1430553	2/14/2024 19:45	2/15/2024 9:00	794.32	0
195839	2/14/2024 19:46	2/15/2024 9:00	793.5	0
265864	2/14/2024 19:46	2/15/2024 9:00	793.5	0
314188	2/14/2024 19:46	2/15/2024 9:00	793.5	0
34887	2/14/2024 19:46	2/15/2024 9:00	793.5	0
1554677	2/14/2024 19:46	2/15/2024 9:00	793.32	0

28509	2/14/2024 19:46	2/15/2024 9:00	793.5	0
1494722	2/14/2024 19:46	2/15/2024 9:00	793.65	0
47769	2/14/2024 19:46	2/15/2024 9:00	793.5	0
1469850	2/14/2024 19:46	2/15/2024 7:56	730	0
627018	2/14/2024 19:46	2/15/2024 9:00	793.27	0
1385431	2/14/2024 19:46	2/15/2024 9:00	793.65	0
1597556	2/14/2024 19:46	2/15/2024 9:00	793.32	0
564518	2/14/2024 19:46	2/15/2024 9:00	793.27	0
979888	2/14/2024 19:46	2/15/2024 9:00	793.1	0
317797	2/14/2024 19:46	2/15/2024 9:00	793.5	0
29635	2/14/2024 19:46	2/15/2024 9:00	793.5	0
11176351	2/14/2024 19:46	2/15/2024 9:00	793.32	0
553755	2/14/2024 19:46	2/15/2024 9:00	793.27	0
1433348	2/14/2024 19:47	2/15/2024 7:51	724	0
34832	2/14/2024 19:47	2/15/2024 9:00	792.5	0
51483	2/14/2024 19:47	2/15/2024 9:00	792.5	0
449036	2/14/2024 19:47	2/15/2024 9:00	792.27	0
1307027	2/14/2024 19:47	2/15/2024 9:00	792.65	0
277818	2/14/2024 19:47	2/15/2024 9:00	792.5	0
572882	2/14/2024 19:47	2/15/2024 9:00	792.27	0
624901	2/14/2024 19:47	2/15/2024 9:00	792.27	0
280173	2/14/2024 19:47	2/15/2024 9:00	792.5	0
353082	2/14/2024 19:47	2/15/2024 9:00	792.5	0
274059	2/14/2024 19:47	2/15/2024 9:00	792.5	0
1555376	2/14/2024 19:48	2/15/2024 9:00	791.32	0
975066	2/14/2024 19:48	2/15/2024 9:00	791.1	0
449377	2/14/2024 19:48	2/14/2024 20:09	21	0
328408	2/14/2024 19:48	2/15/2024 9:00	791.5	0
506261	2/14/2024 19:48	2/15/2024 9:00	791.27	0
1456419	2/14/2024 19:48	2/15/2024 9:00	791.32	0
623069	2/14/2024 19:48	2/15/2024 9:00	791.27	0
70866	2/14/2024 19:48	2/15/2024 9:00	791.5	0
1556434	2/14/2024 19:48	2/15/2024 9:00	791.32	0
456084	2/14/2024 19:48	2/15/2024 9:00	791.27	0
325050	2/14/2024 19:48	2/15/2024 9:00	791.5	0
1465882	2/14/2024 19:48	2/15/2024 9:00	791.32	0
68308	2/14/2024 19:49	2/15/2024 9:00	790.5	0
456048	2/14/2024 19:49	2/15/2024 9:00	790.27	0
315730	2/14/2024 19:49	2/15/2024 9:00	790.5	0
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277301	2/14/2024 19:49	2/15/2024 9:00	790.5	0
23462	2/14/2024 19:49	2/15/2024 9:00	790.5	0
1514004	2/14/2024 19:49	2/15/2024 9:00	790.32	0
1393699	2/14/2024 19:49	2/15/2024 9:00	790.65	0
196965	2/14/2024 19:49	2/15/2024 9:00	790.5	0
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30471	2/14/2024 19:49	2/15/2024 9:00	790.5	0

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8486022	2/14/2024 19:49	2/15/2024 9:00	790.32	0
324290	2/14/2024 19:49	2/15/2024 9:00	790.5	0
8524544	2/14/2024 19:50	2/15/2024 9:00	789.5	0
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1493132	2/14/2024 19:50	2/15/2024 8:37	767	0
320966	2/14/2024 19:50	2/15/2024 9:00	789.5	0
1550815	2/14/2024 19:50	2/15/2024 9:00	789.32	0
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381338	2/14/2024 19:50	2/15/2024 9:00	789.27	0
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324249	2/14/2024 19:51	2/15/2024 9:00	788.5	0
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315169	2/14/2024 19:51	2/15/2024 9:00	788.5	0
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313269	2/14/2024 19:51	2/15/2024 9:00	788.5	0
574596	2/14/2024 19:52	2/15/2024 9:00	787.27	0
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23566	2/14/2024 19:52	2/15/2024 9:00	787.5	0
507365	2/14/2024 19:52	2/15/2024 9:00	787.27	0
26864	2/14/2024 19:52	2/15/2024 9:00	787.5	0
1683861	2/14/2024 19:52	2/15/2024 9:00	787.5	0
1465703	2/14/2024 19:52	2/15/2024 9:00	787.32	0
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51957	2/14/2024 19:55	2/15/2024 9:00	784.5	0
627289	2/14/2024 19:55	2/15/2024 9:00	784.27	0
859747	2/14/2024 19:55	2/15/2024 9:00	784.28	0
276488	2/14/2024 19:56	2/15/2024 9:00	783.5	0
197356	2/14/2024 19:56	2/15/2024 9:00	783.5	0
24124	2/14/2024 19:56	2/15/2024 9:00	783.5	0
345647	2/14/2024 19:57	2/15/2024 9:00	782.5	0
69207	2/14/2024 19:57	2/15/2024 9:00	782.5	0
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446329	2/14/2024 19:57	2/15/2024 9:00	782.27	0
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324045	2/14/2024 19:58	2/15/2024 9:00	781.5	0
1551513	2/14/2024 19:59	2/15/2024 9:00	780.32	0
1641091	2/14/2024 19:59	2/15/2024 9:00	780.32	0

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189581	2/14/2024 20:07	2/15/2024 9:00	772.5	0
449377	2/14/2024 20:09	2/14/2024 20:25	16	0
449377	2/14/2024 20:25	2/14/2024 21:12	47	0
549259	2/14/2024 20:36	2/15/2024 9:00	743.27	0
1309098	2/14/2024 20:48	2/15/2024 9:00	731.65	0
353728	2/14/2024 20:50	2/15/2024 9:00	729.5	0
1524135	2/14/2024 20:54	2/15/2024 7:56	662	0
449377	2/14/2024 21:12	2/14/2024 22:15	63	0
664453	2/14/2024 22:01	2/15/2024 9:00	658.28	0
449377	2/14/2024 22:15	2/14/2024 22:35	20	0
449377	2/14/2024 22:35	2/14/2024 22:52	17	0
449377	2/14/2024 22:52	2/14/2024 23:23	31	0
449377	2/14/2024 23:23	2/14/2024 23:55	32	0
1361099	2/14/2024 23:25	2/15/2024 9:00	574.65	0
1363754	2/14/2024 23:36	2/15/2024 9:00	563.65	0
449377	2/14/2024 23:55	2/15/2024 1:08	73	0
1463520	2/15/2024 0:08	2/15/2024 8:08	480	0
1359800	2/15/2024 0:14	2/15/2024 9:00	525.65	0
1363366	2/15/2024 0:33	2/15/2024 9:00	506.65	0
1361804	2/15/2024 0:42	2/15/2024 9:00	497.65	0
1359694	2/15/2024 0:50	2/15/2024 9:00	489.65	0
1363277	2/15/2024 0:51	2/15/2024 9:00	488.65	0
1364172	2/15/2024 1:01	2/15/2024 9:00	478.65	0
449377	2/15/2024 1:08	2/15/2024 2:16	68	0
1508184	2/15/2024 1:12	2/15/2024 9:00	467.32	0
449377	2/15/2024 2:16	2/15/2024 3:09	53	0
1326407	2/15/2024 2:35	2/15/2024 8:01	326	0
449377	2/15/2024 3:09	2/15/2024 3:14	5	0
449377	2/15/2024 3:14	2/15/2024 3:40	26	0
449377	2/15/2024 3:40	2/15/2024 4:33	53	0
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1363108	2/15/2024 3:48	2/15/2024 9:00	311.65	0
1362128	2/15/2024 3:50	2/15/2024 9:00	309.65	0
1363236	2/15/2024 3:52	2/15/2024 9:00	307.65	0
1360948	2/15/2024 3:55	2/15/2024 9:00	304.65	0
733373	2/15/2024 3:55	2/15/2024 8:33	278	0
10371646	2/15/2024 3:56	2/15/2024 9:00	303.65	0
1358442	2/15/2024 3:58	2/15/2024 9:00	301.65	0
449377	2/15/2024 4:33	2/15/2024 7:00	147	0
1348551	2/15/2024 6:08	2/15/2024 9:00	171.65	0
1347943	2/15/2024 6:11	2/15/2024 9:00	168.65	0
1347024	2/15/2024 6:11	2/15/2024 9:00	168.65	0
1347949	2/15/2024 6:13	2/15/2024 9:00	166.65	0
8734349	2/15/2024 6:17	2/15/2024 9:00	162.65	0
449377	2/15/2024 7:00	2/15/2024 7:58	58	0
1433348	2/15/2024 7:51	2/15/2024 9:00	68.32	0

1521429	2/15/2024 7:52	2/15/2024 9:00	67.32	0
1522642	2/15/2024 7:53	2/15/2024 9:00	66.32	0
1522511	2/15/2024 7:54	2/15/2024 9:00	65.32	0
1469270	2/15/2024 7:55	2/15/2024 9:00	64.32	0
1432940	2/15/2024 7:55	2/15/2024 9:00	64.32	0
1469850	2/15/2024 7:56	2/15/2024 9:00	63.32	0
1524135	2/15/2024 7:56	2/15/2024 9:00	63.32	0
449377	2/15/2024 7:58	2/15/2024 8:57	59	0
1326407	2/15/2024 8:01	2/15/2024 9:00	58.65	0
1463520	2/15/2024 8:08	2/15/2024 9:00	51.32	0
1467272	2/15/2024 8:08	2/15/2024 9:00	51.32	0
1445317	2/15/2024 8:09	2/15/2024 9:00	50.32	0
1343091	2/15/2024 8:14	2/15/2024 9:00	45.65	0
1342974	2/15/2024 8:17	2/15/2024 9:00	42.65	0
1466638	2/15/2024 8:21	2/15/2024 9:00	38.32	0
1522282	2/15/2024 8:22	2/15/2024 9:00	37.32	0
1522810	2/15/2024 8:24	2/15/2024 9:00	35.32	0
733373	2/15/2024 8:33	2/15/2024 9:00	26.28	0
1493132	2/15/2024 8:37	2/15/2024 9:00	22.65	0
1272457	2/15/2024 8:45	2/15/2024 9:00	14.65	0
449377	2/15/2024 8:57	2/15/2024 9:00	2.27	0
1654064	2/15/2024 8:59	2/15/2024 9:00	0.1	0
10433250	2/15/2024 9:00	2/15/2024 19:37	637	0
1360948	2/15/2024 9:00	2/16/2024 9:00	1439.65	0
574993	2/15/2024 9:00	2/15/2024 11:21	141	0
1352388	2/15/2024 9:00	2/16/2024 9:00	1439.65	0
1516579	2/15/2024 9:00	2/15/2024 10:51	111	0
562202	2/15/2024 9:00	2/16/2024 9:00	1439.27	0
1348731	2/15/2024 9:00	2/15/2024 17:11	491	0
1453263	2/15/2024 9:00	2/15/2024 10:51	111	0
1333801	2/15/2024 9:00	2/15/2024 19:22	622	0
10222019	2/15/2024 9:00	2/15/2024 10:08	68	0
314188	2/15/2024 9:00	2/15/2024 10:01	61	0
353728	2/15/2024 9:00	2/15/2024 14:24	324	0
1513541	2/15/2024 9:00	2/16/2024 9:00	1439.32	0
315169	2/15/2024 9:00	2/15/2024 10:02	62	0
554089	2/15/2024 9:00	2/16/2024 9:00	1439.27	0
328408	2/15/2024 9:01	2/16/2024 9:00	1438.5	0
561672	2/15/2024 9:01	2/15/2024 14:32	331	0
1340000	2/15/2024 9:06	2/15/2024 15:35	389	0
664030	2/15/2024 9:06	2/16/2024 9:00	1433.28	0
1339756	2/15/2024 9:06	2/15/2024 19:41	635	0
1522642	2/15/2024 9:06	2/15/2024 14:11	305	0
315730	2/15/2024 9:07	2/15/2024 10:05	58	0
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1366197	2/15/2024 9:07	2/16/2024 9:00	1432.65	0
8950281	2/15/2024 9:08	2/16/2024 9:00	1431.5	0

1288420	2/15/2024 9:08	2/16/2024 9:00	1431.65	0
605186	2/15/2024 9:08	2/15/2024 10:06	58	0
1524135	2/15/2024 9:08	2/15/2024 10:11	63	0
7937779	2/15/2024 9:08	2/15/2024 19:43	635	0
1522511	2/15/2024 9:08	2/15/2024 14:07	299	0
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1469850	2/15/2024 9:09	2/15/2024 19:34	625	0
1445317	2/15/2024 9:09	2/15/2024 19:29	620	0
1522282	2/15/2024 9:09	2/15/2024 14:13	304	0
1466638	2/15/2024 9:09	2/15/2024 11:41	152	0
1522810	2/15/2024 9:11	2/15/2024 15:48	397	0
611289	2/15/2024 9:11	2/15/2024 19:14	603	0
1463520	2/15/2024 9:11	2/15/2024 19:36	625	0
1467272	2/15/2024 9:11	2/15/2024 19:36	625	0
1521429	2/15/2024 9:11	2/15/2024 10:08	57	0
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980398	2/15/2024 9:16	2/15/2024 19:35	619	0
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1343091	2/15/2024 9:17	2/15/2024 19:30	613	0
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51957	2/15/2024 9:18	2/15/2024 19:53	635	0
1190246	2/15/2024 9:24	2/15/2024 14:23	299	0
1654064	2/15/2024 9:25	2/15/2024 19:14	589	0
1494722	2/15/2024 9:25	2/15/2024 19:47	622	0
1393699	2/15/2024 9:26	2/15/2024 19:40	614	0
1321605	2/15/2024 9:27	2/15/2024 19:25	598	0
1396057	2/15/2024 9:33	2/15/2024 19:37	604	0
1551510	2/15/2024 9:36	2/15/2024 19:28	592	0
10013697	2/15/2024 9:36	2/15/2024 19:29	593	0
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613227	2/15/2024 9:38	2/15/2024 19:13	575	0
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1551513	2/15/2024 9:38	2/15/2024 19:41	603	0
664453	2/15/2024 9:39	2/15/2024 19:41	602	0
1432940	2/15/2024 9:40	2/15/2024 19:33	593	0
1433348	2/15/2024 9:42	2/15/2024 19:35	593	0
320966	2/15/2024 9:45	2/15/2024 11:46	121	0
1604432	2/15/2024 9:48	2/15/2024 19:09	561	0
1463218	2/15/2024 9:49	2/15/2024 19:32	583	0
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1701172	2/15/2024 9:51	2/15/2024 19:29	578	0
1464949	2/15/2024 9:51	2/15/2024 19:41	590	0
1363236	2/15/2024 9:51	2/15/2024 16:49	418	0
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1320008	2/15/2024 9:52	2/15/2024 19:33	581	0

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1461375	2/15/2024 9:53	2/15/2024 19:31	578	0
1359800	2/15/2024 9:53	2/15/2024 11:35	102	0
1552154	2/15/2024 9:54	2/15/2024 19:43	589	0
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587455	2/15/2024 9:55	2/16/2024 9:00	1384.27	0
1430294	2/15/2024 10:01	2/15/2024 14:18	257	0
314188	2/15/2024 10:01	2/15/2024 19:39	578	0
1704232	2/15/2024 10:01	2/15/2024 19:44	583	0
979888	2/15/2024 10:02	2/15/2024 10:44	42	0
47769	2/15/2024 10:02	2/15/2024 19:45	583	0
315169	2/15/2024 10:02	2/15/2024 19:34	572	0
945898	2/15/2024 10:03	2/15/2024 19:40	577	0
315730	2/15/2024 10:05	2/15/2024 19:32	567	0
982261	2/15/2024 10:05	2/15/2024 10:46	41	0
605186	2/15/2024 10:06	2/15/2024 14:23	257	0
971524	2/15/2024 10:06	2/15/2024 10:22	16	0
1310926	2/15/2024 10:06	2/15/2024 10:53	47	0
1456419	2/15/2024 10:06	2/15/2024 19:42	576	0
627289	2/15/2024 10:06	2/15/2024 10:21	15	0
8148103	2/15/2024 10:07	2/15/2024 19:44	577	0
627018	2/15/2024 10:08	2/15/2024 10:23	15	0
1524033	2/15/2024 10:08	2/15/2024 19:36	568	0.26
1309098	2/15/2024 10:08	2/15/2024 10:55	47	0
601397	2/15/2024 10:08	2/15/2024 14:20	252	0
1511532	2/15/2024 10:08	2/15/2024 14:09	241	0
800600	2/15/2024 10:08	2/15/2024 19:45	577	0
1521429	2/15/2024 10:08	2/15/2024 14:10	242	0
10222019	2/15/2024 10:08	2/15/2024 10:17	9	0
316997	2/15/2024 10:08	2/15/2024 19:35	567	0
1516786	2/15/2024 10:09	2/16/2024 9:00	1370.32	0
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800590	2/15/2024 10:09	2/15/2024 19:31	562	0
1508563	2/15/2024 10:09	2/15/2024 14:10	241	0
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800576	2/15/2024 10:10	2/15/2024 19:42	572	0
800588	2/15/2024 10:10	2/15/2024 19:42	572	0
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10222019	2/15/2024 10:17	2/15/2024 11:03	46	0
1554218	2/15/2024 10:18	2/15/2024 11:47	89	0
274125	2/15/2024 10:19	2/15/2024 11:37	78	0
506261	2/15/2024 10:20	2/15/2024 11:38	78	0.11
1556486	2/15/2024 10:20	2/15/2024 11:49	89	0
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574596	2/15/2024 10:21	2/15/2024 11:36	75	0

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274059	2/15/2024 10:21	2/15/2024 14:21	240	0
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511266	2/15/2024 10:23	2/15/2024 11:37	74	0
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1321114	2/15/2024 10:24	2/15/2024 10:55	31	0
793285	2/15/2024 10:25	2/15/2024 11:54	89	0
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328113	2/15/2024 10:44	2/15/2024 12:13	89	0
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982261	2/15/2024 10:46	2/15/2024 19:36	530	0

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195839	2/15/2024 10:51	2/15/2024 11:38	47	0
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1672784	2/15/2024 10:51	2/16/2024 9:00	1328.27	0.01
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1309098	2/15/2024 10:55	2/15/2024 19:40	525	0
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381982	2/15/2024 10:57	2/15/2024 11:39	42	0
6995795	2/15/2024 10:57	2/15/2024 13:24	147	0
380736	2/15/2024 10:57	2/15/2024 11:44	47	0
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380057	2/15/2024 10:58	2/15/2024 11:40	42	0
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1376158	2/15/2024 11:00	2/15/2024 11:37	37	0
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971524	2/15/2024 11:04	2/15/2024 14:20	196	0
10393495	2/15/2024 11:04	2/15/2024 11:38	34	0
1556243	2/15/2024 11:05	2/15/2024 11:47	42	0
627018	2/15/2024 11:05	2/15/2024 14:19	194	0
624716	2/15/2024 11:06	2/15/2024 19:48	522	0
1683861	2/15/2024 11:06	2/15/2024 19:51	525	0
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626477	2/15/2024 11:07	2/15/2024 14:21	194	0
198082	2/15/2024 11:07	2/15/2024 11:38	31	0
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1446401	2/15/2024 11:08	2/15/2024 19:28	500	0
646026	2/15/2024 11:08	2/15/2024 14:07	179	0
1511816	2/15/2024 11:09	2/15/2024 14:07	178	0

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127206	2/15/2024 11:09	2/16/2024 9:00	1310.5	0
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1437071	2/15/2024 11:10	2/15/2024 11:58	48	0
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325050	2/15/2024 11:22	2/15/2024 11:54	32	0
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324045	2/15/2024 11:22	2/15/2024 11:53	31	0
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1641091	2/15/2024 11:26	2/15/2024 19:39	493	0
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574993	2/15/2024 11:27	2/15/2024 11:37	10	0
416557	2/15/2024 11:27	2/15/2024 11:59	32	0
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11081884	2/15/2024 11:33	2/15/2024 14:39	186	0
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449036	2/15/2024 11:34	2/15/2024 12:16	42	0
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500173	2/15/2024 11:34	2/15/2024 14:48	194	0.86
1394324	2/15/2024 11:35	2/15/2024 20:47	552	0
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449377	2/15/2024 11:35	2/15/2024 12:16	41	0
574596	2/15/2024 11:36	2/15/2024 13:52	136	0
1385431	2/15/2024 11:36	2/15/2024 11:52	16	0
197690	2/15/2024 11:36	2/15/2024 14:35	179	0
574993	2/15/2024 11:37	2/15/2024 11:42	5	0
852071	2/15/2024 11:37	2/15/2024 11:52	15	0
274125	2/15/2024 11:37	2/15/2024 11:52	15	0
1376158	2/15/2024 11:37	2/15/2024 11:53	16	0
510974	2/15/2024 11:37	2/15/2024 12:09	32	0
197883	2/15/2024 11:37	2/15/2024 14:36	179	0

9063373	2/15/2024 11:37	2/15/2024 19:50	493	0
511266	2/15/2024 11:37	2/15/2024 12:08	31	0
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195839	2/15/2024 11:38	2/15/2024 14:37	179	0
852125	2/15/2024 11:38	2/15/2024 11:54	16	0
989956	2/15/2024 11:38	2/15/2024 12:04	26	0
1359694	2/15/2024 11:38	2/15/2024 12:51	73	0
198082	2/15/2024 11:38	2/15/2024 14:37	179	0
10393495	2/15/2024 11:38	2/15/2024 11:53	15	0
1515733	2/15/2024 11:38	2/15/2024 14:39	181	0
506261	2/15/2024 11:38	2/15/2024 12:10	32	0
656498	2/15/2024 11:38	2/15/2024 19:41	483	0
197356	2/15/2024 11:38	2/15/2024 14:37	179	0
196408	2/15/2024 11:39	2/15/2024 14:38	179	0
196965	2/15/2024 11:39	2/15/2024 14:36	177	0.05
381982	2/15/2024 11:39	2/15/2024 14:43	184	0
510307	2/15/2024 11:39	2/15/2024 12:06	27	0
507365	2/15/2024 11:39	2/15/2024 12:10	31	0
380057	2/15/2024 11:40	2/15/2024 15:02	202	0
8910809	2/15/2024 11:40	2/15/2024 15:57	257	0
1466638	2/15/2024 11:41	2/15/2024 12:12	31	0
564518	2/15/2024 11:41	2/15/2024 14:55	194	0
660265	2/15/2024 11:41	2/15/2024 19:44	483	0
1093833	2/15/2024 11:42	2/15/2024 14:56	194	0
1377926	2/15/2024 11:42	2/15/2024 11:53	11	0
574993	2/15/2024 11:42	2/15/2024 13:54	132	0
1465703	2/15/2024 11:42	2/15/2024 12:09	27	0
8495802	2/15/2024 11:43	2/15/2024 11:59	16	0
1516579	2/15/2024 11:43	2/15/2024 14:40	177	0
380736	2/15/2024 11:44	2/15/2024 14:40	176	0
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1554218	2/15/2024 11:47	2/15/2024 12:04	17	0
1556486	2/15/2024 11:49	2/15/2024 12:05	16	0
1019446	2/15/2024 11:49	2/15/2024 12:15	26	0.04
1556434	2/15/2024 11:50	2/15/2024 12:05	15	0
281235	2/15/2024 11:50	2/15/2024 14:54	184	0
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1493766	2/15/2024 11:51	2/15/2024 12:07	16	0
324249	2/15/2024 11:51	2/15/2024 15:53	242	0
852071	2/15/2024 11:52	2/15/2024 19:44	472	0
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1385431	2/15/2024 11:52	2/15/2024 12:08	16	0
274125	2/15/2024 11:52	2/15/2024 14:20	148	0
324045	2/15/2024 11:53	2/15/2024 14:26	153	0.01
1377926	2/15/2024 11:53	2/15/2024 12:08	15	0

174362	2/15/2024 11:53	2/16/2024 9:00	1266.5	0
323747	2/15/2024 11:53	2/15/2024 15:55	242	0
10393495	2/15/2024 11:53	2/15/2024 15:07	194	0.01
1376158	2/15/2024 11:53	2/15/2024 12:09	16	0
325050	2/15/2024 11:54	2/15/2024 14:21	147	0
852125	2/15/2024 11:54	2/15/2024 19:41	467	0
793285	2/15/2024 11:54	2/15/2024 19:30	456	0
1020565	2/15/2024 11:54	2/15/2024 12:15	21	0
6714863	2/15/2024 11:55	2/15/2024 19:43	468	0
790670	2/15/2024 11:55	2/15/2024 19:37	462	0
280364	2/15/2024 11:57	2/15/2024 14:21	144	0
1564723	2/15/2024 11:58	2/15/2024 12:13	15	0
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8495802	2/15/2024 11:59	2/15/2024 14:15	136	0
416557	2/15/2024 11:59	2/15/2024 13:02	63	0
1566872	2/15/2024 12:01	2/15/2024 12:11	10	0
1554218	2/15/2024 12:04	2/15/2024 14:35	151	0
1556243	2/15/2024 12:04	2/15/2024 13:16	72	0
989956	2/15/2024 12:04	2/15/2024 19:36	452	0
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1556434	2/15/2024 12:05	2/15/2024 13:18	73	0
1453263	2/15/2024 12:05	2/15/2024 19:42	457	0
510307	2/15/2024 12:06	2/15/2024 14:22	136	0
1493766	2/15/2024 12:07	2/15/2024 15:10	183	0
1437071	2/15/2024 12:08	2/15/2024 12:56	48	0
511266	2/15/2024 12:08	2/15/2024 14:25	137	0
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1377926	2/15/2024 12:08	2/16/2024 9:00	1251.65	0
510974	2/15/2024 12:09	2/15/2024 13:54	105	0
1376158	2/15/2024 12:09	2/16/2024 9:00	1250.65	0
1465703	2/15/2024 12:09	2/16/2024 9:00	1250.32	0
506261	2/15/2024 12:10	2/15/2024 14:37	147	0
507365	2/15/2024 12:10	2/15/2024 14:21	131	0
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1466638	2/15/2024 12:12	2/15/2024 12:54	42	0
328113	2/15/2024 12:13	2/16/2024 9:00	1246.5	0
1564723	2/15/2024 12:13	2/15/2024 13:01	48	0
456084	2/15/2024 12:15	2/15/2024 14:47	152	0
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1019446	2/15/2024 12:15	2/15/2024 13:13	58	0
449036	2/15/2024 12:16	2/15/2024 14:17	121	0
449377	2/15/2024 12:16	2/15/2024 12:59	43	0
456048	2/15/2024 12:17	2/15/2024 14:49	152	0
320966	2/15/2024 12:33	2/15/2024 14:44	131	0
1359694	2/15/2024 12:51	2/15/2024 13:49	58	0
1359800	2/15/2024 12:52	2/15/2024 13:50	58	0
1466638	2/15/2024 12:54	2/15/2024 13:10	16	0

1437071	2/15/2024 12:56	2/16/2024 9:00	1203.32	0
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1275035	2/15/2024 12:58	2/16/2024 9:00	1201.65	0
1465882	2/15/2024 12:59	2/15/2024 15:00	121	0
449377	2/15/2024 12:59	2/15/2024 13:14	15	0
1564723	2/15/2024 13:01	2/16/2024 9:00	1198.32	0
416557	2/15/2024 13:02	2/16/2024 9:00	1197.27	0
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353082	2/15/2024 13:06	2/15/2024 14:20	74	0
1466638	2/15/2024 13:10	2/15/2024 14:13	63	0
1019446	2/15/2024 13:13	2/15/2024 13:42	29	0
1020565	2/15/2024 13:13	2/15/2024 13:43	30	0
449377	2/15/2024 13:14	2/15/2024 14:02	48	0
1556243	2/15/2024 13:16	2/15/2024 14:35	79	0
1556486	2/15/2024 13:18	2/15/2024 13:50	32	0
1556434	2/15/2024 13:18	2/15/2024 13:50	32	0
1538577	2/15/2024 13:20	2/16/2024 9:00	1179.32	0
6995795	2/15/2024 13:24	2/15/2024 14:43	79	0
1430644	2/15/2024 13:33	2/15/2024 14:20	47	0
309961	2/15/2024 13:42	2/15/2024 14:43	61	0
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26864	2/15/2024 13:43	2/15/2024 14:25	42	0
34905	2/15/2024 13:44	2/15/2024 14:10	26	0
308959	2/15/2024 13:45	2/15/2024 14:27	42	0
69207	2/15/2024 13:48	2/15/2024 14:20	32	0
68620	2/15/2024 13:49	2/15/2024 14:20	31	0
1359694	2/15/2024 13:49	2/15/2024 14:20	31	0
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1556486	2/15/2024 13:50	2/15/2024 14:32	42	0
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510974	2/15/2024 13:54	2/15/2024 14:09	15	0
574993	2/15/2024 13:54	2/15/2024 13:59	5	0
34887	2/15/2024 13:57	2/15/2024 14:28	31	0
10222019	2/15/2024 13:57	2/15/2024 14:28	31	0
34832	2/15/2024 13:59	2/15/2024 14:25	26	0
574993	2/15/2024 13:59	2/15/2024 14:20	21	0
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8495802	2/15/2024 14:31	2/15/2024 14:47	16	0
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1556486	2/15/2024 14:32	2/15/2024 19:36	304	0
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252859	2/15/2024 14:32	2/15/2024 15:02	30	0
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197883	2/15/2024 14:36	2/15/2024 19:40	304	0
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507365	2/15/2024 14:36	2/15/2024 19:46	310	0
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21820	2/15/2024 14:38	2/15/2024 19:48	310	0
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1512146	2/15/2024 14:38	2/15/2024 19:42	304	0
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1509487	2/15/2024 14:38	2/15/2024 19:47	309	0
274059	2/15/2024 14:38	2/15/2024 19:38	300	0
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627289	2/15/2024 14:39	2/15/2024 19:54	315	0
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11081884	2/15/2024 14:39	2/15/2024 19:48	309	0
8734029	2/15/2024 14:39	2/15/2024 19:43	304	0
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1431996	2/15/2024 14:40	2/15/2024 19:40	300	0

380736	2/15/2024 14:40	2/15/2024 19:38	298	0
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1516579	2/15/2024 14:40	2/15/2024 14:46	6	0
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574993	2/15/2024 14:41	2/15/2024 14:51	10	0
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308959	2/15/2024 14:44	2/15/2024 19:37	293	0
23566	2/15/2024 14:44	2/15/2024 19:43	299	0
320966	2/15/2024 14:44	2/15/2024 19:43	299	0
1413046	2/15/2024 14:44	2/16/2024 9:00	1095.65	0
563721	2/15/2024 14:45	2/15/2024 19:39	294	0
1019446	2/15/2024 14:45	2/15/2024 15:43	58	0
1516579	2/15/2024 14:46	2/15/2024 14:51	5	0
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456084	2/15/2024 14:47	2/15/2024 19:41	294	0
8495802	2/15/2024 14:47	2/15/2024 19:20	273	0
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500173	2/15/2024 14:48	2/15/2024 19:37	289	0
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449036	2/15/2024 14:49	2/15/2024 19:43	294	0
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1430553	2/15/2024 14:50	2/15/2024 19:33	283	0
1431804	2/15/2024 14:50	2/15/2024 19:23	273	0
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623069	2/15/2024 14:51	2/15/2024 19:45	294	0
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6583289	2/15/2024 14:51	2/15/2024 20:38	347	0
353082	2/15/2024 14:51	2/15/2024 19:45	294	0
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623871	2/15/2024 14:52	2/15/2024 19:40	288	0
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308032	2/15/2024 14:52	2/15/2024 19:46	294	0
1361099	2/15/2024 14:52	2/15/2024 19:35	283	0
12377908	2/15/2024 14:52	2/15/2024 15:21	29	0
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198082	2/15/2024 14:53	2/15/2024 19:40	287	0
329546	2/15/2024 14:53	2/15/2024 19:36	283	0
553863	2/15/2024 14:54	2/15/2024 19:42	288	0
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523489	2/15/2024 14:54	2/15/2024 19:43	289	0
6280623	2/15/2024 14:54	2/15/2024 19:42	288	0
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1466638	2/15/2024 14:55	2/15/2024 15:42	47	0
8524544	2/15/2024 14:55	2/15/2024 19:44	289	0
314899	2/15/2024 14:55	2/15/2024 19:34	279	0
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26864	2/15/2024 14:56	2/15/2024 19:40	284	0
8104722	2/15/2024 14:57	2/15/2024 19:30	273	0
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317084	2/15/2024 14:57	2/15/2024 19:40	283	0
34832	2/15/2024 14:57	2/15/2024 19:40	283	0
35442	2/15/2024 14:58	2/15/2024 19:43	285	0
317126	2/15/2024 14:58	2/15/2024 19:40	282	0
34887	2/15/2024 15:00	2/15/2024 19:43	283	0
1393633	2/15/2024 15:00	2/15/2024 19:33	273	0
1465882	2/15/2024 15:00	2/15/2024 19:32	272	0
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252859	2/15/2024 15:02	2/15/2024 19:37	275	0
10222019	2/15/2024 15:05	2/15/2024 15:10	5	0
6828301	2/15/2024 15:05	2/15/2024 19:45	280	0
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574993	2/15/2024 15:07	2/15/2024 15:12	5	0
511223	2/15/2024 15:07	2/15/2024 19:46	279	0
601397	2/15/2024 15:07	2/16/2024 9:00	1072.27	0
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510522	2/15/2024 15:07	2/15/2024 19:45	278	0

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1493766	2/15/2024 15:10	2/15/2024 19:37	267	0
574993	2/15/2024 15:12	2/15/2024 15:23	11	0
189581	2/15/2024 15:12	2/15/2024 19:45	273	0
449377	2/15/2024 15:20	2/15/2024 15:36	16	0
308622	2/15/2024 15:21	2/15/2024 19:45	264	0
12377908	2/15/2024 15:21	2/15/2024 19:39	258	0
1516579	2/15/2024 15:22	2/15/2024 15:28	6	0
574993	2/15/2024 15:23	2/15/2024 15:28	5	0
553755	2/15/2024 15:23	2/15/2024 19:40	257	0
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574993	2/15/2024 15:28	2/15/2024 15:39	11	0
1516579	2/15/2024 15:28	2/16/2024 9:00	1051.32	0
981933	2/15/2024 15:32	2/15/2024 19:39	247	0
445867	2/15/2024 15:32	2/15/2024 19:50	258	0
446329	2/15/2024 15:35	2/15/2024 19:52	257	0
1340000	2/15/2024 15:35	2/15/2024 15:40	5	0
449377	2/15/2024 15:36	2/15/2024 15:57	21	0
574993	2/15/2024 15:39	2/15/2024 15:44	5	0
1340000	2/15/2024 15:40	2/16/2024 1:39	599	0
1466638	2/15/2024 15:42	2/15/2024 16:40	58	0
1019446	2/15/2024 15:43	2/15/2024 15:58	15	0
574993	2/15/2024 15:44	2/15/2024 15:54	10	0
1522810	2/15/2024 15:48	2/15/2024 15:52	4	0
1522810	2/15/2024 15:52	2/16/2024 1:46	594	0
1190246	2/15/2024 15:52	2/15/2024 19:38	226	0
1522511	2/15/2024 15:52	2/15/2024 19:38	226	0
324249	2/15/2024 15:53	2/15/2024 19:34	221	0
1511251	2/15/2024 15:53	2/15/2024 19:39	226	0
1524135	2/15/2024 15:54	2/15/2024 19:34	220	0
1523423	2/15/2024 15:54	2/15/2024 19:24	210	0
1511532	2/15/2024 15:54	2/15/2024 19:45	231	0
574993	2/15/2024 15:54	2/15/2024 16:00	6	0
321310	2/15/2024 15:54	2/15/2024 19:39	225	0
1523269	2/15/2024 15:55	2/15/2024 19:46	231	0
1521429	2/15/2024 15:55	2/15/2024 19:30	215	0
323747	2/15/2024 15:55	2/15/2024 19:35	220	0
1508563	2/15/2024 15:56	2/15/2024 19:36	220	0
1522642	2/15/2024 15:56	2/15/2024 19:47	231	0
1511264	2/15/2024 15:56	2/15/2024 19:36	220	0
8910809	2/15/2024 15:57	2/16/2024 9:00	1022.27	0
449377	2/15/2024 15:57	2/15/2024 16:34	37	0
1522282	2/15/2024 15:58	2/15/2024 19:28	210	0

1019446	2/15/2024 15:58	2/15/2024 19:20	202	0
574993	2/15/2024 16:00	2/15/2024 16:10	10	0
1325831	2/15/2024 16:00	2/16/2024 9:00	1019.65	0
1272457	2/15/2024 16:01	2/15/2024 19:25	204	0
10222019	2/15/2024 16:06	2/15/2024 16:11	5	0
8724096	2/15/2024 16:06	2/15/2024 16:11	5	0
1362128	2/15/2024 16:07	2/15/2024 19:37	210	0
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1349177	2/15/2024 16:08	2/15/2024 16:14	6	0
1363108	2/15/2024 16:08	2/15/2024 19:44	216	0
1359800	2/15/2024 16:08	2/15/2024 19:38	210	0
574993	2/15/2024 16:10	2/15/2024 16:15	5	0
8724096	2/15/2024 16:11	2/16/2024 9:00	1008.65	0
10222019	2/15/2024 16:11	2/15/2024 16:22	11	0
1347024	2/15/2024 16:12	2/16/2024 2:40	628	0
1348044	2/15/2024 16:12	2/16/2024 2:00	588	0
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1347888	2/15/2024 16:14	2/16/2024 0:58	524	0
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574993	2/15/2024 16:15	2/16/2024 9:00	1004.27	0
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1350499	2/15/2024 16:17	2/16/2024 2:08	591	0
1702936	2/15/2024 16:17	2/16/2024 1:59	582	0
1346671	2/15/2024 16:18	2/16/2024 2:01	583	0
733373	2/15/2024 16:19	2/15/2024 16:35	16	0
1351539	2/15/2024 16:21	2/16/2024 1:58	577	0
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1349542	2/15/2024 16:24	2/16/2024 2:01	577	0
1346455	2/15/2024 16:26	2/16/2024 1:58	572	0
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449377	2/15/2024 16:34	2/15/2024 17:21	47	0
733373	2/15/2024 16:35	2/15/2024 16:51	16	0
1466638	2/15/2024 16:40	2/15/2024 19:33	173	0
810130	2/15/2024 16:41	2/15/2024 19:34	173	0
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1368745	2/15/2024 16:43	2/15/2024 19:36	173	0
8734349	2/15/2024 16:44	2/16/2024 1:59	555	0
1348773	2/15/2024 16:45	2/16/2024 2:02	557	0
1350975	2/15/2024 16:46	2/16/2024 1:58	552	0
1350597	2/15/2024 16:46	2/16/2024 2:02	556	0
1348780	2/15/2024 16:46	2/16/2024 1:58	552	0
1349605	2/15/2024 16:46	2/16/2024 1:58	552	0

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1363236	2/15/2024 16:49	2/15/2024 19:53	184	0
733373	2/15/2024 16:51	2/15/2024 20:51	240	0
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1348551	2/15/2024 17:11	2/16/2024 2:56	585	0
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1349083	2/15/2024 17:12	2/16/2024 2:54	582	0
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1348731	2/15/2024 17:17	2/15/2024 17:27	10	0
1351588	2/15/2024 17:18	2/16/2024 2:03	525	0
449377	2/15/2024 17:21	2/15/2024 18:24	63	0
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1378582	2/15/2024 18:09	2/15/2024 19:38	89	0
1378273	2/15/2024 18:12	2/15/2024 19:36	84	0
1535575	2/15/2024 18:21	2/15/2024 19:34	73	0
1535026	2/15/2024 18:21	2/15/2024 19:29	68	0
1535035	2/15/2024 18:24	2/15/2024 19:37	73	0
449377	2/15/2024 18:24	2/15/2024 19:22	58	0
1523524	2/15/2024 18:24	2/16/2024 9:00	875.32	0
330528	2/15/2024 18:52	2/16/2024 9:00	847.5	0
519373	2/15/2024 18:59	2/16/2024 9:00	840.5	0
1414392	2/15/2024 19:05	2/16/2024 9:00	834.65	0
1604432	2/15/2024 19:09	2/16/2024 9:00	830.32	0
1321114	2/15/2024 19:09	2/16/2024 9:00	830.65	0
1320619	2/15/2024 19:12	2/16/2024 9:00	827.65	0
613227	2/15/2024 19:13	2/16/2024 9:00	826.27	0
611289	2/15/2024 19:14	2/16/2024 9:00	825.27	0
1654064	2/15/2024 19:14	2/16/2024 9:00	825.1	0
330485	2/15/2024 19:15	2/16/2024 9:00	824.5	0
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1019446	2/15/2024 19:20	2/16/2024 9:00	819.1	0
8495802	2/15/2024 19:20	2/16/2024 9:00	819.32	0
955448	2/15/2024 19:21	2/16/2024 9:00	818.1	0
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1333801	2/15/2024 19:22	2/16/2024 9:00	817.65	0
1546695	2/15/2024 19:23	2/16/2024 9:00	816.32	0
1431804	2/15/2024 19:23	2/16/2024 9:00	816.32	0
552210	2/15/2024 19:24	2/16/2024 9:00	815.27	0
1523423	2/15/2024 19:24	2/16/2024 9:00	815.32	0
1272457	2/15/2024 19:25	2/16/2024 9:00	814.65	0
1321605	2/15/2024 19:25	2/16/2024 9:00	814.65	0

325050	2/15/2024 19:25	2/16/2024 9:00	814.5	0
1332906	2/15/2024 19:27	2/16/2024 9:00	812.65	0
1514004	2/15/2024 19:27	2/16/2024 9:00	812.32	0
956968	2/15/2024 19:27	2/16/2024 9:00	812.1	0
658177	2/15/2024 19:28	2/16/2024 9:00	811.28	0
1565203	2/15/2024 19:28	2/16/2024 9:00	811.32	0
1550815	2/15/2024 19:28	2/16/2024 9:00	811.32	0
1446401	2/15/2024 19:28	2/16/2024 9:00	811.32	0
1522282	2/15/2024 19:28	2/16/2024 8:40	792	0
1551510	2/15/2024 19:28	2/16/2024 9:00	811.32	0
1554677	2/15/2024 19:28	2/16/2024 9:00	811.32	0
1554218	2/15/2024 19:29	2/16/2024 9:00	810.32	0
1445317	2/15/2024 19:29	2/16/2024 8:09	760	0
10013697	2/15/2024 19:29	2/16/2024 9:00	810.32	0
1266649	2/15/2024 19:29	2/16/2024 9:00	810.65	0
1535026	2/15/2024 19:29	2/16/2024 9:00	810.32	0
1701172	2/15/2024 19:29	2/16/2024 9:00	810.65	0
793285	2/15/2024 19:30	2/16/2024 9:00	809.28	0
346288	2/15/2024 19:30	2/16/2024 9:00	809.5	0
1521429	2/15/2024 19:30	2/16/2024 8:21	771	0
8104722	2/15/2024 19:30	2/16/2024 9:00	809.5	0
8486022	2/15/2024 19:30	2/16/2024 9:00	809.32	0
1343091	2/15/2024 19:30	2/16/2024 8:06	756	0
1324907	2/15/2024 19:30	2/16/2024 9:00	809.65	0
1435945	2/15/2024 19:31	2/16/2024 9:00	808.32	0
1461375	2/15/2024 19:31	2/16/2024 9:00	808.32	0
317233	2/15/2024 19:31	2/16/2024 9:00	808.5	0
800590	2/15/2024 19:31	2/16/2024 9:00	808.28	0
315730	2/15/2024 19:32	2/16/2024 9:00	807.5	0
656343	2/15/2024 19:32	2/16/2024 9:00	807.28	0
1342974	2/15/2024 19:32	2/16/2024 9:00	807.65	0
1463218	2/15/2024 19:32	2/16/2024 9:00	807.32	0
1434550	2/15/2024 19:32	2/16/2024 9:00	807.32	0
1466415	2/15/2024 19:32	2/16/2024 9:00	807.32	0
1465882	2/15/2024 19:32	2/16/2024 9:00	807.32	0
1512907	2/15/2024 19:33	2/16/2024 9:00	806.32	0
1466638	2/15/2024 19:33	2/16/2024 8:22	769	0
1320008	2/15/2024 19:33	2/16/2024 9:00	806.65	0
1393633	2/15/2024 19:33	2/16/2024 9:00	806.65	0
1430553	2/15/2024 19:33	2/16/2024 9:00	806.32	0
1432940	2/15/2024 19:33	2/16/2024 8:10	757	0
1515964	2/15/2024 19:33	2/16/2024 9:00	806.32	0
1515733	2/15/2024 19:33	2/16/2024 9:00	806.32	0
1430294	2/15/2024 19:33	2/16/2024 9:00	806.32	0
1704779	2/15/2024 19:33	2/16/2024 9:00	806.65	0
1469850	2/15/2024 19:34	2/16/2024 8:57	803	0
1430838	2/15/2024 19:34	2/16/2024 9:00	805.32	0

315169	2/15/2024 19:34	2/16/2024 9:00	805.5	0
627018	2/15/2024 19:34	2/16/2024 9:00	805.27	0
1555376	2/15/2024 19:34	2/16/2024 9:00	805.32	0
324249	2/15/2024 19:34	2/16/2024 9:00	805.5	0
979888	2/15/2024 19:34	2/16/2024 9:00	805.1	0
1524135	2/15/2024 19:34	2/16/2024 8:24	770	0
29635	2/15/2024 19:34	2/16/2024 9:00	805.5	0
314899	2/15/2024 19:34	2/16/2024 9:00	805.5	0
1535575	2/15/2024 19:34	2/16/2024 9:00	805.32	0
810130	2/15/2024 19:34	2/16/2024 9:00	805.28	0
1469270	2/15/2024 19:34	2/16/2024 8:54	800	0
316997	2/15/2024 19:35	2/16/2024 9:00	804.5	0
658658	2/15/2024 19:35	2/16/2024 9:00	804.28	0
1430644	2/15/2024 19:35	2/16/2024 9:00	804.32	0
1555268	2/15/2024 19:35	2/16/2024 9:00	804.32	0
1433348	2/15/2024 19:35	2/16/2024 8:08	753	0
1273707	2/15/2024 19:35	2/16/2024 9:00	804.65	0
1361099	2/15/2024 19:35	2/16/2024 9:00	804.65	0
980398	2/15/2024 19:35	2/16/2024 9:00	804.1	0
323747	2/15/2024 19:35	2/16/2024 9:00	804.5	0
1368745	2/15/2024 19:36	2/16/2024 9:00	803.65	0
329546	2/15/2024 19:36	2/16/2024 9:00	803.5	0
1556486	2/15/2024 19:36	2/16/2024 9:00	803.32	0
1466357	2/15/2024 19:36	2/16/2024 9:00	803.32	0
1511264	2/15/2024 19:36	2/16/2024 9:00	803.32	0
1378273	2/15/2024 19:36	2/16/2024 9:00	803.65	0
989956	2/15/2024 19:36	2/16/2024 9:00	803.1	0
1463520	2/15/2024 19:36	2/16/2024 9:00	803.32	0
1467272	2/15/2024 19:36	2/16/2024 9:00	803.32	0
342796	2/15/2024 19:36	2/16/2024 9:00	803.5	0
982261	2/15/2024 19:36	2/16/2024 9:00	803.1	0
1432509	2/15/2024 19:36	2/16/2024 9:00	803.32	0
1524033	2/15/2024 19:36	2/16/2024 9:00	803.32	0
1508563	2/15/2024 19:36	2/16/2024 9:00	803.32	0
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10433250	2/15/2024 19:37	2/16/2024 9:00	802.65	0
252859	2/15/2024 19:37	2/16/2024 9:00	802.5	0
500173	2/15/2024 19:37	2/16/2024 9:00	802.27	0
1362128	2/15/2024 19:37	2/16/2024 9:00	802.65	0
1573666	2/15/2024 19:37	2/16/2024 9:00	802.32	0
1535035	2/15/2024 19:37	2/16/2024 9:00	802.32	0
1396057	2/15/2024 19:37	2/16/2024 9:00	802.65	0
1320646	2/15/2024 19:37	2/16/2024 9:00	802.65	0
646026	2/15/2024 19:37	2/16/2024 9:00	802.27	0
308959	2/15/2024 19:37	2/16/2024 9:00	802.5	0
10659831	2/15/2024 19:37	2/16/2024 9:00	802.32	0
790670	2/15/2024 19:37	2/16/2024 9:00	802.28	0

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1493766	2/15/2024 19:37	2/16/2024 9:00	802.65	0
1190246	2/15/2024 19:38	2/16/2024 9:00	801.65	0
380736	2/15/2024 19:38	2/16/2024 9:00	801.27	0
975066	2/15/2024 19:38	2/16/2024 9:00	801.1	0
1378582	2/15/2024 19:38	2/16/2024 9:00	801.65	0
1522511	2/15/2024 19:38	2/16/2024 8:40	782	0
274059	2/15/2024 19:38	2/16/2024 9:00	801.5	0
593798	2/15/2024 19:38	2/16/2024 8:31	773	0
1359800	2/15/2024 19:38	2/16/2024 9:00	801.65	0
195749	2/15/2024 19:39	2/16/2024 9:00	800.5	0
314188	2/15/2024 19:39	2/16/2024 9:00	800.5	0
563721	2/15/2024 19:39	2/16/2024 9:00	800.27	0
981933	2/15/2024 19:39	2/16/2024 9:00	800.1	0
321310	2/15/2024 19:39	2/16/2024 9:00	800.5	0
12377908	2/15/2024 19:39	2/16/2024 9:00	800.5	0
1511251	2/15/2024 19:39	2/16/2024 9:00	800.32	0
1556243	2/15/2024 19:39	2/16/2024 9:00	800.32	0
1641091	2/15/2024 19:39	2/16/2024 9:00	800.32	0
1309098	2/15/2024 19:40	2/16/2024 9:00	799.65	0
197883	2/15/2024 19:40	2/16/2024 9:00	799.5	0
26864	2/15/2024 19:40	2/16/2024 9:00	799.5	0
1393699	2/15/2024 19:40	2/16/2024 9:00	799.65	0
34832	2/15/2024 19:40	2/16/2024 9:00	799.5	0
198082	2/15/2024 19:40	2/16/2024 9:00	799.5	0
317084	2/15/2024 19:40	2/16/2024 9:00	799.5	0
623871	2/15/2024 19:40	2/16/2024 9:00	799.27	0
553755	2/15/2024 19:40	2/16/2024 9:00	799.27	0
1431996	2/15/2024 19:40	2/16/2024 9:00	799.32	0
945898	2/15/2024 19:40	2/16/2024 9:00	799.28	0
324045	2/15/2024 19:40	2/16/2024 9:00	799.5	0
1385431	2/15/2024 19:40	2/16/2024 9:00	799.65	0
317126	2/15/2024 19:40	2/16/2024 9:00	799.5	0
510974	2/15/2024 19:40	2/16/2024 9:00	799.27	0
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196965	2/15/2024 19:41	2/16/2024 9:00	798.5	0
664453	2/15/2024 19:41	2/16/2024 9:00	798.28	0
626477	2/15/2024 19:41	2/16/2024 9:00	798.27	0
25066	2/15/2024 19:41	2/16/2024 9:00	798.5	0
971524	2/15/2024 19:41	2/16/2024 9:00	798.27	0
1551513	2/15/2024 19:41	2/16/2024 9:00	798.32	0
1464949	2/15/2024 19:41	2/16/2024 9:00	798.32	0
456084	2/15/2024 19:41	2/16/2024 9:00	798.27	0
195839	2/15/2024 19:41	2/16/2024 9:00	798.5	0
656498	2/15/2024 19:41	2/16/2024 9:00	798.28	0
852125	2/15/2024 19:41	2/16/2024 9:00	798.28	0
1339756	2/15/2024 19:41	2/16/2024 9:00	798.65	0

68308	2/15/2024 19:42	2/16/2024 9:00	797.5	0
510307	2/15/2024 19:42	2/16/2024 9:00	797.27	0
1307027	2/15/2024 19:42	2/16/2024 9:00	797.65	0
1415828	2/15/2024 19:42	2/16/2024 9:00	797.65	0
800588	2/15/2024 19:42	2/16/2024 9:00	797.28	0
1556434	2/15/2024 19:42	2/16/2024 9:00	797.32	0
553863	2/15/2024 19:42	2/16/2024 9:00	797.27	0
317797	2/15/2024 19:42	2/16/2024 9:00	797.5	0
1456419	2/15/2024 19:42	2/16/2024 9:00	797.32	0
800576	2/15/2024 19:42	2/16/2024 9:00	797.28	0
1512146	2/15/2024 19:42	2/16/2024 8:21	759	0
196408	2/15/2024 19:42	2/16/2024 9:00	797.5	0
6280623	2/15/2024 19:42	2/16/2024 9:00	797.5	0
1453263	2/15/2024 19:42	2/16/2024 9:00	797.32	0
281235	2/15/2024 19:42	2/16/2024 9:00	797.5	0
10371646	2/15/2024 19:42	2/16/2024 9:00	797.65	0
456048	2/15/2024 19:43	2/16/2024 9:00	796.27	0
7937779	2/15/2024 19:43	2/16/2024 9:00	796.65	0
801004	2/15/2024 19:43	2/16/2024 9:00	796.28	0
449036	2/15/2024 19:43	2/16/2024 9:00	796.27	0
6714863	2/15/2024 19:43	2/16/2024 9:00	796.28	0
523489	2/15/2024 19:43	2/16/2024 9:00	796.5	0
1552154	2/15/2024 19:43	2/16/2024 9:00	796.32	0
23566	2/15/2024 19:43	2/16/2024 9:00	796.5	0
34905	2/15/2024 19:43	2/16/2024 9:00	796.5	0
35442	2/15/2024 19:43	2/16/2024 9:00	796.5	0
8734029	2/15/2024 19:43	2/16/2024 9:00	796.32	0
320966	2/15/2024 19:43	2/16/2024 9:00	796.5	0
449377	2/15/2024 19:43	2/15/2024 21:23	100	0
309944	2/15/2024 19:43	2/16/2024 9:00	796.5	0
605186	2/15/2024 19:43	2/16/2024 9:00	796.27	0
34887	2/15/2024 19:43	2/16/2024 9:00	796.5	0
660265	2/15/2024 19:44	2/16/2024 9:00	795.28	0
593397	2/15/2024 19:44	2/16/2024 8:29	765	0
8524544	2/15/2024 19:44	2/16/2024 9:00	795.5	0
1704232	2/15/2024 19:44	2/16/2024 9:00	795.65	0
197690	2/15/2024 19:44	2/16/2024 9:00	795.5	0
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8148103	2/15/2024 19:44	2/16/2024 9:00	795.5	0
1310926	2/15/2024 19:44	2/16/2024 9:00	795.65	0
852071	2/15/2024 19:44	2/16/2024 9:00	795.28	0
25674	2/15/2024 19:44	2/16/2024 9:00	795.5	0
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623612	2/15/2024 19:45	2/16/2024 9:00	794.27	0
1093833	2/15/2024 19:45	2/16/2024 9:00	794.27	0
189581	2/15/2024 19:45	2/16/2024 9:00	794.5	0
69207	2/15/2024 19:45	2/16/2024 9:00	794.5	0

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47769	2/15/2024 19:45	2/16/2024 9:00	794.5	0
6828301	2/15/2024 19:45	2/16/2024 9:00	794.5	0
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623069	2/15/2024 19:45	2/16/2024 9:00	794.27	0
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800600	2/15/2024 19:45	2/16/2024 9:00	794.28	0
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280364	2/15/2024 19:46	2/16/2024 9:00	793.5	0
506261	2/15/2024 19:46	2/16/2024 9:00	793.27	0
1326407	2/15/2024 19:46	2/16/2024 8:16	750	0
645339	2/15/2024 19:46	2/16/2024 9:00	793.27	0
574596	2/15/2024 19:46	2/16/2024 9:00	793.27	0
70866	2/15/2024 19:46	2/16/2024 9:00	793.5	0
507365	2/15/2024 19:46	2/16/2024 9:00	793.27	0
1523269	2/15/2024 19:46	2/16/2024 9:00	793.32	0
345647	2/15/2024 19:47	2/16/2024 9:00	792.5	0
6995795	2/15/2024 19:47	2/16/2024 9:00	792.27	0
1509487	2/15/2024 19:47	2/16/2024 9:00	792.32	0
1522642	2/15/2024 19:47	2/16/2024 8:40	773	0
1494722	2/15/2024 19:47	2/16/2024 9:00	792.65	0
21306	2/15/2024 19:48	2/16/2024 9:00	791.5	0
11081884	2/15/2024 19:48	2/16/2024 9:00	791.5	0
353651	2/15/2024 19:48	2/16/2024 9:00	791.5	0
624716	2/15/2024 19:48	2/16/2024 9:00	791.27	0
21820	2/15/2024 19:48	2/16/2024 9:00	791.5	0
308802	2/15/2024 19:48	2/16/2024 9:00	791.5	0
1493132	2/15/2024 19:49	2/16/2024 8:36	767	0
381338	2/15/2024 19:49	2/16/2024 9:00	790.27	0
564518	2/15/2024 19:49	2/16/2024 9:00	790.27	0
511266	2/15/2024 19:49	2/16/2024 9:00	790.27	0
1375642	2/15/2024 19:49	2/16/2024 9:00	790.65	0
49209	2/15/2024 19:49	2/16/2024 9:00	790.5	0
9063373	2/15/2024 19:50	2/16/2024 9:00	789.65	0
313269	2/15/2024 19:50	2/16/2024 9:00	789.5	0
1363754	2/15/2024 19:50	2/16/2024 9:00	789.65	0
274125	2/15/2024 19:50	2/16/2024 9:00	789.5	0
445867	2/15/2024 19:50	2/16/2024 9:00	789.27	0
10393495	2/15/2024 19:51	2/16/2024 9:00	788.5	0
1683861	2/15/2024 19:51	2/16/2024 9:00	788.5	0
68620	2/15/2024 19:51	2/16/2024 9:00	788.5	0
509102	2/15/2024 19:52	2/16/2024 9:00	787.27	0
446329	2/15/2024 19:52	2/16/2024 9:00	787.27	0
197356	2/15/2024 19:52	2/16/2024 9:00	787.5	0
1416360	2/15/2024 19:52	2/16/2024 9:00	787.65	0

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1363236	2/15/2024 19:53	2/16/2024 9:00	786.65	0
627289	2/15/2024 19:54	2/16/2024 9:00	785.27	0
378229	2/15/2024 19:54	2/16/2024 9:00	785.27	0
380057	2/15/2024 19:54	2/16/2024 9:00	785.27	0
1359694	2/15/2024 19:56	2/16/2024 9:00	783.65	0
561672	2/15/2024 19:57	2/16/2024 9:00	782.27	0
8068454	2/15/2024 19:58	2/16/2024 9:00	781.27	0
1320845	2/15/2024 20:04	2/16/2024 9:00	775.65	0
353728	2/15/2024 20:16	2/16/2024 9:00	763.5	0
6583289	2/15/2024 20:38	2/16/2024 9:00	741.5	0
1394324	2/15/2024 20:47	2/16/2024 9:00	732.65	0
733373	2/15/2024 20:51	2/16/2024 9:00	728.28	0
1511816	2/15/2024 20:52	2/16/2024 9:00	727.32	0
449377	2/15/2024 21:23	2/15/2024 22:10	47	0
449377	2/15/2024 22:10	2/15/2024 22:26	16	0
381982	2/15/2024 22:25	2/16/2024 9:00	634.27	0
449377	2/15/2024 22:26	2/15/2024 22:42	16	0
449377	2/15/2024 22:42	2/16/2024 0:57	135	0
188639	2/16/2024 0:08	2/16/2024 9:00	531.5	0
1405290	2/16/2024 0:51	2/16/2024 9:00	488.65	0
449377	2/16/2024 0:57	2/16/2024 2:16	79	0
1347943	2/16/2024 0:58	2/16/2024 9:00	481.65	0
1347888	2/16/2024 0:58	2/16/2024 9:00	481.65	0
1340000	2/16/2024 1:39	2/16/2024 9:00	440.65	0
1522810	2/16/2024 1:46	2/16/2024 8:22	396	0
1349032	2/16/2024 1:57	2/16/2024 9:00	422.65	0
1351539	2/16/2024 1:58	2/16/2024 9:00	421.65	0
1349605	2/16/2024 1:58	2/16/2024 9:00	421.65	0
1348780	2/16/2024 1:58	2/16/2024 9:00	421.65	0
1346455	2/16/2024 1:58	2/16/2024 9:00	421.65	0
1350975	2/16/2024 1:58	2/16/2024 9:00	421.65	0
1346665	2/16/2024 1:58	2/16/2024 9:00	421.65	0
1702936	2/16/2024 1:59	2/16/2024 9:00	420.65	0
1349244	2/16/2024 1:59	2/16/2024 9:00	420.65	0
1349338	2/16/2024 1:59	2/16/2024 9:00	420.65	0
1346410	2/16/2024 1:59	2/16/2024 9:00	420.65	0
8734349	2/16/2024 1:59	2/16/2024 9:00	420.65	0
1348044	2/16/2024 2:00	2/16/2024 9:00	419.65	0
1349542	2/16/2024 2:01	2/16/2024 9:00	418.65	0
1346671	2/16/2024 2:01	2/16/2024 9:00	418.65	0
1349177	2/16/2024 2:01	2/16/2024 9:00	418.65	0
1350597	2/16/2024 2:02	2/16/2024 9:00	417.65	0
1347949	2/16/2024 2:02	2/16/2024 9:00	417.65	0
1348773	2/16/2024 2:02	2/16/2024 9:00	417.65	0
1351588	2/16/2024 2:03	2/16/2024 9:00	416.65	0
1349502	2/16/2024 2:03	2/16/2024 9:00	416.65	0

1348444	2/16/2024 2:04	2/16/2024 9:00	415.65	0
1350499	2/16/2024 2:08	2/16/2024 9:00	411.65	0
449377	2/16/2024 2:16	2/16/2024 5:02	166	0
1347024	2/16/2024 2:40	2/16/2024 9:00	379.65	0
1348976	2/16/2024 2:54	2/16/2024 9:00	365.65	0
1349083	2/16/2024 2:54	2/16/2024 9:00	365.65	0
1348551	2/16/2024 2:56	2/16/2024 9:00	363.65	0
449377	2/16/2024 5:02	2/16/2024 5:44	42	0
449377	2/16/2024 5:44	2/16/2024 6:10	26	0
449377	2/16/2024 6:10	2/16/2024 6:47	37	0
449377	2/16/2024 6:47	2/16/2024 7:03	16	0
449377	2/16/2024 7:03	2/16/2024 7:50	47	0
449377	2/16/2024 7:50	2/16/2024 9:00	69.27	0
1343091	2/16/2024 8:06	2/16/2024 9:00	53.65	0
1433348	2/16/2024 8:08	2/16/2024 9:00	51.32	0
1445317	2/16/2024 8:09	2/16/2024 9:00	50.32	0
1432940	2/16/2024 8:10	2/16/2024 9:00	49.32	0
664832	2/16/2024 8:12	2/16/2024 9:00	47.28	0
1326407	2/16/2024 8:16	2/16/2024 9:00	43.65	0
1521429	2/16/2024 8:21	2/16/2024 9:00	38.32	0
1512146	2/16/2024 8:21	2/16/2024 9:00	38.32	0
1466638	2/16/2024 8:22	2/16/2024 9:00	37.32	0
1522810	2/16/2024 8:22	2/16/2024 9:00	37.32	0
1524135	2/16/2024 8:24	2/16/2024 9:00	35.32	0
593397	2/16/2024 8:29	2/16/2024 8:44	15	0
593798	2/16/2024 8:31	2/16/2024 8:47	16	0
1493132	2/16/2024 8:36	2/16/2024 9:00	23.65	0
1522642	2/16/2024 8:40	2/16/2024 9:00	19.32	0
1522511	2/16/2024 8:40	2/16/2024 9:00	19.32	0
1522282	2/16/2024 8:40	2/16/2024 9:00	19.32	0
8511623	2/16/2024 8:40	2/16/2024 9:00	19.5	0
593397	2/16/2024 8:44	2/16/2024 9:00	15.27	0
593798	2/16/2024 8:47	2/16/2024 9:00	12.27	0
385332	2/16/2024 8:48	2/16/2024 9:00	11.27	0
1469270	2/16/2024 8:54	2/16/2024 9:00	5.32	0
1469850	2/16/2024 8:57	2/16/2024 9:00	2.32	0
1466638	2/16/2024 9:00	2/16/2024 10:49	109	0
664030	2/16/2024 9:00	2/16/2024 14:40	340	0
1333801	2/16/2024 9:00	2/16/2024 10:10	70	0
511266	2/16/2024 9:00	2/16/2024 19:46	646	0
1513541	2/16/2024 9:00	2/17/2024 9:00	1439.32	0
353728	2/16/2024 9:00	2/16/2024 10:02	62	0
1288420	2/16/2024 9:00	2/16/2024 11:43	163	0
10222019	2/16/2024 9:00	2/16/2024 10:00	60	0
1342974	2/16/2024 9:00	2/16/2024 19:36	636	0
1463520	2/16/2024 9:00	2/16/2024 16:11	431	0
1516579	2/16/2024 9:00	2/16/2024 10:56	116	0

1352388	2/16/2024 9:00	2/17/2024 9:00	1439.65	0
1366197	2/16/2024 9:00	2/17/2024 9:00	1439.65	0
1348731	2/16/2024 9:00	2/17/2024 9:00	1439.65	0
1433348	2/16/2024 9:00	2/16/2024 19:46	646	0
980398	2/16/2024 9:00	2/16/2024 10:04	64	0
8950281	2/16/2024 9:00	2/16/2024 14:17	317	0
8910809	2/16/2024 9:00	2/16/2024 15:02	362	0
51957	2/16/2024 9:00	2/16/2024 11:04	124	0.48
1453263	2/16/2024 9:00	2/16/2024 10:51	111	0
1554218	2/16/2024 9:00	2/16/2024 19:43	643	0
456084	2/16/2024 9:01	2/17/2024 9:00	1438.27	0
121726	2/16/2024 9:06	2/16/2024 11:38	152	0
723800	2/16/2024 9:06	2/16/2024 11:33	147	0
562202	2/16/2024 9:06	2/17/2024 9:00	1433.27	0
327311	2/16/2024 9:06	2/16/2024 11:07	121	0
1469850	2/16/2024 9:07	2/16/2024 19:11	604	0
8724096	2/16/2024 9:07	2/17/2024 9:00	1432.65	0
7937779	2/16/2024 9:07	2/16/2024 10:10	63	0
574993	2/16/2024 9:07	2/16/2024 10:05	58	0
1394324	2/16/2024 9:07	2/16/2024 12:04	177	0
1432940	2/16/2024 9:07	2/16/2024 19:43	636	0
1413046	2/16/2024 9:08	2/16/2024 14:23	315	0
24124	2/16/2024 9:08	2/16/2024 19:50	642	0
1493132	2/16/2024 9:08	2/16/2024 19:48	640	5.71
554089	2/16/2024 9:08	2/17/2024 9:00	1431.27	0
1522810	2/16/2024 9:09	2/16/2024 14:09	300	0
29635	2/16/2024 9:09	2/16/2024 10:07	58	0
1445317	2/16/2024 9:09	2/16/2024 19:43	634	0
1469270	2/16/2024 9:09	2/16/2024 19:13	604	0
316630	2/16/2024 9:10	2/16/2024 19:50	640	1.88
188639	2/16/2024 9:10	2/16/2024 12:34	204	1.44
1522282	2/16/2024 9:11	2/16/2024 14:10	299	1.29
1522642	2/16/2024 9:11	2/16/2024 14:11	300	0
1522511	2/16/2024 9:11	2/16/2024 14:08	297	0
25674	2/16/2024 9:11	2/16/2024 16:16	425	0
34905	2/16/2024 9:11	2/16/2024 19:46	635	0
315616	2/16/2024 9:12	2/16/2024 19:47	635	1.09
8511623	2/16/2024 9:12	2/16/2024 19:42	630	0
1272457	2/16/2024 9:13	2/16/2024 11:45	152	0
10433250	2/16/2024 9:20	2/16/2024 10:08	48	0.02
28509	2/16/2024 9:23	2/16/2024 10:10	47	0
30471	2/16/2024 9:23	2/16/2024 10:10	47	0
189581	2/16/2024 9:25	2/16/2024 19:47	622	0
1321605	2/16/2024 9:26	2/16/2024 11:53	147	0
1393699	2/16/2024 9:28	2/16/2024 19:42	614	1.52
385332	2/16/2024 9:30	2/16/2024 19:33	603	0
1430644	2/16/2024 9:34	2/16/2024 19:43	609	0.16

51483	2/16/2024 9:34	2/16/2024 14:17	283	0.52
1494722	2/16/2024 9:34	2/16/2024 19:48	614	0
1551513	2/16/2024 9:35	2/16/2024 11:35	120	0
1326407	2/16/2024 9:35	2/16/2024 19:44	609	0
10013697	2/16/2024 9:36	2/16/2024 11:37	121	0
317797	2/16/2024 9:37	2/16/2024 19:41	604	0
8104722	2/16/2024 9:38	2/16/2024 19:42	604	0
317084	2/16/2024 9:38	2/16/2024 19:47	609	0
317233	2/16/2024 9:38	2/16/2024 19:42	604	0.17
1551510	2/16/2024 9:39	2/16/2024 11:39	120	0
1466357	2/16/2024 9:39	2/16/2024 19:42	603	0
6280623	2/16/2024 9:39	2/16/2024 19:43	604	0.08
523489	2/16/2024 9:40	2/16/2024 19:44	604	0.99
314899	2/16/2024 9:40	2/16/2024 19:43	603	0.17
320966	2/16/2024 9:44	2/16/2024 11:45	121	0
1359694	2/16/2024 9:45	2/16/2024 11:47	122	0.77
1430838	2/16/2024 9:46	2/16/2024 19:50	604	0
315169	2/16/2024 9:47	2/16/2024 10:03	16	0
1430553	2/16/2024 9:47	2/16/2024 19:46	599	0.39
281235	2/16/2024 9:47	2/16/2024 11:38	111	0
945898	2/16/2024 9:48	2/16/2024 19:29	581	0
1604432	2/16/2024 9:48	2/16/2024 19:41	593	3.25
314188	2/16/2024 9:49	2/16/2024 10:05	16	0
1359800	2/16/2024 9:49	2/16/2024 11:44	115	0
510974	2/16/2024 9:50	2/16/2024 19:38	588	0
315730	2/16/2024 9:51	2/16/2024 10:02	11	0.01
574596	2/16/2024 9:51	2/16/2024 11:36	105	0
1320008	2/16/2024 9:51	2/16/2024 11:58	127	0
852125	2/16/2024 9:51	2/16/2024 14:19	268	0
1701172	2/16/2024 9:52	2/16/2024 11:53	121	0
2032900	2/16/2024 9:56	2/16/2024 10:38	42	0
664453	2/16/2024 9:56	2/16/2024 19:44	588	0
1319739	2/16/2024 9:56	2/17/2024 9:00	1383.65	0
1415828	2/16/2024 9:57	2/16/2024 12:42	165	0
1414392	2/16/2024 9:58	2/16/2024 12:32	154	0
1416360	2/16/2024 9:59	2/16/2024 12:05	126	0
353082	2/16/2024 10:00	2/16/2024 14:18	258	0
10222019	2/16/2024 10:00	2/16/2024 10:05	5	0
353651	2/16/2024 10:00	2/16/2024 14:15	255	0
1343091	2/16/2024 10:01	2/16/2024 19:35	574	0
1430294	2/16/2024 10:01	2/16/2024 19:43	582	0
1310926	2/16/2024 10:01	2/16/2024 19:46	585	1.03
47769	2/16/2024 10:02	2/16/2024 19:45	583	0
353728	2/16/2024 10:02	2/17/2024 9:00	1377.5	0
49209	2/16/2024 10:02	2/16/2024 19:50	588	0
315730	2/16/2024 10:02	2/16/2024 19:44	582	2.34
315169	2/16/2024 10:03	2/16/2024 19:40	577	0

980398	2/16/2024 10:04	2/16/2024 11:33	89	0
1309098	2/16/2024 10:05	2/16/2024 19:42	577	1.91
314188	2/16/2024 10:05	2/16/2024 19:42	577	0
574993	2/16/2024 10:05	2/16/2024 10:10	5	0
10222019	2/16/2024 10:05	2/16/2024 10:16	11	0
601397	2/16/2024 10:05	2/16/2024 11:34	89	0
605186	2/16/2024 10:06	2/16/2024 11:35	89	0
316997	2/16/2024 10:07	2/16/2024 19:45	578	0
29635	2/16/2024 10:07	2/16/2024 10:23	16	0
26864	2/16/2024 10:07	2/16/2024 10:29	22	0
1446401	2/16/2024 10:08	2/16/2024 19:38	570	0
27443	2/16/2024 10:08	2/16/2024 10:24	16	0.01
35442	2/16/2024 10:08	2/16/2024 10:28	20	0
29848	2/16/2024 10:08	2/16/2024 10:23	15	0.02
10433250	2/16/2024 10:08	2/16/2024 19:40	572	2.98
1515733	2/16/2024 10:09	2/16/2024 11:38	89	1.06
1333801	2/16/2024 10:10	2/16/2024 19:36	566	0
28509	2/16/2024 10:10	2/16/2024 10:26	16	0
30471	2/16/2024 10:10	2/16/2024 10:26	16	0
7937779	2/16/2024 10:10	2/16/2024 19:39	569	0
574993	2/16/2024 10:10	2/16/2024 10:21	11	0
34613	2/16/2024 10:11	2/16/2024 21:20	669	0.38
1524033	2/16/2024 10:11	2/16/2024 11:40	89	1.19
8148103	2/16/2024 10:11	2/16/2024 19:43	572	0
34832	2/16/2024 10:11	2/16/2024 10:27	16	0
34887	2/16/2024 10:11	2/16/2024 10:27	16	0
8486022	2/16/2024 10:12	2/16/2024 19:45	573	0
29748	2/16/2024 10:12	2/16/2024 10:23	11	0
26921	2/16/2024 10:12	2/16/2024 10:22	10	0
27483	2/16/2024 10:13	2/16/2024 10:23	10	0
957615	2/16/2024 10:14	2/16/2024 10:45	31	0
10222019	2/16/2024 10:16	2/16/2024 10:21	5	0
449036	2/16/2024 10:16	2/16/2024 11:35	79	0.29
449377	2/16/2024 10:17	2/16/2024 10:38	21	0
956968	2/16/2024 10:17	2/16/2024 19:44	567	0
4173986	2/16/2024 10:18	2/16/2024 10:34	16	0
1324907	2/16/2024 10:18	2/16/2024 19:34	556	0
626477	2/16/2024 10:19	2/16/2024 10:50	31	0
281056	2/16/2024 10:19	2/16/2024 10:34	15	0
70866	2/16/2024 10:19	2/16/2024 10:50	31	0
971524	2/16/2024 10:20	2/16/2024 10:37	17	0
627018	2/16/2024 10:20	2/16/2024 10:35	15	0
274059	2/16/2024 10:20	2/16/2024 11:39	79	0
280173	2/16/2024 10:20	2/16/2024 10:36	16	0
860281	2/16/2024 10:21	2/16/2024 16:23	362	0
506261	2/16/2024 10:21	2/16/2024 19:43	562	0.13
574993	2/16/2024 10:21	2/16/2024 10:26	5	0

274125	2/16/2024 10:21	2/16/2024 11:37	76	0
801004	2/16/2024 10:21	2/16/2024 11:40	79	0
1664433	2/16/2024 10:21	2/16/2024 10:37	16	0
10222019	2/16/2024 10:21	2/16/2024 11:03	42	0
510307	2/16/2024 10:21	2/16/2024 19:38	557	0.52
627289	2/16/2024 10:21	2/16/2024 10:37	16	0
800590	2/16/2024 10:22	2/16/2024 11:36	74	0
800588	2/16/2024 10:22	2/16/2024 11:36	74	0
26921	2/16/2024 10:22	2/16/2024 19:44	562	1.88
507365	2/16/2024 10:22	2/16/2024 19:44	562	0
276488	2/16/2024 10:22	2/16/2024 10:38	16	0
1511251	2/16/2024 10:22	2/16/2024 14:08	226	0
1190246	2/16/2024 10:23	2/16/2024 11:42	79	0
27483	2/16/2024 10:23	2/16/2024 10:55	32	0.09
1511264	2/16/2024 10:23	2/16/2024 14:09	226	0.52
29848	2/16/2024 10:23	2/16/2024 10:55	32	0.16
859747	2/16/2024 10:23	2/16/2024 16:20	357	0
624716	2/16/2024 10:23	2/16/2024 10:50	27	0
29748	2/16/2024 10:23	2/16/2024 19:44	561	0
29635	2/16/2024 10:23	2/16/2024 10:58	35	0
25066	2/16/2024 10:24	2/16/2024 10:39	15	0
800576	2/16/2024 10:24	2/16/2024 19:41	557	0
27443	2/16/2024 10:24	2/16/2024 19:51	567	0.24
1523423	2/16/2024 10:24	2/16/2024 14:10	226	0
23566	2/16/2024 10:25	2/16/2024 10:40	15	0
1393633	2/16/2024 10:25	2/16/2024 19:42	557	0
28509	2/16/2024 10:26	2/16/2024 19:43	557	0
574993	2/16/2024 10:26	2/16/2024 10:37	11	0
1523269	2/16/2024 10:26	2/16/2024 14:07	221	1.16
30471	2/16/2024 10:26	2/16/2024 19:48	562	0.43
800600	2/16/2024 10:26	2/16/2024 11:39	73	0
34832	2/16/2024 10:27	2/16/2024 10:37	10	0
23462	2/16/2024 10:27	2/16/2024 10:37	10	0
34887	2/16/2024 10:27	2/16/2024 10:37	10	0
35442	2/16/2024 10:28	2/16/2024 10:38	10	0
26864	2/16/2024 10:29	2/16/2024 10:54	25	0
416557	2/16/2024 10:31	2/16/2024 11:59	88	0
69207	2/16/2024 10:31	2/16/2024 11:18	47	0
277818	2/16/2024 10:33	2/16/2024 11:36	63	0
281056	2/16/2024 10:34	2/16/2024 11:38	64	0
4173986	2/16/2024 10:34	2/16/2024 11:37	63	0
277301	2/16/2024 10:34	2/16/2024 11:36	62	0
1672784	2/16/2024 10:34	2/17/2024 9:00	1345.27	0.1
68620	2/16/2024 10:35	2/16/2024 11:17	42	0
627018	2/16/2024 10:35	2/16/2024 11:38	63	0
280173	2/16/2024 10:36	2/16/2024 19:43	547	0.78
197690	2/16/2024 10:36	2/16/2024 19:42	546	0

574993	2/16/2024 10:37	2/16/2024 10:42	5	0
34887	2/16/2024 10:37	2/16/2024 19:49	552	0
1664433	2/16/2024 10:37	2/16/2024 12:54	137	0
23462	2/16/2024 10:37	2/16/2024 10:54	17	0
971524	2/16/2024 10:37	2/16/2024 11:34	57	0
34832	2/16/2024 10:37	2/16/2024 20:15	578	0
197883	2/16/2024 10:37	2/16/2024 19:43	546	0
627289	2/16/2024 10:37	2/16/2024 11:35	58	0
276488	2/16/2024 10:38	2/16/2024 11:35	57	0
35442	2/16/2024 10:38	2/16/2024 19:50	552	0
660265	2/16/2024 10:38	2/16/2024 19:48	550	0
658658	2/16/2024 10:38	2/16/2024 19:41	543	0.03
449377	2/16/2024 10:38	2/16/2024 11:04	26	0
2032900	2/16/2024 10:38	2/16/2024 10:54	16	0
196408	2/16/2024 10:38	2/16/2024 19:39	541	0
656498	2/16/2024 10:39	2/16/2024 19:42	543	0
645339	2/16/2024 10:39	2/16/2024 11:05	26	0
10659831	2/16/2024 10:39	2/16/2024 19:45	546	0
25066	2/16/2024 10:39	2/16/2024 10:55	16	0
646026	2/16/2024 10:39	2/16/2024 14:25	226	0
23566	2/16/2024 10:40	2/16/2024 10:57	17	0
656343	2/16/2024 10:42	2/16/2024 19:37	535	0
574993	2/16/2024 10:42	2/16/2024 10:52	10	0
1565203	2/16/2024 10:43	2/16/2024 11:46	63	0
982898	2/16/2024 10:44	2/16/2024 11:16	32	0
956579	2/16/2024 10:44	2/16/2024 11:31	47	0
980132	2/16/2024 10:44	2/16/2024 12:18	94	0
952445	2/16/2024 10:44	2/16/2024 11:31	47	0
957615	2/16/2024 10:45	2/16/2024 11:33	48	0
954332	2/16/2024 10:46	2/16/2024 19:23	517	0
954637	2/16/2024 10:47	2/16/2024 19:39	532	0
979888	2/16/2024 10:47	2/16/2024 11:29	42	0
956559	2/16/2024 10:47	2/16/2024 11:29	42	0
67738	2/16/2024 10:47	2/16/2024 12:04	77	0
953854	2/16/2024 10:48	2/16/2024 11:35	47	0
561672	2/16/2024 10:48	2/16/2024 14:18	210	0
982261	2/16/2024 10:48	2/16/2024 11:30	42	0
564518	2/16/2024 10:48	2/16/2024 11:35	47	0
195839	2/16/2024 10:49	2/16/2024 18:55	486	0
1466638	2/16/2024 10:49	2/16/2024 17:07	378	0
324045	2/16/2024 10:50	2/16/2024 19:44	534	0.04
325050	2/16/2024 10:50	2/16/2024 19:39	529	0
70866	2/16/2024 10:50	2/16/2024 19:44	534	0
1375642	2/16/2024 10:50	2/16/2024 19:51	541	0
624716	2/16/2024 10:50	2/16/2024 11:05	15	0
553863	2/16/2024 10:50	2/16/2024 11:32	42	0
1556243	2/16/2024 10:50	2/16/2024 19:50	540	0

626477	2/16/2024 10:50	2/16/2024 11:06	16	0
1453263	2/16/2024 10:51	2/16/2024 11:07	16	0
1093833	2/16/2024 10:52	2/16/2024 11:33	41	0
574993	2/16/2024 10:52	2/16/2024 10:58	6	0
1417138	2/16/2024 10:53	2/16/2024 19:47	534	0
500173	2/16/2024 10:53	2/16/2024 19:38	525	4.87
1654064	2/16/2024 10:53	2/16/2024 19:28	515	0
21820	2/16/2024 10:54	2/16/2024 19:47	533	0.42
26864	2/16/2024 10:54	2/16/2024 19:45	531	0
2032900	2/16/2024 10:54	2/16/2024 11:57	63	0
793285	2/16/2024 10:54	2/16/2024 19:38	524	0
23462	2/16/2024 10:54	2/16/2024 19:43	529	0
25066	2/16/2024 10:55	2/16/2024 14:57	242	0
790670	2/16/2024 10:55	2/16/2024 19:40	525	0
6714863	2/16/2024 10:55	2/16/2024 19:51	536	0.3
27483	2/16/2024 10:55	2/16/2024 19:45	530	1.55
24369	2/16/2024 10:55	2/17/2024 9:00	1324.5	0
29848	2/16/2024 10:55	2/16/2024 19:40	525	1.62
1332906	2/16/2024 10:55	2/16/2024 19:32	517	0
23464	2/16/2024 10:55	2/16/2024 19:41	526	0
1379121	2/16/2024 10:56	2/16/2024 19:46	530	0
21306	2/16/2024 10:56	2/16/2024 19:46	530	0
336103	2/16/2024 10:56	2/16/2024 19:47	531	0
1516579	2/16/2024 10:56	2/16/2024 11:01	5	0
346462	2/16/2024 10:56	2/16/2024 19:52	536	0
23516	2/16/2024 10:56	2/16/2024 19:46	530	0.14
24993	2/16/2024 10:57	2/16/2024 19:42	525	0
23566	2/16/2024 10:57	2/16/2024 14:58	241	0
28110	2/16/2024 10:58	2/17/2024 9:00	1321.5	0
574993	2/16/2024 10:58	2/16/2024 11:08	10	0
957216	2/16/2024 10:58	2/16/2024 19:43	525	0
29635	2/16/2024 10:58	2/16/2024 19:43	525	0
955448	2/16/2024 10:59	2/16/2024 19:39	520	0
30370	2/16/2024 10:59	2/17/2024 9:00	1320.5	0
1020565	2/16/2024 10:59	2/16/2024 11:52	53	0
956125	2/16/2024 10:59	2/16/2024 19:44	525	0
345752	2/16/2024 10:59	2/16/2024 11:04	5	0
1395587	2/16/2024 11:00	2/16/2024 17:50	410	0
308959	2/16/2024 11:01	2/16/2024 19:43	522	1.66
259674	2/16/2024 11:01	2/16/2024 19:41	520	0
1516579	2/16/2024 11:01	2/16/2024 11:07	6	0
1432827	2/16/2024 11:02	2/16/2024 14:22	200	0.88
563721	2/16/2024 11:02	2/16/2024 14:19	197	0
623871	2/16/2024 11:03	2/16/2024 11:35	32	0
10222019	2/16/2024 11:03	2/16/2024 11:08	5	0
449377	2/16/2024 11:04	2/16/2024 12:13	69	0
51957	2/16/2024 11:04	2/16/2024 11:20	16	0.31

197356	2/16/2024 11:04	2/16/2024 19:49	525	0
345752	2/16/2024 11:04	2/16/2024 11:09	5	0
1431804	2/16/2024 11:05	2/16/2024 14:18	193	0
624716	2/16/2024 11:05	2/16/2024 11:21	16	0
645339	2/16/2024 11:05	2/16/2024 14:25	200	0
1019446	2/16/2024 11:05	2/16/2024 11:53	48	0
626477	2/16/2024 11:06	2/16/2024 11:21	15	0
196965	2/16/2024 11:06	2/16/2024 19:45	519	1.02
1405153	2/16/2024 11:06	2/16/2024 19:39	513	0
8068454	2/16/2024 11:06	2/16/2024 11:22	16	0
265955	2/16/2024 11:07	2/16/2024 19:45	518	0
1516579	2/16/2024 11:07	2/16/2024 11:12	5	0
327311	2/16/2024 11:07	2/16/2024 11:39	32	0
1453263	2/16/2024 11:07	2/16/2024 14:26	199	0
1524135	2/16/2024 11:07	2/16/2024 14:11	184	0
10222019	2/16/2024 11:08	2/16/2024 11:14	6	0
574993	2/16/2024 11:08	2/16/2024 11:13	5	0
1552154	2/16/2024 11:08	2/16/2024 11:40	32	0.32
623612	2/16/2024 11:08	2/16/2024 11:34	26	0
552210	2/16/2024 11:08	2/16/2024 11:55	47	0
315604	2/16/2024 11:09	2/16/2024 19:43	514	0
1546695	2/16/2024 11:09	2/16/2024 11:35	26	0
313954	2/16/2024 11:09	2/16/2024 19:51	522	1.41
345752	2/16/2024 11:09	2/17/2024 9:00	1310.5	0
1320619	2/16/2024 11:09	2/16/2024 11:56	47	0
623069	2/16/2024 11:09	2/16/2024 11:35	26	0
10371797	2/16/2024 11:10	2/16/2024 19:50	520	0
1321114	2/16/2024 11:10	2/16/2024 11:56	46	0
313731	2/16/2024 11:11	2/16/2024 19:51	520	0.81
1521429	2/16/2024 11:11	2/16/2024 14:08	177	0
315380	2/16/2024 11:11	2/16/2024 19:42	511	0
314564	2/16/2024 11:11	2/16/2024 19:40	509	0
1320646	2/16/2024 11:12	2/16/2024 11:54	42	0
314163	2/16/2024 11:12	2/16/2024 19:52	520	0
1516579	2/16/2024 11:12	2/16/2024 11:22	10	0
574993	2/16/2024 11:13	2/16/2024 11:24	11	0
10222019	2/16/2024 11:14	2/16/2024 11:19	5	0
1363754	2/16/2024 11:14	2/17/2024 9:00	1305.65	0
8495802	2/16/2024 11:15	2/16/2024 13:00	105	2.09
1514004	2/16/2024 11:16	2/16/2024 14:30	194	0
982898	2/16/2024 11:16	2/16/2024 19:35	499	0
1549585	2/16/2024 11:16	2/17/2024 9:00	1303.32	0
68620	2/16/2024 11:17	2/16/2024 14:36	199	0.04
329546	2/16/2024 11:18	2/16/2024 11:33	15	0
1361099	2/16/2024 11:18	2/17/2024 9:00	1301.65	0
428372	2/16/2024 11:18	2/16/2024 11:33	15	0
6583289	2/16/2024 11:18	2/16/2024 11:34	16	0

69207	2/16/2024 11:18	2/16/2024 14:32	194	0
1556486	2/16/2024 11:19	2/16/2024 19:38	499	0
10222019	2/16/2024 11:19	2/16/2024 11:45	26	0
8495805	2/16/2024 11:19	2/16/2024 19:49	510	0
1556434	2/16/2024 11:19	2/16/2024 19:48	509	0.23
330485	2/16/2024 11:20	2/16/2024 11:36	16	0
10393495	2/16/2024 11:20	2/16/2024 11:36	16	0
51957	2/16/2024 11:20	2/16/2024 14:19	179	1.21
500322	2/16/2024 11:21	2/16/2024 14:51	210	0.26
330528	2/16/2024 11:21	2/16/2024 11:37	16	0
624716	2/16/2024 11:21	2/16/2024 11:37	16	0
626477	2/16/2024 11:21	2/16/2024 11:37	16	0
8068454	2/16/2024 11:22	2/16/2024 19:51	509	0
1516579	2/16/2024 11:22	2/16/2024 11:28	6	0
511223	2/16/2024 11:23	2/16/2024 19:42	499	0
658177	2/16/2024 11:24	2/16/2024 19:37	493	0
1511816	2/16/2024 11:24	2/16/2024 14:06	162	0
574993	2/16/2024 11:24	2/16/2024 11:29	5	0
500145	2/16/2024 11:24	2/16/2024 14:54	210	0
1508563	2/16/2024 11:24	2/16/2024 14:12	168	0
1456419	2/16/2024 11:24	2/16/2024 14:38	194	0
510522	2/16/2024 11:24	2/16/2024 19:43	499	0
1465882	2/16/2024 11:24	2/16/2024 19:37	493	1.72
509102	2/16/2024 11:25	2/16/2024 19:49	504	0
610737	2/16/2024 11:25	2/16/2024 11:41	16	0
1511532	2/16/2024 11:25	2/16/2024 14:08	163	0
549617	2/16/2024 11:26	2/16/2024 11:42	16	0.06
609850	2/16/2024 11:26	2/16/2024 11:36	10	0
610547	2/16/2024 11:26	2/17/2024 9:00	1293.27	0
549596	2/16/2024 11:27	2/16/2024 11:42	15	0
1573666	2/16/2024 11:27	2/16/2024 19:41	494	0
8434548	2/16/2024 11:27	2/16/2024 19:40	493	1.47
1516579	2/16/2024 11:28	2/16/2024 11:38	10	0
956559	2/16/2024 11:29	2/16/2024 19:37	488	0
574993	2/16/2024 11:29	2/16/2024 11:40	11	0
979888	2/16/2024 11:29	2/16/2024 12:16	47	0
982261	2/16/2024 11:30	2/16/2024 12:18	48	0
593798	2/16/2024 11:30	2/16/2024 19:38	488	0
1503739	2/16/2024 11:31	2/16/2024 14:45	194	0.34
952445	2/16/2024 11:31	2/16/2024 19:42	491	0
956579	2/16/2024 11:31	2/16/2024 19:42	491	0
428411	2/16/2024 11:31	2/16/2024 13:32	121	0.85
989956	2/16/2024 11:32	2/16/2024 19:35	483	0
593397	2/16/2024 11:32	2/16/2024 19:40	488	0.37
12378019	2/16/2024 11:32	2/16/2024 19:45	493	0
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127206	2/16/2024 11:32	2/17/2024 9:00	1287.5	0

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428372	2/16/2024 11:33	2/16/2024 13:34	121	0
329546	2/16/2024 11:33	2/16/2024 12:36	63	0
427715	2/16/2024 11:33	2/16/2024 13:34	121	0
980398	2/16/2024 11:33	2/16/2024 12:15	42	0
957615	2/16/2024 11:33	2/16/2024 14:47	194	0
981933	2/16/2024 11:33	2/16/2024 12:15	42	0
601397	2/16/2024 11:34	2/16/2024 19:48	494	0
971524	2/16/2024 11:34	2/16/2024 19:37	483	0
6583289	2/16/2024 11:34	2/16/2024 12:32	58	0
328408	2/16/2024 11:34	2/16/2024 19:43	489	0
980870	2/16/2024 11:34	2/16/2024 20:01	507	0
623612	2/16/2024 11:34	2/16/2024 19:47	493	0
276488	2/16/2024 11:35	2/16/2024 12:07	32	0
605186	2/16/2024 11:35	2/16/2024 14:23	168	0
564518	2/16/2024 11:35	2/16/2024 12:48	73	0
627289	2/16/2024 11:35	2/16/2024 19:48	493	0
449036	2/16/2024 11:35	2/16/2024 13:46	131	0.36
623069	2/16/2024 11:35	2/16/2024 19:43	488	0
1550815	2/16/2024 11:35	2/16/2024 12:07	32	0
105666	2/16/2024 11:35	2/16/2024 11:51	16	0
953854	2/16/2024 11:35	2/16/2024 19:43	488	0
623871	2/16/2024 11:35	2/16/2024 19:43	488	0
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1551513	2/16/2024 11:35	2/16/2024 12:07	32	0
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800588	2/16/2024 11:36	2/16/2024 11:51	15	0
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609850	2/16/2024 11:36	2/16/2024 12:08	32	0
277818	2/16/2024 11:36	2/16/2024 12:08	32	0
574596	2/16/2024 11:36	2/16/2024 11:51	15	0
330485	2/16/2024 11:36	2/16/2024 12:34	58	0
1555268	2/16/2024 11:36	2/16/2024 12:08	32	0
277301	2/16/2024 11:36	2/16/2024 12:08	32	0
800590	2/16/2024 11:36	2/16/2024 11:51	15	0
626600	2/16/2024 11:37	2/17/2024 9:00	1282.27	0
274125	2/16/2024 11:37	2/16/2024 12:09	32	0
4173986	2/16/2024 11:37	2/16/2024 12:09	32	0
330528	2/16/2024 11:37	2/16/2024 12:34	57	0
10013697	2/16/2024 11:37	2/16/2024 12:09	32	0
624716	2/16/2024 11:37	2/16/2024 19:51	494	0.85
626477	2/16/2024 11:37	2/16/2024 19:40	483	0
1515733	2/16/2024 11:38	2/16/2024 11:54	16	0.25
281056	2/16/2024 11:38	2/16/2024 12:09	31	0
1516579	2/16/2024 11:38	2/16/2024 11:43	5	0

121726	2/16/2024 11:38	2/16/2024 11:54	16	0
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174362	2/16/2024 11:40	2/16/2024 19:48	488	0
801004	2/16/2024 11:40	2/16/2024 11:51	11	0
1552154	2/16/2024 11:40	2/16/2024 12:06	26	0.27
1524033	2/16/2024 11:40	2/16/2024 12:06	26	0.28
169731	2/16/2024 11:40	2/16/2024 19:48	488	0
610737	2/16/2024 11:41	2/16/2024 12:07	26	0
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549596	2/16/2024 11:42	2/16/2024 12:56	74	0
549617	2/16/2024 11:42	2/16/2024 12:56	74	0.42
1190246	2/16/2024 11:42	2/16/2024 12:56	74	0
1288420	2/16/2024 11:43	2/16/2024 11:49	6	0
1516579	2/16/2024 11:43	2/16/2024 14:11	148	0
587455	2/16/2024 11:44	2/16/2024 14:16	152	0
1359800	2/16/2024 11:44	2/16/2024 12:00	16	0
574993	2/16/2024 11:45	2/16/2024 11:50	5	0
320966	2/16/2024 11:45	2/16/2024 12:01	16	0
1272457	2/16/2024 11:45	2/16/2024 12:01	16	0
10222019	2/16/2024 11:45	2/16/2024 11:50	5	0
1597556	2/16/2024 11:46	2/16/2024 19:44	478	0.51
1599209	2/16/2024 11:46	2/16/2024 19:38	472	0
1565203	2/16/2024 11:46	2/16/2024 12:01	15	0
1359694	2/16/2024 11:47	2/16/2024 12:02	15	0.03
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1288420	2/16/2024 11:49	2/16/2024 12:11	22	0
723800	2/16/2024 11:49	2/16/2024 12:20	31	0
10222019	2/16/2024 11:50	2/16/2024 12:01	11	0
574993	2/16/2024 11:50	2/16/2024 11:55	5	0
800588	2/16/2024 11:51	2/16/2024 12:07	16	0
801004	2/16/2024 11:51	2/16/2024 12:07	16	0
800590	2/16/2024 11:51	2/16/2024 12:07	16	0
105666	2/16/2024 11:51	2/16/2024 19:39	468	0
574596	2/16/2024 11:51	2/16/2024 12:06	15	0
1020565	2/16/2024 11:52	2/16/2024 12:07	15	0.04
1019446	2/16/2024 11:53	2/16/2024 12:08	15	0
1701172	2/16/2024 11:53	2/16/2024 14:41	168	0
1321605	2/16/2024 11:53	2/16/2024 14:46	173	0
1515733	2/16/2024 11:54	2/16/2024 12:09	15	0.09

1320646	2/16/2024 11:54	2/16/2024 14:40	166	0
121726	2/16/2024 11:54	2/16/2024 12:10	16	0
800600	2/16/2024 11:55	2/16/2024 12:11	16	0
552210	2/16/2024 11:55	2/16/2024 14:39	164	0
574993	2/16/2024 11:55	2/16/2024 12:06	11	0
1321114	2/16/2024 11:56	2/16/2024 14:39	163	0
1320619	2/16/2024 11:56	2/16/2024 14:40	164	0
2032900	2/16/2024 11:57	2/16/2024 14:08	131	0
1320008	2/16/2024 11:58	2/16/2024 14:40	162	0
416557	2/16/2024 11:59	2/16/2024 14:32	153	0
1359800	2/16/2024 12:00	2/16/2024 13:03	63	0
1272457	2/16/2024 12:01	2/16/2024 12:17	16	0
10222019	2/16/2024 12:01	2/16/2024 12:06	5	0
1565203	2/16/2024 12:01	2/16/2024 12:17	16	0
320966	2/16/2024 12:01	2/16/2024 12:32	31	0
1359694	2/16/2024 12:02	2/16/2024 13:00	58	0
281235	2/16/2024 12:04	2/16/2024 14:21	137	0
67738	2/16/2024 12:04	2/16/2024 13:48	104	0
9063373	2/16/2024 12:04	2/16/2024 13:48	104	0
1394324	2/16/2024 12:04	2/16/2024 13:49	105	0
1416360	2/16/2024 12:05	2/16/2024 22:07	602	0
274059	2/16/2024 12:05	2/16/2024 14:54	169	0
1524033	2/16/2024 12:06	2/16/2024 14:23	137	0.2
10222019	2/16/2024 12:06	2/17/2024 9:00	1253.65	0
1551510	2/16/2024 12:06	2/16/2024 14:38	152	0
574596	2/16/2024 12:06	2/16/2024 14:06	120	0
1552154	2/16/2024 12:06	2/16/2024 14:23	137	0.06
574993	2/16/2024 12:06	2/16/2024 12:11	5	0
800588	2/16/2024 12:07	2/17/2024 9:00	1252.28	0
1020565	2/16/2024 12:07	2/16/2024 14:51	164	0
610737	2/16/2024 12:07	2/16/2024 13:41	94	0
800590	2/16/2024 12:07	2/17/2024 9:00	1252.28	0
801004	2/16/2024 12:07	2/17/2024 9:00	1252.28	0
1546695	2/16/2024 12:07	2/16/2024 14:23	136	0
1550815	2/16/2024 12:07	2/16/2024 14:39	152	0
276488	2/16/2024 12:07	2/16/2024 14:39	152	0.36
10393495	2/16/2024 12:07	2/16/2024 14:34	147	0
1551513	2/16/2024 12:07	2/16/2024 14:39	152	0
1555268	2/16/2024 12:08	2/16/2024 14:35	147	0
277818	2/16/2024 12:08	2/16/2024 14:34	146	0
609850	2/16/2024 12:08	2/16/2024 13:37	89	0.13
277301	2/16/2024 12:08	2/16/2024 14:37	149	0
1019446	2/16/2024 12:08	2/16/2024 12:36	28	0
274125	2/16/2024 12:09	2/16/2024 14:20	131	0
10013697	2/16/2024 12:09	2/16/2024 14:36	147	0
4173986	2/16/2024 12:09	2/16/2024 14:35	146	0
281056	2/16/2024 12:09	2/16/2024 14:20	131	0

1515733	2/16/2024 12:09	2/16/2024 14:10	121	0.09
121726	2/16/2024 12:10	2/17/2024 9:00	1249.5	0
800600	2/16/2024 12:11	2/17/2024 9:00	1248.28	0
1288420	2/16/2024 12:11	2/16/2024 12:15	4	0
574993	2/16/2024 12:11	2/16/2024 12:22	11	0
1518000	2/16/2024 12:11	2/16/2024 14:38	147	0
975066	2/16/2024 12:13	2/16/2024 14:24	131	0
449377	2/16/2024 12:13	2/16/2024 12:55	42	0
1288420	2/16/2024 12:15	2/16/2024 13:28	73	0
980398	2/16/2024 12:15	2/16/2024 14:47	152	0
981933	2/16/2024 12:15	2/16/2024 14:48	153	0
979888	2/16/2024 12:16	2/16/2024 14:49	153	0
1565203	2/16/2024 12:17	2/16/2024 14:28	131	0
1272457	2/16/2024 12:17	2/16/2024 16:03	226	0
486880	2/16/2024 12:18	2/17/2024 9:00	1241.27	0
980132	2/16/2024 12:18	2/16/2024 14:46	148	0
982261	2/16/2024 12:18	2/16/2024 14:45	147	0
723800	2/16/2024 12:20	2/17/2024 9:00	1239.28	0
574993	2/16/2024 12:22	2/16/2024 12:27	5	0
486985	2/16/2024 12:22	2/17/2024 9:00	1237.27	0
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328113	2/16/2024 12:30	2/17/2024 9:00	1229.5	0
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1019446	2/16/2024 12:36	2/16/2024 14:48	132	0
1394442	2/16/2024 12:36	2/17/2024 9:00	1223.65	0
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101280	2/16/2024 12:37	2/17/2024 9:00	1222.5	0
98169	2/16/2024 12:38	2/17/2024 9:00	1221.5	0
1394543	2/16/2024 12:38	2/17/2024 9:00	1221.65	0
1415828	2/16/2024 12:42	2/16/2024 14:06	84	0
564518	2/16/2024 12:48	2/16/2024 14:49	121	0
553863	2/16/2024 12:51	2/17/2024 9:00	1208.27	0
1093833	2/16/2024 12:52	2/16/2024 14:48	116	0
1664433	2/16/2024 12:54	2/16/2024 13:04	10	0
549259	2/16/2024 12:55	2/16/2024 14:25	90	0
449377	2/16/2024 12:55	2/16/2024 13:16	21	0
1190246	2/16/2024 12:56	2/16/2024 13:27	31	0
549596	2/16/2024 12:56	2/17/2024 9:00	1203.27	0
549617	2/16/2024 12:56	2/17/2024 9:00	1203.27	0.04
1359694	2/16/2024 13:00	2/17/2024 9:00	1199.65	0

8495802	2/16/2024 13:00	2/16/2024 13:32	32	0.02
1359800	2/16/2024 13:03	2/17/2024 9:00	1196.65	0
1664433	2/16/2024 13:04	2/16/2024 13:20	16	0
449377	2/16/2024 13:16	2/16/2024 14:19	63	0
450309	2/16/2024 13:20	2/16/2024 13:46	26	0
1664433	2/16/2024 13:20	2/16/2024 14:23	63	0
1351812	2/16/2024 13:21	2/17/2024 9:00	1178.65	0
1352482	2/16/2024 13:22	2/17/2024 9:00	1177.65	0
1351588	2/16/2024 13:23	2/16/2024 16:42	199	0
1353525	2/16/2024 13:23	2/17/2024 9:00	1176.65	0
1355729	2/16/2024 13:24	2/17/2024 9:00	1175.65	0
1193174	2/16/2024 13:24	2/17/2024 9:00	1175.65	0
1190246	2/16/2024 13:27	2/16/2024 14:25	58	0
1288420	2/16/2024 13:28	2/16/2024 13:34	6	0
926503	2/16/2024 13:31	2/16/2024 13:47	16	0
8495802	2/16/2024 13:32	2/16/2024 14:14	42	0
428411	2/16/2024 13:32	2/16/2024 19:49	377	0.02
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1288420	2/16/2024 13:34	2/16/2024 14:10	36	0
926638	2/16/2024 13:34	2/16/2024 13:50	16	0
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428372	2/16/2024 13:34	2/16/2024 19:41	367	0
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926505	2/16/2024 13:36	2/16/2024 13:47	11	0
928438	2/16/2024 13:36	2/17/2024 9:00	1163.28	0
609850	2/16/2024 13:37	2/16/2024 19:39	362	0.24
574993	2/16/2024 13:40	2/16/2024 13:51	11	0
610737	2/16/2024 13:41	2/16/2024 19:44	363	0
1516786	2/16/2024 13:42	2/16/2024 14:13	31	0
1624452	2/16/2024 13:46	2/16/2024 14:33	47	0
450309	2/16/2024 13:46	2/16/2024 19:40	354	0
449036	2/16/2024 13:46	2/16/2024 14:02	16	0
926505	2/16/2024 13:47	2/16/2024 14:50	63	0
68308	2/16/2024 13:47	2/16/2024 14:19	32	0
926503	2/16/2024 13:47	2/16/2024 14:50	63	0
9063373	2/16/2024 13:48	2/16/2024 14:20	32	0
67738	2/16/2024 13:48	2/16/2024 19:46	358	0
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1539391	2/16/2024 13:50	2/16/2024 19:42	352	0
926638	2/16/2024 13:50	2/16/2024 14:48	58	0
1538577	2/16/2024 13:50	2/16/2024 19:47	357	0
574993	2/16/2024 13:51	2/16/2024 13:56	5	0
1939790	2/16/2024 13:52	2/16/2024 14:39	47	0.03
204700	2/16/2024 13:54	2/17/2024 9:00	1145.5	0
574993	2/16/2024 13:56	2/16/2024 14:07	11	0
204963	2/16/2024 13:56	2/17/2024 9:00	1143.5	0

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574993	2/16/2024 14:07	2/16/2024 14:12	5	0
1464949	2/16/2024 14:07	2/16/2024 14:18	11	0
1521429	2/16/2024 14:08	2/16/2024 19:40	332	0
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1522810	2/16/2024 14:09	2/16/2024 14:40	31	0
1522282	2/16/2024 14:10	2/16/2024 14:42	32	0.06
1515733	2/16/2024 14:10	2/16/2024 14:26	16	0
1523423	2/16/2024 14:10	2/16/2024 14:37	27	0
1288420	2/16/2024 14:10	2/16/2024 14:16	6	0
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1516579	2/16/2024 14:11	2/16/2024 14:16	5	0
574993	2/16/2024 14:12	2/16/2024 14:22	10	0
1508563	2/16/2024 14:12	2/16/2024 19:42	330	0
1516786	2/16/2024 14:13	2/16/2024 14:28	15	0
8495802	2/16/2024 14:14	2/16/2024 14:29	15	0
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353651	2/16/2024 14:15	2/16/2024 14:30	15	0
1288420	2/16/2024 14:16	2/16/2024 14:26	10	0
587455	2/16/2024 14:16	2/16/2024 14:32	16	0
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8950281	2/16/2024 14:17	2/16/2024 14:32	15	0
353082	2/16/2024 14:18	2/16/2024 14:33	15	0
449036	2/16/2024 14:18	2/16/2024 14:49	31	0
1431804	2/16/2024 14:18	2/16/2024 14:33	15	0
561672	2/16/2024 14:18	2/16/2024 14:34	16	0
1464949	2/16/2024 14:18	2/16/2024 14:34	16	0
563721	2/16/2024 14:19	2/16/2024 14:35	16	0
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51957	2/16/2024 14:19	2/16/2024 14:34	15	0
926657	2/16/2024 14:20	2/16/2024 14:31	11	0
274125	2/16/2024 14:20	2/16/2024 14:36	16	0

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70277	2/16/2024 14:20	2/16/2024 14:46	26	0
9063373	2/16/2024 14:20	2/16/2024 15:07	47	0
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449377	2/16/2024 14:24	2/16/2024 14:50	26	0
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574993	2/16/2024 14:28	2/16/2024 14:38	10	0
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1288420	2/16/2024 14:31	2/16/2024 14:42	11	0

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816722	2/16/2024 14:32	2/16/2024 14:47	15	0
587455	2/16/2024 14:32	2/16/2024 14:48	16	0
51483	2/16/2024 14:33	2/16/2024 15:04	31	0
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6995795	2/16/2024 14:34	2/16/2024 15:05	31	0
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563721	2/16/2024 14:35	2/16/2024 14:45	10	0
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1515733	2/16/2024 14:36	2/16/2024 19:46	310	0
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274125	2/16/2024 14:36	2/16/2024 19:50	314	0
68620	2/16/2024 14:36	2/16/2024 19:51	315	0
562727	2/16/2024 14:36	2/16/2024 19:45	309	0.04
281235	2/16/2024 14:36	2/16/2024 19:46	310	0
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277301	2/16/2024 14:37	2/16/2024 19:52	315	0
1463218	2/16/2024 14:37	2/16/2024 19:36	299	0
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574993	2/16/2024 14:38	2/16/2024 14:43	5	0

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563241	2/16/2024 14:38	2/16/2024 19:37	299	0
562856	2/16/2024 14:38	2/16/2024 19:48	310	0
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1321114	2/16/2024 14:39	2/16/2024 19:28	289	0
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1550815	2/16/2024 14:39	2/16/2024 19:43	304	0
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276488	2/16/2024 14:39	2/16/2024 19:49	310	0.34
1320646	2/16/2024 14:40	2/16/2024 19:45	305	0
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549259	2/16/2024 14:41	2/16/2024 19:40	299	0
416557	2/16/2024 14:42	2/16/2024 19:35	293	0
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1516579	2/16/2024 14:42	2/16/2024 14:52	10	0
30176	2/16/2024 14:42	2/17/2024 9:00	1097.5	0
1413046	2/16/2024 14:43	2/16/2024 14:54	11	0
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353082	2/16/2024 14:44	2/16/2024 19:48	304	0
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353651	2/16/2024 14:45	2/16/2024 19:40	295	0
982261	2/16/2024 14:45	2/16/2024 19:39	294	0
664030	2/16/2024 14:45	2/16/2024 14:56	11	0
1503739	2/16/2024 14:45	2/16/2024 19:34	289	0
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980132	2/16/2024 14:46	2/16/2024 19:39	293	0
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1251782	2/16/2024 14:46	2/16/2024 19:50	304	0
70277	2/16/2024 14:46	2/16/2024 19:48	302	0
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817825	2/16/2024 14:46	2/16/2024 19:40	294	0
1321605	2/16/2024 14:46	2/16/2024 19:35	289	0
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980398	2/16/2024 14:47	2/16/2024 19:36	289	0
957615	2/16/2024 14:47	2/16/2024 19:36	289	0
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816722	2/16/2024 14:47	2/16/2024 19:36	289	0
320966	2/16/2024 14:48	2/16/2024 19:43	295	0
926638	2/16/2024 14:48	2/16/2024 19:36	288	0
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9313875	2/16/2024 14:48	2/16/2024 19:37	289	0
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645339	2/16/2024 14:51	2/16/2024 19:45	294	0

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274059	2/16/2024 14:54	2/16/2024 19:43	289	0
1412757	2/16/2024 14:54	2/16/2024 15:25	31	0
1450250	2/16/2024 14:55	2/16/2024 19:44	289	0
1641091	2/16/2024 14:55	2/16/2024 19:49	294	0
2032900	2/16/2024 14:55	2/16/2024 15:27	32	0
1523524	2/16/2024 14:55	2/16/2024 19:44	289	0
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975066	2/16/2024 14:56	2/16/2024 19:46	290	0
25066	2/16/2024 14:57	2/16/2024 19:45	288	0
1384509	2/16/2024 14:57	2/16/2024 19:38	281	0
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23566	2/16/2024 14:58	2/16/2024 19:41	283	0
11176351	2/16/2024 14:59	2/16/2024 19:43	284	0
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574993	2/16/2024 14:59	2/16/2024 15:10	11	0
664030	2/16/2024 15:01	2/16/2024 15:12	11	0
51957	2/16/2024 15:01	2/16/2024 19:49	288	0
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380736	2/16/2024 15:02	2/16/2024 19:36	274	0
8910809	2/16/2024 15:02	2/16/2024 19:40	278	0
66685	2/16/2024 15:03	2/16/2024 19:51	288	0
1041597	2/16/2024 15:03	2/16/2024 19:42	279	0
51483	2/16/2024 15:04	2/16/2024 19:42	278	0
1624452	2/16/2024 15:04	2/16/2024 19:43	279	0
8950281	2/16/2024 15:04	2/16/2024 19:47	283	0
381982	2/16/2024 15:05	2/16/2024 19:49	284	0
6995795	2/16/2024 15:05	2/16/2024 19:43	278	0
380057	2/16/2024 15:05	2/16/2024 19:49	284	0
198082	2/16/2024 15:06	2/17/2024 9:00	1073.5	0
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7879030	2/16/2024 15:06	2/16/2024 19:39	273	0
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664030	2/16/2024 15:12	2/16/2024 15:17	5	0
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1288420	2/16/2024 15:13	2/16/2024 15:19	6	0
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574993	2/16/2024 15:15	2/16/2024 15:20	5	0
664030	2/16/2024 15:17	2/16/2024 15:22	5	0
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574993	2/16/2024 15:20	2/16/2024 15:25	5	0
449036	2/16/2024 15:20	2/16/2024 19:43	263	0
1664433	2/16/2024 15:21	2/16/2024 19:48	267	0
664030	2/16/2024 15:22	2/16/2024 15:27	5	0
281056	2/16/2024 15:23	2/16/2024 19:51	268	0
1516579	2/16/2024 15:24	2/16/2024 15:29	5	0
574993	2/16/2024 15:25	2/16/2024 15:36	11	0
1412757	2/16/2024 15:25	2/16/2024 15:41	16	0
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2032900	2/16/2024 15:27	2/16/2024 15:58	31	0
664030	2/16/2024 15:27	2/16/2024 15:38	11	0
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574993	2/16/2024 15:36	2/16/2024 15:41	5	0
1417279	2/16/2024 15:37	2/16/2024 19:44	247	0
664030	2/16/2024 15:38	2/16/2024 15:43	5	0
1434359	2/16/2024 15:39	2/17/2024 9:00	1040.32	0
1516579	2/16/2024 15:40	2/16/2024 15:45	5	0
574993	2/16/2024 15:41	2/16/2024 15:52	11	0
1412757	2/16/2024 15:41	2/16/2024 19:42	241	0
1413046	2/16/2024 15:41	2/16/2024 15:46	5	0
664030	2/16/2024 15:43	2/16/2024 15:54	11	0
1671958	2/16/2024 15:44	2/16/2024 19:40	236	0
1516579	2/16/2024 15:45	2/16/2024 15:56	11	0
418876	2/16/2024 15:46	2/16/2024 19:42	236	0
1413046	2/16/2024 15:46	2/17/2024 9:00	1033.65	0
417158	2/16/2024 15:47	2/16/2024 19:38	231	0
574993	2/16/2024 15:52	2/16/2024 15:57	5	0
324249	2/16/2024 15:53	2/16/2024 19:43	230	0
323747	2/16/2024 15:54	2/16/2024 19:45	231	0
664030	2/16/2024 15:54	2/16/2024 15:59	5	0
1516579	2/16/2024 15:56	2/16/2024 16:01	5	0
574993	2/16/2024 15:57	2/16/2024 16:07	10	0

2032900	2/16/2024 15:58	2/16/2024 16:09	11	0
5834752	2/16/2024 15:59	2/16/2024 19:40	221	0
347031	2/16/2024 15:59	2/16/2024 19:40	221	0
664030	2/16/2024 15:59	2/16/2024 16:09	10	0
1516579	2/16/2024 16:01	2/17/2024 9:00	1018.32	0
345394	2/16/2024 16:01	2/16/2024 19:41	220	0
8511715	2/16/2024 16:01	2/16/2024 19:41	220	0
1272457	2/16/2024 16:03	2/16/2024 19:35	212	0
344641	2/16/2024 16:05	2/16/2024 19:40	215	0
574993	2/16/2024 16:07	2/16/2024 16:13	6	0
1461375	2/16/2024 16:09	2/16/2024 19:39	210	0
2032900	2/16/2024 16:09	2/16/2024 19:44	215	0
664030	2/16/2024 16:09	2/16/2024 16:15	6	0
1467272	2/16/2024 16:10	2/16/2024 19:46	216	0
1463520	2/16/2024 16:11	2/16/2024 19:41	210	0
574993	2/16/2024 16:13	2/16/2024 16:23	10	0
664030	2/16/2024 16:15	2/16/2024 16:25	10	0
25674	2/16/2024 16:16	2/16/2024 16:22	6	0
1466415	2/16/2024 16:18	2/16/2024 19:37	199	0
449377	2/16/2024 16:19	2/16/2024 17:33	74	0
859747	2/16/2024 16:20	2/16/2024 19:50	210	0
25674	2/16/2024 16:22	2/16/2024 18:12	110	0
860281	2/16/2024 16:23	2/16/2024 19:42	199	0
574993	2/16/2024 16:23	2/16/2024 16:28	5	0
188639	2/16/2024 16:25	2/16/2024 19:28	183	0
664030	2/16/2024 16:25	2/16/2024 16:30	5	0
574993	2/16/2024 16:28	2/16/2024 16:55	27	0
664030	2/16/2024 16:30	2/16/2024 16:41	11	0
1368745	2/16/2024 16:35	2/16/2024 19:38	183	0
664030	2/16/2024 16:41	2/16/2024 16:46	5	0
1349083	2/16/2024 16:41	2/16/2024 19:50	189	0
1351588	2/16/2024 16:42	2/16/2024 19:51	189	0
1348444	2/16/2024 16:42	2/16/2024 19:35	173	0
1349766	2/16/2024 16:43	2/17/2024 0:54	491	0
1349502	2/16/2024 16:44	2/16/2024 19:48	184	0
1350104	2/16/2024 16:45	2/16/2024 23:29	404	0
1348976	2/16/2024 16:45	2/16/2024 19:49	184	0
664030	2/16/2024 16:46	2/17/2024 9:00	973.28	0
574993	2/16/2024 16:55	2/16/2024 17:00	5	0
574993	2/16/2024 17:00	2/16/2024 17:05	5	0
733373	2/16/2024 17:03	2/16/2024 17:19	16	0
574993	2/16/2024 17:05	2/16/2024 17:10	5	0
1466638	2/16/2024 17:07	2/16/2024 19:34	147	0
574993	2/16/2024 17:10	2/17/2024 9:00	949.27	0
733373	2/16/2024 17:19	2/16/2024 18:53	94	0
449377	2/16/2024 17:33	2/16/2024 18:20	47	0
324290	2/16/2024 17:39	2/16/2024 17:55	16	0

1019446	2/16/2024 17:42	2/17/2024 9:00	917.1	0
1395587	2/16/2024 17:50	2/17/2024 9:00	909.65	0
319279	2/16/2024 17:51	2/16/2024 19:47	116	0
324290	2/16/2024 17:55	2/16/2024 19:40	105	0
1266649	2/16/2024 18:04	2/16/2024 19:38	94	0
1685329	2/16/2024 18:05	2/17/2024 9:00	894.65	0
25674	2/16/2024 18:12	2/17/2024 9:00	887.5	0
449377	2/16/2024 18:20	2/16/2024 19:13	53	0
733373	2/16/2024 18:53	2/17/2024 8:34	821	0
195839	2/16/2024 18:55	2/17/2024 9:00	844.5	0
1469850	2/16/2024 19:11	2/17/2024 8:39	808	0
1469270	2/16/2024 19:13	2/17/2024 8:42	809	0
449377	2/16/2024 19:13	2/16/2024 19:39	26	0
954332	2/16/2024 19:23	2/17/2024 9:00	816.1	0
1265778	2/16/2024 19:27	2/17/2024 9:00	812.65	0
665119	2/16/2024 19:27	2/17/2024 9:00	812.28	0
1654064	2/16/2024 19:28	2/17/2024 9:00	811.1	0
1321114	2/16/2024 19:28	2/17/2024 9:00	811.65	0
188639	2/16/2024 19:28	2/17/2024 9:00	811.5	0
1320619	2/16/2024 19:29	2/17/2024 9:00	810.65	0
945898	2/16/2024 19:29	2/17/2024 9:00	810.28	0
1332906	2/16/2024 19:32	2/17/2024 9:00	807.65	0
385332	2/16/2024 19:33	2/17/2024 9:00	806.27	0
1431804	2/16/2024 19:33	2/17/2024 9:00	806.32	0
926503	2/16/2024 19:33	2/17/2024 9:00	806.28	0
1503739	2/16/2024 19:34	2/17/2024 9:00	805.1	0
1466638	2/16/2024 19:34	2/17/2024 8:21	767	0
1324907	2/16/2024 19:34	2/17/2024 9:00	805.65	0
1320008	2/16/2024 19:34	2/17/2024 9:00	805.65	0
1348444	2/16/2024 19:35	2/17/2024 9:00	804.65	0
982898	2/16/2024 19:35	2/17/2024 9:00	804.1	0
1343091	2/16/2024 19:35	2/17/2024 9:00	804.65	0
416557	2/16/2024 19:35	2/17/2024 9:00	804.27	0
1321605	2/16/2024 19:35	2/17/2024 9:00	804.65	0
989956	2/16/2024 19:35	2/17/2024 9:00	804.1	0
1272457	2/16/2024 19:35	2/17/2024 8:01	746	0
380736	2/16/2024 19:36	2/17/2024 9:00	803.27	0
1638359	2/16/2024 19:36	2/17/2024 9:00	803.32	0
1342974	2/16/2024 19:36	2/17/2024 9:00	803.65	0
926638	2/16/2024 19:36	2/17/2024 9:00	803.28	0
957615	2/16/2024 19:36	2/17/2024 9:00	803.1	0
816722	2/16/2024 19:36	2/17/2024 9:00	803.28	0
1463218	2/16/2024 19:36	2/17/2024 9:00	803.32	0
1333801	2/16/2024 19:36	2/17/2024 9:00	803.65	0
980398	2/16/2024 19:36	2/17/2024 9:00	803.1	0
971524	2/16/2024 19:37	2/17/2024 9:00	802.27	0
1400258	2/16/2024 19:37	2/17/2024 9:00	802.65	0

1551510	2/16/2024 19:37	2/17/2024 9:00	802.32	0
1020565	2/16/2024 19:37	2/17/2024 9:00	802.1	0
7932279	2/16/2024 19:37	2/17/2024 9:00	802.32	0
656343	2/16/2024 19:37	2/17/2024 9:00	802.28	0
1511816	2/16/2024 19:37	2/17/2024 9:00	802.32	0
1518000	2/16/2024 19:37	2/17/2024 9:00	802.32	0
1466415	2/16/2024 19:37	2/17/2024 9:00	802.32	0
1465882	2/16/2024 19:37	2/17/2024 9:00	802.32	0
658177	2/16/2024 19:37	2/17/2024 9:00	802.28	0
956559	2/16/2024 19:37	2/17/2024 9:00	802.1	0
9313875	2/16/2024 19:37	2/17/2024 9:00	802.32	0
563241	2/16/2024 19:37	2/17/2024 9:00	802.27	0
510974	2/16/2024 19:38	2/17/2024 9:00	801.27	0
1020274	2/16/2024 19:38	2/17/2024 9:00	801.1	0
66588	2/16/2024 19:38	2/17/2024 9:00	801.5	0
510307	2/16/2024 19:38	2/17/2024 9:00	801.27	0
1556486	2/16/2024 19:38	2/17/2024 9:00	801.32	0
1599209	2/16/2024 19:38	2/17/2024 9:00	801.32	0
793285	2/16/2024 19:38	2/17/2024 9:00	801.28	0
1939790	2/16/2024 19:38	2/17/2024 9:00	801.32	0
982457	2/16/2024 19:38	2/17/2024 9:00	801.1	0
1446401	2/16/2024 19:38	2/17/2024 9:00	801.32	0
1368745	2/16/2024 19:38	2/17/2024 9:00	801.65	0
500173	2/16/2024 19:38	2/17/2024 9:00	801.27	0
593798	2/16/2024 19:38	2/17/2024 9:00	801.27	0
1384509	2/16/2024 19:38	2/17/2024 9:00	801.65	0
417158	2/16/2024 19:38	2/17/2024 9:00	801.27	0
1266649	2/16/2024 19:38	2/17/2024 9:00	801.65	0
1524033	2/16/2024 19:38	2/17/2024 9:00	801.32	0
955448	2/16/2024 19:39	2/17/2024 9:00	800.1	0
609850	2/16/2024 19:39	2/17/2024 9:00	800.27	0
449377	2/16/2024 19:39	2/16/2024 20:26	47	0
1461375	2/16/2024 19:39	2/17/2024 9:00	800.32	0
105666	2/16/2024 19:39	2/17/2024 9:00	800.5	0
980132	2/16/2024 19:39	2/17/2024 9:00	800.1	0
196408	2/16/2024 19:39	2/17/2024 9:00	800.5	0
1405153	2/16/2024 19:39	2/17/2024 9:00	800.65	0
325050	2/16/2024 19:39	2/17/2024 9:00	800.5	0
982261	2/16/2024 19:39	2/17/2024 9:00	800.1	0
7937779	2/16/2024 19:39	2/17/2024 9:00	800.65	0
954637	2/16/2024 19:39	2/17/2024 9:00	800.1	0
7879030	2/16/2024 19:39	2/17/2024 9:00	800.27	0
1511264	2/16/2024 19:39	2/17/2024 9:00	800.32	0
1514004	2/16/2024 19:40	2/17/2024 9:00	799.32	0
353651	2/16/2024 19:40	2/17/2024 9:00	799.5	0
593397	2/16/2024 19:40	2/17/2024 9:00	799.27	0
817825	2/16/2024 19:40	2/17/2024 9:00	799.28	0

29848	2/16/2024 19:40	2/17/2024 9:00	799.5	0
314564	2/16/2024 19:40	2/17/2024 9:00	799.5	0
1521429	2/16/2024 19:40	2/17/2024 9:00	799.32	0
5834752	2/16/2024 19:40	2/17/2024 9:00	799.5	0
8910809	2/16/2024 19:40	2/17/2024 9:00	799.27	0
324290	2/16/2024 19:40	2/17/2024 9:00	799.5	0
549259	2/16/2024 19:40	2/17/2024 9:00	799.27	0
1434316	2/16/2024 19:40	2/17/2024 9:00	799.32	0
1190246	2/16/2024 19:40	2/17/2024 9:00	799.65	0
344641	2/16/2024 19:40	2/17/2024 9:00	799.5	0
1394324	2/16/2024 19:40	2/17/2024 9:00	799.65	0
626477	2/16/2024 19:40	2/17/2024 9:00	799.27	0
1459057	2/16/2024 19:40	2/17/2024 9:00	799.32	0
1701172	2/16/2024 19:40	2/17/2024 9:00	799.65	0
347031	2/16/2024 19:40	2/17/2024 9:00	799.5	0
926657	2/16/2024 19:40	2/17/2024 9:00	799.28	0
646026	2/16/2024 19:40	2/17/2024 9:00	799.27	0
450309	2/16/2024 19:40	2/17/2024 9:00	799.27	0
315169	2/16/2024 19:40	2/17/2024 9:00	799.5	0
10433250	2/16/2024 19:40	2/17/2024 9:00	799.65	0
790670	2/16/2024 19:40	2/17/2024 9:00	799.28	0
8434548	2/16/2024 19:40	2/17/2024 9:00	799.5	0
1671958	2/16/2024 19:40	2/17/2024 9:00	799.27	0
563721	2/16/2024 19:41	2/17/2024 9:00	798.27	0
1573666	2/16/2024 19:41	2/17/2024 9:00	798.32	0
23566	2/16/2024 19:41	2/17/2024 9:00	798.5	0
1522282	2/16/2024 19:41	2/17/2024 9:00	798.32	0
317797	2/16/2024 19:41	2/17/2024 9:00	798.5	0
1463520	2/16/2024 19:41	2/17/2024 8:38	777	0
658658	2/16/2024 19:41	2/17/2024 9:00	798.28	0
259674	2/16/2024 19:41	2/17/2024 9:00	798.5	0
345394	2/16/2024 19:41	2/17/2024 9:00	798.5	0
627018	2/16/2024 19:41	2/17/2024 9:00	798.27	0
23464	2/16/2024 19:41	2/17/2024 9:00	798.5	0
427715	2/16/2024 19:41	2/17/2024 9:00	798.27	0
428372	2/16/2024 19:41	2/17/2024 9:00	798.27	0
800576	2/16/2024 19:41	2/17/2024 9:00	798.28	0
8511715	2/16/2024 19:41	2/17/2024 9:00	798.5	0
1523423	2/16/2024 19:41	2/17/2024 9:00	798.32	0
1604432	2/16/2024 19:41	2/17/2024 9:00	798.32	0
1020387	2/16/2024 19:41	2/17/2024 9:00	798.1	0
197690	2/16/2024 19:42	2/17/2024 9:00	797.5	0
1508563	2/16/2024 19:42	2/17/2024 9:00	797.32	0
1539391	2/16/2024 19:42	2/17/2024 9:00	797.32	0
979888	2/16/2024 19:42	2/17/2024 9:00	797.1	0
51483	2/16/2024 19:42	2/17/2024 9:00	797.5	0
952445	2/16/2024 19:42	2/17/2024 9:00	797.1	0

1309098	2/16/2024 19:42	2/17/2024 9:00	797.65	0
8104722	2/16/2024 19:42	2/17/2024 9:00	797.5	0
860281	2/16/2024 19:42	2/17/2024 9:00	797.28	0
1515678	2/16/2024 19:42	2/17/2024 9:00	797.32	0
39180	2/16/2024 19:42	2/17/2024 9:00	797.5	0
8206792	2/16/2024 19:42	2/17/2024 9:00	797.32	0
587455	2/16/2024 19:42	2/17/2024 9:00	797.27	0
1393633	2/16/2024 19:42	2/17/2024 9:00	797.65	0
656498	2/16/2024 19:42	2/17/2024 9:00	797.28	0
8511623	2/16/2024 19:42	2/17/2024 9:00	797.5	0
981933	2/16/2024 19:42	2/17/2024 9:00	797.1	0
1041597	2/16/2024 19:42	2/17/2024 9:00	797.1	0
1554677	2/16/2024 19:42	2/17/2024 9:00	797.32	0
317233	2/16/2024 19:42	2/17/2024 9:00	797.5	0
956579	2/16/2024 19:42	2/17/2024 9:00	797.1	0
314188	2/16/2024 19:42	2/17/2024 9:00	797.5	0
1524135	2/16/2024 19:42	2/17/2024 9:00	797.32	0
1523269	2/16/2024 19:42	2/17/2024 9:00	797.32	0
1466357	2/16/2024 19:42	2/17/2024 9:00	797.32	0
24993	2/16/2024 19:42	2/17/2024 9:00	797.5	0
1393699	2/16/2024 19:42	2/17/2024 9:00	797.65	0
315380	2/16/2024 19:42	2/17/2024 9:00	797.5	0
418876	2/16/2024 19:42	2/17/2024 9:00	797.27	0
1093833	2/16/2024 19:42	2/17/2024 9:00	797.27	0
511223	2/16/2024 19:42	2/17/2024 9:00	797.27	0
1412757	2/16/2024 19:42	2/17/2024 9:00	797.65	0
1432827	2/16/2024 19:42	2/17/2024 9:00	797.32	0
1513240	2/16/2024 19:42	2/17/2024 9:00	797.32	0
552210	2/16/2024 19:43	2/17/2024 9:00	796.27	0
314899	2/16/2024 19:43	2/17/2024 9:00	796.5	0
320966	2/16/2024 19:43	2/17/2024 9:00	796.5	0
957216	2/16/2024 19:43	2/17/2024 9:00	796.1	0
1554218	2/16/2024 19:43	2/17/2024 9:00	796.32	0
197883	2/16/2024 19:43	2/17/2024 9:00	796.5	0
28509	2/16/2024 19:43	2/17/2024 9:00	796.5	0
506261	2/16/2024 19:43	2/17/2024 9:00	796.27	0
1638479	2/16/2024 19:43	2/17/2024 9:00	796.32	0
324249	2/16/2024 19:43	2/17/2024 9:00	796.5	0
953854	2/16/2024 19:43	2/17/2024 9:00	796.1	0
564518	2/16/2024 19:43	2/17/2024 9:00	796.27	0
1550815	2/16/2024 19:43	2/17/2024 9:00	796.32	0
1522810	2/16/2024 19:43	2/17/2024 9:00	796.32	0
1430644	2/16/2024 19:43	2/17/2024 9:00	796.32	0
8148103	2/16/2024 19:43	2/17/2024 9:00	796.5	0
1456419	2/16/2024 19:43	2/17/2024 9:00	796.32	0
6280623	2/16/2024 19:43	2/17/2024 9:00	796.5	0
274059	2/16/2024 19:43	2/17/2024 9:00	796.5	0

623871	2/16/2024 19:43	2/17/2024 9:00	796.27	0
1247921	2/16/2024 19:43	2/17/2024 9:00	796.28	0
1430294	2/16/2024 19:43	2/17/2024 9:00	796.32	0
1445317	2/16/2024 19:43	2/17/2024 9:00	796.32	0
277818	2/16/2024 19:43	2/17/2024 9:00	796.5	0
623069	2/16/2024 19:43	2/17/2024 9:00	796.27	0
1432940	2/16/2024 19:43	2/17/2024 7:52	729	0
315604	2/16/2024 19:43	2/17/2024 9:00	796.5	0
449036	2/16/2024 19:43	2/17/2024 9:00	796.27	0
328408	2/16/2024 19:43	2/17/2024 9:00	796.5	0
510522	2/16/2024 19:43	2/17/2024 9:00	796.27	0
280173	2/16/2024 19:43	2/17/2024 9:00	796.5	0
1624452	2/16/2024 19:43	2/17/2024 9:00	796.32	0
11176351	2/16/2024 19:43	2/17/2024 9:00	796.32	0
23462	2/16/2024 19:43	2/17/2024 9:00	796.5	0
500145	2/16/2024 19:43	2/17/2024 9:00	796.27	0
308959	2/16/2024 19:43	2/17/2024 9:00	796.5	0
29635	2/16/2024 19:43	2/17/2024 9:00	796.5	0
6995795	2/16/2024 19:43	2/17/2024 9:00	796.27	0
1546695	2/16/2024 19:43	2/17/2024 9:00	796.32	0
1511251	2/16/2024 19:43	2/17/2024 9:00	796.32	0
507365	2/16/2024 19:44	2/17/2024 9:00	795.27	0
68308	2/16/2024 19:44	2/17/2024 9:00	795.5	0
1417279	2/16/2024 19:44	2/17/2024 9:00	795.65	0
315730	2/16/2024 19:44	2/17/2024 9:00	795.5	0
664453	2/16/2024 19:44	2/17/2024 9:00	795.28	0
1450250	2/16/2024 19:44	2/17/2024 9:00	795.32	0
29748	2/16/2024 19:44	2/17/2024 9:00	795.5	0
1597556	2/16/2024 19:44	2/17/2024 9:00	795.32	0
2032900	2/16/2024 19:44	2/17/2024 9:00	795.65	0
324045	2/16/2024 19:44	2/17/2024 9:00	795.5	0
956968	2/16/2024 19:44	2/17/2024 9:00	795.1	0
1523524	2/16/2024 19:44	2/17/2024 9:00	795.32	0
1326407	2/16/2024 19:44	2/17/2024 9:00	795.65	0
956125	2/16/2024 19:44	2/17/2024 9:00	795.1	0
8495802	2/16/2024 19:44	2/17/2024 9:00	795.32	0
610737	2/16/2024 19:44	2/17/2024 9:00	795.27	0
26921	2/16/2024 19:44	2/17/2024 9:00	795.5	0
523489	2/16/2024 19:44	2/17/2024 9:00	795.5	0
70866	2/16/2024 19:44	2/17/2024 9:00	795.5	0
1522511	2/16/2024 19:44	2/17/2024 9:00	795.32	0
1320646	2/16/2024 19:45	2/17/2024 9:00	794.65	0
27483	2/16/2024 19:45	2/17/2024 9:00	794.5	0
25066	2/16/2024 19:45	2/17/2024 9:00	794.5	0
4173986	2/16/2024 19:45	2/17/2024 9:00	794.5	0
196965	2/16/2024 19:45	2/17/2024 9:00	794.5	0
1513398	2/16/2024 19:45	2/17/2024 9:00	794.32	0

1582130	2/16/2024 19:45	2/17/2024 9:00	794.32	0
645339	2/16/2024 19:45	2/17/2024 9:00	794.27	0
10013697	2/16/2024 19:45	2/17/2024 9:00	794.32	0
323747	2/16/2024 19:45	2/17/2024 9:00	794.5	0
280749	2/16/2024 19:45	2/17/2024 9:00	794.5	0
265955	2/16/2024 19:45	2/17/2024 9:00	794.5	0
316997	2/16/2024 19:45	2/17/2024 9:00	794.5	0
10659831	2/16/2024 19:45	2/17/2024 9:00	794.32	0
562727	2/16/2024 19:45	2/17/2024 9:00	794.27	0
12378019	2/16/2024 19:45	2/17/2024 9:00	794.5	0
381338	2/16/2024 19:45	2/17/2024 9:00	794.27	0
8486022	2/16/2024 19:45	2/17/2024 9:00	794.32	0
664832	2/16/2024 19:45	2/17/2024 9:00	794.28	0
26864	2/16/2024 19:45	2/17/2024 9:00	794.5	0
47769	2/16/2024 19:45	2/17/2024 9:00	794.5	0
1379121	2/16/2024 19:46	2/17/2024 9:00	793.65	0
1453263	2/16/2024 19:46	2/17/2024 9:00	793.32	0
281235	2/16/2024 19:46	2/17/2024 9:00	793.5	0
67738	2/16/2024 19:46	2/17/2024 9:00	793.5	0
1467272	2/16/2024 19:46	2/17/2024 8:38	772	0
34905	2/16/2024 19:46	2/17/2024 9:00	793.5	0
1433348	2/16/2024 19:46	2/17/2024 7:56	730	0
1522642	2/16/2024 19:46	2/17/2024 9:00	793.32	0
511266	2/16/2024 19:46	2/17/2024 9:00	793.27	0
281332	2/16/2024 19:46	2/17/2024 9:00	793.5	0
975066	2/16/2024 19:46	2/17/2024 9:00	793.1	0
21306	2/16/2024 19:46	2/17/2024 9:00	793.5	0
23516	2/16/2024 19:46	2/17/2024 9:00	793.5	0
1430553	2/16/2024 19:46	2/17/2024 9:00	793.32	0
574596	2/16/2024 19:46	2/17/2024 9:00	793.27	0
1310926	2/16/2024 19:46	2/17/2024 9:00	793.65	0
1555376	2/16/2024 19:46	2/17/2024 9:00	793.32	0
1515733	2/16/2024 19:46	2/17/2024 9:00	793.32	0
319279	2/16/2024 19:47	2/17/2024 8:05	738	0
317084	2/16/2024 19:47	2/17/2024 9:00	792.5	0
21820	2/16/2024 19:47	2/17/2024 9:00	792.5	0
69207	2/16/2024 19:47	2/17/2024 9:00	792.5	0
1538577	2/16/2024 19:47	2/17/2024 9:00	792.32	0
623612	2/16/2024 19:47	2/17/2024 9:00	792.27	0
309961	2/16/2024 19:47	2/17/2024 9:00	792.5	0
315616	2/16/2024 19:47	2/17/2024 9:00	792.5	0
1417138	2/16/2024 19:47	2/17/2024 9:00	792.65	0
445867	2/16/2024 19:47	2/17/2024 9:00	792.27	0
189581	2/16/2024 19:47	2/17/2024 9:00	792.5	0
8950281	2/16/2024 19:47	2/17/2024 9:00	792.5	0
336103	2/16/2024 19:47	2/17/2024 9:00	792.5	0
1510475	2/16/2024 19:47	2/17/2024 9:00	792.32	0

280364	2/16/2024 19:47	2/17/2024 9:00	792.5	0
1556434	2/16/2024 19:48	2/17/2024 9:00	791.32	0
353082	2/16/2024 19:48	2/17/2024 9:00	791.5	0
1494722	2/16/2024 19:48	2/17/2024 9:00	791.65	0
660265	2/16/2024 19:48	2/17/2024 9:00	791.28	0
562856	2/16/2024 19:48	2/17/2024 9:00	791.27	0
601397	2/16/2024 19:48	2/17/2024 9:00	791.27	0
70277	2/16/2024 19:48	2/17/2024 9:00	791.5	0
174362	2/16/2024 19:48	2/17/2024 9:00	791.5	0
627289	2/16/2024 19:48	2/17/2024 9:00	791.27	0
169731	2/16/2024 19:48	2/17/2024 9:00	791.5	0
1552154	2/16/2024 19:48	2/17/2024 9:00	791.32	0
1349502	2/16/2024 19:48	2/17/2024 8:08	740	0
1493132	2/16/2024 19:48	2/17/2024 9:00	791.65	0
1664433	2/16/2024 19:48	2/17/2024 9:00	791.28	0
30471	2/16/2024 19:48	2/17/2024 9:00	791.5	0
197356	2/16/2024 19:49	2/17/2024 9:00	790.5	0
381982	2/16/2024 19:49	2/17/2024 9:00	790.27	0
51957	2/16/2024 19:49	2/17/2024 9:00	790.5	0
10393495	2/16/2024 19:49	2/17/2024 9:00	790.5	0
34887	2/16/2024 19:49	2/17/2024 9:00	790.5	0
1511532	2/16/2024 19:49	2/17/2024 9:00	790.32	0
509102	2/16/2024 19:49	2/17/2024 9:00	790.27	0
1641091	2/16/2024 19:49	2/17/2024 9:00	790.32	0
1584687	2/16/2024 19:49	2/17/2024 9:00	790.32	0
1551513	2/16/2024 19:49	2/17/2024 9:00	790.32	0
428411	2/16/2024 19:49	2/17/2024 9:00	790.27	0
561672	2/16/2024 19:49	2/17/2024 9:00	790.27	0
605186	2/16/2024 19:49	2/17/2024 9:00	790.27	0
1348976	2/16/2024 19:49	2/17/2024 9:00	790.65	0
926505	2/16/2024 19:49	2/17/2024 9:00	790.28	0
1516786	2/16/2024 19:49	2/17/2024 9:00	790.32	0
1565203	2/16/2024 19:49	2/17/2024 9:00	790.32	0
380057	2/16/2024 19:49	2/17/2024 9:00	790.27	0
276488	2/16/2024 19:49	2/17/2024 9:00	790.5	0
8495805	2/16/2024 19:49	2/17/2024 9:00	790.27	0
1555268	2/16/2024 19:50	2/17/2024 9:00	789.32	0
35442	2/16/2024 19:50	2/17/2024 9:00	789.5	0
274125	2/16/2024 19:50	2/17/2024 9:00	789.5	0
49209	2/16/2024 19:50	2/17/2024 9:00	789.5	0
852125	2/16/2024 19:50	2/17/2024 9:00	789.28	0
1430838	2/16/2024 19:50	2/17/2024 9:00	789.32	0
316630	2/16/2024 19:50	2/17/2024 9:00	789.5	0
1349083	2/16/2024 19:50	2/17/2024 9:00	789.65	0
1556243	2/16/2024 19:50	2/17/2024 9:00	789.32	0
9063373	2/16/2024 19:50	2/17/2024 9:00	789.65	0
10371797	2/16/2024 19:50	2/17/2024 9:00	789.5	0

24124	2/16/2024 19:50	2/17/2024 9:00	789.5	0
446329	2/16/2024 19:50	2/17/2024 9:00	789.27	0
1251782	2/16/2024 19:50	2/17/2024 9:00	789.28	0
859747	2/16/2024 19:50	2/17/2024 9:00	789.28	0
549370	2/16/2024 19:51	2/17/2024 9:00	788.27	0
68620	2/16/2024 19:51	2/17/2024 9:00	788.5	0
66685	2/16/2024 19:51	2/17/2024 9:00	788.5	0
313954	2/16/2024 19:51	2/17/2024 9:00	788.5	0
27443	2/16/2024 19:51	2/17/2024 9:00	788.5	0
624716	2/16/2024 19:51	2/17/2024 9:00	788.27	0
500322	2/16/2024 19:51	2/17/2024 9:00	788.27	0
1375642	2/16/2024 19:51	2/17/2024 9:00	788.65	0
281056	2/16/2024 19:51	2/17/2024 9:00	788.5	0
6714863	2/16/2024 19:51	2/17/2024 9:00	788.28	0
1351588	2/16/2024 19:51	2/17/2024 8:43	772	0
1464949	2/16/2024 19:51	2/17/2024 9:00	788.32	0
313731	2/16/2024 19:51	2/17/2024 9:00	788.5	0
8068454	2/16/2024 19:51	2/17/2024 9:00	788.27	0
346462	2/16/2024 19:52	2/17/2024 9:00	787.5	0
277301	2/16/2024 19:52	2/17/2024 9:00	787.5	0
314163	2/16/2024 19:52	2/17/2024 9:00	787.5	0
1638308	2/16/2024 19:57	2/17/2024 9:00	782.32	0
980870	2/16/2024 20:01	2/17/2024 9:00	778.1	0
280780	2/16/2024 20:07	2/17/2024 9:00	772.5	0
34832	2/16/2024 20:15	2/17/2024 9:00	764.5	0
449377	2/16/2024 20:26	2/16/2024 20:58	32	0
449377	2/16/2024 20:58	2/16/2024 21:14	16	0
11081884	2/16/2024 21:03	2/17/2024 9:00	716.5	0
449377	2/16/2024 21:14	2/16/2024 21:29	15	0
34613	2/16/2024 21:20	2/17/2024 9:00	699.5	0
449377	2/16/2024 21:29	2/16/2024 22:27	58	0
1416360	2/16/2024 22:07	2/17/2024 9:00	652.65	0
1415828	2/16/2024 22:09	2/17/2024 9:00	650.65	0
1414392	2/16/2024 22:09	2/17/2024 9:00	650.65	0
6828301	2/16/2024 22:18	2/17/2024 9:00	641.5	0
449377	2/16/2024 22:27	2/16/2024 23:14	47	0
449377	2/16/2024 23:14	2/16/2024 23:41	27	0
1350104	2/16/2024 23:29	2/17/2024 8:56	567	0
449377	2/16/2024 23:41	2/17/2024 0:44	63	0
449377	2/17/2024 0:44	2/17/2024 1:36	52	0
1349766	2/17/2024 0:54	2/17/2024 9:00	485.65	0
449377	2/17/2024 1:36	2/17/2024 2:18	42	0
449377	2/17/2024 2:18	2/17/2024 3:16	58	0
449377	2/17/2024 3:16	2/17/2024 3:37	21	0
449377	2/17/2024 3:37	2/17/2024 4:14	37	0
449377	2/17/2024 4:14	2/17/2024 4:50	36	0
449377	2/17/2024 4:50	2/17/2024 5:38	48	0

449377	2/17/2024 5:38	2/17/2024 6:51	73	0
449377	2/17/2024 6:51	2/17/2024 7:17	26	0
449377	2/17/2024 7:17	2/17/2024 7:59	42	0
1432940	2/17/2024 7:52	2/17/2024 9:00	67.32	0
1433348	2/17/2024 7:56	2/17/2024 9:00	63.32	0
449377	2/17/2024 7:59	2/17/2024 8:57	58	0
1272457	2/17/2024 8:01	2/17/2024 9:00	58.65	0
1535035	2/17/2024 8:03	2/17/2024 9:00	56.32	0
1535575	2/17/2024 8:05	2/17/2024 9:00	54.32	0
319279	2/17/2024 8:05	2/17/2024 9:00	54.5	0
1535026	2/17/2024 8:06	2/17/2024 9:00	53.32	0
1349502	2/17/2024 8:08	2/17/2024 9:00	51.65	0
1466638	2/17/2024 8:21	2/17/2024 9:00	38.32	0
733373	2/17/2024 8:34	2/17/2024 9:00	25.28	0
1467272	2/17/2024 8:38	2/17/2024 9:00	21.32	0
1463520	2/17/2024 8:38	2/17/2024 9:00	21.32	0
1469850	2/17/2024 8:39	2/17/2024 9:00	20.32	0
1469270	2/17/2024 8:42	2/17/2024 9:00	17.32	0
1351588	2/17/2024 8:43	2/17/2024 9:00	16.65	0
1350104	2/17/2024 8:56	2/17/2024 9:00	3.65	0
449377	2/17/2024 8:57	2/17/2024 9:00	2.27	0
664030	2/17/2024 9:00	2/18/2024 9:00	1439.28	0
8724096	2/17/2024 9:00	2/18/2024 9:00	1439.65	0
1333801	2/17/2024 9:00	2/18/2024 9:00	1439.65	0
1413046	2/17/2024 9:00	2/17/2024 10:19	79	0
280780	2/17/2024 9:00	2/18/2024 9:00	1439.5	0
1352388	2/17/2024 9:00	2/18/2024 9:00	1439.65	0
733373	2/17/2024 9:00	2/17/2024 10:30	90	0
445867	2/17/2024 9:00	2/18/2024 9:00	1439.27	0
7879030	2/17/2024 9:00	2/18/2024 9:00	1439.27	0
1516786	2/17/2024 9:00	2/18/2024 9:00	1439.32	0
953854	2/17/2024 9:00	2/18/2024 9:00	1439.1	0
1366197	2/17/2024 9:00	2/18/2024 9:00	1439.65	0
1516579	2/17/2024 9:00	2/18/2024 9:00	1439.32	0
574993	2/17/2024 9:00	2/17/2024 14:05	305	0
1394324	2/17/2024 9:00	2/17/2024 19:39	639	0
945898	2/17/2024 9:00	2/18/2024 9:00	1439.28	0
1469850	2/17/2024 9:00	2/17/2024 14:26	326	0
353728	2/17/2024 9:00	2/18/2024 9:00	1439.5	0
319279	2/17/2024 9:00	2/17/2024 19:56	656	0
1288420	2/17/2024 9:00	2/18/2024 9:00	1439.65	0
562202	2/17/2024 9:00	2/18/2024 9:00	1439.27	0
1453263	2/17/2024 9:00	2/18/2024 9:00	1439.32	0
8950281	2/17/2024 9:00	2/18/2024 9:00	1439.5	0
1565203	2/17/2024 9:01	2/17/2024 11:58	177	0
658177	2/17/2024 9:01	2/17/2024 19:36	635	0
723800	2/17/2024 9:01	2/18/2024 9:00	1438.28	0

1349502	2/17/2024 9:01	2/17/2024 14:10	309	0
1400258	2/17/2024 9:01	2/18/2024 9:00	1438.65	0
7937779	2/17/2024 9:06	2/17/2024 14:31	325	0
345752	2/17/2024 9:07	2/18/2024 9:00	1432.5	0
1348731	2/17/2024 9:07	2/18/2024 9:00	1432.65	0
10222019	2/17/2024 9:07	2/18/2024 9:00	1432.65	0
554089	2/17/2024 9:07	2/18/2024 9:00	1432.27	0
1466638	2/17/2024 9:08	2/17/2024 11:51	163	0
1513541	2/17/2024 9:08	2/18/2024 9:00	1431.32	0
1467272	2/17/2024 9:09	2/17/2024 10:12	63	0
1266649	2/17/2024 9:09	2/17/2024 11:10	121	0
1351588	2/17/2024 9:09	2/17/2024 14:14	305	0
1433348	2/17/2024 9:10	2/17/2024 19:35	625	0
1463520	2/17/2024 9:10	2/17/2024 14:25	315	0
1350104	2/17/2024 9:11	2/17/2024 14:12	301	0
1432940	2/17/2024 9:11	2/17/2024 19:52	641	0
1272457	2/17/2024 9:14	2/17/2024 18:25	551	0
1469270	2/17/2024 9:14	2/17/2024 14:28	314	0
1430838	2/17/2024 9:14	2/17/2024 11:47	153	0
1430553	2/17/2024 9:15	2/17/2024 11:47	152	0
1465703	2/17/2024 9:19	2/17/2024 11:50	151	0
9451810	2/17/2024 9:23	2/17/2024 19:50	627	0
324290	2/17/2024 9:24	2/17/2024 19:43	619	0
1348444	2/17/2024 9:24	2/17/2024 14:13	289	0
810130	2/17/2024 9:25	2/17/2024 19:45	620	0
1321605	2/17/2024 9:25	2/17/2024 11:41	136	0
8511623	2/17/2024 9:26	2/17/2024 19:51	625	0
1393699	2/17/2024 9:27	2/17/2024 19:41	614	0
1494722	2/17/2024 9:27	2/17/2024 19:47	620	0
1368745	2/17/2024 9:33	2/17/2024 14:17	284	0
501613	2/17/2024 9:35	2/17/2024 19:50	615	0
573050	2/17/2024 9:35	2/17/2024 11:51	136	0
1417138	2/17/2024 9:36	2/17/2024 19:40	604	0
320966	2/17/2024 9:38	2/17/2024 11:38	120	0
9063373	2/17/2024 9:47	2/17/2024 19:46	599	0
281235	2/17/2024 9:50	2/17/2024 11:37	107	0
1077082	2/17/2024 9:50	2/17/2024 10:06	16	0
1551510	2/17/2024 9:53	2/17/2024 19:25	572	0
10013697	2/17/2024 9:54	2/17/2024 19:36	582	0
1551513	2/17/2024 9:54	2/17/2024 19:37	583	0
1319739	2/17/2024 9:54	2/18/2024 9:00	1385.65	0
1469866	2/17/2024 9:54	2/17/2024 14:28	274	0
1320008	2/17/2024 9:55	2/17/2024 11:40	105	0
2032900	2/17/2024 9:55	2/17/2024 11:24	89	0
808829	2/17/2024 9:57	2/17/2024 19:54	597	0
1468500	2/17/2024 9:59	2/17/2024 14:27	268	0
49209	2/17/2024 10:01	2/17/2024 19:54	593	0

47769	2/17/2024 10:01	2/17/2024 19:54	593	0
1430294	2/17/2024 10:04	2/17/2024 11:50	106	0
1462990	2/17/2024 10:05	2/17/2024 18:44	519	0
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4173986	2/17/2024 10:06	2/17/2024 11:36	90	0
8972545	2/17/2024 10:07	2/17/2024 11:36	89	0
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1251782	2/17/2024 10:16	2/17/2024 19:49	573	0
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926657	2/17/2024 10:17	2/17/2024 10:33	16	0
1414392	2/17/2024 10:17	2/17/2024 18:46	509	0
277301	2/17/2024 10:19	2/17/2024 11:38	79	0
1413046	2/17/2024 10:19	2/17/2024 10:24	5	0
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274059	2/17/2024 10:22	2/17/2024 11:35	73	0
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658658	2/17/2024 10:26	2/17/2024 19:32	546	0
656343	2/17/2024 10:26	2/17/2024 19:38	552	0
954637	2/17/2024 10:26	2/17/2024 18:58	512	0
954332	2/17/2024 10:27	2/17/2024 18:54	507	0
956968	2/17/2024 10:28	2/17/2024 19:24	536	0
733373	2/17/2024 10:30	2/17/2024 10:40	10	0
926657	2/17/2024 10:33	2/17/2024 11:32	59	0
801004	2/17/2024 10:35	2/17/2024 19:36	541	0
12370817	2/17/2024 10:35	2/17/2024 19:49	554	0
1672784	2/17/2024 10:35	2/18/2024 9:00	1344.27	0
1546695	2/17/2024 10:36	2/17/2024 19:46	550	0
1664433	2/17/2024 10:36	2/17/2024 11:09	33	0
1550815	2/17/2024 10:36	2/17/2024 19:16	520	0
800588	2/17/2024 10:37	2/17/2024 19:43	546	0
1701172	2/17/2024 10:38	2/17/2024 11:41	63	0
1310926	2/17/2024 10:39	2/17/2024 11:52	73	0
1445317	2/17/2024 10:39	2/17/2024 19:29	530	0
980398	2/17/2024 10:39	2/17/2024 11:32	53	0
800590	2/17/2024 10:40	2/18/2024 2:41	961	0
733373	2/17/2024 10:40	2/17/2024 11:33	53	0
800600	2/17/2024 10:40	2/17/2024 18:53	493	0

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1309098	2/17/2024 10:40	2/17/2024 11:54	74	0
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1573666	2/17/2024 10:44	2/17/2024 14:14	210	0
1019446	2/17/2024 10:45	2/17/2024 12:29	104	0
1430644	2/17/2024 10:46	2/17/2024 11:49	63	0
500173	2/17/2024 10:46	2/17/2024 19:43	537	0.78
51957	2/17/2024 10:47	2/17/2024 19:58	551	0.27
1514004	2/17/2024 10:48	2/17/2024 14:18	210	0
196408	2/17/2024 10:49	2/17/2024 19:44	535	0
8068454	2/17/2024 10:49	2/17/2024 20:00	551	0
1604432	2/17/2024 10:49	2/17/2024 14:37	228	0
195839	2/17/2024 10:51	2/17/2024 19:44	533	0
1524033	2/17/2024 10:51	2/17/2024 14:21	210	0.18
197883	2/17/2024 10:51	2/17/2024 19:46	535	0
197690	2/17/2024 10:52	2/17/2024 19:45	533	0
664453	2/17/2024 10:52	2/17/2024 11:08	16	0
1465882	2/17/2024 10:53	2/17/2024 11:51	58	0
1650561	2/17/2024 10:55	2/17/2024 14:25	210	0
1405290	2/17/2024 10:57	2/17/2024 19:51	534	0
21306	2/17/2024 10:57	2/17/2024 19:42	525	0
1378273	2/17/2024 10:57	2/17/2024 11:44	47	0
1378582	2/17/2024 10:57	2/17/2024 19:42	525	0
21820	2/17/2024 10:58	2/17/2024 19:52	534	0
980132	2/17/2024 11:00	2/17/2024 11:47	47	0
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1376158	2/17/2024 11:02	2/17/2024 11:44	42	0
1377926	2/17/2024 11:02	2/17/2024 11:43	41	0
449377	2/17/2024 11:03	2/17/2024 11:14	11	0
10393495	2/17/2024 11:03	2/17/2024 11:34	31	0
328113	2/17/2024 11:04	2/17/2024 11:46	42	0
274125	2/17/2024 11:06	2/17/2024 11:37	31	0
1412123	2/17/2024 11:06	2/17/2024 11:38	32	0
1431752	2/17/2024 11:06	2/17/2024 15:39	273	0
642003	2/17/2024 11:07	2/17/2024 11:38	31	0
1502969	2/17/2024 11:07	2/17/2024 11:33	26	0
664453	2/17/2024 11:08	2/17/2024 19:47	519	0
1664433	2/17/2024 11:09	2/17/2024 12:07	58	0
1433906	2/17/2024 11:09	2/17/2024 15:37	268	0
1266649	2/17/2024 11:10	2/17/2024 11:52	42	0
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449377	2/17/2024 11:14	2/17/2024 11:45	31	0
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926638	2/17/2024 11:16	2/17/2024 11:32	16	0
563721	2/17/2024 11:16	2/17/2024 19:35	499	0
456084	2/17/2024 11:16	2/17/2024 11:47	31	0
928438	2/17/2024 11:17	2/18/2024 9:00	1302.28	0

926503	2/17/2024 11:18	2/17/2024 11:34	16	0
456048	2/17/2024 11:18	2/17/2024 11:50	32	0
926505	2/17/2024 11:18	2/17/2024 11:34	16	0
1547710	2/17/2024 11:18	2/17/2024 11:50	32	0
1518000	2/17/2024 11:22	2/17/2024 14:26	184	0
2032900	2/17/2024 11:24	2/17/2024 11:40	16	0
1547752	2/17/2024 11:24	2/17/2024 11:50	26	0
571143	2/17/2024 11:24	2/17/2024 11:40	16	0
1385431	2/17/2024 11:24	2/17/2024 19:38	494	0
957615	2/17/2024 11:26	2/17/2024 13:27	121	0
1493766	2/17/2024 11:27	2/17/2024 19:46	499	0
416557	2/17/2024 11:30	2/17/2024 19:38	488	0
252922	2/17/2024 11:30	2/17/2024 19:38	488	0
251248	2/17/2024 11:32	2/17/2024 19:35	483	0
926638	2/17/2024 11:32	2/17/2024 19:40	488	0
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277818	2/17/2024 11:33	2/17/2024 12:37	64	0
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733373	2/17/2024 11:33	2/17/2024 12:31	58	0
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926503	2/17/2024 11:34	2/17/2024 19:42	488	0
276488	2/17/2024 11:34	2/17/2024 12:37	63	0
8495805	2/17/2024 11:34	2/17/2024 14:48	194	0
926505	2/17/2024 11:34	2/17/2024 19:52	498	0
274059	2/17/2024 11:35	2/17/2024 12:43	68	0
859747	2/17/2024 11:35	2/17/2024 12:06	31	0
8972545	2/17/2024 11:36	2/17/2024 14:50	194	0
4173986	2/17/2024 11:36	2/17/2024 12:34	58	0
281235	2/17/2024 11:37	2/17/2024 12:35	58	0
274125	2/17/2024 11:37	2/17/2024 12:35	58	0
1093833	2/17/2024 11:37	2/17/2024 14:57	200	0
642003	2/17/2024 11:38	2/17/2024 12:10	32	0
320966	2/17/2024 11:38	2/17/2024 11:49	11	0
1412123	2/17/2024 11:38	2/17/2024 12:19	41	0
860281	2/17/2024 11:38	2/17/2024 12:04	26	0
277301	2/17/2024 11:38	2/17/2024 12:35	57	0
1307027	2/17/2024 11:40	2/17/2024 11:55	15	0
1320008	2/17/2024 11:40	2/17/2024 11:56	16	0
571143	2/17/2024 11:40	2/17/2024 11:55	15	0
2032900	2/17/2024 11:40	2/17/2024 11:55	15	0
1190246	2/17/2024 11:41	2/17/2024 11:56	15	0
1321605	2/17/2024 11:41	2/17/2024 11:57	16	0
1701172	2/17/2024 11:41	2/17/2024 11:57	16	0
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1377926	2/17/2024 11:43	2/17/2024 11:59	16	0

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423814	2/17/2024 11:44	2/17/2024 20:06	502	0
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449377	2/17/2024 11:45	2/17/2024 12:32	47	0
315169	2/17/2024 11:46	2/17/2024 12:02	16	0
328113	2/17/2024 11:46	2/17/2024 15:45	239	0
980132	2/17/2024 11:47	2/17/2024 12:03	16	0
1430553	2/17/2024 11:47	2/17/2024 12:04	17	0
1430838	2/17/2024 11:47	2/17/2024 12:02	15	0
456084	2/17/2024 11:47	2/17/2024 12:19	32	0
980398	2/17/2024 11:48	2/17/2024 12:04	16	0
314188	2/17/2024 11:48	2/17/2024 12:04	16	0
1502969	2/17/2024 11:49	2/17/2024 12:05	16	0.03
320966	2/17/2024 11:49	2/17/2024 12:04	15	0
1343091	2/17/2024 11:49	2/17/2024 13:35	106	0
1430644	2/17/2024 11:49	2/17/2024 12:05	16	0
1465703	2/17/2024 11:50	2/17/2024 12:06	16	0
456048	2/17/2024 11:50	2/17/2024 12:16	26	0
1547752	2/17/2024 11:50	2/17/2024 12:21	31	0
1430294	2/17/2024 11:50	2/17/2024 12:05	15	0
1547710	2/17/2024 11:50	2/17/2024 12:22	32	0
1466638	2/17/2024 11:51	2/17/2024 12:06	15	0
573050	2/17/2024 11:51	2/17/2024 12:07	16	0
1342974	2/17/2024 11:51	2/17/2024 13:36	105	0
315730	2/17/2024 11:51	2/17/2024 12:07	16	0
1465882	2/17/2024 11:51	2/17/2024 12:07	16	0
1310926	2/17/2024 11:52	2/17/2024 12:24	32	0
1266649	2/17/2024 11:52	2/17/2024 12:07	15	0
1309098	2/17/2024 11:54	2/17/2024 12:31	37	0.08
2032900	2/17/2024 11:55	2/17/2024 12:53	58	0
571143	2/17/2024 11:55	2/17/2024 12:11	16	0
1307027	2/17/2024 11:55	2/17/2024 12:22	27	0
1190246	2/17/2024 11:56	2/17/2024 12:07	11	0
1320008	2/17/2024 11:56	2/17/2024 12:54	58	0
1321605	2/17/2024 11:57	2/17/2024 12:55	58	0
1701172	2/17/2024 11:57	2/17/2024 13:00	63	0
1565203	2/17/2024 11:58	2/17/2024 12:14	16	0
1377926	2/17/2024 11:59	2/17/2024 12:31	32	0
1503739	2/17/2024 11:59	2/17/2024 14:31	152	0
1378273	2/17/2024 12:00	2/17/2024 12:26	26	0
980870	2/17/2024 12:01	2/17/2024 14:33	152	0
8495802	2/17/2024 12:01	2/17/2024 14:17	136	0
1376158	2/17/2024 12:01	2/17/2024 12:28	27	0
315169	2/17/2024 12:02	2/17/2024 13:04	62	0
1430838	2/17/2024 12:02	2/17/2024 12:34	32	0
980132	2/17/2024 12:03	2/17/2024 12:18	15	0
860281	2/17/2024 12:04	2/17/2024 14:21	137	0

1430553	2/17/2024 12:04	2/17/2024 12:35	31	0
980398	2/17/2024 12:04	2/17/2024 14:04	120	0
314188	2/17/2024 12:04	2/17/2024 13:02	58	0
320966	2/17/2024 12:04	2/17/2024 15:08	184	0
1430294	2/17/2024 12:05	2/17/2024 12:31	26	0
1430644	2/17/2024 12:05	2/17/2024 12:31	26	0
1502969	2/17/2024 12:05	2/18/2024 9:00	1254.65	0.04
1466638	2/17/2024 12:06	2/17/2024 14:07	121	0
859747	2/17/2024 12:06	2/17/2024 14:23	137	0
1465703	2/17/2024 12:06	2/17/2024 14:23	137	0
315730	2/17/2024 12:07	2/17/2024 13:04	57	0
1190246	2/17/2024 12:07	2/18/2024 9:00	1252.65	0
1465882	2/17/2024 12:07	2/17/2024 19:38	451	0
573050	2/17/2024 12:07	2/17/2024 16:35	268	0
1266649	2/17/2024 12:07	2/17/2024 14:24	137	0
1664433	2/17/2024 12:07	2/17/2024 13:04	57	0
642003	2/17/2024 12:10	2/17/2024 14:21	131	0
571143	2/17/2024 12:11	2/17/2024 14:43	152	0
1565203	2/17/2024 12:14	2/17/2024 13:59	105	0
456048	2/17/2024 12:16	2/17/2024 14:17	121	0
980132	2/17/2024 12:18	2/17/2024 13:01	43	0
456084	2/17/2024 12:19	2/17/2024 14:19	120	0
1412123	2/17/2024 12:19	2/18/2024 9:00	1240.65	0
1547752	2/17/2024 12:21	2/18/2024 9:00	1238.32	0
1547710	2/17/2024 12:22	2/18/2024 9:00	1237.32	0
1307027	2/17/2024 12:22	2/17/2024 15:10	168	0
1310926	2/17/2024 12:24	2/17/2024 14:56	152	0
1378273	2/17/2024 12:26	2/17/2024 15:15	169	0
1376158	2/17/2024 12:28	2/17/2024 15:16	168	0
1019446	2/17/2024 12:29	2/17/2024 19:33	424	0
1430644	2/17/2024 12:31	2/18/2024 9:00	1228.32	0
1309098	2/17/2024 12:31	2/17/2024 14:52	141	0.01
1430294	2/17/2024 12:31	2/17/2024 13:03	32	0
733373	2/17/2024 12:31	2/17/2024 16:53	262	0
1377926	2/17/2024 12:31	2/17/2024 16:27	236	0
449377	2/17/2024 12:32	2/17/2024 13:20	48	0
1434316	2/17/2024 12:33	2/17/2024 14:34	121	0
1430838	2/17/2024 12:34	2/18/2024 9:00	1225.32	0
4173986	2/17/2024 12:34	2/17/2024 14:23	109	0
281235	2/17/2024 12:35	2/17/2024 14:20	105	0
277301	2/17/2024 12:35	2/17/2024 14:21	106	0
444688	2/17/2024 12:35	2/18/2024 9:00	1224.27	0
756553	2/17/2024 12:35	2/18/2024 9:00	1224.27	0
274125	2/17/2024 12:35	2/17/2024 14:20	105	0
1430553	2/17/2024 12:35	2/18/2024 9:00	1224.32	0
486880	2/17/2024 12:36	2/18/2024 9:00	1223.27	0
1434359	2/17/2024 12:36	2/17/2024 14:36	120	0

1412757	2/17/2024 12:36	2/17/2024 14:36	120	0
486985	2/17/2024 12:37	2/18/2024 9:00	1222.27	0
276488	2/17/2024 12:37	2/17/2024 14:22	105	0
277818	2/17/2024 12:37	2/17/2024 14:21	104	0
10393495	2/17/2024 12:37	2/17/2024 14:54	137	0
1413046	2/17/2024 12:41	2/17/2024 14:36	115	0
274059	2/17/2024 12:43	2/17/2024 14:32	109	0
2032900	2/17/2024 12:53	2/17/2024 13:56	63	0
1320008	2/17/2024 12:54	2/17/2024 14:13	79	0
1321605	2/17/2024 12:55	2/17/2024 13:42	47	0
811953	2/17/2024 12:58	2/17/2024 13:02	4	0
1701172	2/17/2024 13:00	2/17/2024 14:08	68	0
980132	2/17/2024 13:01	2/17/2024 14:14	73	0
314188	2/17/2024 13:02	2/17/2024 14:47	105	0
811953	2/17/2024 13:02	2/18/2024 9:00	1197.28	0
1430294	2/17/2024 13:03	2/17/2024 14:48	105	0
315730	2/17/2024 13:04	2/17/2024 14:49	105	0
1664433	2/17/2024 13:04	2/17/2024 13:35	31	0
315169	2/17/2024 13:04	2/17/2024 14:49	105	0
449377	2/17/2024 13:20	2/17/2024 13:46	26	0
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1664433	2/17/2024 13:35	2/17/2024 14:22	47	0
1343091	2/17/2024 13:35	2/18/2024 9:00	1164.65	0
1342974	2/17/2024 13:36	2/18/2024 9:00	1163.65	0
1321605	2/17/2024 13:42	2/17/2024 14:08	26	0
449377	2/17/2024 13:46	2/17/2024 15:26	100	0
1535035	2/17/2024 13:50	2/17/2024 15:51	121	0
1535575	2/17/2024 13:51	2/17/2024 14:07	16	0
1535026	2/17/2024 13:53	2/17/2024 15:54	121	0
2032900	2/17/2024 13:56	2/17/2024 14:12	16	0
1565203	2/17/2024 13:59	2/17/2024 14:14	15	0
1654064	2/17/2024 13:59	2/17/2024 14:30	31	0
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980398	2/17/2024 14:04	2/17/2024 14:14	10	0
574993	2/17/2024 14:05	2/17/2024 14:10	5	0
574596	2/17/2024 14:06	2/17/2024 14:36	30	0
1535575	2/17/2024 14:07	2/17/2024 15:52	105	0
1466638	2/17/2024 14:07	2/17/2024 14:23	16	0
1701172	2/17/2024 14:08	2/17/2024 14:24	16	0
1321605	2/17/2024 14:08	2/17/2024 14:24	16	0
1702936	2/17/2024 14:09	2/17/2024 14:25	16	0
1347943	2/17/2024 14:09	2/17/2024 14:25	16	0
574993	2/17/2024 14:10	2/17/2024 14:37	27	0
1349502	2/17/2024 14:10	2/17/2024 16:58	168	0
1349177	2/17/2024 14:10	2/17/2024 14:26	16	0
1346410	2/17/2024 14:11	2/17/2024 15:40	89	0

1348976	2/17/2024 14:11	2/17/2024 14:27	16	0
1349766	2/17/2024 14:11	2/17/2024 14:27	16	0
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1347024	2/17/2024 14:11	2/17/2024 14:27	16	0
1348044	2/17/2024 14:12	2/17/2024 14:28	16	0
1350104	2/17/2024 14:12	2/17/2024 16:55	163	0
1024182	2/17/2024 14:12	2/17/2024 19:22	310	0
2032900	2/17/2024 14:12	2/17/2024 14:28	16	0
1348444	2/17/2024 14:13	2/17/2024 18:25	252	0
1349083	2/17/2024 14:13	2/17/2024 14:28	15	0
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1347888	2/17/2024 14:13	2/17/2024 15:42	89	0
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1347949	2/17/2024 14:13	2/17/2024 14:23	10	0
980398	2/17/2024 14:14	2/17/2024 14:30	16	0
980132	2/17/2024 14:14	2/17/2024 14:30	16	0
1351588	2/17/2024 14:14	2/17/2024 16:57	163	0
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1346671	2/17/2024 14:15	2/17/2024 14:26	11	0
449036	2/17/2024 14:16	2/17/2024 14:32	16	0
8495802	2/17/2024 14:17	2/17/2024 14:33	16	0
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1368745	2/17/2024 14:17	2/17/2024 16:02	105	0
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274125	2/17/2024 14:20	2/17/2024 14:36	16	0
281235	2/17/2024 14:20	2/17/2024 19:40	320	0
860281	2/17/2024 14:21	2/17/2024 15:34	73	0
277818	2/17/2024 14:21	2/17/2024 15:35	74	0
601397	2/17/2024 14:21	2/17/2024 14:52	31	0
642003	2/17/2024 14:21	2/17/2024 14:37	16	0
1704232	2/17/2024 14:21	2/17/2024 14:32	11	0.01
277301	2/17/2024 14:21	2/17/2024 15:34	73	0
1524033	2/17/2024 14:21	2/17/2024 14:42	21	0.12
276488	2/17/2024 14:22	2/17/2024 15:36	74	0
1664433	2/17/2024 14:22	2/17/2024 15:20	58	0
1465703	2/17/2024 14:23	2/17/2024 14:39	16	0
1347949	2/17/2024 14:23	2/17/2024 15:42	79	0
1320008	2/17/2024 14:23	2/17/2024 14:39	16	0
1466638	2/17/2024 14:23	2/17/2024 14:39	16	0
859747	2/17/2024 14:23	2/17/2024 15:36	73	0
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1347943	2/17/2024 14:25	2/17/2024 15:39	74	0
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1702936	2/17/2024 14:25	2/17/2024 15:43	78	0
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1468500	2/17/2024 14:27	2/17/2024 14:43	16	0
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1349766	2/17/2024 14:27	2/17/2024 15:40	73	0
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2032900	2/17/2024 14:28	2/17/2024 14:38	10	0
1348044	2/17/2024 14:28	2/17/2024 15:41	73	0
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1654064	2/17/2024 14:30	2/17/2024 14:41	11	0
980398	2/17/2024 14:30	2/17/2024 15:02	32	0
980132	2/17/2024 14:30	2/17/2024 14:45	15	0
1565203	2/17/2024 14:30	2/17/2024 14:46	16	0
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1704232	2/17/2024 14:32	2/17/2024 19:47	315	0.06
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1434905	2/17/2024 14:34	2/17/2024 19:39	305	0

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1704779	2/17/2024 14:35	2/17/2024 19:39	304	0
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574596	2/17/2024 14:36	2/17/2024 19:51	315	0
1412757	2/17/2024 14:36	2/17/2024 15:18	42	0
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574993	2/17/2024 14:37	2/17/2024 14:42	5	0
642003	2/17/2024 14:37	2/17/2024 19:57	320	0
1604432	2/17/2024 14:37	2/17/2024 14:51	14	0
1435093	2/17/2024 14:38	2/17/2024 19:42	304	0
507365	2/17/2024 14:38	2/17/2024 14:54	16	0
2032900	2/17/2024 14:38	2/17/2024 19:27	289	0
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1641091	2/17/2024 14:38	2/17/2024 19:48	310	0
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1466638	2/17/2024 14:39	2/17/2024 15:21	42	0
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1463520	2/17/2024 14:40	2/17/2024 18:37	237	0
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1467272	2/17/2024 14:40	2/17/2024 19:39	299	0
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1469850	2/17/2024 14:42	2/17/2024 19:41	299	0
1524033	2/17/2024 14:42	2/17/2024 19:47	305	0
574993	2/17/2024 14:42	2/17/2024 14:53	11	0
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1466357	2/17/2024 14:43	2/17/2024 19:44	301	0
571143	2/17/2024 14:43	2/17/2024 19:48	305	0
1468500	2/17/2024 14:43	2/17/2024 19:57	314	0
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980870	2/17/2024 14:44	2/17/2024 19:35	291	0
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1431804	2/17/2024 14:48	2/17/2024 15:03	15	0
8495805	2/17/2024 14:48	2/17/2024 19:58	310	0
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315169	2/17/2024 14:49	2/17/2024 19:49	300	0
315730	2/17/2024 14:49	2/17/2024 19:48	299	0
330528	2/17/2024 14:50	2/17/2024 19:33	283	0
926657	2/17/2024 14:50	2/17/2024 19:45	295	0
8972545	2/17/2024 14:50	2/17/2024 19:49	299	0
1604432	2/17/2024 14:51	2/17/2024 19:50	299	0
511266	2/17/2024 14:51	2/17/2024 19:50	299	0
1309098	2/17/2024 14:52	2/17/2024 19:41	289	0
510307	2/17/2024 14:52	2/17/2024 19:45	293	0
601397	2/17/2024 14:52	2/17/2024 19:57	305	0
1432827	2/17/2024 14:52	2/17/2024 15:07	15	0
1518000	2/17/2024 14:52	2/17/2024 19:46	294	0
574993	2/17/2024 14:53	2/17/2024 14:58	5	0
507365	2/17/2024 14:54	2/17/2024 20:02	308	0
10393495	2/17/2024 14:54	2/17/2024 20:44	350	0
1310926	2/17/2024 14:56	2/17/2024 19:55	299	0
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955448	2/17/2024 14:59	2/17/2024 19:32	273	0
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980398	2/17/2024 15:02	2/17/2024 19:14	252	0
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449036	2/17/2024 15:04	2/17/2024 19:47	283	0
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276488	2/17/2024 15:36	2/17/2024 19:53	257	0
859747	2/17/2024 15:36	2/17/2024 19:53	257	0
1466638	2/17/2024 15:36	2/17/2024 15:52	16	0
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1413046	2/17/2024 15:39	2/17/2024 16:06	27	0
1431752	2/17/2024 15:39	2/17/2024 19:41	242	0
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1349032	2/17/2024 15:40	2/17/2024 19:31	231	0
1347024	2/17/2024 15:40	2/17/2024 19:21	221	0
1346410	2/17/2024 15:40	2/17/2024 15:56	16	0
1348044	2/17/2024 15:41	2/17/2024 19:43	242	0
1347949	2/17/2024 15:42	2/17/2024 19:38	236	0
1347888	2/17/2024 15:42	2/17/2024 16:24	42	0
1349083	2/17/2024 15:42	2/17/2024 19:49	247	0
1702936	2/17/2024 15:43	2/17/2024 19:55	252	0
1346671	2/17/2024 15:44	2/17/2024 19:40	236	0
328113	2/17/2024 15:45	2/17/2024 19:46	241	0
1535035	2/17/2024 15:51	2/17/2024 19:42	231	0
1466638	2/17/2024 15:52	2/17/2024 19:33	221	0
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1535026	2/17/2024 15:54	2/17/2024 19:45	231	0
1346410	2/17/2024 15:56	2/17/2024 19:42	226	0
1368745	2/17/2024 16:02	2/17/2024 19:53	231	0
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1413046	2/17/2024 16:06	2/17/2024 16:11	5	0
317797	2/17/2024 16:07	2/17/2024 19:47	220	0
317233	2/17/2024 16:09	2/17/2024 19:49	220	0
1413046	2/17/2024 16:11	2/18/2024 9:00	1008.65	0
10433250	2/17/2024 16:13	2/17/2024 16:28	15	0
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663228	2/17/2024 16:27	2/17/2024 19:46	199	0
1377926	2/17/2024 16:27	2/17/2024 19:46	199	0
10433250	2/17/2024 16:28	2/17/2024 16:44	16	0
573050	2/17/2024 16:35	2/17/2024 19:44	189	0

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10433250	2/17/2024 16:44	2/17/2024 19:37	173	0
733373	2/17/2024 16:53	2/17/2024 22:32	339	0
1350104	2/17/2024 16:55	2/17/2024 19:54	179	0
1351588	2/17/2024 16:57	2/17/2024 19:50	173	0
1349502	2/17/2024 16:58	2/17/2024 19:41	163	0
449377	2/17/2024 17:42	2/17/2024 18:09	27	0
449377	2/17/2024 18:09	2/17/2024 19:38	89	0
314188	2/17/2024 18:13	2/18/2024 9:00	886.5	0
1266649	2/17/2024 18:20	2/18/2024 9:00	879.65	0
1347943	2/17/2024 18:21	2/18/2024 9:00	878.65	0
1512146	2/17/2024 18:23	2/17/2024 19:42	79	0
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1348444	2/17/2024 18:25	2/18/2024 9:00	874.65	0
1272457	2/17/2024 18:31	2/18/2024 4:47	616	0
1602693	2/17/2024 18:33	2/18/2024 9:00	866.32	0
1020565	2/17/2024 18:36	2/18/2024 9:00	863.1	0
1463520	2/17/2024 18:37	2/18/2024 8:13	816	0
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1414392	2/17/2024 18:46	2/18/2024 9:00	853.65	0
800600	2/17/2024 18:53	2/18/2024 9:00	846.28	0
954332	2/17/2024 18:54	2/18/2024 9:00	845.1	0
954637	2/17/2024 18:58	2/18/2024 9:00	841.1	0
1431804	2/17/2024 19:10	2/18/2024 9:00	829.32	0
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1321605	2/17/2024 19:13	2/18/2024 9:00	826.65	0
980398	2/17/2024 19:14	2/18/2024 9:00	825.1	0
1412757	2/17/2024 19:15	2/18/2024 9:00	824.65	0
1503739	2/17/2024 19:15	2/18/2024 9:00	824.1	0
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1430294	2/17/2024 19:16	2/18/2024 9:00	823.32	0
1535575	2/17/2024 19:17	2/18/2024 8:05	768	0
1349177	2/17/2024 19:20	2/18/2024 9:00	819.65	0
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1347024	2/17/2024 19:21	2/18/2024 9:00	818.65	0
1024182	2/17/2024 19:22	2/18/2024 9:00	817.1	0
980132	2/17/2024 19:24	2/18/2024 9:00	815.1	0
956968	2/17/2024 19:24	2/18/2024 9:00	815.1	0
1551510	2/17/2024 19:25	2/18/2024 9:00	814.32	0
860281	2/17/2024 19:25	2/18/2024 9:00	814.28	0
2032900	2/17/2024 19:27	2/18/2024 9:00	812.65	0
1347888	2/17/2024 19:28	2/18/2024 9:00	811.65	0
1445317	2/17/2024 19:29	2/18/2024 9:00	810.32	0
1434359	2/17/2024 19:30	2/18/2024 9:00	809.32	0
160073	2/17/2024 19:30	2/18/2024 9:00	809.1	0
1654064	2/17/2024 19:30	2/18/2024 9:00	809.1	0

957216	2/17/2024 19:31	2/18/2024 9:00	808.1	0
1349032	2/17/2024 19:31	2/18/2024 9:00	808.65	0
658658	2/17/2024 19:32	2/18/2024 9:00	807.28	0
955448	2/17/2024 19:32	2/18/2024 9:00	807.1	0
956125	2/17/2024 19:32	2/18/2024 9:00	807.1	0
330528	2/17/2024 19:33	2/18/2024 9:00	806.5	0
1019446	2/17/2024 19:33	2/18/2024 9:00	806.1	0
1466638	2/17/2024 19:33	2/18/2024 8:23	770	0
1432827	2/17/2024 19:35	2/18/2024 9:00	804.32	0
1433348	2/17/2024 19:35	2/18/2024 7:55	740	0
1650561	2/17/2024 19:35	2/18/2024 9:00	804.1	0
251248	2/17/2024 19:35	2/18/2024 9:00	804.5	0
980870	2/17/2024 19:35	2/18/2024 9:00	804.1	0
7937779	2/17/2024 19:35	2/18/2024 9:00	804.65	0
563721	2/17/2024 19:35	2/18/2024 9:00	804.27	0
801004	2/17/2024 19:36	2/18/2024 9:00	803.28	0
10013697	2/17/2024 19:36	2/18/2024 9:00	803.32	0
658177	2/17/2024 19:36	2/18/2024 9:00	803.28	0
1551513	2/17/2024 19:37	2/18/2024 9:00	802.32	0
10433250	2/17/2024 19:37	2/18/2024 9:00	802.65	0
656343	2/17/2024 19:38	2/18/2024 9:00	801.28	0
252922	2/17/2024 19:38	2/18/2024 9:00	801.5	0
1378273	2/17/2024 19:38	2/18/2024 9:00	801.65	0
416557	2/17/2024 19:38	2/18/2024 9:00	801.27	0
1385431	2/17/2024 19:38	2/18/2024 9:00	801.65	0
1515964	2/17/2024 19:38	2/18/2024 9:00	801.32	0
1347949	2/17/2024 19:38	2/18/2024 9:00	801.65	0
1465703	2/17/2024 19:38	2/18/2024 9:00	801.32	0
1465882	2/17/2024 19:38	2/18/2024 9:00	801.32	0
449377	2/17/2024 19:38	2/17/2024 19:48	10	0
1567514	2/17/2024 19:38	2/18/2024 9:00	801.32	0
1020274	2/17/2024 19:39	2/18/2024 9:00	800.1	0
1701172	2/17/2024 19:39	2/18/2024 9:00	800.65	0
1704779	2/17/2024 19:39	2/18/2024 9:00	800.65	0
1467272	2/17/2024 19:39	2/18/2024 8:12	753	0
1434905	2/17/2024 19:39	2/18/2024 9:00	800.32	0
1394324	2/17/2024 19:39	2/18/2024 8:17	758	0
926638	2/17/2024 19:40	2/18/2024 9:00	799.28	0
281235	2/17/2024 19:40	2/18/2024 9:00	799.5	0
1417138	2/17/2024 19:40	2/18/2024 9:00	799.65	0
1346671	2/17/2024 19:40	2/18/2024 9:00	799.65	0
1093833	2/17/2024 19:40	2/18/2024 9:00	799.27	0
1020387	2/17/2024 19:40	2/18/2024 9:00	799.1	0
1431752	2/17/2024 19:41	2/18/2024 9:00	798.32	0
277818	2/17/2024 19:41	2/18/2024 9:00	798.5	0
1469850	2/17/2024 19:41	2/18/2024 7:53	732	0
1349502	2/17/2024 19:41	2/18/2024 7:57	736	0

1309098	2/17/2024 19:41	2/18/2024 9:00	798.65	0
1393699	2/17/2024 19:41	2/18/2024 9:00	798.65	0
1466415	2/17/2024 19:41	2/18/2024 9:00	798.32	0
1535035	2/17/2024 19:42	2/18/2024 8:03	741	0
1435093	2/17/2024 19:42	2/18/2024 9:00	797.32	0
1346410	2/17/2024 19:42	2/18/2024 9:00	797.65	0
21306	2/17/2024 19:42	2/18/2024 9:00	797.5	0
1523524	2/17/2024 19:42	2/18/2024 9:00	797.32	0
1378582	2/17/2024 19:42	2/18/2024 9:00	797.65	0
926503	2/17/2024 19:42	2/18/2024 9:00	797.28	0
1469866	2/17/2024 19:42	2/18/2024 9:00	797.32	0
1512146	2/17/2024 19:42	2/18/2024 9:00	797.32	0
324290	2/17/2024 19:43	2/18/2024 9:00	796.5	0
1567316	2/17/2024 19:43	2/18/2024 9:00	796.32	0
1555268	2/17/2024 19:43	2/18/2024 9:00	796.32	0
646026	2/17/2024 19:43	2/18/2024 9:00	796.27	0
1514004	2/17/2024 19:43	2/18/2024 0:48	305	0
500173	2/17/2024 19:43	2/18/2024 9:00	796.27	0
1348044	2/17/2024 19:43	2/18/2024 9:00	796.65	0
800588	2/17/2024 19:43	2/18/2024 9:00	796.28	0
1307027	2/17/2024 19:43	2/18/2024 9:00	796.65	0
510974	2/17/2024 19:44	2/18/2024 9:00	795.27	0
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1461375	2/17/2024 19:44	2/18/2024 9:00	795.32	0
573050	2/17/2024 19:44	2/18/2024 9:00	795.27	0
195839	2/17/2024 19:44	2/18/2024 9:00	795.5	0
1434316	2/17/2024 19:44	2/18/2024 9:00	795.32	0
196408	2/17/2024 19:44	2/18/2024 9:00	795.5	0
810130	2/17/2024 19:45	2/18/2024 9:00	794.28	0
456084	2/17/2024 19:45	2/18/2024 9:00	794.27	0
1535026	2/17/2024 19:45	2/18/2024 8:06	741	0
926657	2/17/2024 19:45	2/18/2024 9:00	794.28	0
1573666	2/17/2024 19:45	2/18/2024 9:00	794.32	0
510307	2/17/2024 19:45	2/18/2024 9:00	794.27	0
197690	2/17/2024 19:45	2/18/2024 9:00	794.5	0
663228	2/17/2024 19:46	2/18/2024 9:00	793.28	0
1377926	2/17/2024 19:46	2/18/2024 9:00	793.65	0
1518000	2/17/2024 19:46	2/18/2024 9:00	793.32	0
9063373	2/17/2024 19:46	2/18/2024 8:19	753	0
328113	2/17/2024 19:46	2/18/2024 8:58	792	0
1493766	2/17/2024 19:46	2/18/2024 9:00	793.65	0
197883	2/17/2024 19:46	2/18/2024 9:00	793.5	0
1546695	2/17/2024 19:46	2/18/2024 9:00	793.32	0
645339	2/17/2024 19:46	2/18/2024 9:00	793.27	0
8434548	2/17/2024 19:47	2/18/2024 9:00	792.5	0
317797	2/17/2024 19:47	2/18/2024 9:00	792.5	0
1349766	2/17/2024 19:47	2/18/2024 9:00	792.65	0

1704232	2/17/2024 19:47	2/18/2024 9:00	792.65	0
1524033	2/17/2024 19:47	2/18/2024 9:00	792.32	0
449036	2/17/2024 19:47	2/18/2024 9:00	792.27	0
664453	2/17/2024 19:47	2/18/2024 9:00	792.28	0
1494722	2/17/2024 19:47	2/18/2024 9:00	792.65	0
456048	2/17/2024 19:47	2/18/2024 9:00	792.27	0
12378019	2/17/2024 19:47	2/18/2024 9:00	792.5	0
571143	2/17/2024 19:48	2/18/2024 9:00	791.27	0
1375642	2/17/2024 19:48	2/18/2024 9:00	791.65	0
1641091	2/17/2024 19:48	2/18/2024 9:00	791.32	0
315730	2/17/2024 19:48	2/18/2024 9:00	791.5	0
449377	2/17/2024 19:48	2/17/2024 20:15	27	0
1433964	2/17/2024 19:48	2/18/2024 9:00	791.32	0
469018	2/17/2024 19:48	2/18/2024 9:00	791.27	0
315169	2/17/2024 19:49	2/18/2024 9:00	790.5	0
196965	2/17/2024 19:49	2/18/2024 9:00	790.5	0
1469270	2/17/2024 19:49	2/18/2024 7:56	727	0
1349083	2/17/2024 19:49	2/18/2024 9:00	790.65	0
8972545	2/17/2024 19:49	2/18/2024 9:00	790.27	0
1433906	2/17/2024 19:49	2/18/2024 9:00	790.32	0
1251782	2/17/2024 19:49	2/18/2024 9:00	790.28	0
1077082	2/17/2024 19:49	2/18/2024 9:00	790.27	0
12370817	2/17/2024 19:49	2/18/2024 9:00	790.27	0
317233	2/17/2024 19:49	2/18/2024 9:00	790.5	0
1416360	2/17/2024 19:50	2/18/2024 9:00	789.65	0
501613	2/17/2024 19:50	2/18/2024 9:00	789.27	0
9451810	2/17/2024 19:50	2/18/2024 9:00	789.5	0
511266	2/17/2024 19:50	2/18/2024 9:00	789.27	0
1604432	2/17/2024 19:50	2/18/2024 9:00	789.32	0
1351588	2/17/2024 19:50	2/18/2024 9:00	789.65	0
1405290	2/17/2024 19:51	2/18/2024 9:00	788.65	0
8511623	2/17/2024 19:51	2/18/2024 9:00	788.5	0
1376158	2/17/2024 19:51	2/18/2024 9:00	788.65	0
574596	2/17/2024 19:51	2/18/2024 9:00	788.27	0
277301	2/17/2024 19:51	2/18/2024 9:00	788.5	0
1514256	2/17/2024 19:51	2/18/2024 9:00	788.32	0
21820	2/17/2024 19:52	2/18/2024 9:00	787.5	0
1432940	2/17/2024 19:52	2/18/2024 7:53	721	0
320966	2/17/2024 19:52	2/18/2024 9:00	787.5	0
1576533	2/17/2024 19:52	2/18/2024 9:00	787.32	0
926505	2/17/2024 19:52	2/18/2024 9:00	787.28	0
1664433	2/17/2024 19:53	2/18/2024 9:00	786.28	0
276488	2/17/2024 19:53	2/18/2024 9:00	786.5	0
1368745	2/17/2024 19:53	2/18/2024 9:00	786.65	0
274059	2/17/2024 19:53	2/18/2024 9:00	786.5	0
1348976	2/17/2024 19:53	2/18/2024 9:00	786.65	0
1493132	2/17/2024 19:53	2/18/2024 9:00	786.65	0

8495802	2/17/2024 19:53	2/18/2024 9:00	786.32	0
859747	2/17/2024 19:53	2/18/2024 9:00	786.28	0
1350104	2/17/2024 19:54	2/18/2024 9:00	785.65	0
274125	2/17/2024 19:54	2/18/2024 9:00	785.5	0
47769	2/17/2024 19:54	2/18/2024 9:00	785.5	0
4173986	2/17/2024 19:54	2/18/2024 9:00	785.5	0
49209	2/17/2024 19:54	2/18/2024 9:00	785.5	0
808829	2/17/2024 19:54	2/18/2024 9:00	785.28	0
1310926	2/17/2024 19:55	2/18/2024 9:00	784.65	0
1702936	2/17/2024 19:55	2/18/2024 9:00	784.65	0
319279	2/17/2024 19:56	2/18/2024 8:06	730	0
1565203	2/17/2024 19:56	2/18/2024 8:34	758	0
197356	2/17/2024 19:56	2/18/2024 9:00	783.5	0
642003	2/17/2024 19:57	2/18/2024 9:00	782.27	0
251189	2/17/2024 19:57	2/18/2024 9:00	782.5	0
601397	2/17/2024 19:57	2/18/2024 9:00	782.27	0
1468500	2/17/2024 19:57	2/18/2024 9:00	782.32	0
51957	2/17/2024 19:58	2/18/2024 9:00	781.5	0
8495805	2/17/2024 19:58	2/18/2024 9:00	781.27	0
772378	2/17/2024 20:00	2/18/2024 9:00	779.27	0
8068454	2/17/2024 20:00	2/18/2024 9:00	779.27	0
507365	2/17/2024 20:02	2/18/2024 9:00	777.27	0
423814	2/17/2024 20:06	2/18/2024 9:00	773.27	0
449377	2/17/2024 20:15	2/17/2024 20:30	15	0
449377	2/17/2024 20:30	2/17/2024 20:56	26	0
10393495	2/17/2024 20:44	2/18/2024 9:00	735.5	0
449377	2/17/2024 20:56	2/17/2024 21:23	27	0
449377	2/17/2024 21:23	2/17/2024 22:36	73	0
733373	2/17/2024 22:32	2/18/2024 8:33	601	0
449377	2/17/2024 22:36	2/18/2024 0:32	116	0
449377	2/18/2024 0:32	2/18/2024 1:24	52	0
1514004	2/18/2024 0:48	2/18/2024 9:00	491.32	0
449377	2/18/2024 1:24	2/18/2024 2:11	47	0
449377	2/18/2024 2:11	2/18/2024 5:02	171	0
800590	2/18/2024 2:41	2/18/2024 9:00	378.28	0
1272457	2/18/2024 4:47	2/18/2024 7:59	192	0
449377	2/18/2024 5:02	2/18/2024 5:22	20	0
449377	2/18/2024 5:22	2/18/2024 5:49	27	0
449377	2/18/2024 5:49	2/18/2024 6:20	31	0
449377	2/18/2024 6:20	2/18/2024 7:07	47	0
449377	2/18/2024 7:07	2/18/2024 7:34	27	0
449377	2/18/2024 7:34	2/18/2024 8:21	47	0
1432940	2/18/2024 7:53	2/18/2024 9:00	66.32	0
1469850	2/18/2024 7:53	2/18/2024 9:00	66.32	0
1433348	2/18/2024 7:55	2/18/2024 9:00	64.32	0
1469270	2/18/2024 7:56	2/18/2024 9:00	63.32	0
1349502	2/18/2024 7:57	2/18/2024 9:00	62.65	0

1272457	2/18/2024 7:59	2/18/2024 9:00	60.65	0
1535035	2/18/2024 8:03	2/18/2024 9:00	56.32	0
1535575	2/18/2024 8:05	2/18/2024 9:00	54.32	0
319279	2/18/2024 8:06	2/18/2024 9:00	53.5	0
1535026	2/18/2024 8:06	2/18/2024 9:00	53.32	0
1467272	2/18/2024 8:12	2/18/2024 9:00	47.32	0
1463520	2/18/2024 8:13	2/18/2024 9:00	46.32	0
1394324	2/18/2024 8:17	2/18/2024 9:00	42.65	0
9063373	2/18/2024 8:19	2/18/2024 9:00	40.65	0
449377	2/18/2024 8:21	2/18/2024 8:37	16	0
1466638	2/18/2024 8:23	2/18/2024 9:00	36.32	0
733373	2/18/2024 8:33	2/18/2024 9:00	26.28	0
1565203	2/18/2024 8:34	2/18/2024 9:00	25.32	0
449377	2/18/2024 8:37	2/18/2024 9:00	22.27	0
328113	2/18/2024 8:58	2/18/2024 9:00	1.5	0
444688	2/18/2024 9:00	2/19/2024 9:00	1439.27	0
319279	2/18/2024 9:00	2/18/2024 19:24	624	0
8724096	2/18/2024 9:00	2/19/2024 9:00	1439.65	0
1366197	2/18/2024 9:00	2/19/2024 9:00	1439.65	0
733373	2/18/2024 9:00	2/18/2024 12:13	193	0
945898	2/18/2024 9:00	2/19/2024 9:00	1439.28	0
7879030	2/18/2024 9:00	2/19/2024 9:00	1439.27	0
1333801	2/18/2024 9:00	2/18/2024 11:21	141	0
1535575	2/18/2024 9:00	2/18/2024 19:38	638	0
7937779	2/18/2024 9:00	2/18/2024 14:28	328	0
10222019	2/18/2024 9:00	2/19/2024 9:00	1439.65	0
1288420	2/18/2024 9:00	2/19/2024 9:00	1439.65	0
562202	2/18/2024 9:00	2/19/2024 9:00	1439.27	0
953854	2/18/2024 9:00	2/19/2024 9:00	1439.1	0
554089	2/18/2024 9:00	2/19/2024 9:00	1439.27	0
859747	2/18/2024 9:00	2/18/2024 11:37	157	0
574993	2/18/2024 9:00	2/18/2024 10:08	68	0
1535026	2/18/2024 9:00	2/18/2024 19:49	649	0
1516786	2/18/2024 9:00	2/18/2024 14:27	327	0
664030	2/18/2024 9:00	2/18/2024 10:23	83	0
646026	2/18/2024 9:00	2/18/2024 14:53	353	0
353728	2/18/2024 9:00	2/18/2024 12:38	218	0
1394324	2/18/2024 9:00	2/18/2024 10:02	62	0
1352388	2/18/2024 9:00	2/19/2024 9:00	1439.65	0
860281	2/18/2024 9:00	2/18/2024 11:38	158	0
8950281	2/18/2024 9:00	2/19/2024 9:00	1439.5	0
1413046	2/18/2024 9:00	2/18/2024 11:33	153	0
1535035	2/18/2024 9:06	2/18/2024 19:52	646	0
1080954	2/18/2024 9:06	2/18/2024 14:24	318	0
1453263	2/18/2024 9:06	2/18/2024 10:57	111	0
1432940	2/18/2024 9:07	2/18/2024 19:53	646	0
1516579	2/18/2024 9:07	2/19/2024 9:00	1432.32	0

345752	2/18/2024 9:07	2/19/2024 9:00	1432.5	0
1433348	2/18/2024 9:08	2/18/2024 19:49	641	0
262048	2/18/2024 9:08	2/19/2024 9:00	1431.5	0
1348731	2/18/2024 9:08	2/19/2024 9:00	1431.65	0
1513541	2/18/2024 9:08	2/19/2024 9:00	1431.32	0
1467272	2/18/2024 9:09	2/18/2024 19:55	646	0
1469270	2/18/2024 9:10	2/18/2024 19:56	646	0
1469850	2/18/2024 9:11	2/18/2024 19:49	638	0
1565203	2/18/2024 9:11	2/18/2024 11:44	153	0
980398	2/18/2024 9:15	2/18/2024 15:17	362	0
1368745	2/18/2024 9:16	2/18/2024 19:51	635	0
1463520	2/18/2024 9:16	2/18/2024 19:50	634	0
1272457	2/18/2024 9:18	2/18/2024 14:32	314	0
1466638	2/18/2024 9:21	2/18/2024 14:04	283	0
1465703	2/18/2024 9:23	2/18/2024 14:06	283	0
324290	2/18/2024 9:24	2/18/2024 19:54	630	0
9451810	2/18/2024 9:24	2/18/2024 20:04	640	0
1321605	2/18/2024 9:24	2/18/2024 11:41	137	0
51957	2/18/2024 9:31	2/18/2024 20:08	637	4.59
1430838	2/18/2024 9:33	2/18/2024 19:52	619	0
1417138	2/18/2024 9:34	2/18/2024 19:53	619	0
1430553	2/18/2024 9:34	2/18/2024 19:48	614	0
1551510	2/18/2024 9:37	2/18/2024 19:51	614	0
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1077082	2/18/2024 9:47	2/18/2024 19:54	607	0
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1446401	2/18/2024 9:53	2/18/2024 11:38	105	0
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1461375	2/18/2024 9:55	2/18/2024 19:53	598	0.07
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1445317	2/18/2024 9:56	2/18/2024 11:41	105	0
1319739	2/18/2024 9:56	2/19/2024 9:00	1383.65	0
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276488	2/18/2024 10:06	2/18/2024 11:35	89	0
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1494722	2/18/2024 10:41	2/18/2024 19:55	554	0
1573666	2/18/2024 10:42	2/18/2024 19:56	554	0
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574993	2/18/2024 10:45	2/18/2024 10:55	10	0
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327693	2/18/2024 10:49	2/18/2024 11:20	31	0
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21306	2/18/2024 10:54	2/18/2024 11:56	62	0
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160073	2/18/2024 11:12	2/18/2024 14:27	195	0
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1604432	2/18/2024 11:18	2/18/2024 19:52	514	0
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1470854	2/18/2024 11:20	2/18/2024 14:09	169	0
329546	2/18/2024 11:20	2/18/2024 19:57	517	0
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1664433	2/18/2024 11:22	2/18/2024 13:07	105	0
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313269	2/18/2024 11:23	2/18/2024 11:54	31	0
328817	2/18/2024 11:23	2/18/2024 11:54	31	0.07
663228	2/18/2024 11:23	2/18/2024 19:52	509	0
1332906	2/18/2024 11:23	2/18/2024 14:37	194	0
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574993	2/18/2024 11:27	2/18/2024 11:37	10	0
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1415828	2/18/2024 11:37	2/18/2024 19:50	493	0
196965	2/18/2024 11:37	2/18/2024 14:35	178	0.52
105666	2/18/2024 11:37	2/18/2024 14:34	177	0
574993	2/18/2024 11:37	2/18/2024 11:42	5	0
1190246	2/18/2024 11:37	2/18/2024 12:56	79	0
859747	2/18/2024 11:37	2/18/2024 12:03	26	0
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852125	2/18/2024 11:37	2/18/2024 12:02	25	0
1093833	2/18/2024 11:38	2/18/2024 14:42	184	0
197883	2/18/2024 11:38	2/18/2024 14:36	178	0
1446401	2/18/2024 11:38	2/18/2024 11:58	20	0
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860281	2/18/2024 11:38	2/18/2024 12:05	27	0
277818	2/18/2024 11:38	2/18/2024 11:48	10	0
1413046	2/18/2024 11:38	2/18/2024 11:48	10	0
197356	2/18/2024 11:38	2/18/2024 14:39	181	0
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1320619	2/18/2024 11:39	2/18/2024 13:09	90	0
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197690	2/18/2024 11:39	2/18/2024 14:39	180	0
562856	2/18/2024 11:40	2/18/2024 12:53	73	0
8486022	2/18/2024 11:40	2/18/2024 11:56	16	0
1320008	2/18/2024 11:40	2/18/2024 14:38	178	0
380736	2/18/2024 11:40	2/18/2024 15:15	215	0
1309098	2/18/2024 11:41	2/18/2024 11:57	16	0.07
1445317	2/18/2024 11:41	2/18/2024 11:56	15	0
1310926	2/18/2024 11:41	2/18/2024 11:51	10	0
1320646	2/18/2024 11:41	2/18/2024 14:39	178	0

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1321605	2/18/2024 11:41	2/18/2024 14:40	179	0
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574993	2/18/2024 11:42	2/18/2024 11:52	10	0
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8910809	2/18/2024 11:42	2/18/2024 15:12	210	0
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380057	2/18/2024 11:43	2/18/2024 15:13	210	0
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169731	2/18/2024 11:43	2/18/2024 19:57	494	0
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1024182	2/18/2024 11:44	2/18/2024 12:00	16	0
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1020274	2/18/2024 11:47	2/18/2024 14:14	147	0.06
195839	2/18/2024 11:47	2/18/2024 14:51	184	0
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601397	2/18/2024 11:49	2/18/2024 14:21	152	0
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347230	2/18/2024 14:50	2/18/2024 19:49	299	0
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314350	2/18/2024 14:50	2/18/2024 20:00	310	0
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1394324	2/18/2024 14:51	2/18/2024 19:45	294	0
346347	2/18/2024 14:52	2/18/2024 20:07	315	0
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346135	2/18/2024 14:52	2/18/2024 19:57	305	0
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277301	2/18/2024 15:35	2/18/2024 20:00	265	0

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982457	2/18/2024 15:49	2/18/2024 19:34	225	0
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1466638	2/18/2024 15:52	2/18/2024 19:48	236	0
574993	2/18/2024 15:52	2/18/2024 15:58	6	0
1413046	2/18/2024 15:55	2/18/2024 16:06	11	0
2032900	2/18/2024 15:56	2/18/2024 19:42	226	0
574993	2/18/2024 15:58	2/18/2024 16:08	10	0
449377	2/18/2024 16:03	2/18/2024 16:08	5	0
1413046	2/18/2024 16:06	2/18/2024 16:11	5	0
574993	2/18/2024 16:08	2/18/2024 16:13	5	0
449377	2/18/2024 16:08	2/18/2024 17:11	63	0
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574993	2/18/2024 16:13	2/18/2024 16:24	11	0
574993	2/18/2024 16:24	2/18/2024 16:29	5	0
1377926	2/18/2024 16:28	2/18/2024 19:53	205	0
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449377	2/18/2024 17:11	2/18/2024 17:43	32	0
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8604423	2/18/2024 18:07	2/18/2024 19:52	105	0
449377	2/18/2024 18:40	2/18/2024 19:33	53	0
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319279	2/18/2024 19:24	2/19/2024 8:07	763	0

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956559	2/18/2024 19:36	2/19/2024 9:00	803.1	0
1020565	2/18/2024 19:36	2/19/2024 9:00	803.1	0
1466415	2/18/2024 19:36	2/19/2024 9:00	803.32	0
800600	2/18/2024 19:38	2/19/2024 9:00	801.28	0
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1019446	2/18/2024 19:39	2/19/2024 9:00	800.1	0
1431804	2/18/2024 19:40	2/19/2024 9:00	799.32	0
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1301644	2/18/2024 19:41	2/19/2024 9:00	798.65	0
160073	2/18/2024 19:41	2/19/2024 9:00	798.1	0
2032900	2/18/2024 19:42	2/19/2024 9:00	797.65	0
955448	2/18/2024 19:42	2/19/2024 9:00	797.1	0
1332906	2/18/2024 19:42	2/19/2024 9:00	797.65	0
952445	2/18/2024 19:43	2/19/2024 9:00	796.1	0
801004	2/18/2024 19:43	2/19/2024 9:00	796.28	0
1020274	2/18/2024 19:43	2/19/2024 9:00	796.1	0
1320008	2/18/2024 19:43	2/19/2024 9:00	796.65	0
449377	2/18/2024 19:43	2/18/2024 19:54	11	0
1503739	2/18/2024 19:43	2/19/2024 9:00	796.1	0
1446401	2/18/2024 19:43	2/19/2024 9:00	796.32	0
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852071	2/18/2024 19:44	2/19/2024 9:00	795.28	0
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1394324	2/18/2024 19:45	2/19/2024 9:00	794.65	0
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510307	2/18/2024 19:46	2/19/2024 9:00	793.27	0

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1378273	2/18/2024 19:47	2/19/2024 9:00	792.65	0
1513398	2/18/2024 19:47	2/19/2024 9:00	792.32	0
328817	2/18/2024 19:47	2/19/2024 9:00	792.5	0
956968	2/18/2024 19:47	2/19/2024 9:00	792.1	0
860281	2/18/2024 19:47	2/19/2024 9:00	792.28	0
380736	2/18/2024 19:47	2/19/2024 9:00	792.27	0
646026	2/18/2024 19:47	2/19/2024 9:00	792.27	0
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1430553	2/18/2024 19:48	2/19/2024 9:00	791.32	0
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588892	2/18/2024 19:48	2/19/2024 9:00	791.27	0
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956125	2/18/2024 19:48	2/19/2024 9:00	791.1	0
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1444636	2/18/2024 19:49	2/19/2024 9:00	790.32	0
1309098	2/18/2024 19:49	2/19/2024 9:00	790.65	0
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196408	2/18/2024 19:51	2/19/2024 9:00	788.5	0
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314188	2/18/2024 19:53	2/19/2024 9:00	786.5	0
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1614051	2/18/2024 19:53	2/19/2024 9:00	786.32	0
47769	2/18/2024 19:54	2/19/2024 9:00	785.5	0
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449377	2/18/2024 19:54	2/18/2024 20:04	10	0
315730	2/18/2024 19:54	2/19/2024 9:00	785.5	0
311322	2/18/2024 19:54	2/19/2024 9:00	785.5	0
1550815	2/18/2024 19:54	2/19/2024 9:00	785.32	0
506261	2/18/2024 19:54	2/19/2024 9:00	785.27	0
1077082	2/18/2024 19:54	2/19/2024 9:00	785.27	0
353082	2/18/2024 19:54	2/19/2024 9:00	785.5	0
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8486022	2/18/2024 19:54	2/19/2024 9:00	785.32	0
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317797	2/18/2024 19:55	2/19/2024 9:00	784.5	0
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574596	2/18/2024 19:55	2/19/2024 9:00	784.27	0
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67738	2/18/2024 19:56	2/19/2024 9:00	783.5	0
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547577	2/18/2024 19:56	2/19/2024 9:00	783.5	0
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327311	2/18/2024 19:56	2/19/2024 9:00	783.5	0
345394	2/18/2024 19:56	2/19/2024 9:00	783.5	0
859747	2/18/2024 19:56	2/19/2024 9:00	783.28	0

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1664433	2/18/2024 19:56	2/19/2024 9:00	783.28	0
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380057	2/18/2024 19:56	2/19/2024 9:00	783.27	0
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500322	2/18/2024 19:56	2/19/2024 9:00	783.27	0
329546	2/18/2024 19:57	2/19/2024 9:00	782.5	0
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1514004	2/18/2024 19:57	2/19/2024 9:00	782.32	0
1376158	2/18/2024 19:57	2/19/2024 8:16	739	0
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11081884	2/18/2024 19:57	2/19/2024 9:00	782.5	0
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348446	2/18/2024 19:57	2/19/2024 9:00	782.5	0
21820	2/18/2024 19:57	2/19/2024 9:00	782.5	0
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169731	2/18/2024 19:57	2/19/2024 9:00	782.5	0
1515733	2/18/2024 19:57	2/19/2024 9:00	782.32	0
601397	2/18/2024 19:57	2/19/2024 9:00	782.27	0
346135	2/18/2024 19:57	2/19/2024 9:00	782.5	0
311724	2/18/2024 19:58	2/19/2024 9:00	781.5	0
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1641091	2/18/2024 19:58	2/19/2024 9:00	781.32	0
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6583289	2/18/2024 19:58	2/19/2024 9:00	781.5	0
4173986	2/18/2024 19:58	2/19/2024 9:00	781.5	0
274125	2/18/2024 19:58	2/19/2024 9:00	781.5	0
562856	2/18/2024 19:59	2/19/2024 9:00	780.27	0
1471340	2/18/2024 19:59	2/19/2024 9:00	780.32	0
344958	2/18/2024 19:59	2/19/2024 9:00	780.5	0
1310926	2/18/2024 19:59	2/19/2024 9:00	780.65	0
197356	2/18/2024 19:59	2/19/2024 9:00	780.5	0
8495805	2/18/2024 19:59	2/19/2024 9:00	780.27	0
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308032	2/18/2024 19:59	2/19/2024 9:00	780.5	0
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509102	2/18/2024 19:59	2/19/2024 9:00	780.27	0
446329	2/18/2024 19:59	2/19/2024 9:00	780.27	0
1510338	2/18/2024 20:00	2/19/2024 9:00	779.32	0
570321	2/18/2024 20:00	2/19/2024 9:00	779.27	0
8068454	2/18/2024 20:00	2/19/2024 9:00	779.27	0

1493132	2/18/2024 20:00	2/19/2024 9:00	779.65	0
314350	2/18/2024 20:00	2/19/2024 9:00	779.5	0
277301	2/18/2024 20:00	2/19/2024 9:00	779.5	0
276488	2/18/2024 20:01	2/19/2024 9:00	778.5	0
10659831	2/18/2024 20:01	2/19/2024 9:00	778.32	0
308802	2/18/2024 20:01	2/19/2024 9:00	778.5	0
1552154	2/18/2024 20:01	2/19/2024 9:00	778.32	0
642003	2/18/2024 20:01	2/19/2024 9:00	778.27	0
189581	2/18/2024 20:03	2/19/2024 9:00	776.5	0
9063373	2/18/2024 20:03	2/19/2024 9:00	776.65	0
10714479	2/18/2024 20:03	2/19/2024 9:00	776.32	0
449377	2/18/2024 20:04	2/18/2024 20:52	48	0
1551513	2/18/2024 20:04	2/19/2024 9:00	775.32	0
9451810	2/18/2024 20:04	2/19/2024 9:00	775.5	0
1375642	2/18/2024 20:06	2/19/2024 9:00	773.65	0
346347	2/18/2024 20:07	2/19/2024 9:00	772.5	0
51957	2/18/2024 20:08	2/19/2024 9:00	771.5	0
353728	2/18/2024 20:10	2/19/2024 9:00	769.5	0
563241	2/18/2024 20:16	2/19/2024 9:00	763.27	0
658658	2/18/2024 20:23	2/19/2024 9:00	756.28	0
327693	2/18/2024 20:28	2/19/2024 9:00	751.5	0
8604423	2/18/2024 20:28	2/18/2024 20:55	27	0
274059	2/18/2024 20:40	2/19/2024 9:00	739.5	0
449377	2/18/2024 20:52	2/18/2024 21:34	42	0
8604423	2/18/2024 20:55	2/18/2024 21:16	21	0
8604423	2/18/2024 21:16	2/18/2024 21:21	5	0
8604423	2/18/2024 21:21	2/18/2024 22:03	42	0
447406	2/18/2024 21:21	2/19/2024 9:00	698.27	0
449377	2/18/2024 21:34	2/18/2024 21:49	15	0
449377	2/18/2024 21:49	2/18/2024 22:31	42	0
311452	2/18/2024 21:51	2/19/2024 9:00	668.5	0
8604423	2/18/2024 22:03	2/18/2024 22:50	47	0
449377	2/18/2024 22:31	2/18/2024 23:13	42	0
656343	2/18/2024 22:49	2/19/2024 9:00	610.28	0
8604423	2/18/2024 22:50	2/18/2024 23:48	58	0
733373	2/18/2024 22:57	2/19/2024 9:00	602.28	0
449377	2/18/2024 23:13	2/18/2024 23:57	44	0
8604423	2/18/2024 23:48	2/19/2024 0:09	21	0
449377	2/18/2024 23:57	2/19/2024 0:06	9	0
449377	2/19/2024 0:06	2/19/2024 0:43	37	0
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449377	2/19/2024 0:43	2/19/2024 1:25	42	0
1320619	2/19/2024 0:52	2/19/2024 9:00	487.65	0
980398	2/19/2024 1:21	2/19/2024 9:00	458.1	0
449377	2/19/2024 1:25	2/19/2024 2:22	57	0

8604423	2/19/2024 1:49	2/19/2024 2:31	42	0
449377	2/19/2024 2:22	2/19/2024 2:38	16	0
8604423	2/19/2024 2:31	2/19/2024 3:07	36	0
449377	2/19/2024 2:38	2/19/2024 2:59	21	0
449377	2/19/2024 2:59	2/19/2024 3:57	58	0
8604423	2/19/2024 3:07	2/19/2024 5:40	153	0
449377	2/19/2024 3:57	2/19/2024 5:10	73	0
326028	2/19/2024 4:25	2/19/2024 5:02	37	0
326028	2/19/2024 5:02	2/19/2024 9:00	237.5	0
449377	2/19/2024 5:10	2/19/2024 6:19	69	0
8604423	2/19/2024 5:40	2/19/2024 6:11	31	0
8604423	2/19/2024 6:11	2/19/2024 6:37	26	0
449377	2/19/2024 6:19	2/19/2024 7:01	42	0
8604423	2/19/2024 6:37	2/19/2024 7:14	37	0
449377	2/19/2024 7:01	2/19/2024 7:43	42	0
8604423	2/19/2024 7:14	2/19/2024 9:00	105.27	0
449377	2/19/2024 7:43	2/19/2024 9:00	76.27	0
1272457	2/19/2024 8:03	2/19/2024 9:00	56.65	0
319279	2/19/2024 8:07	2/19/2024 9:00	52.5	0
1445317	2/19/2024 8:11	2/19/2024 9:00	48.32	0
1376158	2/19/2024 8:16	2/19/2024 9:00	43.65	0
1432940	2/19/2024 8:23	2/19/2024 9:00	36.32	0
188639	2/19/2024 8:24	2/19/2024 9:00	35.5	0
25674	2/19/2024 8:25	2/19/2024 9:00	34.5	0
1433348	2/19/2024 8:25	2/19/2024 9:00	34.32	0
1466638	2/19/2024 8:26	2/19/2024 9:00	33.32	0
320000	2/19/2024 8:30	2/19/2024 9:00	29.5	0
34905	2/19/2024 8:40	2/19/2024 9:00	19.5	0
34613	2/19/2024 8:40	2/19/2024 9:00	19.5	0
27443	2/19/2024 8:41	2/19/2024 9:00	18.5	0
26921	2/19/2024 8:42	2/19/2024 9:00	17.5	0
24124	2/19/2024 8:45	2/19/2024 9:00	14.5	0
8511623	2/19/2024 8:58	2/19/2024 9:00	1.5	0
1366197	2/19/2024 9:00	2/20/2024 9:00	1439.65	0
664030	2/19/2024 9:00	2/20/2024 8:23	1403	0
1413046	2/19/2024 9:00	2/19/2024 10:02	62	0
953854	2/19/2024 9:00	2/20/2024 9:00	1439.1	0
1288420	2/19/2024 9:00	2/19/2024 10:12	72	0
1503739	2/19/2024 9:00	2/19/2024 18:24	564	0.72
444688	2/19/2024 9:00	2/20/2024 9:00	1439.27	0.01
811953	2/19/2024 9:00	2/20/2024 9:00	1439.28	0
10222019	2/19/2024 9:00	2/20/2024 9:00	1439.65	0
1352388	2/19/2024 9:00	2/20/2024 9:00	1439.65	0
1513541	2/19/2024 9:00	2/20/2024 9:00	1439.32	0
353728	2/19/2024 9:00	2/19/2024 10:15	75	0
562202	2/19/2024 9:00	2/20/2024 9:00	1439.27	0
7879030	2/19/2024 9:00	2/20/2024 9:00	1439.27	0

447406	2/19/2024 9:00	2/19/2024 16:21	441	0
980870	2/19/2024 9:00	2/19/2024 20:20	680	0
25674	2/19/2024 9:00	2/19/2024 10:10	70	0
1516786	2/19/2024 9:00	2/20/2024 9:00	1439.32	0
10714479	2/19/2024 9:00	2/20/2024 9:00	1439.32	0
262048	2/19/2024 9:00	2/19/2024 10:54	114	0
7937779	2/19/2024 9:00	2/19/2024 10:59	119	0
8724096	2/19/2024 9:00	2/20/2024 9:00	1439.65	0
319279	2/19/2024 9:00	2/19/2024 10:24	84	0
345752	2/19/2024 9:00	2/20/2024 9:00	1439.5	0
326028	2/19/2024 9:00	2/19/2024 11:14	134	0
1453263	2/19/2024 9:00	2/19/2024 10:55	115	0
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611567	2/19/2024 9:06	2/19/2024 11:38	152	0
1547710	2/19/2024 9:06	2/19/2024 11:33	147	0
519373	2/19/2024 9:06	2/19/2024 14:52	346	1.84
733373	2/19/2024 9:06	2/19/2024 17:20	494	0
1340791	2/19/2024 9:06	2/19/2024 11:38	152	0
1340760	2/19/2024 9:06	2/19/2024 11:43	157	0
1516579	2/19/2024 9:06	2/19/2024 10:51	105	0
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1348731	2/19/2024 9:07	2/20/2024 9:00	1432.65	0
121679	2/19/2024 9:07	2/19/2024 11:38	151	0.06
195163	2/19/2024 9:07	2/19/2024 19:58	651	0
574993	2/19/2024 9:07	2/19/2024 11:07	120	0
1333801	2/19/2024 9:08	2/19/2024 11:35	147	0
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8950281	2/19/2024 9:08	2/20/2024 9:00	1431.5	0
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611507	2/19/2024 9:10	2/19/2024 11:37	147	0
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980398	2/19/2024 9:13	2/19/2024 10:01	48	0
1272457	2/19/2024 9:16	2/19/2024 14:00	284	0
1432940	2/19/2024 9:21	2/19/2024 19:56	635	0
9451810	2/19/2024 9:22	2/19/2024 11:39	137	0.24
1321605	2/19/2024 9:23	2/19/2024 14:12	289	0
1433348	2/19/2024 9:23	2/19/2024 19:52	629	0
1190246	2/19/2024 9:25	2/19/2024 14:24	299	0
1393699	2/19/2024 9:26	2/19/2024 11:42	136	1.16
1494722	2/19/2024 9:29	2/19/2024 11:40	131	0.68
51957	2/19/2024 9:31	2/19/2024 14:31	300	3.25
1469270	2/19/2024 9:38	2/19/2024 11:39	121	0

317797	2/19/2024 9:38	2/19/2024 19:52	614	0
1469850	2/19/2024 9:39	2/19/2024 11:40	121	0
1466357	2/19/2024 9:39	2/19/2024 11:40	121	0
317233	2/19/2024 9:40	2/19/2024 19:48	608	0
29635	2/19/2024 9:40	2/19/2024 10:27	47	0
314188	2/19/2024 9:47	2/19/2024 10:03	16	0
320966	2/19/2024 9:47	2/19/2024 19:57	610	0
315169	2/19/2024 9:49	2/19/2024 10:05	16	0
315730	2/19/2024 9:49	2/19/2024 10:05	16	0
626477	2/19/2024 9:49	2/19/2024 11:08	79	0
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281235	2/19/2024 9:50	2/19/2024 11:35	105	0
859747	2/19/2024 9:50	2/19/2024 11:35	105	0
624716	2/19/2024 9:51	2/19/2024 11:05	74	0
1604432	2/19/2024 9:51	2/19/2024 16:56	425	2.79
1552154	2/19/2024 9:51	2/19/2024 11:52	121	0.49
860281	2/19/2024 9:52	2/19/2024 11:37	105	0
1265778	2/19/2024 9:52	2/19/2024 11:38	106	0
1320008	2/19/2024 9:53	2/19/2024 14:11	258	0
1310926	2/19/2024 9:54	2/19/2024 14:06	252	1.68
664453	2/19/2024 9:54	2/19/2024 11:54	120	0
1309098	2/19/2024 9:55	2/19/2024 14:12	257	2.71
1701172	2/19/2024 9:55	2/19/2024 14:07	252	0
189581	2/19/2024 9:58	2/19/2024 10:14	16	0
188639	2/19/2024 9:59	2/19/2024 10:09	10	0.01
34905	2/19/2024 9:59	2/19/2024 10:15	16	0
980398	2/19/2024 10:01	2/19/2024 13:45	224	0
69207	2/19/2024 10:02	2/19/2024 11:05	63	0
68620	2/19/2024 10:02	2/19/2024 11:05	63	0
1413046	2/19/2024 10:02	2/19/2024 10:07	5	0
47769	2/19/2024 10:03	2/19/2024 19:57	594	0
1430294	2/19/2024 10:03	2/19/2024 19:57	594	0.37
70866	2/19/2024 10:03	2/19/2024 13:33	210	0
314188	2/19/2024 10:03	2/19/2024 19:51	588	0
1650561	2/19/2024 10:03	2/19/2024 11:48	105	0
49209	2/19/2024 10:04	2/19/2024 20:02	598	0
605186	2/19/2024 10:04	2/19/2024 11:38	94	0
315730	2/19/2024 10:05	2/19/2024 19:58	593	1.83
315169	2/19/2024 10:05	2/19/2024 19:53	588	0
645339	2/19/2024 10:06	2/19/2024 19:54	588	0
1463218	2/19/2024 10:06	2/19/2024 11:20	74	0
506261	2/19/2024 10:07	2/19/2024 19:55	588	0.16
313269	2/19/2024 10:07	2/19/2024 19:59	592	0
1413046	2/19/2024 10:07	2/19/2024 10:18	11	0
8104722	2/19/2024 10:07	2/19/2024 19:59	592	0
1664433	2/19/2024 10:07	2/19/2024 10:49	42	0
1412757	2/19/2024 10:07	2/19/2024 10:49	42	0

1464949	2/19/2024 10:07	2/19/2024 11:20	73	0
316997	2/19/2024 10:07	2/19/2024 20:00	593	0
8486022	2/19/2024 10:08	2/19/2024 19:56	588	0
314899	2/19/2024 10:08	2/19/2024 19:50	582	0
6280623	2/19/2024 10:08	2/19/2024 19:51	583	0.08
1515733	2/19/2024 10:08	2/19/2024 11:37	89	0.82
1446401	2/19/2024 10:08	2/19/2024 19:51	583	0
601397	2/19/2024 10:08	2/19/2024 11:37	89	0
8148103	2/19/2024 10:08	2/19/2024 20:01	593	0.22
188639	2/19/2024 10:09	2/19/2024 14:29	260	1.56
1321750	2/19/2024 10:09	2/19/2024 10:25	16	0
8524544	2/19/2024 10:09	2/19/2024 19:57	588	0.12
324290	2/19/2024 10:09	2/19/2024 11:39	90	0
523489	2/19/2024 10:10	2/19/2024 19:59	589	1.25
1456419	2/19/2024 10:10	2/19/2024 19:54	584	0
25674	2/19/2024 10:10	2/19/2024 14:27	257	0
317084	2/19/2024 10:10	2/19/2024 19:58	588	0
23566	2/19/2024 10:10	2/19/2024 14:27	257	0
1466638	2/19/2024 10:11	2/19/2024 19:50	579	0
1288420	2/19/2024 10:12	2/19/2024 10:17	5	0
353082	2/19/2024 10:12	2/19/2024 14:14	242	0
189581	2/19/2024 10:14	2/19/2024 10:55	41	0
25066	2/19/2024 10:14	2/19/2024 14:31	257	0
353651	2/19/2024 10:15	2/19/2024 14:15	240	0
24124	2/19/2024 10:15	2/19/2024 11:12	57	0
34905	2/19/2024 10:15	2/19/2024 11:12	57	0
353728	2/19/2024 10:15	2/19/2024 20:34	619	0
449036	2/19/2024 10:16	2/19/2024 14:18	242	0.84
1288420	2/19/2024 10:17	2/19/2024 10:28	11	0
8495802	2/19/2024 10:17	2/19/2024 14:13	236	4.85
1413046	2/19/2024 10:18	2/19/2024 10:23	5	0
274059	2/19/2024 10:19	2/19/2024 11:38	79	0
1704232	2/19/2024 10:20	2/19/2024 19:52	572	1.46
9063373	2/19/2024 10:20	2/19/2024 11:36	76	0
793285	2/19/2024 10:21	2/19/2024 19:43	562	0
1394324	2/19/2024 10:22	2/19/2024 11:39	77	0
274125	2/19/2024 10:22	2/19/2024 11:38	76	0
1413046	2/19/2024 10:23	2/19/2024 10:49	26	0
8495805	2/19/2024 10:23	2/19/2024 11:52	89	0
6714863	2/19/2024 10:23	2/19/2024 20:00	577	0.24
11081884	2/19/2024 10:23	2/19/2024 19:57	574	0
2032900	2/19/2024 10:24	2/19/2024 10:56	32	0
319279	2/19/2024 10:24	2/19/2024 20:01	577	0
1524033	2/19/2024 10:25	2/19/2024 11:54	89	0.82
1321750	2/19/2024 10:25	2/19/2024 14:10	225	0
26864	2/19/2024 10:25	2/19/2024 10:57	32	0
790670	2/19/2024 10:26	2/19/2024 19:48	562	0

27443	2/19/2024 10:26	2/19/2024 15:15	289	0
1319739	2/19/2024 10:26	2/20/2024 9:00	1353.65	0
975066	2/19/2024 10:26	2/19/2024 19:53	567	0
160073	2/19/2024 10:26	2/19/2024 19:43	557	0
954637	2/19/2024 10:27	2/19/2024 14:29	242	0
26921	2/19/2024 10:27	2/19/2024 15:16	289	0.12
954332	2/19/2024 10:27	2/19/2024 14:29	242	0
29635	2/19/2024 10:27	2/19/2024 20:00	573	0
1288420	2/19/2024 10:28	2/19/2024 10:33	5	0
34832	2/19/2024 10:28	2/19/2024 10:44	16	0
35442	2/19/2024 10:29	2/19/2024 10:44	15	0
34887	2/19/2024 10:30	2/19/2024 10:40	10	0
314350	2/19/2024 10:31	2/19/2024 20:03	572	0
449377	2/19/2024 10:31	2/19/2024 10:46	15	0
1288420	2/19/2024 10:33	2/20/2024 9:00	1346.65	0
67738	2/19/2024 10:33	2/19/2024 11:58	85	0
312995	2/19/2024 10:34	2/19/2024 20:01	567	0
511266	2/19/2024 10:35	2/19/2024 19:57	562	0
101426	2/19/2024 10:36	2/19/2024 14:22	226	3.08
99953	2/19/2024 10:36	2/19/2024 14:22	226	0
96751	2/19/2024 10:37	2/19/2024 14:23	226	0
1520371	2/19/2024 10:37	2/19/2024 11:56	79	0
10659831	2/19/2024 10:38	2/19/2024 20:01	563	0
97730	2/19/2024 10:38	2/19/2024 14:23	225	0.58
507365	2/19/2024 10:39	2/19/2024 21:06	627	0
510307	2/19/2024 10:39	2/19/2024 19:45	546	0.42
646026	2/19/2024 10:39	2/19/2024 19:50	551	0
34887	2/19/2024 10:40	2/19/2024 10:56	16	0
1521655	2/19/2024 10:40	2/19/2024 11:53	73	0
1521914	2/19/2024 10:40	2/19/2024 11:53	73	0
27483	2/19/2024 10:41	2/19/2024 10:57	16	0
1654064	2/19/2024 10:42	2/19/2024 19:37	535	0
1019446	2/19/2024 10:43	2/19/2024 15:31	288	0.04
34832	2/19/2024 10:44	2/19/2024 11:00	16	0
29848	2/19/2024 10:44	2/19/2024 11:00	16	0
35442	2/19/2024 10:44	2/19/2024 11:00	16	0
1565203	2/19/2024 10:44	2/19/2024 11:42	58	0
6828301	2/19/2024 10:46	2/19/2024 15:16	270	0
449377	2/19/2024 10:46	2/19/2024 11:07	21	0
456048	2/19/2024 10:47	2/19/2024 11:03	16	0
852071	2/19/2024 10:47	2/19/2024 11:35	48	0
1415828	2/19/2024 10:47	2/19/2024 19:54	547	0
852125	2/19/2024 10:48	2/19/2024 11:35	47	0
456084	2/19/2024 10:48	2/19/2024 11:04	16	0
1414392	2/19/2024 10:48	2/19/2024 19:54	546	0
623871	2/19/2024 10:49	2/19/2024 11:20	31	0
1412757	2/19/2024 10:49	2/19/2024 11:05	16	0

1664433	2/19/2024 10:49	2/19/2024 12:49	120	0
197883	2/19/2024 10:49	2/19/2024 19:55	546	0
1704779	2/19/2024 10:49	2/19/2024 19:50	541	0
1413046	2/19/2024 10:49	2/19/2024 10:54	5	0
11176351	2/19/2024 10:50	2/19/2024 19:50	540	0
627289	2/19/2024 10:50	2/19/2024 11:06	16	0
1416360	2/19/2024 10:50	2/19/2024 20:01	551	0
971524	2/19/2024 10:50	2/19/2024 11:06	16	0
500173	2/19/2024 10:51	2/19/2024 14:21	210	4.38
627018	2/19/2024 10:51	2/19/2024 11:07	16	0
1519179	2/19/2024 10:51	2/19/2024 11:55	64	0.37
197690	2/19/2024 10:51	2/19/2024 19:52	541	0
1516579	2/19/2024 10:51	2/19/2024 10:56	5	0
195839	2/19/2024 10:52	2/19/2024 19:52	540	0.28
623612	2/19/2024 10:52	2/19/2024 11:18	26	0
623069	2/19/2024 10:52	2/19/2024 11:23	31	0
1320646	2/19/2024 10:52	2/19/2024 14:12	200	0
1320619	2/19/2024 10:52	2/19/2024 14:05	193	0
1321114	2/19/2024 10:53	2/19/2024 14:08	195	0
1093833	2/19/2024 10:54	2/19/2024 11:42	48	0
1413046	2/19/2024 10:54	2/19/2024 11:05	11	0
564518	2/19/2024 10:54	2/19/2024 11:42	48	0
196408	2/19/2024 10:54	2/19/2024 19:51	537	0
262048	2/19/2024 10:54	2/19/2024 19:50	536	2.69
345647	2/19/2024 10:55	2/19/2024 11:58	63	0
189581	2/19/2024 10:55	2/19/2024 11:11	16	0
1453263	2/19/2024 10:55	2/19/2024 19:56	541	0
30471	2/19/2024 10:55	2/19/2024 11:15	20	0
34887	2/19/2024 10:56	2/19/2024 11:11	15	0
1516579	2/19/2024 10:56	2/19/2024 11:07	11	0
28509	2/19/2024 10:56	2/19/2024 11:12	16	0
2032900	2/19/2024 10:56	2/19/2024 14:26	210	0
342796	2/19/2024 10:56	2/19/2024 11:59	63	0
1519715	2/19/2024 10:56	2/19/2024 11:56	60	0
26864	2/19/2024 10:57	2/19/2024 11:28	31	0
34613	2/19/2024 10:57	2/20/2024 9:00	1322.5	0
27483	2/19/2024 10:57	2/19/2024 11:13	16	0
1375642	2/19/2024 10:58	2/19/2024 14:16	198	0
1378273	2/19/2024 10:58	2/19/2024 19:47	529	0
259674	2/19/2024 10:58	2/19/2024 19:49	531	0
1493132	2/19/2024 10:58	2/19/2024 13:30	152	3.85
7937779	2/19/2024 10:59	2/19/2024 13:31	152	0
21820	2/19/2024 10:59	2/19/2024 14:13	194	0.9
346288	2/19/2024 10:59	2/19/2024 11:57	58	0
416557	2/19/2024 10:59	2/19/2024 19:49	530	0
29848	2/19/2024 11:00	2/19/2024 11:11	11	0.01
23462	2/19/2024 11:00	2/19/2024 19:50	530	0

1514004	2/19/2024 11:00	2/19/2024 11:47	47	0
34832	2/19/2024 11:00	2/19/2024 11:10	10	0
35442	2/19/2024 11:00	2/19/2024 11:14	14	0
563721	2/19/2024 11:01	2/19/2024 14:31	210	0
593798	2/19/2024 11:01	2/19/2024 11:17	16	0
593397	2/19/2024 11:02	2/19/2024 11:18	16	0.02
330485	2/19/2024 11:02	2/19/2024 11:33	31	0
1377926	2/19/2024 11:02	2/19/2024 13:28	146	0
329546	2/19/2024 11:03	2/19/2024 11:35	32	0
21306	2/19/2024 11:03	2/19/2024 14:11	188	0
456048	2/19/2024 11:03	2/19/2024 11:19	16	0
446329	2/19/2024 11:03	2/19/2024 14:33	210	0
445867	2/19/2024 11:03	2/19/2024 14:33	210	1.09
456084	2/19/2024 11:04	2/19/2024 11:20	16	0
624716	2/19/2024 11:05	2/19/2024 19:55	530	0.54
1413046	2/19/2024 11:05	2/19/2024 11:10	5	0
1412757	2/19/2024 11:05	2/19/2024 11:52	47	0
800590	2/19/2024 11:05	2/19/2024 14:06	181	0
69207	2/19/2024 11:05	2/19/2024 13:32	147	0
197356	2/19/2024 11:05	2/19/2024 20:01	536	0
68620	2/19/2024 11:05	2/19/2024 14:04	179	0
280173	2/19/2024 11:06	2/19/2024 11:47	41	0.39
6583289	2/19/2024 11:06	2/19/2024 11:32	26	0
971524	2/19/2024 11:06	2/19/2024 11:53	47	0
627289	2/19/2024 11:06	2/19/2024 11:53	47	0
281056	2/19/2024 11:06	2/19/2024 11:38	32	0
1516579	2/19/2024 11:07	2/19/2024 11:12	5	0
574993	2/19/2024 11:07	2/19/2024 11:13	6	0
627018	2/19/2024 11:07	2/19/2024 11:49	42	0
449377	2/19/2024 11:07	2/19/2024 12:10	63	0
801004	2/19/2024 11:07	2/19/2024 14:06	179	0
626477	2/19/2024 11:08	2/19/2024 19:47	519	0
196965	2/19/2024 11:08	2/19/2024 19:51	523	0.54
800600	2/19/2024 11:08	2/19/2024 14:06	178	0
34832	2/19/2024 11:10	2/19/2024 14:30	200	0
800588	2/19/2024 11:10	2/19/2024 14:08	178	0
381338	2/19/2024 11:10	2/19/2024 14:29	199	0
1413046	2/19/2024 11:10	2/19/2024 11:47	37	0
189581	2/19/2024 11:11	2/19/2024 14:31	200	0
29848	2/19/2024 11:11	2/19/2024 11:26	15	0.03
34887	2/19/2024 11:11	2/19/2024 14:26	195	0
956968	2/19/2024 11:11	2/19/2024 14:30	199	0
34905	2/19/2024 11:12	2/19/2024 11:28	16	0
955448	2/19/2024 11:12	2/19/2024 14:26	194	0
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24124	2/19/2024 11:12	2/19/2024 21:20	608	0
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957216	2/19/2024 11:12	2/19/2024 14:27	195	0
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1516579	2/19/2024 11:12	2/19/2024 11:22	10	0
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30471	2/19/2024 11:15	2/19/2024 11:26	11	0
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593397	2/19/2024 11:18	2/19/2024 19:52	514	0.29
926657	2/19/2024 11:18	2/19/2024 14:22	184	0
68308	2/19/2024 11:18	2/19/2024 11:49	31	0
623612	2/19/2024 11:18	2/19/2024 19:58	520	0
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9993412	2/19/2024 11:19	2/19/2024 11:30	11	0
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1464949	2/19/2024 11:20	2/19/2024 20:00	520	0
127206	2/19/2024 11:21	2/20/2024 9:00	1298.5	0
1516579	2/19/2024 11:22	2/19/2024 11:28	6	0
1683861	2/19/2024 11:22	2/19/2024 19:57	515	0.51
610737	2/19/2024 11:22	2/20/2024 9:00	1297.27	0
1641091	2/19/2024 11:22	2/19/2024 11:53	31	0
660265	2/19/2024 11:22	2/19/2024 13:23	121	0
1523524	2/19/2024 11:23	2/19/2024 12:31	68	0
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623069	2/19/2024 11:23	2/19/2024 19:52	509	0
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1385431	2/19/2024 11:25	2/19/2024 19:55	510	0
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29848	2/19/2024 11:26	2/19/2024 19:56	510	0.62
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26864	2/19/2024 11:28	2/19/2024 14:32	184	0
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1340395	2/19/2024 11:36	2/19/2024 12:07	31	0
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611507	2/19/2024 11:37	2/19/2024 11:52	15	0
1332906	2/19/2024 11:37	2/19/2024 12:09	32	0
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274059	2/19/2024 11:38	2/19/2024 14:20	162	0
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1394324	2/19/2024 11:39	2/19/2024 11:55	16	0
1469270	2/19/2024 11:39	2/19/2024 19:58	499	0
1494722	2/19/2024 11:40	2/19/2024 15:44	244	0.78
553863	2/19/2024 11:40	2/19/2024 12:38	58	0
1393633	2/19/2024 11:40	2/19/2024 14:44	184	1.16
1469850	2/19/2024 11:40	2/19/2024 19:50	490	0
1466357	2/19/2024 11:40	2/19/2024 14:41	181	0

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1565203	2/19/2024 11:42	2/19/2024 11:58	16	0
1093833	2/19/2024 11:42	2/19/2024 12:39	57	0
1393699	2/19/2024 11:42	2/19/2024 14:25	163	0.38
1340760	2/19/2024 11:43	2/19/2024 12:09	26	0
427715	2/19/2024 11:44	2/19/2024 13:45	121	0
1516579	2/19/2024 11:44	2/19/2024 14:11	147	0
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1413046	2/19/2024 11:47	2/19/2024 11:52	5	0
1514004	2/19/2024 11:47	2/19/2024 12:03	16	0
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1547710	2/19/2024 11:48	2/19/2024 12:04	16	0
6583289	2/19/2024 11:48	2/19/2024 12:19	31	0
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68308	2/19/2024 11:49	2/19/2024 19:52	483	0
66435	2/19/2024 11:49	2/19/2024 14:05	136	0
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330485	2/19/2024 11:49	2/19/2024 12:20	31	0
627018	2/19/2024 11:49	2/19/2024 14:22	153	0
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329546	2/19/2024 11:51	2/19/2024 12:22	31	0
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859747	2/19/2024 11:51	2/19/2024 12:33	42	0
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8495805	2/19/2024 11:52	2/19/2024 12:02	10	0
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1552154	2/19/2024 11:52	2/19/2024 12:08	16	0.09
971524	2/19/2024 11:53	2/19/2024 14:20	147	0
1265778	2/19/2024 11:53	2/19/2024 13:06	73	0
627289	2/19/2024 11:53	2/19/2024 14:20	147	0
624411	2/19/2024 11:53	2/20/2024 9:00	1266.27	0.04
1521914	2/19/2024 11:53	2/19/2024 14:25	152	0
1515733	2/19/2024 11:53	2/19/2024 12:09	16	0.05
121679	2/19/2024 11:53	2/19/2024 12:09	16	0
1641091	2/19/2024 11:53	2/19/2024 13:38	105	0
1521655	2/19/2024 11:53	2/19/2024 13:38	105	0
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611567	2/19/2024 11:54	2/19/2024 12:10	16	0
1524033	2/19/2024 11:54	2/19/2024 13:39	105	0.32
1394324	2/19/2024 11:55	2/19/2024 12:37	42	0

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1519715	2/19/2024 11:56	2/19/2024 13:41	105	0
1521509	2/19/2024 11:56	2/19/2024 13:37	101	0
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67738	2/19/2024 11:58	2/19/2024 19:58	480	0
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1547710	2/19/2024 12:04	2/20/2024 9:00	1255.32	0
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1551510	2/19/2024 12:07	2/19/2024 12:55	48	0
611507	2/19/2024 12:08	2/19/2024 12:40	32	0
1552154	2/19/2024 12:08	2/19/2024 12:55	47	0
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10013697	2/19/2024 12:09	2/19/2024 12:51	42	0
1332906	2/19/2024 12:09	2/19/2024 14:36	147	0
121679	2/19/2024 12:09	2/20/2024 9:00	1250.5	0
1340791	2/19/2024 12:09	2/20/2024 9:00	1250.65	0
1340760	2/19/2024 12:09	2/20/2024 9:00	1250.65	0
449377	2/19/2024 12:10	2/19/2024 13:13	63	0
611567	2/19/2024 12:10	2/19/2024 12:41	31	0
1565203	2/19/2024 12:13	2/19/2024 14:30	137	0
1650561	2/19/2024 12:14	2/20/2024 9:00	1245.1	0
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329546	2/19/2024 12:22	2/20/2024 9:00	1237.5	0
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1406910	2/19/2024 12:28	2/20/2024 9:00	1231.65	0
1404368	2/19/2024 12:28	2/20/2024 9:00	1231.65	0

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1405077	2/19/2024 12:30	2/20/2024 9:00	1229.65	0
1523524	2/19/2024 12:31	2/19/2024 13:39	68	0
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860281	2/19/2024 12:35	2/19/2024 14:20	105	0
1394467	2/19/2024 12:35	2/20/2024 9:00	1224.65	0
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1093833	2/19/2024 12:39	2/19/2024 14:24	105	0
9063373	2/19/2024 12:39	2/19/2024 13:53	74	0
611507	2/19/2024 12:40	2/20/2024 9:00	1219.27	0
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1394442	2/19/2024 12:40	2/20/2024 9:00	1219.65	0
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1553378	2/19/2024 12:50	2/19/2024 13:21	31	0
10013697	2/19/2024 12:51	2/19/2024 14:04	73	0
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1554056	2/19/2024 12:53	2/19/2024 13:51	58	0.3
1551510	2/19/2024 12:55	2/19/2024 14:08	73	0
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1515678	2/19/2024 13:03	2/20/2024 9:00	1196.32	0
1554218	2/19/2024 13:04	2/19/2024 13:36	32	0
1265778	2/19/2024 13:06	2/20/2024 9:00	1193.65	0
449377	2/19/2024 13:13	2/19/2024 13:50	37	0
281235	2/19/2024 13:20	2/19/2024 14:07	47	0
274125	2/19/2024 13:21	2/19/2024 14:19	58	0
1553378	2/19/2024 13:21	2/19/2024 13:53	32	0
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70866	2/19/2024 13:33	2/19/2024 14:05	32	0

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1521509	2/19/2024 13:37	2/19/2024 20:12	395	0
1641091	2/19/2024 13:38	2/19/2024 14:26	48	0
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427715	2/19/2024 13:45	2/19/2024 19:53	368	0
980398	2/19/2024 13:45	2/19/2024 16:12	147	0
449377	2/19/2024 13:50	2/19/2024 14:22	32	0
1554056	2/19/2024 13:51	2/19/2024 19:53	362	0.07
9063373	2/19/2024 13:53	2/19/2024 14:09	16	0
1553378	2/19/2024 13:53	2/19/2024 19:50	357	0
1394324	2/19/2024 13:56	2/19/2024 14:06	10	0
1272457	2/19/2024 14:00	2/19/2024 14:15	15	0
1554218	2/19/2024 14:02	2/19/2024 14:34	32	0
68620	2/19/2024 14:04	2/19/2024 14:20	16	0
10013697	2/19/2024 14:04	2/19/2024 14:20	16	0
69207	2/19/2024 14:04	2/19/2024 14:20	16	0
70866	2/19/2024 14:05	2/19/2024 19:56	351	0
66435	2/19/2024 14:05	2/19/2024 19:52	347	0
1320619	2/19/2024 14:05	2/19/2024 14:11	6	0
574993	2/19/2024 14:06	2/19/2024 14:11	5	0
1394324	2/19/2024 14:06	2/19/2024 14:22	16	0
800600	2/19/2024 14:06	2/19/2024 19:47	341	0
1310926	2/19/2024 14:06	2/19/2024 19:58	352	0
1551513	2/19/2024 14:06	2/19/2024 14:21	15	0
800590	2/19/2024 14:06	2/19/2024 19:43	337	0
801004	2/19/2024 14:06	2/19/2024 19:46	340	0
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1321114	2/19/2024 14:08	2/19/2024 14:39	31	0
1333801	2/19/2024 14:08	2/19/2024 14:24	16	0
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9063373	2/19/2024 14:09	2/19/2024 14:25	16	0
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1321750	2/19/2024 14:10	2/19/2024 19:46	336	0
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1320008	2/19/2024 14:11	2/19/2024 14:26	15	0

21306	2/19/2024 14:11	2/19/2024 14:42	31	0
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353651	2/19/2024 14:15	2/19/2024 14:30	15	0
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860281	2/19/2024 14:20	2/19/2024 14:51	31	0
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280173	2/19/2024 14:30	2/19/2024 14:51	21	0
34832	2/19/2024 14:30	2/19/2024 14:45	15	0
1565203	2/19/2024 14:30	2/19/2024 14:46	16	0
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563721	2/19/2024 14:31	2/19/2024 19:51	320	0
1573666	2/19/2024 14:31	2/19/2024 14:58	27	0
25066	2/19/2024 14:31	2/19/2024 20:02	331	0
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26864	2/19/2024 14:32	2/19/2024 15:30	58	0
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9063373	2/19/2024 14:35	2/19/2024 20:01	326	0
66588	2/19/2024 14:35	2/19/2024 14:51	16	0
68620	2/19/2024 14:35	2/19/2024 20:00	325	0.03
1395587	2/19/2024 14:35	2/19/2024 14:50	15	0
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274125	2/19/2024 14:36	2/19/2024 19:55	319	0
69207	2/19/2024 14:36	2/19/2024 20:06	330	0
274059	2/19/2024 14:36	2/19/2024 19:56	320	0
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627289	2/19/2024 14:36	2/19/2024 19:56	320	0
971524	2/19/2024 14:36	2/19/2024 19:50	314	0

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627018	2/19/2024 14:37	2/19/2024 19:52	315	0
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1394324	2/19/2024 14:38	2/19/2024 19:58	320	0
276488	2/19/2024 14:38	2/19/2024 20:03	325	0.29
1320646	2/19/2024 14:38	2/19/2024 19:53	315	0
1701172	2/19/2024 14:38	2/19/2024 19:43	305	0
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1321114	2/19/2024 14:39	2/19/2024 19:44	305	0
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198082	2/19/2024 14:39	2/19/2024 19:54	315	0
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1405153	2/19/2024 14:41	2/19/2024 19:50	309	0
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1393633	2/19/2024 14:44	2/19/2024 19:54	310	0
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1378582	2/19/2024 14:45	2/19/2024 15:43	58	0
34832	2/19/2024 14:45	2/19/2024 19:55	310	0
1514004	2/19/2024 14:45	2/19/2024 19:55	310	0
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860281	2/19/2024 14:51	2/19/2024 19:50	299	0
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1412757	2/19/2024 14:51	2/19/2024 19:50	299	0
10013697	2/19/2024 14:51	2/19/2024 19:56	305	0
1421188	2/19/2024 14:51	2/19/2024 20:01	310	0
66588	2/19/2024 14:51	2/19/2024 19:50	299	0
1516579	2/19/2024 14:52	2/19/2024 14:58	6	0
1551513	2/19/2024 14:52	2/19/2024 20:02	310	0
281056	2/19/2024 14:52	2/19/2024 19:56	304	0
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1550815	2/19/2024 14:53	2/19/2024 19:52	299	0
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1939790	2/19/2024 14:54	2/19/2024 19:48	294	0.81
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551972	2/19/2024 14:58	2/19/2024 19:52	294	0
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1573666	2/19/2024 14:58	2/19/2024 19:57	299	0

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574993	2/19/2024 15:09	2/19/2024 15:14	5	0
1555376	2/19/2024 15:09	2/19/2024 19:52	283	0
574596	2/19/2024 15:09	2/19/2024 19:54	285	0
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29748	2/19/2024 15:14	2/19/2024 19:52	278	0
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511223	2/19/2024 15:24	2/19/2024 19:52	268	0
1516579	2/19/2024 15:24	2/19/2024 15:29	5	0
574993	2/19/2024 15:25	2/19/2024 15:30	5	0
27443	2/19/2024 15:26	2/19/2024 20:04	278	0
510522	2/19/2024 15:26	2/19/2024 19:53	267	0
1516739	2/19/2024 15:27	2/19/2024 20:00	273	0
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1019446	2/19/2024 15:31	2/19/2024 19:41	250	0
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26921	2/19/2024 15:31	2/19/2024 19:54	263	0
574993	2/19/2024 15:35	2/19/2024 15:40	5	0
281332	2/19/2024 15:36	2/19/2024 19:53	257	0
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1494722	2/19/2024 15:44	2/19/2024 19:57	253	0
956579	2/19/2024 15:44	2/19/2024 19:51	247	0
954637	2/19/2024 15:46	2/19/2024 19:48	242	0
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1376158	2/19/2024 15:47	2/19/2024 19:56	249	0
981933	2/19/2024 15:47	2/19/2024 19:49	242	0
449377	2/19/2024 15:56	2/19/2024 16:12	16	0
1272457	2/19/2024 16:00	2/19/2024 19:41	221	0
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385332	2/19/2024 16:11	2/19/2024 19:40	209	0
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447406	2/19/2024 16:21	2/19/2024 19:56	215	0
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1321605	2/19/2024 19:42	2/20/2024 9:00	797.65	0
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549259	2/19/2024 19:48	2/20/2024 9:00	791.27	0
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1704779	2/19/2024 19:50	2/20/2024 9:00	789.65	0
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28509	2/19/2024 19:51	2/20/2024 9:00	788.5	0
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99953	2/19/2024 19:52	2/20/2024 9:00	787.5	0
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317797	2/19/2024 19:52	2/20/2024 9:00	787.5	0
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627018	2/19/2024 19:52	2/20/2024 9:00	787.27	0
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1554056	2/19/2024 19:53	2/20/2024 9:00	786.32	0
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1404846	2/19/2024 19:53	2/20/2024 9:00	786.65	0
281332	2/19/2024 19:53	2/20/2024 9:00	786.5	0
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188639	2/19/2024 19:54	2/20/2024 9:00	785.5	0

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197883	2/19/2024 19:55	2/20/2024 9:00	784.5	0
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10013697	2/19/2024 19:56	2/20/2024 9:00	783.32	0
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447406	2/19/2024 19:56	2/20/2024 9:00	783.27	0
274059	2/19/2024 19:56	2/20/2024 9:00	783.5	0
29848	2/19/2024 19:56	2/20/2024 9:00	783.5	0
8486022	2/19/2024 19:56	2/20/2024 9:00	783.32	0
627289	2/19/2024 19:56	2/20/2024 9:00	783.27	0
13912	2/19/2024 19:56	2/20/2024 9:00	783.5	0
70866	2/19/2024 19:56	2/20/2024 9:00	783.5	0
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2923717	2/19/2024 19:56	2/20/2024 9:00	783.27	0
1432940	2/19/2024 19:56	2/20/2024 7:56	720	0
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605186	2/19/2024 19:57	2/20/2024 9:00	782.27	0
1378582	2/19/2024 19:57	2/20/2024 9:00	782.65	0
320966	2/19/2024 19:57	2/20/2024 9:00	782.5	0

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34905	2/19/2024 19:57	2/20/2024 9:00	782.5	0
11081884	2/19/2024 19:57	2/20/2024 9:00	782.5	0
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1573666	2/19/2024 19:57	2/20/2024 9:00	782.32	0
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317084	2/19/2024 19:58	2/20/2024 9:00	781.5	0
852071	2/19/2024 19:58	2/20/2024 9:00	781.28	0
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623612	2/19/2024 19:58	2/20/2024 9:00	781.27	0
25674	2/19/2024 19:58	2/20/2024 9:00	781.5	0
23566	2/19/2024 19:58	2/20/2024 9:00	781.5	0
1555268	2/19/2024 19:58	2/20/2024 9:00	781.32	0
315730	2/19/2024 19:58	2/20/2024 9:00	781.5	0
381338	2/19/2024 19:58	2/20/2024 9:00	781.27	0
195163	2/19/2024 19:58	2/20/2024 9:00	781.5	0
67738	2/19/2024 19:58	2/20/2024 9:00	781.5	0
27483	2/19/2024 19:58	2/20/2024 9:00	781.5	0
1469270	2/19/2024 19:58	2/20/2024 7:57	719	0
1394324	2/19/2024 19:58	2/20/2024 9:00	781.65	0
1310926	2/19/2024 19:58	2/20/2024 9:00	781.65	0
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56164	2/19/2024 19:59	2/20/2024 9:00	780.5	0
21306	2/19/2024 19:59	2/20/2024 9:00	780.5	0
549370	2/19/2024 19:59	2/20/2024 9:00	780.27	0
523489	2/19/2024 19:59	2/20/2024 9:00	780.5	0
859747	2/19/2024 19:59	2/20/2024 9:00	780.28	0
313269	2/19/2024 19:59	2/20/2024 9:00	780.5	0
852125	2/19/2024 19:59	2/20/2024 9:00	780.28	0
97730	2/19/2024 19:59	2/20/2024 9:00	780.5	0
1510338	2/19/2024 19:59	2/20/2024 9:00	780.32	0
66685	2/19/2024 20:00	2/20/2024 9:00	779.5	0
1516739	2/19/2024 20:00	2/20/2024 9:00	779.32	0
9451810	2/19/2024 20:00	2/20/2024 9:00	779.5	0
6714863	2/19/2024 20:00	2/20/2024 9:00	779.28	0
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316997	2/19/2024 20:00	2/20/2024 9:00	779.5	0

1464949	2/19/2024 20:00	2/20/2024 9:00	779.32	0
561672	2/19/2024 20:00	2/20/2024 9:00	779.27	0
446329	2/19/2024 20:00	2/20/2024 9:00	779.27	0
1556434	2/19/2024 20:00	2/20/2024 9:00	779.32	0
8495805	2/19/2024 20:00	2/20/2024 9:00	779.27	0
29635	2/19/2024 20:00	2/20/2024 9:00	779.5	0
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353082	2/19/2024 20:00	2/20/2024 9:00	779.5	0
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1421188	2/19/2024 20:01	2/20/2024 9:00	778.65	0
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345647	2/19/2024 20:01	2/20/2024 9:00	778.5	0
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9063373	2/19/2024 20:01	2/20/2024 9:00	778.65	0
312995	2/19/2024 20:01	2/20/2024 9:00	778.5	0
319279	2/19/2024 20:01	2/20/2024 8:06	725	0
197356	2/19/2024 20:01	2/20/2024 9:00	778.5	0
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49209	2/19/2024 20:02	2/20/2024 9:00	777.5	0
1524033	2/19/2024 20:02	2/20/2024 9:00	777.32	0
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25066	2/19/2024 20:02	2/20/2024 9:00	777.5	0
101426	2/19/2024 20:03	2/20/2024 9:00	776.5	0
314350	2/19/2024 20:03	2/20/2024 9:00	776.5	0
54382	2/19/2024 20:03	2/20/2024 9:00	776.5	0
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9993412	2/19/2024 20:04	2/20/2024 9:00	775.27	0
27443	2/19/2024 20:04	2/20/2024 9:00	775.5	0
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1519715	2/19/2024 20:05	2/20/2024 9:00	774.32	0
69207	2/19/2024 20:06	2/20/2024 9:00	773.5	0
733373	2/19/2024 20:08	2/20/2024 8:49	761	0
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1521509	2/19/2024 20:12	2/20/2024 9:00	767.32	0
1520371	2/19/2024 20:12	2/20/2024 9:00	767.32	0
980870	2/19/2024 20:20	2/20/2024 9:00	759.1	0

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449377	2/19/2024 20:29	2/19/2024 22:04	95	0
353728	2/19/2024 20:34	2/20/2024 9:00	745.5	0
507365	2/19/2024 21:06	2/20/2024 9:00	713.27	0
24124	2/19/2024 21:20	2/20/2024 9:00	699.5	0
449377	2/19/2024 22:04	2/19/2024 22:51	47	0
449377	2/19/2024 22:51	2/20/2024 0:15	84	0
326028	2/19/2024 23:03	2/19/2024 23:35	32	0
326028	2/19/2024 23:35	2/20/2024 3:15	220	0
980398	2/19/2024 23:43	2/20/2024 9:00	556.1	0
1320619	2/20/2024 0:06	2/20/2024 9:00	533.65	0
449377	2/20/2024 0:15	2/20/2024 0:41	26	0
449377	2/20/2024 0:41	2/20/2024 1:02	21	0
449377	2/20/2024 1:02	2/20/2024 1:23	21	0
449377	2/20/2024 1:23	2/20/2024 1:34	11	0
449377	2/20/2024 1:34	2/20/2024 2:21	47	0
449377	2/20/2024 2:21	2/20/2024 2:52	31	0
449377	2/20/2024 2:52	2/20/2024 4:06	74	0
326028	2/20/2024 3:15	2/20/2024 3:52	37	0
326028	2/20/2024 3:52	2/20/2024 4:12	20	0
449377	2/20/2024 4:06	2/20/2024 4:27	21	0
326028	2/20/2024 4:12	2/20/2024 9:00	287.5	0
449377	2/20/2024 4:27	2/20/2024 4:53	26	0
449377	2/20/2024 4:53	2/20/2024 6:12	79	0
449377	2/20/2024 6:12	2/20/2024 7:25	73	0
449377	2/20/2024 7:25	2/20/2024 8:22	57	0
1469850	2/20/2024 7:56	2/20/2024 9:00	63.32	0
1432940	2/20/2024 7:56	2/20/2024 9:00	63.32	0
1469270	2/20/2024 7:57	2/20/2024 9:00	62.32	0
1433348	2/20/2024 7:57	2/20/2024 9:00	62.32	0
991227	2/20/2024 8:01	2/20/2024 9:00	58.1	0
989680	2/20/2024 8:04	2/20/2024 9:00	55.1	0
319279	2/20/2024 8:06	2/20/2024 9:00	53.5	0
1467272	2/20/2024 8:09	2/20/2024 9:00	50.32	0
1463520	2/20/2024 8:10	2/20/2024 9:00	49.32	0
1445317	2/20/2024 8:11	2/20/2024 9:00	48.32	0
1466638	2/20/2024 8:20	2/20/2024 9:00	39.32	0
449377	2/20/2024 8:22	2/20/2024 8:28	6	0
664030	2/20/2024 8:23	2/20/2024 8:28	5	0
449377	2/20/2024 8:28	2/20/2024 9:00	31.27	0
664030	2/20/2024 8:28	2/20/2024 8:39	11	0
664030	2/20/2024 8:39	2/20/2024 8:44	5	0
8511623	2/20/2024 8:40	2/20/2024 9:00	19.5	0
664030	2/20/2024 8:44	2/20/2024 9:00	15.28	0
733373	2/20/2024 8:49	2/20/2024 9:00	10.28	0
1290180	2/20/2024 8:57	2/20/2024 9:00	2.65	0
953854	2/20/2024 9:00	2/21/2024 9:00	1439.1	0

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10714479	2/20/2024 9:00	2/21/2024 9:00	1439.32	0
353728	2/20/2024 9:00	2/20/2024 23:43	883	0
1516579	2/20/2024 9:00	2/20/2024 10:55	115	0
1513541	2/20/2024 9:00	2/21/2024 9:00	1439.32	0
1413046	2/20/2024 9:00	2/21/2024 9:00	1439.65	0
1516786	2/20/2024 9:00	2/20/2024 10:11	71	0
7879030	2/20/2024 9:00	2/21/2024 9:00	1439.27	0
449377	2/20/2024 9:00	2/20/2024 10:34	94	0
447406	2/20/2024 9:00	2/21/2024 9:00	1439.27	0
444688	2/20/2024 9:00	2/21/2024 9:00	1439.27	0.01
345752	2/20/2024 9:00	2/21/2024 9:00	1439.5	0
7937779	2/20/2024 9:00	2/20/2024 11:00	120	0
319279	2/20/2024 9:00	2/20/2024 19:23	623	0
1453263	2/20/2024 9:00	2/20/2024 11:09	129	0
1394324	2/20/2024 9:00	2/20/2024 11:43	163	0
664030	2/20/2024 9:00	2/21/2024 9:00	1439.28	0
326028	2/20/2024 9:00	2/20/2024 19:00	600	0
554089	2/20/2024 9:00	2/21/2024 9:00	1439.27	0
574993	2/20/2024 9:00	2/20/2024 14:08	308	0
1352388	2/20/2024 9:00	2/21/2024 9:00	1439.65	0
1546695	2/20/2024 9:01	2/20/2024 11:38	157	0
1493132	2/20/2024 9:01	2/20/2024 12:31	210	3.24
54282	2/20/2024 9:01	2/21/2024 9:00	1438.5	3.87
1376158	2/20/2024 9:02	2/20/2024 20:02	660	0
8950281	2/20/2024 9:06	2/20/2024 11:50	164	0
10436690	2/20/2024 9:06	2/20/2024 11:36	150	0
723800	2/20/2024 9:06	2/20/2024 11:33	147	0
96751	2/20/2024 9:06	2/21/2024 9:00	1433.5	0
8724096	2/20/2024 9:07	2/21/2024 9:00	1432.65	0
562202	2/20/2024 9:07	2/20/2024 11:49	162	0
1333801	2/20/2024 9:07	2/20/2024 19:47	640	0
811953	2/20/2024 9:08	2/21/2024 9:00	1431.28	0
1366197	2/20/2024 9:08	2/21/2024 9:00	1431.65	0
262048	2/20/2024 9:08	2/20/2024 15:00	352	0.01
1466638	2/20/2024 9:08	2/20/2024 11:40	152	0
10222019	2/20/2024 9:08	2/21/2024 9:00	1431.65	0
1469850	2/20/2024 9:10	2/20/2024 19:14	604	0
1469270	2/20/2024 9:10	2/20/2024 19:14	604	0
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587455	2/20/2024 9:14	2/20/2024 19:53	639	0
980398	2/20/2024 9:16	2/20/2024 10:19	63	0
980870	2/20/2024 9:16	2/20/2024 19:52	636	0
852125	2/20/2024 9:17	2/20/2024 14:21	304	0
1395587	2/20/2024 9:18	2/20/2024 19:37	619	0
324290	2/20/2024 9:21	2/20/2024 19:51	630	0
9451810	2/20/2024 9:23	2/20/2024 20:03	640	0

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1433348	2/20/2024 9:26	2/20/2024 19:56	630	0
1467272	2/20/2024 9:27	2/21/2024 9:00	1412.32	0
1463520	2/20/2024 9:28	2/20/2024 19:55	627	0
1494722	2/20/2024 9:29	2/20/2024 19:59	630	3.18
1190246	2/20/2024 9:29	2/20/2024 19:51	622	0
1272457	2/20/2024 9:30	2/20/2024 14:33	303	0
320966	2/20/2024 9:30	2/20/2024 20:00	630	0
1393699	2/20/2024 9:32	2/20/2024 19:57	625	1.73
9063373	2/20/2024 9:35	2/20/2024 11:41	126	0
1554218	2/20/2024 9:35	2/20/2024 20:00	625	0
10013697	2/20/2024 9:35	2/20/2024 11:36	121	0
1551513	2/20/2024 9:36	2/20/2024 11:37	121	0
1641091	2/20/2024 9:36	2/20/2024 11:39	123	0.42
1321605	2/20/2024 9:37	2/20/2024 14:26	289	0
317084	2/20/2024 9:37	2/20/2024 20:01	624	0
317233	2/20/2024 9:38	2/20/2024 19:51	613	0.67
8104722	2/20/2024 9:38	2/20/2024 19:56	618	0
317797	2/20/2024 9:39	2/20/2024 19:53	614	0
1551510	2/20/2024 9:39	2/20/2024 11:35	116	0
314899	2/20/2024 9:40	2/20/2024 19:53	613	0
6280623	2/20/2024 9:41	2/20/2024 19:51	610	0.08
1321750	2/20/2024 9:41	2/20/2024 10:39	58	0
1466357	2/20/2024 9:42	2/20/2024 19:49	607	0
664453	2/20/2024 9:42	2/20/2024 19:56	614	0
523489	2/20/2024 9:42	2/20/2024 19:57	615	1.95
982261	2/20/2024 9:44	2/20/2024 19:46	602	0
1556486	2/20/2024 9:48	2/20/2024 19:54	606	0
945898	2/20/2024 9:48	2/20/2024 11:38	110	0
281235	2/20/2024 9:48	2/20/2024 19:59	611	0
979888	2/20/2024 9:48	2/20/2024 19:53	605	0
1556434	2/20/2024 9:50	2/20/2024 19:59	609	0.2
646026	2/20/2024 9:51	2/20/2024 11:35	104	0
1515733	2/20/2024 9:51	2/20/2024 11:36	105	1.25
1320008	2/20/2024 9:52	2/20/2024 14:25	273	0
801004	2/20/2024 9:52	2/20/2024 14:09	257	0
800590	2/20/2024 9:53	2/20/2024 14:10	257	0
800600	2/20/2024 9:53	2/20/2024 14:10	257	0
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800576	2/20/2024 9:53	2/20/2024 19:47	594	0
510974	2/20/2024 9:54	2/20/2024 19:47	593	0
1265778	2/20/2024 9:54	2/21/2024 9:00	1385.65	0
800588	2/20/2024 9:55	2/20/2024 14:07	252	0
1466415	2/20/2024 9:55	2/20/2024 19:48	593	0
1701172	2/20/2024 9:56	2/20/2024 10:27	31	0
1461375	2/20/2024 9:56	2/20/2024 19:50	594	0.01
1430294	2/20/2024 10:01	2/20/2024 19:55	594	0.28

601397	2/20/2024 10:01	2/20/2024 11:30	89	0
47769	2/20/2024 10:02	2/20/2024 19:50	588	0
605186	2/20/2024 10:02	2/20/2024 11:32	90	0
314188	2/20/2024 10:02	2/20/2024 19:55	593	0
49209	2/20/2024 10:03	2/20/2024 20:01	598	0
315730	2/20/2024 10:03	2/20/2024 19:56	593	1.69
926657	2/20/2024 10:03	2/20/2024 10:35	32	0
315169	2/20/2024 10:03	2/20/2024 19:51	588	0
1414392	2/20/2024 10:04	2/20/2024 11:49	105	0
1415828	2/20/2024 10:04	2/20/2024 11:49	105	0
196408	2/20/2024 10:05	2/20/2024 10:37	32	0
1463218	2/20/2024 10:05	2/20/2024 19:48	583	0
1416360	2/20/2024 10:05	2/20/2024 11:50	105	0
506261	2/20/2024 10:05	2/20/2024 19:53	588	0.33
197883	2/20/2024 10:05	2/20/2024 10:37	32	0
1604432	2/20/2024 10:05	2/20/2024 19:57	592	3.32
1464949	2/20/2024 10:05	2/20/2024 20:03	598	0
8148103	2/20/2024 10:06	2/20/2024 20:00	594	0.68
195666	2/20/2024 10:06	2/20/2024 10:22	16	0
197690	2/20/2024 10:06	2/20/2024 10:38	32	0
1664433	2/20/2024 10:07	2/20/2024 10:23	16	0
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1310926	2/20/2024 10:08	2/20/2024 10:24	16	0
1309098	2/20/2024 10:09	2/20/2024 10:25	16	0.08
8511623	2/20/2024 10:09	2/21/2024 9:00	1370.5	0
29635	2/20/2024 10:10	2/20/2024 10:42	32	0
316997	2/20/2024 10:11	2/20/2024 20:03	592	0
1446401	2/20/2024 10:11	2/20/2024 19:51	580	0.23
1516786	2/20/2024 10:11	2/20/2024 11:44	93	0.12
957615	2/20/2024 10:11	2/20/2024 13:59	228	0
1445317	2/20/2024 10:11	2/20/2024 19:56	585	0
8486022	2/20/2024 10:12	2/20/2024 20:00	588	0
1387226	2/20/2024 10:13	2/20/2024 10:25	12	0
980132	2/20/2024 10:15	2/20/2024 15:01	286	0
1396057	2/20/2024 10:16	2/20/2024 19:58	582	0
70866	2/20/2024 10:17	2/20/2024 11:34	77	0
449036	2/20/2024 10:17	2/20/2024 19:50	573	0.93
980398	2/20/2024 10:19	2/20/2024 20:01	582	0
793285	2/20/2024 10:21	2/20/2024 19:43	562	0
645339	2/20/2024 10:21	2/20/2024 14:07	226	0
274125	2/20/2024 10:22	2/20/2024 11:58	96	0
6714863	2/20/2024 10:22	2/20/2024 20:02	580	0.16
195666	2/20/2024 10:22	2/20/2024 10:38	16	0
790670	2/20/2024 10:23	2/20/2024 19:50	567	0
1664433	2/20/2024 10:23	2/21/2024 9:00	1356.28	0
2032900	2/20/2024 10:23	2/20/2024 14:24	241	0
1521914	2/20/2024 10:24	2/20/2024 11:37	73	0

1310926	2/20/2024 10:24	2/20/2024 19:56	572	0.84
1319739	2/20/2024 10:24	2/21/2024 9:00	1355.65	0
1521655	2/20/2024 10:24	2/20/2024 11:38	74	0
23566	2/20/2024 10:24	2/20/2024 10:55	31	0
1387226	2/20/2024 10:25	2/20/2024 14:11	226	0.16
1309098	2/20/2024 10:25	2/20/2024 19:51	566	2.65
975066	2/20/2024 10:25	2/20/2024 19:57	572	0
954332	2/20/2024 10:26	2/20/2024 14:01	215	0
956968	2/20/2024 10:27	2/20/2024 10:59	32	0
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449377	2/20/2024 10:34	2/20/2024 11:22	48	0
627018	2/20/2024 10:34	2/20/2024 10:50	16	0
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69207	2/20/2024 11:04	2/20/2024 11:46	42	0
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198082	2/20/2024 11:23	2/20/2024 14:53	210	0
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456084	2/20/2024 11:34	2/20/2024 12:47	73	0
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627289	2/20/2024 11:36	2/20/2024 11:52	16	0
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1546695	2/20/2024 11:38	2/20/2024 13:55	137	0
381982	2/20/2024 11:39	2/20/2024 13:14	95	0
549259	2/20/2024 11:39	2/20/2024 12:38	59	0
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610737	2/20/2024 11:39	2/20/2024 11:55	16	0
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660265	2/20/2024 11:41	2/20/2024 19:55	494	0

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380736	2/20/2024 11:41	2/20/2024 13:15	94	0.16
25674	2/20/2024 11:42	2/20/2024 11:58	16	0
34613	2/20/2024 11:42	2/20/2024 11:58	16	0
1516579	2/20/2024 11:42	2/20/2024 14:09	147	0
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1588725	2/20/2024 11:45	2/20/2024 12:58	73	1.55
23462	2/20/2024 11:45	2/20/2024 14:12	147	0
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69207	2/20/2024 11:46	2/20/2024 15:21	215	0
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605186	2/20/2024 11:47	2/20/2024 14:04	137	0
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1415828	2/20/2024 11:49	2/20/2024 19:52	483	0
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1074779	2/20/2024 11:49	2/20/2024 19:57	488	0.21
281332	2/20/2024 11:49	2/20/2024 14:22	153	0
1417138	2/20/2024 11:50	2/20/2024 16:35	285	0
68620	2/20/2024 11:50	2/20/2024 15:20	210	0.01
859747	2/20/2024 11:50	2/20/2024 12:53	63	0
8950281	2/20/2024 11:50	2/20/2024 14:32	162	0
1416360	2/20/2024 11:50	2/20/2024 19:58	488	0
280364	2/20/2024 11:50	2/20/2024 14:53	183	0.09
70866	2/20/2024 11:50	2/20/2024 14:22	152	0
1417279	2/20/2024 11:51	2/20/2024 19:56	485	0
860281	2/20/2024 11:51	2/20/2024 12:49	58	0
274059	2/20/2024 11:51	2/20/2024 14:18	147	0
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1521914	2/20/2024 11:52	2/20/2024 12:40	48	0
624411	2/20/2024 11:52	2/20/2024 13:53	121	0.07
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609850	2/20/2024 11:53	2/20/2024 13:38	105	0.25
1519715	2/20/2024 11:53	2/20/2024 12:41	48	0
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552210	2/20/2024 11:53	2/20/2024 13:07	74	0
627018	2/20/2024 11:53	2/20/2024 13:54	121	0
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1641091	2/20/2024 11:55	2/20/2024 12:37	42	0.04
610737	2/20/2024 11:55	2/20/2024 13:40	105	0
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188639	2/20/2024 12:00	2/20/2024 14:11	131	0.38
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945898	2/20/2024 12:04	2/20/2024 13:17	73	0
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624901	2/20/2024 13:50	2/20/2024 19:57	367	0
624716	2/20/2024 13:51	2/20/2024 19:59	368	0
1552154	2/20/2024 13:51	2/20/2024 14:39	48	0
1551510	2/20/2024 13:51	2/20/2024 14:07	16	0
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627289	2/20/2024 13:52	2/20/2024 14:24	32	0
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646026	2/20/2024 13:52	2/20/2024 14:08	16	0
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627018	2/20/2024 13:54	2/20/2024 14:20	26	0
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1641091	2/20/2024 13:55	2/20/2024 14:22	27	0
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23462	2/20/2024 14:12	2/20/2024 14:28	16	0
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24993	2/20/2024 14:16	2/20/2024 20:24	368	0
562202	2/20/2024 14:16	2/20/2024 14:22	6	0
24124	2/20/2024 14:16	2/20/2024 14:32	16	0
34887	2/20/2024 14:16	2/20/2024 14:26	10	0
14605	2/20/2024 14:17	2/20/2024 15:20	63	0
8495802	2/20/2024 14:17	2/20/2024 14:28	11	0
26921	2/20/2024 14:17	2/20/2024 14:32	15	0.06
1288420	2/20/2024 14:18	2/20/2024 14:28	10	0
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1321114	2/20/2024 14:22	2/20/2024 14:38	16	0
281332	2/20/2024 14:22	2/20/2024 15:53	91	0
562202	2/20/2024 14:22	2/21/2024 9:00	1117.27	0
1641091	2/20/2024 14:22	2/20/2024 20:03	341	0
29842	2/20/2024 14:22	2/21/2024 9:00	1117.5	0
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574596	2/20/2024 14:24	2/20/2024 14:39	15	0
1524033	2/20/2024 14:24	2/20/2024 19:54	330	0
627289	2/20/2024 14:24	2/20/2024 14:34	10	0
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380057	2/20/2024 14:26	2/20/2024 14:42	16	0
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8910809	2/20/2024 14:27	2/20/2024 14:43	16	0
1385431	2/20/2024 14:27	2/20/2024 15:09	42	0
188639	2/20/2024 14:27	2/20/2024 14:43	16	0
1493766	2/20/2024 14:27	2/20/2024 15:09	42	0
380736	2/20/2024 14:28	2/20/2024 14:44	16	0
381982	2/20/2024 14:28	2/20/2024 14:43	15	0
1320619	2/20/2024 14:28	2/20/2024 14:39	11	0
23462	2/20/2024 14:28	2/20/2024 19:54	326	0
8495802	2/20/2024 14:28	2/20/2024 14:59	31	0
1288420	2/20/2024 14:28	2/20/2024 14:34	6	0
30471	2/20/2024 14:28	2/20/2024 15:42	74	0
189581	2/20/2024 14:29	2/20/2024 14:45	16	0
41508	2/20/2024 14:29	2/20/2024 15:11	42	0
1375642	2/20/2024 14:29	2/20/2024 14:44	15	0
29848	2/20/2024 14:29	2/20/2024 19:54	325	0.25
574993	2/20/2024 14:29	2/20/2024 14:40	11	0
1516579	2/20/2024 14:30	2/20/2024 14:41	11	0
28509	2/20/2024 14:30	2/20/2024 15:43	73	0
34905	2/20/2024 14:30	2/20/2024 14:46	16	0
1019446	2/20/2024 14:30	2/20/2024 15:50	80	0
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34832	2/20/2024 14:30	2/20/2024 14:45	15	0
6995795	2/20/2024 14:30	2/20/2024 14:41	11	0
1493132	2/20/2024 14:31	2/20/2024 14:47	16	0
29748	2/20/2024 14:31	2/20/2024 14:46	15	0
27483	2/20/2024 14:31	2/20/2024 19:56	325	0
1041597	2/20/2024 14:31	2/20/2024 15:44	73	0
26864	2/20/2024 14:31	2/20/2024 14:46	15	0
8950281	2/20/2024 14:32	2/20/2024 14:48	16	0
1516786	2/20/2024 14:32	2/20/2024 14:37	5	0
27443	2/20/2024 14:32	2/20/2024 14:42	10	0
26921	2/20/2024 14:32	2/20/2024 14:43	11	0.06
456084	2/20/2024 14:32	2/20/2024 14:48	16	0

456048	2/20/2024 14:32	2/20/2024 14:47	15	0
24124	2/20/2024 14:32	2/20/2024 14:43	11	0
416557	2/20/2024 14:33	2/20/2024 14:43	10	0
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1320646	2/20/2024 14:39	2/20/2024 19:54	315	0
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1321605	2/20/2024 14:42	2/20/2024 19:41	299	0
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1247921	2/20/2024 14:42	2/20/2024 19:51	309	0.82
8910809	2/20/2024 14:43	2/20/2024 19:48	305	0
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24124	2/20/2024 14:43	2/20/2024 20:02	319	0
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982457	2/20/2024 15:02	2/20/2024 19:45	283	0
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14605	2/20/2024 15:20	2/20/2024 20:03	283	0
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281332	2/20/2024 15:53	2/20/2024 19:54	241	0

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449377	2/20/2024 16:05	2/20/2024 16:52	47	0
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574993	2/20/2024 16:30	2/20/2024 16:35	5	0
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574993	2/20/2024 16:35	2/20/2024 16:41	6	0
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1368745	2/20/2024 16:49	2/20/2024 19:42	173	0
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1469850	2/20/2024 19:14	2/21/2024 9:00	825.32	0
319279	2/20/2024 19:23	2/21/2024 9:00	816.5	0
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675499	2/20/2024 19:29	2/21/2024 9:00	810.28	0
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380736	2/20/2024 19:38	2/21/2024 9:00	801.27	0
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1384509	2/20/2024 19:40	2/21/2024 9:00	799.65	0
945898	2/20/2024 19:41	2/21/2024 9:00	798.28	0
1321605	2/20/2024 19:41	2/21/2024 9:00	798.65	0
416557	2/20/2024 19:42	2/21/2024 9:00	797.27	0
385332	2/20/2024 19:42	2/21/2024 9:00	797.27	0
1321114	2/20/2024 19:42	2/21/2024 9:00	797.65	0
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793285	2/20/2024 19:43	2/21/2024 9:00	796.28	0
1320845	2/20/2024 19:44	2/21/2024 9:00	795.65	0
1020565	2/20/2024 19:44	2/21/2024 9:00	795.1	0
1272457	2/20/2024 19:44	2/21/2024 9:00	795.65	0
955448	2/20/2024 19:45	2/21/2024 9:00	794.1	0
1320008	2/20/2024 19:45	2/21/2024 9:00	794.65	0
1321750	2/20/2024 19:45	2/21/2024 9:00	794.65	0
500173	2/20/2024 19:45	2/21/2024 9:00	794.27	0
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487441	2/20/2024 19:45	2/21/2024 9:00	794.27	0
982457	2/20/2024 19:45	2/21/2024 9:00	794.1	0
926657	2/20/2024 19:46	2/21/2024 9:00	793.28	0
1020387	2/20/2024 19:46	2/21/2024 9:00	793.1	0
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552210	2/20/2024 19:48	2/21/2024 9:00	791.27	0
8910809	2/20/2024 19:48	2/21/2024 9:00	791.27	0
10433250	2/20/2024 19:48	2/21/2024 9:00	791.65	0
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196408	2/20/2024 19:48	2/21/2024 9:00	791.5	0
1321663	2/20/2024 19:48	2/21/2024 9:00	791.65	0
980132	2/20/2024 19:48	2/21/2024 9:00	791.1	0
373273	2/20/2024 19:48	2/21/2024 9:00	791.27	0
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1550815	2/20/2024 19:56	2/21/2024 9:00	783.32	0
1555609	2/20/2024 19:56	2/21/2024 9:00	783.32	0
664453	2/20/2024 19:56	2/21/2024 9:00	783.28	0

21306	2/20/2024 19:56	2/21/2024 9:00	783.5	0
27483	2/20/2024 19:56	2/21/2024 9:00	783.5	0
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1469866	2/20/2024 19:56	2/21/2024 9:00	783.32	0
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15611	2/20/2024 19:57	2/21/2024 9:00	782.5	0
34832	2/20/2024 19:57	2/21/2024 9:00	782.5	0
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852125	2/20/2024 19:57	2/21/2024 9:00	782.28	0
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1396057	2/20/2024 19:58	2/21/2024 9:00	781.65	0
378229	2/20/2024 19:58	2/21/2024 9:00	781.27	0
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24369	2/20/2024 19:58	2/21/2024 9:00	781.5	0
1385431	2/20/2024 19:58	2/21/2024 9:00	781.65	0
14239	2/20/2024 19:58	2/21/2024 9:00	781.5	0
381338	2/20/2024 19:58	2/21/2024 9:00	781.27	0
34887	2/20/2024 19:58	2/21/2024 9:00	781.5	0
26921	2/20/2024 19:58	2/21/2024 9:00	781.5	0
11435788	2/20/2024 19:58	2/21/2024 9:00	781.5	0
1493766	2/20/2024 19:58	2/21/2024 9:00	781.65	0
8495802	2/20/2024 19:58	2/21/2024 9:00	781.32	0
345394	2/20/2024 19:58	2/21/2024 9:00	781.5	0
1513398	2/20/2024 19:58	2/21/2024 9:00	781.32	0

68620	2/20/2024 19:58	2/21/2024 9:00	781.5	0
23566	2/20/2024 19:58	2/21/2024 9:00	781.5	0
373050	2/20/2024 19:58	2/21/2024 9:00	781.27	0
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624716	2/20/2024 19:59	2/21/2024 9:00	780.27	0
30471	2/20/2024 19:59	2/21/2024 9:00	780.5	0
1556434	2/20/2024 19:59	2/21/2024 9:00	780.32	0
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25674	2/20/2024 20:00	2/21/2024 9:00	779.5	0
353082	2/20/2024 20:00	2/21/2024 9:00	779.5	0
189581	2/20/2024 20:00	2/21/2024 9:00	779.5	0
10013697	2/20/2024 20:00	2/21/2024 9:00	779.32	0
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980398	2/20/2024 20:01	2/21/2024 9:00	778.1	0
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1493132	2/20/2024 20:02	2/21/2024 9:00	777.65	0
308032	2/20/2024 20:02	2/21/2024 9:00	777.5	0
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8950281	2/20/2024 20:03	2/21/2024 9:00	776.5	0
14605	2/20/2024 20:03	2/21/2024 9:00	776.5	0
1378273	2/20/2024 20:03	2/21/2024 9:00	776.65	0
1641091	2/20/2024 20:03	2/21/2024 9:00	776.32	0
316997	2/20/2024 20:03	2/21/2024 9:00	776.5	0
1464949	2/20/2024 20:03	2/21/2024 9:00	776.32	0
66685	2/20/2024 20:03	2/21/2024 9:00	776.5	0
277301	2/20/2024 20:03	2/21/2024 9:00	776.5	0
9451810	2/20/2024 20:03	2/21/2024 9:00	776.5	0
188843	2/20/2024 20:04	2/21/2024 9:00	775.5	0
1375642	2/20/2024 20:05	2/21/2024 9:00	774.65	0
69207	2/20/2024 20:05	2/21/2024 9:00	774.5	0
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9063373	2/20/2024 20:06	2/21/2024 9:00	773.65	0
345647	2/20/2024 20:06	2/21/2024 9:00	773.5	0
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188789	2/20/2024 20:17	2/21/2024 9:00	762.5	0
24993	2/20/2024 20:24	2/21/2024 9:00	755.5	0
274125	2/20/2024 20:34	2/21/2024 9:00	745.5	0
195839	2/20/2024 20:57	2/21/2024 9:00	722.5	0
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1503739	2/21/2024 8:18	2/21/2024 8:33	15	0
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1503739	2/21/2024 8:33	2/21/2024 9:00	26.1	0
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1272457	2/21/2024 10:19	2/21/2024 12:01	102	0
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1393699	2/21/2024 10:19	2/21/2024 11:42	83	0.58
1321605	2/21/2024 10:19	2/21/2024 19:40	561	0.1
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281237	2/21/2024 10:31	2/21/2024 11:55	84	0.97
277629	2/21/2024 10:31	2/21/2024 19:58	567	0.23
4173986	2/21/2024 10:31	2/21/2024 11:55	84	0
121907	2/21/2024 10:31	2/21/2024 11:33	62	0
317797	2/21/2024 10:31	2/21/2024 19:53	562	0
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274125	2/21/2024 10:31	2/21/2024 19:57	566	0
277301	2/21/2024 10:31	2/21/2024 20:02	571	0
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6162956	2/21/2024 10:31	2/21/2024 11:58	87	0
197690	2/21/2024 10:31	2/21/2024 13:36	185	0
278472	2/21/2024 10:31	2/21/2024 19:52	561	0
323747	2/21/2024 10:31	2/21/2024 19:58	567	3.56

1288420	2/21/2024 10:31	2/21/2024 10:42	11	0
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314188	2/21/2024 10:31	2/21/2024 19:53	562	0
281235	2/21/2024 10:31	2/21/2024 19:55	564	0
34613	2/21/2024 10:31	2/21/2024 11:46	75	0
72130	2/21/2024 10:31	2/21/2024 14:21	230	0.04
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276488	2/21/2024 10:31	2/21/2024 11:54	83	0
47769	2/21/2024 10:31	2/21/2024 19:53	562	0
25674	2/21/2024 10:31	2/21/2024 11:30	59	0
338734	2/21/2024 10:31	2/21/2024 11:54	83	0
122050	2/21/2024 10:31	2/21/2024 11:37	66	0
274059	2/21/2024 10:31	2/21/2024 19:56	565	0
280749	2/21/2024 10:31	2/21/2024 11:58	87	0
195839	2/21/2024 10:31	2/21/2024 13:36	185	0.07
281332	2/21/2024 10:31	2/21/2024 10:37	6	0
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275682	2/21/2024 10:31	2/21/2024 11:55	84	0
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196408	2/21/2024 10:31	2/21/2024 13:36	185	0
275065	2/21/2024 10:31	2/21/2024 19:57	566	0
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315169	2/21/2024 10:31	2/21/2024 19:50	559	0
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280780	2/21/2024 10:31	2/21/2024 12:00	89	0
70866	2/21/2024 10:32	2/21/2024 11:04	32	0
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1672784	2/21/2024 10:34	2/22/2024 9:00	1345.27	0.12
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1416360	2/21/2024 10:36	2/21/2024 13:37	181	0
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1288420	2/21/2024 10:42	2/21/2024 10:47	5	0
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574993	2/21/2024 10:53	2/21/2024 10:58	5	0
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801004	2/21/2024 10:56	2/21/2024 11:40	44.72	0
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790670	2/21/2024 10:56	2/21/2024 19:50	534.72	0
852125	2/21/2024 10:56	2/21/2024 19:56	540.72	0
658177	2/21/2024 10:56	2/21/2024 14:24	208.72	0.13
6714863	2/21/2024 10:56	2/21/2024 20:00	544.72	0.22
800590	2/21/2024 10:56	2/21/2024 11:41	45.72	0
926657	2/21/2024 10:56	2/21/2024 11:46	50.72	0
733373	2/21/2024 10:56	2/21/2024 16:39	343.72	0
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664453	2/21/2024 10:56	2/21/2024 14:29	213.72	0
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1546695	2/21/2024 10:58	2/21/2024 14:09	191	0
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926503	2/21/2024 11:01	2/21/2024 14:20	199	0
353082	2/21/2024 11:01	2/21/2024 14:15	194	0.82
68620	2/21/2024 11:02	2/21/2024 11:18	16	0
1288420	2/21/2024 11:03	2/21/2024 11:13	10	0
69207	2/21/2024 11:03	2/21/2024 11:19	16	0
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486985	2/21/2024 11:04	2/21/2024 12:38	94	0
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928438	2/21/2024 11:04	2/22/2024 9:00	1315	0
70866	2/21/2024 11:04	2/21/2024 14:18	194	0
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265955	2/21/2024 11:05	2/21/2024 14:27	202	0
1683861	2/21/2024 11:05	2/21/2024 19:57	532	0.5
626477	2/21/2024 11:05	2/21/2024 11:52	47	0
626600	2/21/2024 11:05	2/21/2024 11:37	32	0
196965	2/21/2024 11:05	2/21/2024 13:36	151	0.21
1446785	2/21/2024 11:06	2/21/2024 19:56	530	1.85
926638	2/21/2024 11:06	2/21/2024 14:21	195	0
11081884	2/21/2024 11:06	2/21/2024 19:56	530	0
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486880	2/21/2024 11:07	2/22/2024 9:00	1312.27	0
562202	2/21/2024 11:07	2/21/2024 11:12	5	0

624716	2/21/2024 11:07	2/21/2024 11:54	47	0
197356	2/21/2024 11:07	2/21/2024 13:36	149	0
1332906	2/21/2024 11:07	2/21/2024 14:06	179	0
193791	2/21/2024 11:07	2/21/2024 19:54	527	0
1074779	2/21/2024 11:08	2/21/2024 19:58	530	0.23
204963	2/21/2024 11:08	2/21/2024 14:23	195	0
601397	2/21/2024 11:08	2/21/2024 11:24	16	0
204700	2/21/2024 11:08	2/21/2024 14:23	195	0
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195666	2/21/2024 11:09	2/21/2024 13:36	147	0
1939790	2/21/2024 11:10	2/21/2024 11:21	11	0.16
511266	2/21/2024 11:10	2/21/2024 11:36	26	0
1453263	2/21/2024 11:10	2/21/2024 19:55	525	0
609850	2/21/2024 11:10	2/21/2024 12:24	74	0.32
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277818	2/21/2024 11:56	2/21/2024 19:48	472	0
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800600	2/21/2024 12:08	2/22/2024 9:00	1251	0
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14239	2/21/2024 12:14	2/21/2024 15:02	168	0
1594081	2/21/2024 12:15	2/21/2024 15:14	179	0
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195666	2/21/2024 13:36	2/21/2024 13:38	2	0
23462	2/21/2024 13:36	2/21/2024 13:38	2	0
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9063373	2/21/2024 13:37	2/21/2024 13:38	1	0
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1272457	2/21/2024 19:48	2/22/2024 8:29	761	0
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658642	2/21/2024 19:48	2/22/2024 9:00	791	0
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1385431	2/21/2024 19:56	2/22/2024 9:00	783.65	0
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23516	2/21/2024 19:56	2/22/2024 9:00	783.57	0
1638308	2/21/2024 19:56	2/22/2024 9:00	783.63	0
11435788	2/21/2024 19:56	2/22/2024 9:00	783.57	0
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8148103	2/21/2024 19:57	2/22/2024 9:00	782.57	0
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72130	2/21/2024 19:57	2/22/2024 9:00	782.57	0
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574596	2/21/2024 19:57	2/22/2024 9:00	782.27	0
68620	2/21/2024 19:57	2/22/2024 9:00	782.57	0
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8495805	2/21/2024 19:57	2/22/2024 9:00	782.27	0
1683861	2/21/2024 19:57	2/22/2024 9:00	782.57	0
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23566	2/21/2024 19:57	2/22/2024 9:00	782.57	0
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281830	2/21/2024 19:58	2/22/2024 9:00	781.57	0
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313954	2/21/2024 19:58	2/22/2024 9:00	781.57	0
324249	2/21/2024 19:58	2/22/2024 9:00	781.57	0
188789	2/21/2024 19:58	2/22/2024 9:00	781.57	0
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4173986	2/21/2024 19:58	2/22/2024 9:00	781.57	0
1672745	2/21/2024 19:58	2/22/2024 9:00	781.27	0
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197356	2/21/2024 19:58	2/22/2024 9:00	781.57	0
277629	2/21/2024 19:58	2/22/2024 9:00	781.57	0
605186	2/21/2024 19:58	2/22/2024 9:00	781.27	0
323747	2/21/2024 19:58	2/22/2024 9:00	781.57	0
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627289	2/21/2024 19:58	2/22/2024 9:00	781.27	0

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13876	2/21/2024 19:59	2/22/2024 9:00	780.57	0
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313731	2/21/2024 19:59	2/22/2024 9:00	780.57	0
27483	2/21/2024 19:59	2/22/2024 9:00	780.57	0
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1521914	2/21/2024 20:01	2/22/2024 9:00	778.63	0
317084	2/21/2024 20:01	2/22/2024 9:00	778.57	0
8950281	2/21/2024 20:01	2/22/2024 8:15	734	0
309961	2/21/2024 20:01	2/22/2024 9:00	778.57	0
1602630	2/21/2024 20:02	2/22/2024 9:00	777.63	0
14605	2/21/2024 20:02	2/22/2024 9:00	777.57	0
353082	2/21/2024 20:02	2/22/2024 9:00	777.57	0
97805	2/21/2024 20:02	2/22/2024 9:00	777.57	0
56196	2/21/2024 20:02	2/22/2024 9:00	777.57	0
277301	2/21/2024 20:02	2/22/2024 9:00	777.57	0
373050	2/21/2024 20:02	2/22/2024 9:00	777.27	0
1351588	2/21/2024 20:03	2/22/2024 8:41	758	0
1375642	2/21/2024 20:03	2/22/2024 9:00	776.65	0

24124	2/21/2024 20:03	2/22/2024 9:00	776.57	0
1464949	2/21/2024 20:03	2/22/2024 9:00	776.63	0
519373	2/21/2024 20:03	2/22/2024 9:00	776.57	0
324045	2/21/2024 20:04	2/22/2024 9:00	775.57	0
280749	2/21/2024 20:04	2/22/2024 9:00	775.57	0
69207	2/21/2024 20:04	2/22/2024 9:00	775.57	0
22953	2/21/2024 20:12	2/22/2024 9:00	767.57	0
549259	2/21/2024 20:16	2/22/2024 9:00	763.27	0
449377	2/21/2024 20:27	2/21/2024 21:04	37	0
353728	2/21/2024 20:29	2/22/2024 9:00	750.57	0
449377	2/21/2024 21:04	2/21/2024 21:46	42	0
562856	2/21/2024 21:08	2/22/2024 9:00	711.27	0
449377	2/21/2024 21:46	2/21/2024 22:16	30	0
49209	2/21/2024 21:49	2/22/2024 9:00	670.57	0
195839	2/21/2024 21:49	2/22/2024 9:00	670.57	0
449377	2/21/2024 22:16	2/21/2024 23:55	99	0
980398	2/21/2024 23:20	2/22/2024 9:00	579.1	0
237177	2/21/2024 23:30	2/22/2024 9:00	569.57	0
449377	2/21/2024 23:55	2/22/2024 0:34	39	0
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449377	2/22/2024 3:39	2/22/2024 4:47	68	0
449377	2/22/2024 4:47	2/22/2024 7:03	136	0
326028	2/22/2024 7:02	2/22/2024 9:00	117.57	0
449377	2/22/2024 7:03	2/22/2024 7:39	36	0
449377	2/22/2024 7:39	2/22/2024 8:11	32	0
1432940	2/22/2024 7:52	2/22/2024 9:00	67.63	0
1445317	2/22/2024 7:54	2/22/2024 9:00	65.63	0
1433348	2/22/2024 7:56	2/22/2024 9:00	63.63	0
1376158	2/22/2024 8:01	2/22/2024 9:00	58.65	0
320966	2/22/2024 8:04	2/22/2024 9:00	55.57	0
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8950281	2/22/2024 8:15	2/22/2024 9:00	44.57	0
1604432	2/22/2024 8:18	2/22/2024 9:00	41.63	0
51483	2/22/2024 8:18	2/22/2024 9:00	41.57	0
733373	2/22/2024 8:21	2/22/2024 9:00	38	0
1701172	2/22/2024 8:22	2/22/2024 9:00	37.65	0
1466638	2/22/2024 8:23	2/22/2024 9:00	36.63	0
1465391	2/22/2024 8:25	2/22/2024 9:00	34.63	0
1272457	2/22/2024 8:29	2/22/2024 9:00	30.65	0
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449377	2/22/2024 8:32	2/22/2024 9:00	27.27	0
324290	2/22/2024 8:39	2/22/2024 9:00	20.57	0
1351588	2/22/2024 8:41	2/22/2024 9:00	18.65	0

8511623	2/22/2024 8:42	2/22/2024 9:00	17.57	0
55337	2/22/2024 8:46	2/22/2024 9:00	13.57	0
56008	2/22/2024 8:51	2/22/2024 9:00	8.57	0
1469850	2/22/2024 8:53	2/22/2024 9:00	6.63	0
1350104	2/22/2024 8:56	2/22/2024 9:00	3.65	0
7937779	2/22/2024 9:00	2/23/2024 9:00	1439.65	0
7879030	2/22/2024 9:00	2/22/2024 14:44	344	0
1701172	2/22/2024 9:00	2/22/2024 19:26	626	0
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262048	2/22/2024 9:00	2/23/2024 9:00	1439.57	0
444688	2/22/2024 9:00	2/22/2024 15:16	376	0
319279	2/22/2024 9:00	2/23/2024 9:00	1439.57	0
8724096	2/22/2024 9:00	2/23/2024 9:00	1439.65	0
1413046	2/22/2024 9:00	2/23/2024 9:00	1439.65	0
811953	2/22/2024 9:00	2/23/2024 9:00	1439	0
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953854	2/22/2024 9:00	2/23/2024 9:00	1439.72	0
1394324	2/22/2024 9:00	2/22/2024 14:20	320	0
188789	2/22/2024 9:00	2/23/2024 9:00	1439.57	0
1393699	2/22/2024 9:00	2/22/2024 14:14	314	0
574993	2/22/2024 9:00	2/22/2024 10:08	68	0
980132	2/22/2024 9:00	2/22/2024 19:28	628	0
675499	2/22/2024 9:00	2/23/2024 9:00	1439	0
664030	2/22/2024 9:00	2/23/2024 9:00	1439	0
1513541	2/22/2024 9:00	2/23/2024 9:00	1439.63	0
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447406	2/22/2024 9:00	2/23/2024 9:00	1439.27	0
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5834752	2/22/2024 9:07	2/23/2024 9:00	1432.57	0
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345752	2/22/2024 9:07	2/23/2024 9:00	1432.57	0
1453263	2/22/2024 9:07	2/22/2024 11:07	120	0
562202	2/22/2024 9:07	2/22/2024 10:52	105	0
202435	2/22/2024 9:07	2/23/2024 9:00	1432.57	0
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1465391	2/22/2024 9:12	2/22/2024 19:30	618	0
8511623	2/22/2024 9:13	2/22/2024 14:26	313	0
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1395587	2/22/2024 9:16	2/22/2024 11:32	136	0
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1376158	2/22/2024 9:17	2/22/2024 19:26	609	0
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324290	2/22/2024 9:21	2/22/2024 10:08	47	0
1321605	2/22/2024 9:26	2/22/2024 19:23	597	0
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980870	2/22/2024 9:32	2/22/2024 20:16	644	0
320966	2/22/2024 9:33	2/22/2024 11:44	131	0
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1396057	2/22/2024 9:35	2/22/2024 19:18	583	0
800590	2/22/2024 9:36	2/22/2024 11:37	121	0
8104722	2/22/2024 9:37	2/22/2024 19:25	588	0
1551513	2/22/2024 9:37	2/22/2024 19:28	591	0
523489	2/22/2024 9:37	2/22/2024 19:25	588	0
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800600	2/22/2024 9:38	2/22/2024 11:39	121	0
1320845	2/22/2024 9:38	2/22/2024 10:57	79	0
10013697	2/22/2024 9:39	2/22/2024 19:18	579	0
800576	2/22/2024 9:40	2/22/2024 19:17	576.62	0
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801004	2/22/2024 9:40	2/22/2024 11:41	121	0
317233	2/22/2024 9:41	2/22/2024 19:13	572	0
6280623	2/22/2024 9:41	2/22/2024 19:18	577	0
800588	2/22/2024 9:41	2/22/2024 11:37	116	0
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314899	2/22/2024 9:42	2/22/2024 19:20	578	0
315169	2/22/2024 9:47	2/22/2024 10:03	16	0
314188	2/22/2024 9:47	2/22/2024 10:03	16	0
251248	2/22/2024 9:47	2/22/2024 19:30	583	0
1604432	2/22/2024 9:47	2/22/2024 19:25	578	0.12
281235	2/22/2024 9:48	2/22/2024 11:43	115	0
251189	2/22/2024 9:48	2/22/2024 19:40	592	0
315730	2/22/2024 9:50	2/22/2024 10:05	15	0
859747	2/22/2024 9:51	2/22/2024 11:51	120	0

860281	2/22/2024 9:53	2/22/2024 11:53	120	0
664453	2/22/2024 9:54	2/22/2024 19:37	583	0
1321750	2/22/2024 9:54	2/22/2024 10:56	62	0
1320008	2/22/2024 9:54	2/22/2024 19:26	572	0
658177	2/22/2024 9:56	2/22/2024 19:23	567	0
47769	2/22/2024 10:01	2/22/2024 19:33	572	0
1624452	2/22/2024 10:01	2/22/2024 19:02	541	0
315169	2/22/2024 10:03	2/22/2024 19:24	561	0
314188	2/22/2024 10:03	2/22/2024 19:24	561	0
1430294	2/22/2024 10:04	2/22/2024 19:30	566	0
605186	2/22/2024 10:04	2/22/2024 11:39	95	0
627018	2/22/2024 10:04	2/22/2024 19:00	536	0
315730	2/22/2024 10:05	2/22/2024 19:30	565	0
510974	2/22/2024 10:05	2/22/2024 18:44	519	0
49209	2/22/2024 10:05	2/22/2024 19:38	573	0
70866	2/22/2024 10:05	2/22/2024 11:49	104	0
971524	2/22/2024 10:05	2/22/2024 20:00	595	0
574596	2/22/2024 10:06	2/22/2024 11:36	90	0
626477	2/22/2024 10:06	2/22/2024 10:21	15	0
1664433	2/22/2024 10:07	2/22/2024 14:19	252	0
601397	2/22/2024 10:07	2/22/2024 11:37	90	0
624716	2/22/2024 10:07	2/22/2024 10:22	15	0
574993	2/22/2024 10:08	2/22/2024 10:14	6	0
324290	2/22/2024 10:08	2/22/2024 19:19	551	0
2032900	2/22/2024 10:08	2/22/2024 19:23	555	0
627289	2/22/2024 10:08	2/22/2024 19:29	561	0
1445317	2/22/2024 10:08	2/22/2024 19:25	557	0
506261	2/22/2024 10:10	2/22/2024 18:44	514	0.03
1319739	2/22/2024 10:11	2/23/2024 9:00	1368.65	0
665119	2/22/2024 10:12	2/22/2024 19:34	561.62	0
1466357	2/22/2024 10:12	2/22/2024 19:25	553	0
418876	2/22/2024 10:13	2/22/2024 19:09	536	0
574993	2/22/2024 10:14	2/22/2024 10:24	10	0
56196	2/22/2024 10:15	2/22/2024 14:17	242	0
1671958	2/22/2024 10:15	2/22/2024 19:01	526	0.07
1704232	2/22/2024 10:16	2/22/2024 18:58	522	0.46
449036	2/22/2024 10:16	2/22/2024 11:35	79	0
417158	2/22/2024 10:17	2/22/2024 18:56	519	0
68620	2/22/2024 10:17	2/23/2024 9:00	1362.57	0
69207	2/22/2024 10:19	2/23/2024 9:00	1360.57	0
274125	2/22/2024 10:20	2/22/2024 11:39	79	0
449377	2/22/2024 10:20	2/22/2024 10:41	21	0
274059	2/22/2024 10:21	2/22/2024 11:35	74	0
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626477	2/22/2024 10:21	2/22/2024 10:37	16	0
6714863	2/22/2024 10:22	2/22/2024 19:39	557	0.13
624716	2/22/2024 10:22	2/22/2024 10:38	16	0

790670	2/22/2024 10:22	2/22/2024 19:39	557	0
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574993	2/22/2024 10:24	2/22/2024 10:29	5	0
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982261	2/22/2024 10:29	2/22/2024 19:35	546	0
574993	2/22/2024 10:29	2/22/2024 10:40	11	0
561672	2/22/2024 10:30	2/22/2024 11:33	63	0
956968	2/22/2024 10:31	2/22/2024 19:28	537	0
70277	2/22/2024 10:31	2/22/2024 19:25	534	0
1672784	2/22/2024 10:32	2/23/2024 9:00	1347.27	0
1515733	2/22/2024 10:33	2/22/2024 11:41	68	0
1414392	2/22/2024 10:33	2/22/2024 19:38	545	0
1415828	2/22/2024 10:34	2/22/2024 18:59	505.35	0
979888	2/22/2024 10:34	2/22/2024 19:24	530	0
281332	2/22/2024 10:34	2/22/2024 11:37	63	0
324249	2/22/2024 10:36	2/22/2024 15:09	273	0
1552154	2/22/2024 10:36	2/22/2024 19:28	532	0
1310926	2/22/2024 10:36	2/22/2024 11:40	64	0
1550815	2/22/2024 10:36	2/22/2024 19:20	524	0
1416360	2/22/2024 10:36	2/22/2024 19:35	539.35	0
626477	2/22/2024 10:37	2/22/2024 11:08	31	0
1546695	2/22/2024 10:38	2/22/2024 19:18	520	0
624716	2/22/2024 10:38	2/22/2024 11:04	26	0
1524033	2/22/2024 10:38	2/22/2024 19:23	525	0
325050	2/22/2024 10:39	2/22/2024 19:24	525	0
323747	2/22/2024 10:39	2/22/2024 15:07	268	0
1247921	2/22/2024 10:39	2/23/2024 5:39	1140	0
1516579	2/22/2024 10:39	2/22/2024 10:44	5	0
645339	2/22/2024 10:40	2/22/2024 11:37	57	0
574993	2/22/2024 10:40	2/22/2024 10:45	5	0
1309098	2/22/2024 10:41	2/22/2024 11:39	58	0
449377	2/22/2024 10:41	2/22/2024 10:52	11	0
265955	2/22/2024 10:41	2/22/2024 14:31	230	0
1555268	2/22/2024 10:41	2/22/2024 19:25	524	0
1405290	2/22/2024 10:41	2/22/2024 11:44	63	0
174362	2/22/2024 10:42	2/22/2024 11:45	63	0

1516579	2/22/2024 10:44	2/22/2024 10:55	11	0
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574993	2/22/2024 10:45	2/22/2024 10:50	5	0
353082	2/22/2024 10:45	2/22/2024 19:46	541	0
169731	2/22/2024 10:46	2/22/2024 11:43	57	0
353651	2/22/2024 10:46	2/22/2024 19:26	520	0
572916	2/22/2024 10:48	2/22/2024 11:34	46	0.2
1565203	2/22/2024 10:48	2/22/2024 12:17	89	0
500173	2/22/2024 10:48	2/22/2024 19:38	530	0
1020565	2/22/2024 10:49	2/22/2024 14:30	221	0
574993	2/22/2024 10:50	2/22/2024 10:56	6	0
572882	2/22/2024 10:50	2/22/2024 11:32	42	0
12370817	2/22/2024 10:50	2/22/2024 11:37	47	0
562346	2/22/2024 10:51	2/22/2024 11:38	47	0
1019446	2/22/2024 10:51	2/22/2024 14:27	216	0.02
1321114	2/22/2024 10:52	2/22/2024 19:32	520	0
195839	2/22/2024 10:52	2/22/2024 19:35	523	0
1074779	2/22/2024 10:52	2/22/2024 11:39	47	0
1320619	2/22/2024 10:52	2/22/2024 19:18	506	0
562202	2/22/2024 10:52	2/22/2024 10:57	5	0
1342974	2/22/2024 10:52	2/22/2024 12:35	103	0
197883	2/22/2024 10:52	2/22/2024 19:37	525	0
449377	2/22/2024 10:52	2/22/2024 11:02	10	0
1343091	2/22/2024 10:53	2/22/2024 11:40	47	0
197690	2/22/2024 10:53	2/22/2024 19:33	520	0
196408	2/22/2024 10:54	2/22/2024 19:34	520	0
564518	2/22/2024 10:54	2/22/2024 14:12	198	0
1093833	2/22/2024 10:55	2/23/2024 5:39	1124	0
1320646	2/22/2024 10:55	2/22/2024 19:30	515	0
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800600	2/22/2024 11:39	2/22/2024 11:54	15	0
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1685329	2/22/2024 11:40	2/22/2024 13:41	121	0
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1385431	2/22/2024 11:41	2/22/2024 19:26	465.35	0
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449377	2/22/2024 11:49	2/22/2024 12:47	58	0
70866	2/22/2024 11:49	2/23/2024 9:00	1270.57	0
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1556434	2/22/2024 11:51	2/22/2024 12:17	26	0
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574993	2/22/2024 11:53	2/22/2024 11:59	6	0
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800600	2/22/2024 11:54	2/22/2024 12:52	58	0
574993	2/22/2024 11:59	2/22/2024 12:09	10	0
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801004	2/22/2024 12:55	2/23/2024 9:00	1204	0
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1431804	2/22/2024 13:53	2/22/2024 14:35	42	0
574993	2/22/2024 13:54	2/22/2024 13:59	5	0
449377	2/22/2024 13:55	2/22/2024 14:37	42	0
574993	2/22/2024 13:59	2/22/2024 14:05	6	0
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574993	2/22/2024 14:05	2/22/2024 14:10	5	0
574596	2/22/2024 14:06	2/22/2024 14:21	15	0
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266642	2/22/2024 14:09	2/22/2024 19:37	328	0
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1393699	2/22/2024 14:14	2/22/2024 14:30	16	0
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574993	2/22/2024 14:20	2/22/2024 14:26	6	0
51483	2/22/2024 14:20	2/22/2024 19:26	306	0
860281	2/22/2024 14:20	2/22/2024 15:06	46	0
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1074779	2/22/2024 14:22	2/22/2024 15:35	73	0
1584264	2/22/2024 14:23	2/22/2024 14:51	28	0
859747	2/22/2024 14:24	2/22/2024 15:08	44	0
553863	2/22/2024 14:24	2/22/2024 14:40	16	0
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645339	2/22/2024 14:25	2/22/2024 14:38	13	0
12370817	2/22/2024 14:25	2/22/2024 15:39	74	0
1516579	2/22/2024 14:25	2/22/2024 14:30	5	0

7415418	2/22/2024 14:25	2/22/2024 14:57	32	0
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816722	2/22/2024 19:16	2/23/2024 9:00	823	0
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1349502	2/22/2024 19:20	2/23/2024 9:00	819.65	0
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1352482	2/22/2024 19:31	2/23/2024 9:00	808.65	0
1272457	2/22/2024 19:31	2/23/2024 9:00	808.65	0
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47769	2/22/2024 19:33	2/23/2024 9:00	806.57	0
197690	2/22/2024 19:33	2/23/2024 9:00	806.57	0
195666	2/22/2024 19:33	2/23/2024 9:00	806.57	0
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315380	2/22/2024 19:35	2/23/2024 9:00	804.57	0
313269	2/22/2024 19:35	2/23/2024 9:00	804.57	0
1450250	2/22/2024 19:35	2/23/2024 9:00	804.63	0
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308802	2/22/2024 19:35	2/23/2024 9:00	804.57	0
1683861	2/22/2024 19:36	2/23/2024 9:00	803.57	0
169731	2/22/2024 19:36	2/23/2024 9:00	803.57	0
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266642	2/22/2024 19:37	2/23/2024 9:00	802.57	0
658658	2/22/2024 19:37	2/23/2024 9:00	802.42	0
197356	2/22/2024 19:37	2/23/2024 9:00	802.57	0
197883	2/22/2024 19:37	2/23/2024 9:00	802.57	0
500173	2/22/2024 19:38	2/23/2024 9:00	801.27	0
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1414392	2/22/2024 19:38	2/23/2024 9:00	801.65	0
174362	2/22/2024 19:38	2/23/2024 9:00	801.57	0
444688	2/22/2024 19:38	2/23/2024 9:00	801.27	0
11081884	2/22/2024 19:38	2/23/2024 9:00	801.57	0
265955	2/22/2024 19:38	2/23/2024 9:00	801.57	0
313731	2/22/2024 19:38	2/23/2024 9:00	801.57	0
49209	2/22/2024 19:38	2/23/2024 9:00	801.57	0
456084	2/22/2024 19:39	2/23/2024 9:00	800.27	0
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790670	2/22/2024 19:39	2/23/2024 9:00	800	0
1641091	2/22/2024 19:39	2/23/2024 9:00	800.63	0
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6714863	2/22/2024 19:39	2/23/2024 9:00	800	0
317084	2/22/2024 19:40	2/23/2024 9:00	799.57	0
1556243	2/22/2024 19:40	2/23/2024 9:00	799.63	0
265335	2/22/2024 19:40	2/23/2024 9:00	799.57	0

251189	2/22/2024 19:40	2/23/2024 9:00	799.57	0
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957615	2/22/2024 19:41	2/23/2024 9:00	798.1	0
316997	2/22/2024 19:41	2/23/2024 9:00	798.57	0
519373	2/22/2024 19:41	2/23/2024 9:00	798.57	0
975066	2/22/2024 19:41	2/23/2024 9:00	798.1	0
1554218	2/22/2024 19:42	2/23/2024 9:00	797.63	0
751178	2/22/2024 19:42	2/23/2024 9:00	797.27	0
756553	2/22/2024 19:42	2/23/2024 9:00	797.27	0
1556434	2/22/2024 19:43	2/23/2024 9:00	796.63	0
381982	2/22/2024 19:43	2/23/2024 9:00	796.27	0
772378	2/22/2024 19:44	2/23/2024 9:00	795.27	0
345647	2/22/2024 19:44	2/23/2024 9:00	795.57	0
353728	2/22/2024 19:45	2/23/2024 9:00	794.57	0
456048	2/22/2024 19:45	2/23/2024 9:00	794.27	0
445867	2/22/2024 19:45	2/23/2024 9:00	794.27	0
380057	2/22/2024 19:46	2/23/2024 9:00	793.27	0
353082	2/22/2024 19:46	2/23/2024 9:00	793.57	0
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9063373	2/22/2024 19:49	2/23/2024 9:00	790.65	0
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449377	2/22/2024 20:07	2/22/2024 20:33	26	0
980870	2/22/2024 20:16	2/23/2024 8:00	704	0
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449377	2/22/2024 21:04	2/22/2024 21:20	16	0
449377	2/22/2024 21:20	2/22/2024 22:02	42	0
198082	2/22/2024 21:31	2/23/2024 9:00	688.57	0
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449377	2/22/2024 22:33	2/22/2024 22:49	16	0
1041597	2/22/2024 22:38	2/23/2024 9:00	621.1	0
449377	2/22/2024 22:49	2/22/2024 23:00	11	0
449377	2/22/2024 23:00	2/22/2024 23:26	26	0
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6995795	2/23/2024 2:04	2/23/2024 9:00	415.27	0
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449377	2/23/2024 5:55	2/23/2024 6:26	31	0
449377	2/23/2024 6:26	2/23/2024 7:13	47	0
326028	2/23/2024 6:29	2/23/2024 9:00	150.57	0
449377	2/23/2024 7:13	2/23/2024 8:16	63	0
1433348	2/23/2024 7:54	2/23/2024 9:00	65.63	0
1432940	2/23/2024 7:55	2/23/2024 9:00	64.63	0
1445317	2/23/2024 7:55	2/23/2024 9:00	64.63	0
980870	2/23/2024 8:00	2/23/2024 9:00	59.1	0
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1555376	2/23/2024 8:01	2/23/2024 9:00	58.63	0
1554677	2/23/2024 8:01	2/23/2024 9:00	58.63	0
1553065	2/23/2024 8:02	2/23/2024 9:00	57.63	0
1553525	2/23/2024 8:04	2/23/2024 9:00	55.63	0
449377	2/23/2024 8:16	2/23/2024 8:43	27	0
740241	2/23/2024 8:30	2/23/2024 9:00	29	0
1351588	2/23/2024 8:42	2/23/2024 9:00	17.65	0
449377	2/23/2024 8:43	2/23/2024 9:00	16.27	0
1493132	2/23/2024 8:43	2/23/2024 9:00	16.65	0
1465391	2/23/2024 8:43	2/23/2024 9:00	16.63	0
593397	2/23/2024 8:44	2/23/2024 9:00	15.27	0
593798	2/23/2024 8:46	2/23/2024 9:00	13.27	0
8511623	2/23/2024 8:48	2/23/2024 9:00	11.57	0
1503739	2/23/2024 8:57	2/23/2024 9:00	2.1	0
1516579	2/23/2024 9:00	2/23/2024 10:40	100	0
319279	2/23/2024 9:00	2/24/2024 9:00	1439.57	0
353728	2/23/2024 9:00	2/23/2024 10:47	107	0
1701172	2/23/2024 9:00	2/23/2024 14:25	325	0
7879030	2/23/2024 9:00	2/24/2024 9:00	1439.27	0
1394324	2/23/2024 9:00	2/23/2024 20:00	660	0
1366197	2/23/2024 9:00	2/24/2024 9:00	1439.65	0
554089	2/23/2024 9:00	2/24/2024 9:00	1439.27	0
447406	2/23/2024 9:00	2/24/2024 9:00	1439.27	0
8950281	2/23/2024 9:00	2/23/2024 17:35	515	0
345752	2/23/2024 9:00	2/24/2024 9:00	1439.57	0
8511623	2/23/2024 9:00	2/23/2024 20:00	660	0
1516786	2/23/2024 9:00	2/23/2024 11:44	164	0
10714479	2/23/2024 9:00	2/24/2024 9:00	1439.63	0
444688	2/23/2024 9:00	2/24/2024 9:00	1439.27	0
664030	2/23/2024 9:00	2/24/2024 9:00	1439	0
1288420	2/23/2024 9:00	2/24/2024 9:00	1439.65	0
953854	2/23/2024 9:00	2/24/2024 9:00	1439.72	0
562202	2/23/2024 9:00	2/23/2024 15:07	367	0
675499	2/23/2024 9:00	2/24/2024 9:00	1439	0
1352388	2/23/2024 9:00	2/24/2024 9:00	1439.65	0
574993	2/23/2024 9:00	2/23/2024 10:23	83	0

1413046	2/23/2024 9:00	2/24/2024 9:00	1439.65	0
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574993	2/23/2024 12:08	2/23/2024 12:13	5	0
1412757	2/23/2024 12:08	2/23/2024 14:08	120	0
627018	2/23/2024 12:09	2/23/2024 14:05	116	0
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587455	2/23/2024 14:31	2/23/2024 15:02	31	0

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1421188	2/23/2024 14:34	2/23/2024 19:59	325	0
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926505	2/23/2024 14:34	2/24/2024 9:00	1105	0
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859747	2/23/2024 14:35	2/23/2024 15:07	32	0

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627018	2/23/2024 14:36	2/23/2024 19:56	320	0
981933	2/23/2024 14:36	2/23/2024 15:34	58	0
99953	2/23/2024 14:36	2/23/2024 19:57	321	0
10393495	2/23/2024 14:36	2/23/2024 20:01	325	0.09
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97730	2/23/2024 14:37	2/23/2024 19:57	320	0
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101426	2/23/2024 14:37	2/23/2024 20:03	326	0
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96751	2/23/2024 14:38	2/23/2024 19:58	320	0
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658177	2/23/2024 14:39	2/23/2024 19:53	314	0
1321663	2/23/2024 14:39	2/23/2024 19:53	314	0
274125	2/23/2024 14:39	2/23/2024 19:59	320	0
274059	2/23/2024 14:39	2/23/2024 20:02	323	0
1321605	2/23/2024 14:39	2/23/2024 19:43	304	0
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1456419	2/23/2024 14:39	2/23/2024 19:54	315	0
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1320845	2/23/2024 14:40	2/23/2024 19:55	315	0
574596	2/23/2024 14:40	2/23/2024 20:00	320	0
574993	2/23/2024 14:40	2/23/2024 14:45	5	0
1412757	2/23/2024 14:40	2/23/2024 20:00	320	0
645339	2/23/2024 14:40	2/23/2024 20:01	321	0
1516579	2/23/2024 14:41	2/23/2024 14:46	5	0
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1358442	2/23/2024 19:58	2/24/2024 9:00	781.65	0
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96751	2/23/2024 19:58	2/24/2024 9:00	781.57	0
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315730	2/23/2024 19:59	2/24/2024 9:00	780.57	0
34887	2/23/2024 19:59	2/24/2024 9:00	780.57	0
68620	2/23/2024 19:59	2/24/2024 9:00	780.8	0
280780	2/23/2024 19:59	2/24/2024 9:00	780.57	0
552210	2/23/2024 19:59	2/24/2024 9:00	780.27	0
456084	2/23/2024 19:59	2/24/2024 9:00	780.27	0
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314188	2/23/2024 20:00	2/24/2024 9:00	779.57	0
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587455	2/23/2024 20:01	2/24/2024 9:00	778.27	0
330485	2/23/2024 20:01	2/24/2024 9:00	778.57	0
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562856	2/23/2024 20:01	2/24/2024 6:14	613	0
21820	2/23/2024 20:01	2/24/2024 9:00	778.57	0
197883	2/23/2024 20:01	2/24/2024 9:00	778.57	0
66685	2/23/2024 20:01	2/24/2024 9:00	778.57	0
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281332	2/23/2024 20:01	2/24/2024 9:00	778.8	0
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1360948	2/23/2024 20:01	2/24/2024 9:00	778.65	0
553863	2/23/2024 20:01	2/24/2024 6:14	613	0
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563721	2/23/2024 20:01	2/24/2024 6:14	613	0
506261	2/23/2024 20:01	2/24/2024 6:14	613	0
25674	2/23/2024 20:01	2/24/2024 9:00	778.57	0
8495805	2/23/2024 20:02	2/24/2024 9:00	777.27	0
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49209	2/23/2024 20:02	2/24/2024 9:00	777.57	0
274059	2/23/2024 20:02	2/24/2024 9:00	777.57	0
51483	2/23/2024 20:02	2/24/2024 9:00	777.57	0
174362	2/23/2024 20:02	2/24/2024 9:00	777.57	0
197356	2/23/2024 20:02	2/24/2024 9:00	777.57	0
320966	2/23/2024 20:02	2/24/2024 9:00	777.57	0
21306	2/23/2024 20:02	2/24/2024 9:00	777.57	0
8950281	2/23/2024 20:03	2/24/2024 9:00	776.57	0
280364	2/23/2024 20:03	2/24/2024 9:00	776.57	0
1430553	2/23/2024 20:03	2/24/2024 9:00	776.63	0
1553525	2/23/2024 20:03	2/24/2024 9:00	776.63	0
54382	2/23/2024 20:03	2/24/2024 9:00	776.57	0
11081884	2/23/2024 20:03	2/24/2024 9:00	776.57	0
277301	2/23/2024 20:03	2/24/2024 9:00	776.57	0
1516786	2/23/2024 20:03	2/24/2024 9:00	776.63	0
1555268	2/23/2024 20:03	2/24/2024 9:00	776.63	0
56196	2/23/2024 20:03	2/24/2024 9:00	776.57	0
1556434	2/23/2024 20:03	2/24/2024 9:00	776.63	0
1417138	2/23/2024 20:03	2/24/2024 9:00	776.65	0
101426	2/23/2024 20:03	2/24/2024 9:00	776.57	0
1551513	2/23/2024 20:04	2/24/2024 9:00	775.63	0
1514004	2/23/2024 20:04	2/24/2024 9:00	775.63	0
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4173986	2/23/2024 20:04	2/24/2024 9:00	775.57	0
9063373	2/23/2024 20:04	2/24/2024 9:00	775.65	0
353728	2/23/2024 20:04	2/24/2024 9:00	775.57	0
10013697	2/23/2024 20:04	2/24/2024 9:00	775.63	0
1576533	2/23/2024 20:05	2/24/2024 9:00	774.63	0
35442	2/23/2024 20:05	2/24/2024 9:00	774.57	0
317084	2/23/2024 20:05	2/24/2024 9:00	774.57	0
316997	2/23/2024 20:05	2/24/2024 9:00	774.57	0
1556243	2/23/2024 20:05	2/24/2024 9:00	774.63	0
69207	2/23/2024 20:05	2/24/2024 9:00	774.57	0
6583289	2/23/2024 20:06	2/24/2024 9:00	773.57	0
740241	2/23/2024 20:19	2/24/2024 9:00	760	0
980870	2/23/2024 20:19	2/24/2024 9:00	760.1	0
66588	2/23/2024 20:36	2/24/2024 9:00	743.57	0
449377	2/23/2024 20:42	2/23/2024 21:18	36	0
1376158	2/23/2024 20:46	2/24/2024 9:00	733.65	0
449377	2/23/2024 21:18	2/23/2024 22:32	74	0

449377	2/23/2024 22:32	2/23/2024 23:30	58	0
1584264	2/23/2024 22:34	2/24/2024 9:00	625.63	0
1573666	2/23/2024 23:03	2/24/2024 9:00	596.63	0
449377	2/23/2024 23:30	2/24/2024 0:06	36	0
449377	2/24/2024 0:06	2/24/2024 2:00	114	0
449377	2/24/2024 2:00	2/24/2024 2:54	54	0
449377	2/24/2024 2:54	2/24/2024 3:42	48	0
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326028	2/24/2024 5:35	2/24/2024 6:02	27	0
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511266	2/24/2024 6:14	2/24/2024 6:15	1	0
561757	2/24/2024 6:14	2/24/2024 6:15	1	0
509102	2/24/2024 6:14	2/24/2024 6:15	1	0
500173	2/24/2024 6:14	2/24/2024 6:15	1	0
563241	2/24/2024 6:14	2/24/2024 6:15	1	0
561672	2/24/2024 6:14	2/24/2024 6:15	1	0
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449036	2/24/2024 6:14	2/24/2024 6:16	2	0
510307	2/24/2024 6:14	2/24/2024 6:15	1	0
507365	2/24/2024 6:14	2/24/2024 6:15	1	0
562856	2/24/2024 6:14	2/24/2024 6:15	1	0
563721	2/24/2024 6:14	2/24/2024 6:15	1	0
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601397	2/24/2024 6:14	2/24/2024 6:15	1	0
564518	2/24/2024 6:14	2/24/2024 6:15	1	0
605186	2/24/2024 6:14	2/24/2024 6:15	1	0
553863	2/24/2024 6:14	2/24/2024 6:15	1	0
562346	2/24/2024 6:14	2/24/2024 6:15	1	0
605186	2/24/2024 6:15	2/24/2024 9:00	164.27	0
500173	2/24/2024 6:15	2/24/2024 9:00	164.27	0
506261	2/24/2024 6:15	2/24/2024 9:00	164.27	0
511266	2/24/2024 6:15	2/24/2024 9:00	164.27	0
562856	2/24/2024 6:15	2/24/2024 9:00	164.27	0
553863	2/24/2024 6:15	2/24/2024 9:00	164.27	0
562346	2/24/2024 6:15	2/24/2024 9:00	164.27	0
509102	2/24/2024 6:15	2/24/2024 9:00	164.27	0
561672	2/24/2024 6:15	2/24/2024 9:00	164.27	0
510522	2/24/2024 6:15	2/24/2024 9:00	164.27	0
563241	2/24/2024 6:15	2/24/2024 9:00	164.27	0
510307	2/24/2024 6:15	2/24/2024 9:00	164.27	0
507365	2/24/2024 6:15	2/24/2024 9:00	164.27	0
511223	2/24/2024 6:15	2/24/2024 9:00	164.27	0
601397	2/24/2024 6:15	2/24/2024 9:00	164.27	0
564518	2/24/2024 6:15	2/24/2024 9:00	164.27	0

563721	2/24/2024 6:15	2/24/2024 9:00	164.27	0
561757	2/24/2024 6:15	2/24/2024 9:00	164.27	0
449036	2/24/2024 6:16	2/24/2024 9:00	163.27	0
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574596	2/24/2024 6:38	2/24/2024 9:00	141.27	0
449377	2/24/2024 8:30	2/24/2024 9:00	29.27	0
197356	2/24/2024 9:00	2/24/2024 11:15	135	0
562202	2/24/2024 9:00	2/25/2024 9:00	1439.27	0
7879030	2/24/2024 9:00	2/25/2024 9:00	1439.27	0
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1413046	2/24/2024 9:00	2/25/2024 9:00	1439.65	0
1333801	2/24/2024 9:00	2/25/2024 9:00	1439.65	0
195839	2/24/2024 9:00	2/24/2024 20:11	671	0
96751	2/24/2024 9:00	2/25/2024 9:00	1439.57	0
811953	2/24/2024 9:00	2/25/2024 9:00	1439	0
953854	2/24/2024 9:00	2/25/2024 9:00	1439.72	0
675499	2/24/2024 9:00	2/25/2024 9:00	1439	0
319279	2/24/2024 9:00	2/25/2024 9:00	1439.8	0
326028	2/24/2024 9:00	2/24/2024 13:07	247	0
1516786	2/24/2024 9:00	2/25/2024 9:00	1439.63	0
1701172	2/24/2024 9:00	2/25/2024 9:00	1439.65	0
1348731	2/24/2024 9:00	2/25/2024 9:00	1439.65	0
1352388	2/24/2024 9:00	2/25/2024 9:00	1439.65	0
353728	2/24/2024 9:00	2/25/2024 9:00	1439.57	0
8724096	2/24/2024 9:00	2/25/2024 9:00	1439.65	0
196965	2/24/2024 9:00	2/24/2024 11:17	137	0
1516579	2/24/2024 9:00	2/25/2024 9:00	1439.63	0
10222019	2/24/2024 9:00	2/25/2024 9:00	1439.65	0
202435	2/24/2024 9:00	2/25/2024 9:00	1439.8	0
10714479	2/24/2024 9:00	2/25/2024 9:00	1439.63	0
444688	2/24/2024 9:00	2/25/2024 9:00	1439.27	0
1503739	2/24/2024 9:00	2/25/2024 9:00	1439.1	0
280780	2/24/2024 9:00	2/25/2024 9:00	1439.57	0
7937779	2/24/2024 9:00	2/25/2024 9:00	1439.65	0
8950281	2/24/2024 9:00	2/25/2024 9:00	1439.57	0
574993	2/24/2024 9:00	2/25/2024 9:00	1439.27	0
656498	2/24/2024 9:01	2/25/2024 9:00	1438	0
1515733	2/24/2024 9:01	2/25/2024 9:00	1438.63	0.25
1453263	2/24/2024 9:06	2/25/2024 9:00	1433.63	0
1513541	2/24/2024 9:07	2/25/2024 9:00	1432.63	0
1394324	2/24/2024 9:07	2/25/2024 9:00	1432.65	0
554089	2/24/2024 9:07	2/25/2024 9:00	1432.27	0
664030	2/24/2024 9:07	2/25/2024 9:00	1432	0
1366197	2/24/2024 9:07	2/25/2024 9:00	1432.65	0
1288420	2/24/2024 9:08	2/25/2024 9:00	1431.65	0
345752	2/24/2024 9:08	2/25/2024 9:00	1431.57	0
196408	2/24/2024 10:46	2/24/2024 19:57	551	0

197690	2/24/2024 10:47	2/24/2024 20:00	553	0
197883	2/24/2024 10:48	2/24/2024 19:59	551	0
197356	2/24/2024 11:15	2/24/2024 20:00	525	0
196965	2/24/2024 11:17	2/24/2024 19:57	520	0.59
1683861	2/24/2024 11:30	2/24/2024 20:01	511	0
326028	2/24/2024 13:07	2/25/2024 6:05	1018	0
196965	2/24/2024 19:57	2/25/2024 9:00	782.57	0
196408	2/24/2024 19:57	2/25/2024 9:00	782.57	0
197883	2/24/2024 19:59	2/25/2024 9:00	780.57	0
197690	2/24/2024 20:00	2/25/2024 9:00	779.57	0
197356	2/24/2024 20:00	2/25/2024 9:00	779.57	0
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195839	2/24/2024 20:11	2/25/2024 9:00	768.57	0
326028	2/25/2024 6:05	2/25/2024 8:01	116	0
1469270	2/25/2024 7:54	2/25/2024 9:00	65.63	0
1469850	2/25/2024 7:57	2/25/2024 9:00	62.63	0
1432940	2/25/2024 7:58	2/25/2024 9:00	61.63	0
326028	2/25/2024 8:01	2/25/2024 9:00	58.57	0
1433348	2/25/2024 8:02	2/25/2024 9:00	57.63	0
1463520	2/25/2024 8:05	2/25/2024 9:00	54.63	0
1535026	2/25/2024 8:18	2/25/2024 9:00	41.63	0
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1376158	2/25/2024 8:31	2/25/2024 9:00	28.65	0
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1556434	2/25/2024 9:49	2/25/2024 20:04	615	0.14
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1641091	2/25/2024 9:54	2/25/2024 12:37	163	0.52
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801004	2/25/2024 10:37	2/25/2024 19:55	558	0
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1190246	2/25/2024 10:37	2/25/2024 19:54	557	0
328817	2/25/2024 10:38	2/25/2024 11:35	57	0.24

664453	2/25/2024 10:38	2/25/2024 20:00	562	0
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1446401	2/25/2024 10:39	2/25/2024 19:57	558	0.54
1546695	2/25/2024 10:39	2/25/2024 14:22	223	0
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6714863	2/25/2024 10:50	2/25/2024 14:11	201	0
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790670	2/25/2024 10:50	2/25/2024 14:09	199	0
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1444947	2/25/2024 10:51	2/25/2024 19:56	545	0.68
1089848	2/25/2024 10:52	2/25/2024 14:15	203	0
8486022	2/25/2024 10:52	2/25/2024 19:59	547	0
456084	2/25/2024 10:53	2/25/2024 14:20	207	0
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197883	2/25/2024 10:53	2/25/2024 14:22	209	0
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500173	2/25/2024 10:53	2/25/2024 19:52	539	5.3
1518000	2/25/2024 10:53	2/25/2024 14:38	225	0
456048	2/25/2024 10:53	2/25/2024 14:20	207	0
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326028	2/25/2024 10:54	2/25/2024 11:57	63	0
1414392	2/25/2024 10:54	2/25/2024 19:59	545	0
1416360	2/25/2024 10:54	2/25/2024 20:03	549	0
1321114	2/25/2024 10:54	2/25/2024 11:54	60	0
447406	2/25/2024 10:55	2/25/2024 11:53	58	0.04
1664433	2/25/2024 10:55	2/25/2024 14:20	205	0
571143	2/25/2024 10:55	2/25/2024 20:02	547	0.73

1320646	2/25/2024 10:56	2/25/2024 19:55	539	0.82
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1654064	2/25/2024 10:56	2/25/2024 19:43	527	0
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1513398	2/25/2024 11:04	2/25/2024 14:48	224	0
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645339	2/25/2024 11:06	2/25/2024 11:59	53	0
1431804	2/25/2024 11:19	2/25/2024 19:52	513	0
1321750	2/25/2024 11:19	2/26/2024 9:00	1300.65	0
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127206	2/25/2024 11:20	2/26/2024 9:00	1299.57	0
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10393495	2/25/2024 11:24	2/25/2024 12:03	38.77	0
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327311	2/25/2024 11:25	2/25/2024 11:35	10	0
980398	2/25/2024 11:26	2/25/2024 15:51	265	0
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1064514	2/25/2024 11:27	2/25/2024 19:50	503	0
415949	2/25/2024 11:28	2/25/2024 19:56	508	0
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1493132	2/25/2024 11:32	2/25/2024 12:13	41	0.67
330528	2/25/2024 11:32	2/25/2024 19:16	464	0
1064575	2/25/2024 11:32	2/25/2024 19:52	500	0.11
9063373	2/25/2024 11:33	2/25/2024 12:02	29	0
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726904	2/25/2024 11:34	2/26/2024 9:00	1285.42	0
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581074	2/25/2024 11:34	2/25/2024 20:01	507	0
277818	2/25/2024 11:34	2/25/2024 12:52	78	0
327311	2/25/2024 11:35	2/25/2024 20:03	508	0
281235	2/25/2024 11:35	2/25/2024 12:51	76	0
328817	2/25/2024 11:35	2/25/2024 19:52	497	0.24
574993	2/25/2024 11:35	2/25/2024 11:49	14	0
449036	2/25/2024 11:35	2/25/2024 14:22	167	0.4

277301	2/25/2024 11:36	2/25/2024 12:53	77	0
646026	2/25/2024 11:36	2/25/2024 12:10	34	0
1309098	2/25/2024 11:36	2/25/2024 14:26	170	1.26
328408	2/25/2024 11:36	2/25/2024 14:06	150	0.08
484135	2/25/2024 11:36	2/26/2024 9:00	1283.27	0
574596	2/25/2024 11:36	2/25/2024 12:07	31	0
574993	2/25/2024 11:49	2/25/2024 12:05	16	0
274059	2/25/2024 11:50	2/25/2024 13:11	81	0
449377	2/25/2024 11:51	2/25/2024 12:28	37	0
564518	2/25/2024 11:51	2/25/2024 14:40	169	0
195839	2/25/2024 11:51	2/25/2024 14:25	154	0.05
447406	2/25/2024 11:53	2/25/2024 14:20	147	0.3
482587	2/25/2024 11:53	2/26/2024 9:00	1266.27	0
1321114	2/25/2024 11:54	2/25/2024 15:08	194	0
7415418	2/25/2024 11:55	2/25/2024 19:58	483	0.01
274125	2/25/2024 11:56	2/25/2024 12:49	53	0
326028	2/25/2024 11:57	2/25/2024 13:37	100	0
327693	2/25/2024 11:57	2/25/2024 13:36	99	0
1310926	2/25/2024 11:59	2/25/2024 14:26	147	0
645339	2/25/2024 11:59	2/25/2024 12:52	53	0
1515733	2/25/2024 11:59	2/25/2024 14:10	131	1.74
1685329	2/25/2024 12:00	2/25/2024 14:22	142	0
1272457	2/25/2024 12:02	2/25/2024 12:17	15	0
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601397	2/25/2024 12:04	2/25/2024 14:37	153	0
105666	2/25/2024 12:04	2/25/2024 19:52	468	0
70866	2/25/2024 12:04	2/25/2024 14:04	120	0
574993	2/25/2024 12:05	2/25/2024 12:10	5	0
479880	2/25/2024 12:05	2/25/2024 14:33	148	0
574596	2/25/2024 12:07	2/25/2024 14:07	120	0
740241	2/25/2024 12:07	2/25/2024 14:24	137	0
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1394324	2/25/2024 12:07	2/25/2024 14:50	163	0
204700	2/25/2024 12:09	2/25/2024 19:56	467	0
574993	2/25/2024 12:10	2/25/2024 12:21	11	0
646026	2/25/2024 12:10	2/25/2024 12:52	42	0
1493132	2/25/2024 12:13	2/25/2024 13:57	104	0.2
8495802	2/25/2024 12:13	2/25/2024 14:13	120	0.18
10433250	2/25/2024 12:13	2/25/2024 14:01	108	0.14
1567514	2/25/2024 12:15	2/26/2024 9:00	1244.63	0
1700586	2/25/2024 12:15	2/25/2024 12:57	42	0
1376158	2/25/2024 12:16	2/25/2024 12:47	31	0
1272457	2/25/2024 12:17	2/25/2024 15:47	210	0
328113	2/25/2024 12:19	2/26/2024 9:00	1240.57	0.01
581832	2/25/2024 12:20	2/25/2024 12:36	16	0
574993	2/25/2024 12:21	2/25/2024 12:26	5	0

574993	2/25/2024 12:26	2/25/2024 13:39	73	0
449377	2/25/2024 12:28	2/25/2024 13:31	63	0
1565203	2/25/2024 12:32	2/25/2024 14:33	121	0
581832	2/25/2024 12:36	2/25/2024 13:49	73	0
1641091	2/25/2024 12:37	2/25/2024 20:08	451	0.04
1516432	2/25/2024 12:39	2/25/2024 19:56	437	0
1671261	2/25/2024 12:40	2/26/2024 9:00	1219.27	0
1517291	2/25/2024 12:40	2/25/2024 20:12	452	0
1517747	2/25/2024 12:40	2/25/2024 20:06	446	0
1516997	2/25/2024 12:41	2/25/2024 19:57	436	0
1523524	2/25/2024 12:42	2/25/2024 19:58	436	0
370776	2/25/2024 12:45	2/26/2024 9:00	1214.27	0
1376158	2/25/2024 12:47	2/25/2024 16:43	236	0
4173986	2/25/2024 12:49	2/26/2024 9:00	1210.57	0
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1939790	2/25/2024 14:50	2/25/2024 19:55	305	0.55
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664453	2/25/2024 20:00	2/26/2024 9:00	779	0
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852071	2/25/2024 20:02	2/26/2024 9:00	777	0
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1641091	2/25/2024 20:08	2/26/2024 9:00	771.63	0
574993	2/25/2024 20:08	2/26/2024 9:00	771.27	0
324045	2/25/2024 20:08	2/26/2024 9:00	771.57	0
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581832	2/25/2024 20:13	2/25/2024 21:57	104	0
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317233	2/25/2024 21:37	2/26/2024 9:00	682.57	0
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581832	2/26/2024 7:51	2/26/2024 8:22	31	0
449377	2/26/2024 7:52	2/26/2024 8:24	32	0

1433348	2/26/2024 7:54	2/26/2024 9:00	65.63	0
1432940	2/26/2024 7:54	2/26/2024 9:00	65.63	0
1376158	2/26/2024 7:57	2/26/2024 9:00	62.65	0
1445317	2/26/2024 7:57	2/26/2024 9:00	62.63	0
324290	2/26/2024 8:21	2/26/2024 9:00	38.57	0
581832	2/26/2024 8:22	2/26/2024 9:00	37.27	0
449377	2/26/2024 8:24	2/26/2024 8:39	15	0
1466638	2/26/2024 8:25	2/26/2024 9:00	34.63	0
1465391	2/26/2024 8:28	2/26/2024 9:00	31.63	0
740241	2/26/2024 8:36	2/26/2024 9:00	23	0
449377	2/26/2024 8:39	2/26/2024 8:55	16	0
8511623	2/26/2024 8:42	2/26/2024 9:00	17.57	0
1272457	2/26/2024 8:47	2/26/2024 9:00	12.65	0
449377	2/26/2024 8:55	2/26/2024 9:00	4.27	0
10714479	2/26/2024 9:00	2/27/2024 9:00	1439.63	0
664030	2/26/2024 9:00	2/27/2024 9:00	1439	0
7415418	2/26/2024 9:00	2/27/2024 9:00	1439.65	0
202435	2/26/2024 9:00	2/27/2024 9:00	1439.8	0
1413046	2/26/2024 9:00	2/27/2024 9:00	1439.65	0
675499	2/26/2024 9:00	2/26/2024 13:39	279	0
562202	2/26/2024 9:00	2/27/2024 9:00	1439.27	0
444688	2/26/2024 9:00	2/27/2024 9:00	1439.27	0
1288420	2/26/2024 9:00	2/27/2024 9:00	1439.65	0
1516786	2/26/2024 9:00	2/27/2024 9:00	1439.63	0
345752	2/26/2024 9:00	2/27/2024 9:00	1439.57	0
953854	2/26/2024 9:00	2/27/2024 9:00	1439.72	0
1352388	2/26/2024 9:00	2/27/2024 9:00	1439.65	0
447406	2/26/2024 9:00	2/26/2024 11:22	142	0.01
8950281	2/26/2024 9:00	2/26/2024 14:32	332	0
916360	2/26/2024 9:00	2/27/2024 9:00	1439.42	0
574993	2/26/2024 9:00	2/26/2024 14:09	309	0
7879030	2/26/2024 9:00	2/26/2024 11:28	148	0
8724096	2/26/2024 9:00	2/27/2024 9:00	1439.65	0
96751	2/26/2024 9:00	2/27/2024 9:00	1439.57	0
326028	2/26/2024 9:00	2/26/2024 18:55	595	0
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319279	2/26/2024 9:00	2/27/2024 9:00	1439.8	0
1453263	2/26/2024 9:00	2/26/2024 11:22	142.23	0
1701172	2/26/2024 9:00	2/26/2024 19:48	648	0
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740241	2/26/2024 9:07	2/26/2024 11:34	147	0
1432940	2/26/2024 9:07	2/26/2024 11:55	168	0
811953	2/26/2024 9:07	2/27/2024 9:00	1432	0

1394324	2/26/2024 9:07	2/26/2024 20:06	659	0
1433348	2/26/2024 9:08	2/26/2024 11:55	167	0
7937779	2/26/2024 9:08	2/26/2024 10:42	94	0
324290	2/26/2024 9:08	2/26/2024 20:03	655	0
8511623	2/26/2024 9:08	2/26/2024 20:04	656	0
325050	2/26/2024 9:08	2/26/2024 20:04	656	0
1513541	2/26/2024 9:09	2/27/2024 9:00	1430.63	0
1465391	2/26/2024 9:10	2/26/2024 11:58	168	0.07
1521914	2/26/2024 9:11	2/26/2024 11:54	163	0
593798	2/26/2024 9:15	2/26/2024 19:56	641	0
980398	2/26/2024 9:16	2/26/2024 19:46	630	0
593397	2/26/2024 9:17	2/26/2024 19:56	639	0.12
385332	2/26/2024 9:28	2/26/2024 19:49	621	0
1272457	2/26/2024 9:29	2/26/2024 14:33	304	0
314188	2/26/2024 9:31	2/26/2024 10:06	35	0
315169	2/26/2024 9:32	2/26/2024 10:04	32	0
315730	2/26/2024 9:33	2/26/2024 10:05	32	0
317233	2/26/2024 9:36	2/26/2024 19:58	622	0.7
1368745	2/26/2024 9:36	2/26/2024 19:38	602	0.26
1551513	2/26/2024 9:37	2/26/2024 20:08	631	0
6280623	2/26/2024 9:37	2/26/2024 20:00	623	0.05
314899	2/26/2024 9:38	2/26/2024 20:04	626	0
523489	2/26/2024 9:38	2/26/2024 20:03	625	2.43
8104722	2/26/2024 9:38	2/26/2024 20:04	626	0
10013697	2/26/2024 9:38	2/26/2024 20:02	624	0
1466357	2/26/2024 9:39	2/26/2024 11:58	139	0
1551510	2/26/2024 9:40	2/26/2024 11:05	85	0
317084	2/26/2024 9:42	2/26/2024 20:06	623.77	0
1020387	2/26/2024 9:44	2/26/2024 11:45	121	0.44
1321605	2/26/2024 9:44	2/26/2024 19:46	602	1.01
317797	2/26/2024 9:44	2/26/2024 20:03	619	0
1672784	2/26/2024 9:49	2/27/2024 9:00	1390.27	0.15
1515733	2/26/2024 9:53	2/26/2024 11:39	106	0.74
1320008	2/26/2024 9:53	2/26/2024 19:46	593	0.64
1421188	2/26/2024 9:53	2/26/2024 20:02	609	0
188639	2/26/2024 9:55	2/26/2024 11:13	78	0.06
553863	2/26/2024 9:55	2/26/2024 11:55	120	0
26921	2/26/2024 9:55	2/26/2024 14:14	259	1.06
1445317	2/26/2024 9:57	2/26/2024 19:57	600	0
664453	2/26/2024 9:58	2/26/2024 19:59	601	0
27443	2/26/2024 9:58	2/26/2024 14:10	252	0.44
34613	2/26/2024 9:58	2/26/2024 20:06	608	0.01
982261	2/26/2024 9:59	2/26/2024 19:58	599	2.35
25674	2/26/2024 10:00	2/26/2024 11:14	74	0
979888	2/26/2024 10:00	2/26/2024 19:53	593	0
1464949	2/26/2024 10:03	2/26/2024 20:03	600	0
1430294	2/26/2024 10:04	2/26/2024 19:58	594	0

624716	2/26/2024 10:04	2/26/2024 10:36	32	0
47769	2/26/2024 10:04	2/26/2024 20:02	598	0
281235	2/26/2024 10:04	2/26/2024 11:38	94	0
9063373	2/26/2024 10:04	2/26/2024 14:22	258	0
315169	2/26/2024 10:04	2/26/2024 20:03	598.77	0
49209	2/26/2024 10:04	2/26/2024 20:08	604	0
1604432	2/26/2024 10:05	2/26/2024 20:07	602	2.15
1463218	2/26/2024 10:05	2/26/2024 19:53	588	0
626477	2/26/2024 10:05	2/26/2024 10:36	31	0
315730	2/26/2024 10:05	2/26/2024 20:03	598	0.64
314188	2/26/2024 10:06	2/26/2024 20:04	597.77	0
1412757	2/26/2024 10:06	2/26/2024 11:35	89	0
801004	2/26/2024 10:06	2/26/2024 11:40	94	0
800600	2/26/2024 10:08	2/26/2024 11:37	89	0
800590	2/26/2024 10:10	2/26/2024 11:39	89	0
1309098	2/26/2024 10:10	2/26/2024 11:55	105	0.64
1310926	2/26/2024 10:10	2/26/2024 11:54	104	0
316997	2/26/2024 10:10	2/26/2024 20:10	600	0
1552154	2/26/2024 10:10	2/26/2024 15:04	294	0.31
800588	2/26/2024 10:10	2/26/2024 11:40	90	0
800576	2/26/2024 10:10	2/26/2024 19:53	583	0
645339	2/26/2024 10:10	2/26/2024 11:55	105	0
8148103	2/26/2024 10:12	2/26/2024 20:12	600	0
1393699	2/26/2024 10:14	2/26/2024 20:03	589	1.07
561672	2/26/2024 10:15	2/26/2024 14:32	257	0
957615	2/26/2024 10:15	2/26/2024 20:00	585	0
328570	2/26/2024 10:17	2/26/2024 11:46	89	1.05
449377	2/26/2024 10:19	2/26/2024 10:29	10	0
449036	2/26/2024 10:19	2/26/2024 11:48	89	0.24
971524	2/26/2024 10:19	2/26/2024 11:38	79	0
507365	2/26/2024 10:20	2/26/2024 20:03	583	0
627018	2/26/2024 10:20	2/26/2024 11:39	79	0.32
601397	2/26/2024 10:20	2/26/2024 14:52	272	0
1417279	2/26/2024 10:20	2/26/2024 19:58	578	0.48
1494722	2/26/2024 10:20	2/26/2024 20:04	584	1.47
324249	2/26/2024 10:21	2/26/2024 20:04	583	0
510307	2/26/2024 10:21	2/26/2024 19:53	572	0.05
274059	2/26/2024 10:21	2/26/2024 11:34	73	0
324045	2/26/2024 10:22	2/26/2024 20:10	588	0.05
323747	2/26/2024 10:22	2/26/2024 20:04	582	2.31
627289	2/26/2024 10:23	2/26/2024 11:37	74	0
605186	2/26/2024 10:23	2/26/2024 20:01	578	0
609850	2/26/2024 10:24	2/26/2024 10:39	15	0
511266	2/26/2024 10:25	2/26/2024 20:44	619	0
506261	2/26/2024 10:25	2/26/2024 20:02	577	0.17
1089848	2/26/2024 10:26	2/26/2024 11:28	62	0
1190246	2/26/2024 10:26	2/26/2024 19:58	572	0

610737	2/26/2024 10:26	2/26/2024 10:37	11	0
954637	2/26/2024 10:29	2/26/2024 19:45	556	0
449377	2/26/2024 10:29	2/26/2024 11:01	32	0
353082	2/26/2024 10:29	2/26/2024 20:05	576	1.2
956968	2/26/2024 10:30	2/26/2024 19:52	562	0
954332	2/26/2024 10:30	2/26/2024 19:46	556	0
353728	2/26/2024 10:31	2/27/2024 8:44	1333	0
416557	2/26/2024 10:31	2/26/2024 14:32	241	0
479880	2/26/2024 10:32	2/26/2024 10:37	5	0
11081884	2/26/2024 10:33	2/26/2024 20:08	575	0
623871	2/26/2024 10:34	2/26/2024 11:05	31	0
945898	2/26/2024 10:34	2/26/2024 19:45	551	0
195666	2/26/2024 10:34	2/26/2024 11:21	47	0
353651	2/26/2024 10:34	2/26/2024 20:04	570	0
1683861	2/26/2024 10:35	2/26/2024 11:07	32	0.02
1416360	2/26/2024 10:35	2/26/2024 20:07	572	0
1415828	2/26/2024 10:35	2/26/2024 20:02	567	0
195839	2/26/2024 10:35	2/26/2024 20:03	568	0
70866	2/26/2024 10:35	2/26/2024 14:21	226	0
197690	2/26/2024 10:36	2/26/2024 20:04	568	0
1320646	2/26/2024 10:36	2/26/2024 11:08	32	0
624716	2/26/2024 10:36	2/26/2024 11:07	31	0
623069	2/26/2024 10:36	2/26/2024 11:07	31	0
197883	2/26/2024 10:36	2/26/2024 20:03	567	0
626477	2/26/2024 10:36	2/26/2024 11:08	32	0
623612	2/26/2024 10:36	2/26/2024 11:08	32	0
1414392	2/26/2024 10:37	2/26/2024 20:04	567	0
610737	2/26/2024 10:37	2/26/2024 10:52	15	0
479880	2/26/2024 10:37	2/26/2024 11:35	58	0
793285	2/26/2024 10:37	2/26/2024 14:08	211	0.6
198082	2/26/2024 10:38	2/26/2024 11:04	26	0
1320845	2/26/2024 10:38	2/26/2024 19:49	551	1.55
609850	2/26/2024 10:39	2/26/2024 10:55	16	0
237266	2/26/2024 10:39	2/26/2024 14:10	211	0
1320619	2/26/2024 10:39	2/26/2024 11:10	31	0
790670	2/26/2024 10:40	2/26/2024 14:08	208	0.25
29635	2/26/2024 10:40	2/26/2024 14:16	216	0
1641091	2/26/2024 10:40	2/26/2024 11:54	74	0.63
1523524	2/26/2024 10:40	2/26/2024 11:53	73	1.14
1463520	2/26/2024 10:41	2/26/2024 13:13	152	0
237177	2/26/2024 10:41	2/26/2024 14:11	210	0
6714863	2/26/2024 10:41	2/26/2024 14:08	207	0
955448	2/26/2024 10:41	2/26/2024 19:47	546	0
957216	2/26/2024 10:41	2/26/2024 19:52	551	0
1321114	2/26/2024 10:41	2/26/2024 11:07	26	0
237312	2/26/2024 10:41	2/26/2024 14:11	210	1.35
7937779	2/26/2024 10:42	2/26/2024 20:04	562	0

238732	2/26/2024 10:42	2/26/2024 14:14	212	0.78
1375642	2/26/2024 10:42	2/26/2024 20:10	568	0
174362	2/26/2024 10:42	2/26/2024 11:14	32	0
980870	2/26/2024 10:45	2/26/2024 19:57	552	0
56196	2/26/2024 10:45	2/26/2024 14:30	225	0
11176351	2/26/2024 10:45	2/26/2024 20:01	556	0
1685329	2/26/2024 10:46	2/26/2024 11:55	69	0
10433250	2/26/2024 10:46	2/26/2024 20:04	558	2.07
1325985	2/26/2024 10:46	2/27/2024 9:00	1333.65	0
169731	2/26/2024 10:46	2/27/2024 9:00	1333.57	0
982898	2/26/2024 10:46	2/26/2024 11:02	16	0
320966	2/26/2024 10:47	2/26/2024 11:29	42	0
1493132	2/26/2024 10:47	2/26/2024 20:06	559	4.4
8495802	2/26/2024 10:47	2/26/2024 20:05	558	2.75
1503739	2/26/2024 10:48	2/26/2024 19:47	539	0.47
1565203	2/26/2024 10:48	2/26/2024 11:45	57	0
981933	2/26/2024 10:48	2/26/2024 19:54	546	0
10659831	2/26/2024 10:51	2/26/2024 20:02	551	0
1516579	2/26/2024 10:51	2/26/2024 11:39	48	0
274125	2/26/2024 10:51	2/26/2024 11:36	45	0
8068454	2/26/2024 10:52	2/26/2024 11:39	47	0
610737	2/26/2024 10:52	2/26/2024 11:08	16	0
989956	2/26/2024 10:52	2/26/2024 19:44	532	0
918098	2/26/2024 10:53	2/26/2024 11:56	63	0
1546695	2/26/2024 10:53	2/26/2024 13:05	132	0
1433522	2/26/2024 10:55	2/26/2024 19:56	541	0
8734029	2/26/2024 10:55	2/26/2024 20:07	552	0.35
564518	2/26/2024 10:55	2/26/2024 11:52	57	0
1431996	2/26/2024 10:55	2/26/2024 20:04	549.23	0.15
609850	2/26/2024 10:55	2/26/2024 11:11	16	0
1654064	2/26/2024 10:56	2/26/2024 11:59	63	0
1434550	2/26/2024 10:56	2/26/2024 19:56	540	0.08
956125	2/26/2024 10:56	2/26/2024 19:56	540	1.84
1393633	2/26/2024 10:57	2/26/2024 19:58	541	3.02
975066	2/26/2024 10:57	2/26/2024 11:44	47	0
1435945	2/26/2024 10:57	2/26/2024 19:58	541	0.11
658177	2/26/2024 10:57	2/26/2024 19:51	534	0.23
1432509	2/26/2024 10:58	2/26/2024 19:54	536	0
41508	2/26/2024 10:58	2/26/2024 12:01	63	0.75
1432607	2/26/2024 10:59	2/27/2024 9:00	1320.63	0
1378273	2/26/2024 11:00	2/26/2024 19:58	538	0
1377926	2/26/2024 11:01	2/26/2024 20:01	540	0
449377	2/26/2024 11:01	2/26/2024 11:54	53	0
14239	2/26/2024 11:01	2/26/2024 11:16	15	0
991227	2/26/2024 11:02	2/26/2024 11:34	32	0
982898	2/26/2024 11:02	2/26/2024 19:47	525	0.12
989680	2/26/2024 11:02	2/26/2024 11:33	31	0

562727	2/26/2024 11:02	2/26/2024 14:32	210	0
549259	2/26/2024 11:02	2/26/2024 11:49	47	0
1378582	2/26/2024 11:02	2/26/2024 19:59	537	0.27
563721	2/26/2024 11:02	2/26/2024 14:32	210	0
1515964	2/26/2024 11:02	2/26/2024 20:04	542	0
260516	2/26/2024 11:03	2/26/2024 19:59	536	0.82
988954	2/26/2024 11:03	2/26/2024 11:35	32	0
11435788	2/26/2024 11:03	2/26/2024 11:19	16	0
259674	2/26/2024 11:03	2/26/2024 19:59	536	0
68620	2/26/2024 11:04	2/26/2024 11:19	15	0
198082	2/26/2024 11:04	2/26/2024 11:20	16	0
1551510	2/26/2024 11:05	2/26/2024 11:21	16	0
623871	2/26/2024 11:05	2/26/2024 14:35	210	0
197356	2/26/2024 11:06	2/26/2024 20:01	535	0
646026	2/26/2024 11:06	2/26/2024 11:54	48	0
127206	2/26/2024 11:06	2/27/2024 9:00	1313.8	0
69207	2/26/2024 11:06	2/26/2024 11:17	11	0
317126	2/26/2024 11:07	2/27/2024 9:00	1312.57	0
1683861	2/26/2024 11:07	2/26/2024 20:01	534	0.49
1321663	2/26/2024 11:07	2/26/2024 19:49	522	0
1321114	2/26/2024 11:07	2/26/2024 19:52	525	0
623069	2/26/2024 11:07	2/26/2024 14:37	210	0
1321750	2/26/2024 11:07	2/26/2024 19:57	530	0
574596	2/26/2024 11:07	2/26/2024 14:08	181	0
1376158	2/26/2024 11:07	2/26/2024 20:07	540	0
624716	2/26/2024 11:07	2/26/2024 14:37	210	0
1417138	2/26/2024 11:08	2/26/2024 20:03	535	0
660265	2/26/2024 11:08	2/26/2024 11:13	5	0
610737	2/26/2024 11:08	2/26/2024 11:24	16	0
196965	2/26/2024 11:08	2/26/2024 20:04	536	0.07
10393495	2/26/2024 11:08	2/26/2024 11:34	26	0
1320646	2/26/2024 11:08	2/26/2024 19:58	530	0
623612	2/26/2024 11:08	2/26/2024 14:38	210	0
626477	2/26/2024 11:08	2/26/2024 14:38	210	0
1320619	2/26/2024 11:10	2/26/2024 19:54	524	0
23462	2/26/2024 11:10	2/26/2024 14:13	183	0
609850	2/26/2024 11:11	2/26/2024 11:27	16	0
378229	2/26/2024 11:11	2/26/2024 11:43	32	0
26864	2/26/2024 11:11	2/26/2024 11:27	16	0
975032	2/26/2024 11:11	2/26/2024 12:56	105	0
29848	2/26/2024 11:12	2/26/2024 20:08	536	0.57
658642	2/26/2024 11:12	2/26/2024 19:57	525	0.06
975191	2/26/2024 11:12	2/26/2024 14:11	179	0
188639	2/26/2024 11:13	2/26/2024 14:28	195	0.35
27483	2/26/2024 11:13	2/26/2024 20:04	531	0
660265	2/26/2024 11:13	2/26/2024 19:58	525	0
34905	2/26/2024 11:13	2/26/2024 14:12	179	0

1064514	2/26/2024 11:13	2/26/2024 19:47	514	0
25674	2/26/2024 11:14	2/26/2024 14:33	199	0
174362	2/26/2024 11:14	2/26/2024 20:04	530	0
189581	2/26/2024 11:14	2/26/2024 20:06	532	0
1064575	2/26/2024 11:14	2/26/2024 19:57	523	0.02
14239	2/26/2024 11:16	2/26/2024 14:15	179	0
14605	2/26/2024 11:17	2/26/2024 20:07	529.77	0
69207	2/26/2024 11:17	2/26/2024 14:20	183	0
1514004	2/26/2024 11:17	2/26/2024 20:08	531	0
1573666	2/26/2024 11:17	2/26/2024 21:22	605	0
1513240	2/26/2024 11:18	2/26/2024 20:04	526	0.83
15611	2/26/2024 11:18	2/26/2024 20:08	530	0
314350	2/26/2024 11:19	2/27/2024 9:00	1300.57	0
277818	2/26/2024 11:19	2/26/2024 11:39	20	0
1432827	2/26/2024 11:19	2/26/2024 14:37	198	0
13876	2/26/2024 11:19	2/26/2024 20:07	527.77	0
926657	2/26/2024 11:19	2/26/2024 19:54	515	0
519373	2/26/2024 11:19	2/26/2024 20:09	530	1.07
68620	2/26/2024 11:19	2/26/2024 14:18	179	0
11435788	2/26/2024 11:19	2/26/2024 14:18	179	0
13912	2/26/2024 11:20	2/26/2024 20:06	526	0
198082	2/26/2024 11:20	2/26/2024 20:03	523	0
277301	2/26/2024 11:20	2/26/2024 11:35	15	0
1513398	2/26/2024 11:20	2/26/2024 20:03	523	0
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4173986	2/26/2024 11:22	2/26/2024 11:37	15	0
624411	2/26/2024 11:22	2/27/2024 9:00	1297.27	0.02
1453263	2/26/2024 11:22	2/26/2024 11:38	16	0
68308	2/26/2024 11:22	2/27/2024 9:00	1297.57	0
447406	2/26/2024 11:22	2/26/2024 16:11	289	0.23
1431804	2/26/2024 11:22	2/26/2024 14:36	194	0
1550815	2/26/2024 11:23	2/26/2024 19:58	515	0
276488	2/26/2024 11:23	2/26/2024 11:39	16	0
626600	2/26/2024 11:23	2/27/2024 9:00	1296.27	0
610737	2/26/2024 11:24	2/26/2024 11:55	31	0
381982	2/26/2024 11:24	2/26/2024 20:04	520	0
609437	2/26/2024 11:24	2/27/2024 9:00	1295.27	0
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609850	2/26/2024 11:27	2/26/2024 11:53	26	0.23
26864	2/26/2024 11:27	2/26/2024 13:12	105	0
380736	2/26/2024 11:27	2/26/2024 19:51	504	0.09
8910809	2/26/2024 11:27	2/26/2024 20:01	514	0
6995795	2/26/2024 11:28	2/26/2024 20:04	516	0
7879030	2/26/2024 11:28	2/26/2024 19:57	509	0
1089848	2/26/2024 11:28	2/26/2024 11:44	16	0

320966	2/26/2024 11:29	2/26/2024 12:21	52	0
1400258	2/26/2024 11:30	2/26/2024 19:58	508	0
989680	2/26/2024 11:33	2/26/2024 11:49	16	0
1395587	2/26/2024 11:33	2/26/2024 19:57	504	0
726904	2/26/2024 11:33	2/27/2024 9:00	1286.42	0
740241	2/26/2024 11:34	2/26/2024 12:05	31	0
274059	2/26/2024 11:34	2/26/2024 11:51	17	0
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10393495	2/26/2024 11:34	2/26/2024 11:50	16	0
991227	2/26/2024 11:34	2/26/2024 11:50	16	0
277301	2/26/2024 11:35	2/26/2024 11:51	16	0
1412757	2/26/2024 11:35	2/26/2024 15:35	240	0
988954	2/26/2024 11:35	2/26/2024 11:50	15	0
479880	2/26/2024 11:35	2/26/2024 12:11	36	0
2923717	2/26/2024 11:35	2/26/2024 13:51	136	0
274125	2/26/2024 11:36	2/26/2024 13:34	118	0
1556243	2/26/2024 11:36	2/26/2024 12:07	31	0
800600	2/26/2024 11:37	2/26/2024 12:40	63	0
627289	2/26/2024 11:37	2/26/2024 14:36	179	0
4173986	2/26/2024 11:37	2/26/2024 11:53	16	0
500173	2/26/2024 11:37	2/26/2024 14:35	178	0.1
1456419	2/26/2024 11:38	2/26/2024 14:37	179	0
281235	2/26/2024 11:38	2/26/2024 11:53	15	0
971524	2/26/2024 11:38	2/26/2024 14:37	179	0
552210	2/26/2024 11:38	2/26/2024 11:54	16	0
1453263	2/26/2024 11:38	2/26/2024 14:41	183	0
277818	2/26/2024 11:39	2/26/2024 11:50	11	0
1515733	2/26/2024 11:39	2/26/2024 11:54	15	0.15
627018	2/26/2024 11:39	2/26/2024 14:37	178	0.28
800590	2/26/2024 11:39	2/26/2024 12:36	57	0
1516579	2/26/2024 11:39	2/26/2024 11:54	15	0
8068454	2/26/2024 11:39	2/26/2024 12:53	74	0
1332906	2/26/2024 11:39	2/26/2024 14:38	179	0.05
276488	2/26/2024 11:39	2/26/2024 11:49	10	0
801004	2/26/2024 11:40	2/26/2024 12:38	58	0
800588	2/26/2024 11:40	2/26/2024 12:37	57	0
1034043	2/26/2024 11:43	2/26/2024 14:10	147	0
378229	2/26/2024 11:43	2/26/2024 11:58	15	0
975066	2/26/2024 11:44	2/26/2024 12:10	26	0
1020274	2/26/2024 11:44	2/26/2024 13:50	126	0.49
1399519	2/26/2024 11:44	2/26/2024 20:07	503	0
1089848	2/26/2024 11:44	2/26/2024 12:11	27	0
419000	2/26/2024 11:45	2/26/2024 12:59	74	0
1020387	2/26/2024 11:45	2/26/2024 13:53	128	0.59
1565203	2/26/2024 11:45	2/26/2024 12:01	16	0
328570	2/26/2024 11:46	2/26/2024 20:06	500	0.59
449036	2/26/2024 11:48	2/26/2024 14:31	163	0.12

549259	2/26/2024 11:49	2/26/2024 14:47	178	0
276488	2/26/2024 11:49	2/26/2024 13:34	105	0.24
989680	2/26/2024 11:49	2/26/2024 12:05	16	0
277818	2/26/2024 11:50	2/26/2024 13:40	110	0
991227	2/26/2024 11:50	2/26/2024 12:07	17	0
988954	2/26/2024 11:50	2/26/2024 12:06	16	0
10393495	2/26/2024 11:50	2/26/2024 13:35	105	0
274059	2/26/2024 11:51	2/26/2024 14:23	152	0
277301	2/26/2024 11:51	2/26/2024 13:35	104	0
564518	2/26/2024 11:52	2/26/2024 12:55	63	0
1523524	2/26/2024 11:53	2/26/2024 12:09	16	0
609850	2/26/2024 11:53	2/26/2024 12:09	16	0
281235	2/26/2024 11:53	2/26/2024 13:38	105	0
4173986	2/26/2024 11:53	2/26/2024 13:38	105	0
1516579	2/26/2024 11:54	2/26/2024 13:39	105	0
1310926	2/26/2024 11:54	2/26/2024 12:11	17	0
1521914	2/26/2024 11:54	2/26/2024 12:09	15	0
646026	2/26/2024 11:54	2/26/2024 12:09	15	0
1641091	2/26/2024 11:54	2/26/2024 12:09	15	0.08
449377	2/26/2024 11:54	2/26/2024 12:46	52	0
1519179	2/26/2024 11:54	2/26/2024 12:10	16	0
1515733	2/26/2024 11:54	2/26/2024 13:39	105	0.17
552210	2/26/2024 11:54	2/26/2024 12:36	42	0
553863	2/26/2024 11:55	2/26/2024 12:53	58	0
1309098	2/26/2024 11:55	2/26/2024 12:10	15	0.11
610737	2/26/2024 11:55	2/26/2024 12:11	16	0
1685329	2/26/2024 11:55	2/26/2024 12:10	15	0
1433348	2/26/2024 11:55	2/26/2024 14:54	179	0
1432940	2/26/2024 11:55	2/26/2024 14:54	179	0
1519715	2/26/2024 11:55	2/26/2024 12:10	15	0
645339	2/26/2024 11:55	2/26/2024 14:53	178	0
918098	2/26/2024 11:56	2/26/2024 12:22	26	0
1469866	2/26/2024 11:57	2/26/2024 13:10	73	0
1466357	2/26/2024 11:58	2/26/2024 13:12	74	0
378229	2/26/2024 11:58	2/26/2024 12:09	11	0
1465391	2/26/2024 11:58	2/26/2024 13:12	74	0
1654064	2/26/2024 11:59	2/26/2024 12:57	58	0
1565203	2/26/2024 12:01	2/26/2024 12:17	16	0
1567316	2/26/2024 12:01	2/27/2024 9:00	1258.63	0
41508	2/26/2024 12:01	2/26/2024 19:59	478	0.05
740241	2/26/2024 12:05	2/26/2024 13:35	90	0
1554218	2/26/2024 12:05	2/26/2024 12:52	47	0
989680	2/26/2024 12:05	2/27/2024 9:00	1254.72	0
988954	2/26/2024 12:06	2/27/2024 9:00	1253.72	0
204700	2/26/2024 12:06	2/26/2024 20:06	480	0
204963	2/26/2024 12:06	2/26/2024 20:04	478	0
1556243	2/26/2024 12:07	2/26/2024 12:49	42	0

991227	2/26/2024 12:07	2/27/2024 9:00	1252.72	0
378229	2/26/2024 12:09	2/27/2024 9:00	1250.27	0
1641091	2/26/2024 12:09	2/26/2024 14:26	137	0
1521914	2/26/2024 12:09	2/26/2024 14:26	137	0.02
609850	2/26/2024 12:09	2/26/2024 13:38	89	0.02
1518000	2/26/2024 12:09	2/26/2024 14:26	137	0
1523524	2/26/2024 12:09	2/26/2024 14:25	136	0
646026	2/26/2024 12:09	2/26/2024 14:52	163	0
1519715	2/26/2024 12:10	2/26/2024 14:27	137	0
975066	2/26/2024 12:10	2/26/2024 12:42	32	0
1309098	2/26/2024 12:10	2/26/2024 12:53	43	0.11
1519179	2/26/2024 12:10	2/26/2024 14:25	135	0
1685329	2/26/2024 12:10	2/26/2024 20:03	473	0
1310926	2/26/2024 12:11	2/26/2024 12:52	41	0
610737	2/26/2024 12:11	2/26/2024 13:40	89	0
479880	2/26/2024 12:11	2/26/2024 14:17	126	0
1089848	2/26/2024 12:11	2/26/2024 12:58	47	0
1565203	2/26/2024 12:17	2/26/2024 14:34	137	0
99902	2/26/2024 12:20	2/27/2024 9:00	1239.57	0
320966	2/26/2024 12:21	2/26/2024 15:30	189	0
330528	2/26/2024 12:21	2/27/2024 9:00	1238.57	0
97805	2/26/2024 12:21	2/27/2024 9:00	1238.57	0
100594	2/26/2024 12:22	2/27/2024 9:00	1237.57	0
918098	2/26/2024 12:22	2/26/2024 20:02	460	0
1430553	2/26/2024 12:27	2/26/2024 13:09	42	0.04
552210	2/26/2024 12:36	2/26/2024 15:08	152	0
800590	2/26/2024 12:36	2/26/2024 14:21	105	0
800588	2/26/2024 12:37	2/26/2024 14:22	105	0
801004	2/26/2024 12:38	2/26/2024 14:23	105	0
800600	2/26/2024 12:40	2/26/2024 14:25	105	0
975066	2/26/2024 12:42	2/26/2024 12:57	15	0
449377	2/26/2024 12:46	2/26/2024 13:23	37	0
1556243	2/26/2024 12:49	2/26/2024 14:34	105	0
1554218	2/26/2024 12:52	2/26/2024 13:50	58	0
1310926	2/26/2024 12:52	2/26/2024 13:40	48	0
1309098	2/26/2024 12:53	2/26/2024 13:40	47	0.32
8068454	2/26/2024 12:53	2/26/2024 14:06	73	0
553863	2/26/2024 12:53	2/26/2024 13:40	47	0
564518	2/26/2024 12:55	2/26/2024 14:25	90	0
975032	2/26/2024 12:56	2/26/2024 14:11	75	0
975066	2/26/2024 12:57	2/26/2024 14:11	74	0
1654064	2/26/2024 12:57	2/26/2024 13:58	61	0
1089848	2/26/2024 12:58	2/26/2024 14:59	121	0
419000	2/26/2024 12:59	2/27/2024 9:00	1200.27	0
419657	2/26/2024 12:59	2/27/2024 9:00	1200.27	0
1546695	2/26/2024 13:05	2/26/2024 15:06	121	0
1430838	2/26/2024 13:08	2/26/2024 14:27	79	0

1430553	2/26/2024 13:09	2/26/2024 14:27	78	0.01
1469866	2/26/2024 13:10	2/27/2024 9:00	1189.63	0
1465882	2/26/2024 13:10	2/26/2024 13:26	16	0.1
26864	2/26/2024 13:12	2/26/2024 14:15	63	0
1465391	2/26/2024 13:12	2/26/2024 14:09	57	0
1466357	2/26/2024 13:12	2/26/2024 14:25	73	0
30176	2/26/2024 13:13	2/26/2024 14:11	58	0
1463520	2/26/2024 13:13	2/27/2024 9:00	1186.63	0
449377	2/26/2024 13:23	2/26/2024 13:49	26	0
1465882	2/26/2024 13:26	2/27/2024 9:00	1173.63	0
450309	2/26/2024 13:30	2/26/2024 14:16	46	0
274125	2/26/2024 13:34	2/26/2024 14:23	49	0
276488	2/26/2024 13:34	2/26/2024 20:09	395	0
740241	2/26/2024 13:35	2/26/2024 14:22	47	0
10393495	2/26/2024 13:35	2/26/2024 14:38	63	0
277301	2/26/2024 13:35	2/26/2024 20:08	393	0
4173986	2/26/2024 13:38	2/26/2024 20:08	390	0
609850	2/26/2024 13:38	2/26/2024 14:09	31	0.02
281235	2/26/2024 13:38	2/26/2024 15:08	90	0
1515733	2/26/2024 13:39	2/26/2024 14:11	32	0
675499	2/26/2024 13:39	2/26/2024 14:15	36	0
1516579	2/26/2024 13:39	2/26/2024 14:10	31	0
553863	2/26/2024 13:40	2/26/2024 14:12	32	0
277818	2/26/2024 13:40	2/26/2024 20:04	384	0
1309098	2/26/2024 13:40	2/26/2024 14:11	31	0.02
610737	2/26/2024 13:40	2/26/2024 14:12	32	0
1310926	2/26/2024 13:40	2/26/2024 14:11	31	0
1503634	2/26/2024 13:48	2/26/2024 19:56	368	0
1556434	2/26/2024 13:49	2/26/2024 14:20	31	0.01
1556486	2/26/2024 13:49	2/26/2024 14:21	32	0
449377	2/26/2024 13:49	2/26/2024 14:21	32	0
1020274	2/26/2024 13:50	2/26/2024 14:17	27	0
1554218	2/26/2024 13:50	2/26/2024 14:22	32	0
1539391	2/26/2024 13:50	2/26/2024 20:04	374	0
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1538577	2/26/2024 13:52	2/26/2024 20:05	373	0
1020387	2/26/2024 13:53	2/26/2024 14:14	21	0
660839	2/26/2024 13:54	2/27/2024 9:00	1145	0
1385431	2/26/2024 13:55	2/26/2024 15:24	89	0
660268	2/26/2024 13:55	2/27/2024 9:00	1144.42	0
1493766	2/26/2024 13:56	2/26/2024 15:26	90	0
1654064	2/26/2024 13:58	2/26/2024 14:30	32	0
486985	2/26/2024 14:04	2/27/2024 9:00	1135.27	0
8068454	2/26/2024 14:06	2/26/2024 14:37	31	0
486880	2/26/2024 14:07	2/27/2024 9:00	1132.27	0
6714863	2/26/2024 14:08	2/26/2024 14:39	31	0
793285	2/26/2024 14:08	2/26/2024 14:40	32	0

790670	2/26/2024 14:08	2/26/2024 14:40	32	0
574596	2/26/2024 14:08	2/26/2024 14:23	15	0
1465391	2/26/2024 14:09	2/26/2024 14:25	16	0
574993	2/26/2024 14:09	2/26/2024 14:20	11	0
609850	2/26/2024 14:09	2/26/2024 15:12	63	0
1516579	2/26/2024 14:10	2/26/2024 14:26	16	0
1034043	2/26/2024 14:10	2/26/2024 19:46	336	0
237266	2/26/2024 14:10	2/26/2024 20:01	351	0
1265778	2/26/2024 14:10	2/26/2024 14:52	42	0
27443	2/26/2024 14:10	2/26/2024 20:09	359	0.02
1092960	2/26/2024 14:10	2/27/2024 9:00	1129.27	0
28110	2/26/2024 14:11	2/26/2024 20:04	353	0
975032	2/26/2024 14:11	2/26/2024 14:27	16	0
1309098	2/26/2024 14:11	2/26/2024 14:38	27	0
30176	2/26/2024 14:11	2/26/2024 20:01	350	0
28509	2/26/2024 14:11	2/27/2024 9:00	1128.57	0
1310926	2/26/2024 14:11	2/26/2024 14:37	26	0
23566	2/26/2024 14:11	2/26/2024 20:08	357	0
975191	2/26/2024 14:11	2/26/2024 14:27	16	0
237312	2/26/2024 14:11	2/26/2024 20:04	353	0
975066	2/26/2024 14:11	2/26/2024 14:27	16	0
34887	2/26/2024 14:11	2/26/2024 14:39	28	0
1515733	2/26/2024 14:11	2/26/2024 14:22	11	0
34832	2/26/2024 14:11	2/26/2024 14:27	16	0
237177	2/26/2024 14:11	2/26/2024 20:03	352	0
610737	2/26/2024 14:12	2/26/2024 15:10	58	0
34905	2/26/2024 14:12	2/26/2024 20:07	355	0
30471	2/26/2024 14:12	2/27/2024 9:00	1127.57	0
553863	2/26/2024 14:12	2/26/2024 14:27	15	0
23462	2/26/2024 14:13	2/26/2024 14:29	16	0
1020387	2/26/2024 14:14	2/26/2024 14:30	16	0
26921	2/26/2024 14:14	2/26/2024 20:04	350	0
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26864	2/26/2024 14:15	2/26/2024 14:31	16	0
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587455	2/26/2024 14:15	2/26/2024 14:31	16	0
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1041597	2/26/2024 14:16	2/26/2024 14:32	16	0
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30380	2/26/2024 14:16	2/27/2024 9:00	1123.57	0

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1251782	2/26/2024 14:17	2/26/2024 14:33	16	0
479880	2/26/2024 14:17	2/26/2024 14:33	16	0
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23464	2/26/2024 14:17	2/27/2024 9:00	1122.57	0
11435788	2/26/2024 14:18	2/26/2024 20:04	346	0
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34832	2/26/2024 14:27	2/26/2024 14:43	16	0

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29807	2/26/2024 14:31	2/27/2024 9:00	1108.57	0
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562727	2/26/2024 14:32	2/26/2024 20:03	331	0
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25674	2/26/2024 14:33	2/26/2024 14:44	11	0
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817825	2/26/2024 14:33	2/26/2024 14:48	15	0
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1272457	2/26/2024 14:33	2/26/2024 19:48	315	0
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193791	2/26/2024 14:36	2/26/2024 20:04	328	0
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740241	2/26/2024 14:38	2/26/2024 19:47	309	0
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274125	2/26/2024 14:38	2/26/2024 20:04	326	0
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34887	2/26/2024 14:39	2/26/2024 14:45	6	0
6714863	2/26/2024 14:39	2/26/2024 14:55	16	0.03
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790670	2/26/2024 14:40	2/26/2024 14:55	15	0
800600	2/26/2024 14:41	2/26/2024 19:56	315	0
2032900	2/26/2024 14:41	2/26/2024 19:50	309	0
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1430838	2/26/2024 14:42	2/26/2024 21:42	420	0
975191	2/26/2024 14:42	2/26/2024 19:52	310	0
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1319739	2/26/2024 14:42	2/27/2024 9:00	1097.65	0
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34832	2/26/2024 14:43	2/26/2024 20:08	325	0

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35442	2/26/2024 14:44	2/26/2024 20:09	325	0
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549259	2/26/2024 14:47	2/26/2024 19:57	310	0
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1251782	2/26/2024 14:48	2/26/2024 20:03	315	0
817825	2/26/2024 14:48	2/26/2024 19:53	305	0
1041597	2/26/2024 14:48	2/26/2024 19:52	304	0
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416557	2/26/2024 14:58	2/26/2024 19:52	294	0
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6828301	2/26/2024 15:01	2/26/2024 20:07	306	0
587455	2/26/2024 15:02	2/26/2024 19:56	294	0
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469018	2/26/2024 15:04	2/26/2024 20:03	299	0
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326028	2/26/2024 18:55	2/27/2024 6:24	689	0

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989956	2/26/2024 19:44	2/27/2024 9:00	795.1	0
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954637	2/26/2024 19:45	2/27/2024 9:00	794.1	0
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1034043	2/26/2024 19:46	2/27/2024 9:00	793.1	0
1321605	2/26/2024 19:46	2/27/2024 9:00	793.65	0
1020565	2/26/2024 19:47	2/27/2024 9:00	792.1	0
982898	2/26/2024 19:47	2/27/2024 8:16	749	0
740241	2/26/2024 19:47	2/27/2024 8:37	770	0
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955448	2/26/2024 19:47	2/27/2024 9:00	792.72	0
1332906	2/26/2024 19:47	2/27/2024 9:00	792.65	0
1020274	2/26/2024 19:47	2/27/2024 9:00	792.1	0
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1701172	2/26/2024 19:48	2/27/2024 9:00	791.65	0
1321663	2/26/2024 19:49	2/27/2024 9:00	790.65	0
385332	2/26/2024 19:49	2/27/2024 9:00	790.27	0
1320845	2/26/2024 19:49	2/27/2024 9:00	790.65	0
2032900	2/26/2024 19:50	2/27/2024 9:00	789.65	0
980132	2/26/2024 19:50	2/27/2024 9:00	789.1	0
1265778	2/26/2024 19:51	2/27/2024 9:00	788.65	0
658177	2/26/2024 19:51	2/27/2024 9:00	788	0
380736	2/26/2024 19:51	2/27/2024 9:00	788.27	0
675499	2/26/2024 19:51	2/27/2024 9:00	788	0
1020387	2/26/2024 19:51	2/27/2024 9:00	788.1	0
1432827	2/26/2024 19:52	2/27/2024 9:00	787.63	0
956968	2/26/2024 19:52	2/27/2024 9:00	787.1	0
957216	2/26/2024 19:52	2/27/2024 7:57	725	0
1321114	2/26/2024 19:52	2/27/2024 9:00	787.65	0
1041597	2/26/2024 19:52	2/27/2024 9:00	787.1	0
793285	2/26/2024 19:52	2/27/2024 9:00	787	0
800590	2/26/2024 19:52	2/27/2024 9:00	787	0
450309	2/26/2024 19:52	2/27/2024 9:00	787.27	0
416557	2/26/2024 19:52	2/27/2024 9:00	787.27	0
975032	2/26/2024 19:52	2/27/2024 9:00	787.1	0
975191	2/26/2024 19:52	2/27/2024 9:00	787.1	0
790670	2/26/2024 19:53	2/27/2024 9:00	786	0
800576	2/26/2024 19:53	2/27/2024 9:00	786.42	0

510307	2/26/2024 19:53	2/27/2024 9:00	786.27	0
1463218	2/26/2024 19:53	2/27/2024 9:00	786.63	0
817825	2/26/2024 19:53	2/27/2024 9:00	786	0
816722	2/26/2024 19:53	2/27/2024 9:00	786	0
979888	2/26/2024 19:53	2/27/2024 9:00	786.1	0
800588	2/26/2024 19:53	2/27/2024 9:00	786	0
1320619	2/26/2024 19:54	2/27/2024 9:00	785.65	0
1432509	2/26/2024 19:54	2/27/2024 9:00	785.63	0
926657	2/26/2024 19:54	2/27/2024 9:00	785	0
415949	2/26/2024 19:54	2/27/2024 9:00	785.27	0
1325831	2/26/2024 19:54	2/27/2024 9:00	785.65	0
981933	2/26/2024 19:54	2/27/2024 9:00	785.1	0
500173	2/26/2024 19:55	2/27/2024 9:00	784.27	0
593798	2/26/2024 19:56	2/27/2024 9:00	783.27	0
1433522	2/26/2024 19:56	2/27/2024 9:00	783.63	0
1434550	2/26/2024 19:56	2/27/2024 9:00	783.63	0
609850	2/26/2024 19:56	2/27/2024 9:00	783.27	0
1453263	2/26/2024 19:56	2/27/2024 9:00	783.4	0
800600	2/26/2024 19:56	2/27/2024 9:00	783	0
1431804	2/26/2024 19:56	2/27/2024 9:00	783.63	0
1503634	2/26/2024 19:56	2/27/2024 9:00	783.65	0
1466357	2/26/2024 19:56	2/27/2024 9:00	783.63	0
956125	2/26/2024 19:56	2/27/2024 8:00	724	0
587455	2/26/2024 19:56	2/27/2024 9:00	783.27	0
1349766	2/26/2024 19:56	2/27/2024 9:00	783.65	0
593397	2/26/2024 19:56	2/27/2024 8:59	783	0
971524	2/26/2024 19:56	2/27/2024 9:00	783.27	0
1321750	2/26/2024 19:57	2/27/2024 9:00	782.65	0
980870	2/26/2024 19:57	2/27/2024 9:00	782.1	0
7879030	2/26/2024 19:57	2/27/2024 9:00	782.27	0
627018	2/26/2024 19:57	2/27/2024 9:00	782.27	0
549259	2/26/2024 19:57	2/27/2024 9:00	782.27	0
860281	2/26/2024 19:57	2/27/2024 9:00	782	0
658642	2/26/2024 19:57	2/27/2024 9:00	782	0
552210	2/26/2024 19:57	2/27/2024 9:00	782.27	0
1395587	2/26/2024 19:57	2/27/2024 9:00	782.65	0
1064575	2/26/2024 19:57	2/27/2024 9:00	782.1	0
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449036	2/26/2024 19:57	2/27/2024 9:00	782.27	0
623069	2/26/2024 19:57	2/27/2024 9:00	782.27	0
1516579	2/26/2024 19:57	2/27/2024 9:00	782.63	0
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646026	2/26/2024 19:57	2/27/2024 9:00	782.27	0
580808	2/26/2024 19:57	2/27/2024 9:00	782.27	0
975066	2/26/2024 19:57	2/27/2024 9:00	782.1	0
1430294	2/26/2024 19:58	2/27/2024 9:00	781.63	0
1400258	2/26/2024 19:58	2/27/2024 9:00	781.65	0

563721	2/26/2024 19:58	2/27/2024 9:00	781.27	0
625386	2/26/2024 19:58	2/27/2024 9:00	781.27	0
1190246	2/26/2024 19:58	2/27/2024 9:00	781.65	0
982261	2/26/2024 19:58	2/27/2024 9:00	781.1	0
1466638	2/26/2024 19:58	2/27/2024 9:00	781.63	0
1432940	2/26/2024 19:58	2/27/2024 7:53	715	0
626477	2/26/2024 19:58	2/27/2024 9:00	781.27	0
660265	2/26/2024 19:58	2/27/2024 9:00	781.42	0
1320646	2/26/2024 19:58	2/27/2024 9:00	781.65	0
551972	2/26/2024 19:58	2/27/2024 9:00	781.27	0
610737	2/26/2024 19:58	2/27/2024 9:00	781.27	0
1550815	2/26/2024 19:58	2/27/2024 9:00	781.63	0
1435945	2/26/2024 19:58	2/27/2024 9:00	781.63	0
317233	2/26/2024 19:58	2/27/2024 9:00	781.57	0
1393633	2/26/2024 19:58	2/27/2024 9:00	781.65	0
1417279	2/26/2024 19:58	2/27/2024 9:00	781.65	0
1378273	2/26/2024 19:58	2/27/2024 9:00	781.65	0
1624452	2/26/2024 19:58	2/27/2024 9:00	781.63	0
456084	2/26/2024 19:58	2/27/2024 9:00	781.27	0
1309098	2/26/2024 19:58	2/27/2024 9:00	781.65	0
1493766	2/26/2024 19:59	2/27/2024 9:00	780.65	0
1456419	2/26/2024 19:59	2/27/2024 9:00	780.4	0
41508	2/26/2024 19:59	2/27/2024 9:00	780.57	0
259674	2/26/2024 19:59	2/27/2024 9:00	780.57	0
260516	2/26/2024 19:59	2/27/2024 9:00	780.57	0
801004	2/26/2024 19:59	2/27/2024 9:00	780	0
29635	2/26/2024 19:59	2/27/2024 9:00	780.57	0
479880	2/26/2024 19:59	2/27/2024 8:47	768	0
664453	2/26/2024 19:59	2/27/2024 9:00	780	0
1378582	2/26/2024 19:59	2/27/2024 9:00	780.65	0
553863	2/26/2024 20:00	2/27/2024 9:00	779.27	0
709832	2/26/2024 20:00	2/27/2024 9:00	779	0
957615	2/26/2024 20:00	2/27/2024 9:00	779.1	0
6280623	2/26/2024 20:00	2/27/2024 9:00	779.57	0
627289	2/26/2024 20:01	2/27/2024 9:00	778.27	0
197356	2/26/2024 20:01	2/27/2024 9:00	778.57	0
8910809	2/26/2024 20:01	2/27/2024 9:00	778.27	0
1683861	2/26/2024 20:01	2/27/2024 9:00	778.57	0
1377926	2/26/2024 20:01	2/27/2024 9:00	778.65	0
6714863	2/26/2024 20:01	2/27/2024 9:00	778	0
237266	2/26/2024 20:01	2/27/2024 9:00	778.57	0
605186	2/26/2024 20:01	2/27/2024 9:00	778.27	0
624901	2/26/2024 20:01	2/27/2024 9:00	778.27	0
11176351	2/26/2024 20:01	2/27/2024 9:00	778.63	0
564518	2/26/2024 20:01	2/27/2024 9:00	778.27	0
30176	2/26/2024 20:01	2/27/2024 9:00	778.57	0
623871	2/26/2024 20:01	2/27/2024 9:00	778.27	0

1465391	2/26/2024 20:01	2/27/2024 9:00	778.63	0
447406	2/26/2024 20:02	2/27/2024 9:00	777.27	0
23462	2/26/2024 20:02	2/27/2024 9:00	777.57	0
1385431	2/26/2024 20:02	2/27/2024 9:00	777.65	0
1421188	2/26/2024 20:02	2/27/2024 9:00	777.65	0
918098	2/26/2024 20:02	2/27/2024 9:00	777	0
1518000	2/26/2024 20:02	2/27/2024 9:00	777.63	0
26864	2/26/2024 20:02	2/27/2024 9:00	777.57	0
574596	2/26/2024 20:02	2/27/2024 9:00	777.27	0
1556486	2/26/2024 20:02	2/27/2024 8:21	739	0
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1515733	2/26/2024 20:02	2/27/2024 9:00	777.63	0
196408	2/26/2024 20:02	2/27/2024 9:00	777.57	0
1582130	2/26/2024 20:02	2/27/2024 9:00	777.63	0
47769	2/26/2024 20:02	2/27/2024 9:00	777.57	0
549370	2/26/2024 20:02	2/27/2024 9:00	777.27	0
1415828	2/26/2024 20:02	2/27/2024 9:00	777.65	0
66588	2/26/2024 20:02	2/27/2024 9:00	777.57	0
10013697	2/26/2024 20:02	2/27/2024 9:00	777.63	0
859747	2/26/2024 20:02	2/27/2024 9:00	777	0
506261	2/26/2024 20:02	2/27/2024 9:00	777.27	0
195839	2/26/2024 20:03	2/27/2024 9:00	776.57	0
1524033	2/26/2024 20:03	2/27/2024 9:00	776.63	0
1513398	2/26/2024 20:03	2/27/2024 9:00	776.63	0
1464949	2/26/2024 20:03	2/27/2024 9:00	776.63	0
380057	2/26/2024 20:03	2/27/2024 9:00	776.27	0
1584687	2/26/2024 20:03	2/27/2024 9:00	776.63	0
1350104	2/26/2024 20:03	2/27/2024 9:00	776.65	0
1430553	2/26/2024 20:03	2/27/2024 9:00	776.63	0
198082	2/26/2024 20:03	2/26/2024 20:03	0.23	0
456048	2/26/2024 20:03	2/27/2024 9:00	776.27	0
469018	2/26/2024 20:03	2/27/2024 9:00	776.27	0
507365	2/26/2024 20:03	2/27/2024 9:00	776.27	0
315169	2/26/2024 20:03	2/27/2024 9:00	776.8	0
324290	2/26/2024 20:03	2/27/2024 8:08	725	0
561672	2/26/2024 20:03	2/27/2024 9:00	776.27	0
315730	2/26/2024 20:03	2/27/2024 9:00	776.57	0
1685329	2/26/2024 20:03	2/27/2024 9:00	776.65	0
1591422	2/26/2024 20:03	2/27/2024 9:00	776.63	0
523489	2/26/2024 20:03	2/27/2024 9:00	776.8	0
197883	2/26/2024 20:03	2/27/2024 9:00	776.57	0
1430644	2/26/2024 20:03	2/27/2024 9:00	776.4	0
198082	2/26/2024 20:03	2/26/2024 20:04	0.77	0
1552154	2/26/2024 20:03	2/27/2024 9:00	776.63	0
1417138	2/26/2024 20:03	2/27/2024 9:00	776.65	0
1393699	2/26/2024 20:03	2/27/2024 9:00	776.65	0
317797	2/26/2024 20:03	2/27/2024 9:00	776.8	0

1326419	2/26/2024 20:03	2/27/2024 9:00	776.65	0
562727	2/26/2024 20:03	2/27/2024 9:00	776.27	0
1251782	2/26/2024 20:03	2/27/2024 9:00	776	0
237177	2/26/2024 20:03	2/27/2024 9:00	776.57	0
274059	2/26/2024 20:04	2/27/2024 9:00	775.57	0
204963	2/26/2024 20:04	2/26/2024 20:05	0.77	0
353651	2/26/2024 20:04	2/27/2024 9:00	775.57	0
6995795	2/26/2024 20:04	2/27/2024 9:00	775.27	0
1310926	2/26/2024 20:04	2/27/2024 9:00	775.65	0
624716	2/26/2024 20:04	2/27/2024 9:00	775.27	0
381982	2/26/2024 20:04	2/27/2024 9:00	775.27	0
8104722	2/26/2024 20:04	2/27/2024 9:00	775.57	0
28110	2/26/2024 20:04	2/27/2024 9:00	775.57	0
323747	2/26/2024 20:04	2/27/2024 9:00	775.57	0
10393495	2/26/2024 20:04	2/26/2024 20:05	0.77	0
237312	2/26/2024 20:04	2/27/2024 9:00	775.57	0
1539391	2/26/2024 20:04	2/27/2024 9:00	775.63	0
196965	2/26/2024 20:04	2/27/2024 9:00	775.57	0
320966	2/26/2024 20:04	2/27/2024 9:00	775.57	0
1556243	2/26/2024 20:04	2/27/2024 9:00	775.63	0
1515964	2/26/2024 20:04	2/27/2024 9:00	775.63	0
174362	2/26/2024 20:04	2/27/2024 9:00	775.57	0
10433250	2/26/2024 20:04	2/27/2024 9:00	775.65	0
1431996	2/26/2024 20:04	2/27/2024 9:00	775.4	0
188639	2/26/2024 20:04	2/27/2024 9:00	775.57	0
198082	2/26/2024 20:04	2/27/2024 9:00	775.8	0
27483	2/26/2024 20:04	2/27/2024 9:00	775.57	0
26921	2/26/2024 20:04	2/27/2024 9:00	775.57	0
204963	2/26/2024 20:04	2/26/2024 20:04	0.23	0
277818	2/26/2024 20:04	2/27/2024 9:00	775.57	0
274125	2/26/2024 20:04	2/27/2024 9:00	775.57	0
1513240	2/26/2024 20:04	2/27/2024 9:00	775.63	0
645339	2/26/2024 20:04	2/27/2024 9:00	775.27	0
623612	2/26/2024 20:04	2/27/2024 9:00	775.15	0
1351588	2/26/2024 20:04	2/27/2024 9:00	775.65	0
324249	2/26/2024 20:04	2/27/2024 9:00	775.57	0
10393495	2/26/2024 20:04	2/26/2024 20:04	0.23	0
11435788	2/26/2024 20:04	2/26/2024 20:04	0.23	0
66685	2/26/2024 20:04	2/27/2024 9:00	775.57	0
314899	2/26/2024 20:04	2/27/2024 9:00	775.57	0
11435788	2/26/2024 20:04	2/26/2024 20:05	0.77	0
325050	2/26/2024 20:04	2/27/2024 9:00	775.57	0
30370	2/26/2024 20:04	2/27/2024 9:00	775.57	0
51483	2/26/2024 20:04	2/27/2024 9:00	775.57	0
197690	2/26/2024 20:04	2/27/2024 9:00	775.57	0
1494722	2/26/2024 20:04	2/27/2024 9:00	775.65	0
1565203	2/26/2024 20:04	2/27/2024 9:00	775.63	0

8068454	2/26/2024 20:04	2/27/2024 9:00	775.27	0
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193791	2/26/2024 20:04	2/27/2024 9:00	775.57	0
7937779	2/26/2024 20:04	2/27/2024 9:00	775.65	0
8511623	2/26/2024 20:04	2/27/2024 8:43	759	0
314188	2/26/2024 20:04	2/27/2024 9:00	775.8	0
68620	2/26/2024 20:04	2/27/2024 9:00	775.8	0
1414392	2/26/2024 20:04	2/27/2024 9:00	775.65	0
1433348	2/26/2024 20:05	2/27/2024 7:51	706	0
11435788	2/26/2024 20:05	2/27/2024 9:00	774.8	0
204963	2/26/2024 20:05	2/26/2024 20:06	0.77	0
1538577	2/26/2024 20:05	2/27/2024 9:00	774.63	0
353082	2/26/2024 20:05	2/26/2024 20:05	0.23	0
1638359	2/26/2024 20:05	2/27/2024 8:28	743	0
10393495	2/26/2024 20:05	2/27/2024 9:00	774.8	0
1638308	2/26/2024 20:05	2/27/2024 9:00	774.63	0
8495802	2/26/2024 20:05	2/27/2024 9:00	774.63	0
562856	2/26/2024 20:05	2/27/2024 9:00	774.27	0
1555268	2/26/2024 20:05	2/27/2024 9:00	774.63	0
2923717	2/26/2024 20:05	2/27/2024 9:00	774.27	0
204963	2/26/2024 20:05	2/26/2024 20:05	0.23	0
353082	2/26/2024 20:05	2/26/2024 20:06	0.77	0
328570	2/26/2024 20:06	2/27/2024 9:00	773.57	0
353082	2/26/2024 20:06	2/26/2024 20:07	0.77	0
574993	2/26/2024 20:06	2/27/2024 9:00	773.27	0
34613	2/26/2024 20:06	2/27/2024 9:00	773.57	0
204700	2/26/2024 20:06	2/27/2024 9:00	773.57	0
1394324	2/26/2024 20:06	2/27/2024 9:00	773.65	0
238732	2/26/2024 20:06	2/27/2024 9:00	773.57	0
1493132	2/26/2024 20:06	2/27/2024 9:00	773.65	0
34887	2/26/2024 20:06	2/27/2024 9:00	773.57	0
24124	2/26/2024 20:06	2/27/2024 9:00	773.57	0
1348976	2/26/2024 20:06	2/27/2024 9:00	773.65	0
13912	2/26/2024 20:06	2/27/2024 9:00	773.57	0
204963	2/26/2024 20:06	2/27/2024 9:00	773.8	0
1349083	2/26/2024 20:06	2/27/2024 9:00	773.65	0
1638479	2/26/2024 20:06	2/27/2024 8:30	743.77	0
189581	2/26/2024 20:06	2/27/2024 9:00	773.8	0
195666	2/26/2024 20:06	2/27/2024 9:00	773.57	0
317084	2/26/2024 20:06	2/27/2024 9:00	773.8	0
353082	2/26/2024 20:06	2/26/2024 20:06	0.23	0
1584264	2/26/2024 20:07	2/27/2024 9:00	772.63	0
1399519	2/26/2024 20:07	2/27/2024 9:00	772.65	0
8734029	2/26/2024 20:07	2/27/2024 9:00	772.63	0
353082	2/26/2024 20:07	2/27/2024 9:00	772.8	0
13876	2/26/2024 20:07	2/27/2024 9:00	772.8	0
6828301	2/26/2024 20:07	2/27/2024 9:00	772.57	0

1416360	2/26/2024 20:07	2/27/2024 9:00	772.65	0
34905	2/26/2024 20:07	2/26/2024 20:07	0.23	0
1376158	2/26/2024 20:07	2/27/2024 9:00	772.65	0
1576533	2/26/2024 20:07	2/27/2024 9:00	772.63	0
34905	2/26/2024 20:07	2/26/2024 20:08	0.77	0
14605	2/26/2024 20:07	2/27/2024 9:00	772.8	0
756553	2/26/2024 20:07	2/27/2024 9:00	772.15	0
1604432	2/26/2024 20:07	2/27/2024 9:00	772.63	0
1641091	2/26/2024 20:07	2/27/2024 9:00	772.4	0
34832	2/26/2024 20:08	2/27/2024 9:00	771.57	0
8950281	2/26/2024 20:08	2/27/2024 9:00	771.57	0
69207	2/26/2024 20:08	2/27/2024 9:00	771.57	0
1514004	2/26/2024 20:08	2/27/2024 9:00	771.63	0
4173986	2/26/2024 20:08	2/27/2024 9:00	771.57	0
15611	2/26/2024 20:08	2/27/2024 9:00	771.57	0
1523524	2/26/2024 20:08	2/27/2024 9:00	771.63	0
14239	2/26/2024 20:08	2/27/2024 9:00	771.8	0
49209	2/26/2024 20:08	2/27/2024 9:00	771.57	0
29848	2/26/2024 20:08	2/27/2024 9:00	771.57	0
11081884	2/26/2024 20:08	2/27/2024 9:00	771.57	0
1551513	2/26/2024 20:08	2/27/2024 9:00	771.63	0
277301	2/26/2024 20:08	2/27/2024 9:00	771.57	0
1556434	2/26/2024 20:08	2/27/2024 8:19	731	0
25066	2/26/2024 20:08	2/27/2024 9:00	771.57	0
56196	2/26/2024 20:08	2/27/2024 9:00	771.57	0
23566	2/26/2024 20:08	2/27/2024 9:00	771.57	0
1519715	2/26/2024 20:08	2/27/2024 9:00	771.63	0
34905	2/26/2024 20:08	2/27/2024 9:00	771.8	0
1554218	2/26/2024 20:08	2/27/2024 9:00	771.63	0
11460915	2/26/2024 20:08	2/27/2024 9:00	771.65	0
281235	2/26/2024 20:08	2/27/2024 9:00	771.57	0
1521914	2/26/2024 20:09	2/27/2024 9:00	770.63	0
9063373	2/26/2024 20:09	2/27/2024 9:00	770.65	0
519373	2/26/2024 20:09	2/27/2024 9:00	770.8	0
27443	2/26/2024 20:09	2/27/2024 9:00	770.8	0
35442	2/26/2024 20:09	2/27/2024 9:00	770.57	0
276488	2/26/2024 20:09	2/27/2024 9:00	770.57	0
316997	2/26/2024 20:10	2/27/2024 9:00	769.57	0
1375642	2/26/2024 20:10	2/27/2024 9:00	769.65	0
324045	2/26/2024 20:10	2/27/2024 9:00	769.57	0
8148103	2/26/2024 20:12	2/27/2024 9:00	767.57	0
449377	2/26/2024 20:18	2/26/2024 20:54	36	0
511266	2/26/2024 20:44	2/27/2024 9:00	735.27	0
70866	2/26/2024 20:47	2/27/2024 9:00	732.8	0
656498	2/26/2024 20:48	2/27/2024 9:00	731	0
449377	2/26/2024 20:54	2/26/2024 21:47	53	0
1551510	2/26/2024 21:02	2/27/2024 9:00	717.63	0

1573666	2/26/2024 21:22	2/27/2024 9:00	697.63	0
1430838	2/26/2024 21:42	2/27/2024 9:00	677.63	0
449377	2/26/2024 21:47	2/26/2024 22:08	21	0
25674	2/26/2024 21:49	2/27/2024 9:00	670.57	0
1519179	2/26/2024 21:54	2/27/2024 9:00	665.63	0
449377	2/26/2024 22:08	2/26/2024 22:50	42	0
449377	2/26/2024 22:50	2/27/2024 0:03	73	0
1546695	2/26/2024 23:08	2/27/2024 9:00	591.63	0
449377	2/27/2024 0:03	2/27/2024 0:56	53	0
449377	2/27/2024 0:56	2/27/2024 1:59	63	0
449377	2/27/2024 1:59	2/27/2024 5:11	192	0
449377	2/27/2024 5:11	2/27/2024 6:08	57	0
449377	2/27/2024 6:08	2/27/2024 6:40	32	0
326028	2/27/2024 6:24	2/27/2024 9:00	155.57	0
449377	2/27/2024 6:40	2/27/2024 8:14	94	0
1433348	2/27/2024 7:51	2/27/2024 9:00	68.63	0
1432940	2/27/2024 7:53	2/27/2024 9:00	66.63	0
957216	2/27/2024 7:57	2/27/2024 9:00	62.72	0
1445317	2/27/2024 7:57	2/27/2024 9:00	62.63	0
956125	2/27/2024 8:00	2/27/2024 9:00	59.72	0
1609415	2/27/2024 8:01	2/27/2024 9:00	58.63	0
1609484	2/27/2024 8:01	2/27/2024 9:00	58.63	0
1595351	2/27/2024 8:02	2/27/2024 9:00	57.63	0
1609551	2/27/2024 8:03	2/27/2024 9:00	56.63	0
9524954	2/27/2024 8:04	2/27/2024 9:00	55.63	0
324290	2/27/2024 8:08	2/27/2024 9:00	51.57	0
449377	2/27/2024 8:14	2/27/2024 9:00	45.27	0
982898	2/27/2024 8:16	2/27/2024 9:00	43.72	0
980398	2/27/2024 8:17	2/27/2024 9:00	42.1	0
1394415	2/27/2024 8:18	2/27/2024 9:00	41.65	0
1495134	2/27/2024 8:18	2/27/2024 9:00	41.65	0
1556434	2/27/2024 8:19	2/27/2024 9:00	40.63	0
327693	2/27/2024 8:19	2/27/2024 9:00	40.57	0
1556486	2/27/2024 8:21	2/27/2024 9:00	38.63	0
1638431	2/27/2024 8:22	2/27/2024 9:00	37.63	0
1638359	2/27/2024 8:28	2/27/2024 9:00	31.63	0
1638479	2/27/2024 8:30	2/27/2024 9:00	29.63	0
740241	2/27/2024 8:37	2/27/2024 9:00	22	0
8511623	2/27/2024 8:43	2/27/2024 9:00	16.57	0
353728	2/27/2024 8:44	2/27/2024 9:00	15.57	0
479880	2/27/2024 8:47	2/27/2024 9:00	12.27	0
593397	2/27/2024 8:59	2/27/2024 9:00	0.27	0
1513541	2/27/2024 9:00	2/28/2024 9:00	1439.63	0
574993	2/27/2024 9:00	2/27/2024 19:39	638.78	0
96751	2/27/2024 9:00	2/28/2024 9:00	1439.57	0
726904	2/27/2024 9:00	2/28/2024 9:00	1439.42	0
593798	2/27/2024 9:00	2/27/2024 17:17	496.78	0

554089	2/27/2024 9:00	2/28/2024 9:00	1439.27	0
1516579	2/27/2024 9:00	2/27/2024 10:56	116	0
7879030	2/27/2024 9:00	2/27/2024 15:38	397.78	0
675499	2/27/2024 9:00	2/27/2024 11:32	152	0
1413046	2/27/2024 9:00	2/28/2024 9:00	1439.65	0
447406	2/27/2024 9:00	2/27/2024 14:22	322	0
811953	2/27/2024 9:00	2/28/2024 9:00	1439	0
10714479	2/27/2024 9:00	2/28/2024 9:00	1439.63	0
971524	2/27/2024 9:00	2/27/2024 19:34	633.78	0
353728	2/27/2024 9:00	2/27/2024 10:17	77	0
625386	2/27/2024 9:00	2/27/2024 14:38	338	0
188789	2/27/2024 9:00	2/28/2024 9:00	1439.57	0
953854	2/27/2024 9:00	2/28/2024 9:00	1439.72	0
740241	2/27/2024 9:00	2/27/2024 19:12	611.2	0
1288420	2/27/2024 9:00	2/27/2024 11:26	146	0
624716	2/27/2024 9:00	2/27/2024 10:34	94	0
664030	2/27/2024 9:00	2/28/2024 9:00	1439	0
1352388	2/27/2024 9:00	2/28/2024 9:00	1439.65	0
237177	2/27/2024 9:00	2/27/2024 10:44	104	0
1516786	2/27/2024 9:00	2/27/2024 17:10	489.7	0
627018	2/27/2024 9:00	2/27/2024 19:28	627.78	0.05
10222019	2/27/2024 9:00	2/28/2024 9:00	1439.65	0
1394324	2/27/2024 9:00	2/27/2024 11:37	157	0
345752	2/27/2024 9:00	2/28/2024 9:00	1439.57	0
1701172	2/27/2024 9:00	2/27/2024 11:53	173	0
1638308	2/27/2024 9:00	2/27/2024 11:37	157	0
8950281	2/27/2024 9:00	2/27/2024 11:47	167	0
444688	2/27/2024 9:00	2/28/2024 9:00	1439.27	0
1553065	2/27/2024 9:02	2/28/2024 9:00	1437.4	0
1093833	2/27/2024 9:02	2/28/2024 9:00	1437.27	0
1674381	2/27/2024 9:06	2/27/2024 11:35	149	0.02
319279	2/27/2024 9:06	2/28/2024 9:00	1433.57	0
1348731	2/27/2024 9:07	2/28/2024 9:00	1432.65	0
626477	2/27/2024 9:07	2/27/2024 10:36	89	0
8724096	2/27/2024 9:07	2/28/2024 9:00	1432.65	0
1340395	2/27/2024 9:07	2/27/2024 19:04	597.5	0
1432940	2/27/2024 9:07	2/27/2024 19:21	613.7	0
1340791	2/27/2024 9:07	2/27/2024 19:09	602.5	0
627289	2/27/2024 9:07	2/27/2024 19:37	629.78	0
7937779	2/27/2024 9:07	2/27/2024 10:16	69	0
1453263	2/27/2024 9:07	2/27/2024 10:52	105	0
325050	2/27/2024 9:07	2/27/2024 20:14	667.43	0
562202	2/27/2024 9:07	2/28/2024 9:00	1432.27	0
1366197	2/27/2024 9:07	2/28/2024 9:00	1432.65	0
202435	2/27/2024 9:09	2/28/2024 9:00	1430.8	0
1340760	2/27/2024 9:09	2/27/2024 19:02	593.5	0
8511623	2/27/2024 9:10	2/27/2024 14:25	315	0

1433348	2/27/2024 9:10	2/27/2024 19:25	614.7	0
9060128	2/27/2024 9:11	2/27/2024 20:02	651.43	0.39
1445317	2/27/2024 9:12	2/27/2024 11:57	165	0
1494722	2/27/2024 9:13	2/27/2024 20:02	649.5	0.8
982898	2/27/2024 9:13	2/27/2024 19:33	619.83	0
981933	2/27/2024 9:14	2/27/2024 19:33	618.83	0
980398	2/27/2024 9:15	2/27/2024 19:29	613.83	0
593397	2/27/2024 9:15	2/27/2024 19:01	585.78	0
1393699	2/27/2024 9:15	2/27/2024 19:56	641.5	0.16
479880	2/27/2024 9:18	2/27/2024 17:22	483.78	0
1421188	2/27/2024 9:20	2/27/2024 20:03	643.5	0
324249	2/27/2024 9:21	2/27/2024 20:13	652.43	0
324290	2/27/2024 9:23	2/27/2024 20:02	639.43	0
1320646	2/27/2024 9:23	2/27/2024 11:56	153	0
1552154	2/27/2024 9:24	2/27/2024 20:05	640.7	0
1320619	2/27/2024 9:24	2/27/2024 11:56	152	0
1320845	2/27/2024 9:25	2/27/2024 11:57	152	0.61
1190246	2/27/2024 9:25	2/27/2024 19:55	630.5	0
323747	2/27/2024 9:25	2/27/2024 20:15	650.43	0.19
1321114	2/27/2024 9:26	2/27/2024 11:53	147	0
1321605	2/27/2024 9:27	2/27/2024 11:54	147	0
1624452	2/27/2024 9:31	2/27/2024 11:37	126	0
1493132	2/27/2024 9:31	2/27/2024 12:30	179	0.93
561672	2/27/2024 9:31	2/27/2024 11:32	121	0
314188	2/27/2024 9:32	2/27/2024 10:04	32	0
315730	2/27/2024 9:32	2/27/2024 10:04	32	0
315169	2/27/2024 9:32	2/27/2024 10:04	32	0
1554218	2/27/2024 9:35	2/27/2024 11:51	136	0
1417138	2/27/2024 9:36	2/27/2024 19:59	623.5	0
691442	2/27/2024 9:39	2/27/2024 19:31	591.2	0.07
8104722	2/27/2024 9:40	2/27/2024 19:54	614.43	0
314899	2/27/2024 9:40	2/27/2024 19:55	615.43	0
523489	2/27/2024 9:40	2/27/2024 19:59	619	0.58
975032	2/27/2024 9:40	2/27/2024 10:11	31	0
317084	2/27/2024 9:41	2/27/2024 20:02	621	0
6280623	2/27/2024 9:42	2/27/2024 19:56	614.43	0.01
317233	2/27/2024 9:42	2/27/2024 19:46	604.43	0.16
975066	2/27/2024 9:43	2/27/2024 14:11	268	0
317797	2/27/2024 9:43	2/27/2024 19:44	601.67	0
1503634	2/27/2024 9:45	2/27/2024 19:55	610.5	0
320966	2/27/2024 9:45	2/27/2024 20:06	621.43	0
1019446	2/27/2024 9:47	2/27/2024 19:14	566.83	0.06
1604432	2/27/2024 9:47	2/27/2024 19:52	604.7	0.2
1430294	2/27/2024 9:48	2/27/2024 19:47	598.7	0
1556434	2/27/2024 9:49	2/27/2024 11:50	121	0.12
51483	2/27/2024 9:49	2/27/2024 11:50	121	0
281235	2/27/2024 9:49	2/27/2024 11:35	106	0

1556486	2/27/2024 9:50	2/27/2024 11:51	121	0
276488	2/27/2024 9:50	2/27/2024 11:35	105	0
9063373	2/27/2024 9:51	2/27/2024 11:36	105	0
4173986	2/27/2024 9:51	2/27/2024 11:36	105	0
623069	2/27/2024 9:52	2/27/2024 10:19	27	0
623871	2/27/2024 9:52	2/27/2024 10:24	32	0
623612	2/27/2024 9:52	2/27/2024 10:24	32	0
1320008	2/27/2024 9:52	2/27/2024 11:57	125	0
8206792	2/27/2024 9:54	2/27/2024 19:47	592.7	0
1450250	2/27/2024 9:55	2/27/2024 19:53	597.7	0
1515733	2/27/2024 9:55	2/27/2024 11:40	105	0.5
1321750	2/27/2024 9:56	2/27/2024 15:10	314.5	0
887599	2/27/2024 9:57	2/27/2024 14:15	258	0
553863	2/27/2024 9:57	2/27/2024 19:39	581.78	0
664453	2/27/2024 9:57	2/27/2024 19:04	546.2	0
11081884	2/27/2024 9:58	2/27/2024 10:28	30	0
198082	2/27/2024 9:58	2/27/2024 10:30	32	0
47769	2/27/2024 10:00	2/27/2024 19:42	582.43	0
385332	2/27/2024 10:00	2/27/2024 18:19	498.78	0
49209	2/27/2024 10:01	2/27/2024 19:43	582.43	0
1584687	2/27/2024 10:01	2/27/2024 19:57	595.7	0
1582130	2/27/2024 10:01	2/27/2024 20:01	599.7	0
70866	2/27/2024 10:03	2/27/2024 10:51	48	0
315169	2/27/2024 10:04	2/27/2024 20:02	598	0
315730	2/27/2024 10:04	2/27/2024 20:01	597.43	0
314188	2/27/2024 10:04	2/27/2024 20:02	598	0
506261	2/27/2024 10:05	2/27/2024 19:20	554.78	0.12
852071	2/27/2024 10:06	2/27/2024 14:23	257	0
1417279	2/27/2024 10:07	2/27/2024 19:58	591.5	0
1456419	2/27/2024 10:07	2/27/2024 19:47	579.7	0
1672784	2/27/2024 10:07	2/28/2024 9:00	1372.27	0
601397	2/27/2024 10:07	2/27/2024 15:06	298.78	0
605186	2/27/2024 10:07	2/27/2024 19:23	555.78	0
8148103	2/27/2024 10:09	2/27/2024 20:03	594.43	0
574740	2/27/2024 10:10	2/27/2024 19:32	561.78	0
1310926	2/27/2024 10:10	2/27/2024 19:37	567.5	0
316997	2/27/2024 10:10	2/27/2024 20:01	591.43	0
975032	2/27/2024 10:11	2/27/2024 10:43	32	0
1309098	2/27/2024 10:11	2/27/2024 19:26	555.5	0.88
8486022	2/27/2024 10:11	2/27/2024 11:56	105	0
1446401	2/27/2024 10:12	2/27/2024 11:57	105	0
353082	2/27/2024 10:12	2/27/2024 11:46	94	0.09
5834752	2/27/2024 10:12	2/27/2024 11:42	90	0
347031	2/27/2024 10:13	2/27/2024 11:47	94	0
353651	2/27/2024 10:13	2/27/2024 11:43	90	0
8511715	2/27/2024 10:15	2/27/2024 11:44	89	0
344641	2/27/2024 10:15	2/27/2024 11:44	89	0

7937779	2/27/2024 10:16	2/27/2024 12:32	136	0
345394	2/27/2024 10:16	2/27/2024 11:45	89	0
1416360	2/27/2024 10:17	2/27/2024 19:43	566.5	0
353728	2/27/2024 10:17	2/27/2024 11:58	101	0
1415828	2/27/2024 10:18	2/27/2024 19:23	545.5	0
926657	2/27/2024 10:19	2/27/2024 14:31	252	0
623069	2/27/2024 10:19	2/27/2024 19:38	558.78	0
1414392	2/27/2024 10:20	2/27/2024 19:30	550.5	0
1551513	2/27/2024 10:21	2/27/2024 10:38	17	0
859747	2/27/2024 10:21	2/27/2024 19:37	555.2	0
274059	2/27/2024 10:21	2/27/2024 11:35	74	0
274125	2/27/2024 10:21	2/27/2024 11:36	75	0
860281	2/27/2024 10:22	2/27/2024 19:34	551.2	0
852125	2/27/2024 10:22	2/27/2024 14:18	236	0
1523524	2/27/2024 10:23	2/27/2024 14:51	268	0
918098	2/27/2024 10:23	2/27/2024 12:08	105	0
511266	2/27/2024 10:24	2/27/2024 19:40	555.78	0
623612	2/27/2024 10:24	2/27/2024 19:35	550.78	0
623871	2/27/2024 10:24	2/27/2024 19:35	550.78	0
510307	2/27/2024 10:24	2/27/2024 19:18	533.78	0
10013697	2/27/2024 10:24	2/27/2024 10:40	16	0
1524033	2/27/2024 10:25	2/27/2024 20:02	576.7	0.42
1551510	2/27/2024 10:25	2/27/2024 10:40	15	0
1641091	2/27/2024 10:26	2/27/2024 20:08	581.7	0
8524544	2/27/2024 10:26	2/27/2024 19:58	572.43	0
1519715	2/27/2024 10:26	2/28/2024 9:00	1353.63	0
313269	2/27/2024 10:27	2/27/2024 20:04	577.43	0
1519179	2/27/2024 10:28	2/28/2024 9:00	1351.63	0
11081884	2/27/2024 10:28	2/27/2024 19:43	555	0
507365	2/27/2024 10:28	2/27/2024 19:45	556.78	0
197883	2/27/2024 10:28	2/27/2024 19:27	539.43	0
197690	2/27/2024 10:29	2/27/2024 19:21	532.43	0
195839	2/27/2024 10:30	2/27/2024 19:27	537.43	0
198082	2/27/2024 10:30	2/27/2024 10:45	15	0
196408	2/27/2024 10:31	2/27/2024 19:27	536.43	0
1041597	2/27/2024 10:32	2/27/2024 19:43	550.83	0
193791	2/27/2024 10:32	2/27/2024 20:32	600.43	0
945898	2/27/2024 10:32	2/27/2024 12:33	121	0
624716	2/27/2024 10:34	2/27/2024 10:50	16	0
709832	2/27/2024 10:35	2/27/2024 11:48	73	0
1412757	2/27/2024 10:36	2/27/2024 11:50	74	0
1638479	2/27/2024 10:36	2/27/2024 11:40	64	0
626477	2/27/2024 10:36	2/27/2024 10:52	16	0
1546695	2/27/2024 10:37	2/27/2024 19:59	561.7	0
6714863	2/27/2024 10:37	2/27/2024 19:28	530.2	0
793285	2/27/2024 10:37	2/27/2024 19:22	524.2	0
1405153	2/27/2024 10:37	2/27/2024 19:53	556.5	0

1466357	2/27/2024 10:38	2/27/2024 19:45	546.47	0
277818	2/27/2024 10:38	2/27/2024 11:36	58	0
1551513	2/27/2024 10:38	2/27/2024 14:39	241	0
277301	2/27/2024 10:38	2/27/2024 11:36	58	0
790670	2/27/2024 10:39	2/27/2024 19:01	501.2	0
8674977	2/27/2024 10:39	2/27/2024 19:55	556.5	0
1638359	2/27/2024 10:39	2/27/2024 11:37	58	0
237312	2/27/2024 10:39	2/27/2024 14:09	210	0.12
564518	2/27/2024 10:40	2/27/2024 16:42	361.78	0
10013697	2/27/2024 10:40	2/27/2024 14:36	236	0
1265778	2/27/2024 10:40	2/27/2024 19:14	514.5	0
1551510	2/27/2024 10:40	2/27/2024 14:37	237	0
975191	2/27/2024 10:41	2/28/2024 9:00	1338.1	0
1193174	2/27/2024 10:41	2/27/2024 19:51	550.5	0
237266	2/27/2024 10:42	2/27/2024 14:12	210	0
1465391	2/27/2024 10:43	2/27/2024 20:04	560.7	0
1565203	2/27/2024 10:43	2/27/2024 11:46	63	0
975032	2/27/2024 10:43	2/27/2024 10:59	16	0
1251782	2/27/2024 10:43	2/27/2024 19:28	524.2	0
237177	2/27/2024 10:44	2/27/2024 14:14	210	0
238732	2/27/2024 10:44	2/27/2024 14:13	209	0.2
41508	2/27/2024 10:44	2/27/2024 11:46	62	0
198082	2/27/2024 10:45	2/27/2024 11:01	16	0
1361099	2/27/2024 10:45	2/27/2024 19:33	528.5	0
183822	2/27/2024 10:45	2/27/2024 19:32	527.43	0
817825	2/27/2024 10:45	2/27/2024 19:28	522.2	0
450309	2/27/2024 10:46	2/27/2024 11:17	31	0
449377	2/27/2024 10:46	2/27/2024 10:51	5	0
11176351	2/27/2024 10:46	2/27/2024 11:33	47	0
1430553	2/27/2024 10:47	2/27/2024 19:48	540.7	0
816722	2/27/2024 10:47	2/27/2024 19:21	513.2	0
562727	2/27/2024 10:47	2/27/2024 11:18	31	0
1363754	2/27/2024 10:47	2/27/2024 19:39	532.5	0
1556243	2/27/2024 10:48	2/27/2024 11:51	63	0
1430644	2/27/2024 10:49	2/27/2024 19:23	514.23	0.07
1430838	2/27/2024 10:49	2/27/2024 20:00	550.7	0
69207	2/27/2024 10:49	2/28/2024 9:00	1330.57	0
624716	2/27/2024 10:50	2/27/2024 19:35	524.78	0
8068454	2/27/2024 10:50	2/27/2024 19:51	540.78	0
449377	2/27/2024 10:51	2/27/2024 11:12	21	0
70866	2/27/2024 10:51	2/27/2024 12:05	74	0
1332906	2/27/2024 10:51	2/27/2024 19:09	498.5	0
68620	2/27/2024 10:51	2/28/2024 9:00	1328.8	0
12682110	2/27/2024 10:52	2/27/2024 19:58	545.7	0
1453263	2/27/2024 10:52	2/27/2024 19:48	535.7	0
626477	2/27/2024 10:52	2/27/2024 19:32	519.78	0
552210	2/27/2024 10:53	2/27/2024 19:43	529.78	0

574596	2/27/2024 10:53	2/27/2024 19:28	514.78	0
800600	2/27/2024 10:54	2/27/2024 14:08	194	0
800588	2/27/2024 10:54	2/27/2024 14:08	194	0
10659831	2/27/2024 10:55	2/27/2024 20:01	545.7	0
801004	2/27/2024 10:55	2/27/2024 14:10	195	0
800590	2/27/2024 10:55	2/27/2024 14:10	195	0
1516579	2/27/2024 10:56	2/27/2024 11:38	42	0
197356	2/27/2024 10:58	2/27/2024 19:53	535.43	0
519373	2/27/2024 10:58	2/27/2024 19:53	535.67	0
1393633	2/27/2024 10:59	2/27/2024 19:48	529.5	0.74
975032	2/27/2024 10:59	2/27/2024 14:13	194	0
1395587	2/27/2024 11:00	2/27/2024 20:00	540.5	0
260516	2/27/2024 11:00	2/27/2024 19:29	509.43	0.07
1654064	2/27/2024 11:01	2/27/2024 18:58	476.83	0
1576533	2/27/2024 11:01	2/27/2024 14:17	196	0
198082	2/27/2024 11:01	2/27/2024 19:46	525	0
196965	2/27/2024 11:02	2/27/2024 19:41	519.43	0
259674	2/27/2024 11:03	2/27/2024 19:21	498.43	0
1432827	2/27/2024 11:03	2/27/2024 19:47	523.7	0.21
10393495	2/27/2024 11:04	2/27/2024 11:36	32	0
1573666	2/27/2024 11:04	2/27/2024 20:04	539.7	0
1431804	2/27/2024 11:06	2/27/2024 19:50	523.7	0
473595	2/27/2024 11:06	2/27/2024 11:40	34	0
127206	2/27/2024 11:10	2/28/2024 9:00	1309.8	0
1493766	2/27/2024 11:11	2/27/2024 19:55	524.5	0
1385431	2/27/2024 11:11	2/27/2024 19:59	528.5	0
416557	2/27/2024 11:12	2/27/2024 19:11	478.78	0
29635	2/27/2024 11:12	2/28/2024 9:00	1307.57	0
449377	2/27/2024 11:12	2/27/2024 11:33	21	0
1064575	2/27/2024 11:13	2/27/2024 19:06	472.83	0.01
1064514	2/27/2024 11:14	2/27/2024 19:04	469.83	0
6828301	2/27/2024 11:14	2/27/2024 19:34	500.43	0
450309	2/27/2024 11:17	2/27/2024 14:05	168	0
563721	2/27/2024 11:17	2/27/2024 11:33	16	0
562727	2/27/2024 11:18	2/27/2024 19:31	492.78	0.01
500173	2/27/2024 11:19	2/27/2024 19:02	462.78	0.27
68308	2/27/2024 11:19	2/28/2024 9:00	1300.57	0
1638431	2/27/2024 11:22	2/27/2024 11:37	15	0
562856	2/27/2024 11:23	2/27/2024 19:25	481.78	0
646026	2/27/2024 11:24	2/27/2024 11:40	16	0
645339	2/27/2024 11:24	2/27/2024 11:39	15	0
468492	2/27/2024 11:24	2/28/2024 9:00	1295.27	0
1288420	2/27/2024 11:26	2/27/2024 11:31	5	0
563241	2/27/2024 11:26	2/27/2024 19:19	472.78	0
569420	2/27/2024 11:27	2/27/2024 19:20	472.78	0
1375642	2/27/2024 11:27	2/27/2024 12:30	63	0
411308	2/27/2024 11:28	2/27/2024 14:27	179	0

265955	2/27/2024 11:30	2/28/2024 9:00	1289.8	0
1683861	2/27/2024 11:31	2/27/2024 19:43	492.43	0
1288420	2/27/2024 11:31	2/27/2024 11:42	11	0
561672	2/27/2024 11:32	2/27/2024 11:47	15	0
675499	2/27/2024 11:32	2/27/2024 19:30	477.2	0
449377	2/27/2024 11:33	2/27/2024 11:54	21	0
11176351	2/27/2024 11:33	2/27/2024 19:41	487.7	0
449036	2/27/2024 11:33	2/27/2024 14:22	169	0
563721	2/27/2024 11:33	2/27/2024 11:46	13	0
1514004	2/27/2024 11:34	2/27/2024 11:45	11	0
1267978	2/27/2024 11:34	2/27/2024 12:11	37	0
276488	2/27/2024 11:35	2/27/2024 11:51	16	0
1394543	2/27/2024 11:35	2/28/2024 9:00	1284.65	0
281235	2/27/2024 11:35	2/27/2024 11:50	15	0
274059	2/27/2024 11:35	2/27/2024 11:50	15	0
1394467	2/27/2024 11:35	2/28/2024 9:00	1284.65	0
1674381	2/27/2024 11:35	2/27/2024 11:51	16	0
10393495	2/27/2024 11:36	2/27/2024 11:51	15	0
277301	2/27/2024 11:36	2/27/2024 11:51	15	0
274125	2/27/2024 11:36	2/27/2024 11:51	15	0
9063373	2/27/2024 11:36	2/27/2024 12:07	31	0
4173986	2/27/2024 11:36	2/27/2024 11:51	15	0
277818	2/27/2024 11:36	2/27/2024 11:52	16	0
1638431	2/27/2024 11:37	2/27/2024 19:56	498.7	0
1638359	2/27/2024 11:37	2/27/2024 19:52	494.7	0
1394324	2/27/2024 11:37	2/27/2024 12:04	27	0
1638308	2/27/2024 11:37	2/27/2024 12:36	59	0
1624452	2/27/2024 11:37	2/27/2024 15:33	235.7	0
1394442	2/27/2024 11:37	2/28/2024 9:00	1282.65	0
1516579	2/27/2024 11:38	2/27/2024 11:54	16	0
645339	2/27/2024 11:39	2/27/2024 11:55	16	0
903630	2/27/2024 11:39	2/28/2024 9:00	1280	0
646026	2/27/2024 11:40	2/27/2024 11:51	11	0
473595	2/27/2024 11:40	2/27/2024 19:11	450.78	0
1515733	2/27/2024 11:40	2/27/2024 11:56	16	0
1638479	2/27/2024 11:40	2/27/2024 12:36	56	0
1288420	2/27/2024 11:42	2/27/2024 11:47	5	0
5834752	2/27/2024 11:42	2/27/2024 12:13	31	0
353651	2/27/2024 11:43	2/27/2024 12:17	34	0
8511715	2/27/2024 11:44	2/27/2024 12:15	31	0
344641	2/27/2024 11:44	2/27/2024 12:12	28	0
1514004	2/27/2024 11:45	2/27/2024 14:33	168	0
345394	2/27/2024 11:45	2/27/2024 12:16	31	0
188843	2/27/2024 11:46	2/28/2024 9:00	1273.57	0
563721	2/27/2024 11:46	2/27/2024 12:01	15	0
1515964	2/27/2024 11:46	2/27/2024 20:04	497.7	0
353082	2/27/2024 11:46	2/27/2024 12:13	27	0

1565203	2/27/2024 11:46	2/27/2024 12:02	16	0
41508	2/27/2024 11:46	2/27/2024 11:57	11	0
561672	2/27/2024 11:47	2/27/2024 12:03	16	0
1288420	2/27/2024 11:47	2/27/2024 14:55	188.5	0
347031	2/27/2024 11:47	2/27/2024 12:13	26	0
8950281	2/27/2024 11:47	2/27/2024 12:20	33	0
709832	2/27/2024 11:48	2/27/2024 12:50	62	0
281235	2/27/2024 11:50	2/27/2024 14:19	149	0
274059	2/27/2024 11:50	2/27/2024 14:23	153	0
1556434	2/27/2024 11:50	2/27/2024 12:32	42	0
1412757	2/27/2024 11:50	2/27/2024 19:20	450.5	0
51483	2/27/2024 11:50	2/27/2024 12:16	26	0
276488	2/27/2024 11:51	2/27/2024 19:59	488.43	0
4173986	2/27/2024 11:51	2/27/2024 20:00	489.43	0
274125	2/27/2024 11:51	2/27/2024 14:20	149	0
277301	2/27/2024 11:51	2/27/2024 19:59	488.43	0
646026	2/27/2024 11:51	2/27/2024 12:06	15	0
10393495	2/27/2024 11:51	2/27/2024 14:33	162.67	0.09
1674381	2/27/2024 11:51	2/27/2024 19:09	437.78	0
1554218	2/27/2024 11:51	2/27/2024 12:33	42	0
1556486	2/27/2024 11:51	2/27/2024 12:33	42	0
1556243	2/27/2024 11:51	2/27/2024 12:33	42	0
277818	2/27/2024 11:52	2/27/2024 19:52	480.43	0
1701172	2/27/2024 11:53	2/27/2024 14:41	168.5	0
1321114	2/27/2024 11:53	2/27/2024 15:07	194.5	0
1321605	2/27/2024 11:54	2/27/2024 14:26	152	0
449377	2/27/2024 11:54	2/27/2024 12:16	22	0
1516579	2/27/2024 11:54	2/27/2024 12:09	15	0
645339	2/27/2024 11:55	2/27/2024 14:54	179	0
1515733	2/27/2024 11:56	2/27/2024 12:06	10	0
1320619	2/27/2024 11:56	2/27/2024 15:07	191.5	0
8486022	2/27/2024 11:56	2/27/2024 12:43	47	0
1320646	2/27/2024 11:56	2/27/2024 15:09	193.5	0
1446401	2/27/2024 11:57	2/27/2024 12:42	45	0
1445317	2/27/2024 11:57	2/27/2024 12:43	46	0
1320008	2/27/2024 11:57	2/27/2024 14:25	148	0
1320845	2/27/2024 11:57	2/27/2024 15:11	194.5	0.13
41508	2/27/2024 11:57	2/27/2024 12:13	16	0
353728	2/27/2024 11:58	2/27/2024 12:44	46	0
1034043	2/27/2024 11:58	2/28/2024 9:00	1261.1	0
563721	2/27/2024 12:01	2/27/2024 14:34	153	0
1565203	2/27/2024 12:02	2/27/2024 12:17	15	0
561672	2/27/2024 12:03	2/27/2024 14:20	137	0
1394324	2/27/2024 12:04	2/27/2024 15:34	210.5	0
70866	2/27/2024 12:05	2/27/2024 19:44	459.67	0
646026	2/27/2024 12:06	2/27/2024 14:54	168	0
1515733	2/27/2024 12:06	2/27/2024 14:07	121	0

10659208	2/27/2024 12:07	2/27/2024 14:08	121	0
9063373	2/27/2024 12:07	2/27/2024 15:36	209.5	0
918098	2/27/2024 12:08	2/28/2024 9:00	1251	0
338734	2/27/2024 12:09	2/27/2024 14:10	121	0
1516579	2/27/2024 12:09	2/27/2024 14:26	137	0
1267978	2/27/2024 12:11	2/27/2024 14:21	130	0
344641	2/27/2024 12:12	2/27/2024 19:52	460.43	0
347031	2/27/2024 12:13	2/27/2024 19:53	460.43	0
5834752	2/27/2024 12:13	2/27/2024 19:53	460.43	0
41508	2/27/2024 12:13	2/27/2024 13:00	47	0
353082	2/27/2024 12:13	2/27/2024 14:13	120	0
8511715	2/27/2024 12:15	2/27/2024 19:52	457.43	0
449377	2/27/2024 12:16	2/27/2024 13:45	89	0
51483	2/27/2024 12:16	2/27/2024 15:04	168.43	0
345394	2/27/2024 12:16	2/27/2024 19:58	462.43	0
1565203	2/27/2024 12:17	2/27/2024 14:29	132	0
353651	2/27/2024 12:17	2/27/2024 14:12	115	0
8950281	2/27/2024 12:20	2/27/2024 15:02	162.43	0
15611	2/27/2024 12:30	2/28/2024 9:00	1229.8	0
1375642	2/27/2024 12:30	2/27/2024 15:29	179.5	0
11435788	2/27/2024 12:30	2/28/2024 9:00	1229.8	0
1493132	2/27/2024 12:30	2/27/2024 13:02	32	0
7937779	2/27/2024 12:32	2/27/2024 15:30	178.5	0
14605	2/27/2024 12:32	2/28/2024 9:00	1227.8	0
13876	2/27/2024 12:32	2/28/2024 9:00	1227.8	0
1556434	2/27/2024 12:32	2/27/2024 14:48	136	0
1556243	2/27/2024 12:33	2/27/2024 14:49	136	0
1556486	2/27/2024 12:33	2/27/2024 14:50	137	0
945898	2/27/2024 12:33	2/27/2024 14:18	105	0
1554218	2/27/2024 12:33	2/27/2024 14:50	137	0
14239	2/27/2024 12:34	2/28/2024 9:00	1225.8	0
1638308	2/27/2024 12:36	2/27/2024 19:57	440.7	0
1638479	2/27/2024 12:36	2/27/2024 19:59	442.7	0
1446401	2/27/2024 12:42	2/27/2024 14:27	105	0
8486022	2/27/2024 12:43	2/27/2024 14:28	105	0
1445317	2/27/2024 12:43	2/27/2024 14:12	89	0
353728	2/27/2024 12:44	2/28/2024 9:00	1215.57	0
709832	2/27/2024 12:50	2/27/2024 14:19	89	0
41508	2/27/2024 13:00	2/28/2024 9:00	1199.57	0
1493132	2/27/2024 13:02	2/27/2024 15:28	146.5	0
989956	2/27/2024 13:07	2/27/2024 19:10	362.83	0
328570	2/27/2024 13:14	2/28/2024 9:00	1185.57	0
957615	2/27/2024 13:27	2/27/2024 14:56	89	0
169731	2/27/2024 13:30	2/28/2024 9:00	1169.57	0
174362	2/27/2024 13:31	2/28/2024 9:00	1168.57	0
188639	2/27/2024 13:40	2/27/2024 15:30	110.43	0
34905	2/27/2024 13:40	2/28/2024 9:00	1159.57	0

35442	2/27/2024 13:41	2/27/2024 19:56	375.43	0
24124	2/27/2024 13:42	2/27/2024 21:04	442.43	0
34832	2/27/2024 13:42	2/27/2024 21:01	439.43	0
34887	2/27/2024 13:42	2/27/2024 19:54	372.43	0
25674	2/27/2024 13:44	2/27/2024 15:28	104.43	0
23462	2/27/2024 13:44	2/27/2024 19:41	357.43	0
449377	2/27/2024 13:45	2/27/2024 14:22	37	0
810130	2/27/2024 13:57	2/27/2024 14:44	47	0
450309	2/27/2024 14:05	2/27/2024 19:09	303.78	0
1515733	2/27/2024 14:07	2/27/2024 14:23	16	0
10659208	2/27/2024 14:08	2/27/2024 19:49	341	0
800600	2/27/2024 14:08	2/27/2024 14:34	26	0
800588	2/27/2024 14:08	2/27/2024 14:24	16	0
916441	2/27/2024 14:08	2/27/2024 19:28	319.2	0
916360	2/27/2024 14:09	2/27/2024 19:24	315	0
237312	2/27/2024 14:09	2/27/2024 19:40	331.43	0
916118	2/27/2024 14:09	2/27/2024 19:30	320.2	0
801004	2/27/2024 14:10	2/27/2024 14:25	15	0
338734	2/27/2024 14:10	2/27/2024 19:50	340.43	0
800590	2/27/2024 14:10	2/27/2024 14:25	15	0
1347024	2/27/2024 14:11	2/27/2024 19:37	326.5	0
1347943	2/27/2024 14:11	2/27/2024 19:32	321.5	0
975066	2/27/2024 14:11	2/27/2024 14:27	16	0
1347949	2/27/2024 14:11	2/27/2024 19:30	319.5	0
237266	2/27/2024 14:12	2/27/2024 19:05	293.43	0
1349032	2/27/2024 14:12	2/27/2024 19:37	325.5	0
1702936	2/27/2024 14:12	2/27/2024 19:38	326.5	0
1445317	2/27/2024 14:12	2/27/2024 14:27	15	0
353651	2/27/2024 14:12	2/27/2024 15:28	76.43	0
1347888	2/27/2024 14:12	2/27/2024 19:37	325.5	0
1349177	2/27/2024 14:12	2/27/2024 19:31	319.5	0
1349083	2/27/2024 14:13	2/27/2024 19:43	330.5	0
1348044	2/27/2024 14:13	2/27/2024 19:32	319.5	0
353082	2/27/2024 14:13	2/27/2024 15:29	76	0
1349766	2/27/2024 14:13	2/27/2024 19:28	315.5	0
975032	2/27/2024 14:13	2/27/2024 14:29	16	0
238732	2/27/2024 14:13	2/27/2024 19:38	325.43	0
1348976	2/27/2024 14:14	2/27/2024 19:50	336.5	0
237177	2/27/2024 14:14	2/27/2024 19:17	303.43	0
887599	2/27/2024 14:15	2/27/2024 14:32	17	0
1576533	2/27/2024 14:17	2/27/2024 15:17	59.7	0
852125	2/27/2024 14:18	2/27/2024 19:38	320	0
945898	2/27/2024 14:18	2/27/2024 15:06	47.2	0
281235	2/27/2024 14:19	2/27/2024 14:34	15.43	0
709832	2/27/2024 14:19	2/27/2024 14:36	17	0
274125	2/27/2024 14:20	2/27/2024 14:35	15.43	0
561672	2/27/2024 14:20	2/27/2024 14:30	10	0

1267978	2/27/2024 14:21	2/27/2024 19:27	305.83	0
449377	2/27/2024 14:22	2/27/2024 14:37	15	0
449036	2/27/2024 14:22	2/27/2024 14:48	26	0
447406	2/27/2024 14:22	2/27/2024 21:21	418.78	0
852071	2/27/2024 14:23	2/27/2024 19:44	320.2	0
274059	2/27/2024 14:23	2/27/2024 14:37	14.43	0
1515733	2/27/2024 14:23	2/27/2024 14:38	15	0
800588	2/27/2024 14:24	2/27/2024 14:55	31	0
381982	2/27/2024 14:25	2/27/2024 15:28	62.78	0
8511623	2/27/2024 14:25	2/27/2024 14:39	14.43	0
801004	2/27/2024 14:25	2/27/2024 14:52	27	0
8910809	2/27/2024 14:25	2/27/2024 15:29	63.78	0
6995795	2/27/2024 14:25	2/27/2024 15:30	64.78	0
800590	2/27/2024 14:25	2/27/2024 14:52	27	0
1320008	2/27/2024 14:25	2/27/2024 14:39	14.5	0
1516579	2/27/2024 14:26	2/27/2024 14:41	15	0
380057	2/27/2024 14:26	2/27/2024 15:29	62.78	0
1321605	2/27/2024 14:26	2/27/2024 14:40	14.5	0
1445317	2/27/2024 14:27	2/27/2024 14:42	15	0
975066	2/27/2024 14:27	2/27/2024 14:43	16	0
411308	2/27/2024 14:27	2/27/2024 19:42	314.78	0
1446401	2/27/2024 14:27	2/27/2024 15:12	44.7	0
8486022	2/27/2024 14:28	2/27/2024 15:10	41.7	0
975032	2/27/2024 14:29	2/27/2024 14:44	15	0
380736	2/27/2024 14:29	2/27/2024 15:28	58.78	0
1565203	2/27/2024 14:29	2/27/2024 14:44	15	0
561672	2/27/2024 14:30	2/27/2024 14:46	16	0
926657	2/27/2024 14:31	2/27/2024 19:31	299.2	0
926638	2/27/2024 14:32	2/28/2024 9:00	1107	0
887599	2/27/2024 14:32	2/27/2024 15:17	45	0
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928438	2/27/2024 14:33	2/28/2024 9:00	1106.42	0
1513398	2/27/2024 14:33	2/27/2024 14:49	16	0
1514004	2/27/2024 14:33	2/27/2024 14:49	16	0
926505	2/27/2024 14:33	2/28/2024 9:00	1106	0
800600	2/27/2024 14:34	2/27/2024 14:51	17	0
281235	2/27/2024 14:34	2/27/2024 19:55	321	0
563721	2/27/2024 14:34	2/27/2024 19:22	287.78	0
274125	2/27/2024 14:35	2/27/2024 20:00	325	0
926503	2/27/2024 14:35	2/28/2024 9:00	1104.42	0
10013697	2/27/2024 14:36	2/27/2024 20:02	325.7	0
709832	2/27/2024 14:36	2/27/2024 19:29	292.2	0
449377	2/27/2024 14:37	2/27/2024 14:48	11	0
1551510	2/27/2024 14:37	2/27/2024 20:02	324.7	0
274059	2/27/2024 14:37	2/27/2024 19:53	316	0
625386	2/27/2024 14:38	2/27/2024 15:08	29.78	0
1515733	2/27/2024 14:38	2/27/2024 19:59	321	0

624901	2/27/2024 14:38	2/27/2024 15:09	30.78	0
1551513	2/27/2024 14:39	2/27/2024 20:04	324.7	0
1320008	2/27/2024 14:39	2/27/2024 19:24	285	0
8511623	2/27/2024 14:39	2/27/2024 14:55	16	0
1451744	2/27/2024 14:39	2/27/2024 19:54	314.7	0
1550815	2/27/2024 14:39	2/27/2024 19:59	319.7	0
1321605	2/27/2024 14:40	2/27/2024 19:13	273	0
1555268	2/27/2024 14:40	2/27/2024 14:55	15	0
1452193	2/27/2024 14:40	2/27/2024 19:50	309.7	0
1516579	2/27/2024 14:41	2/27/2024 19:56	314.7	0
1701172	2/27/2024 14:41	2/27/2024 19:14	273	0
1445317	2/27/2024 14:42	2/27/2024 19:47	304.7	0
975066	2/27/2024 14:43	2/27/2024 14:58	15	0
810130	2/27/2024 14:44	2/27/2024 18:56	251.2	0
975032	2/27/2024 14:44	2/27/2024 15:11	26.83	0
1565203	2/27/2024 14:44	2/27/2024 19:54	309.7	0
561672	2/27/2024 14:46	2/27/2024 19:50	303.78	0
1513240	2/27/2024 14:46	2/27/2024 20:02	315.7	0
8434548	2/27/2024 14:47	2/27/2024 19:57	310	0
449036	2/27/2024 14:48	2/27/2024 19:04	255.78	0
330528	2/27/2024 14:48	2/27/2024 19:32	284	0
1556434	2/27/2024 14:48	2/27/2024 20:03	314.7	0
449377	2/27/2024 14:48	2/27/2024 15:20	31.78	0
12378019	2/27/2024 14:49	2/27/2024 19:59	310	0
1556243	2/27/2024 14:49	2/27/2024 20:06	316.7	0
1514004	2/27/2024 14:49	2/27/2024 19:59	309.7	0
1513398	2/27/2024 14:49	2/27/2024 19:59	309.7	0
1554218	2/27/2024 14:50	2/27/2024 20:15	324.7	0
1556486	2/27/2024 14:50	2/27/2024 19:59	308.7	0
1523524	2/27/2024 14:51	2/28/2024 9:00	1088.63	0
800600	2/27/2024 14:51	2/27/2024 19:25	273.2	0
801004	2/27/2024 14:52	2/27/2024 19:31	278.2	0
1554677	2/27/2024 14:52	2/27/2024 20:02	309.7	0
800590	2/27/2024 14:52	2/27/2024 19:25	272.2	0
1555376	2/27/2024 14:54	2/27/2024 19:59	304.7	0
645339	2/27/2024 14:54	2/27/2024 19:11	256.78	0
646026	2/27/2024 14:54	2/27/2024 19:12	257.78	0
8511623	2/27/2024 14:55	2/27/2024 19:54	299	0
1555268	2/27/2024 14:55	2/27/2024 20:05	309.7	0
1288420	2/27/2024 14:55	2/27/2024 15:00	5	0
800588	2/27/2024 14:55	2/27/2024 19:30	274.2	0
957615	2/27/2024 14:56	2/27/2024 19:39	282.83	0
975066	2/27/2024 14:58	2/27/2024 19:31	272.83	0
1288420	2/27/2024 15:00	2/27/2024 15:26	26	0
8950281	2/27/2024 15:02	2/27/2024 20:10	308	0
51483	2/27/2024 15:04	2/27/2024 20:00	296	0
601397	2/27/2024 15:06	2/27/2024 19:18	252	0

945898	2/27/2024 15:06	2/27/2024 19:02	236	0
1320619	2/27/2024 15:07	2/27/2024 18:00	173	0
1321114	2/27/2024 15:07	2/27/2024 19:24	257	0
625386	2/27/2024 15:08	2/27/2024 19:33	265	0
1321663	2/27/2024 15:09	2/27/2024 19:21	252	0
624901	2/27/2024 15:09	2/27/2024 19:37	268	0
1320646	2/27/2024 15:09	2/27/2024 19:26	257	0
1321750	2/27/2024 15:10	2/27/2024 19:27	257	0
8486022	2/27/2024 15:10	2/27/2024 19:59	289	0
975032	2/27/2024 15:11	2/27/2024 15:58	47	0
954332	2/27/2024 15:11	2/27/2024 19:48	277	0
1320845	2/27/2024 15:11	2/27/2024 19:23	252	0
1446401	2/27/2024 15:12	2/27/2024 19:57	285	0
2032900	2/27/2024 15:12	2/27/2024 19:23	251	0
1319739	2/27/2024 15:12	2/28/2024 9:00	1067.15	0
954637	2/27/2024 15:13	2/27/2024 19:48	275	0
1576533	2/27/2024 15:17	2/27/2024 20:00	283	0
887599	2/27/2024 15:17	2/27/2024 19:29	252	0
449377	2/27/2024 15:20	2/27/2024 16:02	42	0
1288420	2/27/2024 15:26	2/27/2024 15:32	6	0
25674	2/27/2024 15:28	2/27/2024 19:35	247	0
353651	2/27/2024 15:28	2/27/2024 19:41	253	0
1493132	2/27/2024 15:28	2/27/2024 20:01	273	0
380736	2/27/2024 15:28	2/27/2024 19:14	226	0
381982	2/27/2024 15:28	2/27/2024 19:25	237	0
1375642	2/27/2024 15:29	2/27/2024 20:02	273	0
353082	2/27/2024 15:29	2/27/2024 19:57	268.67	0
8910809	2/27/2024 15:29	2/27/2024 19:14	225	0
380057	2/27/2024 15:29	2/27/2024 19:28	239	0
6995795	2/27/2024 15:30	2/27/2024 19:26	236	0
188639	2/27/2024 15:30	2/27/2024 21:06	336	0
7937779	2/27/2024 15:30	2/27/2024 19:47	257	0
1288420	2/27/2024 15:32	2/28/2024 9:00	1047.15	0
1624452	2/27/2024 15:33	2/27/2024 19:35	242	0
1394324	2/27/2024 15:34	2/27/2024 20:07	273	0
9063373	2/27/2024 15:36	2/27/2024 20:04	268	0
7879030	2/27/2024 15:38	2/27/2024 19:13	215	0
1346410	2/27/2024 15:41	2/28/2024 9:00	1038.15	0
1346671	2/27/2024 15:43	2/28/2024 9:00	1036.15	0
1469850	2/27/2024 15:55	2/27/2024 19:46	231	0
975032	2/27/2024 15:58	2/27/2024 19:28	210	0
1469270	2/27/2024 15:59	2/27/2024 20:00	241	0
449377	2/27/2024 16:02	2/27/2024 16:39	37	0
1326419	2/27/2024 16:13	2/27/2024 19:19	186	0
1325831	2/27/2024 16:16	2/27/2024 19:14	178	0
469018	2/27/2024 16:20	2/27/2024 19:29	189	0
449377	2/27/2024 16:39	2/27/2024 16:55	16	0

564518	2/27/2024 16:42	2/28/2024 9:00	977.48	0
449377	2/27/2024 16:55	2/27/2024 17:37	42	0
1516786	2/27/2024 17:10	2/27/2024 20:03	173	0
593798	2/27/2024 17:17	2/28/2024 8:47	930	0
479880	2/27/2024 17:22	2/27/2024 19:18	116	0
449377	2/27/2024 17:37	2/27/2024 18:03	26	0
1320619	2/27/2024 18:00	2/28/2024 9:00	899.15	0
449377	2/27/2024 18:03	2/27/2024 18:24	21	0
385332	2/27/2024 18:19	2/28/2024 9:00	880.48	0
449377	2/27/2024 18:24	2/27/2024 19:06	42	0
810130	2/27/2024 18:56	2/28/2024 9:00	843.83	0
1654064	2/27/2024 18:58	2/28/2024 9:00	841.27	0
593397	2/27/2024 19:01	2/28/2024 8:46	825	0
790670	2/27/2024 19:01	2/28/2024 9:00	838.83	0
500173	2/27/2024 19:02	2/28/2024 9:00	837.48	0
1340760	2/27/2024 19:02	2/28/2024 9:00	837.15	0
945898	2/27/2024 19:02	2/28/2024 9:00	837.83	0
449036	2/27/2024 19:04	2/28/2024 9:00	835.48	0
664453	2/27/2024 19:04	2/28/2024 9:00	835.83	0
1064514	2/27/2024 19:04	2/28/2024 9:00	835.27	0
1340395	2/27/2024 19:04	2/28/2024 9:00	835.15	0
237266	2/27/2024 19:05	2/28/2024 9:00	834.13	0
1064575	2/27/2024 19:06	2/28/2024 9:00	833.27	0
449377	2/27/2024 19:06	2/27/2024 20:46	100	0
1340791	2/27/2024 19:09	2/28/2024 9:00	830.15	0
1332906	2/27/2024 19:09	2/28/2024 9:00	830.15	0
450309	2/27/2024 19:09	2/28/2024 9:00	830.48	0
1674381	2/27/2024 19:09	2/28/2024 9:00	830.48	0
989956	2/27/2024 19:10	2/28/2024 9:00	829.27	0
416557	2/27/2024 19:11	2/28/2024 9:00	828.48	0
645339	2/27/2024 19:11	2/28/2024 9:00	828.48	0
473595	2/27/2024 19:11	2/28/2024 9:00	828.48	0
740241	2/27/2024 19:12	2/28/2024 9:00	827.83	0
646026	2/27/2024 19:12	2/28/2024 9:00	827.48	0
1321605	2/27/2024 19:13	2/28/2024 9:00	826.15	0
7879030	2/27/2024 19:13	2/28/2024 9:00	826.48	0
1019446	2/27/2024 19:14	2/28/2024 9:00	825.27	0
1265778	2/27/2024 19:14	2/28/2024 9:00	825.15	0
8910809	2/27/2024 19:14	2/28/2024 9:00	825.48	0
1325831	2/27/2024 19:14	2/28/2024 9:00	825.15	0
1701172	2/27/2024 19:14	2/28/2024 9:00	825.15	0
380736	2/27/2024 19:14	2/28/2024 9:00	825.48	0
237177	2/27/2024 19:17	2/28/2024 9:00	822.13	0
510307	2/27/2024 19:18	2/28/2024 9:00	821.48	0
601397	2/27/2024 19:18	2/28/2024 9:00	821.48	0
479880	2/27/2024 19:18	2/28/2024 8:49	811	0
1326419	2/27/2024 19:19	2/28/2024 9:00	820.15	0

563241	2/27/2024 19:19	2/28/2024 9:00	820.48	0
506261	2/27/2024 19:20	2/28/2024 9:00	819.48	0
1412757	2/27/2024 19:20	2/28/2024 9:00	819.15	0
569420	2/27/2024 19:20	2/28/2024 9:00	819.48	0
816722	2/27/2024 19:21	2/28/2024 9:00	818.83	0
1321663	2/27/2024 19:21	2/28/2024 9:00	818.15	0
1432940	2/27/2024 19:21	2/28/2024 9:00	818.93	0
197690	2/27/2024 19:21	2/28/2024 9:00	818.13	0
259674	2/27/2024 19:21	2/28/2024 9:00	818.13	0
793285	2/27/2024 19:22	2/28/2024 9:00	817.83	0
563721	2/27/2024 19:22	2/28/2024 9:00	817.48	0
605186	2/27/2024 19:23	2/28/2024 9:00	816.48	0
1415828	2/27/2024 19:23	2/28/2024 9:00	816.15	0
1320845	2/27/2024 19:23	2/28/2024 9:00	816.15	0
2032900	2/27/2024 19:23	2/28/2024 9:00	816.15	0
1430644	2/27/2024 19:23	2/28/2024 9:00	816.4	0
916360	2/27/2024 19:24	2/28/2024 9:00	815.42	0
1321114	2/27/2024 19:24	2/28/2024 9:00	815.15	0
1320008	2/27/2024 19:24	2/28/2024 9:00	815.15	0
800590	2/27/2024 19:25	2/28/2024 9:00	814.83	0
562856	2/27/2024 19:25	2/28/2024 9:00	814.48	0
381982	2/27/2024 19:25	2/28/2024 9:00	814.48	0
800600	2/27/2024 19:25	2/28/2024 9:00	814.83	0
1433348	2/27/2024 19:25	2/28/2024 9:00	814.93	0
6995795	2/27/2024 19:26	2/28/2024 9:00	813.48	0
1320646	2/27/2024 19:26	2/28/2024 9:00	813.15	0
1309098	2/27/2024 19:26	2/28/2024 9:00	813.15	0
195839	2/27/2024 19:27	2/28/2024 9:00	812.13	0
196408	2/27/2024 19:27	2/28/2024 9:00	812.13	0
1321750	2/27/2024 19:27	2/28/2024 9:00	812.15	0
197883	2/27/2024 19:27	2/28/2024 9:00	812.13	0
1267978	2/27/2024 19:27	2/28/2024 9:00	812.27	0
975032	2/27/2024 19:28	2/28/2024 9:00	811.27	0
1251782	2/27/2024 19:28	2/28/2024 9:00	811.83	0
6714863	2/27/2024 19:28	2/28/2024 9:00	811.83	0
574596	2/27/2024 19:28	2/28/2024 9:00	811.48	0
817825	2/27/2024 19:28	2/28/2024 9:00	811.83	0
380057	2/27/2024 19:28	2/28/2024 9:00	811.48	0
1349766	2/27/2024 19:28	2/28/2024 9:00	811.15	0
916441	2/27/2024 19:28	2/28/2024 9:00	811.83	0
627018	2/27/2024 19:28	2/28/2024 9:00	811.48	0
709832	2/27/2024 19:29	2/28/2024 9:00	810.83	0
260516	2/27/2024 19:29	2/28/2024 9:00	810.13	0
980398	2/27/2024 19:29	2/28/2024 9:00	810.27	0
887599	2/27/2024 19:29	2/28/2024 9:00	810.42	0
469018	2/27/2024 19:29	2/28/2024 9:00	810.48	0
1414392	2/27/2024 19:30	2/28/2024 9:00	809.15	0

675499	2/27/2024 19:30	2/28/2024 9:00	809.83	0
1347949	2/27/2024 19:30	2/28/2024 9:00	809.15	0
916118	2/27/2024 19:30	2/28/2024 9:00	809.83	0
800588	2/27/2024 19:30	2/28/2024 9:00	809.83	0
562727	2/27/2024 19:31	2/28/2024 9:00	808.48	0
691442	2/27/2024 19:31	2/28/2024 9:00	808.83	0
975066	2/27/2024 19:31	2/28/2024 9:00	808.27	0
1349177	2/27/2024 19:31	2/28/2024 9:00	808.15	0
801004	2/27/2024 19:31	2/28/2024 9:00	808.83	0
926657	2/27/2024 19:31	2/28/2024 9:00	808.83	0
1347943	2/27/2024 19:32	2/28/2024 9:00	807.15	0
574740	2/27/2024 19:32	2/28/2024 9:00	807.48	0
1348044	2/27/2024 19:32	2/28/2024 9:00	807.15	0
330528	2/27/2024 19:32	2/28/2024 9:00	807.13	0
626477	2/27/2024 19:32	2/28/2024 9:00	807.48	0
183822	2/27/2024 19:32	2/28/2024 9:00	807.13	0
1361099	2/27/2024 19:33	2/28/2024 9:00	806.15	0
625386	2/27/2024 19:33	2/28/2024 9:00	806.48	0
982898	2/27/2024 19:33	2/28/2024 9:00	806.27	0
981933	2/27/2024 19:33	2/28/2024 9:00	806.27	0
860281	2/27/2024 19:34	2/28/2024 9:00	805.83	0
6828301	2/27/2024 19:34	2/28/2024 9:00	805.13	0
971524	2/27/2024 19:34	2/28/2024 9:00	805.48	0
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1349032	2/27/2024 19:37	2/28/2024 9:00	802.15	0
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1347024	2/27/2024 19:37	2/28/2024 9:00	802.15	0
627289	2/27/2024 19:37	2/28/2024 9:00	802.48	0
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1310926	2/27/2024 19:37	2/28/2024 9:00	802.15	0
859747	2/27/2024 19:37	2/28/2024 9:00	802.83	0
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238732	2/27/2024 19:38	2/28/2024 9:00	801.13	0
1363754	2/27/2024 19:39	2/28/2024 9:00	800.15	0
553863	2/27/2024 19:39	2/28/2024 9:00	800.48	0
574993	2/27/2024 19:39	2/28/2024 9:00	800.48	0
957615	2/27/2024 19:39	2/28/2024 9:00	800.27	0
511266	2/27/2024 19:40	2/28/2024 9:00	799.48	0
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411308	2/27/2024 19:42	2/28/2024 9:00	797.48	0
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49209	2/27/2024 19:43	2/28/2024 9:00	796.13	0
1683861	2/27/2024 19:43	2/28/2024 9:00	796.13	0
1349083	2/27/2024 19:43	2/28/2024 9:00	796.15	0
852071	2/27/2024 19:44	2/28/2024 9:00	795.83	0
317797	2/27/2024 19:44	2/28/2024 9:00	795.13	0
70866	2/27/2024 19:44	2/28/2024 9:00	795.13	0
1466357	2/27/2024 19:45	2/28/2024 9:00	794.93	0
507365	2/27/2024 19:45	2/28/2024 9:00	794.48	0
1469850	2/27/2024 19:46	2/28/2024 9:00	793.93	0
317233	2/27/2024 19:46	2/28/2024 9:00	793.13	0
198082	2/27/2024 19:46	2/28/2024 9:00	793.8	0
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7937779	2/27/2024 19:47	2/28/2024 9:00	792.15	0
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1430294	2/27/2024 19:47	2/28/2024 9:00	792.93	0
954332	2/27/2024 19:48	2/28/2024 9:00	791.27	0
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1453263	2/27/2024 19:48	2/28/2024 9:00	791.93	0
954637	2/27/2024 19:48	2/28/2024 9:00	791.27	0
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1348976	2/27/2024 19:50	2/28/2024 9:00	789.15	0
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277818	2/27/2024 19:52	2/28/2024 9:00	787.13	0
1638359	2/27/2024 19:52	2/28/2024 9:00	787.93	0
8511715	2/27/2024 19:52	2/28/2024 9:00	787.13	0
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347031	2/27/2024 19:53	2/28/2024 9:00	786.13	0
519373	2/27/2024 19:53	2/28/2024 9:00	786.13	0
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8104722	2/27/2024 19:54	2/28/2024 9:00	785.13	0
1451744	2/27/2024 19:54	2/28/2024 9:00	785.93	0
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8511623	2/27/2024 19:54	2/28/2024 8:41	767	0
1565203	2/27/2024 19:54	2/28/2024 9:00	785.93	0
281235	2/27/2024 19:55	2/28/2024 9:00	784.13	0
1190246	2/27/2024 19:55	2/28/2024 9:00	784.15	0
1503634	2/27/2024 19:55	2/28/2024 9:00	784.15	0
1493766	2/27/2024 19:55	2/28/2024 9:00	784.15	0
8674977	2/27/2024 19:55	2/28/2024 9:00	784.15	0
314899	2/27/2024 19:55	2/28/2024 9:00	784.13	0
1393699	2/27/2024 19:56	2/28/2024 9:00	783.15	0
1516579	2/27/2024 19:56	2/28/2024 9:00	783.93	0
1638431	2/27/2024 19:56	2/28/2024 9:00	783.93	0
6280623	2/27/2024 19:56	2/28/2024 9:00	783.13	0
35442	2/27/2024 19:56	2/28/2024 9:00	783.13	0
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1584687	2/27/2024 19:57	2/28/2024 9:00	782.93	0
353082	2/27/2024 19:57	2/28/2024 9:00	782.13	0
1638308	2/27/2024 19:57	2/28/2024 9:00	782.93	0
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8524544	2/27/2024 19:58	2/28/2024 9:00	781.13	0
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1515733	2/27/2024 19:59	2/28/2024 9:00	780.4	0
1546695	2/27/2024 19:59	2/28/2024 9:00	780.93	0
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276488	2/27/2024 19:59	2/28/2024 9:00	780.13	0
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1555376	2/27/2024 19:59	2/28/2024 9:00	780.93	0
1556486	2/27/2024 19:59	2/28/2024 9:00	780.93	0
1385431	2/27/2024 19:59	2/28/2024 9:00	780.15	0
1638479	2/27/2024 19:59	2/28/2024 9:00	780.93	0
523489	2/27/2024 19:59	2/28/2024 9:00	780.8	0
8486022	2/27/2024 19:59	2/28/2024 9:00	780.93	0
12378019	2/27/2024 19:59	2/28/2024 9:00	780.13	0
51483	2/27/2024 20:00	2/28/2024 9:00	779.13	0
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1469270	2/27/2024 20:00	2/28/2024 9:00	779.93	0

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1395587	2/27/2024 20:00	2/28/2024 9:00	779.15	0
4173986	2/27/2024 20:00	2/28/2024 9:00	779.13	0
1493132	2/27/2024 20:01	2/28/2024 9:00	778.15	0
315730	2/27/2024 20:01	2/28/2024 9:00	778.13	0
1582130	2/27/2024 20:01	2/28/2024 9:00	778.93	0
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316997	2/27/2024 20:01	2/28/2024 9:00	778.13	0
1554677	2/27/2024 20:02	2/28/2024 9:00	777.93	0
1494722	2/27/2024 20:02	2/28/2024 9:00	777.15	0
9060128	2/27/2024 20:02	2/28/2024 9:00	777.13	0
324290	2/27/2024 20:02	2/28/2024 9:00	777.13	0
317084	2/27/2024 20:02	2/28/2024 9:00	777.8	0
314188	2/27/2024 20:02	2/28/2024 9:00	777.8	0
1375642	2/27/2024 20:02	2/28/2024 9:00	777.15	0
315169	2/27/2024 20:02	2/28/2024 9:00	777.8	0
1513240	2/27/2024 20:02	2/28/2024 9:00	777.93	0
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1524033	2/27/2024 20:02	2/28/2024 9:00	777.93	0
1556434	2/27/2024 20:03	2/28/2024 9:00	776.93	0
8148103	2/27/2024 20:03	2/28/2024 9:00	776.13	0
1516786	2/27/2024 20:03	2/28/2024 9:00	776.93	0
1421188	2/27/2024 20:03	2/28/2024 9:00	776.15	0
1573666	2/27/2024 20:04	2/28/2024 9:00	775.93	0
1551513	2/27/2024 20:04	2/28/2024 9:00	775.93	0
10393495	2/27/2024 20:04	2/28/2024 9:00	775.8	0
9063373	2/27/2024 20:04	2/28/2024 9:00	775.15	0
1515964	2/27/2024 20:04	2/28/2024 9:00	775.93	0
313269	2/27/2024 20:04	2/28/2024 9:00	775.13	0
1465391	2/27/2024 20:04	2/28/2024 9:00	775.93	0
1552154	2/27/2024 20:05	2/28/2024 9:00	774.93	0
1555268	2/27/2024 20:05	2/28/2024 9:00	774.93	0
1556243	2/27/2024 20:06	2/28/2024 9:00	773.93	0
320966	2/27/2024 20:06	2/28/2024 9:00	773.13	0
1394324	2/27/2024 20:07	2/28/2024 9:00	772.15	0
1641091	2/27/2024 20:08	2/28/2024 9:00	771.93	0
8950281	2/27/2024 20:10	2/28/2024 9:00	769.13	0
324249	2/27/2024 20:13	2/28/2024 9:00	766.13	0
325050	2/27/2024 20:14	2/28/2024 9:00	765.13	0
1554218	2/27/2024 20:15	2/28/2024 9:00	764.93	0
323747	2/27/2024 20:15	2/28/2024 9:00	764.13	0
193791	2/27/2024 20:32	2/28/2024 9:00	747.13	0
449377	2/27/2024 20:46	2/27/2024 21:28	42	0
34832	2/27/2024 21:01	2/28/2024 9:00	718.13	0
24124	2/27/2024 21:04	2/28/2024 9:00	715.13	0
188639	2/27/2024 21:06	2/28/2024 9:00	713.13	0

447406	2/27/2024 21:21	2/28/2024 9:00	698.48	0
449377	2/27/2024 21:28	2/27/2024 21:59	31	0
449377	2/27/2024 21:59	2/27/2024 22:15	16	0
449377	2/27/2024 22:15	2/27/2024 22:36	21	0
326028	2/27/2024 22:19	2/28/2024 9:00	640.13	0
449377	2/27/2024 22:36	2/27/2024 23:54	78	0
449377	2/27/2024 23:54	2/28/2024 0:26	32	0
449377	2/28/2024 0:26	2/28/2024 0:42	16	0
449377	2/28/2024 0:42	2/28/2024 1:08	26	0
449377	2/28/2024 1:08	2/28/2024 1:34	26	0
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449377	2/28/2024 4:07	2/28/2024 4:54	47	0
449377	2/28/2024 4:54	2/28/2024 5:47	53	0
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449377	2/28/2024 6:44	2/28/2024 7:47	63	0
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1445317	2/28/2024 7:55	2/28/2024 9:00	64.93	0
449377	2/28/2024 8:14	2/28/2024 8:29	15	0
449377	2/28/2024 8:29	2/28/2024 9:00	30.48	0
8511623	2/28/2024 8:41	2/28/2024 9:00	18.13	0
593397	2/28/2024 8:46	2/28/2024 9:00	13.48	0
593798	2/28/2024 8:47	2/28/2024 9:00	12.48	0
479880	2/28/2024 8:49	2/28/2024 9:00	10.48	0
470838	2/28/2024 8:50	2/28/2024 9:00	9.48	0
96751	2/28/2024 9:00	2/29/2024 9:00	1439.13	0
10714479	2/28/2024 9:00	2/29/2024 9:00	1439.93	0
1513541	2/28/2024 9:00	2/29/2024 9:00	1439.93	0
1453263	2/28/2024 9:00	2/28/2024 15:14	374	0
1366197	2/28/2024 9:00	2/29/2024 9:00	1439.15	0
479880	2/28/2024 9:00	2/28/2024 19:40	640	0
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1701172	2/28/2024 9:00	2/28/2024 18:59	599	0
10222019	2/28/2024 9:00	2/29/2024 9:00	1439.15	0
319279	2/28/2024 9:00	2/29/2024 9:00	1439.8	0
444688	2/28/2024 9:00	2/29/2024 9:00	1439.48	0
5834752	2/28/2024 9:00	2/29/2024 9:00	1439.13	0
675499	2/28/2024 9:00	2/28/2024 12:03	183	0
1516579	2/28/2024 9:00	2/28/2024 11:10	130	0
1352388	2/28/2024 9:00	2/29/2024 9:00	1439.15	0
7937779	2/28/2024 9:00	2/28/2024 10:14	74	0
1394324	2/28/2024 9:00	2/28/2024 20:00	660	0
554089	2/28/2024 9:00	2/29/2024 9:00	1439.48	0
8950281	2/28/2024 9:00	2/28/2024 16:01	421	0
623069	2/28/2024 9:00	2/28/2024 10:09	69	0
447406	2/28/2024 9:00	2/28/2024 11:53	173	0
953854	2/28/2024 9:00	2/29/2024 9:00	1439.27	0

353728	2/28/2024 9:00	2/28/2024 12:44	224	0
7879030	2/28/2024 9:00	2/28/2024 14:29	329	0
1413046	2/28/2024 9:00	2/29/2024 9:00	1439.15	0
326028	2/28/2024 9:00	2/29/2024 9:00	1439.13	0
1516786	2/28/2024 9:00	2/29/2024 9:00	1439.93	0
8724096	2/28/2024 9:00	2/29/2024 9:00	1439.15	0
1546695	2/28/2024 9:02	2/28/2024 19:37	635	0
202435	2/28/2024 9:06	2/29/2024 9:00	1433.13	0
664030	2/28/2024 9:07	2/29/2024 9:00	1432.83	0
562202	2/28/2024 9:07	2/29/2024 9:00	1432.48	0
1349766	2/28/2024 9:07	2/28/2024 15:27	380	0
345752	2/28/2024 9:07	2/29/2024 9:00	1432.13	0
811953	2/28/2024 9:07	2/29/2024 9:00	1432.83	0
574993	2/28/2024 9:07	2/28/2024 11:56	169	0
1288420	2/28/2024 9:08	2/29/2024 9:00	1431.15	0
623612	2/28/2024 9:09	2/28/2024 10:06	57	0
623871	2/28/2024 9:09	2/28/2024 10:06	57	0
593798	2/28/2024 9:13	2/28/2024 19:36	623	0
320966	2/28/2024 9:16	2/28/2024 11:32	136	0
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69207	2/28/2024 9:18	2/28/2024 19:53	635	0
68620	2/28/2024 9:18	2/28/2024 19:57	639	0
70866	2/28/2024 9:18	2/28/2024 19:39	621	0
473595	2/28/2024 9:18	2/28/2024 19:36	618	0
753789	2/28/2024 9:19	2/28/2024 11:10	111	0
468492	2/28/2024 9:21	2/28/2024 19:25	604	0
1320845	2/28/2024 9:23	2/28/2024 19:11	588	0
1321605	2/28/2024 9:24	2/28/2024 18:51	567	0
1321114	2/28/2024 9:25	2/28/2024 19:12	587	0
1320646	2/28/2024 9:26	2/28/2024 19:19	593	0
1494722	2/28/2024 9:26	2/28/2024 11:42	136	0
1320619	2/28/2024 9:26	2/28/2024 18:58	572	0
10433250	2/28/2024 9:27	2/28/2024 19:09	582	0
1393699	2/28/2024 9:30	2/28/2024 11:41	131	0
314188	2/28/2024 9:31	2/28/2024 10:02	31	0
315730	2/28/2024 9:35	2/28/2024 10:01	26	0
47769	2/28/2024 9:36	2/28/2024 19:34	598	0
315169	2/28/2024 9:36	2/28/2024 10:02	26	0
1321663	2/28/2024 9:37	2/29/2024 9:00	1402.15	0
317233	2/28/2024 9:38	2/28/2024 19:03	565	0
49209	2/28/2024 9:38	2/28/2024 19:39	601	0
523489	2/28/2024 9:39	2/28/2024 19:49	610.67	0
1267978	2/28/2024 9:39	2/28/2024 11:53	134	0
6280623	2/28/2024 9:40	2/28/2024 19:47	607	0
317084	2/28/2024 9:41	2/28/2024 19:53	612.67	0
317797	2/28/2024 9:41	2/28/2024 19:20	579	0
8104722	2/28/2024 9:41	2/28/2024 19:46	605	0

314899	2/28/2024 9:41	2/28/2024 19:46	605	0
1493132	2/28/2024 9:45	2/28/2024 19:33	588	0
1430294	2/28/2024 9:47	2/28/2024 19:30	583	0
9063373	2/28/2024 9:48	2/28/2024 19:41	593	0
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4173986	2/28/2024 10:36	2/28/2024 11:34	58	0
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197690	2/28/2024 10:50	2/28/2024 11:32	42	0
627289	2/28/2024 10:51	2/28/2024 11:06	15	0
626477	2/28/2024 10:51	2/28/2024 11:06	15	0
506261	2/28/2024 10:51	2/28/2024 19:34	523	0
196408	2/28/2024 10:51	2/28/2024 11:33	42	0
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627018	2/28/2024 10:52	2/28/2024 11:08	16	0
971524	2/28/2024 10:53	2/28/2024 11:09	16	0
316997	2/28/2024 10:54	2/28/2024 19:50	536	0
1332906	2/28/2024 10:54	2/28/2024 19:18	504	0

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8910809	2/28/2024 10:59	2/28/2024 14:29	210	0
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500173	2/28/2024 11:04	2/28/2024 11:36	32	0
469018	2/28/2024 11:04	2/28/2024 11:40	36	0
196965	2/28/2024 11:04	2/28/2024 11:35	31	0
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626477	2/28/2024 11:06	2/28/2024 14:36	210	0
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627289	2/28/2024 11:06	2/28/2024 14:05	179	0
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12377908	2/28/2024 11:08	2/28/2024 18:39	451	0
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197690	2/28/2024 11:32	2/28/2024 14:46	194	0
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4173986	2/28/2024 11:34	2/28/2024 11:50	16	0
605186	2/28/2024 11:35	2/28/2024 14:38	183	0
449036	2/28/2024 11:35	2/28/2024 11:51	16	0
274125	2/28/2024 11:35	2/28/2024 11:51	16	0
277301	2/28/2024 11:35	2/28/2024 11:50	15	0
196965	2/28/2024 11:35	2/28/2024 14:50	195	0
277818	2/28/2024 11:36	2/28/2024 11:53	17	0
500173	2/28/2024 11:36	2/28/2024 14:34	178	0
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975032	2/28/2024 11:39	2/28/2024 14:43	184	0
276488	2/28/2024 11:39	2/28/2024 11:49	10	0
1405290	2/28/2024 11:39	2/28/2024 15:25	226	0
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1393699	2/28/2024 11:41	2/28/2024 12:12	31	0
1494722	2/28/2024 11:42	2/28/2024 12:14	32	0
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975066	2/28/2024 11:43	2/28/2024 12:14	31	0
1041597	2/28/2024 11:44	2/28/2024 12:00	16	0
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353082	2/28/2024 11:46	2/28/2024 14:13	147	0
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328570	2/28/2024 11:48	2/28/2024 12:03	15	0
276488	2/28/2024 11:49	2/28/2024 12:05	16	0
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281235	2/28/2024 11:50	2/28/2024 12:05	15	0

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574993	2/28/2024 11:56	2/28/2024 12:53	57	0
1041597	2/28/2024 12:00	2/28/2024 13:35	95	0
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328570	2/28/2024 12:03	2/29/2024 9:00	1256.13	0
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224277	2/28/2024 12:07	2/29/2024 9:00	1252.13	0
469018	2/28/2024 12:07	2/28/2024 14:50	163	0
274125	2/28/2024 12:07	2/28/2024 14:24	137	0
277818	2/28/2024 12:08	2/28/2024 19:18	430	0
1516579	2/28/2024 12:08	2/28/2024 14:24	136	0
1515733	2/28/2024 12:10	2/28/2024 14:12	121.47	0
449377	2/28/2024 12:10	2/28/2024 12:36	26	0
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1393699	2/28/2024 12:12	2/28/2024 14:13	121	0
975066	2/28/2024 12:14	2/28/2024 14:42	148	0
1494722	2/28/2024 12:14	2/28/2024 14:15	121	0
756553	2/28/2024 12:15	2/29/2024 9:00	1244.48	0
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860281	2/28/2024 12:22	2/28/2024 13:09	47	0
320966	2/28/2024 12:30	2/28/2024 14:15	105	0
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174362	2/28/2024 12:31	2/29/2024 9:00	1228.13	0
1400258	2/28/2024 12:32	2/28/2024 14:17	105	0

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1267978	2/28/2024 12:36	2/28/2024 17:36	300	0
353728	2/28/2024 12:44	2/28/2024 14:45	121	0
449377	2/28/2024 12:47	2/28/2024 13:39	52	0
926657	2/28/2024 12:49	2/28/2024 15:22	153	0
574740	2/28/2024 12:51	2/28/2024 14:21	90	0
574993	2/28/2024 12:53	2/28/2024 14:22	89	0
574596	2/28/2024 12:54	2/28/2024 14:39	105	0
1672784	2/28/2024 13:04	2/29/2024 9:00	1195.48	0
859747	2/28/2024 13:07	2/29/2024 9:00	1192.83	0
860281	2/28/2024 13:09	2/29/2024 9:00	1190.83	0
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1353998	2/28/2024 13:28	2/28/2024 19:29	361	0
1641091	2/28/2024 13:30	2/28/2024 13:41	10.47	0
1041597	2/28/2024 13:35	2/28/2024 14:16	41	0
945898	2/28/2024 13:35	2/28/2024 14:25	50	0
1523524	2/28/2024 13:37	2/28/2024 16:11	154	0
449377	2/28/2024 13:39	2/28/2024 14:22	43	0
1641091	2/28/2024 13:41	2/28/2024 16:08	147	0
328113	2/28/2024 13:47	2/28/2024 18:57	310	0
448227	2/28/2024 13:51	2/29/2024 9:00	1148.48	0
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449036	2/28/2024 13:52	2/28/2024 14:18	26	0
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1493766	2/28/2024 13:57	2/28/2024 15:26	89	0
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627289	2/28/2024 14:05	2/28/2024 14:21	16	0
1556434	2/28/2024 14:06	2/28/2024 14:37	31	0
623069	2/28/2024 14:06	2/28/2024 15:51	105	0
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627018	2/28/2024 14:07	2/28/2024 14:22	15	0
625386	2/28/2024 14:08	2/29/2024 9:00	1131.48	0
623871	2/28/2024 14:08	2/28/2024 15:53	105	0
623612	2/28/2024 14:08	2/28/2024 15:53	105	0
957615	2/28/2024 14:09	2/28/2024 14:25	16	0
624901	2/28/2024 14:10	2/29/2024 9:00	1129.48	0
793285	2/28/2024 14:11	2/28/2024 14:27	16	0
790670	2/28/2024 14:11	2/28/2024 14:27	16	0
353651	2/28/2024 14:11	2/28/2024 14:31	20	0
6714863	2/28/2024 14:12	2/28/2024 14:28	16	0
1515733	2/28/2024 14:12	2/28/2024 14:26	14.53	0
1524033	2/28/2024 14:12	2/28/2024 14:23	11	0

353082	2/28/2024 14:13	2/28/2024 14:29	16	0
1393699	2/28/2024 14:13	2/28/2024 14:29	16	0
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7937779	2/28/2024 19:03	2/29/2024 9:00	836.15	0
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449377	2/28/2024 19:04	2/28/2024 19:15	11	0
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1430553	2/28/2024 19:09	2/29/2024 9:00	830.93	0
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1347949	2/28/2024 19:18	2/29/2024 9:00	821.15	0
1393699	2/28/2024 19:18	2/29/2024 9:00	821.15	0
1349177	2/28/2024 19:18	2/29/2024 9:00	821.15	0
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317797	2/28/2024 19:20	2/29/2024 9:00	819.13	0

975066	2/28/2024 19:20	2/29/2024 9:00	819.27	0
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1493766	2/28/2024 19:22	2/29/2024 9:00	817.15	0
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1465391	2/28/2024 19:23	2/29/2024 9:00	816.93	0
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197690	2/28/2024 19:24	2/29/2024 9:00	815.13	0
195839	2/28/2024 19:24	2/29/2024 9:00	815.13	0
468492	2/28/2024 19:25	2/29/2024 9:00	814.48	0
1445317	2/28/2024 19:25	2/29/2024 7:55	750	0
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8524544	2/28/2024 19:25	2/29/2024 9:00	814.13	0
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274125	2/28/2024 19:26	2/29/2024 9:00	813.13	0
1417138	2/28/2024 19:26	2/29/2024 9:00	813.15	0
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954637	2/28/2024 19:27	2/29/2024 9:00	812.27	0
945898	2/28/2024 19:27	2/29/2024 9:00	812.83	0
8511623	2/28/2024 19:27	2/29/2024 9:00	812.13	0
1553525	2/28/2024 19:27	2/29/2024 9:00	812.93	0
1415828	2/28/2024 19:27	2/29/2024 9:00	812.15	0
658177	2/28/2024 19:27	2/29/2024 9:00	812.83	0
1466357	2/28/2024 19:27	2/29/2024 9:00	812.93	0
10013697	2/28/2024 19:27	2/29/2024 9:00	812.93	0
1385431	2/28/2024 19:27	2/29/2024 9:00	812.15	0
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1353998	2/28/2024 19:29	2/29/2024 9:00	810.15	0
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800590	2/28/2024 19:29	2/29/2024 9:00	810.83	0
954332	2/28/2024 19:29	2/29/2024 9:00	810.27	0
1349766	2/28/2024 19:29	2/29/2024 9:00	810.15	0
1430294	2/28/2024 19:30	2/29/2024 9:00	809.93	0
1514004	2/28/2024 19:30	2/29/2024 9:00	809.93	0
1395587	2/28/2024 19:30	2/29/2024 9:00	809.15	0
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1349338	2/28/2024 19:31	2/29/2024 9:00	808.15	0
416557	2/28/2024 19:31	2/29/2024 9:00	808.48	0

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1267978	2/28/2024 19:31	2/29/2024 9:00	808.27	0
1602693	2/28/2024 19:31	2/29/2024 9:00	808.93	0
1041597	2/28/2024 19:31	2/29/2024 9:00	808.27	0
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1551513	2/28/2024 19:31	2/29/2024 9:00	808.93	0
1555268	2/28/2024 19:32	2/29/2024 9:00	807.93	0
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469018	2/28/2024 19:33	2/29/2024 9:00	806.48	0
500173	2/28/2024 19:33	2/29/2024 9:00	806.48	0
281235	2/28/2024 19:33	2/29/2024 9:00	806.13	0
196965	2/28/2024 19:33	2/29/2024 9:00	806.13	0
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675499	2/28/2024 19:34	2/29/2024 9:00	805.83	0
47769	2/28/2024 19:34	2/29/2024 9:00	805.13	0
664453	2/28/2024 19:34	2/29/2024 9:00	805.83	0
506261	2/28/2024 19:34	2/29/2024 9:00	805.48	0
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8910809	2/28/2024 19:34	2/29/2024 9:00	805.48	0
1556486	2/28/2024 19:34	2/29/2024 9:00	805.93	0
753789	2/28/2024 19:34	2/29/2024 9:00	805.48	0
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1347024	2/28/2024 19:35	2/29/2024 9:00	804.15	0
1554218	2/28/2024 19:35	2/29/2024 9:00	804.93	0
656343	2/28/2024 19:35	2/29/2024 9:00	804.83	0
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593798	2/28/2024 19:36	2/29/2024 9:00	803.48	0
1456419	2/28/2024 19:36	2/29/2024 9:00	803.93	0
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1432827	2/28/2024 19:36	2/29/2024 9:00	803.93	0
8734349	2/28/2024 19:36	2/29/2024 9:00	803.15	0
473595	2/28/2024 19:36	2/29/2024 9:00	803.48	0
772378	2/28/2024 19:37	2/29/2024 9:00	802.48	0
1519715	2/28/2024 19:37	2/29/2024 9:00	802.93	0
510307	2/28/2024 19:37	2/29/2024 9:00	802.48	0
627018	2/28/2024 19:37	2/29/2024 9:00	802.48	0
1546695	2/28/2024 19:37	2/29/2024 9:00	802.93	0
449036	2/28/2024 19:38	2/29/2024 9:00	801.48	0
1638359	2/28/2024 19:38	2/29/2024 9:00	801.93	0
553863	2/28/2024 19:38	2/29/2024 9:00	801.48	0
623871	2/28/2024 19:38	2/29/2024 9:00	801.48	0
1346455	2/28/2024 19:38	2/29/2024 9:00	801.15	0

7879030	2/28/2024 19:38	2/29/2024 9:00	801.48	0
1348780	2/28/2024 19:38	2/29/2024 9:00	801.15	0
1431804	2/28/2024 19:38	2/29/2024 9:00	801.93	0
971524	2/28/2024 19:38	2/29/2024 9:00	801.48	0
1430838	2/28/2024 19:38	2/29/2024 9:00	801.93	0
10393495	2/28/2024 19:39	2/29/2024 9:00	800.13	0
49209	2/28/2024 19:39	2/29/2024 9:00	800.13	0
1350104	2/28/2024 19:39	2/29/2024 9:00	800.15	0
277301	2/28/2024 19:39	2/29/2024 9:00	800.13	0
511266	2/28/2024 19:39	2/29/2024 9:00	800.48	0
70866	2/28/2024 19:39	2/29/2024 9:00	800.13	0
1414392	2/28/2024 19:39	2/29/2024 9:00	800.15	0
1351539	2/28/2024 19:39	2/29/2024 9:00	800.15	0
926657	2/28/2024 19:40	2/29/2024 9:00	799.83	0
1349502	2/28/2024 19:40	2/29/2024 9:00	799.15	0
658658	2/28/2024 19:40	2/29/2024 9:00	799.83	0
1494722	2/28/2024 19:40	2/29/2024 9:00	799.15	0
6995795	2/28/2024 19:40	2/29/2024 9:00	799.48	0
447406	2/28/2024 19:40	2/29/2024 9:00	799.48	0
470838	2/28/2024 19:40	2/29/2024 9:00	799.48	0
10659831	2/28/2024 19:40	2/29/2024 9:00	799.93	0
479880	2/28/2024 19:40	2/29/2024 8:49	789	0
1638479	2/28/2024 19:41	2/29/2024 9:00	798.93	0
623069	2/28/2024 19:41	2/29/2024 9:00	798.48	0
645339	2/28/2024 19:41	2/29/2024 9:00	798.48	0
1349083	2/28/2024 19:41	2/29/2024 9:00	798.15	0
9063373	2/28/2024 19:41	2/29/2024 9:00	798.15	0
1310926	2/28/2024 19:41	2/29/2024 9:00	798.15	0
1453263	2/28/2024 19:41	2/29/2024 9:00	798.93	0
320966	2/28/2024 19:41	2/29/2024 9:00	798.13	0
626477	2/28/2024 19:41	2/29/2024 9:00	798.48	0
1349032	2/28/2024 19:41	2/29/2024 9:00	798.15	0
415949	2/28/2024 19:41	2/29/2024 9:00	798.48	0
1351588	2/28/2024 19:41	2/29/2024 9:00	798.15	0
1348444	2/28/2024 19:42	2/29/2024 9:00	797.15	0
793285	2/28/2024 19:42	2/29/2024 9:00	797.83	0
1416360	2/28/2024 19:42	2/29/2024 9:00	797.15	0
1346671	2/28/2024 19:42	2/29/2024 9:00	797.15	0
11081884	2/28/2024 19:42	2/29/2024 9:00	797.13	0
1565203	2/28/2024 19:42	2/29/2024 9:00	797.93	0
790670	2/28/2024 19:42	2/29/2024 9:00	797.83	0
1552154	2/28/2024 19:42	2/29/2024 9:00	797.93	0
563721	2/28/2024 19:42	2/29/2024 9:00	797.48	0
1638308	2/28/2024 19:43	2/29/2024 9:00	796.93	0
6714863	2/28/2024 19:43	2/29/2024 9:00	796.83	0
51483	2/28/2024 19:43	2/29/2024 9:00	796.13	0
801004	2/28/2024 19:43	2/29/2024 9:00	796.83	0

1348976	2/28/2024 19:43	2/29/2024 9:00	796.15	0
916441	2/28/2024 19:43	2/29/2024 9:00	796.83	0
12682110	2/28/2024 19:43	2/29/2024 9:00	796.93	0
507365	2/28/2024 19:44	2/29/2024 9:00	795.48	0
1683861	2/28/2024 19:44	2/29/2024 9:00	795.13	0
574596	2/28/2024 19:44	2/29/2024 9:00	795.48	0
1672745	2/28/2024 19:44	2/29/2024 9:00	795.48	0
193791	2/28/2024 19:44	2/29/2024 9:00	795.13	0
8434548	2/28/2024 19:45	2/29/2024 9:00	794.13	0
1516579	2/28/2024 19:45	2/29/2024 9:00	794.93	0
1519179	2/28/2024 19:45	2/29/2024 9:00	794.93	0
315169	2/28/2024 19:45	2/29/2024 9:00	794.13	0
627289	2/28/2024 19:46	2/29/2024 9:00	793.48	0
561672	2/28/2024 19:46	2/29/2024 9:00	793.48	0
321287	2/28/2024 19:46	2/29/2024 9:00	793.13	0
8104722	2/28/2024 19:46	2/29/2024 9:00	793.13	0
8950281	2/28/2024 19:46	2/29/2024 9:00	793.13	0
309944	2/28/2024 19:46	2/29/2024 9:00	793.13	0
314899	2/28/2024 19:46	2/29/2024 9:00	793.13	0
574740	2/28/2024 19:46	2/29/2024 9:00	793.48	0
6280623	2/28/2024 19:47	2/29/2024 9:00	792.13	0
552210	2/28/2024 19:47	2/29/2024 9:00	792.48	0
691442	2/28/2024 19:47	2/29/2024 9:00	792.83	0
381982	2/28/2024 19:47	2/29/2024 9:00	792.48	0
601397	2/28/2024 19:47	2/29/2024 9:00	792.48	0
380057	2/28/2024 19:47	2/29/2024 9:00	792.48	0
605186	2/28/2024 19:48	2/29/2024 9:00	791.48	0
56196	2/28/2024 19:48	2/29/2024 9:00	791.13	0
1602630	2/28/2024 19:48	2/29/2024 9:00	791.93	0
353082	2/28/2024 19:48	2/29/2024 9:00	791.13	0
574993	2/28/2024 19:48	2/29/2024 9:00	791.48	0
315730	2/28/2024 19:49	2/29/2024 9:00	790.13	0
1624452	2/28/2024 19:49	2/29/2024 9:00	790.93	0
8068454	2/28/2024 19:49	2/29/2024 9:00	790.48	0
8148103	2/28/2024 19:49	2/29/2024 9:00	790.13	0
198082	2/28/2024 19:49	2/29/2024 9:00	790.13	0
523489	2/28/2024 19:49	2/29/2024 9:00	790.13	0
316997	2/28/2024 19:50	2/29/2024 9:00	789.13	0
197356	2/28/2024 19:51	2/29/2024 9:00	788.13	0
624716	2/28/2024 19:51	2/29/2024 9:00	788.48	0
1556434	2/28/2024 19:52	2/29/2024 9:00	787.93	0
345647	2/28/2024 19:53	2/29/2024 9:00	786.13	0
519373	2/28/2024 19:53	2/29/2024 9:00	786.13	0
69207	2/28/2024 19:53	2/29/2024 9:00	786.13	0
317084	2/28/2024 19:53	2/29/2024 9:00	786.13	0
308032	2/28/2024 19:55	2/29/2024 9:00	784.13	0
313269	2/28/2024 19:57	2/29/2024 9:00	782.13	0

68620	2/28/2024 19:57	2/29/2024 9:00	782.13	0
308802	2/28/2024 19:58	2/29/2024 9:00	781.13	0
1394324	2/28/2024 20:00	2/29/2024 9:00	779.15	0
449377	2/28/2024 20:02	2/28/2024 20:44	42	0
1604432	2/28/2024 20:04	2/29/2024 9:00	775.93	0
1515733	2/28/2024 20:09	2/29/2024 9:00	770.93	0
450309	2/28/2024 20:12	2/29/2024 9:00	767.48	0
449377	2/28/2024 20:44	2/28/2024 21:26	42	0
623612	2/28/2024 21:13	2/29/2024 9:00	706.48	0
449377	2/28/2024 21:26	2/28/2024 21:42	16	0
449377	2/28/2024 21:42	2/28/2024 22:19	37	0
449377	2/28/2024 22:19	2/28/2024 22:40	21	0
449377	2/28/2024 22:40	2/28/2024 23:11	31	0
1405290	2/28/2024 22:41	2/29/2024 9:00	618.15	0
449377	2/28/2024 23:11	2/29/2024 0:46	95	0
1521914	2/28/2024 23:24	2/29/2024 9:00	575.93	0
1524033	2/28/2024 23:24	2/29/2024 9:00	575.93	0
1523524	2/28/2024 23:25	2/29/2024 9:00	574.93	0
1641091	2/28/2024 23:26	2/29/2024 9:00	573.93	0
449377	2/29/2024 0:46	2/29/2024 1:17	31	0
449377	2/29/2024 1:17	2/29/2024 1:52	35	0
449377	2/29/2024 1:52	2/29/2024 5:31	219	0
353728	2/29/2024 5:06	2/29/2024 9:00	233.13	0
449377	2/29/2024 5:31	2/29/2024 6:44	73	0
449377	2/29/2024 6:44	2/29/2024 6:50	6	0
449377	2/29/2024 6:50	2/29/2024 7:47	57	0
449377	2/29/2024 7:47	2/29/2024 8:56	69	0
1445317	2/29/2024 7:55	2/29/2024 9:00	64.93	0
1463520	2/29/2024 7:57	2/29/2024 9:00	62.93	0
852287	2/29/2024 8:07	2/29/2024 9:00	52.83	0
1503634	2/29/2024 8:29	2/29/2024 9:00	30.15	0
1301644	2/29/2024 8:41	2/29/2024 9:00	18.15	0
1493132	2/29/2024 8:45	2/29/2024 9:00	14.15	0
479880	2/29/2024 8:49	2/29/2024 9:00	10.48	0
449377	2/29/2024 8:56	2/29/2024 9:00	3.48	0
593397	2/29/2024 8:59	2/29/2024 9:00	0.48	0
1288420	2/29/2024 9:00	3/1/2024 9:00	1439.15	0
447406	2/29/2024 9:00	3/1/2024 9:00	1439.48	0
971524	2/29/2024 9:00	2/29/2024 10:07	67	0
10714479	2/29/2024 9:00	3/1/2024 9:00	1439.93	0
624901	2/29/2024 9:00	2/29/2024 11:39	159	0.58
96751	2/29/2024 9:00	2/29/2024 10:09	69	0
625386	2/29/2024 9:00	2/29/2024 11:36	156	0
664030	2/29/2024 9:00	3/1/2024 9:00	1439.83	0
1516786	2/29/2024 9:00	2/29/2024 15:14	374	0
593798	2/29/2024 9:00	2/29/2024 19:57	657	0
1352388	2/29/2024 9:00	3/1/2024 9:00	1439.15	0

627018	2/29/2024 9:00	2/29/2024 10:07	67	0
574993	2/29/2024 9:00	2/29/2024 11:25	145	0
7879030	2/29/2024 9:00	3/1/2024 9:00	1439.48	0
852287	2/29/2024 9:00	2/29/2024 20:11	671	0
8950281	2/29/2024 9:00	2/29/2024 14:20	320	0
444688	2/29/2024 9:00	3/1/2024 9:00	1439.48	0.01
345752	2/29/2024 9:00	3/1/2024 9:00	1439.13	0
353728	2/29/2024 9:00	2/29/2024 10:39	99	0
811953	2/29/2024 9:00	3/1/2024 9:00	1439.83	0
1453263	2/29/2024 9:00	2/29/2024 11:13	133	0
1413046	2/29/2024 9:00	3/1/2024 9:00	1439.15	0
675499	2/29/2024 9:00	2/29/2024 14:17	317	0
174362	2/29/2024 9:00	3/1/2024 9:00	1439.13	0
1366197	2/29/2024 9:00	3/1/2024 9:00	1439.15	0
1394324	2/29/2024 9:00	2/29/2024 20:12	672	0
479880	2/29/2024 9:00	2/29/2024 11:34	154	0.05
627289	2/29/2024 9:00	2/29/2024 10:04	64	0
346288	2/29/2024 9:01	2/29/2024 12:00	179	0.15
329546	2/29/2024 9:02	2/29/2024 11:49	167	1.2
330485	2/29/2024 9:05	2/29/2024 11:35	150	0.24
6583289	2/29/2024 9:06	2/29/2024 11:40	154	0
1348731	2/29/2024 9:06	3/1/2024 9:00	1433.15	0
8724096	2/29/2024 9:07	3/1/2024 9:00	1432.15	0
202435	2/29/2024 9:07	3/1/2024 9:00	1432.13	0
7937779	2/29/2024 9:07	2/29/2024 10:57	110	0
554089	2/29/2024 9:07	3/1/2024 9:00	1432.48	0
319279	2/29/2024 9:07	3/1/2024 9:00	1432.13	0
1513541	2/29/2024 9:08	3/1/2024 9:00	1431.93	0
562202	2/29/2024 9:08	3/1/2024 9:00	1431.48	0
1516579	2/29/2024 9:08	2/29/2024 10:37	89	0
1701172	2/29/2024 9:08	2/29/2024 19:56	648	0
1445317	2/29/2024 9:10	2/29/2024 20:05	655	0.4
320966	2/29/2024 9:17	2/29/2024 14:16	299	0
1321605	2/29/2024 9:22	2/29/2024 19:52	630	2.67
593397	2/29/2024 9:26	2/29/2024 20:01	635	0.96
1326407	2/29/2024 9:32	2/29/2024 11:46	134	0.39
9063373	2/29/2024 9:32	2/29/2024 20:12	640	0
1551513	2/29/2024 9:36	2/29/2024 14:09	273	0
1320845	2/29/2024 9:36	2/29/2024 10:08	32	0.04
1551510	2/29/2024 9:37	2/29/2024 13:12	215	0
6280623	2/29/2024 9:38	2/29/2024 20:03	625	0.11
317233	2/29/2024 9:38	2/29/2024 19:59	621	0.99
314899	2/29/2024 9:38	2/29/2024 20:03	625	0.43
1450250	2/29/2024 9:39	2/29/2024 20:13	634	2.78
317084	2/29/2024 9:39	2/29/2024 20:14	635	0
8206792	2/29/2024 9:39	2/29/2024 20:10	631	0
523489	2/29/2024 9:39	2/29/2024 20:09	630	0.85

10013697	2/29/2024 9:40	2/29/2024 14:08	268	0.38
8104722	2/29/2024 9:41	2/29/2024 20:05	624	0
317797	2/29/2024 9:41	2/29/2024 20:03	622	0
1469850	2/29/2024 9:41	2/29/2024 20:03	622	0
1377926	2/29/2024 9:43	2/29/2024 13:44	241	0
1469270	2/29/2024 9:43	2/29/2024 20:08	625	0
1604432	2/29/2024 9:47	2/29/2024 14:26	279	2.12
1462990	2/29/2024 9:49	2/29/2024 19:52	603	0.74
281235	2/29/2024 9:49	2/29/2024 11:59	130	0
276488	2/29/2024 9:49	2/29/2024 11:39	110	0
859747	2/29/2024 9:49	2/29/2024 20:09	620	0
4173986	2/29/2024 9:50	2/29/2024 11:28	98	0.04
1320646	2/29/2024 9:51	2/29/2024 10:07	16	0
1523524	2/29/2024 9:52	2/29/2024 14:10	258	2.46
1552154	2/29/2024 9:52	2/29/2024 14:08	256	0.98
1417138	2/29/2024 9:52	2/29/2024 20:06	614	0
852125	2/29/2024 9:53	2/29/2024 20:07	614	0
860281	2/29/2024 9:53	2/29/2024 20:02	609	0
1320008	2/29/2024 9:54	2/29/2024 19:59	605	0.94
1321114	2/29/2024 9:54	2/29/2024 10:10	16	0
1641091	2/29/2024 9:55	2/29/2024 14:07	252	2.16
887599	2/29/2024 9:56	2/29/2024 11:41	105	0
1466357	2/29/2024 9:58	2/29/2024 20:07	609	0
1503634	2/29/2024 9:58	2/29/2024 20:00	602	0
1465391	2/29/2024 9:58	2/29/2024 20:06	608	0.43
47769	2/29/2024 10:00	2/29/2024 20:02	602	0.14
56196	2/29/2024 10:00	2/29/2024 14:17	257	0.46
1320619	2/29/2024 10:01	2/29/2024 10:11	10	0
315730	2/29/2024 10:01	2/29/2024 20:05	604	0.49
1430294	2/29/2024 10:02	2/29/2024 20:04	602	0.34
49209	2/29/2024 10:02	2/29/2024 20:11	609	0
852071	2/29/2024 10:04	2/29/2024 20:09	605	3.08
627289	2/29/2024 10:04	2/29/2024 10:20	16	0
198082	2/29/2024 10:05	2/29/2024 10:36	31	0
97730	2/29/2024 10:05	2/29/2024 20:10	605	1.63
1672784	2/29/2024 10:05	3/1/2024 9:00	1374.48	0.02
314188	2/29/2024 10:05	2/29/2024 20:04	599	0
101426	2/29/2024 10:05	2/29/2024 20:14	609	2.86
574740	2/29/2024 10:06	2/29/2024 11:35	89	0
315169	2/29/2024 10:06	2/29/2024 20:04	598	0
99953	2/29/2024 10:06	2/29/2024 20:04	598	0.31
1417279	2/29/2024 10:07	2/29/2024 20:04	597	1.22
6714863	2/29/2024 10:07	2/29/2024 14:09	242	0.03
627018	2/29/2024 10:07	2/29/2024 10:23	16	0
8148103	2/29/2024 10:07	2/29/2024 20:16	609	0.9
971524	2/29/2024 10:07	2/29/2024 10:23	16	0
1320646	2/29/2024 10:07	2/29/2024 10:55	48	0

1320845	2/29/2024 10:08	2/29/2024 15:23	315	0.98
316997	2/29/2024 10:08	2/29/2024 20:11	603	1.34
1515733	2/29/2024 10:08	2/29/2024 11:38	90	0.24
96751	2/29/2024 10:09	2/29/2024 20:02	593	0
506261	2/29/2024 10:09	2/29/2024 20:03	594	0.13
1412757	2/29/2024 10:09	2/29/2024 11:38	89	0
645339	2/29/2024 10:10	2/29/2024 11:39	89	0.92
793285	2/29/2024 10:10	2/29/2024 14:11	241	2.6
1309098	2/29/2024 10:10	2/29/2024 19:58	588	1.39
1321114	2/29/2024 10:10	2/29/2024 10:52	42	0
1310926	2/29/2024 10:10	2/29/2024 20:08	598	1.23
1320619	2/29/2024 10:11	2/29/2024 10:53	42	0
8486022	2/29/2024 10:11	2/29/2024 20:10	599	0
957615	2/29/2024 10:11	2/29/2024 12:58	167	0
25674	2/29/2024 10:11	2/29/2024 10:43	32	0
1446401	2/29/2024 10:11	2/29/2024 20:06	595	0.76
790670	2/29/2024 10:12	2/29/2024 14:08	236	1.3
1494722	2/29/2024 10:14	2/29/2024 20:13	599	0.91
1393699	2/29/2024 10:14	2/29/2024 20:02	588	1.03
188639	2/29/2024 10:14	2/29/2024 11:12	58	0.14
1493132	2/29/2024 10:14	2/29/2024 11:02	48	0.18
956968	2/29/2024 10:16	2/29/2024 19:59	583	0
449036	2/29/2024 10:16	2/29/2024 10:22	6	0
70866	2/29/2024 10:17	2/29/2024 20:06	589	0
1704232	2/29/2024 10:17	2/29/2024 11:36	79	0.33
1463520	2/29/2024 10:19	2/29/2024 10:56	37	0
627289	2/29/2024 10:20	2/29/2024 11:07	47	0
626477	2/29/2024 10:20	2/29/2024 11:07	47	0
274059	2/29/2024 10:20	2/29/2024 11:30	70	0
11081884	2/29/2024 10:21	2/29/2024 11:37	76	0
624716	2/29/2024 10:21	2/29/2024 11:08	47	0
511266	2/29/2024 10:21	2/29/2024 20:09	588	0
274125	2/29/2024 10:21	2/29/2024 11:34	73	0
1555268	2/29/2024 10:21	2/29/2024 14:07	226	0
449036	2/29/2024 10:22	2/29/2024 11:35	73	0.26
510307	2/29/2024 10:22	2/29/2024 20:01	579	0.98
971524	2/29/2024 10:23	2/29/2024 11:05	42	0
627018	2/29/2024 10:23	2/29/2024 11:05	42	0.02
1265778	2/29/2024 10:24	2/29/2024 11:38	74	0
507365	2/29/2024 10:24	2/29/2024 20:07	583	0
313269	2/29/2024 10:24	2/29/2024 20:13	589	0
956559	2/29/2024 10:25	2/29/2024 20:00	575	0.14
8524544	2/29/2024 10:26	2/29/2024 20:06	580	0.26
664453	2/29/2024 10:26	2/29/2024 20:07	581	0
1190246	2/29/2024 10:27	2/29/2024 11:40	73	0.27
954637	2/29/2024 10:27	2/29/2024 19:59	572	0.55
416557	2/29/2024 10:28	2/29/2024 13:48	200	0

954332	2/29/2024 10:28	2/29/2024 19:55	567	0.49
956579	2/29/2024 10:28	2/29/2024 20:00	572	0.09
587455	2/29/2024 10:31	2/29/2024 11:03	32	0
955448	2/29/2024 10:31	2/29/2024 19:57	566	0
952445	2/29/2024 10:31	2/29/2024 20:03	572	0.27
561672	2/29/2024 10:32	2/29/2024 11:35	63	0
197883	2/29/2024 10:34	2/29/2024 11:37	63	0.29
197690	2/29/2024 10:34	2/29/2024 11:37	63	0
196408	2/29/2024 10:34	2/29/2024 11:37	63	0.17
193791	2/29/2024 10:36	2/29/2024 11:34	58	0
281332	2/29/2024 10:36	2/29/2024 11:16	40	0
198082	2/29/2024 10:36	2/29/2024 11:08	32	0
195839	2/29/2024 10:37	2/29/2024 11:35	58	0.27
1516579	2/29/2024 10:37	2/29/2024 11:40	63	0
1550815	2/29/2024 10:38	2/29/2024 14:07	209	0.1
1546695	2/29/2024 10:39	2/29/2024 14:09	210	0.5
353728	2/29/2024 10:39	2/29/2024 11:42	63	0
1524033	2/29/2024 10:39	2/29/2024 14:09	210	1.85
1332906	2/29/2024 10:40	2/29/2024 19:56	556	0.01
564518	2/29/2024 10:40	2/29/2024 14:25	225	0
29635	2/29/2024 10:40	2/29/2024 11:11	31	0
449377	2/29/2024 10:41	2/29/2024 11:07	26	0
25674	2/29/2024 10:43	2/29/2024 11:14	31	0
1565203	2/29/2024 10:46	2/29/2024 14:44	238	0.59
1556243	2/29/2024 10:50	2/29/2024 11:32	42	0
605186	2/29/2024 10:51	2/29/2024 11:33	42	0.14
800576	2/29/2024 10:51	2/29/2024 19:56	545	0
1321114	2/29/2024 10:52	2/29/2024 20:03	551	0.36
563241	2/29/2024 10:53	2/29/2024 11:09	16	0.02
562856	2/29/2024 10:53	2/29/2024 11:09	16	0
1415828	2/29/2024 10:53	2/29/2024 19:59	546	0.02
1320619	2/29/2024 10:53	2/29/2024 19:58	545	0
646026	2/29/2024 10:53	2/29/2024 11:40	47	0
1414392	2/29/2024 10:54	2/29/2024 20:05	551	0.09
800600	2/29/2024 10:55	2/29/2024 14:09	194	0.34
800588	2/29/2024 10:55	2/29/2024 14:10	195	1.44
1554218	2/29/2024 10:55	2/29/2024 11:37	42	0.79
1320646	2/29/2024 10:55	2/29/2024 20:06	551	1.28
26864	2/29/2024 10:55	2/29/2024 14:15	200	0
553755	2/29/2024 10:55	2/29/2024 14:25	210	0.82
1416360	2/29/2024 10:55	2/29/2024 20:11	556	0
1654064	2/29/2024 10:56	2/29/2024 19:52	536	0.34
1463520	2/29/2024 10:56	2/29/2024 20:07	551	0
800590	2/29/2024 10:57	2/29/2024 14:11	194	1.51
345647	2/29/2024 10:57	2/29/2024 11:54	57	0
801004	2/29/2024 10:57	2/29/2024 14:11	194	0.19
7937779	2/29/2024 10:57	2/29/2024 13:46	169	0

353082	2/29/2024 10:58	2/29/2024 11:13	15	0
342796	2/29/2024 10:58	2/29/2024 11:56	58	0.66
353651	2/29/2024 10:58	2/29/2024 11:13	15	0
1378582	2/29/2024 10:59	2/29/2024 20:00	541	0.07
1378273	2/29/2024 11:00	2/29/2024 13:43	163	0
1375642	2/29/2024 11:00	2/29/2024 13:43	163	0.2
69207	2/29/2024 11:01	2/29/2024 12:05	64	0
68620	2/29/2024 11:02	2/29/2024 12:05	63	0
10393495	2/29/2024 11:02	2/29/2024 11:44	42	0
1493132	2/29/2024 11:02	2/29/2024 13:44	162	1.48
12378019	2/29/2024 11:03	2/29/2024 11:19	16	0
587455	2/29/2024 11:03	2/29/2024 20:03	540	0
1342974	2/29/2024 11:04	2/29/2024 11:10	6	0
971524	2/29/2024 11:05	2/29/2024 11:37	32	0
627018	2/29/2024 11:05	2/29/2024 11:36	31	0.21
8434548	2/29/2024 11:06	2/29/2024 11:16	10	0
1554677	2/29/2024 11:06	2/29/2024 14:09	183	0.43
1555376	2/29/2024 11:06	2/29/2024 14:10	184	0.19
197356	2/29/2024 11:06	2/29/2024 11:40	34	0
8068454	2/29/2024 11:07	2/29/2024 11:23	16	0
196965	2/29/2024 11:07	2/29/2024 11:39	32	0
627289	2/29/2024 11:07	2/29/2024 11:38	31	0
449377	2/29/2024 11:07	2/29/2024 11:33	26	0
1452193	2/29/2024 11:07	2/29/2024 20:03	536	1.18
626477	2/29/2024 11:07	2/29/2024 11:49	42	0
198082	2/29/2024 11:08	2/29/2024 11:24	16	0
624716	2/29/2024 11:08	2/29/2024 11:50	42	0
1451744	2/29/2024 11:08	2/29/2024 20:09	541	0.21
1683861	2/29/2024 11:08	2/29/2024 11:34	26	0.16
562856	2/29/2024 11:09	2/29/2024 20:09	540	0.75
563241	2/29/2024 11:09	2/29/2024 19:59	530	0.89
1456419	2/29/2024 11:09	2/29/2024 20:17	548	0
277301	2/29/2024 11:09	2/29/2024 11:39	30	0
1267978	2/29/2024 11:10	2/29/2024 11:23	13	0
1343091	2/29/2024 11:10	2/29/2024 20:03	533	0.18
1342974	2/29/2024 11:10	2/29/2024 14:24	194	0
34832	2/29/2024 11:11	2/29/2024 14:13	182	0.04
23462	2/29/2024 11:11	2/29/2024 11:58	47	0
29635	2/29/2024 11:11	2/29/2024 13:29	138	0
160073	2/29/2024 11:12	2/29/2024 19:57	525	0.19
658177	2/29/2024 11:12	2/29/2024 20:02	530	0.5
188639	2/29/2024 11:12	2/29/2024 11:43	31	0.04
24124	2/29/2024 11:12	2/29/2024 11:59	47	0
34905	2/29/2024 11:13	2/29/2024 13:29	136	0.3
353082	2/29/2024 11:13	2/29/2024 11:45	32	0
277818	2/29/2024 11:13	2/29/2024 11:37	24	0
353651	2/29/2024 11:13	2/29/2024 11:43	30	0

34887	2/29/2024 11:13	2/29/2024 15:01	228	0
1453263	2/29/2024 11:13	2/29/2024 20:09	536	0
25674	2/29/2024 11:14	2/29/2024 11:56	42	0
35442	2/29/2024 11:15	2/29/2024 14:14	179	0.05
127206	2/29/2024 11:15	3/1/2024 9:00	1304.13	0
29848	2/29/2024 11:16	2/29/2024 11:58	42	0.05
281332	2/29/2024 11:16	3/1/2024 9:00	1303.13	0
8434548	2/29/2024 11:16	2/29/2024 20:01	525	2.29
265864	2/29/2024 11:17	2/29/2024 11:49	32	0.26
259674	2/29/2024 11:17	2/29/2024 13:18	121	0
1464949	2/29/2024 11:18	2/29/2024 20:14	536	0
12378019	2/29/2024 11:19	2/29/2024 20:05	526	0.4
1431804	2/29/2024 11:19	2/29/2024 20:04	525	0.17
308032	2/29/2024 11:19	2/29/2024 20:14	535	0.67
1432827	2/29/2024 11:20	2/29/2024 19:59	519	0.74
309944	2/29/2024 11:21	2/29/2024 20:11	530	1.27
308802	2/29/2024 11:22	2/29/2024 20:13	531	0
1321663	2/29/2024 11:22	2/29/2024 19:56	514	0.01
1463218	2/29/2024 11:22	2/29/2024 20:01	519	1.15
8068454	2/29/2024 11:23	2/29/2024 11:38	15	0
1267978	2/29/2024 11:23	2/29/2024 14:21	178	0
574596	2/29/2024 11:23	2/29/2024 11:38	15	0
198082	2/29/2024 11:24	2/29/2024 11:39	15	0
872542	2/29/2024 11:25	2/29/2024 14:12	167	0.84
574993	2/29/2024 11:25	2/29/2024 11:35	10	0
4173986	2/29/2024 11:28	3/1/2024 9:00	1291.13	0
260516	2/29/2024 11:29	2/29/2024 13:46	137	0.46
266010	2/29/2024 11:30	2/29/2024 11:51	21	0
274059	2/29/2024 11:30	2/29/2024 11:35	5	0
1395587	2/29/2024 11:32	2/29/2024 14:46	194	0
1556243	2/29/2024 11:32	2/29/2024 11:48	16	0
449377	2/29/2024 11:33	2/29/2024 12:21	48	0
605186	2/29/2024 11:33	2/29/2024 13:18	105	1.34
193791	2/29/2024 11:34	2/29/2024 14:22	168	0
479880	2/29/2024 11:34	2/29/2024 11:50	16	0
274125	2/29/2024 11:34	2/29/2024 14:23	169	0
1683861	2/29/2024 11:34	2/29/2024 14:21	167	0.24
1704779	2/29/2024 11:34	2/29/2024 20:03	509	0.06
449036	2/29/2024 11:35	2/29/2024 11:51	16	0.05
563721	2/29/2024 11:35	2/29/2024 14:17	162	0
574740	2/29/2024 11:35	2/29/2024 12:54	79	0.09
562727	2/29/2024 11:35	2/29/2024 14:18	163	0
561672	2/29/2024 11:35	2/29/2024 14:18	163	0
274059	2/29/2024 11:35	2/29/2024 11:51	16	0
574993	2/29/2024 11:35	2/29/2024 12:54	79	0
330485	2/29/2024 11:35	2/29/2024 11:51	16	0.05
195839	2/29/2024 11:35	2/29/2024 20:33	538	0.28

1704232	2/29/2024 11:36	2/29/2024 20:00	504	1.37
625386	2/29/2024 11:36	2/29/2024 11:51	15	0
627018	2/29/2024 11:36	2/29/2024 11:52	16	0.06
197690	2/29/2024 11:37	2/29/2024 14:20	163	0
11081884	2/29/2024 11:37	2/29/2024 14:22	165	0
196408	2/29/2024 11:37	2/29/2024 14:20	163	0.12
1554218	2/29/2024 11:37	2/29/2024 11:48	11	0.28
197883	2/29/2024 11:37	2/29/2024 14:19	162	1.02
277818	2/29/2024 11:37	2/29/2024 11:52	15	0
971524	2/29/2024 11:37	2/29/2024 11:53	16	0
1515733	2/29/2024 11:38	2/29/2024 11:53	15	0.01
574596	2/29/2024 11:38	2/29/2024 12:53	75	0
627289	2/29/2024 11:38	2/29/2024 11:54	16	0.01
8068454	2/29/2024 11:38	2/29/2024 13:07	89	0
1412757	2/29/2024 11:38	2/29/2024 11:54	16	0
1265778	2/29/2024 11:38	2/29/2024 11:53	15	0
624901	2/29/2024 11:39	2/29/2024 11:54	15	0.13
276488	2/29/2024 11:39	3/1/2024 9:00	1280.13	0.02
196965	2/29/2024 11:39	2/29/2024 14:37	178	0.86
198082	2/29/2024 11:39	2/29/2024 14:22	163	0
645339	2/29/2024 11:39	2/29/2024 11:55	16	0.07
277301	2/29/2024 11:39	2/29/2024 11:55	16	0
6583289	2/29/2024 11:40	2/29/2024 11:51	11	0
1190246	2/29/2024 11:40	2/29/2024 12:12	32	0
197356	2/29/2024 11:40	2/29/2024 14:36	176	0
646026	2/29/2024 11:40	2/29/2024 11:56	16	0
1516579	2/29/2024 11:40	2/29/2024 11:57	17	0
887599	2/29/2024 11:41	2/29/2024 11:57	16	0
353728	2/29/2024 11:42	2/29/2024 12:34	52	0
353651	2/29/2024 11:43	2/29/2024 12:43	60	0
188639	2/29/2024 11:43	2/29/2024 11:59	16	0
1325985	2/29/2024 11:44	2/29/2024 19:57	493	0.1
10393495	2/29/2024 11:44	2/29/2024 14:38	174	0
353082	2/29/2024 11:45	2/29/2024 12:43	58	0.08
1326407	2/29/2024 11:46	2/29/2024 11:56	10	0.04
1554218	2/29/2024 11:48	2/29/2024 12:19	31	0.16
1556243	2/29/2024 11:48	2/29/2024 12:19	31	0
329546	2/29/2024 11:49	2/29/2024 12:05	16	0
626477	2/29/2024 11:49	2/29/2024 12:05	16	0
265864	2/29/2024 11:49	2/29/2024 12:05	16	0
623069	2/29/2024 11:49	2/29/2024 12:05	16	0
479880	2/29/2024 11:50	2/29/2024 13:39	109	0
624716	2/29/2024 11:50	2/29/2024 12:06	16	0.13
6583289	2/29/2024 11:51	2/29/2024 12:06	15	0
623612	2/29/2024 11:51	2/29/2024 12:07	16	0
449036	2/29/2024 11:51	2/29/2024 14:33	162	0.1
330485	2/29/2024 11:51	2/29/2024 12:07	16	0.03

625386	2/29/2024 11:51	2/29/2024 12:06	15	0
274059	2/29/2024 11:51	2/29/2024 14:23	152	0.02
266010	2/29/2024 11:51	2/29/2024 12:02	11	0
627018	2/29/2024 11:52	2/29/2024 12:08	16	0.08
277818	2/29/2024 11:52	2/29/2024 21:09	557	0
971524	2/29/2024 11:53	2/29/2024 12:08	15	0.03
1265778	2/29/2024 11:53	2/29/2024 12:09	16	0
1515733	2/29/2024 11:53	2/29/2024 12:09	16	0.04
623871	2/29/2024 11:53	2/29/2024 12:09	16	0
624901	2/29/2024 11:54	2/29/2024 12:10	16	0.08
627289	2/29/2024 11:54	2/29/2024 12:05	11	0.07
1412757	2/29/2024 11:54	2/29/2024 14:37	163	0
345647	2/29/2024 11:54	2/29/2024 13:30	96	0
30471	2/29/2024 11:55	2/29/2024 13:30	95	0
277301	2/29/2024 11:55	2/29/2024 13:19	84	0
645339	2/29/2024 11:55	2/29/2024 12:52	57	0.05
342796	2/29/2024 11:56	2/29/2024 13:30	94	0.13
646026	2/29/2024 11:56	2/29/2024 12:12	16	0
1326407	2/29/2024 11:56	2/29/2024 12:13	17	0.02
25674	2/29/2024 11:56	2/29/2024 12:22	26	0
1516579	2/29/2024 11:57	2/29/2024 12:08	11	0
385332	2/29/2024 11:57	2/29/2024 19:50	473	0
189581	2/29/2024 11:57	2/29/2024 13:26	89	0
887599	2/29/2024 11:57	2/29/2024 12:13	16	0
169731	2/29/2024 11:58	3/1/2024 9:00	1261.13	0
29848	2/29/2024 11:58	2/29/2024 13:27	89	0.19
23462	2/29/2024 11:58	2/29/2024 13:27	89	0
27483	2/29/2024 11:58	2/29/2024 13:27	89	0.19
13876	2/29/2024 11:59	2/29/2024 14:01	122	0
281235	2/29/2024 11:59	2/29/2024 14:24	145	0
188639	2/29/2024 11:59	2/29/2024 13:28	89	0.22
24124	2/29/2024 11:59	2/29/2024 13:28	89	0
346288	2/29/2024 12:00	2/29/2024 13:29	89	0
28509	2/29/2024 12:01	2/29/2024 13:30	89	0
11435788	2/29/2024 12:01	2/29/2024 13:46	105	0.01
266010	2/29/2024 12:02	2/29/2024 14:15	133	0
392223	2/29/2024 12:02	2/29/2024 20:07	485	0
13912	2/29/2024 12:03	3/1/2024 9:00	1256.13	0
15611	2/29/2024 12:04	2/29/2024 14:04	120	0
14239	2/29/2024 12:04	2/29/2024 13:45	101	0
14605	2/29/2024 12:04	2/29/2024 14:04	120	0.01
69207	2/29/2024 12:05	2/29/2024 20:18	493	0
68620	2/29/2024 12:05	2/29/2024 20:09	484	0
1405290	2/29/2024 12:05	2/29/2024 15:14	189	0
329546	2/29/2024 12:05	3/1/2024 9:00	1254.13	0.12
623069	2/29/2024 12:05	2/29/2024 14:21	136	0
626477	2/29/2024 12:05	2/29/2024 14:22	137	0

265864	2/29/2024 12:05	2/29/2024 20:02	477	0.13
627289	2/29/2024 12:05	2/29/2024 14:21	136	0.09
625386	2/29/2024 12:06	3/1/2024 9:00	1253.48	0
6583289	2/29/2024 12:06	3/1/2024 9:00	1253.13	0
624411	2/29/2024 12:06	2/29/2024 14:07	121	0.03
624716	2/29/2024 12:06	2/29/2024 14:23	137	0.57
330485	2/29/2024 12:07	3/1/2024 9:00	1252.13	0.03
626600	2/29/2024 12:07	2/29/2024 14:08	121	0.01
330528	2/29/2024 12:07	3/1/2024 9:00	1252.13	0
623612	2/29/2024 12:07	2/29/2024 14:24	137	0
627018	2/29/2024 12:08	2/29/2024 14:24	136	0.13
1516579	2/29/2024 12:08	2/29/2024 14:07	119	0
971524	2/29/2024 12:08	2/29/2024 14:25	137	0
1265778	2/29/2024 12:09	2/29/2024 16:10	241	0
1515733	2/29/2024 12:09	2/29/2024 14:10	121	0.07
623871	2/29/2024 12:09	2/29/2024 14:20	131	0
624901	2/29/2024 12:10	3/1/2024 9:00	1249.48	0.03
975066	2/29/2024 12:10	2/29/2024 14:42	152	0
646026	2/29/2024 12:12	2/29/2024 13:57	105	0
1190246	2/29/2024 12:12	2/29/2024 14:07	115	0.04
887599	2/29/2024 12:13	3/1/2024 9:00	1246.83	0
1326407	2/29/2024 12:13	3/1/2024 9:00	1246.15	0.02
1554218	2/29/2024 12:19	2/29/2024 13:06	47	0.03
1556243	2/29/2024 12:19	2/29/2024 13:06	47	0
449377	2/29/2024 12:21	2/29/2024 13:03	42	0
25674	2/29/2024 12:22	2/29/2024 13:31	69	0
204963	2/29/2024 12:23	3/1/2024 9:00	1236.13	0
204700	2/29/2024 12:24	3/1/2024 9:00	1235.13	0
1325831	2/29/2024 12:25	3/1/2024 9:00	1234.15	0
265955	2/29/2024 12:29	2/29/2024 14:14	105	0
353728	2/29/2024 12:34	2/29/2024 12:50	16	0
1522301	2/29/2024 12:42	3/1/2024 9:00	1217.93	0
188789	2/29/2024 12:42	2/29/2024 15:30	168	0
353651	2/29/2024 12:43	2/29/2024 14:13	90	0
353082	2/29/2024 12:43	2/29/2024 14:12	89	0.01
188843	2/29/2024 12:44	2/29/2024 14:13	89	0
353728	2/29/2024 12:50	2/29/2024 14:29	99	0
645339	2/29/2024 12:52	2/29/2024 14:11	79	0
574596	2/29/2024 12:53	2/29/2024 13:38	45	0
574740	2/29/2024 12:54	2/29/2024 14:23	89	0
574993	2/29/2024 12:54	2/29/2024 13:36	42	0
957615	2/29/2024 12:58	2/29/2024 14:38	100	0
240045	2/29/2024 12:59	2/29/2024 20:09	430	0.11
449377	2/29/2024 13:03	2/29/2024 13:24	21	0
1554218	2/29/2024 13:06	2/29/2024 13:48	42	0
1556243	2/29/2024 13:06	2/29/2024 14:36	90	0
450309	2/29/2024 13:06	3/1/2024 9:00	1193.48	0

8068454	2/29/2024 13:07	2/29/2024 14:05	58	0
1551510	2/29/2024 13:12	2/29/2024 14:10	58	0
352962	2/29/2024 13:18	3/1/2024 9:00	1181.13	0
259674	2/29/2024 13:18	2/29/2024 14:31	73	0
605186	2/29/2024 13:18	3/1/2024 9:00	1181.48	0.01
308959	2/29/2024 13:19	3/1/2024 9:00	1180.13	0
277301	2/29/2024 13:19	3/1/2024 9:00	1180.13	0
309961	2/29/2024 13:20	3/1/2024 9:00	1179.13	0
449377	2/29/2024 13:24	2/29/2024 14:11	47	0
189581	2/29/2024 13:26	2/29/2024 13:58	32	0
25066	2/29/2024 13:26	2/29/2024 20:11	405	0
23462	2/29/2024 13:27	2/29/2024 14:14	47	0
29848	2/29/2024 13:27	2/29/2024 13:58	31	0.02
27483	2/29/2024 13:27	2/29/2024 13:59	32	0
24124	2/29/2024 13:28	2/29/2024 14:15	47	0
188639	2/29/2024 13:28	2/29/2024 14:10	42	0.06
34905	2/29/2024 13:29	2/29/2024 14:16	47	0.01
23566	2/29/2024 13:29	2/29/2024 20:08	399	0
29635	2/29/2024 13:29	2/29/2024 14:16	47	0
346288	2/29/2024 13:29	2/29/2024 20:08	399	0
30471	2/29/2024 13:30	2/29/2024 14:01	31	0
345647	2/29/2024 13:30	2/29/2024 20:14	404	0
28509	2/29/2024 13:30	2/29/2024 14:01	31	0
342796	2/29/2024 13:30	2/29/2024 20:04	394	0
25674	2/29/2024 13:31	2/29/2024 14:13	42	0.06
574993	2/29/2024 13:36	2/29/2024 14:23	47	0
574596	2/29/2024 13:38	2/29/2024 14:38	60	0
479880	2/29/2024 13:39	2/29/2024 17:10	211	0
1385431	2/29/2024 13:39	2/29/2024 14:26	47	0
1493766	2/29/2024 13:39	2/29/2024 14:26	47	0
30176	2/29/2024 13:42	3/1/2024 9:00	1157.13	0
29748	2/29/2024 13:42	2/29/2024 14:13	31	0
1378273	2/29/2024 13:43	2/29/2024 20:02	379	0
1375642	2/29/2024 13:43	2/29/2024 14:30	47	0
1377926	2/29/2024 13:44	2/29/2024 15:45	121	0
28110	2/29/2024 13:44	3/1/2024 9:00	1155.13	0.06
1493132	2/29/2024 13:44	2/29/2024 14:16	32	0.15
14239	2/29/2024 13:45	2/29/2024 20:07	382	0
27443	2/29/2024 13:45	2/29/2024 14:12	27	0
24993	2/29/2024 13:46	3/1/2024 9:00	1153.13	0
11435788	2/29/2024 13:46	2/29/2024 20:10	384	0
260516	2/29/2024 13:46	2/29/2024 14:33	47	0.02
7937779	2/29/2024 13:46	2/29/2024 14:17	31	0
23464	2/29/2024 13:46	3/1/2024 9:00	1153.13	0
23516	2/29/2024 13:48	3/1/2024 9:00	1151.13	0
416557	2/29/2024 13:48	2/29/2024 14:30	42	0
1554218	2/29/2024 13:48	2/29/2024 14:36	48	0

10433250	2/29/2024 13:48	2/29/2024 16:01	133	0.07
646026	2/29/2024 13:57	2/29/2024 14:39	42	0
29848	2/29/2024 13:58	2/29/2024 14:14	16	0.02
189581	2/29/2024 13:58	2/29/2024 14:14	16	0
415195	2/29/2024 13:59	2/29/2024 20:07	368	0
27483	2/29/2024 13:59	2/29/2024 14:14	15	0
417096	2/29/2024 14:00	3/1/2024 9:00	1139.48	0
28509	2/29/2024 14:01	2/29/2024 14:17	16	0
13876	2/29/2024 14:01	2/29/2024 20:07	366	0
30471	2/29/2024 14:01	2/29/2024 14:12	11	0
51957	2/29/2024 14:02	3/1/2024 9:00	1137.13	0
68308	2/29/2024 14:03	3/1/2024 9:00	1136.13	0
15611	2/29/2024 14:04	2/29/2024 20:12	368	0
14605	2/29/2024 14:04	2/29/2024 20:12	368	0
8068454	2/29/2024 14:05	2/29/2024 14:21	16	0
1555268	2/29/2024 14:07	2/29/2024 20:09	362	0
1190246	2/29/2024 14:07	2/29/2024 14:55	48	0
1550815	2/29/2024 14:07	2/29/2024 20:10	363	0
1641091	2/29/2024 14:07	2/29/2024 14:23	16	0
1516579	2/29/2024 14:07	2/29/2024 14:23	16	0
624411	2/29/2024 14:07	2/29/2024 14:23	16	0.01
10013697	2/29/2024 14:08	2/29/2024 20:10	362	0.03
626600	2/29/2024 14:08	2/29/2024 14:23	15	0
1552154	2/29/2024 14:08	2/29/2024 14:24	16	0
790670	2/29/2024 14:08	2/29/2024 14:24	16	0
6714863	2/29/2024 14:09	2/29/2024 14:25	16	0
1546695	2/29/2024 14:09	2/29/2024 14:24	15	0
1551513	2/29/2024 14:09	2/29/2024 20:17	368	0
800600	2/29/2024 14:09	2/29/2024 14:25	16	0
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660265	2/29/2024 14:09	2/29/2024 20:03	354	0
1524033	2/29/2024 14:09	2/29/2024 20:06	357	0
1515733	2/29/2024 14:10	2/29/2024 14:26	16	0
188639	2/29/2024 14:10	2/29/2024 14:26	16	0.02
1523524	2/29/2024 14:10	2/29/2024 14:25	15	0
1551510	2/29/2024 14:10	2/29/2024 23:10	540	0
1518000	2/29/2024 14:10	2/29/2024 20:07	357	0
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800588	2/29/2024 14:10	2/29/2024 14:25	15	0
800590	2/29/2024 14:11	2/29/2024 14:22	11	0
801004	2/29/2024 14:11	2/29/2024 14:27	16	0
793285	2/29/2024 14:11	2/29/2024 14:27	16	0
645339	2/29/2024 14:11	2/29/2024 14:27	16	0
449377	2/29/2024 14:11	2/29/2024 14:32	21	0
988954	2/29/2024 14:12	2/29/2024 19:53	341	0
30471	2/29/2024 14:12	2/29/2024 14:59	47	0
353082	2/29/2024 14:12	2/29/2024 14:28	16	0

872542	2/29/2024 14:12	2/29/2024 19:54	342	0
27443	2/29/2024 14:12	2/29/2024 20:14	362	0.03
29748	2/29/2024 14:13	2/29/2024 20:05	352	0
34832	2/29/2024 14:13	2/29/2024 14:29	16	0
188843	2/29/2024 14:13	2/29/2024 20:10	357	0
34613	2/29/2024 14:13	2/29/2024 20:10	357	0
25674	2/29/2024 14:13	2/29/2024 14:28	15	0
353651	2/29/2024 14:13	2/29/2024 14:28	15	0
29848	2/29/2024 14:14	2/29/2024 14:30	16	0.06
189581	2/29/2024 14:14	2/29/2024 14:30	16	0
27483	2/29/2024 14:14	2/29/2024 14:30	16	0
265955	2/29/2024 14:14	2/29/2024 20:05	351	0
23462	2/29/2024 14:14	2/29/2024 14:30	16	0
35442	2/29/2024 14:14	2/29/2024 14:29	15	0
26864	2/29/2024 14:15	2/29/2024 14:46	31	0
24124	2/29/2024 14:15	2/29/2024 20:15	360	0
266010	2/29/2024 14:15	3/1/2024 9:00	1124.13	0
29635	2/29/2024 14:16	2/29/2024 20:02	346	0
1493132	2/29/2024 14:16	2/29/2024 14:31	15	0.17
34905	2/29/2024 14:16	2/29/2024 20:08	352	0
320966	2/29/2024 14:16	2/29/2024 16:01	105	0
28509	2/29/2024 14:17	2/29/2024 14:59	42	0
7937779	2/29/2024 14:17	2/29/2024 14:27	10	0
56196	2/29/2024 14:17	2/29/2024 14:49	32	0
675499	2/29/2024 14:17	2/29/2024 14:49	32	0
563721	2/29/2024 14:17	2/29/2024 14:33	16	0
54382	2/29/2024 14:17	2/29/2024 20:15	358	0
56164	2/29/2024 14:18	2/29/2024 20:08	350	0
51483	2/29/2024 14:18	2/29/2024 14:33	15	0
562727	2/29/2024 14:18	2/29/2024 20:04	346	0.02
1041597	2/29/2024 14:18	2/29/2024 20:01	343	0
561672	2/29/2024 14:18	2/29/2024 14:34	16	0
55854	2/29/2024 14:19	2/29/2024 20:00	341	0
197883	2/29/2024 14:19	2/29/2024 14:35	16	0
196408	2/29/2024 14:20	2/29/2024 14:36	16	0
8950281	2/29/2024 14:20	2/29/2024 14:31	11	0
97805	2/29/2024 14:20	3/1/2024 9:00	1119.13	0
623871	2/29/2024 14:20	2/29/2024 20:06	346	0
197690	2/29/2024 14:20	2/29/2024 14:36	16	0
70277	2/29/2024 14:21	2/29/2024 20:11	350	0
1683861	2/29/2024 14:21	2/29/2024 14:36	15	0
1267978	2/29/2024 14:21	2/29/2024 20:03	342	0
8068454	2/29/2024 14:21	2/29/2024 14:37	16	0
627289	2/29/2024 14:21	2/29/2024 14:37	16	0.01
99902	2/29/2024 14:21	3/1/2024 9:00	1118.13	0
623069	2/29/2024 14:21	2/29/2024 20:03	342	0
800590	2/29/2024 14:22	2/29/2024 19:59	337	0

100594	2/29/2024 14:22	3/1/2024 9:00	1117.13	0
193791	2/29/2024 14:22	2/29/2024 14:54	32	0
626477	2/29/2024 14:22	2/29/2024 14:53	31	0
11081884	2/29/2024 14:22	2/29/2024 14:37	15	0
198082	2/29/2024 14:22	2/29/2024 14:54	32	0
624716	2/29/2024 14:23	2/29/2024 14:54	31	0.2
274059	2/29/2024 14:23	2/29/2024 14:34	11	0
624411	2/29/2024 14:23	2/29/2024 19:58	335	0
274125	2/29/2024 14:23	2/29/2024 14:38	15	0
626600	2/29/2024 14:23	2/29/2024 21:34	431	0
1516579	2/29/2024 14:23	2/29/2024 15:10	47	0
574993	2/29/2024 14:23	2/29/2024 14:39	16	0
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627018	2/29/2024 14:24	2/29/2024 14:35	11	0
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790670	2/29/2024 14:24	2/29/2024 14:39	15	0
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658642	2/29/2024 14:26	2/29/2024 20:01	335	0.1
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1515733	2/29/2024 14:26	2/29/2024 15:13	47	0
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793285	2/29/2024 14:27	2/29/2024 14:37	10	0
801004	2/29/2024 14:27	2/29/2024 20:02	335	0
645339	2/29/2024 14:27	2/29/2024 14:37	10	0
25674	2/29/2024 14:28	2/29/2024 15:00	32	0.18
1515678	2/29/2024 14:28	2/29/2024 20:15	347	0
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34832	2/29/2024 14:29	2/29/2024 14:45	16	0
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1375642	2/29/2024 14:30	2/29/2024 14:46	16	0
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23462	2/29/2024 14:30	2/29/2024 14:46	16	0
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8950281	2/29/2024 14:31	2/29/2024 20:11	340	0
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449377	2/29/2024 14:32	2/29/2024 14:48	16	0
449036	2/29/2024 14:33	2/29/2024 14:49	16	0
260516	2/29/2024 14:33	2/29/2024 14:49	16	0
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197883	2/29/2024 14:35	2/29/2024 20:28	353	0
197356	2/29/2024 14:36	2/29/2024 20:07	331	0
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627289	2/29/2024 14:37	2/29/2024 20:08	331	0
645339	2/29/2024 14:37	2/29/2024 20:08	331	0
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574596	2/29/2024 14:38	2/29/2024 20:08	330	0
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519373	2/29/2024 14:38	2/29/2024 20:14	336	0.45
2923717	2/29/2024 14:38	2/29/2024 20:09	331	0

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353728	2/29/2024 14:45	2/29/2024 20:32	347	0
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26864	2/29/2024 14:46	2/29/2024 20:06	320	0
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675499	2/29/2024 14:49	2/29/2024 19:53	304	0
56196	2/29/2024 14:49	2/29/2024 20:09	320	0
561672	2/29/2024 14:49	2/29/2024 20:10	321	0
260516	2/29/2024 14:49	2/29/2024 19:58	309	0
449036	2/29/2024 14:49	2/29/2024 20:04	315	0
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553755	2/29/2024 14:52	2/29/2024 20:07	315	0
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29848	2/29/2024 15:01	2/29/2024 20:06	305	0.18
189581	2/29/2024 15:01	2/29/2024 20:11	310	0
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989956	2/29/2024 15:06	2/29/2024 19:55	289	0
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327693	2/29/2024 15:20	3/1/2024 9:00	1059.13	0
281235	2/29/2024 15:21	2/29/2024 21:07	346	0
1320845	2/29/2024 15:23	2/29/2024 19:56	273	0.08
328817	2/29/2024 15:23	3/1/2024 9:00	1056.13	0
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188789	2/29/2024 15:30	2/29/2024 20:08	278	0
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1385431	2/29/2024 15:54	2/29/2024 20:06	252	0
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468492	2/29/2024 15:56	2/29/2024 19:52	236	0
1493766	2/29/2024 15:56	2/29/2024 20:08	252	0
10433250	2/29/2024 16:01	2/29/2024 19:59	238	0
320966	2/29/2024 16:01	2/29/2024 20:13	252	0
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656498	2/29/2024 16:13	2/29/2024 20:04	231	0
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1430838	2/29/2024 16:35	2/29/2024 20:10	215	0
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449377	2/29/2024 16:42	2/29/2024 17:20	38	0

1376158	2/29/2024 17:00	2/29/2024 17:16	16	0
479880	2/29/2024 17:10	2/29/2024 20:03	173	0
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326028	2/29/2024 18:03	3/1/2024 6:12	729	0
449377	2/29/2024 18:07	2/29/2024 19:05	58	0
1368745	2/29/2024 18:17	2/29/2024 20:02	105	0
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385332	2/29/2024 19:50	3/1/2024 9:00	789.48	0
1654064	2/29/2024 19:52	3/1/2024 9:00	787.27	0
1321605	2/29/2024 19:52	3/1/2024 9:00	787.15	0
468492	2/29/2024 19:52	3/1/2024 9:00	787.48	0
1462990	2/29/2024 19:52	3/1/2024 9:00	787.93	0
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675499	2/29/2024 19:53	3/1/2024 9:00	786.83	0
872542	2/29/2024 19:54	3/1/2024 9:00	785.83	0
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989956	2/29/2024 19:55	3/1/2024 9:00	784.27	0
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1320845	2/29/2024 19:56	3/1/2024 8:22	746	0
1321663	2/29/2024 19:56	3/1/2024 9:00	783.15	0
1332906	2/29/2024 19:56	3/1/2024 9:00	783.15	0
800588	2/29/2024 19:56	3/1/2024 9:00	783.83	0
800576	2/29/2024 19:56	3/1/2024 9:00	783.83	0
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160073	2/29/2024 19:57	3/1/2024 9:00	782.27	0
955448	2/29/2024 19:57	3/1/2024 9:00	782.27	0
593798	2/29/2024 19:57	3/1/2024 9:00	782.48	0
260516	2/29/2024 19:58	3/1/2024 9:00	781.13	0
1309098	2/29/2024 19:58	3/1/2024 9:00	781.15	0
624411	2/29/2024 19:58	3/1/2024 9:00	781.48	0
500173	2/29/2024 19:58	3/1/2024 9:00	781.48	0
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956968	2/29/2024 19:59	3/1/2024 9:00	780.27	0
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1415828	2/29/2024 19:59	3/1/2024 9:00	780.15	0
10433250	2/29/2024 19:59	3/1/2024 9:00	780.15	0
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1395587	2/29/2024 19:59	3/1/2024 9:00	780.15	0
563241	2/29/2024 19:59	3/1/2024 9:00	780.48	0
800590	2/29/2024 19:59	3/1/2024 9:00	780.83	0
1503634	2/29/2024 20:00	3/1/2024 9:00	779.15	0
1378582	2/29/2024 20:00	3/1/2024 9:00	779.15	0

627018	2/29/2024 20:00	3/1/2024 9:00	779.48	0
790670	2/29/2024 20:00	3/1/2024 9:00	779.83	0
956559	2/29/2024 20:00	3/1/2024 9:00	779.27	0
1393633	2/29/2024 20:00	3/1/2024 9:00	779.15	0
55854	2/29/2024 20:00	3/1/2024 9:00	779.13	0
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1463218	2/29/2024 20:01	3/1/2024 9:00	778.93	0
1041597	2/29/2024 20:01	3/1/2024 9:00	778.27	0
658642	2/29/2024 20:01	3/1/2024 9:00	778.83	0
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510307	2/29/2024 20:01	3/1/2024 9:00	778.48	0
800600	2/29/2024 20:01	3/1/2024 9:00	778.83	0
1368745	2/29/2024 20:02	3/1/2024 9:00	777.15	0
96751	2/29/2024 20:02	3/1/2024 9:00	777.13	0
1393699	2/29/2024 20:02	3/1/2024 9:00	777.15	0
265864	2/29/2024 20:02	3/1/2024 9:00	777.13	0
860281	2/29/2024 20:02	3/1/2024 9:00	777.83	0
801004	2/29/2024 20:02	3/1/2024 9:00	777.83	0
658177	2/29/2024 20:02	3/1/2024 9:00	777.83	0
29635	2/29/2024 20:02	3/1/2024 9:00	777.13	0
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1378273	2/29/2024 20:02	3/1/2024 9:00	777.15	0
47769	2/29/2024 20:02	3/1/2024 9:00	777.13	0
1412757	2/29/2024 20:02	3/1/2024 9:00	777.15	0
956125	2/29/2024 20:02	3/1/2024 9:00	777.27	0
1342974	2/29/2024 20:02	3/1/2024 9:00	777.15	0
1377926	2/29/2024 20:02	3/1/2024 9:00	777.15	0
587455	2/29/2024 20:03	3/1/2024 9:00	776.48	0
197690	2/29/2024 20:03	3/1/2024 9:00	776.13	0
1469850	2/29/2024 20:03	3/1/2024 9:00	776.93	0
479880	2/29/2024 20:03	3/1/2024 9:00	776.48	0
7937779	2/29/2024 20:03	3/1/2024 9:00	776.15	0
1343091	2/29/2024 20:03	3/1/2024 9:00	776.15	0
1267978	2/29/2024 20:03	3/1/2024 9:00	776.27	0
793285	2/29/2024 20:03	3/1/2024 9:00	776.83	0
626477	2/29/2024 20:03	3/1/2024 9:00	776.48	0
1321114	2/29/2024 20:03	3/1/2024 9:00	776.15	0
314899	2/29/2024 20:03	3/1/2024 9:00	776.13	0
506261	2/29/2024 20:03	3/1/2024 9:00	776.48	0
623069	2/29/2024 20:03	3/1/2024 9:00	776.48	0
952445	2/29/2024 20:03	3/1/2024 9:00	776.27	0

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1704779	2/29/2024 20:03	3/1/2024 9:00	776.15	0
6280623	2/29/2024 20:03	3/1/2024 9:00	776.13	0
353651	2/29/2024 20:03	3/1/2024 9:00	776.13	0
1452193	2/29/2024 20:03	3/1/2024 9:00	776.93	0
660265	2/29/2024 20:03	3/1/2024 9:00	776.83	0
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646026	2/29/2024 20:04	3/1/2024 9:00	775.48	0
449036	2/29/2024 20:04	3/1/2024 9:00	775.48	0
259674	2/29/2024 20:04	3/1/2024 9:00	775.13	0
574740	2/29/2024 20:04	3/1/2024 9:00	775.48	0
1417279	2/29/2024 20:04	3/1/2024 9:00	775.15	0
1555609	2/29/2024 20:04	3/1/2024 9:00	775.93	0
315169	2/29/2024 20:04	3/1/2024 9:00	775.13	0
562727	2/29/2024 20:04	3/1/2024 9:00	775.48	0
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656498	2/29/2024 20:04	3/1/2024 9:00	775.83	0
342796	2/29/2024 20:04	3/1/2024 9:00	775.13	0
563721	2/29/2024 20:04	3/1/2024 9:00	775.48	0
99953	2/29/2024 20:04	3/1/2024 9:00	775.13	0
314188	2/29/2024 20:04	3/1/2024 9:00	775.13	0
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34887	2/29/2024 20:05	3/1/2024 9:00	774.13	0
1414392	2/29/2024 20:05	3/1/2024 9:00	774.15	0
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315730	2/29/2024 20:05	3/1/2024 9:00	774.13	0
1445317	2/29/2024 20:05	3/1/2024 7:55	710	0
265955	2/29/2024 20:05	3/1/2024 9:00	774.13	0
1465391	2/29/2024 20:06	3/1/2024 8:58	772	0
70866	2/29/2024 20:06	3/1/2024 9:00	773.13	0
1430553	2/29/2024 20:06	3/1/2024 9:00	773.93	0
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1385431	2/29/2024 20:06	3/1/2024 9:00	773.15	0
1320646	2/29/2024 20:06	3/1/2024 9:00	773.15	0
26864	2/29/2024 20:06	3/1/2024 9:00	773.13	0
1546695	2/29/2024 20:06	3/1/2024 9:00	773.93	0
1555376	2/29/2024 20:06	3/1/2024 9:00	773.93	0
23462	2/29/2024 20:06	3/1/2024 9:00	773.13	0

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27483	2/29/2024 20:06	3/1/2024 9:00	773.13	0
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1417138	2/29/2024 20:06	3/1/2024 9:00	773.15	0
1446401	2/29/2024 20:06	3/1/2024 9:00	773.93	0
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197356	2/29/2024 20:07	3/1/2024 9:00	772.13	0
14239	2/29/2024 20:07	3/1/2024 9:00	772.13	0
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507365	2/29/2024 20:07	3/1/2024 9:00	772.48	0
1466357	2/29/2024 20:07	3/1/2024 9:00	772.93	0
552210	2/29/2024 20:07	3/1/2024 9:00	772.48	0
1556486	2/29/2024 20:07	3/1/2024 9:00	772.93	0
664453	2/29/2024 20:07	3/1/2024 9:00	772.83	0
852125	2/29/2024 20:07	3/1/2024 9:00	772.83	0
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13876	2/29/2024 20:07	3/1/2024 9:00	772.13	0
392223	2/29/2024 20:07	3/1/2024 9:00	772.48	0
553755	2/29/2024 20:07	3/1/2024 9:00	772.48	0
1523524	2/29/2024 20:08	3/1/2024 9:00	771.93	0
346288	2/29/2024 20:08	3/1/2024 9:00	771.13	0
449377	2/29/2024 20:08	2/29/2024 21:06	58	0
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1310926	2/29/2024 20:08	3/1/2024 9:00	771.15	0
645339	2/29/2024 20:08	3/1/2024 9:00	771.48	0
1469270	2/29/2024 20:08	3/1/2024 9:00	771.93	0
10659831	2/29/2024 20:08	3/1/2024 9:00	771.93	0
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56164	2/29/2024 20:08	3/1/2024 9:00	771.13	0
34905	2/29/2024 20:08	3/1/2024 9:00	771.13	0
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627289	2/29/2024 20:08	3/1/2024 9:00	771.48	0
8068454	2/29/2024 20:08	3/1/2024 9:00	771.48	0
12682110	2/29/2024 20:08	3/1/2024 9:00	771.93	0
1405290	2/29/2024 20:08	3/1/2024 9:00	771.15	0
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1453263	2/29/2024 20:09	3/1/2024 9:00	770.93	0

852071	2/29/2024 20:09	3/1/2024 9:00	770.83	0
1451744	2/29/2024 20:09	3/1/2024 9:00	770.93	0
353082	2/29/2024 20:09	3/1/2024 9:00	770.13	0
562856	2/29/2024 20:09	3/1/2024 9:00	770.48	0
624716	2/29/2024 20:09	3/1/2024 9:00	770.48	0
523489	2/29/2024 20:09	3/1/2024 9:00	770.13	0
1430644	2/29/2024 20:09	3/1/2024 9:00	770.93	0
511266	2/29/2024 20:09	3/1/2024 9:00	770.48	0
240045	2/29/2024 20:09	3/1/2024 9:00	770.13	0
198082	2/29/2024 20:09	3/1/2024 9:00	770.13	0
68620	2/29/2024 20:09	3/1/2024 9:00	770.13	0
56196	2/29/2024 20:09	3/1/2024 9:00	770.13	0
1555268	2/29/2024 20:09	3/1/2024 9:00	770.93	0
859747	2/29/2024 20:09	3/1/2024 9:00	770.83	0
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1515964	2/29/2024 20:10	3/1/2024 9:00	769.93	0
10013697	2/29/2024 20:10	3/1/2024 9:00	769.93	0
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1556434	2/29/2024 20:10	3/1/2024 9:00	769.93	0
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97730	2/29/2024 20:10	3/1/2024 9:00	769.13	0
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8206792	2/29/2024 20:10	3/1/2024 9:00	769.93	0
8486022	2/29/2024 20:10	3/1/2024 9:00	769.93	0
561672	2/29/2024 20:10	3/1/2024 9:00	769.48	0
8950281	2/29/2024 20:11	3/1/2024 9:00	768.13	0
189581	2/29/2024 20:11	3/1/2024 9:00	768.13	0
49209	2/29/2024 20:11	3/1/2024 9:00	768.13	0
1416360	2/29/2024 20:11	3/1/2024 9:00	768.15	0
852287	2/29/2024 20:11	3/1/2024 8:05	714	0
6714863	2/29/2024 20:11	3/1/2024 9:00	768.83	0
70277	2/29/2024 20:11	3/1/2024 9:00	768.13	0
316997	2/29/2024 20:11	3/1/2024 9:00	768.13	0
25066	2/29/2024 20:11	3/1/2024 9:00	768.13	0
309944	2/29/2024 20:11	3/1/2024 9:00	768.13	0
1554218	2/29/2024 20:12	3/1/2024 9:00	767.93	0
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623612	2/29/2024 20:12	3/1/2024 9:00	767.48	0
1515733	2/29/2024 20:12	3/1/2024 9:00	767.93	0
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1394324	2/29/2024 20:12	3/1/2024 9:00	767.15	0
9063373	2/29/2024 20:12	3/1/2024 9:00	767.15	0
14605	2/29/2024 20:12	3/1/2024 9:00	767.13	0
1450250	2/29/2024 20:13	3/1/2024 9:00	766.93	0
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320966	2/29/2024 20:13	3/1/2024 8:18	725	0
313269	2/29/2024 20:13	3/1/2024 9:00	766.13	0
1556243	2/29/2024 20:13	3/1/2024 9:00	766.93	0
1494722	2/29/2024 20:13	3/1/2024 9:00	766.15	0
1604432	2/29/2024 20:13	3/1/2024 9:00	766.93	0
35442	2/29/2024 20:13	3/1/2024 9:00	766.13	0
308802	2/29/2024 20:13	3/1/2024 9:00	766.13	0
1493132	2/29/2024 20:13	3/1/2024 8:45	752	0
101426	2/29/2024 20:14	3/1/2024 9:00	765.13	0
308032	2/29/2024 20:14	3/1/2024 9:00	765.13	0
345647	2/29/2024 20:14	3/1/2024 9:00	765.13	0
317084	2/29/2024 20:14	3/1/2024 9:00	765.13	0
27443	2/29/2024 20:14	3/1/2024 9:00	765.13	0
1464949	2/29/2024 20:14	3/1/2024 9:00	765.93	0
519373	2/29/2024 20:14	3/1/2024 9:00	765.13	0
1375642	2/29/2024 20:15	3/1/2024 9:00	764.15	0
24124	2/29/2024 20:15	3/1/2024 9:00	764.13	0
54382	2/29/2024 20:15	3/1/2024 9:00	764.13	0
1641091	2/29/2024 20:15	3/1/2024 9:00	764.93	0
1515678	2/29/2024 20:15	3/1/2024 9:00	764.93	0
8148103	2/29/2024 20:16	3/1/2024 9:00	763.13	0
1551513	2/29/2024 20:17	3/1/2024 9:00	762.93	0
1456419	2/29/2024 20:17	3/1/2024 9:00	762.93	0
69207	2/29/2024 20:18	3/1/2024 9:00	761.13	0
195749	2/29/2024 20:21	3/1/2024 9:00	758.13	0
8674977	2/29/2024 20:27	3/1/2024 9:00	752.15	0
197883	2/29/2024 20:28	3/1/2024 9:00	751.13	0
353728	2/29/2024 20:32	3/1/2024 9:00	747.13	0
195839	2/29/2024 20:33	3/1/2024 9:00	746.13	0
656343	2/29/2024 20:36	3/1/2024 9:00	743.83	0
1683861	2/29/2024 20:37	3/1/2024 9:00	742.13	0
449377	2/29/2024 21:06	2/29/2024 22:09	63	0
274059	2/29/2024 21:07	3/1/2024 9:00	712.13	0
281235	2/29/2024 21:07	3/1/2024 9:00	712.13	0
277818	2/29/2024 21:09	3/1/2024 9:00	710.13	0
274125	2/29/2024 21:11	3/1/2024 9:00	708.13	0
10393495	2/29/2024 21:12	3/1/2024 9:00	707.13	0
626600	2/29/2024 21:34	3/1/2024 9:00	685.48	0
188639	2/29/2024 21:47	3/1/2024 9:00	672.13	0
449377	2/29/2024 22:09	2/29/2024 22:30	21	0
25674	2/29/2024 22:26	3/1/2024 9:00	633.13	0
449377	2/29/2024 22:30	2/29/2024 23:28	58	0

957615	2/29/2024 22:56	3/1/2024 9:00	603.27	0
1551510	2/29/2024 23:10	3/1/2024 9:00	589.93	0
449377	2/29/2024 23:28	3/1/2024 0:19	51	0
449377	3/1/2024 0:19	3/1/2024 0:41	22	0
449377	3/1/2024 0:41	3/1/2024 1:33	52	0
449377	3/1/2024 1:33	3/1/2024 1:44	11	0
1376158	3/1/2024 1:42	3/1/2024 8:13	391	0
449377	3/1/2024 1:44	3/1/2024 2:53	69	0
8511623	3/1/2024 2:05	3/1/2024 9:00	414.13	0
449377	3/1/2024 2:53	3/1/2024 4:37	104	0
449377	3/1/2024 4:37	3/1/2024 5:25	48	0
449377	3/1/2024 5:25	3/1/2024 6:07	42	0
449377	3/1/2024 6:07	3/1/2024 6:28	21	0
326028	3/1/2024 6:12	3/1/2024 9:00	167.13	0
449377	3/1/2024 6:28	3/1/2024 6:59	31	0
449377	3/1/2024 6:59	3/1/2024 7:41	42	0
449377	3/1/2024 7:41	3/1/2024 8:17	36	0
1445317	3/1/2024 7:55	3/1/2024 9:00	64.93	0
852287	3/1/2024 8:05	3/1/2024 9:00	54.83	0
1376158	3/1/2024 8:13	3/1/2024 9:00	46.15	0
1565203	3/1/2024 8:15	3/1/2024 9:00	44.93	0
449377	3/1/2024 8:17	3/1/2024 9:00	42.48	0
320966	3/1/2024 8:18	3/1/2024 9:00	41.13	0
1320845	3/1/2024 8:22	3/1/2024 9:00	37.15	0
1320008	3/1/2024 8:22	3/1/2024 9:00	37.15	0
1701172	3/1/2024 8:26	3/1/2024 9:00	33.15	0
415131	3/1/2024 8:44	3/1/2024 9:00	15.48	0
1493132	3/1/2024 8:45	3/1/2024 9:00	14.15	0
8604423	3/1/2024 8:48	3/1/2024 9:00	11.48	0
278472	3/1/2024 8:52	3/1/2024 9:00	7.13	0
1465391	3/1/2024 8:58	3/1/2024 9:00	1.93	0
444688	3/1/2024 9:00	3/2/2024 9:00	1439.48	0.01
646026	3/1/2024 9:00	3/1/2024 10:10	70	0
1288420	3/1/2024 9:00	3/1/2024 11:28	148	0
675499	3/1/2024 9:00	3/2/2024 9:00	1439.83	0
447406	3/1/2024 9:00	3/1/2024 14:05	305	0
1394324	3/1/2024 9:00	3/1/2024 11:52	172	0
1513541	3/1/2024 9:00	3/2/2024 9:00	1439.93	0
1352388	3/1/2024 9:00	3/2/2024 9:00	1439.15	0
1413046	3/1/2024 9:00	3/2/2024 9:00	1439.15	0
276488	3/1/2024 9:00	3/1/2024 11:34	154	0
10222019	3/1/2024 9:00	3/2/2024 9:00	1439.15	0
554089	3/1/2024 9:00	3/2/2024 9:00	1439.48	0
811953	3/1/2024 9:00	3/2/2024 9:00	1439.83	0
326028	3/1/2024 9:00	3/1/2024 20:33	693	0
188789	3/1/2024 9:00	3/2/2024 9:00	1439.13	0
96751	3/1/2024 9:00	3/2/2024 9:00	1439.13	0

1516786	3/1/2024 9:00	3/2/2024 9:00	1439.93	0
353728	3/1/2024 9:00	3/1/2024 10:32	92	0
4173986	3/1/2024 9:00	3/1/2024 11:36	156	0.19
7937779	3/1/2024 9:00	3/1/2024 11:43	163	0
1366197	3/1/2024 9:00	3/2/2024 9:00	1439.15	0
1701172	3/1/2024 9:00	3/1/2024 19:44	644	0
953854	3/1/2024 9:00	3/2/2024 9:00	1439.27	0
1555609	3/1/2024 9:00	3/2/2024 9:00	1439.93	0
562202	3/1/2024 9:00	3/2/2024 9:00	1439.48	0
8724096	3/1/2024 9:00	3/2/2024 9:00	1439.15	0
507365	3/1/2024 9:00	3/1/2024 10:09	69	0
10714479	3/1/2024 9:00	3/2/2024 9:00	1439.93	0
51483	3/1/2024 9:01	3/1/2024 12:02	181	0
511266	3/1/2024 9:06	3/1/2024 10:09	63	0
202435	3/1/2024 9:06	3/2/2024 9:00	1433.13	0
319279	3/1/2024 9:06	3/2/2024 9:00	1433.13	0
1516579	3/1/2024 9:06	3/1/2024 10:51	105	0
278472	3/1/2024 9:07	3/1/2024 19:51	644	0
1348731	3/1/2024 9:07	3/2/2024 9:00	1432.15	0
574993	3/1/2024 9:07	3/1/2024 20:03	656	0
25066	3/1/2024 9:07	3/2/2024 9:00	1432.13	0
664030	3/1/2024 9:07	3/2/2024 9:00	1432.83	0
8950281	3/1/2024 9:07	3/1/2024 12:01	174	0
345752	3/1/2024 9:08	3/2/2024 9:00	1431.13	0
852287	3/1/2024 9:08	3/1/2024 14:18	310	0
1465391	3/1/2024 9:08	3/1/2024 19:12	604	0
188639	3/1/2024 9:10	3/1/2024 11:46	156	0.93
385332	3/1/2024 9:11	3/1/2024 19:46	635	0
1494722	3/1/2024 9:14	3/1/2024 14:27	313	1.75
1493132	3/1/2024 9:15	3/1/2024 11:31	136	2.19
1393699	3/1/2024 9:15	3/1/2024 14:30	315	1.17
314188	3/1/2024 9:16	3/1/2024 10:04	48	0
315169	3/1/2024 9:17	3/1/2024 10:05	48	0
315730	3/1/2024 9:18	3/1/2024 10:05	47	0
860281	3/1/2024 9:20	3/1/2024 11:36	136	0
852125	3/1/2024 9:20	3/1/2024 14:20	300	0
859747	3/1/2024 9:22	3/1/2024 11:33	131	0
1320619	3/1/2024 9:23	3/1/2024 10:10	47	0
1190246	3/1/2024 9:23	3/1/2024 14:32	309	0
1320646	3/1/2024 9:25	3/1/2024 10:12	47	0
1320845	3/1/2024 9:25	3/1/2024 19:49	624	1.96
800576	3/1/2024 9:25	3/1/2024 19:53	628	0
1321605	3/1/2024 9:26	3/1/2024 19:51	625	1.82
1321114	3/1/2024 9:26	3/1/2024 10:09	43	0
6280623	3/1/2024 9:37	3/1/2024 19:55	618	0.06
317084	3/1/2024 9:37	3/1/2024 20:01	624	0
317233	3/1/2024 9:38	3/1/2024 19:52	614	0.98

10013697	3/1/2024 9:38	3/1/2024 19:58	620	0
800590	3/1/2024 9:38	3/1/2024 11:39	121	0
8104722	3/1/2024 9:39	3/1/2024 19:54	615	0
1518000	3/1/2024 9:40	3/1/2024 10:23	43	0
800600	3/1/2024 9:40	3/1/2024 11:41	121	0
800588	3/1/2024 9:40	3/1/2024 11:41	121	0
1551513	3/1/2024 9:40	3/1/2024 20:00	620	0
1466357	3/1/2024 9:41	3/1/2024 19:56	615	0
1551510	3/1/2024 9:41	3/1/2024 19:55	614	0
523489	3/1/2024 9:42	3/1/2024 19:56	614	1.47
801004	3/1/2024 9:42	3/1/2024 11:38	116	0
314899	3/1/2024 9:42	3/1/2024 19:51	609	0
34905	3/1/2024 9:42	3/1/2024 10:29	47	0.01
24124	3/1/2024 9:43	3/2/2024 9:00	1396.13	0
317797	3/1/2024 9:43	3/1/2024 19:51	608	0
25674	3/1/2024 9:43	3/1/2024 14:58	315	0
10433250	3/1/2024 9:45	3/1/2024 11:46	121	1.49
1503634	3/1/2024 9:45	3/1/2024 19:53	608	0
1430294	3/1/2024 9:48	3/1/2024 19:57	609	0.13
9063373	3/1/2024 9:49	3/1/2024 11:50	121	0
1604432	3/1/2024 9:51	3/1/2024 20:01	610	2.6
1463218	3/1/2024 9:51	3/1/2024 19:55	604	0
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574596	3/1/2024 9:53	3/1/2024 19:52	599	0
1464949	3/1/2024 9:53	3/1/2024 20:03	610	0
1321750	3/1/2024 9:54	3/1/2024 10:10	16	0
1445317	3/1/2024 9:55	3/1/2024 19:55	600	0
1376158	3/1/2024 9:58	3/1/2024 14:12	254	0
47769	3/1/2024 10:02	3/1/2024 19:55	593	0
1412757	3/1/2024 10:02	3/1/2024 19:50	588	0
69207	3/1/2024 10:02	3/1/2024 10:34	32	0
49209	3/1/2024 10:03	3/1/2024 19:55	592	0
561672	3/1/2024 10:04	3/1/2024 10:15	11	0
314188	3/1/2024 10:04	3/1/2024 19:57	593	0
315169	3/1/2024 10:05	3/1/2024 19:52	587	0
315730	3/1/2024 10:05	3/1/2024 19:58	593	2.73
68620	3/1/2024 10:06	3/1/2024 10:38	32	0
70866	3/1/2024 10:06	3/1/2024 10:32	26	0
510307	3/1/2024 10:06	3/1/2024 10:22	16	0
1554218	3/1/2024 10:06	3/1/2024 11:51	105	0
1310926	3/1/2024 10:08	3/1/2024 19:56	588	0.34
1309098	3/1/2024 10:09	3/1/2024 19:48	579	2.55
1555268	3/1/2024 10:09	3/1/2024 19:57	588	0
852071	3/1/2024 10:09	3/1/2024 14:21	252	1.92
1321114	3/1/2024 10:09	3/1/2024 19:51	582	0
507365	3/1/2024 10:09	3/1/2024 10:25	16	0
506261	3/1/2024 10:09	3/1/2024 11:54	105	0

511266	3/1/2024 10:09	3/1/2024 10:25	16	0
1321750	3/1/2024 10:10	3/1/2024 10:41	31	0
646026	3/1/2024 10:10	3/1/2024 14:11	241	0
1320619	3/1/2024 10:10	3/1/2024 19:51	581	0
957615	3/1/2024 10:11	3/1/2024 19:57	586	0
645339	3/1/2024 10:11	3/1/2024 10:21	10	0
1515733	3/1/2024 10:12	3/1/2024 11:42	90	0.86
1320646	3/1/2024 10:12	3/1/2024 19:54	582	0.52
664453	3/1/2024 10:13	3/1/2024 10:23	10	0
183822	3/1/2024 10:14	3/1/2024 19:56	582	0
1515964	3/1/2024 10:15	3/1/2024 19:58	583	0
1275035	3/1/2024 10:15	3/2/2024 9:00	1364.15	0
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1599209	3/1/2024 10:17	3/1/2024 16:40	383	0
1597556	3/1/2024 10:17	3/1/2024 16:40	383	0.68
281235	3/1/2024 10:19	3/1/2024 11:34	75	0
56196	3/1/2024 10:20	3/1/2024 11:49	89	0
449036	3/1/2024 10:20	3/1/2024 11:33	73	0.25
645339	3/1/2024 10:21	3/1/2024 14:07	226	0.47
27483	3/1/2024 10:21	3/1/2024 10:26	5	0
338734	3/1/2024 10:21	3/1/2024 19:59	578	0
29635	3/1/2024 10:22	3/1/2024 10:27	5	0
1417138	3/1/2024 10:22	3/1/2024 19:55	573	0
510307	3/1/2024 10:22	3/1/2024 11:56	94	0.27
664453	3/1/2024 10:23	3/1/2024 19:54	571.52	0
1518000	3/1/2024 10:23	3/1/2024 11:07	44	0
511266	3/1/2024 10:25	3/1/2024 11:54	89	0
507365	3/1/2024 10:25	3/1/2024 11:55	90	0
34887	3/1/2024 10:25	3/1/2024 19:58	573	0
27443	3/1/2024 10:25	3/1/2024 10:57	32	0.02
790670	3/1/2024 10:26	3/1/2024 14:12	226	0
27483	3/1/2024 10:26	3/1/2024 19:58	572	0.87
793285	3/1/2024 10:26	3/1/2024 14:12	226	1.04
6714863	3/1/2024 10:26	3/1/2024 14:12	226	0
29635	3/1/2024 10:27	3/1/2024 10:59	32	0
189581	3/1/2024 10:27	3/1/2024 20:01	574	0
169731	3/1/2024 10:28	3/1/2024 10:59	31	0
35442	3/1/2024 10:28	3/1/2024 20:03	575	0
30471	3/1/2024 10:28	3/1/2024 20:06	578	0
29848	3/1/2024 10:28	3/1/2024 19:48	560	1.67
955448	3/1/2024 10:29	3/1/2024 19:51	562	0
174362	3/1/2024 10:29	3/1/2024 11:01	32	0
1395587	3/1/2024 10:29	3/1/2024 19:51	562	0
353082	3/1/2024 10:29	3/1/2024 14:31	242	1.32
449377	3/1/2024 10:29	3/1/2024 10:50	21	0
34905	3/1/2024 10:29	3/1/2024 20:01	572	0.63
353651	3/1/2024 10:30	3/1/2024 14:30	240	0

34613	3/1/2024 10:30	3/1/2024 19:56	566	0
34832	3/1/2024 10:30	3/1/2024 19:59	569	0
23462	3/1/2024 10:31	3/1/2024 10:57	26	0
28509	3/1/2024 10:31	3/1/2024 19:54	563	0
593397	3/1/2024 10:31	3/1/2024 10:52	21	0
353728	3/1/2024 10:32	3/2/2024 9:00	1347.13	0
1414392	3/1/2024 10:32	3/2/2024 9:00	1347.15	0
70866	3/1/2024 10:32	3/1/2024 14:18	226	0
1556486	3/1/2024 10:33	3/1/2024 11:51	78	0
264379	3/1/2024 10:33	3/1/2024 19:49	556	0
1416360	3/1/2024 10:33	3/2/2024 9:00	1346.15	0
69207	3/1/2024 10:34	3/1/2024 14:20	226	0
1556434	3/1/2024 10:36	3/1/2024 11:49	73	0
68308	3/1/2024 10:36	3/1/2024 19:53	557	0
274125	3/1/2024 10:36	3/1/2024 11:36	60	0
274059	3/1/2024 10:36	3/1/2024 11:39	63	0
1550815	3/1/2024 10:36	3/1/2024 19:58	562	0
1415828	3/1/2024 10:36	3/2/2024 9:00	1343.15	0
561757	3/1/2024 10:36	3/1/2024 19:52	556	0
1546695	3/1/2024 10:37	3/1/2024 19:57	560	0
500145	3/1/2024 10:37	3/1/2024 11:50	73	0
68620	3/1/2024 10:38	3/1/2024 14:19	221	0
1321663	3/1/2024 10:38	3/1/2024 11:10	32	0
8148103	3/1/2024 10:38	3/1/2024 19:58	560	0.68
319726	3/1/2024 10:39	3/1/2024 19:49	550	0
500322	3/1/2024 10:39	3/1/2024 11:52	73	0.12
316971	3/1/2024 10:39	3/1/2024 20:00	561	0
316997	3/1/2024 10:39	3/1/2024 19:59	560	0.09
1321750	3/1/2024 10:41	3/1/2024 19:52	551	0
415195	3/1/2024 10:44	3/1/2024 19:55	551	0.07
26864	3/1/2024 10:44	3/1/2024 11:31	47	0
417096	3/1/2024 10:45	3/2/2024 9:00	1334.48	0
593798	3/1/2024 10:46	3/1/2024 11:02	16	0
1514004	3/1/2024 10:47	3/1/2024 19:58	551	0
1513398	3/1/2024 10:47	3/1/2024 19:58	551	0
1565203	3/1/2024 10:47	3/1/2024 20:03	556	0
1430838	3/1/2024 10:47	3/1/2024 20:04	557	0
416557	3/1/2024 10:48	3/1/2024 19:48	540	0
1556243	3/1/2024 10:49	3/1/2024 11:51	62	0
449377	3/1/2024 10:50	3/1/2024 11:17	27	0
500173	3/1/2024 10:50	3/1/2024 11:06	16	0.05
197883	3/1/2024 10:50	3/1/2024 19:56	546	0
1430553	3/1/2024 10:50	3/1/2024 19:56	546	2.92
2923717	3/1/2024 10:51	3/1/2024 11:39	48	0
195839	3/1/2024 10:51	3/1/2024 19:54	543	0.26
1430644	3/1/2024 10:51	3/1/2024 19:57	546	0.25
1516579	3/1/2024 10:51	3/1/2024 11:39	48	0

593397	3/1/2024 10:52	3/1/2024 11:03	11	0
1584264	3/1/2024 10:52	3/1/2024 14:06	194	1.31
196408	3/1/2024 10:52	3/1/2024 19:53	541	0
197690	3/1/2024 10:52	3/1/2024 19:53	541	0
11081884	3/1/2024 10:53	3/1/2024 19:56	543	0
1267978	3/1/2024 10:53	3/1/2024 11:20	27	0
553755	3/1/2024 10:54	3/1/2024 20:00	546	0.51
564518	3/1/2024 10:54	3/1/2024 14:24	210	0
1450250	3/1/2024 10:54	3/1/2024 19:58	544	1.05
553863	3/1/2024 10:54	3/1/2024 14:24	210	0
552210	3/1/2024 10:54	3/1/2024 19:55	541	0
1452193	3/1/2024 10:54	3/1/2024 19:52	538	1.3
1654064	3/1/2024 10:55	3/1/2024 19:45	530	0
1456419	3/1/2024 10:55	3/1/2024 19:53	538	0
1451744	3/1/2024 10:56	3/1/2024 19:57	541	0
1453263	3/1/2024 10:56	3/1/2024 19:56	540	0
975066	3/1/2024 10:57	3/1/2024 19:58	541	0
1375642	3/1/2024 10:57	3/1/2024 11:45	48	0
8206792	3/1/2024 10:57	3/1/2024 19:53	536	0
27443	3/1/2024 10:57	3/1/2024 19:57	540	0.04
23462	3/1/2024 10:57	3/1/2024 19:57	540	0
1393633	3/1/2024 10:58	3/1/2024 11:14	16	0.03
29748	3/1/2024 10:58	3/1/2024 19:48	530	0.12
989956	3/1/2024 10:59	3/1/2024 19:46	527	0
23566	3/1/2024 10:59	3/2/2024 9:00	1320.13	0
169731	3/1/2024 10:59	3/1/2024 19:55	536	0.02
29635	3/1/2024 10:59	3/1/2024 19:54	535	0
1041597	3/1/2024 11:00	3/1/2024 11:47	47	0
174362	3/1/2024 11:01	3/1/2024 19:56	535	0
593798	3/1/2024 11:02	3/1/2024 19:52	530	0
1515678	3/1/2024 11:02	3/1/2024 20:03	541	0
259674	3/1/2024 11:02	3/1/2024 14:16	194	0
265473	3/1/2024 11:03	3/1/2024 19:58	535	0
593397	3/1/2024 11:03	3/1/2024 21:00	597	0.52
1683861	3/1/2024 11:05	3/1/2024 19:56	531	0.97
12682110	3/1/2024 11:06	3/1/2024 11:53	47	0.4
500173	3/1/2024 11:06	3/1/2024 11:37	31	2.23
626477	3/1/2024 11:06	3/2/2024 9:00	1313.48	0
8068454	3/1/2024 11:06	3/1/2024 11:21	15	0
605186	3/1/2024 11:06	3/1/2024 19:56	530	0.77
198082	3/1/2024 11:06	3/1/2024 14:36	210	0
624716	3/1/2024 11:07	3/2/2024 9:00	1312.48	0.01
1432827	3/1/2024 11:07	3/1/2024 19:53	526	0.33
1431804	3/1/2024 11:07	3/1/2024 19:57	530	0
1518000	3/1/2024 11:07	3/1/2024 11:22	15	0
1332906	3/1/2024 11:07	3/1/2024 11:54	47	0
1573666	3/1/2024 11:08	3/1/2024 19:56	528	0

196965	3/1/2024 11:08	3/1/2024 19:52	524	0.12
1319739	3/1/2024 11:09	3/2/2024 9:00	1310.15	0
562856	3/1/2024 11:10	3/1/2024 20:01	531	0
1321663	3/1/2024 11:10	3/1/2024 19:49	519	0
197356	3/1/2024 11:10	3/1/2024 20:00	530	0
2032900	3/1/2024 11:12	3/1/2024 19:52	520	0
1493766	3/1/2024 11:13	3/1/2024 11:45	32	0
563241	3/1/2024 11:13	3/1/2024 19:52	519	0
10659831	3/1/2024 11:13	3/1/2024 11:55	42	0
587455	3/1/2024 11:14	3/1/2024 11:45	31	0
1393633	3/1/2024 11:14	3/1/2024 14:28	194	3.11
1385431	3/1/2024 11:15	3/1/2024 11:46	31	0.26
449377	3/1/2024 11:17	3/1/2024 11:27	10	0
563721	3/1/2024 11:17	3/1/2024 19:57	520	0
1624452	3/1/2024 11:18	3/1/2024 11:34	16	0
12378019	3/1/2024 11:18	3/1/2024 19:58	520	0
309944	3/1/2024 11:19	3/1/2024 19:59	520	2.72
971524	3/1/2024 11:19	3/1/2024 11:51	32	0
627018	3/1/2024 11:19	3/1/2024 11:51	32	0.08
280364	3/1/2024 11:19	3/1/2024 11:34	15	0
1513240	3/1/2024 11:20	3/1/2024 20:00	520	0.98
1267978	3/1/2024 11:20	3/1/2024 11:47	27	0
308622	3/1/2024 11:20	3/1/2024 20:00	520	0
8068454	3/1/2024 11:21	3/1/2024 11:37	16	0
308802	3/1/2024 11:21	3/1/2024 20:00	519	0
1518000	3/1/2024 11:22	3/1/2024 12:10	48	0
195666	3/1/2024 11:22	3/1/2024 14:36	194	0
281332	3/1/2024 11:22	3/1/2024 11:38	16	0
12377908	3/1/2024 11:22	3/1/2024 19:56	514	0.37
280780	3/1/2024 11:23	3/1/2024 12:29	66	0
308032	3/1/2024 11:23	3/1/2024 19:57	514	1.5
127206	3/1/2024 11:23	3/2/2024 9:00	1296.13	0
1554677	3/1/2024 11:24	3/1/2024 19:58	514	0
10393495	3/1/2024 11:24	3/1/2024 11:38	14	0
1555376	3/1/2024 11:25	3/1/2024 19:55	510	0
627289	3/1/2024 11:25	3/1/2024 11:51	26	0
449377	3/1/2024 11:27	3/1/2024 12:25	58	0
1288420	3/1/2024 11:28	3/1/2024 11:33	5	0
1064514	3/1/2024 11:30	3/1/2024 13:16	106	0
26864	3/1/2024 11:31	3/1/2024 19:55	504	0
1064575	3/1/2024 11:31	3/1/2024 13:15	104	0
1493132	3/1/2024 11:31	3/1/2024 11:48	17	0.43
427715	3/1/2024 11:32	3/1/2024 11:47	15	0
428411	3/1/2024 11:32	3/1/2024 11:48	16	0.26
352962	3/1/2024 11:32	3/1/2024 13:49	137	0.88
280749	3/1/2024 11:33	3/1/2024 19:55	502	0
1288420	3/1/2024 11:33	3/1/2024 11:59	26	0

1672784	3/1/2024 11:33	3/2/2024 9:00	1286.48	0.31
859747	3/1/2024 11:33	3/1/2024 11:49	16	0
449036	3/1/2024 11:33	3/1/2024 11:49	16	0.06
280364	3/1/2024 11:34	3/1/2024 20:01	507	0.07
276488	3/1/2024 11:34	3/1/2024 19:58	504	1.05
281235	3/1/2024 11:34	3/1/2024 14:50	196	0
1624452	3/1/2024 11:34	3/1/2024 12:16	42	0
450309	3/1/2024 11:34	3/1/2024 19:52	498	0
219948	3/1/2024 11:35	3/1/2024 12:01	26	0
1538577	3/1/2024 11:35	3/1/2024 19:59	504	0
4173986	3/1/2024 11:36	3/1/2024 19:55	499	0.24
274125	3/1/2024 11:36	3/1/2024 14:55	199	0
1539391	3/1/2024 11:36	3/1/2024 20:02	506	0.05
860281	3/1/2024 11:36	3/1/2024 11:52	16	0
8068454	3/1/2024 11:37	3/1/2024 12:35	58	0
500173	3/1/2024 11:37	3/1/2024 12:09	32	2.08
327311	3/1/2024 11:37	3/2/2024 9:00	1282.13	0
10393495	3/1/2024 11:38	3/1/2024 14:52	194	0
549617	3/1/2024 11:38	3/1/2024 13:40	122	0.21
801004	3/1/2024 11:38	3/1/2024 11:53	15	0
281332	3/1/2024 11:38	3/1/2024 15:38	240	0
2923717	3/1/2024 11:39	3/1/2024 12:10	31	0
1516579	3/1/2024 11:39	3/1/2024 11:54	15	0
1421188	3/1/2024 11:39	3/1/2024 14:20	161	0
10659208	3/1/2024 11:39	3/1/2024 19:57	498	0
800590	3/1/2024 11:39	3/1/2024 11:54	15	0
274059	3/1/2024 11:39	3/1/2024 14:48	189	0
6995795	3/1/2024 11:41	3/1/2024 15:28	227	0
800588	3/1/2024 11:41	3/1/2024 11:52	11	0
800600	3/1/2024 11:41	3/1/2024 11:51	10	0
1515733	3/1/2024 11:42	3/1/2024 11:57	15	0.23
381982	3/1/2024 11:42	3/1/2024 15:28	226	0
380736	3/1/2024 11:43	3/1/2024 15:28	225	0.04
7937779	3/1/2024 11:43	3/1/2024 12:57	74	0
549596	3/1/2024 11:44	3/1/2024 13:24	100	0
8910809	3/1/2024 11:44	3/1/2024 15:30	226	0
380057	3/1/2024 11:44	3/1/2024 19:59	495	0
1493766	3/1/2024 11:45	3/1/2024 12:01	16	0
1375642	3/1/2024 11:45	3/1/2024 12:58	73	0
587455	3/1/2024 11:45	3/1/2024 12:01	16	0
1385431	3/1/2024 11:46	3/1/2024 11:57	11	0
188639	3/1/2024 11:46	3/1/2024 15:01	195	0.01
10433250	3/1/2024 11:46	3/1/2024 12:59	73	0.26
427715	3/1/2024 11:47	3/1/2024 12:19	32	0
1267978	3/1/2024 11:47	3/1/2024 11:52	5	0
1041597	3/1/2024 11:47	3/1/2024 12:18	31	0
428411	3/1/2024 11:48	3/1/2024 12:19	31	0.2

55232	3/1/2024 11:48	3/1/2024 12:03	15	0
1493132	3/1/2024 11:48	3/1/2024 13:05	77	1.11
859747	3/1/2024 11:49	3/1/2024 12:04	15	0
1556434	3/1/2024 11:49	3/1/2024 12:05	16	0
449036	3/1/2024 11:49	3/1/2024 13:05	76	0.06
56196	3/1/2024 11:49	3/1/2024 12:05	16	0
500145	3/1/2024 11:50	3/1/2024 19:53	483	0
1417279	3/1/2024 11:50	3/1/2024 14:21	151	0
9063373	3/1/2024 11:50	3/1/2024 12:05	15	0
53030	3/1/2024 11:50	3/1/2024 12:00	10	0
1554218	3/1/2024 11:51	3/1/2024 12:07	16	0
1556243	3/1/2024 11:51	3/1/2024 12:02	11	0
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800600	3/1/2024 11:51	3/1/2024 12:07	16	0
971524	3/1/2024 11:51	3/1/2024 19:54	483	0
627289	3/1/2024 11:51	3/1/2024 19:54	483	0
627018	3/1/2024 11:51	3/1/2024 19:43	472	0.09
500322	3/1/2024 11:52	3/1/2024 20:00	488	0
1267978	3/1/2024 11:52	3/1/2024 12:08	16	0
860281	3/1/2024 11:52	3/1/2024 12:03	11	0
800588	3/1/2024 11:52	3/1/2024 12:07	15	0
1394324	3/1/2024 11:52	3/1/2024 12:07	15	0
12682110	3/1/2024 11:53	3/1/2024 14:25	152	0.1
801004	3/1/2024 11:53	3/1/2024 12:09	16	0
511266	3/1/2024 11:54	3/1/2024 14:26	152	0
1332906	3/1/2024 11:54	3/1/2024 13:07	73	0
1516579	3/1/2024 11:54	3/1/2024 12:10	16	0
800590	3/1/2024 11:54	3/1/2024 12:10	16	0
509102	3/1/2024 11:54	3/1/2024 14:26	152	0
506261	3/1/2024 11:54	3/1/2024 14:21	147	0
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1664433	3/1/2024 11:54	3/1/2024 13:21	87	0
507365	3/1/2024 11:55	3/1/2024 14:21	146	0
10659831	3/1/2024 11:55	3/1/2024 14:25	150	0
510522	3/1/2024 11:55	3/1/2024 14:23	148	0
510307	3/1/2024 11:56	3/1/2024 14:23	147	0
1515733	3/1/2024 11:57	3/1/2024 12:08	11	0.04
1385431	3/1/2024 11:57	3/1/2024 12:13	16	0
1288420	3/1/2024 11:59	3/1/2024 12:04	5	0
53030	3/1/2024 12:00	3/1/2024 13:05	65	0
8950281	3/1/2024 12:01	3/1/2024 13:06	65	0
587455	3/1/2024 12:01	3/1/2024 12:32	31	0
1493766	3/1/2024 12:01	3/1/2024 12:11	10	0
219948	3/1/2024 12:01	3/1/2024 19:48	467	0
1672745	3/1/2024 12:01	3/1/2024 12:33	32	0
1556243	3/1/2024 12:02	3/1/2024 12:34	32	0
51483	3/1/2024 12:02	3/1/2024 13:05	63	0

8434548	3/1/2024 12:02	3/1/2024 19:52	470	1.05
55232	3/1/2024 12:03	3/1/2024 13:01	58	0
860281	3/1/2024 12:03	3/1/2024 12:34	31	0
1288420	3/1/2024 12:04	3/1/2024 12:10	6	0
859747	3/1/2024 12:04	3/1/2024 12:36	32	0
1556434	3/1/2024 12:05	3/1/2024 14:53	168	0
56196	3/1/2024 12:05	3/1/2024 13:04	59	0
309961	3/1/2024 12:05	3/2/2024 9:00	1254.13	0
9063373	3/1/2024 12:05	3/1/2024 14:06	121	0
800600	3/1/2024 12:07	3/2/2024 9:00	1252.83	0
1554218	3/1/2024 12:07	3/1/2024 12:33	26	0
1556486	3/1/2024 12:07	3/1/2024 14:51	164	0
800588	3/1/2024 12:07	3/2/2024 9:00	1252.83	0
1394324	3/1/2024 12:07	3/1/2024 14:03	116	0
1267978	3/1/2024 12:08	3/1/2024 12:50	42	0
1515733	3/1/2024 12:08	3/1/2024 14:08	120	0.01
308959	3/1/2024 12:08	3/2/2024 9:00	1251.13	0.01
801004	3/1/2024 12:09	3/2/2024 9:00	1250.83	0
500173	3/1/2024 12:09	3/1/2024 14:36	147	0.06
1516997	3/1/2024 12:09	3/1/2024 14:10	121	0.07
1516432	3/1/2024 12:09	3/1/2024 14:09	120	0.05
1516579	3/1/2024 12:10	3/1/2024 14:11	121	0
1518000	3/1/2024 12:10	3/1/2024 14:10	120	0
1517291	3/1/2024 12:10	3/1/2024 14:10	120	0
2923717	3/1/2024 12:10	3/1/2024 19:57	467	0
800590	3/1/2024 12:10	3/2/2024 9:00	1249.83	0
1288420	3/1/2024 12:10	3/1/2024 12:15	5	0
1689730	3/1/2024 12:11	3/1/2024 19:56	465	0.31
1493766	3/1/2024 12:11	3/1/2024 14:43	152	0
1517239	3/1/2024 12:11	3/1/2024 14:42	151	0
1517747	3/1/2024 12:12	3/1/2024 14:08	116	0.04
1385431	3/1/2024 12:13	3/1/2024 14:43	150	0
1288420	3/1/2024 12:15	3/1/2024 12:25	10	0
1624452	3/1/2024 12:16	3/1/2024 14:16	120	0
1041597	3/1/2024 12:18	3/1/2024 14:29	131	0
330528	3/1/2024 12:18	3/1/2024 19:18	420	0
427715	3/1/2024 12:19	3/1/2024 19:56	457	0
428411	3/1/2024 12:19	3/1/2024 19:56	457	0.16
449377	3/1/2024 12:25	3/1/2024 13:05	40	0
1288420	3/1/2024 12:25	3/1/2024 12:31	6	0
280780	3/1/2024 12:29	3/1/2024 19:54	445	0
1288420	3/1/2024 12:31	3/1/2024 13:30	59	0
587455	3/1/2024 12:32	3/1/2024 14:17	105	0
1554218	3/1/2024 12:33	3/1/2024 13:52	79	0
1672745	3/1/2024 12:33	3/1/2024 16:03	210	0
1556243	3/1/2024 12:34	3/1/2024 15:06	152	0
860281	3/1/2024 12:34	3/1/2024 14:19	105	0

916441	3/1/2024 12:35	3/2/2024 9:00	1224.83	0
8068454	3/1/2024 12:35	3/1/2024 14:04	89	0
859747	3/1/2024 12:36	3/1/2024 14:21	105	0
204963	3/1/2024 12:37	3/1/2024 19:58	441	0
204700	3/1/2024 12:38	3/1/2024 19:54	436	0
903630	3/1/2024 12:39	3/2/2024 9:00	1220.83	0
1267978	3/1/2024 12:50	3/1/2024 13:37	47	0
1400258	3/1/2024 12:57	3/1/2024 13:26	29	0
7937779	3/1/2024 12:57	3/1/2024 14:28	91	0
1375642	3/1/2024 12:58	3/1/2024 14:28	90	0
10433250	3/1/2024 12:59	3/1/2024 14:13	74	0
55232	3/1/2024 13:01	3/2/2024 9:00	1198.13	0
56196	3/1/2024 13:04	3/1/2024 14:47	103	0
449377	3/1/2024 13:05	3/1/2024 13:11	6	0
190372	3/1/2024 13:05	3/2/2024 9:00	1194.13	0
449036	3/1/2024 13:05	3/1/2024 13:50	45	0.13
54282	3/1/2024 13:05	3/2/2024 9:00	1194.13	0
51483	3/1/2024 13:05	3/1/2024 14:50	105	0
1493132	3/1/2024 13:05	3/1/2024 14:30	85	0
53030	3/1/2024 13:05	3/2/2024 9:00	1194.13	0
8950281	3/1/2024 13:06	3/1/2024 14:48	102	0
926657	3/1/2024 13:06	3/2/2024 9:00	1193.83	0
1332906	3/1/2024 13:07	3/1/2024 14:21	74	0
926638	3/1/2024 13:09	3/2/2024 9:00	1190.83	0
449377	3/1/2024 13:11	3/1/2024 14:05	54	0
1525423	3/1/2024 13:11	3/2/2024 9:00	1188.93	0
1064575	3/1/2024 13:15	3/1/2024 13:57	42	0
1064514	3/1/2024 13:16	3/1/2024 14:03	47	0
1664433	3/1/2024 13:21	3/1/2024 15:37	136	0
660265	3/1/2024 13:23	3/1/2024 19:51	388	0
549596	3/1/2024 13:24	3/1/2024 19:57	393	0
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8511623	3/1/2024 13:27	3/1/2024 19:56	389	0
1288420	3/1/2024 13:30	3/1/2024 13:35	5	0
1288420	3/1/2024 13:35	3/1/2024 13:41	6	0
1267978	3/1/2024 13:37	3/1/2024 14:09	32	0
549617	3/1/2024 13:40	3/1/2024 19:53	373	0.08
1288420	3/1/2024 13:41	3/1/2024 13:46	5	0
1288420	3/1/2024 13:46	3/1/2024 13:56	10	0
352962	3/1/2024 13:49	3/1/2024 19:56	367	0.03
449036	3/1/2024 13:50	3/1/2024 14:21	31	0
105666	3/1/2024 13:50	3/2/2024 9:00	1149.13	0
1554218	3/1/2024 13:52	3/1/2024 15:06	74	0
1288420	3/1/2024 13:56	3/1/2024 14:01	5	0
1064575	3/1/2024 13:57	3/1/2024 14:44	47	0
1288420	3/1/2024 14:01	3/1/2024 14:28	27	0
1394324	3/1/2024 14:03	3/1/2024 14:19	16	0

1064514	3/1/2024 14:03	3/1/2024 14:45	42	0
8068454	3/1/2024 14:04	3/1/2024 14:20	16	0
328113	3/1/2024 14:05	3/1/2024 19:57	352	0
449377	3/1/2024 14:05	3/1/2024 14:10	5	0
447406	3/1/2024 14:05	3/1/2024 14:36	31	0
1584264	3/1/2024 14:06	3/1/2024 19:58	352	0
9063373	3/1/2024 14:06	3/1/2024 14:22	16	0
645339	3/1/2024 14:07	3/1/2024 14:38	31	0
1517747	3/1/2024 14:08	3/1/2024 14:29	21	0.11
1515733	3/1/2024 14:08	3/1/2024 14:24	16	0
1516432	3/1/2024 14:09	3/1/2024 14:24	15	0
1267978	3/1/2024 14:09	3/1/2024 15:38	89	0
449377	3/1/2024 14:10	3/1/2024 14:20	10	0
1518000	3/1/2024 14:10	3/1/2024 14:41	31	0
1517291	3/1/2024 14:10	3/1/2024 14:26	16	0
1516997	3/1/2024 14:10	3/1/2024 14:25	15	0
1641091	3/1/2024 14:11	3/1/2024 20:03	352	0
1516579	3/1/2024 14:11	3/1/2024 14:27	16	0
646026	3/1/2024 14:11	3/1/2024 14:37	26	0
1523524	3/1/2024 14:11	3/1/2024 20:02	351	0
6714863	3/1/2024 14:12	3/1/2024 14:43	31	0
1376158	3/1/2024 14:12	3/1/2024 19:59	347	0
793285	3/1/2024 14:12	3/1/2024 14:38	26	0
790670	3/1/2024 14:12	3/1/2024 14:38	26	0
10433250	3/1/2024 14:13	3/1/2024 14:44	31	0
259674	3/1/2024 14:16	3/1/2024 19:52	336	0
1624452	3/1/2024 14:16	3/1/2024 14:48	32	0
587455	3/1/2024 14:17	3/1/2024 14:28	11	0
852287	3/1/2024 14:18	3/1/2024 19:59	341	0
70866	3/1/2024 14:18	3/1/2024 14:34	16	0
68620	3/1/2024 14:19	3/1/2024 19:59	340	0
1394324	3/1/2024 14:19	3/1/2024 14:34	15	0
860281	3/1/2024 14:19	3/1/2024 15:06	47	0
852125	3/1/2024 14:20	3/1/2024 20:00	340.52	0
69207	3/1/2024 14:20	3/1/2024 20:01	341	0
1421188	3/1/2024 14:20	3/1/2024 19:56	336	0
8068454	3/1/2024 14:20	3/1/2024 14:35	15	0
449377	3/1/2024 14:20	3/1/2024 15:16	56	0
1417279	3/1/2024 14:21	3/1/2024 14:37	16	0
852071	3/1/2024 14:21	3/1/2024 19:56	335.52	0
506261	3/1/2024 14:21	3/1/2024 14:43	22	0
859747	3/1/2024 14:21	3/1/2024 15:03	42	0
1332906	3/1/2024 14:21	3/1/2024 14:36	15	0
507365	3/1/2024 14:21	3/1/2024 14:38	17	0
449036	3/1/2024 14:21	3/1/2024 14:32	11	0
1511251	3/1/2024 14:22	3/1/2024 14:38	16	0
9063373	3/1/2024 14:22	3/1/2024 14:33	11	0

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1516432	3/1/2024 14:24	3/1/2024 14:39	15	0
564518	3/1/2024 14:24	3/1/2024 14:39	15	0
12682110	3/1/2024 14:25	3/1/2024 14:36	11	0
10659831	3/1/2024 14:25	3/1/2024 14:41	16	0
1516997	3/1/2024 14:25	3/1/2024 14:41	16	0
509102	3/1/2024 14:26	3/1/2024 14:37	11	0
1517291	3/1/2024 14:26	3/1/2024 14:42	16	0
511266	3/1/2024 14:26	3/1/2024 14:36	10	0
1511532	3/1/2024 14:26	3/1/2024 14:42	16	0
511223	3/1/2024 14:26	3/1/2024 14:37	11	0
1400258	3/1/2024 14:27	3/1/2024 14:42	15	0
1494722	3/1/2024 14:27	3/1/2024 14:42	15	0
1516579	3/1/2024 14:27	3/1/2024 14:37	10	0
7937779	3/1/2024 14:28	3/1/2024 14:44	16	0
1288420	3/1/2024 14:28	3/1/2024 14:33	5	0
587455	3/1/2024 14:28	3/1/2024 14:44	16	0
1375642	3/1/2024 14:28	3/1/2024 14:43	15	0
1393633	3/1/2024 14:28	3/1/2024 14:44	16	0
1041597	3/1/2024 14:29	3/1/2024 14:45	16	0
1517747	3/1/2024 14:29	3/1/2024 14:39	10	0
1493132	3/1/2024 14:30	3/1/2024 14:46	16	0
1393699	3/1/2024 14:30	3/1/2024 14:46	16	0
353651	3/1/2024 14:30	3/1/2024 15:00	30	0
353082	3/1/2024 14:31	3/1/2024 14:57	26	0
449036	3/1/2024 14:32	3/1/2024 15:03	31	0
1190246	3/1/2024 14:32	3/1/2024 14:48	16	0
9063373	3/1/2024 14:33	3/1/2024 19:58	325	0
1288420	3/1/2024 14:33	3/1/2024 14:43	10	0
1394324	3/1/2024 14:34	3/1/2024 20:00	326	0
70866	3/1/2024 14:34	3/1/2024 19:54	320	0
445867	3/1/2024 14:34	3/1/2024 19:59	325	0
495335	3/1/2024 14:34	3/1/2024 19:59	325	0
8068454	3/1/2024 14:35	3/1/2024 20:01	326	0
446329	3/1/2024 14:36	3/1/2024 19:58	322	0
1332906	3/1/2024 14:36	3/1/2024 19:52	316	0
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12682110	3/1/2024 14:36	3/1/2024 19:56	320	0
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500173	3/1/2024 14:36	3/1/2024 19:51	315	0
1638308	3/1/2024 14:36	3/1/2024 14:52	16	0
198082	3/1/2024 14:36	3/1/2024 20:02	326	0
447406	3/1/2024 14:36	3/1/2024 16:11	95	0

195666	3/1/2024 14:36	3/1/2024 19:57	321	0
1638479	3/1/2024 14:37	3/1/2024 14:53	16	0
509102	3/1/2024 14:37	3/1/2024 19:57	320	0
1516579	3/1/2024 14:37	3/1/2024 19:56	319	0
646026	3/1/2024 14:37	3/1/2024 19:52	315	0
1417279	3/1/2024 14:37	3/1/2024 19:52	315	0
511223	3/1/2024 14:37	3/1/2024 19:52	315	0
645339	3/1/2024 14:38	3/1/2024 19:58	320	0
790670	3/1/2024 14:38	3/1/2024 19:52	314.52	0
1511264	3/1/2024 14:38	3/1/2024 20:52	374	0.05
507365	3/1/2024 14:38	3/1/2024 19:57	319	0
495611	3/1/2024 14:38	3/1/2024 19:58	320	0
1511251	3/1/2024 14:38	3/1/2024 20:52	374	0
793285	3/1/2024 14:38	3/1/2024 19:53	315	0
510522	3/1/2024 14:39	3/1/2024 19:54	315	0
1517747	3/1/2024 14:39	3/1/2024 20:05	326	0
1516432	3/1/2024 14:39	3/1/2024 19:59	320	0
510307	3/1/2024 14:39	3/1/2024 19:54	315	0
564518	3/1/2024 14:39	3/1/2024 19:54	315	0
7932279	3/1/2024 14:39	3/1/2024 14:54	15	0
1508563	3/1/2024 14:40	3/1/2024 19:49	309	0
1515733	3/1/2024 14:40	3/1/2024 20:00	320	0
658177	3/1/2024 14:40	3/1/2024 19:49	309.52	0
10659831	3/1/2024 14:41	3/1/2024 19:59	318	0
1518000	3/1/2024 14:41	3/1/2024 19:55	314	0
237266	3/1/2024 14:41	3/1/2024 19:50	309	0
1516997	3/1/2024 14:41	3/1/2024 19:56	315	0
237177	3/1/2024 14:41	3/1/2024 19:56	315	0
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506261	3/1/2024 14:43	3/1/2024 19:52	309	0.14
6714863	3/1/2024 14:43	3/1/2024 19:57	314.52	0.12
1288420	3/1/2024 14:43	3/1/2024 14:49	6	0
1493766	3/1/2024 14:43	3/1/2024 19:53	310	0
1385431	3/1/2024 14:43	3/1/2024 19:58	315	0
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587455	3/1/2024 14:44	3/1/2024 19:53	309	0
7937779	3/1/2024 14:44	3/1/2024 19:53	309	0
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1288420	3/1/2024 14:49	3/1/2024 14:59	10	0
281235	3/1/2024 14:50	3/1/2024 19:59	309	0
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860281	3/1/2024 15:06	3/1/2024 19:54	288.52	0
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449377	3/1/2024 15:16	3/1/2024 15:32	16	0
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380736	3/1/2024 15:28	3/1/2024 20:36	308	0

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7879030	3/1/2024 15:30	3/1/2024 19:52	262	0
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1326419	3/1/2024 15:35	3/1/2024 15:50	15	0
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1325831	3/1/2024 15:42	3/1/2024 19:49	247	0
1288420	3/1/2024 15:46	3/1/2024 15:57	11	0
469018	3/1/2024 15:47	3/1/2024 19:54	247	0
1326419	3/1/2024 15:50	3/1/2024 19:57	247	0
1288420	3/1/2024 15:57	3/1/2024 16:02	5	0
1288420	3/1/2024 16:02	3/1/2024 16:13	11	0
1672745	3/1/2024 16:03	3/1/2024 19:59	236	0
1405153	3/1/2024 16:11	3/1/2024 19:52	221	0
447406	3/1/2024 16:11	3/1/2024 19:56	225	0
1288420	3/1/2024 16:13	3/1/2024 16:19	6	0
449377	3/1/2024 16:13	3/1/2024 17:43	90	0
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1597556	3/1/2024 16:40	3/1/2024 19:54	194	0
1349083	3/1/2024 16:41	3/1/2024 19:55	194	0
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627018	3/1/2024 19:43	3/2/2024 9:00	796.48	0
1701172	3/1/2024 19:44	3/2/2024 9:00	795.15	0
1654064	3/1/2024 19:45	3/2/2024 9:00	794.27	0
989956	3/1/2024 19:46	3/2/2024 9:00	793.27	0
385332	3/1/2024 19:46	3/2/2024 9:00	793.48	0
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219948	3/1/2024 19:48	3/2/2024 9:00	791.13	0
29848	3/1/2024 19:48	3/2/2024 9:00	791.13	0
416557	3/1/2024 19:48	3/2/2024 9:00	791.48	0

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264379	3/1/2024 19:49	3/2/2024 9:00	790.13	0
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1325831	3/1/2024 19:49	3/2/2024 9:00	790.15	0
319726	3/1/2024 19:49	3/2/2024 9:00	790.13	0
1321663	3/1/2024 19:49	3/2/2024 9:00	790.15	0
658177	3/1/2024 19:49	3/2/2024 9:00	790.32	0
1320845	3/1/2024 19:49	3/2/2024 9:00	790.15	0
1064514	3/1/2024 19:49	3/2/2024 9:00	790.27	0
1320008	3/1/2024 19:50	3/2/2024 9:00	789.15	0
237266	3/1/2024 19:50	3/2/2024 9:00	789.13	0
1412757	3/1/2024 19:50	3/2/2024 9:00	789.15	0
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1320619	3/1/2024 19:51	3/2/2024 9:00	788.15	0
955448	3/1/2024 19:51	3/2/2024 9:00	788.27	0
500173	3/1/2024 19:51	3/2/2024 9:00	788.48	0
314899	3/1/2024 19:51	3/2/2024 9:00	788.13	0
317797	3/1/2024 19:51	3/2/2024 9:00	788.13	0
1321605	3/1/2024 19:51	3/2/2024 9:00	788.15	0
956125	3/1/2024 19:51	3/2/2024 9:00	788.27	0
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1321114	3/1/2024 19:51	3/2/2024 9:00	788.15	0
278472	3/1/2024 19:51	3/2/2024 9:00	788.13	0
660265	3/1/2024 19:51	3/2/2024 9:00	788.83	0
1265778	3/1/2024 19:52	3/2/2024 9:00	787.15	0
8434548	3/1/2024 19:52	3/2/2024 9:00	787.13	0
25674	3/1/2024 19:52	3/2/2024 9:00	787.13	0
2032900	3/1/2024 19:52	3/2/2024 9:00	787.15	0
511223	3/1/2024 19:52	3/2/2024 9:00	787.48	0
8910809	3/1/2024 19:52	3/2/2024 9:00	787.48	0
317233	3/1/2024 19:52	3/2/2024 9:00	787.13	0
1417279	3/1/2024 19:52	3/2/2024 9:00	787.15	0
1452193	3/1/2024 19:52	3/2/2024 9:00	787.93	0
315169	3/1/2024 19:52	3/2/2024 9:00	787.13	0
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593798	3/1/2024 19:52	3/2/2024 9:00	787.48	0
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790670	3/1/2024 19:52	3/2/2024 9:00	787.32	0
646026	3/1/2024 19:52	3/2/2024 9:00	787.48	0
506261	3/1/2024 19:52	3/2/2024 9:00	787.48	0
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196965	3/1/2024 19:52	3/2/2024 9:00	787.13	0
1405153	3/1/2024 19:52	3/2/2024 9:00	787.15	0

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1332906	3/1/2024 19:52	3/2/2024 9:00	787.15	0
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8950281	3/1/2024 19:53	3/2/2024 9:00	786.13	0
1393633	3/1/2024 19:53	3/2/2024 9:00	786.15	0
1503634	3/1/2024 19:53	3/2/2024 9:00	786.15	0
1493766	3/1/2024 19:53	3/2/2024 9:00	786.15	0
1432827	3/1/2024 19:53	3/2/2024 9:00	786.93	0
274059	3/1/2024 19:53	3/2/2024 9:00	786.13	0
7937779	3/1/2024 19:53	3/2/2024 9:00	786.15	0
68308	3/1/2024 19:53	3/2/2024 9:00	786.13	0
500145	3/1/2024 19:53	3/2/2024 9:00	786.48	0
793285	3/1/2024 19:53	3/2/2024 9:00	786.83	0
8206792	3/1/2024 19:53	3/2/2024 9:00	786.93	0
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549617	3/1/2024 19:53	3/2/2024 9:00	786.48	0
587455	3/1/2024 19:53	3/2/2024 9:00	786.48	0
197690	3/1/2024 19:53	3/2/2024 9:00	786.13	0
800576	3/1/2024 19:53	3/2/2024 9:00	786.83	0
196408	3/1/2024 19:53	3/2/2024 9:00	786.13	0
1064575	3/1/2024 19:54	3/2/2024 9:00	785.27	0
564518	3/1/2024 19:54	3/2/2024 9:00	785.48	0
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8524544	3/1/2024 19:54	3/2/2024 9:00	785.13	0
553863	3/1/2024 19:54	3/2/2024 9:00	785.48	0
469018	3/1/2024 19:54	3/2/2024 9:00	785.48	0
7932279	3/1/2024 19:54	3/2/2024 9:00	785.93	0
204700	3/1/2024 19:54	3/2/2024 9:00	785.13	0
664453	3/1/2024 19:54	3/2/2024 9:00	785.32	0
1320646	3/1/2024 19:54	3/2/2024 9:00	785.15	0
10433250	3/1/2024 19:54	3/2/2024 9:00	785.15	0
51483	3/1/2024 19:54	3/2/2024 9:00	785.13	0
510522	3/1/2024 19:54	3/2/2024 9:00	785.48	0
627289	3/1/2024 19:54	3/2/2024 9:00	785.48	0
510307	3/1/2024 19:54	3/2/2024 9:00	785.48	0
971524	3/1/2024 19:54	3/2/2024 9:00	785.48	0
8104722	3/1/2024 19:54	3/2/2024 9:00	785.13	0
29635	3/1/2024 19:54	3/2/2024 9:00	785.13	0
1599209	3/1/2024 19:54	3/2/2024 9:00	785.93	0
280780	3/1/2024 19:54	3/2/2024 9:00	785.13	0
860281	3/1/2024 19:54	3/2/2024 9:00	785.32	0
70866	3/1/2024 19:54	3/2/2024 9:00	785.13	0
195839	3/1/2024 19:54	3/2/2024 9:00	785.13	0
1597556	3/1/2024 19:54	3/2/2024 9:00	785.93	0
415195	3/1/2024 19:55	3/2/2024 9:00	784.48	0
1041597	3/1/2024 19:55	3/2/2024 9:00	784.27	0

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1556486	3/1/2024 19:55	3/2/2024 9:00	784.93	0
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957216	3/1/2024 19:55	3/2/2024 9:00	784.27	0
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169731	3/1/2024 19:55	3/2/2024 9:00	784.13	0
6995795	3/1/2024 19:55	3/2/2024 9:00	784.48	0
1445317	3/1/2024 19:55	3/2/2024 9:00	784.93	0
449377	3/1/2024 19:55	3/1/2024 20:00	5	0
280749	3/1/2024 19:55	3/2/2024 9:00	784.13	0
26864	3/1/2024 19:55	3/2/2024 9:00	784.13	0
1555376	3/1/2024 19:55	3/2/2024 9:00	784.93	0
552210	3/1/2024 19:55	3/2/2024 9:00	784.48	0
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49209	3/1/2024 19:55	3/2/2024 9:00	784.13	0
47769	3/1/2024 19:55	3/2/2024 9:00	784.13	0
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6280623	3/1/2024 19:55	3/2/2024 9:00	784.13	0
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353082	3/1/2024 19:56	3/2/2024 9:00	783.13	0
197883	3/1/2024 19:56	3/2/2024 9:00	783.13	0
1453263	3/1/2024 19:56	3/2/2024 9:00	783.93	0
1310926	3/1/2024 19:56	3/2/2024 9:00	783.15	0
1466357	3/1/2024 19:56	3/2/2024 9:00	783.93	0
183822	3/1/2024 19:56	3/2/2024 9:00	783.13	0
447406	3/1/2024 19:56	3/2/2024 9:00	783.48	0
174362	3/1/2024 19:56	3/2/2024 9:00	783.13	0
605186	3/1/2024 19:56	3/2/2024 9:00	783.48	0
1516579	3/1/2024 19:56	3/2/2024 9:00	783.93	0
352962	3/1/2024 19:56	3/2/2024 9:00	783.13	0
34613	3/1/2024 19:56	3/2/2024 9:00	783.13	0
852071	3/1/2024 19:56	3/2/2024 9:00	783.32	0
523489	3/1/2024 19:56	3/2/2024 9:00	783.13	0
12377908	3/1/2024 19:56	3/2/2024 9:00	783.13	0
1573666	3/1/2024 19:56	3/2/2024 9:00	783.93	0
11081884	3/1/2024 19:56	3/2/2024 9:00	783.13	0
1689730	3/1/2024 19:56	3/2/2024 9:00	783.08	0
427715	3/1/2024 19:56	3/2/2024 9:00	783.48	0
428411	3/1/2024 19:56	3/2/2024 9:00	783.48	0
1516997	3/1/2024 19:56	3/2/2024 9:00	783.93	0
1430553	3/1/2024 19:56	3/2/2024 9:00	783.93	0
320966	3/1/2024 19:56	3/2/2024 9:00	783.13	0

1683861	3/1/2024 19:56	3/2/2024 9:00	783.13	0
1307027	3/1/2024 19:56	3/2/2024 9:00	783.15	0
237177	3/1/2024 19:56	3/2/2024 9:00	783.13	0
1421188	3/1/2024 19:56	3/2/2024 9:00	783.15	0
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859747	3/1/2024 19:57	3/2/2024 9:00	782.83	0
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1430294	3/1/2024 19:57	3/2/2024 9:00	782.93	0
1267978	3/1/2024 19:57	3/2/2024 9:00	782.27	0
1546695	3/1/2024 19:57	3/2/2024 9:00	782.93	0
1509486	3/1/2024 19:57	3/2/2024 9:00	782.93	0
449036	3/1/2024 19:57	3/2/2024 9:00	782.48	0
23462	3/1/2024 19:57	3/2/2024 9:00	782.13	0
328113	3/1/2024 19:57	3/2/2024 9:00	782.13	0
509102	3/1/2024 19:57	3/2/2024 9:00	782.48	0
1451744	3/1/2024 19:57	3/2/2024 9:00	782.93	0
507365	3/1/2024 19:57	3/2/2024 9:00	782.48	0
2923717	3/1/2024 19:57	3/2/2024 9:00	782.48	0
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1326419	3/1/2024 19:57	3/2/2024 9:00	782.15	0
314188	3/1/2024 19:57	3/2/2024 9:00	782.13	0
27443	3/1/2024 19:57	3/2/2024 9:00	782.13	0
238732	3/1/2024 19:57	3/2/2024 9:00	782.13	0
1511532	3/1/2024 19:57	3/2/2024 9:00	782.93	0
6714863	3/1/2024 19:57	3/2/2024 9:00	782.32	0
195666	3/1/2024 19:57	3/2/2024 9:00	782.13	0
56196	3/1/2024 19:57	3/2/2024 9:00	782.13	0
549596	3/1/2024 19:57	3/2/2024 9:00	782.48	0
1430644	3/1/2024 19:57	3/2/2024 9:00	782.93	0
1348976	3/1/2024 19:57	3/2/2024 9:00	782.15	0
308032	3/1/2024 19:57	3/2/2024 9:00	782.13	0
511266	3/1/2024 19:57	3/2/2024 9:00	782.48	0
957615	3/1/2024 19:57	3/2/2024 9:00	782.27	0
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27483	3/1/2024 19:58	3/2/2024 9:00	781.13	0
381982	3/1/2024 19:58	3/2/2024 9:00	781.48	0
34887	3/1/2024 19:58	3/2/2024 9:00	781.13	0
1624452	3/1/2024 19:58	3/2/2024 9:00	781.93	0
315730	3/1/2024 19:58	3/2/2024 9:00	781.13	0
495611	3/1/2024 19:58	3/2/2024 9:00	781.48	0
12378019	3/1/2024 19:58	3/2/2024 9:00	781.13	0
1584264	3/1/2024 19:58	3/2/2024 9:00	781.93	0
975066	3/1/2024 19:58	3/2/2024 9:00	781.27	0
1513398	3/1/2024 19:58	3/2/2024 9:00	781.93	0
645339	3/1/2024 19:58	3/2/2024 9:00	781.48	0

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1190246	3/1/2024 19:58	3/2/2024 9:00	781.15	0
204963	3/1/2024 19:58	3/2/2024 9:00	781.13	0
1514004	3/1/2024 19:58	3/2/2024 9:00	781.93	0
9063373	3/1/2024 19:58	3/2/2024 9:00	781.15	0
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10013697	3/1/2024 19:58	3/2/2024 9:00	781.93	0
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1375642	3/1/2024 19:58	3/2/2024 9:00	781.15	0
1450250	3/1/2024 19:58	3/2/2024 9:00	781.93	0
1376158	3/1/2024 19:59	3/2/2024 9:00	780.15	0
1538577	3/1/2024 19:59	3/2/2024 9:00	780.93	0
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316997	3/1/2024 19:59	3/2/2024 9:00	780.13	0
68620	3/1/2024 19:59	3/2/2024 9:00	780.13	0
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10659831	3/1/2024 19:59	3/2/2024 9:00	780.93	0
34832	3/1/2024 19:59	3/2/2024 9:00	780.13	0
1664433	3/1/2024 19:59	3/2/2024 9:00	780.83	0
1672745	3/1/2024 19:59	3/2/2024 9:00	780.48	0
380057	3/1/2024 19:59	3/2/2024 9:00	780.48	0
495335	3/1/2024 19:59	3/2/2024 9:00	780.48	0
852287	3/1/2024 19:59	3/2/2024 9:00	780.83	0
445867	3/1/2024 19:59	3/2/2024 9:00	780.48	0
1516432	3/1/2024 19:59	3/2/2024 9:00	780.93	0
852125	3/1/2024 20:00	3/2/2024 9:00	779.32	0
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1513240	3/1/2024 20:00	3/2/2024 9:00	779.93	0
500322	3/1/2024 20:00	3/2/2024 9:00	779.48	0
197356	3/1/2024 20:00	3/2/2024 9:00	779.13	0
308802	3/1/2024 20:00	3/2/2024 9:00	779.13	0
1394324	3/1/2024 20:00	3/2/2024 9:00	779.15	0
316971	3/1/2024 20:00	3/2/2024 9:00	779.13	0
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553755	3/1/2024 20:00	3/2/2024 9:00	779.48	0
1554218	3/1/2024 20:00	3/2/2024 9:00	779.93	0
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313269	3/1/2024 20:00	3/2/2024 9:00	779.13	0
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69207	3/1/2024 20:01	3/2/2024 9:00	778.13	0
274125	3/1/2024 20:01	3/2/2024 9:00	778.13	0

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237312	3/1/2024 20:01	3/2/2024 9:00	778.13	0
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1604432	3/1/2024 20:01	3/2/2024 9:00	778.93	0
1493132	3/1/2024 20:01	3/2/2024 9:00	778.15	0
562856	3/1/2024 20:01	3/2/2024 9:00	778.48	0
317084	3/1/2024 20:01	3/2/2024 9:00	778.13	0
1494722	3/1/2024 20:01	3/2/2024 9:00	778.15	0
198082	3/1/2024 20:02	3/2/2024 9:00	777.13	0
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35442	3/1/2024 20:03	3/2/2024 9:00	776.13	0
1464949	3/1/2024 20:03	3/2/2024 9:00	776.93	0
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1576533	3/1/2024 20:03	3/2/2024 9:00	776.93	0
1641091	3/1/2024 20:03	3/2/2024 9:00	776.93	0
1556434	3/1/2024 20:03	3/2/2024 9:00	776.93	0
574993	3/1/2024 20:03	3/2/2024 9:00	776.48	0
1515678	3/1/2024 20:03	3/2/2024 9:00	776.93	0
1430838	3/1/2024 20:04	3/2/2024 9:00	775.93	0
1517747	3/1/2024 20:05	3/2/2024 9:00	774.93	0
30471	3/1/2024 20:06	3/2/2024 9:00	773.13	0
1638359	3/1/2024 20:06	3/2/2024 9:00	773.93	0
1638308	3/1/2024 20:06	3/2/2024 9:00	773.93	0
1602630	3/1/2024 20:07	3/2/2024 9:00	772.93	0
1517291	3/1/2024 20:07	3/2/2024 9:00	772.93	0
1638479	3/1/2024 20:07	3/2/2024 9:00	772.93	0
326028	3/1/2024 20:33	3/2/2024 9:00	746.13	0
380736	3/1/2024 20:36	3/2/2024 9:00	743.48	0
449377	3/1/2024 20:49	3/1/2024 21:17	28	0
1511251	3/1/2024 20:52	3/2/2024 9:00	727.93	0
1511264	3/1/2024 20:52	3/2/2024 9:00	727.93	0
593397	3/1/2024 21:00	3/2/2024 9:00	719.48	0
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449377	3/1/2024 23:18	3/1/2024 23:59	41	0
449377	3/1/2024 23:59	3/2/2024 0:31	32	0
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449377	3/2/2024 1:52	3/2/2024 2:02	10	0
449377	3/2/2024 2:02	3/2/2024 2:28	26	0

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449377	3/2/2024 2:55	3/2/2024 3:46	51	0
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449377	3/2/2024 7:21	3/2/2024 7:43	22	0
449377	3/2/2024 7:43	3/2/2024 8:04	21	0
449377	3/2/2024 8:04	3/2/2024 8:36	32	0
449377	3/2/2024 8:36	3/2/2024 9:00	23.48	0
1413046	3/2/2024 9:00	3/3/2024 9:00	1439.15	0
554089	3/2/2024 9:00	3/3/2024 9:00	1439.48	0
1516579	3/2/2024 9:00	3/3/2024 9:00	1439.93	0
444688	3/2/2024 9:00	3/3/2024 9:00	1439.48	0
664030	3/2/2024 9:00	3/2/2024 23:04	844	0
10659831	3/2/2024 9:00	3/2/2024 10:39	99	0
562202	3/2/2024 9:00	3/3/2024 9:00	1439.48	0
8724096	3/2/2024 9:00	3/3/2024 9:00	1439.15	0
1349766	3/2/2024 9:00	3/2/2024 15:44	404	0
1516786	3/2/2024 9:00	3/3/2024 9:00	1439.93	0
1288420	3/2/2024 9:00	3/3/2024 9:00	1439.15	0
319279	3/2/2024 9:00	3/3/2024 9:00	1439.13	0
10714479	3/2/2024 9:00	3/3/2024 9:00	1439.93	0
7879030	3/2/2024 9:00	3/3/2024 9:00	1439.48	0
447406	3/2/2024 9:00	3/2/2024 14:53	353	0
8950281	3/2/2024 9:00	3/3/2024 9:00	1439.13	0
1352388	3/2/2024 9:00	3/3/2024 9:00	1439.15	0
675499	3/2/2024 9:00	3/2/2024 11:26	146	0
326028	3/2/2024 9:00	3/3/2024 0:16	916	0
1348731	3/2/2024 9:00	3/3/2024 9:00	1439.15	0
353728	3/2/2024 9:00	3/3/2024 7:54	1374	0
1453263	3/2/2024 9:00	3/2/2024 10:54	114	0
96751	3/2/2024 9:00	3/3/2024 9:00	1439.13	0
10222019	3/2/2024 9:00	3/3/2024 9:00	1439.15	0
1664433	3/2/2024 9:00	3/2/2024 10:04	64	0
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280887	3/2/2024 9:04	3/2/2024 11:37	153	0
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280878	3/2/2024 9:06	3/2/2024 11:33	147	0
811953	3/2/2024 9:06	3/3/2024 9:00	1433.83	0
7937779	3/2/2024 9:06	3/2/2024 15:45	399	0
1366197	3/2/2024 9:07	3/3/2024 9:00	1432.15	0
202435	3/2/2024 9:07	3/3/2024 9:00	1432.13	0
1394324	3/2/2024 9:07	3/2/2024 20:04	657	0
345752	3/2/2024 9:07	3/3/2024 9:00	1432.13	0

1469270	3/2/2024 9:09	3/2/2024 20:05	656	0
12682110	3/2/2024 9:09	3/2/2024 10:38	89	0
1469850	3/2/2024 9:10	3/2/2024 19:46	636	0
1465391	3/2/2024 9:28	3/2/2024 19:58	630	0
1393699	3/2/2024 9:29	3/2/2024 19:44	615	0
1494722	3/2/2024 9:30	3/2/2024 20:01	631	0
1567316	3/2/2024 9:31	3/2/2024 10:13	42	0
315604	3/2/2024 9:37	3/2/2024 14:09	272	0
9063373	3/2/2024 9:37	3/2/2024 20:07	630	0
10371797	3/2/2024 9:39	3/2/2024 14:12	273	0
313954	3/2/2024 9:39	3/2/2024 14:12	273	0
315380	3/2/2024 9:39	3/2/2024 14:12	273	0
314163	3/2/2024 9:39	3/2/2024 14:12	273	0
664453	3/2/2024 9:40	3/2/2024 19:54	614	0
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1077082	3/2/2024 9:49	3/2/2024 19:58	609	0
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8972545	3/2/2024 9:51	3/2/2024 19:55	604	0
1445317	3/2/2024 9:55	3/2/2024 19:55	600	0
808829	3/2/2024 9:58	3/2/2024 11:27	89	0
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1430294	3/2/2024 10:03	3/2/2024 20:00	597	0
1664433	3/2/2024 10:04	3/2/2024 10:36	32	0
1251782	3/2/2024 10:07	3/2/2024 19:59	592	0
315616	3/2/2024 10:08	3/2/2024 14:09	241	0
316630	3/2/2024 10:08	3/2/2024 14:09	241	0
574596	3/2/2024 10:08	3/2/2024 19:58	590	0
1266649	3/2/2024 10:09	3/2/2024 11:54	105	0
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957615	3/2/2024 10:11	3/2/2024 11:46	95	0
312846	3/2/2024 10:11	3/2/2024 14:07	236	0
1346671	3/2/2024 10:12	3/2/2024 19:55	583	0
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274059	3/2/2024 10:19	3/2/2024 11:37	78	0
274125	3/2/2024 10:21	3/2/2024 11:35	74	0
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12376755	3/2/2024 10:23	3/2/2024 11:36	73	0
1307027	3/2/2024 10:23	3/2/2024 11:37	74	0
8486022	3/2/2024 10:24	3/2/2024 19:56	572	0
1466357	3/2/2024 10:25	3/2/2024 19:52	567	0
663228	3/2/2024 10:26	3/2/2024 19:58	572	0
1446401	3/2/2024 10:26	3/2/2024 19:46	560	0
10433250	3/2/2024 10:27	3/2/2024 19:54	567	0

1493132	3/2/2024 10:27	3/2/2024 15:47	320	0
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251248	3/2/2024 10:32	3/2/2024 12:01	89	0
251189	3/2/2024 10:33	3/2/2024 12:03	90	0
449036	3/2/2024 10:33	3/2/2024 14:19	226	0
1672784	3/2/2024 10:34	3/3/2024 9:00	1345.48	0.07
1664433	3/2/2024 10:36	3/2/2024 10:52	16	0
860281	3/2/2024 10:36	3/2/2024 10:54	18	0
553755	3/2/2024 10:37	3/2/2024 20:04	567	0
449377	3/2/2024 10:37	3/2/2024 10:41	4	0
800600	3/2/2024 10:37	3/2/2024 19:53	556	0
1518000	3/2/2024 10:37	3/2/2024 19:59	562	0
12682110	3/2/2024 10:38	3/2/2024 20:04	566	0
801004	3/2/2024 10:38	3/2/2024 19:55	557	0
816722	3/2/2024 10:39	3/2/2024 19:44	545	0
10659831	3/2/2024 10:39	3/2/2024 19:58	559	0
859747	3/2/2024 10:39	3/2/2024 10:49	10	0
449377	3/2/2024 10:41	3/2/2024 11:19	38	0
800590	3/2/2024 10:41	3/2/2024 19:51	550	0
1457350	3/2/2024 10:41	3/3/2024 9:00	1338.93	0
800588	3/2/2024 10:42	3/2/2024 19:53	551	0
954637	3/2/2024 10:43	3/2/2024 11:45	62	0
955448	3/2/2024 10:43	3/2/2024 11:46	63	0
957216	3/2/2024 10:43	3/2/2024 14:28	225	0
954332	3/2/2024 10:44	3/2/2024 11:41	57	0
415949	3/2/2024 10:44	3/2/2024 19:45	541	0
160073	3/2/2024 10:45	3/2/2024 19:41	536	0
1567316	3/2/2024 10:46	3/2/2024 11:48	62	0
1514004	3/2/2024 10:46	3/2/2024 20:02	556	0
416557	3/2/2024 10:46	3/2/2024 19:42	536	0
1599209	3/2/2024 10:47	3/2/2024 19:58	551	0
1416360	3/2/2024 10:47	3/3/2024 9:00	1332.15	0
975066	3/2/2024 10:47	3/2/2024 19:57	550	0
1567514	3/2/2024 10:47	3/2/2024 11:45	58	0
252922	3/2/2024 10:47	3/2/2024 12:00	73	0
1597556	3/2/2024 10:48	3/2/2024 19:56	548	0
197883	3/2/2024 10:48	3/2/2024 11:35	47	0
859747	3/2/2024 10:49	3/2/2024 11:37	48	0
10393495	3/2/2024 10:49	3/2/2024 11:36	47	0
500173	3/2/2024 10:49	3/2/2024 20:00	551	0
1415828	3/2/2024 10:50	3/3/2024 9:00	1329.15	0
1267978	3/2/2024 10:50	3/2/2024 11:37	47	0
817825	3/2/2024 10:50	3/2/2024 19:44	534	0
1414392	3/2/2024 10:51	3/3/2024 9:00	1328.15	0
196408	3/2/2024 10:51	3/2/2024 11:38	47	0
1664433	3/2/2024 10:52	3/3/2024 9:00	1327.83	0

510307	3/2/2024 10:52	3/2/2024 19:52	540	0
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1453263	3/2/2024 10:54	3/2/2024 11:41	47	0
507365	3/2/2024 10:54	3/2/2024 19:57	543	0
264379	3/2/2024 10:54	3/2/2024 20:00	546	0
860281	3/2/2024 10:54	3/2/2024 11:39	45	0
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47769	3/2/2024 11:02	3/2/2024 19:57	535	0
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772378	3/2/2024 11:05	3/2/2024 20:01	536	0
1431804	3/2/2024 11:05	3/2/2024 19:56	531	0
1321605	3/2/2024 11:05	3/2/2024 14:11	186	0
127206	3/2/2024 11:06	3/3/2024 9:00	1313.13	0
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328408	3/2/2024 11:06	3/2/2024 19:52	526	0
313011	3/2/2024 11:08	3/2/2024 14:12	184	0
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1456419	3/2/2024 11:09	3/2/2024 11:40	31	0
552210	3/2/2024 11:10	3/2/2024 19:55	525	0
1325831	3/2/2024 11:11	3/2/2024 11:59	48	0
1064514	3/2/2024 11:13	3/2/2024 19:43	510	0
1064575	3/2/2024 11:13	3/2/2024 19:58	525	0
756553	3/2/2024 11:14	3/2/2024 20:03	529	0
588892	3/2/2024 11:17	3/2/2024 12:05	48	0
445201	3/2/2024 11:18	3/2/2024 20:02	524	0
449377	3/2/2024 11:19	3/2/2024 11:35	16	0
675499	3/2/2024 11:26	3/2/2024 19:45	499	0
553863	3/2/2024 11:26	3/2/2024 19:43	497	0
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810130	3/2/2024 11:29	3/2/2024 12:11	42	0
353651	3/2/2024 11:30	3/2/2024 14:46	196	0
353082	3/2/2024 11:31	3/2/2024 14:45	194	0
280878	3/2/2024 11:33	3/2/2024 11:49	16	0
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449377	3/2/2024 11:35	3/2/2024 12:06	31	0
195839	3/2/2024 11:35	3/2/2024 14:38	183	0
8068454	3/2/2024 11:36	3/2/2024 12:23	47	0
12376755	3/2/2024 11:36	3/2/2024 11:53	17	0
10393495	3/2/2024 11:36	3/2/2024 11:52	16	0.07
1267978	3/2/2024 11:37	3/2/2024 12:45	68	0
482587	3/2/2024 11:37	3/3/2024 9:00	1282.48	0

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274059	3/2/2024 11:37	3/2/2024 11:53	16	0
859747	3/2/2024 11:37	3/2/2024 11:52	15	0
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860281	3/2/2024 11:39	3/2/2024 11:50	11	0
1456419	3/2/2024 11:40	3/2/2024 19:59	499	0
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955448	3/2/2024 11:46	3/2/2024 14:29	163	0
314188	3/2/2024 11:47	3/2/2024 12:03	16	0
315169	3/2/2024 11:48	3/2/2024 12:04	16	0
1567316	3/2/2024 11:48	3/2/2024 11:58	10	0
315730	3/2/2024 11:49	3/2/2024 12:04	15	0
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860281	3/2/2024 11:50	3/2/2024 12:11	21	0
10393495	3/2/2024 11:52	3/2/2024 13:53	121	0.02
859747	3/2/2024 11:52	3/2/2024 12:08	16	0
280887	3/2/2024 11:53	3/2/2024 13:48	115	0
1307027	3/2/2024 11:53	3/2/2024 12:08	15	0
274059	3/2/2024 11:53	3/2/2024 14:20	147	0
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1266649	3/2/2024 11:54	3/2/2024 12:10	16	0
1309098	3/2/2024 11:55	3/2/2024 12:11	16	0
274125	3/2/2024 11:55	3/2/2024 14:20	145	0
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956968	3/2/2024 11:57	3/2/2024 19:50	473	0
1567316	3/2/2024 11:58	3/2/2024 12:30	32	0
1326419	3/2/2024 11:58	3/2/2024 19:56	478	0
808829	3/2/2024 11:59	3/2/2024 12:15	16	0
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251248	3/2/2024 12:01	3/2/2024 20:08	487	0
1565203	3/2/2024 12:01	3/2/2024 12:33	32	0
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314188	3/2/2024 12:03	3/2/2024 12:19	16	0
315169	3/2/2024 12:04	3/2/2024 13:01	57	0
315730	3/2/2024 12:04	3/2/2024 13:02	58	0

588892	3/2/2024 12:05	3/2/2024 14:16	131	0
449377	3/2/2024 12:06	3/2/2024 12:22	16	0
1551510	3/2/2024 12:06	3/2/2024 14:07	121	0
1551513	3/2/2024 12:06	3/2/2024 14:07	121	0
1310926	3/2/2024 12:07	3/3/2024 9:00	1252.15	0
859747	3/2/2024 12:08	3/2/2024 13:06	58	0
10013697	3/2/2024 12:08	3/2/2024 14:08	120	0
1307027	3/2/2024 12:08	3/3/2024 9:00	1251.15	0
1493766	3/2/2024 12:10	3/2/2024 14:10	120	0
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12376755	3/2/2024 12:10	3/3/2024 9:00	1249.15	0
810130	3/2/2024 12:11	3/3/2024 9:00	1248.83	0
1309098	3/2/2024 12:11	3/3/2024 9:00	1248.15	0
860281	3/2/2024 12:11	3/2/2024 13:09	58	0
1385431	3/2/2024 12:12	3/2/2024 14:25	133	0
23462	3/2/2024 12:14	3/2/2024 13:43	89	0
808829	3/2/2024 12:15	3/3/2024 9:00	1244.83	0
926657	3/2/2024 12:18	3/2/2024 14:03	105	0
314188	3/2/2024 12:19	3/2/2024 13:06	47	0
449377	3/2/2024 12:22	3/2/2024 14:37	135	0
8068454	3/2/2024 12:23	3/2/2024 14:08	105	0
1567569	3/2/2024 12:30	3/3/2024 9:00	1229.48	0
1567316	3/2/2024 12:30	3/2/2024 13:48	78	0
1567514	3/2/2024 12:32	3/2/2024 14:17	105	0
1565203	3/2/2024 12:33	3/2/2024 14:18	105	0
1567701	3/2/2024 12:33	3/3/2024 9:00	1226.48	0
29635	3/2/2024 12:42	3/3/2024 9:00	1217.13	0
1267978	3/2/2024 12:45	3/2/2024 19:48	423	0
456048	3/2/2024 12:46	3/3/2024 9:00	1213.48	0
456084	3/2/2024 12:48	3/3/2024 9:00	1211.48	0
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315169	3/2/2024 13:01	3/2/2024 13:17	16	0
315730	3/2/2024 13:02	3/2/2024 13:18	16	0
486985	3/2/2024 13:04	3/3/2024 9:00	1195.48	0
859747	3/2/2024 13:06	3/2/2024 13:22	16	0
314188	3/2/2024 13:06	3/2/2024 13:16	10	0
486880	3/2/2024 13:07	3/3/2024 9:00	1192.48	0
860281	3/2/2024 13:09	3/2/2024 13:24	15	0
1417138	3/2/2024 13:13	3/2/2024 16:38	205	0
314188	3/2/2024 13:16	3/2/2024 13:32	16	0
315169	3/2/2024 13:17	3/2/2024 14:20	63	0
315730	3/2/2024 13:18	3/2/2024 14:21	63	0
859747	3/2/2024 13:22	3/3/2024 9:00	1177.83	0
860281	3/2/2024 13:24	3/3/2024 9:00	1175.83	0
314188	3/2/2024 13:32	3/2/2024 14:19	47	0
1524033	3/2/2024 13:39	3/2/2024 19:52	373	0
1517747	3/2/2024 13:40	3/3/2024 9:00	1159.93	0

1516432	3/2/2024 13:40	3/3/2024 9:00	1159.93	0
1516997	3/2/2024 13:42	3/3/2024 9:00	1157.93	0
23462	3/2/2024 13:43	3/2/2024 20:01	378	0
280887	3/2/2024 13:48	3/2/2024 19:59	371	0
1567316	3/2/2024 13:48	3/2/2024 14:15	27	0
280878	3/2/2024 13:50	3/2/2024 20:01	371	0
852125	3/2/2024 13:52	3/2/2024 14:34	42	0
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1539391	3/2/2024 13:53	3/2/2024 20:00	367	0
10393495	3/2/2024 13:53	3/2/2024 14:34	41	0
926657	3/2/2024 14:03	3/2/2024 14:19	16	0
926638	3/2/2024 14:03	3/3/2024 9:00	1136.83	0
928438	3/2/2024 14:03	3/3/2024 9:00	1136.83	0
281235	3/2/2024 14:04	3/2/2024 14:20	16	0
926503	3/2/2024 14:05	3/3/2024 9:00	1134.83	0
1515733	3/2/2024 14:07	3/2/2024 14:23	16	0
1551510	3/2/2024 14:07	3/2/2024 14:23	16	0
317797	3/2/2024 14:07	3/2/2024 14:23	16	0
312846	3/2/2024 14:07	3/2/2024 19:53	346	0
1551513	3/2/2024 14:07	3/2/2024 14:22	15	0
8068454	3/2/2024 14:08	3/2/2024 14:24	16	0
10013697	3/2/2024 14:08	3/2/2024 14:24	16	0
916441	3/2/2024 14:08	3/3/2024 9:00	1131.83	0
315616	3/2/2024 14:09	3/2/2024 20:01	352	0
316630	3/2/2024 14:09	3/2/2024 20:06	357	0
315604	3/2/2024 14:09	3/2/2024 20:00	351	0
314564	3/2/2024 14:09	3/2/2024 19:51	342	0
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1493766	3/2/2024 14:10	3/2/2024 14:26	16	0
1350104	3/2/2024 14:11	3/3/2024 9:00	1128.15	0
1321605	3/2/2024 14:11	3/2/2024 14:27	16	0
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317233	3/2/2024 14:11	3/2/2024 14:21	10	0
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314163	3/2/2024 14:12	3/2/2024 20:02	350	0
313011	3/2/2024 14:12	3/2/2024 20:04	352	0
313731	3/2/2024 14:13	3/2/2024 20:05	352	0
105666	3/2/2024 14:14	3/2/2024 14:30	16	0
328113	3/2/2024 14:15	3/3/2024 9:00	1124.13	0
1567316	3/2/2024 14:15	3/2/2024 14:30	15	0
588892	3/2/2024 14:16	3/2/2024 14:32	16	0
1567514	3/2/2024 14:17	3/2/2024 14:33	16	0
1565203	3/2/2024 14:18	3/2/2024 14:34	16	0
926657	3/2/2024 14:19	3/2/2024 14:35	16	0
449036	3/2/2024 14:19	3/2/2024 14:34	15	0

314188	3/2/2024 14:19	3/2/2024 14:35	16	0
274059	3/2/2024 14:20	3/2/2024 14:36	16	0
281235	3/2/2024 14:20	3/2/2024 20:06	346	0
315169	3/2/2024 14:20	3/2/2024 14:36	16	0
274125	3/2/2024 14:20	3/2/2024 14:41	21	0
315730	3/2/2024 14:21	3/2/2024 14:31	10	0
317233	3/2/2024 14:21	3/2/2024 14:37	16	0
487441	3/2/2024 14:21	3/2/2024 14:37	16	0
1551513	3/2/2024 14:22	3/2/2024 14:38	16	0
486693	3/2/2024 14:22	3/2/2024 14:37	15	0
485536	3/2/2024 14:22	3/2/2024 14:38	16	0
1515733	3/2/2024 14:23	3/2/2024 14:54	31	0
317797	3/2/2024 14:23	3/2/2024 14:38	15	0
1551510	3/2/2024 14:23	3/2/2024 14:39	16	0
1546695	3/2/2024 14:24	3/2/2024 14:40	16	0
8068454	3/2/2024 14:24	3/2/2024 14:50	26	0
10013697	3/2/2024 14:24	3/2/2024 14:40	16	0
1385431	3/2/2024 14:25	3/2/2024 19:59	334	0
569420	3/2/2024 14:26	3/2/2024 14:41	15	0
1550815	3/2/2024 14:26	3/2/2024 14:42	16	0
1701172	3/2/2024 14:26	3/2/2024 14:42	16	0
1493766	3/2/2024 14:26	3/2/2024 19:57	331	0
1321605	3/2/2024 14:27	3/2/2024 14:37	10	0
957216	3/2/2024 14:28	3/2/2024 14:43	15	0
957615	3/2/2024 14:29	3/2/2024 14:44	15	0
955448	3/2/2024 14:29	3/2/2024 14:44	15	0
105666	3/2/2024 14:30	3/2/2024 20:01	331	0
1567316	3/2/2024 14:30	3/2/2024 14:47	17	0
315730	3/2/2024 14:31	3/2/2024 14:47	16	0
428372	3/2/2024 14:31	3/2/2024 14:47	16	0
956125	3/2/2024 14:32	3/2/2024 14:43	11	0
588892	3/2/2024 14:32	3/2/2024 14:47	15	0
1672745	3/2/2024 14:32	3/2/2024 14:48	16	0
1567514	3/2/2024 14:33	3/2/2024 14:48	15	0
852125	3/2/2024 14:34	3/2/2024 19:59	325	0
10393495	3/2/2024 14:34	3/2/2024 20:10	336	0.04
449036	3/2/2024 14:34	3/2/2024 14:50	16	0
1565203	3/2/2024 14:34	3/2/2024 14:44	10	0
1412757	3/2/2024 14:34	3/2/2024 15:05	31	0
1464949	3/2/2024 14:35	3/2/2024 20:00	325	0
1683861	3/2/2024 14:35	3/2/2024 20:53	378	0
926657	3/2/2024 14:35	3/2/2024 14:51	16	0
198082	3/2/2024 14:35	3/3/2024 9:00	1104.13	0
314188	3/2/2024 14:35	3/2/2024 14:51	16	0
274059	3/2/2024 14:36	3/2/2024 20:01	325	0
1417279	3/2/2024 14:36	3/2/2024 19:50	314	0
315169	3/2/2024 14:36	3/2/2024 14:46	10	0

196965	3/2/2024 14:36	3/2/2024 20:02	326	0
196408	3/2/2024 14:36	3/2/2024 19:57	321	0
449377	3/2/2024 14:37	3/2/2024 14:49	12	0
487441	3/2/2024 14:37	3/2/2024 19:54	317	0
1321605	3/2/2024 14:37	3/2/2024 19:46	309	0
486693	3/2/2024 14:37	3/2/2024 14:53	16	0
317233	3/2/2024 14:37	3/2/2024 19:58	321	0
197356	3/2/2024 14:38	3/2/2024 20:09	331	0
317797	3/2/2024 14:38	3/2/2024 19:53	315	0
485536	3/2/2024 14:38	3/2/2024 14:54	16	0
1463218	3/2/2024 14:38	3/2/2024 19:48	310	0
1555376	3/2/2024 14:38	3/2/2024 20:04	326	0
195839	3/2/2024 14:38	3/2/2024 20:29	351	0
1551513	3/2/2024 14:38	3/2/2024 20:04	326	0
1551510	3/2/2024 14:39	3/2/2024 19:48	309	0
1405153	3/2/2024 14:39	3/2/2024 19:47	308	0
197883	3/2/2024 14:39	3/2/2024 19:59	320	0
10013697	3/2/2024 14:40	3/2/2024 19:55	315	0
1321114	3/2/2024 14:40	3/2/2024 19:55	315	0
1546695	3/2/2024 14:40	3/2/2024 20:00	320	0
569420	3/2/2024 14:41	3/2/2024 19:40	299	0
274125	3/2/2024 14:41	3/2/2024 20:11	330	0
1320619	3/2/2024 14:41	3/2/2024 19:47	306	0
1555268	3/2/2024 14:41	3/2/2024 20:06	325	0
1400258	3/2/2024 14:41	3/2/2024 19:49	308	0
1554677	3/2/2024 14:41	3/2/2024 20:02	321	0
1552154	3/2/2024 14:42	3/2/2024 20:02	320	0
1701172	3/2/2024 14:42	3/2/2024 19:46	304	0
1550815	3/2/2024 14:42	3/2/2024 19:51	309	0
957216	3/2/2024 14:43	3/2/2024 19:56	313	0
1399519	3/2/2024 14:43	3/2/2024 20:03	320	0
956125	3/2/2024 14:43	3/2/2024 19:53	310	0
1565203	3/2/2024 14:44	3/2/2024 20:04	320	0
957615	3/2/2024 14:44	3/2/2024 20:02	318	0
955448	3/2/2024 14:44	3/2/2024 19:45	301	0
353082	3/2/2024 14:45	3/2/2024 20:00	315	0
1361099	3/2/2024 14:46	3/2/2024 19:51	305	0
1363754	3/2/2024 14:46	3/2/2024 20:04	318	0
1325831	3/2/2024 14:46	3/2/2024 19:40	294	0
315169	3/2/2024 14:46	3/2/2024 19:51	305	0
353651	3/2/2024 14:46	3/2/2024 19:55	309	0
1514256	3/2/2024 14:46	3/2/2024 20:12	326	0
1567316	3/2/2024 14:47	3/2/2024 19:56	309	0
588892	3/2/2024 14:47	3/2/2024 20:01	314	0
315730	3/2/2024 14:47	3/2/2024 20:02	315	0
428372	3/2/2024 14:47	3/2/2024 19:51	304	0
1564506	3/2/2024 14:48	3/2/2024 20:08	320	0

1567514	3/2/2024 14:48	3/2/2024 20:03	315	0
1672745	3/2/2024 14:48	3/2/2024 20:03	315	0
449377	3/2/2024 14:49	3/2/2024 15:15	26	0
8068454	3/2/2024 14:50	3/2/2024 19:59	309	0
449036	3/2/2024 14:50	3/2/2024 19:54	304	0
926657	3/2/2024 14:51	3/2/2024 19:55	304	0
314188	3/2/2024 14:51	3/2/2024 19:50	299	0
486693	3/2/2024 14:53	3/2/2024 20:00	307	0
447406	3/2/2024 14:53	3/2/2024 19:57	304	0
1515733	3/2/2024 14:54	3/2/2024 20:04	310	0
485536	3/2/2024 14:54	3/2/2024 20:04	310	0
1513398	3/2/2024 15:02	3/2/2024 19:56	294	0
1421188	3/2/2024 15:04	3/2/2024 19:58	294	0
1412757	3/2/2024 15:05	3/2/2024 19:54	289	0
1320008	3/2/2024 15:06	3/2/2024 19:52	286	0
926505	3/2/2024 15:06	3/3/2024 9:00	1073.83	0
1332906	3/2/2024 15:07	3/2/2024 19:50	283	0
506261	3/2/2024 15:09	3/2/2024 19:48	279	0
1320646	3/2/2024 15:09	3/2/2024 19:57	288	0
265955	3/2/2024 15:13	3/2/2024 20:04	291	0
449377	3/2/2024 15:15	3/2/2024 15:46	31	0
56196	3/2/2024 15:18	3/2/2024 20:12	294	0
308032	3/2/2024 15:19	3/2/2024 20:07	288	0
309944	3/2/2024 15:21	3/2/2024 20:04	283	0
308802	3/2/2024 15:21	3/2/2024 20:15	294	0
1510338	3/2/2024 15:22	3/2/2024 20:10	288	0
1349032	3/2/2024 15:40	3/2/2024 19:57	257	0
1347943	3/2/2024 15:40	3/2/2024 19:47	247	0
1347949	3/2/2024 15:41	3/2/2024 19:47	246	0
1702936	3/2/2024 15:41	3/2/2024 19:58	257	0
1349083	3/2/2024 15:41	3/2/2024 19:58	257	0
1347024	3/2/2024 15:42	3/2/2024 19:54	252	0
1348044	3/2/2024 15:42	3/2/2024 19:43	241	0
1349177	3/2/2024 15:43	3/2/2024 19:45	242	0
1346410	3/2/2024 15:43	3/2/2024 19:55	252	0
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1348976	3/2/2024 15:44	3/2/2024 20:01	257	0
7937779	3/2/2024 15:45	3/2/2024 19:57	252	0
449377	3/2/2024 15:46	3/2/2024 16:49	63	0
1493132	3/2/2024 15:47	3/2/2024 20:05	258	0
1190246	3/2/2024 16:11	3/2/2024 19:56	225	0
1351812	3/2/2024 16:27	3/2/2024 20:07	220	0
10736160	3/2/2024 16:27	3/2/2024 19:57	210	0
1353525	3/2/2024 16:28	3/2/2024 20:03	215	0
1355729	3/2/2024 16:28	3/2/2024 19:58	210	0
7415418	3/2/2024 16:28	3/2/2024 19:58	210	0

1352482	3/2/2024 16:29	3/2/2024 19:59	210	0
1417138	3/2/2024 16:38	3/2/2024 19:57	199	0
449377	3/2/2024 16:49	3/2/2024 18:41	112	0
564518	3/2/2024 17:05	3/3/2024 9:00	954.48	0
1502969	3/2/2024 17:06	3/3/2024 0:43	457	0
449377	3/2/2024 18:41	3/2/2024 19:38	57	0
449377	3/2/2024 19:38	3/2/2024 20:26	48	0
569420	3/2/2024 19:40	3/3/2024 9:00	799.48	0
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416557	3/2/2024 19:42	3/3/2024 9:00	797.48	0
954637	3/2/2024 19:43	3/3/2024 9:00	796.27	0
553863	3/2/2024 19:43	3/3/2024 9:00	796.48	0
1348044	3/2/2024 19:43	3/3/2024 9:00	796.15	0
1064514	3/2/2024 19:43	3/3/2024 9:00	796.27	0
817825	3/2/2024 19:44	3/3/2024 9:00	795.83	0
816722	3/2/2024 19:44	3/3/2024 9:00	795.83	0
954332	3/2/2024 19:44	3/3/2024 9:00	795.27	0
1393699	3/2/2024 19:44	3/3/2024 9:00	795.15	0
1654064	3/2/2024 19:44	3/3/2024 9:00	795.27	0
415949	3/2/2024 19:45	3/3/2024 9:00	794.48	0
955448	3/2/2024 19:45	3/3/2024 9:00	794.27	0
675499	3/2/2024 19:45	3/3/2024 9:00	794.83	0
1349177	3/2/2024 19:45	3/3/2024 9:00	794.15	0
1469850	3/2/2024 19:46	3/3/2024 9:00	793.93	0
1432827	3/2/2024 19:46	3/3/2024 9:00	793.93	0
1321605	3/2/2024 19:46	3/3/2024 9:00	793.15	0
1701172	3/2/2024 19:46	3/3/2024 8:22	756	0
1446401	3/2/2024 19:46	3/3/2024 9:00	793.93	0
1347949	3/2/2024 19:47	3/3/2024 9:00	792.15	0
1320619	3/2/2024 19:47	3/3/2024 9:00	792.15	0
1347943	3/2/2024 19:47	3/3/2024 9:00	792.15	0
1405153	3/2/2024 19:47	3/3/2024 9:00	792.15	0
1551510	3/2/2024 19:48	3/3/2024 9:00	791.93	0
506261	3/2/2024 19:48	3/3/2024 9:00	791.48	0
1267978	3/2/2024 19:48	3/3/2024 9:00	791.27	0
1463218	3/2/2024 19:48	3/3/2024 9:00	791.93	0
1400258	3/2/2024 19:49	3/3/2024 9:00	790.15	0
314188	3/2/2024 19:50	3/3/2024 9:00	789.13	0
1332906	3/2/2024 19:50	3/3/2024 9:00	789.15	0
956968	3/2/2024 19:50	3/3/2024 9:00	789.27	0
1417279	3/2/2024 19:50	3/3/2024 9:00	789.15	0
800590	3/2/2024 19:51	3/3/2024 9:00	788.83	0
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428372	3/2/2024 19:51	3/3/2024 9:00	788.48	0
314564	3/2/2024 19:51	3/3/2024 9:00	788.13	0
1361099	3/2/2024 19:51	3/3/2024 9:00	788.15	0

315169	3/2/2024 19:51	3/3/2024 9:00	788.13	0
1550815	3/2/2024 19:51	3/3/2024 9:00	788.93	0
1524033	3/2/2024 19:52	3/3/2024 9:00	787.93	0
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510307	3/2/2024 19:52	3/3/2024 9:00	787.48	0
328408	3/2/2024 19:52	3/3/2024 9:00	787.13	0
312846	3/2/2024 19:53	3/3/2024 9:00	786.13	0
800600	3/2/2024 19:53	3/3/2024 9:00	786.83	0
956125	3/2/2024 19:53	3/3/2024 9:00	786.27	0
800588	3/2/2024 19:53	3/3/2024 9:00	786.83	0
317797	3/2/2024 19:53	3/3/2024 9:00	786.13	0
664453	3/2/2024 19:54	3/3/2024 9:00	785.83	0
1503634	3/2/2024 19:54	3/3/2024 9:00	785.15	0
1412757	3/2/2024 19:54	3/3/2024 9:00	785.15	0
1347024	3/2/2024 19:54	3/3/2024 9:00	785.15	0
1453263	3/2/2024 19:54	3/3/2024 9:00	785.93	0
449036	3/2/2024 19:54	3/3/2024 9:00	785.48	0
10433250	3/2/2024 19:54	3/3/2024 9:00	785.15	0
487441	3/2/2024 19:54	3/3/2024 9:00	785.48	0
1445317	3/2/2024 19:55	3/3/2024 9:00	784.93	0
8972545	3/2/2024 19:55	3/3/2024 9:00	784.48	0
1321114	3/2/2024 19:55	3/3/2024 9:00	784.15	0
926657	3/2/2024 19:55	3/3/2024 9:00	784.83	0
10013697	3/2/2024 19:55	3/3/2024 9:00	784.93	0
353651	3/2/2024 19:55	3/3/2024 9:00	784.13	0
552210	3/2/2024 19:55	3/3/2024 9:00	784.48	0
511266	3/2/2024 19:55	3/3/2024 9:00	784.48	0
801004	3/2/2024 19:55	3/3/2024 9:00	784.83	0
1346671	3/2/2024 19:55	3/3/2024 9:00	784.15	0
1346410	3/2/2024 19:55	3/3/2024 9:00	784.15	0
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1190246	3/2/2024 19:56	3/3/2024 9:00	783.15	0
1513398	3/2/2024 19:56	3/3/2024 9:00	783.93	0
1567316	3/2/2024 19:56	3/3/2024 8:14	738	0
1597556	3/2/2024 19:56	3/3/2024 9:00	783.93	0
1326419	3/2/2024 19:56	3/3/2024 9:00	783.15	0
1431804	3/2/2024 19:56	3/3/2024 9:00	783.93	0
957216	3/2/2024 19:56	3/3/2024 9:00	783.27	0
1320646	3/2/2024 19:57	3/3/2024 9:00	782.15	0
1493766	3/2/2024 19:57	3/3/2024 9:00	782.15	0
447406	3/2/2024 19:57	3/3/2024 9:00	782.48	0
975066	3/2/2024 19:57	3/3/2024 9:00	782.27	0
10736160	3/2/2024 19:57	3/3/2024 9:00	782.15	0
47769	3/2/2024 19:57	3/3/2024 9:00	782.13	0
196408	3/2/2024 19:57	3/3/2024 9:00	782.13	0

1349032	3/2/2024 19:57	3/3/2024 9:00	782.15	0
1417138	3/2/2024 19:57	3/3/2024 9:00	782.15	0
7937779	3/2/2024 19:57	3/3/2024 9:00	782.15	0
507365	3/2/2024 19:57	3/3/2024 9:00	782.48	0
1599209	3/2/2024 19:58	3/3/2024 9:00	781.93	0
1465391	3/2/2024 19:58	3/3/2024 9:00	781.93	0
1064575	3/2/2024 19:58	3/3/2024 9:00	781.27	0
1421188	3/2/2024 19:58	3/3/2024 9:00	781.15	0
7415418	3/2/2024 19:58	3/3/2024 9:00	781.15	0
1355729	3/2/2024 19:58	3/3/2024 9:00	781.15	0
1702936	3/2/2024 19:58	3/3/2024 9:00	781.15	0
1349083	3/2/2024 19:58	3/3/2024 9:00	781.15	0
1077082	3/2/2024 19:58	3/3/2024 9:00	781.48	0
49209	3/2/2024 19:58	3/3/2024 9:00	781.13	0
574596	3/2/2024 19:58	3/3/2024 9:00	781.48	0
663228	3/2/2024 19:58	3/3/2024 9:00	781.83	0
317233	3/2/2024 19:58	3/3/2024 9:00	781.13	0
10659831	3/2/2024 19:58	3/3/2024 9:00	781.93	0
197883	3/2/2024 19:59	3/3/2024 9:00	780.13	0
1251782	3/2/2024 19:59	3/3/2024 9:00	780.83	0
1385431	3/2/2024 19:59	3/3/2024 9:00	780.15	0
1456419	3/2/2024 19:59	3/3/2024 9:00	780.93	0
8068454	3/2/2024 19:59	3/3/2024 9:00	780.48	0
1352482	3/2/2024 19:59	3/3/2024 9:00	780.15	0
280887	3/2/2024 19:59	3/3/2024 9:00	780.13	0
1518000	3/2/2024 19:59	3/3/2024 9:00	780.93	0
852125	3/2/2024 19:59	3/3/2024 9:00	780.83	0
486693	3/2/2024 20:00	3/3/2024 9:00	779.48	0
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500173	3/2/2024 20:00	3/3/2024 9:00	779.48	0
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1464949	3/2/2024 20:00	3/3/2024 9:00	779.93	0
23462	3/2/2024 20:01	3/3/2024 9:00	778.13	0
588892	3/2/2024 20:01	3/3/2024 9:00	778.48	0
772378	3/2/2024 20:01	3/3/2024 9:00	778.48	0
280878	3/2/2024 20:01	3/3/2024 9:00	778.13	0
315616	3/2/2024 20:01	3/3/2024 9:00	778.13	0
1348976	3/2/2024 20:01	3/3/2024 9:00	778.15	0
105666	3/2/2024 20:01	3/3/2024 9:00	778.13	0
274059	3/2/2024 20:01	3/3/2024 9:00	778.13	0
1494722	3/2/2024 20:01	3/3/2024 9:00	778.15	0
314163	3/2/2024 20:02	3/3/2024 9:00	777.13	0
196965	3/2/2024 20:02	3/3/2024 9:00	777.13	0

315730	3/2/2024 20:02	3/3/2024 9:00	777.13	0
445201	3/2/2024 20:02	3/3/2024 9:00	777.48	0
1514004	3/2/2024 20:02	3/3/2024 9:00	777.93	0
1554677	3/2/2024 20:02	3/3/2024 9:00	777.93	0
957615	3/2/2024 20:02	3/3/2024 9:00	777.27	0
1552154	3/2/2024 20:02	3/3/2024 9:00	777.93	0
1399519	3/2/2024 20:03	3/3/2024 9:00	776.15	0
1353525	3/2/2024 20:03	3/3/2024 9:00	776.15	0
10371797	3/2/2024 20:03	3/3/2024 9:00	776.13	0
313954	3/2/2024 20:03	3/3/2024 9:00	776.13	0
1672745	3/2/2024 20:03	3/3/2024 9:00	776.48	0
1567514	3/2/2024 20:03	3/3/2024 9:00	776.93	0
756553	3/2/2024 20:03	3/3/2024 9:00	776.48	0
1394324	3/2/2024 20:04	3/3/2024 9:00	775.15	0
1604432	3/2/2024 20:04	3/3/2024 9:00	775.93	0
315380	3/2/2024 20:04	3/3/2024 9:00	775.13	0
1565203	3/2/2024 20:04	3/3/2024 8:14	730	0
1515733	3/2/2024 20:04	3/3/2024 9:00	775.93	0
1363754	3/2/2024 20:04	3/3/2024 9:00	775.15	0
1551513	3/2/2024 20:04	3/3/2024 9:00	775.93	0
553755	3/2/2024 20:04	3/3/2024 9:00	775.48	0
485536	3/2/2024 20:04	3/3/2024 9:00	775.48	0
309944	3/2/2024 20:04	3/3/2024 9:00	775.13	0
265955	3/2/2024 20:04	3/3/2024 9:00	775.13	0
313011	3/2/2024 20:04	3/3/2024 9:00	775.13	0
1555376	3/2/2024 20:04	3/3/2024 9:00	775.93	0
12682110	3/2/2024 20:04	3/3/2024 9:00	775.93	0
313731	3/2/2024 20:05	3/3/2024 9:00	774.13	0
1493132	3/2/2024 20:05	3/3/2024 8:46	761	0
1469270	3/2/2024 20:05	3/3/2024 9:00	774.93	0
281235	3/2/2024 20:06	3/3/2024 9:00	773.13	0
316630	3/2/2024 20:06	3/3/2024 9:00	773.13	0
1555268	3/2/2024 20:06	3/3/2024 9:00	773.93	0
574993	3/2/2024 20:07	3/3/2024 9:00	772.48	0
9063373	3/2/2024 20:07	3/3/2024 9:00	772.15	0
308032	3/2/2024 20:07	3/3/2024 9:00	772.13	0
1351812	3/2/2024 20:07	3/3/2024 9:00	772.15	0
1576533	3/2/2024 20:08	3/3/2024 9:00	771.93	0
1564506	3/2/2024 20:08	3/3/2024 9:00	771.93	0
251248	3/2/2024 20:08	3/3/2024 9:00	771.13	0
197356	3/2/2024 20:09	3/3/2024 9:00	770.13	0
252922	3/2/2024 20:09	3/3/2024 9:00	770.13	0
10393495	3/2/2024 20:10	3/3/2024 9:00	769.13	0
1510338	3/2/2024 20:10	3/3/2024 9:00	769.93	0
274125	3/2/2024 20:11	3/3/2024 9:00	768.13	0
251189	3/2/2024 20:11	3/3/2024 9:00	768.13	0
56196	3/2/2024 20:12	3/3/2024 9:00	767.13	0

1514256	3/2/2024 20:12	3/3/2024 9:00	767.93	0
308802	3/2/2024 20:15	3/3/2024 9:00	764.13	0
449377	3/2/2024 20:26	3/2/2024 20:47	21	0
195839	3/2/2024 20:29	3/3/2024 9:00	750.13	0
449377	3/2/2024 20:47	3/2/2024 22:16	89	0
1683861	3/2/2024 20:53	3/3/2024 9:00	726.13	0
449377	3/2/2024 22:16	3/2/2024 23:03	47	0
449377	3/2/2024 23:03	3/3/2024 0:17	74	0
664030	3/2/2024 23:04	3/3/2024 9:00	595.83	0
326028	3/3/2024 0:16	3/3/2024 6:02	346	0
449377	3/3/2024 0:17	3/3/2024 0:59	42	0
1502969	3/3/2024 0:43	3/3/2024 9:00	496.15	0
449377	3/3/2024 0:59	3/3/2024 1:20	21	0
449377	3/3/2024 1:20	3/3/2024 1:30	10	0
449377	3/3/2024 1:30	3/3/2024 2:02	32	0
449377	3/3/2024 2:02	3/3/2024 2:23	21	0
449377	3/3/2024 2:23	3/3/2024 3:05	42	0
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449377	3/3/2024 4:23	3/3/2024 5:05	42	0
449377	3/3/2024 5:05	3/3/2024 5:32	27	0
449377	3/3/2024 5:32	3/3/2024 6:13	41	0
326028	3/3/2024 6:02	3/3/2024 9:00	177.13	0
449377	3/3/2024 6:13	3/3/2024 6:24	11	0
449377	3/3/2024 6:24	3/3/2024 7:17	53	0
449377	3/3/2024 7:17	3/3/2024 8:20	63	0
353728	3/3/2024 7:54	3/3/2024 9:00	65.13	0
1567316	3/3/2024 8:14	3/3/2024 9:00	45.93	0
1565203	3/3/2024 8:14	3/3/2024 9:00	45.93	0
449377	3/3/2024 8:20	3/3/2024 8:51	31	0
1701172	3/3/2024 8:22	3/3/2024 9:00	37.15	0
1320845	3/3/2024 8:22	3/3/2024 9:00	37.15	0
1320008	3/3/2024 8:37	3/3/2024 9:00	22.15	0
593397	3/3/2024 8:46	3/3/2024 9:00	13.48	0
1493132	3/3/2024 8:46	3/3/2024 9:00	13.15	0
593798	3/3/2024 8:46	3/3/2024 9:00	13.48	0
449377	3/3/2024 8:51	3/3/2024 9:00	8.48	0
10222019	3/3/2024 9:00	3/4/2024 9:00	1439.15	0
96751	3/3/2024 9:00	3/4/2024 9:00	1439.13	0
1366197	3/3/2024 9:00	3/4/2024 9:00	1439.15	0
574993	3/3/2024 9:00	3/3/2024 20:06	666	0
444688	3/3/2024 9:00	3/4/2024 9:00	1439.48	0
10714479	3/3/2024 9:00	3/3/2024 12:26	206	0
8950281	3/3/2024 9:00	3/3/2024 12:03	183	0
345752	3/3/2024 9:00	3/4/2024 9:00	1439.13	0
1413046	3/3/2024 9:00	3/4/2024 9:00	1439.15	0

1513541	3/3/2024 9:00	3/3/2024 10:04	64	0
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447406	3/3/2024 9:00	3/4/2024 9:00	1439.48	0
1394324	3/3/2024 9:00	3/3/2024 20:13	673	0
1516786	3/3/2024 9:00	3/4/2024 9:00	1439.93	0
319279	3/3/2024 9:00	3/4/2024 9:00	1439.13	0
811953	3/3/2024 9:00	3/4/2024 9:00	1439.83	0
7937779	3/3/2024 9:00	3/4/2024 9:00	1439.15	0
675499	3/3/2024 9:00	3/4/2024 9:00	1439.83	0
202435	3/3/2024 9:00	3/4/2024 9:00	1439.13	0
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1348731	3/3/2024 9:00	3/4/2024 9:00	1439.15	0
416557	3/3/2024 9:00	3/3/2024 11:32	152	0
588892	3/3/2024 9:00	3/3/2024 20:06	666	0
1352388	3/3/2024 9:00	3/4/2024 9:00	1439.15	0
353728	3/3/2024 9:00	3/3/2024 12:43	223	0
8724096	3/3/2024 9:00	3/4/2024 9:00	1439.15	0
1288420	3/3/2024 9:00	3/4/2024 9:00	1439.15	0
1347024	3/3/2024 9:01	3/4/2024 9:00	1438.15	0
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280935	3/3/2024 9:02	3/3/2024 14:34	332	0.9
279780	3/3/2024 9:03	3/3/2024 19:05	602	0.64
623069	3/3/2024 9:04	3/3/2024 11:21	137	0
1515678	3/3/2024 9:04	3/3/2024 20:12	668	0
281456	3/3/2024 9:06	3/3/2024 14:21	315	0.07
1516579	3/3/2024 9:07	3/4/2024 9:00	1432.93	0
1453263	3/3/2024 9:07	3/3/2024 11:39	152	0
623612	3/3/2024 9:07	3/3/2024 11:23	136	0
664030	3/3/2024 9:07	3/4/2024 9:00	1432.83	0
562202	3/3/2024 9:08	3/4/2024 9:00	1431.48	0
623871	3/3/2024 9:08	3/3/2024 11:24	136	0
1567316	3/3/2024 9:12	3/3/2024 11:44	152	0
1503634	3/3/2024 9:16	3/3/2024 20:02	646	0
415195	3/3/2024 9:16	3/3/2024 10:30	74	0
1320008	3/3/2024 9:25	3/3/2024 19:54	629	1.16
1321605	3/3/2024 9:25	3/3/2024 19:49	624	1.53
8486022	3/3/2024 9:25	3/3/2024 11:41	136	0
1320845	3/3/2024 9:26	3/3/2024 10:55	89	0.06
1446401	3/3/2024 9:26	3/3/2024 11:41	135	0.16
1565246	3/3/2024 9:32	3/4/2024 9:00	1407.93	0
1430838	3/3/2024 9:33	3/3/2024 19:49	616	0.16
1430553	3/3/2024 9:34	3/3/2024 19:48	614	0.2
1417138	3/3/2024 9:34	3/3/2024 11:34	120	0
1430644	3/3/2024 9:35	3/3/2024 19:51	616	0.12
1516432	3/3/2024 9:38	3/3/2024 10:38	60	0.01
664453	3/3/2024 9:38	3/3/2024 20:11	633	0
1518000	3/3/2024 9:38	3/3/2024 20:07	629	0.19

1517239	3/3/2024 9:38	3/3/2024 20:13	635	0.06
1516997	3/3/2024 9:39	3/3/2024 10:37	58	0
552210	3/3/2024 9:40	3/3/2024 20:05	625	0
1517291	3/3/2024 9:40	3/3/2024 10:12	32	0
1447297	3/3/2024 9:41	3/3/2024 11:41	120	0
1517747	3/3/2024 9:42	3/3/2024 10:39	57	0
1447211	3/3/2024 9:42	3/3/2024 11:43	121	0
1494722	3/3/2024 9:43	3/3/2024 20:11	628	0.93
10433250	3/3/2024 9:43	3/3/2024 19:48	605	0.57
1393699	3/3/2024 9:44	3/3/2024 20:05	621	0.68
1493132	3/3/2024 9:44	3/3/2024 19:47	603	1.52
1522301	3/3/2024 9:44	3/3/2024 20:37	653	0
9063373	3/3/2024 9:48	3/3/2024 20:14	626	0
1430294	3/3/2024 9:49	3/3/2024 20:09	620	0.07
1267978	3/3/2024 9:51	3/3/2024 10:22	31	0
646026	3/3/2024 9:51	3/3/2024 14:24	273	0
645339	3/3/2024 9:53	3/3/2024 14:26	273	0.77
574596	3/3/2024 9:53	3/3/2024 20:05	612	0
1465391	3/3/2024 9:58	3/3/2024 20:12	614	0.43
1416360	3/3/2024 10:01	3/4/2024 9:00	1378.15	0
47769	3/3/2024 10:02	3/3/2024 20:00	598	0
49209	3/3/2024 10:03	3/3/2024 20:07	604	0
1513541	3/3/2024 10:04	3/3/2024 10:09	5	0
1704232	3/3/2024 10:04	3/3/2024 20:04	600	2.06
1672784	3/3/2024 10:06	3/4/2024 9:00	1373.48	0.2
317797	3/3/2024 10:06	3/3/2024 20:06	600	0
1414392	3/3/2024 10:06	3/3/2024 10:32	26	0
1415828	3/3/2024 10:06	3/3/2024 10:32	26	0
1309098	3/3/2024 10:08	3/3/2024 19:51	583	1.92
1513541	3/3/2024 10:09	3/3/2024 10:19	10	0
553863	3/3/2024 10:09	3/3/2024 11:57	108	0
1310926	3/3/2024 10:10	3/3/2024 20:06	596	0.45
317233	3/3/2024 10:10	3/3/2024 14:13	243	0.56
1517291	3/3/2024 10:12	3/3/2024 20:20	608	0
1400258	3/3/2024 10:13	3/3/2024 10:43	30	0
1567514	3/3/2024 10:14	3/3/2024 11:43	89	0
1599209	3/3/2024 10:15	3/3/2024 10:31	16	0
1251782	3/3/2024 10:15	3/3/2024 20:08	593	0
1515964	3/3/2024 10:17	3/3/2024 20:12	595	0.34
1514256	3/3/2024 10:17	3/3/2024 20:15	598	0.19
1604432	3/3/2024 10:18	3/3/2024 20:12	594	0
264379	3/3/2024 10:19	3/3/2024 11:32	73	0
1513541	3/3/2024 10:19	3/3/2024 10:25	6	0
8068454	3/3/2024 10:21	3/3/2024 10:37	16	0
274059	3/3/2024 10:21	3/3/2024 11:36	75	0
449036	3/3/2024 10:21	3/3/2024 11:50	89	0.35
1267978	3/3/2024 10:22	3/3/2024 11:36	74	0

511266	3/3/2024 10:22	3/3/2024 19:59	577	0
1190246	3/3/2024 10:23	3/3/2024 20:06	583	0.11
11081884	3/3/2024 10:23	3/3/2024 20:08	585	0
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1320646	3/3/2024 10:23	3/3/2024 11:00	37	0
1597556	3/3/2024 10:23	3/3/2024 10:28	5	0
1466357	3/3/2024 10:24	3/3/2024 20:07	583	0
510307	3/3/2024 10:24	3/3/2024 20:01	577	0.51
507365	3/3/2024 10:25	3/3/2024 20:47	622	0
1513541	3/3/2024 10:25	3/3/2024 10:35	10	0
1469270	3/3/2024 10:26	3/3/2024 20:14	588	0
1320619	3/3/2024 10:26	3/3/2024 10:54	28	0
1321114	3/3/2024 10:26	3/3/2024 10:53	27	0
1597556	3/3/2024 10:28	3/3/2024 12:44	136	0.09
415195	3/3/2024 10:30	3/3/2024 11:33	63	0
817825	3/3/2024 10:30	3/3/2024 19:57	567	0
816722	3/3/2024 10:31	3/3/2024 21:41	670	0
1599209	3/3/2024 10:31	3/3/2024 12:48	137	0
1414392	3/3/2024 10:32	3/3/2024 20:06	574	0.45
417096	3/3/2024 10:32	3/3/2024 11:34	62	0
1415828	3/3/2024 10:32	3/3/2024 20:06	574	0.56
1556434	3/3/2024 10:32	3/3/2024 20:15	583	0
1469850	3/3/2024 10:33	3/3/2024 20:07	574	0
1513398	3/3/2024 10:33	3/3/2024 20:10	577	0
1556486	3/3/2024 10:35	3/3/2024 20:07	572	0.27
1513541	3/3/2024 10:35	3/3/2024 10:40	5	0
1554218	3/3/2024 10:35	3/3/2024 20:14	579	0.28
197883	3/3/2024 10:36	3/3/2024 20:05	569	0.47
197690	3/3/2024 10:37	3/3/2024 20:00	563	0
1516997	3/3/2024 10:37	3/3/2024 10:52	15	0.02
195839	3/3/2024 10:37	3/3/2024 19:59	562	0.21
8068454	3/3/2024 10:37	3/3/2024 11:34	57	0
1516432	3/3/2024 10:38	3/3/2024 10:52	14	0
198082	3/3/2024 10:38	3/3/2024 11:20	42	0
1321750	3/3/2024 10:38	3/3/2024 11:25	47	0
196408	3/3/2024 10:39	3/3/2024 20:00	561	0.05
1517747	3/3/2024 10:39	3/3/2024 10:55	16	0
6714863	3/3/2024 10:39	3/3/2024 20:06	567	0.28
793285	3/3/2024 10:39	3/3/2024 20:04	565	1.12
1513541	3/3/2024 10:40	3/3/2024 10:46	6	0
564518	3/3/2024 10:41	3/3/2024 11:38	57	0
790670	3/3/2024 10:41	3/3/2024 20:05	564	0
353651	3/3/2024 10:41	3/3/2024 13:46	185	0
1444947	3/3/2024 10:41	3/3/2024 11:39	58	0.04
353082	3/3/2024 10:42	3/3/2024 13:46	184	0.54
1654064	3/3/2024 10:42	3/3/2024 19:53	551	0
23462	3/3/2024 10:43	3/3/2024 11:15	32	0

1400258	3/3/2024 10:43	3/3/2024 20:06	563	0.09
1444636	3/3/2024 10:43	3/3/2024 11:41	58	0.05
1513541	3/3/2024 10:46	3/3/2024 10:51	5	0
456084	3/3/2024 10:46	3/3/2024 14:20	214	0
314188	3/3/2024 10:46	3/3/2024 20:08	562	0
260516	3/3/2024 10:47	3/3/2024 20:05	558	1.13
449377	3/3/2024 10:47	3/3/2024 11:23	36	0
415949	3/3/2024 10:47	3/3/2024 11:34	47	0
1704779	3/3/2024 10:47	3/3/2024 19:53	546	0.16
570321	3/3/2024 10:47	3/3/2024 20:09	562	0
274125	3/3/2024 10:48	3/3/2024 11:36	48	0
456048	3/3/2024 10:49	3/3/2024 14:19	210	0
315730	3/3/2024 10:49	3/3/2024 20:11	562	0.95
418876	3/3/2024 10:49	3/3/2024 11:31	42	0
417158	3/3/2024 10:49	3/3/2024 11:31	42	0
315169	3/3/2024 10:49	3/3/2024 20:05	556	0
195666	3/3/2024 10:49	3/4/2024 9:00	1330.13	0
1514004	3/3/2024 10:50	3/3/2024 20:07	557	0.09
1683861	3/3/2024 10:50	3/3/2024 11:06	16	0
1513541	3/3/2024 10:51	3/4/2024 9:00	1328.93	0
489481	3/3/2024 10:52	3/3/2024 11:34	42	0
500173	3/3/2024 10:52	3/3/2024 19:58	546	3.32
1516432	3/3/2024 10:52	3/3/2024 20:07	555	0.16
6280623	3/3/2024 10:52	3/3/2024 20:07	555	0.01
1516997	3/3/2024 10:52	3/3/2024 20:09	557	0.46
314899	3/3/2024 10:53	3/3/2024 20:05	552	0
1321114	3/3/2024 10:53	3/3/2024 19:58	545	0
1319739	3/3/2024 10:53	3/4/2024 9:00	1326.15	0
8104722	3/3/2024 10:54	3/3/2024 20:06	552	0
1385431	3/3/2024 10:54	3/3/2024 20:11	557	0
1320619	3/3/2024 10:54	3/3/2024 19:52	538	0
1320845	3/3/2024 10:55	3/3/2024 11:10	15	0
2032900	3/3/2024 10:55	3/3/2024 19:55	540	0.09
975066	3/3/2024 10:55	3/3/2024 20:07	552	0
8148103	3/3/2024 10:55	3/3/2024 14:09	194	0.59
506261	3/3/2024 10:55	3/3/2024 19:56	541	0.21
1517747	3/3/2024 10:55	3/3/2024 20:17	562	0.46
1493766	3/3/2024 10:55	3/3/2024 20:07	552	0
316997	3/3/2024 10:55	3/3/2024 14:09	194	0.19
569420	3/3/2024 10:56	3/3/2024 19:56	540	0
317084	3/3/2024 10:57	3/3/2024 20:13	556	0
1393633	3/3/2024 10:57	3/3/2024 20:05	548	0.52
523489	3/3/2024 10:57	3/3/2024 20:07	550	0.08
259674	3/3/2024 10:59	3/3/2024 20:05	546	0
1326419	3/3/2024 10:59	3/3/2024 15:16	257	0.03
1320646	3/3/2024 11:00	3/3/2024 20:03	543	0.86
1672745	3/3/2024 11:01	3/3/2024 20:07	546	0

1556243	3/3/2024 11:02	3/3/2024 20:13	551	0
587455	3/3/2024 11:02	3/3/2024 20:05	543	0
1412757	3/3/2024 11:02	3/3/2024 11:34	32	0
1550566	3/3/2024 11:03	3/3/2024 11:35	32	0
1417279	3/3/2024 11:04	3/3/2024 11:36	32	0.2
1431804	3/3/2024 11:04	3/3/2024 20:07	543	0.09
196965	3/3/2024 11:05	3/3/2024 20:09	544	0.62
281235	3/3/2024 11:05	3/3/2024 11:36	31	0
1432827	3/3/2024 11:05	3/3/2024 20:00	535	0
197356	3/3/2024 11:06	3/3/2024 20:07	541	0
1683861	3/3/2024 11:06	3/3/2024 20:05	539	0.59
1457350	3/3/2024 11:08	3/4/2024 9:00	1311.93	0
1405153	3/3/2024 11:08	3/3/2024 20:03	535	0
127206	3/3/2024 11:08	3/4/2024 9:00	1311.13	0
1321663	3/3/2024 11:09	3/3/2024 19:54	525	0
554089	3/3/2024 11:09	3/3/2024 11:14	5	0
1320845	3/3/2024 11:10	3/3/2024 14:39	209	0.16
29635	3/3/2024 11:11	3/4/2024 9:00	1308.13	0
1325985	3/3/2024 11:11	3/3/2024 19:56	525	0.18
1515733	3/3/2024 11:12	3/3/2024 14:27	195	0
554089	3/3/2024 11:14	3/3/2024 11:25	11	0
23462	3/3/2024 11:15	3/3/2024 11:25	10	0
198082	3/3/2024 11:20	3/3/2024 14:39	199	0
623069	3/3/2024 11:21	3/3/2024 11:52	31	0
449377	3/3/2024 11:23	3/3/2024 11:34	11	0
623612	3/3/2024 11:23	3/3/2024 11:49	26	0
555654	3/3/2024 11:24	3/4/2024 9:00	1295.48	0.01
552598	3/3/2024 11:24	3/3/2024 11:40	16	0
623871	3/3/2024 11:24	3/3/2024 11:50	26	0
554089	3/3/2024 11:25	3/3/2024 11:30	5	0
1321750	3/3/2024 11:25	3/3/2024 19:58	513	0
23462	3/3/2024 11:25	3/3/2024 11:57	32	0
25674	3/3/2024 11:29	3/4/2024 8:40	1271	0
554089	3/3/2024 11:30	3/3/2024 11:41	11	0
417158	3/3/2024 11:31	3/3/2024 12:18	47	0
561672	3/3/2024 11:31	3/3/2024 20:06	515	0
418876	3/3/2024 11:31	3/3/2024 12:18	47	0
416557	3/3/2024 11:32	3/3/2024 12:19	47	0
264379	3/3/2024 11:32	3/3/2024 12:04	32	0
188639	3/3/2024 11:32	3/4/2024 8:40	1268	0.01
415195	3/3/2024 11:33	3/3/2024 12:20	47	0.06
10393495	3/3/2024 11:34	3/3/2024 11:50	16	0
8068454	3/3/2024 11:34	3/3/2024 12:21	47	0
417096	3/3/2024 11:34	3/3/2024 12:16	42	0
1417138	3/3/2024 11:34	3/3/2024 11:50	16	0
1412757	3/3/2024 11:34	3/3/2024 13:50	136	0
489481	3/3/2024 11:34	3/3/2024 20:05	511	0

449377	3/3/2024 11:34	3/3/2024 11:55	21	0
415949	3/3/2024 11:34	3/3/2024 12:16	42	0
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274059	3/3/2024 11:36	3/3/2024 11:50	14	0
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274125	3/3/2024 11:36	3/3/2024 11:52	16	0
281235	3/3/2024 11:36	3/3/2024 11:52	16	0
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1453263	3/3/2024 11:39	3/3/2024 13:08	89	0
1444947	3/3/2024 11:39	3/3/2024 11:55	16	0
1038850	3/3/2024 11:40	3/4/2024 9:00	1279.27	0
7932279	3/3/2024 11:40	3/4/2024 9:00	1279.93	0
1511816	3/3/2024 11:40	3/4/2024 9:00	1279.93	0
552598	3/3/2024 11:40	3/3/2024 11:56	16	0
1447297	3/3/2024 11:41	3/3/2024 12:29	48	0
554089	3/3/2024 11:41	3/3/2024 11:46	5	0
8486022	3/3/2024 11:41	3/3/2024 11:57	16	0
1444636	3/3/2024 11:41	3/3/2024 11:57	16	0
1446401	3/3/2024 11:41	3/3/2024 11:56	15	0
1525423	3/3/2024 11:42	3/4/2024 9:00	1277.93	0
1456419	3/3/2024 11:42	3/3/2024 13:42	120	0
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1567514	3/3/2024 11:43	3/3/2024 14:31	168	0
1565203	3/3/2024 11:44	3/3/2024 14:32	168	0
1567316	3/3/2024 11:44	3/3/2024 14:32	168	0
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1041597	3/3/2024 11:46	3/3/2024 12:17	31	0
623612	3/3/2024 11:49	3/3/2024 12:05	16	0
1417138	3/3/2024 11:50	3/3/2024 14:10	140	0
274059	3/3/2024 11:50	3/3/2024 14:53	183	0.02
623871	3/3/2024 11:50	3/3/2024 12:06	16	0
449036	3/3/2024 11:50	3/3/2024 12:48	58	0.02
10393495	3/3/2024 11:50	3/3/2024 20:11	501	0
1441767	3/3/2024 11:51	3/3/2024 20:07	496	0.04
1417279	3/3/2024 11:51	3/3/2024 14:08	137	0.15
274125	3/3/2024 11:52	3/3/2024 14:51	179	0
1441766	3/3/2024 11:52	3/3/2024 20:16	504	0
623069	3/3/2024 11:52	3/3/2024 12:08	16	0
281235	3/3/2024 11:52	3/3/2024 14:51	179	0
449377	3/3/2024 11:55	3/3/2024 12:21	26	0
1444947	3/3/2024 11:55	3/3/2024 12:26	31	0
26864	3/3/2024 11:55	3/3/2024 20:09	494	0
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1446401	3/3/2024 11:56	3/3/2024 12:26	30	0
552598	3/3/2024 11:56	3/3/2024 12:54	58	0

8627374	3/3/2024 11:56	3/3/2024 20:09	493	0
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23462	3/3/2024 11:57	3/3/2024 13:42	105	0
8486022	3/3/2024 11:57	3/3/2024 12:29	32	0
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8950281	3/3/2024 12:03	3/3/2024 12:34	31	0
264379	3/3/2024 12:04	3/3/2024 12:51	47	0
926657	3/3/2024 12:05	3/3/2024 14:20	135	0
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623871	3/3/2024 12:06	3/4/2024 9:00	1253.48	0
928438	3/3/2024 12:06	3/4/2024 9:00	1253.83	0
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610737	3/3/2024 12:07	3/4/2024 9:00	1252.48	0.01
623069	3/3/2024 12:08	3/4/2024 9:00	1251.48	0
609850	3/3/2024 12:09	3/4/2024 9:00	1250.48	0.05
926505	3/3/2024 12:11	3/3/2024 20:04	473	0
415949	3/3/2024 12:16	3/3/2024 12:47	31	0
417096	3/3/2024 12:16	3/3/2024 12:48	32	0
1041597	3/3/2024 12:17	3/3/2024 12:59	42	0
418876	3/3/2024 12:18	3/3/2024 12:50	32	0
417158	3/3/2024 12:18	3/3/2024 12:50	32	0
416557	3/3/2024 12:19	3/3/2024 12:51	32	0
415195	3/3/2024 12:20	3/3/2024 12:46	26	0.03
449377	3/3/2024 12:21	3/3/2024 12:42	21	0
8068454	3/3/2024 12:21	3/3/2024 12:53	32	0
1447211	3/3/2024 12:25	3/3/2024 12:41	16	0
10714479	3/3/2024 12:26	3/4/2024 9:00	1233.93	0
1444947	3/3/2024 12:26	3/3/2024 14:43	137	0
1446401	3/3/2024 12:26	3/3/2024 15:56	210	0
1444636	3/3/2024 12:28	3/3/2024 14:39	131	0
8486022	3/3/2024 12:29	3/3/2024 15:59	210	0
1447297	3/3/2024 12:29	3/3/2024 12:39	10	0
51483	3/3/2024 12:32	3/3/2024 14:17	105	0
8950281	3/3/2024 12:34	3/3/2024 14:19	105	0
1447297	3/3/2024 12:39	3/4/2024 9:00	1220.93	0
1447211	3/3/2024 12:41	3/4/2024 9:00	1218.93	0
449377	3/3/2024 12:42	3/3/2024 13:03	21	0
353728	3/3/2024 12:43	3/3/2024 13:51	68	0
1597556	3/3/2024 12:44	3/3/2024 13:48	64	0.01
415195	3/3/2024 12:46	3/3/2024 13:49	63	0.01
415949	3/3/2024 12:47	3/3/2024 14:32	105	0
449036	3/3/2024 12:48	3/3/2024 13:03	15	0
1599209	3/3/2024 12:48	3/3/2024 13:45	57	0
417096	3/3/2024 12:48	3/3/2024 15:04	136	0

418876	3/3/2024 12:50	3/4/2024 9:00	1209.48	0
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264379	3/3/2024 12:51	3/4/2024 9:00	1208.13	0
416557	3/3/2024 12:51	3/3/2024 14:36	105	0
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1092960	3/3/2024 12:54	3/4/2024 9:00	1205.48	0
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348007	3/3/2024 12:58	3/4/2024 9:00	1201.13	0
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345427	3/3/2024 12:59	3/4/2024 9:00	1200.13	0
1041597	3/3/2024 12:59	3/3/2024 14:18	79	0
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756553	3/3/2024 13:02	3/4/2024 9:00	1197.48	0
449377	3/3/2024 13:03	3/3/2024 13:29	26	0
449036	3/3/2024 13:03	3/3/2024 14:21	78	0.18
988954	3/3/2024 13:04	3/3/2024 15:36	152	0
1453263	3/3/2024 13:08	3/3/2024 13:40	32	0
1267978	3/3/2024 13:20	3/3/2024 14:05	45	0
926638	3/3/2024 13:23	3/3/2024 20:00	397	0
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35442	3/3/2024 13:26	3/3/2024 20:14	408	0
34832	3/3/2024 13:27	3/3/2024 20:06	399	0
25066	3/3/2024 13:28	3/4/2024 9:00	1171.13	0
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23566	3/3/2024 13:29	3/4/2024 9:00	1170.13	0
70866	3/3/2024 13:34	3/4/2024 9:00	1165.13	0
449377	3/3/2024 13:35	3/3/2024 14:22	47	0
204700	3/3/2024 13:38	3/3/2024 20:07	389	0
204963	3/3/2024 13:40	3/3/2024 20:09	389	0
1453263	3/3/2024 13:40	3/3/2024 14:43	63	0
23462	3/3/2024 13:42	3/3/2024 14:13	31	0
1456419	3/3/2024 13:42	3/3/2024 14:24	42	0
1599209	3/3/2024 13:45	3/3/2024 15:31	106	0
353082	3/3/2024 13:46	3/3/2024 14:12	26	0.01
353651	3/3/2024 13:46	3/3/2024 14:15	29	0
328113	3/3/2024 13:47	3/3/2024 15:32	105	0
1597556	3/3/2024 13:48	3/3/2024 15:33	105	0
415195	3/3/2024 13:49	3/3/2024 14:36	47	0
1412757	3/3/2024 13:50	3/3/2024 14:17	27	0
353728	3/3/2024 13:51	3/3/2024 14:28	37	0
1538577	3/3/2024 13:52	3/3/2024 20:10	378	0
1539391	3/3/2024 13:52	3/3/2024 20:15	383	0
1325831	3/3/2024 13:58	3/3/2024 14:45	47	0
1267978	3/3/2024 14:05	3/3/2024 14:20	15	0
8068454	3/3/2024 14:06	3/3/2024 14:22	16	0

313954	3/3/2024 14:07	3/4/2024 9:00	1132.13	0
314564	3/3/2024 14:08	3/4/2024 9:00	1131.13	0
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8148103	3/3/2024 14:09	3/3/2024 20:17	368	0
314163	3/3/2024 14:09	3/4/2024 9:00	1130.13	0
316997	3/3/2024 14:09	3/3/2024 20:11	362	0
1417138	3/3/2024 14:10	3/3/2024 14:21	11	0
313731	3/3/2024 14:12	3/4/2024 9:00	1127.13	0
315380	3/3/2024 14:12	3/4/2024 9:00	1127.13	0
353082	3/3/2024 14:12	3/3/2024 14:28	16	0.03
10371797	3/3/2024 14:12	3/4/2024 9:00	1127.13	0
315604	3/3/2024 14:12	3/4/2024 9:00	1127.13	0
317233	3/3/2024 14:13	3/3/2024 14:55	42	0
23462	3/3/2024 14:13	3/3/2024 14:29	16	0
353651	3/3/2024 14:15	3/3/2024 14:30	15	0
1412757	3/3/2024 14:17	3/3/2024 15:51	94	0
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1041597	3/3/2024 14:18	3/3/2024 14:33	15	0
456048	3/3/2024 14:19	3/3/2024 20:06	347	0
8950281	3/3/2024 14:19	3/3/2024 14:45	26	0
926657	3/3/2024 14:20	3/3/2024 14:36	16	0
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449036	3/3/2024 14:21	3/3/2024 14:36	15	0
449377	3/3/2024 14:22	3/3/2024 14:53	31	0
8068454	3/3/2024 14:22	3/3/2024 14:38	16	0
1332906	3/3/2024 14:23	3/3/2024 14:55	32	0
646026	3/3/2024 14:24	3/3/2024 14:40	16	0
1456419	3/3/2024 14:24	3/3/2024 14:40	16	0
645339	3/3/2024 14:26	3/3/2024 14:41	15	0
564518	3/3/2024 14:26	3/3/2024 14:42	16	0
336103	3/3/2024 14:26	3/3/2024 14:58	32	0
1515733	3/3/2024 14:27	3/3/2024 20:13	346	0
353728	3/3/2024 14:28	3/4/2024 8:03	1055	0
353082	3/3/2024 14:28	3/3/2024 14:44	16	0.04
23462	3/3/2024 14:29	3/3/2024 14:55	26	0
353651	3/3/2024 14:30	3/3/2024 14:45	15	0
1567514	3/3/2024 14:31	3/3/2024 14:47	16	0
415949	3/3/2024 14:32	3/3/2024 19:56	324	0
1565203	3/3/2024 14:32	3/3/2024 14:48	16	0
1567316	3/3/2024 14:32	3/3/2024 14:48	16	0
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416557	3/3/2024 14:36	3/3/2024 19:51	315	0
415195	3/3/2024 14:36	3/3/2024 15:08	32	0

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926657	3/3/2024 14:36	3/3/2024 15:02	26	0
338734	3/3/2024 14:37	3/3/2024 20:08	331	0
1417138	3/3/2024 14:37	3/3/2024 20:07	330	0
8068454	3/3/2024 14:38	3/3/2024 20:07	329	0
10659208	3/3/2024 14:38	3/3/2024 20:08	330	0
1320845	3/3/2024 14:39	3/3/2024 14:55	16	0
509102	3/3/2024 14:39	3/3/2024 19:59	320	0
198082	3/3/2024 14:39	3/3/2024 20:10	331	0
519373	3/3/2024 14:39	3/3/2024 20:15	336	0.44
510522	3/3/2024 14:39	3/3/2024 19:59	320	0
1444636	3/3/2024 14:39	3/3/2024 20:10	331	0
511223	3/3/2024 14:39	3/3/2024 19:59	320	0
646026	3/3/2024 14:40	3/3/2024 20:05	325	0
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8206792	3/3/2024 14:41	3/3/2024 20:12	331	0
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1453263	3/3/2024 14:43	3/3/2024 20:08	325	0
1444947	3/3/2024 14:43	3/3/2024 20:08	325	0
353082	3/3/2024 14:44	3/3/2024 20:13	329	0
1041597	3/3/2024 14:44	3/3/2024 19:59	315	0
8950281	3/3/2024 14:45	3/3/2024 20:11	326	0
353651	3/3/2024 14:45	3/3/2024 20:06	321	0
1325831	3/3/2024 14:45	3/3/2024 19:55	310	0
445201	3/3/2024 14:46	3/3/2024 20:10	324	0
1564506	3/3/2024 14:46	3/3/2024 20:12	326	0
1064514	3/3/2024 14:47	3/3/2024 19:57	310	0
330528	3/3/2024 14:47	3/3/2024 19:28	281	0
1567514	3/3/2024 14:47	3/3/2024 20:13	326	0
1064575	3/3/2024 14:47	3/3/2024 20:04	317	0
51483	3/3/2024 14:48	3/3/2024 20:09	321	0
1565203	3/3/2024 14:48	3/3/2024 20:13	325	0
1567316	3/3/2024 14:48	3/3/2024 20:08	320	0
281235	3/3/2024 14:51	3/3/2024 20:11	320	0
274125	3/3/2024 14:51	3/3/2024 20:12	321	0
449036	3/3/2024 14:52	3/3/2024 20:03	311	0
449377	3/3/2024 14:53	3/3/2024 15:15	22	0
274059	3/3/2024 14:53	3/3/2024 20:08	315	0
1332906	3/3/2024 14:55	3/3/2024 19:54	299	0
1320845	3/3/2024 14:55	3/3/2024 20:57	362	0.08
23462	3/3/2024 14:55	3/3/2024 20:05	310	0
317233	3/3/2024 14:55	3/3/2024 20:05	310	0
336103	3/3/2024 14:58	3/3/2024 20:07	309	0
926657	3/3/2024 15:02	3/4/2024 1:49	647	0
417096	3/3/2024 15:04	3/3/2024 19:58	294	0

1446785	3/3/2024 15:07	3/3/2024 20:12	305	0
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415195	3/3/2024 15:08	3/3/2024 20:07	299	0
12682110	3/3/2024 15:08	3/3/2024 20:13	305	0
10659831	3/3/2024 15:11	3/3/2024 20:10	299	0
449377	3/3/2024 15:15	3/3/2024 15:51	36	0
1326419	3/3/2024 15:16	3/3/2024 20:06	290	0
1599209	3/3/2024 15:31	3/3/2024 15:47	16	0
328113	3/3/2024 15:32	3/3/2024 20:10	278	0
1597556	3/3/2024 15:33	3/3/2024 15:43	10	0
988954	3/3/2024 15:36	3/3/2024 19:53	257	0
1597556	3/3/2024 15:43	3/3/2024 20:06	263	0
1599209	3/3/2024 15:47	3/3/2024 19:58	251	0
56196	3/3/2024 15:48	3/3/2024 20:10	262	0
1412757	3/3/2024 15:51	3/3/2024 20:05	254	0
449377	3/3/2024 15:51	3/3/2024 16:07	16	0
1446401	3/3/2024 15:56	3/3/2024 20:07	251	0
8486022	3/3/2024 15:59	3/3/2024 20:11	252	0
1267978	3/3/2024 16:05	3/3/2024 20:00	235	0
449377	3/3/2024 16:07	3/3/2024 16:57	50	0
1349766	3/3/2024 16:35	3/3/2024 20:03	208	0
1348976	3/3/2024 16:35	3/3/2024 20:10	215	0
871033	3/3/2024 16:37	3/3/2024 20:02	205	0
1349083	3/3/2024 16:38	3/3/2024 20:13	215	0
449377	3/3/2024 16:57	3/3/2024 17:09	12	0
1301644	3/3/2024 17:01	3/3/2024 19:54	173	0
449377	3/3/2024 17:09	3/3/2024 17:45	36	0
449377	3/3/2024 17:45	3/3/2024 18:33	48	0
449377	3/3/2024 18:33	3/3/2024 18:43	10	0
449377	3/3/2024 18:43	3/3/2024 20:02	79	0
279780	3/3/2024 19:05	3/4/2024 9:00	834.13	0
330528	3/3/2024 19:28	3/4/2024 9:00	811.13	0
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1430553	3/3/2024 19:48	3/4/2024 9:00	791.93	0
10433250	3/3/2024 19:48	3/4/2024 9:00	791.15	0
1430838	3/3/2024 19:49	3/4/2024 9:00	790.93	0
1321605	3/3/2024 19:49	3/4/2024 9:00	790.15	0
1430644	3/3/2024 19:51	3/4/2024 9:00	788.93	0
416557	3/3/2024 19:51	3/4/2024 9:00	788.48	0
1309098	3/3/2024 19:51	3/4/2024 9:00	788.15	0
1320619	3/3/2024 19:52	3/4/2024 9:00	787.15	0
1654064	3/3/2024 19:53	3/4/2024 9:00	786.27	0
988954	3/3/2024 19:53	3/4/2024 9:00	786.27	0
1704779	3/3/2024 19:53	3/4/2024 9:00	786.15	0
1321663	3/3/2024 19:54	3/4/2024 9:00	785.15	0
1332906	3/3/2024 19:54	3/4/2024 9:00	785.15	0

1301644	3/3/2024 19:54	3/4/2024 9:00	785.15	0
1320008	3/3/2024 19:54	3/4/2024 9:00	785.15	0
2032900	3/3/2024 19:55	3/4/2024 9:00	784.15	0
1325831	3/3/2024 19:55	3/4/2024 9:00	784.15	0
415949	3/3/2024 19:56	3/4/2024 9:00	783.48	0
506261	3/3/2024 19:56	3/4/2024 9:00	783.48	0
1325985	3/3/2024 19:56	3/4/2024 9:00	783.15	0
569420	3/3/2024 19:56	3/4/2024 9:00	783.48	0
817825	3/3/2024 19:57	3/4/2024 9:00	782.83	0
1064514	3/3/2024 19:57	3/4/2024 9:00	782.27	0
1321114	3/3/2024 19:58	3/4/2024 9:00	781.15	0
1599209	3/3/2024 19:58	3/4/2024 9:00	781.93	0
417096	3/3/2024 19:58	3/4/2024 9:00	781.48	0
1321750	3/3/2024 19:58	3/4/2024 9:00	781.15	0
500173	3/3/2024 19:58	3/4/2024 9:00	781.48	0
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511266	3/3/2024 19:59	3/4/2024 9:00	780.48	0
511223	3/3/2024 19:59	3/4/2024 9:00	780.48	0
195839	3/3/2024 19:59	3/4/2024 9:00	780.13	0
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197690	3/3/2024 20:00	3/4/2024 9:00	779.13	0
926638	3/3/2024 20:00	3/4/2024 9:00	779.83	0
1432827	3/3/2024 20:00	3/4/2024 9:00	779.93	0
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456084	3/3/2024 20:01	3/4/2024 9:00	778.48	0
1503634	3/3/2024 20:02	3/4/2024 9:00	777.15	0
449377	3/3/2024 20:02	3/3/2024 20:33	31	0
871033	3/3/2024 20:02	3/4/2024 9:00	777.83	0
449036	3/3/2024 20:03	3/4/2024 9:00	776.48	0
1320646	3/3/2024 20:03	3/4/2024 9:00	776.15	0
1405153	3/3/2024 20:03	3/4/2024 9:00	776.15	0
564518	3/3/2024 20:03	3/4/2024 9:00	776.48	0
1349766	3/3/2024 20:03	3/4/2024 9:00	776.15	0
1704232	3/3/2024 20:04	3/4/2024 9:00	775.15	0
926505	3/3/2024 20:04	3/4/2024 9:00	775.83	0
793285	3/3/2024 20:04	3/4/2024 9:00	775.83	0
1064575	3/3/2024 20:04	3/4/2024 9:00	775.27	0
489481	3/3/2024 20:05	3/4/2024 9:00	774.48	0
552210	3/3/2024 20:05	3/4/2024 9:00	774.48	0
315169	3/3/2024 20:05	3/4/2024 8:46	761	0
197883	3/3/2024 20:05	3/4/2024 9:00	774.13	0
260516	3/3/2024 20:05	3/4/2024 9:00	774.13	0

317233	3/3/2024 20:05	3/4/2024 9:00	774.13	0
1393699	3/3/2024 20:05	3/4/2024 9:00	774.15	0
314899	3/3/2024 20:05	3/4/2024 9:00	774.13	0
587455	3/3/2024 20:05	3/4/2024 9:00	774.48	0
1412757	3/3/2024 20:05	3/4/2024 9:00	774.15	0
259674	3/3/2024 20:05	3/4/2024 9:00	774.13	0
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1393633	3/3/2024 20:05	3/4/2024 9:00	774.15	0
23462	3/3/2024 20:05	3/4/2024 9:00	774.13	0
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1417279	3/3/2024 20:06	3/4/2024 9:00	773.15	0
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8104722	3/3/2024 20:06	3/4/2024 9:00	773.13	0
1190246	3/3/2024 20:06	3/4/2024 9:00	773.15	0
317797	3/3/2024 20:06	3/4/2024 9:00	773.13	0
456048	3/3/2024 20:06	3/4/2024 9:00	773.48	0
34832	3/3/2024 20:06	3/4/2024 9:00	773.13	0
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588892	3/3/2024 20:06	3/4/2024 9:00	773.48	0
1415828	3/3/2024 20:06	3/4/2024 9:00	773.15	0
1310926	3/3/2024 20:06	3/4/2024 9:00	773.15	0
561672	3/3/2024 20:06	3/4/2024 9:00	773.48	0
1326419	3/3/2024 20:06	3/4/2024 9:00	773.15	0
574993	3/3/2024 20:06	3/4/2024 9:00	773.48	0
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1597556	3/3/2024 20:06	3/4/2024 9:00	773.93	0
1441767	3/3/2024 20:07	3/4/2024 9:00	772.93	0
1466357	3/3/2024 20:07	3/4/2024 9:00	772.93	0
415195	3/3/2024 20:07	3/4/2024 9:00	772.48	0
328911	3/3/2024 20:07	3/4/2024 9:00	772.13	0
6280623	3/3/2024 20:07	3/4/2024 9:00	772.13	0
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975066	3/3/2024 20:07	3/4/2024 9:00	772.27	0
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336103	3/3/2024 20:07	3/4/2024 9:00	772.13	0
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645339	3/3/2024 20:07	3/4/2024 9:00	772.48	0
1431804	3/3/2024 20:07	3/4/2024 9:00	772.93	0
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197356	3/3/2024 20:07	3/4/2024 9:00	772.13	0
1446401	3/3/2024 20:07	3/4/2024 9:00	772.93	0
1493766	3/3/2024 20:07	3/4/2024 9:00	772.15	0

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1518000	3/3/2024 20:07	3/4/2024 9:00	772.93	0
523489	3/3/2024 20:07	3/4/2024 9:00	772.13	0
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1456419	3/3/2024 20:07	3/4/2024 9:00	772.93	0
8068454	3/3/2024 20:07	3/4/2024 9:00	772.48	0
1251782	3/3/2024 20:08	3/4/2024 9:00	771.83	0
1567316	3/3/2024 20:08	3/4/2024 9:00	771.93	0
11081884	3/3/2024 20:08	3/4/2024 8:50	762	0
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1444947	3/3/2024 20:08	3/4/2024 9:00	771.93	0
274059	3/3/2024 20:08	3/4/2024 9:00	771.13	0
314188	3/3/2024 20:08	3/4/2024 8:49	761	0
338734	3/3/2024 20:08	3/4/2024 9:00	771.13	0
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204963	3/3/2024 20:09	3/4/2024 9:00	770.13	0
196965	3/3/2024 20:09	3/4/2024 9:00	770.13	0
1516997	3/3/2024 20:09	3/4/2024 9:00	770.93	0
1430294	3/3/2024 20:09	3/4/2024 9:00	770.93	0
51483	3/3/2024 20:09	3/4/2024 8:34	745	0
570321	3/3/2024 20:09	3/4/2024 9:00	770.48	0
8627374	3/3/2024 20:09	3/4/2024 9:00	770.93	0
26864	3/3/2024 20:09	3/4/2024 9:00	770.13	0
56196	3/3/2024 20:10	3/4/2024 9:00	769.13	0
1444636	3/3/2024 20:10	3/4/2024 9:00	769.93	0
1348976	3/3/2024 20:10	3/4/2024 9:00	769.15	0
445201	3/3/2024 20:10	3/4/2024 9:00	769.48	0
1538577	3/3/2024 20:10	3/4/2024 9:00	769.93	0
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34887	3/3/2024 20:10	3/4/2024 9:00	769.13	0
328113	3/3/2024 20:10	3/4/2024 9:00	769.13	0
8950281	3/3/2024 20:11	3/4/2024 8:31	740	0
1494722	3/3/2024 20:11	3/4/2024 9:00	768.15	0
8486022	3/3/2024 20:11	3/4/2024 9:00	768.93	0
10393495	3/3/2024 20:11	3/4/2024 9:00	768.13	0
316997	3/3/2024 20:11	3/4/2024 9:00	768.13	0
315730	3/3/2024 20:11	3/4/2024 8:47	756	0
1450250	3/3/2024 20:11	3/4/2024 9:00	768.93	0
281235	3/3/2024 20:11	3/4/2024 9:00	768.13	0
664453	3/3/2024 20:11	3/4/2024 9:00	768.83	0
1385431	3/3/2024 20:11	3/4/2024 9:00	768.15	0
1604432	3/3/2024 20:12	3/4/2024 9:00	767.93	0
1564506	3/3/2024 20:12	3/4/2024 9:00	767.93	0
1515964	3/3/2024 20:12	3/4/2024 9:00	767.93	0

274125	3/3/2024 20:12	3/4/2024 9:00	767.13	0
1515678	3/3/2024 20:12	3/4/2024 9:00	767.93	0
1465391	3/3/2024 20:12	3/4/2024 8:24	732	0
1446785	3/3/2024 20:12	3/4/2024 9:00	767.93	0
8206792	3/3/2024 20:12	3/4/2024 9:00	767.93	0
1517239	3/3/2024 20:13	3/4/2024 9:00	766.93	0
1515733	3/3/2024 20:13	3/4/2024 9:00	766.93	0
317084	3/3/2024 20:13	3/4/2024 9:00	766.13	0
1394324	3/3/2024 20:13	3/4/2024 9:00	766.15	0
1556243	3/3/2024 20:13	3/4/2024 9:00	766.93	0
1349083	3/3/2024 20:13	3/4/2024 9:00	766.15	0
353082	3/3/2024 20:13	3/4/2024 9:00	766.13	0
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12682110	3/3/2024 20:13	3/4/2024 9:00	766.93	0
1469270	3/3/2024 20:14	3/4/2024 9:00	765.93	0
35442	3/3/2024 20:14	3/4/2024 9:00	765.13	0
9063373	3/3/2024 20:14	3/4/2024 9:00	765.15	0
1554218	3/3/2024 20:14	3/4/2024 9:00	765.93	0
1556434	3/3/2024 20:15	3/4/2024 9:00	764.93	0
1539391	3/3/2024 20:15	3/4/2024 9:00	764.93	0
519373	3/3/2024 20:15	3/4/2024 9:00	764.13	0
1514256	3/3/2024 20:15	3/4/2024 9:00	764.93	0
1441766	3/3/2024 20:16	3/4/2024 9:00	763.93	0
1517747	3/3/2024 20:17	3/4/2024 9:00	762.93	0
8148103	3/3/2024 20:17	3/4/2024 9:00	762.13	0
1517291	3/3/2024 20:20	3/4/2024 9:00	759.93	0
449377	3/3/2024 20:33	3/3/2024 21:00	27	0
1522301	3/3/2024 20:37	3/4/2024 9:00	742.93	0
1550566	3/3/2024 20:38	3/4/2024 9:00	741.93	0
507365	3/3/2024 20:47	3/4/2024 9:00	732.48	0
1320845	3/3/2024 20:57	3/4/2024 9:00	722.15	0
449377	3/3/2024 21:00	3/3/2024 21:21	21	0
449377	3/3/2024 21:21	3/3/2024 22:16	55	0
816722	3/3/2024 21:41	3/4/2024 9:00	678.83	0
449377	3/3/2024 22:16	3/3/2024 23:06	50	0
449377	3/3/2024 23:06	3/4/2024 0:24	78	0
449377	3/4/2024 0:24	3/4/2024 1:54	90	0
926657	3/4/2024 1:49	3/4/2024 9:00	430.83	0
449377	3/4/2024 1:54	3/4/2024 3:02	68	0
449377	3/4/2024 3:02	3/4/2024 3:18	16	0
449377	3/4/2024 3:18	3/4/2024 3:44	26	0
449377	3/4/2024 3:44	3/4/2024 3:54	10	0
449377	3/4/2024 3:54	3/4/2024 4:26	32	0
449377	3/4/2024 4:26	3/4/2024 5:45	79	0
449377	3/4/2024 5:45	3/4/2024 6:21	36	0
281456	3/4/2024 6:08	3/4/2024 9:00	171.13	0

449377	3/4/2024 6:21	3/4/2024 7:09	48	0
449377	3/4/2024 7:09	3/4/2024 8:12	63	0
353728	3/4/2024 8:03	3/4/2024 9:00	56.13	0
449377	3/4/2024 8:12	3/4/2024 9:00	47.48	0
1465391	3/4/2024 8:24	3/4/2024 9:00	35.93	0
8950281	3/4/2024 8:31	3/4/2024 9:00	28.13	0
51483	3/4/2024 8:34	3/4/2024 9:00	25.13	0
30471	3/4/2024 8:39	3/4/2024 9:00	20.13	0
25674	3/4/2024 8:40	3/4/2024 9:00	19.13	0
27483	3/4/2024 8:40	3/4/2024 9:00	19.13	0
188639	3/4/2024 8:40	3/4/2024 9:00	19.13	0
29848	3/4/2024 8:41	3/4/2024 9:00	18.13	0
24124	3/4/2024 8:42	3/4/2024 9:00	17.13	0
385332	3/4/2024 8:42	3/4/2024 9:00	17.48	0
28509	3/4/2024 8:42	3/4/2024 9:00	17.13	0
189581	3/4/2024 8:45	3/4/2024 9:00	14.13	0
315169	3/4/2024 8:46	3/4/2024 9:00	13.13	0
315730	3/4/2024 8:47	3/4/2024 9:00	12.13	0
68620	3/4/2024 8:48	3/4/2024 9:00	11.13	0.03
314188	3/4/2024 8:49	3/4/2024 9:00	10.13	0
69207	3/4/2024 8:50	3/4/2024 9:00	9.13	0
11081884	3/4/2024 8:50	3/4/2024 9:00	9.13	0
1366197	3/4/2024 9:00	3/5/2024 9:00	1439.15	0
7879030	3/4/2024 9:00	3/5/2024 9:00	1439.48	0
447406	3/4/2024 9:00	3/5/2024 9:00	1439.48	0
7937779	3/4/2024 9:00	3/4/2024 10:14	74	0
811953	3/4/2024 9:00	3/5/2024 9:00	1439.83	0
1348731	3/4/2024 9:00	3/5/2024 9:00	1439.15	0
1493132	3/4/2024 9:00	3/4/2024 13:12	252	2.78
1516786	3/4/2024 9:00	3/4/2024 14:44	344	0
953854	3/4/2024 9:00	3/5/2024 9:00	1439.27	0
1352388	3/4/2024 9:00	3/5/2024 9:00	1439.15	0
1413046	3/4/2024 9:00	3/5/2024 9:00	1439.15	0
664030	3/4/2024 9:00	3/5/2024 9:00	1439.83	0
1453263	3/4/2024 9:00	3/4/2024 10:56	116	0
10714479	3/4/2024 9:00	3/5/2024 9:00	1439.93	0
675499	3/4/2024 9:00	3/5/2024 9:00	1439.83	0
319279	3/4/2024 9:00	3/5/2024 9:00	1439.13	0
188639	3/4/2024 9:00	3/4/2024 18:59	599	1.66
1513541	3/4/2024 9:00	3/5/2024 9:00	1439.93	0
96751	3/4/2024 9:00	3/4/2024 10:35	95	0
444688	3/4/2024 9:00	3/5/2024 9:00	1439.48	0
1701172	3/4/2024 9:00	3/4/2024 11:38	158	0
574993	3/4/2024 9:00	3/4/2024 14:07	307	0
1516579	3/4/2024 9:00	3/4/2024 10:54	114	0
8724096	3/4/2024 9:00	3/5/2024 9:00	1439.15	0
1416360	3/4/2024 9:01	3/4/2024 20:13	672	0

313731	3/4/2024 9:01	3/5/2024 9:00	1438.13	0.94
926505	3/4/2024 9:02	3/5/2024 9:00	1437.83	0
281056	3/4/2024 9:04	3/4/2024 20:16	672	0.09
580808	3/4/2024 9:05	3/4/2024 18:27	562	0
274131	3/4/2024 9:06	3/4/2024 11:33	147	0
1288420	3/4/2024 9:06	3/5/2024 9:00	1433.15	0
1602630	3/4/2024 9:06	3/4/2024 11:33	147	0.84
562202	3/4/2024 9:06	3/5/2024 9:00	1433.48	0
345752	3/4/2024 9:06	3/5/2024 9:00	1433.13	0
10222019	3/4/2024 9:07	3/5/2024 9:00	1432.15	0
202435	3/4/2024 9:07	3/5/2024 9:00	1432.13	0
554089	3/4/2024 9:07	3/5/2024 9:00	1432.48	0
8950281	3/4/2024 9:08	3/4/2024 10:32	84	0
1394324	3/4/2024 9:08	3/4/2024 10:48	100	0
280173	3/4/2024 9:08	3/4/2024 11:37	149	0
317797	3/4/2024 9:08	3/4/2024 10:53	105	0
25674	3/4/2024 9:11	3/4/2024 17:56	525	0
189581	3/4/2024 9:11	3/4/2024 20:21	670	0.1
30471	3/4/2024 9:11	3/4/2024 20:14	663	0.46
27483	3/4/2024 9:12	3/4/2024 20:19	667	0.45
34905	3/4/2024 9:13	3/4/2024 10:26	73	0
29848	3/4/2024 9:13	3/4/2024 20:19	666	1.32
29635	3/4/2024 9:13	3/4/2024 10:11	58	0
28509	3/4/2024 9:13	3/4/2024 20:15	662	0.49
385332	3/4/2024 9:14	3/4/2024 19:55	641	0
24124	3/4/2024 9:14	3/4/2024 20:20	666	0
183822	3/4/2024 9:15	3/4/2024 20:21	666	0
320966	3/4/2024 9:18	3/4/2024 14:33	315	0
315169	3/4/2024 9:18	3/4/2024 11:35	137	0
315730	3/4/2024 9:19	3/4/2024 11:35	136	0.2
1604432	3/4/2024 9:19	3/4/2024 11:36	137	0.8
314188	3/4/2024 9:21	3/4/2024 11:32	131	0
1554218	3/4/2024 9:21	3/4/2024 11:33	132	0
1190246	3/4/2024 9:24	3/4/2024 19:27	603	0.19
26864	3/4/2024 9:26	3/4/2024 20:16	650	0
1465391	3/4/2024 9:27	3/4/2024 14:10	283	0
25066	3/4/2024 9:28	3/4/2024 11:29	121	0
1494722	3/4/2024 9:29	3/4/2024 20:18	649	2.05
1393699	3/4/2024 9:31	3/4/2024 20:16	645	1.33
70866	3/4/2024 9:32	3/4/2024 11:34	122	0
23566	3/4/2024 9:34	3/4/2024 11:30	116	0
1624452	3/4/2024 9:34	3/4/2024 11:35	121	0
11081884	3/4/2024 9:35	3/4/2024 20:20	645	0
1417138	3/4/2024 9:36	3/4/2024 20:16	640	0
664453	3/4/2024 9:39	3/4/2024 20:10	631	0
1466357	3/4/2024 9:40	3/4/2024 14:13	273	0
975032	3/4/2024 9:41	3/4/2024 10:12	31	0

8511623	3/4/2024 9:42	3/4/2024 11:38	116	0
1400258	3/4/2024 9:43	3/4/2024 10:28	45	0
23462	3/4/2024 9:43	3/4/2024 10:14	31	0
49209	3/4/2024 9:45	3/4/2024 20:22	637	0
47769	3/4/2024 9:45	3/4/2024 20:10	625	0.14
69207	3/4/2024 9:47	3/4/2024 10:03	16	0
1430553	3/4/2024 9:48	3/4/2024 11:33	105	0
1430838	3/4/2024 9:49	3/4/2024 11:34	105	0
195839	3/4/2024 9:49	3/4/2024 10:04	15	0
1421188	3/4/2024 9:50	3/4/2024 20:09	619	0
196408	3/4/2024 9:50	3/4/2024 10:06	16	0
195163	3/4/2024 9:50	3/4/2024 19:54	604	0
1683861	3/4/2024 9:51	3/4/2024 11:26	95	0.32
68620	3/4/2024 9:51	3/4/2024 10:07	16	0
1515733	3/4/2024 9:52	3/4/2024 11:42	110	1.67
197883	3/4/2024 9:52	3/4/2024 10:08	16	0
197690	3/4/2024 9:53	3/4/2024 10:03	10	0
1321750	3/4/2024 9:53	3/4/2024 10:39	46	0
574596	3/4/2024 9:53	3/4/2024 14:08	255	0
1320845	3/4/2024 9:54	3/4/2024 11:39	105	0
975066	3/4/2024 9:55	3/4/2024 10:11	16	0
1321605	3/4/2024 9:57	3/4/2024 11:42	105	0.02
195666	3/4/2024 9:57	3/4/2024 10:07	10	0
593397	3/4/2024 9:58	3/4/2024 20:02	604	0.15
1320646	3/4/2024 9:59	3/4/2024 11:39	100	0
30176	3/4/2024 9:59	3/4/2024 10:30	31	0
28110	3/4/2024 9:59	3/4/2024 10:30	31	0
30380	3/4/2024 9:59	3/4/2024 10:30	31	0
30370	3/4/2024 10:01	3/4/2024 10:27	26	0
1556486	3/4/2024 10:02	3/4/2024 11:37	95	0
69207	3/4/2024 10:03	3/4/2024 10:19	16	0
593798	3/4/2024 10:03	3/4/2024 20:01	598	0
1412757	3/4/2024 10:03	3/4/2024 11:32	89	0
197690	3/4/2024 10:03	3/4/2024 20:11	608	0
1430294	3/4/2024 10:03	3/4/2024 11:33	90	0.08
852071	3/4/2024 10:04	3/4/2024 12:06	122	0
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574740	3/4/2024 10:05	3/4/2024 14:07	242	0
1417279	3/4/2024 10:05	3/4/2024 20:03	598	0.73
68308	3/4/2024 10:06	3/4/2024 10:17	11	0
506261	3/4/2024 10:06	3/4/2024 20:14	608	0.07
196408	3/4/2024 10:06	3/4/2024 20:11	605	0.04
1556434	3/4/2024 10:07	3/4/2024 11:36	89	0
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68620	3/4/2024 10:07	3/4/2024 10:17	10	0
193791	3/4/2024 10:08	3/4/2024 20:17	609	0
197883	3/4/2024 10:08	3/4/2024 20:12	604	0.3

34613	3/4/2024 10:10	3/4/2024 10:26	16	0
29635	3/4/2024 10:11	3/4/2024 10:27	16	0
975066	3/4/2024 10:11	3/4/2024 20:04	593	0
24369	3/4/2024 10:11	3/4/2024 10:26	15	0
27443	3/4/2024 10:11	3/4/2024 10:27	16	0.01
29748	3/4/2024 10:11	3/4/2024 10:27	16	0
1393633	3/4/2024 10:12	3/4/2024 20:04	592	1.89
975032	3/4/2024 10:12	3/4/2024 10:54	42	0
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1251782	3/4/2024 10:14	3/4/2024 20:12	598	0
23462	3/4/2024 10:14	3/4/2024 10:30	16	0
34887	3/4/2024 10:15	3/4/2024 10:31	16	0
1565203	3/4/2024 10:15	3/4/2024 10:47	32	0
35442	3/4/2024 10:16	3/4/2024 10:30	14	0
12378019	3/4/2024 10:16	3/4/2024 11:19	63	0
561672	3/4/2024 10:16	3/4/2024 20:20	604	0
68620	3/4/2024 10:17	3/4/2024 16:04	347	0
68308	3/4/2024 10:17	3/4/2024 20:19	602	0
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449377	3/4/2024 10:18	3/4/2024 10:39	21	0
69207	3/4/2024 10:19	3/4/2024 16:06	347	0
8434548	3/4/2024 10:19	3/4/2024 11:16	57	0.05
507365	3/4/2024 10:20	3/4/2024 20:16	596	0
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198082	3/4/2024 10:21	3/5/2024 9:00	1358.13	0
510307	3/4/2024 10:21	3/4/2024 20:04	583	0.49
511266	3/4/2024 10:22	3/4/2024 20:15	593	0
317233	3/4/2024 10:23	3/4/2024 20:01	578	0.66
793285	3/4/2024 10:23	3/4/2024 20:06	583	0
790670	3/4/2024 10:24	3/4/2024 20:07	583	0
6280623	3/4/2024 10:24	3/4/2024 20:16	592	0
317084	3/4/2024 10:24	3/4/2024 20:23	599	0
6714863	3/4/2024 10:25	3/4/2024 20:13	588	0
24369	3/4/2024 10:26	3/4/2024 20:20	594	0
34613	3/4/2024 10:26	3/4/2024 20:19	593	0.04
353651	3/4/2024 10:26	3/4/2024 20:13	587	0
1468500	3/4/2024 10:26	3/4/2024 14:11	225	0
34905	3/4/2024 10:26	3/4/2024 20:19	593	0.07
30370	3/4/2024 10:27	3/4/2024 20:12	585	0.05
27443	3/4/2024 10:27	3/4/2024 20:20	593	0.11
23464	3/4/2024 10:27	3/4/2024 20:04	577	0
353082	3/4/2024 10:27	3/4/2024 20:21	594	0.71
523489	3/4/2024 10:27	3/4/2024 20:16	589	0.8
29748	3/4/2024 10:27	3/4/2024 20:15	588	0.42
29635	3/4/2024 10:27	3/4/2024 20:20	593	0

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1469866	3/4/2024 10:29	3/4/2024 14:14	225	0
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27475	3/4/2024 10:30	3/4/2024 20:18	588	0.17
24993	3/4/2024 10:30	3/4/2024 20:18	588	0
23462	3/4/2024 10:30	3/4/2024 20:13	583	0
35442	3/4/2024 10:30	3/4/2024 20:29	599	0.11
30176	3/4/2024 10:30	3/4/2024 20:15	585	0
30380	3/4/2024 10:30	3/4/2024 20:12	582	0
28110	3/4/2024 10:30	3/4/2024 20:18	588	0.1
29842	3/4/2024 10:31	3/5/2024 9:00	1348.13	0
34887	3/4/2024 10:31	3/4/2024 20:18	587	0
66685	3/4/2024 10:32	3/4/2024 10:48	16	0
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8950281	3/4/2024 10:32	3/4/2024 11:35	63	0
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264379	3/4/2024 10:34	3/4/2024 20:13	579	0
99953	3/4/2024 10:34	3/4/2024 11:37	63	0
274125	3/4/2024 10:34	3/4/2024 11:37	63	0
66588	3/4/2024 10:35	3/4/2024 10:51	16	0
96751	3/4/2024 10:35	3/4/2024 11:38	63	0
51483	3/4/2024 10:35	3/4/2024 11:33	58	0.07
1415828	3/4/2024 10:36	3/4/2024 20:03	567	0.01
1414392	3/4/2024 10:36	3/4/2024 20:14	578	0.01
8104722	3/4/2024 10:37	3/4/2024 20:16	579	0
1321663	3/4/2024 10:37	3/4/2024 12:28	111	0.02
645339	3/4/2024 10:37	3/4/2024 11:55	78	0.09
97730	3/4/2024 10:37	3/4/2024 11:35	58	0.44
10659831	3/4/2024 10:37	3/4/2024 20:01	564	0
646026	3/4/2024 10:37	3/4/2024 11:56	79	0
800588	3/4/2024 10:37	3/4/2024 20:05	568	0.1
314899	3/4/2024 10:37	3/4/2024 20:06	569	0
281235	3/4/2024 10:37	3/4/2024 11:34	57	0
1309098	3/4/2024 10:38	3/4/2024 14:13	215	1.79
800600	3/4/2024 10:38	3/4/2024 20:10	572	0.08
316997	3/4/2024 10:39	3/4/2024 20:30	591	0.3
8148103	3/4/2024 10:39	3/4/2024 20:22	583	0.9
801004	3/4/2024 10:39	3/4/2024 20:12	573	0
316971	3/4/2024 10:39	3/4/2024 20:16	577	0.08
1321750	3/4/2024 10:39	3/4/2024 12:24	105	0
101426	3/4/2024 10:39	3/4/2024 11:36	57	0.94
449377	3/4/2024 10:39	3/4/2024 11:36	57	0
1320008	3/4/2024 10:40	3/4/2024 11:38	58	0
1310926	3/4/2024 10:40	3/4/2024 14:16	216	0.1
800590	3/4/2024 10:40	3/4/2024 20:13	573	0

12682110	3/4/2024 10:40	3/4/2024 20:02	562	1.19
380057	3/4/2024 10:40	3/4/2024 20:18	578	0
1321114	3/4/2024 10:40	3/4/2024 11:42	62	0
6995795	3/4/2024 10:41	3/4/2024 18:44	483	0.4
416557	3/4/2024 10:43	3/4/2024 20:00	557	0
8910809	3/4/2024 10:43	3/4/2024 20:04	561	0
41508	3/4/2024 10:43	3/4/2024 20:10	567	1.15
817825	3/4/2024 10:44	3/4/2024 20:01	557	0
381982	3/4/2024 10:44	3/4/2024 13:32	168	0
1034043	3/4/2024 10:45	3/4/2024 10:56	11	0
380736	3/4/2024 10:45	3/4/2024 19:56	551	0.67
6828301	3/4/2024 10:46	3/4/2024 20:16	570	0
314350	3/4/2024 10:47	3/4/2024 11:34	47	0
1565203	3/4/2024 10:47	3/4/2024 12:00	73	0
1394324	3/4/2024 10:48	3/4/2024 12:49	121	0
66685	3/4/2024 10:48	3/4/2024 11:41	53	0
9063373	3/4/2024 10:48	3/4/2024 12:49	121	0
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816722	3/4/2024 10:49	3/4/2024 19:55	546	0
445867	3/4/2024 10:49	3/4/2024 20:16	567	0.36
54324	3/4/2024 10:50	3/4/2024 12:20	90	0
446329	3/4/2024 10:50	3/4/2024 20:21	571	0
11176351	3/4/2024 10:50	3/4/2024 11:32	42	0
56060	3/4/2024 10:50	3/4/2024 12:20	90	0
54382	3/4/2024 10:50	3/4/2024 11:31	41	0
500173	3/4/2024 10:51	3/4/2024 11:54	63	2.04
66588	3/4/2024 10:51	3/4/2024 11:33	42	0
605186	3/4/2024 10:51	3/4/2024 20:18	567	0
601397	3/4/2024 10:52	3/4/2024 15:20	268	0
1332906	3/4/2024 10:52	3/4/2024 19:53	541	0.08
197356	3/4/2024 10:53	3/4/2024 20:20	567	0
317797	3/4/2024 10:53	3/4/2024 20:18	565	0
553863	3/4/2024 10:54	3/4/2024 14:24	210	0.33
1516579	3/4/2024 10:54	3/4/2024 11:42	48	0
237177	3/4/2024 10:54	3/4/2024 20:11	557	0
564518	3/4/2024 10:54	3/4/2024 14:25	211	0
975032	3/4/2024 10:54	3/4/2024 14:55	241	0
1508563	3/4/2024 10:54	3/4/2024 14:09	195	0.2
1511264	3/4/2024 10:54	3/4/2024 14:08	194	0.23
1511251	3/4/2024 10:55	3/4/2024 14:11	196	0
196965	3/4/2024 10:55	3/4/2024 20:16	561	0.16
552210	3/4/2024 10:56	3/4/2024 20:12	556	0
1453263	3/4/2024 10:56	3/4/2024 20:12	556	0
1511816	3/4/2024 10:56	3/5/2024 9:00	1323.93	0
237312	3/4/2024 10:56	3/4/2024 20:47	591	0.43
1034043	3/4/2024 10:56	3/4/2024 11:12	16	0
1511532	3/4/2024 10:56	3/4/2024 14:11	195	1.64

237266	3/4/2024 10:57	3/4/2024 20:02	545	0
259674	3/4/2024 10:58	3/4/2024 20:14	556	0
1597556	3/4/2024 10:58	3/4/2024 11:45	47	0.02
1654064	3/4/2024 10:58	3/4/2024 11:59	61	0
1599209	3/4/2024 11:01	3/4/2024 11:43	42	0
1395587	3/4/2024 11:02	3/4/2024 20:08	546	0
1041597	3/4/2024 11:02	3/4/2024 19:52	530	0
10393495	3/4/2024 11:02	3/4/2024 11:34	32	0
709832	3/4/2024 11:03	3/5/2024 9:00	1316.83	0
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204963	3/4/2024 11:06	3/5/2024 9:00	1313.13	0
1638308	3/4/2024 11:07	3/4/2024 11:22	15	0
1638479	3/4/2024 11:07	3/4/2024 11:23	16	0
1265778	3/4/2024 11:07	3/4/2024 19:52	525	0
1641091	3/4/2024 11:07	3/4/2024 11:39	32	0.1
989956	3/4/2024 11:07	3/4/2024 19:47	520	0
1523524	3/4/2024 11:08	3/4/2024 11:39	31	0.23
903630	3/4/2024 11:08	3/4/2024 20:10	542	0
1457350	3/4/2024 11:10	3/5/2024 9:00	1309.93	0
204700	3/4/2024 11:10	3/5/2024 9:00	1309.13	0
1456419	3/4/2024 11:11	3/4/2024 20:01	530	0
1034043	3/4/2024 11:12	3/4/2024 12:15	63	0
1567316	3/4/2024 11:13	3/4/2024 13:45	152	0
1591422	3/4/2024 11:14	3/4/2024 20:13	539	0.08
1638359	3/4/2024 11:14	3/4/2024 11:19	5	0
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8434548	3/4/2024 11:16	3/4/2024 11:37	21	0.47
1415622	3/4/2024 11:18	3/4/2024 11:34	16	0
328570	3/4/2024 11:18	3/4/2024 11:40	22	0
1431804	3/4/2024 11:18	3/4/2024 20:14	536	0
353728	3/4/2024 11:18	3/4/2024 20:20	542	0
1432827	3/4/2024 11:19	3/4/2024 20:04	525	0.12
1638359	3/4/2024 11:19	3/4/2024 20:05	526	0
1513398	3/4/2024 11:19	3/4/2024 20:04	525	0
12378019	3/4/2024 11:19	3/4/2024 11:35	16	0
1267978	3/4/2024 11:20	3/4/2024 11:25	5	0
8068454	3/4/2024 11:21	3/4/2024 15:06	225	0
1319739	3/4/2024 11:22	3/5/2024 9:00	1297.15	0
1638308	3/4/2024 11:22	3/4/2024 20:17	535	0.1
1638479	3/4/2024 11:23	3/4/2024 20:08	525	0
1510965	3/4/2024 11:23	3/4/2024 14:12	169	0.19
1267978	3/4/2024 11:25	3/4/2024 11:36	11	0
127206	3/4/2024 11:25	3/5/2024 9:00	1294.13	0
1320619	3/4/2024 11:26	3/4/2024 11:41	15	0
1446401	3/4/2024 11:26	3/5/2024 9:00	1293.93	0
8486022	3/4/2024 11:26	3/5/2024 9:00	1293.93	0
1683861	3/4/2024 11:26	3/4/2024 20:14	528	0.33

2032900	3/4/2024 11:27	3/4/2024 11:37	10	0
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1400258	3/4/2024 11:28	3/4/2024 11:43	15	0
1444636	3/4/2024 11:29	3/4/2024 11:39	10	0
25066	3/4/2024 11:29	3/4/2024 20:19	530	0
23566	3/4/2024 11:30	3/4/2024 20:17	527	0
54382	3/4/2024 11:31	3/4/2024 12:19	48	0
1375642	3/4/2024 11:31	3/4/2024 13:46	135	0
11176351	3/4/2024 11:32	3/4/2024 11:48	16	0
1412757	3/4/2024 11:32	3/4/2024 11:48	16	0
53030	3/4/2024 11:32	3/4/2024 12:19	47	0
1556243	3/4/2024 11:32	3/4/2024 12:03	31	0
314188	3/4/2024 11:32	3/4/2024 14:46	194	0
1430294	3/4/2024 11:33	3/4/2024 12:04	31	0.06
1602630	3/4/2024 11:33	3/4/2024 14:06	153	1
1430553	3/4/2024 11:33	3/4/2024 12:05	32	0
274131	3/4/2024 11:33	3/4/2024 14:21	168	0
56196	3/4/2024 11:33	3/4/2024 12:20	47	0.13
1554218	3/4/2024 11:33	3/4/2024 12:04	31	0
190372	3/4/2024 11:33	3/5/2024 9:00	1286.13	0
51483	3/4/2024 11:33	3/4/2024 12:20	47	0.19
56164	3/4/2024 11:33	3/4/2024 12:18	45	0
1394543	3/4/2024 11:33	3/5/2024 9:00	1286.15	0
66588	3/4/2024 11:33	3/4/2024 14:47	194	0
312995	3/4/2024 11:33	3/4/2024 20:31	538	0
314350	3/4/2024 11:34	3/4/2024 20:30	536	0
281235	3/4/2024 11:34	3/4/2024 14:22	168	0
55854	3/4/2024 11:34	3/4/2024 12:16	42	0
1430838	3/4/2024 11:34	3/4/2024 12:06	32	0
54282	3/4/2024 11:34	3/5/2024 9:00	1285.13	0.04
1602693	3/4/2024 11:34	3/5/2024 9:00	1285.93	0.09
1415622	3/4/2024 11:34	3/4/2024 11:50	16	0.06
10393495	3/4/2024 11:34	3/4/2024 14:20	166	0
70866	3/4/2024 11:34	3/4/2024 20:19	525	0
315169	3/4/2024 11:35	3/4/2024 14:49	194	0
315730	3/4/2024 11:35	3/4/2024 14:49	194	0.77
1624452	3/4/2024 11:35	3/4/2024 11:50	15	0
12378019	3/4/2024 11:35	3/4/2024 14:49	194	0
97730	3/4/2024 11:35	3/4/2024 11:50	15	0
8950281	3/4/2024 11:35	3/4/2024 12:17	42	0
12377908	3/4/2024 11:36	3/4/2024 20:20	524	0
1604432	3/4/2024 11:36	3/4/2024 14:03	147	0.96
1556434	3/4/2024 11:36	3/4/2024 12:08	32	0
1394442	3/4/2024 11:36	3/5/2024 9:00	1283.15	0
1430644	3/4/2024 11:36	3/4/2024 12:03	27	0
101426	3/4/2024 11:36	3/4/2024 11:52	16	0.09
55232	3/4/2024 11:36	3/4/2024 12:18	42	0

1394467	3/4/2024 11:36	3/5/2024 9:00	1283.15	0
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1267978	3/4/2024 11:36	3/4/2024 11:51	15	0
274125	3/4/2024 11:37	3/4/2024 14:40	183	0
2032900	3/4/2024 11:37	3/4/2024 12:24	47	0
308622	3/4/2024 11:37	3/4/2024 14:53	196	0
1556486	3/4/2024 11:37	3/4/2024 12:03	26	0
280173	3/4/2024 11:37	3/4/2024 14:20	163	0.4
99953	3/4/2024 11:37	3/4/2024 11:55	18	0
8434548	3/4/2024 11:37	3/4/2024 14:46	189	1.06
1320008	3/4/2024 11:38	3/4/2024 12:26	48	0
1701172	3/4/2024 11:38	3/4/2024 12:26	48	0
96751	3/4/2024 11:38	3/4/2024 11:49	11	0
8511623	3/4/2024 11:38	3/4/2024 12:41	63	0
1320646	3/4/2024 11:39	3/4/2024 12:27	48	0
1320845	3/4/2024 11:39	3/4/2024 12:26	47	0
1444636	3/4/2024 11:39	3/4/2024 11:55	16	0
1641091	3/4/2024 11:39	3/4/2024 12:10	31	0.23
1523524	3/4/2024 11:39	3/4/2024 12:10	31	0.08
328570	3/4/2024 11:40	3/4/2024 11:55	15	0.15
1320619	3/4/2024 11:41	3/4/2024 12:23	42	0
66685	3/4/2024 11:41	3/4/2024 14:50	189	0
1321605	3/4/2024 11:42	3/4/2024 12:24	42	0.08
1321114	3/4/2024 11:42	3/4/2024 12:24	42	0
1515733	3/4/2024 11:42	3/4/2024 11:53	11	0.09
1516579	3/4/2024 11:42	3/4/2024 11:57	15	0
1567514	3/4/2024 11:42	3/4/2024 12:03	21	0
1400258	3/4/2024 11:43	3/4/2024 12:28	45	0
1599209	3/4/2024 11:43	3/4/2024 19:52	489	0
1444947	3/4/2024 11:43	3/4/2024 11:59	16	0.02
1597556	3/4/2024 11:45	3/4/2024 20:00	495	0.43
587455	3/4/2024 11:46	3/4/2024 12:02	16	0
1412757	3/4/2024 11:48	3/4/2024 14:36	168	0
11176351	3/4/2024 11:48	3/4/2024 15:18	210	0
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1672784	3/4/2024 11:50	3/5/2024 9:00	1269.48	0.01
1538577	3/4/2024 11:50	3/4/2024 13:04	74	0
1539391	3/4/2024 11:50	3/4/2024 13:08	78	0
1415622	3/4/2024 11:50	3/4/2024 14:06	136	0.23
1267978	3/4/2024 11:51	3/4/2024 13:36	105	0
101426	3/4/2024 11:52	3/4/2024 12:34	42	0.24
1515733	3/4/2024 11:53	3/4/2024 12:24	31	0.22
500173	3/4/2024 11:54	3/4/2024 14:37	163	0.21
645339	3/4/2024 11:55	3/4/2024 13:09	74	0

1444636	3/4/2024 11:55	3/4/2024 12:11	16	0.05
328570	3/4/2024 11:55	3/4/2024 12:11	16	0.07
99953	3/4/2024 11:55	3/4/2024 12:37	42	0
646026	3/4/2024 11:56	3/4/2024 12:11	15	0
449377	3/4/2024 11:57	3/4/2024 14:14	137	0
1516579	3/4/2024 11:57	3/4/2024 12:24	27	0
1444947	3/4/2024 11:59	3/4/2024 12:09	10	0.02
1654064	3/4/2024 11:59	3/4/2024 14:46	167	0.1
1565203	3/4/2024 12:00	3/4/2024 12:16	16	0
587455	3/4/2024 12:02	3/4/2024 12:17	15	0
1556243	3/4/2024 12:03	3/4/2024 20:16	493	0
1567514	3/4/2024 12:03	3/4/2024 12:19	16	0
1556486	3/4/2024 12:03	3/4/2024 20:01	478	0
1430644	3/4/2024 12:03	3/4/2024 14:18	135	0
1554218	3/4/2024 12:04	3/4/2024 20:17	493	0
1430294	3/4/2024 12:04	3/4/2024 13:02	58	0
626477	3/4/2024 12:05	3/4/2024 19:57	472	0
623612	3/4/2024 12:05	3/5/2024 9:00	1254.48	0
1430553	3/4/2024 12:05	3/4/2024 14:21	136	0
1430838	3/4/2024 12:06	3/4/2024 14:17	131	0
852071	3/4/2024 12:06	3/5/2024 9:00	1253.83	0
971524	3/4/2024 12:06	3/4/2024 15:51	225	0
624716	3/4/2024 12:07	3/4/2024 20:10	483	0
627018	3/4/2024 12:07	3/4/2024 15:53	226	0.06
623871	3/4/2024 12:08	3/5/2024 9:00	1251.48	0
627289	3/4/2024 12:08	3/4/2024 15:54	226	0.01
1556434	3/4/2024 12:08	3/4/2024 20:22	494	0
1517747	3/4/2024 12:08	3/4/2024 20:16	488	0
1521914	3/4/2024 12:08	3/4/2024 20:17	489	0
623069	3/4/2024 12:09	3/5/2024 9:00	1250.48	0
1444947	3/4/2024 12:09	3/5/2024 9:00	1250.93	0.01
1517291	3/4/2024 12:10	3/4/2024 20:19	489	0
1641091	3/4/2024 12:10	3/4/2024 15:24	194	0.14
1518000	3/4/2024 12:10	3/4/2024 14:27	137	0
1523524	3/4/2024 12:10	3/4/2024 15:25	195	0
1516997	3/4/2024 12:10	3/4/2024 20:02	472	0.03
1516432	3/4/2024 12:10	3/4/2024 20:05	475	0.04
646026	3/4/2024 12:11	3/4/2024 13:09	58	0
328570	3/4/2024 12:11	3/4/2024 20:03	472	0.08
1444636	3/4/2024 12:11	3/5/2024 9:00	1248.93	0.03
328113	3/4/2024 12:11	3/4/2024 14:01	110	0.06
328911	3/4/2024 12:13	3/4/2024 19:49	456	0
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1064514	3/4/2024 12:13	3/4/2024 15:17	184	0.03
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1034043	3/4/2024 12:15	3/4/2024 14:26	131	0
55854	3/4/2024 12:16	3/5/2024 9:00	1243.13	0

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8950281	3/4/2024 12:17	3/4/2024 13:46	89	0
587455	3/4/2024 12:17	3/5/2024 9:00	1242.48	0
55232	3/4/2024 12:18	3/4/2024 13:47	89	0
465344	3/4/2024 12:18	3/5/2024 9:00	1241.48	0
56164	3/4/2024 12:18	3/4/2024 14:18	120	0
1567514	3/4/2024 12:19	3/4/2024 13:48	89	0
53030	3/4/2024 12:19	3/4/2024 13:48	89	0
54382	3/4/2024 12:19	3/4/2024 14:19	120	0
54324	3/4/2024 12:20	3/5/2024 9:00	1239.13	0
51483	3/4/2024 12:20	3/4/2024 13:49	89	0.01
945898	3/4/2024 12:20	3/4/2024 15:18	178	0
56060	3/4/2024 12:20	3/5/2024 9:00	1239.13	0
56196	3/4/2024 12:20	3/5/2024 9:00	1239.13	0
469018	3/4/2024 12:22	3/4/2024 13:04	42	0
1320619	3/4/2024 12:23	3/4/2024 14:40	137	0
1321750	3/4/2024 12:24	3/5/2024 9:00	1235.15	0
1321114	3/4/2024 12:24	3/4/2024 14:40	136	0
1321605	3/4/2024 12:24	3/4/2024 19:50	446	0.02
2032900	3/4/2024 12:24	3/4/2024 14:25	121	0
1515733	3/4/2024 12:24	3/4/2024 14:09	105	0.05
1516579	3/4/2024 12:24	3/4/2024 14:08	104	0
1517239	3/4/2024 12:25	3/4/2024 20:07	462	0
1320845	3/4/2024 12:26	3/4/2024 20:37	491	0.07
1701172	3/4/2024 12:26	3/4/2024 14:10	104	0
1320008	3/4/2024 12:26	3/4/2024 19:57	451	0
1320646	3/4/2024 12:27	3/4/2024 14:38	131	0
1321663	3/4/2024 12:28	3/4/2024 19:54	446	0
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1525423	3/4/2024 12:28	3/5/2024 9:00	1231.93	0
101426	3/4/2024 12:34	3/5/2024 9:00	1225.13	0.06
96751	3/4/2024 12:36	3/5/2024 9:00	1223.13	0
174362	3/4/2024 12:36	3/5/2024 9:00	1223.13	0
99953	3/4/2024 12:37	3/5/2024 9:00	1222.13	0
169731	3/4/2024 12:37	3/5/2024 9:00	1222.13	0
97730	3/4/2024 12:37	3/5/2024 9:00	1222.13	0
8511623	3/4/2024 12:41	3/4/2024 14:10	89	0
9063373	3/4/2024 12:49	3/4/2024 15:37	168	0
1394324	3/4/2024 12:49	3/4/2024 15:37	168	0
1430294	3/4/2024 13:02	3/4/2024 14:21	79	0
469018	3/4/2024 13:04	3/4/2024 14:07	63	0
1538577	3/4/2024 13:04	3/5/2024 9:00	1195.93	0
926657	3/4/2024 13:06	3/5/2024 9:00	1193.83	0
1539391	3/4/2024 13:08	3/5/2024 9:00	1191.93	0
645339	3/4/2024 13:09	3/4/2024 14:06	57	0
646026	3/4/2024 13:09	3/4/2024 14:23	74	0
1552154	3/4/2024 13:09	3/4/2024 14:23	74	0

7937779	3/4/2024 13:12	3/4/2024 14:15	63	0
957615	3/4/2024 13:12	3/4/2024 14:15	63	0
1493132	3/4/2024 13:12	3/4/2024 13:44	32	0.01
10433250	3/4/2024 13:18	3/4/2024 13:44	26	0
381982	3/4/2024 13:32	3/4/2024 14:56	84	0
1267978	3/4/2024 13:36	3/4/2024 14:09	33	0
1503634	3/4/2024 13:44	3/4/2024 20:00	376	0
10433250	3/4/2024 13:44	3/4/2024 16:01	137	0
1493132	3/4/2024 13:44	3/4/2024 13:59	15	0
1567316	3/4/2024 13:45	3/4/2024 15:46	121	0
1375642	3/4/2024 13:46	3/4/2024 15:16	90	0
8950281	3/4/2024 13:46	3/4/2024 14:17	31	0
55232	3/4/2024 13:47	3/4/2024 14:19	32	0
1567514	3/4/2024 13:48	3/4/2024 14:14	26	0
53030	3/4/2024 13:48	3/4/2024 14:20	32	0
51483	3/4/2024 13:49	3/4/2024 14:21	32	0
1493132	3/4/2024 13:59	3/4/2024 14:15	16	0
328113	3/4/2024 14:01	3/4/2024 14:17	16	0
1604432	3/4/2024 14:03	3/4/2024 14:19	16	0.04
645339	3/4/2024 14:06	3/4/2024 14:27	21	0
1602630	3/4/2024 14:06	3/4/2024 14:37	31	0.01
1415622	3/4/2024 14:06	3/4/2024 20:14	368	0.02
859747	3/4/2024 14:06	3/4/2024 14:22	16	0
574993	3/4/2024 14:07	3/4/2024 14:39	32	0
574740	3/4/2024 14:07	3/4/2024 20:14	367	0
469018	3/4/2024 14:07	3/4/2024 15:04	57	0
1511264	3/4/2024 14:08	3/4/2024 14:39	31	0
1516579	3/4/2024 14:08	3/4/2024 14:24	16	0
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1515733	3/4/2024 14:09	3/4/2024 14:25	16	0
1508563	3/4/2024 14:09	3/4/2024 14:40	31	0
860281	3/4/2024 14:09	3/4/2024 14:24	15	0
1267978	3/4/2024 14:09	3/4/2024 14:25	16	0
8511623	3/4/2024 14:10	3/4/2024 14:26	16	0
1701172	3/4/2024 14:10	3/4/2024 14:26	16	0
1465391	3/4/2024 14:10	3/4/2024 14:26	16	0
1511251	3/4/2024 14:11	3/4/2024 14:41	30	0
1511532	3/4/2024 14:11	3/4/2024 14:42	31	0
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1466357	3/4/2024 14:13	3/4/2024 14:29	16	0
1309098	3/4/2024 14:13	3/4/2024 14:45	32	0
1567514	3/4/2024 14:14	3/4/2024 14:30	16	0
1469866	3/4/2024 14:14	3/4/2024 20:11	357	0
449377	3/4/2024 14:14	3/4/2024 14:35	21	0
1400258	3/4/2024 14:14	3/4/2024 15:29	75	0

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7937779	3/4/2024 14:15	3/4/2024 15:13	58	0
957615	3/4/2024 14:15	3/4/2024 14:41	26	0
1310926	3/4/2024 14:16	3/4/2024 14:47	31	0
328113	3/4/2024 14:17	3/4/2024 14:33	16	0
1430838	3/4/2024 14:17	3/4/2024 14:49	32	0
1565203	3/4/2024 14:17	3/4/2024 14:32	15	0
8950281	3/4/2024 14:17	3/4/2024 14:49	32	0
56164	3/4/2024 14:18	3/4/2024 20:18	360	0
1430644	3/4/2024 14:18	3/4/2024 14:50	32	0
54382	3/4/2024 14:19	3/4/2024 20:22	363	0
449036	3/4/2024 14:19	3/4/2024 14:35	16	0
1604432	3/4/2024 14:19	3/4/2024 14:34	15	0.02
55232	3/4/2024 14:19	3/4/2024 20:20	361	0
53030	3/4/2024 14:20	3/4/2024 20:17	357	0
280173	3/4/2024 14:20	3/4/2024 20:14	354	0
10393495	3/4/2024 14:20	3/4/2024 14:37	17	0
274131	3/4/2024 14:21	3/4/2024 20:18	357	0
1430294	3/4/2024 14:21	3/4/2024 14:31	10	0
612938	3/4/2024 14:21	3/4/2024 14:37	16	0
51483	3/4/2024 14:21	3/4/2024 14:47	26	0
1430553	3/4/2024 14:21	3/4/2024 14:47	26	0
859747	3/4/2024 14:22	3/4/2024 16:07	105	0
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1553525	3/4/2024 14:22	3/4/2024 20:03	341	0
274059	3/4/2024 14:22	3/4/2024 14:38	16	0
646026	3/4/2024 14:23	3/4/2024 14:38	15	0
1552154	3/4/2024 14:23	3/4/2024 14:39	16	0
553863	3/4/2024 14:24	3/4/2024 14:55	31	0
860281	3/4/2024 14:24	3/4/2024 16:09	105	0
1516579	3/4/2024 14:24	3/4/2024 14:40	16	0
1267978	3/4/2024 14:25	3/4/2024 14:39	14	0
2032900	3/4/2024 14:25	3/4/2024 14:41	16	0
1515733	3/4/2024 14:25	3/4/2024 14:41	16	0
564518	3/4/2024 14:25	3/4/2024 14:40	15	0
1034043	3/4/2024 14:26	3/4/2024 19:51	325	0
8511623	3/4/2024 14:26	3/4/2024 20:12	346	0
1701172	3/4/2024 14:26	3/4/2024 14:42	16	0
1465391	3/4/2024 14:26	3/4/2024 14:42	16	0
645339	3/4/2024 14:27	3/4/2024 14:38	11	0
1518000	3/4/2024 14:27	3/4/2024 20:03	336	0
1466357	3/4/2024 14:29	3/4/2024 14:39	10	0
1672745	3/4/2024 14:29	3/4/2024 14:45	16	0
1567514	3/4/2024 14:30	3/4/2024 14:46	16	0
1430294	3/4/2024 14:31	3/4/2024 14:47	16	0
1565203	3/4/2024 14:32	3/4/2024 14:48	16	0
328113	3/4/2024 14:33	3/4/2024 14:59	26	0

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449036	3/4/2024 14:35	3/4/2024 14:51	16	0
328408	3/4/2024 14:35	3/5/2024 9:00	1104.13	0
449377	3/4/2024 14:35	3/4/2024 14:45	10	0
1412757	3/4/2024 14:36	3/4/2024 15:18	42	0
500173	3/4/2024 14:37	3/4/2024 20:02	325	0
10393495	3/4/2024 14:37	3/4/2024 20:19	342	0
612938	3/4/2024 14:37	3/4/2024 20:14	337	0
1602630	3/4/2024 14:37	3/4/2024 20:18	341	0
274059	3/4/2024 14:38	3/4/2024 20:18	340	0
646026	3/4/2024 14:38	3/4/2024 20:04	326	0
1320646	3/4/2024 14:38	3/4/2024 19:58	320	0
574596	3/4/2024 14:38	3/4/2024 20:18	340	0
645339	3/4/2024 14:38	3/4/2024 20:14	336	0
1375371	3/4/2024 14:39	3/4/2024 20:03	324	0
1466357	3/4/2024 14:39	3/4/2024 20:00	321	0
1267978	3/4/2024 14:39	3/4/2024 19:57	318	0
1552154	3/4/2024 14:39	3/4/2024 20:10	331	0
1511264	3/4/2024 14:39	3/4/2024 20:03	324	0
574993	3/4/2024 14:39	3/4/2024 20:20	341	0
274125	3/4/2024 14:40	3/4/2024 20:20	340	0
1508563	3/4/2024 14:40	3/4/2024 20:00	320	0
564518	3/4/2024 14:40	3/4/2024 20:17	337	0
658177	3/4/2024 14:40	3/4/2024 19:49	309	0
1320619	3/4/2024 14:40	3/4/2024 16:30	110	0
1516579	3/4/2024 14:40	3/4/2024 20:11	331	0
1321114	3/4/2024 14:40	3/4/2024 20:00	320	0
1515733	3/4/2024 14:41	3/4/2024 20:17	336	0
1511251	3/4/2024 14:41	3/4/2024 19:55	314	0
2032900	3/4/2024 14:41	3/4/2024 20:00	319	0
957615	3/4/2024 14:41	3/4/2024 20:12	331	0
1701172	3/4/2024 14:42	3/4/2024 19:53	311	0
1511532	3/4/2024 14:42	3/4/2024 20:18	336	0
955448	3/4/2024 14:42	3/4/2024 14:58	16	0
956125	3/4/2024 14:42	3/4/2024 20:02	320	0
1465391	3/4/2024 14:42	3/4/2024 20:02	320	0
957216	3/4/2024 14:43	3/4/2024 19:58	315	0
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1309098	3/4/2024 14:45	3/4/2024 19:55	310	0
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1672745	3/4/2024 14:45	3/4/2024 20:16	331	0
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449377	3/4/2024 14:56	3/4/2024 15:54	58	0
381982	3/4/2024 14:56	3/4/2024 23:30	514	0
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975191	3/4/2024 15:13	3/4/2024 19:57	284	0
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1624452	3/4/2024 15:47	3/4/2024 19:59	252	0
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627018	3/4/2024 15:53	3/4/2024 20:00	247	0
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627289	3/4/2024 15:54	3/4/2024 20:11	257	0
1573666	3/4/2024 15:56	3/4/2024 20:04	248	0
8524544	3/4/2024 15:56	3/4/2024 20:13	257	0
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69207	3/4/2024 16:06	3/4/2024 20:23	257	0
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860281	3/4/2024 16:09	3/4/2024 19:55	226	0
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1346671	3/4/2024 16:27	3/4/2024 20:13	226	0
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449377	3/4/2024 16:35	3/4/2024 16:51	16	0
1493132	3/4/2024 16:42	3/4/2024 17:29	47	0
449377	3/4/2024 16:51	3/4/2024 17:12	21	0
1325985	3/4/2024 17:01	3/4/2024 17:12	11	0
449377	3/4/2024 17:12	3/4/2024 17:48	36	0
1325985	3/4/2024 17:12	3/4/2024 19:49	157	0
1493132	3/4/2024 17:29	3/4/2024 20:17	168	0
449377	3/4/2024 17:48	3/4/2024 18:04	16	0
25674	3/4/2024 17:56	3/5/2024 9:00	903.13	0
449377	3/4/2024 18:04	3/4/2024 18:57	53	0
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6995795	3/4/2024 18:44	3/5/2024 3:50	546	0
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989956	3/4/2024 19:47	3/5/2024 9:00	792.27	0
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658177	3/4/2024 19:49	3/5/2024 9:00	790.83	0
328911	3/4/2024 19:49	3/5/2024 9:00	790.13	0
1347949	3/4/2024 19:50	3/5/2024 9:00	789.15	0
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1034043	3/4/2024 19:51	3/5/2024 9:00	788.27	0
955448	3/4/2024 19:51	3/5/2024 9:00	788.27	0
1064575	3/4/2024 19:51	3/5/2024 9:00	788.27	0
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1265778	3/4/2024 19:52	3/5/2024 9:00	787.15	0
1599209	3/4/2024 19:52	3/5/2024 9:00	787.93	0
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1701172	3/4/2024 19:53	3/5/2024 8:56	783	0
945898	3/4/2024 19:53	3/5/2024 9:00	786.83	0
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1321663	3/4/2024 19:54	3/5/2024 9:00	785.15	0
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860281	3/4/2024 19:55	3/5/2024 9:00	784.83	0
385332	3/4/2024 19:55	3/5/2024 9:00	784.48	0

816722	3/4/2024 19:55	3/5/2024 9:00	784.83	0
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1348044	3/4/2024 19:56	3/5/2024 9:00	783.15	0
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8717997	3/4/2024 19:57	3/5/2024 9:00	782.83	0
1430553	3/4/2024 19:57	3/5/2024 9:00	782.93	0
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1346410	3/4/2024 19:57	3/5/2024 9:00	782.15	0
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957216	3/4/2024 19:58	3/5/2024 9:00	781.27	0
1325831	3/4/2024 19:58	3/5/2024 9:00	781.15	0
1400258	3/4/2024 19:58	3/5/2024 9:00	781.15	0
1510965	3/4/2024 19:58	3/5/2024 9:00	781.93	0
563241	3/4/2024 19:58	3/5/2024 9:00	781.48	0
1423797	3/4/2024 19:58	3/5/2024 9:00	781.15	0
971524	3/4/2024 19:58	3/5/2024 9:00	781.48	0
1514004	3/4/2024 19:59	3/5/2024 9:00	780.93	0
1624452	3/4/2024 19:59	3/5/2024 9:00	780.93	0
1349766	3/4/2024 20:00	3/5/2024 9:00	779.15	0
1508563	3/4/2024 20:00	3/5/2024 9:00	779.93	0
1445317	3/4/2024 20:00	3/5/2024 9:00	779.93	0
1321114	3/4/2024 20:00	3/5/2024 9:00	779.15	0
1597556	3/4/2024 20:00	3/5/2024 9:00	779.93	0
627018	3/4/2024 20:00	3/5/2024 9:00	779.48	0
1466357	3/4/2024 20:00	3/5/2024 9:00	779.93	0
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1503634	3/4/2024 20:00	3/5/2024 9:00	779.15	0
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1456419	3/4/2024 20:01	3/5/2024 9:00	778.93	0
10659831	3/4/2024 20:01	3/5/2024 9:00	778.93	0
7937779	3/4/2024 20:01	3/5/2024 9:00	778.15	0
317233	3/4/2024 20:01	3/5/2024 9:00	778.13	0
1556486	3/4/2024 20:01	3/5/2024 9:00	778.93	0
817825	3/4/2024 20:01	3/5/2024 9:00	778.83	0
593798	3/4/2024 20:01	3/5/2024 8:48	767	0
500173	3/4/2024 20:02	3/5/2024 9:00	777.48	0
1412757	3/4/2024 20:02	3/5/2024 9:00	777.15	0
1516997	3/4/2024 20:02	3/5/2024 9:00	777.93	0
10433250	3/4/2024 20:02	3/5/2024 9:00	777.15	0
593397	3/4/2024 20:02	3/5/2024 8:47	765	0
956125	3/4/2024 20:02	3/5/2024 9:00	777.27	0
12682110	3/4/2024 20:02	3/5/2024 9:00	777.93	0
1465391	3/4/2024 20:02	3/5/2024 8:28	746	0

237266	3/4/2024 20:02	3/5/2024 9:00	777.13	0
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1518000	3/4/2024 20:03	3/5/2024 9:00	776.93	0
1511264	3/4/2024 20:03	3/5/2024 9:00	776.93	0
328113	3/4/2024 20:03	3/5/2024 9:00	776.13	0
1326419	3/4/2024 20:03	3/5/2024 9:00	776.15	0
1417279	3/4/2024 20:03	3/5/2024 9:00	776.15	0
277818	3/4/2024 20:03	3/5/2024 9:00	776.13	0
328570	3/4/2024 20:03	3/5/2024 9:00	776.13	0
1375371	3/4/2024 20:03	3/5/2024 9:00	776.15	0
1430294	3/4/2024 20:03	3/5/2024 9:00	776.93	0
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1393633	3/4/2024 20:04	3/5/2024 9:00	775.15	0
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1573666	3/4/2024 20:04	3/5/2024 9:00	775.93	0
8910809	3/4/2024 20:04	3/5/2024 9:00	775.48	0
975066	3/4/2024 20:04	3/5/2024 9:00	775.27	0
195839	3/4/2024 20:04	3/5/2024 9:00	775.13	0
510307	3/4/2024 20:04	3/5/2024 9:00	775.48	0
1513398	3/4/2024 20:04	3/5/2024 9:00	775.93	0
1516432	3/4/2024 20:05	3/5/2024 9:00	774.93	0
800588	3/4/2024 20:05	3/5/2024 9:00	774.83	0
1638359	3/4/2024 20:05	3/5/2024 9:00	774.93	0
1430644	3/4/2024 20:05	3/5/2024 9:00	774.93	0
314899	3/4/2024 20:06	3/5/2024 9:00	773.13	0
1567514	3/4/2024 20:06	3/5/2024 9:00	773.93	0
449377	3/4/2024 20:06	3/4/2024 20:15	9	0
449036	3/4/2024 20:06	3/5/2024 9:00	773.48	0
793285	3/4/2024 20:06	3/5/2024 9:00	773.83	0
8434548	3/4/2024 20:06	3/5/2024 9:00	773.13	0
790670	3/4/2024 20:07	3/5/2024 9:00	772.83	0
1517239	3/4/2024 20:07	3/5/2024 9:00	772.93	0
314188	3/4/2024 20:07	3/5/2024 9:00	772.13	0
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1395587	3/4/2024 20:08	3/5/2024 9:00	771.15	0
1638479	3/4/2024 20:08	3/5/2024 9:00	771.93	0
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469018	3/4/2024 20:09	3/5/2024 9:00	770.48	0
1430838	3/4/2024 20:09	3/5/2024 9:00	770.93	0
195666	3/4/2024 20:10	3/5/2024 9:00	769.13	0
800600	3/4/2024 20:10	3/5/2024 9:00	769.83	0
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1552154	3/4/2024 20:10	3/5/2024 9:00	769.93	0
903630	3/4/2024 20:10	3/5/2024 9:00	769.83	0

41508	3/4/2024 20:10	3/5/2024 9:00	769.13	0
278472	3/4/2024 20:10	3/5/2024 9:00	769.13	0
1347024	3/4/2024 20:10	3/5/2024 9:00	769.15	0
664453	3/4/2024 20:10	3/5/2024 9:00	769.83	0
47769	3/4/2024 20:10	3/5/2024 9:00	769.13	0
1516579	3/4/2024 20:11	3/5/2024 9:00	768.93	0
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627289	3/4/2024 20:11	3/5/2024 9:00	768.48	0
1513240	3/4/2024 20:11	3/5/2024 9:00	768.93	0
549259	3/4/2024 20:11	3/5/2024 9:00	768.48	0
66588	3/4/2024 20:11	3/5/2024 9:00	768.13	0
237177	3/4/2024 20:11	3/5/2024 9:00	768.13	0
196408	3/4/2024 20:11	3/5/2024 9:00	768.13	0
197690	3/4/2024 20:11	3/5/2024 9:00	768.13	0
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1251782	3/4/2024 20:12	3/5/2024 9:00	767.83	0
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30370	3/4/2024 20:12	3/5/2024 9:00	767.13	0
552210	3/4/2024 20:12	3/5/2024 9:00	767.48	0
801004	3/4/2024 20:12	3/5/2024 9:00	767.83	0
30380	3/4/2024 20:12	3/5/2024 9:00	767.13	0
957615	3/4/2024 20:12	3/5/2024 9:00	767.27	0
1604432	3/4/2024 20:12	3/5/2024 9:00	767.93	0
264379	3/4/2024 20:13	3/5/2024 9:00	766.13	0
23462	3/4/2024 20:13	3/5/2024 9:00	766.13	0
1591422	3/4/2024 20:13	3/5/2024 9:00	766.93	0
8524544	3/4/2024 20:13	3/5/2024 9:00	766.13	0
1416360	3/4/2024 20:13	3/5/2024 9:00	766.15	0
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489481	3/4/2024 20:13	3/5/2024 9:00	766.48	0
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800590	3/4/2024 20:13	3/5/2024 9:00	766.83	0
1641091	3/4/2024 20:13	3/5/2024 9:00	766.93	0
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1683861	3/4/2024 20:14	3/5/2024 9:00	765.13	0
1348976	3/4/2024 20:14	3/5/2024 9:00	765.15	0
859747	3/4/2024 20:14	3/5/2024 9:00	765.83	0
1431804	3/4/2024 20:14	3/5/2024 9:00	765.93	0
320966	3/4/2024 20:14	3/5/2024 9:00	765.13	0
645339	3/4/2024 20:14	3/5/2024 9:00	765.48	0
506261	3/4/2024 20:14	3/5/2024 9:00	765.48	0
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259674	3/4/2024 20:14	3/5/2024 9:00	765.13	0

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612938	3/4/2024 20:14	3/5/2024 9:00	765.48	0
315169	3/4/2024 20:14	3/5/2024 9:00	765.13	0
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601397	3/4/2024 20:15	3/5/2024 9:00	764.48	0
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30176	3/4/2024 20:15	3/5/2024 9:00	764.13	0
511266	3/4/2024 20:15	3/5/2024 9:00	764.48	0
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1672745	3/4/2024 20:16	3/5/2024 9:00	763.48	0
1556243	3/4/2024 20:16	3/5/2024 9:00	763.93	0
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523489	3/4/2024 20:16	3/5/2024 9:00	763.13	0
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1494722	3/4/2024 20:18	3/5/2024 9:00	761.15	0
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197356	3/4/2024 20:20	3/5/2024 9:00	759.13	0
574993	3/4/2024 20:20	3/5/2024 9:00	759.48	0
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24124	3/4/2024 20:20	3/5/2024 9:00	759.13	0
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353082	3/4/2024 20:21	3/5/2024 9:00	758.13	0
68620	3/4/2024 20:21	3/5/2024 9:00	758.13	0
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446329	3/4/2024 20:21	3/5/2024 9:00	758.48	0
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4173986	3/4/2024 20:22	3/5/2024 9:00	757.13	0
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316997	3/4/2024 20:30	3/5/2024 9:00	749.13	0
314350	3/4/2024 20:30	3/5/2024 9:00	749.13	0
312995	3/4/2024 20:31	3/5/2024 9:00	748.13	0
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449377	3/4/2024 20:40	3/4/2024 21:23	43	0
237312	3/4/2024 20:47	3/5/2024 9:00	732.13	0
1468500	3/4/2024 20:52	3/5/2024 9:00	727.93	0
449377	3/4/2024 21:23	3/4/2024 22:10	47	0
1522301	3/4/2024 21:53	3/5/2024 9:00	666.93	0
449377	3/4/2024 22:10	3/4/2024 22:31	21	0
449377	3/4/2024 22:31	3/4/2024 23:03	32	0
449377	3/4/2024 23:03	3/4/2024 23:29	26	0
449377	3/4/2024 23:29	3/5/2024 0:00	31	0
381982	3/4/2024 23:30	3/5/2024 9:00	569.48	0
449377	3/5/2024 0:00	3/5/2024 0:16	16	0
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449377	3/5/2024 1:02	3/5/2024 1:56	54	0
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449377	3/5/2024 2:12	3/5/2024 2:49	37	0
449377	3/5/2024 2:49	3/5/2024 3:57	68	0
6995795	3/5/2024 3:50	3/5/2024 9:00	309.48	0
449377	3/5/2024 3:57	3/5/2024 4:12	15	0
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449377	3/5/2024 6:13	3/5/2024 7:11	58	0
449377	3/5/2024 7:11	3/5/2024 7:53	42	0
449377	3/5/2024 7:53	3/5/2024 8:19	26	0
449377	3/5/2024 8:19	3/5/2024 9:00	40.48	0
1465391	3/5/2024 8:28	3/5/2024 9:00	31.93	0
8511623	3/5/2024 8:38	3/5/2024 9:00	21.13	0

593397	3/5/2024 8:47	3/5/2024 9:00	12.48	0
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580808	3/5/2024 8:53	3/5/2024 9:00	6.48	0
1320845	3/5/2024 8:53	3/5/2024 9:00	6.15	0
1701172	3/5/2024 8:56	3/5/2024 9:00	3.15	0
554089	3/5/2024 9:00	3/6/2024 9:00	1439.48	0
8724096	3/5/2024 9:00	3/6/2024 9:00	1439.15	0
447406	3/5/2024 9:00	3/6/2024 9:00	1439.48	0
1413046	3/5/2024 9:00	3/6/2024 9:00	1439.15	0
953854	3/5/2024 9:00	3/6/2024 9:00	1439.27	0
7937779	3/5/2024 9:00	3/5/2024 10:12	72	0
444688	3/5/2024 9:00	3/5/2024 10:21	81	0
10714479	3/5/2024 9:00	3/6/2024 9:00	1439.93	0
314188	3/5/2024 9:00	3/5/2024 10:05	65	0
1366197	3/5/2024 9:00	3/6/2024 9:00	1439.15	0
1348731	3/5/2024 9:00	3/6/2024 9:00	1439.15	0
675499	3/5/2024 9:00	3/6/2024 9:00	1439.83	0
1453263	3/5/2024 9:00	3/6/2024 9:00	1439.93	0
197690	3/5/2024 9:00	3/5/2024 19:46	646	0
345752	3/5/2024 9:00	3/6/2024 9:00	1439.13	0
1352388	3/5/2024 9:00	3/6/2024 9:00	1439.15	0
319279	3/5/2024 9:00	3/6/2024 9:00	1439.13	0
70866	3/5/2024 9:00	3/5/2024 19:50	650	0
1320619	3/5/2024 9:00	3/5/2024 10:00	60	0
315169	3/5/2024 9:00	3/5/2024 10:05	65	0
664030	3/5/2024 9:00	3/6/2024 9:00	1439.83	0
96751	3/5/2024 9:00	3/5/2024 10:39	99	0
7879030	3/5/2024 9:00	3/6/2024 9:00	1439.48	0
1516786	3/5/2024 9:00	3/6/2024 9:00	1439.93	0
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1349032	3/5/2024 9:00	3/6/2024 9:00	1439.15	0
1513541	3/5/2024 9:00	3/6/2024 9:00	1439.93	0
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54282	3/5/2024 9:01	3/6/2024 9:00	1438.13	0
811953	3/5/2024 9:06	3/6/2024 9:00	1433.83	0
315730	3/5/2024 9:06	3/5/2024 10:03	57	0
1701172	3/5/2024 9:06	3/6/2024 9:00	1433.15	0
8950281	3/5/2024 9:06	3/5/2024 10:30	84	0
6162956	3/5/2024 9:06	3/5/2024 19:56	650	0
1288420	3/5/2024 9:06	3/6/2024 9:00	1433.15	0
574993	3/5/2024 9:07	3/6/2024 9:00	1432.48	0
1394324	3/5/2024 9:07	3/6/2024 9:00	1432.15	0
562202	3/5/2024 9:08	3/6/2024 9:00	1431.48	0
317233	3/5/2024 9:08	3/6/2024 9:00	1431.13	0
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10222019	3/5/2024 9:08	3/6/2024 9:00	1431.15	0

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237177	3/5/2024 9:08	3/6/2024 9:00	1431.13	0
1321114	3/5/2024 9:08	3/5/2024 17:22	494	0
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188639	3/5/2024 9:09	3/5/2024 19:14	605	0
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25674	3/5/2024 9:17	3/5/2024 17:24	487	0
1395587	3/5/2024 9:19	3/6/2024 9:00	1420.15	0
24124	3/5/2024 9:20	3/6/2024 9:00	1419.13	0
593798	3/5/2024 9:20	3/6/2024 9:00	1419.48	0
593397	3/5/2024 9:22	3/5/2024 19:51	629	0
1190246	3/5/2024 9:27	3/6/2024 9:00	1412.15	0
1393699	3/5/2024 9:28	3/6/2024 9:00	1411.15	0
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9063373	3/5/2024 9:33	3/6/2024 9:00	1406.15	0
1597556	3/5/2024 9:33	3/6/2024 9:00	1406.93	0
1599209	3/5/2024 9:33	3/6/2024 9:00	1406.93	0
8104722	3/5/2024 9:41	3/5/2024 19:51	610	0
6280623	3/5/2024 9:41	3/5/2024 19:50	609	0
314899	3/5/2024 9:42	3/6/2024 9:00	1397.13	0
317084	3/5/2024 9:42	3/6/2024 9:00	1397.13	0
183822	3/5/2024 9:42	3/6/2024 9:00	1397.13	0
523489	3/5/2024 9:43	3/5/2024 14:09	266	0
49209	3/5/2024 9:47	3/5/2024 19:50	603	0
1604432	3/5/2024 9:48	3/6/2024 9:00	1391.93	0
926657	3/5/2024 9:50	3/5/2024 10:06	16	0
68308	3/5/2024 9:50	3/5/2024 10:48	58	0
580808	3/5/2024 9:51	3/5/2024 10:22	31	0
4173986	3/5/2024 9:52	3/6/2024 9:00	1387.13	0
1320008	3/5/2024 9:53	3/6/2024 9:00	1386.15	0
1515733	3/5/2024 9:53	3/5/2024 10:08	15	0
276488	3/5/2024 9:53	3/6/2024 9:00	1386.13	0.09
507365	3/5/2024 9:53	3/5/2024 10:24	31	0
1321605	3/5/2024 9:54	3/6/2024 9:00	1385.15	0
511266	3/5/2024 9:54	3/5/2024 10:37	43	0
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664453	3/5/2024 9:55	3/5/2024 20:01	606	0
510307	3/5/2024 9:57	3/5/2024 10:23	26	0
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1498622	3/5/2024 9:58	3/6/2024 9:00	1381.15	0
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47769	3/5/2024 10:02	3/6/2024 9:00	1377.13	0
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320966	3/5/2024 10:04	3/5/2024 14:31	267	0

281235	3/5/2024 10:04	3/6/2024 9:00	1375.13	0
1430294	3/5/2024 10:04	3/5/2024 20:02	598	0
314188	3/5/2024 10:05	3/6/2024 9:00	1374.13	0
601397	3/5/2024 10:05	3/5/2024 11:55	110	0
315169	3/5/2024 10:05	3/6/2024 9:00	1374.13	0
926657	3/5/2024 10:06	3/5/2024 10:21	15	0
605186	3/5/2024 10:07	3/5/2024 11:53	106	0
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8524544	3/5/2024 10:08	3/6/2024 9:00	1371.13	0
1515733	3/5/2024 10:08	3/5/2024 11:38	90	0
198082	3/5/2024 10:08	3/5/2024 10:50	42	0
1310926	3/5/2024 10:08	3/6/2024 9:00	1371.15	0
313269	3/5/2024 10:09	3/6/2024 9:00	1370.13	0
1511251	3/5/2024 10:10	3/6/2024 9:00	1369.93	0
1309098	3/5/2024 10:11	3/5/2024 19:55	584	0
169731	3/5/2024 10:12	3/6/2024 9:00	1367.13	0
7937779	3/5/2024 10:12	3/5/2024 20:01	589	0
174362	3/5/2024 10:13	3/5/2024 10:45	32	0
756553	3/5/2024 10:17	3/5/2024 20:01	584	0
1573666	3/5/2024 10:18	3/6/2024 9:00	1361.93	0
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561672	3/5/2024 10:20	3/5/2024 20:01	581	0
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444688	3/5/2024 10:21	3/6/2024 9:00	1358.48	0
1267978	3/5/2024 10:22	3/5/2024 10:54	32	0
580808	3/5/2024 10:22	3/5/2024 19:56	574	0
264379	3/5/2024 10:22	3/6/2024 9:00	1357.13	0
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274125	3/5/2024 10:23	3/6/2024 9:00	1356.13	0
510307	3/5/2024 10:23	3/5/2024 11:42	79	0
1463520	3/5/2024 10:24	3/5/2024 20:02	578	0
507365	3/5/2024 10:24	3/5/2024 11:37	73	0
506261	3/5/2024 10:24	3/5/2024 11:38	74	0
1511264	3/5/2024 10:25	3/5/2024 20:02	577	0.06
553863	3/5/2024 10:26	3/6/2024 9:00	1353.48	0
817825	3/5/2024 10:30	3/6/2024 9:00	1349.83	0
8950281	3/5/2024 10:30	3/6/2024 9:00	1349.13	0
51483	3/5/2024 10:31	3/6/2024 9:00	1348.13	0
926657	3/5/2024 10:31	3/5/2024 20:01	570	0
816722	3/5/2024 10:31	3/6/2024 9:00	1348.83	0
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800588	3/5/2024 10:40	3/6/2024 9:00	1339.83	0
801004	3/5/2024 10:40	3/6/2024 9:00	1339.83	0
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800600	3/5/2024 10:41	3/6/2024 9:00	1338.83	0
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1466357	3/5/2024 10:42	3/5/2024 19:57	555	0
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353651	3/5/2024 10:45	3/5/2024 19:58	553	0
174362	3/5/2024 10:45	3/5/2024 11:01	16	0
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416557	3/5/2024 10:46	3/5/2024 19:56	550	0
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328113	3/5/2024 10:49	3/6/2024 9:00	1330.13	0
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70277	3/5/2024 10:50	3/6/2024 9:00	1329.13	0
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353728	3/5/2024 10:54	3/5/2024 20:01	547	0
1267978	3/5/2024 10:54	3/5/2024 11:25	31	0
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1469850	3/5/2024 10:55	3/6/2024 9:00	1324.93	0
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645339	3/5/2024 10:56	3/5/2024 11:38	42	0
1508563	3/5/2024 10:56	3/6/2024 9:00	1323.93	0
1511532	3/5/2024 10:57	3/6/2024 9:00	1322.93	0
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10433250	3/5/2024 11:00	3/6/2024 9:00	1319.15	0
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428372	3/5/2024 11:02	3/6/2024 9:00	1317.48	0
1654064	3/5/2024 11:03	3/5/2024 11:44	41	0
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574596	3/5/2024 11:06	3/6/2024 9:00	1313.48	0
1556486	3/5/2024 11:06	3/6/2024 9:00	1313.93	0
1520832	3/5/2024 11:07	3/6/2024 9:00	1312.93	0
1683861	3/5/2024 11:07	3/5/2024 20:59	592	0
197356	3/5/2024 11:07	3/6/2024 9:00	1312.13	0
1465882	3/5/2024 11:07	3/5/2024 19:56	529	0
12682110	3/5/2024 11:08	3/5/2024 20:12	544	0
127206	3/5/2024 11:09	3/6/2024 9:00	1310.13	0
23462	3/5/2024 11:10	3/6/2024 9:00	1309.13	0
1265778	3/5/2024 11:11	3/6/2024 9:00	1308.15	0
10659831	3/5/2024 11:12	3/6/2024 9:00	1307.93	0
1624452	3/5/2024 11:18	3/5/2024 11:33	15	0
1466638	3/5/2024 11:18	3/5/2024 19:51	513	0
8434548	3/5/2024 11:18	3/6/2024 9:00	1301.13	0
926638	3/5/2024 11:18	3/5/2024 19:56	518	0
8495805	3/5/2024 11:21	3/6/2024 9:00	1298.48	0
500173	3/5/2024 11:21	3/5/2024 19:51	510	0.33
1672784	3/5/2024 11:21	3/6/2024 9:00	1298.48	0
1041597	3/5/2024 11:21	3/6/2024 9:00	1298.27	0
1472045	3/5/2024 11:22	3/6/2024 9:00	1297.93	0
646026	3/5/2024 11:24	3/5/2024 17:23	359	0
1267978	3/5/2024 11:25	3/5/2024 11:35	10	0
174362	3/5/2024 11:28	3/5/2024 19:55	507	0
1400258	3/5/2024 11:31	3/5/2024 11:46	15	0
1624452	3/5/2024 11:33	3/5/2024 11:49	16	0
308959	3/5/2024 11:33	3/6/2024 9:00	1286.13	0
456048	3/5/2024 11:34	3/5/2024 19:56	502	0
486985	3/5/2024 11:34	3/5/2024 13:09	95	0
309961	3/5/2024 11:34	3/6/2024 9:00	1285.13	0
1267978	3/5/2024 11:35	3/5/2024 20:08	513	0
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626477	3/5/2024 11:37	3/6/2024 9:00	1282.48	0
486880	3/5/2024 11:37	3/6/2024 9:00	1282.48	0
506261	3/5/2024 11:38	3/5/2024 19:51	493	0
1516579	3/5/2024 11:38	3/6/2024 9:00	1281.93	0
469018	3/5/2024 11:38	3/5/2024 12:05	27	0
1515733	3/5/2024 11:38	3/6/2024 9:00	1281.93	0
645339	3/5/2024 11:38	3/5/2024 14:37	179	0
624716	3/5/2024 11:39	3/6/2024 9:00	1280.48	0
1445317	3/5/2024 11:40	3/6/2024 9:00	1279.93	0
510307	3/5/2024 11:42	3/6/2024 9:00	1277.48	0
681300	3/5/2024 11:43	3/5/2024 11:59	16	0

1654064	3/5/2024 11:44	3/6/2024 9:00	1275.27	0
1400258	3/5/2024 11:46	3/5/2024 14:01	135	0
1430553	3/5/2024 11:48	3/5/2024 20:02	494	0
1430838	3/5/2024 11:48	3/5/2024 14:25	157	0
67738	3/5/2024 11:48	3/6/2024 9:00	1271.13	0
1624452	3/5/2024 11:49	3/5/2024 12:07	18	0
605186	3/5/2024 11:53	3/6/2024 9:00	1266.48	0
561757	3/5/2024 11:54	3/6/2024 9:00	1265.48	0
601397	3/5/2024 11:55	3/6/2024 9:00	1264.48	0
681300	3/5/2024 11:59	3/5/2024 12:08	9	0
14239	3/5/2024 12:03	3/6/2024 9:00	1256.13	0
6828301	3/5/2024 12:03	3/5/2024 19:59	476	0
450309	3/5/2024 12:04	3/6/2024 9:00	1255.48	0
469018	3/5/2024 12:05	3/6/2024 9:00	1254.48	0
1624452	3/5/2024 12:07	3/5/2024 19:57	470	0
681300	3/5/2024 12:08	3/6/2024 9:00	1251.83	0
15611	3/5/2024 12:16	3/6/2024 9:00	1243.13	0
14605	3/5/2024 12:19	3/6/2024 9:00	1240.13	0
13876	3/5/2024 12:19	3/6/2024 9:00	1240.13	0
1567514	3/5/2024 12:31	3/6/2024 9:00	1228.93	0
486985	3/5/2024 13:09	3/6/2024 9:00	1190.48	0
1355729	3/5/2024 13:41	3/5/2024 14:27	46	0
1353525	3/5/2024 13:43	3/5/2024 14:27	44	0
1400258	3/5/2024 14:01	3/5/2024 14:32	31	0
523489	3/5/2024 14:09	3/6/2024 9:00	1130.13	0
198082	3/5/2024 14:21	3/6/2024 9:00	1118.13	0
1319739	3/5/2024 14:24	3/6/2024 9:00	1115.15	0
1430838	3/5/2024 14:25	3/5/2024 14:43	18	0
1353525	3/5/2024 14:27	3/6/2024 9:00	1112.15	0
1355729	3/5/2024 14:27	3/6/2024 9:00	1112.15	0
320966	3/5/2024 14:31	3/6/2024 9:00	1108.13	0
56196	3/5/2024 14:32	3/6/2024 9:00	1107.13	0
1400258	3/5/2024 14:32	3/6/2024 9:00	1107.15	0
55854	3/5/2024 14:33	3/6/2024 9:00	1106.13	0
645339	3/5/2024 14:37	3/6/2024 9:00	1102.48	0
1430838	3/5/2024 14:43	3/6/2024 9:00	1096.93	0
1321114	3/5/2024 17:22	3/5/2024 19:55	153	0
646026	3/5/2024 17:23	3/5/2024 19:56	153	0
25674	3/5/2024 17:24	3/6/2024 9:00	935.13	0
317797	3/5/2024 19:08	3/6/2024 9:00	831.13	0
188639	3/5/2024 19:14	3/6/2024 9:00	825.13	0
1320845	3/5/2024 19:24	3/6/2024 8:21	777	0
274059	3/5/2024 19:45	3/6/2024 9:00	794.13	0
99953	3/5/2024 19:45	3/6/2024 9:00	794.13	0
97730	3/5/2024 19:45	3/6/2024 9:00	794.13	0
385332	3/5/2024 19:45	3/6/2024 9:00	794.48	0
68308	3/5/2024 19:45	3/6/2024 9:00	794.13	0

197690	3/5/2024 19:46	3/6/2024 9:00	793.13	0
277818	3/5/2024 19:46	3/6/2024 9:00	793.13	0
70866	3/5/2024 19:50	3/6/2024 9:00	789.13	0
49209	3/5/2024 19:50	3/6/2024 9:00	789.13	0
195839	3/5/2024 19:50	3/6/2024 9:00	789.13	0
6280623	3/5/2024 19:50	3/6/2024 9:00	789.13	0
500173	3/5/2024 19:51	3/6/2024 9:00	788.48	0
8104722	3/5/2024 19:51	3/6/2024 9:00	788.13	0
197883	3/5/2024 19:51	3/6/2024 9:00	788.13	0
593397	3/5/2024 19:51	3/6/2024 8:29	758	0
315730	3/5/2024 19:51	3/6/2024 8:18	747	0
506261	3/5/2024 19:51	3/6/2024 9:00	788.48	0
1466638	3/5/2024 19:51	3/6/2024 9:00	788.93	0
1321114	3/5/2024 19:55	3/6/2024 8:37	762	0
1309098	3/5/2024 19:55	3/6/2024 9:00	784.15	0
316997	3/5/2024 19:55	3/6/2024 9:00	784.13	0
174362	3/5/2024 19:55	3/6/2024 9:00	784.13	0
456048	3/5/2024 19:56	3/6/2024 9:00	783.48	0
416557	3/5/2024 19:56	3/6/2024 9:00	783.48	0
646026	3/5/2024 19:56	3/6/2024 9:00	783.48	0
6162956	3/5/2024 19:56	3/6/2024 9:00	783.13	0
1465882	3/5/2024 19:56	3/6/2024 9:00	783.93	0
511266	3/5/2024 19:56	3/6/2024 9:00	783.48	0
926638	3/5/2024 19:56	3/6/2024 9:00	783.83	0
580808	3/5/2024 19:56	3/6/2024 9:00	783.48	0
1624452	3/5/2024 19:57	3/6/2024 9:00	782.93	0
1466357	3/5/2024 19:57	3/6/2024 9:00	782.93	0
353651	3/5/2024 19:58	3/6/2024 9:00	781.13	0
6828301	3/5/2024 19:59	3/6/2024 9:00	780.13	0
1320619	3/5/2024 20:00	3/6/2024 8:38	758	0
756553	3/5/2024 20:01	3/6/2024 9:00	778.48	0
353728	3/5/2024 20:01	3/6/2024 4:07	486	0
7937779	3/5/2024 20:01	3/6/2024 9:00	778.15	0
926657	3/5/2024 20:01	3/6/2024 9:00	778.83	0
664453	3/5/2024 20:01	3/6/2024 9:00	778.83	0
561672	3/5/2024 20:01	3/6/2024 9:00	778.48	0
1554218	3/5/2024 20:01	3/6/2024 9:00	778.93	0
1565203	3/5/2024 20:01	3/6/2024 9:00	778.93	0
1430553	3/5/2024 20:02	3/6/2024 9:00	777.93	0
1430294	3/5/2024 20:02	3/6/2024 9:00	777.93	0
1463520	3/5/2024 20:02	3/6/2024 9:00	777.93	0
1511264	3/5/2024 20:02	3/6/2024 9:00	777.93	0
1267978	3/5/2024 20:08	3/6/2024 9:00	771.27	0
8068454	3/5/2024 20:10	3/6/2024 9:00	769.48	0
1414392	3/5/2024 20:11	3/6/2024 9:00	768.15	0
12682110	3/5/2024 20:12	3/6/2024 9:00	767.93	0
1552154	3/5/2024 20:12	3/6/2024 9:00	767.93	0

1683861	3/5/2024 20:59	3/6/2024 9:00	720.13	0
51957	3/6/2024 3:04	3/6/2024 9:00	355.13	0
353728	3/6/2024 4:07	3/6/2024 9:00	292.13	0
315730	3/6/2024 8:18	3/6/2024 9:00	41.13	0
1320845	3/6/2024 8:21	3/6/2024 8:36	15	0
593397	3/6/2024 8:29	3/6/2024 9:00	30.48	0
1320845	3/6/2024 8:36	3/6/2024 9:00	23.15	0
1321114	3/6/2024 8:37	3/6/2024 9:00	22.15	0
1320619	3/6/2024 8:38	3/6/2024 9:00	21.15	0
353728	3/6/2024 9:00	3/6/2024 11:37	157	0
7937779	3/6/2024 9:00	3/6/2024 11:13	133	0
447406	3/6/2024 9:00	3/7/2024 9:00	1439.48	0
345752	3/6/2024 9:00	3/7/2024 9:00	1439.13	0
675499	3/6/2024 9:00	3/7/2024 9:00	1439.83	0
1366197	3/6/2024 9:00	3/7/2024 9:00	1439.15	0
7879030	3/6/2024 9:00	3/6/2024 14:47	347	0
811953	3/6/2024 9:00	3/7/2024 9:00	1439.83	0
1453263	3/6/2024 9:00	3/6/2024 10:57	117	0
1288420	3/6/2024 9:00	3/7/2024 9:00	1439.15	0
574993	3/6/2024 9:00	3/6/2024 11:51	171	0
562202	3/6/2024 9:00	3/6/2024 15:56	416	0
1352388	3/6/2024 9:00	3/7/2024 9:00	1439.15	0
1516786	3/6/2024 9:00	3/6/2024 14:26	326	0
56008	3/6/2024 9:03	3/6/2024 19:34	631	0
54514	3/6/2024 9:03	3/6/2024 20:27	684	0
1320845	3/6/2024 9:08	3/6/2024 11:40	152	0
1321663	3/6/2024 9:08	3/6/2024 11:40	152	0
1321114	3/6/2024 9:08	3/6/2024 19:22	614	0
1513541	3/6/2024 9:08	3/7/2024 9:00	1431.93	0
317797	3/6/2024 9:11	3/6/2024 19:45	634	0
1320619	3/6/2024 9:14	3/6/2024 19:29	615	0
593397	3/6/2024 9:16	3/6/2024 19:40	624	0
315730	3/6/2024 9:16	3/6/2024 19:56	640	0
27483	3/6/2024 9:25	3/6/2024 19:46	621	0
29848	3/6/2024 9:25	3/6/2024 19:39	614	0
580808	3/6/2024 9:25	3/6/2024 11:52	147	0
189581	3/6/2024 9:26	3/7/2024 8:12	1366	0
34905	3/6/2024 9:26	3/6/2024 14:43	317	0
188639	3/6/2024 9:27	3/6/2024 11:17	110	0
25674	3/6/2024 9:27	3/6/2024 14:42	315	0
1417138	3/6/2024 9:35	3/6/2024 19:50	615	0
1524033	3/6/2024 9:40	3/6/2024 14:26	286	0
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70866	3/6/2024 9:55	3/6/2024 13:47	232	0
8950281	3/6/2024 9:56	3/6/2024 11:19	83	0
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1516579	3/6/2024 9:56	3/6/2024 10:37	41	0

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96751	3/6/2024 9:57	3/6/2024 14:51	294	0
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314188	3/6/2024 10:05	3/6/2024 19:43	578	0
1394324	3/6/2024 10:05	3/6/2024 19:58	593	0
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316997	3/6/2024 10:08	3/6/2024 14:10	242	0
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1393699	3/6/2024 10:10	3/6/2024 19:37	567	0
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1463520	3/6/2024 10:12	3/6/2024 19:59	587	0
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47769	3/6/2024 10:16	3/6/2024 19:37	561	0
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1190246	3/6/2024 11:08	3/6/2024 14:38	210	0
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1375642	3/6/2024 11:13	3/6/2024 11:44	31	0
1493132	3/6/2024 11:13	3/6/2024 11:45	32	0
1378273	3/6/2024 11:14	3/6/2024 11:45	31	0
1393633	3/6/2024 11:14	3/6/2024 19:33	499	0
127206	3/6/2024 11:15	3/7/2024 9:00	1304.13	0
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1430838	3/6/2024 11:19	3/6/2024 19:53	514	0
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469018	3/6/2024 11:34	3/6/2024 11:49	15	0
601397	3/6/2024 11:35	3/6/2024 14:07	152	0
1309098	3/6/2024 11:36	3/6/2024 14:45	189	0
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23462	3/6/2024 11:39	3/6/2024 14:45	186	0
1701172	3/6/2024 11:39	3/6/2024 15:41	242	0
1307027	3/6/2024 11:39	3/6/2024 14:46	187	0
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605186	3/6/2024 11:40	3/6/2024 14:07	147	0
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1444947	3/6/2024 11:40	3/6/2024 11:56	16	0
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26864	3/6/2024 11:43	3/6/2024 14:11	148	0
418876	3/6/2024 11:44	3/6/2024 13:18	94	0
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417158	3/6/2024 11:47	3/6/2024 13:16	89	0
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68308	3/6/2024 11:48	3/6/2024 19:41	473	0

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346288	3/6/2024 11:55	3/6/2024 19:38	463	0
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321287	3/6/2024 12:00	3/6/2024 19:57	477	0
1041597	3/6/2024 12:01	3/6/2024 14:33	152	0
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265473	3/6/2024 12:04	3/6/2024 19:47	463	0
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449377	3/6/2024 12:05	3/6/2024 12:21	16	0
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626477	3/6/2024 12:06	3/7/2024 9:00	1253.48	0
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13912	3/6/2024 12:18	3/7/2024 9:00	1241.13	0
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449377	3/6/2024 12:21	3/6/2024 12:57	36	0
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1378273	3/6/2024 12:31	3/6/2024 14:58	147	0

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469018	3/6/2024 13:03	3/6/2024 14:32	89	0
465344	3/6/2024 13:06	3/7/2024 9:00	1193.48	0
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833763	3/6/2024 13:35	3/7/2024 9:00	1164.83	0
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8148103	3/6/2024 14:08	3/6/2024 14:39	31	0
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34832	3/6/2024 14:11	3/6/2024 14:42	31	0
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317084	3/6/2024 14:11	3/6/2024 14:43	32	0
1552154	3/6/2024 14:12	3/6/2024 14:22	10	0
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523489	3/6/2024 14:12	3/6/2024 14:38	26	0
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8950281	3/6/2024 14:17	3/6/2024 14:33	16	0
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1321605	3/6/2024 14:38	3/6/2024 19:47	309	0
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381982	3/6/2024 14:45	3/6/2024 19:54	309	0
1565203	3/6/2024 14:45	3/6/2024 20:00	315	0
456084	3/6/2024 14:46	3/6/2024 19:45	299	0
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1307027	3/6/2024 14:46	3/6/2024 19:27	281	0
1064575	3/6/2024 14:46	3/6/2024 19:40	294	0
456048	3/6/2024 14:47	3/6/2024 19:54	307	0
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4173986	3/6/2024 14:49	3/6/2024 19:45	296	0
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1514004	3/6/2024 14:49	3/6/2024 19:37	288	0

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195839	3/6/2024 14:51	3/6/2024 19:38	287	0
276488	3/6/2024 14:51	3/6/2024 19:45	294	0
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1446401	3/6/2024 14:55	3/6/2024 19:45	290	0
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328113	3/6/2024 14:59	3/6/2024 19:53	294	0
989956	3/6/2024 14:59	3/7/2024 9:00	1080.27	0
1493132	3/6/2024 14:59	3/6/2024 15:46	47	0
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928438	3/6/2024 15:03	3/7/2024 9:00	1076.83	0
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11435788	3/6/2024 15:04	3/6/2024 19:53	289	0
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68620	3/6/2024 15:05	3/6/2024 19:53	288	0
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1624452	3/6/2024 15:06	3/6/2024 19:54	288	0

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1567514	3/6/2024 15:47	3/6/2024 19:59	252	0
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1347024	3/6/2024 15:56	3/7/2024 9:00	1023.15	0
1348976	3/6/2024 15:56	3/6/2024 19:52	236	0
449377	3/6/2024 15:56	3/6/2024 16:43	47	0
1702936	3/6/2024 15:56	3/7/2024 9:00	1023.15	0
1347943	3/6/2024 15:57	3/7/2024 9:00	1022.15	0
1074779	3/6/2024 15:57	3/6/2024 19:59	242	0
1349083	3/6/2024 15:57	3/6/2024 19:53	236	0
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1597556	3/6/2024 16:28	3/6/2024 19:58	210	0
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1309098	3/6/2024 19:23	3/7/2024 9:00	816.15	0

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1307027	3/6/2024 19:27	3/7/2024 9:00	812.15	0
1320845	3/6/2024 19:27	3/7/2024 9:00	812.15	0
1320008	3/6/2024 19:27	3/7/2024 9:00	812.15	0
1320619	3/6/2024 19:29	3/7/2024 9:00	810.15	0
658177	3/6/2024 19:30	3/7/2024 9:00	809.83	0
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264379	3/6/2024 19:31	3/7/2024 9:00	808.13	0
428372	3/6/2024 19:32	3/7/2024 9:00	807.48	0
1393633	3/6/2024 19:33	3/7/2024 9:00	806.15	0
1513398	3/6/2024 19:33	3/7/2024 9:00	806.93	0
1332906	3/6/2024 19:33	3/7/2024 9:00	806.15	0
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12376755	3/6/2024 19:36	3/7/2024 9:00	803.15	0
196965	3/6/2024 19:36	3/7/2024 9:00	803.13	0
8717997	3/6/2024 19:37	3/7/2024 9:00	802.83	0
1349766	3/6/2024 19:37	3/7/2024 9:00	802.15	0
47769	3/6/2024 19:37	3/7/2024 9:00	802.13	0
593798	3/6/2024 19:37	3/7/2024 9:00	802.48	0
1393699	3/6/2024 19:37	3/7/2024 9:00	802.15	0
1514004	3/6/2024 19:37	3/7/2024 9:00	802.93	0
380736	3/6/2024 19:37	3/7/2024 9:00	802.48	0
656343	3/6/2024 19:38	3/7/2024 9:00	801.83	0
1041597	3/6/2024 19:38	3/7/2024 9:00	801.27	0
195839	3/6/2024 19:38	3/7/2024 9:00	801.13	0
346288	3/6/2024 19:38	3/7/2024 9:00	801.13	0
1417279	3/6/2024 19:39	3/7/2024 9:00	800.15	0
29848	3/6/2024 19:39	3/7/2024 9:00	800.13	0
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1378582	3/6/2024 19:40	3/7/2024 9:00	799.15	0
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197690	3/6/2024 19:40	3/7/2024 9:00	799.13	0
593397	3/6/2024 19:40	3/7/2024 8:43	783	0
926657	3/6/2024 19:41	3/7/2024 9:00	798.83	0
317233	3/6/2024 19:41	3/7/2024 8:07	746	0
34832	3/6/2024 19:41	3/7/2024 9:00	798.13	0
1378273	3/6/2024 19:41	3/7/2024 9:00	798.15	0
506261	3/6/2024 19:41	3/7/2024 9:00	798.48	0
68308	3/6/2024 19:41	3/7/2024 9:00	798.13	0
1265778	3/6/2024 19:41	3/7/2024 9:00	798.15	0
816722	3/6/2024 19:42	3/7/2024 9:00	797.83	0
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523489	3/6/2024 19:42	3/7/2024 9:00	797.13	0
314899	3/6/2024 19:43	3/7/2024 9:00	796.13	0

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8950281	3/6/2024 19:43	3/7/2024 9:00	796.13	0
281332	3/6/2024 19:43	3/7/2024 9:00	796.13	0
553863	3/6/2024 19:43	3/7/2024 9:00	796.48	0
277818	3/6/2024 19:43	3/7/2024 9:00	796.13	0
314188	3/6/2024 19:43	3/7/2024 8:03	740	0
1432827	3/6/2024 19:43	3/7/2024 9:00	796.93	0
510307	3/6/2024 19:43	3/7/2024 9:00	796.48	0
99953	3/6/2024 19:44	3/7/2024 9:00	795.13	0
23462	3/6/2024 19:44	3/7/2024 9:00	795.13	0
509102	3/6/2024 19:44	3/7/2024 9:00	795.48	0
97730	3/6/2024 19:44	3/7/2024 9:00	795.13	0
1538577	3/6/2024 19:44	3/7/2024 9:00	795.93	0
6280623	3/6/2024 19:44	3/7/2024 9:00	795.13	0
1493766	3/6/2024 19:44	3/7/2024 9:00	795.15	0
580808	3/6/2024 19:44	3/7/2024 9:00	795.48	0
975066	3/6/2024 19:45	3/7/2024 9:00	794.27	0
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8434548	3/6/2024 19:45	3/7/2024 9:00	794.13	0
49209	3/6/2024 19:45	3/7/2024 9:00	794.13	0
96751	3/6/2024 19:45	3/7/2024 9:00	794.13	0
4173986	3/6/2024 19:45	3/7/2024 9:00	794.13	0
1446401	3/6/2024 19:45	3/7/2024 9:00	794.93	0
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456084	3/6/2024 19:45	3/7/2024 9:00	794.48	0
274059	3/6/2024 19:45	3/7/2024 9:00	794.13	0
7937779	3/6/2024 19:45	3/7/2024 9:00	794.15	0
317797	3/6/2024 19:45	3/7/2024 8:08	743	0
658642	3/6/2024 19:46	3/7/2024 9:00	793.83	0
27483	3/6/2024 19:46	3/7/2024 9:00	793.13	0
1503634	3/6/2024 19:46	3/7/2024 9:00	793.15	0
8104722	3/6/2024 19:46	3/7/2024 9:00	793.13	0
316997	3/6/2024 19:46	3/7/2024 9:00	793.13	0
26864	3/6/2024 19:46	3/7/2024 9:00	793.13	0
34887	3/6/2024 19:46	3/7/2024 9:00	793.13	0
12378019	3/6/2024 19:46	3/7/2024 9:00	793.13	0
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1405290	3/6/2024 19:47	3/7/2024 9:00	792.15	0
1321605	3/6/2024 19:47	3/7/2024 9:00	792.15	0
7879030	3/6/2024 19:47	3/7/2024 9:00	792.48	0
1551510	3/6/2024 19:47	3/7/2024 9:00	792.93	0
265473	3/6/2024 19:47	3/7/2024 9:00	792.13	0

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8486022	3/6/2024 19:48	3/7/2024 9:00	791.93	0
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281235	3/6/2024 19:48	3/7/2024 9:00	791.13	0
551972	3/6/2024 19:48	3/7/2024 9:00	791.48	0
8524544	3/6/2024 19:48	3/7/2024 9:00	791.13	0
14239	3/6/2024 19:48	3/7/2024 9:00	791.13	0
342796	3/6/2024 19:48	3/7/2024 9:00	791.13	0
664453	3/6/2024 19:48	3/7/2024 9:00	791.83	0
13876	3/6/2024 19:48	3/7/2024 9:00	791.13	0
510522	3/6/2024 19:48	3/7/2024 9:00	791.48	0
1553525	3/6/2024 19:49	3/7/2024 9:00	790.93	0
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11081884	3/6/2024 19:49	3/7/2024 9:00	790.13	0
1251782	3/6/2024 19:49	3/7/2024 9:00	790.83	0
817825	3/6/2024 19:49	3/7/2024 9:00	790.83	0
8148103	3/6/2024 19:49	3/7/2024 9:00	790.13	0
416557	3/6/2024 19:49	3/7/2024 9:00	790.48	0
345647	3/6/2024 19:49	3/7/2024 9:00	790.13	0
511223	3/6/2024 19:49	3/7/2024 9:00	790.48	0
1431804	3/6/2024 19:49	3/7/2024 9:00	790.93	0
415949	3/6/2024 19:49	3/7/2024 9:00	790.48	0
1456419	3/6/2024 19:49	3/7/2024 9:00	790.93	0
12377908	3/6/2024 19:49	3/7/2024 9:00	790.13	0
511266	3/6/2024 19:50	3/7/2024 9:00	789.48	0
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1385431	3/6/2024 19:50	3/7/2024 9:00	789.15	0
587455	3/6/2024 19:50	3/7/2024 9:00	789.48	0
1421188	3/6/2024 19:50	3/7/2024 9:00	789.15	0
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500173	3/6/2024 19:51	3/7/2024 9:00	788.48	0
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24124	3/6/2024 19:51	3/7/2024 9:00	788.13	0
1466357	3/6/2024 19:51	3/7/2024 9:00	788.93	0
1524033	3/6/2024 19:51	3/7/2024 9:00	788.93	0
903630	3/6/2024 19:51	3/7/2024 9:00	788.83	0
1453263	3/6/2024 19:52	3/7/2024 9:00	787.93	0
317084	3/6/2024 19:52	3/7/2024 9:00	787.13	0
6995795	3/6/2024 19:52	3/7/2024 9:00	787.48	0
469018	3/6/2024 19:52	3/7/2024 9:00	787.48	0
793285	3/6/2024 19:52	3/7/2024 9:00	787.83	0
1348976	3/6/2024 19:52	3/7/2024 9:00	787.15	0

790670	3/6/2024 19:52	3/7/2024 9:00	787.83	0
957615	3/6/2024 19:52	3/7/2024 9:00	787.27	0
1554677	3/6/2024 19:52	3/7/2024 9:00	787.93	0
34905	3/6/2024 19:52	3/7/2024 8:11	739	0
11435788	3/6/2024 19:53	3/7/2024 9:00	786.13	0
1493132	3/6/2024 19:53	3/7/2024 9:00	786.15	0
14605	3/6/2024 19:53	3/7/2024 9:00	786.13	0
328113	3/6/2024 19:53	3/7/2024 9:00	786.13	0
10013697	3/6/2024 19:53	3/7/2024 9:00	786.93	0
507365	3/6/2024 19:53	3/7/2024 9:00	786.48	0
69207	3/6/2024 19:53	3/7/2024 9:00	786.13	0
1430838	3/6/2024 19:53	3/7/2024 8:50	777	0
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15611	3/6/2024 19:53	3/7/2024 9:00	786.13	0
1349083	3/6/2024 19:53	3/7/2024 9:00	786.15	0
12682110	3/6/2024 19:53	3/7/2024 9:00	786.93	0
1552154	3/6/2024 19:53	3/7/2024 9:00	786.93	0
1664433	3/6/2024 19:53	3/7/2024 9:00	786.83	0
68620	3/6/2024 19:53	3/7/2024 9:00	786.13	0
1551513	3/6/2024 19:54	3/7/2024 9:00	785.93	0
1550815	3/6/2024 19:54	3/7/2024 9:00	785.93	0
645339	3/6/2024 19:54	3/7/2024 9:00	785.48	0
574596	3/6/2024 19:54	3/7/2024 9:00	785.48	0
1520371	3/6/2024 19:54	3/7/2024 9:00	785.93	0
1599209	3/6/2024 19:54	3/7/2024 9:00	785.93	0
381982	3/6/2024 19:54	3/7/2024 9:00	785.48	0
1624452	3/6/2024 19:54	3/7/2024 9:00	785.93	0
1564506	3/6/2024 19:54	3/7/2024 9:00	785.93	0
1521655	3/6/2024 19:54	3/7/2024 9:00	785.93	0
29635	3/6/2024 19:54	3/7/2024 9:00	785.13	0
456048	3/6/2024 19:54	3/7/2024 9:00	785.48	0
1546695	3/6/2024 19:54	3/7/2024 9:00	785.93	0
1547808	3/6/2024 19:54	3/7/2024 9:00	785.93	0
101426	3/6/2024 19:54	3/7/2024 9:00	785.13	0
8511623	3/6/2024 19:54	3/7/2024 9:00	785.13	0
1461583	3/6/2024 19:54	3/7/2024 9:00	785.93	0
1604432	3/6/2024 19:54	3/7/2024 9:00	785.93	0
274125	3/6/2024 19:54	3/7/2024 9:00	785.13	0
1554218	3/6/2024 19:54	3/7/2024 9:00	785.93	0
564518	3/6/2024 19:54	3/7/2024 9:00	785.48	0
561672	3/6/2024 19:55	3/7/2024 9:00	784.48	0
6714863	3/6/2024 19:55	3/7/2024 9:00	784.83	0
317126	3/6/2024 19:55	3/7/2024 9:00	784.13	0
35442	3/6/2024 19:55	3/7/2024 9:00	784.13	0
1430294	3/6/2024 19:55	3/7/2024 9:00	784.93	0
1539391	3/6/2024 19:55	3/7/2024 9:00	784.93	0
315730	3/6/2024 19:56	3/7/2024 8:01	725	0

562346	3/6/2024 19:56	3/7/2024 9:00	783.48	0
353728	3/6/2024 19:56	3/7/2024 9:00	783.13	0
380057	3/6/2024 19:56	3/7/2024 9:00	783.48	0
1511532	3/6/2024 19:56	3/7/2024 9:00	783.93	0
1414392	3/6/2024 19:56	3/7/2024 9:00	783.15	0
1430553	3/6/2024 19:56	3/7/2024 8:48	772	0
1416360	3/6/2024 19:57	3/7/2024 9:00	782.15	0
570321	3/6/2024 19:57	3/7/2024 9:00	782.48	0
1516786	3/6/2024 19:57	3/7/2024 9:00	782.93	0
1567316	3/6/2024 19:57	3/7/2024 9:00	782.93	0
197356	3/6/2024 19:57	3/7/2024 9:00	782.13	0
321287	3/6/2024 19:57	3/7/2024 9:00	782.13	0
1515733	3/6/2024 19:58	3/7/2024 9:00	781.93	0
1516579	3/6/2024 19:58	3/7/2024 9:00	781.93	0
553755	3/6/2024 19:58	3/7/2024 9:00	781.48	0
308622	3/6/2024 19:58	3/7/2024 9:00	781.13	0
1597556	3/6/2024 19:58	3/7/2024 9:00	781.93	0
56196	3/6/2024 19:58	3/7/2024 9:00	781.13	0
1602630	3/6/2024 19:58	3/7/2024 9:00	781.93	0
1576533	3/6/2024 19:58	3/7/2024 9:00	781.93	0
9063373	3/6/2024 19:58	3/7/2024 9:00	781.15	0
320966	3/6/2024 19:58	3/7/2024 9:00	781.13	0
1375642	3/6/2024 19:58	3/7/2024 9:00	781.15	0
1494722	3/6/2024 19:58	3/7/2024 9:00	781.15	0
1394324	3/6/2024 19:58	3/7/2024 9:00	781.15	0
1074779	3/6/2024 19:59	3/7/2024 9:00	780.48	0
1567514	3/6/2024 19:59	3/7/2024 9:00	780.93	0
1465391	3/6/2024 19:59	3/7/2024 9:00	780.93	0
1463520	3/6/2024 19:59	3/7/2024 9:00	780.93	0
552210	3/6/2024 19:59	3/7/2024 9:00	780.48	0
601397	3/6/2024 19:59	3/7/2024 9:00	780.48	0
8495805	3/6/2024 19:59	3/7/2024 9:00	780.48	0
313269	3/6/2024 19:59	3/7/2024 9:00	780.13	0
1555268	3/6/2024 19:59	3/7/2024 9:00	780.93	0
605186	3/6/2024 19:59	3/7/2024 9:00	780.48	0
574993	3/6/2024 19:59	3/7/2024 9:00	780.48	0
549370	3/6/2024 20:00	3/7/2024 9:00	779.48	0
1511264	3/6/2024 20:00	3/7/2024 9:00	779.93	0
1523524	3/6/2024 20:00	3/7/2024 9:00	779.93	0
1565203	3/6/2024 20:00	3/7/2024 9:00	779.93	0
11176351	3/6/2024 20:00	3/7/2024 9:00	779.93	0
1641091	3/6/2024 20:01	3/7/2024 9:00	778.93	0
449377	3/6/2024 20:03	3/6/2024 20:55	52	0
8068454	3/6/2024 20:05	3/7/2024 9:00	774.48	0
54514	3/6/2024 20:27	3/7/2024 9:00	752.13	0
1522301	3/6/2024 20:33	3/7/2024 9:00	746.93	0
449377	3/6/2024 20:55	3/6/2024 21:11	16	0

277301	3/6/2024 21:04	3/7/2024 9:00	715.13	0
449377	3/6/2024 21:11	3/6/2024 22:24	73	0
188639	3/6/2024 21:21	3/7/2024 9:00	698.13	0
449377	3/6/2024 22:24	3/6/2024 23:06	42	0
449377	3/6/2024 23:06	3/6/2024 23:48	42	0
449377	3/6/2024 23:48	3/7/2024 0:15	27	0
563721	3/6/2024 23:57	3/7/2024 9:00	542.48	0
449377	3/7/2024 0:15	3/7/2024 0:51	36	0
449377	3/7/2024 0:51	3/7/2024 1:18	27	0
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449377	3/7/2024 4:27	3/7/2024 6:22	115	0
449377	3/7/2024 6:22	3/7/2024 6:59	37	0
449377	3/7/2024 6:59	3/7/2024 7:15	16	0
449377	3/7/2024 7:15	3/7/2024 8:07	52	0
1445317	3/7/2024 7:55	3/7/2024 9:00	64.93	0
315730	3/7/2024 8:01	3/7/2024 8:16	15	0
315169	3/7/2024 8:02	3/7/2024 8:18	16	0
314188	3/7/2024 8:03	3/7/2024 8:19	16	0
449377	3/7/2024 8:07	3/7/2024 8:55	48	0
317233	3/7/2024 8:07	3/7/2024 8:22	15	0
317797	3/7/2024 8:08	3/7/2024 9:00	51.13	0
34905	3/7/2024 8:11	3/7/2024 9:00	48.13	0
189581	3/7/2024 8:12	3/7/2024 9:00	47.13	0
315730	3/7/2024 8:16	3/7/2024 9:00	43.13	0
315169	3/7/2024 8:18	3/7/2024 9:00	41.13	0
314188	3/7/2024 8:19	3/7/2024 9:00	40.13	0
317233	3/7/2024 8:22	3/7/2024 9:00	37.13	0
385332	3/7/2024 8:25	3/7/2024 9:00	34.48	0
593397	3/7/2024 8:43	3/7/2024 9:00	16.48	0
1430644	3/7/2024 8:47	3/7/2024 9:00	12.93	0
1430553	3/7/2024 8:48	3/7/2024 9:00	11.93	0
1430838	3/7/2024 8:50	3/7/2024 9:00	9.93	0
449377	3/7/2024 8:55	3/7/2024 9:00	4.48	0
25674	3/7/2024 8:58	3/7/2024 9:00	1.13	0
7879030	3/7/2024 9:00	3/8/2024 9:00	1439.48	0
444688	3/7/2024 9:00	3/8/2024 9:00	1439.48	0
1493132	3/7/2024 9:00	3/7/2024 20:18	678	1.44
8434548	3/7/2024 9:00	3/8/2024 9:00	1439.13	0.05
447406	3/7/2024 9:00	3/7/2024 14:20	320	0
1366197	3/7/2024 9:00	3/8/2024 9:00	1439.15	0
96751	3/7/2024 9:00	3/8/2024 9:00	1439.13	0

1453263	3/7/2024 9:00	3/7/2024 10:55	115	0
1288420	3/7/2024 9:00	3/8/2024 9:00	1439.15	0
811953	3/7/2024 9:00	3/8/2024 9:00	1439.83	0
1701172	3/7/2024 9:00	3/7/2024 19:56	656	0
675499	3/7/2024 9:00	3/7/2024 14:51	351	0
353728	3/7/2024 9:00	3/7/2024 10:25	85	0
7937779	3/7/2024 9:00	3/7/2024 10:32	92	0
319279	3/7/2024 9:00	3/8/2024 9:00	1439.13	0
8724096	3/7/2024 9:00	3/8/2024 9:00	1439.15	0
1348731	3/7/2024 9:00	3/8/2024 9:00	1439.15	0
1494722	3/7/2024 9:00	3/7/2024 20:17	677	0
1413046	3/7/2024 9:00	3/8/2024 9:00	1439.15	0
1516786	3/7/2024 9:00	3/8/2024 9:00	1439.93	0
1516579	3/7/2024 9:00	3/7/2024 10:55	115	0
562202	3/7/2024 9:00	3/8/2024 9:00	1439.48	0
8950281	3/7/2024 9:00	3/7/2024 10:04	64	0
554089	3/7/2024 9:00	3/8/2024 9:00	1439.48	0
1333801	3/7/2024 9:00	3/7/2024 11:06	126	0
202435	3/7/2024 9:00	3/8/2024 9:00	1439.13	0
10714479	3/7/2024 9:00	3/8/2024 9:00	1439.93	0
953854	3/7/2024 9:00	3/8/2024 9:00	1439.27	0
1352388	3/7/2024 9:00	3/8/2024 9:00	1439.15	0
1064514	3/7/2024 9:01	3/8/2024 9:00	1438.27	0
601397	3/7/2024 9:01	3/7/2024 14:53	352	0
1624452	3/7/2024 9:02	3/7/2024 14:48	346	0
860281	3/7/2024 9:05	3/7/2024 11:21	136	0
275015	3/7/2024 9:06	3/7/2024 11:36	150	0.05
1320845	3/7/2024 9:06	3/7/2024 20:06	660	0.2
859747	3/7/2024 9:07	3/7/2024 11:23	136	0
6280623	3/7/2024 9:07	3/7/2024 20:09	662	0.07
664030	3/7/2024 9:07	3/8/2024 9:00	1432.83	0
1394324	3/7/2024 9:07	3/7/2024 20:14	667	0
574993	3/7/2024 9:07	3/7/2024 10:21	74	0
10222019	3/7/2024 9:07	3/8/2024 9:00	1432.15	0
314899	3/7/2024 9:08	3/7/2024 20:12	664	0
345752	3/7/2024 9:08	3/8/2024 9:00	1431.13	0
1513541	3/7/2024 9:09	3/8/2024 9:00	1430.93	0
317084	3/7/2024 9:10	3/7/2024 20:19	669	0
1321663	3/7/2024 9:10	3/7/2024 20:07	657	0.12
1320619	3/7/2024 9:10	3/7/2024 20:05	655	0
385332	3/7/2024 9:10	3/7/2024 20:15	665	0
317233	3/7/2024 9:10	3/7/2024 19:22	612	0.54
523489	3/7/2024 9:11	3/7/2024 20:12	661	0.77
1320008	3/7/2024 9:11	3/7/2024 20:07	656	0
8104722	3/7/2024 9:11	3/7/2024 20:15	664	0
1321114	3/7/2024 9:12	3/7/2024 20:09	657	0
1320646	3/7/2024 9:12	3/7/2024 20:11	659	0.18

314188	3/7/2024 9:16	3/7/2024 20:09	653	0
315169	3/7/2024 9:16	3/7/2024 20:12	656	0
320966	3/7/2024 9:16	3/7/2024 14:15	299	0.97
315730	3/7/2024 9:19	3/7/2024 20:16	657	0.56
317797	3/7/2024 9:23	3/7/2024 19:29	606	0
1551510	3/7/2024 9:25	3/7/2024 11:41	136	0
1551513	3/7/2024 9:27	3/7/2024 11:39	132	0
1393699	3/7/2024 9:27	3/7/2024 20:10	643	0
1190246	3/7/2024 9:27	3/7/2024 20:02	635	0
10013697	3/7/2024 9:28	3/7/2024 11:39	131	0
593397	3/7/2024 9:30	3/7/2024 20:09	639	0
1430838	3/7/2024 9:32	3/7/2024 11:39	127	0
1554218	3/7/2024 9:34	3/7/2024 11:34	120	0.14
1430644	3/7/2024 9:35	3/7/2024 11:41	126	0.08
70866	3/7/2024 9:35	3/7/2024 10:17	42	0
1430553	3/7/2024 9:35	3/7/2024 11:41	126	0
1321605	3/7/2024 9:37	3/7/2024 20:00	623	0
1321750	3/7/2024 9:39	3/7/2024 10:52	73	0
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29635	3/7/2024 9:45	3/7/2024 10:01	16	0
561672	3/7/2024 9:45	3/7/2024 10:01	16	0
9063373	3/7/2024 9:48	3/7/2024 20:18	630	0
1463218	3/7/2024 9:48	3/7/2024 10:04	16	0
4173986	3/7/2024 9:49	3/7/2024 11:38	109	0
276488	3/7/2024 9:50	3/7/2024 11:35	105	0
1310926	3/7/2024 9:53	3/7/2024 20:12	619	0
1664433	3/7/2024 9:53	3/7/2024 10:04	11	0
553863	3/7/2024 9:53	3/7/2024 11:38	105	0.18
1464949	3/7/2024 9:53	3/7/2024 10:05	12	0
1267978	3/7/2024 9:55	3/7/2024 12:08	133	0
1309098	3/7/2024 9:55	3/7/2024 20:05	610	0
1515733	3/7/2024 9:56	3/7/2024 11:41	105	0.33
664453	3/7/2024 9:59	3/7/2024 14:26	267	0
23462	3/7/2024 10:00	3/7/2024 10:16	16	0
25066	3/7/2024 10:00	3/7/2024 10:16	16	0
188639	3/7/2024 10:00	3/7/2024 11:35	95	0.1
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49209	3/7/2024 10:00	3/7/2024 20:20	620	0
561672	3/7/2024 10:01	3/7/2024 20:15	614	0
189581	3/7/2024 10:01	3/7/2024 10:17	16	0
27483	3/7/2024 10:01	3/7/2024 11:35	94	0
29635	3/7/2024 10:01	3/7/2024 10:33	32	0
25674	3/7/2024 10:02	3/7/2024 11:30	88	0
34905	3/7/2024 10:03	3/7/2024 10:19	16	0
34832	3/7/2024 10:03	3/7/2024 10:29	26	0
30471	3/7/2024 10:03	3/7/2024 10:18	15	0
26864	3/7/2024 10:04	3/7/2024 10:14	10	0

1463218	3/7/2024 10:04	3/7/2024 19:52	588	0
8950281	3/7/2024 10:04	3/7/2024 10:18	14	0
24124	3/7/2024 10:04	3/7/2024 20:17	613	0
47769	3/7/2024 10:04	3/7/2024 20:08	604	0.18
1664433	3/7/2024 10:04	3/7/2024 10:20	16	0
34887	3/7/2024 10:04	3/7/2024 10:31	27	0
23566	3/7/2024 10:04	3/7/2024 10:15	11	0
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1412757	3/7/2024 10:04	3/7/2024 20:09	605	0
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1430294	3/7/2024 10:06	3/7/2024 11:41	95	0
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605186	3/7/2024 10:09	3/7/2024 20:13	604	0.35
790670	3/7/2024 10:09	3/7/2024 20:09	600	0
1555268	3/7/2024 10:09	3/7/2024 11:44	95	0
793285	3/7/2024 10:09	3/7/2024 20:07	598	0
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1445317	3/7/2024 10:10	3/7/2024 11:55	105	0
342796	3/7/2024 10:10	3/7/2024 14:28	258	0.49
346288	3/7/2024 10:10	3/7/2024 14:28	258	0.33
1680655	3/7/2024 10:11	3/7/2024 14:28	257	0.38
6714863	3/7/2024 10:11	3/7/2024 20:14	603	0.07
506261	3/7/2024 10:11	3/7/2024 20:09	598	0.26
353651	3/7/2024 10:12	3/7/2024 14:30	258	0
975066	3/7/2024 10:13	3/7/2024 20:04	591	0
35442	3/7/2024 10:13	3/7/2024 10:33	20	0
26864	3/7/2024 10:14	3/7/2024 10:30	16	0
27443	3/7/2024 10:14	3/7/2024 10:30	16	0
1251782	3/7/2024 10:15	3/7/2024 20:14	599	0
23566	3/7/2024 10:15	3/7/2024 10:31	16	0
28509	3/7/2024 10:16	3/7/2024 11:30	74	0
353082	3/7/2024 10:16	3/7/2024 14:27	251	0.43
25066	3/7/2024 10:16	3/7/2024 10:37	21	0
23462	3/7/2024 10:16	3/7/2024 11:31	75	0
189581	3/7/2024 10:17	3/7/2024 11:35	78	0.02
70866	3/7/2024 10:17	3/7/2024 20:16	599	0
1414392	3/7/2024 10:17	3/7/2024 20:15	598	0
1415828	3/7/2024 10:17	3/7/2024 20:10	593	0
1416360	3/7/2024 10:18	3/7/2024 20:16	598	0
264379	3/7/2024 10:18	3/7/2024 11:38	80	0
30471	3/7/2024 10:18	3/7/2024 11:32	74	0.09
8950281	3/7/2024 10:18	3/7/2024 11:47	89	0

449036	3/7/2024 10:18	3/7/2024 11:31	73	0
198082	3/7/2024 10:18	3/7/2024 10:34	16	0
51483	3/7/2024 10:19	3/7/2024 11:48	89	0.17
34905	3/7/2024 10:19	3/7/2024 20:12	593	0.09
449377	3/7/2024 10:19	3/7/2024 12:25	126	0
645339	3/7/2024 10:20	3/7/2024 14:18	238	0.09
1664433	3/7/2024 10:20	3/7/2024 10:35	15	0
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507365	3/7/2024 10:21	3/7/2024 20:12	591	0
11081884	3/7/2024 10:21	3/7/2024 20:20	599	0
1417138	3/7/2024 10:21	3/7/2024 10:37	16	0
574993	3/7/2024 10:21	3/7/2024 11:55	94	0
313269	3/7/2024 10:23	3/7/2024 20:20	597	0
510307	3/7/2024 10:24	3/7/2024 20:09	585	0
1511251	3/7/2024 10:24	3/7/2024 20:16	592	0
1550815	3/7/2024 10:25	3/7/2024 11:39	74	0
353728	3/7/2024 10:25	3/7/2024 14:37	252	0
8524544	3/7/2024 10:25	3/7/2024 20:13	588	0.05
34832	3/7/2024 10:29	3/7/2024 11:06	37	0
27443	3/7/2024 10:30	3/7/2024 11:02	32	0
1597556	3/7/2024 10:30	3/7/2024 11:43	73	0.03
10433250	3/7/2024 10:30	3/7/2024 20:09	579	0.31
26864	3/7/2024 10:30	3/7/2024 11:33	63	0
34887	3/7/2024 10:31	3/7/2024 11:02	31	0
1599209	3/7/2024 10:31	3/7/2024 11:44	73	0
23566	3/7/2024 10:31	3/7/2024 10:47	16	0
7937779	3/7/2024 10:32	3/7/2024 20:10	578	0
28110	3/7/2024 10:32	3/7/2024 11:04	32	0
30380	3/7/2024 10:32	3/7/2024 11:03	31	0
30370	3/7/2024 10:33	3/7/2024 11:04	31	0
35442	3/7/2024 10:33	3/7/2024 11:03	30	0
29635	3/7/2024 10:33	3/7/2024 20:15	582	0.1
198082	3/7/2024 10:34	3/7/2024 20:15	581	0.22
196408	3/7/2024 10:34	3/7/2024 20:07	573	0.32
274059	3/7/2024 10:34	3/7/2024 11:22	48	0
195839	3/7/2024 10:34	3/7/2024 20:07	573	0.19
277301	3/7/2024 10:35	3/7/2024 20:19	584	1.01
1664433	3/7/2024 10:35	3/7/2024 12:20	105	0
1683861	3/7/2024 10:35	3/7/2024 11:06	31	0
30176	3/7/2024 10:35	3/7/2024 11:01	26	0
274125	3/7/2024 10:36	3/7/2024 11:23	47	0
197883	3/7/2024 10:36	3/7/2024 20:13	577	0.54
281235	3/7/2024 10:36	3/7/2024 11:34	58	0
25066	3/7/2024 10:37	3/7/2024 10:48	11	0
957615	3/7/2024 10:37	3/7/2024 11:35	58	0
1417138	3/7/2024 10:37	3/7/2024 11:50	73	0
195666	3/7/2024 10:38	3/7/2024 11:20	42	0

816722	3/7/2024 10:39	3/7/2024 20:01	562	0
1466357	3/7/2024 10:41	3/7/2024 14:11	210	0
817825	3/7/2024 10:41	3/7/2024 20:12	571	0.08
1377926	3/7/2024 10:44	3/7/2024 20:10	566	0
1376158	3/7/2024 10:45	3/7/2024 20:16	571	0
1375642	3/7/2024 10:45	3/7/2024 20:22	577	0
319726	3/7/2024 10:45	3/7/2024 20:00	555	0
56196	3/7/2024 10:46	3/7/2024 11:32	46	0
1565203	3/7/2024 10:47	3/7/2024 14:33	226	0.6
1513398	3/7/2024 10:47	3/7/2024 20:08	561	0
646026	3/7/2024 10:47	3/7/2024 14:17	210	0
416557	3/7/2024 10:47	3/7/2024 20:09	562	0
23566	3/7/2024 10:47	3/7/2024 20:11	564	0.07
25066	3/7/2024 10:48	3/7/2024 20:15	567	0
69207	3/7/2024 10:49	3/7/2024 11:05	16	0
450309	3/7/2024 10:49	3/7/2024 20:06	557	0
1511264	3/7/2024 10:49	3/7/2024 20:16	567	0.07
54324	3/7/2024 10:49	3/7/2024 13:48	179	0
68620	3/7/2024 10:51	3/7/2024 11:02	11	0
1321750	3/7/2024 10:52	3/7/2024 20:10	558	0
564518	3/7/2024 10:52	3/7/2024 11:39	47	0
1319739	3/7/2024 10:53	3/8/2024 9:00	1326.15	0
237312	3/7/2024 10:54	3/7/2024 11:42	48	0
237177	3/7/2024 10:54	3/7/2024 11:41	47	0
1524033	3/7/2024 10:54	3/7/2024 14:09	195	1.3
1518000	3/7/2024 10:55	3/7/2024 14:25	210	0
1453263	3/7/2024 10:55	3/7/2024 14:25	210	0
1516579	3/7/2024 10:55	3/7/2024 11:42	47	0
552210	3/7/2024 10:55	3/7/2024 20:09	554	0
237266	3/7/2024 10:55	3/7/2024 11:42	47	0
2032900	3/7/2024 10:56	3/7/2024 20:07	551	0
1654064	3/7/2024 10:56	3/7/2024 20:03	547	0
1641091	3/7/2024 10:56	3/7/2024 14:10	194	0.83
345394	3/7/2024 10:57	3/7/2024 14:26	209	0.01
347031	3/7/2024 10:57	3/7/2024 14:31	214	0.01
238732	3/7/2024 10:57	3/7/2024 11:44	47	0.09
1465391	3/7/2024 10:57	3/7/2024 14:11	194	0.07
1523524	3/7/2024 10:57	3/7/2024 14:12	195	1.37
174362	3/7/2024 10:58	3/7/2024 20:14	556	0
5834752	3/7/2024 10:58	3/7/2024 14:32	214	0
8511715	3/7/2024 10:58	3/7/2024 14:29	211	0.01
344641	3/7/2024 10:58	3/7/2024 14:27	209	0
169731	3/7/2024 11:00	3/7/2024 20:17	557	0.05
56164	3/7/2024 11:00	3/7/2024 11:36	36	0
328570	3/7/2024 11:00	3/7/2024 12:14	74	0.52
1395587	3/7/2024 11:01	3/7/2024 11:17	16	0
24993	3/7/2024 11:01	3/7/2024 20:12	551	0

54382	3/7/2024 11:01	3/7/2024 11:33	32	0
55854	3/7/2024 11:01	3/7/2024 11:33	32	0
30176	3/7/2024 11:01	3/7/2024 20:11	550	0
54282	3/7/2024 11:01	3/8/2024 9:00	1318.13	0.02
68620	3/7/2024 11:02	3/7/2024 20:18	556	0.01
24369	3/7/2024 11:02	3/7/2024 11:34	32	0
265473	3/7/2024 11:02	3/7/2024 11:34	32	0
1567514	3/7/2024 11:02	3/7/2024 11:28	26	0
12378019	3/7/2024 11:02	3/8/2024 9:00	1317.13	0
27443	3/7/2024 11:02	3/7/2024 20:19	557	0.1
34887	3/7/2024 11:02	3/7/2024 20:14	552	0
10393495	3/7/2024 11:03	3/7/2024 11:35	32	0
11176351	3/7/2024 11:03	3/7/2024 14:17	194	0.51
30380	3/7/2024 11:03	3/7/2024 20:12	549	0
35442	3/7/2024 11:03	3/7/2024 20:20	557	0
28110	3/7/2024 11:04	3/7/2024 20:14	550	0.15
30370	3/7/2024 11:04	3/7/2024 20:15	551	0.06
563721	3/7/2024 11:04	3/7/2024 20:10	546	0.12
190372	3/7/2024 11:04	3/8/2024 9:00	1315.13	0
23516	3/7/2024 11:05	3/7/2024 20:18	553	0.02
69207	3/7/2024 11:05	3/7/2024 20:21	556	0
68308	3/7/2024 11:05	3/8/2024 9:00	1314.13	0.01
197356	3/7/2024 11:05	3/7/2024 20:16	551	0
1683861	3/7/2024 11:06	3/7/2024 20:14	548	0.25
196965	3/7/2024 11:06	3/7/2024 20:12	546	0.05
1333801	3/7/2024 11:06	3/7/2024 20:02	536	0
34832	3/7/2024 11:06	3/7/2024 20:12	546	0
197690	3/7/2024 11:07	3/7/2024 20:10	543	0
1508563	3/7/2024 11:07	3/7/2024 20:13	546	0.2
8068454	3/7/2024 11:08	3/7/2024 11:23	15	0
1332906	3/7/2024 11:08	3/7/2024 20:03	535	0.03
1493766	3/7/2024 11:09	3/7/2024 15:23	254	0
656343	3/7/2024 11:09	3/7/2024 14:26	197	0.16
373050	3/7/2024 11:10	3/7/2024 11:41	31	0
380736	3/7/2024 11:10	3/7/2024 20:01	531	0
1385431	3/7/2024 11:10	3/7/2024 15:27	257	0
1511532	3/7/2024 11:10	3/7/2024 20:14	544	0
1405290	3/7/2024 11:11	3/7/2024 20:18	547	0.09
6995795	3/7/2024 11:11	3/7/2024 20:27	556	0.11
658658	3/7/2024 11:12	3/7/2024 14:24	192	0
375655	3/7/2024 11:12	3/7/2024 11:44	32	0
658177	3/7/2024 11:13	3/7/2024 14:27	194	0.06
375117	3/7/2024 11:13	3/7/2024 11:44	31	0
381982	3/7/2024 11:13	3/7/2024 20:13	540	0
1672745	3/7/2024 11:13	3/7/2024 14:17	184	0
1393633	3/7/2024 11:13	3/7/2024 20:09	536	0.98
373273	3/7/2024 11:14	3/7/2024 11:41	27	0

8910809	3/7/2024 11:14	3/7/2024 20:15	541	0
380057	3/7/2024 11:15	3/7/2024 20:21	546	0
127206	3/7/2024 11:17	3/8/2024 9:00	1302.13	0
587455	3/7/2024 11:17	3/7/2024 14:15	178	0
14239	3/7/2024 11:17	3/8/2024 9:00	1302.13	0
11435788	3/7/2024 11:17	3/8/2024 9:00	1302.13	0
259674	3/7/2024 11:17	3/7/2024 20:13	536	0
1395587	3/7/2024 11:17	3/7/2024 20:05	528	0
6828301	3/7/2024 11:17	3/7/2024 20:17	540	0
1514004	3/7/2024 11:17	3/7/2024 20:13	536	0.09
328911	3/7/2024 11:17	3/7/2024 20:12	535	0
328113	3/7/2024 11:17	3/7/2024 12:14	57	0
308622	3/7/2024 11:19	3/7/2024 11:34	15	0
1573666	3/7/2024 11:20	3/7/2024 11:30	10	0
195666	3/7/2024 11:20	3/7/2024 20:16	536	0
193791	3/7/2024 11:20	3/7/2024 20:14	534	0
56060	3/7/2024 11:20	3/7/2024 13:47	147	0
860281	3/7/2024 11:21	3/7/2024 12:24	63	0
1672784	3/7/2024 11:21	3/8/2024 9:00	1298.48	0
12377908	3/7/2024 11:21	3/7/2024 11:37	16	0
500173	3/7/2024 11:21	3/7/2024 20:06	525	0
274059	3/7/2024 11:22	3/7/2024 11:53	31	0
859747	3/7/2024 11:23	3/7/2024 12:21	58	0
8068454	3/7/2024 11:23	3/7/2024 11:34	11	0
274125	3/7/2024 11:23	3/7/2024 11:55	32	0.09
1456419	3/7/2024 11:24	3/7/2024 14:28	184	0
1468500	3/7/2024 11:27	3/7/2024 14:11	164	0
1567514	3/7/2024 11:28	3/7/2024 14:32	184	0
1469866	3/7/2024 11:28	3/7/2024 14:11	163	0
1573666	3/7/2024 11:30	3/7/2024 12:33	63	0
28509	3/7/2024 11:30	3/7/2024 20:10	520	0.16
25674	3/7/2024 11:30	3/7/2024 19:11	461	0.2
449036	3/7/2024 11:31	3/7/2024 14:20	169	0
23462	3/7/2024 11:31	3/7/2024 20:10	519	0
469018	3/7/2024 11:32	3/7/2024 11:48	16	0
56196	3/7/2024 11:32	3/7/2024 11:47	15	0
29748	3/7/2024 11:32	3/8/2024 9:00	1287.13	0
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53030	3/7/2024 11:32	3/7/2024 11:48	16	0
27475	3/7/2024 11:32	3/7/2024 20:17	525	0.08
1556243	3/7/2024 11:33	3/7/2024 11:49	16	0
54382	3/7/2024 11:33	3/7/2024 11:48	15	0
55854	3/7/2024 11:33	3/7/2024 11:49	16	0
26864	3/7/2024 11:33	3/7/2024 20:14	521	0
1556486	3/7/2024 11:33	3/7/2024 11:49	16	0
67738	3/7/2024 11:34	3/8/2024 9:00	1285.13	0
308622	3/7/2024 11:34	3/7/2024 14:22	168	0

24369	3/7/2024 11:34	3/7/2024 20:13	519	0
55232	3/7/2024 11:34	3/7/2024 11:49	15	0
265473	3/7/2024 11:34	3/7/2024 13:35	121	0
1554218	3/7/2024 11:34	3/7/2024 11:50	16	0
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276488	3/7/2024 11:35	3/7/2024 11:51	16	0
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957615	3/7/2024 11:35	3/7/2024 11:50	15	0
10393495	3/7/2024 11:35	3/7/2024 11:51	16	0
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29848	3/7/2024 11:35	3/7/2024 20:16	521	0.69
188639	3/7/2024 11:35	3/7/2024 14:23	168	0.43
275015	3/7/2024 11:36	3/7/2024 11:52	16	0
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1556434	3/7/2024 11:36	3/7/2024 11:51	15	0
12377908	3/7/2024 11:37	3/7/2024 14:19	162	0.15
4173986	3/7/2024 11:38	3/7/2024 11:49	11	0
553863	3/7/2024 11:38	3/7/2024 12:41	63	0
264379	3/7/2024 11:38	3/7/2024 13:33	115	0
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10013697	3/7/2024 11:39	3/7/2024 12:10	31	0
1430838	3/7/2024 11:39	3/7/2024 12:26	47	0
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1515733	3/7/2024 11:41	3/7/2024 11:52	11	0.08
373273	3/7/2024 11:41	3/7/2024 11:56	15	0
373050	3/7/2024 11:41	3/7/2024 11:57	16	0
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1430644	3/7/2024 11:41	3/7/2024 12:18	37	0
237177	3/7/2024 11:41	3/7/2024 11:57	16	0
1516579	3/7/2024 11:42	3/7/2024 11:53	11	0
237312	3/7/2024 11:42	3/7/2024 11:57	15	0.16
237266	3/7/2024 11:42	3/7/2024 11:58	16	0
1597556	3/7/2024 11:43	3/7/2024 20:02	499	0.26
23464	3/7/2024 11:43	3/7/2024 20:07	504	0.07
238732	3/7/2024 11:44	3/7/2024 11:54	10	0.06
375655	3/7/2024 11:44	3/7/2024 12:00	16	0.05
375117	3/7/2024 11:44	3/7/2024 12:00	16	0
1599209	3/7/2024 11:44	3/7/2024 19:58	494	0
1555268	3/7/2024 11:44	3/7/2024 12:10	26	0
8950281	3/7/2024 11:47	3/7/2024 13:48	121	0
56196	3/7/2024 11:47	3/7/2024 13:48	121	0
53030	3/7/2024 11:48	3/7/2024 13:48	120	0

54382	3/7/2024 11:48	3/7/2024 13:49	121	0
51483	3/7/2024 11:48	3/7/2024 13:50	122	0.2
469018	3/7/2024 11:48	3/7/2024 12:04	16	0
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1556243	3/7/2024 11:49	3/7/2024 14:37	168	0
1539391	3/7/2024 11:49	3/7/2024 20:19	510	0
1556486	3/7/2024 11:49	3/7/2024 14:37	168	0
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56164	3/7/2024 11:50	3/7/2024 13:50	120	0.06
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957615	3/7/2024 11:50	3/7/2024 12:06	16	0
281235	3/7/2024 11:50	3/7/2024 15:38	228	0
1417138	3/7/2024 11:50	3/7/2024 12:06	16	0
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276488	3/7/2024 11:51	3/7/2024 14:07	136	0.32
10393495	3/7/2024 11:51	3/7/2024 14:07	136	0
1556434	3/7/2024 11:51	3/7/2024 14:34	163	0.07
1515733	3/7/2024 11:52	3/7/2024 12:07	15	0
275015	3/7/2024 11:52	3/7/2024 20:14	502	0.03
274059	3/7/2024 11:53	3/7/2024 14:35	162	0.06
1516579	3/7/2024 11:53	3/7/2024 12:08	15	0
204700	3/7/2024 11:54	3/8/2024 9:00	1265.13	0
238732	3/7/2024 11:54	3/7/2024 12:10	16	0
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1446401	3/7/2024 11:55	3/7/2024 12:25	30	0
274125	3/7/2024 11:55	3/7/2024 14:54	179	0
574993	3/7/2024 11:55	3/7/2024 12:06	11	0
204963	3/7/2024 11:55	3/8/2024 9:00	1264.13	0
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237312	3/7/2024 11:57	3/7/2024 12:13	16	0
8486022	3/7/2024 11:57	3/7/2024 12:25	28	0
373050	3/7/2024 11:57	3/7/2024 12:13	16	0
237177	3/7/2024 11:57	3/7/2024 12:12	15	0
237266	3/7/2024 11:58	3/7/2024 12:14	16	0
375655	3/7/2024 12:00	3/7/2024 12:10	10	0
375117	3/7/2024 12:00	3/7/2024 12:10	10	0
469018	3/7/2024 12:04	3/7/2024 15:49	225	0
957615	3/7/2024 12:06	3/8/2024 9:00	1253.27	0
1417138	3/7/2024 12:06	3/7/2024 13:08	62	0
574993	3/7/2024 12:06	3/7/2024 14:06	120	0
1515733	3/7/2024 12:07	3/7/2024 14:08	121	0.04
1267978	3/7/2024 12:08	3/7/2024 12:50	42	0
1516579	3/7/2024 12:08	3/7/2024 14:10	122	0
375117	3/7/2024 12:10	3/7/2024 13:55	105	0
1555268	3/7/2024 12:10	3/7/2024 14:43	153	0

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1550815	3/7/2024 12:10	3/7/2024 14:42	152	0
238732	3/7/2024 12:10	3/8/2024 9:00	1249.13	0.02
1551513	3/7/2024 12:10	3/7/2024 14:42	152	0
375655	3/7/2024 12:10	3/7/2024 13:55	105	0
1546695	3/7/2024 12:11	3/7/2024 14:43	152	0
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237177	3/7/2024 12:12	3/8/2024 9:00	1247.13	0
373050	3/7/2024 12:13	3/7/2024 13:58	105	0
237312	3/7/2024 12:13	3/8/2024 9:00	1246.13	0
373273	3/7/2024 12:13	3/7/2024 13:57	104	0
328570	3/7/2024 12:14	3/8/2024 9:00	1245.13	0.09
328113	3/7/2024 12:14	3/7/2024 12:46	32	0
237266	3/7/2024 12:14	3/8/2024 9:00	1245.13	0
14605	3/7/2024 12:15	3/8/2024 9:00	1244.13	0
15611	3/7/2024 12:15	3/8/2024 9:00	1244.13	0
13876	3/7/2024 12:18	3/8/2024 9:00	1241.13	0
1430644	3/7/2024 12:18	3/7/2024 13:05	47	0.01
1430553	3/7/2024 12:18	3/7/2024 13:05	47	0
1664433	3/7/2024 12:20	3/7/2024 14:52	152	0
859747	3/7/2024 12:21	3/7/2024 20:19	478	0
1430294	3/7/2024 12:22	3/7/2024 13:05	43	0
8511623	3/7/2024 12:24	3/8/2024 8:42	1218	0
860281	3/7/2024 12:24	3/7/2024 20:06	462	0
449377	3/7/2024 12:25	3/7/2024 13:17	52	0
8486022	3/7/2024 12:25	3/8/2024 9:00	1234.93	0
1445317	3/7/2024 12:25	3/7/2024 14:40	135	0
1446401	3/7/2024 12:25	3/8/2024 9:00	1234.93	0
1430838	3/7/2024 12:26	3/7/2024 13:08	42	0
1573666	3/7/2024 12:33	3/7/2024 14:13	100	0
553863	3/7/2024 12:41	3/8/2024 9:00	1218.48	0
564518	3/7/2024 12:42	3/7/2024 14:27	105	0
328113	3/7/2024 12:46	3/7/2024 13:33	47	0
1267978	3/7/2024 12:50	3/7/2024 14:25	95	0
8068454	3/7/2024 12:53	3/7/2024 13:35	42	0
1465882	3/7/2024 12:57	3/7/2024 20:08	431	0.1
1430553	3/7/2024 13:05	3/7/2024 14:05	60	0
465344	3/7/2024 13:05	3/8/2024 9:00	1194.48	0
1430644	3/7/2024 13:05	3/7/2024 13:21	16	0.07
1430294	3/7/2024 13:05	3/7/2024 14:07	62	0
1430838	3/7/2024 13:08	3/7/2024 14:06	58	0
1417138	3/7/2024 13:08	3/7/2024 13:34	26	0
9060925	3/7/2024 13:11	3/7/2024 13:37	26	0
449377	3/7/2024 13:17	3/7/2024 13:38	21	0
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328113	3/7/2024 13:33	3/7/2024 14:16	43	0.06

264379	3/7/2024 13:33	3/7/2024 20:17	404	0
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626477	3/7/2024 13:34	3/8/2024 9:00	1165.48	0
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265473	3/7/2024 13:35	3/7/2024 20:15	400	0
8068454	3/7/2024 13:35	3/7/2024 13:50	15	0
9060925	3/7/2024 13:37	3/7/2024 20:17	400	0
449377	3/7/2024 13:38	3/7/2024 14:20	42	0
624716	3/7/2024 13:39	3/8/2024 9:00	1160.48	0
56060	3/7/2024 13:47	3/7/2024 14:19	32	0
8950281	3/7/2024 13:48	3/7/2024 20:16	388	0
56196	3/7/2024 13:48	3/7/2024 14:19	31	0
54324	3/7/2024 13:48	3/7/2024 14:19	31	0
53030	3/7/2024 13:48	3/7/2024 20:17	389	0
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54382	3/7/2024 13:49	3/7/2024 14:20	31	0
55232	3/7/2024 13:50	3/7/2024 20:19	389	0
51483	3/7/2024 13:50	3/7/2024 20:13	383	0
8068454	3/7/2024 13:50	3/7/2024 14:38	48	0
56164	3/7/2024 13:50	3/7/2024 14:20	30	0
878149	3/7/2024 13:54	3/7/2024 14:10	16	0
375655	3/7/2024 13:55	3/7/2024 20:13	378	0
375117	3/7/2024 13:55	3/7/2024 20:13	378	0
903630	3/7/2024 13:56	3/7/2024 20:07	371	0
373273	3/7/2024 13:57	3/7/2024 20:14	377	0
373050	3/7/2024 13:58	3/7/2024 20:16	378	0
51957	3/7/2024 14:02	3/7/2024 22:35	513	0
4173986	3/7/2024 14:04	3/7/2024 20:16	372	0.03
1430553	3/7/2024 14:05	3/7/2024 14:19	14	0
627289	3/7/2024 14:05	3/7/2024 14:37	32	0
1430644	3/7/2024 14:05	3/7/2024 14:18	13	0
1430838	3/7/2024 14:06	3/7/2024 14:21	15	0
971524	3/7/2024 14:06	3/7/2024 14:38	32	0
574993	3/7/2024 14:06	3/7/2024 14:22	16	0
10393495	3/7/2024 14:07	3/7/2024 20:19	372	0
276488	3/7/2024 14:07	3/7/2024 20:21	374	0.05
1430294	3/7/2024 14:07	3/7/2024 14:18	11	0
1515733	3/7/2024 14:08	3/7/2024 14:24	16	0
627018	3/7/2024 14:08	3/7/2024 14:34	26	0
574596	3/7/2024 14:08	3/7/2024 14:24	16	0
265955	3/7/2024 14:09	3/8/2024 9:00	1130.13	0
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878149	3/7/2024 14:10	3/7/2024 14:20	10	0
1641091	3/7/2024 14:10	3/7/2024 14:26	16	0.06
1468500	3/7/2024 14:11	3/7/2024 20:12	361	0
1465391	3/7/2024 14:11	3/7/2024 14:27	16	0

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587455	3/7/2024 14:15	3/7/2024 20:12	357	0
328113	3/7/2024 14:16	3/7/2024 14:31	15	0
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11176351	3/7/2024 14:17	3/7/2024 14:33	16	0
1672745	3/7/2024 14:17	3/7/2024 20:14	357	0
645339	3/7/2024 14:18	3/7/2024 14:50	32	0
1430644	3/7/2024 14:18	3/7/2024 15:06	48	0.1
1430294	3/7/2024 14:18	3/7/2024 14:34	16	0
1430553	3/7/2024 14:19	3/7/2024 15:06	47	0
1602630	3/7/2024 14:19	3/7/2024 14:50	31	0
54324	3/7/2024 14:19	3/7/2024 16:35	136	0
12377908	3/7/2024 14:19	3/7/2024 20:14	355	0
1417279	3/7/2024 14:19	3/7/2024 14:50	31	0
56060	3/7/2024 14:19	3/7/2024 16:35	136	0
56196	3/7/2024 14:19	3/7/2024 15:01	42	0
1604432	3/7/2024 14:20	3/7/2024 14:36	16	0
449377	3/7/2024 14:20	3/7/2024 14:30	10	0
878149	3/7/2024 14:20	3/7/2024 20:12	352	0
449036	3/7/2024 14:20	3/7/2024 14:35	15	0
447406	3/7/2024 14:20	3/7/2024 22:23	483	0
54382	3/7/2024 14:20	3/7/2024 20:17	357	0
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8495805	3/7/2024 14:22	3/7/2024 20:19	357	0
1452843	3/7/2024 14:23	3/8/2024 9:00	1116.93	0
188639	3/7/2024 14:23	3/8/2024 8:40	1097	0
1515733	3/7/2024 14:24	3/7/2024 14:40	16	0
574596	3/7/2024 14:24	3/7/2024 14:39	15	0
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12682110	3/7/2024 14:24	3/7/2024 14:40	16	0
8206792	3/7/2024 14:25	3/7/2024 14:41	16	0
1518000	3/7/2024 14:25	3/7/2024 20:12	347	0
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1516579	3/7/2024 14:25	3/7/2024 14:40	15	0
1267978	3/7/2024 14:25	3/7/2024 16:52	147	0
989956	3/7/2024 14:25	3/7/2024 14:40	15	0

1453263	3/7/2024 14:25	3/7/2024 14:41	16	0
1641091	3/7/2024 14:26	3/7/2024 15:23	57	0.14
345394	3/7/2024 14:26	3/7/2024 20:13	347	0
664453	3/7/2024 14:26	3/7/2024 14:41	15	0
656343	3/7/2024 14:26	3/7/2024 15:39	73	0
658177	3/7/2024 14:27	3/7/2024 20:09	342	0
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1465391	3/7/2024 14:27	3/7/2024 14:43	16	0
344641	3/7/2024 14:27	3/7/2024 20:08	341	0
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345647	3/7/2024 14:27	3/7/2024 20:22	355	0
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1456419	3/7/2024 14:28	3/7/2024 14:38	10	0
346288	3/7/2024 14:28	3/7/2024 20:10	342	0
1523524	3/7/2024 14:28	3/7/2024 15:25	57	0
1680655	3/7/2024 14:28	3/7/2024 20:04	336	0
549259	3/7/2024 14:28	3/7/2024 14:56	28	0
8511715	3/7/2024 14:29	3/7/2024 20:06	337	0
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449377	3/7/2024 14:30	3/7/2024 14:52	22	0
347031	3/7/2024 14:31	3/7/2024 20:09	338	0
328113	3/7/2024 14:31	3/7/2024 14:46	15	0
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1567514	3/7/2024 14:32	3/7/2024 14:48	16	0
11176351	3/7/2024 14:33	3/7/2024 14:48	15	0
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1430294	3/7/2024 14:34	3/7/2024 14:49	15	0
1556434	3/7/2024 14:34	3/7/2024 15:37	63	0.1
627018	3/7/2024 14:34	3/7/2024 14:50	16	0
449036	3/7/2024 14:35	3/7/2024 14:51	16	0
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353728	3/7/2024 14:37	3/7/2024 14:58	21	0
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574993	3/7/2024 14:38	3/7/2024 20:14	336	0
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8206792	3/7/2024 14:41	3/7/2024 20:07	326	0
1451744	3/7/2024 14:41	3/7/2024 20:08	327	0
10013697	3/7/2024 14:42	3/7/2024 20:13	331	0
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328113	3/7/2024 14:46	3/7/2024 20:12	326	0
800588	3/7/2024 14:47	3/7/2024 20:08	321	0
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627289	3/7/2024 14:53	3/7/2024 20:13	320	0
971524	3/7/2024 14:53	3/7/2024 20:03	310	0
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252859	3/7/2024 15:44	3/7/2024 20:14	270	0
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1586610	3/7/2024 15:53	3/7/2024 20:11	258	0
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1664433	3/7/2024 16:05	3/7/2024 20:17	252	0
449377	3/7/2024 16:05	3/7/2024 17:45	100	0
56060	3/7/2024 16:35	3/7/2024 20:21	226	0
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1321605	3/7/2024 20:00	3/8/2024 9:00	779.15	0
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319726	3/7/2024 20:00	3/8/2024 9:00	779.13	0
380736	3/7/2024 20:01	3/8/2024 9:00	778.48	0
816722	3/7/2024 20:01	3/8/2024 9:00	778.83	0
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1597556	3/7/2024 20:02	3/8/2024 9:00	777.93	0
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1332906	3/7/2024 20:03	3/8/2024 9:00	776.15	0
1523524	3/7/2024 20:03	3/8/2024 9:00	776.93	0
1624452	3/7/2024 20:03	3/8/2024 9:00	776.93	0
1654064	3/7/2024 20:03	3/8/2024 9:00	776.27	0
800600	3/7/2024 20:04	3/8/2024 9:00	775.83	0
1680655	3/7/2024 20:04	3/8/2024 9:00	775.13	0
1421188	3/7/2024 20:04	3/8/2024 9:00	775.15	0
800590	3/7/2024 20:04	3/8/2024 9:00	775.83	0
1265778	3/7/2024 20:04	3/8/2024 9:00	775.15	0
1325985	3/7/2024 20:04	3/8/2024 9:00	775.15	0
975066	3/7/2024 20:04	3/8/2024 9:00	775.27	0
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1395587	3/7/2024 20:05	3/8/2024 9:00	774.15	0
627018	3/7/2024 20:05	3/8/2024 9:00	774.48	0
5834752	3/7/2024 20:05	3/8/2024 9:00	774.13	0
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8511715	3/7/2024 20:06	3/8/2024 9:00	773.13	0
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860281	3/7/2024 20:06	3/8/2024 9:00	773.83	0
450309	3/7/2024 20:06	3/8/2024 9:00	773.48	0
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195839	3/7/2024 20:07	3/8/2024 9:00	772.13	0
903630	3/7/2024 20:07	3/8/2024 9:00	772.83	0
1321663	3/7/2024 20:07	3/8/2024 9:00	772.15	0
8206792	3/7/2024 20:07	3/8/2024 9:00	772.93	0
196408	3/7/2024 20:07	3/8/2024 9:00	772.13	0
2032900	3/7/2024 20:07	3/8/2024 9:00	772.15	0
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23464	3/7/2024 20:07	3/8/2024 9:00	772.13	0
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47769	3/7/2024 20:08	3/8/2024 9:00	771.13	0
656343	3/7/2024 20:08	3/8/2024 9:00	771.83	0
800588	3/7/2024 20:08	3/8/2024 9:00	771.83	0
344641	3/7/2024 20:08	3/8/2024 9:00	771.13	0
1466357	3/7/2024 20:08	3/8/2024 9:00	771.93	0
1638359	3/7/2024 20:08	3/8/2024 9:00	771.93	0
574596	3/7/2024 20:08	3/8/2024 9:00	771.48	0

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1451744	3/7/2024 20:08	3/8/2024 9:00	771.93	0
1567514	3/7/2024 20:09	3/8/2024 9:00	770.93	0
552210	3/7/2024 20:09	3/8/2024 9:00	770.48	0
646026	3/7/2024 20:09	3/8/2024 9:00	770.48	0
10433250	3/7/2024 20:09	3/8/2024 9:00	770.15	0
314188	3/7/2024 20:09	3/8/2024 9:00	770.13	0
347031	3/7/2024 20:09	3/8/2024 9:00	770.13	0
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510307	3/7/2024 20:09	3/8/2024 9:00	770.48	0
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6280623	3/7/2024 20:09	3/8/2024 9:00	770.13	0
8717997	3/7/2024 20:09	3/8/2024 9:00	770.83	0
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1430838	3/7/2024 20:10	3/8/2024 9:00	769.93	0
449036	3/7/2024 20:10	3/8/2024 9:00	769.48	0
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1430294	3/7/2024 20:10	3/8/2024 9:00	769.93	0
342796	3/7/2024 20:10	3/8/2024 9:00	769.13	0
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346288	3/7/2024 20:10	3/8/2024 9:00	769.13	0
197690	3/7/2024 20:10	3/8/2024 9:00	769.13	0
1393699	3/7/2024 20:10	3/8/2024 9:00	769.15	0
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456084	3/7/2024 20:10	3/8/2024 9:00	769.48	0
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1551510	3/7/2024 20:11	3/8/2024 9:00	768.93	0
801004	3/7/2024 20:11	3/8/2024 9:00	768.83	0
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12376755	3/7/2024 20:11	3/8/2024 9:00	768.15	0

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23566	3/7/2024 20:11	3/8/2024 9:00	768.13	0
664453	3/7/2024 20:11	3/8/2024 9:00	768.83	0
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587455	3/7/2024 20:12	3/8/2024 9:00	767.48	0
469018	3/7/2024 20:12	3/8/2024 9:00	767.48	0
328911	3/7/2024 20:12	3/8/2024 9:00	767.13	0
1453263	3/7/2024 20:12	3/8/2024 9:00	767.93	0
34832	3/7/2024 20:12	3/8/2024 9:00	767.13	0
878149	3/7/2024 20:12	3/8/2024 9:00	767.83	0
675499	3/7/2024 20:12	3/8/2024 9:00	767.83	0
30380	3/7/2024 20:12	3/8/2024 9:00	767.13	0
1468500	3/7/2024 20:12	3/8/2024 9:00	767.93	0
314899	3/7/2024 20:12	3/8/2024 9:00	767.13	0
24993	3/7/2024 20:12	3/8/2024 9:00	767.13	0
401447	3/7/2024 20:12	3/8/2024 9:00	767.48	0
315169	3/7/2024 20:12	3/8/2024 9:00	767.13	0
320966	3/7/2024 20:12	3/8/2024 9:00	767.13	0
196965	3/7/2024 20:12	3/8/2024 9:00	767.13	0
30471	3/7/2024 20:12	3/8/2024 9:00	767.13	0
817825	3/7/2024 20:12	3/8/2024 9:00	767.83	0
1638308	3/7/2024 20:12	3/8/2024 9:00	767.93	0
1310926	3/7/2024 20:12	3/8/2024 9:00	767.15	0
523489	3/7/2024 20:12	3/8/2024 9:00	767.13	0
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328113	3/7/2024 20:12	3/8/2024 9:00	767.13	0
1493766	3/7/2024 20:12	3/8/2024 9:00	767.15	0
507365	3/7/2024 20:12	3/8/2024 9:00	767.48	0
34905	3/7/2024 20:12	3/8/2024 9:00	767.13	0
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562856	3/7/2024 20:13	3/8/2024 9:00	766.48	0
627289	3/7/2024 20:13	3/8/2024 9:00	766.48	0
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375655	3/7/2024 20:13	3/8/2024 9:00	766.48	0
605186	3/7/2024 20:13	3/8/2024 9:00	766.48	0
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553755	3/7/2024 20:13	3/8/2024 9:00	766.48	0
8524544	3/7/2024 20:13	3/8/2024 9:00	766.13	0
381982	3/7/2024 20:13	3/8/2024 9:00	766.48	0
41508	3/7/2024 20:13	3/8/2024 9:00	766.13	0

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601397	3/7/2024 20:13	3/8/2024 9:00	766.48	0
259674	3/7/2024 20:13	3/8/2024 9:00	766.13	0
1554677	3/7/2024 20:13	3/8/2024 9:00	766.93	0
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1683861	3/7/2024 20:14	3/8/2024 9:00	765.13	0
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1586005	3/7/2024 20:14	3/8/2024 9:00	765.93	0
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1456419	3/7/2024 20:14	3/8/2024 9:00	765.93	0
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574993	3/7/2024 20:14	3/8/2024 9:00	765.48	0
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1565203	3/7/2024 20:14	3/8/2024 9:00	765.93	0
174362	3/7/2024 20:14	3/8/2024 9:00	765.13	0
373273	3/7/2024 20:14	3/8/2024 9:00	765.48	0
34887	3/7/2024 20:14	3/8/2024 9:00	765.13	0
1251782	3/7/2024 20:14	3/8/2024 9:00	765.83	0
8112615	3/7/2024 20:14	3/8/2024 9:00	765.13	0
275015	3/7/2024 20:14	3/8/2024 9:00	765.13	0
1538577	3/7/2024 20:14	3/8/2024 9:00	765.93	0
1672745	3/7/2024 20:14	3/8/2024 9:00	765.48	0
27483	3/7/2024 20:14	3/8/2024 9:00	765.13	0
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12682110	3/7/2024 20:15	3/8/2024 9:00	764.93	0
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8104722	3/7/2024 20:15	3/8/2024 9:00	764.13	0

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8910809	3/7/2024 20:15	3/8/2024 9:00	764.48	0
1573666	3/7/2024 20:15	3/8/2024 9:00	764.93	0
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25066	3/7/2024 20:15	3/8/2024 9:00	764.13	0
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265473	3/7/2024 20:15	3/8/2024 9:00	764.13	0
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4173986	3/7/2024 20:16	3/8/2024 9:00	763.13	0
315730	3/7/2024 20:16	3/8/2024 9:00	763.13	0
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1515733	3/7/2024 20:16	3/8/2024 9:00	763.93	0
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373050	3/7/2024 20:16	3/8/2024 9:00	763.48	0
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8950281	3/7/2024 20:16	3/8/2024 9:00	763.13	0
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1494722	3/7/2024 20:17	3/8/2024 9:00	762.15	0
169731	3/7/2024 20:17	3/8/2024 9:00	762.13	0
1604432	3/7/2024 20:17	3/8/2024 9:00	762.93	0
54382	3/7/2024 20:17	3/8/2024 9:00	762.13	0
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1664433	3/7/2024 20:17	3/8/2024 9:00	762.83	0
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189581	3/7/2024 20:17	3/8/2024 9:00	762.13	0
729928	3/7/2024 20:17	3/8/2024 9:00	762.83	0
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9063373	3/7/2024 20:18	3/8/2024 9:00	761.15	0
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1405290	3/7/2024 20:18	3/8/2024 9:00	761.15	0

1555268	3/7/2024 20:18	3/8/2024 9:00	761.93	0
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23516	3/7/2024 20:18	3/8/2024 9:00	761.13	0
1576533	3/7/2024 20:18	3/8/2024 9:00	761.93	0
68620	3/7/2024 20:18	3/8/2024 9:00	761.13	0
281235	3/7/2024 20:18	3/8/2024 9:00	761.13	0
1554218	3/7/2024 20:19	3/8/2024 9:00	760.93	0
317084	3/7/2024 20:19	3/8/2024 9:00	760.13	0
8495805	3/7/2024 20:19	3/8/2024 9:00	760.48	0
859747	3/7/2024 20:19	3/8/2024 9:00	760.83	0
27443	3/7/2024 20:19	3/8/2024 9:00	760.13	0
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277301	3/7/2024 20:19	3/8/2024 9:00	760.13	0
55232	3/7/2024 20:19	3/8/2024 9:00	760.13	0
8148103	3/7/2024 20:19	3/8/2024 9:00	760.13	0
1539391	3/7/2024 20:19	3/8/2024 9:00	760.93	0
316997	3/7/2024 20:19	3/8/2024 9:00	760.13	0
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54324	3/7/2024 20:21	3/8/2024 9:00	758.13	0
1602630	3/7/2024 20:21	3/8/2024 9:00	758.93	0
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380057	3/7/2024 20:21	3/8/2024 9:00	758.48	0
69207	3/7/2024 20:21	3/8/2024 9:00	758.13	0
345647	3/7/2024 20:22	3/8/2024 9:00	757.13	0
1375642	3/7/2024 20:22	3/8/2024 9:00	757.15	0
449377	3/7/2024 20:22	3/7/2024 20:59	37	0
1641091	3/7/2024 20:23	3/8/2024 9:00	756.93	0
353728	3/7/2024 20:25	3/8/2024 9:00	754.13	0
6995795	3/7/2024 20:27	3/8/2024 9:00	752.48	0
1524033	3/7/2024 20:31	3/8/2024 9:00	748.93	0
449377	3/7/2024 20:59	3/7/2024 21:15	16	0
449377	3/7/2024 21:15	3/7/2024 21:57	42	0
274059	3/7/2024 21:22	3/8/2024 9:00	697.13	0
449377	3/7/2024 21:57	3/7/2024 22:18	21	0
449377	3/7/2024 22:18	3/7/2024 22:39	21	0
447406	3/7/2024 22:23	3/8/2024 9:00	636.48	0
51957	3/7/2024 22:35	3/8/2024 9:00	624.13	0
449377	3/7/2024 22:39	3/7/2024 23:00	21	0
449377	3/7/2024 23:00	3/8/2024 0:19	79	0
1041597	3/7/2024 23:01	3/8/2024 9:00	598.27	0
385332	3/7/2024 23:40	3/8/2024 9:00	559.48	0
449377	3/8/2024 0:19	3/8/2024 0:55	36	0

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449377	3/8/2024 1:16	3/8/2024 1:42	26	0
449377	3/8/2024 1:42	3/8/2024 3:12	90	0
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449377	3/8/2024 3:38	3/8/2024 4:36	58	0
449377	3/8/2024 4:36	3/8/2024 5:39	63	0
449377	3/8/2024 5:39	3/8/2024 6:05	26	0
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449377	3/8/2024 6:37	3/8/2024 7:03	26	0
449377	3/8/2024 7:03	3/8/2024 7:45	42	0
449377	3/8/2024 7:45	3/8/2024 9:00	74.48	0
1701172	3/8/2024 8:06	3/8/2024 9:00	53.15	0
1321114	3/8/2024 8:07	3/8/2024 9:00	52.15	0
1320646	3/8/2024 8:10	3/8/2024 9:00	49.15	0
1320619	3/8/2024 8:11	3/8/2024 9:00	48.15	0
1465391	3/8/2024 8:24	3/8/2024 9:00	35.93	0
1493132	3/8/2024 8:28	3/8/2024 9:00	31.15	0
1503634	3/8/2024 8:29	3/8/2024 9:00	30.15	0
24124	3/8/2024 8:40	3/8/2024 9:00	19.13	0
25674	3/8/2024 8:40	3/8/2024 9:00	19.13	0
188639	3/8/2024 8:40	3/8/2024 9:00	19.13	0
8511623	3/8/2024 8:42	3/8/2024 9:00	17.13	0
1326407	3/8/2024 8:43	3/8/2024 9:00	16.15	0
593798	3/8/2024 8:44	3/8/2024 9:00	15.48	0
593397	3/8/2024 8:45	3/8/2024 9:00	14.48	0
317797	3/8/2024 8:52	3/8/2024 9:00	7.13	0
317233	3/8/2024 8:53	3/8/2024 9:00	6.13	0
5834752	3/8/2024 9:00	3/8/2024 14:17	317	0
1701172	3/8/2024 9:00	3/8/2024 19:57	657	0
1333801	3/8/2024 9:00	3/9/2024 9:00	1439.15	0
554089	3/8/2024 9:00	3/9/2024 9:00	1439.48	0
8724096	3/8/2024 9:00	3/9/2024 9:00	1439.15	0
664030	3/8/2024 9:00	3/9/2024 9:00	1439.83	0
1516786	3/8/2024 9:00	3/8/2024 10:22	82	0
574993	3/8/2024 9:00	3/8/2024 10:35	95	0
447406	3/8/2024 9:00	3/8/2024 12:08	188	0
10714479	3/8/2024 9:00	3/9/2024 9:00	1439.93	0
7879030	3/8/2024 9:00	3/8/2024 15:29	389	0
1348731	3/8/2024 9:00	3/9/2024 9:00	1439.15	0
315169	3/8/2024 9:00	3/8/2024 10:02	62	0
319279	3/8/2024 9:00	3/9/2024 9:00	1439.13	0
1413046	3/8/2024 9:00	3/9/2024 9:00	1439.15	0
1288420	3/8/2024 9:00	3/8/2024 13:28	268	0
1468500	3/8/2024 9:00	3/8/2024 11:26	146	0
314188	3/8/2024 9:00	3/8/2024 10:03	63	0
562202	3/8/2024 9:00	3/9/2024 9:00	1439.48	0

444688	3/8/2024 9:00	3/9/2024 9:00	1439.48	0
1394324	3/8/2024 9:00	3/8/2024 20:10	670	0
8950281	3/8/2024 9:00	3/8/2024 11:35	155	0
202435	3/8/2024 9:00	3/9/2024 9:00	1439.13	0
1352388	3/8/2024 9:00	3/9/2024 9:00	1439.15	0
675499	3/8/2024 9:00	3/8/2024 12:29	209	0
953854	3/8/2024 9:00	3/9/2024 9:00	1439.27	0
1417138	3/8/2024 9:00	3/8/2024 10:08	68	0
315730	3/8/2024 9:00	3/8/2024 10:05	65	0
1453263	3/8/2024 9:00	3/8/2024 10:54	114	0
549370	3/8/2024 9:01	3/9/2024 9:00	1438.48	0
1366197	3/8/2024 9:06	3/9/2024 9:00	1433.15	0
1516579	3/8/2024 9:07	3/8/2024 10:52	105	0
96751	3/8/2024 9:07	3/9/2024 9:00	1432.13	0
1513541	3/8/2024 9:07	3/9/2024 9:00	1432.93	0
7937779	3/8/2024 9:07	3/8/2024 10:00	53	0
281312	3/8/2024 9:07	3/8/2024 11:50	163	0
1307027	3/8/2024 9:07	3/8/2024 10:41	94	0
317797	3/8/2024 9:08	3/8/2024 19:10	602	0
12376755	3/8/2024 9:08	3/8/2024 10:37	89	0
345752	3/8/2024 9:08	3/9/2024 9:00	1431.13	0
1320845	3/8/2024 9:09	3/8/2024 19:57	648	1.53
317233	3/8/2024 9:09	3/8/2024 19:12	603	0.8
27483	3/8/2024 9:11	3/8/2024 11:12	121	0.02
1465391	3/8/2024 9:11	3/8/2024 11:59	168	0
25674	3/8/2024 9:11	3/8/2024 10:56	105	0
1393699	3/8/2024 9:11	3/8/2024 19:57	646	0.98
188639	3/8/2024 9:12	3/8/2024 10:41	89	0.47
8511623	3/8/2024 9:13	3/8/2024 20:04	651	0
29848	3/8/2024 9:13	3/8/2024 11:14	121	0.34
1494722	3/8/2024 9:14	3/8/2024 20:11	657	1.62
1493132	3/8/2024 9:15	3/8/2024 14:30	315	4.36
593798	3/8/2024 9:15	3/8/2024 19:56	641	0
320966	3/8/2024 9:15	3/8/2024 11:47	152	0
593397	3/8/2024 9:16	3/8/2024 19:57	641	0.61
1190246	3/8/2024 9:26	3/8/2024 20:06	640	0
1326407	3/8/2024 9:31	3/8/2024 19:37	606	0.06
1554218	3/8/2024 9:36	3/8/2024 20:05	629	0
1321114	3/8/2024 9:37	3/8/2024 20:01	624	0
7932279	3/8/2024 9:38	3/8/2024 14:27	289	0
1321605	3/8/2024 9:39	3/8/2024 19:59	620	1.85
1320646	3/8/2024 9:40	3/8/2024 20:02	622	0.81
1320619	3/8/2024 9:40	3/8/2024 20:02	622	0
1377303	3/8/2024 9:41	3/8/2024 20:08	627	0
1466357	3/8/2024 9:42	3/8/2024 11:59	137	0
1393633	3/8/2024 9:42	3/8/2024 20:01	619	3.41
51483	3/8/2024 9:46	3/8/2024 11:31	105	0.25

70866	3/8/2024 9:47	3/8/2024 10:03	16	0
1430838	3/8/2024 9:48	3/8/2024 11:49	121	0
1604432	3/8/2024 9:49	3/8/2024 20:08	619	1.22
561672	3/8/2024 9:49	3/8/2024 10:17	28	0
276488	3/8/2024 9:49	3/8/2024 11:50	121	0.14
1430644	3/8/2024 9:49	3/8/2024 11:50	121	0
281235	3/8/2024 9:49	3/8/2024 11:50	121	0
1430553	3/8/2024 9:50	3/8/2024 11:50	120	0
945898	3/8/2024 9:51	3/8/2024 11:36	105	0
1515733	3/8/2024 9:51	3/8/2024 20:10	619	2.22
4173986	3/8/2024 9:52	3/8/2024 11:47	115	0.4
9063373	3/8/2024 9:52	3/8/2024 20:11	619	0
1321750	3/8/2024 9:53	3/8/2024 10:09	16	0
664453	3/8/2024 9:54	3/8/2024 19:57	603	0
34832	3/8/2024 9:54	3/8/2024 10:41	47	0
23462	3/8/2024 9:54	3/8/2024 10:26	32	0
561757	3/8/2024 9:55	3/8/2024 19:59	604	0
35442	3/8/2024 9:55	3/8/2024 10:40	45	0
1320008	3/8/2024 9:56	3/8/2024 19:59	603	1.22
34905	3/8/2024 9:56	3/8/2024 11:15	79	0
353082	3/8/2024 9:57	3/8/2024 10:29	32	0
189581	3/8/2024 9:57	3/8/2024 11:11	74	0
24124	3/8/2024 9:58	3/8/2024 11:14	76	0
34887	3/8/2024 9:58	3/8/2024 10:40	42	0
29635	3/8/2024 9:59	3/8/2024 11:12	73	0
7937779	3/8/2024 10:00	3/8/2024 14:27	267	0
353651	3/8/2024 10:01	3/8/2024 10:31	30	0
315169	3/8/2024 10:02	3/8/2024 20:06	604	0
70866	3/8/2024 10:03	3/8/2024 12:19	136	0
314188	3/8/2024 10:03	3/8/2024 20:07	604	0
68620	3/8/2024 10:03	3/8/2024 14:36	273	0
1412757	3/8/2024 10:03	3/8/2024 20:01	598	0
47769	3/8/2024 10:03	3/8/2024 20:01	598	0
49209	3/8/2024 10:04	3/8/2024 20:07	603	0
1430294	3/8/2024 10:05	3/8/2024 11:50	105	0.01
315730	3/8/2024 10:05	3/8/2024 20:47	642	1.23
1265778	3/8/2024 10:05	3/8/2024 20:02	597	0
69207	3/8/2024 10:06	3/8/2024 14:33	267	0
314899	3/8/2024 10:06	3/8/2024 20:00	594	0
1321663	3/8/2024 10:07	3/8/2024 10:23	16	0
1417279	3/8/2024 10:07	3/8/2024 10:23	16	0
1417138	3/8/2024 10:08	3/8/2024 20:06	598	0
8148103	3/8/2024 10:08	3/8/2024 20:12	604	0
523489	3/8/2024 10:08	3/8/2024 20:07	599	1.15
316997	3/8/2024 10:08	3/8/2024 20:12	604	0
1321750	3/8/2024 10:09	3/8/2024 10:24	15	0
6280623	3/8/2024 10:09	3/8/2024 20:02	593	0.19

317084	3/8/2024 10:09	3/8/2024 20:13	604	0
8104722	3/8/2024 10:10	3/8/2024 20:08	598	0
1597556	3/8/2024 10:13	3/8/2024 20:09	596	2.56
957615	3/8/2024 10:13	3/8/2024 11:43	90	0
1599209	3/8/2024 10:14	3/8/2024 20:07	593	0
1041597	3/8/2024 10:16	3/8/2024 11:29	73	0
561672	3/8/2024 10:17	3/8/2024 14:35	258	0
449377	3/8/2024 10:17	3/8/2024 10:43	26	0
1416360	3/8/2024 10:17	3/8/2024 20:04	587	0
587455	3/8/2024 10:18	3/8/2024 14:14	236	0
1556486	3/8/2024 10:18	3/8/2024 20:01	583	0
8068454	3/8/2024 10:19	3/8/2024 10:35	16	0
1515964	3/8/2024 10:19	3/8/2024 14:31	252	0
274059	3/8/2024 10:19	3/8/2024 11:53	94	0
11081884	3/8/2024 10:19	3/8/2024 20:09	590	0
449036	3/8/2024 10:20	3/8/2024 14:35	255	0.43
1414392	3/8/2024 10:20	3/8/2024 20:03	583	0
274125	3/8/2024 10:20	3/8/2024 11:52	92	0
1415828	3/8/2024 10:21	3/8/2024 19:59	578	0
1556434	3/8/2024 10:21	3/8/2024 20:09	588	0.16
1664433	3/8/2024 10:21	3/8/2024 15:08	287	0
903630	3/8/2024 10:22	3/8/2024 10:38	16	0.08
1516786	3/8/2024 10:22	3/8/2024 20:10	588	1.67
264379	3/8/2024 10:22	3/8/2024 14:18	236	0
507365	3/8/2024 10:23	3/8/2024 11:36	73	0
1511264	3/8/2024 10:23	3/8/2024 20:04	581	0.12
1417279	3/8/2024 10:23	3/8/2024 20:00	577	1.2
793285	3/8/2024 10:23	3/8/2024 20:00	577	2.13
1511532	3/8/2024 10:23	3/8/2024 11:42	79	1.02
1321663	3/8/2024 10:23	3/8/2024 20:01	578	0.05
1450250	3/8/2024 10:23	3/8/2024 11:41	78	0
790670	3/8/2024 10:24	3/8/2024 20:01	577	0.27
510307	3/8/2024 10:24	3/8/2024 11:38	74	0.21
553863	3/8/2024 10:24	3/8/2024 14:24	240	0
1508563	3/8/2024 10:24	3/8/2024 11:42	78	0.29
1321750	3/8/2024 10:24	3/8/2024 20:02	578	0
511266	3/8/2024 10:25	3/8/2024 11:38	73	0
6714863	3/8/2024 10:25	3/8/2024 20:07	582	0.01
23462	3/8/2024 10:26	3/8/2024 10:42	16	0
1511251	3/8/2024 10:27	3/8/2024 11:40	73	0
8206792	3/8/2024 10:28	3/8/2024 11:41	73	0
353082	3/8/2024 10:29	3/8/2024 10:45	16	0.09
562727	3/8/2024 10:30	3/9/2024 9:00	1349.48	0
416557	3/8/2024 10:30	3/8/2024 19:52	562	0
353728	3/8/2024 10:30	3/8/2024 10:51	21	0
353651	3/8/2024 10:31	3/8/2024 10:41	10	0
6828301	3/8/2024 10:32	3/8/2024 14:32	240	0

197690	3/8/2024 10:34	3/8/2024 20:01	567	0
197883	3/8/2024 10:34	3/8/2024 20:07	573	0.2
646026	3/8/2024 10:35	3/8/2024 11:38	63	0
1513398	3/8/2024 10:35	3/8/2024 14:31	236	0
574993	3/8/2024 10:35	3/8/2024 20:07	572	0
8068454	3/8/2024 10:35	3/8/2024 11:22	47	0
12682110	3/8/2024 10:36	3/8/2024 20:09	573	0.96
10659831	3/8/2024 10:37	3/8/2024 20:09	572	0
12376755	3/8/2024 10:37	3/8/2024 10:53	16	0
1310926	3/8/2024 10:38	3/8/2024 14:24	226	0.8
196408	3/8/2024 10:38	3/8/2024 20:00	562	0.1
1518000	3/8/2024 10:38	3/8/2024 14:08	210	0
1552154	3/8/2024 10:38	3/8/2024 10:54	16	0
574596	3/8/2024 10:38	3/8/2024 19:58	560	0
903630	3/8/2024 10:38	3/8/2024 20:01	563	0.23
1573666	3/8/2024 10:38	3/8/2024 10:54	16	0
1457350	3/8/2024 10:39	3/9/2024 9:00	1340.93	0
916441	3/8/2024 10:39	3/8/2024 20:06	567	0
1267978	3/8/2024 10:39	3/8/2024 11:53	74	0
34887	3/8/2024 10:40	3/8/2024 14:29	229	0
1546695	3/8/2024 10:40	3/8/2024 14:26	226	0
26864	3/8/2024 10:40	3/8/2024 11:12	32	0
35442	3/8/2024 10:40	3/8/2024 11:27	47	0
188639	3/8/2024 10:41	3/8/2024 10:57	16	0
353651	3/8/2024 10:41	3/8/2024 14:16	215	0
34832	3/8/2024 10:41	3/8/2024 14:28	227	0
1309098	3/8/2024 10:41	3/8/2024 14:22	221	2.02
1307027	3/8/2024 10:41	3/8/2024 10:51	10	0
23462	3/8/2024 10:42	3/8/2024 10:57	15	0
955448	3/8/2024 10:43	3/8/2024 10:59	16	0
449377	3/8/2024 10:43	3/8/2024 10:54	11	0
1375642	3/8/2024 10:44	3/8/2024 14:29	225	0
353082	3/8/2024 10:45	3/8/2024 14:18	213	0.57
456048	3/8/2024 10:45	3/8/2024 11:33	48	0
957216	3/8/2024 10:45	3/8/2024 11:42	57	0
456084	3/8/2024 10:45	3/8/2024 10:50	5	0
1565203	3/8/2024 10:46	3/8/2024 20:12	566	0.19
989956	3/8/2024 10:47	3/8/2024 14:17	210	0
56196	3/8/2024 10:48	3/8/2024 11:30	42	0
456084	3/8/2024 10:50	3/8/2024 11:32	42	0
605186	3/8/2024 10:50	3/8/2024 14:09	199	2.37
1307027	3/8/2024 10:51	3/8/2024 14:25	214	0
353728	3/8/2024 10:51	3/8/2024 14:16	205	0
8717997	3/8/2024 10:51	3/8/2024 19:57	546	0
1556243	3/8/2024 10:52	3/8/2024 20:08	556	0
1516579	3/8/2024 10:52	3/8/2024 20:08	556	0
198082	3/8/2024 10:52	3/8/2024 11:08	16	0

601397	3/8/2024 10:52	3/8/2024 14:06	194	0
500173	3/8/2024 10:53	3/8/2024 19:54	541	6.26
12376755	3/8/2024 10:53	3/8/2024 14:23	210	1.58
1453263	3/8/2024 10:54	3/8/2024 11:41	47	0
1573666	3/8/2024 10:54	3/8/2024 14:08	194	0
1552154	3/8/2024 10:54	3/8/2024 14:24	210	0.14
449377	3/8/2024 10:54	3/8/2024 14:02	188	0
1307575	3/8/2024 10:54	3/8/2024 14:24	210	0.7
552210	3/8/2024 10:55	3/8/2024 20:01	546	0
2032900	3/8/2024 10:55	3/8/2024 20:01	546	0
1319739	3/8/2024 10:55	3/9/2024 9:00	1324.15	0
25674	3/8/2024 10:56	3/8/2024 11:12	16	0
564518	3/8/2024 10:56	3/8/2024 11:39	43	0
975066	3/8/2024 10:57	3/8/2024 20:03	546	0
188639	3/8/2024 10:57	3/8/2024 11:18	21	0.05
23462	3/8/2024 10:57	3/8/2024 14:27	210	0
1311232	3/8/2024 10:58	3/8/2024 14:27	209	0
321287	3/8/2024 10:59	3/8/2024 11:47	48	0.45
955448	3/8/2024 10:59	3/8/2024 11:46	47	0
328570	3/8/2024 10:59	3/8/2024 11:46	47	0.63
956125	3/8/2024 11:00	3/8/2024 11:42	42	0.34
1654064	3/8/2024 11:00	3/8/2024 20:01	541	0.15
1514004	3/8/2024 11:00	3/8/2024 14:35	215	0.1
328911	3/8/2024 11:00	3/8/2024 20:08	548	0
1672745	3/8/2024 11:01	3/8/2024 14:15	194	0
563721	3/8/2024 11:02	3/8/2024 14:33	211	0
10433250	3/8/2024 11:02	3/8/2024 14:32	210	1.42
428372	3/8/2024 11:02	3/8/2024 11:49	47	0
450309	3/8/2024 11:03	3/8/2024 11:19	16	0
277301	3/8/2024 11:04	3/8/2024 11:51	47	0
195839	3/8/2024 11:04	3/9/2024 9:00	1315.13	0.28
197356	3/8/2024 11:04	3/8/2024 20:10	546	0
195666	3/8/2024 11:05	3/9/2024 9:00	1314.13	0
1683861	3/8/2024 11:05	3/8/2024 20:07	542	0.53
314350	3/8/2024 11:05	3/9/2024 9:00	1314.13	0
1638359	3/8/2024 11:05	3/8/2024 20:06	541	0
196965	3/8/2024 11:05	3/8/2024 20:01	536	0
277818	3/8/2024 11:06	3/8/2024 11:53	47	0
1638479	3/8/2024 11:06	3/8/2024 20:07	541	0
1432827	3/8/2024 11:06	3/8/2024 11:21	15	0
1431804	3/8/2024 11:06	3/8/2024 11:22	16	0
10393495	3/8/2024 11:07	3/8/2024 11:49	42	0
198082	3/8/2024 11:08	3/8/2024 14:38	210	0
1638308	3/8/2024 11:10	3/8/2024 20:15	545	0
189581	3/8/2024 11:11	3/8/2024 14:25	194	0
28110	3/8/2024 11:11	3/9/2024 9:00	1308.13	0
26864	3/8/2024 11:12	3/8/2024 14:26	194	0

1456419	3/8/2024 11:12	3/8/2024 11:39	27	0
29635	3/8/2024 11:12	3/8/2024 20:03	531	0
27483	3/8/2024 11:12	3/8/2024 14:26	194	0.64
25674	3/8/2024 11:12	3/8/2024 14:26	194	0
28509	3/8/2024 11:13	3/8/2024 14:27	194	0.71
25066	3/8/2024 11:13	3/8/2024 11:28	15	0
23566	3/8/2024 11:14	3/8/2024 11:30	16	0
24124	3/8/2024 11:14	3/8/2024 14:34	200	0
29848	3/8/2024 11:14	3/8/2024 14:28	194	1
30471	3/8/2024 11:15	3/8/2024 14:29	194	0.38
30176	3/8/2024 11:15	3/9/2024 9:00	1304.13	0
34905	3/8/2024 11:15	3/8/2024 20:11	536	0.16
169731	3/8/2024 11:15	3/9/2024 9:00	1304.13	0
1513240	3/8/2024 11:16	3/8/2024 14:35	199	0.72
12378019	3/8/2024 11:17	3/9/2024 9:00	1302.13	0
8434548	3/8/2024 11:17	3/9/2024 9:00	1302.13	0
188639	3/8/2024 11:18	3/8/2024 14:27	189	0.8
1602630	3/8/2024 11:19	3/8/2024 20:14	535	0.74
450309	3/8/2024 11:19	3/8/2024 19:53	514	0
1432827	3/8/2024 11:21	3/8/2024 12:19	58	0.09
1446785	3/8/2024 11:22	3/8/2024 20:09	527	1.29
1431804	3/8/2024 11:22	3/8/2024 12:19	57	0
1415622	3/8/2024 11:22	3/8/2024 11:33	11	0.08
645339	3/8/2024 11:22	3/8/2024 11:38	16	0.09
8068454	3/8/2024 11:22	3/8/2024 14:52	210	0
1510965	3/8/2024 11:25	3/8/2024 11:41	16	0
1468500	3/8/2024 11:26	3/8/2024 11:57	31	0
35442	3/8/2024 11:27	3/8/2024 14:28	181	0
1469866	3/8/2024 11:27	3/8/2024 11:58	31	0
25066	3/8/2024 11:28	3/8/2024 20:08	520	0
1591422	3/8/2024 11:28	3/8/2024 20:08	520	0.28
1041597	3/8/2024 11:29	3/8/2024 11:45	16	0
56196	3/8/2024 11:30	3/8/2024 11:46	16	0
23566	3/8/2024 11:30	3/8/2024 20:04	514	0
51483	3/8/2024 11:31	3/8/2024 11:47	16	0.08
1624452	3/8/2024 11:32	3/8/2024 12:20	48	0
456084	3/8/2024 11:32	3/8/2024 12:04	32	0
1415622	3/8/2024 11:33	3/8/2024 20:03	510	0.36
456048	3/8/2024 11:33	3/8/2024 12:05	32	0
8950281	3/8/2024 11:35	3/8/2024 11:46	11	0
308622	3/8/2024 11:35	3/8/2024 14:20	165	0
510522	3/8/2024 11:36	3/8/2024 14:39	183	0
1672784	3/8/2024 11:36	3/9/2024 9:00	1283.48	0.04
507365	3/8/2024 11:36	3/8/2024 14:40	184	0
945898	3/8/2024 11:36	3/8/2024 12:50	74	0
12377908	3/8/2024 11:37	3/8/2024 14:19	162	0
626477	3/8/2024 11:37	3/8/2024 19:56	499	0

624716	3/8/2024 11:37	3/8/2024 20:06	509	0.02
511266	3/8/2024 11:38	3/8/2024 14:37	179	0
510307	3/8/2024 11:38	3/8/2024 14:37	179	0.17
646026	3/8/2024 11:38	3/8/2024 11:54	16	0
645339	3/8/2024 11:38	3/8/2024 11:54	16	0.13
511223	3/8/2024 11:38	3/8/2024 14:41	183	0
509102	3/8/2024 11:38	3/8/2024 14:37	179	0
1456419	3/8/2024 11:39	3/8/2024 14:41	182	0
564518	3/8/2024 11:39	3/8/2024 14:41	182	0
1511251	3/8/2024 11:40	3/8/2024 12:54	74	0
1450250	3/8/2024 11:41	3/8/2024 20:06	505	0.41
1453263	3/8/2024 11:41	3/8/2024 14:40	179	0
1510965	3/8/2024 11:41	3/8/2024 12:55	74	0
8206792	3/8/2024 11:41	3/8/2024 20:05	504	0
385332	3/8/2024 11:41	3/8/2024 19:48	487	0
956125	3/8/2024 11:42	3/8/2024 11:58	16	0.14
1511532	3/8/2024 11:42	3/8/2024 12:55	73	0.76
1508563	3/8/2024 11:42	3/8/2024 12:56	74	0
957216	3/8/2024 11:42	3/8/2024 12:03	21	0
957615	3/8/2024 11:43	3/8/2024 11:58	15	0
1041597	3/8/2024 11:45	3/8/2024 12:01	16	0
56196	3/8/2024 11:46	3/8/2024 12:04	18	0
328113	3/8/2024 11:46	3/8/2024 12:33	47	0.23
8950281	3/8/2024 11:46	3/8/2024 12:01	15	0
328570	3/8/2024 11:46	3/8/2024 12:28	42	0.39
955448	3/8/2024 11:46	3/8/2024 11:56	10	0
320966	3/8/2024 11:47	3/8/2024 12:02	15	0
321287	3/8/2024 11:47	3/8/2024 12:02	15	0
51483	3/8/2024 11:47	3/8/2024 12:05	18	0
4173986	3/8/2024 11:47	3/8/2024 12:34	47	0
833763	3/8/2024 11:48	3/9/2024 9:00	1271.83	0.01
428372	3/8/2024 11:49	3/8/2024 14:30	161	0
174362	3/8/2024 11:49	3/9/2024 9:00	1270.13	0
10393495	3/8/2024 11:49	3/8/2024 13:22	93	0
1430838	3/8/2024 11:49	3/8/2024 12:05	16	0
1430294	3/8/2024 11:50	3/8/2024 12:05	15	0.04
1430644	3/8/2024 11:50	3/8/2024 12:06	16	0
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1430553	3/8/2024 11:50	3/8/2024 12:06	16	0
276488	3/8/2024 11:50	3/8/2024 12:37	47	0.11
281312	3/8/2024 11:50	3/8/2024 12:37	47	0
1539391	3/8/2024 11:50	3/8/2024 13:35	105	0.03
277301	3/8/2024 11:51	3/8/2024 12:38	47	0
1538577	3/8/2024 11:51	3/8/2024 13:36	105	0
274125	3/8/2024 11:52	3/8/2024 12:33	41	0
277818	3/8/2024 11:53	3/8/2024 12:35	42	0
274059	3/8/2024 11:53	3/8/2024 12:36	43	0

1267978	3/8/2024 11:53	3/8/2024 12:35	42	0
646026	3/8/2024 11:54	3/8/2024 13:39	105	0
645339	3/8/2024 11:54	3/8/2024 14:21	147	0.01
127206	3/8/2024 11:55	3/9/2024 9:00	1264.13	0
955448	3/8/2024 11:56	3/8/2024 12:12	16	0
1468500	3/8/2024 11:57	3/8/2024 20:06	489	0
956125	3/8/2024 11:58	3/8/2024 12:14	16	0.04
957615	3/8/2024 11:58	3/8/2024 12:14	16	0
1469866	3/8/2024 11:58	3/8/2024 12:40	42	0
1466357	3/8/2024 11:59	3/8/2024 12:40	41	0
1465391	3/8/2024 11:59	3/8/2024 12:41	42	0
1041597	3/8/2024 12:01	3/8/2024 14:12	131	0
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957216	3/8/2024 12:03	3/8/2024 12:14	11	0
456084	3/8/2024 12:04	3/8/2024 12:46	42	0
11176351	3/8/2024 12:04	3/8/2024 12:20	16	0.01
56196	3/8/2024 12:04	3/8/2024 13:05	61	0
1430294	3/8/2024 12:05	3/8/2024 14:22	137	0
627018	3/8/2024 12:05	3/8/2024 14:06	121	0.01
456048	3/8/2024 12:05	3/8/2024 12:46	41	0
1430838	3/8/2024 12:05	3/8/2024 14:16	131	0
51483	3/8/2024 12:05	3/8/2024 13:00	55	0
1430644	3/8/2024 12:06	3/8/2024 14:17	131	0.01
1430553	3/8/2024 12:06	3/8/2024 14:17	131	0
447406	3/8/2024 12:08	3/8/2024 14:35	147	0.06
204700	3/8/2024 12:08	3/9/2024 9:00	1251.13	0
627289	3/8/2024 12:08	3/8/2024 14:09	121	0
204963	3/8/2024 12:09	3/9/2024 9:00	1250.13	0
971524	3/8/2024 12:09	3/8/2024 14:05	116	0
955448	3/8/2024 12:12	3/9/2024 9:00	1247.27	0
956125	3/8/2024 12:14	3/9/2024 9:00	1245.27	0.06
957216	3/8/2024 12:14	3/9/2024 9:00	1245.27	0
957615	3/8/2024 12:14	3/8/2024 13:27	73	0
13912	3/8/2024 12:14	3/8/2024 20:03	469	0
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1431804	3/8/2024 12:19	3/8/2024 13:07	48	0
70866	3/8/2024 12:19	3/8/2024 14:36	137	0
1432827	3/8/2024 12:19	3/8/2024 13:06	47	0
11176351	3/8/2024 12:20	3/8/2024 20:07	467	0.25
1624452	3/8/2024 12:20	3/8/2024 14:36	136	0
327311	3/8/2024 12:23	3/9/2024 9:00	1236.13	0
328570	3/8/2024 12:28	3/9/2024 9:00	1231.13	0.01
675499	3/8/2024 12:29	3/8/2024 19:54	445	0
15611	3/8/2024 12:29	3/9/2024 9:00	1230.13	0
13876	3/8/2024 12:30	3/9/2024 9:00	1229.13	0

14605	3/8/2024 12:30	3/9/2024 9:00	1229.13	0
274125	3/8/2024 12:33	3/8/2024 14:24	111	0
328113	3/8/2024 12:33	3/8/2024 14:08	95	0
11435788	3/8/2024 12:34	3/9/2024 9:00	1225.13	0
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14239	3/8/2024 12:34	3/9/2024 9:00	1225.13	0
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274059	3/8/2024 12:36	3/8/2024 14:19	103	0
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281235	3/8/2024 12:37	3/8/2024 14:19	102	0
277301	3/8/2024 12:38	3/8/2024 14:22	104	0
1466357	3/8/2024 12:40	3/8/2024 14:25	105	0
1469866	3/8/2024 12:40	3/9/2024 9:00	1219.93	0
1465391	3/8/2024 12:41	3/8/2024 13:54	73	0
456048	3/8/2024 12:46	3/8/2024 14:31	105	0
456084	3/8/2024 12:46	3/8/2024 14:31	105	0
926505	3/8/2024 12:49	3/9/2024 9:00	1210.83	0
926657	3/8/2024 12:49	3/9/2024 9:00	1210.83	0
928438	3/8/2024 12:49	3/9/2024 9:00	1210.83	0
926503	3/8/2024 12:49	3/9/2024 9:00	1210.83	0
945898	3/8/2024 12:50	3/8/2024 14:03	73	0
926638	3/8/2024 12:51	3/9/2024 9:00	1208.83	0
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1510965	3/8/2024 12:55	3/9/2024 9:00	1204.93	0
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1508563	3/8/2024 12:56	3/8/2024 15:12	136	0
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8950281	3/8/2024 13:05	3/8/2024 14:18	73	0
56196	3/8/2024 13:05	3/8/2024 14:18	73	0
1432827	3/8/2024 13:06	3/8/2024 14:20	74	0
1431804	3/8/2024 13:07	3/8/2024 14:20	73	0
918098	3/8/2024 13:09	3/8/2024 14:07	58	0
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623612	3/8/2024 13:24	3/8/2024 14:53	89	0
623069	3/8/2024 13:24	3/8/2024 14:54	90	0
957615	3/8/2024 13:27	3/8/2024 14:15	48	0
1288420	3/8/2024 13:28	3/8/2024 13:33	5	0
1288420	3/8/2024 13:33	3/8/2024 13:43	10	0
626600	3/8/2024 13:35	3/9/2024 9:00	1164.48	0
1539391	3/8/2024 13:35	3/8/2024 14:07	32	0
1538577	3/8/2024 13:36	3/8/2024 14:08	32	0
624411	3/8/2024 13:38	3/9/2024 9:00	1161.48	0
646026	3/8/2024 13:39	3/8/2024 14:11	32	0
1288420	3/8/2024 13:43	3/8/2024 13:49	6	0

1288420	3/8/2024 13:49	3/8/2024 13:59	10	0
610737	3/8/2024 13:54	3/9/2024 9:00	1145.48	0
1465391	3/8/2024 13:54	3/8/2024 14:26	32	0
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945898	3/8/2024 14:03	3/8/2024 14:24	21	0
4173986	3/8/2024 14:04	3/8/2024 14:19	15	0
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276488	3/8/2024 14:06	3/8/2024 14:22	16	0
627018	3/8/2024 14:06	3/8/2024 14:22	16	0
918098	3/8/2024 14:07	3/8/2024 14:38	31	0
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328113	3/8/2024 14:08	3/8/2024 15:16	68	0
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878149	3/8/2024 14:08	3/8/2024 20:05	357	0
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627289	3/8/2024 14:09	3/8/2024 14:25	16	0
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563241	3/8/2024 14:09	3/8/2024 14:25	16	0
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345394	3/8/2024 14:14	3/8/2024 14:30	16	0
587455	3/8/2024 14:14	3/8/2024 14:30	16	0
344641	3/8/2024 14:15	3/8/2024 14:31	16	0
1672745	3/8/2024 14:15	3/8/2024 20:07	352	0
957615	3/8/2024 14:15	3/8/2024 14:30	15	0
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353728	3/8/2024 14:16	3/8/2024 14:31	15	0
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353651	3/8/2024 14:16	3/8/2024 14:31	15	0
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1430644	3/8/2024 14:17	3/8/2024 14:33	16	0.05
1430553	3/8/2024 14:17	3/8/2024 14:33	16	0
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989956	3/8/2024 14:17	3/8/2024 14:33	16	0

353082	3/8/2024 14:18	3/8/2024 14:28	10	0
264379	3/8/2024 14:18	3/8/2024 19:59	341	0
56196	3/8/2024 14:18	3/8/2024 14:34	16	0
8950281	3/8/2024 14:18	3/8/2024 14:34	16	0
281235	3/8/2024 14:19	3/8/2024 15:22	63	0
51483	3/8/2024 14:19	3/8/2024 14:30	11	0
274059	3/8/2024 14:19	3/8/2024 14:35	16	0
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645339	3/8/2024 14:21	3/8/2024 14:37	16	0
1309098	3/8/2024 14:22	3/8/2024 19:57	335	0
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277301	3/8/2024 14:22	3/8/2024 14:54	32	0
1539391	3/8/2024 14:22	3/8/2024 20:09	347	0
627018	3/8/2024 14:22	3/8/2024 14:53	31	0
601397	3/8/2024 14:22	3/9/2024 9:00	1117.48	0
859747	3/8/2024 14:22	3/8/2024 14:38	16	0
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801004	3/8/2024 14:23	3/8/2024 14:38	15	0
860281	3/8/2024 14:24	3/8/2024 14:39	15	0
945898	3/8/2024 14:24	3/8/2024 14:35	11	0
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1518000	3/8/2024 14:24	3/8/2024 20:05	341	0
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274125	3/8/2024 14:24	3/8/2024 14:35	11	0
1307575	3/8/2024 14:24	3/8/2024 20:05	341	0
1267978	3/8/2024 14:25	3/8/2024 14:35	10	0
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627289	3/8/2024 14:25	3/8/2024 14:51	26	0
800588	3/8/2024 14:25	3/8/2024 14:41	16	0
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800590	3/8/2024 14:27	3/8/2024 14:38	11	0
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188639	3/8/2024 14:27	3/8/2024 14:43	16	0
5834752	3/8/2024 14:27	3/8/2024 19:58	331	0
1311232	3/8/2024 14:27	3/8/2024 19:58	331	0
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35442	3/8/2024 14:28	3/8/2024 14:43	15	0
29848	3/8/2024 14:28	3/8/2024 19:59	331	0
1385431	3/8/2024 14:28	3/8/2024 14:38	10	0
34832	3/8/2024 14:28	3/8/2024 14:44	16	0
8511715	3/8/2024 14:28	3/8/2024 20:04	336	0
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587455	3/8/2024 14:30	3/8/2024 14:45	15	0
345394	3/8/2024 14:30	3/8/2024 20:06	336	0
51483	3/8/2024 14:30	3/8/2024 15:04	34	0
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428372	3/8/2024 14:30	3/8/2024 14:46	16	0
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1493132	3/8/2024 14:30	3/8/2024 15:01	31	0
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456084	3/8/2024 14:31	3/8/2024 14:47	16	0
27443	3/8/2024 14:31	3/8/2024 14:57	26	0
1515964	3/8/2024 14:31	3/8/2024 20:07	336	0
353651	3/8/2024 14:31	3/8/2024 15:01	30	0
347031	3/8/2024 14:31	3/8/2024 20:02	331	0
353728	3/8/2024 14:31	3/8/2024 15:03	32	0
344641	3/8/2024 14:31	3/8/2024 20:01	330	0
6828301	3/8/2024 14:32	3/8/2024 20:07	335	0
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69207	3/8/2024 14:33	3/8/2024 20:09	336	0
563721	3/8/2024 14:33	3/8/2024 20:03	330	0

989956	3/8/2024 14:33	3/8/2024 15:04	31	0
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1430294	3/8/2024 14:33	3/8/2024 14:48	15	0
1430553	3/8/2024 14:33	3/8/2024 14:49	16	0
449377	3/8/2024 14:33	3/8/2024 14:49	16	0
8950281	3/8/2024 14:34	3/8/2024 14:49	15	0
56196	3/8/2024 14:34	3/8/2024 15:00	26	0
24124	3/8/2024 14:34	3/8/2024 15:11	37	0
274125	3/8/2024 14:35	3/8/2024 20:35	360	0
1267978	3/8/2024 14:35	3/8/2024 20:05	330	0
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274059	3/8/2024 14:35	3/8/2024 20:38	363	0
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945898	3/8/2024 14:35	3/8/2024 20:48	373	0
12377908	3/8/2024 14:35	3/8/2024 15:07	32	0
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709832	3/8/2024 14:35	3/8/2024 20:15	340	0
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447406	3/8/2024 14:35	3/8/2024 14:50	15	0
1514004	3/8/2024 14:35	3/8/2024 14:46	11	0
193791	3/8/2024 14:35	3/8/2024 21:14	399	0
1432827	3/8/2024 14:36	3/8/2024 14:52	16	0
519373	3/8/2024 14:36	3/8/2024 20:12	336	0
68620	3/8/2024 14:36	3/8/2024 20:11	335	0
1332906	3/8/2024 14:36	3/8/2024 20:02	326	0
1624452	3/8/2024 14:36	3/8/2024 14:52	16	0
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1431804	3/8/2024 14:36	3/8/2024 14:52	16	0
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510307	3/8/2024 14:37	3/8/2024 19:57	320	0
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645339	3/8/2024 14:37	3/8/2024 20:02	325	0
509102	3/8/2024 14:37	3/8/2024 19:59	322	0
511266	3/8/2024 14:37	3/8/2024 20:00	323	0
656343	3/8/2024 14:38	3/8/2024 19:57	319	0
1573666	3/8/2024 14:38	3/8/2024 20:23	345	0
1385431	3/8/2024 14:38	3/8/2024 20:04	326	0
801004	3/8/2024 14:38	3/8/2024 20:04	326	0
918098	3/8/2024 14:38	3/8/2024 20:04	326	0
198082	3/8/2024 14:38	3/8/2024 20:10	332	0
859747	3/8/2024 14:38	3/8/2024 20:03	325	0
800590	3/8/2024 14:38	3/8/2024 19:59	321	0
12376755	3/8/2024 14:39	3/8/2024 20:01	322	0
510522	3/8/2024 14:39	3/8/2024 20:00	321	0
860281	3/8/2024 14:39	3/8/2024 20:00	321	0

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23462	3/8/2024 14:44	3/8/2024 20:03	319	0
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23516	3/8/2024 14:57	3/9/2024 9:00	1082.13	0
24993	3/8/2024 14:59	3/9/2024 9:00	1080.13	0
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7932279	3/8/2024 14:59	3/8/2024 15:09	10	0
7937779	3/8/2024 14:59	3/8/2024 20:03	304	0
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353651	3/8/2024 15:01	3/8/2024 20:01	300	0
1624452	3/8/2024 15:02	3/8/2024 20:07	305	0
353728	3/8/2024 15:03	3/9/2024 9:00	1076.13	0
989956	3/8/2024 15:04	3/8/2024 19:57	293	0
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449377	3/8/2024 15:05	3/8/2024 15:31	26	0

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1452843	3/8/2024 15:09	3/8/2024 15:24	15	0
7932279	3/8/2024 15:09	3/8/2024 15:25	16	0
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1508563	3/8/2024 15:12	3/8/2024 20:05	293	0
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1288420	3/8/2024 15:13	3/8/2024 15:18	5	0
27443	3/8/2024 15:13	3/8/2024 20:12	299	0
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10433250	3/8/2024 15:14	3/8/2024 20:02	288	0
872542	3/8/2024 15:15	3/8/2024 19:53	278	0
328113	3/8/2024 15:16	3/8/2024 20:05	289	0
29807	3/8/2024 15:17	3/9/2024 9:00	1062.13	0
1288420	3/8/2024 15:18	3/8/2024 15:28	10	0
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281235	3/8/2024 15:22	3/8/2024 20:11	289	0
852125	3/8/2024 15:22	3/8/2024 20:06	284	0
1452843	3/8/2024 15:24	3/8/2024 19:57	273	0
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852071	3/8/2024 15:25	3/8/2024 20:03	278	0
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1288420	3/8/2024 15:28	3/8/2024 15:34	6	0
7879030	3/8/2024 15:29	3/8/2024 19:57	268	0
8910809	3/8/2024 15:30	3/8/2024 19:58	268	0
449377	3/8/2024 15:31	3/8/2024 16:13	42	0
469018	3/8/2024 15:32	3/8/2024 20:05	273	0
1288420	3/8/2024 15:34	3/8/2024 15:44	10	0
1453359	3/8/2024 15:39	3/8/2024 20:02	263	0
1288420	3/8/2024 15:44	3/8/2024 15:50	6	0
320966	3/8/2024 15:49	3/8/2024 20:11	262	0
1288420	3/8/2024 15:50	3/8/2024 15:55	5	0
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1664433	3/8/2024 15:55	3/8/2024 20:07	252	0
1288420	3/8/2024 15:55	3/8/2024 16:00	5	0
1288420	3/8/2024 16:00	3/8/2024 17:40	100	0
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656498	3/8/2024 16:10	3/8/2024 21:42	332	0
660265	3/8/2024 16:12	3/8/2024 20:03	231	0
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321287	3/8/2024 16:15	3/9/2024 9:00	1004.13	0
6583289	3/8/2024 16:17	3/8/2024 20:13	236	0

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658642	3/8/2024 16:28	3/8/2024 19:58	210	0
1349766	3/8/2024 16:41	3/8/2024 16:46	5	0
1349083	3/8/2024 16:41	3/8/2024 20:06	205	0
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188639	3/8/2024 17:04	3/9/2024 9:00	955.13	0
1351588	3/8/2024 17:25	3/9/2024 9:00	934.15	0
1288420	3/8/2024 17:40	3/8/2024 17:45	5	0
1288420	3/8/2024 17:45	3/9/2024 9:00	914.15	0
449377	3/8/2024 18:19	3/8/2024 18:56	37	0
449377	3/8/2024 18:56	3/8/2024 19:59	63	0
317797	3/8/2024 19:10	3/9/2024 9:00	829.13	0
317233	3/8/2024 19:12	3/9/2024 9:00	827.13	0
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385332	3/8/2024 19:48	3/9/2024 9:00	791.48	0
416557	3/8/2024 19:52	3/9/2024 9:00	787.48	0
872542	3/8/2024 19:53	3/9/2024 10:00	846.83	0
450309	3/8/2024 19:53	3/9/2024 9:00	786.48	0
380736	3/8/2024 19:54	3/9/2024 9:00	785.48	0
569420	3/8/2024 19:54	3/9/2024 9:00	785.48	0
675499	3/8/2024 19:54	3/9/2024 9:00	785.83	0
500173	3/8/2024 19:54	3/9/2024 9:00	785.48	0
1400258	3/8/2024 19:55	3/9/2024 10:00	844.15	0
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626477	3/8/2024 19:56	3/9/2024 9:00	783.48	0
593798	3/8/2024 19:56	3/9/2024 9:00	783.48	0
623871	3/8/2024 19:56	3/9/2024 9:00	783.48	0
971524	3/8/2024 19:56	3/9/2024 9:00	783.48	0
7879030	3/8/2024 19:57	3/9/2024 9:00	782.48	0
593397	3/8/2024 19:57	3/9/2024 9:00	782.48	0
989956	3/8/2024 19:57	3/9/2024 9:00	782.27	0
1393699	3/8/2024 19:57	3/9/2024 9:00	782.15	0
656343	3/8/2024 19:57	3/9/2024 9:00	782.83	0
1701172	3/8/2024 19:57	3/9/2024 9:00	782.15	0
1309098	3/8/2024 19:57	3/9/2024 9:00	782.15	0
510307	3/8/2024 19:57	3/9/2024 9:00	782.48	0
1320845	3/8/2024 19:57	3/9/2024 9:00	782.15	0
8717997	3/8/2024 19:57	3/9/2024 9:00	782.83	0
664453	3/8/2024 19:57	3/9/2024 9:00	782.83	0
1452843	3/8/2024 19:57	3/9/2024 9:00	782.93	0
646026	3/8/2024 19:57	3/9/2024 9:00	782.48	0
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658642	3/8/2024 19:58	3/9/2024 9:00	781.83	0
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8910809	3/8/2024 19:58	3/9/2024 9:00	781.48	0

1311232	3/8/2024 19:58	3/9/2024 9:00	781.15	0
574596	3/8/2024 19:58	3/9/2024 9:00	781.48	0
1503634	3/8/2024 19:58	3/9/2024 9:00	781.15	0
627018	3/8/2024 19:58	3/9/2024 9:00	781.48	0
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1321605	3/8/2024 19:59	3/9/2024 9:00	780.15	0
29848	3/8/2024 19:59	3/9/2024 9:00	780.13	0
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449377	3/8/2024 19:59	3/8/2024 20:14	15	0
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561757	3/8/2024 19:59	3/9/2024 9:00	780.48	0
264379	3/8/2024 19:59	3/9/2024 9:00	780.13	0
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553863	3/8/2024 20:00	3/9/2024 9:00	779.48	0
793285	3/8/2024 20:00	3/9/2024 9:00	779.83	0
860934	3/8/2024 20:00	3/9/2024 9:00	779.83	0
511266	3/8/2024 20:00	3/9/2024 9:00	779.48	0
449036	3/8/2024 20:00	3/9/2024 9:00	779.48	0
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860281	3/8/2024 20:00	3/9/2024 9:00	779.83	0
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1493766	3/8/2024 20:00	3/9/2024 9:00	779.15	0
510522	3/8/2024 20:00	3/9/2024 9:00	779.48	0
1556486	3/8/2024 20:01	3/9/2024 9:00	778.93	0
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1393633	3/8/2024 20:01	3/9/2024 9:00	778.15	0
1321663	3/8/2024 20:01	3/9/2024 9:00	778.15	0
790670	3/8/2024 20:01	3/9/2024 9:00	778.83	0
197690	3/8/2024 20:01	3/9/2024 9:00	778.13	0
344641	3/8/2024 20:01	3/9/2024 9:00	778.13	0
587455	3/8/2024 20:01	3/9/2024 9:00	778.48	0
12376755	3/8/2024 20:01	3/9/2024 9:00	778.15	0
1514004	3/8/2024 20:01	3/9/2024 9:00	778.93	0
353651	3/8/2024 20:01	3/9/2024 9:00	778.13	0
903630	3/8/2024 20:01	3/9/2024 9:00	778.83	0
1432827	3/8/2024 20:01	3/9/2024 9:00	778.93	0
975032	3/8/2024 20:01	3/9/2024 9:00	778.27	0
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47769	3/8/2024 20:01	3/9/2024 9:00	778.13	0
511223	3/8/2024 20:01	3/9/2024 9:00	778.48	0
2032900	3/8/2024 20:01	3/9/2024 9:00	778.15	0
800588	3/8/2024 20:01	3/9/2024 9:00	778.83	0
1466357	3/8/2024 20:01	3/9/2024 9:00	778.93	0
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456084	3/8/2024 20:02	3/9/2024 9:00	777.48	0
1320619	3/8/2024 20:02	3/9/2024 9:00	777.15	0
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645339	3/8/2024 20:02	3/9/2024 9:00	777.48	0
1265778	3/8/2024 20:02	3/9/2024 9:00	777.15	0
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25674	3/8/2024 20:02	3/9/2024 9:00	777.13	0
1320646	3/8/2024 20:02	3/9/2024 9:00	777.15	0
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347031	3/8/2024 20:02	3/9/2024 9:00	777.13	0
506261	3/8/2024 20:02	3/9/2024 9:00	777.48	0
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658658	3/8/2024 20:02	3/9/2024 9:00	777.83	0
1453359	3/8/2024 20:02	3/9/2024 10:00	837.93	0
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1321750	3/8/2024 20:02	3/9/2024 9:00	777.15	0
1307027	3/8/2024 20:03	3/9/2024 9:00	776.15	0
852071	3/8/2024 20:03	3/9/2024 9:00	776.83	0
13912	3/8/2024 20:03	3/9/2024 9:00	776.13	0
859747	3/8/2024 20:03	3/9/2024 9:00	776.83	0
623612	3/8/2024 20:03	3/9/2024 9:00	776.48	0
1551510	3/8/2024 20:03	3/9/2024 9:00	776.93	0
975066	3/8/2024 20:03	3/9/2024 9:00	776.27	0
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7937779	3/8/2024 20:03	3/9/2024 9:00	776.15	0
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23566	3/8/2024 20:04	3/9/2024 9:00	775.13	0
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8511715	3/8/2024 20:04	3/9/2024 9:00	775.13	0

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878149	3/8/2024 20:05	3/9/2024 9:00	774.83	0
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624716	3/8/2024 20:06	3/9/2024 9:00	773.48	0
852125	3/8/2024 20:06	3/9/2024 9:00	773.83	0
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1683861	3/8/2024 20:07	3/9/2024 9:00	772.13	0
574993	3/8/2024 20:07	3/9/2024 9:00	772.48	0
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523489	3/8/2024 20:07	3/9/2024 9:00	772.13	0
8068454	3/8/2024 20:07	3/9/2024 9:00	772.48	0
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1672745	3/8/2024 20:07	3/9/2024 9:00	772.48	0
1456419	3/8/2024 20:07	3/9/2024 9:00	772.93	0
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353082	3/8/2024 20:09	3/9/2024 9:00	770.13	0
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69207	3/8/2024 20:09	3/9/2024 9:00	770.13	0
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197356	3/8/2024 20:10	3/9/2024 9:00	769.13	0
198082	3/8/2024 20:10	3/9/2024 9:00	769.13	0
8950281	3/8/2024 20:10	3/9/2024 9:00	769.13	0
1515733	3/8/2024 20:10	3/9/2024 9:00	769.93	0
1375642	3/8/2024 20:10	3/9/2024 9:00	769.15	0
1394324	3/8/2024 20:10	3/9/2024 9:00	769.15	0
68620	3/8/2024 20:11	3/9/2024 9:00	768.13	0
189581	3/8/2024 20:11	3/9/2024 9:00	768.13	0
320966	3/8/2024 20:11	3/9/2024 9:00	768.13	0
34905	3/8/2024 20:11	3/9/2024 9:00	768.13	0
10393495	3/8/2024 20:11	3/9/2024 9:00	768.13	0
281235	3/8/2024 20:11	3/9/2024 9:00	768.13	0
1494722	3/8/2024 20:11	3/9/2024 9:00	768.15	0
9063373	3/8/2024 20:11	3/9/2024 9:00	768.15	0
1576533	3/8/2024 20:11	3/9/2024 9:00	768.93	0
1515678	3/8/2024 20:12	3/9/2024 9:00	767.93	0
1555268	3/8/2024 20:12	3/9/2024 9:00	767.93	0
316997	3/8/2024 20:12	3/9/2024 9:00	767.13	0
519373	3/8/2024 20:12	3/9/2024 9:00	767.13	0
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8148103	3/8/2024 20:12	3/9/2024 9:00	767.13	0
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1565203	3/8/2024 20:12	3/9/2024 9:00	767.93	0
1552154	3/8/2024 20:13	3/9/2024 9:00	766.93	0
6583289	3/8/2024 20:13	3/9/2024 9:00	766.13	0
317084	3/8/2024 20:13	3/9/2024 9:00	766.13	0
308622	3/8/2024 20:14	3/9/2024 9:00	765.13	0
449377	3/8/2024 20:14	3/8/2024 20:46	32	0
1602630	3/8/2024 20:14	3/9/2024 9:00	765.93	0
709832	3/8/2024 20:15	3/9/2024 9:00	764.83	0
1638308	3/8/2024 20:15	3/9/2024 9:00	764.93	0
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1573666	3/8/2024 20:23	3/9/2024 9:00	756.93	0
1454641	3/8/2024 20:31	3/9/2024 9:00	748.93	0
274125	3/8/2024 20:35	3/9/2024 9:00	744.13	0
274059	3/8/2024 20:38	3/9/2024 9:00	741.13	0

277301	3/8/2024 20:41	3/9/2024 9:00	738.13	0
449377	3/8/2024 20:46	3/8/2024 21:39	53	0
315730	3/8/2024 20:47	3/9/2024 9:00	732.13	0
945898	3/8/2024 20:48	3/9/2024 9:00	731.83	0
193791	3/8/2024 21:14	3/9/2024 9:00	705.13	0
449377	3/8/2024 21:39	3/8/2024 22:20	41	0
656498	3/8/2024 21:42	3/9/2024 9:00	677.83	0
449377	3/8/2024 22:20	3/8/2024 22:47	27	0
957615	3/8/2024 22:33	3/9/2024 9:00	626.27	0
449377	3/8/2024 22:47	3/9/2024 0:08	81	0
449377	3/9/2024 0:08	3/9/2024 0:35	27	0
449377	3/9/2024 0:35	3/9/2024 0:41	6	0
449377	3/9/2024 0:41	3/9/2024 0:56	15	0
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449377	3/9/2024 8:44	3/9/2024 8:54	10	0
588892	3/9/2024 8:47	3/9/2024 9:00	12.48	0
449377	3/9/2024 8:54	3/9/2024 9:00	5.48	0
7937779	3/9/2024 9:00	3/9/2024 11:01	121	0
664030	3/9/2024 9:00	3/10/2024 10:00	1499.83	0
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1352388	3/9/2024 9:00	3/10/2024 10:00	1499.15	0
1288420	3/9/2024 9:00	3/10/2024 10:00	1499.15	0
5834752	3/9/2024 9:00	3/9/2024 14:41	341	0
1701172	3/9/2024 9:00	3/9/2024 10:24	84	0
1415622	3/9/2024 9:00	3/10/2024 10:00	1499.15	0
1348731	3/9/2024 9:00	3/9/2024 14:59	359	0
675499	3/9/2024 9:00	3/10/2024 10:00	1499.83	0
1377303	3/9/2024 9:00	3/9/2024 11:57	177	0
953854	3/9/2024 9:00	3/10/2024 10:00	1499.27	0
1516786	3/9/2024 9:00	3/10/2024 10:00	1499.93	0
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319279	3/9/2024 9:00	3/10/2024 10:00	1499.13	0
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1513541	3/9/2024 9:00	3/10/2024 10:00	1499.93	0

1333801	3/9/2024 9:00	3/10/2024 10:00	1499.15	0
10714479	3/9/2024 9:00	3/10/2024 10:00	1499.93	0
7879030	3/9/2024 9:00	3/10/2024 10:00	1499.48	0
353728	3/9/2024 9:00	3/10/2024 10:00	1499.13	0
447406	3/9/2024 9:00	3/10/2024 10:00	1499.48	0
562202	3/9/2024 9:00	3/10/2024 10:00	1499.48	0
1516579	3/9/2024 9:00	3/10/2024 10:00	1499.93	0
444688	3/9/2024 9:00	3/10/2024 10:00	1499.48	0
281237	3/9/2024 9:05	3/9/2024 11:38	153	0
811953	3/9/2024 9:06	3/10/2024 10:00	1493.83	0
10222019	3/9/2024 9:06	3/10/2024 10:00	1493.15	0
202435	3/9/2024 9:07	3/10/2024 10:00	1492.13	0
1394324	3/9/2024 9:07	3/9/2024 21:03	716	0
1453263	3/9/2024 9:07	3/10/2024 10:00	1492.93	0
8724096	3/9/2024 9:07	3/10/2024 10:00	1492.15	0
8950281	3/9/2024 9:07	3/10/2024 10:00	1492.13	0
345752	3/9/2024 9:07	3/10/2024 10:00	1492.13	0
554089	3/9/2024 9:08	3/10/2024 10:00	1491.48	0
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1349083	3/9/2024 9:24	3/9/2024 11:30	126	0
1349766	3/9/2024 9:24	3/9/2024 11:30	126	0
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313954	3/9/2024 9:38	3/9/2024 10:41	63	0
1321605	3/9/2024 9:38	3/9/2024 14:27	289	0
10371797	3/9/2024 9:39	3/9/2024 10:42	63	0
664453	3/9/2024 9:39	3/9/2024 20:16	637	0
315380	3/9/2024 9:40	3/9/2024 10:38	58	0
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1641091	3/9/2024 9:42	3/9/2024 11:42	120	0
1524033	3/9/2024 9:42	3/9/2024 11:43	121	0
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314163	3/9/2024 9:42	3/9/2024 10:39	57	0
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1462990	3/9/2024 9:49	3/9/2024 20:53	664	0
501613	3/9/2024 9:50	3/9/2024 20:33	643	0
315616	3/9/2024 9:52	3/9/2024 11:42	110	0
316630	3/9/2024 9:52	3/9/2024 11:42	110	0
1604432	3/9/2024 9:53	3/9/2024 11:38	105	0
1347024	3/9/2024 9:54	3/9/2024 11:39	105	0
1518000	3/9/2024 9:54	3/9/2024 11:39	105	0
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1319739	3/9/2024 9:55	3/10/2024 10:00	1444.15	0
808829	3/9/2024 9:55	3/9/2024 14:12	257	0
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1494722	3/9/2024 10:13	3/9/2024 20:56	643	0
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588892	3/9/2024 10:16	3/9/2024 14:33	257	0
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1422300	3/9/2024 10:47	3/9/2024 10:53	6	0
1654064	3/9/2024 10:47	3/9/2024 12:00	73	0
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1422300	3/9/2024 10:53	3/9/2024 11:24	31	0
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316630	3/9/2024 11:42	3/9/2024 12:55	73	0
314163	3/9/2024 11:42	3/9/2024 12:55	73	0
1351588	3/9/2024 11:42	3/9/2024 12:55	73	0
265473	3/9/2024 11:43	3/9/2024 22:44	661	0
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449377	3/9/2024 11:46	3/9/2024 12:28	42	0
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274125	3/9/2024 11:52	3/9/2024 14:19	147	0
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1511532	3/9/2024 11:53	3/9/2024 12:09	16	0
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1508563	3/9/2024 11:56	3/9/2024 12:11	15	0
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315169	3/9/2024 12:01	3/9/2024 13:04	63	0
314188	3/9/2024 12:02	3/9/2024 13:05	63	0
1567514	3/9/2024 12:02	3/9/2024 12:18	16	0
1567316	3/9/2024 12:03	3/9/2024 12:18	15	0
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1604432	3/9/2024 12:04	3/9/2024 13:49	105	0
469018	3/9/2024 12:06	3/9/2024 13:04	58	0
1267978	3/9/2024 12:06	3/9/2024 12:53	47	0
315730	3/9/2024 12:06	3/9/2024 13:09	63	0
1511251	3/9/2024 12:09	3/9/2024 14:41	152	0
1511532	3/9/2024 12:09	3/9/2024 14:54	165	0
1508563	3/9/2024 12:11	3/9/2024 14:39	148	0
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1567316	3/9/2024 12:18	3/9/2024 13:47	89	0
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1375642	3/9/2024 12:43	3/9/2024 14:28	105	0
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10433250	3/9/2024 12:45	3/9/2024 13:43	58	0
7937779	3/9/2024 12:47	3/9/2024 14:16	89	0
1493766	3/9/2024 12:53	3/9/2024 20:53	480	0
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316630	3/9/2024 12:55	3/10/2024 10:00	1264.13	0
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312846	3/9/2024 12:56	3/10/2024 10:00	1263.13	0
315380	3/9/2024 12:56	3/9/2024 16:22	206	0
315604	3/9/2024 12:57	3/9/2024 16:25	208	0
313954	3/9/2024 12:58	3/9/2024 16:28	210	0
160073	3/9/2024 12:59	3/9/2024 15:27	148	0
1703004	3/9/2024 12:59	3/9/2024 13:57	58	0
449377	3/9/2024 12:59	3/9/2024 13:36	37	0
1346671	3/9/2024 12:59	3/9/2024 13:57	58	0
315169	3/9/2024 13:04	3/9/2024 14:49	105	0
469018	3/9/2024 13:04	3/10/2024 10:00	1255.48	0
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315730	3/9/2024 13:09	3/9/2024 14:49	100	0
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419657	3/9/2024 13:30	3/10/2024 10:00	1229.48	0
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486985	3/9/2024 13:36	3/9/2024 13:52	16	0
10433250	3/9/2024 13:43	3/9/2024 14:14	31	0
1567316	3/9/2024 13:47	3/9/2024 14:14	27	0
1604432	3/9/2024 13:49	3/9/2024 15:37	108	0
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1347024	3/9/2024 13:56	3/9/2024 14:12	16	0
1349032	3/9/2024 13:56	3/9/2024 14:11	15	0
1702936	3/9/2024 13:56	3/9/2024 14:12	16	0
1346671	3/9/2024 13:57	3/9/2024 14:12	15	0
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1190246	3/9/2024 13:57	3/9/2024 14:39	42	0

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265955	3/9/2024 14:06	3/9/2024 14:43	37	0
852125	3/9/2024 14:07	3/9/2024 14:23	16	0
486985	3/9/2024 14:08	3/10/2024 10:00	1191.48	0
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281235	3/9/2024 14:08	3/9/2024 14:24	16	0
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1347949	3/9/2024 14:10	3/9/2024 14:42	32	0
1349032	3/9/2024 14:11	3/9/2024 14:43	32	0
1307027	3/9/2024 14:11	3/9/2024 14:35	24	0
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449377	3/9/2024 14:12	3/9/2024 14:49	37	0
1348976	3/9/2024 14:12	3/9/2024 14:44	32	0
1702936	3/9/2024 14:12	3/9/2024 14:44	32	0
1346671	3/9/2024 14:12	3/9/2024 14:28	16	0
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810130	3/9/2024 14:13	3/9/2024 14:28	15	0
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1349083	3/9/2024 14:13	3/9/2024 14:45	32	0
10433250	3/9/2024 14:14	3/9/2024 14:30	16	0
1567316	3/9/2024 14:14	3/9/2024 14:45	31	0
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449036	3/9/2024 14:17	3/9/2024 14:33	16	0
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1704232	3/9/2024 14:18	3/9/2024 14:33	15	0
274125	3/9/2024 14:19	3/9/2024 14:34	15	0
1567514	3/9/2024 14:19	3/9/2024 14:35	16	0
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574596	3/9/2024 14:24	3/9/2024 14:54	30	0
281235	3/9/2024 14:24	3/9/2024 14:50	26	0
574993	3/9/2024 14:25	3/9/2024 14:51	26	0
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1701172	3/9/2024 14:25	3/9/2024 14:41	16	0
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1321605	3/9/2024 14:27	3/9/2024 14:53	26	0
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956968	3/9/2024 14:27	3/9/2024 14:59	32	0
810130	3/9/2024 14:28	3/9/2024 20:12	344	0
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416557	3/9/2024 14:30	3/9/2024 14:46	16	0
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563721	3/9/2024 14:31	3/9/2024 14:47	16	0
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957615	3/9/2024 14:31	3/9/2024 14:57	26	0
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1576533	3/9/2024 14:32	3/9/2024 14:48	16	0
7937779	3/9/2024 14:32	3/9/2024 20:52	380	0
1704232	3/9/2024 14:33	3/9/2024 20:38	365	0
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449036	3/9/2024 14:33	3/9/2024 14:49	16	0
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449377	3/9/2024 14:49	3/9/2024 15:15	26	0
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314188	3/9/2024 14:50	3/9/2024 20:44	354	0
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486693	3/9/2024 14:50	3/9/2024 20:44	354	0
487441	3/9/2024 14:51	3/9/2024 20:42	351	0

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955448	3/9/2024 14:59	3/9/2024 20:00	301	0
8734349	3/9/2024 15:00	3/10/2024 9:56	1136	0
956125	3/9/2024 15:00	3/9/2024 20:12	312	0
1346455	3/9/2024 15:00	3/10/2024 9:57	1137	0
253877	3/9/2024 15:01	3/9/2024 15:06	5	0
1350597	3/9/2024 15:01	3/10/2024 9:56	1135	0
1348731	3/9/2024 15:04	3/10/2024 10:00	1135.15	0
49209	3/9/2024 15:04	3/9/2024 20:53	349	0
1565203	3/9/2024 15:04	3/9/2024 21:03	359	0
47769	3/9/2024 15:05	3/9/2024 20:49	344	0
588892	3/9/2024 15:05	3/9/2024 20:22	317	0
1412757	3/9/2024 15:06	3/9/2024 15:22	16	0

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1524033	3/9/2024 15:13	3/9/2024 20:51	338	0
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10433250	3/9/2024 15:18	3/9/2024 20:56	338	0
1650561	3/9/2024 15:19	3/9/2024 20:26	307	0
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277301	3/9/2024 15:35	3/9/2024 21:01	326	0
449377	3/9/2024 15:36	3/9/2024 16:18	42	0
277818	3/9/2024 15:36	3/9/2024 20:54	318	0
1604432	3/9/2024 15:37	3/9/2024 20:59	322	0
1346410	3/9/2024 15:41	3/9/2024 16:13	32	0
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1378582	3/9/2024 15:46	3/9/2024 20:53	307	0
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1307027	3/9/2024 15:53	3/10/2024 10:00	1086.15	0
317797	3/9/2024 15:54	3/9/2024 20:55	301	0
317233	3/9/2024 15:57	3/9/2024 20:48	291	0
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1350104	3/9/2024 16:11	3/9/2024 20:51	280	0
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449377	3/9/2024 16:18	3/9/2024 17:00	42	0
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314163	3/9/2024 16:25	3/9/2024 20:55	270	0
313954	3/9/2024 16:28	3/9/2024 20:58	270	0
1493132	3/9/2024 16:29	3/9/2024 20:59	270	0
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449377	3/9/2024 17:37	3/9/2024 18:45	68	0
449377	3/9/2024 18:45	3/9/2024 20:32	107	0
1701172	3/9/2024 18:53	3/10/2024 9:53	900	0
1321605	3/9/2024 18:54	3/10/2024 9:23	869	0
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955448	3/9/2024 20:00	3/10/2024 10:00	839.27	0
989956	3/9/2024 20:00	3/10/2024 10:00	839.27	0
956968	3/9/2024 20:00	3/10/2024 10:00	839.27	0

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957216	3/9/2024 20:02	3/10/2024 10:00	837.27	0
816722	3/9/2024 20:07	3/10/2024 10:00	832.83	0
1654064	3/9/2024 20:11	3/10/2024 10:00	828.27	0
956125	3/9/2024 20:12	3/10/2024 10:00	827.27	0
810130	3/9/2024 20:12	3/10/2024 10:00	827.83	0
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852125	3/9/2024 20:17	3/10/2024 10:00	822.83	0
817825	3/9/2024 20:17	3/10/2024 10:00	822.83	0
1664433	3/9/2024 20:18	3/10/2024 10:00	821.83	0
1251782	3/9/2024 20:18	3/10/2024 10:00	821.83	0
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808829	3/9/2024 20:22	3/10/2024 10:00	817.83	0
160073	3/9/2024 20:23	3/10/2024 10:00	816.27	0
1393699	3/9/2024 20:24	3/10/2024 9:26	782	0
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416557	3/9/2024 20:29	3/10/2024 10:00	810.48	0
417158	3/9/2024 20:30	3/10/2024 10:00	809.48	0
563721	3/9/2024 20:30	3/10/2024 10:00	809.48	0
571143	3/9/2024 20:30	3/10/2024 10:00	809.48	0
564518	3/9/2024 20:30	3/10/2024 10:00	809.48	0
1415828	3/9/2024 20:31	3/10/2024 10:00	808.15	0
957615	3/9/2024 20:31	3/10/2024 10:00	808.27	0
449377	3/9/2024 20:32	3/9/2024 20:48	16	0
553863	3/9/2024 20:32	3/10/2024 10:00	807.48	0
1349766	3/9/2024 20:32	3/10/2024 10:00	807.15	0
510307	3/9/2024 20:33	3/10/2024 10:00	806.48	0
501613	3/9/2024 20:33	3/10/2024 10:00	806.48	0
1446401	3/9/2024 20:35	3/10/2024 10:00	804.93	0
1267978	3/9/2024 20:35	3/10/2024 9:37	782	0
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8486022	3/9/2024 20:36	3/10/2024 10:00	803.93	0
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418876	3/9/2024 20:37	3/10/2024 10:00	802.48	0
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1704232	3/9/2024 20:38	3/10/2024 10:00	801.15	0
197690	3/9/2024 20:38	3/10/2024 10:00	801.13	0
1599209	3/9/2024 20:39	3/10/2024 10:00	800.93	0
264379	3/9/2024 20:39	3/10/2024 10:00	800.13	0
415949	3/9/2024 20:39	3/10/2024 10:00	800.48	0
1347014	3/9/2024 20:40	3/10/2024 10:00	799.15	0
511266	3/9/2024 20:40	3/10/2024 10:00	799.48	0
8972545	3/9/2024 20:41	3/10/2024 10:00	798.48	0
1347949	3/9/2024 20:41	3/10/2024 10:00	798.15	0
196408	3/9/2024 20:42	3/10/2024 10:00	797.13	0
1597556	3/9/2024 20:42	3/10/2024 10:00	797.93	0
487441	3/9/2024 20:42	3/10/2024 10:00	797.48	0

1703004	3/9/2024 20:43	3/10/2024 10:00	796.15	0
553755	3/9/2024 20:43	3/10/2024 10:00	796.48	0
315169	3/9/2024 20:43	3/10/2024 10:00	796.13	0
507365	3/9/2024 20:43	3/10/2024 10:00	796.48	0
197883	3/9/2024 20:44	3/10/2024 10:00	795.13	0
1412757	3/9/2024 20:44	3/10/2024 10:00	795.15	0
1348044	3/9/2024 20:44	3/10/2024 10:00	795.15	0
1347943	3/9/2024 20:44	3/10/2024 10:00	795.15	0
1349177	3/9/2024 20:44	3/10/2024 10:00	795.15	0
8068454	3/9/2024 20:44	3/10/2024 10:00	795.48	0
314188	3/9/2024 20:44	3/10/2024 10:00	795.13	0
486693	3/9/2024 20:44	3/10/2024 10:00	795.48	0
401447	3/9/2024 20:45	3/10/2024 10:00	794.48	0
328408	3/9/2024 20:45	3/10/2024 10:00	794.13	0
5834752	3/9/2024 20:45	3/10/2024 10:00	794.13	0
315604	3/9/2024 20:45	3/10/2024 10:00	794.13	0
7097388	3/9/2024 20:46	3/10/2024 10:00	793.15	0
314564	3/9/2024 20:47	3/10/2024 10:00	792.13	0
574596	3/9/2024 20:47	3/10/2024 10:00	792.48	0
12376755	3/9/2024 20:47	3/10/2024 10:00	792.15	0
274059	3/9/2024 20:48	3/10/2024 10:00	791.13	0
449036	3/9/2024 20:48	3/10/2024 10:00	791.48	0
317233	3/9/2024 20:48	3/10/2024 9:56	788	0
1190246	3/9/2024 20:48	3/10/2024 10:00	791.15	0
8511715	3/9/2024 20:48	3/10/2024 10:00	791.13	0
449377	3/9/2024 20:48	3/9/2024 21:34	46	0
1704779	3/9/2024 20:48	3/10/2024 10:00	791.15	0
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47769	3/9/2024 20:49	3/10/2024 10:00	790.13	0
1445317	3/9/2024 20:50	3/10/2024 8:11	681	0
645339	3/9/2024 20:50	3/10/2024 10:00	789.48	0
276488	3/9/2024 20:50	3/10/2024 10:00	789.13	0
4173986	3/9/2024 20:50	3/10/2024 10:00	789.13	0
1524033	3/9/2024 20:51	3/10/2024 9:53	782	0
1414392	3/9/2024 20:51	3/10/2024 10:00	788.15	0
1332906	3/9/2024 20:51	3/10/2024 10:00	788.15	0
281237	3/9/2024 20:51	3/10/2024 10:00	788.13	0
1349502	3/9/2024 20:51	3/10/2024 9:26	755	0
1368745	3/9/2024 20:51	3/10/2024 10:00	788.15	0
1350104	3/9/2024 20:51	3/10/2024 9:09	738	0
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1077082	3/9/2024 20:52	3/10/2024 10:00	787.48	0
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1493766	3/9/2024 20:53	3/10/2024 10:00	786.15	0
1462990	3/9/2024 20:53	3/10/2024 10:00	786.93	0

56196	3/9/2024 20:53	3/10/2024 10:00	786.13	0
1347024	3/9/2024 20:53	3/10/2024 10:00	786.15	0
1348976	3/9/2024 20:53	3/10/2024 10:00	786.15	0
1518000	3/9/2024 20:53	3/10/2024 10:00	786.93	0
1347888	3/9/2024 20:53	3/10/2024 10:00	786.15	0
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1702936	3/9/2024 20:53	3/10/2024 10:00	786.15	0
281332	3/9/2024 20:53	3/10/2024 10:00	786.13	0
1351588	3/9/2024 20:53	3/10/2024 8:40	707	0
353651	3/9/2024 20:53	3/10/2024 10:00	786.13	0
1378582	3/9/2024 20:53	3/10/2024 10:00	786.15	0
49209	3/9/2024 20:53	3/10/2024 10:00	786.13	0
277818	3/9/2024 20:54	3/10/2024 10:00	785.13	0
1556486	3/9/2024 20:54	3/10/2024 10:00	785.93	0
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1514004	3/9/2024 20:54	3/10/2024 10:00	785.93	0
315730	3/9/2024 20:54	3/10/2024 10:00	785.13	0
1346671	3/9/2024 20:54	3/10/2024 9:55	781	0
344641	3/9/2024 20:54	3/10/2024 10:00	785.13	0
345394	3/9/2024 20:54	3/10/2024 10:00	785.13	0
1513240	3/9/2024 20:54	3/10/2024 10:00	785.93	0
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315380	3/9/2024 20:54	3/10/2024 10:00	785.13	0
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314163	3/9/2024 20:55	3/10/2024 10:00	784.13	0
1513398	3/9/2024 20:55	3/10/2024 10:00	784.93	0
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317797	3/9/2024 20:55	3/10/2024 9:52	777	0
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1494722	3/9/2024 20:56	3/10/2024 9:28	752	0
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10433250	3/9/2024 20:56	3/10/2024 10:00	783.15	0
265955	3/9/2024 20:56	3/10/2024 10:00	783.13	0
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1511251	3/9/2024 20:57	3/10/2024 10:00	782.93	0
12682110	3/9/2024 20:57	3/10/2024 10:00	782.93	0
1508563	3/9/2024 20:57	3/10/2024 10:00	782.93	0
1349032	3/9/2024 20:58	3/10/2024 10:00	781.15	0
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313954	3/9/2024 20:58	3/10/2024 10:00	781.13	0
1537992	3/9/2024 20:58	3/10/2024 10:00	781.93	0
1493132	3/9/2024 20:59	3/10/2024 10:00	780.15	0
1537541	3/9/2024 20:59	3/10/2024 10:00	780.93	0

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1514256	3/9/2024 20:59	3/10/2024 10:00	780.93	0
313731	3/9/2024 20:59	3/10/2024 10:00	780.13	0
1537447	3/9/2024 21:00	3/10/2024 10:00	779.93	0
1515964	3/9/2024 21:00	3/10/2024 10:00	779.93	0
1465391	3/9/2024 21:00	3/10/2024 10:00	779.93	0
1567514	3/9/2024 21:00	3/10/2024 10:00	779.93	0
10659831	3/9/2024 21:00	3/10/2024 10:00	779.93	0
1417138	3/9/2024 21:00	3/10/2024 9:35	755	0
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277301	3/9/2024 21:01	3/10/2024 10:00	778.13	0
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1537547	3/9/2024 21:02	3/10/2024 10:00	777.93	0
1394324	3/9/2024 21:03	3/10/2024 9:34	751	0
1565203	3/9/2024 21:03	3/10/2024 10:00	776.93	0
1375642	3/9/2024 21:04	3/10/2024 10:00	775.15	0
9063373	3/9/2024 21:04	3/10/2024 9:34	750	0
1511532	3/9/2024 21:04	3/10/2024 10:00	775.93	0
1469270	3/9/2024 21:05	3/10/2024 9:10	725	0
1576533	3/9/2024 21:08	3/10/2024 10:00	771.93	0
274125	3/9/2024 21:11	3/10/2024 10:00	768.13	0
449377	3/9/2024 21:34	3/9/2024 22:32	58	0
449377	3/9/2024 22:32	3/9/2024 23:40	68	0
265473	3/9/2024 22:44	3/10/2024 10:00	675.13	0
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449377	3/10/2024 2:44	3/10/2024 3:05	21	0
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449377	3/10/2024 4:23	3/10/2024 5:26	63	0
449377	3/10/2024 5:26	3/10/2024 5:42	16	0
449377	3/10/2024 5:42	3/10/2024 6:08	26	0
449377	3/10/2024 6:08	3/10/2024 6:29	21	0
449377	3/10/2024 6:29	3/10/2024 7:06	37	0
449377	3/10/2024 7:06	3/10/2024 8:03	57	0
449377	3/10/2024 8:03	3/10/2024 8:19	16	0
1445317	3/10/2024 8:11	3/10/2024 10:00	108.93	0
449377	3/10/2024 8:19	3/10/2024 9:01	42	0
1351588	3/10/2024 8:40	3/10/2024 10:00	79.15	0
449377	3/10/2024 9:01	3/10/2024 9:28	27	0

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1469270	3/10/2024 9:10	3/10/2024 10:00	49.93	0
1469850	3/10/2024 9:14	3/10/2024 10:00	45.93	0
574993	3/10/2024 9:21	3/10/2024 9:37	16	0
1321605	3/10/2024 9:23	3/10/2024 10:00	36.15	0.12
1348444	3/10/2024 9:24	3/10/2024 10:00	35.15	0
1522301	3/10/2024 9:25	3/10/2024 10:00	34.93	0
1349502	3/10/2024 9:26	3/10/2024 10:00	33.15	0
1393699	3/10/2024 9:26	3/10/2024 10:00	33.15	0
449377	3/10/2024 9:28	3/10/2024 10:00	31.48	0
1494722	3/10/2024 9:28	3/10/2024 10:00	31.15	0
588892	3/10/2024 9:33	3/10/2024 10:00	26.48	0
1394324	3/10/2024 9:34	3/10/2024 10:00	25.15	0
9063373	3/10/2024 9:34	3/10/2024 10:00	25.15	0
1417138	3/10/2024 9:35	3/10/2024 10:00	24.15	0
1267978	3/10/2024 9:37	3/10/2024 10:00	22.27	0
574993	3/10/2024 9:37	3/10/2024 9:52	15	0
1523524	3/10/2024 9:40	3/10/2024 10:00	19.93	0
1641091	3/10/2024 9:41	3/10/2024 10:00	18.93	0
552210	3/10/2024 9:41	3/10/2024 10:00	18.48	0
1430294	3/10/2024 9:48	3/10/2024 10:00	11.93	0
859747	3/10/2024 9:51	3/10/2024 10:00	8.83	0
574993	3/10/2024 9:52	3/10/2024 10:00	7.48	0
317797	3/10/2024 9:52	3/10/2024 10:00	7.13	0
1701172	3/10/2024 9:53	3/10/2024 10:00	6.15	0
1320008	3/10/2024 9:53	3/10/2024 10:00	6.15	0
1349605	3/10/2024 9:53	3/10/2024 10:00	6.15	0
1524033	3/10/2024 9:53	3/10/2024 10:00	6.93	0
860281	3/10/2024 9:54	3/10/2024 10:00	5.83	0
1349542	3/10/2024 9:54	3/10/2024 10:00	5.15	0
1351539	3/10/2024 9:54	3/10/2024 10:00	5.15	0
1350499	3/10/2024 9:54	3/10/2024 10:00	5.15	0
1349338	3/10/2024 9:54	3/10/2024 10:00	5.15	0
1346665	3/10/2024 9:54	3/10/2024 10:00	5.15	0
664453	3/10/2024 9:55	3/10/2024 10:00	4.83	0
1346410	3/10/2024 9:55	3/10/2024 10:00	4.15	0
1348780	3/10/2024 9:55	3/10/2024 10:00	4.15	0
1346671	3/10/2024 9:55	3/10/2024 10:00	4.15	0
1348773	3/10/2024 9:56	3/10/2024 10:00	3.15	0
317233	3/10/2024 9:56	3/10/2024 10:00	3.13	0
8734349	3/10/2024 9:56	3/10/2024 10:00	3.15	0
1350597	3/10/2024 9:56	3/10/2024 10:00	3.15	0
1346455	3/10/2024 9:57	3/10/2024 10:00	2.15	0
1469866	3/10/2024 9:57	3/10/2024 10:00	2.93	0
1468500	3/10/2024 9:58	3/10/2024 10:00	1.93	0
1350975	3/10/2024 9:58	3/10/2024 10:00	1.15	0
319279	3/10/2024 10:00	3/11/2024 10:00	1439.13	0

315730	3/10/2024 10:00	3/10/2024 11:48	108	0
955448	3/10/2024 10:00	3/10/2024 14:27	267	0
1288420	3/10/2024 10:00	3/11/2024 8:23	1343	0
7879030	3/10/2024 10:00	3/11/2024 10:00	1439.48	0
1413046	3/10/2024 10:00	3/11/2024 10:00	1439.15	0
8950281	3/10/2024 10:00	3/11/2024 10:00	1439.13	0
253877	3/10/2024 10:00	3/11/2024 10:00	1439.13	0
202435	3/10/2024 10:00	3/11/2024 10:00	1439.13	0
1453263	3/10/2024 10:00	3/10/2024 15:09	309	0
675499	3/10/2024 10:00	3/11/2024 10:00	1439.83	0
953854	3/10/2024 10:00	3/11/2024 10:00	1439.27	0
10222019	3/10/2024 10:00	3/11/2024 10:00	1439.15	0
10714479	3/10/2024 10:00	3/11/2024 10:00	1439.93	0
345752	3/10/2024 10:00	3/11/2024 10:00	1439.13	0
8724096	3/10/2024 10:00	3/11/2024 10:00	1439.15	0
1516786	3/10/2024 10:00	3/11/2024 10:00	1439.93	0
1701172	3/10/2024 10:00	3/10/2024 11:54	114	0
447406	3/10/2024 10:00	3/10/2024 11:49	109	0
1368580	3/10/2024 10:00	3/10/2024 14:58	298	0
574993	3/10/2024 10:00	3/10/2024 11:06	66	0
9063373	3/10/2024 10:00	3/10/2024 21:18	678	0
1352388	3/10/2024 10:00	3/11/2024 10:00	1439.15	0
56196	3/10/2024 10:00	3/10/2024 21:12	672	0
444688	3/10/2024 10:00	3/11/2024 10:00	1439.48	0.01
315169	3/10/2024 10:00	3/10/2024 11:50	110	0
554089	3/10/2024 10:00	3/11/2024 10:00	1439.48	0
1348731	3/10/2024 10:00	3/11/2024 10:00	1439.15	0
353728	3/10/2024 10:00	3/11/2024 9:59	1439	0
1516579	3/10/2024 10:00	3/11/2024 10:00	1439.93	0
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1417279	3/10/2024 10:04	3/10/2024 11:38	94	0
1377303	3/10/2024 10:06	3/10/2024 14:09	243	0
314188	3/10/2024 10:06	3/10/2024 11:50	104	0
1417138	3/10/2024 10:07	3/10/2024 11:36	89	0
562202	3/10/2024 10:07	3/11/2024 10:00	1432.48	0
1604432	3/10/2024 10:07	3/10/2024 11:36	89	0
1422300	3/10/2024 10:07	3/11/2024 10:00	1432.15	0
1366197	3/10/2024 10:07	3/11/2024 10:00	1432.15	0
811953	3/10/2024 10:07	3/11/2024 10:00	1432.83	0
7937779	3/10/2024 10:08	3/10/2024 11:48	100	0
664030	3/10/2024 10:08	3/11/2024 10:00	1431.83	0
96751	3/10/2024 10:08	3/11/2024 10:00	1431.13	0
1513541	3/10/2024 10:08	3/11/2024 10:00	1431.93	0
12376755	3/10/2024 10:09	3/10/2024 15:24	315	0.27
1320008	3/10/2024 10:09	3/10/2024 11:54	105	0.09
1511251	3/10/2024 10:09	3/10/2024 21:06	657	0
1524033	3/10/2024 10:09	3/10/2024 21:16	667	0.81

1468500	3/10/2024 10:09	3/10/2024 11:59	110	0
1349605	3/10/2024 10:09	3/10/2024 21:11	662	0.18
1349244	3/10/2024 10:10	3/10/2024 20:55	645	0.25
1445317	3/10/2024 10:10	3/10/2024 21:11	661	0
1351539	3/10/2024 10:10	3/10/2024 21:16	666	0.18
1346665	3/10/2024 10:10	3/10/2024 21:09	659	0.06
1349542	3/10/2024 10:10	3/10/2024 20:56	646	0
1350499	3/10/2024 10:10	3/10/2024 21:01	651	0
1349338	3/10/2024 10:10	3/10/2024 21:06	656	0
1321605	3/10/2024 10:10	3/10/2024 11:55	105	0
1348780	3/10/2024 10:11	3/10/2024 21:12	661	0.2
8734349	3/10/2024 10:11	3/10/2024 21:13	662	0.12
1469850	3/10/2024 10:11	3/10/2024 11:56	105	0
552210	3/10/2024 10:11	3/10/2024 21:08	657	0
1350597	3/10/2024 10:11	3/10/2024 21:02	651	0.25
1511264	3/10/2024 10:11	3/10/2024 21:29	678	0.22
1523524	3/10/2024 10:12	3/10/2024 21:13	661	1.28
1348444	3/10/2024 10:13	3/10/2024 21:04	651	0.01
1350104	3/10/2024 10:13	3/10/2024 17:29	436	0
1348773	3/10/2024 10:13	3/10/2024 20:59	646	0.12
957615	3/10/2024 10:14	3/10/2024 14:00	226	0
1494722	3/10/2024 10:14	3/10/2024 21:15	661	0.09
1351588	3/10/2024 10:14	3/10/2024 17:29	435	0
1641091	3/10/2024 10:14	3/10/2024 21:21	667	0.2
1350975	3/10/2024 10:15	3/10/2024 21:01	646	0
1346455	3/10/2024 10:15	3/10/2024 21:06	651	0.5
1393699	3/10/2024 10:15	3/10/2024 20:57	642	0
664453	3/10/2024 10:15	3/10/2024 21:03	648	0
1469270	3/10/2024 10:16	3/10/2024 11:56	100	0
1307027	3/10/2024 10:16	3/10/2024 15:25	309	0
1469866	3/10/2024 10:17	3/10/2024 11:56	99	0
1349502	3/10/2024 10:17	3/10/2024 21:14	657	0.11
274059	3/10/2024 10:18	3/10/2024 12:13	115	0
1251782	3/10/2024 10:18	3/10/2024 21:14	656	0
1414392	3/10/2024 10:20	3/10/2024 21:11	651	0.04
449377	3/10/2024 10:20	3/10/2024 11:02	42	0
449036	3/10/2024 10:20	3/10/2024 11:50	90	0.29
1430294	3/10/2024 10:20	3/10/2024 21:11	651	0.13
1415828	3/10/2024 10:21	3/10/2024 21:01	640	0.03
274125	3/10/2024 10:21	3/10/2024 12:14	113	0.09
264379	3/10/2024 10:21	3/10/2024 21:03	642	0
658658	3/10/2024 10:23	3/10/2024 20:58	635	0.08
656343	3/10/2024 10:23	3/10/2024 20:57	634	0
1446401	3/10/2024 10:25	3/10/2024 20:58	633	0.14
8486022	3/10/2024 10:26	3/10/2024 21:01	635	0
956968	3/10/2024 10:26	3/10/2024 14:28	242	0
1650561	3/10/2024 10:29	3/10/2024 11:01	32	0

416557	3/10/2024 10:29	3/10/2024 11:48	79	0
160073	3/10/2024 10:30	3/10/2024 14:26	236	0
816722	3/10/2024 10:32	3/10/2024 21:08	636	0
197690	3/10/2024 10:34	3/10/2024 20:55	621	0.17
196408	3/10/2024 10:35	3/10/2024 20:54	619	0.22
859747	3/10/2024 10:35	3/10/2024 11:43	68	0
12682110	3/10/2024 10:36	3/10/2024 11:08	32	0
817825	3/10/2024 10:36	3/10/2024 21:09	633	0
197883	3/10/2024 10:36	3/10/2024 21:06	630	0.6
10659831	3/10/2024 10:36	3/10/2024 11:06	30	0
574596	3/10/2024 10:38	3/10/2024 14:08	210	0
317797	3/10/2024 10:39	3/10/2024 21:07	628	0
1466357	3/10/2024 10:40	3/10/2024 11:58	78	0
317233	3/10/2024 10:40	3/10/2024 21:03	623	0.33
1307575	3/10/2024 10:40	3/10/2024 20:54	614	0.17
1311232	3/10/2024 10:41	3/10/2024 20:55	614	0
564518	3/10/2024 10:41	3/10/2024 11:39	58	0
860281	3/10/2024 10:42	3/10/2024 11:39	57	0
1518000	3/10/2024 10:42	3/10/2024 21:07	625	0.04
415949	3/10/2024 10:44	3/10/2024 11:47	63	0
47769	3/10/2024 10:44	3/10/2024 21:09	625	0.43
49209	3/10/2024 10:46	3/10/2024 21:11	625	0
1704232	3/10/2024 10:46	3/10/2024 21:01	615	0.87
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1190246	3/10/2024 10:54	3/10/2024 13:57	183	0
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449377	3/10/2024 11:02	3/10/2024 11:54	52	0
588892	3/10/2024 11:02	3/10/2024 13:45	163	0
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1431804	3/10/2024 11:04	3/10/2024 21:13	609	0
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574993	3/10/2024 11:06	3/10/2024 14:10	184	0
1664433	3/10/2024 11:06	3/10/2024 15:38	272	0
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127206	3/10/2024 11:08	3/11/2024 10:00	1371.13	0
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353651	3/10/2024 11:13	3/10/2024 21:01	588	0.07
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415195	3/10/2024 11:18	3/10/2024 21:25	607	0.04
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1515678	3/10/2024 11:20	3/10/2024 11:35	15	0
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1556434	3/10/2024 11:22	3/10/2024 21:16	594	0.09
1267978	3/10/2024 11:22	3/10/2024 15:54	272	0
658177	3/10/2024 11:25	3/10/2024 21:02	577	0
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1515964	3/10/2024 11:35	3/10/2024 21:13	578	0.83
1515678	3/10/2024 11:35	3/10/2024 14:50	195	0.14
1514004	3/10/2024 11:35	3/10/2024 14:49	194	0.42
252922	3/10/2024 11:36	3/10/2024 21:13	577	0.77
1604432	3/10/2024 11:36	3/10/2024 14:51	195	0.63
1417138	3/10/2024 11:36	3/10/2024 16:20	284	0
259674	3/10/2024 11:36	3/10/2024 13:21	105	0
260516	3/10/2024 11:36	3/10/2024 21:16	580	0.86
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860281	3/10/2024 11:39	3/10/2024 11:50	11	0
10433250	3/10/2024 11:43	3/10/2024 11:59	16	0
859747	3/10/2024 11:43	3/10/2024 11:53	10	0
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416557	3/10/2024 11:48	3/10/2024 14:31	163	0
7937779	3/10/2024 11:48	3/10/2024 11:58	10	0
447406	3/10/2024 11:49	3/10/2024 21:11	562	0.14
10393495	3/10/2024 11:49	3/10/2024 14:06	137	0
8434548	3/10/2024 11:49	3/10/2024 13:02	73	0.47
315169	3/10/2024 11:50	3/10/2024 13:04	74	0
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314188	3/10/2024 11:50	3/10/2024 13:03	73	0
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449377	3/10/2024 11:54	3/10/2024 12:52	58	0
1321605	3/10/2024 11:55	3/10/2024 12:27	32	0
1469270	3/10/2024 11:56	3/10/2024 14:28	152	0
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1469850	3/10/2024 11:56	3/10/2024 14:28	152	0
1466357	3/10/2024 11:58	3/10/2024 14:26	148	0
1463520	3/10/2024 11:58	3/10/2024 16:57	299	0
7937779	3/10/2024 11:58	3/10/2024 12:45	47	0
1468500	3/10/2024 11:59	3/10/2024 14:26	147	0
10433250	3/10/2024 11:59	3/10/2024 12:46	47	0.1
1378273	3/10/2024 12:00	3/10/2024 12:47	47	0
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1378582	3/10/2024 12:01	3/10/2024 21:08	547	0.02
1493132	3/10/2024 12:02	3/10/2024 12:44	42	0.04
456048	3/10/2024 12:03	3/10/2024 14:20	137	0
456084	3/10/2024 12:05	3/10/2024 14:16	131	0
8068454	3/10/2024 12:08	3/10/2024 21:15	547	0
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274059	3/10/2024 12:13	3/10/2024 14:44	151	0.07
274125	3/10/2024 12:14	3/10/2024 14:45	151	0.18
1565203	3/10/2024 12:17	3/10/2024 14:33	136	0
1321114	3/10/2024 12:24	3/10/2024 14:41	137	0
1320008	3/10/2024 12:25	3/10/2024 14:10	105	0
1320619	3/10/2024 12:25	3/10/2024 14:41	136	0
1320646	3/10/2024 12:25	3/10/2024 14:42	137	0
1701172	3/10/2024 12:25	3/10/2024 14:10	105	0
1321605	3/10/2024 12:27	3/10/2024 13:40	73	0

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1493132	3/10/2024 12:44	3/10/2024 13:47	63	0.01
7937779	3/10/2024 12:45	3/10/2024 16:17	212	0
10433250	3/10/2024 12:46	3/10/2024 13:44	58	0.02
1378273	3/10/2024 12:47	3/11/2024 10:00	1272.15	0
449377	3/10/2024 12:52	3/10/2024 13:39	47	0
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8434548	3/10/2024 13:02	3/10/2024 21:11	489	0.57
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1321605	3/10/2024 13:40	3/10/2024 14:12	32	0
265955	3/10/2024 13:41	3/10/2024 15:10	89	0
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588892	3/10/2024 13:45	3/10/2024 21:06	441	0.03
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281235	3/10/2024 14:08	3/10/2024 15:06	58	0
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574993	3/10/2024 14:10	3/10/2024 14:26	16	0
1701172	3/10/2024 14:10	3/10/2024 14:26	16	0
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574596	3/10/2024 14:23	3/10/2024 14:38	15	0
1321605	3/10/2024 14:23	3/10/2024 14:38	15	0.02
1468500	3/10/2024 14:26	3/10/2024 21:10	404	0
574993	3/10/2024 14:26	3/10/2024 14:36	10	0

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1515733	3/10/2024 14:27	3/10/2024 21:11	404	0.07
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955448	3/10/2024 14:27	3/10/2024 20:55	388	0
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957615	3/10/2024 14:31	3/10/2024 14:42	11	0
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456084	3/10/2024 14:32	3/10/2024 14:48	16	0
449036	3/10/2024 14:32	3/10/2024 14:48	16	0.03
957216	3/10/2024 14:32	3/10/2024 21:05	393	0
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574993	3/10/2024 14:36	3/10/2024 21:15	399	0
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1701172	3/10/2024 14:41	3/10/2024 20:54	373	0
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1320619	3/10/2024 14:41	3/10/2024 21:05	384	0
1321114	3/10/2024 14:41	3/10/2024 21:09	388	0
1320646	3/10/2024 14:42	3/10/2024 21:10	388	0.17
954332	3/10/2024 14:42	3/10/2024 20:50	368	0
957615	3/10/2024 14:42	3/11/2024 0:01	559	0
564518	3/10/2024 14:43	3/10/2024 21:11	388	0
1469270	3/10/2024 14:44	3/10/2024 21:18	394	0
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274059	3/10/2024 14:44	3/10/2024 14:49	5	0
956968	3/10/2024 14:44	3/10/2024 21:07	383	0
1465391	3/10/2024 14:44	3/10/2024 21:13	389	0.07

274125	3/10/2024 14:45	3/10/2024 14:50	5	0
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1320008	3/10/2024 14:46	3/10/2024 21:03	377	0
954637	3/10/2024 14:46	3/10/2024 20:58	372	0
416557	3/10/2024 14:47	3/10/2024 20:59	372	0
449036	3/10/2024 14:48	3/10/2024 21:06	378	0.1
456084	3/10/2024 14:48	3/10/2024 21:02	374	0
314188	3/10/2024 14:48	3/10/2024 21:12	384	0
449377	3/10/2024 14:48	3/10/2024 15:14	26	0
1514004	3/10/2024 14:49	3/10/2024 21:07	378	0
1565203	3/10/2024 14:49	3/10/2024 21:12	383	0.18
274059	3/10/2024 14:49	3/10/2024 21:01	372	0.11
1464949	3/10/2024 14:50	3/10/2024 21:18	388	0
274125	3/10/2024 14:50	3/10/2024 21:07	377	0
1515678	3/10/2024 14:50	3/10/2024 21:13	383	0
1604432	3/10/2024 14:51	3/10/2024 20:48	357	0
1463218	3/10/2024 14:51	3/10/2024 21:09	378	0
1332906	3/10/2024 14:52	3/10/2024 20:54	362	0.08
315730	3/10/2024 14:52	3/10/2024 21:15	383	0.08
315169	3/10/2024 14:52	3/10/2024 21:13	381	0
21306	3/10/2024 14:58	3/10/2024 21:05	367	0
1704779	3/10/2024 14:58	3/10/2024 20:55	357	0
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41508	3/10/2024 15:01	3/10/2024 21:09	368	0
446329	3/10/2024 15:03	3/10/2024 15:20	17	0
469018	3/10/2024 15:05	3/10/2024 21:02	357	0
4173986	3/10/2024 15:06	3/10/2024 20:58	352	0.19
445867	3/10/2024 15:06	3/10/2024 15:21	15	0
281235	3/10/2024 15:06	3/10/2024 21:13	367	0
277301	3/10/2024 15:07	3/10/2024 21:14	367	0
276488	3/10/2024 15:08	3/10/2024 21:10	362	0.86
277818	3/10/2024 15:09	3/10/2024 21:06	357	0
1453263	3/10/2024 15:09	3/10/2024 21:16	367	0
658642	3/10/2024 15:10	3/10/2024 21:08	358	0.04
265955	3/10/2024 15:10	3/10/2024 15:26	16	0
1685329	3/10/2024 15:10	3/10/2024 21:12	362	0.16
449377	3/10/2024 15:14	3/10/2024 15:30	16	0
1513398	3/10/2024 15:18	3/10/2024 21:10	352	0
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10433250	3/10/2024 15:45	3/10/2024 21:05	320	0
1493132	3/10/2024 15:48	3/10/2024 16:14	26	0.11
265473	3/10/2024 15:50	3/10/2024 21:12	322	0
1650561	3/10/2024 15:50	3/10/2024 21:00	310	0
449377	3/10/2024 15:51	3/10/2024 16:17	26	0
1190246	3/10/2024 15:53	3/10/2024 21:13	320	0
1377303	3/10/2024 15:54	3/10/2024 21:17	323	0
1267978	3/10/2024 15:54	3/10/2024 21:01	307	0
563241	3/10/2024 15:55	3/10/2024 21:04	309	0
562856	3/10/2024 15:57	3/10/2024 21:17	320	0
1493132	3/10/2024 16:14	3/10/2024 16:30	16	0
449377	3/10/2024 16:17	3/10/2024 17:15	58	0
7937779	3/10/2024 16:17	3/10/2024 21:11	294	0
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449377	3/10/2024 17:15	3/10/2024 18:13	58	0
1350104	3/10/2024 17:29	3/10/2024 21:10	221	0
1351588	3/10/2024 17:29	3/10/2024 21:15	226	0
449377	3/10/2024 18:13	3/10/2024 18:49	36	0
1376158	3/10/2024 18:18	3/10/2024 21:16	178	0
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449377	3/10/2024 19:51	3/10/2024 21:06	75	0
265955	3/10/2024 20:29	3/11/2024 10:00	810.13	0
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1604432	3/10/2024 20:48	3/11/2024 9:45	777	0
7097388	3/10/2024 20:50	3/11/2024 10:00	789.15	0
954332	3/10/2024 20:50	3/11/2024 10:00	789.27	0
1307575	3/10/2024 20:54	3/11/2024 10:00	785.15	0
1332906	3/10/2024 20:54	3/11/2024 10:00	785.15	0
196408	3/10/2024 20:54	3/11/2024 10:00	785.13	0
1701172	3/10/2024 20:54	3/11/2024 9:27	753	0
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160073	3/10/2024 20:55	3/11/2024 10:00	784.27	0
197690	3/10/2024 20:55	3/11/2024 10:00	784.13	0
1311232	3/10/2024 20:55	3/11/2024 10:00	784.15	0
1704779	3/10/2024 20:55	3/11/2024 10:00	784.15	0
955448	3/10/2024 20:55	3/11/2024 10:00	784.27	0
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1349542	3/10/2024 20:56	3/11/2024 10:00	783.15	0
1393699	3/10/2024 20:57	3/11/2024 9:42	765	0
656343	3/10/2024 20:57	3/11/2024 10:00	782.83	0

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4173986	3/10/2024 20:58	3/11/2024 10:00	781.13	0
658658	3/10/2024 20:58	3/11/2024 10:00	781.83	0
416557	3/10/2024 20:59	3/11/2024 10:00	780.48	0
1348773	3/10/2024 20:59	3/11/2024 10:00	780.15	0
1650561	3/10/2024 21:00	3/11/2024 10:00	779.27	0
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353651	3/10/2024 21:01	3/11/2024 10:00	778.13	0
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274059	3/10/2024 21:01	3/11/2024 10:00	778.13	0
1415828	3/10/2024 21:01	3/11/2024 10:00	778.15	0
1346410	3/10/2024 21:01	3/11/2024 10:00	778.15	0
8486022	3/10/2024 21:01	3/11/2024 10:00	778.93	0
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1350597	3/10/2024 21:02	3/11/2024 10:00	777.15	0
658177	3/10/2024 21:02	3/11/2024 10:00	777.83	0
1599209	3/10/2024 21:02	3/11/2024 10:00	777.93	0
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664453	3/10/2024 21:03	3/11/2024 10:00	776.83	0
926657	3/10/2024 21:03	3/11/2024 10:00	776.83	0
1417138	3/10/2024 21:03	3/11/2024 10:00	776.15	0
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10433250	3/10/2024 21:05	3/11/2024 10:00	774.15	0
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277818	3/10/2024 21:06	3/11/2024 10:00	773.13	0
645339	3/10/2024 21:06	3/11/2024 10:00	773.48	0
449036	3/10/2024 21:06	3/11/2024 10:00	773.48	0

1346671	3/10/2024 21:06	3/11/2024 10:00	773.15	0
588892	3/10/2024 21:06	3/11/2024 10:00	773.48	0
1511251	3/10/2024 21:06	3/11/2024 10:00	773.93	0
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956125	3/10/2024 21:06	3/11/2024 10:00	773.27	0
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449377	3/10/2024 21:06	3/10/2024 21:53	47	0
197883	3/10/2024 21:06	3/11/2024 10:00	773.13	0
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274125	3/10/2024 21:07	3/11/2024 10:00	772.13	0
1518000	3/10/2024 21:07	3/11/2024 10:00	772.93	0
956968	3/10/2024 21:07	3/11/2024 10:00	772.27	0
317797	3/10/2024 21:07	3/11/2024 9:36	749	0
1469850	3/10/2024 21:07	3/11/2024 10:00	772.93	0
1597556	3/10/2024 21:07	3/11/2024 10:00	772.93	0
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1378582	3/10/2024 21:08	3/11/2024 10:00	771.15	0
658642	3/10/2024 21:08	3/11/2024 10:00	771.83	0
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1432827	3/10/2024 21:09	3/11/2024 10:00	770.93	0
817825	3/10/2024 21:09	3/11/2024 10:00	770.83	0
1321114	3/10/2024 21:09	3/11/2024 10:00	770.15	0
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646026	3/10/2024 21:09	3/11/2024 10:00	770.48	0
1346665	3/10/2024 21:09	3/11/2024 10:00	770.15	0
41508	3/10/2024 21:09	3/11/2024 10:00	770.13	0
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1463520	3/10/2024 21:09	3/11/2024 10:00	770.93	0
47769	3/10/2024 21:09	3/11/2024 10:00	770.13	0
1493766	3/10/2024 21:10	3/11/2024 10:00	769.15	0
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1385431	3/10/2024 21:10	3/11/2024 10:00	769.15	0
1466357	3/10/2024 21:10	3/11/2024 9:41	751	0
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7937779	3/10/2024 21:11	3/11/2024 10:00	768.15	0
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1414392	3/10/2024 21:11	3/11/2024 10:00	768.15	0
49209	3/10/2024 21:11	3/11/2024 10:00	768.13	0
447406	3/10/2024 21:11	3/11/2024 10:00	768.48	0
1515733	3/10/2024 21:11	3/11/2024 10:00	768.93	0
564518	3/10/2024 21:11	3/11/2024 10:00	768.48	0
1307027	3/10/2024 21:11	3/11/2024 9:06	715	0
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309944	3/10/2024 21:12	3/11/2024 10:00	767.13	0
265473	3/10/2024 21:12	3/11/2024 10:00	767.13	0
1554218	3/10/2024 21:12	3/11/2024 10:00	767.93	0
1565203	3/10/2024 21:12	3/11/2024 10:00	767.93	0
1523524	3/10/2024 21:13	3/11/2024 10:00	766.93	0
8734349	3/10/2024 21:13	3/11/2024 10:00	766.15	0
252922	3/10/2024 21:13	3/11/2024 10:00	766.13	0
281235	3/10/2024 21:13	3/11/2024 10:00	766.13	0
1190246	3/10/2024 21:13	3/11/2024 10:00	766.15	0
1465391	3/10/2024 21:13	3/11/2024 8:51	698	0
308032	3/10/2024 21:13	3/11/2024 10:00	766.13	0
1431804	3/10/2024 21:13	3/11/2024 10:00	766.93	0
445867	3/10/2024 21:13	3/11/2024 10:00	766.48	0
1515678	3/10/2024 21:13	3/11/2024 10:00	766.93	0
315169	3/10/2024 21:13	3/11/2024 10:00	766.13	0
1469866	3/10/2024 21:13	3/11/2024 10:00	766.93	0
1515964	3/10/2024 21:13	3/11/2024 10:00	766.93	0
1251782	3/10/2024 21:14	3/11/2024 10:00	765.83	0
1576533	3/10/2024 21:14	3/11/2024 10:00	765.93	0
2923717	3/10/2024 21:14	3/11/2024 10:00	765.48	0
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574993	3/10/2024 21:15	3/11/2024 9:51	756	0
1494722	3/10/2024 21:15	3/11/2024 9:41	746	0
8068454	3/10/2024 21:15	3/11/2024 10:00	764.48	0
1351588	3/10/2024 21:15	3/11/2024 10:00	764.15	0
315730	3/10/2024 21:15	3/11/2024 10:00	764.13	0
308802	3/10/2024 21:16	3/11/2024 10:00	763.13	0
1310926	3/10/2024 21:16	3/11/2024 10:00	763.15	0
260516	3/10/2024 21:16	3/11/2024 10:00	763.13	0
1556434	3/10/2024 21:16	3/11/2024 10:00	763.93	0
1376158	3/10/2024 21:16	3/11/2024 8:11	655	0
446329	3/10/2024 21:16	3/11/2024 10:00	763.48	0
1351539	3/10/2024 21:16	3/11/2024 10:00	763.15	0
1453263	3/10/2024 21:16	3/11/2024 10:00	763.93	0

1524033	3/10/2024 21:16	3/11/2024 10:00	763.93	0
1377303	3/10/2024 21:17	3/11/2024 10:00	762.15	0
1664433	3/10/2024 21:17	3/11/2024 10:00	762.83	0
12682110	3/10/2024 21:17	3/11/2024 10:00	762.93	0
562856	3/10/2024 21:17	3/11/2024 10:00	762.48	0
1394324	3/10/2024 21:17	3/11/2024 9:48	751	0
353082	3/10/2024 21:18	3/11/2024 10:00	761.13	0
1493132	3/10/2024 21:18	3/11/2024 9:12	714	0
9063373	3/10/2024 21:18	3/11/2024 9:46	748	0
1469270	3/10/2024 21:18	3/11/2024 10:00	761.93	0
1464949	3/10/2024 21:18	3/11/2024 9:48	750	0
1641091	3/10/2024 21:21	3/11/2024 10:00	758.93	0
415195	3/10/2024 21:25	3/11/2024 10:00	754.48	0
1511264	3/10/2024 21:29	3/11/2024 10:00	750.93	0
449377	3/10/2024 21:53	3/10/2024 22:14	21	0
449377	3/10/2024 22:14	3/10/2024 23:17	63	0
449377	3/10/2024 23:17	3/11/2024 0:36	79	0
957615	3/11/2024 0:01	3/11/2024 10:00	598.27	0
449377	3/11/2024 0:36	3/11/2024 1:18	42	0
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449377	3/11/2024 3:03	3/11/2024 3:29	26	0
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449377	3/11/2024 4:43	3/11/2024 4:58	15	0
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449377	3/11/2024 6:17	3/11/2024 6:59	42	0
449377	3/11/2024 6:59	3/11/2024 7:30	31	0
449377	3/11/2024 7:30	3/11/2024 7:46	16	0
449377	3/11/2024 7:46	3/11/2024 8:12	26	0
1358290	3/11/2024 8:02	3/11/2024 10:00	117.15	0
1376158	3/11/2024 8:11	3/11/2024 10:00	108.15	0
1445317	3/11/2024 8:11	3/11/2024 10:00	108.93	0
449377	3/11/2024 8:12	3/11/2024 8:49	37	0
1320008	3/11/2024 8:20	3/11/2024 8:52	32	0
1288420	3/11/2024 8:23	3/11/2024 8:48	25	0
8511623	3/11/2024 8:38	3/11/2024 10:00	81.13	0
1288420	3/11/2024 8:48	3/11/2024 10:00	71.15	0
449377	3/11/2024 8:49	3/11/2024 9:21	32	0
1465391	3/11/2024 8:51	3/11/2024 10:00	68.93	0
1320008	3/11/2024 8:52	3/11/2024 10:00	67.15	0
188639	3/11/2024 8:53	3/11/2024 10:00	66.13	0
25674	3/11/2024 8:56	3/11/2024 10:00	63.13	0
1503634	3/11/2024 8:58	3/11/2024 10:00	61.15	0

1307027	3/11/2024 9:06	3/11/2024 10:00	53.15	0
12376755	3/11/2024 9:07	3/11/2024 10:00	52.15	0
1493132	3/11/2024 9:12	3/11/2024 10:00	47.15	0
1321605	3/11/2024 9:21	3/11/2024 10:00	38.15	0
449377	3/11/2024 9:21	3/11/2024 9:52	31	0
1320845	3/11/2024 9:24	3/11/2024 10:00	35.15	0
1326407	3/11/2024 9:26	3/11/2024 10:00	33.15	0
1701172	3/11/2024 9:27	3/11/2024 10:00	32.15	0
320966	3/11/2024 9:29	3/11/2024 10:00	30.13	0
6280623	3/11/2024 9:35	3/11/2024 10:00	24.13	0
317084	3/11/2024 9:35	3/11/2024 10:00	24.13	0
317797	3/11/2024 9:36	3/11/2024 10:00	23.13	0
8104722	3/11/2024 9:36	3/11/2024 10:00	23.13	0
523489	3/11/2024 9:36	3/11/2024 10:00	23.13	0.16
314899	3/11/2024 9:36	3/11/2024 10:00	23.13	0
317233	3/11/2024 9:38	3/11/2024 10:00	21.13	0
24124	3/11/2024 9:40	3/11/2024 10:00	19.13	0
1494722	3/11/2024 9:41	3/11/2024 10:00	18.15	0
1466357	3/11/2024 9:41	3/11/2024 10:00	18.93	0
1393699	3/11/2024 9:42	3/11/2024 10:00	17.15	0
328570	3/11/2024 9:42	3/11/2024 10:00	17.13	0
1604432	3/11/2024 9:45	3/11/2024 10:00	14.93	0
1463218	3/11/2024 9:45	3/11/2024 10:00	14.93	0
1430644	3/11/2024 9:45	3/11/2024 10:00	14.93	0.05
1267978	3/11/2024 9:46	3/11/2024 10:00	13.27	0
9063373	3/11/2024 9:46	3/11/2024 10:00	13.15	0
1394324	3/11/2024 9:48	3/11/2024 10:00	11.15	0
1464949	3/11/2024 9:48	3/11/2024 10:00	11.93	0
859747	3/11/2024 9:51	3/11/2024 10:00	8.83	0
574993	3/11/2024 9:51	3/11/2024 10:00	8.48	0
449377	3/11/2024 9:52	3/11/2024 10:00	7.48	0
860281	3/11/2024 9:53	3/11/2024 10:00	6.83	0
314188	3/11/2024 9:58	3/11/2024 10:00	1.13	0
353728	3/11/2024 9:59	3/11/2024 10:00	0.13	0
345752	3/11/2024 10:00	3/12/2024 10:00	1439.13	0
1377303	3/11/2024 10:00	3/11/2024 21:20	680	0
1511251	3/11/2024 10:00	3/11/2024 21:20	680	0
444688	3/11/2024 10:00	3/12/2024 10:00	1439.48	0
1394324	3/11/2024 10:00	3/11/2024 14:14	254	0
447406	3/11/2024 10:00	3/12/2024 10:00	1439.48	0
7879030	3/11/2024 10:00	3/11/2024 21:16	676	0
675499	3/11/2024 10:00	3/11/2024 12:12	132	0
1366197	3/11/2024 10:00	3/12/2024 10:00	1439.15	0
664453	3/11/2024 10:00	3/11/2024 21:16	676	0
1516786	3/11/2024 10:00	3/11/2024 14:07	247	0
1321114	3/11/2024 10:00	3/11/2024 19:32	572	0
1556486	3/11/2024 10:00	3/11/2024 11:48	108	0

1417138	3/11/2024 10:00	3/11/2024 14:33	273	0
562202	3/11/2024 10:00	3/12/2024 10:00	1439.48	0
860281	3/11/2024 10:00	3/11/2024 11:48	108	0
1453263	3/11/2024 10:00	3/11/2024 14:23	263	0
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1556434	3/11/2024 10:00	3/11/2024 11:47	107	0
315169	3/11/2024 10:00	3/11/2024 21:17	677	0
1413046	3/11/2024 10:00	3/12/2024 10:00	1439.15	0
1352388	3/11/2024 10:00	3/12/2024 10:00	1439.15	0
8950281	3/11/2024 10:00	3/11/2024 11:03	63	0
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1307027	3/11/2024 10:00	3/11/2024 17:44	464	0
10714479	3/11/2024 10:00	3/12/2024 10:00	1439.93	0
1513541	3/11/2024 10:00	3/12/2024 10:00	1439.93	0
859747	3/11/2024 10:00	3/11/2024 11:47	107	0
10222019	3/11/2024 10:00	3/12/2024 10:00	1439.15	0
953854	3/11/2024 10:00	3/12/2024 10:00	1439.27	0
1320646	3/11/2024 10:00	3/11/2024 19:33	573	0
1701172	3/11/2024 10:00	3/11/2024 19:41	581	0
1320619	3/11/2024 10:00	3/11/2024 20:02	602	0
554089	3/11/2024 10:00	3/12/2024 10:00	1439.48	0
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1422300	3/11/2024 10:00	3/12/2024 10:00	1439.15	0
8724096	3/11/2024 10:00	3/12/2024 10:00	1439.15	0
817825	3/11/2024 10:01	3/12/2024 10:00	1438.83	0
751178	3/11/2024 10:01	3/11/2024 21:13	672	3.25
605186	3/11/2024 10:02	3/11/2024 21:22	680	3.42
601397	3/11/2024 10:04	3/11/2024 21:22	678	0
801004	3/11/2024 10:04	3/11/2024 11:39	95	0
800600	3/11/2024 10:05	3/11/2024 11:35	90	0
316997	3/11/2024 10:05	3/11/2024 20:37	632	1.56
8148103	3/11/2024 10:05	3/11/2024 20:36	631	1.9
253877	3/11/2024 10:06	3/12/2024 10:00	1433.13	0
6280623	3/11/2024 10:06	3/11/2024 21:17	671	0.09
664030	3/11/2024 10:06	3/12/2024 10:00	1433.83	0
800576	3/11/2024 10:06	3/11/2024 21:13	667	0
1320845	3/11/2024 10:06	3/11/2024 19:33	567	0.57
317084	3/11/2024 10:06	3/11/2024 21:22	676	0
1368580	3/11/2024 10:07	3/12/2024 10:00	1432.15	0
345647	3/11/2024 10:07	3/11/2024 14:09	242	0
315730	3/11/2024 10:07	3/11/2024 21:19	672	2.7
1288420	3/11/2024 10:07	3/11/2024 11:41	94	0
574993	3/11/2024 10:07	3/11/2024 11:36	89	0
317797	3/11/2024 10:07	3/11/2024 21:18	671	0
8104722	3/11/2024 10:07	3/11/2024 21:21	674	0
96751	3/11/2024 10:07	3/12/2024 10:00	1432.13	0
1516579	3/11/2024 10:07	3/11/2024 11:37	90	0

523489	3/11/2024 10:08	3/11/2024 21:17	669	2.44
1680655	3/11/2024 10:08	3/11/2024 14:10	242	2.51
800588	3/11/2024 10:08	3/11/2024 11:35	87	0
644056	3/11/2024 10:08	3/11/2024 14:20	252	1.38
1393699	3/11/2024 10:08	3/11/2024 21:20	672	2.14
314899	3/11/2024 10:08	3/11/2024 21:16	668	0.28
643038	3/11/2024 10:08	3/11/2024 20:12	604	2.17
317233	3/11/2024 10:09	3/11/2024 21:14	665	1
12376755	3/11/2024 10:09	3/11/2024 18:06	477	0
1321605	3/11/2024 10:09	3/11/2024 11:06	57	0
643992	3/11/2024 10:09	3/11/2024 14:21	252	1.32
1041597	3/11/2024 10:09	3/11/2024 21:14	665	0
1515733	3/11/2024 10:09	3/11/2024 11:38	89	1.22
1320008	3/11/2024 10:09	3/11/2024 21:08	659	0.01
1465391	3/11/2024 10:10	3/11/2024 14:11	241	1.27
346288	3/11/2024 10:10	3/11/2024 14:11	241	0
342796	3/11/2024 10:10	3/11/2024 14:11	241	2.02
800590	3/11/2024 10:11	3/11/2024 11:35	84	0
320966	3/11/2024 10:11	3/11/2024 14:28	257	0
1494722	3/11/2024 10:12	3/11/2024 21:19	667	2.88
1267978	3/11/2024 10:12	3/11/2024 21:15	663	0
47769	3/11/2024 10:13	3/11/2024 21:12	659	0.31
49209	3/11/2024 10:14	3/11/2024 21:21	667	0
561672	3/11/2024 10:14	3/11/2024 14:31	257	0.2
314188	3/11/2024 10:14	3/11/2024 21:15	661	0
56196	3/11/2024 10:14	3/11/2024 14:16	242	1.13
274125	3/11/2024 10:14	3/11/2024 11:45	91	0
956968	3/11/2024 10:15	3/11/2024 11:39	84	0
1565203	3/11/2024 10:15	3/11/2024 11:44	89	0
1430294	3/11/2024 10:15	3/11/2024 12:22	127	0.19
957615	3/11/2024 10:16	3/11/2024 14:14	238	0
1604432	3/11/2024 10:16	3/11/2024 21:23	667	3.05
1463218	3/11/2024 10:16	3/12/2024 10:00	1423.93	0
274059	3/11/2024 10:17	3/11/2024 11:46	89	0
264379	3/11/2024 10:17	3/11/2024 21:13	656	0
507365	3/11/2024 10:18	3/11/2024 11:37	79	0
1464949	3/11/2024 10:19	3/12/2024 10:00	1420.93	0
449377	3/11/2024 10:19	3/11/2024 12:09	110	0
449036	3/11/2024 10:19	3/11/2024 21:15	656	1.15
510307	3/11/2024 10:19	3/11/2024 11:38	79	0
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1190246	3/11/2024 10:21	3/11/2024 21:17	656	0
506261	3/11/2024 10:22	3/11/2024 14:50	268	0
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1466357	3/11/2024 10:23	3/11/2024 14:08	225	0

1446401	3/11/2024 10:23	3/11/2024 21:18	655	1.02
8486022	3/11/2024 10:24	3/11/2024 21:20	656	0
353082	3/11/2024 10:25	3/11/2024 21:21	656	1.98
1468500	3/11/2024 10:25	3/11/2024 11:07	42	0
1307071	3/11/2024 10:25	3/11/2024 11:36	71	0.25
1469866	3/11/2024 10:25	3/11/2024 11:08	43	0
6995795	3/11/2024 10:25	3/11/2024 21:19	654	1.18
1445317	3/11/2024 10:26	3/11/2024 21:21	655	0
380736	3/11/2024 10:26	3/11/2024 21:10	644	0.94
381982	3/11/2024 10:26	3/11/2024 21:19	653	0
385332	3/11/2024 10:26	3/11/2024 21:03	637	0
353651	3/11/2024 10:27	3/11/2024 21:17	650	0
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1417279	3/11/2024 10:34	3/11/2024 14:34	240	2.07
1664433	3/11/2024 10:35	3/11/2024 12:04	89	0
790670	3/11/2024 10:37	3/11/2024 14:07	210	1.53
553755	3/11/2024 10:37	3/11/2024 11:35	58	0.1
6714863	3/11/2024 10:38	3/11/2024 14:08	210	0
1393633	3/11/2024 10:38	3/11/2024 21:19	641	6.34
1546695	3/11/2024 10:39	3/11/2024 14:19	220	0
8910809	3/11/2024 10:40	3/11/2024 11:27	47	0
793285	3/11/2024 10:40	3/11/2024 14:10	210	1.86
1375642	3/11/2024 10:41	3/11/2024 11:42	61	0
1493132	3/11/2024 10:41	3/11/2024 11:13	32	0.82
321287	3/11/2024 10:42	3/11/2024 14:38	236	3.03
989956	3/11/2024 10:43	3/11/2024 18:04	441	0
416557	3/11/2024 10:44	3/11/2024 11:41	57	0
1358290	3/11/2024 10:45	3/11/2024 11:48	63	0.43
7937779	3/11/2024 10:45	3/11/2024 11:43	58	0
945898	3/11/2024 10:45	3/11/2024 21:03	618	0
196408	3/11/2024 10:47	3/11/2024 11:34	47	0.01
1515964	3/11/2024 10:47	3/11/2024 14:32	225	0
1654064	3/11/2024 10:48	3/11/2024 14:09	201	0.83
1638359	3/11/2024 10:48	3/11/2024 21:18	630	0
1638308	3/11/2024 10:48	3/11/2024 21:17	629	0.29
11081884	3/11/2024 10:49	3/11/2024 11:34	45	0
1556243	3/11/2024 10:49	3/11/2024 11:46	57	0
197883	3/11/2024 10:50	3/11/2024 11:32	42	0
10659831	3/11/2024 10:50	3/11/2024 21:23	633	0
955448	3/11/2024 10:50	3/11/2024 11:37	47	0
1650561	3/11/2024 10:51	3/11/2024 14:26	215	0
1321663	3/11/2024 10:51	3/12/2024 10:00	1388.15	0
574740	3/11/2024 10:51	3/11/2024 11:07	16	0
1638479	3/11/2024 10:51	3/11/2024 21:21	630	0
12682110	3/11/2024 10:51	3/11/2024 21:20	629	2.38
188639	3/11/2024 10:53	3/11/2024 11:25	32	0.03
23462	3/11/2024 10:55	3/11/2024 11:26	31	0

1567316	3/11/2024 10:56	3/12/2024 10:00	1383.93	0
25674	3/11/2024 10:57	3/11/2024 11:23	26	0
975066	3/11/2024 10:58	3/11/2024 11:46	48	0
446329	3/11/2024 11:00	3/11/2024 21:20	620	0
563721	3/11/2024 11:00	3/11/2024 14:32	212	0
51483	3/11/2024 11:00	3/11/2024 14:16	196	1.79
10393495	3/11/2024 11:00	3/11/2024 11:47	47	0
9063373	3/11/2024 11:00	3/11/2024 14:16	196	0
70866	3/11/2024 11:01	3/11/2024 14:00	179	0
445867	3/11/2024 11:02	3/11/2024 21:16	614	1.98
971524	3/11/2024 11:02	3/11/2024 11:07	5	0
8950281	3/11/2024 11:03	3/11/2024 14:16	193	0
1672784	3/11/2024 11:03	3/12/2024 10:00	1376.48	0.35
646026	3/11/2024 11:04	3/11/2024 14:23	199	0
627018	3/11/2024 11:04	3/11/2024 11:20	16	0
645339	3/11/2024 11:04	3/11/2024 21:18	614	1.75
197356	3/11/2024 11:04	3/11/2024 11:36	32	0
196965	3/11/2024 11:04	3/11/2024 11:35	31	0
574596	3/11/2024 11:04	3/11/2024 11:36	32	0
956125	3/11/2024 11:06	3/11/2024 11:37	31	0.14
1456419	3/11/2024 11:06	3/11/2024 11:44	38	0
1321605	3/11/2024 11:06	3/11/2024 11:38	32	0.45
627289	3/11/2024 11:06	3/11/2024 11:22	16	0
1468500	3/11/2024 11:07	3/11/2024 14:11	184	0
574740	3/11/2024 11:07	3/11/2024 11:33	26	0
971524	3/11/2024 11:07	3/11/2024 11:17	10	0
903630	3/11/2024 11:07	3/11/2024 21:14	607	0.14
1469866	3/11/2024 11:08	3/11/2024 14:11	183	0
10433250	3/11/2024 11:10	3/11/2024 11:36	26	0.21
1307575	3/11/2024 11:11	3/11/2024 11:36	25	0.14
1493132	3/11/2024 11:13	3/11/2024 11:29	16	0.47
1416360	3/11/2024 11:16	3/11/2024 21:20	604	0
1414392	3/11/2024 11:16	3/11/2024 21:20	604	0.15
624716	3/11/2024 11:17	3/11/2024 11:48	31	0
1415828	3/11/2024 11:17	3/11/2024 21:15	598	0.14
971524	3/11/2024 11:17	3/11/2024 11:33	16	0
564518	3/11/2024 11:18	3/11/2024 14:37	199	0
314350	3/11/2024 11:18	3/11/2024 14:58	220	0
1431804	3/11/2024 11:18	3/11/2024 21:16	598	0
926657	3/11/2024 11:18	3/11/2024 21:12	594	0
626600	3/11/2024 11:19	3/11/2024 11:50	31	0
1432827	3/11/2024 11:19	3/11/2024 21:12	593	1.42
627018	3/11/2024 11:20	3/11/2024 11:36	16	0.01
8068454	3/11/2024 11:20	3/11/2024 14:18	178	0
624411	3/11/2024 11:20	3/11/2024 11:52	32	0.03
127206	3/11/2024 11:21	3/12/2024 10:00	1358.13	0
561757	3/11/2024 11:21	3/11/2024 21:15	594	0

956559	3/11/2024 11:22	3/11/2024 11:38	16	0
627289	3/11/2024 11:22	3/11/2024 11:32	10	0
956579	3/11/2024 11:22	3/11/2024 11:38	16	0
34905	3/11/2024 11:22	3/11/2024 21:19	597	0.28
1431996	3/11/2024 11:23	3/12/2024 10:00	1356.93	0
25674	3/11/2024 11:23	3/11/2024 14:11	168	0
1444947	3/11/2024 11:23	3/11/2024 21:22	599	1.07
1432509	3/11/2024 11:23	3/12/2024 10:00	1356.93	0
1444636	3/11/2024 11:24	3/11/2024 21:17	593	0.91
189581	3/11/2024 11:24	3/11/2024 14:07	163	0
188639	3/11/2024 11:25	3/11/2024 14:13	168	1.01
24124	3/11/2024 11:25	3/11/2024 14:10	165	0
34887	3/11/2024 11:25	3/11/2024 21:19	594	0
23462	3/11/2024 11:26	3/11/2024 14:09	163	0
1433522	3/11/2024 11:26	3/12/2024 10:00	1353.93	0
29848	3/11/2024 11:26	3/11/2024 14:09	163	0.14
1332906	3/11/2024 11:26	3/11/2024 11:37	11	0
27483	3/11/2024 11:26	3/11/2024 14:08	162	0.08
593397	3/11/2024 11:26	3/11/2024 21:15	589	0.85
8910809	3/11/2024 11:27	3/11/2024 21:18	591	0
1435945	3/11/2024 11:27	3/12/2024 10:00	1352.93	0
34832	3/11/2024 11:27	3/11/2024 21:17	590	0.09
8734029	3/11/2024 11:27	3/12/2024 10:00	1352.93	0
1434550	3/11/2024 11:27	3/12/2024 10:00	1352.93	0
1432607	3/11/2024 11:27	3/12/2024 10:00	1352.93	0
952445	3/11/2024 11:28	3/11/2024 11:39	11	0
1493132	3/11/2024 11:29	3/11/2024 11:44	15	0.32
593798	3/11/2024 11:29	3/11/2024 21:10	581	0
1430644	3/11/2024 11:30	3/11/2024 12:43	73	0
1511264	3/11/2024 11:30	3/11/2024 21:20	590	0
11176351	3/11/2024 11:31	3/11/2024 21:14	583	2.16
1430553	3/11/2024 11:32	3/11/2024 12:19	47	0
627289	3/11/2024 11:32	3/11/2024 11:48	16	0
197883	3/11/2024 11:32	3/11/2024 15:03	211	1.76
197690	3/11/2024 11:32	3/11/2024 14:34	182	0
450309	3/11/2024 11:32	3/12/2024 10:00	1347.48	0.01
1430838	3/11/2024 11:32	3/11/2024 12:19	47	0
971524	3/11/2024 11:33	3/11/2024 11:49	16	0
574740	3/11/2024 11:33	3/11/2024 12:05	32	0
1685329	3/11/2024 11:33	3/11/2024 12:04	31	0
196408	3/11/2024 11:34	3/11/2024 15:04	210	0.55
552210	3/11/2024 11:34	3/11/2024 13:51	137	0
1310926	3/11/2024 11:34	3/11/2024 13:44	130	0.68
918098	3/11/2024 11:34	3/11/2024 12:42	68	0
11081884	3/11/2024 11:34	3/11/2024 21:19	585	0
2032900	3/11/2024 11:35	3/11/2024 11:51	16	0
800588	3/11/2024 11:35	3/11/2024 11:51	16	0

800590	3/11/2024 11:35	3/11/2024 11:50	15	0
800600	3/11/2024 11:35	3/11/2024 11:50	15	0
196965	3/11/2024 11:35	3/11/2024 15:06	211	0.61
626477	3/11/2024 11:35	3/11/2024 11:50	15	0
553755	3/11/2024 11:35	3/11/2024 13:51	136	0.6
10433250	3/11/2024 11:36	3/11/2024 11:41	5	0
574993	3/11/2024 11:36	3/11/2024 12:02	26	0
627018	3/11/2024 11:36	3/11/2024 11:51	15	0.12
197356	3/11/2024 11:36	3/11/2024 15:02	206	0
1538577	3/11/2024 11:36	3/11/2024 11:47	11	0
1307071	3/11/2024 11:36	3/11/2024 21:14	578	1.16
1307575	3/11/2024 11:36	3/11/2024 21:18	582	1.07
574596	3/11/2024 11:36	3/11/2024 12:04	28	0
1516579	3/11/2024 11:37	3/11/2024 11:52	15	0
955448	3/11/2024 11:37	3/11/2024 11:53	16	0
956125	3/11/2024 11:37	3/11/2024 11:53	16	0.11
507365	3/11/2024 11:37	3/11/2024 21:19	582	0
1332906	3/11/2024 11:37	3/11/2024 13:14	97	0
511266	3/11/2024 11:37	3/11/2024 21:20	583	0
956579	3/11/2024 11:38	3/11/2024 11:53	15	0
1515733	3/11/2024 11:38	3/11/2024 11:54	16	0.24
956559	3/11/2024 11:38	3/11/2024 11:56	18	0
510307	3/11/2024 11:38	3/11/2024 21:10	572	0.66
1321605	3/11/2024 11:38	3/11/2024 11:54	16	0.09
1319739	3/11/2024 11:39	3/12/2024 10:00	1340.15	0
952445	3/11/2024 11:39	3/11/2024 11:54	15	0
956968	3/11/2024 11:39	3/11/2024 12:00	21	0
801004	3/11/2024 11:39	3/11/2024 11:49	10	0
10433250	3/11/2024 11:41	3/11/2024 11:58	17	0
1288420	3/11/2024 11:41	3/11/2024 11:47	6	0
416557	3/11/2024 11:41	3/11/2024 12:55	74	0
1375642	3/11/2024 11:42	3/11/2024 12:24	42	0
417096	3/11/2024 11:42	3/12/2024 10:00	1337.48	0
7937779	3/11/2024 11:43	3/11/2024 12:25	42	0
415195	3/11/2024 11:44	3/11/2024 12:52	68	0.11
1565203	3/11/2024 11:44	3/11/2024 12:00	16	0
1493132	3/11/2024 11:44	3/11/2024 12:26	42	0.84
1456419	3/11/2024 11:44	3/11/2024 14:22	158	0
274125	3/11/2024 11:45	3/11/2024 14:31	166	0
1554218	3/11/2024 11:45	3/11/2024 12:01	16	0
975066	3/11/2024 11:46	3/11/2024 12:01	15	0
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274059	3/11/2024 11:46	3/11/2024 14:29	163	0.03
1288420	3/11/2024 11:47	3/11/2024 12:18	31	0
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860281	3/11/2024 11:48	3/11/2024 12:04	16	0
627289	3/11/2024 11:48	3/11/2024 13:49	121	0
1358290	3/11/2024 11:48	3/11/2024 21:15	567	0.92
1556486	3/11/2024 11:48	3/11/2024 12:04	16	0
624716	3/11/2024 11:48	3/11/2024 14:20	152	0.53
971524	3/11/2024 11:49	3/11/2024 13:50	121	0
801004	3/11/2024 11:49	3/11/2024 12:05	16	0
800590	3/11/2024 11:50	3/11/2024 12:06	16	0
626477	3/11/2024 11:50	3/11/2024 14:17	147	0
800600	3/11/2024 11:50	3/11/2024 12:06	16	0
626600	3/11/2024 11:50	3/11/2024 13:51	121	0.13
627018	3/11/2024 11:51	3/11/2024 13:52	121	0.47
2032900	3/11/2024 11:51	3/11/2024 14:28	157	0
800588	3/11/2024 11:51	3/11/2024 12:06	15	0
624411	3/11/2024 11:52	3/11/2024 13:47	115	0.33
563241	3/11/2024 11:52	3/11/2024 14:40	168	0
1516579	3/11/2024 11:52	3/11/2024 12:08	16	0
955448	3/11/2024 11:53	3/11/2024 14:30	157	0
956125	3/11/2024 11:53	3/11/2024 14:31	158	0.61
562856	3/11/2024 11:53	3/11/2024 14:37	164	0
956579	3/11/2024 11:53	3/11/2024 19:18	445	0
1321605	3/11/2024 11:54	3/11/2024 14:31	157	0.93
952445	3/11/2024 11:54	3/11/2024 13:00	66	0
1515733	3/11/2024 11:54	3/11/2024 12:10	16	0.11
1325985	3/11/2024 11:54	3/11/2024 17:29	335	0
188843	3/11/2024 11:56	3/11/2024 12:43	47	0
956559	3/11/2024 11:56	3/11/2024 19:14	438	0
174362	3/11/2024 11:57	3/11/2024 21:18	561	0
169731	3/11/2024 11:58	3/11/2024 13:12	74	0.16
1539391	3/11/2024 11:58	3/11/2024 13:02	64	0
10433250	3/11/2024 11:58	3/11/2024 15:56	238	0
13912	3/11/2024 11:58	3/11/2024 14:59	181	0
14605	3/11/2024 11:58	3/11/2024 13:58	120	0.07
13876	3/11/2024 11:58	3/11/2024 13:59	121	0
11435788	3/11/2024 11:59	3/11/2024 14:00	121	0.03
69207	3/11/2024 11:59	3/11/2024 15:03	184	0
1387226	3/11/2024 11:59	3/11/2024 12:29	30	0
956968	3/11/2024 12:00	3/11/2024 14:32	152	0
1565203	3/11/2024 12:00	3/11/2024 13:43	103	0
1554218	3/11/2024 12:01	3/11/2024 13:04	63	0
15611	3/11/2024 12:01	3/11/2024 14:01	120	0
14239	3/11/2024 12:01	3/11/2024 14:01	120	0
975066	3/11/2024 12:01	3/11/2024 12:43	42	0
574993	3/11/2024 12:02	3/11/2024 14:03	121	0

1556243	3/11/2024 12:02	3/11/2024 13:00	58	0
1556434	3/11/2024 12:03	3/11/2024 13:01	58	0
859747	3/11/2024 12:03	3/11/2024 12:50	47	0
1664433	3/11/2024 12:04	3/11/2024 12:51	47	0
860281	3/11/2024 12:04	3/11/2024 12:52	48	0
1685329	3/11/2024 12:04	3/11/2024 13:02	58	0.04
1556486	3/11/2024 12:04	3/11/2024 13:02	58	0
574596	3/11/2024 12:04	3/11/2024 14:34	150	0
801004	3/11/2024 12:05	3/11/2024 14:37	152	0
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800590	3/11/2024 12:06	3/11/2024 13:09	63	0.04
800588	3/11/2024 12:06	3/11/2024 14:39	153	0
800600	3/11/2024 12:06	3/11/2024 14:38	152	0
1516579	3/11/2024 12:08	3/11/2024 14:09	121	0
1518000	3/11/2024 12:09	3/12/2024 10:00	1310.93	0
449377	3/11/2024 12:09	3/11/2024 12:56	47	0
1515733	3/11/2024 12:10	3/11/2024 14:05	115	0.11
675499	3/11/2024 12:12	3/11/2024 21:10	538	0
188789	3/11/2024 12:12	3/11/2024 12:43	31	0
1672745	3/11/2024 12:13	3/11/2024 21:18	545	0
68620	3/11/2024 12:16	3/11/2024 15:03	167	0
204963	3/11/2024 12:18	3/12/2024 10:00	1301.13	0
1288420	3/11/2024 12:18	3/11/2024 12:23	5	0
1430838	3/11/2024 12:19	3/11/2024 13:48	89	0
1430553	3/11/2024 12:19	3/11/2024 13:49	90	0
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1430294	3/11/2024 12:22	3/11/2024 14:07	105	0
1288420	3/11/2024 12:23	3/11/2024 12:29	6	0
1375642	3/11/2024 12:24	3/11/2024 14:40	136	0
1641091	3/11/2024 12:24	3/11/2024 14:09	105	0.14
1523524	3/11/2024 12:25	3/11/2024 14:09	104	0.2
7937779	3/11/2024 12:25	3/11/2024 14:41	136	0
1493132	3/11/2024 12:26	3/11/2024 14:43	137	0.57
1288420	3/11/2024 12:29	3/11/2024 12:34	5	0
1387226	3/11/2024 12:29	3/11/2024 14:03	94	0
1288420	3/11/2024 12:34	3/11/2024 13:26	52	0
918098	3/11/2024 12:42	3/11/2024 14:22	100	0
1430644	3/11/2024 12:43	3/11/2024 13:41	58	0
975066	3/11/2024 12:43	3/11/2024 14:22	99	0
188789	3/11/2024 12:43	3/12/2024 10:00	1276.13	0
188843	3/11/2024 12:43	3/12/2024 10:00	1276.13	0
68308	3/11/2024 12:44	3/12/2024 10:00	1275.13	0
859747	3/11/2024 12:50	3/11/2024 14:35	105	0
1664433	3/11/2024 12:51	3/11/2024 15:34	163	0
415195	3/11/2024 12:52	3/12/2024 10:00	1267.48	0.05
860281	3/11/2024 12:52	3/11/2024 14:43	111	0
660265	3/11/2024 12:54	3/11/2024 21:18	504	1.05

416557	3/11/2024 12:55	3/11/2024 14:24	89	0
449377	3/11/2024 12:56	3/11/2024 13:17	21	0
328113	3/11/2024 12:59	3/11/2024 14:12	73	0.09
1556243	3/11/2024 13:00	3/11/2024 14:34	94	0
952445	3/11/2024 13:00	3/12/2024 10:00	1259.27	0
1556434	3/11/2024 13:01	3/11/2024 13:48	47	0
1685329	3/11/2024 13:02	3/11/2024 13:44	42	0.42
1556486	3/11/2024 13:02	3/11/2024 13:49	47	0
1539391	3/11/2024 13:02	3/12/2024 10:00	1257.93	0
1554218	3/11/2024 13:04	3/11/2024 14:17	73	0
1538577	3/11/2024 13:05	3/12/2024 10:00	1254.93	0
800590	3/11/2024 13:09	3/11/2024 14:38	89	0.01
169731	3/11/2024 13:12	3/12/2024 10:00	1247.13	0.02
328570	3/11/2024 13:12	3/12/2024 10:00	1247.13	0.01
1332906	3/11/2024 13:14	3/11/2024 17:04	230	0
449377	3/11/2024 13:17	3/11/2024 14:20	63	0
1704232	3/11/2024 13:22	3/12/2024 10:00	1237.15	0.07
1288420	3/11/2024 13:26	3/11/2024 13:31	5	0
1288420	3/11/2024 13:31	3/11/2024 13:42	11	0
1430644	3/11/2024 13:41	3/11/2024 14:22	41	0
1288420	3/11/2024 13:42	3/11/2024 13:47	5	0
1565203	3/11/2024 13:43	3/11/2024 14:30	47	0.02
1310926	3/11/2024 13:44	3/11/2024 15:28	104	0
1685329	3/11/2024 13:44	3/11/2024 14:16	32	0.08
623069	3/11/2024 13:47	3/11/2024 14:19	32	0
624411	3/11/2024 13:47	3/11/2024 14:19	32	0.05
1288420	3/11/2024 13:47	3/11/2024 13:58	11	0
1556434	3/11/2024 13:48	3/11/2024 14:19	31	0
1430838	3/11/2024 13:48	3/11/2024 14:20	32	0
623871	3/11/2024 13:49	3/11/2024 14:20	31	0
1430553	3/11/2024 13:49	3/11/2024 14:20	31	0
1556486	3/11/2024 13:49	3/11/2024 14:20	31	0
623612	3/11/2024 13:49	3/11/2024 14:20	31	0
627289	3/11/2024 13:49	3/11/2024 14:20	31	0
971524	3/11/2024 13:50	3/11/2024 14:21	31	0
656498	3/11/2024 13:50	3/12/2024 10:00	1209.83	0
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626600	3/11/2024 13:51	3/11/2024 14:22	31	0
552210	3/11/2024 13:51	3/11/2024 14:38	47	0
627018	3/11/2024 13:52	3/11/2024 14:19	27	0.05
609850	3/11/2024 13:57	3/11/2024 14:34	37	0.1
610737	3/11/2024 13:58	3/11/2024 14:34	36	0.04
1288420	3/11/2024 13:58	3/11/2024 14:03	5	0
14605	3/11/2024 13:58	3/11/2024 15:01	63	0.01
13876	3/11/2024 13:59	3/11/2024 15:02	63	0
70866	3/11/2024 14:00	3/11/2024 15:03	63	0
11435788	3/11/2024 14:00	3/11/2024 14:58	58	0

14239	3/11/2024 14:01	3/11/2024 14:59	58	0
15611	3/11/2024 14:01	3/11/2024 14:59	58	0
1599209	3/11/2024 14:02	3/11/2024 14:34	32	0
1288420	3/11/2024 14:03	3/11/2024 14:14	11	0
1387226	3/11/2024 14:03	3/11/2024 14:45	42	0
574993	3/11/2024 14:03	3/11/2024 14:35	32	0
328408	3/11/2024 14:03	3/11/2024 20:05	362	0
1515733	3/11/2024 14:05	3/11/2024 14:21	16	0.05
790670	3/11/2024 14:07	3/11/2024 14:39	32	0
1430294	3/11/2024 14:07	3/11/2024 14:17	10	0
189581	3/11/2024 14:07	3/11/2024 14:29	22	0
1516786	3/11/2024 14:07	3/11/2024 14:23	16	0.07
27483	3/11/2024 14:08	3/11/2024 14:24	16	0
1466357	3/11/2024 14:08	3/11/2024 14:24	16	0
6714863	3/11/2024 14:08	3/11/2024 14:40	32	0
26864	3/11/2024 14:09	3/11/2024 14:25	16	0
1654064	3/11/2024 14:09	3/11/2024 14:25	16	0
345647	3/11/2024 14:09	3/11/2024 21:22	433	0
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1523524	3/11/2024 14:09	3/11/2024 14:25	16	0.08
1641091	3/11/2024 14:09	3/11/2024 14:20	11	0.04
29848	3/11/2024 14:09	3/11/2024 14:24	15	0.05
23462	3/11/2024 14:09	3/11/2024 14:24	15	0
28509	3/11/2024 14:10	3/11/2024 14:25	15	0.01
29635	3/11/2024 14:10	3/11/2024 21:12	422	0
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1680655	3/11/2024 14:10	3/11/2024 21:09	419	0
793285	3/11/2024 14:10	3/11/2024 14:36	26	0.08
1469866	3/11/2024 14:11	3/11/2024 21:22	431	0
1465391	3/11/2024 14:11	3/11/2024 14:27	16	0
346288	3/11/2024 14:11	3/11/2024 21:18	427	0
25674	3/11/2024 14:11	3/11/2024 18:44	273	0.23
342796	3/11/2024 14:11	3/11/2024 21:12	421	0
1468500	3/11/2024 14:11	3/11/2024 21:22	431	0
328113	3/11/2024 14:12	3/11/2024 15:31	79	0.28
188639	3/11/2024 14:13	3/11/2024 14:28	15	0.06
53030	3/11/2024 14:13	3/11/2024 15:00	47	0
30471	3/11/2024 14:13	3/11/2024 14:23	10	0
1288420	3/11/2024 14:14	3/11/2024 14:19	5	0
957615	3/11/2024 14:14	3/11/2024 14:30	16	0
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9063373	3/11/2024 14:16	3/11/2024 15:04	48	0
1685329	3/11/2024 14:16	3/11/2024 15:03	47	0.34
56196	3/11/2024 14:16	3/11/2024 16:01	105	0
8950281	3/11/2024 14:16	3/11/2024 15:03	47	0
51483	3/11/2024 14:16	3/11/2024 14:58	42	0.06
1430294	3/11/2024 14:17	3/11/2024 14:33	16	0

626477	3/11/2024 14:17	3/11/2024 15:36	79	0
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8068454	3/11/2024 14:18	3/11/2024 14:34	16	0
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12377908	3/11/2024 14:18	3/11/2024 14:34	16	0
1556434	3/11/2024 14:19	3/11/2024 14:35	16	0
190372	3/11/2024 14:19	3/12/2024 10:00	1180.13	0
624411	3/11/2024 14:19	3/11/2024 14:35	16	0.06
623069	3/11/2024 14:19	3/11/2024 15:38	79	0
1550815	3/11/2024 14:19	3/11/2024 15:22	63	0
1555268	3/11/2024 14:19	3/11/2024 15:22	63	0
627018	3/11/2024 14:19	3/11/2024 14:34	15	0.07
1288420	3/11/2024 14:19	3/11/2024 14:25	6	0
1546695	3/11/2024 14:19	3/11/2024 15:22	63	0
975032	3/11/2024 14:19	3/11/2024 14:34	15	0
449377	3/11/2024 14:20	3/11/2024 14:46	26	0
627289	3/11/2024 14:20	3/11/2024 14:36	16	0.02
1430553	3/11/2024 14:20	3/11/2024 14:36	16	0
1430838	3/11/2024 14:20	3/11/2024 14:36	16	0
1641091	3/11/2024 14:20	3/11/2024 16:52	152	0.41
644056	3/11/2024 14:20	3/11/2024 21:25	425	1
1556486	3/11/2024 14:20	3/11/2024 14:31	11	0
55232	3/11/2024 14:20	3/11/2024 14:58	38	0
623871	3/11/2024 14:20	3/11/2024 15:34	74	0
624716	3/11/2024 14:20	3/11/2024 15:34	74	0.55
623612	3/11/2024 14:20	3/11/2024 15:34	74	0
1515733	3/11/2024 14:21	3/11/2024 14:37	16	0.23
971524	3/11/2024 14:21	3/11/2024 14:37	16	0
643992	3/11/2024 14:21	3/11/2024 21:17	416	0
1430644	3/11/2024 14:22	3/11/2024 14:33	11	0
626600	3/11/2024 14:22	3/11/2024 14:33	11	0
975066	3/11/2024 14:22	3/11/2024 14:33	11	0
918098	3/11/2024 14:22	3/11/2024 14:38	16	0
1456419	3/11/2024 14:22	3/11/2024 15:04	42	0
1552154	3/11/2024 14:22	3/11/2024 21:22	420	0.05
1453263	3/11/2024 14:23	3/11/2024 14:49	26	0
646026	3/11/2024 14:23	3/11/2024 14:34	11	0
1551513	3/11/2024 14:23	3/11/2024 15:21	58	0
30471	3/11/2024 14:23	3/11/2024 14:39	16	0
1516786	3/11/2024 14:23	3/11/2024 14:39	16	0.03
10013697	3/11/2024 14:24	3/11/2024 15:22	58	0
416557	3/11/2024 14:24	3/11/2024 14:40	16	0
1466357	3/11/2024 14:24	3/11/2024 14:40	16	0
23462	3/11/2024 14:24	3/11/2024 14:40	16	0
1516579	3/11/2024 14:24	3/11/2024 14:35	11	0
29848	3/11/2024 14:24	3/11/2024 14:40	16	0.07

27483	3/11/2024 14:24	3/11/2024 14:39	15	0
27443	3/11/2024 14:25	3/11/2024 21:27	422	0.01
28509	3/11/2024 14:25	3/11/2024 14:41	16	0.07
29748	3/11/2024 14:25	3/11/2024 14:57	32	0.05
1523524	3/11/2024 14:25	3/11/2024 16:52	147	0
26864	3/11/2024 14:25	3/11/2024 14:41	16	0
1288420	3/11/2024 14:25	3/11/2024 14:29	4	0
1654064	3/11/2024 14:25	3/11/2024 14:40	15	0
1551510	3/11/2024 14:26	3/11/2024 15:24	58	0
1650561	3/11/2024 14:26	3/11/2024 21:16	410	0
24993	3/11/2024 14:27	3/12/2024 10:00	1172.13	0
23516	3/11/2024 14:27	3/12/2024 10:00	1172.13	0
23464	3/11/2024 14:27	3/12/2024 10:00	1172.13	0
1465391	3/11/2024 14:27	3/11/2024 14:37	10	0
188639	3/11/2024 14:28	3/12/2024 8:29	1081	0
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2032900	3/11/2024 14:28	3/11/2024 14:44	16	0
189581	3/11/2024 14:29	3/11/2024 14:39	10	0
1591422	3/11/2024 14:29	3/11/2024 14:45	16	0
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1288420	3/11/2024 14:29	3/11/2024 14:40	11	0
274059	3/11/2024 14:29	3/11/2024 14:45	16	0.06
1565203	3/11/2024 14:30	3/11/2024 14:46	16	0.25
957615	3/11/2024 14:30	3/11/2024 14:46	16	0
10393495	3/11/2024 14:30	3/11/2024 14:46	16	0
955448	3/11/2024 14:30	3/11/2024 14:46	16	0
956125	3/11/2024 14:31	3/11/2024 14:46	15	0.07
561672	3/11/2024 14:31	3/11/2024 14:47	16	0
1556486	3/11/2024 14:31	3/11/2024 14:47	16	0
1321605	3/11/2024 14:31	3/11/2024 14:47	16	0.08
274125	3/11/2024 14:31	3/11/2024 14:52	21	0
956968	3/11/2024 14:32	3/11/2024 14:48	16	0
957216	3/11/2024 14:32	3/11/2024 14:49	17	0
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627018	3/11/2024 14:34	3/11/2024 14:50	16	0.07
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609850	3/11/2024 14:34	3/11/2024 14:49	15	0.33
646026	3/11/2024 14:34	3/11/2024 19:38	304	0
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800590	3/11/2024 14:38	3/11/2024 21:12	394	0
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8434548	3/11/2024 14:46	3/11/2024 21:15	389	0.13
423814	3/11/2024 14:46	3/11/2024 21:14	388	0
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626600	3/11/2024 14:48	3/11/2024 21:17	389	0
975066	3/11/2024 14:48	3/11/2024 21:17	389	0
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1453263	3/11/2024 14:49	3/11/2024 21:17	388	0
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957216	3/11/2024 14:49	3/11/2024 21:15	386	0
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6714863	3/11/2024 14:50	3/11/2024 21:24	394	0.19
12377908	3/11/2024 14:50	3/11/2024 21:17	387	0
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1430553	3/11/2024 14:51	3/11/2024 21:20	389	0
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627289	3/11/2024 14:52	3/11/2024 21:20	388	0.17
793285	3/11/2024 14:52	3/11/2024 21:15	383	0.46
1064514	3/11/2024 14:52	3/11/2024 21:09	377	0.38
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561773	3/11/2024 14:59	3/11/2024 21:22	383	0.05
14239	3/11/2024 14:59	3/11/2024 21:17	378	0
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13912	3/11/2024 14:59	3/11/2024 21:19	380	0
15611	3/11/2024 14:59	3/11/2024 21:22	383	0
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211683	3/11/2024 15:00	3/11/2024 21:16	376	0

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69207	3/11/2024 15:03	3/11/2024 21:26	383	0
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70866	3/11/2024 15:03	3/11/2024 21:20	377	0
265473	3/11/2024 15:03	3/11/2024 21:17	374	0
8950281	3/11/2024 15:03	3/11/2024 21:21	378	0
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198082	3/11/2024 15:33	3/12/2024 10:00	1106.13	0
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494918	3/11/2024 15:36	3/12/2024 10:00	1103.48	0
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495335	3/11/2024 15:37	3/12/2024 10:00	1102.48	0
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449377	3/11/2024 16:10	3/11/2024 17:03	53	0
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1288420	3/11/2024 16:32	3/11/2024 16:58	26	0
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956579	3/11/2024 19:18	3/12/2024 10:00	881.27	0
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1320845	3/11/2024 19:33	3/12/2024 10:00	866.15	0
1320646	3/11/2024 19:33	3/12/2024 8:55	802	0
646026	3/11/2024 19:38	3/12/2024 10:00	861.48	0
1701172	3/11/2024 19:41	3/12/2024 9:51	850	0
1320619	3/11/2024 20:02	3/12/2024 8:55	773	0
328408	3/11/2024 20:05	3/12/2024 10:00	834.13	0
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316997	3/11/2024 20:37	3/12/2024 10:00	802.13	0
449377	3/11/2024 20:59	3/11/2024 21:15	16	0
945898	3/11/2024 21:03	3/12/2024 10:00	776.83	0
385332	3/11/2024 21:03	3/12/2024 10:00	776.48	0
955448	3/11/2024 21:04	3/12/2024 10:00	775.27	0
1654064	3/11/2024 21:04	3/12/2024 10:00	775.27	0
2032900	3/11/2024 21:07	3/12/2024 10:00	772.15	0
1332906	3/11/2024 21:07	3/12/2024 10:00	772.15	0
1320008	3/11/2024 21:08	3/12/2024 8:41	693	0
380057	3/11/2024 21:08	3/12/2024 10:00	771.48	0
1064514	3/11/2024 21:09	3/12/2024 10:00	770.27	0
1680655	3/11/2024 21:09	3/12/2024 10:00	770.13	0
1321605	3/11/2024 21:09	3/12/2024 9:24	735	0

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380736	3/11/2024 21:10	3/12/2024 10:00	769.48	0
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510307	3/11/2024 21:10	3/12/2024 10:00	769.48	0
1325985	3/11/2024 21:10	3/12/2024 10:00	769.15	0
675499	3/11/2024 21:10	3/12/2024 10:00	769.83	0
971524	3/11/2024 21:11	3/12/2024 8:54	703	0
1324907	3/11/2024 21:11	3/12/2024 10:00	768.15	0
1407599	3/11/2024 21:11	3/12/2024 10:00	768.15	0
800588	3/11/2024 21:11	3/12/2024 10:00	768.83	0
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926657	3/11/2024 21:12	3/12/2024 10:00	767.83	0
1265778	3/11/2024 21:12	3/12/2024 10:00	767.15	0
1432827	3/11/2024 21:12	3/12/2024 10:00	767.93	0
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342796	3/11/2024 21:12	3/12/2024 10:00	767.13	0
1309098	3/11/2024 21:12	3/12/2024 9:53	761	0
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800590	3/11/2024 21:12	3/12/2024 10:00	767.83	0
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29635	3/11/2024 21:12	3/12/2024 9:28	736	0
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416557	3/11/2024 21:13	3/12/2024 10:00	766.48	0
1503634	3/11/2024 21:13	3/12/2024 10:00	766.15	0
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562727	3/11/2024 21:13	3/12/2024 10:00	766.48	0
627018	3/11/2024 21:13	3/12/2024 8:51	698	0
1324520	3/11/2024 21:13	3/12/2024 10:00	766.15	0
656343	3/11/2024 21:13	3/12/2024 10:00	766.83	0
751178	3/11/2024 21:13	3/12/2024 10:00	766.48	0
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28509	3/11/2024 21:14	3/12/2024 9:12	718	0

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11176351	3/11/2024 21:14	3/12/2024 10:00	765.93	0
1041597	3/11/2024 21:14	3/12/2024 10:00	765.27	0
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549259	3/11/2024 21:14	3/12/2024 10:00	765.48	0
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625386	3/11/2024 21:14	3/12/2024 10:00	765.48	0
1064575	3/11/2024 21:14	3/12/2024 10:00	765.27	0
511223	3/11/2024 21:15	3/12/2024 10:00	764.48	0
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860281	3/11/2024 21:15	3/12/2024 9:51	756	0
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956125	3/11/2024 21:15	3/12/2024 10:00	764.27	0
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8434548	3/11/2024 21:15	3/12/2024 10:00	764.13	0
561757	3/11/2024 21:15	3/12/2024 10:00	764.48	0
314188	3/11/2024 21:15	3/12/2024 10:00	764.13	0
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26864	3/11/2024 21:16	3/12/2024 9:27	731	0
51483	3/11/2024 21:16	3/12/2024 10:00	763.13	0
664453	3/11/2024 21:16	3/12/2024 10:00	763.83	0
445867	3/11/2024 21:16	3/12/2024 10:00	763.48	0
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553755	3/11/2024 21:16	3/12/2024 10:00	763.48	0
574740	3/11/2024 21:16	3/12/2024 10:00	763.48	0
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7879030	3/11/2024 21:16	3/12/2024 10:00	763.48	0
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801004	3/11/2024 21:16	3/12/2024 10:00	763.83	0

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8524544	3/11/2024 21:16	3/12/2024 10:00	763.13	0
1431804	3/11/2024 21:16	3/12/2024 10:00	763.93	0
469018	3/11/2024 21:16	3/12/2024 10:00	763.48	0
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315169	3/11/2024 21:17	3/12/2024 10:00	762.13	0
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643992	3/11/2024 21:17	3/12/2024 10:00	762.48	0
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14239	3/11/2024 21:17	3/12/2024 10:00	762.13	0
1453263	3/11/2024 21:17	3/12/2024 10:00	762.93	0
12377908	3/11/2024 21:17	3/12/2024 10:00	762.13	0
53030	3/11/2024 21:18	3/12/2024 10:00	761.13	0
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1573666	3/11/2024 21:18	3/12/2024 10:00	761.93	0
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660265	3/11/2024 21:18	3/12/2024 10:00	761.83	0
8910809	3/11/2024 21:18	3/12/2024 10:00	761.48	0
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1307575	3/11/2024 21:18	3/12/2024 10:00	761.15	0
645339	3/11/2024 21:18	3/12/2024 10:00	761.48	0
1463520	3/11/2024 21:18	3/12/2024 10:00	761.93	0
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29848	3/11/2024 21:18	3/12/2024 9:12	714	0
1537548	3/11/2024 21:18	3/12/2024 10:00	761.93	0
346288	3/11/2024 21:18	3/12/2024 10:00	761.13	0
1446401	3/11/2024 21:18	3/12/2024 10:00	761.93	0
174362	3/11/2024 21:18	3/12/2024 10:00	761.13	0
11081884	3/11/2024 21:19	3/12/2024 10:00	760.13	0
1493766	3/11/2024 21:19	3/12/2024 10:00	760.15	0
570321	3/11/2024 21:19	3/12/2024 10:00	760.48	0

34887	3/11/2024 21:19	3/12/2024 10:00	760.13	0
1546695	3/11/2024 21:19	3/12/2024 10:00	760.93	0
918098	3/11/2024 21:19	3/12/2024 9:54	755	0
506261	3/11/2024 21:19	3/12/2024 10:00	760.48	0
624901	3/11/2024 21:19	3/12/2024 10:00	760.48	0
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1516579	3/11/2024 21:19	3/12/2024 10:00	760.93	0
957615	3/11/2024 21:19	3/12/2024 10:00	760.27	0
1511532	3/11/2024 21:19	3/12/2024 10:00	760.93	0
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507365	3/11/2024 21:19	3/12/2024 10:00	760.48	0
1508563	3/11/2024 21:19	3/12/2024 10:00	760.93	0
1393633	3/11/2024 21:19	3/12/2024 10:00	760.15	0
56164	3/11/2024 21:19	3/12/2024 10:00	760.13	0
13876	3/11/2024 21:19	3/12/2024 10:00	760.13	0
315730	3/11/2024 21:19	3/12/2024 10:00	760.13	0
274125	3/11/2024 21:19	3/12/2024 10:00	760.13	0
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6995795	3/11/2024 21:19	3/12/2024 10:00	760.48	0
381982	3/11/2024 21:19	3/12/2024 10:00	760.48	0
14605	3/11/2024 21:19	3/12/2024 10:00	760.13	0
1550815	3/11/2024 21:19	3/12/2024 10:00	760.93	0
34905	3/11/2024 21:19	3/12/2024 8:26	667	0
27483	3/11/2024 21:19	3/12/2024 9:14	715	0
13912	3/11/2024 21:19	3/12/2024 10:00	760.13	0
1430553	3/11/2024 21:20	3/12/2024 10:00	759.93	0
1416360	3/11/2024 21:20	3/12/2024 10:00	759.15	0
446329	3/11/2024 21:20	3/12/2024 10:00	759.48	0
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561672	3/11/2024 21:20	3/12/2024 10:00	759.48	0
1537547	3/11/2024 21:20	3/12/2024 10:00	759.93	0
624716	3/11/2024 21:20	3/12/2024 10:00	759.48	0
378229	3/11/2024 21:20	3/12/2024 10:00	759.48	0
627289	3/11/2024 21:20	3/12/2024 8:53	693	0
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1664433	3/11/2024 21:20	3/12/2024 10:00	759.83	0
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574596	3/11/2024 21:20	3/12/2024 9:54	754	0
197356	3/11/2024 21:20	3/12/2024 10:00	759.13	0
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1377303	3/11/2024 21:20	3/12/2024 9:38	738	0
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511266	3/11/2024 21:20	3/12/2024 10:00	759.48	0
1511264	3/11/2024 21:20	3/12/2024 10:00	759.93	0
1393699	3/11/2024 21:20	3/12/2024 9:56	756	0
1523524	3/11/2024 21:20	3/12/2024 9:25	725	0
1556486	3/11/2024 21:20	3/12/2024 10:00	759.93	0
1310926	3/11/2024 21:20	3/12/2024 9:51	751	0
70866	3/11/2024 21:20	3/12/2024 10:00	759.13	0
49209	3/11/2024 21:21	3/12/2024 10:00	758.13	0
23566	3/11/2024 21:21	3/12/2024 10:00	758.13	0
11435788	3/11/2024 21:21	3/12/2024 10:00	758.13	0
68620	3/11/2024 21:21	3/12/2024 10:00	758.13	0
353082	3/11/2024 21:21	3/12/2024 10:00	758.13	0
1466357	3/11/2024 21:21	3/12/2024 10:00	758.93	0
8104722	3/11/2024 21:21	3/12/2024 10:00	758.13	0
25066	3/11/2024 21:21	3/12/2024 10:00	758.13	0
55232	3/11/2024 21:21	3/12/2024 10:00	758.13	0
509102	3/11/2024 21:21	3/12/2024 10:00	758.48	0
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8950281	3/11/2024 21:21	3/12/2024 10:00	758.13	0
56196	3/11/2024 21:21	3/12/2024 10:00	758.13	0
1515733	3/11/2024 21:21	3/12/2024 10:00	758.93	0
1445317	3/11/2024 21:21	3/12/2024 7:56	635	0
189581	3/11/2024 21:21	3/12/2024 8:45	684	0
1515964	3/11/2024 21:21	3/12/2024 10:00	758.93	0
561773	3/11/2024 21:22	3/12/2024 10:00	757.48	0
1565203	3/11/2024 21:22	3/12/2024 10:00	757.93	0
1537992	3/11/2024 21:22	3/12/2024 10:00	757.93	0
345647	3/11/2024 21:22	3/12/2024 10:00	757.13	0
1465391	3/11/2024 21:22	3/12/2024 8:28	666	0
54382	3/11/2024 21:22	3/12/2024 10:00	757.13	0
15611	3/11/2024 21:22	3/12/2024 10:00	757.13	0
1446785	3/11/2024 21:22	3/12/2024 10:00	757.93	0
1493132	3/11/2024 21:22	3/12/2024 9:00	698	0
1444947	3/11/2024 21:22	3/12/2024 10:00	757.93	0
1554218	3/11/2024 21:22	3/12/2024 10:00	757.93	0
601397	3/11/2024 21:22	3/12/2024 10:00	757.48	0
1552154	3/11/2024 21:22	3/12/2024 9:24	722	0
1514004	3/11/2024 21:22	3/12/2024 10:00	757.93	0
1468500	3/11/2024 21:22	3/12/2024 10:00	757.93	0
317084	3/11/2024 21:22	3/12/2024 10:00	757.13	0
605186	3/11/2024 21:22	3/12/2024 10:00	757.48	0
1469866	3/11/2024 21:22	3/12/2024 10:00	757.93	0
1516786	3/11/2024 21:23	3/12/2024 10:00	756.93	0
10659831	3/11/2024 21:23	3/12/2024 10:00	756.93	0
313269	3/11/2024 21:23	3/12/2024 10:00	756.13	0
1193174	3/11/2024 21:23	3/12/2024 10:00	756.15	0

308622	3/11/2024 21:23	3/12/2024 10:00	756.13	0
1604432	3/11/2024 21:23	3/12/2024 9:07	704	0
320966	3/11/2024 21:23	3/12/2024 9:17	714	0
24124	3/11/2024 21:23	3/12/2024 9:25	722	0
1591422	3/11/2024 21:24	3/12/2024 10:00	755.93	0
1520832	3/11/2024 21:24	3/12/2024 10:00	755.93	0
8068454	3/11/2024 21:24	3/12/2024 10:00	755.48	0
6714863	3/11/2024 21:24	3/12/2024 10:00	755.83	0
1556243	3/11/2024 21:24	3/12/2024 10:00	755.93	0
1537447	3/11/2024 21:24	3/12/2024 10:00	755.93	0
1555268	3/11/2024 21:24	3/12/2024 10:00	755.93	0
9063373	3/11/2024 21:24	3/12/2024 9:52	748	0
276488	3/11/2024 21:24	3/12/2024 10:00	755.13	0
1375642	3/11/2024 21:24	3/12/2024 10:00	755.15	0
574993	3/11/2024 21:24	3/12/2024 9:08	704	0
1394324	3/11/2024 21:24	3/12/2024 9:48	744	0
859747	3/11/2024 21:24	3/12/2024 9:50	746	0
10013697	3/11/2024 21:24	3/12/2024 10:00	755.93	0
1641091	3/11/2024 21:24	3/12/2024 9:23	719	0
1685329	3/11/2024 21:25	3/12/2024 10:00	754.15	0
277301	3/11/2024 21:25	3/12/2024 10:00	754.13	0
314350	3/11/2024 21:25	3/12/2024 10:00	754.13	0
644056	3/11/2024 21:25	3/12/2024 10:00	754.48	0
1556434	3/11/2024 21:25	3/12/2024 10:00	754.93	0
69207	3/11/2024 21:26	3/12/2024 10:00	753.13	0
1516739	3/11/2024 21:26	3/12/2024 10:00	753.93	0
1515678	3/11/2024 21:26	3/12/2024 10:00	753.93	0
1537541	3/11/2024 21:27	3/12/2024 10:00	752.93	0
27443	3/11/2024 21:27	3/12/2024 9:27	720	0
1551513	3/11/2024 21:28	3/12/2024 10:00	751.93	0
449377	3/11/2024 21:41	3/11/2024 22:39	58	0
1456419	3/11/2024 21:45	3/12/2024 10:00	734.93	0
1551510	3/11/2024 22:09	3/12/2024 10:00	710.93	0
10433250	3/11/2024 22:35	3/12/2024 9:31	656	0
449377	3/11/2024 22:39	3/11/2024 23:21	42	0
1430644	3/11/2024 22:43	3/12/2024 10:00	676.93	0
449377	3/11/2024 23:21	3/12/2024 0:13	52	0
449377	3/12/2024 0:13	3/12/2024 0:34	21	0
449377	3/12/2024 0:34	3/12/2024 1:43	69	0
449377	3/12/2024 1:43	3/12/2024 2:40	57	0
449377	3/12/2024 2:40	3/12/2024 5:07	147	0
449377	3/12/2024 5:07	3/12/2024 5:34	27	0
449377	3/12/2024 5:34	3/12/2024 6:26	52	0
449377	3/12/2024 6:26	3/12/2024 7:55	89	0
202435	3/12/2024 7:15	3/12/2024 10:00	164.13	0
449377	3/12/2024 7:55	3/12/2024 8:16	21	0
1445317	3/12/2024 7:56	3/12/2024 10:00	123.93	0

1376158	3/12/2024 8:00	3/12/2024 10:00	119.15	0
449377	3/12/2024 8:16	3/12/2024 9:14	58	0
317233	3/12/2024 8:25	3/12/2024 10:00	94.13	0
25674	3/12/2024 8:26	3/12/2024 10:00	93.13	0
34905	3/12/2024 8:26	3/12/2024 10:00	93.13	0
975032	3/12/2024 8:28	3/12/2024 9:10	42	0
1465391	3/12/2024 8:28	3/12/2024 10:00	91.93	0
188639	3/12/2024 8:29	3/12/2024 10:00	90.13	0
34613	3/12/2024 8:29	3/12/2024 10:00	90.13	0.04
593397	3/12/2024 8:29	3/12/2024 10:00	90.48	0
317797	3/12/2024 8:29	3/12/2024 10:00	90.13	0
593798	3/12/2024 8:33	3/12/2024 10:00	86.48	0
1320008	3/12/2024 8:41	3/12/2024 10:00	78.15	0
189581	3/12/2024 8:45	3/12/2024 9:11	26	0
353728	3/12/2024 8:46	3/12/2024 10:00	73.13	0
627018	3/12/2024 8:51	3/12/2024 10:00	68.48	0
627289	3/12/2024 8:53	3/12/2024 10:00	66.48	0
1321114	3/12/2024 8:53	3/12/2024 9:25	32	0
971524	3/12/2024 8:54	3/12/2024 10:00	65.48	0
658642	3/12/2024 8:55	3/12/2024 10:00	64.83	0
1320646	3/12/2024 8:55	3/12/2024 9:26	31	0
1320619	3/12/2024 8:55	3/12/2024 9:26	31	0
1493132	3/12/2024 9:00	3/12/2024 10:00	59.15	0
1604432	3/12/2024 9:07	3/12/2024 9:49	42	0
574993	3/12/2024 9:08	3/12/2024 10:00	51.48	0
30471	3/12/2024 9:09	3/12/2024 10:00	50.13	0
975032	3/12/2024 9:10	3/12/2024 9:25	15	0
189581	3/12/2024 9:11	3/12/2024 10:00	48.13	0
29848	3/12/2024 9:12	3/12/2024 10:00	47.13	0
28509	3/12/2024 9:12	3/12/2024 10:00	47.13	0
449377	3/12/2024 9:14	3/12/2024 9:40	26	0
27483	3/12/2024 9:14	3/12/2024 10:00	45.13	0
320966	3/12/2024 9:17	3/12/2024 10:00	42.13	0
1641091	3/12/2024 9:23	3/12/2024 10:00	36.93	0
1321605	3/12/2024 9:24	3/12/2024 10:00	35.15	0
1552154	3/12/2024 9:24	3/12/2024 10:00	35.93	0
1268231	3/12/2024 9:24	3/12/2024 10:00	35.27	0
1321114	3/12/2024 9:25	3/12/2024 10:00	34.15	0
975032	3/12/2024 9:25	3/12/2024 9:41	16	0
1523524	3/12/2024 9:25	3/12/2024 10:00	34.93	0
24124	3/12/2024 9:25	3/12/2024 10:00	34.13	0
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1320619	3/12/2024 9:26	3/12/2024 10:00	33.15	0
26864	3/12/2024 9:27	3/12/2024 10:00	32.13	0
27443	3/12/2024 9:27	3/12/2024 10:00	32.13	0
29635	3/12/2024 9:28	3/12/2024 10:00	31.13	0
23462	3/12/2024 9:28	3/12/2024 10:00	31.13	0

29748	3/12/2024 9:29	3/12/2024 10:00	30.13	0
10433250	3/12/2024 9:31	3/12/2024 10:00	28.15	0
1377303	3/12/2024 9:38	3/12/2024 10:00	21.15	0
449377	3/12/2024 9:40	3/12/2024 10:00	19.48	0
975032	3/12/2024 9:41	3/12/2024 10:00	18.27	0
1624452	3/12/2024 9:47	3/12/2024 10:00	12.93	0
1394324	3/12/2024 9:48	3/12/2024 10:00	11.15	0
1430294	3/12/2024 9:48	3/12/2024 10:00	11.93	0
1604432	3/12/2024 9:49	3/12/2024 10:00	10.93	0
859747	3/12/2024 9:50	3/12/2024 10:00	9.83	0
1310926	3/12/2024 9:51	3/12/2024 10:00	8.15	0
1701172	3/12/2024 9:51	3/12/2024 10:00	8.15	0
860281	3/12/2024 9:51	3/12/2024 10:00	8.83	0
9063373	3/12/2024 9:52	3/12/2024 10:00	7.15	0
1309098	3/12/2024 9:53	3/12/2024 10:00	6.15	0
918098	3/12/2024 9:54	3/12/2024 10:00	5.83	0
574596	3/12/2024 9:54	3/12/2024 10:00	5.48	0
1393699	3/12/2024 9:56	3/12/2024 10:00	3.15	0
1494722	3/12/2024 9:59	3/12/2024 10:00	0.15	0
1599209	3/12/2024 9:59	3/12/2024 10:00	0.93	0
447406	3/12/2024 10:00	3/12/2024 13:55	235	0
953854	3/12/2024 10:00	3/13/2024 10:00	1439.27	0
315730	3/12/2024 10:00	3/12/2024 21:12	672	1.74
96751	3/12/2024 10:00	3/13/2024 10:00	1439.13	0
345752	3/12/2024 10:00	3/13/2024 10:00	1439.13	0
1417138	3/12/2024 10:00	3/12/2024 11:23	83	0
675499	3/12/2024 10:00	3/12/2024 14:03	243	0
49209	3/12/2024 10:00	3/12/2024 21:14	674	0
353728	3/12/2024 10:00	3/12/2024 14:01	241	0
8950281	3/12/2024 10:00	3/12/2024 14:35	275	0
1377303	3/12/2024 10:00	3/12/2024 21:18	678	0
562202	3/12/2024 10:00	3/13/2024 10:00	1439.48	0
1604432	3/12/2024 10:00	3/12/2024 21:16	676	2.57
70866	3/12/2024 10:00	3/12/2024 20:51	651	0
8910809	3/12/2024 10:00	3/13/2024 10:00	1439.48	0
1368580	3/12/2024 10:00	3/13/2024 10:00	1439.15	0
9063373	3/12/2024 10:00	3/12/2024 11:21	81	0
10714479	3/12/2024 10:00	3/13/2024 10:00	1439.93	0
506261	3/12/2024 10:00	3/12/2024 21:12	672	0.28
1366197	3/12/2024 10:00	3/13/2024 10:00	1439.15	0
315169	3/12/2024 10:00	3/12/2024 21:10	670	0
1324520	3/12/2024 10:00	3/13/2024 10:00	1439.15	0
1268231	3/12/2024 10:00	3/12/2024 11:35	95	0
7879030	3/12/2024 10:00	3/13/2024 10:00	1439.48	0
10222019	3/12/2024 10:00	3/13/2024 10:00	1439.15	0
314188	3/12/2024 10:00	3/12/2024 21:09	669	0
10433250	3/12/2024 10:00	3/12/2024 11:16	76	0

51483	3/12/2024 10:00	3/12/2024 14:32	272	0.63
1453263	3/12/2024 10:00	3/12/2024 14:27	267	0
574993	3/12/2024 10:00	3/12/2024 21:23	683	0
1413046	3/12/2024 10:00	3/13/2024 10:00	1439.15	0
1680655	3/12/2024 10:00	3/13/2024 10:00	1439.13	0
444688	3/12/2024 10:00	3/13/2024 10:00	1439.48	0
956579	3/12/2024 10:00	3/13/2024 10:00	1439.27	0
1556434	3/12/2024 10:00	3/12/2024 21:20	680	0.24
1394324	3/12/2024 10:00	3/12/2024 11:17	77	0
1552154	3/12/2024 10:00	3/12/2024 14:07	247	0.38
1554218	3/12/2024 10:00	3/12/2024 21:16	676	0
1556486	3/12/2024 10:00	3/12/2024 21:12	672	0
859747	3/12/2024 10:00	3/12/2024 21:18	678	0
188789	3/12/2024 10:00	3/13/2024 10:00	1439.13	0
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860281	3/12/2024 10:00	3/12/2024 21:08	668	0
47769	3/12/2024 10:00	3/12/2024 21:06	666	0
1352388	3/12/2024 10:00	3/13/2024 10:00	1439.15	0
1321114	3/12/2024 10:06	3/12/2024 14:24	258	0
1288420	3/12/2024 10:06	3/13/2024 10:00	1433.15	0
262048	3/12/2024 10:06	3/12/2024 21:08	662	4.3
1310926	3/12/2024 10:06	3/12/2024 21:13	667	0.74
316997	3/12/2024 10:06	3/12/2024 20:09	603	0.62
1701172	3/12/2024 10:07	3/12/2024 14:24	257	0
945898	3/12/2024 10:07	3/12/2024 20:59	652	0
7937779	3/12/2024 10:07	3/12/2024 21:13	666	0
1664433	3/12/2024 10:07	3/12/2024 16:09	362	0
317084	3/12/2024 10:07	3/12/2024 13:11	184	0
1422300	3/12/2024 10:07	3/13/2024 10:00	1432.15	0
319279	3/12/2024 10:07	3/13/2024 10:00	1432.13	0
253877	3/12/2024 10:07	3/13/2024 10:00	1432.13	0
8724096	3/12/2024 10:07	3/13/2024 10:00	1432.15	0
601397	3/12/2024 10:07	3/12/2024 11:36	89	0
8104722	3/12/2024 10:08	3/12/2024 20:13	605	0
1624452	3/12/2024 10:08	3/12/2024 11:32	84	0
202435	3/12/2024 10:08	3/13/2024 10:00	1431.13	0
1320646	3/12/2024 10:08	3/12/2024 14:25	257	0.73
852071	3/12/2024 10:08	3/12/2024 11:37	89	0
1320619	3/12/2024 10:08	3/12/2024 14:22	254	0
1513541	3/12/2024 10:08	3/13/2024 10:00	1431.93	0
6280623	3/12/2024 10:08	3/12/2024 20:09	601	0.07
554089	3/12/2024 10:08	3/13/2024 10:00	1431.48	0
1319739	3/12/2024 10:08	3/13/2024 10:00	1431.15	0
1456419	3/12/2024 10:08	3/12/2024 14:25	257	0
314899	3/12/2024 10:09	3/12/2024 20:14	605	0
574596	3/12/2024 10:09	3/12/2024 21:14	665	0
1309098	3/12/2024 10:09	3/12/2024 21:05	656	2.19

975066	3/12/2024 10:09	3/12/2024 11:44	95	0
1516786	3/12/2024 10:09	3/12/2024 21:20	671	2.22
605186	3/12/2024 10:09	3/12/2024 11:39	90	0
25674	3/12/2024 10:10	3/12/2024 14:12	242	0
317233	3/12/2024 10:10	3/12/2024 20:13	603	0.86
1320845	3/12/2024 10:10	3/12/2024 14:22	252	0.94
2032900	3/12/2024 10:10	3/12/2024 14:22	252	0
1320008	3/12/2024 10:10	3/12/2024 14:25	255	1.34
523489	3/12/2024 10:10	3/12/2024 20:16	606	2.01
8148103	3/12/2024 10:11	3/12/2024 20:16	605	0.91
34905	3/12/2024 10:11	3/12/2024 14:12	241	0.51
1321605	3/12/2024 10:11	3/12/2024 14:22	251	1.75
1511251	3/12/2024 10:11	3/12/2024 14:10	239	0
1641091	3/12/2024 10:11	3/12/2024 14:07	236	1.55
27483	3/12/2024 10:12	3/12/2024 14:13	241	0.69
34887	3/12/2024 10:12	3/12/2024 11:15	63	0
35442	3/12/2024 10:12	3/12/2024 11:12	60	0
1523524	3/12/2024 10:12	3/12/2024 14:08	236	2.65
1393699	3/12/2024 10:12	3/12/2024 14:13	241	1.73
24124	3/12/2024 10:12	3/12/2024 14:14	242	0
34832	3/12/2024 10:13	3/12/2024 11:12	59	0
1515733	3/12/2024 10:13	3/12/2024 21:19	666	2.26
975032	3/12/2024 10:13	3/12/2024 11:42	89	0
1565203	3/12/2024 10:14	3/12/2024 14:15	241	0
317797	3/12/2024 10:14	3/12/2024 20:15	601	0
1190246	3/12/2024 10:14	3/12/2024 20:18	604	0
189581	3/12/2024 10:14	3/12/2024 14:15	241	0
593397	3/12/2024 10:14	3/12/2024 21:10	656	0
1493132	3/12/2024 10:14	3/12/2024 21:15	661	7.29
320966	3/12/2024 10:15	3/12/2024 21:11	656	0
29635	3/12/2024 10:15	3/12/2024 14:16	241	0
26864	3/12/2024 10:15	3/12/2024 11:12	57	0
29848	3/12/2024 10:15	3/12/2024 14:16	241	1.78
28509	3/12/2024 10:15	3/12/2024 21:11	656	0
188639	3/12/2024 10:15	3/12/2024 14:10	235	1.66
1041597	3/12/2024 10:17	3/12/2024 11:30	73	0
449036	3/12/2024 10:17	3/12/2024 11:36	79	0.33
449377	3/12/2024 10:17	3/12/2024 11:14	57	0
1251782	3/12/2024 10:18	3/12/2024 21:18	660	0
593798	3/12/2024 10:18	3/12/2024 21:08	650	0
274125	3/12/2024 10:18	3/12/2024 11:37	79	0
56196	3/12/2024 10:19	3/12/2024 14:30	251	0.07
264379	3/12/2024 10:19	3/12/2024 21:07	648	0
4173986	3/12/2024 10:19	3/12/2024 11:37	78	0
1430294	3/12/2024 10:20	3/12/2024 21:16	656	0.29
67738	3/12/2024 10:20	3/12/2024 20:50	630	0
274059	3/12/2024 10:20	3/12/2024 11:39	79	0

1494722	3/12/2024 10:20	3/12/2024 14:11	231	2.09
276488	3/12/2024 10:21	3/12/2024 11:35	74	0
507365	3/12/2024 10:21	3/12/2024 21:12	651	0
277818	3/12/2024 10:22	3/12/2024 11:35	73	0
1524033	3/12/2024 10:22	3/12/2024 14:08	226	2.57
277301	3/12/2024 10:22	3/12/2024 11:36	74	0
511266	3/12/2024 10:22	3/12/2024 21:13	651	0
553863	3/12/2024 10:23	3/12/2024 11:41	78	0
510307	3/12/2024 10:24	3/12/2024 21:08	644	0.57
23462	3/12/2024 10:24	3/12/2024 14:15	231	0
30471	3/12/2024 10:26	3/12/2024 21:14	648	0
918098	3/12/2024 10:26	3/12/2024 11:55	89	0
1393633	3/12/2024 10:26	3/12/2024 14:12	226	4.05
664453	3/12/2024 10:28	3/12/2024 21:08	640	0
1376158	3/12/2024 10:30	3/12/2024 20:33	603	0
816722	3/12/2024 10:31	3/12/2024 21:05	634	0
817825	3/12/2024 10:31	3/12/2024 21:11	640	0
416557	3/12/2024 10:32	3/12/2024 21:07	635	0
561672	3/12/2024 10:33	3/12/2024 11:31	58	0
1511264	3/12/2024 10:34	3/12/2024 14:09	215	0
646026	3/12/2024 10:35	3/12/2024 11:38	63	0
926657	3/12/2024 10:35	3/12/2024 11:06	31	0
645339	3/12/2024 10:36	3/12/2024 11:39	63	0
8068454	3/12/2024 10:37	3/12/2024 11:50	73	0
1638359	3/12/2024 10:37	3/12/2024 21:13	636	0
1638308	3/12/2024 10:38	3/12/2024 21:22	644	0.47
1638479	3/12/2024 10:39	3/12/2024 21:15	636	0
551972	3/12/2024 10:40	3/12/2024 11:54	74	0
790670	3/12/2024 10:41	3/12/2024 11:39	58	0
385332	3/12/2024 10:41	3/12/2024 21:00	619	0
954332	3/12/2024 10:41	3/12/2024 21:04	623	1.09
793285	3/12/2024 10:42	3/12/2024 11:40	58	0
1375642	3/12/2024 10:43	3/12/2024 21:18	635	0
955448	3/12/2024 10:43	3/12/2024 21:03	620	0
6714863	3/12/2024 10:43	3/12/2024 11:38	55	0
549370	3/12/2024 10:43	3/12/2024 11:56	73	0
957216	3/12/2024 10:44	3/12/2024 21:14	630	0
587455	3/12/2024 10:44	3/12/2024 14:15	211	0
954637	3/12/2024 10:44	3/12/2024 21:03	619	0
15611	3/12/2024 10:45	3/12/2024 11:01	16	0
54282	3/12/2024 10:46	3/13/2024 10:00	1393.13	0
13876	3/12/2024 10:46	3/12/2024 11:02	16	0
14239	3/12/2024 10:46	3/12/2024 11:01	15	0
1556243	3/12/2024 10:47	3/12/2024 21:17	630	0
66588	3/12/2024 10:47	3/12/2024 21:07	620	0
1064514	3/12/2024 10:48	3/12/2024 11:04	16	0
1064575	3/12/2024 10:48	3/12/2024 11:03	15	0

198082	3/12/2024 10:48	3/12/2024 11:04	16	0
13912	3/12/2024 10:48	3/12/2024 11:18	30	0
11176351	3/12/2024 10:48	3/12/2024 11:35	47	0
1654064	3/12/2024 10:48	3/12/2024 21:02	614	0.44
14605	3/12/2024 10:48	3/12/2024 11:04	16	0
69207	3/12/2024 10:49	3/12/2024 20:53	604	0
11081884	3/12/2024 10:49	3/12/2024 21:14	625	0
308622	3/12/2024 10:49	3/12/2024 11:36	47	0
11435788	3/12/2024 10:49	3/12/2024 11:00	11	0
197883	3/12/2024 10:49	3/12/2024 21:13	624	0.79
68620	3/12/2024 10:50	3/12/2024 20:54	604	0.04
861053	3/12/2024 10:50	3/12/2024 21:14	624	0
1638431	3/12/2024 10:50	3/12/2024 11:22	32	0
190372	3/12/2024 10:50	3/13/2024 10:00	1389.13	0
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865320	3/12/2024 10:51	3/12/2024 21:07	616	0
68308	3/12/2024 10:51	3/12/2024 20:55	604	0
800600	3/12/2024 10:51	3/12/2024 21:11	620	0
12377908	3/12/2024 10:51	3/12/2024 11:33	42	0
196408	3/12/2024 10:51	3/12/2024 21:12	621	0
1265778	3/12/2024 10:51	3/12/2024 21:10	619	0
66685	3/12/2024 10:51	3/12/2024 21:19	628	0
10659831	3/12/2024 10:52	3/12/2024 14:06	194	0
860934	3/12/2024 10:52	3/12/2024 21:12	620	0.13
865262	3/12/2024 10:53	3/12/2024 21:13	620	1.8
801004	3/12/2024 10:53	3/12/2024 21:12	619	0
552210	3/12/2024 10:53	3/12/2024 14:23	210	0
12682110	3/12/2024 10:54	3/12/2024 14:08	194	2.12
903630	3/12/2024 10:54	3/12/2024 11:10	16	0
564518	3/12/2024 10:55	3/12/2024 11:43	48	0
281056	3/12/2024 10:55	3/12/2024 21:14	619	0.06
800588	3/12/2024 10:55	3/12/2024 21:05	610	0
800590	3/12/2024 10:56	3/12/2024 21:04	608	0.86
280173	3/12/2024 10:57	3/12/2024 21:08	611	1.05
281235	3/12/2024 10:58	3/12/2024 21:14	616	0
6828301	3/12/2024 10:58	3/12/2024 21:16	618	0
956125	3/12/2024 10:59	3/12/2024 21:12	613	2.71
353082	3/12/2024 10:59	3/12/2024 21:13	614	1.61
11435788	3/12/2024 11:00	3/12/2024 11:16	16	0.02
353651	3/12/2024 11:00	3/12/2024 21:14	614	0
15611	3/12/2024 11:01	3/12/2024 11:17	16	0
1514004	3/12/2024 11:01	3/12/2024 21:15	614	0
563721	3/12/2024 11:01	3/12/2024 11:32	31	0
14239	3/12/2024 11:01	3/12/2024 11:17	16	0
321287	3/12/2024 11:02	3/12/2024 21:11	609	2.51
13876	3/12/2024 11:02	3/12/2024 11:17	15	0
1672784	3/12/2024 11:03	3/13/2024 10:00	1376.48	0.17

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926638	3/12/2024 11:03	3/12/2024 14:17	194	0
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198082	3/12/2024 11:04	3/12/2024 11:20	16	0
926505	3/12/2024 11:04	3/12/2024 14:18	194	0.12
14605	3/12/2024 11:04	3/12/2024 11:14	10	0
197356	3/12/2024 11:05	3/12/2024 21:14	609	0
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916441	3/12/2024 11:05	3/12/2024 21:14	609	0
1683861	3/12/2024 11:06	3/12/2024 21:10	604	1.03
926657	3/12/2024 11:06	3/12/2024 11:33	27	0
1431804	3/12/2024 11:06	3/12/2024 21:15	609	0
926503	3/12/2024 11:06	3/12/2024 14:20	194	0
196965	3/12/2024 11:07	3/12/2024 21:11	604	0.49
1432827	3/12/2024 11:07	3/12/2024 21:11	604	1.7
916151	3/12/2024 11:08	3/13/2024 10:00	1371.83	0
1508563	3/12/2024 11:08	3/12/2024 14:36	208	0.84
1518000	3/12/2024 11:08	3/12/2024 14:12	184	0
1416360	3/12/2024 11:09	3/12/2024 21:17	608	0
656343	3/12/2024 11:09	3/12/2024 21:06	597	1.32
1414392	3/12/2024 11:09	3/12/2024 21:13	604	0
989956	3/12/2024 11:09	3/12/2024 14:23	194	0
1511532	3/12/2024 11:09	3/12/2024 14:13	184	1.71
1415828	3/12/2024 11:10	3/12/2024 21:09	599	0
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1465391	3/12/2024 11:11	3/12/2024 21:15	604	0
26864	3/12/2024 11:12	3/12/2024 14:16	184	0
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35442	3/12/2024 11:12	3/12/2024 21:14	602	0
381338	3/12/2024 11:12	3/12/2024 21:15	603	0
34832	3/12/2024 11:12	3/12/2024 21:13	601	0.21
1599209	3/12/2024 11:13	3/12/2024 21:06	593	0
174362	3/12/2024 11:13	3/12/2024 21:12	599	0
449377	3/12/2024 11:14	3/12/2024 11:57	43	0
549259	3/12/2024 11:14	3/12/2024 11:56	42	0
14605	3/12/2024 11:14	3/12/2024 13:31	137	0.05
25066	3/12/2024 11:15	3/13/2024 10:00	1364.13	0
169731	3/12/2024 11:15	3/12/2024 21:13	598	0
34887	3/12/2024 11:15	3/12/2024 21:11	596	0
577134	3/12/2024 11:16	3/12/2024 11:48	32	0
23566	3/12/2024 11:16	3/12/2024 14:16	180	0
11435788	3/12/2024 11:16	3/12/2024 13:32	136	0.35
10433250	3/12/2024 11:16	3/12/2024 21:10	594	1.95
13876	3/12/2024 11:17	3/12/2024 21:14	597	0

15611	3/12/2024 11:17	3/12/2024 13:33	136	0
1394324	3/12/2024 11:17	3/12/2024 14:35	198	0
14239	3/12/2024 11:17	3/12/2024 13:34	137	0
13912	3/12/2024 11:18	3/12/2024 14:05	167	0
456084	3/12/2024 11:18	3/12/2024 21:11	593	0
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1394442	3/12/2024 11:18	3/13/2024 10:00	1361.15	0
265473	3/12/2024 11:18	3/12/2024 21:12	594	0
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1394543	3/12/2024 11:19	3/13/2024 10:00	1360.15	0
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1394467	3/12/2024 11:19	3/13/2024 10:00	1360.15	0
1430644	3/12/2024 11:19	3/12/2024 21:17	598	0.15
500173	3/12/2024 11:19	3/12/2024 21:07	588	4.37
579180	3/12/2024 11:19	3/12/2024 11:45	26	0
623069	3/12/2024 11:19	3/12/2024 14:07	168	0
519373	3/12/2024 11:19	3/12/2024 21:17	598	0.22
578557	3/12/2024 11:19	3/12/2024 12:00	41	0
1430553	3/12/2024 11:20	3/12/2024 21:19	599	0
623871	3/12/2024 11:20	3/12/2024 14:08	168	0
198082	3/12/2024 11:20	3/12/2024 21:18	598	0
1064514	3/12/2024 11:20	3/12/2024 21:08	588	0
624716	3/12/2024 11:20	3/12/2024 13:52	152	0.06
627289	3/12/2024 11:20	3/12/2024 12:23	63	0
1430838	3/12/2024 11:20	3/12/2024 21:18	598	0
9063373	3/12/2024 11:21	3/12/2024 11:37	16	0
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971524	3/12/2024 11:21	3/12/2024 12:24	63	0
903630	3/12/2024 11:21	3/12/2024 21:08	587	0.46
574224	3/12/2024 11:21	3/12/2024 21:14	593	0
1638431	3/12/2024 11:22	3/12/2024 21:19	597	0
1267978	3/12/2024 11:22	3/12/2024 11:53	31	0
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1417138	3/12/2024 11:23	3/12/2024 11:33	10	0
8717997	3/12/2024 11:23	3/12/2024 21:06	583	0
500322	3/12/2024 11:24	3/13/2024 10:00	1355.48	0
627018	3/12/2024 11:24	3/12/2024 12:21	57	0.08
623612	3/12/2024 11:24	3/12/2024 14:06	162	0
1488059	3/12/2024 11:24	3/13/2024 10:00	1355.27	0
127206	3/12/2024 11:24	3/13/2024 10:00	1355.13	0
500145	3/12/2024 11:24	3/13/2024 10:00	1355.48	0
510522	3/12/2024 11:24	3/12/2024 21:15	591	0
511223	3/12/2024 11:25	3/12/2024 21:13	588	0
1493766	3/12/2024 11:25	3/12/2024 21:12	587	0
509102	3/12/2024 11:26	3/12/2024 21:14	588	0
1487010	3/12/2024 11:26	3/12/2024 11:42	16	0
1385431	3/12/2024 11:26	3/12/2024 21:16	590	1.42

975191	3/12/2024 11:30	3/12/2024 11:40	10	0
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1466357	3/12/2024 11:30	3/12/2024 21:12	582	0
561672	3/12/2024 11:31	3/12/2024 14:20	169	0
1624452	3/12/2024 11:32	3/12/2024 13:48	136	0
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926657	3/12/2024 11:33	3/12/2024 12:04	31	0
328113	3/12/2024 11:33	3/12/2024 13:03	90	0.91
1538577	3/12/2024 11:34	3/12/2024 11:50	16	0
562727	3/12/2024 11:34	3/12/2024 14:17	163	0
852125	3/12/2024 11:34	3/12/2024 11:50	16	0
1268231	3/12/2024 11:35	3/12/2024 11:51	16	0
276488	3/12/2024 11:35	3/12/2024 11:50	15	0
1539391	3/12/2024 11:35	3/12/2024 11:51	16	0
277818	3/12/2024 11:35	3/12/2024 11:50	15	0
11176351	3/12/2024 11:35	3/12/2024 13:46	131	0.74
10393495	3/12/2024 11:36	3/12/2024 11:52	16	0
449036	3/12/2024 11:36	3/12/2024 14:19	163	0.53
277301	3/12/2024 11:36	3/12/2024 11:51	15	0
308622	3/12/2024 11:36	3/12/2024 14:19	163	0
601397	3/12/2024 11:36	3/12/2024 11:52	16	0
9063373	3/12/2024 11:37	3/12/2024 12:19	42	0
4173986	3/12/2024 11:37	3/12/2024 11:53	16	0
852071	3/12/2024 11:37	3/12/2024 11:53	16	0
274125	3/12/2024 11:37	3/12/2024 11:53	16	0
6714863	3/12/2024 11:38	3/12/2024 12:10	32	0
646026	3/12/2024 11:38	3/12/2024 14:37	179	0
605186	3/12/2024 11:39	3/12/2024 11:54	15	0
645339	3/12/2024 11:39	3/12/2024 14:37	178	1.31
790670	3/12/2024 11:39	3/12/2024 12:10	31	0
274059	3/12/2024 11:39	3/12/2024 11:50	11	0
975191	3/12/2024 11:40	3/12/2024 12:12	32	0
793285	3/12/2024 11:40	3/12/2024 12:11	31	0
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975032	3/12/2024 11:42	3/12/2024 11:58	16	0
1487010	3/12/2024 11:42	3/12/2024 11:57	15	0
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975066	3/12/2024 11:44	3/12/2024 11:59	15	0
579180	3/12/2024 11:45	3/12/2024 13:05	80	0
1041597	3/12/2024 11:46	3/12/2024 12:33	47	0
577134	3/12/2024 11:48	3/12/2024 13:01	73	0.36
578363	3/12/2024 11:49	3/12/2024 13:03	74	0.29
277818	3/12/2024 11:50	3/12/2024 12:22	32	0
878149	3/12/2024 11:50	3/12/2024 14:23	153	0
276488	3/12/2024 11:50	3/12/2024 12:22	32	0

852125	3/12/2024 11:50	3/12/2024 12:37	47	0
1538577	3/12/2024 11:50	3/12/2024 14:22	152	0
8068454	3/12/2024 11:50	3/12/2024 14:22	152	0
274059	3/12/2024 11:50	3/12/2024 12:26	36	0
1268231	3/12/2024 11:51	3/12/2024 12:54	63	0
277301	3/12/2024 11:51	3/12/2024 12:23	32	0
1539391	3/12/2024 11:51	3/12/2024 14:23	152	0
10393495	3/12/2024 11:52	3/12/2024 12:23	31	0
601397	3/12/2024 11:52	3/12/2024 14:08	136	0
1267978	3/12/2024 11:53	3/12/2024 12:51	58	0
612938	3/12/2024 11:53	3/12/2024 12:55	62	0.14
4173986	3/12/2024 11:53	3/12/2024 12:19	26	0
274125	3/12/2024 11:53	3/12/2024 12:20	27	0
852071	3/12/2024 11:53	3/12/2024 12:35	42	0
605186	3/12/2024 11:54	3/12/2024 14:06	132	0.81
551972	3/12/2024 11:54	3/12/2024 12:10	16	0
918098	3/12/2024 11:55	3/12/2024 14:23	148	0
549370	3/12/2024 11:56	3/12/2024 12:12	16	0
549259	3/12/2024 11:56	3/12/2024 12:11	15	0
1487010	3/12/2024 11:57	3/12/2024 12:13	16	0
449377	3/12/2024 11:57	3/12/2024 12:23	26	0
553863	3/12/2024 11:57	3/12/2024 12:55	58	0
975032	3/12/2024 11:58	3/12/2024 12:13	15	0
975066	3/12/2024 11:59	3/12/2024 12:10	11	0
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441757	3/12/2024 12:00	3/13/2024 10:00	1319.48	0
450309	3/12/2024 12:03	3/12/2024 13:48	105	0
926657	3/12/2024 12:04	3/12/2024 14:21	137	0
551972	3/12/2024 12:10	3/13/2024 10:00	1309.48	0
975066	3/12/2024 12:10	3/12/2024 13:47	97	0
790670	3/12/2024 12:10	3/12/2024 14:53	163	0
6714863	3/12/2024 12:10	3/12/2024 14:52	162	0
549259	3/12/2024 12:11	3/12/2024 14:54	163	0
265955	3/12/2024 12:11	3/13/2024 10:00	1308.13	0
793285	3/12/2024 12:11	3/12/2024 14:54	163	1.11
549370	3/12/2024 12:12	3/13/2024 10:00	1307.48	0
975191	3/12/2024 12:12	3/12/2024 14:13	121	0
975032	3/12/2024 12:13	3/12/2024 14:14	121	0
1487010	3/12/2024 12:13	3/13/2024 10:00	1306.27	0
4173986	3/12/2024 12:19	3/12/2024 13:01	42	0
9063373	3/12/2024 12:19	3/12/2024 14:36	137	0
274125	3/12/2024 12:20	3/12/2024 13:03	43	0
627018	3/12/2024 12:21	3/12/2024 14:22	121	0.09
277818	3/12/2024 12:22	3/12/2024 13:04	42	0
276488	3/12/2024 12:22	3/12/2024 13:04	42	0.05
627289	3/12/2024 12:23	3/12/2024 14:24	121	0
10393495	3/12/2024 12:23	3/12/2024 13:00	37	0

277301	3/12/2024 12:23	3/12/2024 13:00	37	0
449377	3/12/2024 12:23	3/12/2024 12:39	16	0
971524	3/12/2024 12:24	3/12/2024 14:25	121	0
274059	3/12/2024 12:26	3/12/2024 13:03	37	0
1041597	3/12/2024 12:33	3/12/2024 14:18	105	0
852071	3/12/2024 12:35	3/13/2024 10:00	1284.83	0
852125	3/12/2024 12:37	3/13/2024 10:00	1282.83	0
449377	3/12/2024 12:39	3/12/2024 13:26	47	0
1321663	3/12/2024 12:43	3/13/2024 9:25	1242	0
1321750	3/12/2024 12:46	3/13/2024 9:56	1270	0
1267978	3/12/2024 12:51	3/12/2024 14:24	93	0
1417138	3/12/2024 12:52	3/12/2024 13:50	58	0
1268231	3/12/2024 12:54	3/13/2024 9:18	1224	0
553863	3/12/2024 12:55	3/12/2024 13:42	47	0
612938	3/12/2024 12:55	3/13/2024 10:00	1264.48	0
564518	3/12/2024 12:56	3/12/2024 14:25	89	0
277301	3/12/2024 13:00	3/13/2024 10:00	1259.13	0
10393495	3/12/2024 13:00	3/13/2024 10:00	1259.13	0
577134	3/12/2024 13:01	3/13/2024 10:00	1258.48	0
4173986	3/12/2024 13:01	3/13/2024 10:00	1258.13	0
328113	3/12/2024 13:03	3/12/2024 13:29	26	0.01
274059	3/12/2024 13:03	3/13/2024 10:00	1256.13	0
578363	3/12/2024 13:03	3/13/2024 10:00	1256.48	0
97805	3/12/2024 13:03	3/13/2024 10:00	1256.13	0
274125	3/12/2024 13:03	3/13/2024 10:00	1256.13	0
277818	3/12/2024 13:04	3/13/2024 10:00	1255.13	0
465344	3/12/2024 13:04	3/13/2024 10:00	1255.48	0
99902	3/12/2024 13:04	3/13/2024 10:00	1255.13	0
276488	3/12/2024 13:04	3/13/2024 10:00	1255.13	0.04
578557	3/12/2024 13:04	3/13/2024 10:00	1255.48	0
579180	3/12/2024 13:05	3/13/2024 10:00	1254.48	0
100594	3/12/2024 13:07	3/13/2024 10:00	1252.13	0
317084	3/12/2024 13:11	3/13/2024 10:00	1248.13	0
204700	3/12/2024 13:21	3/13/2024 10:00	1238.13	0
204963	3/12/2024 13:25	3/13/2024 10:00	1234.13	0
449377	3/12/2024 13:26	3/12/2024 13:52	26	0
328113	3/12/2024 13:29	3/12/2024 14:00	31	0.04
14605	3/12/2024 13:31	3/12/2024 21:18	467	0
11435788	3/12/2024 13:32	3/12/2024 21:14	462	0
15611	3/12/2024 13:33	3/12/2024 21:15	462	0
14239	3/12/2024 13:34	3/12/2024 21:10	456	0
553863	3/12/2024 13:42	3/12/2024 14:08	26	0
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975066	3/12/2024 13:47	3/12/2024 14:13	26	0
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1624452	3/12/2024 13:48	3/12/2024 14:20	32	0
626477	3/12/2024 13:49	3/12/2024 14:21	32	0

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1418462	3/12/2024 13:53	3/13/2024 10:00	1206.15	0.07
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10013697	3/12/2024 14:06	3/12/2024 14:22	16	0
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627018	3/12/2024 14:22	3/12/2024 14:38	16	0
626600	3/12/2024 14:22	3/12/2024 15:09	47	0
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1701172	3/12/2024 14:24	3/12/2024 20:58	394	0
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1494722	3/12/2024 14:27	3/12/2024 14:42	15	0.14
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975191	3/12/2024 14:28	3/12/2024 14:44	16	0
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1624452	3/12/2024 14:35	3/12/2024 14:51	16	0
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8068454	3/12/2024 14:38	3/12/2024 21:17	399	0
627018	3/12/2024 14:38	3/12/2024 21:06	388	0
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1494722	3/12/2024 14:42	3/12/2024 21:16	394	0.11

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1551513	3/12/2024 14:54	3/12/2024 21:22	388	0
793285	3/12/2024 14:54	3/12/2024 21:12	378	0.26
1555268	3/12/2024 14:54	3/12/2024 21:17	383	0
1550815	3/12/2024 14:55	3/12/2024 21:18	383	0
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624411	3/12/2024 15:08	3/12/2024 15:24	16	0
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626600	3/12/2024 15:09	3/12/2024 15:20	11	0
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5834752	3/12/2024 15:32	3/12/2024 16:15	43	0
344641	3/12/2024 15:32	3/12/2024 16:14	42	0
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330528	3/12/2024 15:38	3/12/2024 20:42	304	0
1361528	3/12/2024 15:38	3/12/2024 21:10	332	0
1363588	3/12/2024 15:39	3/12/2024 21:04	325	0
980398	3/12/2024 15:41	3/12/2024 21:06	325	0
981933	3/12/2024 15:41	3/12/2024 21:06	325	0
982898	3/12/2024 15:42	3/12/2024 21:07	325	0
982261	3/12/2024 15:42	3/12/2024 21:13	331	0
979888	3/12/2024 15:42	3/12/2024 21:07	325	0
1355611	3/12/2024 15:51	3/12/2024 16:07	16	0
189581	3/12/2024 15:56	3/12/2024 16:12	16	0

34905	3/12/2024 15:57	3/12/2024 21:11	314	0
1362130	3/12/2024 15:57	3/12/2024 21:12	315	0
24124	3/12/2024 15:59	3/12/2024 21:18	319	0
27483	3/12/2024 15:59	3/12/2024 21:15	316	0
29848	3/12/2024 16:00	3/12/2024 21:10	310	0
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449377	3/12/2024 16:09	3/12/2024 18:04	115	0
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344641	3/12/2024 16:14	3/12/2024 21:09	295	0
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345394	3/12/2024 16:15	3/12/2024 21:14	299	0
8511715	3/12/2024 16:16	3/12/2024 21:09	293	0
469018	3/12/2024 16:17	3/12/2024 21:11	294	0
6583289	3/12/2024 16:23	3/12/2024 21:21	298	0
1041597	3/12/2024 16:24	3/13/2024 10:00	1055.27	0
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183822	3/12/2024 18:17	3/12/2024 21:10	173	0
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1321114	3/12/2024 18:25	3/12/2024 21:08	163	0
449377	3/12/2024 18:57	3/12/2024 20:10	73	0
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6280623	3/12/2024 20:09	3/13/2024 10:00	830.13	0
316997	3/12/2024 20:09	3/13/2024 10:00	830.13	0
449377	3/12/2024 20:10	3/12/2024 20:21	11	0
8104722	3/12/2024 20:13	3/13/2024 9:54	821	0
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523489	3/12/2024 20:16	3/13/2024 10:00	823.13	0
1190246	3/12/2024 20:18	3/13/2024 10:00	821.15	0
449377	3/12/2024 20:21	3/12/2024 20:37	16	0
1376158	3/12/2024 20:33	3/13/2024 9:29	776	0
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330528	3/12/2024 20:42	3/13/2024 10:00	797.13	0

67738	3/12/2024 20:50	3/13/2024 10:00	789.13	0
70866	3/12/2024 20:51	3/13/2024 10:00	788.13	0
69207	3/12/2024 20:53	3/13/2024 10:00	786.13	0
68620	3/12/2024 20:54	3/13/2024 10:00	785.13	0
68308	3/12/2024 20:55	3/13/2024 10:00	784.13	0
1701172	3/12/2024 20:58	3/13/2024 8:10	672	0
945898	3/12/2024 20:59	3/13/2024 9:51	772	0
926503	3/12/2024 20:59	3/13/2024 10:00	780.83	0
385332	3/12/2024 21:00	3/13/2024 10:00	779.48	0
989956	3/12/2024 21:02	3/13/2024 10:00	777.27	0
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954637	3/12/2024 21:03	3/13/2024 10:00	776.27	0
955448	3/12/2024 21:03	3/13/2024 10:00	776.27	0
675499	3/12/2024 21:03	3/13/2024 10:00	776.83	0
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1363588	3/12/2024 21:04	3/13/2024 10:00	775.15	0
954332	3/12/2024 21:04	3/13/2024 10:00	775.27	0
450309	3/12/2024 21:04	3/13/2024 10:00	775.48	0
658177	3/12/2024 21:04	3/13/2024 10:00	775.83	0
626477	3/12/2024 21:05	3/13/2024 10:00	774.48	0
816722	3/12/2024 21:05	3/13/2024 10:00	774.83	0
800588	3/12/2024 21:05	3/13/2024 10:00	774.83	0
926657	3/12/2024 21:05	3/13/2024 10:00	774.83	0
1309098	3/12/2024 21:05	3/13/2024 10:00	774.15	0
1320619	3/12/2024 21:06	3/13/2024 9:28	742	0
1599209	3/12/2024 21:06	3/13/2024 10:00	773.93	0
1355611	3/12/2024 21:06	3/13/2024 10:00	773.15	0
800576	3/12/2024 21:06	3/13/2024 10:00	773.83	0
626600	3/12/2024 21:06	3/13/2024 10:00	773.48	0
1332906	3/12/2024 21:06	3/13/2024 10:00	773.15	0
656343	3/12/2024 21:06	3/13/2024 10:00	773.83	0
980398	3/12/2024 21:06	3/13/2024 8:03	657	0
627018	3/12/2024 21:06	3/13/2024 10:00	773.48	0
981933	3/12/2024 21:06	3/13/2024 10:00	773.27	0
790670	3/12/2024 21:06	3/13/2024 10:00	773.83	0
47769	3/12/2024 21:06	3/13/2024 10:00	773.13	0
1321605	3/12/2024 21:06	3/13/2024 9:26	740	0
8717997	3/12/2024 21:06	3/13/2024 10:00	773.83	0
1325985	3/12/2024 21:06	3/13/2024 10:00	773.15	0
2032900	3/12/2024 21:06	3/13/2024 10:00	773.15	0
865320	3/12/2024 21:07	3/13/2024 10:00	772.83	0
30176	3/12/2024 21:07	3/13/2024 10:00	772.13	0
549259	3/12/2024 21:07	3/13/2024 10:00	772.48	0
982898	3/12/2024 21:07	3/13/2024 7:59	652	0
23462	3/12/2024 21:07	3/13/2024 10:00	772.13	0
416557	3/12/2024 21:07	3/13/2024 10:00	772.48	0

1393633	3/12/2024 21:07	3/13/2024 10:00	772.15	0
563241	3/12/2024 21:07	3/13/2024 10:00	772.48	0
926638	3/12/2024 21:07	3/13/2024 10:00	772.83	0
979888	3/12/2024 21:07	3/13/2024 10:00	772.27	0
264379	3/12/2024 21:07	3/13/2024 10:00	772.13	0
623069	3/12/2024 21:07	3/13/2024 10:00	772.48	0
1320845	3/12/2024 21:07	3/13/2024 8:09	662	0
66588	3/12/2024 21:07	3/13/2024 10:00	772.13	0
500173	3/12/2024 21:07	3/13/2024 10:00	772.48	0
1524033	3/12/2024 21:08	3/13/2024 10:00	771.93	0
1361770	3/12/2024 21:08	3/13/2024 10:00	771.15	0
29748	3/12/2024 21:08	3/13/2024 10:00	771.13	0
262048	3/12/2024 21:08	3/13/2024 10:00	771.13	0
664453	3/12/2024 21:08	3/13/2024 9:43	755	0
5834752	3/12/2024 21:08	3/13/2024 10:00	771.13	0
1393699	3/12/2024 21:08	3/13/2024 10:00	771.15	0
280173	3/12/2024 21:08	3/13/2024 10:00	771.13	0
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903630	3/12/2024 21:08	3/13/2024 10:00	771.83	0
860281	3/12/2024 21:08	3/13/2024 10:00	771.83	0
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347031	3/12/2024 21:08	3/13/2024 10:00	771.13	0
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623871	3/12/2024 21:08	3/13/2024 10:00	771.48	0
510307	3/12/2024 21:08	3/13/2024 10:00	771.48	0
553863	3/12/2024 21:08	3/13/2024 10:00	771.48	0
1415828	3/12/2024 21:09	3/13/2024 10:00	770.15	0
314188	3/12/2024 21:09	3/13/2024 8:47	698	0
587455	3/12/2024 21:09	3/13/2024 10:00	770.48	0
344641	3/12/2024 21:09	3/13/2024 10:00	770.13	0
1513398	3/12/2024 21:09	3/13/2024 10:00	770.93	0
8511715	3/12/2024 21:09	3/13/2024 10:00	770.13	0
971524	3/12/2024 21:09	3/13/2024 10:00	770.48	0
26864	3/12/2024 21:10	3/13/2024 10:00	769.13	0
325050	3/12/2024 21:10	3/13/2024 10:00	769.13	0
1361528	3/12/2024 21:10	3/13/2024 10:00	769.15	0
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10433250	3/12/2024 21:10	3/13/2024 10:00	769.15	0
593397	3/12/2024 21:10	3/13/2024 10:00	769.48	0
183822	3/12/2024 21:10	3/13/2024 10:00	769.13	0
23566	3/12/2024 21:10	3/13/2024 10:00	769.13	0
29807	3/12/2024 21:10	3/13/2024 10:00	769.13	0
259674	3/12/2024 21:10	3/13/2024 10:00	769.13	0
195666	3/12/2024 21:10	3/13/2024 10:00	769.13	0
315169	3/12/2024 21:10	3/13/2024 8:51	701	0
646026	3/12/2024 21:10	3/13/2024 10:00	769.48	0
1683861	3/12/2024 21:10	3/13/2024 10:00	769.13	0

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624411	3/12/2024 21:10	3/13/2024 10:00	769.48	0
14239	3/12/2024 21:10	3/13/2024 10:00	769.13	0
28110	3/12/2024 21:10	3/13/2024 10:00	769.13	0
51483	3/12/2024 21:10	3/13/2024 9:19	729	0
563721	3/12/2024 21:10	3/13/2024 10:00	769.48	0
1265778	3/12/2024 21:10	3/13/2024 10:00	769.15	0
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197690	3/12/2024 21:11	3/13/2024 10:00	768.13	0
817825	3/12/2024 21:11	3/13/2024 10:00	768.83	0
34887	3/12/2024 21:11	3/13/2024 10:00	768.13	0
328113	3/12/2024 21:11	3/13/2024 10:00	768.13	0
645339	3/12/2024 21:11	3/13/2024 10:00	768.48	0
1503634	3/12/2024 21:11	3/13/2024 10:00	768.15	0
196965	3/12/2024 21:11	3/13/2024 10:00	768.13	0
34905	3/12/2024 21:11	3/13/2024 10:00	768.13	0
30370	3/12/2024 21:11	3/13/2024 10:00	768.13	0
301275	3/12/2024 21:11	3/13/2024 10:00	768.13	0
456084	3/12/2024 21:11	3/13/2024 10:00	768.48	0
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28509	3/12/2024 21:11	3/13/2024 10:00	768.13	0
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1432827	3/12/2024 21:11	3/13/2024 10:00	768.93	0
469018	3/12/2024 21:11	3/13/2024 10:00	768.48	0
321287	3/12/2024 21:11	3/13/2024 10:00	768.13	0
793285	3/12/2024 21:12	3/13/2024 10:00	767.83	0
507365	3/12/2024 21:12	3/13/2024 10:00	767.48	0
456048	3/12/2024 21:12	3/13/2024 10:00	767.48	0
1516997	3/12/2024 21:12	3/13/2024 10:00	767.93	0
5212517	3/12/2024 21:12	3/13/2024 10:00	767.13	0
1493766	3/12/2024 21:12	3/13/2024 10:00	767.15	0
506261	3/12/2024 21:12	3/13/2024 10:00	767.48	0
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1064575	3/12/2024 21:12	3/13/2024 10:00	767.27	0
860934	3/12/2024 21:12	3/13/2024 10:00	767.83	0
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1267978	3/12/2024 21:12	3/13/2024 10:00	767.27	0
12377908	3/12/2024 21:12	3/13/2024 10:00	767.13	0
11176351	3/12/2024 21:12	3/13/2024 10:00	767.93	0
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801004	3/12/2024 21:12	3/13/2024 10:00	767.83	0
1307027	3/12/2024 21:12	3/13/2024 10:00	767.15	0
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329546	3/12/2024 21:12	3/13/2024 10:00	767.13	0
174362	3/12/2024 21:12	3/13/2024 10:00	767.13	0

878149	3/12/2024 21:12	3/13/2024 10:00	767.83	0
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29635	3/12/2024 21:12	3/13/2024 10:00	767.13	0
1546695	3/12/2024 21:12	3/13/2024 10:00	767.93	0
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956125	3/12/2024 21:12	3/13/2024 10:00	767.27	0
1417279	3/12/2024 21:12	3/13/2024 10:00	767.15	0
265473	3/12/2024 21:12	3/13/2024 10:00	767.13	0
315730	3/12/2024 21:12	3/13/2024 8:50	698	0
8511623	3/12/2024 21:13	3/13/2024 10:00	766.13	0
624716	3/12/2024 21:13	3/13/2024 10:00	766.48	0
975066	3/12/2024 21:13	3/13/2024 10:00	766.27	0
7937779	3/12/2024 21:13	3/13/2024 10:00	766.15	0
12376755	3/12/2024 21:13	3/13/2024 10:00	766.15	0
34832	3/12/2024 21:13	3/13/2024 10:00	766.13	0
169731	3/12/2024 21:13	3/13/2024 10:00	766.13	0
552210	3/12/2024 21:13	3/13/2024 10:00	766.48	0
1510965	3/12/2024 21:13	3/13/2024 10:00	766.93	0
1511816	3/12/2024 21:13	3/13/2024 10:00	766.93	0
982261	3/12/2024 21:13	3/13/2024 10:00	766.27	0
627289	3/12/2024 21:13	3/13/2024 10:00	766.48	0
353082	3/12/2024 21:13	3/13/2024 10:00	766.13	0
926505	3/12/2024 21:13	3/13/2024 10:00	766.83	0
1638359	3/12/2024 21:13	3/13/2024 10:00	766.93	0
1664433	3/12/2024 21:13	3/13/2024 10:00	766.83	0
865262	3/12/2024 21:13	3/13/2024 10:00	766.83	0
1414392	3/12/2024 21:13	3/13/2024 10:00	766.15	0
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975191	3/12/2024 21:13	3/13/2024 10:00	766.27	0
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1310926	3/12/2024 21:13	3/13/2024 10:00	766.15	0
511223	3/12/2024 21:13	3/13/2024 10:00	766.48	0
509102	3/12/2024 21:14	3/13/2024 10:00	765.48	0
574224	3/12/2024 21:14	3/13/2024 10:00	765.48	0
957216	3/12/2024 21:14	3/13/2024 10:00	765.27	0
330485	3/12/2024 21:14	3/13/2024 10:00	765.13	0
916441	3/12/2024 21:14	3/13/2024 10:00	765.83	0
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1511251	3/12/2024 21:14	3/13/2024 10:00	765.93	0
240045	3/12/2024 21:14	3/13/2024 10:00	765.13	0
1456419	3/12/2024 21:14	3/13/2024 10:00	765.93	0
1523524	3/12/2024 21:14	3/13/2024 10:00	765.93	0
1421188	3/12/2024 21:14	3/13/2024 10:00	765.15	0

35442	3/12/2024 21:14	3/13/2024 10:00	765.13	0
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1513240	3/12/2024 21:14	3/13/2024 10:00	765.93	0
861053	3/12/2024 21:14	3/13/2024 10:00	765.83	0
574596	3/12/2024 21:14	3/13/2024 10:00	765.48	0
345394	3/12/2024 21:14	3/13/2024 10:00	765.13	0
197356	3/12/2024 21:14	3/13/2024 10:00	765.13	0
281235	3/12/2024 21:14	3/13/2024 10:00	765.13	0
8206792	3/12/2024 21:14	3/13/2024 10:00	765.93	0
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8950281	3/12/2024 21:14	3/13/2024 9:19	725	0
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49209	3/12/2024 21:14	3/13/2024 10:00	765.13	0
281056	3/12/2024 21:14	3/13/2024 10:00	765.13	0
1555376	3/12/2024 21:14	3/13/2024 10:00	765.93	0
308622	3/12/2024 21:14	3/13/2024 10:00	765.13	0
30471	3/12/2024 21:14	3/13/2024 10:00	765.13	0
1516432	3/12/2024 21:14	3/13/2024 10:00	765.93	0
304845	3/12/2024 21:14	3/13/2024 10:00	765.13	0
449036	3/12/2024 21:14	3/13/2024 10:00	765.48	0
13876	3/12/2024 21:14	3/13/2024 10:00	765.13	0
381338	3/12/2024 21:15	3/13/2024 10:00	764.48	0
24369	3/12/2024 21:15	3/13/2024 10:00	764.13	0
1465391	3/12/2024 21:15	3/13/2024 10:00	764.93	0
1320646	3/12/2024 21:15	3/13/2024 9:25	730	0
791371	3/12/2024 21:15	3/13/2024 10:00	764.83	0
562856	3/12/2024 21:15	3/13/2024 10:00	764.48	0
1493132	3/12/2024 21:15	3/13/2024 8:27	672	0
15611	3/12/2024 21:15	3/13/2024 10:00	764.13	0
304345	3/12/2024 21:15	3/13/2024 10:00	764.13	0
27483	3/12/2024 21:15	3/13/2024 10:00	764.13	0
1508563	3/12/2024 21:15	3/13/2024 10:00	764.93	0
1514004	3/12/2024 21:15	3/13/2024 10:00	764.93	0
1431804	3/12/2024 21:15	3/13/2024 10:00	764.93	0
1638479	3/12/2024 21:15	3/13/2024 10:00	764.93	0
8495802	3/12/2024 21:15	3/13/2024 10:00	764.93	0
510522	3/12/2024 21:15	3/13/2024 10:00	764.48	0
564518	3/12/2024 21:15	3/13/2024 10:00	764.48	0
1543009	3/12/2024 21:15	3/13/2024 9:25	730	0
1451744	3/12/2024 21:16	3/13/2024 10:00	763.93	0
1453263	3/12/2024 21:16	3/13/2024 10:00	763.93	0
1567514	3/12/2024 21:16	3/13/2024 10:00	763.93	0
1554677	3/12/2024 21:16	3/13/2024 10:00	763.93	0
189581	3/12/2024 21:16	3/13/2024 10:00	763.13	0
918098	3/12/2024 21:16	3/13/2024 10:00	763.83	0
447406	3/12/2024 21:16	3/13/2024 10:00	763.48	0
1494722	3/12/2024 21:16	3/13/2024 9:55	759	0

1554218	3/12/2024 21:16	3/13/2024 9:36	740	0
1385431	3/12/2024 21:16	3/13/2024 10:00	763.15	0
70277	3/12/2024 21:16	3/13/2024 10:00	763.13	0
6714863	3/12/2024 21:16	3/13/2024 10:00	763.83	0
1604432	3/12/2024 21:16	3/13/2024 10:00	763.93	0
605186	3/12/2024 21:16	3/13/2024 10:00	763.48	0
1417138	3/12/2024 21:16	3/13/2024 10:00	763.15	0
6828301	3/12/2024 21:16	3/13/2024 10:00	763.13	0
1430294	3/12/2024 21:16	3/13/2024 9:47	751	0
562727	3/12/2024 21:17	3/13/2024 10:00	762.48	0
1555268	3/12/2024 21:17	3/13/2024 10:00	762.93	0
29842	3/12/2024 21:17	3/13/2024 10:00	762.13	0
10013697	3/12/2024 21:17	3/13/2024 10:00	762.93	0
519373	3/12/2024 21:17	3/13/2024 10:00	762.13	0
1556243	3/12/2024 21:17	3/13/2024 10:00	762.93	0
623612	3/12/2024 21:17	3/13/2024 10:00	762.48	0
27475	3/12/2024 21:17	3/13/2024 10:00	762.13	0
1416360	3/12/2024 21:17	3/13/2024 10:00	762.15	0
1430644	3/12/2024 21:17	3/13/2024 10:00	762.93	0
8068454	3/12/2024 21:17	3/13/2024 10:00	762.48	0
1672745	3/12/2024 21:17	3/13/2024 10:00	762.48	0
1446785	3/12/2024 21:17	3/13/2024 10:00	762.93	0
1552154	3/12/2024 21:18	3/13/2024 10:00	761.93	0
1511532	3/12/2024 21:18	3/13/2024 10:00	761.93	0
1539391	3/12/2024 21:18	3/13/2024 10:00	761.93	0
304295	3/12/2024 21:18	3/13/2024 9:44	746	0
1377303	3/12/2024 21:18	3/13/2024 9:23	725	0
1251782	3/12/2024 21:18	3/13/2024 10:00	761.83	0
14605	3/12/2024 21:18	3/13/2024 10:00	761.13	0
1567316	3/12/2024 21:18	3/13/2024 10:00	761.93	0
859747	3/12/2024 21:18	3/13/2024 10:00	761.83	0
1375642	3/12/2024 21:18	3/13/2024 10:00	761.15	0
24124	3/12/2024 21:18	3/13/2024 10:00	761.13	0
1430838	3/12/2024 21:18	3/13/2024 10:00	761.93	0
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303030	3/12/2024 21:18	3/13/2024 10:00	761.13	0
198082	3/12/2024 21:18	3/13/2024 10:00	761.13	0
10659831	3/12/2024 21:19	3/13/2024 10:00	760.93	0
561672	3/12/2024 21:19	3/13/2024 10:00	760.48	0
12682110	3/12/2024 21:19	3/13/2024 10:00	760.93	0
66685	3/12/2024 21:19	3/13/2024 10:00	760.13	0
449377	3/12/2024 21:19	3/12/2024 22:16	57	0
1515733	3/12/2024 21:19	3/13/2024 9:55	756	0
1394324	3/12/2024 21:19	3/13/2024 10:00	760.15	0
1638431	3/12/2024 21:19	3/13/2024 10:00	760.93	0
8621797	3/12/2024 21:19	3/13/2024 10:00	760.13	0
601397	3/12/2024 21:19	3/13/2024 10:00	760.48	0

1430553	3/12/2024 21:19	3/13/2024 10:00	760.93	0
1556434	3/12/2024 21:20	3/13/2024 10:00	759.93	0
303811	3/12/2024 21:20	3/13/2024 9:46	746	0
569142	3/12/2024 21:20	3/13/2024 10:00	759.48	0
1516786	3/12/2024 21:20	3/13/2024 10:00	759.93	0
9063373	3/12/2024 21:20	3/13/2024 10:00	759.15	0
56196	3/12/2024 21:20	3/13/2024 10:00	759.13	0
1517747	3/12/2024 21:21	3/13/2024 10:00	758.93	0
1565203	3/12/2024 21:21	3/13/2024 10:00	758.93	0
6583289	3/12/2024 21:21	3/13/2024 10:00	758.13	0
1551513	3/12/2024 21:22	3/13/2024 10:00	757.93	0
1638308	3/12/2024 21:22	3/13/2024 10:00	757.93	0
574993	3/12/2024 21:23	3/13/2024 9:06	703	0
1641091	3/12/2024 21:23	3/13/2024 10:00	756.93	0
1511264	3/12/2024 21:26	3/13/2024 10:00	753.93	0
449377	3/12/2024 22:16	3/12/2024 22:37	21	0
449377	3/12/2024 22:37	3/13/2024 0:07	90	0
34613	3/12/2024 22:47	3/13/2024 10:00	672.13	0
7533405	3/12/2024 23:24	3/13/2024 10:00	635.13	0
449377	3/13/2024 0:07	3/13/2024 2:45	158	0
449377	3/13/2024 2:45	3/13/2024 2:55	10	0
449377	3/13/2024 2:55	3/13/2024 3:16	21	0
449377	3/13/2024 3:16	3/13/2024 4:14	58	0
449377	3/13/2024 4:14	3/13/2024 4:35	21	0
449377	3/13/2024 4:35	3/13/2024 4:56	21	0
449377	3/13/2024 4:56	3/13/2024 5:28	32	0
449377	3/13/2024 5:28	3/13/2024 6:20	52	0
449377	3/13/2024 6:20	3/13/2024 7:28	68	0
449377	3/13/2024 7:28	3/13/2024 8:21	53	0
1445317	3/13/2024 7:56	3/13/2024 10:00	123.93	0
982898	3/13/2024 7:59	3/13/2024 10:00	120.27	0
980398	3/13/2024 8:03	3/13/2024 10:00	116.27	0
1320845	3/13/2024 8:09	3/13/2024 10:00	110.15	0
1701172	3/13/2024 8:10	3/13/2024 10:00	109.15	0
1326407	3/13/2024 8:14	3/13/2024 10:00	105.15	0
449377	3/13/2024 8:21	3/13/2024 9:08	47	0
1493132	3/13/2024 8:27	3/13/2024 10:00	92.15	0
324290	3/13/2024 8:39	3/13/2024 10:00	80.13	0
314188	3/13/2024 8:47	3/13/2024 9:18	31	0
1020274	3/13/2024 8:48	3/13/2024 10:00	71.27	0
315730	3/13/2024 8:50	3/13/2024 9:16	26	0
315169	3/13/2024 8:51	3/13/2024 9:17	26	0
574993	3/13/2024 9:06	3/13/2024 10:00	53.48	0
317233	3/13/2024 9:07	3/13/2024 9:54	47	0
449377	3/13/2024 9:08	3/13/2024 10:00	51.48	0
317797	3/13/2024 9:13	3/13/2024 10:00	46.13	0
315730	3/13/2024 9:16	3/13/2024 10:00	43.13	0

315169	3/13/2024 9:17	3/13/2024 10:00	42.13	0
314188	3/13/2024 9:18	3/13/2024 10:00	41.13	0
1268231	3/13/2024 9:18	3/13/2024 10:00	41.27	0
51483	3/13/2024 9:19	3/13/2024 9:30	11	0
8950281	3/13/2024 9:19	3/13/2024 9:35	16	0
1602693	3/13/2024 9:22	3/13/2024 10:00	37.93	0
1377303	3/13/2024 9:23	3/13/2024 10:00	36.15	0
1321114	3/13/2024 9:23	3/13/2024 10:00	36.15	0
1543009	3/13/2024 9:25	3/13/2024 10:00	34.93	0
1321663	3/13/2024 9:25	3/13/2024 10:00	34.15	0
1320646	3/13/2024 9:25	3/13/2024 10:00	34.15	0
1321605	3/13/2024 9:26	3/13/2024 10:00	33.15	0
1320619	3/13/2024 9:28	3/13/2024 10:00	31.15	0
328570	3/13/2024 9:29	3/13/2024 10:00	30.13	0
1376158	3/13/2024 9:29	3/13/2024 10:00	30.15	0
51483	3/13/2024 9:30	3/13/2024 10:00	29.13	0
8950281	3/13/2024 9:35	3/13/2024 10:00	24.13	0
1554218	3/13/2024 9:36	3/13/2024 10:00	23.93	0
664453	3/13/2024 9:43	3/13/2024 9:53	10	0
304295	3/13/2024 9:44	3/13/2024 10:00	15.13	0
303811	3/13/2024 9:46	3/13/2024 10:00	13.13	0
1430294	3/13/2024 9:47	3/13/2024 10:00	12.93	0
320966	3/13/2024 9:47	3/13/2024 10:00	12.13	0
1343091	3/13/2024 9:49	3/13/2024 10:00	10.15	0
353728	3/13/2024 9:51	3/13/2024 10:00	8.13	0
945898	3/13/2024 9:51	3/13/2024 10:00	8.83	0
664453	3/13/2024 9:53	3/13/2024 10:00	6.83	0
1342974	3/13/2024 9:53	3/13/2024 10:00	6.15	0
8104722	3/13/2024 9:54	3/13/2024 10:00	5.13	0
317233	3/13/2024 9:54	3/13/2024 10:00	5.13	0
1494722	3/13/2024 9:55	3/13/2024 10:00	4.15	0
1515733	3/13/2024 9:55	3/13/2024 10:00	4.93	0
1321750	3/13/2024 9:56	3/13/2024 10:00	3.15	0
1469850	3/13/2024 9:56	3/13/2024 10:00	3.93	0
1320008	3/13/2024 9:56	3/13/2024 10:00	3.15	0
1469270	3/13/2024 9:58	3/13/2024 10:00	1.93	0
304785	3/13/2024 9:59	3/13/2024 10:00	0.13	0
353728	3/13/2024 10:00	3/13/2024 11:16	76	0
1516786	3/13/2024 10:00	3/14/2024 10:00	1439.93	0
1020565	3/13/2024 10:00	3/13/2024 20:32	632	0.08
345752	3/13/2024 10:00	3/14/2024 10:00	1439.13	0
5212517	3/13/2024 10:00	3/13/2024 11:44	104	0
7879030	3/13/2024 10:00	3/13/2024 11:17	77	0
25066	3/13/2024 10:00	3/14/2024 10:00	1439.13	0
8950281	3/13/2024 10:00	3/13/2024 11:20	80	0
96751	3/13/2024 10:00	3/14/2024 10:00	1439.13	0
574993	3/13/2024 10:00	3/13/2024 14:21	261	0

197883	3/13/2024 10:00	3/14/2024 10:00	1439.13	0
926657	3/13/2024 10:00	3/13/2024 14:49	289	0
953854	3/13/2024 10:00	3/14/2024 10:00	1439.27	0
1352388	3/13/2024 10:00	3/14/2024 10:00	1439.15	0
7937779	3/13/2024 10:00	3/13/2024 21:17	677	0
1554218	3/13/2024 10:00	3/13/2024 21:24	684.37	0
1377303	3/13/2024 10:00	3/13/2024 21:25	685	0
1413046	3/13/2024 10:00	3/14/2024 10:00	1439.15	0
441757	3/13/2024 10:00	3/14/2024 10:00	1439.48	0
262048	3/13/2024 10:00	3/13/2024 13:44	224	0
675499	3/13/2024 10:00	3/13/2024 13:46	226	0
444688	3/13/2024 10:00	3/14/2024 10:00	1439.48	0
1604432	3/13/2024 10:00	3/13/2024 21:19	679.37	2.02
253877	3/13/2024 10:00	3/14/2024 10:00	1439.13	0
10714479	3/13/2024 10:00	3/14/2024 10:00	1439.93	0
1368580	3/13/2024 10:00	3/14/2024 10:00	1439.15	0
1422300	3/13/2024 10:00	3/14/2024 10:00	1439.15	0
1418462	3/13/2024 10:00	3/13/2024 15:38	338	0
1516579	3/13/2024 10:00	3/13/2024 14:11	251.37	0
1503634	3/13/2024 10:00	3/13/2024 21:12	672	0
30380	3/13/2024 10:00	3/14/2024 10:00	1439.13	0
945898	3/13/2024 10:00	3/13/2024 11:36	96	0
447406	3/13/2024 10:00	3/14/2024 10:00	1439.48	0
554089	3/13/2024 10:00	3/14/2024 10:00	1439.48	0
1513541	3/13/2024 10:00	3/14/2024 10:00	1439.93	0
1366197	3/13/2024 10:00	3/14/2024 10:00	1439.15	0
975032	3/13/2024 10:01	3/13/2024 21:16	675	0
511223	3/13/2024 10:01	3/14/2024 10:00	1438.48	0
324249	3/13/2024 10:04	3/13/2024 11:50	106	0
1701172	3/13/2024 10:05	3/13/2024 21:07	662	0
1288420	3/13/2024 10:06	3/14/2024 10:00	1433.15	0
323747	3/13/2024 10:06	3/13/2024 11:51	105	0.73
1394324	3/13/2024 10:06	3/13/2024 15:05	299	0
304845	3/13/2024 10:06	3/13/2024 11:30	84	0
202435	3/13/2024 10:07	3/14/2024 10:00	1432.13	0
10433250	3/13/2024 10:07	3/14/2024 10:00	1432.15	0
10222019	3/13/2024 10:07	3/14/2024 10:00	1432.15	0
6280623	3/13/2024 10:07	3/13/2024 21:14	667	0.31
1321750	3/13/2024 10:07	3/13/2024 21:14	667	0
601397	3/13/2024 10:07	3/13/2024 21:24	677	0
317797	3/13/2024 10:07	3/13/2024 20:11	604	0
1320646	3/13/2024 10:07	3/13/2024 21:19	672	0.37
1309098	3/13/2024 10:07	3/13/2024 21:12	665	1.62
8148103	3/13/2024 10:08	3/13/2024 21:25	677	0.18
2032900	3/13/2024 10:08	3/13/2024 21:10	662	0
523489	3/13/2024 10:08	3/13/2024 21:22	674	0.5
605186	3/13/2024 10:08	3/13/2024 21:20	672	0.21

1319739	3/13/2024 10:08	3/14/2024 10:00	1431.15	0
8724096	3/13/2024 10:08	3/14/2024 10:00	1431.15	0
1453263	3/13/2024 10:08	3/13/2024 21:20	672.37	0
316997	3/13/2024 10:08	3/13/2024 21:25	677	0.09
562202	3/13/2024 10:08	3/14/2024 10:00	1431.48	0
1321605	3/13/2024 10:08	3/13/2024 21:04	656	0.63
317084	3/13/2024 10:08	3/13/2024 21:25	677	0
324290	3/13/2024 10:08	3/13/2024 11:53	105	0
664453	3/13/2024 10:09	3/13/2024 21:57	708	0
8104722	3/13/2024 10:09	3/13/2024 21:21	672	0
23462	3/13/2024 10:09	3/13/2024 11:44	95	0
29635	3/13/2024 10:10	3/13/2024 11:13	63	0
317233	3/13/2024 10:10	3/13/2024 20:13	603	0.22
1320619	3/13/2024 10:10	3/13/2024 21:08	658	0
314899	3/13/2024 10:10	3/13/2024 21:17	667	0
1321114	3/13/2024 10:10	3/13/2024 21:17	667	0
1320845	3/13/2024 10:10	3/13/2024 21:11	661	1.69
1515733	3/13/2024 10:11	3/13/2024 14:07	236.37	2.51
29848	3/13/2024 10:11	3/13/2024 21:23	672	0.14
189581	3/13/2024 10:11	3/13/2024 21:25	674	0
1456419	3/13/2024 10:11	3/13/2024 21:18	667.37	0
1494722	3/13/2024 10:11	3/13/2024 21:23	672	1.92
385332	3/13/2024 10:11	3/13/2024 21:09	658	0
1320008	3/13/2024 10:12	3/13/2024 21:08	656	0.85
30471	3/13/2024 10:12	3/14/2024 10:00	1427.13	0
303811	3/13/2024 10:12	3/13/2024 11:47	95	0
1493132	3/13/2024 10:12	3/13/2024 21:24	672	5.89
28509	3/13/2024 10:12	3/14/2024 10:00	1427.13	0
1321663	3/13/2024 10:12	3/13/2024 21:09	657	0.13
27483	3/13/2024 10:13	3/13/2024 21:35	682	0
1393699	3/13/2024 10:13	3/13/2024 21:15	662	1.96
590897	3/13/2024 10:14	3/13/2024 11:43	89	0
304785	3/13/2024 10:14	3/13/2024 11:28	74	0
7533405	3/13/2024 10:15	3/13/2024 11:44	89	0
14605	3/13/2024 10:15	3/13/2024 12:47	152	0.01
1041597	3/13/2024 10:15	3/13/2024 11:34	79	0
957615	3/13/2024 10:15	3/13/2024 14:08	233	0
314188	3/13/2024 10:16	3/13/2024 21:18	662	0
561672	3/13/2024 10:16	3/13/2024 21:23	667	0
449036	3/13/2024 10:16	3/13/2024 11:35	79	0
11435788	3/13/2024 10:16	3/13/2024 11:20	64	0
304295	3/13/2024 10:17	3/13/2024 11:50	93	0
1430294	3/13/2024 10:18	3/13/2024 11:46	88.37	0
13876	3/13/2024 10:18	3/13/2024 13:02	164	0
15611	3/13/2024 10:18	3/13/2024 12:45	147	0
14239	3/13/2024 10:18	3/13/2024 11:15	57	0
1556486	3/13/2024 10:19	3/13/2024 14:36	257.37	0

264379	3/13/2024 10:19	3/13/2024 14:20	241	0
980132	3/13/2024 10:19	3/13/2024 11:49	90	0
980398	3/13/2024 10:19	3/13/2024 13:07	168	0
981933	3/13/2024 10:19	3/13/2024 11:49	90	0
174362	3/13/2024 10:19	3/14/2024 10:00	1420.13	0
8434548	3/13/2024 10:19	3/13/2024 11:17	58	0
12378019	3/13/2024 10:20	3/13/2024 11:18	58	0
315730	3/13/2024 10:20	3/13/2024 21:21	661	0.24
315169	3/13/2024 10:20	3/13/2024 21:17	657	0
1019446	3/13/2024 10:21	3/13/2024 21:06	645	0
982457	3/13/2024 10:21	3/13/2024 14:18	237	0.56
169731	3/13/2024 10:21	3/14/2024 10:00	1418.13	0
449377	3/13/2024 10:22	3/13/2024 11:51	89	0
1556434	3/13/2024 10:23	3/13/2024 14:37	254.37	0
6714863	3/13/2024 10:23	3/13/2024 21:19	656	0.63
790670	3/13/2024 10:24	3/13/2024 21:15	651	0
793285	3/13/2024 10:25	3/13/2024 21:16	651	1.43
1307027	3/13/2024 10:25	3/13/2024 14:53	268	0
12376755	3/13/2024 10:26	3/13/2024 14:53	267	0.76
1567514	3/13/2024 10:28	3/13/2024 11:46	78.37	0
1469866	3/13/2024 10:28	3/13/2024 21:13	645.37	0
1468500	3/13/2024 10:29	3/13/2024 21:27	658.37	0
1268231	3/13/2024 10:29	3/13/2024 11:48	79	0
416557	3/13/2024 10:30	3/13/2024 14:32	242	0
49209	3/13/2024 10:31	3/13/2024 21:22	651	0
1415828	3/13/2024 10:32	3/13/2024 21:18	646	0
47769	3/13/2024 10:33	3/13/2024 21:19	646	0.1
1416360	3/13/2024 10:35	3/13/2024 21:20	645	0
454372	3/13/2024 10:35	3/14/2024 10:00	1404.48	0
1672784	3/13/2024 10:35	3/14/2024 10:00	1404.48	0.51
507365	3/13/2024 10:36	3/13/2024 21:17	641	0
1414392	3/13/2024 10:36	3/13/2024 21:22	646	0
510307	3/13/2024 10:37	3/13/2024 21:17	640	0.25
955448	3/13/2024 10:37	3/13/2024 14:07	210	0
1457350	3/13/2024 10:38	3/14/2024 10:00	1401.93	0
325050	3/13/2024 10:38	3/13/2024 11:52	74	0
1493766	3/13/2024 10:38	3/13/2024 21:19	641	0
1385431	3/13/2024 10:38	3/13/2024 21:21	643	0.97
1543009	3/13/2024 10:38	3/13/2024 11:51	73.37	0
511266	3/13/2024 10:39	3/13/2024 21:19	640	0
1565203	3/13/2024 10:44	3/13/2024 11:46	62.37	0
817825	3/13/2024 10:44	3/13/2024 21:17	633	0
1599209	3/13/2024 10:45	3/13/2024 20:48	603.37	0
980870	3/13/2024 10:45	3/13/2024 13:23	158	0
320966	3/13/2024 10:45	3/13/2024 11:32	47	0
1251782	3/13/2024 10:46	3/13/2024 21:16	630	0
1513398	3/13/2024 10:48	3/13/2024 21:17	629.37	0

9063373	3/13/2024 10:49	3/13/2024 15:06	257	0
816722	3/13/2024 10:50	3/13/2024 21:11	621	0
1602630	3/13/2024 10:51	3/13/2024 21:25	634.37	1.15
1602693	3/13/2024 10:51	3/13/2024 11:07	16.37	0
1556243	3/13/2024 10:51	3/13/2024 21:26	635.37	0
552210	3/13/2024 10:52	3/13/2024 21:17	625	0
10659831	3/13/2024 10:52	3/13/2024 21:23	631.37	0
12682110	3/13/2024 10:53	3/13/2024 21:22	629.37	1.46
500173	3/13/2024 10:53	3/13/2024 14:49	236	0.18
1488059	3/13/2024 10:54	3/14/2024 10:00	1385.27	0
1190246	3/13/2024 10:54	3/13/2024 21:19	625	0
645339	3/13/2024 10:55	3/13/2024 11:37	42	0
26864	3/13/2024 10:55	3/13/2024 11:11	16	0
1654064	3/13/2024 10:57	3/13/2024 14:27	210	0
1375642	3/13/2024 10:57	3/13/2024 21:27	630	0
8495802	3/13/2024 10:59	3/13/2024 11:15	16.37	0.03
303510	3/13/2024 11:00	3/13/2024 11:41	41	0
11176351	3/13/2024 11:02	3/13/2024 11:17	15.37	0
304209	3/13/2024 11:02	3/13/2024 11:43	41	0
428372	3/13/2024 11:04	3/13/2024 23:11	727	0.08
56196	3/13/2024 11:04	3/13/2024 14:34	210	0
506261	3/13/2024 11:07	3/13/2024 21:20	613	0.07
196965	3/13/2024 11:07	3/13/2024 11:38	31	0
1602693	3/13/2024 11:07	3/13/2024 11:17	10	0
878149	3/13/2024 11:07	3/13/2024 21:16	609	0.14
197356	3/13/2024 11:08	3/13/2024 11:34	26	0
127206	3/13/2024 11:08	3/14/2024 10:00	1371.13	0
1450250	3/13/2024 11:08	3/13/2024 15:57	289	0
1343091	3/13/2024 11:08	3/13/2024 21:12	604	0
8206792	3/13/2024 11:09	3/13/2024 15:58	289	0
34832	3/13/2024 11:10	3/13/2024 14:15	185	0
658177	3/13/2024 11:10	3/13/2024 21:08	598	0.3
1465391	3/13/2024 11:10	3/13/2024 21:19	609	0
1466357	3/13/2024 11:10	3/13/2024 21:16	606	0
6995795	3/13/2024 11:10	3/13/2024 21:19	609	0.52
380736	3/13/2024 11:11	3/13/2024 21:12	601	0.26
34887	3/13/2024 11:11	3/13/2024 11:27	16	0
34905	3/13/2024 11:11	3/13/2024 15:44	273	0
26864	3/13/2024 11:11	3/13/2024 11:42	31	0
1445317	3/13/2024 11:11	3/13/2024 21:16	605	0
353082	3/13/2024 11:11	3/13/2024 21:20	609	0.32
25674	3/13/2024 11:12	3/13/2024 14:16	184	0
1393633	3/13/2024 11:12	3/13/2024 21:16	604	4.52
188639	3/13/2024 11:13	3/13/2024 14:11	178	0
35442	3/13/2024 11:13	3/13/2024 11:28	15	0
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353651	3/13/2024 11:13	3/13/2024 21:18	605	0

328570	3/13/2024 11:14	3/13/2024 21:18	604	1.89
381982	3/13/2024 11:14	3/13/2024 21:18	604	0
23566	3/13/2024 11:14	3/13/2024 11:45	31	0
8495802	3/13/2024 11:15	3/13/2024 21:18	603	2.31
8910809	3/13/2024 11:15	3/13/2024 21:18	603	0
51483	3/13/2024 11:15	3/13/2024 14:28	193	0.31
14239	3/13/2024 11:15	3/13/2024 14:19	184	0
353728	3/13/2024 11:16	3/14/2024 9:25	1329	0
979815	3/13/2024 11:16	3/13/2024 11:47	31	0
1573666	3/13/2024 11:16	3/13/2024 21:20	604	0
328113	3/13/2024 11:16	3/13/2024 21:20	604	2.19
1602693	3/13/2024 11:17	3/13/2024 21:16	599	0.54
11176351	3/13/2024 11:17	3/13/2024 14:32	195	0
8434548	3/13/2024 11:17	3/13/2024 21:15	598	1.04
7879030	3/13/2024 11:17	3/13/2024 21:20	603	0
12378019	3/13/2024 11:18	3/13/2024 21:16	598	0
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314350	3/13/2024 11:18	3/14/2024 10:00	1361.13	0
427715	3/13/2024 11:18	3/13/2024 13:45	147	0
428411	3/13/2024 11:19	3/13/2024 13:46	147	0.49
1513240	3/13/2024 11:19	3/13/2024 21:17	598	0.99
13912	3/13/2024 11:19	3/13/2024 14:29	190	0
1624452	3/13/2024 11:19	3/13/2024 14:33	194	0
8950281	3/13/2024 11:20	3/13/2024 14:18	178	0
450309	3/13/2024 11:20	3/14/2024 10:00	1359.48	0
11435788	3/13/2024 11:20	3/13/2024 12:49	89	0.03
1431804	3/13/2024 11:20	3/13/2024 21:19	599	0
401447	3/13/2024 11:21	3/14/2024 10:00	1358.48	0
11081884	3/13/2024 11:21	3/13/2024 11:36	15	0
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1503739	3/13/2024 11:22	3/13/2024 17:08	346	0.41
574596	3/13/2024 11:22	3/13/2024 14:22	180	0
198082	3/13/2024 11:23	3/13/2024 14:16	173	0
553863	3/13/2024 11:23	3/13/2024 14:26	183	0.5
975066	3/13/2024 11:24	3/13/2024 21:19	595	0
564518	3/13/2024 11:25	3/13/2024 14:24	179	0
1310926	3/13/2024 11:26	3/13/2024 21:19	593	0.32
34887	3/13/2024 11:27	3/13/2024 14:15	168	0
549259	3/13/2024 11:28	3/13/2024 11:55	27	0
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304845	3/13/2024 11:30	3/13/2024 11:46	16	0
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1539391	3/13/2024 11:33	3/13/2024 12:20	47	0
1041597	3/13/2024 11:34	3/13/2024 14:17	163	0

197356	3/13/2024 11:34	3/13/2024 12:21	47	0
330528	3/13/2024 11:34	3/13/2024 14:17	163	0
449036	3/13/2024 11:35	3/13/2024 11:51	16	0
945898	3/13/2024 11:36	3/13/2024 11:52	16	0
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626477	3/13/2024 11:37	3/13/2024 21:14	577	0
645339	3/13/2024 11:37	3/13/2024 14:41	184	0
1538577	3/13/2024 11:38	3/13/2024 12:20	42	0
196965	3/13/2024 11:38	3/13/2024 12:20	42	0
624716	3/13/2024 11:39	3/13/2024 21:22	583	0.04
303510	3/13/2024 11:41	3/13/2024 14:45	184	0
26864	3/13/2024 11:42	3/13/2024 14:15	153	0
30176	3/13/2024 11:43	3/13/2024 14:15	152	0
28110	3/13/2024 11:43	3/13/2024 14:15	152	0
304209	3/13/2024 11:43	3/13/2024 14:46	183	0
590897	3/13/2024 11:43	3/13/2024 15:45	242	0.5
23462	3/13/2024 11:44	3/13/2024 14:11	147	0
7533405	3/13/2024 11:44	3/13/2024 14:42	178	0
5212517	3/13/2024 11:44	3/13/2024 15:30	226	0.04
304785	3/13/2024 11:44	3/13/2024 14:42	178	0.11
979888	3/13/2024 11:44	3/13/2024 14:16	152	0
423814	3/13/2024 11:44	3/13/2024 14:01	137	0.03
23566	3/13/2024 11:45	3/13/2024 14:28	163	0
1567514	3/13/2024 11:46	3/13/2024 14:29	163	0
8621797	3/13/2024 11:46	3/13/2024 15:27	221	0.9
1430294	3/13/2024 11:46	3/13/2024 12:18	32	0
304345	3/13/2024 11:46	3/13/2024 15:27	221	0
304845	3/13/2024 11:46	3/13/2024 14:44	178	0
1565203	3/13/2024 11:46	3/13/2024 14:29	163	0
303811	3/13/2024 11:47	3/13/2024 14:47	180	0
979815	3/13/2024 11:47	3/13/2024 14:30	163	0
1268231	3/13/2024 11:48	3/13/2024 12:03	15	0
1430644	3/13/2024 11:49	3/13/2024 12:20	31	0
981933	3/13/2024 11:49	3/13/2024 21:15	566	0
980132	3/13/2024 11:49	3/13/2024 14:31	162	0
1430553	3/13/2024 11:49	3/13/2024 12:15	26	0
324249	3/13/2024 11:50	3/13/2024 12:05	15	0
304295	3/13/2024 11:50	3/13/2024 14:43	173	0
1430838	3/13/2024 11:50	3/13/2024 12:16	26	0
1664433	3/13/2024 11:50	3/13/2024 12:06	16	0
982261	3/13/2024 11:50	3/13/2024 14:17	147	0.08
449036	3/13/2024 11:51	3/13/2024 12:17	26	0.02
323747	3/13/2024 11:51	3/13/2024 12:07	16	0.15
1363588	3/13/2024 11:51	3/13/2024 13:52	121	0
449377	3/13/2024 11:51	3/13/2024 12:28	37	0
1543009	3/13/2024 11:51	3/13/2024 12:22	31	0
325050	3/13/2024 11:52	3/13/2024 12:08	16	0

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740241	3/13/2024 11:52	3/13/2024 12:07	15	0
945898	3/13/2024 11:52	3/13/2024 12:23	31	0
324290	3/13/2024 11:53	3/13/2024 12:09	16	0
1265778	3/13/2024 11:53	3/13/2024 15:07	194	0
1362130	3/13/2024 11:54	3/13/2024 14:10	136	0
549259	3/13/2024 11:55	3/13/2024 12:57	62	0
660265	3/13/2024 11:55	3/13/2024 21:18	563	0
1268231	3/13/2024 12:03	3/13/2024 13:17	74	0
627018	3/13/2024 12:04	3/13/2024 14:05	121	0.01
320966	3/13/2024 12:04	3/13/2024 14:15	131	0
324249	3/13/2024 12:05	3/13/2024 21:16	551	0
928438	3/13/2024 12:05	3/14/2024 10:00	1314.83	0
926638	3/13/2024 12:05	3/14/2024 10:00	1314.83	0
926505	3/13/2024 12:06	3/14/2024 10:00	1313.83	0
1664433	3/13/2024 12:06	3/13/2024 14:07	121	0
627289	3/13/2024 12:06	3/13/2024 14:07	121	0
323747	3/13/2024 12:07	3/13/2024 21:23	556	0.25
971524	3/13/2024 12:07	3/13/2024 14:08	121	0
740241	3/13/2024 12:07	3/13/2024 14:08	121	0
926503	3/13/2024 12:07	3/14/2024 10:00	1312.83	0
325050	3/13/2024 12:08	3/13/2024 14:09	121	0
726904	3/13/2024 12:08	3/14/2024 10:00	1311.83	0
324290	3/13/2024 12:09	3/13/2024 14:10	121	0
1518000	3/13/2024 12:09	3/13/2024 12:56	47	0
1430553	3/13/2024 12:15	3/13/2024 13:03	48	0
1430838	3/13/2024 12:16	3/13/2024 13:03	47	0
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1031933	3/13/2024 12:17	3/14/2024 10:00	1302.27	0
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1430644	3/13/2024 12:20	3/13/2024 13:03	43	0
196965	3/13/2024 12:20	3/13/2024 14:31	131	0
1538577	3/13/2024 12:20	3/13/2024 14:37	137	0
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11081884	3/13/2024 12:21	3/13/2024 16:00	219	0
1543009	3/13/2024 12:22	3/13/2024 13:04	42	0
945898	3/13/2024 12:23	3/13/2024 14:08	105	0
449377	3/13/2024 12:28	3/13/2024 13:10	42	0
1065197	3/13/2024 12:30	3/13/2024 12:46	16	0.01
916441	3/13/2024 12:33	3/14/2024 10:00	1286.83	0
15611	3/13/2024 12:45	3/13/2024 14:14	89	0
1065197	3/13/2024 12:46	3/13/2024 13:44	58	0.29
14605	3/13/2024 12:47	3/13/2024 14:16	89	0
11435788	3/13/2024 12:49	3/13/2024 14:18	89	0
1325985	3/13/2024 12:56	3/13/2024 21:09	493	0.23
1518000	3/13/2024 12:56	3/14/2024 10:00	1263.57	0

549259	3/13/2024 12:57	3/13/2024 14:42	105	0
13876	3/13/2024 13:02	3/13/2024 14:16	74	0
1430838	3/13/2024 13:03	3/13/2024 13:35	32	0
1430553	3/13/2024 13:03	3/13/2024 13:34	31	0
1430644	3/13/2024 13:03	3/13/2024 13:34	31	0
1543009	3/13/2024 13:04	3/13/2024 14:07	63	0
1430294	3/13/2024 13:05	3/13/2024 13:31	26	0
980398	3/13/2024 13:07	3/13/2024 14:31	84	0
8511623	3/13/2024 13:08	3/14/2024 8:39	1171	0
449377	3/13/2024 13:10	3/13/2024 14:23	73	0
1268231	3/13/2024 13:17	3/14/2024 9:25	1208	0
623612	3/13/2024 13:23	3/14/2024 10:00	1236.48	0
980870	3/13/2024 13:23	3/13/2024 14:31	68	0
623069	3/13/2024 13:24	3/14/2024 10:00	1235.48	0
1430294	3/13/2024 13:31	3/13/2024 14:03	32	0
1430553	3/13/2024 13:34	3/13/2024 14:32	58	0
1430644	3/13/2024 13:34	3/13/2024 14:32	58	0
1430838	3/13/2024 13:35	3/13/2024 14:32	57	0
1065197	3/13/2024 13:44	3/13/2024 21:10	446	0
262048	3/13/2024 13:44	3/13/2024 14:31	47	0.03
427715	3/13/2024 13:45	3/13/2024 21:17	452	0
428411	3/13/2024 13:46	3/13/2024 21:17	451	0.16
675499	3/13/2024 13:46	3/13/2024 23:02	556	0
859747	3/13/2024 13:50	3/13/2024 14:06	16	0
860281	3/13/2024 13:51	3/13/2024 14:07	16	0
1363588	3/13/2024 13:52	3/13/2024 14:08	16	0
1509487	3/13/2024 13:53	3/13/2024 14:09	16	0
1361528	3/13/2024 13:53	3/13/2024 14:09	16	0
1363656	3/13/2024 13:53	3/13/2024 14:08	15	0
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1512907	3/13/2024 13:55	3/13/2024 14:11	16	0.01
1509486	3/13/2024 13:55	3/13/2024 14:11	16	0
1361770	3/13/2024 13:56	3/13/2024 14:07	11	0
423814	3/13/2024 14:01	3/13/2024 21:16	435	0.03
989956	3/13/2024 14:02	3/13/2024 21:07	425	0
1430294	3/13/2024 14:03	3/13/2024 14:34	31	0
12377908	3/13/2024 14:04	3/13/2024 21:17	433	0
627018	3/13/2024 14:05	3/13/2024 14:52	47	0.01
308622	3/13/2024 14:06	3/13/2024 21:21	435	0
859747	3/13/2024 14:06	3/13/2024 14:22	16	0
860281	3/13/2024 14:07	3/13/2024 14:22	15	0
1664433	3/13/2024 14:07	3/13/2024 14:39	32	0
1421188	3/13/2024 14:07	3/13/2024 14:23	16	0
1515733	3/13/2024 14:07	3/13/2024 14:22	15	0
1361770	3/13/2024 14:07	3/13/2024 14:23	16	0
1543009	3/13/2024 14:07	3/13/2024 14:38	31	0
955448	3/13/2024 14:07	3/13/2024 21:07	420	0

957216	3/13/2024 14:07	3/14/2024 10:00	1192.27	0
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1516579	3/13/2024 14:11	3/13/2024 14:26	15	0
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1363415	3/13/2024 14:12	3/13/2024 14:22	10	0.03
30370	3/13/2024 14:14	3/14/2024 10:00	1185.13	0
1267978	3/13/2024 14:14	3/13/2024 14:30	16	0
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330528	3/13/2024 14:17	3/13/2024 20:51	394	0
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8950281	3/13/2024 14:18	3/13/2024 14:34	16	0

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54324	3/13/2024 15:02	3/13/2024 21:25	383	0
1556434	3/13/2024 15:03	3/13/2024 21:21	378	0.15
56060	3/13/2024 15:03	3/13/2024 21:26	383	0
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1394324	3/13/2024 15:05	3/13/2024 15:21	16	0
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979888	3/13/2024 15:34	3/13/2024 21:14	340	0
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24124	3/13/2024 15:45	3/13/2024 21:26	341	0
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15611	3/13/2024 16:46	3/13/2024 21:19	273	0
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449377	3/13/2024 17:06	3/13/2024 17:48	42	0
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188639	3/13/2024 17:47	3/14/2024 10:00	972.13	0
449377	3/13/2024 17:48	3/13/2024 18:14	26	0

7533405	3/13/2024 17:51	3/14/2024 10:00	968.13	0
449377	3/13/2024 18:14	3/13/2024 18:46	32	0
449377	3/13/2024 18:46	3/13/2024 19:38	52	0
449377	3/13/2024 19:38	3/13/2024 20:52	74	0
317797	3/13/2024 20:11	3/14/2024 10:00	828.13	0
317233	3/13/2024 20:13	3/14/2024 10:00	826.13	0
1020565	3/13/2024 20:32	3/14/2024 10:00	807.27	0
1599209	3/13/2024 20:48	3/14/2024 10:00	791.57	0
330528	3/13/2024 20:51	3/14/2024 10:00	788.13	0
449377	3/13/2024 20:52	3/13/2024 21:23	31	0
945898	3/13/2024 21:03	3/14/2024 10:00	776.83	0
1321605	3/13/2024 21:04	3/14/2024 9:28	744	0
1654064	3/13/2024 21:06	3/14/2024 10:00	773.27	0
1019446	3/13/2024 21:06	3/14/2024 10:00	773.27	0
955448	3/13/2024 21:07	3/14/2024 10:00	772.27	0
1701172	3/13/2024 21:07	3/14/2024 10:00	772.15	0
989956	3/13/2024 21:07	3/14/2024 10:00	772.27	0
982457	3/13/2024 21:07	3/14/2024 9:33	746	0
658177	3/13/2024 21:08	3/14/2024 10:00	771.83	0
1320008	3/13/2024 21:08	3/14/2024 9:55	767	0
1320619	3/13/2024 21:08	3/14/2024 7:58	650	0
1325985	3/13/2024 21:09	3/14/2024 10:00	770.15	0
385332	3/13/2024 21:09	3/14/2024 10:00	770.48	0
1332906	3/13/2024 21:09	3/14/2024 10:00	770.15	0
1321663	3/13/2024 21:09	3/14/2024 8:10	661	0
979815	3/13/2024 21:09	3/14/2024 10:00	770.27	0
956559	3/13/2024 21:10	3/14/2024 10:00	769.27	0
1064514	3/13/2024 21:10	3/14/2024 10:00	769.27	0
2032900	3/13/2024 21:10	3/14/2024 10:00	769.15	0
980132	3/13/2024 21:10	3/14/2024 8:19	669	0
1065197	3/13/2024 21:10	3/14/2024 10:00	769.27	0
980398	3/13/2024 21:10	3/14/2024 9:30	740	0
8150753	3/13/2024 21:11	3/14/2024 10:00	768.27	0
1320845	3/13/2024 21:11	3/14/2024 10:00	768.15	0
975191	3/13/2024 21:11	3/14/2024 10:00	768.27	0
816722	3/13/2024 21:11	3/14/2024 10:00	768.83	0
1361770	3/13/2024 21:12	3/14/2024 10:00	767.15	0
1343091	3/13/2024 21:12	3/14/2024 10:00	767.15	0
380736	3/13/2024 21:12	3/14/2024 10:00	767.48	0
860281	3/13/2024 21:12	3/14/2024 10:00	767.83	0
1503634	3/13/2024 21:12	3/14/2024 10:00	767.15	0
1309098	3/13/2024 21:12	3/14/2024 10:00	767.15	0
1434550	3/13/2024 21:13	3/14/2024 10:00	766.57	0
971524	3/13/2024 21:13	3/14/2024 10:00	766.48	0
926657	3/13/2024 21:13	3/14/2024 10:00	766.83	0
500173	3/13/2024 21:13	3/14/2024 10:00	766.48	0
1469866	3/13/2024 21:13	3/14/2024 9:43	750	0

1363656	3/13/2024 21:13	3/14/2024 10:00	766.15	0
956579	3/13/2024 21:13	3/14/2024 10:00	766.27	0
1363588	3/13/2024 21:13	3/14/2024 9:39	746	0
646026	3/13/2024 21:14	3/14/2024 10:00	765.48	0
325050	3/13/2024 21:14	3/14/2024 10:00	765.13	0
979888	3/13/2024 21:14	3/14/2024 10:00	765.27	0
1362855	3/13/2024 21:14	3/14/2024 10:00	765.15	0
1265778	3/13/2024 21:14	3/14/2024 10:00	765.15	0
1361623	3/13/2024 21:14	3/14/2024 10:00	765.15	0
1267978	3/13/2024 21:14	3/14/2024 10:00	765.27	0
6280623	3/13/2024 21:14	3/14/2024 9:39	745	0
563241	3/13/2024 21:14	3/14/2024 10:00	765.48	0
549617	3/13/2024 21:14	3/14/2024 10:00	765.48	0
1321750	3/13/2024 21:14	3/14/2024 8:00	646	0
626477	3/13/2024 21:14	3/14/2024 10:00	765.48	0
8434548	3/13/2024 21:15	3/14/2024 10:00	764.13	0
790670	3/13/2024 21:15	3/14/2024 10:00	764.83	0
1355611	3/13/2024 21:15	3/14/2024 10:00	764.15	0
1393699	3/13/2024 21:15	3/14/2024 9:25	730	0
1432827	3/13/2024 21:15	3/14/2024 10:00	764.57	0
264379	3/13/2024 21:15	3/14/2024 10:00	764.13	0
981933	3/13/2024 21:15	3/14/2024 10:00	764.27	0
570253	3/13/2024 21:15	3/14/2024 10:00	764.48	0
1704232	3/13/2024 21:15	3/14/2024 10:00	764.15	0
1362130	3/13/2024 21:15	3/14/2024 9:41	746	0
590897	3/13/2024 21:15	3/14/2024 10:00	764.48	0
304209	3/13/2024 21:15	3/14/2024 10:00	764.13	0
549259	3/13/2024 21:16	3/14/2024 10:00	763.48	0
980870	3/13/2024 21:16	3/14/2024 9:34	738	0
12378019	3/13/2024 21:16	3/14/2024 10:00	763.13	0
12376755	3/13/2024 21:16	3/14/2024 10:00	763.15	0
1512907	3/13/2024 21:16	3/14/2024 10:00	763.57	0
982261	3/13/2024 21:16	3/14/2024 10:00	763.27	0
1602693	3/13/2024 21:16	3/14/2024 10:00	763.57	0
423814	3/13/2024 21:16	3/14/2024 10:00	763.48	0
793285	3/13/2024 21:16	3/14/2024 10:00	763.83	0
1543287	3/13/2024 21:16	3/14/2024 10:00	763.57	0
1307027	3/13/2024 21:16	3/14/2024 10:00	763.15	0
1393633	3/13/2024 21:16	3/14/2024 10:00	763.15	0
878149	3/13/2024 21:16	3/14/2024 10:00	763.83	0
975032	3/13/2024 21:16	3/14/2024 10:00	763.27	0
1445317	3/13/2024 21:16	3/14/2024 7:56	640	0
416557	3/13/2024 21:16	3/14/2024 10:00	763.48	0
324249	3/13/2024 21:16	3/14/2024 10:00	763.13	0
627018	3/13/2024 21:16	3/14/2024 10:00	763.48	0
262048	3/13/2024 21:16	3/14/2024 9:46	750	0
1251782	3/13/2024 21:16	3/14/2024 10:00	763.83	0

1064575	3/13/2024 21:16	3/14/2024 10:00	763.27	0
1466357	3/13/2024 21:16	3/14/2024 10:00	763.57	0
11176351	3/13/2024 21:16	3/14/2024 10:00	763.57	0
23462	3/13/2024 21:16	3/14/2024 10:00	763.13	0
1624452	3/13/2024 21:17	3/14/2024 9:32	735	0
552210	3/13/2024 21:17	3/14/2024 10:00	762.48	0
1363415	3/13/2024 21:17	3/14/2024 10:00	762.15	0
449036	3/13/2024 21:17	3/14/2024 10:00	762.48	0
428411	3/13/2024 21:17	3/14/2024 10:00	762.48	0
51483	3/13/2024 21:17	3/14/2024 8:32	675	0
7937779	3/13/2024 21:17	3/14/2024 10:00	762.15	0
427715	3/13/2024 21:17	3/14/2024 10:00	762.48	0
12377908	3/13/2024 21:17	3/14/2024 10:00	762.13	0
510307	3/13/2024 21:17	3/14/2024 10:00	762.48	0
1543009	3/13/2024 21:17	3/14/2024 10:00	762.57	0
314899	3/13/2024 21:17	3/14/2024 9:37	740	0
507365	3/13/2024 21:17	3/14/2024 10:00	762.48	0
1435945	3/13/2024 21:17	3/14/2024 10:00	762.57	0
1321114	3/13/2024 21:17	3/14/2024 10:00	762.15	0
1041597	3/13/2024 21:17	3/14/2024 10:00	762.27	0
1513240	3/13/2024 21:17	3/14/2024 10:00	762.57	0
817825	3/13/2024 21:17	3/14/2024 10:00	762.83	0
315169	3/13/2024 21:17	3/14/2024 9:01	704	0
1513398	3/13/2024 21:17	3/14/2024 10:00	762.57	0
549596	3/13/2024 21:18	3/14/2024 10:00	761.48	0
1432509	3/13/2024 21:18	3/14/2024 10:00	761.57	0
1567514	3/13/2024 21:18	3/14/2024 9:59	761	0
338734	3/13/2024 21:18	3/14/2024 10:00	761.13	0
952445	3/13/2024 21:18	3/14/2024 10:00	761.27	0
8206792	3/13/2024 21:18	3/14/2024 10:00	761.57	0
314188	3/13/2024 21:18	3/14/2024 9:01	703	0
381982	3/13/2024 21:18	3/14/2024 10:00	761.48	0
1456419	3/13/2024 21:18	3/14/2024 10:00	761.57	0
656498	3/13/2024 21:18	3/14/2024 10:00	761.83	0
8495802	3/13/2024 21:18	3/14/2024 10:00	761.57	0
1415828	3/13/2024 21:18	3/14/2024 10:00	761.15	0
8910809	3/13/2024 21:18	3/14/2024 10:00	761.48	0
587455	3/13/2024 21:18	3/14/2024 10:00	761.48	0
353651	3/13/2024 21:18	3/14/2024 10:00	761.13	0
11435788	3/13/2024 21:18	3/14/2024 10:00	761.13	0
328570	3/13/2024 21:18	3/14/2024 9:33	735	0
660265	3/13/2024 21:18	3/14/2024 10:00	761.83	0
975066	3/13/2024 21:19	3/14/2024 9:39	740	0
1190246	3/13/2024 21:19	3/14/2024 9:39	740	0
15611	3/13/2024 21:19	3/14/2024 10:00	760.13	0
511266	3/13/2024 21:19	3/14/2024 10:00	760.48	0
1604432	3/13/2024 21:19	3/14/2024 9:50	751	0

1493766	3/13/2024 21:19	3/14/2024 10:00	760.15	0
303510	3/13/2024 21:19	3/14/2024 10:00	760.13	0
1509487	3/13/2024 21:19	3/14/2024 10:00	760.57	0
1320646	3/13/2024 21:19	3/14/2024 10:00	760.15	0
6828301	3/13/2024 21:19	3/14/2024 9:45	746	0
1465391	3/13/2024 21:19	3/14/2024 10:00	760.57	0
1310926	3/13/2024 21:19	3/14/2024 10:00	760.15	0
1430294	3/13/2024 21:19	3/14/2024 10:00	760.57	0
1361528	3/13/2024 21:19	3/14/2024 9:40	741	0
1537548	3/13/2024 21:19	3/14/2024 10:00	760.57	0
6995795	3/13/2024 21:19	3/14/2024 10:00	760.48	0
47769	3/13/2024 21:19	3/14/2024 10:00	760.13	0
1430644	3/13/2024 21:19	3/14/2024 9:34	735	0
304345	3/13/2024 21:19	3/14/2024 10:00	760.13	0
14239	3/13/2024 21:19	3/14/2024 10:00	760.13	0
1431804	3/13/2024 21:19	3/14/2024 10:00	760.57	0
6714863	3/13/2024 21:19	3/14/2024 10:00	760.83	0
564518	3/13/2024 21:19	3/14/2024 10:00	760.48	0
506261	3/13/2024 21:20	3/14/2024 10:00	759.48	0
1453263	3/13/2024 21:20	3/14/2024 10:00	759.57	0
1417138	3/13/2024 21:20	3/14/2024 10:00	759.15	0
34905	3/13/2024 21:20	3/14/2024 10:00	759.13	0
8524544	3/13/2024 21:20	3/14/2024 10:00	759.13	0
320966	3/13/2024 21:20	3/14/2024 9:30	730	0
328113	3/13/2024 21:20	3/14/2024 10:00	759.13	0
353082	3/13/2024 21:20	3/14/2024 10:00	759.13	0
605186	3/13/2024 21:20	3/14/2024 10:00	759.48	0
7879030	3/13/2024 21:20	3/14/2024 10:00	759.48	0
26864	3/13/2024 21:20	3/14/2024 10:00	759.13	0
324290	3/13/2024 21:20	3/14/2024 10:00	759.13	0
328911	3/13/2024 21:20	3/14/2024 10:00	759.13	0
11081884	3/13/2024 21:20	3/14/2024 10:00	759.13	0
1556486	3/13/2024 21:20	3/14/2024 10:00	759.57	0
196965	3/13/2024 21:20	3/14/2024 10:00	759.13	0
469018	3/13/2024 21:20	3/14/2024 10:00	759.48	0
645339	3/13/2024 21:20	3/14/2024 10:00	759.48	0
380057	3/13/2024 21:20	3/14/2024 10:00	759.48	0
28110	3/13/2024 21:20	3/14/2024 10:00	759.13	0
1416360	3/13/2024 21:20	3/14/2024 10:00	759.15	0
1421188	3/13/2024 21:20	3/14/2024 10:00	759.15	0
1418462	3/13/2024 21:20	3/14/2024 10:00	759.15	0
1573666	3/13/2024 21:20	3/14/2024 10:00	759.57	0
308622	3/13/2024 21:21	3/14/2024 10:00	758.13	0
1538577	3/13/2024 21:21	3/14/2024 10:00	758.57	0
1672745	3/13/2024 21:21	3/14/2024 10:00	758.48	0
315730	3/13/2024 21:21	3/14/2024 9:05	704	0
25674	3/13/2024 21:21	3/14/2024 10:00	758.13	0

553863	3/13/2024 21:21	3/14/2024 10:00	758.48	0
30176	3/13/2024 21:21	3/14/2024 10:00	758.13	0
8104722	3/13/2024 21:21	3/14/2024 9:42	741	0
859747	3/13/2024 21:21	3/14/2024 10:00	758.83	0
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1556434	3/13/2024 21:21	3/14/2024 10:00	758.57	0
34832	3/13/2024 21:21	3/14/2024 10:00	758.13	0
1385431	3/13/2024 21:21	3/14/2024 10:00	758.15	0
1430553	3/13/2024 21:21	3/14/2024 9:31	730	0
1516579	3/13/2024 21:21	3/14/2024 10:00	758.57	0
5212517	3/13/2024 21:21	3/14/2024 9:42	741	0
1537541	3/13/2024 21:22	3/14/2024 10:00	757.57	0
1515733	3/13/2024 21:22	3/14/2024 9:53	751	0
14605	3/13/2024 21:22	3/14/2024 10:00	757.13	0
1564506	3/13/2024 21:22	3/14/2024 10:00	757.57	0
1430838	3/13/2024 21:22	3/14/2024 9:33	731	0
34887	3/13/2024 21:22	3/14/2024 10:00	757.13	0
12682110	3/13/2024 21:22	3/14/2024 10:00	757.57	0
624716	3/13/2024 21:22	3/14/2024 10:00	757.48	0
1414392	3/13/2024 21:22	3/14/2024 10:00	757.15	0
29635	3/13/2024 21:22	3/14/2024 10:00	757.13	0
198082	3/13/2024 21:22	3/14/2024 10:00	757.13	0
627289	3/13/2024 21:22	3/14/2024 10:00	757.48	0
574596	3/13/2024 21:22	3/14/2024 9:53	751	0
1509486	3/13/2024 21:22	3/14/2024 10:00	757.57	0
49209	3/13/2024 21:22	3/14/2024 10:00	757.13	0
523489	3/13/2024 21:22	3/14/2024 9:41	739	0
561672	3/13/2024 21:23	3/14/2024 10:00	756.48	0
29848	3/13/2024 21:23	3/14/2024 9:44	741	0
1494722	3/13/2024 21:23	3/14/2024 9:28	725	0
1537992	3/13/2024 21:23	3/14/2024 10:00	756.57	0
449377	3/13/2024 21:23	3/13/2024 21:44	21	0
1514004	3/13/2024 21:23	3/14/2024 10:00	756.57	0
304845	3/13/2024 21:23	3/14/2024 9:43	740	0
1450250	3/13/2024 21:23	3/14/2024 10:00	756.57	0
1394324	3/13/2024 21:23	3/14/2024 9:49	746	0
10659831	3/13/2024 21:23	3/14/2024 10:00	756.57	0
1431996	3/13/2024 21:23	3/14/2024 10:00	756.57	0
10659208	3/13/2024 21:23	3/14/2024 10:00	756.13	0
23566	3/13/2024 21:23	3/14/2024 10:00	756.13	0
8621797	3/13/2024 21:23	3/14/2024 9:44	741	0
1565203	3/13/2024 21:23	3/14/2024 10:00	756.57	0
740241	3/13/2024 21:23	3/14/2024 8:34	671	0
323747	3/13/2024 21:23	3/14/2024 10:00	756.13	0
183822	3/13/2024 21:23	3/14/2024 10:00	756.13	0
35442	3/13/2024 21:23	3/14/2024 10:00	756.13	0
1664433	3/13/2024 21:23	3/14/2024 10:00	756.83	0

569142	3/13/2024 21:24	3/14/2024 10:00	755.48	0
1576533	3/13/2024 21:24	3/14/2024 10:00	755.57	0
1537447	3/13/2024 21:24	3/14/2024 10:00	755.57	0
1554218	3/13/2024 21:24	3/14/2024 9:34	730	0
197356	3/13/2024 21:24	3/14/2024 10:00	755.13	0
56196	3/13/2024 21:24	3/14/2024 10:00	755.13	0
1493132	3/13/2024 21:24	3/14/2024 8:47	683	0
601397	3/13/2024 21:24	3/14/2024 10:00	755.48	0
9063373	3/13/2024 21:24	3/14/2024 9:49	745	0
189581	3/13/2024 21:25	3/14/2024 10:00	754.13	0
1516739	3/13/2024 21:25	3/14/2024 10:00	754.57	0
317084	3/13/2024 21:25	3/14/2024 9:40	735	0
313269	3/13/2024 21:25	3/14/2024 10:00	754.13	0
1602630	3/13/2024 21:25	3/14/2024 10:00	754.57	0
1377303	3/13/2024 21:25	3/14/2024 9:25	720	0
13876	3/13/2024 21:25	3/14/2024 10:00	754.13	0
316997	3/13/2024 21:25	3/14/2024 10:00	754.13	0
8148103	3/13/2024 21:25	3/14/2024 10:00	754.13	0
54324	3/13/2024 21:25	3/14/2024 10:00	754.13	0
303811	3/13/2024 21:26	3/14/2024 10:00	753.13	0
24124	3/13/2024 21:26	3/14/2024 10:00	753.13	0
1556243	3/13/2024 21:26	3/14/2024 10:00	753.57	0
56060	3/13/2024 21:26	3/14/2024 10:00	753.13	0
957615	3/13/2024 21:26	3/14/2024 10:00	753.27	0
574993	3/13/2024 21:27	3/14/2024 9:05	698	0
8950281	3/13/2024 21:27	3/14/2024 8:32	665	0
1375642	3/13/2024 21:27	3/14/2024 10:00	752.15	0
1539391	3/13/2024 21:27	3/14/2024 10:00	752.57	0
1468500	3/13/2024 21:27	3/14/2024 9:42	735	0
304295	3/13/2024 21:28	3/14/2024 10:00	751.13	0
324045	3/13/2024 21:28	3/14/2024 10:00	751.13	0
8734029	3/13/2024 21:28	3/14/2024 10:00	751.57	0
27483	3/13/2024 21:35	3/14/2024 9:40	725	0
449377	3/13/2024 21:44	3/13/2024 22:05	21	0
664453	3/13/2024 21:57	3/14/2024 9:57	720	0
449377	3/13/2024 22:05	3/13/2024 22:47	42	0
1089848	3/13/2024 22:24	3/14/2024 10:00	695.83	0
1433522	3/13/2024 22:35	3/14/2024 10:00	684.57	0
449377	3/13/2024 22:47	3/13/2024 23:50	63	0
675499	3/13/2024 23:02	3/14/2024 10:00	657.83	0
428372	3/13/2024 23:11	3/14/2024 10:00	648.48	0
449377	3/13/2024 23:50	3/14/2024 0:37	47	0
449377	3/14/2024 0:37	3/14/2024 3:04	147	0
449377	3/14/2024 3:04	3/14/2024 3:40	36	0
1503739	3/14/2024 3:12	3/14/2024 8:17	305	0
449377	3/14/2024 3:40	3/14/2024 4:18	38	0
449377	3/14/2024 4:18	3/14/2024 4:49	31	0

449377	3/14/2024 4:49	3/14/2024 5:26	37	0
449377	3/14/2024 5:26	3/14/2024 6:34	68	0
449377	3/14/2024 6:34	3/14/2024 7:01	27	0
449377	3/14/2024 7:01	3/14/2024 7:37	36	0
449377	3/14/2024 7:37	3/14/2024 8:46	69	0
1445317	3/14/2024 7:56	3/14/2024 8:26	30	0
1320619	3/14/2024 7:58	3/14/2024 10:00	121.15	0
1321750	3/14/2024 8:00	3/14/2024 10:00	119.15	0
1321663	3/14/2024 8:10	3/14/2024 10:00	109.15	0
1503739	3/14/2024 8:17	3/14/2024 10:00	102.27	0
980132	3/14/2024 8:19	3/14/2024 10:00	100.27	0
1445317	3/14/2024 8:26	3/14/2024 10:00	93.57	0
51483	3/14/2024 8:32	3/14/2024 10:00	87.13	0
8950281	3/14/2024 8:32	3/14/2024 10:00	87.13	0
740241	3/14/2024 8:34	3/14/2024 10:00	85.83	0
8511623	3/14/2024 8:39	3/14/2024 10:00	80.13	0
449377	3/14/2024 8:46	3/14/2024 8:56	10	0
1493132	3/14/2024 8:47	3/14/2024 10:00	72.15	0
449377	3/14/2024 8:56	3/14/2024 10:00	63.48	0
315169	3/14/2024 9:01	3/14/2024 9:17	16	0
314188	3/14/2024 9:01	3/14/2024 9:17	16	0
315730	3/14/2024 9:05	3/14/2024 9:20	15	0
574993	3/14/2024 9:05	3/14/2024 10:00	54.48	0
315169	3/14/2024 9:17	3/14/2024 10:00	42.13	0
314188	3/14/2024 9:17	3/14/2024 10:00	42.13	0
315730	3/14/2024 9:20	3/14/2024 10:00	39.13	0
1377303	3/14/2024 9:25	3/14/2024 10:00	34.15	0
1393699	3/14/2024 9:25	3/14/2024 10:00	34.15	0
353728	3/14/2024 9:25	3/14/2024 10:00	34.13	0
1268231	3/14/2024 9:25	3/14/2024 10:00	34.27	0
1494722	3/14/2024 9:28	3/14/2024 10:00	31.15	0
1321605	3/14/2024 9:28	3/14/2024 10:00	31.15	0
980398	3/14/2024 9:30	3/14/2024 10:00	29.27	0
320966	3/14/2024 9:30	3/14/2024 10:00	29.13	0
1430553	3/14/2024 9:31	3/14/2024 10:00	28.57	0
1624452	3/14/2024 9:32	3/14/2024 10:00	27.57	0
982457	3/14/2024 9:33	3/14/2024 10:00	26.27	0
1430838	3/14/2024 9:33	3/14/2024 10:00	26.57	0
328570	3/14/2024 9:33	3/14/2024 10:00	26.13	0
1430644	3/14/2024 9:34	3/14/2024 10:00	25.57	0.17
1554218	3/14/2024 9:34	3/14/2024 10:00	25.57	0
980870	3/14/2024 9:34	3/14/2024 10:00	25.27	0
314899	3/14/2024 9:37	3/14/2024 9:53	16	0
1190246	3/14/2024 9:39	3/14/2024 10:00	20.15	0
1363588	3/14/2024 9:39	3/14/2024 10:00	20.15	0
975066	3/14/2024 9:39	3/14/2024 10:00	20.27	0
6280623	3/14/2024 9:39	3/14/2024 9:55	16	0

1361528	3/14/2024 9:40	3/14/2024 10:00	19.15	0
317084	3/14/2024 9:40	3/14/2024 9:55	15	0
27483	3/14/2024 9:40	3/14/2024 10:00	19.13	0
1362130	3/14/2024 9:41	3/14/2024 10:00	18.15	0
523489	3/14/2024 9:41	3/14/2024 9:57	16	0
5212517	3/14/2024 9:42	3/14/2024 10:00	17.13	0
1468500	3/14/2024 9:42	3/14/2024 10:00	17.57	0
8104722	3/14/2024 9:42	3/14/2024 9:52	10	0
304785	3/14/2024 9:42	3/14/2024 10:00	17.13	0
1469866	3/14/2024 9:43	3/14/2024 10:00	16.57	0
304845	3/14/2024 9:43	3/14/2024 10:00	16.13	0
29848	3/14/2024 9:44	3/14/2024 10:00	15.13	0
8621797	3/14/2024 9:44	3/14/2024 10:00	15.13	0
6828301	3/14/2024 9:45	3/14/2024 10:00	14.13	0
262048	3/14/2024 9:46	3/14/2024 10:00	13.13	0
1395587	3/14/2024 9:48	3/14/2024 10:00	11.15	0
1394324	3/14/2024 9:49	3/14/2024 10:00	10.15	0
9063373	3/14/2024 9:49	3/14/2024 10:00	10.15	0
1604432	3/14/2024 9:50	3/14/2024 10:00	9.57	0
8104722	3/14/2024 9:52	3/14/2024 10:00	7.13	0
1511532	3/14/2024 9:53	3/14/2024 10:00	6.57	0
314899	3/14/2024 9:53	3/14/2024 10:00	6.13	0
574596	3/14/2024 9:53	3/14/2024 10:00	6.48	0
1515733	3/14/2024 9:53	3/14/2024 10:00	6.57	0
1508563	3/14/2024 9:55	3/14/2024 10:00	4.57	0
317084	3/14/2024 9:55	3/14/2024 10:00	4.13	0
6280623	3/14/2024 9:55	3/14/2024 10:00	4.13	0
1320008	3/14/2024 9:55	3/14/2024 10:00	4.15	0
664453	3/14/2024 9:57	3/14/2024 10:00	2.83	0
523489	3/14/2024 9:57	3/14/2024 10:00	2.13	0
1567514	3/14/2024 9:59	3/14/2024 10:00	0.57	0
447406	3/14/2024 10:00	3/15/2024 10:00	1439.48	0
47769	3/14/2024 10:00	3/15/2024 8:40	1359.93	0
10222019	3/14/2024 10:00	3/15/2024 10:00	1439.15	0
10433250	3/14/2024 10:00	3/15/2024 8:37	1356.88	1.67
1418462	3/14/2024 10:00	3/14/2024 14:30	269.72	0
253877	3/14/2024 10:00	3/15/2024 10:00	1439.13	0
25066	3/14/2024 10:00	3/15/2024 10:00	1439.13	0
444688	3/14/2024 10:00	3/15/2024 10:00	1439.48	0
1422300	3/14/2024 10:00	3/15/2024 10:00	1439.15	0
675499	3/14/2024 10:00	3/14/2024 14:00	240.22	0
1701172	3/14/2024 10:00	3/14/2024 12:00	120	0
554089	3/14/2024 10:00	3/15/2024 10:00	1439.48	0
56196	3/14/2024 10:00	3/15/2024 8:39	1358.93	0
1672784	3/14/2024 10:00	3/15/2024 10:00	1439.48	0.3
454372	3/14/2024 10:00	3/15/2024 10:00	1439.48	0
953854	3/14/2024 10:00	3/15/2024 10:00	1439.27	0

1516786	3/14/2024 10:00	3/15/2024 10:00	1439.57	0
1368580	3/14/2024 10:00	3/15/2024 10:00	1439.15	0
601397	3/14/2024 10:00	3/15/2024 8:39	1358.68	0
1554218	3/14/2024 10:00	3/14/2024 11:41	101	0
1366197	3/14/2024 10:00	3/15/2024 10:00	1439.15	0
8950281	3/14/2024 10:00	3/14/2024 11:04	64	0
202435	3/14/2024 10:00	3/15/2024 10:00	1439.13	0
7879030	3/14/2024 10:00	3/15/2024 10:00	1439.48	0
1394324	3/14/2024 10:00	3/15/2024 8:39	1358.88	0
1513541	3/14/2024 10:00	3/15/2024 10:00	1439.57	0
49209	3/14/2024 10:00	3/15/2024 8:39	1358.93	0
574993	3/14/2024 10:00	3/14/2024 21:19	678.68	0
10714479	3/14/2024 10:00	3/14/2024 11:42	102	0.34
1457350	3/14/2024 10:00	3/15/2024 10:00	1439.57	0
1413046	3/14/2024 10:00	3/15/2024 10:00	1439.15	0
1352388	3/14/2024 10:00	3/15/2024 10:00	1439.15	0
7937779	3/14/2024 10:00	3/15/2024 8:40	1359.88	0
27483	3/14/2024 10:01	3/14/2024 11:41	100	0
401447	3/14/2024 10:01	3/15/2024 10:00	1438.48	0
975032	3/14/2024 10:01	3/14/2024 14:30	268.47	0
506261	3/14/2024 10:06	3/15/2024 8:39	1352.68	0.17
1310926	3/14/2024 10:06	3/15/2024 8:39	1352.88	0
441757	3/14/2024 10:07	3/15/2024 10:00	1432.48	0
523489	3/14/2024 10:07	3/14/2024 11:42	95	0.19
1453263	3/14/2024 10:07	3/14/2024 11:41	94	0
1362130	3/14/2024 10:07	3/14/2024 14:24	256.72	0
562202	3/14/2024 10:07	3/15/2024 10:00	1432.48	0
262048	3/14/2024 10:07	3/15/2024 10:00	1432.13	3.93
8724096	3/14/2024 10:07	3/15/2024 10:00	1432.15	0
605186	3/14/2024 10:07	3/15/2024 8:41	1353.68	0.1
1377303	3/14/2024 10:08	3/14/2024 11:37	89	0
8104722	3/14/2024 10:08	3/14/2024 11:42	94	0
345752	3/14/2024 10:08	3/15/2024 10:00	1431.13	0
96751	3/14/2024 10:08	3/15/2024 10:00	1431.13	0
1511264	3/14/2024 10:08	3/14/2024 14:26	258.27	0.02
1516579	3/14/2024 10:08	3/14/2024 11:37	89	0
1511532	3/14/2024 10:08	3/14/2024 14:25	257.27	1.56
1664433	3/14/2024 10:09	3/14/2024 11:07	58	0
1515733	3/14/2024 10:09	3/14/2024 11:38	89	0.44
1309098	3/14/2024 10:09	3/14/2024 21:07	657.88	2.26
314899	3/14/2024 10:09	3/14/2024 11:38	89	0
1430294	3/14/2024 10:10	3/14/2024 21:15	664.82	0
1321605	3/14/2024 10:10	3/14/2024 11:55	105	0.1
29848	3/14/2024 10:10	3/14/2024 11:44	94	0.14
1363588	3/14/2024 10:10	3/14/2024 14:23	252.72	0.81
316997	3/14/2024 10:10	3/14/2024 11:40	90	0
1511251	3/14/2024 10:10	3/14/2024 14:32	262.27	0

1320008	3/14/2024 10:10	3/14/2024 12:00	110	0
975066	3/14/2024 10:11	3/14/2024 14:29	257.47	0
1361623	3/14/2024 10:11	3/14/2024 14:23	251.72	0
1362855	3/14/2024 10:11	3/14/2024 14:24	252.72	0.85
1508563	3/14/2024 10:11	3/14/2024 14:26	255.27	0
1321750	3/14/2024 10:11	3/14/2024 11:30	79	0
1465391	3/14/2024 10:11	3/14/2024 11:56	105	0
317084	3/14/2024 10:11	3/14/2024 11:41	90	0
6280623	3/14/2024 10:11	3/14/2024 11:40	89	0
8148103	3/14/2024 10:11	3/14/2024 11:41	90	0
1361528	3/14/2024 10:11	3/14/2024 14:24	252.72	0
1494722	3/14/2024 10:12	3/14/2024 11:42	90	0.55
1393699	3/14/2024 10:12	3/14/2024 11:00	48	0
189581	3/14/2024 10:12	3/14/2024 11:41	89	0
26864	3/14/2024 10:12	3/14/2024 11:41	89	0
975191	3/14/2024 10:13	3/14/2024 14:41	267.47	0
23462	3/14/2024 10:13	3/14/2024 11:42	89	0
29635	3/14/2024 10:13	3/14/2024 13:44	210.92	0
1395587	3/14/2024 10:14	3/15/2024 8:38	1343.88	0
1041597	3/14/2024 10:14	3/14/2024 11:48	94	0
6828301	3/14/2024 10:14	3/15/2024 8:43	1348.93	0
561672	3/14/2024 10:15	3/14/2024 21:17	661.68	0
982457	3/14/2024 10:15	3/14/2024 21:03	648.23	0.46
1599209	3/14/2024 10:15	3/15/2024 8:41	1345.82	0
979888	3/14/2024 10:15	3/15/2024 8:39	1344.23	0
1567514	3/14/2024 10:15	3/14/2024 11:44	89	0
1020565	3/14/2024 10:16	3/15/2024 8:36	1340.23	0.29
1493132	3/14/2024 10:16	3/14/2024 11:14	58	0
1430644	3/14/2024 10:17	3/14/2024 21:13	655.82	0.13
264379	3/14/2024 10:17	3/15/2024 8:38	1340.93	0
320966	3/14/2024 10:17	3/15/2024 8:39	1341.93	0
309944	3/14/2024 10:17	3/14/2024 20:23	605.93	1.51
979815	3/14/2024 10:17	3/14/2024 21:01	644.23	0
1503739	3/14/2024 10:17	3/15/2024 8:41	1344.23	1.15
315730	3/14/2024 10:18	3/14/2024 11:47	89	0
980398	3/14/2024 10:18	3/15/2024 8:36	1338.23	0
1602693	3/14/2024 10:18	3/14/2024 11:37	79	0
198082	3/14/2024 10:19	3/14/2024 13:23	183.92	0
449036	3/14/2024 10:19	3/14/2024 11:33	74	0.22
1430553	3/14/2024 10:19	3/15/2024 8:40	1340.82	0
315169	3/14/2024 10:19	3/14/2024 14:21	241.92	0
982261	3/14/2024 10:19	3/15/2024 8:40	1341.23	2.47
740241	3/14/2024 10:19	3/14/2024 11:46	87	0
1624452	3/14/2024 10:19	3/14/2024 11:33	74	0
449377	3/14/2024 10:20	3/14/2024 11:19	59	0
1430838	3/14/2024 10:20	3/15/2024 8:37	1336.82	0
11081884	3/14/2024 10:20	3/14/2024 11:35	75	0

314188	3/14/2024 10:20	3/14/2024 11:49	89	0
980132	3/14/2024 10:20	3/14/2024 21:03	643.23	0
1543009	3/14/2024 10:20	3/15/2024 8:41	1340.82	0
980870	3/14/2024 10:21	3/14/2024 22:02	701.23	0
1604432	3/14/2024 10:21	3/14/2024 11:34	73	0
308032	3/14/2024 10:22	3/15/2024 8:36	1333.93	1.53
308802	3/14/2024 10:22	3/15/2024 8:39	1336.93	0
790670	3/14/2024 10:22	3/15/2024 8:36	1334.42	0
511266	3/14/2024 10:22	3/14/2024 21:08	645.68	0
1190246	3/14/2024 10:22	3/14/2024 12:12	109.72	0
793285	3/14/2024 10:23	3/15/2024 8:38	1335.42	0.81
1543287	3/14/2024 10:23	3/15/2024 8:39	1335.82	0
1468500	3/14/2024 10:24	3/15/2024 8:39	1334.82	0
510307	3/14/2024 10:25	3/15/2024 8:37	1331.68	0
1393633	3/14/2024 10:25	3/14/2024 11:43	78	0.4
507365	3/14/2024 10:25	3/15/2024 8:38	1332.68	0
8486022	3/14/2024 10:25	3/14/2024 11:39	74	0
1447211	3/14/2024 10:26	3/14/2024 11:40	74	0
1469866	3/14/2024 10:26	3/15/2024 8:39	1332.82	0
1444636	3/14/2024 10:26	3/14/2024 11:39	73	0.05
6714863	3/14/2024 10:27	3/15/2024 8:37	1330.42	0.43
1444947	3/14/2024 10:27	3/14/2024 11:39	72	0
956559	3/14/2024 10:28	3/14/2024 21:03	635.23	0.03
353651	3/14/2024 10:28	3/14/2024 21:12	643.93	0
353082	3/14/2024 10:28	3/15/2024 8:39	1330.93	1
957615	3/14/2024 10:28	3/15/2024 8:38	1330.23	0
1446401	3/14/2024 10:28	3/14/2024 11:42	74	0
664453	3/14/2024 10:28	3/14/2024 14:09	221.22	0
1573666	3/14/2024 10:28	3/15/2024 8:39	1330.82	0
304295	3/14/2024 10:29	3/14/2024 11:59	90	0
956579	3/14/2024 10:29	3/14/2024 21:07	638.23	0
7533405	3/14/2024 10:29	3/14/2024 11:58	89	0
303811	3/14/2024 10:29	3/14/2024 11:58	89	0
385332	3/14/2024 10:29	3/14/2024 20:57	627.68	0
304785	3/14/2024 10:29	3/14/2024 11:58	89	0.05
1447297	3/14/2024 10:29	3/14/2024 11:42	73	0
1513398	3/14/2024 10:30	3/14/2024 11:49	79	0
952445	3/14/2024 10:30	3/15/2024 8:39	1329.23	0
304845	3/14/2024 10:31	3/14/2024 12:00	89	0
1416360	3/14/2024 10:33	3/14/2024 21:17	643.88	0
8717997	3/14/2024 10:34	3/15/2024 8:39	1325.42	0
859747	3/14/2024 10:34	3/14/2024 11:53	79	0
1267978	3/14/2024 10:35	3/14/2024 11:33	58	0
860281	3/14/2024 10:35	3/14/2024 11:54	79	0
1410177	3/14/2024 10:35	3/15/2024 8:40	1324.88	0
1414392	3/14/2024 10:35	3/15/2024 8:40	1324.88	0
1415828	3/14/2024 10:36	3/14/2024 21:14	637.88	0

878149	3/14/2024 10:36	3/15/2024 8:37	1321.42	0
9063373	3/14/2024 10:36	3/15/2024 8:40	1323.88	0
12682110	3/14/2024 10:36	3/14/2024 14:07	211.27	1.58
1307027	3/14/2024 10:37	3/15/2024 8:41	1323.88	0
800590	3/14/2024 10:38	3/15/2024 8:40	1322.42	0
645339	3/14/2024 10:38	3/14/2024 11:36	58	0
903630	3/14/2024 10:38	3/14/2024 11:21	43	0
10659831	3/14/2024 10:39	3/14/2024 14:08	209.27	0
801004	3/14/2024 10:39	3/15/2024 8:40	1321.42	0
1456419	3/14/2024 10:39	3/14/2024 11:42	63	0
612938	3/14/2024 10:40	3/14/2024 20:47	606.68	0.51
1321114	3/14/2024 10:40	3/14/2024 11:59	79	0
12376755	3/14/2024 10:40	3/15/2024 8:39	1318.88	0
800600	3/14/2024 10:41	3/15/2024 8:40	1319.42	0
23566	3/14/2024 10:41	3/14/2024 13:45	183.92	0
1320646	3/14/2024 10:42	3/14/2024 12:01	79	0
800588	3/14/2024 10:42	3/15/2024 8:37	1315.42	0
1320619	3/14/2024 10:43	3/14/2024 12:02	79	0
416557	3/14/2024 10:44	3/14/2024 12:14	90.42	0
174362	3/14/2024 10:44	3/15/2024 10:00	1395.13	0
1363754	3/14/2024 10:45	3/15/2024 8:39	1313.88	0
1514004	3/14/2024 10:46	3/14/2024 11:49	63	0
169731	3/14/2024 10:46	3/15/2024 10:00	1393.13	0
1361099	3/14/2024 10:46	3/15/2024 8:39	1312.88	0
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860934	3/14/2024 10:49	3/14/2024 11:51	62	0
196965	3/14/2024 10:49	3/14/2024 11:37	48	0
1459057	3/14/2024 10:49	3/15/2024 8:36	1306.82	0
989956	3/14/2024 10:49	3/14/2024 21:02	613.23	0
9313875	3/14/2024 10:49	3/14/2024 21:07	617.82	0.13
11176351	3/14/2024 10:50	3/14/2024 11:32	42	0
1361770	3/14/2024 10:51	3/14/2024 14:27	215.72	1
315380	3/14/2024 10:52	3/14/2024 11:24	32	0
197356	3/14/2024 10:52	3/14/2024 11:34	42	0
865320	3/14/2024 10:52	3/14/2024 11:55	63	0
574596	3/14/2024 10:53	3/15/2024 8:41	1307.68	0
1654064	3/14/2024 10:53	3/15/2024 8:39	1306.23	0.07
314564	3/14/2024 10:53	3/14/2024 11:24	31	0
313731	3/14/2024 10:53	3/14/2024 11:24	31	0
865262	3/14/2024 10:53	3/14/2024 11:54	61	0
646026	3/14/2024 10:53	3/14/2024 11:35	42	0
10371797	3/14/2024 10:54	3/14/2024 11:25	31	0
569142	3/14/2024 10:54	3/14/2024 11:25	31	0
549259	3/14/2024 10:55	3/14/2024 21:08	612.68	0
313954	3/14/2024 10:55	3/14/2024 11:27	32	0
315604	3/14/2024 10:55	3/14/2024 11:27	32	0
1511816	3/14/2024 10:56	3/14/2024 14:25	209.27	0

35442	3/14/2024 10:56	3/14/2024 11:41	45	0
188639	3/14/2024 10:56	3/14/2024 13:45	168.92	0.05
552210	3/14/2024 10:56	3/15/2024 8:37	1300.68	0
314163	3/14/2024 10:57	3/14/2024 11:23	26	0
34887	3/14/2024 10:58	3/14/2024 11:45	47	0
564518	3/14/2024 10:58	3/14/2024 11:39	41	0
34832	3/14/2024 10:59	3/14/2024 11:41	42	0
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55854	3/14/2024 11:00	3/15/2024 8:40	1299.93	0
183822	3/14/2024 11:00	3/15/2024 8:40	1299.93	0
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12378019	3/14/2024 11:00	3/14/2024 11:47	47	0
53030	3/14/2024 11:01	3/15/2024 8:37	1295.93	0
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311452	3/14/2024 11:01	3/14/2024 11:48	47	0
311724	3/14/2024 11:01	3/14/2024 11:48	47	0
190372	3/14/2024 11:02	3/15/2024 8:39	1296.93	0
312995	3/14/2024 11:02	3/14/2024 11:49	47	0
311322	3/14/2024 11:03	3/14/2024 11:46	43	0
55232	3/14/2024 11:03	3/15/2024 8:40	1296.93	0
54382	3/14/2024 11:03	3/15/2024 8:39	1295.93	0
298895	3/14/2024 11:03	3/14/2024 21:05	601.93	0
8950281	3/14/2024 11:04	3/15/2024 8:39	1294.93	0
56164	3/14/2024 11:04	3/15/2024 8:39	1294.93	0
51483	3/14/2024 11:04	3/15/2024 8:37	1292.93	0.21
321287	3/14/2024 11:04	3/15/2024 8:37	1292.93	1.73
54282	3/14/2024 11:04	3/15/2024 8:40	1295.93	0.4
219948	3/14/2024 11:04	3/14/2024 21:10	605.93	0
1417138	3/14/2024 11:04	3/14/2024 14:19	194.72	0
8434548	3/14/2024 11:04	3/14/2024 11:47	43	0.8
55096	3/14/2024 11:05	3/15/2024 8:40	1294.93	0
1556243	3/14/2024 11:05	3/14/2024 11:37	32	0
1664433	3/14/2024 11:07	3/14/2024 11:54	47	0
127206	3/14/2024 11:08	3/15/2024 10:00	1371.13	0
658177	3/14/2024 11:08	3/14/2024 14:12	184.22	0.06
916441	3/14/2024 11:08	3/15/2024 8:39	1291.42	0
656343	3/14/2024 11:09	3/14/2024 14:13	184.22	0.79
658658	3/14/2024 11:09	3/14/2024 14:14	185.22	0
324290	3/14/2024 11:10	3/14/2024 11:52	42	0
1510965	3/14/2024 11:12	3/14/2024 14:26	194.27	0
1375642	3/14/2024 11:12	3/15/2024 8:38	1285.88	0
354480	3/14/2024 11:13	3/14/2024 21:16	602.68	0
1493132	3/14/2024 11:14	3/14/2024 15:15	240.88	5.54
298410	3/14/2024 11:14	3/15/2024 8:40	1285.93	0
1412757	3/14/2024 11:17	3/14/2024 11:49	32	0
1513240	3/14/2024 11:17	3/14/2024 11:49	32	0.28
449377	3/14/2024 11:19	3/14/2024 11:49	30	0

1431804	3/14/2024 11:19	3/15/2024 8:39	1279.82	0
945898	3/14/2024 11:19	3/14/2024 11:35	16	0
861053	3/14/2024 11:19	3/14/2024 11:50	31	0
903630	3/14/2024 11:21	3/14/2024 15:05	224.42	0
915333	3/14/2024 11:22	3/14/2024 21:13	591.42	0.19
324045	3/14/2024 11:22	3/14/2024 11:54	32	0
1432827	3/14/2024 11:23	3/15/2024 8:36	1272.82	0.66
1602630	3/14/2024 11:23	3/14/2024 11:37	14	0.05
314163	3/14/2024 11:23	3/14/2024 11:39	16	0
574224	3/14/2024 11:24	3/15/2024 8:39	1274.68	0
1493766	3/14/2024 11:24	3/14/2024 21:13	588.88	0
314564	3/14/2024 11:24	3/14/2024 11:40	16	0.02
313731	3/14/2024 11:24	3/14/2024 11:40	16	0
315380	3/14/2024 11:24	3/14/2024 11:39	15	0
325050	3/14/2024 11:24	3/14/2024 11:50	26	0
1385431	3/14/2024 11:25	3/14/2024 21:14	588.88	0.62
569142	3/14/2024 11:25	3/15/2024 8:40	1274.68	0
10371797	3/14/2024 11:25	3/14/2024 11:41	16	0
2032900	3/14/2024 11:25	3/14/2024 14:13	167.72	0
1445317	3/14/2024 11:26	3/14/2024 11:41	15	0
5212517	3/14/2024 11:26	3/14/2024 11:58	32	0
1319739	3/14/2024 11:26	3/15/2024 10:00	1353.15	0
315604	3/14/2024 11:27	3/14/2024 11:38	11	0
313954	3/14/2024 11:27	3/14/2024 11:42	15	0
304345	3/14/2024 11:27	3/14/2024 11:58	31	0
303510	3/14/2024 11:29	3/14/2024 12:01	32	0
8621797	3/14/2024 11:29	3/14/2024 12:00	31	1.35
304209	3/14/2024 11:29	3/14/2024 12:01	32	0
1321750	3/14/2024 11:30	3/14/2024 11:56	26	0
303030	3/14/2024 11:31	3/15/2024 8:36	1264.93	1.64
11176351	3/14/2024 11:32	3/14/2024 15:02	209.82	0
427715	3/14/2024 11:32	3/14/2024 13:53	141.42	0
1624452	3/14/2024 11:33	3/14/2024 15:03	209.82	0
428411	3/14/2024 11:33	3/14/2024 13:55	142.42	1.25
449036	3/14/2024 11:33	3/14/2024 14:21	168.42	0.56
1267978	3/14/2024 11:33	3/14/2024 14:19	165.47	0
1604432	3/14/2024 11:34	3/15/2024 8:40	1265.82	1.69
197356	3/14/2024 11:34	3/14/2024 13:20	105.92	0
1539391	3/14/2024 11:34	3/14/2024 12:05	31	0
11081884	3/14/2024 11:35	3/14/2024 13:20	104.92	0
646026	3/14/2024 11:35	3/14/2024 11:51	16	0
945898	3/14/2024 11:35	3/14/2024 14:44	189.22	0
645339	3/14/2024 11:36	3/14/2024 11:52	16	0
1602630	3/14/2024 11:37	3/14/2024 15:07	209.82	1.21
1602693	3/14/2024 11:37	3/14/2024 15:07	209.82	0.25
1377303	3/14/2024 11:37	3/14/2024 14:41	183.72	0
1538577	3/14/2024 11:37	3/14/2024 12:08	31	0

1516579	3/14/2024 11:37	3/14/2024 11:53	16	0
196965	3/14/2024 11:37	3/14/2024 13:22	104.92	0
1556243	3/14/2024 11:37	3/14/2024 12:03	26	0
315604	3/14/2024 11:38	3/14/2024 14:41	182.92	0
1515733	3/14/2024 11:38	3/14/2024 11:54	16	0.24
314899	3/14/2024 11:38	3/14/2024 14:37	178.92	0
314163	3/14/2024 11:39	3/14/2024 14:43	183.92	0
315380	3/14/2024 11:39	3/14/2024 14:38	178.92	0
564518	3/14/2024 11:39	3/14/2024 14:38	179.42	0
8486022	3/14/2024 11:39	3/14/2024 11:54	15	0
1444947	3/14/2024 11:39	3/14/2024 11:55	16	0
1444636	3/14/2024 11:39	3/14/2024 11:55	16	0.05
313731	3/14/2024 11:40	3/14/2024 14:44	183.92	0.16
1399519	3/14/2024 11:40	3/15/2024 8:39	1258.88	0
1447211	3/14/2024 11:40	3/14/2024 11:56	16	0
6280623	3/14/2024 11:40	3/14/2024 14:38	177.92	0
314564	3/14/2024 11:40	3/14/2024 14:40	179.92	1.39
316997	3/14/2024 11:40	3/14/2024 14:39	178.92	0
34832	3/14/2024 11:41	3/14/2024 13:42	120.92	0
27483	3/14/2024 11:41	3/14/2024 13:47	125.92	0
1554218	3/14/2024 11:41	3/14/2024 12:06	25	0
189581	3/14/2024 11:41	3/14/2024 13:43	121.92	0
1453263	3/14/2024 11:41	3/14/2024 14:39	178.27	0
35442	3/14/2024 11:41	3/14/2024 13:42	120.92	0
26864	3/14/2024 11:41	3/14/2024 13:42	120.92	0
317084	3/14/2024 11:41	3/14/2024 14:40	178.92	0
10371797	3/14/2024 11:41	3/14/2024 14:40	178.92	0
1445317	3/14/2024 11:41	3/14/2024 11:56	15	0
1393699	3/14/2024 11:41	3/14/2024 14:30	168.72	0
8148103	3/14/2024 11:41	3/14/2024 14:40	178.92	0.02
28509	3/14/2024 11:42	3/14/2024 13:59	136.92	0
1456419	3/14/2024 11:42	3/14/2024 14:42	180.27	0
523489	3/14/2024 11:42	3/14/2024 15:26	223.93	0.43
1447297	3/14/2024 11:42	3/14/2024 11:58	16	0
1494722	3/14/2024 11:42	3/14/2024 14:30	167.72	0.88
1446401	3/14/2024 11:42	3/14/2024 11:57	15	0
553863	3/14/2024 11:42	3/14/2024 11:53	11	0
10714479	3/14/2024 11:42	3/14/2024 12:03	21	0.06
313954	3/14/2024 11:42	3/14/2024 14:40	177.92	0
23462	3/14/2024 11:42	3/14/2024 13:44	121.92	0
8104722	3/14/2024 11:42	3/14/2024 14:41	178.92	0
1393633	3/14/2024 11:43	3/14/2024 14:27	163.72	2.02
30471	3/14/2024 11:43	3/14/2024 14:01	137.92	0
1567514	3/14/2024 11:44	3/14/2024 14:32	168.27	0
29848	3/14/2024 11:44	3/14/2024 13:45	120.92	0.4
8495802	3/14/2024 11:45	3/14/2024 14:59	194.27	1.1
1565203	3/14/2024 11:45	3/14/2024 14:33	168.27	0

34887	3/14/2024 11:45	3/14/2024 13:45	119.92	0
328911	3/14/2024 11:46	3/15/2024 8:38	1251.93	0
34905	3/14/2024 11:46	3/14/2024 13:46	119.92	0
311322	3/14/2024 11:46	3/14/2024 13:35	108.92	0
740241	3/14/2024 11:46	3/14/2024 11:52	6	0
8434548	3/14/2024 11:47	3/14/2024 13:01	73.92	0.34
12378019	3/14/2024 11:47	3/14/2024 13:02	74.92	0
315730	3/14/2024 11:47	3/14/2024 13:07	79.92	0
311724	3/14/2024 11:48	3/14/2024 13:34	105.92	0.04
1041597	3/14/2024 11:48	3/14/2024 13:03	74.47	0
314350	3/14/2024 11:48	3/14/2024 13:33	104.92	0
328113	3/14/2024 11:48	3/14/2024 11:59	11	0.13
311452	3/14/2024 11:48	3/14/2024 13:34	105.92	0
9138607	3/14/2024 11:48	3/14/2024 12:04	16	0
449377	3/14/2024 11:49	3/14/2024 12:26	37.42	0
1514004	3/14/2024 11:49	3/14/2024 13:02	73.27	0
487441	3/14/2024 11:49	3/14/2024 12:05	16	0.01
1412757	3/14/2024 11:49	3/14/2024 21:13	563.88	0
1513240	3/14/2024 11:49	3/14/2024 13:02	73.27	0.16
1513398	3/14/2024 11:49	3/14/2024 13:02	73.27	0
312995	3/14/2024 11:49	3/14/2024 13:35	105.92	0
484691	3/14/2024 11:49	3/15/2024 10:00	1330.48	0
485536	3/14/2024 11:49	3/14/2024 12:04	15	0
314188	3/14/2024 11:49	3/14/2024 13:04	74.92	0
486693	3/14/2024 11:49	3/14/2024 12:05	16	0
861053	3/14/2024 11:50	3/14/2024 21:07	557.42	0
325050	3/14/2024 11:50	3/14/2024 13:21	90.92	0
487460	3/14/2024 11:51	3/14/2024 12:07	16	0.05
860934	3/14/2024 11:51	3/14/2024 14:40	169.22	0
646026	3/14/2024 11:51	3/14/2024 12:07	16	0
740241	3/14/2024 11:52	3/14/2024 12:24	32.22	0
486985	3/14/2024 11:52	3/15/2024 8:36	1243.68	0
486880	3/14/2024 11:52	3/15/2024 10:00	1327.48	0
645339	3/14/2024 11:52	3/14/2024 12:54	62.42	0
487418	3/14/2024 11:52	3/14/2024 12:03	11	0
324290	3/14/2024 11:52	3/14/2024 13:37	104.92	0
1516579	3/14/2024 11:53	3/14/2024 12:24	31.27	0
553863	3/14/2024 11:53	3/15/2024 8:39	1245.68	0
859747	3/14/2024 11:53	3/14/2024 14:19	146.22	0
8486022	3/14/2024 11:54	3/14/2024 12:10	16	0
865262	3/14/2024 11:54	3/14/2024 14:38	164.22	0.25
1515733	3/14/2024 11:54	3/14/2024 12:25	31.27	0.13
1664433	3/14/2024 11:54	3/15/2024 8:41	1247.42	0
324045	3/14/2024 11:54	3/14/2024 13:24	89.92	0
860281	3/14/2024 11:54	3/14/2024 14:21	147.22	0
660265	3/14/2024 11:55	3/15/2024 8:39	1244.42	0
1321605	3/14/2024 11:55	3/14/2024 14:12	136.72	0.25

865320	3/14/2024 11:55	3/14/2024 14:37	162.22	0
1444636	3/14/2024 11:55	3/14/2024 12:11	16	0.02
1444947	3/14/2024 11:55	3/14/2024 12:11	16	0
1445317	3/14/2024 11:56	3/14/2024 12:11	15	0
1321750	3/14/2024 11:56	3/14/2024 14:34	157.72	0
1465391	3/14/2024 11:56	3/14/2024 14:28	152.27	0
1447211	3/14/2024 11:56	3/14/2024 12:12	16	0
1446401	3/14/2024 11:57	3/14/2024 12:12	15	0
5212517	3/14/2024 11:58	3/14/2024 13:43	104.92	0
304785	3/14/2024 11:58	3/14/2024 13:44	105.92	0.26
1447297	3/14/2024 11:58	3/14/2024 12:14	16	0
7533405	3/14/2024 11:58	3/14/2024 13:43	104.92	0
304345	3/14/2024 11:58	3/14/2024 13:44	105.92	0
303811	3/14/2024 11:58	3/14/2024 13:43	104.92	0
1321114	3/14/2024 11:59	3/14/2024 14:12	132.72	0
304295	3/14/2024 11:59	3/14/2024 13:44	104.92	0
328113	3/14/2024 11:59	3/14/2024 13:03	63.92	0.07
1701172	3/14/2024 12:00	3/14/2024 14:12	131.72	0
8621797	3/14/2024 12:00	3/14/2024 15:25	204.93	0.72
328570	3/14/2024 12:00	3/14/2024 14:33	152.92	0.08
304845	3/14/2024 12:00	3/14/2024 13:46	105.92	0
1320008	3/14/2024 12:00	3/14/2024 14:12	131.72	0
1320646	3/14/2024 12:01	3/14/2024 14:12	130.72	0
303510	3/14/2024 12:01	3/14/2024 15:15	193.93	0
304209	3/14/2024 12:01	3/14/2024 15:15	193.93	0
1320619	3/14/2024 12:02	3/14/2024 14:14	131.72	0
10714479	3/14/2024 12:03	3/14/2024 12:13	10	0
487418	3/14/2024 12:03	3/15/2024 10:00	1316.48	0
1556243	3/14/2024 12:03	3/14/2024 13:06	63.27	0
485536	3/14/2024 12:04	3/15/2024 10:00	1315.48	0
9138607	3/14/2024 12:04	3/15/2024 10:00	1315.48	0
487441	3/14/2024 12:05	3/14/2024 21:00	534.68	0.01
1539391	3/14/2024 12:05	3/14/2024 13:50	105.27	0
486693	3/14/2024 12:05	3/15/2024 10:00	1314.48	0
1554218	3/14/2024 12:06	3/14/2024 13:04	58.27	0
487460	3/14/2024 12:07	3/15/2024 10:00	1312.48	0.1
646026	3/14/2024 12:07	3/14/2024 14:07	120.42	0
1538577	3/14/2024 12:08	3/14/2024 13:53	105.27	0
8486022	3/14/2024 12:10	3/15/2024 10:00	1309.57	0
1444947	3/14/2024 12:11	3/15/2024 10:00	1308.57	0
1445317	3/14/2024 12:11	3/15/2024 10:00	1308.57	0
1444636	3/14/2024 12:11	3/15/2024 10:00	1308.57	0.08
1190246	3/14/2024 12:12	3/14/2024 16:14	242.17	0
1446401	3/14/2024 12:12	3/15/2024 10:00	1307.57	0
1447211	3/14/2024 12:12	3/15/2024 10:00	1307.57	0
10714479	3/14/2024 12:13	3/15/2024 10:00	1306.57	0.03
416557	3/14/2024 12:14	3/14/2024 14:45	151	0

1447297	3/14/2024 12:14	3/15/2024 10:00	1305.57	0
726904	3/14/2024 12:18	3/15/2024 10:00	1301.62	0
1093722	3/14/2024 12:22	3/14/2024 14:08	106	0
740241	3/14/2024 12:24	3/14/2024 13:53	89	0
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1515733	3/14/2024 12:25	3/14/2024 14:10	105	0.11
449377	3/14/2024 12:26	3/14/2024 13:13	47	0
1093833	3/14/2024 12:44	3/15/2024 10:00	1275.07	0
636274	3/14/2024 12:52	3/14/2024 14:00	68	0
645339	3/14/2024 12:54	3/14/2024 14:08	74	0
8434548	3/14/2024 13:01	3/14/2024 13:32	31	0.22
1513398	3/14/2024 13:02	3/14/2024 14:47	105	0
1514004	3/14/2024 13:02	3/14/2024 14:47	105	0
1513240	3/14/2024 13:02	3/14/2024 14:47	105	0
12378019	3/14/2024 13:02	3/14/2024 13:33	31	0
1041597	3/14/2024 13:03	3/14/2024 14:47	104	0
328113	3/14/2024 13:03	3/14/2024 15:19	136.02	0
314188	3/14/2024 13:04	3/14/2024 13:35	31	0
1554218	3/14/2024 13:04	3/14/2024 14:49	105	0
711121	3/14/2024 13:05	3/15/2024 10:00	1254.62	0
1265778	3/14/2024 13:06	3/15/2024 8:41	1175.17	0
1556243	3/14/2024 13:06	3/14/2024 14:51	105	0
315730	3/14/2024 13:07	3/14/2024 13:33	26	0.23
449377	3/14/2024 13:13	3/14/2024 14:00	47	0
197356	3/14/2024 13:20	3/14/2024 14:38	78	0
11081884	3/14/2024 13:20	3/14/2024 14:20	60	0
325050	3/14/2024 13:21	3/14/2024 14:42	81	0
196965	3/14/2024 13:22	3/14/2024 14:35	73	0
198082	3/14/2024 13:23	3/14/2024 14:05	42	0
324045	3/14/2024 13:24	3/14/2024 14:54	90	0
8434548	3/14/2024 13:32	3/15/2024 8:41	1149.02	0.09
12378019	3/14/2024 13:33	3/14/2024 21:11	458.02	0
315730	3/14/2024 13:33	3/14/2024 14:20	47	0
314350	3/14/2024 13:33	3/15/2024 8:39	1146.02	0
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311724	3/14/2024 13:34	3/15/2024 8:39	1145.02	0
311322	3/14/2024 13:35	3/14/2024 21:11	456.02	0
312995	3/14/2024 13:35	3/15/2024 8:39	1144.02	0
314188	3/14/2024 13:35	3/14/2024 14:17	42	0
324290	3/14/2024 13:37	3/14/2024 16:09	152.02	0
8511623	3/14/2024 13:38	3/15/2024 10:00	1221.22	0
35442	3/14/2024 13:42	3/14/2024 14:17	35	0
26864	3/14/2024 13:42	3/14/2024 14:14	32	0
34832	3/14/2024 13:42	3/14/2024 14:14	32	0
7533405	3/14/2024 13:43	3/14/2024 14:30	47	0
189581	3/14/2024 13:43	3/14/2024 14:14	31	0
29807	3/14/2024 13:43	3/14/2024 16:18	155.02	0

28110	3/14/2024 13:43	3/14/2024 14:14	31	0
303811	3/14/2024 13:43	3/14/2024 14:30	47	0
30380	3/14/2024 13:43	3/14/2024 14:14	31	0
30176	3/14/2024 13:43	3/14/2024 14:15	32	0
5212517	3/14/2024 13:43	3/14/2024 14:30	47	0
25674	3/14/2024 13:43	3/14/2024 14:15	32	0
24124	3/14/2024 13:44	3/14/2024 15:13	89.02	0
23462	3/14/2024 13:44	3/14/2024 14:15	31	0
304345	3/14/2024 13:44	3/14/2024 14:40	56	0
304295	3/14/2024 13:44	3/14/2024 14:48	64	0
27475	3/14/2024 13:44	3/14/2024 14:16	32	0
304785	3/14/2024 13:44	3/14/2024 14:31	47	0.08
29635	3/14/2024 13:44	3/14/2024 14:15	31	0
188639	3/14/2024 13:45	3/14/2024 14:16	31	0
34887	3/14/2024 13:45	3/14/2024 14:17	32	0
29848	3/14/2024 13:45	3/14/2024 14:17	32	0.05
23566	3/14/2024 13:45	3/14/2024 14:16	31	0
34905	3/14/2024 13:46	3/14/2024 14:44	58	0
30370	3/14/2024 13:46	3/14/2024 14:17	31	0
304845	3/14/2024 13:46	3/14/2024 14:42	56	0
24369	3/14/2024 13:47	3/14/2024 21:16	449.02	0
29842	3/14/2024 13:47	3/14/2024 16:03	136.02	0
27483	3/14/2024 13:47	3/14/2024 14:18	31	0
1539391	3/14/2024 13:50	3/14/2024 14:48	58	0
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1538577	3/14/2024 13:53	3/14/2024 14:51	58	0
740241	3/14/2024 13:53	3/14/2024 14:09	16	0
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28509	3/14/2024 13:59	3/14/2024 14:15	16	0
27443	3/14/2024 13:59	3/14/2024 14:15	16	0
449377	3/14/2024 14:00	3/14/2024 14:47	47	0
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198082	3/14/2024 14:05	3/15/2024 8:38	1113.02	0
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12682110	3/14/2024 14:07	3/14/2024 14:22	15	0
10659831	3/14/2024 14:08	3/14/2024 14:24	16	0
1093722	3/14/2024 14:08	3/14/2024 14:24	16	0
645339	3/14/2024 14:08	3/14/2024 14:24	16	0
740241	3/14/2024 14:09	3/14/2024 14:35	26	0
1516579	3/14/2024 14:09	3/14/2024 14:25	16	0
664453	3/14/2024 14:09	3/14/2024 14:25	16	0
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663982	3/14/2024 14:12	3/14/2024 14:17	5	0
1321114	3/14/2024 14:12	3/14/2024 14:27	15	0
1321605	3/14/2024 14:12	3/14/2024 14:27	15	0
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34613	3/14/2024 14:14	3/15/2024 10:00	1185.22	0
28110	3/14/2024 14:14	3/15/2024 8:36	1102.02	0
1320619	3/14/2024 14:14	3/14/2024 14:31	17	0
30380	3/14/2024 14:14	3/14/2024 14:45	31	0
189581	3/14/2024 14:14	3/14/2024 14:30	16	0
34832	3/14/2024 14:14	3/14/2024 14:37	23	0
658658	3/14/2024 14:14	3/14/2024 21:11	417.2	0
26864	3/14/2024 14:14	3/14/2024 14:29	15	0
29635	3/14/2024 14:15	3/14/2024 14:47	32	0
23462	3/14/2024 14:15	3/14/2024 14:31	16	0
27443	3/14/2024 14:15	3/14/2024 14:46	31	0
29748	3/14/2024 14:15	3/14/2024 16:00	105.02	0
28509	3/14/2024 14:15	3/14/2024 16:00	105.02	0
25674	3/14/2024 14:15	3/14/2024 14:46	31	0
30176	3/14/2024 14:15	3/14/2024 21:14	419.02	0
30471	3/14/2024 14:16	3/14/2024 21:14	418.02	0
23566	3/14/2024 14:16	3/14/2024 14:32	16	0
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35442	3/14/2024 14:17	3/14/2024 14:32	15	0
663982	3/14/2024 14:17	3/14/2024 14:27	10	0
34887	3/14/2024 14:17	3/14/2024 14:27	10	0
29848	3/14/2024 14:17	3/14/2024 14:32	15	0.07
30370	3/14/2024 14:17	3/14/2024 14:49	32	0
27483	3/14/2024 14:18	3/14/2024 14:29	11	0
1267978	3/14/2024 14:19	3/14/2024 14:51	32	0
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449036	3/14/2024 14:21	3/14/2024 14:47	26	0
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12682110	3/14/2024 14:22	3/14/2024 14:38	16	0
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1362855	3/14/2024 14:24	3/14/2024 14:40	16	0
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1511816	3/14/2024 14:25	3/14/2024 15:07	41.55	0
1511532	3/14/2024 14:25	3/14/2024 15:08	42.55	0
664453	3/14/2024 14:25	3/14/2024 14:41	16	0
1516579	3/14/2024 14:25	3/14/2024 14:41	16	0
1511264	3/14/2024 14:26	3/14/2024 15:08	41.55	0
636274	3/14/2024 14:26	3/14/2024 14:37	11	0
1508563	3/14/2024 14:26	3/14/2024 15:08	41.55	0
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1466357	3/14/2024 14:26	3/14/2024 14:41	15	0
663982	3/14/2024 14:27	3/14/2024 14:33	6	0
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1362646	3/14/2024 14:27	3/14/2024 14:38	11	0
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34887	3/14/2024 14:27	3/14/2024 14:43	16	0
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1321605	3/14/2024 14:27	3/14/2024 14:59	32	0
1321114	3/14/2024 14:27	3/14/2024 14:42	15	0
1393633	3/14/2024 14:27	3/14/2024 14:43	16	0.32
1268231	3/14/2024 14:28	3/14/2024 15:08	40.77	0
313011	3/14/2024 14:28	3/14/2024 14:39	11	0
1320008	3/14/2024 14:28	3/14/2024 14:59	31	0
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1465391	3/14/2024 14:28	3/14/2024 14:43	15	0
975066	3/14/2024 14:29	3/14/2024 14:45	16	0
26864	3/14/2024 14:29	3/14/2024 14:45	16	0
2032900	3/14/2024 14:29	3/14/2024 15:01	32	0
27483	3/14/2024 14:29	3/14/2024 14:45	16	0
1418462	3/14/2024 14:30	3/15/2024 8:37	1087.17	0.08
1393699	3/14/2024 14:30	3/14/2024 14:46	16	0
975032	3/14/2024 14:30	3/14/2024 14:45	15	0

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1494722	3/14/2024 14:30	3/14/2024 14:46	16	0
5212517	3/14/2024 14:30	3/14/2024 14:46	16	0
7533405	3/14/2024 14:30	3/14/2024 14:46	16	0
303811	3/14/2024 14:30	3/14/2024 14:46	16	0
189581	3/14/2024 14:30	3/14/2024 14:46	16	0
23462	3/14/2024 14:31	3/14/2024 14:47	16	0
1320619	3/14/2024 14:31	3/14/2024 14:46	15	0
315169	3/14/2024 14:31	3/14/2024 14:47	16	0
304785	3/14/2024 14:31	3/14/2024 14:47	16	0.07
1567514	3/14/2024 14:32	3/14/2024 14:48	16	0
23566	3/14/2024 14:32	3/14/2024 14:47	15	0
1511251	3/14/2024 14:32	3/14/2024 15:08	35.55	0
35442	3/14/2024 14:32	3/14/2024 14:47	15	0
29848	3/14/2024 14:32	3/14/2024 14:48	16	0.09
1565203	3/14/2024 14:33	3/14/2024 14:43	10	0
1567316	3/14/2024 14:33	3/15/2024 10:00	1166.3	0
663982	3/14/2024 14:33	3/14/2024 14:43	10	0
314188	3/14/2024 14:33	3/14/2024 14:48	15	0
328570	3/14/2024 14:33	3/15/2024 8:39	1086.02	0.52
1321750	3/14/2024 14:34	3/14/2024 14:45	11	0
859747	3/14/2024 14:35	3/15/2024 8:39	1084.2	0
196965	3/14/2024 14:35	3/15/2024 8:37	1082.02	0.2
1417279	3/14/2024 14:35	3/15/2024 8:36	1081.17	0
11081884	3/14/2024 14:35	3/15/2024 8:37	1082.02	0
740241	3/14/2024 14:35	3/14/2024 21:08	393.2	0
315730	3/14/2024 14:36	3/14/2024 14:51	15	0
860281	3/14/2024 14:36	3/14/2024 21:08	392.2	0
865320	3/14/2024 14:37	3/15/2024 8:39	1082.2	0
314899	3/14/2024 14:37	3/15/2024 8:39	1082.02	0
636274	3/14/2024 14:37	3/14/2024 14:42	5	0
1020274	3/14/2024 14:37	3/15/2024 8:36	1079.77	0
34832	3/14/2024 14:37	3/14/2024 14:47	10	0
709832	3/14/2024 14:37	3/15/2024 8:38	1081.2	0
564518	3/14/2024 14:38	3/14/2024 17:47	188.27	0
6280623	3/14/2024 14:38	3/14/2024 21:11	393.02	0.03
865262	3/14/2024 14:38	3/15/2024 8:40	1082.2	0
1362646	3/14/2024 14:38	3/14/2024 14:43	5	0
197356	3/14/2024 14:38	3/15/2024 8:38	1080.02	0
1588365	3/14/2024 14:38	3/14/2024 14:43	5	0
315380	3/14/2024 14:38	3/15/2024 8:36	1078.02	0
12682110	3/14/2024 14:38	3/15/2024 8:37	1078.55	0
645339	3/14/2024 14:39	3/15/2024 8:38	1078.27	0
1588354	3/14/2024 14:39	3/15/2024 8:40	1080.55	0
646026	3/14/2024 14:39	3/14/2024 22:20	460.27	0
315616	3/14/2024 14:39	3/15/2024 8:36	1077.02	0
1363656	3/14/2024 14:39	3/15/2024 8:37	1078.17	0

1362130	3/14/2024 14:39	3/15/2024 8:38	1079.17	0
1363588	3/14/2024 14:39	3/15/2024 8:40	1081.17	0
1361528	3/14/2024 14:39	3/15/2024 8:38	1079.17	0
313011	3/14/2024 14:39	3/15/2024 8:36	1077.02	0
1361623	3/14/2024 14:39	3/15/2024 8:40	1081.17	0
8524544	3/14/2024 14:39	3/15/2024 8:38	1079.02	0
1093722	3/14/2024 14:39	3/15/2024 8:38	1078.27	0
316630	3/14/2024 14:39	3/15/2024 8:38	1079.02	0
1453263	3/14/2024 14:39	3/14/2024 21:13	393.55	0
316997	3/14/2024 14:39	3/14/2024 21:15	396.02	0
860934	3/14/2024 14:40	3/15/2024 8:40	1080.2	0
10659831	3/14/2024 14:40	3/15/2024 8:37	1076.55	0
317084	3/14/2024 14:40	3/15/2024 8:38	1078.02	0
1362855	3/14/2024 14:40	3/14/2024 21:07	387.17	0
1332906	3/14/2024 14:40	3/14/2024 21:04	384.17	0.04
314564	3/14/2024 14:40	3/15/2024 8:41	1081.02	0.11
304345	3/14/2024 14:40	3/14/2024 14:46	6	0
1092960	3/14/2024 14:40	3/15/2024 8:36	1075.27	0
313954	3/14/2024 14:40	3/15/2024 8:40	1080.02	0
1446785	3/14/2024 14:40	3/15/2024 8:39	1078.55	0.23
1587793	3/14/2024 14:40	3/14/2024 14:45	5	0
8148103	3/14/2024 14:40	3/14/2024 21:17	397.02	0.43
10371797	3/14/2024 14:40	3/15/2024 8:39	1079.02	0
664453	3/14/2024 14:41	3/14/2024 21:07	386.2	0
1355611	3/14/2024 14:41	3/15/2024 8:39	1078.17	0
315604	3/14/2024 14:41	3/15/2024 8:37	1076.02	0
1515733	3/14/2024 14:41	3/15/2024 8:40	1078.55	0
317126	3/14/2024 14:41	3/15/2024 8:39	1078.02	0
8104722	3/14/2024 14:41	3/15/2024 8:37	1076.02	0
1377303	3/14/2024 14:41	3/15/2024 8:40	1079.17	0
975191	3/14/2024 14:41	3/14/2024 21:08	387.77	0
1466357	3/14/2024 14:41	3/14/2024 21:10	388.55	0
1516579	3/14/2024 14:41	3/15/2024 8:37	1075.55	0
188639	3/14/2024 14:42	3/14/2024 21:12	390.02	0
636274	3/14/2024 14:42	3/14/2024 15:09	26.27	0
1321114	3/14/2024 14:42	3/14/2024 21:05	383.17	0
325050	3/14/2024 14:42	3/14/2024 14:52	10	0
675499	3/14/2024 14:42	3/14/2024 21:00	378.2	0
1456419	3/14/2024 14:42	3/14/2024 21:11	388.55	0
304845	3/14/2024 14:42	3/15/2024 8:39	1077.02	0
1363415	3/14/2024 14:42	3/14/2024 21:06	384.17	0.05
312766	3/14/2024 14:42	3/15/2024 8:39	1077.02	0
315484	3/14/2024 14:43	3/15/2024 8:39	1076.02	0
313269	3/14/2024 14:43	3/15/2024 8:39	1076.02	0
1393633	3/14/2024 14:43	3/14/2024 21:13	390.17	0.24
1588365	3/14/2024 14:43	3/14/2024 14:54	11	0
34887	3/14/2024 14:43	3/14/2024 21:14	391.02	0

1565203	3/14/2024 14:43	3/15/2024 8:38	1074.55	0
1701172	3/14/2024 14:43	3/15/2024 8:41	1078.17	0
314163	3/14/2024 14:43	3/15/2024 8:39	1076.02	0
1362646	3/14/2024 14:43	3/14/2024 14:54	11	0
1498622	3/14/2024 14:43	3/15/2024 8:36	1073.17	0
1361770	3/14/2024 14:43	3/14/2024 21:02	379.17	0
1465391	3/14/2024 14:43	3/15/2024 8:41	1077.55	0
663982	3/14/2024 14:43	3/14/2024 14:48	5	0
34905	3/14/2024 14:44	3/14/2024 21:16	392.02	0
313731	3/14/2024 14:44	3/15/2024 8:37	1073.02	0
1320646	3/14/2024 14:44	3/15/2024 8:39	1075.17	0.19
945898	3/14/2024 14:44	3/14/2024 21:01	377.2	0
30380	3/14/2024 14:45	3/14/2024 21:14	389.02	0
1498610	3/14/2024 14:45	3/15/2024 8:38	1073.17	0
27483	3/14/2024 14:45	3/15/2024 8:40	1075.02	0
975032	3/14/2024 14:45	3/15/2024 8:40	1075.77	0
1587793	3/14/2024 14:45	3/14/2024 14:55	10	0
1321750	3/14/2024 14:45	3/14/2024 21:09	384.17	0
26864	3/14/2024 14:45	3/15/2024 8:36	1071.02	0
416557	3/14/2024 14:45	3/15/2024 8:37	1071.27	0
1321663	3/14/2024 14:45	3/14/2024 21:05	380.17	0.01
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1494722	3/14/2024 14:46	3/15/2024 8:39	1073.17	0
5212517	3/14/2024 14:46	3/14/2024 21:15	389.02	0
189581	3/14/2024 14:46	3/14/2024 21:22	396.02	0
1393699	3/14/2024 14:46	3/15/2024 8:37	1071.17	0
27443	3/14/2024 14:46	3/14/2024 21:23	397.02	0.17
25674	3/14/2024 14:46	3/15/2024 8:37	1071.02	0
303811	3/14/2024 14:46	3/15/2024 8:37	1071.02	0
7533405	3/14/2024 14:46	3/14/2024 15:49	63.02	0
1320619	3/14/2024 14:46	3/14/2024 21:02	376.17	0
315169	3/14/2024 14:47	3/15/2024 8:39	1072.02	0
449036	3/14/2024 14:47	3/15/2024 8:39	1071.27	0
1513398	3/14/2024 14:47	3/15/2024 8:39	1071.55	0
34832	3/14/2024 14:47	3/15/2024 8:40	1073.02	0
304785	3/14/2024 14:47	3/15/2024 8:40	1073.02	0.01
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23566	3/14/2024 14:47	3/14/2024 15:29	42.02	0
35442	3/14/2024 14:47	3/15/2024 8:39	1072.02	0
1513240	3/14/2024 14:47	3/15/2024 8:40	1072.55	0
449377	3/14/2024 14:47	3/14/2024 15:03	16	0
7091921	3/14/2024 14:47	3/15/2024 8:43	1076.02	0.07
23462	3/14/2024 14:47	3/15/2024 8:39	1072.02	0
27475	3/14/2024 14:47	3/14/2024 21:18	391.02	0
1564506	3/14/2024 14:47	3/15/2024 8:39	1071.55	0
1514004	3/14/2024 14:47	3/15/2024 8:41	1073.55	0

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29848	3/14/2024 14:48	3/14/2024 21:11	383.02	0.41
314188	3/14/2024 14:48	3/15/2024 8:39	1071.02	0
1567514	3/14/2024 14:48	3/15/2024 8:39	1070.55	0
663982	3/14/2024 14:48	3/14/2024 14:54	6	0
1539391	3/14/2024 14:48	3/14/2024 21:17	388.55	0
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325050	3/14/2024 14:52	3/14/2024 21:08	376.02	0
8150753	3/14/2024 14:53	3/14/2024 21:02	369.77	0
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663982	3/14/2024 14:54	3/14/2024 14:59	5	0
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1587793	3/14/2024 14:55	3/14/2024 15:02	6.55	0
381338	3/14/2024 14:57	3/15/2024 8:41	1063.27	0
957216	3/14/2024 14:58	3/15/2024 10:00	1141.8	0
955448	3/14/2024 14:59	3/15/2024 10:00	1140.8	0
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1588365	3/14/2024 14:59	3/15/2024 10:00	1140.3	0
1321605	3/14/2024 14:59	3/15/2024 8:39	1060.17	0
663982	3/14/2024 14:59	3/14/2024 15:09	10.2	0
1320008	3/14/2024 14:59	3/15/2024 8:39	1060.17	0
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1587793	3/14/2024 15:02	3/15/2024 10:00	1137.75	0
981933	3/14/2024 15:02	3/14/2024 21:07	365.77	0
1624452	3/14/2024 15:03	3/15/2024 8:41	1058	0
449377	3/14/2024 15:03	3/14/2024 16:02	58.27	0
916151	3/14/2024 15:04	3/15/2024 10:00	1135.62	0
756553	3/14/2024 15:04	3/15/2024 10:00	1135.07	0
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916360	3/14/2024 15:05	3/15/2024 8:40	1055	0
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1511816	3/14/2024 15:07	3/15/2024 8:39	1052	0
1487930	3/14/2024 15:07	3/15/2024 8:39	1052	0

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1602630	3/14/2024 15:07	3/14/2024 21:19	372	0.15
916118	3/14/2024 15:07	3/15/2024 8:38	1051	0
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1511264	3/14/2024 15:08	3/15/2024 8:38	1050	0.17
1508563	3/14/2024 15:08	3/15/2024 8:38	1050	0
793638	3/14/2024 15:08	3/14/2024 21:08	360	0
1511532	3/14/2024 15:08	3/15/2024 8:38	1050	0
663982	3/14/2024 15:09	3/14/2024 15:15	6	0
636274	3/14/2024 15:09	3/14/2024 15:15	6	0
1362646	3/14/2024 15:09	3/14/2024 15:15	6.17	0
1193174	3/14/2024 15:12	3/14/2024 21:12	360.17	0
24124	3/14/2024 15:13	3/15/2024 8:37	1044	0
1591422	3/14/2024 15:14	3/15/2024 8:38	1044	0
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636274	3/14/2024 15:15	3/14/2024 15:41	26	0
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1638359	3/14/2024 15:23	3/15/2024 8:36	1033	0
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1362646	3/14/2024 15:25	3/14/2024 15:30	5	0
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523489	3/14/2024 15:26	3/15/2024 8:37	1031	0
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1362646	3/14/2024 15:30	3/14/2024 15:41	11	0
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663982	3/14/2024 15:41	3/14/2024 15:46	5	0
636274	3/14/2024 15:41	3/14/2024 15:46	5	0
1362646	3/14/2024 15:41	3/14/2024 15:46	5	0
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23566	3/14/2024 15:45	3/14/2024 16:00	15	0
663982	3/14/2024 15:46	3/14/2024 15:57	11	0
636274	3/14/2024 15:46	3/14/2024 15:57	11	0
1362646	3/14/2024 15:46	3/14/2024 15:57	11	0
7533405	3/14/2024 15:49	3/14/2024 16:00	11	0
1516739	3/14/2024 15:53	3/15/2024 8:40	1007	0
663982	3/14/2024 15:57	3/14/2024 16:02	5	0
1362646	3/14/2024 15:57	3/14/2024 16:02	5	0
636274	3/14/2024 15:57	3/14/2024 16:02	5	0
7533405	3/14/2024 16:00	3/14/2024 17:34	94	0
23566	3/14/2024 16:00	3/15/2024 8:39	999	0

29748	3/14/2024 16:00	3/14/2024 21:14	314	0
28509	3/14/2024 16:00	3/15/2024 8:40	1000	0
663982	3/14/2024 16:02	3/14/2024 16:12	10	0
1362646	3/14/2024 16:02	3/14/2024 16:07	5	0
449377	3/14/2024 16:02	3/14/2024 16:18	16	0
636274	3/14/2024 16:02	3/14/2024 16:28	26	0
29842	3/14/2024 16:03	3/14/2024 21:20	317	0
1463218	3/14/2024 16:07	3/15/2024 8:39	992	0
1362646	3/14/2024 16:07	3/14/2024 16:12	5	0
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324290	3/14/2024 16:09	3/15/2024 8:36	987	0
663982	3/14/2024 16:12	3/14/2024 16:18	6	0
1362646	3/14/2024 16:12	3/14/2024 16:23	11	0
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1599504	3/14/2024 16:14	3/14/2024 21:19	305	0
1190246	3/14/2024 16:14	3/15/2024 8:39	985	0
1597834	3/14/2024 16:17	3/15/2024 8:39	982	0
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29807	3/14/2024 16:18	3/15/2024 8:39	981	0
663982	3/14/2024 16:18	3/14/2024 16:28	10	0
1362646	3/14/2024 16:23	3/14/2024 16:28	5	0
1450250	3/14/2024 16:24	3/15/2024 8:39	975	0
8206792	3/14/2024 16:27	3/14/2024 21:08	281	0
663982	3/14/2024 16:28	3/14/2024 16:33	5	0
1362646	3/14/2024 16:28	3/14/2024 16:55	27	0
636274	3/14/2024 16:28	3/15/2024 10:00	1051.8	0
663982	3/14/2024 16:33	3/14/2024 16:55	22	0
1503634	3/14/2024 16:33	3/14/2024 21:08	275	0
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1556486	3/14/2024 16:38	3/15/2024 8:41	963	0
449377	3/14/2024 16:49	3/14/2024 16:59	10	0
1362646	3/14/2024 16:55	3/14/2024 17:00	5	0
663982	3/14/2024 16:55	3/14/2024 17:00	5	0
449377	3/14/2024 16:59	3/14/2024 20:53	234	0
1362646	3/14/2024 17:00	3/15/2024 9:22	982	0
663982	3/14/2024 17:00	3/15/2024 9:10	970	0
1423797	3/14/2024 17:19	3/14/2024 21:02	223	0
1493132	3/14/2024 17:31	3/15/2024 8:37	906	0
7533405	3/14/2024 17:34	3/15/2024 10:00	985.2	0
1325985	3/14/2024 17:43	3/15/2024 8:39	896	0
564518	3/14/2024 17:47	3/15/2024 10:00	972.8	0
309944	3/14/2024 20:23	3/15/2024 10:00	816.2	0
612938	3/14/2024 20:47	3/15/2024 10:00	792.8	0
449377	3/14/2024 20:53	3/14/2024 21:09	16	0
1041597	3/14/2024 20:54	3/15/2024 10:00	785	0
385332	3/14/2024 20:57	3/15/2024 10:00	782.8	0
675499	3/14/2024 21:00	3/15/2024 10:00	779.42	0

487441	3/14/2024 21:00	3/15/2024 10:00	779.8	0
945898	3/14/2024 21:01	3/15/2024 9:50	769	0
979815	3/14/2024 21:01	3/15/2024 9:48	767	0
1320619	3/14/2024 21:02	3/15/2024 10:00	777.27	0
1423797	3/14/2024 21:02	3/15/2024 10:00	777.27	0
1361770	3/14/2024 21:02	3/15/2024 9:25	743	0
989956	3/14/2024 21:02	3/15/2024 10:00	777	0
8150753	3/14/2024 21:02	3/15/2024 10:00	777	0
980132	3/14/2024 21:03	3/15/2024 9:14	731	0
982457	3/14/2024 21:03	3/15/2024 10:00	776	0
956559	3/14/2024 21:03	3/15/2024 10:00	776	0
569420	3/14/2024 21:03	3/15/2024 10:00	776.8	0
1332906	3/14/2024 21:04	3/15/2024 10:00	775.27	0
298895	3/14/2024 21:05	3/15/2024 10:00	774.2	0
1321114	3/14/2024 21:05	3/15/2024 10:00	774.27	0
1321663	3/14/2024 21:05	3/15/2024 10:00	774.27	0
656343	3/14/2024 21:05	3/15/2024 10:00	774.42	0
1363415	3/14/2024 21:06	3/15/2024 10:00	773.27	0
975066	3/14/2024 21:06	3/15/2024 9:28	742	0
1309098	3/14/2024 21:07	3/15/2024 9:54	767	0
861053	3/14/2024 21:07	3/15/2024 10:00	772.42	0
9313875	3/14/2024 21:07	3/15/2024 10:00	772.75	0
1362855	3/14/2024 21:07	3/15/2024 10:00	772.27	0
956579	3/14/2024 21:07	3/15/2024 10:00	772	0
664453	3/14/2024 21:07	3/15/2024 9:56	769	0
981933	3/14/2024 21:07	3/15/2024 10:00	772	0
1089848	3/14/2024 21:07	3/15/2024 10:00	772.42	0
427715	3/14/2024 21:08	3/15/2024 10:00	771.8	0
325050	3/14/2024 21:08	3/15/2024 10:00	771.2	0
549259	3/14/2024 21:08	3/15/2024 10:00	771.8	0
793638	3/14/2024 21:08	3/15/2024 10:00	771.42	0
975191	3/14/2024 21:08	3/15/2024 9:10	722	0
1503634	3/14/2024 21:08	3/15/2024 10:00	771.27	0
860281	3/14/2024 21:08	3/15/2024 10:00	771.42	0
740241	3/14/2024 21:08	3/15/2024 10:00	771.42	0
903630	3/14/2024 21:08	3/15/2024 10:00	771.42	0
511266	3/14/2024 21:08	3/15/2024 10:00	771.8	0
8206792	3/14/2024 21:08	3/15/2024 10:00	771.75	0
449377	3/14/2024 21:09	3/14/2024 21:35	26	0
303510	3/14/2024 21:09	3/15/2024 10:00	770.2	0
1321750	3/14/2024 21:09	3/15/2024 9:24	735	0
1466357	3/14/2024 21:10	3/15/2024 10:00	769.75	0
219948	3/14/2024 21:10	3/15/2024 10:00	769.2	0
29848	3/14/2024 21:11	3/15/2024 10:00	768.2	0
1456419	3/14/2024 21:11	3/15/2024 10:00	768.75	0
12378019	3/14/2024 21:11	3/15/2024 10:00	768.2	0
6280623	3/14/2024 21:11	3/15/2024 10:00	768.2	0

658658	3/14/2024 21:11	3/15/2024 10:00	768.42	0
311322	3/14/2024 21:11	3/15/2024 10:00	768.2	0
188639	3/14/2024 21:12	3/15/2024 10:00	767.2	0
1538577	3/14/2024 21:12	3/15/2024 10:00	767.75	0
1193174	3/14/2024 21:12	3/15/2024 10:00	767.27	0
353651	3/14/2024 21:12	3/15/2024 10:00	767.2	0
1393633	3/14/2024 21:13	3/15/2024 10:00	766.27	0
1602693	3/14/2024 21:13	3/15/2024 9:51	758	0
11176351	3/14/2024 21:13	3/15/2024 10:00	766.75	0
1493766	3/14/2024 21:13	3/15/2024 10:00	766.27	0
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915333	3/14/2024 21:13	3/15/2024 10:00	766.42	0
1453263	3/14/2024 21:13	3/15/2024 9:56	763	0
1412757	3/14/2024 21:13	3/15/2024 10:00	766.27	0
34887	3/14/2024 21:14	3/15/2024 10:00	765.2	0
30380	3/14/2024 21:14	3/15/2024 10:00	765.2	0
30176	3/14/2024 21:14	3/15/2024 10:00	765.2	0
30471	3/14/2024 21:14	3/15/2024 10:00	765.2	0
29748	3/14/2024 21:14	3/15/2024 10:00	765.2	0
1385431	3/14/2024 21:14	3/15/2024 10:00	765.27	0
1415828	3/14/2024 21:14	3/15/2024 10:00	765.27	0
5212517	3/14/2024 21:15	3/15/2024 10:00	764.2	0
316997	3/14/2024 21:15	3/15/2024 10:00	764.2	0
1430294	3/14/2024 21:15	3/15/2024 10:00	764.75	0
1554218	3/14/2024 21:15	3/15/2024 10:00	764.75	0
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354480	3/14/2024 21:16	3/15/2024 10:00	763.8	0
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561672	3/14/2024 21:17	3/15/2024 10:00	762.8	0
27475	3/14/2024 21:18	3/15/2024 10:00	761.2	0
1556434	3/14/2024 21:19	3/15/2024 10:00	760.75	0
574993	3/14/2024 21:19	3/15/2024 9:21	722	0
1599504	3/14/2024 21:19	3/15/2024 10:00	760.75	0
1602630	3/14/2024 21:19	3/15/2024 10:00	760.75	0
29842	3/14/2024 21:20	3/15/2024 10:00	759.2	0
189581	3/14/2024 21:22	3/15/2024 10:00	757.2	0
27443	3/14/2024 21:23	3/15/2024 10:00	756.2	0
449377	3/14/2024 21:35	3/14/2024 22:32	57	0
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646026	3/14/2024 22:20	3/15/2024 10:00	699.8	0
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980398	3/15/2024 8:36	3/15/2024 9:18	42	0
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790670	3/15/2024 8:36	3/15/2024 10:00	83.42	0
324290	3/15/2024 8:36	3/15/2024 10:00	83.2	0
11081884	3/15/2024 8:37	3/15/2024 10:00	82.2	0
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6714863	3/15/2024 8:37	3/15/2024 10:00	82.42	0
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523489	3/15/2024 8:37	3/15/2024 10:00	82.2	0
29635	3/15/2024 8:37	3/15/2024 10:00	82.2	0
303811	3/15/2024 8:37	3/15/2024 10:00	82.2	0

1363656	3/15/2024 8:37	3/15/2024 10:00	82.27	0
416557	3/15/2024 8:37	3/15/2024 10:00	82.8	0
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24124	3/15/2024 8:37	3/15/2024 10:00	82.2	0
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510307	3/15/2024 8:37	3/15/2024 10:00	82.8	0
552210	3/15/2024 8:37	3/15/2024 10:00	82.8	0
53030	3/15/2024 8:37	3/15/2024 10:00	82.2	0
1417138	3/15/2024 8:37	3/15/2024 10:00	82.27	0
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645339	3/15/2024 8:38	3/15/2024 10:00	81.8	0
793285	3/15/2024 8:38	3/15/2024 10:00	81.42	0
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957615	3/15/2024 8:38	3/15/2024 10:00	81	0
985241	3/15/2024 8:38	3/15/2024 10:00	81	0
916118	3/15/2024 8:38	3/15/2024 10:00	81.42	0
709832	3/15/2024 8:38	3/15/2024 10:00	81.42	0
328911	3/15/2024 8:38	3/15/2024 10:00	81.2	0
1375642	3/15/2024 8:38	3/15/2024 10:00	81.27	0
1565203	3/15/2024 8:38	3/15/2024 10:00	81.75	0
316630	3/15/2024 8:38	3/15/2024 10:00	81.2	0
1638308	3/15/2024 8:38	3/15/2024 10:00	81.75	0
1508563	3/15/2024 8:38	3/15/2024 10:00	81.75	0
8524544	3/15/2024 8:38	3/15/2024 10:00	81.2	0
198082	3/15/2024 8:38	3/15/2024 10:00	81.2	0
1464949	3/15/2024 8:38	3/15/2024 10:00	81.75	0
1093722	3/15/2024 8:38	3/15/2024 8:53	15	0
507365	3/15/2024 8:38	3/15/2024 10:00	81.8	0
1361528	3/15/2024 8:38	3/15/2024 9:25	47	0
197356	3/15/2024 8:38	3/15/2024 10:00	81.2	0
264379	3/15/2024 8:38	3/15/2024 10:00	81.2	0
1498610	3/15/2024 8:38	3/15/2024 10:00	81.27	0
1591422	3/15/2024 8:38	3/15/2024 10:00	81.75	0
1510965	3/15/2024 8:38	3/15/2024 10:00	81.75	0
1511264	3/15/2024 8:38	3/15/2024 10:00	81.75	0
317084	3/15/2024 8:38	3/15/2024 10:00	81.2	0
1395587	3/15/2024 8:38	3/15/2024 10:00	81.27	0
1704232	3/15/2024 8:38	3/15/2024 10:00	81.27	0
952445	3/15/2024 8:39	3/15/2024 10:00	80	0
312766	3/15/2024 8:39	3/15/2024 10:00	80.2	0
1468500	3/15/2024 8:39	3/15/2024 10:00	80.75	0
12376755	3/15/2024 8:39	3/15/2024 10:00	80.27	0

304295	3/15/2024 8:39	3/15/2024 10:00	80.2	0
315169	3/15/2024 8:39	3/15/2024 9:47	68	0
1450250	3/15/2024 8:39	3/15/2024 10:00	80.75	0
311452	3/15/2024 8:39	3/15/2024 10:00	80.2	0
1463218	3/15/2024 8:39	3/15/2024 10:00	80.75	0
1567514	3/15/2024 8:39	3/15/2024 10:00	80.75	0
979888	3/15/2024 8:39	3/15/2024 10:00	80	0
1556243	3/15/2024 8:39	3/15/2024 10:00	80.75	0
311724	3/15/2024 8:39	3/15/2024 10:00	80.2	0
1600016	3/15/2024 8:39	3/15/2024 10:00	80.75	0
1564506	3/15/2024 8:39	3/15/2024 10:00	80.75	0
54382	3/15/2024 8:39	3/15/2024 10:00	80.2	0
312995	3/15/2024 8:39	3/15/2024 10:00	80.2	0
1511251	3/15/2024 8:39	3/15/2024 10:00	80.75	0
317126	3/15/2024 8:39	3/15/2024 10:00	80.2	0
314350	3/15/2024 8:39	3/15/2024 10:00	80.2	0
328570	3/15/2024 8:39	3/15/2024 10:00	80.2	0
1431804	3/15/2024 8:39	3/15/2024 10:00	80.75	0
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574224	3/15/2024 8:39	3/15/2024 10:00	80.8	0
1543287	3/15/2024 8:39	3/15/2024 10:00	80.75	0
314899	3/15/2024 8:39	3/15/2024 10:00	80.2	0
989442	3/15/2024 8:39	3/15/2024 10:00	80	0
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315484	3/15/2024 8:39	3/15/2024 10:00	80.2	0
1355611	3/15/2024 8:39	3/15/2024 9:23	44	0
8950281	3/15/2024 8:39	3/15/2024 10:00	80.2	0
1511816	3/15/2024 8:39	3/15/2024 10:00	80.75	0
506261	3/15/2024 8:39	3/15/2024 10:00	80.8	0
1190246	3/15/2024 8:39	3/15/2024 10:00	80.27	0
449036	3/15/2024 8:39	3/15/2024 10:00	80.8	0
190372	3/15/2024 8:39	3/15/2024 10:00	80.2	0
308802	3/15/2024 8:39	3/15/2024 10:00	80.2	0
56164	3/15/2024 8:39	3/15/2024 10:00	80.2	0
1654064	3/15/2024 8:39	3/15/2024 9:16	37	0
428411	3/15/2024 8:39	3/15/2024 10:00	80.8	0
553863	3/15/2024 8:39	3/15/2024 10:00	80.8	0
1446785	3/15/2024 8:39	3/15/2024 10:00	80.75	0
1361099	3/15/2024 8:39	3/15/2024 10:00	80.27	0
1487930	3/15/2024 8:39	3/15/2024 10:00	80	0
1704779	3/15/2024 8:39	3/15/2024 10:00	80.27	0
1573666	3/15/2024 8:39	3/15/2024 9:47	68	0
1363754	3/15/2024 8:39	3/15/2024 10:00	80.27	0
1469866	3/15/2024 8:39	3/15/2024 10:00	80.75	0
314188	3/15/2024 8:39	3/15/2024 9:47	68	0
660265	3/15/2024 8:39	3/15/2024 10:00	80.42	0
353082	3/15/2024 8:39	3/15/2024 10:00	80.2	0

865320	3/15/2024 8:39	3/15/2024 10:00	80.42	0
23566	3/15/2024 8:39	3/15/2024 10:00	80.2	0
1494722	3/15/2024 8:39	3/15/2024 9:27	48	0
30370	3/15/2024 8:39	3/15/2024 10:00	80.2	0
315730	3/15/2024 8:39	3/15/2024 9:47	68	0
1310926	3/15/2024 8:39	3/15/2024 9:53	74	0
1321605	3/15/2024 8:39	3/15/2024 9:26	47	0
1320646	3/15/2024 8:39	3/15/2024 10:00	80.27	0
916441	3/15/2024 8:39	3/15/2024 10:00	80.42	0
304845	3/15/2024 8:39	3/15/2024 9:16	37	0
1267978	3/15/2024 8:39	3/15/2024 10:00	80	0
56196	3/15/2024 8:39	3/15/2024 10:00	80.2	0
314163	3/15/2024 8:39	3/15/2024 10:00	80.2	0
320966	3/15/2024 8:39	3/15/2024 10:00	80.2	0
1325985	3/15/2024 8:39	3/15/2024 10:00	80.27	0
29807	3/15/2024 8:39	3/15/2024 10:00	80.2	0
10371797	3/15/2024 8:39	3/15/2024 10:00	80.2	0
324045	3/15/2024 8:39	3/15/2024 10:00	80.2	0
1513398	3/15/2024 8:39	3/15/2024 10:00	80.75	0
8717997	3/15/2024 8:39	3/15/2024 10:00	80.42	0
601397	3/15/2024 8:39	3/15/2024 10:00	80.8	0
35442	3/15/2024 8:39	3/15/2024 10:00	80.2	0
1399519	3/15/2024 8:39	3/15/2024 10:00	80.27	0
23462	3/15/2024 8:39	3/15/2024 10:00	80.2	0
1597834	3/15/2024 8:39	3/15/2024 10:00	80.75	0
859747	3/15/2024 8:39	3/15/2024 10:00	80.42	0
49209	3/15/2024 8:39	3/15/2024 10:00	80.2	0
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865262	3/15/2024 8:40	3/15/2024 10:00	79.42	0
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982261	3/15/2024 8:40	3/15/2024 10:00	79	0
183822	3/15/2024 8:40	3/15/2024 10:00	79.2	0
1377303	3/15/2024 8:40	3/15/2024 9:24	44	0
313954	3/15/2024 8:40	3/15/2024 10:00	79.2	0
1588354	3/15/2024 8:40	3/15/2024 10:00	79.75	0
298410	3/15/2024 8:40	3/15/2024 10:00	79.2	0
55854	3/15/2024 8:40	3/15/2024 10:00	79.2	0
1430553	3/15/2024 8:40	3/15/2024 10:00	79.75	0
47769	3/15/2024 8:40	3/15/2024 10:00	79.2	0
7937779	3/15/2024 8:40	3/15/2024 10:00	79.27	0
55096	3/15/2024 8:40	3/15/2024 10:00	79.2	0
54282	3/15/2024 8:40	3/15/2024 10:00	79.2	0
1410177	3/15/2024 8:40	3/15/2024 10:00	79.27	0
1516739	3/15/2024 8:40	3/15/2024 10:00	79.75	0
8621797	3/15/2024 8:40	3/15/2024 10:00	79.2	0
975032	3/15/2024 8:40	3/15/2024 9:27	47	0
304209	3/15/2024 8:40	3/15/2024 10:00	79.2	0

9063373	3/15/2024 8:40	3/15/2024 10:00	79.27	0
801004	3/15/2024 8:40	3/15/2024 10:00	79.42	0
1268231	3/15/2024 8:40	3/15/2024 10:00	79	0
569142	3/15/2024 8:40	3/15/2024 10:00	79.8	0
28509	3/15/2024 8:40	3/15/2024 10:00	79.2	0
27483	3/15/2024 8:40	3/15/2024 10:00	79.2	0
800590	3/15/2024 8:40	3/15/2024 10:00	79.42	0
658177	3/15/2024 8:40	3/15/2024 10:00	79.42	0
916360	3/15/2024 8:40	3/15/2024 10:00	79.42	0
1515733	3/15/2024 8:40	3/15/2024 9:54	74	0
1414392	3/15/2024 8:40	3/15/2024 10:00	79.27	0
1604432	3/15/2024 8:40	3/15/2024 9:48	68	0
34832	3/15/2024 8:40	3/15/2024 10:00	79.2	0
860934	3/15/2024 8:40	3/15/2024 10:00	79.42	0
55232	3/15/2024 8:40	3/15/2024 10:00	79.2	0
1361623	3/15/2024 8:40	3/15/2024 10:00	79.27	0
800600	3/15/2024 8:40	3/15/2024 10:00	79.42	0
1638479	3/15/2024 8:40	3/15/2024 10:00	79.75	0
304785	3/15/2024 8:40	3/15/2024 9:12	32	0
1363588	3/15/2024 8:40	3/15/2024 9:27	47	0
1307027	3/15/2024 8:41	3/15/2024 10:00	78.27	0
8434548	3/15/2024 8:41	3/15/2024 10:00	78.2	0
1465391	3/15/2024 8:41	3/15/2024 9:54	73	0
772378	3/15/2024 8:41	3/15/2024 10:00	78.8	0
1503739	3/15/2024 8:41	3/15/2024 9:02	21	0
574596	3/15/2024 8:41	3/15/2024 9:52	71	0
1624452	3/15/2024 8:41	3/15/2024 9:33	52	0
2032900	3/15/2024 8:41	3/15/2024 10:00	78.27	0
1701172	3/15/2024 8:41	3/15/2024 10:00	78.27	0
1514004	3/15/2024 8:41	3/15/2024 10:00	78.75	0
1664433	3/15/2024 8:41	3/15/2024 10:00	78.42	0
1265778	3/15/2024 8:41	3/15/2024 10:00	78.27	0
381338	3/15/2024 8:41	3/15/2024 10:00	78.8	0
1599209	3/15/2024 8:41	3/15/2024 10:00	78.75	0
1543009	3/15/2024 8:41	3/15/2024 9:33	52	0
314564	3/15/2024 8:41	3/15/2024 10:00	78.2	0
605186	3/15/2024 8:41	3/15/2024 10:00	78.8	0
1556486	3/15/2024 8:41	3/15/2024 10:00	78.75	0
7091921	3/15/2024 8:43	3/15/2024 10:00	76.2	0
6828301	3/15/2024 8:43	3/15/2024 10:00	76.2	0
1493132	3/15/2024 8:43	3/15/2024 10:00	76.27	0
1019446	3/15/2024 8:50	3/15/2024 10:00	69	0
1093722	3/15/2024 8:53	3/15/2024 10:00	66.8	0
1503739	3/15/2024 9:02	3/15/2024 9:18	16	0
663982	3/15/2024 9:10	3/15/2024 9:16	6	0
975191	3/15/2024 9:10	3/15/2024 10:00	49	0
304785	3/15/2024 9:12	3/15/2024 10:00	47.2	0

980132	3/15/2024 9:14	3/15/2024 10:00	45	0
1654064	3/15/2024 9:16	3/15/2024 9:26	10	0
663982	3/15/2024 9:16	3/15/2024 9:58	42	0
304845	3/15/2024 9:16	3/15/2024 10:00	43.2	0
1503739	3/15/2024 9:18	3/15/2024 10:00	41	0
980398	3/15/2024 9:18	3/15/2024 10:00	41	0
980870	3/15/2024 9:19	3/15/2024 10:00	40	0
574993	3/15/2024 9:21	3/15/2024 10:00	38.8	0
449377	3/15/2024 9:22	3/15/2024 10:00	37.8	0
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1351588	3/15/2024 9:24	3/15/2024 10:00	35.27	0
1321750	3/15/2024 9:24	3/15/2024 10:00	35.27	0
1361770	3/15/2024 9:25	3/15/2024 10:00	34.27	0
1361528	3/15/2024 9:25	3/15/2024 10:00	34.27	0
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1321605	3/15/2024 9:26	3/15/2024 10:00	33.27	0
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1350104	3/15/2024 9:27	3/15/2024 10:00	32.27	0
1494722	3/15/2024 9:27	3/15/2024 10:00	32.27	0
975032	3/15/2024 9:27	3/15/2024 9:59	32	0
1349766	3/15/2024 9:27	3/15/2024 10:00	32.27	0
1363588	3/15/2024 9:27	3/15/2024 10:00	32.27	0
1362646	3/15/2024 9:27	3/15/2024 9:37	10	0
975066	3/15/2024 9:28	3/15/2024 10:00	31	0
1301644	3/15/2024 9:29	3/15/2024 10:00	30.27	0
1393699	3/15/2024 9:29	3/15/2024 10:00	30.27	0
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1624452	3/15/2024 9:33	3/15/2024 10:00	26.75	0
1430644	3/15/2024 9:35	3/15/2024 10:00	24.75	0
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1362646	3/15/2024 9:43	3/15/2024 9:53	10	0
10433250	3/15/2024 9:46	3/15/2024 10:00	13.27	0
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315169	3/15/2024 9:47	3/15/2024 10:00	12.2	0
1573666	3/15/2024 9:47	3/15/2024 10:00	12.75	0
315730	3/15/2024 9:47	3/15/2024 10:00	12.2	0
979815	3/15/2024 9:48	3/15/2024 9:59	11	0
1604432	3/15/2024 9:48	3/15/2024 10:00	11.75	0
945898	3/15/2024 9:50	3/15/2024 10:00	9.42	0
1602693	3/15/2024 9:51	3/15/2024 10:00	8.75	0
1320008	3/15/2024 9:52	3/15/2024 10:00	7.27	0

574596	3/15/2024 9:52	3/15/2024 10:00	7.8	0
1362646	3/15/2024 9:53	3/15/2024 9:58	5	0
1310926	3/15/2024 9:53	3/15/2024 10:00	6.27	0
1465391	3/15/2024 9:54	3/15/2024 10:00	5.75	0
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1309098	3/15/2024 9:54	3/15/2024 10:00	5.27	0
1453263	3/15/2024 9:56	3/15/2024 10:00	3.75	0
307661	3/15/2024 9:56	3/15/2024 10:00	3.2	0
664453	3/15/2024 9:56	3/15/2024 10:00	3.42	0
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1362646	3/15/2024 9:58	3/15/2024 10:00	1.27	0
663982	3/15/2024 9:58	3/15/2024 10:00	1.42	0
975032	3/15/2024 9:59	3/15/2024 10:00	0	0
979815	3/15/2024 9:59	3/15/2024 10:00	0	0
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636274	3/15/2024 10:00	3/16/2024 10:00	1439.8	0
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1394324	3/15/2024 10:00	3/15/2024 11:22	82	0
1368580	3/15/2024 10:00	3/16/2024 10:00	1439.27	0
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7937779	3/15/2024 10:00	3/15/2024 14:32	272	0
711121	3/15/2024 10:00	3/15/2024 14:16	256	0
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605186	3/15/2024 10:00	3/15/2024 11:50	110	0
574596	3/15/2024 10:00	3/15/2024 14:21	261	0
1453263	3/15/2024 10:00	3/15/2024 14:23	263	0
47769	3/15/2024 10:00	3/15/2024 14:32	272	0

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1701172	3/15/2024 10:00	3/15/2024 11:39	99	0
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314188	3/15/2024 10:00	3/15/2024 21:10	670	0
1349766	3/15/2024 10:00	3/16/2024 10:00	1439.27	0
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315730	3/15/2024 10:00	3/15/2024 21:10	670	0
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10433250	3/15/2024 10:06	3/15/2024 14:46	280	0.2
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1361770	3/15/2024 10:07	3/15/2024 11:37	90	0
1361528	3/15/2024 10:07	3/15/2024 11:42	95	0
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574993	3/15/2024 10:08	3/15/2024 14:26	258	0
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553863	3/15/2024 10:08	3/15/2024 14:25	257	0
314899	3/15/2024 10:08	3/15/2024 11:38	90	0
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1309098	3/15/2024 10:10	3/15/2024 11:41	91	0
1515733	3/15/2024 10:10	3/15/2024 11:39	89	0
1393699	3/15/2024 10:11	3/15/2024 21:13	662	0.24
523489	3/15/2024 10:11	3/15/2024 11:40	89	0
8148103	3/15/2024 10:11	3/15/2024 11:41	90	0
956559	3/15/2024 10:11	3/15/2024 21:09	658	0.65
316997	3/15/2024 10:12	3/15/2024 11:41	89	0
317084	3/15/2024 10:12	3/15/2024 11:42	90	0
664453	3/15/2024 10:12	3/15/2024 14:13	241	0
8104722	3/15/2024 10:12	3/15/2024 11:41	89	0

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1494722	3/15/2024 10:14	3/15/2024 22:38	744	0.09
957615	3/15/2024 10:14	3/15/2024 21:20	666	0.14
1654064	3/15/2024 10:14	3/15/2024 11:01	47	0
1567514	3/15/2024 10:14	3/15/2024 11:01	47	0
304785	3/15/2024 10:15	3/15/2024 21:16	661	0
1376158	3/15/2024 10:15	3/15/2024 20:58	643	0.28
979815	3/15/2024 10:15	3/15/2024 21:06	651	0
1503739	3/15/2024 10:16	3/15/2024 21:08	652	0.25
980398	3/15/2024 10:16	3/15/2024 21:07	651	0
1493132	3/15/2024 10:17	3/15/2024 14:29	252	0.15
1041597	3/15/2024 10:17	3/15/2024 12:54	157	0
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449036	3/15/2024 10:18	3/15/2024 21:04	646	0
980132	3/15/2024 10:18	3/15/2024 21:09	651	0
561672	3/15/2024 10:20	3/15/2024 11:49	89	0
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793285	3/15/2024 10:23	3/15/2024 21:24	661	0.18
1511264	3/15/2024 10:23	3/15/2024 21:24	661	0.12
860281	3/15/2024 10:24	3/15/2024 11:38	74	0
1511251	3/15/2024 10:24	3/15/2024 21:25	661	0
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1320646	3/15/2024 10:24	3/15/2024 11:12	48	0
859747	3/15/2024 10:24	3/15/2024 11:37	73	0
449377	3/15/2024 10:25	3/15/2024 11:06	41	0
1321114	3/15/2024 10:25	3/15/2024 11:07	42	0
1320619	3/15/2024 10:26	3/15/2024 11:08	42	0
1265778	3/15/2024 10:26	3/15/2024 21:12	646	0
2032900	3/15/2024 10:26	3/15/2024 14:28	242	0.07
790670	3/15/2024 10:27	3/15/2024 21:13	646	0
1321750	3/15/2024 10:27	3/15/2024 11:09	42	0
7932279	3/15/2024 10:27	3/15/2024 11:09	42	0
954332	3/15/2024 10:28	3/15/2024 21:03	635	0.07
303811	3/15/2024 10:28	3/15/2024 21:13	645	0
955448	3/15/2024 10:29	3/16/2024 10:00	1410	0
816722	3/15/2024 10:30	3/15/2024 21:10	640	0
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304295	3/15/2024 10:30	3/15/2024 21:15	645	0
817825	3/15/2024 10:31	3/15/2024 21:17	646	0
416557	3/15/2024 10:32	3/15/2024 14:34	242	0
1430644	3/15/2024 10:32	3/15/2024 21:13	641	0.3
982457	3/15/2024 10:32	3/15/2024 21:07	635	0.27
1416360	3/15/2024 10:33	3/15/2024 21:29	656	0

198082	3/15/2024 10:34	3/16/2024 10:00	1405.2	0
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1604432	3/15/2024 10:35	3/15/2024 21:21	646	0
1415828	3/15/2024 10:35	3/15/2024 21:15	640	0.01
772378	3/15/2024 10:35	3/15/2024 21:05	630	0
1414392	3/15/2024 10:36	3/15/2024 21:27	651	0
1543009	3/15/2024 10:36	3/15/2024 11:34	58	0
11081884	3/15/2024 10:36	3/15/2024 11:35	59	0
10659831	3/15/2024 10:36	3/15/2024 21:21	645	0
740241	3/15/2024 10:37	3/15/2024 11:03	26	0
1518000	3/15/2024 10:37	3/15/2024 12:59	142	0
800588	3/15/2024 10:38	3/15/2024 21:08	630	0
511266	3/15/2024 10:38	3/15/2024 11:41	63	0
12682110	3/15/2024 10:38	3/15/2024 21:15	637	0
510307	3/15/2024 10:38	3/15/2024 11:41	63	0
507365	3/15/2024 10:39	3/15/2024 11:37	58	0
1457350	3/15/2024 10:40	3/16/2024 10:00	1399.75	0
801004	3/15/2024 10:40	3/15/2024 21:25	645	0
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800590	3/15/2024 10:41	3/15/2024 21:10	629	0
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7533405	3/15/2024 10:46	3/15/2024 11:13	27	0
456048	3/15/2024 10:46	3/15/2024 21:05	619	0
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1624452	3/15/2024 10:47	3/15/2024 11:50	63	0
1514004	3/15/2024 10:47	3/15/2024 21:12	625	0
1602693	3/15/2024 10:48	3/15/2024 14:34	226	0
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1267978	3/15/2024 10:51	3/15/2024 14:21	210	0
552210	3/15/2024 10:54	3/15/2024 21:08	614	0
1268231	3/15/2024 10:54	3/15/2024 14:24	210	0.08
564518	3/15/2024 10:56	3/15/2024 14:26	210	0
1363415	3/15/2024 10:56	3/15/2024 14:42	226	0.09
1355611	3/15/2024 10:56	3/15/2024 14:26	210	0
353082	3/15/2024 10:56	3/15/2024 11:43	47	0
353651	3/15/2024 10:58	3/15/2024 11:43	45	0
1654064	3/15/2024 11:01	3/15/2024 20:33	572	0
1362646	3/15/2024 11:01	3/15/2024 11:07	6	0
1567514	3/15/2024 11:01	3/15/2024 11:43	42	0
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183822	3/15/2024 11:02	3/15/2024 11:44	42	0
259674	3/15/2024 11:03	3/15/2024 21:17	614	0

740241	3/15/2024 11:03	3/15/2024 12:22	79	0
196965	3/15/2024 11:04	3/15/2024 11:35	31	0
1672784	3/15/2024 11:04	3/16/2024 10:00	1375.8	0.27
1638308	3/15/2024 11:05	3/15/2024 14:35	210	0.12
11176351	3/15/2024 11:05	3/15/2024 11:47	42	0
197356	3/15/2024 11:05	3/15/2024 11:36	31	0
454372	3/15/2024 11:05	3/16/2024 10:00	1374.8	0
1638479	3/15/2024 11:06	3/15/2024 14:05	179	0
449377	3/15/2024 11:06	3/15/2024 11:49	43	0
323747	3/15/2024 11:06	3/15/2024 21:15	609	0.14
324045	3/15/2024 11:06	3/15/2024 21:21	615	0.3
325050	3/15/2024 11:06	3/15/2024 21:20	614	0
324249	3/15/2024 11:07	3/15/2024 21:15	608	0
1362646	3/15/2024 11:07	3/15/2024 11:12	5	0
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127206	3/15/2024 11:08	3/16/2024 10:00	1371.2	0
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1321750	3/15/2024 11:09	3/15/2024 11:40	31	0
6623421	3/15/2024 11:09	3/15/2024 11:30	21	0
1638359	3/15/2024 11:09	3/15/2024 14:07	178	0
878149	3/15/2024 11:09	3/15/2024 21:23	614	0
7932279	3/15/2024 11:09	3/15/2024 14:28	199	0
975191	3/15/2024 11:10	3/15/2024 21:14	604	0.17
1393633	3/15/2024 11:11	3/15/2024 21:15	604	0.97
385332	3/15/2024 11:11	3/15/2024 21:18	607	0
663982	3/15/2024 11:11	3/15/2024 11:16	5	0
658177	3/15/2024 11:12	3/15/2024 14:10	178	0
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1362646	3/15/2024 11:12	3/15/2024 11:38	26	0
1452843	3/15/2024 11:12	3/15/2024 14:27	195	0
7533405	3/15/2024 11:13	3/15/2024 11:34	21	0
8495802	3/15/2024 11:14	3/15/2024 11:30	16	0
1573666	3/15/2024 11:16	3/15/2024 21:26	610	0
663982	3/15/2024 11:16	3/15/2024 14:10	174	0
1466638	3/15/2024 11:17	3/15/2024 12:05	48	0
8434548	3/15/2024 11:18	3/15/2024 21:06	588	0.13
9063373	3/15/2024 11:18	3/15/2024 11:34	16	0
12378019	3/15/2024 11:20	3/15/2024 21:08	588	0
1093722	3/15/2024 11:20	3/15/2024 11:36	16	0
12376755	3/15/2024 11:21	3/15/2024 11:37	16	0
1430294	3/15/2024 11:22	3/15/2024 15:39	257	0
1394324	3/15/2024 11:22	3/15/2024 11:32	10	0
500173	3/15/2024 11:23	3/15/2024 21:00	577	0.29
324290	3/15/2024 11:24	3/15/2024 17:37	373	0.11
1307027	3/15/2024 11:24	3/15/2024 11:39	15	0
1385431	3/15/2024 11:25	3/15/2024 21:23	598	0
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1321605	3/15/2024 11:37	3/15/2024 14:10	153	0.27
859747	3/15/2024 11:37	3/15/2024 11:53	16	0
507365	3/15/2024 11:37	3/15/2024 11:52	15	0
1361770	3/15/2024 11:37	3/15/2024 14:40	183	0.06
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12376755	3/15/2024 11:37	3/15/2024 11:53	16	0
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1363588	3/15/2024 11:38	3/15/2024 14:42	184	0.07
6280623	3/15/2024 11:38	3/15/2024 14:42	184	0.01
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1310926	3/15/2024 11:54	3/15/2024 12:41	47	0

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1466638	3/15/2024 12:05	3/15/2024 13:03	58	0
1624452	3/15/2024 12:06	3/15/2024 13:19	73	0
1465391	3/15/2024 12:06	3/15/2024 14:17	131	0.04
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1041597	3/15/2024 12:54	3/15/2024 12:59	5	0
449377	3/15/2024 12:57	3/15/2024 14:21	84	0
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860281	3/15/2024 13:23	3/15/2024 14:04	41	0
1309098	3/15/2024 13:37	3/15/2024 14:09	32	0.02
1310926	3/15/2024 13:38	3/15/2024 14:10	32	0.01
660265	3/15/2024 13:44	3/15/2024 21:29	465	0.32
1567316	3/15/2024 13:45	3/16/2024 10:00	1214.75	0
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590897	3/15/2024 14:12	3/15/2024 14:17	5	0
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51483	3/15/2024 14:18	3/15/2024 15:06	48	0
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1701172	3/15/2024 14:27	3/15/2024 14:38	11	0
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328113	3/15/2024 14:28	3/15/2024 14:44	16	0
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1493132	3/15/2024 14:29	3/15/2024 14:45	16	0
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47769	3/15/2024 14:32	3/15/2024 14:48	16	0
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416557	3/15/2024 14:34	3/15/2024 14:45	11	0
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510307	3/15/2024 14:39	3/15/2024 21:08	389	0

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664453	3/15/2024 14:45	3/15/2024 21:24	399	0

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1362646	3/15/2024 14:47	3/15/2024 14:52	5	0
7937779	3/15/2024 14:47	3/15/2024 21:18	391	0
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313269	3/15/2024 14:57	3/15/2024 21:21	384	0
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1624452	3/15/2024 15:04	3/15/2024 21:14	370	0
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663982	3/15/2024 15:44	3/15/2024 15:55	11	0
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449377	3/15/2024 15:45	3/15/2024 16:00	15	0
7879030	3/15/2024 15:45	3/15/2024 21:10	325	0
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34832	3/15/2024 15:55	3/16/2024 10:00	1084.2	0
34887	3/15/2024 15:56	3/16/2024 10:00	1083.2	0
1362646	3/15/2024 15:56	3/15/2024 16:01	5	0
25674	3/15/2024 15:58	3/15/2024 20:42	284	0
664030	3/15/2024 15:58	3/15/2024 22:31	393	0
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1325985	3/15/2024 16:00	3/15/2024 21:25	325	0
24124	3/15/2024 16:00	3/16/2024 10:00	1079.2	0
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1493132	3/15/2024 17:17	3/15/2024 21:29	252	0
1301644	3/15/2024 17:26	3/15/2024 21:06	220	0
449377	3/15/2024 17:30	3/15/2024 17:56	26	0
324290	3/15/2024 17:37	3/15/2024 21:02	205	0
449377	3/15/2024 17:56	3/15/2024 18:38	42	0
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449377	3/15/2024 19:10	3/15/2024 19:25	15	0
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1268231	3/15/2024 20:46	3/16/2024 10:00	793	0
1020565	3/15/2024 20:49	3/16/2024 10:00	790	0
1267978	3/15/2024 20:54	3/16/2024 7:51	657	0
416557	3/15/2024 20:57	3/16/2024 10:00	782.8	0
1376158	3/15/2024 20:58	3/16/2024 10:00	781.27	0
569420	3/15/2024 20:59	3/16/2024 10:00	780.8	0
1452843	3/15/2024 21:00	3/16/2024 10:00	779.75	0
456084	3/15/2024 21:00	3/16/2024 10:00	779.8	0
561757	3/15/2024 21:00	3/16/2024 10:00	779.8	0
500173	3/15/2024 21:00	3/16/2024 10:00	779.8	0
449377	3/15/2024 21:00	3/15/2024 21:36	36	0
1599209	3/15/2024 21:01	3/16/2024 10:00	778.75	0
574596	3/15/2024 21:01	3/16/2024 10:00	778.8	0
324290	3/15/2024 21:02	3/16/2024 8:19	677	0
7932279	3/15/2024 21:02	3/16/2024 10:00	777.75	0
954332	3/15/2024 21:03	3/16/2024 10:00	776	0

510522	3/15/2024 21:04	3/16/2024 10:00	775.8	0
989956	3/15/2024 21:04	3/16/2024 10:00	775	0
449036	3/15/2024 21:04	3/16/2024 10:00	775.8	0
945898	3/15/2024 21:04	3/16/2024 10:00	775.42	0
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1452193	3/15/2024 21:05	3/16/2024 10:00	774.75	0
1321605	3/15/2024 21:05	3/16/2024 9:30	745	0
456048	3/15/2024 21:05	3/16/2024 10:00	774.8	0
954637	3/15/2024 21:05	3/16/2024 10:00	774	0
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8434548	3/15/2024 21:06	3/16/2024 10:00	773.2	0
605186	3/15/2024 21:06	3/16/2024 10:00	773.8	0
8910809	3/15/2024 21:06	3/16/2024 10:00	773.8	0
979815	3/15/2024 21:06	3/16/2024 10:00	773	0
1311232	3/15/2024 21:06	3/16/2024 10:00	773.27	0
1301644	3/15/2024 21:06	3/16/2024 10:00	773.27	0
590897	3/15/2024 21:07	3/16/2024 10:00	772.8	0
980398	3/15/2024 21:07	3/16/2024 9:17	730	0
1432827	3/15/2024 21:07	3/16/2024 10:00	772.75	0
1332906	3/15/2024 21:07	3/16/2024 10:00	772.27	0
982457	3/15/2024 21:07	3/16/2024 10:00	772	0
6623421	3/15/2024 21:07	3/16/2024 10:00	772.75	0
956579	3/15/2024 21:08	3/16/2024 10:00	771	0
12378019	3/15/2024 21:08	3/16/2024 10:00	771.2	0
1453263	3/15/2024 21:08	3/16/2024 10:00	771.75	0
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344641	3/15/2024 21:10	3/16/2024 10:00	769.2	0
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8717997	3/15/2024 21:10	3/16/2024 10:00	769.42	0
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975032	3/15/2024 21:11	3/16/2024 10:00	768	0
800600	3/15/2024 21:11	3/16/2024 10:00	768.42	0
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47769	3/15/2024 21:11	3/16/2024 10:00	768.2	0
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2032900	3/15/2024 21:12	3/16/2024 8:13	661	0
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1446401	3/15/2024 21:13	3/16/2024 10:00	766.75	0
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1393699	3/15/2024 21:13	3/16/2024 10:00	766.27	0
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656343	3/15/2024 21:13	3/16/2024 10:00	766.42	0
380057	3/15/2024 21:13	3/16/2024 10:00	766.8	0

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381982	3/15/2024 21:13	3/16/2024 10:00	766.8	0
740241	3/15/2024 21:13	3/16/2024 10:00	766.42	0
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1363656	3/15/2024 21:13	3/16/2024 10:00	766.27	0
975191	3/15/2024 21:14	3/16/2024 10:00	765	0
903630	3/15/2024 21:14	3/16/2024 10:00	765.42	0
1624452	3/15/2024 21:14	3/16/2024 10:00	765.75	0
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1309098	3/15/2024 21:14	3/16/2024 10:00	765.27	0
8524544	3/15/2024 21:14	3/16/2024 10:00	765.2	0
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328113	3/15/2024 21:15	3/16/2024 10:00	764.2	0
23462	3/15/2024 21:15	3/16/2024 10:00	764.2	0
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1393633	3/15/2024 21:15	3/16/2024 10:00	764.27	0
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49209	3/15/2024 21:16	3/16/2024 10:00	763.2	0
1462990	3/15/2024 21:16	3/16/2024 10:00	763.75	0
1361623	3/15/2024 21:16	3/16/2024 10:00	763.27	0
1588354	3/15/2024 21:16	3/16/2024 10:00	763.75	0
304785	3/15/2024 21:16	3/16/2024 10:00	763.2	0
561672	3/15/2024 21:16	3/16/2024 10:00	763.8	0
952445	3/15/2024 21:17	3/16/2024 10:00	762	0

259674	3/15/2024 21:17	3/16/2024 10:00	762.2	0
1405153	3/15/2024 21:17	3/16/2024 10:00	762.27	0
817825	3/15/2024 21:17	3/16/2024 10:00	762.42	0
1602693	3/15/2024 21:18	3/16/2024 10:00	761.75	0
8148103	3/15/2024 21:18	3/16/2024 10:00	761.2	0
1251782	3/15/2024 21:18	3/16/2024 10:00	761.42	0
8511623	3/15/2024 21:18	3/16/2024 10:00	761.2	0
51483	3/15/2024 21:18	3/16/2024 10:00	761.2	0
7937779	3/15/2024 21:18	3/16/2024 10:00	761.27	0
385332	3/15/2024 21:18	3/16/2024 10:00	761.8	0
1417279	3/15/2024 21:18	3/16/2024 10:00	761.27	0
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1508563	3/15/2024 21:19	3/16/2024 10:00	760.75	0
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1468500	3/15/2024 21:19	3/16/2024 10:00	760.75	0
539938	3/15/2024 21:19	3/16/2024 9:05	706	0
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1638431	3/15/2024 21:19	3/16/2024 10:00	760.75	0
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980870	3/15/2024 21:20	3/16/2024 8:32	672	0
325050	3/15/2024 21:20	3/16/2024 10:00	759.2	0
601397	3/15/2024 21:20	3/16/2024 10:00	759.8	0
8950281	3/15/2024 21:20	3/16/2024 10:00	759.2	0
957615	3/15/2024 21:20	3/16/2024 10:00	759	0
1321114	3/15/2024 21:21	3/16/2024 8:12	651	0
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1604432	3/15/2024 21:21	3/16/2024 10:00	758.75	0
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324045	3/15/2024 21:21	3/16/2024 10:00	758.2	0
313269	3/15/2024 21:21	3/16/2024 10:00	758.2	0
1465391	3/15/2024 21:22	3/16/2024 10:00	757.75	0
1515733	3/15/2024 21:22	3/16/2024 10:00	757.75	0
1701172	3/15/2024 21:22	3/16/2024 8:13	651	0
975066	3/15/2024 21:22	3/16/2024 10:00	757	0
1362855	3/15/2024 21:22	3/16/2024 10:00	757.27	0
188639	3/15/2024 21:22	3/16/2024 10:00	757.2	0
878149	3/15/2024 21:23	3/16/2024 10:00	756.42	0
1493766	3/15/2024 21:23	3/16/2024 10:00	756.27	0
658658	3/15/2024 21:23	3/16/2024 10:00	756.42	0
8495802	3/15/2024 21:23	3/16/2024 10:00	756.75	0
1385431	3/15/2024 21:23	3/16/2024 10:00	756.27	0
1394467	3/15/2024 21:23	3/16/2024 10:00	756.27	0
1321750	3/15/2024 21:23	3/16/2024 7:58	635	0
1320646	3/15/2024 21:24	3/16/2024 8:15	651	0
56164	3/15/2024 21:24	3/16/2024 10:00	755.2	0
1664433	3/15/2024 21:24	3/16/2024 10:00	755.42	0

664453	3/15/2024 21:24	3/16/2024 9:39	735	0
1511264	3/15/2024 21:24	3/16/2024 10:00	755.75	0
793285	3/15/2024 21:24	3/16/2024 10:00	755.42	0
317084	3/15/2024 21:24	3/16/2024 10:00	755.2	0
197356	3/15/2024 21:24	3/16/2024 10:00	755.2	0
1361528	3/15/2024 21:24	3/16/2024 9:39	735	0
54382	3/15/2024 21:25	3/16/2024 10:00	754.2	0
1362130	3/15/2024 21:25	3/16/2024 9:38	733	0
709832	3/15/2024 21:25	3/16/2024 10:00	754.42	0
320966	3/15/2024 21:25	3/16/2024 10:00	754.2	0
801004	3/15/2024 21:25	3/16/2024 10:00	754.42	0
1511251	3/15/2024 21:25	3/16/2024 10:00	754.75	0
1325985	3/15/2024 21:25	3/16/2024 10:00	754.27	0
183822	3/15/2024 21:25	3/16/2024 10:00	754.2	0
865262	3/15/2024 21:25	3/16/2024 10:00	754.42	0
1515678	3/15/2024 21:26	3/16/2024 10:00	753.75	0
1363415	3/15/2024 21:26	3/16/2024 10:00	753.27	0
1355611	3/15/2024 21:26	3/16/2024 8:22	656	0
1469866	3/15/2024 21:26	3/16/2024 10:00	753.75	0
916441	3/15/2024 21:26	3/16/2024 10:00	753.42	0
1511532	3/15/2024 21:26	3/16/2024 10:00	753.75	0
56196	3/15/2024 21:26	3/16/2024 10:00	753.2	0
1515964	3/15/2024 21:26	3/16/2024 10:00	753.75	0
1471584	3/15/2024 21:26	3/16/2024 10:00	753.75	0
1602630	3/15/2024 21:26	3/16/2024 10:00	753.75	0
1310926	3/15/2024 21:26	3/16/2024 10:00	753.27	0
1470854	3/15/2024 21:26	3/16/2024 10:00	753.75	0
1573666	3/15/2024 21:26	3/16/2024 10:00	753.75	0
6583289	3/15/2024 21:27	3/16/2024 10:00	752.2	0
860934	3/15/2024 21:27	3/16/2024 10:00	752.42	0
353728	3/15/2024 21:27	3/16/2024 0:31	184	0
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859747	3/15/2024 21:28	3/16/2024 10:00	751.42	0
1417138	3/15/2024 21:28	3/16/2024 9:38	730	0
861053	3/15/2024 21:28	3/16/2024 10:00	751.42	0
1416360	3/15/2024 21:29	3/16/2024 10:00	750.27	0
1493132	3/15/2024 21:29	3/16/2024 8:46	677	0
1377303	3/15/2024 21:29	3/16/2024 10:00	750.27	0
660265	3/15/2024 21:29	3/16/2024 10:00	750.42	0
6714863	3/15/2024 21:29	3/16/2024 10:00	750.42	0
1539391	3/15/2024 21:29	3/16/2024 10:00	750.75	0
1375642	3/15/2024 21:30	3/16/2024 10:00	749.27	0
1394543	3/15/2024 21:30	3/16/2024 10:00	749.27	0
1394324	3/15/2024 21:31	3/16/2024 9:50	739	0
729928	3/15/2024 21:31	3/16/2024 10:00	748.42	0
9063373	3/15/2024 21:32	3/16/2024 9:47	735	0
1517291	3/15/2024 21:35	3/16/2024 10:00	744.75	0

449377	3/15/2024 21:36	3/15/2024 22:45	69	0
1565203	3/15/2024 21:55	3/16/2024 10:00	724.75	0
664030	3/15/2024 22:31	3/16/2024 10:00	688.42	0
1494722	3/15/2024 22:38	3/16/2024 10:00	681.27	0
449377	3/15/2024 22:45	3/15/2024 23:17	32	0
1041597	3/15/2024 22:53	3/16/2024 10:00	666	0
449377	3/15/2024 23:17	3/16/2024 1:38	141	0
353728	3/16/2024 0:31	3/16/2024 10:00	568.2	0
449377	3/16/2024 1:38	3/16/2024 2:36	58	0
449377	3/16/2024 2:36	3/16/2024 3:12	36	0
449377	3/16/2024 3:12	3/16/2024 3:18	6	0
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449377	3/16/2024 4:26	3/16/2024 5:13	47	0
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449377	3/16/2024 5:55	3/16/2024 6:32	37	0
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449377	3/16/2024 7:03	3/16/2024 7:25	22	0
449377	3/16/2024 7:25	3/16/2024 7:35	10	0
449377	3/16/2024 7:35	3/16/2024 8:12	37	0
1267978	3/16/2024 7:51	3/16/2024 10:00	128	0
1321750	3/16/2024 7:58	3/16/2024 10:00	121.27	0
1313814	3/16/2024 7:59	3/16/2024 10:00	120.27	0
1316395	3/16/2024 8:11	3/16/2024 10:00	108.27	0
1321663	3/16/2024 8:12	3/16/2024 10:00	107.27	0
449377	3/16/2024 8:12	3/16/2024 8:43	31	0
1321114	3/16/2024 8:12	3/16/2024 10:00	107.27	0
1701172	3/16/2024 8:13	3/16/2024 9:00	47	0
2032900	3/16/2024 8:13	3/16/2024 9:01	48	0
1320845	3/16/2024 8:15	3/16/2024 8:57	42	0
1320646	3/16/2024 8:15	3/16/2024 10:00	104.27	0
1320619	3/16/2024 8:17	3/16/2024 10:00	102.27	0
324290	3/16/2024 8:19	3/16/2024 10:00	100.2	0
1093722	3/16/2024 8:20	3/16/2024 10:00	99.8	0
1355611	3/16/2024 8:22	3/16/2024 10:00	97.27	0
1503739	3/16/2024 8:31	3/16/2024 10:00	88	0
980870	3/16/2024 8:32	3/16/2024 8:48	16	0
449377	3/16/2024 8:43	3/16/2024 9:25	42	0
1493132	3/16/2024 8:46	3/16/2024 10:00	73.27	0
980870	3/16/2024 8:48	3/16/2024 10:00	71	0
1320845	3/16/2024 8:57	3/16/2024 10:00	62.27	0
1701172	3/16/2024 9:00	3/16/2024 10:00	59.27	0
2032900	3/16/2024 9:01	3/16/2024 10:00	58.27	0
539938	3/16/2024 9:05	3/16/2024 10:00	54.8	0
663982	3/16/2024 9:09	3/16/2024 9:14	5	0
663982	3/16/2024 9:14	3/16/2024 9:40	26	0

980398	3/16/2024 9:17	3/16/2024 10:00	42	0
449377	3/16/2024 9:25	3/16/2024 9:41	16	0
304295	3/16/2024 9:28	3/16/2024 10:00	31.2	0
1321605	3/16/2024 9:30	3/16/2024 10:00	29.27	0
10433250	3/16/2024 9:30	3/16/2024 10:00	29.27	0
1362130	3/16/2024 9:38	3/16/2024 10:00	21.27	0
1417138	3/16/2024 9:38	3/16/2024 10:00	21.27	0
664453	3/16/2024 9:39	3/16/2024 10:00	20.42	0
1361528	3/16/2024 9:39	3/16/2024 10:00	20.27	0
663982	3/16/2024 9:40	3/16/2024 9:46	6	0
1363588	3/16/2024 9:41	3/16/2024 10:00	18.27	0
449377	3/16/2024 9:41	3/16/2024 10:00	18.8	0
663982	3/16/2024 9:46	3/16/2024 9:57	11	0
1320008	3/16/2024 9:46	3/16/2024 10:00	13.27	0
9063373	3/16/2024 9:47	3/16/2024 10:00	12.27	0
1394324	3/16/2024 9:50	3/16/2024 10:00	9.27	0
1430294	3/16/2024 9:51	3/16/2024 10:00	8.75	0
1362646	3/16/2024 9:52	3/16/2024 9:57	5	0
1361770	3/16/2024 9:54	3/16/2024 10:00	5.27	0
552210	3/16/2024 9:55	3/16/2024 10:00	4.8	0
1445317	3/16/2024 9:55	3/16/2024 10:00	4.75	0
1362646	3/16/2024 9:57	3/16/2024 10:00	2.27	0
663982	3/16/2024 9:57	3/16/2024 10:00	2.42	0
1272457	3/16/2024 9:58	3/16/2024 10:00	1.27	0
1299632	3/16/2024 9:58	3/16/2024 10:00	1.27	0
25066	3/16/2024 10:00	3/17/2024 10:00	1439.2	0
1418462	3/16/2024 10:00	3/17/2024 10:00	1439.27	0
353728	3/16/2024 10:00	3/16/2024 13:28	208	0
1587793	3/16/2024 10:00	3/17/2024 10:00	1439.75	0
740241	3/16/2024 10:00	3/16/2024 14:06	246	0
1672784	3/16/2024 10:00	3/17/2024 10:00	1439.8	0.26
1503739	3/16/2024 10:00	3/16/2024 11:30	90	0.03
1314993	3/16/2024 10:00	3/16/2024 21:12	672	2.5
562202	3/16/2024 10:00	3/17/2024 10:00	1439.8	0
675499	3/16/2024 10:00	3/17/2024 10:00	1439.42	0
1453263	3/16/2024 10:00	3/16/2024 13:56	236	0
1516579	3/16/2024 10:00	3/17/2024 10:00	1439.75	0
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664030	3/16/2024 10:00	3/17/2024 10:00	1439.42	0
1313814	3/16/2024 10:00	3/16/2024 21:12	672	0
47769	3/16/2024 10:00	3/16/2024 21:19	679	0.57
1190246	3/16/2024 10:00	3/17/2024 10:00	1439.27	0
953854	3/16/2024 10:00	3/17/2024 10:00	1439	0.01
8724096	3/16/2024 10:00	3/17/2024 10:00	1439.27	0
49209	3/16/2024 10:00	3/16/2024 21:25	685	0
8524544	3/16/2024 10:00	3/17/2024 10:00	1439.2	0
7879030	3/16/2024 10:00	3/17/2024 10:00	1439.8	0

1513541	3/16/2024 10:00	3/17/2024 10:00	1439.75	0
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1394324	3/16/2024 10:00	3/16/2024 11:51	111	0
9063373	3/16/2024 10:00	3/16/2024 11:48	108	0
303811	3/16/2024 10:00	3/16/2024 21:27	687	0
1416360	3/16/2024 10:00	3/16/2024 21:29	689	0
96751	3/16/2024 10:00	3/17/2024 10:00	1439.2	0
1319739	3/16/2024 10:00	3/17/2024 10:00	1439.27	0
345752	3/16/2024 10:00	3/17/2024 10:00	1439.2	0
1422300	3/16/2024 10:00	3/17/2024 10:00	1439.27	0
574993	3/16/2024 10:00	3/16/2024 14:33	273	0
10714479	3/16/2024 10:00	3/17/2024 10:00	1439.75	0
1415828	3/16/2024 10:00	3/16/2024 21:20	680	0
554089	3/16/2024 10:00	3/17/2024 10:00	1439.8	0
1352388	3/16/2024 10:00	3/17/2024 10:00	1439.27	0
1377303	3/16/2024 10:00	3/16/2024 21:28	688	0
1414392	3/16/2024 10:00	3/16/2024 21:25	685	0.1
10222019	3/16/2024 10:00	3/17/2024 10:00	1439.27	0
8910809	3/16/2024 10:00	3/17/2024 10:00	1439.8	0
447406	3/16/2024 10:00	3/17/2024 10:00	1439.8	0
1516786	3/16/2024 10:00	3/16/2024 11:41	101	0
636274	3/16/2024 10:00	3/17/2024 10:00	1439.8	0
1450250	3/16/2024 10:01	3/16/2024 12:23	142	0
54382	3/16/2024 10:01	3/17/2024 10:00	1438.2	0
7937779	3/16/2024 10:06	3/16/2024 11:46	100	0
8950281	3/16/2024 10:06	3/16/2024 14:18	252	0
202435	3/16/2024 10:07	3/17/2024 10:00	1432.2	0
1588365	3/16/2024 10:07	3/17/2024 10:00	1432.75	0
1362646	3/16/2024 10:07	3/16/2024 11:00	53	0
441757	3/16/2024 10:07	3/17/2024 10:00	1432.8	0
1368580	3/16/2024 10:07	3/17/2024 10:00	1432.27	0
10433250	3/16/2024 10:07	3/16/2024 11:47	100	0
711121	3/16/2024 10:07	3/17/2024 10:00	1432.42	0
663982	3/16/2024 10:07	3/16/2024 11:10	63	0
1701172	3/16/2024 10:08	3/16/2024 15:44	336	0
253877	3/16/2024 10:08	3/17/2024 10:00	1431.2	0
1366197	3/16/2024 10:08	3/17/2024 10:00	1431.27	0
642003	3/16/2024 10:08	3/16/2024 21:31	683	0
1288420	3/16/2024 10:08	3/16/2024 14:56	288	0
1363588	3/16/2024 10:08	3/16/2024 11:42	94	0.41
1518000	3/16/2024 10:09	3/16/2024 11:54	105	0
552210	3/16/2024 10:10	3/16/2024 14:22	252	0
1362130	3/16/2024 10:10	3/16/2024 11:39	89	0
1445317	3/16/2024 10:10	3/16/2024 21:23	673	0.24
1361770	3/16/2024 10:10	3/16/2024 11:39	89	0.4
1393633	3/16/2024 10:10	3/16/2024 11:45	95	1.54
1511264	3/16/2024 10:11	3/16/2024 21:23	672	0.18

1361528	3/16/2024 10:11	3/16/2024 11:40	89	0
1316395	3/16/2024 10:12	3/16/2024 21:14	662	0
1511251	3/16/2024 10:12	3/16/2024 21:24	672	0
664453	3/16/2024 10:12	3/16/2024 11:54	102	0
1700586	3/16/2024 10:13	3/16/2024 14:15	242	0
1321114	3/16/2024 10:13	3/16/2024 14:46	273	0
1321663	3/16/2024 10:13	3/16/2024 21:15	662	0
1320619	3/16/2024 10:13	3/16/2024 14:45	272	0
1299632	3/16/2024 10:14	3/16/2024 14:15	241	0
2032900	3/16/2024 10:14	3/16/2024 21:16	662	0.14
1321750	3/16/2024 10:15	3/16/2024 21:16	661	0
1393699	3/16/2024 10:15	3/16/2024 11:44	89	0.43
980132	3/16/2024 10:15	3/16/2024 11:33	78	0
416557	3/16/2024 10:15	3/16/2024 21:17	662	0
1494722	3/16/2024 10:16	3/16/2024 11:46	90	0.76
264379	3/16/2024 10:16	3/16/2024 11:35	79	0
1320845	3/16/2024 10:16	3/16/2024 21:13	657	1.54
449036	3/16/2024 10:17	3/16/2024 21:19	662	1.16
1321605	3/16/2024 10:17	3/16/2024 21:08	651	2.88
979888	3/16/2024 10:17	3/16/2024 11:31	74	0
1320646	3/16/2024 10:17	3/16/2024 14:48	271	0.66
1430294	3/16/2024 10:17	3/16/2024 21:19	662	0.68
1554218	3/16/2024 10:18	3/16/2024 14:35	257	1.5
56196	3/16/2024 10:18	3/16/2024 14:19	241	1.35
982261	3/16/2024 10:18	3/16/2024 11:32	74	0.28
449377	3/16/2024 10:18	3/16/2024 11:37	79	0
1515964	3/16/2024 10:18	3/16/2024 21:24	666	0.83
1556434	3/16/2024 10:21	3/16/2024 14:33	252	0.06
1093722	3/16/2024 10:21	3/16/2024 11:35	74	0
574596	3/16/2024 10:21	3/16/2024 14:31	250	0
511266	3/16/2024 10:21	3/16/2024 14:07	226	0
980398	3/16/2024 10:21	3/16/2024 11:33	72	0
510307	3/16/2024 10:21	3/16/2024 14:12	231	0.39
1556486	3/16/2024 10:22	3/16/2024 14:34	252	0.7
1268231	3/16/2024 10:22	3/16/2024 14:21	239	0
1511532	3/16/2024 10:23	3/16/2024 21:25	662	1.98
12376755	3/16/2024 10:23	3/16/2024 14:08	225	1.22
1355611	3/16/2024 10:23	3/16/2024 11:37	74	0
1307027	3/16/2024 10:23	3/16/2024 14:09	226	0
1446401	3/16/2024 10:23	3/16/2024 20:28	605	0.97
601397	3/16/2024 10:23	3/16/2024 21:24	661	0
507365	3/16/2024 10:23	3/16/2024 14:09	226	0
539938	3/16/2024 10:24	3/16/2024 20:28	604	0
658658	3/16/2024 10:24	3/16/2024 11:58	94	0
1508563	3/16/2024 10:24	3/16/2024 21:20	656	1.41
8486022	3/16/2024 10:25	3/16/2024 20:29	604	0
1267978	3/16/2024 10:25	3/16/2024 14:21	236	0

6714863	3/16/2024 10:26	3/16/2024 21:22	656	0.25
656343	3/16/2024 10:26	3/16/2024 11:55	89	0.4
790670	3/16/2024 10:26	3/16/2024 21:19	653	1.7
793285	3/16/2024 10:27	3/16/2024 21:16	649	1.93
1576533	3/16/2024 10:30	3/16/2024 20:36	606	1.2
454372	3/16/2024 10:32	3/17/2024 10:00	1407.8	0
314188	3/16/2024 10:33	3/16/2024 14:19	226	0
315169	3/16/2024 10:33	3/16/2024 14:18	225	0
315730	3/16/2024 10:33	3/16/2024 14:19	226	2.5
1513398	3/16/2024 10:33	3/16/2024 21:19	646	0
1417138	3/16/2024 10:36	3/16/2024 11:39	63	0
1664433	3/16/2024 10:37	3/16/2024 12:06	89	0
1465391	3/16/2024 10:39	3/16/2024 21:20	641	0.85
555654	3/16/2024 10:39	3/16/2024 11:27	48	0
1466357	3/16/2024 10:39	3/16/2024 21:24	645	0
954332	3/16/2024 10:42	3/16/2024 21:16	634	0.93
954637	3/16/2024 10:43	3/16/2024 21:10	627	0.18
1320008	3/16/2024 10:43	3/16/2024 21:13	630	1.98
353082	3/16/2024 10:43	3/16/2024 21:24	641	1.67
353651	3/16/2024 10:43	3/16/2024 21:18	635	0
955448	3/16/2024 10:44	3/16/2024 11:57	73	0
957615	3/16/2024 10:44	3/16/2024 11:57	73	0
957216	3/16/2024 10:44	3/16/2024 11:58	74	0
8495802	3/16/2024 10:46	3/16/2024 21:22	636	3.95
1514004	3/16/2024 10:46	3/16/2024 21:21	635	0.87
588892	3/16/2024 10:46	3/17/2024 10:00	1393.8	0
1565203	3/16/2024 10:46	3/16/2024 11:43	57	0
1604432	3/16/2024 10:47	3/16/2024 11:51	64	0.42
1515678	3/16/2024 10:49	3/16/2024 21:29	640	0.31
324290	3/16/2024 10:51	3/16/2024 14:21	210	0
646026	3/16/2024 10:52	3/16/2024 11:40	48	0
325050	3/16/2024 10:54	3/16/2024 14:24	210	0
1310926	3/16/2024 10:54	3/16/2024 14:09	195	1.13
1517747	3/16/2024 10:54	3/16/2024 14:09	195	0.07
1309098	3/16/2024 10:54	3/16/2024 14:08	194	2.03
1516432	3/16/2024 10:55	3/16/2024 14:10	195	0.1
564518	3/16/2024 10:55	3/16/2024 11:42	47	0
1516997	3/16/2024 10:56	3/16/2024 14:07	191	0.15
7533405	3/16/2024 10:57	3/16/2024 12:00	63	0.1
304345	3/16/2024 10:57	3/16/2024 21:24	627	0
304845	3/16/2024 10:59	3/16/2024 21:29	630	0
5212517	3/16/2024 11:00	3/16/2024 21:25	625	1.11
1362646	3/16/2024 11:00	3/16/2024 11:10	10	0
645339	3/16/2024 11:00	3/16/2024 11:37	37	0.1
304785	3/16/2024 11:00	3/16/2024 21:25	625	0.74
1654064	3/16/2024 11:00	3/16/2024 21:09	609	0.14
303030	3/16/2024 11:00	3/16/2024 14:46	226	1.31

1672745	3/16/2024 11:02	3/16/2024 21:21	619	0
304295	3/16/2024 11:02	3/16/2024 21:29	627	0
1599209	3/16/2024 11:03	3/16/2024 11:14	11	0
1307575	3/16/2024 11:06	3/16/2024 14:10	184	0.45
1362646	3/16/2024 11:10	3/16/2024 11:16	6	0
663982	3/16/2024 11:10	3/16/2024 11:15	5	0
1311232	3/16/2024 11:11	3/16/2024 14:10	179	0
1385431	3/16/2024 11:12	3/16/2024 21:22	610	2.01
127206	3/16/2024 11:12	3/17/2024 10:00	1367.2	0
1493766	3/16/2024 11:13	3/16/2024 21:22	609	0
1599209	3/16/2024 11:14	3/16/2024 21:17	603	0
663982	3/16/2024 11:15	3/16/2024 11:26	11	0
1514256	3/16/2024 11:16	3/16/2024 21:24	608	1.33
1362646	3/16/2024 11:16	3/16/2024 11:26	10	0
265473	3/16/2024 11:19	3/16/2024 11:35	16	0
51483	3/16/2024 11:19	3/16/2024 14:17	178	1.01
1092960	3/16/2024 11:23	3/16/2024 14:26	183	0
660265	3/16/2024 11:24	3/16/2024 21:19	595	1.16
663982	3/16/2024 11:26	3/16/2024 11:31	5	0
553755	3/16/2024 11:26	3/16/2024 14:24	178	1.67
1362646	3/16/2024 11:26	3/16/2024 11:31	5	0
555654	3/16/2024 11:27	3/16/2024 21:20	593	0.25
981933	3/16/2024 11:29	3/16/2024 16:03	274	0
328113	3/16/2024 11:30	3/16/2024 12:59	89	0
1503739	3/16/2024 11:30	3/16/2024 16:03	273	1
980870	3/16/2024 11:31	3/16/2024 16:04	273	0
1362646	3/16/2024 11:31	3/16/2024 11:37	6	0
979888	3/16/2024 11:31	3/16/2024 16:04	273	0
663982	3/16/2024 11:31	3/16/2024 11:57	26	0
982261	3/16/2024 11:32	3/16/2024 16:05	273	2.14
980132	3/16/2024 11:33	3/16/2024 13:03	90	0
980398	3/16/2024 11:33	3/16/2024 16:02	269	0
1539391	3/16/2024 11:34	3/17/2024 10:00	1345.75	0.04
265473	3/16/2024 11:35	3/16/2024 11:51	16	0
264379	3/16/2024 11:35	3/16/2024 11:51	16	0
1093722	3/16/2024 11:35	3/16/2024 13:41	126	0
1538577	3/16/2024 11:37	3/17/2024 10:00	1342.75	0.02
645339	3/16/2024 11:37	3/16/2024 11:52	15	0.06
449377	3/16/2024 11:37	3/16/2024 12:24	47	0
1355611	3/16/2024 11:37	3/16/2024 13:11	94	0
1362646	3/16/2024 11:37	3/16/2024 11:42	5	0
1515733	3/16/2024 11:38	3/16/2024 12:40	62	0.22
1362130	3/16/2024 11:39	3/16/2024 13:08	89	0
1417138	3/16/2024 11:39	3/16/2024 14:38	179	0
1361770	3/16/2024 11:39	3/16/2024 13:08	89	0.66
1312460	3/16/2024 11:40	3/16/2024 12:28	48	0
1361528	3/16/2024 11:40	3/16/2024 13:09	89	0

646026	3/16/2024 11:40	3/16/2024 11:55	15	0
1516786	3/16/2024 11:41	3/16/2024 12:44	63	0.52
564518	3/16/2024 11:42	3/16/2024 14:41	179	0
1363588	3/16/2024 11:42	3/16/2024 13:11	89	0.78
553863	3/16/2024 11:42	3/16/2024 14:41	179	0.68
1362646	3/16/2024 11:42	3/16/2024 13:37	115	0
1565203	3/16/2024 11:43	3/16/2024 14:31	168	0.56
1393699	3/16/2024 11:44	3/16/2024 12:00	16	0
6828301	3/16/2024 11:45	3/16/2024 13:00	75	0
8621797	3/16/2024 11:45	3/16/2024 21:28	583	5.37
1493132	3/16/2024 11:45	3/16/2024 14:27	162	2.04
1393633	3/16/2024 11:45	3/16/2024 11:55	10	0.17
7937779	3/16/2024 11:46	3/16/2024 14:29	163	0
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10433250	3/16/2024 11:47	3/16/2024 21:15	568	0.87
428411	3/16/2024 11:47	3/16/2024 21:24	577	0.76
1020565	3/16/2024 11:47	3/16/2024 12:34	47	0.14
9063373	3/16/2024 11:48	3/16/2024 12:19	31	0
1604432	3/16/2024 11:51	3/16/2024 12:33	42	0.23
1394324	3/16/2024 11:51	3/16/2024 12:22	31	0
265473	3/16/2024 11:51	3/16/2024 12:06	15	0
264379	3/16/2024 11:51	3/16/2024 12:06	15	0
645339	3/16/2024 11:52	3/16/2024 12:40	48	0.29
1518000	3/16/2024 11:54	3/16/2024 12:42	48	0.03
664453	3/16/2024 11:54	3/16/2024 12:10	16	0
1393633	3/16/2024 11:55	3/16/2024 14:43	168	0.82
656343	3/16/2024 11:55	3/16/2024 12:11	16	0.06
646026	3/16/2024 11:55	3/16/2024 12:06	11	0
663982	3/16/2024 11:57	3/16/2024 12:02	5	0
955448	3/16/2024 11:57	3/16/2024 12:13	16	0
957615	3/16/2024 11:57	3/16/2024 12:13	16	0
658658	3/16/2024 11:58	3/16/2024 12:15	17	0
957216	3/16/2024 11:58	3/16/2024 12:14	16	0
7533405	3/16/2024 12:00	3/16/2024 14:44	164	0.01
1393699	3/16/2024 12:00	3/16/2024 14:59	179	0.48
1494722	3/16/2024 12:01	3/16/2024 15:00	179	0.7
663982	3/16/2024 12:02	3/16/2024 12:13	11	0
265473	3/16/2024 12:06	3/17/2024 10:00	1313.2	0
204963	3/16/2024 12:06	3/17/2024 10:00	1313.2	0
264379	3/16/2024 12:06	3/17/2024 10:00	1313.2	0
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1664433	3/16/2024 12:06	3/16/2024 16:06	240	0
204700	3/16/2024 12:07	3/17/2024 10:00	1312.2	0
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1543009	3/16/2024 12:07	3/16/2024 14:07	120	0
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314564	3/16/2024 12:09	3/16/2024 12:40	31	0.07
664453	3/16/2024 12:10	3/16/2024 14:11	121	0
315604	3/16/2024 12:10	3/16/2024 12:41	31	0.05
315380	3/16/2024 12:10	3/16/2024 12:42	32	0.04
313954	3/16/2024 12:11	3/16/2024 12:43	32	0.04
313731	3/16/2024 12:11	3/16/2024 12:42	31	0.04
656343	3/16/2024 12:11	3/16/2024 14:43	152	0.15
8206792	3/16/2024 12:11	3/16/2024 12:27	16	0
955448	3/16/2024 12:13	3/16/2024 21:14	541	0
663982	3/16/2024 12:13	3/16/2024 12:18	5	0
957615	3/16/2024 12:13	3/16/2024 14:45	152	0
957216	3/16/2024 12:14	3/16/2024 21:20	546	0
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1394442	3/16/2024 12:18	3/16/2024 13:37	79	0
663982	3/16/2024 12:18	3/16/2024 12:28	10	0
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1450250	3/16/2024 12:23	3/16/2024 21:24	541	0.83
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8206792	3/16/2024 12:27	3/16/2024 21:22	535	0
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1312460	3/16/2024 12:28	3/17/2024 10:00	1291.27	0
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1604432	3/16/2024 12:33	3/16/2024 14:19	106	0.13
663982	3/16/2024 12:34	3/16/2024 13:26	52	0
1020565	3/16/2024 12:34	3/16/2024 13:06	32	0.03
1550545	3/16/2024 12:34	3/16/2024 14:35	121	0.01
1550546	3/16/2024 12:34	3/16/2024 14:34	120	0.01
8627374	3/16/2024 12:38	3/16/2024 13:41	63	0
314163	3/16/2024 12:39	3/16/2024 13:42	63	0
10371797	3/16/2024 12:39	3/16/2024 13:42	63	0.03
1517239	3/16/2024 12:39	3/16/2024 14:08	89	0
1441767	3/16/2024 12:39	3/16/2024 13:37	58	0.02
314564	3/16/2024 12:40	3/16/2024 13:43	63	0.13
645339	3/16/2024 12:40	3/16/2024 14:57	137	0.04
1515733	3/16/2024 12:40	3/16/2024 14:10	90	0.02
348007	3/16/2024 12:40	3/16/2024 14:41	121	0
315604	3/16/2024 12:41	3/16/2024 13:44	63	0
1517291	3/16/2024 12:41	3/16/2024 14:11	90	0
1441766	3/16/2024 12:41	3/16/2024 13:39	58	0.02
315380	3/16/2024 12:42	3/16/2024 13:39	57	0
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345427	3/16/2024 12:42	3/16/2024 14:43	121	0

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313954	3/16/2024 12:43	3/16/2024 13:40	57	0.09
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6828301	3/16/2024 13:00	3/17/2024 10:00	1259.2	0
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980132	3/16/2024 13:03	3/16/2024 16:01	178	0
1020565	3/16/2024 13:06	3/16/2024 13:22	16	0.23
1361770	3/16/2024 13:08	3/16/2024 14:11	63	0.1
1362130	3/16/2024 13:08	3/16/2024 14:11	63	0
1361528	3/16/2024 13:09	3/16/2024 14:12	63	0
1363588	3/16/2024 13:11	3/16/2024 14:09	58	0.19
1355611	3/16/2024 13:11	3/16/2024 13:37	26	0
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353728	3/16/2024 13:28	3/17/2024 9:20	1192	0
1025292	3/16/2024 13:29	3/16/2024 14:27	58	0
663982	3/16/2024 13:31	3/16/2024 13:42	11	0
1394467	3/16/2024 13:35	3/16/2024 21:22	467	0
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1394442	3/16/2024 13:37	3/16/2024 21:19	462	0
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1362646	3/16/2024 13:37	3/16/2024 13:43	6	0
1441767	3/16/2024 13:37	3/16/2024 14:08	31	0.02
315380	3/16/2024 13:39	3/16/2024 14:11	32	0
1441766	3/16/2024 13:39	3/16/2024 14:10	31	0.03
313954	3/16/2024 13:40	3/16/2024 14:12	32	0.04
313731	3/16/2024 13:40	3/16/2024 14:11	31	0.07
8627374	3/16/2024 13:41	3/16/2024 14:07	26	0
1093722	3/16/2024 13:41	3/16/2024 14:23	42	0
188843	3/16/2024 13:41	3/17/2024 10:00	1218.2	0
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314163	3/16/2024 13:42	3/16/2024 14:13	31	0
663982	3/16/2024 13:42	3/16/2024 13:47	5	0
317233	3/16/2024 13:42	3/16/2024 14:14	32	0
1362646	3/16/2024 13:43	3/16/2024 13:53	10	0
188789	3/16/2024 13:43	3/17/2024 10:00	1216.2	0
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317797	3/16/2024 13:44	3/16/2024 14:10	26	0
315604	3/16/2024 13:44	3/16/2024 14:10	26	0.01
1343695	3/16/2024 13:46	3/17/2024 10:00	1213.27	0

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663982	3/16/2024 13:58	3/16/2024 14:03	5	0
449377	3/16/2024 13:58	3/16/2024 15:01	63	0
663982	3/16/2024 14:03	3/16/2024 14:09	6	0
740241	3/16/2024 14:06	3/16/2024 14:22	16	0
1516997	3/16/2024 14:07	3/16/2024 14:39	32	0.15
1543009	3/16/2024 14:07	3/16/2024 14:34	27	0
510522	3/16/2024 14:07	3/16/2024 14:23	16	0
8627374	3/16/2024 14:07	3/16/2024 14:39	32	0
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1309098	3/16/2024 14:08	3/16/2024 15:37	89	0.23
1441767	3/16/2024 14:08	3/16/2024 14:40	32	0.05
509102	3/16/2024 14:09	3/16/2024 14:25	16	0
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1362646	3/16/2024 14:09	3/16/2024 14:14	5	0
1517747	3/16/2024 14:09	3/16/2024 14:40	31	0.12
314564	3/16/2024 14:09	3/16/2024 14:25	16	0.07
1310926	3/16/2024 14:09	3/16/2024 15:38	89	0
1307027	3/16/2024 14:09	3/16/2024 14:52	43	0
507365	3/16/2024 14:09	3/16/2024 14:25	16	0
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317797	3/16/2024 14:10	3/16/2024 14:26	16	0
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1516432	3/16/2024 14:10	3/16/2024 14:40	30	0.04
975066	3/16/2024 14:10	3/16/2024 14:26	16	0
315604	3/16/2024 14:10	3/16/2024 14:26	16	0
1441766	3/16/2024 14:10	3/16/2024 14:41	31	0.08
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315380	3/16/2024 14:11	3/16/2024 14:26	15	0
313731	3/16/2024 14:11	3/16/2024 14:28	17	0.15
664453	3/16/2024 14:11	3/16/2024 14:26	15	0
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1362130	3/16/2024 14:11	3/16/2024 14:27	16	0
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313954	3/16/2024 14:12	3/16/2024 14:27	15	0
1361528	3/16/2024 14:12	3/16/2024 14:23	11	0
663982	3/16/2024 14:13	3/16/2024 14:24	11	0

314163	3/16/2024 14:13	3/16/2024 14:29	16	0
10371797	3/16/2024 14:13	3/16/2024 14:24	11	0.05
317233	3/16/2024 14:14	3/16/2024 14:29	15	0.01
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315169	3/16/2024 14:18	3/16/2024 14:50	32	0
56060	3/16/2024 14:18	3/17/2024 10:00	1181.2	0
8950281	3/16/2024 14:18	3/16/2024 14:33	15	0
314188	3/16/2024 14:19	3/16/2024 14:50	31	0
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315730	3/16/2024 14:19	3/16/2024 14:50	31	0.22
56196	3/16/2024 14:19	3/16/2024 15:01	42	0
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800600	3/16/2024 14:22	3/16/2024 14:53	31	0
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10371797	3/16/2024 14:24	3/16/2024 14:40	16	0.07
1517239	3/16/2024 14:24	3/16/2024 14:39	15	0
663982	3/16/2024 14:24	3/16/2024 14:29	5	0
324045	3/16/2024 14:25	3/16/2024 14:35	10	0
1355611	3/16/2024 14:25	3/16/2024 14:41	16	0
507365	3/16/2024 14:25	3/16/2024 14:41	16	0
1362646	3/16/2024 14:25	3/16/2024 14:30	5	0
511223	3/16/2024 14:25	3/16/2024 14:36	11	0
314564	3/16/2024 14:25	3/16/2024 14:40	15	0.18
1363588	3/16/2024 14:25	3/16/2024 14:41	16	0.25
509102	3/16/2024 14:25	3/16/2024 14:40	15	0
315380	3/16/2024 14:26	3/16/2024 14:43	17	0
317797	3/16/2024 14:26	3/16/2024 14:41	15	0
975066	3/16/2024 14:26	3/16/2024 14:41	15	0

664453	3/16/2024 14:26	3/16/2024 14:42	16	0
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562856	3/16/2024 14:26	3/16/2024 14:42	16	0
315604	3/16/2024 14:26	3/16/2024 14:42	16	0
1493132	3/16/2024 14:27	3/16/2024 14:43	16	0.41
1517291	3/16/2024 14:27	3/16/2024 14:38	11	0
1362130	3/16/2024 14:27	3/16/2024 14:37	10	0
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1457350	3/16/2024 14:27	3/17/2024 10:00	1172.75	0
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1591422	3/16/2024 14:28	3/16/2024 14:34	6	0
313731	3/16/2024 14:28	3/16/2024 14:43	15	0.07
7937779	3/16/2024 14:29	3/16/2024 14:45	16	0
663982	3/16/2024 14:29	3/16/2024 14:40	11	0
317233	3/16/2024 14:29	3/16/2024 14:40	11	0.02
314163	3/16/2024 14:29	3/16/2024 14:40	11	0
1362646	3/16/2024 14:30	3/16/2024 14:40	10	0
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1259644	3/16/2024 14:31	3/16/2024 21:20	409	0
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1556243	3/16/2024 14:32	3/16/2024 14:48	16	0
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1375642	3/16/2024 14:32	3/16/2024 14:43	11	0
1552699	3/16/2024 14:33	3/16/2024 21:23	410	0.03
574993	3/16/2024 14:33	3/16/2024 14:49	16	0
8950281	3/16/2024 14:33	3/16/2024 15:05	32	0
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1591422	3/16/2024 14:34	3/16/2024 15:47	73	0
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1550546	3/16/2024 14:34	3/16/2024 21:24	410	0
1556486	3/16/2024 14:34	3/16/2024 14:49	15	0.12
1333801	3/16/2024 14:34	3/17/2024 10:00	1165.27	0
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324045	3/16/2024 14:35	3/16/2024 21:30	415	0.04

1552977	3/16/2024 14:35	3/16/2024 21:24	409	0
1550545	3/16/2024 14:35	3/16/2024 21:24	409	0.05
1431804	3/16/2024 14:35	3/16/2024 14:50	15	0
1554218	3/16/2024 14:35	3/16/2024 14:51	16	0.03
1268231	3/16/2024 14:36	3/16/2024 21:17	401	0.31
9063373	3/16/2024 14:36	3/16/2024 21:26	410	0
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324290	3/16/2024 14:37	3/16/2024 21:21	404	0
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1361528	3/16/2024 14:38	3/16/2024 21:18	400	0
740241	3/16/2024 14:38	3/16/2024 21:13	395	0
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316630	3/16/2024 14:39	3/16/2024 21:29	410	0.18
510522	3/16/2024 14:39	3/16/2024 21:18	399	0
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8627374	3/16/2024 14:39	3/16/2024 21:23	404	0
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1517747	3/16/2024 14:40	3/16/2024 21:30	410	2.58
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1362646	3/16/2024 14:40	3/16/2024 14:46	6	0
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663982	3/16/2024 14:40	3/16/2024 14:45	5	0
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975032	3/16/2024 14:40	3/17/2024 10:00	1159	0
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1516432	3/16/2024 14:40	3/16/2024 21:20	400	0.1
325050	3/16/2024 14:40	3/16/2024 21:24	404	0
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1441766	3/16/2024 14:41	3/16/2024 21:26	405	0.41
507365	3/16/2024 14:41	3/16/2024 21:20	399	0

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564518	3/16/2024 14:41	3/16/2024 21:25	404	0
1363588	3/16/2024 14:41	3/16/2024 21:14	393	0.3
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348007	3/16/2024 14:41	3/16/2024 21:25	404	0
1092960	3/16/2024 14:42	3/16/2024 21:16	394	0
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664453	3/16/2024 14:42	3/16/2024 21:21	399	0
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1453263	3/16/2024 14:43	3/16/2024 21:22	399	0
345427	3/16/2024 14:43	3/16/2024 21:27	404	0
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1375642	3/16/2024 14:43	3/16/2024 21:27	404	0
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313954	3/16/2024 14:43	3/16/2024 21:27	404	0
656343	3/16/2024 14:43	3/16/2024 21:20	397	0.38
315380	3/16/2024 14:43	3/16/2024 21:27	404	0
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1393633	3/16/2024 14:43	3/16/2024 17:16	153	0.62
313731	3/16/2024 14:43	3/16/2024 21:27	404	0.32
342796	3/16/2024 14:44	3/16/2024 21:18	394	0
345941	3/16/2024 14:44	3/16/2024 21:23	399	0
7533405	3/16/2024 14:44	3/16/2024 18:29	225	0.04
303510	3/16/2024 14:45	3/16/2024 21:18	393	0
346462	3/16/2024 14:45	3/16/2024 21:24	399	0.18
1320619	3/16/2024 14:45	3/16/2024 21:19	394	0
663982	3/16/2024 14:45	3/16/2024 14:56	11	0
957615	3/16/2024 14:45	3/16/2024 21:19	394	0
590897	3/16/2024 14:45	3/16/2024 21:15	390	0.2
7937779	3/16/2024 14:45	3/16/2024 21:18	393	0
345647	3/16/2024 14:45	3/16/2024 21:29	404	0
304265	3/16/2024 14:46	3/16/2024 21:25	399	0
1321114	3/16/2024 14:46	3/16/2024 21:20	394	0
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1362646	3/16/2024 14:46	3/16/2024 14:56	10	0
304209	3/16/2024 14:47	3/16/2024 21:20	393	0

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259674	3/16/2024 14:47	3/16/2024 21:21	394	0
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1556243	3/16/2024 14:48	3/16/2024 21:27	399	0
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1556434	3/16/2024 14:49	3/16/2024 21:23	394	0.1
1332906	3/16/2024 14:49	3/16/2024 15:21	32	0
1556486	3/16/2024 14:49	3/16/2024 21:23	394	0
574993	3/16/2024 14:49	3/16/2024 21:28	399	0
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315730	3/16/2024 14:50	3/16/2024 21:24	394	0
315169	3/16/2024 14:50	3/16/2024 21:18	388	0
1431804	3/16/2024 14:50	3/16/2024 21:19	389	0
1554218	3/16/2024 14:51	3/16/2024 21:25	394	0.25
12376755	3/16/2024 14:51	3/16/2024 21:19	388	0
1307027	3/16/2024 14:52	3/16/2024 22:48	476	0
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800600	3/16/2024 14:53	3/16/2024 21:16	383	0
1432827	3/16/2024 14:53	3/16/2024 21:16	383	0
800590	3/16/2024 14:54	3/16/2024 21:18	384	0
800588	3/16/2024 14:54	3/16/2024 21:12	378	0
801004	3/16/2024 14:55	3/16/2024 21:18	383	0
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663982	3/16/2024 14:56	3/16/2024 15:01	5	0
1288420	3/16/2024 14:56	3/16/2024 15:01	5	0
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1393699	3/16/2024 14:59	3/16/2024 21:22	383	0
41508	3/16/2024 14:59	3/16/2024 21:17	378	0
1494722	3/16/2024 15:00	3/16/2024 21:23	383	0.27
1567514	3/16/2024 15:01	3/16/2024 21:23	382	0
56196	3/16/2024 15:01	3/16/2024 21:30	389	0
663982	3/16/2024 15:01	3/16/2024 15:11	10	0
1362646	3/16/2024 15:01	3/16/2024 15:12	11	0
449377	3/16/2024 15:01	3/16/2024 15:43	42	0
1288420	3/16/2024 15:01	3/17/2024 10:00	1138.27	0
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51483	3/16/2024 15:04	3/16/2024 21:27	383	0
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1362646	3/16/2024 15:12	3/16/2024 15:17	5	0
663982	3/16/2024 15:16	3/16/2024 15:27	11	0
1362646	3/16/2024 15:17	3/16/2024 15:22	5	0
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1332906	3/16/2024 15:21	3/16/2024 21:12	351	0

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663982	3/16/2024 15:27	3/16/2024 15:32	5	0
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1604432	3/16/2024 15:36	3/16/2024 21:23	347	0.24
646026	3/16/2024 15:36	3/16/2024 21:17	341	0
1309098	3/16/2024 15:37	3/16/2024 21:18	341	0.07
1543009	3/16/2024 15:37	3/16/2024 21:23	346	0
1310926	3/16/2024 15:38	3/16/2024 21:24	346	0
1362646	3/16/2024 15:38	3/16/2024 15:43	5	0
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956579	3/16/2024 15:42	3/16/2024 21:18	336	0
1362646	3/16/2024 15:43	3/16/2024 16:10	27	0
449377	3/16/2024 15:43	3/16/2024 15:59	16	0
663982	3/16/2024 15:43	3/16/2024 15:48	5	0
956559	3/16/2024 15:44	3/16/2024 21:15	331	0.06
1701172	3/16/2024 15:44	3/16/2024 21:10	326	0
952445	3/16/2024 15:44	3/16/2024 21:17	333	0
1591422	3/16/2024 15:47	3/16/2024 21:23	336	0
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663982	3/16/2024 15:58	3/16/2024 16:04	6	0
449377	3/16/2024 15:59	3/16/2024 16:31	32	0
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980398	3/16/2024 16:02	3/16/2024 21:16	314	0
1503739	3/16/2024 16:03	3/16/2024 21:13	310	0
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980870	3/16/2024 16:04	3/16/2024 21:19	315	0
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1362646	3/16/2024 16:10	3/16/2024 16:15	5	0
663982	3/16/2024 16:14	3/16/2024 16:25	11	0
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1430644	3/16/2024 16:18	3/16/2024 21:22	304	0
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1430553	3/16/2024 16:20	3/16/2024 21:25	305	0
1664433	3/16/2024 16:22	3/16/2024 21:21	299	0
1602693	3/16/2024 16:23	3/17/2024 10:00	1056.75	0
663982	3/16/2024 16:25	3/16/2024 16:30	5	0
1362646	3/16/2024 16:25	3/16/2024 16:31	6	0
663982	3/16/2024 16:30	3/17/2024 9:12	1002	0
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449377	3/16/2024 16:31	3/16/2024 18:26	115	0
860281	3/16/2024 16:36	3/16/2024 21:14	278	0
1393633	3/16/2024 17:16	3/16/2024 21:17	241	0
449377	3/16/2024 18:26	3/16/2024 19:24	58	0
7533405	3/16/2024 18:29	3/17/2024 10:00	930.2	0
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449377	3/16/2024 20:06	3/16/2024 20:43	37	0
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8486022	3/16/2024 20:29	3/17/2024 10:00	810.75	0
1576533	3/16/2024 20:36	3/17/2024 10:00	803.75	0
449377	3/16/2024 20:43	3/16/2024 21:20	37	0
1321605	3/16/2024 21:08	3/17/2024 10:00	771.27	0
1654064	3/16/2024 21:09	3/17/2024 10:00	770	0
1701172	3/16/2024 21:10	3/17/2024 8:38	688	0
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954637	3/16/2024 21:10	3/17/2024 10:00	769	0
1093722	3/16/2024 21:12	3/17/2024 8:19	667	0
1313814	3/16/2024 21:12	3/17/2024 10:00	767.27	0
800588	3/16/2024 21:12	3/17/2024 10:00	767.42	0
1314993	3/16/2024 21:12	3/17/2024 10:00	767.27	0
1332906	3/16/2024 21:12	3/17/2024 10:00	767.27	0
1320845	3/16/2024 21:13	3/17/2024 8:41	688	0
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1020565	3/16/2024 21:13	3/17/2024 10:00	766	0
740241	3/16/2024 21:13	3/17/2024 10:00	766.42	0
860281	3/16/2024 21:14	3/17/2024 10:00	765.42	0
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1031933	3/16/2024 21:14	3/17/2024 10:00	765	0
955448	3/16/2024 21:14	3/17/2024 10:00	765	0
1363588	3/16/2024 21:14	3/17/2024 9:40	746	0
1355611	3/16/2024 21:14	3/17/2024 8:10	656	0
956559	3/16/2024 21:15	3/17/2024 10:00	764	0
1267978	3/16/2024 21:15	3/17/2024 7:54	639	0
10433250	3/16/2024 21:15	3/17/2024 10:00	764.27	0
1321663	3/16/2024 21:15	3/17/2024 8:11	656	0
590897	3/16/2024 21:15	3/17/2024 10:00	764.8	0
500173	3/16/2024 21:15	3/17/2024 10:00	764.8	0

793285	3/16/2024 21:16	3/17/2024 10:00	763.42	0
979888	3/16/2024 21:16	3/17/2024 10:00	763	0
1361770	3/16/2024 21:16	3/17/2024 9:37	741	0
563241	3/16/2024 21:16	3/17/2024 10:00	763.8	0
1321750	3/16/2024 21:16	3/17/2024 8:07	651	0
1025292	3/16/2024 21:16	3/17/2024 10:00	763	0
980398	3/16/2024 21:16	3/17/2024 9:15	719	0
2032900	3/16/2024 21:16	3/17/2024 8:22	666	0
1092960	3/16/2024 21:16	3/17/2024 10:00	763.8	0
658658	3/16/2024 21:16	3/17/2024 10:00	763.42	0
954332	3/16/2024 21:16	3/17/2024 10:00	763	0
1432827	3/16/2024 21:16	3/17/2024 10:00	763.75	0
980132	3/16/2024 21:16	3/17/2024 10:00	763	0
800600	3/16/2024 21:16	3/17/2024 10:00	763.42	0
1599209	3/16/2024 21:17	3/17/2024 10:00	762.75	0
1268231	3/16/2024 21:17	3/17/2024 10:00	762	0
952445	3/16/2024 21:17	3/17/2024 10:00	762	0
416557	3/16/2024 21:17	3/17/2024 10:00	762.8	0
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41508	3/16/2024 21:17	3/17/2024 10:00	762.2	0
1393633	3/16/2024 21:17	3/17/2024 10:00	762.27	0
510307	3/16/2024 21:17	3/17/2024 10:00	762.8	0
7937779	3/16/2024 21:18	3/17/2024 10:00	761.27	0
1309098	3/16/2024 21:18	3/17/2024 9:54	756	0
1599629	3/16/2024 21:18	3/17/2024 10:00	761.75	0
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510522	3/16/2024 21:18	3/17/2024 10:00	761.8	0
427715	3/16/2024 21:18	3/17/2024 10:00	761.8	0
801004	3/16/2024 21:18	3/17/2024 10:00	761.42	0
353651	3/16/2024 21:18	3/17/2024 10:00	761.2	0
981933	3/16/2024 21:18	3/17/2024 10:00	761	0
800590	3/16/2024 21:18	3/17/2024 10:00	761.42	0
1361528	3/16/2024 21:18	3/17/2024 9:39	741	0
303510	3/16/2024 21:18	3/17/2024 10:00	761.2	0
315169	3/16/2024 21:18	3/17/2024 10:00	761.2	0
342796	3/16/2024 21:18	3/17/2024 10:00	761.2	0
957615	3/16/2024 21:19	3/17/2024 10:00	760	0
1320619	3/16/2024 21:19	3/17/2024 8:12	653	0
1431804	3/16/2024 21:19	3/17/2024 10:00	760.75	0
1394442	3/16/2024 21:19	3/17/2024 10:00	760.27	0
1430294	3/16/2024 21:19	3/17/2024 9:50	751	0
314188	3/16/2024 21:19	3/17/2024 10:00	760.2	0
1513398	3/16/2024 21:19	3/17/2024 10:00	760.75	0
456084	3/16/2024 21:19	3/17/2024 10:00	760.8	0
469018	3/16/2024 21:19	3/17/2024 10:00	760.8	0
1363415	3/16/2024 21:19	3/17/2024 10:00	760.27	0
1441767	3/16/2024 21:19	3/17/2024 10:00	760.75	0

12376755	3/16/2024 21:19	3/17/2024 10:00	760.27	0
790670	3/16/2024 21:19	3/17/2024 10:00	760.42	0
449036	3/16/2024 21:19	3/17/2024 10:00	760.8	0
317233	3/16/2024 21:19	3/17/2024 10:00	760.2	0
314564	3/16/2024 21:19	3/17/2024 10:00	760.2	0
660265	3/16/2024 21:19	3/17/2024 10:00	760.42	0
1027787	3/16/2024 21:19	3/17/2024 10:00	760	0
980870	3/16/2024 21:19	3/17/2024 8:03	644	0
47769	3/16/2024 21:19	3/17/2024 10:00	760.2	0
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658642	3/16/2024 21:20	3/17/2024 10:00	759.42	0
1259644	3/16/2024 21:20	3/17/2024 10:00	759	0
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957216	3/16/2024 21:20	3/17/2024 10:00	759	0
304209	3/16/2024 21:20	3/17/2024 10:00	759.2	0
975066	3/16/2024 21:20	3/17/2024 10:00	759	0
1299632	3/16/2024 21:20	3/17/2024 10:00	759.27	0
1508563	3/16/2024 21:20	3/17/2024 10:00	759.75	0
982261	3/16/2024 21:20	3/17/2024 10:00	759	0
507365	3/16/2024 21:20	3/17/2024 10:00	759.8	0
1700586	3/16/2024 21:20	3/17/2024 10:00	759.27	0
1415828	3/16/2024 21:20	3/17/2024 10:00	759.27	0
449377	3/16/2024 21:20	3/16/2024 21:56	36	0
1321114	3/16/2024 21:20	3/17/2024 8:11	651	0
511223	3/16/2024 21:20	3/17/2024 10:00	759.8	0
553863	3/16/2024 21:20	3/17/2024 10:00	759.8	0
1552990	3/16/2024 21:21	3/17/2024 10:00	758.75	0
1362130	3/16/2024 21:21	3/17/2024 9:36	735	0
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338734	3/16/2024 21:21	3/17/2024 10:00	758.2	0
664453	3/16/2024 21:21	3/17/2024 9:51	750	0
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1672745	3/16/2024 21:21	3/17/2024 10:00	758.8	0
317797	3/16/2024 21:21	3/17/2024 10:00	758.2	0
1320646	3/16/2024 21:21	3/17/2024 8:12	651	0
259674	3/16/2024 21:21	3/17/2024 10:00	758.2	0
1307575	3/16/2024 21:21	3/17/2024 10:00	758.27	0
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315604	3/16/2024 21:21	3/17/2024 10:00	758.2	0
1518000	3/16/2024 21:21	3/17/2024 9:42	741	0
1664433	3/16/2024 21:21	3/17/2024 10:00	758.42	0
324290	3/16/2024 21:21	3/17/2024 8:23	662	0

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1394467	3/16/2024 21:22	3/17/2024 10:00	757.27	0
6714863	3/16/2024 21:22	3/17/2024 10:00	757.42	0
336103	3/16/2024 21:22	3/17/2024 10:00	757.2	0
571143	3/16/2024 21:22	3/17/2024 10:00	757.8	0
1456419	3/16/2024 21:22	3/17/2024 10:00	757.75	0
1417138	3/16/2024 21:22	3/17/2024 9:53	751	0
1393699	3/16/2024 21:22	3/17/2024 9:42	740	0
1453263	3/16/2024 21:22	3/17/2024 10:00	757.75	0
1385431	3/16/2024 21:22	3/17/2024 10:00	757.27	0
1553910	3/16/2024 21:22	3/17/2024 10:00	757.75	0
8206792	3/16/2024 21:22	3/17/2024 10:00	757.75	0
1552836	3/16/2024 21:22	3/17/2024 10:00	757.75	0
8495802	3/16/2024 21:22	3/17/2024 10:00	757.75	0
1493766	3/16/2024 21:22	3/17/2024 10:00	757.27	0
456048	3/16/2024 21:22	3/17/2024 10:00	757.8	0
1430644	3/16/2024 21:22	3/17/2024 10:00	757.75	0
511266	3/16/2024 21:22	3/17/2024 10:00	757.8	0
1494722	3/16/2024 21:23	3/17/2024 9:43	740	0
345941	3/16/2024 21:23	3/17/2024 10:00	756.2	0
1556486	3/16/2024 21:23	3/17/2024 10:00	756.75	0
1591422	3/16/2024 21:23	3/17/2024 10:00	756.75	0
1556434	3/16/2024 21:23	3/17/2024 10:00	756.75	0
1516997	3/16/2024 21:23	3/17/2024 10:00	756.75	0
1445317	3/16/2024 21:23	3/17/2024 10:00	756.75	0
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1543009	3/16/2024 21:23	3/17/2024 10:00	756.75	0
1604432	3/16/2024 21:23	3/17/2024 10:00	756.75	0
1567514	3/16/2024 21:23	3/17/2024 9:43	740	0
8627374	3/16/2024 21:23	3/17/2024 10:00	756.75	0
1511264	3/16/2024 21:23	3/17/2024 10:00	756.75	0
553755	3/16/2024 21:24	3/17/2024 10:00	755.8	0
378229	3/16/2024 21:24	3/17/2024 10:00	755.8	0
1552977	3/16/2024 21:24	3/17/2024 10:00	755.75	0
1515964	3/16/2024 21:24	3/17/2024 10:00	755.75	0
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1552693	3/16/2024 21:24	3/17/2024 10:00	755.75	0
1551943	3/16/2024 21:24	3/17/2024 10:00	755.75	0
325050	3/16/2024 21:24	3/17/2024 10:00	755.2	0
346462	3/16/2024 21:24	3/17/2024 10:00	755.2	0
1511251	3/16/2024 21:24	3/17/2024 10:00	755.75	0
353082	3/16/2024 21:24	3/17/2024 10:00	755.2	0
328113	3/16/2024 21:24	3/17/2024 10:00	755.2	0
1597834	3/16/2024 21:24	3/17/2024 10:00	755.75	0
1466357	3/16/2024 21:24	3/17/2024 10:00	755.75	0
1550545	3/16/2024 21:24	3/17/2024 10:00	755.75	0

315730	3/16/2024 21:24	3/17/2024 10:00	755.2	0
1430838	3/16/2024 21:24	3/17/2024 10:00	755.75	0
10659208	3/16/2024 21:24	3/17/2024 10:00	755.2	0
304345	3/16/2024 21:24	3/17/2024 10:00	755.2	0
428411	3/16/2024 21:24	3/17/2024 10:00	755.8	0
601397	3/16/2024 21:24	3/17/2024 10:00	755.8	0
1450250	3/16/2024 21:24	3/17/2024 10:00	755.75	0
1310926	3/16/2024 21:24	3/17/2024 9:55	751	0
1550546	3/16/2024 21:24	3/17/2024 10:00	755.75	0
1565203	3/16/2024 21:25	3/17/2024 8:14	649	0
564518	3/16/2024 21:25	3/17/2024 10:00	754.8	0
509102	3/16/2024 21:25	3/17/2024 10:00	754.8	0
1414392	3/16/2024 21:25	3/17/2024 10:00	754.27	0
1554218	3/16/2024 21:25	3/17/2024 10:00	754.75	0
348007	3/16/2024 21:25	3/17/2024 10:00	754.2	0
5212517	3/16/2024 21:25	3/17/2024 10:00	754.2	0
561672	3/16/2024 21:25	3/17/2024 10:00	754.8	0
1430553	3/16/2024 21:25	3/17/2024 10:00	754.75	0
1511532	3/16/2024 21:25	3/17/2024 10:00	754.75	0
1515733	3/16/2024 21:25	3/17/2024 10:00	754.75	0
304265	3/16/2024 21:25	3/17/2024 10:00	754.2	0
304785	3/16/2024 21:25	3/17/2024 9:46	741	0
1600016	3/16/2024 21:25	3/17/2024 10:00	754.75	0
569142	3/16/2024 21:25	3/17/2024 10:00	754.8	0
49209	3/16/2024 21:25	3/17/2024 10:00	754.2	0
381338	3/16/2024 21:26	3/17/2024 10:00	753.8	0
562856	3/16/2024 21:26	3/17/2024 10:00	753.8	0
1441766	3/16/2024 21:26	3/17/2024 10:00	753.75	0
9063373	3/16/2024 21:26	3/17/2024 9:35	729	0
313011	3/16/2024 21:27	3/17/2024 10:00	752.2	0
1493132	3/16/2024 21:27	3/17/2024 8:42	675	0
345427	3/16/2024 21:27	3/17/2024 10:00	752.2	0
1394543	3/16/2024 21:27	3/17/2024 10:00	752.27	0
313954	3/16/2024 21:27	3/17/2024 10:00	752.2	0
1556243	3/16/2024 21:27	3/17/2024 10:00	752.75	0
51483	3/16/2024 21:27	3/17/2024 8:50	683	0
1375642	3/16/2024 21:27	3/17/2024 10:00	752.27	0
303811	3/16/2024 21:27	3/17/2024 9:58	751	0
315380	3/16/2024 21:27	3/17/2024 10:00	752.2	0
313731	3/16/2024 21:27	3/17/2024 10:00	752.2	0
314163	3/16/2024 21:28	3/17/2024 10:00	751.2	0
574993	3/16/2024 21:28	3/17/2024 10:00	751.8	0
1394324	3/16/2024 21:28	3/17/2024 9:32	724	0
1377303	3/16/2024 21:28	3/17/2024 10:00	751.27	0
8950281	3/16/2024 21:28	3/17/2024 8:46	678	0
8621797	3/16/2024 21:28	3/17/2024 10:00	751.2	0
1515678	3/16/2024 21:29	3/17/2024 10:00	750.75	0

304295	3/16/2024 21:29	3/17/2024 10:00	750.2	0
1517239	3/16/2024 21:29	3/17/2024 10:00	750.75	0
316630	3/16/2024 21:29	3/17/2024 10:00	750.2	0
10371797	3/16/2024 21:29	3/17/2024 10:00	750.2	0
1416360	3/16/2024 21:29	3/17/2024 10:00	750.27	0
345647	3/16/2024 21:29	3/17/2024 10:00	750.2	0
304845	3/16/2024 21:29	3/17/2024 9:44	735	0
56196	3/16/2024 21:30	3/17/2024 10:00	749.2	0
303030	3/16/2024 21:30	3/17/2024 10:00	749.2	0
1517747	3/16/2024 21:30	3/17/2024 10:00	749.75	0
324045	3/16/2024 21:30	3/17/2024 10:00	749.2	0
1599504	3/16/2024 21:30	3/17/2024 10:00	749.75	0
642003	3/16/2024 21:31	3/17/2024 9:56	745	0
1517291	3/16/2024 21:32	3/17/2024 10:00	747.75	0
1551946	3/16/2024 21:37	3/17/2024 10:00	742.75	0
449377	3/16/2024 21:56	3/16/2024 22:17	21	0
1041597	3/16/2024 22:14	3/17/2024 10:00	705	0
449377	3/16/2024 22:17	3/16/2024 22:43	26	0
449377	3/16/2024 22:43	3/16/2024 23:04	21	0
1307027	3/16/2024 22:48	3/17/2024 10:00	671.27	0
449377	3/16/2024 23:04	3/16/2024 23:25	21	0
449377	3/16/2024 23:25	3/17/2024 1:21	116	0
449377	3/17/2024 1:21	3/17/2024 2:03	42	0
449377	3/17/2024 2:03	3/17/2024 4:25	142	0
449377	3/17/2024 4:25	3/17/2024 5:07	42	0
449377	3/17/2024 5:07	3/17/2024 6:04	57	0
449377	3/17/2024 6:04	3/17/2024 6:41	37	0
449377	3/17/2024 6:41	3/17/2024 7:07	26	0
449377	3/17/2024 7:07	3/17/2024 8:14	67	0
1267978	3/17/2024 7:54	3/17/2024 10:00	125	0
980870	3/17/2024 8:03	3/17/2024 10:00	116	0
1321750	3/17/2024 8:07	3/17/2024 10:00	112.27	0
1355611	3/17/2024 8:10	3/17/2024 10:00	109.27	0
1321114	3/17/2024 8:11	3/17/2024 10:00	108.27	0
1321663	3/17/2024 8:11	3/17/2024 10:00	108.27	0.02
1320646	3/17/2024 8:12	3/17/2024 10:00	107.27	0
1567316	3/17/2024 8:12	3/17/2024 10:00	107.75	0
1320619	3/17/2024 8:12	3/17/2024 10:00	107.27	0
1565203	3/17/2024 8:14	3/17/2024 10:00	105.75	0
449377	3/17/2024 8:14	3/17/2024 8:35	21	0
1093722	3/17/2024 8:19	3/17/2024 10:00	100.8	0
2032900	3/17/2024 8:22	3/17/2024 8:54	32	0
324290	3/17/2024 8:23	3/17/2024 10:00	96.2	0
449377	3/17/2024 8:35	3/17/2024 10:00	84.8	0
1701172	3/17/2024 8:38	3/17/2024 8:53	15	0
1351588	3/17/2024 8:40	3/17/2024 10:00	79.27	0
1320845	3/17/2024 8:41	3/17/2024 9:54	73	0

1493132	3/17/2024 8:42	3/17/2024 10:00	77.27	0
8950281	3/17/2024 8:46	3/17/2024 10:00	73.2	0
51483	3/17/2024 8:50	3/17/2024 10:00	69.2	0
1701172	3/17/2024 8:53	3/17/2024 10:00	66.27	0
2032900	3/17/2024 8:54	3/17/2024 10:00	65.27	0
539938	3/17/2024 9:06	3/17/2024 10:00	53.8	0
663982	3/17/2024 9:12	3/17/2024 9:17	5	0
980398	3/17/2024 9:15	3/17/2024 10:00	44	0
663982	3/17/2024 9:17	3/17/2024 9:39	22	0
353728	3/17/2024 9:20	3/17/2024 10:00	39.2	0
1394324	3/17/2024 9:32	3/17/2024 10:00	27.27	0
9063373	3/17/2024 9:35	3/17/2024 10:00	24.27	0
1362130	3/17/2024 9:36	3/17/2024 10:00	23.27	0
1361770	3/17/2024 9:37	3/17/2024 9:53	16	0
646026	3/17/2024 9:37	3/17/2024 10:00	22.8	0
1361528	3/17/2024 9:39	3/17/2024 10:00	20.27	0
663982	3/17/2024 9:39	3/17/2024 9:53	14	0
1363588	3/17/2024 9:40	3/17/2024 10:00	19.27	0
1362646	3/17/2024 9:40	3/17/2024 9:45	5	0
1518000	3/17/2024 9:42	3/17/2024 10:00	17.75	0
1393699	3/17/2024 9:42	3/17/2024 10:00	17.27	0
1494722	3/17/2024 9:43	3/17/2024 10:00	16.27	0
1567514	3/17/2024 9:43	3/17/2024 9:59	16	0
1503739	3/17/2024 9:44	3/17/2024 10:00	15	0
304845	3/17/2024 9:44	3/17/2024 10:00	15.2	0
1362646	3/17/2024 9:45	3/17/2024 9:55	10	0
304785	3/17/2024 9:46	3/17/2024 10:00	13.2	0
1430294	3/17/2024 9:50	3/17/2024 10:00	9.75	0
645339	3/17/2024 9:51	3/17/2024 10:00	8.8	0
664453	3/17/2024 9:51	3/17/2024 10:00	8.42	0
663982	3/17/2024 9:53	3/17/2024 10:00	6.42	0
1417138	3/17/2024 9:53	3/17/2024 10:00	6.27	0
1361770	3/17/2024 9:53	3/17/2024 10:00	6.27	0
1320845	3/17/2024 9:54	3/17/2024 10:00	5.27	0
1309098	3/17/2024 9:54	3/17/2024 10:00	5.27	0
1362646	3/17/2024 9:55	3/17/2024 10:00	4.27	0
1310926	3/17/2024 9:55	3/17/2024 10:00	4.27	0
1465391	3/17/2024 9:56	3/17/2024 10:00	3.75	0
642003	3/17/2024 9:56	3/17/2024 10:00	3.8	0
303811	3/17/2024 9:58	3/17/2024 10:00	1.2	0
1567514	3/17/2024 9:59	3/17/2024 10:00	0.75	0
1413046	3/17/2024 10:00	3/18/2024 10:00	1439.27	0
664030	3/17/2024 10:00	3/18/2024 10:00	1439.42	0
1556486	3/17/2024 10:00	3/17/2024 21:22	682	0.84
7879030	3/17/2024 10:00	3/18/2024 10:00	1439.8	0
1368580	3/17/2024 10:00	3/17/2024 11:04	64	0
1377303	3/17/2024 10:00	3/17/2024 21:26	686	0

56196	3/17/2024 10:00	3/17/2024 11:34	94	0.32
1516579	3/17/2024 10:00	3/18/2024 10:00	1439.75	0
54324	3/17/2024 10:00	3/17/2024 15:18	318	0
10222019	3/17/2024 10:00	3/18/2024 10:00	1439.27	0
1516786	3/17/2024 10:00	3/18/2024 10:00	1439.75	0
953854	3/17/2024 10:00	3/18/2024 10:00	1439	0
711121	3/17/2024 10:00	3/17/2024 11:02	62	0
56060	3/17/2024 10:00	3/17/2024 15:20	320	0.01
1418462	3/17/2024 10:00	3/18/2024 10:00	1439.27	0
25066	3/17/2024 10:00	3/18/2024 10:00	1439.2	0
1416360	3/17/2024 10:00	3/17/2024 21:27	687	0
1672784	3/17/2024 10:00	3/18/2024 10:00	1439.8	0.02
1362646	3/17/2024 10:00	3/17/2024 11:09	69	0
675499	3/17/2024 10:00	3/17/2024 13:47	227	0
642003	3/17/2024 10:00	3/17/2024 21:29	689	0
1604432	3/17/2024 10:00	3/17/2024 11:33	93	0.27
8724096	3/17/2024 10:00	3/18/2024 10:00	1439.27	0
253877	3/17/2024 10:00	3/18/2024 10:00	1439.2	0
1352388	3/17/2024 10:00	3/18/2024 10:00	1439.27	0
444688	3/17/2024 10:00	3/17/2024 13:52	232	0.01
1313814	3/17/2024 10:00	3/18/2024 10:00	1439.27	0
447406	3/17/2024 10:00	3/18/2024 10:00	1439.8	0
9063373	3/17/2024 10:00	3/17/2024 11:20	80	0
1588365	3/17/2024 10:00	3/18/2024 10:00	1439.75	0
416557	3/17/2024 10:00	3/17/2024 13:17	197	0
740241	3/17/2024 10:00	3/17/2024 11:39	99	0
10714479	3/17/2024 10:00	3/18/2024 10:00	1439.75	0
1394324	3/17/2024 10:00	3/17/2024 11:23	83	0
202435	3/17/2024 10:00	3/18/2024 10:00	1439.2	0
8950281	3/17/2024 10:00	3/17/2024 13:03	183	0
1556434	3/17/2024 10:00	3/17/2024 21:33	693	0.11
353728	3/17/2024 10:00	3/17/2024 21:09	669	0
562202	3/17/2024 10:00	3/18/2024 10:00	1439.8	0
10433250	3/17/2024 10:00	3/18/2024 10:00	1439.27	0
1288420	3/17/2024 10:00	3/18/2024 10:00	1439.27	0
345752	3/17/2024 10:00	3/17/2024 14:42	282	0
1422300	3/17/2024 10:00	3/18/2024 10:00	1439.27	0
441757	3/17/2024 10:00	3/18/2024 10:00	1439.8	0
7937779	3/17/2024 10:00	3/18/2024 10:00	1439.27	0
49209	3/17/2024 10:00	3/17/2024 21:28	688	0
47769	3/17/2024 10:00	3/17/2024 21:17	677	0.84
1190246	3/17/2024 10:00	3/18/2024 10:00	1439.27	0
574993	3/17/2024 10:00	3/17/2024 21:32	692	0
1343695	3/17/2024 10:00	3/18/2024 10:00	1439.27	0
454372	3/17/2024 10:00	3/18/2024 10:00	1439.8	0
555654	3/17/2024 10:01	3/18/2024 10:00	1438.8	0.03
1272457	3/17/2024 10:02	3/17/2024 21:14	672	0.89

1366197	3/17/2024 10:06	3/18/2024 10:00	1433.27	0
1321114	3/17/2024 10:07	3/17/2024 21:18	671	0.6
1414392	3/17/2024 10:07	3/17/2024 21:24	677	0.08
574596	3/17/2024 10:07	3/17/2024 21:21	674	0
1266649	3/17/2024 10:07	3/17/2024 11:37	90	0.05
1552990	3/17/2024 10:07	3/18/2024 10:00	1432.75	0
1415828	3/17/2024 10:07	3/17/2024 21:19	672	0.1
1320646	3/17/2024 10:07	3/17/2024 21:24	677	0.93
554089	3/17/2024 10:07	3/18/2024 10:00	1432.8	0
645339	3/17/2024 10:07	3/17/2024 11:41	94	0.16
1701172	3/17/2024 10:07	3/17/2024 15:53	346	0
1587793	3/17/2024 10:08	3/18/2024 10:00	1431.75	0
96751	3/17/2024 10:08	3/18/2024 10:00	1431.2	0
2032900	3/17/2024 10:08	3/17/2024 21:14	666	1.1
1321750	3/17/2024 10:08	3/17/2024 21:20	672	0
1362130	3/17/2024 10:08	3/17/2024 11:37	89	0
636274	3/17/2024 10:08	3/18/2024 10:00	1431.8	0
1361770	3/17/2024 10:08	3/17/2024 11:38	90	0.47
1513541	3/17/2024 10:08	3/18/2024 10:00	1431.75	0
663982	3/17/2024 10:08	3/17/2024 11:01	53	0
1518000	3/17/2024 10:08	3/17/2024 12:09	121	0.04
646026	3/17/2024 10:09	3/17/2024 11:38	89	0
1453263	3/17/2024 10:09	3/17/2024 11:39	90	0
1361528	3/17/2024 10:10	3/17/2024 11:39	89	0
1319739	3/17/2024 10:10	3/18/2024 10:00	1429.27	0
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1307027	3/17/2024 10:10	3/17/2024 21:29	679	0
12376755	3/17/2024 10:11	3/17/2024 21:19	668	0.09
1363588	3/17/2024 10:11	3/17/2024 11:41	90	0.31
1321663	3/17/2024 10:12	3/17/2024 21:13	661	0.04
1567316	3/17/2024 10:12	3/17/2024 11:47	95	0
664453	3/17/2024 10:12	3/17/2024 11:40	88	0
1320619	3/17/2024 10:13	3/17/2024 21:14	661	0
304295	3/17/2024 10:13	3/17/2024 14:57	284	0.76
303811	3/17/2024 10:14	3/17/2024 15:01	287	0
1565203	3/17/2024 10:15	3/17/2024 11:44	89	0
1503739	3/17/2024 10:15	3/17/2024 20:19	604	0.45
1567514	3/17/2024 10:15	3/17/2024 11:44	89	0
7533405	3/17/2024 10:15	3/17/2024 11:02	47	0
1430294	3/17/2024 10:16	3/17/2024 21:23	667	0.41
980870	3/17/2024 10:16	3/17/2024 20:21	605	0.66
417096	3/17/2024 10:17	3/18/2024 10:00	1422.8	0.03
982261	3/17/2024 10:17	3/17/2024 20:21	604	1.72
415195	3/17/2024 10:17	3/17/2024 20:22	605	0.16
980398	3/17/2024 10:18	3/17/2024 17:19	421	0
1704232	3/17/2024 10:18	3/17/2024 21:14	656	1.71
979888	3/17/2024 10:19	3/17/2024 20:22	603	0.25

539938	3/17/2024 10:19	3/17/2024 20:25	606	0.15
264379	3/17/2024 10:19	3/17/2024 20:49	630	0
1251782	3/17/2024 10:19	3/17/2024 21:26	667	0
1093722	3/17/2024 10:20	3/17/2024 21:16	656	0.76
449377	3/17/2024 10:20	3/17/2024 11:23	63	0
449036	3/17/2024 10:21	3/17/2024 21:22	661	0.36
1310926	3/17/2024 10:22	3/17/2024 21:28	666	0.74
1355611	3/17/2024 10:22	3/17/2024 11:24	62	0
1493766	3/17/2024 10:24	3/17/2024 21:15	651	0
793285	3/17/2024 10:24	3/17/2024 11:27	63	0.3
6714863	3/17/2024 10:25	3/17/2024 11:23	58	0
1385431	3/17/2024 10:25	3/17/2024 21:21	656	1.36
1320845	3/17/2024 10:26	3/17/2024 21:11	645	0.94
1309098	3/17/2024 10:26	3/17/2024 21:12	646	1.81
1320008	3/17/2024 10:26	3/17/2024 21:12	646	1.78
1321605	3/17/2024 10:26	3/17/2024 21:12	646	0.46
1465391	3/17/2024 10:27	3/17/2024 21:21	654	1.36
790670	3/17/2024 10:27	3/17/2024 11:25	58	0.19
1466357	3/17/2024 10:27	3/17/2024 21:20	653	0
304785	3/17/2024 10:28	3/17/2024 21:24	656	0.42
1445317	3/17/2024 10:28	3/17/2024 11:58	90	0.01
315730	3/17/2024 10:31	3/17/2024 11:19	48	0.02
314188	3/17/2024 10:31	3/17/2024 11:19	48	0
304845	3/17/2024 10:31	3/17/2024 21:28	657	0
315169	3/17/2024 10:31	3/17/2024 11:18	47	0
1393633	3/17/2024 10:31	3/17/2024 14:11	220	1.66
1513398	3/17/2024 10:32	3/17/2024 21:17	645	0
816722	3/17/2024 10:32	3/17/2024 21:12	640	0
817825	3/17/2024 10:34	3/17/2024 21:17	643	0.33
926657	3/17/2024 10:35	3/17/2024 14:36	241	0
1602693	3/17/2024 10:35	3/17/2024 11:38	63	0.01
265473	3/17/2024 10:37	3/17/2024 20:51	614	0
1602630	3/17/2024 10:38	3/17/2024 11:35	57	0
1311232	3/17/2024 10:39	3/17/2024 20:43	604	0
1307575	3/17/2024 10:39	3/17/2024 20:42	603	0.51
552210	3/17/2024 10:39	3/17/2024 21:19	640	0
511266	3/17/2024 10:40	3/17/2024 14:24	224	0
569420	3/17/2024 10:41	3/17/2024 21:11	630	0.68
507365	3/17/2024 10:41	3/17/2024 14:28	227	0.42
353082	3/17/2024 10:42	3/17/2024 21:22	640	0.82
957615	3/17/2024 10:42	3/17/2024 11:45	63	0
955448	3/17/2024 10:42	3/17/2024 11:45	63	0
954637	3/17/2024 10:42	3/17/2024 14:43	241	0.05
957216	3/17/2024 10:43	3/17/2024 11:46	63	0
954332	3/17/2024 10:43	3/17/2024 14:44	241	0.45
353651	3/17/2024 10:43	3/17/2024 21:18	635	0.14
510307	3/17/2024 10:45	3/17/2024 14:26	221	0.12

1704779	3/17/2024 10:47	3/17/2024 21:17	630	0.06
1664433	3/17/2024 10:49	3/17/2024 12:24	95	0
500173	3/17/2024 10:49	3/17/2024 21:19	630	6.08
266906	3/17/2024 10:50	3/17/2024 20:52	602	1.77
1514004	3/17/2024 10:50	3/17/2024 21:25	635	1.47
1268231	3/17/2024 10:52	3/17/2024 11:55	63	0
564518	3/17/2024 10:54	3/17/2024 11:42	48	0
1494722	3/17/2024 10:56	3/17/2024 11:28	32	0
1654064	3/17/2024 10:58	3/17/2024 21:07	609	0
590897	3/17/2024 10:59	3/17/2024 21:17	618	1.46
663982	3/17/2024 11:01	3/17/2024 11:12	11	0
1393699	3/17/2024 11:01	3/17/2024 11:27	26	0
7533405	3/17/2024 11:02	3/17/2024 12:10	68	0.13
456048	3/17/2024 11:02	3/17/2024 11:33	31	0
711121	3/17/2024 11:02	3/17/2024 11:18	16	0
926638	3/17/2024 11:03	3/17/2024 11:19	16	0
587455	3/17/2024 11:03	3/17/2024 14:17	194	0
7097388	3/17/2024 11:03	3/17/2024 21:18	615	1.29
1431804	3/17/2024 11:03	3/17/2024 11:19	16	0.08
926503	3/17/2024 11:04	3/17/2024 11:20	16	0
1368580	3/17/2024 11:04	3/17/2024 11:20	16	0
928438	3/17/2024 11:04	3/18/2024 10:00	1375.42	0
1432827	3/17/2024 11:05	3/17/2024 11:21	16	0.13
456084	3/17/2024 11:05	3/17/2024 11:35	30	0
926505	3/17/2024 11:05	3/17/2024 11:20	15	0
726904	3/17/2024 11:06	3/18/2024 10:00	1373.42	0
1362646	3/17/2024 11:09	3/17/2024 11:14	5	0
1444947	3/17/2024 11:10	3/17/2024 11:57	47	0.09
1444636	3/17/2024 11:11	3/17/2024 11:54	43	0.17
562856	3/17/2024 11:11	3/17/2024 14:25	194	0.21
563241	3/17/2024 11:11	3/17/2024 15:25	254	0.15
663982	3/17/2024 11:12	3/17/2024 11:17	5	0
1362646	3/17/2024 11:14	3/17/2024 11:25	11	0
8495802	3/17/2024 11:14	3/17/2024 21:22	608	1.75
956125	3/17/2024 11:15	3/17/2024 11:46	31	0.08
663982	3/17/2024 11:17	3/17/2024 11:27	10	0
1672745	3/17/2024 11:17	3/17/2024 14:15	178	0
711121	3/17/2024 11:18	3/17/2024 11:49	31	0
315169	3/17/2024 11:18	3/17/2024 21:17	599	0
926638	3/17/2024 11:19	3/17/2024 14:49	210	0
1514256	3/17/2024 11:19	3/17/2024 21:34	615	0.79
314188	3/17/2024 11:19	3/17/2024 21:17	598	0
315730	3/17/2024 11:19	3/17/2024 21:22	603	2.05
1431804	3/17/2024 11:19	3/17/2024 21:18	599	0.45
1368580	3/17/2024 11:20	3/18/2024 10:00	1359.27	0
9063373	3/17/2024 11:20	3/17/2024 11:36	16	0
926505	3/17/2024 11:20	3/17/2024 21:20	600	0.12

926503	3/17/2024 11:20	3/17/2024 14:50	210	0
324290	3/17/2024 11:21	3/17/2024 11:37	16	0
1432827	3/17/2024 11:21	3/17/2024 21:14	593	0.64
1417138	3/17/2024 11:22	3/17/2024 14:04	162	0
449377	3/17/2024 11:23	3/17/2024 12:10	47	0
1394324	3/17/2024 11:23	3/17/2024 11:34	11	0
6714863	3/17/2024 11:23	3/17/2024 14:42	199	0
1355611	3/17/2024 11:24	3/17/2024 11:40	16	0
325050	3/17/2024 11:24	3/17/2024 11:40	16	0
601397	3/17/2024 11:24	3/17/2024 21:28	604	0
790670	3/17/2024 11:25	3/17/2024 14:39	194	1.39
1362646	3/17/2024 11:25	3/17/2024 11:30	5	0
663982	3/17/2024 11:27	3/17/2024 11:32	5	0
793285	3/17/2024 11:27	3/17/2024 14:41	194	1.57
1393699	3/17/2024 11:27	3/17/2024 14:15	168	0.6
1494722	3/17/2024 11:28	3/17/2024 14:16	168	0.46
1362646	3/17/2024 11:30	3/17/2024 11:40	10	0
663982	3/17/2024 11:32	3/17/2024 11:43	11	0
456048	3/17/2024 11:33	3/17/2024 12:31	58	0
1604432	3/17/2024 11:33	3/17/2024 12:05	32	0
1394324	3/17/2024 11:34	3/17/2024 12:36	62	0
56196	3/17/2024 11:34	3/17/2024 12:47	73	0.15
1602630	3/17/2024 11:35	3/17/2024 12:07	32	0
456084	3/17/2024 11:35	3/17/2024 12:34	59	0
9063373	3/17/2024 11:36	3/17/2024 12:34	58	0
324290	3/17/2024 11:37	3/17/2024 12:24	47	0.04
1266649	3/17/2024 11:37	3/17/2024 12:08	31	0
1362130	3/17/2024 11:37	3/17/2024 14:41	184	0.44
646026	3/17/2024 11:38	3/17/2024 11:54	16	0.16
1361770	3/17/2024 11:38	3/17/2024 14:41	183	0.91
1602693	3/17/2024 11:38	3/17/2024 12:04	26	0
740241	3/17/2024 11:39	3/17/2024 11:50	11	0
1453263	3/17/2024 11:39	3/17/2024 13:55	136	0
1361528	3/17/2024 11:39	3/17/2024 14:38	179	0
325050	3/17/2024 11:40	3/17/2024 12:22	42	0
324045	3/17/2024 11:40	3/17/2024 12:22	42	0.01
664453	3/17/2024 11:40	3/17/2024 11:55	15	0
1355611	3/17/2024 11:40	3/17/2024 14:39	179	0.08
1362646	3/17/2024 11:40	3/17/2024 11:46	6	0
1363588	3/17/2024 11:41	3/17/2024 14:39	178	0.4
645339	3/17/2024 11:41	3/17/2024 11:52	11	0
564518	3/17/2024 11:42	3/17/2024 14:40	178	0
663982	3/17/2024 11:43	3/17/2024 11:48	5	0
1565203	3/17/2024 11:44	3/17/2024 12:48	64	0
1567514	3/17/2024 11:44	3/17/2024 12:47	63	0
957615	3/17/2024 11:45	3/17/2024 13:14	89	0.09
955448	3/17/2024 11:45	3/17/2024 13:14	89	0

957216	3/17/2024 11:46	3/17/2024 13:15	89	0.05
956125	3/17/2024 11:46	3/17/2024 21:18	572	0.57
1362646	3/17/2024 11:46	3/17/2024 14:23	157	0
1567316	3/17/2024 11:47	3/17/2024 12:45	58	0
663982	3/17/2024 11:48	3/17/2024 11:59	11	0
711121	3/17/2024 11:49	3/18/2024 10:00	1330.42	0
740241	3/17/2024 11:50	3/17/2024 12:05	15	0
645339	3/17/2024 11:52	3/17/2024 12:08	16	0
1444636	3/17/2024 11:54	3/17/2024 12:09	15	0
646026	3/17/2024 11:54	3/17/2024 12:10	16	0
664453	3/17/2024 11:55	3/17/2024 12:11	16	0
1267978	3/17/2024 11:55	3/17/2024 12:06	11	0
1268231	3/17/2024 11:55	3/17/2024 12:06	11	0
553863	3/17/2024 11:56	3/17/2024 15:26	210	0.46
1444947	3/17/2024 11:57	3/17/2024 12:13	16	0
1445317	3/17/2024 11:58	3/17/2024 12:13	15	0.03
663982	3/17/2024 11:59	3/17/2024 12:04	5	0
1602693	3/17/2024 12:04	3/17/2024 14:21	137	0.08
663982	3/17/2024 12:04	3/17/2024 12:09	5	0
1604432	3/17/2024 12:05	3/17/2024 14:21	136	0.17
740241	3/17/2024 12:05	3/18/2024 10:00	1314.42	0
1267978	3/17/2024 12:06	3/17/2024 14:03	117	0
1268231	3/17/2024 12:06	3/17/2024 14:38	152	0.01
1602630	3/17/2024 12:07	3/17/2024 14:24	137	0.06
645339	3/17/2024 12:08	3/17/2024 14:11	123	0.22
1266649	3/17/2024 12:08	3/18/2024 10:00	1311.27	0.01
1518000	3/17/2024 12:09	3/17/2024 14:10	121	0.05
663982	3/17/2024 12:09	3/17/2024 12:14	5	0
1444636	3/17/2024 12:09	3/18/2024 10:00	1310.75	0.02
449377	3/17/2024 12:10	3/17/2024 12:58	48	0
646026	3/17/2024 12:10	3/17/2024 12:57	47	0.03
7533405	3/17/2024 12:10	3/17/2024 14:48	158	0
664453	3/17/2024 12:11	3/17/2024 14:12	121	0
1445317	3/17/2024 12:13	3/18/2024 7:58	1185	0.01
1444947	3/17/2024 12:13	3/18/2024 10:00	1306.75	0
1025292	3/17/2024 12:14	3/18/2024 10:00	1305	0
663982	3/17/2024 12:14	3/17/2024 12:25	11	0
328113	3/17/2024 12:19	3/17/2024 14:04	105	0.08
325050	3/17/2024 12:22	3/17/2024 13:09	47	0
324045	3/17/2024 12:22	3/17/2024 13:10	48	0
711862	3/17/2024 12:22	3/18/2024 10:00	1297.42	0
324290	3/17/2024 12:24	3/17/2024 13:06	42	0.01
1664433	3/17/2024 12:24	3/17/2024 14:51	147	0
663982	3/17/2024 12:25	3/17/2024 12:30	5	0
663982	3/17/2024 12:30	3/17/2024 13:28	58	0
456048	3/17/2024 12:31	3/17/2024 14:47	136	0
9063373	3/17/2024 12:34	3/17/2024 13:47	73	0

456084	3/17/2024 12:34	3/17/2024 14:51	137	0
1394324	3/17/2024 12:36	3/17/2024 13:48	72	0
315604	3/17/2024 12:38	3/17/2024 13:41	63	0.01
315380	3/17/2024 12:38	3/17/2024 13:41	63	0.01
10371797	3/17/2024 12:40	3/17/2024 13:37	57	0.01
313731	3/17/2024 12:41	3/17/2024 13:39	58	0.02
313954	3/17/2024 12:41	3/17/2024 13:38	57	0.03
314163	3/17/2024 12:41	3/17/2024 13:39	58	0
314564	3/17/2024 12:43	3/17/2024 13:40	57	0.03
6828301	3/17/2024 12:44	3/17/2024 14:14	90	0
1567316	3/17/2024 12:45	3/17/2024 13:48	63	0
51483	3/17/2024 12:46	3/17/2024 13:02	16	0.02
1567514	3/17/2024 12:47	3/17/2024 14:00	73	0
56196	3/17/2024 12:47	3/17/2024 14:32	105	0
1565203	3/17/2024 12:48	3/17/2024 14:17	89	0.06
646026	3/17/2024 12:57	3/17/2024 13:55	58	0
449377	3/17/2024 12:58	3/17/2024 13:55	57	0
1493132	3/17/2024 12:59	3/17/2024 21:28	509	0.84
588892	3/17/2024 13:02	3/17/2024 21:20	498	0.66
51483	3/17/2024 13:02	3/17/2024 13:18	16	0.14
8950281	3/17/2024 13:03	3/17/2024 13:19	16	0
1394442	3/17/2024 13:04	3/18/2024 10:00	1255.27	0
324290	3/17/2024 13:06	3/17/2024 14:35	89	0.01
1462990	3/17/2024 13:06	3/17/2024 21:30	504	0.03
1394467	3/17/2024 13:07	3/18/2024 10:00	1252.27	0
1394543	3/17/2024 13:07	3/18/2024 10:00	1252.27	0.01
916360	3/17/2024 13:08	3/17/2024 21:21	493	0
916118	3/17/2024 13:09	3/17/2024 21:27	498	0.53
325050	3/17/2024 13:09	3/17/2024 14:07	58	0
323747	3/17/2024 13:09	3/17/2024 13:25	16	0.09
324249	3/17/2024 13:10	3/17/2024 13:25	15	0
324045	3/17/2024 13:10	3/17/2024 21:28	498	0
957615	3/17/2024 13:14	3/17/2024 14:43	89	0.01
955448	3/17/2024 13:14	3/18/2024 10:00	1245	0
957216	3/17/2024 13:15	3/18/2024 10:00	1244	0
416557	3/17/2024 13:17	3/18/2024 10:00	1242.8	0
51483	3/17/2024 13:18	3/17/2024 14:05	47	0.08
8950281	3/17/2024 13:19	3/17/2024 14:00	41	0
324249	3/17/2024 13:25	3/18/2024 10:00	1234.2	0
323747	3/17/2024 13:25	3/18/2024 10:00	1234.2	0.12
663982	3/17/2024 13:28	3/17/2024 13:33	5	0
663982	3/17/2024 13:33	3/17/2024 13:38	5	0
10371797	3/17/2024 13:37	3/17/2024 14:26	49	0.03
313954	3/17/2024 13:38	3/17/2024 14:10	32	0.1
663982	3/17/2024 13:38	3/17/2024 13:44	6	0
313731	3/17/2024 13:39	3/17/2024 14:10	31	0.08
314163	3/17/2024 13:39	3/17/2024 14:10	31	0

314564	3/17/2024 13:40	3/17/2024 14:11	31	0.07
315380	3/17/2024 13:41	3/17/2024 14:12	31	0
315604	3/17/2024 13:41	3/17/2024 14:13	32	0
348007	3/17/2024 13:42	3/17/2024 21:24	462	0
345427	3/17/2024 13:44	3/17/2024 21:31	467	0
663982	3/17/2024 13:44	3/17/2024 13:54	10	0
1567569	3/17/2024 13:46	3/17/2024 21:43	477	0.01
675499	3/17/2024 13:47	3/17/2024 21:13	446	0
1567701	3/17/2024 13:47	3/17/2024 21:22	455	0.03
9063373	3/17/2024 13:47	3/17/2024 14:19	32	0
1567316	3/17/2024 13:48	3/17/2024 14:14	26	0.02
1394324	3/17/2024 13:48	3/17/2024 14:20	32	0
1539391	3/17/2024 13:49	3/17/2024 21:35	466	0.13
756553	3/17/2024 13:50	3/17/2024 21:26	456	0
444688	3/17/2024 13:52	3/17/2024 21:20	448	0.04
1538577	3/17/2024 13:53	3/17/2024 21:23	450	0.02
317233	3/17/2024 13:53	3/17/2024 14:08	15	0
663982	3/17/2024 13:54	3/17/2024 13:59	5	0
1516997	3/17/2024 13:54	3/17/2024 14:57	63	0.03
449377	3/17/2024 13:55	3/17/2024 15:35	100	0
646026	3/17/2024 13:55	3/17/2024 14:11	16	0
1516432	3/17/2024 13:55	3/17/2024 14:55	60	0.01
1453263	3/17/2024 13:55	3/17/2024 14:11	16	0
317797	3/17/2024 13:55	3/17/2024 14:10	15	0
7932279	3/17/2024 13:56	3/18/2024 10:00	1203.75	0
1517747	3/17/2024 13:58	3/17/2024 14:55	57	0.02
663982	3/17/2024 13:59	3/17/2024 14:10	11	0
1567514	3/17/2024 14:00	3/17/2024 14:16	16	0
8950281	3/17/2024 14:00	3/17/2024 14:32	32	0
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328113	3/17/2024 14:04	3/17/2024 21:22	438	0.17
51483	3/17/2024 14:05	3/17/2024 14:31	26	0
325050	3/17/2024 14:07	3/17/2024 14:38	31	0
1543009	3/17/2024 14:07	3/17/2024 21:22	435	0
1550566	3/17/2024 14:07	3/17/2024 21:33	446	0.12
317233	3/17/2024 14:08	3/17/2024 14:25	17	0
1267978	3/17/2024 14:09	3/17/2024 14:41	32	0
314163	3/17/2024 14:10	3/17/2024 14:26	16	0
317797	3/17/2024 14:10	3/17/2024 14:26	16	0
663982	3/17/2024 14:10	3/17/2024 14:15	5	0
313954	3/17/2024 14:10	3/17/2024 14:26	16	0.16
313731	3/17/2024 14:10	3/17/2024 14:26	16	0.1
1518000	3/17/2024 14:10	3/17/2024 14:25	15	0.01
646026	3/17/2024 14:11	3/17/2024 14:26	15	0
1453263	3/17/2024 14:11	3/17/2024 14:42	31	0
645339	3/17/2024 14:11	3/17/2024 14:27	16	0

1393633	3/17/2024 14:11	3/17/2024 16:02	111	0.56
314564	3/17/2024 14:11	3/17/2024 14:27	16	0.07
664453	3/17/2024 14:12	3/17/2024 14:27	15	0
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1517291	3/17/2024 14:12	3/17/2024 15:09	57	0
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1393699	3/17/2024 14:15	3/17/2024 15:13	58	0.3
1672745	3/17/2024 14:15	3/17/2024 14:31	16	0
663982	3/17/2024 14:15	3/17/2024 14:26	11	0
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1567514	3/17/2024 14:16	3/17/2024 14:32	16	0
587455	3/17/2024 14:17	3/17/2024 15:15	58	0
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9063373	3/17/2024 14:19	3/17/2024 14:34	15	0
859747	3/17/2024 14:19	3/17/2024 21:30	431	0
1417138	3/17/2024 14:20	3/17/2024 14:36	16	0
1394324	3/17/2024 14:20	3/17/2024 14:35	15	0
1602693	3/17/2024 14:21	3/17/2024 14:36	15	0.04
1604432	3/17/2024 14:21	3/17/2024 14:37	16	0.09
315604	3/17/2024 14:23	3/17/2024 14:55	32	0
315380	3/17/2024 14:23	3/17/2024 14:54	31	0
1362646	3/17/2024 14:23	3/17/2024 14:28	5	0
511266	3/17/2024 14:24	3/17/2024 14:40	16	0
316997	3/17/2024 14:24	3/17/2024 15:27	63	0.06
1602630	3/17/2024 14:24	3/17/2024 14:34	10	0
860281	3/17/2024 14:24	3/17/2024 21:13	409	0.17
317233	3/17/2024 14:25	3/17/2024 14:40	15	0.04
1518000	3/17/2024 14:25	3/17/2024 14:41	16	0.09
562856	3/17/2024 14:25	3/17/2024 14:41	16	0
313731	3/17/2024 14:26	3/17/2024 14:57	31	0.15
313954	3/17/2024 14:26	3/17/2024 14:58	32	0.05
510307	3/17/2024 14:26	3/17/2024 14:36	10	0
314163	3/17/2024 14:26	3/17/2024 14:58	32	0
317797	3/17/2024 14:26	3/17/2024 14:42	16	0
10371797	3/17/2024 14:26	3/17/2024 14:58	32	0
8148103	3/17/2024 14:26	3/17/2024 15:24	58	0.14
646026	3/17/2024 14:26	3/17/2024 14:42	16	0
663982	3/17/2024 14:26	3/17/2024 14:31	5	0
645339	3/17/2024 14:27	3/17/2024 14:43	16	0.08
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1362646	3/17/2024 14:28	3/17/2024 14:39	11	0
346462	3/17/2024 14:28	3/17/2024 15:26	58	0.16

658658	3/17/2024 14:28	3/17/2024 14:39	11	0
507365	3/17/2024 14:28	3/17/2024 14:37	9	0
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6828301	3/17/2024 14:29	3/17/2024 14:44	15	0
252859	3/17/2024 14:29	3/17/2024 14:44	15	0
1567316	3/17/2024 14:30	3/17/2024 14:45	15	0.01
259674	3/17/2024 14:30	3/17/2024 14:46	16	0
336103	3/17/2024 14:31	3/17/2024 14:41	10	0
663982	3/17/2024 14:31	3/17/2024 14:41	10	0
51483	3/17/2024 14:31	3/17/2024 14:47	16	0.17
1672745	3/17/2024 14:31	3/17/2024 14:47	16	0
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1567514	3/17/2024 14:32	3/17/2024 14:48	16	0
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1597834	3/17/2024 14:33	3/17/2024 21:17	404	0.04
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1599504	3/17/2024 14:34	3/17/2024 21:29	415	0
324290	3/17/2024 14:35	3/17/2024 21:20	405	0.25
1394324	3/17/2024 14:35	3/17/2024 14:51	16	0
926657	3/17/2024 14:36	3/17/2024 14:47	11	0
1602693	3/17/2024 14:36	3/17/2024 20:54	378	0.12
1417138	3/17/2024 14:36	3/17/2024 15:49	73	0
510307	3/17/2024 14:36	3/17/2024 21:15	399	0.05
507365	3/17/2024 14:37	3/17/2024 21:20	403	0
1604432	3/17/2024 14:37	3/17/2024 21:16	399	0
1268231	3/17/2024 14:38	3/17/2024 21:22	404	0
325050	3/17/2024 14:38	3/17/2024 21:17	399	0
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1517239	3/17/2024 14:38	3/17/2024 15:09	31	0
1362646	3/17/2024 14:39	3/17/2024 14:44	5	0
658658	3/17/2024 14:39	3/17/2024 21:18	399	0.01
1363415	3/17/2024 14:39	3/17/2024 21:18	399	0.65
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1363588	3/17/2024 14:39	3/17/2024 21:13	394	0.22
511266	3/17/2024 14:40	3/17/2024 21:24	404	0
317233	3/17/2024 14:40	3/17/2024 21:19	399	0.15
564518	3/17/2024 14:40	3/17/2024 21:24	404	0
1518000	3/17/2024 14:41	3/17/2024 15:12	31	0.11
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1361770	3/17/2024 14:41	3/17/2024 21:15	394	0.19
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1362130	3/17/2024 14:41	3/17/2024 21:20	399	0.13
336103	3/17/2024 14:41	3/17/2024 21:20	399	0
646026	3/17/2024 14:42	3/17/2024 21:16	394	0
1453263	3/17/2024 14:42	3/17/2024 21:27	405	0
345752	3/17/2024 14:42	3/17/2024 14:47	5	0
6714863	3/17/2024 14:42	3/17/2024 21:26	404	0.1
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1456419	3/17/2024 14:42	3/17/2024 21:20	398	0
954637	3/17/2024 14:43	3/17/2024 21:12	389	0
664453	3/17/2024 14:43	3/17/2024 21:22	399	0
549259	3/17/2024 14:43	3/17/2024 21:17	394	0
645339	3/17/2024 14:43	3/17/2024 21:22	399	0.33
956579	3/17/2024 14:43	3/17/2024 21:16	393	0
957615	3/17/2024 14:43	3/18/2024 0:48	605	0
1362646	3/17/2024 14:44	3/17/2024 14:55	11	0
954332	3/17/2024 14:44	3/17/2024 21:07	383	0.22
252859	3/17/2024 14:44	3/17/2024 21:24	400	0.33
6828301	3/17/2024 14:44	3/17/2024 21:24	400	0
656343	3/17/2024 14:44	3/17/2024 21:17	393	0.36
956559	3/17/2024 14:45	3/17/2024 21:13	388	0.1
1567316	3/17/2024 14:45	3/17/2024 21:19	394	0.06
952445	3/17/2024 14:45	3/17/2024 21:19	394	0
259674	3/17/2024 14:46	3/17/2024 21:20	394	0
1513240	3/17/2024 14:47	3/17/2024 21:26	399	0.1
1672745	3/17/2024 14:47	3/17/2024 21:26	399	0
345752	3/17/2024 14:47	3/18/2024 10:00	1152.2	0
51483	3/17/2024 14:47	3/17/2024 21:21	394	0
926657	3/17/2024 14:47	3/17/2024 21:15	388	0
456048	3/17/2024 14:47	3/17/2024 21:21	394	0
663982	3/17/2024 14:47	3/17/2024 14:57	10	0
8950281	3/17/2024 14:48	3/17/2024 21:27	399	0
7533405	3/17/2024 14:48	3/17/2024 14:58	10	0.05
1565203	3/17/2024 14:48	3/17/2024 21:22	394	0.2
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926638	3/17/2024 14:49	3/17/2024 21:12	383	0
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456084	3/17/2024 14:51	3/17/2024 21:19	388	0
1664433	3/17/2024 14:51	3/17/2024 15:38	47	0
1394324	3/17/2024 14:51	3/17/2024 15:07	16	0
314564	3/17/2024 14:53	3/17/2024 21:16	383	0.21
1332906	3/17/2024 14:53	3/17/2024 21:11	378	0
316630	3/17/2024 14:54	3/17/2024 21:27	393	0

553755	3/17/2024 14:54	3/17/2024 21:23	389	0
315380	3/17/2024 14:54	3/17/2024 21:28	394	0
1516432	3/17/2024 14:55	3/17/2024 15:10	15	0
1517747	3/17/2024 14:55	3/17/2024 15:11	16	0.02
1362646	3/17/2024 14:55	3/17/2024 15:00	5	0
315604	3/17/2024 14:55	3/17/2024 21:18	383	0
975066	3/17/2024 14:56	3/17/2024 21:24	388	0
313731	3/17/2024 14:57	3/17/2024 21:28	391	0.24
1516997	3/17/2024 14:57	3/17/2024 15:07	10	0.02
313011	3/17/2024 14:57	3/17/2024 21:25	388	0
663982	3/17/2024 14:57	3/17/2024 15:02	5	0
315616	3/17/2024 14:57	3/17/2024 21:30	393	0
304295	3/17/2024 14:57	3/17/2024 16:00	63	0
347031	3/17/2024 14:58	3/17/2024 21:16	378	0
7533405	3/17/2024 14:58	3/17/2024 18:28	210	0
8511715	3/17/2024 14:58	3/17/2024 21:16	378	0
313954	3/17/2024 14:58	3/17/2024 21:26	388	0
314163	3/17/2024 14:58	3/17/2024 21:32	394	0
10371797	3/17/2024 14:58	3/17/2024 21:29	391	0
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5834752	3/17/2024 15:01	3/17/2024 21:14	373	0
344641	3/17/2024 15:01	3/17/2024 21:18	377	0
345394	3/17/2024 15:01	3/17/2024 21:24	383	0
663982	3/17/2024 15:02	3/17/2024 15:13	11	0
1573666	3/17/2024 15:02	3/18/2024 10:00	1137.75	0
445201	3/17/2024 15:02	3/17/2024 21:25	383	0
9063373	3/17/2024 15:06	3/17/2024 15:22	16	0
1516997	3/17/2024 15:07	3/17/2024 21:20	373	0.06
1394324	3/17/2024 15:07	3/17/2024 15:18	11	0
1517291	3/17/2024 15:09	3/17/2024 21:38	389	0
1517239	3/17/2024 15:09	3/17/2024 15:25	16	0
989956	3/17/2024 15:09	3/17/2024 21:11	362	0
1516432	3/17/2024 15:10	3/17/2024 21:20	370	0.03
1362646	3/17/2024 15:10	3/17/2024 15:16	6	0
1517747	3/17/2024 15:11	3/17/2024 21:34	383	0.39
1518000	3/17/2024 15:12	3/17/2024 21:20	368	0
1393699	3/17/2024 15:13	3/17/2024 21:21	368	0
663982	3/17/2024 15:13	3/17/2024 15:18	5	0
1494722	3/17/2024 15:14	3/17/2024 21:26	372	0.2
587455	3/17/2024 15:15	3/17/2024 21:23	368	0
1362646	3/17/2024 15:16	3/17/2024 15:26	10	0
1394324	3/17/2024 15:18	3/17/2024 15:33	15	0
663982	3/17/2024 15:18	3/17/2024 15:24	6	0
54324	3/17/2024 15:18	3/17/2024 21:31	373	0
56060	3/17/2024 15:20	3/17/2024 21:27	367	0
9063373	3/17/2024 15:22	3/17/2024 15:32	10	0

663982	3/17/2024 15:24	3/17/2024 15:29	5	0
8148103	3/17/2024 15:24	3/17/2024 21:31	367	0.77
1517239	3/17/2024 15:25	3/17/2024 15:41	16	0
563241	3/17/2024 15:25	3/17/2024 21:17	352	0
553863	3/17/2024 15:26	3/17/2024 21:18	352	0
346462	3/17/2024 15:26	3/17/2024 21:26	360	0
1362646	3/17/2024 15:26	3/17/2024 15:32	6	0
316997	3/17/2024 15:27	3/17/2024 21:29	362	0.45
41508	3/17/2024 15:28	3/17/2024 21:14	346	0
663982	3/17/2024 15:29	3/17/2024 15:39	10	0
1020274	3/17/2024 15:29	3/17/2024 21:11	342	0
1599209	3/17/2024 15:31	3/17/2024 21:13	342	0
1362646	3/17/2024 15:32	3/17/2024 15:42	10	0
9063373	3/17/2024 15:32	3/17/2024 15:48	16	0
1394324	3/17/2024 15:33	3/17/2024 15:49	16	0
449377	3/17/2024 15:35	3/17/2024 16:59	84	0
1664433	3/17/2024 15:38	3/17/2024 16:05	27	0
663982	3/17/2024 15:39	3/17/2024 15:44	5	0
1517239	3/17/2024 15:41	3/17/2024 21:33	352	0
1362646	3/17/2024 15:42	3/17/2024 15:47	5	0
663982	3/17/2024 15:44	3/17/2024 15:55	11	0
1362646	3/17/2024 15:47	3/17/2024 15:52	5	0
9063373	3/17/2024 15:48	3/17/2024 21:29	341	0
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1394324	3/17/2024 15:49	3/17/2024 21:30	341	0
1417138	3/17/2024 15:49	3/17/2024 16:37	48	0
1362646	3/17/2024 15:52	3/17/2024 15:58	6	0
1701172	3/17/2024 15:53	3/17/2024 21:08	315	0
663982	3/17/2024 15:55	3/17/2024 16:00	5	0
1362646	3/17/2024 15:58	3/17/2024 16:08	10	0
303811	3/17/2024 15:59	3/17/2024 21:29	330	0
304295	3/17/2024 16:00	3/17/2024 21:32	332	0
663982	3/17/2024 16:00	3/17/2024 16:11	11	0
988954	3/17/2024 16:02	3/17/2024 21:11	309	0
1393633	3/17/2024 16:02	3/17/2024 16:28	26	0.21
1664433	3/17/2024 16:05	3/17/2024 16:20	15	0
1362646	3/17/2024 16:08	3/17/2024 16:13	5	0
663982	3/17/2024 16:11	3/17/2024 16:16	5	0
1362646	3/17/2024 16:13	3/17/2024 16:24	11	0
663982	3/17/2024 16:16	3/17/2024 16:26	10	0
1567514	3/17/2024 16:17	3/17/2024 16:33	16	0
423814	3/17/2024 16:18	3/17/2024 21:17	299	0.16
1565246	3/17/2024 16:19	3/18/2024 10:00	1060.75	0
1664433	3/17/2024 16:20	3/17/2024 21:30	310	0
1362646	3/17/2024 16:24	3/17/2024 16:29	5	0
663982	3/17/2024 16:26	3/17/2024 16:32	6	0
1393633	3/17/2024 16:28	3/17/2024 21:17	289	0

1362646	3/17/2024 16:29	3/18/2024 10:00	1050.27	0
663982	3/17/2024 16:32	3/17/2024 16:58	26	0
1567514	3/17/2024 16:33	3/17/2024 21:16	283	0
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663982	3/17/2024 16:58	3/17/2024 17:03	5	0
449377	3/17/2024 16:59	3/17/2024 17:20	21	0
663982	3/17/2024 17:03	3/18/2024 9:09	966	0
1350104	3/17/2024 17:11	3/17/2024 21:23	252	0
1351588	3/17/2024 17:14	3/17/2024 21:31	257	0
980398	3/17/2024 17:19	3/18/2024 9:19	960	0
449377	3/17/2024 17:20	3/17/2024 17:47	27	0
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1301644	3/17/2024 18:00	3/17/2024 21:14	194	0
449377	3/17/2024 18:13	3/17/2024 18:44	31	0
7533405	3/17/2024 18:28	3/18/2024 10:00	931.2	0
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449377	3/17/2024 19:11	3/17/2024 19:53	42	0
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449377	3/17/2024 20:14	3/17/2024 20:56	42	0
1503739	3/17/2024 20:19	3/18/2024 3:40	441	0
980870	3/17/2024 20:21	3/18/2024 8:02	701	0
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415195	3/17/2024 20:22	3/18/2024 10:00	817.8	0
979888	3/17/2024 20:22	3/18/2024 10:00	817	0
539938	3/17/2024 20:25	3/18/2024 10:00	814.8	0
1307575	3/17/2024 20:42	3/18/2024 10:00	797.27	0
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264379	3/17/2024 20:49	3/18/2024 10:00	790.2	0
265473	3/17/2024 20:51	3/18/2024 10:00	788.2	0
266906	3/17/2024 20:52	3/18/2024 10:00	787.2	0
1602693	3/17/2024 20:54	3/18/2024 10:00	785.75	0
449377	3/17/2024 20:56	3/17/2024 21:27	31	0
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989956	3/17/2024 21:11	3/18/2024 10:00	768	0
816722	3/17/2024 21:12	3/18/2024 10:00	767.42	0
1309098	3/17/2024 21:12	3/18/2024 9:53	761	0
1321605	3/17/2024 21:12	3/18/2024 9:26	734	0
1320008	3/17/2024 21:12	3/18/2024 10:00	767.27	0
954637	3/17/2024 21:12	3/18/2024 10:00	767	0

926638	3/17/2024 21:12	3/18/2024 10:00	767.42	0
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860281	3/17/2024 21:13	3/18/2024 10:00	766.42	0
675499	3/17/2024 21:13	3/18/2024 10:00	766.42	0
1363588	3/17/2024 21:13	3/18/2024 10:00	766.27	0
926503	3/17/2024 21:13	3/18/2024 10:00	766.42	0
1321663	3/17/2024 21:13	3/18/2024 8:25	672	0
956559	3/17/2024 21:13	3/18/2024 10:00	766	0
1320619	3/17/2024 21:14	3/18/2024 8:25	671	0
1272457	3/17/2024 21:14	3/18/2024 10:00	765.27	0
41508	3/17/2024 21:14	3/18/2024 10:00	765.2	0
1432827	3/17/2024 21:14	3/18/2024 10:00	765.75	0
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1301644	3/17/2024 21:14	3/18/2024 10:00	765.27	0
1704232	3/17/2024 21:14	3/18/2024 10:00	765.27	0
2032900	3/17/2024 21:14	3/18/2024 8:26	672	0
510307	3/17/2024 21:15	3/18/2024 10:00	764.8	0
926657	3/17/2024 21:15	3/18/2024 10:00	764.42	0
1361770	3/17/2024 21:15	3/18/2024 10:00	764.27	0
1493766	3/17/2024 21:15	3/18/2024 10:00	764.27	0
347031	3/17/2024 21:16	3/18/2024 10:00	763.2	0
956579	3/17/2024 21:16	3/18/2024 10:00	763	0
8511715	3/17/2024 21:16	3/18/2024 10:00	763.2	0
1567514	3/17/2024 21:16	3/18/2024 10:00	763.75	0
1604432	3/17/2024 21:16	3/18/2024 10:00	763.75	0
646026	3/17/2024 21:16	3/18/2024 10:00	763.8	0
314564	3/17/2024 21:16	3/18/2024 10:00	763.2	0
1093722	3/17/2024 21:16	3/18/2024 8:23	667	0
325050	3/17/2024 21:17	3/18/2024 9:06	709	0
817825	3/17/2024 21:17	3/18/2024 10:00	762.42	0
656343	3/17/2024 21:17	3/18/2024 10:00	762.42	0
549259	3/17/2024 21:17	3/18/2024 10:00	762.8	0
47769	3/17/2024 21:17	3/18/2024 10:00	762.2	0
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590897	3/17/2024 21:17	3/18/2024 10:00	762.8	0
315169	3/17/2024 21:17	3/18/2024 9:33	736	0
314188	3/17/2024 21:17	3/18/2024 9:32	735	0
563241	3/17/2024 21:17	3/18/2024 10:00	762.8	0
1513398	3/17/2024 21:17	3/18/2024 10:00	762.75	0
1597834	3/17/2024 21:17	3/18/2024 10:00	762.75	0
1393633	3/17/2024 21:17	3/18/2024 10:00	762.27	0
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1602630	3/17/2024 21:18	3/18/2024 10:00	761.75	0
1431804	3/17/2024 21:18	3/18/2024 10:00	761.75	0
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7097388	3/17/2024 21:18	3/18/2024 10:00	761.27	0
790670	3/17/2024 21:18	3/18/2024 10:00	761.42	0
344641	3/17/2024 21:18	3/18/2024 10:00	761.2	0
353651	3/17/2024 21:18	3/18/2024 10:00	761.2	0
1321114	3/17/2024 21:18	3/18/2024 8:25	667	0
1355611	3/17/2024 21:18	3/18/2024 10:00	761.27	0
1363415	3/17/2024 21:18	3/18/2024 10:00	761.27	0
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1267978	3/17/2024 21:18	3/18/2024 9:30	732	0
317797	3/17/2024 21:19	3/18/2024 9:40	741	0
1567316	3/17/2024 21:19	3/18/2024 10:00	760.75	0
500173	3/17/2024 21:19	3/18/2024 10:00	760.8	0
552210	3/17/2024 21:19	3/18/2024 7:54	635	0
12376755	3/17/2024 21:19	3/18/2024 9:56	757	0
1415828	3/17/2024 21:19	3/18/2024 10:00	760.27	0
952445	3/17/2024 21:19	3/18/2024 10:00	760	0
317233	3/17/2024 21:19	3/18/2024 9:39	740	0
456084	3/17/2024 21:19	3/18/2024 10:00	760.8	0
1321750	3/17/2024 21:20	3/18/2024 8:22	662	0
1466357	3/17/2024 21:20	3/18/2024 10:00	759.75	0
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1518000	3/17/2024 21:20	3/18/2024 10:00	759.75	0
444688	3/17/2024 21:20	3/18/2024 10:00	759.8	0
588892	3/17/2024 21:20	3/18/2024 10:00	759.8	0
1516997	3/17/2024 21:20	3/18/2024 10:00	759.75	0
507365	3/17/2024 21:20	3/18/2024 10:00	759.8	0
1516432	3/17/2024 21:20	3/18/2024 10:00	759.75	0
259674	3/17/2024 21:20	3/18/2024 10:00	759.2	0
793285	3/17/2024 21:20	3/18/2024 10:00	759.42	0
1599629	3/17/2024 21:20	3/18/2024 10:00	759.75	0
1456419	3/17/2024 21:20	3/18/2024 10:00	759.75	0
1362130	3/17/2024 21:20	3/18/2024 10:00	759.27	0
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324290	3/17/2024 21:20	3/18/2024 10:00	759.2	0
926505	3/17/2024 21:20	3/18/2024 10:00	759.42	0
1465391	3/17/2024 21:21	3/18/2024 8:26	665	0
51483	3/17/2024 21:21	3/18/2024 9:05	704	0
456048	3/17/2024 21:21	3/18/2024 10:00	758.8	0
916360	3/17/2024 21:21	3/18/2024 10:00	758.42	0
1385431	3/17/2024 21:21	3/18/2024 10:00	758.27	0
1393699	3/17/2024 21:21	3/18/2024 9:26	725	0
574596	3/17/2024 21:21	3/18/2024 10:00	758.8	0
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353082	3/17/2024 21:22	3/18/2024 10:00	757.2	0
315730	3/17/2024 21:22	3/18/2024 9:32	730	0
664453	3/17/2024 21:22	3/18/2024 9:57	755	0
328113	3/17/2024 21:22	3/18/2024 10:00	757.2	0

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449036	3/17/2024 21:22	3/18/2024 10:00	757.8	0
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645339	3/17/2024 21:22	3/18/2024 10:00	757.8	0
1565203	3/17/2024 21:22	3/18/2024 10:00	757.75	0
553755	3/17/2024 21:23	3/18/2024 10:00	756.8	0
1350104	3/17/2024 21:23	3/18/2024 8:56	693	0
1430294	3/17/2024 21:23	3/18/2024 10:00	756.75	0
1538577	3/17/2024 21:23	3/18/2024 10:00	756.75	0
587455	3/17/2024 21:23	3/18/2024 10:00	756.8	0
345394	3/17/2024 21:24	3/18/2024 10:00	755.2	0
6828301	3/17/2024 21:24	3/18/2024 9:44	740	0
975066	3/17/2024 21:24	3/18/2024 10:00	755	0
564518	3/17/2024 21:24	3/18/2024 10:00	755.8	0
1414392	3/17/2024 21:24	3/18/2024 10:00	755.27	0
1320646	3/17/2024 21:24	3/18/2024 8:26	662	0
511266	3/17/2024 21:24	3/18/2024 10:00	755.8	0
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348007	3/17/2024 21:24	3/18/2024 10:00	755.2	0
304785	3/17/2024 21:24	3/18/2024 9:26	722	0
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445201	3/17/2024 21:25	3/18/2024 10:00	754.8	0
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1494722	3/17/2024 21:26	3/18/2024 9:30	724	0
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1672745	3/17/2024 21:26	3/18/2024 10:00	753.8	0
756553	3/17/2024 21:26	3/18/2024 10:00	753.8	0
6714863	3/17/2024 21:26	3/18/2024 10:00	753.42	0
1251782	3/17/2024 21:26	3/18/2024 10:00	753.42	0
56196	3/17/2024 21:27	3/18/2024 10:00	752.2	0
1416360	3/17/2024 21:27	3/18/2024 10:00	752.27	0
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316630	3/17/2024 21:27	3/18/2024 10:00	752.2	0
1554218	3/17/2024 21:27	3/18/2024 10:00	752.75	0
56060	3/17/2024 21:27	3/18/2024 10:00	752.2	0
8950281	3/17/2024 21:27	3/18/2024 9:00	693	0
1453263	3/17/2024 21:27	3/18/2024 10:00	752.75	0
916118	3/17/2024 21:27	3/18/2024 10:00	752.42	0
1600016	3/17/2024 21:28	3/18/2024 10:00	751.75	0
1361528	3/17/2024 21:28	3/18/2024 10:00	751.27	0

1310926	3/17/2024 21:28	3/18/2024 9:54	746	0
49209	3/17/2024 21:28	3/18/2024 10:00	751.2	0
304845	3/17/2024 21:28	3/18/2024 9:27	719	0
313731	3/17/2024 21:28	3/18/2024 10:00	751.2	0
324045	3/17/2024 21:28	3/18/2024 10:00	751.2	0
1493132	3/17/2024 21:28	3/18/2024 9:17	709	0
601397	3/17/2024 21:28	3/18/2024 10:00	751.8	0
315380	3/17/2024 21:28	3/18/2024 10:00	751.2	0
316997	3/17/2024 21:29	3/18/2024 10:00	750.2	0
9063373	3/17/2024 21:29	3/18/2024 9:51	742	0
1307027	3/17/2024 21:29	3/18/2024 10:00	750.27	0
642003	3/17/2024 21:29	3/18/2024 10:00	750.8	0
10371797	3/17/2024 21:29	3/18/2024 10:00	750.2	0
1599504	3/17/2024 21:29	3/18/2024 10:00	750.75	0
303811	3/17/2024 21:29	3/18/2024 10:00	750.2	0
1664433	3/17/2024 21:30	3/18/2024 10:00	749.42	0
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1462990	3/17/2024 21:30	3/18/2024 10:00	749.75	0
315616	3/17/2024 21:30	3/18/2024 10:00	749.2	0
1394324	3/17/2024 21:30	3/18/2024 9:51	741	0
8148103	3/17/2024 21:31	3/18/2024 10:00	748.2	0
345427	3/17/2024 21:31	3/18/2024 10:00	748.2	0
54324	3/17/2024 21:31	3/18/2024 10:00	748.2	0
1351588	3/17/2024 21:31	3/18/2024 8:43	672	0
304295	3/17/2024 21:32	3/18/2024 9:26	714	0
314163	3/17/2024 21:32	3/18/2024 10:00	747.2	0
574993	3/17/2024 21:32	3/18/2024 9:05	693	0
1550566	3/17/2024 21:33	3/18/2024 10:00	746.75	0
1517239	3/17/2024 21:33	3/18/2024 10:00	746.75	0
1556434	3/17/2024 21:33	3/18/2024 10:00	746.75	0
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1514256	3/17/2024 21:34	3/18/2024 10:00	745.75	0
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1517291	3/17/2024 21:38	3/18/2024 10:00	741.75	0
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449377	3/17/2024 22:05	3/17/2024 22:46	41	0
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449377	3/17/2024 22:56	3/18/2024 0:15	79	0
449377	3/18/2024 0:15	3/18/2024 0:47	32	0
449377	3/18/2024 0:47	3/18/2024 1:02	15	0
957615	3/18/2024 0:48	3/18/2024 10:00	551	0
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449377	3/18/2024 2:00	3/18/2024 2:37	37	0
449377	3/18/2024 2:37	3/18/2024 3:08	31	0
449377	3/18/2024 3:08	3/18/2024 3:50	42	0
1503739	3/18/2024 3:40	3/18/2024 8:18	278	0
449377	3/18/2024 3:50	3/18/2024 6:07	137	0

449377	3/18/2024 6:07	3/18/2024 7:10	63	0
449377	3/18/2024 7:10	3/18/2024 7:47	37	0
449377	3/18/2024 7:47	3/18/2024 8:02	15	0
552210	3/18/2024 7:54	3/18/2024 10:00	125.8	0
1376158	3/18/2024 7:58	3/18/2024 10:00	121.27	0
1445317	3/18/2024 7:58	3/18/2024 10:00	121.75	0
449377	3/18/2024 8:02	3/18/2024 8:29	27	0
980870	3/18/2024 8:02	3/18/2024 10:00	117	0
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980132	3/18/2024 8:18	3/18/2024 10:00	101	0
1321750	3/18/2024 8:22	3/18/2024 10:00	97.27	0
1093722	3/18/2024 8:23	3/18/2024 10:00	96.8	0
1320845	3/18/2024 8:24	3/18/2024 10:00	95.27	0
1321663	3/18/2024 8:25	3/18/2024 10:00	94.27	0
1320619	3/18/2024 8:25	3/18/2024 10:00	94.27	0
1321114	3/18/2024 8:25	3/18/2024 10:00	94.27	0
1465391	3/18/2024 8:26	3/18/2024 10:00	93.75	0
2032900	3/18/2024 8:26	3/18/2024 10:00	93.27	0
1320646	3/18/2024 8:26	3/18/2024 10:00	93.27	0
449377	3/18/2024 8:29	3/18/2024 9:26	57	0
8511623	3/18/2024 8:38	3/18/2024 10:00	81.2	0
1351588	3/18/2024 8:43	3/18/2024 8:54	11	0
1351588	3/18/2024 8:54	3/18/2024 10:00	65.27	0
1350104	3/18/2024 8:56	3/18/2024 10:00	63.27	0
183822	3/18/2024 8:58	3/18/2024 10:00	61.2	0
8950281	3/18/2024 9:00	3/18/2024 10:00	59.2	0
574993	3/18/2024 9:05	3/18/2024 10:00	54.8	0
51483	3/18/2024 9:05	3/18/2024 10:00	54.2	0
325050	3/18/2024 9:06	3/18/2024 10:00	53.2	0
663982	3/18/2024 9:09	3/18/2024 9:14	5	0
385332	3/18/2024 9:11	3/18/2024 10:00	48.8	0
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982457	3/18/2024 9:15	3/18/2024 10:00	44	0
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980398	3/18/2024 9:19	3/18/2024 10:00	40	0
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663982	3/18/2024 9:25	3/18/2024 9:30	5	0
1377303	3/18/2024 9:25	3/18/2024 10:00	34.27	0
304785	3/18/2024 9:26	3/18/2024 10:00	33.2	0
304295	3/18/2024 9:26	3/18/2024 10:00	33.2	0
449377	3/18/2024 9:26	3/18/2024 9:47	21	0
1321605	3/18/2024 9:26	3/18/2024 10:00	33.27	0
1393699	3/18/2024 9:26	3/18/2024 10:00	33.27	0
304845	3/18/2024 9:27	3/18/2024 10:00	32.2	0
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1494722	3/18/2024 9:30	3/18/2024 10:00	29.27	0.09
663982	3/18/2024 9:30	3/18/2024 9:41	11	0

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314188	3/18/2024 9:32	3/18/2024 10:00	27.2	0
320966	3/18/2024 9:32	3/18/2024 10:00	27.2	0
315169	3/18/2024 9:33	3/18/2024 10:00	26.2	0
523489	3/18/2024 9:37	3/18/2024 10:00	22.2	0.26
314899	3/18/2024 9:38	3/18/2024 10:00	21.2	0
6280623	3/18/2024 9:39	3/18/2024 10:00	20.2	0
317233	3/18/2024 9:39	3/18/2024 10:00	20.2	0
317797	3/18/2024 9:40	3/18/2024 10:00	19.2	0
8104722	3/18/2024 9:40	3/18/2024 10:00	19.2	0
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317084	3/18/2024 9:42	3/18/2024 10:00	17.2	0
6828301	3/18/2024 9:44	3/18/2024 10:00	15.2	0
663982	3/18/2024 9:46	3/18/2024 9:56	10	0
449377	3/18/2024 9:47	3/18/2024 10:00	12.8	0
971524	3/18/2024 9:50	3/18/2024 10:00	9.8	0
9063373	3/18/2024 9:51	3/18/2024 10:00	8.27	0
1394324	3/18/2024 9:51	3/18/2024 10:00	8.27	0
627018	3/18/2024 9:52	3/18/2024 10:00	7.8	0
1309098	3/18/2024 9:53	3/18/2024 10:00	6.27	0.02
1310926	3/18/2024 9:54	3/18/2024 10:00	5.27	0
627289	3/18/2024 9:54	3/18/2024 10:00	5.8	0
12376755	3/18/2024 9:56	3/18/2024 10:00	3.27	0
663982	3/18/2024 9:56	3/18/2024 10:00	3.42	0
664453	3/18/2024 9:57	3/18/2024 10:00	2.42	0
1326407	3/18/2024 9:59	3/18/2024 10:00	0.27	0
315730	3/18/2024 10:00	3/18/2024 21:21	681	0.32
25066	3/18/2024 10:00	3/19/2024 10:00	1439.2	0
253877	3/18/2024 10:00	3/19/2024 10:00	1439.2	0
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96751	3/18/2024 10:00	3/19/2024 10:00	1439.2	0
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447406	3/18/2024 10:00	3/18/2024 15:14	314	0
1190246	3/18/2024 10:00	3/19/2024 10:00	1439.27	0
47769	3/18/2024 10:00	3/18/2024 20:59	659	0.16
1288420	3/18/2024 10:00	3/18/2024 11:29	89	0
1413046	3/18/2024 10:00	3/19/2024 10:00	1439.27	0

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562202	3/18/2024 10:00	3/19/2024 10:00	1439.8	0
10433250	3/18/2024 10:00	3/18/2024 16:32	392	0
1362646	3/18/2024 10:00	3/18/2024 14:11	251	0
314188	3/18/2024 10:00	3/18/2024 21:16	676	0
711121	3/18/2024 10:00	3/19/2024 10:00	1439.42	0
49209	3/18/2024 10:00	3/18/2024 21:05	665	0
7879030	3/18/2024 10:00	3/19/2024 10:00	1439.8	0
441757	3/18/2024 10:00	3/19/2024 10:00	1439.8	0
645339	3/18/2024 10:00	3/18/2024 11:40	100	0.17
574993	3/18/2024 10:00	3/18/2024 21:20	680	0
953854	3/18/2024 10:00	3/19/2024 10:00	1439	0
675499	3/18/2024 10:00	3/18/2024 11:33	93	0
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1516579	3/18/2024 10:00	3/18/2024 11:38	98	0
1368580	3/18/2024 10:00	3/19/2024 10:00	1439.27	0
740241	3/18/2024 10:00	3/19/2024 10:00	1439.42	0
1516786	3/18/2024 10:00	3/19/2024 10:00	1439.75	0
315169	3/18/2024 10:00	3/18/2024 21:17	677	0
9063373	3/18/2024 10:00	3/18/2024 11:36	96	0
1430644	3/18/2024 10:01	3/18/2024 14:32	271	0.3
624716	3/18/2024 10:04	3/18/2024 11:23	79	0
1430838	3/18/2024 10:04	3/18/2024 14:16	252	0
605186	3/18/2024 10:04	3/18/2024 21:16	672	1.05
903630	3/18/2024 10:05	3/18/2024 13:35	210	0.12
1430553	3/18/2024 10:05	3/18/2024 14:17	252	0
1412757	3/18/2024 10:05	3/18/2024 14:22	257	0
1394324	3/18/2024 10:06	3/18/2024 11:35	89	0
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1362130	3/18/2024 10:06	3/18/2024 11:25	79	0
1587793	3/18/2024 10:07	3/18/2024 11:26	79	0
510307	3/18/2024 10:07	3/18/2024 11:53	106	0.12
663982	3/18/2024 10:07	3/18/2024 11:10	63	0
1267978	3/18/2024 10:07	3/18/2024 11:36	89	0
1361770	3/18/2024 10:07	3/18/2024 14:08	241	0.42
345752	3/18/2024 10:07	3/19/2024 10:00	1432.2	0
1377303	3/18/2024 10:07	3/18/2024 21:24	677	0
8724096	3/18/2024 10:07	3/19/2024 10:00	1432.27	0
636274	3/18/2024 10:07	3/19/2024 10:00	1432.8	0
1321750	3/18/2024 10:07	3/18/2024 21:08	661	0
8206792	3/18/2024 10:08	3/18/2024 20:12	604	0
1313814	3/18/2024 10:08	3/19/2024 10:00	1431.27	0
1453263	3/18/2024 10:08	3/18/2024 21:14	666	0
511223	3/18/2024 10:08	3/18/2024 11:53	105	0
1446401	3/18/2024 10:08	3/18/2024 20:59	651	0

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7937779	3/18/2024 10:08	3/18/2024 14:15	247	0
626477	3/18/2024 10:08	3/18/2024 11:22	74	0
646026	3/18/2024 10:08	3/18/2024 11:37	89	0
664030	3/18/2024 10:08	3/19/2024 10:00	1431.42	0
1321605	3/18/2024 10:08	3/18/2024 21:00	652	0.1
1320008	3/18/2024 10:08	3/18/2024 20:59	651	0.18
1343695	3/18/2024 10:08	3/19/2024 10:00	1431.27	0
1307027	3/18/2024 10:09	3/18/2024 21:11	662	0
1450250	3/18/2024 10:09	3/18/2024 20:13	604	0.38
1309098	3/18/2024 10:09	3/18/2024 21:05	656	0.96
1310926	3/18/2024 10:09	3/18/2024 21:16	667	0.3
1319739	3/18/2024 10:09	3/19/2024 10:00	1430.27	0
1361528	3/18/2024 10:09	3/18/2024 11:23	74	0
601397	3/18/2024 10:09	3/18/2024 21:16	667	0
510522	3/18/2024 10:09	3/18/2024 11:54	105	0
1320619	3/18/2024 10:10	3/18/2024 11:13	63	0
552210	3/18/2024 10:10	3/18/2024 14:11	241	0
1363588	3/18/2024 10:10	3/18/2024 11:24	74	0.02
25674	3/18/2024 10:10	3/18/2024 14:12	242	0.12
1321114	3/18/2024 10:10	3/18/2024 21:07	657	0.08
509102	3/18/2024 10:10	3/18/2024 11:55	105	0
507365	3/18/2024 10:10	3/18/2024 11:55	105	0
6714863	3/18/2024 10:10	3/18/2024 21:16	666	0.15
790670	3/18/2024 10:10	3/18/2024 21:06	656	0.78
2032900	3/18/2024 10:11	3/18/2024 20:57	646	0
1321663	3/18/2024 10:11	3/18/2024 21:02	651	0.27
793285	3/18/2024 10:11	3/18/2024 21:08	657	0.95
1320646	3/18/2024 10:11	3/18/2024 21:07	656	0.25
26864	3/18/2024 10:11	3/18/2024 14:29	258	0
188639	3/18/2024 10:11	3/18/2024 14:13	242	0.63
511266	3/18/2024 10:11	3/18/2024 11:55	104	0
12376755	3/18/2024 10:11	3/18/2024 21:07	656	0.18
8486022	3/18/2024 10:12	3/18/2024 21:03	651	0
1445317	3/18/2024 10:13	3/18/2024 21:08	655	0
590897	3/18/2024 10:13	3/18/2024 11:46	93	0.45
304785	3/18/2024 10:13	3/18/2024 21:15	662	0
1020274	3/18/2024 10:13	3/18/2024 11:43	90	0.38
1393699	3/18/2024 10:13	3/18/2024 14:30	257	0.43
975066	3/18/2024 10:13	3/18/2024 14:41	268	0
664453	3/18/2024 10:13	3/18/2024 11:42	89	0
1494722	3/18/2024 10:13	3/18/2024 14:30	257	0.54
29635	3/18/2024 10:13	3/18/2024 14:14	241	0.32
385332	3/18/2024 10:14	3/18/2024 21:07	653	0
304845	3/18/2024 10:14	3/18/2024 21:16	662	0
307661	3/18/2024 10:15	3/18/2024 21:17	662	0.07
1019446	3/18/2024 10:15	3/18/2024 11:44	89	0

303811	3/18/2024 10:15	3/18/2024 21:16	661	0
306565	3/18/2024 10:16	3/18/2024 21:42	686	0
320966	3/18/2024 10:16	3/18/2024 14:17	241	0
264379	3/18/2024 10:17	3/18/2024 21:03	646	0
1020565	3/18/2024 10:17	3/18/2024 11:46	89	0.08
56196	3/18/2024 10:18	3/18/2024 11:48	90	0.08
449036	3/18/2024 10:18	3/18/2024 21:07	649	0.76
304295	3/18/2024 10:18	3/18/2024 21:24	666	0.1
449377	3/18/2024 10:19	3/18/2024 11:22	63	0
627289	3/18/2024 10:20	3/18/2024 11:39	79	0.08
971524	3/18/2024 10:21	3/18/2024 11:34	73	0
1093722	3/18/2024 10:23	3/18/2024 14:20	237	0.4
539938	3/18/2024 10:24	3/18/2024 20:27	603	0.12
627018	3/18/2024 10:24	3/18/2024 11:37	73	0.15
1511264	3/18/2024 10:24	3/18/2024 11:54	90	0
1515733	3/18/2024 10:25	3/18/2024 11:38	73	0.1
1511251	3/18/2024 10:26	3/18/2024 11:55	89	0
1456419	3/18/2024 10:26	3/18/2024 21:11	645	0
317233	3/18/2024 10:27	3/18/2024 21:07	640	0.19
317797	3/18/2024 10:27	3/18/2024 21:08	641	0
353651	3/18/2024 10:28	3/18/2024 21:18	650	0.09
23462	3/18/2024 10:28	3/18/2024 14:14	226	0.59
24124	3/18/2024 10:29	3/18/2024 14:16	227	0
980132	3/18/2024 10:29	3/18/2024 11:47	78	0
7533405	3/18/2024 10:29	3/18/2024 12:51	142	0
982457	3/18/2024 10:29	3/18/2024 11:47	78	0
428372	3/18/2024 10:29	3/18/2024 11:33	64	0.02
353082	3/18/2024 10:30	3/18/2024 21:21	651	0.11
561672	3/18/2024 10:31	3/18/2024 21:22	651	0.66
979815	3/18/2024 10:31	3/18/2024 11:45	74	0.07
982261	3/18/2024 10:31	3/18/2024 11:45	74	0
980398	3/18/2024 10:32	3/18/2024 11:40	68	0
430124	3/18/2024 10:33	3/19/2024 10:00	1406.8	0
979888	3/18/2024 10:33	3/18/2024 11:46	73	0
1416360	3/18/2024 10:35	3/18/2024 21:15	640	0
1503739	3/18/2024 10:35	3/18/2024 11:48	73	0
1414392	3/18/2024 10:36	3/18/2024 21:17	641	0.04
1415828	3/18/2024 10:37	3/18/2024 21:07	630	0.01
8104722	3/18/2024 10:37	3/18/2024 21:13	636	0
416557	3/18/2024 10:38	3/18/2024 11:41	63	0
1311232	3/18/2024 10:38	3/18/2024 11:25	47	0
624411	3/18/2024 10:39	3/18/2024 11:21	42	0.01
8148103	3/18/2024 10:39	3/18/2024 11:10	31	0
317084	3/18/2024 10:39	3/18/2024 21:25	646	0
1268231	3/18/2024 10:40	3/18/2024 11:38	58	0
316997	3/18/2024 10:40	3/18/2024 11:12	32	0
189581	3/18/2024 10:40	3/18/2024 14:58	258	0.21

523489	3/18/2024 10:40	3/18/2024 21:37	657	0.69
314899	3/18/2024 10:41	3/18/2024 21:00	619	0.16
34832	3/18/2024 10:41	3/18/2024 21:06	625	0.04
6280623	3/18/2024 10:41	3/18/2024 21:06	625	0.06
35442	3/18/2024 10:41	3/18/2024 21:26	645	0.01
23566	3/18/2024 10:42	3/18/2024 14:12	210	0.01
29848	3/18/2024 10:42	3/18/2024 11:30	48	0.03
34905	3/18/2024 10:42	3/18/2024 21:01	619	0.11
1463520	3/18/2024 10:44	3/18/2024 21:14	630	0
1565203	3/18/2024 10:45	3/18/2024 11:48	63	0
328113	3/18/2024 10:45	3/18/2024 21:23	638	0
27483	3/18/2024 10:45	3/18/2024 11:27	42	0
34887	3/18/2024 10:46	3/18/2024 21:16	630	0.01
378229	3/18/2024 10:47	3/18/2024 21:16	629	0
454372	3/18/2024 10:48	3/19/2024 10:00	1391.8	0
321287	3/18/2024 10:49	3/18/2024 14:19	210	0
1672784	3/18/2024 10:49	3/19/2024 10:00	1390.8	0.01
989956	3/18/2024 10:49	3/18/2024 11:21	32	0
623069	3/18/2024 10:49	3/18/2024 21:11	622	0
1332906	3/18/2024 10:50	3/18/2024 20:59	609	0.13
623612	3/18/2024 10:50	3/18/2024 21:10	620	0
623871	3/18/2024 10:52	3/18/2024 21:04	612	0.04
500173	3/18/2024 10:52	3/18/2024 14:22	210	6.68
401447	3/18/2024 10:53	3/18/2024 20:58	605	0
1520371	3/18/2024 10:53	3/18/2024 11:56	63	0
564518	3/18/2024 10:53	3/18/2024 11:40	47	0
1092960	3/18/2024 10:54	3/18/2024 14:08	194	0
980870	3/18/2024 10:54	3/18/2024 14:19	205	0.01
1521914	3/18/2024 10:54	3/18/2024 21:28	634	0.09
342796	3/18/2024 10:55	3/18/2024 21:20	625	0.13
1519179	3/18/2024 10:55	3/18/2024 11:53	58	0
1519715	3/18/2024 10:55	3/18/2024 11:53	58	0
392223	3/18/2024 10:56	3/18/2024 20:57	601	0
957216	3/18/2024 10:57	3/18/2024 12:00	63	0
1521655	3/18/2024 10:57	3/18/2024 11:54	57	0
553755	3/18/2024 10:57	3/18/2024 11:23	26	0.09
1654064	3/18/2024 10:57	3/18/2024 12:00	63	0
955448	3/18/2024 10:57	3/18/2024 12:15	78	0
345647	3/18/2024 10:57	3/18/2024 21:26	629	0
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954332	3/18/2024 10:58	3/18/2024 11:56	58	0.41
1567316	3/18/2024 10:58	3/18/2024 11:14	16	0
346288	3/18/2024 10:59	3/18/2024 21:13	614	0.08
183822	3/18/2024 11:00	3/18/2024 21:11	611	0
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1466357	3/18/2024 11:00	3/18/2024 11:58	58	0
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1599209	3/18/2024 11:03	3/18/2024 21:16	613	0
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259674	3/18/2024 11:04	3/18/2024 21:13	609	0
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1664433	3/18/2024 11:04	3/18/2024 12:22	78	0
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319726	3/18/2024 11:11	3/18/2024 21:00	589	0.04
1393633	3/18/2024 11:12	3/18/2024 14:31	199	0.52
316997	3/18/2024 11:12	3/18/2024 21:10	598	0.28
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381338	3/18/2024 11:14	3/18/2024 21:18	604	5.74
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945898	3/18/2024 11:20	3/18/2024 14:03	163	0
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989956	3/18/2024 11:21	3/18/2024 14:04	163	0
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449377	3/18/2024 11:22	3/18/2024 12:09	47	0
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626477	3/18/2024 11:22	3/18/2024 11:53	31	0
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1588354	3/18/2024 11:23	3/18/2024 21:22	599	0
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1361528	3/18/2024 11:23	3/18/2024 12:10	47	0
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1307575	3/18/2024 11:24	3/18/2024 21:12	588	0
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1311232	3/18/2024 11:25	3/18/2024 20:57	572	0

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663982	3/18/2024 11:26	3/18/2024 11:31	5	0
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1587793	3/18/2024 11:31	3/18/2024 14:40	189	0
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1288420	3/18/2024 11:34	3/18/2024 11:39	5	0
1394324	3/18/2024 11:35	3/18/2024 11:51	16	0
9063373	3/18/2024 11:36	3/18/2024 11:52	16	0
197356	3/18/2024 11:36	3/18/2024 14:35	179	0.08
1267978	3/18/2024 11:36	3/18/2024 11:52	16	0
646026	3/18/2024 11:37	3/18/2024 11:53	16	0
196965	3/18/2024 11:37	3/18/2024 14:36	179	0.17
627018	3/18/2024 11:37	3/18/2024 11:53	16	0
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1268231	3/18/2024 11:38	3/18/2024 11:54	16	0
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1516579	3/18/2024 11:38	3/18/2024 11:54	16	0
627289	3/18/2024 11:39	3/18/2024 11:54	15	0.05
1288420	3/18/2024 11:39	3/18/2024 11:44	5	0
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645339	3/18/2024 11:40	3/18/2024 11:55	15	0.07
980398	3/18/2024 11:40	3/18/2024 14:18	158	0
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416557	3/18/2024 11:41	3/18/2024 13:37	116	0
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664453	3/18/2024 11:42	3/18/2024 11:58	16	0
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549617	3/18/2024 11:43	3/18/2024 11:58	15	0
1399519	3/18/2024 11:44	3/18/2024 12:00	16	0
1019446	3/18/2024 11:44	3/18/2024 21:01	557	0.02
1288420	3/18/2024 11:44	3/18/2024 12:11	27	0
982261	3/18/2024 11:45	3/18/2024 12:00	15	0
979815	3/18/2024 11:45	3/18/2024 12:00	15	0
1020565	3/18/2024 11:46	3/18/2024 12:25	39	0

979888	3/18/2024 11:46	3/18/2024 12:02	16	0
590897	3/18/2024 11:46	3/18/2024 13:36	110	0.29
980132	3/18/2024 11:47	3/18/2024 12:03	16	0
1672745	3/18/2024 11:47	3/18/2024 21:19	572	0
51483	3/18/2024 11:47	3/18/2024 21:14	567	0.18
663982	3/18/2024 11:47	3/18/2024 11:57	10	0
982457	3/18/2024 11:47	3/18/2024 12:03	16	0
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981933	3/18/2024 11:48	3/18/2024 12:04	16	0
624716	3/18/2024 11:49	3/18/2024 21:13	564	0.48
1539391	3/18/2024 11:50	3/18/2024 12:05	15	0
971524	3/18/2024 11:50	3/18/2024 14:22	152	0.1
1394324	3/18/2024 11:51	3/18/2024 12:07	16	0
1267978	3/18/2024 11:52	3/18/2024 12:36	44	0
9063373	3/18/2024 11:52	3/18/2024 12:03	11	0
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609850	3/18/2024 11:53	3/18/2024 12:41	48	0.12
510307	3/18/2024 11:53	3/18/2024 12:08	15	0.02
627018	3/18/2024 11:53	3/18/2024 14:25	152	0.22
626477	3/18/2024 11:53	3/18/2024 20:59	546	0
511223	3/18/2024 11:53	3/18/2024 12:09	16	0
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1538577	3/18/2024 11:53	3/18/2024 12:08	15	0
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506261	3/18/2024 11:54	3/18/2024 12:11	17	0
1521655	3/18/2024 11:54	3/18/2024 21:21	567	0
1511264	3/18/2024 11:54	3/18/2024 12:25	31	0
1515733	3/18/2024 11:54	3/18/2024 14:27	153	0
627289	3/18/2024 11:54	3/18/2024 14:21	147	0.03
1268231	3/18/2024 11:54	3/18/2024 12:51	57	0.04
510522	3/18/2024 11:54	3/18/2024 12:10	16	0
325050	3/18/2024 11:54	3/18/2024 12:10	16	0
1516579	3/18/2024 11:54	3/18/2024 14:26	152	0
645339	3/18/2024 11:55	3/18/2024 12:37	42	0.13
1511251	3/18/2024 11:55	3/18/2024 12:27	32	0
509102	3/18/2024 11:55	3/18/2024 12:06	11	0
507365	3/18/2024 11:55	3/18/2024 12:10	15	0
511266	3/18/2024 11:55	3/18/2024 12:11	16	0
610737	3/18/2024 11:55	3/18/2024 12:42	47	0.07
1520371	3/18/2024 11:56	3/18/2024 21:13	557	0
1465391	3/18/2024 11:56	3/18/2024 14:28	152	0
1641091	3/18/2024 11:56	3/18/2024 16:40	284	0

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663982	3/18/2024 11:57	3/18/2024 12:02	5	0
549596	3/18/2024 11:57	3/18/2024 12:12	15	0
1524033	3/18/2024 11:57	3/18/2024 14:24	147	0.04
1466357	3/18/2024 11:58	3/18/2024 14:30	152	0
549617	3/18/2024 11:58	3/18/2024 12:09	11	0.03
664453	3/18/2024 11:58	3/18/2024 12:13	15	0
1565203	3/18/2024 11:59	3/18/2024 12:14	15	0
957216	3/18/2024 12:00	3/18/2024 12:11	11	0
979815	3/18/2024 12:00	3/18/2024 14:17	137	0
982261	3/18/2024 12:00	3/18/2024 14:17	137	0.01
1654064	3/18/2024 12:00	3/18/2024 14:42	162	0
1399519	3/18/2024 12:00	3/18/2024 21:20	560	0.09
954637	3/18/2024 12:01	3/18/2024 12:11	10	0
1567316	3/18/2024 12:01	3/18/2024 12:17	16	0
979888	3/18/2024 12:02	3/18/2024 14:19	137	0
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981933	3/18/2024 12:04	3/18/2024 14:15	131	0
1503739	3/18/2024 12:04	3/18/2024 14:15	131	0.01
1539391	3/18/2024 12:05	3/18/2024 21:22	557	0
509102	3/18/2024 12:06	3/18/2024 14:22	136	0
486985	3/18/2024 12:07	3/18/2024 12:18	11	0
1362130	3/18/2024 12:07	3/18/2024 14:09	122	0.02
1394324	3/18/2024 12:07	3/18/2024 14:50	163	0
486880	3/18/2024 12:07	3/19/2024 10:00	1312.8	0
1538577	3/18/2024 12:08	3/18/2024 21:20	552	0
510307	3/18/2024 12:08	3/18/2024 14:24	136	0.13
646026	3/18/2024 12:08	3/18/2024 14:09	121	0.01
511223	3/18/2024 12:09	3/18/2024 14:25	136	0
449377	3/18/2024 12:09	3/18/2024 13:49	100	0
1604432	3/18/2024 12:09	3/18/2024 13:53	104	0
549617	3/18/2024 12:09	3/19/2024 10:00	1310.8	0.07
325050	3/18/2024 12:10	3/18/2024 14:21	131	0
507365	3/18/2024 12:10	3/18/2024 14:27	137	0
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1361528	3/18/2024 12:10	3/18/2024 14:10	120	0
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506261	3/18/2024 12:11	3/18/2024 14:21	130	0.01
1363588	3/18/2024 12:11	3/18/2024 14:11	120	0.06
954637	3/18/2024 12:11	3/18/2024 12:59	48	0
1288420	3/18/2024 12:11	3/18/2024 12:16	5	0
549596	3/18/2024 12:12	3/19/2024 10:00	1307.8	0.01

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174362	3/18/2024 12:13	3/19/2024 10:00	1306.2	0.01
169731	3/18/2024 12:13	3/19/2024 10:00	1306.2	0.02
664453	3/18/2024 12:13	3/18/2024 14:09	116	0
663982	3/18/2024 12:13	3/18/2024 12:18	5	0
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486985	3/18/2024 12:18	3/18/2024 12:49	31	0.01
663982	3/18/2024 12:18	3/18/2024 12:23	5	0
1417138	3/18/2024 12:19	3/18/2024 14:04	105	0
450309	3/18/2024 12:20	3/19/2024 10:00	1299.8	0.03
1664433	3/18/2024 12:22	3/18/2024 21:18	536	0
663982	3/18/2024 12:23	3/18/2024 12:29	6	0
1020565	3/18/2024 12:25	3/18/2024 21:04	519	0.03
1511264	3/18/2024 12:25	3/18/2024 14:52	147	0
1288420	3/18/2024 12:26	3/18/2024 12:32	6	0
1511251	3/18/2024 12:27	3/18/2024 14:54	147	0
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1288420	3/18/2024 12:32	3/18/2024 14:27	115	0
1267978	3/18/2024 12:36	3/18/2024 14:22	106	0
645339	3/18/2024 12:37	3/18/2024 14:12	95	0.07
609850	3/18/2024 12:41	3/19/2024 10:00	1278.8	0.03
610737	3/18/2024 12:42	3/19/2024 10:00	1277.8	0.01
1432827	3/18/2024 12:49	3/18/2024 13:52	63	0
486985	3/18/2024 12:49	3/18/2024 13:05	16	0
1268231	3/18/2024 12:51	3/18/2024 14:25	94	0.01
7533405	3/18/2024 12:51	3/18/2024 14:46	115	0
1431804	3/18/2024 12:52	3/18/2024 13:50	58	0
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590897	3/18/2024 13:36	3/18/2024 14:44	68	0.05
416557	3/18/2024 13:37	3/18/2024 14:24	47	0
663982	3/18/2024 13:42	3/18/2024 13:47	5	0
663982	3/18/2024 13:47	3/18/2024 13:58	11	0
9063373	3/18/2024 13:48	3/18/2024 14:19	31	0
449377	3/18/2024 13:49	3/18/2024 14:57	68	0
56196	3/18/2024 13:49	3/18/2024 14:36	47	0.02

1431804	3/18/2024 13:50	3/18/2024 14:37	47	0
1432827	3/18/2024 13:52	3/18/2024 14:34	42	0
1604432	3/18/2024 13:53	3/18/2024 14:09	16	0
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663982	3/18/2024 14:03	3/18/2024 14:08	5	0
945898	3/18/2024 14:03	3/18/2024 14:19	16	0
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646026	3/18/2024 14:09	3/18/2024 14:40	31	0
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1362646	3/18/2024 14:11	3/18/2024 14:16	5	0
1363588	3/18/2024 14:11	3/18/2024 14:22	11	0
25674	3/18/2024 14:12	3/18/2024 21:06	414	0
645339	3/18/2024 14:12	3/18/2024 14:22	10	0
1468500	3/18/2024 14:12	3/18/2024 22:27	495	0
23566	3/18/2024 14:12	3/18/2024 21:06	414	0.15
9313875	3/18/2024 14:12	3/18/2024 15:35	83	0
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627289	3/18/2024 14:37	3/18/2024 21:06	389	0
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800590	3/18/2024 14:37	3/18/2024 21:01	384	0.13
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957216	3/18/2024 14:43	3/18/2024 21:01	378	0

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449377	3/18/2024 16:47	3/18/2024 17:08	21	0
663982	3/18/2024 16:57	3/18/2024 17:02	5	0
1368745	3/18/2024 16:59	3/18/2024 21:06	247	0
663982	3/18/2024 17:02	3/19/2024 9:27	985	0
449377	3/18/2024 17:08	3/18/2024 18:22	74	0
1350104	3/18/2024 17:10	3/18/2024 21:11	241	0
1351588	3/18/2024 17:12	3/18/2024 21:19	247	0
449377	3/18/2024 18:22	3/18/2024 19:51	89	0
449377	3/18/2024 19:51	3/18/2024 20:23	32	0
8206792	3/18/2024 20:12	3/19/2024 10:00	827.75	0
1450250	3/18/2024 20:13	3/19/2024 10:00	826.75	0
449377	3/18/2024 20:23	3/18/2024 21:10	47	0
539938	3/18/2024 20:27	3/19/2024 10:00	812.8	0
800600	3/18/2024 20:46	3/19/2024 10:00	793.42	0
675499	3/18/2024 20:49	3/19/2024 10:00	790.42	0
945898	3/18/2024 20:52	3/19/2024 10:00	787.42	0
989956	3/18/2024 20:53	3/19/2024 10:00	786	0
800588	3/18/2024 20:53	3/19/2024 10:00	786.42	0
1654064	3/18/2024 20:55	3/19/2024 10:00	784	0
1701172	3/18/2024 20:56	3/19/2024 8:08	672	0
29848	3/18/2024 20:56	3/19/2024 10:00	783.2	0
1363588	3/18/2024 20:56	3/19/2024 10:00	783.27	0
1311232	3/18/2024 20:57	3/19/2024 10:00	782.27	0
1362130	3/18/2024 20:57	3/19/2024 9:53	776	0

2032900	3/18/2024 20:57	3/19/2024 8:11	674	0
392223	3/18/2024 20:57	3/19/2024 10:00	782.8	0
316971	3/18/2024 20:58	3/19/2024 10:00	781.2	0
1361770	3/18/2024 20:58	3/19/2024 9:55	777	0
401447	3/18/2024 20:58	3/19/2024 10:00	781.8	0
956559	3/18/2024 20:58	3/19/2024 10:00	781	0
416557	3/18/2024 20:58	3/19/2024 10:00	781.8	0
47769	3/18/2024 20:59	3/19/2024 10:00	780.2	0
1446401	3/18/2024 20:59	3/19/2024 10:00	780.75	0
1503739	3/18/2024 20:59	3/19/2024 8:47	708	0
1393699	3/18/2024 20:59	3/19/2024 9:31	752	0
1332906	3/18/2024 20:59	3/19/2024 10:00	780.27	0
1320008	3/18/2024 20:59	3/19/2024 9:56	777	0
956579	3/18/2024 20:59	3/19/2024 10:00	780	0
627018	3/18/2024 20:59	3/19/2024 10:00	780.8	0
1093722	3/18/2024 20:59	3/19/2024 8:19	680	0
626477	3/18/2024 20:59	3/19/2024 10:00	780.8	0
1355611	3/18/2024 21:00	3/19/2024 10:00	779.27	0
1321605	3/18/2024 21:00	3/19/2024 10:00	779.27	0
1272457	3/18/2024 21:00	3/19/2024 8:02	662	0
955448	3/18/2024 21:00	3/19/2024 10:00	779	0
314899	3/18/2024 21:00	3/19/2024 10:00	779.2	0
1361528	3/18/2024 21:00	3/19/2024 9:54	774	0
319726	3/18/2024 21:00	3/19/2024 10:00	779.2	0
1020274	3/18/2024 21:00	3/19/2024 10:00	779	0
196965	3/18/2024 21:00	3/19/2024 10:00	779.2	0
957216	3/18/2024 21:01	3/19/2024 10:00	778	0
954637	3/18/2024 21:01	3/19/2024 10:00	778	0
34905	3/18/2024 21:01	3/19/2024 9:01	720	0
800590	3/18/2024 21:01	3/19/2024 10:00	778.42	0
1019446	3/18/2024 21:01	3/19/2024 10:00	778	0
28509	3/18/2024 21:01	3/19/2024 8:55	714	0
1268231	3/18/2024 21:01	3/19/2024 10:00	778	0
1412757	3/18/2024 21:01	3/19/2024 10:00	778.27	0
979815	3/18/2024 21:01	3/19/2024 10:00	778	0
624411	3/18/2024 21:01	3/19/2024 10:00	778.8	0
500173	3/18/2024 21:01	3/19/2024 10:00	778.8	0.06
980398	3/18/2024 21:02	3/19/2024 10:00	777	0
1432827	3/18/2024 21:02	3/19/2024 10:00	777.75	0
1321663	3/18/2024 21:02	3/19/2024 8:09	667	0
8486022	3/18/2024 21:03	3/19/2024 10:00	776.75	0
264379	3/18/2024 21:03	3/19/2024 10:00	776.2	0
903630	3/18/2024 21:04	3/19/2024 10:00	775.42	0
1020565	3/18/2024 21:04	3/19/2024 10:00	775	0
309944	3/18/2024 21:04	3/19/2024 10:00	775.2	0
981933	3/18/2024 21:04	3/19/2024 10:00	775	0
980132	3/18/2024 21:04	3/19/2024 8:15	671	0

623871	3/18/2024 21:04	3/19/2024 10:00	775.8	0
1320845	3/18/2024 21:05	3/19/2024 8:09	664	0
1393633	3/18/2024 21:05	3/19/2024 10:00	774.27	0
1309098	3/18/2024 21:05	3/19/2024 10:00	774.27	0
656343	3/18/2024 21:05	3/19/2024 10:00	774.42	0
49209	3/18/2024 21:05	3/19/2024 10:00	774.2	0
551972	3/18/2024 21:05	3/19/2024 10:00	774.8	0
860281	3/18/2024 21:06	3/19/2024 10:00	773.42	0
627289	3/18/2024 21:06	3/19/2024 10:00	773.8	0
1368745	3/18/2024 21:06	3/19/2024 10:00	773.27	0
23566	3/18/2024 21:06	3/19/2024 10:00	773.2	0
6280623	3/18/2024 21:06	3/19/2024 10:00	773.2	0
790670	3/18/2024 21:06	3/19/2024 10:00	773.42	0
34832	3/18/2024 21:06	3/19/2024 10:00	773.2	0
563241	3/18/2024 21:06	3/19/2024 10:00	773.8	0
982898	3/18/2024 21:06	3/19/2024 10:00	773	0
25674	3/18/2024 21:06	3/19/2024 10:00	773.2	0
952445	3/18/2024 21:07	3/19/2024 10:00	772	0
385332	3/18/2024 21:07	3/19/2024 10:00	772.8	0
553863	3/18/2024 21:07	3/19/2024 10:00	772.8	0
449036	3/18/2024 21:07	3/19/2024 10:00	772.8	0
1320646	3/18/2024 21:07	3/19/2024 8:11	664	0
971524	3/18/2024 21:07	3/19/2024 10:00	772.8	0
12376755	3/18/2024 21:07	3/19/2024 10:00	772.27	0
1415828	3/18/2024 21:07	3/19/2024 10:00	772.27	0
1511251	3/18/2024 21:07	3/19/2024 10:00	772.75	0
1321114	3/18/2024 21:07	3/19/2024 8:08	661	0
956125	3/18/2024 21:07	3/19/2024 10:00	772	0
317233	3/18/2024 21:07	3/19/2024 9:42	755	0
308032	3/18/2024 21:08	3/19/2024 10:00	771.2	0
1493766	3/18/2024 21:08	3/19/2024 10:00	771.27	0
979888	3/18/2024 21:08	3/19/2024 10:00	771	0
1321750	3/18/2024 21:08	3/19/2024 8:08	660	0
980870	3/18/2024 21:08	3/19/2024 8:48	700	0
415949	3/18/2024 21:08	3/19/2024 10:00	771.8	0
793285	3/18/2024 21:08	3/19/2024 10:00	771.42	0
317797	3/18/2024 21:08	3/19/2024 10:00	771.2	0
1445317	3/18/2024 21:08	3/19/2024 7:54	646	0
646026	3/18/2024 21:09	3/19/2024 10:00	770.8	0
23462	3/18/2024 21:09	3/19/2024 10:00	770.2	0
664453	3/18/2024 21:09	3/19/2024 10:00	770.42	0
510307	3/18/2024 21:09	3/19/2024 10:00	770.8	0
954332	3/18/2024 21:09	3/19/2024 10:00	770	0
1466357	3/18/2024 21:09	3/19/2024 10:00	770.75	0
1378582	3/18/2024 21:09	3/19/2024 10:00	770.27	0
1511264	3/18/2024 21:10	3/19/2024 10:00	769.75	0
449377	3/18/2024 21:10	3/18/2024 21:20	10	0

511223	3/18/2024 21:10	3/19/2024 10:00	769.8	0
1378273	3/18/2024 21:10	3/19/2024 10:00	769.27	0
27483	3/18/2024 21:10	3/19/2024 8:57	707	0
316997	3/18/2024 21:10	3/19/2024 10:00	769.2	0
1385431	3/18/2024 21:10	3/19/2024 10:00	769.27	0
10433250	3/18/2024 21:10	3/19/2024 10:00	769.27	0
623612	3/18/2024 21:10	3/19/2024 10:00	769.8	0
9313875	3/18/2024 21:10	3/19/2024 10:00	769.75	0
1307027	3/18/2024 21:11	3/19/2024 10:00	768.27	0
801004	3/18/2024 21:11	3/19/2024 10:00	768.42	0
428372	3/18/2024 21:11	3/19/2024 10:00	768.8	0
1456419	3/18/2024 21:11	3/19/2024 10:00	768.75	0
975066	3/18/2024 21:11	3/19/2024 10:00	768	0
658658	3/18/2024 21:11	3/19/2024 10:00	768.42	0
1459057	3/18/2024 21:11	3/19/2024 10:00	768.75	0
1350104	3/18/2024 21:11	3/19/2024 10:00	768.27	0
623069	3/18/2024 21:11	3/19/2024 10:00	768.8	0
563721	3/18/2024 21:11	3/19/2024 10:00	768.8	0
1431804	3/18/2024 21:11	3/19/2024 10:00	768.75	0
183822	3/18/2024 21:11	3/19/2024 10:00	768.2	0
308802	3/18/2024 21:11	3/19/2024 10:00	768.2	0
7937779	3/18/2024 21:11	3/19/2024 10:00	768.27	0
1307575	3/18/2024 21:12	3/19/2024 10:00	767.27	0
982261	3/18/2024 21:12	3/19/2024 10:00	767	0
1320619	3/18/2024 21:12	3/19/2024 8:11	659	0
511266	3/18/2024 21:12	3/19/2024 10:00	767.8	0
510522	3/18/2024 21:12	3/19/2024 10:00	767.8	0
564518	3/18/2024 21:12	3/19/2024 10:00	767.8	0
26864	3/18/2024 21:13	3/19/2024 8:58	705	0
259674	3/18/2024 21:13	3/19/2024 10:00	766.2	0
346288	3/18/2024 21:13	3/19/2024 10:00	766.2	0
624716	3/18/2024 21:13	3/19/2024 10:00	766.8	0
859747	3/18/2024 21:13	3/19/2024 10:00	766.42	0
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957615	3/18/2024 21:13	3/19/2024 10:00	766	0
1092960	3/18/2024 21:13	3/19/2024 10:00	766.8	0
51483	3/18/2024 21:14	3/19/2024 8:50	696	0
12378019	3/18/2024 21:14	3/19/2024 10:00	765.2	0
10659831	3/18/2024 21:14	3/19/2024 10:00	765.75	0
1453263	3/18/2024 21:14	3/19/2024 10:00	765.75	0
918098	3/18/2024 21:14	3/19/2024 10:00	765.42	0
8148103	3/18/2024 21:14	3/19/2024 10:00	765.2	0
1463520	3/18/2024 21:14	3/19/2024 10:00	765.75	0
1041597	3/18/2024 21:14	3/19/2024 10:00	765	0
1494722	3/18/2024 21:14	3/19/2024 9:27	733	0
29635	3/18/2024 21:14	3/19/2024 8:57	703	0

1463218	3/18/2024 21:14	3/19/2024 10:00	765.75	0
1417138	3/18/2024 21:15	3/19/2024 10:00	764.27	0
304785	3/18/2024 21:15	3/19/2024 9:30	735	0
1416360	3/18/2024 21:15	3/19/2024 10:00	764.27	0
1376158	3/18/2024 21:15	3/19/2024 8:31	676	0
1573666	3/18/2024 21:15	3/19/2024 10:00	764.75	0
24124	3/18/2024 21:15	3/19/2024 9:00	705	0
30471	3/18/2024 21:15	3/19/2024 8:56	701	0
1556486	3/18/2024 21:15	3/19/2024 10:00	764.75	0
314188	3/18/2024 21:16	3/19/2024 10:00	763.2	0
506261	3/18/2024 21:16	3/19/2024 10:00	763.8	0
1310926	3/18/2024 21:16	3/19/2024 10:00	763.27	0
378229	3/18/2024 21:16	3/19/2024 10:00	763.8	0
34887	3/18/2024 21:16	3/19/2024 10:00	763.2	0
325050	3/18/2024 21:16	3/19/2024 10:00	763.2	0
605186	3/18/2024 21:16	3/19/2024 10:00	763.8	0
507365	3/18/2024 21:16	3/19/2024 10:00	763.8	0
6714863	3/18/2024 21:16	3/19/2024 10:00	763.42	0
590897	3/18/2024 21:16	3/19/2024 10:00	763.8	0
265473	3/18/2024 21:16	3/19/2024 10:00	763.2	0
304845	3/18/2024 21:16	3/19/2024 9:27	731	0
1493132	3/18/2024 21:16	3/19/2024 10:00	763.27	0
303811	3/18/2024 21:16	3/19/2024 9:43	747	0
1430294	3/18/2024 21:16	3/19/2024 10:00	763.75	0
1599209	3/18/2024 21:16	3/19/2024 10:00	763.75	0
601397	3/18/2024 21:16	3/19/2024 10:00	763.8	0
1414392	3/18/2024 21:17	3/19/2024 10:00	762.27	0
1465391	3/18/2024 21:17	3/19/2024 10:00	762.75	0
307661	3/18/2024 21:17	3/19/2024 10:00	762.2	0
645339	3/18/2024 21:17	3/19/2024 10:00	762.8	0
315169	3/18/2024 21:17	3/19/2024 10:00	762.2	0
320966	3/18/2024 21:17	3/19/2024 9:17	720	0
1430644	3/18/2024 21:17	3/19/2024 9:34	737	0
1430553	3/18/2024 21:17	3/19/2024 10:00	762.75	0
552210	3/18/2024 21:17	3/19/2024 7:52	635	0
574596	3/18/2024 21:18	3/19/2024 9:53	755	0
353651	3/18/2024 21:18	3/19/2024 10:00	761.2	0
1267978	3/18/2024 21:18	3/19/2024 8:18	660	0
8434548	3/18/2024 21:18	3/19/2024 10:00	761.2	0
1524033	3/18/2024 21:18	3/19/2024 10:00	761.75	0
381338	3/18/2024 21:18	3/19/2024 10:00	761.8	0
1514004	3/18/2024 21:18	3/19/2024 10:00	761.75	0
8524544	3/18/2024 21:18	3/19/2024 10:00	761.2	0
1664433	3/18/2024 21:18	3/19/2024 10:00	761.42	0
562856	3/18/2024 21:18	3/19/2024 10:00	761.8	0
197356	3/18/2024 21:19	3/19/2024 10:00	760.2	0
6828301	3/18/2024 21:19	3/19/2024 10:00	760.2	0

1351588	3/18/2024 21:19	3/19/2024 10:00	760.27	0
1672745	3/18/2024 21:19	3/19/2024 10:00	760.8	0
321287	3/18/2024 21:19	3/19/2024 10:00	760.2	0
1523524	3/18/2024 21:19	3/19/2024 10:00	760.75	0
449377	3/18/2024 21:20	3/18/2024 22:39	79	0
1556434	3/18/2024 21:20	3/19/2024 10:00	759.75	0
574993	3/18/2024 21:20	3/19/2024 9:07	707	0
1399519	3/18/2024 21:20	3/19/2024 10:00	759.27	0
11176351	3/18/2024 21:20	3/19/2024 10:00	759.75	0
56196	3/18/2024 21:20	3/19/2024 10:00	759.2	0
1567514	3/18/2024 21:20	3/19/2024 10:00	759.75	0
342796	3/18/2024 21:20	3/19/2024 10:00	759.2	0
8950281	3/18/2024 21:20	3/19/2024 8:45	685	0
12682110	3/18/2024 21:20	3/19/2024 10:00	759.75	0
1538577	3/18/2024 21:20	3/19/2024 10:00	759.75	0
315730	3/18/2024 21:21	3/19/2024 10:00	758.2	0
353082	3/18/2024 21:21	3/19/2024 10:00	758.2	0
1516579	3/18/2024 21:21	3/19/2024 10:00	758.75	0
553755	3/18/2024 21:21	3/19/2024 10:00	758.8	0
1521655	3/18/2024 21:21	3/19/2024 10:00	758.75	0
1430838	3/18/2024 21:21	3/19/2024 10:00	758.75	0
1554218	3/18/2024 21:21	3/19/2024 10:00	758.75	0
189581	3/18/2024 21:21	3/19/2024 8:58	697	0
1515733	3/18/2024 21:21	3/19/2024 10:00	758.75	0
561672	3/18/2024 21:22	3/19/2024 10:00	757.8	0
1539391	3/18/2024 21:22	3/19/2024 10:00	757.75	0
1469866	3/18/2024 21:22	3/19/2024 10:00	757.75	0
207058	3/18/2024 21:22	3/19/2024 10:00	757.2	0
509102	3/18/2024 21:22	3/19/2024 10:00	757.8	0
1588354	3/18/2024 21:22	3/19/2024 10:00	757.75	0
1519715	3/18/2024 21:22	3/19/2024 10:00	757.75	0
1464949	3/18/2024 21:23	3/19/2024 10:00	756.75	0
328113	3/18/2024 21:23	3/19/2024 10:00	756.2	0
317126	3/18/2024 21:23	3/19/2024 10:00	756.2	0
9063373	3/18/2024 21:24	3/19/2024 10:00	755.27	0
304295	3/18/2024 21:24	3/19/2024 10:00	755.2	0
1394324	3/18/2024 21:24	3/19/2024 9:36	732	0
1556243	3/18/2024 21:24	3/19/2024 10:00	755.75	0
1377303	3/18/2024 21:24	3/19/2024 9:37	733	0
549370	3/18/2024 21:24	3/19/2024 10:00	755.8	0
313269	3/18/2024 21:24	3/19/2024 10:00	755.2	0
1564506	3/18/2024 21:24	3/19/2024 10:00	755.75	0
1375642	3/18/2024 21:25	3/19/2024 10:00	754.27	0
1641091	3/18/2024 21:25	3/19/2024 10:00	754.75	0
1565203	3/18/2024 21:25	3/19/2024 10:00	754.75	0
317084	3/18/2024 21:25	3/19/2024 9:39	734	0
35442	3/18/2024 21:26	3/19/2024 10:00	753.2	0

345647	3/18/2024 21:26	3/19/2024 10:00	753.2	0
1521914	3/18/2024 21:28	3/19/2024 10:00	751.75	0
1602630	3/18/2024 21:30	3/19/2024 10:00	749.75	0
1604432	3/18/2024 21:30	3/19/2024 10:00	749.75	0
324045	3/18/2024 21:32	3/19/2024 10:00	747.2	0
523489	3/18/2024 21:37	3/19/2024 9:40	723	0
306565	3/18/2024 21:42	3/19/2024 10:00	737.2	0
982457	3/18/2024 21:42	3/19/2024 10:00	737	0
353728	3/18/2024 21:54	3/19/2024 10:00	725.2	0
1519179	3/18/2024 22:16	3/19/2024 10:00	703.75	0
1468500	3/18/2024 22:27	3/19/2024 10:00	692.75	0
449377	3/18/2024 22:39	3/18/2024 22:50	11	0
449377	3/18/2024 22:50	3/18/2024 23:00	10	0
449377	3/18/2024 23:00	3/19/2024 0:02	62	0
447406	3/18/2024 23:30	3/19/2024 10:00	629.8	0
449377	3/19/2024 0:02	3/19/2024 0:29	27	0
449377	3/19/2024 0:29	3/19/2024 0:45	16	0
449377	3/19/2024 0:45	3/19/2024 1:06	21	0
449377	3/19/2024 1:06	3/19/2024 1:38	32	0
449377	3/19/2024 1:38	3/19/2024 1:43	5	0
449377	3/19/2024 1:43	3/19/2024 2:56	73	0
449377	3/19/2024 2:56	3/19/2024 6:40	224	0
1093833	3/19/2024 3:10	3/19/2024 10:00	409.8	0
449377	3/19/2024 6:40	3/19/2024 6:55	15	0
449377	3/19/2024 6:55	3/19/2024 7:16	21	0
449377	3/19/2024 7:16	3/19/2024 7:48	32	0
449377	3/19/2024 7:48	3/19/2024 8:30	42	0
552210	3/19/2024 7:52	3/19/2024 10:00	127.8	0
1445317	3/19/2024 7:54	3/19/2024 10:00	125.75	0
1272457	3/19/2024 8:02	3/19/2024 10:00	117.27	0
1321750	3/19/2024 8:08	3/19/2024 10:00	111.27	0
1701172	3/19/2024 8:08	3/19/2024 10:00	111.27	0
1321114	3/19/2024 8:08	3/19/2024 10:00	111.27	0
1321663	3/19/2024 8:09	3/19/2024 10:00	110.27	0
1320845	3/19/2024 8:09	3/19/2024 10:00	110.27	0
2032900	3/19/2024 8:11	3/19/2024 10:00	108.27	0
1320619	3/19/2024 8:11	3/19/2024 10:00	108.27	0
1320646	3/19/2024 8:11	3/19/2024 10:00	108.27	0
1326407	3/19/2024 8:12	3/19/2024 10:00	107.27	0
980132	3/19/2024 8:15	3/19/2024 10:00	104	0
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1093722	3/19/2024 8:19	3/19/2024 10:00	100.8	0
449377	3/19/2024 8:30	3/19/2024 8:45	15	0
1376158	3/19/2024 8:31	3/19/2024 10:00	88.27	0
8511623	3/19/2024 8:39	3/19/2024 10:00	80.2	0
8950281	3/19/2024 8:45	3/19/2024 10:00	74.2	0
449377	3/19/2024 8:45	3/19/2024 10:00	74.8	0

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980870	3/19/2024 8:48	3/19/2024 10:00	71	0
51483	3/19/2024 8:50	3/19/2024 10:00	69.2	0
28509	3/19/2024 8:55	3/19/2024 10:00	64.2	0
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27443	3/19/2024 8:57	3/19/2024 10:00	62.2	0
29635	3/19/2024 8:57	3/19/2024 10:00	62.2	0
27483	3/19/2024 8:57	3/19/2024 10:00	62.2	0
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188639	3/19/2024 8:58	3/19/2024 10:00	61.2	0
26864	3/19/2024 8:58	3/19/2024 10:00	61.2	0
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34905	3/19/2024 9:01	3/19/2024 10:00	58.2	0
574993	3/19/2024 9:07	3/19/2024 9:23	16	0
320966	3/19/2024 9:17	3/19/2024 10:00	42.2	0
1093889	3/19/2024 9:20	3/19/2024 10:00	39.8	0
574993	3/19/2024 9:23	3/19/2024 10:00	36.8	0
658837	3/19/2024 9:24	3/19/2024 10:00	35.42	0
1444809	3/19/2024 9:24	3/19/2024 10:00	35.75	0
663982	3/19/2024 9:27	3/19/2024 9:32	5	0
1494722	3/19/2024 9:27	3/19/2024 10:00	32.27	0
304845	3/19/2024 9:27	3/19/2024 10:00	32.2	0
328570	3/19/2024 9:29	3/19/2024 10:00	30.2	0
304785	3/19/2024 9:30	3/19/2024 10:00	29.2	0
1393699	3/19/2024 9:31	3/19/2024 10:00	28.27	0
663982	3/19/2024 9:32	3/19/2024 9:53	21	0
1394365	3/19/2024 9:33	3/19/2024 10:00	26.27	0
1430644	3/19/2024 9:34	3/19/2024 10:00	25.75	0
1394324	3/19/2024 9:36	3/19/2024 10:00	23.27	0
1377303	3/19/2024 9:37	3/19/2024 10:00	22.27	0
1377844	3/19/2024 9:37	3/19/2024 10:00	22.27	0
315346	3/19/2024 9:38	3/19/2024 10:00	21.2	0
1377393	3/19/2024 9:39	3/19/2024 10:00	20.27	0
317084	3/19/2024 9:39	3/19/2024 10:00	20.2	0
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523489	3/19/2024 9:40	3/19/2024 10:00	19.2	0
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317233	3/19/2024 9:42	3/19/2024 10:00	17.2	0
303811	3/19/2024 9:43	3/19/2024 10:00	16.2	0
1704232	3/19/2024 9:48	3/19/2024 10:00	11.27	0
455994	3/19/2024 9:49	3/19/2024 10:00	10.8	0
1343091	3/19/2024 9:49	3/19/2024 10:00	10.27	0
1077082	3/19/2024 9:50	3/19/2024 10:00	9.8	0
1342974	3/19/2024 9:51	3/19/2024 10:00	8.27	0
1362130	3/19/2024 9:53	3/19/2024 10:00	6.27	0
663982	3/19/2024 9:53	3/19/2024 9:58	5	0
1333801	3/19/2024 9:53	3/19/2024 10:00	6.27	0

574596	3/19/2024 9:53	3/19/2024 10:00	6.8	0
1361528	3/19/2024 9:54	3/19/2024 10:00	5.27	0
1361770	3/19/2024 9:55	3/19/2024 10:00	4.27	0
1362646	3/19/2024 9:55	3/19/2024 10:00	4.27	0
1320008	3/19/2024 9:56	3/19/2024 10:00	3.27	0
1405290	3/19/2024 9:57	3/19/2024 10:00	2.27	0
396857	3/19/2024 9:57	3/19/2024 10:00	2.8	0
663982	3/19/2024 9:58	3/19/2024 10:00	1.42	0
1366197	3/19/2024 10:00	3/20/2024 10:00	1439.27	0
1313814	3/19/2024 10:00	3/20/2024 10:00	1439.27	0
1352388	3/19/2024 10:00	3/20/2024 10:00	1439.27	0
1453263	3/19/2024 10:00	3/19/2024 11:40	100	0
1288420	3/19/2024 10:00	3/19/2024 14:10	250	0
441757	3/19/2024 10:00	3/20/2024 10:00	1439.8	0
979815	3/19/2024 10:00	3/20/2024 10:00	1439	0
1190246	3/19/2024 10:00	3/20/2024 10:00	1439.27	0
1604432	3/19/2024 10:00	3/19/2024 21:18	678	0.42
663982	3/19/2024 10:00	3/19/2024 11:12	72	0
554089	3/19/2024 10:00	3/20/2024 10:00	1439.8	0
49209	3/19/2024 10:00	3/19/2024 21:17	677	0
1588365	3/19/2024 10:00	3/19/2024 11:09	69	0
1422300	3/19/2024 10:00	3/20/2024 10:00	1439.27	0
315169	3/19/2024 10:00	3/19/2024 21:17	677	0
953854	3/19/2024 10:00	3/20/2024 10:00	1439	0
444688	3/19/2024 10:00	3/20/2024 10:00	1439.8	0
447406	3/19/2024 10:00	3/19/2024 15:19	319	0
1319739	3/19/2024 10:00	3/20/2024 10:00	1439.27	0
1701172	3/19/2024 10:00	3/19/2024 14:27	267	0
1077082	3/19/2024 10:00	3/19/2024 14:34	274	0
1406535	3/19/2024 10:00	3/19/2024 15:31	331	0.34
253877	3/19/2024 10:00	3/20/2024 10:00	1439.2	0
1368580	3/19/2024 10:00	3/19/2024 11:02	62	0
1413046	3/19/2024 10:00	3/20/2024 10:00	1439.27	0
353728	3/19/2024 10:00	3/19/2024 11:39	99	0
1362646	3/19/2024 10:00	3/19/2024 14:07	247	0
202435	3/19/2024 10:00	3/20/2024 10:00	1439.2	0
1516579	3/19/2024 10:00	3/19/2024 11:41	101	0
627289	3/19/2024 10:00	3/19/2024 11:35	95	0
574993	3/19/2024 10:00	3/19/2024 21:22	682	0
1394324	3/19/2024 10:00	3/19/2024 11:37	97	0
636274	3/19/2024 10:00	3/20/2024 10:00	1439.8	0
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1513541	3/19/2024 10:00	3/20/2024 10:00	1439.75	0
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8950281	3/19/2024 10:00	3/19/2024 13:34	214	0
1418462	3/19/2024 10:00	3/20/2024 10:00	1439.27	0
1377303	3/19/2024 10:00	3/19/2024 21:18	678	0

1394365	3/19/2024 10:00	3/19/2024 11:34	94	0
1430294	3/19/2024 10:03	3/19/2024 21:10	667	0
498070	3/19/2024 10:03	3/19/2024 21:15	672	1.3
8972545	3/19/2024 10:04	3/19/2024 20:08	604	0
315730	3/19/2024 10:04	3/19/2024 21:21	677	0.78
624953	3/19/2024 10:05	3/19/2024 11:34	89	0.17
9063373	3/19/2024 10:06	3/19/2024 11:32	86	0
1664433	3/19/2024 10:06	3/19/2024 11:04	58	0
711121	3/19/2024 10:06	3/20/2024 10:00	1433.42	0
500173	3/19/2024 10:06	3/19/2024 21:12	666	2.72
627018	3/19/2024 10:06	3/19/2024 11:35	89	0.05
1321750	3/19/2024 10:07	3/19/2024 14:24	257	0
7178975	3/19/2024 10:07	3/19/2024 21:18	671	0.45
396857	3/19/2024 10:07	3/19/2024 11:00	53	0
314188	3/19/2024 10:07	3/19/2024 21:14	667	0
1417138	3/19/2024 10:07	3/19/2024 21:14	667	0
552210	3/19/2024 10:07	3/19/2024 21:14	667	0
664030	3/19/2024 10:07	3/20/2024 10:00	1432.42	0
345752	3/19/2024 10:07	3/20/2024 10:00	1432.2	0
1393699	3/19/2024 10:07	3/19/2024 14:29	262	0.16
971524	3/19/2024 10:07	3/19/2024 11:37	90	0.01
800576	3/19/2024 10:08	3/19/2024 20:53	645	0.1
574596	3/19/2024 10:08	3/19/2024 21:18	670	0
1321663	3/19/2024 10:08	3/19/2024 14:26	258	0.27
624628	3/19/2024 10:08	3/19/2024 11:38	90	0.1
10222019	3/19/2024 10:08	3/20/2024 10:00	1431.27	0
430124	3/19/2024 10:08	3/19/2024 11:16	68	0
1310926	3/19/2024 10:09	3/19/2024 21:10	661	0.36
1321114	3/19/2024 10:09	3/19/2024 14:26	257	0.08
645144	3/19/2024 10:09	3/19/2024 11:39	90	0.07
1309098	3/19/2024 10:09	3/19/2024 21:00	651	0.43
1456419	3/19/2024 10:09	3/19/2024 11:38	89	0
1515733	3/19/2024 10:09	3/19/2024 11:38	89	0.1
12376755	3/19/2024 10:09	3/19/2024 21:05	656	0.39
342796	3/19/2024 10:10	3/19/2024 21:17	667	0.14
29848	3/19/2024 10:10	3/19/2024 14:59	289	0.4
1321605	3/19/2024 10:10	3/19/2024 14:27	257	0.22
27483	3/19/2024 10:10	3/19/2024 14:59	289	0.32
790670	3/19/2024 10:10	3/19/2024 21:05	655	0.32
26864	3/19/2024 10:11	3/19/2024 14:29	258	0
1320646	3/19/2024 10:11	3/19/2024 14:27	256	0.08
189581	3/19/2024 10:11	3/19/2024 15:00	289	0.12
345647	3/19/2024 10:11	3/19/2024 21:18	667	0
664453	3/19/2024 10:11	3/19/2024 11:41	90	0
304785	3/19/2024 10:11	3/19/2024 14:29	258	0.26
346288	3/19/2024 10:11	3/19/2024 21:12	661	0.24
29635	3/19/2024 10:11	3/19/2024 11:29	78	0

6714863	3/19/2024 10:11	3/19/2024 21:07	656	0.14
1320619	3/19/2024 10:12	3/19/2024 14:14	242	0
1444809	3/19/2024 10:12	3/19/2024 14:14	242	0.19
1320008	3/19/2024 10:12	3/19/2024 14:29	257	0
304295	3/19/2024 10:12	3/19/2024 14:29	257	0.27
793285	3/19/2024 10:12	3/19/2024 21:03	651	0.75
2032900	3/19/2024 10:12	3/19/2024 14:24	252	0
1307027	3/19/2024 10:12	3/19/2024 21:08	656	0
23462	3/19/2024 10:13	3/19/2024 11:11	58	0
7533405	3/19/2024 10:13	3/19/2024 14:32	259	0.53
1405290	3/19/2024 10:13	3/19/2024 15:01	288	0.14
34905	3/19/2024 10:13	3/19/2024 14:56	283	0.07
6761269	3/19/2024 10:14	3/19/2024 21:16	662	0
1494722	3/19/2024 10:14	3/19/2024 14:31	257	0.17
1320845	3/19/2024 10:14	3/19/2024 14:26	252	0.14
1377926	3/19/2024 10:14	3/19/2024 12:46	152	0
1671958	3/19/2024 10:15	3/19/2024 21:11	656	0.8
304845	3/19/2024 10:15	3/19/2024 14:32	257	0
303811	3/19/2024 10:15	3/19/2024 14:27	252	0
1376158	3/19/2024 10:16	3/19/2024 12:43	147	0
449036	3/19/2024 10:16	3/19/2024 14:17	241	0.27
416557	3/19/2024 10:16	3/19/2024 21:07	651	0
1272457	3/19/2024 10:16	3/19/2024 20:56	640	0.1
1430644	3/19/2024 10:16	3/19/2024 21:07	651	0.09
1416360	3/19/2024 10:18	3/19/2024 11:06	48	0
1430553	3/19/2024 10:18	3/19/2024 21:14	656	0
1430838	3/19/2024 10:18	3/19/2024 21:14	656	0.49
1415828	3/19/2024 10:19	3/19/2024 11:06	47	0
624411	3/19/2024 10:19	3/19/2024 11:07	48	0.08
197690	3/19/2024 10:20	3/19/2024 11:38	78	0
624716	3/19/2024 10:20	3/19/2024 11:07	47	0
449377	3/19/2024 10:20	3/19/2024 11:12	52	0
626477	3/19/2024 10:20	3/19/2024 11:07	47	0
561672	3/19/2024 10:20	3/19/2024 21:22	662	0.68
197629	3/19/2024 10:20	3/19/2024 11:38	78	0.01
626600	3/19/2024 10:21	3/19/2024 11:09	48	0
539938	3/19/2024 10:21	3/19/2024 15:54	333	0.1
196408	3/19/2024 10:21	3/19/2024 11:34	73	0
1368745	3/19/2024 10:21	3/19/2024 11:50	89	0.06
1093722	3/19/2024 10:21	3/19/2024 11:38	77	0.05
1414392	3/19/2024 10:21	3/19/2024 11:03	42	0
1511264	3/19/2024 10:22	3/19/2024 21:13	651	0.16
197883	3/19/2024 10:23	3/19/2024 11:37	74	0
8148103	3/19/2024 10:23	3/19/2024 21:19	656	1.04
1093889	3/19/2024 10:23	3/19/2024 11:37	74	0
6280623	3/19/2024 10:24	3/19/2024 21:16	652	0.18
317233	3/19/2024 10:24	3/19/2024 20:41	617	0.29

1511251	3/19/2024 10:24	3/19/2024 21:10	646	0
380057	3/19/2024 10:25	3/19/2024 11:44	79	0
381982	3/19/2024 10:26	3/19/2024 11:44	78	0
315346	3/19/2024 10:26	3/19/2024 20:38	612	0.69
8104722	3/19/2024 10:27	3/19/2024 21:17	650	0
10510361	3/19/2024 10:27	3/19/2024 21:13	646	0.75
523489	3/19/2024 10:27	3/19/2024 21:18	651	0.49
306565	3/19/2024 10:27	3/19/2024 11:28	61	0
317084	3/19/2024 10:27	3/19/2024 21:23	656	0
380736	3/19/2024 10:28	3/19/2024 11:41	73	0
320966	3/19/2024 10:30	3/19/2024 14:16	226	1.16
6995795	3/19/2024 10:30	3/19/2024 12:09	99	0
428372	3/19/2024 10:32	3/19/2024 11:30	58	0
997397	3/19/2024 10:33	3/19/2024 21:03	630	0
10659831	3/19/2024 10:36	3/19/2024 21:15	639	0
455994	3/19/2024 10:37	3/19/2024 11:34	57	0
1521655	3/19/2024 10:38	3/19/2024 14:08	210	0.2
553755	3/19/2024 10:38	3/19/2024 14:39	241	0.72
12682110	3/19/2024 10:39	3/19/2024 21:17	638	0.12
1521914	3/19/2024 10:40	3/19/2024 14:11	211	0.66
506261	3/19/2024 10:40	3/19/2024 11:53	73	0.08
793690	3/19/2024 10:42	3/19/2024 21:01	619	0.54
1565203	3/19/2024 10:43	3/19/2024 11:46	63	0
418876	3/19/2024 10:45	3/19/2024 21:14	629	0
417158	3/19/2024 10:45	3/19/2024 21:09	624	0
1515964	3/19/2024 10:46	3/19/2024 11:50	64	0
945898	3/19/2024 10:48	3/19/2024 11:35	47	0
325050	3/19/2024 10:50	3/19/2024 21:14	624	0
1332906	3/19/2024 10:50	3/19/2024 20:58	608	0.12
125572	3/19/2024 10:50	3/19/2024 14:21	211	1.21
1268231	3/19/2024 10:52	3/19/2024 11:36	44	0
1092960	3/19/2024 10:53	3/19/2024 21:13	620	0
324045	3/19/2024 10:53	3/19/2024 21:18	625	0.1
1377393	3/19/2024 10:53	3/19/2024 21:15	622	0.26
1378141	3/19/2024 10:54	3/19/2024 21:01	607	0.09
1377844	3/19/2024 10:55	3/19/2024 21:13	618	0
1267978	3/19/2024 10:55	3/19/2024 11:37	42	0
1407947	3/19/2024 10:56	3/19/2024 21:00	604	0
975066	3/19/2024 10:57	3/19/2024 21:06	609	0
1654064	3/19/2024 10:58	3/19/2024 21:02	604	0
1378582	3/19/2024 10:59	3/19/2024 21:05	606	0
1378273	3/19/2024 10:59	3/19/2024 13:46	167	0
1378128	3/19/2024 10:59	3/19/2024 12:44	105	0
1407881	3/19/2024 10:59	3/19/2024 21:03	604	0.18
396857	3/19/2024 11:00	3/19/2024 11:05	5	0
1407628	3/19/2024 11:00	3/20/2024 10:00	1379.27	0
7097388	3/19/2024 11:01	3/19/2024 21:01	600	0.05

1020565	3/19/2024 11:01	3/19/2024 14:15	194	0.18
399291	3/19/2024 11:01	3/19/2024 21:15	614	0
1704232	3/19/2024 11:01	3/19/2024 11:49	48	0
1368580	3/19/2024 11:02	3/19/2024 13:03	121	0
563721	3/19/2024 11:02	3/19/2024 21:16	614	0.07
1414392	3/19/2024 11:03	3/19/2024 21:13	610	0.05
328113	3/19/2024 11:03	3/19/2024 14:17	194	0.28
1704779	3/19/2024 11:04	3/19/2024 11:51	47	0
1664433	3/19/2024 11:04	3/19/2024 15:21	257	0
1432827	3/19/2024 11:04	3/19/2024 21:03	599	0.21
1464949	3/19/2024 11:04	3/19/2024 16:08	304	0
1431804	3/19/2024 11:04	3/19/2024 21:07	603	0
396857	3/19/2024 11:05	3/19/2024 11:16	11	0
605186	3/19/2024 11:05	3/19/2024 14:20	195	0.87
1463218	3/19/2024 11:05	3/19/2024 16:04	299	0
989956	3/19/2024 11:06	3/19/2024 20:54	588	0
1415828	3/19/2024 11:06	3/19/2024 21:10	604	0.04
1416360	3/19/2024 11:06	3/19/2024 21:15	609	0
623871	3/19/2024 11:07	3/20/2024 10:00	1372.8	0.02
609850	3/19/2024 11:07	3/19/2024 13:55	168	0.03
624411	3/19/2024 11:07	3/19/2024 11:38	31	0.05
623069	3/19/2024 11:07	3/20/2024 10:00	1372.8	0
626477	3/19/2024 11:07	3/19/2024 11:23	16	0
624716	3/19/2024 11:07	3/19/2024 11:23	16	0
634044	3/19/2024 11:08	3/19/2024 11:39	31	0
623612	3/19/2024 11:09	3/20/2024 10:00	1370.8	0
1508563	3/19/2024 11:09	3/19/2024 21:08	599	0.19
1588354	3/19/2024 11:09	3/19/2024 21:18	609	0
1588365	3/19/2024 11:09	3/19/2024 11:14	5	0
1469956	3/19/2024 11:09	3/19/2024 21:12	603	0.01
1465391	3/19/2024 11:09	3/19/2024 14:28	199	0.28
626600	3/19/2024 11:09	3/19/2024 11:35	26	0.06
1469850	3/19/2024 11:09	3/19/2024 21:13	604	0
1587793	3/19/2024 11:10	3/19/2024 11:16	6	0
610737	3/19/2024 11:10	3/19/2024 13:58	168	0.02
1073095	3/19/2024 11:11	3/19/2024 13:54	163	0
23462	3/19/2024 11:11	3/19/2024 11:26	15	0
567126	3/19/2024 11:11	3/19/2024 14:25	194	0.76
610547	3/19/2024 11:11	3/20/2024 10:00	1368.8	0
663982	3/19/2024 11:12	3/19/2024 11:17	5	0
449377	3/19/2024 11:12	3/19/2024 12:36	84	0
564518	3/19/2024 11:12	3/19/2024 14:27	195	0
1469270	3/19/2024 11:12	3/19/2024 21:15	603	0
793638	3/19/2024 11:13	3/19/2024 21:01	588	0
353082	3/19/2024 11:14	3/19/2024 21:17	603	0.31
980132	3/19/2024 11:14	3/19/2024 11:29	15	0
982457	3/19/2024 11:14	3/19/2024 20:51	577	0

1588365	3/19/2024 11:14	3/19/2024 15:11	237	0
353651	3/19/2024 11:15	3/19/2024 21:15	600	0.25
980870	3/19/2024 11:15	3/19/2024 11:31	16	0
396857	3/19/2024 11:16	3/19/2024 11:21	5	0
634779	3/19/2024 11:16	3/19/2024 11:37	21	0
1587793	3/19/2024 11:16	3/19/2024 15:07	231	0
308959	3/19/2024 11:16	3/20/2024 10:00	1363.2	0
430124	3/19/2024 11:16	3/19/2024 11:21	5	0
1064514	3/19/2024 11:16	3/19/2024 14:19	183	1.18
663982	3/19/2024 11:17	3/19/2024 11:28	11	0
982261	3/19/2024 11:17	3/19/2024 11:33	16	0
1503739	3/19/2024 11:18	3/19/2024 11:34	16	0
979888	3/19/2024 11:18	3/19/2024 11:34	16	0
196965	3/19/2024 11:19	3/19/2024 11:35	16	0
197356	3/19/2024 11:19	3/19/2024 11:35	16	0
1064575	3/19/2024 11:19	3/19/2024 14:18	179	0
309961	3/19/2024 11:20	3/20/2024 10:00	1359.2	0
198082	3/19/2024 11:20	3/19/2024 13:36	136	0
430124	3/19/2024 11:21	3/19/2024 11:32	11	0
1683861	3/19/2024 11:21	3/19/2024 11:37	16	0
396857	3/19/2024 11:21	3/19/2024 11:42	21	0
127206	3/19/2024 11:22	3/20/2024 10:00	1357.2	0
611827	3/19/2024 11:23	3/20/2024 10:00	1356.8	0
105666	3/19/2024 11:23	3/20/2024 10:00	1356.2	0
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626477	3/19/2024 11:23	3/19/2024 21:11	588	0
624716	3/19/2024 11:23	3/19/2024 21:22	599	0.77
1446401	3/19/2024 11:24	3/19/2024 14:10	166	0.19
511223	3/19/2024 11:24	3/19/2024 11:50	26	0
509102	3/19/2024 11:24	3/19/2024 11:55	31	0
611363	3/19/2024 11:24	3/19/2024 13:56	152	0
223338	3/19/2024 11:25	3/20/2024 10:00	1354.2	0
222857	3/19/2024 11:25	3/20/2024 10:00	1354.2	0
23462	3/19/2024 11:26	3/19/2024 14:29	183	0.64
306565	3/19/2024 11:28	3/19/2024 14:31	183	0
8486022	3/19/2024 11:28	3/19/2024 14:11	163	0
663982	3/19/2024 11:28	3/19/2024 11:33	5	0
27443	3/19/2024 11:29	3/19/2024 14:59	210	0
29635	3/19/2024 11:29	3/19/2024 14:28	179	0.4
980132	3/19/2024 11:29	3/19/2024 11:45	16	0
428372	3/19/2024 11:30	3/19/2024 12:17	47	0
400637	3/19/2024 11:30	3/19/2024 11:45	15	0
981933	3/19/2024 11:31	3/19/2024 11:48	17	0
401650	3/19/2024 11:31	3/19/2024 11:46	15	0
980870	3/19/2024 11:31	3/19/2024 11:47	16	0
307661	3/19/2024 11:31	3/19/2024 14:29	178	0.35
9063373	3/19/2024 11:32	3/19/2024 12:03	31	0

430124	3/19/2024 11:32	3/19/2024 11:37	5	0
663982	3/19/2024 11:33	3/19/2024 11:38	5	0
982261	3/19/2024 11:33	3/19/2024 11:48	15	0
1503739	3/19/2024 11:34	3/19/2024 11:49	15	0
455994	3/19/2024 11:34	3/19/2024 11:50	16	0
196408	3/19/2024 11:34	3/19/2024 12:37	63	0
1672784	3/19/2024 11:34	3/20/2024 10:00	1345.8	0.03
624953	3/19/2024 11:34	3/19/2024 21:12	578	0.2
1394365	3/19/2024 11:34	3/19/2024 12:05	31	0
979888	3/19/2024 11:34	3/19/2024 11:45	11	0
626600	3/19/2024 11:35	3/19/2024 21:12	577	0.32
945898	3/19/2024 11:35	3/19/2024 20:52	557	0.34
197356	3/19/2024 11:35	3/19/2024 12:38	63	0.18
196965	3/19/2024 11:35	3/19/2024 12:38	63	0.06
627018	3/19/2024 11:35	3/19/2024 21:13	578	0.62
627289	3/19/2024 11:35	3/19/2024 21:18	583	0.55
1268231	3/19/2024 11:36	3/19/2024 14:56	200	0.23
634779	3/19/2024 11:37	3/19/2024 11:53	16	0
1093889	3/19/2024 11:37	3/19/2024 12:08	31	0.01
454372	3/19/2024 11:37	3/20/2024 10:00	1342.8	0
971524	3/19/2024 11:37	3/19/2024 21:14	577	0.23
430124	3/19/2024 11:37	3/19/2024 12:19	42	0
1394324	3/19/2024 11:37	3/19/2024 12:03	26	0
1683861	3/19/2024 11:37	3/19/2024 12:35	58	0.05
1267978	3/19/2024 11:37	3/19/2024 14:45	188	0
197883	3/19/2024 11:37	3/19/2024 12:35	58	0.08
624411	3/19/2024 11:38	3/19/2024 21:10	572	0.4
197629	3/19/2024 11:38	3/19/2024 12:34	56	0.01
663982	3/19/2024 11:38	3/19/2024 11:43	5	0
1515733	3/19/2024 11:38	3/19/2024 11:53	15	0
1456419	3/19/2024 11:38	3/19/2024 12:52	74	0
197690	3/19/2024 11:38	3/19/2024 12:36	58	0
1093722	3/19/2024 11:38	3/19/2024 12:05	27	0.05
624628	3/19/2024 11:38	3/19/2024 21:15	577	0.3
645144	3/19/2024 11:39	3/19/2024 11:54	15	0
634044	3/19/2024 11:39	3/19/2024 11:55	16	0.01
353728	3/19/2024 11:39	3/19/2024 21:37	598	0
1453263	3/19/2024 11:40	3/19/2024 12:58	78	0
549596	3/19/2024 11:40	3/19/2024 11:56	16	0
380736	3/19/2024 11:41	3/19/2024 12:29	48	0
549617	3/19/2024 11:41	3/19/2024 11:57	16	0
1516579	3/19/2024 11:41	3/19/2024 11:56	15	0
664453	3/19/2024 11:41	3/19/2024 11:56	15	0
658837	3/19/2024 11:41	3/19/2024 21:03	562	0.03
396857	3/19/2024 11:42	3/19/2024 11:47	5	0
7879030	3/19/2024 11:43	3/19/2024 12:36	53	0
663982	3/19/2024 11:43	3/19/2024 11:54	11	0

380057	3/19/2024 11:44	3/19/2024 21:20	576	0
381982	3/19/2024 11:44	3/19/2024 12:26	42	0
8495802	3/19/2024 11:44	3/19/2024 12:00	16	0
400637	3/19/2024 11:45	3/19/2024 12:01	16	0
675499	3/19/2024 11:45	3/20/2024 10:00	1334.42	0
979888	3/19/2024 11:45	3/19/2024 14:33	168	0.11
980132	3/19/2024 11:45	3/19/2024 14:33	168	0
401650	3/19/2024 11:46	3/19/2024 11:57	11	0
1565203	3/19/2024 11:46	3/19/2024 12:02	16	0
396857	3/19/2024 11:47	3/19/2024 11:58	11	0
980870	3/19/2024 11:47	3/19/2024 14:34	167	0.05
981933	3/19/2024 11:48	3/19/2024 14:46	178	0
982261	3/19/2024 11:48	3/19/2024 14:32	164	0.13
1704232	3/19/2024 11:49	3/19/2024 12:04	15	0
1503739	3/19/2024 11:49	3/19/2024 14:32	163	0.03
455994	3/19/2024 11:50	3/19/2024 12:06	16	0
1368745	3/19/2024 11:50	3/19/2024 12:06	16	0
1515964	3/19/2024 11:50	3/19/2024 12:00	10	0
56196	3/19/2024 11:50	3/19/2024 12:01	11	0
511223	3/19/2024 11:50	3/19/2024 12:06	16	0
1704779	3/19/2024 11:51	3/19/2024 12:01	10	0
1539391	3/19/2024 11:51	3/19/2024 13:05	74	0
506261	3/19/2024 11:53	3/19/2024 12:09	16	0
1515733	3/19/2024 11:53	3/19/2024 12:09	16	0
634779	3/19/2024 11:53	3/19/2024 13:54	121	0
1538577	3/19/2024 11:53	3/19/2024 13:06	73	0
663982	3/19/2024 11:54	3/19/2024 11:59	5	0
645144	3/19/2024 11:54	3/19/2024 13:55	121	0.1
634044	3/19/2024 11:55	3/19/2024 13:56	121	0.21
510522	3/19/2024 11:55	3/19/2024 12:11	16	0
509102	3/19/2024 11:55	3/19/2024 12:06	11	0
549596	3/19/2024 11:56	3/19/2024 12:12	16	0
1516579	3/19/2024 11:56	3/19/2024 12:12	16	0
664453	3/19/2024 11:56	3/19/2024 13:57	121	0
549617	3/19/2024 11:57	3/19/2024 12:13	16	0
265955	3/19/2024 11:57	3/19/2024 14:31	154	0
401650	3/19/2024 11:57	3/19/2024 12:12	15	0
396857	3/19/2024 11:58	3/19/2024 12:03	5	0
663982	3/19/2024 11:59	3/19/2024 13:55	116	0
169731	3/19/2024 11:59	3/20/2024 10:00	1320.2	0.05
174362	3/19/2024 11:59	3/20/2024 10:00	1320.2	0.05
8495802	3/19/2024 12:00	3/19/2024 14:17	137	0
1515964	3/19/2024 12:00	3/19/2024 12:16	16	0
1704779	3/19/2024 12:01	3/19/2024 13:05	64	0
400637	3/19/2024 12:01	3/19/2024 12:12	11	0
56196	3/19/2024 12:01	3/19/2024 13:04	63	0.09
1567316	3/19/2024 12:01	3/20/2024 10:00	1318.75	0

1565203	3/19/2024 12:02	3/19/2024 12:18	16	0
396857	3/19/2024 12:03	3/19/2024 12:13	10	0
1394324	3/19/2024 12:03	3/19/2024 13:48	105	0
9063373	3/19/2024 12:03	3/19/2024 13:48	105	0
1704232	3/19/2024 12:04	3/19/2024 13:02	58	0.02
1394365	3/19/2024 12:05	3/19/2024 13:50	105	0
1093722	3/19/2024 12:05	3/19/2024 14:06	121	0.04
455994	3/19/2024 12:06	3/19/2024 12:38	32	0
509102	3/19/2024 12:06	3/19/2024 14:22	136	0
511223	3/19/2024 12:06	3/19/2024 14:22	136	0
1368745	3/19/2024 12:06	3/19/2024 21:07	541	0
1093889	3/19/2024 12:08	3/19/2024 14:09	121	0
506261	3/19/2024 12:09	3/19/2024 14:26	137	0
1515733	3/19/2024 12:09	3/19/2024 14:10	121	0.01
6995795	3/19/2024 12:09	3/19/2024 12:25	16	0
510522	3/19/2024 12:11	3/19/2024 14:24	133	0
400637	3/19/2024 12:12	3/19/2024 16:29	257	0
549596	3/19/2024 12:12	3/20/2024 10:00	1307.8	0.04
401650	3/19/2024 12:12	3/19/2024 13:31	79	0.01
1516579	3/19/2024 12:12	3/19/2024 12:54	42	0
396857	3/19/2024 12:13	3/19/2024 12:19	6	0
549617	3/19/2024 12:13	3/20/2024 10:00	1306.8	0.04
55232	3/19/2024 12:16	3/20/2024 10:00	1303.2	0
1515964	3/19/2024 12:16	3/20/2024 10:00	1303.75	0.01
56164	3/19/2024 12:16	3/20/2024 10:00	1303.2	0
54382	3/19/2024 12:17	3/20/2024 10:00	1302.2	0
1672745	3/19/2024 12:17	3/20/2024 10:00	1302.8	0
428372	3/19/2024 12:17	3/19/2024 13:05	48	0.05
1565203	3/19/2024 12:18	3/19/2024 14:33	135	0
55854	3/19/2024 12:18	3/20/2024 10:00	1301.2	0
190372	3/19/2024 12:18	3/20/2024 10:00	1301.2	0.02
396857	3/19/2024 12:19	3/19/2024 12:29	10	0
430124	3/19/2024 12:19	3/19/2024 12:24	5	0
330528	3/19/2024 12:20	3/20/2024 10:00	1299.2	0
56167	3/19/2024 12:21	3/20/2024 10:00	1298.2	0
54282	3/19/2024 12:21	3/20/2024 10:00	1298.2	0.01
430124	3/19/2024 12:24	3/20/2024 10:00	1295.8	0
53030	3/19/2024 12:25	3/20/2024 10:00	1294.2	0
6995795	3/19/2024 12:25	3/19/2024 21:15	530	0.07
381982	3/19/2024 12:26	3/19/2024 21:21	535	0
980398	3/19/2024 12:27	3/19/2024 14:33	126	0
396857	3/19/2024 12:29	3/19/2024 12:34	5	0
380736	3/19/2024 12:29	3/19/2024 21:09	520	0.04
401447	3/19/2024 12:29	3/19/2024 14:25	116	0.01
188843	3/19/2024 12:29	3/19/2024 21:20	531	0
188789	3/19/2024 12:31	3/19/2024 21:13	522	0
1557303	3/19/2024 12:32	3/19/2024 14:32	120	0

1557188	3/19/2024 12:33	3/19/2024 14:33	120	0
456099	3/19/2024 12:34	3/19/2024 13:37	63	0.04
457978	3/19/2024 12:34	3/19/2024 13:36	62	0.07
197629	3/19/2024 12:34	3/19/2024 14:19	105	0
396857	3/19/2024 12:34	3/19/2024 13:27	53	0
1683861	3/19/2024 12:35	3/20/2024 10:00	1284.2	0.03
197883	3/19/2024 12:35	3/19/2024 14:20	105	0.11
7879030	3/19/2024 12:36	3/19/2024 21:16	520	0
1554218	3/19/2024 12:36	3/19/2024 14:37	121	0.03
449377	3/19/2024 12:36	3/19/2024 12:47	11	0
197690	3/19/2024 12:36	3/19/2024 14:21	105	0
196408	3/19/2024 12:37	3/19/2024 14:22	105	0.04
197356	3/19/2024 12:38	3/19/2024 14:39	121	0.02
455994	3/19/2024 12:38	3/19/2024 13:04	26	0.09
196965	3/19/2024 12:38	3/19/2024 14:39	121	0.08
1376158	3/19/2024 12:43	3/19/2024 16:29	226	0
1493132	3/19/2024 12:43	3/20/2024 10:00	1276.27	0.01
392602	3/19/2024 12:44	3/19/2024 14:24	100	0.02
1378128	3/19/2024 12:44	3/20/2024 10:00	1275.27	0
1377926	3/19/2024 12:46	3/20/2024 10:00	1273.27	0
449377	3/19/2024 12:47	3/19/2024 12:52	5	0
903630	3/19/2024 12:52	3/19/2024 13:49	57	0
449377	3/19/2024 12:52	3/19/2024 12:57	5	0
1456419	3/19/2024 12:52	3/19/2024 14:53	121	0
1516579	3/19/2024 12:54	3/19/2024 14:08	74	0
449377	3/19/2024 12:57	3/19/2024 13:34	37	0
1453263	3/19/2024 12:58	3/19/2024 14:43	105	0
1704232	3/19/2024 13:02	3/19/2024 14:05	63	0.2
1368580	3/19/2024 13:03	3/20/2024 10:00	1256.27	0
455994	3/19/2024 13:04	3/19/2024 13:36	32	0.08
56196	3/19/2024 13:04	3/19/2024 14:48	104	0
428372	3/19/2024 13:05	3/20/2024 10:00	1254.8	0.01
1539391	3/19/2024 13:05	3/19/2024 14:23	78	0
1704779	3/19/2024 13:05	3/19/2024 14:02	57	0.01
1342974	3/19/2024 13:05	3/20/2024 10:00	1254.27	0
1538577	3/19/2024 13:06	3/19/2024 14:19	73	0
1343091	3/19/2024 13:08	3/19/2024 21:41	513	0.09
397349	3/19/2024 13:20	3/19/2024 14:02	42	0.02
571420	3/19/2024 13:26	3/19/2024 14:13	47	0
569420	3/19/2024 13:27	3/19/2024 13:43	16	0
396857	3/19/2024 13:27	3/19/2024 13:32	5	0
392223	3/19/2024 13:27	3/19/2024 14:25	58	0
399518	3/19/2024 13:28	3/19/2024 14:20	52	0.01
398660	3/19/2024 13:30	3/19/2024 14:23	53	0
400212	3/19/2024 13:30	3/19/2024 14:22	52	0
398553	3/19/2024 13:31	3/19/2024 14:23	52	0.01
10433250	3/19/2024 13:31	3/19/2024 21:13	462	0.02

401650	3/19/2024 13:31	3/19/2024 21:19	468	0.06
1343695	3/19/2024 13:32	3/20/2024 10:00	1227.27	0
396857	3/19/2024 13:32	3/19/2024 13:43	11	0
486985	3/19/2024 13:33	3/20/2024 10:00	1226.8	0.01
51483	3/19/2024 13:33	3/19/2024 14:31	58	0.04
193420	3/19/2024 13:34	3/20/2024 10:00	1225.2	0
8950281	3/19/2024 13:34	3/19/2024 14:32	58	0
449377	3/19/2024 13:34	3/19/2024 14:11	37	0
486880	3/19/2024 13:35	3/20/2024 10:00	1224.8	0
1638308	3/19/2024 13:36	3/19/2024 21:23	467	0
455994	3/19/2024 13:36	3/19/2024 14:22	46	0.07
457978	3/19/2024 13:36	3/19/2024 14:19	43	0.04
224277	3/19/2024 13:36	3/19/2024 14:39	63	0
1638359	3/19/2024 13:36	3/19/2024 21:17	461	0
198082	3/19/2024 13:36	3/19/2024 21:23	467	0.03
456099	3/19/2024 13:37	3/19/2024 14:18	41	0
1638479	3/19/2024 13:37	3/19/2024 21:22	465	0
1385431	3/19/2024 13:41	3/19/2024 14:12	31	0.03
1385122	3/19/2024 13:42	3/19/2024 14:14	32	0.02
396857	3/19/2024 13:43	3/19/2024 13:48	5	0
569420	3/19/2024 13:43	3/19/2024 14:09	26	0
1493766	3/19/2024 13:43	3/19/2024 14:09	26	0
1378273	3/19/2024 13:46	3/19/2024 21:06	440	0
9063373	3/19/2024 13:48	3/19/2024 14:20	32	0
450309	3/19/2024 13:48	3/19/2024 14:36	48	0
396857	3/19/2024 13:48	3/19/2024 13:58	10	0
1394324	3/19/2024 13:48	3/19/2024 14:20	32	0
903630	3/19/2024 13:49	3/19/2024 14:21	32	0.02
1394365	3/19/2024 13:50	3/19/2024 14:22	32	0.03
1543009	3/19/2024 13:54	3/19/2024 21:22	448	0
561758	3/19/2024 13:54	3/19/2024 14:09	15	0
634779	3/19/2024 13:54	3/19/2024 21:15	441	0
1073095	3/19/2024 13:54	3/19/2024 21:15	441	0
609850	3/19/2024 13:55	3/19/2024 21:11	436	0.48
663982	3/19/2024 13:55	3/19/2024 14:00	5	0
645144	3/19/2024 13:55	3/19/2024 14:11	16	0.07
1450250	3/19/2024 13:56	3/19/2024 14:27	31	0.09
8206792	3/19/2024 13:56	3/19/2024 14:27	31	0
634044	3/19/2024 13:56	3/19/2024 21:11	435	0.05
611363	3/19/2024 13:56	3/19/2024 21:17	441	0.09
664453	3/19/2024 13:57	3/19/2024 14:28	31	0
563241	3/19/2024 13:58	3/19/2024 14:08	10	0.01
610737	3/19/2024 13:58	3/19/2024 21:13	435	0.15
396857	3/19/2024 13:58	3/19/2024 14:04	6	0
663982	3/19/2024 14:00	3/19/2024 14:26	26	0
397349	3/19/2024 14:02	3/19/2024 21:17	435	0.01
1704779	3/19/2024 14:02	3/19/2024 20:57	415	0

396857	3/19/2024 14:04	3/19/2024 14:09	5	0
740241	3/19/2024 14:05	3/20/2024 10:00	1194.42	0
1704232	3/19/2024 14:05	3/19/2024 21:10	425	0.1
1093722	3/19/2024 14:06	3/19/2024 14:21	15	0.01
1361770	3/19/2024 14:07	3/19/2024 14:22	15	0.03
1362646	3/19/2024 14:07	3/19/2024 14:13	6	0
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1516579	3/19/2024 14:08	3/19/2024 14:23	15	0
563241	3/19/2024 14:08	3/19/2024 14:24	16	0.04
561758	3/19/2024 14:09	3/19/2024 14:25	16	0
1493766	3/19/2024 14:09	3/19/2024 14:41	32	0
1093889	3/19/2024 14:09	3/19/2024 14:25	16	0
569420	3/19/2024 14:09	3/19/2024 14:41	32	0
396857	3/19/2024 14:09	3/19/2024 14:14	5	0
1288420	3/19/2024 14:10	3/19/2024 14:15	5	0
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1446401	3/19/2024 14:10	3/19/2024 21:04	414	0
645144	3/19/2024 14:11	3/19/2024 14:27	16	0.01
8486022	3/19/2024 14:11	3/19/2024 21:11	420	0
1362130	3/19/2024 14:11	3/19/2024 14:26	15	0
1521914	3/19/2024 14:11	3/19/2024 14:26	15	0.03
449377	3/19/2024 14:11	3/19/2024 14:58	47	0
1361528	3/19/2024 14:11	3/19/2024 14:26	15	0
1385431	3/19/2024 14:12	3/19/2024 14:44	32	0
1518000	3/19/2024 14:12	3/19/2024 14:22	10	0
1363588	3/19/2024 14:12	3/19/2024 14:22	10	0
571420	3/19/2024 14:13	3/19/2024 14:39	26	0
1362646	3/19/2024 14:13	3/19/2024 14:23	10	0
1385122	3/19/2024 14:14	3/19/2024 14:40	26	0
396857	3/19/2024 14:14	3/19/2024 14:25	11	0
1573666	3/19/2024 14:14	3/19/2024 14:30	16	0
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1444809	3/19/2024 14:14	3/19/2024 15:44	90	0
1312270	3/19/2024 14:14	3/19/2024 14:29	15	0
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328911	3/19/2024 14:15	3/19/2024 21:10	415	0
1288420	3/19/2024 14:15	3/19/2024 14:41	26	0
1576533	3/19/2024 14:16	3/19/2024 14:32	16	0
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328113	3/19/2024 14:17	3/19/2024 14:48	31	0
265473	3/19/2024 14:18	3/19/2024 14:34	16	0
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1538577	3/19/2024 14:19	3/19/2024 21:14	415	0
197629	3/19/2024 14:19	3/19/2024 14:35	16	0
561757	3/19/2024 14:19	3/19/2024 14:35	16	0
457978	3/19/2024 14:19	3/19/2024 14:34	15	0.02
399518	3/19/2024 14:20	3/19/2024 21:15	415	0
197883	3/19/2024 14:20	3/19/2024 14:35	15	0.1
605186	3/19/2024 14:20	3/19/2024 21:15	415	0.31
9063373	3/19/2024 14:20	3/19/2024 14:36	16	0
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1394324	3/19/2024 14:20	3/19/2024 14:35	15	0
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197690	3/19/2024 14:21	3/19/2024 14:37	16	0
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1093722	3/19/2024 14:21	3/19/2024 14:37	16	0.08
11081884	3/19/2024 14:21	3/19/2024 14:36	15	0
8717997	3/19/2024 14:21	3/19/2024 14:36	15	0
1518000	3/19/2024 14:22	3/19/2024 21:17	415	0
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1363588	3/19/2024 14:22	3/19/2024 14:38	16	0
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455994	3/19/2024 14:22	3/19/2024 14:38	16	0.1
196408	3/19/2024 14:22	3/19/2024 14:38	16	0.04
509102	3/19/2024 14:22	3/19/2024 15:25	63	0
1394365	3/19/2024 14:22	3/19/2024 14:37	15	0
400212	3/19/2024 14:22	3/19/2024 21:18	416	0
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1516579	3/19/2024 14:23	3/19/2024 14:39	16	0
1539391	3/19/2024 14:23	3/19/2024 21:18	415	0.11
398553	3/19/2024 14:23	3/19/2024 21:13	410	0.02
398660	3/19/2024 14:23	3/19/2024 21:17	414	0
1321750	3/19/2024 14:24	3/19/2024 14:41	17	0
510522	3/19/2024 14:24	3/19/2024 15:22	58	0
2032900	3/19/2024 14:24	3/19/2024 14:39	15	0
1320619	3/19/2024 14:24	3/19/2024 14:40	16	0
392602	3/19/2024 14:24	3/19/2024 21:14	410	0.11
563241	3/19/2024 14:24	3/19/2024 21:13	409	0
1452193	3/19/2024 14:25	3/19/2024 14:41	16	0.01
401447	3/19/2024 14:25	3/19/2024 21:17	412	0
392223	3/19/2024 14:25	3/19/2024 21:18	413	0.08
561758	3/19/2024 14:25	3/19/2024 21:14	409	0
396857	3/19/2024 14:25	3/19/2024 14:30	5	0
1093889	3/19/2024 14:25	3/19/2024 14:35	10	0
567126	3/19/2024 14:25	3/19/2024 14:41	16	0.01
1321663	3/19/2024 14:26	3/19/2024 14:41	15	0
1515733	3/19/2024 14:26	3/19/2024 14:41	15	0

663982	3/19/2024 14:26	3/19/2024 14:31	5	0
1521914	3/19/2024 14:26	3/19/2024 21:21	415	0
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1320845	3/19/2024 14:26	3/19/2024 15:39	73	0
237266	3/19/2024 14:26	3/19/2024 15:13	47	0
238732	3/19/2024 14:26	3/19/2024 15:14	48	0.2
506261	3/19/2024 14:26	3/19/2024 15:23	57	0
1321114	3/19/2024 14:26	3/19/2024 14:42	16	0
549259	3/19/2024 14:26	3/19/2024 14:46	20	0
1361528	3/19/2024 14:26	3/19/2024 14:37	11	0
25674	3/19/2024 14:26	3/19/2024 14:58	32	0
955448	3/19/2024 14:27	3/19/2024 15:14	47	0
8206792	3/19/2024 14:27	3/19/2024 14:38	11	0
35442	3/19/2024 14:27	3/19/2024 15:01	34	0.02
1320646	3/19/2024 14:27	3/19/2024 14:38	11	0
645144	3/19/2024 14:27	3/19/2024 14:42	15	0.17
303811	3/19/2024 14:27	3/19/2024 14:42	15	0
34832	3/19/2024 14:27	3/19/2024 14:58	31	0
304209	3/19/2024 14:27	3/19/2024 14:43	16	0
1321605	3/19/2024 14:27	3/19/2024 14:48	21	0.02
952445	3/19/2024 14:27	3/19/2024 14:43	16	0
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564518	3/19/2024 14:27	3/19/2024 14:42	15	0
1450250	3/19/2024 14:27	3/19/2024 14:38	11	0.15
10371746	3/19/2024 14:27	3/19/2024 14:43	16	0.01
1701172	3/19/2024 14:27	3/19/2024 14:42	15	0
1362646	3/19/2024 14:28	3/19/2024 14:39	11	0
29635	3/19/2024 14:28	3/19/2024 14:59	31	0
956559	3/19/2024 14:28	3/19/2024 14:44	16	0.03
664453	3/19/2024 14:28	3/19/2024 14:39	11	0
1041597	3/19/2024 14:28	3/19/2024 15:00	32	0
237312	3/19/2024 14:28	3/19/2024 15:10	42	0.4
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957216	3/19/2024 14:28	3/19/2024 15:15	47	0
27852	3/19/2024 14:28	3/19/2024 15:00	32	0.04
1451744	3/19/2024 14:28	3/19/2024 14:38	10	0
1465391	3/19/2024 14:28	3/19/2024 14:39	11	0
304295	3/19/2024 14:29	3/19/2024 14:44	15	0
23566	3/19/2024 14:29	3/19/2024 15:01	32	0.01
1320008	3/19/2024 14:29	3/19/2024 14:39	10	0
1393699	3/19/2024 14:29	3/19/2024 14:45	16	0.13
8621797	3/19/2024 14:29	3/19/2024 21:23	414	0
23462	3/19/2024 14:29	3/19/2024 14:56	27	0
1312270	3/19/2024 14:29	3/19/2024 14:45	16	0
26864	3/19/2024 14:29	3/19/2024 15:00	31	0

307661	3/19/2024 14:29	3/19/2024 21:16	407	0
188639	3/19/2024 14:29	3/19/2024 15:01	32	0
956579	3/19/2024 14:29	3/19/2024 14:45	16	0
304785	3/19/2024 14:29	3/19/2024 14:44	15	0.07
15611	3/19/2024 14:30	3/19/2024 21:19	409	0
304265	3/19/2024 14:30	3/19/2024 14:46	16	0
954332	3/19/2024 14:30	3/19/2024 14:45	15	0.05
982898	3/19/2024 14:30	3/19/2024 20:53	383	0
396857	3/19/2024 14:30	3/19/2024 15:38	68	0
1573666	3/19/2024 14:30	3/19/2024 14:46	16	0
14605	3/19/2024 14:30	3/19/2024 21:24	414	0
34887	3/19/2024 14:31	3/19/2024 14:57	26	0
1494722	3/19/2024 14:31	3/19/2024 14:41	10	0
663982	3/19/2024 14:31	3/19/2024 14:42	11	0
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51483	3/19/2024 14:31	3/19/2024 15:02	31	0
14239	3/19/2024 14:31	3/19/2024 21:21	410	0
265955	3/19/2024 14:31	3/19/2024 21:18	407	0
982261	3/19/2024 14:32	3/19/2024 14:47	15	0.07
7533405	3/19/2024 14:32	3/19/2024 14:43	11	0
1576533	3/19/2024 14:32	3/19/2024 14:48	16	0
1503739	3/19/2024 14:32	3/19/2024 14:48	16	0.05
11435788	3/19/2024 14:32	3/19/2024 21:21	409	0
304845	3/19/2024 14:32	3/19/2024 14:48	16	0
8950281	3/19/2024 14:32	3/19/2024 15:03	31	0
8495805	3/19/2024 14:32	3/19/2024 21:22	410	0
1514004	3/19/2024 14:32	3/19/2024 14:48	16	0.09
1557303	3/19/2024 14:32	3/19/2024 14:48	16	0.07
5212517	3/19/2024 14:32	3/19/2024 21:16	404	0
304345	3/19/2024 14:32	3/19/2024 21:20	408	0
449036	3/19/2024 14:33	3/19/2024 14:49	16	0.04
979888	3/19/2024 14:33	3/19/2024 14:49	16	0
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980398	3/19/2024 14:33	3/19/2024 14:48	15	0
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1565203	3/19/2024 14:33	3/19/2024 14:49	16	0
1513398	3/19/2024 14:34	3/19/2024 15:01	27	0
980870	3/19/2024 14:34	3/19/2024 14:45	11	0.07
456099	3/19/2024 14:34	3/19/2024 21:12	398	0
1077082	3/19/2024 14:34	3/19/2024 21:13	399	0
1064575	3/19/2024 14:34	3/19/2024 14:49	15	0
1556243	3/19/2024 14:34	3/19/2024 14:50	16	0
265473	3/19/2024 14:34	3/19/2024 21:18	404	0
457978	3/19/2024 14:34	3/19/2024 21:18	404	0.08
954637	3/19/2024 14:34	3/19/2024 14:44	10	0
1064514	3/19/2024 14:35	3/19/2024 14:45	10	0
561757	3/19/2024 14:35	3/19/2024 21:14	399	0.04

1557676	3/19/2024 14:35	3/19/2024 14:50	15	0.08
197629	3/19/2024 14:35	3/19/2024 21:21	406	0.07
197883	3/19/2024 14:35	3/19/2024 21:15	400	0.07
1394324	3/19/2024 14:35	3/19/2024 17:32	177	0
1556246	3/19/2024 14:35	3/19/2024 14:50	15	0
1093889	3/19/2024 14:35	3/19/2024 21:14	399	0
13876	3/19/2024 14:35	3/19/2024 21:19	404	0
1412757	3/19/2024 14:36	3/19/2024 21:09	393	0
457729	3/19/2024 14:36	3/19/2024 14:51	15	0
450309	3/19/2024 14:36	3/19/2024 21:10	394	0
226207	3/19/2024 14:36	3/20/2024 10:00	1163.2	0
207058	3/19/2024 14:36	3/19/2024 21:16	400	0
9063373	3/19/2024 14:36	3/19/2024 15:18	42	0
6828301	3/19/2024 14:36	3/19/2024 22:53	497	0
11081884	3/19/2024 14:36	3/19/2024 21:16	400	0
8717997	3/19/2024 14:36	3/19/2024 20:53	377	0
197690	3/19/2024 14:37	3/19/2024 21:10	393	0
1362130	3/19/2024 14:37	3/19/2024 21:05	388	0.26
903630	3/19/2024 14:37	3/19/2024 20:59	382	0
1361528	3/19/2024 14:37	3/19/2024 21:11	394	0
1394365	3/19/2024 14:37	3/19/2024 15:19	42	0.07
558031	3/19/2024 14:37	3/19/2024 21:15	398	0
1093722	3/19/2024 14:37	3/19/2024 21:11	394	0.05
1554218	3/19/2024 14:37	3/19/2024 14:47	10	0.13
1450250	3/19/2024 14:38	3/19/2024 21:11	393	0.17
1320646	3/19/2024 14:38	3/19/2024 21:05	387	0.08
1361770	3/19/2024 14:38	3/19/2024 21:01	383	0.08
196408	3/19/2024 14:38	3/19/2024 21:25	407	0
1363588	3/19/2024 14:38	3/19/2024 21:01	383	0.1
8206792	3/19/2024 14:38	3/19/2024 21:01	383	0
1451744	3/19/2024 14:38	3/19/2024 21:07	389	0.15
455994	3/19/2024 14:38	3/19/2024 21:17	399	0.32
1465391	3/19/2024 14:39	3/19/2024 21:18	399	0
553755	3/19/2024 14:39	3/19/2024 21:18	399	0.17
1320008	3/19/2024 14:39	3/19/2024 20:58	379	0.09
196965	3/19/2024 14:39	3/19/2024 21:12	393	0.13
224277	3/19/2024 14:39	3/19/2024 21:08	389	0
197356	3/19/2024 14:39	3/19/2024 21:23	404	0
1362646	3/19/2024 14:39	3/19/2024 14:44	5	0
664453	3/19/2024 14:39	3/19/2024 20:57	378	0
2032900	3/19/2024 14:39	3/19/2024 20:47	368	0
1516579	3/19/2024 14:39	3/19/2024 21:23	404	0
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1385122	3/19/2024 14:40	3/19/2024 21:08	388	0.08
1320619	3/19/2024 14:40	3/20/2024 0:13	573	0
1494722	3/19/2024 14:41	3/19/2024 21:18	397	0.18
569420	3/19/2024 14:41	3/19/2024 21:09	388	0

1321663	3/19/2024 14:41	3/19/2024 20:54	373	0.08
1452193	3/19/2024 14:41	3/19/2024 20:59	378	0
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1321750	3/19/2024 14:41	3/19/2024 20:59	378	0
1288420	3/19/2024 14:41	3/19/2024 14:46	5	0
1515733	3/19/2024 14:41	3/19/2024 21:26	405	0
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567126	3/19/2024 14:41	3/19/2024 21:15	394	0.44
1355611	3/19/2024 14:41	3/20/2024 10:00	1158.27	0
1321114	3/19/2024 14:42	3/19/2024 21:00	378	0
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952445	3/19/2024 14:43	3/19/2024 21:06	383	0
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1453263	3/19/2024 14:43	3/19/2024 14:54	11	0
7533405	3/19/2024 14:43	3/19/2024 18:44	241	0
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1385431	3/19/2024 14:44	3/19/2024 21:17	393	0
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954637	3/19/2024 14:44	3/19/2024 20:57	373	0
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1393699	3/19/2024 14:45	3/19/2024 21:03	378	0
954332	3/19/2024 14:45	3/19/2024 20:48	363	0.07
956579	3/19/2024 14:45	3/19/2024 21:03	378	0
1312270	3/19/2024 14:45	3/19/2024 20:58	373	0
1064514	3/19/2024 14:45	3/19/2024 15:01	16	0.04
980870	3/19/2024 14:45	3/19/2024 21:49	424	0
1267978	3/19/2024 14:45	3/19/2024 21:18	393	0
981933	3/19/2024 14:46	3/19/2024 20:58	372	0
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1393633	3/19/2024 14:46	3/19/2024 18:27	221	0.36
1573666	3/19/2024 14:46	3/19/2024 21:14	388	0
11176351	3/19/2024 14:47	3/19/2024 21:20	393	0
1554218	3/19/2024 14:47	3/19/2024 21:21	394	0.17
982261	3/19/2024 14:47	3/19/2024 21:05	378	0
663982	3/19/2024 14:47	3/19/2024 14:58	11	0

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980398	3/19/2024 14:48	3/19/2024 20:56	368	0
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1503739	3/19/2024 14:48	3/19/2024 20:50	362	0
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1701172	3/19/2024 14:58	3/19/2024 15:40	42	0
25674	3/19/2024 14:58	3/19/2024 21:11	373	0.04
663982	3/19/2024 14:58	3/19/2024 15:03	5	0
449377	3/19/2024 14:58	3/19/2024 15:40	42	0
27483	3/19/2024 14:59	3/19/2024 21:20	381	0
27443	3/19/2024 14:59	3/19/2024 21:22	383	0.1
29848	3/19/2024 14:59	3/19/2024 21:12	373	0.28
29635	3/19/2024 14:59	3/19/2024 21:18	379	0
1041597	3/19/2024 15:00	3/19/2024 20:52	352	0
24993	3/19/2024 15:00	3/20/2024 10:00	1139.2	0
26864	3/19/2024 15:00	3/19/2024 21:18	378	0
27852	3/19/2024 15:00	3/19/2024 17:00	120	0

23464	3/19/2024 15:00	3/20/2024 10:00	1139.2	0
1362646	3/19/2024 15:00	3/19/2024 15:10	10	0
29748	3/19/2024 15:00	3/19/2024 22:13	433	0
30176	3/19/2024 15:00	3/20/2024 10:00	1139.2	0
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189581	3/19/2024 15:00	3/19/2024 21:25	385	0
1064514	3/19/2024 15:01	3/19/2024 21:09	368	0.19
35442	3/19/2024 15:01	3/19/2024 21:25	384	0
188639	3/19/2024 15:01	3/19/2024 18:46	225	0
1513398	3/19/2024 15:01	3/19/2024 21:19	378	0
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1556565	3/19/2024 15:02	3/19/2024 21:15	373	0
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861053	3/19/2024 15:05	3/19/2024 21:07	362	0
860934	3/19/2024 15:05	3/19/2024 21:02	357	0
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237312	3/19/2024 15:10	3/19/2024 21:17	367	0
1588365	3/19/2024 15:11	3/19/2024 15:16	5	0
1587793	3/19/2024 15:12	3/20/2024 10:00	1127.75	0
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1288420	3/19/2024 15:13	3/19/2024 15:18	5	0
237266	3/19/2024 15:13	3/19/2024 21:09	356	0
955448	3/19/2024 15:14	3/19/2024 20:46	332	0
238732	3/19/2024 15:14	3/19/2024 21:15	361	0
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1362646	3/19/2024 15:16	3/19/2024 15:26	10	0
1588365	3/19/2024 15:16	3/20/2024 10:00	1123.75	0
9063373	3/19/2024 15:18	3/19/2024 15:34	16	0
1288420	3/19/2024 15:18	3/19/2024 15:29	11	0
1394365	3/19/2024 15:19	3/19/2024 15:35	16	0
320966	3/19/2024 15:19	3/19/2024 21:16	357	0
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663982	3/19/2024 15:19	3/19/2024 15:24	5	0
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914462	3/19/2024 15:21	3/19/2024 20:57	336	0
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506261	3/19/2024 15:23	3/19/2024 21:15	352	0.19
663982	3/19/2024 15:24	3/19/2024 15:29	5	0
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511223	3/19/2024 15:25	3/19/2024 21:17	352	0
509102	3/19/2024 15:25	3/19/2024 21:22	357	0
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1405290	3/19/2024 15:28	3/19/2024 16:15	47	0
1288420	3/19/2024 15:29	3/19/2024 15:34	5	0
663982	3/19/2024 15:29	3/19/2024 15:40	11	0
13912	3/19/2024 15:31	3/20/2024 10:00	1108.2	0
1362646	3/19/2024 15:31	3/19/2024 15:42	11	0
1406535	3/19/2024 15:31	3/19/2024 16:13	42	0
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9063373	3/19/2024 15:34	3/19/2024 21:20	346	0
1394365	3/19/2024 15:35	3/19/2024 21:16	341	0
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396857	3/19/2024 15:38	3/19/2024 15:43	5	0
1320845	3/19/2024 15:39	3/19/2024 20:54	315	0
1288420	3/19/2024 15:39	3/19/2024 15:44	5	0
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663982	3/19/2024 15:40	3/19/2024 15:45	5	0
1701172	3/19/2024 15:40	3/19/2024 20:39	299	0
1362646	3/19/2024 15:42	3/19/2024 15:47	5	0
656343	3/19/2024 15:43	3/19/2024 20:54	311	0
396857	3/19/2024 15:43	3/20/2024 10:00	1096.8	0
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1288420	3/19/2024 15:44	3/20/2024 10:00	1095.27	0
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1362646	3/19/2024 15:47	3/19/2024 15:52	5	0
1421188	3/19/2024 15:49	3/19/2024 21:12	323	0
1362646	3/19/2024 15:52	3/19/2024 15:58	6	0
539938	3/19/2024 15:54	3/19/2024 16:10	16	0
663982	3/19/2024 15:56	3/19/2024 16:01	5	0
1362646	3/19/2024 15:58	3/19/2024 16:08	10	0
663982	3/19/2024 16:01	3/19/2024 16:11	10	0
1463218	3/19/2024 16:04	3/19/2024 21:03	299	0
324249	3/19/2024 16:07	3/19/2024 16:23	16	0
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323657	3/19/2024 16:10	3/19/2024 16:26	16	0
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449377	3/19/2024 16:12	3/19/2024 16:38	26	0

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400637	3/19/2024 16:29	3/20/2024 10:00	1050.8	0
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449377	3/19/2024 16:38	3/19/2024 16:59	21	0
663982	3/19/2024 16:54	3/19/2024 16:59	5	0
1350104	3/19/2024 16:55	3/19/2024 21:13	258	0
1351588	3/19/2024 16:57	3/19/2024 21:14	257	0
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449377	3/19/2024 16:59	3/19/2024 17:04	5	0
27852	3/19/2024 17:00	3/20/2024 10:00	1019.2	0
449377	3/19/2024 17:04	3/19/2024 18:49	105	0
324290	3/19/2024 17:06	3/19/2024 21:12	246	0
1394324	3/19/2024 17:32	3/19/2024 21:17	225	0
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188639	3/19/2024 18:46	3/20/2024 9:57	911	0
449377	3/19/2024 18:49	3/19/2024 19:57	68	0
449377	3/19/2024 19:57	3/19/2024 20:18	21	0
8972545	3/19/2024 20:08	3/20/2024 10:00	831.8	0
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1321605	3/19/2024 20:34	3/20/2024 9:26	772	0
315346	3/19/2024 20:38	3/20/2024 9:39	781	0
1701172	3/19/2024 20:39	3/20/2024 8:07	688	0
317233	3/19/2024 20:41	3/20/2024 9:42	781	0
955448	3/19/2024 20:46	3/20/2024 10:00	793	0
324249	3/19/2024 20:47	3/20/2024 10:00	792.2	0
2032900	3/19/2024 20:47	3/20/2024 8:09	682	0
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956559	3/19/2024 20:52	3/20/2024 10:00	787	0
1041597	3/19/2024 20:52	3/20/2024 10:00	787	0
945898	3/19/2024 20:52	3/20/2024 10:00	787.42	0

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800576	3/19/2024 20:53	3/20/2024 10:00	786.42	0
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1321663	3/19/2024 20:54	3/20/2024 8:11	677	0
656343	3/19/2024 20:54	3/20/2024 10:00	785.42	0
980132	3/19/2024 20:55	3/20/2024 10:00	784	0
1272457	3/19/2024 20:56	3/20/2024 8:29	693	0
980398	3/19/2024 20:56	3/20/2024 9:16	740	0
979888	3/19/2024 20:56	3/20/2024 10:00	783	0
954637	3/19/2024 20:57	3/20/2024 10:00	782	0
664453	3/19/2024 20:57	3/20/2024 10:00	782.42	0
1704779	3/19/2024 20:57	3/20/2024 10:00	782.27	0
914462	3/19/2024 20:57	3/20/2024 10:00	782.42	0
865320	3/19/2024 20:57	3/20/2024 10:00	782.42	0
1312270	3/19/2024 20:58	3/20/2024 10:00	781.27	0
1265778	3/19/2024 20:58	3/20/2024 10:00	781.27	0
1320008	3/19/2024 20:58	3/20/2024 9:54	776	0
1332906	3/19/2024 20:58	3/20/2024 10:00	781.27	0
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1556352	3/19/2024 20:59	3/20/2024 10:00	780.75	0
903630	3/19/2024 20:59	3/20/2024 10:00	780.42	0
1321114	3/19/2024 21:00	3/20/2024 8:07	667	0
1407947	3/19/2024 21:00	3/20/2024 10:00	779.27	0
1309098	3/19/2024 21:00	3/20/2024 10:00	779.27	0
793638	3/19/2024 21:01	3/20/2024 10:00	778.42	0
1363588	3/19/2024 21:01	3/20/2024 10:00	778.27	0
1361770	3/19/2024 21:01	3/20/2024 10:00	778.27	0
793690	3/19/2024 21:01	3/20/2024 10:00	778.42	0
1378141	3/19/2024 21:01	3/20/2024 10:00	778.27	0
957216	3/19/2024 21:01	3/20/2024 10:00	778	0
8206792	3/19/2024 21:01	3/20/2024 10:00	778.75	0
7097388	3/19/2024 21:01	3/20/2024 10:00	778.27	0
1654064	3/19/2024 21:02	3/20/2024 10:00	777	0
860934	3/19/2024 21:02	3/20/2024 10:00	777.42	0
1599209	3/19/2024 21:02	3/20/2024 10:00	777.75	0
1432827	3/19/2024 21:03	3/20/2024 10:00	776.75	0
1407881	3/19/2024 21:03	3/20/2024 10:00	776.27	0
658837	3/19/2024 21:03	3/20/2024 10:00	776.42	0
956579	3/19/2024 21:03	3/20/2024 10:00	776	0
997397	3/19/2024 21:03	3/20/2024 10:00	776	0
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1463218	3/19/2024 21:03	3/20/2024 10:00	776.75	0
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385332	3/19/2024 21:04	3/20/2024 10:00	775.8	0
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790670	3/19/2024 21:05	3/20/2024 10:00	774.42	0
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952445	3/19/2024 21:06	3/20/2024 10:00	773	0
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916441	3/19/2024 21:08	3/20/2024 10:00	771.42	0
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1508563	3/19/2024 21:08	3/20/2024 10:00	771.75	0
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237266	3/19/2024 21:09	3/20/2024 10:00	770.2	0
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1268231	3/19/2024 21:09	3/20/2024 10:00	770	0
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417158	3/19/2024 21:09	3/20/2024 10:00	770.8	0
1444809	3/19/2024 21:09	3/20/2024 7:55	646	0
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328911	3/19/2024 21:10	3/20/2024 10:00	769.2	0

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1671958	3/19/2024 21:11	3/20/2024 10:00	768.8	0
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1453263	3/19/2024 21:11	3/20/2024 10:00	768.75	0
609850	3/19/2024 21:11	3/20/2024 10:00	768.8	0
1450250	3/19/2024 21:11	3/20/2024 10:00	768.75	0
1466357	3/19/2024 21:11	3/20/2024 10:00	768.75	0
1093722	3/19/2024 21:11	3/20/2024 8:23	672	0
634044	3/19/2024 21:11	3/20/2024 10:00	768.8	0
8486022	3/19/2024 21:11	3/20/2024 10:00	768.75	0
957615	3/19/2024 21:11	3/20/2024 10:00	768	0
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626477	3/19/2024 21:11	3/20/2024 10:00	768.8	0
324290	3/19/2024 21:12	3/20/2024 8:51	699	0
500173	3/19/2024 21:12	3/20/2024 10:00	767.8	0
196965	3/19/2024 21:12	3/20/2024 10:00	767.2	0
1469956	3/19/2024 21:12	3/20/2024 10:00	767.75	0
1543287	3/19/2024 21:12	3/20/2024 10:00	767.75	0
456099	3/19/2024 21:12	3/20/2024 9:52	760	0
624953	3/19/2024 21:12	3/20/2024 10:00	767.8	0
346288	3/19/2024 21:12	3/20/2024 10:00	767.2	0
1421188	3/19/2024 21:12	3/20/2024 10:00	767.27	0
28509	3/19/2024 21:12	3/20/2024 9:59	767	0
626600	3/19/2024 21:12	3/20/2024 10:00	767.8	0
29848	3/19/2024 21:12	3/20/2024 9:58	766	0.01
563241	3/19/2024 21:13	3/20/2024 10:00	766.8	0
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1350104	3/19/2024 21:13	3/20/2024 9:12	719	0
457729	3/19/2024 21:13	3/20/2024 9:50	757	0
1092960	3/19/2024 21:13	3/20/2024 10:00	766.8	0
1077082	3/19/2024 21:13	3/20/2024 9:49	756	0
610737	3/19/2024 21:13	3/20/2024 10:00	766.8	0
188789	3/19/2024 21:13	3/20/2024 10:00	766.2	0
627018	3/19/2024 21:13	3/20/2024 10:00	766.8	0
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398553	3/19/2024 21:13	3/20/2024 10:00	766.8	0
10433250	3/19/2024 21:13	3/20/2024 10:00	766.27	0
1377844	3/19/2024 21:13	3/20/2024 10:00	766.27	0
510522	3/19/2024 21:13	3/20/2024 10:00	766.8	0
1064575	3/19/2024 21:13	3/20/2024 9:54	761	0
10510361	3/19/2024 21:13	3/20/2024 9:38	745	0
1511264	3/19/2024 21:13	3/20/2024 10:00	766.75	0
1469850	3/19/2024 21:13	3/20/2024 10:00	766.75	0

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1417138	3/19/2024 21:14	3/20/2024 10:00	765.27	0
561757	3/19/2024 21:14	3/20/2024 9:54	760	0
1538577	3/19/2024 21:14	3/20/2024 10:00	765.75	0
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643434	3/19/2024 21:14	3/20/2024 10:00	765.8	0
571143	3/19/2024 21:14	3/20/2024 10:00	765.8	0
1430838	3/19/2024 21:14	3/20/2024 9:50	756	0
392602	3/19/2024 21:14	3/20/2024 10:00	765.8	0
325050	3/19/2024 21:14	3/20/2024 10:00	765.2	0
1351588	3/19/2024 21:14	3/20/2024 9:14	720	0
418876	3/19/2024 21:14	3/20/2024 10:00	765.8	0
1430553	3/19/2024 21:14	3/20/2024 9:50	756	0
1573666	3/19/2024 21:14	3/20/2024 10:00	765.75	0
561758	3/19/2024 21:14	3/20/2024 10:00	765.8	0
539938	3/19/2024 21:14	3/20/2024 10:00	765.8	0
314188	3/19/2024 21:14	3/20/2024 8:31	677	0
23566	3/19/2024 21:14	3/20/2024 10:00	765.2	0
971524	3/19/2024 21:14	3/20/2024 10:00	765.8	0
567126	3/19/2024 21:15	3/20/2024 10:00	764.8	0
1510476	3/19/2024 21:15	3/20/2024 10:00	764.75	0
1377393	3/19/2024 21:15	3/20/2024 10:00	764.27	0
634779	3/19/2024 21:15	3/20/2024 10:00	764.8	0
1073095	3/19/2024 21:15	3/20/2024 10:00	764.8	0
624628	3/19/2024 21:15	3/20/2024 10:00	764.8	0
10659831	3/19/2024 21:15	3/20/2024 10:00	764.75	0
1469270	3/19/2024 21:15	3/20/2024 10:00	764.75	0
238732	3/19/2024 21:15	3/20/2024 10:00	764.2	0
558031	3/19/2024 21:15	3/20/2024 9:51	756	0
564518	3/19/2024 21:15	3/20/2024 10:00	764.8	0
506261	3/19/2024 21:15	3/20/2024 10:00	764.8	0
1464949	3/19/2024 21:15	3/20/2024 10:00	764.75	0
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6995795	3/19/2024 21:15	3/20/2024 10:00	764.8	0
498070	3/19/2024 21:15	3/20/2024 10:00	764.8	0
1556565	3/19/2024 21:15	3/20/2024 10:00	764.75	0
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197883	3/19/2024 21:15	3/20/2024 10:00	764.2	0
399518	3/19/2024 21:15	3/20/2024 10:00	764.8	0
605186	3/19/2024 21:15	3/20/2024 10:00	764.8	0
51483	3/19/2024 21:15	3/20/2024 10:00	764.2	0
353651	3/19/2024 21:15	3/20/2024 10:00	764.2	0
307661	3/19/2024 21:16	3/20/2024 10:00	763.2	0
55337	3/19/2024 21:16	3/20/2024 10:00	763.2	0
590897	3/19/2024 21:16	3/20/2024 10:00	763.8	0
304209	3/19/2024 21:16	3/20/2024 10:00	763.2	0
563721	3/19/2024 21:16	3/20/2024 10:00	763.8	0

1376158	3/19/2024 21:16	3/20/2024 8:12	656	0
645144	3/19/2024 21:16	3/20/2024 10:00	763.8	0
5212517	3/19/2024 21:16	3/20/2024 10:00	763.2	0
11081884	3/19/2024 21:16	3/20/2024 10:00	763.2	0
447406	3/19/2024 21:16	3/20/2024 10:00	763.8	0
207058	3/19/2024 21:16	3/20/2024 10:00	763.2	0
6761269	3/19/2024 21:16	3/20/2024 10:00	763.2	0
320966	3/19/2024 21:16	3/20/2024 9:49	753	0
1394365	3/19/2024 21:16	3/20/2024 9:37	741	0
6280623	3/19/2024 21:16	3/20/2024 9:42	746	0
1557303	3/19/2024 21:16	3/20/2024 10:00	763.75	0
8950281	3/19/2024 21:16	3/20/2024 10:00	763.2	0
7879030	3/19/2024 21:16	3/20/2024 10:00	763.8	0
12682110	3/19/2024 21:17	3/20/2024 10:00	762.75	0
455994	3/19/2024 21:17	3/20/2024 9:53	756	0
398660	3/19/2024 21:17	3/20/2024 10:00	762.8	0
49209	3/19/2024 21:17	3/20/2024 10:00	762.2	0
611363	3/19/2024 21:17	3/20/2024 10:00	762.8	0
342796	3/19/2024 21:17	3/20/2024 10:00	762.2	0
1394324	3/19/2024 21:17	3/20/2024 9:33	736	0
449036	3/19/2024 21:17	3/20/2024 10:00	762.8	0
306565	3/19/2024 21:17	3/20/2024 10:00	762.2	0
397349	3/19/2024 21:17	3/20/2024 10:00	762.8	0
315169	3/19/2024 21:17	3/20/2024 8:34	677	0
1514004	3/19/2024 21:17	3/20/2024 10:00	762.75	0
34832	3/19/2024 21:17	3/20/2024 10:00	762.2	0
237312	3/19/2024 21:17	3/20/2024 10:00	762.2	0
353082	3/19/2024 21:17	3/20/2024 10:00	762.2	0
511223	3/19/2024 21:17	3/20/2024 10:00	762.8	0
1518000	3/19/2024 21:17	3/20/2024 10:00	762.75	0
328113	3/19/2024 21:17	3/20/2024 10:00	762.2	0
643812	3/19/2024 21:17	3/20/2024 10:00	762.8	0
1557188	3/19/2024 21:17	3/20/2024 10:00	762.75	0
401447	3/19/2024 21:17	3/20/2024 10:00	762.8	0
1385431	3/19/2024 21:17	3/20/2024 10:00	762.27	0
8104722	3/19/2024 21:17	3/20/2024 9:37	740	0
1638359	3/19/2024 21:17	3/20/2024 10:00	762.75	0
56008	3/19/2024 21:17	3/20/2024 10:00	762.2	0
574224	3/19/2024 21:17	3/20/2024 10:00	762.8	0
324045	3/19/2024 21:18	3/20/2024 10:00	761.2	0
1406535	3/19/2024 21:18	3/20/2024 10:00	761.27	0
574596	3/19/2024 21:18	3/20/2024 9:52	754	0
1267978	3/19/2024 21:18	3/20/2024 7:54	636	0
345647	3/19/2024 21:18	3/20/2024 10:00	761.2	0
1539391	3/19/2024 21:18	3/20/2024 10:00	761.75	0
7178975	3/19/2024 21:18	3/20/2024 8:36	678	0
304785	3/19/2024 21:18	3/20/2024 9:28	730	0

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1377303	3/19/2024 21:18	3/20/2024 10:00	761.27	0
29635	3/19/2024 21:18	3/20/2024 10:00	761.2	0
523489	3/19/2024 21:18	3/20/2024 9:38	740	0
1624452	3/19/2024 21:18	3/20/2024 10:00	761.75	0
265955	3/19/2024 21:18	3/20/2024 10:00	761.2	0
265473	3/19/2024 21:18	3/20/2024 10:00	761.2	0
1494722	3/19/2024 21:18	3/20/2024 9:28	730	0
553755	3/19/2024 21:18	3/20/2024 10:00	761.8	0
1604432	3/19/2024 21:18	3/20/2024 9:49	751	0
1465391	3/19/2024 21:18	3/20/2024 9:28	730	0
1556246	3/19/2024 21:18	3/20/2024 10:00	761.75	0
400212	3/19/2024 21:18	3/20/2024 10:00	761.8	0
627289	3/19/2024 21:18	3/20/2024 10:00	761.8	0
1588354	3/19/2024 21:18	3/20/2024 10:00	761.75	0
392223	3/19/2024 21:18	3/20/2024 10:00	761.8	0
26864	3/19/2024 21:18	3/20/2024 10:00	761.2	0
457978	3/19/2024 21:18	3/20/2024 9:53	755	0
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1557676	3/19/2024 21:19	3/20/2024 10:00	760.75	0
323747	3/19/2024 21:19	3/20/2024 10:00	760.2	0
1513398	3/19/2024 21:19	3/20/2024 10:00	760.75	0
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30471	3/19/2024 21:19	3/20/2024 9:59	760	0
15611	3/19/2024 21:19	3/20/2024 10:00	760.2	0
401650	3/19/2024 21:19	3/20/2024 10:00	760.8	0
8148103	3/19/2024 21:19	3/20/2024 10:00	760.2	0
13876	3/19/2024 21:19	3/20/2024 10:00	760.2	0
380057	3/19/2024 21:20	3/20/2024 10:00	759.8	0
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188843	3/19/2024 21:20	3/20/2024 10:00	759.2	0
304345	3/19/2024 21:20	3/20/2024 10:00	759.2	0
34887	3/19/2024 21:20	3/20/2024 10:00	759.2	0
9063373	3/19/2024 21:20	3/20/2024 9:35	735	0
34905	3/19/2024 21:20	3/20/2024 9:56	756	0
11176351	3/19/2024 21:20	3/20/2024 10:00	759.75	0
27483	3/19/2024 21:20	3/20/2024 9:56	756	0
323657	3/19/2024 21:20	3/20/2024 10:00	759.2	0
381982	3/19/2024 21:21	3/20/2024 10:00	758.8	0
14239	3/19/2024 21:21	3/20/2024 10:00	758.2	0
303811	3/19/2024 21:21	3/20/2024 9:57	756	0
1556243	3/19/2024 21:21	3/20/2024 10:00	758.75	0
1554218	3/19/2024 21:21	3/20/2024 10:00	758.75	0
11435788	3/19/2024 21:21	3/20/2024 10:00	758.2	0
197629	3/19/2024 21:21	3/20/2024 10:00	758.2	0
315730	3/19/2024 21:21	3/20/2024 8:33	672	0
1521914	3/19/2024 21:21	3/20/2024 10:00	758.75	0

509102	3/19/2024 21:22	3/20/2024 10:00	757.8	0
1543009	3/19/2024 21:22	3/20/2024 10:00	757.75	0
27443	3/19/2024 21:22	3/20/2024 9:58	756	0
56196	3/19/2024 21:22	3/20/2024 10:00	757.2	0
1556434	3/19/2024 21:22	3/20/2024 10:00	757.75	0
624716	3/19/2024 21:22	3/20/2024 10:00	757.8	0
574993	3/19/2024 21:22	3/20/2024 9:05	703	0
561672	3/19/2024 21:22	3/20/2024 10:00	757.8	0
1565203	3/19/2024 21:22	3/20/2024 10:00	757.75	0
1638479	3/19/2024 21:22	3/20/2024 10:00	757.75	0
8495802	3/19/2024 21:22	3/20/2024 10:00	757.75	0
8495805	3/19/2024 21:22	3/20/2024 10:00	757.8	0
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1343091	3/19/2024 21:41	3/20/2024 10:00	738.27	0
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6828301	3/19/2024 22:53	3/20/2024 10:00	666.2	0
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1394324	3/20/2024 10:00	3/20/2024 11:23	83	0
396857	3/20/2024 10:00	3/21/2024 10:00	1439.8	0
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1701172	3/20/2024 10:08	3/20/2024 11:42	94	0
601397	3/20/2024 10:08	3/20/2024 11:53	105	0
1288420	3/20/2024 10:08	3/21/2024 10:00	1431.27	0
574993	3/20/2024 10:08	3/20/2024 21:35	687	0
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1267978	3/20/2024 10:10	3/20/2024 14:22	252	0
523489	3/20/2024 10:10	3/20/2024 11:08	58	0
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342796	3/20/2024 10:14	3/20/2024 21:26	672	0.11
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1393699	3/20/2024 10:16	3/20/2024 21:23	667	0
1376158	3/20/2024 10:16	3/20/2024 20:23	607	0
1430553	3/20/2024 10:16	3/20/2024 21:28	672	0
314188	3/20/2024 10:16	3/20/2024 22:48	752	0
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1064575	3/20/2024 10:25	3/20/2024 21:21	656	0

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954332	3/20/2024 10:42	3/20/2024 11:45	63	0
265955	3/20/2024 10:43	3/20/2024 11:14	31	0
957615	3/20/2024 10:44	3/20/2024 11:47	63	0
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955448	3/20/2024 10:45	3/20/2024 11:43	58	0
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196965	3/20/2024 11:10	3/20/2024 21:24	614	0.23
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317084	3/20/2024 11:12	3/20/2024 21:32	620	0
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1453263	3/20/2024 11:12	3/20/2024 11:44	32	0
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317126	3/20/2024 11:12	3/20/2024 21:16	604	0.56
8104722	3/20/2024 11:12	3/20/2024 21:30	618	0
1588365	3/20/2024 11:13	3/20/2024 14:38	205	0
658837	3/20/2024 11:14	3/20/2024 21:28	614	0.02
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1394365	3/20/2024 11:37	3/20/2024 11:48	11	0
740241	3/20/2024 11:37	3/20/2024 14:20	163	0
1361528	3/20/2024 11:37	3/20/2024 14:25	168	0
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955448	3/20/2024 11:43	3/20/2024 11:59	16	0
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997397	3/20/2024 11:49	3/20/2024 14:32	163	0
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601397	3/20/2024 11:53	3/20/2024 12:24	31	0
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664453	3/20/2024 11:55	3/20/2024 12:26	31	0
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8717997	3/20/2024 11:55	3/20/2024 12:20	25	0
1092960	3/20/2024 11:55	3/20/2024 12:26	31	0
324045	3/20/2024 11:55	3/20/2024 15:09	194	0
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549617	3/20/2024 11:56	3/20/2024 12:11	15	0.04
658177	3/20/2024 11:56	3/20/2024 12:28	32	0
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1321750	3/20/2024 11:57	3/20/2024 14:29	152	0
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1320646	3/20/2024 11:57	3/20/2024 14:30	153	0.02
957615	3/20/2024 11:58	3/20/2024 12:14	16	0
663982	3/20/2024 11:58	3/20/2024 12:03	5	0
1321605	3/20/2024 11:58	3/20/2024 14:31	153	0.09
1321114	3/20/2024 11:58	3/20/2024 14:30	152	0
1701172	3/20/2024 11:58	3/20/2024 14:31	153	0
955448	3/20/2024 11:59	3/20/2024 12:15	16	0
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952445	3/20/2024 12:00	3/20/2024 12:16	16	0
1320008	3/20/2024 12:00	3/20/2024 14:28	148	0.04
954332	3/20/2024 12:00	3/20/2024 12:16	16	0
1320619	3/20/2024 12:00	3/20/2024 14:25	145	0
956559	3/20/2024 12:00	3/20/2024 12:16	16	0
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9063373	3/20/2024 12:02	3/20/2024 14:03	121	0
1343695	3/20/2024 12:03	3/21/2024 10:00	1316.27	0
663982	3/20/2024 12:03	3/20/2024 12:24	21	0
1394365	3/20/2024 12:04	3/20/2024 14:05	121	0

1514004	3/20/2024 12:04	3/20/2024 13:02	58	0
627018	3/20/2024 12:05	3/20/2024 21:22	557	0.01
626600	3/20/2024 12:05	3/20/2024 21:21	556	0
627289	3/20/2024 12:05	3/20/2024 21:27	562	0
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626477	3/20/2024 12:08	3/20/2024 21:20	552	0
624953	3/20/2024 12:09	3/20/2024 21:25	556	0
624716	3/20/2024 12:09	3/20/2024 21:28	559	0.08
549596	3/20/2024 12:10	3/21/2024 10:00	1309.8	0
549617	3/20/2024 12:11	3/21/2024 10:00	1308.8	0
328113	3/20/2024 12:14	3/20/2024 15:03	169	0.04
957615	3/20/2024 12:14	3/20/2024 14:31	137	0
955448	3/20/2024 12:15	3/20/2024 15:29	194	0
954637	3/20/2024 12:15	3/20/2024 14:31	136	0
956968	3/20/2024 12:15	3/21/2024 10:00	1304	0
956579	3/20/2024 12:15	3/20/2024 14:32	137	0
952445	3/20/2024 12:16	3/20/2024 14:33	137	0.01
956559	3/20/2024 12:16	3/20/2024 14:29	133	0
954332	3/20/2024 12:16	3/20/2024 14:33	137	0
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903630	3/20/2024 12:21	3/20/2024 14:39	138	0
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926505	3/20/2024 12:21	3/21/2024 10:00	1298.42	0
1332906	3/20/2024 12:22	3/20/2024 14:23	121	0
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975066	3/20/2024 12:25	3/20/2024 12:56	31	0
1092960	3/20/2024 12:26	3/20/2024 21:22	536	0
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663228	3/20/2024 12:26	3/20/2024 21:27	541	0
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663982	3/20/2024 14:46	3/20/2024 14:57	11	0
41508	3/20/2024 14:46	3/20/2024 21:20	394	0
1320646	3/20/2024 14:46	3/20/2024 21:25	399	0.08
34613	3/20/2024 14:46	3/21/2024 10:00	1153.2	0
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30380	3/20/2024 14:47	3/20/2024 21:26	399	0
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26864	3/20/2024 14:48	3/20/2024 21:27	399	0
27852	3/20/2024 14:48	3/20/2024 14:53	5	0.07
348446	3/20/2024 14:48	3/20/2024 21:27	399	0.08
23566	3/20/2024 14:48	3/20/2024 21:27	399	0.07
416557	3/20/2024 14:48	3/20/2024 21:22	394	0
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29807	3/20/2024 14:48	3/20/2024 21:25	397	0
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189581	3/20/2024 14:49	3/20/2024 21:34	405	0
27483	3/20/2024 14:50	3/20/2024 21:29	399	0
11176351	3/20/2024 14:50	3/20/2024 21:24	394	0.1
1556352	3/20/2024 14:50	3/20/2024 21:24	394	0.08
1556565	3/20/2024 14:51	3/20/2024 16:04	73	0
1554218	3/20/2024 14:51	3/20/2024 16:04	73	0.02
456099	3/20/2024 14:52	3/20/2024 16:21	89	0
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1556434	3/20/2024 14:53	3/20/2024 16:06	73	0.07
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27852	3/20/2024 14:53	3/21/2024 10:00	1146.2	0
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663982	3/20/2024 14:57	3/20/2024 15:02	5	0
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1493132	3/20/2024 14:58	3/20/2024 16:33	95	0.32
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663982	3/20/2024 15:17	3/20/2024 15:54	37	0
456048	3/20/2024 15:18	3/20/2024 21:25	367	0
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711121	3/20/2024 15:24	3/20/2024 15:34	10	0
1377303	3/20/2024 15:25	3/20/2024 16:07	42	0
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955448	3/20/2024 15:29	3/20/2024 21:15	346	0
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1641091	3/20/2024 15:53	3/20/2024 21:34	341	0
663982	3/20/2024 15:54	3/20/2024 15:59	5	0
312766	3/20/2024 15:55	3/20/2024 21:20	325	0
455994	3/20/2024 15:55	3/20/2024 21:31	336	0
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860281	3/20/2024 16:19	3/20/2024 21:23	304	0
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859747	3/20/2024 16:21	3/20/2024 21:31	310	0
457729	3/20/2024 16:23	3/20/2024 21:33	310	0
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663982	3/20/2024 16:26	3/20/2024 16:31	5	0
1362646	3/20/2024 16:29	3/21/2024 10:00	1050.27	0
663982	3/20/2024 16:31	3/20/2024 16:41	10	0
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663982	3/20/2024 16:46	3/20/2024 16:57	11	0
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663982	3/20/2024 16:57	3/20/2024 17:02	5	0
1493132	3/20/2024 16:59	3/21/2024 0:41	462	0
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1368745	3/20/2024 17:04	3/20/2024 21:21	257	0
7533405	3/20/2024 17:14	3/21/2024 10:00	1005.2	0
25674	3/20/2024 18:16	3/21/2024 10:00	943.2	0
1190820	3/20/2024 18:31	3/21/2024 10:00	928.27	0
308802	3/20/2024 20:05	3/21/2024 10:00	834.2	0
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309944	3/20/2024 20:07	3/21/2024 10:00	832.2	0
309265	3/20/2024 20:08	3/21/2024 10:00	831.2	0
317233	3/20/2024 20:12	3/21/2024 9:40	808	0
315346	3/20/2024 20:15	3/21/2024 9:42	807	0

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8434548	3/20/2024 20:36	3/21/2024 10:00	803.2	0
12378019	3/20/2024 20:37	3/21/2024 10:00	802.2	0
981933	3/20/2024 20:53	3/21/2024 10:00	786	0
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8486022	3/20/2024 20:55	3/21/2024 10:00	784.75	0
1272457	3/20/2024 21:00	3/21/2024 8:01	661	0
997397	3/20/2024 21:01	3/21/2024 10:00	778	0
1020565	3/20/2024 21:02	3/21/2024 10:00	777	0
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312706	3/20/2024 21:08	3/21/2024 10:00	771.2	0
314350	3/20/2024 21:08	3/21/2024 10:00	771.2	0
11832097	3/20/2024 21:08	3/21/2024 10:00	771.2	0
980398	3/20/2024 21:10	3/21/2024 9:15	725	0
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1041597	3/20/2024 21:11	3/21/2024 10:00	768	0
887599	3/20/2024 21:11	3/21/2024 10:00	768.42	0
1267978	3/20/2024 21:12	3/21/2024 10:00	767	0
1683861	3/20/2024 21:12	3/21/2024 10:00	767.2	0
980132	3/20/2024 21:14	3/21/2024 10:00	765	0
634779	3/20/2024 21:14	3/21/2024 10:00	765.8	0
385332	3/20/2024 21:14	3/21/2024 10:00	765.8	0
982261	3/20/2024 21:14	3/21/2024 10:00	765	0
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330528	3/20/2024 21:14	3/21/2024 10:00	765.2	0
1701172	3/20/2024 21:15	3/21/2024 7:55	640	0
1321605	3/20/2024 21:15	3/21/2024 9:42	747	0
197690	3/20/2024 21:15	3/21/2024 10:00	764.2	0
1503739	3/20/2024 21:15	3/21/2024 8:32	677	0
8717997	3/20/2024 21:15	3/21/2024 10:00	764.42	0
982457	3/20/2024 21:15	3/21/2024 10:00	764	0
197629	3/20/2024 21:15	3/21/2024 10:00	764.2	0
975066	3/20/2024 21:15	3/21/2024 10:00	764	0
955448	3/20/2024 21:15	3/21/2024 10:00	764	0
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317126	3/20/2024 21:16	3/21/2024 10:00	763.2	0
658177	3/20/2024 21:16	3/21/2024 9:58	762	0
945898	3/20/2024 21:17	3/21/2024 10:00	762.42	0
954332	3/20/2024 21:17	3/21/2024 10:00	762	0
1320008	3/20/2024 21:17	3/21/2024 9:43	746	0
1332906	3/20/2024 21:17	3/21/2024 10:00	762.27	0
1312270	3/20/2024 21:17	3/21/2024 10:00	762.27	0
2032900	3/20/2024 21:17	3/21/2024 8:13	656	0
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198082	3/20/2024 21:18	3/21/2024 10:00	761.2	0

903630	3/20/2024 21:18	3/21/2024 10:00	761.42	0
1392453	3/20/2024 21:18	3/21/2024 10:00	761.27	0
1064514	3/20/2024 21:18	3/21/2024 9:43	745	0
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954637	3/20/2024 21:18	3/21/2024 10:00	761	0
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971524	3/20/2024 21:18	3/21/2024 10:00	761.8	0
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569420	3/20/2024 21:19	3/21/2024 8:00	641	0
8957908	3/20/2024 21:19	3/21/2024 10:00	760.27	0
624411	3/20/2024 21:19	3/21/2024 10:00	760.8	0
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428372	3/20/2024 21:20	3/21/2024 10:00	759.8	0
312766	3/20/2024 21:20	3/21/2024 10:00	759.2	0
793638	3/20/2024 21:20	3/21/2024 10:00	759.42	0
319726	3/20/2024 21:20	3/21/2024 10:00	759.2	0
1093722	3/20/2024 21:20	3/21/2024 8:21	661	0
865320	3/20/2024 21:20	3/21/2024 10:00	759.42	0
740241	3/20/2024 21:20	3/21/2024 10:00	759.42	0
41508	3/20/2024 21:20	3/21/2024 10:00	759.2	0
711121	3/20/2024 21:20	3/21/2024 10:00	759.42	0
1704232	3/20/2024 21:20	3/21/2024 10:00	759.27	0
956579	3/20/2024 21:21	3/21/2024 10:00	758	0
1358945	3/20/2024 21:21	3/21/2024 10:00	758.27	0
1358290	3/20/2024 21:21	3/21/2024 8:33	672	0
1671958	3/20/2024 21:21	3/21/2024 10:00	758.8	0
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1599209	3/20/2024 21:21	3/21/2024 10:00	758.75	0
626600	3/20/2024 21:21	3/21/2024 10:00	758.8	0
1510965	3/20/2024 21:21	3/21/2024 10:00	758.75	0
1368745	3/20/2024 21:21	3/21/2024 9:47	746	0
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1363588	3/20/2024 21:21	3/21/2024 10:00	758.27	0
1349542	3/20/2024 21:21	3/21/2024 10:00	758.27	0
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1704779	3/20/2024 21:22	3/21/2024 10:00	757.27	0
7932279	3/20/2024 21:22	3/21/2024 10:00	757.75	0
571420	3/20/2024 21:22	3/21/2024 8:29	667	0
1362130	3/20/2024 21:22	3/21/2024 10:00	757.27	0
627018	3/20/2024 21:22	3/21/2024 10:00	757.8	0
1350104	3/20/2024 21:22	3/21/2024 10:00	757.27	0
1516579	3/20/2024 21:22	3/21/2024 10:00	757.75	0

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952445	3/20/2024 21:22	3/21/2024 10:00	757	0
563241	3/20/2024 21:22	3/21/2024 10:00	757.8	0
1349244	3/20/2024 21:22	3/21/2024 10:00	757.27	0
8502011	3/20/2024 21:22	3/21/2024 10:00	757.2	0
1348773	3/20/2024 21:22	3/21/2024 10:00	757.27	0
416557	3/20/2024 21:22	3/21/2024 10:00	757.8	0
1393699	3/20/2024 21:23	3/21/2024 9:59	756	0
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418876	3/20/2024 21:23	3/21/2024 10:00	756.8	0
456099	3/20/2024 21:23	3/21/2024 10:00	756.8	0
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10371746	3/20/2024 21:23	3/21/2024 10:00	756.8	0
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790670	3/20/2024 21:23	3/21/2024 10:00	756.42	0
793285	3/20/2024 21:23	3/21/2024 10:00	756.42	0
1350975	3/20/2024 21:23	3/21/2024 10:00	756.27	0
10433250	3/20/2024 21:23	3/21/2024 10:00	756.27	0
561758	3/20/2024 21:23	3/21/2024 10:00	756.8	0
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500173	3/20/2024 21:23	3/21/2024 10:00	756.8	0
1320619	3/20/2024 21:23	3/21/2024 7:57	634	0
1463218	3/20/2024 21:23	3/21/2024 10:00	756.75	0
860281	3/20/2024 21:23	3/21/2024 10:00	756.42	0
6761269	3/20/2024 21:24	3/21/2024 10:00	755.2	0
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1508563	3/20/2024 21:26	3/21/2024 10:00	753.75	0
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1406535	3/20/2024 21:27	3/21/2024 10:00	752.27	0
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323747	3/20/2024 21:28	3/21/2024 9:22	714	0
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1584264	3/20/2024 21:31	3/21/2024 10:00	748.75	0
1576533	3/20/2024 21:31	3/21/2024 10:00	748.75	0
1430644	3/20/2024 21:32	3/21/2024 9:31	719	0
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1539391	3/20/2024 21:32	3/21/2024 10:00	747.75	0
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29842	3/20/2024 21:33	3/21/2024 10:00	746.2	0
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323657	3/20/2024 21:34	3/21/2024 9:23	709	0
1377393	3/20/2024 21:34	3/21/2024 10:00	745.27	0
1394365	3/20/2024 21:35	3/21/2024 9:33	718	0
1521914	3/20/2024 21:35	3/21/2024 10:00	744.75	0
574993	3/20/2024 21:35	3/21/2024 9:08	693	0
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27443	3/20/2024 21:36	3/21/2024 10:00	743.2	0
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353728	3/20/2024 23:04	3/21/2024 10:00	655.2	0
197356	3/21/2024 0:24	3/21/2024 10:00	575.2	0
1493132	3/21/2024 0:41	3/21/2024 9:57	556	0

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449377	3/21/2024 3:20	3/21/2024 4:02	42	0
449377	3/21/2024 4:02	3/21/2024 10:00	357.8	0
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1319739	3/21/2024 7:55	3/21/2024 10:00	124.27	0
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1321663	3/21/2024 8:15	3/21/2024 10:00	104.27	0.01
1093722	3/21/2024 8:21	3/21/2024 10:00	98.8	0
1093889	3/21/2024 8:21	3/21/2024 10:00	98.8	0
306565	3/21/2024 8:26	3/21/2024 10:00	93.2	0
555654	3/21/2024 8:26	3/21/2024 10:00	93.8	0
307661	3/21/2024 8:27	3/21/2024 10:00	92.2	0
571420	3/21/2024 8:29	3/21/2024 10:00	90.8	0.05
980870	3/21/2024 8:31	3/21/2024 10:00	88	0
1503739	3/21/2024 8:32	3/21/2024 10:00	87	0.04
1358290	3/21/2024 8:33	3/21/2024 10:00	86.27	0
543052	3/21/2024 8:37	3/21/2024 10:00	82.8	0.05
542581	3/21/2024 8:38	3/21/2024 10:00	81.8	0
1465391	3/21/2024 8:39	3/21/2024 10:00	80.75	0
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574993	3/21/2024 9:08	3/21/2024 10:00	51.8	0
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980398	3/21/2024 9:15	3/21/2024 10:00	44	0
1421188	3/21/2024 9:20	3/21/2024 10:00	39.27	0
561757	3/21/2024 9:21	3/21/2024 9:52	31	0
324249	3/21/2024 9:21	3/21/2024 10:00	38.2	0
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323657	3/21/2024 9:23	3/21/2024 10:00	36.2	0
558031	3/21/2024 9:24	3/21/2024 9:51	27	0.04
304785	3/21/2024 9:26	3/21/2024 10:00	33.2	0
304845	3/21/2024 9:27	3/21/2024 10:00	32.2	0
663982	3/21/2024 9:28	3/21/2024 9:33	5	0
1326407	3/21/2024 9:28	3/21/2024 10:00	31.27	0
1430644	3/21/2024 9:31	3/21/2024 10:00	28.75	0
1430553	3/21/2024 9:33	3/21/2024 10:00	26.75	0

1394365	3/21/2024 9:33	3/21/2024 10:00	26.27	0
663982	3/21/2024 9:33	3/21/2024 9:54	21	0
1430838	3/21/2024 9:33	3/21/2024 10:00	26.75	0
9063373	3/21/2024 9:34	3/21/2024 10:00	25.27	0
1394324	3/21/2024 9:34	3/21/2024 10:00	25.27	0
1417138	3/21/2024 9:38	3/21/2024 10:00	21.27	0
317233	3/21/2024 9:40	3/21/2024 10:00	19.2	0
1321605	3/21/2024 9:42	3/21/2024 10:00	17.27	0
304295	3/21/2024 9:42	3/21/2024 10:00	17.2	0
315346	3/21/2024 9:42	3/21/2024 10:00	17.2	0
1064514	3/21/2024 9:43	3/21/2024 10:00	16	0
1320008	3/21/2024 9:43	3/21/2024 10:00	16.27	0
303811	3/21/2024 9:44	3/21/2024 10:00	15.2	0
1309098	3/21/2024 9:46	3/21/2024 10:00	13.27	0.1
1368745	3/21/2024 9:47	3/21/2024 10:00	12.27	0
1064575	3/21/2024 9:47	3/21/2024 10:00	12	0
1604432	3/21/2024 9:47	3/21/2024 10:00	12.75	0
1310926	3/21/2024 9:48	3/21/2024 10:00	11.27	0
1557188	3/21/2024 9:48	3/21/2024 10:00	11.75	0
1556434	3/21/2024 9:49	3/21/2024 10:00	10.75	0
1554218	3/21/2024 9:50	3/21/2024 10:00	9.75	0
1333801	3/21/2024 9:50	3/21/2024 10:00	9.27	0
1556565	3/21/2024 9:50	3/21/2024 10:00	9.75	0
1556486	3/21/2024 9:51	3/21/2024 10:00	8.75	0
558031	3/21/2024 9:51	3/21/2024 10:00	8.8	0
455994	3/21/2024 9:51	3/21/2024 10:00	8.8	0
574596	3/21/2024 9:52	3/21/2024 10:00	7.8	0
561757	3/21/2024 9:52	3/21/2024 10:00	7.8	0
663982	3/21/2024 9:54	3/21/2024 9:59	5	0
1493132	3/21/2024 9:57	3/21/2024 10:00	2.27	0
658177	3/21/2024 9:58	3/21/2024 10:00	1.42	0
664453	3/21/2024 9:58	3/21/2024 10:00	1.42	0
1393699	3/21/2024 9:59	3/21/2024 10:00	0.27	0
663982	3/21/2024 9:59	3/21/2024 10:00	0.42	0
6761269	3/21/2024 10:00	3/22/2024 10:00	1439.2	0
1394324	3/21/2024 10:00	3/21/2024 14:37	277	0
345752	3/21/2024 10:00	3/22/2024 10:00	1439.2	0
202435	3/21/2024 10:00	3/22/2024 10:00	1439.2	0
1405290	3/21/2024 10:00	3/22/2024 10:00	1439.27	0
574993	3/21/2024 10:00	3/22/2024 10:00	1439.8	0
197883	3/21/2024 10:00	3/21/2024 11:39	99	0.25
1333801	3/21/2024 10:00	3/21/2024 11:25	85	0
1494722	3/21/2024 10:00	3/22/2024 10:00	1439.27	1.71
1604432	3/21/2024 10:00	3/22/2024 10:00	1439.75	2.7
253877	3/21/2024 10:00	3/22/2024 10:00	1439.2	0
196408	3/21/2024 10:00	3/21/2024 11:34	94	0.28
1430294	3/21/2024 10:00	3/21/2024 14:17	257	0.46

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636274	3/21/2024 10:00	3/22/2024 10:00	1439.8	0
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1190246	3/21/2024 10:00	3/22/2024 10:00	1439.27	0
1093722	3/21/2024 10:00	3/22/2024 10:00	1439.8	0
1556486	3/21/2024 10:00	3/21/2024 11:37	97	0
1358290	3/21/2024 10:00	3/22/2024 10:00	1439.27	2.37
1453263	3/21/2024 10:00	3/21/2024 14:24	264	0
1394365	3/21/2024 10:00	3/21/2024 14:37	277	0.98
1418462	3/21/2024 10:00	3/22/2024 10:00	1439.27	0
1516579	3/21/2024 10:00	3/21/2024 14:31	271	0
1556434	3/21/2024 10:00	3/21/2024 11:36	96	0.07
1493132	3/21/2024 10:00	3/21/2024 15:28	328	6.61
663982	3/21/2024 10:00	3/21/2024 11:13	73	0
27852	3/21/2024 10:00	3/22/2024 10:00	1439.2	0
1366197	3/21/2024 10:00	3/22/2024 10:00	1439.27	0
1362646	3/21/2024 10:00	3/21/2024 11:53	113	0
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7879030	3/21/2024 10:00	3/22/2024 10:00	1439.8	0
645144	3/21/2024 10:00	3/22/2024 10:00	1439.8	0.69
1557188	3/21/2024 10:00	3/21/2024 11:36	96	0.17
9063373	3/21/2024 10:00	3/21/2024 14:33	273	0
1587793	3/21/2024 10:00	3/21/2024 11:08	68	0
444688	3/21/2024 10:00	3/22/2024 10:00	1439.8	0
1556565	3/21/2024 10:00	3/21/2024 11:35	95	0
447406	3/21/2024 10:00	3/22/2024 10:00	1439.8	0
1352388	3/21/2024 10:00	3/22/2024 10:00	1439.27	0
953854	3/21/2024 10:00	3/21/2024 11:54	114	0
197629	3/21/2024 10:00	3/21/2024 11:38	98	0.17
1417279	3/21/2024 10:01	3/22/2024 10:00	1438.27	0
8957908	3/21/2024 10:01	3/22/2024 10:00	1438.27	0.73
1320619	3/21/2024 10:03	3/22/2024 10:00	1436.27	0
1503634	3/21/2024 10:03	3/22/2024 10:00	1436.27	0
1422300	3/21/2024 10:06	3/22/2024 10:00	1433.27	0
626477	3/21/2024 10:06	3/21/2024 11:25	79	0
1377303	3/21/2024 10:06	3/21/2024 11:41	95	0
554089	3/21/2024 10:06	3/22/2024 10:00	1433.8	0
8950281	3/21/2024 10:06	3/21/2024 18:35	509	0
562202	3/21/2024 10:07	3/22/2024 10:00	1432.8	0
711121	3/21/2024 10:07	3/22/2024 10:00	1432.42	0
430124	3/21/2024 10:07	3/22/2024 10:00	1432.8	0
859747	3/21/2024 10:07	3/21/2024 11:36	89	0
1368580	3/21/2024 10:07	3/21/2024 13:05	178	0

574596	3/21/2024 10:07	3/22/2024 10:00	1432.8	0
441757	3/21/2024 10:07	3/22/2024 10:00	1432.8	0
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1588365	3/21/2024 10:08	3/21/2024 11:15	67	0
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1313814	3/21/2024 10:08	3/22/2024 10:00	1431.27	0
1288420	3/21/2024 10:08	3/22/2024 10:00	1431.27	0
664030	3/21/2024 10:08	3/22/2024 10:00	1431.42	0
396857	3/21/2024 10:08	3/22/2024 10:00	1431.8	0
1664433	3/21/2024 10:08	3/21/2024 14:05	237	0
1343695	3/21/2024 10:08	3/22/2024 10:00	1431.27	0
345887	3/21/2024 10:08	3/22/2024 10:00	1431.2	0
197690	3/21/2024 10:09	3/21/2024 11:38	89	0
664453	3/21/2024 10:09	3/21/2024 14:09	240	0
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624716	3/21/2024 10:09	3/21/2024 11:28	79	0
658837	3/21/2024 10:09	3/22/2024 10:00	1430.42	0.12
790670	3/21/2024 10:09	3/21/2024 11:28	79	0.05
605186	3/21/2024 10:09	3/22/2024 10:00	1430.8	5.1
860281	3/21/2024 10:10	3/21/2024 11:34	84	0
793285	3/21/2024 10:11	3/21/2024 11:25	74	0.02
569420	3/21/2024 10:11	3/22/2024 10:00	1428.8	1.91
1444809	3/21/2024 10:11	3/22/2024 10:00	1428.75	3.28
342796	3/21/2024 10:12	3/22/2024 10:00	1427.2	1.57
1321114	3/21/2024 10:13	3/22/2024 10:00	1426.27	0.65
1272457	3/21/2024 10:13	3/22/2024 10:00	1426.27	1.83
345647	3/21/2024 10:13	3/22/2024 10:00	1426.2	0
1321605	3/21/2024 10:13	3/22/2024 10:00	1426.27	1.58
552210	3/21/2024 10:13	3/22/2024 10:00	1426.8	0
346288	3/21/2024 10:13	3/22/2024 10:00	1426.2	1.29
571143	3/21/2024 10:13	3/22/2024 10:00	1426.8	1.96
1064575	3/21/2024 10:13	3/22/2024 10:00	1426	0
1320008	3/21/2024 10:14	3/22/2024 10:00	1425.27	1.65
1465391	3/21/2024 10:14	3/22/2024 10:00	1425.75	1.45
571420	3/21/2024 10:14	3/22/2024 10:00	1425.8	0.51
1376158	3/21/2024 10:14	3/22/2024 10:00	1425.27	0.6
2032900	3/21/2024 10:15	3/22/2024 10:00	1424.27	0.77
1321750	3/21/2024 10:15	3/22/2024 10:00	1424.27	0
1393699	3/21/2024 10:15	3/22/2024 10:00	1424.27	2.03
1064514	3/21/2024 10:15	3/22/2024 10:00	1424	6.72
1320646	3/21/2024 10:15	3/22/2024 10:00	1424.27	1.46
314188	3/21/2024 10:16	3/22/2024 10:00	1423.2	0
1321663	3/21/2024 10:16	3/22/2024 10:00	1423.27	0.07
982261	3/21/2024 10:16	3/21/2024 14:49	273	1.07
315730	3/21/2024 10:17	3/22/2024 10:00	1422.2	2.16
1503739	3/21/2024 10:17	3/22/2024 10:00	1422	1.17
979888	3/21/2024 10:17	3/21/2024 14:50	273	0.65

315169	3/21/2024 10:18	3/22/2024 10:00	1421.2	0
449036	3/21/2024 10:18	3/21/2024 14:35	257	0.88
1020565	3/21/2024 10:18	3/22/2024 10:00	1421	0.92
980870	3/21/2024 10:18	3/22/2024 10:00	1421	0.4
7178975	3/21/2024 10:19	3/22/2024 10:00	1420.2	1.35
1417138	3/21/2024 10:20	3/22/2024 10:00	1419.27	0
323657	3/21/2024 10:20	3/21/2024 11:24	64	0
1430553	3/21/2024 10:20	3/21/2024 14:16	236	0
1430838	3/21/2024 10:20	3/21/2024 14:16	236	1.73
740241	3/21/2024 10:22	3/21/2024 14:34	252	0
317233	3/21/2024 10:22	3/21/2024 11:57	95	0.2
1267978	3/21/2024 10:22	3/21/2024 13:08	166	0
324249	3/21/2024 10:24	3/21/2024 11:20	56	0
627289	3/21/2024 10:24	3/22/2024 10:00	1415.8	0.75
624953	3/21/2024 10:24	3/22/2024 10:00	1415.8	0
553755	3/21/2024 10:24	3/21/2024 14:42	258	1.74
627018	3/21/2024 10:24	3/22/2024 10:00	1415.8	1.26
1511264	3/21/2024 10:24	3/22/2024 10:00	1415.75	0.1
658177	3/21/2024 10:24	3/21/2024 14:11	227	0.99
315346	3/21/2024 10:25	3/21/2024 11:54	89	0.88
323747	3/21/2024 10:25	3/21/2024 11:23	58	0.49
971524	3/21/2024 10:25	3/22/2024 10:00	1414.8	0.14
918098	3/21/2024 10:26	3/22/2024 10:00	1413.42	0
1511251	3/21/2024 10:26	3/22/2024 10:00	1413.75	0
1515733	3/21/2024 10:26	3/21/2024 14:28	242	1.99
624628	3/21/2024 10:26	3/22/2024 10:00	1413.8	0.9
12376755	3/21/2024 10:27	3/21/2024 14:13	226	1.43
1309098	3/21/2024 10:27	3/21/2024 14:13	226	0.07
415949	3/21/2024 10:28	3/21/2024 15:00	272	0
1466357	3/21/2024 10:28	3/22/2024 10:00	1411.75	0
1307027	3/21/2024 10:29	3/21/2024 14:15	226	0
416557	3/21/2024 10:30	3/22/2024 10:00	1409.8	0
1310926	3/21/2024 10:30	3/21/2024 14:11	221	0.03
1430644	3/21/2024 10:32	3/21/2024 14:18	226	0.1
1415828	3/21/2024 10:32	3/22/2024 10:00	1407.27	0.18
8495805	3/21/2024 10:33	3/22/2024 10:00	1406.8	0
561672	3/21/2024 10:33	3/22/2024 10:00	1406.8	0.69
500173	3/21/2024 10:34	3/21/2024 11:35	61	2.42
1395587	3/21/2024 10:34	3/22/2024 10:00	1405.27	0.98
561757	3/21/2024 10:34	3/22/2024 10:00	1405.8	0
997397	3/21/2024 10:35	3/22/2024 10:00	1404	0
1421188	3/21/2024 10:36	3/22/2024 10:00	1403.27	0
1414392	3/21/2024 10:37	3/22/2024 10:00	1402.27	0.12
1416360	3/21/2024 10:37	3/22/2024 10:00	1402.27	0
609850	3/21/2024 10:38	3/22/2024 10:00	1401.8	0.48
558031	3/21/2024 10:38	3/22/2024 10:00	1401.8	0.07
6280623	3/21/2024 10:38	3/21/2024 11:56	78	0.03

8104722	3/21/2024 10:38	3/21/2024 11:57	79	0
449377	3/21/2024 10:38	3/21/2024 11:47	69	0
10510361	3/21/2024 10:40	3/21/2024 11:53	73	0.78
1469850	3/21/2024 10:40	3/22/2024 10:00	1399.75	0
1469270	3/21/2024 10:40	3/22/2024 10:00	1399.75	0
610737	3/21/2024 10:40	3/22/2024 10:00	1399.8	0.13
317084	3/21/2024 10:40	3/21/2024 11:53	73	0
1450250	3/21/2024 10:41	3/21/2024 14:27	226	3.09
610547	3/21/2024 10:42	3/22/2024 10:00	1397.8	0
353082	3/21/2024 10:42	3/22/2024 10:00	1397.2	0.93
567126	3/21/2024 10:42	3/22/2024 10:00	1397.8	1.29
1073095	3/21/2024 10:42	3/22/2024 10:00	1397.8	0
523489	3/21/2024 10:42	3/21/2024 11:56	74	0.52
957615	3/21/2024 10:42	3/21/2024 11:44	62	0.11
564518	3/21/2024 10:43	3/22/2024 10:00	1396.8	0
1320845	3/21/2024 10:43	3/22/2024 10:00	1396.27	0.78
8206792	3/21/2024 10:43	3/21/2024 14:25	222	0
29635	3/21/2024 10:43	3/21/2024 11:25	42	0
1469956	3/21/2024 10:43	3/22/2024 10:00	1396.75	0
957216	3/21/2024 10:44	3/21/2024 11:47	63	0
1565203	3/21/2024 10:44	3/22/2024 10:00	1395.75	2.34
1671958	3/21/2024 10:44	3/22/2024 10:00	1395.8	1.78
955448	3/21/2024 10:44	3/21/2024 11:45	61	0
1375642	3/21/2024 10:45	3/22/2024 10:00	1394.27	0.29
353651	3/21/2024 10:45	3/22/2024 10:00	1394.2	0
952445	3/21/2024 10:45	3/21/2024 11:48	63	0.05
954332	3/21/2024 10:45	3/21/2024 11:43	58	0.25
956579	3/21/2024 10:45	3/21/2024 11:46	61	0
321287	3/21/2024 10:46	3/22/2024 10:00	1393.2	2.59
954637	3/21/2024 10:46	3/21/2024 11:44	58	0.68
418876	3/21/2024 10:47	3/22/2024 10:00	1392.8	0
1378128	3/21/2024 10:47	3/22/2024 10:00	1392.27	0.57
7937779	3/21/2024 10:47	3/22/2024 10:00	1392.27	0
417158	3/21/2024 10:48	3/22/2024 10:00	1391.8	0
51483	3/21/2024 10:50	3/21/2024 18:34	464	1.82
1377393	3/21/2024 10:52	3/21/2024 11:39	47	0
1508563	3/21/2024 10:54	3/22/2024 10:00	1385.75	1.91
1446401	3/21/2024 10:55	3/22/2024 10:00	1384.75	1.22
1451744	3/21/2024 10:55	3/21/2024 11:16	21	0
1092960	3/21/2024 10:56	3/22/2024 10:00	1383.8	0
8486022	3/21/2024 10:57	3/22/2024 10:00	1382.75	0
1393633	3/21/2024 10:57	3/21/2024 18:29	452	3.72
1452193	3/21/2024 10:58	3/21/2024 11:09	11	0.02
303811	3/21/2024 10:58	3/22/2024 10:00	1381.2	0
1654064	3/21/2024 10:58	3/22/2024 10:00	1381	0.71
7533405	3/21/2024 11:00	3/21/2024 11:10	10	0
1605785	3/21/2024 11:02	3/22/2024 10:00	1377.75	0

1378273	3/21/2024 11:02	3/22/2024 10:00	1377.27	0
304785	3/21/2024 11:03	3/22/2024 10:00	1376.2	0.8
304845	3/21/2024 11:03	3/22/2024 10:00	1376.2	0
1573666	3/21/2024 11:03	3/22/2024 10:00	1376.75	0
1378582	3/21/2024 11:03	3/22/2024 10:00	1376.27	0
1431804	3/21/2024 11:04	3/22/2024 10:00	1375.75	0.93
563721	3/21/2024 11:04	3/22/2024 10:00	1375.8	0.07
1588354	3/21/2024 11:06	3/22/2024 10:00	1373.75	0
1432827	3/21/2024 11:07	3/22/2024 10:00	1372.75	1.71
1362130	3/21/2024 11:07	3/21/2024 13:55	168	0.44
1587793	3/21/2024 11:08	3/21/2024 11:13	5	0
12682110	3/21/2024 11:09	3/22/2024 10:00	1370.75	1.34
1363588	3/21/2024 11:09	3/21/2024 13:57	168	0.7
1361528	3/21/2024 11:09	3/21/2024 13:52	163	0
1452193	3/21/2024 11:09	3/21/2024 14:28	199	1.02
793690	3/21/2024 11:10	3/21/2024 12:08	58	0.09
7533405	3/21/2024 11:10	3/21/2024 11:21	11	0
325050	3/21/2024 11:10	3/21/2024 11:36	26	0
10659831	3/21/2024 11:10	3/22/2024 10:00	1369.75	0
663982	3/21/2024 11:13	3/21/2024 11:18	5	0
1587793	3/21/2024 11:13	3/21/2024 14:38	205	0
306565	3/21/2024 11:14	3/22/2024 10:00	1365.2	0
1588365	3/21/2024 11:15	3/21/2024 11:20	5	0
328113	3/21/2024 11:15	3/21/2024 14:19	184	1.81
1451744	3/21/2024 11:16	3/21/2024 14:25	189	0
307661	3/21/2024 11:16	3/22/2024 10:00	1363.2	0
10433250	3/21/2024 11:17	3/22/2024 10:00	1362.27	1.68
663982	3/21/2024 11:18	3/21/2024 14:13	175	0
1588365	3/21/2024 11:20	3/21/2024 14:40	200	0
324249	3/21/2024 11:20	3/21/2024 11:52	32	0
1332906	3/21/2024 11:21	3/21/2024 11:53	32	0.05
7533405	3/21/2024 11:21	3/21/2024 14:48	207	0.53
323747	3/21/2024 11:23	3/21/2024 11:54	31	0.35
127206	3/21/2024 11:24	3/22/2024 10:00	1355.2	0
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1446785	3/21/2024 11:24	3/22/2024 10:00	1355.75	1.17
611363	3/21/2024 11:25	3/22/2024 10:00	1354.8	0
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626477	3/21/2024 11:25	3/22/2024 10:00	1354.8	0
27483	3/21/2024 11:25	3/22/2024 10:00	1354.2	0.06
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29635	3/21/2024 11:25	3/21/2024 13:42	137	0.44
8621797	3/21/2024 11:27	3/22/2024 10:00	1352.2	6.28

26864	3/21/2024 11:27	3/22/2024 10:00	1352.2	0
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454372	3/21/2024 11:35	3/22/2024 10:00	1344.8	0
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1556565	3/21/2024 11:35	3/21/2024 13:36	121	0.61
325050	3/21/2024 11:36	3/21/2024 11:52	16	0
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1557188	3/21/2024 11:36	3/21/2024 13:37	121	0
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2923717	3/21/2024 11:37	3/21/2024 14:04	147	0
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197690	3/21/2024 11:38	3/21/2024 14:40	182	0
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1377393	3/21/2024 11:39	3/21/2024 14:41	182	0.48
197883	3/21/2024 11:39	3/21/2024 14:38	179	1.64
549596	3/21/2024 11:41	3/21/2024 12:13	32	0
549617	3/21/2024 11:41	3/21/2024 12:13	32	0.13
548347	3/21/2024 11:41	3/21/2024 12:38	57	0
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1985687	3/21/2024 11:42	3/21/2024 11:47	5	0
980398	3/21/2024 11:42	3/21/2024 11:47	5	0
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957615	3/21/2024 11:44	3/21/2024 12:05	21	0.07
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1985687	3/21/2024 11:47	3/22/2024 10:00	1332.8	0
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324249	3/21/2024 11:52	3/21/2024 15:22	210	0
10510361	3/21/2024 11:53	3/21/2024 14:26	153	0.56
317084	3/21/2024 11:53	3/21/2024 14:25	152	0
324045	3/21/2024 11:53	3/22/2024 10:00	1326.2	0.02
1332906	3/21/2024 11:53	3/21/2024 14:25	152	0
1538577	3/21/2024 11:53	3/22/2024 10:00	1326.75	0.24
1362646	3/21/2024 11:53	3/21/2024 11:58	5	0
323747	3/21/2024 11:54	3/21/2024 15:24	210	1.33
563241	3/21/2024 11:54	3/21/2024 16:41	287	0
953854	3/21/2024 11:54	3/22/2024 10:00	1325	0.92
315346	3/21/2024 11:54	3/21/2024 14:26	152	0.04
561758	3/21/2024 11:55	3/21/2024 16:40	285	0
323657	3/21/2024 11:55	3/21/2024 15:25	210	0.69
8148103	3/21/2024 11:55	3/21/2024 14:27	152	0.5
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523489	3/21/2024 11:56	3/21/2024 14:28	152	0.52
1361770	3/21/2024 11:56	3/21/2024 13:57	121	0.55
6280623	3/21/2024 11:56	3/21/2024 14:28	152	0
8104722	3/21/2024 11:57	3/21/2024 14:24	147	0
317233	3/21/2024 11:57	3/21/2024 14:24	147	0.01
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449377	3/21/2024 11:57	3/21/2024 12:29	32	0
1362646	3/21/2024 11:58	3/21/2024 13:53	115	0
1385122	3/21/2024 11:58	3/21/2024 12:39	41	0.09
955448	3/21/2024 12:01	3/21/2024 14:49	168	0
956579	3/21/2024 12:02	3/21/2024 14:44	162	0
957216	3/21/2024 12:03	3/21/2024 14:46	163	0
952445	3/21/2024 12:03	3/21/2024 14:46	163	0.05
8495802	3/21/2024 12:03	3/21/2024 14:14	131	0.22
954332	3/21/2024 12:04	3/21/2024 14:47	163	0.08
956559	3/21/2024 12:04	3/21/2024 14:47	163	0
954637	3/21/2024 12:05	3/21/2024 14:47	162	0.04
957615	3/21/2024 12:05	3/21/2024 14:48	163	0.02
989956	3/21/2024 12:06	3/22/2024 10:00	1313	0
793690	3/21/2024 12:08	3/21/2024 12:24	16	0.02

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6714863	3/21/2024 12:11	3/21/2024 12:27	16	0
793285	3/21/2024 12:12	3/21/2024 12:28	16	0.05
549596	3/21/2024 12:13	3/22/2024 10:00	1306.8	0
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455994	3/21/2024 12:21	3/21/2024 12:52	31	0.15
457729	3/21/2024 12:22	3/21/2024 15:05	163	0
330528	3/21/2024 12:23	3/21/2024 14:34	131	0
456099	3/21/2024 12:23	3/21/2024 13:26	63	0
1518000	3/21/2024 12:24	3/21/2024 14:40	136	0.04
793690	3/21/2024 12:24	3/21/2024 12:39	15	0.01
790670	3/21/2024 12:26	3/21/2024 14:54	148	0.29
6714863	3/21/2024 12:27	3/21/2024 14:53	146	0
1641091	3/21/2024 12:27	3/22/2024 10:00	1292.75	0.05
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1385122	3/21/2024 12:39	3/21/2024 13:58	79	0.01
1671261	3/21/2024 12:40	3/22/2024 10:00	1279.8	0
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370776	3/21/2024 12:43	3/22/2024 10:00	1276.8	0.03
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455994	3/21/2024 12:52	3/22/2024 10:00	1267.8	1.89
449377	3/21/2024 12:55	3/21/2024 13:53	58	0
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1368580	3/21/2024 13:05	3/22/2024 10:00	1254.27	0
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486985	3/21/2024 13:08	3/22/2024 10:00	1251.8	0
1267978	3/21/2024 13:08	3/21/2024 15:39	151	0
450309	3/21/2024 13:21	3/22/2024 10:00	1238.8	0
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456048	3/21/2024 13:31	3/21/2024 14:34	63	0
1583853	3/21/2024 13:32	3/22/2024 10:00	1227.75	0.1
456084	3/21/2024 13:32	3/21/2024 14:35	63	0
456099	3/21/2024 13:36	3/21/2024 15:06	90	0
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1554218	3/21/2024 13:36	3/21/2024 13:51	15	0.01
1556243	3/21/2024 13:36	3/21/2024 14:50	74	0
1556434	3/21/2024 13:37	3/21/2024 14:50	73	0
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29635	3/21/2024 13:42	3/22/2024 10:00	1217.2	0
23462	3/21/2024 13:43	3/21/2024 14:56	73	0
1557188	3/21/2024 13:48	3/21/2024 14:51	63	0
860281	3/21/2024 13:50	3/21/2024 14:06	16	0
1554218	3/21/2024 13:51	3/21/2024 14:49	58	0.18
1361528	3/21/2024 13:52	3/21/2024 14:08	16	0
449377	3/21/2024 13:53	3/21/2024 14:03	10	0
1362646	3/21/2024 13:53	3/21/2024 13:59	6	0
859747	3/21/2024 13:53	3/21/2024 14:09	16	0
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1493766	3/21/2024 13:56	3/22/2024 10:00	1203.27	0
169731	3/21/2024 13:57	3/22/2024 10:00	1202.2	0
1361770	3/21/2024 13:57	3/21/2024 14:07	10	0.04
1385431	3/21/2024 13:57	3/22/2024 10:00	1202.27	0.04
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1362646	3/21/2024 13:59	3/21/2024 14:10	11	0
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449377	3/21/2024 14:03	3/21/2024 14:29	26	0
2923717	3/21/2024 14:04	3/22/2024 10:00	1195.8	0
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498597	3/21/2024 14:06	3/22/2024 10:00	1193.8	0.23
1361770	3/21/2024 14:07	3/21/2024 14:23	16	0.05
1363588	3/21/2024 14:08	3/21/2024 14:24	16	0.01
1361528	3/21/2024 14:08	3/21/2024 14:23	15	0
859747	3/21/2024 14:09	3/21/2024 14:25	16	0
664453	3/21/2024 14:09	3/21/2024 14:25	16	0
1362130	3/21/2024 14:10	3/21/2024 14:26	16	0.02
1362646	3/21/2024 14:10	3/21/2024 14:15	5	0
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792716	3/21/2024 14:11	3/22/2024 10:00	1188.42	0
1310926	3/21/2024 14:11	3/21/2024 14:26	15	0.02
500173	3/21/2024 14:11	3/21/2024 14:22	11	0
658177	3/21/2024 14:11	3/21/2024 14:42	31	0.06
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663982	3/21/2024 14:18	3/21/2024 14:23	5	0
328113	3/21/2024 14:19	3/22/2024 10:00	1180.2	0.57
1463218	3/21/2024 14:20	3/21/2024 14:36	16	0
6828301	3/21/2024 14:21	3/21/2024 16:16	115	0
860281	3/21/2024 14:22	3/21/2024 14:38	16	0
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1333801	3/21/2024 14:23	3/21/2024 14:39	16	0
1361770	3/21/2024 14:23	3/21/2024 14:39	16	0.08
105666	3/21/2024 14:23	3/22/2024 10:00	1176.2	0
1464949	3/21/2024 14:23	3/21/2024 14:34	11	0
663982	3/21/2024 14:23	3/21/2024 14:28	5	0
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316971	3/21/2024 14:24	3/21/2024 14:45	21	0.08
1453263	3/21/2024 14:24	3/21/2024 14:40	16	0
317233	3/21/2024 14:24	3/21/2024 14:39	15	0.03
1363588	3/21/2024 14:24	3/21/2024 14:39	15	0.1
8104722	3/21/2024 14:24	3/21/2024 14:40	16	0
1451744	3/21/2024 14:25	3/21/2024 14:40	15	0
859747	3/21/2024 14:25	3/21/2024 14:35	10	0
1362646	3/21/2024 14:25	3/21/2024 14:30	5	0
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8206792	3/21/2024 14:25	3/21/2024 14:41	16	0
317084	3/21/2024 14:25	3/21/2024 14:41	16	0
664453	3/21/2024 14:25	3/21/2024 14:41	16	0
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315346	3/21/2024 14:26	3/21/2024 14:42	16	0
1362130	3/21/2024 14:26	3/21/2024 14:37	11	0.11
238732	3/21/2024 14:26	3/21/2024 14:41	15	0.08
1310926	3/21/2024 14:26	3/21/2024 16:27	121	0.3
1450250	3/21/2024 14:27	3/21/2024 14:42	15	0
317126	3/21/2024 14:27	3/21/2024 14:43	16	0
8148103	3/21/2024 14:27	3/21/2024 14:43	16	0.02
237266	3/21/2024 14:28	3/21/2024 14:43	15	0
523489	3/21/2024 14:28	3/21/2024 14:38	10	0
1515733	3/21/2024 14:28	3/21/2024 14:38	10	0.13
1452193	3/21/2024 14:28	3/21/2024 14:44	16	0.22
663982	3/21/2024 14:28	3/21/2024 14:39	11	0
6280623	3/21/2024 14:28	3/21/2024 14:39	11	0
1309098	3/21/2024 14:28	3/21/2024 16:29	121	0.48
587455	3/21/2024 14:29	3/22/2024 10:00	1170.8	0
449377	3/21/2024 14:29	3/21/2024 16:04	95	0
1362646	3/21/2024 14:30	3/21/2024 14:41	11	0
1513398	3/21/2024 14:31	3/21/2024 15:34	63	0

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1430553	3/21/2024 14:32	3/21/2024 14:48	16	0
1430294	3/21/2024 14:33	3/21/2024 14:49	16	0.01
9063373	3/21/2024 14:33	3/21/2024 14:49	16	0
740241	3/21/2024 14:34	3/21/2024 14:50	16	0
330528	3/21/2024 14:34	3/22/2024 10:00	1165.2	0
1430644	3/21/2024 14:34	3/21/2024 14:49	15	0
1464949	3/21/2024 14:34	3/22/2024 10:00	1165.75	0
456048	3/21/2024 14:34	3/21/2024 14:50	16	0
449036	3/21/2024 14:35	3/22/2024 10:00	1164.8	0.13
456084	3/21/2024 14:35	3/21/2024 14:51	16	0
859747	3/21/2024 14:35	3/22/2024 10:00	1164.42	0
1459057	3/21/2024 14:35	3/22/2024 10:00	1164.75	0.09
1463218	3/21/2024 14:36	3/22/2024 10:00	1163.75	0
9313875	3/21/2024 14:36	3/22/2024 10:00	1163.75	0.76
197629	3/21/2024 14:37	3/22/2024 10:00	1162.2	0.33
1543009	3/21/2024 14:37	3/22/2024 10:00	1162.75	0
1394365	3/21/2024 14:37	3/21/2024 14:53	16	0.05
1362130	3/21/2024 14:37	3/22/2024 10:00	1162.27	0
11081884	3/21/2024 14:37	3/22/2024 10:00	1162.2	0
1394324	3/21/2024 14:37	3/21/2024 14:48	11	0
1377303	3/21/2024 14:37	3/22/2024 10:00	1162.27	0
196965	3/21/2024 14:37	3/22/2024 10:00	1162.2	0.29
1405153	3/21/2024 14:38	3/22/2024 10:00	1161.27	0
197883	3/21/2024 14:38	3/22/2024 10:00	1161.2	0.17
196408	3/21/2024 14:38	3/22/2024 10:00	1161.2	0
500173	3/21/2024 14:38	3/22/2024 10:00	1161.8	0.85
1412757	3/21/2024 14:38	3/22/2024 10:00	1161.27	0
860281	3/21/2024 14:38	3/22/2024 10:00	1161.42	0
198082	3/21/2024 14:38	3/22/2024 10:00	1161.2	0
194491	3/21/2024 14:38	3/22/2024 10:00	1161.2	0.44
1515733	3/21/2024 14:38	3/22/2024 10:00	1161.75	0.08
193791	3/21/2024 14:38	3/22/2024 10:00	1161.2	0
523489	3/21/2024 14:38	3/22/2024 10:00	1161.2	0
1587793	3/21/2024 14:38	3/21/2024 14:43	5	0
319726	3/21/2024 14:39	3/22/2024 10:00	1160.2	0
317233	3/21/2024 14:39	3/22/2024 10:00	1160.2	0.18
6280623	3/21/2024 14:39	3/22/2024 10:00	1160.2	0.14
1361528	3/21/2024 14:39	3/22/2024 10:00	1160.27	0
1363588	3/21/2024 14:39	3/22/2024 10:00	1160.27	0.19
1333801	3/21/2024 14:39	3/22/2024 10:00	1160.27	0
663982	3/21/2024 14:39	3/21/2024 14:44	5	0
656343	3/21/2024 14:39	3/21/2024 15:42	63	0.48
1361770	3/21/2024 14:39	3/22/2024 10:00	1160.27	0.17
1518000	3/21/2024 14:40	3/22/2024 10:00	1159.75	0
793690	3/21/2024 14:40	3/22/2024 10:00	1159.42	0

1683861	3/21/2024 14:40	3/22/2024 10:00	1159.2	0
197356	3/21/2024 14:40	3/22/2024 10:00	1159.2	0
1456419	3/21/2024 14:40	3/22/2024 10:00	1159.75	0
1451744	3/21/2024 14:40	3/22/2024 10:00	1159.75	0.11
8104722	3/21/2024 14:40	3/22/2024 10:00	1159.2	0
1453263	3/21/2024 14:40	3/22/2024 10:00	1159.75	0
1588365	3/21/2024 14:40	3/21/2024 14:45	5	0
195187	3/21/2024 14:40	3/22/2024 10:00	1159.2	0
197690	3/21/2024 14:40	3/22/2024 10:00	1159.2	0
238732	3/21/2024 14:41	3/22/2024 10:00	1158.2	0.29
664453	3/21/2024 14:41	3/22/2024 10:00	1158.42	0
1516579	3/21/2024 14:41	3/22/2024 10:00	1158.75	0
1332906	3/21/2024 14:41	3/22/2024 10:00	1158.27	0.11
317084	3/21/2024 14:41	3/22/2024 10:00	1158.2	0
1362646	3/21/2024 14:41	3/21/2024 14:46	5	0
1377393	3/21/2024 14:41	3/22/2024 10:00	1158.27	0.38
8206792	3/21/2024 14:41	3/22/2024 10:00	1158.75	0
658658	3/21/2024 14:42	3/21/2024 15:39	57	0
658177	3/21/2024 14:42	3/22/2024 10:00	1157.42	0.06
553755	3/21/2024 14:42	3/21/2024 15:39	57	0
10510361	3/21/2024 14:42	3/22/2024 10:00	1157.2	0
315346	3/21/2024 14:42	3/22/2024 10:00	1157.2	0
1450250	3/21/2024 14:42	3/22/2024 10:00	1157.75	1.98
237266	3/21/2024 14:43	3/22/2024 10:00	1156.2	0
8148103	3/21/2024 14:43	3/22/2024 10:00	1156.2	1.21
317126	3/21/2024 14:43	3/22/2024 10:00	1156.2	0
1587793	3/21/2024 14:43	3/21/2024 14:54	11	0
663982	3/21/2024 14:44	3/21/2024 14:55	11	0
1452193	3/21/2024 14:44	3/22/2024 10:00	1155.75	0.47
956579	3/21/2024 14:44	3/22/2024 10:00	1155	0
316971	3/21/2024 14:45	3/22/2024 10:00	1154.2	0.07
1588365	3/21/2024 14:45	3/21/2024 14:56	11	0
8495802	3/21/2024 14:45	3/22/2024 10:00	1154.75	0.17
952445	3/21/2024 14:46	3/22/2024 10:00	1153	0
957216	3/21/2024 14:46	3/22/2024 10:00	1153	0
1362646	3/21/2024 14:46	3/21/2024 14:57	11	0
954637	3/21/2024 14:47	3/22/2024 10:00	1152	0
954332	3/21/2024 14:47	3/22/2024 10:00	1152	0.41
956559	3/21/2024 14:47	3/22/2024 10:00	1152	0.15
956125	3/21/2024 14:47	3/22/2024 10:00	1152	0.47
1430553	3/21/2024 14:48	3/22/2024 10:00	1151.75	0
1430838	3/21/2024 14:48	3/22/2024 10:00	1151.75	0
1394324	3/21/2024 14:48	3/21/2024 15:04	16	0
7533405	3/21/2024 14:48	3/21/2024 15:46	58	0
957615	3/21/2024 14:48	3/22/2024 10:00	1151	0
1556565	3/21/2024 14:49	3/22/2024 10:00	1150.75	0
12378019	3/21/2024 14:49	3/22/2024 10:00	1150.2	0.22

1430644	3/21/2024 14:49	3/22/2024 10:00	1150.75	0.13
982261	3/21/2024 14:49	3/21/2024 15:06	17	0.21
1430294	3/21/2024 14:49	3/22/2024 10:00	1150.75	0
982898	3/21/2024 14:49	3/21/2024 15:04	15	0
9063373	3/21/2024 14:49	3/21/2024 15:05	16	0
955448	3/21/2024 14:49	3/22/2024 10:00	1150	0
8434548	3/21/2024 14:49	3/22/2024 10:00	1150.2	0.26
1554218	3/21/2024 14:49	3/22/2024 10:00	1150.75	0.14
1557676	3/21/2024 14:50	3/22/2024 10:00	1149.75	0.81
1556434	3/21/2024 14:50	3/22/2024 10:00	1149.75	0.13
521348	3/21/2024 14:50	3/22/2024 10:00	1149.42	0
1556243	3/21/2024 14:50	3/22/2024 10:00	1149.75	0
456048	3/21/2024 14:50	3/22/2024 10:00	1149.8	0
740241	3/21/2024 14:50	3/22/2024 10:00	1149.42	0
56196	3/21/2024 14:50	3/22/2024 10:00	1149.2	0
979888	3/21/2024 14:50	3/21/2024 15:05	15	0
1556486	3/21/2024 14:51	3/22/2024 10:00	1148.75	0
1557188	3/21/2024 14:51	3/22/2024 10:00	1148.75	0
456084	3/21/2024 14:51	3/22/2024 10:00	1148.8	0
1394365	3/21/2024 14:53	3/21/2024 15:03	10	0.01
1556352	3/21/2024 14:53	3/22/2024 10:00	1146.75	0.08
6714863	3/21/2024 14:53	3/22/2024 10:00	1146.42	0.11
790670	3/21/2024 14:54	3/22/2024 10:00	1145.42	0
1587793	3/21/2024 14:54	3/21/2024 14:59	5	0
793285	3/21/2024 14:54	3/22/2024 10:00	1145.42	0.37
569142	3/21/2024 14:54	3/22/2024 10:00	1145.8	0
663982	3/21/2024 14:55	3/21/2024 15:00	5	0
549259	3/21/2024 14:55	3/22/2024 10:00	1144.8	0
1588365	3/21/2024 14:56	3/21/2024 15:01	5	0
23462	3/21/2024 14:56	3/22/2024 10:00	1143.2	0
1325985	3/21/2024 14:57	3/22/2024 10:00	1142.27	0
1362646	3/21/2024 14:57	3/21/2024 15:02	5	0
10371746	3/21/2024 14:59	3/22/2024 10:00	1140.8	0.25
1587793	3/21/2024 14:59	3/22/2024 10:00	1140.75	0
415949	3/21/2024 15:00	3/22/2024 10:00	1139.8	0
663982	3/21/2024 15:00	3/21/2024 15:11	11	0
1588365	3/21/2024 15:01	3/22/2024 10:00	1138.75	0
1514004	3/21/2024 15:01	3/22/2024 10:00	1138.75	0
1362646	3/21/2024 15:02	3/21/2024 15:07	5	0
1394365	3/21/2024 15:03	3/21/2024 15:35	32	0.02
1394324	3/21/2024 15:04	3/21/2024 15:35	31	0
982898	3/21/2024 15:04	3/22/2024 10:00	1135	0
979888	3/21/2024 15:05	3/22/2024 10:00	1134	0
1576533	3/21/2024 15:05	3/22/2024 10:00	1134.75	0.52
457729	3/21/2024 15:05	3/22/2024 10:00	1134.8	0
9063373	3/21/2024 15:05	3/21/2024 15:36	31	0
456099	3/21/2024 15:06	3/22/2024 10:00	1133.8	0

982261	3/21/2024 15:06	3/22/2024 10:00	1133	0.28
1362646	3/21/2024 15:07	3/21/2024 15:12	5	0
663982	3/21/2024 15:11	3/21/2024 15:16	5	0
1362646	3/21/2024 15:12	3/21/2024 15:39	27	0
1457350	3/21/2024 15:13	3/22/2024 10:00	1126.75	0
663982	3/21/2024 15:16	3/21/2024 15:26	10	0
956968	3/21/2024 15:18	3/22/2024 10:00	1121	0
11176351	3/21/2024 15:20	3/22/2024 10:00	1119.75	0
324249	3/21/2024 15:22	3/22/2024 10:00	1117.2	0
323747	3/21/2024 15:24	3/22/2024 10:00	1115.2	0.09
323657	3/21/2024 15:25	3/22/2024 10:00	1114.2	0.82
663982	3/21/2024 15:26	3/21/2024 15:31	5	0
1493132	3/21/2024 15:28	3/21/2024 15:59	31	0.44
663982	3/21/2024 15:31	3/21/2024 15:42	11	0
1425981	3/21/2024 15:33	3/21/2024 15:37	4	0
1513398	3/21/2024 15:34	3/22/2024 10:00	1105.75	0
1394324	3/21/2024 15:35	3/22/2024 10:00	1104.27	0
1394365	3/21/2024 15:35	3/22/2024 10:00	1104.27	0.17
9063373	3/21/2024 15:36	3/22/2024 10:00	1103.27	0
1425981	3/21/2024 15:37	3/22/2024 10:00	1102.27	0
8502011	3/21/2024 15:38	3/22/2024 10:00	1101.2	0
642003	3/21/2024 15:38	3/22/2024 10:00	1101.8	0
553755	3/21/2024 15:39	3/22/2024 10:00	1100.8	0
658658	3/21/2024 15:39	3/22/2024 10:00	1100.42	0
1267978	3/21/2024 15:39	3/22/2024 10:00	1100	0
1664433	3/21/2024 15:39	3/22/2024 10:00	1100.42	0
1362646	3/21/2024 15:39	3/21/2024 15:44	5	0
1378141	3/21/2024 15:39	3/22/2024 10:00	1100.27	0.56
1377844	3/21/2024 15:41	3/22/2024 10:00	1098.27	0
663982	3/21/2024 15:42	3/21/2024 15:47	5	0
656343	3/21/2024 15:42	3/22/2024 10:00	1097.42	0
304209	3/21/2024 15:43	3/22/2024 10:00	1096.2	0
303510	3/21/2024 15:43	3/22/2024 10:00	1096.2	0
1312270	3/21/2024 15:44	3/22/2024 10:00	1095.27	0
1362646	3/21/2024 15:44	3/21/2024 15:54	10	0
303030	3/21/2024 15:45	3/22/2024 10:00	1094.2	0
7533405	3/21/2024 15:46	3/21/2024 17:31	105	0
663982	3/21/2024 15:47	3/21/2024 16:13	26	0
1599504	3/21/2024 15:47	3/22/2024 10:00	1092.75	0
1600016	3/21/2024 15:48	3/22/2024 10:00	1091.75	0
1597834	3/21/2024 15:48	3/22/2024 10:00	1091.75	0.17
1362646	3/21/2024 15:54	3/21/2024 16:00	6	0
1493132	3/21/2024 15:59	3/21/2024 16:31	32	0
1362646	3/21/2024 16:00	3/21/2024 16:10	10	0
590897	3/21/2024 16:02	3/22/2024 10:00	1077.8	0
449377	3/21/2024 16:04	3/21/2024 16:41	37	0
1362646	3/21/2024 16:10	3/21/2024 16:15	5	0

663982	3/21/2024 16:13	3/21/2024 16:19	6	0
1362646	3/21/2024 16:15	3/21/2024 16:26	11	0
6828301	3/21/2024 16:16	3/22/2024 10:00	1063.2	0
333859	3/21/2024 16:17	3/21/2024 16:22	5	0
663982	3/21/2024 16:19	3/22/2024 10:00	1060.42	0
330485	3/21/2024 16:19	3/22/2024 10:00	1060.2	0
329546	3/21/2024 16:19	3/22/2024 10:00	1060.2	0
6583289	3/21/2024 16:21	3/22/2024 10:00	1058.2	0
333859	3/21/2024 16:22	3/21/2024 16:28	6	0
1362646	3/21/2024 16:26	3/21/2024 16:31	5	0
1310926	3/21/2024 16:27	3/22/2024 10:00	1052.27	0
240045	3/21/2024 16:27	3/22/2024 10:00	1052.2	0.02
333859	3/21/2024 16:28	3/22/2024 10:00	1051.2	0
1309098	3/21/2024 16:29	3/22/2024 10:00	1050.27	0
1362646	3/21/2024 16:31	3/22/2024 10:00	1048.27	0
1493132	3/21/2024 16:31	3/22/2024 10:00	1048.27	0
561758	3/21/2024 16:40	3/22/2024 10:00	1039.8	0
562856	3/21/2024 16:41	3/22/2024 10:00	1038.8	0
563241	3/21/2024 16:41	3/22/2024 10:00	1038.8	0
449377	3/21/2024 16:41	3/21/2024 17:02	21	0
449377	3/21/2024 17:02	3/21/2024 19:39	157	0
7533405	3/21/2024 17:31	3/22/2024 10:00	988.2	0
328911	3/21/2024 18:19	3/22/2024 10:00	940.2	0
1393633	3/21/2024 18:29	3/22/2024 10:00	930.27	0
51483	3/21/2024 18:34	3/22/2024 10:00	925.2	0
8950281	3/21/2024 18:35	3/22/2024 10:00	924.2	0
449377	3/21/2024 19:39	3/22/2024 10:00	860.8	0

Feeder	Nameplate - Avg Nodal Hosting Capacity (kW)	Monitored - Avg Nodal Hosting Capacity (kW)	Autonomous - Avg Nodal Hosting Capacity (kW)	Active Management - Avg Nodal Hosting Capacity (kW)	Nameplate - Max Nodal Hosting Capacity (kW)	Monitored - Max Nodal Hosting Capacity (kW)	Autonomous - Max Nodal Hosting Capacity (kW)	Active Management - Max Nodal Hosting Capacity (kW)
10401	225.41	227.45	228.00	228.00	809.10	817.00	815.60	815.60
10402	63.84	63.84	63.84	63.84	181.70	181.70	181.70	181.70
10501	43.28	43.81	40.28	41.26	1289.30	1291.40	1185.70	1193.80
10502	16.56	17.20	17.20	28.93	697.40	693.50	694.50	1385.00
10503	25.17	24.95	23.29	23.50	431.30	432.30	405.60	413.50
10504	144.76	158.18	166.14	221.73	835.60	909.20	1138.70	1706.10
10505	23.61	23.27	24.13	25.38	1083.60	424.60	1038.60	1036.40
10506	394.36	394.57	366.84	369.42	1326.00	1324.50	1251.40	1262.80
10601	167.59	169.23	169.23	169.48	10000.00	10000.00	10000.00	10000.00
10602	517.58	517.68	517.68	517.96	3148.00	3150.10	3150.10	3153.20
10603	522.65	523.07	523.07	523.38	4327.50	4346.00	4346.00	4344.60
10701	302.49	305.84	308.95	309.41	2373.70	2378.80	2378.30	2378.60
10702	0.46	0.46	0.46	0.46	100.00	100.00	100.00	100.00
10703	218.04	220.38	261.79	218.17	845.40	860.60	861.20	859.20
10704	173.07	174.37	180.07	183.04	3882.60	3880.80	4021.00	4082.00
10705	168.97	176.46	179.26	219.58	6857.70	6924.90	1966.90	3924.90
10706	8.43	8.43	8.43	8.43	25.30	25.30	25.30	25.30
10707	15.21	15.21	15.21	15.20	741.60	741.50	741.50	741.30
10801	252.14	277.05	277.50	280.97	5975.90	6073.50	6073.50	6069.80
10805	68.66	68.47	68.80	69.38	1281.50	1283.50	1281.90	1299.50
10901	70.52	70.58	70.58	70.71	1918.40	1918.40	1918.40	1918.10
10902	566.65	556.02	552.89	552.89	3244.90	3302.20	3299.60	3299.60
10903	187.50	187.67	187.64	187.63	3137.10	3137.00	3137.00	3136.10
10904	300.78	306.53	306.30	306.30	3244.90	3302.20	3299.60	3299.60
11001	644.52	644.52	644.52	644.52	4629.70	4629.70	4629.70	4629.70
11002	1526.19	1526.19	1526.19	1526.19	4629.70	4629.70	4629.70	4629.70
11003	526.19	526.46	526.46	526.46	3028.40	3034.50	3034.50	3034.50
11004	627.81	628.54	628.54	628.54	3028.40	3034.50	3034.50	3034.50
11005	1009.47	1011.50	1011.50	1011.50	3028.40	3034.50	3034.50	3034.50
11101	40.00	40.16	27.16	40.11	1496.00	1495.60	912.80	1495.50
11102	23.39	46.48	29.63	79.89	2757.30	1519.70	1501.90	1492.80
11103	7.87	5.52	12.02	47.66	1287.80	1169.90	2073.80	774.40
11104	8.51	14.81	13.23	41.94	1450.20	1499.50	1481.40	563.10
11201	283.07	252.42	285.99	283.13	1446.50	1447.50	1448.10	1448.00
11202	133.16	133.17	133.15	133.15	1406.50	1406.50	1406.50	1406.50
11203	666.07	666.88	667.06	668.03	5386.80	5390.30	5390.70	5391.00
11204	1654.71	1715.46	1718.16	1739.31	4996.00	5181.20	5189.40	5254.00
11205	211.73	215.55	215.65	217.48	4773.30	4945.20	4952.80	5012.40
11301	732.60	734.17	734.72	735.78	3745.80	3807.10	3805.70	3802.30
11302	745.07	746.95	747.37	749.14	3745.80	3807.10	3805.70	3802.30
11303	634.06	635.05	635.23	635.85	3915.50	3980.00	3978.70	3975.50
11401	20.78	18.73	19.99	20.01	1308.10	1307.90	1307.90	1307.70
11402	121.21	124.66	124.00	130.13	2825.00	2885.00	2885.00	3005.00

11403	37.88	37.87	37.87	37.87	3350.30	3349.90	3349.90	3349.50
11404	41.62	39.26	39.21	40.55	3319.20	3318.70	3318.70	3318.30
11405	6.16	4.92	5.15	6.55	1427.30	935.20	935.20	1427.00
11406	10.03	10.09	9.86	10.37	1113.10	1112.70	1112.70	1112.50
11407	11.96	10.54	10.54	11.58	4050.60	4085.60	4085.60	4099.90
11501	108.33	108.33	103.33	103.33	345.00	345.00	325.00	325.00
11502	1003.90	1004.17	1004.26	1005.47	10000.00	10000.00	10000.00	10000.00
11503	91.25	91.91	87.02	87.02	345.00	345.00	325.00	325.00
11504	811.94	811.86	811.77	811.14	10000.00	10000.00	10000.00	10000.00
11505	1323.70	1324.40	1324.70	1327.80	10000.00	10000.00	10000.00	10000.00
11506	185.68	185.91	183.53	183.53	1395.30	1395.30	1395.40	1395.40
11507	5.50	5.51	5.48	5.48	690.90	693.60	700.00	700.00
11801	114.74	115.30	115.87	116.28	1247.80	1226.10	1226.30	1228.70
11802	742.31	744.93	751.70	752.54	10000.00	10000.00	10000.00	10000.00
11803	46.88	46.72	46.74	46.77	691.00	679.80	679.90	681.20
11804	379.72	379.96	379.99	380.39	10000.00	10000.00	10000.00	10000.00
11805	315.86	342.14	341.35	341.72	10000.00	10000.00	10000.00	10000.00
11901	685.13	687.41	687.47	687.80	2675.90	2699.10	2699.00	2695.00
11902	1288.66	1289.91	1289.91	1289.92	10000.00	10000.00	10000.00	10000.00
11903	729.09	730.29	730.31	731.02	4228.90	4248.00	4247.70	4242.50
11904	678.16	680.14	680.24	680.61	2675.90	2699.10	2699.00	2695.00
12001	505.26	505.27	505.27	505.31	10000.00	10000.00	10000.00	10000.00
12002	276.70	310.22	319.81	361.07	2917.40	3417.20	3562.70	4244.60
12003	757.93	848.49	871.46	950.97	3768.70	4818.60	4950.40	6356.90
12004	1079.60	1080.31	1079.93	1096.33	10000.00	10000.00	10000.00	10000.00
12005	1690.15	1690.67	1690.41	1701.83	10000.00	10000.00	10000.00	10000.00
12006	507.81	554.99	568.21	595.50	3407.30	4024.40	4176.10	5007.20
12007	622.54	715.64	736.58	802.79	3415.20	4209.40	4525.50	5782.90
12101	656.00	674.44	675.70	676.47	2798.60	2967.30	2967.30	2969.20
12102	559.18	573.61	574.45	575.02	2798.60	2967.30	2967.30	2969.20
12201	1481.94	1482.06	1482.06	1482.04	8377.10	8377.90	8377.90	8377.90
12202	131.75	133.32	132.90	133.19	751.90	751.80	751.80	751.80
12203	3.68	3.87	3.83	3.96	22.00	23.40	24.00	25.90
12204	1228.10	1229.30	1229.30	1234.13	10000.00	10000.00	10000.00	10000.00
12205	995.50	996.48	996.48	996.15	10000.00	10000.00	10000.00	10000.00
12206	29.05	41.46	41.33	41.88	392.50	874.40	873.60	875.90
12207	7.13	7.57	7.08	8.52	21.40	22.70	21.30	25.60
12301	5.41	5.42	5.26	5.36	523.40	523.90	523.80	527.80
12302	159.80	159.82	159.07	160.46	747.80	748.50	748.40	754.10
12303	223.42	225.26	223.54	226.83	747.80	748.50	748.40	754.10
12304	65.30	65.54	129.28	130.84	730.50	731.10	752.70	748.20
12305	139.49	139.24	139.20	145.39	730.50	731.10	731.00	736.50
12401	448.32	451.56	451.81	455.14	5777.80	5814.30	5815.10	5812.40
12402	298.61	299.76	300.19	301.93	5777.80	5814.30	5815.10	5812.40
12403	618.34	618.83	618.85	618.88	10000.00	10000.00	10000.00	10000.00
12501	658.62	650.14	649.76	650.01	6791.50	6791.50	6791.10	6791.30
12502	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
12503	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
12504	896.80	896.72	886.35	891.06	7533.90	7538.20	7538.00	7536.30
12505	312.20	315.28	314.16	316.51	7533.90	7538.20	7538.00	7536.30

12601	616.46	618.34	618.34	618.71	10000.00	10000.00	10000.00	10000.00
12602	947.16	947.78	947.80	948.62	10000.00	10000.00	10000.00	10000.00
12603	534.38	533.29	533.30	535.07	5728.80	5728.30	5728.30	5727.60
12604	580.25	579.71	579.72	582.12	10000.00	10000.00	10000.00	10000.00
12605	625.31	628.66	626.80	628.50	10000.00	10000.00	10000.00	10000.00
12606	970.28	971.71	971.71	974.31	10000.00	10000.00	10000.00	10000.00
12701	516.88	519.09	519.09	518.49	3249.90	3336.30	3336.30	3324.30
12702	952.02	952.00	952.00	951.95	10000.00	10000.00	10000.00	10000.00
12703	970.37	970.76	970.76	970.70	10000.00	10000.00	10000.00	10000.00
12704	751.22	756.33	756.33	755.67	3249.90	3336.30	3336.30	3324.30
12705	1099.16	1099.40	1099.40	1099.30	10000.00	10000.00	10000.00	10000.00
12801	849.90	848.22	848.52	848.15	5658.00	5714.90	5716.50	5705.20
12802	737.41	740.31	740.57	741.42	5266.60	5292.60	5291.10	5300.50
12803	1039.90	1046.64	1047.24	1045.95	5658.00	5714.90	5716.50	5705.20
12804	1482.00	1496.29	1496.69	1493.85	5658.00	5714.90	5716.50	5705.20
12805	1283.53	1289.16	1288.84	1290.87	5266.60	5292.60	5291.10	5300.50
12806	1217.36	1220.40	1220.27	1221.38	5266.60	5292.60	5291.10	5300.50
12807	818.69	820.07	820.01	820.44	5266.60	5292.60	5291.10	5300.50
12902	186.68	186.68	186.68	186.68	673.00	673.00	673.00	673.00
13001	822.36	826.11	826.02	826.06	4857.00	4908.60	4906.80	4900.40
13002	649.03	663.61	663.48	672.73	10000.00	9765.00	9465.00	10000.00
13003	901.17	904.32	904.21	903.65	4857.00	4908.60	4906.80	4900.40
13004	885.97	889.36	889.42	889.05	4828.20	4880.10	4881.10	4875.40
13005	723.20	725.49	725.20	725.61	4857.00	4908.60	4906.80	4900.40
13101	626.92	633.81	633.82	635.93	4868.00	4965.80	4965.80	4969.30
13102	785.34	789.38	789.83	791.02	5904.00	5986.20	5979.60	5976.50
13103	985.10	991.56	991.32	992.12	5904.00	5986.20	5979.60	5976.50
13104	686.17	695.48	695.49	697.53	4868.00	4965.80	4965.80	4969.30
13105	906.68	915.48	915.78	916.52	5904.00	5986.20	5979.60	5976.50
13201	609.04	609.21	609.22	609.14	2612.20	2613.60	2613.50	2611.00
13202	527.63	527.75	527.75	527.25	2618.60	2620.10	2620.00	2617.40
13301	1094.27	1096.47	1096.66	1096.29	5600.60	5616.70	5619.20	5614.50
13302	609.86	611.03	611.10	611.95	2651.20	2660.00	2660.60	2667.90
13303	765.93	766.62	766.63	766.62	10000.00	10000.00	10000.00	10000.00
13401	776.77	776.93	776.93	777.07	5267.20	5269.30	5269.30	5268.20
13501	564.79	565.19	565.19	565.61	2544.50	2549.40	2549.40	2541.40
13502	527.83	528.06	528.06	528.18	2544.50	2549.40	2549.40	2541.40
13503	0.00	88.23	88.08	86.65	0.00	864.40	860.20	870.50
13601	649.78	649.83	649.87	650.49	9015.60	9019.70	9020.30	9024.40
13602	662.58	662.59	669.32	669.32	3865.00	3865.00	3825.00	3825.00
13603	148.91	148.93	147.52	147.52	3455.00	3465.00	3425.00	3425.00
13604	642.22	642.29	642.24	643.57	10000.00	10000.00	10000.00	10000.00
13605	764.09	764.18	757.32	757.32	4370.30	4380.30	4260.20	4260.20
13606	479.06	479.38	479.11	481.70	10000.00	10000.00	10000.00	10000.00
13701	177.71	201.23	201.12	221.36	752.40	1323.60	1323.60	1323.40
13702	700.72	703.91	703.91	705.22	10000.00	10000.00	10000.00	10000.00
13703	1513.45	1524.56	1531.31	1531.27	8282.90	8425.70	8473.80	8473.30
13704	66.85	68.27	38.44	58.88	976.40	969.20	412.80	427.70
13705	821.78	822.19	822.19	822.28	10000.00	10000.00	10000.00	10000.00
13801	870.03	871.97	872.03	872.17	5552.90	5573.60	5573.10	5573.60

13802	869.44	870.48	870.54	870.58	5552.90	5573.60	5573.10	5573.60
13803	499.56	498.35	501.28	498.35	3573.30	3573.30	3573.30	3573.30
13804	395.55	395.60	396.44	395.60	2440.30	2440.30	2439.70	2440.30
13805	1484.18	1488.78	1488.66	1488.77	5552.90	5573.60	5573.10	5573.60
13806	413.17	409.12	422.03	409.12	2825.00	2455.00	2550.40	2455.00
13807	971.87	973.07	973.07	973.17	5552.90	5573.60	5573.10	5573.60
13901	109.54	110.51	110.52	114.11	6899.90	6906.20	6906.10	6904.00
13902	961.21	961.07	961.06	961.06	10000.00	10000.00	10000.00	10000.00
13903	717.26	717.21	717.65	720.01	6915.60	6936.70	6936.60	6929.80
13904	912.73	914.66	914.23	914.36	10000.00	10000.00	10000.00	10000.00
13905	373.75	374.40	374.38	374.77	10000.00	10000.00	10000.00	10000.00
14001	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
14002	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
14003	669.49	669.49	708.29	708.55	6186.40	6186.60	6243.00	6242.50
14005	517.82	518.02	518.02	518.01	10000.00	10000.00	10000.00	10000.00
14006	684.76	684.79	711.10	711.58	6186.40	6186.60	6243.00	6242.50
14007	697.57	697.58	851.79	852.17	6161.20	6161.40	6221.60	6221.10
14008	481.50	481.50	511.28	511.41	6186.40	6186.60	6243.00	6242.50
14009	655.91	655.91	673.12	673.18	6186.40	6186.60	6243.00	6242.50
14101	234.81	241.02	236.16	239.03	1506.40	1514.90	1503.40	1507.30
14102	502.68	508.61	508.32	510.86	10000.00	10000.00	10000.00	10000.00
14103	243.96	245.76	246.05	246.19	10000.00	10000.00	10000.00	10000.00
14201	942.80	943.25	943.23	943.34	8222.70	8237.10	8237.10	8236.90
14202	1246.26	1246.89	1246.89	1248.48	8245.00	8254.80	8254.80	8248.50
14203	153.22	155.86	155.88	156.40	3498.60	3601.10	3605.30	3757.90
14204	588.32	590.75	590.75	598.62	8245.00	8254.80	8254.80	8248.50
14205	1291.70	1292.31	1292.31	1296.17	6974.30	6981.70	6981.70	6980.20
14206	630.79	635.61	647.11	720.00	7987.70	8062.10	8237.10	8236.90
14207	150.19	150.18	150.18	150.15	776.90	776.90	776.80	776.70
14301	31.87	40.29	40.85	40.73	254.10	294.40	291.10	292.60
14302	31.56	40.38	41.12	40.89	254.10	294.40	291.10	292.60
14303	32.93	38.65	39.44	39.32	257.20	299.00	299.60	298.80
14304	78.35	89.59	89.71	89.77	257.20	299.00	299.60	298.80
14305	17.00	24.23	25.09	24.85	254.10	294.40	291.10	292.60
14306	24.86	29.48	30.31	30.21	257.20	299.00	299.60	298.80
14307	48.97	57.04	57.67	57.56	257.20	299.00	299.60	298.80
14308	26.25	34.27	35.00	34.81	254.10	294.40	291.10	292.60
14401	677.34	708.88	707.38	714.16	4400.40	4459.50	4400.80	4399.40
14402	459.31	474.57	473.03	474.37	4400.40	4459.50	4400.80	4399.40
14403	246.65	234.77	251.37	248.67	10000.00	10000.00	10000.00	10000.00
14404	558.16	587.39	587.39	590.75	4400.40	4459.50	4400.80	4399.40
14501	234.45	236.88	322.09	248.94	3238.10	3289.40	3286.70	3288.70
14502	457.53	510.77	544.16	524.18	3238.10	3289.40	3286.70	3288.70
14503	685.18	692.13	692.54	692.54	4061.10	4084.10	4084.10	4084.10
14504	1134.68	1140.23	1140.23	1140.23	4061.10	4084.10	4084.10	4084.10
14601	825.56	830.77	833.07	834.04	5785.20	5812.00	5815.40	5818.00
14602	797.09	798.88	800.24	802.36	5849.50	5876.80	5882.20	5882.80
14603	625.40	635.05	638.07	644.26	5849.50	5876.80	5882.20	5882.80
14604	486.22	489.73	489.55	492.27	5849.50	5876.80	5882.20	5882.80
14605	788.00	788.92	789.77	790.41	5785.20	5812.00	5815.40	5818.00

14701	1201.28	1219.17	1219.30	1232.06	7724.90	7855.30	7858.00	7972.20
14702	239.64	246.11	246.15	249.24	9015.80	9148.70	9152.00	9292.20
14703	1241.38	1249.62	1249.62	1259.65	7417.20	7516.70	7516.70	7507.40
14704	1491.79	1496.25	1498.05	1497.73	8200.00	8272.80	8271.40	8271.30
14705	784.69	791.12	792.13	792.19	8200.00	8272.80	8271.40	8271.30
14706	1056.24	1058.40	1058.83	1058.96	8200.00	8272.80	8271.40	8271.30
14801	418.34	424.37	424.35	425.52	10000.00	10000.00	10000.00	10000.00
14802	624.48	634.39	634.39	643.20	10000.00	10000.00	10000.00	10000.00
15001	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
15101	585.32	585.54	585.55	586.75	3659.90	3663.40	3663.40	3667.60
15102	389.17	389.22	389.23	390.24	3659.90	3663.40	3663.40	3667.60
15103	628.77	629.66	629.67	630.90	4199.10	4205.30	4205.30	4209.40
15104	583.61	583.95	583.97	584.53	4199.10	4205.30	4205.30	4209.40
15201	800.27	804.20	804.22	804.27	5735.30	5806.10	5806.70	5808.30
15202	709.05	717.99	722.56	727.48	9370.70	9468.30	9468.20	9468.60
15301	1040.48	1040.48	1040.48	1040.48	3773.60	3773.60	3773.60	3773.60
15302	804.88	804.88	804.88	804.88	2841.70	2841.70	2841.70	2841.70
15303	712.01	712.01	712.01	712.01	2841.70	2841.70	2841.70	2841.70
15304	1257.87	1257.87	1257.87	1257.87	3773.60	3773.60	3773.60	3773.60
15305	2663.23	2663.23	2663.23	2663.23	10000.00	10000.00	10000.00	10000.00
15401	1981.21	1990.83	1992.95	2001.05	7842.20	7882.90	7892.00	7923.90
15402	804.02	806.98	834.00	811.51	10000.00	10000.00	10000.00	10000.00
15403	1266.99	1267.32	1266.82	1267.60	10000.00	10000.00	10000.00	10000.00
15404	343.61	345.22	346.65	345.82	10000.00	10000.00	10000.00	10000.00
15405	385.66	388.13	387.76	388.42	10000.00	10000.00	10000.00	10000.00
15406	735.31	736.43	736.54	736.86	10000.00	10000.00	10000.00	10000.00
15601	300.44	300.50	300.50	300.50	10000.00	10000.00	10000.00	10000.00
15602	640.67	641.12	641.12	641.12	10000.00	10000.00	10000.00	10000.00
15603	790.67	791.02	791.02	791.02	10000.00	10000.00	10000.00	10000.00
15604	338.06	338.74	337.71	336.28	1378.90	1379.10	1379.10	1379.20
15701	538.81	539.78	539.81	540.42	3650.00	3670.10	3670.30	3677.50
15702	745.47	755.00	755.55	764.37	10000.00	10000.00	10000.00	10000.00
15703	769.89	770.84	771.07	773.61	4414.40	4425.20	4425.30	4414.70
15704	531.91	533.00	533.01	533.33	3650.00	3670.10	3670.30	3677.50
15801	532.01	532.16	532.19	532.26	1826.60	1828.20	1828.70	1829.80
15802	922.94	922.94	922.94	922.94	10000.00	10000.00	10000.00	10000.00
15803	523.75	524.03	524.09	524.14	1826.60	1828.20	1828.70	1829.80
15804	1303.26	1303.26	1303.26	1303.26	6642.80	6642.80	6642.80	6642.80
16001	1252.99	1258.18	1258.59	1258.20	2681.73	2707.87	2706.77	2704.77
16002	749.75	754.18	754.49	755.05	5779.90	5895.10	5898.10	5898.80
16003	1939.75	1977.47	1978.38	1978.51	5779.90	5895.10	5898.10	5898.80
16004	662.32	673.17	684.52	685.66	2681.73	2707.87	2706.77	2704.77
16005	833.34	837.27	840.01	841.30	2681.73	2707.87	2706.77	2704.77
16006	924.20	934.12	934.00	934.37	5779.90	5895.10	5898.10	5898.80
16007	925.12	930.44	930.93	932.71	2681.73	2707.87	2706.77	2708.50
16101	0.00	0.00	0.00	0.00	Missing	Missing	Missing	Missing
16102	669.91	670.90	670.98	671.58	4739.20	4759.20	4760.30	4753.50
16103	414.56	414.96	414.99	415.10	4739.20	4759.20	4760.30	4753.50
16201	443.93	443.90	443.88	443.91	10000.00	10000.00	10000.00	10000.00
16202	723.39	723.67	723.78	724.53	2457.30	2459.20	2459.20	2462.70

16203	184.64	184.74	182.73	184.53	2498.10	2503.70	2492.40	2504.90
16204	621.25	621.25	621.25	621.28	10000.00	10000.00	10000.00	10000.00
16301	714.43	717.08	717.99	723.28	5016.60	5053.00	5056.50	5079.00
16302	479.63	485.38	487.96	493.22	1710.60	1721.60	1721.30	1709.80
16401	294.14	297.53	298.35	297.39	10000.00	10000.00	10000.00	10000.00
16402	336.19	337.61	337.60	337.94	10000.00	10000.00	10000.00	10000.00
16403	752.12	756.42	756.42	756.48	8357.80	8400.50	8400.50	8399.70
16404	746.51	747.90	747.90	748.09	8357.80	8400.50	8400.50	8399.70
16405	1653.40	1655.79	1655.79	1655.74	8357.80	8400.50	8400.50	8399.70
16406	1116.30	1116.55	1116.20	1119.55	8124.80	8128.30	8129.70	8116.60
16407	2785.93	2800.17	2800.17	2799.90	8357.80	8400.50	8400.50	8399.70
16501	1272.25	1275.11	1275.23	1279.31	10000.00	10000.00	10000.00	10000.00
16502	1341.70	1341.73	1341.73	1341.90	5221.50	5221.50	5221.50	5221.50
16503	1067.57	1067.84	1067.84	1068.20	5221.50	5221.50	5221.50	5221.50
16504	684.67	686.27	686.38	688.90	10000.00	10000.00	10000.00	10000.00
16505	678.76	679.10	679.70	684.33	7002.50	7007.00	7006.50	7005.30
16601	1102.54	1103.00	1105.18	1110.34	8976.60	8981.40	8981.80	8985.50
16602	1493.69	1493.69	1493.69	1493.69	8678.70	8678.70	8678.70	8678.70
16603	1688.41	1688.41	1688.41	1688.41	8678.70	8678.70	8678.70	8678.70
16604	1066.22	1066.68	1069.06	1074.67	8976.60	8981.40	8981.80	8985.50
16605	648.35	649.68	653.01	660.79	8976.60	8981.40	8981.80	8985.50
16606	922.99	922.99	922.99	922.99	8678.70	8678.70	8678.70	8678.70
16701	384.60	384.93	384.90	384.48	1238.90	1240.00	1239.90	1238.30
16702	402.24	402.77	402.83	402.20	1230.00	1231.00	1231.10	1228.80
16703	410.00	410.33	410.37	409.60	1230.00	1231.00	1231.10	1228.80
16801	99.62	99.62	99.62	99.62	1758.90	1758.90	1758.90	1758.90
16802	2.46	2.46	2.46	2.46	1573.40	1573.40	1573.40	1573.40
16803	229.05	229.05	229.05	229.05	1336.00	1336.00	1336.00	1336.00
16901	277.27	277.28	277.28	277.28	2857.40	2860.20	2860.00	2860.60
16902	576.24	581.26	581.26	582.45	1886.90	1923.80	1923.80	1925.80
17001	218.79	218.84	218.84	220.16	966.10	966.40	966.40	965.00
17002	123.45	123.64	123.66	123.66	860.10	862.80	862.80	862.80
17101	609.10	621.40	622.37	622.39	5987.90	6190.20	6188.60	6188.90
17102	1179.26	1185.92	1183.38	1186.29	10000.00	10000.00	10000.00	10000.00
17401	801.69	801.98	801.98	803.03	4666.00	4672.60	4672.60	4674.70
17402	1268.75	1270.23	1270.23	1270.69	4666.00	4672.60	4672.60	4674.70
17501	194.79	196.57	196.76	196.76	544.00	554.30	556.00	556.00
17801	754.75	755.47	755.47	756.29	2131.60	10000.00	10000.00	2144.70
17802	141.14	146.49	146.49	134.87	4931.10	4940.80	4940.80	4845.50
17803	53.02	55.07	54.75	55.11	7405.00	7875.00	7795.00	7885.00
17804	344.07	348.20	347.64	348.50	7675.00	8175.00	8095.00	8185.00
17805	169.68	180.37	178.66	180.58	7635.00	8125.00	8055.00	8145.00
17901	761.18	761.71	762.10	762.92	6207.60	6211.70	6210.30	6207.50
17902	548.78	549.27	549.27	549.85	2433.70	2436.30	2436.30	2438.00
17903	585.99	587.12	589.26	593.10	6207.60	6211.70	6210.30	6207.50
18001	193.76	194.18	194.18	194.01	563.50	565.40	565.40	562.60
18201	551.96	551.96	551.96	551.96	3735.90	3735.90	3735.90	3735.90
18202	1022.37	1022.37	1022.37	1022.37	3735.90	3735.90	3735.90	3735.90
18203	857.30	857.30	857.30	857.30	3735.90	3735.90	3735.90	3735.90
18501	571.39	573.91	575.07	575.11	4566.00	4578.60	4577.00	4577.10

18502	514.12	519.28	519.40	519.46	4566.00	4578.60	4577.00	4577.10
18601	150.05	155.21	155.21	155.21	1513.90	1607.10	1607.10	1607.10
18602	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
18603	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
18604	154.89	155.42	155.35	155.35	1914.10	1967.40	1963.30	1963.30
18801	119.18	120.04	120.06	121.23	2495.00	2525.00	2525.00	2565.00
18802	1034.26	1034.37	1034.37	1034.45	5394.10	5395.20	5395.20	5397.50
20101	921.88	922.05	922.30	923.66	10000.00	10000.00	10000.00	10000.00
20102	651.29	651.26	651.99	656.08	10000.00	10000.00	10000.00	10000.00
20103	250.62	253.72	257.72	258.69	5222.90	5198.00	5400.60	5479.60
20105	919.00	919.07	919.12	920.08	10000.00	10000.00	10000.00	10000.00
20106	848.76	849.53	850.21	854.56	10000.00	10000.00	10000.00	10000.00
20201	227.70	227.34	226.52	230.12	1272.10	1267.10	1265.50	1272.90
20202	720.53	720.53	720.53	720.53	2879.90	2879.90	2879.90	2879.90
20401	5.41	30.67	30.76	28.95	473.90	771.70	771.60	771.60
20402	55.99	55.53	56.09	55.84	351.10	892.50	892.60	350.70
20403	8.46	22.60	24.63	15.13	510.60	785.80	785.70	785.80
20501	574.85	574.85	574.85	574.85	9850.40	9850.40	9850.40	9850.40
20502	938.35	938.35	938.35	938.35	3962.90	3962.90	3962.90	3962.90
20601	170.66	170.90	232.49	174.69	1137.60	1132.00	2899.20	1136.70
20602	30.89	30.83	50.48	24.35	1418.60	1415.00	1211.00	1354.60
20603	470.63	470.82	537.79	473.37	2307.90	2286.60	4631.90	1654.90
20701	630.74	632.53	632.53	632.07	2324.50	2336.00	2336.00	2333.70
20702	581.03	582.02	582.03	582.52	2324.50	2336.00	2336.00	2333.70
20801	410.79	411.96	412.23	412.34	2194.20	2200.00	2199.90	2200.00
20802	96.24	96.95	97.00	98.57	1295.60	1313.10	1311.80	1325.20
20803	1.64	1.66	1.66	1.64	5.90	5.90	5.90	5.90
20901	503.21	503.21	503.21	503.21	10000.00	10000.00	10000.00	10000.00
20902	774.07	774.07	774.07	774.07	2931.80	2931.80	2931.80	2931.80
21201	209.33	209.33	209.33	209.33	6299.00	6299.00	6299.00	6299.00
21202	913.81	913.81	913.82	913.87	10000.00	10000.00	10000.00	10000.00
21203	158.46	158.46	158.46	158.46	6299.00	6299.00	6299.00	6299.00
21204	999.57	999.80	998.50	999.84	10000.00	10000.00	10000.00	10000.00
21205	1445.33	1445.33	1445.33	1445.33	6299.00	6299.00	6299.00	6299.00
21206	533.87	535.37	535.39	536.03	8149.20	8155.10	8155.10	8155.60
21401	653.15	653.15	653.15	653.15	2478.50	2478.50	2478.50	2478.50
21402	728.99	729.13	729.13	729.20	4688.30	4691.40	4691.40	4690.60
21403	1036.86	1037.19	1037.19	1037.20	4688.30	4691.40	4691.40	4690.60
21501	1161.64	1431.58	1266.97	1267.13	6549.40	6890.90	7090.40	7090.90
21502	1051.38	1366.90	1136.16	1137.20	6549.40	6890.90	7090.40	7090.90
21503	162.14	163.93	165.66	172.10	659.90	669.40	678.00	710.10
21504	39.28	40.02	40.58	42.71	658.00	667.50	676.00	708.00
21601	340.53	340.54	340.53	340.60	10000.00	10000.00	10000.00	10000.00
21602	851.01	851.01	851.01	851.01	5069.30	5069.30	5069.30	5069.30
21603	894.90	894.90	894.90	894.90	5069.30	5069.30	5069.30	5069.30
21606	423.14	423.18	423.23	422.93	10000.00	10000.00	10000.00	10000.00
21701	1223.45	1224.60	1224.67	1224.63	7057.60	7075.50	7075.80	7075.60
21702	1469.15	1471.45	1471.51	1471.48	7033.80	7051.70	7052.00	7051.80
21703	1167.88	1167.69	1167.81	1167.75	7033.80	7051.70	7052.00	7051.80
21704	1524.87	1526.76	1526.84	1526.79	7033.80	7051.70	7052.00	7051.80

21705	1283.59	1284.24	1284.44	1284.33	7057.60	7075.50	7075.80	7075.60
21801	1209.19	1209.19	1209.19	1209.19	4974.80	4974.80	4974.80	4974.80
21802	903.03	903.03	903.03	903.03	4974.80	4974.80	4974.80	4974.80
21901	486.17	485.27	485.27	485.26	5468.50	5489.80	5489.80	5489.00
21903	1621.07	1626.54	1626.54	1626.33	5468.50	5489.80	5489.80	5489.00
21904	553.73	553.73	553.73	553.73	1661.20	1661.20	1661.20	1661.20
21905	455.73	455.73	455.73	455.73	1661.20	1661.20	1661.20	1661.20
21906	355.29	354.93	354.93	354.95	4120.10	4109.90	4109.90	4110.30
22001	489.74	498.17	501.64	503.40	2754.50	2800.80	2803.20	2803.10
22002	665.45	671.76	672.12	672.08	2754.50	2800.80	2803.20	2803.10
22003	471.95	474.64	474.72	475.60	2754.50	2800.80	2803.20	2803.10
22101	604.84	606.21	606.21	605.93	9634.70	9660.80	9660.80	9657.50
22102	594.60	594.60	594.60	594.60	3413.40	3413.40	3413.40	3413.40
22103	748.85	749.38	749.39	749.38	3922.00	3928.50	3928.50	3924.90
22104	615.02	615.02	615.02	615.02	3413.40	3413.40	3413.40	3413.40
22201	33.35	33.35	33.35	33.35	99.20	99.20	99.20	99.20
22401	131.45	131.52	132.18	132.24	10000.00	10000.00	10000.00	10000.00
22402	706.35	706.47	706.50	706.66	5218.30	5222.60	5221.60	5221.90
22403	677.01	677.16	677.21	677.30	5218.30	5222.60	5221.60	5221.90
22404	581.06	581.01	581.02	581.02	10000.00	10000.00	10000.00	10000.00
22405	899.94	900.76	900.72	900.80	5237.70	5241.80	5240.80	5241.20
22406	423.45	423.51	423.55	423.64	5218.30	5222.60	5221.60	5221.90
22501	456.27	457.55	457.55	457.55	2069.20	2082.30	2082.30	2082.30
22601	301.14	300.30	300.15	298.69	1913.60	1923.70	1923.10	1929.90
22602	480.89	481.94	482.08	482.48	1913.60	1923.70	1923.10	1929.90
22701	261.07	261.19	261.38	261.97	1641.40	1642.30	1643.60	1647.70
22702	391.20	391.40	391.62	392.56	1600.40	1601.20	1602.40	1606.30
22703	885.36	885.41	885.48	885.48	8106.30	8114.00	8112.90	8112.90
22704	11.41	11.41	11.41	11.41	191.60	191.60	191.60	191.60
22705	1219.93	1223.94	1224.19	1224.19	8106.30	8114.00	8112.90	8112.90
22801	682.77	682.77	682.75	682.85	3103.50	3103.50	3103.40	3103.50
22802	667.02	667.03	667.04	667.19	3433.00	3433.00	3433.10	3433.00
22803	398.77	398.77	398.86	398.81	3433.00	3433.00	3433.10	3433.00
22805	368.07	368.20	368.26	369.60	3103.50	3103.50	3103.40	3103.50
22901	689.90	701.50	701.52	708.18	10000.00	10000.00	10000.00	10000.00
22903	524.05	548.80	560.61	560.79	10000.00	10000.00	10000.00	10000.00
22904	1074.93	1076.48	1076.62	1081.96	10000.00	10000.00	10000.00	10000.00
22905	544.81	553.00	555.85	558.46	10000.00	10000.00	10000.00	10000.00
22906	1509.09	1515.66	1515.68	1532.59	10000.00	10000.00	10000.00	10000.00
22907	1965.22	1967.56	1968.18	1970.72	10000.00	10000.00	10000.00	10000.00
23001	110.71	126.93	127.35	127.54	1079.00	1079.80	1073.50	1062.80
23002	17.85	17.79	17.70	17.42	1054.90	1060.50	1049.50	1045.90
23003	150.58	152.84	154.59	166.75	1110.60	1107.80	1098.70	1089.30
23101	557.41	565.25	565.25	565.27	10000.00	10000.00	10000.00	10000.00
23102	763.43	763.61	763.61	761.36	6388.80	6392.60	6392.60	6397.60
23201	344.53	345.42	345.99	351.19	2830.90	2838.90	2840.00	2838.80
23202	546.65	547.27	547.69	548.79	2830.90	2838.90	2840.00	2838.80
23203	391.04	394.55	395.85	397.48	10000.00	10000.00	10000.00	10000.00
23301	388.21	388.21	388.21	388.21	1660.20	1660.20	1660.20	1660.20
23402	395.52	395.72	395.68	395.32	1252.90	1254.10	1253.20	1250.20

23403	599.62	599.69	599.69	600.01	3564.50	3565.80	3565.80	3562.50
23404	1108.78	1108.86	1108.86	1109.21	8054.20	8056.60	8056.60	8053.60
23601	692.13	692.33	692.40	692.41	5083.80	5088.70	5088.00	5086.70
23602	1055.07	1055.51	1056.56	1056.67	5091.30	5096.70	5097.30	5098.40
23603	876.01	876.27	876.29	876.27	5083.80	5088.70	5088.00	5086.70
23604	545.97	552.89	554.10	555.39	5091.30	5096.70	5097.30	5098.40
23605	1473.24	1474.61	1474.42	1474.05	5083.80	5088.70	5088.00	5086.70
23902	365.36	365.59	365.63	366.28	1430.70	1432.60	1432.70	1434.40
24001	203.87	214.36	228.34	237.53	1845.60	1739.10	1725.70	1774.10
24002	61.27	58.49	58.30	59.24	669.70	635.70	627.60	647.20
24003	390.03	375.45	376.05	389.73	1774.90	1678.30	1655.90	1710.40
24004	70.92	101.04	109.90	116.02	1720.60	1742.00	1719.10	1774.60
24005	382.56	383.68	383.03	383.93	9336.60	9368.40	9343.00	9378.70
24006	180.56	186.95	197.39	205.56	1789.40	1692.80	1670.30	1725.00
24102	117.76	98.04	138.76	163.94	9682.70	9716.10	9642.10	9639.40
24103	98.89	98.24	98.27	98.31	1026.50	1018.40	1018.60	1019.90
24104	107.72	110.33	110.32	110.45	781.50	782.50	782.50	782.50
24105	69.91	69.74	69.79	69.76	1154.00	1153.90	1153.90	1153.90
24201	806.85	808.05	808.13	810.77	9537.30	9541.50	9541.50	9539.30
24202	1616.56	1616.57	1616.57	1616.83	10000.00	10000.00	10000.00	10000.00
24203	1074.90	1074.88	1074.92	1074.99	9573.30	9573.30	9573.30	9573.30
24204	1335.67	1335.77	1335.77	1335.81	9537.30	9541.50	9541.50	9539.30
24205	1308.54	1308.71	1308.71	1309.74	10000.00	10000.00	10000.00	10000.00
24206	1538.66	1538.70	1538.86	1539.12	9573.30	9573.30	9573.30	9573.30
24401	173.26	173.26	173.26	173.26	950.00	950.00	950.00	950.00
24402	160.32	160.32	160.32	160.32	539.40	539.40	539.40	539.40
24501	994.74	995.01	995.01	994.94	10000.00	10000.00	10000.00	10000.00
24502	5.87	5.87	18.30	5.86	573.80	573.80	1413.60	573.80
24602	347.34	351.48	351.81	353.88	3624.20	3624.20	3624.20	3624.20
24603	252.84	252.86	252.88	253.11	3624.20	3624.20	3624.20	3624.20
24701	218.55	241.13	241.76	239.71	1414.80	2126.90	2269.00	2243.40
24702	150.98	293.36	378.48	375.09	2653.50	3229.10	3605.00	3484.90
24703	106.99	180.42	186.85	186.26	1554.90	2325.10	2485.00	2457.00
24801	56.45	54.71	54.68	54.83	348.80	337.80	337.60	338.50
24802	54.38	54.43	54.43	54.59	345.10	345.20	345.20	345.20
24803	0.06	1.73	1.08	2.04	10.50	27.60	14.00	25.60
24804	3.13	3.16	3.16	3.30	12.80	13.00	13.00	13.70
24805	61.62	59.92	59.90	60.16	407.60	394.90	394.70	395.80
24806	37.36	36.49	36.48	36.63	386.00	372.90	372.60	373.70
24901	29.88	29.90	29.91	30.10	1574.90	1575.30	1575.30	1581.20
24902	4.06	4.06	4.06	4.07	7034.10	7035.10	7034.40	7050.70
25101	509.77	509.77	509.77	509.77	2159.90	2159.90	2159.90	2159.90
25401	367.79	368.38	368.38	368.38	1178.90	1182.10	1182.10	1182.10
25402	488.30	488.61	488.61	488.71	2316.10	2318.80	2318.80	2319.10
25404	679.30	679.67	679.66	679.94	2316.10	2318.80	2318.80	2319.10
25501	566.21	569.82	569.83	569.92	3481.90	3488.70	3488.60	3485.00
25502	588.33	588.64	588.58	588.90	8840.90	8840.80	8840.90	8840.70
25503	488.39	494.95	494.96	495.02	3481.90	3488.70	3488.60	3485.00
25601	299.00	302.74	302.74	303.22	10000.00	10000.00	10000.00	10000.00
25602	421.47	426.71	427.54	429.51	2701.20	2717.90	2717.90	2719.10

25603	236.21	258.55	261.25	267.19	2701.20	2717.90	2717.90	2719.10
25801	271.92	272.50	272.72	273.47	1720.30	1720.40	1720.30	1720.20
25901	1114.28	1114.28	1114.28	1114.28	3678.90	3678.90	3678.90	3678.90
25902	675.77	675.77	675.77	675.77	3678.90	3678.90	3678.90	3678.90
25903	1076.30	1076.30	1076.30	1076.30	3678.90	3678.90	3678.90	3678.90
25904	1226.30	1226.30	1226.30	1226.30	3678.90	3678.90	3678.90	3678.90
26001	12.78	13.02	13.02	14.06	3336.70	3344.40	3344.30	3346.20
26101	1365.45	1365.45	1365.45	1365.45	5669.20	5669.20	5669.20	5669.20
26102	1052.07	1052.07	1052.07	1052.07	5669.20	5669.20	5669.20	5669.20
26103	1488.31	1488.31	1488.31	1488.31	8271.70	8271.70	8271.70	8271.70
26104	261.71	261.71	261.71	261.71	9475.00	9475.00	9475.00	9475.00
26105	1889.73	1889.73	1889.73	1889.73	5669.20	5669.20	5669.20	5669.20
26106	847.26	847.26	847.26	847.26	9795.00	9795.00	9795.00	9795.00
26301	862.94	863.15	863.15	863.45	3644.10	3646.00	3646.00	3648.80
26302	970.42	970.78	970.78	971.30	3644.10	3646.00	3646.00	3648.80
26401	46.75	47.40	44.01	48.58	9393.40	9419.80	9438.30	9424.20
26402	16.63	16.20	13.89	14.80	1283.20	1277.60	985.30	1113.40
26601	470.48	470.56	470.56	471.59	4111.50	4118.30	4118.30	4127.60
26602	497.63	497.63	497.63	497.63	6576.00	6576.00	6576.00	6576.00
26603	418.51	419.46	419.46	424.01	4111.50	4118.30	4118.30	4127.60
26604	251.94	251.94	251.94	251.94	6062.30	6062.30	6062.30	6062.30
26701	659.28	660.00	659.98	660.11	2049.60	2053.70	2053.70	2056.70
26702	555.17	555.30	555.38	555.49	2767.10	2771.10	2769.70	2767.90
26703	304.02	304.73	304.73	305.79	10000.00	10000.00	10000.00	10000.00
26704	547.93	548.27	548.26	548.27	2767.10	2771.10	2769.70	2767.90
26801	1023.65	1025.03	1025.01	1028.25	3334.50	3341.00	3340.90	3341.70
26802	572.47	572.77	572.77	575.60	3334.50	3341.00	3340.90	3341.70
26803	488.16	488.51	488.51	490.11	3334.50	3341.00	3340.90	3341.70
27001	698.21	698.21	698.21	698.21	3065.70	3065.70	3065.70	3065.70
27002	722.32	722.32	722.32	722.32	3065.70	3065.70	3065.70	3065.70
27003	23.60	26.93	32.10	32.14	227.40	261.20	313.10	313.60
27004	77.27	87.81	102.65	104.87	335.60	385.40	462.40	463.20
27005	50.90	57.07	64.87	67.89	335.10	384.90	461.80	462.50
27101	250.09	250.66	250.71	250.93	2752.90	2760.10	2759.90	2763.40
27102	377.59	377.62	377.61	377.68	6607.40	6609.80	6609.80	6612.60
27201	328.37	329.10	329.10	329.10	2592.80	2592.80	2592.80	2592.80
27202	585.88	585.92	585.94	585.76	10000.00	10000.00	10000.00	10000.00
27203	981.63	981.68	981.70	982.83	10000.00	10000.00	10000.00	10000.00
27204	92.25	92.49	92.49	92.49	2761.70	2771.70	2771.70	2771.70
27205	193.91	194.39	194.39	194.39	1445.00	1445.00	1445.00	1445.00
27206	1288.45	1288.47	1288.47	1289.47	6748.10	6748.10	6748.10	6748.10
27301	733.85	734.14	734.14	734.55	4295.00	4296.80	4296.80	4297.90
27302	546.12	546.27	546.27	546.36	4295.00	4296.80	4296.80	4297.90
27401	968.84	968.84	968.84	968.84	9040.30	9040.30	9040.30	9040.30
27402	734.75	734.75	734.75	734.75	7986.70	7986.70	7986.70	7986.70
27403	564.15	564.15	564.15	564.15	9040.30	9040.30	9040.30	9040.30
27404	1199.93	1199.93	1199.93	1199.93	7986.70	7986.70	7986.70	7986.70
27501	184.35	184.81	184.86	184.98	2388.20	2392.40	2389.20	2386.60
27502	743.74	743.45	743.46	745.60	6088.90	6097.10	6097.10	6091.30
27503	649.75	649.86	649.86	650.01	6088.90	6097.10	6097.10	6091.30

27504	249.90	250.63	250.56	251.83	1856.20	1853.50	1853.40	1852.40
27601	710.13	710.31	710.31	711.94	6574.60	6585.10	6585.10	6592.80
27602	1187.37	1187.70	1187.70	1188.08	6574.60	6585.10	6585.10	6592.80
27603	1048.06	1049.05	1049.10	1049.13	5403.70	5420.20	5420.10	5419.70
27604	733.67	734.75	734.75	734.65	6574.60	6585.10	6585.10	6592.80
27605	1153.07	1155.21	1155.33	1155.39	5403.70	5420.20	5420.10	5419.70
27701	488.56	493.65	495.76	495.76	5595.60	5669.40	5667.10	5667.10
27702	732.93	748.14	750.40	750.40	5595.60	5669.40	5667.10	5667.10
27901	293.29	293.29	293.29	293.29	2363.70	2363.70	2363.70	2363.70
27902	558.60	558.60	558.60	558.60	5685.90	5685.90	5685.90	5685.90
28001	325.32	325.32	325.32	325.32	1320.00	1320.00	1320.00	1320.00
28002	416.24	416.24	416.24	416.24	1320.00	1320.00	1320.00	1320.00
28101	130.84	130.84	130.84	130.84	4977.30	4977.30	4977.30	4977.30
28102	261.24	261.41	261.41	261.41	835.80	836.80	836.80	836.80
28301	74.26	74.26	74.26	74.26	3664.30	3664.30	3664.30	3664.30
28302	9.94	9.94	9.94	9.94	296.50	296.50	296.50	296.50
28303	256.07	256.07	256.07	256.07	3763.80	3763.80	3763.80	3763.80
28401	1515.54	1516.23	1516.25	1516.60	6937.10	6941.20	6941.20	6940.10
28402	157.18	157.18	157.18	157.18	3961.40	3961.40	3961.40	3961.40
28403	540.09	540.15	540.19	541.42	6937.10	6941.20	6941.20	6940.10
28601	41.41	41.49	41.49	41.49	761.50	765.90	765.90	765.90
28602	284.06	297.40	297.42	297.38	4895.00	10000.00	10000.00	10000.00
28604	380.65	380.90	380.94	383.51	6019.90	6022.90	6022.40	6021.10
28701	602.95	603.08	603.08	603.70	5134.40	5138.20	5138.20	5140.20
28702	659.28	659.94	659.94	660.80	5134.40	5138.20	5138.20	5140.20
28703	780.75	781.34	781.34	781.44	10000.00	10000.00	10000.00	10000.00
28704	548.69	550.07	550.08	550.69	5134.40	5138.20	5138.20	5140.20
28801	102.30	102.72	102.72	103.83	10000.00	10000.00	10000.00	10000.00
28802	364.10	364.28	364.16	365.95	10000.00	10000.00	10000.00	10000.00
28803	419.84	420.21	420.21	421.15	10000.00	10000.00	10000.00	10000.00
28804	423.54	423.70	423.87	424.05	5033.40	5044.40	5041.80	5033.80
28805	139.67	140.88	140.93	143.71	10000.00	10000.00	10000.00	10000.00
29101	289.34	289.34	289.34	289.34	1031.50	1031.50	1031.50	1031.50
29102	297.33	297.33	297.33	297.33	1079.10	1079.10	1079.10	1079.10
29201	398.30	398.65	398.65	398.65	1428.90	1433.10	1433.10	1433.10
29202	387.38	387.96	387.96	387.96	1428.90	1433.10	1433.10	1433.10
29301	521.31	521.41	521.41	521.44	2532.30	2535.50	2535.50	2533.60
29302	432.62	432.67	432.67	432.74	2532.30	2535.50	2535.50	2533.60
29401	541.72	542.33	531.56	529.12	6710.60	6744.00	6732.70	6733.00
29402	151.13	153.53	153.37	154.89	6710.60	6744.00	6732.70	6733.00
29501	439.60	440.47	440.47	441.09	1739.50	1745.00	1745.00	1747.60
29502	479.88	480.36	480.36	480.92	1739.50	1745.00	1745.00	1747.60
29503	323.72	323.74	323.73	323.84	8260.10	8260.60	8260.60	8260.60
29701	34.28	34.28	34.28	34.28	1090.10	1090.10	1090.10	1090.10
29702	132.92	132.92	132.92	132.92	1160.70	1160.70	1160.70	1160.70
29801	1359.38	1359.38	1359.38	1359.38	8167.40	8167.40	8167.40	8167.40
29802	1086.60	1087.26	1087.26	1088.67	5178.80	5180.60	5180.60	5181.60
29803	1509.58	1509.58	1509.58	1509.58	8167.40	8167.40	8167.40	8167.40
29804	1310.10	1310.20	1310.20	1310.80	10000.00	10000.00	10000.00	10000.00
39601	492.23	495.86	495.86	495.86	1684.00	1706.00	1706.00	1706.00

40101	130.21	132.68	134.16	136.27	2065.40	2101.00	2101.00	2100.00
40201	51.11	51.46	51.59	52.10	413.00	741.10	410.90	738.80
40301	415.81	416.61	416.59	416.55	5752.20	5765.60	5765.60	5763.50
40302	75.21	74.15	75.68	75.13	5752.20	5765.60	5765.60	5763.50
40303	1084.33	1085.64	1085.60	1085.76	5754.40	5767.80	5767.80	5765.70
40501	32.50	35.08	35.63	57.19	93.00	108.80	161.10	339.10
40502	2.07	3.67	7.78	22.25	81.30	101.70	161.10	306.80
40503	804.94	817.31	820.70	820.68	10000.00	10000.00	10000.00	10000.00
40504	563.13	570.08	572.07	577.38	4945.50	5142.40	5146.00	5141.80
40505	433.05	451.01	451.78	451.74	4945.50	5142.40	5146.00	5141.80
40601	461.24	465.23	467.79	473.00	5363.60	5440.00	5435.60	5426.10
40602	284.49	287.74	292.51	302.03	5363.60	5440.00	5435.60	5426.10
40603	359.76	370.92	372.59	376.84	5363.60	5440.00	5435.60	5426.10
40701	677.38	678.16	678.21	679.53	5076.40	5079.50	5079.40	5077.70
40702	553.54	553.79	553.83	555.35	5076.40	5079.50	5079.40	5077.70
40703	844.82	845.05	845.12	847.81	5076.40	5079.50	5079.40	5077.70
40801	91.18	92.49	99.72	103.56	2338.70	2212.10	1580.40	2810.50
40802	63.32	85.90	85.91	85.90	779.10	993.80	993.70	993.70
40901	429.66	430.36	430.66	430.82	5656.70	5674.70	5673.50	5671.90
40902	302.90	305.24	306.10	306.93	5656.70	5674.70	5673.50	5671.90
40903	862.27	863.44	864.01	864.40	5796.40	5815.70	5814.10	5813.10
41001	139.39	140.62	140.62	141.21	5694.70	5744.80	5744.80	5746.20
41002	291.58	291.73	291.76	291.75	2412.20	2422.20	2422.10	2422.20
41201	483.44	483.63	484.17	486.50	4789.50	4794.90	4794.40	4794.30
41202	395.77	396.78	399.14	402.88	4699.30	4704.60	4703.90	4703.90
41203	800.31	800.82	801.54	804.90	4699.30	4704.60	4703.90	4703.90
41204	362.56	370.34	371.20	394.14	4789.50	4794.90	4794.40	4794.30
41205	808.50	808.74	809.42	812.34	4699.30	4704.60	4703.90	4703.90
41206	488.48	488.75	489.34	490.99	4789.50	4794.90	4794.40	4794.30
41301	432.93	445.97	445.97	448.64	6098.40	6089.70	6089.70	6140.80
41302	2116.61	2117.47	2117.51	2118.90	10000.00	10000.00	10000.00	10000.00
41303	718.80	724.17	724.17	727.00	4320.90	4405.80	4405.80	4403.80
41304	389.02	383.95	384.19	385.25	6288.30	6306.40	6309.00	6310.50
41305	914.84	921.56	921.56	922.07	4320.90	4405.80	4405.80	4403.80
41306	857.05	857.13	857.59	858.15	6288.30	6306.40	6309.00	6310.50
41401	530.50	531.52	533.37	533.37	3776.80	3785.40	3784.20	3784.20
41501	291.89	293.10	292.30	295.05	4875.60	5042.80	4831.60	4722.70
41502	401.57	403.97	404.12	406.50	10000.00	10000.00	10000.00	10000.00
41503	308.79	316.60	308.93	306.34	4555.90	4699.50	4518.40	4424.30
41504	693.67	703.21	691.67	690.97	4969.90	5101.70	4912.70	4807.90
41601	359.92	361.25	361.25	362.35	1369.50	1369.70	1369.70	1369.70
41602	0.00	0.00	0.00	0.00	Missing	Missing	Missing	Missing
41701	282.52	282.93	282.93	282.96	1007.00	1011.60	1011.60	1007.50
41702	211.20	211.89	212.23	215.57	1377.80	1381.00	1381.60	1386.10
41801	43.31	43.33	43.33	43.75	303.90	302.90	302.80	307.00
41802	105.06	106.05	106.00	105.24	675.60	681.90	681.90	680.50
41901	555.51	555.35	554.85	556.91	10000.00	10000.00	10000.00	10000.00
41902	371.72	372.12	372.10	374.60	10000.00	10000.00	10000.00	10000.00
41903	586.49	586.98	586.99	588.53	10000.00	10000.00	10000.00	10000.00
42001	359.29	360.84	360.93	360.47	4372.90	4376.30	4376.30	4372.50

42002	647.89	648.59	649.21	652.62	4372.90	4376.30	4376.30	4372.50
42102	293.31	294.25	294.25	294.11	951.80	953.50	953.50	953.50
42201	396.55	399.86	399.88	400.46	5999.20	6053.80	6052.60	6054.20
42202	1024.11	1026.31	1026.28	1026.46	5999.20	6053.80	6052.60	6054.20
42203	1469.01	1475.95	1475.88	1476.05	5999.20	6053.80	6052.60	6054.20
42204	1440.52	1447.57	1447.42	1447.63	5999.20	6053.80	6052.60	6054.20
42301	375.61	421.84	427.20	440.50	2536.90	2681.70	2675.40	2682.40
42302	540.87	567.35	569.56	576.34	2536.90	2681.70	2675.40	2682.40
42401	290.59	293.50	293.50	295.58	2038.60	2043.00	2043.00	2045.70
42501	1115.52	1167.00	1167.00	1167.52	10000.00	10000.00	10000.00	10000.00
42502	1203.85	1203.94	1203.94	1204.02	10000.00	10000.00	10000.00	10000.00
42503	1075.90	1075.96	1075.92	1077.87	8879.00	8875.00	8875.00	8873.70
42504	1620.25	1620.48	1620.48	1620.64	10000.00	10000.00	10000.00	10000.00
42601	605.05	605.08	605.11	604.95	3261.40	3262.00	3262.00	3264.20
42701	200.64	207.66	203.11	222.33	1442.30	1466.90	1466.00	1460.10
42801	886.72	886.88	887.41	889.03	7850.70	7854.40	7854.80	7847.10
42802	391.87	400.54	400.60	409.50	10000.00	10000.00	10000.00	10000.00
42803	881.78	882.40	886.20	887.06	7850.70	7854.40	7854.80	7847.10
42901	323.60	323.60	323.60	323.63	10000.00	10000.00	10000.00	10000.00
42902	215.45	215.45	215.51	215.56	10000.00	10000.00	10000.00	10000.00
42903	154.69	154.69	154.69	154.69	10000.00	10000.00	10000.00	10000.00
43001	124.81	137.59	137.33	136.79	367.20	404.90	401.60	398.20
43101	140.60	142.13	137.63	101.02	6549.20	6602.40	6599.80	6609.90
43102	327.97	352.28	372.59	407.40	6532.30	6586.10	6583.60	6594.80
43103	474.61	471.43	476.96	511.07	6532.30	6586.10	6583.60	6594.80
43104	317.52	317.21	318.81	341.54	6549.20	6602.40	6599.80	6609.90
43105	930.30	931.33	933.54	1016.14	6549.20	6602.40	6599.80	6609.90
43106	674.15	678.96	680.57	692.70	6532.30	6586.10	6583.60	6594.80
43108	347.18	349.90	359.50	396.58	6549.20	6602.40	6599.80	6609.90
43201	265.69	267.70	267.71	269.29	6239.00	6269.70	6270.20	6266.50
43202	210.05	211.21	211.14	213.22	6239.00	6269.70	6270.20	6266.50
43301	415.25	420.52	420.39	434.11	5267.70	5483.90	5481.30	5461.30
43302	969.29	994.21	993.90	992.86	5267.70	5483.90	5481.30	5461.30
43303	1337.25	1380.82	1380.31	1376.17	5267.70	5483.90	5481.30	5461.30
43304	201.55	238.78	222.28	243.25	10000.00	10000.00	10000.00	10000.00
43401	176.84	177.68	179.09	177.58	4781.80	4817.00	4834.00	4808.40
43402	185.33	186.35	186.78	186.12	4781.80	4817.00	4834.00	4808.40
43501	1104.46	1105.32	1112.87	1125.05	4703.60	4707.10	4708.50	4710.70
43502	1073.09	1073.39	1077.90	1080.99	4762.30	4765.80	4767.10	4769.00
43503	724.04	722.65	726.70	731.03	4762.30	4765.80	4767.10	4769.00
43504	88.37	87.91	96.23	105.73	4703.60	4707.10	4708.50	4710.70
43505	736.75	732.65	746.51	754.07	4762.30	4765.80	4767.10	4769.00
43506	619.03	618.28	629.68	631.40	4703.60	4707.10	4708.50	4710.70
43701	1113.62	1113.67	1113.67	1114.06	10000.00	10000.00	10000.00	10000.00
43702	1242.75	1440.14	1440.08	1440.01	7992.80	7828.40	7827.90	7827.40
43703	715.23	715.18	715.18	716.11	10000.00	10000.00	10000.00	10000.00
43704	1656.12	1672.11	1672.12	1671.92	7996.00	7828.50	7828.60	7827.10
43705	1154.16	1286.61	1286.55	1286.50	7992.80	7828.40	7827.90	7827.40
43706	1108.25	1741.09	1741.21	1741.48	7996.00	7828.50	7828.60	7827.10
43801	509.05	509.10	509.10	509.31	3733.70	3733.90	3733.90	3733.90

43802	672.41	672.66	672.66	672.74	3733.70	3733.90	3733.90	3733.90
44201	24.49	25.19	26.48	32.52	569.50	613.80	1143.50	1025.30
44202	0.00	0.00	0.16	5.81	0.00	0.00	44.00	472.00
44203	8.40	8.40	9.53	26.42	853.90	853.70	853.80	853.70
44301	21.76	21.02	21.77	20.99	1242.70	1443.90	2357.10	852.50
44302	167.47	169.80	176.90	170.04	2311.10	2347.30	2357.10	2345.80
44401	692.36	692.92	692.93	692.93	2988.60	2994.10	2994.20	2994.20
44501	1444.35	1444.61	1444.67	1444.77	6268.70	6270.60	6270.80	6271.30
44502	353.94	365.96	365.61	368.01	7538.50	7562.40	7564.30	7562.00
44503	1151.31	1164.63	1196.46	1197.04	6268.70	6270.60	6270.80	6271.30
44504	924.76	925.05	925.61	924.92	3433.50	3435.00	3437.80	3434.50
44505	452.00	452.94	453.76	463.28	6268.70	6270.60	6270.80	6271.30
44601	342.36	344.73	345.85	345.58	5289.30	5291.20	5291.40	5296.90
44701	150.67	201.15	161.93	169.04	1925.60	2175.30	1925.60	1925.60
44702	662.18	663.03	663.07	663.17	4761.40	4772.40	4773.20	4775.60
44703	56.49	83.28	63.88	68.21	1355.00	2135.00	1525.00	1635.00
44704	1146.93	1146.93	1146.93	1146.93	4481.10	4481.10	4481.10	4481.10
44705	1380.30	1380.30	1380.30	1380.30	4481.10	4481.10	4481.10	4481.10
44801	315.26	349.39	350.92	351.72	4882.80	5080.50	5082.20	5078.30
44802	694.58	725.61	725.75	726.35	4882.80	5080.50	5082.20	5078.30
44901	585.58	591.00	591.35	591.45	3601.60	3676.30	3677.20	3674.50
44902	569.19	577.12	577.87	578.77	3601.60	3676.30	3677.20	3674.50
44903	725.91	733.16	733.43	735.68	4517.20	4626.50	4628.50	4633.60
44904	576.88	584.27	584.46	586.28	4517.20	4626.50	4628.50	4633.60
44905	329.40	332.62	335.30	337.05	7350.30	7385.70	7395.80	7475.20
45201	5.97	5.97	5.97	5.97	17.00	17.00	17.00	17.00
45301	687.58	687.62	687.62	687.84	2700.00	2700.10	2700.10	2700.00
45302	202.18	202.04	201.99	202.07	10000.00	10000.00	10000.00	10000.00
45303	298.55	308.09	309.25	312.83	6862.70	6896.60	6888.00	6886.20
45401	862.04	862.49	862.49	862.86	3744.80	3748.60	3748.60	3751.50
45402	100.39	101.47	101.47	100.29	2528.90	2534.50	2534.50	2537.10
45403	969.43	970.26	970.26	971.27	3744.80	3748.60	3748.60	3751.50
45501	281.23	281.31	302.14	298.92	2845.40	2846.20	2827.90	2829.40
45502	235.59	235.61	236.02	237.33	2845.40	2846.20	2827.90	2829.40
45601	360.88	363.21	368.45	369.05	3748.70	3270.30	3611.60	3606.20
45602	247.49	240.41	248.95	249.82	3650.80	3222.80	3528.70	3526.20
45701	480.02	481.96	483.32	484.37	4756.40	4763.20	4764.50	4764.10
45702	541.77	542.09	542.35	543.07	4756.40	4763.20	4764.50	4764.10
45703	1042.37	1043.51	1043.72	1043.64	4756.40	4763.20	4764.50	4764.10
45704	1275.69	1277.03	1278.54	1280.71	4756.40	4763.20	4764.50	4764.10
45801	320.50	320.55	320.65	317.58	2130.90	2136.40	2136.40	2141.50
45802	53.24	53.36	53.36	53.94	1297.80	1296.40	1295.70	1303.80
45901	255.66	256.66	256.66	257.77	1298.20	1308.50	1308.50	1307.90
45902	88.86	93.64	93.56	97.01	657.70	669.70	672.80	669.60
46001	278.25	281.91	288.35	289.98	4020.60	4038.00	4036.30	4042.00
46002	1124.15	1131.63	1131.67	1131.78	6584.00	6684.90	6684.60	6683.90
46003	1366.76	1376.33	1376.47	1376.71	6584.00	6684.90	6684.60	6683.90
46004	450.55	459.44	459.89	460.42	6584.00	6684.90	6684.60	6683.90
46005	804.23	805.85	806.76	813.49	4020.60	4038.00	4036.30	4042.00
46101	186.50	187.22	187.22	193.85	750.80	752.90	752.90	777.90

46102	194.44	195.29	195.29	201.76	750.90	752.90	752.90	777.90
46201	1521.16	1522.47	1522.40	1522.67	9577.60	9758.10	9751.30	9738.30
46202	966.36	968.34	968.45	968.82	9577.60	9758.10	9751.30	9738.30
46203	431.33	442.81	443.00	444.94	9577.60	9758.10	9751.30	9738.30
46204	971.18	978.54	978.51	979.15	9577.60	9758.10	9751.30	9738.30
46205	978.17	981.54	981.49	982.71	10000.00	10000.00	10000.00	10000.00
46206	439.36	438.65	442.50	449.59	9577.60	9758.10	9751.30	9738.30
46301	283.94	287.02	287.32	288.98	1802.10	1834.40	1827.80	1820.00
46302	258.32	263.93	257.76	259.53	1802.10	1834.40	1827.80	1820.00
46401	503.31	504.71	504.85	505.18	4617.20	4632.90	4632.90	4631.40
46402	249.53	250.58	250.79	252.36	4617.20	4632.90	4632.90	4631.40
46501	854.10	855.97	855.97	856.62	5083.70	5107.10	5107.00	5108.90
46502	1071.44	1074.44	1074.44	1074.74	5056.10	5078.10	5078.10	5080.00
46503	895.68	897.78	897.48	897.87	5056.10	5078.10	5078.10	5080.00
46504	338.47	338.90	338.91	341.73	5083.70	5107.10	5107.00	5108.90
46505	1030.36	1033.01	1033.00	1033.19	5083.70	5107.10	5107.00	5108.90
46506	612.70	614.32	614.32	614.82	5056.10	5078.10	5078.10	5080.00
46602	307.68	308.55	308.34	309.83	5085.60	5094.40	5093.70	5099.30
46701	116.22	116.39	116.89	117.47	2849.80	2868.70	2868.70	2869.90
46702	338.09	342.35	342.36	343.17	4677.30	4712.60	4712.30	4793.60
46801	559.46	566.17	566.20	566.35	3168.40	3231.30	3231.10	3231.10
46802	366.66	367.57	367.57	355.19	5577.40	5602.60	5602.40	5599.70
46803	526.12	530.27	530.26	530.27	3168.40	3231.30	3231.10	3231.10
46901	577.24	580.27	579.69	581.17	4382.80	4413.50	4401.10	4415.70
46902	587.91	595.88	594.58	595.16	4423.80	4454.30	4442.00	4456.40
46903	229.64	244.22	243.83	243.45	4339.90	4369.10	4357.40	4371.20
47001	143.92	146.13	148.79	152.08	4989.10	4993.40	4995.00	4981.40
47101	534.10	548.06	548.19	555.65	4655.80	4874.80	4873.30	4861.50
47102	416.59	422.85	423.69	426.70	3115.50	3173.60	3173.60	3375.80
47103	297.86	301.46	301.06	308.91	7469.10	7514.40	7513.80	7516.20
47104	776.34	785.21	785.63	795.36	4655.80	4874.80	4873.30	4861.50
47201	1047.56	1047.65	1047.65	1048.18	10000.00	10000.00	10000.00	10000.00
47202	1613.37	1614.67	1614.76	1619.40	10000.00	10000.00	10000.00	10000.00
47203	942.69	942.79	942.17	943.20	10000.00	10000.00	10000.00	10000.00
47401	83.07	83.85	105.11	94.88	846.60	851.10	822.30	874.30
47402	280.83	281.21	283.03	286.45	1801.90	1842.30	1918.60	1918.60
47403	53.88	53.96	53.87	54.81	758.10	762.20	741.30	788.10
47501	629.62	629.62	629.62	629.62	1959.40	1959.40	1959.40	1959.40
47502	320.83	322.20	322.20	323.61	1233.30	1241.30	1241.30	1240.70
47801	941.84	942.05	942.05	942.05	3803.20	3805.60	3805.60	3805.60
47802	497.76	503.43	503.43	503.89	1949.20	1970.80	1970.80	1973.70
47803	1309.89	1310.24	1310.28	1310.28	8865.30	8868.70	8869.10	8869.10
47901	535.72	537.70	537.98	555.21	8440.50	8441.70	8440.70	8431.30
47902	750.91	750.91	750.91	750.91	2883.80	2883.80	2883.80	2883.80
48301	412.09	418.20	418.20	418.70	1974.50	2018.50	2018.50	2021.80
48302	70.41	70.97	70.97	70.93	1259.10	1266.10	1266.30	1267.30
48303	228.80	227.97	227.98	228.43	1852.80	1852.50	1852.50	1852.40
48601	849.30	852.18	852.37	856.23	5136.20	5158.60	5156.80	5159.10
48602	839.30	841.41	842.13	843.22	5136.20	5158.60	5156.80	5159.10
48901	575.78	579.17	579.20	583.83	2827.80	2858.00	2858.10	2844.90

48902	694.38	699.17	699.20	702.63	2827.80	2858.00	2858.10	2844.90
49801	946.93	946.93	946.93	946.93	3777.70	3777.70	3777.70	3777.70
49802	922.01	922.30	924.21	928.48	4497.20	4498.80	4498.00	4496.40
49803	24.02	24.01	24.38	24.24	3666.40	3668.80	3667.60	3669.80
49804	115.67	122.67	123.67	123.60	3038.10	3068.30	3068.30	3061.10
50102	1426.17	1427.23	1428.65	1429.03	10000.00	10000.00	10000.00	10000.00
50103	1281.23	1283.98	1285.45	1285.49	10000.00	10000.00	10000.00	10000.00
50105	1374.34	1376.95	1380.28	1380.43	10000.00	10000.00	10000.00	10000.00
50106	1328.77	1332.04	1335.50	1335.39	10000.00	10000.00	10000.00	10000.00
50107	1083.03	1083.45	1083.62	1083.58	10000.00	10000.00	10000.00	10000.00
50201	798.28	800.15	801.44	803.46	10000.00	10000.00	10000.00	10000.00
50202	950.33	957.56	963.00	962.72	10000.00	10000.00	10000.00	10000.00
50301	1148.53	1157.66	1157.66	1157.51	4091.00	4130.20	4130.20	4129.60
50302	770.86	777.08	777.08	777.53	3279.90	3309.90	3309.90	3309.20
50303	918.14	923.44	923.45	923.44	4091.00	4130.20	4130.20	4129.60
50501	125.78	138.83	157.70	165.41	6305.70	6408.30	6407.40	6408.00
50502	408.55	413.83	417.85	420.44	6340.20	6408.30	6407.40	6408.00
50503	830.58	833.06	832.49	833.98	10000.00	10000.00	10000.00	10000.00
50504	811.03	817.85	820.51	821.02	6443.90	6520.20	6517.40	6514.00
50505	602.87	609.34	609.41	617.42	10000.00	10000.00	10000.00	10000.00
50506	772.57	772.80	772.80	772.77	10000.00	10000.00	10000.00	10000.00
50701	610.46	612.75	612.85	613.66	3371.70	3403.60	3404.00	3411.70
51001	1126.19	1127.81	1129.67	1132.93	10000.00	10000.00	10000.00	10000.00
51002	874.29	878.33	881.48	885.90	10000.00	10000.00	10000.00	10000.00
51003	820.81	820.51	821.41	823.24	10000.00	10000.00	10000.00	10000.00
51004	752.57	746.39	749.24	750.79	10000.00	10000.00	10000.00	10000.00
51005	1162.40	1162.70	1163.71	1165.03	10000.00	10000.00	10000.00	10000.00
51006	832.91	835.72	838.02	841.92	10000.00	10000.00	10000.00	10000.00
51101	605.82	606.43	609.15	614.11	6042.80	6048.00	6047.00	6050.20
51102	796.99	797.29	798.23	802.21	6455.80	6461.30	6462.30	6462.90
51103	1830.42	1831.74	1831.68	1832.76	6042.80	6048.00	6047.00	6050.20
51104	1093.69	1094.31	1094.46	1096.70	6042.80	6048.00	6047.00	6050.20
51108	768.81	769.44	769.59	775.51	6455.80	6461.30	6462.30	6462.90
51109	1030.35	1029.13	1029.33	1032.03	6455.80	6461.30	6462.30	6462.90
51201	73.00	73.01	74.28	74.10	2113.10	2113.20	2113.20	2113.00
51202	97.67	102.82	102.83	102.92	1522.80	1599.90	1599.40	1599.20
51204	61.80	65.74	67.01	66.87	1054.10	1074.90	1074.50	1074.40
51301	607.45	619.89	627.36	640.58	4220.60	4318.50	4306.70	4287.20
51302	348.93	362.51	374.85	386.30	3206.00	3375.90	3372.50	3652.90
51303	708.56	713.84	719.22	727.87	4220.60	4318.50	4306.70	4287.20
51304	505.51	538.52	547.71	583.00	3273.90	3458.00	3457.70	3767.60
51305	575.67	582.90	593.66	609.47	4220.60	4318.50	4306.70	4287.20
51306	209.89	223.64	247.22	251.57	3773.40	3886.20	3880.50	3879.70
51401	498.83	497.65	498.26	502.12	2262.40	2254.20	2253.20	2248.90
51402	945.06	946.14	946.17	947.89	6604.00	6624.20	6624.00	6618.80
51501	688.00	688.79	689.65	693.22	4932.10	4940.80	4940.70	4943.40
51502	622.60	624.66	625.59	631.95	4932.10	4940.80	4940.70	4943.40
51503	594.91	595.78	596.81	600.44	4932.10	4940.80	4940.70	4943.40
51504	839.79	840.06	840.05	839.87	3517.60	3520.00	3519.80	3517.10
51505	826.88	827.27	827.24	826.80	3517.60	3520.00	3519.80	3517.10

51601	549.36	553.74	553.78	555.16	5092.40	5225.20	5224.70	5206.20
51602	583.18	584.78	585.32	588.38	3952.00	3974.90	3973.10	3963.50
51603	788.50	793.06	793.07	794.48	5092.40	5225.20	5224.70	5206.20
51604	600.02	602.42	603.82	622.50	3952.00	3974.90	3973.10	3963.50
51701	88.26	100.12	127.88	126.25	1253.80	1426.50	1843.60	1818.20
51702	950.41	955.07	955.89	962.20	5731.00	5828.10	5827.40	5832.60
51703	191.13	206.95	238.02	236.54	1292.10	1471.30	1905.60	1879.10
51704	997.87	1005.30	1006.11	1010.27	5731.00	5828.10	5827.40	5832.60
51802	928.74	934.25	935.19	938.42	4759.10	4859.10	4859.40	4859.60
51804	629.08	639.82	641.71	649.40	4759.10	4859.10	4859.40	4859.60
51901	1181.62	1183.66	1183.32	1189.74	10000.00	10000.00	10000.00	10000.00
51902	1088.73	1091.28	1091.02	1095.77	10000.00	10000.00	10000.00	10000.00
51903	674.70	677.32	677.13	684.21	10000.00	10000.00	10000.00	10000.00
51904	1063.40	1062.66	1062.66	1064.25	10000.00	10000.00	10000.00	10000.00
51905	959.10	963.51	963.86	966.47	10000.00	10000.00	10000.00	10000.00
51906	993.47	996.77	996.60	1007.65	10000.00	10000.00	10000.00	10000.00
52001	253.34	254.63	271.69	275.47	4393.70	4429.50	4421.20	4415.40
52002	358.21	358.94	358.96	364.28	10000.00	10000.00	10000.00	10000.00
52003	408.56	410.44	429.96	433.51	4393.70	4429.50	4421.20	4415.40
52004	224.83	228.13	236.30	236.69	10000.00	10000.00	10000.00	10000.00
52006	650.54	651.65	655.37	664.63	5745.90	5789.00	5785.20	5791.40
52101	324.90	331.45	331.79	333.08	3784.20	4409.60	4412.30	4409.00
52102	158.80	178.12	187.55	193.50	3357.50	4409.60	4412.30	4409.00
52201	756.03	756.88	756.68	756.68	3635.60	3654.80	3654.00	3654.00
52202	690.48	699.97	699.92	706.20	4941.10	5072.00	5072.00	5074.00
52203	655.97	657.03	657.04	657.04	3635.60	3654.80	3654.00	3654.00
52204	887.29	897.04	897.04	897.26	4941.10	5072.00	5072.00	5074.00
52401	126.79	127.21	132.26	136.76	3787.00	3781.40	4357.70	5042.80
52402	136.47	136.79	139.86	144.22	3428.90	3424.80	3873.50	4511.00
52403	168.10	170.02	175.10	183.89	3695.20	3690.10	4284.70	5288.70
52404	298.57	298.66	308.53	320.90	4168.10	4155.40	4855.00	5927.30
52501	657.81	658.75	659.19	661.31	2746.10	2749.40	2749.20	2744.60
52502	700.05	702.41	703.86	714.27	3634.90	3673.70	3680.20	3643.40
52503	542.45	544.17	546.74	560.62	3634.90	3673.70	3680.20	3643.40
52504	1116.27	1118.16	1118.17	1118.14	6804.90	6834.30	6834.40	6834.00
53101	423.16	424.03	423.99	426.09	7955.20	7973.80	7973.70	7959.60
53102	467.17	469.42	469.37	480.91	7955.20	7973.80	7973.70	7959.60
53301	273.02	278.12	278.12	278.40	881.30	911.30	911.30	913.70
53302	160.43	160.72	160.79	160.93	1407.40	1411.70	1411.00	1409.70
53501	187.31	188.66	199.85	202.15	5571.80	5576.50	5585.00	5583.40
53502	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
53601	289.97	291.04	290.77	293.82	1932.90	1968.80	1969.60	1960.50
53602	447.49	452.29	452.31	452.49	1932.90	1968.80	1969.60	1960.50
53801	836.93	845.89	845.89	845.79	5279.30	5403.60	5403.60	5402.40
53802	676.05	717.70	717.70	717.86	5279.30	5403.60	5403.60	5402.40
53803	365.25	368.15	368.19	372.46	10000.00	10000.00	10000.00	10000.00
53901	209.11	293.82	389.63	419.90	1965.20	2670.20	4203.90	5186.20
53902	240.96	312.03	376.42	396.43	1502.90	2669.50	4212.00	5193.20
53903	157.46	185.14	216.33	237.33	2267.00	2272.30	3296.40	4039.20
54001	230.53	236.00	236.14	237.20	1150.20	1190.60	1189.20	1182.20

54101	148.40	148.81	154.40	154.40	1638.60	1653.90	1653.50	1653.50
54201	670.17	670.83	673.37	673.90	10000.00	10000.00	10000.00	10000.00
54202	889.17	889.21	889.28	889.13	10000.00	10000.00	10000.00	10000.00
54203	583.70	584.01	584.00	585.75	10000.00	10000.00	10000.00	10000.00
54204	2547.49	2549.13	2549.13	2549.00	8796.90	8802.90	8802.90	8802.50
54205	1344.67	1347.45	1347.53	1348.20	6231.40	6247.10	6247.60	6251.40
54206	1342.50	1343.21	1343.21	1343.17	8796.90	8802.90	8802.90	8802.50
54501	646.52	646.57	647.90	648.51	3129.00	3129.30	3129.40	3128.90
54502	389.56	389.77	398.32	403.44	5996.50	5997.50	6003.20	6002.30
54503	624.18	624.19	627.59	628.92	5888.00	5889.20	5882.40	5876.80
54504	791.40	791.42	792.36	792.76	5996.50	5997.50	6003.20	6002.30
54505	779.58	779.73	785.18	787.94	5888.00	5889.20	5882.40	5876.80
54506	739.42	739.47	743.27	745.83	5996.50	5997.50	6003.20	6002.30
54601	119.18	97.98	113.33	111.84	2278.00	665.40	1257.20	953.40
54602	830.88	838.11	838.93	838.97	4889.90	4977.60	4986.00	4986.30
54603	940.83	949.03	949.92	949.97	4889.90	4977.60	4986.00	4986.30
54701	304.87	305.98	306.11	306.30	1180.40	1187.80	1189.40	1182.60
55001	181.85	185.60	191.31	200.15	2509.50	2543.80	2544.90	2687.70
55002	171.03	182.37	183.22	192.04	2509.50	2543.80	2544.90	2687.70
55003	721.67	724.64	724.66	725.58	6149.70	6151.10	6151.10	6151.00
55101	693.13	694.12	694.14	694.09	6361.60	6496.20	6495.00	6466.50
55102	916.32	916.24	916.24	917.27	10000.00	10000.00	10000.00	10000.00
55103	425.56	426.77	427.31	444.03	6361.60	6496.20	6495.00	6466.50
55104	900.64	902.16	902.34	904.12	4938.20	4954.70	4954.70	4953.50
55105	160.69	167.60	168.16	168.53	10000.00	10000.00	10000.00	10000.00
55401	651.36	652.10	652.10	652.43	2232.20	2235.30	2235.30	2239.00
55402	838.48	839.16	839.35	840.61	4237.10	4247.70	4247.90	4248.00
55405	0.00	0.00	0.00	0.00	Missing	Missing	Missing	Missing
55406	958.53	960.33	960.36	960.39	4237.10	4247.70	4247.90	4248.00
55407	406.93	407.55	407.55	407.73	2232.20	2235.30	2235.30	2239.00
55408	592.65	593.36	593.56	594.76	4237.10	4247.70	4247.90	4248.00
55501	1237.00	1238.71	1238.73	1238.43	5635.20	5644.70	5644.80	5643.10
55502	886.58	892.66	892.72	892.45	4105.30	4148.20	4148.60	4146.40
55503	1164.54	1166.04	1166.21	1166.44	5635.20	5644.70	5644.80	5643.10
55505	1878.40	1881.57	1881.60	1881.03	5635.20	5644.70	5644.80	5643.10
55507	759.53	759.95	760.89	760.94	5635.20	5644.70	5644.80	5643.10
55508	787.89	792.82	792.91	793.00	4105.30	4148.20	4148.60	4146.40
56501	536.36	535.85	539.28	548.93	7533.40	7562.10	7557.90	7552.70
56503	753.76	755.31	756.55	773.32	7533.40	7562.10	7557.90	7552.70
56504	321.81	323.12	324.45	336.67	7533.40	7562.10	7557.90	7552.70
56601	1040.95	1045.38	1045.38	1053.67	5464.60	5567.80	5567.80	5643.00
56602	881.76	888.04	888.04	887.75	4522.30	4573.10	4573.10	4570.60
56603	709.82	714.25	714.25	720.16	5464.60	5567.80	5567.80	5643.00
56604	872.16	877.68	877.68	877.47	4522.30	4573.10	4573.10	4570.60
56801	281.39	274.27	272.49	279.87	1555.50	1566.20	1566.90	1539.90
56802	324.01	329.25	340.88	345.14	2487.20	2565.20	2520.70	2499.10
57001	916.37	920.87	1090.36	1018.10	10000.00	10000.00	10000.00	10000.00
57002	94.97	95.96	101.21	104.50	661.80	697.90	719.20	754.20
57003	798.82	801.06	993.78	917.08	10000.00	10000.00	10000.00	10000.00
57004	79.65	79.03	80.91	80.79	648.80	655.80	671.60	691.60

57005	1563.46	1568.58	1711.94	1693.86	9610.60	9697.70	10000.00	10000.00
57006	580.54	580.69	806.07	1049.92	9758.50	9848.30	10000.00	10000.00
57007	3237.10	3266.73	3333.33	3333.33	9845.30	9937.30	10000.00	10000.00
57101	827.50	830.29	855.15	833.88	4478.30	4508.70	4434.80	4509.40
57102	772.42	774.19	915.21	789.21	5453.10	5489.90	5480.60	5494.80
57103	618.53	623.13	739.72	644.53	4478.30	4508.70	4434.80	4509.40
57104	298.30	301.47	302.73	301.52	10000.00	10000.00	10000.00	10000.00
57106	569.62	579.82	599.66	604.14	5492.90	5586.50	5573.70	5574.50
57201	1122.04	1124.44	1124.99	1134.95	7320.00	7360.80	7358.10	7366.40
57202	318.81	318.81	318.81	318.81	4509.70	4509.70	4509.70	4509.70
57203	766.21	767.89	768.68	773.05	7320.00	7360.80	7358.10	7366.40
57204	324.91	324.91	324.91	324.91	3695.90	3695.90	3695.90	3695.90
57205	490.48	490.93	494.63	498.20	7320.00	7360.80	7358.10	7366.40
57301	929.48	931.82	931.82	931.45	4642.00	4714.00	4714.40	4704.20
57302	386.99	387.69	388.03	387.97	Missing	Missing	Missing	Missing
57303	962.76	969.77	969.76	968.77	4642.00	4714.00	4714.40	4704.20
57304	339.97	347.14	348.66	351.28	4361.90	4456.60	4457.10	4450.50
57306	462.25	473.84	483.69	489.19	4361.90	4456.60	4457.10	4450.50
57401	259.71	296.43	302.41	306.33	4446.30	3884.90	4152.70	4208.40
57402	760.77	761.41	761.43	760.90	3943.60	3951.50	3951.80	3932.60
57403	80.99	81.63	81.08	82.70	1342.60	1370.60	1386.60	1449.60
57404	750.15	751.02	751.05	750.39	3943.60	3951.50	3951.80	3932.60
57501	473.78	486.57	499.96	501.92	6141.00	6213.80	6204.80	6205.60
57502	716.56	725.74	737.08	736.81	6078.70	6151.70	6142.60	6143.10
57503	947.80	954.82	969.02	970.40	6078.70	6151.70	6142.60	6143.10
57504	1344.70	1356.56	1365.41	1366.03	6141.00	6213.80	6204.80	6205.60
57505	459.19	462.59	478.72	477.21	Missing	Missing	Missing	Missing
57506	886.64	887.68	891.61	892.69	6078.70	6151.70	6142.60	6143.10
57601	719.09	725.29	727.89	734.69	7972.20	8137.20	8132.10	8112.10
57602	892.80	896.80	898.11	899.85	7972.20	8137.20	8132.10	8112.10
57603	853.54	859.50	860.29	861.40	7972.20	8137.20	8132.10	8112.10
57701	597.29	600.24	600.54	600.16	2468.10	2508.50	2510.70	2499.30
57702	477.90	481.67	481.91	484.73	2468.10	2508.50	2510.70	2499.30
57703	562.86	566.46	566.14	566.56	2450.40	2501.80	2494.30	2490.10
57704	677.35	681.87	681.39	681.30	2450.40	2501.80	2494.30	2490.10
58001	826.97	833.54	833.51	833.65	3093.40	3132.10	3131.90	3131.90
58002	548.89	549.91	550.00	550.23	6897.90	6919.90	6919.40	6912.70
58003	791.73	798.08	798.11	798.62	3093.40	3132.10	3131.90	3131.90
58004	994.94	996.35	996.32	995.99	6897.90	6919.90	6919.40	6912.70
58006	760.77	761.18	761.32	761.84	6897.90	6919.90	6919.40	6912.70
58101	324.34	330.94	335.27	335.27	6258.20	6330.10	6326.30	6326.30
58102	409.26	409.63	409.76	409.76	10000.00	10000.00	10000.00	10000.00
58201	422.82	426.24	426.16	426.48	1890.20	1915.80	1912.30	1916.60
58202	407.83	410.83	411.26	412.84	1890.20	1915.80	1912.30	1916.60
58203	272.85	273.98	273.98	273.98	1283.60	1295.20	1295.20	1295.20
58301	597.22	599.30	599.31	599.31	2918.30	2936.50	2936.40	2936.40
58302	628.17	631.22	631.22	631.22	2918.30	2936.50	2936.40	2936.40
58303	766.94	767.12	767.12	767.52	4297.90	4298.60	4298.60	4297.30
58304	980.97	981.10	981.10	980.87	4297.90	4298.60	4298.60	4297.30
58401	297.75	304.50	308.62	312.02	5385.80	5444.00	5431.80	5423.40

58402	259.46	260.87	264.48	271.03	5385.80	5444.00	5431.80	5423.40
58701	834.33	842.76	843.96	851.27	5619.50	5676.30	5675.80	5672.20
58702	1003.78	1009.31	1009.36	1010.34	4948.70	4998.50	4998.10	4994.50
58703	1005.77	1013.62	1013.54	1012.99	4948.70	4998.50	4998.10	4994.50
58704	942.86	945.25	945.23	945.12	5619.50	5676.30	5675.80	5672.20
58705	749.11	753.06	753.37	754.78	5619.50	5676.30	5675.80	5672.20
58706	854.34	856.52	856.58	857.72	4948.70	4998.50	4998.10	4994.50
58801	1280.52	1281.43	1281.53	1280.85	5050.60	5055.30	5055.80	5052.20
58802	1020.04	1020.72	1020.79	1020.29	5050.60	5055.30	5055.80	5052.20
58803	564.44	564.59	564.95	563.09	1894.50	1895.90	1899.90	1894.30
59001	1028.22	1030.71	1030.93	1031.51	5752.80	5785.90	5788.50	5780.70
59002	582.34	584.14	584.36	584.96	5752.80	5785.90	5788.50	5780.70
59003	605.01	606.37	606.57	607.51	5752.80	5785.90	5788.50	5780.70
59101	177.24	199.32	199.56	200.75	9255.80	9333.90	9332.50	9322.40
59102	379.66	381.09	382.11	383.17	4605.30	4653.30	4645.90	4637.30
59201	514.12	518.51	519.18	519.06	2348.20	2389.50	2390.00	2387.10
59202	241.54	245.73	250.69	250.77	2348.20	2389.50	2390.00	2387.10
59301	400.02	403.95	404.27	405.18	2605.20	2653.20	2653.40	2656.00
59302	289.65	296.00	298.32	300.43	2605.20	2653.20	2653.40	2656.00
59401	136.95	137.94	141.76	141.76	2502.40	2511.70	2516.40	2516.40
59402	220.33	220.77	221.08	221.76	1103.70	1109.00	1111.10	1115.60
60101	113.84	117.50	122.82	117.35	1814.00	1907.20	1906.20	1830.30
60102	1001.21	1001.85	1001.57	1003.30	10000.00	10000.00	10000.00	10000.00
60103	667.23	667.23	667.26	667.24	3174.00	3174.00	3174.00	3174.00
60104	482.59	482.59	482.60	482.60	3174.00	3174.00	3174.00	3174.00
60105	720.09	720.09	720.10	720.09	3174.00	3174.00	3174.00	3174.00
60201	213.31	213.90	213.26	213.81	3239.70	3249.40	3237.00	3248.80
60301	158.32	165.22	166.63	173.17	5717.50	5723.10	5723.50	5725.30
60302	920.00	920.00	920.00	920.00	4021.70	4021.70	4021.70	4021.70
60303	1199.46	1200.41	1200.47	1200.78	5717.50	5723.10	5723.50	5725.30
60305	552.71	554.00	554.02	554.10	5717.50	5723.10	5723.50	5725.30
60306	1340.57	1340.57	1340.57	1340.57	4021.70	4021.70	4021.70	4021.70
60401	1320.01	1320.59	1320.61	1320.88	4305.70	4307.90	4308.00	4309.00
60402	891.73	891.99	892.03	892.22	4295.30	4297.50	4297.70	4298.60
60403	1249.72	1250.24	1250.26	1250.49	4305.70	4307.90	4308.00	4309.00
60404	1110.93	1111.45	1111.48	1111.72	4305.70	4307.90	4308.00	4309.00
60406	963.26	963.59	963.62	963.75	4295.30	4297.50	4297.70	4298.60
60501	500.98	505.33	508.35	509.50	7532.50	7588.80	7591.30	7585.30
60502	265.97	410.66	440.66	447.42	7532.50	7588.80	7591.30	7585.30
60504	751.22	750.14	753.34	755.47	10000.00	10000.00	10000.00	10000.00
60602	982.01	1011.03	1011.28	1011.74	3589.60	3757.60	3758.80	3757.80
60603	943.53	973.76	974.02	973.94	3589.60	3757.60	3758.80	3757.80
60604	704.69	724.63	725.66	727.35	3589.60	3757.60	3758.80	3757.80
60605	612.20	616.84	618.48	631.61	10000.00	10000.00	10000.00	10000.00
60701	387.22	396.97	397.46	398.48	1568.70	1623.30	1620.30	1628.90
60801	0.00	6.30	52.65	61.78	Missing	Missing	Missing	Missing
60802	45.86	45.89	46.01	47.01	86.00	86.80	86.50	85.40
60803	61.38	61.37	61.26	64.54	754.20	754.20	754.20	754.90
60901	99.39	92.23	127.01	135.59	3691.30	3733.10	3732.00	3736.80
60902	2.26	2.34	2.39	2.41	219.10	220.40	215.50	221.70

60903	80.04	73.98	116.89	123.71	3691.30	3733.10	3732.00	3736.80
60904	5.75	5.69	11.28	13.20	197.90	199.10	117.40	200.30
61001	713.36	715.51	715.75	716.42	4475.20	4517.00	4514.70	4513.20
61002	863.77	869.53	870.92	871.19	4762.60	4812.70	4815.30	4815.10
61004	991.09	996.07	998.27	998.34	4762.60	4812.70	4815.30	4815.10
61005	1206.49	1213.60	1213.86	1214.47	4475.20	4517.00	4514.70	4513.20
61101	221.65	225.38	225.38	272.05	10000.00	10000.00	10000.00	10000.00
61102	784.14	783.39	783.40	788.67	10000.00	10000.00	10000.00	10000.00
61103	654.80	655.97	655.97	665.71	10000.00	10000.00	10000.00	10000.00
61201	635.82	640.83	640.79	640.79	2563.40	2598.40	2597.80	2597.70
61202	468.02	477.12	477.85	488.86	5362.60	5380.60	5380.00	5376.70
61301	161.22	193.44	208.82	225.10	3178.00	3286.00	3360.60	3308.80
61302	25.95	24.35	34.09	31.30	588.50	603.20	696.20	693.40
61303	105.99	111.70	128.85	125.30	4457.40	5912.80	7094.40	6662.10
61304	93.27	95.91	97.23	99.45	1623.20	1647.10	1647.40	1645.90
61305	12.93	13.21	15.66	11.56	541.80	555.40	630.40	570.20
61306	128.12	132.33	149.31	147.08	618.40	634.20	714.50	708.60
61401	745.05	745.02	745.06	745.02	10000.00	10000.00	10000.00	10000.00
61402	379.15	380.35	381.44	381.88	10000.00	10000.00	10000.00	10000.00
61404	498.48	498.76	502.05	508.71	6398.30	6404.40	6399.40	6400.60
61501	1586.48	1586.53	1586.59	1588.00	10000.00	10000.00	10000.00	10000.00
61502	709.51	713.79	715.04	722.36	8563.80	8639.90	8637.30	8646.90
61503	922.83	920.09	922.54	926.71	8563.80	8639.90	8637.30	8646.90
61504	571.71	571.68	572.12	574.28	5103.20	5112.40	5101.90	5096.60
61505	523.54	528.24	531.47	539.42	8563.80	8639.90	8637.30	8646.90
61506	750.03	750.19	751.11	754.19	5103.20	5112.40	5101.90	5096.60
61701	672.54	673.33	673.36	672.76	3647.20	3658.00	3657.90	3651.50
61702	1293.91	1293.84	1293.84	1293.92	10000.00	10000.00	10000.00	10000.00
61703	489.34	489.51	492.62	495.00	3647.20	3658.00	3657.90	3651.50
61704	971.76	970.82	970.82	971.91	10000.00	10000.00	10000.00	10000.00
61706	1490.73	1490.72	1490.72	1491.71	10000.00	10000.00	10000.00	10000.00
61801	277.39	281.59	283.94	288.62	4198.50	4274.60	4269.40	4255.20
61802	562.26	568.36	571.01	578.45	4198.50	4274.60	4269.40	4255.20
61803	921.88	932.12	931.44	929.54	4198.50	4274.60	4269.40	4255.20
62101	141.41	143.99	153.41	198.03	970.80	998.90	1000.60	1087.40
62102	57.95	65.25	95.12	91.35	1850.70	1866.50	6192.50	1987.00
62103	80.57	82.79	114.53	146.42	379.60	379.90	2779.60	679.80
62104	22.07	22.12	57.71	99.25	810.00	812.50	4059.70	899.00
62105	389.87	408.87	407.71	415.17	10000.00	10000.00	10000.00	10000.00
62106	1198.44	1202.63	1203.09	1213.87	10000.00	10000.00	10000.00	10000.00
62601	592.32	602.95	606.76	613.29	6072.40	6144.60	6173.50	6224.30
62602	393.96	394.71	394.64	395.07	1350.70	1358.60	1358.60	1358.40
62604	133.95	134.11	134.31	132.75	4171.90	4166.20	4166.30	4173.40
62605	323.96	425.84	431.23	430.57	2204.00	5767.60	6620.10	7587.20
62606	151.47	153.52	154.94	156.62	2017.50	2017.50	2192.90	2017.40
62607	238.31	238.69	237.21	232.10	5183.30	5284.90	5334.30	5342.10
63201	459.83	460.62	460.62	460.94	10000.00	10000.00	10000.00	10000.00
63202	881.45	882.74	882.83	882.90	4084.70	4098.40	4098.90	4101.30
63203	211.74	213.44	214.98	224.13	1401.90	1405.40	1405.90	1409.20
63204	260.38	264.21	270.06	272.94	1401.90	1405.40	1405.90	1409.20

63205	1331.10	1335.33	1335.49	1336.22	4084.70	4098.40	4098.90	4101.30
63301	860.45	862.58	863.01	863.35	6048.60	6090.30	6087.50	6093.00
63302	647.85	655.86	656.93	657.08	6048.60	6090.30	6087.50	6093.00
63303	879.07	883.14	884.29	884.57	6498.80	6543.90	6548.40	6543.40
63304	547.54	552.43	553.58	554.51	6498.80	6543.90	6548.40	6543.40
63305	550.21	552.58	557.82	557.85	6498.80	6543.90	6548.40	6543.40
63306	425.25	430.25	433.27	433.27	6048.60	6090.30	6087.50	6093.00
63401	336.83	338.11	338.11	337.27	2733.40	2739.60	2739.60	2738.30
63402	355.74	356.59	356.49	356.66	10000.00	10000.00	10000.00	10000.00
63403	173.23	173.75	174.61	174.10	10000.00	10000.00	10000.00	10000.00
63404	326.77	326.92	326.92	328.39	2733.40	2739.60	2739.60	2738.30
63501	45.73	46.07	46.09	46.32	507.20	511.50	511.40	508.70
63601	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
63602	422.18	423.50	423.64	428.54	2691.50	2702.00	2701.70	2694.30
63801	121.00	168.94	181.55	200.71	4339.00	4580.60	4601.70	4611.20
63802	22.88	32.06	38.77	55.28	3324.70	3780.90	3764.10	3754.20
63803	256.98	333.90	346.73	416.57	4473.30	4580.60	4601.70	4611.20
63804	711.93	776.00	794.58	835.24	3714.50	3780.90	3764.10	3754.20
64101	339.35	339.75	342.18	344.18	1612.30	1614.30	1614.50	1613.30
64201	377.03	376.28	374.45	375.06	9385.10	9427.50	9431.70	9421.70
64202	166.27	170.08	168.55	165.13	9385.10	9427.50	9431.70	9421.70
64203	938.84	942.26	943.18	945.94	9385.10	9427.50	9431.70	9421.70
64204	291.21	290.51	292.88	291.81	9385.10	9427.50	9431.70	9421.70
64301	355.11	362.68	362.96	412.72	2615.40	2609.20	2609.70	2635.50
64302	414.99	416.10	415.96	415.61	3341.10	3345.30	3345.20	3337.30
64303	351.05	366.99	368.53	420.34	1296.60	1403.60	1407.90	2131.10
64304	231.64	231.81	231.94	232.83	3341.10	3345.30	3345.20	3337.30
64305	153.90	158.34	158.57	189.91	2733.30	2762.00	2764.10	2907.50
64401	439.67	445.70	451.58	459.56	2326.90	2381.10	2393.90	2391.80
64402	488.95	490.64	490.64	488.77	2165.70	2176.50	2176.40	2161.70
64403	624.70	633.18	640.60	646.87	2326.90	2381.10	2393.90	2391.80
64404	537.89	539.67	539.66	537.89	2165.70	2176.50	2176.40	2161.70
64501	323.70	327.40	329.08	335.14	10000.00	10000.00	10000.00	10000.00
64502	348.58	362.28	362.28	341.63	10000.00	10000.00	10000.00	10000.00
64503	572.10	577.13	596.01	595.77	10000.00	10000.00	10000.00	10000.00
64601	342.00	342.60	351.04	360.29	4886.10	4892.70	4868.90	4865.90
64602	981.48	982.10	980.69	983.21	4886.10	4892.70	4868.90	4865.90
64603	712.30	712.78	714.37	715.37	4050.80	4056.30	4086.70	4083.20
64604	933.81	934.58	939.26	939.60	4050.80	4056.30	4086.70	4083.20
64605	574.69	575.10	575.58	579.22	4050.80	4056.30	4086.70	4083.20
64701	169.80	171.67	171.57	184.41	7767.20	7842.90	7837.30	8562.60
64702	2.31	2.31	2.31	2.31	755.90	755.90	755.90	755.90
64703	78.51	78.51	78.51	78.54	712.60	712.30	712.40	712.40
64704	533.98	535.97	535.87	550.79	10000.00	10000.00	10000.00	10000.00
64801	0.00	23.20	33.07	23.47	0.00	182.40	281.50	185.20
64802	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
64901	798.58	802.29	803.97	824.19	3348.40	3366.00	3365.00	3350.60
64902	566.18	569.99	569.99	580.10	3467.90	3490.70	3490.70	3491.00
64903	552.96	553.59	553.59	556.71	3467.90	3490.70	3490.70	3491.00
64904	562.15	564.62	565.42	593.54	3348.40	3366.00	3365.00	3350.60

65001	862.51	866.16	866.64	866.77	5214.60	5260.80	5265.40	5261.70
65002	745.44	747.10	747.05	747.39	5142.40	5188.70	5182.80	5189.40
65003	774.08	776.78	776.51	776.75	5142.40	5188.70	5182.80	5189.40
65004	760.18	763.23	763.66	766.32	5214.60	5260.80	5265.40	5261.70
65005	806.59	809.42	809.64	809.59	5142.40	5188.70	5182.80	5189.40
65301	580.96	580.96	580.96	580.96	2246.60	2246.60	2246.60	2246.60
65302	369.44	369.44	368.58	368.67	1164.80	1164.80	1159.40	1160.30
65303	360.52	360.52	360.71	360.67	1164.80	1164.80	1159.40	1160.30
65401	357.88	362.10	361.34	373.80	4171.80	4271.90	4274.20	4271.00
65402	717.97	728.78	729.38	745.97	4171.80	4271.90	4274.20	4271.00
65501	451.85	453.14	453.21	453.42	1436.90	1441.60	1442.00	1442.70
65502	90.23	90.23	90.26	90.39	1326.20	1326.20	1326.10	1326.10
65503	66.86	66.86	67.27	67.10	893.80	893.80	985.30	980.30
65504	478.97	480.53	480.67	480.90	1436.90	1441.60	1442.00	1442.70
65601	502.13	517.39	516.20	523.89	2248.80	2248.80	2248.80	2248.80
65602	26.69	26.82	26.81	27.21	231.00	231.40	231.40	233.30
65603	0.84	1.08	1.14	1.14	100.00	100.00	100.00	100.00
65701	726.45	727.79	728.03	734.80	4575.80	4605.90	4606.10	4621.20
65702	603.78	611.97	612.17	613.40	2558.60	2623.00	2623.20	2626.40
65703	703.40	705.41	706.34	713.79	4575.80	4605.90	4606.10	4621.20
65801	904.08	905.33	906.21	909.29	5832.80	5857.10	5857.30	5863.70
65802	804.32	805.11	805.11	805.95	4471.50	4479.10	4479.10	4473.90
65803	802.58	803.07	803.09	804.54	4471.50	4479.10	4479.10	4473.90
65804	886.36	890.91	893.76	901.16	5832.80	5857.10	5857.30	5863.70
65901	643.37	666.72	668.38	697.20	9204.90	9585.60	9584.90	9555.50
65902	429.74	437.85	437.84	437.88	10000.00	10000.00	10000.00	10000.00
65903	1064.39	1084.80	1084.85	1088.66	9204.90	9585.60	9584.90	9555.50
65904	610.23	613.34	613.34	614.68	10000.00	10000.00	10000.00	10000.00
66001	646.71	660.65	662.90	662.83	4657.60	4801.70	4805.80	4805.70
66002	781.17	789.51	790.15	790.14	4657.60	4801.70	4805.80	4805.70
66102	95.33	110.19	175.90	175.90	1497.00	1534.80	2408.10	2408.10
66103	351.75	352.48	353.44	353.87	1391.40	1391.40	1391.40	1391.40
66201	857.18	858.96	858.96	860.17	6653.00	6695.10	6695.10	6683.80
66202	1001.78	1003.89	1003.89	1005.80	6653.00	6695.10	6695.10	6683.80
66203	1006.02	1009.13	1009.13	1010.85	6653.00	6695.10	6695.10	6683.80
66301	2.81	2.81	2.82	2.82	302.50	302.30	302.30	302.30
66302	3.17	3.33	3.34	3.37	1408.00	1477.60	1479.00	1493.50
66303	143.38	143.52	134.33	142.79	3263.00	3417.00	3420.40	3455.10
66401	747.96	748.02	748.02	748.25	10000.00	10000.00	10000.00	10000.00
66402	1026.92	1027.12	1027.12	1027.19	10000.00	10000.00	10000.00	10000.00
66501	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
66502	313.77	323.42	328.14	342.30	4163.70	4219.00	4202.00	4196.00
66503	343.58	344.94	347.55	356.34	4163.70	4219.00	4202.00	4196.00
66504	121.00	155.84	185.53	142.04	1398.50	10000.00	10000.00	1576.00
66505	563.83	566.28	565.55	568.78	4163.70	4219.00	4202.00	4196.00
66701	666.14	672.50	675.09	673.36	6942.40	7017.20	7018.80	6972.10
66702	816.55	820.59	821.86	817.85	6942.40	7017.20	7018.80	6972.10
66703	348.52	349.95	349.66	353.71	6942.40	7017.20	7018.80	6972.10
66901	108.97	128.25	115.20	122.37	1525.00	1685.00	1655.00	1815.00
66902	118.17	128.82	127.02	137.04	1715.00	1885.00	1855.00	2035.00

66903	104.50	113.73	112.17	122.23	1698.10	1875.00	1845.00	2025.00
67001	774.76	795.08	795.12	794.95	2510.40	2621.00	2621.00	2614.60
67002	635.16	652.49	652.52	651.04	2510.40	2621.00	2621.00	2614.60
67003	105.31	105.47	105.47	105.46	607.60	606.80	606.80	606.80
67004	55.35	55.32	55.32	55.34	355.80	355.60	355.70	355.50
67005	885.47	885.50	885.50	886.07	10000.00	10000.00	10000.00	10000.00
67101	79.58	79.59	79.59	79.58	1318.10	1318.10	1318.10	1318.10
67102	725.60	727.15	727.21	727.56	10000.00	10000.00	10000.00	10000.00
67103	483.97	485.44	486.38	489.55	5971.20	6008.30	6006.50	6001.20
67104	1001.89	1003.55	1003.71	1003.90	5971.20	6008.30	6006.50	6001.20
67105	786.62	790.65	792.06	793.58	5971.20	6008.30	6006.50	6001.20
67106	130.76	130.73	130.69	130.68	788.00	787.50	788.80	787.50
67201	279.59	283.55	287.10	289.99	3406.30	3415.20	3409.40	3395.30
67202	63.72	97.74	98.17	99.73	730.70	734.80	732.90	733.10
67203	412.56	414.33	415.15	413.79	3406.30	3415.20	3409.40	3395.30
67204	74.30	90.35	103.98	108.89	627.10	627.00	654.80	687.60
67301	568.11	569.90	570.45	570.45	3713.10	3758.10	3758.10	3758.10
67302	567.30	571.28	572.11	572.11	3713.10	3758.10	3758.10	3758.10
67303	763.77	765.58	766.23	768.88	4838.00	4857.00	4858.90	4860.40
67304	607.89	608.32	608.95	612.99	4838.00	4857.00	4858.90	4860.40
67305	1093.88	1096.65	1096.92	1097.07	4838.00	4857.00	4858.90	4860.40
67401	34.97	49.30	59.29	90.87	2338.80	2763.50	3111.90	3504.40
67402	109.19	138.53	156.48	171.31	2536.30	3004.30	3396.50	3504.40
67501	13.65	14.81	18.22	19.52	358.50	419.80	450.30	469.60
67502	398.65	398.75	402.99	402.55	3702.70	3703.40	3701.30	3700.20
67503	568.91	568.95	568.96	569.43	3702.70	3703.40	3701.30	3700.20
67504	159.18	159.56	163.30	164.63	951.30	954.60	977.70	1019.60
67505	98.93	100.51	124.95	147.05	631.70	631.60	638.80	663.60
67601	371.19	384.14	384.73	428.66	4625.00	4706.20	4706.10	4694.80
67602	739.00	743.66	743.65	743.71	4625.00	4706.20	4706.10	4694.80
67603	225.62	225.14	229.94	230.59	3478.50	3480.60	3484.90	3492.10
67604	553.31	552.76	557.15	556.82	3478.50	3480.60	3484.90	3492.10
67605	31.57	31.16	72.10	76.57	300.40	285.50	5179.30	520.60
67701	199.98	213.82	218.27	222.84	3009.50	4552.10	2304.10	2624.90
67702	111.82	133.87	138.84	147.54	3261.80	2502.90	2473.40	2821.30
67703	240.10	277.81	286.97	294.84	3273.00	2536.10	2518.70	2893.20
67801	359.39	428.77	531.81	555.90	3721.60	4477.10	5181.20	5546.90
67802	260.76	276.14	353.65	399.83	3749.40	4594.80	5396.60	5534.90
67803	177.02	205.06	272.11	297.51	3739.90	4485.80	5192.20	5534.90
67804	50.20	65.23	109.24	134.62	3730.60	4487.90	5206.30	5546.90
67805	75.66	81.45	152.06	173.65	3340.90	3996.10	4616.90	4990.40
67901	553.84	554.50	555.67	556.31	2497.80	2497.90	2497.80	2497.70
67902	526.76	526.84	527.47	528.00	2497.80	2497.90	2497.80	2497.70
67903	913.82	925.16	925.00	925.13	4816.50	4895.50	4894.10	4896.50
67904	1082.00	1088.10	1088.11	1089.67	4816.50	4895.50	4894.10	4896.50
67905	1408.82	1429.61	1429.24	1429.86	4816.50	4895.50	4894.10	4896.50
67906	616.70	616.70	616.70	616.70	1850.10	1850.10	1850.10	1850.10

Timestamp	Number of DER Actions	Number of Capacitor Actions	Preplan Violation Count	Postplan Violation Count	Count of Violations Resolved	Preplan Average Voltage Violation	Postplan Average Voltage Violation	Delta Average Voltage Violation	Preplan Power Factor	Postplan Power Factor	Delta Power Factor
2023-03-23T14:32:25	1	0	98	93	5	1.0581	1.0579	-0.0002	0.9991	0.9991	0.0000
2023-03-23T15:06:18	1	0	153	150	3	1.0561	1.0560	-0.0001	0.9731	0.9729	0.0002
2023-03-23T15:35:36	1	0	2	1	1	1.0507	1.0452	-0.0055	0.9754	0.9752	0.0002
2023-03-24T10:21:26	1	0	6	6	0	1.0518	1.0515	-0.0003	-0.8368	-0.8367	-0.0001
2023-03-25T14:13:05	1	0	3	3	0	0.9610	0.9609	-0.0002	0.9556	0.9532	0.0024
2023-03-25T14:23:27	1	0	29	29	0	1.0493	1.0492	-0.0001	-0.9994	-0.9994	0.0000
2023-03-25T14:24:56	1	0	5	5	0	1.0478	1.0478	0.0000	0.9991	0.999	0.0001
2023-03-25T14:25:20	1	0	4	4	0	1.0617	1.0616	-0.0001	-0.8667	-0.8752	0.0085
2023-03-25T14:26:21	1	0	16	16	0	1.0566	1.0566	0.0000	0.999	0.999	0.0000
2023-03-26T09:54:07	1	0	3	3	0	0.9647	0.9646	-0.0001	0.9621	0.9595	0.0026
2023-03-26T11:35:35	1	0	267	267	0	1.0680	1.0680	0.0000	0.9558	0.9556	0.0002
2023-03-26T13:11:27	1	0	3	3	0	1.0468	1.0464	-0.0004	-0.9929	-0.993	0.0001
2023-03-27T09:22:10	1	0	12	12	0	1.0259	1.0260	0.0001	0.9995	0.9995	0.0000
2023-03-27T10:00:42	1	0	51	51	0	1.0546	1.0545	-0.0001	0.9996	0.9996	0.0000
2023-03-28T07:53:18	1	0	127	127	0	0.9355	0.9355	0.0000	-0.993	-0.9924	-0.0006
2023-03-28T09:50:47	1	0	309	309	0	0.8266	0.8270	0.0003	0.8329	0.8331	-0.0002
2023-03-28T10:00:44	1	0	60	59	1	1.0531	1.0531	0.0000	0.998	0.9979	0.0001
2023-03-28T10:22:26	1	0	3	3	0	1.0534	1.0534	0.0000	0.9847	0.9847	0.0000
2023-03-28T11:25:05	1	0	12	12	0	1.0512	1.0512	-0.0001	0.9996	0.9995	0.0001
2023-03-28T12:10:38	1	0	24	23	1	1.0468	1.0464	-0.0004	0.9999	0.9999	0.0000
2023-03-28T12:49:26	1	0	2	2	0	0.9439	0.9439	0.0000	0.9703	0.9704	-0.0001
2023-03-29T08:27:20	1	0	74	73	1	0.9417	0.9421	0.0003	0.9938	0.9932	0.0006
2023-03-29T09:47:48	1	0	80	79	1	1.0576	1.0576	0.0000	0.9984	0.9984	0.0000
2023-03-29T10:03:50	1	0	9	8	1	1.0521	1.0511	-0.0010	0.9711	0.971	0.0001
2023-03-29T10:06:04	1	0	67	61	6	1.0542	1.0539	-0.0003	0.9998	0.9998	0.0000
2023-03-29T10:09:02	1	0	1	1	0	0.9383	0.9388	0.0006	0.9859	0.9862	-0.0003
2023-03-29T12:57:39	1	0	6	6	0	1.0552	1.0551	-0.0001	0.9228	0.9228	0.0000
2023-03-30T09:48:20	1	0	95	91	4	1.0597	1.0595	-0.0001	0.998	0.9979	0.0001
2023-03-30T10:37:37	1	0	38	38	0	1.0597	1.0597	0.0000	0.9885	0.9884	0.0001
2023-03-30T14:12:59	1	0	1	1	0	0.9099	0.9099	0.0000	-1	-1	0.0000
2023-03-30T16:03:47	1	0	258	258	0	1.0599	1.0599	0.0000	0.9987	0.9987	0.0000
2023-03-30T16:18:48	1	0	384	384	0	1.0611	1.0611	0.0000	0.9992	0.9992	0.0000
2023-03-31T09:35:32	1	0	69	69	0	1.0541	1.0541	0.0000	0.9954	0.9954	0.0000
2023-03-31T09:46:00	1	0	68	68	0	1.0581	1.0580	-0.0001	0.9974	0.9974	0.0000
2023-03-31T09:57:27	1	0	1	1	0	1.0555	1.0551	-0.0004	0.9993	0.9993	0.0000
2023-03-31T11:31:07	1	0	149	122	27	1.0597	1.0592	-0.0005	0.9974	0.9973	0.0001
2023-04-01T14:11:35	1	0	171	171	0	1.0534	1.0534	0.0000	1	1	0.0000
2023-04-02T09:54:18	1	0	3	3	0	0.9634	0.9633	-0.0001	0.9533	0.9506	0.0027
2023-04-02T09:54:37	1	0	314	311	3	1.0720	1.0719	-0.0001	0.9779	0.9778	0.0001
2023-04-02T10:47:34	1	0	2	2	0	1.0683	1.0679	-0.0004	-0.6434	-0.6475	0.0041
2023-04-02T11:06:01	1	0	360	353	7	1.0766	1.0765	-0.0001	-0.9685	-0.9685	0.0000
2023-04-02T11:52:36	1	0	2	2	0	1.0841	1.0840	-0.0002	0.9998	0.9998	0.0000
2023-04-02T13:24:08	1	0	40	40	0	1.0506	1.0505	-0.0001	-0.9614	-0.9609	-0.0005
2023-04-02T14:29:43	1	0	155	152	3	0.9023	0.9027	0.0004	0.8712	0.8716	-0.0004
2023-04-03T09:49:19	1	0	4	4	0	0.9443	0.9450	0.0008	0.9207	0.9215	-0.0008
2023-04-03T09:59:05	1	0	88	86	2	1.0583	1.0582	0.0000	0.9957	0.9956	0.0001
2023-04-03T11:05:02	1	0	77	76	1	1.0554	1.0554	0.0000	0.9702	0.9702	0.0000
2023-04-03T13:46:40	1	0	2	2	0	0.9922	0.9902	-0.0019	0.9938	0.9938	0.0000
2023-04-04T09:46:15	2	0	75	72	3	1.0566	1.0565	-0.0001	0.9993	0.9993	0.0000
2023-04-04T11:21:16	1	0	198	195	3	1.0617	1.0616	0.0000	0.9422	0.9417	0.0005
2023-04-05T09:31:46	1	0	198	197	1	1.0607	1.0606	-0.0001	0.9999	0.9999	0.0000
2023-04-05T09:46:47	1	0	67	65	2	1.0569	1.0568	-0.0001	0.9991	0.9991	0.0000
2023-04-05T09:55:00	1	0	3	3	0	0.9639	0.9637	-0.0001	0.948	0.9447	0.0033
2023-04-05T14:22:09	1	0	13	13	0	1.0490	1.0489	-0.0001	0.9183	0.9181	0.0002
2023-04-06T09:46:42	3	0	215	199	16	1.0610	1.0608	-0.0001	0.9997	0.9996	0.0001
2023-04-06T09:54:18	1	0	18	18	0	1.0276	1.0276	0.0001	0.9999	0.9999	0.0000
2023-04-06T09:54:53	2	0	1	1	0	0.9404	0.9409	0.0005	0.9803	0.9806	-0.0003
2023-04-06T11:16:56	1	0	35	34	1	1.0524	1.0521	-0.0003	0.9986	0.9986	0.0000
2023-04-07T11:02:19	1	0	118	118	0	1.0522	1.0522	0.0000	0.9781	0.9779	0.0002
2023-04-07T11:34:47	1	0	2	2	0	1.0570	1.0561	-0.0009	0.9662	0.9657	0.0005
2023-04-07T14:04:25	1	0	2	1	1	1.0551	1.0550	-0.0001	0.9694	0.9693	0.0001
2023-04-08T08:32:25	1	0	276	273	3	1.0561	1.0561	0.0000	0.9995	0.9995	0.0000
2023-04-08T11:40:46	1	0	6	6	0	1.0513	1.0512	-0.0001	-1	-1	0.0000
2023-04-09T08:19:20	1	0	81	80	1	0.9612	0.9614	0.0002	0.9998	0.9997	0.0001
2023-04-09T09:35:48	1	0	2	2	0	0.9856	0.9856	0.0000	0.9636	0.9637	-0.0001
2023-04-09T09:57:50	1	0	8	8	0	1.0474	1.0474	-0.0001	-0.9985	-0.9986	0.0001
2023-04-09T13:30:01	1	0	2	2	0	1.0609	1.0607	-0.0002	-0.9484	-0.9484	0.0000
2023-04-09T13:40:21	1	0	417	418	-1	1.0724	1.0724	0.0000	0.9832	0.9832	0.0000
2023-04-09T14:11:58	1	0	43	44	-1	1.0495	1.0494	-0.0001	0.9944	0.9944	0.0000
2023-04-09T14:51:52	1	0	1	1	0	1.0582	1.0573	-0.0009	-0.9998	-0.9998	0.0000
2023-04-10T09:46:07	2	0	690	672	18	1.0718	1.0716	-0.0002	-0.9995	-0.9996	0.0001
2023-04-10T09:52:46	1	0	66	65	1	1.0528	1.0527	0.0000	0.997	0.997	0.0000
2023-04-10T10:31:10	1	0	660	629	31	1.0700	1.0698	-0.0002	-0.9991	-0.9991	0.0000
2023-04-12T09:46:22	3	0	284	271	13	1.0622	1.0620	-0.0001	1	1	0.0000
2023-04-12T09:50:26	1	0	303	301	2	1.0570	1.0570	0.0000	0.967	0.9669	0.0001
2023-04-12T11:48:09	1	0	2	2	0	0.9992	0.9991	-0.0002	-1	-1	0.0000
2023-04-12T14:39:04	1	0	421	420	1	0.9187	0.9193	0.0005	0.9894	0.9895	-0.0001
2023-04-14T10:32:39	1	0	80	77	3	1.0566	1.0565	-0.0001	0.9997	0.9997	0.0000
2023-04-14T10:35:50	1	0	17	17	0	1.0503	1.0502	-0.0001	0.9102	0.9099	0.0003
2023-04-17T10:05:26	1	0	7	7	0	1.0509	1.0507	-0.0003	-0.6472	-0.6471	-0.0001
2023-04-18T09:56:27	1	0	1	1	0	0.9380	0.9389	0.0009	0.9958	0.9959	-0.0001

2023-04-18T13:16:58	1	0	56	55	1	1.0579	1.0578	-0.0001	0.9986	0.9984	0.0002
2023-04-18T14:23:41	1	0	1	1	0	1.0624	1.0620	-0.0004	0.9898	0.9897	0.0001
2023-04-19T09:46:00	3	0	87	80	7	1.0579	1.0576	-0.0003	0.9983	0.9982	0.0001
2023-04-19T09:47:02	1	0	272	264	8	1.0560	1.0560	-0.0001	0.9846	0.9845	0.0001
2023-04-19T12:59:45	1	0	7	7	0	1.0446	1.0444	-0.0002	0.9549	0.9544	0.0005
2023-04-19T13:07:52	1	0	3	3	0	1.0737	1.0729	-0.0007	0.9749	0.9748	0.0001
2023-04-20T09:46:32	2	0	50	49	1	1.0544	1.0543	-0.0001	0.9981	0.998	0.0001
2023-04-20T09:47:37	1	0	636	634	2	1.0594	1.0594	0.0000	1	1	0.0000
2023-04-20T09:54:47	3	0	29	23	6	0.9413	0.9420	0.0007	0.9842	0.9845	-0.0003
2023-04-20T09:54:58	1	0	3	3	0	0.9654	0.9653	-0.0001	0.9388	0.9351	0.0037
2023-04-20T12:06:59	1	0	3	3	0	1.0578	1.0577	-0.0002	-0.9948	-0.9948	0.0000
2023-04-20T15:07:02	1	0	21	21	0	1.0537	1.0537	0.0000	-0.5927	-0.5915	-0.0012
2023-04-21T09:21:23	1	0	5	5	0	1.0220	1.0220	0.0000	0.9495	0.9496	-0.0001
2023-04-21T09:55:45	1	0	10	10	0	1.0477	1.0474	-0.0004	-0.9959	-0.9959	0.0000
2023-04-21T09:57:11	1	0	1	1	0	0.9343	0.9346	0.0003	0.9976	0.9976	0.0000
2023-04-21T11:03:16	1	0	2	2	0	1.0607	1.0605	-0.0002	0.9572	0.9561	0.0011
2023-04-21T11:37:02	1	0	14	14	0	1.0526	1.0525	-0.0001	0.908	0.9077	0.0003
2023-04-23T08:16:34	1	0	1127	1127	0	1.0617	1.0617	0.0000	-0.9948	-0.9948	0.0000
2023-04-23T08:39:24	1	0	288	288	0	1.0684	1.0684	0.0000	0.9658	0.9658	0.0000
2023-04-23T09:35:11	1	0	2	2	0	0.9839	0.9839	0.0000	0.9498	0.95	-0.0002
2023-04-23T10:41:17	1	0	1	1	0	0.9401	0.9405	0.0004	0.9869	0.987	-0.0001
2023-04-23T11:07:35	1	0	50	48	2	1.0450	1.0449	-0.0001	-0.9623	-0.9624	0.0001
2023-04-23T11:41:12	1	0	35	35	0	1.0503	1.0503	0.0000	0.9925	0.9925	0.0000
2023-04-23T11:44:18	1	0	2	2	0	1.0617	1.0614	-0.0003	-0.9674	-0.9674	0.0000
2023-04-24T09:46:12	1	0	1	1	0	0.9017	0.9020	0.0003	0.9923	0.9923	0.0000
2023-04-24T09:56:15	1	0	1	1	0	0.9149	0.9152	0.0003	0.9943	0.9944	-0.0001
2023-04-24T10:52:50	1	0	148	132	16	1.0563	1.0562	-0.0001	-0.9973	-0.9974	0.0001
2023-04-25T08:16:48	1	0	847	845	2	1.0608	1.0608	0.0000	0.9999	0.9999	0.0000
2023-04-25T10:00:45	1	0	110	108	2	1.0577	1.0576	-0.0001	0.9873	0.9872	0.0001
2023-04-25T11:20:59	1	0	60	59	1	1.0596	1.0591	-0.0005	0.9754	0.9752	0.0002
2023-04-25T11:51:09	1	0	2	2	0	1.0593	1.0588	-0.0005	-1	-1	0.0000
2023-04-25T13:49:00	1	0	10	9	1	1.0529	1.0519	-0.0010	0.9638	0.9632	0.0006
2023-04-25T13:51:17	2	0	2	2	0	1.0580	1.0578	-0.0003	-0.9994	-0.9995	0.0001
2023-04-26T09:54:03	1	0	15	15	0	1.0334	1.0334	0.0000	-0.9986	-0.9986	0.0000
2023-04-26T09:55:04	1	0	120	120	0	1.0573	1.0573	0.0000	0.9998	0.9998	0.0000
2023-04-26T09:56:24	1	0	1	1	0	0.9300	0.9304	0.0003	0.9951	0.9951	0.0000
2023-04-26T10:00:46	1	0	60	54	6	1.0544	1.0544	-0.0001	0.9903	0.9902	0.0001
2023-04-27T08:37:22	1	0	7	7	0	0.9419	0.9422	0.0003	-1	-1	0.0000
2023-04-27T10:54:03	1	0	236	236	0	1.0593	1.0593	0.0000	-0.989	-0.989	0.0000
2023-04-27T11:29:18	1	0	20	19	1	1.0472	1.0473	0.0001	-1	-1	0.0000
2023-04-27T14:06:30	1	0	2	2	0	1.0586	1.0583	-0.0003	-0.9985	-0.9985	0.0000
2023-04-27T14:36:10	1	0	20	19	1	1.0510	1.0512	0.0001	-0.6263	-0.6261	-0.0002
2023-04-28T08:37:23	1	0	1	1	0	0.9442	0.9446	0.0003	0.9997	0.9998	-0.0001
2023-04-28T09:35:37	1	0	41	41	0	1.0525	1.0521	-0.0004	0.9437	0.9435	0.0002
2023-04-28T11:21:04	1	0	55	54	1	1.0589	1.0588	-0.0001	0.9762	0.9756	0.0006
2023-04-29T09:20:41	1	0	219	215	4	1.0664	1.0663	-0.0001	0.9681	0.9681	0.0000
2023-04-29T10:00:09	1	0	32	29	3	1.0522	1.0517	-0.0004	-0.968	-0.9681	0.0001
2023-04-29T11:18:17	1	0	1	1	0	1.0611	1.0603	-0.0008	0.9959	0.9959	0.0000
2023-04-29T11:50:51	1	0	269	268	1	0.8582	0.8586	0.0004	0.8808	0.8811	-0.0003
2023-04-29T12:16:07	1	0	119	119	0	1.0566	1.0566	-0.0001	0.994	0.994	0.0000
2023-04-30T08:09:49	1	0	358	357	1	1.0708	1.0707	0.0000	0.9741	0.974	0.0001
2023-04-30T12:56:29	1	0	1	1	0	1.0556	1.0552	-0.0004	-0.9898	-0.9899	0.0001
2023-05-01T09:20:51	1	0	271	270	1	1.0626	1.0626	0.0000	0.9687	0.9687	0.0000
2023-05-01T09:57:37	1	0	13	11	2	1.0488	1.0499	0.0011	-0.9998	-0.9998	0.0000
2023-05-01T10:04:14	1	0	3	3	0	1.0180	1.0181	0.0001	0.9986	0.9987	-0.0001
2023-05-01T11:21:44	1	0	9	9	0	1.0497	1.0495	-0.0002	-0.9812	-0.9809	-0.0003
2023-05-01T11:59:03	1	0	164	161	3	1.0569	1.0568	-0.0001	0.9894	0.9893	0.0001
2023-05-01T14:16:27	1	0	2	1	1	1.0564	1.0551	-0.0013	0.9919	0.9919	0.0000
2023-05-02T09:56:49	1	0	1	1	0	0.9384	0.9393	0.0009	0.9798	0.9801	-0.0003
2023-05-02T10:48:34	1	0	1	1	0	1.0563	1.0553	-0.0010	0.9605	0.9603	0.0002
2023-05-02T11:21:31	1	0	51	50	1	1.0575	1.0573	-0.0001	0.9746	0.9743	0.0003
2023-05-02T11:26:55	1	0	4	4	0	0.9583	0.9585	0.0003	-0.9871	-0.9868	-0.0003
2023-05-02T14:31:34	1	0	200	199	1	1.0600	1.0600	0.0000	0.9999	0.9999	0.0000
2023-05-03T09:54:24	2	0	1	1	0	0.9434	0.9441	0.0008	0.9943	0.9945	-0.0002
2023-05-03T11:25:33	1	0	4	4	0	1.0462	1.0460	-0.0002	0.9808	0.9801	0.0007
2023-05-03T11:26:52	1	0	3	3	0	0.9543	0.9546	0.0003	-0.99	-0.9897	-0.0003
2023-05-03T11:27:19	1	0	29	29	0	0.9395	0.9396	0.0001	0.9897	0.9898	-0.0001
2023-05-03T13:29:53	1	0	1	1	0	1.0557	1.0554	-0.0004	-0.9901	-0.9901	0.0000
2023-05-03T14:29:46	1	0	20	20	0	1.0472	1.0472	-0.0001	-0.9998	-0.9998	0.0000
2023-05-03T15:40:33	1	0	105	105	0	1.0585	1.0585	0.0000	0.9198	0.9198	0.0000
2023-05-04T09:46:32	1	0	68	67	1	1.0565	1.0565	0.0000	0.9999	0.9999	0.0000
2023-05-04T09:51:15	1	0	236	232	4	0.8953	0.8955	0.0002	0.8515	0.8518	-0.0003
2023-05-04T12:25:27	1	0	116	115	1	1.0504	1.0504	0.0000	0.9807	0.9806	0.0001
2023-05-04T14:06:56	1	0	1	1	0	1.0581	1.0570	-0.0011	-0.9993	-0.9993	0.0000
2023-05-05T00:20:24	1	0	1	1	0	1.0551	1.0551	-0.0001	0.9902	0.9902	0.0000
2023-05-05T09:47:00	1	0	235	232	3	1.0531	1.0531	0.0000	0.9782	0.9781	0.0001
2023-05-05T09:47:32	1	0	1045	1041	4	1.0622	1.0622	0.0000	0.9992	0.9992	0.0000
2023-05-05T09:51:08	1	0	1	1	0	1.0612	1.0610	-0.0002	0.9721	0.9721	0.0000
2023-05-05T09:55:11	2	0	44	36	8	1.0559	1.0555	-0.0004	0.9171	0.9168	0.0003
2023-05-05T10:59:52	1	0	20	20	0	1.0484	1.0483	-0.0001	1	1	0.0000
2023-05-05T11:02:56	1	0	97	96	1	1.0576	1.0575	-0.0001	-0.9982	-0.9982	0.0000
2023-05-05T11:51:55	1	0	2	3	-1	1.0574	1.0560	-0.0015	-0.9995	-0.9996	0.0001
2023-05-05T13:33:51	1	0	22	22	0	1.0512	1.0512	-0.0001	1	1	0.0000
2023-05-05T13:48:52	1	0	33	33	0	1.0520	1.0520	-0.0001	1	1	0.0000
2023-05-05T14:24:06	1	0	2	2	0	1.0526	1.0525	-0.0001	0.9915	0.9915	0.0000

2023-05-05T14:28:25	1	0	64	62	2	1.0565	1.0565	0.0000	-0.999	-0.9991	0.0001
2023-05-06T09:11:53	1	0	1	1	0	0.9317	0.9321	0.0003	0.9809	0.981	-0.0001
2023-05-06T09:43:41	1	0	59	57	2	1.0528	1.0527	-0.0001	0.9992	0.9992	0.0000
2023-05-06T09:51:16	2	0	14	13	1	1.0488	1.0482	-0.0005	-0.7504	-0.7498	-0.0006
2023-05-06T12:31:52	1	0	18	17	1	1.0517	1.0514	-0.0002	-0.9939	-0.9938	-0.0001
2023-05-06T12:33:45	1	0	1	0	1	1.0550	null	null	0.9876	0.9877	-0.0001
2023-05-06T12:43:53	1	0	98	96	2	1.0551	1.0551	0.0000	0.9986	0.9985	0.0001
2023-05-06T13:58:58	1	0	64	63	1	1.0537	1.0537	0.0000	0.9983	0.9983	0.0000
2023-05-06T14:48:54	1	0	2	1	1	1.0508	1.0450	-0.0058	0.9871	0.9871	0.0000
2023-05-07T09:51:57	1	0	13	11	2	1.0479	1.0474	-0.0005	-0.7521	-0.7521	0.0000
2023-05-07T09:52:27	1	0	6	5	1	1.0461	1.0461	-0.0001	-0.9993	-0.9993	0.0000
2023-05-07T09:53:47	1	0	21	20	1	1.0408	1.0408	-0.0001	-1	-1	0.0000
2023-05-07T11:02:12	1	0	337	334	3	1.0609	1.0609	0.0000	0.993	0.9929	0.0001
2023-05-07T11:07:06	1	0	12	12	0	1.0505	1.0503	-0.0001	-0.7835	-0.7833	-0.0002
2023-05-07T11:22:24	1	0	7	7	0	1.0480	1.0479	-0.0002	0.9698	0.9696	0.0002
2023-05-07T11:25:27	1	0	20	18	2	1.0499	1.0491	-0.0008	0.9947	0.9944	0.0003
2023-05-08T09:49:55	1	0	1	1	0	0.9434	0.9438	0.0004	0.9648	0.9653	-0.0005
2023-05-08T10:36:30	1	0	217	214	3	1.0603	1.0603	0.0000	0.9615	0.9615	0.0000
2023-05-09T08:51:14	1	0	110	110	0	1.0571	1.0571	0.0000	0.9391	0.9391	0.0000
2023-05-09T09:02:27	1	0	360	359	1	1.0570	1.0570	0.0000	0.9998	0.9997	0.0001
2023-05-09T09:56:02	2	0	440	438	2	0.9029	0.9030	0.0000	0.9417	0.9418	-0.0001
2023-05-09T09:57:59	1	0	4	4	0	1.0513	1.0512	-0.0001	-0.9994	-0.9994	0.0000
2023-05-09T13:37:05	1	0	3	3	0	1.0593	1.0586	-0.0006	0.999	0.9989	0.0001
2023-05-09T13:52:06	1	0	12	12	0	1.0503	1.0503	-0.0001	0.9993	0.9992	0.0001
2023-05-10T09:46:43	1	0	106	103	3	1.0579	1.0579	0.0000	0.9993	0.9993	0.0000
2023-05-10T09:47:07	1	0	1	1	0	0.9105	0.9108	0.0003	0.9914	0.9915	-0.0001
2023-05-10T12:01:59	1	0	5	4	1	1.0513	1.0514	0.0001	-0.9995	-0.9995	0.0000
2023-05-10T12:13:17	1	0	2	2	0	0.9987	0.9985	-0.0002	0.9942	0.9942	0.0000
2023-05-10T15:12:37	1	0	1	1	0	0.9418	0.9432	0.0014	0.9824	0.9828	-0.0004
2023-05-11T08:20:00	1	0	69	69	0	0.9341	0.9349	0.0008	0.9543	0.9545	-0.0002
2023-05-11T08:33:04	1	0	730	725	5	1.0591	1.0591	0.0000	0.9999	0.9999	0.0000
2023-05-11T09:21:15	1	0	13	13	0	1.0452	1.0452	0.0000	0.9973	0.9974	-0.0001
2023-05-11T11:22:19	1	0	19	16	3	1.0523	1.0503	-0.0020	0.9999	0.9999	0.0000
2023-05-12T09:35:52	1	0	14	14	0	1.0486	1.0481	-0.0004	0.9998	0.9993	0.0005
2023-05-12T09:46:03	1	0	1	1	0	0.8968	0.8971	0.0003	0.9918	0.9918	0.0000
2023-05-12T09:50:53	1	0	14	14	0	1.0476	1.0473	-0.0003	0.9997	0.9997	0.0000
2023-05-12T11:14:07	1	0	3	3	0	1.0197	1.0194	-0.0003	-0.9932	-0.9932	0.0000
2023-05-12T14:14:19	1	0	2	2	0	0.9900	0.9900	0.0000	-0.9984	-0.9984	0.0000
2023-05-12T14:27:23	1	0	3	3	0	0.9392	0.9394	0.0001	0.9824	0.9816	0.0008
2023-05-13T11:48:41	1	0	5	5	0	0.9920	0.9922	0.0002	0.993	0.9931	-0.0001
2023-05-14T09:21:58	1	0	4	4	0	0.9850	0.9854	0.0004	0.9861	0.9862	-0.0001
2023-05-14T09:24:54	1	0	2	2	0	1.0272	1.0270	-0.0003	-0.9985	-0.9985	0.0000
2023-05-14T09:26:54	1	0	4	4	0	0.9918	0.9916	-0.0002	0.9974	0.9973	0.0001
2023-05-14T09:27:04	1	0	640	639	1	0.6634	0.6634	0.0000	0.9812	0.9815	-0.0003
2023-05-14T09:28:55	1	0	5	5	0	1.0137	1.0137	0.0000	0.9999	0.9998	0.0001
2023-05-14T09:32:36	1	0	2	2	0	1.0250	1.0247	-0.0003	-1	-1	0.0000
2023-05-14T09:33:33	1	0	5	5	0	1.0149	1.0148	-0.0001	0.9997	0.9996	0.0001
2023-05-15T09:46:02	1	0	71	51	20	1.0543	1.0541	-0.0003	-0.9967	-0.9967	0.0000
2023-05-15T09:50:17	1	0	58	50	8	1.0588	1.0586	-0.0003	0.9762	0.9759	0.0003
2023-05-15T09:51:56	1	0	4	4	0	0.9756	0.9755	-0.0001	0.9816	0.9815	0.0001
2023-05-15T09:53:56	1	0	75	74	1	1.0564	1.0565	0.0000	0.9053	0.9054	-0.0001
2023-05-15T09:55:54	1	0	2	2	0	1.0252	1.0251	-0.0001	-0.9929	-0.9929	0.0000
2023-05-15T13:48:58	1	0	282	281	1	0.9057	0.9058	0.0001	0.9423	0.9423	0.0000
2023-05-15T13:52:53	1	0	14	13	1	1.0492	1.0494	0.0002	0.9966	0.9951	0.0015
2023-05-15T13:59:25	1	0	15	14	1	1.0537	1.0532	-0.0005	0.9138	0.9138	0.0000
2023-05-15T13:59:47	1	0	6	6	0	0.9992	0.9989	-0.0003	-0.9999	-0.9998	-0.0001
2023-05-15T14:07:21	1	0	1	1	0	1.0311	1.0311	0.0000	0.9827	0.9828	-0.0001
2023-05-15T14:14:48	1	0	5	5	0	0.9908	0.9906	-0.0002	-0.9998	-0.9999	0.0001
2023-05-15T14:27:59	1	0	1	1	0	1.0349	1.0345	-0.0004	-1	-1	0.0000
2023-05-15T14:39:19	1	0	62	59	3	1.0548	1.0548	-0.0001	0.9938	0.9936	0.0002
2023-05-15T14:51:08	1	0	5	5	0	1.0579	1.0579	0.0000	0.9996	0.9996	0.0000
2023-05-15T14:58:08	1	0	4	4	0	1.0431	1.0430	-0.0001	0.9967	0.9967	0.0000
2023-05-15T15:14:52	1	0	1	1	0	0.9907	0.9907	0.0000	-0.9999	-0.9999	0.0000
2023-05-15T15:17:32	1	0	3	3	0	1.0246	1.0246	0.0000	0.9969	0.997	-0.0001
2023-05-15T15:24:22	1	0	55	55	0	1.0537	1.0537	0.0000	0.994	0.994	0.0000
2023-05-15T15:29:10	1	0	32	32	0	1.0447	1.0447	0.0000	-1	-1	0.0000
2023-05-15T15:41:30	1	0	3	3	0	1.0278	1.0278	0.0000	0.9794	0.9794	0.0000
2023-05-15T16:13:13	1	0	3	3	0	1.0409	1.0409	0.0000	0.9949	0.9949	0.0000
2023-05-15T16:29:20	1	0	6	6	0	1.0468	1.0468	0.0000	-0.7451	-0.7442	-0.0009
2023-05-16T09:47:10	1	0	5	5	0	1.0316	1.0314	-0.0002	0.9794	0.9794	0.0000
2023-05-16T09:53:46	1	0	12	12	0	1.0508	1.0507	-0.0001	0.9035	0.9033	0.0002
2023-05-16T09:58:42	1	0	4	4	0	1.0135	1.0134	-0.0001	-0.9541	-0.954	-0.0001
2023-05-16T11:06:36	1	0	6	6	0	0.9797	0.9796	-0.0001	-0.9985	-0.9985	0.0000
2023-05-16T15:00:55	1	0	10	10	0	1.0286	1.0287	0.0001	0.9895	0.9897	-0.0002
2023-05-17T09:31:06	1	0	104	103	1	1.0544	1.0543	0.0000	0.991	0.9909	0.0001
2023-05-17T09:50:15	1	0	19	18	1	1.0543	1.0542	-0.0001	0.9759	0.9759	0.0000
2023-05-17T09:51:41	1	0	2	2	0	1.0238	1.0243	0.0005	0.9667	0.9669	-0.0002
2023-05-17T09:58:02	1	0	587	587	0	0.8472	0.8472	0.0000	0.9237	0.9238	-0.0001
2023-05-17T10:20:25	1	0	18	16	2	1.0444	1.0438	-0.0006	0.9999	0.9999	0.0000
2023-05-17T10:31:40	1	0	1	1	0	1.0600	1.0595	-0.0005	-0.9679	-0.968	0.0001
2023-05-17T10:35:26	1	0	20	20	0	1.0459	1.0453	-0.0006	0.9949	0.9948	0.0001
2023-05-17T10:40:48	1	0	2	2	0	1.0229	1.0227	-0.0002	-0.9881	-0.9882	0.0001
2023-05-17T10:50:05	1	0	1	0	1	1.0556	null	null	-0.5877	-0.5877	0.0000
2023-05-17T10:53:57	1	0	13	12	1	1.0501	1.0490	-0.0010	0.9065	0.9062	0.0003
2023-05-17T11:18:57	1	0	1	1	0	0.9443	0.9446	0.0003	-0.9883	-0.9882	-0.0001

2023-05-17T11:20:29	1	0	17	18	-1	1.0466	1.0469	0.0003	0.997	0.9966	0.0004
2023-05-17T13:16:21	1	0	173	172	1	1.0584	1.0584	0.0000	0.9889	0.9889	0.0000
2023-05-17T13:50:39	1	0	6	6	0	1.0499	1.0497	-0.0001	0.9967	0.9967	0.0000
2023-05-17T14:17:05	1	0	1	0	1	1.0552	null	null	0.9986	0.9985	0.0001
2023-05-18T09:12:56	1	0	134	132	2	1.0571	1.0571	0.0000	-0.9458	-0.9455	-0.0003
2023-05-18T09:16:34	1	0	25	24	1	1.0553	1.0553	0.0000	0.9983	0.9983	0.0000
2023-05-18T09:45:08	1	0	118	117	1	1.0575	1.0575	-0.0001	0.9993	0.9993	0.0000
2023-05-18T09:47:15	1	0	5	5	0	1.0323	1.0321	-0.0002	0.9837	0.9836	0.0001
2023-05-18T09:50:02	2	0	100	99	1	0.9103	0.9104	0.0001	0.8433	0.8432	0.0001
2023-05-18T09:50:38	1	0	3	3	0	0.9892	0.9891	-0.0001	1	0.9999	0.0001
2023-05-18T09:53:53	1	0	13	13	0	1.0519	1.0518	-0.0001	0.9053	0.905	0.0003
2023-05-18T09:55:40	1	0	6	6	0	1.0080	1.0081	0.0001	0.9559	0.9563	-0.0004
2023-05-18T10:02:16	1	0	6	6	0	1.0319	1.0314	-0.0005	0.9834	0.9833	0.0001
2023-05-18T10:08:22	1	0	30	23	7	0.9402	0.9410	0.0008	0.9913	0.9916	-0.0003
2023-05-18T10:45:43	1	0	3	3	0	1.0317	1.0309	-0.0008	0.9901	0.9669	0.0232
2023-05-18T10:50:30	1	0	26	26	0	1.0551	1.0547	-0.0003	-0.9898	-0.99	0.0002
2023-05-18T10:52:13	1	0	5	5	0	1.0436	1.0434	-0.0002	-0.999	-0.999	0.0000
2023-05-18T11:16:51	1	0	1	1	0	1.0562	1.0557	-0.0005	0.9998	0.9998	0.0000
2023-05-18T11:19:18	1	0	13	13	0	1.0532	1.0529	-0.0003	0.9976	0.9975	0.0001
2023-05-18T11:20:11	1	0	12	11	1	1.0522	1.0516	-0.0006	-0.6333	-0.6339	0.0006
2023-05-18T11:20:32	2	0	31	30	1	1.0547	1.0543	-0.0005	-0.989	-0.9897	0.0007
2023-05-18T11:37:05	1	0	6	6	0	1.0242	1.0240	-0.0002	0.9812	0.9811	0.0001
2023-05-18T14:35:42	1	0	1	1	0	1.0389	1.0385	-0.0004	-0.9985	-0.9985	0.0000
2023-05-19T10:00:40	1	0	1	0	1	1.0464	null	null	0.9444	0.9429	0.0015
2023-05-19T10:33:33	1	0	3	3	0	1.0517	1.0515	-0.0002	0.9824	0.9824	0.0000
2023-05-19T10:35:25	1	0	6	6	0	1.0449	1.0448	-0.0001	-0.9979	-0.998	0.0001
2023-05-19T10:51:11	1	0	7	7	0	1.0378	1.0376	-0.0002	-0.9187	-0.9208	0.0021
2023-05-19T10:58:41	1	0	2	2	0	0.9944	0.9939	-0.0005	-0.9992	-0.9992	0.0000
2023-05-19T11:00:15	1	0	32	32	0	1.0525	1.0517	-0.0009	0.999	0.999	0.0000
2023-05-19T11:05:27	1	0	19	18	1	1.0491	1.0485	-0.0006	-0.9957	-0.9958	0.0001
2023-05-19T16:49:03	1	0	13	12	1	0.9441	0.9445	0.0004	0.9567	0.9569	-0.0002
2023-05-20T09:19:56	1	0	129	126	3	1.0625	1.0623	-0.0002	0.9341	0.9339	0.0002
2023-05-20T09:50:18	2	0	50	48	2	1.0543	1.0536	-0.0006	0.9979	0.9979	0.0000
2023-05-20T09:53:52	1	0	232	231	1	1.0620	1.0616	-0.0003	0.9213	0.9207	0.0006
2023-05-20T10:00:09	3	0	98	96	2	1.0553	1.0552	0.0000	0.9882	0.9881	0.0001
2023-05-20T10:00:39	1	0	106	106	0	1.0559	1.0559	0.0000	-0.9973	-0.9972	-0.0001
2023-05-20T10:35:40	1	0	1	1	0	0.9893	0.9886	-0.0007	1	1	0.0000
2023-05-20T11:15:14	1	0	120	120	0	1.0569	1.0569	0.0000	0.9873	0.9872	0.0001
2023-05-20T11:20:08	1	0	7	7	0	1.0547	1.0547	0.0000	-0.7593	-0.7591	-0.0002
2023-05-20T11:23:59	1	0	265	265	0	1.0668	1.0666	-0.0002	0.9332	0.9327	0.0005
2023-05-20T14:25:56	1	0	1	1	0	1.0182	1.0178	-0.0004	-0.918	-0.9181	0.0001
2023-05-21T09:47:15	1	0	3	2	1	1.0308	1.0240	-0.0068	0.9886	0.987	0.0016
2023-05-21T09:49:58	1	0	291	291	0	0.8438	0.8441	0.0003	0.862	0.8622	-0.0002
2023-05-21T09:54:19	1	0	131	128	3	1.0562	1.0561	-0.0001	0.9853	0.9851	0.0002
2023-05-22T10:20:25	1	0	49	48	1	1.0519	1.0508	-0.0011	-1	0.9999	0.0001
2023-05-22T10:31:40	1	0	1	1	0	1.0616	1.0611	-0.0005	-0.9806	-0.9807	0.0001
2023-05-22T10:41:56	1	0	86	86	0	0.9152	0.9155	0.0003	-0.9954	-0.995	-0.0004
2023-05-22T10:52:40	1	0	3	3	0	1.0384	1.0382	-0.0002	-0.9862	-0.9863	0.0001
2023-05-22T11:01:15	1	0	84	83	1	1.0548	1.0547	-0.0001	0.9891	0.989	0.0001
2023-05-22T11:01:49	1	0	1	1	0	1.0575	1.0571	-0.0004	0.9975	0.9975	0.0000
2023-05-22T11:05:07	1	0	3	4	-1	1.0562	1.0533	-0.0028	-0.6409	-0.6406	-0.0003
2023-05-22T11:07:17	1	0	59	59	0	1.0531	1.0531	0.0000	-0.9951	-0.9952	0.0001
2023-05-22T11:19:06	1	0	4	4	0	1.0394	1.0390	-0.0005	0.9948	0.9948	0.0000
2023-05-22T11:21:30	1	0	5	5	0	0.9877	0.9877	0.0000	-0.9998	-0.9998	0.0000
2023-05-22T11:58:46	1	0	2	2	0	0.9812	0.9809	-0.0003	-0.9675	-0.9675	0.0000
2023-05-22T12:05:32	1	0	17	17	0	1.0501	1.0500	-0.0001	0.9994	0.9994	0.0000
2023-05-22T12:21:53	1	0	2	2	0	1.0820	1.0816	-0.0003	0.9799	0.9798	0.0001
2023-05-22T15:41:17	1	0	2	2	0	1.0311	1.0310	-0.0002	-0.9984	-0.9984	0.0000
2023-05-22T15:58:02	1	0	3	3	0	1.0392	1.0392	0.0000	-0.974	-0.9738	-0.0002
2023-05-23T08:50:21	1	0	75	62	13	1.0516	1.0514	-0.0001	1	1	0.0000
2023-05-23T09:51:45	2	0	2	19	-17	1.0229	1.0557	0.0328	0.9806	0.9916	-0.0110
2023-05-23T09:58:17	1	0	4	4	0	1.0267	1.0264	-0.0003	0.9839	0.9845	-0.0006
2023-05-23T10:08:55	1	0	14	13	1	1.0532	1.0525	-0.0007	0.9061	0.9058	0.0003
2023-05-23T10:48:40	1	0	1	1	0	0.9582	0.9586	0.0004	0.935	0.9352	-0.0002
2023-05-23T11:10:46	1	0	1	1	0	1.0375	1.0368	-0.0007	-0.9742	-0.9741	-0.0001
2023-05-23T11:19:05	1	0	6	6	0	1.0439	1.0437	-0.0002	0.9922	0.9921	0.0001
2023-05-23T11:35:35	1	0	12	12	0	1.0500	1.0499	-0.0001	0.9126	0.9122	0.0004
2023-05-24T09:52:00	1	0	1	1	0	0.9757	0.9766	0.0009	0.9911	0.9915	-0.0004
2023-05-24T09:55:54	1	0	1	1	0	1.0167	1.0166	-0.0001	-0.9684	-0.9683	-0.0001
2023-05-24T14:04:42	1	0	19	19	0	1.0535	1.0533	-0.0002	-1	-1	0.0000
2023-05-24T14:04:44	1	0	2	2	0	0.9410	0.9414	0.0004	-0.9996	-0.9996	0.0000
2023-05-25T09:47:23	1	0	7	7	0	1.0325	1.0320	-0.0005	0.9721	0.9721	0.0000
2023-05-25T09:50:14	1	0	14	14	0	1.0501	1.0498	-0.0003	0.8834	0.8832	0.0002
2023-05-25T09:50:35	1	0	24	24	0	1.0464	1.0461	-0.0003	0.9993	0.9992	0.0001
2023-05-25T09:54:00	1	0	12	11	1	1.0488	1.0491	0.0003	0.9054	0.9052	0.0002
2023-05-25T09:55:55	1	0	3	2	1	1.0311	1.0293	-0.0018	-0.99	-0.9901	0.0001
2023-05-25T09:58:02	1	0	1	1	0	1.0087	1.0083	-0.0004	0.9997	0.9997	0.0000
2023-05-25T11:16:48	1	0	226	225	1	1.0591	1.0591	0.0000	-0.9758	-0.9758	0.0000
2023-05-25T11:23:36	1	0	3	3	0	0.9948	0.9948	0.0000	0.9939	0.994	-0.0001
2023-05-25T14:35:33	1	0	18	18	0	0.9582	0.9585	0.0004	0.8422	0.8424	-0.0002
2023-05-25T16:26:16	1	0	3	3	0	1.0182	1.0181	-0.0001	0.9488	0.9486	0.0002
2023-05-27T09:50:54	1	0	2	2	0	0.9893	0.9893	-0.0001	-0.9984	-0.9986	0.0002
2023-05-27T09:55:55	1	0	2	2	0	1.0339	1.0329	-0.0010	-0.9334	-0.9469	0.0135
2023-05-27T09:58:55	1	0	2	2	0	1.0349	1.0346	-0.0003	0.9986	0.9986	0.0000
2023-05-27T10:00:26	2	0	92	90	2	1.0553	1.0552	-0.0001	0.9875	0.9873	0.0002

2023-05-27T10:58:59	1	0	1	1	0	1.0412	1.0408	-0.0004	0.975	0.9749	0.0001
2023-05-27T12:59:27	1	0	2	2	0	1.0201	1.0199	-0.0002	-0.9632	-0.9631	-0.0001
2023-05-27T13:33:23	1	0	56	55	1	1.0538	1.0537	-0.0001	0.9878	0.9878	0.0000
2023-05-28T09:50:40	2	0	3	3	0	1.0371	1.0367	-0.0004	0.999	0.9982	0.0008
2023-05-28T09:51:04	1	0	4	4	0	1.0368	1.0367	-0.0001	-0.8558	-0.8582	0.0024
2023-05-28T15:10:26	1	0	3	3	0	1.0315	1.0312	-0.0003	-0.9972	-0.9989	0.0017
2023-05-29T09:50:33	1	0	17	16	1	1.0484	1.0479	-0.0005	0.9985	0.9984	0.0001
2023-05-29T10:05:34	1	0	16	14	2	1.0505	1.0486	-0.0019	0.9979	0.9978	0.0001
2023-05-29T10:19:04	1	0	2	2	0	1.0370	1.0368	-0.0002	0.9976	0.9975	0.0001
2023-05-29T10:20:35	1	0	14	13	1	1.0480	1.0473	-0.0007	0.9969	0.9968	0.0001
2023-05-29T10:20:51	1	0	1	1	0	0.9806	0.9799	-0.0007	0.9952	0.995	0.0002
2023-05-29T10:35:52	1	0	1	1	0	0.9832	0.9826	-0.0006	0.9961	0.9959	0.0002
2023-05-29T11:01:22	1	0	1	1	0	1.0331	1.0327	-0.0004	0.9879	0.9878	0.0001
2023-05-29T11:05:38	1	0	3	3	0	1.0397	1.0391	-0.0006	0.9995	0.9995	0.0000
2023-05-29T11:06:38	1	0	3	3	0	1.0268	1.0267	-0.0001	0.9986	0.9986	0.0000
2023-05-29T11:07:46	1	0	3	3	0	1.0142	1.0140	-0.0002	-0.9983	-0.9983	0.0000
2023-05-29T11:20:39	1	0	14	12	2	1.0466	1.0463	-0.0003	0.9996	0.9996	0.0000
2023-05-29T11:21:01	1	0	7	7	0	1.0378	1.0377	-0.0001	-0.9897	-0.99	0.0003
2023-05-29T11:24:10	1	0	2	2	0	0.9859	0.9856	-0.0003	0.8798	0.8792	0.0006
2023-05-29T11:30:57	1	0	2	2	0	1.0189	1.0186	-0.0003	0.9995	0.9992	0.0003
2023-05-29T11:53:05	1	0	3	4	-1	0.9741	0.9946	0.0206	0.9673	0.9672	0.0001
2023-05-30T09:46:44	2	0	11	10	1	1.0523	1.0519	-0.0004	0.9961	0.9961	0.0000
2023-05-30T09:50:18	1	0	92	92	0	0.9184	0.9186	0.0002	0.8708	0.8706	0.0002
2023-05-30T09:50:48	1	0	22	22	0	1.0491	1.0485	-0.0006	-0.9996	-0.9996	0.0000
2023-05-30T09:51:51	1	0	1	0	1	0.9935	null	null	0.997	0.997	0.0000
2023-05-30T09:58:31	1	0	2	2	0	1.0000	0.9999	-0.0002	0.9969	0.9974	-0.0005
2023-05-30T10:00:24	1	0	30	30	0	1.0522	1.0521	-0.0001	0.9973	0.9973	0.0000
2023-05-30T10:24:55	1	0	4	4	0	1.0202	1.0200	-0.0002	0.9684	0.9684	0.0000
2023-05-30T10:46:58	1	0	1	1	0	1.0596	1.0585	-0.0011	-0.9859	-0.986	0.0001
2023-05-30T10:51:04	1	0	5	6	-1	1.0372	1.0399	0.0028	-0.9586	-0.9609	0.0023
2023-05-30T11:04:18	1	0	1	0	1	0.9449	null	null	-0.9947	-0.9947	0.0000
2023-05-30T11:05:53	1	0	14	12	2	1.0475	1.0465	-0.0011	0.9996	0.9989	0.0007
2023-05-30T11:11:09	1	0	6	6	0	0.9557	0.9561	0.0004	0.9999	0.9999	0.0000
2023-05-30T11:20:27	1	0	2	2	0	1.0458	1.0452	-0.0006	-0.7108	-0.7116	0.0008
2023-05-30T11:20:54	1	0	4	4	0	1.0492	1.0484	-0.0008	0.9999	0.9998	0.0001
2023-05-30T14:16:12	1	0	2	2	0	0.9164	0.9166	0.0003	0.9835	0.9836	-0.0001
2023-05-31T10:00:19	2	0	24	23	1	1.0495	1.0493	-0.0002	-0.9995	-0.9999	0.0004
2023-05-31T10:21:40	1	0	625	624	1	0.7639	0.7640	0.0001	0.997	0.9972	-0.0002
2023-05-31T11:18:14	1	0	58	55	3	0.9435	0.9438	0.0003	0.9823	0.9825	-0.0002
2023-05-31T11:19:38	1	0	4	4	0	1.0319	1.0322	0.0002	0.9983	0.9973	0.0010
2023-05-31T11:23:35	1	0	2	2	0	1.0464	1.0456	-0.0009	-0.9971	-0.9971	0.0000
2023-05-31T11:30:25	2	0	13	13	0	1.0488	1.0485	-0.0002	1	1	0.0000
2023-05-31T13:31:36	1	0	1	1	0	0.9523	0.9528	0.0005	0.7526	0.7529	-0.0003
2023-05-31T14:57:04	1	0	5	4	1	1.0473	1.0470	-0.0004	0.9985	0.9983	0.0002
2023-05-31T15:22:21	1	0	1	1	0	1.0158	1.0151	-0.0007	0.9966	0.9965	0.0001
2023-05-31T16:07:28	1	0	2	1	1	1.0319	1.0313	-0.0006	0.9884	0.9518	0.0366
2023-06-01T09:50:11	2	0	10	10	0	1.0444	1.0442	-0.0002	0.9991	0.9982	0.0009
2023-06-01T09:50:32	1	0	4	4	0	1.0216	1.0216	-0.0001	-0.9999	-1	0.0001
2023-06-01T09:56:24	1	0	51	51	0	1.0614	1.0614	0.0000	0.9996	0.9995	0.0001
2023-06-01T10:08:08	1	0	3	3	0	0.9628	0.9636	0.0008	0.9921	0.9938	-0.0017
2023-06-01T10:14:01	1	0	6	6	0	1.0204	1.0203	-0.0001	0.988	0.9881	-0.0001
2023-06-01T10:20:28	1	0	1	1	0	0.9853	0.9851	-0.0002	0.9981	0.9978	0.0003
2023-06-01T10:31:38	1	0	54	54	0	1.0566	1.0566	0.0000	-0.9659	-0.9661	0.0002
2023-06-01T10:35:29	1	0	1	0	1	0.9871	null	null	0.9976	0.9976	0.0000
2023-06-01T10:50:23	1	0	6	6	0	1.0219	1.0219	-0.0001	1	1	0.0000
2023-06-01T11:00:40	1	0	1	1	0	0.9434	0.9445	0.0011	-0.9955	-0.9954	-0.0001
2023-06-01T11:05:16	2	0	10	10	0	1.0485	1.0478	-0.0007	0.9967	0.9961	0.0006
2023-06-01T11:21:25	1	0	2	2	0	0.8977	0.8980	0.0003	0.7961	0.7968	-0.0007
2023-06-01T13:50:20	1	0	4	4	0	0.9630	0.9631	0.0002	0.8604	0.8606	-0.0002
2023-06-01T13:50:27	1	0	4	4	0	1.0471	1.0469	-0.0002	0.9982	0.9974	0.0008
2023-06-01T14:05:28	1	0	2	2	0	1.0500	1.0499	-0.0001	0.9984	0.9984	0.0000
2023-06-01T14:34:53	1	0	7	7	0	1.0454	1.0453	-0.0001	-0.9996	-0.9996	0.0000
2023-06-02T09:47:49	1	0	3	3	0	1.0252	1.0251	-0.0001	-0.9998	-0.9998	0.0000
2023-06-02T09:57:19	1	0	15	13	2	1.0440	1.0436	-0.0004	0.9995	0.9989	0.0006
2023-06-02T10:00:16	3	0	1	1	0	0.9740	0.9748	0.0008	0.9941	0.9943	-0.0002
2023-06-02T10:12:20	1	0	14	10	4	1.0436	1.0427	-0.0009	0.9994	0.9993	0.0001
2023-06-02T10:40:32	1	0	75	74	1	0.9347	0.9346	-0.0001	0.9686	0.9689	-0.0003
2023-06-02T11:00:20	1	0	3	3	0	0.9672	0.9675	0.0003	0.9971	0.9971	0.0000
2023-06-02T11:31:07	1	0	54	53	1	0.9413	0.9414	0.0001	0.8903	0.8909	-0.0006
2023-06-02T16:37:22	1	0	35	35	0	0.9309	0.9310	0.0001	0.983	0.9832	-0.0002
2023-06-02T16:59:44	1	0	115	115	0	0.9350	0.9350	0.0000	0.998	0.998	0.0000
2023-06-02T17:51:07	1	0	81	81	0	1.0534	1.0534	0.0000	0.9819	0.9818	0.0001
2023-06-03T10:16:47	1	0	46	46	0	0.9528	0.9528	0.0000	0.997	0.9972	-0.0002
2023-06-03T11:06:27	1	0	5	5	0	0.9856	0.9887	0.0031	0.9945	0.9947	-0.0002
2023-06-03T11:11:24	1	0	151	148	3	0.9291	0.9295	0.0003	0.9713	0.9713	0.0000
2023-06-03T11:34:50	1	0	2	1	1	1.0506	1.0450	-0.0056	-0.8133	-0.8141	0.0008
2023-06-03T12:07:32	1	0	1	1	0	0.9713	0.9717	0.0004	0.9666	0.9666	0.0000
2023-06-03T14:44:33	1	0	1	1	0	0.9434	0.9437	0.0003	0.9952	0.9952	0.0000
2023-06-03T15:17:19	1	0	22	21	1	0.9547	0.9551	0.0004	0.9759	0.9775	-0.0016
2023-06-04T09:58:00	1	0	2	2	0	1.0024	1.0022	-0.0002	-0.9648	-0.9643	-0.0005
2023-06-04T10:37:19	1	0	15	15	0	1.0494	1.0494	-0.0001	-0.996	-0.9961	0.0001
2023-06-04T10:48:45	1	0	6	6	0	1.0343	1.0340	-0.0004	-0.9976	-0.9976	0.0000
2023-06-04T10:50:25	1	0	4	4	0	0.9888	0.9884	-0.0004	-0.9985	-0.9986	0.0001
2023-06-04T11:05:26	1	0	3	3	0	1.0110	1.0107	-0.0004	-0.9984	-0.9983	-0.0001
2023-06-04T11:16:45	1	0	1	1	0	1.0570	1.0564	-0.0006	-0.9598	-0.9599	0.0001

2023-06-04T12:55:56	1	0	2	2	0	0.9954	0.9956	0.0001	-0.9678	-0.9675	-0.0003
2023-06-04T13:36:03	1	0	2	2	0	0.9972	0.9972	-0.0001	0.9391	0.9388	0.0003
2023-06-04T14:22:02	1	0	2	2	0	1.0190	1.0190	0.0000	0.9998	0.9998	0.0000
2023-06-04T14:29:19	1	0	1	1	0	0.9434	0.9437	0.0003	0.9818	0.9828	-0.0010
2023-06-04T14:39:27	1	0	3	3	0	1.0129	1.0129	0.0000	-0.999	-0.999	0.0000
2023-06-04T14:56:20	1	0	207	207	0	0.8978	0.8978	0.0000	0.9699	0.9699	0.0000
2023-06-04T15:59:49	1	0	60	59	1	1.0537	1.0536	-0.0001	0.9889	0.9888	0.0001
2023-06-04T16:01:27	1	0	1	1	0	1.0409	1.0404	-0.0005	-0.9978	-0.9979	0.0001
2023-06-05T09:46:09	1	0	9	9	0	1.0132	1.0132	-0.0001	0.9815	0.9813	0.0002
2023-06-05T09:56:26	1	0	1	1	0	1.0564	1.0560	-0.0004	0.993	0.9928	0.0002
2023-06-05T10:05:08	1	0	10	9	1	1.0465	1.0454	-0.0011	0.9994	0.9985	0.0009
2023-06-05T10:08:10	1	0	1	1	0	0.9744	0.9752	0.0008	0.9975	0.9985	-0.0010
2023-06-05T11:03:38	1	0	10	9	1	0.9481	0.9487	0.0007	-0.9994	-0.9993	-0.0001
2023-06-05T11:22:35	1	0	2	2	0	1.0371	1.0371	0.0000	-0.9965	-0.9965	0.0000
2023-06-05T15:00:34	1	0	7	7	0	1.0434	1.0433	-0.0001	1	1	0.0000
2023-06-05T15:08:52	1	0	3	3	0	1.0301	1.0300	-0.0001	-0.9956	-0.997	0.0014
2023-06-05T15:12:13	1	0	83	82	1	0.9431	0.9435	0.0003	0.9748	0.9748	0.0000
2023-06-05T15:13:42	1	0	185	183	2	0.9223	0.9232	0.0009	0.957	0.9575	-0.0005
2023-06-05T15:21:48	1	0	1	1	0	1.0564	1.0564	0.0000	0.9947	0.9947	0.0000
2023-06-05T15:25:48	1	0	1	1	0	1.0063	1.0063	0.0000	0.9947	0.9947	0.0000
2023-06-05T15:30:40	1	0	3	3	0	1.0418	1.0418	0.0000	1	0.9999	0.0001
2023-06-05T15:33:00	2	0	1	1	0	0.9747	0.9757	0.0010	0.956	0.9558	0.0002
2023-06-05T15:45:41	1	0	2	2	0	1.0390	1.0390	0.0000	0.9999	0.9999	0.0000
2023-06-05T15:57:16	1	0	48	48	0	0.9653	0.9653	0.0000	0.9886	0.9888	-0.0002
2023-06-05T16:28:47	1	0	187	187	0	0.9085	0.9085	0.0000	0.9612	0.9613	-0.0001
2023-06-05T16:40:03	1	0	1	1	0	0.9429	0.9434	0.0005	0.9871	0.9872	-0.0001
2023-06-05T16:46:56	1	0	1	1	0	1.0352	1.0352	0.0000	1	1	0.0000
2023-06-05T17:01:57	1	0	1	1	0	1.0360	1.0360	0.0000	-0.9998	-0.9998	0.0000
2023-06-05T17:35:03	1	0	69	69	0	1.0550	1.0550	0.0000	0.9676	0.9676	0.0000
2023-06-06T09:48:14	1	0	8	10	-2	0.9415	0.9483	0.0068	0.9509	0.9509	0.0000
2023-06-06T09:56:28	1	0	2	2	0	1.0518	1.0516	-0.0002	0.9944	0.9942	0.0002
2023-06-06T09:58:03	1	0	4	4	0	1.0075	1.0073	-0.0002	-0.9973	-0.9967	-0.0006
2023-06-06T10:02:30	1	0	60	59	1	1.0309	1.0309	0.0000	0.9571	0.9572	-0.0001
2023-06-06T10:04:56	1	0	9	9	0	0.9492	0.9491	-0.0001	-0.9938	-0.9938	0.0000
2023-06-06T10:20:08	1	0	3	3	0	1.0398	1.0390	-0.0008	0.9985	0.9973	0.0012
2023-06-06T10:20:56	1	0	1	1	0	0.9314	0.9318	0.0004	0.9899	0.9894	0.0005
2023-06-06T10:23:08	1	0	5	5	0	0.9901	0.9907	0.0006	0.9991	0.9992	-0.0001
2023-06-06T10:54:44	1	0	3	3	0	1.0174	1.0173	-0.0001	-1	-1	0.0000
2023-06-06T11:05:11	1	0	19	17	2	1.0465	1.0453	-0.0012	0.998	0.9978	0.0002
2023-06-06T11:05:38	1	0	6	6	0	1.0428	1.0427	-0.0002	0.9917	0.9908	0.0009
2023-06-06T11:08:11	1	0	1	1	0	0.9768	0.9772	0.0004	0.9983	0.9984	-0.0001
2023-06-06T11:20:12	1	0	24	22	2	1.0481	1.0476	-0.0005	0.9974	0.9972	0.0002
2023-06-07T09:48:09	2	0	8	8	0	1.0457	1.0450	-0.0007	0.9992	0.9992	0.0000
2023-06-07T09:57:54	1	0	1	1	0	0.8917	0.8921	0.0004	0.9875	0.9875	0.0000
2023-06-07T11:03:08	1	0	7	7	0	1.0380	1.0379	-0.0001	0.9992	0.9989	0.0003
2023-06-07T11:09:08	1	0	444	444	0	0.7485	0.7485	0.0001	0.9921	0.9922	-0.0001
2023-06-07T11:18:09	1	0	9	9	0	1.0350	1.0349	-0.0002	0.9994	0.999	0.0004
2023-06-07T11:18:15	1	0	2	3	-1	1.0513	1.0513	0.0000	0.9986	0.9983	0.0003
2023-06-07T14:03:26	1	0	15	15	0	1.0473	1.0473	-0.0001	-0.9994	-0.9994	0.0000
2023-06-07T14:18:27	1	0	6	6	0	1.0443	1.0442	-0.0001	-0.9994	-0.9999	0.0005
2023-06-07T14:20:57	1	0	1	1	0	0.9764	0.9767	0.0003	0.9973	0.9963	0.0010
2023-06-07T14:31:26	1	0	7	6	1	0.9509	0.9525	0.0016	-0.9999	-0.9999	0.0000
2023-06-07T14:33:22	1	0	6	6	0	1.0421	1.0420	-0.0001	-0.9978	-0.9979	0.0001
2023-06-07T14:33:28	1	0	4	4	0	1.0458	1.0458	-0.0001	-0.9997	-0.9997	0.0000
2023-06-07T16:03:19	1	0	1	1	0	0.9337	0.9344	0.0007	0.9948	0.9789	0.0159
2023-06-07T16:04:23	1	0	3	3	0	1.0529	1.0517	-0.0012	0.9742	0.9741	0.0001
2023-06-07T17:25:53	1	0	1	1	0	1.0233	1.0233	0.0000	0.9955	0.9956	-0.0001
2023-06-08T09:46:31	1	0	129	128	1	1.0571	1.0571	0.0000	-0.9671	-0.9671	0.0000
2023-06-08T09:50:10	1	0	10	10	0	1.0462	1.0459	-0.0003	0.9996	0.9995	0.0001
2023-06-08T09:51:25	3	0	6	6	0	0.9719	0.9735	0.0015	0.9712	0.9721	-0.0009
2023-06-08T09:56:31	1	0	77	76	1	0.9181	0.9180	-0.0001	-0.9915	-0.9908	-0.0007
2023-06-08T10:01:32	1	0	125	125	0	1.0572	1.0572	0.0000	-0.9685	-0.9684	-0.0001
2023-06-08T11:20:16	1	0	7	9	-2	1.0474	1.0459	-0.0015	0.9987	0.9974	0.0013
2023-06-08T11:35:17	1	0	7	7	0	1.0463	1.0459	-0.0004	0.999	0.9989	0.0001
2023-06-08T11:36:34	1	0	1	1	0	0.9405	0.9423	0.0018	-0.9837	-0.9823	-0.0014
2023-06-08T12:06:34	1	0	4	4	0	1.0545	1.0544	-0.0001	0.9743	0.9745	-0.0002
2023-06-08T14:33:54	1	0	1	1	0	1.0343	1.0340	-0.0003	-0.9997	-0.9997	0.0000
2023-06-09T09:50:19	1	0	17	14	3	1.0447	1.0443	-0.0004	0.9993	0.9985	0.0008
2023-06-09T09:55:27	1	0	1	1	0	1.0356	1.0353	-0.0003	-0.9699	-0.9697	-0.0002
2023-06-09T16:01:02	1	0	20	18	2	1.0443	1.0441	-0.0002	-0.9213	-0.9215	0.0002
2023-06-09T16:53:07	1	0	5	5	0	0.9589	0.9592	0.0003	0.9787	0.9703	0.0084
2023-06-12T15:15:04	1	0	1	0	1	1.0551	null	null	-0.9699	-0.9698	-0.0001
2023-06-12T17:06:44	1	0	2	2	0	1.0204	1.0202	-0.0002	-0.9607	-0.9599	-0.0008
2023-06-13T08:07:47	1	0	318	315	3	1.0615	1.0615	0.0000	-0.9716	-0.9714	-0.0002
2023-06-13T09:50:17	2	0	14	13	1	1.0467	1.0461	-0.0006	0.9898	0.9896	0.0002
2023-06-13T09:52:38	1	0	163	161	2	0.9345	0.9345	0.0000	0.9925	0.9926	-0.0001
2023-06-13T10:00:31	1	0	10	10	0	0.9413	0.9415	0.0002	0.996	0.9961	-0.0001
2023-06-13T10:24:38	1	0	1	1	0	1.0582	1.0580	-0.0002	0.9924	0.9939	-0.0015
2023-06-13T10:35:21	1	0	13	11	2	1.0359	1.0330	-0.0029	0.9919	0.9918	0.0001
2023-06-13T11:20:24	1	0	16	11	5	1.0481	1.0470	-0.0011	0.9892	0.9887	0.0005
2023-06-13T11:20:42	1	0	5	5	0	1.0392	1.0390	-0.0002	0.7811	0.7753	0.0058
2023-06-13T11:28:36	1	0	1	0	1	1.0353	null	null	-0.9991	-0.9992	0.0001
2023-06-13T11:35:25	1	0	16	16	0	1.0502	1.0499	-0.0003	0.9896	0.9889	0.0007
2023-06-13T14:49:11	1	0	10	7	3	0.9483	0.9509	0.0026	-1	-1	0.0000
2023-06-13T15:48:52	1	0	13	13	0	0.9689	0.9689	0.0000	0.9771	0.9772	-0.0001

2023-06-14T09:50:13	1	0	8	8	0	1.0307	1.0306	-0.0001	0.9895	0.9895	0.0000
2023-06-14T09:52:44	1	0	2	2	0	1.0186	1.0184	-0.0002	0.9994	0.9992	0.0002
2023-06-14T09:57:03	1	0	3	3	0	1.0469	1.0464	-0.0005	-0.7588	-0.7592	0.0004
2023-06-14T09:57:23	1	0	18	17	1	1.0464	1.0464	0.0000	0.9994	0.9994	0.0000
2023-06-14T10:12:39	1	0	3	3	0	0.9864	0.9859	-0.0005	0.9981	0.9979	0.0002
2023-06-14T10:55:34	1	0	11	10	1	1.0251	1.0255	0.0004	0.9843	0.9842	0.0001
2023-06-14T11:27:09	1	0	2	2	0	1.0456	1.0452	-0.0003	-0.7787	-0.7783	-0.0004
2023-06-14T11:40:37	1	0	6	6	0	0.9426	0.9428	0.0002	0.9498	0.9509	-0.0011
2023-06-14T11:50:48	1	0	4	4	0	1.0305	1.0294	-0.0012	-1	-0.9998	-0.0002
2023-06-14T14:31:39	1	0	6	6	0	1.0474	1.0473	-0.0001	0.9916	0.9911	0.0005
2023-06-14T15:17:23	1	0	1	1	0	0.9725	0.9730	0.0005	0.9928	0.9928	0.0000
2023-06-15T09:51:11	1	0	15	15	0	0.9688	0.9689	0.0000	0.9421	0.9426	-0.0005
2023-06-15T09:53:05	1	0	15	15	0	0.9549	0.9550	0.0001	0.9923	0.9924	-0.0001
2023-06-15T09:57:36	1	0	2	2	0	0.9905	0.9907	0.0002	-0.9873	-0.9871	-0.0002
2023-06-15T10:05:58	1	0	6	6	0	0.9887	0.9884	-0.0003	0.9973	0.9973	0.0000
2023-06-15T10:56:36	1	0	42	42	0	0.9641	0.9641	0.0000	0.956	0.9559	0.0001
2023-06-15T11:07:35	1	0	27	27	0	1.0453	1.0452	-0.0001	-1	-1	0.0000
2023-06-15T15:10:52	1	0	1	1	0	0.9781	0.9785	0.0004	0.9958	0.9958	0.0000
2023-06-16T09:49:03	1	0	11	10	1	1.0040	1.0083	0.0044	0.9712	0.9714	-0.0002
2023-06-16T09:56:19	1	0	1	1	0	1.0314	1.0306	-0.0008	-0.9739	-0.9738	-0.0001
2023-06-16T10:51:15	1	0	6	6	0	0.9927	0.9925	-0.0002	0.9974	0.9981	-0.0007
2023-06-16T11:06:16	1	0	6	6	0	0.9917	0.9914	-0.0003	0.9965	0.9964	0.0001
2023-06-16T11:22:16	1	0	1	1	0	1.0100	1.0100	0.0000	0.9973	0.9973	0.0000
2023-06-16T11:48:01	1	0	10	3	7	0.9460	1.0306	0.0846	0.9592	0.962	-0.0028
2023-06-16T11:59:19	1	0	4	4	0	1.0331	1.0321	-0.0010	0.9971	0.9969	0.0002
2023-06-16T14:58:49	1	0	4	4	0	1.0261	1.0260	-0.0001	0.9625	0.9623	0.0002
2023-06-16T15:05:56	1	0	3	3	0	1.0463	1.0462	-0.0001	-0.6955	-0.6951	-0.0004
2023-06-16T15:07:50	1	0	3	0	3	1.0326	null	null	0.9738	0.9735	0.0003
2023-06-16T15:21:19	1	0	1	1	0	0.9756	0.9760	0.0004	0.9942	0.9942	0.0000
2023-06-17T09:55:01	1	0	1	1	0	1.0238	1.0233	-0.0005	0.9819	0.9819	0.0000
2023-06-17T10:13:25	1	0	3	3	0	1.0079	1.0069	-0.0010	-0.9975	0.9991	0.0034
2023-06-17T11:13:29	1	0	3	3	0	1.0224	1.0224	0.0000	0.9993	0.9994	-0.0001
2023-06-17T11:38:41	1	0	1	1	0	1.0212	1.0204	-0.0008	-0.9997	-0.9999	0.0002
2023-06-17T11:44:32	1	0	9	9	0	0.9483	0.9483	0.0000	0.9976	0.9976	0.0000
2023-06-17T14:17:46	1	0	1	1	0	0.9670	0.9674	0.0004	0.9999	0.9999	0.0000
2023-06-18T09:50:41	1	0	1	1	0	1.0405	1.0398	-0.0007	-0.9985	-0.9986	0.0001
2023-06-18T09:56:09	1	0	1	1	0	1.0198	1.0194	-0.0004	-0.997	-0.9967	-0.0003
2023-06-18T09:58:32	1	0	1	1	0	1.0187	1.0181	-0.0006	0.9885	0.9884	0.0001
2023-06-18T09:59:50	1	0	2	2	0	1.0218	1.0213	-0.0005	-0.9998	-0.9998	0.0000
2023-06-18T10:00:27	2	0	31	31	0	1.0524	1.0522	-0.0001	0.9799	0.9797	0.0002
2023-06-18T13:57:21	1	0	4	4	0	1.0010	1.0011	0.0001	0.962	0.9622	-0.0002
2023-06-18T14:11:16	1	0	2	2	0	0.9984	0.9986	0.0001	1	-1	0.0000
2023-06-18T14:27:34	1	0	5	5	0	0.9589	0.9590	0.0001	0.9943	0.9944	-0.0001
2023-06-18T15:40:26	1	0	4	4	0	1.0031	1.0032	0.0001	-0.9944	-0.9944	0.0000
2023-06-19T09:48:54	2	0	10	10	0	0.9543	0.9543	0.0000	0.9541	0.9547	-0.0006
2023-06-19T14:10:28	1	0	1	1	0	0.9690	0.9693	0.0003	0.9933	0.9945	-0.0012
2023-06-19T14:15:24	1	0	1	1	0	0.9590	0.9599	0.0009	0.9823	0.9825	-0.0002
2023-06-19T14:21:46	1	0	8	8	0	0.9402	0.9407	0.0005	0.9635	0.9637	-0.0002
2023-06-19T15:07:31	1	0	1	1	0	1.0344	1.0340	-0.0004	0.9833	0.9833	0.0000
2023-06-19T15:17:30	1	0	1	0	1	1.0396	null	null	0.9972	0.9971	0.0001
2023-06-20T11:21:11	1	0	1	1	0	1.0447	1.0441	-0.0006	1	-1	0.0000
2023-06-20T11:34:06	1	0	16	15	1	0.9504	0.9499	-0.0005	0.9506	0.9512	-0.0006
2023-06-20T14:07:28	1	0	1	1	0	1.0187	1.0183	-0.0004	0.9997	0.9997	0.0000
2023-06-20T14:33:43	1	0	2	2	0	0.9549	0.9552	0.0003	0.9244	0.9245	-0.0001
2023-06-20T14:36:07	1	0	12	12	0	1.0397	1.0395	-0.0001	0.9993	0.9988	0.0005
2023-06-20T14:39:05	1	0	1	0	1	0.9810	null	null	0.9992	0.9992	0.0000
2023-06-20T15:11:19	1	0	1	1	0	0.9588	0.9591	0.0003	0.9987	0.9988	-0.0001
2023-06-21T09:46:27	1	0	1	1	0	1.0237	1.0234	-0.0003	-0.9998	-0.9999	0.0001
2023-06-21T09:49:20	1	0	2	2	0	0.9851	0.9848	-0.0003	0.9665	0.9664	0.0001
2023-06-21T09:52:26	1	0	1	1	0	1.0293	1.0289	-0.0004	-0.9957	-0.9957	0.0000
2023-06-21T09:56:33	1	0	4	4	0	1.0035	1.0034	-0.0002	0.9991	0.9993	-0.0002
2023-06-21T09:59:46	1	0	2	2	0	1.0103	1.0095	-0.0008	-0.9998	-0.9998	0.0000
2023-06-21T12:04:29	1	0	11	11	0	0.9610	0.9610	0.0000	0.9676	0.968	-0.0004
2023-06-23T08:08:32	1	0	116	88	28	1.0565	1.0545	-0.0021	-0.9942	-0.9982	0.0040
2023-06-23T09:46:56	1	0	8	8	0	1.0330	1.0329	-0.0001	0.9865	0.986	0.0005
2023-06-23T09:48:46	1	0	4	4	0	1.0041	1.0040	-0.0001	0.9961	0.9999	-0.0038
2023-06-23T09:50:54	3	0	8	7	1	1.0422	1.0414	-0.0009	0.9996	0.9996	0.0000
2023-06-23T09:57:07	1	0	1	1	0	1.0459	1.0455	-0.0004	0.989	0.9886	0.0004
2023-06-23T09:57:08	1	0	4	4	0	1.0462	1.0459	-0.0004	0.9988	0.9987	0.0001
2023-06-24T10:10:22	1	0	1	1	0	0.9630	0.9633	0.0003	0.9999	0.9999	0.0000
2023-06-24T11:16:29	1	0	1	1	0	1.0376	1.0376	0.0000	-0.9944	-0.9953	0.0009
2023-06-24T11:31:30	1	0	2	2	0	1.0464	1.0462	-0.0001	-0.9974	-0.9963	-0.0011
2023-06-24T17:22:12	1	0	55	55	0	0.9774	0.9774	0.0000	0.9639	0.9639	0.0000
2023-06-25T13:20:41	1	0	1	0	1	1.0060	null	null	-1	-0.9999	-0.0001
2023-06-25T13:54:48	1	0	4	4	0	0.9494	0.9496	0.0002	0.9946	0.9947	-0.0001
2023-06-25T14:15:18	1	0	52	52	0	1.0587	1.0586	-0.0001	0.9992	0.9992	0.0000
2023-06-25T14:30:39	1	0	2	2	0	1.0354	1.0353	-0.0002	0.9997	0.9997	0.0000
2023-06-25T15:00:20	1	0	5	5	0	1.0460	1.0460	0.0000	0.9985	0.9985	0.0000
2023-06-25T15:02:03	1	0	5	5	0	0.9783	0.9783	0.0000	0.9939	0.9938	0.0001
2023-06-26T08:13:50	1	0	2	2	0	1.0281	1.0280	-0.0001	-0.9318	-0.9308	-0.0010
2023-06-26T09:03:37	1	0	1	1	0	1.0479	1.0479	0.0000	-0.9962	-0.9961	-0.0001
2023-06-26T09:35:17	1	0	21	21	0	1.0518	1.0517	-0.0001	0.9776	0.9775	0.0001
2023-06-26T11:44:02	1	0	10	10	0	0.9643	0.9647	0.0004	0.9616	0.9617	-0.0001
2023-06-26T11:47:09	1	0	10	10	0	0.9638	0.9638	0.0000	0.9773	0.9772	0.0001
2023-06-26T11:53:33	1	0	5	5	0	0.9612	0.9613	0.0001	0.9923	0.9923	0.0000

2023-06-26T14:07:04	1	0	3	3	0	0.9536	0.9566	0.0030	0.9916	0.9918	-0.0002
2023-06-26T14:22:25	1	0	3	3	0	1.0396	1.0393	-0.0003	1	1	0.0000
2023-06-26T14:29:00	1	0	1	1	0	1.0361	1.0357	-0.0004	0.9879	0.9878	0.0001
2023-06-26T14:32:10	1	0	3	3	0	1.0368	1.0367	-0.0002	0.9996	0.9995	0.0001
2023-06-26T14:33:12	1	0	2	2	0	0.9584	0.9587	0.0003	0.9238	0.9239	-0.0001
2023-06-26T14:35:01	1	0	7	7	0	1.0477	1.0476	-0.0001	0.9979	0.9978	0.0001
2023-06-26T14:44:57	1	0	1	1	0	1.0264	1.0260	-0.0004	0.9926	0.9927	-0.0001
2023-06-26T14:49:14	1	0	3	3	0	0.9535	0.9547	0.0012	-1	-1	0.0000
2023-06-26T14:50:43	1	0	2	2	0	0.9823	0.9818	-0.0006	0.9974	0.9959	0.0015
2023-06-26T14:51:37	1	0	1	1	0	1.0385	1.0381	-0.0004	0.9993	0.9993	0.0000
2023-06-26T14:53:11	1	0	1	0	1	1.0361	null	null	-0.9975	-0.9976	0.0001
2023-06-26T14:58:37	1	0	1	1	0	0.9925	0.9920	-0.0005	-0.9993	-0.9993	0.0000
2023-06-26T15:19:16	1	0	8	8	0	0.9465	0.9467	0.0002	0.9996	0.9996	0.0000
2023-06-26T15:25:24	1	0	1	1	0	0.9586	0.9594	0.0008	0.9964	0.9976	-0.0012
2023-06-26T15:26:13	1	0	4	4	0	0.9435	0.9440	0.0005	-1	-1	0.0000
2023-06-26T15:46:44	1	0	1	0	1	0.9598	null	null	-1	-1	0.0000
2023-06-26T15:56:15	1	0	2	2	0	1.0224	1.0222	-0.0001	-0.9999	-0.9999	0.0000
2023-06-26T16:01:45	1	0	2	2	0	0.9593	0.9597	0.0004	-1	-1	0.0000
2023-06-26T16:26:15	1	0	4	4	0	1.0046	1.0046	-0.0001	0.9604	0.9602	0.0002
2023-06-26T17:02:03	1	0	3	3	0	0.9518	0.9519	0.0001	0.978	0.978	0.0000
2023-06-27T08:18:50	1	0	2	2	0	1.0251	1.0250	-0.0001	-0.9255	-0.9243	-0.0012
2023-06-27T09:23:25	1	0	7	7	0	0.9410	0.9411	0.0001	0.9683	0.9685	-0.0002
2023-06-27T09:29:38	1	0	1	1	0	0.9560	0.9563	0.0003	-0.9999	-0.9999	0.0000
2023-06-27T09:30:58	1	0	53	53	0	0.9687	0.9688	0.0001	0.9595	0.9595	0.0000
2023-06-27T09:31:03	1	0	21	21	0	1.0581	1.0581	0.0000	-0.9898	-0.9898	0.0000
2023-06-27T09:38:26	1	0	6	6	0	0.9412	0.9415	0.0002	0.9687	0.9687	0.0000
2023-06-27T09:40:14	1	0	15	15	0	1.0494	1.0493	-0.0001	0.9782	0.9781	0.0001
2023-06-27T09:40:19	1	0	4	3	1	1.0452	1.0447	-0.0006	-1	-1	0.0000
2023-06-27T09:45:46	1	0	2	2	0	1.0204	1.0203	-0.0002	-0.9992	-0.9992	0.0000
2023-06-27T09:48:10	1	0	2	2	0	1.0310	1.0306	-0.0004	0.9974	0.9974	0.0000
2023-06-27T09:50:37	1	0	1	1	0	0.9596	0.9600	0.0004	0.9803	0.9804	-0.0001
2023-06-27T09:52:46	1	0	79	78	1	1.0450	1.0449	-0.0001	0.9615	0.9615	0.0000
2023-06-27T10:06:59	1	0	10	10	0	0.9937	0.9937	0.0001	0.9871	0.987	0.0001
2023-06-27T10:10:21	1	0	15	15	0	1.0480	1.0477	-0.0003	0.9996	0.9996	0.0000
2023-06-27T10:11:38	1	0	1	1	0	1.0166	1.0162	-0.0004	0.9999	0.9999	0.0000
2023-06-27T10:12:37	1	0	3	3	0	1.0363	1.0359	-0.0004	-0.9976	-0.9977	0.0001
2023-06-27T10:14:52	1	0	3	3	0	1.0158	1.0157	-0.0001	-0.9999	-0.9999	0.0000
2023-06-27T10:20:30	1	0	2	2	0	1.0397	1.0397	-0.0001	1	1	0.0000
2023-06-27T10:22:00	1	0	10	10	0	0.9930	0.9929	0.0000	0.9855	0.9854	0.0001
2023-06-27T10:23:57	1	0	3	3	0	1.0297	1.0295	-0.0002	0.9905	0.9904	0.0001
2023-06-27T10:24:56	1	0	8	8	0	1.0363	1.0360	-0.0004	0.9983	0.9989	-0.0006
2023-06-27T10:25:44	1	0	2	2	0	1.0357	1.0355	-0.0002	-0.9996	-0.9996	0.0000
2023-06-27T10:31:02	1	0	64	64	0	0.9604	0.9603	0.0000	0.9522	0.9522	0.0000
2023-06-27T10:35:31	1	0	2	2	0	1.0380	1.0379	-0.0001	0.9997	0.9998	-0.0001
2023-06-27T10:35:44	1	0	1	1	0	1.0181	1.0177	-0.0004	0.9921	0.9917	0.0004
2023-06-27T10:38:33	1	0	7	7	0	0.9235	0.9238	0.0004	0.9691	0.9682	0.0009
2023-06-27T10:38:58	1	0	1	1	0	1.0292	1.0289	-0.0003	0.9939	0.9939	0.0000
2023-06-27T10:40:39	1	0	1	1	0	1.0112	1.0102	-0.0010	0.9982	0.9981	0.0001
2023-06-27T10:42:40	1	0	2	2	0	1.0364	1.0361	-0.0003	-0.9985	-0.9986	0.0001
2023-06-27T10:44:54	1	0	6	6	0	1.0195	1.0194	-0.0001	-0.9999	-0.9999	0.0000
2023-06-27T10:45:40	1	0	1	1	0	1.0216	1.0208	-0.0008	-0.9853	-0.9854	0.0001
2023-06-27T11:34:52	1	0	1	1	0	1.0382	1.0381	-0.0001	0.9933	0.9889	0.0044
2023-06-27T11:34:58	1	0	1	0	1	1.0451	null	null	-0.809	-0.8092	0.0002
2023-06-27T11:35:18	1	0	5	6	-1	1.0447	1.0433	-0.0014	0.998	0.9972	0.0008
2023-06-27T11:35:31	1	0	3	4	-1	1.0292	1.0331	0.0039	0.999	0.999	0.0000
2023-06-27T11:36:41	1	0	1	1	0	1.0264	1.0260	-0.0004	0.9965	0.9965	0.0000
2023-06-27T11:40:59	1	0	53	52	1	0.9624	0.9626	0.0002	0.9662	0.9664	-0.0002
2023-06-27T11:42:09	1	0	2	2	0	0.9915	0.9915	0.0000	-0.9784	-0.9782	-0.0002
2023-06-27T11:45:40	1	0	1	1	0	1.0151	1.0145	-0.0006	0.9878	0.9871	0.0007
2023-06-27T11:48:26	2	0	5	5	0	0.9407	0.9410	0.0003	0.9791	0.9792	-0.0001
2023-06-27T11:55:59	1	0	74	74	0	0.9638	0.9639	0.0001	0.9626	0.9627	-0.0001
2023-06-27T12:05:33	1	0	3	3	0	1.0154	1.0145	-0.0009	0.9937	0.9942	-0.0005
2023-06-27T12:31:25	1	0	5	5	0	1.0289	1.0286	-0.0002	0.9743	0.9739	0.0004
2023-06-27T12:35:37	1	0	1	1	0	1.0105	1.0098	-0.0007	0.9918	0.9927	-0.0009
2023-06-27T12:36:46	1	0	1	1	0	0.9586	0.9589	0.0003	0.9034	0.9036	-0.0002
2023-06-27T12:59:00	1	0	2	2	0	1.0179	1.0177	-0.0002	-0.9732	-0.9726	-0.0006
2023-06-27T13:00:43	1	0	15	18	-3	0.9858	0.9963	0.0105	0.9828	0.9839	-0.0011
2023-06-27T13:29:48	1	0	1	0	1	0.9596	null	null	0.9929	0.9929	0.0000
2023-06-27T13:35:15	1	0	1	1	0	1.0284	1.0281	-0.0003	-0.9986	-0.9986	0.0000
2023-06-27T13:39:46	1	0	3	3	0	0.9975	0.9976	0.0001	-0.9893	-0.9893	0.0000
2023-06-27T13:51:42	1	0	3	3	0	1.0345	1.0344	-0.0001	-0.9996	-0.9996	0.0000
2023-06-27T13:55:54	1	0	4	4	0	1.0179	1.0177	-0.0001	-0.9996	-0.9996	0.0000
2023-06-27T14:00:49	1	0	2	2	0	1.0109	1.0107	-0.0002	0.9824	0.9816	0.0008
2023-06-27T14:04:01	1	0	10	10	0	1.0348	1.0346	-0.0002	0.9996	0.9996	0.0000
2023-06-27T14:05:28	1	0	6	7	-1	1.0439	1.0435	-0.0004	0.9995	0.9995	0.0000
2023-06-27T14:06:45	1	0	4	4	0	0.9521	0.9524	0.0003	0.9983	0.9983	0.0000
2023-06-27T14:12:19	1	0	92	92	0	0.9613	0.9614	0.0001	0.9619	0.9619	0.0000
2023-06-27T14:16:54	1	0	1	1	0	1.0342	1.0335	-0.0007	0.9997	0.9997	0.0000
2023-06-27T14:18:42	1	0	12	10	2	0.9476	0.9403	-0.0073	0.968	0.9684	-0.0004
2023-06-27T14:19:02	1	0	6	6	0	1.0312	1.0310	-0.0003	0.9997	0.9997	0.0000
2023-06-27T14:19:49	1	0	4	4	0	1.0510	1.0508	-0.0003	0.9871	0.9869	0.0002
2023-06-27T14:20:29	1	0	8	7	1	1.0445	1.0439	-0.0006	0.9999	1	-0.0001
2023-06-27T14:22:55	1	0	2	2	0	0.9970	0.9974	0.0004	0.968	0.9673	0.0007
2023-06-27T14:31:50	1	0	11	11	0	1.0443	1.0442	-0.0001	-0.9897	-0.9901	0.0004
2023-06-27T14:32:08	1	0	12	12	0	0.9978	0.9977	-0.0001	0.9899	0.9898	0.0001

2023-06-27T14:33:43	1	0	12	12	0	0.9495	0.9496	0.0000	0.9683	0.9686	-0.0003
2023-06-27T14:34:03	1	0	7	7	0	1.0343	1.0339	-0.0003	0.9998	0.9997	0.0001
2023-06-27T14:34:15	1	0	1	1	0	1.0183	1.0176	-0.0007	0.9839	0.9838	0.0001
2023-06-27T14:35:30	1	0	9	7	2	1.0450	1.0441	-0.0008	0.9995	0.9995	0.0000
2023-06-27T14:36:46	1	0	2	2	0	1.0258	1.0256	-0.0002	-0.9997	-0.9997	0.0000
2023-06-27T14:43:24	1	0	1	1	0	0.9972	0.9967	-0.0005	-0.9971	-0.9971	0.0000
2023-06-27T14:45:39	1	0	4	4	0	1.0407	1.0405	-0.0001	0.9995	0.9995	0.0000
2023-06-27T14:46:10	1	0	1	1	0	1.0289	1.0285	-0.0004	0.9743	0.9741	0.0002
2023-06-27T14:49:16	1	0	2	2	0	1.0322	1.0318	-0.0004	0.9843	0.9842	0.0001
2023-06-27T14:50:26	1	0	5	5	0	1.0461	1.0458	-0.0003	0.9601	0.9599	0.0002
2023-06-27T14:52:58	1	0	1	0	1	1.0305	null	null	0.9673	0.9613	0.0060
2023-06-27T14:52:59	1	0	10	10	0	1.0284	1.0285	0.0001	0.9998	0.9998	0.0000
2023-06-27T14:54:51	1	0	12	11	1	0.9310	0.9303	-0.0006	0.9695	0.9738	-0.0043
2023-06-27T14:58:42	1	0	10	10	0	1.0396	1.0394	-0.0002	0.9996	0.9996	0.0000
2023-06-27T15:00:53	1	0	19	19	0	0.9999	1.0001	0.0002	0.9816	0.9819	-0.0003
2023-06-27T15:01:57	1	0	3	3	0	1.0410	1.0409	-0.0002	0.9995	0.9995	0.0000
2023-06-27T15:03:45	1	0	11	11	0	0.9410	0.9410	0.0000	0.9641	0.9643	-0.0002
2023-06-27T15:04:59	1	0	104	102	2	1.0508	1.0506	-0.0002	-0.997	-0.9972	0.0002
2023-06-27T15:05:32	1	0	2	1	1	1.0389	1.0353	-0.0036	0.9989	0.9989	0.0000
2023-06-27T15:09:52	1	0	2	2	0	0.9523	0.9532	0.0009	0.9958	0.9968	-0.0010
2023-06-27T15:35:14	1	0	2	0	2	1.0451	null	null	-0.8889	-0.8893	0.0004
2023-06-27T15:35:37	1	0	3	3	0	0.9739	0.9742	0.0003	0.9973	0.9973	0.0000
2023-06-27T15:38:00	1	0	6	6	0	1.0201	1.0202	0.0001	0.9821	0.9816	0.0005
2023-06-27T15:45:22	1	0	23	20	3	1.0517	1.0518	0.0000	0.9997	0.9997	0.0000
2023-06-27T16:04:29	1	0	1	1	0	0.9774	0.9777	0.0003	0.9666	0.9659	0.0007
2023-06-27T16:10:54	1	0	6	6	0	1.0319	1.0317	-0.0002	0.9624	0.9642	-0.0018
2023-06-27T16:15:24	1	0	22	19	3	1.0498	1.0498	0.0000	0.9989	0.9989	0.0000
2023-06-28T09:37:49	1	0	6	6	0	1.0260	1.0259	-0.0001	0.9997	0.9997	0.0000
2023-06-28T10:47:37	1	0	2	2	0	0.9871	0.9879	0.0008	0.9897	0.9901	-0.0004
2023-06-28T10:57:41	1	0	15	15	0	1.0514	1.0512	-0.0002	0.9996	0.9995	0.0001
2023-06-28T11:06:28	1	0	10	10	0	0.9617	0.9621	0.0004	0.9939	0.994	-0.0001
2023-06-28T11:47:41	1	0	3	3	0	0.9790	0.9792	0.0002	0.9915	0.9916	-0.0001
2023-06-28T13:35:10	1	0	2	2	0	1.0238	1.0236	-0.0002	0.9826	0.9826	0.0000
2023-06-28T14:36:11	1	0	1	1	0	1.0399	1.0395	-0.0004	-0.9999	-0.9999	0.0000
2023-06-28T14:37:17	1	0	32	32	0	1.0553	1.0551	-0.0002	0.9982	0.9981	0.0001
2023-06-28T15:22:20	2	0	16	15	1	1.0522	1.0522	0.0000	0.9973	0.9972	0.0001
2023-06-28T16:07:23	1	0	41	41	0	1.0555	1.0555	0.0000	0.9977	0.9976	0.0001
2023-06-29T08:13:43	1	0	2	2	0	1.0261	1.0258	-0.0003	-0.9878	-0.988	0.0002
2023-06-29T08:14:01	1	0	2	2	0	1.0200	1.0199	-0.0001	-0.9985	-0.9984	-0.0001
2023-06-29T08:58:46	1	0	1	1	0	1.0353	1.0344	-0.0009	-0.9676	-0.9682	0.0006
2023-06-29T09:03:39	1	0	3	3	0	1.0207	1.0205	-0.0002	0.9646	0.9646	0.0000
2023-06-29T09:35:58	1	0	15	15	0	1.0500	1.0499	-0.0001	0.9787	0.9786	0.0001
2023-06-29T09:36:03	1	0	18	18	0	1.0504	1.0500	-0.0004	0.999	0.9989	0.0001
2023-06-29T09:43:55	1	0	1	1	0	1.0257	1.0252	-0.0005	0.9842	0.9841	0.0001
2023-06-29T09:47:29	1	0	1	1	0	1.0398	1.0393	-0.0005	0.9997	0.9997	0.0000
2023-06-29T09:51:17	1	0	4	4	0	1.0078	1.0071	-0.0006	0.9974	0.9971	0.0003
2023-06-29T09:52:18	1	0	1	1	0	1.0219	1.0215	-0.0004	-0.999	-0.999	0.0000
2023-06-29T09:56:44	1	0	27	27	0	0.9469	0.9470	0.0001	0.958	0.958	0.0000
2023-06-29T10:02:08	1	0	4	4	0	1.0269	1.0267	-0.0002	0.975	0.9746	0.0004
2023-06-29T10:02:43	1	0	7	7	0	0.9571	0.9573	0.0002	0.9723	0.9722	0.0001
2023-06-29T10:06:18	1	0	2	2	0	1.0077	1.0069	-0.0009	0.9906	0.9906	0.0000
2023-06-29T10:08:18	1	0	3	3	0	1.0348	1.0344	-0.0004	-0.9977	-0.9978	0.0001
2023-06-29T10:10:36	1	0	4	4	0	0.9957	0.9957	-0.0001	0.9966	0.9966	0.0000
2023-06-29T10:11:22	1	0	1	1	0	1.0323	1.0320	-0.0003	-0.9743	-0.9741	-0.0002
2023-06-29T10:16:12	1	0	1	0	1	1.0329	null	null	0.9994	0.9994	0.0000
2023-06-29T10:19:39	1	0	1	1	0	1.0352	1.0346	-0.0006	0.9933	0.9933	0.0000
2023-06-29T10:20:26	2	0	8	8	0	1.0473	1.0471	-0.0003	-0.9991	-0.9992	0.0001
2023-06-29T10:20:39	1	0	3	3	0	1.0273	1.0272	-0.0001	0.9735	0.9733	0.0002
2023-06-29T10:21:20	1	0	2	2	0	1.0026	1.0022	-0.0004	0.9903	0.9904	-0.0001
2023-06-29T10:21:26	1	0	3	3	0	1.0374	1.0373	-0.0001	0.9998	0.9998	0.0000
2023-06-29T10:26:46	1	0	51	51	0	0.9603	0.9603	0.0000	0.9542	0.9541	0.0001
2023-06-29T10:27:56	1	0	2	2	0	0.9979	0.9982	0.0003	-0.979	-0.9787	-0.0003
2023-06-29T10:29:00	1	0	1	1	0	1.0011	1.0006	-0.0005	-0.9996	-0.9996	0.0000
2023-06-29T10:30:53	1	0	15	15	0	1.0481	1.0478	-0.0003	0.9984	0.9983	0.0001
2023-06-29T10:31:24	1	0	1	1	0	0.9591	0.9600	0.0009	0.9813	0.9816	-0.0003
2023-06-29T10:32:45	1	0	8	8	0	0.9919	0.9917	-0.0001	0.9872	0.987	0.0002
2023-06-29T10:36:21	1	0	2	2	0	1.0020	1.0016	-0.0005	0.9937	0.9937	0.0000
2023-06-29T10:38:24	1	0	2	2	0	1.0362	1.0361	-0.0002	-0.997	-0.997	0.0000
2023-06-29T10:39:07	1	0	1	1	0	0.9843	0.9852	0.0009	0.9969	0.9971	-0.0002
2023-06-29T10:41:12	1	0	1	1	0	0.9775	0.9779	0.0004	-0.9977	-0.9977	0.0000
2023-06-29T10:46:23	1	0	2	2	0	1.0104	1.0100	-0.0004	0.961	0.9609	0.0001
2023-06-29T10:47:46	1	0	7	7	0	0.9904	0.9903	0.0000	0.9911	0.9909	0.0002
2023-06-29T10:51:03	1	0	2	1	1	1.0453	1.0451	-0.0002	0.9224	0.9221	0.0003
2023-06-29T10:51:08	1	0	2	2	0	1.0404	1.0401	-0.0003	0.9968	0.9967	0.0001
2023-06-29T10:54:08	1	0	1	1	0	0.9806	0.9811	0.0005	0.9953	0.9955	-0.0002
2023-06-29T10:55:39	1	0	3	3	0	0.9929	0.9928	-0.0001	0.996	0.996	0.0000
2023-06-29T10:56:48	1	0	75	75	0	0.9670	0.9670	0.0000	0.951	0.9509	0.0001
2023-06-29T10:59:13	1	0	7	7	0	1.0438	1.0436	-0.0002	0.9995	0.9995	0.0000
2023-06-29T11:00:55	1	0	15	13	2	1.0473	1.0471	-0.0001	0.9971	0.9971	0.0000
2023-06-29T11:01:15	1	0	2	2	0	1.0296	1.0296	-0.0001	0.9998	0.9998	0.0000
2023-06-29T11:01:30	1	0	1	1	0	1.0227	1.0217	-0.0010	0.9978	0.9971	0.0007
2023-06-29T11:04:16	1	0	4	3	1	1.0120	1.0146	0.0025	0.9648	0.9641	0.0007
2023-06-29T11:07:12	1	0	2	2	0	1.0207	1.0206	-0.0002	-0.9913	-0.9913	0.0000
2023-06-29T11:09:09	1	0	1	1	0	0.9787	0.9792	0.0005	0.9949	0.9961	-0.0012
2023-06-29T11:14:29	1	0	1	0	1	1.0256	null	null	-0.9958	-0.9958	0.0000

2023-06-29T11:16:31	1	0	1	0	1	1.0202	null	null	0.998	0.9977	0.0003
2023-06-29T11:22:20	1	0	1	1	0	0.9563	0.9576	0.0013	0.8246	0.8254	-0.0008
2023-06-29T11:22:24	1	0	2	2	0	1.0353	1.0348	-0.0005	-0.9976	-0.9977	0.0001
2023-06-29T11:23:34	1	0	1	0	1	0.9701	null	null	0.9567	0.957	-0.0003
2023-06-29T11:31:28	1	0	25	23	2	0.9320	0.9311	-0.0010	0.989	0.9895	-0.0005
2023-06-29T11:34:44	1	0	3	3	0	1.0300	1.0298	-0.0002	0.9921	0.9921	0.0000
2023-06-29T11:38:35	1	0	1	1	0	0.9651	0.9658	0.0007	0.9571	0.9576	-0.0005
2023-06-29T11:46:29	1	0	28	28	0	0.9263	0.9264	0.0002	0.9745	0.9746	-0.0001
2023-06-29T11:49:19	1	0	9	9	0	0.9734	0.9735	0.0001	0.9623	0.9635	-0.0012
2023-06-29T11:53:38	1	0	3	3	0	0.9877	0.9879	0.0003	-0.9999	-0.9999	0.0000
2023-06-29T11:56:42	1	0	1	1	0	1.0117	1.0114	-0.0003	0.9999	0.9999	0.0000
2023-06-29T12:00:59	1	0	27	27	0	1.0524	1.0524	0.0000	0.9997	0.9996	0.0001
2023-06-29T12:14:37	1	0	3	3	0	1.0310	1.0307	-0.0004	-0.9601	-0.9599	-0.0002
2023-06-29T14:00:47	1	0	1	1	0	0.9592	0.9598	0.0006	0.982	0.9822	-0.0002
2023-06-29T14:04:15	1	0	2	2	0	0.9582	0.9586	0.0003	0.9438	0.9438	0.0000
2023-06-29T14:04:36	2	0	11	11	0	0.9368	0.9370	0.0002	0.9693	0.9701	-0.0008
2023-06-29T14:14:31	1	0	3	3	0	1.0464	1.0463	-0.0001	0.9973	0.9972	0.0001
2023-06-29T14:14:44	1	0	7	7	0	1.0427	1.0422	-0.0005	0.9617	0.9587	0.0030
2023-06-29T14:15:06	1	0	14	14	0	1.0523	1.0521	-0.0002	0.9851	0.985	0.0001
2023-06-29T14:16:24	1	0	4	4	0	0.9484	0.9489	0.0005	0.9995	0.9995	0.0000
2023-06-29T14:16:33	1	0	2	0	2	0.9597	null	null	0.9794	0.9795	-0.0001
2023-06-29T14:17:36	1	0	11	11	0	1.0227	1.0227	0.0000	-0.9978	-0.9978	0.0000
2023-06-29T14:20:51	1	0	67	68	-1	0.9613	0.9615	0.0002	0.9689	0.9691	-0.0002
2023-06-29T14:23:15	1	0	2	2	0	1.0292	1.0292	0.0000	0.999	0.999	0.0000
2023-06-29T14:25:17	1	0	2	2	0	1.0300	1.0299	-0.0001	0.9987	0.9987	0.0000
2023-06-29T14:25:24	1	0	1	1	0	1.0128	1.0125	-0.0003	0.9706	0.9705	0.0001
2023-06-29T14:25:48	1	0	3	3	0	0.9982	0.9985	0.0003	-0.9993	-0.9992	-0.0001
2023-06-29T14:28:05	1	0	2	2	0	0.9588	0.9589	0.0001	0.944	0.944	0.0000
2023-06-29T14:28:18	1	0	10	10	0	0.9229	0.9232	0.0003	0.9693	0.9705	-0.0012
2023-06-29T14:28:45	1	0	3	3	0	1.0316	1.0315	-0.0001	0.9955	0.9955	0.0000
2023-06-29T14:29:04	1	0	1	1	0	0.9733	0.9737	0.0004	0.9774	0.9775	-0.0001
2023-06-29T14:30:06	1	0	12	12	0	1.0506	1.0505	-0.0001	0.9834	0.9833	0.0001
2023-06-29T14:30:11	1	0	1	1	0	1.0421	1.0415	-0.0006	0.9946	0.9946	0.0000
2023-06-29T14:30:28	1	0	1	1	0	1.0331	1.0330	-0.0001	-1	-1	0.0000
2023-06-29T14:33:43	1	0	15	15	0	0.9494	0.9497	0.0003	0.878	0.8789	-0.0009
2023-06-29T14:35:16	1	0	17	17	0	0.9585	0.9587	0.0002	0.9997	0.9989	0.0008
2023-06-29T14:36:24	1	0	4	4	0	1.0521	1.0515	-0.0005	0.9968	0.9967	0.0001
2023-06-29T14:40:18	1	0	1	1	0	1.0326	1.0316	-0.0010	0.9996	0.9996	0.0000
2023-06-29T14:40:48	1	0	3	3	0	1.0004	1.0005	0.0001	-0.9987	-0.9987	0.0000
2023-06-29T14:42:09	1	0	7	7	0	0.9552	0.9561	0.0009	0.9665	0.9581	0.0084
2023-06-29T14:43:19	1	0	10	10	0	0.9261	0.9264	0.0004	0.9751	0.9761	-0.0010
2023-06-29T14:43:43	1	0	6	6	0	1.0162	1.0166	0.0004	-0.9992	-0.9991	-0.0001
2023-06-29T14:43:45	1	0	3	3	0	1.0303	1.0302	-0.0001	0.995	0.995	0.0000
2023-06-29T14:48:44	1	0	14	14	0	0.9490	0.9492	0.0002	0.8833	0.8838	-0.0005
2023-06-29T14:49:26	1	0	3	3	0	0.9573	0.9575	0.0003	0.9927	0.9914	0.0013
2023-06-29T14:51:30	1	0	1	1	0	0.9624	0.9628	0.0004	0.9706	0.9706	0.0000
2023-06-29T14:55:19	1	0	2	2	0	1.0326	1.0324	-0.0002	0.9997	0.9997	0.0000
2023-06-29T14:57:10	1	0	4	4	0	0.9568	0.9570	0.0001	0.9598	0.9599	-0.0001
2023-06-29T14:58:20	1	0	11	11	0	0.9403	0.9405	0.0002	0.9775	0.9782	-0.0007
2023-06-29T14:58:46	1	0	2	2	0	1.0268	1.0267	-0.0001	0.9947	0.9947	0.0000
2023-06-29T15:00:13	2	0	6	6	0	0.9651	0.9654	0.0003	0.9964	0.9954	0.0010
2023-06-29T15:02:30	1	0	1	0	1	1.0452	null	null	0.9973	0.9973	0.0000
2023-06-29T15:04:27	1	0	1	0	1	0.9690	null	null	0.9955	0.9964	-0.0009
2023-06-29T15:10:33	1	0	15	15	0	0.9833	0.9839	0.0006	0.9813	0.9822	-0.0009
2023-06-29T15:10:39	1	0	3	3	0	0.9584	0.9591	0.0008	0.9952	0.9943	0.0009
2023-06-29T15:13:23	1	0	11	11	0	0.9451	0.9453	0.0001	0.9808	0.9809	-0.0001
2023-06-29T15:13:45	1	0	2	2	0	0.9574	0.9581	0.0007	-0.9995	-0.9995	0.0000
2023-06-29T15:28:24	1	0	13	13	0	0.9545	0.9546	0.0001	0.9848	0.9848	0.0000
2023-06-29T15:32:39	1	0	2	2	0	0.9941	0.9944	0.0003	0.9678	0.9675	0.0003
2023-06-29T15:55:42	1	0	1	0	1	0.9580	null	null	0.9953	0.9953	0.0000
2023-06-29T16:01:33	1	0	5	5	0	0.9581	0.9581	0.0000	0.9994	0.9994	0.0000
2023-06-29T16:10:39	1	0	1	0	1	1.0132	null	null	0.989	0.9889	0.0001
2023-06-29T16:10:43	1	0	3	3	0	0.9558	0.9562	0.0004	0.9946	0.9947	-0.0001
2023-06-29T16:20:45	1	0	10	10	0	0.9200	0.9203	0.0003	0.9851	0.9852	-0.0001
2023-06-29T16:26:43	1	0	1	1	0	1.0397	1.0393	-0.0004	0.9969	0.9969	0.0000
2023-06-29T16:53:38	1	0	1	0	1	1.0455	null	null	-0.9953	-0.9941	-0.0012
2023-06-29T18:36:55	2	0	22	22	0	1.0484	1.0484	0.0000	-0.9996	-0.9996	0.0000
2023-06-30T08:28:33	1	0	2	2	0	1.0299	1.0296	-0.0003	-0.9851	-0.9833	-0.0018
2023-06-30T09:13:36	1	0	1	1	0	1.0316	1.0303	-0.0013	-0.9885	-0.9869	-0.0016
2023-06-30T09:25:49	1	0	11	11	0	0.9636	0.9636	0.0000	0.9956	0.9956	0.0000
2023-06-30T09:26:04	1	0	34	34	0	0.9460	0.9461	0.0001	0.9591	0.9591	0.0000
2023-06-30T09:28:16	1	0	3	3	0	1.0277	1.0274	-0.0003	0.9855	0.9855	0.0000
2023-06-30T09:29:01	1	0	2	2	0	1.0120	1.0117	-0.0003	-0.999	-0.9991	0.0001
2023-06-30T09:31:46	1	0	1	1	0	1.0373	1.0369	-0.0004	-0.9976	-0.9976	0.0000
2023-06-30T09:46:54	1	0	3	3	0	0.8888	0.8890	0.0001	0.7127	0.7132	-0.0005
2023-06-30T09:50:25	2	0	3	2	1	1.0452	1.0447	-0.0006	0.9987	0.9986	0.0001
2023-06-30T09:56:30	1	0	2	2	0	0.9593	0.9596	0.0003	0.9531	0.9531	0.0000
2023-06-30T10:03:34	1	0	1	1	0	0.9530	0.9533	0.0003	0.9621	0.9623	-0.0002
2023-06-30T10:04:56	1	0	5	5	0	1.0466	1.0464	-0.0002	0.9992	0.9992	0.0000
2023-06-30T10:05:38	1	0	1	0	1	1.0038	null	null	0.991	0.9912	-0.0002
2023-06-30T10:08:20	1	0	1	1	0	0.9853	0.9860	0.0007	0.9955	0.9957	-0.0002
2023-06-30T10:09:56	1	0	3	3	0	1.0146	1.0145	-0.0001	0.9997	0.9997	0.0000
2023-06-30T10:10:43	1	0	1	1	0	1.0244	1.0242	-0.0002	-0.9864	-0.9863	-0.0001
2023-06-30T10:12:15	1	0	2	2	0	0.9958	0.9960	0.0002	-0.9804	-0.9802	-0.0002
2023-06-30T10:15:36	1	0	1	1	0	1.0404	1.0401	-0.0003	-1	-1	0.0000

2023-06-30T10:19:04	1	0	2	2	0	1.0245	1.0242	-0.0003	0.9927	0.9926	0.0001
2023-06-30T10:19:18	1	0	1	1	0	0.9787	0.9792	0.0005	0.9751	0.9753	-0.0002
2023-06-30T10:20:43	1	0	1	1	0	1.0316	1.0311	-0.0005	0.9999	0.9999	0.0000
2023-06-30T10:21:38	1	0	1	1	0	1.0183	1.0178	-0.0005	-0.9998	-0.9998	0.0000
2023-06-30T10:22:47	1	0	2	2	0	1.0324	1.0318	-0.0007	-0.9996	-0.9996	0.0000
2023-06-30T10:26:07	1	0	46	45	1	0.9788	0.9788	0.0000	0.9665	0.9665	0.0000
2023-06-30T10:32:05	1	0	12	12	0	0.9984	0.9983	-0.0001	0.9898	0.9896	0.0002
2023-06-30T10:34:05	1	0	4	4	0	1.0386	1.0385	-0.0001	0.9974	0.9974	0.0000
2023-06-30T10:34:44	1	0	4	4	0	1.0489	1.0482	-0.0007	-0.9992	-0.9993	0.0001
2023-06-30T10:41:08	1	0	50	50	0	0.9655	0.9655	0.0000	0.9659	0.9659	0.0000
2023-06-30T10:43:27	1	0	1	1	0	1.0011	1.0006	-0.0005	-0.9853	-0.9852	-0.0001
2023-06-30T10:45:38	1	0	2	2	0	1.0392	1.0391	-0.0002	0.9998	0.9999	-0.0001
2023-06-30T10:45:51	1	0	1	1	0	1.0115	1.0109	-0.0006	0.9646	0.9645	0.0001
2023-06-30T10:47:06	1	0	6	6	0	0.9769	0.9770	0.0002	0.9852	0.9852	0.0000
2023-06-30T10:48:37	1	0	6	6	0	0.9408	0.9411	0.0004	0.9524	0.952	0.0004
2023-06-30T10:48:56	1	0	7	7	0	0.9642	0.9650	0.0007	-0.9984	-0.9984	0.0000
2023-06-30T10:54:59	1	0	8	8	0	1.0280	1.0279	0.0000	1	1	0.0000
2023-06-30T10:55:48	1	0	1	1	0	0.9750	0.9754	0.0004	0.9978	0.9978	0.0000
2023-06-30T11:00:51	1	0	1	1	0	1.0203	1.0193	-0.0010	0.9916	0.9904	0.0012
2023-06-30T11:02:07	1	0	8	8	0	0.9799	0.9798	0.0000	0.9839	0.9838	0.0001
2023-06-30T11:03:58	1	0	6	6	0	0.9679	0.9685	0.0006	-0.9969	-0.9968	-0.0001
2023-06-30T11:05:25	1	0	25	23	2	1.0520	1.0522	0.0002	0.9646	0.9639	0.0007
2023-06-30T11:06:32	1	0	7	7	0	1.0253	1.0251	-0.0002	-0.9994	-0.9994	0.0000
2023-06-30T11:07:52	1	0	2	1	1	0.9992	1.0226	0.0235	0.9594	0.9599	-0.0005
2023-06-30T11:09:58	1	0	1	1	0	0.9625	0.9632	0.0007	0.9941	0.9952	-0.0011
2023-06-30T11:10:56	1	0	10	10	0	0.9645	0.9649	0.0004	0.9998	0.9998	0.0000
2023-06-30T11:15:40	1	0	1	1	0	1.0373	1.0367	-0.0006	0.9994	0.9994	0.0000
2023-06-30T11:16:09	1	0	1	1	0	0.9429	0.9433	0.0004	-0.9999	-0.9999	0.0000
2023-06-30T11:16:44	1	0	1	1	0	1.0366	1.0356	-0.0010	-0.9867	-0.9877	0.0010
2023-06-30T11:20:26	1	0	15	15	0	1.0520	1.0517	-0.0003	0.9619	0.9617	0.0002
2023-06-30T11:22:53	1	0	5	5	0	1.0040	1.0042	0.0001	0.9657	0.9651	0.0006
2023-06-30T11:30:23	1	0	30	30	0	1.0532	1.0528	-0.0004	1	1	0.0000
2023-06-30T11:30:53	1	0	1	1	0	1.0178	1.0174	-0.0004	0.9875	0.987	0.0005
2023-06-30T11:36:43	1	0	1	0	1	0.9596	null	null	0.8197	0.82	-0.0003
2023-06-30T11:45:24	1	0	30	30	0	1.0522	1.0521	-0.0001	0.9998	0.9998	0.0000
2023-06-30T11:51:44	1	0	2	1	1	0.9593	0.9593	0.0000	0.9995	0.9995	0.0000
2023-06-30T12:29:56	1	0	1	1	0	0.9577	0.9580	0.0003	0.9841	0.9842	-0.0001
2023-06-30T13:00:47	1	0	2	2	0	1.0352	1.0350	-0.0002	0.9999	0.9999	0.0000
2023-06-30T13:10:05	1	0	4	4	0	0.9515	0.9518	0.0004	0.9973	0.9966	0.0007
2023-06-30T13:54:58	1	0	43	36	7	0.9487	0.9524	0.0036	-0.9936	-0.9936	0.0000
2023-06-30T14:08:23	1	0	93	92	1	1.0494	1.0493	-0.0001	-0.9949	-0.995	0.0001
2023-06-30T14:27:21	1	0	4	4	0	1.0520	1.0514	-0.0006	0.9966	0.9965	0.0001
2023-06-30T14:28:15	1	0	10	10	0	1.0012	1.0011	-0.0001	0.9951	0.995	0.0001
2023-06-30T14:31:04	1	0	11	11	0	0.9605	0.9624	0.0019	0.9564	0.9578	-0.0014
2023-06-30T14:34:13	1	0	1	0	1	0.9597	null	null	-0.9994	-0.9994	0.0000
2023-06-30T14:40:11	1	0	6	6	0	0.9649	0.9655	0.0006	0.9983	0.9977	0.0006
2023-06-30T14:45:36	1	0	20	20	0	1.0499	1.0498	-0.0001	0.9979	0.9979	0.0000
2023-06-30T14:46:21	1	0	1	1	0	1.0235	1.0230	-0.0005	0.9741	0.9739	0.0002
2023-06-30T14:54:18	1	0	8	7	1	0.9606	0.9591	-0.0016	0.9003	0.8997	0.0006
2023-06-30T14:54:36	1	0	1	1	0	0.9860	0.9864	0.0004	0.9344	0.9348	-0.0004
2023-06-30T14:55:12	1	0	2	2	0	0.9614	0.9618	0.0004	0.9982	0.9982	0.0000
2023-06-30T14:56:04	1	0	3	3	0	0.9824	0.9825	0.0001	0.9996	0.9996	0.0000
2023-06-30T15:16:02	1	0	39	39	0	0.9025	0.9030	0.0005	0.9284	0.9287	-0.0003
2023-06-30T15:18:55	1	0	11	11	0	0.9555	0.9555	0.0000	0.9896	0.9899	-0.0003
2023-06-30T15:25:14	1	0	3	3	0	0.9539	0.9541	0.0002	0.9979	0.9979	0.0000
2023-06-30T15:33:56	1	0	13	13	0	0.9649	0.9648	-0.0001	0.9876	0.9879	-0.0003
2023-06-30T15:48:57	1	0	12	12	0	0.9559	0.9559	0.0000	0.9863	0.9864	-0.0001
2023-06-30T16:01:10	1	0	4	4	0	0.9938	0.9938	-0.0001	0.9675	0.967	0.0005
2023-06-30T16:05:30	1	0	1	0	1	1.0450	null	null	-0.9189	-0.9184	-0.0005
2023-06-30T16:22:07	1	0	2	2	0	1.0286	1.0283	-0.0003	-0.9973	-0.9977	0.0004
2023-06-30T17:12:10	1	0	7	7	0	1.0505	1.0505	0.0000	0.9998	0.9998	0.0000
2023-06-30T17:16:43	1	0	5	5	0	1.0376	1.0376	0.0000	-0.9984	-0.9984	0.0000
2023-06-30T17:27:11	1	0	7	7	0	1.0501	1.0501	0.0000	0.9996	0.9996	0.0000
2023-06-30T18:36:02	2	0	1	1	0	1.0380	1.0380	0.0000	0.9964	0.9964	0.0000
2023-06-30T18:36:11	1	0	20	20	0	0.9760	0.9760	0.0000	0.9884	0.9884	0.0000
2023-07-01T08:31:10	1	0	1	1	0	1.0331	1.0331	0.0000	-0.9868	-0.9867	-0.0001
2023-07-01T09:01:58	1	0	9	9	0	0.9397	0.9398	0.0000	0.974	0.974	0.0000
2023-07-01T09:20:24	1	0	15	15	0	1.0504	1.0503	-0.0001	0.9959	0.9959	0.0000
2023-07-01T09:26:12	1	0	22	22	0	1.0578	1.0578	0.0000	-0.9975	-0.9974	-0.0001
2023-07-01T09:29:01	1	0	2	2	0	1.0188	1.0186	-0.0003	-0.9423	-0.9414	-0.0009
2023-07-01T09:39:44	1	0	15	12	3	0.9590	0.9629	0.0039	-0.9852	-0.9851	-0.0001
2023-07-01T09:47:01	1	0	6	6	0	0.9324	0.9328	0.0003	0.9847	0.9849	-0.0002
2023-07-01T09:50:43	1	0	1	1	0	1.0064	1.0060	-0.0004	0.999	0.999	0.0000
2023-07-01T10:02:07	1	0	11	11	0	0.9994	0.9995	0.0001	0.9991	0.9991	0.0000
2023-07-01T10:04:23	1	0	2	2	0	0.9931	0.9937	0.0006	0.995	0.9951	-0.0001
2023-07-01T10:04:59	1	0	1	1	0	1.0341	1.0334	-0.0007	0.9983	0.9984	-0.0001
2023-07-01T10:06:43	1	0	1	1	0	0.9568	0.9577	0.0009	0.8567	0.8572	-0.0005
2023-07-01T10:09:46	1	0	5	5	0	0.9936	0.9938	0.0002	-0.9863	-0.9862	-0.0001
2023-07-01T10:09:59	1	0	4	4	0	1.0182	1.0182	-0.0001	-1	-1	0.0000
2023-07-01T10:10:32	1	0	2	2	0	0.9668	0.9670	0.0002	0.9999	0.9999	0.0000
2023-07-01T10:12:20	1	0	2	2	0	0.9966	0.9968	0.0002	-0.9689	-0.9685	-0.0004
2023-07-01T10:15:35	1	0	2	2	0	1.0375	1.0374	-0.0001	0.9977	0.9977	0.0000
2023-07-01T10:15:48	1	0	1	1	0	1.0219	1.0215	-0.0004	-0.9829	-0.9836	0.0007
2023-07-01T10:16:11	1	0	1	1	0	1.0290	1.0289	-0.0001	-0.9983	-0.9982	-0.0001
2023-07-01T10:17:08	1	0	13	13	0	0.9839	0.9840	0.0000	0.9978	0.998	-0.0002

2023-07-01T10:20:45	1	0	2	2	0	1.0033	1.0026	-0.0006	0.9984	0.9982	0.0002
2023-07-01T10:25:39	1	0	1	1	0	0.9731	0.9735	0.0004	-0.9985	-0.9985	0.0000
2023-07-01T10:30:49	1	0	1	1	0	1.0185	1.0181	-0.0004	-0.9893	-0.9895	0.0002
2023-07-01T10:32:54	2	0	46	44	2	1.0565	1.0565	0.0000	0.9989	0.9989	0.0000
2023-07-01T10:35:12	1	0	2	2	0	1.0468	1.0461	-0.0007	-0.8815	-0.8828	0.0013
2023-07-01T10:35:46	1	0	1	1	0	1.0028	1.0014	-0.0014	0.9954	0.995	0.0004
2023-07-01T10:35:50	1	0	1	1	0	1.0328	1.0325	-0.0003	-0.9955	-0.9952	-0.0003
2023-07-01T10:41:13	1	0	5	5	0	0.9611	0.9611	0.0000	0.9767	0.9766	0.0001
2023-07-01T10:43:44	1	0	3	3	0	1.0299	1.0299	-0.0001	0.9929	0.9928	0.0001
2023-07-01T10:45:17	1	0	24	24	0	1.0493	1.0491	-0.0001	0.9902	0.99	0.0002
2023-07-01T10:45:34	1	0	1	1	0	0.9886	0.9890	0.0004	-0.9934	-0.9933	-0.0001
2023-07-01T10:45:48	1	0	2	2	0	0.9909	0.9906	-0.0003	0.9651	0.965	0.0001
2023-07-01T10:46:53	1	0	1	1	0	1.0405	1.0398	-0.0007	-0.9956	-0.9957	0.0001
2023-07-01T10:47:13	1	0	9	9	0	0.9380	0.9381	0.0001	0.9813	0.9817	-0.0004
2023-07-01T10:50:13	1	0	2	2	0	1.0473	1.0470	-0.0003	-0.8986	-0.8991	0.0005
2023-07-01T10:58:07	1	0	6	6	0	1.0295	1.0294	-0.0001	0.9926	0.9926	0.0000
2023-07-01T11:00:18	1	0	14	14	0	1.0473	1.0472	-0.0001	0.9895	0.9894	0.0001
2023-07-01T11:06:35	1	0	4	4	0	1.0298	1.0297	-0.0001	-0.9935	-0.9935	0.0000
2023-07-01T11:07:50	1	0	2	2	0	1.0455	1.0451	-0.0004	0.9996	0.9996	0.0000
2023-07-01T11:09:27	1	0	1	1	0	0.9849	0.9853	0.0004	0.9641	0.9644	-0.0003
2023-07-01T11:15:39	1	0	2	2	0	1.0360	1.0357	-0.0003	0.9965	0.9964	0.0001
2023-07-01T11:21:49	1	0	1	1	0	1.0108	1.0102	-0.0006	-1	-1	0.0000
2023-07-01T11:22:55	1	0	3	3	0	1.0021	1.0025	0.0004	0.9615	0.9621	-0.0006
2023-07-01T11:34:52	1	0	4	4	0	1.0503	1.0497	-0.0006	-0.9973	-0.9974	0.0001
2023-07-01T11:35:46	1	0	2	2	0	0.9941	0.9940	-0.0002	0.9773	0.9774	-0.0001
2023-07-01T11:35:50	1	0	1	1	0	1.0060	1.0045	-0.0015	0.9894	0.9901	-0.0007
2023-07-01T11:37:56	1	0	3	3	0	1.0040	1.0043	0.0002	0.9624	0.9626	-0.0002
2023-07-01T11:47:17	1	0	8	8	0	0.9253	0.9253	0.0000	0.9801	0.9802	-0.0001
2023-07-01T12:00:57	1	0	2	2	0	0.9554	0.9561	0.0008	0.9987	0.9988	-0.0001
2023-07-01T12:58:31	1	0	1	1	0	1.0185	1.0176	-0.0009	0.9897	0.9897	0.0000
2023-07-01T13:00:26	1	0	1	1	0	1.0459	1.0456	-0.0003	0.9847	0.9845	0.0002
2023-07-01T13:51:59	1	0	3	3	0	0.9574	0.9577	0.0003	1	1	0.0000
2023-07-01T14:05:43	1	0	20	20	0	1.0569	1.0567	-0.0002	0.9963	0.9942	0.0021
2023-07-01T14:11:27	1	0	37	37	0	0.9715	0.9717	0.0002	0.9725	0.9725	0.0000
2023-07-01T14:17:27	1	0	9	9	0	0.9639	0.9639	-0.0001	0.9949	0.9949	0.0000
2023-07-01T14:19:18	1	0	2	2	0	1.0292	1.0290	-0.0003	0.9999	0.9999	0.0000
2023-07-01T14:26:28	1	0	22	21	1	0.9819	0.9818	0.0000	0.9778	0.9777	0.0001
2023-07-01T14:30:49	1	0	3	3	0	0.9846	0.9847	0.0001	-0.9959	-0.9959	0.0000
2023-07-01T14:34:19	1	0	2	2	0	1.0284	1.0281	-0.0004	0.9998	0.9998	0.0000
2023-07-01T14:35:45	1	0	25	25	0	1.0545	1.0545	0.0000	0.9951	0.9953	-0.0002
2023-07-01T14:40:18	1	0	17	17	0	0.9668	0.9668	0.0000	-0.9991	-0.999	-0.0001
2023-07-01T14:45:50	1	0	3	3	0	0.9819	0.9821	0.0002	-0.9962	-0.9961	-0.0001
2023-07-01T14:45:53	1	0	1	1	0	1.0349	1.0345	-0.0004	0.9999	0.9999	0.0000
2023-07-01T14:49:25	1	0	2	1	1	0.9586	0.9594	0.0008	-0.9965	-0.9964	-0.0001
2023-07-01T15:06:07	1	0	1	1	0	1.0172	1.0161	-0.0011	0.9798	0.9918	-0.0120
2023-07-01T15:32:43	1	0	4	4	0	1.0240	1.0235	-0.0005	0.9651	0.9667	-0.0016
2023-07-01T15:40:54	1	0	9	9	0	0.9392	0.9397	0.0006	0.9976	0.9982	-0.0006
2023-07-01T15:50:56	1	0	2	2	0	0.9426	0.9430	0.0005	-1	-1	0.0000
2023-07-01T15:55:55	1	0	7	7	0	0.9396	0.9399	0.0003	0.9971	0.9972	-0.0001
2023-07-01T17:27:17	1	0	11	11	0	1.0475	1.0475	0.0000	-0.9915	-0.9915	0.0000
2023-07-01T17:29:16	1	0	1	1	0	1.0337	1.0329	-0.0008	-0.9919	-0.9909	-0.0010
2023-07-01T17:31:02	1	0	3	3	0	0.9831	0.9831	0.0000	-0.9976	-0.9976	0.0000
2023-07-01T17:42:18	1	0	8	8	0	1.0464	1.0464	0.0000	-0.9918	-0.9918	0.0000
2023-07-02T08:11:40	1	0	18	18	0	1.0502	1.0502	0.0000	-0.9944	-0.9944	0.0000
2023-07-02T08:26:41	1	0	16	16	0	1.0488	1.0488	0.0000	-0.9948	-0.9948	0.0000
2023-07-02T09:13:49	1	0	30	30	0	1.0560	1.0559	-0.0001	0.9992	0.9992	0.0000
2023-07-02T09:29:02	1	0	2	2	0	1.0231	1.0228	-0.0003	-0.9332	-0.9324	-0.0008
2023-07-02T09:33:52	1	0	1	1	0	1.0404	1.0400	-0.0004	-0.9944	-0.9944	0.0000
2023-07-02T09:54:44	1	0	1	1	0	1.0303	1.0299	-0.0004	-0.9683	-0.968	-0.0003
2023-07-02T09:55:54	1	0	2	2	0	0.9810	0.9812	0.0002	0.9964	0.9964	0.0000
2023-07-02T10:00:29	1	0	1	1	0	0.9817	0.9820	0.0003	1	1	0.0000
2023-07-02T10:00:30	1	0	4	4	0	0.9642	0.9646	0.0004	0.999	0.9986	0.0004
2023-07-02T10:05:01	1	0	1	1	0	1.0430	1.0423	-0.0007	0.9967	0.9966	0.0001
2023-07-02T10:06:42	1	0	1	0	1	0.9596	null	null	0.8537	0.8539	-0.0002
2023-07-02T10:10:19	1	0	2	2	0	0.9870	0.9872	0.0002	0.9895	0.9895	0.0000
2023-07-02T10:13:10	1	0	5	5	0	1.0264	1.0264	-0.0001	-0.9988	-0.9988	0.0000
2023-07-02T10:15:31	1	0	7	7	0	0.9612	0.9613	0.0002	0.9989	0.9988	0.0001
2023-07-02T10:16:11	1	0	3	3	0	1.0312	1.0310	-0.0002	0.9999	0.9999	0.0000
2023-07-02T10:17:11	1	0	10	10	0	0.9932	0.9930	-0.0001	0.9956	0.9957	-0.0001
2023-07-02T10:20:47	1	0	1	1	0	1.0314	1.0310	-0.0004	0.9999	0.9998	0.0001
2023-07-02T10:24:26	1	0	1	1	0	0.9843	0.9846	0.0003	0.9622	0.9626	-0.0004
2023-07-02T10:30:31	1	0	6	6	0	0.9786	0.9787	0.0002	0.9995	0.9995	0.0000
2023-07-02T10:30:39	1	0	2	2	0	1.0346	1.0344	-0.0002	0.9969	0.997	-0.0001
2023-07-02T10:40:44	1	0	1	1	0	0.9794	0.9798	0.0004	0.9998	0.9998	0.0000
2023-07-02T10:41:15	1	0	3	3	0	1.0042	1.0040	-0.0001	0.9787	0.9786	0.0001
2023-07-02T10:45:40	1	0	1	1	0	1.0368	1.0364	-0.0004	0.9981	0.9982	-0.0001
2023-07-02T10:45:47	1	0	2	2	0	0.9941	0.9938	-0.0003	0.9845	0.9844	0.0001
2023-07-02T10:45:48	1	0	1	1	0	0.9580	0.9593	0.0013	0.9987	0.9988	-0.0001
2023-07-02T10:49:51	1	0	4	4	0	1.0508	1.0500	-0.0008	-0.9924	-0.9927	0.0003
2023-07-02T10:54:51	1	0	4	4	0	0.9867	0.9870	0.0003	-0.9877	-0.9876	-0.0001
2023-07-02T10:56:16	1	0	13	13	0	1.0011	1.0009	-0.0002	0.9781	0.978	0.0001
2023-07-02T10:58:56	1	0	16	16	0	1.0426	1.0426	-0.0001	0.991	0.9909	0.0001
2023-07-02T11:00:58	1	0	5	5	0	1.0500	1.0499	-0.0001	-0.9136	-0.9139	0.0003
2023-07-02T11:01:44	1	0	11	10	1	1.0464	1.0463	-0.0002	-0.9851	-0.9852	0.0001
2023-07-02T11:06:37	1	0	2	2	0	1.0176	1.0175	-0.0002	-0.9995	-0.9995	0.0000

2023-07-02T11:15:55	1	0	1	0	1	1.0164	null	null	-0.9971	-0.9973	0.0002
2023-07-02T11:17:15	1	0	13	13	0	0.9823	0.9823	0.0000	0.9946	0.9945	0.0001
2023-07-02T11:21:49	1	0	3	3	0	0.9573	0.9579	0.0006	1	1	0.0000
2023-07-02T11:26:18	1	0	10	10	0	0.9763	0.9764	0.0001	0.9764	0.975	0.0014
2023-07-02T11:27:27	1	0	1	1	0	1.0019	1.0033	0.0014	-0.9666	-0.9696	0.0030
2023-07-02T11:28:58	1	0	30	30	0	1.0570	1.0568	-0.0002	0.9998	0.9998	0.0000
2023-07-02T11:30:56	1	0	1	1	0	1.0161	1.0155	-0.0006	-0.9976	-0.9979	0.0003
2023-07-02T12:13:54	1	0	2	2	0	1.0293	1.0286	-0.0007	-0.9906	-0.9886	-0.0020
2023-07-02T12:45:27	2	0	2	2	0	1.0029	1.0033	0.0004	0.9847	0.9847	0.0000
2023-07-02T13:00:02	1	0	1	1	0	0.9579	0.9583	0.0004	0.987	0.9869	0.0001
2023-07-02T13:00:28	1	0	4	7	-3	1.0459	1.0455	-0.0005	0.9868	0.9866	0.0002
2023-07-02T13:02:11	1	0	10	10	0	1.0204	1.0203	-0.0001	0.9634	0.9634	0.0000
2023-07-02T13:18:51	1	0	10	10	0	0.9349	0.9349	0.0000	0.9903	0.9904	-0.0001
2023-07-02T13:29:08	1	0	16	16	0	1.0552	1.0552	0.0001	0.9954	0.9955	-0.0001
2023-07-02T13:45:45	1	0	11	11	0	0.9323	0.9323	-0.0001	0.9933	0.9951	-0.0018
2023-07-02T14:00:46	2	0	18	18	0	0.9456	0.9458	0.0001	0.9964	0.9957	0.0007
2023-07-02T14:13:42	1	0	2	2	0	0.9732	0.9730	-0.0002	-0.9915	-0.9912	-0.0003
2023-07-02T14:14:02	1	0	3	3	0	1.0289	1.0280	-0.0010	-0.9839	-0.984	0.0001
2023-07-02T14:19:22	1	0	1	1	0	1.0211	1.0211	0.0000	0.9997	0.9997	0.0000
2023-07-02T14:20:48	1	0	2	2	0	0.9417	0.9423	0.0005	0.9994	0.9997	-0.0003
2023-07-02T14:22:00	1	0	2	2	0	1.0357	1.0354	-0.0004	-0.9959	-0.996	0.0001
2023-07-02T14:26:00	1	0	4	4	0	1.0101	1.0100	-0.0001	-1	-1	0.0000
2023-07-02T14:28:38	1	0	1	0	1	1.0133	null	null	0.9885	0.9885	0.0000
2023-07-02T14:30:48	1	0	12	10	2	0.9609	0.9609	0.0001	0.9961	0.9968	-0.0007
2023-07-02T14:34:24	1	0	1	1	0	0.9585	0.9599	0.0014	-0.9986	-0.9985	-0.0001
2023-07-02T14:35:28	1	0	2	2	0	1.0461	1.0452	-0.0009	-0.9428	-0.9436	0.0008
2023-07-02T14:38:07	1	0	2	2	0	1.0450	1.0442	-0.0008	-0.9882	-0.9886	0.0004
2023-07-02T14:42:40	1	0	2	2	0	0.9822	0.9824	0.0002	-0.9857	-0.9855	-0.0002
2023-07-02T14:43:44	1	0	1	1	0	0.9591	0.9594	0.0003	-0.9925	-0.9922	-0.0003
2023-07-02T14:45:49	1	0	22	22	0	0.9508	0.9510	0.0002	0.9969	0.9918	0.0051
2023-07-02T14:45:58	1	0	2	2	0	1.0356	1.0354	-0.0002	0.9995	0.9995	0.0000
2023-07-02T14:50:29	1	0	2	2	0	1.0457	1.0454	-0.0003	-0.9392	-0.9397	0.0005
2023-07-02T14:52:38	1	0	26	26	0	1.0450	1.0449	-0.0001	-0.9929	-0.9929	0.0000
2023-07-02T14:53:07	1	0	2	2	0	1.0442	1.0439	-0.0004	-0.9887	-0.9889	0.0002
2023-07-02T15:38:50	1	0	1	1	0	0.9664	0.9672	0.0008	0.9914	0.9917	-0.0003
2023-07-02T15:44:20	1	0	15	15	0	1.0279	1.0280	0.0001	0.9889	0.9871	0.0018
2023-07-02T15:45:39	1	0	2	2	0	1.0022	1.0029	0.0007	0.9873	0.9874	-0.0001
2023-07-02T15:47:48	1	0	1	1	0	1.0136	1.0125	-0.0011	0.9748	0.9749	-0.0001
2023-07-02T16:05:57	1	0	1	1	0	1.0225	1.0211	-0.0014	0.9981	0.9981	0.0000
2023-07-02T16:10:43	1	0	5	5	0	1.0145	1.0147	0.0002	0.9821	0.9817	0.0004
2023-07-02T16:19:42	1	0	1	1	0	0.9581	0.9594	0.0013	0.9787	0.9791	-0.0004
2023-07-03T08:11:36	1	0	8	8	0	1.0514	1.0514	0.0000	1	1	0.0000
2023-07-03T08:26:37	1	0	6	6	0	1.0519	1.0518	0.0000	0.9999	0.9999	0.0000
2023-07-03T08:31:06	1	0	3	3	0	1.0261	1.0261	0.0000	0.9987	0.9987	0.0000
2023-07-03T08:39:38	1	0	65	61	4	0.9426	0.9427	0.0001	-0.9993	-0.9993	0.0000
2023-07-03T08:58:37	1	0	1	1	0	1.0334	1.0324	-0.0010	-0.9722	-0.9702	-0.0020
2023-07-03T09:17:26	1	0	14	14	0	1.0513	1.0512	-0.0001	0.9629	0.9628	0.0001
2023-07-03T09:26:09	1	0	15	15	0	1.0575	1.0575	0.0000	-0.9964	-0.9964	0.0000
2023-07-03T09:28:15	1	0	5	5	0	1.0257	1.0255	-0.0002	0.9884	0.9883	0.0001
2023-07-03T09:28:58	1	0	2	2	0	1.0175	1.0173	-0.0003	-0.9539	-0.953	-0.0009
2023-07-03T09:49:57	1	0	3	3	0	1.0182	1.0182	-0.0001	0.9928	0.9915	0.0013
2023-07-03T09:50:26	1	0	10	10	0	1.0469	1.0468	-0.0001	0.9993	0.9993	0.0000
2023-07-03T10:02:18	1	0	20	20	0	0.9403	0.9406	0.0003	-0.998	-0.998	0.0000
2023-07-03T10:03:36	1	0	1	0	1	0.9598	null	null	0.9694	0.9695	-0.0001
2023-07-03T10:04:20	1	0	2	2	0	0.9817	0.9819	0.0002	0.9823	0.9825	-0.0002
2023-07-03T10:05:16	1	0	5	5	0	1.0344	1.0343	-0.0001	-0.9984	-0.9984	0.0000
2023-07-03T10:05:41	1	0	2	2	0	1.0167	1.0159	-0.0009	0.9937	0.9935	0.0002
2023-07-03T10:07:41	1	0	2	2	0	1.0365	1.0360	-0.0006	1	0.9999	0.0001
2023-07-03T10:07:51	1	0	5	5	0	1.0138	1.0141	0.0002	0.9631	0.9629	0.0002
2023-07-03T10:09:55	1	0	2	2	0	0.9627	0.9629	0.0003	0.9969	0.9969	0.0000
2023-07-03T10:09:57	1	0	3	3	0	1.0175	1.0173	-0.0001	-0.9985	-0.9986	0.0001
2023-07-03T10:11:09	1	0	55	53	2	0.9732	0.9733	0.0001	0.9681	0.9682	-0.0001
2023-07-03T10:15:46	1	0	1	1	0	1.0127	1.0122	-0.0005	0.9847	0.984	0.0007
2023-07-03T10:16:53	2	0	46	44	2	1.0568	1.0566	-0.0001	0.9998	0.9998	0.0000
2023-07-03T10:17:05	1	0	12	12	0	0.9733	0.9734	0.0002	0.9847	0.9846	0.0001
2023-07-03T10:17:36	1	0	2	2	0	1.0249	1.0246	-0.0003	0.9377	0.9368	0.0009
2023-07-03T10:19:46	1	0	7	7	0	1.0470	1.0466	-0.0004	0.9999	0.9999	0.0000
2023-07-03T10:20:42	1	0	2	2	0	1.0118	1.0111	-0.0007	0.9941	0.9941	0.0000
2023-07-03T10:22:52	1	0	4	4	0	0.9986	0.9988	0.0002	0.9617	0.9614	0.0003
2023-07-03T10:24:56	1	0	6	6	0	0.9511	0.9515	0.0004	0.9973	0.9923	0.0050
2023-07-03T10:30:29	1	0	2	2	0	0.9798	0.9802	0.0003	0.9993	0.9993	0.0000
2023-07-03T10:32:07	1	0	10	10	0	0.9721	0.9720	-0.0001	0.9828	0.9826	0.0002
2023-07-03T10:33:38	1	0	1	1	0	0.9563	0.9566	0.0003	0.9741	0.9738	0.0003
2023-07-03T10:35:43	1	0	2	2	0	1.0155	1.0148	-0.0008	0.9941	0.9939	0.0002
2023-07-03T10:36:42	1	0	1	1	0	1.0146	1.0141	-0.0005	1	1	0.0000
2023-07-03T10:37:26	1	0	1	1	0	1.0346	1.0342	-0.0004	-1	-1	0.0000
2023-07-03T10:41:11	1	0	57	57	0	0.9724	0.9723	0.0000	0.9675	0.9675	0.0000
2023-07-03T10:45:34	1	0	2	2	0	1.0350	1.0349	-0.0002	0.9994	0.9994	0.0000
2023-07-03T10:45:45	1	0	2	2	0	0.9915	0.9911	-0.0003	0.9825	0.9824	0.0001
2023-07-03T10:45:48	1	0	1	1	0	1.0121	1.0118	-0.0003	0.9849	0.9844	0.0005
2023-07-03T10:49:01	1	0	1	1	0	1.0284	1.0281	-0.0003	0.996	0.996	0.0000
2023-07-03T10:50:10	1	0	2	2	0	1.0460	1.0452	-0.0008	-0.9278	-0.9282	0.0004
2023-07-03T10:51:42	1	0	1	1	0	0.9573	0.9584	0.0011	0.8215	0.8221	-0.0006
2023-07-03T10:58:42	1	0	1	2	-1	1.0323	1.0314	-0.0009	0.9902	0.9902	0.0000
2023-07-03T10:58:45	1	0	3	3	0	1.0274	1.0263	-0.0012	-0.96	-0.9611	0.0011

2023-07-03T11:00:31	1	0	3	3	0	0.9812	0.9814	0.0001	0.9999	1	-0.0001
2023-07-03T11:00:46	1	0	1	1	0	0.9583	0.9597	0.0014	0.9932	0.9934	-0.0002
2023-07-03T11:01:42	1	0	1	1	0	1.0320	1.0310	-0.0010	0.9966	0.9961	0.0005
2023-07-03T11:02:33	1	0	15	15	0	1.0414	1.0413	-0.0001	0.9501	0.9498	0.0003
2023-07-03T11:03:59	1	0	3	3	0	0.9836	0.9845	0.0009	-0.999	-0.999	0.0000
2023-07-03T11:05:11	1	0	1	0	1	1.0451	null	null	-0.9293	-0.9295	0.0002
2023-07-03T11:07:45	1	0	1	1	0	1.0318	1.0314	-0.0004	0.9996	0.9996	0.0000
2023-07-03T11:09:02	1	0	13	13	0	0.9511	0.9514	0.0003	0.9096	0.9101	-0.0005
2023-07-03T11:10:00	1	0	3	3	0	0.9579	0.9584	0.0005	0.9955	0.9955	0.0000
2023-07-03T11:10:37	1	0	2	2	0	1.0099	1.0101	0.0002	-0.9921	-0.992	-0.0001
2023-07-03T11:11:13	1	0	51	50	1	0.9750	0.9750	0.0000	0.9742	0.9742	0.0000
2023-07-03T11:16:57	1	0	19	18	1	1.0520	1.0520	0.0000	0.9986	0.9986	0.0000
2023-07-03T11:21:34	1	0	8	8	0	1.0234	1.0234	-0.0001	-1	-1	0.0000
2023-07-03T11:23:30	1	0	2	2	0	0.9784	0.9794	0.0010	0.9855	0.9859	-0.0004
2023-07-03T11:31:12	1	0	3	3	0	1.0373	1.0371	-0.0003	0.9992	0.9992	0.0000
2023-07-03T11:36:46	1	0	2	2	0	0.9837	0.9840	0.0003	0.999	0.9991	-0.0001
2023-07-03T11:37:56	1	0	2	1	1	0.9595	0.9596	0.0001	0.9999	0.9999	0.0000
2023-07-03T11:38:14	1	0	37	34	3	1.0454	1.0459	0.0005	-0.9982	-0.9982	0.0000
2023-07-03T11:52:57	1	0	6	6	0	1.0470	1.0470	0.0000	-0.9964	-0.9964	0.0000
2023-07-03T12:10:04	1	0	7	7	0	0.9527	0.9528	0.0001	0.9963	0.9919	0.0044
2023-07-03T12:11:49	1	0	1	1	0	1.0319	1.0316	-0.0003	0.9816	0.9819	-0.0003
2023-07-03T12:54:32	1	0	2	2	0	0.9803	0.9806	0.0003	0.9551	0.9556	-0.0005
2023-07-03T13:33:50	1	0	8	8	0	0.9314	0.9314	0.0001	0.9788	0.9789	-0.0001
2023-07-03T13:40:00	1	0	20	21	-1	0.9442	0.9443	0.0001	-0.9993	-0.9993	0.0000
2023-07-03T13:55:11	1	0	4	4	0	0.9567	0.9570	0.0003	0.9944	0.9952	-0.0008
2023-07-03T14:01:03	1	0	4	4	0	0.9956	0.9962	0.0006	0.9877	0.9883	-0.0006
2023-07-03T14:02:45	1	0	25	25	0	1.0475	1.0474	-0.0001	0.9681	0.9681	0.0000
2023-07-03T14:18:53	1	0	7	7	0	0.9347	0.9348	0.0001	0.9881	0.9882	-0.0001
2023-07-03T14:23:42	1	0	1	1	0	0.9669	0.9674	0.0005	0.9884	0.9869	0.0015
2023-07-03T14:25:58	1	0	3	3	0	0.9856	0.9857	0.0001	0.9993	0.9993	0.0000
2023-07-03T14:30:49	1	0	2	2	0	1.0312	1.0311	-0.0002	0.9982	0.9982	0.0000
2023-07-03T14:34:09	1	0	9	9	0	0.9669	0.9671	0.0001	0.9786	0.9789	-0.0003
2023-07-03T14:34:16	1	0	4	4	0	0.9535	0.9548	0.0013	1	1	0.0000
2023-07-03T14:34:27	1	0	2	0	2	0.9596	null	null	-0.9991	-0.999	-0.0001
2023-07-03T14:38:43	1	0	1	1	0	0.9636	0.9639	0.0003	0.9897	0.9898	-0.0001
2023-07-03T14:39:16	1	0	14	13	1	0.9498	0.9504	0.0006	0.8877	0.8882	-0.0005
2023-07-03T14:43:47	1	0	1	1	0	0.9831	0.9834	0.0003	-0.996	-0.996	0.0000
2023-07-03T14:45:07	1	0	1	1	0	0.9559	0.9571	0.0012	0.981	0.9811	-0.0001
2023-07-03T14:45:50	1	0	2	2	0	1.0302	1.0300	-0.0003	0.998	0.9979	0.0001
2023-07-03T14:47:09	1	0	1	1	0	1.0409	1.0401	-0.0008	0.9991	0.9991	0.0000
2023-07-03T14:48:55	1	0	11	11	0	0.9509	0.9509	0.0000	0.987	0.9869	0.0001
2023-07-03T14:54:17	1	0	9	9	0	0.9575	0.9574	-0.0001	0.8987	0.8983	0.0004
2023-07-03T14:56:12	1	0	5	5	0	1.0080	1.0077	-0.0003	0.9981	0.9981	0.0000
2023-07-03T15:04:18	1	0	4	4	0	0.9760	0.9768	0.0008	1	1	0.0000
2023-07-03T15:06:03	1	0	9	9	0	0.9703	0.9702	-0.0001	0.9819	0.9819	0.0000
2023-07-03T15:19:19	1	0	4	4	0	0.9745	0.9750	0.0005	0.9999	0.9999	0.0000
2023-07-03T15:19:25	1	0	2	2	0	1.0247	1.0244	-0.0003	0.9944	0.9944	0.0000
2023-07-03T15:19:30	1	0	5	5	0	0.9514	0.9519	0.0005	-0.9999	-0.9999	0.0000
2023-07-03T15:28:45	1	0	2	2	0	0.9874	0.9871	-0.0003	-1	-0.9999	-0.0001
2023-07-03T15:54:21	1	0	2	2	0	1.0050	1.0054	0.0004	-0.9965	-0.997	0.0005
2023-07-04T08:11:40	1	0	6	6	0	1.0512	1.0511	-0.0001	-0.9999	-0.9999	0.0000
2023-07-04T08:13:40	1	0	3	3	0	1.0315	1.0313	-0.0002	-0.9993	-0.9991	-0.0002
2023-07-04T08:26:41	1	0	6	6	0	1.0519	1.0519	0.0000	-0.9999	-0.9999	0.0000
2023-07-04T08:28:41	1	0	3	3	0	1.0311	1.0309	-0.0002	-0.9997	-0.9996	-0.0001
2023-07-04T08:31:16	1	0	3	3	0	1.0324	1.0324	0.0000	0.9993	0.9993	0.0000
2023-07-04T09:14:56	1	0	4	4	0	1.0114	1.0115	0.0001	0.963	0.9627	0.0003
2023-07-04T09:20:23	1	0	15	15	0	1.0449	1.0448	-0.0001	0.9598	0.9597	0.0001
2023-07-04T09:32:39	1	0	19	19	0	1.0582	1.0575	-0.0007	0.9483	0.9484	-0.0001
2023-07-04T09:39:47	1	0	101	96	5	0.9420	0.9423	0.0004	-0.9984	-0.9984	0.0000
2023-07-04T09:43:20	1	0	1	1	0	1.0216	1.0211	-0.0005	0.9883	0.9882	0.0001
2023-07-04T09:45:46	1	0	1	1	0	0.8287	0.8290	0.0003	0.9871	0.9871	0.0000
2023-07-04T09:50:02	1	0	1	1	0	1.0390	1.0384	-0.0006	0.9894	0.9895	-0.0001
2023-07-04T09:56:13	1	0	55	55	0	0.9823	0.9823	0.0000	0.9657	0.9657	0.0000
2023-07-04T10:00:32	1	0	2	2	0	1.0087	1.0089	0.0001	-0.9978	-0.9978	0.0000
2023-07-04T10:04:28	1	0	2	2	0	0.9822	0.9824	0.0002	0.9796	0.9798	-0.0002
2023-07-04T10:05:32	2	0	17	17	0	1.0166	1.0163	-0.0004	0.9979	0.9979	0.0000
2023-07-04T10:07:44	1	0	1	0	1	1.0350	null	null	-0.9998	-0.9998	0.0000
2023-07-04T10:09:59	1	0	3	3	0	0.9970	0.9969	-0.0001	0.9999	0.9998	0.0001
2023-07-04T10:10:02	1	0	2	2	0	0.9910	0.9912	0.0002	0.9977	0.9971	0.0006
2023-07-04T10:10:38	1	0	3	3	0	1.0129	1.0130	0.0001	-0.9915	-0.9914	-0.0001
2023-07-04T10:15:17	1	0	30	29	1	1.0529	1.0527	-0.0002	0.9992	0.9992	0.0000
2023-07-04T10:15:37	1	0	2	2	0	1.0323	1.0322	-0.0001	0.999	0.999	0.0000
2023-07-04T10:15:52	1	0	1	0	1	1.0149	null	null	0.99	0.9894	0.0006
2023-07-04T10:16:12	1	0	1	1	0	1.0233	1.0230	-0.0003	0.9755	0.9754	0.0001
2023-07-04T10:17:10	1	0	11	11	0	0.9968	0.9968	0.0000	0.9872	0.9871	0.0001
2023-07-04T10:20:33	1	0	14	13	1	1.0010	0.9976	-0.0034	0.9976	0.997	0.0006
2023-07-04T10:21:44	1	0	1	0	1	0.9597	null	null	0.8271	0.8273	-0.0002
2023-07-04T10:21:45	1	0	32	26	6	0.9462	0.9471	0.0009	0.9997	0.9997	0.0000
2023-07-04T10:24:25	1	0	1	1	0	0.9825	0.9828	0.0003	0.9588	0.959	-0.0002
2023-07-04T10:25:58	1	0	84	81	3	0.9362	0.9366	0.0004	0.9914	0.9915	-0.0001
2023-07-04T10:26:15	1	0	35	35	0	0.9807	0.9807	0.0000	0.9635	0.9634	0.0001
2023-07-04T10:30:34	1	0	2	2	0	0.9760	0.9762	0.0002	-0.9996	-0.9996	0.0000
2023-07-04T10:30:53	1	0	1	1	0	1.0129	1.0126	-0.0003	0.9851	0.9847	0.0004
2023-07-04T10:32:11	1	0	16	16	0	0.9867	0.9868	0.0001	0.9834	0.9833	0.0001
2023-07-04T10:34:04	1	0	2	2	0	1.0297	1.0293	-0.0003	0.9958	0.9958	0.0000

2023-07-04T10:34:52	1	0	3	2	1	1.0459	1.0456	-0.0003	0.9999	0.9998	0.0001
2023-07-04T10:44:53	1	0	1	1	0	0.9579	0.9589	0.0010	0.9651	0.9652	-0.0001
2023-07-04T10:45:19	1	0	17	15	2	1.0481	1.0481	0.0000	0.9972	0.9971	0.0001
2023-07-04T10:45:54	1	0	3	3	0	0.9797	0.9796	-0.0001	0.9809	0.9808	0.0001
2023-07-04T10:46:46	1	0	71	71	0	0.9358	0.9358	0.0000	0.9999	0.9999	0.0000
2023-07-04T10:51:46	1	0	2	2	0	1.0336	1.0332	-0.0005	-0.9858	-0.9861	0.0003
2023-07-04T10:56:00	1	0	75	75	0	0.9369	0.9369	0.0000	0.989	0.9891	-0.0001
2023-07-04T10:56:17	1	0	65	65	0	0.9690	0.9690	0.0000	0.9646	0.9645	0.0001
2023-07-04T10:59:54	1	0	1	1	0	0.9368	0.9372	0.0004	0.9683	0.9684	-0.0001
2023-07-04T11:00:20	1	0	19	18	1	1.0486	1.0484	-0.0002	0.9975	0.9975	0.0000
2023-07-04T11:05:07	1	0	2	2	0	1.0358	1.0356	-0.0003	0.9866	0.9865	0.0001
2023-07-04T11:05:34	1	0	150	138	12	1.0692	1.0692	0.0000	0.9818	0.9815	0.0003
2023-07-04T11:06:38	1	0	11	11	0	0.9855	0.9855	0.0000	0.9973	0.9973	0.0000
2023-07-04T11:09:09	1	0	9	9	0	0.9572	0.9571	-0.0001	0.8992	0.8988	0.0004
2023-07-04T11:10:11	2	0	4	4	0	0.9903	0.9907	0.0004	0.9962	0.9963	-0.0001
2023-07-04T11:15:41	1	0	2	2	0	1.0324	1.0319	-0.0004	0.9985	0.9984	0.0001
2023-07-04T11:24:10	1	0	9	9	0	0.9573	0.9572	-0.0001	0.9018	0.9014	0.0004
2023-07-04T11:27:26	1	0	1	1	0	0.9921	0.9928	0.0007	-0.9922	-0.9921	-0.0001
2023-07-04T11:30:06	1	0	7	7	0	1.0154	1.0155	0.0001	0.9708	0.97	0.0008
2023-07-04T11:40:13	1	0	5	5	0	0.9910	0.9916	0.0006	0.9971	0.9971	0.0000
2023-07-04T12:09:57	1	0	5	5	0	0.9808	0.9779	-0.0029	-0.9996	-0.9996	0.0000
2023-07-04T12:59:42	1	0	2	2	0	0.9578	0.9586	0.0007	-0.9778	-0.9774	-0.0004
2023-07-04T13:44:45	1	0	3	3	0	0.9512	0.9514	0.0002	-0.9795	-0.9794	-0.0001
2023-07-04T14:01:44	1	0	1	0	1	0.9448	null	null	-0.9991	-0.9991	0.0000
2023-07-04T14:05:27	1	0	2	2	0	1.0464	1.0458	-0.0005	-0.9576	-0.9582	0.0006
2023-07-04T14:10:25	1	0	5	5	0	0.9611	0.9615	0.0004	0.9948	0.9957	-0.0009
2023-07-04T14:15:17	1	0	6	6	0	1.0149	1.0148	-0.0001	0.9673	0.9672	0.0001
2023-07-04T14:21:51	1	0	10	10	0	0.9784	0.9785	0.0000	0.995	0.9951	-0.0001
2023-07-04T14:22:01	1	0	156	156	0	0.9346	0.9346	0.0001	0.996	0.996	0.0000
2023-07-04T14:23:44	1	0	1	1	0	0.9686	0.9690	0.0004	0.9928	0.9929	-0.0001
2023-07-04T14:25:55	1	0	99	93	6	0.9387	0.9388	0.0001	0.9999	1	-0.0001
2023-07-04T14:26:32	1	0	2	2	0	0.9497	0.9505	0.0008	0.9675	0.9677	-0.0002
2023-07-04T14:28:25	1	0	4	4	0	1.0257	1.0256	-0.0001	0.9939	0.9939	0.0000
2023-07-04T14:34:28	1	0	1	1	0	1.0234	1.0227	-0.0007	0.9928	0.9927	0.0001
2023-07-04T14:35:29	1	0	2	2	0	1.0479	1.0476	-0.0004	-0.9602	-0.9606	0.0004
2023-07-04T14:35:47	1	0	64	63	1	1.0582	1.0582	0.0000	0.9654	0.9653	0.0001
2023-07-04T14:37:14	1	0	2	2	0	0.9664	0.9667	0.0003	0.9984	0.9985	-0.0001
2023-07-04T14:38:45	1	0	1	1	0	0.9609	0.9615	0.0006	0.9909	0.9911	-0.0002
2023-07-04T14:39:25	1	0	14	13	1	0.9498	0.9506	0.0007	0.8913	0.892	-0.0007
2023-07-04T14:40:27	1	0	4	5	-1	0.9567	0.9574	0.0007	0.9938	0.9947	-0.0009
2023-07-04T14:45:55	1	0	2	2	0	1.0371	1.0369	-0.0003	0.9959	0.9958	0.0001
2023-07-04T14:53:46	1	0	1	1	0	0.9630	0.9634	0.0004	0.9906	0.9907	-0.0001
2023-07-04T14:54:26	1	0	13	10	3	0.9505	0.9494	-0.0011	0.8874	0.8879	-0.0005
2023-07-04T15:25:30	1	0	8	8	0	0.9536	0.9538	0.0001	0.9927	0.9936	-0.0009
2023-07-04T15:46:14	1	0	13	13	0	0.9632	0.9631	-0.0001	0.9912	0.9912	0.0000
2023-07-04T15:46:19	1	0	25	9	16	0.9517	0.9669	0.0152	0.9962	0.9968	-0.0006
2023-07-04T15:46:51	1	0	1	1	0	0.9443	0.9447	0.0004	-0.9998	-0.9997	-0.0001
2023-07-04T16:01:20	1	0	46	24	22	0.9466	0.9525	0.0058	0.9964	0.9969	-0.0005
2023-07-04T16:01:52	1	0	3	3	0	0.9431	0.9435	0.0004	-0.9999	-0.9999	0.0000
2023-07-04T18:36:07	3	0	10	10	0	0.9469	0.9469	0.0000	0.9945	0.9945	0.0000
2023-07-05T08:11:43	2	0	6	6	0	1.0478	1.0478	0.0000	-1	-1	0.0000
2023-07-05T08:26:44	2	0	5	5	0	1.0466	1.0465	0.0000	0.9997	0.9997	0.0000
2023-07-05T08:31:15	2	0	2	2	0	1.0331	1.0331	0.0000	0.9986	0.9985	0.0001
2023-07-05T08:36:50	2	0	4	4	0	0.9508	0.9510	0.0003	-0.9999	-0.9999	0.0000
2023-07-05T08:54:46	2	0	6	6	0	0.9522	0.9524	0.0003	0.9959	0.9909	0.0050
2023-07-05T09:06:41	2	0	1	1	0	0.9593	0.9596	0.0003	0.8639	0.8641	-0.0002
2023-07-05T09:13:39	2	0	2	2	0	0.9416	0.9423	0.0007	-0.9999	-0.9999	0.0000
2023-07-05T09:17:40	2	0	1	1	0	1.0334	1.0330	-0.0004	0.9383	0.9379	0.0004
2023-07-05T09:20:26	2	0	14	14	0	1.0486	1.0485	-0.0001	0.9597	0.9596	0.0001
2023-07-05T09:22:55	2	0	4	4	0	1.0116	1.0116	0.0001	0.9536	0.9533	0.0003
2023-07-05T09:24:48	2	0	3	3	0	0.9678	0.9680	0.0002	-0.9986	-0.9986	0.0000
2023-07-05T09:26:14	2	0	35	34	1	0.9677	0.9678	0.0001	0.9772	0.9772	0.0000
2023-07-05T09:28:40	2	0	1	1	0	0.9408	0.9412	0.0004	-0.9997	-0.9997	0.0000
2023-07-05T09:33:11	2	0	22	22	0	1.0496	1.0495	-0.0001	0.9991	0.999	0.0001
2023-07-05T09:36:49	2	0	2	2	0	1.0340	1.0338	-0.0003	-0.9981	-0.9981	0.0000
2023-07-05T09:39:49	2	0	3	3	0	0.9467	0.9471	0.0004	0.9961	0.9961	0.0000
2023-07-05T09:44:11	2	0	2	2	0	0.9513	0.9519	0.0006	-0.9984	-0.9982	-0.0002
2023-07-05T09:45:47	2	0	1	1	0	0.8203	0.8207	0.0004	0.9898	0.9898	0.0000
2023-07-05T09:48:25	2	0	15	15	0	1.0307	1.0308	0.0001	-0.9844	-0.9833	-0.0011
2023-07-05T09:51:49	2	0	14	13	1	0.9451	0.9455	0.0004	0.9999	0.9999	0.0000
2023-07-05T09:52:35	2	0	4	4	0	0.9762	0.9764	0.0002	0.9976	0.9977	-0.0001
2023-07-05T09:54:50	2	0	7	6	1	0.9475	0.9484	0.0009	-0.9997	-0.9997	0.0000
2023-07-05T10:00:52	2	0	1	1	0	1.0146	1.0141	-0.0005	0.983	0.9824	0.0006
2023-07-05T10:03:41	2	0	1	1	0	0.9568	0.9572	0.0004	0.9613	0.9614	-0.0001
2023-07-05T10:04:31	2	0	2	2	0	0.9906	0.9908	0.0002	0.9964	0.9964	0.0000
2023-07-05T10:05:11	2	0	2	2	0	1.0275	1.0269	-0.0006	0.9879	0.9877	0.0002
2023-07-05T10:05:39	2	0	5	5	0	0.9369	0.9373	0.0004	0.9991	0.9987	0.0004
2023-07-05T10:07:36	2	0	37	30	7	0.9432	0.9461	0.0029	0.9958	0.9958	0.0000
2023-07-05T10:08:34	2	0	2	2	0	0.9715	0.9723	0.0008	0.9882	0.9885	-0.0003
2023-07-05T10:09:25	2	0	1	1	0	0.9826	0.9830	0.0004	0.9578	0.9582	-0.0004
2023-07-05T10:09:51	2	0	3	3	0	0.9557	0.9563	0.0006	0.9948	0.9939	0.0009
2023-07-05T10:10:05	2	0	11	11	0	0.9813	0.9812	0.0000	0.9999	0.9999	0.0000
2023-07-05T10:10:42	2	0	69	69	0	0.9271	0.9271	0.0000	1	1	0.0000
2023-07-05T10:11:48	2	0	5	5	0	1.0519	1.0515	-0.0004	0.9968	0.9967	0.0001
2023-07-05T10:15:40	2	0	2	2	0	1.0340	1.0339	-0.0002	0.9986	0.9986	0.0000

2023-07-05T10:18:29	2	0	2	2	0	0.9557	0.9561	0.0004	0.9401	0.9408	-0.0007
2023-07-05T10:18:42	2	0	1	1	0	0.9538	0.9541	0.0003	0.9718	0.9715	0.0003
2023-07-05T10:20:30	2	0	33	32	1	1.0560	1.0559	-0.0001	0.9878	0.9878	0.0000
2023-07-05T10:20:40	2	0	9	9	0	0.9364	0.9368	0.0003	0.9994	0.9995	-0.0001
2023-07-05T10:24:41	2	0	10	10	0	1.0299	1.0298	-0.0001	0.9577	0.9577	0.0000
2023-07-05T10:24:52	2	0	2	2	0	0.9560	0.9566	0.0006	0.9951	0.9952	-0.0001
2023-07-05T10:25:43	2	0	70	68	2	0.9259	0.9259	0.0000	-0.9992	-0.9995	0.0003
2023-07-05T10:26:17	2	0	75	75	0	0.9610	0.9610	0.0000	0.9703	0.9703	0.0000
2023-07-05T10:29:58	2	0	1	1	0	0.9190	0.9193	0.0003	0.9782	0.9784	-0.0002
2023-07-05T10:34:53	2	0	1	1	0	1.0457	1.0452	-0.0005	0.9978	0.9977	0.0001
2023-07-05T10:35:54	2	0	1	1	0	1.0021	1.0011	-0.0010	0.9722	0.9722	0.0000
2023-07-05T10:39:53	2	0	27	27	0	0.9441	0.9443	0.0002	-0.9998	-0.9998	0.0000
2023-07-05T10:39:53	2	0	3	3	0	0.9529	0.9533	0.0004	0.9948	0.9949	-0.0001
2023-07-05T10:41:18	2	0	66	67	-1	0.9759	0.9760	0.0001	0.9791	0.9791	0.0000
2023-07-05T10:43:46	2	0	2	2	0	1.0333	1.0332	-0.0001	0.9846	0.9845	0.0001
2023-07-05T10:45:42	2	0	1	1	0	1.0406	1.0403	-0.0003	0.9988	0.9988	0.0000
2023-07-05T10:45:51	2	0	21	15	6	0.9374	0.9348	-0.0026	0.9875	0.9875	0.0000
2023-07-05T10:45:55	2	0	1	1	0	1.0114	1.0110	-0.0004	0.9834	0.983	0.0004
2023-07-05T10:46:30	2	0	1	1	0	0.9440	0.9446	0.0006	-0.9994	-0.9994	0.0000
2023-07-05T10:48:16	2	0	1	0	1	0.9784	null	null	0.9955	0.9955	0.0000
2023-07-05T10:49:05	2	0	5	5	0	0.9664	0.9672	0.0009	1	1	0.0000
2023-07-05T10:54:54	2	0	2	2	0	0.9572	0.9576	0.0003	0.9949	0.9949	0.0000
2023-07-05T10:57:28	2	0	1	1	0	1.0017	1.0030	0.0013	-0.9875	-0.9892	0.0017
2023-07-05T11:00:50	2	0	4	4	0	0.9975	0.9971	-0.0004	0.9848	0.9847	0.0001
2023-07-05T11:03:53	2	0	4	4	0	0.9380	0.9384	0.0005	0.9998	0.9998	0.0000
2023-07-05T11:04:06	2	0	5	5	0	0.9702	0.9709	0.0008	-1	-1	0.0000
2023-07-05T11:05:33	2	0	39	39	0	1.0571	1.0569	-0.0001	0.9835	0.9833	0.0002
2023-07-05T11:06:45	2	0	10	10	0	0.9649	0.9649	0.0000	0.9968	0.9968	0.0000
2023-07-05T11:08:02	2	0	4	4	0	1.0062	1.0064	0.0001	0.9526	0.9527	-0.0001
2023-07-05T13:01:24	1	0	16	16	0	1.0492	1.0488	-0.0004	0.9762	0.9761	0.0001
2023-07-05T13:02:43	1	0	110	107	3	0.9305	0.9314	0.0008	0.9934	0.9934	0.0000
2023-07-05T13:13:38	1	0	18	18	0	1.0640	1.0636	-0.0004	0.9438	0.9436	0.0002
2023-07-05T13:17:39	1	0	7	7	0	0.9311	0.9315	0.0004	0.8766	0.8768	-0.0002
2023-07-05T13:21:48	1	0	1	1	0	0.9594	0.9597	0.0003	0.9382	0.9384	-0.0002
2023-07-05T13:25:07	1	0	4	4	0	0.9634	0.9637	0.0003	-0.9953	-0.9951	-0.0002
2023-07-05T13:32:44	1	0	4	4	0	1.0139	1.0138	-0.0001	-0.9989	-0.9989	0.0000
2023-07-05T13:40:54	1	0	10	10	0	0.9382	0.9385	0.0003	0.9743	0.9743	0.0000
2023-07-05T13:41:18	1	0	1	1	0	0.9738	0.9741	0.0003	0.9982	0.9982	0.0000
2023-07-05T13:44:48	1	0	74	74	0	0.9472	0.9473	0.0001	0.9515	0.9516	-0.0001
2023-07-05T13:51:47	1	0	2	2	0	0.9543	0.9544	0.0001	-1	-1	0.0000
2023-07-05T13:53:00	1	0	1	1	0	0.9569	0.9572	0.0003	0.998	0.9973	0.0007
2023-07-05T13:58:30	1	0	2	2	0	0.9570	0.9573	0.0003	0.985	0.9852	-0.0002
2023-07-05T14:02:58	1	0	4	4	0	0.9420	0.9431	0.0011	-0.9933	-0.9929	-0.0004
2023-07-05T14:03:57	1	0	7	7	0	1.0219	1.0219	0.0000	0.9774	0.9773	0.0001
2023-07-05T14:03:59	1	0	5	5	0	0.9537	0.9539	0.0002	-0.9883	-0.9872	-0.0011
2023-07-05T14:04:29	1	0	7	7	0	0.9445	0.9447	0.0002	0.9997	0.9997	0.0000
2023-07-05T14:06:03	1	0	16	16	0	0.9561	0.9561	0.0000	0.9972	0.9972	0.0000
2023-07-05T14:06:36	1	0	1	1	0	0.9545	0.9549	0.0004	0.9835	0.9835	0.0000
2023-07-05T14:06:48	1	0	3	3	0	0.9553	0.9553	0.0000	0.9999	0.9999	0.0000
2023-07-05T14:07:13	1	0	83	83	0	0.9580	0.9582	0.0002	0.97	0.9701	-0.0001
2023-07-05T14:08:23	1	0	2	2	0	0.9800	0.9800	0.0000	-0.9993	-0.9993	0.0000
2023-07-05T14:12:12	1	0	4	4	0	1.0346	1.0344	-0.0002	0.9919	0.9918	0.0001
2023-07-05T14:12:30	1	0	74	73	1	0.9395	0.9396	0.0001	0.9999	0.9999	0.0000
2023-07-05T14:16:33	1	0	5	5	0	0.9978	0.9974	-0.0004	0.9742	0.9742	0.0000
2023-07-05T14:17:04	1	0	10	10	0	1.0451	1.0451	-0.0001	0.9994	0.9994	0.0000
2023-07-05T14:18:02	1	0	7	7	0	0.9703	0.9700	-0.0002	-0.9999	-0.9999	0.0000
2023-07-05T14:18:09	1	0	7	7	0	0.9324	0.9331	0.0007	0.8767	0.877	-0.0003
2023-07-05T14:18:24	1	0	4	4	0	0.9390	0.9395	0.0005	-0.9946	-0.9943	-0.0003
2023-07-05T14:19:12	1	0	3	3	0	1.0455	1.0448	-0.0007	-0.9913	-0.9915	0.0002
2023-07-05T14:19:25	1	0	7	7	0	0.9566	0.9567	0.0001	-0.9873	-0.9862	-0.0011
2023-07-05T14:19:41	1	0	75	75	0	0.9459	0.9460	0.0001	0.9494	0.9495	-0.0001
2023-07-05T14:21:19	1	0	6	6	0	0.9684	0.9687	0.0003	-0.9983	-0.9983	0.0000
2023-07-05T14:22:13	1	0	2	2	0	0.9559	0.9562	0.0002	-1	-1	0.0000
2023-07-05T14:22:18	1	0	4	4	0	0.9548	0.9559	0.0011	0.9442	0.9446	-0.0004
2023-07-05T14:22:40	1	0	119	119	0	0.9537	0.9538	0.0001	0.9644	0.9644	0.0000
2023-07-05T14:23:50	1	0	2	2	0	0.9771	0.9778	0.0007	-0.9993	-0.9992	-0.0001
2023-07-05T14:24:51	1	0	4	4	0	1.0257	1.0255	-0.0003	0.9965	0.9965	0.0000
2023-07-05T14:28:20	1	0	2	2	0	1.0199	1.0189	-0.0010	0.9889	0.9888	0.0001
2023-07-05T14:28:40	1	0	38	37	1	1.0574	1.0572	-0.0002	0.9932	0.993	0.0002
2023-07-05T14:28:48	1	0	10	10	0	1.0449	1.0449	0.0000	0.9996	0.9996	0.0000
2023-07-05T14:29:47	1	0	8	8	0	0.9799	0.9795	-0.0004	-0.9998	-0.9998	0.0000
2023-07-05T14:29:54	1	0	7	7	0	0.9349	0.9350	0.0002	0.8781	0.8781	0.0000
2023-07-05T14:29:58	1	0	151	147	4	0.9249	0.9251	0.0002	0.9921	0.9921	0.0000
2023-07-05T14:30:09	1	0	4	4	0	0.9379	0.9383	0.0003	-0.9977	-0.9976	-0.0001
2023-07-05T14:30:57	1	0	3	3	0	1.0454	1.0451	-0.0004	-0.9916	-0.9918	0.0002
2023-07-05T14:31:10	1	0	6	6	0	0.9812	0.9812	0.0001	-0.9865	-0.9854	-0.0011
2023-07-05T14:32:16	1	0	14	14	0	0.9452	0.9455	0.0003	0.8758	0.8765	-0.0007
2023-07-05T14:33:02	1	0	3	3	0	0.9318	0.9330	0.0012	0.9892	0.9895	-0.0003
2023-07-05T14:33:04	1	0	13	14	-1	0.9543	0.9537	-0.0006	-0.9981	-0.998	-0.0001
2023-07-05T14:33:48	1	0	8	8	0	0.9427	0.9430	0.0003	0.9812	0.9812	0.0000
2023-07-05T14:33:58	1	0	3	3	0	0.9527	0.9530	0.0004	0.9999	0.9999	0.0000
2023-07-05T14:34:25	1	0	125	125	0	0.9441	0.9442	0.0001	0.9629	0.9629	0.0000
2023-07-05T14:35:35	1	0	2	2	0	0.9780	0.9787	0.0006	-0.9993	-0.9993	0.0000
2023-07-05T14:36:36	1	0	7	7	0	1.0223	1.0222	-0.0001	0.9971	0.9971	0.0000
2023-07-05T14:37:21	1	0	4	4	0	0.9643	0.9652	0.0009	-0.9957	-0.9954	-0.0003

2023-07-05T14:38:07	1	0	11	11	0	0.9365	0.9369	0.0004	0.9749	0.975	-0.0001
2023-07-05T14:38:51	1	0	2	2	0	1.0308	1.0306	-0.0003	0.9931	0.993	0.0001
2023-07-05T14:39:02	1	0	22	16	6	0.9383	0.9364	-0.0018	0.9923	0.9923	0.0000
2023-07-05T14:39:24	1	0	4	4	0	1.0367	1.0367	-0.0001	0.9911	0.9911	0.0000
2023-07-05T14:39:39	1	0	177	175	2	0.9334	0.9337	0.0003	0.9998	0.9998	0.0000
2023-07-05T14:40:23	1	0	17	17	0	0.9626	0.9628	0.0002	0.973	0.9731	-0.0001
2023-07-05T14:40:42	1	0	3	3	0	0.9568	0.9570	0.0002	0.9826	0.9827	-0.0001
2023-07-05T14:40:53	1	0	1	1	0	1.0375	1.0366	-0.0009	0.9462	0.9456	0.0006
2023-07-05T14:41:52	1	0	10	10	0	0.9708	0.9707	-0.0001	0.9946	0.9946	0.0000
2023-07-05T14:42:01	1	0	3	3	0	1.0108	1.0095	-0.0013	0.9998	0.9998	0.0000
2023-07-05T14:42:17	1	0	11	11	0	0.9390	0.9396	0.0006	0.9981	0.9981	0.0000
2023-07-05T14:43:40	1	0	29	28	1	1.0541	1.0540	-0.0001	0.9916	0.9917	-0.0001
2023-07-05T14:44:59	1	0	192	191	1	0.9203	0.9204	0.0001	0.9915	0.9916	-0.0001
2023-07-05T14:45:58	1	0	3	3	0	1.0455	1.0452	-0.0003	-0.9944	-0.9944	0.0000
2023-07-05T14:46:09	1	0	5	5	0	1.0128	1.0130	0.0003	0.9755	0.9755	0.0000
2023-07-05T14:46:26	1	0	82	80	2	0.9463	0.9460	-0.0002	0.9485	0.9486	-0.0001
2023-07-05T14:47:17	1	0	14	13	1	0.9498	0.9505	0.0006	0.8845	0.8849	-0.0004
2023-07-05T14:48:02	1	0	3	3	0	0.9372	0.9379	0.0007	0.9897	0.9899	-0.0002
2023-07-05T14:48:59	1	0	6	6	0	0.9504	0.9504	0.0001	0.9997	0.9997	0.0000
2023-07-05T14:49:04	1	0	4	4	0	0.9539	0.9548	0.0009	0.9405	0.9409	-0.0004
2023-07-05T14:51:36	1	0	5	5	0	1.0275	1.0274	-0.0001	0.9965	0.9965	0.0000
2023-07-05T14:51:39	1	0	1	1	0	0.9548	0.9555	0.0007	0.9994	0.9995	-0.0001
2023-07-05T14:52:03	1	0	14	13	1	0.9436	0.9437	0.0001	0.9985	0.9986	-0.0001
2023-07-05T14:54:40	1	0	91	91	0	0.9357	0.9357	0.0000	0.9999	0.9999	0.0000
2023-07-05T14:55:24	1	0	13	13	0	0.9647	0.9650	0.0002	0.9764	0.9765	-0.0001
2023-07-05T14:57:19	1	0	1	1	0	1.0207	1.0203	-0.0004	0.9937	0.9937	0.0000
2023-07-05T14:58:41	1	0	29	29	0	1.0572	1.0571	-0.0001	0.9921	0.9921	0.0000
2023-07-05T15:00:04	1	0	138	138	0	0.9254	0.9255	0.0001	0.992	0.992	0.0000
2023-07-05T15:01:10	1	0	5	5	0	1.0104	1.0106	0.0002	0.9738	0.973	0.0008
2023-07-05T15:04:02	1	0	3	3	0	0.9524	0.9525	0.0001	0.9999	0.9999	0.0000
2023-07-05T15:04:05	1	0	4	5	-1	0.9551	0.9564	0.0013	0.9429	0.9431	-0.0002
2023-07-05T15:10:46	1	0	2	2	0	0.9394	0.9396	0.0002	0.9861	0.9861	0.0000
2023-07-05T15:11:54	1	0	13	13	0	0.9641	0.9640	-0.0001	0.9912	0.9914	-0.0002
2023-07-05T15:12:18	1	0	11	11	0	0.9416	0.9419	0.0002	0.998	0.998	0.0000
2023-07-05T15:13:42	1	0	23	22	1	1.0527	1.0526	-0.0002	0.9914	0.9914	0.0000
2023-07-05T15:19:04	1	0	3	3	0	0.9532	0.9532	0.0000	0.9998	0.9998	0.0000
2023-07-05T15:22:51	1	0	15	15	0	0.9439	0.9439	0.0000	0.9927	0.9926	0.0001
2023-07-05T15:24:24	1	0	3	2	1	0.9625	0.9646	0.0021	-0.9984	-0.9983	-0.0001
2023-07-05T15:28:28	1	0	2	0	2	1.0452	null	null	-0.9771	-0.9772	0.0001
2023-07-05T15:30:02	1	0	4	4	0	0.9863	0.9862	-0.0001	0.9998	0.9998	0.0000
2023-07-05T15:30:15	1	0	45	45	0	0.9545	0.9545	0.0000	0.9844	0.9845	-0.0001
2023-07-05T15:32:41	1	0	254	247	7	0.9312	0.9317	0.0005	0.9606	0.9607	-0.0001
2023-07-05T15:40:42	1	0	5	5	0	0.9839	0.9837	-0.0002	0.9635	0.9633	0.0002
2023-07-05T15:41:56	1	0	11	11	0	0.9527	0.9527	0.0000	0.9896	0.9897	-0.0001
2023-07-05T15:47:42	1	0	306	302	4	0.9236	0.9239	0.0003	0.9615	0.9615	0.0000
2023-07-05T15:48:08	1	0	4	4	0	0.9608	0.9611	0.0003	0.9956	0.9968	-0.0012
2023-07-05T15:53:36	1	0	12	11	1	1.0474	1.0476	0.0001	0.9994	0.9994	0.0000
2023-07-05T15:54:26	1	0	1	1	0	0.9693	0.9699	0.0006	-0.9973	-0.9973	0.0000
2023-07-05T15:55:43	1	0	3	3	0	1.0075	1.0073	-0.0002	0.9694	0.9693	0.0001
2023-07-05T15:57:06	1	0	8	8	0	1.0382	1.0376	-0.0007	-0.9999	-0.9999	0.0000
2023-07-05T16:00:01	1	0	10	10	0	0.9374	0.9374	0.0001	0.892	0.8924	-0.0004
2023-07-05T16:22:02	1	0	1	1	0	0.9417	0.9427	0.0010	0.9999	0.9999	0.0000
2023-07-05T16:29:14	1	0	2	2	0	0.9976	0.9979	0.0003	0.9852	0.9854	-0.0002
2023-07-05T16:37:03	1	0	2	2	0	0.9421	0.9425	0.0004	1	1	0.0000
2023-07-05T17:51:50	2	0	60	60	0	0.9346	0.9347	0.0001	0.9987	0.9988	-0.0001
2023-07-05T18:36:51	2	0	12	12	0	0.9359	0.9359	0.0000	0.9684	0.9685	-0.0001
2023-07-06T09:11:54	1	0	66	66	0	0.9382	0.9384	0.0002	-0.9898	-0.9888	-0.0010
2023-07-06T09:13:46	1	0	16	16	0	0.9441	0.9445	0.0003	0.9972	0.9965	0.0007
2023-07-06T09:24:24	1	0	14	14	0	1.0510	1.0509	-0.0001	0.9611	0.961	0.0001
2023-07-06T09:24:30	1	0	8	8	0	1.0170	1.0169	-0.0001	0.9968	0.9968	0.0000
2023-07-06T09:25:43	1	0	2	2	0	1.0274	1.0272	-0.0002	-0.999	-0.999	0.0000
2023-07-06T09:33:52	1	0	1	1	0	0.9414	0.9420	0.0006	0.9926	0.9926	0.0000
2023-07-06T09:40:46	1	0	1	1	0	0.9596	0.9600	0.0004	0.9999	0.9999	0.0000
2023-07-06T09:43:48	1	0	31	29	2	0.9410	0.9414	0.0005	0.9917	0.9918	-0.0001
2023-07-06T09:43:50	1	0	4	4	0	0.9818	0.9820	0.0002	-0.9998	-0.9998	0.0000
2023-07-06T09:44:33	1	0	1	1	0	0.9591	0.9594	0.0003	0.9858	0.9858	0.0000
2023-07-06T09:45:00	1	0	166	165	1	0.9155	0.9158	0.0003	0.9906	0.9906	0.0000
2023-07-06T09:49:48	1	0	1	1	0	0.8244	0.8247	0.0003	0.9897	0.9897	0.0000
2023-07-06T09:52:16	1	0	1	1	0	0.9723	0.9728	0.0005	0.9855	0.9857	-0.0002
2023-07-06T09:52:49	1	0	1	1	0	0.9370	0.9374	0.0004	0.9999	0.9999	0.0000
2023-07-06T09:54:11	1	0	2	2	0	1.0472	1.0468	-0.0005	-0.8862	-0.8864	0.0002
2023-07-06T09:54:32	1	0	21	20	1	1.0316	1.0314	-0.0002	0.9955	0.9954	0.0001
2023-07-06T09:55:34	1	0	5	5	0	0.9794	0.9794	0.0001	0.9999	0.9999	0.0000
2023-07-06T10:04:18	2	0	2	1	1	0.9949	1.0451	0.0502	0.9959	0.9959	0.0000
2023-07-06T10:05:26	1	0	43	34	9	0.9428	0.9432	0.0004	0.9975	0.9976	-0.0001
2023-07-06T10:06:10	1	0	94	93	1	0.9288	0.9291	0.0003	0.9822	0.9821	0.0001
2023-07-06T10:07:17	1	0	1	1	0	0.9742	0.9746	0.0004	0.9872	0.9873	-0.0001
2023-07-06T10:07:26	1	0	3	3	0	0.9523	0.9527	0.0004	0.9605	0.9605	0.0000
2023-07-06T10:07:41	1	0	1	1	0	0.9561	0.9564	0.0003	0.9757	0.9758	-0.0001
2023-07-06T10:08:25	1	0	3	3	0	0.9726	0.9728	0.0002	0.9837	0.9839	-0.0002
2023-07-06T10:09:05	1	0	6	6	0	0.9665	0.9664	-0.0001	0.9763	0.976	0.0003
2023-07-06T10:09:39	2	0	19	18	1	1.0258	1.0255	-0.0002	0.9953	0.9952	0.0001
2023-07-06T10:09:48	1	0	3	3	0	1.0154	1.0149	-0.0005	0.9824	0.9823	0.0001
2023-07-06T10:10:15	1	0	227	227	0	0.9034	0.9034	0.0000	0.989	0.989	0.0000
2023-07-06T10:13:24	1	0	1	1	0	0.9803	0.9807	0.0004	0.9331	0.9333	-0.0002

2023-07-06T10:13:25	1	0	6	6	0	1.0312	1.0311	-0.0001	0.9715	0.9714	0.0001
2023-07-06T10:13:50	1	0	30	28	2	0.9564	0.9568	0.0003	0.9944	0.9945	-0.0001
2023-07-06T10:14:02	1	0	14	14	0	1.0233	1.0233	0.0000	-0.9997	-0.9997	0.0000
2023-07-06T10:16:25	1	0	1	1	0	0.9933	0.9938	0.0005	-0.9884	-0.9883	-0.0001
2023-07-06T10:19:32	1	0	1	0	1	0.9447	null	null	0.9961	0.9961	0.0000
2023-07-06T10:19:40	1	0	2	2	0	1.0395	1.0394	-0.0001	0.9983	0.9983	0.0000
2023-07-06T10:20:27	1	0	93	86	7	0.9419	0.9421	0.0002	0.9974	0.9974	0.0000
2023-07-06T10:22:42	1	0	1	1	0	0.9567	0.9570	0.0003	0.9722	0.972	0.0002
2023-07-06T10:24:40	2	0	17	16	1	1.0181	1.0174	-0.0007	0.9949	0.9948	0.0001
2023-07-06T10:24:47	1	0	89	89	0	0.9237	0.9239	0.0002	0.9779	0.9779	0.0000
2023-07-06T10:28:51	1	0	15	14	1	0.9582	0.9585	0.0003	0.9942	0.9943	-0.0001
2023-07-06T10:29:39	1	0	57	57	0	0.9341	0.9341	0.0000	-0.9997	-0.9997	0.0000
2023-07-06T10:30:13	1	0	593	591	2	0.9530	0.9531	0.0000	0.9736	0.9727	0.0009
2023-07-06T10:34:55	1	0	1	1	0	1.0144	1.0135	-0.0009	-0.9979	-0.9984	0.0005
2023-07-06T10:35:28	1	0	108	108	0	0.9407	0.9407	0.0000	0.997	0.997	0.0000
2023-07-06T10:39:30	1	0	15	14	1	1.0518	1.0516	-0.0002	0.9496	0.9496	0.0000
2023-07-06T10:39:41	1	0	4	2	2	1.0445	1.0454	0.0009	0.9992	0.9992	0.0000
2023-07-06T10:39:48	1	0	8	8	0	1.0197	1.0195	-0.0002	0.9955	0.9954	0.0001
2023-07-06T10:39:55	1	0	1	1	0	1.0251	1.0247	-0.0004	0.9985	0.9985	0.0000
2023-07-06T10:43:52	1	0	18	18	0	0.9585	0.9586	0.0001	0.9925	0.9915	0.0010
2023-07-06T10:45:14	1	0	732	732	0	0.9438	0.9438	0.0000	0.9688	0.9688	0.0000
2023-07-06T10:47:28	1	0	1	1	0	1.0022	1.0017	-0.0005	-0.9989	-0.9989	0.0000
2023-07-06T10:48:11	1	0	53	46	7	0.9475	0.9478	0.0003	-0.988	-0.9876	-0.0004
2023-07-06T10:48:57	1	0	1	1	0	0.9140	0.9144	0.0004	0.9884	0.9887	-0.0003
2023-07-06T10:49:50	1	0	2	2	0	0.9941	0.9938	-0.0003	0.9481	0.9479	0.0002
2023-07-06T10:52:05	1	0	1	1	0	0.9743	0.9747	0.0004	0.9191	0.9194	-0.0003
2023-07-06T10:52:44	1	0	5	5	0	0.9468	0.9471	0.0003	0.9667	0.9671	-0.0004
2023-07-06T10:53:06	2	0	9	9	0	0.9568	0.9575	0.0007	1	1	0.0000
2023-07-06T10:53:12	1	0	4	4	0	1.0242	1.0238	-0.0004	0.9938	0.9937	0.0001
2023-07-06T10:54:15	1	0	3	3	0	1.0497	1.0494	-0.0003	-0.9429	-0.9432	0.0003
2023-07-06T10:54:42	2	0	8	9	-1	1.0444	1.0437	-0.0007	0.9932	0.9919	0.0013
2023-07-06T10:57:02	1	0	7	7	0	1.0120	1.0122	0.0002	0.9565	0.9566	-0.0001
2023-07-06T10:58:53	1	0	35	31	4	0.9556	0.9561	0.0005	0.9916	0.9917	-0.0001
2023-07-06T10:58:55	1	0	4	4	0	0.9825	0.9826	0.0002	1	1	0.0000
2023-07-06T11:05:49	1	0	1	1	0	1.0387	1.0378	-0.0009	0.9802	0.979	0.0012
2023-07-06T11:06:14	1	0	102	102	0	0.9239	0.9239	0.0000	0.9801	0.98	0.0001
2023-07-06T11:07:56	1	0	2	2	0	1.0361	1.0359	-0.0003	0.9848	0.9848	0.0000
2023-07-06T11:08:13	1	0	1	1	0	1.0177	1.0170	-0.0007	0.9939	0.9939	0.0000
2023-07-06T11:09:43	2	0	8	7	1	1.0451	1.0447	-0.0005	0.9971	0.9963	0.0008
2023-07-06T11:10:39	1	0	8	8	0	0.9905	0.9905	0.0000	0.9995	0.9994	0.0001
2023-07-06T11:12:03	1	0	4	4	0	1.0047	1.0050	0.0003	0.9525	0.9525	0.0000
2023-07-06T11:13:54	1	0	52	52	0	0.9438	0.9446	0.0008	0.9914	0.9904	0.0010
2023-07-06T11:13:56	1	0	4	4	0	0.9825	0.9826	0.0001	0.9999	0.9999	0.0000
2023-07-06T11:16:29	1	0	1	1	0	0.9827	0.9831	0.0004	-0.997	-0.997	0.0000
2023-07-06T11:19:44	1	0	2	2	0	1.0376	1.0373	-0.0003	0.9979	0.9978	0.0001
2023-07-06T11:19:56	1	0	73	73	0	0.9485	0.9500	0.0015	0.9866	0.966	0.0206
2023-07-06T11:20:48	1	0	5	5	0	0.9424	0.9430	0.0006	0.9997	0.9998	-0.0001
2023-07-06T11:21:34	1	0	1	1	0	1.0567	1.0555	-0.0012	0.9869	0.987	-0.0001
2023-07-06T11:23:08	1	0	8	8	0	0.9444	0.9450	0.0007	0.9998	0.9998	0.0000
2023-07-06T11:25:53	1	0	79	76	3	0.9407	0.9408	0.0000	0.9969	0.9969	0.0000
2023-07-06T11:34:59	1	0	1	1	0	1.0072	1.0068	-0.0004	-0.9999	-1	0.0001
2023-07-06T11:35:20	1	0	1	1	0	1.0343	1.0339	-0.0004	0.9971	0.9972	-0.0001
2023-07-06T11:35:49	1	0	42	41	1	0.9578	0.9580	0.0003	-1	-1	0.0000
2023-07-06T11:39:27	1	0	4	4	0	1.0386	1.0384	-0.0002	-0.9882	-0.9882	0.0000
2023-07-06T13:02:39	1	0	1	1	0	0.9547	0.9550	0.0003	0.9991	0.9991	0.0000
2023-07-06T13:10:00	1	0	1	1	0	1.0037	1.0028	-0.0009	0.9918	0.9918	0.0000
2023-07-06T13:18:50	1	0	117	117	0	0.9339	0.9340	0.0001	0.9928	0.9928	0.0000
2023-07-06T13:19:01	1	0	2	2	0	0.9435	0.9441	0.0006	1	1	0.0000
2023-07-06T13:20:02	1	0	87	87	0	0.9368	0.9369	0.0001	-0.9901	-0.9891	-0.0010
2023-07-06T13:27:54	1	0	126	121	5	0.9332	0.9335	0.0003	0.9824	0.9825	-0.0001
2023-07-06T13:30:53	1	0	15	15	0	0.9223	0.9225	0.0003	0.9957	0.9957	0.0000
2023-07-06T13:30:55	1	0	88	84	4	0.9344	0.9350	0.0006	0.9923	0.9923	0.0000
2023-07-06T13:32:32	1	0	94	94	0	0.8943	0.8953	0.0010	0.8948	0.9041	-0.0093
2023-07-06T13:45:56	1	0	112	111	1	0.9252	0.9287	0.0035	0.9916	0.9916	0.0000
2023-07-06T13:48:50	1	0	3	3	0	1.0366	1.0365	-0.0001	-0.9994	-0.9994	0.0000
2023-07-06T13:52:41	1	0	1	1	0	0.9531	0.9534	0.0003	0.9831	0.9832	-0.0001
2023-07-06T14:02:34	1	0	207	206	1	0.9090	0.9092	0.0002	0.908	0.9083	-0.0003
2023-07-06T14:05:03	1	0	4	4	0	1.0266	1.0266	0.0000	0.9688	0.9687	0.0001
2023-07-06T14:06:53	1	0	98	88	10	0.9553	0.9545	-0.0008	0.9877	0.9877	0.0000
2023-07-06T14:06:56	1	0	3	3	0	0.9388	0.9397	0.0008	0.9885	0.9887	-0.0002
2023-07-06T14:06:59	1	0	15	15	0	0.9500	0.9504	0.0003	0.9983	0.9983	0.0000
2023-07-06T14:08:06	1	0	293	296	-3	0.9090	0.9095	0.0004	0.992	0.992	0.0000
2023-07-06T14:11:16	1	0	105	101	4	0.9392	0.9396	0.0004	-0.9974	-0.9973	-0.0001
2023-07-06T14:12:02	1	0	41	41	0	0.9412	0.9412	0.0000	0.9746	0.9746	0.0000
2023-07-06T14:12:52	1	0	3	4	-1	0.9783	0.9936	0.0153	0.963	0.963	0.0000
2023-07-06T14:12:59	1	0	7	5	2	0.9543	0.9567	0.0024	0.9946	0.9949	-0.0003
2023-07-06T14:13:47	1	0	122	122	0	0.9229	0.9229	0.0000	0.9975	0.9975	0.0000
2023-07-06T14:14:33	1	0	2	2	0	1.0115	1.0110	-0.0006	0.9663	0.9662	0.0001
2023-07-06T14:14:37	1	0	17	17	0	0.9444	0.9447	0.0003	0.9844	0.9848	-0.0004
2023-07-06T14:16:33	1	0	16	16	0	0.9436	0.9437	0.0001	0.9819	0.9819	0.0000
2023-07-06T14:17:13	1	0	2	2	0	1.0195	1.0194	-0.0001	0.986	0.986	0.0000
2023-07-06T14:18:43	1	0	9	9	0	0.9522	0.9522	0.0001	0.9948	0.9948	0.0000
2023-07-06T14:20:04	1	0	4	4	0	1.0270	1.0270	0.0000	0.9716	0.9715	0.0001
2023-07-06T14:21:57	1	0	3	3	0	0.9392	0.9398	0.0006	0.988	0.9882	-0.0002
2023-07-06T14:22:00	1	0	158	149	9	0.9621	0.9624	0.0003	0.9846	0.9848	-0.0002

2023-07-06T14:22:11	1	0	15	15	0	0.9754	0.9754	0.0000	0.9987	0.9987	0.0000
2023-07-06T14:23:07	1	0	229	228	1	0.8950	0.8955	0.0005	0.9916	0.9916	0.0000
2023-07-06T14:23:20	1	0	984	986	-2	0.9340	0.9340	0.0000	0.9674	0.9673	0.0001
2023-07-06T14:25:16	1	0	3	3	0	0.9828	0.9829	0.0001	0.9908	0.9908	0.0000
2023-07-06T14:27:03	1	0	13	12	1	0.9378	0.9372	-0.0006	0.9752	0.9753	-0.0001
2023-07-06T14:27:47	1	0	2	2	0	1.0376	1.0375	-0.0001	0.9929	0.9928	0.0001
2023-07-06T14:28:20	1	0	1	1	0	1.0333	1.0333	0.0000	0.9999	0.9999	0.0000
2023-07-06T14:29:05	1	0	1	1	0	1.0413	1.0405	-0.0008	0.9996	0.9996	0.0000
2023-07-06T14:29:38	1	0	7	7	0	0.9412	0.9414	0.0002	0.9847	0.9849	-0.0002
2023-07-06T14:29:40	1	0	14	12	2	0.9410	0.9407	-0.0003	0.982	0.9821	-0.0001
2023-07-06T14:30:35	1	0	97	97	0	0.9320	0.9320	0.0000	0.9683	0.9682	0.0001
2023-07-06T14:34:56	1	0	2	2	0	1.0390	1.0382	-0.0009	-0.9999	-0.9999	0.0000
2023-07-06T14:37:00	1	0	172	171	1	0.9554	0.9557	0.0003	0.9854	0.9867	-0.0013
2023-07-06T14:40:35	1	0	3	3	0	0.9772	0.9772	0.0000	0.9996	0.9996	0.0000
2023-07-06T14:40:46	1	0	8	8	0	1.0424	1.0423	-0.0002	0.9966	0.9966	0.0000
2023-07-06T14:44:20	1	0	119	120	-1	0.9034	0.9034	0.0000	0.9752	0.9752	0.0000
2023-07-06T14:46:07	1	0	12	12	0	0.9669	0.9671	0.0001	0.968	0.9683	-0.0003
2023-07-06T14:46:13	1	0	14	15	-1	0.9578	0.9582	0.0005	0.9974	0.9972	0.0002
2023-07-06T14:47:37	1	0	95	95	0	0.8924	0.8930	0.0006	0.9	0.9002	-0.0002
2023-07-06T14:49:07	1	0	1	0	1	0.9448	null	null	0.9998	0.9998	0.0000
2023-07-06T14:49:57	1	0	2	2	0	1.0382	1.0380	-0.0003	-1	-1	0.0000
2023-07-06T14:51:40	1	0	10	10	0	1.0510	1.0510	0.0000	0.9792	0.9874	-0.0082
2023-07-06T14:52:13	1	0	8	8	0	1.0082	1.0082	0.0000	0.9995	0.9995	0.0000
2023-07-06T14:52:47	1	0	45	45	0	0.9423	0.9423	0.0001	-0.9995	-0.9994	-0.0001
2023-07-06T14:57:29	1	0	5	3	2	0.9869	1.0118	0.0249	0.9965	0.9965	0.0000
2023-07-06T15:00:50	1	0	4	4	0	1.0236	1.0235	-0.0001	0.9962	0.9962	0.0000
2023-07-06T15:00:59	1	0	4	2	2	1.0462	1.0457	-0.0005	-0.9999	-1	0.0001
2023-07-06T15:01:14	1	0	15	15	0	0.9501	0.9503	0.0002	0.997	0.9971	-0.0001
2023-07-06T15:04:10	1	0	19	18	1	0.9747	0.9765	0.0017	0.9797	0.9799	-0.0002
2023-07-06T15:04:20	1	0	1185	1186	-1	0.9291	0.9291	0.0000	0.9613	0.9612	0.0001
2023-07-06T15:12:30	1	0	2	1	1	0.9426	0.9428	0.0002	0.9975	0.9976	-0.0001
2023-07-06T15:17:04	1	0	5	4	1	1.0457	1.0456	-0.0001	0.9973	0.9972	0.0001
2023-07-06T15:19:59	2	0	4	4	0	1.0154	1.0155	0.0001	1	1	0.0000
2023-07-06T15:30:52	1	0	12	11	1	0.9796	0.9814	0.0018	0.9896	0.9897	-0.0001
2023-07-06T15:37:04	1	0	72	71	1	0.9471	0.9472	0.0001	0.9933	0.9933	0.0000
2023-07-06T15:47:06	1	0	31	31	0	1.0517	1.0516	-0.0001	-0.9999	-0.9999	0.0000
2023-07-06T15:53:31	1	0	12	12	0	1.0451	1.0450	-0.0001	0.9992	0.9993	-0.0001
2023-07-06T15:54:00	1	0	3	3	0	0.9577	0.9578	0.0002	0.9695	0.9696	-0.0001
2023-07-06T16:07:06	1	0	51	51	0	0.9436	0.9435	0.0000	0.9952	0.9952	0.0000
2023-07-06T16:25:59	1	0	1	0	1	0.9450	null	null	0.9996	0.9996	0.0000
2023-07-06T16:41:00	1	0	4	4	0	0.9422	0.9426	0.0004	0.9992	0.9992	0.0000
2023-07-07T07:52:26	1	0	17	17	0	0.9488	0.9489	0.0001	-0.9736	-0.9721	-0.0015
2023-07-07T08:09:21	1	0	69	69	0	0.9427	0.9428	0.0001	-0.9955	-0.9955	0.0000
2023-07-07T08:34:28	1	0	21	21	0	0.9479	0.9481	0.0002	0.9974	0.9974	0.0000
2023-07-07T08:49:28	1	0	19	19	0	0.9432	0.9433	0.0001	0.9979	0.9979	0.0000
2023-07-07T08:56:54	1	0	125	125	0	0.9122	0.9123	0.0001	0.9783	0.9784	-0.0001
2023-07-07T09:09:39	1	0	1	1	0	0.9386	0.9390	0.0004	0.9924	0.9924	0.0000
2023-07-07T09:13:24	1	0	4	4	0	1.0190	1.0184	-0.0006	0.9769	0.977	-0.0001
2023-07-07T09:15:12	1	0	29	27	2	1.0549	1.0548	-0.0002	0.963	0.9629	0.0001
2023-07-07T09:23:54	1	0	3	3	0	0.9901	0.9905	0.0004	-0.9734	-0.9721	-0.0013
2023-07-07T09:40:36	1	0	1	1	0	0.8120	0.8123	0.0003	0.9858	0.9858	0.0000
2023-07-07T09:45:19	1	0	7	6	1	1.0455	1.0451	-0.0004	0.9983	0.9977	0.0006
2023-07-07T09:46:35	1	0	21	17	4	0.9445	0.9448	0.0003	0.9999	0.9999	0.0000
2023-07-07T09:47:45	1	0	31	31	0	0.9440	0.9440	0.0000	-0.9922	-0.9921	-0.0001
2023-07-07T09:51:02	1	0	529	528	1	0.9453	0.9454	0.0001	0.9714	0.9715	-0.0001
2023-07-07T09:56:14	1	0	2	2	0	0.9268	0.9271	0.0003	0.9977	0.9978	-0.0001
2023-07-07T09:59:56	1	0	1	1	0	1.0359	1.0352	-0.0007	0.9832	0.983	0.0002
2023-07-07T10:00:00	1	0	2	2	0	1.0459	1.0454	-0.0006	-0.9216	-0.9219	0.0003
2023-07-07T10:00:09	1	0	2	2	0	1.0358	1.0355	-0.0004	-0.9992	-0.9992	0.0000
2023-07-07T10:00:34	1	0	65	65	0	0.9414	0.9414	0.0000	0.9914	0.9913	0.0001
2023-07-07T10:04:40	1	0	105	93	12	0.9388	0.9393	0.0005	-0.9956	-0.9956	0.0000
2023-07-07T10:05:17	1	0	11	10	1	1.0496	1.0489	-0.0007	-0.9997	-0.9997	0.0000
2023-07-07T10:05:47	1	0	2	2	0	0.9390	0.9394	0.0004	0.9939	0.994	-0.0001
2023-07-07T10:10:27	1	0	2	2	0	1.0378	1.0376	-0.0002	0.9974	0.9973	0.0001
2023-07-07T10:11:15	1	0	9	8	1	0.9453	0.9444	-0.0008	0.9983	0.9983	0.0000
2023-07-07T10:13:28	1	0	1	1	0	0.9590	0.9593	0.0003	0.9759	0.976	-0.0001
2023-07-07T10:15:34	1	0	90	89	1	0.9365	0.9365	0.0000	0.9895	0.9894	0.0001
2023-07-07T10:15:37	1	0	3	3	0	1.0205	1.0200	-0.0005	0.9923	0.9923	0.0000
2023-07-07T10:17:45	1	0	4	4	0	1.0118	1.0121	0.0003	0.9661	0.9653	0.0008
2023-07-07T10:19:42	1	0	20	20	0	0.9580	0.9579	-0.0001	0.9971	0.9971	0.0000
2023-07-07T10:19:52	1	0	9	9	0	1.0029	1.0029	0.0000	-0.9999	-0.9999	0.0000
2023-07-07T10:20:27	1	0	2	2	0	0.9561	0.9563	0.0002	-0.9986	-0.9986	0.0000
2023-07-07T10:21:04	1	0	538	538	0	0.9642	0.9642	0.0000	0.9751	0.9751	0.0000
2023-07-07T10:24:44	1	0	8	8	0	0.9401	0.9402	0.0000	0.9882	0.9882	0.0000
2023-07-07T10:25:21	1	0	1	1	0	0.9798	0.9802	0.0004	0.9977	0.9977	0.0000
2023-07-07T10:25:39	1	0	36	17	19	0.9377	0.9357	-0.0020	0.9853	0.9855	-0.0002
2023-07-07T10:29:15	1	0	3	3	0	0.9680	0.9682	0.0002	0.9808	0.981	-0.0002
2023-07-07T10:30:19	1	0	182	172	10	1.0689	1.0684	-0.0005	0.9857	0.9856	0.0001
2023-07-07T10:34:15	1	0	49	50	-1	0.9560	0.9559	-0.0001	0.9688	0.9666	0.0022
2023-07-07T10:36:05	1	0	613	613	0	0.9641	0.9641	0.0000	0.9733	0.9733	0.0000
2023-07-07T10:39:44	1	0	1	1	0	0.9331	0.9334	0.0003	0.9887	0.9886	0.0001
2023-07-07T10:40:29	1	0	2	2	0	1.0413	1.0411	-0.0002	0.9974	0.9974	0.0000
2023-07-07T10:40:39	1	0	2	2	0	0.9906	0.9904	-0.0003	0.9503	0.9502	0.0001
2023-07-07T10:40:42	1	0	48	43	5	0.9455	0.9481	0.0026	0.9516	0.9533	-0.0017
2023-07-07T10:41:02	1	0	1	1	0	1.0270	1.0266	-0.0004	0.9876	0.9875	0.0001

2023-07-07T10:41:17	1	0	49	43	6	0.9427	0.9429	0.0002	0.9971	0.9971	0.0000
2023-07-07T10:42:53	1	0	2	2	0	0.9667	0.9670	0.0003	0.8925	0.8928	-0.0003
2023-07-07T10:43:54	1	0	8	8	0	0.9597	0.9603	0.0007	0.9998	0.9998	0.0000
2023-07-07T10:43:56	1	0	2	2	0	1.0283	1.0280	-0.0003	0.9972	0.9972	0.0000
2023-07-07T10:45:19	1	0	154	153	1	1.0703	1.0703	0.0000	0.9842	0.9842	0.0000
2023-07-07T10:45:23	1	0	1	1	0	0.9440	0.9444	0.0004	0.9985	0.9986	-0.0001
2023-07-07T10:45:39	1	0	2	2	0	1.0165	1.0157	-0.0008	0.9917	0.9916	0.0001
2023-07-07T10:46:39	1	0	89	89	0	0.9378	0.9379	0.0001	0.9967	0.9967	0.0000
2023-07-07T10:47:47	1	0	3	3	0	1.0006	1.0010	0.0003	0.9461	0.9462	-0.0001
2023-07-07T11:00:04	1	0	3	1	2	1.0485	1.0450	-0.0035	-0.94	-0.9404	0.0004
2023-07-07T11:00:24	1	0	4	4	0	0.9405	0.9410	0.0005	0.9969	0.9969	0.0000
2023-07-07T11:00:40	1	0	1	1	0	1.0116	1.0111	-0.0005	0.9848	0.9846	0.0002
2023-07-07T11:01:27	1	0	10	10	0	0.9819	0.9819	0.0000	0.9988	0.9988	0.0000
2023-07-07T11:02:39	1	0	1	1	0	1.0374	1.0368	-0.0006	-0.9993	-0.9993	0.0000
2023-07-07T11:05:27	1	0	1	1	0	0.9570	0.9576	0.0006	0.9841	0.9841	0.0000
2023-07-07T11:07:14	1	0	1	1	0	0.9962	0.9976	0.0014	-0.9938	-0.995	0.0012
2023-07-07T11:10:32	1	0	2	2	0	1.0378	1.0374	-0.0003	0.998	0.9979	0.0001
2023-07-07T11:11:38	1	0	1	1	0	1.0391	1.0381	-0.0010	-0.9959	-0.9963	0.0004
2023-07-07T11:13:36	1	0	2	2	0	0.9541	0.9543	0.0002	0.9779	0.978	-0.0001
2023-07-07T11:13:56	1	0	8	8	0	0.9592	0.9598	0.0006	-0.9999	-0.9999	0.0000
2023-07-07T11:15:42	1	0	12	12	0	0.9451	0.9458	0.0007	0.9216	0.9222	-0.0006
2023-07-07T11:16:28	1	0	11	10	1	0.9780	0.9813	0.0033	0.9987	0.9988	-0.0001
2023-07-07T11:18:57	1	0	14	14	0	0.9470	0.9474	0.0004	0.8974	0.8981	-0.0007
2023-07-07T11:19:16	1	0	1	1	0	0.9828	0.9833	0.0005	0.9509	0.9507	0.0002
2023-07-07T11:19:47	1	0	13	13	0	0.9607	0.9607	0.0000	0.9946	0.9954	-0.0008
2023-07-07T11:25:33	1	0	3	3	0	1.0427	1.0426	-0.0001	0.9978	0.9977	0.0001
2023-07-07T11:25:43	1	0	78	76	2	0.9343	0.9347	0.0004	0.9847	0.9847	0.0000
2023-07-07T11:28:11	1	0	1	1	0	0.9786	0.9794	0.0008	0.9941	0.9942	-0.0001
2023-07-07T11:28:37	1	0	4	4	0	0.9434	0.9434	0.0000	0.977	0.977	0.0000
2023-07-07T11:28:46	1	0	2	2	0	1.0338	1.0336	-0.0003	0.9824	0.9824	0.0000
2023-07-07T11:28:57	1	0	9	9	0	0.9457	0.9462	0.0004	1	1	0.0000
2023-07-07T11:34:48	1	0	5	5	0	0.9738	0.9738	0.0000	0.994	0.9948	-0.0008
2023-07-07T11:37:43	1	0	33	33	0	1.0495	1.0494	0.0000	1	1	0.0000
2023-07-07T11:43:17	1	0	1	0	1	1.0555	null	null	0.9898	0.9897	0.0001
2023-07-07T11:43:38	1	0	3	3	0	1.0034	1.0033	-0.0001	0.9806	0.9806	0.0000
2023-07-07T11:45:27	1	0	9	9	0	1.0497	1.0495	-0.0002	0.9951	0.9942	0.0009
2023-07-07T11:49:49	1	0	84	82	2	0.9391	0.9394	0.0003	0.9912	0.9832	0.0080
2023-07-07T11:58:18	1	0	12	12	0	0.9431	0.9437	0.0006	0.987	0.9824	0.0046
2023-07-07T12:27:06	1	0	35	33	2	1.0481	1.0479	-0.0002	-0.9997	-0.9997	0.0000
2023-07-07T12:27:41	1	0	5	5	0	0.9414	0.9417	0.0003	0.9283	0.9286	-0.0003
2023-07-07T12:32:17	1	0	26	25	1	1.0492	1.0489	-0.0002	1	1	0.0000
2023-07-07T12:33:10	1	0	62	53	9	1.0488	1.0489	0.0001	-0.9995	-0.9996	0.0001
2023-07-07T13:21:00	1	0	237	235	2	0.8955	0.8955	0.0000	0.9966	0.9966	0.0000
2023-07-07T13:26:45	1	0	116	115	1	0.9303	0.9290	-0.0012	0.9967	0.9967	0.0000
2023-07-07T13:40:21	1	0	53	43	10	0.9974	0.9981	0.0007	0.9995	0.9995	0.0000
2023-07-07T13:49:55	1	0	179	178	1	0.9322	0.9325	0.0003	-0.9991	-0.9991	0.0000
2023-07-07T13:57:34	1	0	4	4	0	1.0200	1.0197	-0.0002	0.9621	0.9619	0.0002
2023-07-07T13:58:53	1	0	1	1	0	1.0473	1.0466	-0.0007	-1	-1	0.0000
2023-07-07T14:09:56	1	0	32	32	0	1.0456	1.0455	-0.0001	-0.9999	-0.9999	0.0000
2023-07-07T14:14:10	1	0	10	10	0	1.0426	1.0426	-0.0001	0.9969	0.9969	0.0000
2023-07-07T14:15:18	1	0	6	5	1	0.9978	1.0092	0.0114	-0.9685	-0.9668	-0.0017
2023-07-07T14:15:50	1	0	193	193	0	0.9277	0.9278	0.0001	0.9853	0.9852	0.0001
2023-07-07T14:19:59	1	0	62	62	0	0.9503	0.9503	0.0000	0.9935	0.9935	0.0000
2023-07-07T14:26:00	1	0	1	1	0	1.0138	1.0134	-0.0004	-0.9994	-0.9995	0.0001
2023-07-07T14:28:49	1	0	10	10	0	0.9714	0.9713	0.0000	0.99	0.99	0.0000
2023-07-07T14:29:09	1	0	10	10	0	0.9356	0.9360	0.0004	0.999	0.9991	-0.0001
2023-07-07T14:32:56	1	0	1	1	0	1.0586	1.0581	-0.0005	0.992	0.9919	0.0001
2023-07-07T14:33:06	1	0	3	3	0	1.0277	1.0277	0.0000	-0.9851	-0.9839	-0.0012
2023-07-07T14:34:11	1	0	14	14	0	0.9485	0.9487	0.0002	0.8899	0.8904	-0.0005
2023-07-07T14:35:45	1	0	10	10	0	0.9586	0.9586	0.0000	-0.9998	-0.9998	0.0000
2023-07-07T14:37:28	1	0	2	2	0	0.9916	0.9918	0.0001	-0.9978	-0.9978	0.0000
2023-07-07T14:38:33	1	0	3	3	0	0.9549	0.9552	0.0003	0.9973	0.9973	0.0000
2023-07-07T14:38:53	1	0	1	0	1	1.0287	null	null	0.9924	0.9924	0.0000
2023-07-07T14:40:25	1	0	14	14	0	1.0279	1.0353	0.0074	0.9973	0.9973	0.0000
2023-07-07T14:40:55	1	0	9	9	0	1.0288	1.0288	-0.0001	0.9495	0.9495	0.0000
2023-07-07T14:45:20	1	0	10	8	2	0.9862	0.9982	0.0120	-0.9743	-0.9732	-0.0011
2023-07-07T14:47:26	1	0	12	12	0	1.0452	1.0450	-0.0001	0.9998	0.9998	0.0000
2023-07-07T14:49:36	1	0	12	11	1	0.9492	0.9510	0.0018	0.991	0.991	0.0000
2023-07-07T14:56:51	1	0	6	6	0	1.0277	1.0275	-0.0002	0.9683	0.9681	0.0002
2023-07-07T14:58:57	1	0	1	1	0	1.0469	1.0466	-0.0003	1	1	0.0000
2023-07-07T15:00:00	1	0	16	16	0	1.0489	1.0486	-0.0002	-1	-1	0.0000
2023-07-07T15:15:22	1	0	11	11	0	0.9921	0.9930	0.0008	-0.9767	-0.9757	-0.0010
2023-07-07T15:20:57	1	0	9	11	-2	0.9422	0.9427	0.0004	0.9954	0.9955	-0.0001
2023-07-07T15:20:59	1	0	1	1	0	1.0104	1.0100	-0.0004	-0.9641	-0.9643	0.0002
2023-07-07T15:23:36	1	0	2	2	0	0.9689	0.9688	-0.0002	0.9972	0.9978	-0.0006
2023-07-07T15:30:07	1	0	4	4	0	1.0460	1.0455	-0.0005	0.9947	0.9945	0.0002
2023-07-07T15:45:53	1	0	8	8	0	1.0451	1.0450	-0.0001	0.9996	0.9996	0.0000
2023-07-07T15:57:10	1	0	1	1	0	1.0387	1.0381	-0.0006	0.9968	0.9968	0.0000
2023-07-07T16:06:30	1	0	14	14	0	1.0468	1.0467	-0.0001	0.9997	0.9998	-0.0001
2023-07-07T16:32:11	1	0	452	452	0	1.0767	1.0764	-0.0003	0.9958	0.9958	0.0000
2023-07-07T16:36:35	1	0	11	11	0	1.0480	1.0479	0.0000	0.9995	0.9995	0.0000
2023-07-07T16:47:12	1	0	444	444	0	1.0758	1.0757	-0.0001	0.9962	0.9961	0.0001
2023-07-07T17:02:13	1	0	446	446	0	1.0747	1.0746	-0.0001	0.9952	0.9952	0.0000
2023-07-07T17:10:56	1	0	50	50	0	1.0541	1.0540	0.0000	0.9935	0.9935	0.0000
2023-07-07T17:17:14	1	0	451	451	0	1.0759	1.0759	0.0000	0.9949	0.9949	0.0000

2023-07-07T17:24:07	1	0	2	2	0	1.0272	1.0270	-0.0002	-0.9846	-0.9846	0.0000
2023-07-08T08:01:20	1	0	460	460	0	1.0804	1.0804	0.0000	0.9885	0.9885	0.0000
2023-07-08T08:16:21	1	0	461	461	0	1.0817	1.0817	0.0000	0.9895	0.9894	0.0001
2023-07-08T08:31:22	1	0	459	459	0	1.0790	1.0789	0.0000	0.9869	0.9869	0.0000
2023-07-08T08:46:23	1	0	453	453	0	1.0774	1.0774	0.0000	0.9861	0.9861	0.0000
2023-07-08T09:01:24	1	0	457	457	0	1.0812	1.0812	0.0000	0.9856	0.9856	0.0000
2023-07-08T09:03:16	1	0	10	10	0	0.9735	0.9734	-0.0001	0.9735	0.9736	-0.0001
2023-07-08T09:13:41	1	0	41	41	0	0.9451	0.9452	0.0002	-0.997	-0.9967	-0.0003
2023-07-08T09:20:03	1	0	34	33	1	1.0536	1.0536	-0.0001	0.9931	0.9931	0.0000
2023-07-08T09:24:25	1	0	4	4	0	0.9859	0.9860	0.0001	-0.9902	-0.9901	-0.0001
2023-07-08T09:28:18	1	0	1	0	1	0.9448	null	null	-0.9966	-0.9966	0.0000
2023-07-08T09:28:23	1	0	3	3	0	1.0306	1.0299	-0.0007	-0.9934	-0.9928	-0.0006
2023-07-08T09:29:30	1	0	2	2	0	0.9412	0.9416	0.0004	0.9946	0.9947	-0.0001
2023-07-08T09:33:18	1	0	11	11	0	0.9637	0.9639	0.0002	0.9718	0.9719	-0.0001
2023-07-08T09:36:23	1	0	15	14	1	0.9456	0.9460	0.0004	-0.9999	-0.9999	0.0000
2023-07-08T09:37:30	1	0	3	3	0	0.9880	0.9882	0.0002	0.9607	0.9605	0.0002
2023-07-08T09:39:37	1	0	27	26	1	0.9323	0.9324	0.0001	-1	0.9981	0.0019
2023-07-08T09:49:41	1	0	2	2	0	1.0422	1.0419	-0.0004	0.9909	0.9911	-0.0002
2023-07-08T09:54:38	1	0	15	14	1	0.9510	0.9514	0.0005	0.9996	1	-0.0004
2023-07-08T09:59:56	1	0	26	25	1	1.0489	1.0488	-0.0002	0.9991	0.999	0.0001
2023-07-08T10:00:25	1	0	1	1	0	0.8158	0.8163	0.0005	-0.999	-0.9989	-0.0001
2023-07-08T10:01:55	1	0	90	90	0	0.9333	0.9335	0.0003	0.9969	0.9972	-0.0003
2023-07-08T10:04:49	1	0	2	0	2	1.0455	null	null	-0.9008	-0.901	0.0002
2023-07-08T10:05:06	1	0	284	273	11	1.0757	1.0757	0.0000	1	1	0.0000
2023-07-08T10:05:11	1	0	4	4	0	0.9387	0.9391	0.0004	0.9998	0.9998	0.0000
2023-07-08T10:09:04	1	0	1	1	0	0.9831	0.9835	0.0004	0.9536	0.9533	0.0003
2023-07-08T10:09:39	1	0	9	8	1	0.9619	0.9626	0.0006	0.9994	0.9995	-0.0001
2023-07-08T10:10:15	1	0	16	16	0	0.9574	0.9574	0.0000	-1	-1	0.0000
2023-07-08T10:14:57	1	0	30	31	-1	1.0502	1.0501	-0.0002	0.9992	0.9992	0.0000
2023-07-08T10:15:18	1	0	2	2	0	1.0289	1.0288	-0.0001	0.9993	0.9993	0.0000
2023-07-08T10:16:56	1	0	86	86	0	0.9369	0.9372	0.0003	0.9948	0.9948	0.0000
2023-07-08T10:18:21	1	0	12	11	1	0.9579	0.9576	-0.0003	0.9823	0.9826	-0.0003
2023-07-08T10:18:33	1	0	3	3	0	1.0096	1.0095	-0.0001	-0.9975	-0.9975	0.0000
2023-07-08T10:18:38	1	0	6	6	0	1.0492	1.0484	-0.0009	-0.9945	-0.9945	0.0000
2023-07-08T10:20:07	1	0	272	269	3	1.0756	1.0756	0.0000	0.9998	0.9998	0.0000
2023-07-08T10:20:12	1	0	13	11	2	0.9400	0.9401	0.0001	0.9996	0.9993	0.0003
2023-07-08T10:22:38	1	0	17	17	0	1.0181	1.0182	0.0001	-0.9649	-0.9631	-0.0018
2023-07-08T10:24:16	1	0	6	6	0	1.0322	1.0320	-0.0001	0.9735	0.9734	0.0001
2023-07-08T10:24:40	1	0	15	15	0	0.9372	0.9381	0.0008	0.9965	0.9966	-0.0001
2023-07-08T10:25:26	1	0	3	3	0	1.0345	1.0341	-0.0004	-0.9578	-0.9573	-0.0005
2023-07-08T10:25:56	1	0	25	24	1	1.0034	1.0034	-0.0001	0.9833	0.9832	0.0001
2023-07-08T10:26:26	1	0	1	1	0	0.9429	0.9436	0.0007	0.9998	0.9998	0.0000
2023-07-08T10:30:26	1	0	7	7	0	1.0230	1.0228	-0.0002	0.962	0.9619	0.0001
2023-07-08T10:30:50	1	0	1	1	0	0.9372	0.9378	0.0006	-0.999	-0.999	0.0000
2023-07-08T10:30:53	1	0	2	2	0	1.0276	1.0274	-0.0002	0.9986	0.9987	-0.0001
2023-07-08T10:31:34	1	0	3	3	0	1.0372	1.0367	-0.0005	-0.9979	-0.9979	0.0000
2023-07-08T10:33:22	1	0	12	11	1	0.9580	0.9578	-0.0002	0.9787	0.9789	-0.0002
2023-07-08T10:33:49	1	0	63	58	5	0.9395	0.9402	0.0007	-0.9984	-0.9984	0.0000
2023-07-08T10:34:06	1	0	5	5	0	0.9497	0.9498	0.0001	0.9741	0.9743	-0.0002
2023-07-08T10:34:30	1	0	1	0	1	1.0451	null	null	-0.9999	-0.9999	0.0000
2023-07-08T10:35:26	1	0	83	83	0	0.9309	0.9310	0.0002	0.9904	0.9905	-0.0001
2023-07-08T10:36:26	1	0	2	2	0	1.0314	1.0310	-0.0004	-0.9999	-0.9999	0.0000
2023-07-08T10:40:57	1	0	84	79	5	0.9568	0.9570	0.0002	0.979	0.9791	-0.0001
2023-07-08T10:44:35	1	0	22	22	0	0.9425	0.9425	0.0000	0.99	0.99	0.0000
2023-07-08T10:45:20	1	0	1	1	0	1.0358	1.0355	-0.0003	0.9994	0.9994	0.0000
2023-07-08T10:45:51	1	0	1	1	0	0.9368	0.9371	0.0003	-0.9994	-0.9994	0.0000
2023-07-08T10:46:35	1	0	3	3	0	1.0371	1.0369	-0.0001	-0.9981	-0.9981	0.0000
2023-07-08T10:52:32	1	0	2	2	0	1.0465	1.0459	-0.0007	-0.9637	-0.9642	0.0005
2023-07-08T10:55:58	1	0	151	151	0	0.9483	0.9482	0.0000	0.9789	0.9788	0.0001
2023-07-08T11:00:00	1	0	108	106	2	1.0501	1.0501	-0.0001	0.9985	0.9984	0.0001
2023-07-08T11:03:24	1	0	13	13	0	0.9698	0.9698	0.0000	0.9805	0.9806	-0.0001
2023-07-08T11:04:53	1	0	4	4	0	1.0511	1.0508	-0.0003	-0.9333	-0.9338	0.0005
2023-07-08T11:06:18	1	0	6	6	0	0.9963	0.9962	-0.0001	-0.9996	-0.9996	0.0000
2023-07-08T11:07:33	1	0	5	5	0	1.0478	1.0475	-0.0003	-0.9684	-0.9685	0.0001
2023-07-08T11:07:36	1	0	4	4	0	1.0091	1.0093	0.0001	0.9749	0.9744	0.0005
2023-07-08T11:10:39	1	0	1	1	0	0.9399	0.9405	0.0006	0.9962	0.9963	-0.0001
2023-07-08T11:15:22	1	0	2	2	0	1.0379	1.0376	-0.0003	0.9988	0.9988	0.0000
2023-07-08T11:16:16	1	0	36	30	6	0.9406	0.9402	-0.0003	0.9999	0.9999	0.0000
2023-07-08T11:16:25	1	0	76	75	1	0.9372	0.9357	-0.0015	0.9999	0.9999	0.0000
2023-07-08T11:18:42	1	0	7	7	0	1.0477	1.0474	-0.0003	-0.9942	-0.9942	0.0000
2023-07-08T11:24:45	1	0	87	86	1	0.9117	0.9117	0.0001	0.994	0.9885	0.0055
2023-07-08T11:27:50	1	0	9	9	0	1.0280	1.0278	-0.0001	0.9999	0.9998	0.0001
2023-07-08T11:30:30	1	0	5	5	0	1.0029	1.0028	-0.0001	0.9586	0.9585	0.0001
2023-07-08T11:39:45	1	0	72	72	0	0.9373	0.9373	0.0000	0.9928	0.9946	-0.0018
2023-07-08T12:01:19	1	0	82	80	2	0.9395	0.9393	-0.0002	0.9996	0.9996	0.0000
2023-07-08T12:09:47	1	0	232	232	0	0.9222	0.9223	0.0001	0.9922	0.9922	0.0000
2023-07-08T12:58:21	1	0	4	4	0	0.9549	0.9551	0.0002	1	1	0.0000
2023-07-08T12:59:33	1	0	1	1	0	0.9304	0.9308	0.0004	0.9968	0.9969	-0.0001
2023-07-08T13:00:33	1	0	1	1	0	1.0370	1.0366	-0.0004	0.9988	0.9988	0.0000
2023-07-08T13:28:34	1	0	2	2	0	1.0157	1.0159	0.0002	-0.9987	-0.9987	0.0000
2023-07-08T13:31:25	1	0	171	171	0	0.9365	0.9365	0.0000	0.9985	0.9985	0.0000
2023-07-08T13:31:34	1	0	1	1	0	0.9406	0.9409	0.0003	0.9679	0.9679	0.0000
2023-07-08T13:41:23	1	0	14	14	0	1.0491	1.0490	0.0000	0.9988	0.9988	0.0000
2023-07-08T13:55:30	1	0	3	3	0	1.0155	1.0157	0.0002	0.9646	0.9648	-0.0002
2023-07-08T14:02:31	1	0	2	2	0	0.9439	0.9441	0.0002	0.9985	0.9985	0.0000

2023-07-08T14:05:05	1	0	4	4	0	1.0241	1.0244	0.0003	-0.9639	-0.9627	-0.0012
2023-07-08T14:06:59	1	0	84	84	0	0.9804	0.9804	0.0000	0.9967	0.9968	-0.0001
2023-07-08T14:09:51	1	0	54	53	1	1.0498	1.0497	-0.0001	-0.9848	-0.9848	0.0000
2023-07-08T14:10:31	1	0	4	4	0	1.0002	1.0005	0.0003	0.9628	0.9629	-0.0001
2023-07-08T14:17:22	1	0	75	74	1	0.9341	0.9341	0.0000	0.9625	0.9626	-0.0001
2023-07-08T14:20:06	1	0	5	5	0	1.0296	1.0300	0.0003	-0.9656	-0.9641	-0.0015
2023-07-08T14:20:54	1	0	4	4	0	1.0423	1.0421	-0.0002	0.9757	0.9753	0.0004
2023-07-08T14:22:52	1	0	7	7	0	1.0065	1.0066	0.0001	0.9786	0.978	0.0006
2023-07-08T14:24:52	1	0	135	133	2	1.0542	1.0541	-0.0001	-0.9849	-0.9848	-0.0001
2023-07-08T14:25:32	1	0	79	79	0	0.9311	0.9311	0.0000	-0.9996	-0.9996	0.0000
2023-07-08T14:25:32	1	0	3	3	0	0.9846	0.9849	0.0002	0.9629	0.963	-0.0001
2023-07-08T14:28:27	1	0	2	2	0	0.9855	0.9852	-0.0003	-0.9963	-0.9962	-0.0001
2023-07-08T14:28:44	1	0	1	0	1	1.0310	null	null	-0.994	-0.9941	0.0001
2023-07-08T14:32:15	1	0	2	2	0	0.9590	0.9593	0.0003	-0.9959	-0.9958	-0.0001
2023-07-08T14:33:45	1	0	1	0	1	0.9587	null	null	0.9813	0.9815	-0.0002
2023-07-08T14:34:05	1	0	9	8	1	0.9530	0.9549	0.0019	-0.9987	-0.9986	-0.0001
2023-07-08T14:35:24	1	0	18	18	0	1.0247	1.0247	0.0000	0.9838	0.984	-0.0002
2023-07-08T14:49:06	1	0	19	16	3	0.9498	0.9516	0.0018	-0.9989	-0.9988	-0.0001
2023-07-08T14:49:07	1	0	28	28	0	0.9485	0.9485	0.0000	0.9968	0.9968	0.0000
2023-07-08T14:50:08	1	0	4	4	0	1.0236	1.0241	0.0005	-0.9645	-0.9631	-0.0014
2023-07-08T14:57:33	1	0	1	1	0	0.9696	0.9702	0.0006	0.9998	0.9998	0.0000
2023-07-08T15:02:35	1	0	4	4	0	0.9404	0.9407	0.0003	0.9942	0.9942	0.0000
2023-07-08T15:03:47	1	0	2	2	0	0.9855	0.9858	0.0003	0.9916	0.9917	-0.0001
2023-07-08T15:04:07	1	0	17	15	2	0.9483	0.9492	0.0009	-0.9993	-0.9992	-0.0001
2023-07-08T15:06:47	1	0	81	82	-1	0.9386	0.9388	0.0002	0.9999	0.9999	0.0000
2023-07-08T15:09:55	1	0	63	62	1	1.0510	1.0509	-0.0001	-0.9867	-0.9867	0.0000
2023-07-08T15:11:19	1	0	15	12	3	1.0421	1.0411	-0.0010	0.9852	0.9851	0.0001
2023-07-08T15:18:48	1	0	13	10	3	0.9441	0.9444	0.0003	0.9833	0.9834	-0.0001
2023-07-08T15:30:33	1	0	1	1	0	0.9873	0.9878	0.0005	0.9993	0.9993	0.0000
2023-07-08T15:30:49	1	0	20	9	11	0.9537	0.9668	0.0131	0.947	0.9484	-0.0014
2023-07-08T15:39:54	1	0	7	4	3	0.9438	0.9442	0.0004	0.9995	0.9995	0.0000
2023-07-08T16:19:13	1	0	13	13	0	0.9442	0.9443	0.0000	0.996	0.996	0.0000
2023-07-08T16:39:41	1	0	317	313	4	0.9189	0.9191	0.0003	0.961	0.9607	0.0003
2023-07-08T16:54:42	1	0	357	356	1	0.9166	0.9168	0.0001	0.9596	0.9593	0.0003
2023-07-08T17:05:57	1	0	111	110	1	0.9316	0.9317	0.0002	0.9997	0.9997	0.0000
2023-07-08T17:09:03	1	0	124	124	0	0.9404	0.9406	0.0002	-0.9964	-0.9964	0.0000
2023-07-08T17:12:52	1	0	47	47	0	0.9157	0.9161	0.0004	-0.9994	-0.9994	0.0000
2023-07-08T17:13:21	1	0	166	165	1	0.9161	0.9164	0.0004	0.996	0.9963	-0.0003
2023-07-08T17:15:38	1	0	243	240	3	0.9257	0.9257	0.0000	0.9939	0.994	-0.0001
2023-07-08T17:16:05	1	0	325	325	0	1.0737	1.0737	-0.0001	0.9843	0.9842	0.0001
2023-07-08T17:18:16	1	0	107	105	2	0.9389	0.9389	0.0001	-1	-1	0.0000
2023-07-08T17:24:02	1	0	143	143	0	0.9199	0.9200	0.0001	0.9896	0.9897	-0.0001
2023-07-08T17:27:53	1	0	41	41	0	0.9242	0.9244	0.0002	-0.9994	-0.9994	0.0000
2023-07-08T17:30:39	1	0	385	383	2	0.9210	0.9210	0.0000	0.9924	0.9924	0.0000
2023-07-08T17:31:05	1	0	307	307	0	1.0736	1.0736	0.0000	0.9842	0.9841	0.0001
2023-07-08T17:33:16	1	0	106	105	1	0.9402	0.9402	0.0000	-0.9999	-0.9999	0.0000
2023-07-08T17:38:59	1	0	401	400	1	0.9204	0.9205	0.0001	0.9924	0.9924	0.0000
2023-07-08T17:46:06	1	0	364	364	0	1.0757	1.0757	0.0000	0.9865	0.9865	0.0000
2023-07-08T18:01:07	1	0	389	389	0	1.0785	1.0785	0.0000	0.989	0.989	0.0000
2023-07-09T08:01:21	1	0	461	461	0	1.0838	1.0838	0.0000	0.9832	0.9832	0.0000
2023-07-09T08:09:21	1	0	67	66	1	0.9424	0.9425	0.0001	-0.9867	-0.9867	0.0000
2023-07-09T08:16:22	1	0	461	461	0	1.0827	1.0826	0.0000	0.9834	0.9834	0.0000
2023-07-09T08:31:23	1	0	461	461	0	1.0815	1.0815	0.0000	0.9828	0.9827	0.0001
2023-07-09T08:46:24	1	0	460	460	0	1.0810	1.0809	0.0000	0.9826	0.9826	0.0000
2023-07-09T09:01:25	1	0	459	459	0	1.0803	1.0803	0.0000	0.979	0.979	0.0000
2023-07-09T09:03:15	1	0	8	8	0	0.9699	0.9698	-0.0001	0.9758	0.9755	0.0003
2023-07-09T09:20:03	1	0	12	11	1	1.0496	1.0499	0.0003	0.9965	0.9965	0.0000
2023-07-09T09:22:30	1	0	2	2	0	1.0003	1.0005	0.0002	0.9664	0.9662	0.0002
2023-07-09T09:28:18	1	0	1	1	0	0.9445	0.9448	0.0003	-0.9919	-0.9919	0.0000
2023-07-09T09:33:17	1	0	8	8	0	1.0032	1.0034	0.0001	0.9779	0.978	-0.0001
2023-07-09T09:45:25	1	0	1	1	0	0.8350	0.8353	0.0003	0.9905	0.9906	-0.0001
2023-07-09T09:49:42	1	0	1	1	0	1.0380	1.0375	-0.0005	0.9965	0.9967	-0.0002
2023-07-09T09:58:48	1	0	3	3	0	1.0332	1.0329	-0.0003	-0.9344	-0.9338	-0.0006
2023-07-09T10:04:05	1	0	3	3	0	0.9501	0.9504	0.0003	0.9832	0.9833	-0.0001
2023-07-09T10:04:53	1	0	2	2	0	1.0476	1.0470	-0.0006	-0.8724	-0.8727	0.0003
2023-07-09T10:11:39	1	0	85	85	0	0.8996	0.8998	0.0003	-0.9991	-0.999	-0.0001
2023-07-09T10:15:18	1	0	2	2	0	1.0332	1.0331	-0.0002	0.999	0.999	0.0000
2023-07-09T10:15:53	1	0	1	1	0	1.0408	1.0404	-0.0004	-1	-1	0.0000
2023-07-09T10:18:20	1	0	9	9	0	0.9650	0.9650	0.0000	0.974	0.9741	-0.0001
2023-07-09T10:20:07	1	0	17	16	1	1.0487	1.0483	-0.0004	0.9919	0.9919	0.0000
2023-07-09T10:20:33	1	0	1	1	0	1.0353	1.0350	-0.0003	-0.9997	-0.9997	0.0000
2023-07-09T10:20:42	1	0	8	8	0	1.0155	1.0155	0.0000	-0.9966	-0.9966	0.0000
2023-07-09T10:21:14	1	0	8	8	0	1.0230	1.0230	0.0000	-0.9967	-0.9967	0.0000
2023-07-09T10:22:34	1	0	2	2	0	0.9961	0.9963	0.0002	0.9658	0.9654	0.0004
2023-07-09T10:22:54	1	0	10	9	1	1.0377	1.0412	0.0035	-0.9952	-0.9953	0.0001
2023-07-09T10:24:10	1	0	47	45	2	0.9783	0.9789	0.0006	0.969	0.9664	0.0026
2023-07-09T10:28:03	1	0	2	2	0	1.0172	1.0166	-0.0007	0.9898	0.9898	0.0000
2023-07-09T10:30:59	1	0	1	1	0	0.9215	0.9221	0.0006	-0.9992	-0.9991	-0.0001
2023-07-09T10:31:51	1	0	77	77	0	0.9421	0.9421	0.0000	0.998	0.998	0.0000
2023-07-09T10:33:44	1	0	3	3	0	1.0289	1.0286	-0.0003	0.9999	0.9999	0.0000
2023-07-09T10:34:31	1	0	6	6	0	1.0459	1.0458	-0.0002	-0.9892	-0.9894	0.0002
2023-07-09T10:35:13	1	0	24	21	3	0.9379	0.9383	0.0004	0.9995	0.9992	0.0003
2023-07-09T10:40:18	1	0	3	3	0	0.9807	0.9808	0.0001	-0.9992	-0.9991	-0.0001
2023-07-09T10:40:55	1	0	25	24	1	1.0060	1.0059	-0.0001	0.9708	0.9707	0.0001
2023-07-09T10:42:05	1	0	1	1	0	1.0013	1.0026	0.0013	-0.9527	-0.9521	-0.0006

2023-07-09T10:45:20	1	0	2	2	0	1.0358	1.0357	-0.0002	0.9988	0.9988	0.0000
2023-07-09T10:45:27	1	0	11	11	0	0.9509	0.9508	-0.0001	0.9819	0.9817	0.0002
2023-07-09T10:46:00	1	0	1	1	0	0.9240	0.9243	0.0003	-0.9993	-0.9993	0.0000
2023-07-09T10:46:25	1	0	2	2	0	1.0598	1.0594	-0.0005	-0.9977	-0.9977	0.0000
2023-07-09T10:48:22	1	0	11	11	0	0.9538	0.9538	0.0000	0.9861	0.9866	-0.0005
2023-07-09T10:48:46	1	0	3	3	0	1.0249	1.0248	-0.0001	0.9997	0.9997	0.0000
2023-07-09T10:50:09	1	0	15	15	0	1.0505	1.0504	-0.0001	0.9906	0.9905	0.0001
2023-07-09T10:50:18	1	0	1	1	0	1.0393	1.0389	-0.0004	-0.9986	-0.9986	0.0000
2023-07-09T10:50:44	1	0	4	4	0	1.0202	1.0202	-0.0001	-0.9966	-0.9966	0.0000
2023-07-09T10:51:26	1	0	2	2	0	1.0342	1.0337	-0.0004	-0.9921	-0.9923	0.0002
2023-07-09T10:51:28	1	0	2	0	2	0.9446	null	null	1	1	0.0000
2023-07-09T10:55:39	1	0	1	1	0	0.9436	0.9441	0.0005	0.9904	0.9905	-0.0001
2023-07-09T10:55:56	1	0	68	67	1	0.9987	0.9986	-0.0001	0.9712	0.9711	0.0001
2023-07-09T10:58:26	1	0	2	2	0	1.0352	1.0351	-0.0002	0.9897	0.9896	0.0001
2023-07-09T10:59:24	1	0	2	2	0	1.0447	1.0443	-0.0003	0.9977	0.9999	-0.0022
2023-07-09T11:03:44	1	0	1	1	0	1.0358	1.0355	-0.0003	0.9966	0.9965	0.0001
2023-07-09T11:04:57	1	0	3	3	0	1.0507	1.0504	-0.0003	-0.8813	-0.882	0.0007
2023-07-09T11:06:17	1	0	6	6	0	0.9978	0.9977	-0.0001	-0.9998	-0.9998	0.0000
2023-07-09T11:07:31	1	0	1	1	0	1.0586	1.0581	-0.0005	0.9947	0.9946	0.0001
2023-07-09T11:09:35	1	0	18	18	0	0.9697	0.9697	-0.0001	0.9983	0.9983	0.0000
2023-07-09T11:10:57	1	0	269	269	0	0.9470	0.9469	-0.0001	0.9708	0.9707	0.0001
2023-07-09T11:14:37	1	0	3	3	0	0.9389	0.9391	0.0001	0.993	0.9931	-0.0001
2023-07-09T11:15:40	1	0	6	6	0	1.0539	1.0538	-0.0001	-0.9351	-0.947	0.0119
2023-07-09T11:24:36	1	0	14	14	0	0.9716	0.9715	-0.0001	0.9972	0.9972	0.0000
2023-07-09T11:29:26	1	0	1	1	0	0.9419	0.9423	0.0004	0.9968	0.9968	0.0000
2023-07-09T11:31:29	1	0	1	1	0	1.0258	1.0249	-0.0009	0.9955	0.995	0.0005
2023-07-09T11:39:12	1	0	1	1	0	0.9802	0.9806	0.0004	0.9314	0.9316	-0.0002
2023-07-09T11:39:15	1	0	41	40	1	0.9669	0.9670	0.0001	0.967	0.9671	-0.0001
2023-07-09T11:39:37	1	0	28	28	0	0.9512	0.9511	-0.0001	0.9977	0.9977	0.0000
2023-07-09T11:47:16	1	0	1	1	0	1.0560	1.0552	-0.0008	0.9888	0.9888	0.0000
2023-07-09T12:31:24	1	0	1	1	0	0.9438	0.9447	0.0009	0.9748	0.9748	0.0000
2023-07-09T12:58:16	1	0	2	2	0	0.9681	0.9679	-0.0003	-0.9988	-0.9988	0.0000
2023-07-09T13:00:42	1	0	2	2	0	0.9718	0.9712	-0.0006	-0.9985	-0.9988	0.0003
2023-07-09T13:02:17	1	0	4	4	0	0.9836	0.9833	-0.0003	0.9785	0.9783	0.0002
2023-07-09T13:03:31	1	0	14	14	0	0.9646	0.9646	0.0000	0.9832	0.9835	-0.0003
2023-07-09T13:30:42	1	0	55	47	8	0.9509	0.9670	0.0161	0.9846	0.9848	-0.0002
2023-07-09T13:37:10	1	0	11	11	0	1.0144	1.0144	0.0000	0.7767	0.7771	-0.0004
2023-07-09T13:38:10	1	0	42	41	1	1.0479	1.0475	-0.0003	-0.992	-0.992	0.0000
2023-07-09T13:46:50	1	0	30	30	0	0.9529	0.9529	0.0000	-0.9984	-0.9984	0.0000
2023-07-09T13:47:24	1	0	4	4	0	0.9685	0.9687	0.0001	0.9906	0.9907	-0.0001
2023-07-09T14:00:47	1	0	1	1	0	1.0145	1.0142	-0.0003	-0.9948	-0.9951	0.0003
2023-07-09T14:08:12	1	0	71	69	2	1.0507	1.0505	-0.0002	-0.9925	-0.9925	0.0000
2023-07-09T14:11:41	1	0	3	3	0	1.0592	1.0591	-0.0002	-1	-1	0.0000
2023-07-09T14:20:56	1	0	6	6	0	1.0394	1.0391	-0.0003	0.9982	0.9981	0.0001
2023-07-09T14:31:56	1	0	1	1	0	1.0399	1.0391	-0.0008	-0.9999	-0.9999	0.0000
2023-07-09T14:33:05	1	0	1	1	0	1.0415	1.0407	-0.0008	0.985	0.9847	0.0003
2023-07-09T14:34:50	1	0	17	17	0	1.0482	1.0481	-0.0001	-0.9863	-0.9865	0.0002
2023-07-09T14:36:45	1	0	14	14	0	1.0015	1.0013	-0.0002	-0.9998	-0.9999	0.0001
2023-07-09T14:37:59	1	0	23	22	1	1.0419	1.0413	-0.0006	0.989	0.9896	-0.0006
2023-07-09T14:38:14	1	0	139	136	3	1.0526	1.0524	-0.0002	-0.9904	-0.9904	0.0000
2023-07-09T14:45:36	1	0	3	3	0	1.0426	1.0424	-0.0002	0.996	0.9959	0.0001
2023-07-09T14:52:58	1	0	112	111	1	1.0532	1.0532	0.0000	-0.9716	-0.9709	-0.0007
2023-07-09T15:05:31	1	0	7	6	1	1.0309	1.0279	-0.0030	-0.9996	-0.9997	0.0001
2023-07-09T15:05:47	1	0	2	2	0	1.0205	1.0204	-0.0002	0.9794	0.9916	-0.0122
2023-07-09T15:08:16	1	0	172	169	3	1.0533	1.0532	-0.0001	-0.9845	-0.9845	0.0000
2023-07-09T15:15:51	1	0	1	1	0	1.0496	1.0469	-0.0027	0.9629	0.9617	0.0012
2023-07-09T15:29:39	1	0	4	4	0	1.0093	1.0092	-0.0001	0.9678	0.9674	0.0004
2023-07-09T15:53:00	1	0	8	8	0	1.0280	1.0280	-0.0001	0.9721	0.9716	0.0005
2023-07-09T17:25:09	1	0	16	16	0	0.9457	0.9458	0.0001	0.9993	0.9959	0.0034
2023-07-09T17:26:59	1	0	469	467	2	0.8561	0.8568	0.0007	0.9839	0.984	-0.0001
2023-07-09T17:27:06	1	0	3	3	0	1.0302	1.0300	-0.0003	0.9993	0.9993	0.0000
2023-07-09T17:42:00	1	0	495	495	0	0.8489	0.8493	0.0004	0.9821	0.9822	-0.0001
2023-07-09T17:42:07	1	0	3	3	0	1.0306	1.0305	-0.0001	0.9993	0.9998	-0.0005
2023-07-09T17:57:01	1	0	511	512	-1	0.8434	0.8436	0.0003	0.9805	0.9806	-0.0001
2023-07-10T08:01:28	1	0	462	462	0	1.0797	1.0797	0.0000	0.9859	0.9858	0.0001
2023-07-10T08:16:29	1	0	461	461	0	1.0791	1.0791	0.0000	0.9845	0.9844	0.0001
2023-07-10T08:20:09	1	0	5	5	0	1.0446	1.0446	0.0000	-0.9993	-0.9993	0.0000
2023-07-10T08:26:36	1	0	78	77	1	0.9222	0.9219	-0.0002	-0.9997	-0.9996	-0.0001
2023-07-10T08:28:23	1	0	4	4	0	1.0300	1.0294	-0.0007	-0.9851	-0.984	-0.0011
2023-07-10T08:31:30	1	0	462	462	0	1.0796	1.0796	0.0000	0.9841	0.9841	0.0000
2023-07-10T08:43:24	1	0	4	4	0	1.0279	1.0276	-0.0004	-0.9852	-0.9853	0.0001
2023-07-10T08:46:31	1	0	461	461	0	1.0784	1.0784	0.0000	0.9826	0.9826	0.0000
2023-07-10T08:56:38	1	0	609	609	0	0.7886	0.7886	0.0000	0.9901	0.9903	-0.0002
2023-07-10T09:45:28	1	0	1	1	0	0.8478	0.8482	0.0004	0.9847	0.9847	0.0000
2023-07-10T09:49:46	1	0	1	1	0	1.0408	1.0402	-0.0006	0.9938	0.9938	0.0000
2023-07-10T09:50:15	1	0	2	2	0	1.0454	1.0447	-0.0007	1	1	0.0000
2023-07-10T09:53:11	1	0	9	9	0	0.9387	0.9393	0.0006	0.9858	0.986	-0.0002
2023-07-10T09:53:35	1	0	14	14	0	0.9831	0.9834	0.0003	-0.9998	-0.9998	0.0000
2023-07-10T10:01:36	1	0	462	462	0	1.0809	1.0809	0.0000	0.9801	0.98	0.0001
2023-07-10T10:03:22	1	0	4	4	0	0.9435	0.9439	0.0004	0.9553	0.9554	-0.0001
2023-07-10T10:05:16	1	0	27	25	2	1.0498	1.0494	-0.0004	0.9998	0.9998	0.0000
2023-07-10T10:06:28	1	0	2	1	1	0.9444	0.9446	0.0002	0.9995	0.9995	0.0000
2023-07-10T10:06:37	1	0	4	4	0	0.9413	0.9427	0.0013	-0.9993	-0.9992	-0.0001
2023-07-10T10:09:33	1	0	2	2	0	0.9626	0.9631	0.0006	0.9935	0.9936	-0.0001
2023-07-10T10:09:45	1	0	7	7	0	1.0210	1.0210	0.0000	0.996	0.9959	0.0001

2023-07-10T10:10:56	1	0	554	552	2	0.9461	0.9463	0.0002	0.9567	0.9568	-0.0001
2023-07-10T10:12:06	1	0	2	2	0	1.0017	1.0019	0.0002	-0.9685	-0.9682	-0.0003
2023-07-10T10:13:10	1	0	1	1	0	1.0047	1.0043	-0.0004	-0.9849	-0.985	0.0001
2023-07-10T10:16:54	1	0	34	30	4	0.9514	0.9526	0.0012	0.9858	0.9858	0.0000
2023-07-10T10:18:46	1	0	1	1	0	1.0367	1.0361	-0.0006	0.9986	0.9985	0.0001
2023-07-10T10:20:29	1	0	1	0	1	1.0085	null	null	0.9907	0.9904	0.0003
2023-07-10T10:22:27	1	0	1	1	0	1.0448	1.0443	-0.0005	1	-0.9998	-0.0002
2023-07-10T10:22:32	1	0	1	1	0	1.0558	1.0555	-0.0003	0.997	0.9969	0.0001
2023-07-10T10:24:21	1	0	11	11	0	1.0259	1.0259	0.0000	0.9558	0.9557	0.0001
2023-07-10T10:25:43	1	0	1	1	0	0.9434	0.9438	0.0004	0.9897	0.9898	-0.0001
2023-07-10T10:25:57	1	0	551	551	0	0.9354	0.9354	0.0000	0.956	0.9559	0.0001
2023-07-10T10:29:39	1	0	1	1	0	0.9336	0.9339	0.0003	0.9862	0.9863	-0.0001
2023-07-10T10:30:22	1	0	1	1	0	1.0443	1.0440	-0.0003	0.996	0.996	0.0000
2023-07-10T10:31:38	1	0	1	1	0	1.0376	1.0369	-0.0007	-0.9992	-0.9992	0.0000
2023-07-10T10:33:24	1	0	2	2	0	0.9530	0.9541	0.0010	0.9615	0.9617	-0.0002
2023-07-10T10:34:10	1	0	2	2	0	0.9597	0.9601	0.0004	0.9694	0.9697	-0.0003
2023-07-10T10:34:34	1	0	4	3	1	1.0465	1.0464	-0.0001	0.999	0.9989	0.0001
2023-07-10T10:36:28	1	0	2	2	0	1.0310	1.0306	-0.0004	-0.9994	-0.9995	0.0001
2023-07-10T10:38:14	1	0	7	7	0	0.9435	0.9439	0.0004	0.9964	0.9965	-0.0001
2023-07-10T10:38:59	1	0	17	17	0	0.9456	0.9457	0.0001	0.8884	0.889	-0.0006
2023-07-10T10:39:35	1	0	2	2	0	0.9999	0.9997	-0.0002	0.9939	0.9957	-0.0018
2023-07-10T10:40:14	1	0	12	11	1	1.0485	1.0478	-0.0007	1	1	0.0000
2023-07-10T10:45:31	1	0	1	1	0	1.0177	1.0171	-0.0006	0.9841	0.984	0.0001
2023-07-10T10:45:34	1	0	3	3	0	1.0295	1.0282	-0.0013	0.9714	0.9477	0.0237
2023-07-10T10:45:55	1	0	1	1	0	0.9445	0.9448	0.0003	0.9994	0.9995	-0.0001
2023-07-10T10:46:22	1	0	3	3	0	1.0232	1.0230	-0.0001	0.9684	0.9683	0.0001
2023-07-10T10:47:15	1	0	1	0	1	1.0550	null	null	0.9744	0.9745	-0.0001
2023-07-10T10:47:28	1	0	12	12	0	1.0579	1.0577	-0.0002	-0.9835	-0.9838	0.0003
2023-07-10T10:48:33	1	0	1	0	1	0.9447	null	null	1	1	0.0000
2023-07-10T10:50:24	1	0	1	0	1	1.0330	null	null	0.9981	0.9981	0.0000
2023-07-10T10:52:39	1	0	7	7	0	1.0142	1.0141	-0.0001	0.917	0.9163	0.0007
2023-07-10T10:54:50	1	0	5	5	0	1.0173	1.0172	0.0000	0.9972	0.9972	0.0000
2023-07-10T10:59:30	1	0	1	1	0	0.9383	0.9387	0.0004	0.9907	0.9895	0.0012
2023-07-10T11:00:53	1	0	1	0	1	0.9795	null	null	0.9992	0.9989	0.0003
2023-07-10T11:03:26	1	0	4	4	0	0.9480	0.9485	0.0005	0.9555	0.9561	-0.0006
2023-07-10T11:03:54	1	0	3	2	1	0.9492	0.9523	0.0031	-0.999	-0.9989	-0.0001
2023-07-10T11:03:54	1	0	1	1	0	1.0362	1.0358	-0.0004	0.9973	0.9973	0.0000
2023-07-10T11:06:20	1	0	6	6	0	1.0056	1.0055	-0.0001	-1	-1	0.0000
2023-07-10T11:06:41	1	0	2	2	0	0.9574	0.9575	0.0001	-0.9956	-0.9955	-0.0001
2023-07-10T11:07:32	1	0	1	1	0	1.0327	1.0319	-0.0008	-1	-1	0.0000
2023-07-10T11:08:16	1	0	8	8	0	0.9463	0.9466	0.0003	0.9965	0.9966	-0.0001
2023-07-10T11:09:01	1	0	39	33	6	0.9436	0.9427	-0.0009	0.888	0.8892	-0.0012
2023-07-10T11:15:57	1	0	1	1	0	0.9347	0.9352	0.0005	0.9994	0.9994	0.0000
2023-07-10T11:16:32	1	0	2	2	0	1.0487	1.0483	-0.0005	-0.9947	-0.9954	0.0007
2023-07-10T11:20:24	1	0	1	1	0	0.9429	0.9434	0.0005	0.9903	0.9904	-0.0001
2023-07-10T11:24:02	1	0	19	19	0	0.9448	0.9448	0.0000	0.8982	0.8987	-0.0005
2023-07-10T11:24:38	1	0	37	34	3	0.9562	0.9570	0.0007	0.9931	0.9909	0.0022
2023-07-10T11:33:16	1	0	4	4	0	0.9493	0.9496	0.0003	0.9618	0.9624	-0.0006
2023-07-10T11:37:34	1	0	1	1	0	1.0300	1.0297	-0.0003	-1	-1	0.0000
2023-07-10T11:39:38	1	0	5	4	1	0.9464	0.9477	0.0013	-0.9905	-0.9976	0.0071
2023-07-10T11:52:43	1	0	2	2	0	0.9885	0.9890	0.0005	0.9062	0.9058	0.0004
2023-07-10T11:54:39	1	0	2	2	0	0.9499	0.9503	0.0004	-0.996	-0.996	0.0000
2023-07-10T11:55:49	1	0	7	7	0	1.0011	1.0010	-0.0001	0.9908	0.9908	0.0000
2023-07-10T11:59:45	1	0	2	2	0	0.9340	0.9342	0.0003	0.9843	0.9845	-0.0002
2023-07-10T12:05:20	1	0	18	18	0	1.0523	1.0522	-0.0001	0.9543	0.9542	0.0001
2023-07-10T12:09:41	1	0	18	18	0	0.9758	0.9759	0.0001	0.9897	0.9909	-0.0012
2023-07-10T12:51:55	1	0	22	19	3	1.0434	1.0459	0.0026	-0.9926	-0.9924	-0.0002
2023-07-10T13:00:45	1	0	2	2	0	0.9697	0.9692	-0.0006	-0.9986	-0.9998	0.0012
2023-07-10T14:03:39	1	0	8	8	0	0.9431	0.9432	0.0000	0.979	0.9791	-0.0001
2023-07-10T14:11:26	1	0	16	16	0	1.0284	1.0284	0.0000	0.9995	0.9995	0.0000
2023-07-10T14:16:06	2	0	49	43	6	0.9422	0.9425	0.0003	0.9964	0.9964	0.0000
2023-07-10T14:18:09	1	0	2	2	0	0.9563	0.9566	0.0003	0.9287	0.929	-0.0003
2023-07-10T14:18:40	1	0	11	11	0	0.9523	0.9523	0.0000	0.9792	0.9791	0.0001
2023-07-10T14:19:07	1	0	19	18	1	0.9431	0.9434	0.0003	-0.9999	-0.9999	0.0000
2023-07-10T14:24:14	1	0	61	62	-1	0.9406	0.9409	0.0003	0.8835	0.8847	-0.0012
2023-07-10T14:24:53	1	0	6	6	0	0.9712	0.9712	0.0000	-0.9976	-0.9976	0.0000
2023-07-10T14:24:58	1	0	7	7	0	0.9644	0.9644	0.0000	0.9934	0.9934	0.0000
2023-07-10T14:26:46	1	0	1	1	0	0.9439	0.9447	0.0008	0.9964	0.9965	-0.0001
2023-07-10T14:33:19	1	0	1	1	0	0.9748	0.9756	0.0008	0.9909	0.991	-0.0001
2023-07-10T14:33:24	1	0	4	4	0	0.9849	0.9846	-0.0003	0.9841	0.9841	0.0000
2023-07-10T14:34:08	1	0	20	18	2	0.9482	0.9489	0.0007	-0.9999	-0.9999	0.0000
2023-07-10T14:35:31	1	0	6	6	0	1.0475	1.0473	-0.0002	0.9438	0.9435	0.0003
2023-07-10T14:39:59	1	0	10	10	0	0.9606	0.9608	0.0002	0.9935	0.9952	-0.0017
2023-07-10T14:42:24	1	0	1	1	0	0.9977	0.9981	0.0004	-0.9891	-0.9909	0.0018
2023-07-10T14:45:48	1	0	33	13	20	0.9433	0.9484	0.0051	0.9885	0.9887	-0.0002
2023-07-10T14:54:16	1	0	35	34	1	0.9401	0.9397	-0.0005	0.8885	0.8892	-0.0007
2023-07-10T15:08:02	1	0	4	4	0	1.0043	1.0044	0.0001	0.9442	0.9436	0.0006
2023-07-10T15:10:01	1	0	6	6	0	0.9655	0.9657	0.0002	0.996	0.996	0.0000
2023-07-10T15:11:17	1	0	799	799	0	0.9383	0.9384	0.0001	0.9694	0.9695	-0.0001
2023-07-10T15:16:36	1	0	3	3	0	0.9331	0.9334	0.0003	0.9987	0.9987	0.0000
2023-07-10T15:33:58	1	0	5	5	0	1.0477	1.0467	-0.0010	-1	-1	0.0000
2023-07-10T15:39:19	1	0	40	40	0	0.9401	0.9401	0.0000	0.8853	0.8857	-0.0004
2023-07-10T15:42:52	1	0	1	1	0	1.0105	1.0096	-0.0009	0.9923	0.9922	0.0001
2023-07-10T15:47:16	1	0	60	60	0	0.9482	0.9482	0.0000	0.984	0.9838	0.0002
2023-07-10T15:49:13	1	0	50	48	2	0.9382	0.9383	0.0001	0.9999	0.9999	0.0000

2023-07-10T15:50:42	1	0	1	1	0	0.9429	0.9432	0.0003	0.9958	0.9958	0.0000
2023-07-10T16:16:40	1	0	22	20	2	0.9428	0.9421	-0.0007	0.9971	0.9972	-0.0001
2023-07-10T16:20:19	1	0	1	1	0	0.9415	0.9427	0.0012	-0.97	-0.9688	-0.0012
2023-07-10T16:25:06	1	0	18	17	1	0.9429	0.9429	0.0000	0.994	0.9941	-0.0001
2023-07-10T16:31:41	1	0	54	54	0	0.9427	0.9429	0.0001	0.996	0.9961	-0.0001
2023-07-10T16:45:27	1	0	5	4	1	0.9667	0.9693	0.0026	0.9909	0.991	-0.0001
2023-07-10T17:00:28	1	0	1	1	0	0.9441	0.9446	0.0005	0.9913	0.9913	0.0000
2023-07-10T17:02:21	1	0	66	66	0	0.9448	0.9448	0.0000	0.9802	0.9803	-0.0001
2023-07-10T17:12:45	1	0	15	14	1	0.9430	0.9430	0.0001	0.9989	0.9989	0.0000
2023-07-10T17:53:13	1	0	26	25	1	0.9619	0.9626	0.0007	0.9713	0.9711	0.0002
2023-07-11T08:01:24	1	0	462	462	0	1.0814	1.0814	0.0000	0.9882	0.988	0.0002
2023-07-11T08:16:43	1	0	9	9	0	0.9968	0.9968	0.0000	0.9922	0.9924	-0.0002
2023-07-11T08:31:26	1	0	462	462	0	1.0824	1.0823	0.0000	0.9848	0.9847	0.0001
2023-07-11T08:46:27	1	0	461	461	0	1.0812	1.0811	-0.0001	0.9851	0.9851	0.0000
2023-07-11T09:01:28	1	0	461	461	0	1.0821	1.0821	0.0000	0.9823	0.9823	0.0000
2023-07-11T09:07:17	1	0	1	1	0	0.9443	0.9449	0.0006	0.9994	0.9994	0.0000
2023-07-11T09:16:29	1	0	461	461	0	1.0808	1.0808	0.0000	0.9798	0.9798	0.0000
2023-07-11T09:21:25	1	0	2	2	0	1.0312	1.0310	-0.0002	-0.9996	-0.9996	0.0000
2023-07-11T09:24:56	1	0	3	3	0	0.9531	0.9533	0.0001	0.9868	0.9869	-0.0001
2023-07-11T09:27:27	1	0	125	124	1	1.0554	1.0553	0.0000	-0.9974	-0.9975	0.0001
2023-07-11T09:28:06	1	0	5	5	0	1.0301	1.0300	-0.0001	0.9965	0.9965	0.0000
2023-07-11T09:28:53	1	0	2	2	0	1.0190	1.0188	-0.0003	-0.9389	-0.938	-0.0009
2023-07-11T09:33:19	1	0	2	2	0	1.0087	1.0080	-0.0007	0.9457	0.9457	0.0000
2023-07-11T09:35:13	1	0	18	17	1	1.0519	1.0523	0.0003	0.9697	0.9696	0.0001
2023-07-11T09:40:21	1	0	7	7	0	0.9503	0.9506	0.0003	0.918	0.9182	-0.0002
2023-07-11T09:45:28	1	0	2	2	0	0.8922	0.8923	0.0001	0.98	0.98	0.0000
2023-07-11T09:51:28	1	0	10	9	1	0.9451	0.9438	-0.0013	0.9989	0.999	-0.0001
2023-07-11T09:52:39	1	0	1	1	0	0.9439	0.9443	0.0004	-0.9999	-0.9999	0.0000
2023-07-11T09:53:09	1	0	31	24	7	0.9396	0.9403	0.0007	0.9994	0.9995	-0.0001
2023-07-11T09:54:42	1	0	6	6	0	0.9666	0.9670	0.0004	0.9918	0.9918	0.0000
2023-07-11T09:55:56	1	0	421	419	2	0.9670	0.9670	0.0000	0.9689	0.969	-0.0001
2023-07-11T10:00:02	1	0	56	55	1	1.0545	1.0543	-0.0002	0.9995	0.9995	0.0000
2023-07-11T10:03:21	1	0	1	1	0	0.9497	0.9501	0.0004	0.9478	0.9479	-0.0001
2023-07-11T10:04:46	1	0	9	9	0	1.0479	1.0468	-0.0010	0.9873	0.9903	-0.0030
2023-07-11T10:09:43	1	0	1	1	0	1.0601	1.0598	-0.0003	0.9908	0.9908	0.0000
2023-07-11T10:12:06	1	0	2	2	0	0.9935	0.9938	0.0003	-0.9902	-0.99	-0.0002
2023-07-11T10:15:03	1	0	29	28	1	1.0508	1.0507	-0.0001	0.9992	0.9992	0.0000
2023-07-11T10:15:34	1	0	1	1	0	1.0199	1.0194	-0.0005	-0.9918	-0.9924	0.0006
2023-07-11T10:16:52	1	0	86	86	0	0.9394	0.9397	0.0003	0.9788	0.9788	0.0000
2023-07-11T10:19:55	1	0	2	0	2	1.0455	null	null	-0.8194	-0.8196	0.0002
2023-07-11T10:20:16	1	0	1	1	0	0.9442	0.9445	0.0003	0.9956	0.9956	0.0000
2023-07-11T10:20:32	1	0	1	1	0	1.0399	1.0395	-0.0004	-0.9997	-1	0.0003
2023-07-11T10:24:09	1	0	7	7	0	1.0285	1.0284	-0.0001	0.9655	0.9654	0.0001
2023-07-11T10:24:44	1	0	12	11	1	0.9647	0.9649	0.0001	0.9882	0.9894	-0.0012
2023-07-11T10:25:58	1	0	554	554	0	0.9584	0.9584	0.0000	0.9699	0.9699	0.0000
2023-07-11T10:29:36	1	0	1	1	0	0.9133	0.9137	0.0004	0.9843	0.9845	-0.0002
2023-07-11T10:30:35	1	0	1	1	0	1.0199	1.0196	-0.0003	-0.9906	-0.9909	0.0003
2023-07-11T10:36:34	1	0	3	3	0	1.0158	1.0157	-0.0001	-1	-1	0.0000
2023-07-11T10:37:33	1	0	1	1	0	1.0564	1.0561	-0.0003	0.9946	0.9945	0.0001
2023-07-11T10:45:23	1	0	1	0	1	1.0361	null	null	0.995	0.995	0.0000
2023-07-11T10:45:30	1	0	1	1	0	1.0140	1.0134	-0.0006	0.9886	0.9885	0.0001
2023-07-11T10:48:52	1	0	1	0	1	1.0321	null	null	0.9967	0.9967	0.0000
2023-07-11T10:50:18	1	0	12	11	1	1.0522	1.0519	-0.0003	0.9605	0.9605	0.0000
2023-07-11T10:50:18	1	0	1	1	0	0.9431	0.9435	0.0004	0.9941	0.9942	-0.0001
2023-07-11T10:51:35	1	0	3	3	0	1.0159	1.0159	-0.0001	-1	-1	0.0000
2023-07-11T10:53:13	1	0	83	81	2	0.9274	0.9280	0.0006	0.9973	0.9974	-0.0001
2023-07-11T10:59:26	1	0	1	1	0	0.9258	0.9261	0.0003	0.9815	0.9801	0.0014
2023-07-11T11:08:07	1	0	12	12	0	1.0359	1.0357	-0.0002	-0.9938	-0.9936	-0.0002
2023-07-11T11:08:14	1	0	93	92	1	0.9186	0.9190	0.0004	0.9942	0.9943	-0.0001
2023-07-11T11:09:48	1	0	27	25	2	0.9760	0.9762	0.0002	0.9916	0.9903	0.0013
2023-07-11T11:10:25	1	0	3	3	0	0.9565	0.9567	0.0001	0.9989	0.9989	0.0000
2023-07-11T11:14:39	1	0	2	2	0	0.9285	0.9291	0.0006	0.9842	0.9844	-0.0002
2023-07-11T11:15:59	1	0	1	1	0	0.9410	0.9421	0.0011	-0.999	-0.9989	-0.0001
2023-07-11T11:16:56	1	0	91	91	0	0.9343	0.9342	0.0000	0.9822	0.9819	0.0003
2023-07-11T11:18:26	1	0	4	4	0	1.0188	1.0186	-0.0002	0.9775	0.9774	0.0001
2023-07-11T11:18:55	2	0	15	13	2	0.9567	0.9594	0.0027	-0.9971	-0.997	-0.0001
2023-07-11T11:20:38	1	0	1	0	1	1.0049	null	null	0.9877	0.9877	0.0000
2023-07-11T11:21:22	1	0	5	5	0	0.9894	0.9893	-0.0001	-0.9999	-0.9999	0.0000
2023-07-11T11:22:26	1	0	2	2	0	1.0133	1.0137	0.0004	0.9981	0.9982	-0.0001
2023-07-11T11:27:57	1	0	17	17	0	0.9728	0.9727	0.0000	0.9653	0.9652	0.0001
2023-07-11T11:31:00	1	0	1	1	0	0.9427	0.9430	0.0003	-0.9992	-0.9991	-0.0001
2023-07-11T11:33:56	1	0	2	2	0	1.0378	1.0378	0.0000	-0.9984	-0.9984	0.0000
2023-07-11T11:39:37	1	0	2	2	0	0.9924	0.9931	0.0007	0.9421	0.9415	0.0006
2023-07-11T11:47:18	1	0	1	1	0	1.0571	1.0559	-0.0012	0.9793	0.9849	-0.0056
2023-07-11T11:48:38	1	0	3	3	0	1.0249	1.0242	-0.0007	0.9998	0.9998	0.0000
2023-07-11T11:53:51	1	0	57	57	0	0.9408	0.9410	0.0001	0.8919	0.8923	-0.0004
2023-07-11T11:54:38	1	0	4	4	0	0.9801	0.9802	0.0001	0.9402	0.9394	0.0008
2023-07-11T12:43:51	1	0	63	62	1	1.0515	1.0514	-0.0001	0.9996	0.9996	0.0000
2023-07-11T12:48:21	1	0	73	73	0	0.9434	0.9435	0.0002	0.9601	0.9607	-0.0006
2023-07-11T12:54:17	1	0	1	1	0	0.9867	0.9872	0.0005	0.9308	0.9311	-0.0003
2023-07-11T12:55:22	1	0	11	11	0	1.0509	1.0508	-0.0001	0.9994	0.9994	0.0000
2023-07-11T13:00:08	1	0	17	16	1	0.9440	0.9430	-0.0010	0.9955	0.9955	0.0000
2023-07-11T13:27:47	1	0	54	51	3	0.9423	0.9426	0.0002	-0.9994	-0.9994	0.0000
2023-07-11T13:33:35	1	0	8	8	0	0.9343	0.9344	0.0001	0.9638	0.964	-0.0002
2023-07-11T13:55:56	1	0	162	162	0	0.9140	0.9141	0.0000	0.9864	0.9864	0.0000

2023-07-11T14:00:30	1	0	2	1	1	0.9445	0.9445	0.0000	0.9974	0.9974	0.0000
2023-07-11T14:03:37	1	0	8	8	0	0.9438	0.9438	0.0000	0.9812	0.9813	-0.0001
2023-07-11T14:04:06	1	0	51	47	4	0.9379	0.9382	0.0003	1	1	0.0000
2023-07-11T14:10:37	1	0	79	78	1	0.9388	0.9388	0.0000	0.9983	0.9983	0.0000
2023-07-11T14:15:37	1	0	2	2	0	1.0381	1.0379	-0.0002	0.998	0.998	0.0000
2023-07-11T14:19:07	1	0	82	80	2	0.9339	0.9344	0.0004	0.9998	0.9998	0.0000
2023-07-11T14:20:32	2	0	8	7	1	1.0432	1.0431	-0.0002	0.9952	0.9949	0.0003
2023-07-11T14:30:20	1	0	37	36	1	1.0516	1.0516	0.0000	1	1	0.0000
2023-07-11T14:34:08	1	0	74	73	1	0.9329	0.9331	0.0002	0.9998	0.9998	0.0000
2023-07-11T14:35:33	1	0	8	7	1	1.0449	1.0451	0.0002	0.9955	0.9954	0.0001
2023-07-11T14:42:24	1	0	2	2	0	0.9648	0.9651	0.0003	-0.994	-0.994	0.0000
2023-07-11T14:45:15	2	0	12	11	1	0.9408	0.9412	0.0004	0.9975	0.9976	-0.0001
2023-07-11T14:48:04	1	0	2	2	0	0.9411	0.9413	0.0002	0.9189	0.919	-0.0001
2023-07-11T14:48:52	1	0	3	3	0	1.0466	1.0460	-0.0005	-0.9997	-0.9997	0.0000
2023-07-11T14:49:10	1	0	2	2	0	1.0277	1.0274	-0.0004	0.9934	0.9934	0.0000
2023-07-11T14:54:03	1	0	55	53	2	0.9408	0.9404	-0.0004	0.8893	0.8906	-0.0013
2023-07-11T14:54:52	1	0	7	7	0	1.0041	1.0041	0.0000	0.9535	0.953	0.0005
2023-07-11T15:00:15	1	0	41	38	3	0.9421	0.9420	-0.0001	0.9715	0.9715	0.0000
2023-07-11T15:09:04	1	0	20	20	0	0.9437	0.9437	0.0000	0.8987	0.899	-0.0003
2023-07-11T15:10:45	1	0	1	1	0	0.9569	0.9574	0.0005	0.9874	0.9875	-0.0001
2023-07-11T15:15:35	1	0	2	2	0	0.9437	0.9440	0.0003	0.9988	0.9988	0.0000
2023-07-11T15:16:39	1	0	2	2	0	0.9421	0.9424	0.0003	0.9724	0.9724	0.0000
2023-07-11T15:18:13	1	0	1	1	0	0.9423	0.9428	0.0005	0.9461	0.9462	-0.0001
2023-07-11T15:24:05	1	0	54	54	0	0.9414	0.9415	0.0001	0.8886	0.8895	-0.0009
2023-07-11T15:30:52	1	0	113	113	0	0.9425	0.9426	0.0000	0.9894	0.9894	0.0000
2023-07-11T15:33:57	1	0	5	5	0	0.9585	0.9587	0.0002	0.9808	0.9808	0.0000
2023-07-11T15:39:06	1	0	44	44	0	0.9398	0.9398	0.0000	0.8899	0.8904	-0.0005
2023-07-11T15:46:18	1	0	3	3	0	1.0376	1.0373	-0.0003	0.9953	0.9954	-0.0001
2023-07-11T15:47:20	1	0	81	81	0	0.9296	0.9298	0.0002	0.989	0.989	0.0000
2023-07-11T16:17:38	1	0	1	1	0	0.9444	0.9448	0.0004	0.9832	0.9833	-0.0001
2023-07-11T16:18:58	1	0	1	1	0	0.9440	0.9443	0.0003	-0.9993	-0.9993	0.0000
2023-07-11T16:20:19	1	0	1	1	0	0.9428	0.9440	0.0012	-0.9615	-0.9604	-0.0011
2023-07-11T16:39:10	1	0	38	37	1	0.9402	0.9401	-0.0001	0.8891	0.8893	-0.0002
2023-07-11T16:39:59	1	0	38	35	3	0.9537	0.9539	0.0001	0.9694	0.969	0.0004
2023-07-11T16:40:59	1	0	2	2	0	0.9795	0.9797	0.0002	0.9815	0.9816	-0.0001
2023-07-11T16:46:02	1	0	114	83	31	0.9712	0.9763	0.0051	0.9561	0.9865	-0.0304
2023-07-11T17:16:00	1	0	120	118	2	0.9322	0.9322	0.0000	0.9873	0.9873	0.0000
2023-07-11T17:20:23	1	0	60	58	2	0.9377	0.9377	0.0000	-0.9728	-0.9725	-0.0003
2023-07-11T17:25:02	1	0	44	44	0	0.9424	0.9425	0.0001	0.9686	0.9684	0.0002
2023-07-12T08:16:27	1	0	458	458	0	1.0811	1.0811	0.0000	0.9822	0.9822	0.0000
2023-07-12T08:16:44	1	0	8	8	0	0.9878	0.9878	0.0000	0.9913	0.9915	-0.0002
2023-07-12T08:19:40	1	0	4	4	0	1.0227	1.0227	0.0000	0.9915	0.9916	-0.0001
2023-07-12T08:31:28	1	0	457	457	0	1.0799	1.0799	0.0000	0.9774	0.9773	0.0001
2023-07-12T08:52:04	1	0	1	0	1	1.0364	null	null	0.9999	1	-0.0001
2023-07-12T09:01:30	1	0	460	460	0	1.0792	1.0792	0.0000	0.9886	0.9886	0.0000
2023-07-12T09:07:05	1	0	1	0	1	1.0333	null	null	0.9996	0.9997	-0.0001
2023-07-12T09:16:31	1	0	461	461	0	1.0784	1.0784	0.0000	0.9894	0.9894	0.0000
2023-07-12T09:17:21	1	0	1	1	0	1.0269	1.0265	-0.0004	-0.9982	-0.9983	0.0001
2023-07-12T09:28:22	1	0	1	1	0	0.9427	0.9436	0.0009	0.9978	0.9979	-0.0001
2023-07-12T09:35:13	1	0	23	23	0	1.0413	1.0411	-0.0002	0.9999	0.9999	0.0000
2023-07-12T09:43:50	1	0	4	4	0	0.9807	0.9804	-0.0003	-1	-1	0.0000
2023-07-12T09:45:14	1	0	2	2	0	0.9550	0.9552	0.0002	0.9826	0.9826	0.0000
2023-07-12T09:45:29	1	0	1	1	0	0.8257	0.8260	0.0003	0.9901	0.9902	-0.0001
2023-07-12T09:50:05	1	0	3	3	0	0.9392	0.9397	0.0005	0.9822	0.9824	-0.0002
2023-07-12T09:50:14	1	0	21	21	0	1.0410	1.0408	-0.0002	0.9997	0.9993	0.0004
2023-07-12T09:53:11	2	0	100	99	1	0.9140	0.9145	0.0005	0.9942	0.9943	-0.0001
2023-07-12T09:55:40	1	0	39	38	1	0.9428	0.9431	0.0004	0.9913	0.9914	-0.0001
2023-07-12T10:00:34	1	0	2	2	0	0.9786	0.9784	-0.0002	-0.999	-0.9992	0.0002
2023-07-12T10:01:54	1	0	62	59	3	0.9455	0.9457	0.0003	0.9783	0.9783	0.0000
2023-07-12T10:03:51	1	0	82	79	3	0.9334	0.9341	0.0006	-0.9999	-0.9999	0.0000
2023-07-12T10:06:29	1	0	2	2	0	1.0288	1.0286	-0.0003	-1	-1	0.0000
2023-07-12T10:07:42	1	0	1	1	0	0.9422	0.9426	0.0004	0.9996	0.9996	0.0000
2023-07-12T10:08:12	1	0	103	102	1	0.9107	0.9110	0.0003	0.9951	0.9952	-0.0001
2023-07-12T10:09:40	1	0	3	3	0	0.9475	0.9482	0.0006	0.9972	0.9972	0.0000
2023-07-12T10:09:46	1	0	2	2	0	1.0175	1.0174	-0.0002	-0.9999	-0.9999	0.0000
2023-07-12T10:10:03	1	0	1	1	0	0.9434	0.9441	0.0007	0.9839	0.9841	-0.0002
2023-07-12T10:10:06	1	0	16	16	0	1.0376	1.0374	-0.0002	-0.9918	-0.9916	-0.0002
2023-07-12T10:10:58	1	0	351	345	6	0.9688	0.9688	0.0001	0.9783	0.9784	-0.0001
2023-07-12T10:13:25	1	0	3	3	0	0.9824	0.9828	0.0004	0.9948	0.9948	0.0000
2023-07-12T10:13:52	1	0	4	4	0	1.0114	1.0112	-0.0001	-0.9998	-0.9998	0.0000
2023-07-12T10:15:23	1	0	2	2	0	1.0380	1.0378	-0.0003	0.9992	0.9991	0.0001
2023-07-12T10:16:54	1	0	82	82	0	0.9425	0.9425	0.0000	0.9808	0.9807	0.0001
2023-07-12T10:20:07	1	0	2	2	0	0.9302	0.9304	0.0001	0.9826	0.9828	-0.0002
2023-07-12T10:20:16	1	0	5	5	0	0.9622	0.9625	0.0003	0.9992	0.9992	0.0000
2023-07-12T10:20:33	1	0	2	2	0	1.0308	1.0307	-0.0002	-0.9995	-0.999	-0.0005
2023-07-12T10:21:33	1	0	10	9	1	0.9446	0.9434	-0.0012	0.9997	0.9997	0.0000
2023-07-12T10:22:38	1	0	3	3	0	1.0069	1.0074	0.0005	0.978	0.9773	0.0007
2023-07-12T10:23:46	1	0	42	39	3	0.9421	0.9421	0.0000	0.8982	0.8988	-0.0006
2023-07-12T10:25:59	1	0	490	489	1	0.9621	0.9621	0.0001	0.9762	0.9762	0.0000
2023-07-12T10:26:30	1	0	13	13	0	0.9297	0.9298	0.0001	0.968	0.9674	0.0006
2023-07-12T10:28:37	1	0	14	10	4	0.9541	0.9583	0.0042	-0.9967	-0.9967	0.0000
2023-07-12T10:30:57	1	0	1	1	0	0.9354	0.9360	0.0006	1	1	0.0000
2023-07-12T10:35:17	1	0	8	8	0	0.9936	0.9938	0.0002	0.9986	0.998	0.0006
2023-07-12T10:37:35	1	0	1	1	0	1.0564	1.0561	-0.0003	0.9915	0.9914	0.0001
2023-07-12T10:41:30	1	0	7	7	0	1.0297	1.0296	-0.0001	0.9696	0.9695	0.0001

2023-07-12T10:45:25	1	0	1	1	0	1.0337	1.0334	-0.0003	0.9987	0.9987	0.0000
2023-07-12T10:45:32	1	0	2	2	0	0.9889	0.9886	-0.0003	0.9879	0.9878	0.0001
2023-07-12T10:47:22	1	0	1	0	1	1.0550	null	null	0.9793	0.9793	0.0000
2023-07-12T10:47:46	1	0	2	2	0	0.9407	0.9410	0.0002	0.9197	0.9199	-0.0002
2023-07-12T10:48:54	1	0	6	6	0	0.9617	0.9622	0.0005	-0.9986	-0.9986	0.0000
2023-07-12T10:50:17	1	0	10	10	0	1.0016	1.0015	-0.0001	0.9136	0.9135	0.0001
2023-07-12T10:53:48	1	0	35	33	2	0.9413	0.9403	-0.0010	0.8936	0.8941	-0.0005
2023-07-12T10:54:13	1	0	1	1	0	0.9884	0.9888	0.0004	0.9411	0.9416	-0.0005
2023-07-12T10:54:43	1	0	14	12	2	0.9745	0.9746	0.0002	0.995	0.995	0.0000
2023-07-12T10:59:30	1	0	1	1	0	0.9414	0.9418	0.0004	0.9924	0.9925	-0.0001
2023-07-12T11:00:59	1	0	1	1	0	0.9247	0.9250	0.0003	0.9997	0.9997	0.0000
2023-07-12T11:05:05	1	0	23	22	1	1.0396	1.0397	0.0001	0.9965	0.9964	0.0001
2023-07-12T11:05:18	1	0	44	42	2	1.0574	1.0571	-0.0003	0.9917	0.9887	0.0030
2023-07-12T11:06:23	1	0	5	5	0	0.9903	0.9904	0.0000	-1	-1	0.0000
2023-07-12T11:08:49	1	0	26	26	0	0.9408	0.9409	0.0001	0.8961	0.8965	-0.0004
2023-07-12T11:09:44	1	0	9	8	1	0.9796	0.9800	0.0004	0.9928	0.9929	-0.0001
2023-07-12T11:10:26	1	0	2	2	0	0.9653	0.9655	0.0002	-1	-1	0.0000
2023-07-12T11:13:41	1	0	80	80	0	0.9276	0.9279	0.0002	0.9763	0.9765	-0.0002
2023-07-12T11:15:27	1	0	1	1	0	1.0371	1.0365	-0.0006	0.9993	0.9993	0.0000
2023-07-12T11:18:27	1	0	6	6	0	0.9400	0.9410	0.0010	0.9255	0.9251	0.0004
2023-07-12T11:20:19	1	0	59	53	6	1.0598	1.0595	-0.0002	0.991	0.9906	0.0004
2023-07-12T11:21:24	1	0	6	6	0	0.9879	0.9878	-0.0001	0.9998	0.9998	0.0000
2023-07-12T11:22:35	1	0	1	1	0	1.0384	1.0378	-0.0006	-0.9964	-0.9966	0.0002
2023-07-12T11:24:45	1	0	13	13	0	0.9759	0.9764	0.0005	0.9935	0.9926	0.0009
2023-07-12T11:26:34	1	0	4	4	0	0.9401	0.9402	0.0001	0.9819	0.982	-0.0001
2023-07-12T11:34:00	1	0	2	2	0	1.0263	1.0258	-0.0005	0.9943	0.9943	0.0000
2023-07-12T11:35:20	1	0	53	51	2	1.0587	1.0584	-0.0003	0.9902	0.99	0.0002
2023-07-12T11:38:20	1	0	104	104	0	0.9059	0.9062	0.0003	0.992	0.992	0.0000
2023-07-12T11:45:08	1	0	21	19	2	1.0500	1.0499	-0.0001	0.9999	0.9999	0.0000
2023-07-12T11:48:17	1	0	4	4	0	0.9500	0.9503	0.0003	0.9538	0.9545	-0.0007
2023-07-12T12:15:10	1	0	48	47	1	1.0549	1.0548	0.0000	-1	-1	0.0000
2023-07-12T12:34:03	1	0	52	50	2	0.9374	0.9376	0.0001	1	1	0.0000
2023-07-12T12:48:41	1	0	27	27	0	1.0366	1.0362	-0.0004	-0.9969	-0.9969	0.0000
2023-07-12T13:00:41	1	0	89	86	3	0.9440	0.9442	0.0002	0.9886	0.9886	0.0000
2023-07-12T13:16:23	1	0	79	79	0	0.9415	0.9415	0.0000	0.9966	0.9965	0.0001
2023-07-12T13:31:24	1	0	114	103	11	0.9404	0.9407	0.0003	0.9966	0.9966	0.0000
2023-07-12T13:34:07	1	0	138	134	4	0.9221	0.9223	0.0001	-1	-1	0.0000
2023-07-12T13:39:22	1	0	254	254	0	1.0679	1.0678	-0.0001	0.99	0.99	0.0000
2023-07-12T13:39:56	1	0	214	212	2	0.9374	0.9375	0.0001	0.9866	0.9782	0.0084
2023-07-12T13:46:25	1	0	139	129	10	0.9395	0.9397	0.0002	0.9966	0.9966	0.0000
2023-07-12T13:49:08	1	0	159	158	1	0.9217	0.9217	0.0001	1	1	0.0000
2023-07-12T13:50:53	1	0	3	3	0	0.9734	0.9739	0.0005	0.9728	0.9732	-0.0004
2023-07-12T13:54:57	1	0	45	46	-1	0.9688	0.9688	0.0001	0.9931	0.9921	0.0010
2023-07-12T13:55:37	1	0	1	1	0	0.9586	0.9589	0.0003	0.9846	0.9846	0.0000
2023-07-12T14:05:11	2	0	1	1	0	0.9420	0.9435	0.0015	-0.9574	-0.9559	-0.0015
2023-07-12T14:06:57	1	0	2	1	1	0.9436	0.9440	0.0004	-0.9947	-0.9943	-0.0004
2023-07-12T14:09:53	1	0	44	35	9	0.9399	0.9408	0.0008	0.9988	0.9989	-0.0001
2023-07-12T14:10:48	1	0	2	2	0	0.9926	0.9924	-0.0002	-0.983	-0.9832	0.0002
2023-07-12T14:12:21	1	0	2	2	0	0.9607	0.9618	0.0011	-1	-1	0.0000
2023-07-12T14:15:18	1	0	30	30	0	1.0503	1.0509	0.0006	-0.9995	-0.9995	0.0000
2023-07-12T14:16:14	1	0	3	3	0	1.0388	1.0386	-0.0002	0.9941	0.9942	-0.0001
2023-07-12T14:24:54	1	0	47	41	6	0.9396	0.9402	0.0007	0.9994	0.9995	-0.0001
2023-07-12T14:26:15	1	0	2105	2107	-2	0.9169	0.9170	0.0001	0.9681	0.968	0.0001
2023-07-12T14:27:22	1	0	2	2	0	0.9575	0.9578	0.0003	1	1	0.0000
2023-07-12T14:32:37	1	0	2	2	0	1.0012	1.0015	0.0003	0.983	0.9831	-0.0001
2023-07-12T14:35:13	1	0	6	3	3	0.9420	0.9428	0.0008	-0.9678	-0.9661	-0.0017
2023-07-12T14:39:03	1	0	89	85	4	0.9391	0.9385	-0.0006	0.8829	0.8842	-0.0013
2023-07-12T14:40:00	1	0	130	130	0	0.9419	0.9419	0.0000	0.9925	0.9925	0.0000
2023-07-12T14:40:54	1	0	1	0	1	0.9450	null	null	-0.9898	-0.9898	0.0000
2023-07-12T14:43:32	1	0	3	3	0	0.9517	0.9520	0.0003	0.9989	0.999	-0.0001
2023-07-12T14:45:41	1	0	2	2	0	1.0335	1.0332	-0.0002	0.9983	0.9983	0.0000
2023-07-12T14:45:48	1	0	11	11	0	0.9759	0.9758	-0.0001	0.9946	0.9946	0.0000
2023-07-12T14:45:49	1	0	45	42	3	0.9345	0.9346	0.0001	0.9837	0.984	-0.0003
2023-07-12T14:46:14	1	0	4	4	0	0.9947	0.9942	-0.0005	-0.9976	-0.9976	0.0000
2023-07-12T14:46:51	1	0	1	1	0	1.0270	1.0260	-0.0010	0.986	0.9851	0.0009
2023-07-12T14:47:58	1	0	2	1	1	0.9568	0.9703	0.0135	0.9987	0.9988	-0.0001
2023-07-12T14:54:04	1	0	45	43	2	0.9399	0.9398	-0.0001	0.9004	0.9012	-0.0008
2023-07-12T14:55:45	1	0	2	2	0	0.9400	0.9402	0.0002	0.9864	0.9864	0.0000
2023-07-12T14:58:56	1	0	58	58	0	0.9464	0.9467	0.0003	-0.996	-0.996	0.0000
2023-07-12T15:03:51	1	0	50	47	3	0.9501	0.9402	-0.0098	-0.9969	-0.997	0.0001
2023-07-12T15:04:14	1	0	1	1	0	1.0228	1.0224	-0.0004	0.9953	0.9953	0.0000
2023-07-12T15:05:15	1	0	1	1	0	0.9411	0.9430	0.0019	-0.9693	-0.968	-0.0013
2023-07-12T15:09:05	1	0	34	34	0	0.9398	0.9399	0.0001	0.9009	0.9014	-0.0005
2023-07-12T15:10:55	1	0	1	0	1	0.9447	null	null	-0.9896	-0.9895	-0.0001
2023-07-12T15:30:54	1	0	8	7	1	0.9652	0.9672	0.0020	0.9783	0.979	-0.0007
2023-07-12T15:35:17	1	0	3	2	1	1.0118	0.9950	-0.0168	-0.9664	-0.9665	0.0001
2023-07-12T15:41:37	1	0	9	10	-1	0.9492	0.9483	-0.0010	0.9916	0.9915	0.0001
2023-07-12T15:55:07	1	0	55	54	1	0.9493	0.9493	0.0000	0.9934	0.9935	-0.0001
2023-07-12T15:59:00	1	0	110	108	2	0.9433	0.9435	0.0002	-0.9947	-0.9947	0.0000
2023-07-12T16:05:44	1	0	11	10	1	1.0458	1.0475	0.0017	0.9999	0.9999	0.0000
2023-07-12T16:11:39	1	0	8	8	0	0.9515	0.9514	-0.0001	0.9946	0.9937	0.0009
2023-07-12T16:13:38	1	0	2	2	0	0.9657	0.9656	-0.0001	0.999	0.999	0.0000
2023-07-12T16:15:57	1	0	70	69	1	0.9297	0.9273	-0.0024	0.954	0.9122	0.0418
2023-07-12T16:17:33	1	0	15	14	1	0.9560	0.9569	0.0008	0.9601	0.96	0.0001
2023-07-12T16:32:34	1	0	11	11	0	0.9614	0.9614	0.0000	0.9609	0.9609	0.0000

2023-07-12T16:39:37	1	0	5	5	0	1.0147	1.0147	0.0000	0.9881	0.9881	0.0000
2023-07-12T17:46:26	1	0	119	119	0	0.9289	0.9289	0.0000	0.9999	0.9999	0.0000
2023-07-12T17:50:58	1	0	1	1	0	1.0238	1.0238	0.0000	0.9885	0.9885	0.0000
2023-07-12T18:11:47	1	0	12	12	0	0.9468	0.9469	0.0000	0.9927	0.9936	-0.0009
2023-07-13T07:52:21	1	0	34	33	1	0.9517	0.9519	0.0002	-0.9994	-0.9994	0.0000
2023-07-13T08:04:59	1	0	5	5	0	1.0444	1.0444	0.0000	-0.9999	-0.9999	0.0000
2023-07-13T08:16:40	1	0	74	74	0	0.9427	0.9427	0.0000	0.986	0.9863	-0.0003
2023-07-13T08:18:30	1	0	82	80	2	0.9436	0.9437	0.0001	0.9997	0.9997	0.0000
2023-07-13T08:35:03	1	0	461	461	0	1.0828	1.0827	-0.0001	0.9743	0.9742	0.0001
2023-07-13T08:43:16	1	0	3	3	0	1.0314	1.0311	-0.0003	-0.9901	-0.9891	-0.0010
2023-07-13T08:50:04	1	0	460	460	0	1.0824	1.0824	-0.0001	0.974	0.974	0.0000
2023-07-13T09:05:05	1	0	462	462	0	1.0822	1.0821	0.0000	0.9893	0.9893	0.0000
2023-07-13T09:09:35	1	0	14	13	1	0.9439	0.9446	0.0007	0.997	0.9962	0.0008
2023-07-13T09:20:06	1	0	461	461	0	1.0815	1.0814	-0.0001	0.9875	0.9875	0.0000
2023-07-13T09:24:36	1	0	41	41	0	0.9369	0.9371	0.0002	0.9938	0.9915	0.0023
2023-07-13T09:27:57	1	0	3	3	0	1.0202	1.0200	-0.0002	0.9944	0.9944	0.0000
2023-07-13T09:28:38	1	0	4	4	0	0.9806	0.9809	0.0003	-0.9996	-0.9995	-0.0001
2023-07-13T09:32:03	1	0	42	40	2	0.9381	0.9383	0.0002	0.9627	0.9628	-0.0001
2023-07-13T09:32:16	1	0	9	9	0	1.0413	1.0412	-0.0001	-0.9927	-0.9928	0.0001
2023-07-13T09:35:02	1	0	32	32	0	1.0545	1.0548	0.0003	0.9758	0.9757	0.0001
2023-07-13T09:36:18	1	0	19	19	0	0.9432	0.9435	0.0003	0.9983	0.9983	0.0000
2023-07-13T09:36:27	1	0	5	5	0	0.9593	0.9600	0.0006	-0.9982	-0.998	-0.0002
2023-07-13T09:39:49	1	0	1	1	0	0.9405	0.9408	0.0003	0.9948	0.9949	-0.0001
2023-07-13T09:40:22	1	0	4	4	0	1.0158	1.0158	-0.0001	0.9962	0.9943	0.0019
2023-07-13T09:40:29	1	0	2	2	0	1.0136	1.0134	-0.0002	0.9873	0.9874	-0.0001
2023-07-13T09:43:16	1	0	1	1	0	0.9432	0.9437	0.0005	0.9983	0.9984	-0.0001
2023-07-13T09:45:20	1	0	1	1	0	0.8231	0.8234	0.0003	0.9897	0.9897	0.0000
2023-07-13T09:49:37	1	0	4	4	0	1.0220	1.0217	-0.0003	0.9881	0.9883	-0.0002
2023-07-13T09:52:31	1	0	10	10	0	0.9543	0.9545	0.0002	0.9988	0.9988	0.0000
2023-07-13T09:55:48	1	0	1050	1050	0	0.9481	0.9483	0.0001	0.9777	0.9778	-0.0001
2023-07-13T10:03:24	1	0	62	61	1	0.9254	0.9258	0.0004	0.9999	0.9999	0.0000
2023-07-13T10:05:07	1	0	6	6	0	0.9391	0.9395	0.0004	0.9973	0.9965	0.0008
2023-07-13T10:08:03	1	0	61	60	1	0.9336	0.9343	0.0008	0.9981	0.9982	-0.0001
2023-07-13T10:09:37	1	0	5	5	0	1.0223	1.0223	0.0000	-0.9976	-0.9976	0.0000
2023-07-13T10:10:49	1	0	1021	1023	-2	0.9492	0.9491	0.0000	0.9757	0.9756	0.0001
2023-07-13T10:13:22	1	0	2	2	0	1.0288	1.0274	-0.0014	-0.9797	-0.9781	-0.0016
2023-07-13T10:20:18	1	0	86	86	0	0.9285	0.9287	0.0002	0.964	0.9642	-0.0002
2023-07-13T10:20:24	1	0	1	1	0	1.0288	1.0285	-0.0003	-1	-1	0.0000
2023-07-13T10:24:51	1	0	1	1	0	0.9438	0.9445	0.0007	0.9899	0.99	-0.0001
2023-07-13T10:25:50	1	0	757	757	0	0.9541	0.9541	0.0001	0.9856	0.9856	0.0000
2023-07-13T10:30:16	1	0	2	2	0	1.0369	1.0368	-0.0001	0.9995	0.9994	0.0001
2023-07-13T10:30:45	1	0	1	1	0	0.9317	0.9323	0.0006	-0.9995	-0.9995	0.0000
2023-07-13T10:31:55	1	0	86	86	0	0.9381	0.9381	0.0000	0.9852	0.9851	0.0001
2023-07-13T10:32:56	1	0	2	2	0	0.9797	0.9803	0.0005	0.9965	0.9965	0.0000
2023-07-13T10:34:06	1	0	1	1	0	0.9838	0.9842	0.0004	0.9697	0.9699	-0.0002
2023-07-13T10:35:09	1	0	2	2	0	0.9429	0.9433	0.0004	0.9992	0.9992	0.0000
2023-07-13T10:38:05	1	0	82	82	0	0.9264	0.9269	0.0005	0.9976	0.9977	-0.0001
2023-07-13T10:44:18	1	0	1	1	0	0.9423	0.9426	0.0003	0.9899	0.9911	-0.0012
2023-07-13T10:44:29	1	0	2	2	0	0.9433	0.9440	0.0007	0.992	0.992	0.0000
2023-07-13T10:45:17	1	0	2	2	0	1.0344	1.0342	-0.0002	0.9992	0.9992	0.0000
2023-07-13T10:45:45	1	0	1	1	0	0.9356	0.9359	0.0003	-0.9996	-0.9996	0.0000
2023-07-13T10:48:38	1	0	25	16	9	0.9473	0.9498	0.0025	-0.9997	-0.9997	0.0000
2023-07-13T10:49:31	1	0	7	5	2	1.0458	1.0457	-0.0001	0.9996	0.9996	0.0000
2023-07-13T10:50:07	1	0	39	39	0	1.0559	1.0558	0.0000	0.959	0.9588	0.0002
2023-07-13T10:50:33	1	0	2	2	0	1.0587	1.0582	-0.0005	0.9864	0.986	0.0004
2023-07-13T10:52:34	1	0	3	3	0	0.9895	0.9899	0.0005	0.9627	0.9621	0.0006
2023-07-13T10:53:06	1	0	63	63	0	0.9330	0.9331	0.0001	0.9959	0.995	0.0009
2023-07-13T11:03:40	1	0	36	30	6	0.9461	0.9470	0.0009	-0.9999	-0.9999	0.0000
2023-07-13T11:05:08	1	0	15	15	0	1.0502	1.0501	-0.0001	0.9564	0.9561	0.0003
2023-07-13T11:05:11	1	0	5	5	0	1.0467	1.0461	-0.0006	0.9984	0.9983	0.0001
2023-07-13T11:05:34	1	0	4	4	0	1.0021	1.0020	-0.0001	0.9799	0.9796	0.0003
2023-07-13T11:06:19	1	0	6	6	0	0.9893	0.9894	0.0001	0.9993	0.9992	0.0001
2023-07-13T11:07:35	1	0	2	2	0	0.9685	0.9688	0.0002	0.9601	0.9593	0.0008
2023-07-13T11:08:40	1	0	18	17	1	0.9486	0.9487	0.0002	0.8926	0.8919	0.0007
2023-07-13T11:09:46	1	0	13	13	0	0.9757	0.9757	0.0000	0.9964	0.9965	-0.0001
2023-07-13T11:10:30	1	0	1	0	1	0.9444	null	null	-0.9916	-0.9913	-0.0003
2023-07-13T11:12:15	1	0	1	1	0	0.9721	0.9731	0.0010	0.999	0.9991	-0.0001
2023-07-13T11:15:19	1	0	2	2	0	1.0377	1.0375	-0.0003	-1	-1	0.0000
2023-07-13T11:18:41	1	0	35	32	3	0.9426	0.9432	0.0007	-0.9982	-0.9981	-0.0001
2023-07-13T11:21:20	1	0	7	7	0	0.9812	0.9812	-0.0001	0.9998	0.9998	0.0000
2023-07-13T11:23:41	1	0	23	23	0	0.9421	0.9422	0.0001	0.907	0.907	0.0000
2023-07-13T11:24:47	1	0	17	17	0	0.9744	0.9743	-0.0001	0.9952	0.9952	0.0000
2023-07-13T11:25:31	1	0	1	1	0	0.9574	0.9577	0.0003	-0.9929	-0.9928	-0.0001
2023-07-13T11:32:42	1	0	1	1	0	0.9439	0.9443	0.0004	0.9332	0.9336	-0.0004
2023-07-13T11:33:42	1	0	40	39	1	0.9404	0.9408	0.0005	-0.9993	-0.9993	0.0000
2023-07-13T11:38:42	1	0	22	22	0	0.9401	0.9401	0.0001	0.9041	0.9047	-0.0006
2023-07-13T11:40:18	1	0	56	56	0	0.9337	0.9337	0.0000	-0.9999	-0.9999	0.0000
2023-07-13T11:48:43	1	0	57	56	1	0.9415	0.9416	0.0001	-0.9996	-0.9996	0.0000
2023-07-13T11:54:49	1	0	15	15	0	0.9752	0.9752	0.0000	0.9972	0.9977	-0.0005
2023-07-13T11:55:38	1	0	146	145	1	0.9209	0.9213	0.0003	0.9835	0.9835	0.0000
2023-07-13T12:06:28	1	0	5	5	0	1.0441	1.0439	-0.0002	-0.9921	-0.9921	0.0000
2023-07-13T12:09:50	1	0	72	72	0	0.9631	0.9630	-0.0001	0.9921	0.9921	0.0000
2023-07-13T12:31:14	1	0	12	12	0	0.9491	0.9491	0.0000	0.9963	0.9962	0.0001
2023-07-13T12:54:32	1	0	3	3	0	1.0369	1.0366	-0.0003	0.9956	0.9957	-0.0001
2023-07-13T13:15:07	1	0	43	42	1	1.0543	1.0543	0.0000	0.9983	0.9983	0.0000

2023-07-13T13:30:08	1	0	27	27	0	1.0381	1.0381	0.0001	0.9961	0.9961	0.0000
2023-07-13T13:30:37	1	0	3	3	0	1.0160	1.0148	-0.0012	0.9952	0.9809	0.0143
2023-07-13T13:31:18	1	0	68	62	6	0.9427	0.9428	0.0002	0.9939	0.9939	0.0000
2023-07-13T13:32:50	1	0	14	15	-1	0.9567	0.9560	-0.0007	-0.9983	-0.9983	0.0000
2023-07-13T13:39:19	1	0	1	1	0	0.9423	0.9430	0.0007	0.9781	0.9784	-0.0003
2023-07-13T13:45:37	1	0	112	112	0	0.9350	0.9350	0.0000	0.9924	0.9924	0.0000
2023-07-13T13:46:19	1	0	185	184	1	0.9350	0.9353	0.0003	0.9927	0.9927	0.0000
2023-07-13T13:47:20	1	0	36	36	0	0.9403	0.9405	0.0001	0.9794	0.9794	0.0000
2023-07-13T13:48:51	1	0	233	233	0	0.9012	0.9012	0.0000	0.9977	0.9977	0.0000
2023-07-13T14:00:39	1	0	5	5	0	1.0077	1.0072	-0.0005	0.9805	0.9799	0.0006
2023-07-13T14:01:35	1	0	1	1	0	1.0353	1.0347	-0.0006	-0.998	-0.9981	0.0001
2023-07-13T14:02:21	1	0	32	32	0	0.9460	0.9461	0.0000	0.9794	0.9794	0.0000
2023-07-13T14:02:52	1	0	24	22	2	0.9502	0.9510	0.0008	-0.9984	-0.9984	0.0000
2023-07-13T14:05:02	1	0	3	3	0	1.0520	1.0514	-0.0005	-0.9643	-0.9648	0.0005
2023-07-13T14:09:43	1	0	2	1	1	0.9580	0.9594	0.0014	0.9995	0.9996	-0.0001
2023-07-13T14:10:40	1	0	6	6	0	0.9543	0.9545	0.0001	0.9476	0.9434	0.0042
2023-07-13T14:13:16	1	0	112	108	4	0.9311	0.9313	0.0002	0.9969	0.9969	0.0000
2023-07-13T14:15:11	2	0	53	53	0	1.0542	1.0541	0.0000	0.9977	0.9976	0.0001
2023-07-13T14:20:27	1	0	6	6	0	1.0436	1.0433	-0.0003	0.9981	0.9981	0.0000
2023-07-13T14:22:37	1	0	3	3	0	1.0456	1.0449	-0.0006	-0.9898	-0.99	0.0002
2023-07-13T14:24:32	1	0	73	73	0	0.9571	0.9571	0.0000	0.9609	0.9607	0.0002
2023-07-13T14:24:44	1	0	2	1	1	0.9584	0.9599	0.0015	0.9997	0.9998	-0.0001
2023-07-13T14:30:12	1	0	109	108	1	1.0577	1.0576	-0.0001	0.998	0.9979	0.0001
2023-07-13T14:32:17	1	0	3	3	0	0.9963	0.9965	0.0001	0.9689	0.969	-0.0001
2023-07-13T14:37:38	1	0	5	5	0	1.0467	1.0464	-0.0003	-0.9918	-0.9918	0.0000
2023-07-13T14:40:00	1	0	166	164	2	0.9305	0.9305	0.0001	0.9916	0.9924	-0.0008
2023-07-13T14:40:59	1	0	20	19	1	0.9426	0.9426	0.0001	0.975	0.9751	-0.0001
2023-07-13T14:41:40	1	0	15	15	0	0.9399	0.9399	0.0000	0.9872	0.9872	0.0000
2023-07-13T14:43:18	1	0	13	12	1	0.9444	0.9444	0.0001	0.9994	0.9994	0.0000
2023-07-13T14:43:35	1	0	1	0	1	1.0374	null	null	0.9946	0.9944	0.0002
2023-07-13T14:45:33	1	0	1	1	0	1.0360	1.0355	-0.0005	0.9981	0.998	0.0001
2023-07-13T14:45:40	1	0	18	17	1	0.9410	0.9408	-0.0002	0.9901	0.9902	-0.0001
2023-07-13T14:45:42	1	0	195	193	2	0.9211	0.9238	0.0027	0.9884	0.9884	0.0000
2023-07-13T14:49:53	1	0	14	12	2	0.9405	0.9401	-0.0004	0.978	0.9781	-0.0001
2023-07-13T14:50:05	1	0	3	3	0	1.0522	1.0519	-0.0002	-0.9708	-0.9713	0.0005
2023-07-13T14:53:55	1	0	29	29	0	0.9419	0.9421	0.0001	0.8977	0.8985	-0.0008
2023-07-13T15:03:37	1	0	8	7	1	0.9938	1.0002	0.0064	0.9894	0.9893	0.0001
2023-07-13T15:03:44	1	0	6	6	0	0.9550	0.9547	-0.0003	-0.999	-0.999	0.0000
2023-07-13T15:08:56	1	0	33	33	0	0.9401	0.9402	0.0001	0.8991	0.8995	-0.0004
2023-07-13T15:11:16	1	0	17	16	1	1.0353	1.0410	0.0057	0.9958	0.9959	-0.0001
2023-07-13T15:16:03	1	0	10	10	0	0.9603	0.9601	-0.0002	-0.9992	-0.9992	0.0000
2023-07-13T15:18:38	1	0	10	10	0	0.9712	0.9714	0.0002	0.9875	0.9875	0.0000
2023-07-13T15:23:57	1	0	30	30	0	0.9409	0.9409	0.0000	0.8967	0.8969	-0.0002
2023-07-13T15:31:34	1	0	4	4	0	0.9359	0.9359	0.0001	0.9782	0.9781	0.0001
2023-07-13T15:33:39	1	0	11	11	0	0.9764	0.9767	0.0002	0.9897	0.9898	-0.0001
2023-07-13T15:35:08	1	0	4	4	0	1.0244	1.0249	0.0005	-0.9795	-0.9781	-0.0014
2023-07-13T15:40:34	1	0	157	156	1	0.9189	0.9189	0.0000	0.9954	0.9955	-0.0001
2023-07-13T15:42:38	1	0	3	3	0	0.9426	0.9428	0.0003	-1	-0.9999	-0.0001
2023-07-13T15:45:46	1	0	160	160	0	0.9156	0.9156	0.0000	0.9879	0.988	-0.0001
2023-07-13T15:50:09	1	0	4	4	0	1.0237	1.0241	0.0004	-0.9799	-0.9788	-0.0011
2023-07-13T16:01:56	1	0	1	0	1	1.0399	null	null	0.9989	0.9989	0.0000
2023-07-13T16:05:10	1	0	3	3	0	1.0133	1.0137	0.0004	-0.9803	-0.9796	-0.0007
2023-07-13T16:16:37	1	0	9	9	0	0.9378	0.9378	0.0001	0.9767	0.9766	0.0001
2023-07-13T16:18:51	1	0	3	3	0	0.9707	0.9705	-0.0002	-0.9988	-0.9988	0.0000
2023-07-13T16:24:52	1	0	15	14	1	0.9451	0.9454	0.0003	0.999	0.9991	-0.0001
2023-07-13T16:26:48	1	0	130	130	0	0.9168	0.9169	0.0001	0.9746	0.9748	-0.0002
2023-07-13T16:39:53	1	0	11	10	1	0.9460	0.9448	-0.0012	0.9992	0.9992	0.0000
2023-07-13T16:46:09	1	0	85	85	0	0.9328	0.9330	0.0002	-0.9999	-0.9999	0.0000
2023-07-13T16:47:21	1	0	301	301	0	0.9124	0.9124	0.0000	0.9765	0.9765	0.0000
2023-07-13T17:25:43	1	0	133	133	0	0.9368	0.9370	0.0001	0.9874	0.9874	0.0000
2023-07-13T17:27:26	1	0	26	25	1	0.9422	0.9422	0.0000	-0.9989	-0.9989	0.0000
2023-07-13T17:30:26	1	0	15	15	0	0.9360	0.9362	0.0001	0.9909	0.991	-0.0001
2023-07-13T17:33:22	1	0	4	4	0	1.0290	1.0290	0.0000	0.9739	0.9738	0.0001
2023-07-13T17:44:48	1	0	9	9	0	0.9330	0.9330	0.0000	0.9971	0.9971	0.0000
2023-07-14T07:52:26	1	0	80	80	0	0.9399	0.9399	0.0000	-1	-1	0.0000
2023-07-14T07:54:20	1	0	67	67	0	0.9407	0.9407	0.0001	-1	-1	0.0000
2023-07-14T07:54:43	1	0	40	40	0	0.9347	0.9348	0.0001	0.9897	0.9897	0.0000
2023-07-14T08:13:19	1	0	3	3	0	1.0267	1.0266	-0.0002	-0.9773	-0.9771	-0.0002
2023-07-14T08:14:08	1	0	2	2	0	0.9221	0.9221	0.0000	0.9969	0.9969	0.0000
2023-07-14T08:16:22	1	0	460	460	0	1.0740	1.0739	0.0000	0.979	0.9789	0.0001
2023-07-14T08:28:20	1	0	3	3	0	1.0294	1.0292	-0.0002	-0.9796	-0.978	-0.0016
2023-07-14T08:31:23	1	0	459	459	0	1.0766	1.0765	0.0000	0.9774	0.9773	0.0001
2023-07-14T08:31:41	1	0	85	85	0	0.9435	0.9435	0.0000	0.9883	0.9886	-0.0003
2023-07-14T08:46:24	1	0	459	459	0	1.0754	1.0752	-0.0002	0.9764	0.9764	0.0000
2023-07-14T09:01:25	1	0	456	456	0	1.0761	1.0760	-0.0001	0.9756	0.9755	0.0001
2023-07-14T09:05:04	1	0	77	76	1	1.0606	1.0606	0.0000	0.9688	0.9701	-0.0013
2023-07-14T09:07:33	1	0	3	3	0	1.0233	1.0233	0.0000	0.942	0.9426	-0.0006
2023-07-14T09:16:26	1	0	461	461	0	1.0778	1.0778	0.0000	0.9756	0.9756	0.0000
2023-07-14T09:18:41	1	0	71	70	1	0.9376	0.9378	0.0002	-0.9993	-0.9993	0.0000
2023-07-14T09:24:26	1	0	13	13	0	0.9454	0.9455	0.0001	-0.9998	-0.9998	0.0000
2023-07-14T09:28:44	1	0	2	2	0	1.0189	1.0187	-0.0002	-0.961	-0.9604	-0.0006
2023-07-14T09:31:32	1	0	3	3	0	1.0374	1.0373	-0.0002	-0.9996	-0.9996	0.0000
2023-07-14T09:36:23	1	0	16	16	0	0.9451	0.9454	0.0003	0.9998	0.9998	0.0000
2023-07-14T09:36:32	1	0	1	0	1	0.9442	null	null	-0.9992	-0.9991	-0.0001
2023-07-14T09:43:21	1	0	13	11	2	0.9413	0.9412	-0.0002	0.9996	0.9996	0.0000

2023-07-14T09:45:25	1	0	1	1	0	0.7971	0.7975	0.0004	0.9919	0.992	-0.0001
2023-07-14T09:47:37	1	0	73	72	1	0.9995	0.9994	-0.0001	0.9539	0.9539	0.0000
2023-07-14T09:48:36	1	0	1	1	0	0.9420	0.9423	0.0003	-0.9966	-0.9965	-0.0001
2023-07-14T09:54:27	1	0	14	13	1	0.9451	0.9456	0.0005	0.9945	0.9936	0.0009
2023-07-14T09:55:36	1	0	52	49	3	0.9382	0.9386	0.0004	0.9868	0.9869	-0.0001
2023-07-14T10:00:26	1	0	1	1	0	0.7941	0.7941	0.0000	0.9906	0.9906	0.0000
2023-07-14T10:02:38	1	0	120	119	1	0.9764	0.9749	-0.0016	0.9524	0.9524	0.0000
2023-07-14T10:04:48	1	0	4	4	0	1.0218	1.0215	-0.0003	0.9893	0.9892	0.0001
2023-07-14T10:05:08	1	0	73	61	12	1.0579	1.0574	-0.0005	0.9609	0.9607	0.0002
2023-07-14T10:08:09	1	0	1	1	0	0.9440	0.9447	0.0007	-1	-1	0.0000
2023-07-14T10:09:28	1	0	33	31	2	0.9562	0.9566	0.0004	0.9952	0.9953	-0.0001
2023-07-14T10:09:40	1	0	5	5	0	0.9824	0.9824	-0.0001	-0.9999	-0.9999	0.0000
2023-07-14T10:10:18	1	0	50	50	0	0.9371	0.9371	0.0000	0.9999	0.9999	0.0000
2023-07-14T10:15:50	1	0	3	3	0	1.0354	1.0352	-0.0002	0.9991	0.9992	-0.0001
2023-07-14T10:16:27	1	0	10	10	0	1.0258	1.0257	-0.0001	0.9621	0.962	0.0001
2023-07-14T10:17:20	1	0	16	16	0	1.0564	1.0562	-0.0001	-0.996	-0.9962	0.0002
2023-07-14T10:18:45	1	0	1	1	0	1.0260	1.0255	-0.0005	0.9944	0.9943	0.0001
2023-07-14T10:25:55	1	0	773	773	0	0.9424	0.9425	0.0002	0.9886	0.9886	0.0000
2023-07-14T10:26:32	1	0	13	13	0	0.9417	0.9418	0.0001	0.983	0.9825	0.0005
2023-07-14T10:28:51	1	0	1	1	0	1.0306	1.0302	-0.0004	1	1	0.0000
2023-07-14T10:30:22	1	0	2	2	0	1.0332	1.0331	-0.0002	0.9985	0.9984	0.0001
2023-07-14T10:30:49	1	0	1	1	0	0.9313	0.9319	0.0006	-0.9998	-0.9998	0.0000
2023-07-14T10:31:07	1	0	17	15	2	0.9425	0.9418	-0.0007	0.9979	0.9979	0.0000
2023-07-14T10:31:58	1	0	2	2	0	0.9410	0.9414	0.0004	0.9991	0.9992	-0.0001
2023-07-14T10:34:08	1	0	2	2	0	0.9624	0.9627	0.0003	0.969	0.9691	-0.0001
2023-07-14T10:34:53	1	0	2	0	2	1.0452	null	null	-0.944	-0.9443	0.0003
2023-07-14T10:35:10	1	0	9	9	0	1.0528	1.0527	-0.0001	0.9573	0.9494	0.0079
2023-07-14T10:39:30	1	0	23	20	3	0.9544	0.9549	0.0005	0.995	0.9951	-0.0001
2023-07-14T10:43:25	1	0	2	2	0	1.0357	1.0355	-0.0001	0.9875	0.9874	0.0001
2023-07-14T10:44:21	1	0	1	0	1	0.9447	null	null	0.9922	0.9923	-0.0001
2023-07-14T10:45:01	1	0	10	10	0	1.0498	1.0494	-0.0005	0.9935	0.9934	0.0001
2023-07-14T10:45:23	1	0	2	2	0	1.0366	1.0364	-0.0001	0.9985	0.9985	0.0000
2023-07-14T10:45:50	1	0	1	1	0	0.9247	0.9250	0.0003	1	1	0.0000
2023-07-14T10:46:11	1	0	7	7	0	0.9391	0.9396	0.0006	0.9976	0.9976	0.0000
2023-07-14T10:46:59	1	0	1	0	1	0.9449	null	null	0.9994	0.9994	0.0000
2023-07-14T10:47:13	1	0	1	1	0	1.0563	1.0552	-0.0011	0.9908	0.9907	0.0001
2023-07-14T10:48:47	1	0	81	79	2	0.9340	0.9353	0.0014	0.9998	0.9998	0.0000
2023-07-14T10:49:54	1	0	1	0	1	1.0450	null	null	-0.9435	-0.9435	0.0000
2023-07-14T10:50:38	1	0	4	4	0	0.9878	0.9877	-0.0002	0.964	0.9634	0.0006
2023-07-14T10:53:12	1	0	35	29	6	0.9397	0.9402	0.0006	0.9981	0.9981	0.0000
2023-07-14T10:54:31	1	0	52	51	1	0.9503	0.9526	0.0023	0.9964	0.9964	0.0000
2023-07-14T10:54:43	1	0	6	6	0	1.0188	1.0188	-0.0001	-0.9981	-0.9981	0.0000
2023-07-14T10:55:57	1	0	844	841	3	0.9426	0.9428	0.0002	0.9878	0.9878	0.0000
2023-07-14T11:01:11	1	0	85	85	0	0.9420	0.9421	0.0000	0.9959	0.9959	0.0000
2023-07-14T11:02:14	1	0	2	2	0	1.0001	1.0004	0.0003	0.9908	0.9909	-0.0001
2023-07-14T11:03:49	1	0	72	66	6	0.9403	0.9414	0.0011	1	1	0.0000
2023-07-14T11:05:39	1	0	5	5	0	0.9598	0.9598	-0.0001	0.9383	0.9378	0.0005
2023-07-14T11:06:18	1	0	5	5	0	0.9989	0.9987	-0.0002	1	1	0.0000
2023-07-14T11:07:37	1	0	6	6	0	1.0061	1.0064	0.0003	0.9635	0.9637	-0.0002
2023-07-14T11:09:06	1	0	1	1	0	0.9778	0.9782	0.0004	0.9254	0.9253	0.0001
2023-07-14T11:09:33	1	0	34	31	3	0.9477	0.9482	0.0005	-0.9963	-0.9963	0.0000
2023-07-14T11:11:35	1	0	52	52	0	0.9388	0.9388	0.0000	0.9803	0.9804	-0.0001
2023-07-14T11:15:03	1	0	7	7	0	1.0495	1.0494	-0.0002	0.9923	0.9923	0.0000
2023-07-14T11:15:25	1	0	2	2	0	1.0350	1.0347	-0.0003	0.9981	0.998	0.0001
2023-07-14T11:15:30	1	0	183	181	2	0.9021	0.9029	0.0008	0.9864	0.9866	-0.0002
2023-07-14T11:18:11	1	0	74	74	0	0.9428	0.9430	0.0002	0.9423	0.9423	0.0000
2023-07-14T11:20:31	1	0	1	0	1	1.0036	null	null	0.9834	0.9836	-0.0002
2023-07-14T11:21:19	1	0	6	6	0	0.9910	0.9910	-0.0001	0.9993	0.9993	0.0000
2023-07-14T11:22:38	1	0	4	4	0	1.0085	1.0088	0.0003	0.9627	0.9628	-0.0001
2023-07-14T11:24:33	1	0	88	86	2	0.9456	0.9458	0.0002	0.9958	0.9958	0.0000
2023-07-14T11:25:31	1	0	1	1	0	1.0299	1.0290	-0.0009	-0.9724	-0.9729	0.0005
2023-07-14T11:25:59	1	0	1295	1298	-3	0.9250	0.9254	0.0004	0.9795	0.9795	0.0000
2023-07-14T11:30:04	1	0	11	11	0	1.0314	1.0316	0.0002	0.9928	0.9928	0.0000
2023-07-14T11:30:07	1	0	3	3	0	0.9819	0.9821	0.0002	0.9974	0.9974	0.0000
2023-07-14T11:30:34	1	0	1	1	0	0.9795	0.9814	0.0019	0.9901	0.9836	0.0065
2023-07-14T11:33:50	1	0	103	97	6	0.9277	0.9281	0.0005	-1	-1	0.0000
2023-07-14T11:38:15	1	0	53	52	1	0.9372	0.9375	0.0003	0.9981	0.9981	0.0000
2023-07-14T11:38:47	1	0	22	21	1	0.9430	0.9429	0.0000	0.9179	0.9185	-0.0006
2023-07-14T11:48:51	1	0	96	96	0	0.9296	0.9298	0.0001	-0.9999	-0.9999	0.0000
2023-07-14T12:50:43	1	0	4	4	0	0.9374	0.9378	0.0004	-0.999	-0.9989	-0.0001
2023-07-14T12:51:44	1	0	116	116	0	0.9320	0.9321	0.0001	-0.9999	-0.9999	0.0000
2023-07-14T13:03:59	1	0	8	6	2	0.9408	0.9417	0.0009	-0.9658	-0.9633	-0.0025
2023-07-14T13:13:42	1	0	192	188	4	0.9270	0.9271	0.0001	0.9764	0.9764	0.0000
2023-07-14T13:15:40	1	0	266	266	0	1.0678	1.0678	0.0000	0.9862	0.9862	0.0000
2023-07-14T13:19:42	1	0	2	2	0	0.9602	0.9604	0.0003	0.9811	0.9813	-0.0002
2023-07-14T13:24:37	1	0	2	2	0	0.9646	0.9646	0.0000	-0.9717	-0.9714	-0.0003
2023-07-14T13:27:57	1	0	24	20	4	0.9569	0.9589	0.0020	-0.9901	-0.9899	-0.0002
2023-07-14T13:29:09	1	0	1	1	0	1.0577	1.0576	-0.0001	0.9958	0.9958	0.0000
2023-07-14T13:30:41	1	0	263	263	0	1.0681	1.0679	-0.0002	0.9853	0.9852	0.0001
2023-07-14T13:32:37	1	0	6	6	0	0.9942	0.9939	-0.0003	-0.9994	-0.9994	0.0000
2023-07-14T17:09:22	1	0	122	122	0	0.8989	0.8990	0.0001	0.9898	0.9898	0.0000
2023-07-14T17:09:42	1	0	127	125	2	0.9348	0.9350	0.0002	0.9986	0.9984	0.0002
2023-07-14T17:09:43	1	0	177	177	0	0.9284	0.9285	0.0001	0.9921	0.9922	-0.0001
2023-07-14T17:10:34	1	0	172	172	0	0.9156	0.9158	0.0002	-0.9881	-0.9882	0.0001
2023-07-14T17:15:52	1	0	55	53	2	0.9506	0.9507	0.0001	-0.9741	-0.974	-0.0001

2023-07-14T17:16:12	1	0	124	124	0	0.8976	0.8977	0.0001	0.9899	0.9899	0.0000
2023-07-14T17:17:57	1	0	1	1	0	0.9449	0.9449	0.0000	0.9678	0.9677	0.0001
2023-07-14T17:21:15	1	0	144	143	1	0.9299	0.9309	0.0010	0.9863	0.985	0.0013
2023-07-14T17:25:59	1	0	42	39	3	1.0088	1.0272	0.0184	0.9924	0.9925	-0.0001
2023-07-14T17:27:33	1	0	238	238	0	1.0651	1.0650	-0.0001	0.9847	0.9846	0.0001
2023-07-14T17:27:51	1	0	85	85	0	0.9451	0.9451	0.0000	0.9831	0.9832	-0.0001
2023-07-14T17:29:20	1	0	258	259	-1	0.9199	0.9200	0.0001	0.9905	0.9906	-0.0001
2023-07-14T17:35:54	1	0	52	52	0	0.9314	0.9314	0.0001	0.9842	0.9842	0.0000
2023-07-14T17:39:22	1	0	39	39	0	0.9284	0.9286	0.0001	0.9978	0.9978	0.0000
2023-07-14T17:40:36	1	0	207	207	0	0.9185	0.9186	0.0001	0.9728	0.9728	0.0000
2023-07-14T17:42:34	1	0	245	245	0	1.0648	1.0647	0.0000	0.9847	0.9847	0.0000
2023-07-14T17:44:45	1	0	104	104	0	0.9437	0.9437	0.0000	0.9989	0.9989	0.0000
2023-07-14T17:47:59	1	0	1	1	0	0.9449	0.9449	0.0000	0.9679	0.9678	0.0001
2023-07-14T17:52:25	1	0	152	152	0	0.9148	0.9148	0.0001	0.9752	0.9748	0.0004
2023-07-14T17:57:35	1	0	238	238	0	1.0645	1.0645	0.0000	0.9839	0.9839	0.0000
2023-07-14T18:12:36	1	0	265	265	0	1.0669	1.0669	0.0000	0.9851	0.9851	0.0000
2023-07-14T18:23:06	1	0	12	11	1	0.9419	0.9417	-0.0002	-0.9983	-0.9983	0.0000
2023-07-15T08:04:49	1	0	90	90	0	1.0595	1.0595	0.0000	-0.9756	-0.9755	-0.0001
2023-07-15T08:16:19	1	0	460	460	0	1.0743	1.0743	0.0000	0.9855	0.9854	0.0001
2023-07-15T08:16:37	1	0	41	41	0	0.9461	0.9461	0.0000	0.996	0.996	0.0000
2023-07-15T08:19:50	1	0	58	58	0	1.0585	1.0585	0.0000	-0.9803	-0.9802	-0.0001
2023-07-15T08:31:20	1	0	454	454	0	1.0730	1.0730	0.0000	0.9845	0.9845	0.0000
2023-07-15T08:43:19	1	0	10	10	0	1.0345	1.0341	-0.0003	-0.9974	-0.9975	0.0001
2023-07-15T08:45:59	1	0	101	100	1	1.0081	1.0080	-0.0001	0.9999	0.9999	0.0000
2023-07-15T08:46:21	1	0	454	454	0	1.0729	1.0729	0.0000	0.9835	0.9835	0.0000
2023-07-15T09:01:22	1	0	457	457	0	1.0735	1.0735	0.0000	0.9843	0.9843	0.0000
2023-07-15T09:15:58	1	0	4	4	0	0.9353	0.9354	0.0001	0.9999	0.9999	0.0000
2023-07-15T09:16:23	1	0	456	456	0	1.0747	1.0747	0.0000	0.981	0.9809	0.0001
2023-07-15T09:20:00	1	0	16	16	0	1.0520	1.0519	-0.0001	0.9941	0.9941	0.0000
2023-07-15T09:24:24	1	0	113	111	2	0.9441	0.9444	0.0003	-0.9886	-0.9886	0.0000
2023-07-15T09:28:22	1	0	2	2	0	1.0280	1.0269	-0.0011	-0.9998	-0.9998	0.0000
2023-07-15T09:28:40	1	0	3	3	0	0.9733	0.9735	0.0003	-0.9518	-0.95	-0.0018
2023-07-15T09:44:27	1	0	2	2	0	0.9428	0.9433	0.0004	0.9891	0.9892	-0.0001
2023-07-15T09:44:56	1	0	13	13	0	1.0477	1.0473	-0.0004	0.9827	0.9825	0.0002
2023-07-15T09:48:25	1	0	38	34	4	0.9529	0.9469	-0.0060	-0.9999	-0.9999	0.0000
2023-07-15T09:52:22	1	0	13	12	1	0.9409	0.9411	0.0003	0.9995	0.9995	0.0000
2023-07-15T09:52:35	1	0	9	9	0	1.0321	1.0321	0.0000	-0.9961	-0.9957	-0.0004
2023-07-15T09:55:32	1	0	2	2	0	0.9395	0.9398	0.0003	0.9883	0.9884	-0.0001
2023-07-15T09:59:57	1	0	9	9	0	1.0464	1.0461	-0.0003	0.9803	0.9802	0.0001
2023-07-15T10:00:08	1	0	4	4	0	0.9736	0.9739	0.0003	-0.9999	-0.9999	0.0000
2023-07-15T10:03:25	1	0	58	55	3	0.9401	0.9402	0.0002	-0.9998	-0.9998	0.0000
2023-07-15T10:04:49	1	0	2	2	0	1.0425	1.0411	-0.0013	0.9926	0.9936	-0.0010
2023-07-15T10:05:12	1	0	3	3	0	0.9382	0.9385	0.0003	0.9999	0.9999	0.0000
2023-07-15T10:06:21	1	0	2	2	0	1.0329	1.0326	-0.0004	-0.9983	-0.9984	0.0001
2023-07-15T10:09:38	1	0	27	27	0	0.9632	0.9632	0.0000	-0.9945	-0.9946	0.0001
2023-07-15T10:10:14	1	0	4	4	0	0.9836	0.9838	0.0002	0.9993	0.9993	0.0000
2023-07-15T10:13:01	1	0	2	2	0	1.0150	1.0143	-0.0006	0.9876	0.9877	-0.0001
2023-07-15T10:15:15	1	0	3	3	0	1.0432	1.0431	-0.0001	-1	-1	0.0000
2023-07-15T10:15:50	1	0	2	2	0	1.0293	1.0291	-0.0002	0.9987	0.9988	-0.0001
2023-07-15T10:16:47	1	0	92	92	0	0.9309	0.9312	0.0003	0.994	0.994	0.0000
2023-07-15T10:20:04	1	0	8	8	0	1.0453	1.0452	-0.0001	0.988	0.9838	0.0042
2023-07-15T10:21:23	1	0	36	32	4	0.9422	0.9424	0.0002	1	1	0.0000
2023-07-15T10:26:08	1	0	581	580	1	0.9515	0.9515	0.0000	0.987	0.987	0.0000
2023-07-15T10:30:59	1	0	1	1	0	0.9259	0.9265	0.0006	1	-1	0.0000
2023-07-15T10:34:28	1	0	4	4	0	1.0482	1.0477	-0.0005	-0.9994	-0.9994	0.0000
2023-07-15T10:35:05	1	0	161	160	1	1.0722	1.0722	0.0000	0.9995	0.9995	0.0000
2023-07-15T10:35:14	1	0	2	2	0	0.9408	0.9412	0.0004	0.9995	0.9995	0.0000
2023-07-15T10:35:22	1	0	87	86	1	0.9332	0.9332	0.0001	0.9887	0.9887	0.0000
2023-07-15T10:36:33	1	0	3	3	0	0.9734	0.9736	0.0001	-0.9953	-0.9951	-0.0002
2023-07-15T10:37:25	1	0	56	55	1	0.9279	0.9279	0.0000	0.9938	0.9939	-0.0001
2023-07-15T10:38:08	1	0	1	1	0	0.9409	0.9418	0.0009	0.9897	0.9884	0.0013
2023-07-15T10:39:18	1	0	32	32	0	0.9793	0.9793	0.0000	0.9734	0.9733	0.0001
2023-07-15T10:42:48	1	0	29	29	0	1.0479	1.0479	0.0000	-0.9979	-0.998	0.0001
2023-07-15T10:43:21	1	0	1	1	0	1.0387	1.0383	-0.0004	0.9972	0.9972	0.0000
2023-07-15T10:45:17	1	0	2	2	0	1.0367	1.0366	-0.0001	0.9999	0.9999	0.0000
2023-07-15T10:46:00	1	0	1	1	0	0.9268	0.9271	0.0003	-0.9993	-0.9993	0.0000
2023-07-15T10:48:18	1	0	156	153	3	0.9339	0.9343	0.0004	0.9895	0.9896	-0.0001
2023-07-15T10:48:40	1	0	42	38	4	0.9443	0.9456	0.0013	-0.9988	-0.9987	-0.0001
2023-07-15T10:49:52	1	0	1	0	1	0.9437	null	null	-0.9542	-0.9529	-0.0013
2023-07-15T10:52:24	1	0	1	1	0	1.0422	1.0417	-0.0005	-0.9621	-0.9626	0.0005
2023-07-15T10:52:37	1	0	19	18	1	1.0430	1.0422	-0.0008	0.9851	0.9863	-0.0012
2023-07-15T10:53:09	1	0	18	15	3	0.9423	0.9424	0.0001	0.9931	0.9932	-0.0001
2023-07-15T10:54:55	1	0	26	24	2	0.9431	0.9435	0.0004	0.9913	0.9915	-0.0002
2023-07-15T11:01:15	1	0	1	1	0	0.9441	0.9450	0.0009	0.9731	0.9733	-0.0002
2023-07-15T11:03:19	2	0	159	157	2	0.9288	0.9289	0.0002	0.9892	0.9895	-0.0003
2023-07-15T11:05:42	1	0	6	6	0	0.9934	0.9933	-0.0002	0.9731	0.9726	0.0005
2023-07-15T11:06:17	1	0	10	10	0	1.0217	1.0216	-0.0001	-0.9977	-0.9977	0.0000
2023-07-15T11:08:10	1	0	39	39	0	0.9389	0.9393	0.0003	0.9932	0.9933	-0.0001
2023-07-15T11:09:06	1	0	1	1	0	0.9848	0.9853	0.0005	0.9575	0.9577	-0.0002
2023-07-15T11:09:10	1	0	45	45	0	1.0533	1.0534	0.0001	-0.9996	-0.9995	-0.0001
2023-07-15T11:12:15	1	0	2	2	0	0.9535	0.9540	0.0005	-0.9998	-0.9998	0.0000
2023-07-15T11:15:19	1	0	2	2	0	1.0382	1.0380	-0.0003	0.9996	0.9996	0.0000
2023-07-15T11:15:27	1	0	154	153	1	0.9102	0.9105	0.0003	0.9902	0.9903	-0.0001
2023-07-15T11:18:20	1	0	154	154	0	0.9112	0.9121	0.0009	0.9871	0.9873	-0.0002
2023-07-15T11:21:18	1	0	10	10	0	1.0206	1.0207	0.0001	-0.9986	-0.9986	0.0000

2023-07-15T11:22:26	1	0	2	2	0	1.0427	1.0424	-0.0003	-0.9743	-0.9744	0.0001
2023-07-15T11:22:28	2	0	170	161	9	0.9402	0.9409	0.0007	0.995	0.9952	-0.0002
2023-07-15T11:22:35	1	0	5	5	0	0.9993	0.9997	0.0003	0.9592	0.959	0.0002
2023-07-15T11:30:03	1	0	17	17	0	1.0486	1.0484	-0.0002	0.991	0.991	0.0000
2023-07-15T11:33:21	1	0	158	158	0	0.9113	0.9118	0.0005	0.9862	0.9863	-0.0001
2023-07-15T11:34:55	2	0	1	0	1	0.9443	null	null	-0.9611	-0.9604	-0.0007
2023-07-15T11:37:29	1	0	181	173	8	0.9408	0.9409	0.0001	0.9949	0.9957	-0.0008
2023-07-15T11:37:36	1	0	4	4	0	1.0062	1.0065	0.0002	0.9592	0.9588	0.0004
2023-07-15T11:40:30	1	0	1	1	0	1.0322	1.0318	-0.0004	-0.9686	-0.9687	0.0001
2023-07-15T11:47:14	1	0	4	4	0	0.9408	0.9409	0.0001	0.987	0.9871	-0.0001
2023-07-15T11:48:22	1	0	157	157	0	0.9070	0.9074	0.0004	0.9844	0.9844	0.0000
2023-07-15T11:49:56	1	0	5	5	0	0.9418	0.9429	0.0012	-0.9681	-0.9671	-0.0010
2023-07-15T11:52:30	1	0	186	184	2	0.9384	0.9385	0.0000	0.9944	0.9952	-0.0008
2023-07-15T12:01:09	1	0	91	87	4	0.9394	0.9391	-0.0003	0.9984	0.9984	0.0000
2023-07-15T12:03:23	1	0	153	153	0	0.9140	0.9144	0.0004	0.9885	0.9885	0.0000
2023-07-15T12:11:01	1	0	12	12	0	1.0468	1.0468	0.0000	0.9987	0.9987	0.0000
2023-07-15T12:56:34	1	0	33	33	0	0.9386	0.9386	0.0000	0.9845	0.9846	-0.0001
2023-07-15T13:00:26	2	0	1	1	0	1.0361	1.0357	-0.0004	0.9985	0.9985	0.0000
2023-07-15T13:20:44	1	0	1	1	0	0.9382	0.9387	0.0005	0.9893	0.9895	-0.0002
2023-07-15T13:26:36	1	0	35	35	0	0.9339	0.9342	0.0003	0.9833	0.9836	-0.0003
2023-07-15T13:48:56	1	0	76	72	4	0.9362	0.9368	0.0006	-0.9997	-0.9997	0.0000
2023-07-15T13:56:38	1	0	71	70	1	0.9346	0.9339	-0.0007	0.9819	0.982	-0.0001
2023-07-15T13:58:33	1	0	2	2	0	1.0172	1.0177	0.0005	-0.9995	-0.9995	0.0000
2023-07-15T14:00:24	1	0	8	8	0	0.9518	0.9521	0.0003	0.9997	0.9997	0.0000
2023-07-15T14:05:05	1	0	21	21	0	0.9566	0.9566	0.0000	-0.9715	-0.972	0.0005
2023-07-15T14:05:44	1	0	1	1	0	0.9437	0.9440	0.0003	0.9909	0.9913	-0.0004
2023-07-15T14:11:39	1	0	136	130	6	0.9310	0.9316	0.0005	0.9792	0.9797	-0.0005
2023-07-15T14:13:18	1	0	37	34	3	0.9420	0.9420	-0.0001	-0.9992	-0.9991	-0.0001
2023-07-15T14:18:18	1	0	1	1	0	0.9884	0.9891	0.0007	-0.9997	-0.9997	0.0000
2023-07-15T14:18:58	1	0	46	42	4	0.9435	0.9443	0.0007	1	1	0.0000
2023-07-15T14:19:00	1	0	22	12	10	0.9434	0.9434	0.0001	0.9943	0.9943	0.0000
2023-07-15T14:20:06	1	0	27	25	2	0.9656	0.9677	0.0021	-0.975	-0.9749	-0.0001
2023-07-15T14:20:24	1	0	114	114	0	0.9395	0.9395	0.0000	0.9997	0.9998	-0.0001
2023-07-15T14:22:40	1	0	264	259	5	0.9445	0.9446	0.0002	0.9936	0.9937	-0.0001
2023-07-15T14:25:33	1	0	29	29	0	0.9548	0.9548	0.0000	-0.9999	-0.9999	0.0000
2023-07-15T14:25:45	1	0	479	478	1	0.8902	0.8903	0.0001	0.9723	0.972	0.0003
2023-07-15T14:28:35	1	0	3	3	0	0.9895	0.9900	0.0005	-0.9999	-0.9999	0.0000
2023-07-15T14:30:41	1	0	91	89	2	0.9297	0.9297	0.0000	0.9989	0.9989	0.0000
2023-07-15T14:31:15	1	0	8	8	0	0.9674	0.9672	-0.0003	-0.9983	-0.9983	0.0000
2023-07-15T14:32:19	1	0	68	68	0	0.9367	0.9367	0.0000	0.9768	0.9766	0.0002
2023-07-15T14:32:27	1	0	29	28	1	0.9396	0.9398	0.0002	0.9941	0.9941	0.0000
2023-07-15T14:32:51	1	0	2	2	0	1.0032	1.0034	0.0002	0.9455	0.9456	-0.0001
2023-07-15T14:33:44	1	0	6	6	0	1.0281	1.0278	-0.0003	-0.9952	-0.9952	0.0000
2023-07-15T14:34:14	1	0	59	58	1	0.9404	0.9405	0.0001	-0.9994	-0.9994	0.0000
2023-07-15T14:35:07	1	0	39	34	5	0.9488	0.9502	0.0014	-0.9792	-0.9792	0.0000
2023-07-15T14:35:21	1	0	38	38	0	0.9369	0.9372	0.0003	0.9844	0.9847	-0.0003
2023-07-15T14:35:56	1	0	10	10	0	0.9502	0.9502	0.0000	0.9599	0.9597	0.0002
2023-07-15T14:37:38	1	0	40	38	2	1.0574	1.0574	0.0000	-1	-1	0.0000
2023-07-15T14:37:51	1	0	8	8	0	1.0051	1.0051	0.0000	0.9797	0.979	0.0007
2023-07-15T14:40:39	1	0	20	22	-2	0.9425	0.9428	0.0002	0.9937	0.9938	-0.0001
2023-07-15T14:41:42	1	0	81	81	0	0.9414	0.9413	0.0000	0.9842	0.9841	0.0001
2023-07-15T14:43:20	1	0	12	12	0	0.9426	0.9429	0.0003	-0.9997	-0.9996	-0.0001
2023-07-15T14:45:33	1	0	2	2	0	1.0372	1.0372	0.0000	0.9955	0.9955	0.0000
2023-07-15T14:49:00	1	0	19	17	2	0.9531	0.9545	0.0014	0.9994	0.9995	-0.0001
2023-07-15T14:49:15	1	0	30	28	2	0.9426	0.9426	0.0000	-0.9996	-0.9995	-0.0001
2023-07-15T14:50:32	1	0	1	0	1	1.0276	null	null	0.9953	0.9952	0.0001
2023-07-15T14:51:32	1	0	10	10	0	0.9759	0.9759	0.0000	0.9999	0.9999	0.0000
2023-07-15T14:55:47	1	0	7	5	2	0.9427	0.9432	0.0006	-0.9825	-0.9821	-0.0004
2023-07-15T14:56:01	1	0	2	2	0	0.9426	0.9429	0.0003	0.9887	0.9888	-0.0001
2023-07-15T14:56:10	1	0	3	3	0	0.9341	0.9342	0.0001	0.9726	0.9728	-0.0002
2023-07-15T14:56:43	1	0	136	135	1	0.9199	0.9200	0.0001	0.9784	0.9785	-0.0001
2023-07-15T15:04:03	1	0	28	28	0	0.9462	0.9462	0.0000	0.9962	0.9962	0.0000
2023-07-15T15:05:33	1	0	1	0	1	1.0257	null	null	0.9956	0.9955	0.0001
2023-07-15T15:05:48	1	0	1	1	0	0.9446	0.9449	0.0003	0.9892	0.9898	-0.0006
2023-07-15T15:09:47	1	0	1	1	0	0.9445	0.9450	0.0005	0.9954	0.9955	-0.0001
2023-07-15T15:10:48	1	0	22	20	2	0.9427	0.9427	0.0000	-0.9829	-0.9825	-0.0004
2023-07-15T15:12:39	1	0	2	2	0	0.9381	0.9385	0.0004	0.9914	0.9917	-0.0003
2023-07-15T15:21:56	1	0	47	47	0	0.9451	0.9451	0.0000	0.9998	0.9999	-0.0001
2023-07-15T15:25:55	1	0	17	16	1	0.9447	0.9447	0.0000	0.9979	0.9979	0.0000
2023-07-15T15:31:19	1	0	9	9	0	0.9515	0.9518	0.0004	-0.9985	-0.9984	-0.0001
2023-07-15T15:33:48	2	0	1	0	1	0.9598	null	null	-0.9989	-0.9989	0.0000
2023-07-15T15:34:03	1	0	73	71	2	0.9415	0.9417	0.0001	0.9991	0.9991	0.0000
2023-07-15T15:36:54	1	0	1	1	0	0.9434	0.9449	0.0015	-0.9992	-0.999	-0.0002
2023-07-15T15:48:56	1	0	7	7	0	1.0170	1.0171	0.0001	-0.9927	-0.9926	-0.0001
2023-07-15T15:54:16	1	0	1	1	0	1.0416	1.0410	-0.0006	0.9966	0.9966	0.0000
2023-07-15T15:54:50	1	0	10	7	3	0.9431	0.9433	0.0002	0.9948	0.9949	-0.0001
2023-07-15T15:55:51	1	0	54	51	3	0.9418	0.9420	0.0002	-0.9923	-0.9921	-0.0002
2023-07-15T16:06:47	1	0	151	150	1	0.9371	0.9371	0.0000	0.999	0.999	0.0000
2023-07-15T16:26:50	1	0	310	310	0	0.9077	0.9077	0.0000	0.9736	0.9736	0.0000
2023-07-15T16:30:53	1	0	163	163	0	0.9287	0.9287	0.0000	0.9968	0.9968	0.0000
2023-07-15T16:59:38	1	0	11	11	0	0.9459	0.9459	0.0000	0.9944	0.9943	0.0001
2023-07-15T17:09:50	1	0	295	295	0	0.9276	0.9276	0.0000	0.9702	0.9701	0.0001
2023-07-15T17:39:51	1	0	312	306	6	0.9264	0.9269	0.0005	0.9675	0.9673	0.0002
2023-07-16T08:16:23	1	0	461	461	0	1.0747	1.0747	-0.0001	0.9845	0.9844	0.0001
2023-07-16T08:16:53	1	0	10	10	0	0.9712	0.9712	0.0000	0.9877	0.9879	-0.0002

2023-07-16T08:18:14	1	0	139	139	0	0.9272	0.9273	0.0001	0.9907	0.9908	-0.0001
2023-07-16T08:19:54	1	0	116	115	1	1.0613	1.0613	0.0000	-0.9671	-0.967	-0.0001
2023-07-16T08:28:12	1	0	1	1	0	1.0346	1.0340	-0.0006	-0.9999	-0.9998	-0.0001
2023-07-16T08:31:24	1	0	458	458	0	1.0748	1.0747	-0.0001	0.983	0.9829	0.0001
2023-07-16T08:34:55	1	0	102	102	0	1.0594	1.0594	0.0000	-0.9733	-0.9733	0.0000
2023-07-16T08:35:06	1	0	1	1	0	1.0404	1.0404	0.0000	-1	-0.9999	-0.0001
2023-07-16T08:46:25	1	0	461	461	0	1.0734	1.0733	-0.0001	0.9828	0.9827	0.0001
2023-07-16T08:57:41	1	0	72	71	1	0.9545	0.9546	0.0001	-0.9884	-0.9884	0.0000
2023-07-16T09:01:26	1	0	455	455	0	1.0720	1.0720	-0.0001	0.9828	0.9828	0.0000
2023-07-16T09:03:17	1	0	158	157	1	0.9163	0.9121	-0.0043	0.9846	0.9847	-0.0001
2023-07-16T09:31:33	1	0	1	1	0	1.0393	1.0390	-0.0003	-0.9992	-0.9992	0.0000
2023-07-16T09:44:31	1	0	2	2	0	0.9417	0.9421	0.0004	0.9867	0.9868	-0.0001
2023-07-16T09:45:26	1	0	1	1	0	0.8147	0.8150	0.0003	0.999	0.9991	-0.0001
2023-07-16T09:50:09	1	0	17	17	0	1.0530	1.0528	-0.0002	0.9917	0.9917	0.0000
2023-07-16T09:51:23	1	0	2	2	0	1.0346	1.0344	-0.0003	-0.9933	-0.9934	0.0001
2023-07-16T09:52:54	1	0	5	4	1	1.0209	1.0178	-0.0031	-0.9895	-0.9891	-0.0004
2023-07-16T09:55:54	1	0	252	245	7	0.9736	0.9737	0.0001	0.9783	0.9785	-0.0002
2023-07-16T10:00:02	1	0	19	17	2	1.0491	1.0491	0.0000	0.9834	0.9834	0.0000
2023-07-16T10:01:30	1	0	425	425	0	1.0714	1.0714	-0.0001	0.9931	0.9931	0.0000
2023-07-16T10:02:21	1	0	7	7	0	1.0384	1.0382	-0.0002	-0.9939	-0.9941	0.0002
2023-07-16T10:04:44	1	0	1	1	0	1.0331	1.0324	-0.0007	0.9939	0.9938	0.0001
2023-07-16T10:09:29	1	0	14	14	0	0.9423	0.9424	0.0001	0.9983	0.9983	0.0000
2023-07-16T10:13:05	1	0	1	1	0	1.0183	1.0177	-0.0006	0.99	0.99	0.0000
2023-07-16T10:14:08	1	0	6	6	0	1.0148	1.0147	-0.0001	-0.9977	-0.9977	0.0000
2023-07-16T10:15:19	1	0	4	4	0	1.0426	1.0425	-0.0001	0.9994	0.9994	0.0000
2023-07-16T10:17:01	1	0	82	81	1	0.9438	0.9441	0.0003	0.9942	0.9941	0.0001
2023-07-16T10:18:29	1	0	1	0	1	0.9447	null	null	-0.9904	-0.9903	-0.0001
2023-07-16T10:19:07	1	0	10	10	0	0.9451	0.9452	0.0002	0.9741	0.9741	0.0000
2023-07-16T10:22:35	1	0	3	3	0	0.9879	0.9884	0.0004	0.9657	0.9656	0.0001
2023-07-16T10:25:20	1	0	5	5	0	1.0127	1.0127	0.0001	0.9999	0.9999	0.0000
2023-07-16T10:25:56	1	0	222	220	2	0.9835	0.9834	-0.0001	0.9836	0.9834	0.0002
2023-07-16T10:26:01	1	0	13	10	3	1.0433	1.0427	-0.0006	0.9918	0.9918	0.0000
2023-07-16T10:30:04	1	0	9	9	0	1.0488	1.0486	-0.0001	0.9814	0.9813	0.0001
2023-07-16T10:33:23	1	0	125	125	0	0.9336	0.9337	0.0000	0.9885	0.9885	0.0000
2023-07-16T10:36:17	1	0	8	8	0	1.0125	1.0125	0.0000	-0.996	-0.9959	-0.0001
2023-07-16T10:40:40	1	0	51	48	3	0.9401	0.9406	0.0005	0.9934	0.9935	-0.0001
2023-07-16T10:40:57	1	0	384	383	1	0.9699	0.9698	0.0000	0.9774	0.9774	0.0000
2023-07-16T10:42:30	1	0	16	15	1	1.0523	1.0520	-0.0003	-0.9908	-0.9908	0.0000
2023-07-16T10:45:21	1	0	4	4	0	1.0440	1.0439	-0.0001	0.9998	0.9998	0.0000
2023-07-16T10:45:54	1	0	1	1	0	0.9323	0.9330	0.0007	0.9993	0.9993	0.0000
2023-07-16T10:46:25	1	0	83	81	2	0.9630	0.9607	-0.0023	-0.9951	-0.9952	0.0001
2023-07-16T10:48:49	1	0	1	1	0	1.0278	1.0275	-0.0003	0.9999	0.9999	0.0000
2023-07-16T10:50:13	1	0	9	9	0	1.0481	1.0479	-0.0001	0.9855	0.9854	0.0001
2023-07-16T10:50:15	1	0	37	36	1	0.9328	0.9332	0.0005	0.9996	0.9996	0.0000
2023-07-16T10:52:31	1	0	1	1	0	1.0562	1.0557	-0.0005	0.978	0.9779	0.0001
2023-07-16T10:54:38	1	0	11	11	0	1.0033	1.0031	-0.0002	0.9678	0.9678	0.0000
2023-07-16T10:57:31	1	0	1	1	0	1.0114	1.0103	-0.0011	0.9976	0.9976	0.0000
2023-07-16T11:00:06	1	0	32	32	0	1.0505	1.0504	-0.0001	0.9848	0.9847	0.0001
2023-07-16T11:00:55	1	0	2	2	0	1.0361	1.0358	-0.0004	1	1	0.0000
2023-07-16T11:00:55	1	0	1	1	0	0.9383	0.9386	0.0003	-0.9988	-0.9987	-0.0001
2023-07-16T11:05:40	1	0	6	6	0	1.0390	1.0387	-0.0002	-0.994	-0.9943	0.0003
2023-07-16T11:06:19	1	0	8	8	0	1.0123	1.0122	-0.0001	-0.9971	-0.9971	0.0000
2023-07-16T11:13:28	1	0	6	6	0	1.0426	1.0426	0.0000	0.9987	0.9976	0.0011
2023-07-16T11:13:32	1	0	4	4	0	1.0371	1.0365	-0.0006	0.9986	0.9986	0.0000
2023-07-16T11:13:55	1	0	2	2	0	1.0070	1.0073	0.0003	-0.9681	-0.967	-0.0011
2023-07-16T11:19:08	1	0	96	94	2	1.0492	1.0489	-0.0003	-0.9963	-0.9964	0.0001
2023-07-16T11:20:41	1	0	5	5	0	1.0410	1.0409	-0.0001	-0.9928	-0.993	0.0002
2023-07-16T11:20:45	1	0	227	224	3	0.9289	0.9289	0.0000	0.999	0.9991	-0.0001
2023-07-16T11:21:20	1	0	10	10	0	0.9968	0.9969	0.0001	-0.9979	-0.9978	-0.0001
2023-07-16T11:21:29	1	0	68	67	1	0.9336	0.9337	0.0001	0.9222	0.9229	-0.0007
2023-07-16T11:22:53	1	0	67	67	0	0.9282	0.9285	0.0003	0.9876	0.9877	-0.0001
2023-07-16T11:24:36	1	0	2	2	0	1.0573	1.0569	-0.0004	-0.9996	-0.9996	0.0000
2023-07-16T11:30:20	1	0	1	1	0	0.9814	0.9819	0.0005	-0.9998	-0.9998	0.0000
2023-07-16T11:35:46	1	0	32	32	0	0.9416	0.9416	0.0000	-0.9931	-0.9931	0.0000
2023-07-16T11:36:32	1	0	2	2	0	0.9438	0.9443	0.0005	-0.9999	-0.9999	0.0000
2023-07-16T11:39:12	1	0	1	1	0	0.9765	0.9769	0.0004	0.9558	0.9561	-0.0003
2023-07-16T11:40:44	1	0	32	31	1	0.9418	0.9418	0.0000	0.9937	0.9938	-0.0001
2023-07-16T11:43:13	1	0	2	2	0	0.9892	0.9892	-0.0001	-0.9898	-0.9895	-0.0003
2023-07-16T11:49:10	1	0	86	86	0	1.0482	1.0481	-0.0001	-0.9951	-0.9952	0.0001
2023-07-16T11:52:43	1	0	13	13	0	1.0369	1.0369	0.0000	-0.9965	-0.9964	-0.0001
2023-07-16T12:11:07	1	0	10	10	0	1.0475	1.0475	0.0000	0.9999	0.9999	0.0000
2023-07-16T12:15:36	1	0	24	19	5	0.9371	0.9356	-0.0015	0.998	0.9981	-0.0001
2023-07-16T12:31:25	1	0	1	1	0	0.9440	0.9449	0.0009	0.9752	0.9753	-0.0001
2023-07-16T12:32:53	1	0	13	12	1	1.0350	1.0334	-0.0017	0.9849	0.9849	0.0000
2023-07-16T12:47:54	1	0	15	14	1	1.0386	1.0372	-0.0013	0.9838	0.9838	0.0000
2023-07-16T13:05:38	1	0	1	0	1	1.0060	null	null	0.9993	0.9994	-0.0001
2023-07-16T13:35:40	1	0	1	1	0	1.0103	1.0093	-0.0010	1	1	0.0000
2023-07-16T13:51:41	1	0	3	3	0	0.9637	0.9636	-0.0001	-0.9994	-0.9994	0.0000
2023-07-16T13:56:41	1	0	3	3	0	1.0610	1.0609	-0.0001	-0.9998	-0.9998	0.0000
2023-07-16T14:00:30	1	0	7	7	0	0.9473	0.9476	0.0003	-1	-1	0.0000
2023-07-16T14:09:45	1	0	54	55	-1	0.9353	0.9353	0.0000	0.9931	0.994	-0.0009
2023-07-16T14:17:27	1	0	1	1	0	1.0565	1.0556	-0.0009	0.9887	0.9886	0.0001
2023-07-16T14:19:52	1	0	1	0	1	1.0456	null	null	-0.9975	-0.9976	0.0001
2023-07-16T14:22:01	1	0	17	17	0	1.0373	1.0374	0.0000	0.9935	0.9942	-0.0007
2023-07-16T14:25:36	1	0	4	4	0	0.9874	0.9875	0.0001	0.9984	0.9984	0.0000

2023-07-16T14:29:43	1	0	1	1	0	0.9411	0.9418	0.0007	0.9975	0.9975	0.0000
2023-07-16T14:30:51	2	0	57	30	27	0.9673	0.9771	0.0097	0.9883	0.9891	-0.0008
2023-07-16T14:34:02	5	0	1	0	1	0.9596	null	null	-0.9987	-0.9987	0.0000
2023-07-16T14:36:56	1	0	4	4	0	0.9522	0.9526	0.0004	1	1	0.0000
2023-07-16T14:37:44	1	0	1	0	1	1.0413	null	null	-0.9738	-0.9742	0.0004
2023-07-16T14:43:25	1	0	4	4	0	0.9441	0.9445	0.0003	-0.995	-0.9947	-0.0003
2023-07-16T14:44:44	1	0	1	1	0	0.9306	0.9306	0.0000	0.9973	0.9973	0.0000
2023-07-16T14:48:21	1	0	20	19	1	0.9613	0.9573	-0.0040	0.979	0.98	-0.0010
2023-07-16T14:53:28	1	0	5	4	1	0.9422	0.9427	0.0004	0.9913	0.9916	-0.0003
2023-07-16T14:55:50	1	0	9	10	-1	0.9398	0.9403	0.0006	0.9955	0.9955	0.0000
2023-07-16T14:56:12	1	0	21	20	1	1.0450	1.0444	-0.0006	0.9886	0.9891	-0.0005
2023-07-16T15:03:52	1	0	8	8	0	1.0367	1.0354	-0.0013	-0.9888	-0.989	0.0002
2023-07-16T15:05:43	1	0	95	95	0	0.9329	0.9330	0.0001	0.9919	0.9919	0.0000
2023-07-16T15:05:48	1	0	1	1	0	1.0058	1.0050	-0.0008	-1	-1	0.0000
2023-07-16T15:08:29	1	0	1	1	0	0.9428	0.9433	0.0005	0.9912	0.9914	-0.0002
2023-07-16T15:09:56	1	0	99	96	3	0.9420	0.9426	0.0006	0.9953	0.9962	-0.0009
2023-07-16T15:11:18	1	0	2	1	1	0.9444	0.9444	0.0001	0.9797	0.9799	-0.0002
2023-07-16T15:20:13	1	0	5	2	3	0.9424	0.9427	0.0004	-0.9605	-0.9584	-0.0021
2023-07-16T15:21:59	1	0	9	8	1	0.9489	0.9502	0.0013	0.9997	0.9998	-0.0001
2023-07-16T15:24:57	1	0	128	120	8	0.9245	0.9252	0.0006	0.9953	0.9946	0.0007
2023-07-16T15:31:13	1	0	3	3	0	0.9855	0.9850	-0.0005	-0.9999	-0.9999	0.0000
2023-07-16T15:35:14	1	0	1	1	0	0.9428	0.9448	0.0020	-0.9681	-0.9667	-0.0014
2023-07-16T15:39:58	1	0	129	122	7	0.9309	0.9312	0.0003	0.996	0.9952	0.0008
2023-07-16T15:41:50	1	0	29	29	0	0.9334	0.9334	0.0000	0.9844	0.9844	0.0000
2023-07-16T15:50:15	1	0	5	5	0	0.9406	0.9422	0.0015	-0.9707	-0.9697	-0.0010
2023-07-16T16:01:30	1	0	3	3	0	0.9357	0.9360	0.0003	0.9999	0.9999	0.0000
2023-07-16T16:10:00	1	0	214	209	5	0.9342	0.9343	0.0000	0.9941	0.9949	-0.0008
2023-07-16T16:26:55	1	0	1	1	0	0.9422	0.9432	0.0010	-0.9996	-0.9996	0.0000
2023-07-16T16:33:58	1	0	3	2	1	0.9481	0.9507	0.0025	1	1	0.0000
2023-07-16T16:40:27	1	0	6	6	0	0.9412	0.9414	0.0001	0.9857	0.9858	-0.0001
2023-07-16T16:41:56	1	0	5	5	0	0.9415	0.9418	0.0003	-0.9997	-0.9997	0.0000
2023-07-16T16:43:15	1	0	39	36	3	0.9566	0.9570	0.0003	-0.9941	-0.9941	0.0000
2023-07-16T16:53:36	1	0	96	95	1	0.9316	0.9316	0.0000	0.9914	0.9915	-0.0001
2023-07-17T08:01:17	1	0	460	460	0	1.0709	1.0709	0.0000	0.9812	0.981	0.0002
2023-07-17T08:14:01	1	0	2	2	0	0.9286	0.9286	0.0001	0.9994	0.9994	0.0000
2023-07-17T08:15:14	1	0	22	21	1	0.9382	0.9382	0.0000	0.9799	0.98	-0.0001
2023-07-17T08:16:38	1	0	6	6	0	1.0085	1.0084	-0.0001	0.9881	0.9883	-0.0002
2023-07-17T08:18:07	1	0	53	52	1	0.9367	0.9369	0.0002	0.9556	0.9556	0.0000
2023-07-17T08:31:19	1	0	454	454	0	1.0718	1.0718	0.0000	0.9761	0.976	0.0001
2023-07-17T08:39:29	1	0	32	30	2	0.9397	0.9402	0.0004	0.9955	0.9935	0.0020
2023-07-17T08:46:20	1	0	460	460	0	1.0709	1.0708	0.0000	0.9892	0.9892	0.0000
2023-07-17T08:52:59	1	0	7	7	0	0.9485	0.9488	0.0003	-0.9989	-0.9989	0.0000
2023-07-17T09:01:21	1	0	455	455	0	1.0697	1.0696	-0.0001	0.9882	0.9882	0.0000
2023-07-17T09:13:12	1	0	1	1	0	0.9429	0.9435	0.0006	0.9975	0.9975	0.0000
2023-07-17T09:16:22	1	0	445	445	0	1.0705	1.0704	-0.0001	0.9891	0.989	0.0001
2023-07-17T09:17:27	1	0	23	22	1	1.0416	1.0408	-0.0008	0.9704	0.9704	0.0000
2023-07-17T09:27:54	1	0	1	1	0	1.0215	1.0211	-0.0004	0.9961	0.9961	0.0000
2023-07-17T09:28:39	1	0	2	2	0	1.0221	1.0218	-0.0003	-0.9636	-0.9631	-0.0005
2023-07-17T09:29:27	1	0	1	1	0	0.9428	0.9434	0.0006	0.9839	0.984	-0.0001
2023-07-17T09:35:04	1	0	24	21	3	1.0499	1.0497	-0.0003	-0.9998	-0.9998	0.0000
2023-07-17T09:36:25	1	0	18	18	0	0.9431	0.9434	0.0003	0.9975	0.9975	0.0000
2023-07-17T09:45:20	1	0	173	173	0	0.9064	0.9067	0.0003	0.9856	0.9857	-0.0001
2023-07-17T09:47:23	1	0	5	5	0	1.0226	1.0225	-0.0001	-0.9965	-0.9966	0.0001
2023-07-17T09:47:29	1	0	21	19	2	1.0447	1.0432	-0.0015	0.9655	0.9656	-0.0001
2023-07-17T09:48:13	1	0	3	3	0	0.9358	0.9358	0.0000	0.9477	0.948	-0.0003
2023-07-17T09:49:36	1	0	3	3	0	1.0300	1.0296	-0.0004	0.9856	0.9855	0.0001
2023-07-17T09:50:05	1	0	19	17	2	1.0482	1.0480	-0.0002	-1	-1	0.0000
2023-07-17T09:53:09	2	0	55	52	3	0.9356	0.9363	0.0007	0.9975	0.9976	-0.0001
2023-07-17T09:54:48	1	0	3	3	0	0.9534	0.9536	0.0002	0.9869	0.987	-0.0001
2023-07-17T10:04:49	1	0	2	2	0	1.0476	1.0470	-0.0006	-0.8804	-0.8808	0.0004
2023-07-17T10:07:47	1	0	9	9	0	1.0372	1.0370	-0.0002	-0.9933	-0.9931	-0.0002
2023-07-17T10:08:36	1	0	62	62	0	0.9402	0.9403	0.0001	0.8867	0.8873	-0.0006
2023-07-17T10:09:25	1	0	5	5	0	0.9985	0.9987	0.0002	-0.9927	-0.9927	0.0000
2023-07-17T10:09:37	1	0	7	7	0	1.0040	1.0040	0.0000	0.9998	0.9998	0.0000
2023-07-17T10:10:11	1	0	30	30	0	0.9397	0.9398	0.0000	0.9989	0.999	-0.0001
2023-07-17T10:10:33	1	0	2	2	0	0.9412	0.9417	0.0005	0.9871	0.9872	-0.0001
2023-07-17T10:11:10	1	0	1	1	0	1.0214	1.0210	-0.0004	0.9973	0.9972	0.0001
2023-07-17T10:11:22	1	0	8	8	0	0.9358	0.9359	0.0001	0.9677	0.9671	0.0006
2023-07-17T10:16:31	1	0	1	1	0	1.0406	1.0400	-0.0006	0.9988	0.9988	0.0000
2023-07-17T10:16:47	1	0	75	75	0	0.9411	0.9411	0.0000	0.989	0.9889	0.0001
2023-07-17T10:18:23	1	0	51	51	0	0.9314	0.9318	0.0004	1	1	0.0000
2023-07-17T10:18:40	1	0	1	1	0	1.0326	1.0320	-0.0006	0.9953	0.9953	0.0000
2023-07-17T10:20:21	1	0	3	3	0	1.0222	1.0215	-0.0007	0.9918	0.9914	0.0004
2023-07-17T10:23:11	1	0	83	82	1	0.9270	0.9274	0.0004	0.9958	0.9959	-0.0001
2023-07-17T10:24:16	1	0	12	12	0	1.0146	1.0146	0.0000	0.9558	0.9529	0.0029
2023-07-17T10:24:36	1	0	8	8	0	0.9605	0.9606	0.0001	0.9917	0.9929	-0.0012
2023-07-17T10:25:04	1	0	11	10	1	1.0469	1.0461	-0.0008	1	1	0.0000
2023-07-17T10:25:51	1	0	1418	1420	-2	0.9387	0.9389	0.0002	0.9745	0.9745	0.0000
2023-07-17T10:27:49	1	0	25	25	0	0.9594	0.9594	0.0000	0.9621	0.9623	-0.0002
2023-07-17T10:30:17	1	0	2	2	0	1.0366	1.0364	-0.0001	0.9989	0.9989	0.0000
2023-07-17T10:32:06	1	0	6	5	1	0.9668	0.9495	-0.0173	0.9704	0.9705	-0.0001
2023-07-17T10:33:16	1	0	2	2	0	0.9904	0.9901	-0.0003	0.9701	0.97	0.0001
2023-07-17T10:35:08	1	0	4	4	0	0.9929	0.9931	0.0002	0.9996	0.9996	0.0000
2023-07-17T10:35:22	1	0	2	2	0	1.0167	1.0157	-0.0010	0.9886	0.9882	0.0004
2023-07-17T10:37:30	1	0	2	2	0	0.9983	0.9990	0.0007	0.9592	0.9583	0.0009

2023-07-17T10:38:12	1	0	86	86	0	0.9221	0.9224	0.0003	0.994	0.994	0.0000
2023-07-17T10:38:38	1	0	19	19	0	0.9452	0.9453	0.0000	0.923	0.9235	-0.0005
2023-07-17T10:44:18	1	0	1	1	0	0.9394	0.9398	0.0004	0.9909	0.991	-0.0001
2023-07-17T10:47:37	1	0	1	1	0	0.9430	0.9434	0.0004	0.922	0.9228	-0.0008
2023-07-17T10:48:38	1	0	6	5	1	0.9637	0.9655	0.0018	-0.999	-0.999	0.0000
2023-07-17T10:49:52	1	0	2	2	0	1.0455	1.0451	-0.0003	-0.9099	-0.9105	0.0006
2023-07-17T10:50:05	1	0	17	17	0	1.0531	1.0527	-0.0004	0.9632	0.9631	0.0001
2023-07-17T10:50:09	1	0	4	4	0	0.9410	0.9414	0.0004	0.9991	0.9991	0.0000
2023-07-17T10:50:23	1	0	2	2	0	1.0135	1.0127	-0.0008	0.9911	0.991	0.0001
2023-07-17T10:50:34	1	0	2	2	0	1.0589	1.0584	-0.0005	0.9978	0.9977	0.0001
2023-07-17T10:51:12	1	0	10	10	0	0.9700	0.9701	0.0002	0.9993	0.9992	0.0001
2023-07-17T10:52:31	1	0	3	3	0	0.9866	0.9869	0.0003	0.9554	0.9544	0.0010
2023-07-17T10:53:41	1	0	22	22	0	0.9431	0.9431	0.0000	0.9234	0.9238	-0.0004
2023-07-17T10:54:38	1	0	94	81	13	0.9443	0.9452	0.0009	0.9922	0.9861	0.0061
2023-07-17T10:56:13	1	0	11	11	0	0.9432	0.9433	0.0000	0.9935	0.9935	0.0000
2023-07-17T10:56:22	1	0	1	0	1	0.9447	null	null	0.997	0.9971	-0.0001
2023-07-17T11:00:57	1	0	1	1	0	0.9350	0.9353	0.0003	-0.9998	-0.9998	0.0000
2023-07-17T11:00:59	1	0	3	3	0	1.0351	1.0348	-0.0003	0.9759	0.9756	0.0003
2023-07-17T11:03:06	1	0	3	3	0	0.9543	0.9545	0.0001	0.9444	0.945	-0.0006
2023-07-17T11:03:40	1	0	15	11	4	0.9508	0.9529	0.0021	-0.9992	-0.9992	0.0000
2023-07-17T11:05:06	1	0	19	19	0	1.0530	1.0529	-0.0001	0.962	0.9617	0.0003
2023-07-17T11:06:13	1	0	10	10	0	0.9746	0.9746	-0.0001	0.9994	0.9994	0.0000
2023-07-17T11:09:40	1	0	41	38	3	0.9524	0.9532	0.0009	0.9928	0.9929	-0.0001
2023-07-17T11:10:28	1	0	2	2	0	0.9474	0.9476	0.0002	-0.998	-0.9979	-0.0001
2023-07-17T11:10:37	1	0	3	3	0	0.9859	0.9854	-0.0005	0.9868	0.9868	0.0000
2023-07-17T11:11:26	1	0	15	15	0	0.9396	0.9396	0.0000	0.9629	0.963	-0.0001
2023-07-17T11:15:04	1	0	2	0	2	0.9565	null	null	0.9898	0.9899	-0.0001
2023-07-17T11:15:20	1	0	2	2	0	1.0381	1.0376	-0.0005	0.998	0.9979	0.0001
2023-07-17T11:15:25	1	0	90	34	56	0.9285	0.9381	0.0096	0.9882	0.9967	-0.0085
2023-07-17T11:19:31	1	0	1	0	1	1.0454	null	null	0.9982	0.9981	0.0001
2023-07-17T11:20:01	1	0	17	14	3	0.9452	0.9459	0.0007	0.9994	0.9995	-0.0001
2023-07-17T11:20:07	1	0	19	19	0	1.0527	1.0527	-0.0001	0.9599	0.9597	0.0002
2023-07-17T11:20:36	1	0	2	2	0	1.0580	1.0577	-0.0003	0.9904	0.9902	0.0002
2023-07-17T11:22:27	1	0	1	1	0	1.0574	1.0570	-0.0004	0.9725	0.9723	0.0002
2023-07-17T11:24:41	1	0	12	9	3	0.9587	0.9592	0.0005	0.9949	0.9957	-0.0008
2023-07-17T11:33:28	1	0	39	23	16	1.0495	1.0480	-0.0015	-0.9981	-0.9982	0.0001
2023-07-17T11:54:47	1	0	8	8	0	0.9623	0.9625	0.0002	0.996	0.9961	-0.0001
2023-07-17T12:21:32	1	0	5	5	0	0.9989	0.9988	-0.0001	-1	-1	0.0000
2023-07-17T12:58:15	1	0	3	3	0	0.9886	0.9882	-0.0004	-0.9999	-0.9999	0.0000
2023-07-17T13:35:42	1	0	1	1	0	0.9417	0.9424	0.0007	0.9688	0.9692	-0.0004
2023-07-17T13:39:54	1	0	35	33	2	0.9524	0.9524	0.0000	0.9908	0.9908	0.0000
2023-07-17T13:40:29	1	0	136	135	1	0.9381	0.9384	0.0004	0.9845	0.9846	-0.0001
2023-07-17T13:48:52	1	0	138	138	0	0.9242	0.9245	0.0003	0.9995	0.9995	0.0000
2023-07-17T13:50:40	1	0	148	147	1	1.0583	1.0583	0.0000	0.9999	0.9999	0.0000
2023-07-17T13:56:05	1	0	2143	2143	0	0.9211	0.9212	0.0001	0.9783	0.9782	0.0001
2023-07-17T14:03:53	1	0	163	161	2	0.9182	0.9183	0.0001	0.9993	0.9993	0.0000
2023-07-17T14:11:06	1	0	2048	2053	-5	0.9273	0.9273	0.0000	0.9785	0.9784	0.0001
2023-07-17T14:21:56	1	0	25	24	1	1.0191	1.0191	0.0000	0.9788	0.9789	-0.0001
2023-07-17T14:24:57	1	0	48	46	2	0.9293	0.9298	0.0005	0.9907	0.9898	0.0009
2023-07-17T14:25:28	1	0	128	125	3	0.9294	0.9295	0.0000	0.9984	0.9985	-0.0001
2023-07-17T14:30:39	1	0	28	25	3	0.9369	0.9367	-0.0002	0.982	0.9821	-0.0001
2023-07-17T14:31:20	1	0	110	105	5	0.9403	0.9408	0.0005	0.9932	0.9932	0.0000
2023-07-17T14:33:42	1	0	70	70	0	0.9117	0.9117	0.0000	-0.9999	-0.9999	0.0000
2023-07-17T14:33:55	1	0	175	174	1	0.9191	0.9193	0.0001	1	1	0.0000
2023-07-17T14:38:55	1	0	4	4	0	1.0052	1.0048	-0.0004	0.9873	0.987	0.0003
2023-07-17T14:39:24	1	0	1	0	1	1.0290	null	null	0.9916	0.9915	0.0001
2023-07-17T14:39:26	1	0	3	3	0	1.0299	1.0297	-0.0002	0.9934	0.9934	0.0000
2023-07-17T14:39:39	1	0	1	1	0	1.0214	1.0210	-0.0004	-1	-1	0.0000
2023-07-17T14:40:33	1	0	4	4	0	1.0152	1.0150	-0.0002	-0.9992	-0.9992	0.0000
2023-07-17T14:40:46	1	0	42	39	3	0.9378	0.9389	0.0011	0.9993	0.9996	-0.0003
2023-07-17T14:41:48	1	0	78	76	2	0.9409	0.9413	0.0004	0.9996	0.9996	0.0000
2023-07-17T14:42:18	1	0	98	97	1	0.9099	0.9102	0.0003	0.9996	0.9996	0.0000
2023-07-17T14:43:35	1	0	173	172	1	0.9477	0.9478	0.0001	0.9894	0.9822	0.0072
2023-07-17T14:43:39	1	0	88	76	12	0.9342	0.9359	0.0017	0.9896	0.9899	-0.0003
2023-07-17T14:44:25	1	0	1	1	0	0.9564	0.9567	0.0003	0.9835	0.9836	-0.0001
2023-07-17T14:44:27	1	0	111	111	0	0.9362	0.9362	0.0000	0.9985	0.9985	0.0000
2023-07-17T14:45:02	1	0	2601	2595	6	0.9116	0.9127	0.0012	0.9605	0.9607	-0.0002
2023-07-17T14:47:15	1	0	6	6	0	0.9437	0.9440	0.0003	0.9998	0.9998	0.0000
2023-07-17T14:47:59	1	0	77	67	10	0.9394	0.9399	0.0004	0.9973	0.9975	-0.0002
2023-07-17T14:49:39	1	0	29	17	12	0.9369	0.9326	-0.0043	0.9801	0.9804	-0.0003
2023-07-17T14:49:59	1	0	2	2	0	0.9225	0.9230	0.0006	0.9995	0.9996	-0.0001
2023-07-17T14:51:00	1	0	107	107	0	0.9236	0.9236	0.0000	0.9761	0.9762	-0.0001
2023-07-17T14:51:20	1	0	5	5	0	0.9637	0.9639	0.0001	0.9849	0.9849	0.0000
2023-07-17T14:51:22	1	0	2	2	0	0.9387	0.9387	0.0001	0.985	0.9851	-0.0001
2023-07-17T14:51:48	1	0	46	45	1	1.0099	1.0087	-0.0012	0.972	0.9721	-0.0001
2023-07-17T14:52:30	1	0	152	151	1	0.9279	0.9290	0.0011	0.9881	0.9883	-0.0002
2023-07-17T14:54:22	1	0	8	8	0	0.9376	0.9377	0.0001	0.9949	0.9949	0.0000
2023-07-17T14:54:44	1	0	2	2	0	0.9640	0.9651	0.0011	0.9703	0.9714	-0.0011
2023-07-17T14:55:08	1	0	1	1	0	0.9439	0.9443	0.0004	0.9935	0.9933	0.0002
2023-07-17T14:55:25	1	0	21	21	0	0.9529	0.9532	0.0002	0.9979	0.9979	0.0000
2023-07-17T14:55:36	1	0	3	2	1	0.9442	0.9445	0.0003	0.9975	0.9976	-0.0001
2023-07-17T14:55:47	1	0	27	21	6	0.9401	0.9405	0.0004	0.9999	0.9999	0.0000
2023-07-17T14:57:54	1	0	70	68	2	0.9401	0.9401	0.0000	0.8877	0.8887	-0.0010
2023-07-17T14:58:35	1	0	50	49	1	0.9677	0.9679	0.0002	0.9913	0.9923	-0.0010
2023-07-17T14:58:40	1	0	77	65	12	0.9358	0.9370	0.0012	0.9899	0.9902	-0.0003

2023-07-17T15:00:03	1	0	2582	2581	1	0.9032	0.9041	0.0010	0.9603	0.9603	0.0000
2023-07-17T15:00:33	1	0	145	142	3	0.9160	0.9160	0.0000	0.9734	0.9746	-0.0012
2023-07-17T15:01:59	1	0	3	3	0	0.9329	0.9330	0.0001	0.999	0.999	0.0000
2023-07-17T15:03:26	1	0	11	11	0	0.9321	0.9321	0.0001	0.9941	0.9941	0.0000
2023-07-17T15:03:46	1	0	122	115	7	0.9351	0.9352	0.0001	0.9756	0.9757	-0.0001
2023-07-17T15:05:17	1	0	186	184	2	0.9361	0.9361	0.0000	0.9925	0.9925	0.0000
2023-07-17T15:05:26	1	0	4	4	0	0.9401	0.9403	0.0002	0.9645	0.9644	0.0001
2023-07-17T15:06:21	1	0	3	3	0	0.9407	0.9411	0.0004	0.9849	0.9849	0.0000
2023-07-17T15:06:49	1	0	52	51	1	1.0399	1.0396	-0.0003	0.9777	0.9777	0.0000
2023-07-17T15:07:31	1	0	164	162	2	0.9294	0.9270	-0.0025	0.9895	0.9898	-0.0003
2023-07-17T15:07:41	1	0	3	3	0	0.9990	0.9995	0.0005	0.994	0.994	0.0000
2023-07-17T15:07:55	1	0	159	158	1	0.9249	0.9251	0.0002	0.999	0.9991	-0.0001
2023-07-17T15:09:19	1	0	2	2	0	0.9807	0.9813	0.0006	0.9447	0.9386	0.0061
2023-07-17T15:09:25	1	0	3	3	0	1.0370	1.0364	-0.0006	0.9974	0.9974	0.0000
2023-07-17T15:09:45	1	0	2	2	0	0.9651	0.9659	0.0008	0.9726	0.9733	-0.0007
2023-07-17T15:13:41	1	0	69	65	4	0.9366	0.9372	0.0006	0.9896	0.9897	-0.0001
2023-07-17T15:14:42	1	0	49	34	15	0.9406	0.9407	0.0001	0.9512	0.956	-0.0048
2023-07-17T15:15:34	1	0	180	178	2	0.9164	0.9142	-0.0022	0.9706	0.9708	-0.0002
2023-07-17T15:16:31	1	0	9	10	-1	0.9405	0.9521	0.0117	0.9934	0.9937	-0.0003
2023-07-17T15:17:32	1	0	3	3	0	0.9893	0.9899	0.0005	0.9964	0.9965	-0.0001
2023-07-17T15:19:41	1	0	47	46	1	0.9345	0.9345	0.0000	0.9834	0.9835	-0.0001
2023-07-17T15:22:42	1	0	2	2	0	0.9934	0.9936	0.0002	0.9955	0.9955	0.0000
2023-07-17T15:22:56	1	0	79	79	0	0.9399	0.9399	0.0001	0.9996	0.9996	0.0000
2023-07-17T15:24:04	3	0	1	0	1	0.9441	null	null	-0.9683	-0.9677	-0.0006
2023-07-17T15:24:46	1	0	2	2	0	0.9670	0.9676	0.0006	0.973	0.9736	-0.0006
2023-07-17T15:27:56	1	0	44	44	0	0.9403	0.9401	-0.0003	0.8866	0.8872	-0.0006
2023-07-17T15:28:42	1	0	49	49	0	0.9503	0.9507	0.0003	0.9933	0.9925	0.0008
2023-07-17T15:30:35	1	0	141	140	1	0.9179	0.9181	0.0001	0.9761	0.9762	-0.0001
2023-07-17T15:34:42	1	0	101	86	15	0.9321	0.9324	0.0004	0.9825	0.9828	-0.0003
2023-07-17T15:37:33	1	0	190	187	3	0.9025	0.9032	0.0007	0.9752	0.9754	-0.0002
2023-07-17T15:39:05	1	0	1	0	1	0.9436	null	null	-0.9689	-0.9677	-0.0012
2023-07-17T15:42:57	1	0	35	35	0	0.9400	0.9401	0.0001	0.8863	0.8868	-0.0005
2023-07-17T15:43:51	1	0	37	36	1	0.9363	0.9369	0.0006	0.9914	0.9914	0.0000
2023-07-17T15:45:10	1	0	15	14	1	1.0467	1.0539	0.0072	0.9977	0.9978	-0.0001
2023-07-17T15:49:13	1	0	4	3	1	0.9940	1.0455	0.0516	0.9936	0.9937	-0.0001
2023-07-17T15:52:34	1	0	209	208	1	0.9164	0.9167	0.0003	0.9739	0.9739	0.0000
2023-07-17T15:54:06	1	0	2	2	0	0.9944	0.9950	0.0006	-0.9684	-0.9674	-0.0010
2023-07-17T16:02:20	1	0	10	10	0	0.9504	0.9504	0.0000	0.9999	0.9999	0.0000
2023-07-17T16:05:47	1	0	252	252	0	1.0696	1.0695	-0.0001	0.9837	0.9837	0.0000
2023-07-17T16:19:50	1	0	2	2	0	0.9636	0.9634	-0.0002	1	0.9999	0.0001
2023-07-17T16:29:56	1	0	130	132	-2	0.9286	0.9286	0.0000	0.9847	0.9848	-0.0001
2023-07-17T16:37:45	1	0	2	2	0	0.9855	0.9854	-0.0002	-0.9986	-0.9986	0.0000
2023-07-17T16:44:14	1	0	81	80	1	0.9277	0.9279	0.0002	0.992	0.9921	-0.0001
2023-07-17T16:47:41	1	0	1	1	0	0.9431	0.9435	0.0004	0.9975	0.9975	0.0000
2023-07-17T16:49:17	1	0	5	5	0	1.0251	1.0253	0.0002	0.9869	0.987	-0.0001
2023-07-17T17:06:09	1	0	90	90	0	0.9377	0.9377	0.0000	0.9803	0.9801	0.0002
2023-07-17T17:33:36	1	0	8	8	0	0.9412	0.9412	0.0000	0.9919	0.9917	0.0002
2023-07-17T17:40:55	1	0	1	1	0	1.0361	1.0361	0.0000	-0.9908	-0.9908	0.0000
2023-07-17T17:50:54	1	0	253	253	0	1.0681	1.0681	-0.0001	0.9846	0.9846	0.0000
2023-07-17T18:01:26	1	0	26	26	0	0.9409	0.9410	0.0001	-1	-1	0.0000
2023-07-17T18:20:56	1	0	277	277	0	1.0690	1.0690	0.0000	0.9872	0.9872	0.0000
2023-07-18T08:07:34	2	0	6	6	0	0.9800	0.9800	0.0000	0.99	0.9903	-0.0003
2023-07-18T08:09:03	2	0	116	116	0	0.9298	0.9299	0.0001	0.9493	0.9494	-0.0001
2023-07-18T08:12:14	2	0	1	1	0	1.0349	1.0349	0.0000	-0.9985	-0.9983	-0.0002
2023-07-18T08:19:14	2	0	1	1	0	1.0324	1.0319	-0.0005	0.9994	0.9994	0.0000
2023-07-18T08:22:17	2	0	458	458	0	1.0745	1.0745	0.0000	0.9781	0.9781	0.0000
2023-07-18T08:30:21	2	0	156	154	2	1.0567	1.0565	-0.0002	-0.9997	-0.9997	0.0000
2023-07-18T08:34:15	2	0	4	4	0	1.0292	1.0289	-0.0003	0.9997	0.9997	0.0000
2023-07-18T08:35:05	2	0	255	255	0	1.0235	1.0231	-0.0004	0.9839	0.9839	0.0000
2023-07-18T08:41:00	2	0	5	5	0	1.0502	1.0502	0.0000	0.9991	0.9991	0.0000
2023-07-18T08:42:23	2	0	5	5	0	0.9409	0.9412	0.0003	-0.9992	-0.9991	-0.0001
2023-07-18T08:51:58	2	0	4	4	0	0.9136	0.9139	0.0003	0.94	0.94	0.0000
2023-07-18T08:53:25	2	0	149	149	0	1.0568	1.0568	-0.0001	0.9871	0.9871	0.0000
2023-07-18T08:56:01	2	0	5	5	0	1.0469	1.0469	0.0000	0.9976	0.9976	0.0000
2023-07-18T09:01:10	2	0	5	5	0	1.0263	1.0263	0.0000	-0.9921	-0.992	-0.0001
2023-07-18T09:05:03	2	0	1	1	0	0.9448	0.9448	0.0000	0.9958	0.9957	0.0001
2023-07-18T09:15:41	2	0	1	1	0	0.9428	0.9431	0.0003	0.9956	0.9957	-0.0001
2023-07-18T09:25:56	2	0	2	2	0	0.9764	0.9766	0.0002	0.9218	0.9219	-0.0001
2023-07-18T09:27:17	2	0	2	2	0	1.0349	1.0347	-0.0002	-0.9996	-0.9996	0.0000
2023-07-18T09:34:38	2	0	2	2	0	1.0179	1.0176	-0.0003	-0.9609	-0.9603	-0.0006
2023-07-18T09:35:57	2	0	4	4	0	0.9684	0.9687	0.0003	-0.9997	-0.9997	0.0000
2023-07-18T09:41:00	2	0	13	13	0	1.0337	1.0337	0.0001	-0.9982	-0.9982	0.0000
2023-07-18T09:41:02	4	0	14	14	0	1.0473	1.0470	-0.0002	-0.9992	-0.9992	0.0000
2023-07-18T09:46:29	2	0	92	91	1	0.9323	0.9326	0.0003	0.9895	0.9895	0.0000
2023-07-18T09:51:20	2	0	1	1	0	0.8440	0.8443	0.0003	0.9923	0.9923	0.0000
2023-07-18T09:54:19	2	0	63	63	0	0.9248	0.9251	0.0003	0.9999	0.9999	0.0000
2023-07-18T09:55:36	2	0	2	2	0	1.0278	1.0276	-0.0002	0.9941	0.994	0.0001
2023-07-18T09:55:58	2	0	114	111	3	1.0594	1.0594	-0.0001	0.9969	0.9969	0.0000
2023-07-18T09:56:03	2	0	42	40	2	1.0546	1.0545	-0.0001	-0.9997	-0.9997	0.0000
2023-07-18T10:05:26	2	0	1	1	0	0.9433	0.9441	0.0008	0.9864	0.9865	-0.0001
2023-07-18T10:06:03	2	0	11	11	0	1.0487	1.0487	0.0000	0.9962	0.9962	0.0000
2023-07-18T10:07:46	2	0	43	41	2	0.9469	0.9472	0.0003	0.9802	0.9801	0.0001
2023-07-18T10:11:04	2	0	34	33	1	1.0530	1.0527	-0.0004	-0.9999	-0.9999	0.0000
2023-07-18T10:11:23	2	0	3	3	0	1.0206	1.0200	-0.0005	0.996	0.9959	0.0001
2023-07-18T10:14:39	2	0	22	22	0	0.9410	0.9411	0.0001	0.8952	0.8955	-0.0003

2023-07-18T10:15:22	2	0	9	9	0	0.9416	0.9417	0.0001	0.9199	0.9199	0.0000
2023-07-18T10:15:35	2	0	9	9	0	1.0190	1.0189	0.0000	0.9997	0.9997	0.0000
2023-07-18T10:19:23	2	0	3	3	0	0.9983	0.9981	-0.0002	0.9945	0.9944	0.0001
2023-07-18T10:21:12	2	0	2	2	0	1.0408	1.0407	-0.0001	0.9991	0.9991	0.0000
2023-07-18T10:21:26	2	0	1	0	1	1.0201	null	null	-0.996	-0.9963	0.0003
2023-07-18T10:22:29	2	0	1	1	0	1.0393	1.0386	-0.0007	0.9989	0.9989	0.0000
2023-07-18T10:22:47	2	0	73	73	0	0.9406	0.9405	0.0000	0.9814	0.9812	0.0002
2023-07-18T10:24:14	2	0	115	112	3	0.9285	0.9277	-0.0007	0.9566	0.9567	-0.0001
2023-07-18T10:24:43	2	0	19	18	1	1.0420	1.0412	-0.0008	0.9351	0.935	0.0001
2023-07-18T10:24:58	2	0	2	2	0	0.9621	0.9624	0.0003	0.9642	0.9645	-0.0003
2023-07-18T10:26:24	2	0	3	3	0	1.0206	1.0200	-0.0006	0.9962	0.996	0.0002
2023-07-18T10:26:29	2	0	2	2	0	1.0304	1.0301	-0.0003	0.9996	0.9996	0.0000
2023-07-18T10:29:34	2	0	1	0	1	1.0453	null	null	-1	-1	0.0000
2023-07-18T10:31:48	2	0	629	625	4	0.9404	0.9406	0.0002	0.9887	0.9888	-0.0001
2023-07-18T10:33:49	2	0	49	49	0	1.0538	1.0537	-0.0001	-0.9973	-0.9973	0.0000
2023-07-18T10:36:27	2	0	1	1	0	1.0196	1.0192	-0.0004	-0.9963	-0.9966	0.0003
2023-07-18T10:37:05	2	0	3	3	0	0.9561	0.9562	0.0001	0.942	0.9422	-0.0002
2023-07-18T10:38:03	2	0	2	2	0	0.9977	0.9973	-0.0005	0.9676	0.9675	0.0001
2023-07-18T10:38:32	2	0	10	10	0	1.0325	1.0322	-0.0003	-0.9954	-0.9955	0.0001
2023-07-18T10:39:15	2	0	73	72	1	0.9411	0.9412	0.0001	0.9642	0.9641	0.0001
2023-07-18T10:41:06	2	0	17	15	2	1.0495	1.0495	0.0000	1	0.9999	0.0001
2023-07-18T10:41:25	2	0	1	1	0	1.0036	1.0024	-0.0012	0.9884	0.9888	-0.0004
2023-07-18T10:44:03	2	0	102	102	0	0.9086	0.9092	0.0006	0.9872	0.9875	-0.0003
2023-07-18T10:45:36	2	0	2	2	0	1.0082	1.0084	0.0002	0.9882	0.9881	0.0001
2023-07-18T10:46:13	2	0	1	1	0	0.9866	0.9870	0.0004	0.9996	0.9996	0.0000
2023-07-18T10:50:22	2	0	1	1	0	0.9432	0.9440	0.0008	0.9999	0.9999	0.0000
2023-07-18T10:54:42	2	0	3	3	0	0.9518	0.9528	0.0010	-0.9989	-0.9988	-0.0001
2023-07-18T10:56:07	2	0	23	21	2	1.0512	1.0512	0.0000	0.9999	0.9997	0.0002
2023-07-18T10:57:34	2	0	1	1	0	1.0241	1.0233	-0.0008	0.9969	0.9968	0.0001
2023-07-18T10:59:04	2	0	85	83	2	0.9220	0.9225	0.0005	0.9958	0.9959	-0.0001
2023-07-18T11:00:07	2	0	16	16	0	1.0548	1.0548	0.0000	-0.9922	-0.9925	0.0003
2023-07-18T11:00:37	4	0	3	3	0	0.9874	0.9881	0.0007	0.9854	0.9855	-0.0001
2023-07-18T11:00:38	2	0	6	6	0	1.0196	1.0195	-0.0001	0.9998	0.9998	0.0000
2023-07-18T11:06:07	2	0	13	13	0	1.0326	1.0325	-0.0001	0.9963	0.9963	0.0000
2023-07-18T11:07:25	2	0	19	18	1	1.0507	1.0503	-0.0005	0.9271	0.927	0.0001
2023-07-18T11:09:43	2	0	1	1	0	0.9586	0.9600	0.0014	-0.9985	-0.9984	-0.0001
2023-07-18T11:09:46	2	0	18	17	1	1.0411	1.0401	-0.0010	0.9327	0.9326	0.0001
2023-07-18T11:10:48	2	0	3	0	3	1.0487	null	null	-0.9032	-0.904	0.0008
2023-07-18T11:11:34	2	0	2	2	0	1.0592	1.0590	-0.0002	0.9853	0.9851	0.0002
2023-07-18T11:12:25	2	0	1	0	1	0.9448	null	null	0.9987	0.9987	0.0000
2023-07-18T11:13:29	2	0	1	1	0	1.0576	1.0571	-0.0005	0.9752	0.975	0.0002
2023-07-18T11:15:05	2	0	49	48	1	0.9549	0.9526	-0.0023	0.9564	0.9538	0.0026
2023-07-18T11:15:38	2	0	4	4	0	0.9780	0.9782	0.0002	0.9868	0.9852	0.0016
2023-07-18T11:19:02	2	0	1	1	0	1.0055	1.0046	-0.0009	-0.9939	-0.9939	0.0000
2023-07-18T11:21:45	2	0	1	1	0	0.9426	0.9436	0.0010	-0.9984	-0.9988	0.0004
2023-07-18T11:22:03	2	0	3	3	0	0.9323	0.9327	0.0004	0.999	0.999	0.0000
2023-07-18T11:23:39	2	0	1	1	0	0.9444	0.9446	0.0002	0.9255	0.926	-0.0005
2023-07-18T11:24:10	2	0	85	84	1	0.9393	0.9394	0.0001	0.9986	0.9986	0.0000
2023-07-18T11:24:44	2	0	2	2	0	0.9984	0.9989	0.0005	-0.999	-0.999	0.0000
2023-07-18T11:25:49	2	0	1	1	0	1.0553	1.0550	-0.0003	-0.8835	-0.8842	0.0007
2023-07-18T11:26:16	2	0	5	5	0	1.0370	1.0365	-0.0005	0.9949	0.9949	0.0000
2023-07-18T11:27:34	2	0	21	21	0	0.9443	0.9443	0.0000	-0.9999	-0.9999	0.0000
2023-07-18T11:41:44	3	0	360	360	0	1.0713	1.0711	-0.0002	0.9741	0.974	0.0001
2023-07-18T11:50:21	2	0	421	421	0	1.0739	1.0738	-0.0001	0.9763	0.9762	0.0001
2023-07-18T12:00:47	2	0	387	387	0	1.0725	1.0725	0.0000	0.9714	0.9714	0.0000
2023-07-18T12:33:57	2	0	41	40	1	1.0526	1.0526	-0.0001	-0.9976	-0.9976	0.0000
2023-07-18T12:37:29	2	0	620	620	0	1.0713	1.0713	0.0000	0.9822	0.9822	0.0000
2023-07-18T12:52:27	2	0	4	4	0	0.9812	0.9814	0.0001	0.9616	0.9616	0.0000
2023-07-18T13:26:39	2	0	2	2	0	1.0020	1.0023	0.0003	0.9805	0.9807	-0.0002
2023-07-18T13:31:10	2	0	269	269	0	0.9085	0.9086	0.0001	0.9595	0.9595	0.0000
2023-07-18T13:44:18	2	0	102	101	1	0.9067	0.9067	0.0000	0.9939	0.994	-0.0001
2023-07-18T14:01:46	2	0	129	129	0	0.9198	0.9198	0.0000	0.9865	0.9866	-0.0001
2023-07-18T14:02:36	2	0	3	3	0	1.0588	1.0586	-0.0001	-0.9987	-0.9988	0.0001
2023-07-18T14:11:24	4	0	6	6	0	1.0298	1.0298	0.0000	0.9996	0.9999	-0.0003
2023-07-18T14:11:33	2	0	233	233	0	0.9839	0.9840	0.0001	0.9875	0.9875	0.0000
2023-07-18T14:11:36	4	0	228	225	3	1.0853	1.0853	0.0000	0.9987	0.9987	0.0000
2023-07-18T14:12:06	2	0	1	0	1	0.9447	null	null	0.993	0.9928	0.0002
2023-07-18T14:22:02	2	0	1	1	0	0.9253	0.9257	0.0004	-0.9999	-0.9999	0.0000
2023-07-18T14:22:21	2	0	7	7	0	0.9417	0.9421	0.0004	0.9964	0.9964	0.0000
2023-07-18T14:24:57	2	0	1	0	1	1.0234	null	null	0.9934	0.9934	0.0000
2023-07-18T14:26:13	2	0	20	19	1	1.0485	1.0482	-0.0004	-0.9796	-0.9795	-0.0001
2023-07-18T14:26:28	2	0	2	2	0	1.0347	1.0341	-0.0007	0.996	0.996	0.0000
2023-07-18T14:27:24	2	0	9	9	0	0.9698	0.9700	0.0002	0.9979	0.9979	0.0000
2023-07-18T14:27:39	2	0	46	45	1	0.9458	0.9444	-0.0014	0.9955	0.9955	0.0000
2023-07-18T14:28:37	2	0	3	3	0	1.0312	1.0305	-0.0007	0.999	0.9989	0.0001
2023-07-18T14:29:56	2	0	89	83	6	0.9393	0.9384	-0.0008	0.8828	0.8843	-0.0015
2023-07-18T14:30:16	2	0	1	1	0	0.9894	0.9898	0.0004	0.9576	0.9577	-0.0001
2023-07-18T14:31:32	2	0	1	1	0	0.9592	0.9598	0.0006	0.9848	0.9849	-0.0001
2023-07-18T14:32:04	4	0	1427	1431	-4	0.9057	0.9060	0.0003	0.9851	0.9851	0.0000
2023-07-18T14:36:37	2	0	123	119	4	0.9254	0.9182	-0.0072	0.9887	0.9888	-0.0001
2023-07-18T14:39:57	4	0	77	76	1	0.9362	0.9368	0.0005	-0.9995	-0.9995	0.0000
2023-07-18T14:43:38	2	0	3	3	0	1.0325	1.0322	-0.0003	0.9985	0.9984	0.0001
2023-07-18T14:48:13	2	0	4	4	0	0.9461	0.9476	0.0015	0.9997	0.9997	0.0000
2023-07-18T14:59:58	2	0	62	62	0	0.9399	0.9401	0.0002	0.8877	0.8888	-0.0011
2023-07-18T15:00:53	2	0	13	13	0	0.9569	0.9572	0.0003	0.994	0.9941	-0.0001

2023-07-18T15:01:45	2	0	69	65	4	0.9308	0.9308	0.0000	0.9465	0.9468	-0.0003
2023-07-18T15:04:18	2	0	7	7	0	0.9497	0.9498	0.0001	-1	-1	0.0000
2023-07-18T15:04:37	2	0	4	4	0	0.9757	0.9759	0.0002	0.9991	0.9991	0.0000
2023-07-18T15:06:34	2	0	3	2	1	1.0357	1.0352	-0.0004	0.998	0.9979	0.0001
2023-07-18T15:12:27	2	0	9	9	0	0.9674	0.9673	0.0000	0.9973	0.9972	0.0001
2023-07-18T15:14:59	2	0	47	43	4	0.9406	0.9397	-0.0009	0.8871	0.888	-0.0009
2023-07-18T15:15:54	2	0	10	10	0	0.9611	0.9614	0.0002	0.9954	0.9954	0.0000
2023-07-18T15:25:34	2	0	6	6	0	1.0247	1.0244	-0.0003	0.9939	0.9939	0.0000
2023-07-18T15:27:43	2	0	85	85	0	0.9377	0.9379	0.0002	0.9951	0.995	0.0001
2023-07-18T15:30:00	2	0	37	37	0	0.9397	0.9397	0.0001	0.8898	0.8902	-0.0004
2023-07-18T15:30:55	2	0	46	46	0	0.9494	0.9499	0.0005	0.9934	0.9925	0.0009
2023-07-18T15:38:28	2	0	5	5	0	0.9455	0.9461	0.0005	0.9834	0.9835	-0.0001
2023-07-18T15:39:42	2	0	8	8	0	0.9765	0.9761	-0.0004	-0.999	-0.9991	0.0001
2023-07-18T15:45:01	2	0	39	39	0	0.9413	0.9414	0.0001	0.8846	0.885	-0.0004
2023-07-18T15:46:48	2	0	27	27	0	0.9390	0.9390	0.0001	0.9427	0.9429	-0.0002
2023-07-18T15:47:20	2	0	12	12	0	1.0459	1.0459	0.0000	0.9998	0.9998	0.0000
2023-07-18T15:56:43	2	0	156	156	0	1.0831	1.0831	0.0000	0.9958	0.9958	0.0000
2023-07-18T16:02:35	2	0	123	122	1	1.0489	1.0489	0.0000	0.9602	0.9602	0.0000
2023-07-18T16:11:47	2	0	2	2	0	0.9433	0.9436	0.0003	0.9901	0.9897	0.0004
2023-07-18T16:56:36	1	0	129	122	7	1.0583	1.0583	-0.0001	0.9814	0.9813	0.0001
2023-07-18T17:02:49	2	0	65	63	2	0.9418	0.9425	0.0007	0.9819	0.982	-0.0001
2023-07-18T17:13:27	2	0	1	1	0	0.9407	0.9407	0.0000	0.9765	0.9764	0.0001
2023-07-18T18:18:27	2	0	28	27	1	0.9424	0.9423	0.0000	-0.9999	-0.9999	0.0000
2023-07-19T10:39:50	1	0	4	4	0	1.0180	1.0179	-0.0001	-0.9988	-0.9988	0.0000
2023-07-19T10:39:54	1	0	3	3	0	0.9865	0.9866	0.0001	0.9903	0.9925	-0.0022
2023-07-19T10:40:35	1	0	1	1	0	0.9252	0.9265	0.0013	0.9997	0.9997	0.0000
2023-07-19T10:40:47	1	0	98	95	3	0.9376	0.9380	0.0005	0.9983	0.9983	0.0000
2023-07-19T10:41:06	1	0	409	391	18	0.9420	0.9422	0.0002	0.9906	0.9913	-0.0007
2023-07-19T10:41:38	1	0	79	75	4	0.9154	0.9154	0.0000	0.9742	0.975	-0.0008
2023-07-19T10:42:54	1	0	7	7	0	0.9948	0.9949	0.0001	0.9747	0.9748	-0.0001
2023-07-19T10:43:02	1	0	4	4	0	0.9371	0.9372	0.0001	0.9834	0.9835	-0.0001
2023-07-19T10:44:03	1	0	3	3	0	1.0360	1.0357	-0.0003	-0.9601	-0.9597	-0.0004
2023-07-19T10:45:14	1	0	6	6	0	1.0181	1.0175	-0.0006	-0.9996	-0.9996	0.0000
2023-07-19T10:45:23	1	0	16	15	1	0.9746	0.9767	0.0021	0.9963	0.9963	0.0000
2023-07-19T10:45:51	1	0	1	1	0	1.0206	1.0197	-0.0009	-0.9904	-0.9913	0.0009
2023-07-19T10:46:33	1	0	1	0	1	1.0315	null	null	0.9771	0.9761	0.0010
2023-07-19T10:46:46	1	0	1	1	0	1.0572	1.0561	-0.0011	0.9751	0.975	0.0001
2023-07-19T10:47:05	1	0	81	78	3	0.9396	0.9399	0.0004	0.9834	0.9833	0.0001
2023-07-19T10:47:49	1	0	78	70	8	1.0459	1.0475	0.0015	0.9768	0.9766	0.0002
2023-07-19T10:48:17	1	0	13	12	1	1.0081	1.0136	0.0055	-0.9997	-0.9996	-0.0001
2023-07-19T10:48:40	1	0	1	1	0	0.9359	0.9364	0.0005	-1	-1	0.0000
2023-07-19T10:48:55	1	0	1	1	0	1.0307	1.0304	-0.0003	0.996	0.996	0.0000
2023-07-19T10:50:34	1	0	1	1	0	0.9417	0.9426	0.0009	-0.9999	-0.9999	0.0000
2023-07-19T10:51:48	1	0	20	12	8	0.9421	0.9423	0.0002	-0.9999	-0.9997	-0.0002
2023-07-19T10:52:41	1	0	2	2	0	1.0327	1.0320	-0.0007	-0.9993	-0.9994	0.0001
2023-07-19T10:53:22	1	0	101	101	0	0.9081	0.9093	0.0012	0.9942	0.9944	-0.0002
2023-07-19T10:53:48	1	0	4	4	0	1.0506	1.0502	-0.0004	0.9998	0.9998	0.0000
2023-07-19T10:54:11	1	0	1	1	0	1.0574	1.0570	-0.0004	0.9815	0.9813	0.0002
2023-07-19T10:54:35	1	0	10	10	0	1.0306	1.0305	-0.0001	0.9628	0.9628	0.0000
2023-07-19T10:54:51	1	0	5	5	0	1.0212	1.0211	0.0000	-0.9991	-0.9991	0.0000
2023-07-19T10:58:34	1	0	7	7	0	0.9610	0.9614	0.0003	0.9992	0.9992	0.0000
2023-07-19T10:58:41	1	0	2	2	0	1.0281	1.0259	-0.0022	-0.9687	-0.9692	0.0005
2023-07-19T11:00:52	1	0	1	1	0	1.0215	1.0211	-0.0004	-0.9951	-0.9954	0.0003
2023-07-19T11:01:03	1	0	2	2	0	1.0346	1.0344	-0.0002	-0.9996	-0.9996	0.0000
2023-07-19T11:01:22	1	0	8	7	1	1.0460	1.0459	-0.0001	1	1	0.0000
2023-07-19T11:02:06	1	0	61	55	6	0.9477	0.9481	0.0004	0.9846	0.9846	0.0000
2023-07-19T11:02:50	1	0	57	55	2	1.0192	1.0187	-0.0005	0.9721	0.9721	0.0000
2023-07-19T11:03:30	1	0	1	0	1	1.0561	null	null	0.9782	0.978	0.0002
2023-07-19T11:04:03	1	0	22	21	1	1.0418	1.0409	-0.0009	0.9486	0.9485	0.0001
2023-07-19T11:04:20	1	0	3	3	0	0.9489	0.9493	0.0004	0.97	0.9703	-0.0003
2023-07-19T11:05:35	1	0	1	1	0	0.9361	0.9365	0.0004	-0.9999	-0.9998	-0.0001
2023-07-19T11:06:28	1	0	8	8	0	0.9724	0.9723	-0.0001	0.9994	0.9994	0.0000
2023-07-19T11:07:42	1	0	2	2	0	1.0342	1.0339	-0.0003	-0.9989	-0.999	0.0001
2023-07-19T11:08:23	1	0	94	93	1	0.9146	0.9153	0.0007	0.9948	0.9949	-0.0001
2023-07-19T11:08:49	1	0	4	4	0	1.0521	1.0518	-0.0004	0.9999	0.9998	0.0001
2023-07-19T11:11:13	1	0	529	529	0	1.0708	1.0704	-0.0004	0.9705	0.9703	0.0002
2023-07-19T11:13:42	1	0	2	2	0	1.0274	1.0255	-0.0019	-0.9709	-0.9713	0.0004
2023-07-19T11:18:31	1	0	1	1	0	1.0582	1.0578	-0.0004	0.9852	0.9851	0.0001
2023-07-19T11:19:04	1	0	28	26	2	1.0433	1.0427	-0.0006	0.9473	0.9472	0.0001
2023-07-19T11:20:49	1	0	5	5	0	1.0461	1.0459	-0.0002	-0.9993	-0.9994	0.0001
2023-07-19T11:21:29	1	0	8	8	0	0.9760	0.9760	-0.0001	0.9997	0.9997	0.0000
2023-07-19T11:23:24	1	0	89	86	3	0.9186	0.9190	0.0004	0.9972	0.9973	-0.0001
2023-07-19T11:24:59	1	0	54	53	1	0.9532	0.9541	0.0009	0.99	0.9874	0.0026
2023-07-19T11:26:41	1	0	161	161	0	0.9249	0.9249	0.0000	0.9719	0.972	-0.0001
2023-07-19T11:30:26	1	0	1	0	1	0.9445	null	null	0.9964	0.9965	-0.0001
2023-07-19T11:33:43	1	0	16	13	3	0.9752	0.9664	-0.0088	-0.9938	-0.994	0.0002
2023-07-19T11:38:56	1	0	49	43	6	0.9417	0.9408	-0.0009	0.8934	0.8944	-0.0010
2023-07-19T11:40:07	1	0	1	1	0	1.0321	1.0314	-0.0007	0.9988	0.9988	0.0000
2023-07-19T11:40:33	1	0	1	1	0	0.9798	0.9802	0.0004	0.9995	0.9995	0.0000
2023-07-19T11:40:51	1	0	18	18	0	0.9577	0.9577	0.0000	0.9982	0.9982	0.0000
2023-07-19T11:46:25	1	0	3	3	0	1.0114	1.0115	0.0001	0.9987	0.9987	0.0000
2023-07-19T11:51:39	1	0	15	15	0	0.9599	0.9598	-0.0002	0.9978	0.9978	0.0000
2023-07-19T11:52:01	1	0	8	10	-2	0.9393	0.9398	0.0005	-0.9991	-0.9992	0.0001
2023-07-19T11:53:02	1	0	15	15	0	1.0502	1.0502	0.0000	-1	-1	0.0000
2023-07-19T12:25:19	1	0	1	1	0	1.0280	1.0280	0.0000	0.9994	0.9994	0.0000

2023-07-19T12:34:17	1	0	8	10	-2	1.0284	1.0328	0.0044	0.9351	0.935	0.0001
2023-07-21T08:02:34	1	0	133	133	0	1.0554	1.0554	0.0000	0.9351	0.935	0.0001
2023-07-21T08:04:37	1	0	290	290	0	0.8887	0.8887	0.0000	0.863	0.863	0.0000
2023-07-21T08:05:03	1	0	2	2	0	1.0283	1.0282	-0.0002	-0.9752	-0.9754	0.0002
2023-07-21T09:25:46	1	0	13	12	1	0.9472	0.9476	0.0004	0.9886	0.9886	0.0000
2023-07-21T09:28:00	1	0	4	4	0	1.0257	1.0255	-0.0002	0.9905	0.9904	0.0001
2023-07-21T09:39:28	1	0	2	2	0	0.9810	0.9811	0.0001	-0.9999	-0.9999	0.0000
2023-07-21T09:45:29	1	0	4	4	0	1.0037	1.0036	-0.0001	0.994	0.9939	0.0001
2023-07-21T09:48:15	1	0	2	3	-1	0.9848	0.9716	-0.0132	0.959	0.9594	-0.0004
2023-07-21T09:53:08	1	0	4	4	0	1.0431	1.0429	-0.0003	-0.9985	-0.9985	0.0000
2023-07-21T09:57:21	1	0	1	1	0	1.0157	1.0150	-0.0007	0.9841	0.984	0.0001
2023-07-21T10:07:24	1	0	1	1	0	1.0361	1.0355	-0.0006	-0.9975	-0.9976	0.0001
2023-07-21T10:08:36	1	0	138	138	0	0.9215	0.9216	0.0000	0.9904	0.9904	0.0000
2023-07-21T10:09:38	1	0	8	8	0	1.0200	1.0200	0.0000	-1	-1	0.0000
2023-07-21T10:15:48	1	0	2	2	0	1.0302	1.0300	-0.0002	0.9817	0.9816	0.0001
2023-07-21T10:18:17	1	0	24	19	5	0.9408	0.9413	0.0005	0.9502	0.9504	-0.0002
2023-07-21T10:20:06	1	0	103	95	8	1.0590	1.0588	-0.0001	0.9954	0.9932	0.0022
2023-07-21T10:21:13	1	0	10	10	0	0.9961	0.9961	0.0000	-0.9997	-0.9997	0.0000
2023-07-21T10:21:25	1	0	1	1	0	1.0132	1.0127	-0.0005	0.9999	0.9999	0.0000
2023-07-21T10:23:09	1	0	1	1	0	0.9716	0.9724	0.0008	0.9918	0.9921	-0.0003
2023-07-21T10:32:36	1	0	12	11	1	0.9799	0.9725	-0.0074	0.976	0.9759	0.0001
2023-07-21T10:33:07	1	0	7	7	0	0.9984	0.9985	0.0001	0.9769	0.977	-0.0001
2023-07-21T10:33:42	1	0	3	3	0	1.0377	1.0374	-0.0002	0.9951	0.9951	0.0000
2023-07-21T10:36:39	1	0	4	4	0	0.9397	0.9412	0.0015	0.9987	0.999	-0.0003
2023-07-21T10:45:36	1	0	4	4	0	1.0400	1.0398	-0.0002	0.9999	0.9999	0.0000
2023-07-21T10:48:45	1	0	2	2	0	1.0341	1.0340	-0.0002	0.9937	0.9937	0.0000
2023-07-21T10:51:40	1	0	3	3	0	0.9502	0.9502	0.0000	0.9984	0.9985	-0.0001
2023-07-21T10:55:05	1	0	5	5	0	1.0429	1.0429	0.0000	0.9885	0.9884	0.0001
2023-07-21T10:55:08	1	0	10	10	0	1.0124	1.0124	0.0000	0.9993	0.9993	0.0000
2023-07-21T10:56:29	1	0	180	179	1	0.9034	0.9034	0.0000	0.9759	0.976	-0.0001
2023-07-21T11:05:37	1	0	4	4	0	1.0495	1.0493	-0.0002	0.9912	0.9908	0.0004
2023-07-21T11:06:16	1	0	5	5	0	0.9881	0.9881	0.0001	-0.9999	-0.9999	0.0000
2023-07-21T11:07:28	1	0	2	2	0	1.0354	1.0350	-0.0003	-0.9989	-0.9989	0.0000
2023-07-21T11:09:07	1	0	1	1	0	0.9838	0.9842	0.0004	0.9311	0.9313	-0.0002
2023-07-21T11:11:28	1	0	2	2	0	1.0686	1.0681	-0.0006	-0.9996	-0.9996	0.0000
2023-07-21T11:14:24	1	0	1	0	1	0.9448	null	null	0.9871	0.9872	-0.0001
2023-07-21T11:18:21	1	0	122	120	2	0.9348	0.9348	0.0000	0.9715	0.9715	0.0000
2023-07-21T11:21:17	1	0	5	5	0	0.9902	0.9902	0.0000	-0.9998	-0.9998	0.0000
2023-07-21T11:21:27	1	0	2	2	0	1.0331	1.0327	-0.0004	-0.9998	-0.9998	0.0000
2023-07-21T11:22:11	1	0	10	10	0	1.0423	1.0430	0.0007	-0.9952	-0.995	-0.0002
2023-07-21T11:24:23	1	0	6	6	0	1.0185	1.0183	-0.0002	0.963	0.963	0.0000
2023-07-21T11:35:00	1	0	15	10	5	1.0500	1.0511	0.0011	0.9844	0.9842	0.0002
2023-07-21T11:47:41	1	0	63	59	4	1.0604	1.0603	-0.0001	0.9724	0.9724	0.0000
2023-07-21T11:48:38	1	0	1	1	0	1.0335	1.0328	-0.0007	0.9939	0.9896	0.0043
2023-07-21T11:50:01	1	0	31	30	1	1.0527	1.0531	0.0004	0.9881	0.988	0.0001
2023-07-21T12:41:09	1	0	1	1	0	0.9398	0.9401	0.0003	0.9817	0.9818	-0.0001
2023-07-21T12:49:01	1	0	17	17	0	1.0420	1.0419	-0.0001	0.9532	0.9532	0.0000
2023-07-21T12:49:58	1	0	295	295	0	0.8772	0.8773	0.0001	0.8735	0.8735	0.0000
2023-07-21T13:00:34	1	0	172	168	4	0.9147	0.9151	0.0004	0.9863	0.9866	-0.0003
2023-07-21T13:02:03	1	0	82	82	0	0.9394	0.9394	0.0000	0.9824	0.9822	0.0002
2023-07-21T13:35:01	1	0	277	276	1	0.8869	0.8870	0.0001	0.8891	0.8892	-0.0001
2023-07-21T13:38:50	1	0	7	7	0	0.9818	0.9819	0.0001	0.9939	0.994	-0.0001
2023-07-21T13:44:00	1	0	4	4	0	0.9984	0.9985	0.0002	0.999	0.9991	-0.0001
2023-07-21T13:49:05	1	0	12	12	0	1.0382	1.0381	-0.0002	0.951	0.9509	0.0001
2023-07-21T13:51:40	1	0	8	8	0	0.9466	0.9470	0.0003	0.9981	0.9981	0.0000
2023-07-21T13:56:14	1	0	14	14	0	0.9638	0.9645	0.0008	0.9995	0.9995	0.0000
2023-07-21T14:01:35	1	0	2	2	0	1.0501	1.0498	-0.0003	-0.9968	-0.9971	0.0003
2023-07-21T14:03:42	1	0	25	21	4	1.0468	1.0450	-0.0017	-0.9926	-0.9927	0.0001
2023-07-21T14:03:49	1	0	2	2	0	0.9843	0.9842	-0.0001	0.9903	0.9903	0.0000
2023-07-21T14:05:26	1	0	9	9	0	1.0118	1.0118	0.0000	0.9991	0.9991	0.0000
2023-07-21T14:07:41	1	0	1	1	0	1.0597	1.0594	-0.0003	0.997	0.9969	0.0001
2023-07-21T14:07:54	1	0	15	14	1	1.0414	1.0404	-0.0010	0.9589	0.9589	0.0000
2023-07-21T14:08:52	1	0	7	7	0	0.9823	0.9826	0.0002	0.9954	0.9962	-0.0008
2023-07-21T14:08:53	1	0	131	127	4	0.9197	0.9201	0.0004	0.9874	0.9875	-0.0001
2023-07-21T14:18:44	1	0	24	15	9	1.0457	1.0443	-0.0013	-0.9937	-0.9939	0.0002
2023-07-21T14:20:27	1	0	13	13	0	0.9815	0.9818	0.0002	0.9985	0.9979	0.0006
2023-07-21T14:26:28	1	0	3	3	0	0.9843	0.9844	0.0001	0.9922	0.9923	-0.0001
2023-07-21T14:28:02	1	0	22	22	0	0.9849	0.9848	-0.0001	0.9812	0.9809	0.0003
2023-07-21T14:30:32	1	0	16	15	1	0.9446	0.9447	0.0000	0.9985	0.9985	0.0000
2023-07-21T14:30:44	1	0	70	70	0	0.9345	0.9366	0.0021	0.9907	0.9914	-0.0007
2023-07-21T14:34:00	1	0	42	37	5	0.9430	0.9444	0.0014	-0.9998	-0.9998	0.0000
2023-07-21T14:34:02	1	0	6	3	3	0.9437	0.9444	0.0007	0.9957	0.9971	-0.0014
2023-07-21T14:35:38	1	0	3	3	0	1.0293	1.0280	-0.0013	-0.9868	-0.9872	0.0004
2023-07-21T14:40:15	1	0	3	3	0	0.9384	0.9385	0.0001	0.9856	0.9856	0.0000
2023-07-21T14:43:24	1	0	1	9	-8	0.9976	0.9425	-0.0551	-0.9989	-0.9999	0.0010
2023-07-21T14:48:53	1	0	105	103	2	0.9563	0.9527	-0.0037	0.977	0.9772	-0.0002
2023-07-21T14:49:01	1	0	10	8	2	0.9687	0.9693	0.0006	1	1	0.0000
2023-07-21T15:00:34	1	0	1	1	0	1.0208	1.0202	-0.0006	0.9999	0.9998	0.0001
2023-07-21T15:04:02	1	0	37	33	4	0.9446	0.9455	0.0010	-0.9997	-0.9997	0.0000
2023-07-21T15:04:24	1	0	5	5	0	0.9772	0.9774	0.0002	0.9666	0.9639	0.0027
2023-07-21T15:08:56	1	0	23	19	4	0.9715	0.9724	0.0009	0.9969	0.9975	-0.0006
2023-07-21T15:16:09	1	0	1	1	0	0.9172	0.9175	0.0003	-0.9953	-0.9952	-0.0001
2023-07-21T15:19:03	1	0	61	60	1	0.9413	0.9415	0.0003	-0.9997	-0.9997	0.0000
2023-07-21T15:19:19	1	0	5	5	0	0.9383	0.9385	0.0002	0.9981	0.9981	0.0000
2023-07-21T15:23:29	1	0	38	35	3	0.9410	0.9415	0.0005	0.9947	0.9948	-0.0001

2023-07-21T15:33:59	1	0	45	44	1	1.0476	1.0474	-0.0002	-0.993	-0.993	0.0000
2023-07-21T15:35:27	1	0	17	17	0	1.0542	1.0541	-0.0001	0.9739	0.9739	0.0000
2023-07-21T15:49:07	1	0	11	9	2	0.9432	0.9433	0.0001	0.9944	0.9945	-0.0001
2023-07-21T16:18:53	1	0	3	3	0	0.9700	0.9698	-0.0002	-0.9973	-0.9973	0.0000
2023-07-21T16:54:03	1	0	49	49	0	0.9389	0.9389	0.0001	0.9948	0.994	0.0008
2023-07-21T17:59:48	1	0	7	7	0	0.9253	0.9253	0.0000	0.9964	0.9963	0.0001
2023-07-23T07:57:58	1	0	314	314	0	1.0597	1.0597	0.0000	0.9459	0.9459	0.0000
2023-07-23T08:12:58	1	0	237	237	0	1.0590	1.0590	0.0000	0.9467	0.9467	0.0000
2023-07-23T08:22:54	1	0	1	1	0	1.0300	1.0294	-0.0006	0.9993	0.9993	0.0000
2023-07-23T08:27:44	1	0	5	5	0	0.9370	0.9373	0.0003	0.9583	0.9583	0.0000
2023-07-23T08:37:55	1	0	3	3	0	1.0288	1.0286	-0.0002	0.9982	0.9982	0.0000
2023-07-23T08:43:00	1	0	143	143	0	1.0564	1.0564	0.0000	0.946	0.9459	0.0001
2023-07-23T09:14:20	1	0	303	303	0	0.8211	0.8211	0.0000	0.8621	0.8621	0.0000
2023-07-23T09:29:41	1	0	8	8	0	1.0347	1.0345	-0.0003	-0.9987	-0.9996	0.0009
2023-07-23T09:39:04	1	0	1	1	0	0.9409	0.9415	0.0006	0.9912	0.9919	-0.0007
2023-07-23T09:45:01	1	0	1	2	-1	0.9995	0.9990	-0.0005	0.9966	0.9964	0.0002
2023-07-23T09:49:11	1	0	1	1	0	0.8193	0.8196	0.0003	0.9894	0.9895	-0.0001
2023-07-23T09:54:29	1	0	31	30	1	1.0526	1.0525	-0.0001	0.9953	0.9952	0.0001
2023-07-23T10:08:20	1	0	3	3	0	1.0375	1.0372	-0.0002	-0.9958	-0.9959	0.0001
2023-07-23T10:10:23	1	0	2	2	0	1.0378	1.0376	-0.0002	0.9777	0.9775	0.0002
2023-07-23T10:11:22	1	0	82	82	0	0.9325	0.9328	0.0003	0.9695	0.9701	-0.0006
2023-07-23T10:13:00	1	0	1	1	0	0.9199	0.9202	0.0003	-0.9746	-0.9744	-0.0002
2023-07-23T10:13:37	1	0	1	1	0	0.9790	0.9797	0.0007	0.9814	0.95	0.0314
2023-07-23T10:14:17	1	0	2	2	0	1.0428	1.0423	-0.0005	0.9967	0.9966	0.0001
2023-07-23T10:14:24	1	0	300	300	0	0.8267	0.8268	0.0001	0.8782	0.8784	-0.0002
2023-07-23T10:14:39	1	0	8	8	0	1.0382	1.0381	-0.0002	0.995	0.9919	0.0031
2023-07-23T10:14:44	1	0	3	3	0	0.9377	0.9382	0.0004	-0.9994	-0.9994	0.0000
2023-07-23T10:15:03	1	0	1	0	1	0.9996	null	null	0.989	0.989	0.0000
2023-07-23T10:18:37	1	0	4	4	0	1.0296	1.0294	-0.0002	0.9633	0.9633	0.0000
2023-07-23T10:19:15	1	0	6	6	0	1.0221	1.0221	0.0000	-0.9998	-0.9998	0.0000
2023-07-23T10:19:18	1	0	9	9	0	0.9617	0.9616	-0.0001	0.9997	0.9997	0.0000
2023-07-23T10:27:59	1	0	137	137	0	0.9142	0.9144	0.0003	0.971	0.9708	0.0002
2023-07-23T10:28:23	1	0	21	20	1	1.0430	1.0422	-0.0008	0.9565	0.9564	0.0001
2023-07-23T10:29:05	1	0	12	11	1	1.0466	1.0466	0.0000	-0.9852	-0.9851	-0.0001
2023-07-23T10:29:40	1	0	12	12	0	1.0368	1.0366	-0.0002	0.9935	0.9935	0.0000
2023-07-23T10:29:45	1	0	4	4	0	0.9364	0.9368	0.0004	-0.9999	-0.9999	0.0000
2023-07-23T10:30:07	1	0	1	1	0	1.0390	1.0386	-0.0004	-0.9991	-0.9991	0.0000
2023-07-23T10:32:03	1	0	1	1	0	1.0556	1.0552	-0.0004	0.9983	0.9983	0.0000
2023-07-23T10:32:26	1	0	3	2	1	1.0074	0.9997	-0.0077	-0.9921	-0.9916	-0.0005
2023-07-23T10:33:36	1	0	1	1	0	0.9883	0.9886	0.0003	0.9693	0.9697	-0.0004
2023-07-23T10:35:12	1	0	2	2	0	0.9398	0.9403	0.0005	0.9874	0.9875	-0.0001
2023-07-23T10:36:13	1	0	440	440	0	0.7881	0.7883	0.0002	0.9913	0.9916	-0.0003
2023-07-23T10:36:37	1	0	41	40	1	0.9467	0.9464	-0.0003	0.9624	0.9625	-0.0001
2023-07-23T10:38:43	1	0	1	1	0	0.9423	0.9429	0.0006	0.9998	0.9998	0.0000
2023-07-23T10:39:08	1	0	3	3	0	0.9395	0.9399	0.0004	0.9836	0.9846	-0.0010
2023-07-23T10:39:54	1	0	1	1	0	1.0369	1.0363	-0.0006	0.9965	0.9964	0.0001
2023-07-23T10:41:43	1	0	1	0	1	1.0556	null	null	0.9892	0.9891	0.0001
2023-07-23T10:42:59	1	0	146	146	0	0.9128	0.9128	0.0001	0.9697	0.9698	-0.0001
2023-07-23T10:43:24	1	0	18	17	1	1.0474	1.0469	-0.0006	0.9549	0.9548	0.0001
2023-07-23T10:44:06	1	0	17	17	0	1.0470	1.0470	-0.0001	-0.9866	-0.9865	-0.0001
2023-07-23T10:46:02	1	0	19	16	3	0.9452	0.9449	-0.0003	-1	-1	0.0000
2023-07-23T10:47:11	1	0	2	2	0	0.9942	0.9950	0.0008	0.9595	0.9594	0.0001
2023-07-23T10:49:17	1	0	7	7	0	1.0228	1.0227	0.0000	-1	-1	0.0000
2023-07-23T10:49:53	1	0	4	4	0	1.0348	1.0347	-0.0001	0.9961	0.9961	0.0000
2023-07-23T10:53:44	1	0	1	1	0	0.9351	0.9354	0.0003	0.9994	0.9991	0.0003
2023-07-23T10:54:33	1	0	69	68	1	1.0539	1.0537	-0.0002	0.9919	0.9916	0.0003
2023-07-23T10:55:10	1	0	4	4	0	0.9860	0.9858	-0.0003	0.9917	0.9915	0.0002
2023-07-23T10:59:42	1	0	19	19	0	1.0447	1.0446	-0.0001	0.9907	0.9906	0.0001
2023-07-23T11:00:13	1	0	5	5	0	1.0412	1.0410	-0.0002	0.9985	0.9982	0.0003
2023-07-23T11:00:51	1	0	5	5	0	1.0098	1.0097	-0.0001	-0.9996	-0.9996	0.0000
2023-07-23T11:04:21	1	0	37	37	0	0.9527	0.9528	0.0000	0.9963	0.9961	0.0002
2023-07-23T11:06:04	1	0	1	1	0	1.0460	1.0454	-0.0006	0.9813	0.9805	0.0008
2023-07-23T11:06:04	1	0	2	2	0	1.0574	1.0572	-0.0003	-0.9986	-0.9987	0.0001
2023-07-23T11:06:05	1	0	2	2	0	1.0669	1.0663	-0.0006	-0.9825	-0.9825	0.0000
2023-07-23T11:14:28	1	0	3	0	3	1.0488	null	null	-0.8602	-0.8613	0.0011
2023-07-23T11:15:14	1	0	5	5	0	1.0396	1.0395	-0.0001	0.9904	0.9902	0.0002
2023-07-23T11:24:57	1	0	1	1	0	1.0424	1.0420	-0.0004	0.9999	0.9999	0.0000
2023-07-23T11:41:02	1	0	16	16	0	1.0497	1.0496	0.0000	-0.9831	-0.9832	0.0001
2023-07-23T11:53:02	1	0	3	3	0	0.9919	0.9927	0.0008	-0.9977	-0.9976	-0.0001
2023-07-23T12:05:38	1	0	16	14	2	0.9613	0.9643	0.0030	0.9993	0.9993	0.0000
2023-07-23T12:08:03	1	0	3	3	0	0.9918	0.9921	0.0003	-0.9987	-0.9986	-0.0001
2023-07-23T12:20:39	1	0	49	49	0	0.9495	0.9498	0.0003	0.9975	0.9975	0.0000
2023-07-23T12:35:50	1	0	49	48	1	0.9348	0.9351	0.0003	0.9962	0.9955	0.0007
2023-07-23T12:52:50	1	0	51	48	3	0.9412	0.9414	0.0001	-0.9969	-0.999	0.0021
2023-07-23T13:20:11	1	0	2	2	0	0.9298	0.9300	0.0002	0.9985	0.9985	0.0000
2023-07-23T13:33:56	1	0	4	4	0	1.0570	1.0569	-0.0001	0.993	0.9983	-0.0053
2023-07-23T13:34:31	1	0	119	118	1	0.9624	0.9625	0.0001	0.9922	0.9933	-0.0011
2023-07-23T13:34:38	1	0	16	15	1	0.9536	0.9545	0.0009	-0.9987	-0.9987	0.0000
2023-07-23T13:41:24	1	0	2	2	0	1.0367	1.0363	-0.0004	-0.9999	-0.9999	0.0000
2023-07-23T13:46:12	1	0	4	4	0	1.0456	1.0455	-0.0001	-0.9937	-0.9938	0.0001
2023-07-23T13:49:32	1	0	105	106	-1	0.9411	0.9412	0.0001	0.9931	0.9932	-0.0001
2023-07-23T13:56:59	1	0	17	17	0	0.9483	0.9483	0.0000	0.9641	0.964	0.0001
2023-07-23T13:59:39	1	0	1	1	0	1.0558	1.0552	-0.0006	0.9621	0.9619	0.0002
2023-07-23T14:09:47	1	0	132	128	4	1.0581	1.0580	-0.0001	0.9987	0.9987	0.0000
2023-07-23T14:10:07	1	0	1	0	1	0.9448	null	null	-0.9998	-0.9998	0.0000

2023-07-23T14:16:13	1	0	7	7	0	0.9433	0.9435	0.0002	0.9059	0.9064	-0.0005
2023-07-23T14:18:00	1	0	1	1	0	0.9417	0.9423	0.0006	0.9896	0.9898	-0.0002
2023-07-23T14:19:34	1	0	103	105	-2	0.9433	0.9435	0.0002	0.9914	0.9915	-0.0001
2023-07-23T14:20:07	1	0	4	4	0	0.9740	0.9741	0.0001	0.9958	0.9945	0.0013
2023-07-23T14:22:55	1	0	12	12	0	0.9512	0.9513	0.0001	-0.9941	-0.9939	-0.0002
2023-07-23T14:24:29	1	0	1	1	0	0.9402	0.9406	0.0004	0.9997	0.9995	0.0002
2023-07-23T14:25:08	1	0	5	5	0	0.9563	0.9564	0.0000	0.9999	0.9999	0.0000
2023-07-23T14:26:14	1	0	3	3	0	0.9419	0.9421	0.0002	0.973	0.9729	0.0001
2023-07-23T14:28:34	1	0	2	2	0	1.0242	1.0239	-0.0004	0.9992	0.9992	0.0000
2023-07-23T14:29:42	1	0	1	1	0	1.0436	1.0430	-0.0006	-0.9692	-0.9697	0.0005
2023-07-23T14:31:05	1	0	16	16	0	0.9613	0.9612	0.0000	0.9947	0.9947	0.0000
2023-07-23T14:40:17	1	0	167	167	0	0.9012	0.9015	0.0003	0.9922	0.9923	-0.0001
2023-07-23T14:52:57	1	0	26	26	0	0.9451	0.9452	0.0001	-0.9955	-0.9953	-0.0002
2023-07-23T14:57:04	1	0	2	2	0	0.9418	0.9419	0.0002	0.9818	0.9819	-0.0001
2023-07-23T15:04:44	1	0	14	9	5	0.9541	0.9601	0.0061	-0.9998	-0.9998	0.0000
2023-07-23T15:08:15	1	0	2	2	0	1.0097	1.0099	0.0002	-0.9979	-0.9979	0.0000
2023-07-23T15:10:27	1	0	9	9	0	0.9927	0.9927	0.0000	0.9878	0.9878	0.0000
2023-07-23T15:13:37	1	0	13	10	3	0.9750	0.9850	0.0101	-0.9995	-0.9995	0.0000
2023-07-23T15:19:38	1	0	117	117	0	0.9414	0.9415	0.0001	0.9929	0.9929	0.0000
2023-07-23T15:31:09	1	0	9	9	0	0.9723	0.9723	0.0000	-0.9996	-0.9996	0.0000
2023-07-23T15:34:46	1	0	45	44	1	0.9469	0.9470	0.0001	-1	-1	0.0000
2023-07-23T15:35:33	1	0	37	36	1	0.9425	0.9425	0.0000	0.9939	0.9939	0.0000
2023-07-23T15:38:20	1	0	4	4	0	0.9686	0.9684	-0.0001	0.9892	0.9891	0.0001
2023-07-23T15:55:22	1	0	202	200	2	0.9005	0.9008	0.0003	0.9907	0.9908	-0.0001
2023-07-23T15:59:47	1	0	1	1	0	0.9425	0.9449	0.0024	-0.9638	-0.9619	-0.0019
2023-07-23T16:35:29	1	0	4	4	0	0.9541	0.9542	0.0001	0.9723	0.9724	-0.0001
2023-07-23T16:45:31	1	0	1	1	0	0.9428	0.9434	0.0006	0.9946	0.9947	-0.0001
2023-07-23T16:55:30	1	0	74	74	0	0.9256	0.9261	0.0006	0.9898	0.9898	0.0000
2023-07-23T16:59:51	1	0	59	58	1	0.9369	0.9371	0.0002	-0.976	-0.9757	-0.0003
2023-07-23T17:01:29	1	0	1	1	0	1.0322	1.0322	0.0000	-0.9908	-0.9908	0.0000
2023-07-23T17:09:16	1	0	4	4	0	0.9395	0.9395	0.0000	0.9922	0.9921	0.0001
2023-07-23T17:22:05	1	0	27	25	2	0.9423	0.9422	-0.0001	-0.9994	-0.9993	-0.0001
2023-07-23T17:54:01	1	0	4	4	0	1.0404	1.0404	0.0000	0.9874	0.9874	0.0000
2023-07-23T18:36:44	1	0	4	4	0	1.0001	1.0001	0.0000	0.9562	0.9562	0.0000
2023-07-24T08:03:38	1	0	182	182	0	1.0557	1.0557	0.0000	0.9519	0.9519	0.0000
2023-07-24T08:09:36	1	0	61	61	0	0.9408	0.9409	0.0001	-0.9983	-0.9983	0.0000
2023-07-24T08:09:58	1	0	33	33	0	0.9344	0.9344	0.0000	0.9926	0.9927	-0.0001
2023-07-24T08:13:36	1	0	4	4	0	1.0306	1.0303	-0.0003	-0.9853	-0.9841	-0.0012
2023-07-24T08:14:40	1	0	2	2	0	0.9366	0.9366	0.0000	0.9991	0.9991	0.0000
2023-07-24T08:21:35	1	0	1	1	0	1.0318	1.0318	0.0000	-0.9992	-0.9991	-0.0001
2023-07-24T08:43:38	1	0	3	3	0	1.0324	1.0321	-0.0003	-0.9889	-0.9879	-0.0010
2023-07-24T09:04:58	1	0	288	287	1	0.8853	0.8853	0.0001	0.8704	0.8704	0.0000
2023-07-24T09:09:35	1	0	8	8	0	1.0353	1.0353	-0.0001	-0.9983	-0.9983	0.0000
2023-07-24T09:13:32	1	0	1	1	0	0.9438	0.9444	0.0006	0.9987	0.9988	-0.0001
2023-07-24T09:18:30	1	0	3	3	0	0.9420	0.9425	0.0006	0.9653	0.9655	-0.0002
2023-07-24T09:21:48	1	0	2	2	0	0.9437	0.9444	0.0006	-0.9991	-0.999	-0.0001
2023-07-24T09:28:33	1	0	3	3	0	0.9415	0.9417	0.0002	0.9956	0.9957	-0.0001
2023-07-24T09:28:58	1	0	2	2	0	1.0243	1.0242	-0.0002	-0.937	-0.9363	-0.0007
2023-07-24T09:32:49	1	0	46	45	1	0.9568	0.9542	-0.0027	0.9692	0.9692	0.0000
2023-07-24T09:33:31	1	0	2	2	0	0.9742	0.9742	0.0001	0.978	0.9781	-0.0001
2023-07-24T09:35:02	1	0	51	50	1	0.9346	0.9347	0.0001	0.9184	0.9185	-0.0001
2023-07-24T09:35:27	1	0	33	29	4	1.0525	1.0522	-0.0003	-0.9999	-0.9999	0.0000
2023-07-24T09:36:36	1	0	2	2	0	1.0337	1.0335	-0.0002	-0.9984	-0.9984	0.0000
2023-07-24T09:43:15	1	0	2	2	0	1.0227	1.0222	-0.0004	0.9933	0.9933	0.0000
2023-07-24T09:50:28	1	0	32	30	2	1.0528	1.0524	-0.0004	1	1	0.0000
2023-07-24T09:53:23	1	0	106	105	1	0.9038	0.9044	0.0007	0.9925	0.9927	-0.0002
2023-07-24T09:54:21	1	0	10	10	0	1.0258	1.0258	0.0001	-0.9991	-0.9991	0.0000
2023-07-24T09:55:33	1	0	2	2	0	0.9410	0.9417	0.0007	0.9375	0.9377	-0.0002
2023-07-24T10:00:42	1	0	1	1	0	0.8343	0.8347	0.0004	0.9791	0.9791	0.0000
2023-07-24T10:02:06	1	0	76	74	2	0.9450	0.9453	0.0003	0.9766	0.9765	0.0001
2023-07-24T10:03:42	1	0	30	28	2	0.9385	0.9389	0.0004	1	1	0.0000
2023-07-24T10:04:57	1	0	17	17	0	1.0397	1.0396	-0.0001	0.9993	0.9996	-0.0003
2023-07-24T10:05:04	1	0	402	398	4	0.8919	0.8920	0.0002	0.8472	0.8475	-0.0003
2023-07-24T10:05:29	1	0	19	19	0	1.0494	1.0491	-0.0003	0.9999	0.9999	0.0000
2023-07-24T10:05:41	1	0	2	2	0	1.0048	1.0046	-0.0002	0.992	0.9919	0.0001
2023-07-24T10:07:39	1	0	2	2	0	1.0361	1.0355	-0.0006	-0.9993	-0.9994	0.0001
2023-07-24T10:09:54	1	0	4	4	0	0.9490	0.9496	0.0006	0.9934	0.9934	0.0000
2023-07-24T10:09:54	1	0	5	5	0	1.0189	1.0188	-0.0001	0.9992	0.9992	0.0000
2023-07-24T10:15:33	1	0	4	4	0	1.0446	1.0444	-0.0002	0.9987	0.9988	-0.0001
2023-07-24T10:15:48	1	0	2	2	0	1.0282	1.0279	-0.0003	0.9905	0.9904	0.0001
2023-07-24T10:17:07	1	0	96	96	0	0.9310	0.9313	0.0003	0.9765	0.9765	0.0000
2023-07-24T10:18:34	1	0	1	2	-1	0.9227	0.9890	0.0663	0.9804	0.9805	-0.0001
2023-07-24T10:19:00	1	0	1	1	0	1.0370	1.0365	-0.0005	0.9957	0.9956	0.0001
2023-07-24T10:19:04	1	0	29	29	0	1.0447	1.0442	-0.0005	0.9565	0.9564	0.0001
2023-07-24T10:20:05	1	0	520	519	1	0.8758	0.8757	-0.0001	0.8412	0.8414	-0.0002
2023-07-24T10:20:16	1	0	15	15	0	0.9374	0.9380	0.0006	-0.9851	-0.9848	-0.0003
2023-07-24T10:20:30	1	0	19	19	0	1.0493	1.0490	-0.0003	0.9997	0.9997	0.0000
2023-07-24T10:20:42	1	0	1	1	0	1.0058	1.0049	-0.0009	0.9911	0.9909	0.0002
2023-07-24T10:22:35	1	0	7	8	-1	1.0267	1.0280	0.0012	0.954	0.9539	0.0001
2023-07-24T10:24:55	1	0	54	53	1	0.9302	0.9309	0.0007	0.9908	0.9898	0.0010
2023-07-24T10:27:19	1	0	34	34	0	0.9509	0.9509	0.0001	0.961	0.9613	-0.0003
2023-07-24T10:27:59	1	0	7	7	0	0.9423	0.9424	0.0001	0.9832	0.9833	-0.0001
2023-07-24T10:31:05	1	0	1	1	0	0.9371	0.9377	0.0006	0.9964	0.9965	-0.0001
2023-07-24T10:33:35	1	0	1	2	-1	0.9257	0.9906	0.0649	0.9778	0.978	-0.0002
2023-07-24T10:34:22	1	0	2	2	0	0.9625	0.9629	0.0003	0.9763	0.9766	-0.0003

2023-07-24T10:34:46	1	0	6	4	2	1.0455	1.0452	-0.0002	-1	1	0.0000
2023-07-24T10:35:31	1	0	18	18	0	1.0336	1.0336	0.0000	0.9996	0.9996	0.0000
2023-07-24T10:35:49	1	0	1	0	1	1.0238	null	null	0.9933	0.9933	0.0000
2023-07-24T10:38:26	1	0	100	100	0	0.9008	0.9014	0.0005	0.9976	0.9977	-0.0001
2023-07-24T10:39:56	1	0	2	2	0	1.0010	1.0011	0.0000	0.9908	0.992	-0.0012
2023-07-24T10:40:53	1	0	2	2	0	0.9410	0.9414	0.0004	0.9866	0.9867	-0.0001
2023-07-24T10:42:40	1	0	2	2	0	1.0247	1.0242	-0.0005	0.9837	0.9835	0.0002
2023-07-24T10:45:35	1	0	2	2	0	1.0408	1.0407	-0.0002	-1	-1	0.0000
2023-07-24T10:47:30	1	0	1	1	0	1.0563	1.0552	-0.0011	0.9708	0.9707	0.0001
2023-07-24T10:47:54	1	0	8	8	0	1.0232	1.0231	-0.0001	0.9655	0.9644	0.0011
2023-07-24T10:48:53	1	0	15	15	0	0.9420	0.9421	0.0000	0.9676	0.9677	-0.0001
2023-07-24T10:50:32	1	0	20	20	0	1.0345	1.0345	0.0000	0.9995	0.9995	0.0000
2023-07-24T10:50:44	1	0	1	0	1	1.0029	null	null	0.9843	0.9837	0.0006
2023-07-24T10:50:53	1	0	3	3	0	1.0506	1.0503	-0.0003	0.9901	0.9897	0.0004
2023-07-24T10:51:45	1	0	19	19	0	0.9447	0.9453	0.0006	0.998	0.9981	-0.0001
2023-07-24T10:52:42	1	0	1	0	1	1.0360	null	null	-0.9996	-0.9996	0.0000
2023-07-24T10:53:27	1	0	99	99	0	0.9038	0.9042	0.0003	0.9982	0.9983	-0.0001
2023-07-24T10:54:57	1	0	20	19	1	0.9587	0.9587	0.0001	0.9894	0.9893	0.0001
2023-07-24T10:59:46	1	0	1	1	0	0.9426	0.9429	0.0003	0.9817	0.9818	-0.0001
2023-07-24T11:02:59	1	0	1	1	0	0.9443	0.9446	0.0003	0.9381	0.9384	-0.0003
2023-07-24T11:04:06	1	0	1	0	1	1.0299	null	null	0.9969	0.9969	0.0000
2023-07-24T11:05:19	1	0	16	16	0	0.9386	0.9393	0.0006	-0.9917	-0.9913	-0.0004
2023-07-24T11:05:28	1	0	1	1	0	0.9443	0.9447	0.0004	-0.9994	-0.9993	-0.0001
2023-07-24T11:05:28	1	0	14	15	-1	1.0528	1.0529	0.0001	0.9704	0.9702	0.0002
2023-07-24T11:06:33	1	0	9	9	0	0.9699	0.9701	0.0002	0.9989	0.9989	0.0000
2023-07-24T11:07:46	1	0	1	1	0	1.0570	1.0565	-0.0005	0.9976	0.9976	0.0000
2023-07-24T11:09:58	1	0	44	43	1	0.9502	0.9507	0.0005	0.9927	0.9918	0.0009
2023-07-24T11:10:55	1	0	6	6	0	0.9952	0.9949	-0.0003	0.9945	0.9945	0.0000
2023-07-24T11:12:16	1	0	36	35	1	1.0476	1.0473	-0.0003	-0.9941	-0.9941	0.0000
2023-07-24T11:18:38	1	0	105	95	10	0.9346	0.9294	-0.0052	0.9784	0.9783	0.0001
2023-07-24T11:20:09	1	0	552	551	1	0.8721	0.8721	0.0000	0.8303	0.8304	-0.0001
2023-07-24T11:21:34	1	0	15	14	1	0.9654	0.9671	0.0017	0.9985	0.9985	0.0000
2023-07-24T11:27:17	1	0	36	36	0	1.0449	1.0448	-0.0001	-0.9905	-0.9906	0.0001
2023-07-24T11:30:31	1	0	1	1	0	0.9444	0.9449	0.0005	0.9986	0.9986	0.0000
2023-07-24T11:31:09	1	0	4	4	0	1.0068	1.0064	-0.0004	-1	-1	0.0000
2023-07-24T11:34:09	1	0	23	22	1	1.0434	1.0427	-0.0007	0.9552	0.9551	0.0001
2023-07-24T11:41:50	1	0	2	2	0	1.0692	1.0688	-0.0005	0.9938	0.9937	0.0001
2023-07-24T11:45:32	1	0	5	5	0	0.9426	0.9427	0.0001	0.9959	0.996	-0.0001
2023-07-24T11:48:40	1	0	131	128	3	0.9396	0.9290	-0.0106	0.9791	0.9791	0.0000
2023-07-24T12:10:02	1	0	19	19	0	0.9572	0.9574	0.0003	0.994	0.9939	0.0001
2023-07-24T12:26:32	1	0	226	225	1	0.9193	0.9193	0.0001	0.9837	0.9837	0.0000
2023-07-24T13:14:59	1	0	1	1	0	0.9442	0.9446	0.0004	0.9735	0.9736	-0.0001
2023-07-24T13:18:06	1	0	88	88	0	1.0561	1.0560	-0.0001	0.9798	0.9798	0.0000
2023-07-24T13:20:37	1	0	107	106	1	1.0604	1.0602	-0.0002	0.9871	0.987	0.0001
2023-07-24T13:23:37	1	0	106	106	0	0.8916	0.8916	0.0000	0.9933	0.9933	0.0000
2023-07-24T14:06:59	1	0	55	55	0	0.9378	0.9378	0.0000	0.8113	0.8118	-0.0005
2023-07-24T14:15:04	1	0	10	10	0	0.9423	0.9425	0.0002	0.9802	0.9803	-0.0001
2023-07-24T14:16:24	1	0	2	2	0	1.0304	1.0302	-0.0002	0.9978	0.9979	-0.0001
2023-07-24T14:16:52	1	0	2	2	0	0.9516	0.9519	0.0004	0.9989	0.999	-0.0001
2023-07-24T14:16:53	1	0	4	4	0	0.9401	0.9407	0.0006	-0.9999	-0.9999	0.0000
2023-07-24T14:18:06	1	0	1	1	0	1.0348	1.0340	-0.0008	0.9914	0.9914	0.0000
2023-07-24T14:19:14	1	0	40	38	2	0.9445	0.9454	0.0009	0.9999	0.9999	0.0000
2023-07-24T14:20:24	1	0	3	3	0	1.0515	1.0508	-0.0007	-0.9212	-0.9222	0.0010
2023-07-24T14:20:41	1	0	20	20	0	1.0541	1.0541	0.0000	0.9845	0.9844	0.0001
2023-07-24T14:25:53	1	0	3	3	0	0.9680	0.9681	0.0001	0.9961	0.9962	-0.0001
2023-07-24T14:26:40	1	0	233	231	2	0.9174	0.9187	0.0013	0.9856	0.9857	-0.0001
2023-07-24T14:30:18	1	0	51	42	9	0.9396	0.9402	0.0005	0.947	0.9469	0.0001
2023-07-24T14:33:17	1	0	42	42	0	0.9443	0.9443	0.0000	0.9656	0.9606	0.0050
2023-07-24T14:34:15	1	0	93	87	6	0.9325	0.9338	0.0012	0.9997	0.9997	0.0000
2023-07-24T14:35:25	1	0	3	3	0	1.0495	1.0492	-0.0003	-0.9423	-0.9426	0.0003
2023-07-24T14:35:47	1	0	7	7	0	1.0323	1.0323	0.0000	0.9986	0.998	0.0006
2023-07-24T14:36:04	1	0	1	1	0	1.0031	1.0022	-0.0009	0.9962	0.9962	0.0000
2023-07-24T14:39:41	1	0	1	1	0	0.9878	0.9883	0.0005	0.9703	0.9704	-0.0001
2023-07-24T14:40:12	1	0	8	8	0	0.9583	0.9584	0.0001	0.9939	0.994	-0.0001
2023-07-24T14:40:54	1	0	4	4	0	0.9976	0.9977	0.0001	0.9961	0.9962	-0.0001
2023-07-24T14:46:00	1	0	202	199	3	0.9077	0.9085	0.0008	0.987	0.9873	-0.0003
2023-07-24T14:47:25	1	0	119	119	0	0.9126	0.9126	0.0000	0.9762	0.9759	0.0003
2023-07-24T14:49:04	1	0	98	96	2	0.9088	0.9091	0.0002	1	0.9999	0.0001
2023-07-24T14:49:16	1	0	76	73	3	0.9361	0.9370	0.0009	0.9998	0.9999	-0.0001
2023-07-24T14:51:22	1	0	4	4	0	0.9646	0.9645	-0.0001	0.9501	0.9497	0.0004
2023-07-24T15:01:58	1	0	2	2	0	1.0513	1.0510	-0.0004	-0.9999	-0.9999	0.0000
2023-07-24T15:02:10	1	0	1	0	1	1.0378	null	null	0.9905	0.9904	0.0001
2023-07-24T15:04:17	1	0	74	75	-1	0.9321	0.9366	0.0046	-1	-1	0.0000
2023-07-24T15:16:56	1	0	7	7	0	0.9585	0.9586	0.0001	0.9985	0.9985	0.0000
2023-07-24T15:18:10	1	0	2	2	0	1.0199	1.0196	-0.0003	0.9909	0.9916	-0.0007
2023-07-24T15:19:18	1	0	67	66	1	0.9358	0.9359	0.0001	1	1	0.0000
2023-07-24T15:26:09	1	0	729	725	4	0.7940	0.7943	0.0003	0.9116	0.9168	-0.0052
2023-07-24T15:26:35	1	0	21	17	4	0.9848	0.9950	0.0102	0.9977	0.9977	0.0000
2023-07-24T15:31:04	1	0	13	12	1	0.9311	0.9301	-0.0010	0.9845	0.9846	-0.0001
2023-07-24T15:50:10	1	0	2	2	0	1.0461	1.0457	-0.0005	-0.9999	-0.9999	0.0000
2023-07-24T15:51:36	1	0	1	1	0	0.9433	0.9437	0.0004	0.9923	0.9917	0.0006
2023-07-24T16:01:06	1	0	32	29	3	0.9358	0.9367	0.0009	0.9855	0.9856	-0.0001
2023-07-24T16:01:59	1	0	2	2	0	0.9421	0.9424	0.0003	0.9643	0.9641	0.0002
2023-07-24T16:05:02	1	0	6	6	0	1.0240	1.0239	-0.0002	0.9939	0.9939	0.0000
2023-07-24T16:16:17	1	0	3	3	0	0.9576	0.9575	-0.0001	-1	-1	0.0000

2023-07-24T16:25:55	1	0	3	3	0	0.9922	0.9923	0.0001	0.9893	0.9894	-0.0001
2023-07-24T16:48:05	1	0	8	7	1	0.9421	0.9422	0.0001	0.9978	0.9978	0.0000
2023-07-24T17:30:19	1	0	4	4	0	0.9031	0.9031	0.0000	0.9947	0.9946	0.0001
2023-07-24T17:45:20	1	0	4	4	0	0.8986	0.8986	0.0000	0.9951	0.9949	0.0002
2023-08-01T08:12:14	1	0	11	11	0	1.0462	1.0462	0.0000	-0.9749	-0.9753	0.0004
2023-08-01T08:13:51	1	0	1	1	0	1.0365	1.0365	0.0000	0.9882	0.9882	0.0000
2023-08-01T08:18:41	1	0	91	91	0	1.0546	1.0545	0.0000	0.9717	0.9717	0.0000
2023-08-01T08:20:26	1	0	96	89	7	1.0563	1.0562	-0.0001	-0.9983	-0.9983	0.0000
2023-08-01T08:23:06	1	0	203	203	0	1.0575	1.0575	0.0000	-0.9766	-0.9765	-0.0001
2023-08-01T08:24:54	1	0	8	8	0	1.0437	1.0437	0.0000	-1	-1	0.0000
2023-08-01T08:30:35	1	0	13	13	0	1.0521	1.0521	0.0000	1	-1	0.0000
2023-08-01T08:31:26	1	0	6	6	0	1.0344	1.0344	0.0000	0.9904	0.9902	0.0002
2023-08-01T08:35:27	1	0	170	166	4	1.0588	1.0588	-0.0001	-0.9981	-0.9982	0.0001
2023-08-01T08:40:39	1	0	1	1	0	1.0362	1.0358	-0.0004	-0.968	-0.9677	-0.0003
2023-08-01T08:42:16	1	0	1	1	0	1.0452	1.0452	0.0000	1	0.9999	0.0001
2023-08-01T08:50:20	1	0	53	52	1	1.0580	1.0580	0.0000	0.9787	0.9788	-0.0001
2023-08-01T09:06:47	1	0	1	1	0	0.9408	0.9413	0.0005	-0.9814	-0.9809	-0.0005
2023-08-01T09:20:30	1	0	149	147	2	1.0579	1.0579	0.0000	-0.9987	-0.9987	0.0000
2023-08-01T09:25:42	1	0	3	3	0	1.0225	1.0225	0.0000	0.9657	0.9656	0.0001
2023-08-01T09:29:00	1	0	2	2	0	1.0336	1.0333	-0.0003	-0.9842	-0.9843	0.0001
2023-08-01T09:29:47	1	0	1	0	1	0.9446	null	null	0.9828	0.9829	-0.0001
2023-08-01T09:33:35	1	0	1	1	0	0.9419	0.9422	0.0003	0.9498	0.9501	-0.0003
2023-08-01T09:35:45	1	0	468	466	2	1.0605	1.0605	-0.0001	0.9947	0.9946	0.0001
2023-08-01T09:36:46	1	0	2	2	0	0.9440	0.9444	0.0003	-1	-1	0.0000
2023-08-01T09:40:15	1	0	2	2	0	1.0296	1.0294	-0.0002	0.9941	0.9941	0.0000
2023-08-01T09:42:39	1	0	2	2	0	1.0256	1.0253	-0.0003	0.9847	0.9845	0.0002
2023-08-01T09:45:48	1	0	2	2	0	1.0306	1.0304	-0.0002	0.9925	0.9925	0.0000
2023-08-01T09:50:05	2	0	487	480	7	0.8739	0.8742	0.0003	0.8621	0.8629	-0.0008
2023-08-01T09:53:25	1	0	86	86	0	0.9202	0.9209	0.0007	0.9921	0.9923	-0.0002
2023-08-01T09:55:52	1	0	40	38	2	0.9470	0.9473	0.0003	0.9843	0.9844	-0.0001
2023-08-01T10:00:43	1	0	1	1	0	0.8393	0.8397	0.0004	0.9841	0.9842	-0.0001
2023-08-01T10:02:11	1	0	10	10	0	1.0089	1.0088	-0.0001	0.987	0.9871	-0.0001
2023-08-01T10:03:37	1	0	18	17	1	0.9420	0.9422	0.0003	0.9562	0.9567	-0.0005
2023-08-01T10:05:43	1	0	2	2	0	1.0037	1.0030	-0.0007	0.9936	0.9932	0.0004
2023-08-01T10:09:57	1	0	6	6	0	1.0242	1.0242	0.0000	-1	-1	0.0000
2023-08-01T10:09:59	1	0	1	1	0	1.0579	1.0576	-0.0003	0.9944	0.9944	0.0000
2023-08-01T10:10:45	1	0	1	1	0	1.0320	1.0316	-0.0004	-0.9812	-0.9811	-0.0001
2023-08-01T10:10:45	1	0	4	4	0	1.0121	1.0121	0.0000	0.9512	0.951	0.0002
2023-08-01T10:11:50	1	0	1	1	0	1.0454	1.0450	-0.0004	0.9515	0.9505	0.0010
2023-08-01T10:15:42	1	0	3	3	0	1.0471	1.0468	-0.0003	0.9981	0.9981	0.0000
2023-08-01T10:17:12	1	0	14	12	2	0.9758	0.9812	0.0054	0.9869	0.9872	-0.0003
2023-08-01T10:18:38	1	0	19	17	2	0.9413	0.9417	0.0004	0.9581	0.9582	-0.0001
2023-08-01T10:19:00	1	0	1	1	0	1.0461	1.0456	-0.0005	0.9982	0.9982	0.0000
2023-08-01T10:20:02	1	0	3	3	0	1.0368	1.0366	-0.0002	0.9956	0.9956	0.0000
2023-08-01T10:20:19	1	0	18	17	1	0.9370	0.9369	-0.0001	-0.9997	1	0.0003
2023-08-01T10:21:49	1	0	3	3	0	0.9622	0.9622	0.0000	1	1	0.0000
2023-08-01T10:24:41	1	0	4	4	0	1.0287	1.0285	-0.0002	0.9662	0.9661	0.0001
2023-08-01T10:28:06	1	0	42	41	1	1.0532	1.0531	-0.0001	-0.9978	-0.9979	0.0001
2023-08-01T10:35:20	1	0	26	22	4	0.9374	0.9364	-0.0011	-0.9973	-0.9972	-0.0001
2023-08-01T10:35:35	1	0	90	77	13	1.0580	1.0575	-0.0004	-0.9995	-0.9996	0.0001
2023-08-01T10:35:49	1	0	44	42	2	1.0497	1.0496	0.0000	0.9934	0.9933	0.0001
2023-08-01T10:37:47	1	0	1	0	1	1.0550	null	null	0.9947	0.9947	0.0000
2023-08-01T10:38:29	1	0	101	101	0	0.9111	0.9116	0.0005	0.9972	0.9973	-0.0001
2023-08-01T10:42:38	1	0	1	0	1	1.0557	null	null	-0.9812	-0.9812	0.0000
2023-08-01T10:43:07	1	0	46	46	0	1.0542	1.0542	-0.0001	-0.9988	-0.9988	0.0000
2023-08-01T10:47:14	1	0	14	14	0	1.0014	1.0013	-0.0001	0.985	0.9848	0.0002
2023-08-01T10:48:40	1	0	15	16	-1	0.9416	0.9418	0.0003	0.9557	0.9559	-0.0002
2023-08-01T10:49:03	1	0	11	11	0	1.0509	1.0507	-0.0002	0.9997	0.9997	0.0000
2023-08-01T10:50:21	1	0	4	4	0	0.9958	0.9953	-0.0005	-0.994	-0.9941	0.0001
2023-08-01T10:50:46	1	0	1	0	1	1.0021	null	null	0.9905	0.9907	-0.0002
2023-08-01T10:50:56	1	0	3	3	0	1.0548	1.0545	-0.0003	-0.9933	-0.9938	0.0005
2023-08-01T10:53:30	1	0	84	84	0	0.9272	0.9276	0.0004	0.9998	0.9998	0.0000
2023-08-01T10:55:00	1	0	4	4	0	1.0051	1.0051	0.0000	0.9996	0.9996	0.0000
2023-08-01T11:04:07	1	0	5	5	0	1.0490	1.0486	-0.0004	0.9993	0.9992	0.0001
2023-08-01T11:05:10	1	0	562	556	6	0.8743	0.8767	0.0025	0.8471	0.8479	-0.0008
2023-08-01T11:05:37	1	0	59	53	6	1.0561	1.0555	-0.0006	-0.9998	-0.9999	0.0001
2023-08-01T11:06:36	1	0	5	5	0	0.9970	0.9970	0.0000	-1	-1	0.0000
2023-08-01T11:15:46	1	0	33	31	2	1.0516	1.0516	0.0000	0.9997	0.9997	0.0000
2023-08-01T11:20:23	1	0	22	21	1	0.9416	0.9414	-0.0002	-0.9984	-0.9983	-0.0001
2023-08-01T11:20:38	1	0	70	64	6	1.0573	1.0566	-0.0006	-0.9999	1	0.0001
2023-08-01T11:21:37	1	0	5	5	0	0.9964	0.9963	-0.0001	-0.9998	-0.9998	0.0000
2023-08-01T11:24:51	1	0	2	2	0	1.0591	1.0587	-0.0004	-0.9969	-0.997	0.0001
2023-08-01T11:30:47	1	0	55	55	0	1.0549	1.0548	-0.0001	0.9984	0.9984	0.0000
2023-08-01T11:35:12	1	0	304	304	0	0.8738	0.8738	0.0000	0.8763	0.8761	0.0002
2023-08-01T11:35:39	1	0	56	53	3	1.0568	1.0564	-0.0004	-1	0.9999	0.0001
2023-08-01T11:43:53	1	0	4	4	0	1.0434	1.0432	-0.0002	0.9652	0.965	0.0002
2023-08-01T11:45:48	1	0	15	14	1	1.0495	1.0490	-0.0005	0.9966	0.9966	0.0000
2023-08-01T11:47:05	1	0	1	1	0	1.0561	1.0558	-0.0003	1	1	0.0000
2023-08-01T11:47:37	1	0	1	1	0	1.0567	1.0560	-0.0007	0.9925	0.9925	0.0000
2023-08-01T11:50:40	2	0	51	50	1	1.0566	1.0565	-0.0001	0.9999	0.9999	0.0000
2023-08-01T11:52:57	1	0	4	4	0	0.9993	0.9996	0.0003	0.9651	0.9656	-0.0005
2023-08-01T11:56:52	1	0	2	2	0	1.0743	1.0741	-0.0003	-0.9995	-0.9996	0.0001
2023-08-01T11:58:55	1	0	1	1	0	1.0582	1.0555	-0.0027	0.9999	0.9999	0.0000
2023-08-01T12:13:13	1	0	124	123	1	1.0566	1.0566	0.0000	-0.9981	-0.9981	0.0000
2023-08-01T12:13:56	1	0	1	0	1	1.0564	null	null	1	1	0.0000

2023-08-01T12:47:33	1	0	3	3	0	1.0291	1.0290	-0.0002	0.9522	0.9526	-0.0004
2023-08-01T12:47:46	1	0	350	251	99	1.0644	1.0643	0.0000	-0.96	-0.9647	0.0047
2023-08-01T12:50:54	1	0	1	1	0	1.0026	1.0016	-0.0010	0.9915	0.9771	0.0144
2023-08-01T12:59:49	1	0	1	1	0	0.9407	0.9411	0.0004	0.9807	0.9809	-0.0002
2023-08-01T13:00:02	1	0	12	10	2	0.9432	0.9430	-0.0001	0.9846	0.9847	-0.0001
2023-08-01T13:18:18	1	0	56	55	1	1.0264	1.0263	0.0000	0.9706	0.9707	-0.0001
2023-08-01T13:19:19	1	0	14	14	0	1.0388	1.0387	-0.0001	0.9377	0.9377	0.0000
2023-08-01T13:23:07	1	0	1	1	0	0.9700	0.9709	0.0009	0.962	0.9625	-0.0005
2023-08-01T13:41:09	1	0	10	10	0	0.9930	0.9929	-0.0001	0.9895	0.9896	-0.0001
2023-08-01T13:50:40	1	0	7	7	0	1.0488	1.0488	0.0000	0.9515	0.9513	0.0002
2023-08-01T14:03:53	1	0	156	157	-1	0.9180	0.9190	0.0010	0.962	0.9619	0.0001
2023-08-01T14:06:58	1	0	133	133	0	0.9224	0.9225	0.0001	0.7741	0.7744	-0.0003
2023-08-01T14:10:27	1	0	47	46	1	1.0528	1.0527	-0.0001	0.976	0.976	0.0000
2023-08-01T14:13:42	1	0	10	10	0	0.9877	0.9879	0.0003	-1	-1	0.0000
2023-08-01T14:14:23	2	0	35	34	1	1.0431	1.0426	-0.0005	-0.9962	-0.9963	0.0001
2023-08-01T14:19:11	1	0	60	59	1	0.9724	0.9668	-0.0055	0.9661	0.966	0.0001
2023-08-01T14:19:23	1	0	24	23	1	1.0430	1.0425	-0.0005	0.9428	0.9429	-0.0001
2023-08-01T14:20:05	1	0	6	6	0	1.0495	1.0490	-0.0005	0.9989	0.9987	0.0002
2023-08-01T14:20:35	1	0	8	8	0	1.0376	1.0374	-0.0002	-0.975	-0.975	0.0000
2023-08-01T14:20:42	1	0	6	6	0	1.0492	1.0490	-0.0002	0.9499	0.9497	0.0002
2023-08-01T14:30:33	1	0	19	17	2	1.0537	1.0535	-0.0002	0.9997	0.9997	0.0000
2023-08-01T14:31:22	1	0	1	1	0	0.9429	0.9441	0.0012	-0.9992	-0.9992	0.0000
2023-08-01T14:33:55	1	0	128	128	0	0.9353	0.9353	0.0000	0.9727	0.9726	0.0001
2023-08-01T14:35:51	1	0	22	21	1	1.0512	1.0511	-0.0001	0.9989	0.9989	0.0000
2023-08-01T14:36:01	1	0	2	2	0	1.0137	1.0134	-0.0004	0.9861	0.9861	0.0000
2023-08-01T14:36:13	1	0	5	5	0	1.0427	1.0426	-0.0001	0.9986	0.9986	0.0000
2023-08-01T14:37:23	1	0	97	97	0	0.9246	0.9246	0.0000	0.9657	0.9659	-0.0002
2023-08-01T14:40:07	1	0	3	3	0	0.9942	0.9944	0.0002	-0.9935	-0.9935	0.0000
2023-08-01T14:40:40	1	0	5	5	0	0.9961	0.9963	0.0002	0.9899	0.9913	-0.0014
2023-08-01T14:43:43	1	0	1	1	0	0.9988	0.9980	-0.0008	-0.9947	-0.9947	0.0000
2023-08-01T14:45:34	1	0	25	24	1	1.0511	1.0504	-0.0007	0.9997	0.9997	0.0000
2023-08-01T14:46:23	1	0	1	1	0	0.9401	0.9405	0.0004	-0.9992	-0.9992	0.0000
2023-08-01T14:55:41	1	0	5	5	0	0.9965	0.9969	0.0004	0.9895	0.9881	0.0014
2023-08-01T15:00:35	1	0	24	23	1	1.0531	1.0531	0.0000	1	1	0.0000
2023-08-01T15:02:18	1	0	1	1	0	1.0412	1.0405	-0.0007	0.9982	0.9982	0.0000
2023-08-01T15:23:07	1	0	4	4	0	1.0468	1.0461	-0.0006	-0.9902	-0.9905	0.0003
2023-08-01T15:29:06	1	0	6	6	0	1.0323	1.0321	-0.0002	0.9915	0.9915	0.0000
2023-08-01T15:30:37	1	0	26	25	1	1.0505	1.0510	0.0005	0.9992	0.9991	0.0001
2023-08-01T15:31:12	1	0	4	4	0	1.0303	1.0303	-0.0001	0.9864	0.9863	0.0001
2023-08-01T15:34:27	1	0	41	39	2	0.9474	0.9481	0.0007	-1	-1	0.0000
2023-08-01T16:07:08	1	0	9	9	0	1.0447	1.0447	0.0000	-0.9986	-0.9987	0.0001
2023-08-01T16:27:47	1	0	21	20	1	0.9617	0.9618	0.0001	0.9661	0.9663	-0.0002
2023-08-01T17:29:43	1	0	32	32	0	1.0478	1.0478	0.0000	0.9928	0.9927	0.0001
2023-08-01T17:43:01	1	0	1	1	0	1.0456	1.0456	0.0000	0.9831	0.9831	0.0000
2023-08-01T17:58:06	1	0	3	3	0	1.0463	1.0463	0.0000	0.9849	0.9849	0.0000
2023-08-02T08:05:43	1	0	257	255	2	1.0533	1.0533	0.0000	0.9956	0.9955	0.0001
2023-08-02T08:08:05	1	0	8	8	0	1.0312	1.0312	0.0000	-1	-1	0.0000
2023-08-02T08:08:16	1	0	7	7	0	1.0372	1.0371	0.0000	0.9988	0.9988	0.0000
2023-08-02T08:12:28	1	0	4	4	0	1.0463	1.0463	0.0000	0.979	0.979	0.0000
2023-08-02T08:15:37	1	0	76	76	0	1.0539	1.0539	0.0000	-0.9997	-0.9997	0.0000
2023-08-02T08:16:36	1	0	5	5	0	1.0338	1.0338	0.0000	0.9942	0.9938	0.0004
2023-08-02T08:16:45	1	0	509	509	0	1.0748	1.0748	0.0000	0.988	0.9881	-0.0001
2023-08-02T08:20:31	1	0	219	218	1	1.0601	1.0599	-0.0001	-0.9952	-0.9952	0.0000
2023-08-02T08:23:06	1	0	246	246	0	1.0534	1.0534	0.0000	-0.9896	-0.9894	-0.0002
2023-08-02T08:23:12	1	0	170	169	1	1.0576	1.0576	0.0000	-0.9853	-0.9851	-0.0002
2023-08-02T08:29:15	1	0	4	4	0	1.0487	1.0487	0.0000	0.9846	0.9846	0.0000
2023-08-02T08:36:51	1	0	4	4	0	0.9395	0.9396	0.0001	-0.9882	-0.9879	-0.0003
2023-08-02T08:50:05	1	0	286	285	1	0.8947	0.8947	0.0000	0.8921	0.8921	0.0000
2023-08-02T08:50:33	1	0	160	158	2	1.0584	1.0583	-0.0002	-0.9977	-0.9977	0.0000
2023-08-02T08:54:57	1	0	10	10	0	1.0456	1.0456	0.0000	-0.9998	-0.9998	0.0000
2023-08-02T09:03:57	1	0	1	1	0	1.0345	1.0345	0.0000	0.9983	0.9984	-0.0001
2023-08-02T09:18:42	1	0	2	2	0	0.9717	0.9713	-0.0004	0.9441	0.944	0.0001
2023-08-02T09:40:45	1	0	5	5	0	1.0504	1.0502	-0.0003	0.9849	0.9848	0.0001
2023-08-02T09:42:41	1	0	2	2	0	1.0473	1.0470	-0.0004	-0.9604	-0.9605	0.0001
2023-08-02T09:43:24	1	0	5	5	0	1.0271	1.0269	-0.0002	0.9864	0.9863	0.0001
2023-08-02T09:44:07	1	0	4	4	0	1.0378	1.0377	-0.0001	-0.9816	-0.982	0.0004
2023-08-02T09:44:53	1	0	1	1	0	0.9429	0.9436	0.0007	0.9765	0.9766	-0.0001
2023-08-02T09:50:50	1	0	4	4	0	1.0090	1.0088	-0.0002	0.9979	0.9979	0.0000
2023-08-02T09:51:48	1	0	1	1	0	0.9414	0.9418	0.0004	-1	-1	0.0000
2023-08-02T09:53:30	1	0	19	16	3	0.9417	0.9419	0.0002	0.9973	0.9975	-0.0002
2023-08-02T09:55:58	1	0	86	86	0	0.8819	0.8820	0.0001	0.9864	0.9863	0.0001
2023-08-02T10:00:49	1	0	1	1	0	0.8446	0.8450	0.0004	0.9824	0.9825	-0.0001
2023-08-02T10:05:07	1	0	8	8	0	1.0351	1.0349	-0.0002	0.9969	0.9969	0.0000
2023-08-02T10:05:21	2	0	6	6	0	1.0495	1.0492	-0.0004	-0.7676	-0.768	0.0004
2023-08-02T10:05:38	1	0	31	31	0	1.0540	1.0534	-0.0006	-0.9995	-0.9995	0.0000
2023-08-02T10:05:51	1	0	67	66	1	1.0491	1.0491	0.0000	0.9925	0.9925	0.0000
2023-08-02T10:07:23	1	0	2	2	0	1.0381	1.0379	-0.0002	-0.9996	-0.9996	0.0000
2023-08-02T10:10:02	1	0	6	6	0	1.0248	1.0248	0.0000	0.9999	0.9999	0.0000
2023-08-02T10:11:47	1	0	1	1	0	1.0454	1.0450	-0.0004	0.9457	0.9447	0.0010
2023-08-02T10:15:45	1	0	41	29	12	1.0540	1.0532	-0.0008	0.9994	0.9994	0.0000
2023-08-02T10:17:14	1	0	7	7	0	0.9954	0.9955	0.0001	0.9852	0.9854	-0.0002
2023-08-02T10:19:08	1	0	2	2	0	1.0431	1.0425	-0.0006	0.9983	0.9983	0.0000
2023-08-02T10:20:14	1	0	326	321	5	0.8877	0.8880	0.0003	0.8863	0.887	-0.0007
2023-08-02T10:20:39	1	0	67	51	16	1.0571	1.0567	-0.0004	-0.9995	-0.9995	0.0000
2023-08-02T10:20:52	1	0	4	4	0	1.0080	1.0073	-0.0007	0.9989	0.9988	0.0001

2023-08-02T10:22:52	1	0	1	1	0	1.0624	1.0621	-0.0003	0.9935	0.9934	0.0001
2023-08-02T10:24:32	1	0	9	9	0	1.0305	1.0304	-0.0001	0.967	0.9669	0.0001
2023-08-02T10:32:36	1	0	1	1	0	1.0563	1.0554	-0.0009	0.9679	0.9677	0.0002
2023-08-02T10:33:47	1	0	5	5	0	1.0045	1.0044	-0.0001	0.9569	0.9568	0.0001
2023-08-02T10:35:40	1	0	59	55	4	1.0573	1.0569	-0.0004	-1	-1	0.0000
2023-08-02T10:35:53	1	0	268	266	2	1.0541	1.0541	0.0000	0.9927	0.9927	0.0000
2023-08-02T10:36:51	1	0	3	3	0	0.9619	0.9618	-0.0001	1	1	0.0000
2023-08-02T10:38:18	1	0	4	4	0	1.0278	1.0271	-0.0007	-0.9923	-0.9922	-0.0001
2023-08-02T10:38:33	1	0	72	71	1	0.9303	0.9308	0.0005	0.9969	0.997	-0.0001
2023-08-02T10:40:53	1	0	3	3	0	1.0288	1.0286	-0.0002	-0.9748	-0.975	0.0002
2023-08-02T10:41:36	1	0	2	2	0	1.0141	1.0139	-0.0002	0.9985	0.9985	0.0000
2023-08-02T10:45:47	1	0	9	9	0	1.0515	1.0514	-0.0001	0.9985	0.9985	0.0000
2023-08-02T10:49:10	1	0	12	11	1	1.0481	1.0492	0.0010	0.9997	0.9997	0.0000
2023-08-02T10:49:15	1	0	17	16	1	1.0390	1.0379	-0.0010	0.9396	0.9396	0.0000
2023-08-02T10:50:16	1	0	35	35	0	0.9352	0.9354	0.0002	0.9321	0.9323	-0.0002
2023-08-02T10:50:24	1	0	16	14	2	1.0513	1.0501	-0.0012	-0.7842	-0.7851	0.0009
2023-08-02T10:50:54	1	0	272	271	1	1.0543	1.0543	0.0000	0.9922	0.9922	0.0000
2023-08-02T10:50:54	1	0	2	2	0	1.0063	1.0056	-0.0008	0.9976	0.9973	0.0003
2023-08-02T10:53:34	1	0	58	55	3	0.9354	0.9357	0.0003	0.9968	0.9969	-0.0001
2023-08-02T10:55:05	1	0	6	6	0	1.0314	1.0313	-0.0001	-1	-1	0.0000
2023-08-02T10:55:15	1	0	2	2	0	1.0595	1.0591	-0.0004	0.9921	0.9905	0.0016
2023-08-02T10:56:54	1	0	5	5	0	0.9934	0.9933	-0.0001	0.975	0.9749	0.0001
2023-08-02T10:58:33	2	0	1	1	0	1.0099	1.0099	0.0000	-0.9774	-0.9773	-0.0001
2023-08-02T10:58:53	1	0	1	0	1	1.0369	null	null	0.9995	0.9995	0.0000
2023-08-02T11:04:13	1	0	3	3	0	1.0498	1.0494	-0.0004	0.9995	0.9995	0.0000
2023-08-02T11:06:02	1	0	5	5	0	1.0460	1.0457	-0.0003	0.9991	0.9989	0.0002
2023-08-02T11:06:46	1	0	5	5	0	0.9878	0.9878	0.0000	-1	-1	0.0000
2023-08-02T11:09:29	1	0	151	151	0	0.9377	0.9378	0.0001	0.9643	0.9644	-0.0001
2023-08-02T11:11:54	1	0	2	2	0	1.0751	1.0746	-0.0006	-0.9992	-0.9992	0.0000
2023-08-02T11:16:01	1	0	2	2	0	1.0310	1.0306	-0.0003	0.9953	0.9951	0.0002
2023-08-02T11:18:50	1	0	41	36	5	0.9454	0.9459	0.0005	0.946	0.9462	-0.0002
2023-08-02T11:19:04	1	0	2	2	0	1.0612	1.0609	-0.0003	0.9893	0.989	0.0003
2023-08-02T11:19:14	1	0	11	11	0	1.0508	1.0505	-0.0003	0.9991	0.9991	0.0000
2023-08-02T11:19:17	1	0	14	13	1	1.0364	1.0349	-0.0015	0.939	0.9389	0.0001
2023-08-02T11:20:18	1	0	372	368	4	0.8522	0.8522	0.0000	0.8628	0.8632	-0.0004
2023-08-02T11:20:43	1	0	125	113	12	1.0592	1.0599	0.0007	-0.9997	-0.9998	0.0001
2023-08-02T11:20:56	1	0	2	2	0	1.0041	1.0036	-0.0005	0.994	0.994	0.0000
2023-08-02T11:21:03	1	0	5	5	0	1.0492	1.0491	-0.0001	0.9931	0.9928	0.0003
2023-08-02T11:21:47	1	0	5	5	0	0.9949	0.9950	0.0001	-0.9995	-0.9995	0.0000
2023-08-02T11:23:21	1	0	46	45	1	1.0454	1.0452	-0.0003	-0.9898	-0.9895	-0.0003
2023-08-02T11:28:15	1	0	37	36	1	1.0546	1.0545	-0.0001	-1	-1	0.0000
2023-08-02T11:35:36	1	0	18	17	1	1.0523	1.0515	-0.0008	0.9646	0.964	0.0006
2023-08-02T11:35:44	2	0	53	51	2	1.0590	1.0579	-0.0012	0.9999	0.9996	0.0003
2023-08-02T11:36:55	1	0	4	5	-1	1.0498	1.0487	-0.0011	-0.9962	-0.9963	0.0001
2023-08-02T11:43:56	1	0	2	2	0	1.0461	1.0458	-0.0003	-1	-1	0.0000
2023-08-02T11:50:37	1	0	18	17	1	1.0522	1.0516	-0.0006	0.9631	0.9628	0.0003
2023-08-02T12:03:53	1	0	20	20	0	0.9675	0.9730	0.0055	0.9605	0.9606	-0.0001
2023-08-02T12:05:01	1	0	10	10	0	1.0541	1.0534	-0.0007	0.9834	0.9833	0.0001
2023-08-02T12:05:38	1	0	19	18	1	1.0512	1.0508	-0.0004	0.9623	0.9622	0.0001
2023-08-02T12:10:59	1	0	6	6	0	1.0150	1.0149	-0.0001	0.9607	0.9551	0.0056
2023-08-02T12:13:18	1	0	76	76	0	1.0559	1.0559	0.0000	-0.9999	-0.9999	0.0000
2023-08-02T12:18:54	1	0	22	22	0	0.9466	0.9466	0.0000	0.9601	0.9604	-0.0003
2023-08-02T12:20:39	1	0	16	16	0	1.0511	1.0510	-0.0001	0.9609	0.9608	0.0001
2023-08-02T12:20:47	1	0	40	40	0	1.0554	1.0553	-0.0001	-1	-1	0.0000
2023-08-02T12:28:56	1	0	15	14	1	1.0499	1.0491	-0.0008	0.9636	0.9635	0.0001
2023-08-02T12:32:44	1	0	2	2	0	1.0372	1.0369	-0.0004	0.9588	0.9593	-0.0005
2023-08-02T12:47:45	1	0	3	3	0	1.0295	1.0294	-0.0001	0.956	0.9563	-0.0003
2023-08-02T13:32:11	1	0	1	1	0	1.0394	1.0391	-0.0003	0.9998	0.9998	0.0000
2023-08-02T13:35:52	1	0	19	19	0	1.0542	1.0541	-0.0001	0.9996	0.9992	0.0004
2023-08-02T13:47:04	1	0	1	0	1	1.0550	null	null	-0.9871	-0.9871	0.0000
2023-08-02T13:50:53	1	0	19	19	0	1.0534	1.0533	-0.0001	0.9996	0.9991	0.0005
2023-08-02T13:53:16	1	0	1	0	1	0.9733	null	null	0.9553	0.956	-0.0007
2023-08-02T13:55:30	1	0	1	0	1	0.9450	null	null	0.9894	0.9893	0.0001
2023-08-02T14:00:16	1	0	66	67	-1	0.9312	0.9315	0.0003	0.986	0.9861	-0.0001
2023-08-02T14:03:56	1	0	4	4	0	0.9405	0.9406	0.0001	0.9332	0.9331	0.0001
2023-08-02T14:05:54	1	0	17	17	0	1.0501	1.0501	-0.0001	0.9997	0.9997	0.0000
2023-08-02T14:10:57	1	0	1	1	0	0.9845	0.9848	0.0003	0.9935	0.9935	0.0000
2023-08-02T14:25:29	1	0	4	4	0	1.0078	1.0082	0.0004	0.9924	0.9936	-0.0012
2023-08-02T14:26:09	1	0	6	6	0	1.0043	1.0040	-0.0003	0.9801	0.9833	-0.0032
2023-08-02T14:30:51	1	0	3	3	0	0.9433	0.9438	0.0005	0.9958	0.9958	0.0000
2023-08-02T14:31:28	1	0	1	1	0	0.9277	0.9287	0.0010	0.9998	0.9996	0.0002
2023-08-02T14:35:48	1	0	41	41	0	1.0574	1.0574	-0.0001	0.987	0.9869	0.0001
2023-08-02T14:39:51	1	0	192	192	0	1.0651	1.0651	0.0000	0.9545	0.9534	0.0011
2023-08-02T14:43:09	1	0	2	2	0	1.0240	1.0235	-0.0005	0.9804	0.9802	0.0002
2023-08-02T14:44:03	1	0	14	14	0	1.0463	1.0462	-0.0001	0.9944	0.9943	0.0001
2023-08-02T14:44:06	1	0	1	1	0	1.0191	1.0185	-0.0006	0.9897	0.9897	0.0000
2023-08-02T14:46:08	1	0	99	99	0	0.9248	0.9251	0.0003	0.9725	0.9726	-0.0001
2023-08-02T14:46:15	1	0	9	9	0	1.0326	1.0324	-0.0001	0.9837	0.9836	0.0001
2023-08-02T14:46:29	1	0	1	1	0	0.9299	0.9306	0.0007	0.9994	0.9994	0.0000
2023-08-02T14:50:57	1	0	18	17	1	1.0511	1.0510	-0.0002	0.9994	0.9994	0.0000
2023-08-02T14:55:31	1	0	3	3	0	1.0283	1.0284	0.0002	0.9898	0.9899	-0.0001
2023-08-02T15:18:25	1	0	1	1	0	0.9441	0.9445	0.0004	0.9221	0.9221	0.0000
2023-08-02T15:19:22	1	0	15	15	0	1.0439	1.0439	0.0000	-0.9945	-0.9945	0.0000
2023-08-02T15:23:22	1	0	7	7	0	1.0171	1.0172	0.0001	0.9641	0.9632	0.0009
2023-08-02T15:25:17	1	0	2	2	0	0.9891	0.9894	0.0003	-0.9998	-0.9998	0.0000

2023-08-02T15:25:36	1	0	2	2	0	0.9396	0.9404	0.0008	0.9853	0.9852	0.0001
2023-08-02T15:32:35	1	0	18	18	0	0.9988	0.9987	-0.0001	0.9857	0.9855	0.0002
2023-08-02T15:56:17	1	0	2	2	0	0.9425	0.9431	0.0006	0.9949	0.995	-0.0001
2023-08-02T15:58:53	1	0	1	1	0	0.9936	0.9930	-0.0006	-0.9992	-0.9992	0.0000
2023-08-02T16:15:48	1	0	1	1	0	0.9406	0.9413	0.0007	0.9956	0.9957	-0.0001
2023-08-02T16:16:53	1	0	3	3	0	0.9703	0.9706	0.0002	0.9988	0.9989	-0.0001
2023-08-02T16:20:13	1	0	133	133	0	0.9430	0.9430	0.0000	0.9826	0.9825	0.0001
2023-08-02T17:28:05	1	0	5	5	0	1.0455	1.0455	0.0000	0.9892	0.9892	0.0000
2023-08-03T08:08:15	1	0	2	2	0	1.0246	1.0246	0.0000	0.9936	0.9935	0.0001
2023-08-03T08:09:51	1	0	1	1	0	1.0424	1.0424	0.0000	0.9992	0.9991	0.0001
2023-08-03T08:13:42	1	0	2	2	0	1.0290	1.0287	-0.0003	-0.991	-0.9911	0.0001
2023-08-03T08:16:29	1	0	13	13	0	1.0384	1.0384	0.0000	0.986	0.9858	0.0002
2023-08-03T08:16:44	1	0	516	516	0	1.0772	1.0772	0.0000	0.9916	0.9917	-0.0001
2023-08-03T08:20:02	1	0	84	84	0	0.9252	0.9252	0.0000	0.9188	0.9187	0.0001
2023-08-03T08:23:12	1	0	181	181	0	1.0571	1.0571	0.0000	-0.9786	-0.9784	-0.0002
2023-08-03T08:28:43	1	0	2	2	0	0.9855	0.9852	-0.0004	-0.9927	-0.9928	0.0001
2023-08-03T08:36:50	1	0	1	1	0	0.9415	0.9417	0.0002	-0.9953	-0.9952	-0.0001
2023-08-03T09:12:42	1	0	2	2	0	1.0268	1.0266	-0.0002	0.989	0.9889	0.0001
2023-08-03T09:20:31	1	0	182	162	20	1.0591	1.0587	-0.0004	-0.9975	-0.9984	0.0009
2023-08-03T09:20:49	1	0	138	131	7	1.0542	1.0541	-0.0001	0.9951	0.9934	0.0017
2023-08-03T09:28:24	1	0	1	0	1	1.0215	null	null	0.9859	0.9858	0.0001
2023-08-03T09:29:05	1	0	2	2	0	1.0326	1.0324	-0.0003	-0.9838	-0.9839	0.0001
2023-08-03T09:32:55	1	0	65	63	2	0.9480	0.9452	-0.0028	0.9498	0.948	0.0018
2023-08-03T09:35:32	1	0	178	170	8	1.0594	1.0590	-0.0004	-0.9977	-0.9978	0.0001
2023-08-03T09:40:47	1	0	1	1	0	1.0336	1.0324	-0.0012	-0.98	-0.9798	-0.0002
2023-08-03T09:41:35	1	0	1	0	1	0.9446	null	null	0.9751	0.9752	-0.0001
2023-08-03T09:50:04	1	0	3	3	0	1.0369	1.0366	-0.0003	0.9855	0.9855	0.0000
2023-08-03T09:50:11	1	0	392	391	1	0.8832	0.8835	0.0003	0.8837	0.8842	-0.0005
2023-08-03T09:50:33	1	0	80	74	6	1.0567	1.0563	-0.0004	-0.9982	-0.9983	0.0001
2023-08-03T09:50:49	1	0	2	2	0	1.0071	1.0069	-0.0003	0.9994	0.9995	-0.0001
2023-08-03T09:53:31	1	0	86	85	1	0.9245	0.9252	0.0007	0.9934	0.9936	-0.0002
2023-08-03T10:00:33	1	0	2	2	0	0.9936	0.9939	0.0002	-0.981	-0.9808	-0.0002
2023-08-03T10:00:48	1	0	1	1	0	0.8327	0.8331	0.0004	0.9933	0.9934	-0.0001
2023-08-03T10:03:45	1	0	1	2	-1	0.9444	0.9999	0.0555	0.9641	0.9644	-0.0003
2023-08-03T10:06:50	1	0	2	1	1	0.9756	0.9450	-0.0306	1	1	0.0000
2023-08-03T10:07:26	1	0	8	8	0	1.0338	1.0338	0.0000	-0.9962	-0.9962	0.0000
2023-08-03T10:07:48	1	0	2	2	0	1.0346	1.0340	-0.0006	-0.9966	-0.9968	0.0002
2023-08-03T10:10:02	1	0	5	5	0	1.0225	1.0225	0.0000	0.9985	0.9984	0.0001
2023-08-03T10:10:49	1	0	1	1	0	1.0334	1.0331	-0.0003	-0.975	-0.9749	-0.0001
2023-08-03T10:12:45	1	0	3	2	1	1.0491	1.0454	-0.0038	-0.9712	-0.9688	-0.0024
2023-08-03T10:13:29	1	0	3	3	0	1.0043	1.0041	-0.0002	-0.9805	-0.978	-0.0025
2023-08-03T10:15:20	1	0	53	50	3	1.0542	1.0541	-0.0001	0.9998	0.9998	0.0000
2023-08-03T10:15:57	1	0	3	3	0	1.0313	1.0310	-0.0002	0.9932	0.9931	0.0001
2023-08-03T10:16:57	1	0	1	0	1	1.0406	null	null	0.9998	0.9998	0.0000
2023-08-03T10:17:14	1	0	58	57	1	0.9446	0.9449	0.0003	0.9708	0.9711	-0.0003
2023-08-03T10:20:13	1	0	60	60	0	0.9309	0.9311	0.0002	0.9339	0.9341	-0.0002
2023-08-03T10:20:51	1	0	1	1	0	1.0072	1.0062	-0.0010	0.9984	0.9983	0.0001
2023-08-03T10:24:30	1	0	5	5	0	1.0291	1.0289	-0.0002	0.9634	0.9634	0.0000
2023-08-03T10:25:05	1	0	1	1	0	1.0574	1.0570	-0.0004	0.9913	0.9913	0.0000
2023-08-03T10:25:57	1	0	1	1	0	0.9440	0.9445	0.0005	0.9991	0.9992	-0.0001
2023-08-03T10:26:50	1	0	15	15	0	1.0498	1.0498	-0.0001	-0.9944	-0.9945	0.0001
2023-08-03T10:28:32	1	0	1	1	0	1.0075	1.0071	-0.0004	-0.9805	-0.9778	-0.0027
2023-08-03T10:30:21	1	0	78	76	2	1.0552	1.0548	-0.0004	0.9999	0.9999	0.0000
2023-08-03T10:30:52	1	0	1	1	0	1.0370	1.0355	-0.0015	0.9684	0.945	0.0234
2023-08-03T10:31:58	1	0	1	1	0	1.0395	1.0391	-0.0004	0.9999	0.9999	0.0000
2023-08-03T10:33:47	1	0	2	2	0	1.0009	1.0006	-0.0003	0.9562	0.9561	0.0001
2023-08-03T10:34:54	1	0	4	4	0	1.0464	1.0457	-0.0007	-0.9974	-0.9976	0.0002
2023-08-03T10:35:32	1	0	2	0	2	1.0453	null	null	-0.7875	-0.7871	-0.0004
2023-08-03T10:35:36	1	0	47	44	3	1.0545	1.0537	-0.0008	-0.9995	-0.9996	0.0001
2023-08-03T10:35:52	2	0	1	1	0	1.0078	1.0064	-0.0014	0.9984	0.9984	0.0000
2023-08-03T10:35:54	1	0	87	88	-1	1.0511	1.0511	0.0000	0.9924	0.9923	0.0001
2023-08-03T10:37:50	1	0	1	1	0	1.0316	1.0313	-0.0003	-0.9982	-0.9983	0.0001
2023-08-03T10:38:34	1	0	85	85	0	0.9259	0.9264	0.0005	0.9904	0.9905	-0.0001
2023-08-03T10:48:54	1	0	5	5	0	0.9395	0.9399	0.0004	-0.9997	-0.9997	0.0000
2023-08-03T10:49:10	1	0	1	1	0	1.0477	1.0471	-0.0006	0.9988	0.9987	0.0001
2023-08-03T10:53:35	1	0	27	25	2	0.9406	0.9409	0.0003	0.9917	0.9919	-0.0002
2023-08-03T10:55:05	1	0	3	3	0	1.0209	1.0208	-0.0001	0.9984	0.9984	0.0000
2023-08-03T10:55:09	1	0	3	3	0	1.0320	1.0323	0.0003	0.9948	0.9948	0.0000
2023-08-03T11:00:23	1	0	85	82	3	1.0570	1.0569	-0.0001	0.9997	0.9996	0.0001
2023-08-03T11:00:54	1	0	8	10	-2	1.0556	1.0555	-0.0001	0.9477	0.9995	-0.0518
2023-08-03T11:02:40	1	0	1	1	0	1.0577	1.0566	-0.0011	0.9592	0.959	0.0002
2023-08-03T11:04:13	1	0	2	0	2	0.9448	null	null	-0.9985	-0.9985	0.0000
2023-08-03T11:05:56	1	0	78	77	1	1.0523	1.0523	0.0000	0.9929	0.9912	0.0017
2023-08-03T11:06:01	1	0	4	4	0	1.0498	1.0496	-0.0002	0.9845	0.9838	0.0007
2023-08-03T11:06:44	1	0	5	5	0	0.9938	0.9939	0.0000	-1	-1	0.0000
2023-08-03T11:08:50	1	0	1	0	1	1.0363	null	null	-0.9982	-0.9983	0.0001
2023-08-03T11:15:24	1	0	32	31	1	1.0538	1.0538	0.0000	0.9989	0.9989	0.0000
2023-08-03T11:17:18	1	0	6	6	0	1.0016	1.0016	0.0000	0.9886	0.9884	0.0002
2023-08-03T11:18:50	1	0	4	3	1	0.9706	0.9800	0.0094	0.9615	0.9621	-0.0006
2023-08-03T11:18:56	1	0	12	10	2	0.9548	0.9411	-0.0137	-0.9997	-0.9997	0.0000
2023-08-03T11:19:11	1	0	14	14	0	1.0485	1.0481	-0.0004	0.9975	0.9974	0.0001
2023-08-03T11:19:16	1	0	14	13	1	1.0380	1.0365	-0.0015	0.9393	0.9392	0.0001
2023-08-03T11:19:35	1	0	1	1	0	0.9821	0.9828	0.0007	0.9748	0.9436	0.0312
2023-08-03T11:20:35	1	0	3	3	0	1.0499	1.0495	-0.0004	-0.816	-0.8169	0.0009
2023-08-03T11:20:39	2	0	4	3	1	1.0437	1.0380	-0.0057	0.9888	0.9863	0.0025

2023-08-03T11:21:02	1	0	7	7	0	1.0383	1.0382	-0.0001	0.9981	0.9979	0.0002
2023-08-03T11:21:45	1	0	5	5	0	0.9956	0.9958	0.0002	-1	-1	0.0000
2023-08-03T11:25:11	1	0	3	3	0	1.0305	1.0306	0.0002	0.9912	0.9912	0.0000
2023-08-03T11:28:51	1	0	5	5	0	1.0483	1.0481	-0.0001	0.9646	0.9644	0.0002
2023-08-03T11:34:17	1	0	15	14	1	1.0361	1.0347	-0.0014	0.9395	0.9395	0.0000
2023-08-03T11:35:40	1	0	38	35	3	1.0526	1.0517	-0.0009	0.9995	0.9989	0.0006
2023-08-03T11:40:24	1	0	13	12	1	0.9462	0.9453	-0.0009	0.9859	0.9861	-0.0002
2023-08-03T11:41:43	1	0	4	4	0	0.9446	0.9446	0.0000	0.9767	0.9768	-0.0001
2023-08-03T11:41:56	1	0	1	1	0	1.0559	1.0555	-0.0004	0.9752	0.9745	0.0007
2023-08-03T11:45:26	1	0	58	57	1	1.0554	1.0553	0.0000	0.9989	0.9989	0.0000
2023-08-03T11:50:21	1	0	390	387	3	0.8411	0.8411	0.0000	0.8904	0.8905	-0.0001
2023-08-03T11:50:41	1	0	34	27	7	1.0569	1.0553	-0.0016	0.998	0.9969	0.0011
2023-08-03T11:51:56	1	0	3	3	0	1.0440	1.0439	-0.0001	-1	-1	0.0000
2023-08-03T12:00:49	1	0	62	61	1	1.0566	1.0565	-0.0001	-0.9999	-0.9999	0.0000
2023-08-03T12:03:53	1	0	4	4	0	1.0579	1.0578	-0.0002	0.9764	0.9763	0.0001
2023-08-03T12:05:42	1	0	25	25	0	1.0516	1.0515	-0.0001	0.9984	0.9983	0.0001
2023-08-03T12:15:50	1	0	56	56	0	1.0562	1.0562	-0.0001	-1	-1	0.0000
2023-08-03T12:20:40	1	0	12	11	1	1.0104	1.0063	-0.0041	0.9158	0.9159	-0.0001
2023-08-03T12:20:43	1	0	28	28	0	1.0513	1.0513	-0.0001	0.9983	0.9982	0.0001
2023-08-03T13:35:45	1	0	17	17	0	1.0527	1.0524	-0.0003	0.9562	0.9561	0.0001
2023-08-03T13:52:10	1	0	29	29	0	0.9503	0.9504	0.0001	0.9996	0.9996	0.0000
2023-08-03T14:05:47	1	0	11	11	0	1.0512	1.0511	-0.0001	0.9539	0.9538	0.0001
2023-08-03T14:08:06	1	0	1	1	0	1.0556	1.0553	-0.0003	0.9877	0.9876	0.0001
2023-08-03T14:08:14	1	0	1	1	0	0.9727	0.9737	0.0010	0.9574	0.9575	-0.0001
2023-08-03T14:10:27	1	0	6	6	0	1.0170	1.0171	0.0001	-0.996	-0.996	0.0000
2023-08-03T14:11:06	1	0	5	5	0	1.0112	1.0112	0.0000	0.972	0.9718	0.0002
2023-08-03T14:15:58	1	0	51	51	0	1.0561	1.0561	0.0000	-0.9978	-0.9978	0.0000
2023-08-03T14:20:48	1	0	16	16	0	1.0522	1.0520	-0.0001	0.9535	0.9533	0.0002
2023-08-03T14:20:51	2	0	26	23	3	1.0434	1.0422	-0.0012	0.9958	0.9957	0.0001
2023-08-03T14:22:12	1	0	36	36	0	0.9467	0.9467	0.0000	0.9995	0.9995	0.0000
2023-08-03T14:23:15	1	0	4	4	0	1.0052	1.0053	0.0001	0.9567	0.957	-0.0003
2023-08-03T14:25:59	1	0	1	1	0	0.9904	0.9910	0.0006	0.9969	0.9963	0.0006
2023-08-03T14:31:55	1	0	1	1	0	0.9278	0.9288	0.0010	-0.9999	-0.9999	0.0000
2023-08-03T14:32:31	1	0	82	81	1	0.9465	0.9465	0.0000	0.9867	0.9865	0.0002
2023-08-03T14:33:06	1	0	1	1	0	0.9438	0.9442	0.0004	0.9235	0.9108	0.0127
2023-08-03T14:34:03	1	0	153	150	3	0.9299	0.9275	-0.0024	0.9752	0.9753	-0.0001
2023-08-03T14:34:29	1	0	10	9	1	0.9714	0.9750	0.0037	-0.9985	-0.9985	0.0000
2023-08-03T14:35:49	1	0	16	16	0	1.0513	1.0512	-0.0001	0.9543	0.9542	0.0001
2023-08-03T14:35:52	1	0	26	25	1	1.0348	1.0351	0.0003	0.9952	0.9951	0.0001
2023-08-03T14:46:08	1	0	79	78	1	0.9278	0.9281	0.0003	0.9762	0.9764	-0.0002
2023-08-03T14:46:56	1	0	1	1	0	0.9306	0.9310	0.0004	-1	-1	0.0000
2023-08-03T14:48:22	1	0	3	3	0	1.0187	1.0184	-0.0003	0.9945	0.9944	0.0001
2023-08-03T14:49:30	1	0	16	13	3	0.9594	0.9624	0.0030	-0.999	-0.9989	-0.0001
2023-08-03T14:57:14	1	0	40	37	3	1.0572	1.0569	-0.0003	0.9999	0.9951	0.0048
2023-08-03T15:00:57	1	0	1	1	0	0.9442	0.9448	0.0006	0.9933	0.9934	-0.0001
2023-08-03T15:16:18	1	0	10	10	0	1.0415	1.0414	0.0000	0.9892	0.9891	0.0001
2023-08-03T15:22:14	1	0	5	5	0	0.9443	0.9445	0.0002	0.8278	0.8283	-0.0005
2023-08-03T15:24:11	1	0	102	98	4	1.0522	1.0520	-0.0002	-0.9916	-0.9916	0.0000
2023-08-03T15:38:56	1	0	4	4	0	0.9402	0.9404	0.0002	0.9311	0.9321	-0.0010
2023-08-03T15:43:32	1	0	88	88	0	0.9245	0.9249	0.0004	0.9703	0.9703	0.0000
2023-08-03T15:48:22	1	0	78	77	1	1.0472	1.0471	-0.0001	0.9523	0.9523	0.0000
2023-08-03T15:51:01	1	0	1	1	0	1.0365	1.0358	-0.0007	-0.9998	-0.9998	0.0000
2023-08-03T15:54:13	1	0	117	116	1	1.0516	1.0516	0.0000	-0.9916	-0.9916	0.0000
2023-08-03T16:01:54	1	0	3	3	0	1.0050	1.0053	0.0003	0.9996	0.9996	0.0000
2023-08-03T16:25:30	1	0	61	60	1	0.9535	0.9537	0.0003	0.993	0.9931	-0.0001
2023-08-03T16:29:13	1	0	11	9	2	0.9428	0.9427	-0.0001	0.9979	0.9979	0.0000
2023-08-03T16:55:32	1	0	60	59	1	0.9357	0.9361	0.0005	0.9968	0.9962	0.0006
2023-08-03T17:09:18	1	0	265	264	1	1.0544	1.0544	0.0000	-0.9959	-0.9957	-0.0002
2023-08-03T17:10:24	1	0	1	1	0	1.0459	1.0459	0.0000	0.9808	0.9808	0.0000
2023-08-03T17:10:59	1	0	25	25	0	1.0484	1.0484	0.0000	0.9961	0.9962	-0.0001
2023-08-03T17:14:45	1	0	34	34	0	1.0489	1.0489	0.0000	1	1	0.0000
2023-08-03T17:26:00	1	0	14	14	0	1.0445	1.0445	0.0000	0.9956	0.9964	-0.0008
2023-08-03T17:37:22	1	0	1	1	0	1.0287	1.0287	0.0000	-0.9993	-0.9992	-0.0001
2023-08-03T17:38:26	1	0	1	1	0	1.0560	1.0560	0.0000	0.9911	0.991	0.0001
2023-08-03T17:52:58	1	0	3	3	0	0.9605	0.9605	0.0000	0.9983	0.9983	0.0000
2023-08-04T08:12:32	1	0	1	1	0	1.0349	1.0349	0.0000	0.9931	0.9931	0.0000
2023-08-04T08:13:41	1	0	4	4	0	1.0274	1.0271	-0.0003	-0.9999	-0.9999	0.0000
2023-08-04T08:14:09	1	0	4	4	0	1.0473	1.0473	0.0000	0.9929	0.9929	0.0000
2023-08-04T08:16:31	1	0	1	1	0	1.0349	1.0349	0.0000	0.9874	0.9868	0.0006
2023-08-04T08:16:43	1	0	494	494	0	1.0724	1.0724	0.0000	0.9969	0.9969	0.0000
2023-08-04T08:18:52	1	0	2	2	0	1.0383	1.0383	0.0000	-0.9999	-0.9999	0.0000
2023-08-04T08:24:51	1	0	22	22	0	1.0452	1.0452	0.0000	-0.9999	-0.9999	0.0000
2023-08-04T08:27:28	1	0	1	1	0	1.0453	1.0453	0.0000	0.9765	0.9765	0.0000
2023-08-04T08:28:42	1	0	4	4	0	1.0281	1.0279	-0.0003	-0.9997	-0.9998	0.0001
2023-08-04T08:50:03	2	0	290	290	0	0.8863	0.8864	0.0001	0.8984	0.8984	0.0000
2023-08-04T08:51:51	1	0	1	1	0	0.9436	0.9440	0.0004	-0.9985	-0.9984	-0.0001
2023-08-04T09:05:26	1	0	68	67	1	1.0562	1.0562	0.0000	-0.9995	-0.9995	0.0000
2023-08-04T09:10:46	1	0	1	1	0	1.0329	1.0322	-0.0007	-0.9859	-0.9857	-0.0002
2023-08-04T09:16:22	1	0	1	1	0	0.9439	0.9443	0.0004	-0.9999	-0.9999	0.0000
2023-08-04T09:20:27	1	0	44	44	0	1.0544	1.0544	0.0000	-0.9991	-0.9991	0.0000
2023-08-04T09:20:49	1	0	338	327	11	1.0554	1.0553	-0.0001	0.9917	0.9933	-0.0016
2023-08-04T09:25:14	1	0	29	27	2	0.9419	0.9420	0.0001	0.9738	0.974	-0.0002
2023-08-04T09:29:04	1	0	2	2	0	1.0387	1.0385	-0.0003	-0.9931	-0.9932	0.0001
2023-08-04T09:35:28	1	0	41	41	0	1.0528	1.0526	-0.0002	-0.9996	-0.9996	0.0000
2023-08-04T09:40:39	1	0	5	5	0	1.0514	1.0511	-0.0003	0.9864	0.9864	0.0000

2023-08-04T09:45:55	1	0	3	3	0	1.0335	1.0333	-0.0002	0.9936	0.9935	0.0001
2023-08-04T09:50:10	1	0	309	309	0	0.8403	0.8404	0.0001	0.9001	0.9003	-0.0002
2023-08-04T09:50:29	1	0	42	41	1	1.0517	1.0516	-0.0002	-0.9993	-0.9994	0.0001
2023-08-04T09:51:46	1	0	4	4	0	1.0168	1.0166	-0.0002	-0.9988	-0.9988	0.0000
2023-08-04T09:53:30	1	0	41	30	11	0.9452	0.9461	0.0009	0.9947	0.9949	-0.0002
2023-08-04T09:58:24	1	0	1	1	0	1.0252	1.0246	-0.0006	0.99	0.9899	0.0001
2023-08-04T09:59:58	1	0	1	1	0	0.9415	0.9423	0.0008	0.9822	0.9823	-0.0001
2023-08-04T10:00:51	1	0	1	1	0	0.8191	0.8195	0.0004	0.9891	0.9892	-0.0001
2023-08-04T10:04:15	1	0	46	44	2	0.9678	0.9665	-0.0013	0.9782	0.9782	0.0000
2023-08-04T10:04:28	1	0	1	1	0	0.9869	0.9874	0.0005	0.9926	0.9927	-0.0001
2023-08-04T10:05:08	1	0	2	2	0	1.0428	1.0421	-0.0007	0.9944	0.9943	0.0001
2023-08-04T10:05:11	1	0	352	354	-2	0.8891	0.8891	-0.0001	0.8929	0.8931	-0.0002
2023-08-04T10:05:29	1	0	25	23	2	1.0538	1.0544	0.0006	0.9706	0.9703	0.0003
2023-08-04T10:05:30	1	0	33	30	3	1.0517	1.0514	-0.0003	-0.9999	-0.9999	0.0000
2023-08-04T10:06:47	1	0	16	14	2	0.9450	0.9455	0.0005	0.9995	0.9996	-0.0001
2023-08-04T10:07:23	1	0	5	5	0	1.0313	1.0313	-0.0001	-0.9974	-0.9975	0.0001
2023-08-04T10:10:01	1	0	11	11	0	1.0252	1.0252	0.0000	1	1	0.0000
2023-08-04T10:10:57	1	0	190	189	1	0.8657	0.8657	0.0000	0.9944	0.9944	0.0000
2023-08-04T10:15:41	1	0	8	8	0	1.0491	1.0491	0.0000	-0.9956	-0.9955	-0.0001
2023-08-04T10:15:50	1	0	89	60	29	1.0289	1.0384	0.0095	0.993	0.9937	-0.0007
2023-08-04T10:17:11	1	0	43	41	2	0.9477	0.9480	0.0003	0.9875	0.9876	-0.0001
2023-08-04T10:18:25	1	0	163	162	1	1.0589	1.0589	0.0000	-0.9698	-0.9698	0.0000
2023-08-04T10:18:47	1	0	1	0	1	1.0556	null	null	0.9666	0.9666	0.0000
2023-08-04T10:19:04	1	0	3	3	0	1.0418	1.0416	-0.0002	0.9997	0.9997	0.0000
2023-08-04T10:20:12	1	0	153	152	1	0.9089	0.9089	0.0000	0.9216	0.9213	0.0003
2023-08-04T10:20:30	1	0	19	19	0	1.0517	1.0516	-0.0001	0.968	0.9679	0.0001
2023-08-04T10:20:31	1	0	32	30	2	1.0505	1.0511	0.0006	-0.9998	-0.9998	0.0000
2023-08-04T10:22:59	1	0	3	3	0	1.0300	1.0299	-0.0001	0.9762	0.9752	0.0010
2023-08-04T10:24:29	1	0	9	9	0	1.0309	1.0308	-0.0001	0.9593	0.9592	0.0001
2023-08-04T10:28:29	1	0	2	2	0	1.0057	1.0054	-0.0004	-0.982	-0.9796	-0.0024
2023-08-04T10:33:48	1	0	1	1	0	1.0563	1.0560	-0.0003	0.9735	0.9735	0.0000
2023-08-04T10:40:04	1	0	2	2	0	1.0102	1.0100	-0.0002	0.9965	0.9965	0.0000
2023-08-04T10:43:30	1	0	2	2	0	1.0044	1.0041	-0.0003	-0.9829	-0.9804	-0.0025
2023-08-04T10:45:26	1	0	32	31	1	1.0530	1.0528	-0.0002	0.9967	0.9966	0.0001
2023-08-04T10:47:13	1	0	9	9	0	0.9916	0.9915	-0.0001	0.9924	0.9922	0.0002
2023-08-04T10:47:59	1	0	2	2	0	1.0129	1.0127	-0.0002	0.9992	0.998	0.0012
2023-08-04T10:50:18	1	0	3	2	1	1.0492	1.0454	-0.0038	-0.8336	-0.8353	0.0017
2023-08-04T10:52:51	1	0	1	1	0	1.0611	1.0607	-0.0004	0.9918	0.9917	0.0001
2023-08-04T10:53:34	1	0	2	2	0	0.9780	0.9786	0.0006	0.996	0.9962	-0.0002
2023-08-04T10:54:31	1	0	11	11	0	1.0205	1.0205	0.0000	0.9611	0.9611	0.0000
2023-08-04T10:55:04	1	0	6	6	0	1.0219	1.0218	0.0000	-1	-1	0.0000
2023-08-04T10:55:06	1	0	2	2	0	1.0079	1.0083	0.0004	0.996	0.9952	0.0008
2023-08-04T10:57:02	1	0	55	53	2	0.9325	0.9326	0.0001	-0.9985	-0.9985	0.0000
2023-08-04T10:58:11	1	0	9	9	0	1.0396	1.0395	-0.0001	0.9992	0.9992	0.0000
2023-08-04T11:00:26	1	0	77	75	2	1.0574	1.0571	-0.0003	0.9983	0.9981	0.0002
2023-08-04T11:02:00	1	0	1	1	0	1.0393	1.0385	-0.0008	-0.9993	-0.9993	0.0000
2023-08-04T11:02:14	1	0	10	10	0	1.0153	1.0152	-0.0001	0.9923	0.9921	0.0002
2023-08-04T11:04:10	1	0	5	5	0	1.0452	1.0449	-0.0002	0.9989	0.9988	0.0001
2023-08-04T11:04:54	1	0	4	4	0	1.0479	1.0471	-0.0008	-0.998	-0.9982	0.0002
2023-08-04T11:05:19	1	0	3	3	0	1.0504	1.0501	-0.0003	-0.8397	-0.8398	0.0001
2023-08-04T11:05:33	1	0	11	11	0	1.0522	1.0520	-0.0002	0.9633	0.9632	0.0001
2023-08-04T11:05:34	1	0	30	27	3	1.0524	1.0522	-0.0002	-1	-1	0.0000
2023-08-04T11:05:56	1	0	32	32	0	1.0473	1.0473	0.0000	0.9893	0.991	-0.0017
2023-08-04T11:06:43	1	0	7	7	0	1.0237	1.0238	0.0000	-0.9924	-0.9924	0.0000
2023-08-04T11:08:35	1	0	1	1	0	0.9712	0.9715	0.0003	0.9972	0.9973	-0.0001
2023-08-04T11:11:54	1	0	2	2	0	1.0777	1.0771	-0.0006	0.9997	0.9997	0.0000
2023-08-04T11:13:45	1	0	3	3	0	1.0337	1.0334	-0.0003	1	0.9999	0.0001
2023-08-04T11:15:27	1	0	192	177	15	1.0609	1.0606	-0.0004	0.9986	0.9984	0.0002
2023-08-04T11:15:59	1	0	4	4	0	0.9497	0.9502	0.0005	0.9357	0.9366	-0.0009
2023-08-04T11:16:17	1	0	1	1	0	1.0288	1.0279	-0.0009	-0.9998	-0.9998	0.0000
2023-08-04T11:17:37	1	0	1	0	1	1.0557	null	null	0.9625	0.9601	0.0024
2023-08-04T11:18:55	1	0	5	5	0	1.0294	1.0293	0.0000	0.9884	0.9884	0.0000
2023-08-04T11:20:02	1	0	10	10	0	1.0460	1.0461	0.0001	0.8665	0.8686	-0.0021
2023-08-04T11:20:34	1	0	16	15	1	1.0428	1.0419	-0.0009	-0.9944	-0.9941	-0.0003
2023-08-04T11:20:35	1	0	36	35	1	1.0530	1.0528	-0.0001	-1	1	0.0000
2023-08-04T11:21:44	1	0	8	8	0	1.0419	1.0418	0.0000	-0.9917	-0.9917	0.0000
2023-08-04T11:25:46	1	0	1	1	0	0.9855	0.9859	0.0004	0.9981	0.9982	-0.0001
2023-08-04T11:35:36	1	0	20	20	0	1.0511	1.0508	-0.0003	0.9977	0.9977	0.0000
2023-08-04T11:45:29	1	0	148	146	2	1.0600	1.0599	0.0000	0.9983	0.9983	0.0000
2023-08-04T12:00:07	1	0	32	32	0	0.9432	0.9432	0.0000	0.978	0.9781	-0.0001
2023-08-04T12:30:50	1	0	17	17	0	1.0551	1.0551	-0.0001	-0.9998	-0.9998	0.0000
2023-08-04T13:00:44	1	0	1	0	1	0.9450	null	null	0.9926	0.9926	0.0000
2023-08-04T13:02:44	1	0	1	0	1	1.0629	null	null	0.9592	0.9593	-0.0001
2023-08-04T13:28:02	1	0	14	13	1	1.0523	1.0519	-0.0004	0.9608	0.9601	0.0007
2023-08-04T13:41:12	1	0	286	286	0	0.8496	0.8496	0.0000	0.9964	0.9964	0.0000
2023-08-04T14:01:05	1	0	3	3	0	1.0260	1.0252	-0.0007	0.9839	0.9682	0.0157
2023-08-04T14:05:47	1	0	20	20	0	1.0196	1.0197	0.0001	0.9951	0.9951	0.0000
2023-08-04T14:10:36	1	0	39	39	0	1.0516	1.0516	0.0000	0.9903	0.9903	0.0000
2023-08-04T14:10:37	1	0	6	6	0	0.9699	0.9702	0.0002	0.9955	0.9955	0.0000
2023-08-04T14:21:06	1	0	1	1	0	1.0133	1.0113	-0.0020	0.9976	0.9971	0.0005
2023-08-04T14:23:07	1	0	1	1	0	1.0418	1.0412	-0.0006	-0.9967	-0.9969	0.0002
2023-08-04T14:29:01	1	0	1	1	0	1.0360	1.0357	-0.0003	0.963	0.9628	0.0002
2023-08-04T14:31:10	1	0	99	99	0	0.9203	0.9206	0.0003	0.9686	0.9687	-0.0001
2023-08-04T14:35:49	1	0	17	17	0	1.0275	1.0273	-0.0002	0.9948	0.9937	0.0011
2023-08-04T14:36:15	1	0	5	5	0	1.0376	1.0375	-0.0001	0.9999	0.9999	0.0000

2023-08-04T14:39:47	1	0	5	5	0	1.0520	1.0518	-0.0001	0.9641	0.9632	0.0009
2023-08-04T14:40:10	1	0	8	7	1	0.9651	0.9686	0.0035	-0.9942	-0.9942	0.0000
2023-08-04T14:40:39	1	0	21	19	2	0.9635	0.9638	0.0003	0.995	0.9942	0.0008
2023-08-04T14:42:19	1	0	40	40	0	1.0503	1.0502	-0.0002	-0.9767	-0.9768	0.0001
2023-08-04T14:46:23	1	0	3	3	0	1.0253	1.0252	-0.0001	0.9795	0.9794	0.0001
2023-08-04T14:50:48	1	0	10	11	-1	1.0490	1.0485	-0.0005	0.948	0.9479	0.0001
2023-08-04T14:53:09	1	0	1	1	0	1.0359	1.0356	-0.0003	0.9992	0.9992	0.0000
2023-08-04T14:53:21	1	0	6	6	0	1.0189	1.0192	0.0003	0.9825	0.9819	0.0006
2023-08-04T14:57:20	1	0	52	52	0	1.0516	1.0516	-0.0001	-0.9701	-0.9702	0.0001
2023-08-04T15:01:32	1	0	1	1	0	0.9424	0.9435	0.0011	0.9999	1	-0.0001
2023-08-04T15:04:26	1	0	9	7	2	0.9626	0.9688	0.0063	-0.9996	-0.9996	0.0000
2023-08-04T15:05:49	1	0	31	29	2	1.0419	1.0426	0.0007	-0.9979	-0.9979	0.0000
2023-08-04T15:10:41	1	0	8	8	0	0.9658	0.9663	0.0005	0.9955	0.9946	0.0009
2023-08-04T15:16:33	1	0	1	1	0	0.9339	0.9346	0.0007	0.9996	0.9996	0.0000
2023-08-04T15:19:27	1	0	33	24	9	0.9429	0.9439	0.0010	-0.9999	-0.9998	-0.0001
2023-08-04T15:25:42	1	0	6	6	0	0.9650	0.9651	0.0001	0.9945	0.9953	-0.0008
2023-08-04T15:32:11	1	0	1	1	0	1.0384	1.0373	-0.0011	-0.9992	-0.9995	0.0003
2023-08-04T15:40:43	1	0	39	38	1	0.9406	0.9406	0.0000	0.9941	0.9941	0.0000
2023-08-04T16:04:30	1	0	69	69	0	0.9354	0.9358	0.0004	1	1	0.0000
2023-08-04T16:28:12	1	0	2	1	1	1.0200	1.0275	0.0075	0.9834	0.9834	0.0000
2023-08-04T16:58:48	1	0	1	1	0	1.0312	1.0312	0.0000	-0.9938	-0.9938	0.0000
2023-08-04T17:09:47	1	0	9	9	0	1.0437	1.0437	0.0000	0.9682	0.9681	0.0001
2023-08-04T17:23:52	1	0	13	13	0	1.0347	1.0347	0.0000	0.9997	0.9997	0.0000
2023-08-04T17:40:50	1	0	13	13	0	1.0456	1.0456	0.0000	0.9908	0.9916	-0.0008
2023-08-05T08:05:39	1	0	121	118	3	1.0619	1.0618	0.0000	-0.9998	-0.9998	0.0000
2023-08-05T08:08:21	1	0	1	1	0	0.9377	0.9377	0.0000	0.9999	0.9999	0.0000
2023-08-05T08:09:57	1	0	26	26	0	1.0408	1.0408	0.0000	-0.9982	-0.9981	-0.0001
2023-08-05T08:16:50	1	0	485	485	0	1.0712	1.0712	0.0000	0.9995	0.9995	0.0000
2023-08-05T08:17:28	1	0	1	1	0	1.0457	1.0457	0.0000	0.995	0.995	0.0000
2023-08-05T08:20:08	1	0	301	301	0	0.8197	0.8198	0.0001	0.8942	0.8943	-0.0001
2023-08-05T08:50:10	1	0	301	301	0	0.8245	0.8245	0.0000	0.894	0.894	0.0000
2023-08-05T08:51:57	1	0	3	3	0	0.9435	0.9438	0.0003	-0.9974	-0.9973	-0.0001
2023-08-05T08:55:50	1	0	2	2	0	1.0326	1.0322	-0.0004	-0.956	-0.9555	-0.0005
2023-08-05T09:01:50	1	0	36	35	1	1.0589	1.0589	0.0000	0.9995	0.9995	0.0000
2023-08-05T09:14:58	1	0	2	2	0	0.9404	0.9406	0.0002	0.9848	0.9849	-0.0001
2023-08-05T09:20:12	1	0	310	309	1	0.8376	0.8350	-0.0027	0.8861	0.8861	0.0000
2023-08-05T09:20:44	1	0	15	15	0	1.0504	1.0503	-0.0001	0.9968	0.9967	0.0001
2023-08-05T09:25:18	1	0	18	18	0	0.9444	0.9445	0.0001	0.9883	0.9885	-0.0002
2023-08-05T09:29:11	1	0	2	2	0	1.0253	1.0251	-0.0002	-0.9901	-0.9902	0.0001
2023-08-05T09:36:53	1	0	22	21	1	0.9442	0.9445	0.0003	-0.9995	-0.9995	0.0000
2023-08-05T09:40:48	1	0	29	28	1	1.0555	1.0553	-0.0002	0.9868	0.9868	0.0000
2023-08-05T09:45:57	1	0	1	1	0	1.0181	1.0178	-0.0003	-0.993	-0.9932	0.0002
2023-08-05T09:55:54	1	0	1	1	0	1.0332	1.0328	-0.0004	-0.9667	-0.9664	-0.0003
2023-08-05T10:00:01	1	0	38	38	0	0.9416	0.9417	0.0001	0.9843	0.9844	-0.0001
2023-08-05T10:00:54	1	0	1	1	0	0.8102	0.8106	0.0004	0.9996	0.9997	-0.0001
2023-08-05T10:01:00	1	0	2	2	0	1.0352	1.0350	-0.0002	0.9957	0.9956	0.0001
2023-08-05T10:03:51	1	0	1	1	0	0.9442	0.9446	0.0004	0.9755	0.9759	-0.0004
2023-08-05T10:05:10	1	0	1	1	0	1.0412	1.0405	-0.0007	0.9979	0.998	-0.0001
2023-08-05T10:09:34	1	0	1	1	0	0.9846	0.9849	0.0003	0.9181	0.9185	-0.0004
2023-08-05T10:09:35	1	0	7	7	0	1.0237	1.0236	-0.0001	0.9608	0.9607	0.0001
2023-08-05T10:09:57	1	0	3	3	0	1.0017	1.0019	0.0002	-0.9833	-0.9833	0.0000
2023-08-05T10:10:08	1	0	11	11	0	1.0140	1.0139	0.0000	-0.9985	-0.9985	0.0000
2023-08-05T10:15:53	1	0	1	1	0	1.0428	1.0425	-0.0003	-0.9988	-0.9987	-0.0001
2023-08-05T10:19:39	1	0	2	2	0	0.9888	0.9890	0.0001	0.997	0.9971	-0.0001
2023-08-05T10:19:58	1	0	4	4	0	1.0481	1.0474	-0.0007	-0.9958	-0.9959	0.0001
2023-08-05T10:20:40	1	0	6	6	0	0.9404	0.9408	0.0004	1	1	0.0000
2023-08-05T10:20:57	1	0	7	7	0	1.0389	1.0388	-0.0001	0.9913	0.9912	0.0001
2023-08-05T10:24:36	1	0	7	7	0	1.0111	1.0111	-0.0001	0.9643	0.9643	0.0000
2023-08-05T10:25:18	1	0	4	4	0	0.9762	0.9759	-0.0004	0.9998	0.9998	0.0000
2023-08-05T10:27:33	1	0	8	8	0	0.9863	0.9863	0.0000	0.9653	0.9656	-0.0003
2023-08-05T10:31:02	1	0	4	4	0	1.0327	1.0326	-0.0001	0.9957	0.9957	0.0000
2023-08-05T10:32:40	1	0	1	0	1	1.0556	null	null	0.9902	0.9901	0.0001
2023-08-05T10:33:53	1	0	1	1	0	1.0597	1.0594	-0.0003	0.9801	0.9801	0.0000
2023-08-05T10:35:41	1	0	19	19	0	0.9390	0.9394	0.0004	0.9998	0.9998	0.0000
2023-08-05T10:38:03	1	0	3	3	0	0.9720	0.9724	0.0004	0.9592	0.959	0.0002
2023-08-05T10:43:32	1	0	1	1	0	1.0139	1.0131	-0.0008	0.9914	0.9914	0.0000
2023-08-05T10:46:38	1	0	1	0	1	0.9448	null	null	-0.9984	-0.9984	0.0000
2023-08-05T10:47:22	1	0	18	18	0	0.9896	0.9895	-0.0001	0.9987	0.9986	0.0001
2023-08-05T10:50:50	1	0	20	19	1	1.0459	1.0452	-0.0007	0.9888	0.9885	0.0003
2023-08-05T10:58:58	1	0	2	2	0	1.0333	1.0315	-0.0017	-0.9886	-0.9889	0.0003
2023-08-05T11:00:30	1	0	35	34	1	1.0521	1.0518	-0.0003	0.992	0.9918	0.0002
2023-08-05T11:00:56	1	0	1	1	0	1.0395	1.0392	-0.0003	-0.9999	-0.9999	0.0000
2023-08-05T11:02:23	1	0	64	64	0	0.9439	0.9439	0.0000	0.9984	0.9983	0.0001
2023-08-05T11:04:18	1	0	1	1	0	1.0308	1.0305	-0.0003	0.9988	0.9988	0.0000
2023-08-05T11:05:22	1	0	1	0	1	1.0550	null	null	0.9692	0.9692	0.0000
2023-08-05T11:05:24	1	0	3	3	0	1.0494	1.0487	-0.0008	-0.885	-0.8865	0.0015
2023-08-05T11:05:51	1	0	15	15	0	1.0444	1.0443	-0.0001	0.987	0.987	0.0000
2023-08-05T11:06:07	1	0	4	4	0	1.0406	1.0402	-0.0004	0.9857	0.9852	0.0005
2023-08-05T11:06:51	1	0	6	6	0	0.9873	0.9872	-0.0001	1	1	0.0000
2023-08-05T11:06:59	1	0	80	79	1	0.9391	0.9392	0.0001	-1	-1	0.0000
2023-08-05T11:08:30	1	0	32	31	1	1.0466	1.0463	-0.0003	-0.9863	-0.9862	-0.0001
2023-08-05T11:12:01	1	0	2	2	0	0.9917	0.9913	-0.0003	0.978	0.9773	0.0007
2023-08-05T11:15:31	1	0	41	40	1	1.0529	1.0526	-0.0003	0.9889	0.9885	0.0004
2023-08-05T11:16:21	1	0	1	1	0	0.9422	0.9432	0.0010	-0.9976	-0.9975	-0.0001
2023-08-05T11:18:56	1	0	3	4	-1	1.0355	1.0405	0.0050	0.9829	0.9833	-0.0004

2023-08-05T11:21:52	1	0	7	7	0	0.9867	0.9868	0.0001	0.9999	0.9999	0.0000
2023-08-05T11:25:13	1	0	3	3	0	1.0136	1.0135	-0.0001	-0.9989	-0.9989	0.0000
2023-08-05T11:25:21	1	0	25	24	1	0.9537	0.9537	0.0000	0.9992	0.9992	0.0000
2023-08-05T11:27:01	1	0	2	2	0	1.0771	1.0765	-0.0006	0.9998	0.9998	0.0000
2023-08-05T11:30:32	1	0	39	38	1	1.0529	1.0529	0.0000	0.9861	0.9861	0.0000
2023-08-05T11:40:03	1	0	10	10	0	1.0409	1.0409	0.0000	-0.9884	-0.9885	0.0001
2023-08-05T11:40:53	1	0	1	1	0	0.9897	0.9900	0.0003	0.9979	0.9979	0.0000
2023-08-05T12:01:43	1	0	4	4	0	0.9295	0.9296	0.0001	-0.9992	-0.9992	0.0000
2023-08-05T12:31:55	1	0	1	1	0	0.9441	0.9449	0.0008	0.9783	0.9782	0.0001
2023-08-05T12:49:06	1	0	4	4	0	0.9420	0.9424	0.0004	0.9937	0.994	-0.0003
2023-08-05T13:00:04	1	0	29	29	0	1.0498	1.0497	-0.0001	0.9861	0.9861	0.0000
2023-08-05T13:03:03	1	0	1	1	0	0.9393	0.9398	0.0005	0.9234	0.9246	-0.0012
2023-08-05T13:17:07	1	0	55	55	0	1.0551	1.0551	-0.0001	-0.9856	-0.9857	0.0001
2023-08-05T13:19:04	1	0	4	4	0	1.0307	1.0306	-0.0001	0.987	0.9869	0.0001
2023-08-05T13:37:07	1	0	6	6	0	1.0470	1.0469	0.0000	-0.9948	-0.9949	0.0001
2023-08-05T13:53:27	1	0	21	20	1	1.0466	1.0461	-0.0005	0.9846	0.9856	-0.0010
2023-08-05T14:00:42	1	0	16	16	0	1.0354	1.0354	0.0001	0.9823	0.9824	-0.0001
2023-08-05T14:02:21	1	0	3	3	0	0.9797	0.9798	0.0001	0.9994	0.9994	0.0000
2023-08-05T14:17:22	1	0	3	3	0	0.9799	0.9800	0.0001	0.9993	0.9994	-0.0001
2023-08-05T14:31:13	1	0	183	183	0	0.9213	0.9215	0.0003	0.9812	0.9813	-0.0001
2023-08-05T14:31:34	1	0	1	1	0	0.9329	0.9332	0.0003	-1	-1	0.0000
2023-08-05T14:36:24	1	0	3	3	0	1.0473	1.0472	-0.0001	0.9717	0.9712	0.0005
2023-08-05T14:42:49	1	0	1	1	0	0.9865	0.9868	0.0003	-0.9969	-0.9969	0.0000
2023-08-05T14:53:21	1	0	3	3	0	1.0037	1.0041	0.0003	0.9698	0.9692	0.0006
2023-08-05T15:01:15	1	0	207	206	1	0.9182	0.9181	0.0000	0.9825	0.9824	0.0001
2023-08-05T15:01:36	1	0	2	2	0	0.9746	0.9742	-0.0005	-0.9993	-0.9993	0.0000
2023-08-05T15:08:15	1	0	1	0	1	1.0436	null	null	-0.9681	-0.9682	0.0001
2023-08-05T15:12:51	1	0	2	2	0	0.9636	0.9642	0.0006	-0.9982	-0.9981	-0.0001
2023-08-05T15:21:16	1	0	1	1	0	0.9437	0.9440	0.0003	0.9663	0.9675	-0.0012
2023-08-05T15:23:16	1	0	2	2	0	1.0449	1.0446	-0.0004	-0.967	-0.9671	0.0001
2023-08-05T15:25:37	1	0	83	81	2	0.9245	0.9246	0.0002	0.9911	0.9912	-0.0001
2023-08-05T15:34:16	1	0	160	159	1	0.9262	0.9267	0.0005	0.9866	0.9868	-0.0002
2023-08-05T15:36:17	1	0	1	1	0	0.9412	0.9417	0.0005	0.9646	0.9659	-0.0013
2023-08-05T15:40:38	1	0	83	80	3	0.9278	0.9278	0.0000	0.9932	0.9933	-0.0001
2023-08-05T15:41:50	1	0	9	9	0	1.0457	1.0457	0.0000	-1	-1	0.0000
2023-08-05T15:53:58	1	0	3	3	0	0.9429	0.9436	0.0008	0.9918	0.992	-0.0002
2023-08-05T16:01:19	1	0	211	211	0	0.9132	0.9135	0.0003	0.9809	0.9811	-0.0002
2023-08-05T16:10:40	1	0	62	57	5	0.9336	0.9337	0.0002	0.993	0.993	0.0000
2023-08-05T16:14:14	1	0	2	2	0	1.0027	1.0029	0.0002	-0.9998	-0.9998	0.0000
2023-08-05T16:40:04	1	0	1	1	0	0.9418	0.9425	0.0007	0.9788	0.9791	-0.0003
2023-08-05T16:40:42	1	0	98	98	0	0.9302	0.9304	0.0002	0.9974	0.9931	0.0043
2023-08-05T16:42:25	1	0	8	8	0	0.9360	0.9362	0.0002	0.9822	0.9823	-0.0001
2023-08-05T17:07:26	1	0	1	1	0	1.0372	1.0372	0.0000	-0.9866	-0.9866	0.0000
2023-08-05T17:29:54	1	0	24	24	0	1.0502	1.0502	0.0000	-0.9996	-0.9996	0.0000
2023-08-05T17:43:41	1	0	1	1	0	1.0258	1.0258	0.0000	0.9998	0.9998	0.0000
2023-08-06T08:08:19	1	0	8	8	0	1.0317	1.0317	0.0000	-0.9996	-0.9996	0.0000
2023-08-06T08:13:48	1	0	1	1	0	1.0301	1.0298	-0.0003	-0.9767	-0.9759	-0.0008
2023-08-06T08:16:52	1	0	502	502	0	1.0748	1.0748	0.0000	0.9953	0.9954	-0.0001
2023-08-06T08:19:02	1	0	39	39	0	1.0597	1.0596	-0.0001	-0.9934	-0.9932	-0.0002
2023-08-06T08:24:58	1	0	1	1	0	1.0426	1.0426	0.0000	-0.9989	-0.9988	-0.0001
2023-08-06T08:33:41	1	0	14	14	0	0.9406	0.9408	0.0002	0.9588	0.9588	0.0000
2023-08-06T08:35:09	1	0	299	299	0	0.8730	0.8731	0.0000	0.8947	0.8948	-0.0001
2023-08-06T08:35:28	1	0	105	104	1	1.0546	1.0545	0.0000	-1	-1	0.0000
2023-08-06T08:36:49	1	0	1	1	0	1.0327	1.0327	0.0000	-0.9893	-0.9889	-0.0004
2023-08-06T08:47:18	1	0	5	5	0	1.0302	1.0301	-0.0001	0.9854	0.9849	0.0005
2023-08-06T08:59:19	1	0	3	3	0	1.0459	1.0459	0.0000	-1	-1	0.0000
2023-08-06T09:05:11	1	0	302	302	0	0.8197	0.8197	0.0000	0.8925	0.8925	0.0000
2023-08-06T09:10:50	1	0	1	0	1	1.0363	null	null	-0.9508	-0.9502	-0.0006
2023-08-06T09:14:56	1	0	61	55	6	0.9406	0.9410	0.0004	0.9675	0.9675	0.0000
2023-08-06T09:20:31	1	0	33	27	6	1.0545	1.0543	-0.0002	0.9989	0.9989	0.0000
2023-08-06T09:29:11	1	0	2	2	0	1.0283	1.0281	-0.0003	-0.9883	-0.9884	0.0001
2023-08-06T09:29:57	1	0	12	11	1	0.9433	0.9432	-0.0001	0.9861	0.9869	-0.0008
2023-08-06T09:33:46	1	0	6	6	0	1.0289	1.0287	-0.0002	0.9887	0.9886	0.0001
2023-08-06T09:36:55	1	0	11	10	1	0.9461	0.9466	0.0004	-0.9991	-0.9991	0.0000
2023-08-06T09:40:46	1	0	36	36	0	1.0591	1.0588	-0.0002	0.9923	0.9923	0.0000
2023-08-06T09:41:04	1	0	109	109	0	0.8739	0.8739	0.0000	0.9871	0.9871	0.0000
2023-08-06T09:41:51	1	0	2	2	0	0.9947	0.9945	-0.0002	0.9627	0.9621	0.0006
2023-08-06T09:50:09	1	0	1	1	0	1.0409	1.0404	-0.0005	0.997	0.9971	-0.0001
2023-08-06T09:50:17	1	0	299	299	0	0.8717	0.8719	0.0001	0.9022	0.9021	0.0001
2023-08-06T10:00:26	1	0	42	40	2	1.0522	1.0520	-0.0002	0.9947	0.9946	0.0001
2023-08-06T10:00:54	1	0	1	1	0	0.7965	0.7969	0.0004	0.9968	0.9968	0.0000
2023-08-06T10:02:01	1	0	1	1	0	1.0402	1.0397	-0.0005	-0.9947	-0.9948	0.0001
2023-08-06T10:02:21	1	0	6	6	0	0.9963	0.9964	0.0001	0.9994	0.9995	-0.0001
2023-08-06T10:05:40	1	0	6	6	0	0.9403	0.9406	0.0004	1	1	0.0000
2023-08-06T10:10:05	1	0	10	10	0	0.9444	0.9445	0.0001	0.9997	0.9997	0.0000
2023-08-06T10:10:48	1	0	34	34	0	1.0585	1.0582	-0.0003	0.9901	0.99	0.0001
2023-08-06T10:13:53	1	0	1	0	1	1.0315	null	null	0.9941	0.9941	0.0000
2023-08-06T10:15:27	1	0	24	22	2	1.0494	1.0491	-0.0003	0.9922	0.992	0.0002
2023-08-06T10:15:46	1	0	1	1	0	1.0434	1.0431	-0.0003	-0.9992	-0.9991	-0.0001
2023-08-06T10:16:01	1	0	2	2	0	1.0263	1.0260	-0.0003	0.9928	0.9927	0.0001
2023-08-06T10:17:22	1	0	7	7	0	1.0476	1.0476	0.0000	-0.9697	-0.9699	0.0002
2023-08-06T10:19:33	1	0	4	4	0	0.9973	0.9974	0.0001	0.981	0.9812	-0.0002
2023-08-06T10:20:19	1	0	106	106	0	0.9183	0.9183	0.0000	0.9473	0.947	0.0003
2023-08-06T10:20:35	1	0	26	25	1	1.0525	1.0522	-0.0003	0.9941	0.994	0.0001
2023-08-06T10:20:41	1	0	27	25	2	0.9373	0.9377	0.0004	0.9997	0.9998	-0.0001

2023-08-06T10:24:37	1	0	9	9	0	1.0165	1.0164	-0.0001	0.9691	0.9691	0.0000
2023-08-06T10:25:08	1	0	4	4	0	1.0002	1.0001	0.0000	0.9976	0.9976	0.0000
2023-08-06T10:25:48	1	0	3	3	0	1.0207	1.0208	0.0001	0.9996	0.9996	0.0000
2023-08-06T10:32:23	1	0	13	13	0	0.9951	0.9949	-0.0001	0.9988	0.9987	0.0001
2023-08-06T10:34:12	1	0	1	1	0	1.0296	1.0293	-0.0003	-0.9999	-0.9999	0.0000
2023-08-06T10:35:00	1	0	4	4	0	1.0475	1.0468	-0.0007	0.9987	0.9986	0.0001
2023-08-06T10:35:36	1	0	17	17	0	1.0503	1.0502	-0.0001	0.9926	0.9925	0.0001
2023-08-06T10:35:58	1	0	1	0	1	0.9963	null	null	0.985	0.9853	-0.0003
2023-08-06T10:36:00	1	0	20	20	0	1.0458	1.0458	0.0000	0.9893	0.9892	0.0001
2023-08-06T10:40:07	1	0	13	12	1	0.9599	0.9599	0.0000	0.9992	0.9987	0.0005
2023-08-06T10:44:46	1	0	27	27	0	0.9249	0.9250	0.0001	0.991	0.9909	0.0001
2023-08-06T10:50:59	1	0	1	0	1	0.9964	null	null	0.9842	0.9848	-0.0006
2023-08-06T10:51:01	1	0	16	16	0	1.0440	1.0439	-0.0001	0.9886	0.9885	0.0001
2023-08-06T10:52:02	1	0	82	81	1	0.9398	0.9399	0.0001	-1	-1	0.0000
2023-08-06T10:53:24	1	0	3	3	0	1.0372	1.0364	-0.0008	-0.986	-0.9861	0.0001
2023-08-06T10:55:16	1	0	56	56	0	1.0536	1.0536	-0.0001	0.9927	0.9926	0.0001
2023-08-06T10:56:58	1	0	2	2	0	1.0760	1.0756	-0.0005	-0.9712	-0.9712	0.0000
2023-08-06T10:57:34	1	0	33	32	1	0.9528	0.9525	-0.0002	0.9666	0.9668	-0.0002
2023-08-06T11:00:30	1	0	10	9	1	1.0462	1.0461	-0.0001	0.9895	0.9894	0.0001
2023-08-06T11:01:20	1	0	1	0	1	0.9445	null	null	-0.9993	-0.9993	0.0000
2023-08-06T11:02:25	1	0	41	40	1	0.9574	0.9574	0.0000	0.9968	0.9967	0.0001
2023-08-06T11:06:07	1	0	4	4	0	1.0450	1.0447	-0.0003	0.9954	0.9951	0.0003
2023-08-06T11:06:46	1	0	6	6	0	0.9921	0.9920	-0.0002	-0.9999	-0.9999	0.0000
2023-08-06T11:06:56	1	0	6	6	0	0.9444	0.9445	0.0001	0.8428	0.8436	-0.0008
2023-08-06T11:07:03	1	0	90	89	1	0.9387	0.9388	0.0001	-0.9999	-0.9999	0.0000
2023-08-06T11:10:58	1	0	2	2	0	0.9876	0.9872	-0.0005	-0.9869	-0.9869	0.0000
2023-08-06T11:10:59	1	0	2	2	0	0.9341	0.9349	0.0008	0.9972	0.9973	-0.0001
2023-08-06T11:13:54	1	0	3	3	0	0.9895	0.9907	0.0013	-0.9977	-0.9976	-0.0001
2023-08-06T11:15:58	1	0	89	89	0	0.9243	0.9246	0.0003	0.9859	0.9859	0.0000
2023-08-06T11:16:21	1	0	1	1	0	0.9442	0.9449	0.0007	-0.997	-0.9969	-0.0001
2023-08-06T11:21:01	1	0	1	1	0	1.0000	0.9986	-0.0014	0.9821	0.9826	-0.0005
2023-08-06T11:21:08	1	0	5	5	0	1.0449	1.0448	-0.0001	-0.9977	-0.9978	0.0001
2023-08-06T11:21:47	1	0	6	6	0	0.9941	0.9941	-0.0001	-0.9999	-0.9999	0.0000
2023-08-06T11:23:26	1	0	12	11	1	1.0418	1.0426	0.0008	-0.9882	-0.9883	0.0001
2023-08-06T11:24:36	1	0	1	1	0	0.9840	0.9844	0.0004	0.9618	0.962	-0.0002
2023-08-06T11:31:02	1	0	58	31	27	0.9448	0.9502	0.0054	0.9883	0.9892	-0.0009
2023-08-06T11:38:02	1	0	1	1	0	1.0641	1.0637	-0.0004	0.9967	0.9966	0.0001
2023-08-06T11:58:57	1	0	3	3	0	0.9962	0.9965	0.0003	-0.9979	-0.9979	0.0000
2023-08-06T12:00:34	1	0	219	219	0	1.0605	1.0604	0.0000	0.9991	0.9991	0.0000
2023-08-06T12:03:56	1	0	47	46	1	0.9669	0.9644	-0.0025	0.9938	0.994	-0.0002
2023-08-06T12:07:36	1	0	57	57	0	1.0527	1.0526	-0.0001	-0.9905	-0.9906	0.0001
2023-08-06T12:09:45	1	0	2	2	0	1.0560	1.0556	-0.0004	0.9824	0.9924	-0.0100
2023-08-06T12:22:37	1	0	46	45	1	1.0504	1.0502	-0.0001	-0.9907	-0.9906	-0.0001
2023-08-06T12:23:14	1	0	13	12	1	1.0433	1.0424	-0.0010	0.9839	0.9853	-0.0014
2023-08-06T12:58:47	1	0	12	9	3	0.9488	0.9464	-0.0024	-0.9961	-0.996	-0.0001
2023-08-06T13:22:19	1	0	1	1	0	0.9417	0.9423	0.0006	0.9972	0.9973	-0.0001
2023-08-06T13:40:11	1	0	59	53	6	0.9453	0.9456	0.0003	-0.998	-0.998	0.0000
2023-08-06T13:52:07	1	0	3	3	0	1.0433	1.0431	-0.0001	-0.9998	-0.9999	0.0001
2023-08-06T13:55:21	1	0	65	65	0	0.9362	0.9362	0.0000	0.9935	0.9936	-0.0001
2023-08-06T14:01:34	1	0	4	4	0	1.0462	1.0459	-0.0003	0.9709	0.9704	0.0005
2023-08-06T14:04:11	1	0	2	2	0	0.9429	0.9431	0.0002	0.9835	0.9837	-0.0002
2023-08-06T14:08:09	1	0	1	0	1	1.0377	null	null	-0.9916	-0.9918	0.0002
2023-08-06T14:13:46	1	0	1	1	0	0.9199	0.9205	0.0006	0.9884	0.9885	-0.0001
2023-08-06T14:15:56	1	0	12	11	1	0.9532	0.9543	0.0012	0.9981	0.9982	-0.0001
2023-08-06T14:16:20	1	0	4	4	0	1.0312	1.0312	-0.0001	0.9917	0.9917	0.0000
2023-08-06T14:16:33	2	0	30	29	1	0.9457	0.9385	-0.0071	-0.9998	-0.9998	0.0000
2023-08-06T14:17:54	1	0	4	3	1	0.9531	0.9569	0.0038	0.9971	0.9943	0.0028
2023-08-06T14:18:19	1	0	5	5	0	0.9746	0.9744	-0.0002	0.9912	0.9911	0.0001
2023-08-06T14:23:10	1	0	1	1	0	1.0375	1.0372	-0.0003	-0.9927	-0.9927	0.0000
2023-08-06T14:23:53	1	0	3	3	0	0.9429	0.9438	0.0009	0.991	0.9913	-0.0003
2023-08-06T14:27:57	1	0	3	3	0	0.9571	0.9581	0.0010	-0.9933	-0.9932	-0.0001
2023-08-06T14:28:47	1	0	1	1	0	1.0168	1.0154	-0.0014	0.9962	0.9961	0.0001
2023-08-06T14:31:03	1	0	2	2	0	1.0345	1.0342	-0.0004	0.999	0.999	0.0000
2023-08-06T14:33:08	1	0	18	18	0	0.9416	0.9417	0.0000	0.9605	0.9614	-0.0009
2023-08-06T14:34:16	1	0	2	2	0	0.9913	0.9920	0.0008	0.9979	0.998	-0.0001
2023-08-06T14:38:54	1	0	26	22	4	0.9410	0.9416	0.0006	0.9909	0.9911	-0.0002
2023-08-06T14:40:24	1	0	128	128	0	0.9350	0.9357	0.0007	0.9947	0.9948	-0.0001
2023-08-06T14:42:58	1	0	4	4	0	0.9461	0.9469	0.0008	-0.9954	-0.9953	-0.0001
2023-08-06T14:45:47	1	0	6	6	0	0.9594	0.9600	0.0006	0.9905	0.9905	0.0000
2023-08-06T14:46:04	1	0	11	10	1	1.0577	1.0574	-0.0003	0.9996	0.9996	0.0000
2023-08-06T14:49:07	1	0	78	77	1	0.9420	0.9421	0.0001	0.9954	0.9955	-0.0001
2023-08-06T14:53:55	1	0	11	9	2	0.9426	0.9425	-0.0001	0.9904	0.9905	-0.0001
2023-08-06T14:55:25	1	0	126	127	-1	0.9219	0.9226	0.0007	0.9947	0.9948	-0.0001
2023-08-06T15:00:59	1	0	6	6	0	0.9470	0.9470	0.0000	0.9989	0.9989	0.0000
2023-08-06T15:06:18	1	0	1	1	0	0.9434	0.9439	0.0005	0.9965	0.9973	-0.0008
2023-08-06T15:10:21	1	0	10	11	-1	0.9597	0.9584	-0.0013	-0.998	-0.998	0.0000
2023-08-06T15:16:47	1	0	10	11	-1	1.0454	1.0453	-0.0001	-0.9955	-0.9956	0.0001
2023-08-06T15:25:27	1	0	126	125	1	0.9360	0.9363	0.0003	0.9939	0.9955	-0.0016
2023-08-06T15:33:24	1	0	3	3	0	0.9942	0.9940	-0.0002	0.9917	0.9923	-0.0006
2023-08-06T15:34:20	1	0	1	0	1	0.9599	null	null	0.9974	0.9974	0.0000
2023-08-06T15:40:28	1	0	137	137	0	0.8998	0.8998	0.0000	0.9948	0.994	0.0008
2023-08-06T15:52:05	1	0	8	8	0	0.9686	0.9686	0.0000	-0.9989	-0.9988	-0.0001
2023-08-06T16:01:21	1	0	4	2	2	0.9432	0.9439	0.0007	0.9959	0.996	-0.0001
2023-08-06T16:01:26	1	0	1	1	0	1.0174	1.0170	-0.0004	-0.9805	-0.9814	0.0009
2023-08-06T16:04:12	1	0	83	83	0	0.9296	0.9298	0.0002	0.9932	0.9933	-0.0001

2023-08-06T16:40:48	1	0	1	1	0	0.9441	0.9445	0.0004	0.9865	0.9866	-0.0001
2023-08-06T16:50:47	1	0	42	41	1	0.9452	0.9452	0.0000	-0.9754	-0.9752	-0.0002
2023-08-06T16:58:40	1	0	79	79	0	1.0569	1.0568	-0.0001	0.9891	0.9957	-0.0066
2023-08-06T17:03:02	1	0	2	2	0	1.0327	1.0327	0.0000	0.9946	0.9946	0.0000
2023-08-06T17:30:41	1	0	1	1	0	1.0268	1.0268	0.0000	0.9951	0.995	0.0001
2023-08-07T07:50:02	1	0	258	258	0	0.8972	0.8972	0.0000	0.9142	0.9141	0.0001
2023-08-07T07:55:05	1	0	40	40	0	0.9375	0.9376	0.0001	0.9864	0.9865	-0.0001
2023-08-07T07:58:38	1	0	27	25	2	0.9401	0.9402	0.0001	0.9984	0.9984	0.0000
2023-08-07T08:05:03	1	0	451	449	2	0.8876	0.8876	0.0000	0.8969	0.8964	0.0005
2023-08-07T08:06:45	1	0	3	3	0	1.0361	1.0361	0.0000	-0.9801	-0.9795	-0.0006
2023-08-07T08:09:53	1	0	58	58	0	1.0477	1.0477	0.0000	-0.9996	-0.9996	0.0000
2023-08-07T08:10:16	1	0	28	28	0	1.0494	1.0494	0.0000	0.9978	0.9978	0.0000
2023-08-07T08:13:37	1	0	2	2	0	1.0309	1.0307	-0.0003	-0.994	-0.994	0.0000
2023-08-07T08:13:39	1	0	43	43	0	0.9326	0.9327	0.0001	0.999	0.999	0.0000
2023-08-07T08:17:22	1	0	2	2	0	1.0453	1.0452	-0.0001	0.9743	0.9742	0.0001
2023-08-07T08:20:04	1	0	81	81	0	0.9274	0.9274	0.0000	0.9398	0.9399	-0.0001
2023-08-07T08:25:17	1	0	26	26	0	1.0485	1.0485	0.0000	0.9973	0.9973	0.0000
2023-08-07T08:36:53	1	0	27	26	1	0.9383	0.9384	0.0001	-0.9975	-0.9973	-0.0002
2023-08-07T08:39:54	1	0	13	12	1	0.9492	0.9493	0.0001	0.9947	0.9946	0.0001
2023-08-07T08:43:39	1	0	1	0	1	1.0341	null	null	-0.9938	-0.9938	0.0000
2023-08-07T08:56:48	1	0	27	26	1	1.0557	1.0557	0.0000	0.9996	0.9996	0.0000
2023-08-07T09:02:56	1	0	84	80	4	1.0559	1.0557	-0.0002	0.9743	0.9743	0.0000
2023-08-07T09:14:54	1	0	1	1	0	0.9405	0.9410	0.0005	0.9784	0.9785	-0.0001
2023-08-07T09:24:51	1	0	23	20	3	0.9440	0.9441	0.0001	-0.9916	-0.9916	0.0000
2023-08-07T09:26:46	1	0	1	0	1	0.9444	null	null	0.9761	0.976	0.0001
2023-08-07T09:28:26	1	0	1	1	0	1.0136	1.0132	-0.0004	0.966	0.9659	0.0001
2023-08-07T09:33:45	1	0	1	1	0	0.9359	0.9362	0.0003	0.9741	0.9742	-0.0001
2023-08-07T09:44:08	1	0	2	2	0	1.0227	1.0224	-0.0003	-0.9617	-0.9614	-0.0003
2023-08-07T09:47:59	1	0	85	84	1	1.0347	1.0346	-0.0001	0.9691	0.9691	0.0000
2023-08-07T09:48:50	1	0	53	52	1	0.9329	0.9332	0.0003	-0.9997	-0.9997	0.0000
2023-08-07T09:50:07	1	0	3	3	0	1.0297	1.0294	-0.0003	0.9919	0.9918	0.0001
2023-08-07T09:53:32	1	0	98	97	1	0.9082	0.9089	0.0007	0.9974	0.9975	-0.0001
2023-08-07T10:00:50	1	0	1	1	0	0.8132	0.8136	0.0004	0.9926	0.9927	-0.0001
2023-08-07T10:05:36	1	0	5	3	2	1.0456	1.0453	-0.0003	0.9981	0.9981	0.0000
2023-08-07T10:05:50	1	0	1	1	0	1.0072	1.0056	-0.0016	0.9946	0.9946	0.0000
2023-08-07T10:09:47	1	0	12	12	0	1.0287	1.0287	0.0000	0.9581	0.9579	0.0002
2023-08-07T10:10:01	1	0	20	20	0	0.9429	0.9432	0.0003	0.9923	0.9911	0.0012
2023-08-07T10:10:41	1	0	1	1	0	0.9825	0.9828	0.0003	0.9952	0.9952	0.0000
2023-08-07T10:11:50	1	0	6	6	0	1.0536	1.0534	-0.0002	-0.9957	-0.9957	0.0000
2023-08-07T10:12:50	1	0	2	2	0	1.0268	1.0264	-0.0004	0.9988	0.9988	0.0000
2023-08-07T10:15:42	1	0	2	2	0	1.0388	1.0386	-0.0002	0.9944	0.9943	0.0001
2023-08-07T10:16:16	1	0	2	2	0	1.0468	1.0459	-0.0008	0.9833	0.9829	0.0004
2023-08-07T10:19:34	1	0	2	2	0	0.9633	0.9635	0.0002	0.9622	0.9624	-0.0002
2023-08-07T10:20:16	1	0	6	5	1	1.0545	1.0534	-0.0011	-0.8968	-0.8979	0.0011
2023-08-07T10:20:37	1	0	1	0	1	1.0454	null	null	0.998	0.998	0.0000
2023-08-07T10:20:51	1	0	2	2	0	1.0139	1.0133	-0.0007	0.9984	0.9985	-0.0001
2023-08-07T10:21:50	1	0	3	3	0	1.0086	1.0085	-0.0002	0.9995	0.9995	0.0000
2023-08-07T10:21:59	1	0	7	7	0	1.0240	1.0240	0.0000	0.9968	0.9968	0.0000
2023-08-07T10:24:48	1	0	11	10	1	1.0192	1.0193	0.0001	0.9582	0.9582	0.0000
2023-08-07T10:25:02	1	0	6	6	0	0.9670	0.9672	0.0002	0.9977	0.9982	-0.0005
2023-08-07T10:25:45	1	0	3	3	0	1.0452	1.0449	-0.0003	0.9681	0.9678	0.0003
2023-08-07T10:30:04	1	0	39	39	0	0.9523	0.9522	0.0000	0.9866	0.9864	0.0002
2023-08-07T10:32:36	1	0	1	0	1	1.0555	null	null	0.9724	0.9723	0.0001
2023-08-07T10:32:58	1	0	3	3	0	1.0203	1.0199	-0.0004	0.9983	0.9986	-0.0003
2023-08-07T10:33:05	1	0	2	2	0	0.9414	0.9416	0.0002	0.9283	0.9284	-0.0001
2023-08-07T10:34:56	1	0	6	5	1	1.0455	1.0453	-0.0002	-0.9986	-0.9987	0.0001
2023-08-07T10:38:35	1	0	101	101	0	0.9028	0.9033	0.0005	0.9973	0.9974	-0.0001
2023-08-07T10:45:44	1	0	3	3	0	1.0384	1.0383	-0.0001	0.9975	0.9975	0.0000
2023-08-07T10:48:50	1	0	2	2	0	0.9982	0.9979	-0.0003	0.977	0.9769	0.0001
2023-08-07T10:49:11	1	0	28	20	8	0.9474	0.9488	0.0014	-0.9997	-0.9996	-0.0001
2023-08-07T10:50:53	1	0	3	3	0	1.0183	1.0180	-0.0003	0.9978	0.9979	-0.0001
2023-08-07T10:51:52	1	0	1	1	0	0.9436	0.9442	0.0006	0.9976	0.9977	-0.0001
2023-08-07T10:53:36	1	0	105	104	1	0.8994	0.8998	0.0003	0.9954	0.9954	0.0000
2023-08-07T10:55:04	1	0	35	34	1	0.9512	0.9340	-0.0172	0.9933	0.9922	0.0011
2023-08-07T11:04:15	1	0	6	6	0	0.9476	0.9487	0.0011	-0.9995	-0.9995	0.0000
2023-08-07T11:04:30	1	0	1	0	1	0.9446	null	null	-0.9937	-0.9936	-0.0001
2023-08-07T11:06:05	1	0	4	4	0	1.0449	1.0446	-0.0003	0.9986	0.9984	0.0002
2023-08-07T11:06:42	1	0	7	7	0	1.0130	1.0130	0.0000	-0.9997	-0.9997	0.0000
2023-08-07T11:10:05	1	0	18	17	1	0.9547	0.9546	-0.0001	0.9945	0.9945	0.0000
2023-08-07T11:15:27	1	0	11	10	1	1.0534	1.0540	0.0006	0.9955	0.9952	0.0003
2023-08-07T11:18:52	1	0	4	3	1	0.9710	0.9806	0.0095	0.9756	0.9761	-0.0005
2023-08-07T11:25:06	1	0	20	19	1	0.9561	0.9560	0.0000	0.9916	0.9916	0.0000
2023-08-07T11:26:54	1	0	3	3	0	1.0570	1.0568	-0.0002	-0.9996	-0.9997	0.0001
2023-08-07T11:35:21	1	0	5	4	1	1.0532	1.0516	-0.0016	-0.9241	-0.9245	0.0004
2023-08-07T11:41:55	1	0	3	2	1	0.9440	0.9441	0.0001	0.9659	0.966	-0.0001
2023-08-07T11:48:03	1	0	3	3	0	1.0200	1.0199	-0.0001	0.9961	0.9961	0.0000
2023-08-07T11:49:05	1	0	8	8	0	1.0212	1.0209	-0.0004	0.9995	0.9995	0.0000
2023-08-07T11:50:46	1	0	7	7	0	1.0344	1.0343	-0.0001	0.9987	0.9987	0.0000
2023-08-07T11:55:09	1	0	51	51	0	0.9481	0.9482	0.0001	0.9953	0.9937	0.0016
2023-08-07T12:04:34	1	0	4	4	0	0.9449	0.9453	0.0003	-0.9955	-0.9956	0.0001
2023-08-07T12:05:21	1	0	215	214	1	0.9058	0.9014	-0.0044	0.9417	0.9416	0.0001
2023-08-07T12:06:56	1	0	3	3	0	1.0428	1.0427	-0.0001	-0.9998	-0.9998	0.0000
2023-08-07T12:15:31	1	0	18	19	-1	1.0460	1.0468	0.0008	0.9942	0.9943	-0.0001
2023-08-07T12:18:56	1	0	3	3	0	1.0197	1.0196	-0.0001	0.9858	0.9857	0.0001
2023-08-07T12:39:45	1	0	5	5	0	0.9638	0.9639	0.0000	0.9859	0.986	-0.0001

2023-08-07T12:41:59	1	0	1	0	1	0.9449	null	null	0.979	0.9791	-0.0001
2023-08-07T13:01:44	1	0	108	108	0	1.0674	1.0674	0.0000	-0.988	-0.988	0.0000
2023-08-07T13:02:57	1	0	1	1	0	0.9375	0.9380	0.0005	0.9302	0.9024	0.0278
2023-08-07T13:05:42	1	0	37	37	0	1.0586	1.0585	-0.0001	0.9904	0.9904	0.0000
2023-08-07T13:08:13	2	0	3	3	0	1.0052	1.0057	0.0005	0.9669	0.9674	-0.0005
2023-08-07T13:17:17	1	0	19	18	1	1.0500	1.0497	-0.0003	-0.9915	-0.9915	0.0000
2023-08-07T13:20:43	1	0	35	35	0	1.0569	1.0568	-0.0001	0.9892	0.9892	0.0000
2023-08-07T13:30:36	1	0	2	2	0	0.9567	0.9571	0.0004	0.9914	0.9914	0.0000
2023-08-07T13:35:44	1	0	26	25	1	1.0557	1.0556	-0.0001	0.9879	0.9879	0.0000
2023-08-07T13:46:53	1	0	2	2	0	0.9401	0.9405	0.0005	0.9711	0.9713	-0.0002
2023-08-07T13:53:16	1	0	3	3	0	1.0192	1.0192	0.0000	0.9648	0.9647	0.0001
2023-08-07T13:53:48	1	0	110	110	0	0.8900	0.8901	0.0000	0.9985	0.9985	0.0000
2023-08-07T13:57:04	1	0	2	2	0	0.9424	0.9427	0.0003	0.9758	0.9759	-0.0001
2023-08-07T14:12:44	1	0	1	1	0	1.0007	1.0012	0.0005	-0.9965	-0.9975	0.0010
2023-08-07T14:15:17	1	0	225	225	0	0.9169	0.9170	0.0002	0.9778	0.9778	0.0000
2023-08-07T14:16:05	1	0	122	121	1	0.9381	0.9381	0.0000	0.9812	0.9812	0.0000
2023-08-07T14:19:28	1	0	81	81	0	0.9313	0.9321	0.0008	0.9997	0.9997	0.0000
2023-08-07T14:20:47	1	0	19	19	0	1.0526	1.0526	0.0000	0.9852	0.9851	0.0001
2023-08-07T14:20:56	1	0	4	4	0	0.9710	0.9712	0.0002	0.9942	0.9943	-0.0001
2023-08-07T14:22:00	1	0	5	5	0	0.9634	0.9637	0.0003	0.9417	0.9417	0.0000
2023-08-07T14:27:06	1	0	4	4	0	0.9399	0.9401	0.0001	0.9739	0.974	-0.0001
2023-08-07T14:28:29	1	0	10	10	0	1.0213	1.0213	-0.0001	0.9849	0.9848	0.0001
2023-08-07T14:29:10	1	0	3	3	0	1.0364	1.0363	-0.0001	0.9816	0.9813	0.0003
2023-08-07T14:30:35	1	0	1	1	0	1.0252	1.0248	-0.0004	0.9945	0.9945	0.0000
2023-08-07T14:31:06	1	0	119	119	0	0.9365	0.9366	0.0002	0.9802	0.9803	-0.0001
2023-08-07T14:35:57	2	0	6	6	0	1.0310	1.0308	-0.0002	0.9935	0.9935	0.0000
2023-08-07T14:36:23	1	0	2	2	0	1.0412	1.0411	-0.0002	0.9733	0.973	0.0003
2023-08-07T14:37:28	1	0	36	36	0	0.9378	0.9379	0.0001	-0.9984	-0.9983	-0.0001
2023-08-07T14:40:16	1	0	148	150	-2	0.9349	0.9353	0.0004	-0.999	-0.999	0.0000
2023-08-07T14:43:48	1	0	1	1	0	0.9994	0.9985	-0.0009	-1	-1	0.0000
2023-08-07T14:46:49	1	0	1	1	0	0.9437	0.9447	0.0010	0.9988	0.9989	-0.0001
2023-08-07T14:49:30	1	0	98	95	3	0.9344	0.9349	0.0005	0.9992	0.9992	0.0000
2023-08-07T14:51:43	1	0	3	3	0	0.9950	0.9945	-0.0005	0.9997	0.9997	0.0000
2023-08-07T14:56:22	1	0	381	378	3	0.8419	0.8420	0.0001	0.986	0.986	0.0000
2023-08-07T14:58:49	1	0	7	7	0	0.9599	0.9598	-0.0001	-1	-1	0.0000
2023-08-07T15:01:01	1	0	67	67	0	1.0572	1.0571	-0.0001	0.9959	0.9959	0.0000
2023-08-07T15:01:17	1	0	3	3	0	1.0273	1.0272	-0.0002	0.9797	0.9795	0.0002
2023-08-07T15:06:44	1	0	4	4	0	1.0163	1.0164	0.0001	0.9998	0.9998	0.0000
2023-08-07T15:09:51	1	0	1	1	0	0.9843	0.9847	0.0004	0.9459	0.9464	-0.0005
2023-08-07T15:11:23	1	0	285	285	0	0.8447	0.8448	0.0001	0.9857	0.9857	0.0000
2023-08-07T15:26:58	1	0	3	3	0	1.0355	1.0349	-0.0006	0.9945	0.9945	0.0000
2023-08-07T15:31:14	1	0	69	68	1	0.9372	0.9418	0.0046	0.9984	0.9987	-0.0003
2023-08-07T15:31:23	1	0	3	3	0	1.0502	1.0499	-0.0002	-0.94	-0.9398	-0.0002
2023-08-07T15:38:26	1	0	24	23	1	1.0441	1.0435	-0.0005	0.9734	0.9733	0.0001
2023-08-07T15:49:49	1	0	1	1	0	1.0351	1.0340	-0.0011	-0.9507	-0.9509	0.0002
2023-08-07T15:51:02	1	0	5	6	-1	0.9806	0.9742	-0.0064	0.9934	0.9933	0.0001
2023-08-07T16:04:18	1	0	7	7	0	0.9559	0.9563	0.0003	0.9783	0.9783	0.0000
2023-08-07T16:19:19	1	0	39	39	0	0.9379	0.9380	0.0002	-0.9993	-0.9993	0.0000
2023-08-07T16:31:58	1	0	7	7	0	0.9398	0.9399	0.0001	0.9951	0.9952	-0.0001
2023-08-07T16:44:35	1	0	4	4	0	1.0033	1.0034	0.0002	0.9922	0.9923	-0.0001
2023-08-07T16:49:28	1	0	48	47	1	1.0473	1.0471	-0.0002	-0.9986	-0.9986	0.0000
2023-08-07T17:08:52	1	0	24	24	0	1.0429	1.0429	0.0000	0.999	0.999	0.0000
2023-08-07T17:14:37	1	0	88	88	0	0.9377	0.9378	0.0001	0.9939	0.9939	0.0000
2023-08-07T17:14:48	1	0	4	4	0	1.0465	1.0465	0.0000	0.9855	0.9854	0.0001
2023-08-07T17:30:39	1	0	1	1	0	1.0321	1.0321	0.0000	0.9925	0.9929	-0.0004
2023-08-08T08:04:57	1	0	283	283	0	0.8926	0.8927	0.0000	0.91	0.91	0.0000
2023-08-08T08:06:37	1	0	2	2	0	1.0383	1.0383	0.0000	-0.9928	-0.9925	-0.0003
2023-08-08T08:15:46	1	0	5	5	0	1.0264	1.0264	0.0000	0.9779	0.9773	0.0006
2023-08-08T08:19:58	1	0	304	304	0	0.8741	0.8742	0.0000	0.8968	0.8968	0.0000
2023-08-08T08:26:39	1	0	37	37	0	1.0560	1.0560	0.0000	-1	-1	0.0000
2023-08-08T08:28:37	1	0	1	1	0	1.0271	1.0265	-0.0006	-0.9936	-0.9937	0.0001
2023-08-08T08:36:46	1	0	7	7	0	0.9394	0.9397	0.0003	-0.9982	-0.9982	0.0000
2023-08-08T08:43:38	1	0	1	0	1	1.0267	null	null	-0.9932	-0.9932	0.0000
2023-08-08T08:56:41	1	0	21	21	0	1.0567	1.0566	-0.0001	-1	-1	0.0000
2023-08-08T09:02:48	1	0	86	85	1	1.0521	1.0519	-0.0002	0.9806	0.9806	0.0000
2023-08-08T09:20:31	1	0	27	27	0	1.0518	1.0517	-0.0001	-0.9997	-0.9997	0.0000
2023-08-08T09:28:20	1	0	2	2	0	1.0214	1.0213	-0.0002	0.9968	0.9968	0.0000
2023-08-08T09:29:10	1	0	2	2	0	1.0246	1.0243	-0.0003	-0.9919	-0.9921	0.0002
2023-08-08T09:33:41	1	0	5	5	0	1.0304	1.0301	-0.0002	0.9855	0.9853	0.0002
2023-08-08T09:35:05	1	0	277	277	0	0.8884	0.8885	0.0001	0.9207	0.9207	0.0000
2023-08-08T09:35:32	1	0	30	29	1	1.0519	1.0515	-0.0004	-0.9995	-0.9996	0.0001
2023-08-08T09:40:35	1	0	34	34	0	1.0587	1.0585	-0.0003	0.9916	0.9916	0.0000
2023-08-08T09:40:47	1	0	1	1	0	1.0299	1.0287	-0.0012	-0.9622	-0.962	-0.0002
2023-08-08T09:42:47	1	0	17	16	1	0.9436	0.9425	-0.0010	0.9894	0.9895	-0.0001
2023-08-08T09:49:59	1	0	1	1	0	1.0356	1.0350	-0.0006	0.99	0.9899	0.0001
2023-08-08T09:50:33	1	0	23	26	-3	1.0504	1.0500	-0.0004	-0.9996	-0.9999	0.0003
2023-08-08T09:51:44	1	0	15	11	4	0.9449	0.9454	0.0004	0.9998	0.9998	0.0000
2023-08-08T09:59:49	1	0	2	2	0	0.9421	0.9428	0.0007	0.98	0.9802	-0.0002
2023-08-08T10:00:51	1	0	1	1	0	0.8369	0.8373	0.0004	0.9926	0.9927	-0.0001
2023-08-08T10:02:08	1	0	9	9	0	0.9993	0.9993	0.0000	0.9863	0.9864	-0.0001
2023-08-08T10:05:18	1	0	6	6	0	1.0420	1.0416	-0.0004	-1	-1	0.0000
2023-08-08T10:05:34	1	0	42	36	6	1.0535	1.0529	-0.0005	-0.9998	-0.9998	0.0000
2023-08-08T10:05:43	1	0	1	1	0	1.0027	1.0023	-0.0004	0.9936	0.9938	-0.0002
2023-08-08T10:08:13	1	0	8	8	0	1.0323	1.0319	-0.0003	-0.9923	-0.9921	-0.0002
2023-08-08T10:09:38	1	0	7	7	0	1.0312	1.0311	0.0000	0.9694	0.9693	0.0001

2023-08-08T10:09:46	1	0	1	1	0	0.9579	0.9584	0.0005	-0.9909	-0.9909	0.0000
2023-08-08T10:09:57	1	0	9	9	0	1.0245	1.0245	0.0000	0.9934	0.9934	0.0000
2023-08-08T10:10:07	1	0	2	2	0	0.9914	0.9918	0.0003	0.9978	0.9979	-0.0001
2023-08-08T10:14:13	1	0	6	6	0	0.9988	0.9988	-0.0001	-0.9981	-0.9982	0.0001
2023-08-08T10:15:41	1	0	4	4	0	1.0473	1.0469	-0.0004	0.9978	0.9978	0.0000
2023-08-08T10:17:09	1	0	16	16	0	0.9822	0.9823	0.0002	0.9854	0.9857	-0.0003
2023-08-08T10:20:35	1	0	82	67	15	1.0575	1.0569	-0.0006	-0.9999	-1	0.0001
2023-08-08T10:24:39	1	0	15	15	0	0.9839	0.9838	0.0000	0.9698	0.9697	0.0001
2023-08-08T10:24:46	1	0	3	3	0	0.9438	0.9442	0.0003	0.9998	0.9998	0.0000
2023-08-08T10:25:50	1	0	1	0	1	1.0288	null	null	-0.981	-0.9807	-0.0003
2023-08-08T10:26:46	1	0	2	2	0	1.0699	1.0695	-0.0005	1	1	0.0000
2023-08-08T10:27:40	1	0	5	3	2	1.0531	1.0501	-0.0030	-0.9713	-0.9715	0.0002
2023-08-08T10:31:58	1	0	35	34	1	1.0487	1.0484	-0.0002	-0.979	-0.979	0.0000
2023-08-08T10:32:52	1	0	2	2	0	1.0116	1.0114	-0.0002	0.9946	0.9951	-0.0005
2023-08-08T10:33:45	1	0	2	2	0	0.9302	0.9307	0.0005	0.9435	0.9437	-0.0002
2023-08-08T10:34:49	1	0	2	1	1	1.0463	1.0460	-0.0003	-0.9995	-0.9996	0.0001
2023-08-08T10:35:21	1	0	1	0	1	1.0314	null	null	0.9996	0.9996	0.0000
2023-08-08T10:35:36	1	0	81	67	14	1.0575	1.0568	-0.0007	-0.9997	-0.9998	0.0001
2023-08-08T10:36:57	1	0	26	25	1	1.0518	1.0517	-0.0001	0.9621	0.9619	0.0002
2023-08-08T10:37:56	1	0	2	2	0	0.9934	0.9937	0.0003	-0.9946	-0.994	-0.0006
2023-08-08T10:38:15	2	0	57	54	3	1.0459	1.0457	-0.0002	-0.992	-0.9918	-0.0002
2023-08-08T10:38:29	1	0	81	76	5	0.9290	0.9295	0.0005	0.9987	0.9987	0.0000
2023-08-08T10:43:14	1	0	1	1	0	1.0555	1.0551	-0.0004	-0.9957	-0.9957	0.0000
2023-08-08T10:44:15	1	0	3	3	0	1.0413	1.0412	-0.0001	-0.9932	-0.9933	0.0001
2023-08-08T10:45:43	1	0	9	9	0	1.0475	1.0473	-0.0001	0.9969	0.9969	0.0000
2023-08-08T10:45:57	1	0	2	2	0	1.0246	1.0244	-0.0003	0.9731	0.9728	0.0003
2023-08-08T10:47:11	1	0	21	21	0	0.9644	0.9643	-0.0001	0.9854	0.9852	0.0002
2023-08-08T10:48:46	1	0	3	3	0	1.0093	1.0091	-0.0002	0.9664	0.9662	0.0002
2023-08-08T10:48:46	1	0	197	197	0	1.0551	1.0551	0.0000	0.9934	0.9933	0.0001
2023-08-08T10:49:06	1	0	7	7	0	1.0466	1.0464	-0.0002	0.9988	0.9988	0.0000
2023-08-08T10:49:50	1	0	1	1	0	1.0459	1.0451	-0.0008	-0.9993	-0.9994	0.0001
2023-08-08T10:50:21	1	0	3	3	0	1.0446	1.0443	-0.0003	1	0.9999	0.0001
2023-08-08T10:50:28	1	0	12	12	0	1.0435	1.0432	-0.0003	0.9728	0.9724	0.0004
2023-08-08T10:51:58	1	0	23	23	0	1.0509	1.0508	-0.0001	0.9615	0.9613	0.0002
2023-08-08T10:51:58	1	0	20	20	0	1.0458	1.0457	-0.0001	0.9995	0.9994	0.0001
2023-08-08T10:53:16	1	0	65	65	0	1.0447	1.0447	-0.0001	-0.9917	-0.9916	-0.0001
2023-08-08T10:53:30	1	0	85	84	1	0.9265	0.9268	0.0003	0.9981	0.9981	0.0000
2023-08-08T10:55:00	1	0	9	9	0	1.0215	1.0215	0.0000	0.994	0.994	0.0000
2023-08-08T10:55:10	1	0	2	2	0	1.0586	1.0584	-0.0002	0.9959	0.9949	0.0010
2023-08-08T10:58:48	1	0	3	3	0	0.9858	0.9855	-0.0003	-0.9977	-0.9978	0.0001
2023-08-08T11:00:44	1	0	15	14	1	1.0508	1.0503	-0.0005	0.9973	0.9973	0.0000
2023-08-08T11:04:06	1	0	11	11	0	1.0479	1.0478	-0.0002	0.9987	0.9987	0.0000
2023-08-08T11:06:49	1	0	75	74	1	0.9399	0.9400	0.0001	0.9993	0.9993	0.0000
2023-08-08T11:07:55	1	0	7	7	0	1.0304	1.0302	-0.0001	0.9865	0.9866	-0.0001
2023-08-08T11:08:17	1	0	62	61	1	1.0454	1.0455	0.0000	-0.9944	-0.9943	-0.0001
2023-08-08T11:20:39	1	0	101	100	1	1.0592	1.0590	-0.0002	1	1	0.0000
2023-08-08T11:26:48	1	0	3	3	0	1.0579	1.0577	-0.0002	0.9991	0.999	0.0001
2023-08-08T11:35:49	1	0	1	1	0	1.0015	0.9999	-0.0016	0.9905	0.99	0.0005
2023-08-08T11:37:54	1	0	1	1	0	1.0580	1.0576	-0.0004	0.9694	0.9692	0.0002
2023-08-08T11:41:45	1	0	1	1	0	0.9776	0.9780	0.0004	0.9944	0.9944	0.0000
2023-08-08T11:47:09	1	0	3	3	0	1.0283	1.0280	-0.0003	0.9998	0.9998	0.0000
2023-08-08T11:47:36	1	0	1	0	1	1.0551	null	null	0.9767	0.9767	0.0000
2023-08-08T11:48:50	1	0	96	94	2	1.0540	1.0536	-0.0003	0.9939	0.9939	0.0000
2023-08-08T11:50:14	1	0	321	321	0	0.8712	0.8712	0.0000	0.9011	0.9012	-0.0001
2023-08-08T11:50:41	2	0	141	127	14	1.0596	1.0593	-0.0003	-1	-1	0.0000
2023-08-08T11:53:20	1	0	60	59	1	1.0458	1.0460	0.0002	-0.9955	-0.9954	-0.0001
2023-08-08T12:00:25	1	0	72	69	3	0.9318	0.9338	0.0019	0.9877	0.9878	-0.0001
2023-08-08T12:03:00	1	0	61	59	2	1.0537	1.0533	-0.0003	0.9776	0.9776	0.0000
2023-08-08T13:00:02	1	0	9	9	0	0.9398	0.9403	0.0005	0.9747	0.9749	-0.0002
2023-08-08T13:45:32	1	0	21	19	2	1.0540	1.0532	-0.0008	0.9924	0.9924	0.0000
2023-08-08T13:50:52	1	0	19	18	1	1.0521	1.0517	-0.0004	0.9989	0.9983	0.0006
2023-08-08T14:00:33	1	0	92	88	4	1.0571	1.0568	-0.0003	0.9969	0.9968	0.0001
2023-08-08T14:06:25	1	0	3	3	0	1.0496	1.0490	-0.0005	-0.8101	-0.8114	0.0013
2023-08-08T14:10:23	1	0	4	4	0	1.0100	1.0102	0.0002	0.9932	0.9932	0.0000
2023-08-08T14:18:10	1	0	3	3	0	1.0149	1.0147	-0.0003	0.9942	0.9941	0.0001
2023-08-08T14:19:21	1	0	36	32	4	0.9460	0.9474	0.0014	-0.9997	-0.9996	-0.0001
2023-08-08T14:23:13	1	0	7	7	0	1.0250	1.0251	0.0002	0.9915	0.9911	0.0004
2023-08-08T14:28:22	1	0	11	11	0	1.0344	1.0343	-0.0001	0.9701	0.97	0.0001
2023-08-08T14:33:11	1	0	2	2	0	1.0199	1.0197	-0.0003	0.9948	0.9948	0.0000
2023-08-08T14:34:22	1	0	16	10	6	0.9494	0.9535	0.0041	-0.9994	-0.9994	0.0000
2023-08-08T14:35:19	1	0	4	4	0	0.9760	0.9759	-0.0001	-0.9995	-0.9995	0.0000
2023-08-08T14:44:36	1	0	59	56	3	1.0550	1.0546	-0.0004	-0.971	-0.971	0.0000
2023-08-08T14:44:53	2	0	26	22	4	0.9442	0.9497	0.0055	0.9858	0.9863	-0.0005
2023-08-08T14:49:21	1	0	1	1	0	1.0317	1.0313	-0.0004	0.9939	0.9939	0.0000
2023-08-08T14:49:23	1	0	28	21	7	0.9428	0.9437	0.0009	-0.9999	-0.9999	0.0000
2023-08-08T14:50:56	1	0	11	11	0	1.0384	1.0385	0.0000	0.9975	0.9975	0.0000
2023-08-08T14:59:54	1	0	65	62	3	0.9311	0.9315	0.0005	0.9848	0.9848	0.0000
2023-08-08T15:03:22	1	0	1	1	0	0.9435	0.9438	0.0003	0.9242	0.9246	-0.0004
2023-08-08T15:06:04	1	0	1	1	0	1.0156	1.0150	-0.0006	0.9941	0.9937	0.0004
2023-08-08T15:06:29	1	0	3	3	0	1.0493	1.0490	-0.0003	-0.8581	-0.8588	0.0007
2023-08-08T15:14:55	1	0	34	32	2	0.9475	0.9476	0.0001	0.9856	0.9855	0.0001
2023-08-08T15:19:19	1	0	1	1	0	1.0269	1.0265	-0.0004	-0.9998	-0.9998	0.0000
2023-08-08T15:20:32	1	0	164	163	1	0.9254	0.9255	0.0001	0.9314	0.9317	-0.0003
2023-08-08T15:20:58	1	0	18	18	0	1.0513	1.0511	-0.0002	0.9982	0.9975	0.0007
2023-08-08T15:29:56	1	0	48	47	1	0.9340	0.9343	0.0003	0.9868	0.987	-0.0002

2023-08-08T15:59:58	1	0	55	55	0	0.9291	0.9291	0.0000	0.9847	0.985	-0.0003
2023-08-08T16:04:11	1	0	160	159	1	0.9241	0.9240	-0.0001	0.9855	0.9858	-0.0003
2023-08-08T16:08:20	1	0	4	4	0	1.0154	1.0156	0.0002	0.9839	0.9836	0.0003
2023-08-08T16:26:23	1	0	289	288	1	0.8390	0.8391	0.0001	0.9945	0.9945	0.0000
2023-08-08T16:28:40	1	0	3	3	0	0.9430	0.9434	0.0004	0.9993	0.9994	-0.0001
2023-08-08T16:29:38	1	0	16	16	0	1.0545	1.0540	-0.0004	-0.9838	-0.9838	0.0000
2023-08-08T16:32:21	1	0	2	2	0	1.0399	1.0396	-0.0004	0.9978	0.9978	0.0000
2023-08-08T16:40:33	1	0	39	37	2	0.9383	0.9387	0.0004	0.9941	0.9932	0.0009
2023-08-08T16:59:43	1	0	3	3	0	1.0461	1.0461	0.0000	0.9865	0.9864	0.0001
2023-08-08T17:03:02	1	0	4	4	0	1.0414	1.0414	0.0000	0.9777	0.9776	0.0001
2023-08-08T17:53:49	1	0	5	5	0	1.0104	1.0104	0.0000	0.9979	0.9979	0.0000
2023-08-09T08:12:50	1	0	119	119	0	1.0565	1.0565	0.0000	-0.9284	-0.9281	-0.0003
2023-08-09T08:14:15	1	0	61	60	1	1.0535	1.0534	0.0000	-0.9088	-0.9082	-0.0006
2023-08-09T08:25:02	1	0	18	18	0	1.0464	1.0464	0.0000	-1	-1	0.0000
2023-08-09T08:26:54	1	0	87	87	0	0.9124	0.9125	0.0000	-0.987	-0.9865	-0.0005
2023-08-09T08:29:10	1	0	3	3	0	1.0452	1.0452	0.0000	0.9669	0.9668	0.0001
2023-08-09T08:29:31	1	0	21	20	1	1.0048	1.0037	-0.0012	0.9936	0.9936	0.0000
2023-08-09T08:40:45	1	0	1	1	0	1.0382	1.0373	-0.0009	-0.9649	-0.9645	-0.0004
2023-08-09T08:43:56	1	0	1	1	0	1.0350	1.0350	0.0000	-0.9947	-0.9945	-0.0002
2023-08-09T08:58:45	1	0	1	1	0	1.0324	1.0314	-0.0010	-0.9966	-0.9967	0.0001
2023-08-09T08:59:02	1	0	2	2	0	0.9408	0.9412	0.0004	-1	-1	0.0000
2023-08-09T09:02:53	2	0	71	69	2	1.0405	1.0404	-0.0001	0.9624	0.9624	0.0000
2023-08-09T09:03:40	1	0	5	5	0	1.0125	1.0123	-0.0002	0.9841	0.9842	-0.0001
2023-08-09T09:35:50	1	0	213	209	4	1.0536	1.0536	0.0000	0.9934	0.9933	0.0001
2023-08-09T09:44:12	1	0	3	3	0	1.0395	1.0393	-0.0002	-0.9883	-0.9885	0.0002
2023-08-09T09:48:43	1	0	4	4	0	0.9382	0.9389	0.0007	0.9499	0.9503	-0.0004
2023-08-09T09:50:03	1	0	4	4	0	1.0124	1.0121	-0.0003	0.9889	0.989	-0.0001
2023-08-09T09:50:28	1	0	28	28	0	1.0536	1.0539	0.0003	0.9781	0.9779	0.0002
2023-08-09T09:50:34	1	0	43	42	1	1.0545	1.0539	-0.0006	0.9999	0.9998	0.0001
2023-08-09T09:53:31	1	0	90	89	1	0.9165	0.9172	0.0007	0.9964	0.9965	-0.0001
2023-08-09T09:55:50	1	0	1	0	1	1.0275	null	null	-0.9772	-0.977	-0.0002
2023-08-09T09:55:57	1	0	322	319	3	0.8611	0.8611	0.0000	0.9904	0.9905	-0.0001
2023-08-09T09:59:53	1	0	1	1	0	0.9441	0.9447	0.0006	0.9797	0.9798	-0.0001
2023-08-09T10:00:20	1	0	16	13	3	1.0473	1.0479	0.0006	0.9919	0.9918	0.0001
2023-08-09T10:00:51	1	0	2	2	0	0.8910	0.8913	0.0003	0.9819	0.982	-0.0001
2023-08-09T10:02:57	1	0	110	107	3	0.9826	0.9813	-0.0013	0.962	0.9619	0.0001
2023-08-09T10:03:44	1	0	3	3	0	0.9379	0.9385	0.0007	0.9646	0.9648	-0.0002
2023-08-09T10:06:48	1	0	1	1	0	1.0134	1.0129	-0.0005	1	1	0.0000
2023-08-09T10:07:46	1	0	2	2	0	1.0391	1.0386	-0.0006	-0.9988	-0.9988	0.0000
2023-08-09T10:10:01	1	0	5	5	0	1.0168	1.0168	-0.0001	0.9957	0.9957	0.0000
2023-08-09T10:10:58	1	0	137	136	1	0.8692	0.8693	0.0001	0.9978	0.9978	0.0000
2023-08-09T10:11:14	1	0	4	4	0	1.0258	1.0252	-0.0007	-0.9936	-0.9934	-0.0002
2023-08-09T10:14:38	1	0	53	51	2	0.9778	0.9782	0.0003	0.9896	0.9898	-0.0002
2023-08-09T10:15:43	1	0	2	2	0	1.0444	1.0443	-0.0002	0.9956	0.9956	0.0000
2023-08-09T10:17:12	1	0	17	16	1	0.9565	0.9575	0.0010	0.9811	0.9814	-0.0003
2023-08-09T10:19:05	1	0	3	3	0	1.0430	1.0426	-0.0004	0.9971	0.9971	0.0000
2023-08-09T10:20:50	1	0	3	3	0	1.0244	1.0237	-0.0007	-1	-1	0.0000
2023-08-09T10:21:49	1	0	1	1	0	0.9434	0.9439	0.0005	0.9998	0.9998	0.0000
2023-08-09T10:26:15	1	0	4	4	0	1.0258	1.0252	-0.0007	-0.9937	-0.9935	-0.0002
2023-08-09T10:29:39	1	0	76	70	6	0.9541	0.9547	0.0006	0.9898	0.9899	-0.0001
2023-08-09T10:29:55	1	0	2	2	0	0.9442	0.9443	0.0001	0.9788	0.9788	0.0000
2023-08-09T10:32:33	1	0	1	0	1	1.0554	null	null	0.9755	0.9755	0.0000
2023-08-09T10:32:57	1	0	2	2	0	1.0123	1.0122	-0.0002	0.9976	0.998	-0.0004
2023-08-09T10:34:04	1	0	12	9	3	0.9519	0.9551	0.0033	-0.9996	-0.9995	-0.0001
2023-08-09T10:34:06	1	0	1	1	0	1.0337	1.0334	-0.0003	0.9968	0.9968	0.0000
2023-08-09T10:35:51	1	0	3	3	0	1.0202	1.0192	-0.0010	0.9996	0.9995	0.0001
2023-08-09T10:37:48	1	0	2	2	0	1.0365	1.0362	-0.0003	-0.9995	-0.9995	0.0000
2023-08-09T10:38:00	1	0	10	9	1	0.9478	0.9487	0.0009	-0.9936	-0.9929	-0.0007
2023-08-09T10:39:52	1	0	6	6	0	1.0228	1.0227	-0.0002	0.9598	0.9598	0.0000
2023-08-09T10:41:16	1	0	27	27	0	1.0421	1.0420	-0.0001	-0.99	-0.9896	-0.0004
2023-08-09T10:43:27	1	0	1	1	0	1.0216	1.0208	-0.0008	0.9952	0.9952	0.0000
2023-08-09T10:44:40	1	0	46	44	2	0.9417	0.9419	0.0002	0.9888	0.9891	-0.0003
2023-08-09T10:45:23	1	0	15	16	-1	1.0484	1.0480	-0.0004	0.9937	0.9935	0.0002
2023-08-09T10:45:35	2	0	1	0	1	0.9449	null	null	0.9955	0.9956	-0.0001
2023-08-09T10:48:47	1	0	2	2	0	1.0003	1.0000	-0.0003	0.975	0.975	0.0000
2023-08-09T10:50:32	1	0	10	10	0	1.0342	1.0339	-0.0003	0.9277	0.9271	0.0006
2023-08-09T10:56:17	2	0	43	42	1	1.0457	1.0454	-0.0003	-0.994	-0.9941	0.0001
2023-08-09T10:56:51	1	0	2	2	0	1.0720	1.0714	-0.0006	0.9818	0.9817	0.0001
2023-08-09T10:57:02	1	0	2	2	0	1.0626	1.0623	-0.0004	0.9959	0.9959	0.0000
2023-08-09T11:01:13	1	0	3	1	2	0.9547	0.9450	-0.0097	0.9411	0.941	0.0001
2023-08-09T11:02:20	1	0	4	4	0	1.0604	1.0604	-0.0001	0.9997	0.9997	0.0000
2023-08-09T11:03:48	1	0	11	11	0	0.9390	0.9390	0.0000	0.95	0.95	0.0000
2023-08-09T11:05:39	1	0	19	18	1	1.0508	1.0501	-0.0007	0.9994	0.9993	0.0001
2023-08-09T11:05:53	1	0	2	2	0	1.0164	1.0160	-0.0004	0.9981	0.9982	-0.0001
2023-08-09T11:06:43	1	0	8	8	0	1.0059	1.0059	0.0000	-0.9967	-0.9966	-0.0001
2023-08-09T11:08:36	1	0	73	73	0	0.9278	0.9284	0.0006	0.9987	0.9987	0.0000
2023-08-09T11:14:42	1	0	32	31	1	0.9563	0.9564	0.0001	0.9878	0.988	-0.0002
2023-08-09T11:15:47	1	0	2	2	0	1.0351	1.0349	-0.0002	0.9935	0.9935	0.0000
2023-08-09T11:20:40	1	0	22	22	0	1.0285	1.0283	-0.0002	0.9984	0.9976	0.0008
2023-08-09T11:23:37	1	0	82	80	2	0.9254	0.9257	0.0004	0.999	0.999	0.0000
2023-08-09T11:35:41	1	0	25	24	1	1.0376	1.0374	-0.0003	0.9988	0.9987	0.0001
2023-08-09T11:41:20	1	0	51	51	0	1.0474	1.0474	0.0000	-0.9929	-0.9929	0.0000
2023-08-09T11:50:42	1	0	15	14	1	1.0278	1.0259	-0.0019	0.9977	0.9977	0.0000
2023-08-09T12:00:28	1	0	22	21	1	1.0527	1.0526	-0.0001	0.997	0.997	0.0000
2023-08-09T12:10:00	1	0	3	3	0	0.9487	0.9492	0.0005	-0.9981	-0.9981	0.0000

2023-08-09T12:13:58	1	0	1	0	1	1.0340	null	null	-0.9968	-0.9968	0.0000
2023-08-09T12:41:45	1	0	24	23	1	1.0494	1.0491	-0.0002	-0.9887	-0.9887	0.0000
2023-08-09T13:03:17	1	0	2	2	0	0.9414	0.9417	0.0003	0.9293	0.9298	-0.0005
2023-08-09T13:32:10	1	0	5	5	0	1.0427	1.0426	-0.0001	0.9999	0.9999	0.0000
2023-08-09T13:40:07	1	0	2	2	0	1.0566	1.0554	-0.0013	0.9998	0.9994	0.0004
2023-08-09T13:40:29	1	0	18	17	1	0.9422	0.9422	0.0000	0.9808	0.9809	-0.0001
2023-08-09T13:49:21	1	0	41	40	1	0.9432	0.9437	0.0005	-0.9994	-0.9993	-0.0001
2023-08-09T13:53:38	1	0	176	175	1	0.9295	0.9286	-0.0009	0.9679	0.9679	0.0000
2023-08-09T14:01:11	1	0	1	0	1	1.0248	null	null	0.9937	0.9936	0.0001
2023-08-09T14:04:22	1	0	56	53	3	0.9376	0.9381	0.0005	-0.9991	-0.9991	0.0000
2023-08-09T14:05:43	1	0	4	4	0	1.0135	1.0137	0.0002	0.9954	0.9962	-0.0008
2023-08-09T14:10:56	1	0	3	3	0	1.0112	1.0113	0.0002	0.9998	0.9998	0.0000
2023-08-09T14:11:07	1	0	25	20	5	0.9429	0.9432	0.0002	-0.9925	-0.9924	-0.0001
2023-08-09T14:21:56	1	0	11	11	0	0.9592	0.9594	0.0002	0.9984	0.9977	0.0007
2023-08-09T14:23:49	1	0	105	104	1	0.9032	0.9033	0.0000	0.9942	0.9942	0.0000
2023-08-09T14:25:10	1	0	5	5	0	0.9767	0.9769	0.0002	-0.9929	-0.9929	0.0000
2023-08-09T14:27:47	1	0	3	3	0	0.9807	0.9811	0.0004	-0.9977	-0.9976	-0.0001
2023-08-09T14:28:31	1	0	8	8	0	1.0352	1.0351	-0.0001	0.9774	0.9773	0.0001
2023-08-09T14:28:46	2	0	7	7	0	0.9508	0.9509	0.0001	-0.9981	-0.9981	0.0000
2023-08-09T14:29:55	1	0	123	123	0	0.9380	0.9381	0.0001	0.9834	0.9834	0.0000
2023-08-09T14:31:09	1	0	80	80	0	0.9193	0.9196	0.0003	0.9733	0.9735	-0.0002
2023-08-09T14:31:13	1	0	3	3	0	1.0310	1.0308	-0.0001	0.987	0.9869	0.0001
2023-08-09T14:31:13	1	0	71	71	0	0.9205	0.9225	0.0019	0.9861	0.9869	-0.0008
2023-08-09T14:31:41	1	0	1	1	0	0.9328	0.9339	0.0011	0.9961	0.9963	-0.0002
2023-08-09T14:33:16	1	0	1	1	0	1.0314	1.0304	-0.0010	0.992	0.992	0.0000
2023-08-09T14:34:24	1	0	21	19	2	0.9554	0.9568	0.0014	-0.9998	-0.9998	0.0000
2023-08-09T14:35:11	1	0	4	4	0	1.0493	1.0485	-0.0008	0.9977	0.9976	0.0001
2023-08-09T14:35:45	1	0	22	22	0	0.9754	0.9756	0.0002	0.9945	0.9936	0.0009
2023-08-09T14:36:12	1	0	86	86	0	0.9304	0.9306	0.0002	0.9786	0.9786	0.0000
2023-08-09T14:38:03	1	0	11	11	0	1.0536	1.0535	-0.0001	-0.9997	-0.9997	0.0000
2023-08-09T14:40:11	1	0	3	3	0	1.0011	1.0014	0.0002	-0.99	-0.9899	-0.0001
2023-08-09T14:42:48	1	0	1	1	0	0.9890	0.9893	0.0003	-0.9969	-0.9969	0.0000
2023-08-09T14:47:15	1	0	3	3	0	1.0397	1.0395	-0.0002	0.9992	0.9992	0.0000
2023-08-09T14:47:31	1	0	1	1	0	0.9439	0.9443	0.0004	0.9939	0.9882	0.0057
2023-08-09T14:48:17	1	0	1	1	0	1.0305	1.0300	-0.0005	0.9897	0.9897	0.0000
2023-08-09T14:50:46	1	0	31	30	1	0.9736	0.9739	0.0003	0.9948	0.9949	-0.0001
2023-08-09T14:53:42	1	0	182	173	9	0.9248	0.9254	0.0006	0.9685	0.9694	-0.0009
2023-08-09T14:59:04	1	0	1	1	0	1.0356	1.0354	-0.0002	0.9532	0.953	0.0002
2023-08-09T15:01:43	1	0	2	2	0	0.9343	0.9349	0.0006	0.9928	0.9929	-0.0001
2023-08-09T15:05:32	1	0	20	20	0	0.9410	0.9416	0.0005	0.9807	0.981	-0.0003
2023-08-09T15:05:56	2	0	1	1	0	0.9674	0.9690	0.0016	0.9829	0.9833	-0.0004
2023-08-09T15:14:58	1	0	132	132	0	0.9262	0.9262	0.0000	0.9819	0.9819	0.0000
2023-08-09T15:16:16	1	0	32	13	19	0.9415	0.9433	0.0018	0.9984	0.9878	0.0106
2023-08-09T15:32:45	1	0	1	1	0	0.9774	0.9778	0.0004	0.9922	0.9922	0.0000
2023-08-09T15:35:49	1	0	7	7	0	0.9922	0.9923	0.0001	0.9977	0.9971	0.0006
2023-08-09T15:38:54	1	0	4	4	0	1.0083	1.0086	0.0003	0.9911	0.9912	-0.0001
2023-08-09T15:48:13	1	0	1	1	0	0.9369	0.9373	0.0004	0.9264	0.9274	-0.0010
2023-08-09T15:50:35	1	0	28	28	0	0.9382	0.9385	0.0003	0.9827	0.9828	-0.0001
2023-08-09T16:05:51	1	0	19	18	1	0.9581	0.9581	0.0001	0.9961	0.9961	0.0000
2023-08-09T17:01:20	1	0	6	7	-1	0.9099	0.9149	0.0050	0.99	0.9899	0.0001
2023-08-09T17:02:59	1	0	2	2	0	1.0366	1.0366	0.0000	0.9672	0.9672	0.0000
2023-08-10T08:17:25	1	0	14	14	0	1.0503	1.0503	0.0000	0.9656	0.9667	-0.0011
2023-08-10T08:25:17	1	0	34	34	0	1.0473	1.0473	0.0000	-0.9989	-0.999	0.0001
2023-08-10T08:27:33	1	0	3	3	0	1.0402	1.0402	0.0000	-0.9998	-0.9998	0.0000
2023-08-10T08:40:44	1	0	1	0	1	1.0328	null	null	-0.9804	-0.9801	-0.0003
2023-08-10T08:43:44	1	0	2	2	0	1.0278	1.0274	-0.0004	-0.9965	-0.9965	0.0000
2023-08-10T08:50:04	1	0	295	295	0	0.8846	0.8846	0.0000	0.8765	0.8765	0.0000
2023-08-10T09:14:18	1	0	45	44	1	1.0515	1.0514	-0.0001	-0.9304	-0.9298	-0.0006
2023-08-10T09:28:23	1	0	5	5	0	1.0288	1.0287	-0.0002	0.9984	0.9984	0.0000
2023-08-10T09:29:05	1	0	2	2	0	1.0313	1.0311	-0.0003	-0.9897	-0.9899	0.0002
2023-08-10T09:35:30	1	0	31	32	-1	1.0501	1.0499	-0.0002	-0.9993	-0.9993	0.0000
2023-08-10T09:42:55	1	0	94	93	1	0.8823	0.8823	0.0001	0.9958	0.9958	0.0000
2023-08-10T09:45:53	1	0	2	2	0	1.0303	1.0301	-0.0002	0.986	0.9859	0.0001
2023-08-10T09:45:53	1	0	1	1	0	1.0191	1.0187	-0.0004	-0.9902	-0.9906	0.0004
2023-08-10T09:50:05	1	0	2	2	0	1.0275	1.0271	-0.0005	0.9934	0.9921	0.0013
2023-08-10T09:50:08	1	0	300	300	0	0.8712	0.8713	0.0001	0.8759	0.876	-0.0001
2023-08-10T09:50:31	1	0	124	106	18	1.0584	1.0579	-0.0005	-0.9995	-0.9998	0.0003
2023-08-10T09:51:46	1	0	2	2	0	0.9430	0.9434	0.0004	0.9998	0.9998	0.0000
2023-08-10T09:59:37	1	0	38	36	2	1.0231	1.0253	0.0022	0.9921	0.9922	-0.0001
2023-08-10T09:59:53	1	0	3	3	0	0.9458	0.9465	0.0007	0.9836	0.9837	-0.0001
2023-08-10T10:00:50	1	0	5	5	0	1.0141	1.0141	0.0000	0.9871	0.9874	-0.0003
2023-08-10T10:02:16	1	0	43	41	2	1.0512	1.0507	-0.0005	0.9988	0.9988	0.0000
2023-08-10T10:02:21	1	0	14	13	1	0.9661	0.9679	0.0018	0.9924	0.9924	0.0000
2023-08-10T10:03:46	1	0	2	2	0	0.9427	0.9981	0.0554	0.9535	0.954	-0.0005
2023-08-10T10:07:57	1	0	24	23	1	0.9429	0.9432	0.0003	-0.993	-0.9923	-0.0007
2023-08-10T10:08:14	1	0	16	16	0	1.0333	1.0331	-0.0002	-0.9978	-0.9977	-0.0001
2023-08-10T10:09:09	2	0	2	2	0	1.0425	1.0419	-0.0006	-0.9968	-0.997	0.0002
2023-08-10T10:10:04	1	0	9	9	0	1.0166	1.0166	0.0000	-0.9999	-0.9999	0.0000
2023-08-10T10:12:57	1	0	117	115	2	0.8769	0.8769	0.0000	0.9974	0.9974	0.0000
2023-08-10T10:13:29	1	0	2	2	0	1.0063	1.0060	-0.0003	-0.9809	-0.9786	-0.0023
2023-08-10T10:14:38	1	0	47	47	0	1.0349	1.0349	0.0000	0.9917	0.9918	-0.0001
2023-08-10T10:15:55	1	0	1	1	0	0.8283	0.8287	0.0004	0.9832	0.9832	0.0000
2023-08-10T10:17:17	1	0	49	48	1	1.0527	1.0521	-0.0006	0.9988	0.9988	0.0000
2023-08-10T10:17:59	1	0	67	66	1	1.0288	1.0288	0.0000	0.9681	0.9681	0.0000
2023-08-10T10:18:47	1	0	1	1	0	1.0584	1.0581	-0.0003	0.9484	0.9484	0.0000

2023-08-10T10:19:07	1	0	3	3	0	1.0411	1.0409	-0.0002	0.999	0.999	0.0000
2023-08-10T10:20:07	1	0	2	2	0	1.0282	1.0282	-0.0001	0.9946	0.9946	0.0000
2023-08-10T10:20:53	1	0	1	1	0	1.0052	1.0042	-0.0010	0.9962	0.9962	0.0000
2023-08-10T10:21:01	1	0	1	1	0	1.0400	1.0397	-0.0003	-0.9995	-0.9995	0.0000
2023-08-10T10:23:15	1	0	26	26	0	1.0402	1.0401	-0.0001	-0.9978	-0.9977	-0.0001
2023-08-10T10:24:51	1	0	8	8	0	1.0299	1.0298	-0.0001	0.9645	0.9644	0.0001
2023-08-10T10:25:02	1	0	1	1	0	1.0564	1.0556	-0.0008	0.9912	0.9912	0.0000
2023-08-10T10:28:23	1	0	144	143	1	1.0564	1.0564	0.0000	-0.9472	-0.9471	-0.0001
2023-08-10T10:28:30	1	0	2	2	0	1.0073	1.0071	-0.0002	-0.9838	-0.9816	-0.0022
2023-08-10T10:29:39	1	0	42	41	1	1.0242	1.0251	0.0009	0.9921	0.9922	-0.0001
2023-08-10T10:30:56	1	0	1	1	0	1.0205	1.0202	-0.0003	-0.9887	-0.9891	0.0004
2023-08-10T10:31:12	1	0	3	3	0	1.0168	1.0163	-0.0005	0.9849	0.9848	0.0001
2023-08-10T10:32:23	1	0	9	9	0	0.9896	0.9895	-0.0001	0.9916	0.9915	0.0001
2023-08-10T10:33:48	1	0	4	4	0	0.9712	0.9719	0.0008	0.9485	0.9492	-0.0007
2023-08-10T10:34:09	1	0	3	3	0	1.0332	1.0330	-0.0002	0.9966	0.9966	0.0000
2023-08-10T10:35:11	1	0	472	469	3	0.8824	0.8848	0.0024	0.8683	0.869	-0.0007
2023-08-10T10:35:36	1	0	103	83	20	1.0590	1.0573	-0.0018	-0.9997	-0.9998	0.0001
2023-08-10T10:37:52	1	0	1	1	0	1.0572	1.0568	-0.0004	0.9835	0.9834	0.0001
2023-08-10T10:38:16	1	0	27	25	2	1.0403	1.0409	0.0006	-0.9984	-0.9984	0.0000
2023-08-10T10:38:38	1	0	75	74	1	0.9305	0.9310	0.0005	0.9921	0.9923	-0.0002
2023-08-10T10:40:03	1	0	2	1	1	1.0004	1.0580	0.0576	0.9899	0.99	-0.0001
2023-08-10T10:41:55	1	0	6	6	0	1.0559	1.0557	-0.0002	-1	-1	0.0000
2023-08-10T10:43:16	1	0	118	117	1	1.0567	1.0567	0.0000	-0.9999	-0.9999	0.0000
2023-08-10T10:50:19	1	0	2	0	2	1.0455	null	null	-0.8231	-0.8242	0.0011
2023-08-10T10:50:37	1	0	96	91	5	1.0589	1.0585	-0.0004	-0.9998	-0.9998	0.0000
2023-08-10T10:52:58	1	0	4	4	0	1.0277	1.0276	-0.0002	0.9807	0.98	0.0007
2023-08-10T10:53:17	1	0	33	33	0	1.0428	1.0427	-0.0001	-0.9983	-0.9983	0.0000
2023-08-10T10:55:10	1	0	5	5	0	1.0169	1.0169	0.0000	-0.9999	-0.9999	0.0000
2023-08-10T10:55:24	1	0	2	2	0	1.0303	1.0299	-0.0004	0.9937	0.9936	0.0001
2023-08-10T10:58:17	1	0	36	34	2	1.0548	1.0547	0.0000	-1	-1	0.0000
2023-08-10T11:01:04	1	0	4	4	0	1.0265	1.0264	-0.0002	-0.9525	-0.9525	0.0000
2023-08-10T11:02:20	1	0	46	45	1	1.0547	1.0542	-0.0004	0.9984	0.9984	0.0000
2023-08-10T11:02:25	1	0	9	9	0	0.9815	0.9815	0.0000	0.9901	0.9901	0.0000
2023-08-10T11:03:50	1	0	4	4	0	1.0306	1.0304	-0.0002	0.9535	0.9531	0.0004
2023-08-10T11:04:14	1	0	7	7	0	1.0492	1.0491	-0.0001	0.9985	0.9985	0.0000
2023-08-10T11:05:13	1	0	155	155	0	0.9096	0.9097	0.0000	0.9156	0.9152	0.0004
2023-08-10T11:05:20	1	0	3	3	0	1.0502	1.0499	-0.0003	-0.8123	-0.813	0.0007
2023-08-10T11:05:28	1	0	1	0	1	1.0326	null	null	0.9999	0.9999	0.0000
2023-08-10T11:05:38	1	0	104	100	4	1.0598	1.0596	-0.0002	-0.9999	-0.9999	0.0000
2023-08-10T11:06:41	1	0	5	5	0	0.9984	0.9984	0.0001	-0.9996	-0.9996	0.0000
2023-08-10T11:09:56	1	0	4	3	1	0.9474	0.9490	0.0017	-0.9996	-0.9996	0.0000
2023-08-10T11:10:46	1	0	2	2	0	1.0076	1.0078	0.0002	0.989	0.989	0.0000
2023-08-10T11:10:54	1	0	1	0	1	1.0244	null	null	-0.9894	-0.9893	-0.0001
2023-08-10T11:14:42	2	0	32	32	0	1.0191	1.0191	0.0000	0.9905	0.9905	0.0000
2023-08-10T11:17:22	1	0	6	6	0	1.0634	1.0634	-0.0001	0.998	0.998	0.0000
2023-08-10T11:23:19	1	0	12	11	1	1.0354	1.0336	-0.0018	-0.9987	-0.9987	0.0000
2023-08-10T11:28:55	1	0	4	4	0	1.0336	1.0318	-0.0018	-0.9952	-0.9954	0.0002
2023-08-10T11:29:43	1	0	36	36	0	1.0225	1.0225	0.0000	0.9895	0.9896	-0.0001
2023-08-10T11:35:40	1	0	88	84	4	1.0599	1.0598	-0.0001	-0.9999	-0.9999	0.0000
2023-08-10T11:38:20	1	0	6	6	0	1.0211	1.0209	-0.0002	-0.999	-0.999	0.0000
2023-08-10T11:43:52	1	0	9	9	0	1.0424	1.0424	0.0000	0.9691	0.9689	0.0002
2023-08-10T11:47:42	1	0	1	1	0	1.0580	1.0572	-0.0008	0.9779	0.9778	0.0001
2023-08-10T11:48:05	1	0	3	3	0	1.0180	1.0177	-0.0002	0.9978	0.9978	0.0000
2023-08-10T12:20:43	1	0	94	93	1	1.0595	1.0595	0.0000	-0.9999	-0.9999	0.0000
2023-08-10T12:57:38	1	0	48	47	1	1.0503	1.0502	-0.0001	-0.9991	-0.9991	0.0000
2023-08-10T13:25:15	1	0	5	5	0	0.9720	0.9723	0.0003	0.9899	0.9781	0.0118
2023-08-10T13:27:40	1	0	70	70	0	1.0534	1.0534	-0.0001	-0.9988	-0.9988	0.0000
2023-08-10T13:31:04	1	0	61	52	9	0.9610	0.9743	0.0134	0.941	0.9837	-0.0427
2023-08-10T13:45:58	1	0	38	38	0	1.0567	1.0566	-0.0001	0.9962	0.9962	0.0000
2023-08-10T13:55:36	1	0	39	39	0	1.0521	1.0521	0.0000	0.9963	0.9963	0.0000
2023-08-10T14:07:03	1	0	89	89	0	0.9377	0.9379	0.0001	0.9948	0.9948	0.0000
2023-08-10T14:10:18	1	0	5	5	0	1.0123	1.0125	0.0001	0.99	0.9901	-0.0001
2023-08-10T14:15:39	1	0	13	12	1	1.0506	1.0501	-0.0005	0.992	0.992	0.0000
2023-08-10T14:16:00	1	0	2	2	0	1.0405	1.0403	-0.0003	0.9943	0.9943	0.0000
2023-08-10T14:19:13	1	0	8	8	0	1.0137	1.0137	0.0000	0.9605	0.9605	0.0000
2023-08-10T14:21:21	1	0	4	4	0	1.0423	1.0423	0.0000	-0.9999	-0.9999	0.0000
2023-08-10T14:21:54	2	0	36	34	2	1.0497	1.0493	-0.0004	-0.9876	-0.9876	0.0000
2023-08-10T14:25:19	1	0	2	2	0	0.9995	0.9996	0.0001	0.9906	0.9907	-0.0001
2023-08-10T14:27:44	1	0	86	85	1	1.0540	1.0540	-0.0001	-0.9988	-0.9989	0.0001
2023-08-10T14:27:46	1	0	3	3	0	1.0180	1.0179	-0.0002	0.9963	0.9963	0.0000
2023-08-10T14:29:03	1	0	13	13	0	1.0464	1.0463	-0.0001	0.9699	0.9697	0.0002
2023-08-10T14:31:01	1	0	2	2	0	1.0405	1.0403	-0.0002	0.9947	0.9947	0.0000
2023-08-10T14:38:54	1	0	68	66	2	0.9330	0.9333	0.0004	0.9971	0.9971	0.0000
2023-08-10T14:46:10	1	0	15	15	0	0.9525	0.9524	-0.0001	0.971	0.9709	0.0001
2023-08-10T14:47:22	1	0	22	21	1	1.0486	1.0483	-0.0003	-0.978	-0.978	0.0000
2023-08-10T14:49:07	1	0	24	24	0	1.0516	1.0515	0.0000	-0.9979	-0.9979	0.0000
2023-08-10T14:50:49	1	0	1	0	1	1.0453	null	null	0.9259	0.9256	0.0003
2023-08-10T14:57:46	1	0	126	121	5	1.0549	1.0548	0.0000	-0.9984	-0.9985	0.0001
2023-08-10T15:05:54	1	0	52	51	1	1.0559	1.0558	-0.0001	1	1	0.0000
2023-08-10T15:16:15	1	0	3	3	0	1.0267	1.0266	-0.0001	0.9887	0.9886	0.0001
2023-08-10T15:17:12	1	0	2	2	0	1.0504	1.0499	-0.0005	0.9919	0.9909	0.0010
2023-08-10T15:21:00	1	0	151	145	6	0.9240	0.9247	0.0006	0.9688	0.9681	0.0007
2023-08-10T15:30:44	1	0	41	39	2	1.0520	1.0520	-0.0001	0.9941	0.9939	0.0002
2023-08-10T15:32:13	1	0	2	2	0	1.0495	1.0491	-0.0004	0.9911	0.9904	0.0007
2023-08-10T15:36:01	1	0	180	173	7	0.9226	0.9218	-0.0009	0.9704	0.9695	0.0009

2023-08-10T15:36:15	1	0	2	2	0	1.0170	1.0165	-0.0005	0.9986	0.9987	-0.0001
2023-08-10T15:45:45	1	0	73	68	5	1.0545	1.0544	-0.0001	0.9949	0.9947	0.0002
2023-08-10T16:04:33	1	0	17	17	0	1.0441	1.0440	0.0000	0.9981	0.998	0.0001
2023-08-10T16:32:34	1	0	1	1	0	1.0373	1.0369	-0.0004	0.9991	0.9991	0.0000
2023-08-10T16:40:28	1	0	19	18	1	0.9687	0.9688	0.0001	0.9901	0.9901	0.0000
2023-08-10T16:45:04	1	0	61	59	2	0.9411	0.9412	0.0000	0.9841	0.9844	-0.0003
2023-08-10T18:36:09	1	0	34	34	0	0.9408	0.9408	0.0000	0.999	0.9991	-0.0001
2023-08-11T08:05:02	1	0	272	272	0	0.8949	0.8949	0.0000	0.8425	0.8425	0.0000
2023-08-11T08:17:22	1	0	14	14	0	1.0487	1.0487	0.0000	0.9688	0.9688	0.0000
2023-08-11T08:29:16	1	0	85	83	2	1.0573	1.0573	0.0000	-0.9194	-0.919	-0.0004
2023-08-11T08:29:34	1	0	34	32	2	1.0477	1.0480	0.0003	0.9928	0.9928	0.0000
2023-08-11T08:35:42	1	0	109	108	1	1.0578	1.0578	0.0000	-0.9995	-0.9998	0.0003
2023-08-11T08:36:51	1	0	3	3	0	0.9403	0.9406	0.0003	-0.9904	-0.9902	-0.0002
2023-08-11T08:40:43	1	0	1	0	1	1.0349	null	null	-0.9755	-0.9752	-0.0003
2023-08-11T08:51:45	1	0	10	10	0	1.0443	1.0443	0.0000	-0.9836	-0.9832	-0.0004
2023-08-11T09:02:57	1	0	112	112	0	1.0660	1.0659	-0.0001	0.9688	0.9688	0.0000
2023-08-11T09:13:48	1	0	1	1	0	1.0307	1.0293	-0.0014	-0.9947	-0.9948	0.0001
2023-08-11T09:15:05	1	0	3	3	0	0.9409	0.9412	0.0004	0.9746	0.9747	-0.0001
2023-08-11T09:17:58	1	0	109	109	0	1.0648	1.0648	-0.0001	0.9642	0.9642	0.0000
2023-08-11T09:20:07	1	0	318	318	0	0.8473	0.8475	0.0002	0.83	0.8301	-0.0001
2023-08-11T09:25:12	1	0	3	3	0	0.9509	0.9510	0.0001	0.9798	0.98	-0.0002
2023-08-11T09:29:07	1	0	2	2	0	1.0299	1.0297	-0.0003	-0.9889	-0.989	0.0001
2023-08-11T09:33:41	1	0	2	2	0	0.9945	0.9947	0.0002	0.9713	0.9715	-0.0002
2023-08-11T09:35:09	1	0	332	331	1	0.8300	0.8300	0.0001	0.8286	0.8289	-0.0003
2023-08-11T09:40:57	1	0	100	100	0	0.8772	0.8772	0.0001	0.999	0.999	0.0000
2023-08-11T09:44:39	1	0	21	21	0	1.0056	1.0054	-0.0001	0.9922	0.9922	0.0000
2023-08-11T09:45:54	1	0	3	3	0	1.0293	1.0291	-0.0002	0.9753	0.9751	0.0002
2023-08-11T09:50:49	1	0	2	2	0	1.0017	1.0015	-0.0002	0.9966	0.9969	-0.0003
2023-08-11T09:51:45	1	0	2	2	0	1.0342	1.0340	-0.0002	-0.9931	-0.9932	0.0001
2023-08-11T09:55:48	1	0	1	1	0	1.0376	1.0372	-0.0004	-0.9849	-0.9847	-0.0002
2023-08-11T10:00:12	2	0	8	8	0	0.9409	0.9412	0.0002	0.967	0.9672	-0.0002
2023-08-11T10:00:37	1	0	6	6	0	0.9434	0.9437	0.0003	0.9911	0.9911	0.0000
2023-08-11T10:00:50	1	0	1	1	0	0.8291	0.8295	0.0004	0.9879	0.9879	0.0000
2023-08-11T10:02:18	1	0	15	13	2	0.9775	0.9826	0.0051	0.985	0.9852	-0.0002
2023-08-11T10:03:43	1	0	11	10	1	0.9440	0.9444	0.0004	0.963	0.9635	-0.0005
2023-08-11T10:03:52	1	0	23	21	2	0.9411	0.9414	0.0003	-0.9996	-0.9996	0.0000
2023-08-11T10:05:06	1	0	3	3	0	1.0303	1.0300	-0.0003	0.9983	0.9983	0.0000
2023-08-11T10:05:50	1	0	2	2	0	1.0027	1.0021	-0.0006	0.9929	0.9927	0.0002
2023-08-11T10:08:36	1	0	4	3	1	0.9500	0.9523	0.0023	0.9946	0.9948	-0.0002
2023-08-11T10:09:44	1	0	6	6	0	1.0251	1.0251	0.0000	0.9628	0.9627	0.0001
2023-08-11T10:13:48	1	0	2	2	0	1.0382	1.0377	-0.0005	0.991	0.991	0.0000
2023-08-11T10:15:43	1	0	5	5	0	1.0436	1.0435	-0.0001	0.9984	0.9984	0.0000
2023-08-11T10:17:19	1	0	14	13	1	1.0016	1.0059	0.0044	0.986	0.9859	0.0001
2023-08-11T10:19:34	1	0	32	31	1	1.0519	1.0512	-0.0007	0.9901	0.9899	0.0002
2023-08-11T10:20:12	1	0	322	318	4	0.8788	0.8788	0.0000	0.8531	0.8533	-0.0002
2023-08-11T10:24:45	1	0	8	8	0	1.0139	1.0138	-0.0001	0.961	0.961	0.0000
2023-08-11T10:25:06	1	0	3	3	0	1.0140	1.0139	-0.0001	-1	-1	0.0000
2023-08-11T10:28:29	1	0	1	1	0	1.0565	1.0556	-0.0009	0.9573	0.9571	0.0002
2023-08-11T10:28:53	1	0	3	3	0	1.0459	1.0457	-0.0002	0.9678	0.9623	0.0055
2023-08-11T10:29:42	1	0	22	23	-1	1.0016	1.0017	0.0000	0.9902	0.9904	-0.0002
2023-08-11T10:33:01	1	0	1	1	0	1.0172	1.0169	-0.0003	0.9972	0.9976	-0.0004
2023-08-11T10:33:45	1	0	21	20	1	0.9423	0.9414	-0.0009	0.9605	0.9611	-0.0006
2023-08-11T10:34:07	1	0	2	2	0	1.0432	1.0426	-0.0006	0.9988	0.9988	0.0000
2023-08-11T10:35:52	1	0	1	1	0	1.0039	1.0025	-0.0014	0.9842	0.984	0.0002
2023-08-11T10:38:38	1	0	56	52	4	0.9383	0.9388	0.0005	0.9917	0.9919	-0.0002
2023-08-11T10:39:53	1	0	1	0	1	1.0556	null	null	-0.9996	-0.9996	0.0000
2023-08-11T10:41:43	1	0	2	2	0	1.0713	1.0707	-0.0005	-0.9981	-0.9981	0.0000
2023-08-11T10:41:51	1	0	2	2	0	0.9342	0.9347	0.0005	0.9739	0.9742	-0.0003
2023-08-11T10:43:31	1	0	1	1	0	1.0032	1.0024	-0.0008	-0.9927	-0.9914	-0.0013
2023-08-11T10:44:43	1	0	25	23	2	0.9840	0.9842	0.0002	0.9894	0.9897	-0.0003
2023-08-11T10:49:19	1	0	2	2	0	1.0281	1.0279	-0.0003	-0.9999	-0.9999	0.0000
2023-08-11T10:49:31	1	0	1	1	0	0.9852	0.9856	0.0004	0.9915	0.9916	-0.0001
2023-08-11T10:50:53	1	0	1	1	0	1.0018	1.0011	-0.0007	0.9832	0.983	0.0002
2023-08-11T10:53:19	1	0	8	7	1	1.0321	1.0318	-0.0003	-0.9978	-0.9979	0.0001
2023-08-11T10:53:39	1	0	43	43	0	0.9402	0.9405	0.0003	0.9926	0.9927	-0.0001
2023-08-11T10:54:54	1	0	1	1	0	1.0556	1.0551	-0.0005	-0.9998	-0.9998	0.0000
2023-08-11T10:55:02	1	0	2	2	0	1.0624	1.0621	-0.0003	0.9988	0.9988	0.0000
2023-08-11T10:55:10	1	0	4	4	0	1.0147	1.0146	-0.0001	0.9998	0.9998	0.0000
2023-08-11T10:59:44	1	0	66	65	1	0.9329	0.9389	0.0060	0.9885	0.9887	-0.0002
2023-08-11T11:00:33	2	0	27	24	3	1.0427	1.0422	-0.0005	0.9971	0.9968	0.0003
2023-08-11T11:03:47	1	0	6	6	0	1.0261	1.0260	-0.0002	0.9821	0.982	0.0001
2023-08-11T11:04:14	1	0	1	1	0	1.0374	1.0370	-0.0004	0.9986	0.9986	0.0000
2023-08-11T11:05:36	1	0	26	23	3	1.0532	1.0524	-0.0008	0.9849	0.9846	0.0003
2023-08-11T11:06:42	1	0	5	5	0	1.0065	1.0066	0.0000	-0.9924	-0.9924	0.0000
2023-08-11T11:07:55	1	0	1	1	0	1.0560	1.0556	-0.0004	0.9652	0.9649	0.0003
2023-08-11T11:11:53	1	0	20	15	5	0.9383	0.9560	0.0177	0.9863	0.9866	-0.0003
2023-08-11T11:13:57	1	0	3	3	0	1.0322	1.0309	-0.0012	-0.9952	-0.9954	0.0002
2023-08-11T11:15:47	1	0	2	1	1	1.0367	1.0366	-0.0001	0.9968	0.9968	0.0000
2023-08-11T11:15:55	1	0	73	8	65	0.9350	0.9510	0.0159	0.9767	0.9905	-0.0138
2023-08-11T11:17:22	1	0	3	3	0	1.0735	1.0734	-0.0001	0.998	0.998	0.0000
2023-08-11T11:20:37	1	0	107	101	6	1.0610	1.0602	-0.0008	0.9949	0.9946	0.0003
2023-08-11T11:21:03	1	0	3	3	0	1.0500	1.0496	-0.0003	0.9999	0.9998	0.0001
2023-08-11T11:21:43	1	0	4	4	0	1.0085	1.0084	-0.0001	-0.99	-0.99	0.0000
2023-08-11T11:24:41	1	0	7	7	0	1.0518	1.0518	-0.0001	0.9763	0.9755	0.0008
2023-08-11T11:24:59	1	0	22	18	4	0.9435	0.9440	0.0005	-0.9973	-0.9973	0.0000

2023-08-11T11:30:18	1	0	95	95	0	0.9362	0.9362	0.0000	0.9786	0.9786	0.0000
2023-08-11T11:30:35	1	0	22	22	0	1.0503	1.0501	-0.0002	0.9974	0.9974	0.0000
2023-08-11T11:32:27	1	0	5	5	0	1.0580	1.0579	-0.0001	0.9912	0.9911	0.0001
2023-08-11T11:35:38	1	0	44	42	2	1.0583	1.0580	-0.0002	0.994	0.9938	0.0002
2023-08-11T11:40:48	1	0	1	1	0	0.9878	0.9881	0.0003	0.9935	0.9935	0.0000
2023-08-11T11:43:16	1	0	40	39	1	1.0538	1.0538	-0.0001	-0.9997	-0.9997	0.0000
2023-08-11T11:43:35	1	0	1	1	0	0.9988	0.9984	-0.0004	-0.9961	-0.9961	0.0000
2023-08-11T11:45:36	1	0	29	28	1	1.0457	1.0453	-0.0003	0.9966	0.9965	0.0001
2023-08-11T11:45:44	1	0	2	2	0	0.9622	0.9627	0.0005	0.995	0.9951	-0.0001
2023-08-11T11:48:50	1	0	6	7	-1	0.9946	1.0036	0.0090	0.9746	0.9749	-0.0003
2023-08-11T11:49:40	1	0	74	68	6	1.0556	1.0542	-0.0015	0.9922	0.992	0.0002
2023-08-11T11:50:39	1	0	44	40	4	1.0564	1.0560	-0.0004	0.9935	0.9935	0.0000
2023-08-11T11:53:03	1	0	1	1	0	0.9690	0.9698	0.0008	0.9666	0.9668	-0.0002
2023-08-11T11:53:23	1	0	10	10	0	1.0349	1.0347	-0.0002	-0.999	-0.999	0.0000
2023-08-11T11:58:17	1	0	48	48	0	1.0546	1.0545	0.0000	-0.9993	-0.9993	0.0000
2023-08-11T12:04:41	1	0	77	75	2	1.0553	1.0542	-0.0011	0.9921	0.992	0.0001
2023-08-11T12:08:04	1	0	3	3	0	0.9698	0.9700	0.0002	0.9646	0.9646	0.0000
2023-08-11T12:34:46	1	0	26	26	0	1.0506	1.0497	-0.0009	0.9892	0.9892	0.0000
2023-08-11T12:55:12	2	0	34	34	0	0.9510	0.9512	0.0002	0.997	0.9954	0.0016
2023-08-11T12:57:54	1	0	5	5	0	1.0537	1.0532	-0.0005	-0.9649	-0.9675	0.0026
2023-08-11T13:00:41	1	0	15	15	0	1.0431	1.0429	-0.0003	0.998	0.9979	0.0001
2023-08-11T13:57:09	1	0	2	2	0	1.0584	1.0583	-0.0001	-0.9986	-0.9986	0.0000
2023-08-11T14:03:19	1	0	2	2	0	1.0185	1.0182	-0.0003	0.9933	0.9932	0.0001
2023-08-11T14:17:17	1	0	1	0	1	1.0554	null	null	-0.9989	-0.9989	0.0000
2023-08-11T14:19:21	1	0	35	32	3	0.9420	0.9430	0.0010	-0.9995	-0.9995	0.0000
2023-08-11T14:20:16	1	0	1	0	1	1.0457	null	null	0.9965	0.9963	0.0002
2023-08-11T14:20:49	1	0	14	14	0	1.0418	1.0417	-0.0001	0.9839	0.9838	0.0001
2023-08-11T14:25:18	1	0	10	10	0	0.9707	0.9713	0.0006	0.9966	0.996	0.0006
2023-08-11T14:31:12	1	0	98	95	3	0.9181	0.9184	0.0003	0.98	0.9801	-0.0001
2023-08-11T14:31:32	1	0	1	1	0	0.9402	0.9413	0.0011	0.9989	0.999	-0.0001
2023-08-11T14:38:11	1	0	3	3	0	1.0306	1.0298	-0.0007	0.9948	0.9946	0.0002
2023-08-11T14:44:59	1	0	115	113	2	0.9542	0.9542	0.0000	0.9816	0.9815	0.0001
2023-08-11T14:45:48	1	0	28	25	3	1.0549	1.0536	-0.0013	0.9993	0.9988	0.0005
2023-08-11T14:46:19	1	0	26	25	1	1.0543	1.0540	-0.0003	-0.9409	-0.942	0.0011
2023-08-11T14:46:21	1	0	71	70	1	0.9310	0.9333	0.0024	0.9563	0.9579	-0.0016
2023-08-11T14:48:22	1	0	1	1	0	1.0315	1.0310	-0.0005	0.9906	0.9906	0.0000
2023-08-11T14:52:20	1	0	72	72	0	0.9302	0.9303	0.0001	0.8058	0.8067	-0.0009
2023-08-11T14:53:12	1	0	4	4	0	1.0340	1.0338	-0.0003	0.9922	0.9921	0.0001
2023-08-11T14:55:20	1	0	15	14	1	0.9625	0.9631	0.0006	0.997	0.997	0.0000
2023-08-11T14:57:55	1	0	1	1	0	0.9934	0.9941	0.0007	-0.9961	-0.996	-0.0001
2023-08-11T15:00:00	1	0	121	120	1	0.9211	0.9211	0.0001	0.9842	0.9828	0.0014
2023-08-11T15:01:34	1	0	1	1	0	0.9383	0.9386	0.0003	0.9989	0.9989	0.0000
2023-08-11T15:10:21	1	0	29	23	6	0.9534	0.9541	0.0007	0.9963	0.9918	0.0045
2023-08-11T15:17:42	1	0	1	0	1	0.9811	null	null	0.9954	0.9954	0.0000
2023-08-11T15:32:43	1	0	2	2	0	0.9763	0.9767	0.0004	0.995	0.995	0.0000
2023-08-11T15:47:40	1	0	235	234	1	0.9348	0.9348	0.0000	0.9953	0.9954	-0.0001
2023-08-11T15:49:19	1	0	3	3	0	0.9761	0.9760	-0.0001	0.9822	0.9825	-0.0003
2023-08-11T16:07:15	1	0	92	92	0	0.9318	0.9323	0.0005	0.9971	0.9971	0.0000
2023-08-11T16:08:40	1	0	13	12	1	1.0375	1.0383	0.0008	-0.997	-0.997	0.0000
2023-08-11T16:34:30	1	0	33	32	1	0.9428	0.9432	0.0004	0.9998	0.9998	0.0000
2023-08-11T16:37:04	1	0	15	14	1	0.9715	0.9734	0.0019	-0.9994	-0.9994	0.0000
2023-08-11T16:46:57	1	0	1	1	0	0.9402	0.9406	0.0004	0.9997	0.9997	0.0000
2023-08-11T16:49:31	1	0	31	29	2	0.9492	0.9494	0.0002	1	1	0.0000
2023-08-11T16:55:28	1	0	101	101	0	0.9400	0.9400	0.0000	0.9956	0.9956	0.0000
2023-08-11T17:08:44	1	0	107	107	0	1.0529	1.0529	0.0000	-0.9936	-0.9936	0.0000
2023-08-12T07:50:26	1	0	282	281	1	1.0643	1.0643	0.0000	-0.999	-0.9989	-0.0001
2023-08-12T08:05:27	1	0	167	167	0	1.0576	1.0576	0.0000	-0.9995	-0.9995	0.0000
2023-08-12T08:13:45	1	0	3	3	0	0.9961	0.9959	-0.0002	-0.9797	-0.979	-0.0007
2023-08-12T08:17:25	1	0	1	1	0	1.0455	1.0455	0.0000	0.9957	0.9957	0.0000
2023-08-12T08:18:37	1	0	155	155	0	0.9280	0.9281	0.0001	0.9473	0.9474	-0.0001
2023-08-12T08:20:05	1	0	297	297	0	0.8347	0.8347	0.0001	0.8721	0.8721	0.0000
2023-08-12T08:25:20	1	0	1	1	0	1.0451	1.0451	0.0000	0.989	0.9891	-0.0001
2023-08-12T08:28:46	1	0	3	3	0	0.9974	0.9972	-0.0002	-0.9812	-0.9806	-0.0006
2023-08-12T08:55:48	1	0	1	1	0	1.0343	1.0338	-0.0005	-0.9487	-0.9482	-0.0005
2023-08-12T09:03:40	1	0	84	83	1	0.9358	0.9358	0.0000	0.9673	0.9673	0.0000
2023-08-12T09:10:01	2	0	9	9	0	0.9396	0.9398	0.0002	0.9953	0.9942	0.0011
2023-08-12T09:20:32	1	0	21	21	0	1.0525	1.0524	-0.0001	0.9981	0.9981	0.0000
2023-08-12T09:28:28	1	0	3	3	0	1.0192	1.0189	-0.0002	0.985	0.985	0.0000
2023-08-12T09:29:08	1	0	2	2	0	1.0255	1.0253	-0.0003	-0.9839	-0.9839	0.0000
2023-08-12T09:29:54	1	0	2	2	0	0.9402	0.9402	0.0001	0.9907	0.9913	-0.0006
2023-08-12T09:35:12	1	0	297	297	0	0.8380	0.8380	0.0001	0.887	0.8869	0.0001
2023-08-12T09:41:02	1	0	101	101	0	0.8807	0.8808	0.0000	0.9981	0.9981	0.0000
2023-08-12T09:44:25	1	0	297	296	1	0.8370	0.8371	0.0001	0.8836	0.8836	0.0000
2023-08-12T09:45:50	1	0	1	1	0	0.8138	0.8141	0.0003	0.9914	0.9915	-0.0001
2023-08-12T09:45:54	1	0	1	0	1	1.0224	null	null	-0.9771	-0.9777	0.0006
2023-08-12T09:59:56	1	0	17	16	1	0.9395	0.9395	-0.0001	0.9879	0.9887	-0.0008
2023-08-12T10:05:35	1	0	33	33	0	1.0532	1.0535	0.0002	0.9951	0.995	0.0001
2023-08-12T10:05:38	1	0	2	2	0	0.9391	0.9394	0.0004	-0.9999	-0.9999	0.0000
2023-08-12T10:09:31	1	0	7	7	0	1.0278	1.0277	-0.0001	0.9631	0.9629	0.0002
2023-08-12T10:10:05	1	0	5	6	-1	0.9509	0.9682	0.0174	0.9999	0.9997	0.0002
2023-08-12T10:10:07	1	0	4	4	0	0.9984	0.9983	0.0000	-0.9993	-0.9993	0.0000
2023-08-12T10:10:53	1	0	1	1	0	1.0358	1.0354	-0.0004	-0.969	-0.9688	-0.0002
2023-08-12T10:12:02	1	0	433	433	0	0.8007	0.8008	0.0001	0.998	0.9983	-0.0003
2023-08-12T10:13:52	1	0	1	0	1	1.0344	null	null	0.9945	0.9945	0.0000
2023-08-12T10:17:15	1	0	7	7	0	0.9947	0.9947	0.0001	0.9999	0.9999	0.0000

2023-08-12T10:19:30	1	0	1	1	0	0.9763	0.9766	0.0003	0.9913	0.9892	0.0021
2023-08-12T10:20:10	1	0	1	1	0	1.0335	1.0328	-0.0007	0.9987	0.9987	0.0000
2023-08-12T10:20:39	2	0	18	15	3	0.9478	0.9481	0.0003	1	1	0.0000
2023-08-12T10:20:54	1	0	1	1	0	1.0036	1.0026	-0.0010	0.9956	0.9954	0.0002
2023-08-12T10:20:56	1	0	1	1	0	1.0250	1.0246	-0.0004	0.9948	0.995	-0.0002
2023-08-12T10:21:52	1	0	8	7	1	0.9608	0.9635	0.0027	-0.9993	-0.9992	-0.0001
2023-08-12T10:22:44	1	0	6	6	0	1.0500	1.0499	0.0000	-0.9979	-0.9979	0.0000
2023-08-12T10:30:53	1	0	3	3	0	1.0074	1.0070	-0.0004	0.9629	0.9603	0.0026
2023-08-12T10:33:36	1	0	1	1	0	0.9715	0.9723	0.0008	0.9772	0.9747	0.0025
2023-08-12T10:33:55	1	0	1	0	1	0.9443	null	null	-0.997	-0.997	0.0000
2023-08-12T10:35:55	1	0	1	0	1	1.0001	null	null	0.9891	0.9895	-0.0004
2023-08-12T10:36:53	1	0	1	1	0	0.9420	0.9426	0.0006	-0.9996	-0.9996	0.0000
2023-08-12T10:38:00	1	0	1	1	0	0.9722	0.9751	0.0029	0.9647	0.9649	-0.0002
2023-08-12T10:39:33	1	0	4	4	0	1.0307	1.0305	-0.0002	0.9619	0.9618	0.0001
2023-08-12T10:40:45	1	0	4	4	0	1.0351	1.0349	-0.0002	1	1	0.0000
2023-08-12T10:40:48	1	0	1	1	0	1.0246	1.0239	-0.0007	0.9881	0.9879	0.0002
2023-08-12T10:42:04	1	0	410	410	0	0.8118	0.8119	0.0001	-0.998	-0.9976	-0.0004
2023-08-12T10:46:50	1	0	1	1	0	1.0337	1.0325	-0.0012	-0.99	-0.9909	0.0009
2023-08-12T10:47:02	1	0	2	2	0	1.0386	1.0379	-0.0007	-0.992	-0.9921	0.0001
2023-08-12T10:47:17	1	0	79	79	0	0.9420	0.9420	0.0000	0.9984	0.9985	-0.0001
2023-08-12T10:47:44	1	0	1	1	0	1.0573	1.0563	-0.0010	0.9925	0.9924	0.0001
2023-08-12T10:51:03	1	0	6	6	0	1.0509	1.0507	-0.0002	0.9842	0.9837	0.0005
2023-08-12T10:53:21	1	0	5	5	0	1.0263	1.0256	-0.0007	-0.9886	-0.9882	-0.0004
2023-08-12T10:55:57	1	0	1	1	0	1.0353	1.0349	-0.0004	0.999	0.999	0.0000
2023-08-12T10:59:28	1	0	2	2	0	1.0529	1.0526	-0.0003	-0.9663	-0.966	-0.0003
2023-08-12T11:00:45	1	0	2	2	0	0.9598	0.9603	0.0005	-0.9999	-0.9999	0.0000
2023-08-12T11:03:04	1	0	19	18	1	1.0565	1.0561	-0.0005	0.9953	0.9953	0.0000
2023-08-12T11:03:38	1	0	4	3	1	0.9442	0.9445	0.0003	0.9775	0.9778	-0.0003
2023-08-12T11:05:39	1	0	15	15	0	1.0474	1.0473	-0.0001	0.9875	0.9874	0.0001
2023-08-12T11:06:45	1	0	15	14	1	1.0442	1.0432	-0.0010	-0.9798	-0.9778	-0.0020
2023-08-12T11:10:47	1	0	5	5	0	1.0272	1.0273	0.0001	1	1	0.0000
2023-08-12T11:13:19	1	0	7	7	0	1.0463	1.0463	-0.0001	0.9807	0.9806	0.0001
2023-08-12T11:13:52	1	0	1	1	0	1.0353	1.0350	-0.0003	0.9862	0.9862	0.0000
2023-08-12T11:15:46	1	0	1	1	0	0.9755	0.9760	0.0005	-0.9998	-0.9998	0.0000
2023-08-12T11:15:58	1	0	62	52	10	0.9467	0.9493	0.0026	0.9864	0.9876	-0.0012
2023-08-12T11:18:58	1	0	15	12	3	0.9391	0.9404	0.0013	-0.9987	-0.9986	-0.0001
2023-08-12T11:18:59	1	0	1	1	0	1.0368	1.0364	-0.0004	0.9894	0.9894	0.0000
2023-08-12T11:21:46	1	0	13	13	0	1.0389	1.0389	0.0000	-0.9821	-0.9821	0.0000
2023-08-12T11:21:55	1	0	56	54	2	0.9384	0.9384	0.0000	0.8352	0.8363	-0.0011
2023-08-12T11:25:15	1	0	9	9	0	0.9964	0.9964	0.0000	-0.9999	-0.9999	0.0000
2023-08-12T11:26:57	1	0	2	2	0	1.0562	1.0559	-0.0003	-0.9996	-0.9999	0.0003
2023-08-12T11:27:07	1	0	2	2	0	1.0432	1.0430	-0.0003	-0.9533	-0.9516	-0.0017
2023-08-12T11:31:40	1	0	1	0	1	0.9442	null	null	-0.9977	-0.9978	0.0001
2023-08-12T11:37:05	1	0	1	0	1	0.9441	null	null	0.9994	0.9995	-0.0001
2023-08-12T11:42:08	1	0	1	1	0	1.0222	1.0222	0.0000	-0.9638	-0.9621	-0.0017
2023-08-12T11:46:00	1	0	52	40	12	0.9487	0.9504	0.0017	0.9849	0.9857	-0.0008
2023-08-12T11:55:13	1	0	327	317	10	0.9155	0.9155	0.0001	0.9856	0.9744	0.0112
2023-08-12T11:56:59	1	0	2	2	0	1.0722	1.0719	-0.0003	0.9926	0.9926	0.0000
2023-08-12T12:01:01	1	0	52	52	0	0.9477	0.9482	0.0005	0.9849	0.9852	-0.0003
2023-08-12T12:08:06	1	0	6	6	0	0.9911	0.9912	0.0002	0.9584	0.9585	-0.0001
2023-08-12T12:10:14	1	0	66	66	0	0.9248	0.9248	0.0000	0.9953	0.9944	0.0009
2023-08-12T12:15:33	1	0	42	40	2	1.0534	1.0510	-0.0024	0.9877	0.9875	0.0002
2023-08-12T12:18:53	1	0	164	162	2	0.9239	0.9243	0.0003	0.973	0.9732	-0.0002
2023-08-12T12:23:11	1	0	11	10	1	1.0464	1.0455	-0.0010	0.985	0.9855	-0.0005
2023-08-12T12:30:34	1	0	37	37	0	1.0518	1.0508	-0.0010	0.9833	0.9833	0.0000
2023-08-12T12:30:53	1	0	22	21	1	1.0493	1.0490	-0.0003	1	1	0.0000
2023-08-12T12:50:25	1	0	5	5	0	1.0526	1.0519	-0.0007	-0.9147	-0.915	0.0003
2023-08-12T12:59:59	1	0	4	4	0	0.9766	0.9771	0.0005	0.9997	0.9974	0.0023
2023-08-12T13:01:26	1	0	2	2	0	0.9329	0.9337	0.0008	-1	-1	0.0000
2023-08-12T13:05:39	1	0	32	32	0	1.0542	1.0541	-0.0001	-1	-1	0.0000
2023-08-12T13:30:38	1	0	54	52	2	1.0529	1.0526	-0.0003	0.9777	0.9776	0.0001
2023-08-12T13:33:58	1	0	74	74	0	0.9465	0.9465	0.0000	0.9947	0.9948	-0.0001
2023-08-12T13:34:07	1	0	145	145	0	0.9055	0.9055	0.0000	-0.9999	-0.9999	0.0000
2023-08-12T13:45:39	1	0	26	26	0	1.0499	1.0496	-0.0003	0.9747	0.9745	0.0002
2023-08-12T13:52:06	1	0	4	4	0	1.0487	1.0486	-0.0001	-0.9916	-0.9917	0.0001
2023-08-12T13:55:21	1	0	139	134	5	0.9274	0.9274	0.0000	0.9924	0.9924	0.0000
2023-08-12T13:56:38	1	0	9	9	0	1.0107	1.0108	0.0001	0.9928	0.9928	0.0000
2023-08-12T14:00:59	1	0	13	12	1	1.0558	1.0558	0.0000	-0.9996	-0.9996	0.0000
2023-08-12T14:04:10	1	0	2	2	0	0.9433	0.9435	0.0001	0.9888	0.9891	-0.0003
2023-08-12T14:06:57	1	0	16	16	0	0.9902	0.9902	0.0000	-0.9998	-0.9998	0.0000
2023-08-12T14:10:13	1	0	6	6	0	0.9721	0.9724	0.0004	-0.9955	-0.9955	0.0000
2023-08-12T14:10:35	1	0	2	2	0	0.9430	0.9433	0.0003	0.9981	0.9982	-0.0001
2023-08-12T14:12:46	1	0	1	1	0	0.9897	0.9903	0.0006	-0.998	-0.9988	0.0008
2023-08-12T14:16:33	1	0	4	4	0	0.9571	0.9571	0.0001	-0.9999	-0.9999	0.0000
2023-08-12T14:19:12	1	0	210	209	1	0.8902	0.8907	0.0005	0.9996	0.9996	0.0000
2023-08-12T14:20:15	1	0	4	4	0	1.0488	1.0480	-0.0008	0.9983	0.9981	0.0002
2023-08-12T14:21:06	1	0	179	179	0	0.9262	0.9263	0.0001	0.9874	0.9874	0.0000
2023-08-12T14:23:12	1	0	1	1	0	1.0585	1.0581	-0.0004	0.9853	0.9851	0.0002
2023-08-12T14:24:48	1	0	2	2	0	0.9638	0.9639	0.0001	0.9648	0.9651	-0.0003
2023-08-12T14:31:19	1	0	6	6	0	1.0570	1.0570	0.0000	-0.951	-0.9511	0.0001
2023-08-12T14:33:04	1	0	1	0	1	0.9447	null	null	0.9154	0.9161	-0.0007
2023-08-12T14:35:16	1	0	4	4	0	1.0506	1.0498	-0.0008	0.9981	0.998	0.0001
2023-08-12T14:35:53	1	0	87	85	2	1.0637	1.0626	-0.0011	0.9908	0.9881	0.0027
2023-08-12T14:36:21	1	0	7	7	0	1.0484	1.0483	-0.0001	0.9545	0.9541	0.0004
2023-08-12T14:38:14	1	0	3	3	0	1.0468	1.0461	-0.0007	-0.9721	-0.9726	0.0005

2023-08-12T14:40:24	1	0	115	111	4	0.9497	0.9498	0.0001	0.9928	0.9929	-0.0001
2023-08-12T14:42:48	1	0	2	2	0	0.9625	0.9628	0.0003	-0.9989	-0.9988	-0.0001
2023-08-12T14:44:06	1	0	34	32	2	0.9430	0.9438	0.0008	-0.9998	-0.9997	-0.0001
2023-08-12T14:46:35	1	0	4	4	0	0.9777	0.9779	0.0002	-1	-1	0.0000
2023-08-12T14:46:35	1	0	2	2	0	1.0315	1.0313	-0.0002	0.9691	0.9687	0.0004
2023-08-12T14:49:03	1	0	166	166	0	0.9270	0.9275	0.0005	0.991	0.991	0.0000
2023-08-12T14:53:15	1	0	3	3	0	1.0382	1.0379	-0.0003	-0.9923	-0.9924	0.0001
2023-08-12T15:10:26	1	0	153	151	2	0.9419	0.9421	0.0002	0.992	0.993	-0.0010
2023-08-12T15:18:55	1	0	3	2	1	0.9443	0.9445	0.0001	0.9909	0.991	-0.0001
2023-08-12T15:25:27	1	0	335	329	6	0.8850	0.8755	-0.0095	0.9812	0.9769	0.0043
2023-08-12T15:36:15	1	0	1	1	0	0.9407	0.9413	0.0006	0.9627	0.964	-0.0013
2023-08-12T15:43:24	1	0	2	2	0	0.9910	0.9915	0.0006	0.9985	0.9986	-0.0001
2023-08-12T15:58:25	1	0	3	3	0	0.9749	0.9751	0.0002	0.9983	0.9983	0.0000
2023-08-12T15:58:54	1	0	2	2	0	0.9509	0.9515	0.0006	-0.9996	-0.9995	-0.0001
2023-08-12T16:15:49	1	0	12	12	0	1.0392	1.0392	0.0001	0.9782	0.9783	-0.0001
2023-08-12T17:06:40	1	0	1	1	0	1.0360	1.0360	0.0000	-0.9868	-0.9868	0.0000
2023-08-12T18:36:13	1	0	47	47	0	0.9399	0.9399	0.0000	-0.9946	-0.9942	-0.0004
2023-08-13T08:05:22	1	0	111	111	0	1.0589	1.0589	0.0000	-1	-1	0.0000
2023-08-13T08:13:42	1	0	4	4	0	1.0077	1.0075	-0.0002	-0.9868	-0.9861	-0.0007
2023-08-13T08:28:43	1	0	3	3	0	1.0281	1.0279	-0.0002	-0.9861	-0.9855	-0.0006
2023-08-13T08:35:04	1	0	269	269	0	0.8902	0.8903	0.0000	0.8875	0.8875	0.0000
2023-08-13T08:46:42	1	0	38	38	0	1.0596	1.0594	-0.0002	-0.9957	-0.9955	-0.0002
2023-08-13T08:55:44	1	0	1	1	0	1.0394	1.0389	-0.0005	-0.957	-0.9566	-0.0004
2023-08-13T09:14:51	1	0	7	7	0	0.9446	0.9449	0.0003	0.986	0.9861	-0.0001
2023-08-13T09:20:27	1	0	14	14	0	1.0505	1.0504	-0.0001	0.9966	0.9966	0.0000
2023-08-13T09:29:11	1	0	2	2	0	1.0269	1.0267	-0.0002	-0.9895	-0.9895	0.0000
2023-08-13T09:31:59	1	0	2	2	0	1.0390	1.0386	-0.0004	-0.9917	-0.9917	0.0000
2023-08-13T09:33:39	1	0	1	1	0	0.9431	0.9434	0.0003	0.9826	0.9829	-0.0003
2023-08-13T09:36:46	1	0	38	37	1	0.9418	0.9420	0.0002	-1	-1	0.0000
2023-08-13T09:42:40	1	0	8	8	0	0.9535	0.9537	0.0002	0.9784	0.9786	-0.0002
2023-08-13T09:44:53	1	0	89	88	1	0.9370	0.9372	0.0002	0.9833	0.9834	-0.0001
2023-08-13T09:45:48	1	0	1	1	0	0.7866	0.7870	0.0004	0.9997	0.9997	0.0000
2023-08-13T09:55:48	1	0	1	1	0	1.0370	1.0366	-0.0004	-0.9773	-0.9771	-0.0002
2023-08-13T10:02:14	1	0	73	69	4	0.9445	0.9448	0.0003	0.9944	0.9947	-0.0003
2023-08-13T10:03:29	1	0	218	217	1	0.8687	0.8688	0.0001	0.9998	0.9998	0.0000
2023-08-13T10:05:06	1	0	1	1	0	1.0349	1.0342	-0.0007	0.9977	0.9978	-0.0001
2023-08-13T10:05:13	1	0	7	7	0	0.9892	0.9890	-0.0002	0.9543	0.9538	0.0005
2023-08-13T10:05:50	1	0	3	3	0	1.0152	1.0145	-0.0008	0.997	0.9968	0.0002
2023-08-13T10:10:03	1	0	3	3	0	1.0163	1.0162	-0.0001	-0.999	-0.999	0.0000
2023-08-13T10:10:19	1	0	13	12	1	0.9607	0.9450	-0.0157	0.9991	0.9991	0.0000
2023-08-13T10:13:48	1	0	2	2	0	1.0344	1.0339	-0.0005	0.9925	0.9925	0.0000
2023-08-13T10:17:15	1	0	90	90	0	0.9406	0.9409	0.0003	0.9942	0.9945	-0.0003
2023-08-13T10:20:31	1	0	16	16	0	1.0458	1.0458	-0.0001	0.9909	0.9909	0.0000
2023-08-13T10:20:35	1	0	1	1	0	0.9402	0.9406	0.0004	0.9998	0.9998	0.0000
2023-08-13T10:21:47	1	0	7	7	0	0.9439	0.9440	0.0000	0.8621	0.8628	-0.0007
2023-08-13T10:25:19	1	0	1	1	0	0.9420	0.9427	0.0007	0.9867	0.9869	-0.0002
2023-08-13T10:25:20	1	0	15	15	0	0.9435	0.9436	0.0000	0.9992	0.9992	0.0000
2023-08-13T10:30:24	1	0	51	45	6	1.0510	1.0508	-0.0002	0.9891	0.9888	0.0003
2023-08-13T10:30:42	1	0	11	11	0	1.0478	1.0478	0.0000	-0.9993	-0.9993	0.0000
2023-08-13T10:30:52	1	0	22	14	8	0.9370	0.9340	-0.0030	0.9987	0.9988	-0.0001
2023-08-13T10:32:33	1	0	1	1	0	1.0563	1.0554	-0.0009	0.9912	0.9911	0.0001
2023-08-13T10:35:36	1	0	2	2	0	0.9415	0.9419	0.0003	0.9996	0.9996	0.0000
2023-08-13T10:35:54	1	0	1	1	0	1.0339	1.0336	-0.0003	-0.9985	-0.9985	0.0000
2023-08-13T10:39:49	1	0	13	14	-1	0.9924	0.9889	-0.0035	0.9614	0.9613	0.0001
2023-08-13T10:45:25	1	0	199	184	15	1.0583	1.0579	-0.0004	0.9854	0.9848	0.0006
2023-08-13T10:45:43	1	0	10	10	0	1.0463	1.0462	0.0000	-0.9999	-0.9999	0.0000
2023-08-13T10:46:15	2	0	1	1	0	0.9409	0.9416	0.0007	-0.9981	-0.9985	0.0004
2023-08-13T10:48:44	1	0	1	1	0	1.0556	1.0552	-0.0004	0.9935	0.9934	0.0001
2023-08-13T10:50:19	1	0	2	2	0	1.0458	1.0451	-0.0007	-0.9278	-0.9289	0.0011
2023-08-13T10:50:33	1	0	8	8	0	1.0452	1.0447	-0.0004	0.9886	0.9842	0.0044
2023-08-13T10:51:49	1	0	35	35	0	0.9420	0.9420	0.0000	0.8489	0.8494	-0.0005
2023-08-13T10:52:59	1	0	1	1	0	0.9615	0.9630	0.0015	0.9603	0.9601	0.0002
2023-08-13T10:54:55	1	0	5	5	0	1.0172	1.0173	0.0001	-0.9909	-0.9909	0.0000
2023-08-13T10:55:06	1	0	4	4	0	0.9990	0.9989	-0.0001	-0.9988	-0.9989	0.0001
2023-08-13T10:55:44	1	0	4	4	0	1.0335	1.0336	0.0001	0.9964	0.9964	0.0000
2023-08-13T10:58:13	1	0	16	16	0	1.0472	1.0471	-0.0001	0.9863	0.9862	0.0001
2023-08-13T11:00:26	1	0	24	23	1	1.0508	1.0506	-0.0003	0.9536	0.9531	0.0005
2023-08-13T11:01:16	1	0	1	1	0	0.9443	0.9448	0.0005	-0.9984	-0.9984	0.0000
2023-08-13T11:02:18	1	0	94	94	0	0.9424	0.9424	0.0000	0.9972	0.9971	0.0001
2023-08-13T11:03:54	1	0	84	75	9	0.9197	0.9209	0.0011	-0.9998	-0.9998	0.0000
2023-08-13T11:05:20	1	0	3	2	1	1.0488	1.0454	-0.0035	-0.9193	-0.9199	0.0006
2023-08-13T11:05:27	1	0	36	34	2	1.0535	1.0534	-0.0001	-0.9997	-0.9997	0.0000
2023-08-13T11:06:02	2	0	5	5	0	1.0498	1.0495	-0.0003	0.9802	0.9796	0.0006
2023-08-13T11:06:44	1	0	6	6	0	0.9980	0.9979	-0.0001	-0.991	-0.991	0.0000
2023-08-13T11:09:51	1	0	6	6	0	1.0170	1.0168	-0.0002	0.9749	0.9749	0.0000
2023-08-13T11:14:27	1	0	5	4	1	1.0563	1.0546	-0.0017	-0.9813	-0.9808	-0.0005
2023-08-13T11:16:17	1	0	1	1	0	0.9400	0.9402	0.0002	-0.9988	-0.9988	0.0000
2023-08-13T11:18:03	1	0	20	11	9	1.0495	1.0497	0.0003	0.994	0.9912	0.0028
2023-08-13T11:18:57	1	0	2	2	0	1.0297	1.0294	-0.0003	0.9988	0.9988	0.0000
2023-08-13T11:20:28	1	0	27	26	1	1.0523	1.0521	-0.0002	-1	-1	0.0000
2023-08-13T11:21:45	1	0	7	7	0	1.0031	1.0032	0.0001	-0.9935	-0.9934	-0.0001
2023-08-13T11:21:53	1	0	73	72	1	0.9421	0.9422	0.0002	-0.9997	-0.9997	0.0000
2023-08-13T11:25:24	1	0	32	31	1	0.9507	0.9508	0.0001	0.9969	0.9963	0.0006
2023-08-13T11:29:27	1	0	2	2	0	1.0578	1.0575	-0.0003	-0.9998	-0.9998	0.0000
2023-08-13T11:29:50	1	0	1	1	0	1.0562	1.0553	-0.0009	0.9974	0.9973	0.0001

2023-08-13T11:30:05	1	0	2	2	0	1.0770	1.0765	-0.0005	-0.9984	-0.9985	0.0001
2023-08-13T11:33:56	1	0	1	1	0	0.9412	0.9418	0.0006	-0.9901	-0.9901	0.0000
2023-08-13T11:38:09	1	0	31	29	2	1.0507	1.0500	-0.0007	0.9883	0.9891	-0.0008
2023-08-13T11:55:26	1	0	47	46	1	0.9458	0.9458	0.0000	0.9955	0.9955	0.0000
2023-08-13T11:56:58	1	0	1	0	1	0.9427	null	null	0.992	0.9922	-0.0002
2023-08-13T12:10:27	1	0	108	106	2	0.9393	0.9396	0.0003	0.996	0.9953	0.0007
2023-08-13T12:11:59	1	0	1	1	0	0.9420	0.9442	0.0022	0.9918	0.9921	-0.0003
2023-08-13T12:25:28	1	0	164	161	3	0.9231	0.9233	0.0002	0.9964	0.9919	0.0045
2023-08-13T12:51:51	1	0	30	30	0	1.0396	1.0395	0.0000	-0.9987	-0.9987	0.0000
2023-08-13T13:34:04	1	0	3	3	0	1.0032	1.0028	-0.0003	-0.9953	-0.9953	0.0000
2023-08-13T13:35:37	1	0	30	29	1	1.0538	1.0537	-0.0001	0.9997	0.9997	0.0000
2023-08-13T13:40:05	1	0	1	0	1	1.0568	null	null	-0.9981	-0.9981	0.0000
2023-08-13T13:45:38	1	0	2	2	0	1.0020	1.0022	0.0002	0.9955	0.9956	-0.0001
2023-08-13T13:46:06	1	0	67	65	2	0.9347	0.9370	0.0023	0.9818	0.9824	-0.0006
2023-08-13T13:57:06	1	0	2	2	0	0.9417	0.9423	0.0006	0.9871	0.9871	0.0000
2023-08-13T14:12:08	2	0	2	2	0	0.9386	0.9392	0.0006	0.9871	0.9872	-0.0001
2023-08-13T14:12:42	1	0	1	1	0	0.9875	0.9881	0.0006	-0.991	-0.9909	-0.0001
2023-08-13T14:15:51	1	0	1	0	1	0.9448	null	null	0.9993	0.9993	0.0000
2023-08-13T14:17:45	1	0	16	15	1	0.9600	0.9565	-0.0035	0.9744	0.9743	0.0001
2023-08-13T14:20:11	1	0	4	4	0	1.0488	1.0480	-0.0008	0.9995	0.9995	0.0000
2023-08-13T14:21:57	1	0	15	14	1	1.0123	1.0172	0.0049	1	1	0.0000
2023-08-13T14:22:23	1	0	1	0	1	0.9445	null	null	0.9975	0.9977	-0.0002
2023-08-13T14:23:49	1	0	4	3	1	0.9436	0.9441	0.0005	0.9915	0.9918	-0.0003
2023-08-13T14:27:10	1	0	2	2	0	0.9368	0.9369	0.0001	0.9872	0.9872	0.0000
2023-08-13T14:28:02	1	0	4	3	1	1.0453	1.0413	-0.0040	-0.9602	-0.9602	0.0000
2023-08-13T14:30:40	1	0	49	49	0	1.0519	1.0519	0.0000	0.9767	0.9767	0.0000
2023-08-13T14:30:52	1	0	1	1	0	0.9747	0.9752	0.0005	0.9984	0.9985	-0.0001
2023-08-13T14:31:18	1	0	8	8	0	1.0397	1.0397	-0.0001	-0.9386	-0.9387	0.0001
2023-08-13T14:34:11	1	0	1	1	0	0.9420	0.9423	0.0003	-0.9965	-0.9966	0.0001
2023-08-13T14:35:48	1	0	1	0	1	0.9816	null	null	0.9734	0.9735	-0.0001
2023-08-13T14:36:10	1	0	1	1	0	0.9439	0.9447	0.0008	0.9639	0.9656	-0.0017
2023-08-13T14:38:06	1	0	1	0	1	1.0454	null	null	-0.9714	-0.9715	0.0001
2023-08-13T14:38:50	1	0	15	12	3	0.9428	0.9429	0.0001	0.989	0.9891	-0.0001
2023-08-13T14:39:54	1	0	2	2	0	1.0570	1.0562	-0.0008	0.993	0.9926	0.0004
2023-08-13T14:42:44	1	0	1	1	0	0.9879	0.9882	0.0003	-0.9922	-0.9922	0.0000
2023-08-13T14:44:40	1	0	1	1	0	0.9440	0.9446	0.0006	0.9927	0.9927	0.0000
2023-08-13T14:46:31	1	0	4	4	0	0.9784	0.9780	-0.0004	-0.9998	-0.9998	0.0000
2023-08-13T14:46:34	1	0	1	1	0	1.0358	1.0354	-0.0004	0.9697	0.9693	0.0004
2023-08-13T14:47:06	1	0	120	119	1	0.9961	0.9954	-0.0007	-0.9944	-0.9944	0.0000
2023-08-13T14:53:07	1	0	3	1	2	1.0452	1.0450	-0.0002	-0.9677	-0.9679	0.0002
2023-08-13T14:58:02	1	0	337	336	1	0.9216	0.9216	0.0000	0.9846	0.9847	-0.0001
2023-08-13T15:01:00	1	0	50	49	1	1.0549	1.0547	-0.0001	1	1	0.0000
2023-08-13T15:06:12	1	0	1	1	0	0.9439	0.9444	0.0005	0.9938	0.9944	-0.0006
2023-08-13T15:08:52	1	0	3	3	0	0.9440	0.9443	0.0003	0.9912	0.9913	-0.0001
2023-08-13T15:14:06	1	0	6	6	0	1.0464	1.0463	-0.0001	0.9948	0.9948	0.0000
2023-08-13T15:25:40	1	0	179	175	4	0.9219	0.9220	0.0001	0.9931	0.9931	0.0000
2023-08-13T15:41:03	1	0	7	7	0	0.9747	0.9748	0.0002	0.9986	0.9993	-0.0007
2023-08-13T16:47:11	1	0	4	4	0	0.9432	0.9434	0.0002	0.9793	0.9788	0.0005
2023-08-14T08:13:42	2	0	1	1	0	1.0330	1.0325	-0.0005	-0.9953	-0.9953	0.0000
2023-08-14T08:19:47	1	0	1	1	0	1.0353	1.0349	-0.0004	-0.993	-0.993	0.0000
2023-08-14T08:32:29	1	0	17	17	0	1.0470	1.0470	0.0000	0.9811	0.981	0.0001
2023-08-14T08:36:51	1	0	27	26	1	0.9375	0.9375	0.0000	-0.9953	-0.9951	-0.0002
2023-08-14T08:44:16	1	0	69	69	0	1.0553	1.0553	-0.0001	-0.9311	-0.9307	-0.0004
2023-08-14T09:01:17	1	0	96	96	0	1.0572	1.0572	0.0000	-0.9954	-0.9955	0.0001
2023-08-14T09:02:54	1	0	25	24	1	1.0491	1.0488	-0.0003	0.9863	0.9863	0.0000
2023-08-14T09:06:49	1	0	2	2	0	1.0361	1.0361	0.0000	-0.9971	-0.997	-0.0001
2023-08-14T09:18:41	1	0	4	4	0	0.9369	0.9374	0.0004	0.9449	0.9453	-0.0004
2023-08-14T09:25:47	1	0	1	0	1	1.0332	null	null	-0.9829	-0.9828	-0.0001
2023-08-14T09:32:56	1	0	101	100	1	1.0274	1.0271	-0.0003	0.9801	0.9801	0.0000
2023-08-14T09:33:42	1	0	5	5	0	0.9679	0.9682	0.0003	0.9545	0.955	-0.0005
2023-08-14T09:35:34	1	0	12	12	0	1.0475	1.0469	-0.0005	0.9973	0.9973	0.0000
2023-08-14T09:40:57	1	0	94	93	1	0.8813	0.8814	0.0000	0.9806	0.9805	0.0001
2023-08-14T09:45:48	1	0	1	1	0	0.8374	0.8378	0.0004	0.9817	0.9818	-0.0001
2023-08-14T09:47:13	1	0	15	15	0	1.0016	1.0015	-0.0001	0.9888	0.9889	-0.0001
2023-08-14T09:48:43	1	0	45	44	1	0.9386	0.9388	0.0002	0.9332	0.9336	-0.0004
2023-08-14T09:50:05	1	0	4	4	0	1.0299	1.0298	-0.0002	0.9787	0.9788	-0.0001
2023-08-14T09:50:11	1	0	324	324	0	0.8580	0.8582	0.0002	0.8503	0.8505	-0.0002
2023-08-14T09:50:35	1	0	12	9	3	1.0466	1.0464	-0.0002	0.9968	0.9967	0.0001
2023-08-14T09:51:48	1	0	2	2	0	0.9435	0.9439	0.0003	0.9994	0.9994	0.0000
2023-08-14T09:53:30	1	0	86	86	0	0.9219	0.9225	0.0007	0.9981	0.9982	-0.0001
2023-08-14T09:55:19	1	0	3	3	0	0.9519	0.9521	0.0002	0.9952	0.9953	-0.0001
2023-08-14T10:01:21	1	0	43	42	1	1.0549	1.0549	0.0000	-0.9959	-0.9959	0.0000
2023-08-14T10:03:44	1	0	6	6	0	0.9388	0.9392	0.0004	0.9366	0.9371	-0.0005
2023-08-14T10:03:53	1	0	50	50	0	0.9346	0.9349	0.0003	1	1	0.0000
2023-08-14T10:09:45	1	0	11	11	0	1.0268	1.0268	0.0000	0.9625	0.9624	0.0001
2023-08-14T10:10:03	1	0	7	7	0	1.0161	1.0160	0.0000	0.9969	0.9968	0.0001
2023-08-14T10:10:13	1	0	14	13	1	0.9603	0.9607	0.0004	0.9936	0.9936	0.0000
2023-08-14T10:12:48	1	0	2	2	0	1.0245	1.0240	-0.0004	0.9835	0.9833	0.0002
2023-08-14T10:13:29	1	0	1	0	1	1.0056	null	null	-0.9823	-0.9821	-0.0002
2023-08-14T10:15:55	1	0	1	1	0	1.0122	1.0117	-0.0005	0.9973	0.997	0.0003
2023-08-14T10:16:48	1	0	1	1	0	1.0346	1.0336	-0.0010	0.986	0.9846	0.0014
2023-08-14T10:18:45	1	0	21	19	2	0.9478	0.9474	-0.0004	0.9505	0.9506	-0.0001
2023-08-14T10:19:54	1	0	12	11	1	1.0481	1.0473	-0.0008	0.9925	0.9925	0.0000
2023-08-14T10:20:50	1	0	3	3	0	1.0224	1.0217	-0.0007	0.999	0.9988	0.0002
2023-08-14T10:20:53	1	0	2	2	0	1.0293	1.0289	-0.0004	1	1	0.0000

2023-08-14T10:21:38	1	0	35	31	4	1.0553	1.0552	-0.0001	-0.9872	-0.9872	0.0000
2023-08-14T10:22:59	1	0	11	9	2	0.9473	0.9466	-0.0007	-0.9997	-0.9996	-0.0001
2023-08-14T10:24:46	1	0	10	10	0	1.0259	1.0258	-0.0001	0.9617	0.9616	0.0001
2023-08-14T10:25:51	1	0	1	1	0	1.0246	1.0241	-0.0005	-0.9883	-0.9882	-0.0001
2023-08-14T10:28:30	1	0	2	2	0	1.0080	1.0077	-0.0002	-0.9851	-0.9851	0.0000
2023-08-14T10:29:18	1	0	3	3	0	1.0418	1.0415	-0.0003	-0.9428	-0.9436	0.0008
2023-08-14T10:29:56	1	0	5	4	1	0.9437	0.9441	0.0004	0.979	0.9792	-0.0002
2023-08-14T10:30:51	1	0	1	1	0	1.0192	1.0186	-0.0006	0.9528	0.9526	0.0002
2023-08-14T10:32:16	1	0	9	9	0	0.9891	0.9891	0.0001	0.9886	0.9886	0.0000
2023-08-14T10:34:12	1	0	3	3	0	1.0438	1.0433	-0.0004	0.9979	0.9978	0.0001
2023-08-14T10:35:25	1	0	9	9	0	0.9384	0.9385	0.0001	0.992	0.9924	-0.0004
2023-08-14T10:35:51	1	0	3	3	0	1.0199	1.0192	-0.0007	0.9987	0.9986	0.0001
2023-08-14T10:40:15	1	0	2	2	0	1.0093	1.0097	0.0004	0.997	0.9971	-0.0001
2023-08-14T10:41:51	1	0	1	0	1	1.0552	null	null	1	1	0.0000
2023-08-14T10:41:54	1	0	2	2	0	1.0711	1.0706	-0.0005	0.9995	0.9995	0.0000
2023-08-14T10:47:17	1	0	8	8	0	0.9759	0.9761	0.0002	0.9881	0.9881	0.0000
2023-08-14T10:50:39	1	0	20	18	2	1.0486	1.0486	0.0000	1	1	0.0000
2023-08-14T10:50:52	1	0	3	3	0	1.0224	1.0220	-0.0004	0.998	0.9981	-0.0001
2023-08-14T10:51:40	1	0	23	23	0	1.0536	1.0536	0.0000	-0.9845	-0.9845	0.0000
2023-08-14T10:53:19	1	0	47	46	1	1.0451	1.0448	-0.0003	-0.9988	-0.9988	0.0000
2023-08-14T10:53:34	1	0	85	83	2	0.9260	0.9267	0.0007	0.9981	0.9982	-0.0001
2023-08-14T10:55:48	1	0	6	6	0	1.0342	1.0343	0.0001	0.9992	0.9992	0.0000
2023-08-14T11:00:26	1	0	7	7	0	1.0489	1.0489	0.0000	0.993	0.993	0.0000
2023-08-14T11:00:55	1	0	68	63	5	0.9503	0.9530	0.0027	0.9787	0.9803	-0.0016
2023-08-14T11:05:40	1	0	20	17	3	1.0412	1.0409	-0.0003	1	1	0.0000
2023-08-14T11:06:03	2	0	4	4	0	1.0511	1.0508	-0.0003	0.9877	0.9873	0.0004
2023-08-14T11:07:55	1	0	1	1	0	1.0621	1.0616	-0.0005	0.9874	0.9872	0.0002
2023-08-14T11:08:35	1	0	86	85	1	0.9239	0.9242	0.0003	0.9978	0.9979	-0.0001
2023-08-14T11:14:26	1	0	65	64	1	1.0544	1.0544	0.0000	-0.9524	-0.9519	-0.0005
2023-08-14T11:14:59	1	0	9	9	0	0.9413	0.9418	0.0005	0.9757	0.9758	-0.0001
2023-08-14T11:15:27	1	0	5	5	0	1.0306	1.0308	0.0002	0.9922	0.9921	0.0001
2023-08-14T11:15:47	1	0	22	21	1	1.0489	1.0485	-0.0004	1	1	0.0000
2023-08-14T11:19:08	1	0	4	3	1	0.9712	0.9763	0.0051	-0.9996	-0.9995	-0.0001
2023-08-14T11:20:28	1	0	24	22	2	0.9365	0.9363	-0.0002	0.9869	0.9873	-0.0004
2023-08-14T11:25:18	1	0	3	3	0	1.0278	1.0279	0.0001	0.9964	0.9964	0.0000
2023-08-14T11:26:40	1	0	1	1	0	0.9434	0.9438	0.0004	0.9272	0.9269	0.0003
2023-08-14T11:28:53	1	0	4	4	0	1.0472	1.0470	-0.0002	0.9684	0.9682	0.0002
2023-08-14T11:30:39	1	0	1	1	0	0.9412	0.9418	0.0006	0.995	0.9951	-0.0001
2023-08-14T11:30:48	1	0	43	43	0	1.0557	1.0555	-0.0002	0.9989	0.9989	0.0000
2023-08-14T11:31:22	1	0	3	3	0	1.0406	1.0402	-0.0003	-0.9986	-0.9986	0.0000
2023-08-14T11:32:37	1	0	1	1	0	1.0582	1.0572	-0.0010	0.9713	0.9712	0.0001
2023-08-14T11:34:16	1	0	2	2	0	1.0325	1.0321	-0.0004	0.9969	0.9969	0.0000
2023-08-14T11:36:43	1	0	19	18	1	1.0463	1.0458	-0.0005	-0.9911	-0.9911	0.0000
2023-08-14T11:39:59	1	0	3	3	0	1.0586	1.0582	-0.0003	-0.9975	-0.9975	0.0000
2023-08-14T11:45:29	1	0	9	6	3	1.0472	1.0476	0.0005	0.9925	0.9924	0.0001
2023-08-14T11:49:12	1	0	4	4	0	1.0342	1.0341	-0.0001	-0.9981	-0.9981	0.0000
2023-08-14T11:50:19	1	0	372	370	2	0.8530	0.8531	0.0001	0.8444	0.8448	-0.0004
2023-08-14T11:51:56	1	0	12	12	0	0.9560	0.9559	-0.0001	0.9989	0.9988	0.0001
2023-08-14T12:16:07	1	0	15	14	1	1.0528	1.0525	-0.0003	-0.9178	-0.9179	0.0001
2023-08-14T12:17:11	1	0	36	35	1	1.0501	1.0500	-0.0002	-0.9857	-0.9857	0.0000
2023-08-14T12:18:33	1	0	323	323	0	1.0681	1.0681	0.0000	-0.9565	-0.9579	0.0014
2023-08-14T12:20:38	1	0	20	19	1	1.0545	1.0541	-0.0004	0.9631	0.963	0.0001
2023-08-14T12:34:16	1	0	44	40	4	0.9384	0.9389	0.0005	-0.9991	-0.9991	0.0000
2023-08-14T12:35:39	1	0	17	16	1	1.0524	1.0520	-0.0004	0.961	0.9609	0.0001
2023-08-14T12:38:12	1	0	3	3	0	0.9864	0.9870	0.0006	0.9593	0.9601	-0.0008
2023-08-14T12:50:23	1	0	369	369	0	0.8399	0.8399	0.0000	0.8479	0.8479	0.0000
2023-08-14T13:00:45	1	0	4	5	-1	0.9430	0.9434	0.0005	0.9957	0.9957	0.0000
2023-08-14T13:23:16	1	0	2	2	0	0.9897	0.9900	0.0003	0.9559	0.9564	-0.0005
2023-08-14T13:30:47	1	0	18	18	0	0.9417	0.9417	0.0000	0.9961	0.9961	0.0000
2023-08-14T13:40:07	1	0	13	11	2	0.9453	0.9443	-0.0010	-0.9962	-0.9962	0.0000
2023-08-14T13:40:27	1	0	52	50	2	0.9565	0.9566	0.0002	0.9909	0.9898	0.0011
2023-08-14T13:43:37	1	0	4	4	0	1.0167	1.0166	-0.0001	-0.9999	-0.9999	0.0000
2023-08-14T13:52:06	1	0	8	8	0	0.9763	0.9763	0.0000	0.9969	0.9968	0.0001
2023-08-14T13:55:08	1	0	54	54	0	0.9334	0.9340	0.0006	-0.9969	-0.9969	0.0000
2023-08-14T14:16:38	1	0	19	18	1	1.0515	1.0514	-0.0001	1	1	0.0000
2023-08-14T14:20:10	1	0	4	4	0	1.0519	1.0513	-0.0006	0.9984	0.9983	0.0001
2023-08-14T14:28:24	1	0	16	16	0	0.9817	0.9817	0.0000	0.9723	0.9723	0.0000
2023-08-14T14:31:10	1	0	47	44	3	0.9335	0.9336	0.0001	0.987	0.9871	-0.0001
2023-08-14T14:31:46	1	0	1	0	1	0.9448	null	null	0.9998	0.9998	0.0000
2023-08-14T14:35:11	1	0	4	4	0	1.0511	1.0505	-0.0006	0.9972	0.9971	0.0001
2023-08-14T14:38:21	1	0	29	28	1	1.0459	1.0455	-0.0005	0.9707	0.9713	-0.0006
2023-08-14T14:41:01	1	0	1	1	0	1.0155	1.0146	-0.0009	0.9718	0.9716	0.0002
2023-08-14T14:46:35	1	0	1	0	1	0.9447	null	null	-1	-1	0.0000
2023-08-14T14:47:11	1	0	2	2	0	1.0492	1.0488	-0.0004	-0.9957	-0.9961	0.0004
2023-08-14T14:49:15	1	0	77	75	2	0.9163	0.9167	0.0003	0.9996	0.9996	0.0000
2023-08-14T14:56:19	1	0	12	10	2	0.9437	0.9443	0.0006	-0.981	-0.9808	-0.0002
2023-08-14T14:57:45	1	0	1	1	0	0.9895	0.9902	0.0007	-0.9984	-0.9984	0.0000
2023-08-14T14:58:26	1	0	22	22	0	0.9677	0.9678	0.0001	0.9678	0.968	-0.0002
2023-08-14T15:05:49	1	0	23	22	1	1.0532	1.0531	-0.0001	0.9819	0.9819	0.0000
2023-08-14T15:05:56	2	0	17	17	0	1.0405	1.0400	-0.0005	0.9977	0.9975	0.0002
2023-08-14T15:14:11	1	0	7	7	0	1.0455	1.0454	-0.0001	0.9836	0.9833	0.0003
2023-08-14T15:20:57	1	0	16	16	0	1.0404	1.0401	-0.0002	0.9976	0.9975	0.0001
2023-08-14T15:22:19	1	0	1	0	1	0.9441	null	null	0.9062	0.9067	-0.0005
2023-08-14T15:24:21	1	0	11	11	0	1.0353	1.0352	-0.0001	0.9968	0.9968	0.0000
2023-08-14T15:25:27	1	0	157	157	0	0.9221	0.9222	0.0001	-0.9951	-0.995	-0.0001

2023-08-14T15:25:55	1	0	13	12	1	1.0481	1.0475	-0.0006	1	1	0.0000
2023-08-14T15:34:20	1	0	2	1	1	0.9918	1.0241	0.0323	0.9878	0.9878	0.0000
2023-08-14T15:46:51	1	0	3	3	0	0.9692	0.9697	0.0005	0.9989	0.9989	0.0000
2023-08-14T15:49:21	1	0	5	5	0	0.9955	0.9957	0.0002	0.9936	0.9937	-0.0001
2023-08-14T15:50:59	1	0	14	14	0	1.0392	1.0390	-0.0002	0.9966	0.9965	0.0001
2023-08-14T16:07:01	1	0	19	18	1	0.9943	0.9934	-0.0009	-0.9998	-0.9998	0.0000
2023-08-14T16:31:17	1	0	73	73	0	0.9378	0.9409	0.0030	0.9883	0.9883	0.0000
2023-08-14T16:31:18	1	0	6	6	0	0.9139	0.9142	0.0003	0.9918	0.9919	-0.0001
2023-08-14T16:32:24	1	0	1	1	0	0.9857	0.9861	0.0004	0.9983	0.9982	0.0001
2023-08-14T16:41:50	1	0	13	12	1	1.0389	1.0384	-0.0005	1	1	0.0000
2023-08-14T16:43:53	1	0	6	6	0	1.0267	1.0266	-0.0001	0.9973	0.9972	0.0001
2023-08-14T17:21:05	1	0	5	5	0	1.0466	1.0466	0.0000	0.9978	0.9978	0.0000
2023-08-14T17:40:53	1	0	9	9	0	1.0453	1.0453	0.0000	0.995	0.995	0.0000
2023-08-14T17:57:27	1	0	21	21	0	0.9419	0.9419	0.0000	0.9891	0.9891	0.0000
2023-08-14T18:10:55	1	0	4	4	0	1.0432	1.0432	0.0000	0.9924	0.9924	0.0000
2023-08-14T18:36:11	1	0	54	54	0	0.9395	0.9395	0.0000	-0.9463	-0.945	-0.0013
2023-08-15T07:58:37	1	0	45	45	0	0.9306	0.9308	0.0002	0.9977	0.9977	0.0000
2023-08-15T08:00:37	1	0	55	54	1	0.9417	0.9417	0.0000	-0.9981	-0.9981	0.0000
2023-08-15T08:13:38	1	0	42	42	0	0.9311	0.9312	0.0001	0.9991	0.9991	0.0000
2023-08-15T08:17:26	1	0	2	2	0	1.0457	1.0457	0.0000	0.9756	0.9756	0.0000
2023-08-15T08:26:55	1	0	141	141	0	0.8886	0.8886	0.0000	-0.9963	-0.9962	-0.0001
2023-08-15T08:43:47	2	0	3	3	0	1.0312	1.0309	-0.0003	-0.9957	-0.9957	0.0000
2023-08-15T08:47:55	1	0	69	68	1	0.9791	0.9777	-0.0014	0.9773	0.9774	-0.0001
2023-08-15T08:50:07	1	0	157	157	0	0.9096	0.9096	0.0000	0.8817	0.8818	-0.0001
2023-08-15T08:55:08	1	0	1	1	0	0.9398	0.9402	0.0004	-0.9732	-0.9726	-0.0006
2023-08-15T09:02:56	1	0	53	52	1	1.0413	1.0412	0.0000	0.9793	0.9793	0.0000
2023-08-15T09:05:08	1	0	305	305	0	0.8763	0.8764	0.0001	0.8609	0.8609	0.0000
2023-08-15T09:18:33	1	0	8	8	0	1.0457	1.0455	-0.0002	0.999	0.9983	0.0007
2023-08-15T09:18:41	1	0	6	6	0	0.9401	0.9404	0.0003	0.9584	0.9586	-0.0002
2023-08-15T09:26:51	1	0	54	53	1	1.0585	1.0584	-0.0001	-1	-1	0.0000
2023-08-15T09:29:20	1	0	46	44	2	1.0529	1.0527	-0.0003	-0.9985	-0.9985	0.0000
2023-08-15T09:31:12	1	0	11	11	0	1.0444	1.0444	0.0000	-0.9982	-0.9982	0.0000
2023-08-15T09:33:34	1	0	62	59	3	1.0557	1.0554	-0.0003	-1	-1	0.0000
2023-08-15T09:33:42	1	0	1	1	0	0.9354	0.9357	0.0003	0.9576	0.9578	-0.0002
2023-08-15T09:33:57	1	0	117	117	0	0.8800	0.8800	0.0001	0.9935	0.9935	0.0000
2023-08-15T09:35:12	1	0	269	269	0	0.8902	0.8903	0.0001	0.8801	0.8802	-0.0001
2023-08-15T09:42:47	1	0	2	2	0	1.0250	1.0248	-0.0003	0.9865	0.9864	0.0001
2023-08-15T09:43:28	1	0	3	3	0	1.0241	1.0237	-0.0004	0.9653	0.9652	0.0001
2023-08-15T09:44:09	1	0	3	3	0	1.0364	1.0362	-0.0002	-0.9939	-0.9941	0.0002
2023-08-15T09:44:55	1	0	2	2	0	0.9419	0.9425	0.0006	0.9771	0.9772	-0.0001
2023-08-15T09:45:52	1	0	1	1	0	0.8212	0.8216	0.0004	0.9928	0.9929	-0.0001
2023-08-15T09:48:35	1	0	36	39	-3	1.0531	1.0528	-0.0002	-1	1	0.0000
2023-08-15T09:48:43	1	0	52	51	1	0.9385	0.9390	0.0005	0.9383	0.9387	-0.0004
2023-08-15T09:49:58	1	0	85	85	0	1.0577	1.0574	-0.0003	-0.9955	-0.9958	0.0003
2023-08-15T09:50:09	1	0	2	2	0	1.0292	1.0290	-0.0002	0.9694	0.9693	0.0001
2023-08-15T09:50:38	1	0	2	2	0	0.9593	0.9596	0.0003	0.9334	0.9332	0.0002
2023-08-15T09:53:31	1	0	97	93	4	0.9144	0.9151	0.0007	0.9958	0.9959	-0.0001
2023-08-15T09:56:52	1	0	1	1	0	0.9698	0.9703	0.0005	0.9985	0.9986	-0.0001
2023-08-15T10:00:36	1	0	32	31	1	0.9368	0.9371	0.0003	0.9924	0.9925	-0.0001
2023-08-15T10:03:36	1	0	20	17	3	1.0485	1.0481	-0.0005	-1	-1	0.0000
2023-08-15T10:03:44	1	0	19	19	0	0.9422	0.9425	0.0003	0.9552	0.9555	-0.0003
2023-08-15T10:03:52	1	0	56	56	0	0.9307	0.9311	0.0003	0.9994	0.9994	0.0000
2023-08-15T10:06:54	1	0	1	1	0	0.9439	0.9443	0.0004	0.9986	0.9986	0.0000
2023-08-15T10:07:51	2	0	2	2	0	1.0442	1.0436	-0.0006	-0.9989	-0.999	0.0001
2023-08-15T10:10:07	1	0	4	4	0	1.0246	1.0245	-0.0001	-0.9998	-0.9998	0.0000
2023-08-15T10:12:32	1	0	2	2	0	0.9951	0.9953	0.0002	-0.9939	-0.9938	-0.0001
2023-08-15T10:13:30	1	0	1	1	0	1.0048	1.0041	-0.0007	-0.9958	-0.9959	0.0001
2023-08-15T10:14:57	1	0	6	6	0	0.9428	0.9433	0.0005	0.9728	0.9729	-0.0001
2023-08-15T10:15:26	1	0	1	1	0	0.9719	1.0450	0.0731	0.9906	0.9906	0.0000
2023-08-15T10:15:47	1	0	4	4	0	1.0414	1.0414	-0.0001	0.9983	0.9983	0.0000
2023-08-15T10:17:14	1	0	92	92	0	0.9335	0.9335	0.0000	0.9805	0.9804	0.0001
2023-08-15T10:17:36	1	0	26	25	1	0.9403	0.9404	0.0001	0.9604	0.9606	-0.0002
2023-08-15T10:20:54	1	0	3	3	0	1.0226	1.0218	-0.0009	0.9993	0.9992	0.0001
2023-08-15T10:20:55	1	0	2	2	0	1.0322	1.0319	-0.0003	1	1	0.0000
2023-08-15T10:28:31	1	0	1	1	0	1.0027	1.0023	-0.0004	-0.9968	-0.9968	0.0000
2023-08-15T10:31:16	1	0	2	1	1	1.0266	1.0255	-0.0010	-1	-1	0.0000
2023-08-15T10:32:14	1	0	68	64	4	1.0525	1.0522	-0.0003	-0.9807	-0.9808	0.0001
2023-08-15T10:32:37	1	0	1	0	1	1.0552	null	null	0.9781	0.9781	0.0000
2023-08-15T10:33:46	1	0	4	4	0	0.9652	0.9651	-0.0002	0.9666	0.9665	0.0001
2023-08-15T10:34:54	1	0	6	5	1	0.9674	0.9725	0.0051	0.9947	0.9948	-0.0001
2023-08-15T10:35:55	1	0	3	3	0	1.0217	1.0211	-0.0006	0.9973	0.997	0.0003
2023-08-15T10:38:04	1	0	11	11	0	1.0125	1.0127	0.0002	-0.9989	-0.9988	-0.0001
2023-08-15T10:38:34	1	0	102	101	1	0.9072	0.9077	0.0005	0.9942	0.9943	-0.0001
2023-08-15T10:39:46	1	0	13	13	0	1.0231	1.0230	-0.0001	0.9582	0.958	0.0002
2023-08-15T10:40:46	1	0	2	2	0	1.0099	1.0101	0.0002	0.9943	0.9943	0.0000
2023-08-15T10:44:25	1	0	115	114	1	1.0585	1.0585	0.0000	-0.9584	-0.9577	-0.0007
2023-08-15T10:47:15	1	0	52	51	1	1.0511	1.0510	-0.0001	-0.984	-0.984	0.0000
2023-08-15T10:48:39	1	0	14	13	1	1.0500	1.0498	-0.0002	-1	-1	0.0000
2023-08-15T10:48:55	1	0	96	93	3	0.9204	0.9207	0.0003	0.9949	0.9948	0.0001
2023-08-15T10:49:57	1	0	2	1	1	1.0457	1.0453	-0.0004	1	1	0.0000
2023-08-15T10:53:35	1	0	97	95	2	0.9134	0.9138	0.0003	0.9959	0.996	-0.0001
2023-08-15T10:54:47	1	0	10	10	0	1.0285	1.0284	-0.0001	0.956	0.9558	0.0002
2023-08-15T10:55:14	1	0	6	6	0	1.0204	1.0204	-0.0001	-1	-1	0.0000
2023-08-15T10:56:56	1	0	2	2	0	1.0726	1.0720	-0.0006	0.9999	0.9999	0.0000
2023-08-15T11:00:50	1	0	8	8	0	1.0446	1.0446	0.0000	0.9975	0.9975	0.0000

2023-08-15T11:03:08	1	0	2	2	0	0.9423	0.9426	0.0003	0.9327	0.9332	-0.0005
2023-08-15T11:03:56	1	0	115	109	6	0.9172	0.9177	0.0005	0.9991	0.9991	0.0000
2023-08-15T11:04:56	1	0	10	8	2	0.9460	0.9465	0.0005	0.9933	0.9922	0.0011
2023-08-15T11:05:57	1	0	1	1	0	1.0092	1.0085	-0.0007	0.9881	0.9889	-0.0008
2023-08-15T11:06:44	1	0	13	12	1	1.0371	1.0356	-0.0015	-0.9985	-0.9984	-0.0001
2023-08-15T11:09:57	2	0	1	0	1	1.0551	null	null	-0.9971	-0.9971	0.0000
2023-08-15T11:19:18	1	0	13	7	6	0.9535	0.9604	0.0069	-0.9967	-0.9967	0.0000
2023-08-15T11:21:05	1	0	5	5	0	1.0508	1.0506	-0.0002	0.9895	0.9892	0.0003
2023-08-15T11:21:45	1	0	9	9	0	1.0282	1.0282	0.0001	-0.9997	-0.9997	0.0000
2023-08-15T11:24:58	1	0	2	1	1	1.0583	1.0570	-0.0013	-0.9981	-0.9989	0.0008
2023-08-15T11:33:58	1	0	139	139	0	0.9125	0.9128	0.0003	0.9976	0.997	0.0006
2023-08-15T11:35:37	1	0	26	18	8	1.0555	1.0545	-0.0010	0.9551	0.9545	0.0006
2023-08-15T11:38:26	1	0	5	5	0	1.0187	1.0182	-0.0005	0.9969	0.9968	0.0001
2023-08-15T11:40:20	1	0	1	1	0	0.9870	0.9876	0.0006	0.9879	0.9881	-0.0002
2023-08-15T11:40:50	1	0	2	2	0	0.9425	0.9433	0.0008	0.9431	0.9433	-0.0002
2023-08-15T11:41:59	1	0	3	3	0	1.0589	1.0587	-0.0002	-0.9989	-0.999	0.0001
2023-08-15T11:49:59	1	0	4	4	0	1.0121	1.0119	-0.0001	0.9993	0.9993	0.0000
2023-08-15T11:50:38	1	0	20	17	3	1.0539	1.0531	-0.0008	0.9537	0.9533	0.0004
2023-08-15T12:00:33	1	0	24	23	1	1.0534	1.0530	-0.0004	0.9963	0.9963	0.0000
2023-08-15T12:05:00	1	0	62	61	1	0.9405	0.9410	0.0005	0.9905	0.9894	0.0011
2023-08-15T12:05:39	1	0	19	19	0	1.0545	1.0541	-0.0004	0.9552	0.955	0.0002
2023-08-15T12:08:29	1	0	2	2	0	0.9966	0.9975	0.0009	0.9577	0.9584	-0.0007
2023-08-15T12:16:02	1	0	45	40	5	0.9445	0.9454	0.0009	0.9803	0.9807	-0.0004
2023-08-15T12:20:40	1	0	23	21	2	1.0545	1.0542	-0.0004	0.9527	0.9526	0.0001
2023-08-15T12:23:30	1	0	1	1	0	0.9653	0.9662	0.0009	0.9588	0.9593	-0.0005
2023-08-15T12:29:58	1	0	20	20	0	1.0477	1.0476	-0.0001	0.9931	0.9934	-0.0003
2023-08-15T13:19:05	1	0	166	160	6	0.9988	0.9985	-0.0003	-0.9967	-0.9968	0.0001
2023-08-15T13:40:58	1	0	2	2	0	1.0145	1.0140	-0.0005	0.971	0.9709	0.0001
2023-08-15T13:43:23	2	0	19	18	1	0.9623	0.9624	0.0000	0.9634	0.9635	-0.0001
2023-08-15T13:49:28	1	0	98	96	2	0.9283	0.9288	0.0005	1	1	0.0000
2023-08-15T13:50:07	1	0	45	45	0	0.9524	0.9530	0.0006	0.995	0.9942	0.0008
2023-08-15T13:57:04	1	0	1	1	0	0.9399	0.9434	0.0035	0.9827	0.9833	-0.0006
2023-08-15T14:04:29	1	0	111	105	6	0.9231	0.9238	0.0007	0.9998	0.9998	0.0000
2023-08-15T14:15:53	1	0	6	6	0	0.9419	0.9420	0.0001	0.9974	0.9975	-0.0001
2023-08-15T14:18:53	1	0	2	2	0	0.9809	0.9795	-0.0015	0.996	0.9959	0.0001
2023-08-15T14:19:30	1	0	141	138	3	0.9207	0.9215	0.0008	0.9996	0.9996	0.0000
2023-08-15T14:20:10	1	0	7	7	0	0.9790	0.9792	0.0002	0.9947	0.9947	0.0000
2023-08-15T14:20:11	1	0	1	1	0	1.0457	1.0450	-0.0007	0.9965	0.9963	0.0002
2023-08-15T14:24:19	1	0	8	8	0	1.0207	1.0208	0.0001	0.9943	0.9943	0.0000
2023-08-15T14:26:01	1	0	2	2	0	1.0139	1.0136	-0.0003	0.9709	0.9708	0.0001
2023-08-15T14:28:26	1	0	10	10	0	0.9965	0.9966	0.0001	0.9744	0.9745	-0.0001
2023-08-15T14:30:43	1	0	21	20	1	1.0533	1.0533	0.0000	0.9972	0.9972	0.0000
2023-08-15T14:31:04	1	0	63	63	0	1.0580	1.0579	-0.0001	0.9969	0.9969	0.0000
2023-08-15T14:31:32	1	0	1	1	0	0.9308	0.9318	0.0010	0.9998	0.9999	-0.0001
2023-08-15T14:31:58	1	0	11	11	0	0.9622	0.9623	0.0001	0.9727	0.9728	-0.0001
2023-08-15T14:33:54	2	0	11	11	0	1.0471	1.0468	-0.0004	0.9963	0.9961	0.0002
2023-08-15T14:38:22	1	0	67	62	5	1.0543	1.0537	-0.0006	0.9446	0.9442	0.0004
2023-08-15T14:44:12	1	0	12	12	0	1.0463	1.0463	-0.0001	0.9836	0.9835	0.0001
2023-08-15T14:46:10	1	0	124	123	1	0.9301	0.9302	0.0000	0.9583	0.9581	0.0002
2023-08-15T14:46:20	1	0	15	15	0	1.0147	1.0147	0.0000	-0.9571	-0.9574	0.0003
2023-08-15T14:47:32	1	0	141	141	0	0.9147	0.9148	0.0001	0.974	0.9739	0.0001
2023-08-15T14:49:32	1	0	62	59	3	0.9488	0.9490	0.0003	0.9987	0.9988	-0.0001
2023-08-15T14:58:28	1	0	13	13	0	0.9646	0.9647	0.0001	0.9536	0.9538	-0.0002
2023-08-15T15:01:34	1	0	2	2	0	0.9318	0.9321	0.0003	0.9939	0.9939	0.0000
2023-08-15T15:31:53	1	0	2	2	0	0.9816	0.9821	0.0005	0.994	0.994	0.0000
2023-08-15T15:33:43	1	0	1	0	1	0.9816	null	null	-0.9998	-0.9998	0.0000
2023-08-15T15:45:48	1	0	3	3	0	1.0127	1.0128	0.0001	0.9891	0.989	0.0001
2023-08-15T15:46:15	1	0	135	135	0	0.9292	0.9291	0.0000	0.9593	0.9593	0.0000
2023-08-15T15:46:54	1	0	2	2	0	0.9438	0.9442	0.0003	0.9977	0.9977	0.0000
2023-08-15T15:51:16	1	0	1	1	0	0.9434	0.9439	0.0005	0.963	0.9644	-0.0014
2023-08-15T15:56:07	1	0	43	41	2	1.0333	1.0332	-0.0001	0.9992	0.9988	0.0004
2023-08-15T15:59:18	1	0	37	37	0	0.9489	0.9490	0.0001	0.9965	0.9965	0.0000
2023-08-15T16:07:05	1	0	19	18	1	0.9862	0.9886	0.0023	-0.9996	-0.9995	-0.0001
2023-08-15T16:20:24	1	0	31	30	1	0.9386	0.9388	0.0002	0.995	0.9899	0.0051
2023-08-15T16:30:51	1	0	2	2	0	0.9939	0.9943	0.0004	0.9857	0.9857	0.0000
2023-08-15T17:57:28	1	0	60	60	0	0.9356	0.9356	0.0000	0.9849	0.985	-0.0001
2023-08-16T08:13:36	1	0	4	4	0	1.0282	1.0279	-0.0003	-0.9919	-0.9919	0.0000
2023-08-16T08:17:46	1	0	74	72	2	1.0298	1.0297	0.0000	0.9849	0.9849	0.0000
2023-08-16T08:18:32	1	0	47	46	1	0.9384	0.9386	0.0001	0.9367	0.9368	-0.0001
2023-08-16T08:23:07	1	0	189	187	2	1.0571	1.0571	0.0000	-0.9921	-0.992	-0.0001
2023-08-16T08:28:37	1	0	3	3	0	1.0263	1.0261	-0.0002	-0.9999	-0.9999	0.0000
2023-08-16T08:36:45	1	0	1	1	0	0.9416	0.9420	0.0004	-0.9828	-0.9826	-0.0002
2023-08-16T08:40:37	1	0	1	1	0	1.0354	1.0350	-0.0004	-0.9298	-0.9292	-0.0006
2023-08-16T08:49:59	1	0	309	309	0	0.8795	0.8795	0.0001	0.8613	0.8613	0.0000
2023-08-16T09:35:26	1	0	18	18	0	1.0496	1.0496	-0.0001	0.9997	0.9997	0.0000
2023-08-16T09:40:10	1	0	5	5	0	0.9494	0.9496	0.0002	0.9948	0.9949	-0.0001
2023-08-16T09:43:19	1	0	6	6	0	1.0297	1.0295	-0.0002	0.9943	0.9943	0.0000
2023-08-16T09:44:47	1	0	153	149	4	0.9287	0.9293	0.0006	0.9796	0.9798	-0.0002
2023-08-16T09:45:42	1	0	1	1	0	0.8183	0.8187	0.0004	0.9937	0.9937	0.0000
2023-08-16T09:45:47	1	0	1	1	0	1.0104	1.0100	-0.0004	0.9969	0.9945	0.0024
2023-08-16T09:46:10	1	0	2	2	0	1.0266	1.0263	-0.0003	-0.9995	-0.9995	0.0000
2023-08-16T09:48:43	1	0	11	7	4	1.0468	1.0469	0.0001	-0.9933	-0.9935	0.0002
2023-08-16T09:49:26	1	0	18	18	0	1.0417	1.0416	-0.0001	-0.9952	-0.9952	0.0000
2023-08-16T09:49:59	1	0	4	4	0	1.0233	1.0230	-0.0003	0.9859	0.9858	0.0001
2023-08-16T09:50:05	1	0	456	448	8	0.8861	0.8865	0.0004	0.8578	0.8583	-0.0005

2023-08-16T09:50:27	1	0	19	19	0	1.0501	1.0496	-0.0005	0.9996	0.9996	0.0000
2023-08-16T09:50:28	2	0	4	3	1	0.9435	0.9436	0.0001	0.9973	0.9973	0.0000
2023-08-16T09:53:26	1	0	95	90	5	0.9159	0.9166	0.0007	0.998	0.9981	-0.0001
2023-08-16T09:55:52	1	0	123	121	2	0.9273	0.9276	0.0004	0.987	0.987	0.0000
2023-08-16T09:56:52	1	0	5	5	0	0.9486	0.9488	0.0002	0.9354	0.9354	0.0000
2023-08-16T10:00:43	1	0	1	1	0	0.8092	0.8092	0.0000	0.9927	0.9927	0.0000
2023-08-16T10:03:39	1	0	8	9	-1	0.9405	0.9532	0.0127	0.9144	0.9153	-0.0009
2023-08-16T10:03:44	1	0	51	51	0	0.9334	0.9338	0.0005	0.9996	0.9996	0.0000
2023-08-16T10:05:06	1	0	293	292	1	0.8747	0.8749	0.0002	0.873	0.8732	-0.0002
2023-08-16T10:05:28	1	0	25	25	0	1.0520	1.0513	-0.0006	0.9995	0.9994	0.0001
2023-08-16T10:07:46	1	0	1	1	0	1.0338	1.0333	-0.0005	-0.9998	-0.9998	0.0000
2023-08-16T10:07:52	1	0	2	0	2	0.9448	null	null	0.9999	0.9999	0.0000
2023-08-16T10:10:53	1	0	104	103	1	0.9304	0.9308	0.0004	0.9921	0.9922	-0.0001
2023-08-16T10:14:16	1	0	127	126	1	1.0643	1.0643	0.0000	-0.9412	-0.9553	0.0141
2023-08-16T10:15:35	1	0	1	1	0	1.0383	1.0380	-0.0003	0.9961	0.9961	0.0000
2023-08-16T10:17:06	1	0	36	31	5	0.9485	0.9492	0.0007	0.9807	0.9806	0.0001
2023-08-16T10:20:44	1	0	2	2	0	1.0254	1.0245	-0.0010	-0.9846	-0.984	-0.0006
2023-08-16T10:20:45	1	0	2	2	0	1.0328	1.0324	-0.0003	-0.9999	-0.9999	0.0000
2023-08-16T10:24:25	1	0	4	4	0	1.0038	1.0037	-0.0001	0.9639	0.9638	0.0001
2023-08-16T10:27:41	1	0	1	0	1	0.9437	null	null	0.9941	0.9942	-0.0001
2023-08-16T10:28:06	1	0	7	7	0	1.0175	1.0176	0.0001	0.9714	0.9715	-0.0001
2023-08-16T10:28:45	1	0	1	1	0	1.0249	1.0244	-0.0005	0.9936	0.9935	0.0001
2023-08-16T10:33:59	1	0	41	38	3	0.9437	0.9446	0.0009	1	1	0.0000
2023-08-16T10:34:05	1	0	1	1	0	1.0321	1.0315	-0.0006	0.9972	0.9972	0.0000
2023-08-16T10:37:53	1	0	2	2	0	0.9682	0.9688	0.0006	0.9612	0.9606	0.0006
2023-08-16T10:38:16	1	0	13	13	0	1.0473	1.0473	0.0000	-0.9983	-0.9983	0.0000
2023-08-16T10:38:29	1	0	102	102	0	0.9118	0.9123	0.0005	0.9937	0.9938	-0.0001
2023-08-16T10:40:00	1	0	5	5	0	1.0147	1.0147	-0.0001	0.9999	0.9999	0.0000
2023-08-16T10:42:41	1	0	2	2	0	0.9997	1.0000	0.0003	0.9945	0.9935	0.0010
2023-08-16T10:45:37	1	0	1	1	0	1.0385	1.0382	-0.0003	0.9949	0.9949	0.0000
2023-08-16T10:48:42	1	0	2	2	0	0.9916	0.9913	-0.0003	0.9573	0.9571	0.0002
2023-08-16T10:50:12	1	0	2	0	2	1.0454	null	null	-0.8575	-0.8574	-0.0001
2023-08-16T10:50:26	1	0	7	7	0	1.0390	1.0386	-0.0004	0.9217	0.9212	0.0005
2023-08-16T10:50:31	1	0	21	18	3	1.0514	1.0509	-0.0004	0.9987	0.9986	0.0001
2023-08-16T10:50:46	1	0	1	1	0	1.0250	1.0239	-0.0011	-0.9945	-0.9951	0.0006
2023-08-16T10:53:30	1	0	100	100	0	0.9119	0.9122	0.0004	0.9937	0.9937	0.0000
2023-08-16T10:57:42	1	0	2	2	0	1.0016	1.0018	0.0002	0.9952	0.9942	0.0010
2023-08-16T10:58:41	1	0	5	5	0	0.9725	0.9725	0.0001	0.9985	0.9986	-0.0001
2023-08-16T11:02:31	1	0	3	3	0	0.9811	0.9808	-0.0004	0.9685	0.9684	0.0001
2023-08-16T11:05:32	1	0	14	13	1	1.0417	1.0497	0.0079	0.9986	0.9986	0.0000
2023-08-16T11:05:47	1	0	1	1	0	1.0211	1.0203	-0.0008	-0.9923	-0.9916	-0.0007
2023-08-16T11:05:56	1	0	4	4	0	1.0502	1.0499	-0.0003	0.9518	0.951	0.0008
2023-08-16T11:06:37	1	0	5	5	0	0.9894	0.9895	0.0001	-0.9934	-0.9934	0.0000
2023-08-16T11:12:43	1	0	2	2	0	1.0609	1.0603	-0.0007	0.9937	0.9946	-0.0009
2023-08-16T11:17:23	1	0	72	72	0	0.9450	0.9450	0.0000	0.9824	0.9821	0.0003
2023-08-16T11:20:28	1	0	193	166	27	1.0639	1.0632	-0.0008	0.9944	0.9939	0.0005
2023-08-16T11:21:38	1	0	5	5	0	0.9860	0.9862	0.0002	-0.9951	-0.9951	0.0000
2023-08-16T11:22:50	1	0	1	1	0	1.0595	1.0591	-0.0004	0.9687	0.9685	0.0002
2023-08-16T11:26:47	1	0	3	3	0	1.0570	1.0569	-0.0002	-0.9983	-0.9984	0.0001
2023-08-16T11:27:16	1	0	1	1	0	1.0369	1.0361	-0.0008	-0.9621	-0.9623	0.0002
2023-08-16T11:28:44	1	0	5	5	0	1.0479	1.0477	-0.0002	0.961	0.9609	0.0001
2023-08-16T11:34:29	1	0	1	1	0	0.9905	0.9911	0.0006	0.988	0.9881	-0.0001
2023-08-16T11:35:29	1	0	93	81	12	1.0621	1.0613	-0.0008	0.9936	0.9933	0.0003
2023-08-16T11:37:52	1	0	2	2	0	1.0337	1.0335	-0.0003	0.9998	0.9998	0.0000
2023-08-16T11:40:42	1	0	1	1	0	0.9570	0.9575	0.0005	0.9864	0.9773	0.0091
2023-08-16T11:45:22	1	0	1	0	1	0.9446	null	null	0.987	0.987	0.0000
2023-08-16T11:50:30	1	0	219	203	16	1.0650	1.0645	-0.0005	0.9931	0.9929	0.0002
2023-08-16T11:54:54	1	0	4	4	0	1.0158	1.0159	0.0001	-0.9945	-0.9945	0.0000
2023-08-16T11:56:51	1	0	2	2	0	1.0757	1.0754	-0.0004	0.9992	0.9992	0.0000
2023-08-16T12:00:53	1	0	73	73	0	0.9333	0.9344	0.0011	0.9844	0.9847	-0.0003
2023-08-16T12:03:47	1	0	13	13	0	0.9653	0.9654	0.0001	0.9431	0.9434	-0.0003
2023-08-16T12:05:31	1	0	21	20	1	1.0532	1.0530	-0.0002	0.9609	0.9608	0.0001
2023-08-16T12:15:24	1	0	12	11	1	1.0527	1.0522	-0.0005	0.9887	0.9887	0.0000
2023-08-16T12:16:01	1	0	12	12	0	1.0540	1.0538	-0.0003	-0.9266	-0.9264	-0.0002
2023-08-16T12:21:57	1	0	3	3	0	1.0437	1.0437	-0.0001	-0.9981	-0.9981	0.0000
2023-08-16T13:02:30	1	0	85	85	0	0.9380	0.9380	0.0000	0.9815	0.9815	0.0000
2023-08-16T13:20:42	1	0	4	4	0	0.9478	0.9480	0.0003	0.9941	0.9941	0.0000
2023-08-16T13:28:51	1	0	42	41	1	0.9449	0.9449	0.0000	0.9997	0.9997	0.0000
2023-08-16T13:33:53	1	0	18	17	1	0.9560	0.9566	0.0007	0.9398	0.94	-0.0002
2023-08-16T13:42:45	1	0	1	1	0	1.0315	1.0308	-0.0007	0.9995	0.9995	0.0000
2023-08-16T13:43:02	1	0	13	12	1	1.0526	1.0522	-0.0004	0.9664	0.9658	0.0006
2023-08-16T13:45:30	1	0	18	17	1	1.0535	1.0535	0.0000	0.9898	0.9898	0.0000
2023-08-16T13:48:59	1	0	4	4	0	0.9667	0.9668	0.0001	0.9783	0.9786	-0.0003
2023-08-16T13:57:53	1	0	2	1	1	1.0592	1.0569	-0.0023	-0.9771	-0.9807	0.0036
2023-08-16T14:04:00	1	0	3	3	0	0.9734	0.9736	0.0001	0.9778	0.978	-0.0002
2023-08-16T14:09:40	1	0	64	59	5	0.9709	0.9712	0.0003	0.9698	0.9674	0.0024
2023-08-16T14:10:49	1	0	5	5	0	1.0333	1.0333	0.0001	0.9992	0.9992	0.0000
2023-08-16T14:11:12	1	0	4	4	0	1.0594	1.0591	-0.0003	1	1	0.0000
2023-08-16T14:12:38	1	0	3	3	0	0.9576	0.9581	0.0005	-0.9997	-0.9997	0.0000
2023-08-16T14:20:45	1	0	23	22	1	1.0528	1.0524	-0.0004	0.9995	0.9995	0.0000
2023-08-16T14:34:04	1	0	50	50	0	0.9308	0.9311	0.0003	0.9957	0.9957	0.0000
2023-08-16T14:35:24	1	0	31	30	1	0.9398	0.9360	-0.0038	0.9246	0.9246	0.0000
2023-08-16T14:35:46	1	0	18	17	1	1.0516	1.0516	-0.0001	0.9991	0.9991	0.0000
2023-08-16T14:36:13	1	0	10	10	0	1.0533	1.0533	-0.0001	0.9931	0.993	0.0001
2023-08-16T14:36:51	1	0	26	26	0	0.9669	0.9670	0.0001	1	1	0.0000

2023-08-16T14:37:14	1	0	4	4	0	0.9422	0.9425	0.0003	0.8216	0.8227	-0.0011
2023-08-16T14:38:10	1	0	4	4	0	1.0001	1.0002	0.0002	0.9544	0.9537	0.0007
2023-08-16T14:42:40	1	0	3	3	0	0.9572	0.9575	0.0003	-0.9996	-0.9996	0.0000
2023-08-16T14:45:53	1	0	55	52	3	1.0538	1.0536	-0.0002	0.9996	0.9996	0.0000
2023-08-16T14:46:27	1	0	1	1	0	0.9397	0.9407	0.0010	0.9978	0.9979	-0.0001
2023-08-16T14:48:21	1	0	1	1	0	0.9442	0.9445	0.0003	0.928	0.9284	-0.0004
2023-08-16T14:49:22	1	0	4	4	0	1.0344	1.0342	-0.0002	0.992	0.992	0.0000
2023-08-16T14:57:58	1	0	6	6	0	0.9880	0.9882	0.0002	0.9844	0.9859	-0.0015
2023-08-16T15:01:28	1	0	1	1	0	0.9325	0.9328	0.0003	0.9978	0.9979	-0.0001
2023-08-16T15:20:50	1	0	1	1	0	0.9804	0.9809	0.0005	0.998	0.9981	-0.0001
2023-08-16T15:27:52	1	0	1	1	0	1.0289	1.0282	-0.0007	0.9994	0.9994	0.0000
2023-08-16T15:28:16	1	0	5	5	0	1.0035	1.0033	-0.0001	0.9667	0.9666	0.0001
2023-08-16T15:35:50	1	0	11	11	0	1.0461	1.0459	-0.0002	0.9975	0.9974	0.0001
2023-08-16T15:39:21	1	0	11	11	0	1.0351	1.0351	0.0000	0.9948	0.9947	0.0001
2023-08-16T15:40:55	1	0	26	26	0	1.0449	1.0449	0.0000	1	1	0.0000
2023-08-16T15:40:59	1	0	1	1	0	1.0137	1.0130	-0.0007	0.9721	0.972	0.0001
2023-08-16T15:45:38	1	0	4	3	1	1.0201	1.0456	0.0255	0.9874	0.9875	-0.0001
2023-08-16T15:54:44	1	0	2	2	0	0.9641	0.9643	0.0002	0.9397	0.9398	-0.0001
2023-08-16T16:31:48	1	0	1	1	0	0.9444	0.9448	0.0004	0.9982	0.9983	-0.0001
2023-08-16T16:45:42	1	0	1	1	0	0.9433	0.9441	0.0008	0.9792	0.9792	0.0000
2023-08-16T17:37:54	1	0	82	82	0	0.9274	0.9274	0.0000	0.9873	0.9873	0.0000
2023-08-17T07:55:01	1	0	10	10	0	0.9394	0.9395	0.0002	0.998	0.998	0.0000
2023-08-17T07:58:32	1	0	37	37	0	0.9370	0.9372	0.0002	0.9986	0.9986	0.0000
2023-08-17T08:13:41	1	0	3	3	0	1.0278	1.0276	-0.0002	-0.9904	-0.9904	0.0000
2023-08-17T08:28:42	1	0	4	4	0	1.0266	1.0263	-0.0003	-0.9931	-0.9931	0.0000
2023-08-17T08:35:01	1	0	124	123	1	0.9173	0.9173	0.0000	0.8727	0.8727	0.0000
2023-08-17T08:36:48	1	0	8	8	0	0.9404	0.9407	0.0003	-0.9998	-0.9998	0.0000
2023-08-17T08:38:38	1	0	350	349	1	1.0567	1.0567	0.0000	0.9848	0.9848	0.0000
2023-08-17T08:40:41	1	0	1	1	0	1.0318	1.0308	-0.0010	-0.9829	-0.9826	-0.0003
2023-08-17T08:42:57	1	0	11	11	0	0.9606	0.9607	0.0001	0.9701	0.9701	0.0000
2023-08-17T09:02:51	1	0	121	121	0	1.0545	1.0542	-0.0004	0.9746	0.9746	0.0000
2023-08-17T09:12:40	1	0	1	0	1	1.0175	null	null	0.999	0.999	0.0000
2023-08-17T09:20:24	1	0	147	142	5	1.0611	1.0607	-0.0004	0.9981	0.998	0.0001
2023-08-17T09:20:35	1	0	40	40	0	1.0525	1.0524	-0.0001	-0.9999	-0.9999	0.0000
2023-08-17T09:25:47	1	0	9	9	0	1.0247	1.0247	0.0000	-0.9998	-0.9998	0.0000
2023-08-17T09:28:18	1	0	1	1	0	1.0244	1.0240	-0.0004	0.9942	0.9941	0.0001
2023-08-17T09:32:53	1	0	76	74	2	1.0169	1.0167	-0.0002	0.9734	0.9734	0.0000
2023-08-17T09:35:07	1	0	198	197	1	0.9088	0.9089	0.0001	0.8641	0.8641	0.0000
2023-08-17T09:35:25	1	0	70	68	2	1.0560	1.0558	-0.0002	0.9974	0.9974	0.0000
2023-08-17T09:35:36	1	0	20	20	0	1.0504	1.0501	-0.0003	-0.9998	-0.9998	0.0000
2023-08-17T09:39:48	1	0	8	7	1	0.9449	0.9453	0.0004	-0.9998	-0.9998	0.0000
2023-08-17T09:43:01	1	0	7	7	0	0.9574	0.9578	0.0005	0.9758	0.9759	-0.0001
2023-08-17T09:44:50	1	0	1	1	0	0.9437	0.9444	0.0007	0.982	0.982	0.0000
2023-08-17T09:45:51	1	0	1	1	0	0.8339	0.8343	0.0004	0.9939	0.994	-0.0001
2023-08-17T09:48:43	1	0	1	1	0	0.9345	0.9349	0.0004	0.971	0.9714	-0.0004
2023-08-17T09:48:49	1	0	104	102	2	0.9213	0.9216	0.0003	0.9989	0.9989	0.0000
2023-08-17T09:50:08	1	0	2	2	0	1.0249	1.0246	-0.0003	0.9644	0.9642	0.0002
2023-08-17T09:50:08	1	0	442	442	0	0.8853	0.8855	0.0001	0.839	0.8394	-0.0004
2023-08-17T09:50:37	1	0	1	1	0	1.0363	1.0357	-0.0006	-0.9996	-0.9996	0.0000
2023-08-17T09:50:37	1	0	21	20	1	1.0495	1.0491	-0.0004	-0.9999	-1	0.0001
2023-08-17T09:53:30	1	0	85	85	0	0.9231	0.9238	0.0007	0.9944	0.9946	-0.0002
2023-08-17T10:05:38	1	0	49	45	4	1.0554	1.0540	-0.0014	0.9999	0.9999	0.0000
2023-08-17T10:07:53	1	0	2	2	0	0.9739	0.9744	0.0006	0.9624	0.9616	0.0008
2023-08-17T10:10:00	1	0	9	9	0	1.0184	1.0184	0.0000	0.9993	0.9993	0.0000
2023-08-17T10:10:37	1	0	1	1	0	0.9790	0.9793	0.0003	0.9969	0.9969	0.0000
2023-08-17T10:10:47	1	0	1	1	0	1.0280	1.0276	-0.0004	-0.971	-0.9708	-0.0002
2023-08-17T10:12:41	1	0	3	2	1	1.0493	1.0458	-0.0036	-0.9646	-0.9698	0.0052
2023-08-17T10:14:08	1	0	3	3	0	1.0367	1.0364	-0.0003	-0.9962	-0.9964	0.0002
2023-08-17T10:14:52	1	0	7	7	0	0.9427	0.9430	0.0003	0.9765	0.9766	-0.0001
2023-08-17T10:18:51	1	0	111	106	5	0.9185	0.9189	0.0004	0.9991	0.9991	0.0000
2023-08-17T10:19:50	1	0	5	4	1	1.0458	1.0456	-0.0002	0.9999	0.9999	0.0000
2023-08-17T10:20:49	1	0	1	1	0	1.0355	1.0352	-0.0003	1	1	0.0000
2023-08-17T10:22:54	1	0	1	1	0	0.9651	0.9655	0.0004	0.9603	0.9597	0.0006
2023-08-17T10:22:56	1	0	39	34	5	0.9555	0.9574	0.0019	-1	-1	0.0000
2023-08-17T10:24:50	1	0	1	1	0	1.0574	1.0570	-0.0004	0.9903	0.9917	-0.0014
2023-08-17T10:28:04	1	0	6	6	0	0.9891	0.9892	0.0000	0.9685	0.9687	-0.0002
2023-08-17T10:28:14	1	0	5	5	0	1.0208	1.0203	-0.0005	-0.9999	-0.9999	0.0000
2023-08-17T10:28:42	1	0	7	7	0	1.0465	1.0464	-0.0001	0.9655	0.9654	0.0001
2023-08-17T10:33:52	1	0	104	103	1	0.9193	0.9194	0.0001	0.9991	0.999	0.0001
2023-08-17T10:34:05	1	0	6	6	0	1.0438	1.0436	-0.0002	0.9973	0.9972	0.0001
2023-08-17T10:34:51	1	0	3	2	1	1.0454	1.0450	-0.0003	0.9996	0.9995	0.0001
2023-08-17T10:35:11	1	0	455	461	-6	0.8841	0.8840	-0.0001	0.8423	0.8425	-0.0002
2023-08-17T10:35:31	1	0	3	3	0	1.0499	1.0497	-0.0002	0.9657	0.9582	0.0075
2023-08-17T10:35:40	1	0	23	23	0	1.0516	1.0510	-0.0006	0.9995	0.9995	0.0000
2023-08-17T10:35:49	1	0	2	2	0	1.0158	1.0145	-0.0013	0.995	0.9946	0.0004
2023-08-17T10:36:37	1	0	4	5	-1	1.0008	0.9891	-0.0117	-0.9929	-0.993	0.0001
2023-08-17T10:43:15	1	0	7	7	0	1.0251	1.0247	-0.0003	-0.9999	-0.9999	0.0000
2023-08-17T10:43:50	1	0	2	2	0	0.9996	0.9993	-0.0003	0.9907	0.9907	0.0000
2023-08-17T10:45:34	1	0	2	2	0	0.9426	0.9435	0.0008	0.9985	0.9986	-0.0001
2023-08-17T10:47:12	1	0	87	87	0	0.9335	0.9335	0.0000	0.9821	0.9819	0.0002
2023-08-17T10:48:47	1	0	4	4	0	0.9359	0.9369	0.0010	0.951	0.9519	-0.0009
2023-08-17T10:49:07	1	0	2	2	0	1.0366	1.0365	-0.0002	0.9958	0.9958	0.0000
2023-08-17T10:50:41	1	0	28	27	1	1.0524	1.0522	-0.0002	0.9996	0.9995	0.0001
2023-08-17T10:50:50	1	0	3	3	0	1.0168	1.0158	-0.0010	0.9874	0.9869	0.0005
2023-08-17T10:51:49	1	0	2	2	0	1.0375	1.0372	-0.0004	-0.9982	-0.9983	0.0001

2023-08-17T10:52:48	1	0	1	0	1	1.0330	null	null	-0.9984	-0.9984	0.0000
2023-08-17T10:55:20	1	0	32	31	1	0.9347	0.9350	0.0003	0.9912	0.9915	-0.0003
2023-08-17T10:56:49	1	0	3	3	0	1.0644	1.0641	-0.0004	0.9989	0.9989	0.0000
2023-08-17T10:58:16	1	0	11	11	0	1.0221	1.0219	-0.0002	0.9967	0.9966	0.0001
2023-08-17T11:03:48	1	0	15	15	0	0.9418	0.9423	0.0005	0.956	0.9562	-0.0002
2023-08-17T11:04:05	1	0	55	46	9	0.9381	0.9395	0.0014	-0.9998	-0.9998	0.0000
2023-08-17T11:05:33	1	0	20	20	0	1.0541	1.0540	-0.0002	0.9619	0.9615	0.0004
2023-08-17T11:05:59	1	0	3	3	0	1.0565	1.0562	-0.0003	0.9844	0.9839	0.0005
2023-08-17T11:06:39	1	0	5	5	0	0.9950	0.9949	-0.0001	-0.9926	-0.9927	0.0001
2023-08-17T11:10:04	1	0	7	7	0	1.0162	1.0161	0.0000	0.9982	0.9982	0.0000
2023-08-17T11:10:21	1	0	31	31	0	0.9329	0.9331	0.0003	0.9981	0.9982	-0.0001
2023-08-17T11:13:17	1	0	13	12	1	1.0229	1.0221	-0.0008	0.997	0.9969	0.0001
2023-08-17T11:18:55	1	0	117	116	1	0.9139	0.9143	0.0004	0.9994	0.9994	0.0000
2023-08-17T11:19:32	1	0	1	1	0	0.9915	0.9922	0.0007	0.9825	0.956	0.0265
2023-08-17T11:19:47	1	0	2	2	0	0.9429	0.9430	0.0001	0.9367	0.9366	0.0001
2023-08-17T11:20:34	1	0	8	8	0	1.0514	1.0512	-0.0002	0.9627	0.9553	0.0074
2023-08-17T11:20:52	1	0	1	1	0	1.0151	1.0142	-0.0009	0.9857	0.985	0.0007
2023-08-17T11:24:34	1	0	8	8	0	1.0172	1.0171	-0.0001	0.9652	0.9651	0.0001
2023-08-17T11:35:44	1	0	20	20	0	1.0367	1.0368	0.0001	0.9975	0.9975	0.0000
2023-08-17T11:41:02	1	0	11	11	0	0.9721	0.9724	0.0002	0.9918	0.9919	-0.0001
2023-08-17T11:45:58	1	0	3	3	0	1.0164	1.0162	-0.0002	0.9661	0.9659	0.0002
2023-08-17T11:46:52	1	0	2	2	0	1.0634	1.0631	-0.0004	-0.9989	-0.999	0.0001
2023-08-17T11:47:16	1	0	46	46	0	0.9576	0.9575	0.0000	0.9751	0.975	0.0001
2023-08-17T11:49:17	1	0	13	12	1	1.0363	1.0347	-0.0016	0.9434	0.9434	0.0000
2023-08-17T11:50:22	1	0	1	0	1	1.0559	null	null	-0.8516	-0.8529	0.0013
2023-08-17T11:56:52	1	0	2	2	0	1.0566	1.0564	-0.0002	-1	-1	0.0000
2023-08-17T12:03:52	1	0	71	71	0	0.9359	0.9360	0.0001	0.9688	0.9689	-0.0001
2023-08-17T12:16:04	1	0	9	9	0	1.0595	1.0591	-0.0004	-0.9365	-0.9363	-0.0002
2023-08-17T12:30:31	1	0	14	13	1	1.0507	1.0504	-0.0003	0.9943	0.9943	0.0000
2023-08-17T13:16:59	1	0	4	4	0	1.0137	1.0135	-0.0003	0.9733	0.9732	0.0001
2023-08-17T13:17:42	1	0	3	3	0	0.9793	0.9792	-0.0001	0.9774	0.9773	0.0001
2023-08-17T13:28:54	1	0	5	5	0	0.9726	0.9726	0.0001	0.9975	0.9976	-0.0001
2023-08-17T13:32:15	1	0	2	2	0	1.0394	1.0390	-0.0004	0.9996	0.9996	0.0000
2023-08-17T13:32:59	1	0	80	80	0	1.0600	1.0593	-0.0007	0.9488	0.9484	0.0004
2023-08-17T13:34:15	1	0	72	71	1	0.9385	0.9389	0.0004	1	1	0.0000
2023-08-17T13:41:14	1	0	143	141	2	0.9222	0.9222	0.0000	0.9795	0.9796	-0.0001
2023-08-17T13:45:36	1	0	9	9	0	1.0366	1.0367	0.0000	0.9939	0.9939	0.0000
2023-08-17T13:55:05	1	0	4	4	0	1.0023	1.0024	0.0001	0.9905	0.9905	0.0000
2023-08-17T14:04:17	2	0	39	38	1	0.9450	0.9450	0.0000	1	1	0.0000
2023-08-17T14:08:05	1	0	1	1	0	1.0626	1.0623	-0.0003	0.979	0.9768	0.0022
2023-08-17T14:09:45	1	0	70	68	2	0.9593	0.9593	0.0000	0.96	0.9581	0.0019
2023-08-17T14:12:00	1	0	3	3	0	0.9372	0.9388	0.0016	0.9616	0.9626	-0.0010
2023-08-17T14:12:37	1	0	2	2	0	0.9608	0.9614	0.0006	-0.9996	-0.9995	-0.0001
2023-08-17T14:15:38	1	0	35	36	-1	1.0464	1.0395	-0.0069	0.9953	0.9952	0.0001
2023-08-17T14:15:53	1	0	62	62	0	1.0554	1.0553	-0.0001	0.9984	0.9984	0.0000
2023-08-17T14:16:05	1	0	51	40	11	0.9470	0.9506	0.0037	0.9799	0.9809	-0.0010
2023-08-17T14:19:18	1	0	20	18	2	0.9488	0.9499	0.0011	-1	-1	0.0000
2023-08-17T14:21:52	1	0	14	14	0	0.9992	0.9992	0.0000	-0.9996	-0.9996	0.0000
2023-08-17T14:27:19	1	0	418	417	1	0.8169	0.8170	0.0001	0.9798	0.9798	0.0000
2023-08-17T14:27:38	1	0	5	5	0	0.9464	0.9468	0.0003	-0.9998	-0.9998	0.0000
2023-08-17T14:28:22	1	0	12	12	0	1.0153	1.0153	0.0000	0.9734	0.9735	-0.0001
2023-08-17T14:31:06	1	0	36	14	22	0.9515	0.9632	0.0117	0.9801	0.9812	-0.0011
2023-08-17T14:34:05	1	0	85	85	0	0.9377	0.9377	0.0000	0.9891	0.9891	0.0000
2023-08-17T14:34:19	1	0	69	66	3	0.9395	0.9404	0.0009	0.9998	0.9998	0.0000
2023-08-17T14:35:33	1	0	3	3	0	1.0497	1.0489	-0.0008	-0.9511	-0.9521	0.0010
2023-08-17T14:36:06	1	0	1	1	0	0.9447	0.9449	0.0002	0.9611	0.9627	-0.0016
2023-08-17T14:38:03	1	0	2	2	0	1.0288	1.0284	-0.0004	0.995	0.9949	0.0001
2023-08-17T14:40:09	1	0	4	4	0	0.9740	0.9743	0.0003	0.9949	0.9942	0.0007
2023-08-17T14:45:40	1	0	1	1	0	0.9755	0.9764	0.0009	0.9841	0.984	0.0001
2023-08-17T14:46:43	1	0	1	0	1	0.9444	null	null	0.999	0.9991	-0.0001
2023-08-17T14:50:34	1	0	2	2	0	1.0457	1.0454	-0.0004	-0.9545	-0.9548	0.0003
2023-08-17T14:54:18	1	0	10	10	0	1.0221	1.0222	0.0001	0.9959	0.9959	0.0000
2023-08-17T15:00:54	1	0	1	0	1	0.9450	null	null	0.997	0.997	0.0000
2023-08-17T15:02:21	1	0	3	3	0	1.0381	1.0378	-0.0003	0.9993	0.9993	0.0000
2023-08-17T15:03:23	1	0	2	2	0	0.9397	0.9399	0.0002	0.9619	0.962	-0.0001
2023-08-17T15:04:21	1	0	35	35	0	0.9418	0.9422	0.0003	0.9998	0.9998	0.0000
2023-08-17T15:10:11	1	0	6	6	0	0.9838	0.9842	0.0005	0.9975	0.9975	0.0000
2023-08-17T15:14:01	1	0	7	7	0	1.0452	1.0451	-0.0001	0.9887	0.9885	0.0002
2023-08-17T15:16:32	1	0	3	3	0	0.9953	0.9951	-0.0002	1	1	0.0000
2023-08-17T15:20:59	1	0	2	1	1	1.0256	1.0264	0.0008	0.9891	0.9891	0.0000
2023-08-17T15:25:12	1	0	5	5	0	0.9694	0.9698	0.0004	0.9922	0.9912	0.0010
2023-08-17T15:25:58	1	0	3	3	0	0.9682	0.9683	0.0002	0.9974	0.997	0.0004
2023-08-17T15:41:01	1	0	1	1	0	1.0250	1.0243	-0.0007	0.9752	0.9748	0.0004
2023-08-17T15:45:44	1	0	1	1	0	0.9444	0.9448	0.0004	0.9724	0.9725	-0.0001
2023-08-17T15:46:33	1	0	3	3	0	1.0474	1.0472	-0.0002	0.9698	0.9695	0.0003
2023-08-17T15:49:14	1	0	31	31	0	0.9823	0.9730	-0.0092	-0.9978	-0.9978	0.0000
2023-08-17T16:00:58	1	0	1	1	0	0.9390	0.9395	0.0005	0.9968	0.9969	-0.0001
2023-08-17T16:10:15	1	0	9	9	0	0.9360	0.9361	0.0001	0.9925	0.9934	-0.0009
2023-08-17T16:32:50	1	0	7	7	0	1.0010	1.0009	-0.0001	0.9613	0.9612	0.0001
2023-08-17T16:41:45	1	0	16	16	0	1.0417	1.0417	0.0000	-1	-1	0.0000
2023-08-17T16:46:19	1	0	6	6	0	0.9131	0.9134	0.0003	0.9903	0.9904	-0.0001
2023-08-17T16:55:18	1	0	614	414	200	0.8692	0.8771	0.0079	0.9613	0.978	-0.0167
2023-08-18T07:58:35	1	0	18	17	1	0.9416	0.9415	-0.0001	0.9983	0.9983	0.0000
2023-08-18T08:13:36	1	0	43	43	0	0.9327	0.9328	0.0001	-1	-1	0.0000
2023-08-18T08:13:44	1	0	4	4	0	1.0303	1.0300	-0.0003	-0.9902	-0.9902	0.0000

2023-08-18T08:18:40	1	0	10	10	0	0.9670	0.9672	0.0002	0.9752	0.9753	-0.0001
2023-08-18T08:28:45	1	0	4	4	0	1.0248	1.0245	-0.0003	-0.9928	-0.9929	0.0001
2023-08-18T08:35:18	1	0	354	354	0	0.8863	0.8864	0.0001	0.8323	0.8323	0.0000
2023-08-18T08:40:46	1	0	1	1	0	1.0305	1.0301	-0.0004	-0.9839	-0.9836	-0.0003
2023-08-18T08:44:19	1	0	116	115	1	1.0580	1.0579	-0.0001	-0.9349	-0.9347	-0.0002
2023-08-18T08:50:51	1	0	1	1	0	0.9432	0.9436	0.0004	-0.9257	-0.9249	-0.0008
2023-08-18T09:02:55	1	0	18	17	1	1.0423	1.0415	-0.0008	0.978	0.978	0.0000
2023-08-18T09:03:43	1	0	7	7	0	1.0164	1.0163	-0.0001	0.9735	0.9735	0.0000
2023-08-18T09:05:20	1	0	447	445	2	0.8802	0.8803	0.0001	0.8309	0.8309	0.0000
2023-08-18T09:20:36	1	0	60	52	8	1.0565	1.0562	-0.0004	-0.9995	-0.9998	0.0003
2023-08-18T09:28:24	1	0	3	3	0	1.0270	1.0267	-0.0003	0.9948	0.9948	0.0000
2023-08-18T09:40:18	1	0	3	3	0	1.0110	1.0109	-0.0002	-0.9992	-0.9994	0.0002
2023-08-18T09:41:49	1	0	1	1	0	1.0455	1.0452	-0.0003	0.9822	0.9819	0.0003
2023-08-18T09:45:53	1	0	1	1	0	1.0236	1.0232	-0.0004	-0.9864	-0.987	0.0006
2023-08-18T09:46:03	1	0	6	6	0	0.9951	0.9951	0.0000	0.9926	0.9926	0.0000
2023-08-18T09:48:53	2	0	160	159	1	0.9467	0.9469	0.0002	0.9858	0.9856	0.0002
2023-08-18T10:02:55	1	0	1	0	1	0.9597	null	null	-0.9947	-0.9947	0.0000
2023-08-18T10:03:51	1	0	49	48	1	0.9347	0.9351	0.0003	-0.9991	-0.9991	0.0000
2023-08-18T10:03:54	1	0	159	158	1	0.9462	0.9462	0.0001	0.9859	0.9858	0.0001
2023-08-18T10:05:24	1	0	251	250	1	0.8965	0.8965	0.0000	0.8583	0.8583	0.0000
2023-08-18T10:10:07	1	0	10	10	0	1.0202	1.0202	0.0000	1	1	0.0000
2023-08-18T10:14:12	1	0	3	3	0	1.0369	1.0368	-0.0001	-0.9927	-0.9926	-0.0001
2023-08-18T10:17:13	1	0	75	75	0	0.9413	0.9413	0.0000	0.9847	0.9845	0.0002
2023-08-18T10:18:48	1	0	13	12	1	0.9471	0.9474	0.0003	0.9721	0.9726	-0.0005
2023-08-18T10:19:13	1	0	2	2	0	1.0394	1.0391	-0.0003	0.9988	0.9988	0.0000
2023-08-18T10:20:22	2	0	3	1	2	0.9440	0.9450	0.0010	-0.9765	-0.975	-0.0015
2023-08-18T10:20:40	2	0	25	23	2	1.0426	1.0426	0.0000	-1	-1	0.0000
2023-08-18T10:20:40	1	0	1	1	0	1.0300	1.0297	-0.0003	0.9999	0.9999	0.0000
2023-08-18T10:24:33	1	0	5	5	0	1.0274	1.0273	-0.0002	0.9615	0.9614	0.0001
2023-08-18T10:25:05	1	0	1	1	0	0.9584	0.9593	0.0009	0.995	0.9929	0.0021
2023-08-18T10:25:53	1	0	1	0	1	1.0227	null	null	-0.9913	-0.9911	-0.0002
2023-08-18T10:32:32	1	0	21	18	3	0.9412	0.9412	0.0000	0.9766	0.9767	-0.0001
2023-08-18T10:40:06	1	0	1	1	0	1.0578	1.0573	-0.0005	0.9953	0.9953	0.0000
2023-08-18T10:40:22	1	0	2	2	0	1.0045	1.0035	-0.0009	0.9993	0.999	0.0003
2023-08-18T10:43:12	1	0	6	6	0	0.9928	0.9929	0.0001	0.9608	0.9609	-0.0001
2023-08-18T10:47:40	1	0	1	0	1	1.0551	null	null	0.9736	0.9737	-0.0001
2023-08-18T10:49:15	1	0	3	3	0	1.0371	1.0370	-0.0001	0.9978	0.9978	0.0000
2023-08-18T10:50:42	1	0	17	17	0	1.0413	1.0414	0.0000	1	1	0.0000
2023-08-18T10:51:04	1	0	4	4	0	1.0506	1.0503	-0.0003	0.97	0.9693	0.0007
2023-08-18T10:51:52	1	0	12	12	0	1.0384	1.0383	-0.0001	-0.9785	-0.9785	0.0000
2023-08-18T10:52:26	1	0	16	15	1	1.0490	1.0476	-0.0013	0.981	0.9807	0.0003
2023-08-18T10:52:51	1	0	1	1	0	1.0349	1.0342	-0.0007	-0.997	-0.9971	0.0001
2023-08-18T10:52:57	1	0	1	1	0	1.0564	1.0560	-0.0004	0.9719	0.9716	0.0003
2023-08-18T10:55:21	1	0	3	3	0	0.9524	0.9527	0.0003	0.9864	0.9867	-0.0003
2023-08-18T10:55:23	1	0	3	3	0	1.0073	1.0068	-0.0005	0.9994	0.9991	0.0003
2023-08-18T10:55:51	1	0	3	3	0	1.0176	1.0177	0.0001	0.9967	0.9967	0.0000
2023-08-18T10:57:30	1	0	1	1	0	0.9896	0.9902	0.0006	-0.995	-0.9949	-0.0001
2023-08-18T11:02:38	1	0	5	4	1	1.0516	1.0499	-0.0017	-0.8087	-0.8104	0.0017
2023-08-18T11:05:09	1	0	31	27	4	1.0557	1.0545	-0.0012	0.9908	0.9902	0.0006
2023-08-18T11:06:53	1	0	10	10	0	1.0329	1.0329	0.0000	-0.982	-0.982	0.0000
2023-08-18T11:10:22	1	0	12	12	0	1.0267	1.0267	0.0000	-1	-1	0.0000
2023-08-18T11:14:55	1	0	1	1	0	0.9423	0.9427	0.0004	0.9417	0.9415	0.0002
2023-08-18T11:17:39	1	0	3	3	0	1.0509	1.0506	-0.0003	-0.7932	-0.794	0.0008
2023-08-18T11:20:11	1	0	43	29	14	1.0562	1.0554	-0.0008	0.9904	0.99	0.0004
2023-08-18T11:20:29	1	0	4	4	0	1.0373	1.0371	-0.0002	0.9955	0.9954	0.0001
2023-08-18T11:21:48	1	0	2	2	0	1.0730	1.0725	-0.0006	-1	-1	0.0000
2023-08-18T11:22:28	1	0	36	31	5	1.0543	1.0516	-0.0027	0.988	0.9877	0.0003
2023-08-18T11:26:56	1	0	2	2	0	1.0588	1.0586	-0.0003	-0.9998	-0.9998	0.0000
2023-08-18T11:31:21	1	0	29	28	1	1.0547	1.0546	-0.0001	0.9808	0.9805	0.0003
2023-08-18T11:35:12	1	0	32	29	3	1.0560	1.0552	-0.0009	0.9895	0.9892	0.0003
2023-08-18T11:37:29	1	0	29	27	2	1.0508	1.0488	-0.0021	0.9882	0.988	0.0002
2023-08-18T11:39:38	1	0	11	11	0	1.0287	1.0286	-0.0001	0.9575	0.9574	0.0001
2023-08-18T11:41:06	1	0	43	35	8	0.9455	0.9459	0.0004	0.9912	0.9912	0.0000
2023-08-18T11:48:09	1	0	48	47	1	1.0575	1.0575	-0.0001	0.9869	0.9869	0.0000
2023-08-18T11:50:16	1	0	21	21	0	1.0524	1.0522	-0.0003	0.9884	0.9883	0.0001
2023-08-18T11:52:30	1	0	33	33	0	1.0515	1.0502	-0.0013	0.9872	0.9871	0.0001
2023-08-18T12:03:58	1	0	67	66	1	0.9720	0.9731	0.0010	0.983	0.9833	-0.0003
2023-08-18T12:06:59	1	0	4	4	0	1.0485	1.0484	-0.0001	-0.9973	-0.9973	0.0000
2023-08-18T12:10:28	1	0	1	0	1	1.0026	null	null	0.9966	0.9966	0.0000
2023-08-18T12:20:33	1	0	289	289	0	0.8864	0.8864	0.0000	0.8544	0.8542	0.0002
2023-08-18T12:35:19	1	0	25	25	0	1.0542	1.0541	-0.0001	0.9864	0.9864	0.0000
2023-08-18T12:38:07	1	0	2	1	1	0.9980	1.0240	0.0260	0.9679	0.9682	-0.0003
2023-08-18T12:50:18	1	0	3	3	0	1.0445	1.0442	-0.0003	0.973	0.9731	-0.0001
2023-08-18T13:00:01	1	0	28	28	0	1.0488	1.0487	-0.0001	0.9916	0.9916	0.0000
2023-08-18T13:09:47	1	0	14	11	3	1.0134	1.0204	0.0071	0.9502	0.926	0.0242
2023-08-18T13:10:32	1	0	1	1	0	1.0035	1.0027	-0.0008	0.9955	0.9954	0.0001
2023-08-18T13:17:46	1	0	7	7	0	0.9433	0.9434	0.0001	0.9739	0.974	-0.0001
2023-08-18T14:00:53	1	0	1	1	0	0.9425	0.9429	0.0004	0.9949	0.9949	0.0000
2023-08-18T14:08:15	1	0	2	2	0	0.9959	0.9964	0.0005	0.962	0.9624	-0.0004
2023-08-18T14:17:22	1	0	1	1	0	1.0394	1.0387	-0.0007	0.9995	0.9995	0.0000
2023-08-18T14:20:56	1	0	77	75	2	0.9734	0.9693	-0.0041	0.9988	0.9982	0.0006
2023-08-18T14:23:10	1	0	37	36	1	1.0553	1.0552	-0.0001	-1	-1	0.0000
2023-08-18T14:23:23	1	0	20	19	1	1.0422	1.0415	-0.0007	0.9601	0.9608	-0.0007
2023-08-18T14:25:23	1	0	5	5	0	1.0271	1.0272	0.0001	0.9982	0.9983	-0.0001
2023-08-18T14:25:41	1	0	248	247	1	1.0659	1.0658	-0.0001	0.9869	0.9868	0.0001

2023-08-18T14:31:04	1	0	54	54	0	1.0556	1.0555	-0.0001	0.9972	0.9972	0.0000
2023-08-18T14:38:11	1	0	15	14	1	1.0501	1.0503	0.0002	1	1	0.0000
2023-08-18T14:40:42	1	0	259	258	1	1.0662	1.0662	0.0000	0.9871	0.987	0.0001
2023-08-18T14:41:36	1	0	2	2	0	1.0183	1.0181	-0.0002	0.9812	0.981	0.0002
2023-08-18T14:46:12	1	0	42	23	19	0.9506	0.9568	0.0062	0.9842	0.9854	-0.0012
2023-08-18T14:46:15	1	0	1	1	0	1.0253	1.0249	-0.0004	0.9681	0.9673	0.0008
2023-08-18T14:46:24	1	0	3	3	0	1.0616	1.0615	-0.0001	-0.9505	-0.9504	-0.0001
2023-08-18T14:50:58	1	0	72	72	0	0.9829	0.9828	-0.0001	0.9989	0.9989	0.0000
2023-08-18T14:51:16	1	0	1	0	1	1.0559	null	null	0.9997	0.9996	0.0001
2023-08-18T15:01:13	1	0	33	13	20	0.9525	0.9663	0.0138	0.9844	0.9854	-0.0010
2023-08-18T15:02:32	1	0	11	11	0	0.9968	0.9967	-0.0001	0.9838	0.9836	0.0002
2023-08-18T15:04:26	1	0	6	5	1	0.9797	0.9876	0.0079	-0.9995	-0.9995	0.0000
2023-08-18T15:05:59	1	0	12	12	0	1.0186	1.0183	-0.0003	0.9996	0.9993	0.0003
2023-08-18T15:06:16	1	0	3	3	0	1.0341	1.0338	-0.0003	0.9996	0.9996	0.0000
2023-08-18T15:08:58	1	0	1	1	0	1.0560	1.0555	-0.0005	1	0.9993	0.0007
2023-08-18T15:16:33	1	0	2	2	0	0.9882	0.9885	0.0003	0.9999	0.9997	0.0002
2023-08-18T15:19:27	1	0	28	20	8	0.9504	0.9535	0.0031	-0.9996	-0.9996	0.0000
2023-08-18T15:32:27	1	0	3	3	0	1.0384	1.0382	-0.0001	0.9994	0.9994	0.0000
2023-08-18T15:34:28	1	0	38	36	2	0.9445	0.9452	0.0006	-0.9994	-0.9994	0.0000
2023-08-18T15:37:34	1	0	9	9	0	1.0212	1.0211	-0.0001	0.991	0.991	0.0000
2023-08-18T15:41:15	1	0	1	1	0	1.0242	1.0235	-0.0007	0.9779	0.9777	0.0002
2023-08-18T15:41:48	1	0	72	72	0	0.9077	0.9085	0.0009	0.9633	0.9634	-0.0001
2023-08-18T15:41:48	1	0	66	65	1	0.9277	0.9282	0.0005	0.9755	0.9756	-0.0001
2023-08-19T08:05:22	1	0	70	69	1	1.0540	1.0536	-0.0004	-1	-0.9999	-0.0001
2023-08-19T08:16:34	1	0	43	42	1	1.0572	1.0571	-0.0001	-0.999	-0.999	0.0000
2023-08-19T08:18:41	1	0	17	16	1	0.9430	0.9432	0.0002	0.9515	0.9515	0.0000
2023-08-19T08:20:23	1	0	60	59	1	1.0560	1.0560	0.0000	0.9953	0.9953	0.0000
2023-08-19T08:40:45	1	0	1	1	0	1.0403	1.0399	-0.0004	-0.9357	-0.9354	-0.0003
2023-08-19T08:50:25	1	0	80	78	2	1.0566	1.0566	0.0000	0.9943	0.9942	0.0001
2023-08-19T09:03:44	1	0	14	14	0	0.9666	0.9666	-0.0001	0.9786	0.9786	0.0000
2023-08-19T09:05:11	1	0	299	299	0	0.8567	0.8569	0.0001	0.8629	0.863	-0.0001
2023-08-19T09:20:27	1	0	20	20	0	1.0492	1.0491	0.0000	0.9974	0.9974	0.0000
2023-08-19T09:29:06	1	0	2	2	0	1.0358	1.0356	-0.0003	-0.9834	-0.9835	0.0001
2023-08-19T09:41:47	1	0	1	1	0	1.0477	1.0475	-0.0002	0.9658	0.9651	0.0007
2023-08-19T09:45:49	1	0	1	1	0	0.8155	0.8159	0.0004	0.9943	0.9944	-0.0001
2023-08-19T09:45:56	1	0	1	1	0	1.0193	1.0190	-0.0003	-0.9997	-0.9998	0.0001
2023-08-19T09:46:56	1	0	2	2	0	1.0401	1.0396	-0.0005	-0.9892	-0.9891	-0.0001
2023-08-19T09:47:36	1	0	2	2	0	1.0186	1.0182	-0.0004	0.9994	0.9994	0.0000
2023-08-19T09:50:05	1	0	2	2	0	1.0397	1.0394	-0.0003	0.9822	0.9822	0.0000
2023-08-19T09:50:49	1	0	4	4	0	1.0067	1.0067	-0.0001	0.9998	0.9998	0.0000
2023-08-19T10:00:29	1	0	2	2	0	0.9983	0.9984	0.0002	-0.985	-0.9883	0.0033
2023-08-19T10:05:30	1	0	25	24	1	1.0538	1.0536	-0.0002	0.9914	0.9914	0.0000
2023-08-19T10:05:35	2	0	12	9	3	1.0378	1.0346	-0.0033	-0.9973	-0.9974	0.0001
2023-08-19T10:09:35	1	0	5	5	0	1.0268	1.0267	-0.0001	0.958	0.9579	0.0001
2023-08-19T10:10:03	1	0	6	6	0	1.0045	1.0044	0.0000	-0.9983	-0.9983	0.0000
2023-08-19T10:10:18	1	0	1	1	0	0.9434	0.9441	0.0007	0.9844	0.9845	-0.0001
2023-08-19T10:11:39	1	0	121	51	70	1.0580	1.0566	-0.0014	-0.9732	-0.9935	0.0203
2023-08-19T10:11:50	1	0	9	9	0	1.0538	1.0538	0.0000	0.9992	0.9991	0.0001
2023-08-19T10:15:50	1	0	32	31	1	1.0518	1.0517	0.0000	0.9686	0.9685	0.0001
2023-08-19T10:17:14	1	0	9	9	0	0.9960	0.9960	0.0000	0.989	0.9893	-0.0003
2023-08-19T10:18:49	1	0	123	121	2	0.9245	0.9245	0.0001	0.9658	0.9658	0.0000
2023-08-19T10:19:06	1	0	3	3	0	1.0421	1.0418	-0.0004	-0.999	-0.999	0.0000
2023-08-19T10:20:31	1	0	19	19	0	1.0533	1.0533	0.0000	0.9936	0.9935	0.0001
2023-08-19T10:20:36	1	0	14	12	2	1.0492	1.0481	-0.0011	-0.9969	-0.9971	0.0002
2023-08-19T10:20:51	1	0	3	3	0	1.0067	1.0062	-0.0005	1	0.9999	0.0001
2023-08-19T10:20:54	1	0	6	6	0	1.0481	1.0480	-0.0002	-0.9872	-0.9869	-0.0003
2023-08-19T10:22:50	1	0	15	15	0	1.0506	1.0506	0.0000	-0.9958	-0.9958	0.0000
2023-08-19T10:29:23	1	0	29	27	2	1.0527	1.0521	-0.0006	-0.9218	-0.9213	-0.0005
2023-08-19T10:31:00	1	0	30	29	1	1.0463	1.0459	-0.0004	-0.8728	-0.8731	0.0003
2023-08-19T10:32:15	1	0	30	30	0	0.9482	0.9485	0.0003	0.9792	0.9797	-0.0005
2023-08-19T10:34:08	1	0	2	2	0	1.0368	1.0367	-0.0002	-0.9994	-0.9994	0.0000
2023-08-19T10:34:54	1	0	5	5	0	1.0476	1.0472	-0.0005	-0.9802	-0.9804	0.0002
2023-08-19T10:35:37	1	0	17	12	5	1.0498	1.0490	-0.0008	-0.9978	-0.998	0.0002
2023-08-19T10:35:52	1	0	4	4	0	1.0090	1.0086	-0.0004	0.9998	0.9997	0.0001
2023-08-19T10:37:51	1	0	28	28	0	1.0527	1.0527	-0.0001	-0.9945	-0.9945	0.0000
2023-08-19T10:37:54	1	0	1	1	0	1.0566	1.0562	-0.0004	0.9941	0.9939	0.0002
2023-08-19T10:39:37	1	0	8	8	0	1.0253	1.0252	-0.0001	0.958	0.9579	0.0001
2023-08-19T10:39:56	1	0	3	3	0	1.0461	1.0458	-0.0003	-0.9988	1	0.0012
2023-08-19T10:43:12	1	0	15	15	0	1.0444	1.0444	-0.0001	0.9851	0.9851	0.0000
2023-08-19T10:49:55	2	0	9	8	1	1.0477	1.0464	-0.0014	-0.9903	-0.9907	0.0004
2023-08-19T10:50:00	1	0	12	11	1	1.0502	1.0492	-0.0011	-0.9753	-0.9766	0.0013
2023-08-19T10:50:33	1	0	19	19	0	1.0537	1.0535	-0.0002	0.9907	0.9905	0.0002
2023-08-19T10:50:38	2	0	20	17	3	1.0445	1.0438	-0.0008	-0.9982	-0.9984	0.0002
2023-08-19T10:50:50	1	0	2	2	0	0.9958	0.9956	-0.0002	0.9829	0.9829	0.0000
2023-08-19T10:51:01	1	0	29	28	1	1.0549	1.0548	-0.0001	0.9336	0.9318	0.0018
2023-08-19T10:55:06	1	0	6	6	0	1.0179	1.0179	-0.0001	-0.9982	-0.9982	0.0000
2023-08-19T10:56:02	1	0	7	7	0	1.0194	1.0194	0.0000	0.9899	0.99	-0.0001
2023-08-19T10:56:54	1	0	9	9	0	0.9689	0.9689	-0.0001	0.9779	0.9778	0.0001
2023-08-19T10:58:52	1	0	1	0	1	1.0318	null	null	0.9958	0.9958	0.0000
2023-08-19T10:58:55	1	0	2	1	1	1.0311	1.0294	-0.0017	0.9971	0.9968	0.0003
2023-08-19T10:59:51	1	0	88	87	1	1.0544	1.0543	-0.0001	0.9991	0.9991	0.0000
2023-08-19T11:00:53	1	0	29	28	1	1.0523	1.0523	-0.0001	0.9625	0.9624	0.0001
2023-08-19T11:05:34	1	0	17	17	0	1.0526	1.0525	-0.0001	0.9902	0.99	0.0002
2023-08-19T11:05:39	1	0	18	17	1	1.0416	1.0407	-0.0008	-0.9987	-0.9988	0.0001
2023-08-19T11:06:46	1	0	5	5	0	0.9981	0.9980	-0.0002	-0.9965	-0.9965	0.0000

2023-08-19T11:11:55	1	0	2	2	0	1.0748	1.0742	-0.0006	0.9889	0.9888	0.0001
2023-08-19T11:14:56	1	0	1	1	0	1.0570	1.0556	-0.0014	0.9985	0.9992	-0.0007
2023-08-19T11:14:59	1	0	3	3	0	0.9421	0.9422	0.0000	0.9827	0.9828	-0.0001
2023-08-19T11:20:40	1	0	20	19	1	1.0429	1.0414	-0.0015	-0.9986	-0.9988	0.0002
2023-08-19T11:20:55	1	0	3	3	0	1.0084	1.0080	-0.0003	0.9987	0.9986	0.0001
2023-08-19T11:21:47	1	0	5	5	0	1.0021	1.0020	-0.0001	-0.9959	-0.9959	0.0000
2023-08-19T11:24:59	1	0	2	2	0	1.0624	1.0621	-0.0004	1	1	0.0000
2023-08-19T11:26:54	1	0	1	0	1	1.0562	null	null	0.9559	0.9556	0.0003
2023-08-19T11:31:47	1	0	19	19	0	1.0566	1.0566	0.0000	0.996	0.9959	0.0001
2023-08-19T11:34:03	1	0	4	4	0	1.0441	1.0439	-0.0002	0.9906	0.9904	0.0002
2023-08-19T11:43:58	1	0	1	0	1	1.0570	null	null	0.9967	0.9947	0.0020
2023-08-19T11:50:42	1	0	11	12	-1	1.0392	1.0403	0.0012	-0.999	-0.9991	0.0001
2023-08-19T11:54:39	1	0	8	8	0	1.0533	1.0532	-0.0001	0.996	0.9958	0.0002
2023-08-19T11:56:56	1	0	4	4	0	1.0223	1.0221	-0.0001	0.9411	0.941	0.0001
2023-08-19T12:03:06	1	0	11	10	1	1.0410	1.0393	-0.0017	0.9793	0.9793	0.0000
2023-08-19T12:05:43	1	0	19	18	1	1.0422	1.0412	-0.0010	-0.9997	-0.9997	0.0000
2023-08-19T12:20:44	1	0	11	11	0	1.0379	1.0378	-0.0001	-0.9998	-0.9998	0.0000
2023-08-19T12:21:57	1	0	11	10	1	1.0523	1.0519	-0.0004	-0.9746	-0.9747	0.0001
2023-08-19T12:35:30	1	0	4	4	0	1.0561	1.0548	-0.0013	-0.7854	-0.7857	0.0003
2023-08-19T12:55:24	1	0	127	127	0	1.0559	1.0559	0.0000	0.9954	0.9954	0.0000
2023-08-19T12:58:14	1	0	4	4	0	1.0486	1.0484	-0.0002	0.993	0.993	0.0000
2023-08-19T13:16:03	1	0	2	2	0	0.9186	0.9179	-0.0007	0.9876	0.9876	0.0000
2023-08-19T13:35:49	1	0	4	4	0	1.0203	1.0202	-0.0002	-0.9999	-0.9999	0.0000
2023-08-19T13:53:13	1	0	1	1	0	0.9726	0.9736	0.0010	0.9597	0.96	-0.0003
2023-08-19T14:22:05	1	0	7	7	0	1.0502	1.0501	-0.0001	-0.9875	-0.9904	0.0029
2023-08-19T14:31:12	1	0	5	5	0	1.0523	1.0517	-0.0006	0.9911	0.9914	-0.0003
2023-08-19T14:37:06	1	0	6	6	0	1.0529	1.0528	-0.0001	-0.9832	-0.9833	0.0001
2023-08-19T14:38:40	1	0	8	8	0	1.0314	1.0310	-0.0004	-0.9917	-0.9914	-0.0003
2023-08-19T14:43:02	1	0	2	2	0	1.0253	1.0250	-0.0003	-0.9819	-0.9825	0.0006
2023-08-19T14:45:53	1	0	2	2	0	0.9553	0.9558	0.0005	0.9999	0.9999	0.0000
2023-08-19T14:49:30	1	0	1	1	0	0.9404	0.9407	0.0003	-0.9939	-0.9939	0.0000
2023-08-19T14:49:47	1	0	3	3	0	0.9493	0.9497	0.0004	0.976	0.9763	-0.0003
2023-08-19T15:01:49	1	0	2	2	0	0.9393	0.9397	0.0004	-0.9869	-0.9868	-0.0001
2023-08-19T15:07:07	1	0	2	2	0	0.9396	0.9401	0.0004	0.9168	0.9177	-0.0009
2023-08-19T15:08:18	1	0	3	3	0	0.9880	0.9882	0.0002	0.956	0.9556	0.0004
2023-08-19T15:17:08	1	0	1	1	0	1.0349	1.0337	-0.0012	-0.9918	-0.9929	0.0011
2023-08-19T15:30:56	1	0	2	2	0	0.9566	0.9569	0.0003	0.9994	0.9994	0.0000
2023-08-19T15:32:35	1	0	12	12	0	1.0043	1.0042	-0.0001	0.9984	0.9983	0.0001
2023-08-19T15:35:37	1	0	249	249	0	0.9011	0.9014	0.0004	0.897	0.8966	0.0004
2023-08-19T15:54:03	1	0	1	1	0	0.9413	0.9421	0.0008	0.9876	0.9898	-0.0022
2023-08-19T15:56:05	1	0	2	2	0	1.0099	1.0101	0.0002	0.9975	0.9975	0.0000
2023-08-19T16:04:35	1	0	57	56	1	0.9259	0.9259	0.0000	-0.998	-0.998	0.0000
2023-08-19T16:05:39	1	0	2	2	0	0.9875	0.9873	-0.0002	0.9464	0.9462	0.0002
2023-08-19T16:10:23	1	0	30	30	0	0.9326	0.9326	0.0000	0.9966	0.9966	0.0000
2023-08-19T16:20:55	1	0	10	10	0	0.9660	0.9661	0.0001	0.9723	0.9725	-0.0002
2023-08-19T16:40:25	1	0	12	11	1	0.9443	0.9445	0.0002	0.9996	0.9996	0.0000
2023-08-20T08:10:51	1	0	407	407	0	1.0585	1.0585	0.0000	1	1	0.0000
2023-08-20T08:18:36	1	0	42	42	0	0.9379	0.9381	0.0002	0.9525	0.9526	-0.0001
2023-08-20T08:20:17	1	0	77	76	1	1.0564	1.0564	0.0000	0.9986	0.9986	0.0000
2023-08-20T08:50:19	1	0	85	84	1	1.0571	1.0571	0.0000	0.9988	0.9988	0.0000
2023-08-20T09:10:46	1	0	2	3	-1	1.0318	1.0306	-0.0011	-0.9314	-0.9311	-0.0003
2023-08-20T09:14:20	1	0	54	53	1	1.0521	1.0519	-0.0002	-0.9145	-0.9139	-0.0006
2023-08-20T09:18:40	1	0	57	56	1	0.9500	0.9500	0.0000	0.959	0.9591	-0.0001
2023-08-20T09:20:08	1	0	285	285	0	0.8837	0.8838	0.0001	0.8573	0.8574	-0.0001
2023-08-20T09:28:25	1	0	2	2	0	1.0193	1.0192	-0.0002	0.977	0.9769	0.0001
2023-08-20T09:29:08	1	0	2	2	0	1.0394	1.0392	-0.0003	-0.9791	-0.9794	0.0003
2023-08-20T09:29:53	1	0	1	1	0	0.9363	0.9366	0.0003	0.9922	0.9929	-0.0007
2023-08-20T09:30:57	1	0	34	33	1	1.0483	1.0480	-0.0003	-0.8512	-0.8581	0.0069
2023-08-20T09:35:11	1	0	231	230	1	0.9023	0.9024	0.0001	0.8751	0.8752	-0.0001
2023-08-20T09:35:29	1	0	18	19	-1	1.0513	1.0509	-0.0004	0.9968	0.9968	0.0000
2023-08-20T09:44:54	1	0	6	6	0	0.9411	0.9414	0.0003	0.9913	0.9919	-0.0006
2023-08-20T09:45:49	1	0	1	1	0	0.8064	0.8068	0.0004	0.9934	0.9935	-0.0001
2023-08-20T09:50:06	1	0	2	2	0	1.0257	1.0253	-0.0004	0.9747	0.9773	-0.0026
2023-08-20T09:50:30	1	0	16	16	0	1.0507	1.0505	-0.0001	0.9958	0.9958	0.0000
2023-08-20T09:50:35	2	0	3	3	0	1.0393	1.0387	-0.0005	0.9968	0.9967	0.0001
2023-08-20T09:50:50	1	0	2	2	0	1.0028	1.0026	-0.0002	0.9995	0.9994	0.0001
2023-08-20T09:55:49	1	0	1	1	0	1.0338	1.0335	-0.0003	-0.9503	-0.9501	-0.0002
2023-08-20T10:05:36	1	0	3	3	0	1.0395	1.0390	-0.0005	0.997	0.9969	0.0001
2023-08-20T10:07:52	1	0	1	1	0	1.0559	1.0556	-0.0003	0.9683	0.9681	0.0002
2023-08-20T10:09:36	1	0	6	6	0	1.0240	1.0239	-0.0001	0.9578	0.9577	0.0001
2023-08-20T10:10:04	1	0	3	3	0	1.0120	1.0120	0.0000	0.9967	0.9967	0.0000
2023-08-20T10:11:51	1	0	2	2	0	0.9951	0.9948	-0.0003	0.9615	0.9606	0.0009
2023-08-20T10:11:55	1	0	3	3	0	0.9545	0.9548	0.0003	0.9435	0.9438	-0.0003
2023-08-20T10:12:28	1	0	2	2	0	0.9951	0.9954	0.0002	-0.988	-0.9877	-0.0003
2023-08-20T10:17:00	1	0	1	1	0	1.0379	1.0373	-0.0006	-0.9957	-0.9957	0.0000
2023-08-20T10:19:07	1	0	2	2	0	1.0404	1.0401	-0.0003	-0.9999	-0.9999	0.0000
2023-08-20T10:20:32	1	0	16	16	0	1.0470	1.0469	0.0000	0.9945	0.9944	0.0001
2023-08-20T10:20:55	1	0	3	3	0	1.0375	1.0372	-0.0003	0.9995	0.9995	0.0000
2023-08-20T10:24:37	1	0	11	11	0	1.0209	1.0209	0.0000	0.9606	0.9606	0.0000
2023-08-20T10:32:35	1	0	1	1	0	1.0170	1.0163	-0.0007	0.9987	0.9986	0.0001
2023-08-20T10:34:55	1	0	12	11	1	1.0462	1.0463	0.0001	-0.9997	-0.9997	0.0000
2023-08-20T10:36:56	1	0	1	1	0	0.9428	0.9436	0.0008	0.8648	0.866	-0.0012
2023-08-20T10:39:36	1	0	3	3	0	1.0554	1.0552	-0.0002	0.9997	0.9997	0.0000
2023-08-20T10:40:14	1	0	3	3	0	0.9902	0.9900	-0.0003	0.9985	0.9985	0.0000
2023-08-20T10:41:53	1	0	10	10	0	1.0550	1.0549	0.0000	1	1	0.0000

2023-08-20T10:41:54	1	0	2	2	0	1.0703	1.0698	-0.0005	-0.9895	-0.9896	0.0001
2023-08-20T10:43:13	1	0	15	15	0	1.0456	1.0455	-0.0001	0.9808	0.9806	0.0002
2023-08-20T10:49:10	1	0	1	1	0	1.0349	1.0345	-0.0004	-0.9997	-0.9997	0.0000
2023-08-20T10:49:56	1	0	11	11	0	1.0491	1.0489	-0.0002	-0.9969	-0.9971	0.0002
2023-08-20T10:50:34	1	0	8	7	1	1.0418	1.0410	-0.0008	0.9918	0.9916	0.0002
2023-08-20T10:50:54	1	0	1	1	0	1.0055	1.0039	-0.0016	0.995	0.9947	0.0003
2023-08-20T10:51:04	1	0	11	11	0	1.0459	1.0457	-0.0001	0.9926	0.9919	0.0007
2023-08-20T10:51:42	1	0	5	5	0	1.0380	1.0378	-0.0001	-0.9878	-0.9857	-0.0021
2023-08-20T10:51:57	1	0	1	1	0	0.9424	0.9429	0.0005	0.8575	0.8583	-0.0008
2023-08-20T10:56:58	1	0	7	7	0	0.9809	0.9810	0.0001	0.9751	0.975	0.0001
2023-08-20T11:00:58	1	0	1	1	0	1.0192	1.0182	-0.0010	0.9993	0.9989	0.0004
2023-08-20T11:02:18	1	0	12	12	0	0.9954	0.9954	0.0000	0.9984	0.9984	0.0000
2023-08-20T11:04:57	1	0	9	9	0	1.0490	1.0487	-0.0003	-0.9968	-0.997	0.0002
2023-08-20T11:05:35	1	0	4	4	0	1.0358	1.0356	-0.0002	0.9902	0.9901	0.0001
2023-08-20T11:05:40	1	0	3	3	0	1.0377	1.0375	-0.0002	0.9936	0.9935	0.0001
2023-08-20T11:05:55	1	0	1	1	0	1.0032	1.0017	-0.0015	0.9999	0.9939	0.0060
2023-08-20T11:06:43	1	0	5	5	0	0.9925	0.9928	0.0003	-0.9957	-0.999	0.0033
2023-08-20T11:08:21	1	0	9	9	0	1.0274	1.0272	-0.0002	-0.9957	-0.9957	0.0000
2023-08-20T11:12:15	1	0	83	81	2	0.9214	0.9211	-0.0003	-0.9971	-0.9969	-0.0002
2023-08-20T11:16:51	1	0	13	12	1	1.0559	1.0559	0.0000	-0.9956	-0.9956	0.0000
2023-08-20T11:21:06	1	0	4	4	0	1.0277	1.0276	-0.0001	0.9648	0.9642	0.0006
2023-08-20T11:22:57	1	0	4	4	0	1.0559	1.0557	-0.0002	0.9792	0.9791	0.0001
2023-08-20T11:23:22	1	0	6	6	0	1.0369	1.0367	-0.0003	-0.9895	-0.9891	-0.0004
2023-08-20T11:31:35	1	0	1	1	0	0.9430	0.9435	0.0005	-0.9774	-0.9773	-0.0001
2023-08-20T11:32:20	1	0	87	87	0	0.9434	0.9434	0.0000	0.9944	0.9942	0.0002
2023-08-20T11:40:18	1	0	17	16	1	0.9577	0.9579	0.0002	0.9937	0.9938	-0.0001
2023-08-20T11:53:24	1	0	5	5	0	1.0280	1.0277	-0.0003	-0.9988	-0.9988	0.0000
2023-08-20T11:55:19	1	0	34	34	0	0.9481	0.9481	0.0000	0.9933	0.9933	0.0000
2023-08-20T12:05:42	1	0	9	9	0	0.9412	0.9417	0.0005	0.9985	0.9986	-0.0001
2023-08-20T12:27:00	1	0	3	3	0	1.0139	1.0136	-0.0002	0.9574	0.9573	0.0001
2023-08-20T12:45:25	1	0	5	5	0	1.0538	1.0534	-0.0004	-0.9784	-0.967	-0.0114
2023-08-20T12:51:11	1	0	1	1	0	1.0326	1.0316	-0.0010	0.9636	0.9636	0.0000
2023-08-20T12:56:52	1	0	2	2	0	0.9873	0.9856	-0.0017	-0.9867	-0.9873	0.0006
2023-08-20T12:59:09	1	0	6	6	0	1.0525	1.0524	-0.0001	0.9963	0.9963	0.0000
2023-08-20T13:00:50	1	0	29	29	0	1.0498	1.0498	-0.0001	0.9951	0.995	0.0001
2023-08-20T13:01:56	1	0	1	1	0	0.7654	0.7661	0.0007	0.9987	0.9988	-0.0001
2023-08-20T13:05:59	1	0	2	3	-1	1.0462	1.0462	-0.0001	0.9995	0.9995	0.0000
2023-08-20T13:09:07	1	0	13	12	1	1.0441	1.0431	-0.0010	0.9775	0.9786	-0.0011
2023-08-20T13:17:47	1	0	10	10	0	1.0548	1.0548	0.0000	-0.9993	-0.9993	0.0000
2023-08-20T13:19:06	1	0	4	4	0	1.0556	1.0543	-0.0013	0.9599	0.9439	0.0160
2023-08-20T13:19:47	1	0	149	151	-2	0.9352	0.9360	0.0008	0.9905	0.9906	-0.0001
2023-08-20T13:34:48	1	0	158	158	0	0.9173	0.9177	0.0004	0.9836	0.984	-0.0004
2023-08-20T13:34:57	1	0	62	62	0	0.9217	0.9217	0.0000	-0.9983	-0.9983	0.0000
2023-08-20T13:44:50	1	0	4	4	0	0.9787	0.9792	0.0005	-0.9977	-0.9977	0.0000
2023-08-20T13:45:18	1	0	5	5	0	1.0486	1.0484	-0.0002	-0.9992	-0.9993	0.0001
2023-08-20T13:49:57	1	0	3	3	0	0.9413	0.9414	0.0001	0.9894	0.9896	-0.0002
2023-08-20T13:50:13	4	0	24	22	2	0.9501	0.9506	0.0005	1	1	0.0000
2023-08-20T13:53:07	1	0	1	0	1	0.9444	null	null	0.9986	0.9989	-0.0003
2023-08-20T14:04:50	1	0	159	158	1	0.9129	0.9121	-0.0008	0.9827	0.983	-0.0003
2023-08-20T14:04:59	1	0	61	60	1	0.9211	0.9215	0.0003	-0.9976	-0.9976	0.0000
2023-08-20T14:05:14	1	0	32	26	6	0.9484	0.9492	0.0008	0.9999	0.9999	0.0000
2023-08-20T14:05:16	1	0	1	2	-1	1.0237	1.0239	0.0002	0.9965	0.9961	0.0004
2023-08-20T14:06:23	1	0	2	0	2	1.0510	null	null	-0.8759	-0.8761	0.0002
2023-08-20T14:06:32	1	0	23	22	1	1.0529	1.0526	-0.0002	0.9964	0.9964	0.0000
2023-08-20T14:06:38	1	0	3	4	-1	1.0276	1.0321	0.0045	0.9794	0.9796	-0.0002
2023-08-20T14:06:43	2	0	2	2	0	0.9326	0.9330	0.0003	0.9938	0.9938	0.0000
2023-08-20T14:10:36	1	0	85	84	1	0.9571	0.9574	0.0003	0.9634	0.9607	0.0027
2023-08-20T14:10:41	1	0	2	1	1	1.0000	1.0555	0.0556	0.9943	0.9945	-0.0002
2023-08-20T14:11:03	1	0	42	42	0	0.9435	0.9434	-0.0001	0.9952	0.995	0.0002
2023-08-20T14:16:06	1	0	31	24	7	0.9421	0.9424	0.0003	0.9814	0.9816	-0.0002
2023-08-20T14:17:03	1	0	33	20	13	0.9492	0.9537	0.0045	0.9852	0.986	-0.0008
2023-08-20T14:19:51	1	0	166	165	1	0.9223	0.9185	-0.0039	0.9792	0.9795	-0.0003
2023-08-20T14:20:09	1	0	5	5	0	1.0220	1.0218	-0.0002	0.9895	0.9893	0.0002
2023-08-20T14:20:15	1	0	52	48	4	0.9425	0.9438	0.0013	0.9999	0.9999	0.0000
2023-08-20T14:21:44	1	0	57	49	8	0.9284	0.9288	0.0004	0.9922	0.9923	-0.0001
2023-08-20T14:22:47	2	0	11	11	0	0.9625	0.9626	0.0001	0.9996	0.9992	0.0004
2023-08-20T14:26:04	1	0	35	34	1	0.9488	0.9488	0.0000	0.992	0.9921	-0.0001
2023-08-20T14:26:06	1	0	9	8	1	0.9416	0.9425	0.0009	0.9933	0.9935	-0.0002
2023-08-20T14:26:49	1	0	4	4	0	1.0424	1.0423	-0.0001	0.9992	0.9992	0.0000
2023-08-20T14:27:59	1	0	18	18	0	0.9622	0.9622	0.0000	0.9715	0.9715	0.0000
2023-08-20T14:28:19	1	0	4	4	0	1.0466	1.0466	0.0000	-0.9911	-0.9911	0.0000
2023-08-20T14:29:57	1	0	8	8	0	1.0379	1.0378	-0.0001	0.9964	0.9964	0.0000
2023-08-20T14:31:07	1	0	3	3	0	0.9399	0.9402	0.0002	0.9819	0.982	-0.0001
2023-08-20T14:32:00	1	0	110	106	4	0.9196	0.9198	0.0001	0.9753	0.9756	-0.0003
2023-08-20T14:32:39	1	0	2	2	0	0.9358	0.9358	0.0001	-0.9963	-0.9963	0.0000
2023-08-20T14:33:23	1	0	65	64	1	0.9534	0.9534	0.0000	0.9961	0.996	0.0001
2023-08-20T14:34:52	1	0	166	166	0	0.9103	0.9103	0.0000	0.9893	0.9893	0.0000
2023-08-20T14:35:16	1	0	50	42	8	0.9429	0.9452	0.0023	0.9998	0.9998	0.0000
2023-08-20T14:35:38	1	0	8	8	0	0.9443	0.9446	0.0003	0.9635	0.9638	-0.0003
2023-08-20T14:36:58	1	0	1	1	0	1.0047	1.0039	-0.0008	0.9997	0.9998	-0.0001
2023-08-20T14:37:48	1	0	7	7	0	0.9838	0.9841	0.0002	1	0.9999	0.0001
2023-08-20T14:38:51	1	0	15	14	1	1.0514	1.0510	-0.0004	-0.9975	-0.9976	0.0001
2023-08-20T14:41:05	1	0	30	30	0	0.9484	0.9482	-0.0002	0.9964	0.9964	0.0000
2023-08-20T14:46:45	1	0	1	1	0	1.0346	1.0337	-0.0009	0.9998	0.9997	0.0001
2023-08-20T14:47:22	1	0	5	5	0	0.9673	0.9674	0.0001	0.9998	0.9998	0.0000

2023-08-20T14:50:14	1	0	4	4	0	0.9895	0.9896	0.0001	-0.997	-0.9969	-0.0001
2023-08-20T14:50:17	1	0	73	65	8	0.9484	0.9492	0.0008	0.9997	0.9997	0.0000
2023-08-20T14:56:08	1	0	17	12	5	0.9420	0.9419	-0.0001	0.9923	0.9924	-0.0001
2023-08-20T14:57:13	1	0	4	4	0	0.9855	0.9856	0.0001	0.9951	0.9954	-0.0003
2023-08-20T15:11:53	1	0	10	3	7	1.0322	0.9925	-0.0397	0.9941	0.9947	-0.0006
2023-08-20T15:16:10	1	0	39	38	1	0.9421	0.9420	-0.0001	0.9806	0.9808	-0.0002
2023-08-20T15:16:47	1	0	2	2	0	0.9409	0.9414	0.0006	0.999	0.999	0.0000
2023-08-20T15:20:05	1	0	24	23	1	0.9402	0.9408	0.0006	-0.9996	-0.9996	0.0000
2023-08-20T15:26:08	1	0	66	66	0	0.9372	0.9371	-0.0001	0.9943	0.9932	0.0011
2023-08-20T15:28:03	1	0	31	31	0	0.9421	0.9425	0.0004	0.9841	0.9844	-0.0003
2023-08-20T15:31:11	1	0	78	77	1	0.9307	0.9303	-0.0004	0.9794	0.9807	-0.0013
2023-08-20T15:39:13	1	0	3	3	0	1.0033	1.0038	0.0005	0.9755	0.9751	0.0004
2023-08-20T15:43:04	2	0	34	34	0	0.9419	0.9422	0.0002	0.9838	0.9839	-0.0001
2023-08-20T15:45:05	1	0	2	2	0	1.0350	1.0345	-0.0005	0.9946	0.9945	0.0001
2023-08-20T15:48:30	1	0	4	4	0	1.0387	1.0386	-0.0001	-0.9911	-0.9913	0.0002
2023-08-20T15:50:07	1	0	136	131	5	0.9062	0.9066	0.0004	-0.9998	-0.9998	0.0000
2023-08-20T15:51:46	1	0	13	13	0	0.9487	0.9489	0.0002	0.9695	0.9697	-0.0002
2023-08-20T15:53:06	1	0	2	2	0	1.0373	1.0371	-0.0003	-0.9991	-0.9991	0.0000
2023-08-20T15:54:14	1	0	4	4	0	1.0089	1.0090	0.0001	0.9747	0.9742	0.0005
2023-08-20T15:56:10	1	0	36	37	-1	0.9433	0.9432	-0.0001	0.9928	0.9917	0.0011
2023-08-20T15:58:05	1	0	34	34	0	0.9236	0.9237	0.0001	0.9834	0.9835	-0.0001
2023-08-20T16:03:15	1	0	2	2	0	1.0342	1.0340	-0.0002	-0.9983	-0.9984	0.0001
2023-08-20T16:11:11	1	0	8	8	0	0.9436	0.9438	0.0002	0.9934	0.9935	-0.0001
2023-08-20T16:19:13	1	0	81	81	0	0.9434	0.9434	0.0000	0.9686	0.9684	0.0002
2023-08-20T16:52:02	1	0	1	0	1	0.9444	null	null	0.9986	0.9986	0.0000
2023-08-20T16:56:14	1	0	27	27	0	0.9389	0.9390	0.0001	0.9927	0.9927	0.0000
2023-08-20T17:16:42	1	0	1	1	0	0.9426	0.9432	0.0006	0.9819	0.9819	0.0000
2023-08-20T17:26:16	1	0	79	78	1	0.9447	0.9447	0.0000	-0.9924	-0.9924	0.0000
2023-08-20T17:31:43	1	0	1	1	0	0.9436	0.9439	0.0003	0.9805	0.9806	-0.0001
2023-08-20T17:54:20	1	0	6	6	0	1.0024	1.0025	0.0001	0.9978	0.9978	0.0000
2023-08-20T17:56:18	1	0	94	94	0	0.9424	0.9425	0.0001	-0.9927	-0.9927	0.0000
2023-08-21T07:59:36	1	0	483	483	0	1.0588	1.0588	0.0000	1	1	0.0000
2023-08-21T08:13:38	1	0	4	4	0	1.0274	1.0272	-0.0003	-0.9922	-0.9922	0.0000
2023-08-21T08:14:20	1	0	150	150	0	1.0605	1.0605	0.0000	-0.9203	-0.92	-0.0003
2023-08-21T08:18:32	1	0	91	91	0	0.9309	0.9310	0.0002	0.961	0.961	0.0000
2023-08-21T08:28:39	1	0	3	3	0	1.0284	1.0281	-0.0002	-0.9919	-0.9919	0.0000
2023-08-21T08:35:00	1	0	109	109	0	0.9176	0.9176	0.0000	0.8679	0.8678	0.0001
2023-08-21T08:36:47	1	0	8	8	0	0.9400	0.9406	0.0006	-0.9979	-0.9978	-0.0001
2023-08-21T08:40:40	1	0	1	1	0	1.0333	1.0329	-0.0004	-0.9603	-0.9599	-0.0004
2023-08-21T09:03:58	1	0	119	117	2	0.9361	0.9361	0.0000	1	1	0.0000
2023-08-21T09:10:12	1	0	64	62	2	0.9414	0.9414	0.0000	0.9874	0.9874	0.0000
2023-08-21T09:18:44	1	0	80	79	1	0.9251	0.9253	0.0002	0.9996	0.9996	0.0000
2023-08-21T09:20:03	1	0	284	284	0	0.8931	0.8932	0.0001	0.8521	0.8522	-0.0001
2023-08-21T09:24:44	1	0	12	12	0	1.0466	1.0462	-0.0005	0.9965	0.9965	0.0000
2023-08-21T09:32:53	1	0	91	86	5	0.9995	0.9994	-0.0001	0.9592	0.9572	0.0020
2023-08-21T09:33:37	1	0	3	2	1	0.9431	0.9433	0.0002	0.9792	0.9797	-0.0005
2023-08-21T09:35:08	1	0	293	292	1	0.8920	0.8922	0.0002	0.8599	0.8601	-0.0002
2023-08-21T09:35:28	1	0	14	14	0	1.0494	1.0493	-0.0001	0.9752	0.9751	0.0001
2023-08-21T09:39:44	1	0	12	12	0	1.0475	1.0470	-0.0005	0.9952	0.9952	0.0000
2023-08-21T09:44:03	1	0	2	2	0	1.0283	1.0281	-0.0003	-0.9977	-0.9977	0.0000
2023-08-21T09:45:45	1	0	1	1	0	0.7991	0.7994	0.0003	0.9809	0.981	-0.0001
2023-08-21T09:47:39	1	0	1	1	0	1.0184	1.0178	-0.0006	0.9482	0.9477	0.0005
2023-08-21T09:47:54	1	0	86	84	2	1.0033	1.0032	0.0000	0.9592	0.9592	0.0000
2023-08-21T09:50:01	1	0	4	4	0	1.0279	1.0278	-0.0001	0.9745	0.9743	0.0002
2023-08-21T09:52:53	1	0	4	4	0	0.9941	0.9943	0.0002	0.9983	0.9985	-0.0002
2023-08-21T09:53:27	1	0	99	98	1	0.9098	0.9105	0.0007	0.995	0.9952	-0.0002
2023-08-21T09:54:45	1	0	7	7	0	1.0461	1.0458	-0.0003	0.9946	0.9945	0.0001
2023-08-21T09:58:54	1	0	11	11	0	1.0219	1.0216	-0.0002	0.995	0.9949	0.0001
2023-08-21T09:59:52	1	0	29	22	7	0.9431	0.9435	0.0003	0.9813	0.9814	-0.0001
2023-08-21T10:04:54	1	0	5	5	0	0.9859	0.9861	0.0002	0.8806	0.8819	-0.0013
2023-08-21T10:04:55	1	0	13	12	1	1.0504	1.0499	-0.0005	-0.9998	-0.9998	0.0000
2023-08-21T10:09:28	1	0	10	10	0	1.0289	1.0288	0.0000	0.9601	0.96	0.0001
2023-08-21T10:10:46	1	0	1	1	0	1.0318	1.0314	-0.0004	-0.9818	-0.9817	-0.0001
2023-08-21T10:15:50	1	0	1	1	0	1.0153	1.0148	-0.0005	0.9707	0.9697	0.0010
2023-08-21T10:16:08	1	0	1	1	0	1.0242	1.0237	-0.0005	0.9973	0.9973	0.0000
2023-08-21T10:17:10	1	0	75	74	1	0.9411	0.9414	0.0003	0.9814	0.9813	0.0001
2023-08-21T10:19:05	1	0	89	82	7	0.9369	0.9373	0.0004	1	1	0.0000
2023-08-21T10:19:05	1	0	4	4	0	1.0421	1.0418	-0.0003	0.9959	0.9958	0.0001
2023-08-21T10:19:56	1	0	12	11	1	1.0506	1.0501	-0.0005	-0.9997	-0.9997	0.0000
2023-08-21T10:21:44	1	0	1	1	0	0.9438	0.9441	0.0003	0.8316	0.8322	-0.0006
2023-08-21T10:22:11	1	0	2	2	0	1.0131	1.0129	-0.0002	-0.996	-0.996	0.0000
2023-08-21T11:06:40	1	0	2	2	0	1.0212	1.0206	-0.0006	0.9686	0.9606	0.0080
2023-08-21T11:06:44	1	0	296	296	0	0.8783	0.8785	0.0002	0.8638	0.864	-0.0002
2023-08-21T11:07:06	2	0	12	8	4	1.0375	1.0321	-0.0055	0.9925	0.9909	0.0016
2023-08-21T11:07:19	1	0	2	2	0	1.0014	1.0001	-0.0013	0.9906	0.9894	0.0012
2023-08-21T11:07:23	1	0	1	1	0	1.0327	1.0323	-0.0004	1	0.9998	0.0002
2023-08-21T11:08:09	1	0	5	5	0	1.0035	1.0028	-0.0007	0.9985	0.9985	0.0000
2023-08-21T11:09:23	1	0	1	1	0	1.0560	1.0555	-0.0005	0.9627	0.9625	0.0002
2023-08-21T11:09:32	1	0	11	10	1	0.9651	0.9676	0.0025	0.997	0.9971	-0.0001
2023-08-21T11:10:03	1	0	84	84	0	0.9232	0.9244	0.0011	0.996	0.9961	-0.0001
2023-08-21T11:11:00	1	0	7	7	0	1.0118	1.0118	-0.0001	0.9545	0.9545	0.0000
2023-08-21T11:11:20	1	0	2	2	0	1.0675	1.0665	-0.0010	0.999	0.9986	0.0004
2023-08-21T11:11:37	1	0	11	11	0	1.0009	1.0009	0.0000	0.9975	0.9974	0.0001
2023-08-21T11:13:20	1	0	1	1	0	1.0619	1.0614	-0.0005	0.9952	0.995	0.0002
2023-08-21T11:13:21	1	0	5	5	0	1.0584	1.0582	-0.0002	0.9995	0.9995	0.0000

2023-08-22T08:08:13	1	0	397	397	0	1.0573	1.0573	0.0000	0.9853	0.9853	0.0000
2023-08-22T08:13:16	1	0	3	3	0	1.0266	1.0265	-0.0001	-0.9924	-0.9925	0.0001
2023-08-22T08:13:47	1	0	75	75	0	1.0557	1.0556	0.0000	-0.9116	-0.9111	-0.0005
2023-08-22T08:19:34	1	0	318	318	0	0.8639	0.8640	0.0000	0.8323	0.8323	0.0000
2023-08-22T08:43:18	1	0	2	2	0	1.0261	1.0258	-0.0004	-0.9937	-0.9938	0.0001
2023-08-22T08:49:36	1	0	394	392	2	0.8872	0.8872	0.0000	0.8185	0.8185	0.0000
2023-08-22T09:12:18	1	0	255	252	3	1.0585	1.0585	0.0000	-0.9967	-0.9967	0.0000
2023-08-22T09:25:20	1	0	1	1	0	1.0347	1.0338	-0.0009	-0.9824	-0.9822	-0.0002
2023-08-22T09:28:37	1	0	2	2	0	1.0311	1.0309	-0.0003	-0.9893	-0.9894	0.0001
2023-08-22T09:29:23	1	0	1	0	1	0.9448	null	null	0.9822	0.9822	0.0000
2023-08-22T10:34:37	1	0	10	10	0	1.0112	1.0113	0.0001	-0.9976	-0.9976	0.0000
2023-08-22T11:07:19	1	0	610	606	4	1.0635	1.0634	-0.0001	-0.9974	-0.9974	0.0000
2023-08-22T11:20:13	1	0	348	332	16	1.0555	1.0554	-0.0002	1	1	0.0000
2023-08-22T11:35:14	1	0	359	342	17	1.0555	1.0554	-0.0001	0.9999	0.9999	0.0000
2023-08-22T12:01:35	1	0	193	192	1	1.0531	1.0531	0.0000	0.9998	0.9998	0.0000
2023-08-22T14:59:00	1	0	1	1	0	1.0319	1.0315	-0.0004	0.9903	0.9903	0.0000
2023-08-22T15:26:23	1	0	1	1	0	0.9157	0.9161	0.0004	0.9998	0.9998	0.0000
2023-08-22T16:20:18	1	0	23	20	3	1.0508	1.0504	-0.0003	-0.9992	-0.9992	0.0000
2023-08-22T16:28:54	1	0	154	153	1	1.0586	1.0586	0.0000	0.9993	0.9993	0.0000
2023-08-22T16:35:24	1	0	22	22	0	1.0340	1.0337	-0.0003	1	1	0.0000
2023-08-23T07:57:35	1	0	136	136	0	1.0661	1.0660	-0.0001	-0.9637	-0.9629	-0.0008
2023-08-23T07:58:41	1	0	552	551	1	1.0652	1.0652	0.0000	-0.9622	-0.9618	-0.0004
2023-08-23T08:05:24	1	0	369	368	1	1.0549	1.0548	-0.0001	-0.9712	-0.9663	-0.0049
2023-08-23T08:09:53	1	0	615	615	0	1.0668	1.0668	0.0000	-1	-1	0.0000
2023-08-23T08:13:39	1	0	3	3	0	1.0308	1.0306	-0.0002	-0.9859	-0.986	0.0001
2023-08-23T08:28:40	1	0	3	3	0	1.0315	1.0313	-0.0002	-0.9999	-1	0.0001
2023-08-23T08:33:33	1	0	44	44	0	0.9374	0.9376	0.0002	0.9304	0.9305	-0.0001
2023-08-23T08:36:47	1	0	2	2	0	0.9426	0.9429	0.0003	-0.994	-0.9939	-0.0001
2023-08-23T08:58:45	1	0	356	355	1	1.0638	1.0638	0.0000	-0.9658	-0.9658	0.0000
2023-08-23T09:33:37	1	0	1	1	0	0.9204	0.9208	0.0004	0.9554	0.9556	-0.0002
2023-08-23T09:42:37	1	0	2	2	0	1.0477	1.0474	-0.0004	-0.9639	-0.9694	0.0055
2023-08-23T09:44:14	1	0	2	2	0	1.0356	1.0353	-0.0003	-0.9407	-0.9407	0.0000
2023-08-23T09:44:49	1	0	1	1	0	0.9340	0.9345	0.0005	0.9749	0.975	-0.0001
2023-08-23T09:45:44	1	0	1	1	0	0.8456	0.8459	0.0003	0.9839	0.9839	0.0000
2023-08-23T09:45:48	1	0	1	1	0	1.0323	1.0320	-0.0003	-0.9758	-0.9769	0.0011
2023-08-23T09:47:07	1	0	16	14	2	1.0446	1.0437	-0.0010	0.9995	0.9994	0.0001
2023-08-23T09:47:53	1	0	155	151	4	0.9723	0.9707	-0.0016	0.9696	0.9697	-0.0001
2023-08-23T09:50:06	1	0	4	4	0	1.0213	1.0211	-0.0001	0.9697	0.9698	-0.0001
2023-08-23T09:50:11	1	0	286	285	1	0.8882	0.8885	0.0003	0.8565	0.8567	-0.0002
2023-08-23T09:50:31	1	0	28	26	2	1.0531	1.0528	-0.0003	-0.9971	-0.9954	-0.0017
2023-08-23T09:50:44	1	0	2	2	0	1.0367	1.0364	-0.0004	-0.8688	-0.8712	0.0024
2023-08-23T09:53:11	1	0	6	6	0	1.0199	1.0197	-0.0003	0.9968	0.9969	-0.0001
2023-08-23T09:53:30	1	0	54	51	3	0.9354	0.9361	0.0007	0.9935	0.9937	-0.0002
2023-08-23T09:54:47	1	0	2	2	0	1.0465	1.0465	-0.0001	-1	-0.9999	-0.0001
2023-08-23T09:58:01	1	0	6	6	0	1.0203	1.0202	-0.0001	0.978	0.9779	0.0001
2023-08-23T10:07:46	1	0	6	6	0	1.0492	1.0488	-0.0004	-0.9889	-0.9891	0.0002
2023-08-23T10:10:55	1	0	5	5	0	1.0212	1.0211	-0.0001	0.9995	0.9995	0.0000
2023-08-23T10:11:47	1	0	2	2	0	1.0524	1.0522	-0.0003	0.9966	0.9964	0.0002
2023-08-23T10:12:20	1	0	2	2	0	0.9950	0.9951	0.0001	-0.986	-0.9857	-0.0003
2023-08-23T10:12:58	1	0	143	128	15	1.0588	1.0586	-0.0002	-0.998	-0.9981	0.0001
2023-08-23T10:16:11	1	0	5	5	0	1.0387	1.0384	-0.0003	1	1	0.0000
2023-08-23T10:16:34	1	0	293	296	-3	1.0756	1.0754	-0.0002	-0.9548	-0.9549	0.0001
2023-08-23T10:17:11	1	0	14	14	0	1.0338	1.0338	0.0000	0.9979	0.9978	0.0001
2023-08-23T10:17:55	1	0	151	149	2	0.9745	0.9730	-0.0016	0.9684	0.9684	0.0000
2023-08-23T10:18:52	1	0	4	4	0	0.9413	0.9417	0.0004	-0.9984	-0.9984	0.0000
2023-08-23T10:19:02	1	0	2	2	0	1.0442	1.0437	-0.0006	0.9955	0.9954	0.0001
2023-08-23T10:20:13	1	0	307	307	0	0.8331	0.8335	0.0003	0.8492	0.8496	-0.0004
2023-08-23T10:20:33	1	0	20	14	6	1.0521	1.0505	-0.0017	-0.9969	-0.9972	0.0003
2023-08-23T10:20:46	1	0	1	1	0	1.0339	1.0336	-0.0003	-0.8835	-0.8837	0.0002
2023-08-23T10:22:48	1	0	3	3	0	1.0517	1.0517	-0.0001	0.9848	0.9846	0.0002
2023-08-23T10:26:47	1	0	3	3	0	1.0279	1.0276	-0.0004	0.9999	0.9999	0.0000
2023-08-23T10:26:47	1	0	2	2	0	0.9932	0.9931	-0.0002	0.9503	0.9493	0.0010
2023-08-23T10:27:00	1	0	77	76	1	1.0527	1.0526	0.0000	-0.9967	-0.9967	0.0000
2023-08-23T10:28:22	1	0	1	1	0	1.0262	1.0255	-0.0007	0.9934	0.9934	0.0000
2023-08-23T10:29:36	1	0	86	85	1	1.0594	1.0591	-0.0004	-0.9986	-0.9986	0.0000
2023-08-23T10:34:03	1	0	2	2	0	1.0385	1.0383	-0.0002	0.9953	0.9953	0.0000
2023-08-23T10:35:51	1	0	3	3	0	1.0346	1.0342	-0.0004	-0.9996	-0.9996	0.0000
2023-08-23T10:37:48	1	0	5	5	0	1.0492	1.0490	-0.0003	-0.986	-0.9862	0.0002
2023-08-23T10:38:33	1	0	14	12	2	0.9421	0.9422	0.0001	0.9971	0.9972	-0.0001
2023-08-23T10:40:01	1	0	12	12	0	1.0264	1.0264	0.0000	0.9904	0.9904	0.0000
2023-08-23T10:40:48	1	0	1	0	1	1.0382	null	null	-0.94	-0.9412	0.0012
2023-08-23T10:42:46	1	0	134	134	0	1.0649	1.0648	-0.0001	-0.9703	-0.9699	-0.0004
2023-08-23T10:48:54	1	0	119	116	3	0.9139	0.9143	0.0003	0.9999	0.9999	0.0000
2023-08-23T10:49:02	1	0	20	18	2	0.9503	0.9502	-0.0001	-0.9999	-0.9999	0.0000
2023-08-23T10:50:28	1	0	2	2	0	1.0399	1.0396	-0.0004	0.9999	0.9999	0.0000
2023-08-23T10:51:02	1	0	3	3	0	1.0530	1.0527	-0.0003	-0.9963	-0.9967	0.0004
2023-08-23T10:52:57	1	0	1	1	0	0.9418	0.9424	0.0006	0.9907	0.9911	-0.0004
2023-08-23T10:53:34	1	0	82	82	0	0.9265	0.9268	0.0003	0.9965	0.9966	-0.0001
2023-08-23T10:54:51	1	0	6	6	0	1.0526	1.0521	-0.0005	0.9997	0.9997	0.0000
2023-08-23T10:55:02	1	0	10	10	0	1.0185	1.0184	-0.0001	0.9913	0.9913	0.0000
2023-08-23T10:58:07	1	0	9	9	0	0.9994	0.9995	0.0001	0.9796	0.9797	-0.0001
2023-08-23T11:03:43	1	0	2	2	0	0.9854	0.9851	-0.0004	0.9521	0.9519	0.0002
2023-08-23T11:05:36	2	0	16	15	1	1.0415	1.0409	-0.0006	-0.9986	-0.9987	0.0001
2023-08-23T11:06:38	1	0	9	9	0	0.9756	0.9758	0.0002	0.9985	0.9985	0.0000
2023-08-23T11:07:51	1	0	1	1	0	1.0360	1.0357	-0.0003	0.9989	0.9989	0.0000

2023-08-23T11:09:52	1	0	2	2	0	1.0627	1.0616	-0.0012	0.9988	0.9988	0.0000
2023-08-23T11:13:02	1	0	131	130	1	1.0609	1.0609	0.0000	-0.9985	-0.9985	0.0000
2023-08-23T11:14:57	1	0	5	5	0	1.0292	1.0290	-0.0002	0.9579	0.9578	0.0001
2023-08-23T11:16:30	1	0	1	1	0	0.9395	0.9405	0.0010	-0.9951	-0.9951	0.0000
2023-08-23T11:16:48	1	0	2	2	0	1.0649	1.0644	-0.0005	-0.9712	-0.9932	0.0220
2023-08-23T11:17:39	1	0	2	2	0	1.0318	1.0306	-0.0013	0.9659	0.9656	0.0003
2023-08-23T11:20:37	1	0	20	17	3	1.0417	1.0414	-0.0003	-0.9979	-0.9979	0.0000
2023-08-23T11:21:05	1	0	3	3	0	1.0535	1.0533	-0.0002	0.8602	0.8578	0.0024
2023-08-23T11:25:51	1	0	1	0	1	1.0426	null	null	-0.9318	-0.9326	0.0008
2023-08-23T11:29:58	1	0	7	7	0	1.0278	1.0277	-0.0001	0.9595	0.9594	0.0001
2023-08-23T11:30:22	1	0	1	1	0	0.9437	0.9441	0.0004	0.9907	0.9907	0.0000
2023-08-23T11:34:10	1	0	6	6	0	1.0448	1.0446	-0.0002	0.9971	0.9971	0.0000
2023-08-23T11:35:18	1	0	6	5	1	1.0519	1.0507	-0.0013	-0.8097	-0.8134	0.0037
2023-08-23T11:35:38	1	0	40	38	2	1.0443	1.0447	0.0004	-0.9989	-0.999	0.0001
2023-08-23T11:37:58	1	0	16	15	1	1.0408	1.0393	-0.0015	0.9915	0.9918	-0.0003
2023-08-23T11:45:56	1	0	1	1	0	1.0480	1.0456	-0.0024	0.959	0.957	0.0020
2023-08-23T11:46:54	1	0	2	2	0	1.0436	1.0433	-0.0003	-0.9833	-0.9835	0.0002
2023-08-23T11:50:19	1	0	301	300	1	0.8843	0.8794	-0.0049	0.8606	0.8604	0.0002
2023-08-23T11:50:24	1	0	61	60	1	1.0533	1.0532	-0.0001	0.9975	0.9975	0.0000
2023-08-23T11:50:39	1	0	34	33	1	1.0448	1.0453	0.0006	-0.9986	-0.9986	0.0000
2023-08-23T11:59:53	1	0	39	36	3	0.9706	0.9708	0.0002	0.9854	0.9855	-0.0001
2023-08-23T12:38:51	1	0	153	152	1	1.0527	1.0527	0.0000	0.9952	0.9952	0.0000
2023-08-23T12:43:13	1	0	8	8	0	1.0022	1.0023	0.0002	0.968	0.968	0.0000
2023-08-23T12:53:03	1	0	10	10	0	1.0154	1.0155	0.0001	0.9879	0.9879	0.0000
2023-08-23T13:00:57	1	0	43	41	2	0.9444	0.9447	0.0003	0.974	0.9741	-0.0001
2023-08-23T13:08:08	1	0	11	11	0	1.0164	1.0164	0.0000	0.9885	0.9871	0.0014
2023-08-23T13:26:27	1	0	3	3	0	0.9724	0.9726	0.0002	0.9608	0.9609	-0.0001
2023-08-23T13:40:03	1	0	5	5	0	1.0188	1.0189	0.0001	-0.999	-0.999	0.0000
2023-08-23T14:04:08	1	0	140	138	2	0.9075	0.9077	0.0002	0.9923	0.9923	0.0000
2023-08-23T14:05:41	1	0	99	97	2	0.9023	0.9024	0.0000	0.863	0.844	0.0190
2023-08-23T14:05:48	1	0	16	15	1	1.0396	1.0383	-0.0013	-0.9999	-0.9999	0.0000
2023-08-23T14:11:15	1	0	17	17	0	0.9642	0.9645	0.0003	0.9994	0.9994	0.0000
2023-08-23T14:15:11	1	0	3	3	0	0.9338	0.9339	0.0001	0.9819	0.9821	-0.0002
2023-08-23T14:17:12	1	0	1	1	0	1.0394	1.0387	-0.0007	0.9995	0.9995	0.0000
2023-08-23T14:18:18	1	0	3	3	0	0.9372	0.9373	0.0001	0.9397	0.9404	-0.0007
2023-08-23T14:20:06	1	0	3	1	2	1.0457	1.0456	-0.0001	0.9978	0.9976	0.0002
2023-08-23T14:20:49	1	0	16	15	1	1.0392	1.0388	-0.0004	-0.9999	-0.9997	-0.0002
2023-08-23T14:25:08	1	0	5	5	0	1.0359	1.0361	0.0003	0.9997	0.9998	-0.0001
2023-08-23T14:26:00	1	0	1	1	0	0.9787	0.9789	0.0002	0.9942	0.9942	0.0000
2023-08-23T14:30:06	1	0	28	26	2	1.0517	1.0513	-0.0004	0.9988	0.9988	0.0000
2023-08-23T14:34:22	1	0	2	2	0	1.0433	1.0432	-0.0002	0.9948	0.9947	0.0001
2023-08-23T14:35:30	1	0	3	3	0	1.0497	1.0494	-0.0004	-0.8481	-0.8489	0.0008
2023-08-23T14:35:43	1	0	54	52	2	0.9340	0.9340	0.0000	0.8633	0.8636	-0.0003
2023-08-23T14:35:50	1	0	61	61	0	0.9764	0.9763	-0.0001	0.9998	0.9998	0.0000
2023-08-23T14:36:52	1	0	17	17	0	0.9562	0.9562	0.0000	0.9991	0.9996	-0.0005
2023-08-23T14:38:07	1	0	3	3	0	1.0512	1.0511	-0.0001	0.9798	0.9818	-0.0020
2023-08-23T14:38:30	1	0	11	10	1	1.0046	1.0106	0.0060	0.9905	0.9906	-0.0001
2023-08-23T14:50:08	1	0	4	2	2	1.0459	1.0457	-0.0002	0.9978	0.9976	0.0002
2023-08-23T15:04:48	1	0	33	33	0	0.9411	0.9412	0.0001	0.934	0.9338	0.0002
2023-08-23T15:08:27	2	0	2	2	0	0.9408	0.9412	0.0003	0.953	0.9532	-0.0002
2023-08-23T15:14:41	1	0	2	2	0	0.9422	0.9424	0.0002	0.9529	0.953	-0.0001
2023-08-23T15:20:53	1	0	20	14	6	0.9421	0.9422	0.0000	-0.991	-0.9906	-0.0004
2023-08-23T15:28:05	1	0	108	108	0	1.0563	1.0563	0.0000	-0.9925	-0.9922	-0.0003
2023-08-23T15:29:09	1	0	2	2	0	1.0248	1.0242	-0.0006	0.9947	0.9947	0.0000
2023-08-23T15:30:24	1	0	1	1	0	1.0345	1.0338	-0.0007	0.9829	0.9827	0.0002
2023-08-23T15:46:00	1	0	8	8	0	1.0446	1.0446	0.0000	0.9972	0.9971	0.0001
2023-08-23T15:51:10	1	0	1	1	0	1.0316	1.0302	-0.0014	-0.9437	-0.9246	-0.0191
2023-08-23T16:25:16	1	0	3	3	0	0.9810	0.9811	0.0001	0.9999	0.9999	0.0000
2023-08-23T16:25:40	1	0	6	6	0	0.9415	0.9417	0.0002	0.9935	0.9934	0.0001
2023-08-23T16:53:39	1	0	12	12	0	1.0087	1.0089	0.0001	0.9906	0.9896	0.0010
2023-08-23T16:56:16	1	0	10	10	0	0.9817	0.9818	0.0000	0.9991	0.9991	0.0000
2023-08-23T17:46:25	1	0	36	33	3	0.9359	0.9359	0.0000	0.9888	0.9888	0.0000
2023-08-24T07:55:02	1	0	16	16	0	0.9447	0.9449	0.0001	0.9963	0.9964	-0.0001
2023-08-24T07:57:36	1	0	148	148	0	1.0618	1.0618	-0.0001	-0.973	-0.9729	-0.0001
2023-08-24T08:23:41	1	0	414	414	0	1.0577	1.0577	0.0000	0.9858	0.9858	0.0000
2023-08-24T08:35:30	1	0	250	238	12	1.0557	1.0556	-0.0001	-0.9824	-0.9788	-0.0036
2023-08-24T08:43:43	1	0	334	333	1	1.0583	1.0583	0.0000	-0.9811	-0.9811	0.0000
2023-08-24T08:51:51	1	0	6	6	0	0.9406	0.9410	0.0004	-0.9964	-0.9963	-0.0001
2023-08-24T09:02:53	1	0	34	33	1	1.0188	1.0177	-0.0012	0.9687	0.9688	-0.0001
2023-08-24T09:16:33	1	0	205	205	0	1.0736	1.0735	-0.0001	-0.9773	-0.9774	0.0001
2023-08-24T09:20:33	1	0	181	160	21	1.0541	1.0540	-0.0002	-0.9879	-0.9851	-0.0028
2023-08-24T09:23:21	1	0	174	173	1	1.0579	1.0579	0.0000	-0.9841	-0.9839	-0.0002
2023-08-24T09:24:48	1	0	10	9	1	0.9440	0.9443	0.0002	-0.9975	-0.9975	0.0000
2023-08-24T09:27:41	1	0	2	2	0	1.0471	1.0469	-0.0003	-0.9647	-0.9647	0.0000
2023-08-24T09:29:05	1	0	2	2	0	1.0350	1.0348	-0.0002	-0.966	-0.9664	0.0004
2023-08-24T09:29:39	1	0	53	51	2	1.0540	1.0538	-0.0002	-0.9888	-0.9888	0.0000
2023-08-24T09:33:38	1	0	1	1	0	0.9135	0.9138	0.0003	0.95	0.9503	-0.0003
2023-08-24T09:33:48	1	0	127	126	1	0.9144	0.9146	0.0003	-0.9995	-0.9995	0.0000
2023-08-24T09:35:33	1	0	3	3	0	0.9721	0.9720	-0.0001	0.9915	0.9915	0.0000
2023-08-24T09:35:34	1	0	386	344	42	1.0566	1.0564	-0.0002	-0.9884	-0.9858	-0.0026
2023-08-24T09:40:46	1	0	1	1	0	0.9344	0.9348	0.0004	-0.9505	-0.9507	0.0002
2023-08-24T09:41:49	1	0	2	2	0	0.9933	0.9931	-0.0002	0.9535	0.9528	0.0007
2023-08-24T09:44:53	1	0	2	2	0	0.9417	0.9422	0.0005	0.9773	0.9774	-0.0001
2023-08-24T09:45:46	1	0	1	1	0	0.8464	0.8467	0.0003	0.9868	0.9868	0.0000
2023-08-24T09:45:50	1	0	1	1	0	1.0330	1.0327	-0.0003	-0.9886	-0.9893	0.0007

2023-08-24T09:46:06	1	0	5	5	0	1.0378	1.0378	-0.0001	-0.9922	-0.9922	0.0000
2023-08-24T09:47:07	1	0	9	9	0	1.0365	1.0364	-0.0002	1	1	0.0000
2023-08-24T09:50:06	1	0	3	3	0	1.0315	1.0314	-0.0002	0.9755	0.9753	0.0002
2023-08-24T09:50:08	1	0	41	41	0	0.9374	0.9374	0.0000	0.9179	0.9178	0.0001
2023-08-24T09:53:37	1	0	64	59	5	0.9338	0.9345	0.0007	0.9953	0.9954	-0.0001
2023-08-24T10:05:36	1	0	176	148	28	1.0587	1.0581	-0.0006	-0.9913	-0.9916	0.0003
2023-08-24T10:07:54	1	0	5	5	0	0.9975	0.9979	0.0004	0.9827	0.982	0.0007
2023-08-24T10:09:44	1	0	7	7	0	1.0284	1.0284	0.0000	0.9624	0.9623	0.0001
2023-08-24T10:10:01	1	0	17	17	0	1.0041	1.0042	0.0001	0.9935	0.9935	0.0000
2023-08-24T10:12:34	1	0	2	2	0	0.9886	0.9888	0.0002	-0.9999	-0.9999	0.0000
2023-08-24T10:13:37	1	0	2	2	0	1.0337	1.0334	-0.0003	-0.9826	-0.9826	0.0000
2023-08-24T10:15:43	1	0	15	15	0	1.0468	1.0468	-0.0001	-0.9986	-0.9986	0.0000
2023-08-24T10:18:51	1	0	66	65	1	0.9243	0.9244	0.0001	-0.9981	-0.9981	0.0000
2023-08-24T10:19:04	1	0	6	6	0	1.0391	1.0383	-0.0008	0.9992	0.9991	0.0001
2023-08-24T10:20:10	1	0	302	302	0	0.8525	0.8530	0.0004	0.8545	0.8548	-0.0003
2023-08-24T10:20:49	1	0	1	1	0	1.0329	1.0321	-0.0008	-0.8932	-0.8936	0.0004
2023-08-24T10:22:48	1	0	29	25	4	1.0565	1.0552	-0.0012	-0.9864	-0.9866	0.0002
2023-08-24T10:22:55	1	0	7	7	0	0.9993	0.9995	0.0002	0.9837	0.9824	0.0013
2023-08-24T10:22:57	1	0	6	6	0	0.9613	0.9616	0.0004	0.9954	0.9955	-0.0001
2023-08-24T10:24:45	1	0	11	11	0	1.0287	1.0286	-0.0001	0.9604	0.9603	0.0001
2023-08-24T10:24:53	1	0	4	4	0	1.0458	1.0453	-0.0006	-0.9999	-0.9999	0.0000
2023-08-24T10:26:52	1	0	1	1	0	1.0571	1.0566	-0.0005	0.9978	0.9977	0.0001
2023-08-24T10:28:49	1	0	1	1	0	1.0348	1.0314	-0.0034	-0.9944	-0.9946	0.0002
2023-08-24T10:33:52	1	0	91	91	0	0.9184	0.9185	0.0000	-0.9993	-0.9993	0.0000
2023-08-24T10:34:05	1	0	3	3	0	1.0423	1.0419	-0.0004	0.9987	0.9986	0.0001
2023-08-24T10:34:35	1	0	34	33	1	1.0512	1.0511	-0.0001	0.9997	0.9997	0.0000
2023-08-24T10:35:31	1	0	106	105	1	0.9208	0.9210	0.0002	0.8905	0.8907	-0.0002
2023-08-24T10:35:38	1	0	190	158	32	1.0601	1.0596	-0.0005	-0.9903	-0.9907	0.0004
2023-08-24T10:35:54	1	0	3	3	0	1.0394	1.0392	-0.0002	-0.9993	-0.9997	0.0004
2023-08-24T10:37:49	1	0	14	12	2	1.0527	1.0520	-0.0007	-0.9889	-0.9891	0.0002
2023-08-24T10:37:51	1	0	2	2	0	1.0381	1.0380	-0.0001	0.9984	0.9984	0.0000
2023-08-24T10:38:40	1	0	85	84	1	0.9254	0.9260	0.0005	0.9936	0.9937	-0.0001
2023-08-24T10:43:50	1	0	2	2	0	1.0314	1.0298	-0.0016	-0.9942	-0.9945	0.0003
2023-08-24T10:46:20	1	0	31	30	1	0.9345	0.9345	0.0000	0.9854	0.9856	-0.0002
2023-08-24T10:49:08	1	0	4	4	0	1.0402	1.0401	-0.0001	0.9988	0.9988	0.0000
2023-08-24T10:50:39	1	0	236	207	29	1.0610	1.0602	-0.0009	-0.9922	-0.9926	0.0004
2023-08-24T10:50:59	1	0	5	5	0	1.0420	1.0418	-0.0002	0.5371	0.5422	-0.0051
2023-08-24T10:51:38	1	0	5	5	0	1.0284	1.0283	0.0000	-0.9908	-0.9908	0.0000
2023-08-24T10:52:52	1	0	1	1	0	1.0581	1.0577	-0.0004	0.9893	0.9892	0.0001
2023-08-24T10:53:41	1	0	86	86	0	0.9240	0.9243	0.0003	0.9941	0.9942	-0.0001
2023-08-24T10:55:04	1	0	15	15	0	1.0073	1.0073	0.0000	0.9948	0.9948	0.0000
2023-08-24T10:55:45	1	0	2	2	0	1.0346	1.0343	-0.0003	0.9801	0.98	0.0001
2023-08-24T10:59:53	1	0	119	109	10	1.0553	1.0552	-0.0001	0.9993	0.9993	0.0000
2023-08-24T11:01:21	1	0	31	31	0	0.9322	0.9328	0.0006	0.985	0.9853	-0.0003
2023-08-24T11:01:21	1	0	5	5	0	1.0386	1.0382	-0.0004	0.9995	0.9995	0.0000
2023-08-24T11:01:49	1	0	2	2	0	1.0640	1.0635	-0.0005	-0.985	-0.9858	0.0008
2023-08-24T11:02:14	1	0	7	7	0	1.0198	1.0199	0.0001	0.9954	0.9954	0.0000
2023-08-24T11:05:40	2	0	190	167	23	1.0614	1.0607	-0.0007	-0.9924	-0.9931	0.0007
2023-08-24T11:05:41	1	0	4	4	0	1.0462	1.0458	-0.0004	0.9267	0.9261	0.0006
2023-08-24T11:06:39	1	0	6	6	0	1.0124	1.0123	-0.0001	-0.9951	-0.9951	0.0000
2023-08-24T11:09:56	1	0	5	5	0	1.0464	1.0458	-0.0005	-0.9996	-1	0.0004
2023-08-24T11:17:41	1	0	1	1	0	1.0569	1.0557	-0.0012	0.9778	0.9777	0.0001
2023-08-24T11:18:55	1	0	66	66	0	0.9235	0.9235	0.0000	-0.9961	-0.9962	0.0001
2023-08-24T11:20:41	2	0	177	151	26	1.0612	1.0523	-0.0089	-0.9937	-0.9941	0.0004
2023-08-24T11:20:42	1	0	3	1	2	1.0452	1.0450	-0.0002	0.9248	0.9244	0.0004
2023-08-24T11:21:01	1	0	6	6	0	1.0443	1.0442	-0.0001	-0.9725	-0.973	0.0005
2023-08-24T11:24:57	1	0	6	6	0	1.0505	1.0501	-0.0004	1	-1	0.0000
2023-08-24T11:27:43	1	0	33	32	1	1.0498	1.0496	-0.0002	-0.9912	-0.9912	0.0000
2023-08-24T11:28:54	1	0	109	109	0	1.0631	1.0630	-0.0001	-0.9955	-0.9956	0.0001
2023-08-24T11:35:42	2	0	159	142	17	1.0526	1.0516	-0.0010	-0.9931	-0.9932	0.0001
2023-08-24T11:42:44	1	0	24	23	1	1.0499	1.0496	-0.0002	-0.9933	-0.9933	0.0000
2023-08-24T11:50:43	1	0	240	235	5	1.0534	1.0533	-0.0001	-0.9925	-0.9925	0.0000
2023-08-24T12:04:41	1	0	46	45	1	1.0519	1.0518	-0.0001	0.9998	0.9998	0.0000
2023-08-24T12:05:36	1	0	188	187	1	0.9084	0.9084	0.0000	0.867	0.867	0.0000
2023-08-24T12:05:44	1	0	337	327	10	1.0559	1.0559	0.0000	-0.99	-0.9901	0.0001
2023-08-24T12:05:56	1	0	3	3	0	1.0313	1.0306	-0.0007	-0.9322	-0.9339	0.0017
2023-08-24T12:18:49	1	0	4	4	0	0.9336	0.9341	0.0005	0.9318	0.932	-0.0002
2023-08-24T12:35:58	1	0	2	2	0	1.0322	1.0317	-0.0005	-0.9445	-0.9438	-0.0007
2023-08-24T12:38:04	1	0	26	25	1	1.0341	1.0331	-0.0010	0.9887	0.9889	-0.0002
2023-08-24T12:44:52	1	0	39	38	1	1.0524	1.0523	-0.0001	-0.9922	-0.9922	0.0000
2023-08-24T12:50:59	1	0	2	2	0	1.0268	1.0263	-0.0006	-0.9518	-0.9518	0.0000
2023-08-24T13:01:46	1	0	86	82	4	1.0563	1.0563	0.0000	-0.9913	-0.9907	-0.0006
2023-08-24T13:21:01	1	0	1	1	0	1.0303	1.0294	-0.0009	-0.9541	-0.9537	-0.0004
2023-08-24T13:28:50	1	0	1	1	0	1.0235	1.0231	-0.0004	0.991	0.991	0.0000
2023-08-24T13:49:03	1	0	18	16	2	0.9557	0.9574	0.0016	0.9918	0.9919	-0.0001
2023-08-24T13:50:43	1	0	324	324	0	0.8279	0.8279	0.0000	0.8171	0.8171	0.0000
2023-08-24T14:03:56	1	0	3	3	0	0.9312	0.9315	0.0003	0.9383	0.9384	-0.0001
2023-08-24T14:07:05	1	0	5	5	0	1.0509	1.0505	-0.0004	-0.9915	-0.9917	0.0002
2023-08-24T14:14:33	1	0	997	997	0	1.0792	1.0791	0.0000	-0.9964	-0.9964	0.0000
2023-08-24T14:22:06	1	0	5	5	0	1.0509	1.0507	-0.0002	-0.9932	-0.9933	0.0001
2023-08-24T14:27:37	1	0	403	414	-11	0.8064	1.1070	0.3007	0.9878	-0.9895	-0.0227
2023-08-24T14:29:39	1	0	878	879	-1	1.0702	1.0702	0.0000	-1	-1	0.0000
2023-08-24T14:32:18	1	0	1	1	0	1.0371	1.0363	-0.0008	0.9999	0.9999	0.0000
2023-08-24T14:35:47	1	0	3	0	3	1.0487	null	null	-0.8455	-0.8467	0.0012
2023-08-24T14:38:14	1	0	4	4	0	1.0556	1.0555	-0.0002	0.9746	0.9745	0.0001

2023-08-24T14:41:07	1	0	2	2	0	0.9871	0.9870	-0.0001	-0.9593	-0.9598	0.0005
2023-08-24T14:43:33	1	0	11	10	1	1.0303	1.0301	-0.0002	0.9782	0.978	0.0002
2023-08-24T14:49:43	1	0	3	3	0	0.9841	0.9850	0.0009	-0.9998	-0.9998	0.0000
2023-08-24T14:50:48	1	0	2	2	0	1.0457	1.0455	-0.0003	-0.8619	-0.8626	0.0007
2023-08-24T15:02:10	1	0	1	1	0	1.0425	1.0417	-0.0008	-0.9891	-0.9892	0.0001
2023-08-24T15:03:26	1	0	3	3	0	0.9366	0.9367	0.0001	0.9446	0.9453	-0.0007
2023-08-24T15:11:38	1	0	5	5	0	1.0170	1.0169	-0.0001	0.9876	0.9875	0.0001
2023-08-24T15:21:56	1	0	6	6	0	1.0116	1.0116	0.0001	-0.9897	-0.9895	-0.0002
2023-08-24T15:38:46	1	0	11	11	0	1.0236	1.0233	-0.0003	0.9998	0.9998	0.0000
2023-08-24T16:01:41	1	0	141	6	135	0.9173	0.9767	0.0593	0.9667	0.9781	-0.0114
2023-08-24T16:02:34	1	0	20	20	0	1.0393	1.0393	0.0000	0.9982	0.9981	0.0001
2023-08-24T16:13:11	1	0	3	3	0	1.0347	1.0343	-0.0004	-0.9997	-0.9997	0.0000
2023-08-24T16:14:41	1	0	13	13	0	1.0398	1.0397	-0.0001	0.9916	0.9912	0.0004
2023-08-24T16:17:25	1	0	1	1	0	1.0492	1.0488	-0.0004	-0.9962	-0.9962	0.0000
2023-08-24T16:49:08	1	0	169	169	0	0.9450	0.9452	0.0002	0.9855	0.9856	-0.0001
2023-08-24T17:23:53	1	0	13	12	1	1.0073	1.0125	0.0052	0.9922	0.9922	0.0000
2023-08-25T07:57:47	1	0	131	131	0	1.0604	1.0603	-0.0001	-0.9646	-0.9638	-0.0008
2023-08-25T08:03:37	1	0	9	9	0	0.9433	0.9434	0.0001	0.9657	0.9658	-0.0001
2023-08-25T08:05:14	1	0	251	251	0	1.0588	1.0588	0.0000	0.9998	0.9999	-0.0001
2023-08-25T08:13:46	1	0	1	0	1	1.0299	null	null	-0.9942	-0.9942	0.0000
2023-08-25T08:28:49	1	0	121	121	0	1.0581	1.0581	0.0000	-0.9858	-0.9856	-0.0002
2023-08-25T08:32:55	1	0	65	63	2	1.0012	0.9995	-0.0017	0.9621	0.9621	0.0000
2023-08-25T08:36:54	1	0	2	2	0	0.9385	0.9388	0.0003	-0.9984	-0.9984	0.0000
2023-08-25T08:47:56	1	0	52	51	1	0.9939	0.9927	-0.0012	0.9656	0.9657	-0.0001
2023-08-25T08:50:08	1	0	245	243	2	0.8913	0.8914	0.0001	0.8573	0.8574	-0.0001
2023-08-25T08:50:37	1	0	123	107	16	1.0580	1.0578	-0.0002	-0.9992	-0.9992	0.0000
2023-08-25T09:20:39	1	0	47	43	4	1.0555	1.0553	-0.0003	-0.9998	-0.9998	0.0000
2023-08-25T09:28:26	1	0	1	1	0	1.0221	1.0218	-0.0003	0.9879	0.9879	0.0000
2023-08-25T09:35:51	1	0	5	5	0	1.0127	1.0124	-0.0003	0.9997	-0.999	-0.0013
2023-08-25T09:45:51	1	0	1	1	0	0.8091	0.8095	0.0004	0.9872	0.9873	-0.0001
2023-08-25T09:45:55	1	0	1	1	0	1.0276	1.0273	-0.0003	-0.9961	-0.9965	0.0004
2023-08-25T09:47:12	1	0	8	8	0	1.0333	1.0331	-0.0002	0.9972	0.9971	0.0001
2023-08-25T09:48:52	1	0	49	48	1	0.9319	0.9323	0.0004	-0.9978	-0.9978	0.0000
2023-08-25T09:50:16	1	0	74	73	1	0.9183	0.9184	0.0001	0.8896	0.8898	-0.0002
2023-08-25T09:50:41	1	0	25	27	-2	1.0522	1.0518	-0.0004	-1	-1	0.0000
2023-08-25T09:50:46	1	0	30	29	1	1.0536	1.0535	-0.0001	0.9743	0.9742	0.0001
2023-08-25T09:53:00	1	0	1	1	0	0.9423	0.9427	0.0004	0.9993	0.9994	-0.0001
2023-08-25T09:54:54	1	0	1	0	1	0.9596	null	null	-0.9997	-0.9997	0.0000
2023-08-25T10:00:52	1	0	3	3	0	0.8970	0.8979	0.0009	0.9854	0.9856	-0.0002
2023-08-25T10:01:48	1	0	1	1	0	1.0353	1.0344	-0.0009	0.9799	0.9785	0.0014
2023-08-25T10:04:08	1	0	17	17	0	1.0461	1.0460	-0.0001	0.9992	0.9992	0.0000
2023-08-25T10:05:42	1	0	29	33	-4	1.0529	1.0521	-0.0008	-1	-1	0.0000
2023-08-25T10:05:47	1	0	26	26	0	1.0545	1.0544	-0.0001	0.9734	0.9733	0.0001
2023-08-25T10:05:53	2	0	2	2	0	1.0169	1.0161	-0.0008	1	1	0.0000
2023-08-25T10:07:59	1	0	4	4	0	1.0213	1.0211	-0.0002	0.951	0.9503	0.0007
2023-08-25T10:08:20	1	0	10	10	0	1.0256	1.0254	-0.0002	-1	-1	0.0000
2023-08-25T10:08:37	1	0	1	1	0	0.9382	0.9389	0.0007	0.9976	0.9977	-0.0001
2023-08-25T10:10:06	1	0	9	9	0	1.0153	1.0153	0.0000	0.9947	0.9947	0.0000
2023-08-25T10:11:52	1	0	1	1	0	1.0571	1.0567	-0.0004	0.9995	0.9994	0.0001
2023-08-25T10:12:29	1	0	2	2	0	0.9968	0.9970	0.0002	1	1	0.0000
2023-08-25T10:15:46	1	0	7	7	0	1.0481	1.0481	0.0000	-0.9997	-0.9997	0.0000
2023-08-25T10:17:14	1	0	9	9	0	1.0015	1.0016	0.0001	0.9969	0.9968	0.0001
2023-08-25T10:19:09	1	0	4	4	0	1.0437	1.0434	-0.0003	0.999	0.999	0.0000
2023-08-25T10:20:11	1	0	3	3	0	1.0160	1.0155	-0.0005	0.9706	0.9729	-0.0023
2023-08-25T10:20:18	1	0	554	539	15	0.8485	0.8487	0.0002	0.8129	0.8137	-0.0008
2023-08-25T10:20:43	1	0	26	22	4	1.0519	1.0511	-0.0008	0.9999	0.9999	0.0000
2023-08-25T10:24:38	1	0	8	8	0	1.0368	1.0368	0.0001	0.977	0.9775	-0.0005
2023-08-25T10:24:55	1	0	2	2	0	1.0001	0.9992	-0.0009	0.9991	0.9997	-0.0006
2023-08-25T10:27:57	2	0	110	109	1	1.0568	1.0567	-0.0001	-0.9874	-0.9872	-0.0002
2023-08-25T10:28:10	1	0	7	7	0	0.9997	0.9998	0.0001	0.9799	0.98	-0.0001
2023-08-25T10:28:35	1	0	1	1	0	1.0096	1.0092	-0.0004	-0.9904	-0.9904	0.0000
2023-08-25T10:29:59	1	0	1	0	1	0.9449	null	null	0.982	0.9821	-0.0001
2023-08-25T10:32:17	1	0	9	9	0	1.0287	1.0287	0.0000	0.9958	0.9958	0.0000
2023-08-25T10:33:47	1	0	87	85	2	0.9344	0.9342	-0.0002	0.9759	0.9759	0.0000
2023-08-25T10:34:59	1	0	4	2	2	1.0457	1.0454	-0.0004	0.9989	0.9988	0.0001
2023-08-25T10:35:55	1	0	3	3	0	1.0217	1.0211	-0.0006	0.9986	0.9986	0.0000
2023-08-25T10:35:58	1	0	1	1	0	1.0342	1.0339	-0.0003	1	0.9998	0.0002
2023-08-25T10:38:39	1	0	17	14	3	0.9437	0.9440	0.0003	0.9983	0.9983	0.0000
2023-08-25T10:39:43	1	0	14	12	2	1.0340	1.0317	-0.0023	0.9634	0.9632	0.0002
2023-08-25T10:40:08	1	0	10	10	0	1.0178	1.0177	0.0000	0.993	0.9929	0.0001
2023-08-25T10:49:11	1	0	2	2	0	1.0352	1.0350	-0.0003	0.9951	0.995	0.0001
2023-08-25T10:50:00	1	0	4	4	0	1.0474	1.0466	-0.0008	0.999	0.9989	0.0001
2023-08-25T10:50:45	1	0	29	26	3	1.0529	1.0522	-0.0007	1	1	0.0000
2023-08-25T10:53:40	1	0	18	17	1	0.9435	0.9437	0.0002	0.998	0.998	0.0000
2023-08-25T10:54:44	1	0	7	7	0	1.0243	1.0241	-0.0001	0.9574	0.9573	0.0001
2023-08-25T10:58:57	1	0	17	13	4	1.0473	1.0471	-0.0002	0.9986	0.9986	0.0000
2023-08-25T11:05:46	1	0	29	28	1	1.0534	1.0528	-0.0006	0.9998	0.9998	0.0000
2023-08-25T11:05:51	1	0	22	21	1	1.0519	1.0515	-0.0004	0.9673	0.9667	0.0006
2023-08-25T11:06:45	1	0	6	6	0	1.0177	1.0175	-0.0002	-0.9943	-0.9943	0.0000
2023-08-25T11:13:58	1	0	2	2	0	1.0336	1.0318	-0.0018	-0.9971	-0.9973	0.0002
2023-08-25T11:17:41	1	0	1	1	0	1.0570	1.0559	-0.0011	0.9778	0.9777	0.0001
2023-08-25T11:19:33	1	0	3	3	0	0.9955	0.9959	0.0004	-1	-1	0.0000
2023-08-25T11:20:47	1	0	22	20	2	1.0425	1.0504	0.0079	0.9996	0.9996	0.0000
2023-08-25T11:20:52	2	0	17	17	0	1.0541	1.0539	-0.0002	0.9663	0.9658	0.0005
2023-08-25T11:21:46	1	0	5	5	0	1.0191	1.0192	0.0001	-0.9943	-0.9942	-0.0001

2023-08-25T11:23:30	1	0	15	15	0	1.0486	1.0485	-0.0001	0.9942	0.9942	0.0000
2023-08-25T11:25:26	1	0	3	3	0	0.9410	0.9416	0.0006	0.9968	0.9969	-0.0001
2023-08-25T11:25:49	1	0	2	2	0	1.0129	1.0133	0.0004	0.9941	0.9941	0.0000
2023-08-25T11:29:22	1	0	4	4	0	1.0578	1.0575	-0.0003	-0.8922	-0.8933	0.0011
2023-08-25T11:30:03	1	0	3	2	1	0.9441	0.9444	0.0003	0.9784	0.9785	-0.0001
2023-08-25T11:33:51	1	0	68	67	1	0.9350	0.9345	-0.0005	0.9866	0.9868	-0.0002
2023-08-25T11:33:59	1	0	4	5	-1	0.9384	0.9395	0.0011	-0.9991	-0.9991	0.0000
2023-08-25T11:35:48	1	0	20	18	2	1.0347	1.0347	0.0000	0.9994	0.9994	0.0000
2023-08-25T11:41:05	1	0	1	1	0	0.9414	0.9420	0.0006	-0.9452	-0.9457	0.0005
2023-08-25T11:42:52	1	0	3	2	1	1.0503	1.0462	-0.0041	-0.9789	-0.9789	0.0000
2023-08-25T11:43:17	1	0	14	13	1	1.0542	1.0540	-0.0001	0.9992	0.9992	0.0000
2023-08-25T11:49:18	1	0	5	5	0	0.9811	0.9814	0.0003	1	1	0.0000
2023-08-25T12:06:57	1	0	3	3	0	1.0434	1.0432	-0.0002	0.9999	0.9999	0.0000
2023-08-25T12:10:02	1	0	5	5	0	1.0067	1.0069	0.0002	0.996	0.9968	-0.0008
2023-08-25T12:59:37	1	0	64	61	3	1.0559	1.0556	-0.0002	-0.9964	-1	0.0036
2023-08-25T13:03:25	1	0	4	4	0	1.0535	1.0530	-0.0004	0.9531	0.953	0.0001
2023-08-25T13:40:11	1	0	8	8	0	0.9731	0.9732	0.0001	0.9904	0.9904	0.0000
2023-08-25T13:55:12	1	0	10	10	0	0.9721	0.9721	0.0000	0.9936	0.9936	0.0000
2023-08-25T14:00:56	1	0	1	1	0	0.9396	0.9400	0.0004	1	1	0.0000
2023-08-25T14:05:33	1	0	554	552	2	0.8429	0.8429	0.0001	0.8271	0.8188	0.0083
2023-08-25T14:08:36	1	0	11	10	1	0.9721	0.9752	0.0031	0.9922	0.9922	0.0000
2023-08-25T14:10:15	1	0	49	47	2	0.9612	0.9617	0.0004	0.9967	0.992	0.0047
2023-08-25T14:11:09	1	0	1	1	0	1.0203	1.0197	-0.0006	0.9741	0.974	0.0001
2023-08-25T14:16:11	1	0	122	121	1	0.9436	0.9381	-0.0055	0.9879	0.9879	0.0000
2023-08-25T14:19:11	1	0	99	98	1	0.9112	0.9115	0.0002	-0.9996	-0.9996	0.0000
2023-08-25T14:19:11	1	0	3	3	0	0.9769	0.9769	0.0000	0.9841	0.9861	-0.0020
2023-08-25T14:19:50	1	0	1	1	0	0.9865	0.9871	0.0006	0.9723	0.9725	-0.0002
2023-08-25T14:22:07	1	0	51	51	0	0.9393	0.9393	0.0000	0.8069	0.8079	-0.0010
2023-08-25T14:25:15	1	0	48	48	0	0.9619	0.9626	0.0007	0.9973	0.9939	0.0034
2023-08-25T14:26:10	1	0	2	2	0	1.0348	1.0344	-0.0003	0.9846	0.9844	0.0002
2023-08-25T14:29:14	1	0	32	32	0	1.0567	1.0566	-0.0001	0.9999	0.9998	0.0001
2023-08-25T14:31:11	1	0	117	117	0	0.9355	0.9357	0.0002	0.988	0.9881	-0.0001
2023-08-25T14:31:37	2	0	2	2	0	0.9365	0.9378	0.0012	-1	-1	0.0000
2023-08-25T14:34:26	1	0	50	48	2	0.9296	0.9301	0.0005	-0.9987	-0.9987	0.0000
2023-08-25T14:37:08	1	0	45	45	0	0.9380	0.9381	0.0000	0.8065	0.807	-0.0005
2023-08-25T14:45:04	1	0	1	1	0	1.0387	1.0383	-0.0004	0.9962	0.9968	-0.0006
2023-08-25T15:01:13	1	0	136	136	0	0.9393	0.9393	0.0000	0.9888	0.9888	0.0000
2023-08-25T15:06:26	1	0	3	3	0	0.9755	0.9754	-0.0001	0.9634	0.963	0.0004
2023-08-25T15:21:21	1	0	1	1	0	1.0021	1.0032	0.0011	0.9934	0.9937	-0.0003
2023-08-25T15:23:25	1	0	4	4	0	0.9969	0.9973	0.0004	0.9651	0.9644	0.0007
2023-08-25T15:26:26	1	0	5	5	0	0.9826	0.9828	0.0002	0.9982	0.9981	0.0001
2023-08-25T15:32:23	1	0	1	1	0	1.0360	1.0353	-0.0007	-0.9998	-0.9998	0.0000
2023-08-25T15:33:29	1	0	4	4	0	0.9288	0.9288	0.0000	0.9576	0.958	-0.0004
2023-08-25T15:35:39	1	0	58	58	0	0.9360	0.9360	0.0000	0.9127	0.9124	0.0003
2023-08-25T15:36:50	1	0	1	1	0	0.9430	0.9434	0.0004	0.9918	0.9916	0.0002
2023-08-25T15:46:42	1	0	2	2	0	0.9369	0.9372	0.0003	0.9998	0.9998	0.0000
2023-08-25T15:59:34	1	0	3	3	0	1.0018	1.0020	0.0002	0.9977	0.9978	-0.0001
2023-08-25T16:01:04	1	0	2	2	0	0.9422	0.9429	0.0007	0.9996	0.9996	0.0000
2023-08-25T16:09:18	1	0	10	8	2	0.9418	0.9422	0.0004	-0.9587	-0.9578	-0.0009
2023-08-25T16:25:22	1	0	7	6	1	0.9476	0.9485	0.0009	-0.9916	-0.9916	0.0000
2023-08-25T16:34:38	1	0	195	192	3	0.9337	0.9342	0.0006	0.9966	0.9966	0.0000
2023-08-25T16:49:39	1	0	191	191	0	0.9292	0.9296	0.0004	0.9957	0.9957	0.0000
2023-08-25T17:08:48	1	0	11	10	1	0.9974	1.0027	0.0053	0.9936	0.9936	0.0000
2023-08-25T17:09:22	1	0	40	38	2	0.9403	0.9405	0.0002	-0.9644	-0.9643	-0.0001
2023-08-25T17:19:41	1	0	122	122	0	0.9371	0.9372	0.0002	0.997	0.997	0.0000
2023-08-25T17:25:27	1	0	217	217	0	0.9107	0.9107	0.0000	0.9934	0.9918	0.0016
2023-08-25T17:34:42	1	0	73	71	2	0.9561	0.9562	0.0001	0.9983	0.9983	0.0000
2023-08-26T07:55:12	1	0	32	32	0	0.9349	0.9350	0.0001	0.9946	0.9946	0.0000
2023-08-26T08:18:41	1	0	47	46	1	0.9581	0.9582	0.0001	0.9905	0.9905	0.0000
2023-08-26T08:20:32	1	0	51	50	1	0.9413	0.9415	0.0001	-0.9983	-0.9981	-0.0002
2023-08-26T08:36:56	1	0	1	1	0	0.9442	0.9445	0.0003	1	-1	0.0000
2023-08-26T09:01:47	1	0	33	32	1	1.0573	1.0572	0.0000	1	1	0.0000
2023-08-26T09:05:11	1	0	300	299	1	0.8667	0.8668	0.0001	0.8995	0.8997	-0.0002
2023-08-26T09:14:56	1	0	131	130	1	0.9331	0.9335	0.0004	0.9829	0.9838	-0.0009
2023-08-26T09:18:45	1	0	37	37	0	0.9491	0.9491	0.0000	0.9896	0.9895	0.0001
2023-08-26T09:20:12	1	0	306	306	0	0.8619	0.8620	0.0001	0.8826	0.8827	-0.0001
2023-08-26T09:20:24	1	0	304	304	0	1.0582	1.0582	0.0000	0.9989	0.9989	0.0000
2023-08-26T09:20:32	1	0	16	16	0	1.0473	1.0472	-0.0001	0.9942	0.9942	0.0000
2023-08-26T09:28:55	1	0	2	2	0	1.0331	1.0321	-0.0010	-0.9919	-0.9921	0.0002
2023-08-26T09:31:32	1	0	2	2	0	0.9876	0.9879	0.0003	-0.9959	-0.9959	0.0000
2023-08-26T09:40:50	1	0	1	1	0	1.0254	1.0249	-0.0005	0.9811	0.981	0.0001
2023-08-26T09:43:54	1	0	55	54	1	1.0532	1.0532	0.0000	-0.9944	-0.9944	0.0000
2023-08-26T09:45:40	1	0	3	3	0	0.9430	0.9434	0.0004	-0.9969	-0.9969	0.0000
2023-08-26T09:45:54	1	0	1	1	0	0.7899	0.7903	0.0004	0.9994	0.9994	0.0000
2023-08-26T09:50:20	1	0	273	273	0	0.8844	0.8845	0.0001	0.9105	0.9103	0.0002
2023-08-26T09:50:37	1	0	12	12	0	1.0384	1.0383	-0.0001	0.9915	0.9914	0.0001
2023-08-26T09:55:55	1	0	2	2	0	0.9354	0.9359	0.0005	-0.966	-0.9662	0.0002
2023-08-26T10:00:26	1	0	1	1	0	0.9743	0.9748	0.0005	0.987	0.9871	-0.0001
2023-08-26T10:01:02	1	0	1	1	0	1.0249	1.0244	-0.0005	-0.9579	-0.959	0.0011
2023-08-26T10:05:38	1	0	199	195	4	1.0695	1.0692	-0.0003	1	1	0.0000
2023-08-26T10:05:41	1	0	2	2	0	0.9347	0.9351	0.0004	0.9998	0.9999	-0.0001
2023-08-26T10:06:50	1	0	9	9	0	0.9419	0.9420	0.0001	0.8592	0.8597	-0.0005
2023-08-26T10:06:52	1	0	2	2	0	1.0365	1.0362	-0.0004	-0.9997	-0.9997	0.0000
2023-08-26T10:08:01	1	0	1	1	0	0.9688	0.9700	0.0012	0.9366	0.9365	0.0001
2023-08-26T10:09:41	1	0	4	4	0	1.0303	1.0302	-0.0001	0.9654	0.9652	0.0002

2023-08-26T10:10:10	1	0	3	3	0	0.9941	0.9941	0.0000	0.9997	0.9997	0.0000
2023-08-26T10:10:22	1	0	22	22	0	0.9342	0.9343	0.0000	0.9984	0.9984	0.0000
2023-08-26T10:10:47	1	0	2	2	0	1.0087	1.0089	0.0001	0.9898	0.9898	0.0000
2023-08-26T10:13:58	1	0	2	1	1	1.0245	1.0242	-0.0004	-0.9934	-0.9935	0.0001
2023-08-26T10:15:42	1	0	3	3	0	1.0362	1.0359	-0.0003	-0.9957	-0.9957	0.0000
2023-08-26T10:16:19	1	0	1	0	1	1.0199	null	null	-0.9991	-0.9991	0.0000
2023-08-26T10:17:21	1	0	83	82	1	0.9376	0.9379	0.0003	0.9972	0.9972	0.0000
2023-08-26T10:20:22	1	0	4	4	0	1.0511	1.0505	-0.0006	-0.9109	-0.9119	0.0010
2023-08-26T10:20:33	1	0	42	39	3	1.0551	1.0549	-0.0002	-0.9995	-0.9995	0.0000
2023-08-26T10:20:39	1	0	152	144	8	1.0667	1.0668	0.0001	0.9999	0.9998	0.0001
2023-08-26T10:21:02	1	0	1	1	0	1.0259	1.0256	-0.0003	0.9924	0.9926	-0.0002
2023-08-26T10:26:56	1	0	2	2	0	0.9912	0.9909	-0.0003	0.9804	0.9798	0.0006
2023-08-26T10:27:53	1	0	125	125	0	1.0596	1.0596	0.0000	-0.9859	-0.9859	0.0000
2023-08-26T10:32:22	1	0	52	51	1	0.9491	0.9494	0.0003	0.9986	0.9986	0.0000
2023-08-26T10:33:44	1	0	75	75	0	0.9537	0.9537	0.0000	0.9709	0.9709	0.0000
2023-08-26T10:34:35	1	0	2	2	0	0.9900	0.9901	0.0002	0.9778	0.9779	-0.0001
2023-08-26T10:35:34	1	0	46	42	4	1.0551	1.0543	-0.0008	-1	-1	0.0000
2023-08-26T10:35:40	1	0	202	195	7	1.0710	1.0708	-0.0002	0.9996	0.9995	0.0001
2023-08-26T10:35:43	1	0	16	13	3	0.9395	0.9399	0.0004	0.9994	0.9994	0.0000
2023-08-26T10:36:05	1	0	2	2	0	1.0435	1.0433	-0.0003	0.9995	0.9994	0.0001
2023-08-26T10:38:03	1	0	2	2	0	0.9934	0.9938	0.0004	0.9579	0.9574	0.0005
2023-08-26T10:42:54	1	0	28	26	2	1.0534	1.0530	-0.0004	-0.9877	-0.9879	0.0002
2023-08-26T10:43:18	1	0	11	10	1	1.0422	1.0433	0.0012	0.9775	0.9775	0.0000
2023-08-26T10:45:44	1	0	4	5	-1	0.9904	0.9966	0.0063	-0.9982	-0.9983	0.0001
2023-08-26T10:46:23	1	0	1	1	0	1.0383	1.0379	-0.0004	0.9775	0.9773	0.0002
2023-08-26T10:50:24	1	0	5	5	0	0.9560	0.9559	-0.0001	0.9592	0.9589	0.0003
2023-08-26T10:50:24	1	0	4	4	0	1.0501	1.0498	-0.0003	-0.9125	-0.913	0.0005
2023-08-26T10:50:35	1	0	32	30	2	1.0541	1.0539	-0.0002	-1	-1	0.0000
2023-08-26T10:50:58	1	0	1	1	0	1.0029	1.0012	-0.0017	0.978	0.9773	0.0007
2023-08-26T10:52:05	1	0	1	1	0	0.9621	0.9624	0.0003	0.9983	0.9984	-0.0001
2023-08-26T10:56:58	1	0	1	1	0	1.0596	1.0591	-0.0005	-0.9996	-0.9997	0.0001
2023-08-26T11:00:45	1	0	2	2	0	1.0318	1.0316	-0.0003	-0.9971	-0.9971	0.0000
2023-08-26T11:01:22	1	0	1	0	1	0.9449	null	null	-0.9992	-0.9992	0.0000
2023-08-26T11:05:03	1	0	1	1	0	1.0461	1.0451	-0.0010	-0.9999	-1	0.0001
2023-08-26T11:06:46	1	0	11	11	0	0.9841	0.9843	0.0002	-0.9962	-0.9961	-0.0001
2023-08-26T11:06:54	1	0	71	71	0	0.9335	0.9335	0.0000	0.8402	0.8407	-0.0005
2023-08-26T11:13:39	1	0	2	0	2	0.9523	null	null	-0.9969	-0.9967	-0.0002
2023-08-26T11:15:31	1	0	1	1	0	0.9419	0.9425	0.0006	0.9747	0.9744	0.0003
2023-08-26T11:15:59	1	0	135	133	2	0.9264	0.9267	0.0003	0.9856	0.9856	0.0000
2023-08-26T11:16:23	1	0	1	1	0	0.9430	0.9437	0.0007	-0.9995	-0.9994	-0.0001
2023-08-26T11:20:04	1	0	2	1	1	1.0462	1.0459	-0.0003	-1	-1	0.0000
2023-08-26T11:20:43	1	0	142	142	0	1.0641	1.0641	0.0000	0.9978	0.9979	-0.0001
2023-08-26T11:21:47	1	0	11	11	0	0.9810	0.9810	0.0000	-0.9963	-0.9963	0.0000
2023-08-26T11:23:28	1	0	9	9	0	1.0311	1.0307	-0.0004	-0.9928	-0.9929	0.0001
2023-08-26T11:23:42	1	0	1	1	0	0.9420	0.9431	0.0011	0.9916	0.9919	-0.0003
2023-08-26T11:25:26	1	0	76	70	6	0.9358	0.9362	0.0004	0.9961	0.9916	0.0045
2023-08-26T11:28:58	1	0	4	4	0	1.0321	1.0315	-0.0007	0.9967	0.9966	0.0001
2023-08-26T11:30:21	1	0	5	5	0	0.9575	0.9578	0.0003	0.9945	0.9948	-0.0003
2023-08-26T11:30:32	1	0	3	3	0	0.9922	0.9924	0.0002	0.978	0.9779	0.0001
2023-08-26T11:31:00	1	0	195	195	0	0.9198	0.9200	0.0002	0.9861	0.9862	-0.0001
2023-08-26T11:40:27	1	0	58	58	0	0.9351	0.9353	0.0002	0.9946	0.9956	-0.0010
2023-08-26T11:45:52	1	0	54	53	1	1.0531	1.0530	-0.0001	-0.9809	-0.9808	-0.0001
2023-08-26T11:51:02	1	0	2	2	0	0.9429	0.9432	0.0003	0.9726	0.9736	-0.0010
2023-08-26T11:55:05	1	0	32	26	6	0.9475	0.9485	0.0010	-0.9959	-0.9959	0.0000
2023-08-26T12:09:46	1	0	3	3	0	1.0573	1.0571	-0.0001	0.9998	0.9997	0.0001
2023-08-26T12:10:29	1	0	134	128	6	0.9298	0.9298	0.0000	0.9963	0.9955	0.0008
2023-08-26T12:11:00	1	0	2	2	0	0.9369	0.9373	0.0004	0.9987	0.9988	-0.0001
2023-08-26T12:36:05	1	0	1	1	0	0.9444	0.9448	0.0004	0.9681	0.9697	-0.0016
2023-08-26T12:38:15	1	0	16	15	1	1.0440	1.0432	-0.0008	0.9861	0.9874	-0.0013
2023-08-26T12:56:16	1	0	5	5	0	0.9748	0.9749	0.0001	0.9862	0.9866	-0.0004
2023-08-26T13:21:55	1	0	18	18	0	0.9655	0.9655	0.0000	-0.9988	-0.9988	0.0000
2023-08-26T13:36:09	1	0	1	0	1	1.0023	null	null	0.9963	0.9966	-0.0003
2023-08-26T13:46:49	1	0	5	5	0	0.9417	0.9419	0.0002	1	1	0.0000
2023-08-26T13:53:09	1	0	30	26	4	1.0576	1.0572	-0.0004	-0.9729	-0.9731	0.0002
2023-08-26T13:58:54	1	0	17	17	0	1.0506	1.0505	-0.0001	0.9896	0.99	-0.0004
2023-08-26T14:02:01	1	0	5	5	0	1.0208	1.0207	-0.0001	0.9837	0.9836	0.0001
2023-08-26T14:08:08	1	0	15	15	0	1.0524	1.0524	-0.0001	-0.9966	-0.9967	0.0001
2023-08-26T14:08:10	1	0	29	29	0	1.0575	1.0573	-0.0002	-0.971	-0.9711	0.0001
2023-08-26T14:16:14	1	0	4	4	0	1.0003	1.0003	-0.0001	0.9728	0.9831	-0.0103
2023-08-26T14:19:05	1	0	150	147	3	0.9254	0.9225	-0.0030	0.9909	0.9911	-0.0002
2023-08-26T14:19:18	1	0	1	1	0	0.9185	0.9189	0.0004	-0.9968	-0.9967	-0.0001
2023-08-26T14:23:54	1	0	1	1	0	0.9417	0.9422	0.0005	0.9884	0.9886	-0.0002
2023-08-26T14:24:54	1	0	3	3	0	0.9581	0.9582	0.0001	0.9806	0.9809	-0.0003
2023-08-26T14:25:38	1	0	84	83	1	0.9191	0.9191	0.0000	0.9912	0.9924	-0.0012
2023-08-26T14:26:04	1	0	13	12	1	0.9546	0.9556	0.0011	0.9949	0.995	-0.0001
2023-08-26T14:28:46	2	0	229	228	1	0.8970	0.8976	0.0006	0.9992	0.9991	0.0001
2023-08-26T14:30:19	1	0	102	104	-2	0.9353	0.9352	0.0000	0.9802	0.9803	-0.0001
2023-08-26T14:33:23	1	0	16	15	1	1.0330	1.0315	-0.0015	0.976	0.976	0.0000
2023-08-26T14:34:33	1	0	2	2	0	1.0278	1.0275	-0.0003	0.9986	0.9986	0.0000
2023-08-26T14:36:23	1	0	5	5	0	0.9749	0.9749	-0.0001	0.9575	0.9571	0.0004
2023-08-26T14:38:55	1	0	23	21	2	0.9419	0.9423	0.0003	0.9889	0.9891	-0.0002
2023-08-26T14:40:39	1	0	80	80	0	0.9276	0.9276	0.0000	0.9907	0.9908	-0.0001
2023-08-26T14:43:03	1	0	2	2	0	0.9520	0.9525	0.0006	-0.9994	-0.9994	0.0000
2023-08-26T14:43:53	1	0	1	1	0	0.9410	0.9419	0.0009	-1	-1	0.0000
2023-08-26T14:44:29	1	0	3	3	0	1.0069	1.0071	0.0002	-0.9989	-0.9988	-0.0001

2023-08-26T14:47:45	1	0	4	4	0	1.0365	1.0364	-0.0001	-0.9977	-0.9978	0.0001
2023-08-26T15:00:03	1	0	11	11	0	0.9397	0.9398	0.0000	0.9908	0.9908	0.0000
2023-08-26T15:08:43	1	0	6	7	-1	0.9490	0.9581	0.0091	0.9981	0.9981	0.0000
2023-08-26T15:15:17	1	0	62	49	13	1.0574	1.0568	-0.0006	0.9994	0.9996	-0.0002
2023-08-26T15:27:53	1	0	1	1	0	0.9985	0.9991	0.0006	1	0.9998	0.0002
2023-08-26T15:40:03	1	0	43	43	0	0.9694	0.9694	0.0000	0.9735	0.9735	0.0000
2023-08-26T15:44:42	1	0	49	48	1	0.9386	0.9389	0.0004	-0.997	-0.9967	-0.0003
2023-08-26T15:55:26	1	0	15	12	3	0.9547	0.9579	0.0032	-0.9902	-0.9901	-0.0001
2023-08-26T16:05:45	1	0	1	0	1	0.9447	null	null	-0.9627	-0.9626	-0.0001
2023-08-26T16:10:45	1	0	217	215	2	0.8949	0.8950	0.0001	0.993	0.9911	0.0019
2023-08-26T16:25:46	1	0	249	249	0	0.9012	0.9012	0.0000	0.9925	0.9926	-0.0001
2023-08-26T16:42:23	1	0	64	64	0	0.9345	0.9345	0.0000	0.9798	0.9798	0.0000
2023-08-26T16:51:33	1	0	26	26	0	0.9573	0.9577	0.0003	0.9999	0.9999	0.0000
2023-08-26T18:36:20	1	0	52	52	0	0.9407	0.9407	0.0000	-0.9956	-0.9952	-0.0004
2023-08-27T07:57:43	1	0	274	273	1	1.0605	1.0604	-0.0001	-0.971	-0.9698	-0.0012
2023-08-27T08:05:27	1	0	123	123	0	1.0615	1.0615	0.0000	0.9997	0.9998	-0.0001
2023-08-27T08:43:49	2	0	1	1	0	1.0341	1.0334	-0.0007	-0.9938	-0.9939	0.0001
2023-08-27T08:46:57	1	0	33	32	1	1.0574	1.0574	0.0000	-0.9979	-0.9977	-0.0002
2023-08-27T09:03:25	1	0	223	223	0	1.0591	1.0591	0.0000	-0.9756	-0.9755	-0.0001
2023-08-27T09:05:11	1	0	307	307	0	0.8526	0.8527	0.0001	0.8716	0.8717	-0.0001
2023-08-27T09:14:58	1	0	1	1	0	0.9401	0.9405	0.0004	0.9873	0.9874	-0.0001
2023-08-27T09:35:16	1	0	267	267	0	0.8849	0.8850	0.0001	0.8784	0.8786	-0.0002
2023-08-27T09:35:33	1	0	18	18	0	1.0440	1.0438	-0.0001	0.9927	0.9926	0.0001
2023-08-27T09:45:57	1	0	1	1	0	0.7895	0.7898	0.0003	0.9917	0.9917	0.0000
2023-08-27T09:46:51	1	0	1	1	0	1.0315	1.0307	-0.0008	-0.9859	-0.9868	0.0009
2023-08-27T09:48:52	1	0	1	0	1	1.0453	null	null	0.9618	0.9641	-0.0023
2023-08-27T09:55:13	1	0	20	20	0	0.9343	0.9344	0.0001	0.9991	0.9995	-0.0004
2023-08-27T10:02:19	1	0	8	8	0	0.9788	0.9789	0.0001	0.9968	0.9971	-0.0003
2023-08-27T10:03:56	1	0	73	72	1	0.9205	0.9209	0.0004	-0.9977	-0.9977	0.0000
2023-08-27T10:05:40	1	0	4	4	0	0.9393	0.9397	0.0004	0.9996	0.9996	0.0000
2023-08-27T10:07:54	1	0	1	1	0	1.0478	1.0472	-0.0006	-0.979	-0.9793	0.0003
2023-08-27T10:12:37	1	0	2	2	0	0.9886	0.9888	0.0002	-0.9998	-0.9997	-0.0001
2023-08-27T10:16:01	1	0	1	1	0	1.0256	1.0251	-0.0005	-0.9556	-0.9568	0.0012
2023-08-27T10:17:20	1	0	9	9	0	0.9824	0.9825	0.0001	0.9996	0.9997	-0.0001
2023-08-27T10:18:04	1	0	13	12	1	1.0418	1.0406	-0.0012	0.962	0.962	0.0000
2023-08-27T10:20:36	1	0	16	16	0	1.0464	1.0464	-0.0001	0.9883	0.9883	0.0000
2023-08-27T10:20:41	1	0	5	5	0	0.9388	0.9392	0.0004	0.9997	0.9997	0.0000
2023-08-27T10:20:55	1	0	3	3	0	1.0171	1.0163	-0.0008	0.9977	0.9974	0.0003
2023-08-27T10:21:02	1	0	2	2	0	1.0276	1.0273	-0.0003	0.9997	0.9997	0.0000
2023-08-27T10:21:53	1	0	3	3	0	0.9368	0.9370	0.0003	0.8589	0.8596	-0.0007
2023-08-27T10:23:02	1	0	3	3	0	0.9886	1.0034	0.0148	0.9611	0.9609	0.0002
2023-08-27T10:25:09	1	0	8	8	0	0.9932	0.9932	0.0000	0.9991	0.9992	-0.0001
2023-08-27T10:25:17	1	0	49	48	1	0.9428	0.9429	0.0000	0.9988	0.9974	0.0014
2023-08-27T10:25:56	1	0	1	1	0	1.0381	1.0355	-0.0026	-0.9586	-0.9587	0.0001
2023-08-27T10:34:35	1	0	3	3	0	0.9861	0.9863	0.0002	0.9805	0.9806	-0.0001
2023-08-27T10:36:54	1	0	2	2	0	0.9399	0.9402	0.0003	0.8559	0.8564	-0.0005
2023-08-27T10:37:56	1	0	3	3	0	1.0447	1.0444	-0.0003	-0.9812	-0.9814	0.0002
2023-08-27T10:38:03	1	0	1	1	0	0.9709	0.9714	0.0005	0.9612	0.961	0.0002
2023-08-27T10:43:55	1	0	8	8	0	1.0473	1.0472	-0.0001	-0.9995	-1	0.0005
2023-08-27T10:45:04	1	0	73	71	2	0.9393	0.9395	0.0002	0.983	0.9839	-0.0009
2023-08-27T10:46:55	2	0	1	1	0	1.0331	1.0324	-0.0007	-0.9972	-0.9976	0.0004
2023-08-27T10:47:04	1	0	1	1	0	1.0392	1.0385	-0.0007	-0.9988	-0.9988	0.0000
2023-08-27T10:50:38	1	0	14	14	0	1.0409	1.0406	-0.0002	0.9834	0.9831	0.0003
2023-08-27T10:51:06	1	0	3	3	0	1.0544	1.0541	-0.0003	-0.9986	-0.9991	0.0005
2023-08-27T10:51:45	1	0	5	5	0	1.0145	1.0144	0.0000	-0.9971	-0.9971	0.0000
2023-08-27T10:55:11	1	0	8	8	0	1.0184	1.0184	0.0000	0.9996	0.9996	0.0000
2023-08-27T10:55:49	1	0	5	5	0	1.0255	1.0254	-0.0001	0.9977	0.9979	-0.0002
2023-08-27T11:01:56	1	0	1	1	0	1.0326	1.0323	-0.0003	-0.9962	-0.9963	0.0001
2023-08-27T11:03:51	1	0	1	1	0	1.0572	1.0553	-0.0019	0.9797	0.9793	0.0004
2023-08-27T11:04:19	1	0	2	2	0	1.0338	1.0334	-0.0004	-0.9998	-0.9998	0.0000
2023-08-27T11:05:39	1	0	11	11	0	1.0384	1.0382	-0.0002	0.9817	0.9815	0.0002
2023-08-27T11:06:46	1	0	4	4	0	1.0067	1.0076	0.0009	-0.9979	-0.9987	0.0008
2023-08-27T11:09:40	1	0	10	10	0	0.9988	0.9986	-0.0002	0.9555	0.9553	0.0002
2023-08-27T11:10:50	1	0	3	3	0	1.0148	1.0147	-0.0001	0.9968	0.9967	0.0001
2023-08-27T11:12:00	1	0	82	79	3	0.9383	0.9390	0.0006	0.9681	0.9681	0.0000
2023-08-27T11:13:19	1	0	9	9	0	1.0421	1.0420	-0.0001	0.9782	0.9781	0.0001
2023-08-27T11:18:52	1	0	1	1	0	1.0576	1.0572	-0.0004	0.9776	0.9776	0.0000
2023-08-27T11:20:22	1	0	1	0	1	1.0275	null	null	0.9674	0.9724	-0.0050
2023-08-27T11:20:40	1	0	196	196	0	1.0669	1.0669	0.0000	0.9968	0.9969	-0.0001
2023-08-27T11:21:08	1	0	5	5	0	1.0090	1.0089	-0.0001	0.9936	0.9932	0.0004
2023-08-27T11:22:55	1	0	23	23	0	1.0518	1.0516	-0.0002	-0.9934	-0.9936	0.0002
2023-08-27T11:24:41	1	0	13	13	0	0.9903	0.9901	-0.0002	0.9604	0.9575	0.0029
2023-08-27T11:25:20	1	0	30	30	0	0.9470	0.9470	0.0000	0.9966	0.9966	0.0000
2023-08-27T11:25:32	1	0	1	1	0	1.0561	1.0556	-0.0005	0.9996	0.9996	0.0000
2023-08-27T11:32:08	1	0	2	2	0	0.9974	0.9972	-0.0003	-0.9999	-0.9999	0.0000
2023-08-27T11:34:02	1	0	1	0	1	0.9596	null	null	0.9957	0.9957	0.0000
2023-08-27T11:34:20	1	0	3	3	0	1.0304	1.0302	-0.0002	1	0.9995	0.0005
2023-08-27T11:37:01	1	0	3	3	0	1.0438	1.0435	-0.0003	-0.9973	-0.998	0.0007
2023-08-27T11:49:03	1	0	74	74	0	0.9160	0.9160	0.0000	-0.998	-0.998	0.0000
2023-08-27T11:50:25	1	0	4	4	0	0.9804	0.9802	-0.0002	0.9416	0.9414	0.0002
2023-08-27T11:51:59	1	0	6	7	-1	0.9436	0.9438	0.0002	0.8403	0.84	0.0003
2023-08-27T12:22:11	1	0	3	3	0	0.9403	0.9409	0.0006	0.9975	0.9978	-0.0003
2023-08-27T12:23:14	1	0	9	9	0	1.0433	1.0432	-0.0001	0.986	0.9867	-0.0007
2023-08-27T12:49:07	1	0	2	2	0	0.9383	0.9385	0.0002	0.988	0.9883	-0.0003
2023-08-27T13:01:05	1	0	166	162	4	0.9155	0.9157	0.0001	0.9881	0.9883	-0.0002

2023-08-27T13:01:46	1	0	20	17	3	0.9450	0.9449	-0.0001	0.9998	0.9999	-0.0001
2023-08-27T13:04:30	1	0	3	3	0	0.9677	0.9673	-0.0003	0.9546	0.9545	0.0001
2023-08-27T13:31:48	1	0	15	15	0	0.9445	0.9447	0.0002	0.9995	0.9995	0.0000
2023-08-27T13:34:07	1	0	2	2	0	0.9982	0.9976	-0.0005	0.9815	0.9814	0.0001
2023-08-27T13:34:10	1	0	4	4	0	0.9908	0.9906	-0.0003	0.9907	0.9923	-0.0016
2023-08-27T13:35:43	1	0	28	26	2	1.0530	1.0528	-0.0002	-0.9999	-0.9999	0.0000
2023-08-27T13:49:08	1	0	2	2	0	0.9992	0.9990	-0.0003	0.9805	0.9805	0.0000
2023-08-27T14:03:51	1	0	76	76	0	0.9531	0.9532	0.0000	0.9619	0.9617	0.0002
2023-08-27T14:05:36	1	0	1	0	1	1.0551	null	null	-0.9122	-0.9125	0.0003
2023-08-27T14:08:53	1	0	1	0	1	0.9450	null	null	0.991	0.991	0.0000
2023-08-27T14:16:02	1	0	76	76	0	1.0566	1.0565	-0.0001	-0.9991	-0.9991	0.0000
2023-08-27T14:35:42	1	0	102	101	1	1.0549	1.0549	0.0000	0.996	0.996	0.0000
2023-08-27T14:38:24	1	0	14	14	0	1.0334	1.0334	0.0000	0.9999	0.9999	0.0000
2023-08-27T15:01:04	1	0	88	87	1	1.0529	1.0529	-0.0001	-0.981	-0.981	0.0000
2023-08-27T15:41:11	1	0	1	0	1	1.0297	null	null	0.9873	0.9872	0.0001
2023-08-28T08:13:45	1	0	3	3	0	1.0321	1.0319	-0.0002	-0.993	-0.9932	0.0002
2023-08-28T08:32:54	1	0	46	42	4	1.0378	1.0371	-0.0007	0.9549	0.9549	0.0000
2023-08-28T08:36:53	1	0	5	5	0	0.9411	0.9415	0.0003	1	1	0.0000
2023-08-28T08:47:55	1	0	33	32	1	1.0309	1.0301	-0.0008	0.9557	0.9558	-0.0001
2023-08-28T09:18:42	1	0	3	3	0	0.9873	0.9871	-0.0002	0.966	0.966	0.0000
2023-08-28T09:28:27	1	0	2	2	0	1.0215	1.0212	-0.0003	0.9652	0.9651	0.0001
2023-08-28T09:29:08	1	0	2	2	0	1.0343	1.0340	-0.0003	-0.9578	-0.9577	-0.0001
2023-08-28T09:35:12	1	0	273	270	3	0.8898	0.8899	0.0001	0.8592	0.8591	0.0001
2023-08-28T09:35:50	1	0	3	3	0	1.0054	1.0049	-0.0005	0.9906	0.9973	-0.0067
2023-08-28T09:40:59	1	0	5	5	0	1.0200	1.0199	-0.0001	0.9905	0.9907	-0.0002
2023-08-28T09:42:47	1	0	6	6	0	1.0381	1.0379	-0.0002	-0.9994	-0.9992	-0.0002
2023-08-28T09:45:51	1	0	1	1	0	0.8117	0.8121	0.0004	0.9815	0.9816	-0.0001
2023-08-28T09:46:38	1	0	5	5	0	1.0293	1.0291	-0.0002	0.9795	0.9794	0.0001
2023-08-28T09:48:44	1	0	9	9	0	0.9614	0.9621	0.0007	0.9632	0.9636	-0.0004
2023-08-28T09:48:51	1	0	72	70	2	0.9237	0.9240	0.0003	1	0.9999	0.0001
2023-08-28T09:50:07	1	0	3	3	0	1.0282	1.0280	-0.0002	0.9706	0.9707	-0.0001
2023-08-28T09:50:13	1	0	366	358	8	0.8810	0.8862	0.0052	0.8473	0.8481	-0.0008
2023-08-28T09:50:39	1	0	20	19	1	1.0329	1.0325	-0.0004	0.9998	0.9998	0.0000
2023-08-28T09:54:53	1	0	80	78	2	0.9393	0.9398	0.0005	-0.9999	-0.9998	-0.0001
2023-08-28T10:02:15	1	0	10	10	0	0.9772	0.9774	0.0001	0.9869	0.9868	0.0001
2023-08-28T10:03:45	1	0	13	11	2	0.9433	0.9434	0.0001	0.9579	0.958	-0.0001
2023-08-28T10:05:14	1	0	583	580	3	0.8605	0.8635	0.0030	0.8239	0.8244	-0.0005
2023-08-28T10:05:21	1	0	229	228	1	1.0578	1.0578	0.0000	0.9974	0.9974	0.0000
2023-08-28T10:05:40	1	0	15	13	2	1.0401	1.0396	-0.0005	0.9999	0.9999	0.0000
2023-08-28T10:07:50	1	0	2	2	0	1.0356	1.0351	-0.0005	-0.9991	-0.9992	0.0001
2023-08-28T10:09:49	1	0	13	13	0	1.0286	1.0286	0.0000	0.9579	0.9577	0.0002
2023-08-28T10:10:02	1	0	1	0	1	1.0554	null	null	0.9954	0.9954	0.0000
2023-08-28T10:10:05	1	0	16	16	0	0.9993	0.9994	0.0000	0.9892	0.9893	-0.0001
2023-08-28T10:10:55	1	0	1	0	1	1.0266	null	null	-0.9893	-0.9891	-0.0002
2023-08-28T10:11:01	1	0	5	5	0	1.0189	1.0188	-0.0001	0.9907	0.9907	0.0000
2023-08-28T10:12:28	1	0	2	2	0	0.9962	0.9963	0.0002	-0.9964	-0.9963	-0.0001
2023-08-28T10:15:19	1	0	2	2	0	0.9852	0.9856	0.0004	-0.9988	-0.9988	0.0000
2023-08-28T10:16:18	1	0	3	3	0	1.0329	1.0324	-0.0005	-0.999	-0.9991	0.0001
2023-08-28T10:17:16	1	0	49	44	5	0.9477	0.9480	0.0003	0.9833	0.9832	0.0001
2023-08-28T10:20:41	2	0	18	16	2	1.0331	1.0325	-0.0005	0.9997	0.9997	0.0000
2023-08-28T10:20:53	1	0	1	1	0	1.0085	1.0074	-0.0011	0.9957	0.9955	0.0002
2023-08-28T10:23:01	1	0	22	21	1	0.9413	0.9415	0.0003	0.9906	0.9909	-0.0003
2023-08-28T10:24:50	1	0	10	10	0	1.0254	1.0253	-0.0001	0.9601	0.96	0.0001
2023-08-28T10:25:34	2	0	10	8	2	1.0470	1.0467	-0.0002	-0.9997	-0.9998	0.0001
2023-08-28T10:29:58	1	0	2	2	0	0.9484	0.9495	0.0010	0.9809	0.9811	-0.0002
2023-08-28T10:33:47	1	0	3	3	0	0.9879	0.9876	-0.0003	0.9655	0.9654	0.0001
2023-08-28T10:34:14	1	0	14	13	1	1.0479	1.0478	-0.0001	0.9981	0.9981	0.0000
2023-08-28T10:35:42	1	0	19	17	2	1.0348	1.0334	-0.0014	0.9999	0.9999	0.0000
2023-08-28T10:35:54	1	0	4	4	0	1.0086	1.0079	-0.0008	0.9955	0.9952	0.0003
2023-08-28T10:36:02	1	0	3	3	0	1.0474	1.0472	-0.0003	-0.9977	-0.9979	0.0002
2023-08-28T10:40:07	1	0	8	8	0	1.0045	1.0045	0.0000	0.9901	0.99	0.0001
2023-08-28T10:40:35	1	0	3	2	1	1.0460	1.0455	-0.0005	1	1	0.0000
2023-08-28T10:41:53	1	0	1	1	0	1.0592	1.0587	-0.0005	0.9982	0.9981	0.0001
2023-08-28T10:43:12	1	0	9	9	0	0.9659	0.9660	0.0001	0.9664	0.9665	-0.0001
2023-08-28T10:43:34	1	0	1	1	0	1.0094	1.0089	-0.0005	-0.9873	-0.9852	-0.0021
2023-08-28T10:49:15	1	0	5	5	0	1.0422	1.0421	-0.0001	0.9977	0.9977	0.0000
2023-08-28T10:50:55	1	0	1	1	0	1.0053	1.0039	-0.0014	0.9928	0.9924	0.0004
2023-08-28T10:55:05	1	0	2	2	0	0.9997	1.0012	0.0015	0.9932	0.9944	-0.0012
2023-08-28T10:55:56	1	0	1	1	0	0.9888	0.9892	0.0004	0.9963	0.9964	-0.0001
2023-08-28T10:57:46	1	0	174	172	2	1.0605	1.0604	-0.0001	-0.9986	-0.9986	0.0000
2023-08-28T11:05:44	1	0	21	21	0	1.0342	1.0339	-0.0003	0.9999	0.9999	0.0000
2023-08-28T11:06:04	1	0	3	3	0	1.0517	1.0516	-0.0001	-0.9962	-0.9964	0.0002
2023-08-28T11:06:43	1	0	4	4	0	1.0108	1.0109	0.0001	0.9999	0.9999	0.0000
2023-08-28T11:10:06	1	0	3	3	0	1.0079	1.0083	0.0004	0.9957	0.9948	0.0009
2023-08-28T11:10:49	1	0	1	1	0	1.0265	1.0256	-0.0009	0.973	0.9728	0.0002
2023-08-28T11:12:47	2	0	174	171	3	1.0607	1.0606	-0.0001	-0.999	-0.999	0.0000
2023-08-28T11:16:08	1	0	1	0	1	1.0205	null	null	0.9973	0.9968	0.0005
2023-08-28T11:20:30	1	0	1	0	1	1.0338	null	null	-0.9934	-0.9934	0.0000
2023-08-28T11:20:57	1	0	1	1	0	1.0075	1.0063	-0.0012	0.9915	0.9917	-0.0002
2023-08-28T11:21:44	1	0	5	5	0	1.0100	1.0099	-0.0001	0.9996	0.9996	0.0000
2023-08-28T11:21:54	1	0	10	10	0	1.0464	1.0463	-0.0001	-0.995	-0.9951	0.0001
2023-08-28T11:22:55	1	0	1	1	0	1.0346	1.0342	-0.0004	-0.9996	-0.9996	0.0000
2023-08-28T11:26:06	1	0	7	7	0	1.0045	1.0045	0.0000	0.9902	0.9902	0.0000
2023-08-28T11:33:14	1	0	2	2	0	0.9383	0.9384	0.0001	0.9461	0.9461	0.0000
2023-08-28T11:33:51	1	0	6	6	0	0.9830	0.9831	0.0001	0.959	0.9591	-0.0001

2023-08-28T11:33:58	1	0	267	267	0	0.8651	0.8652	0.0001	-1	-0.9999	-0.0001
2023-08-28T11:36:55	1	0	2	2	0	0.9385	0.9390	0.0005	0.8189	0.8204	-0.0015
2023-08-28T11:55:29	1	0	5	5	0	1.0290	1.0289	-0.0001	0.9981	0.9981	0.0000
2023-08-28T11:59:31	1	0	6	5	1	1.0512	1.0495	-0.0017	-0.9947	-0.9947	0.0000
2023-08-28T11:59:58	1	0	23	23	0	1.0503	1.0502	-0.0001	0.9958	0.996	-0.0002
2023-08-28T12:11:09	1	0	3	3	0	1.0084	1.0084	0.0000	0.9882	0.9882	0.0000
2023-08-28T12:11:59	1	0	1	1	0	1.0560	1.0552	-0.0008	0.9824	0.9823	0.0001
2023-08-28T12:17:00	1	0	4	3	1	1.0477	1.0452	-0.0026	0.9968	0.9968	0.0000
2023-08-28T12:55:56	1	0	3	3	0	1.0245	1.0242	-0.0004	0.9729	0.9729	0.0000
2023-08-28T13:00:08	1	0	22	22	0	0.9428	0.9429	0.0001	0.9753	0.9755	-0.0002
2023-08-28T13:00:30	1	0	16	16	0	0.9542	0.9548	0.0005	0.9986	0.9987	-0.0001
2023-08-28T13:08:37	1	0	11	11	0	1.0467	1.0467	0.0000	-0.9995	-0.9995	0.0000
2023-08-28T13:27:04	1	0	2	2	0	0.9990	0.9988	-0.0002	0.9797	0.9797	0.0000
2023-08-28T13:27:56	1	0	32	31	1	1.0492	1.0490	-0.0003	-0.984	-0.984	0.0000
2023-08-28T13:49:07	1	0	45	41	4	0.9384	0.9387	0.0003	0.9829	0.9811	0.0018
2023-08-28T13:55:19	1	0	3	3	0	1.0068	1.0069	0.0001	0.9969	0.9969	0.0000
2023-08-28T14:05:30	1	0	363	356	7	0.8845	0.8845	0.0000	0.8603	0.8606	-0.0003
2023-08-28T14:05:56	1	0	17	16	1	1.0432	1.0432	-0.0001	0.9991	0.9991	0.0000
2023-08-28T14:20:31	1	0	629	614	15	0.8801	0.8801	0.0000	0.808	0.8084	-0.0004
2023-08-28T14:20:57	1	0	15	15	0	1.0425	1.0424	-0.0001	0.999	0.9989	0.0001
2023-08-28T14:22:06	1	0	2	2	0	0.9422	0.9425	0.0003	0.8079	0.8086	-0.0007
2023-08-28T14:23:55	1	0	84	84	0	0.9247	0.9251	0.0003	0.9974	0.9975	-0.0001
2023-08-28T14:26:11	1	0	1	1	0	0.9434	0.9438	0.0004	0.9908	0.9894	0.0014
2023-08-28T14:31:14	1	0	81	81	0	0.9393	0.9396	0.0003	0.9821	0.9822	-0.0001
2023-08-28T14:34:21	1	0	35	34	1	0.9360	0.9364	0.0003	-0.9991	-0.9991	0.0000
2023-08-28T14:35:52	1	0	22	21	1	0.9499	0.9453	-0.0045	0.9171	0.9168	0.0003
2023-08-28T14:43:01	1	0	56	55	1	1.0508	1.0507	-0.0001	-0.9764	-0.9762	-0.0002
2023-08-28T14:46:15	1	0	96	94	2	0.9435	0.9435	0.0000	0.981	0.9809	0.0001
2023-08-28T14:50:33	1	0	331	331	0	0.8933	0.8933	0.0000	0.8526	0.8527	-0.0001
2023-08-28T14:50:53	1	0	35	34	1	0.9372	0.9372	0.0000	0.9169	0.9166	0.0003
2023-08-28T14:52:08	1	0	2	2	0	0.9431	0.9432	0.0001	0.824	0.8241	-0.0001
2023-08-28T14:56:54	1	0	21	19	2	0.9427	0.9396	-0.0031	0.9607	0.9605	0.0002
2023-08-28T15:01:16	1	0	58	57	1	0.9517	0.9517	0.0000	0.9816	0.9816	0.0000
2023-08-28T15:02:22	1	0	1	1	0	1.0344	1.0336	-0.0008	0.9987	0.9987	0.0000
2023-08-28T15:08:24	1	0	3	3	0	1.0052	1.0057	0.0005	0.9604	0.9598	0.0006
2023-08-28T15:10:58	1	0	11	11	0	1.0408	1.0407	-0.0001	-0.9931	-0.9932	0.0001
2023-08-28T16:05:41	1	0	2	0	2	1.0451	null	null	-0.8793	-0.879	-0.0003
2023-08-28T16:34:48	1	0	126	123	3	0.9469	0.9471	0.0002	0.9995	0.9995	0.0000
2023-08-28T16:46:27	1	0	56	52	4	0.9550	0.9559	0.0009	0.9883	0.9885	-0.0002
2023-08-28T16:49:49	1	0	86	85	1	0.9522	0.9523	0.0001	0.9995	0.9995	0.0000
2023-08-28T16:57:24	1	0	49	49	0	1.0576	1.0575	-0.0001	0.9999	0.9999	0.0000
2023-08-28T17:33:28	1	0	2	2	0	1.0256	1.0256	0.0000	0.987	0.987	0.0000
2023-08-29T08:02:19	2	0	206	206	0	0.9955	0.9955	0.0000	0.9505	0.9504	0.0001
2023-08-29T08:13:12	2	0	4	4	0	1.0292	1.0290	-0.0003	-0.9937	-0.9937	0.0000
2023-08-29T08:26:26	3	0	383	396	-13	0.8230	1.1079	0.2849	-0.9922	-0.9087	-0.0835
2023-08-29T08:29:03	1	0	49	47	2	1.0520	1.0519	-0.0002	-0.9178	-0.9173	-0.0005
2023-08-29T08:33:16	1	0	65	65	0	0.9380	0.9382	0.0002	0.952	0.9519	0.0001
2023-08-29T08:44:07	1	0	67	67	0	1.0546	1.0545	-0.0001	-0.9318	-0.9314	-0.0004
2023-08-29T08:51:28	1	0	8	8	0	0.9460	0.9464	0.0004	-0.9868	-0.9865	-0.0003
2023-08-29T09:03:18	1	0	146	146	0	0.9333	0.9333	0.0000	0.95	0.9498	0.0002
2023-08-29T09:14:13	1	0	46	46	0	1.0520	1.0519	-0.0001	-0.928	-0.9275	-0.0005
2023-08-29T09:27:15	1	0	1	1	0	1.0256	1.0253	-0.0003	0.9995	0.9996	-0.0001
2023-08-29T09:29:17	1	0	43	43	0	1.0521	1.0520	-0.0001	-0.9366	-0.9362	-0.0004
2023-08-29T09:35:12	1	0	13	12	1	1.0476	1.0472	-0.0005	0.999	0.9989	0.0001
2023-08-29T09:40:17	1	0	4	4	0	0.9515	0.9518	0.0003	0.9263	0.9263	0.0000
2023-08-29T09:43:35	1	0	3	3	0	1.0391	1.0389	-0.0002	-0.9055	-0.9053	-0.0002
2023-08-29T09:44:21	1	0	44	42	2	1.0521	1.0519	-0.0002	-0.9426	-0.9422	-0.0004
2023-08-29T09:45:17	1	0	1	1	0	0.8341	0.8344	0.0003	0.9831	0.9828	0.0003
2023-08-29T09:45:23	1	0	1	1	0	1.0230	1.0227	-0.0003	0.9943	0.994	0.0003
2023-08-29T09:47:26	1	0	256	256	0	0.9945	0.9945	0.0000	0.9409	0.9408	0.0001
2023-08-29T09:48:21	1	0	83	81	2	0.9204	0.9207	0.0003	0.9995	0.9995	0.0000
2023-08-29T09:49:36	1	0	3	3	0	1.0300	1.0299	-0.0001	0.9703	0.9702	0.0001
2023-08-29T09:50:26	3	0	10	10	0	1.0470	1.0463	-0.0007	0.9985	0.9984	0.0001
2023-08-29T09:53:10	3	0	30	26	4	0.9402	0.9408	0.0007	0.9987	0.9988	-0.0001
2023-08-29T09:55:26	1	0	5	5	0	1.0212	1.0211	-0.0001	-0.9935	-0.9935	0.0000
2023-08-29T09:56:18	1	0	19	19	0	1.0585	1.0585	0.0000	0.9976	0.9975	0.0001
2023-08-29T09:59:22	1	0	1	1	0	0.9430	0.9438	0.0008	0.9818	0.9819	-0.0001
2023-08-29T09:59:27	1	0	60	57	3	1.0537	1.0533	-0.0004	-0.9302	-0.9304	0.0002
2023-08-29T10:00:18	1	0	1	1	0	0.8291	0.8291	0.0000	0.98	0.9795	0.0005
2023-08-29T10:00:19	2	0	5	5	0	1.0060	1.0058	-0.0001	0.9869	0.9412	0.0457
2023-08-29T10:00:24	1	0	1	1	0	1.0210	1.0210	0.0000	0.9925	0.9924	0.0001
2023-08-29T10:02:27	1	0	226	225	1	0.9954	0.9956	0.0002	0.9583	0.9584	-0.0001
2023-08-29T10:04:45	1	0	71	70	1	0.9263	0.9265	0.0002	0.9018	0.9019	-0.0001
2023-08-29T10:04:51	1	0	2	2	0	1.0211	1.0209	-0.0003	0.9688	0.9686	0.0002
2023-08-29T10:06:33	1	0	19	18	1	0.9378	0.9388	0.0010	-0.9975	-0.9971	-0.0004
2023-08-29T10:08:23	1	0	71	70	1	0.9322	0.9325	0.0003	0.9989	0.9989	0.0000
2023-08-29T10:09:31	1	0	9	9	0	1.0149	1.0149	0.0000	0.9998	0.9998	0.0000
2023-08-29T10:10:06	1	0	1	1	0	1.0568	1.0552	-0.0016	0.9975	0.9974	0.0001
2023-08-29T10:13:10	1	0	2	2	0	1.0210	1.0203	-0.0007	0.9633	0.9631	0.0002
2023-08-29T10:13:49	1	0	3	3	0	1.0416	1.0414	-0.0002	-0.9224	-0.9225	0.0001
2023-08-29T10:16:42	1	0	9	9	0	1.0058	1.0059	0.0001	0.9912	0.9912	0.0000
2023-08-29T10:18:23	3	0	62	60	2	0.9352	0.9426	0.0074	0.9589	0.9591	-0.0002
2023-08-29T10:20:22	1	0	2	2	0	1.0349	1.0347	-0.0003	-0.9997	-0.9997	0.0000
2023-08-29T10:22:27	1	0	6	6	0	1.0315	1.0316	0.0001	-0.9979	-0.9976	-0.0003
2023-08-29T10:24:19	1	0	6	7	-1	1.0227	1.0246	0.0019	0.9575	0.9571	0.0004

2023-08-29T10:24:22	1	0	1	1	0	0.9588	0.9593	0.0005	-0.9989	-0.9989	0.0000
2023-08-29T10:25:22	1	0	1	1	0	1.0205	1.0202	-0.0003	0.9958	0.9967	-0.0009
2023-08-29T10:27:35	1	0	10	10	0	0.9753	0.9753	0.0000	0.9637	0.9638	-0.0001
2023-08-29T10:29:42	1	0	60	57	3	1.0545	1.0542	-0.0004	-0.9328	-0.9331	0.0003
2023-08-29T10:31:43	1	0	11	11	0	1.0059	1.0058	-0.0001	0.9926	0.9926	0.0000
2023-08-29T10:33:36	1	0	99	90	9	0.9379	0.9304	-0.0075	0.9615	0.9616	-0.0001
2023-08-29T10:34:28	2	0	1	0	1	1.0457	null	null	-0.9975	-0.9977	0.0002
2023-08-29T10:34:51	1	0	36	36	0	0.9385	0.9386	0.0002	0.8959	0.8962	-0.0003
2023-08-29T10:35:20	1	0	1	1	0	1.0078	1.0055	-0.0023	0.9927	0.9919	0.0008
2023-08-29T10:35:42	2	0	10	10	0	1.0473	1.0467	-0.0006	0.9987	0.9986	0.0001
2023-08-29T10:37:20	2	0	2	1	1	1.0340	1.0340	0.0000	-0.9964	-0.9966	0.0002
2023-08-29T10:39:20	1	0	8	8	0	1.0250	1.0249	-0.0001	0.9547	0.9543	0.0004
2023-08-29T10:42:19	1	0	2	2	0	0.9908	0.9913	0.0005	-1	-1	0.0000
2023-08-29T10:42:37	1	0	9	9	0	0.9721	0.9722	0.0001	0.9621	0.9622	-0.0001
2023-08-29T10:48:25	1	0	129	128	1	0.9102	0.9107	0.0004	1	0.9999	0.0001
2023-08-29T10:48:38	1	0	2	2	0	1.0445	1.0439	-0.0006	0.9972	0.9971	0.0001
2023-08-29T10:50:16	1	0	5	5	0	1.0481	1.0476	-0.0005	0.9244	0.9237	0.0007
2023-08-29T10:51:43	2	0	6	6	0	1.0100	1.0094	-0.0006	-0.9994	-0.9994	0.0000
2023-08-29T10:52:22	1	0	1	1	0	1.0582	1.0578	-0.0004	0.9786	0.9784	0.0002
2023-08-29T11:03:49	3	0	3	3	0	1.0376	1.0373	-0.0003	0.9965	0.9964	0.0001
2023-08-29T11:05:22	1	0	3	3	0	1.0472	1.0468	-0.0004	0.9189	0.9185	0.0004
2023-08-29T11:06:49	1	0	6	6	0	1.0114	1.0111	-0.0003	-0.9988	-0.9988	0.0000
2023-08-29T11:10:23	1	0	2	2	0	0.9618	0.9620	0.0003	0.984	0.9827	0.0013
2023-08-29T11:10:23	2	0	1	1	0	1.0378	1.0345	-0.0033	-0.9856	-0.9862	0.0006
2023-08-29T11:10:28	1	0	14	10	4	0.9457	0.9473	0.0015	0.9104	0.9108	-0.0004
2023-08-29T11:11:31	2	0	44	41	3	1.0559	1.0556	-0.0003	0.9991	0.9991	0.0000
2023-08-29T11:18:49	2	0	4	4	0	1.0429	1.0426	-0.0003	0.9964	0.9963	0.0001
2023-08-29T11:19:54	1	0	580	571	9	0.8467	0.8468	0.0001	0.8285	0.8211	0.0074
2023-08-29T11:28:25	2	0	1	0	1	1.0333	null	null	-0.9976	-0.9977	0.0001
2023-08-29T11:29:26	1	0	3	3	0	1.0409	1.0407	-0.0002	-0.957	-0.9575	0.0005
2023-08-29T11:30:04	1	0	63	64	-1	1.0537	1.0534	-0.0003	-0.9251	-0.9249	-0.0002
2023-08-29T11:31:55	1	0	14	13	1	0.9975	0.9956	-0.0019	0.9889	0.9887	0.0002
2023-08-29T11:33:16	2	0	33	31	2	0.9686	0.9701	0.0016	0.9788	0.9788	0.0000
2023-08-29T11:33:59	3	0	214	183	31	0.9092	0.9100	0.0009	0.9925	0.9929	-0.0004
2023-08-29T11:34:59	1	0	1	1	0	1.0456	1.0454	-0.0002	-1	0.9957	0.0043
2023-08-29T11:35:03	4	0	577	568	9	0.8564	0.8563	-0.0001	0.8339	0.8338	0.0001
2023-08-29T11:36:08	1	0	24	22	2	1.0515	1.0504	-0.0011	1	1	0.0000
2023-08-29T11:36:14	1	0	1	1	0	1.0377	1.0376	-0.0001	-0.9997	-0.9999	0.0002
2023-08-29T11:37:03	2	0	5	5	0	1.0130	1.0126	-0.0004	-0.9961	-0.9962	0.0001
2023-08-29T11:37:12	2	0	13	11	2	1.0492	1.0487	-0.0005	-0.9939	-0.9941	0.0002
2023-08-29T11:39:24	2	0	4	5	-1	1.0345	1.0313	-0.0031	0.9565	0.9565	0.0000
2023-08-29T11:39:39	1	0	13	13	0	1.0128	1.0128	0.0000	0.9982	0.9983	-0.0001
2023-08-29T11:40:33	1	0	4	4	0	1.0184	1.0184	0.0000	-0.9937	-0.9937	0.0000
2023-08-29T11:44:32	1	0	4	4	0	1.0460	1.0459	-0.0001	-0.9656	-0.966	0.0004
2023-08-29T11:45:10	1	0	60	57	3	1.0535	1.0532	-0.0003	-0.9289	-0.9287	-0.0002
2023-08-29T11:48:31	2	0	27	27	0	0.9820	0.9862	0.0043	0.9837	0.9837	0.0000
2023-08-29T11:49:02	2	0	3	4	-1	1.0433	1.0418	-0.0015	0.9963	0.9964	-0.0001
2023-08-29T11:49:11	3	0	157	157	0	0.9012	0.9013	0.0001	0.9973	0.9972	0.0001
2023-08-29T11:51:15	1	0	2	2	0	1.0357	1.0357	0.0000	-1	1	0.0000
2023-08-29T11:52:09	2	0	8	8	0	1.0149	1.0146	-0.0002	-0.9864	-0.9865	0.0001
2023-08-29T11:52:22	1	0	4	4	0	1.0491	1.0490	-0.0002	-0.9969	-0.997	0.0001
2023-08-29T11:52:33	1	0	12	12	0	1.0513	1.0513	0.0000	-0.9987	-0.9987	0.0000
2023-08-29T11:55:34	1	0	4	4	0	1.0189	1.0188	0.0000	-0.9948	-0.9948	0.0000
2023-08-29T11:59:39	1	0	5	5	0	1.0507	1.0506	-0.0001	-0.9363	-0.9355	-0.0008
2023-08-29T12:00:14	1	0	46	46	0	1.0523	1.0522	-0.0001	-0.9453	-0.9449	-0.0004
2023-08-29T12:03:43	2	0	61	62	-1	0.9575	0.9598	0.0023	0.9765	0.9766	-0.0001
2023-08-29T12:05:24	1	0	10	9	1	0.9431	0.9433	0.0002	-0.9766	-0.9755	-0.0011
2023-08-29T12:07:15	2	0	8	8	0	1.0153	1.0151	-0.0002	-0.9876	-0.9877	0.0001
2023-08-29T12:07:34	1	0	11	11	0	1.0505	1.0505	0.0000	-0.999	-0.999	0.0000
2023-08-29T12:25:38	1	0	4	4	0	1.0155	1.0155	0.0000	-0.9977	-0.9977	0.0000
2023-08-29T12:26:28	2	0	3	3	0	0.9811	0.9809	-0.0003	0.9872	0.9872	0.0000
2023-08-29T12:27:47	1	0	1	1	0	1.0190	1.0183	-0.0007	0.9983	0.9984	-0.0001
2023-08-29T12:46:31	1	0	383	382	1	1.0826	1.0825	-0.0001	-0.9451	-0.9452	0.0001
2023-08-29T12:51:24	1	0	2	2	0	1.0355	1.0354	-0.0002	0.9999	1	-0.0001
2023-08-29T12:58:31	1	0	3	3	0	1.0334	1.0326	-0.0007	-0.9986	-0.9988	0.0002
2023-08-29T13:00:27	1	0	57	51	6	1.0534	1.0525	-0.0009	-0.9418	-0.9423	0.0005
2023-08-29T13:07:42	1	0	1	0	1	0.9747	null	null	0.9637	0.9637	0.0000
2023-08-29T13:09:34	1	0	2	2	0	1.0310	1.0310	-0.0001	0.962	0.9622	-0.0002
2023-08-29T13:13:32	2	0	3	4	-1	1.0298	1.0294	-0.0004	-0.9988	-0.9988	0.0000
2023-08-29T13:14:29	1	0	14	14	0	1.0471	1.0470	-0.0001	0.9936	0.9939	-0.0003
2023-08-29T13:17:43	1	0	2	2	0	1.0195	1.0193	-0.0002	0.9794	0.9794	0.0000
2023-08-29T13:19:43	3	0	143	141	2	0.9066	0.9072	0.0005	0.9975	0.9974	0.0001
2023-08-29T13:21:19	1	0	1	1	0	0.9380	0.9384	0.0004	0.9995	0.9996	-0.0001
2023-08-29T13:45:32	1	0	63	62	1	1.0535	1.0535	0.0000	-0.9446	-0.9441	-0.0005
2023-08-29T13:50:00	1	0	85	84	1	0.9095	0.9097	0.0002	0.9982	0.9982	0.0000
2023-08-29T14:04:15	2	0	85	84	1	0.9811	0.9813	0.0002	0.9755	0.9755	0.0000
2023-08-29T14:05:01	1	0	128	126	2	0.9071	0.9075	0.0004	0.9973	0.9972	0.0001
2023-08-29T14:05:34	2	0	47	45	2	0.9339	0.9346	0.0007	0.9168	0.9111	0.0057
2023-08-29T14:06:04	1	0	2	2	0	1.0201	1.0200	-0.0001	0.9676	0.9676	0.0000
2023-08-29T14:07:34	1	0	3	4	-1	1.0371	1.0375	0.0004	0.9996	0.9996	0.0000
2023-08-29T14:09:44	2	0	5	5	0	1.0258	1.0258	0.0000	0.9595	0.9594	0.0001
2023-08-29T14:10:35	1	0	2	2	0	0.9636	0.9637	0.0001	0.9927	0.9927	0.0000
2023-08-29T14:10:45	1	0	15	15	0	0.9544	0.9547	0.0003	0.9998	0.9999	-0.0001
2023-08-29T14:15:03	1	0	3	3	0	1.0422	1.0420	-0.0002	-0.9714	-0.9719	0.0005
2023-08-29T14:15:38	2	0	87	84	3	1.0567	1.0564	-0.0003	-0.9391	-0.9396	0.0005

2023-08-29T14:15:44	1	0	1	1	0	0.9422	0.9422	0.0000	-1	-1	0.0000
2023-08-29T14:17:47	1	0	1	1	0	1.0586	1.0579	-0.0007	0.9713	0.9711	0.0002
2023-08-29T14:19:09	2	0	11	10	1	1.0469	1.0461	-0.0008	0.945	0.945	0.0000
2023-08-29T14:20:58	1	0	21	17	4	0.9419	0.9422	0.0002	-0.9962	-0.9959	-0.0003
2023-08-29T14:21:16	1	0	2	2	0	1.0218	1.0216	-0.0003	0.9685	0.9683	0.0002
2023-08-29T14:21:45	1	0	1	1	0	1.0369	1.0366	-0.0003	0.9999	0.9999	0.0000
2023-08-29T14:22:39	2	0	3	3	0	1.0342	1.0342	0.0000	0.999	0.999	0.0000
2023-08-29T14:22:54	1	0	12	12	0	1.0379	1.0379	-0.0001	-0.9973	-0.9974	0.0001
2023-08-29T14:22:57	1	0	13	12	1	0.9846	0.9816	-0.0030	-0.9967	-0.9968	0.0001
2023-08-29T14:24:44	1	0	4	4	0	1.0260	1.0260	0.0000	0.9633	0.9633	0.0000
2023-08-29T14:24:54	2	0	8	8	0	1.0131	1.0131	0.0000	0.9979	0.9978	0.0001
2023-08-29T14:25:46	1	0	48	46	2	0.9451	0.9452	0.0001	0.9999	0.9999	0.0000
2023-08-29T14:28:37	2	0	3	3	0	1.0346	1.0334	-0.0012	-0.9989	-0.9989	0.0000
2023-08-29T14:29:42	2	0	79	81	-2	0.9397	0.9396	-0.0001	0.9826	0.9827	-0.0001
2023-08-29T14:30:10	1	0	3	3	0	1.0419	1.0416	-0.0003	-0.9625	-0.9632	0.0007
2023-08-29T14:30:44	1	0	104	98	6	1.0577	1.0573	-0.0004	-0.9385	-0.9388	0.0003
2023-08-29T14:31:12	1	0	2	2	0	1.0271	1.0263	-0.0008	-0.9996	-0.9996	0.0000
2023-08-29T14:31:43	1	0	2	2	0	0.9409	0.9411	0.0002	0.9867	0.9868	-0.0001
2023-08-29T14:32:18	1	0	26	26	0	0.9709	0.9708	-0.0001	0.9814	0.9812	0.0002
2023-08-29T14:32:48	1	0	1	1	0	1.0571	1.0569	-0.0002	0.978	0.978	0.0000
2023-08-29T14:33:45	1	0	4	4	0	0.9914	0.9915	0.0001	0.9858	0.9858	0.0000
2023-08-29T14:34:24	2	0	4	4	0	1.0390	1.0389	-0.0001	0.9976	0.9976	0.0000
2023-08-29T14:35:28	2	0	500	490	10	0.8721	0.8721	0.0000	0.857	0.8574	-0.0004
2023-08-29T14:35:40	2	0	34	34	0	0.9416	0.9416	0.0000	0.9117	0.9115	0.0002
2023-08-29T14:36:03	2	0	1	1	0	1.0124	1.0118	-0.0006	0.9907	0.9902	0.0005
2023-08-29T14:36:26	1	0	4	4	0	1.0232	1.0230	-0.0002	0.9671	0.9669	0.0002
2023-08-29T14:36:58	1	0	33	30	3	1.0527	1.0521	-0.0006	0.9998	0.9997	0.0001
2023-08-29T14:36:58	1	0	1	1	0	1.0343	1.0341	-0.0002	0.9996	0.9996	0.0000
2023-08-29T14:37:44	2	0	2	2	0	1.0333	1.0331	-0.0002	0.9999	0.9999	0.0000
2023-08-29T14:38:02	1	0	11	11	0	1.0375	1.0375	0.0000	-0.9984	-0.9984	0.0000
2023-08-29T14:38:03	2	0	12	12	0	0.9935	0.9935	0.0000	-0.9954	-0.9954	0.0000
2023-08-29T14:38:12	5	0	8	8	0	1.0277	1.0272	-0.0005	0.9994	0.9994	0.0000
2023-08-29T14:39:45	1	0	4	4	0	1.0266	1.0266	0.0000	0.96	0.96	0.0000
2023-08-29T14:39:55	1	0	7	7	0	1.0154	1.0154	0.0000	0.9979	0.9979	0.0000
2023-08-29T14:40:47	1	0	70	70	0	0.9480	0.9480	0.0000	0.9999	0.9999	0.0000
2023-08-29T14:40:54	2	0	2	2	0	0.9631	0.9636	0.0005	0.9909	0.9911	-0.0002
2023-08-29T14:43:47	1	0	3	3	0	1.0310	1.0303	-0.0007	-0.9987	-0.9986	-0.0001
2023-08-29T14:44:43	2	0	168	168	0	0.9295	0.9295	0.0001	0.9798	0.9799	-0.0001
2023-08-29T14:45:17	1	0	4	4	0	1.0451	1.0449	-0.0002	-0.9702	-0.9708	0.0006
2023-08-29T14:45:48	1	0	120	119	1	1.0598	1.0593	-0.0005	-0.9435	-0.9438	0.0003
2023-08-29T14:49:43	2	0	71	69	2	0.9985	0.9987	0.0002	0.9777	0.9778	-0.0001
2023-08-29T14:50:15	1	0	64	63	1	0.9194	0.9196	0.0002	0.9983	0.9984	-0.0001
2023-08-29T14:50:34	2	0	383	369	14	0.8407	0.8408	0.0000	0.8561	0.8564	-0.0003
2023-08-29T14:50:41	3	0	26	26	0	1.0529	1.0525	-0.0004	0.9828	0.9825	0.0003
2023-08-29T14:52:50	1	0	8	8	0	1.0366	1.0366	0.0001	0.9999	0.9999	0.0000
2023-08-29T14:54:46	1	0	5	5	0	1.0212	1.0212	0.0000	0.9585	0.9585	0.0000
2023-08-29T15:04:53	2	0	57	57	0	1.0316	1.0319	0.0003	0.9796	0.9797	-0.0001
2023-08-29T15:05:16	2	0	138	136	2	0.9060	0.9063	0.0003	0.9984	0.9988	-0.0004
2023-08-29T15:09:57	1	0	10	10	0	1.0171	1.0171	0.0000	0.9982	0.9982	0.0000
2023-08-29T15:12:35	1	0	1	1	0	1.0249	1.0223	-0.0026	0.9994	0.9993	0.0001
2023-08-29T15:22:57	2	0	4	4	0	0.9971	0.9974	0.0003	0.9626	0.9624	0.0002
2023-08-29T15:23:24	1	0	10	10	0	1.0048	1.0043	-0.0005	-0.9933	-0.9922	-0.0011
2023-08-29T15:25:50	2	0	1	1	0	1.0147	1.0139	-0.0008	0.9662	0.966	0.0002
2023-08-29T15:28:02	1	0	1	1	0	1.0250	1.0248	-0.0002	0.997	0.9969	0.0001
2023-08-29T15:30:50	1	0	24	21	3	0.9834	0.9799	-0.0035	-0.9975	-0.9965	-0.0010
2023-08-29T15:31:52	1	0	1	1	0	1.0390	1.0383	-0.0007	0.998	0.998	0.0000
2023-08-29T15:36:42	2	0	1	1	0	0.9435	0.9444	0.0009	0.8229	0.8238	-0.0009
2023-08-29T15:42:50	1	0	4	4	0	0.9953	0.9948	-0.0005	0.9946	0.9946	0.0000
2023-08-29T15:43:16	1	0	411	411	0	1.0728	1.0728	0.0000	-0.9372	-0.937	-0.0002
2023-08-29T15:55:52	1	0	5	5	0	1.0164	1.0164	-0.0001	1	1	0.0000
2023-08-29T15:58:17	1	0	388	388	0	1.0631	1.0631	0.0000	-0.938	-0.9378	-0.0002
2023-08-29T16:06:12	1	0	1	1	0	0.9427	0.9430	0.0003	0.9723	0.9724	-0.0001
2023-08-29T16:14:12	1	0	2	2	0	0.9427	0.9429	0.0002	0.9996	0.9997	-0.0001
2023-08-29T16:23:08	1	0	20	20	0	1.0506	1.0506	0.0000	0.9978	0.9978	0.0000
2023-08-29T17:21:54	1	0	60	59	1	0.9407	0.9408	0.0001	0.9989	0.9991	-0.0002
2023-08-29T17:28:23	2	0	20	20	0	0.9581	0.9581	0.0000	0.9953	0.9953	0.0000
2023-08-29T18:10:44	1	0	3	3	0	0.9410	0.9415	0.0005	0.978	0.9777	0.0003
2023-08-29T18:22:08	1	0	79	79	0	0.9396	0.9397	0.0001	0.9983	0.9984	-0.0001
2023-08-30T08:03:03	1	0	43	42	1	0.9503	0.9504	0.0001	0.9545	0.9544	0.0001
2023-08-30T08:13:10	2	0	3	3	0	1.0270	1.0268	-0.0002	-0.9944	-0.9944	0.0000
2023-08-30T08:13:50	1	0	77	73	4	1.0555	1.0554	-0.0001	-0.9252	-0.9248	-0.0004
2023-08-30T08:32:20	2	0	53	52	1	1.0022	1.0011	-0.0010	0.9791	0.9791	0.0000
2023-08-30T08:34:32	3	0	322	321	1	0.8695	0.8695	0.0000	0.8557	0.8553	0.0004
2023-08-30T08:36:23	1	0	8	8	0	0.9399	0.9402	0.0003	-0.9964	-0.9963	-0.0001
2023-08-30T08:55:14	1	0	1	1	0	1.0324	1.0319	-0.0005	-0.9653	-0.9649	-0.0004
2023-08-30T08:58:13	1	0	2	2	0	1.0339	1.0336	-0.0003	-0.9952	-0.9952	0.0000
2023-08-30T09:02:28	2	0	39	38	1	1.0445	1.0445	-0.0001	0.9863	0.9863	0.0000
2023-08-30T09:03:07	1	0	26	26	0	0.9485	0.9485	0.0000	0.9764	0.9763	0.0001
2023-08-30T09:20:03	1	0	28	27	1	1.0344	1.0344	0.0000	0.9999	0.9999	0.0000
2023-08-30T09:27:55	1	0	3	3	0	1.0294	1.0291	-0.0003	0.9928	0.9927	0.0001
2023-08-30T09:29:21	1	0	1	1	0	0.9420	0.9426	0.0006	0.9817	0.9818	-0.0001
2023-08-30T09:32:33	1	0	107	107	0	1.0000	1.0000	0.0000	0.9805	0.9806	-0.0001
2023-08-30T09:40:06	1	0	3	3	0	1.1227	1.1227	0.0000	0.9893	0.9893	0.0000
2023-08-30T09:48:10	1	0	60	60	0	0.9359	0.9359	0.0000	0.9625	0.9625	0.0000
2023-08-30T10:05:23	1	0	15	14	1	1.0185	1.0159	-0.0026	0.9994	0.9994	0.0000

2023-08-30T10:07:27	1	0	12	10	2	0.9459	0.9451	-0.0009	1	1	0.0000
2023-08-30T10:10:08	1	0	3	3	0	1.1447	1.1446	-0.0001	0.9872	0.9871	0.0001
2023-08-30T10:14:09	1	0	59	58	1	1.0546	1.0539	-0.0006	-0.9489	-0.9491	0.0002
2023-08-30T10:18:40	1	0	56	54	2	0.9276	0.9288	0.0011	-1	-1	0.0000
2023-08-30T10:20:37	2	0	17	15	2	1.0148	1.0106	-0.0042	0.9988	0.9988	0.0000
2023-08-30T10:22:59	1	0	98	98	0	0.9119	0.9126	0.0007	0.9968	0.9969	-0.0001
2023-08-30T14:04:11	3	0	84	84	0	0.9250	0.9252	0.0002	0.9974	0.9974	0.0000
2023-08-30T14:19:12	3	0	85	85	0	0.9247	0.9250	0.0002	0.9985	0.9985	0.0000
2023-08-30T14:34:13	3	0	95	94	1	0.9155	0.9157	0.0002	0.9988	0.9988	0.0000
2023-08-30T15:19:16	1	0	99	98	1	0.9134	0.9134	0.0000	0.9965	0.9965	0.0000
2023-08-30T15:35:17	1	0	59	56	3	0.9921	0.9915	-0.0005	0.9977	0.9975	0.0002
2023-08-30T15:50:25	1	0	16	14	2	1.0336	1.0330	-0.0006	0.9979	0.9977	0.0002
2023-08-30T16:13:16	1	0	3	3	0	0.9689	0.9691	0.0002	0.9982	0.9983	-0.0001
2023-08-30T16:20:44	2	0	24	24	0	1.0432	1.0429	-0.0003	0.9971	0.9964	0.0007
2023-08-30T18:36:11	2	0	21	21	0	1.0421	1.0421	0.0000	0.9961	0.9952	0.0009
2023-08-31T08:04:55	1	0	101	101	0	0.9141	0.9141	0.0000	0.8799	0.8799	0.0000
2023-08-31T08:10:42	1	0	14	14	0	0.9450	0.9451	0.0001	0.8831	0.8831	0.0000
2023-08-31T08:18:31	1	0	78	78	0	0.9325	0.9327	0.0001	0.9624	0.9625	-0.0001
2023-08-31T08:20:21	3	0	72	65	7	1.0551	1.0550	-0.0001	-0.9998	-1	0.0002
2023-08-31T08:25:36	1	0	2	2	0	1.0324	1.0323	-0.0001	-0.967	-0.9667	-0.0003
2023-08-31T08:51:45	1	0	18	17	1	0.9392	0.9393	0.0001	-0.9976	-0.9974	-0.0002
2023-08-31T09:02:47	2	0	56	54	2	1.0015	0.9995	-0.0021	0.9467	0.9467	0.0000
2023-08-31T09:05:45	1	0	5	5	0	1.0080	1.0078	-0.0001	0.9659	0.9659	0.0000
2023-08-31T09:09:42	2	0	1	1	0	1.0354	1.0349	-0.0005	-0.9964	-0.9964	0.0000
2023-08-31T09:16:35	1	0	23	22	1	1.0555	1.0554	-0.0001	0.9861	0.9861	0.0000
2023-08-31T09:18:35	1	0	29	28	1	0.9549	0.9555	0.0006	0.9653	0.9653	0.0000
2023-08-31T09:20:25	1	0	49	48	1	1.0542	1.0541	-0.0001	0.9998	0.9997	0.0001
2023-08-31T09:25:49	1	0	1	1	0	1.0298	1.0294	-0.0004	0.9998	0.9998	0.0000
2023-08-31T09:31:29	1	0	6	6	0	1.0309	1.0308	-0.0001	0.9901	0.9899	0.0002
2023-08-31T09:31:48	1	0	4	4	0	1.0392	1.0391	-0.0002	-0.9996	-0.9996	0.0000
2023-08-31T09:35:21	1	0	22	22	0	1.0530	1.0529	-0.0001	0.9768	0.9767	0.0001
2023-08-31T09:35:35	3	0	48	44	4	1.0539	1.0538	-0.0001	0.998	0.997	0.0010
2023-08-31T09:42:35	1	0	2	2	0	1.0453	1.0451	-0.0002	-0.971	-0.9758	0.0048
2023-08-31T09:44:01	1	0	3	3	0	1.0420	1.0418	-0.0002	-0.9881	-0.9883	0.0002
2023-08-31T09:45:41	1	0	1	1	0	0.8479	0.8482	0.0003	0.9903	0.9903	0.0000
2023-08-31T09:47:06	1	0	16	16	0	1.0076	1.0075	-0.0001	0.9911	0.9912	-0.0001
2023-08-31T09:49:57	1	0	2	2	0	1.0369	1.0367	-0.0002	0.9774	0.9775	-0.0001
2023-08-31T09:50:05	2	0	287	287	0	0.8820	0.8823	0.0003	0.861	0.8609	0.0001
2023-08-31T09:50:41	1	0	3	3	0	1.0113	1.0110	-0.0002	0.9993	0.9925	0.0068
2023-08-31T09:53:25	3	0	72	69	3	0.9329	0.9336	0.0007	0.9972	0.9973	-0.0001
2023-08-31T09:55:33	1	0	3	3	0	1.1361	1.1361	0.0000	0.9754	0.9749	0.0005
2023-08-31T09:55:42	2	0	1	1	0	1.0397	1.0394	-0.0003	-0.9766	-0.9764	-0.0002
2023-08-31T09:59:18	2	0	67	61	6	1.0559	1.0555	-0.0004	-0.8974	-0.8983	0.0009
2023-08-31T10:00:42	1	0	1	1	0	0.8457	0.8457	0.0000	0.9886	0.9886	0.0000
2023-08-31T10:01:50	1	0	2	2	0	1.0396	1.0395	-0.0002	-0.9999	-0.9999	0.0000
2023-08-31T10:03:44	1	0	74	72	2	0.9211	0.9214	0.0004	0.9998	0.9998	0.0000
2023-08-31T10:05:06	1	0	2	2	0	1.0263	1.0260	-0.0003	0.9835	0.9835	0.0000
2023-08-31T10:05:09	3	0	464	463	1	0.8680	0.8712	0.0032	0.8439	0.8446	-0.0007
2023-08-31T10:05:42	1	0	5	5	0	1.0106	1.0104	-0.0001	0.9977	0.9974	0.0003
2023-08-31T10:05:46	3	0	10	8	2	1.0468	1.0463	-0.0005	0.9967	0.9966	0.0001
2023-08-31T10:05:49	1	0	4	4	0	1.0018	1.0018	0.0000	0.9662	0.9662	0.0000
2023-08-31T10:06:50	1	0	3	3	0	0.9396	0.9409	0.0013	-0.9954	-0.995	-0.0004
2023-08-31T10:07:41	2	0	1	1	0	1.0355	1.0350	-0.0005	-0.9935	-0.9938	0.0003
2023-08-31T10:08:33	1	0	22	20	2	0.9426	0.9428	0.0002	0.9992	0.9992	0.0000
2023-08-31T10:10:43	1	0	1	1	0	1.0374	1.0352	-0.0022	-0.9829	-0.9831	0.0002
2023-08-31T10:12:19	2	0	2	2	0	0.9988	0.9991	0.0002	-0.9989	-0.9989	0.0000
2023-08-31T10:13:40	1	0	17	17	0	1.0463	1.0462	-0.0001	0.9623	0.962	0.0003
2023-08-31T10:14:11	1	0	3	3	0	1.0451	1.0448	-0.0002	-0.9865	-0.9869	0.0004
2023-08-31T10:15:35	2	0	57	57	0	1.0539	1.0538	-0.0001	-0.9982	-0.9982	0.0000
2023-08-31T10:16:06	1	0	4	4	0	1.0413	1.0410	-0.0003	0.9993	0.9993	0.0000
2023-08-31T10:17:18	1	0	31	28	3	0.9590	0.9608	0.0017	0.9888	0.9888	0.0000
2023-08-31T10:18:05	2	0	183	182	1	0.9306	0.9276	-0.0030	0.9367	0.9368	-0.0001
2023-08-31T10:18:44	3	0	85	84	1	0.9411	0.9413	0.0001	0.9683	0.9692	-0.0009
2023-08-31T10:24:26	1	0	6	6	0	1.0374	1.0372	-0.0002	0.9601	0.9597	0.0004
2023-08-31T10:24:56	1	0	11	11	0	1.0210	1.0210	0.0000	-1	-1	0.0000
2023-08-31T10:25:55	1	0	1	1	0	1.0288	1.0281	-0.0007	0.9995	0.9995	0.0000
2023-08-31T10:25:59	1	0	2	2	0	1.0322	1.0320	-0.0003	-0.9985	-0.9985	0.0000
2023-08-31T10:27:38	1	0	1	0	1	1.0552	null	null	-0.9683	-0.9682	-0.0001
2023-08-31T10:31:33	1	0	5	5	0	1.0264	1.0262	-0.0002	0.9834	0.9828	0.0006
2023-08-31T10:32:26	1	0	11	10	1	0.9866	0.9820	-0.0046	0.9905	0.9904	0.0001
2023-08-31T10:34:01	3	0	6	5	1	1.0541	1.0533	-0.0008	0.9991	0.9991	0.0000
2023-08-31T10:37:53	1	0	1	0	1	0.9449	null	null	0.9995	0.9996	-0.0001
2023-08-31T10:41:45	1	0	13	13	0	0.9603	0.9605	0.0002	0.9669	0.9668	0.0001
2023-08-31T10:45:37	1	0	21	21	0	1.0540	1.0539	-0.0001	-0.9989	-0.9989	0.0000
2023-08-31T10:47:30	1	0	1	0	1	1.0557	null	null	0.9657	0.9655	0.0002
2023-08-31T10:49:11	1	0	5	5	0	1.0454	1.0453	-0.0001	0.999	0.999	0.0000
2023-08-31T10:50:25	1	0	1	1	0	1.0352	1.0346	-0.0006	0.9983	0.9983	0.0000
2023-08-31T10:50:26	1	0	21	20	1	1.0548	1.0548	-0.0001	0.9688	0.9686	0.0002
2023-08-31T10:50:45	2	0	5	5	0	1.0068	1.0060	-0.0007	0.9843	0.9825	0.0018
2023-08-31T10:51:51	1	0	3	3	0	1.0363	1.0358	-0.0006	-0.9997	-0.9999	0.0002
2023-08-31T10:53:27	2	0	151	149	2	1.0567	1.0567	0.0000	-0.9892	-0.9892	0.0000
2023-08-31T10:54:49	2	0	1	0	1	1.0313	null	null	-0.998	-0.9991	0.0011
2023-08-31T10:55:00	1	0	11	11	0	1.0216	1.0216	0.0000	1	1	0.0000
2023-08-31T10:56:58	1	0	1	1	0	1.0563	1.0558	-0.0005	0.9941	0.9938	0.0003
2023-08-31T10:58:09	1	0	6	6	0	1.0454	1.0454	0.0000	0.9609	0.9606	0.0003

2023-08-31T10:58:22	1	0	1	0	1	1.0277	null	null	0.9961	0.9961	0.0000
2023-08-31T10:59:30	1	0	86	80	6	1.0566	1.0564	-0.0002	-0.891	-0.8926	0.0016
2023-08-31T11:00:38	3	0	26	25	1	1.0538	1.0537	-0.0001	-0.9981	-0.9981	0.0000
2023-08-31T11:00:55	1	0	16	15	1	0.9669	0.9604	-0.0065	-0.9497	-0.9494	-0.0003
2023-08-31T11:01:54	1	0	2	2	0	1.0368	1.0366	-0.0003	-0.9999	-1	0.0001
2023-08-31T11:02:31	1	0	1	1	0	1.0579	1.0576	-0.0003	0.9687	0.9686	0.0001
2023-08-31T11:03:28	1	0	4	4	0	0.9447	0.9449	0.0002	0.9601	0.9602	-0.0001
2023-08-31T11:04:11	1	0	1	1	0	1.0568	1.0565	-0.0003	0.9979	0.9979	0.0000
2023-08-31T11:05:27	2	0	7	7	0	1.0479	1.0475	-0.0003	0.9222	0.9215	0.0007
2023-08-31T11:06:09	8	0	5	2	3	1.0503	1.0454	-0.0049	0.9969	0.9963	0.0006
2023-08-31T11:06:18	2	0	4	4	0	1.0540	1.0537	-0.0004	0.8766	0.8708	0.0058
2023-08-31T11:06:55	1	0	3	3	0	1.0441	1.0435	-0.0006	-0.9992	-0.9993	0.0001
2023-08-31T11:10:48	1	0	2	3	-1	1.0267	1.0356	0.0089	0.9944	0.9942	0.0002
2023-08-31T11:12:28	1	0	1	1	0	0.9898	0.9905	0.0007	-0.9999	1	0.0001
2023-08-31T11:14:44	1	0	13	13	0	1.0468	1.0467	-0.0001	0.9967	0.9967	0.0000
2023-08-31T11:16:36	1	0	2	2	0	1.0258	1.0257	-0.0001	0.9809	0.9806	0.0003
2023-08-31T11:19:15	2	0	150	149	1	0.9216	0.9210	-0.0006	0.9637	0.9642	-0.0005
2023-08-31T11:19:51	2	0	3	0	3	1.0493	null	null	0.9918	0.9916	0.0002
2023-08-31T11:20:13	2	0	1	0	1	1.0555	null	null	-0.734	-0.7344	0.0004
2023-08-31T11:20:48	5	0	2	2	0	1.0051	1.0046	-0.0004	0.9974	0.997	0.0004
2023-08-31T11:21:21	8	0	11	9	2	1.0497	1.0495	-0.0002	0.9964	0.9944	0.0020
2023-08-31T11:22:58	1	0	16	13	3	1.0542	1.0540	-0.0001	0.9677	0.9675	0.0002
2023-08-31T11:24:50	1	0	1	0	1	1.0554	null	null	0.9992	0.9979	0.0013
2023-08-31T11:28:11	1	0	5	5	0	1.0479	1.0479	0.0000	0.9719	0.9719	0.0000
2023-08-31T11:29:23	1	0	4	4	0	1.0489	1.0488	-0.0002	-0.9998	-0.9999	0.0001
2023-08-31T11:29:35	2	0	102	97	5	1.0575	1.0573	-0.0002	-0.8993	-0.8997	0.0004
2023-08-31T11:31:37	1	0	2	2	0	1.0241	1.0240	-0.0001	0.9801	0.9799	0.0002
2023-08-31T11:32:33	1	0	96	2	94	0.9003	1.0234	0.1231	0.9644	0.9693	-0.0049
2023-08-31T11:33:44	2	0	98	99	-1	1.0224	1.0225	0.0001	0.9521	0.952	0.0001
2023-08-31T11:37:04	2	0	1	1	0	1.0827	1.0813	-0.0014	-0.9999	-0.9999	0.0000
2023-08-31T11:38:10	4	0	6	6	0	1.0228	1.0226	-0.0003	0.9991	0.999	0.0001
2023-08-31T11:41:38	1	0	7	7	0	1.0625	1.0623	-0.0002	0.9983	0.9982	0.0001
2023-08-31T11:41:43	1	0	1	1	0	1.0387	1.0387	0.0000	-0.9988	-0.9993	0.0005
2023-08-31T11:42:42	3	0	1	1	0	0.9864	0.9865	0.0001	-0.9998	-0.9998	0.0000
2023-08-31T11:43:12	1	0	6	6	0	1.0499	1.0499	0.0000	0.9773	0.9773	0.0000
2023-08-31T11:44:27	1	0	4	4	0	1.0474	1.0473	-0.0001	1	1	0.0000
2023-08-31T11:44:39	1	0	100	96	4	1.0575	1.0574	-0.0001	-0.9018	-0.9017	-0.0001
2023-08-31T11:45:58	1	0	18	18	0	0.9743	0.9742	-0.0001	-0.9379	-0.9377	-0.0002
2023-08-31T11:46:49	2	0	1	0	1	1.0415	null	null	-0.9728	-0.973	0.0002
2023-08-31T11:47:34	1	0	96	96	0	0.8764	0.8798	0.0034	0.9604	0.9502	0.0102
2023-08-31T11:48:44	2	0	133	131	2	0.9999	1.0003	0.0004	0.9425	0.9426	-0.0001
2023-08-31T11:50:29	1	0	2	2	0	1.0613	1.0613	0.0000	0.9999	0.9999	0.0000
2023-08-31T11:50:56	3	0	1	1	0	1.0579	1.0570	-0.0009	-0.9993	-0.9995	0.0002
2023-08-31T11:52:08	2	0	2	2	0	1.0079	1.0074	-0.0005	-0.9999	-0.9999	0.0000
2023-08-31T11:52:58	1	0	2	2	0	1.0458	1.0458	0.0000	-0.9996	-0.9996	0.0000
2023-08-31T11:53:16	1	0	8	8	0	1.0453	1.0451	-0.0002	0.9612	0.9612	0.0000
2023-08-31T11:57:49	2	0	18	17	1	1.0448	1.0442	-0.0007	-0.9995	-0.9994	-0.0001
2023-08-31T11:59:03	2	0	2	2	0	1.0044	1.0041	-0.0004	0.9999	0.9999	0.0000
2023-08-31T12:00:26	1	0	1	1	0	1.0397	1.0397	0.0000	1	-1	0.0000
2023-08-31T12:00:28	1	0	11	10	1	1.0511	1.0505	-0.0006	0.9665	0.9663	0.0002
2023-08-31T12:05:08	1	0	6	6	0	1.0531	1.0519	-0.0012	-0.9771	-0.9771	0.0000
2023-08-31T12:05:34	1	0	7	7	0	1.0462	1.0462	0.0000	0.971	0.9711	-0.0001
2023-08-31T12:06:37	1	0	5	5	0	1.0510	1.0510	-0.0001	-0.9996	-0.9996	0.0000
2023-08-31T12:06:48	2	0	89	89	0	1.0575	1.0575	0.0000	-0.9126	-0.9118	-0.0008
2023-08-31T12:12:50	1	0	11	11	0	1.0499	1.0489	-0.0009	-0.9971	-0.9971	0.0000
2023-08-31T12:12:56	1	0	4	6	-2	1.0295	1.0349	0.0054	0.917	0.9176	-0.0006
2023-08-31T12:13:18	1	0	1	1	0	0.9388	0.9388	0.0000	-0.9999	-1	0.0001
2023-08-31T12:19:29	1	0	374	374	0	0.7785	0.7787	0.0002	0.9896	0.9904	-0.0008
2023-08-31T12:27:42	3	0	2	1	1	1.0558	1.0552	-0.0007	-0.6935	-0.6923	-0.0012
2023-08-31T12:35:36	1	0	5	5	0	1.0483	1.0483	0.0000	0.9599	0.9599	0.0000
2023-08-31T12:38:29	1	0	3	3	0	1.0617	1.0616	0.0000	-0.971	-0.9671	-0.0039
2023-08-31T12:45:27	2	0	3	3	0	0.9645	0.9649	0.0004	0.9588	0.9488	0.0100
2023-08-31T12:45:44	6	0	5	5	0	0.9847	0.9855	0.0008	0.9913	0.9903	0.0010
2023-08-31T12:51:21	3	0	4	4	0	1.0295	1.0289	-0.0006	-0.9969	-0.9969	0.0000
2023-08-31T12:51:57	1	0	60	60	0	1.0544	1.0544	0.0000	-0.9219	-0.9212	-0.0007
2023-08-31T12:56:20	1	0	5	5	0	1.0088	1.0089	0.0001	0.9824	0.9809	0.0015
2023-08-31T12:58:19	3	0	4	4	0	1.0315	1.0312	-0.0003	0.9976	0.9976	0.0000
2023-08-31T12:58:25	1	0	2	2	0	1.0508	1.0505	-0.0003	-0.9997	-0.9992	-0.0005
2023-08-31T12:59:21	1	0	3	3	0	0.9816	0.9819	0.0003	-0.9996	-0.9996	0.0000
2023-08-31T13:00:10	1	0	2	2	0	0.9898	0.9897	-0.0001	-0.9993	-0.9993	0.0000
2023-08-31T13:04:32	2	0	606	606	0	0.8139	0.8139	0.0000	0.999	0.9991	-0.0001
2023-08-31T13:09:08	1	0	7	7	0	1.0282	1.0282	0.0000	0.9795	0.9791	0.0004
2023-08-31T13:15:12	1	0	1	1	0	0.9204	0.9204	0.0000	-0.9999	-0.9998	-0.0001
2023-08-31T13:26:22	1	0	4	4	0	1.0407	1.0407	0.0000	0.988	0.9878	0.0002
2023-08-31T13:29:23	1	0	2	2	0	1.0067	1.0063	-0.0004	-0.9994	-0.9995	0.0001
2023-08-31T13:30:47	1	0	10	10	0	1.0255	1.0255	0.0000	0.9997	0.9997	0.0000
2023-08-31T13:34:34	1	0	90	89	1	0.9163	0.9161	-0.0002	-0.9978	-0.9977	-0.0001
2023-08-31T13:37:02	1	0	125	124	1	1.0591	1.0588	-0.0003	-0.9202	-0.9203	0.0001
2023-08-31T13:40:04	1	0	1	1	0	1.0566	1.0551	-0.0015	0.9596	0.9592	0.0004
2023-08-31T13:42:27	2	0	4	4	0	1.0480	1.0480	0.0000	0.9999	0.9999	0.0000
2023-08-31T13:42:47	2	0	4	4	0	1.0515	1.0514	-0.0001	-0.7319	-0.7313	-0.0006
2023-08-31T13:43:25	1	0	3	3	0	1.0254	1.0253	-0.0001	-1	1	0.0000
2023-08-31T13:43:28	1	0	2	3	-1	1.0511	1.0491	-0.0020	-1	-0.9998	-0.0002
2023-08-31T14:03:35	1	0	4	5	-1	1.0065	0.9941	-0.0123	0.9999	0.9999	0.0000
2023-08-31T14:06:02	1	0	1	1	0	1.0091	1.0088	-0.0003	-0.9933	-0.9932	-0.0001

2023-08-31T14:06:26	3	0	6	6	0	1.0338	1.0329	-0.0009	-0.9965	-0.9962	-0.0003
2023-08-31T14:06:55	1	0	5	5	0	1.0545	1.0542	-0.0002	0.9999	0.9999	0.0000
2023-08-31T14:07:07	1	0	90	86	4	1.0565	1.0562	-0.0002	-0.9241	-0.9242	0.0001
2023-08-31T14:07:23	1	0	7	7	0	1.0472	1.0472	0.0000	0.9957	0.9957	0.0000
2023-08-31T14:07:31	1	0	6	6	0	0.9408	0.9412	0.0005	0.9807	0.9808	-0.0001
2023-08-31T14:08:15	3	0	3	3	0	1.0511	1.0508	-0.0003	0.998	0.998	0.0000
2023-08-31T14:10:06	1	0	1	1	0	1.0594	1.0593	-0.0001	0.9604	0.9604	0.0000
2023-08-31T14:12:52	1	0	2	2	0	1.0246	1.0245	-0.0001	0.974	0.971	0.0030
2023-08-31T14:13:30	1	0	1	1	0	1.0328	1.0327	-0.0001	0.9999	-1	-0.0001
2023-08-31T14:13:31	3	0	1	1	0	1.0551	1.0550	-0.0001	0.9997	0.9997	0.0000
2023-08-31T14:13:35	2	0	4	4	0	1.0555	1.0555	-0.0001	0.8541	0.8529	0.0012
2023-08-31T14:14:19	1	0	2	2	0	0.9418	0.9421	0.0003	0.8021	0.8028	-0.0007
2023-08-31T14:18:36	1	0	13	13	0	0.9620	0.9620	0.0001	0.9999	0.9999	0.0000
2023-08-31T14:21:03	1	0	1	1	0	1.0022	1.0021	-0.0001	-0.9906	-0.9905	-0.0001
2023-08-31T14:22:00	1	0	5	5	0	1.0507	1.0504	-0.0003	0.9999	0.9999	0.0000
2023-08-31T14:22:10	1	0	72	71	1	1.0552	1.0548	-0.0004	-0.9375	-0.9377	0.0002
2023-08-31T14:25:36	2	0	65	64	1	0.9925	0.9914	-0.0011	0.9473	0.9473	0.0000
2023-08-31T14:26:04	1	0	1	1	0	0.9432	0.9432	0.0000	0.9572	0.9579	-0.0007
2023-08-31T14:26:35	1	0	2	2	0	1.0609	1.0606	-0.0003	0.9937	0.9861	0.0076
2023-08-31T14:27:48	5	0	487	481	6	0.8703	0.8703	0.0000	0.846	0.8386	0.0074
2023-08-31T14:27:59	1	0	2	2	0	1.0249	1.0247	-0.0003	0.9757	0.9728	0.0029
2023-08-31T14:28:05	3	0	7	7	0	0.9981	0.9980	-0.0001	0.9186	0.9183	0.0003
2023-08-31T14:28:10	7	0	1	1	0	0.9445	0.9449	0.0004	0.9961	0.9949	0.0012
2023-08-31T14:28:30	3	0	3	3	0	1.0219	1.0214	-0.0005	0.9994	0.9993	0.0001
2023-08-31T14:28:40	2	0	3	3	0	1.0549	1.0546	-0.0003	0.8763	0.8737	0.0026
2023-08-31T14:29:20	2	0	2	2	0	0.9421	0.9425	0.0003	0.8009	0.8016	-0.0007
2023-08-31T14:29:39	1	0	3	3	0	0.9808	0.9804	-0.0004	-0.9999	-0.9999	0.0000
2023-08-31T14:30:34	2	0	1	1	0	1.0233	1.0233	0.0000	0.9619	0.9617	0.0002
2023-08-31T14:33:05	1	0	3	3	0	1.0269	1.0256	-0.0013	0.9946	0.9955	-0.0009
2023-08-31T14:33:13	3	0	346	346	0	0.8738	0.8740	0.0002	0.9741	0.9746	-0.0005
2023-08-31T14:33:23	1	0	7	6	1	0.9438	0.9446	0.0008	0.9712	0.9714	-0.0002
2023-08-31T14:33:37	1	0	12	12	0	0.9635	0.9636	0.0001	0.9998	0.9998	0.0000
2023-08-31T14:35:00	3	0	3	3	0	0.9739	0.9743	0.0004	-1	-1	0.0000
2023-08-31T14:35:40	1	0	6	6	0	1.0476	1.0475	-0.0001	-0.9999	-0.9999	0.0000
2023-08-31T14:35:46	1	0	2	2	0	0.9924	0.9931	0.0008	0.9948	0.9937	0.0011
2023-08-31T14:36:01	1	0	1	0	1	1.0260	null	null	0.9934	0.9934	0.0000
2023-08-31T14:36:04	1	0	1	1	0	1.0036	1.0032	-0.0004	-0.9912	-0.9911	-0.0001
2023-08-31T14:36:28	3	0	5	5	0	1.0417	1.0386	-0.0031	-0.9974	-0.9972	-0.0002
2023-08-31T14:37:04	1	0	4	4	0	1.0477	1.0475	-0.0002	-1	-1	0.0000
2023-08-31T14:37:12	1	0	89	84	5	1.0562	1.0557	-0.0005	-0.9251	-0.9254	0.0003
2023-08-31T14:37:33	1	0	1	0	1	0.9446	null	null	0.9822	0.9822	0.0000
2023-08-31T14:38:37	1	0	52	52	0	0.9575	0.9575	0.0000	-0.9647	-0.9651	0.0004
2023-08-31T14:39:49	1	0	30	30	0	0.9712	0.9712	0.0000	0.9801	0.9797	0.0004
2023-08-31T14:40:37	2	0	73	71	2	1.0262	1.0280	0.0018	0.9501	0.9502	-0.0001
2023-08-31T14:42:33	2	0	2	1	1	1.0457	1.0452	-0.0005	0.9988	0.9986	0.0002
2023-08-31T14:43:06	3	0	11	10	1	0.9785	0.9781	-0.0004	0.9123	0.9125	-0.0002
2023-08-31T14:43:10	1	0	2	2	0	1.0263	1.0260	-0.0003	0.9735	0.9677	0.0058
2023-08-31T14:43:11	4	0	3	3	0	1.0105	1.0104	-0.0001	0.9951	0.9951	0.0000
2023-08-31T14:43:48	2	0	3	3	0	1.0572	1.0569	-0.0002	0.9171	0.9152	0.0019
2023-08-31T14:44:21	2	0	2	2	0	0.9427	0.9428	0.0001	0.8111	0.8111	0.0000
2023-08-31T14:44:45	1	0	6	6	0	0.9650	0.9647	-0.0003	1	1	0.0000
2023-08-31T14:46:03	5	0	5	5	0	1.0211	1.0208	-0.0003	0.9995	0.9995	0.0000
2023-08-31T14:50:45	1	0	7	7	0	1.0263	1.0262	0.0000	0.9623	0.9622	0.0001
2023-08-31T14:51:29	1	0	4	4	0	1.0333	1.0322	-0.0011	-0.9977	-0.9978	0.0001
2023-08-31T14:52:34	1	0	1	1	0	0.9378	0.9387	0.0009	0.9821	0.9822	-0.0001
2023-08-31T14:53:11	1	0	2	2	0	0.9421	0.9428	0.0006	0.9987	0.9987	0.0000
2023-08-31T14:57:55	4	0	320	320	0	0.8614	0.8615	0.0000	0.8556	0.8558	-0.0002
2023-08-31T14:58:01	1	0	8	8	0	1.0498	1.0498	-0.0001	-1	-1	0.0000
2023-08-31T14:58:35	3	0	3	3	0	1.0259	1.0253	-0.0006	0.9986	0.9983	0.0003
2023-08-31T15:04:40	3	0	484	474	10	0.8103	0.8105	0.0003	0.9979	0.9979	0.0000
2023-08-31T15:05:23	1	0	4	4	0	1.0476	1.0473	-0.0003	-0.9891	-0.984	-0.0051
2023-08-31T15:11:07	1	0	3	3	0	0.9536	0.9536	0.0000	0.9533	0.9533	0.0000
2023-08-31T15:15:37	2	0	2	2	0	0.9778	0.9781	0.0003	0.9651	0.9647	0.0004
2023-08-31T15:18:40	1	0	7	7	0	0.9907	0.9906	-0.0001	1	1	0.0000
2023-08-31T15:18:51	1	0	18	16	2	0.9445	0.9450	0.0005	0.9726	0.9727	-0.0001
2023-08-31T15:28:02	1	0	274	273	1	0.8909	0.8910	0.0001	0.8571	0.8566	0.0005
2023-08-31T15:28:09	1	0	7	7	0	1.0412	1.0412	0.0000	0.9506	0.9506	0.0000
2023-08-31T15:41:48	1	0	11	10	1	1.0427	1.0440	0.0013	0.9952	0.9951	0.0001
2023-08-31T15:43:06	1	0	345	337	8	0.8557	0.8558	0.0000	0.8504	0.8428	0.0076
2023-08-31T15:43:36	1	0	1	1	0	1.0343	1.0342	-0.0001	-0.9984	-0.9974	-0.0010
2023-08-31T15:48:01	1	0	21	19	2	0.9449	0.9454	0.0005	0.9976	0.9977	-0.0001
2023-08-31T15:50:06	1	0	18	13	5	0.9694	0.9598	-0.0095	0.9935	0.9938	-0.0003
2023-08-31T15:58:28	1	0	9	9	0	1.0103	1.0104	0.0001	0.9949	0.9937	0.0012
2023-08-31T16:02:57	1	0	2	2	0	0.9428	0.9437	0.0009	0.9927	0.9926	0.0001
2023-08-31T16:05:21	2	0	18	18	0	0.9329	0.9329	0.0000	0.9962	0.9961	0.0001
2023-08-31T16:08:38	1	0	1	1	0	1.0246	1.0242	-0.0004	-0.9981	-0.9983	0.0002
2023-08-31T16:13:12	1	0	37	37	0	0.9454	0.9454	0.0000	0.9237	0.9231	0.0006
2023-08-31T16:18:24	1	0	4	4	0	1.1075	1.1073	-0.0002	0.992	0.9919	0.0001
2023-08-31T16:21:08	1	0	2	2	0	1.0307	1.0304	-0.0003	0.9944	0.9944	0.0000
2023-08-31T16:37:41	1	0	5	5	0	0.9421	0.9421	0.0000	0.9806	0.9807	-0.0001
2023-08-31T16:48:05	1	0	9	9	0	0.9447	0.9448	0.0001	0.9977	0.9978	-0.0001
2023-08-31T16:58:23	1	0	332	332	0	0.8119	0.8119	0.0000	0.8532	0.8529	0.0003
2023-08-31T17:31:14	2	0	10	10	0	0.9909	0.9912	0.0003	0.9877	0.9866	0.0011
2023-08-31T17:32:35	1	0	9	9	0	1.0367	1.0367	0.0000	-0.998	-0.998	0.0000
2023-09-01T07:54:39	1	0	41	41	0	0.9332	0.9332	0.0001	0.8371	0.8375	-0.0004

2023-09-01T07:59:55	1	0	13	12	1	0.9211	0.9192	-0.0019	0.9788	0.9795	-0.0007
2023-09-01T08:04:02	1	0	84	83	1	1.0568	1.0568	0.0000	-0.8728	-0.8722	-0.0006
2023-09-01T08:08:26	1	0	7	7	0	0.9882	0.9884	0.0002	0.9778	0.9774	0.0004
2023-09-01T08:09:40	1	0	21	19	2	1.0516	1.0510	-0.0006	-0.99	-0.9902	0.0002
2023-09-01T08:24:41	1	0	44	44	0	0.9320	0.9324	0.0004	0.8262	0.8268	-0.0006
2023-09-01T08:39:42	1	0	97	92	5	1.0572	1.0570	-0.0002	-0.9901	-0.9907	0.0006
2023-09-01T08:41:42	1	0	1	1	0	0.9416	0.9419	0.0003	-0.9995	-0.9995	0.0000
2023-09-01T08:44:58	1	0	50	48	2	0.9197	0.9198	0.0001	0.9803	0.9808	-0.0005
2023-09-01T08:45:36	1	0	1	1	0	1.0346	1.0342	-0.0004	-0.9742	-0.9738	-0.0004
2023-09-01T08:48:36	2	0	1	1	0	1.0353	1.0346	-0.0007	0.9997	0.9997	0.0000
2023-09-01T08:51:30	1	0	39	38	1	1.0572	1.0571	-0.0001	0.9959	0.9961	-0.0002
2023-09-01T09:01:46	1	0	209	209	0	0.8563	0.8564	0.0001	0.9785	0.9793	-0.0008
2023-09-01T09:06:38	1	0	41	41	0	1.0586	1.0584	-0.0002	0.9943	0.9943	0.0000
2023-09-01T09:08:30	1	0	26	25	1	0.9589	0.9589	0.0000	0.981	0.981	0.0000
2023-09-01T09:10:43	1	0	9	9	0	1.0118	1.0118	-0.0001	0.9688	0.9688	0.0000
2023-09-01T09:25:41	1	0	10	10	0	1.0489	1.0487	-0.0002	-0.998	-0.9969	-0.0011
2023-09-01T09:32:38	1	0	2	2	0	1.0286	1.0284	-0.0002	0.9993	0.9992	0.0001
2023-09-01T09:33:57	1	0	4	4	0	1.0408	1.0407	-0.0001	-0.971	-0.9715	0.0005
2023-09-01T09:37:22	1	0	3	2	1	1.0335	1.0263	-0.0072	0.9935	0.9929	0.0006
2023-09-01T09:40:24	5	0	7	7	0	1.0338	1.0333	-0.0005	0.9951	0.9948	0.0003
2023-09-01T09:40:39	1	0	2	2	0	1.0070	1.0068	-0.0002	0.9998	0.9998	0.0000
2023-09-01T09:40:42	1	0	37	35	2	1.0539	1.0537	-0.0002	-0.9978	-0.9967	-0.0011
2023-09-01T09:45:28	1	0	5	5	0	1.0957	1.0957	0.0000	0.9838	0.9838	0.0000
2023-09-01T09:50:40	1	0	1	1	0	0.8444	0.8448	0.0004	0.9957	0.9957	0.0000
2023-09-01T09:50:41	3	0	2	2	0	1.0534	1.0511	-0.0023	0.9513	0.9486	0.0027
2023-09-01T09:52:48	2	0	71	67	4	1.0356	1.0351	-0.0005	0.9585	0.9584	0.0001
2023-09-01T09:54:56	1	0	4	4	0	1.0238	1.0236	-0.0002	0.9791	0.9792	-0.0001
2023-09-01T09:55:19	2	0	16	14	2	1.0461	1.0461	0.0000	0.9752	0.975	0.0002
2023-09-01T09:58:24	3	0	1	1	0	0.9792	0.9800	0.0008	0.9901	0.9904	-0.0003
2023-09-01T10:00:16	1	0	10	10	0	0.9408	0.9408	0.0001	0.9865	0.9866	-0.0001
2023-09-01T10:00:29	1	0	3	3	0	1.1456	1.1456	0.0000	0.9824	0.9824	0.0000
2023-09-01T10:04:03	1	0	4	4	0	1.0398	1.0397	-0.0002	-0.9756	-0.9762	0.0006
2023-09-01T10:04:20	1	0	57	53	4	1.0532	1.0526	-0.0006	-0.8997	-0.9013	0.0016
2023-09-01T10:05:41	1	0	1	1	0	0.8339	0.8343	0.0004	0.9954	0.9954	0.0000
2023-09-01T10:07:01	2	0	20	17	3	0.9593	0.9621	0.0028	0.9745	0.9745	0.0000
2023-09-01T10:07:49	2	0	81	78	3	1.0327	1.0325	-0.0003	0.9564	0.9564	0.0000
2023-09-01T10:08:34	2	0	78	77	1	0.9419	0.9423	0.0004	0.9762	0.9766	-0.0004
2023-09-01T10:08:46	1	0	39	38	1	0.9366	0.9370	0.0004	0.9972	0.9973	-0.0001
2023-09-01T10:08:54	1	0	1	1	0	0.9417	0.9425	0.0008	-0.9994	-0.9994	0.0000
2023-09-01T10:10:01	1	0	10	10	0	0.9463	0.9462	-0.0001	0.8989	0.8965	0.0024
2023-09-01T10:10:07	1	0	3	3	0	1.0326	1.0324	-0.0003	0.9802	0.9802	0.0000
2023-09-01T10:10:34	3	0	1	1	0	1.0437	1.0426	-0.0011	0.9962	0.9961	0.0001
2023-09-01T10:10:41	2	0	1	1	0	1.0102	1.0093	-0.0009	0.9985	0.9901	0.0084
2023-09-01T10:11:48	1	0	1	1	0	0.9416	0.9429	0.0013	-0.9984	-0.9981	-0.0003
2023-09-01T10:12:38	2	0	2	2	0	1.0379	1.0374	-0.0006	-0.9874	-0.9877	0.0003
2023-09-01T10:14:54	1	0	7	7	0	1.0221	1.0220	0.0000	-0.9999	-0.9999	0.0000
2023-09-01T10:15:25	1	0	1	1	0	1.0569	1.0553	-0.0016	0.9972	0.9971	0.0001
2023-09-01T10:17:17	2	0	2	2	0	0.9963	0.9964	0.0002	-0.9978	-0.9978	0.0000
2023-09-01T10:17:41	1	0	1	1	0	1.0251	1.0245	-0.0006	0.9997	0.9996	0.0001
2023-09-01T10:18:40	1	0	7	7	0	1.0442	1.0442	0.0000	0.9646	0.9642	0.0004
2023-09-01T10:21:04	1	0	3	3	0	1.0334	1.0330	-0.0004	0.9999	0.9999	0.0000
2023-09-01T10:21:38	1	0	5	5	0	1.0295	1.0293	-0.0001	0.9836	0.9833	0.0003
2023-09-01T10:22:02	1	0	43	42	1	0.9534	0.9534	0.0000	0.9769	0.9771	-0.0002
2023-09-01T10:24:00	3	0	6	6	0	1.0495	1.0492	-0.0003	0.9946	0.9938	0.0008
2023-09-01T10:25:44	2	0	2	2	0	1.0044	1.0038	-0.0006	0.9987	0.9984	0.0003
2023-09-01T10:25:48	1	0	6	6	0	1.0063	1.0061	-0.0002	0.9659	0.9658	0.0001
2023-09-01T10:25:48	1	0	2	2	0	1.0360	1.0358	-0.0003	-0.9986	-0.9986	0.0000
2023-09-01T10:29:23	1	0	9	9	0	1.0332	1.0331	-0.0001	0.9617	0.9614	0.0003
2023-09-01T10:32:18	1	0	2	2	0	0.9994	0.9996	0.0002	-0.9972	-0.9971	-0.0001
2023-09-01T10:34:27	1	0	48	45	3	1.0522	1.0518	-0.0005	-0.8995	-0.9008	0.0013
2023-09-01T10:38:36	3	0	84	83	1	0.9401	0.9404	0.0003	0.9726	0.9724	0.0002
2023-09-01T10:38:48	1	0	53	53	0	0.9285	0.9290	0.0005	0.996	0.9959	0.0001
2023-09-01T10:39:01	1	0	9	10	-1	1.0479	1.0486	0.0007	0.9934	0.9933	0.0001
2023-09-01T10:40:06	1	0	35	35	0	0.9260	0.9261	0.0001	0.8894	0.8896	-0.0002
2023-09-01T10:40:18	1	0	2	2	0	1.0375	1.0372	-0.0003	-0.9968	-0.9968	0.0000
2023-09-01T10:41:17	2	0	3	3	0	1.0536	1.0531	-0.0005	0.9279	0.9241	0.0038
2023-09-01T10:49:41	1	0	1	1	0	1.0344	1.0335	-0.0009	0.9928	0.9927	0.0001
2023-09-01T10:55:23	3	0	14	14	0	1.0408	1.0405	-0.0003	0.9685	0.9678	0.0007
2023-09-01T10:55:37	3	0	2	2	0	1.0356	1.0349	-0.0007	0.9944	0.9942	0.0002
2023-09-01T10:55:49	1	0	2	2	0	1.0070	1.0067	-0.0003	0.9972	0.9969	0.0003
2023-09-01T10:59:25	1	0	11	11	0	1.0338	1.0338	-0.0001	0.9658	0.9656	0.0002
2023-09-01T10:59:57	1	0	7	7	0	1.0226	1.0225	-0.0001	-0.9999	-0.9999	0.0000
2023-09-01T11:01:43	1	0	1	0	1	1.0550	null	null	0.9953	0.9953	0.0000
2023-09-01T11:01:51	1	0	7	7	0	0.9779	0.9779	0.0000	0.9682	0.9681	0.0001
2023-09-01T11:03:02	2	0	43	42	1	1.0521	1.0520	-0.0001	0.9984	0.9984	0.0000
2023-09-01T11:03:45	3	0	2	2	0	1.0315	1.0289	-0.0026	0.9996	0.9995	0.0001
2023-09-01T11:04:36	2	0	158	150	8	1.0593	1.0589	-0.0005	-0.9098	-0.9125	0.0027
2023-09-01T11:04:42	1	0	32	31	1	1.0480	1.0478	-0.0002	0.9993	0.9994	-0.0001
2023-09-01T11:05:53	3	0	18	18	0	1.0520	1.0512	-0.0008	-0.96	-0.9607	0.0007
2023-09-01T11:07:28	1	0	1	1	0	1.0578	1.0567	-0.0011	0.9883	0.9881	0.0002
2023-09-01T11:16:44	1	0	1	0	1	1.0553	null	null	0.9932	0.993	0.0002
2023-09-01T11:18:24	1	0	3	3	0	1.0199	1.0196	-0.0003	-0.9802	-0.9803	0.0001
2023-09-01T11:21:42	1	0	1	1	0	1.0349	1.0349	0.0000	0.9786	0.9783	0.0003
2023-09-01T11:24:04	1	0	4	4	0	1.0519	1.0517	-0.0002	0.9938	0.9938	0.0000
2023-09-01T11:25:39	3	0	27	24	3	1.0530	1.0527	-0.0003	0.9965	0.996	0.0005

2023-09-01T11:25:57	5	0	1	1	0	1.0091	1.0089	-0.0002	0.9971	0.9971	0.0000
2023-09-01T11:30:43	1	0	39	39	0	0.9247	0.9248	0.0001	0.9826	0.9828	-0.0002
2023-09-01T11:31:43	2	0	3	3	0	1.0471	1.0459	-0.0012	0.9927	0.9911	0.0016
2023-09-01T11:31:45	1	0	1	1	0	1.0584	1.0582	-0.0002	0.994	0.9938	0.0002
2023-09-01T11:32:46	3	0	2	2	0	0.9990	0.9991	0.0001	-0.9983	-0.9983	0.0000
2023-09-01T11:33:05	1	0	5	5	0	1.0413	1.0413	0.0000	0.9897	0.9897	0.0000
2023-09-01T11:33:36	1	0	4	4	0	1.0176	1.0175	-0.0001	-0.9858	-0.9858	0.0000
2023-09-01T11:33:47	3	0	1	1	0	1.0334	1.0333	-0.0001	0.9998	0.9998	0.0000
2023-09-01T11:34:36	1	0	6	6	0	1.0483	1.0482	-0.0002	-0.991	-0.9913	0.0003
2023-09-01T11:34:41	2	0	227	220	7	1.0600	1.0597	-0.0002	-0.908	-0.9092	0.0012
2023-09-01T11:34:58	1	0	2	2	0	1.0466	1.0459	-0.0008	0.9846	0.9845	0.0001
2023-09-01T11:36:43	1	0	4	4	0	1.0351	1.0351	0.0000	0.982	0.9818	0.0002
2023-09-01T11:36:53	1	0	1	0	1	1.0246	null	null	0.9994	0.9989	0.0005
2023-09-01T11:37:38	1	0	1	1	0	1.0552	1.0550	-0.0002	0.9932	0.9932	0.0000
2023-09-01T11:39:00	1	0	2	2	0	1.0285	1.0285	0.0000	-0.9987	-0.9987	0.0000
2023-09-01T11:40:09	2	0	1	1	0	1.0567	1.0559	-0.0008	-0.7033	-0.7043	0.0010
2023-09-01T11:40:22	1	0	1	1	0	1.0461	1.0461	0.0000	-0.9946	-0.9946	0.0000
2023-09-01T11:41:05	1	0	3	3	0	1.0135	1.0134	-0.0001	0.9706	0.9676	0.0030
2023-09-01T11:41:39	1	0	2	2	0	1.0327	1.0326	-0.0001	-0.9996	-0.9995	-0.0001
2023-09-01T11:41:42	2	0	5	5	0	1.0577	1.0577	0.0000	0.704	0.7018	0.0022
2023-09-01T11:45:47	1	0	5	5	0	0.9310	0.9311	0.0000	0.9907	0.9908	-0.0001
2023-09-01T11:45:48	1	0	1	1	0	1.0281	1.0275	-0.0006	-0.973	-0.9801	0.0071
2023-09-01T11:46:54	2	0	3	3	0	1.0488	1.0482	-0.0007	0.9909	0.9891	0.0018
2023-09-01T11:48:06	1	0	6	6	0	1.0370	1.0370	0.0000	0.9864	0.9864	0.0000
2023-09-01T11:48:48	3	0	2	3	-1	1.0462	1.0499	0.0036	0.9999	0.9999	0.0000
2023-09-01T11:48:54	1	0	3	3	0	1.0242	1.0242	0.0000	-0.9875	-0.9875	0.0000
2023-09-01T11:49:43	1	0	5	5	0	1.0554	1.0552	-0.0001	-0.9901	-0.9902	0.0001
2023-09-01T11:49:45	2	0	172	166	6	1.0595	1.0593	-0.0001	-0.9045	-0.9053	0.0008
2023-09-01T11:51:45	1	0	2	2	0	1.0635	1.0632	-0.0003	0.973	0.9718	0.0012
2023-09-01T11:51:49	2	0	1	0	1	1.0555	null	null	-0.99	-0.99	0.0000
2023-09-01T11:52:31	1	0	96	4	92	0.8941	1.0350	0.1409	0.9796	0.9806	-0.0010
2023-09-01T11:55:21	2	0	7	7	0	1.0263	1.0262	0.0000	0.9141	0.9271	-0.0130
2023-09-01T11:56:01	4	0	1	1	0	1.0096	1.0089	-0.0007	-0.9994	0.9974	0.0032
2023-09-01T11:56:49	2	0	4	4	0	1.0579	1.0579	0.0000	0.6198	0.6202	-0.0004
2023-09-01T12:02:06	2	0	5	5	0	1.0424	1.0419	-0.0005	0.9961	0.996	0.0001
2023-09-01T12:03:07	1	0	6	6	0	1.0388	1.0388	0.0000	0.9867	0.9867	0.0000
2023-09-01T12:04:48	1	0	6	6	0	1.0488	1.0488	-0.0001	-0.9912	-0.9912	0.0000
2023-09-01T12:04:48	2	0	122	124	-2	1.0584	1.0584	0.0000	-0.9119	-0.9124	0.0005
2023-09-01T12:07:30	1	0	19	18	1	1.0524	1.0523	-0.0001	0.9624	0.9624	0.0000
2023-09-01T12:07:32	1	0	96	96	0	0.9010	0.9024	0.0014	0.9752	0.9754	-0.0002
2023-09-01T12:08:50	1	0	54	52	2	0.9553	0.9556	0.0002	0.9802	0.9802	0.0000
2023-09-01T12:10:23	5	0	347	346	1	0.8465	0.8466	0.0001	0.8181	0.8177	0.0004
2023-09-01T12:10:55	1	0	4	4	0	0.9983	0.9983	0.0000	0.9609	0.9612	-0.0003
2023-09-01T12:11:17	1	0	3	3	0	1.0258	1.0258	-0.0001	0.9692	0.9747	-0.0055
2023-09-01T12:24:03	1	0	2	3	-1	0.9387	0.9403	0.0016	0.9992	0.9992	0.0000
2023-09-01T12:25:25	1	0	1	1	0	1.0456	1.0456	0.0000	-0.9957	-0.9956	-0.0001
2023-09-01T12:26:04	2	0	3	3	0	1.0233	1.0224	-0.0009	-0.9997	-0.9998	0.0001
2023-09-01T12:26:54	2	0	6	6	0	1.0575	1.0574	-0.0001	0.5855	0.5862	-0.0007
2023-09-01T12:36:50	1	0	2	2	0	1.0630	1.0630	0.0000	0.9744	0.9744	0.0000
2023-09-01T12:53:53	1	0	4	4	0	1.0182	1.0182	0.0000	0.9803	0.9802	0.0001
2023-09-01T12:55:58	1	0	6	6	0	1.0041	1.0040	-0.0001	0.9616	0.9615	0.0001
2023-09-01T12:56:52	1	0	1	1	0	1.0344	1.0343	-0.0001	-0.9998	-1	0.0002
2023-09-01T12:58:00	1	0	1	1	0	0.9440	0.9446	0.0006	-1	-1	0.0000
2023-09-01T13:00:15	1	0	158	155	3	1.0652	1.0651	-0.0001	0.9848	0.9837	0.0011
2023-09-01T13:00:41	2	0	351	350	1	0.8793	0.8795	0.0002	0.9628	0.9636	-0.0008
2023-09-01T13:00:53	2	0	2	2	0	1.0313	1.0293	-0.0019	-0.9781	-0.9794	0.0013
2023-09-01T13:00:56	1	0	35	35	0	0.9339	0.9339	0.0000	0.9854	0.9854	0.0000
2023-09-01T13:02:57	1	0	5	5	0	1.0201	1.0200	-0.0001	0.9906	0.9905	0.0001
2023-09-01T13:03:53	3	0	6	6	0	1.0421	1.0415	-0.0006	1	0.9997	0.0003
2023-09-01T13:10:59	1	0	5	6	-1	1.0084	1.0082	-0.0001	0.9606	0.9609	-0.0003
2023-09-01T13:11:09	3	0	2	3	-1	1.0202	1.0200	-0.0003	0.9999	0.9999	0.0000
2023-09-01T13:13:01	1	0	3	3	0	1.0460	1.0460	0.0000	-0.9997	-0.9997	0.0000
2023-09-01T13:15:57	2	0	1	0	1	1.0394	null	null	-0.9747	-0.981	0.0063
2023-09-01T13:18:01	3	0	2	3	-1	0.9885	0.9738	-0.0147	-0.9999	-0.9999	0.0000
2023-09-01T13:25:18	2	0	1	1	0	1.0556	1.0555	-0.0001	-0.7307	-0.7289	-0.0018
2023-09-01T13:30:58	1	0	3	3	0	1.0002	0.9995	-0.0007	0.9908	0.9905	0.0003
2023-09-01T13:35:24	1	0	1	1	0	1.0571	1.0568	-0.0003	0.9899	0.9899	0.0000
2023-09-01T13:41:52	1	0	3	3	0	1.0449	1.0447	-0.0002	0.9994	0.9993	0.0001
2023-09-01T13:45:26	1	0	116	115	1	1.0599	1.0587	-0.0013	0.9792	0.9788	0.0004
2023-09-01T13:45:59	1	0	1	1	0	1.0228	1.0223	-0.0005	-0.9805	-0.9798	-0.0007
2023-09-01T13:46:02	1	0	4	4	0	0.9475	0.9480	0.0005	0.9878	0.988	-0.0002
2023-09-01T14:05:02	1	0	5	5	0	1.0506	1.0504	-0.0002	-0.9994	-0.9994	0.0000
2023-09-01T14:05:08	2	0	114	112	2	1.0582	1.0579	-0.0003	-0.9234	-0.9255	0.0021
2023-09-01T14:06:09	3	0	2	2	0	1.0630	1.0630	0.0000	-0.9498	-0.9541	0.0043
2023-09-01T14:06:58	2	0	1	1	0	1.0558	1.0554	-0.0004	-0.9858	-0.9858	0.0000
2023-09-01T14:07:36	2	0	14	12	2	0.9572	0.9595	0.0023	0.9736	0.9736	0.0000
2023-09-01T14:10:33	1	0	3	3	0	1.0063	1.0057	-0.0006	0.9078	0.9055	0.0023
2023-09-01T14:11:03	1	0	5	5	0	1.0058	1.0057	-0.0001	0.9614	0.9614	0.0000
2023-09-01T14:11:15	3	0	2	2	0	1.0214	1.0208	-0.0007	-1	1	0.0000
2023-09-01T14:11:33	1	0	3	3	0	1.0255	1.0254	-0.0002	0.9769	0.981	-0.0041
2023-09-01T14:12:06	3	0	6	6	0	1.0513	1.0511	-0.0003	0.9999	0.9999	0.0000
2023-09-01T14:14:59	1	0	2	1	1	1.0563	1.0560	-0.0003	-1	0.9999	0.0001
2023-09-01T14:15:58	1	0	19	14	5	0.9430	0.9433	0.0003	0.9947	0.9963	-0.0016
2023-09-01T14:16:01	2	0	1	1	0	1.0374	1.0353	-0.0021	-0.9786	-0.9786	0.0000
2023-09-01T14:16:06	1	0	5	5	0	0.9797	0.9799	0.0002	0.9896	0.9897	-0.0001

2023-09-01T14:16:11	1	0	1	1	0	0.9410	0.9412	0.0002	0.9941	0.9942	-0.0001
2023-09-01T14:17:08	3	0	620	618	2	0.7710	0.7711	0.0001	0.9786	0.9786	0.0000
2023-09-01T14:18:10	3	0	2	2	0	0.9878	0.9882	0.0003	-1	-1	0.0000
2023-09-01T14:18:20	1	0	9	9	0	1.0162	1.0162	0.0000	0.9957	0.9957	0.0000
2023-09-01T14:18:58	3	0	4	3	1	1.0329	1.0404	0.0075	0.9996	0.9996	0.0000
2023-09-01T14:19:36	1	0	2	2	0	1.0030	1.0028	-0.0002	-0.9902	-0.9902	0.0000
2023-09-01T14:19:58	1	0	3	3	0	1.0208	1.0196	-0.0012	0.989	0.9905	-0.0015
2023-09-01T14:20:07	1	0	4	4	0	1.0490	1.0488	-0.0002	-0.9994	-0.9995	0.0001
2023-09-01T14:20:12	2	0	120	118	2	1.0589	1.0585	-0.0004	-0.9245	-0.9259	0.0014
2023-09-01T14:22:04	1	0	1	1	0	1.0418	1.0410	-0.0008	-0.9994	-0.9998	0.0004
2023-09-01T14:22:21	1	0	3	3	0	1.0318	1.0315	-0.0004	0.9998	0.9998	0.0000
2023-09-01T14:22:37	2	0	11	11	0	0.9928	0.9928	0.0000	0.9733	0.9732	0.0001
2023-09-01T14:25:00	2	0	4	4	0	1.0481	1.0474	-0.0007	0.9951	0.9949	0.0002
2023-09-01T14:25:37	5	0	356	351	5	0.8293	0.8141	-0.0152	0.8185	0.8187	-0.0002
2023-09-01T14:25:58	14	0	13	13	0	1.0408	1.0399	-0.0008	0.9945	0.9941	0.0004
2023-09-01T14:26:04	1	0	5	5	0	1.0013	1.0012	0.0000	0.9739	0.974	-0.0001
2023-09-01T14:26:43	1	0	1	1	0	1.0426	1.0420	-0.0006	0.9805	0.978	0.0025
2023-09-01T14:27:21	2	0	4	4	0	1.0551	1.0548	-0.0003	0.8847	0.8816	0.0031
2023-09-01T14:29:07	2	0	2	1	1	1.0505	1.0555	0.0050	-0.9981	-0.9981	0.0000
2023-09-01T14:30:07	1	0	1	0	1	1.0552	null	null	-1	0.9998	0.0002
2023-09-01T14:31:02	1	0	1	1	0	1.0309	1.0296	-0.0013	-0.9761	-0.982	0.0059
2023-09-01T14:31:17	1	0	1	1	0	0.9423	0.9427	0.0004	0.9949	0.9949	0.0000
2023-09-01T14:33:28	1	0	7	7	0	1.0036	1.0036	0.0000	0.9956	0.9955	0.0001
2023-09-01T14:33:59	3	0	5	5	0	1.0363	1.0358	-0.0005	0.9995	0.9995	0.0000
2023-09-01T14:34:53	1	0	1	1	0	1.0068	1.0064	-0.0004	-0.9915	-0.9914	-0.0001
2023-09-01T14:35:14	1	0	4	4	0	1.0490	1.0486	-0.0004	-0.9993	-0.9994	0.0001
2023-09-01T14:35:16	1	0	116	110	6	1.0582	1.0577	-0.0004	-0.9249	-0.9263	0.0014
2023-09-01T14:35:29	1	0	12	12	0	0.9582	0.9580	-0.0003	0.99	0.9898	0.0002
2023-09-01T14:36:17	1	0	11	11	0	1.0510	1.0508	-0.0002	-0.9384	-0.9336	-0.0048
2023-09-01T14:37:32	1	0	3	3	0	1.0340	1.0336	-0.0004	0.9998	0.9998	0.0000
2023-09-01T14:37:38	2	0	14	14	0	0.9914	0.9914	0.0000	0.9727	0.9726	0.0001
2023-09-01T14:37:42	1	0	1	0	1	1.0559	null	null	0.9547	0.9494	0.0053
2023-09-01T14:40:03	2	0	4	4	0	1.0496	1.0491	-0.0005	0.9999	0.9999	0.0000
2023-09-01T14:40:38	1	0	37	37	0	0.9331	0.9331	0.0000	0.9139	0.9135	0.0004
2023-09-01T14:40:42	4	0	58	58	0	0.9227	0.9228	0.0000	0.8651	0.8648	0.0003
2023-09-01T14:41:05	1	0	5	5	0	1.0016	1.0015	0.0000	0.9713	0.9714	-0.0001
2023-09-01T14:41:10	4	0	2	2	0	0.9952	0.9951	-0.0001	0.9948	0.9948	0.0000
2023-09-01T14:41:19	3	0	2	2	0	1.0220	1.0214	-0.0007	0.9995	0.9993	0.0002
2023-09-01T14:41:53	1	0	1	1	0	1.0476	1.0470	-0.0006	0.9745	0.9769	-0.0024
2023-09-01T14:41:59	1	0	1	1	0	1.0415	1.0413	-0.0002	1	-0.9998	-0.0002
2023-09-01T14:42:29	2	0	3	3	0	1.0532	1.0529	-0.0003	0.8981	0.8965	0.0016
2023-09-01T14:42:52	1	0	6	6	0	1.0549	1.0543	-0.0005	-0.992	-0.9921	0.0001
2023-09-01T14:43:05	2	0	1	1	0	0.9771	0.9785	0.0014	0.9617	0.9619	-0.0002
2023-09-01T14:43:33	4	0	10	10	0	1.0140	1.0137	-0.0003	0.9965	0.9958	0.0007
2023-09-01T14:45:26	1	0	1	0	1	1.0553	null	null	-1	-1	0.0000
2023-09-01T14:46:03	1	0	1	0	1	1.0336	null	null	-0.9753	-0.9756	0.0003
2023-09-01T14:46:07	1	0	2	2	0	0.9400	0.9407	0.0007	0.9948	0.9936	0.0012
2023-09-01T14:46:58	1	0	2	2	0	1.0597	1.0595	-0.0002	0.9947	0.9937	0.0010
2023-09-01T14:49:00	1	0	4	4	0	1.0317	1.0306	-0.0011	0.9996	0.9995	0.0001
2023-09-01T14:50:04	1	0	6	5	1	0.9417	0.9427	0.0009	0.9826	0.9827	-0.0001
2023-09-01T14:52:06	1	0	2	2	0	1.0401	1.0399	-0.0002	-1	-1	0.0000
2023-09-01T14:52:43	1	0	4	4	0	0.9984	0.9983	-0.0001	0.9692	0.9691	0.0001
2023-09-01T14:53:11	1	0	5	5	0	1.0503	1.0499	-0.0004	0.9958	0.9957	0.0001
2023-09-01T14:57:16	1	0	3	3	0	1.0445	1.0443	-0.0002	0.9996	0.9996	0.0000
2023-09-01T14:58:34	1	0	8	8	0	1.0265	1.0264	-0.0001	-0.9998	-0.9998	0.0000
2023-09-01T14:59:09	1	0	9	9	0	1.0479	1.0478	-0.0001	-0.9983	-0.9984	0.0001
2023-09-01T15:03:30	1	0	7	7	0	1.0033	1.0031	-0.0001	0.996	0.9959	0.0001
2023-09-01T15:05:05	1	0	1	1	0	0.9413	0.9424	0.0011	0.9829	0.983	-0.0001
2023-09-01T15:11:23	2	0	2	2	0	1.0182	1.0170	-0.0012	0.989	0.9983	-0.0093
2023-09-01T15:11:58	2	0	5	5	0	0.9448	0.9450	0.0001	0.8027	0.8039	-0.0012
2023-09-01T15:16:05	2	0	1	1	0	1.0324	1.0308	-0.0016	-0.9827	-0.9828	0.0001
2023-09-01T15:16:17	1	0	13	11	2	0.9462	0.9470	0.0008	0.9945	0.9946	-0.0001
2023-09-01T15:19:42	1	0	5	5	0	1.0390	1.0390	-0.0001	0.9989	0.9989	0.0000
2023-09-01T15:28:08	1	0	2	2	0	0.9750	0.9751	0.0001	0.9621	0.962	0.0001
2023-09-01T15:35:48	1	0	1	0	1	0.9448	null	null	-0.9995	-0.9995	0.0000
2023-09-01T15:40:51	2	0	548	539	9	0.8625	0.8625	0.0000	0.8136	0.8058	0.0078
2023-09-01T15:48:37	1	0	4	4	0	1.0310	1.0306	-0.0004	0.9905	0.9905	0.0000
2023-09-01T15:52:08	1	0	3	3	0	1.0135	1.0123	-0.0012	0.9938	0.9938	0.0000
2023-09-01T15:54:15	1	0	36	35	1	0.9357	0.9358	0.0000	1	1	0.0000
2023-09-01T15:54:23	1	0	3	3	0	0.9943	0.9945	0.0002	0.9985	0.9985	0.0000
2023-09-01T15:56:18	1	0	13	13	0	1.0213	1.0214	0.0000	0.9948	0.9948	0.0000
2023-09-01T16:00:45	1	0	11	10	1	1.0466	1.0457	-0.0009	0.9996	0.9996	0.0000
2023-09-01T16:02:02	1	0	3	3	0	0.9726	0.9724	-0.0001	0.9903	0.9897	0.0006
2023-09-01T16:03:24	2	0	1	1	0	1.0021	1.0022	0.0001	-0.9979	-0.9979	0.0000
2023-09-01T16:10:13	1	0	17	17	0	1.0516	1.0516	-0.0001	0.9883	0.9873	0.0010
2023-09-01T16:24:32	1	0	11	11	0	0.9545	0.9544	-0.0001	0.9999	0.9999	0.0000
2023-09-01T16:39:26	1	0	28	28	0	0.9481	0.9483	0.0001	0.9961	0.9961	0.0000
2023-09-01T17:58:46	1	0	11	10	1	1.0088	1.0152	0.0064	0.9948	0.994	0.0008
2023-09-02T08:00:52	1	0	86	86	0	1.0502	1.0502	0.0000	-0.8144	-0.8146	0.0002
2023-09-02T08:16:40	1	0	79	79	0	1.0591	1.0590	-0.0001	-0.9944	-0.9942	-0.0002
2023-09-02T08:18:34	1	0	126	125	1	0.9339	0.9340	0.0001	0.9565	0.9565	0.0000
2023-09-02T08:55:45	1	0	1	1	0	1.0348	1.0337	-0.0011	-0.9122	-0.9117	-0.0005
2023-09-02T09:05:52	1	0	5	5	0	1.0000	0.9999	-0.0001	0.9774	0.9775	-0.0001
2023-09-02T09:15:48	3	0	37	29	8	1.0578	1.0572	-0.0006	0.9903	0.9699	0.0204
2023-09-02T09:18:51	1	0	65	65	0	1.0559	1.0558	-0.0001	0.9414	0.9347	0.0067

2023-09-02T09:20:26	1	0	8	8	0	1.0465	1.0464	-0.0001	0.9715	0.9714	0.0001
2023-09-02T09:25:14	1	0	6	6	0	0.9407	0.9409	0.0002	0.9911	0.9912	-0.0001
2023-09-02T09:25:36	1	0	136	136	0	0.9433	0.9434	0.0001	0.985	0.985	0.0000
2023-09-02T09:27:44	1	0	1	1	0	1.0261	1.0258	-0.0003	0.9996	0.9996	0.0000
2023-09-02T09:28:24	1	0	2	2	0	1.0256	1.0254	-0.0002	0.995	0.995	0.0000
2023-09-02T09:29:06	1	0	2	2	0	1.0349	1.0347	-0.0003	-0.9706	-0.9709	0.0003
2023-09-02T09:29:52	1	0	1	1	0	0.9442	0.9448	0.0006	0.9563	0.9568	-0.0005
2023-09-02T09:35:04	1	0	4	4	0	0.9741	0.9741	0.0000	0.9875	0.9878	-0.0003
2023-09-02T09:35:11	1	0	5	5	0	0.9970	0.9968	-0.0003	0.9459	0.9448	0.0011
2023-09-02T09:41:46	1	0	12	12	0	0.9532	0.9531	-0.0001	0.9931	0.9928	0.0003
2023-09-02T09:44:20	1	0	38	35	3	1.0499	1.0493	-0.0006	-0.9093	-0.9106	0.0013
2023-09-02T09:45:48	1	0	1	1	0	0.8251	0.8254	0.0003	0.9949	0.9948	0.0001
2023-09-02T09:45:59	1	0	69	69	0	1.0501	1.0501	0.0000	-0.8539	-0.8529	-0.0010
2023-09-02T09:46:56	1	0	1	1	0	1.0373	1.0369	-0.0004	-0.991	-0.9911	0.0001
2023-09-02T09:47:31	1	0	2	2	0	1.0243	1.0240	-0.0004	0.9971	0.9971	0.0000
2023-09-02T09:50:34	4	0	24	21	3	1.0511	1.0502	-0.0008	-0.9957	-0.9958	0.0001
2023-09-02T09:50:49	1	0	2	2	0	1.0069	1.0067	-0.0002	-1	1	0.0000
2023-09-02T09:52:57	1	0	49	49	0	0.9425	0.9427	0.0002	-0.9754	-0.9752	-0.0002
2023-09-02T09:55:38	1	0	9	9	0	1.0806	1.0806	0.0000	0.9826	0.9824	0.0002
2023-09-02T09:59:22	1	0	34	34	0	1.0493	1.0491	-0.0002	-0.9029	-0.9043	0.0014
2023-09-02T09:59:54	1	0	8	8	0	0.9437	0.9437	0.0000	0.9754	0.9761	-0.0007
2023-09-02T10:00:49	1	0	1	1	0	0.8168	0.8168	0.0000	0.9941	0.994	0.0001
2023-09-02T10:00:51	3	0	55	51	4	1.0583	1.0579	-0.0004	0.9887	0.9983	-0.0096
2023-09-02T10:01:57	1	0	1	1	0	1.0391	1.0386	-0.0005	-0.9934	-0.9935	0.0001
2023-09-02T10:03:41	2	0	133	132	1	0.9387	0.9430	0.0043	0.9546	0.9556	-0.0010
2023-09-02T10:04:27	1	0	4	4	0	0.9583	0.9586	0.0003	0.9903	0.9903	0.0000
2023-09-02T10:05:06	1	0	3	3	0	0.9663	0.9664	0.0002	0.9852	0.9852	0.0000
2023-09-02T10:05:13	1	0	3	3	0	1.0393	1.0389	-0.0004	0.9833	0.9833	0.0000
2023-09-02T10:05:29	2	0	9	9	0	1.0514	1.0507	-0.0007	0.9667	0.9664	0.0003
2023-09-02T10:05:44	3	0	12	8	4	1.0464	1.0460	-0.0004	-0.9974	-0.9975	0.0001
2023-09-02T10:05:56	1	0	6	6	0	0.9932	0.9931	-0.0001	0.9722	0.9722	0.0000
2023-09-02T10:09:30	1	0	13	13	0	1.0320	1.0319	0.0000	0.9621	0.9618	0.0003
2023-09-02T10:10:03	1	0	8	8	0	1.0237	1.0236	0.0000	-0.9972	-0.9972	0.0000
2023-09-02T10:10:37	1	0	2	0	2	1.0558	null	null	-0.9996	-0.9996	0.0000
2023-09-02T10:10:50	2	0	2	2	0	1.0254	1.0245	-0.0009	-0.9398	-0.94	0.0002
2023-09-02T10:12:47	1	0	1	1	0	1.0272	1.0267	-0.0005	0.9992	0.9992	0.0000
2023-09-02T10:14:20	1	0	3	3	0	1.0409	1.0407	-0.0003	-0.9786	-0.9791	0.0005
2023-09-02T10:16:13	1	0	1	1	0	1.0259	1.0253	-0.0006	-0.9978	-0.9978	0.0000
2023-09-02T10:17:12	1	0	33	32	1	0.9459	0.9463	0.0003	0.9837	0.9841	-0.0004
2023-09-02T10:17:33	1	0	2	2	0	1.0195	1.0190	-0.0006	0.9964	0.9963	0.0001
2023-09-02T10:19:06	3	0	3	3	0	1.0443	1.0440	-0.0003	-0.9999	-0.9999	0.0000
2023-09-02T10:20:17	5	0	10	9	1	1.0483	1.0482	-0.0001	-0.7663	-0.7687	0.0024
2023-09-02T10:20:51	2	0	2	2	0	1.0040	1.0034	-0.0006	0.9991	0.9987	0.0004
2023-09-02T10:21:22	2	0	1	1	0	1.0426	1.0410	-0.0016	0.9757	0.9757	0.0000
2023-09-02T10:32:00	1	0	16	16	0	1.0547	1.0546	-0.0001	1	1	0.0000
2023-09-02T10:35:32	1	0	8	8	0	1.0511	1.0511	0.0000	0.9636	0.9634	0.0002
2023-09-02T10:35:46	4	0	21	18	3	1.0505	1.0504	-0.0001	-0.9976	-0.9978	0.0002
2023-09-02T10:35:53	1	0	1	1	0	1.0255	1.0252	-0.0003	0.9999	-1	-0.0001
2023-09-02T10:35:55	1	0	3	3	0	1.0228	1.0222	-0.0006	-0.9983	-0.9985	0.0002
2023-09-02T10:41:54	1	0	77	77	0	0.9456	0.9456	0.0000	0.9737	0.9736	0.0001
2023-09-02T10:43:53	1	0	1	1	0	1.0565	1.0558	-0.0007	0.9937	0.9936	0.0001
2023-09-02T10:44:30	1	0	4	4	0	1.0447	1.0447	-0.0001	-0.981	-0.9811	0.0001
2023-09-02T10:45:38	4	0	1	1	0	1.0421	1.0413	-0.0008	-0.9856	-0.9858	0.0002
2023-09-02T10:48:51	1	0	135	128	7	0.9400	0.9319	-0.0080	0.9503	0.9497	0.0006
2023-09-02T10:49:09	1	0	6	6	0	1.0451	1.0450	-0.0001	-0.9999	-0.9999	0.0000
2023-09-02T10:55:06	1	0	7	7	0	1.0075	1.0074	0.0000	-0.999	-0.999	0.0000
2023-09-02T10:55:58	1	0	2	2	0	1.0313	1.0302	-0.0011	-0.9617	-0.9596	-0.0021
2023-09-02T10:58:11	1	0	9	9	0	0.9977	0.9976	0.0000	0.9473	0.9471	0.0002
2023-09-02T10:58:52	2	0	3	3	0	1.0384	1.0378	-0.0006	0.9948	0.9947	0.0001
2023-09-02T11:05:22	1	0	14	14	0	0.9664	0.9661	-0.0003	0.9493	0.9486	0.0007
2023-09-02T11:06:18	2	0	5	5	0	1.0448	1.0444	-0.0004	0.9858	0.9831	0.0027
2023-09-02T11:09:34	1	0	6	6	0	1.0353	1.0351	-0.0002	0.9643	0.9639	0.0004
2023-09-02T11:11:52	1	0	3	3	0	0.9738	0.9736	-0.0002	0.9933	0.9926	0.0007
2023-09-02T11:16:35	1	0	3	3	0	1.0352	1.0346	-0.0006	0.9889	0.9885	0.0004
2023-09-02T11:16:35	1	0	2	2	0	1.0282	1.0276	-0.0006	-0.9926	-0.9926	0.0000
2023-09-02T11:17:15	1	0	20	19	1	1.0585	1.0587	0.0002	0.994	-0.9995	-0.0065
2023-09-02T11:19:14	2	0	5	4	1	1.0492	1.0473	-0.0019	-0.9986	-0.9986	0.0000
2023-09-02T11:20:25	2	0	261	260	1	0.8823	0.8828	0.0005	0.9218	0.9132	0.0086
2023-09-02T11:21:03	4	0	3	3	0	1.0197	1.0195	-0.0003	-0.9995	-0.9995	0.0000
2023-09-02T11:21:52	2	0	4	4	0	0.9426	0.9429	0.0003	0.856	0.8573	-0.0013
2023-09-02T11:21:58	1	0	6	6	0	1.0557	1.0552	-0.0006	-0.9957	-0.9986	0.0029
2023-09-02T11:22:46	1	0	12	11	1	1.0509	1.0513	0.0005	-0.9844	-0.9846	0.0002
2023-09-02T11:24:47	1	0	4	4	0	1.0546	1.0539	-0.0007	0.9979	0.9972	0.0007
2023-09-02T11:25:24	1	0	5	5	0	0.9417	0.9419	0.0002	0.9899	0.9902	-0.0003
2023-09-02T11:28:13	1	0	5	5	0	1.0489	1.0489	0.0000	0.9826	0.9826	0.0000
2023-09-02T11:28:17	2	0	30	29	1	1.0505	1.0503	-0.0002	0.9997	0.9997	0.0000
2023-09-02T11:29:38	1	0	14	9	5	1.0547	1.0527	-0.0020	-0.9295	-0.9297	0.0002
2023-09-02T11:29:41	1	0	5	5	0	1.0539	1.0537	-0.0002	-0.9808	-0.9811	0.0003
2023-09-02T11:31:46	1	0	1	1	0	1.0245	1.0241	-0.0004	-0.9954	-0.9964	0.0010
2023-09-02T11:32:38	1	0	96	1	95	0.8830	1.0187	0.1357	0.9943	0.9943	0.0000
2023-09-02T11:33:56	2	0	2	2	0	1.0510	1.0502	-0.0008	-0.977	-0.9776	0.0006
2023-09-02T11:34:28	6	0	3	3	0	1.0505	1.0504	-0.0001	-0.9997	-0.9997	0.0000
2023-09-02T11:35:13	1	0	3	3	0	0.9522	0.9524	0.0002	0.998	0.9981	-0.0001
2023-09-02T11:35:20	1	0	5	5	0	0.9779	0.9777	-0.0001	0.9747	0.9754	-0.0007
2023-09-02T11:36:02	1	0	1	1	0	1.0374	1.0370	-0.0004	0.9829	0.975	0.0079

2023-09-02T11:36:07	5	0	2	2	0	1.0189	1.0188	-0.0001	0.9995	0.9996	-0.0001
2023-09-02T11:36:25	2	0	5	5	0	1.0351	1.0351	-0.0001	0.9532	0.952	0.0012
2023-09-02T11:36:36	12	0	17	16	1	1.0527	1.0523	-0.0004	-0.9986	-0.9993	0.0007
2023-09-02T11:38:09	2	0	11	10	1	0.9558	0.9550	-0.0009	0.9402	0.9272	0.0130
2023-09-02T11:39:51	1	0	4	4	0	1.0539	1.0537	-0.0002	0.9971	0.9967	0.0004
2023-09-02T11:41:42	1	0	2	2	0	1.0660	1.0648	-0.0012	1	1	0.0000
2023-09-02T11:42:08	2	0	95	95	0	0.8983	0.8990	0.0006	-0.9756	-0.974	-0.0016
2023-09-02T11:44:26	1	0	25	24	1	1.0483	1.0480	-0.0003	0.9996	0.9996	0.0000
2023-09-02T11:44:41	1	0	5	5	0	1.0510	1.0497	-0.0013	-0.934	-0.9355	0.0015
2023-09-02T11:44:45	1	0	5	5	0	1.0523	1.0521	-0.0002	-0.9892	-0.9893	0.0001
2023-09-02T11:46:59	1	0	2	2	0	1.0267	1.0265	-0.0002	-0.9962	-0.9962	0.0000
2023-09-02T11:47:17	1	0	16	16	0	1.0514	1.0514	0.0000	0.9992	0.9992	0.0000
2023-09-02T11:47:39	1	0	96	94	2	0.9043	0.9065	0.0022	0.9984	0.9985	-0.0001
2023-09-02T11:50:21	1	0	3	3	0	0.9582	0.9580	-0.0001	0.972	0.972	0.0000
2023-09-02T11:51:12	1	0	2	2	0	1.0373	1.0371	-0.0002	0.9753	0.9724	0.0029
2023-09-02T11:51:31	2	0	6	6	0	1.0192	1.0192	0.0000	0.8919	0.8914	0.0005
2023-09-02T11:52:03	1	0	3	3	0	1.0559	1.0556	-0.0003	-0.9979	-0.9979	0.0000
2023-09-02T11:52:48	1	0	9	10	-1	1.0498	1.0494	-0.0004	-0.9845	-0.9844	-0.0001
2023-09-02T11:53:10	2	0	11	11	0	0.9522	0.9527	0.0005	0.9404	0.9276	0.0128
2023-09-02T11:54:56	1	0	4	4	0	1.0540	1.0539	-0.0001	0.9974	0.9972	0.0002
2023-09-02T11:57:11	1	0	3	3	0	1.0300	1.0291	-0.0010	1	1	0.0000
2023-09-02T11:59:44	1	0	4	4	0	1.0521	1.0509	-0.0012	-0.9389	-0.9383	-0.0006
2023-09-02T11:59:49	1	0	4	4	0	1.0478	1.0477	-0.0001	-0.9967	-0.9967	0.0000
2023-09-02T12:02:18	1	0	12	12	0	1.0508	1.0508	0.0000	0.9982	0.9982	0.0000
2023-09-02T12:02:40	1	0	96	96	0	0.8829	0.8837	0.0008	0.9979	0.9939	0.0040
2023-09-02T12:03:17	2	0	21	19	2	1.0530	1.0523	-0.0007	0.9546	0.9545	0.0001
2023-09-02T12:04:04	1	0	1	1	0	0.9403	0.9404	0.0001	-0.9798	-0.9795	-0.0003
2023-09-02T12:05:24	1	0	3	3	0	0.9524	0.9524	0.0000	0.9971	0.9971	0.0000
2023-09-02T12:07:06	1	0	1	1	0	1.0703	1.0696	-0.0007	-0.9983	-0.9983	0.0000
2023-09-02T12:12:11	2	0	412	411	1	0.7834	0.7836	0.0001	-0.998	-0.9978	-0.0002
2023-09-02T12:12:39	1	0	3	3	0	1.0300	1.0292	-0.0008	0.9993	0.9993	0.0000
2023-09-02T12:21:14	5	0	2	3	-1	1.0187	1.0278	0.0091	0.9998	0.9998	0.0000
2023-09-02T12:23:12	1	0	12	12	0	0.9535	0.9539	0.0004	0.9649	0.9546	0.0103
2023-09-02T12:26:04	2	0	1	1	0	1.0304	1.0278	-0.0026	-0.9638	-0.964	0.0002
2023-09-02T12:36:39	2	0	6	7	-1	1.0167	1.0222	0.0056	0.85	0.8515	-0.0015
2023-09-02T12:51:17	3	0	2	2	0	1.0169	1.0161	-0.0008	0.9902	0.9988	-0.0086
2023-09-02T12:53:11	1	0	11	10	1	1.0458	1.0448	-0.0010	0.9738	0.9738	0.0000
2023-09-02T13:00:01	1	0	23	22	1	1.0476	1.0477	0.0000	0.9973	0.9975	-0.0002
2023-09-02T13:12:15	1	0	4	4	0	0.9312	0.9313	0.0001	-0.9675	-0.9657	-0.0018
2023-09-02T13:17:45	1	0	98	98	0	0.9059	0.9059	0.0000	0.9968	0.9983	-0.0015
2023-09-02T13:20:05	1	0	11	10	1	1.0513	1.0507	-0.0005	1	1	0.0000
2023-09-02T13:23:29	1	0	5	5	0	0.9716	0.9722	0.0007	0.9994	0.9991	0.0003
2023-09-02T13:30:03	1	0	9	10	-1	1.0469	1.0467	-0.0001	0.9973	0.9972	0.0001
2023-09-02T13:40:06	1	0	4	4	0	1.0511	1.0510	-0.0001	0.9944	0.9942	0.0002
2023-09-02T13:44:56	1	0	4	3	1	1.0546	1.0518	-0.0028	-0.9629	-0.9622	-0.0007
2023-09-02T13:46:44	1	0	2	2	0	0.9366	0.9369	0.0003	-0.9982	-0.9982	0.0000
2023-09-02T13:47:47	1	0	3	3	0	0.9816	0.9813	-0.0003	0.9939	0.9938	0.0001
2023-09-02T13:48:29	2	0	27	26	1	1.0491	1.0487	-0.0004	0.9614	0.9613	0.0001
2023-09-02T14:06:59	8	0	2	2	0	0.9404	0.9409	0.0005	0.9999	0.9999	0.0000
2023-09-02T14:07:03	2	0	1	1	0	0.9317	0.9318	0.0001	0.9159	0.9155	0.0004
2023-09-02T14:08:19	1	0	3	3	0	0.9731	0.9731	0.0000	0.9597	0.9596	0.0001
2023-09-02T14:12:04	1	0	10	10	0	0.9395	0.9395	0.0000	0.9946	0.9947	-0.0001
2023-09-02T14:15:08	1	0	4	4	0	1.0473	1.0471	-0.0002	-0.9983	-0.9985	0.0002
2023-09-02T14:15:19	1	0	1	1	0	1.0374	1.0372	-0.0002	-0.9975	-0.9962	-0.0013
2023-09-02T14:15:53	5	0	1	1	0	0.9832	0.9836	0.0004	-0.9999	-0.9999	0.0000
2023-09-02T14:16:46	1	0	2	2	0	0.9330	0.9332	0.0002	-0.9993	-0.9992	-0.0001
2023-09-02T14:17:35	2	0	13	13	0	0.9825	0.9824	-0.0001	0.9969	0.9968	0.0001
2023-09-02T14:17:49	1	0	1	1	0	1.0560	1.0557	-0.0003	0.9928	0.9928	0.0000
2023-09-02T14:19:15	2	0	1	1	0	0.9304	0.9307	0.0003	-0.9921	-0.9921	0.0000
2023-09-02T14:20:10	2	0	4	4	0	1.0502	1.0496	-0.0006	0.9996	0.9919	0.0077
2023-09-02T14:20:31	1	0	4	4	0	0.9434	0.9434	0.0000	0.9675	0.9676	-0.0001
2023-09-02T14:20:43	1	0	4	4	0	0.9607	0.9609	0.0002	0.9994	0.9994	0.0000
2023-09-02T14:21:17	1	0	8	8	0	1.0163	1.0163	0.0000	0.9929	0.993	-0.0001
2023-09-02T14:21:38	1	0	1	1	0	1.0439	1.0433	-0.0006	0.9731	0.968	0.0051
2023-09-02T14:22:02	1	0	4	4	0	1.0497	1.0493	-0.0004	0.9997	0.9996	0.0001
2023-09-02T14:25:13	1	0	10	6	4	1.0577	1.0560	-0.0018	0.9882	0.9866	0.0016
2023-09-02T14:25:41	1	0	46	46	0	0.9301	0.9301	0.0000	0.9828	0.9829	-0.0001
2023-09-02T14:27:05	1	0	1	1	0	1.0611	1.0606	-0.0005	0.9999	0.9999	0.0000
2023-09-02T14:30:13	1	0	4	4	0	1.0455	1.0454	-0.0002	-0.9993	-0.9994	0.0001
2023-09-02T14:30:54	1	0	1	1	0	0.9836	0.9837	0.0001	-0.9995	-0.9995	0.0000
2023-09-02T14:31:47	1	0	2	2	0	0.9327	0.9328	0.0001	-0.9999	-0.9999	0.0000
2023-09-02T14:31:49	1	0	1	0	1	1.0323	null	null	0.9872	0.9873	-0.0001
2023-09-02T14:32:05	4	0	1	1	0	1.0348	1.0335	-0.0013	-0.9924	-0.9935	0.0011
2023-09-02T14:32:42	2	0	17	17	0	0.9758	0.9758	0.0000	0.996	0.9959	0.0001
2023-09-02T14:32:50	1	0	3	3	0	0.9800	0.9799	-0.0001	0.9921	0.9921	0.0000
2023-09-02T14:34:12	1	0	2	2	0	0.9359	0.9362	0.0003	0.9923	0.9925	-0.0002
2023-09-02T14:34:16	2	0	3	3	0	0.9374	0.9375	0.0001	-0.9942	-0.9942	0.0000
2023-09-02T14:34:51	3	0	1	1	0	1.0364	1.0363	-0.0001	0.9979	0.9979	0.0000
2023-09-02T14:35:14	2	0	4	4	0	1.0496	1.0491	-0.0005	0.9992	0.9901	0.0091
2023-09-02T14:35:32	1	0	4	5	-1	0.9428	0.9433	0.0005	0.9643	0.9644	-0.0001
2023-09-02T14:35:34	1	0	1	1	0	1.0473	1.0470	-0.0003	-0.8067	-0.8065	-0.0002
2023-09-02T14:35:48	2	0	8	8	0	1.0344	1.0341	-0.0004	0.9781	0.9778	0.0003
2023-09-02T14:35:51	1	0	5	5	0	0.9548	0.9550	0.0002	0.9989	0.9988	0.0001
2023-09-02T14:36:48	1	0	1	1	0	1.0404	1.0398	-0.0006	0.9769	0.9768	0.0001
2023-09-02T14:37:05	2	0	2	2	0	0.9367	0.9369	0.0001	0.912	0.9123	-0.0003

2023-09-02T14:37:10	1	0	5	5	0	1.0321	1.0319	-0.0002	0.9858	0.9851	0.0007
2023-09-02T14:37:40	1	0	5	5	0	0.9605	0.9602	-0.0003	-0.9997	-0.9997	0.0000
2023-09-02T14:38:21	2	0	3	3	0	0.9707	0.9709	0.0002	0.959	0.959	0.0000
2023-09-02T14:40:17	1	0	8	7	1	0.9671	1.0454	0.0783	0.9895	0.9981	-0.0086
2023-09-02T14:42:06	1	0	1	1	0	1.0589	1.0589	0.0000	0.9998	0.9998	0.0000
2023-09-02T14:43:52	1	0	3	3	0	0.9593	0.9590	-0.0003	-0.9961	-0.996	-0.0001
2023-09-02T14:45:02	1	0	5	3	2	1.0542	1.0512	-0.0030	-0.9678	-0.9675	-0.0003
2023-09-02T14:45:06	1	0	5	5	0	0.8906	0.8907	0.0001	0.9948	0.9948	0.0000
2023-09-02T14:45:15	1	0	52	52	0	0.9407	0.9408	0.0000	0.9757	0.9759	-0.0002
2023-09-02T14:45:19	1	0	4	4	0	1.0483	1.0481	-0.0002	-0.9994	-0.9995	0.0001
2023-09-02T14:45:21	1	0	1	1	0	1.0339	1.0337	-0.0002	-0.9962	-0.9933	-0.0029
2023-09-02T14:45:55	2	0	4	4	0	0.9799	0.9800	0.0001	1	1	0.0000
2023-09-02T14:46:52	1	0	1	0	1	1.0297	null	null	0.9869	0.9867	0.0002
2023-09-02T14:50:49	1	0	133	127	6	1.0715	1.0709	-0.0007	0.9943	0.9944	-0.0001
2023-09-02T14:57:08	4	0	17	16	1	0.9379	0.9369	-0.0010	0.9939	0.9939	0.0000
2023-09-02T14:57:26	1	0	1	0	1	0.9448	null	null	0.9741	0.9741	0.0000
2023-09-02T15:01:55	1	0	3	3	0	1.0309	1.0305	-0.0003	0.9854	0.9852	0.0002
2023-09-02T15:02:25	4	0	1	1	0	0.9431	0.9441	0.0010	0.9999	0.9999	0.0000
2023-09-02T15:08:01	1	0	11	11	0	1.0508	1.0507	0.0000	-0.9945	-0.9945	0.0000
2023-09-02T15:11:39	1	0	2	2	0	0.9389	0.9393	0.0004	0.9588	0.959	-0.0002
2023-09-02T15:13:42	1	0	69	69	0	0.9354	0.9361	0.0007	0.9964	0.9965	-0.0001
2023-09-02T15:19:54	1	0	1	1	0	1.0319	1.0318	-0.0001	1	1	0.0000
2023-09-02T15:22:19	1	0	1	0	1	0.9450	null	null	0.9999	1	-0.0001
2023-09-02T15:27:11	5	0	16	15	1	0.9384	0.9378	-0.0006	0.9932	0.9935	-0.0003
2023-09-02T15:28:52	1	0	45	43	2	0.9273	0.9284	0.0011	0.9992	0.9955	0.0037
2023-09-02T15:30:08	1	0	3	3	0	1.0526	1.0513	-0.0013	-0.9652	-0.9644	-0.0008
2023-09-02T15:31:51	1	0	4	4	0	0.9335	0.9338	0.0003	0.9996	0.9996	0.0000
2023-09-02T15:32:00	1	0	1	1	0	0.9416	0.9423	0.0007	0.9817	0.9816	0.0001
2023-09-02T15:34:20	1	0	71	71	0	0.9180	0.9180	0.0000	-0.9979	-0.9979	0.0000
2023-09-02T15:38:38	1	0	14	12	2	1.0149	1.0128	-0.0021	0.9993	0.9993	0.0000
2023-09-02T15:52:21	1	0	2	2	0	0.9403	0.9416	0.0013	0.9993	0.9995	-0.0002
2023-09-02T15:55:50	1	0	7	7	0	0.9410	0.9410	0.0000	0.9895	0.9896	-0.0001
2023-09-02T15:59:21	2	0	63	63	0	0.9171	0.9173	0.0003	0.9963	0.9965	-0.0002
2023-09-02T16:02:29	1	0	4	4	0	0.9788	0.9786	-0.0002	1	1	0.0000
2023-09-02T16:07:08	2	0	1	1	0	0.9435	0.9437	0.0002	0.9997	0.9997	0.0000
2023-09-02T16:12:14	1	0	29	29	0	0.9344	0.9348	0.0005	0.9919	0.9924	-0.0005
2023-09-02T16:14:32	1	0	37	36	1	0.9254	0.9265	0.0011	0.9992	0.9957	0.0035
2023-09-02T16:15:15	1	0	4	4	0	1.0527	1.0523	-0.0005	-0.9669	-0.966	-0.0009
2023-09-02T16:21:05	1	0	10	10	0	0.9452	0.9460	0.0008	0.9624	0.9628	-0.0004
2023-09-02T16:29:12	2	0	2	1	1	0.9437	0.9439	0.0002	-0.9983	-0.9983	0.0000
2023-09-02T16:30:17	1	0	8	7	1	1.0552	1.0545	-0.0007	-0.9721	-0.9714	-0.0007
2023-09-02T16:40:25	1	0	12	12	0	0.9564	0.9566	0.0002	-0.9973	-0.9973	0.0000
2023-09-02T16:51:27	1	0	10	10	0	0.9958	0.9958	0.0000	0.9912	0.9913	-0.0001
2023-09-02T17:08:44	1	0	10	10	0	0.9988	0.9989	0.0001	0.9988	0.9988	0.0000
2023-09-02T17:23:45	1	0	6	6	0	0.9735	0.9735	0.0001	0.9989	0.9986	0.0003
2023-09-02T17:30:23	1	0	48	47	1	1.0573	1.0572	-0.0001	-0.9743	-0.9738	-0.0005
2023-09-03T08:18:31	1	0	144	144	0	0.9238	0.9239	0.0001	0.9597	0.9596	0.0001
2023-09-03T08:33:45	1	0	46	45	1	1.0517	1.0516	-0.0001	0.9744	0.9744	0.0000
2023-09-03T08:43:41	2	0	2	2	0	1.0405	1.0403	-0.0002	-0.9986	-0.9986	0.0000
2023-09-03T08:55:41	1	0	3	3	0	1.0241	1.0240	-0.0001	-0.9562	-0.9559	-0.0003
2023-09-03T09:05:03	3	0	352	352	0	0.8440	0.8442	0.0001	0.8511	0.8508	0.0003
2023-09-03T09:05:49	1	0	5	5	0	0.9895	0.9894	-0.0001	0.987	0.9871	-0.0001
2023-09-03T09:14:15	1	0	21	18	3	1.0531	1.0524	-0.0007	-0.9175	-0.9171	-0.0004
2023-09-03T09:14:48	1	0	5	5	0	0.9449	0.9454	0.0005	0.9726	0.973	-0.0004
2023-09-03T09:20:23	1	0	19	19	0	1.0526	1.0525	-0.0001	0.996	0.9959	0.0001
2023-09-03T09:25:13	1	0	2	2	0	0.9397	0.9402	0.0005	0.9897	0.9897	0.0000
2023-09-03T09:25:32	1	0	215	215	0	0.9139	0.9140	0.0001	0.9845	0.9845	0.0000
2023-09-03T09:29:03	1	0	2	2	0	1.0283	1.0281	-0.0003	-0.9837	-0.9839	0.0002
2023-09-03T09:32:27	1	0	1	1	0	1.0169	1.0165	-0.0004	0.9997	0.9997	0.0000
2023-09-03T09:33:24	1	0	3	3	0	0.9644	0.9645	0.0001	0.9798	0.9798	0.0000
2023-09-03T09:35:09	2	0	380	375	5	0.8434	0.8435	0.0001	0.8518	0.8517	0.0001
2023-09-03T09:42:41	1	0	1	1	0	1.0226	1.0222	-0.0004	0.9989	0.9989	0.0000
2023-09-03T09:45:45	1	0	1	1	0	0.7890	0.7893	0.0003	0.9892	0.9891	0.0001
2023-09-03T09:50:02	1	0	1	1	0	1.0415	1.0409	-0.0006	0.9844	0.9842	0.0002
2023-09-03T09:50:25	1	0	28	22	6	1.0550	1.0547	-0.0003	0.9938	0.9937	0.0001
2023-09-03T09:50:32	1	0	8	7	1	0.9433	0.9436	0.0003	0.9857	0.986	-0.0003
2023-09-03T09:50:34	3	0	9	7	2	1.0461	1.0457	-0.0004	-1	-1	0.0000
2023-09-03T10:00:46	1	0	1	1	0	0.8007	0.8007	0.0000	0.9885	0.9883	0.0002
2023-09-03T10:02:10	1	0	28	28	0	0.9642	0.9645	0.0002	0.999	0.999	0.0000
2023-09-03T10:04:26	1	0	2	2	0	1.0017	1.0020	0.0003	-1	-1	0.0000
2023-09-03T10:04:48	1	0	213	213	0	0.8946	0.8947	0.0001	0.977	0.9771	-0.0001
2023-09-03T10:05:11	1	0	1	1	0	1.0409	1.0401	-0.0008	0.9769	0.9794	-0.0025
2023-09-03T10:05:18	3	0	385	383	2	0.8483	0.8483	0.0000	0.8536	0.8531	0.0005
2023-09-03T10:05:26	2	0	15	13	2	1.0455	1.0452	-0.0003	0.9929	0.9928	0.0001
2023-09-03T10:05:35	2	0	2	2	0	0.9414	0.9419	0.0004	1	0.9999	0.0001
2023-09-03T10:05:46	1	0	1	1	0	1.0065	1.0061	-0.0004	0.997	0.9968	0.0002
2023-09-03T10:05:53	1	0	4	4	0	0.9994	0.9992	-0.0002	0.9835	0.9835	0.0000
2023-09-03T10:06:44	1	0	5	5	0	0.9381	0.9383	0.0002	0.8647	0.8653	-0.0006
2023-09-03T10:09:29	1	0	9	9	0	1.0272	1.0272	0.0000	0.9633	0.963	0.0003
2023-09-03T10:10:00	1	0	4	4	0	1.0136	1.0135	-0.0001	-0.9987	-0.9987	0.0000
2023-09-03T10:10:23	1	0	2	2	0	0.9383	0.9391	0.0008	0.9849	0.9851	-0.0002
2023-09-03T10:10:37	1	0	1	1	0	0.9864	0.9867	0.0003	-1	-1	0.0000
2023-09-03T10:12:01	1	0	27	28	-1	0.9319	0.9496	0.0177	0.9997	0.9989	0.0008
2023-09-03T10:12:32	2	0	1	1	0	0.9879	0.9884	0.0005	-0.9963	-0.9962	-0.0001
2023-09-03T10:13:45	2	0	1	1	0	1.0296	1.0292	-0.0004	0.9914	0.9913	0.0001

2023-09-03T10:14:14	1	0	3	3	0	1.0409	1.0406	-0.0003	-0.9889	-0.9892	0.0003
2023-09-03T10:14:52	1	0	26	21	5	0.9431	0.9436	0.0006	0.9894	0.9901	-0.0007
2023-09-03T10:18:39	4	0	126	124	2	0.9216	0.9226	0.0010	0.9781	0.9783	-0.0002
2023-09-03T10:20:52	1	0	2	2	0	1.0419	1.0416	-0.0002	-0.9995	-0.9995	0.0000
2023-09-03T10:21:45	1	0	3	3	0	1.0451	1.0449	-0.0003	-0.9942	-0.9944	0.0002
2023-09-03T10:23:14	1	0	5	5	0	0.9672	0.9677	0.0006	0.9983	0.9984	-0.0001
2023-09-03T10:24:30	1	0	7	7	0	1.0302	1.0301	-0.0001	0.962	0.9617	0.0003
2023-09-03T10:27:33	1	0	1	1	0	0.9894	0.9899	0.0005	-0.9965	-0.9964	-0.0001
2023-09-03T10:29:23	1	0	5	3	2	1.0542	1.0513	-0.0029	-0.9552	-0.9547	-0.0005
2023-09-03T10:32:59	2	0	12	11	1	1.0388	1.0372	-0.0017	0.9642	0.964	0.0002
2023-09-03T10:33:28	1	0	9	9	0	0.9474	0.9483	0.0009	0.9683	0.9683	0.0000
2023-09-03T10:34:51	2	0	4	4	0	1.0483	1.0476	-0.0008	-0.998	-0.9982	0.0002
2023-09-03T10:35:27	1	0	256	254	2	0.8983	0.8985	0.0001	0.9235	0.9233	0.0002
2023-09-03T10:36:46	1	0	58	58	0	0.9382	0.9383	0.0000	0.8532	0.8536	-0.0004
2023-09-03T10:37:55	2	0	4	4	0	0.9739	0.9746	0.0007	0.9637	0.9638	-0.0001
2023-09-03T10:45:34	4	0	1	1	0	1.0417	1.0409	-0.0008	-0.9987	-0.9988	0.0001
2023-09-03T10:49:07	1	0	1	1	0	1.0314	1.0310	-0.0004	0.9993	0.9993	0.0000
2023-09-03T10:50:29	2	0	7	7	0	1.0312	1.0308	-0.0003	0.9863	0.986	0.0003
2023-09-03T10:51:09	2	0	4	4	0	1.0252	1.0248	-0.0004	0.9984	0.998	0.0004
2023-09-03T10:55:03	1	0	6	6	0	1.0205	1.0205	-0.0001	-0.9994	-0.9994	0.0000
2023-09-03T10:58:53	1	0	1	1	0	1.0571	1.0563	-0.0008	0.9982	0.996	0.0022
2023-09-03T10:59:55	1	0	97	95	2	0.9363	0.9363	0.0000	0.9843	0.9844	-0.0001
2023-09-03T11:01:32	1	0	2	2	0	1.0339	1.0333	-0.0006	0.9868	0.9864	0.0004
2023-09-03T11:02:33	1	0	1	1	0	1.0562	1.0551	-0.0011	0.995	0.995	0.0000
2023-09-03T11:03:02	3	0	3	3	0	0.9918	0.9904	-0.0014	-0.997	-0.9972	0.0002
2023-09-03T11:03:35	1	0	11	11	0	0.9391	0.9406	0.0015	0.9654	0.9652	0.0002
2023-09-03T11:03:45	1	0	155	155	0	0.9207	0.9210	0.0003	0.9928	0.9929	-0.0001
2023-09-03T11:07:57	1	0	1	1	0	1.0211	1.0211	0.0000	0.9687	0.9686	0.0001
2023-09-03T11:14:28	1	0	14	14	0	1.0449	1.0449	0.0000	-0.9879	-0.9879	0.0000
2023-09-03T11:14:30	1	0	5	3	2	1.0539	1.0508	-0.0031	-0.9684	-0.9683	-0.0001
2023-09-03T11:15:36	1	0	3	3	0	1.0005	1.0008	0.0003	-0.9995	-0.9995	0.0000
2023-09-03T11:15:53	3	0	2	1	1	1.0465	1.0402	-0.0063	0.983	-0.9998	-0.0172
2023-09-03T11:20:31	2	0	150	150	0	1.0662	1.0658	-0.0004	0.9982	0.9982	0.0000
2023-09-03T11:22:07	1	0	5	5	0	0.9739	0.9737	-0.0003	-0.9997	-0.9997	0.0000
2023-09-03T11:27:39	2	0	45	44	1	0.9285	0.9469	0.0184	0.9972	0.9973	-0.0001
2023-09-03T11:27:48	1	0	1	1	0	1.0208	1.0201	-0.0007	0.996	0.9959	0.0001
2023-09-03T11:30:37	6	0	5	5	0	0.9917	0.9918	0.0000	-0.9999	-0.9998	-0.0001
2023-09-03T11:31:15	4	0	1	1	0	0.9426	0.9436	0.0010	-0.9981	-0.998	-0.0001
2023-09-03T11:31:31	1	0	2	2	0	0.9407	0.9412	0.0005	-0.9988	-0.9988	0.0000
2023-09-03T11:33:47	1	0	14	14	0	0.9412	0.9418	0.0005	0.9637	0.9639	-0.0002
2023-09-03T11:35:00	1	0	2	1	1	0.9882	0.9888	0.0006	0.9131	0.9148	-0.0017
2023-09-03T11:35:08	2	0	3	3	0	1.0463	1.0460	-0.0003	-0.9999	-0.9999	0.0000
2023-09-03T11:35:11	1	0	2	2	0	0.9981	0.9983	0.0002	-0.9975	-0.9975	0.0000
2023-09-03T11:35:27	1	0	2	2	0	0.9393	0.9404	0.0010	-0.9999	0.9993	0.0008
2023-09-03T11:35:59	1	0	3	3	0	0.9462	0.9466	0.0005	0.9999	0.9997	0.0002
2023-09-03T11:36:10	1	0	1	1	0	1.0431	1.0427	-0.0004	0.9703	0.9701	0.0002
2023-09-03T11:36:26	2	0	6	6	0	1.0167	1.0166	-0.0001	0.9813	0.9809	0.0004
2023-09-03T11:36:54	2	0	98	98	0	0.9296	0.9296	0.0000	0.8381	0.8379	0.0002
2023-09-03T11:37:12	1	0	5	5	0	0.9712	0.9708	-0.0004	-1	-1	0.0000
2023-09-03T11:39:35	2	0	41	41	0	0.9495	0.9535	0.0041	0.9565	0.9533	0.0032
2023-09-03T11:40:46	1	0	2	2	0	0.9397	0.9399	0.0002	0.9894	0.9894	0.0000
2023-09-03T11:41:52	1	0	1	1	0	1.0567	1.0562	-0.0005	0.9997	0.9997	0.0000
2023-09-03T11:44:35	1	0	48	46	2	1.0568	1.0566	-0.0002	-0.9768	-0.9765	-0.0003
2023-09-03T11:45:38	6	0	4	5	-1	0.9927	0.9889	-0.0038	0.9999	0.9999	0.0000
2023-09-03T11:49:55	1	0	244	240	4	0.9217	0.9209	-0.0008	0.9707	0.971	-0.0003
2023-09-03T11:50:28	1	0	3	3	0	1.0500	1.0500	0.0000	-0.9999	-0.9999	0.0000
2023-09-03T11:51:20	1	0	1	1	0	1.0438	1.0436	-0.0002	0.9681	0.9684	-0.0003
2023-09-03T11:51:31	2	0	5	5	0	1.0075	1.0075	0.0000	0.9726	0.972	0.0006
2023-09-03T11:52:16	1	0	6	6	0	0.9753	0.9750	-0.0003	-0.9998	-0.9998	0.0000
2023-09-03T11:53:00	1	0	1	1	0	1.0205	1.0205	0.0000	0.9666	0.9667	-0.0001
2023-09-03T11:58:12	2	0	55	54	1	0.9464	0.9355	-0.0109	0.9941	0.9941	0.0000
2023-09-03T11:59:37	1	0	37	36	1	1.0561	1.0563	0.0002	-0.9785	-0.9782	-0.0003
2023-09-03T12:03:55	1	0	4	4	0	0.9556	0.9558	0.0001	0.963	0.9632	-0.0002
2023-09-03T12:05:29	1	0	3	3	0	1.0478	1.0478	0.0000	1	1	0.0000
2023-09-03T12:05:33	1	0	4	4	0	0.9663	0.9663	0.0000	-0.9994	-0.9994	0.0000
2023-09-03T12:06:56	2	0	79	79	0	0.9308	0.9308	0.0000	0.9028	0.9024	0.0004
2023-09-03T12:07:02	1	0	1	0	1	0.9447	null	null	0.9998	0.9998	0.0000
2023-09-03T12:07:20	1	0	6	6	0	0.9732	0.9730	-0.0002	1	1	0.0000
2023-09-03T12:09:37	2	0	56	56	0	0.9768	0.9768	0.0000	0.9631	0.9632	-0.0001
2023-09-03T12:13:30	3	0	65	64	1	0.9365	0.9367	0.0002	0.9933	0.9934	-0.0001
2023-09-03T12:21:17	1	0	6	6	0	0.9436	0.9439	0.0002	0.9961	0.9961	0.0000
2023-09-03T12:24:58	2	0	1	0	1	1.0553	null	null	0.9998	0.9998	0.0000
2023-09-03T12:36:31	1	0	1	1	0	1.0411	1.0403	-0.0008	0.9678	0.9701	-0.0023
2023-09-03T12:38:03	1	0	2	2	0	1.0021	1.0023	0.0001	0.9767	0.9769	-0.0002
2023-09-03T12:46:36	1	0	1	1	0	0.9308	0.9308	0.0000	1	1	0.0000
2023-09-03T12:51:59	2	0	142	138	4	0.9241	0.9243	0.0001	0.8946	0.8944	0.0002
2023-09-03T12:53:04	2	0	1	1	0	1.0205	1.0204	-0.0001	0.9753	0.9749	0.0004
2023-09-03T12:55:51	2	0	1	0	1	1.0262	null	null	0.988	0.9879	0.0001
2023-09-03T12:58:37	2	0	8	7	1	0.9489	0.9499	0.0010	-1	-1	0.0000
2023-09-03T12:59:28	1	0	22	22	0	1.0483	1.0483	0.0000	-0.9998	-0.9998	0.0000
2023-09-03T12:59:47	1	0	5	3	2	1.0569	1.0531	-0.0039	-0.9823	-0.9821	-0.0002
2023-09-03T13:00:00	1	0	3	3	0	1.0342	1.0334	-0.0007	0.998	0.9974	0.0006
2023-09-03T13:00:58	2	0	25	15	10	0.9360	0.9301	-0.0059	0.998	0.9982	-0.0002
2023-09-03T13:00:58	3	0	144	141	3	0.9172	0.9176	0.0003	0.9921	0.9923	-0.0002
2023-09-03T13:05:44	1	0	6	6	0	0.9625	0.9626	0.0001	1	0.9997	0.0003

2023-09-03T13:10:52	2	0	1	1	0	1.0260	1.0254	-0.0006	0.988	0.9879	0.0001
2023-09-03T13:21:23	1	0	17	16	1	0.9424	0.9424	0.0001	0.9964	0.9964	0.0000
2023-09-03T13:29:31	1	0	34	34	0	1.0484	1.0483	-0.0001	-0.9994	-0.9994	0.0000
2023-09-03T13:31:39	1	0	5	5	0	0.9343	0.9345	0.0002	0.9995	0.9995	0.0000
2023-09-03T13:34:09	1	0	92	89	3	0.9444	0.9448	0.0004	0.9743	0.9745	-0.0002
2023-09-03T13:37:02	1	0	174	174	0	0.9216	0.9216	0.0000	0.8939	0.894	-0.0001
2023-09-03T13:37:34	1	0	17	17	0	0.9659	0.9659	0.0000	-0.9997	-0.9997	0.0000
2023-09-03T13:42:00	5	0	110	110	0	0.9441	0.9442	0.0001	0.9861	0.9864	-0.0003
2023-09-03T13:43:05	1	0	1	1	0	1.0274	1.0271	-0.0003	0.9995	0.9995	0.0000
2023-09-03T13:44:33	1	0	16	16	0	1.0483	1.0482	-0.0001	-0.9993	-0.9993	0.0000
2023-09-03T13:44:51	1	0	8	9	-1	1.0561	1.0560	-0.0001	-0.984	-0.9833	-0.0007
2023-09-03T13:45:03	5	0	113	111	2	0.9109	0.9253	0.0143	0.9938	0.9949	-0.0011
2023-09-03T13:45:10	1	0	5	5	0	1.0171	1.0170	-0.0001	0.9962	0.9962	0.0000
2023-09-03T13:51:17	1	0	3	3	0	0.9463	0.9463	0.0000	0.9986	0.9986	0.0000
2023-09-03T13:53:03	2	0	22	21	1	1.0558	1.0553	-0.0004	-0.9723	-0.9724	0.0001
2023-09-03T13:53:12	1	0	5	5	0	1.0138	1.0140	0.0002	0.9844	0.9843	0.0001
2023-09-03T14:01:31	1	0	1	1	0	1.0360	1.0354	-0.0006	0.9703	0.9699	0.0004
2023-09-03T14:02:12	1	0	2	2	0	1.0401	1.0397	-0.0005	-0.9953	-0.9954	0.0001
2023-09-03T14:04:25	1	0	74	71	3	0.9511	0.9518	0.0007	0.9745	0.9747	-0.0002
2023-09-03T14:06:26	1	0	4	4	0	0.9428	0.9431	0.0002	0.9984	0.9979	0.0005
2023-09-03T14:07:01	1	0	2	2	0	1.0211	1.0211	-0.0001	0.9812	0.9832	-0.0020
2023-09-03T14:07:08	2	0	192	192	0	0.9172	0.9172	0.0000	0.8915	0.8918	-0.0003
2023-09-03T14:08:04	2	0	20	20	0	1.0546	1.0545	-0.0001	-0.9759	-0.9759	0.0000
2023-09-03T14:08:44	3	0	52	50	2	0.9367	0.9374	0.0007	0.9876	0.9878	-0.0002
2023-09-03T14:09:45	1	0	44	44	0	0.9679	0.9679	0.0000	0.9736	0.9736	0.0000
2023-09-03T14:10:10	1	0	4	4	0	0.9829	0.9830	0.0001	-0.9961	-0.996	-0.0001
2023-09-03T14:10:59	1	0	1	1	0	0.9423	0.9424	0.0001	0.988	0.9879	0.0001
2023-09-03T14:11:29	1	0	4	4	0	1.0236	1.0234	-0.0002	-0.9973	-0.9973	0.0000
2023-09-03T14:12:02	6	0	41	40	1	0.9619	0.9531	-0.0089	0.9899	0.99	-0.0001
2023-09-03T14:13:07	1	0	1	1	0	1.0271	1.0269	-0.0002	0.9989	0.9989	0.0000
2023-09-03T14:14:01	1	0	1	1	0	0.9597	0.9597	0.0000	0.9851	0.9851	0.0000
2023-09-03T14:16:00	7	0	158	157	1	0.9072	0.9075	0.0003	0.9942	0.9944	-0.0002
2023-09-03T14:16:38	1	0	1	1	0	1.0357	1.0351	-0.0006	0.9684	0.9679	0.0005
2023-09-03T14:16:42	1	0	9	9	0	0.9451	0.9452	0.0001	-1	-1	0.0000
2023-09-03T14:17:13	1	0	2	2	0	1.0411	1.0408	-0.0002	-0.9964	-0.9964	0.0000
2023-09-03T14:19:32	1	0	82	81	1	0.9475	0.9479	0.0004	0.9746	0.9748	-0.0002
2023-09-03T14:20:06	1	0	390	390	0	0.9090	0.9101	0.0011	0.9659	0.9661	-0.0002
2023-09-03T14:20:49	1	0	31	28	3	0.9431	0.9434	0.0003	0.9992	0.9987	0.0005
2023-09-03T14:20:52	4	0	3	3	0	0.9988	0.9986	-0.0002	0.9787	0.9785	0.0002
2023-09-03T14:21:34	1	0	4	4	0	0.9441	0.9444	0.0003	0.9983	0.9984	-0.0001
2023-09-03T14:21:37	1	0	46	40	6	0.9402	0.9403	0.0001	0.9957	0.9958	-0.0001
2023-09-03T14:21:48	2	0	5	5	0	0.9841	0.9840	0.0000	0.9622	0.9618	0.0004
2023-09-03T14:22:09	2	0	163	163	0	0.9199	0.9198	0.0000	0.8907	0.8908	-0.0001
2023-09-03T14:22:10	1	0	14	14	0	1.0487	1.0487	0.0000	-0.9978	-0.9979	0.0001
2023-09-03T14:22:11	1	0	2	2	0	1.0206	1.0202	-0.0004	0.9824	0.9811	0.0013
2023-09-03T14:22:14	1	0	1	1	0	0.9433	0.9446	0.0013	-0.9998	-0.9997	-0.0001
2023-09-03T14:22:43	1	0	14	14	0	0.9546	0.9544	-0.0002	1	1	0.0000
2023-09-03T14:23:07	2	0	22	21	1	1.0558	1.0556	-0.0002	-0.9699	-0.9699	0.0000
2023-09-03T14:23:14	1	0	4	4	0	1.0264	1.0264	0.0000	0.9841	0.9842	-0.0001
2023-09-03T14:23:45	3	0	51	50	1	0.9368	0.9370	0.0002	0.9886	0.9886	0.0000
2023-09-03T14:25:17	2	0	85	85	0	0.9440	0.9440	0.0000	-0.9996	-0.9995	-0.0001
2023-09-03T14:26:03	1	0	1	1	0	0.9418	0.9422	0.0004	0.9861	0.9861	0.0000
2023-09-03T14:26:38	1	0	4	4	0	0.9868	0.9872	0.0004	-0.9999	-0.9999	0.0000
2023-09-03T14:27:03	2	0	39	39	0	0.9686	0.9685	-0.0001	0.9915	0.9915	0.0000
2023-09-03T14:27:03	1	0	1	1	0	1.0580	1.0579	-0.0001	0.9994	0.9994	0.0000
2023-09-03T14:28:08	1	0	1	1	0	1.0266	1.0264	-0.0002	0.9993	0.9993	0.0000
2023-09-03T14:28:24	1	0	9	9	0	0.9891	0.9890	0.0000	0.9866	0.9865	0.0001
2023-09-03T14:29:35	1	0	16	14	2	0.9593	0.9615	0.0022	-0.9999	-0.9999	0.0000
2023-09-03T14:31:09	3	0	71	71	0	0.9326	0.9364	0.0037	0.9839	0.9851	-0.0012
2023-09-03T14:31:16	7	0	132	131	1	0.9062	0.9233	0.0171	0.9939	0.994	-0.0001
2023-09-03T14:31:43	1	0	1	1	0	1.0339	1.0332	-0.0007	0.9695	0.969	0.0005
2023-09-03T14:31:43	1	0	2	2	0	0.9328	0.9329	0.0001	1	1	0.0000
2023-09-03T14:32:14	1	0	2	2	0	1.0414	1.0412	-0.0002	-0.9975	-0.9975	0.0000
2023-09-03T14:33:21	2	0	46	45	1	0.9311	0.9316	0.0005	0.9954	0.9952	0.0002
2023-09-03T14:34:39	1	0	95	93	2	0.9469	0.9476	0.0007	0.9733	0.9735	-0.0002
2023-09-03T14:35:13	2	0	377	376	1	0.8780	0.8782	0.0002	0.9603	0.961	-0.0007
2023-09-03T14:35:44	2	0	9	9	0	1.0393	1.0392	-0.0001	0.9887	0.9889	-0.0002
2023-09-03T14:35:55	3	0	18	17	1	1.0429	1.0419	-0.0011	0.9834	0.9896	-0.0062
2023-09-03T14:35:56	1	0	42	41	1	0.9411	0.9414	0.0003	0.999	0.9984	0.0006
2023-09-03T14:36:08	2	0	1	1	0	0.9412	0.9425	0.0013	0.9939	0.9946	-0.0007
2023-09-03T14:36:44	1	0	6	6	0	0.9422	0.9425	0.0003	0.9975	0.9975	0.0000
2023-09-03T14:36:49	2	0	4	4	0	0.9670	0.9670	0.0000	0.9648	0.9646	0.0002
2023-09-03T14:37:10	2	0	229	229	0	0.9112	0.9113	0.0000	0.8917	0.8918	-0.0001
2023-09-03T14:37:18	1	0	7	7	0	1.0343	1.0343	0.0000	-0.9976	-0.9977	0.0001
2023-09-03T14:37:21	1	0	2	2	0	1.0227	1.0222	-0.0006	0.9819	0.9823	-0.0004
2023-09-03T14:37:48	2	0	14	13	1	0.9639	0.9653	0.0014	-0.9999	-0.9999	0.0000
2023-09-03T14:38:08	2	0	17	15	2	1.0542	1.0540	-0.0001	-0.9745	-0.9745	0.0000
2023-09-03T14:38:46	3	0	74	74	0	0.9316	0.9317	0.0002	0.9821	0.9822	-0.0001
2023-09-03T14:39:47	2	0	36	37	-1	0.9695	0.9694	-0.0001	0.974	0.974	0.0000
2023-09-03T14:40:12	1	0	10	10	0	0.9582	0.9584	0.0002	-0.998	-0.998	0.0000
2023-09-03T14:40:18	1	0	82	82	0	0.9437	0.9437	0.0000	-0.9996	-0.9996	0.0000
2023-09-03T14:41:10	1	0	1	1	0	0.9398	0.9402	0.0004	0.9854	0.9854	0.0000
2023-09-03T14:41:47	1	0	3	3	0	1.0230	1.0227	-0.0003	-0.9979	-0.998	0.0001
2023-09-03T14:43:03	1	0	1	1	0	0.9619	0.9635	0.0016	-0.9997	-0.9997	0.0000
2023-09-03T14:43:09	1	0	1	1	0	1.0272	1.0272	0.0000	0.9989	0.9989	0.0000

2023-09-03T14:44:14	2	0	16	16	0	0.9429	0.9430	0.0001	1	-1	0.0000
2023-09-03T14:44:41	1	0	15	9	6	0.9516	0.9574	0.0057	1	1	0.0000
2023-09-03T14:45:01	1	0	3	2	1	1.0557	1.0531	-0.0026	-0.9886	-0.9883	-0.0003
2023-09-03T14:46:18	1	0	84	84	0	0.9319	0.9319	0.0000	0.9968	0.9968	0.0000
2023-09-03T14:46:44	1	0	20	19	1	0.9454	0.9454	0.0001	0.9999	0.9999	0.0000
2023-09-03T14:46:46	1	0	8	8	0	0.9691	0.9689	-0.0002	-0.9971	-0.9972	0.0001
2023-09-03T14:53:16	2	0	4	4	0	1.0131	1.0134	0.0003	0.9838	0.9837	0.0001
2023-09-03T14:55:13	2	0	27	22	5	0.9492	0.9507	0.0015	-0.9977	-0.9976	-0.0001
2023-09-03T14:57:08	2	0	52	52	0	0.9487	0.9487	0.0000	0.99	0.9901	-0.0001
2023-09-03T14:57:10	1	0	1	1	0	1.0565	1.0564	-0.0001	0.9995	0.9995	0.0000
2023-09-03T14:58:26	3	0	72	72	0	0.9552	0.9556	0.0004	0.9919	0.9917	0.0002
2023-09-03T15:04:17	1	0	3	3	0	1.0059	1.0062	0.0003	-0.9924	-0.9923	-0.0001
2023-09-03T15:05:46	1	0	28	22	6	0.9799	0.9872	0.0074	0.9864	0.9865	-0.0001
2023-09-03T15:06:55	7	0	7	9	-2	0.9513	0.9490	-0.0023	0.999	0.9989	0.0001
2023-09-03T15:08:17	1	0	5	5	0	1.0136	1.0136	0.0001	0.9835	0.9833	0.0002
2023-09-03T15:12:22	4	0	39	39	0	0.9558	0.9558	0.0001	0.989	0.9891	-0.0001
2023-09-03T15:13:13	4	0	1	1	0	1.0312	1.0286	-0.0026	-0.999	-0.9991	0.0001
2023-09-03T15:16:46	1	0	47	47	0	0.9433	0.9433	0.0000	0.9992	0.9993	-0.0001
2023-09-03T15:20:32	2	0	2	2	0	1.0467	1.0460	-0.0007	-0.9611	-0.9617	0.0006
2023-09-03T15:23:36	2	0	11	10	1	0.9702	0.9728	0.0026	0.9982	0.9982	0.0000
2023-09-03T15:26:38	1	0	18	18	0	1.0363	1.0364	0.0000	0.9985	0.9985	0.0000
2023-09-03T15:26:57	2	0	18	16	2	0.9488	0.9504	0.0016	1	-1	0.0000
2023-09-03T15:29:13	2	0	3	3	0	0.9770	0.9769	-0.0002	-0.9982	-0.9981	-0.0001
2023-09-03T15:31:13	1	0	1	0	1	1.0199	null	null	-0.9746	-0.9744	-0.0002
2023-09-03T15:38:20	1	0	4	4	0	0.9473	0.9476	0.0003	-0.9992	-0.9991	-0.0001
2023-09-03T15:38:37	1	0	3	3	0	1.0049	1.0049	0.0000	-0.9964	-0.9964	0.0000
2023-09-03T15:46:14	1	0	1	1	0	1.0212	1.0207	-0.0005	-0.9797	-0.9801	0.0004
2023-09-03T15:50:59	5	0	1	1	0	0.9426	0.9439	0.0013	0.9963	0.9964	-0.0001
2023-09-03T16:02:53	1	0	3	3	0	0.9419	0.9421	0.0002	0.9975	0.9975	0.0000
2023-09-03T16:11:16	1	0	1	1	0	0.9435	0.9439	0.0004	-0.9957	-0.9957	0.0000
2023-09-03T16:12:25	3	0	235	230	5	0.9328	0.9332	0.0003	0.9819	0.9822	-0.0003
2023-09-03T16:17:22	1	0	14	14	0	0.9374	0.9379	0.0005	0.9787	0.9783	0.0004
2023-09-03T16:22:12	1	0	1	0	1	0.9447	null	null	-0.9996	-0.9996	0.0000
2023-09-03T16:34:28	1	0	81	80	1	0.9461	0.9462	0.0000	1	1	0.0000
2023-09-03T16:37:23	1	0	1	1	0	0.9421	0.9423	0.0002	1	1	0.0000
2023-09-03T16:45:46	3	0	3	0	3	0.9496	null	null	0.9935	0.9935	0.0000
2023-09-03T16:47:34	1	0	15	13	2	1.0507	1.0499	-0.0008	-0.9833	-0.9833	0.0000
2023-09-03T16:49:29	1	0	89	88	1	0.9506	0.9507	0.0001	1	1	0.0000
2023-09-03T17:00:47	3	0	17	13	4	0.9434	0.9443	0.0008	0.9934	0.9934	0.0000
2023-09-03T17:04:41	1	0	81	80	1	0.9518	0.9519	0.0001	1	1	0.0000
2023-09-03T17:08:47	2	0	12	12	0	0.9585	0.9586	0.0001	0.9973	0.9969	0.0004
2023-09-03T17:19:55	1	0	97	97	0	0.9496	0.9496	0.0000	-1	-1	0.0000
2023-09-03T17:20:42	1	0	23	22	1	0.9494	0.9496	0.0003	-0.9745	-0.9745	0.0000
2023-09-03T17:30:30	1	0	11	11	0	1.0555	1.0554	-0.0001	-0.9928	-0.9923	-0.0005
2023-09-03T17:35:43	1	0	46	46	0	0.9444	0.9444	0.0001	-0.9792	-0.979	-0.0002
2023-09-03T17:36:10	1	0	1	1	0	0.9419	0.9430	0.0011	-0.9978	-0.9977	-0.0001
2023-09-03T17:45:33	1	0	33	33	0	1.0574	1.0573	-0.0001	-0.9899	-0.9894	-0.0005
2023-09-03T17:47:38	1	0	50	50	0	1.0550	1.0550	0.0000	-0.9825	-0.9825	0.0000
2023-09-03T18:00:35	1	0	16	16	0	1.0562	1.0561	-0.0001	-0.9923	-0.9919	-0.0004
2023-09-03T18:30:38	1	0	61	61	0	1.0585	1.0584	0.0000	-0.9901	-0.9896	-0.0005
2023-09-04T08:14:12	1	0	135	134	1	1.0608	1.0608	-0.0001	-0.9296	-0.9294	-0.0002
2023-09-04T08:15:48	1	0	100	99	1	1.0485	1.0485	0.0000	-0.9111	-0.9106	-0.0005
2023-09-04T08:26:42	1	0	51	50	1	1.0579	1.0579	0.0000	-0.9975	-0.9975	0.0000
2023-09-04T08:40:45	1	0	1	1	0	1.0273	1.0268	-0.0005	-0.9741	-0.9739	-0.0002
2023-09-04T08:46:37	2	0	81	80	1	1.0535	1.0534	-0.0001	0.9956	0.9956	0.0000
2023-09-04T08:58:42	3	0	4	4	0	1.0355	1.0350	-0.0005	-0.9974	-0.9974	0.0000
2023-09-04T09:01:46	1	0	119	118	1	1.0145	1.0141	-0.0004	0.9944	0.9945	-0.0001
2023-09-04T09:05:03	1	0	136	129	7	0.9925	0.9923	-0.0003	0.9393	0.9491	-0.0098
2023-09-04T09:05:50	1	0	10	10	0	1.0141	1.0140	-0.0001	0.9947	0.9947	0.0000
2023-09-04T09:14:48	1	0	1	1	0	0.9409	0.9413	0.0004	0.9824	0.9824	0.0000
2023-09-04T09:16:24	1	0	5	5	0	0.9489	0.9490	0.0002	-0.9983	-0.9983	0.0000
2023-09-04T09:20:07	2	0	325	325	0	0.8259	0.8263	0.0004	0.88	0.8871	-0.0071
2023-09-04T09:29:03	1	0	2	2	0	1.0254	1.0252	-0.0002	-0.9986	-0.9986	0.0000
2023-09-04T09:35:27	1	0	14	14	0	1.0453	1.0452	-0.0001	0.9607	0.9605	0.0002
2023-09-04T09:39:47	1	0	25	24	1	0.9479	0.9484	0.0005	-0.9998	-0.9998	0.0000
2023-09-04T09:40:14	1	0	3	3	0	0.9973	0.9975	0.0002	0.9807	0.9808	-0.0001
2023-09-04T09:44:25	1	0	86	84	2	1.0581	1.0580	-0.0002	-0.9612	-0.9614	0.0002
2023-09-04T09:44:50	1	0	54	55	-1	0.9395	0.9397	0.0002	0.9742	0.9738	0.0004
2023-09-04T09:45:45	1	0	1	1	0	0.7679	0.7682	0.0003	0.9855	0.9853	0.0002
2023-09-04T09:45:49	1	0	1	1	0	1.0268	1.0264	-0.0004	-0.9999	-1	0.0001
2023-09-04T09:47:08	1	0	85	83	2	1.0563	1.0563	-0.0001	-0.9998	-0.9998	0.0000
2023-09-04T09:48:47	1	0	1	1	0	0.9323	0.9335	0.0012	0.993	0.9929	0.0001
2023-09-04T09:50:02	1	0	2	2	0	1.0228	1.0225	-0.0002	0.9709	0.971	-0.0001
2023-09-04T09:50:09	1	0	246	244	2	0.8882	0.8883	0.0001	0.9331	0.9329	0.0002
2023-09-04T09:50:32	4	0	20	20	0	1.0502	1.0499	-0.0003	0.9989	0.9988	0.0001
2023-09-04T09:51:42	1	0	2	2	0	1.0369	1.0367	-0.0003	-0.9988	-0.9988	0.0000
2023-09-04T09:52:52	2	0	3	3	0	1.0034	1.0039	0.0005	0.9606	0.9606	0.0000
2023-09-04T09:55:35	1	0	11	11	0	1.0742	1.0742	0.0000	0.9905	0.9904	0.0001
2023-09-04T09:56:45	5	0	34	34	0	0.9330	0.9336	0.0006	0.9861	0.9866	-0.0005
2023-09-04T09:57:43	1	0	1	1	0	1.0242	1.0237	-0.0005	0.9962	0.9962	0.0000
2023-09-04T09:58:26	1	0	1	1	0	0.9979	0.9973	-0.0006	-0.9987	-0.9987	0.0000
2023-09-04T09:59:51	2	0	97	97	0	0.9360	0.9360	0.0000	0.9761	0.9761	0.0000
2023-09-04T10:00:30	1	0	2	2	0	0.9443	0.9447	0.0004	-0.9992	-0.9992	0.0000
2023-09-04T10:00:46	1	0	1	1	0	0.7841	0.7841	0.0000	0.9846	0.9843	0.0003
2023-09-04T10:00:50	1	0	1	1	0	1.0236	1.0236	0.0000	-1	-1	0.0000

2023-09-04T10:00:55	1	0	18	18	0	1.0481	1.0481	0.0000	-0.947	-0.9464	-0.0006
2023-09-04T10:01:10	1	0	3	3	0	1.0535	1.0528	-0.0007	0.9793	0.9789	0.0004
2023-09-04T10:02:08	1	0	48	48	0	0.9562	0.9565	0.0002	0.9871	0.9871	0.0000
2023-09-04T10:02:59	1	0	54	52	2	1.0541	1.0538	-0.0002	0.9772	0.977	0.0002
2023-09-04T10:03:26	1	0	9	8	1	0.9495	0.9514	0.0019	0.958	0.9583	-0.0003
2023-09-04T10:03:48	1	0	3	3	0	0.9366	0.9370	0.0004	0.99	0.9899	0.0001
2023-09-04T10:04:25	1	0	2	2	0	0.9951	0.9955	0.0003	0.9918	0.9917	0.0001
2023-09-04T10:05:15	2	0	142	139	3	0.9040	0.9042	0.0003	0.9342	0.9337	0.0005
2023-09-04T10:05:29	2	0	9	9	0	1.0413	1.0412	-0.0001	0.9561	0.956	0.0001
2023-09-04T10:05:42	4	0	18	18	0	1.0350	1.0347	-0.0003	0.998	0.9979	0.0001
2023-09-04T10:06:43	1	0	36	36	0	0.9425	0.9425	0.0000	0.8468	0.8473	-0.0005
2023-09-04T10:09:29	1	0	8	8	0	1.0059	1.0058	-0.0001	0.966	0.9656	0.0004
2023-09-04T10:10:00	1	0	4	4	0	0.9989	0.9988	-0.0001	-1	-1	0.0000
2023-09-04T10:10:20	1	0	4	4	0	0.9492	0.9496	0.0004	0.9777	0.9779	-0.0002
2023-09-04T10:10:47	2	0	3	3	0	0.9771	0.9778	0.0007	0.9961	0.9954	0.0007
2023-09-04T10:10:50	1	0	5	5	0	0.9983	0.9984	0.0002	-0.9971	-0.997	-0.0001
2023-09-04T10:11:46	2	0	37	36	1	0.9398	0.9298	-0.0100	0.9834	0.9835	-0.0001
2023-09-04T10:14:17	1	0	3	3	0	1.0381	1.0378	-0.0003	-0.9975	-0.9977	0.0002
2023-09-04T10:14:31	2	0	91	85	6	1.0575	1.0571	-0.0004	-0.9709	-0.9712	0.0003
2023-09-04T10:16:28	1	0	3	3	0	0.9973	0.9976	0.0003	-0.9993	-0.9993	0.0000
2023-09-04T10:20:14	1	0	2	2	0	1.0175	1.0169	-0.0006	0.9685	0.9662	0.0023
2023-09-04T10:20:19	2	0	362	355	7	0.8354	0.8357	0.0004	0.8915	0.8918	-0.0003
2023-09-04T10:20:52	2	0	12	12	0	1.0305	1.0306	0.0001	0.9976	0.9976	0.0000
2023-09-04T10:20:55	1	0	17	17	0	0.9662	0.9663	0.0000	0.9902	0.9903	-0.0001
2023-09-04T10:21:44	1	0	42	42	0	0.9419	0.9419	0.0000	0.8445	0.8448	-0.0003
2023-09-04T10:21:55	1	0	1	1	0	0.9409	0.9423	0.0014	0.9995	0.9996	-0.0001
2023-09-04T10:24:30	1	0	26	26	0	0.9711	0.9710	-0.0001	0.9737	0.9738	-0.0001
2023-09-04T10:24:50	3	0	26	22	4	0.9488	0.9503	0.0015	-0.9984	-0.9984	0.0000
2023-09-04T10:24:50	1	0	1	0	1	1.0554	null	null	-0.9996	-0.9996	0.0000
2023-09-04T10:26:47	1	0	5	5	0	1.0508	1.0503	-0.0005	1	0.9999	0.0001
2023-09-04T10:27:24	3	0	1	1	0	0.9982	0.9993	0.0011	-0.9978	-0.9977	-0.0001
2023-09-04T10:32:20	1	0	16	14	2	1.0533	1.0525	-0.0008	0.9971	0.9971	0.0000
2023-09-04T10:36:50	1	0	2	2	0	1.0372	1.0368	-0.0004	1	1	0.0000
2023-09-04T10:41:09	2	0	6	6	0	0.9646	0.9642	-0.0005	0.9944	0.9943	0.0001
2023-09-04T10:45:21	4	0	2	2	0	0.9540	0.9547	0.0007	0.9892	0.989	0.0002
2023-09-04T10:47:34	1	0	1	1	0	1.0567	1.0557	-0.0010	0.9883	0.9882	0.0001
2023-09-04T10:48:42	2	0	3	3	0	1.0537	1.0532	-0.0006	0.9819	0.9815	0.0004
2023-09-04T10:49:06	1	0	4	4	0	1.0361	1.0359	-0.0003	0.9945	0.9945	0.0000
2023-09-04T10:50:54	5	0	12	11	1	0.9937	0.9907	-0.0030	0.9958	0.994	0.0018
2023-09-04T10:53:16	1	0	8	8	0	0.9641	0.9645	0.0004	0.9877	0.9878	-0.0001
2023-09-04T10:55:56	2	0	1	1	0	1.0156	1.0122	-0.0034	-0.9829	-0.9836	0.0007
2023-09-04T10:58:48	2	0	2	2	0	1.0344	1.0339	-0.0006	0.9827	0.9826	0.0001
2023-09-04T11:01:32	1	0	3	3	0	1.0367	1.0361	-0.0006	0.9826	0.9821	0.0005
2023-09-04T11:02:31	1	0	32	31	1	0.9601	0.9570	-0.0031	0.9912	0.9911	0.0001
2023-09-04T11:03:21	2	0	3	2	1	0.9529	0.9441	-0.0088	0.9909	0.9908	0.0001
2023-09-04T11:03:47	1	0	11	14	-3	0.9422	0.9440	0.0018	0.9539	0.9537	0.0002
2023-09-04T11:04:03	1	0	3	2	1	1.0066	0.9882	-0.0183	0.895	0.8964	-0.0014
2023-09-04T11:05:30	1	0	75	74	1	0.9211	0.9212	0.0001	0.9419	0.9329	0.0090
2023-09-04T11:05:33	3	0	60	60	0	1.0580	1.0583	0.0003	0.979	0.9786	0.0004
2023-09-04T11:05:40	1	0	1	1	0	1.0340	1.0335	-0.0005	0.963	0.9628	0.0002
2023-09-04T11:06:19	2	0	3	3	0	1.0500	1.0495	-0.0004	0.9738	0.9729	0.0009
2023-09-04T11:06:58	1	0	10	10	0	0.9952	0.9951	-0.0002	-0.9985	-0.9985	0.0000
2023-09-04T11:11:37	1	0	10	9	1	0.9726	0.9669	-0.0058	0.9943	0.9941	0.0002
2023-09-04T11:11:50	2	0	82	79	3	0.9373	0.9378	0.0005	0.9859	0.9862	-0.0003
2023-09-04T11:13:48	1	0	5	4	1	0.9439	0.9440	0.0000	1	1	0.0000
2023-09-04T11:14:19	1	0	10	10	0	1.0475	1.0471	-0.0003	0.9999	0.9999	0.0000
2023-09-04T11:15:49	1	0	79	75	4	0.9306	0.9308	0.0001	0.9919	0.992	-0.0001
2023-09-04T11:18:53	1	0	53	53	0	0.9292	0.9297	0.0005	0.9936	0.9935	0.0001
2023-09-04T11:18:57	1	0	94	81	13	0.9424	0.9444	0.0020	0.9551	0.9555	-0.0004
2023-09-04T11:20:51	1	0	2	2	0	1.0195	1.0191	-0.0005	0.9631	0.9629	0.0002
2023-09-04T11:22:03	1	0	6	6	0	1.0086	1.0083	-0.0002	-0.9984	-0.9984	0.0000
2023-09-04T11:22:44	1	0	14	13	1	1.0525	1.0530	0.0005	-0.9996	-0.9996	0.0000
2023-09-04T11:24:28	1	0	2	2	0	0.9647	0.9649	0.0002	0.9922	0.9924	-0.0002
2023-09-04T11:26:57	1	0	48	47	1	0.9519	0.9520	0.0001	0.9855	0.9855	0.0000
2023-09-04T11:28:30	1	0	1	1	0	0.9440	0.9443	0.0003	0.9895	0.9894	0.0001
2023-09-04T11:29:22	1	0	10	10	0	1.0467	1.0465	-0.0002	0.9997	0.9997	0.0000
2023-09-04T11:29:46	1	0	67	66	1	1.0559	1.0556	-0.0003	-0.9851	-0.985	-0.0001
2023-09-04T11:30:24	4	0	1	1	0	1.0606	1.0606	0.0000	0.9864	0.9864	0.0000
2023-09-04T11:31:04	3	0	147	142	5	0.9255	0.9260	0.0004	0.9903	0.9906	-0.0003
2023-09-04T11:31:17	1	0	2	2	0	0.9819	0.9818	-0.0002	0.9999	0.9999	0.0000
2023-09-04T11:31:35	1	0	1	1	0	1.0392	1.0387	-0.0005	0.9679	0.9676	0.0003
2023-09-04T11:32:45	1	0	8	8	0	1.0465	1.0462	-0.0003	0.9974	0.9974	0.0000
2023-09-04T11:34:09	1	0	62	67	-5	0.9505	0.9507	0.0002	0.9703	0.9704	-0.0001
2023-09-04T11:35:13	1	0	2	2	0	0.9926	0.9928	0.0002	0.9978	0.9978	0.0000
2023-09-04T11:35:18	2	0	1	0	1	1.0450	null	null	-0.963	-0.9629	-0.0001
2023-09-04T11:35:36	5	0	19	18	1	1.0490	1.0479	-0.0011	0.9658	0.9741	-0.0083
2023-09-04T11:36:01	1	0	3	3	0	0.9930	0.9925	-0.0005	0.9597	0.9575	0.0022
2023-09-04T11:36:34	2	0	5	5	0	1.0285	1.0284	-0.0002	0.9664	0.9658	0.0006
2023-09-04T11:37:09	2	0	8	8	0	0.9990	0.9988	-0.0003	-0.9996	-0.9996	0.0000
2023-09-04T11:37:26	1	0	2	2	0	1.0358	1.0358	0.0000	0.9992	0.9992	0.0000
2023-09-04T11:38:36	3	0	4	4	0	0.9419	0.9428	0.0009	0.9881	0.9884	-0.0003
2023-09-04T11:39:29	1	0	3	3	0	0.9382	0.9382	0.0000	0.9919	0.9896	0.0023
2023-09-04T11:39:55	3	0	8	8	0	1.0419	1.0419	0.0000	-0.9895	-0.9896	0.0001
2023-09-04T11:40:10	1	0	85	85	0	0.9451	0.9451	0.0000	-0.9998	-0.9998	0.0000
2023-09-04T11:40:14	2	0	15	15	0	1.0313	1.0312	-0.0002	0.9716	0.9717	-0.0001

2023-09-04T11:40:34	1	0	8	8	0	0.9679	0.9679	0.0000	0.9797	0.9796	0.0001
2023-09-04T11:42:06	8	0	84	83	1	0.9374	0.9374	0.0000	0.9821	0.9821	0.0000
2023-09-04T11:43:12	1	0	27	23	4	0.9652	0.9657	0.0005	0.97	0.97	0.0000
2023-09-04T11:44:50	1	0	51	50	1	1.0554	1.0552	-0.0002	-0.9885	-0.9884	-0.0001
2023-09-04T11:45:25	4	0	1	1	0	1.0602	1.0602	0.0000	0.9884	0.9884	0.0000
2023-09-04T11:46:02	1	0	5	5	0	1.0582	1.0582	0.0000	-0.9629	-0.9594	-0.0035
2023-09-04T11:46:41	1	0	3	3	0	1.0517	1.0515	-0.0002	0.9675	0.9672	0.0003
2023-09-04T11:48:09	2	0	4	5	-1	0.9943	1.0067	0.0124	0.9627	0.9626	0.0001
2023-09-04T11:49:16	1	0	13	16	-3	0.9556	0.9540	-0.0016	0.9667	0.9667	0.0000
2023-09-04T11:50:19	2	0	3	3	0	1.0495	1.0489	-0.0005	-0.9669	-0.9671	0.0002
2023-09-04T11:50:40	5	0	13	13	0	1.0275	1.0274	-0.0001	0.9554	0.9635	-0.0081
2023-09-04T11:52:01	1	0	10	10	0	0.9424	0.9424	0.0000	0.9963	0.9961	0.0002
2023-09-04T11:52:15	2	0	7	7	0	0.9944	0.9942	-0.0003	-0.9995	-0.9995	0.0000
2023-09-04T11:52:35	1	0	2	2	0	1.0464	1.0464	0.0000	0.9992	0.9992	0.0000
2023-09-04T11:53:37	3	0	1	3	-2	0.9393	0.9429	0.0036	0.9887	0.9886	0.0001
2023-09-04T11:54:30	1	0	22	22	0	0.9399	0.9399	0.0000	0.9907	0.9883	0.0024
2023-09-04T11:54:56	3	0	6	6	0	1.0396	1.0396	0.0000	-0.9921	-0.9921	0.0000
2023-09-04T11:56:13	2	0	3	3	0	1.0223	1.0213	-0.0010	-0.9888	-0.9882	-0.0006
2023-09-04T11:59:54	1	0	41	41	0	1.0566	1.0565	-0.0001	-0.994	-0.9938	-0.0002
2023-09-04T12:00:26	4	0	1	1	0	1.0613	1.0613	0.0000	0.9874	0.9875	-0.0001
2023-09-04T12:01:03	1	0	3	3	0	1.0653	1.0653	0.0000	-0.964	-0.9639	-0.0001
2023-09-04T12:01:19	1	0	2	2	0	0.9400	0.9400	0.0000	0.9996	0.9996	0.0000
2023-09-04T12:03:27	2	0	5	5	0	0.9684	0.9685	0.0000	0.9626	0.9626	0.0000
2023-09-04T12:05:23	1	0	3	3	0	0.9768	0.9768	0.0000	0.997	0.997	0.0000
2023-09-04T12:05:45	5	0	4	4	0	1.0310	1.0309	-0.0001	0.9705	0.9703	0.0002
2023-09-04T12:07:20	2	0	6	6	0	1.0045	1.0043	-0.0002	-0.9998	-0.9998	0.0000
2023-09-04T12:09:31	1	0	1	1	0	0.9439	0.9439	0.0000	0.9904	0.9904	0.0000
2023-09-04T12:11:14	2	0	4	4	0	1.0167	1.0162	-0.0005	-0.9851	-0.9853	0.0002
2023-09-04T12:13:14	1	0	4	4	0	1.0358	1.0357	0.0000	0.9864	0.9863	0.0001
2023-09-04T12:18:57	2	0	1	1	0	0.9585	0.9590	0.0005	0.9896	0.9896	0.0000
2023-09-04T12:25:08	2	0	3	3	0	1.0592	1.0564	-0.0027	0.9994	0.9994	0.0000
2023-09-04T12:25:13	1	0	85	85	0	0.9436	0.9436	0.0000	-0.9999	-0.9999	0.0000
2023-09-04T12:25:26	2	0	11	11	0	1.0125	1.0128	0.0003	0.9678	0.9678	0.0000
2023-09-04T12:36:42	2	0	4	4	0	0.9956	0.9943	-0.0013	0.942	0.9423	-0.0003
2023-09-04T12:46:31	1	0	5	5	0	0.9680	0.9680	0.0000	0.9979	0.9979	0.0000
2023-09-04T12:50:51	4	0	3	3	0	1.0304	1.0304	0.0000	0.9753	0.9751	0.0002
2023-09-04T12:57:19	8	0	103	103	0	0.9373	0.9372	-0.0001	0.9808	0.9805	0.0003
2023-09-04T12:58:33	1	0	39	39	0	1.0527	1.0527	0.0000	0.9995	0.9995	0.0000
2023-09-04T13:13:59	1	0	3	3	0	0.9722	0.9721	-0.0001	-0.9998	-0.9998	0.0000
2023-09-04T13:21:01	2	0	1	0	1	0.9442	null	null	0.9909	0.9913	-0.0004
2023-09-04T13:38:10	1	0	5	5	0	1.0107	1.0108	0.0001	0.9781	0.9778	0.0003
2023-09-04T13:38:27	1	0	15	14	1	0.9726	0.9746	0.0021	0.9919	0.9912	0.0007
2023-09-04T13:45:17	1	0	106	104	2	1.0614	1.0611	-0.0003	-0.994	-0.9941	0.0001
2023-09-04T13:52:48	1	0	5	5	0	1.0477	1.0477	0.0000	-0.9985	-0.9985	0.0000
2023-09-04T13:53:11	1	0	6	6	0	0.9985	0.9986	0.0001	0.9789	0.9788	0.0001
2023-09-04T14:00:34	1	0	1	1	0	0.9392	0.9395	0.0003	0.9935	0.9935	0.0000
2023-09-04T14:01:04	3	0	4	4	0	1.0022	1.0024	0.0002	0.989	0.9895	-0.0005
2023-09-04T14:01:53	1	0	4	4	0	1.0365	1.0362	-0.0002	0.9619	0.9617	0.0002
2023-09-04T14:04:05	2	0	39	36	3	0.9408	0.9410	0.0002	0.9858	0.9858	0.0000
2023-09-04T14:04:24	1	0	1	1	0	0.9410	0.9410	0.0000	0.9882	0.9882	0.0000
2023-09-04T14:04:59	1	0	106	104	2	0.9314	0.9318	0.0003	0.962	0.9622	-0.0002
2023-09-04T14:05:28	3	0	11	9	2	0.9418	0.9420	0.0003	-0.9779	-0.9774	-0.0005
2023-09-04T14:06:15	1	0	50	50	0	0.9484	0.9485	0.0000	0.9905	0.9908	-0.0003
2023-09-04T14:06:27	11	0	8	9	-1	0.9508	0.9501	-0.0007	0.9917	0.9917	0.0000
2023-09-04T14:06:27	1	0	4	4	0	1.0234	1.0233	-0.0002	0.9759	0.9757	0.0002
2023-09-04T14:06:35	1	0	3	3	0	0.9375	0.9376	0.0001	0.9856	0.9855	0.0001
2023-09-04T14:07:44	1	0	15	15	0	0.9648	0.9647	-0.0001	0.9999	0.9999	0.0000
2023-09-04T14:07:54	1	0	6	6	0	1.0470	1.0470	0.0000	-0.9983	-0.9983	0.0000
2023-09-04T14:08:01	1	0	13	13	0	1.0526	1.0526	0.0000	-0.9999	-0.9999	0.0000
2023-09-04T14:08:01	2	0	33	31	2	1.0597	1.0591	-0.0006	-0.9904	-0.9906	0.0002
2023-09-04T14:08:12	2	0	6	6	0	0.9991	0.9991	0.0000	0.978	0.9776	0.0004
2023-09-04T14:08:46	3	0	1	1	0	0.9392	0.9395	0.0003	0.9903	0.9904	-0.0001
2023-09-04T14:09:39	1	0	9	9	0	0.9460	0.9461	0.0000	0.9884	0.9885	-0.0001
2023-09-04T14:10:08	3	0	94	93	1	0.9438	0.9441	0.0003	-0.9966	-0.9966	0.0000
2023-09-04T14:10:33	2	0	87	87	0	0.9506	0.9506	0.0000	0.9655	0.9649	0.0006
2023-09-04T14:12:02	6	0	9	8	1	0.9630	0.9581	-0.0050	0.9961	0.9962	-0.0001
2023-09-04T14:12:31	7	0	251	245	6	0.9218	0.9191	-0.0027	0.974	0.9747	-0.0007
2023-09-04T14:12:44	2	0	3	3	0	0.9403	0.9403	0.0000	0.9988	0.9988	0.0000
2023-09-04T14:14:03	2	0	3	3	0	0.9393	0.9399	0.0006	-1	-1	0.0000
2023-09-04T14:14:39	1	0	59	54	5	0.9416	0.9421	0.0005	0.9999	1	-0.0001
2023-09-04T14:15:24	1	0	102	100	2	1.0603	1.0599	-0.0004	-0.9941	-0.9942	0.0001
2023-09-04T14:16:19	1	0	155	155	0	0.9329	0.9329	0.0000	0.991	0.991	0.0000
2023-09-04T14:16:44	2	0	163	161	2	0.9353	0.9357	0.0005	0.9943	0.9944	-0.0001
2023-09-04T14:16:57	5	0	13	12	1	0.9566	0.9583	0.0017	0.999	0.999	0.0000
2023-09-04T14:18:56	3	0	11	11	0	0.9833	0.9836	0.0003	0.986	0.9862	-0.0002
2023-09-04T14:19:06	2	0	31	30	1	0.9633	0.9642	0.0009	0.9968	0.9968	0.0000
2023-09-04T14:19:15	1	0	14	14	0	0.9942	0.9944	0.0002	0.9997	0.9997	0.0000
2023-09-04T14:20:09	1	0	80	79	1	0.9379	0.9385	0.0005	0.9638	0.9639	-0.0001
2023-09-04T14:20:39	1	0	4	4	0	0.9586	0.9590	0.0003	0.997	0.9971	-0.0001
2023-09-04T14:20:48	5	0	8	9	-1	1.0505	1.0501	-0.0004	0.9628	0.9629	-0.0001
2023-09-04T14:21:16	1	0	55	55	0	0.9477	0.9477	0.0000	0.9904	0.9906	-0.0002
2023-09-04T14:21:36	1	0	3	3	0	0.9377	0.9377	0.0000	0.9852	0.9846	0.0006
2023-09-04T14:21:37	8	0	7	7	0	0.9529	0.9528	0.0000	0.9923	0.9924	-0.0001
2023-09-04T14:22:50	1	0	17	16	1	0.9798	0.9762	-0.0036	-1	-1	0.0000
2023-09-04T14:23:04	1	0	3	3	0	1.0060	1.0059	-0.0001	-0.9998	-0.9999	0.0001

2023-09-04T14:23:09	2	0	31	30	1	1.0590	1.0588	-0.0002	-0.9918	-0.9918	0.0000
2023-09-04T14:23:13	2	0	6	6	0	0.9984	0.9984	0.0001	0.9771	0.9768	0.0003
2023-09-04T14:23:37	3	0	16	15	1	0.9613	0.9625	0.0013	0.9932	0.9925	0.0007
2023-09-04T14:23:47	3	0	26	25	1	0.9417	0.9419	0.0002	0.9885	0.9885	0.0000
2023-09-04T14:25:10	3	0	55	54	1	0.9438	0.9440	0.0002	-0.9964	-0.9964	0.0000
2023-09-04T14:25:21	1	0	142	142	0	0.9262	0.9262	0.0000	0.9998	0.9998	0.0000
2023-09-04T14:25:34	2	0	81	82	-1	0.9555	0.9555	0.0000	0.9653	0.9648	0.0005
2023-09-04T14:27:17	6	0	37	34	3	0.9542	0.9551	0.0009	0.9952	0.9904	0.0048
2023-09-04T14:27:44	9	0	248	245	3	0.9276	0.9268	-0.0008	0.9741	0.9747	-0.0006
2023-09-04T14:27:45	3	0	2	2	0	0.9584	0.9589	0.0005	0.9992	0.9992	0.0000
2023-09-04T14:28:23	1	0	6	6	0	1.0343	1.0342	-0.0001	0.9967	0.9967	0.0000
2023-09-04T14:29:05	2	0	3	3	0	0.9382	0.9383	0.0001	-0.9999	-0.9999	0.0000
2023-09-04T14:29:44	1	0	52	50	2	0.9410	0.9413	0.0003	1	1	0.0000
2023-09-04T14:30:27	1	0	100	97	3	1.0596	1.0592	-0.0004	-0.9942	-0.9944	0.0002
2023-09-04T14:30:36	4	0	3	3	0	0.9809	0.9814	0.0005	0.9937	0.9936	0.0001
2023-09-04T14:31:09	3	0	3	3	0	1.0022	1.0014	-0.0008	0.989	0.9892	-0.0002
2023-09-04T14:31:13	1	0	1	1	0	0.9415	0.9415	0.0000	0.9927	0.9927	0.0000
2023-09-04T14:31:45	2	0	212	212	0	0.9290	0.9292	0.0001	0.9931	0.9931	0.0000
2023-09-04T14:31:51	1	0	3	3	0	1.0352	1.0349	-0.0003	0.9772	0.9769	0.0003
2023-09-04T14:32:00	1	0	3	3	0	1.0089	1.0087	-0.0002	0.9644	0.9639	0.0005
2023-09-04T14:32:10	5	0	15	14	1	0.9490	0.9495	0.0005	0.9989	0.9989	0.0000
2023-09-04T14:33:08	1	0	46	43	3	0.9381	0.9388	0.0007	0.9565	0.9575	-0.0010
2023-09-04T14:33:55	2	0	81	79	2	0.9397	0.9399	0.0002	0.9635	0.9634	0.0001
2023-09-04T14:33:57	2	0	2	2	0	1.0519	1.0516	-0.0002	0.9882	0.9882	0.0000
2023-09-04T14:34:09	2	0	37	35	2	0.9600	0.9603	0.0002	0.997	0.9971	-0.0001
2023-09-04T14:34:16	1	0	8	8	0	1.0189	1.0189	0.0000	0.9995	0.9995	0.0000
2023-09-04T14:35:10	2	0	3	2	1	1.0469	1.0465	-0.0003	0.9989	0.9988	0.0001
2023-09-04T14:35:18	1	0	97	95	2	0.9342	0.9347	0.0006	0.9631	0.9632	-0.0001
2023-09-04T14:35:30	3	0	5	5	0	0.9434	0.9440	0.0005	-0.9743	-0.9739	-0.0004
2023-09-04T14:35:49	1	0	4	4	0	0.9552	0.9555	0.0003	0.9966	0.9964	0.0002
2023-09-04T14:36:17	1	0	56	56	0	0.9461	0.9461	0.0000	0.9911	0.9914	-0.0003
2023-09-04T14:36:49	1	0	2	2	0	1.0114	1.0112	-0.0002	0.9732	0.9731	0.0001
2023-09-04T14:37:03	2	0	5	5	0	0.9758	0.9755	-0.0002	0.9866	0.9863	0.0003
2023-09-04T14:37:57	2	0	27	26	1	0.9572	0.9574	0.0001	1	1	0.0000
2023-09-04T14:38:14	3	0	7	7	0	0.9890	0.9891	0.0001	0.9772	0.9771	0.0001
2023-09-04T14:38:14	1	0	5	5	0	1.0480	1.0480	0.0000	-0.9977	-0.9978	0.0001
2023-09-04T14:38:16	2	0	28	28	0	1.0570	1.0568	-0.0001	-0.9925	-0.9925	0.0000
2023-09-04T14:38:38	3	0	17	17	0	0.9547	0.9547	0.0000	0.9932	0.9932	0.0000
2023-09-04T14:38:48	3	0	1	1	0	0.9377	0.9378	0.0001	0.9885	0.9885	0.0000
2023-09-04T14:40:11	3	0	65	64	1	0.9387	0.9388	0.0001	-0.9973	-0.9973	0.0000
2023-09-04T14:40:22	1	0	113	113	0	0.9306	0.9306	0.0000	0.9998	0.9998	0.0000
2023-09-04T14:42:31	7	0	75	68	7	0.9453	0.9458	0.0005	0.994	0.9945	-0.0005
2023-09-04T14:42:54	3	0	5	5	0	0.9408	0.9409	0.0001	0.9985	0.9985	0.0000
2023-09-04T14:42:57	8	0	191	191	0	0.9311	0.9315	0.0004	0.976	0.9763	-0.0003
2023-09-04T14:43:17	1	0	18	12	6	0.9442	0.9438	-0.0004	0.9983	0.9984	-0.0001
2023-09-04T14:43:30	1	0	6	6	0	1.0330	1.0330	0.0000	0.9962	0.9961	0.0001
2023-09-04T14:44:06	4	0	4	4	0	0.9357	0.9357	0.0001	-1	-1	0.0000
2023-09-04T14:44:29	1	0	193	190	3	0.9351	0.9352	0.0000	0.9983	0.9984	-0.0001
2023-09-04T14:44:49	1	0	54	52	2	0.9403	0.9406	0.0003	1	1	0.0000
2023-09-04T14:45:31	1	0	87	82	5	1.0588	1.0585	-0.0003	-0.9944	-0.9945	0.0001
2023-09-04T14:45:37	4	0	3	3	0	0.9900	0.9901	0.0001	0.9945	0.9945	0.0000
2023-09-04T14:46:06	1	0	80	73	7	0.9284	0.9286	0.0002	0.9991	0.9991	0.0000
2023-09-04T14:46:13	3	0	31	25	6	0.9470	0.9497	0.0027	0.9884	0.989	-0.0006
2023-09-04T14:46:30	6	0	205	204	1	0.9292	0.9283	-0.0009	0.9922	0.9922	0.0000
2023-09-04T14:46:54	1	0	3	3	0	1.0352	1.0349	-0.0004	0.9768	0.9765	0.0003
2023-09-04T14:48:09	1	0	40	38	2	0.9396	0.9395	-0.0001	0.9562	0.9566	-0.0004
2023-09-04T14:49:10	1	0	1	1	0	0.9442	0.9448	0.0006	0.9827	0.9825	0.0002
2023-09-04T14:49:23	4	0	123	117	6	0.9157	0.9163	0.0006	0.9902	0.9905	-0.0003
2023-09-04T14:49:27	1	0	67	67	0	0.9406	0.9406	0.0000	0.9907	0.9907	0.0000
2023-09-04T14:51:03	2	0	2	2	0	1.0270	1.0263	-0.0008	0.9819	0.9813	0.0006
2023-09-04T14:51:09	2	0	2	2	0	0.9409	0.9412	0.0003	0.9897	0.9898	-0.0001
2023-09-04T14:51:38	1	0	3	3	0	0.9379	0.9379	0.0000	0.9908	0.9907	0.0001
2023-09-04T14:53:05	1	0	25	25	0	1.0534	1.0534	0.0000	-0.9993	-0.9993	0.0000
2023-09-04T14:53:15	2	0	5	5	0	0.9987	0.9987	0.0001	0.9849	0.9846	0.0003
2023-09-04T14:55:23	1	0	155	155	0	0.9188	0.9188	0.0000	-0.9984	-0.9984	0.0000
2023-09-04T14:55:45	4	0	129	129	0	0.9465	0.9465	0.0000	0.9646	0.9643	0.0003
2023-09-04T14:56:25	2	0	54	52	2	0.9389	0.9391	0.0002	-0.9968	-0.9967	-0.0001
2023-09-04T14:58:07	1	0	205	205	0	0.9236	0.9238	0.0002	0.98	0.9803	-0.0003
2023-09-04T15:02:15	1	0	1	1	0	1.0392	1.0384	-0.0008	0.9997	0.9997	0.0000
2023-09-04T15:07:18	1	0	1	1	0	0.9396	0.9399	0.0003	1	1	0.0000
2023-09-04T15:10:52	1	0	5	5	0	0.9767	0.9769	0.0002	0.9817	0.9814	0.0003
2023-09-04T15:12:59	1	0	26	23	3	0.9448	0.9530	0.0082	0.9959	0.9959	0.0000
2023-09-04T15:13:46	1	0	1	1	0	0.9449	0.9449	0.0000	0.9924	0.9939	-0.0015
2023-09-04T15:18:13	1	0	1	1	0	0.9813	0.9817	0.0004	0.9592	0.9589	0.0003
2023-09-04T15:19:00	1	0	7	7	0	0.9431	0.9432	0.0001	0.9866	0.9867	-0.0001
2023-09-04T15:20:42	1	0	20	18	2	0.9509	0.9518	0.0009	-0.9957	-0.9982	0.0025
2023-09-04T15:20:52	2	0	1	1	0	1.0457	1.0455	-0.0002	0.9599	0.9599	0.0000
2023-09-04T15:21:16	1	0	1	1	0	0.9928	0.9945	0.0017	0.99	0.9904	-0.0004
2023-09-04T15:26:40	1	0	6	7	-1	1.0487	1.0496	0.0010	0.9998	0.9998	0.0000
2023-09-04T15:28:19	1	0	16	14	2	0.9534	0.9535	0.0001	0.9965	0.9964	0.0001
2023-09-04T15:32:17	1	0	3	3	0	1.0373	1.0372	-0.0001	0.9992	0.9992	0.0000
2023-09-04T15:36:52	9	0	37	37	0	0.9439	0.9427	-0.0013	0.9933	0.9934	-0.0001
2023-09-04T15:37:42	1	0	3	3	0	0.9346	0.9349	0.0003	0.9947	0.9948	-0.0001
2023-09-04T15:38:42	1	0	7	7	0	1.0210	1.0210	0.0000	0.9995	0.9995	0.0000
2023-09-04T15:41:12	1	0	4	4	0	0.9397	0.9400	0.0003	0.9948	0.9947	0.0001

2023-09-04T15:41:13	1	0	31	29	2	0.9540	0.9549	0.0009	0.9986	0.9987	-0.0001
2023-09-04T15:43:32	1	0	12	11	1	0.9544	0.9554	0.0011	0.9964	0.9963	0.0001
2023-09-04T15:45:41	3	0	1	0	1	0.9447	null	null	0.9977	0.9977	0.0000
2023-09-04T15:45:53	4	0	6	6	0	0.9425	0.9429	0.0004	0.9992	0.9992	0.0000
2023-09-04T15:46:46	1	0	220	222	-2	0.9233	0.9233	0.0000	0.9978	0.9978	0.0000
2023-09-04T15:49:31	1	0	19	17	2	0.9433	0.9432	-0.0001	0.9899	0.99	-0.0001
2023-09-04T15:51:59	1	0	14	14	0	0.9470	0.9471	0.0000	0.9928	0.9928	0.0000
2023-09-04T15:52:21	1	0	2	2	0	0.9428	0.9431	0.0003	0.9999	1	-0.0001
2023-09-04T15:56:04	2	0	1	1	0	1.0244	1.0238	-0.0006	0.9767	0.9766	0.0001
2023-09-04T15:56:33	1	0	21	21	0	0.9470	0.9471	0.0001	-0.9944	-0.9942	-0.0002
2023-09-04T15:56:54	1	0	1	1	0	0.9419	0.9424	0.0005	0.9679	0.9681	-0.0002
2023-09-04T16:00:42	3	0	2	2	0	0.9382	0.9383	0.0001	0.9935	0.9935	0.0000
2023-09-04T16:01:56	1	0	158	158	0	0.9273	0.9273	0.0000	0.9982	0.9981	0.0001
2023-09-04T16:07:00	8	0	24	21	3	0.9442	0.9443	0.0001	0.9927	0.993	-0.0003
2023-09-04T16:07:13	1	0	1	1	0	0.9427	0.9431	0.0004	0.9986	0.9986	0.0000
2023-09-04T16:17:09	1	0	196	194	2	0.9246	0.9246	0.0000	0.9987	0.9987	0.0000
2023-09-04T16:17:57	1	0	2	2	0	0.9757	0.9760	0.0003	0.9964	0.9964	0.0000
2023-09-04T16:34:40	5	0	151	150	1	0.9474	0.9477	0.0003	0.9952	0.9953	-0.0001
2023-09-04T16:38:22	2	0	20	19	1	0.9572	0.9579	0.0007	0.9831	0.9829	0.0002
2023-09-04T16:38:56	1	0	60	60	0	0.9360	0.9360	0.0000	0.9886	0.9923	-0.0037
2023-09-04T16:41:36	1	0	37	36	1	0.9414	0.9416	0.0002	-0.9949	-0.9944	-0.0005
2023-09-04T16:45:21	1	0	6	6	0	0.9403	0.9404	0.0001	0.9897	0.9898	-0.0001
2023-09-04T16:49:54	1	0	141	139	2	0.9517	0.9519	0.0001	0.9983	0.9983	0.0000
2023-09-04T16:56:44	1	0	182	182	0	0.9326	0.9327	0.0001	0.9568	0.9569	-0.0001
2023-09-04T17:00:46	3	0	16	5	11	0.9439	0.9472	0.0033	0.9933	0.9934	-0.0001
2023-09-04T17:05:04	4	0	147	147	0	0.9520	0.9521	0.0001	0.9988	0.9988	0.0000
2023-09-04T17:11:45	1	0	159	157	2	0.9349	0.9350	0.0000	0.9568	0.9568	0.0000
2023-09-04T17:20:14	4	0	83	83	0	0.9519	0.9519	0.0000	0.9986	0.9986	0.0000
2023-09-04T17:21:02	1	0	49	48	1	0.9411	0.9412	0.0001	0.9943	0.9944	-0.0001
2023-09-04T18:06:17	1	0	80	80	0	0.9382	0.9382	0.0001	0.9946	0.9947	-0.0001
2023-09-05T07:52:50	1	0	27	26	1	0.9498	0.9501	0.0002	-0.9953	-0.9948	-0.0005
2023-09-05T08:05:03	3	0	534	533	1	0.8788	0.8789	0.0001	0.8782	0.8781	0.0001
2023-09-05T08:07:51	1	0	35	35	0	0.9572	0.9572	0.0000	-0.9994	-0.9993	-0.0001
2023-09-05T08:14:15	1	0	81	81	0	1.0562	1.0561	-0.0001	-0.928	-0.9276	-0.0004
2023-09-05T08:17:54	2	0	71	69	2	1.0242	1.0241	0.0000	0.964	0.9639	0.0001
2023-09-05T08:20:30	1	0	47	44	3	0.9424	0.9424	0.0000	0.991	0.9914	-0.0004
2023-09-05T08:32:55	2	0	119	119	0	1.0403	1.0403	0.0000	0.9595	0.9594	0.0001
2023-09-05T08:36:53	1	0	11	10	1	0.9395	0.9392	-0.0002	-0.9988	-0.9987	-0.0001
2023-09-05T08:41:47	2	0	32	30	2	1.0557	1.0557	0.0000	-1	-1	0.0000
2023-09-05T09:03:43	1	0	46	45	1	0.9374	0.9377	0.0003	0.9855	0.9855	0.0000
2023-09-05T09:11:47	5	0	5	5	0	0.9384	0.9389	0.0004	0.9725	0.9729	-0.0004
2023-09-05T09:14:23	1	0	41	41	0	1.0510	1.0509	0.0000	-0.9568	-0.9564	-0.0004
2023-09-05T09:15:47	1	0	3	3	0	0.9012	0.9017	0.0005	0.9858	0.9855	0.0003
2023-09-05T09:18:31	1	0	6	6	0	0.9730	0.9730	0.0000	0.9506	0.951	-0.0004
2023-09-05T09:26:16	1	0	5	5	0	1.0129	1.0130	0.0001	0.9602	0.96	0.0002
2023-09-05T09:59:37	1	0	2	2	0	0.9408	0.9415	0.0007	0.9836	0.9833	0.0003
2023-09-05T10:02:18	4	0	53	53	0	0.9312	0.9490	0.0178	0.9951	0.9951	0.0000
2023-09-05T10:03:47	1	0	3	3	0	1.1491	1.1490	-0.0001	0.9873	0.9872	0.0001
2023-09-05T10:03:49	1	0	6	5	1	0.9477	0.9490	0.0013	0.915	0.9153	-0.0003
2023-09-05T10:04:33	1	0	1	1	0	0.9403	0.9407	0.0004	-0.9737	-0.974	0.0003
2023-09-05T10:28:51	5	0	10	10	0	0.9371	0.9371	0.0000	0.9857	0.9857	0.0000
2023-09-05T10:30:15	1	0	2	2	0	1.0505	1.0502	-0.0003	0.9998	0.9998	0.0000
2023-09-05T11:01:28	2	0	2	0	2	1.0454	null	null	-0.9092	-0.9099	0.0007
2023-09-05T11:01:29	3	0	297	296	1	0.8626	0.8630	0.0004	0.9287	0.9288	-0.0001
2023-09-05T11:01:44	4	0	23	21	2	1.0532	1.0522	-0.0009	0.9891	0.9886	0.0005
2023-09-05T11:01:48	7	0	17	14	3	1.0344	1.0404	0.0059	0.9954	0.9952	0.0002
2023-09-05T11:02:51	1	0	12	10	2	0.9632	0.9608	-0.0025	0.9999	0.9998	0.0001
2023-09-05T11:03:00	1	0	3	3	0	1.0408	1.0405	-0.0003	-1	-1	0.0000
2023-09-05T11:03:13	1	0	6	5	1	0.9388	0.9395	0.0007	-0.9971	-0.9967	-0.0004
2023-09-05T11:03:55	1	0	2	2	0	0.9032	0.9035	0.0003	1	1	0.0000
2023-09-05T11:04:14	1	0	99	98	1	0.9371	0.9375	0.0004	0.9975	0.9975	0.0000
2023-09-05T11:04:45	2	0	89	87	2	0.9212	0.9223	0.0011	0.9989	0.999	-0.0001
2023-09-05T11:05:42	2	0	16	16	0	0.9774	0.9773	-0.0002	0.9633	0.9631	0.0002
2023-09-05T11:06:04	2	0	3	3	0	1.0483	1.0468	-0.0016	0.9926	0.9927	-0.0001
2023-09-05T11:06:08	2	0	13	11	2	0.9563	0.9589	0.0026	-0.9998	-0.9998	0.0000
2023-09-05T11:06:54	1	0	3	3	0	1.0129	1.0131	0.0003	0.9946	0.9939	0.0007
2023-09-05T11:08:00	2	0	108	109	-1	0.9305	0.9316	0.0012	0.9744	0.9735	0.0009
2023-09-05T11:08:52	1	0	1	1	0	0.9658	0.9674	0.0016	0.9987	0.9987	0.0000
2023-09-05T11:09:22	2	0	11	11	0	0.9629	0.9632	0.0002	0.9917	0.9918	-0.0001
2023-09-05T11:10:26	1	0	4	4	0	1.0161	1.0157	-0.0004	0.999	0.9989	0.0001
2023-09-05T11:10:37	1	0	120	116	4	1.0605	1.0595	-0.0009	-0.99	-0.9904	0.0004
2023-09-05T11:12:06	1	0	3	3	0	0.9662	0.9664	0.0002	0.9877	0.9873	0.0004
2023-09-05T11:12:08	3	0	19	20	-1	1.0467	1.0472	0.0006	0.9865	0.9863	0.0002
2023-09-05T11:12:28	1	0	3	3	0	1.0440	1.0436	-0.0004	0.9691	0.9682	0.0009
2023-09-05T11:12:43	1	0	133	127	6	0.9397	0.9399	0.0002	0.998	0.998	0.0000
2023-09-05T11:13:27	2	0	77	73	4	0.9430	0.9434	0.0004	0.9797	0.9796	0.0001
2023-09-05T11:13:47	1	0	1	0	1	1.0557	null	null	0.98	0.9799	0.0001
2023-09-05T11:14:57	3	0	13	13	0	0.9387	0.9391	0.0004	0.9839	0.9839	0.0000
2023-09-05T11:15:05	1	0	79	76	3	0.9154	0.9168	0.0014	0.9966	0.9965	0.0001
2023-09-05T11:16:10	1	0	1	1	0	1.0456	1.0452	-0.0004	0.9965	0.9964	0.0001
2023-09-05T11:17:06	1	0	2	2	0	0.9788	0.9786	-0.0002	0.9996	0.9997	-0.0001
2023-09-05T11:19:56	1	0	51	51	0	0.9370	0.9370	0.0000	0.9998	0.9998	0.0000
2023-09-05T11:21:17	1	0	5	5	0	0.9933	0.9927	-0.0005	0.991	0.9909	0.0001
2023-09-05T11:21:20	1	0	5	5	0	0.9766	0.9765	-0.0001	0.996	0.9959	0.0001
2023-09-05T11:25:40	1	0	112	104	8	1.0592	1.0585	-0.0007	-0.9935	-0.9937	0.0002

2023-09-05T11:29:22	2	0	166	154	12	0.9917	0.9917	0.0000	0.9623	0.9623	0.0000
2023-09-05T11:30:01	4	0	135	132	3	0.9260	0.9256	-0.0004	0.979	0.9792	-0.0002
2023-09-05T11:30:06	4	0	124	112	12	0.9067	0.9089	0.0022	0.9951	0.9952	-0.0001
2023-09-05T11:30:50	1	0	3	3	0	0.9478	0.9484	0.0005	0.9771	0.9766	0.0005
2023-09-05T11:31:11	2	0	1	0	1	1.0452	null	null	0.9959	0.9959	0.0000
2023-09-05T11:31:24	1	0	5	5	0	1.0176	1.0173	-0.0002	0.9773	0.9771	0.0002
2023-09-05T11:32:10	1	0	1	1	0	0.9225	0.9225	0.0000	0.9996	0.9996	0.0000
2023-09-05T11:32:14	1	0	16	16	0	0.9675	0.9675	0.0001	0.9846	0.9846	0.0000
2023-09-05T11:32:57	1	0	22	22	0	0.9524	0.9496	-0.0028	0.999	0.9989	0.0001
2023-09-05T11:33:00	2	0	15	15	0	0.9433	0.9433	0.0001	0.8089	0.8102	-0.0013
2023-09-05T11:33:10	1	0	4	4	0	1.0182	1.0182	-0.0001	-1	-1	0.0000
2023-09-05T11:34:33	1	0	2	2	0	0.9164	0.9166	0.0002	0.9998	0.9998	0.0000
2023-09-05T11:35:53	2	0	34	34	0	0.9646	0.9647	0.0001	0.9677	0.9663	0.0014
2023-09-05T11:36:33	5	0	3	3	0	1.0210	1.0200	-0.0010	0.9935	0.9942	-0.0007
2023-09-05T11:36:56	1	0	2	2	0	0.9825	0.9826	0.0001	0.9994	0.9994	0.0000
2023-09-05T11:40:43	1	0	100	100	0	1.0587	1.0585	-0.0002	-0.9947	-0.9947	0.0000
2023-09-05T11:41:13	1	0	43	36	7	0.9412	0.9422	0.0010	0.98	0.98	0.0000
2023-09-05T11:41:37	1	0	5	5	0	0.9601	0.9602	0.0001	0.9883	0.9883	0.0000
2023-09-05T11:43:49	1	0	3	3	0	0.9784	0.9784	0.0000	0.9768	0.9768	0.0000
2023-09-05T11:44:45	1	0	36	14	22	0.9418	0.9424	0.0006	0.9392	0.9395	-0.0003
2023-09-05T11:45:09	2	0	3	3	0	0.9995	0.9999	0.0004	0.9933	0.9933	0.0000
2023-09-05T11:45:58	1	0	4	4	0	0.9565	0.9567	0.0001	0.9751	0.9744	0.0007
2023-09-05T11:46:33	1	0	3	3	0	0.9977	0.9976	-0.0001	0.9763	0.9762	0.0001
2023-09-05T11:48:01	2	0	22	22	0	0.9559	0.9557	-0.0001	0.9992	0.9992	0.0000
2023-09-05T11:48:16	1	0	4	5	-1	0.9389	0.9395	0.0007	-0.9967	-0.9967	0.0000
2023-09-05T11:49:15	2	0	3	3	0	0.9969	0.9973	0.0004	0.9541	0.9538	0.0003
2023-09-05T11:51:05	2	0	90	90	0	0.9495	0.9496	0.0001	0.9664	0.9628	0.0036
2023-09-05T11:51:22	1	0	4	4	0	1.0228	1.0228	0.0000	0.9986	0.9986	0.0000
2023-09-05T11:53:02	6	0	91	88	3	0.9325	0.9325	0.0000	0.9711	0.9717	-0.0006
2023-09-05T11:54:00	1	0	1	0	1	1.0266	null	null	0.999	0.999	0.0000
2023-09-05T11:55:45	2	0	94	93	1	1.0584	1.0583	-0.0001	-0.9891	-0.989	-0.0001
2023-09-05T11:56:14	1	0	60	62	-2	0.9392	0.9392	0.0000	0.9789	0.9788	0.0001
2023-09-05T11:56:38	1	0	2	2	0	0.9877	0.9877	0.0000	0.9929	0.9928	0.0001
2023-09-05T11:59:29	2	0	86	87	-1	0.9850	0.9863	0.0013	0.9583	0.9584	-0.0001
2023-09-05T12:02:11	1	0	1	1	0	0.9412	0.9412	0.0000	0.9986	0.9987	-0.0001
2023-09-05T12:03:07	2	0	10	10	0	0.9761	0.9760	-0.0002	0.9993	0.9993	0.0000
2023-09-05T12:04:25	2	0	4	4	0	1.0204	1.0204	0.0000	0.9544	0.9538	0.0006
2023-09-05T12:06:23	1	0	13	13	0	0.9967	0.9967	0.0000	0.9983	0.9983	0.0000
2023-09-05T12:06:58	1	0	13	13	0	1.0485	1.0485	0.0000	-0.9994	-0.9994	0.0000
2023-09-05T12:09:06	1	0	1	1	0	1.0204	1.0200	-0.0004	0.9904	0.9903	0.0001
2023-09-05T12:10:48	2	0	111	110	1	1.0595	1.0594	-0.0001	-0.9887	-0.9885	-0.0002
2023-09-05T12:11:15	1	0	50	50	0	0.9385	0.9386	0.0000	0.9785	0.9784	0.0001
2023-09-05T12:11:39	1	0	2	2	0	0.9993	0.9993	0.0000	0.9864	0.9864	0.0000
2023-09-05T12:12:15	1	0	104	101	3	0.9365	0.9371	0.0006	0.9839	0.9843	-0.0004
2023-09-05T12:32:08	2	0	3	2	1	0.9435	0.9438	0.0003	0.9607	0.9615	-0.0008
2023-09-05T12:32:13	1	0	1	1	0	0.9157	0.9157	0.0000	-0.9995	-0.9994	-0.0001
2023-09-05T12:38:11	6	0	148	150	-2	0.9284	0.9282	-0.0002	0.969	0.9685	0.0005
2023-09-05T12:44:55	1	0	62	74	-12	0.9402	0.9405	0.0003	0.9334	0.9334	0.0000
2023-09-05T12:48:07	2	0	65	65	0	0.9350	0.9350	0.0000	0.8031	0.802	0.0011
2023-09-05T12:49:28	2	0	3	3	0	1.0184	1.0184	0.0000	0.9653	0.9647	0.0006
2023-09-05T12:51:11	2	0	47	47	0	0.9622	0.9622	0.0000	0.9583	0.9582	0.0001
2023-09-05T12:58:54	1	0	1	1	0	1.0591	1.0588	-0.0003	0.9852	0.9852	0.0000
2023-09-05T13:00:14	1	0	4	4	0	0.9409	0.9412	0.0004	0.9847	0.9845	0.0002
2023-09-05T13:00:14	2	0	3	6	-3	0.9963	0.9703	-0.0259	0.9966	0.9965	0.0001
2023-09-05T13:01:46	1	0	8	8	0	0.9777	0.9773	-0.0003	0.9722	0.9721	0.0001
2023-09-05T13:02:40	2	0	4	4	0	1.0423	1.0420	-0.0003	-0.9981	-0.9982	0.0001
2023-09-05T13:13:55	1	0	1	1	0	1.0604	1.0553	-0.0051	0.9865	0.9865	0.0000
2023-09-05T13:17:41	2	0	3	4	-1	1.0368	1.0414	0.0046	-0.999	-0.9988	-0.0002
2023-09-05T13:31:24	2	0	3	3	0	1.0454	1.0454	0.0000	0.9983	0.9983	0.0000
2023-09-05T13:33:10	1	0	78	78	0	0.9306	0.9306	0.0000	0.8083	0.8084	-0.0001
2023-09-05T13:33:26	1	0	45	45	0	0.9495	0.9495	0.0000	0.9986	0.9986	0.0000
2023-09-05T13:38:15	1	0	288	284	4	0.9294	0.9296	0.0002	0.9631	0.9633	-0.0002
2023-09-05T13:39:50	1	0	1	1	0	0.9254	0.9257	0.0003	0.984	0.9841	-0.0001
2023-09-05T13:42:32	2	0	198	200	-2	0.9387	0.9387	0.0000	0.9882	0.9882	0.0000
2023-09-05T13:49:16	2	0	36	34	2	1.0610	1.0604	-0.0006	-0.9949	-0.995	0.0001
2023-09-05T13:55:17	3	0	2	1	1	1.0320	1.0319	-0.0002	1	1	0.0000
2023-09-05T13:55:40	1	0	118	112	6	0.9406	0.9407	0.0001	0.9855	0.9855	0.0000
2023-09-05T13:56:22	2	0	213	213	0	0.9202	0.9202	0.0001	0.9767	0.976	0.0007
2023-09-05T13:57:00	1	0	35	34	1	0.9384	0.9388	0.0003	0.9976	0.9976	0.0000
2023-09-05T13:57:42	1	0	198	197	1	0.9283	0.9283	0.0000	0.988	0.9881	-0.0001
2023-09-05T13:58:58	1	0	1	1	0	1.0566	1.0562	-0.0004	0.9842	0.9841	0.0001
2023-09-05T13:59:37	1	0	266	259	7	0.9958	0.9958	0.0000	0.961	0.961	0.0000
2023-09-05T14:00:15	1	0	92	91	1	0.9415	0.9417	0.0003	0.9346	0.9348	-0.0002
2023-09-05T14:02:22	1	0	1	1	0	0.9919	0.9923	0.0004	0.9774	0.9776	-0.0002
2023-09-05T14:03:37	1	0	11	11	0	0.9785	0.9784	-0.0001	0.9996	0.9996	0.0000
2023-09-05T14:04:21	2	0	31	30	1	1.0579	1.0576	-0.0003	-0.9953	-0.9954	0.0001
2023-09-05T14:06:20	4	0	1	0	1	0.9444	null	null	0.9883	0.9884	-0.0001
2023-09-05T14:08:17	8	0	269	258	11	0.9321	0.9325	0.0004	0.9587	0.9594	-0.0007
2023-09-05T14:08:51	2	0	2	2	0	0.9612	0.9617	0.0005	0.9958	0.9959	-0.0001
2023-09-05T14:09:14	1	0	1	1	0	1.0264	1.0263	-0.0001	0.9986	0.9986	0.0000
2023-09-05T14:09:55	1	0	11	11	0	0.9493	0.9494	0.0001	0.9993	0.9992	0.0001
2023-09-05T14:10:41	1	0	93	93	0	0.9395	0.9395	0.0000	0.9875	0.9874	0.0001
2023-09-05T14:10:43	1	0	47	42	5	0.9428	0.9432	0.0004	0.9981	0.9983	-0.0002
2023-09-05T14:11:05	1	0	51	49	2	1.0577	1.0573	-0.0004	-0.9987	-0.9986	-0.0001
2023-09-05T14:11:23	2	0	162	162	0	0.9288	0.9288	0.0000	0.9757	0.9756	0.0001

2023-09-05T14:12:01	1	0	14	14	0	0.9421	0.9422	0.0001	0.9983	0.9983	0.0000
2023-09-05T14:12:38	3	0	3	3	0	0.9684	0.9689	0.0005	0.9983	0.9984	-0.0001
2023-09-05T14:12:45	1	0	1	1	0	1.0332	1.0329	-0.0003	0.9617	0.9614	0.0003
2023-09-05T14:12:54	3	0	176	174	2	0.9360	0.9303	-0.0057	0.9889	0.989	-0.0001
2023-09-05T14:12:55	2	0	266	266	0	0.9259	0.9264	0.0005	0.9898	0.9898	0.0000
2023-09-05T14:14:43	2	0	233	225	8	0.9837	0.9802	-0.0035	0.9636	0.9636	0.0000
2023-09-05T14:15:19	2	0	41	36	5	0.9463	0.9466	0.0003	0.9954	0.9954	0.0000
2023-09-05T14:15:23	2	0	90	87	3	0.9411	0.9416	0.0005	0.9354	0.9356	-0.0002
2023-09-05T14:16:47	3	0	38	37	1	0.9402	0.9403	0.0002	0.969	0.9595	0.0095
2023-09-05T14:16:59	1	0	6	6	0	0.9890	0.9889	-0.0001	0.9549	0.9548	0.0001
2023-09-05T14:17:25	1	0	1	1	0	0.9843	0.9852	0.0009	0.978	0.9784	-0.0004
2023-09-05T14:17:57	2	0	4	4	0	1.0409	1.0406	-0.0003	-0.9998	-0.9998	0.0000
2023-09-05T14:18:13	2	0	76	76	0	0.9318	0.9319	0.0001	0.8085	0.8092	-0.0007
2023-09-05T14:18:26	2	0	44	43	1	0.9385	0.9385	0.0000	-0.9999	-0.9998	-0.0001
2023-09-05T14:18:42	1	0	16	16	0	0.9649	0.9648	-0.0001	0.9995	0.9995	0.0000
2023-09-05T14:19:26	2	0	32	32	0	1.0581	1.0579	-0.0002	-0.9962	-0.9963	0.0001
2023-09-05T14:21:17	2	0	80	81	-1	0.9716	0.9716	0.0001	0.9643	0.9642	0.0001
2023-09-05T14:21:47	1	0	8	8	0	1.0119	1.0119	0.0000	0.9868	0.9868	0.0000
2023-09-05T14:22:08	1	0	17	11	6	0.9852	1.0086	0.0234	0.9798	0.9801	-0.0003
2023-09-05T14:22:18	2	0	1	1	0	1.0089	1.0084	-0.0005	-0.9802	-0.9804	0.0002
2023-09-05T14:22:26	1	0	3	3	0	0.9364	0.9369	0.0004	0.9945	0.9944	0.0001
2023-09-05T14:23:26	8	0	226	225	1	0.9310	0.9312	0.0002	0.9632	0.9638	-0.0006
2023-09-05T14:23:52	3	0	9	9	0	0.9409	0.9410	0.0001	0.9953	0.9953	0.0000
2023-09-05T14:24:15	1	0	1	1	0	1.0231	1.0229	-0.0002	0.9984	0.9984	0.0000
2023-09-05T14:24:39	2	0	8	8	0	0.9974	0.9974	0.0000	0.9762	0.9762	0.0000
2023-09-05T14:24:53	1	0	2	2	0	1.0203	1.0192	-0.0011	0.9963	0.9962	0.0001
2023-09-05T14:25:10	1	0	15	15	0	0.9451	0.9452	0.0001	0.9988	0.9988	0.0000
2023-09-05T14:25:19	1	0	1	1	0	1.0357	1.0352	-0.0005	1	1	0.0000
2023-09-05T14:25:46	1	0	99	97	2	0.9409	0.9409	0.0000	0.9861	0.9861	0.0000
2023-09-05T14:25:49	1	0	49	48	1	0.9458	0.9481	0.0023	0.997	0.9971	-0.0001
2023-09-05T14:26:09	1	0	45	45	0	1.0569	1.0562	-0.0007	-0.9957	-0.9956	-0.0001
2023-09-05T14:26:24	2	0	228	228	0	0.9196	0.9198	0.0002	0.9739	0.9732	0.0007
2023-09-05T14:26:48	4	0	3	3	0	0.9743	0.9745	0.0003	0.9883	0.9883	0.0000
2023-09-05T14:27:02	1	0	15	15	0	0.9416	0.9417	0.0001	0.9981	0.9981	0.0000
2023-09-05T14:27:19	3	0	236	226	10	0.9255	0.9258	0.0003	0.9835	0.9834	0.0001
2023-09-05T14:27:51	1	0	1	1	0	1.0344	1.0338	-0.0006	0.9577	0.9572	0.0005
2023-09-05T14:27:56	2	0	239	236	3	0.9280	0.9281	0.0001	0.9897	0.9897	0.0000
2023-09-05T14:28:07	4	0	204	204	0	0.9307	0.9314	0.0007	0.9878	0.9881	-0.0003
2023-09-05T14:28:40	2	0	119	119	0	0.9316	0.9315	0.0000	0.9762	0.9759	0.0003
2023-09-05T14:29:54	2	0	193	183	10	0.9946	0.9948	0.0002	0.9639	0.9639	0.0000
2023-09-05T14:30:20	2	0	16	14	2	0.9541	0.9557	0.0015	0.9956	0.9956	0.0000
2023-09-05T14:30:27	2	0	114	111	3	0.9146	0.9147	0.0001	0.9833	0.9834	-0.0001
2023-09-05T14:30:30	2	0	78	76	2	0.9395	0.9397	0.0002	0.937	0.9372	-0.0002
2023-09-05T14:31:22	1	0	17	16	1	0.9427	0.9428	0.0001	0.9878	0.9875	0.0003
2023-09-05T14:31:58	1	0	2	2	0	0.9824	0.9831	0.0006	0.9688	0.9639	0.0049
2023-09-05T14:32:10	1	0	2	2	0	1.0207	1.0204	-0.0003	0.956	0.958	-0.0020
2023-09-05T14:32:18	1	0	9	8	1	0.9435	0.9436	0.0001	-0.9836	-0.9832	-0.0004
2023-09-05T14:32:22	1	0	22	22	0	0.9393	0.9381	-0.0012	0.9932	0.9923	0.0009
2023-09-05T14:32:26	1	0	45	45	0	0.9474	0.9474	0.0000	0.9857	0.9859	-0.0002
2023-09-05T14:32:30	1	0	1	1	0	0.9934	0.9945	0.0011	0.9827	0.9831	-0.0004
2023-09-05T14:33:05	2	0	2	2	0	1.0411	1.0406	-0.0004	1	1	0.0000
2023-09-05T14:33:29	1	0	8	8	0	1.0206	1.0206	0.0000	-0.9996	-0.9996	0.0000
2023-09-05T14:33:47	2	0	17	17	0	0.9625	0.9626	0.0000	0.9994	0.9994	0.0000
2023-09-05T14:34:33	2	0	24	23	1	1.0559	1.0557	-0.0002	-0.9953	-0.9953	0.0000
2023-09-05T14:34:35	1	0	2	2	0	0.9771	0.9773	0.0002	0.9662	0.9658	0.0004
2023-09-05T14:36:44	3	0	1	1	0	0.9411	0.9425	0.0014	0.9886	0.9888	-0.0002
2023-09-05T14:36:52	1	0	5	5	0	0.9599	0.9601	0.0002	0.9862	0.9862	0.0000
2023-09-05T14:37:09	1	0	3	3	0	1.1732	1.1730	-0.0003	0.982	0.9819	0.0001
2023-09-05T14:37:24	2	0	3	3	0	0.9912	0.9907	-0.0004	-0.9804	-0.9806	0.0002
2023-09-05T14:37:27	1	0	7	8	-1	1.0115	1.0298	0.0183	0.9977	0.9974	0.0003
2023-09-05T14:37:58	1	0	2	2	0	1.0135	1.0133	-0.0003	0.9905	0.9904	0.0001
2023-09-05T14:38:38	8	0	285	277	8	0.9297	0.9301	0.0004	0.9649	0.9653	-0.0004
2023-09-05T14:39:00	3	0	3	3	0	0.9623	0.9627	0.0003	0.9965	0.9966	-0.0001
2023-09-05T14:39:16	1	0	1	1	0	1.0255	1.0253	-0.0002	0.9982	0.9982	0.0000
2023-09-05T14:39:40	1	0	8	8	0	1.0037	1.0037	0.0000	0.9812	0.9812	0.0000
2023-09-05T14:40:25	1	0	5	4	1	0.9441	0.9442	0.0001	0.9992	0.9993	-0.0001
2023-09-05T14:40:47	1	0	132	132	0	0.9374	0.9374	0.0000	0.9875	0.9874	0.0001
2023-09-05T14:40:54	1	0	60	58	2	0.9424	0.9427	0.0003	0.9975	0.9977	-0.0002
2023-09-05T14:41:13	1	0	45	44	1	1.0559	1.0554	-0.0005	-0.9965	-0.9965	0.0000
2023-09-05T14:41:25	2	0	199	199	0	0.9173	0.9175	0.0001	0.977	0.9763	0.0007
2023-09-05T14:41:49	4	0	3	3	0	0.9758	0.9760	0.0002	0.9908	0.9907	0.0001
2023-09-05T14:42:04	4	0	10	10	0	0.9424	0.9427	0.0003	0.9976	0.9977	-0.0001
2023-09-05T14:42:24	1	0	1	1	0	1.0125	1.0115	-0.0010	0.9907	0.9898	0.0009
2023-09-05T14:42:26	1	0	1	1	0	1.0150	1.0144	-0.0006	0.9986	0.9985	0.0001
2023-09-05T14:42:27	2	0	52	48	4	0.9326	0.9328	0.0002	0.9906	0.9903	0.0003
2023-09-05T14:42:40	4	0	2	2	0	0.9340	0.9346	0.0006	0.9976	0.9977	-0.0001
2023-09-05T14:42:57	2	0	219	214	5	0.9327	0.9328	0.0001	0.9908	0.9908	0.0000
2023-09-05T14:42:58	1	0	1	1	0	1.0319	1.0313	-0.0006	0.9616	0.9611	0.0005
2023-09-05T14:43:23	6	0	213	209	4	0.9298	0.9357	0.0058	0.9868	0.9871	-0.0003
2023-09-05T14:43:53	2	0	25	24	1	0.9611	0.9617	0.0007	0.9828	0.9827	0.0001
2023-09-05T14:45:09	2	0	197	190	7	0.9954	0.9957	0.0003	0.964	0.964	0.0000
2023-09-05T14:45:21	2	0	84	83	1	0.9358	0.9359	0.0001	0.9936	0.9936	0.0000
2023-09-05T14:45:21	1	0	10	10	0	0.9397	0.9397	0.0000	0.9849	0.9846	0.0003
2023-09-05T14:45:26	4	0	157	157	0	0.9116	0.9120	0.0003	0.987	0.9872	-0.0002
2023-09-05T14:45:35	5	0	84	83	1	0.9199	0.9200	0.0001	0.9856	0.9856	0.0000

2023-09-05T14:45:39	2	0	87	85	2	0.9402	0.9407	0.0005	0.9368	0.937	-0.0002
2023-09-05T14:46:52	2	0	8	8	0	0.9413	0.9414	0.0001	0.9647	0.9638	0.0009
2023-09-05T14:47:17	2	0	2	2	0	0.9425	0.9426	0.0001	0.9886	0.9885	0.0001
2023-09-05T14:47:49	1	0	1	1	0	0.9405	0.9410	0.0005	0.9867	0.9866	0.0001
2023-09-05T14:50:17	3	0	3	4	-1	0.9215	0.9501	0.0287	0.9994	0.9995	-0.0001
2023-09-05T14:51:28	2	0	82	82	0	0.9529	0.9528	0.0000	0.9662	0.9662	0.0000
2023-09-05T14:52:22	1	0	1	0	1	0.9441	null	null	0.9876	0.9877	-0.0001
2023-09-05T14:52:38	1	0	21	20	1	1.0232	1.0221	-0.0010	0.9989	0.999	-0.0001
2023-09-05T14:52:39	7	0	53	52	1	0.9475	0.9482	0.0007	0.9907	0.9915	-0.0008
2023-09-05T14:52:48	1	0	5	6	-1	1.0479	1.0475	-0.0004	-0.9998	-0.9999	0.0001
2023-09-05T14:55:26	1	0	16	16	0	0.9440	0.9440	0.0001	0.9991	0.9991	0.0000
2023-09-05T14:57:41	1	0	4	4	0	0.9791	0.9787	-0.0004	0.9997	0.9997	0.0000
2023-09-05T14:58:38	2	0	208	208	0	0.9338	0.9335	-0.0003	0.9884	0.9883	0.0001
2023-09-05T15:00:32	1	0	82	81	1	0.9382	0.9383	0.0001	0.9759	0.9758	0.0001
2023-09-05T15:04:37	1	0	15	15	0	0.9489	0.9490	0.0000	0.9638	0.9635	0.0003
2023-09-05T15:09:42	1	0	15	15	0	0.9626	0.9627	0.0000	0.9691	0.9691	0.0000
2023-09-05T15:09:56	1	0	3	3	0	1.0212	1.0212	-0.0001	0.995	0.995	0.0000
2023-09-05T15:10:40	1	0	239	236	3	0.9215	0.9215	0.0000	0.9936	0.9937	-0.0001
2023-09-05T15:10:57	1	0	7	7	0	1.0392	1.0392	-0.0001	0.9982	0.9982	0.0000
2023-09-05T15:11:30	1	0	1	0	1	1.0310	null	null	0.99	0.99	0.0000
2023-09-05T15:14:03	1	0	1	0	1	0.9445	null	null	0.9804	0.9804	0.0000
2023-09-05T15:17:01	1	0	21	21	0	1.0551	1.0549	-0.0002	0.9887	0.9886	0.0001
2023-09-05T15:18:17	2	0	83	83	0	0.9273	0.9273	0.0000	0.8187	0.8188	-0.0001
2023-09-05T15:19:38	1	0	26	24	2	0.9438	0.9439	0.0001	0.9631	0.9627	0.0004
2023-09-05T15:21:19	2	0	2	2	0	1.0077	1.0080	0.0003	0.9908	0.988	0.0028
2023-09-05T15:21:36	1	0	127	127	0	0.9295	0.9295	0.0000	0.9967	0.9966	0.0001
2023-09-05T15:23:25	1	0	20	20	0	1.0033	1.0035	0.0002	-0.9991	-0.9991	0.0000
2023-09-05T15:26:39	1	0	2	2	0	0.9393	0.9394	0.0001	0.9898	0.9898	0.0000
2023-09-05T15:29:08	1	0	1	1	0	0.9448	0.9449	0.0001	0.9812	0.9811	0.0001
2023-09-05T15:29:17	1	0	1	1	0	0.9732	0.9742	0.0010	0.9761	0.9592	0.0169
2023-09-05T15:31:46	5	0	6	3	3	0.9781	1.0117	0.0336	-0.9697	-0.9693	-0.0004
2023-09-05T15:32:12	2	0	3	3	0	0.9507	0.9517	0.0010	0.9741	0.9745	-0.0004
2023-09-05T15:33:35	2	0	32	32	0	0.9868	0.9868	0.0000	0.9767	0.9764	0.0003
2023-09-05T15:33:53	1	0	9	8	1	0.9402	0.9404	0.0002	0.995	0.9951	-0.0001
2023-09-05T15:40:24	2	0	1	0	1	0.9444	null	null	-0.9991	-0.9991	0.0000
2023-09-05T15:43:03	1	0	20	20	0	1.0556	1.0551	-0.0005	0.9974	0.9973	0.0001
2023-09-05T15:48:36	1	0	33	33	0	0.9850	0.9850	0.0000	0.9773	0.9769	0.0004
2023-09-05T15:52:32	1	0	3	3	0	0.9336	0.9337	0.0001	0.9939	0.9938	0.0001
2023-09-05T15:57:30	3	0	1	0	1	0.9448	null	null	0.9989	0.9989	0.0000
2023-09-05T16:06:27	1	0	125	110	15	1.0593	1.0583	-0.0010	-0.9973	-0.9943	-0.0030
2023-09-05T16:07:18	2	0	1	1	0	1.0184	1.0178	-0.0006	0.9693	0.9691	0.0002
2023-09-05T16:10:26	2	0	1	1	0	0.9428	0.9432	0.0004	-0.9995	-0.9996	0.0001
2023-09-05T16:12:32	3	0	58	56	2	0.9345	0.9361	0.0016	0.9609	0.9617	-0.0008
2023-09-05T16:13:24	3	0	1	1	0	1.0365	1.0358	-0.0007	1	1	0.0000
2023-09-05T16:27:34	1	0	50	47	3	0.9399	0.9407	0.0008	0.9615	0.962	-0.0005
2023-09-05T16:30:44	1	0	1	1	0	0.9437	0.9441	0.0004	0.9889	0.9889	0.0000
2023-09-05T16:30:50	7	0	307	305	2	0.9262	0.9267	0.0005	0.9929	0.9925	0.0004
2023-09-05T16:32:40	7	0	55	49	6	0.9416	0.9418	0.0002	0.9937	0.9938	-0.0001
2023-09-05T16:37:17	1	0	15	12	3	0.9775	0.9861	0.0086	0.9864	0.9865	-0.0001
2023-09-05T16:37:53	1	0	6	6	0	0.9418	0.9418	0.0000	-0.9874	-0.987	-0.0004
2023-09-05T16:38:10	1	0	21	20	1	0.9407	0.9406	-0.0001	0.9473	0.9474	-0.0001
2023-09-05T16:47:25	1	0	3	3	0	0.9422	0.9423	0.0001	0.9855	0.9854	0.0001
2023-09-05T16:57:42	1	0	48	48	0	0.9395	0.9395	0.0000	0.962	0.962	0.0000
2023-09-05T16:59:02	1	0	156	155	1	0.9436	0.9436	0.0000	0.9827	0.9827	0.0000
2023-09-05T17:11:59	3	0	34	20	14	0.9433	0.9449	0.0016	0.9822	0.9813	0.0009
2023-09-05T17:26:46	1	0	125	125	0	0.9291	0.9291	0.0000	0.9968	0.9968	0.0000
2023-09-05T17:41:51	1	0	133	133	0	0.9256	0.9257	0.0001	0.9976	0.9976	0.0000
2023-09-05T18:17:38	1	0	218	218	0	0.9222	0.9222	0.0001	-1	-1	0.0000
2023-09-06T08:05:58	1	0	110	110	0	0.9355	0.9356	0.0001	-0.9928	-0.9928	0.0000
2023-09-06T08:09:48	2	0	4	4	0	1.0292	1.0290	-0.0003	-0.9955	-0.9956	0.0001
2023-09-06T08:10:05	1	0	57	55	2	1.0533	1.0532	-0.0001	-0.9453	-0.9449	-0.0004
2023-09-06T08:14:46	1	0	45	44	1	0.9379	0.9380	0.0001	0.954	0.9532	0.0008
2023-09-06T08:15:56	2	0	400	399	1	0.8754	0.8755	0.0001	0.9168	0.9169	-0.0001
2023-09-06T08:33:03	1	0	21	20	1	0.9419	0.9420	0.0001	-0.9991	-0.999	-0.0001
2023-09-06T08:37:59	1	0	18	18	0	0.9379	0.9380	0.0001	0.9723	0.9721	0.0002
2023-09-06T09:10:12	1	0	33	33	0	1.0507	1.0506	0.0000	-0.9562	-0.9557	-0.0005
2023-09-06T09:10:51	1	0	102	100	2	0.9361	0.9364	0.0004	0.9795	0.9795	0.0000
2023-09-06T09:16:57	1	0	8	8	0	1.0110	1.0109	-0.0001	0.9926	0.9926	0.0000
2023-09-06T09:18:05	1	0	2	2	0	1.0335	1.0333	-0.0002	-0.9995	-0.9995	0.0000
2023-09-06T09:21:04	1	0	5	5	0	0.9096	0.9098	0.0002	0.9862	0.986	0.0002
2023-09-06T09:24:53	1	0	2	2	0	1.0270	1.0267	-0.0003	-0.9984	-0.9984	0.0000
2023-09-06T09:25:17	1	0	102	99	3	1.0578	1.0576	-0.0002	-0.9582	-0.9582	0.0000
2023-09-06T09:27:17	1	0	2	2	0	0.9825	0.9828	0.0003	-0.9999	-0.9999	0.0000
2023-09-06T09:29:46	1	0	2	2	0	0.9786	0.9789	0.0002	0.9495	0.9501	-0.0006
2023-09-06T09:38:03	4	0	11	11	0	0.9398	0.9400	0.0002	0.984	0.9841	-0.0001
2023-09-06T09:42:03	1	0	1	1	0	0.8106	0.8110	0.0004	0.9935	0.9933	0.0002
2023-09-06T09:42:03	1	0	4	4	0	1.0183	1.0183	-0.0001	0.9904	0.9902	0.0002
2023-09-06T09:42:04	1	0	3	3	0	1.0383	1.0380	-0.0004	0.9772	0.9769	0.0003
2023-09-06T09:44:53	1	0	1	1	0	0.9442	0.9450	0.0008	0.9504	0.9513	-0.0009
2023-09-06T09:45:58	1	0	3	3	0	0.9966	0.9964	-0.0002	0.9627	0.9626	0.0001
2023-09-06T09:46:20	2	0	31	31	0	1.0539	1.0538	-0.0001	0.9942	0.9942	0.0000
2023-09-06T09:46:59	1	0	7	7	0	0.9954	0.9954	0.0000	0.9915	0.9916	-0.0001
2023-09-06T09:51:14	1	0	11	11	0	0.9318	0.9319	0.0000	0.9829	0.9825	0.0004
2023-09-06T09:51:52	1	0	3	3	0	1.1365	1.1364	-0.0001	0.9846	0.9846	0.0000
2023-09-06T09:55:54	1	0	2	2	0	0.9391	0.9391	0.0000	0.9912	0.9912	0.0000

2023-09-06T09:58:04	1	0	43	43	0	0.9513	0.9513	0.0000	0.9876	0.9875	0.0001
2023-09-06T09:59:54	1	0	3	3	0	0.9468	0.9478	0.0011	0.9485	0.9488	-0.0003
2023-09-06T09:59:54	1	0	1	1	0	0.9392	0.9396	0.0004	-0.9997	-0.9996	-0.0001
2023-09-06T10:01:21	2	0	84	82	2	1.0588	1.0587	0.0000	0.9933	0.9933	0.0000
2023-09-06T10:01:47	1	0	1	1	0	0.9359	0.9363	0.0004	0.9943	0.9944	-0.0001
2023-09-06T10:03:09	1	0	3	3	0	0.9382	0.9399	0.0017	-0.9901	-0.9896	-0.0005
2023-09-06T10:04:39	3	0	100	98	2	0.9181	0.9189	0.0008	0.9948	0.995	-0.0002
2023-09-06T10:05:36	1	0	11	11	0	1.0077	1.0077	0.0000	0.9668	0.9667	0.0001
2023-09-06T10:06:06	2	0	182	176	6	0.9291	0.9295	0.0003	-0.9987	-0.9986	-0.0001
2023-09-06T10:06:53	1	0	5	5	0	1.1061	1.1060	-0.0001	0.9859	0.9859	0.0000
2023-09-06T10:07:03	1	0	1	1	0	0.9404	0.9408	0.0004	-0.9921	-0.9922	0.0001
2023-09-06T10:07:32	1	0	12	12	0	1.0394	1.0395	0.0000	-0.9995	-0.9995	0.0000
2023-09-06T10:08:05	1	0	1	0	1	1.0552	null	null	0.9966	0.9966	0.0000
2023-09-06T10:08:05	1	0	30	30	0	0.9350	0.9350	0.0000	0.9818	0.9814	0.0004
2023-09-06T10:09:56	3	0	6	5	1	1.0378	1.0398	0.0020	-0.9939	-0.994	0.0001
2023-09-06T10:10:15	3	0	3	3	0	0.4096	0.4099	0.0003	0.8809	0.8777	0.0032
2023-09-06T10:10:43	1	0	68	68	0	1.0559	1.0553	-0.0006	-0.9605	-0.9607	0.0002
2023-09-06T10:11:13	1	0	1	1	0	0.9398	0.9404	0.0006	0.9962	0.9962	0.0000
2023-09-06T10:12:05	1	0	1	1	0	0.7913	0.7917	0.0004	0.9898	0.9895	0.0003
2023-09-06T10:12:10	1	0	1	0	1	1.0175	null	null	0.9977	0.9975	0.0002
2023-09-06T10:12:14	1	0	1	1	0	1.0412	1.0405	-0.0007	0.9758	0.9753	0.0005
2023-09-06T10:12:20	1	0	3	3	0	0.9406	0.9414	0.0008	0.9998	0.9998	0.0000
2023-09-06T10:12:51	1	0	16	16	0	1.0421	1.0420	-0.0002	-0.9994	-0.9994	0.0000
2023-09-06T10:13:05	1	0	68	68	0	0.9453	0.9456	0.0003	0.9853	0.9852	0.0001
2023-09-06T10:14:54	4	0	54	46	8	0.9371	0.9364	-0.0007	0.9803	0.9804	-0.0001
2023-09-06T10:15:52	1	0	1	1	0	0.9884	0.9891	0.0007	0.9847	0.9843	0.0004
2023-09-06T10:16:04	2	0	266	262	4	0.8818	0.8822	0.0003	0.9252	0.9253	-0.0001
2023-09-06T10:16:22	1	0	16	14	2	1.0518	1.0519	0.0001	0.9628	0.9626	0.0002
2023-09-06T10:17:03	2	0	2	2	0	1.0167	1.0159	-0.0009	0.9854	0.9843	0.0011
2023-09-06T10:19:03	1	0	4	4	0	1.0150	1.0151	0.0001	0.9752	0.9749	0.0003
2023-09-06T10:19:40	1	0	104	104	0	0.9105	0.9105	0.0000	0.995	0.995	0.0000
2023-09-06T10:21:37	2	0	1	1	0	0.9590	0.9597	0.0007	0.9972	0.9972	0.0000
2023-09-06T10:21:54	1	0	2	2	0	0.9859	0.9862	0.0003	0.9975	0.9975	0.0000
2023-09-06T10:27:21	1	0	21	19	2	0.9452	0.9457	0.0005	0.9991	0.9992	-0.0001
2023-09-06T10:28:55	1	0	1	0	1	1.0552	null	null	0.9765	0.9764	0.0001
2023-09-06T10:33:10	1	0	54	54	0	0.9395	0.9395	0.0000	0.8239	0.8243	-0.0004
2023-09-06T10:35:38	1	0	11	11	0	0.9960	0.9959	-0.0001	0.9672	0.9672	0.0000
2023-09-06T10:36:38	1	0	1	1	0	1.0597	1.0578	-0.0019	0.9965	0.9964	0.0001
2023-09-06T10:38:22	3	0	1	1	0	1.0050	1.0063	0.0013	-0.9996	-0.9995	-0.0001
2023-09-06T10:41:16	3	0	1	1	0	0.9436	0.9444	0.0008	0.9961	0.996	0.0001
2023-09-06T10:45:03	1	0	49	48	1	0.9476	0.9478	0.0002	0.9821	0.9822	-0.0001
2023-09-06T10:46:08	2	0	5	4	1	1.0524	1.0508	-0.0015	-0.9124	-0.9132	0.0008
2023-09-06T10:47:05	1	0	1	1	0	1.0274	1.0270	-0.0004	1	1	0.0000
2023-09-06T10:47:09	1	0	1	1	0	1.0099	1.0091	-0.0008	0.9804	0.9796	0.0008
2023-09-06T10:53:08	1	0	9	9	0	0.9454	0.9456	0.0001	0.9776	0.9777	-0.0001
2023-09-06T10:53:08	1	0	38	38	0	0.9359	0.9359	0.0001	0.974	0.9741	-0.0001
2023-09-06T10:57:08	3	0	65	24	41	0.9422	1.0050	0.0627	0.9861	-1	-0.0139
2023-09-06T10:59:14	2	0	1	1	0	0.9770	0.9779	0.0009	0.9999	0.9999	0.0000
2023-09-06T10:59:58	1	0	78	76	2	0.9183	0.9188	0.0004	0.9976	0.9975	0.0001
2023-09-06T11:00:09	1	0	1	2	-1	0.9134	0.9848	0.0714	0.9883	0.9887	-0.0004
2023-09-06T11:01:51	3	0	6	6	0	1.0287	1.0281	-0.0006	0.9999	0.9999	0.0000
2023-09-06T11:01:56	2	0	12	12	0	1.0484	1.0482	-0.0001	0.9567	0.9564	0.0003
2023-09-06T11:02:16	2	0	5	5	0	0.9998	0.9994	-0.0004	0.9699	0.9689	0.0010
2023-09-06T11:03:15	1	0	5	5	0	1.0099	1.0097	-0.0003	-0.999	-0.999	0.0000
2023-09-06T11:06:51	2	0	7	6	1	0.9776	0.9646	-0.0130	0.9943	0.9952	-0.0009
2023-09-06T11:07:07	1	0	1	1	0	1.0221	1.0212	-0.0009	-0.9776	-0.9781	0.0005
2023-09-06T11:09:03	1	0	5	5	0	1.0326	1.0325	-0.0001	0.9771	0.977	0.0001
2023-09-06T11:12:09	1	0	3	4	-1	0.9714	0.9648	-0.0065	0.9962	0.9962	0.0000
2023-09-06T11:12:30	1	0	1	1	0	1.0241	1.0234	-0.0007	0.9703	0.9693	0.0010
2023-09-06T11:13:58	1	0	1	0	1	1.0555	null	null	0.9715	0.9714	0.0001
2023-09-06T11:15:10	1	0	83	77	6	0.9359	0.9388	0.0029	0.9866	0.9864	0.0002
2023-09-06T11:15:27	1	0	35	11	24	0.9435	0.9443	0.0008	0.9394	0.9396	-0.0002
2023-09-06T11:18:14	1	0	4	4	0	0.9408	0.9408	0.0000	-0.9933	-0.993	-0.0003
2023-09-06T11:27:34	1	0	115	114	1	0.9343	0.9345	0.0002	0.9895	0.9896	-0.0001
2023-09-06T11:30:15	2	0	13	13	0	0.9400	0.9400	0.0001	0.9993	0.9992	0.0001
2023-09-06T11:31:48	1	0	1	1	0	0.9830	0.9835	0.0005	0.9798	0.9792	0.0006
2023-09-06T11:32:32	2	0	1	1	0	0.9385	0.9385	0.0000	0.9616	0.9615	0.0001
2023-09-06T11:33:56	1	0	10	10	0	0.9792	0.9790	-0.0003	-0.9996	-0.9996	0.0000
2023-09-06T11:34:08	1	0	4	4	0	1.0242	1.0242	0.0000	0.9731	0.9727	0.0004
2023-09-06T11:34:08	1	0	5	5	0	1.0239	1.0239	0.0000	-0.9982	-0.9982	0.0000
2023-09-06T11:36:59	1	0	39	18	21	0.9720	0.9825	0.0106	0.9774	0.9776	-0.0002
2023-09-06T11:36:59	1	0	8	8	0	1.0320	1.0320	0.0000	1	1	0.0000
2023-09-06T11:37:01	1	0	159	159	0	0.8981	0.8982	0.0000	0.9658	0.9663	-0.0005
2023-09-06T11:37:48	5	0	11	13	-2	0.9766	0.9761	-0.0005	0.9969	0.9969	0.0000
2023-09-06T11:38:29	1	0	11	11	0	0.9403	0.9403	0.0000	0.9816	0.9816	0.0000
2023-09-06T11:38:37	3	0	1	1	0	0.9928	0.9930	0.0002	1	1	0.0000
2023-09-06T11:39:03	2	0	6	6	0	1.0307	1.0302	-0.0005	0.9983	0.998	0.0003
2023-09-06T11:40:04	1	0	28	27	1	0.9428	0.9427	-0.0001	0.9918	0.9918	0.0000
2023-09-06T11:41:01	1	0	35	35	0	1.0552	1.0548	-0.0003	-0.9825	-0.9824	-0.0001
2023-09-06T11:41:20	4	0	1	1	0	1.0578	1.0577	-0.0001	0.994	0.994	0.0000
2023-09-06T11:42:11	1	0	2	2	0	0.9879	0.9879	0.0000	0.9972	0.9972	0.0000
2023-09-06T11:42:50	1	0	1	1	0	1.0351	1.0348	-0.0003	0.9725	0.9723	0.0002
2023-09-06T11:45:45	1	0	18	15	3	0.9411	0.9407	-0.0004	0.9367	0.9369	-0.0002
2023-09-06T11:46:57	1	0	1	1	0	0.9807	0.9811	0.0004	0.9792	0.9786	0.0006
2023-09-06T11:47:09	1	0	1	1	0	0.9333	0.9333	0.0000	0.9994	0.9995	-0.0001

2023-09-06T11:49:03	1	0	8	8	0	0.9856	0.9853	-0.0003	-0.9999	-0.9999	0.0000
2023-09-06T11:49:09	1	0	4	4	0	1.0242	1.0242	0.0000	0.9746	0.9744	0.0002
2023-09-06T11:51:02	2	0	13	12	1	0.9730	0.9754	0.0025	0.9672	0.9657	0.0015
2023-09-06T11:52:00	1	0	5	5	0	0.9847	0.9847	0.0000	0.9982	0.9982	0.0000
2023-09-06T11:52:06	1	0	138	138	0	0.9238	0.9238	0.0000	0.9847	0.9848	-0.0001
2023-09-06T11:52:15	2	0	1	1	0	0.9596	0.9597	0.0001	-0.9851	-0.9849	-0.0002
2023-09-06T11:53:05	5	0	2	2	0	1.0652	1.0644	-0.0008	0.9968	0.9967	0.0001
2023-09-06T11:53:30	1	0	19	19	0	0.9399	0.9399	0.0000	0.9808	0.9808	0.0000
2023-09-06T11:54:07	2	0	1	0	1	1.0255	null	null	0.9996	0.9996	0.0000
2023-09-06T11:55:05	1	0	69	66	3	0.9407	0.9406	-0.0001	0.9891	0.9891	0.0000
2023-09-06T11:56:06	1	0	100	100	0	1.0587	1.0586	-0.0001	-0.9836	-0.9835	-0.0001
2023-09-06T11:57:50	3	0	2	2	0	1.0501	1.0496	-0.0005	0.9971	0.9971	0.0000
2023-09-06T11:57:55	1	0	1	1	0	1.0354	1.0353	-0.0001	0.9736	0.9734	0.0002
2023-09-06T12:00:02	2	0	3	3	0	0.9968	0.9970	0.0002	0.9984	0.9984	0.0000
2023-09-06T12:00:23	3	0	23	22	1	0.9958	0.9858	-0.0100	-0.9999	-0.9999	0.0000
2023-09-06T12:00:53	1	0	7	7	0	0.9454	0.9455	0.0001	0.9343	0.9345	-0.0002
2023-09-06T12:04:07	1	0	13	13	0	0.9674	0.9672	-0.0001	0.9999	0.9999	0.0000
2023-09-06T12:06:03	2	0	23	23	0	0.9783	0.9784	0.0000	0.9619	0.9619	0.0000
2023-09-06T12:07:01	1	0	3	3	0	1.1770	1.1768	-0.0002	0.9795	0.9794	0.0001
2023-09-06T12:07:01	1	0	9	9	0	1.0477	1.0477	0.0000	1	1	0.0000
2023-09-06T12:07:18	2	0	1	2	-1	0.9562	0.9843	0.0281	-0.987	-0.9869	-0.0001
2023-09-06T12:08:22	5	0	5	5	0	0.9937	0.9933	-0.0004	0.9929	0.9928	0.0001
2023-09-06T12:08:31	1	0	34	34	0	0.9386	0.9386	0.0000	0.9791	0.9791	0.0000
2023-09-06T12:09:19	2	0	1	1	0	1.0297	1.0294	-0.0003	0.9996	0.9996	0.0000
2023-09-06T12:10:10	1	0	38	37	1	0.9521	0.9523	0.0002	-1	-1	0.0000
2023-09-06T12:11:09	2	0	94	93	1	1.0587	1.0586	-0.0001	-0.9845	-0.9845	0.0000
2023-09-06T12:11:22	4	0	1	2	-1	1.0609	1.0029	-0.0579	0.9962	0.9963	-0.0001
2023-09-06T12:12:13	1	0	4	4	0	0.9612	0.9613	0.0000	0.9979	0.9979	0.0000
2023-09-06T12:17:11	1	0	2	2	0	0.9464	0.9464	0.0000	0.9976	0.9977	-0.0001
2023-09-06T12:19:15	2	0	14	12	2	0.9571	0.9595	0.0024	0.9901	0.9901	0.0000
2023-09-06T12:23:45	3	0	1	2	-1	0.9711	0.9827	0.0116	0.9998	0.9998	0.0000
2023-09-06T12:29:03	1	0	2	2	0	0.9514	0.9514	0.0000	0.9831	0.9831	0.0000
2023-09-06T12:29:49	2	0	39	38	1	0.9616	0.9591	-0.0025	0.9612	0.9612	0.0000
2023-09-06T12:34:12	1	0	5	5	0	1.0242	1.0242	0.0000	0.9827	0.9822	0.0005
2023-09-06T12:45:05	2	0	2	3	-1	1.0182	0.9987	-0.0195	0.9963	0.9963	0.0000
2023-09-06T13:00:43	3	0	70	68	2	0.9181	0.9188	0.0007	0.9996	0.9996	0.0000
2023-09-06T13:01:09	2	0	74	59	15	0.9487	0.9498	0.0010	0.9472	0.9475	-0.0003
2023-09-06T13:02:38	1	0	3	3	0	1.0498	1.0498	0.0000	0.9978	0.9978	0.0000
2023-09-06T13:12:23	1	0	1	1	0	0.9431	0.9431	0.0000	0.9915	0.9916	-0.0001
2023-09-06T13:16:16	1	0	22	34	-12	0.9500	0.9490	-0.0010	0.9474	0.9473	0.0001
2023-09-06T13:27:56	3	0	7	8	-1	0.9972	1.0025	0.0053	0.9948	0.9948	0.0000
2023-09-06T13:28:17	1	0	3	3	0	1.0391	1.0388	-0.0003	0.9986	0.9986	0.0000
2023-09-06T13:32:45	2	0	4	4	0	1.0177	1.0177	0.0000	0.9735	0.9737	-0.0002
2023-09-06T13:39:17	3	0	67	66	1	0.9487	0.9488	0.0001	0.9886	0.9886	0.0000
2023-09-06T13:41:09	1	0	1	1	0	0.9422	0.9426	0.0004	0.9872	0.9872	0.0000
2023-09-06T13:46:25	1	0	93	93	0	0.9436	0.9437	0.0001	0.9484	0.9485	-0.0001
2023-09-06T13:49:17	2	0	22	22	0	1.0546	1.0542	-0.0004	-0.9942	-0.9943	0.0001
2023-09-06T13:52:12	2	0	2	1	1	1.0574	1.0559	-0.0016	0.9981	0.9981	0.0000
2023-09-06T13:52:52	1	0	35	35	0	0.9351	0.9351	0.0000	0.9863	0.9862	0.0001
2023-09-06T13:52:53	1	0	11	9	2	0.9490	0.9503	0.0013	-0.9831	-0.9829	-0.0002
2023-09-06T13:57:04	1	0	3	3	0	0.9414	0.9418	0.0004	0.9999	0.9999	0.0000
2023-09-06T14:02:27	1	0	1	1	0	0.9857	0.9862	0.0005	0.97	0.9702	-0.0002
2023-09-06T14:02:42	1	0	2	2	0	1.0225	1.0223	-0.0003	0.9757	0.9755	0.0002
2023-09-06T14:04:18	2	0	24	24	0	1.0564	1.0563	-0.0001	-0.9954	-0.9954	0.0000
2023-09-06T14:04:40	1	0	18	18	0	0.9602	0.9601	-0.0001	0.9994	0.9994	0.0000
2023-09-06T14:07:09	1	0	11	11	0	1.0093	1.0094	0.0001	0.9781	0.9782	-0.0001
2023-09-06T14:07:54	2	0	1	1	0	1.0141	1.0135	-0.0006	-0.9805	-0.9805	0.0000
2023-09-06T14:07:56	1	0	4	4	0	0.9277	0.9278	0.0001	0.9891	0.9892	-0.0001
2023-09-06T14:08:58	2	0	2	2	0	0.9757	0.9759	0.0001	0.9992	0.9992	0.0000
2023-09-06T14:09:31	7	0	76	72	4	0.9462	0.9464	0.0002	0.9899	0.9898	0.0001
2023-09-06T14:09:32	1	0	2	2	0	1.0273	1.0272	-0.0001	0.9979	0.9978	0.0001
2023-09-06T14:10:12	3	0	4	4	0	0.9419	0.9422	0.0003	-0.9989	-0.9988	-0.0001
2023-09-06T14:10:14	1	0	65	64	1	0.9421	0.9421	0.0000	0.9828	0.9827	0.0001
2023-09-06T14:10:32	1	0	54	50	4	0.9424	0.9427	0.0003	0.9996	0.9997	-0.0001
2023-09-06T14:11:36	4	0	2	2	0	0.9987	0.9997	0.0010	0.9986	0.9985	0.0001
2023-09-06T14:11:38	1	0	58	56	2	1.0582	1.0579	-0.0003	-0.9912	-0.991	-0.0002
2023-09-06T14:12:05	1	0	4	4	0	0.9400	0.9401	0.0002	0.9999	0.9999	0.0000
2023-09-06T14:13:27	1	0	2	2	0	1.0380	1.0378	-0.0003	0.9989	0.9989	0.0000
2023-09-06T14:15:11	2	0	123	122	1	0.9258	0.9262	0.0004	0.9936	0.9937	-0.0001
2023-09-06T14:16:40	2	0	101	99	2	0.9528	0.9536	0.0008	0.961	0.9612	-0.0002
2023-09-06T14:17:09	4	0	1	1	0	0.9786	0.9786	0.0000	0.9442	0.9444	-0.0002
2023-09-06T14:17:17	1	0	31	31	0	0.9533	0.9533	0.0000	0.9899	0.9902	-0.0003
2023-09-06T14:17:17	1	0	6	6	0	0.9462	0.9465	0.0002	0.9877	0.9873	0.0004
2023-09-06T14:17:29	1	0	1	1	0	0.9371	0.9374	0.0003	0.9813	0.9813	0.0000
2023-09-06T14:17:30	1	0	1	1	0	0.9865	0.9874	0.0009	0.9684	0.9689	-0.0005
2023-09-06T14:17:50	1	0	4	4	0	1.0028	1.0026	-0.0003	0.971	0.9709	0.0001
2023-09-06T14:19:26	2	0	24	23	1	1.0555	1.0553	-0.0002	-0.9949	-0.9949	0.0000
2023-09-06T14:19:44	1	0	13	13	0	0.9709	0.9707	-0.0002	0.9998	0.9998	0.0000
2023-09-06T14:22:10	1	0	14	14	0	0.9939	0.9940	0.0001	0.9814	0.9814	0.0000
2023-09-06T14:22:18	1	0	3	3	0	0.9934	0.9934	0.0001	0.9988	0.9985	0.0003
2023-09-06T14:23:02	1	0	2	2	0	0.9361	0.9367	0.0006	0.9913	0.9913	0.0000
2023-09-06T14:23:47	6	0	235	203	32	0.9303	0.9296	-0.0006	0.9621	0.9638	-0.0017
2023-09-06T14:23:59	3	0	2	2	0	0.9769	0.9772	0.0003	0.9995	0.9995	0.0000
2023-09-06T14:24:33	1	0	1	1	0	1.0283	1.0281	-0.0002	0.9983	0.9981	0.0002
2023-09-06T14:24:38	1	0	9	9	0	0.9509	0.9510	0.0001	0.9994	0.9993	0.0001

2023-09-06T14:25:13	2	0	4	4	0	0.9361	0.9362	0.0001	-0.9982	-0.9982	0.0000
2023-09-06T14:25:15	1	0	137	137	0	0.9388	0.9389	0.0001	0.9823	0.9823	0.0000
2023-09-06T14:25:36	1	0	52	52	0	0.9404	0.9407	0.0003	0.9996	0.9996	0.0000
2023-09-06T14:26:41	1	0	54	49	5	1.0576	1.0575	-0.0001	-0.9922	-0.9921	-0.0001
2023-09-06T14:27:06	1	0	3	3	0	0.9409	0.9410	0.0001	1	1	0.0000
2023-09-06T14:27:31	2	0	191	183	8	0.9226	0.9227	0.0001	0.9916	0.9914	0.0002
2023-09-06T14:27:31	4	0	72	72	0	0.9113	0.9128	0.0015	0.9786	0.9798	-0.0012
2023-09-06T14:27:32	5	0	3	3	0	0.9654	0.9659	0.0005	0.9997	0.9997	0.0000
2023-09-06T14:28:12	1	0	1	1	0	1.0318	1.0311	-0.0007	0.963	0.9625	0.0005
2023-09-06T14:28:31	1	0	2	2	0	1.0413	1.0411	-0.0002	0.9977	0.9977	0.0000
2023-09-06T14:29:11	1	0	2	2	0	1.0005	1.0001	-0.0004	0.9812	0.9811	0.0001
2023-09-06T14:30:12	2	0	110	110	0	0.9268	0.9271	0.0003	0.9955	0.9955	0.0000
2023-09-06T14:30:54	3	0	43	43	0	0.9509	0.9507	-0.0003	0.9992	0.9992	0.0000
2023-09-06T14:31:48	2	0	88	86	2	0.9556	0.9560	0.0004	0.9641	0.9643	-0.0002
2023-09-06T14:32:10	4	0	15	15	0	1.0450	1.0449	-0.0001	0.9743	0.9742	0.0001
2023-09-06T14:32:18	1	0	36	36	0	0.9510	0.9510	0.0000	0.9888	0.9891	-0.0003
2023-09-06T14:33:00	1	0	3	3	0	0.9999	0.9983	-0.0016	0.9668	0.9686	-0.0018
2023-09-06T14:34:16	1	0	27	13	14	0.9447	0.9445	-0.0002	0.9997	0.9997	0.0000
2023-09-06T14:34:27	2	0	21	19	2	1.0537	1.0535	-0.0002	-0.9956	-0.9956	0.0000
2023-09-06T14:34:49	2	0	17	16	1	0.9691	0.9706	0.0015	0.9996	0.9996	0.0000
2023-09-06T14:37:11	1	0	3	3	0	1.1740	1.1737	-0.0003	0.9809	0.9808	0.0001
2023-09-06T14:37:19	1	0	7	7	0	1.0244	1.0244	0.0000	0.9988	0.9988	0.0000
2023-09-06T14:37:56	1	0	4	4	0	0.9808	0.9802	-0.0007	-0.9854	-0.9857	0.0003
2023-09-06T14:38:48	6	0	288	286	2	0.9288	0.9291	0.0002	0.9632	0.9633	-0.0001
2023-09-06T14:39:06	3	0	3	3	0	0.9644	0.9648	0.0004	0.9989	0.9989	0.0000
2023-09-06T14:39:52	2	0	38	35	3	0.9434	0.9435	0.0001	0.9475	0.9476	-0.0001
2023-09-06T14:39:53	1	0	1	1	0	0.9934	0.9932	-0.0002	0.9989	0.9989	0.0000
2023-09-06T14:39:55	1	0	1	1	0	1.0245	1.0243	-0.0002	0.9981	0.9979	0.0002
2023-09-06T14:40:21	1	0	26	26	0	0.9424	0.9424	0.0000	0.984	0.984	0.0000
2023-09-06T14:40:38	1	0	5	5	0	1.0487	1.0483	-0.0004	0.9814	0.9812	0.0002
2023-09-06T14:40:41	1	0	54	53	1	0.9382	0.9384	0.0003	0.9996	0.9997	-0.0001
2023-09-06T14:41:13	1	0	29	26	3	0.9415	0.9416	0.0000	0.9875	0.983	0.0045
2023-09-06T14:41:38	3	0	1	0	1	0.9444	null	null	0.9969	0.9969	0.0000
2023-09-06T14:41:46	1	0	108	107	1	1.0612	1.0607	-0.0005	-0.9948	-0.9947	-0.0001
2023-09-06T14:42:07	1	0	3	3	0	0.9421	0.9421	0.0000	0.9999	0.9999	0.0000
2023-09-06T14:42:42	2	0	83	77	6	0.9325	0.9327	0.0002	0.9934	0.9932	0.0002
2023-09-06T14:42:53	4	0	4	4	0	0.9818	0.9823	0.0004	0.9996	0.9994	0.0002
2023-09-06T14:43:44	1	0	16	16	0	0.9391	0.9398	0.0007	0.9709	0.9706	0.0003
2023-09-06T14:45:40	1	0	3	3	0	0.9409	0.9409	0.0001	0.9943	0.9941	0.0002
2023-09-06T14:46:02	5	0	50	49	1	0.9311	0.9313	0.0002	0.9996	0.9995	0.0001
2023-09-06T14:46:56	1	0	89	88	1	0.9527	0.9533	0.0006	0.9654	0.9654	0.0000
2023-09-06T14:47:05	1	0	10	10	0	0.9429	0.9432	0.0003	-0.9743	-0.9738	-0.0005
2023-09-06T14:47:34	1	0	1	1	0	0.9924	0.9935	0.0011	0.9723	0.9728	-0.0005
2023-09-06T14:50:01	1	0	15	15	0	1.0484	1.0484	0.0000	-0.9989	-0.9989	0.0000
2023-09-06T14:54:50	1	0	14	13	1	0.9783	0.9810	0.0028	0.972	0.9721	-0.0001
2023-09-06T14:54:52	7	0	42	45	-3	0.9498	0.9493	-0.0005	0.9878	0.9909	-0.0031
2023-09-06T14:55:13	1	0	15	15	0	0.9453	0.9456	0.0003	0.9982	0.9982	0.0000
2023-09-06T14:58:21	2	0	122	119	3	0.9449	0.9449	0.0000	0.9904	0.9904	0.0000
2023-09-06T14:58:50	1	0	30	30	0	0.9388	0.9395	0.0007	0.9701	0.9699	0.0002
2023-09-06T15:02:37	1	0	6	6	0	0.9462	0.9464	0.0002	0.9873	0.9869	0.0004
2023-09-06T15:03:02	2	0	2	2	0	1.0375	1.0372	-0.0003	0.9788	0.9787	0.0001
2023-09-06T15:11:51	2	0	2	1	1	0.9449	0.9449	0.0000	0.997	0.9971	-0.0001
2023-09-06T15:13:19	1	0	1	1	0	1.0306	1.0301	-0.0005	0.9638	0.9633	0.0005
2023-09-06T15:15:15	2	0	104	104	0	0.9315	0.9316	0.0001	0.9924	0.9924	0.0000
2023-09-06T15:17:32	2	0	1	0	1	0.9443	null	null	0.9865	0.9868	-0.0003
2023-09-06T15:17:46	1	0	1	1	0	0.9431	0.9432	0.0001	0.9905	0.9904	0.0001
2023-09-06T15:19:30	1	0	5	5	0	1.0151	1.0152	0.0001	0.985	0.9846	0.0004
2023-09-06T15:20:13	1	0	11	11	0	1.0460	1.0460	0.0000	-0.9959	-0.9959	0.0000
2023-09-06T15:23:51	2	0	191	191	0	0.9257	0.9261	0.0004	0.9698	0.9704	-0.0006
2023-09-06T15:25:50	2	0	7	7	0	1.0010	1.0008	-0.0002	-0.9975	-0.9975	0.0000
2023-09-06T15:28:39	1	0	136	135	1	0.9364	0.9367	0.0003	0.9895	0.9896	-0.0001
2023-09-06T15:31:44	3	0	4	4	0	0.9431	0.9442	0.0011	-0.9728	-0.972	-0.0008
2023-09-06T15:32:48	2	0	91	90	1	1.0579	1.0578	-0.0001	1	1	0.0000
2023-09-06T15:37:15	1	0	14	11	3	0.9907	1.0042	0.0134	0.985	0.9851	-0.0001
2023-09-06T15:41:49	2	0	1	1	0	0.9422	0.9431	0.0009	0.9768	0.9769	-0.0001
2023-09-06T15:41:53	3	0	13	0	13	0.9448	null	null	0.9952	0.9953	-0.0001
2023-09-06T15:42:36	1	0	3	3	0	0.9679	0.9680	0.0001	0.9929	0.9929	0.0000
2023-09-06T15:42:39	4	0	69	69	0	0.9256	0.9268	0.0012	0.973	0.9736	-0.0006
2023-09-06T15:43:12	1	0	12	12	0	0.9501	0.9503	0.0002	0.9989	0.9989	0.0000
2023-09-06T15:43:13	1	0	232	231	1	0.9147	0.9147	0.0000	0.9913	0.9912	0.0001
2023-09-06T15:43:25	1	0	1	0	1	1.0249	null	null	0.9611	0.961	0.0001
2023-09-06T15:47:34	1	0	1	1	0	0.9432	0.9433	0.0001	0.9874	0.9872	0.0002
2023-09-06T15:50:58	1	0	1	1	0	0.9855	0.9858	0.0003	0.9807	0.9808	-0.0001
2023-09-06T15:52:59	1	0	2	2	0	0.9499	0.9501	0.0002	0.969	0.9608	0.0082
2023-09-06T15:54:54	1	0	132	129	3	0.9192	0.9175	-0.0016	0.9762	0.9763	-0.0001
2023-09-06T16:03:35	1	0	41	41	0	0.9469	0.9469	0.0000	0.9807	0.9803	0.0004
2023-09-06T16:04:08	1	0	1	1	0	0.9440	0.9444	0.0004	0.9984	0.9984	0.0000
2023-09-06T16:06:36	2	0	215	210	5	0.9376	0.9377	0.0000	0.9635	0.9631	0.0004
2023-09-06T16:07:36	2	0	1	0	1	1.0129	null	null	0.9686	0.968	0.0006
2023-09-06T16:10:53	2	0	9	9	0	0.9522	0.9524	0.0002	-0.9981	-0.9983	0.0002
2023-09-06T16:11:50	2	0	111	110	1	0.9333	0.9354	0.0021	0.9598	0.9597	0.0001
2023-09-06T16:13:31	1	0	2	2	0	0.9988	0.9989	0.0000	0.963	0.9628	0.0002
2023-09-06T16:13:37	3	0	1	1	0	1.0386	1.0378	-0.0008	-1	-1	0.0000
2023-09-06T16:13:41	1	0	2	2	0	1.0362	1.0362	0.0000	0.9958	0.9958	0.0000
2023-09-06T16:23:03	1	0	33	31	2	0.9399	0.9397	-0.0002	0.9437	0.9438	-0.0001

2023-09-06T16:23:32	1	0	4	4	0	0.9399	0.9401	0.0002	-0.9839	-0.9835	-0.0004
2023-09-06T16:26:56	2	0	12	12	0	0.9418	0.9419	0.0000	0.9885	0.9885	0.0000
2023-09-06T16:27:44	1	0	2	2	0	0.9785	0.9783	-0.0002	0.9907	0.9904	0.0003
2023-09-06T16:30:35	1	0	7	7	0	0.9427	0.9431	0.0004	0.9882	0.9882	0.0000
2023-09-06T16:31:47	6	0	277	276	1	0.9324	0.9327	0.0003	0.9969	0.9969	0.0000
2023-09-06T16:41:57	3	0	6	6	0	0.9407	0.9408	0.0001	0.9891	0.9891	0.0000
2023-09-06T16:47:02	1	0	221	220	1	0.9396	0.9397	0.0001	0.9974	0.9975	-0.0001
2023-09-06T17:02:18	1	0	196	196	0	0.9421	0.9420	-0.0001	0.9982	0.9982	0.0000
2023-09-06T17:38:36	1	0	58	52	6	0.9424	0.9432	0.0008	-0.9927	-0.9922	-0.0005
2023-09-06T17:52:11	1	0	136	136	0	0.9351	0.9351	0.0000	0.9795	0.9793	0.0002
2023-09-06T18:02:27	1	0	94	94	0	0.9363	0.9364	0.0001	0.9998	0.9998	0.0000
2023-09-06T18:29:53	1	0	7	7	0	0.9539	0.9539	0.0000	0.9856	0.9855	0.0001
2023-09-07T08:04:22	1	0	61	60	1	0.9479	0.9479	0.0000	-0.996	-0.996	0.0000
2023-09-07T08:08:20	2	0	1	1	0	1.0304	1.0300	-0.0004	-0.9971	-0.9971	0.0000
2023-09-07T08:08:50	1	0	68	68	0	1.0547	1.0547	-0.0001	-0.9301	-0.9297	-0.0004
2023-09-07T08:13:10	1	0	22	22	0	0.9410	0.9411	0.0001	0.9408	0.9397	0.0011
2023-09-07T08:19:23	1	0	113	113	0	0.9353	0.9353	0.0000	-0.9976	-0.9976	0.0000
2023-09-07T08:48:10	2	0	50	48	2	1.0582	1.0583	0.0000	-0.9967	-0.9967	0.0000
2023-09-07T09:08:58	1	0	37	37	0	1.0510	1.0510	-0.0001	-0.9464	-0.9459	-0.0005
2023-09-07T09:09:29	1	0	9	9	0	0.9438	0.9440	0.0002	0.9834	0.9835	-0.0001
2023-09-07T09:12:44	1	0	6	6	0	1.0387	1.0387	0.0000	0.9769	0.9769	0.0000
2023-09-07T09:13:01	1	0	11	10	1	0.9531	0.9542	0.0011	0.9416	0.9421	-0.0005
2023-09-07T09:14:45	2	0	382	379	3	0.8793	0.8796	0.0003	0.9187	0.9188	-0.0001
2023-09-07T09:16:22	1	0	2	2	0	1.0351	1.0350	-0.0002	-0.9985	-0.9985	0.0000
2023-09-07T09:19:58	3	0	14	11	3	0.9579	0.9581	0.0002	0.9957	0.9949	0.0008
2023-09-07T09:24:01	2	0	78	75	3	1.0572	1.0570	-0.0001	-0.9551	-0.9552	0.0001
2023-09-07T09:28:15	3	0	12	12	0	0.9406	0.9406	0.0000	0.9578	0.9583	-0.0005
2023-09-07T09:30:08	4	0	34	33	1	1.0536	1.0534	-0.0003	1	1	0.0000
2023-09-07T09:30:32	1	0	6	6	0	1.0068	1.0066	-0.0001	0.9918	0.9918	0.0000
2023-09-07T09:31:33	1	0	2	0	2	0.9448	null	null	-0.9972	-0.9971	-0.0001
2023-09-07T09:34:49	1	0	12	12	0	0.9345	0.9348	0.0003	0.9845	0.9843	0.0002
2023-09-07T09:38:45	1	0	2	2	0	1.0215	1.0213	-0.0003	0.9991	0.9991	0.0000
2023-09-07T09:39:31	1	0	23	22	1	0.9427	0.9428	0.0001	0.9824	0.9824	0.0000
2023-09-07T09:40:26	1	0	1	1	0	0.8190	0.8193	0.0003	0.9936	0.9933	0.0003
2023-09-07T09:41:06	1	0	2	2	0	0.9803	0.9806	0.0003	1	1	0.0000
2023-09-07T09:42:46	1	0	5	5	0	1.0343	1.0343	0.0001	0.9733	0.9734	-0.0001
2023-09-07T09:46:30	1	0	2	2	0	1.0404	1.0403	-0.0001	-0.999	-0.999	0.0000
2023-09-07T09:50:00	1	0	3	3	0	0.9753	0.9755	0.0002	0.9962	0.9962	0.0000
2023-09-07T09:50:12	1	0	3	3	0	1.1352	1.1351	-0.0001	0.9879	0.9879	0.0000
2023-09-07T09:53:03	1	0	1	1	0	0.9962	0.9957	-0.0005	-0.9955	-0.9954	-0.0001
2023-09-07T09:53:26	1	0	16	15	1	1.0501	1.0501	0.0000	0.9928	0.9902	0.0026
2023-09-07T09:53:27	1	0	1	1	0	1.0339	1.0331	-0.0008	-0.9948	-0.9949	0.0001
2023-09-07T09:55:49	1	0	2	2	0	1.0435	1.0429	-0.0006	0.9761	0.9756	0.0005
2023-09-07T09:56:07	1	0	15	15	0	0.9504	0.9507	0.0003	0.9999	0.9999	0.0000
2023-09-07T09:58:26	1	0	41	41	0	0.9335	0.9339	0.0004	0.9994	0.9994	0.0000
2023-09-07T09:59:44	1	0	2	2	0	1.0268	1.0266	-0.0003	0.9699	0.9696	0.0003
2023-09-07T10:00:10	4	0	32	32	0	1.0537	1.0538	0.0002	0.9919	0.9918	0.0001
2023-09-07T10:00:31	6	0	15	15	0	1.0393	1.0393	-0.0001	0.9994	0.999	0.0004
2023-09-07T10:00:34	1	0	15	15	0	0.9677	0.9677	0.0000	0.9891	0.9892	-0.0001
2023-09-07T10:01:23	1	0	2	2	0	1.0456	1.0448	-0.0008	-0.9916	-0.9917	0.0001
2023-09-07T10:01:35	1	0	2	0	2	0.9447	null	null	-0.9987	-0.9986	-0.0001
2023-09-07T10:03:07	3	0	35	31	4	0.9393	0.9401	0.0008	0.9974	0.9975	-0.0001
2023-09-07T10:04:03	1	0	7	7	0	0.9758	0.9757	0.0000	0.9602	0.9598	0.0004
2023-09-07T10:04:30	1	0	125	125	0	0.9369	0.9369	0.0000	-0.9986	-0.9986	0.0000
2023-09-07T10:04:57	1	0	6	6	0	0.9191	0.9195	0.0004	0.9839	0.984	-0.0001
2023-09-07T10:05:01	2	0	4	4	0	0.9501	0.9504	0.0003	0.9939	0.9939	0.0000
2023-09-07T10:07:00	2	0	1	1	0	1.0038	1.0043	0.0005	-0.9998	-0.9998	0.0000
2023-09-07T10:08:28	1	0	1	1	0	1.0309	1.0299	-0.0010	-0.9943	-0.9943	0.0000
2023-09-07T10:08:50	1	0	3	3	0	1.0310	1.0326	0.0016	-0.9874	-0.9877	0.0003
2023-09-07T10:09:10	2	0	74	71	3	1.0557	1.0552	-0.0005	-0.9644	-0.9647	0.0003
2023-09-07T10:10:28	1	0	1	1	0	0.7911	0.7915	0.0004	0.9913	0.991	0.0003
2023-09-07T10:10:32	1	0	1	0	1	1.0168	null	null	0.9974	0.9972	0.0002
2023-09-07T10:10:56	1	0	3	3	0	1.0336	1.0330	-0.0005	0.9789	0.9784	0.0005
2023-09-07T10:11:08	1	0	4	4	0	0.9496	0.9501	0.0005	0.9997	0.9997	0.0000
2023-09-07T10:11:49	2	0	41	40	1	0.9507	0.9510	0.0003	0.9854	0.9853	0.0001
2023-09-07T10:13:24	4	0	70	65	5	0.9330	0.9338	0.0009	0.9544	0.9546	-0.0002
2023-09-07T10:14:04	1	0	3	3	0	0.9537	0.9541	0.0004	0.9664	0.966	0.0004
2023-09-07T10:14:49	4	0	356	340	16	0.8812	0.8818	0.0005	0.9181	0.9184	-0.0003
2023-09-07T10:15:11	1	0	100	100	0	1.0597	1.0597	0.0000	0.9907	0.9906	0.0001
2023-09-07T10:15:32	1	0	2	2	0	0.9758	0.9757	-0.0002	-0.9999	-0.9999	0.0000
2023-09-07T10:17:40	1	0	19	18	1	1.0112	1.0143	0.0030	1	1	0.0000
2023-09-07T10:19:04	1	0	9	9	0	0.9996	0.9995	-0.0001	0.9715	0.9715	0.0000
2023-09-07T10:19:42	1	0	6	6	0	1.0167	1.0167	0.0000	0.998	0.998	0.0000
2023-09-07T10:20:18	1	0	1	1	0	0.9885	0.9888	0.0003	0.9916	0.9916	0.0000
2023-09-07T10:20:18	1	0	3	3	0	1.1544	1.1543	-0.0001	0.9872	0.9871	0.0001
2023-09-07T10:21:29	1	0	1	1	0	1.0594	1.0588	-0.0006	-0.9996	-0.9998	0.0002
2023-09-07T10:21:40	5	0	21	22	-1	0.9354	0.9368	0.0014	0.9846	0.9843	0.0003
2023-09-07T10:22:01	1	0	1	1	0	1.0031	1.0037	0.0006	-0.9999	-0.9999	0.0000
2023-09-07T10:24:26	1	0	1	1	0	0.9429	0.9436	0.0007	0.9934	0.9935	-0.0001
2023-09-07T10:27:49	2	0	3	3	0	1.0235	1.0237	0.0003	0.9677	0.9681	-0.0004
2023-09-07T10:27:57	1	0	2	2	0	0.9748	0.9753	0.0005	0.9923	0.9923	0.0000
2023-09-07T10:28:28	1	0	2	2	0	0.9406	0.9408	0.0002	0.9845	0.9845	0.0000
2023-09-07T10:28:45	3	0	1	0	1	1.0328	null	null	0.9951	0.9951	0.0000
2023-09-07T10:30:01	3	0	17	16	1	0.9371	0.9369	-0.0001	0.999	0.9991	-0.0001
2023-09-07T10:30:12	1	0	73	68	5	1.0607	1.0606	-0.0001	0.989	0.9887	0.0003

2023-09-07T10:35:30	1	0	1	1	0	0.9389	0.9394	0.0005	-0.9784	-0.9786	0.0002
2023-09-07T10:37:46	1	0	8	8	0	1.0078	1.0078	0.0000	0.9771	0.9867	-0.0096
2023-09-07T10:38:46	1	0	39	37	2	1.0574	1.0572	-0.0002	-0.9997	-0.9999	0.0002
2023-09-07T10:40:32	1	0	2	6	-4	1.0379	1.0535	0.0155	0.9992	-0.9922	-0.0086
2023-09-07T10:43:33	1	0	8	9	-1	0.9388	0.9408	0.0020	0.9395	0.9394	0.0001
2023-09-07T10:45:35	1	0	1	1	0	0.9936	0.9948	0.0012	0.9727	0.9733	-0.0006
2023-09-07T10:46:25	1	0	4	4	0	0.9461	0.9462	0.0001	0.821	0.8214	-0.0004
2023-09-07T10:47:33	2	0	1	0	1	1.0367	null	null	-0.9981	-0.9981	0.0000
2023-09-07T10:50:04	2	0	21	21	0	0.9547	0.9545	-0.0002	0.9927	0.9926	0.0001
2023-09-07T10:50:31	1	0	2	2	0	0.9797	0.9794	-0.0003	-0.9858	-0.9861	0.0003
2023-09-07T10:54:28	1	0	1	1	0	1.0397	1.0388	-0.0009	0.9973	0.9973	0.0000
2023-09-07T10:54:36	1	0	2	2	0	0.9401	0.9407	0.0007	0.9832	0.9832	0.0000
2023-09-07T10:56:10	1	0	5	5	0	1.0334	1.0329	-0.0006	0.9722	0.971	0.0012
2023-09-07T10:56:27	4	0	2	2	0	1.0476	1.0470	-0.0007	1	0.9999	0.0001
2023-09-07T10:56:38	1	0	1	1	0	1.0412	1.0404	-0.0008	0.997	0.9969	0.0001
2023-09-07T10:57:48	1	0	7	7	0	0.9529	0.9533	0.0003	0.9153	0.9157	-0.0004
2023-09-07T10:58:32	1	0	38	37	1	0.9483	0.9483	0.0000	0.9811	0.9812	-0.0001
2023-09-07T10:58:41	1	0	47	10	37	0.9433	0.9428	-0.0005	0.9408	0.9412	-0.0004
2023-09-07T10:59:54	2	0	2	0	2	1.0454	null	null	-0.8908	-0.891	0.0002
2023-09-07T11:00:03	1	0	28	28	0	0.9374	0.9377	0.0003	0.9988	0.9988	0.0000
2023-09-07T11:00:14	2	0	26	27	-1	1.0560	1.0559	-0.0001	0.9875	0.983	0.0045
2023-09-07T11:01:38	1	0	4	4	0	1.0154	1.0150	-0.0004	-0.9984	-0.9985	0.0001
2023-09-07T11:01:42	1	0	2	2	0	0.9411	0.9412	0.0001	-0.9994	-0.9993	-0.0001
2023-09-07T11:03:11	1	0	89	90	-1	0.9222	0.9222	0.0001	0.9898	0.9898	0.0000
2023-09-07T11:05:24	2	0	30	28	2	0.9361	0.9366	0.0004	0.9974	0.9937	0.0037
2023-09-07T11:08:49	1	0	27	27	0	0.9430	0.9430	0.0000	0.9939	0.9938	0.0001
2023-09-07T11:13:31	1	0	92	89	3	0.9135	0.9140	0.0005	0.9961	0.9959	0.0002
2023-09-07T11:13:50	1	0	1	1	0	0.9408	0.9426	0.0018	0.9399	0.9398	0.0001
2023-09-07T11:14:55	2	0	3	3	0	1.0510	1.0506	-0.0004	-0.9029	-0.9032	0.0003
2023-09-07T11:25:31	3	0	90	84	6	0.9417	0.9417	0.0000	0.9822	0.9823	-0.0001
2023-09-07T11:25:37	1	0	1	1	0	1.0194	1.0187	-0.0007	0.9959	0.9956	0.0003
2023-09-07T11:26:07	1	0	1	1	0	1.0419	1.0414	-0.0005	0.998	0.998	0.0000
2023-09-07T11:26:33	1	0	5	5	0	0.9504	0.9505	0.0001	0.9995	0.9995	0.0000
2023-09-07T11:28:01	1	0	1	1	0	1.0455	1.0455	0.0000	-0.9964	-0.9964	0.0000
2023-09-07T11:28:39	4	0	123	117	6	0.9098	0.9102	0.0004	0.9957	0.9958	-0.0001
2023-09-07T11:28:58	2	0	12	10	2	0.9349	0.9357	0.0008	0.9394	0.9396	-0.0002
2023-09-07T11:29:51	1	0	2	2	0	0.9649	0.9652	0.0003	0.984	0.9813	0.0027
2023-09-07T11:30:29	1	0	2	2	0	1.0247	1.0245	-0.0002	0.9763	0.9762	0.0001
2023-09-07T11:30:37	1	0	2	2	0	0.9773	0.9774	0.0002	0.9986	0.9992	-0.0006
2023-09-07T11:30:44	1	0	1	1	0	0.9899	0.9909	0.0010	0.9736	0.9742	-0.0006
2023-09-07T11:31:28	2	0	62	62	0	0.9363	0.9363	0.0000	0.8144	0.8142	0.0002
2023-09-07T11:31:46	2	0	6	6	0	0.9891	0.9887	-0.0004	-0.9991	-0.9992	0.0001
2023-09-07T11:32:34	1	0	1	1	0	1.0557	1.0553	-0.0004	0.9709	0.9707	0.0002
2023-09-07T11:34:47	1	0	4	4	0	1.0036	1.0036	0.0000	0.9969	0.9969	0.0000
2023-09-07T11:35:22	1	0	69	37	32	0.9702	0.9720	0.0018	0.9823	0.981	0.0013
2023-09-07T11:35:24	1	0	2	2	0	1.0079	1.0082	0.0003	0.9994	0.9994	0.0000
2023-09-07T11:35:31	1	0	3	3	0	0.9088	0.9088	0.0000	0.9816	0.9816	0.0000
2023-09-07T11:36:17	5	0	3	3	0	1.0224	1.0214	-0.0009	0.9979	0.9979	0.0000
2023-09-07T11:36:45	1	0	81	81	0	0.9342	0.9342	0.0000	0.978	0.9781	-0.0001
2023-09-07T11:39:08	1	0	48	46	2	0.9459	0.9462	0.0003	-0.996	-0.9958	-0.0002
2023-09-07T11:39:36	2	0	87	85	2	1.0578	1.0576	-0.0002	-0.9818	-0.9819	0.0001
2023-09-07T11:41:13	1	0	1	1	0	1.0425	1.0422	-0.0003	0.9975	0.9975	0.0000
2023-09-07T11:41:34	1	0	28	28	0	0.9439	0.9439	0.0000	0.9987	0.9987	0.0000
2023-09-07T11:44:05	2	0	9	9	0	0.9482	0.9487	0.0005	0.9569	0.957	-0.0001
2023-09-07T11:44:59	1	0	3	3	0	0.9721	0.9723	0.0001	0.9817	0.9789	0.0028
2023-09-07T11:45:39	1	0	2	2	0	1.0254	1.0253	-0.0002	0.9775	0.9775	0.0000
2023-09-07T11:45:47	1	0	1	1	0	0.9830	0.9837	0.0007	0.9719	0.9723	-0.0004
2023-09-07T11:46:01	5	0	13	13	0	1.0147	1.0146	-0.0001	0.9986	0.9981	0.0005
2023-09-07T11:46:29	2	0	73	73	0	0.9316	0.9316	0.0000	0.8107	0.8104	0.0003
2023-09-07T11:46:45	2	0	1	2	-1	0.9376	0.9409	0.0033	-0.9998	-0.9998	0.0000
2023-09-07T11:46:51	2	0	8	8	0	0.9912	0.9909	-0.0003	-0.9992	-0.9993	0.0001
2023-09-07T11:49:36	2	0	36	36	0	0.9553	0.9553	0.0000	0.9652	0.9652	0.0000
2023-09-07T11:49:48	1	0	23	23	0	0.9546	0.9546	0.0000	0.9971	0.9971	0.0000
2023-09-07T11:50:23	1	0	3	6	-3	1.1771	1.0631	-0.1140	0.9794	0.9793	0.0001
2023-09-07T11:50:25	1	0	4	4	0	0.9632	0.9634	0.0003	0.9992	0.9992	0.0000
2023-09-07T11:50:37	1	0	10	10	0	0.9374	0.9374	0.0000	0.9811	0.9811	0.0000
2023-09-07T11:50:44	2	0	2	2	0	0.9492	0.9492	0.0000	-0.9886	-0.9883	-0.0003
2023-09-07T11:51:28	6	0	3	3	0	1.0212	1.0205	-0.0007	0.9972	0.9971	0.0001
2023-09-07T11:53:52	1	0	31	31	0	0.9429	0.9429	0.0000	0.9848	0.9848	0.0000
2023-09-07T11:54:14	1	0	54	53	1	0.9357	0.9359	0.0002	-0.9983	-0.9982	-0.0001
2023-09-07T11:54:39	1	0	69	69	0	1.0568	1.0567	-0.0001	-0.98	-0.9799	-0.0001
2023-09-07T11:56:35	1	0	74	74	0	0.9386	0.9386	0.0000	0.9971	0.9971	0.0000
2023-09-07T11:57:15	1	0	1	0	1	1.0554	null	null	0.9867	0.9867	0.0000
2023-09-07T11:59:10	2	0	75	42	33	0.9398	0.9414	0.0016	0.9554	0.9557	-0.0003
2023-09-07T12:04:52	1	0	18	18	0	0.9496	0.9496	0.0000	0.9969	0.9969	0.0000
2023-09-07T12:05:24	1	0	147	146	1	0.9614	0.9624	0.0010	0.9717	0.9719	-0.0002
2023-09-07T12:06:47	5	0	32	33	-1	0.9316	0.9316	0.0000	0.98	0.9803	-0.0003
2023-09-07T12:07:34	1	0	1	1	0	1.0233	1.0230	-0.0003	0.9997	0.9997	0.0000
2023-09-07T12:08:53	1	0	52	52	0	0.9409	0.9409	0.0000	0.9856	0.9855	0.0001
2023-09-07T12:09:42	1	0	82	78	4	1.0575	1.0575	0.0000	-0.9792	-0.979	-0.0002
2023-09-07T12:11:36	1	0	20	20	0	0.9432	0.9432	0.0000	0.9996	0.9996	0.0000
2023-09-07T12:19:38	2	0	56	56	0	0.9674	0.9688	0.0014	0.9594	0.9594	0.0000
2023-09-07T12:21:40	6	0	9	9	0	0.9773	0.9771	-0.0002	0.9945	0.9945	0.0000
2023-09-07T12:21:48	1	0	40	39	1	0.9333	0.9335	0.0002	0.9792	0.9796	-0.0004
2023-09-07T12:24:20	1	0	41	41	0	0.9496	0.9497	0.0001	-0.9945	-0.9944	-0.0001

2023-09-07T12:28:38	2	0	9	9	0	0.9497	0.9498	0.0001	0.9948	0.9948	0.0000
2023-09-07T12:36:52	1	0	8	8	0	0.9590	0.9590	0.0000	0.9942	0.9957	-0.0015
2023-09-07T12:44:26	2	0	13	13	0	0.9408	0.9409	0.0000	0.9514	0.9514	0.0000
2023-09-07T12:46:33	2	0	81	82	-1	0.9291	0.9291	0.0000	0.8059	0.8052	0.0007
2023-09-07T12:52:37	1	0	1	0	1	1.0151	null	null	0.9909	0.9334	0.0575
2023-09-07T12:53:30	1	0	5	5	0	0.9439	0.9442	0.0003	0.9998	0.9998	0.0000
2023-09-07T12:58:55	4	0	73	73	0	0.9178	0.9180	0.0001	0.9979	0.9978	0.0001
2023-09-07T12:59:27	2	0	20	11	9	0.9441	0.9449	0.0008	0.9539	0.9542	-0.0003
2023-09-07T13:00:39	1	0	1	1	0	0.9438	0.9442	0.0004	0.9888	0.9885	0.0003
2023-09-07T13:00:53	1	0	13	13	0	0.9482	0.9481	-0.0001	0.968	0.9679	0.0001
2023-09-07T13:00:54	5	0	2	2	0	0.9910	0.9925	0.0015	0.9712	0.9728	-0.0016
2023-09-07T13:01:34	1	0	82	82	0	0.9367	0.9367	0.0000	0.8091	0.8094	-0.0003
2023-09-07T13:02:46	1	0	6	6	0	0.9972	0.9970	-0.0002	0.9814	0.9763	0.0051
2023-09-07T13:14:37	2	0	34	56	-22	0.9414	0.9409	-0.0005	0.9612	0.961	0.0002
2023-09-07T13:16:04	1	0	13	13	0	0.9644	0.9642	-0.0002	0.9675	0.9691	-0.0016
2023-09-07T13:16:35	1	0	109	108	1	0.9289	0.9289	0.0000	0.8042	0.8039	0.0003
2023-09-07T13:17:47	3	0	3	3	0	0.9956	0.9955	-0.0001	0.9814	0.9769	0.0045
2023-09-07T13:25:25	1	0	24	24	0	0.9404	0.9405	0.0000	0.9981	0.9981	0.0000
2023-09-07T13:25:45	1	0	1	1	0	0.9418	0.9418	0.0000	0.9896	0.9901	-0.0005
2023-09-07T13:45:42	2	0	3	3	0	0.9432	0.9434	0.0002	0.9902	0.9905	-0.0003
2023-09-07T13:50:49	1	0	18	18	0	0.9342	0.9342	0.0000	0.9861	0.9861	0.0000
2023-09-07T13:50:52	3	0	1	0	1	0.9619	null	null	-0.9608	-0.9606	-0.0002
2023-09-07T13:53:34	1	0	5	6	-1	0.9403	0.9434	0.0031	0.9991	0.9991	0.0000
2023-09-07T13:54:53	4	0	28	25	3	0.9665	0.9664	0.0000	0.9935	0.9935	0.0000
2023-09-07T13:56:28	1	0	2	2	0	1.0531	1.0529	-0.0002	-0.9992	-0.9993	0.0001
2023-09-07T13:57:26	1	0	1	1	0	1.0598	1.0597	-0.0001	0.9844	0.9843	0.0001
2023-09-07T13:59:05	1	0	70	69	1	0.9179	0.9182	0.0003	0.9955	0.9955	0.0000
2023-09-07T14:00:27	2	0	648	650	-2	0.8827	0.8827	0.0000	0.9904	0.9903	0.0001
2023-09-07T14:04:56	4	0	1	1	0	0.9435	0.9450	0.0015	0.9923	0.9925	-0.0002
2023-09-07T14:05:53	1	0	97	92	5	0.9332	0.9334	0.0001	0.986	0.9861	-0.0001
2023-09-07T14:07:42	1	0	1	0	1	1.0222	null	null	0.9992	0.9992	0.0000
2023-09-07T14:08:35	1	0	9	9	0	0.9540	0.9540	0.0000	0.9994	0.9994	0.0000
2023-09-07T14:09:01	1	0	92	91	1	0.9413	0.9413	0.0000	0.9931	0.9931	0.0000
2023-09-07T14:09:41	1	0	52	51	1	0.9387	0.9390	0.0002	-0.9989	-0.9988	-0.0001
2023-09-07T14:10:02	1	0	131	129	2	1.0617	1.0613	-0.0004	-0.9832	-0.9834	0.0002
2023-09-07T14:10:13	1	0	3	3	0	0.9819	0.9822	0.0003	0.995	0.995	0.0000
2023-09-07T14:10:50	4	0	11	12	-1	0.9683	0.9665	-0.0018	0.9931	0.9932	-0.0001
2023-09-07T14:11:05	3	0	2	2	0	0.9392	0.9399	0.0006	0.9999	0.9999	0.0000
2023-09-07T14:11:33	1	0	3	3	0	1.0547	1.0543	-0.0004	-0.9995	-0.9996	0.0001
2023-09-07T14:11:42	3	0	2	2	0	1.0590	1.0586	-0.0004	0.9747	0.9746	0.0001
2023-09-07T14:13:46	2	0	23	21	2	0.9506	0.9515	0.0009	0.9963	0.9963	0.0000
2023-09-07T14:14:06	2	0	60	60	0	0.9233	0.9234	0.0001	0.9973	0.9972	0.0001
2023-09-07T14:14:59	2	0	90	87	3	0.9572	0.9577	0.0005	0.9638	0.9639	-0.0001
2023-09-07T14:15:28	2	0	51	49	2	0.9336	0.9333	-0.0003	-0.9995	-0.9995	0.0000
2023-09-07T14:15:49	1	0	1	1	0	1.0286	1.0286	0.0000	-1	-0.9999	-0.0001
2023-09-07T14:16:01	8	0	2	2	0	0.9850	0.9861	0.0011	0.972	0.9731	-0.0011
2023-09-07T14:16:21	1	0	5	5	0	1.0131	1.0123	-0.0008	0.9754	0.9768	-0.0014
2023-09-07T14:16:23	12	0	16	15	1	1.0278	1.0262	-0.0016	0.9985	0.9984	0.0001
2023-09-07T14:16:39	2	0	93	93	0	0.9275	0.9275	0.0000	0.818	0.8188	-0.0008
2023-09-07T14:17:06	2	0	52	51	1	0.9514	0.9513	-0.0001	0.9995	0.9995	0.0000
2023-09-07T14:18:01	2	0	31	31	0	1.0581	1.0579	-0.0002	-0.996	-0.9959	-0.0001
2023-09-07T14:19:38	1	0	93	5	88	1.0576	1.0471	-0.0105	-0.9957	-1	0.0043
2023-09-07T14:19:56	1	0	154	153	1	1.0583	1.0582	0.0000	0.9985	0.9985	0.0000
2023-09-07T14:20:33	1	0	3	3	0	1.1775	1.1773	-0.0002	0.9838	0.9838	0.0000
2023-09-07T14:20:54	1	0	2	2	0	0.9479	0.9480	0.0001	-0.9846	-0.9846	0.0000
2023-09-07T14:20:59	1	0	38	38	0	0.9361	0.9362	0.0001	0.9865	0.9865	0.0000
2023-09-07T14:21:03	1	0	3	3	0	1.0011	1.0012	0.0000	-0.9999	-0.9999	0.0000
2023-09-07T14:21:56	5	0	371	352	19	0.9162	0.9172	0.0010	0.9636	0.9641	-0.0005
2023-09-07T14:22:43	1	0	1	1	0	1.0221	1.0218	-0.0003	0.9989	0.9988	0.0001
2023-09-07T14:23:01	2	0	37	36	1	0.9618	0.9619	0.0001	0.9741	0.9741	0.0000
2023-09-07T14:23:48	1	0	6	6	0	0.9490	0.9490	0.0000	0.9993	0.9993	0.0000
2023-09-07T14:24:02	1	0	73	73	0	0.9421	0.9421	0.0000	0.9945	0.9944	0.0001
2023-09-07T14:24:46	1	0	51	51	0	0.9388	0.9391	0.0003	-0.998	-0.9979	-0.0001
2023-09-07T14:25:14	4	0	5	5	0	0.9688	0.9690	0.0002	0.99	0.9897	0.0003
2023-09-07T14:25:24	4	0	6	7	-1	0.9783	0.9724	-0.0059	0.9875	0.9875	0.0000
2023-09-07T14:25:45	2	0	194	186	8	0.9249	0.9249	0.0000	0.9909	0.9906	0.0003
2023-09-07T14:26:00	3	0	14	15	-1	0.9574	0.9565	-0.0008	0.9935	0.9936	-0.0001
2023-09-07T14:27:28	1	0	1	1	0	1.0556	1.0551	-0.0005	0.9856	0.9856	0.0000
2023-09-07T14:28:13	2	0	1	1	0	0.9723	0.9724	0.0001	0.9985	0.9985	0.0000
2023-09-07T14:28:44	1	0	1	1	0	0.9433	0.9433	0.0000	0.9869	0.9869	0.0000
2023-09-07T14:28:47	2	0	36	32	4	0.9419	0.9421	0.0002	0.9934	0.9934	0.0000
2023-09-07T14:28:59	5	0	117	108	9	0.9320	0.9333	0.0013	0.9984	0.9984	0.0000
2023-09-07T14:29:13	8	0	96	92	4	0.9139	0.9146	0.0007	0.996	0.996	0.0000
2023-09-07T14:30:08	1	0	85	85	0	0.9557	0.9564	0.0007	0.961	0.9612	-0.0002
2023-09-07T14:30:25	1	0	3	3	0	0.9751	0.9754	0.0002	0.9897	0.9897	0.0000
2023-09-07T14:30:29	2	0	46	46	0	0.9331	0.9333	0.0002	-0.9993	-0.9993	0.0000
2023-09-07T14:31:05	1	0	1	1	0	0.9840	0.9851	0.0011	0.9766	0.977	-0.0004
2023-09-07T14:31:35	1	0	7	7	0	0.9686	0.9685	-0.0001	0.9569	0.9567	0.0002
2023-09-07T14:31:37	5	0	19	18	1	1.0365	1.0432	0.0067	0.9991	0.9991	0.0000
2023-09-07T14:32:10	1	0	29	29	0	0.9451	0.9453	0.0002	0.9993	0.9993	0.0000
2023-09-07T14:32:12	2	0	30	30	0	0.9622	0.9621	-0.0001	0.9998	0.9998	0.0000
2023-09-07T14:32:13	1	0	58	57	1	1.0535	1.0534	-0.0001	-1	-1	0.0000
2023-09-07T14:32:38	1	0	12	11	1	0.9776	0.9812	0.0036	0.9935	0.9935	0.0000
2023-09-07T14:34:29	2	0	8	8	0	1.0262	1.0260	-0.0002	0.9994	0.9994	0.0000
2023-09-07T14:34:42	1	0	5	5	0	1.0534	1.0529	-0.0005	-0.9988	-0.999	0.0002

2023-09-07T14:34:47	1	0	43	44	-1	0.9589	0.9583	-0.0006	0.9709	0.9708	0.0001
2023-09-07T14:35:34	1	0	3	3	0	1.1734	1.1733	-0.0001	0.9876	0.9876	0.0000
2023-09-07T14:35:55	1	0	1	1	0	0.9427	0.9428	0.0001	-0.9846	-0.9846	0.0000
2023-09-07T14:36:03	1	0	5	5	0	0.9786	0.9786	0.0000	-0.9999	-0.9999	0.0000
2023-09-07T14:36:06	1	0	86	83	3	0.9293	0.9295	0.0001	0.9866	0.9866	0.0000
2023-09-07T14:36:57	6	0	281	273	8	0.9190	0.9193	0.0004	0.9667	0.9669	-0.0002
2023-09-07T14:37:39	1	0	17	13	4	0.9442	0.9451	0.0009	0.9986	0.9986	0.0000
2023-09-07T14:37:44	1	0	1	1	0	1.0254	1.0253	-0.0001	0.9992	0.9991	0.0001
2023-09-07T14:38:02	2	0	25	25	0	0.9675	0.9675	0.0000	0.9757	0.9758	-0.0001
2023-09-07T14:38:19	1	0	2	2	0	1.0250	1.0245	-0.0005	0.9962	0.9962	0.0000
2023-09-07T14:39:03	2	0	17	16	1	0.9446	0.9448	0.0002	0.9992	0.9992	0.0000
2023-09-07T14:39:03	1	0	50	49	1	0.9426	0.9426	0.0000	0.9924	0.9924	0.0000
2023-09-07T14:39:52	1	0	60	57	3	0.9352	0.9355	0.0002	-0.9989	-0.9989	0.0000
2023-09-07T14:40:40	4	0	5	5	0	1.0014	1.0007	-0.0007	0.992	0.9919	0.0001
2023-09-07T14:40:53	2	0	198	193	5	0.9211	0.9212	0.0002	0.991	0.9908	0.0002
2023-09-07T14:41:07	4	0	2	2	0	0.9843	0.9841	-0.0002	-1	-1	0.0000
2023-09-07T14:41:10	3	0	8	8	0	0.9646	0.9647	0.0001	0.9937	0.9938	-0.0001
2023-09-07T14:41:40	1	0	2	2	0	1.0518	1.0511	-0.0008	-0.9996	-0.9997	0.0001
2023-09-07T14:41:46	3	0	2	3	-1	1.0508	1.0521	0.0013	0.9817	0.9812	0.0005
2023-09-07T14:42:07	1	0	97	90	7	0.9465	0.9466	0.0001	0.987	0.9869	0.0001
2023-09-07T14:42:29	1	0	1	1	0	1.0565	1.0564	-0.0001	0.9872	0.9872	0.0000
2023-09-07T14:43:48	2	0	95	94	1	0.9314	0.9315	0.0001	0.9975	0.9975	0.0000
2023-09-07T14:44:10	5	0	98	96	2	0.9365	0.9368	0.0003	0.9989	0.999	-0.0001
2023-09-07T14:44:24	4	0	108	105	3	0.9111	0.9117	0.0006	0.994	0.9941	-0.0001
2023-09-07T14:44:49	2	0	9	8	1	1.0482	1.0480	-0.0002	1	1	0.0000
2023-09-07T14:45:09	1	0	2	1	1	0.9949	1.0451	0.0502	-0.9741	-0.974	-0.0001
2023-09-07T14:45:21	1	0	91	90	1	0.9559	0.9564	0.0004	0.9639	0.9641	-0.0002
2023-09-07T14:45:21	2	0	4	4	0	1.0212	1.0207	-0.0005	0.9667	0.9665	0.0002
2023-09-07T14:45:38	1	0	6	6	0	0.9993	0.9994	0.0001	0.9752	0.9745	0.0007
2023-09-07T14:45:54	1	0	31	31	0	0.9598	0.9598	0.0000	0.9895	0.9898	-0.0003
2023-09-07T14:46:48	4	0	27	26	1	1.0451	1.0445	-0.0006	0.9994	0.9993	0.0001
2023-09-07T14:48:10	1	0	36	33	3	1.0611	1.0609	-0.0002	-0.9964	-0.9964	0.0000
2023-09-07T14:50:49	1	0	4	4	0	0.9408	0.9410	0.0001	0.9915	0.9913	0.0002
2023-09-07T14:52:01	1	0	78	78	0	1.0529	1.0528	0.0000	-0.9837	-0.9837	0.0000
2023-09-07T14:54:18	1	0	11	10	1	1.0468	1.0466	-0.0001	0.9948	0.9947	0.0001
2023-09-07T14:54:54	1	0	1	1	0	1.0565	1.0565	0.0000	0.9847	0.9847	0.0000
2023-09-07T14:55:38	1	0	25	23	2	1.0496	1.0499	0.0003	0.9973	0.9973	0.0000
2023-09-07T14:56:32	1	0	1	0	1	1.0228	null	null	0.9665	0.9658	0.0007
2023-09-07T14:56:47	2	0	2	2	0	1.0486	1.0486	0.0000	0.9816	0.9816	0.0000
2023-09-07T15:00:31	1	0	113	110	3	0.9440	0.9443	0.0004	0.9528	0.9528	0.0000
2023-09-07T15:02:00	7	0	38	38	0	1.0459	1.0451	-0.0008	0.9992	0.9991	0.0001
2023-09-07T15:02:08	2	0	3	3	0	1.0506	1.0500	-0.0005	0.9962	0.996	0.0002
2023-09-07T15:03:08	1	0	5	5	0	1.0598	1.0598	0.0000	0.9787	0.9787	0.0000
2023-09-07T15:07:22	2	0	3	3	0	1.0332	1.0322	-0.0010	-1	-1	0.0000
2023-09-07T15:08:04	1	0	13	12	1	0.9983	0.9955	-0.0028	0.9772	0.9772	0.0000
2023-09-07T15:10:50	3	0	67	59	8	0.9475	0.9459	-0.0016	0.9978	0.9983	-0.0005
2023-09-07T15:10:57	1	0	3	3	0	0.9971	0.9980	0.0009	0.9964	0.9965	-0.0001
2023-09-07T15:15:56	1	0	48	46	2	0.9541	0.9513	-0.0028	0.9879	0.9879	0.0000
2023-09-07T15:16:43	2	0	80	80	0	0.9288	0.9288	0.0000	0.8261	0.8263	-0.0002
2023-09-07T15:18:23	1	0	42	37	5	1.0621	1.0618	-0.0003	-0.9967	-0.9967	0.0000
2023-09-07T15:20:10	1	0	37	38	-1	0.9630	0.9629	0.0000	0.9706	0.9705	0.0001
2023-09-07T15:20:58	1	0	1	1	0	1.0269	1.0261	-0.0008	-0.9706	-0.9697	-0.0009
2023-09-07T15:25:53	1	0	2	2	0	0.9728	0.9725	-0.0003	0.9924	0.992	0.0004
2023-09-07T15:25:54	1	0	66	50	16	0.9448	0.9478	0.0030	0.9979	0.9983	-0.0004
2023-09-07T15:26:27	1	0	4	5	-1	0.9943	0.9828	-0.0115	0.9921	0.992	0.0001
2023-09-07T15:27:22	1	0	16	16	0	0.9977	0.9976	-0.0001	0.9922	0.992	0.0002
2023-09-07T15:28:48	1	0	2	2	0	0.9387	0.9386	-0.0001	0.985	0.985	0.0000
2023-09-07T15:30:26	1	0	270	269	1	0.8869	0.8869	0.0000	0.9292	0.9291	0.0001
2023-09-07T15:30:33	1	0	5	5	0	1.0362	1.0360	-0.0001	0.9946	0.9945	0.0001
2023-09-07T15:32:22	3	0	13	13	0	1.0420	1.0418	-0.0002	0.9962	0.996	0.0002
2023-09-07T15:33:30	1	0	50	47	3	1.0629	1.0627	-0.0003	-0.9968	-0.9968	0.0000
2023-09-07T15:36:07	1	0	80	76	4	0.9351	0.9359	0.0008	0.9981	0.9981	0.0000
2023-09-07T15:40:50	3	0	2	1	1	0.9438	0.9445	0.0007	-1	-1	0.0000
2023-09-07T15:40:58	1	0	23	13	10	0.9559	0.9653	0.0093	0.9978	0.9981	-0.0003
2023-09-07T15:41:03	1	0	7	7	0	0.9789	0.9789	0.0000	0.9977	0.9977	0.0000
2023-09-07T15:42:03	1	0	14	13	1	1.0497	1.0491	-0.0006	-0.9966	-0.9966	0.0000
2023-09-07T15:45:58	1	0	61	61	0	0.9453	0.9453	0.0000	0.9893	0.9897	-0.0004
2023-09-07T15:46:18	1	0	1	1	0	1.0055	1.0061	0.0006	0.9985	0.9986	-0.0001
2023-09-07T15:47:31	2	0	13	13	0	1.0385	1.0384	0.0000	0.9963	0.9963	0.0000
2023-09-07T15:48:35	1	0	142	140	2	1.0732	1.0727	-0.0005	-0.9709	-0.9711	0.0002
2023-09-07T15:50:46	2	0	1	1	0	1.0186	1.0180	-0.0006	0.9686	0.9684	0.0002
2023-09-07T15:51:58	1	0	1	0	1	1.0554	null	null	0.9932	0.9932	0.0000
2023-09-07T15:57:04	1	0	15	13	2	1.0503	1.0495	-0.0008	-0.9963	-0.9963	0.0000
2023-09-07T16:03:13	1	0	10	10	0	0.9620	0.9621	0.0000	0.957	0.9567	0.0003
2023-09-07T16:12:05	1	0	20	20	0	1.0506	1.0506	-0.0001	-0.9964	-0.9964	0.0000
2023-09-07T16:21:10	1	0	15	15	0	0.9414	0.9423	0.0009	0.9524	0.9525	-0.0001
2023-09-07T16:27:03	1	0	1	0	1	1.0372	null	null	0.9988	0.9988	0.0000
2023-09-07T16:28:05	1	0	7	7	0	1.0282	1.0281	-0.0001	0.9808	0.9805	0.0003
2023-09-07T16:30:36	1	0	3	3	0	0.9693	0.9691	-0.0002	0.9663	0.9651	0.0012
2023-09-07T16:31:01	1	0	67	67	0	0.9633	0.9633	0.0000	0.99	0.9899	0.0001
2023-09-07T16:51:26	1	0	27	14	13	0.9476	0.9490	0.0013	0.9519	0.9524	-0.0005
2023-09-07T16:55:00	1	0	132	132	0	0.9310	0.9310	0.0000	0.9775	0.9774	0.0001
2023-09-07T18:10:05	1	0	109	108	1	0.9303	0.9304	0.0001	0.9733	0.9729	0.0004
2023-09-08T08:09:36	1	0	64	63	1	0.9405	0.9406	0.0000	-0.9987	-0.9987	0.0000
2023-09-08T08:14:08	1	0	51	49	2	1.0521	1.0520	-0.0002	-0.9105	-0.91	-0.0005

2023-09-08T08:18:27	1	0	10	10	0	0.9397	0.9400	0.0002	0.9722	0.9721	0.0001
2023-09-08T08:30:22	1	0	1	1	0	0.9447	0.9447	0.0000	0.9995	0.9995	0.0000
2023-09-08T09:03:30	1	0	4	4	0	1.0025	1.0022	-0.0003	0.9855	0.9854	0.0001
2023-09-08T09:05:44	1	0	7	7	0	1.0086	1.0085	-0.0001	0.9674	0.9673	0.0001
2023-09-08T09:14:44	1	0	1	1	0	0.9426	0.9430	0.0004	0.9822	0.9822	0.0000
2023-09-08T09:21:48	1	0	2	2	0	0.9426	0.9428	0.0002	-1	-1	0.0000
2023-09-08T09:23:31	3	0	24	15	9	1.0548	1.0504	-0.0044	0.9476	0.9467	0.0009
2023-09-08T09:24:41	1	0	111	110	1	0.9367	0.9369	0.0002	0.9997	0.9997	0.0000
2023-09-08T09:25:14	1	0	43	42	1	0.9192	0.9193	0.0001	0.9768	0.9774	-0.0006
2023-09-08T09:29:18	1	0	30	30	0	1.0496	1.0495	-0.0001	-0.9222	-0.9215	-0.0007
2023-09-08T09:33:32	1	0	2	6	-4	0.9304	0.9531	0.0227	0.9812	0.9815	-0.0003
2023-09-08T09:35:05	2	0	202	202	0	0.8952	0.8953	0.0001	0.9056	0.9054	0.0002
2023-09-08T09:41:29	1	0	3	3	0	1.0319	1.0317	-0.0002	0.9988	0.9987	0.0001
2023-09-08T09:44:21	2	0	109	105	4	1.0580	1.0577	-0.0003	-0.9376	-0.9381	0.0005
2023-09-08T09:48:24	1	0	3	3	0	0.9905	0.9904	-0.0001	0.9544	0.9546	-0.0002
2023-09-08T09:48:41	1	0	46	44	2	0.9307	0.9310	0.0003	0.9994	0.9994	0.0000
2023-09-08T09:50:30	1	0	1	1	0	1.0387	1.0381	-0.0006	-0.9978	-0.9979	0.0001
2023-09-08T09:52:17	1	0	1	1	0	0.8243	0.8246	0.0003	0.9838	0.9834	0.0004
2023-09-08T09:52:49	1	0	11	11	0	0.9560	0.9562	0.0003	0.9848	0.9848	0.0000
2023-09-08T09:53:12	1	0	2	2	0	1.0266	1.0257	-0.0009	-0.9991	-0.9991	0.0000
2023-09-08T09:53:33	1	0	3	3	0	1.0093	1.0092	-0.0001	0.9898	0.9491	0.0407
2023-09-08T09:55:32	1	0	8	8	0	1.0831	1.0831	0.0000	0.9931	0.993	0.0001
2023-09-08T09:57:35	1	0	3	3	0	1.0441	1.0439	-0.0002	-0.9665	-0.9665	0.0000
2023-09-08T09:58:51	2	0	2	2	0	0.9978	0.9980	0.0002	-0.999	-0.9989	-0.0001
2023-09-08T09:59:47	1	0	1	1	0	0.9443	0.9443	0.0000	0.9802	0.9802	0.0000
2023-09-08T10:00:45	1	0	1	1	0	1.0249	1.0245	-0.0004	0.9995	0.9994	0.0001
2023-09-08T10:03:25	1	0	3	3	0	0.9932	0.9930	-0.0002	0.9531	0.9533	-0.0002
2023-09-08T10:03:34	1	0	1	2	-1	0.9227	0.9890	0.0663	0.9847	0.9849	-0.0002
2023-09-08T10:04:39	1	0	1	1	0	1.0408	1.0403	-0.0005	0.9982	0.9982	0.0000
2023-09-08T10:04:58	1	0	2	2	0	1.0473	1.0465	-0.0008	0.9666	0.9688	-0.0022
2023-09-08T10:05:11	1	0	47	47	0	0.9218	0.9218	0.0000	0.9247	0.9244	0.0003
2023-09-08T10:05:35	1	0	1	1	0	1.0366	1.0359	-0.0007	-0.9986	-0.9986	0.0000
2023-09-08T10:06:51	1	0	1	1	0	0.9418	0.9422	0.0004	-0.9967	-0.9966	-0.0001
2023-09-08T10:07:18	1	0	1	1	0	0.8206	0.8210	0.0004	0.9816	0.9813	0.0003
2023-09-08T10:07:40	2	0	1	1	0	1.0339	1.0333	-0.0006	-0.9979	-0.998	0.0001
2023-09-08T10:07:50	1	0	23	22	1	0.9483	0.9488	0.0005	0.9846	0.9847	-0.0001
2023-09-08T10:08:26	3	0	1	1	0	0.9443	0.9450	0.0007	0.9895	0.988	0.0015
2023-09-08T10:09:44	1	0	97	89	8	0.9382	0.9387	0.0005	0.9999	0.9999	0.0000
2023-09-08T10:09:58	1	0	8	8	0	1.0121	1.0121	0.0000	0.9991	0.9991	0.0000
2023-09-08T10:10:29	1	0	29	27	2	0.9401	0.9391	-0.0010	0.9777	0.9779	-0.0002
2023-09-08T10:10:40	1	0	1	1	0	0.9892	0.9895	0.0003	0.9861	0.9861	0.0000
2023-09-08T10:11:33	1	0	2	2	0	1.0272	1.0268	-0.0004	0.9982	0.9981	0.0001
2023-09-08T10:14:26	2	0	68	63	5	1.0556	1.0551	-0.0005	-0.9174	-0.9182	0.0008
2023-09-08T10:17:05	1	0	49	49	0	0.9472	0.9475	0.0003	0.9789	0.9788	0.0001
2023-09-08T10:18:35	1	0	54	44	10	0.9361	0.9371	0.0010	0.9714	0.971	0.0004
2023-09-08T10:18:43	1	0	206	205	1	0.9175	0.9179	0.0004	0.998	0.998	0.0000
2023-09-08T10:19:00	2	0	5	5	0	1.0420	1.0417	-0.0002	0.9977	0.9976	0.0001
2023-09-08T10:19:22	1	0	1	1	0	0.9849	0.9858	0.0009	0.9753	0.9441	0.0312
2023-09-08T10:20:15	2	0	129	127	2	0.9068	0.9071	0.0003	0.9057	0.9058	-0.0001
2023-09-08T10:20:42	1	0	2	2	0	1.0299	1.0294	-0.0004	0.9999	0.9999	0.0000
2023-09-08T10:20:46	2	0	1	1	0	1.0044	1.0034	-0.0010	0.9769	0.9756	0.0013
2023-09-08T10:23:20	1	0	94	91	3	1.0603	1.0600	-0.0003	-0.8892	-0.8911	0.0019
2023-09-08T10:26:41	1	0	6	6	0	1.0538	1.0533	-0.0005	0.9995	0.9994	0.0001
2023-09-08T10:28:03	1	0	7	7	0	1.0016	1.0017	0.0001	0.976	0.9761	-0.0001
2023-09-08T10:28:53	1	0	2	2	0	0.9953	0.9956	0.0003	-0.9996	-0.9996	0.0000
2023-09-08T10:29:06	1	0	6	6	0	1.0277	1.0276	-0.0001	0.9544	0.954	0.0004
2023-09-08T10:34:47	2	0	1	0	1	1.0453	null	null	1	0.9999	0.0001
2023-09-08T10:35:48	1	0	1	1	0	1.0027	1.0022	-0.0005	0.9795	0.9789	0.0006
2023-09-08T10:35:50	1	0	5	5	0	0.9984	0.9981	-0.0003	0.9751	0.975	0.0001
2023-09-08T10:36:53	1	0	2	2	0	0.9441	0.9444	0.0003	-0.9997	-0.9996	-0.0001
2023-09-08T10:40:34	1	0	1	0	1	1.0552	null	null	0.9991	0.9991	0.0000
2023-09-08T10:43:23	1	0	2	2	0	1.0167	1.0163	-0.0004	-0.9962	-0.9962	0.0000
2023-09-08T10:44:50	1	0	20	18	2	0.9430	0.9430	0.0000	0.9747	0.9748	-0.0001
2023-09-08T10:45:31	5	0	1	1	0	0.9442	0.9445	0.0003	0.9999	1	-0.0001
2023-09-08T10:47:30	1	0	1	0	1	1.0556	null	null	0.9696	0.9696	0.0000
2023-09-08T10:48:37	1	0	30	29	1	0.9454	0.9454	0.0001	0.9758	0.9758	0.0000
2023-09-08T10:49:04	1	0	2	2	0	1.0374	1.0371	-0.0004	0.9966	0.9965	0.0001
2023-09-08T10:50:24	3	0	16	15	1	1.0508	1.0500	-0.0008	0.9618	0.9612	0.0006
2023-09-08T10:51:42	2	0	1	1	0	0.9440	0.9447	0.0007	0.8304	0.832	-0.0016
2023-09-08T10:55:03	1	0	11	11	0	1.0226	1.0226	0.0000	0.9983	0.9982	0.0001
2023-09-08T10:55:35	1	0	1	0	1	1.0559	null	null	0.9991	0.9991	0.0000
2023-09-08T10:57:44	2	0	3	3	0	1.0529	1.0524	-0.0005	0.9802	0.9793	0.0009
2023-09-08T10:58:46	3	0	2	2	0	1.0341	1.0315	-0.0026	-0.9997	-0.9997	0.0000
2023-09-08T10:59:13	2	0	89	79	10	0.9512	0.9462	-0.0050	0.9584	0.9585	-0.0001
2023-09-08T11:03:46	2	0	40	42	-2	0.9629	0.9341	-0.0288	0.9999	0.9998	0.0001
2023-09-08T11:04:53	2	0	2	2	0	1.0466	1.0461	-0.0006	0.9995	0.9994	0.0001
2023-09-08T11:05:30	2	0	20	19	1	1.0535	1.0538	0.0003	0.9606	0.9601	0.0005
2023-09-08T11:07:57	1	0	4	4	0	0.9884	0.9886	0.0002	0.9628	0.9624	0.0004
2023-09-08T11:08:23	1	0	2	2	0	0.9942	0.9944	0.0003	0.9969	0.9969	0.0000
2023-09-08T11:12:13	1	0	4	4	0	1.0216	1.0215	-0.0001	0.9843	0.9843	0.0000
2023-09-08T11:15:41	7	0	5	5	0	0.9409	0.9420	0.0011	0.9977	0.998	-0.0003
2023-09-08T11:16:24	1	0	4	4	0	0.9699	0.9704	0.0005	0.999	0.999	0.0000
2023-09-08T11:16:43	3	0	3	3	0	1.0502	1.0499	-0.0003	-0.9859	-0.9951	0.0092
2023-09-08T11:18:55	1	0	46	44	2	0.9321	0.9326	0.0004	0.9979	0.9979	0.0000
2023-09-08T11:21:50	1	0	2	2	0	1.0336	1.0331	-0.0005	-0.9987	-0.9987	0.0000

2023-09-08T11:27:00	1	0	140	141	-1	0.8631	0.8635	0.0003	-1	-1	0.0000
2023-09-08T11:28:47	1	0	7	7	0	1.0293	1.0292	-0.0001	0.9589	0.959	-0.0001
2023-09-08T11:29:44	1	0	63	60	3	1.0537	1.0533	-0.0005	-0.947	-0.947	0.0000
2023-09-08T11:29:53	1	0	1	1	0	0.9431	0.9431	0.0000	0.9899	0.9899	0.0000
2023-09-08T11:30:50	8	0	32	27	5	0.9425	0.9428	0.0004	0.9953	0.9954	-0.0001
2023-09-08T11:31:25	1	0	5	5	0	0.9646	0.9650	0.0004	0.9991	0.9991	0.0000
2023-09-08T11:33:39	1	0	2	2	0	0.9970	0.9970	0.0000	0.9544	0.9545	-0.0001
2023-09-08T11:34:32	1	0	1	1	0	0.9858	0.9863	0.0005	0.973	0.9725	0.0005
2023-09-08T11:34:57	1	0	2	2	0	1.0461	1.0457	-0.0003	0.9986	0.9985	0.0001
2023-09-08T11:35:54	1	0	6	6	0	0.9755	0.9755	0.0000	0.9724	0.9726	-0.0002
2023-09-08T11:35:58	1	0	4	4	0	1.0041	1.0038	-0.0003	0.9623	0.957	0.0053
2023-09-08T11:36:36	1	0	2	2	0	1.0329	1.0327	-0.0002	-0.9993	-0.9997	0.0004
2023-09-08T11:38:49	1	0	16	10	6	0.9489	0.9505	0.0016	-0.9999	-0.9999	0.0000
2023-09-08T11:40:46	1	0	2	2	0	0.9936	0.9936	0.0000	0.9925	0.9925	0.0000
2023-09-08T11:41:24	1	0	1	1	0	1.0659	1.0646	-0.0013	0.9972	0.9984	-0.0012
2023-09-08T11:42:53	2	0	2	2	0	1.0537	1.0535	-0.0002	0.9771	0.9769	0.0002
2023-09-08T11:44:12	1	0	1	1	0	0.9981	0.9981	0.0000	-0.9946	-0.9945	-0.0001
2023-09-08T11:44:47	1	0	53	51	2	1.0529	1.0526	-0.0003	-0.9471	-0.9469	-0.0002
2023-09-08T11:44:54	1	0	1	1	0	0.9409	0.9409	0.0000	0.9881	0.9881	0.0000
2023-09-08T11:46:45	3	0	1	1	0	1.0670	1.0670	0.0000	-0.988	-0.9874	-0.0006
2023-09-08T11:48:40	1	0	3	3	0	1.0040	1.0040	0.0000	0.9537	0.9537	0.0000
2023-09-08T11:50:53	1	0	1	1	0	0.9975	0.9982	0.0007	0.9816	0.982	-0.0004
2023-09-08T11:51:46	1	0	1	1	0	1.0343	1.0342	-0.0001	-0.9995	-0.9997	0.0002
2023-09-08T11:51:58	1	0	2	2	0	1.0471	1.0470	-0.0001	-0.997	-0.997	0.0000
2023-09-08T11:53:56	1	0	10	10	0	0.9593	0.9592	-0.0001	-0.9999	-0.9999	0.0000
2023-09-08T11:56:36	1	0	2	2	0	1.0036	1.0032	-0.0004	0.9972	0.9982	-0.0010
2023-09-08T11:59:51	1	0	40	40	0	1.0525	1.0524	-0.0001	-0.9552	-0.9548	-0.0004
2023-09-08T11:59:55	1	0	1	1	0	0.9425	0.9425	0.0000	0.9856	0.9855	0.0001
2023-09-08T12:01:42	1	0	8	7	1	1.0577	1.0570	-0.0008	0.9903	0.9903	0.0000
2023-09-08T12:01:46	3	0	1	1	0	1.0689	1.0689	0.0000	-0.9842	-0.9835	-0.0007
2023-09-08T12:03:41	1	0	4	4	0	0.9874	0.9875	0.0001	0.9528	0.9528	0.0000
2023-09-08T12:04:41	1	0	1	1	0	0.9880	0.9880	0.0000	0.9729	0.9722	0.0007
2023-09-08T12:05:56	1	0	9	9	0	0.9731	0.9731	0.0000	0.9716	0.9718	-0.0002
2023-09-08T12:07:00	1	0	1	1	0	1.0342	1.0341	-0.0001	-0.9999	-0.9999	0.0000
2023-09-08T12:11:48	1	0	4	4	0	1.0599	1.0596	-0.0002	0.9979	0.9984	-0.0005
2023-09-08T12:21:09	1	0	3	3	0	1.0343	1.0338	-0.0004	0.9828	0.9826	0.0002
2023-09-08T12:33:48	1	0	3	12	-9	0.9943	0.9727	-0.0216	0.9471	0.9666	-0.0195
2023-09-08T12:43:04	2	0	4	3	1	1.0560	1.0535	-0.0025	0.9699	0.9701	-0.0002
2023-09-08T12:44:58	1	0	7	8	-1	0.9406	0.9411	0.0005	0.9842	0.9842	0.0000
2023-09-08T12:49:49	1	0	1	1	0	0.9867	0.9867	0.0000	0.9698	0.9691	0.0007
2023-09-08T12:51:19	1	0	4	4	0	1.0189	1.0188	-0.0002	0.9794	0.9794	0.0000
2023-09-08T12:55:51	1	0	10	10	0	0.9411	0.9413	0.0002	0.996	0.9954	0.0006
2023-09-08T13:00:01	1	0	76	74	2	1.0566	1.0562	-0.0004	-0.9623	-0.9626	0.0003
2023-09-08T13:00:11	1	0	62	61	1	0.9478	0.9478	0.0000	0.9956	0.9959	-0.0003
2023-09-08T13:06:50	1	0	1	1	0	1.0256	1.0255	-0.0001	-1	-1	0.0000
2023-09-08T13:15:04	1	0	73	74	-1	1.0560	1.0559	-0.0001	-0.9643	-0.9639	-0.0004
2023-09-08T13:15:16	1	0	189	190	-1	0.9392	0.9392	0.0000	0.9914	0.9914	0.0000
2023-09-08T13:26:22	1	0	1	1	0	0.9426	0.9429	0.0003	0.9529	0.952	0.0009
2023-09-08T13:41:10	1	0	8	7	1	0.9530	0.9552	0.0021	0.9473	0.9472	0.0001
2023-09-08T13:42:09	1	0	3	3	0	1.0461	1.0461	0.0000	-0.9979	-0.9979	0.0000
2023-09-08T13:45:08	2	0	138	138	0	1.0611	1.0608	-0.0003	-0.9641	-0.9643	0.0002
2023-09-08T13:45:22	1	0	112	108	4	0.9456	0.9458	0.0002	0.9955	0.9956	-0.0001
2023-09-08T13:47:16	1	0	27	26	1	1.0501	1.0498	-0.0002	-0.9944	-0.9944	0.0000
2023-09-08T13:58:19	2	0	39	38	1	1.0516	1.0515	-0.0001	0.9999	0.9999	0.0000
2023-09-08T14:05:28	2	0	3	0	3	1.0487	null	null	-0.9011	-0.9016	0.0005
2023-09-08T14:06:04	1	0	11	10	1	0.9956	0.9992	0.0035	0.9849	0.985	-0.0001
2023-09-08T14:06:08	1	0	2	2	0	1.0400	1.0396	-0.0004	-0.9953	-0.9954	0.0001
2023-09-08T14:06:33	1	0	2	2	0	1.0249	1.0247	-0.0003	0.967	0.9668	0.0002
2023-09-08T14:08:12	1	0	2	2	0	1.0171	1.0171	0.0000	0.9628	0.9623	0.0005
2023-09-08T14:08:35	2	0	9	9	0	1.0385	1.0381	-0.0003	0.9949	0.9947	0.0002
2023-09-08T14:10:02	1	0	2	1	1	1.0580	1.0574	-0.0007	0.9999	-1	-0.0001
2023-09-08T14:10:51	1	0	3	3	0	1.0397	1.0397	0.0000	0.9868	0.9868	0.0000
2023-09-08T14:13:34	2	0	2	3	-1	1.0458	1.0512	0.0054	0.9944	0.9952	-0.0008
2023-09-08T14:15:15	2	0	180	174	6	1.0647	1.0642	-0.0004	-0.975	-0.9837	0.0087
2023-09-08T14:15:34	1	0	196	194	2	0.9402	0.9409	0.0007	0.9924	0.9926	-0.0002
2023-09-08T14:16:23	1	0	5	5	0	1.0438	1.0433	-0.0005	0.9686	0.9679	0.0007
2023-09-08T14:19:15	5	0	345	345	0	0.8954	0.8956	0.0001	0.9975	0.9975	0.0000
2023-09-08T14:19:55	1	0	1	1	0	0.9817	0.9825	0.0008	0.9667	0.9662	0.0005
2023-09-08T14:21:05	1	0	13	12	1	1.0033	1.0026	-0.0008	0.9855	0.9855	0.0000
2023-09-08T14:21:06	1	0	1	1	0	0.9953	0.9962	0.0009	0.9729	0.9734	-0.0005
2023-09-08T14:21:13	1	0	3	3	0	1.0028	1.0024	-0.0004	-0.999	-0.999	0.0000
2023-09-08T14:21:58	2	0	11	11	0	0.9442	0.9442	0.0000	0.8208	0.8205	0.0003
2023-09-08T14:23:44	5	0	16	16	0	1.0429	1.0423	-0.0005	0.9932	0.9929	0.0003
2023-09-08T14:25:03	1	0	6	6	0	1.0366	1.0366	0.0000	-0.9927	-0.9927	0.0000
2023-09-08T14:25:12	1	0	2	1	1	1.0567	1.0563	-0.0004	0.9993	0.9997	-0.0004
2023-09-08T14:25:53	2	0	1	0	1	1.0110	null	null	0.9706	0.9705	0.0001
2023-09-08T14:26:22	1	0	5	5	0	0.9890	0.9893	0.0002	0.9516	0.9516	0.0000
2023-09-08T14:26:26	1	0	1	1	0	0.9436	0.9439	0.0003	0.9488	0.9488	0.0000
2023-09-08T14:28:15	2	0	2	2	0	1.0609	1.0605	-0.0004	0.9412	0.9408	0.0004
2023-09-08T14:30:18	2	0	243	238	5	1.0640	1.0636	-0.0004	-0.9703	-0.9707	0.0004
2023-09-08T14:31:15	3	0	7	9	-2	1.0218	1.0513	0.0294	-0.9765	-0.9741	-0.0024
2023-09-08T14:31:29	1	0	6	6	0	1.0478	1.0474	-0.0004	0.973	0.9725	0.0005
2023-09-08T14:31:39	1	0	222	213	9	0.9287	0.9287	0.0001	0.9922	0.9923	-0.0001
2023-09-08T14:34:26	4	0	292	285	7	0.9044	0.9046	0.0003	0.9978	0.9977	0.0001
2023-09-08T14:34:49	1	0	9	9	0	0.9943	0.9942	-0.0001	-0.9991	-0.9991	0.0000

2023-09-08T14:35:06	1	0	1	1	0	0.9848	0.9856	0.0008	0.9671	0.9666	0.0005
2023-09-08T14:35:43	1	0	13	13	0	1.0506	1.0504	-0.0002	0.9741	0.9739	0.0002
2023-09-08T14:36:09	1	0	1	1	0	0.9956	0.9967	0.0011	0.9789	0.9794	-0.0005
2023-09-08T14:36:18	1	0	2	2	0	1.0331	1.0321	-0.0010	-0.9986	-0.9986	0.0000
2023-09-08T14:36:44	1	0	3	3	0	1.0275	1.0271	-0.0004	0.9634	0.9632	0.0002
2023-09-08T14:38:17	1	0	15	14	1	1.0423	1.0414	-0.0009	0.9691	0.9693	-0.0002
2023-09-08T14:38:53	2	0	11	10	1	1.0205	1.0280	0.0075	0.9932	0.9932	0.0000
2023-09-08T14:40:04	1	0	19	19	0	0.9986	0.9987	0.0000	-0.9931	-0.9931	0.0000
2023-09-08T14:41:05	1	0	1	1	0	0.9402	0.9408	0.0006	-0.9923	-0.9924	0.0001
2023-09-08T14:41:14	2	0	12	8	4	0.9546	0.9606	0.0060	0.9968	0.9969	-0.0001
2023-09-08T14:41:27	1	0	6	6	0	0.9428	0.9430	0.0002	0.9528	0.9519	0.0009
2023-09-08T14:41:28	1	0	10	10	0	0.9655	0.9655	0.0001	0.9511	0.9519	-0.0008
2023-09-08T14:43:16	2	0	3	3	0	1.0183	1.0183	0.0000	0.9092	0.9093	-0.0001
2023-09-08T14:43:20	1	0	7	7	0	1.0433	1.0432	-0.0001	0.9706	0.9703	0.0003
2023-09-08T14:43:49	2	0	2	2	0	1.0428	1.0417	-0.0010	0.9951	0.995	0.0001
2023-09-08T14:44:06	2	0	13	13	0	0.9890	0.9890	-0.0001	0.9672	0.967	0.0002
2023-09-08T14:45:22	2	0	188	184	4	1.0613	1.0610	-0.0004	-0.9686	-0.9689	0.0003
2023-09-08T14:51:07	1	0	10	10	0	1.0148	1.0148	-0.0001	0.9836	0.9836	0.0000
2023-09-08T14:53:54	1	0	5	5	0	0.9638	0.9640	0.0002	0.9654	0.9648	0.0006
2023-09-08T14:54:01	3	0	16	15	1	1.0341	1.0340	-0.0001	0.9927	0.9925	0.0002
2023-09-08T14:54:55	1	0	8	7	1	1.0509	1.0508	-0.0001	0.9771	0.9752	0.0019
2023-09-08T14:55:55	2	0	1	1	0	1.0195	1.0190	-0.0005	0.9828	0.9824	0.0004
2023-09-08T14:59:02	1	0	1	2	-1	1.0332	1.0330	-0.0003	-0.9997	-0.9996	-0.0001
2023-09-08T15:01:11	1	0	1	1	0	1.0208	1.0198	-0.0010	-0.9971	-0.9972	0.0001
2023-09-08T15:01:16	1	0	1	0	1	1.0453	null	null	0.9937	0.9934	0.0003
2023-09-08T15:04:47	1	0	230	231	-1	0.9038	0.9042	0.0004	0.9976	0.9971	0.0005
2023-09-08T15:05:32	2	0	2	2	0	1.0457	1.0454	-0.0003	-0.9142	-0.9144	0.0002
2023-09-08T15:06:58	1	0	1	1	0	1.0367	1.0364	-0.0003	0.9999	-1	-0.0001
2023-09-08T15:08:45	5	0	1	1	0	0.9433	0.9447	0.0014	1	0.9999	0.0001
2023-09-08T15:11:14	1	0	6	6	0	1.0172	1.0172	0.0000	0.9952	0.9951	0.0001
2023-09-08T15:14:03	1	0	1	1	0	1.0333	1.0312	-0.0021	-0.9996	-0.9996	0.0000
2023-09-08T15:14:26	1	0	1	1	0	0.9721	0.9748	0.0027	0.9928	0.9937	-0.0009
2023-09-08T15:22:44	1	0	17	17	0	1.0365	1.0365	0.0000	-0.9995	-0.9995	0.0000
2023-09-08T15:23:46	2	0	5	5	0	0.9553	0.9558	0.0004	0.9991	0.9991	0.0000
2023-09-08T15:30:10	1	0	40	40	0	0.9414	0.9415	0.0002	0.9794	0.9794	0.0000
2023-09-08T15:32:52	1	0	8	7	1	0.9402	0.9403	0.0000	0.9686	0.9684	0.0002
2023-09-08T15:34:24	4	0	26	20	6	0.9536	0.9564	0.0028	0.9995	0.9995	0.0000
2023-09-08T15:35:08	1	0	25	25	0	0.9705	0.9706	0.0000	0.9903	0.9903	0.0000
2023-09-08T15:41:04	1	0	2	2	0	0.9380	0.9385	0.0005	0.973	0.9727	0.0003
2023-09-08T15:44:39	4	0	8	7	1	0.9471	0.9632	0.0160	0.9909	0.9911	-0.0002
2023-09-08T15:46:41	2	0	57	55	2	0.9541	0.9541	0.0001	0.9889	0.9889	0.0000
2023-09-08T15:49:17	1	0	2	2	0	0.9421	0.9423	0.0002	0.9824	0.9824	0.0000
2023-09-08T15:49:37	4	0	51	50	1	0.9433	0.9433	0.0000	0.9989	0.9989	0.0000
2023-09-08T15:50:09	1	0	25	25	0	0.9707	0.9708	0.0001	0.989	0.9906	-0.0016
2023-09-08T15:50:46	1	0	41	25	16	0.9404	0.9417	0.0013	0.9481	0.9385	0.0096
2023-09-08T15:52:03	1	0	5	5	0	0.9633	0.9634	0.0001	0.9959	0.9959	0.0000
2023-09-08T16:04:52	4	0	68	66	2	0.9425	0.9428	0.0003	0.9984	0.9984	0.0000
2023-09-08T16:08:20	1	0	7	7	0	1.0009	1.0009	0.0000	0.9715	0.9712	0.0003
2023-09-08T16:11:57	1	0	70	18	52	0.9583	0.9604	0.0022	0.9497	0.9504	-0.0007
2023-09-08T16:14:46	1	0	8	8	0	0.9495	0.9495	0.0000	-1	-1	0.0000
2023-09-08T16:14:56	1	0	59	58	1	0.9383	0.9386	0.0003	0.9964	0.9914	0.0050
2023-09-08T16:19:31	1	0	10	7	3	0.9430	0.9430	0.0000	0.9937	0.9938	-0.0001
2023-09-08T16:31:25	1	0	278	276	2	0.9360	0.9360	0.0001	0.9869	0.9869	0.0000
2023-09-08T16:37:04	1	0	69	68	1	0.9448	0.9450	0.0002	-0.9995	-0.9995	0.0000
2023-09-08T16:39:04	1	0	23	17	6	0.9427	0.9449	0.0022	0.973	0.973	0.0000
2023-09-08T17:53:30	4	0	65	65	0	0.9259	0.9260	0.0001	0.9949	0.9949	0.0000
2023-09-08T18:13:33	4	0	201	201	0	0.8811	0.8812	0.0000	0.9941	0.9941	0.0000
2023-09-08T18:26:19	1	0	29	27	2	0.9414	0.9413	0.0000	0.9929	0.993	-0.0001
2023-09-09T08:05:15	1	0	45	44	1	1.0537	1.0537	0.0000	-0.9999	-0.9999	0.0000
2023-09-09T08:18:31	1	0	13	13	0	0.9644	0.9645	0.0002	0.9939	0.994	-0.0001
2023-09-09T08:20:16	1	0	57	55	2	1.0533	1.0533	0.0000	1	1	0.0000
2023-09-09T08:24:35	2	0	2	2	0	1.0350	1.0350	0.0000	-0.9806	-0.9806	0.0000
2023-09-09T08:29:10	1	0	25	24	1	1.0508	1.0505	-0.0002	-0.9152	-0.9145	-0.0007
2023-09-09T08:33:46	2	0	225	222	3	0.9247	0.9247	0.0000	0.9973	0.9972	0.0001
2023-09-09T08:44:12	1	0	28	27	1	1.0518	1.0515	-0.0003	-0.9297	-0.9292	-0.0005
2023-09-09T08:50:00	1	0	255	255	0	0.8857	0.8857	0.0001	0.9183	0.9182	0.0001
2023-09-09T09:05:47	2	0	5	5	0	1.0081	1.0080	-0.0001	0.9799	0.9799	0.0000
2023-09-09T09:13:45	3	0	3	3	0	1.0340	1.0333	-0.0008	-0.9828	-0.983	0.0002
2023-09-09T09:14:15	1	0	17	17	0	1.0529	1.0528	-0.0001	-0.9385	-0.9378	-0.0007
2023-09-09T09:14:46	1	0	19	19	0	0.9412	0.9413	0.0000	0.9843	0.9844	-0.0001
2023-09-09T09:24:44	1	0	67	63	4	0.9448	0.9451	0.0003	-0.9897	-0.9895	-0.0002
2023-09-09T09:27:54	1	0	1	1	0	1.0218	1.0215	-0.0003	0.9985	0.9984	0.0001
2023-09-09T09:29:17	1	0	13	13	0	1.0533	1.0529	-0.0004	-0.9301	-0.9295	-0.0006
2023-09-09T09:29:47	1	0	68	68	0	0.9393	0.9393	0.0000	0.9838	0.9847	-0.0009
2023-09-09T09:31:49	1	0	1	1	0	1.0364	1.0361	-0.0003	-0.9924	-0.9925	0.0001
2023-09-09T09:33:50	1	0	7	7	0	0.9844	0.9845	0.0001	0.9897	0.9898	-0.0001
2023-09-09T09:35:04	2	0	222	222	0	0.9016	0.9017	0.0001	0.9313	0.931	0.0003
2023-09-09T09:42:31	1	0	1	1	0	1.0278	1.0269	-0.0009	-0.9924	-0.9925	0.0001
2023-09-09T09:42:33	1	0	2	2	0	1.0258	1.0256	-0.0003	0.9994	0.9994	0.0000
2023-09-09T09:45:44	1	0	1	1	0	0.7926	0.7929	0.0003	-1	-1	0.0000
2023-09-09T09:45:46	1	0	1	2	-1	1.0409	1.0287	-0.0122	0.9932	0.9931	0.0001
2023-09-09T09:46:24	1	0	2	2	0	0.9417	0.9419	0.0002	-0.9971	-0.9971	0.0000
2023-09-09T09:48:51	1	0	138	138	0	0.9331	0.9331	0.0000	1	1	0.0000
2023-09-09T09:50:03	1	0	2	2	0	1.0408	1.0404	-0.0004	0.9797	0.9796	0.0001
2023-09-09T09:50:22	1	0	19	19	0	1.0455	1.0453	-0.0002	0.9947	0.9946	0.0001

2023-09-09T09:55:34	1	0	3	3	0	1.1461	1.1460	-0.0001	0.9825	0.9825	0.0000
2023-09-09T10:00:45	1	0	1	1	0	0.7925	0.7925	0.0000	-1	-1	0.0000
2023-09-09T10:00:47	1	0	1	1	0	1.0390	1.0390	0.0000	0.9925	0.9925	0.0000
2023-09-09T10:01:42	2	0	1	1	0	1.0343	1.0335	-0.0008	-0.9887	-0.9896	0.0009
2023-09-09T10:01:51	1	0	1	1	0	1.0400	1.0400	0.0000	-0.9936	-0.9936	0.0000
2023-09-09T10:02:09	1	0	35	33	2	0.9497	0.9501	0.0004	0.9988	0.9988	0.0000
2023-09-09T10:03:38	1	0	5	7	-2	0.9403	0.9415	0.0012	0.9915	0.9916	-0.0001
2023-09-09T10:03:52	1	0	4	4	0	0.9910	0.9910	0.0000	0.9941	0.9941	0.0000
2023-09-09T10:04:24	1	0	3	3	0	1.0156	1.0158	0.0002	0.9816	0.9815	0.0001
2023-09-09T10:05:10	3	0	300	299	1	0.8676	0.8679	0.0003	0.9127	0.9125	0.0002
2023-09-09T10:05:13	1	0	1	1	0	1.0385	1.0378	-0.0007	0.9815	0.9814	0.0001
2023-09-09T10:05:34	2	0	12	12	0	0.9404	0.9408	0.0004	0.9999	0.9999	0.0000
2023-09-09T10:09:47	1	0	22	19	3	0.9499	0.9512	0.0013	-0.9913	-0.9913	0.0000
2023-09-09T10:09:58	1	0	21	21	0	0.9770	0.9769	0.0000	-0.9993	-0.9994	0.0001
2023-09-09T10:10:16	1	0	15	16	-1	0.9381	0.9549	0.0168	0.9995	0.9995	0.0000
2023-09-09T10:10:35	1	0	3	3	0	1.1552	1.1551	-0.0001	0.9817	0.9817	0.0000
2023-09-09T10:10:37	1	0	2	2	0	1.0105	1.0107	0.0002	0.9928	0.9928	0.0000
2023-09-09T10:10:48	1	0	1	1	0	0.9440	0.9444	0.0004	-0.9849	-0.9848	-0.0001
2023-09-09T10:12:43	1	0	3	3	0	1.0396	1.0393	-0.0003	0.999	0.9989	0.0001
2023-09-09T10:12:57	1	0	1	1	0	1.0175	1.0170	-0.0005	0.9978	0.9977	0.0001
2023-09-09T10:14:50	1	0	1	1	0	0.9410	0.9419	0.0009	0.991	0.9911	-0.0001
2023-09-09T10:16:38	2	0	44	40	4	1.0553	1.0551	-0.0001	0.9991	0.9991	0.0000
2023-09-09T10:18:53	1	0	216	212	4	0.9251	0.9251	0.0000	0.9992	0.9992	0.0000
2023-09-09T10:20:15	1	0	302	302	0	0.8178	0.8178	0.0000	0.9067	0.9066	0.0001
2023-09-09T10:20:20	1	0	14	13	1	1.0487	1.0481	-0.0006	0.9994	0.9994	0.0000
2023-09-09T10:20:24	3	0	22	21	1	1.0504	1.0500	-0.0005	0.9923	0.9921	0.0002
2023-09-09T10:20:49	1	0	1	1	0	1.0260	1.0257	-0.0003	0.9997	0.9997	0.0000
2023-09-09T10:21:31	2	0	1	0	1	1.0319	null	null	0.9924	0.9923	0.0001
2023-09-09T10:24:26	2	0	16	16	0	1.0081	1.0080	-0.0001	0.9649	0.9646	0.0003
2023-09-09T10:25:14	1	0	8	8	0	0.8427	0.8429	0.0001	0.9884	0.9887	-0.0003
2023-09-09T10:25:30	1	0	16	15	1	0.9628	0.9626	-0.0003	0.9986	0.9991	-0.0005
2023-09-09T10:27:37	1	0	1	0	1	1.0255	null	null	-0.9945	-0.9946	0.0001
2023-09-09T10:30:55	2	0	8	8	0	0.9691	0.9690	-0.0001	0.9609	0.9607	0.0002
2023-09-09T10:31:27	1	0	2	2	0	0.9402	0.9406	0.0004	-0.9988	-0.9987	-0.0001
2023-09-09T10:33:30	1	0	7	7	0	0.9718	0.9719	0.0001	0.9677	0.968	-0.0003
2023-09-09T10:36:02	2	0	2	2	0	1.0468	1.0460	-0.0008	0.9964	0.9961	0.0003
2023-09-09T10:49:08	3	0	1	0	1	1.0325	null	null	1	1	0.0000
2023-09-09T10:50:26	2	0	18	18	0	1.0483	1.0481	-0.0001	0.9905	0.9903	0.0002
2023-09-09T10:50:54	2	0	6	6	0	0.9632	0.9633	0.0001	0.9788	0.9792	-0.0004
2023-09-09T10:55:01	1	0	8	8	0	1.0112	1.0111	0.0000	-0.9996	-0.9996	0.0000
2023-09-09T10:57:50	1	0	2	2	0	1.0310	1.0299	-0.0011	-0.9912	-0.9913	0.0001
2023-09-09T11:01:10	5	0	1	1	0	0.9389	0.9403	0.0014	-0.9995	-0.9994	-0.0001
2023-09-09T11:01:31	1	0	3	3	0	1.0403	1.0398	-0.0006	0.9869	0.9866	0.0003
2023-09-09T11:03:42	1	0	63	63	0	0.9416	0.9417	0.0001	0.9917	0.9916	0.0001
2023-09-09T11:04:09	3	0	1	1	0	1.0346	1.0340	-0.0006	1	1	0.0000
2023-09-09T11:05:23	1	0	15	14	1	1.0511	1.0506	-0.0005	-0.9991	-0.9991	0.0000
2023-09-09T11:06:23	1	0	6	6	0	1.0432	1.0428	-0.0004	0.9958	0.9953	0.0005
2023-09-09T11:07:01	1	0	4	4	0	0.9993	0.9993	-0.0001	0.9763	0.9761	0.0002
2023-09-09T11:07:22	1	0	1	1	0	0.9427	0.9436	0.0009	-0.9997	-0.9995	-0.0002
2023-09-09T11:13:11	1	0	7	7	0	1.0447	1.0446	-0.0001	0.9796	0.9795	0.0001
2023-09-09T11:14:25	1	0	4	2	2	1.0546	1.0485	-0.0061	-0.9514	-0.951	-0.0004
2023-09-09T11:14:54	1	0	1	0	1	1.0551	null	null	0.9995	0.9995	0.0000
2023-09-09T11:15:33	2	0	1	1	0	0.9442	0.9448	0.0006	-0.997	-0.997	0.0000
2023-09-09T11:16:30	1	0	6	5	1	0.9588	0.9591	0.0003	-0.9991	-0.999	-0.0001
2023-09-09T11:18:57	1	0	247	246	1	0.9207	0.9226	0.0018	0.9993	0.9992	0.0001
2023-09-09T11:20:37	1	0	30	25	5	0.9418	0.9419	0.0001	0.9937	0.9498	0.0439
2023-09-09T11:21:38	2	0	1	1	0	1.0316	1.0315	-0.0001	0.9928	0.9928	0.0000
2023-09-09T11:21:58	1	0	9	9	0	0.9692	0.9691	-0.0001	-0.9993	-0.9988	-0.0005
2023-09-09T11:26:58	2	0	7	5	2	1.0551	1.0531	-0.0020	0.9999	0.9997	0.0002
2023-09-09T11:28:29	1	0	3	3	0	0.9368	0.9374	0.0006	-0.9973	-0.997	-0.0003
2023-09-09T11:29:30	1	0	2	2	0	1.0534	1.0520	-0.0014	-0.9518	-0.9509	-0.0009
2023-09-09T11:30:34	3	0	2	2	0	1.0389	1.0384	-0.0005	-0.9969	-0.997	0.0001
2023-09-09T11:30:59	2	0	58	58	0	0.9389	0.9390	0.0001	0.9753	0.9553	0.0200
2023-09-09T11:32:05	2	0	10	10	0	0.9979	0.9978	-0.0002	0.994	0.994	0.0000
2023-09-09T11:33:44	5	0	20	24	-4	0.9480	0.9481	0.0001	0.9899	0.9903	-0.0004
2023-09-09T11:33:57	1	0	11	11	0	0.9554	0.9558	0.0004	0.9646	0.9653	-0.0007
2023-09-09T11:35:17	2	0	5	4	1	1.0518	1.0503	-0.0015	-0.9175	-0.9182	0.0007
2023-09-09T11:35:23	1	0	1	1	0	0.9893	0.9898	0.0005	0.981	0.9805	0.0005
2023-09-09T11:35:25	3	0	50	49	1	1.0545	1.0543	-0.0003	-0.9992	-0.9992	0.0000
2023-09-09T11:35:54	1	0	1	1	0	1.0370	1.0368	-0.0002	0.9975	0.9983	-0.0008
2023-09-09T11:35:57	2	0	13	12	1	0.9608	0.9568	-0.0039	0.9787	0.9787	0.0000
2023-09-09T11:36:15	2	0	1	1	0	1.0459	1.0456	-0.0003	0.992	0.9919	0.0001
2023-09-09T11:36:17	1	0	1	1	0	1.0379	1.0376	-0.0003	0.9716	0.9718	-0.0002
2023-09-09T11:36:38	1	0	5	5	0	1.0471	1.0469	-0.0003	0.9774	0.9765	0.0009
2023-09-09T11:37:03	2	0	72	72	0	0.9643	0.9646	0.0002	0.9817	0.9816	0.0001
2023-09-09T11:37:04	1	0	8	8	0	0.9578	0.9575	-0.0003	-0.9998	-0.9998	0.0000
2023-09-09T11:40:06	2	0	72	72	0	0.9472	0.9472	0.0000	-1	-1	0.0000
2023-09-09T11:40:24	1	0	66	65	1	0.8612	0.8612	0.0000	0.9845	0.9847	-0.0002
2023-09-09T11:40:43	1	0	1	1	0	1.0361	1.0361	0.0000	0.9926	0.9925	0.0001
2023-09-09T11:40:46	2	0	50	50	0	0.9382	0.9380	-0.0002	0.9976	0.9975	0.0001
2023-09-09T11:42:59	1	0	1	1	0	1.0285	1.0279	-0.0006	-0.9947	-0.9947	0.0000
2023-09-09T11:43:13	1	0	9	10	-1	1.0472	1.0454	-0.0018	0.9772	0.9772	0.0000
2023-09-09T11:44:33	1	0	18	14	4	1.0542	1.0528	-0.0015	-0.9648	-0.9648	0.0000
2023-09-09T11:45:42	3	0	1	1	0	1.0182	1.0182	0.0000	-0.9985	-0.9985	0.0000
2023-09-09T11:45:54	1	0	1	0	1	1.0098	null	null	0.9596	0.8994	0.0602

2023-09-09T11:46:13	2	0	13	13	0	0.9532	0.9532	0.0000	0.9749	0.9729	0.0020
2023-09-09T11:46:51	3	0	1	1	0	1.0570	1.0570	0.0000	-0.9919	-0.9914	-0.0005
2023-09-09T11:48:59	1	0	4	5	-1	0.9366	0.9381	0.0015	0.9889	0.9889	0.0000
2023-09-09T11:49:04	1	0	10	10	0	0.9491	0.9494	0.0003	0.9623	0.963	-0.0007
2023-09-09T11:49:07	2	0	153	144	9	0.9329	0.9333	0.0003	0.9994	0.9994	0.0000
2023-09-09T11:50:24	4	0	1	1	0	1.0227	1.0226	-0.0001	0.9714	0.971	0.0004
2023-09-09T11:50:30	5	0	6	8	-2	1.0282	1.0325	0.0044	0.9839	0.9841	-0.0002
2023-09-09T11:50:55	1	0	1	1	0	1.0374	1.0373	-0.0001	0.998	0.998	0.0000
2023-09-09T11:50:58	2	0	7	7	0	0.9793	0.9791	-0.0002	0.9775	0.9774	0.0001
2023-09-09T11:51:28	1	0	1	1	0	1.0278	1.0273	-0.0005	0.9747	0.9771	-0.0024
2023-09-09T11:52:10	1	0	9	9	0	0.9593	0.9591	-0.0002	-1	-1	0.0000
2023-09-09T11:54:54	1	0	1	0	1	1.0558	null	null	-0.9993	-0.9993	0.0000
2023-09-09T11:54:54	1	0	4	4	0	1.0398	1.0398	0.0000	-0.9899	-0.9899	0.0000
2023-09-09T11:55:07	2	0	112	112	0	0.9398	0.9398	0.0000	-1	-1	0.0000
2023-09-09T11:55:44	1	0	3	3	0	0.9878	0.9880	0.0002	0.9916	0.9907	0.0009
2023-09-09T11:55:58	2	0	27	26	1	0.9620	0.9485	-0.0135	0.9966	0.9973	-0.0007
2023-09-09T11:57:00	2	0	5	6	-1	1.0536	1.0543	0.0006	0.9999	0.9999	0.0000
2023-09-09T11:58:43	1	0	2	2	0	0.9951	0.9951	-0.0001	-0.9987	-0.9986	-0.0001
2023-09-09T11:59:36	1	0	26	26	0	1.0547	1.0546	-0.0001	-0.975	-0.9746	-0.0004
2023-09-09T12:00:47	2	0	2	2	0	1.0402	1.0402	0.0000	-0.9974	-0.9974	0.0000
2023-09-09T12:01:14	2	0	35	35	0	0.9458	0.9459	0.0001	0.9732	0.9732	0.0000
2023-09-09T12:01:52	3	0	1	1	0	1.0563	1.0563	0.0000	-0.9941	-0.9939	-0.0002
2023-09-09T12:02:37	1	0	1	0	1	1.0554	null	null	0.9917	0.9867	0.0050
2023-09-09T12:04:13	1	0	10	10	0	0.9511	0.9513	0.0002	0.9655	0.9656	-0.0001
2023-09-09T12:05:31	5	0	7	7	0	0.9949	0.9951	0.0002	0.9814	0.9817	-0.0003
2023-09-09T12:05:32	1	0	1	1	0	0.9846	0.9846	0.0000	0.98	0.9767	0.0033
2023-09-09T12:09:55	1	0	4	4	0	1.0139	1.0139	0.0000	-0.9917	-0.9917	0.0000
2023-09-09T12:10:08	2	0	70	70	0	0.9428	0.9428	0.0000	-1	-1	0.0000
2023-09-09T12:12:01	2	0	15	16	-1	1.0557	1.0554	-0.0004	-0.9993	-0.9995	0.0002
2023-09-09T12:17:38	1	0	1	1	0	1.0592	1.0589	-0.0003	0.9923	0.9923	0.0000
2023-09-09T12:20:20	2	0	1	3	-2	1.0559	1.0490	-0.0069	-0.9237	-0.9227	-0.0010
2023-09-09T12:21:37	1	0	4	5	-1	0.9702	0.9651	-0.0052	0.9686	0.9734	-0.0048
2023-09-09T12:26:14	1	0	28	28	0	0.9427	0.9427	0.0000	0.9962	0.997	-0.0008
2023-09-09T12:28:56	1	0	3	3	0	0.9990	0.9990	0.0000	-0.9993	-0.9993	0.0000
2023-09-09T12:36:01	2	0	7	8	-1	0.9868	0.9895	0.0027	0.9755	0.9758	-0.0003
2023-09-09T12:37:08	2	0	7	8	-1	1.0552	1.0551	-0.0001	0.9903	0.9908	-0.0005
2023-09-09T12:40:53	1	0	4	4	0	1.0025	1.0024	0.0000	0.9938	0.9921	0.0017
2023-09-09T12:47:16	2	0	25	25	0	0.9526	0.9526	0.0000	0.9934	0.9935	-0.0001
2023-09-09T12:58:09	2	0	31	27	4	0.9473	0.9485	0.0012	-0.998	-0.9979	-0.0001
2023-09-09T13:01:02	1	0	1	1	0	1.0270	1.0263	-0.0007	-0.9859	-0.9867	0.0008
2023-09-09T13:02:41	1	0	1	1	0	1.0600	1.0591	-0.0009	0.9993	0.9992	0.0001
2023-09-09T13:04:12	1	0	257	254	3	0.9169	0.9180	0.0011	0.998	0.998	0.0000
2023-09-09T13:05:35	1	0	14	14	0	0.9902	0.9903	0.0001	0.9796	0.9769	0.0027
2023-09-09T13:07:10	1	0	34	28	6	1.0530	1.0522	-0.0008	0.9887	0.9893	-0.0006
2023-09-09T13:16:16	2	0	1	0	1	1.0165	null	null	0.9826	0.9825	0.0001
2023-09-09T13:22:11	1	0	4	5	-1	1.0245	1.0086	-0.0159	0.9833	0.9841	-0.0008
2023-09-09T13:31:01	1	0	1	1	0	1.0342	1.0327	-0.0015	0.9984	0.9931	0.0053
2023-09-09T13:35:37	2	0	25	25	0	0.9559	0.9559	0.0000	0.9775	0.9776	-0.0001
2023-09-09T13:40:01	2	0	124	122	2	0.9403	0.9404	0.0001	-0.9966	-0.9966	0.0000
2023-09-09T13:44:48	1	0	16	15	1	1.0548	1.0540	-0.0008	-0.9782	-0.978	-0.0002
2023-09-09T13:49:31	1	0	75	40	35	0.9398	0.9407	0.0008	0.9532	0.9534	-0.0002
2023-09-09T13:50:38	1	0	39	39	0	0.9342	0.9342	0.0000	0.9752	0.9754	-0.0002
2023-09-09T13:51:07	1	0	2	2	0	0.9467	0.9469	0.0002	0.9944	0.9935	0.0009
2023-09-09T13:51:59	2	0	12	11	1	1.0495	1.0489	-0.0006	0.9459	0.9459	0.0000
2023-09-09T13:52:21	1	0	12	12	0	0.9493	0.9492	-0.0001	0.9994	0.9994	0.0000
2023-09-09T13:57:08	1	0	5	5	0	1.0501	1.0499	-0.0001	-0.9992	-0.9992	0.0000
2023-09-09T13:58:16	1	0	2	2	0	1.0315	1.0308	-0.0008	-0.9965	-0.9966	0.0001
2023-09-09T13:59:01	1	0	9	9	0	1.0452	1.0451	-0.0001	-0.9809	-0.9809	0.0000
2023-09-09T13:59:32	1	0	12	11	1	1.0482	1.0476	-0.0006	0.9997	0.9997	0.0000
2023-09-09T14:01:05	2	0	10	8	2	0.9696	0.9891	0.0195	0.998	0.9981	-0.0001
2023-09-09T14:01:53	1	0	1	1	0	0.9440	0.9449	0.0009	0.982	0.9817	0.0003
2023-09-09T14:04:38	1	0	79	77	2	0.9364	0.9367	0.0003	0.9537	0.9539	-0.0002
2023-09-09T14:06:49	2	0	3	3	0	0.9592	0.9592	0.0000	0.9865	0.9865	0.0000
2023-09-09T14:07:34	1	0	2	2	0	0.9402	0.9403	0.0001	1	1	0.0000
2023-09-09T14:07:56	2	0	13	12	1	1.0537	1.0535	-0.0002	1	1	0.0000
2023-09-09T14:08:45	3	0	1	1	0	0.9429	0.9436	0.0007	0.9932	0.9934	-0.0002
2023-09-09T14:09:41	2	0	95	92	3	0.9586	0.9563	-0.0023	0.9705	0.9683	0.0022
2023-09-09T14:10:16	1	0	151	151	0	0.9240	0.9242	0.0002	-0.997	-0.997	0.0000
2023-09-09T14:11:07	1	0	4	4	0	1.0193	1.0194	0.0001	0.9991	0.9991	0.0000
2023-09-09T14:12:09	1	0	2	2	0	1.0547	1.0545	-0.0002	-0.9994	-0.9994	0.0000
2023-09-09T14:13:20	1	0	14	10	4	0.9675	0.9774	0.0099	0.9944	0.9948	-0.0004
2023-09-09T14:13:20	1	0	2	2	0	1.0338	1.0330	-0.0009	-0.9961	-0.9962	0.0001
2023-09-09T14:14:08	1	0	8	8	0	1.0428	1.0426	-0.0002	-0.9803	-0.9803	0.0000
2023-09-09T14:14:16	1	0	63	62	1	0.9403	0.9404	0.0002	1	1	0.0000
2023-09-09T14:14:53	1	0	44	42	2	1.0573	1.0568	-0.0005	-0.984	-0.9839	-0.0001
2023-09-09T14:15:56	1	0	27	26	1	0.9465	0.9466	0.0001	-0.999	-0.999	0.0000
2023-09-09T14:16:08	1	0	34	34	0	1.0586	1.0583	-0.0002	0.9989	0.9987	0.0002
2023-09-09T14:16:54	1	0	2	2	0	0.9433	0.9438	0.0005	0.9812	0.9807	0.0005
2023-09-09T14:17:46	1	0	1	1	0	0.9439	0.9439	0.0000	0.9981	0.9981	0.0000
2023-09-09T14:19:17	1	0	345	344	1	0.9003	0.9005	0.0003	0.9975	0.9975	0.0000
2023-09-09T14:19:44	1	0	77	73	4	0.9405	0.9410	0.0005	0.9546	0.9548	-0.0002
2023-09-09T14:20:40	4	0	34	34	0	0.9350	0.9351	0.0001	0.9764	0.9769	-0.0005
2023-09-09T14:20:47	1	0	2	2	0	0.9864	0.9866	0.0003	0.9745	0.9742	0.0003
2023-09-09T14:20:58	1	0	18	15	3	0.9428	0.9432	0.0003	0.9796	0.9799	-0.0003
2023-09-09T14:21:10	2	0	14	14	0	0.9612	0.9612	0.0000	0.973	0.9731	-0.0001

2023-09-09T14:21:52	1	0	3	3	0	1.0213	1.0206	-0.0008	0.9903	0.9902	0.0001
2023-09-09T14:22:11	2	0	5	5	0	1.0456	1.0453	-0.0003	0.9514	0.9505	0.0009
2023-09-09T14:22:15	1	0	7	7	0	1.0077	1.0076	-0.0001	0.991	0.9908	0.0002
2023-09-09T14:22:57	2	0	26	25	1	1.0572	1.0572	0.0001	-0.9999	-0.9999	0.0000
2023-09-09T14:23:11	1	0	7	7	0	0.9920	0.9921	0.0001	0.976	0.9757	0.0003
2023-09-09T14:24:42	2	0	21	21	0	0.9794	0.9794	0.0000	0.9704	0.9704	0.0000
2023-09-09T14:25:17	2	0	153	153	0	0.9389	0.9390	0.0001	-0.9983	-0.9983	0.0000
2023-09-09T14:25:38	1	0	10	10	0	0.8466	0.8467	0.0001	0.9837	0.9839	-0.0002
2023-09-09T14:26:08	1	0	20	20	0	0.9833	0.9890	0.0056	0.9974	0.997	0.0004
2023-09-09T14:27:10	1	0	1	1	0	1.0630	1.0629	-0.0001	-0.9994	-0.9994	0.0000
2023-09-09T14:27:43	3	0	1	0	1	0.9949	null	null	0.9996	0.9996	0.0000
2023-09-09T14:28:24	1	0	6	6	0	1.0439	1.0439	0.0000	0.9797	0.9797	0.0000
2023-09-09T14:28:25	1	0	2	2	0	1.0290	1.0281	-0.0010	-0.9967	-0.9968	0.0001
2023-09-09T14:29:17	1	0	8	8	0	1.0452	1.0450	-0.0002	-0.9816	-0.9816	0.0000
2023-09-09T14:29:36	1	0	20	18	2	1.0488	1.0479	-0.0010	0.9995	0.9995	0.0000
2023-09-09T14:29:56	1	0	47	45	2	1.0550	1.0546	-0.0004	-0.9867	-0.972	-0.0147
2023-09-09T14:31:05	1	0	1	1	0	1.0250	1.0247	-0.0003	-0.9982	-0.9982	0.0000
2023-09-09T14:31:09	1	0	1	1	0	1.0333	1.0330	-0.0003	0.9975	0.9971	0.0004
2023-09-09T14:31:21	2	0	1	1	0	1.0236	1.0231	-0.0005	0.9874	0.9873	0.0001
2023-09-09T14:31:59	1	0	3	3	0	0.9414	0.9419	0.0005	0.9821	0.9818	0.0003
2023-09-09T14:34:00	2	0	50	49	1	0.9415	0.9416	0.0001	0.9964	0.9964	0.0000
2023-09-09T14:34:18	5	0	11	9	2	0.9556	0.9573	0.0017	1	1	0.0000
2023-09-09T14:34:26	1	0	326	325	1	0.9030	0.9032	0.0002	0.9975	0.9974	0.0001
2023-09-09T14:34:51	1	0	79	79	0	0.9390	0.9396	0.0006	0.9537	0.9539	-0.0002
2023-09-09T14:35:41	2	0	34	34	0	0.9324	0.9324	0.0000	0.9745	0.9746	-0.0001
2023-09-09T14:35:55	1	0	2	2	0	0.9855	0.9858	0.0003	0.9754	0.9751	0.0003
2023-09-09T14:36:02	3	0	3	3	0	1.0186	1.0162	-0.0024	0.9954	0.9991	-0.0037
2023-09-09T14:37:01	1	0	1	1	0	1.0353	1.0336	-0.0017	0.9904	0.9925	-0.0021
2023-09-09T14:37:16	1	0	7	7	0	1.0226	1.0226	0.0000	0.9911	0.9909	0.0002
2023-09-09T14:37:17	2	0	5	5	0	1.0451	1.0448	-0.0002	0.9589	0.9581	0.0008
2023-09-09T14:37:26	2	0	10	10	0	0.9661	0.9664	0.0003	-0.9993	-0.9992	-0.0001
2023-09-09T14:37:36	2	0	4	4	0	0.9401	0.9402	0.0001	0.9998	0.9998	0.0000
2023-09-09T14:37:58	2	0	18	17	1	1.0557	1.0557	0.0000	-0.9999	-0.9999	0.0000
2023-09-09T14:40:18	2	0	135	135	0	0.9404	0.9405	0.0001	-0.9985	-0.9985	0.0000
2023-09-09T14:41:19	1	0	19	17	2	0.9745	0.9726	-0.0019	0.9977	0.9977	0.0000
2023-09-09T14:42:12	1	0	1	1	0	1.0601	1.0601	0.0000	-0.9999	-0.9999	0.0000
2023-09-09T14:43:29	1	0	2	2	0	1.0276	1.0267	-0.0010	-0.9968	-0.9968	0.0000
2023-09-09T14:44:40	1	0	5	5	0	1.0488	1.0485	-0.0002	0.9988	0.9988	0.0000
2023-09-09T14:44:59	1	0	25	21	4	1.0559	1.0558	-0.0002	-0.9796	-0.9795	-0.0001
2023-09-09T14:45:55	1	0	4	4	0	1.0131	1.0132	0.0001	-0.9942	-0.9941	-0.0001
2023-09-09T14:46:12	2	0	36	34	2	0.9458	0.9459	0.0001	-0.9985	-0.9985	0.0000
2023-09-09T14:46:13	1	0	5	5	0	1.0297	1.0297	0.0000	-0.9539	-0.954	0.0001
2023-09-09T14:46:25	4	0	32	26	6	0.9399	0.9406	0.0006	0.9999	0.9999	0.0000
2023-09-09T14:47:05	1	0	10	10	0	0.9392	0.9399	0.0007	0.98	0.9798	0.0002
2023-09-09T14:49:34	1	0	288	288	0	0.9151	0.9155	0.0004	0.9993	0.9992	0.0001
2023-09-09T14:50:39	1	0	1	1	0	0.9417	0.9418	0.0001	0.9775	0.9768	0.0007
2023-09-09T14:50:42	2	0	45	45	0	0.9285	0.9285	0.0000	0.9741	0.9742	-0.0001
2023-09-09T14:53:08	2	0	33	29	4	1.0588	1.0580	-0.0008	-0.9807	-0.9811	0.0004
2023-09-09T14:54:44	1	0	126	126	0	0.9549	0.9550	0.0001	0.9636	0.9636	0.0000
2023-09-09T14:59:33	1	0	28	28	0	0.9401	0.9404	0.0003	0.9999	0.9999	0.0000
2023-09-09T15:00:11	1	0	233	231	2	0.9195	0.9195	0.0000	0.9886	0.9894	-0.0008
2023-09-09T15:00:27	1	0	4	3	1	1.0234	1.0155	-0.0079	0.9975	0.9975	0.0000
2023-09-09T15:02:11	1	0	9	8	1	0.9403	0.9404	0.0002	0.9808	0.9806	0.0002
2023-09-09T15:02:31	1	0	60	58	2	0.9955	0.9933	-0.0021	0.9985	0.9985	0.0000
2023-09-09T15:03:46	2	0	27	27	0	0.9541	0.9541	0.0000	0.9775	0.9774	0.0001
2023-09-09T15:06:13	2	0	181	181	0	0.9433	0.9432	0.0000	0.9707	0.9709	-0.0002
2023-09-09T15:06:16	1	0	2	2	0	0.9430	0.9435	0.0004	0.9942	0.9943	-0.0001
2023-09-09T15:08:14	1	0	7	7	0	0.9957	0.9957	0.0000	0.984	0.9838	0.0002
2023-09-09T15:09:56	3	0	54	54	0	0.9555	0.9555	0.0000	0.9705	0.9702	0.0003
2023-09-09T15:11:57	2	0	65	63	2	0.9071	0.9073	0.0002	0.9941	0.9932	0.0009
2023-09-09T15:14:09	3	0	3	3	0	1.0066	1.0052	-0.0014	-0.9976	-0.9977	0.0001
2023-09-09T15:14:27	1	0	6	6	0	1.0444	1.0442	-0.0002	-0.9839	-0.9839	0.0000
2023-09-09T15:14:34	1	0	68	68	0	0.9347	0.9348	0.0001	0.9998	0.9999	-0.0001
2023-09-09T15:15:42	1	0	42	34	8	1.0566	1.0561	-0.0005	0.9977	0.9983	-0.0006
2023-09-09T15:16:15	1	0	1	1	0	1.0212	1.0209	-0.0003	-0.9951	-0.9952	0.0001
2023-09-09T15:17:50	2	0	1	1	0	0.9427	0.9439	0.0012	0.9954	0.9955	-0.0001
2023-09-09T15:20:44	3	0	67	67	0	0.9164	0.9164	0.0000	0.9708	0.9701	0.0007
2023-09-09T15:21:21	1	0	5	4	1	0.9438	0.9442	0.0004	0.9939	0.994	-0.0001
2023-09-09T15:22:19	1	0	13	12	1	0.9991	1.0037	0.0046	0.9935	0.9935	0.0000
2023-09-09T15:23:21	1	0	16	16	0	1.0395	1.0396	0.0000	-0.9802	-0.9794	-0.0008
2023-09-09T15:27:04	2	0	101	98	3	0.9194	0.9051	-0.0143	0.9824	0.9825	-0.0001
2023-09-09T15:27:12	1	0	65	65	0	0.9190	0.9189	-0.0002	0.9938	0.9925	0.0013
2023-09-09T15:28:00	3	0	1	1	0	0.9850	0.9854	0.0004	0.9982	0.9982	0.0000
2023-09-09T15:30:40	4	0	8	8	0	0.9539	0.9543	0.0004	0.9789	0.9787	0.0002
2023-09-09T15:31:55	1	0	37	35	2	0.9410	0.9416	0.0006	0.9999	0.9998	0.0001
2023-09-09T15:34:15	1	0	2	2	0	0.9428	0.9428	0.0001	0.9941	0.9941	0.0000
2023-09-09T15:38:54	3	0	1	1	0	0.9411	0.9414	0.0003	0.9933	0.9934	-0.0001
2023-09-09T15:42:26	6	0	75	72	3	0.9344	0.9340	-0.0004	0.9929	0.9922	0.0007
2023-09-09T15:46:27	2	0	1	1	0	1.0217	1.0216	-0.0001	0.9829	0.9829	0.0000
2023-09-09T15:50:46	3	0	46	46	0	0.9313	0.9313	0.0000	0.9658	0.9653	0.0005
2023-09-09T15:51:29	1	0	10	9	1	0.9423	0.9426	0.0003	0.9934	0.9935	-0.0001
2023-09-09T15:55:48	1	0	21	21	0	0.8765	0.8766	0.0002	0.9824	0.9825	-0.0001
2023-09-09T15:56:57	1	0	73	68	5	0.9528	0.9501	-0.0027	0.9969	0.9969	0.0000
2023-09-09T15:57:47	1	0	76	75	1	0.9086	0.9090	0.0004	0.9917	0.9918	-0.0001
2023-09-09T15:58:30	1	0	25	22	3	0.9508	0.9520	0.0013	0.995	0.9951	-0.0001

2023-09-09T16:16:16	4	0	45	45	0	0.9310	0.9327	0.0017	0.9883	0.9888	-0.0005
2023-09-09T16:19:07	1	0	2	2	0	0.9913	0.9916	0.0004	0.9979	0.998	-0.0001
2023-09-09T16:27:23	2	0	145	144	1	0.9162	0.9164	0.0002	0.9803	0.9804	-0.0001
2023-09-09T16:34:08	3	0	8	8	0	1.0168	1.0167	-0.0001	0.9993	0.9993	0.0000
2023-09-09T16:34:18	2	0	6	6	0	1.0292	1.0293	0.0001	-0.9918	-0.9917	-0.0001
2023-09-09T16:50:31	1	0	5	5	0	0.9347	0.9348	0.0001	0.9953	0.9954	-0.0001
2023-09-09T17:13:32	2	0	115	114	1	0.9290	0.9293	0.0003	0.9912	0.9912	0.0000
2023-09-09T17:15:34	1	0	19	19	0	1.0555	1.0554	-0.0002	-0.9796	-0.9792	-0.0004
2023-09-09T17:30:36	1	0	28	28	0	1.0565	1.0564	-0.0001	-0.9796	-0.9792	-0.0004
2023-09-09T17:40:12	1	0	2	2	0	1.0398	1.0398	0.0000	-0.9912	-0.9912	0.0000
2023-09-09T18:12:39	1	0	79	78	1	1.0554	1.0554	0.0000	-0.9991	-0.9991	0.0000
2023-09-10T07:56:14	1	0	337	337	0	1.0727	1.0727	0.0000	-0.9764	-0.9764	0.0000
2023-09-10T08:18:38	1	0	106	106	0	0.9291	0.9292	0.0001	0.9697	0.9695	0.0002
2023-09-10T08:40:44	1	0	1	1	0	1.0348	1.0344	-0.0004	-0.9483	-0.9479	-0.0004
2023-09-10T08:41:56	1	0	138	138	0	0.8940	0.8940	0.0000	0.9999	0.9998	0.0001
2023-09-10T09:05:07	2	0	303	303	0	0.8254	0.8255	0.0001	0.8875	0.8875	0.0000
2023-09-10T09:11:36	2	0	6	6	0	1.0036	1.0035	-0.0001	0.9771	0.9771	0.0000
2023-09-10T09:14:52	1	0	8	7	1	0.9440	0.9444	0.0004	0.9915	0.9921	-0.0006
2023-09-10T09:18:27	1	0	6	6	0	0.9793	0.9792	-0.0001	0.9799	0.9797	0.0002
2023-09-10T09:27:47	1	0	1	1	0	1.0236	1.0233	-0.0003	0.9991	0.9991	0.0000
2023-09-10T09:29:08	1	0	2	2	0	1.0319	1.0317	-0.0003	0.9985	0.9984	0.0001
2023-09-10T09:31:56	1	0	1	1	0	1.0411	1.0407	-0.0004	-0.9917	-0.9917	0.0000
2023-09-10T09:35:12	1	0	303	302	1	0.8550	0.8551	0.0001	0.8894	0.8893	0.0001
2023-09-10T09:35:29	2	0	29	22	7	1.0536	1.0529	-0.0007	0.9966	0.9965	0.0001
2023-09-10T09:41:47	1	0	2	2	0	0.9915	0.9914	-0.0002	0.9925	0.9922	0.0003
2023-09-10T09:45:51	1	0	1	1	0	0.8003	0.8007	0.0004	0.9916	0.9916	0.0000
2023-09-10T09:45:51	1	0	2	2	0	1.0304	1.0304	-0.0001	0.9896	0.9894	0.0002
2023-09-10T09:50:30	1	0	16	16	0	1.0517	1.0516	-0.0001	0.9958	0.9958	0.0000
2023-09-10T09:55:39	1	0	3	3	0	1.1460	1.1459	-0.0001	0.9855	0.9854	0.0001
2023-09-10T09:59:55	2	0	20	18	2	0.9430	0.9430	0.0001	0.9885	0.9893	-0.0008
2023-09-10T10:00:52	1	0	1	1	0	1.0269	1.0269	0.0000	0.9413	0.9412	0.0001
2023-09-10T10:01:58	1	0	1	1	0	1.0407	1.0401	-0.0006	-0.9912	-0.9913	0.0001
2023-09-10T10:02:20	2	0	15	14	1	0.9705	0.9724	0.0020	0.9978	0.9978	0.0000
2023-09-10T10:04:31	1	0	1	1	0	0.9827	0.9835	0.0008	0.9849	0.9553	0.0296
2023-09-10T10:05:18	2	0	286	286	0	0.8759	0.8762	0.0003	0.8978	0.898	-0.0002
2023-09-10T10:05:31	2	0	16	15	1	1.0512	1.0512	0.0000	0.9958	0.9957	0.0001
2023-09-10T10:05:35	2	0	5	5	0	1.0019	1.0024	0.0005	0.9994	0.999	0.0004
2023-09-10T10:10:04	1	0	10	10	0	1.0183	1.0183	0.0000	-0.9999	-0.9999	0.0000
2023-09-10T10:10:40	1	0	125	125	0	0.9032	0.9035	0.0004	0.9819	0.982	-0.0001
2023-09-10T10:10:53	1	0	6	6	0	0.9579	0.9577	-0.0003	0.9998	0.9997	0.0001
2023-09-10T10:12:34	2	0	1	1	0	0.9857	0.9862	0.0005	-0.9995	-0.9995	0.0000
2023-09-10T10:12:41	1	0	1	0	1	1.0259	null	null	-0.9933	-0.9934	0.0001
2023-09-10T10:12:50	1	0	1	1	0	1.0215	1.0209	-0.0006	0.9983	0.9984	-0.0001
2023-09-10T10:14:21	1	0	3	3	0	1.0395	1.0393	-0.0003	0.9969	0.9966	0.0003
2023-09-10T10:14:26	1	0	28	22	6	1.0542	1.0530	-0.0013	-0.9321	-0.9323	0.0002
2023-09-10T10:15:53	1	0	1	1	0	0.7833	0.7837	0.0004	0.9999	0.9999	0.0000
2023-09-10T10:16:15	1	0	11	11	0	1.0482	1.0480	-0.0002	0.9491	0.9483	0.0008
2023-09-10T10:16:46	2	0	109	107	2	1.0587	1.0587	0.0000	0.9976	0.9975	0.0001
2023-09-10T10:18:46	3	0	30	29	1	0.9480	0.9541	0.0061	0.9721	0.9723	-0.0002
2023-09-10T10:18:52	2	0	2	0	2	0.9447	null	null	-0.999	-0.999	0.0000
2023-09-10T10:19:09	3	0	4	4	0	1.0333	1.0332	-0.0002	-0.9999	-0.9999	0.0000
2023-09-10T10:20:25	1	0	17	16	1	1.0495	1.0491	-0.0004	0.9996	0.9996	0.0000
2023-09-10T10:22:50	2	0	2	2	0	1.0448	1.0441	-0.0007	-0.9818	-0.9819	0.0001
2023-09-10T10:24:33	1	0	9	9	0	1.0322	1.0321	-0.0001	0.9627	0.9624	0.0003
2023-09-10T10:26:50	1	0	2	2	0	0.9915	0.9912	-0.0002	0.992	0.9916	0.0004
2023-09-10T10:27:35	1	0	1	1	0	0.9888	0.9893	0.0005	-0.9996	-0.9996	0.0000
2023-09-10T10:33:47	2	0	152	150	2	0.9259	0.9239	-0.0020	0.9606	0.9607	-0.0001
2023-09-10T10:33:53	1	0	7	7	0	0.9436	0.9439	0.0003	-0.9996	-0.9996	0.0000
2023-09-10T10:34:09	1	0	1	1	0	1.0324	1.0321	-0.0003	-0.9999	-0.9999	0.0000
2023-09-10T10:35:33	1	0	17	17	0	1.0512	1.0512	-0.0001	0.9935	0.9935	0.0000
2023-09-10T10:35:54	1	0	2	2	0	1.0282	1.0280	-0.0003	1	1	0.0000
2023-09-10T10:38:21	5	0	1	0	1	1.0304	null	null	-1	-1	0.0000
2023-09-10T10:43:13	1	0	9	9	0	1.0454	1.0453	-0.0001	0.9887	0.9886	0.0001
2023-09-10T10:43:53	1	0	1	0	1	1.0554	null	null	-0.9988	-0.9988	0.0000
2023-09-10T10:44:32	1	0	5	5	0	1.0405	1.0404	-0.0001	-0.9955	-0.9956	0.0001
2023-09-10T10:47:36	1	0	1	1	0	1.0566	1.0556	-0.0010	0.9986	0.9986	0.0000
2023-09-10T10:50:34	2	0	17	17	0	1.0505	1.0504	-0.0001	0.9923	0.9921	0.0002
2023-09-10T10:51:25	2	0	6	6	0	1.0448	1.0444	-0.0004	0.9962	0.9958	0.0004
2023-09-10T10:54:35	1	0	7	7	0	1.0238	1.0238	0.0000	0.9643	0.9639	0.0004
2023-09-10T10:55:07	1	0	7	7	0	1.0165	1.0165	0.0000	-1	-1	0.0000
2023-09-10T10:55:22	1	0	4	4	0	0.6796	0.6798	0.0002	0.9863	0.9866	-0.0003
2023-09-10T10:55:52	1	0	2	2	0	1.0107	1.0109	0.0002	-1	-1	0.0000
2023-09-10T10:59:35	1	0	13	7	6	1.0544	1.0523	-0.0020	-0.9434	-0.9434	0.0000
2023-09-10T11:00:56	2	0	1	0	1	1.0466	null	null	0.9591	0.958	0.0011
2023-09-10T11:01:18	1	0	2	0	2	1.0264	null	null	-0.9974	-0.9974	0.0000
2023-09-10T11:01:36	1	0	6	6	0	1.0417	1.0412	-0.0006	0.9935	0.9933	0.0002
2023-09-10T11:03:34	1	0	7	7	0	0.9891	0.9892	0.0001	0.9726	0.9732	-0.0006
2023-09-10T11:05:22	1	0	92	91	1	0.9279	0.9280	0.0000	0.9327	0.932	0.0007
2023-09-10T11:06:25	2	0	8	8	0	0.9930	0.9926	-0.0004	0.9786	0.9784	0.0002
2023-09-10T11:06:51	2	0	1	1	0	0.9429	0.9437	0.0008	0.8494	0.8509	-0.0015
2023-09-10T11:13:55	1	0	1	1	0	1.0602	1.0599	-0.0003	-0.9999	-0.9999	0.0000
2023-09-10T11:15:40	4	0	1	1	0	1.0336	1.0328	-0.0008	-0.9963	-0.9965	0.0002
2023-09-10T11:15:59	1	0	1	1	0	1.0234	1.0224	-0.0010	-0.9973	-0.9978	0.0005
2023-09-10T11:16:04	1	0	18	18	0	1.0506	1.0506	0.0000	-0.8916	-0.891	-0.0006
2023-09-10T11:19:58	2	0	4	4	0	1.0493	1.0484	-0.0010	0.9976	0.9974	0.0002

2023-09-10T11:20:00	1	0	1	1	0	0.9866	0.9868	0.0002	0.9816	0.9785	0.0031
2023-09-10T11:20:17	1	0	1	1	0	1.0331	1.0320	-0.0011	0.9793	0.9743	0.0050
2023-09-10T11:20:17	1	0	25	25	0	1.0481	1.0480	-0.0001	0.9994	0.9993	0.0001
2023-09-10T11:20:40	4	0	45	44	1	0.9707	0.9668	-0.0039	0.9969	0.9959	0.0010
2023-09-10T11:20:53	3	0	1	1	0	1.0042	1.0012	-0.0030	0.9932	0.9924	0.0008
2023-09-10T11:22:07	2	0	8	8	0	1.0197	1.0226	0.0029	-0.9965	-0.9952	-0.0013
2023-09-10T11:22:47	2	0	6	6	0	1.0491	1.0489	-0.0003	-0.9929	-0.993	0.0001
2023-09-10T11:28:04	3	0	1	1	0	0.9875	0.9878	0.0003	-0.9999	-0.9999	0.0000
2023-09-10T11:28:08	1	0	11	10	1	0.9686	0.9559	-0.0127	0.9986	0.9985	0.0001
2023-09-10T11:29:41	1	0	21	18	3	1.0540	1.0537	-0.0004	-0.9517	-0.9515	-0.0002
2023-09-10T11:29:42	1	0	3	3	0	1.0398	1.0395	-0.0002	0.9954	0.9952	0.0002
2023-09-10T11:29:50	1	0	5	5	0	1.0430	1.0429	0.0000	-0.9911	-0.9911	0.0000
2023-09-10T11:32:30	2	0	7	7	0	1.0544	1.0542	-0.0002	0.9957	0.9957	0.0000
2023-09-10T11:35:03	2	0	4	4	0	1.0496	1.0493	-0.0003	0.9971	0.997	0.0001
2023-09-10T11:35:15	1	0	1	1	0	0.9849	0.9855	0.0006	0.9803	0.98	0.0003
2023-09-10T11:35:28	1	0	1	1	0	1.0328	1.0324	-0.0004	0.9755	0.9754	0.0001
2023-09-10T11:36:45	2	0	6	6	0	1.0429	1.0428	-0.0001	0.9947	0.9945	0.0002
2023-09-10T11:37:13	1	0	5	6	-1	1.0023	0.9924	-0.0100	-0.9983	-0.9976	-0.0007
2023-09-10T11:40:02	1	0	20	16	4	0.9513	0.9535	0.0022	-0.9899	-0.9898	-0.0001
2023-09-10T11:40:46	2	0	12	10	2	1.0379	1.0378	-0.0001	0.9696	0.9695	0.0001
2023-09-10T11:40:55	1	0	1	1	0	1.0348	1.0348	0.0000	0.998	0.998	0.0000
2023-09-10T11:43:26	1	0	20	20	0	0.9509	0.9508	-0.0001	0.9984	0.9989	-0.0005
2023-09-10T11:44:43	1	0	14	14	0	1.0549	1.0542	-0.0007	-0.9531	-0.9527	-0.0004
2023-09-10T11:44:46	1	0	4	4	0	1.0455	1.0454	-0.0001	0.9949	0.9948	0.0001
2023-09-10T11:45:02	1	0	4	4	0	1.0434	1.0434	0.0000	-0.9926	-0.9925	-0.0001
2023-09-10T11:45:39	2	0	11	10	1	1.0450	1.0439	-0.0011	0.9506	0.9506	0.0000
2023-09-10T11:46:01	2	0	2	2	0	1.0511	1.0473	-0.0038	0.9582	0.995	-0.0368
2023-09-10T11:46:07	1	0	23	23	0	1.0510	1.0510	0.0000	-0.8926	-0.8983	0.0057
2023-09-10T11:46:39	1	0	3	3	0	0.9660	0.9663	0.0003	-0.9969	-0.9968	-0.0001
2023-09-10T11:47:38	1	0	16	16	0	1.0544	1.0544	0.0000	0.9956	0.9956	0.0000
2023-09-10T11:51:28	2	0	8	9	-1	0.9930	0.9950	0.0020	0.9779	0.9782	-0.0003
2023-09-10T11:51:51	2	0	6	6	0	1.0449	1.0448	0.0000	1	1	0.0000
2023-09-10T11:51:54	2	0	2	2	0	0.9475	0.9476	0.0001	0.8438	0.8433	0.0005
2023-09-10T11:52:17	1	0	5	6	-1	0.9769	0.9710	-0.0058	-0.9998	-0.9994	-0.0004
2023-09-10T11:55:56	1	0	3	3	0	1.0342	1.0341	-0.0001	-0.9999	-0.9999	0.0000
2023-09-10T11:59:45	1	0	5	6	-1	1.0538	1.0536	-0.0003	-0.9604	-0.9598	-0.0006
2023-09-10T11:59:51	1	0	3	3	0	1.0412	1.0412	0.0000	0.996	0.996	0.0000
2023-09-10T12:01:35	1	0	1	1	0	0.9422	0.9422	0.0000	-0.9981	-0.9981	0.0000
2023-09-10T12:02:39	1	0	22	22	0	1.0586	1.0586	0.0000	1	1	0.0000
2023-09-10T12:06:29	2	0	7	7	0	0.9965	0.9965	0.0000	0.9784	0.9786	-0.0002
2023-09-10T12:07:21	1	0	7	7	0	1.0017	1.0015	-0.0002	-0.998	-0.9972	-0.0008
2023-09-10T12:08:07	1	0	12	8	4	0.9603	0.9607	0.0005	0.9666	0.9582	0.0084
2023-09-10T12:11:03	1	0	6	6	0	1.0433	1.0433	0.0000	-1	-0.9998	-0.0002
2023-09-10T12:13:42	1	0	33	33	0	0.9410	0.9410	-0.0001	0.9981	0.998	0.0001
2023-09-10T12:25:05	1	0	5	6	-1	0.9755	0.9703	-0.0053	-0.9956	-0.9956	0.0000
2023-09-10T12:31:04	4	0	7	8	-1	1.0573	1.0575	0.0002	0.943	0.9973	-0.0543
2023-09-10T12:31:11	1	0	7	8	-1	1.0418	1.0425	0.0007	-0.914	-0.9071	-0.0069
2023-09-10T12:35:40	1	0	1	1	0	1.0378	1.0375	-0.0003	0.9708	0.9776	-0.0068
2023-09-10T12:46:48	1	0	4	4	0	0.9568	0.9568	0.0000	-0.9996	-0.9996	0.0000
2023-09-10T12:58:20	1	0	4	4	0	1.0498	1.0497	-0.0001	0.9906	0.9906	0.0000
2023-09-10T12:58:43	1	0	2	2	0	0.9917	0.9910	-0.0007	-0.9971	-0.9971	0.0000
2023-09-10T12:59:06	1	0	25	25	0	0.9448	0.9449	0.0000	0.9978	0.9979	-0.0001
2023-09-10T12:59:56	1	0	5	3	2	1.0553	1.0514	-0.0038	-0.9654	-0.9655	0.0001
2023-09-10T13:04:54	2	0	23	23	0	0.9621	0.9620	-0.0001	0.9677	0.9675	0.0002
2023-09-10T13:13:54	1	0	1	2	-1	0.9442	0.9675	0.0234	-0.998	-0.9979	-0.0001
2023-09-10T13:20:49	1	0	1	1	0	1.0316	1.0316	0.0000	0.9631	0.9679	-0.0048
2023-09-10T13:29:59	1	0	4	5	-1	1.0549	1.0555	0.0006	-0.9721	-0.9714	-0.0007
2023-09-10T13:40:19	2	0	72	72	0	0.9489	0.9489	0.0000	0.9998	0.9998	0.0000
2023-09-10T13:47:22	1	0	6	6	0	0.9512	0.9514	0.0003	-0.9997	-0.9997	0.0000
2023-09-10T13:50:33	1	0	1	1	0	0.9848	0.9849	0.0001	0.9782	0.9776	0.0006
2023-09-10T13:53:15	1	0	1	1	0	1.0242	1.0242	0.0000	0.9675	0.9675	0.0000
2023-09-10T13:57:04	1	0	1	1	0	1.0560	1.0557	-0.0003	0.9986	0.9985	0.0001
2023-09-10T14:01:15	1	0	6	6	0	1.0568	1.0563	-0.0005	0.9804	0.9994	-0.0190
2023-09-10T14:02:54	1	0	10	10	0	1.0531	1.0531	0.0000	0.9985	0.9985	0.0000
2023-09-10T14:04:26	4	0	1	0	1	1.0287	null	null	0.9999	0.9998	0.0001
2023-09-10T14:05:50	5	0	3	3	0	0.9540	0.9540	0.0000	0.9534	0.9537	-0.0003
2023-09-10T14:05:58	1	0	1	1	0	1.0326	1.0310	-0.0016	0.974	0.978	-0.0040
2023-09-10T14:09:48	2	0	40	40	0	0.9613	0.9613	0.0000	0.9608	0.9605	0.0003
2023-09-10T14:10:15	1	0	60	57	3	0.9451	0.9454	0.0002	-0.9943	-0.9942	-0.0001
2023-09-10T14:10:21	1	0	33	33	0	0.9554	0.9554	0.0000	0.9999	0.9999	0.0000
2023-09-10T14:10:43	1	0	3	3	0	0.6229	0.6229	0.0000	0.9909	0.9909	0.0000
2023-09-10T14:12:05	1	0	44	44	0	0.9064	0.9064	0.0000	0.9913	0.9914	-0.0001
2023-09-10T14:14:07	1	0	1	2	-1	1.0368	1.0461	0.0093	-0.9971	-0.997	-0.0001
2023-09-10T14:14:58	1	0	44	43	1	0.9404	0.9402	-0.0002	0.9975	0.9966	0.0009
2023-09-10T14:15:14	2	0	4	5	-1	0.9408	0.9414	0.0007	0.9867	0.9867	0.0000
2023-09-10T14:16:16	1	0	1	4	-3	1.0323	1.0508	0.0185	0.9529	0.9996	-0.0467
2023-09-10T14:17:07	1	0	4	4	0	0.9564	0.9565	0.0000	-1	-1	0.0000
2023-09-10T14:17:24	8	0	6	6	0	0.9735	0.9743	0.0009	-0.9996	-0.9996	0.0000
2023-09-10T14:17:55	1	0	23	23	0	1.0570	1.0569	-0.0001	0.9994	0.9994	0.0000
2023-09-10T14:19:08	3	0	318	317	1	0.9008	0.9013	0.0005	1	1	0.0000
2023-09-10T14:20:41	1	0	1	1	0	0.9841	0.9848	0.0007	0.9761	0.9758	0.0003
2023-09-10T14:21:20	1	0	1	1	0	1.0233	1.0233	0.0000	0.9998	1	-0.0002
2023-09-10T14:22:04	1	0	6	6	0	0.9343	0.9344	0.0001	0.8199	0.82	-0.0001
2023-09-10T14:22:13	2	0	6	6	0	1.0459	1.0458	-0.0001	0.9566	0.9561	0.0005
2023-09-10T14:24:49	1	0	7	7	0	1.0316	1.0314	-0.0001	0.9616	0.9631	-0.0015

2023-09-10T14:25:15	1	0	10	10	0	0.9585	0.9586	0.0001	-0.9959	-0.9959	0.0000
2023-09-10T14:25:22	1	0	43	43	0	0.9546	0.9546	0.0000	0.9999	0.9999	0.0000
2023-09-10T14:29:08	1	0	2	2	0	1.0365	1.0362	-0.0003	-0.9976	-0.9976	0.0000
2023-09-10T14:29:29	2	0	15	15	0	0.9365	0.9365	0.0000	0.9985	0.999	-0.0005
2023-09-10T14:30:13	1	0	48	48	0	0.9365	0.9362	-0.0003	0.9961	0.9951	0.0010
2023-09-10T14:31:17	1	0	1	1	0	1.0114	1.0110	-0.0004	0.9464	0.9463	0.0001
2023-09-10T14:31:52	1	0	4	4	0	1.0354	1.0351	-0.0003	0.9831	0.983	0.0001
2023-09-10T14:32:09	2	0	4	4	0	0.9569	0.9572	0.0003	1	-1	0.0000
2023-09-10T14:33:03	1	0	7	7	0	1.0541	1.0538	-0.0003	0.9982	0.9982	0.0000
2023-09-10T14:33:57	1	0	5	6	-1	0.9657	0.9627	-0.0030	0.9632	0.9637	-0.0005
2023-09-10T14:34:04	1	0	66	66	0	0.9357	0.9357	0.0000	0.9767	0.9765	0.0002
2023-09-10T14:34:24	5	0	355	354	1	0.8997	0.9000	0.0003	0.9998	0.9998	0.0000
2023-09-10T14:34:28	1	0	1	1	0	1.0277	1.0276	-0.0001	0.9995	0.9994	0.0001
2023-09-10T14:36:21	1	0	1	1	0	1.0275	1.0274	-0.0001	0.9998	0.9998	0.0000
2023-09-10T14:36:38	1	0	4	4	0	1.0486	1.0484	-0.0003	0.9979	0.9977	0.0002
2023-09-10T14:37:05	2	0	5	5	0	0.9369	0.9370	0.0001	0.8227	0.823	-0.0003
2023-09-10T14:37:57	1	0	6	6	0	0.9688	0.9684	-0.0004	-0.9999	-0.9999	0.0000
2023-09-10T14:38:43	2	0	14	14	0	1.0064	1.0064	0.0000	0.9835	0.9836	-0.0001
2023-09-10T14:39:50	1	0	9	9	0	1.0118	1.0119	0.0001	0.9606	0.9604	0.0002
2023-09-10T14:40:16	1	0	19	17	2	0.9513	0.9521	0.0008	-0.9963	-0.9963	0.0000
2023-09-10T14:40:23	1	0	81	81	0	0.9490	0.9490	0.0000	1	1	0.0000
2023-09-10T14:40:49	1	0	3	3	0	0.5792	0.5793	0.0001	0.991	0.9909	0.0001
2023-09-10T14:42:07	1	0	5	5	0	1.0504	1.0501	-0.0003	1	-1	0.0000
2023-09-10T14:43:27	1	0	5	5	0	1.0503	1.0503	0.0000	0.993	0.9931	-0.0001
2023-09-10T14:43:30	3	0	1	1	0	0.9824	0.9829	0.0005	1	1	0.0000
2023-09-10T14:44:10	1	0	2	2	0	1.0366	1.0366	0.0000	-0.997	-0.997	0.0000
2023-09-10T14:44:30	2	0	28	28	0	0.9495	0.9495	0.0000	0.9976	0.9976	0.0000
2023-09-10T14:44:37	1	0	12	12	0	1.0470	1.0468	-0.0001	1	0.9999	0.0001
2023-09-10T14:45:15	1	0	13	8	5	1.0564	1.0551	-0.0012	-0.9676	-0.9676	0.0000
2023-09-10T14:46:54	1	0	4	4	0	1.0358	1.0355	-0.0003	0.9839	0.9838	0.0001
2023-09-10T14:47:38	4	0	2	2	0	0.9607	0.9611	0.0004	-0.9996	-0.9996	0.0000
2023-09-10T14:49:06	1	0	72	43	29	0.9504	0.9512	0.0008	0.9601	0.9608	-0.0007
2023-09-10T14:49:14	1	0	2	2	0	0.9387	0.9389	0.0002	0.9894	0.9895	-0.0001
2023-09-10T14:49:18	2	0	30	29	1	0.9440	0.9439	0.0000	0.9807	0.9808	-0.0001
2023-09-10T14:50:23	2	0	3	3	0	1.0471	1.0466	-0.0005	0.9916	0.9914	0.0002
2023-09-10T14:50:43	1	0	8	8	0	1.0343	1.0344	0.0001	-1	0.9991	0.0009
2023-09-10T14:50:49	1	0	1	1	0	0.9864	0.9870	0.0006	0.9759	0.9756	0.0003
2023-09-10T14:52:26	2	0	7	7	0	1.0429	1.0428	-0.0001	0.9865	0.9863	0.0002
2023-09-10T14:55:03	1	0	11	10	1	1.0047	1.0044	-0.0003	0.9625	0.9605	0.0020
2023-09-10T14:56:13	1	0	1	1	0	0.9426	0.9432	0.0006	-0.9965	-0.9965	0.0000
2023-09-10T14:56:19	1	0	7	7	0	0.9656	0.9657	0.0002	0.9935	0.9937	-0.0002
2023-09-10T14:58:28	1	0	1	1	0	1.0288	1.0287	-0.0001	-0.9941	-0.9941	0.0000
2023-09-10T15:00:17	1	0	7	7	0	0.9454	0.9454	0.0000	0.9833	0.9834	-0.0001
2023-09-10T15:01:11	2	0	15	15	0	0.9750	0.9749	-0.0001	0.9754	0.9752	0.0002
2023-09-10T15:02:39	2	0	2	2	0	0.9836	0.9834	-0.0002	-0.9988	-0.9988	0.0000
2023-09-10T15:03:53	2	0	18	18	0	0.9515	0.9513	-0.0001	0.9747	0.9761	-0.0014
2023-09-10T15:08:49	5	0	8	8	0	0.9535	0.9545	0.0010	-1	-1	0.0000
2023-09-10T15:11:21	2	0	14	13	1	0.9585	0.9602	0.0017	0.9945	0.9946	-0.0001
2023-09-10T15:13:36	1	0	2	2	0	1.0296	1.0288	-0.0008	-0.9941	-0.9941	0.0000
2023-09-10T15:17:36	1	0	4	4	0	1.0370	1.0369	-0.0001	-0.9982	-0.9983	0.0001
2023-09-10T15:25:56	1	0	4	4	0	0.7269	0.7265	-0.0004	0.9948	0.9947	0.0001
2023-09-10T15:30:30	1	0	59	57	2	0.9031	0.9031	0.0000	0.9954	0.9937	0.0017
2023-09-10T15:33:01	2	0	4	4	0	0.9502	0.9504	0.0001	-0.9997	-0.9997	0.0000
2023-09-10T15:36:13	1	0	1	1	0	1.0361	1.0350	-0.0011	0.9634	0.9656	-0.0022
2023-09-10T15:40:59	1	0	3	4	-1	0.5559	0.6753	0.1194	0.9946	0.9946	0.0000
2023-09-10T15:41:41	1	0	14	13	1	0.9506	0.9514	0.0008	0.9934	0.9934	0.0000
2023-09-10T15:44:34	1	0	8	8	0	0.9383	0.9383	0.0000	0.9985	0.999	-0.0005
2023-09-10T15:45:26	1	0	12	11	1	1.0561	1.0553	-0.0008	-0.9703	-0.9697	-0.0006
2023-09-10T15:46:00	2	0	13	12	1	0.9423	0.9426	0.0002	0.9998	0.9998	0.0000
2023-09-10T15:51:19	7	0	409	386	23	0.8696	0.8744	0.0049	0.9895	0.9913	-0.0018
2023-09-10T15:55:32	1	0	72	69	3	0.9425	0.9426	0.0001	0.9794	0.9794	0.0000
2023-09-10T15:59:33	1	0	2	2	0	0.9920	0.9920	-0.0001	-0.9981	-0.998	-0.0001
2023-09-10T16:00:29	1	0	4	4	0	1.0543	1.0534	-0.0009	-0.9741	-0.9734	-0.0007
2023-09-10T16:00:43	2	0	29	19	10	0.9375	0.9357	-0.0018	0.9984	0.9953	0.0031
2023-09-10T16:06:01	1	0	2	2	0	0.9370	0.9376	0.0007	0.9638	0.954	0.0098
2023-09-10T16:08:24	1	0	13	13	0	1.0359	1.0359	0.0000	-0.9987	-0.9986	-0.0001
2023-09-10T16:11:04	1	0	4	4	0	0.7239	0.7236	-0.0003	0.995	0.9949	0.0001
2023-09-10T16:15:31	1	0	10	8	2	1.0556	1.0549	-0.0007	-0.9712	-0.9707	-0.0005
2023-09-10T16:15:54	1	0	27	27	0	0.9406	0.9408	0.0001	0.9979	0.9973	0.0006
2023-09-10T16:18:58	2	0	49	49	0	0.9354	0.9354	0.0000	0.9731	0.9732	-0.0001
2023-09-10T16:22:18	1	0	5	5	0	0.9982	0.9988	0.0006	0.9989	0.999	-0.0001
2023-09-10T16:30:34	1	0	4	4	0	1.0544	1.0538	-0.0006	-0.9704	-0.9696	-0.0008
2023-09-10T16:37:22	1	0	2	2	0	1.0237	1.0234	-0.0004	0.999	0.9989	0.0001
2023-09-10T16:45:37	1	0	9	9	0	1.0554	1.0551	-0.0004	-0.9709	-0.9702	-0.0007
2023-09-10T17:05:06	1	0	51	50	1	0.9239	0.9242	0.0003	0.9959	0.996	-0.0001
2023-09-10T17:05:06	1	0	84	84	0	0.9251	0.9253	0.0002	0.9493	0.9523	-0.0030
2023-09-10T17:15:41	1	0	7	7	0	1.0547	1.0546	-0.0001	-0.962	-0.9609	-0.0011
2023-09-10T17:51:16	1	0	308	308	0	0.8302	0.8302	0.0000	0.9072	0.9072	0.0000
2023-09-10T17:57:23	1	0	31	31	0	0.9396	0.9396	0.0000	0.9928	0.9928	0.0000
2023-09-10T18:06:17	1	0	327	327	0	0.8654	0.8655	0.0000	0.9033	0.9033	0.0000
2023-09-10T18:31:30	1	0	35	35	0	0.9349	0.9350	0.0001	0.9966	0.9966	0.0000
2023-09-11T08:13:34	2	0	1	0	1	1.0327	null	null	-0.9938	-0.9938	0.0000
2023-09-11T08:14:10	1	0	60	57	3	1.0534	1.0533	-0.0002	-0.9182	-0.9177	-0.0005
2023-09-11T08:25:35	1	0	1	1	0	1.0315	1.0312	-0.0003	-0.9699	-0.9695	-0.0004
2023-09-11T08:36:44	1	0	1	1	0	0.9362	0.9366	0.0004	-0.9998	-0.9997	-0.0001

2023-09-11T08:39:38	1	0	90	89	1	0.9389	0.9390	0.0001	-0.9997	-0.9997	0.0000
2023-09-11T08:44:13	1	0	40	40	0	1.0514	1.0513	-0.0001	-0.9183	-0.9177	-0.0006
2023-09-11T08:49:57	2	0	277	276	1	0.8855	0.8855	0.0000	0.8648	0.8648	0.0000
2023-09-11T08:59:15	1	0	60	58	2	1.0533	1.0531	-0.0002	-0.9194	-0.9189	-0.0005
2023-09-11T09:02:49	2	0	40	39	1	1.0555	1.0554	-0.0001	0.9636	0.9635	0.0001
2023-09-11T09:03:30	1	0	4	4	0	0.9771	0.9769	-0.0001	0.9791	0.979	0.0001
2023-09-11T09:05:15	2	0	6	6	0	0.9974	0.9973	-0.0001	0.9736	0.9736	0.0000
2023-09-11T09:14:44	1	0	1	1	0	0.9423	0.9427	0.0004	0.9838	0.9839	-0.0001
2023-09-11T09:18:31	2	0	2	2	0	0.9403	0.9408	0.0005	0.9735	0.9736	-0.0001
2023-09-11T09:20:24	1	0	41	37	4	0.9433	0.9435	0.0003	0.9977	0.998	-0.0003
2023-09-11T09:27:35	1	0	1	1	0	1.0231	1.0228	-0.0003	0.999	0.999	0.0000
2023-09-11T09:28:39	2	0	1	1	0	1.0343	1.0341	-0.0002	-0.9958	-0.9958	0.0000
2023-09-11T09:29:54	4	0	20	22	-2	1.0503	1.0498	-0.0004	-0.998	-0.998	0.0000
2023-09-11T09:33:18	1	0	4	4	0	0.9641	0.9642	0.0001	0.9621	0.9624	-0.0003
2023-09-11T09:35:20	2	0	41	25	16	1.0545	1.0539	-0.0006	0.9695	0.9693	0.0002
2023-09-11T09:39:42	1	0	79	78	1	0.9391	0.9393	0.0002	1	1	0.0000
2023-09-11T09:43:17	1	0	1	1	0	1.0224	1.0219	-0.0005	0.9846	0.9846	0.0000
2023-09-11T09:44:00	1	0	3	3	0	1.0398	1.0396	-0.0002	-0.9991	-0.9992	0.0001
2023-09-11T09:45:26	9	0	3	2	1	0.9433	0.9436	0.0003	0.9996	0.9997	-0.0001
2023-09-11T09:45:40	1	0	1	1	0	0.8086	0.8089	0.0003	0.9833	0.9829	0.0004
2023-09-11T09:45:43	1	0	33	33	0	1.0592	1.0589	-0.0003	0.992	0.9917	0.0003
2023-09-11T09:48:36	1	0	3	3	0	0.9384	0.9391	0.0006	0.9568	0.9574	-0.0006
2023-09-11T09:48:42	1	0	114	110	4	0.9337	0.9340	0.0003	0.9969	0.9969	0.0000
2023-09-11T09:49:57	1	0	4	4	0	1.0351	1.0347	-0.0004	0.9698	0.9695	0.0003
2023-09-11T09:50:03	1	0	133	133	0	0.9075	0.9076	0.0001	0.8933	0.8934	-0.0001
2023-09-11T09:50:21	1	0	60	59	1	1.0560	1.0560	0.0000	0.9685	0.9685	0.0000
2023-09-11T09:53:21	3	0	73	70	3	0.9313	0.9320	0.0007	0.998	0.9981	-0.0001
2023-09-11T09:55:12	1	0	17	17	0	0.7921	0.7923	0.0001	0.9709	0.9693	0.0016
2023-09-11T09:55:32	1	0	7	7	0	1.0875	1.0875	0.0000	0.9914	0.9914	0.0000
2023-09-11T09:58:20	1	0	2	2	0	1.0096	1.0091	-0.0006	-0.995	-0.9939	-0.0011
2023-09-11T09:59:25	1	0	31	29	2	1.0500	1.0494	-0.0006	-0.9336	-0.9331	-0.0005
2023-09-11T10:00:11	2	0	13	13	0	1.0398	1.0398	0.0000	-0.9995	-0.9995	0.0000
2023-09-11T10:00:41	1	0	1	1	0	0.8098	0.8098	0.0000	0.9827	0.9823	0.0004
2023-09-11T10:03:21	1	0	2	2	0	0.9264	0.9264	0.0000	0.9578	0.9581	-0.0003
2023-09-11T10:03:42	1	0	1	2	-1	0.9270	0.9912	0.0642	0.9688	0.969	-0.0002
2023-09-11T10:05:04	4	0	328	325	3	0.8772	0.8775	0.0003	0.8602	0.86	0.0002
2023-09-11T10:05:06	2	0	2	2	0	1.0468	1.0462	-0.0006	-0.7917	-0.7924	0.0007
2023-09-11T10:05:07	1	0	1	1	0	1.0322	1.0318	-0.0004	0.9731	0.9683	0.0048
2023-09-11T10:05:21	1	0	2	2	0	1.0238	1.0227	-0.0011	-0.9995	-0.9996	0.0001
2023-09-11T10:05:22	2	0	55	41	14	1.0558	1.0551	-0.0007	0.9665	0.9662	0.0003
2023-09-11T10:07:44	2	0	1	0	1	1.0355	null	null	-0.9985	-0.9985	0.0000
2023-09-11T10:08:22	3	0	50	48	2	0.9369	0.9377	0.0008	0.998	0.9981	-0.0001
2023-09-11T10:09:39	1	0	8	8	0	1.0238	1.0238	0.0000	0.9554	0.955	0.0004
2023-09-11T10:09:44	1	0	42	29	13	0.9420	0.9420	0.0000	0.9999	0.9999	0.0000
2023-09-11T10:09:57	1	0	3	3	0	1.0154	1.0153	-0.0001	0.9984	0.9984	0.0000
2023-09-11T10:10:33	1	0	7	7	0	1.0916	1.0916	-0.0001	0.9921	0.9921	0.0000
2023-09-11T10:10:54	1	0	5	5	0	1.0175	1.0174	-0.0001	0.9977	0.9977	0.0000
2023-09-11T10:12:19	2	0	1	1	0	0.9894	0.9899	0.0005	0.9993	0.9994	-0.0001
2023-09-11T10:12:38	1	0	1	1	0	1.0267	1.0261	-0.0006	0.9989	0.9988	0.0001
2023-09-11T10:14:09	1	0	3	3	0	1.0391	1.0388	-0.0003	0.9977	0.9975	0.0002
2023-09-11T10:14:48	1	0	42	35	7	0.9421	0.9430	0.0009	0.9927	0.9927	0.0000
2023-09-11T10:15:38	1	0	22	22	0	1.0501	1.0500	-0.0002	0.9998	0.9997	0.0001
2023-09-11T10:15:41	2	0	1	1	0	1.0149	1.0144	-0.0005	0.9583	0.9581	0.0002
2023-09-11T10:15:45	4	0	2	1	1	1.0103	0.9736	-0.0367	0.9991	0.9521	0.0470
2023-09-11T10:16:12	1	0	7	7	0	1.0454	1.0452	-0.0002	-0.999	-0.999	0.0000
2023-09-11T10:17:04	2	0	66	64	2	0.9453	0.9456	0.0003	0.9701	0.9701	0.0000
2023-09-11T10:17:59	2	0	73	69	4	0.9556	0.9556	0.0000	0.9553	0.9553	0.0000
2023-09-11T10:18:44	1	0	161	160	1	0.9333	0.9345	0.0012	0.9965	0.9965	0.0000
2023-09-11T10:19:01	3	0	1	1	0	1.0467	1.0461	-0.0006	0.9995	0.9994	0.0001
2023-09-11T10:20:23	1	0	18	18	0	1.0525	1.0525	0.0000	0.9636	0.9635	0.0001
2023-09-11T10:20:41	2	0	1	1	0	1.0058	1.0048	-0.0010	0.9937	0.993	0.0007
2023-09-11T10:20:45	1	0	2	2	0	1.0333	1.0331	-0.0003	-0.9967	-0.9966	-0.0001
2023-09-11T10:24:40	1	0	6	6	0	1.0223	1.0222	-0.0001	0.9562	0.9558	0.0004
2023-09-11T10:24:44	1	0	1	1	0	1.0599	1.0581	-0.0018	0.9947	0.9955	-0.0008
2023-09-11T10:26:42	1	0	1	1	0	1.0555	1.0551	-0.0004	0.9978	0.9977	0.0001
2023-09-11T10:27:20	1	0	2	2	0	0.9933	0.9935	0.0002	0.9994	0.9994	0.0000
2023-09-11T10:27:56	9	0	42	35	7	1.0548	1.0536	-0.0012	-0.9997	-0.9998	0.0001
2023-09-11T10:29:32	1	0	102	99	3	1.0579	1.0575	-0.0004	-0.9403	-0.941	0.0007
2023-09-11T10:29:49	1	0	77	79	-2	0.9401	0.9402	0.0001	0.9896	0.9896	0.0000
2023-09-11T10:31:40	3	0	1	0	1	1.0355	null	null	0.9749	0.9734	0.0015
2023-09-11T10:32:48	1	0	12	12	0	0.9811	0.9813	0.0002	0.9901	0.9902	-0.0001
2023-09-11T10:33:44	3	0	6	6	0	0.9804	0.9803	-0.0002	0.9626	0.9629	-0.0003
2023-09-11T10:33:58	4	0	14	11	3	0.9429	0.9431	0.0001	-0.9999	-0.9999	0.0000
2023-09-11T10:35:44	1	0	1	1	0	1.0088	1.0074	-0.0014	0.9832	0.9826	0.0006
2023-09-11T10:36:53	1	0	16	11	5	0.9397	0.9387	-0.0009	-0.9999	-0.9989	-0.0010
2023-09-11T10:40:18	1	0	20	20	0	0.7888	0.7890	0.0002	0.9686	0.9668	0.0018
2023-09-11T10:43:44	2	0	31	29	2	1.0550	1.0517	-0.0033	-0.9851	-0.9856	0.0005
2023-09-11T10:45:50	1	0	14	13	1	1.0516	1.0514	-0.0003	0.9995	0.9994	0.0001
2023-09-11T10:49:01	1	0	1	1	0	1.0576	1.0570	-0.0006	0.999	0.999	0.0000
2023-09-11T10:50:10	2	0	440	425	15	0.8827	0.8902	0.0075	0.85	0.8504	-0.0004
2023-09-11T10:51:16	2	0	7	7	0	1.0390	1.0387	-0.0003	-0.9999	-1	0.0001
2023-09-11T10:52:56	1	0	12	11	1	0.9629	0.9637	0.0007	0.9998	0.9999	-0.0001
2023-09-11T10:53:04	9	0	54	55	-1	1.0469	1.0474	0.0006	-0.9999	-0.9999	0.0000
2023-09-11T10:54:47	1	0	2	1	1	1.0565	1.0555	-0.0010	-0.9959	-0.9984	0.0025
2023-09-11T10:59:39	1	0	143	138	5	1.0598	1.0595	-0.0004	-0.9429	-0.9433	0.0004

2023-09-11T10:59:51	1	0	1	0	1	1.0561	null	null	0.9915	0.9915	0.0000
2023-09-11T11:00:39	1	0	9	9	0	0.9429	0.9428	0.0000	1	1	0.0000
2023-09-11T11:04:11	5	0	59	50	9	0.9379	0.9393	0.0015	0.9997	0.9998	-0.0001
2023-09-11T11:05:15	1	0	197	195	2	0.9059	0.9015	-0.0044	0.8818	0.8818	0.0000
2023-09-11T11:06:57	1	0	8	8	0	1.0281	1.0279	-0.0002	0.9706	0.9705	0.0001
2023-09-11T11:08:12	5	0	8	8	0	1.0185	1.0179	-0.0005	0.9983	0.9982	0.0001
2023-09-11T11:08:19	1	0	81	75	6	1.0578	1.0575	-0.0003	1	1	0.0000
2023-09-11T11:10:50	1	0	2	1	1	1.0397	1.0228	-0.0169	0.994	0.9941	-0.0001
2023-09-11T11:11:46	1	0	34	30	4	0.9434	0.9438	0.0004	0.9635	0.9634	0.0001
2023-09-11T11:14:28	1	0	188	188	0	1.0603	1.0602	0.0000	0.9963	0.9962	0.0001
2023-09-11T11:17:37	1	0	1	1	0	1.0587	1.0575	-0.0012	0.9729	0.9727	0.0002
2023-09-11T11:18:48	1	0	217	224	-7	0.9199	0.9204	0.0005	0.9968	0.9967	0.0001
2023-09-11T11:18:53	1	0	3	2	1	1.0175	0.9929	-0.0246	0.9606	0.96	0.0006
2023-09-11T11:20:21	2	0	600	595	5	0.8605	0.8633	0.0028	0.8461	0.8468	-0.0007
2023-09-11T11:20:27	2	0	14	14	0	1.0511	1.0510	-0.0002	0.9615	0.961	0.0005
2023-09-11T11:21:57	1	0	4	4	0	1.0170	1.0169	-0.0002	0.9881	0.9879	0.0002
2023-09-11T11:25:04	1	0	1	0	1	1.0552	null	null	-0.997	-0.997	0.0000
2023-09-11T11:28:08	1	0	8	8	0	1.0164	1.0163	-0.0001	0.9693	0.9692	0.0001
2023-09-11T11:28:54	1	0	5	5	0	1.0418	1.0418	-0.0001	0.9658	0.9656	0.0002
2023-09-11T11:29:37	1	0	4	4	0	1.0446	1.0444	-0.0002	0.998	0.9979	0.0001
2023-09-11T11:29:46	2	0	93	89	4	1.0582	1.0581	-0.0002	-0.9497	-0.9498	0.0001
2023-09-11T11:30:41	1	0	1	2	-1	0.9442	0.9446	0.0004	-0.9999	-0.9999	0.0000
2023-09-11T11:30:46	2	0	2	2	0	1.0392	1.0391	-0.0001	0.9724	0.9724	0.0000
2023-09-11T11:30:57	2	0	4	4	0	1.0507	1.0507	0.0000	0.9989	0.9989	0.0000
2023-09-11T11:30:57	1	0	2	2	0	1.0254	1.0242	-0.0012	0.9861	0.9665	0.0196
2023-09-11T11:33:54	4	0	4	4	0	0.9674	0.9677	0.0003	0.9483	0.9485	-0.0002
2023-09-11T11:35:54	1	0	3	3	0	1.0333	1.0325	-0.0008	-0.9988	-0.9989	0.0001
2023-09-11T11:36:04	1	0	2	2	0	1.0298	1.0297	-0.0002	0.9735	0.9734	0.0001
2023-09-11T11:36:17	1	0	2	2	0	1.0332	1.0330	-0.0002	-0.999	-0.999	0.0000
2023-09-11T11:36:36	2	0	6	6	0	1.0416	1.0415	-0.0001	0.9927	0.9924	0.0003
2023-09-11T11:37:54	1	0	1	1	0	0.9669	0.9673	0.0004	0.9622	0.9623	-0.0001
2023-09-11T11:39:45	2	0	4	5	-1	1.0265	1.0243	-0.0022	0.9613	0.9614	-0.0001
2023-09-11T11:40:21	1	0	2	1	1	1.0579	1.0574	-0.0005	-0.9972	-0.9973	0.0001
2023-09-11T11:40:30	1	0	6	6	0	0.7653	0.7653	0.0000	0.9771	0.9771	0.0000
2023-09-11T11:40:46	2	0	2	2	0	0.9627	0.9631	0.0004	0.9767	0.9754	0.0013
2023-09-11T11:40:48	1	0	1	0	1	0.9447	null	null	-0.9879	-0.9878	-0.0001
2023-09-11T11:43:55	1	0	3	3	0	1.0490	1.0490	0.0000	0.9646	0.9699	-0.0053
2023-09-11T11:44:41	1	0	4	4	0	1.0450	1.0449	-0.0001	0.9978	0.9977	0.0001
2023-09-11T11:44:49	2	0	76	74	2	1.0568	1.0567	-0.0001	-0.9567	-0.9564	-0.0003
2023-09-11T11:45:47	2	0	1	1	0	1.0594	1.0594	0.0000	0.9703	0.9704	-0.0001
2023-09-11T11:45:58	2	0	5	5	0	1.0500	1.0500	0.0000	0.9988	0.9988	0.0000
2023-09-11T11:49:22	5	0	5	6	-1	0.9731	0.9708	-0.0023	1	1	0.0000
2023-09-11T11:50:26	2	0	11	11	0	1.0033	1.0032	-0.0001	0.99	0.9899	0.0001
2023-09-11T11:50:29	5	0	5	8	-3	1.0480	1.0471	-0.0009	0.9564	0.9568	-0.0004
2023-09-11T11:50:58	1	0	3	3	0	1.0320	1.0314	-0.0005	-0.9995	-0.9995	0.0000
2023-09-11T11:51:14	1	0	2	2	0	1.0274	1.0274	-0.0001	0.9689	0.9689	0.0000
2023-09-11T11:52:59	1	0	8	8	0	1.0413	1.0413	0.0000	0.9999	0.9999	0.0000
2023-09-11T11:56:31	2	0	2	2	0	1.0692	1.0686	-0.0007	0.9963	0.9962	0.0001
2023-09-11T11:59:48	1	0	4	4	0	1.0466	1.0465	-0.0001	0.9976	0.9976	0.0000
2023-09-11T11:59:53	2	0	85	85	0	1.0579	1.0578	0.0000	-0.952	-0.9516	-0.0004
2023-09-11T12:00:58	1	0	2	2	0	1.0284	1.0281	-0.0003	0.9893	0.9972	-0.0079
2023-09-11T12:01:00	2	0	3	3	0	1.0502	1.0502	0.0000	0.9981	0.9981	0.0000
2023-09-11T12:05:30	5	0	1	2	-1	1.0459	1.0457	-0.0002	0.9557	0.9559	-0.0002
2023-09-11T12:06:44	2	0	13	13	0	1.0479	1.0478	-0.0001	0.9833	0.9834	-0.0001
2023-09-11T12:07:56	1	0	1	1	0	0.9709	0.9710	0.0001	0.9595	0.9597	-0.0002
2023-09-11T12:08:00	1	0	6	6	0	1.0502	1.0502	0.0000	0.9998	0.9998	0.0000
2023-09-11T12:09:47	2	0	4	4	0	1.0343	1.0343	0.0000	0.962	0.9622	-0.0002
2023-09-11T12:10:35	1	0	6	7	-1	0.7539	0.7812	0.0273	0.9761	0.9761	0.0000
2023-09-11T12:12:02	2	0	3	3	0	1.0497	1.0493	-0.0004	0.9921	0.992	0.0001
2023-09-11T12:15:49	2	0	1	1	0	1.0616	1.0616	0.0000	0.9755	0.9756	-0.0001
2023-09-11T12:16:31	1	0	2	2	0	0.9819	0.9820	0.0001	1	-1	0.0000
2023-09-11T12:20:28	2	0	9	9	0	1.0203	1.0203	0.0000	0.989	0.989	0.0000
2023-09-11T12:49:07	4	0	6	5	1	1.0171	1.0087	-0.0085	0.9785	0.9785	0.0000
2023-09-11T12:49:34	3	0	1	1	0	1.0412	1.0412	0.0000	-0.9992	-0.9992	0.0000
2023-09-11T12:51:28	1	0	3	3	0	1.0276	1.0275	-0.0001	0.9728	0.9729	-0.0001
2023-09-11T13:00:08	2	0	71	66	5	1.0556	1.0549	-0.0007	-0.9523	-0.9531	0.0008
2023-09-11T13:05:34	1	0	1	1	0	0.9920	0.9920	0.0000	0.9513	0.9514	-0.0001
2023-09-11T13:06:32	1	0	1	1	0	1.0338	1.0338	0.0000	-0.9997	-0.9997	0.0000
2023-09-11T13:08:43	1	0	14	14	0	1.0169	1.0169	0.0000	0.9986	0.9985	0.0001
2023-09-11T13:15:12	1	0	67	68	-1	1.0550	1.0549	-0.0001	-0.9652	-0.9648	-0.0004
2023-09-11T13:21:11	1	0	3	3	0	1.0322	1.0322	0.0000	-0.9997	-0.9997	0.0000
2023-09-11T13:30:53	4	0	37	36	1	0.9379	0.9379	0.0001	-1	-1	0.0000
2023-09-11T13:31:36	1	0	21	20	1	0.9460	0.9462	0.0002	0.999	0.999	0.0000
2023-09-11T13:36:34	1	0	1	1	0	1.0273	1.0273	0.0000	-1	-1	0.0000
2023-09-11T13:40:50	1	0	3	3	0	1.0195	1.0189	-0.0006	0.9747	0.9746	0.0001
2023-09-11T13:43:17	1	0	8	8	0	0.9925	0.9925	0.0000	0.9673	0.9674	-0.0001
2023-09-11T13:45:17	1	0	52	52	0	1.0540	1.0540	0.0000	-0.969	-0.9686	-0.0004
2023-09-11T13:46:56	2	0	1	0	1	1.0555	null	null	-0.9851	-0.9852	0.0001
2023-09-11T13:50:37	1	0	17	17	0	1.0525	1.0523	-0.0001	0.9826	0.9826	0.0000
2023-09-11T13:53:06	1	0	1	1	0	1.0197	1.0197	0.0000	0.9648	0.9647	0.0001
2023-09-11T13:55:51	1	0	2	3	-1	1.0172	1.0184	0.0012	0.9745	0.9746	-0.0001
2023-09-11T13:55:51	1	0	9	9	0	0.8019	0.8019	0.0001	0.9727	0.9728	-0.0001
2023-09-11T13:56:01	2	0	13	12	1	0.9467	0.9471	0.0003	0.9777	0.9777	0.0000
2023-09-11T14:04:16	1	0	2	2	0	1.0003	1.0001	-0.0002	0.9669	0.9669	0.0000
2023-09-11T14:05:38	2	0	17	17	0	1.0520	1.0519	-0.0001	0.9821	0.9821	0.0000

2023-09-11T14:06:22	1	0	3	3	0	1.0344	1.0337	-0.0008	1	1	0.0000
2023-09-11T14:06:41	1	0	3	3	0	1.0163	1.0163	0.0000	0.9727	0.9727	0.0000
2023-09-11T14:08:12	1	0	35	34	1	0.9602	0.9608	0.0007	0.9998	0.9999	-0.0001
2023-09-11T14:08:47	18	0	10	10	0	1.0051	1.0048	-0.0003	0.9983	0.9978	0.0005
2023-09-11T14:10:14	1	0	86	86	0	0.9465	0.9465	0.0000	0.9965	0.9965	0.0000
2023-09-11T14:10:52	2	0	2	2	0	1.0180	1.0176	-0.0004	0.9747	0.9746	0.0001
2023-09-11T14:10:56	1	0	6	6	0	0.7386	0.7387	0.0000	0.9775	0.9776	-0.0001
2023-09-11T14:12:46	2	0	3	3	0	1.0483	1.0472	-0.0011	0.9954	0.9961	-0.0007
2023-09-11T14:15:03	1	0	4	4	0	1.0198	1.0195	-0.0002	0.9962	0.996	0.0002
2023-09-11T14:15:22	1	0	73	70	3	1.0558	1.0553	-0.0005	-0.9554	-0.9554	0.0000
2023-09-11T14:17:08	1	0	1	0	1	1.0370	null	null	0.9988	0.9987	0.0001
2023-09-11T14:17:08	3	0	1	0	1	0.9449	null	null	0.9987	0.9987	0.0000
2023-09-11T14:18:16	1	0	31	27	4	0.9443	0.9439	-0.0004	0.9299	0.9301	-0.0002
2023-09-11T14:18:35	2	0	3	3	0	1.0220	1.0215	-0.0005	0.9662	0.9659	0.0003
2023-09-11T14:19:17	2	0	2	2	0	1.0017	1.0013	-0.0005	0.9705	0.9703	0.0002
2023-09-11T14:20:29	2	0	4	4	0	1.0505	1.0497	-0.0008	0.9817	0.9813	0.0004
2023-09-11T14:20:37	1	0	7	7	0	1.0305	1.0304	-0.0001	-1	-1	0.0000
2023-09-11T14:20:39	3	0	16	16	0	1.0511	1.0509	-0.0001	0.983	0.9829	0.0001
2023-09-11T14:21:27	1	0	3	3	0	1.0325	1.0315	-0.0011	-1	-1	0.0000
2023-09-11T14:21:37	1	0	1	1	0	1.0309	1.0307	-0.0002	-1	-1	0.0000
2023-09-11T14:21:51	1	0	3	3	0	1.0165	1.0164	-0.0001	0.9696	0.9695	0.0001
2023-09-11T14:23:13	1	0	26	26	0	0.9674	0.9675	0.0001	0.9998	0.9998	0.0000
2023-09-11T14:23:22	1	0	12	11	1	1.0470	1.0460	-0.0009	0.9674	0.9672	0.0002
2023-09-11T14:24:01	8	0	14	13	1	1.0181	1.0151	-0.0030	0.9994	0.9994	0.0000
2023-09-11T14:24:56	1	0	30	30	0	0.9872	0.9872	0.0000	0.9773	0.9773	0.0000
2023-09-11T14:25:15	1	0	56	56	0	0.9516	0.9516	0.0000	0.9965	0.9965	0.0000
2023-09-11T14:25:53	2	0	2	2	0	1.0186	1.0184	-0.0003	0.9747	0.9746	0.0001
2023-09-11T14:26:02	1	0	6	6	0	0.7499	0.7499	0.0000	0.9759	0.9759	0.0000
2023-09-11T14:26:20	2	0	29	26	3	0.9435	0.9440	0.0005	0.9776	0.9777	-0.0001
2023-09-11T14:27:00	1	0	3	3	0	0.9443	0.9443	0.0000	0.9705	0.9705	0.0000
2023-09-11T14:28:01	1	0	2	2	0	1.0588	1.0572	-0.0016	0.9953	0.9951	0.0002
2023-09-11T14:28:26	1	0	7	9	-2	1.0048	1.0085	0.0037	0.9731	0.9732	-0.0001
2023-09-11T14:30:08	1	0	3	3	0	1.0405	1.0402	-0.0003	0.9982	0.9981	0.0001
2023-09-11T14:30:25	1	0	59	56	3	1.0538	1.0532	-0.0005	-0.9634	-0.9635	0.0001
2023-09-11T14:32:09	1	0	1	1	0	1.0381	1.0378	-0.0003	0.9982	0.9982	0.0000
2023-09-11T14:32:09	4	0	1	1	0	0.9395	0.9404	0.0009	0.9985	0.9985	0.0000
2023-09-11T14:33:17	1	0	3	3	0	0.9483	0.9483	0.0001	0.9267	0.9268	-0.0001
2023-09-11T14:34:12	1	0	324	323	1	0.9111	0.9114	0.0003	0.9959	0.9959	0.0000
2023-09-11T14:34:18	2	0	2	2	0	1.0009	1.0007	-0.0003	0.9715	0.9714	0.0001
2023-09-11T14:35:33	2	0	4	4	0	1.0478	1.0472	-0.0006	0.9804	0.9802	0.0002
2023-09-11T14:35:40	3	0	8	8	0	1.0562	1.0559	-0.0003	0.9847	0.9757	0.0090
2023-09-11T14:36:33	1	0	2	2	0	1.0290	1.0279	-0.0011	-0.9999	-1	0.0001
2023-09-11T14:37:03	1	0	1	1	0	1.0270	1.0262	-0.0008	0.9704	0.9706	-0.0002
2023-09-11T14:38:14	1	0	14	14	0	0.9956	0.9957	0.0000	1	-1	0.0000
2023-09-11T14:39:15	4	0	8	8	0	1.0347	1.0346	-0.0001	0.9994	0.999	0.0004
2023-09-11T14:40:54	2	0	1	1	0	1.0221	1.0219	-0.0002	0.9733	0.9728	0.0005
2023-09-11T14:41:08	1	0	7	7	0	0.7712	0.7713	0.0001	0.9768	0.9769	-0.0001
2023-09-11T14:41:29	1	0	31	22	9	0.9421	0.9423	0.0002	0.9769	0.9756	0.0013
2023-09-11T14:41:59	1	0	40	38	2	1.0585	1.0592	0.0006	0.9988	0.9988	0.0000
2023-09-11T14:43:16	1	0	1	1	0	1.0677	1.0658	-0.0019	0.994	0.9939	0.0001
2023-09-11T14:43:27	1	0	8	8	0	1.0061	1.0061	0.0000	0.9766	0.9766	0.0000
2023-09-11T14:45:13	1	0	3	3	0	1.0387	1.0385	-0.0002	0.9978	0.9977	0.0001
2023-09-11T14:45:28	1	0	65	63	2	1.0556	1.0552	-0.0004	-0.9648	-0.9648	0.0000
2023-09-11T14:46:05	1	0	14	10	4	0.9424	0.9423	0.0000	-1	-1	0.0000
2023-09-11T14:46:33	1	0	19	19	0	1.0474	1.0473	-0.0001	-0.9975	-0.9976	0.0001
2023-09-11T14:48:54	2	0	6	6	0	1.0263	1.0262	-0.0002	0.9684	0.9682	0.0002
2023-09-11T14:49:42	5	0	21	18	3	0.9528	0.9552	0.0024	1	1	0.0000
2023-09-11T14:51:39	1	0	1	1	0	1.0260	1.0258	-0.0002	1	1	0.0000
2023-09-11T14:54:16	3	0	15	15	0	1.0197	1.0196	0.0000	0.9991	0.9987	0.0004
2023-09-11T14:55:13	1	0	5	5	0	1.0513	1.0508	-0.0005	0.9898	0.9888	0.0010
2023-09-11T14:55:18	1	0	89	89	0	0.9472	0.9472	0.0000	0.9973	0.9973	0.0000
2023-09-11T14:56:38	1	0	40	31	9	0.9433	0.9439	0.0006	0.9783	0.9784	-0.0001
2023-09-11T14:59:38	1	0	10	10	0	1.0407	1.0406	-0.0001	0.9987	0.9987	0.0000
2023-09-11T15:04:20	1	0	1	2	-1	0.9414	0.9983	0.0569	0.9714	0.9715	-0.0001
2023-09-11T15:07:20	2	0	14	14	0	1.0470	1.0466	-0.0004	0.9988	0.9987	0.0001
2023-09-11T15:09:17	1	0	15	14	1	1.0404	1.0396	-0.0008	0.9994	0.9993	0.0001
2023-09-11T15:10:00	1	0	9	9	0	1.0261	1.0260	-0.0001	0.9653	0.9652	0.0001
2023-09-11T15:16:43	1	0	2	2	0	0.9806	0.9809	0.0003	0.9991	0.9992	-0.0001
2023-09-11T15:16:45	1	0	113	108	5	1.0643	1.0638	-0.0005	-0.9993	-0.9993	0.0000
2023-09-11T15:19:30	1	0	1	1	0	1.0303	1.0300	-0.0003	0.9938	0.9938	0.0000
2023-09-11T15:31:19	1	0	7	7	0	1.0482	1.0481	-0.0001	-0.9266	-0.9307	0.0041
2023-09-11T15:32:30	1	0	8	8	0	1.0125	1.0124	-0.0001	0.9789	0.9787	0.0002
2023-09-11T15:34:22	1	0	2	3	-1	0.9890	1.0113	0.0223	0.9709	0.9712	-0.0003
2023-09-11T15:39:32	1	0	10	10	0	1.0265	1.0265	0.0000	0.9982	0.9969	0.0013
2023-09-11T15:46:08	1	0	24	24	0	0.9445	0.9445	0.0000	0.9658	0.9658	0.0000
2023-09-11T15:48:12	1	0	1	0	1	1.0614	null	null	0.9804	0.9802	0.0002
2023-09-11T15:54:33	1	0	11	11	0	1.0009	1.0009	0.0000	0.9979	0.9966	0.0013
2023-09-11T15:59:10	1	0	1	1	0	1.0194	1.0191	-0.0003	0.9962	0.9963	-0.0001
2023-09-11T16:16:19	1	0	1	1	0	1.0294	1.0287	-0.0007	0.989	0.9891	-0.0001
2023-09-11T16:19:05	1	0	13	12	1	0.9587	0.9604	0.0017	0.9561	0.9561	0.0000
2023-09-11T16:28:44	1	0	1	1	0	1.0149	1.0145	-0.0004	0.9893	0.9893	0.0000
2023-09-11T16:29:57	1	0	7	7	0	1.0413	1.0413	0.0000	0.999	0.9989	0.0001
2023-09-11T16:50:46	2	0	10	10	0	0.9969	0.9968	0.0000	0.9875	0.9876	-0.0001
2023-09-11T16:59:13	3	0	65	64	1	0.9510	0.9512	0.0002	0.9935	0.9958	-0.0023
2023-09-11T17:34:16	1	0	44	31	13	0.9499	0.9504	0.0005	0.9577	0.9582	-0.0005

2023-09-12T08:00:27	1	0	9	9	0	0.9727	0.9727	0.0000	-0.9999	-0.9999	0.0000
2023-09-12T08:10:06	1	0	58	58	0	0.9395	0.9395	0.0001	0.97	0.9697	0.0003
2023-09-12T08:13:43	2	0	3	3	0	1.0282	1.0281	-0.0002	-0.993	-0.9932	0.0002
2023-09-12T08:14:17	1	0	48	47	1	1.0515	1.0514	-0.0001	-0.8706	-0.8699	-0.0007
2023-09-12T08:31:43	1	0	50	50	0	1.0539	1.0538	0.0000	0.9848	0.9849	-0.0001
2023-09-12T08:33:35	1	0	14	14	0	0.9434	0.9436	0.0002	0.9402	0.9392	0.0010
2023-09-12T08:36:51	1	0	1	1	0	0.9416	0.9419	0.0003	-0.9937	-0.9936	-0.0001
2023-09-12T08:43:00	2	0	8	8	0	0.9721	0.9722	0.0002	0.9584	0.9585	-0.0001
2023-09-12T08:55:44	1	0	1	1	0	1.0290	1.0285	-0.0005	-0.9537	-0.9532	-0.0005
2023-09-12T08:58:46	1	0	2	2	0	1.0299	1.0298	-0.0001	-0.9954	-0.9954	0.0000
2023-09-12T09:05:52	2	0	5	5	0	1.0009	1.0008	-0.0001	0.9694	0.9694	0.0000
2023-09-12T09:10:01	1	0	4	4	0	1.0268	1.0266	-0.0001	0.9697	0.9698	-0.0001
2023-09-12T09:14:44	1	0	163	158	5	1.0559	1.0559	0.0000	0.9991	0.999	0.0001
2023-09-12T09:18:38	2	0	4	4	0	0.9416	0.9421	0.0004	0.9477	0.9479	-0.0002
2023-09-12T09:27:49	1	0	2	2	0	1.0309	1.0307	-0.0002	0.9999	0.9999	0.0000
2023-09-12T09:29:14	1	0	2	2	0	1.0246	1.0244	-0.0003	-0.9843	-0.9846	0.0003
2023-09-12T09:29:52	1	0	2	2	0	0.9491	0.9497	0.0006	0.9801	0.9802	-0.0001
2023-09-12T09:33:43	1	0	1	1	0	0.9395	0.9399	0.0004	0.9529	0.9532	-0.0003
2023-09-12T09:35:35	1	0	3	4	-1	1.0289	1.0303	0.0014	0.9986	0.9977	0.0009
2023-09-12T09:44:25	1	0	25	25	0	1.0480	1.0479	-0.0001	-0.8926	-0.8918	-0.0008
2023-09-12T09:45:49	1	0	1	1	0	0.8296	0.8299	0.0003	0.9849	0.9849	0.0000
2023-09-12T09:47:19	1	0	6	6	0	1.0141	1.0141	0.0000	0.989	0.989	0.0000
2023-09-12T09:50:05	1	0	3	3	0	1.0317	1.0313	-0.0004	0.966	0.9629	0.0031
2023-09-12T09:50:12	1	0	27	27	0	0.9400	0.9400	0.0000	0.9047	0.9043	0.0004
2023-09-12T09:50:52	1	0	2	2	0	1.0069	1.0068	-0.0002	0.9988	0.9986	0.0002
2023-09-12T09:53:33	3	0	76	72	4	0.9317	0.9324	0.0007	0.9942	0.9943	-0.0001
2023-09-12T09:55:37	1	0	4	4	0	1.1171	1.1170	-0.0001	0.995	0.9949	0.0001
2023-09-12T09:59:27	2	0	77	75	2	1.0565	1.0561	-0.0004	-0.8899	-0.8906	0.0007
2023-09-12T09:59:54	1	0	1	1	0	0.9436	0.9436	0.0000	0.9822	0.9822	0.0000
2023-09-12T10:00:50	1	0	1	1	0	0.8364	0.8364	0.0000	0.985	0.9849	0.0001
2023-09-12T10:02:20	1	0	9	9	0	0.9889	0.9890	0.0001	0.988	0.988	0.0000
2023-09-12T10:03:44	2	0	52	45	7	0.9459	0.9463	0.0004	0.9386	0.9388	-0.0002
2023-09-12T10:03:50	2	0	125	121	4	0.9135	0.9140	0.0005	0.9999	0.9999	0.0000
2023-09-12T10:05:14	1	0	3	3	0	1.0120	1.0115	-0.0005	0.9649	0.968	-0.0031
2023-09-12T10:05:15	3	0	156	155	1	0.9053	0.9054	0.0001	0.8726	0.8724	0.0002
2023-09-12T10:05:44	6	0	6	7	-1	1.0325	1.0316	-0.0009	0.9962	0.9948	0.0014
2023-09-12T10:06:57	1	0	10	8	2	0.9396	0.9397	0.0001	-0.9975	-0.9972	-0.0003
2023-09-12T10:07:05	1	0	5	5	0	0.9897	0.9895	-0.0001	0.9635	0.9635	0.0000
2023-09-12T10:07:58	1	0	3	3	0	0.9760	0.9763	0.0003	-1	-0.9999	-0.0001
2023-09-12T10:08:34	3	0	63	57	6	0.9337	0.9345	0.0008	0.9955	0.9956	-0.0001
2023-09-12T10:10:03	1	0	11	11	0	1.0189	1.0188	0.0000	0.9997	0.9997	0.0000
2023-09-12T10:10:20	1	0	4	4	0	0.8895	0.8896	0.0000	0.9743	0.9746	-0.0003
2023-09-12T10:10:28	1	0	17	16	1	1.0525	1.0523	-0.0002	0.999	0.999	0.0000
2023-09-12T10:10:38	1	0	16	16	0	1.0661	1.0661	0.0000	0.9928	0.9928	0.0000
2023-09-12T10:12:01	1	0	78	76	2	0.9120	0.9114	-0.0006	1	1	0.0000
2023-09-12T10:12:27	2	0	2	2	0	0.9924	0.9927	0.0002	0.9998	0.9998	0.0000
2023-09-12T10:13:06	1	0	7	7	0	1.0044	1.0043	-0.0001	0.9703	0.9702	0.0001
2023-09-12T10:13:51	2	0	1	0	1	1.0332	null	null	-0.9989	-0.9989	0.0000
2023-09-12T10:14:23	1	0	3	3	0	1.0445	1.0442	-0.0003	-0.9891	-0.9895	0.0004
2023-09-12T10:15:46	1	0	15	15	0	1.0543	1.0540	-0.0003	0.9984	0.9984	0.0000
2023-09-12T10:15:54	1	0	7	7	0	1.0481	1.0481	0.0000	0.993	0.9774	0.0156
2023-09-12T10:16:11	1	0	5	5	0	1.0409	1.0406	-0.0003	-0.9961	-0.9961	0.0000
2023-09-12T10:16:34	1	0	22	21	1	1.0582	1.0579	-0.0003	0.9938	0.9936	0.0002
2023-09-12T10:16:54	1	0	197	195	2	1.0634	1.0633	-0.0001	0.9963	0.9963	0.0000
2023-09-12T10:17:13	1	0	11	11	0	0.9659	0.9659	0.0000	0.9886	0.9884	0.0002
2023-09-12T10:18:11	2	0	44	41	3	0.9870	0.9847	-0.0022	0.9529	0.9529	0.0000
2023-09-12T10:19:08	3	0	2	2	0	1.0460	1.0454	-0.0006	0.9992	0.9991	0.0001
2023-09-12T10:20:53	1	0	2	2	0	1.0336	1.0333	-0.0003	-0.9995	-0.9995	0.0000
2023-09-12T10:20:54	2	0	1	0	1	1.0055	null	null	0.9957	0.9952	0.0005
2023-09-12T10:27:28	1	0	2	2	0	0.9938	0.9940	0.0003	1	1	0.0000
2023-09-12T10:27:53	1	0	1	1	0	1.0255	1.0249	-0.0006	0.9995	0.9995	0.0000
2023-09-12T10:28:08	1	0	6	6	0	0.9965	0.9966	0.0001	0.9725	0.9725	0.0000
2023-09-12T10:30:37	1	0	28	27	1	0.9387	0.9393	0.0005	0.998	0.9981	-0.0001
2023-09-12T10:34:56	2	0	4	4	0	1.0488	1.0480	-0.0008	0.9976	0.9974	0.0002
2023-09-12T10:37:55	1	0	1	1	0	1.0580	1.0576	-0.0004	0.9686	0.9683	0.0003
2023-09-12T10:39:33	1	0	6	6	0	1.0341	1.0340	-0.0002	0.9637	0.9633	0.0004
2023-09-12T10:40:30	1	0	13	11	2	1.0534	1.0530	-0.0005	0.9972	0.9971	0.0001
2023-09-12T10:41:01	1	0	4	4	0	1.0298	1.0288	-0.0010	0.9927	0.9924	0.0003
2023-09-12T10:41:50	1	0	1	0	1	1.0552	null	null	0.9979	0.9978	0.0001
2023-09-12T10:44:24	1	0	8	8	0	0.9459	0.9461	0.0001	0.9926	0.9926	0.0000
2023-09-12T10:45:59	1	0	6	6	0	1.0508	1.0505	-0.0003	0.9967	0.9966	0.0001
2023-09-12T10:47:35	1	0	1	0	1	1.0551	null	null	0.9814	0.9814	0.0000
2023-09-12T10:49:27	1	0	136	136	0	0.9008	0.9009	0.0001	0.9997	0.9997	0.0000
2023-09-12T10:50:47	1	0	2	1	1	1.0400	1.0429	0.0028	0.9981	0.9971	0.0010
2023-09-12T10:52:53	3	0	4	2	2	1.0375	1.0373	-0.0003	-0.9956	-0.9959	0.0003
2023-09-12T10:56:51	1	0	2	2	0	1.0590	1.0587	-0.0003	0.9973	0.9972	0.0001
2023-09-12T10:56:53	1	0	19	19	0	0.9538	0.9538	0.0000	0.9709	0.9708	0.0001
2023-09-12T10:56:54	1	0	6	6	0	0.9561	0.9560	-0.0001	0.9794	0.9787	0.0007
2023-09-12T10:58:54	3	0	2	2	0	1.0332	1.0317	-0.0016	-0.9971	-0.9973	0.0002
2023-09-12T11:04:08	5	0	6	4	2	0.9476	0.9508	0.0032	-0.9996	-0.9995	-0.0001
2023-09-12T11:04:13	1	0	1	1	0	1.0339	1.0335	-0.0004	0.9972	0.9971	0.0001
2023-09-12T11:04:47	8	0	226	34	192	0.7892	0.9697	0.1804	0.9962	0.9999	-0.0037
2023-09-12T11:05:02	2	0	10	9	1	0.9409	0.9416	0.0007	0.9694	0.9695	-0.0001
2023-09-12T11:05:23	2	0	354	345	9	0.8640	0.8697	0.0057	0.8416	0.8427	-0.0011
2023-09-12T11:05:28	4	0	19	18	1	0.9350	0.9412	0.0062	0.9943	0.9947	-0.0004

2023-09-12T11:06:00	7	0	11	9	2	1.0445	1.0418	-0.0027	0.9996	0.9996	0.0000
2023-09-12T11:16:35	1	0	1	1	0	0.9401	0.9416	0.0015	-1	-1	0.0000
2023-09-12T11:16:45	1	0	1	0	1	1.0313	null	null	-0.9992	-0.9993	0.0001
2023-09-12T11:17:04	1	0	1	1	0	1.0372	1.0364	-0.0008	-1	-1	0.0000
2023-09-12T11:17:37	1	0	1	0	1	1.0557	null	null	0.9713	0.9712	0.0001
2023-09-12T11:18:59	3	0	5	3	2	1.0177	0.9876	-0.0301	0.9647	0.9639	0.0008
2023-09-12T11:19:13	1	0	1	1	0	1.0575	1.0572	-0.0003	0.9958	0.9957	0.0001
2023-09-12T11:21:14	7	0	11	9	2	1.0455	1.0453	-0.0003	0.9994	0.9993	0.0001
2023-09-12T11:21:54	2	0	4	4	0	1.0475	1.0473	-0.0002	-0.9997	-0.9997	0.0000
2023-09-12T11:22:06	1	0	4	4	0	1.0015	1.0011	-0.0005	0.9993	0.9993	0.0000
2023-09-12T11:22:06	1	0	5	5	0	1.0276	1.0275	-0.0001	0.9725	0.9725	0.0000
2023-09-12T11:28:13	4	0	10	10	0	0.9789	0.9796	0.0007	0.9546	0.9548	-0.0002
2023-09-12T11:28:56	3	0	1	2	-1	1.0330	1.0316	-0.0014	-0.9987	-0.9987	0.0000
2023-09-12T11:29:35	1	0	3	3	0	1.0552	1.0550	-0.0002	-0.998	-0.9981	0.0001
2023-09-12T11:29:47	1	0	46	43	3	1.0517	1.0511	-0.0006	-0.9208	-0.923	0.0022
2023-09-12T11:30:00	2	0	39	39	0	0.9428	0.9426	-0.0001	0.9722	0.9723	-0.0001
2023-09-12T11:31:59	2	0	1	0	1	1.0554	null	null	-0.9861	-0.9861	0.0000
2023-09-12T11:32:26	2	0	5	5	0	1.0141	1.0141	0.0000	0.9958	0.9958	0.0000
2023-09-12T11:32:38	1	0	1	1	0	1.0585	1.0582	-0.0003	0.9701	0.9701	0.0000
2023-09-12T11:33:23	1	0	1	0	1	1.0551	null	null	0.9997	0.9997	0.0000
2023-09-12T11:34:00	3	0	4	4	0	0.9663	0.9666	0.0003	0.955	0.9552	-0.0002
2023-09-12T11:35:11	5	0	72	69	3	0.9185	0.9195	0.0010	0.9983	0.9885	0.0098
2023-09-12T11:35:27	2	0	4	4	0	1.0494	1.0491	-0.0003	0.9954	0.9953	0.0001
2023-09-12T11:36:15	1	0	2	2	0	1.0142	1.0141	-0.0001	0.9601	0.96	0.0001
2023-09-12T11:36:27	15	0	4	5	-1	1.0469	1.0467	-0.0002	0.999	0.999	0.0000
2023-09-12T11:36:34	1	0	2	2	0	1.0288	1.0288	0.0000	-1	-1	0.0000
2023-09-12T11:37:12	1	0	4	4	0	1.0050	1.0045	-0.0006	-0.9993	-0.9994	0.0001
2023-09-12T11:37:18	1	0	1	1	0	0.9367	0.9367	0.0000	0.9465	0.9466	-0.0001
2023-09-12T11:40:14	1	0	12	12	0	1.0165	1.0165	0.0000	0.9987	0.9987	0.0000
2023-09-12T11:40:44	1	0	6	6	0	1.1121	1.1120	-0.0001	0.9868	0.9867	0.0001
2023-09-12T11:40:45	1	0	3	3	0	0.8553	0.8553	0.0000	0.9758	0.9759	-0.0001
2023-09-12T11:40:55	2	0	1	0	1	1.0237	null	null	-0.9733	-0.9735	0.0002
2023-09-12T11:41:57	1	0	5	5	0	0.9404	0.9404	0.0000	0.9794	0.9795	-0.0001
2023-09-12T11:42:14	1	0	2	2	0	1.0622	1.0608	-0.0013	0.9982	0.9991	-0.0009
2023-09-12T11:44:28	1	0	30	31	-1	0.9365	0.9367	0.0003	0.9876	0.9875	0.0001
2023-09-12T11:44:40	1	0	3	3	0	1.0540	1.0538	-0.0002	-0.998	-0.9981	0.0001
2023-09-12T11:44:51	1	0	37	36	1	1.0509	1.0505	-0.0004	-0.9448	-0.9463	0.0015
2023-09-12T11:46:18	1	0	3	3	0	1.0509	1.0505	-0.0004	0.9993	0.9993	0.0000
2023-09-12T11:46:37	1	0	2	2	0	1.0278	1.0278	0.0000	-1	-1	0.0000
2023-09-12T11:47:06	2	0	5	5	0	1.0412	1.0410	-0.0001	1	1	0.0000
2023-09-12T11:47:19	1	0	8	8	0	1.0408	1.0407	-0.0001	0.9995	-0.9998	-0.0007
2023-09-12T11:50:38	4	0	20	19	1	1.0524	1.0519	-0.0005	0.9644	0.9641	0.0003
2023-09-12T11:50:40	3	0	1	1	0	1.0404	1.0399	-0.0005	0.9957	0.9984	-0.0027
2023-09-12T11:51:44	16	0	7	9	-2	1.0314	1.0348	0.0034	0.9982	0.9976	0.0006
2023-09-12T11:52:03	2	0	5	6	-1	1.0261	1.0310	0.0049	-0.9995	-0.9995	0.0000
2023-09-12T11:52:19	1	0	1	1	0	0.9350	0.9350	0.0000	0.9428	0.943	-0.0002
2023-09-12T11:53:22	5	0	5	5	0	1.0184	1.0181	-0.0003	0.9972	0.9972	0.0000
2023-09-12T11:56:58	1	0	26	26	0	0.9334	0.9334	0.0000	0.9767	0.977	-0.0003
2023-09-12T11:57:42	1	0	6	6	0	1.0411	1.0410	-0.0001	0.9968	0.9968	0.0000
2023-09-12T11:58:22	4	0	6	6	0	1.0242	1.0241	-0.0001	0.9659	0.9658	0.0001
2023-09-12T11:59:54	1	0	36	37	-1	1.0506	1.0507	0.0000	-0.948	-0.9489	0.0009
2023-09-12T12:01:23	1	0	4	4	0	1.0506	1.0506	0.0000	0.9991	0.9991	0.0000
2023-09-12T12:01:38	1	0	2	2	0	1.0197	1.0197	0.0000	0.9999	0.9999	0.0000
2023-09-12T12:06:54	8	0	4	5	-1	1.0193	1.0266	0.0073	0.9979	0.998	-0.0001
2023-09-12T12:07:18	1	0	3	3	0	1.0066	1.0063	-0.0003	-0.9942	-0.9943	0.0001
2023-09-12T12:07:20	1	0	1	1	0	0.9410	0.9410	0.0000	0.9463	0.9461	0.0002
2023-09-12T12:11:59	1	0	2	2	0	0.9374	0.9374	0.0000	0.9827	0.9827	0.0000
2023-09-12T12:12:48	1	0	2	2	0	1.0393	1.0386	-0.0008	1	1	0.0000
2023-09-12T12:13:13	1	0	4	4	0	1.0054	1.0051	-0.0003	0.9928	0.9928	0.0000
2023-09-12T12:17:29	2	0	4	4	0	1.0134	1.0133	0.0000	0.9959	0.9959	0.0000
2023-09-12T12:19:11	4	0	18	17	1	0.9493	0.9496	0.0003	0.9438	0.9438	0.0000
2023-09-12T12:27:00	2	0	4	4	0	0.9948	0.9946	-0.0002	0.9827	0.9825	0.0002
2023-09-12T12:32:42	1	0	1	0	1	1.0613	null	null	0.9699	0.97	-0.0001
2023-09-12T12:38:06	1	0	1	1	0	0.9692	0.9698	0.0006	0.9569	0.9572	-0.0003
2023-09-12T12:44:03	1	0	9	9	0	0.9786	0.9808	0.0022	0.9927	0.9927	0.0000
2023-09-12T12:44:48	1	0	2	2	0	1.0672	1.0672	0.0000	-1	-1	0.0000
2023-09-12T12:45:05	1	0	23	23	0	0.9412	0.9412	0.0000	0.9792	0.9792	0.0000
2023-09-12T13:01:42	1	0	3	3	0	0.9683	0.9688	0.0005	0.9985	0.9986	-0.0001
2023-09-12T13:02:14	1	0	1	1	0	1.0555	1.0554	-0.0001	0.9999	0.9999	0.0000
2023-09-12T13:02:44	1	0	1	1	0	1.0566	1.0557	-0.0009	0.9656	0.9656	0.0000
2023-09-12T13:07:05	1	0	9	9	0	1.0088	1.0088	0.0000	0.9954	0.9954	0.0000
2023-09-12T13:14:35	1	0	6	6	0	0.9396	0.9396	0.0000	0.993	0.9929	0.0001
2023-09-12T13:16:43	1	0	4	5	-1	0.9582	0.9551	-0.0031	0.998	0.998	0.0000
2023-09-12T13:17:15	1	0	1	1	0	1.0411	1.0411	0.0000	1	1	0.0000
2023-09-12T13:21:31	1	0	2	2	0	1.0105	1.0103	-0.0003	0.9459	0.9512	-0.0053
2023-09-12T13:32:11	1	0	1	1	0	0.9436	0.9436	0.0000	0.9998	0.9998	0.0000
2023-09-12T13:38:12	1	0	1	2	-1	0.9646	0.9685	0.0039	0.9536	0.953	0.0006
2023-09-12T13:44:05	2	0	1	0	1	1.0311	null	null	-0.9985	-0.9983	-0.0002
2023-09-12T13:45:13	1	0	69	67	2	1.0549	1.0547	-0.0002	-0.9678	-0.9677	-0.0001
2023-09-12T13:46:45	1	0	7	7	0	0.9544	0.9545	0.0001	0.9969	0.9969	0.0000
2023-09-12T13:47:17	1	0	1	1	0	1.0381	1.0378	-0.0003	0.9999	0.9999	0.0000
2023-09-12T13:50:46	2	0	18	14	4	1.0415	1.0405	-0.0010	0.9552	0.9465	0.0087
2023-09-12T13:50:48	3	0	15	15	0	0.9405	0.9406	0.0001	0.9847	0.9787	0.0060
2023-09-12T13:52:08	8	0	22	21	1	0.9539	0.9462	-0.0077	0.995	0.995	0.0000
2023-09-12T14:07:11	1	0	16	16	0	0.9471	0.9473	0.0001	0.9947	0.9948	-0.0001

2023-09-12T14:08:31	5	0	8	8	0	1.0220	1.0220	0.0000	0.9983	0.9983	0.0000
2023-09-12T14:10:24	1	0	14	14	0	0.9948	0.9948	0.0000	0.9988	0.9988	0.0000
2023-09-12T14:10:58	1	0	14	14	0	0.9377	0.9377	0.0000	0.981	0.981	0.0000
2023-09-12T14:12:21	1	0	2	2	0	1.0455	1.0455	0.0000	-0.9983	-0.9983	0.0000
2023-09-12T14:15:13	2	0	102	97	5	0.9369	0.9372	0.0002	0.976	0.976	0.0000
2023-09-12T14:15:18	1	0	55	52	3	1.0547	1.0542	-0.0005	-0.9716	-0.9715	-0.0001
2023-09-12T14:15:20	1	0	17	17	0	0.9749	0.9743	-0.0005	0.9889	0.9899	-0.0010
2023-09-12T14:15:39	4	0	2	2	0	1.0183	1.0191	0.0008	0.991	0.9909	0.0001
2023-09-12T14:16:32	1	0	5	5	0	1.0497	1.0494	-0.0003	0.9996	0.9996	0.0000
2023-09-12T14:16:47	2	0	31	31	0	0.9465	0.9467	0.0002	0.9956	0.9957	-0.0001
2023-09-12T14:16:50	1	0	26	26	0	1.0582	1.0580	-0.0002	0.9868	0.9867	0.0001
2023-09-12T14:17:23	3	0	1	1	0	0.9376	0.9382	0.0006	0.9993	0.9994	-0.0001
2023-09-12T14:18:22	1	0	2	2	0	0.9383	0.9385	0.0002	0.9184	0.9185	-0.0001
2023-09-12T14:19:24	3	0	3	3	0	0.9825	0.9822	-0.0003	0.9598	0.9597	0.0001
2023-09-12T14:20:48	1	0	40	10	30	0.9267	1.0170	0.0902	0.9538	0.9396	0.0142
2023-09-12T14:21:42	1	0	3	3	0	1.0146	1.0143	-0.0003	0.9627	0.9572	0.0055
2023-09-12T14:22:01	1	0	14	14	0	1.0491	1.0486	-0.0004	0.9015	0.8993	0.0022
2023-09-12T14:22:12	4	0	24	23	1	0.9584	0.9522	-0.0062	0.9947	0.9947	0.0000
2023-09-12T14:23:32	5	0	8	8	0	1.0229	1.0228	-0.0001	0.998	0.998	0.0000
2023-09-12T14:24:49	2	0	5	7	-2	1.0422	1.0370	-0.0052	0.969	0.9749	-0.0059
2023-09-12T14:25:25	1	0	13	13	0	0.9985	0.9985	0.0000	0.9982	0.9982	0.0000
2023-09-12T14:25:45	1	0	3	3	0	1.0503	1.0503	0.0000	0.9842	0.9842	0.0000
2023-09-12T14:25:57	1	0	3	3	0	1.1794	1.1793	0.0000	0.9855	0.9855	0.0000
2023-09-12T14:26:03	1	0	4	4	0	0.8736	0.8737	0.0001	0.9819	0.9821	-0.0002
2023-09-12T14:26:13	1	0	2	2	0	0.9844	0.9847	0.0003	0.9939	0.994	-0.0001
2023-09-12T14:27:08	1	0	200	199	1	0.9098	0.9100	0.0003	0.9748	0.9748	0.0000
2023-09-12T14:28:44	1	0	10	10	0	1.0146	1.0147	0.0001	0.9761	0.9761	0.0000
2023-09-12T14:29:18	3	0	2	2	0	1.0306	1.0296	-0.0010	-0.9968	-0.9967	-0.0001
2023-09-12T14:29:44	1	0	2	2	0	0.9430	0.9431	0.0001	0.992	0.992	0.0000
2023-09-12T14:30:14	2	0	74	70	4	0.9328	0.9329	0.0001	0.9771	0.9771	0.0000
2023-09-12T14:30:20	1	0	42	39	3	1.0536	1.0530	-0.0006	-0.9725	-0.9724	-0.0001
2023-09-12T14:30:33	3	0	27	27	0	0.9517	0.9514	-0.0003	0.9873	0.9886	-0.0013
2023-09-12T14:31:48	2	0	8	8	0	0.9543	0.9544	0.0001	0.9962	0.9963	-0.0001
2023-09-12T14:32:20	1	0	1	1	0	1.0414	1.0409	-0.0005	0.9989	0.9989	0.0000
2023-09-12T14:32:24	4	0	1	1	0	0.9365	0.9370	0.0005	0.9993	0.9993	0.0000
2023-09-12T14:32:38	1	0	5	5	0	0.9955	0.9956	0.0001	0.994	0.994	0.0000
2023-09-12T14:33:23	1	0	4	5	-1	0.9410	0.9418	0.0008	0.9172	0.9174	-0.0002
2023-09-12T14:34:25	5	0	5	5	0	0.9648	0.9871	0.0223	0.9586	0.9589	-0.0003
2023-09-12T14:35:40	2	0	250	249	1	0.9319	0.9323	0.0004	0.9952	0.9951	0.0001
2023-09-12T14:35:42	2	0	1	1	0	1.0456	1.0451	-0.0005	0.9858	0.9856	0.0002
2023-09-12T14:35:49	4	0	11	11	0	1.0383	1.0381	-0.0002	0.9517	0.947	0.0047
2023-09-12T14:36:54	1	0	4	4	0	1.0140	1.0138	-0.0002	0.963	0.9576	0.0054
2023-09-12T14:37:02	1	0	1	1	0	1.0296	1.0295	-0.0001	-0.9998	-0.9998	0.0000
2023-09-12T14:37:13	5	0	15	14	1	0.9544	0.9546	0.0001	0.9944	0.9932	0.0012
2023-09-12T14:37:32	1	0	2	2	0	0.9400	0.9402	0.0002	0.932	0.9322	-0.0002
2023-09-12T14:37:56	1	0	4	4	0	1.0005	0.9998	-0.0007	-0.998	-0.998	0.0000
2023-09-12T14:40:26	1	0	16	16	0	0.9864	0.9864	0.0000	0.9979	0.9979	0.0000
2023-09-12T14:40:58	1	0	3	3	0	1.1775	1.1775	0.0000	0.9866	0.9866	0.0000
2023-09-12T14:41:11	1	0	3	3	0	0.8692	0.8692	0.0000	0.982	0.9822	-0.0002
2023-09-12T14:41:22	1	0	3	3	0	0.9695	0.9699	0.0005	0.9935	0.9949	-0.0014
2023-09-12T14:43:08	3	0	2	1	1	0.9996	0.9450	-0.0546	-0.9924	-0.9931	0.0007
2023-09-12T14:43:19	1	0	2	2	0	1.0343	1.0331	-0.0012	0.9998	0.9998	0.0000
2023-09-12T14:43:45	1	0	11	11	0	0.9984	0.9984	0.0000	0.9683	0.9683	0.0000
2023-09-12T14:44:45	1	0	4	4	0	0.9470	0.9471	0.0000	0.9932	0.9932	0.0000
2023-09-12T14:45:15	2	0	116	115	1	0.9356	0.9356	0.0001	0.9782	0.9783	-0.0001
2023-09-12T14:45:24	1	0	44	40	4	1.0536	1.0530	-0.0006	-0.9787	-0.9786	-0.0001
2023-09-12T14:47:21	1	0	2	2	0	1.0393	1.0391	-0.0002	0.9992	0.9992	0.0000
2023-09-12T14:47:39	1	0	7	7	0	1.0185	1.0185	0.0000	0.9938	0.9937	0.0001
2023-09-12T14:50:44	2	0	414	407	7	0.8821	0.8820	-0.0001	0.8903	0.89	0.0003
2023-09-12T14:52:14	3	0	21	21	0	0.9785	0.9784	-0.0001	0.9956	0.9923	0.0033
2023-09-12T14:52:33	1	0	3	3	0	0.9410	0.9416	0.0006	0.9379	0.9376	0.0003
2023-09-12T14:53:34	5	0	9	9	0	1.0191	1.0190	-0.0001	0.9975	0.9975	0.0000
2023-09-12T15:05:51	2	0	16	14	2	1.0505	1.0488	-0.0017	0.9499	0.9613	-0.0114
2023-09-12T15:07:15	1	0	9	9	0	0.9610	0.9610	0.0000	0.9945	0.9945	0.0000
2023-09-12T15:19:33	1	0	1	2	-1	0.9402	0.9981	0.0579	0.9777	0.978	-0.0003
2023-09-12T15:22:16	1	0	27	27	0	0.9517	0.9517	0.0000	0.9931	0.9905	0.0026
2023-09-12T15:31:03	1	0	1	1	0	1.0568	1.0552	-0.0016	0.9947	0.9946	0.0001
2023-09-12T15:34:34	1	0	1	2	-1	0.9359	0.9955	0.0596	0.9582	0.9583	-0.0001
2023-09-12T15:40:17	1	0	36	27	9	0.9452	0.9459	0.0007	-0.9965	-0.9964	-0.0001
2023-09-12T15:46:17	1	0	4	3	1	0.9483	0.9524	0.0041	0.9954	0.9947	0.0007
2023-09-12T15:52:18	1	0	4	4	0	0.9415	0.9417	0.0002	0.9969	0.9953	0.0016
2023-09-12T15:56:13	1	0	1	1	0	0.9367	0.9368	0.0001	-0.9945	-0.9944	-0.0001
2023-09-12T16:02:26	1	0	1	1	0	0.9876	0.9887	0.0011	0.998	0.998	0.0000
2023-09-12T16:06:24	2	0	9	9	0	0.9814	0.9813	-0.0001	0.972	0.9719	0.0001
2023-09-12T16:16:31	2	0	1	1	0	0.9392	0.9397	0.0005	0.9933	0.9942	-0.0009
2023-09-12T16:30:43	1	0	19	19	0	1.0530	1.0529	-0.0001	-0.9773	-0.9768	-0.0005
2023-09-12T16:46:22	1	0	28	28	0	0.9484	0.9487	0.0003	0.9979	0.9978	0.0001
2023-09-12T17:01:34	2	0	108	109	-1	0.9142	0.9142	0.0000	0.9922	0.9908	0.0014
2023-09-12T17:10:56	1	0	85	85	0	1.0577	1.0577	0.0000	0.9981	0.9981	0.0000
2023-09-12T17:12:20	1	0	6	6	0	0.9403	0.9405	0.0002	0.9918	0.992	-0.0002
2023-09-12T17:15:47	1	0	27	27	0	1.0547	1.0546	-0.0001	-0.979	-0.9786	-0.0004
2023-09-12T17:30:50	1	0	24	24	0	1.0545	1.0544	0.0000	-0.9699	-0.9694	-0.0005
2023-09-12T17:45:52	1	0	38	37	1	1.0543	1.0541	-0.0001	-0.9726	-0.9722	-0.0004
2023-09-12T17:53:06	1	0	83	83	0	0.9387	0.9388	0.0001	-0.995	-0.9944	-0.0006
2023-09-13T08:03:33	1	0	44	43	1	0.9368	0.9369	0.0001	0.9606	0.9609	-0.0003

2023-09-13T08:30:28	9	0	34	31	3	0.9402	0.9403	0.0002	1	-1	0.0000
2023-09-13T08:31:41	1	0	320	320	0	1.0653	1.0652	0.0000	0.9998	0.9998	0.0000
2023-09-13T08:36:52	1	0	3	3	0	0.9401	0.9404	0.0003	-0.9993	-0.9977	-0.0016
2023-09-13T08:42:58	2	0	9	9	0	0.9531	0.9532	0.0001	0.9602	0.9603	-0.0001
2023-09-13T08:44:38	1	0	236	232	4	1.0563	1.0563	0.0000	-1	-1	0.0000
2023-09-13T09:05:50	2	0	12	12	0	0.9734	0.9733	0.0000	0.9602	0.9602	0.0000
2023-09-13T09:10:45	1	0	1	1	0	1.0338	1.0332	-0.0006	-0.9588	-0.9585	-0.0003
2023-09-13T09:13:45	2	0	1	1	0	1.0332	1.0318	-0.0014	-0.9959	-0.996	0.0001
2023-09-13T09:16:57	1	0	3	3	0	0.9963	0.9962	-0.0001	0.9453	0.9461	-0.0008
2023-09-13T09:18:38	2	0	17	17	0	0.9424	0.9424	0.0000	0.9595	0.9595	0.0000
2023-09-13T09:25:18	1	0	88	86	2	0.9172	0.9173	0.0001	0.9608	0.961	-0.0002
2023-09-13T09:27:46	1	0	1	1	0	1.0276	1.0272	-0.0004	1	1	0.0000
2023-09-13T09:29:06	1	0	2	2	0	1.0319	1.0317	-0.0003	-0.9881	-0.9883	0.0002
2023-09-13T09:33:39	1	0	1	1	0	0.9258	0.9262	0.0004	0.9667	0.9667	0.0000
2023-09-13T09:35:14	1	0	98	98	0	0.9157	0.9158	0.0001	0.9021	0.9022	-0.0001
2023-09-13T09:35:40	4	0	15	15	0	1.0473	1.0468	-0.0005	-0.9946	-0.9947	0.0001
2023-09-13T09:35:46	1	0	3	4	-1	1.0035	1.0043	0.0007	0.9956	0.9998	-0.0042
2023-09-13T09:39:54	1	0	3	3	0	0.9418	0.9419	0.0001	-0.9996	-0.9996	0.0000
2023-09-13T09:40:55	1	0	5	5	0	1.0194	1.0194	-0.0001	0.9966	0.9965	0.0001
2023-09-13T09:41:37	2	0	176	169	7	1.0588	1.0586	-0.0003	-0.9095	-0.9104	0.0009
2023-09-13T09:41:50	1	0	136	136	0	1.0697	1.0697	-0.0001	-0.9722	-0.9722	0.0000
2023-09-13T09:42:36	1	0	2	2	0	1.0241	1.0233	-0.0008	1	1	0.0000
2023-09-13T09:44:42	1	0	276	272	4	1.0571	1.0571	0.0000	0.9991	0.9991	0.0000
2023-09-13T09:44:52	1	0	2	2	0	0.9434	0.9439	0.0005	0.9814	0.9815	-0.0001
2023-09-13T09:45:46	1	0	1	1	0	0.8208	0.8212	0.0004	0.9863	0.9863	0.0000
2023-09-13T09:45:50	1	0	1	1	0	1.0474	1.0468	-0.0006	0.949	0.9726	-0.0236
2023-09-13T09:46:48	1	0	264	262	2	1.0634	1.0634	0.0000	0.9999	0.9999	0.0000
2023-09-13T09:50:18	1	0	2	2	0	1.0321	1.0318	-0.0003	0.9791	0.9791	0.0000
2023-09-13T09:50:47	1	0	5	5	0	1.0083	1.0082	-0.0001	0.9922	0.9918	0.0004
2023-09-13T09:53:28	3	0	15	13	2	0.9414	0.9415	0.0001	0.9974	0.9974	0.0000
2023-09-13T09:54:43	1	0	5	5	0	1.0280	1.0279	-0.0001	0.9736	0.9736	0.0000
2023-09-13T09:55:37	1	0	11	11	0	1.0708	1.0708	0.0000	0.9943	0.9943	0.0000
2023-09-13T09:56:40	1	0	18	18	0	1.0514	1.0510	-0.0004	-0.9233	-0.9228	-0.0005
2023-09-13T09:58:29	1	0	1	1	0	1.0065	1.0059	-0.0006	-0.9794	-0.9793	-0.0001
2023-09-13T10:00:47	1	0	1	1	0	0.8275	0.8275	0.0000	0.9862	0.9861	0.0001
2023-09-13T10:00:47	1	0	22	20	2	0.9392	0.9396	0.0004	0.9987	0.9987	0.0000
2023-09-13T10:05:16	1	0	93	93	0	0.9145	0.9147	0.0001	0.8942	0.8944	-0.0002
2023-09-13T10:05:26	1	0	2	2	0	1.0291	1.0286	-0.0005	0.9781	0.9781	0.0000
2023-09-13T10:09:39	1	0	66	66	0	0.9266	0.9267	0.0000	0.9092	0.9086	0.0006
2023-09-13T10:10:01	7	0	104	47	57	1.0569	1.0550	-0.0019	0.9998	0.9993	0.0005
2023-09-13T10:10:25	2	0	10	10	0	0.9699	0.9698	-0.0001	0.957	0.9568	0.0002
2023-09-13T10:11:28	1	0	5	5	0	1.0263	1.0261	-0.0001	0.9671	0.9671	0.0000
2023-09-13T10:12:27	1	0	11	9	2	0.9492	0.9489	-0.0003	0.9916	0.9919	-0.0003
2023-09-13T10:12:58	3	0	16	13	3	0.9412	0.9412	0.0000	0.9963	0.9964	-0.0001
2023-09-13T10:14:14	1	0	3	2	1	1.0353	1.0398	0.0045	0.9942	0.994	0.0002
2023-09-13T10:14:21	1	0	3	3	0	0.9413	0.9415	0.0002	-0.9997	-0.9997	0.0000
2023-09-13T10:14:32	1	0	11	11	0	1.0192	1.0192	0.0000	0.9991	0.9991	0.0000
2023-09-13T10:14:43	1	0	3	3	0	0.8467	0.8468	0.0001	0.9786	0.9789	-0.0003
2023-09-13T10:15:15	2	0	1	1	0	1.0297	1.0276	-0.0021	-0.975	-0.9752	0.0002
2023-09-13T10:15:28	1	0	5	5	0	1.0170	1.0170	-0.0001	0.997	0.997	0.0000
2023-09-13T10:16:52	2	0	1	1	0	0.9951	0.9957	0.0006	1	1	0.0000
2023-09-13T10:17:05	1	0	1	0	1	1.0209	null	null	0.9981	0.9981	0.0000
2023-09-13T10:18:38	1	0	3	3	0	1.0334	1.0331	-0.0003	0.9992	0.999	0.0002
2023-09-13T10:18:49	2	0	76	74	2	1.0569	1.0564	-0.0005	-0.9268	-0.9283	0.0015
2023-09-13T10:20:15	2	0	8	8	0	1.0451	1.0450	-0.0001	0.9524	0.9522	0.0002
2023-09-13T10:20:39	1	0	6	6	0	1.0372	1.0369	-0.0003	-0.9997	-0.9997	0.0000
2023-09-13T10:21:40	1	0	25	24	1	0.9516	0.9521	0.0006	0.978	0.9779	0.0001
2023-09-13T10:23:09	3	0	2	3	-1	0.9374	0.9767	0.0394	0.9523	0.9525	-0.0002
2023-09-13T10:23:36	2	0	2	2	0	1.0367	1.0364	-0.0003	0.9908	0.9907	0.0001
2023-09-13T10:25:19	1	0	2	2	0	0.9851	0.9849	-0.0002	-0.9997	-0.9997	0.0000
2023-09-13T10:26:27	1	0	1	1	0	0.9412	0.9427	0.0015	-0.9783	-0.9773	-0.0010
2023-09-13T10:27:19	1	0	1	1	0	1.0588	1.0584	-0.0004	0.9579	0.9576	0.0003
2023-09-13T10:28:55	1	0	7	7	0	1.0284	1.0283	-0.0001	0.9589	0.9585	0.0004
2023-09-13T10:31:52	1	0	1	1	0	0.9909	0.9915	0.0006	0.9999	0.9999	0.0000
2023-09-13T10:32:10	1	0	2	0	2	1.0502	null	null	-0.9757	-0.9818	0.0061
2023-09-13T10:32:36	1	0	7	7	0	0.9849	0.9849	0.0001	0.9671	0.9671	0.0000
2023-09-13T10:33:53	1	0	135	127	8	1.0590	1.0587	-0.0003	-0.9184	-0.9197	0.0013
2023-09-13T10:34:25	1	0	1	1	0	0.9420	0.9430	0.0010	0.9794	0.9795	-0.0001
2023-09-13T10:35:09	1	0	8	8	0	1.0505	1.0501	-0.0004	0.9953	0.9952	0.0001
2023-09-13T10:38:46	1	0	2	2	0	1.0354	1.0350	-0.0004	0.9905	0.9905	0.0000
2023-09-13T10:39:44	1	0	109	108	1	0.9133	0.9135	0.0002	0.9001	0.9003	-0.0002
2023-09-13T10:44:33	1	0	7	7	0	1.0168	1.0167	0.0000	0.9985	0.9984	0.0001
2023-09-13T10:44:53	1	0	9	9	0	1.0489	1.0487	-0.0001	0.9924	0.9923	0.0001
2023-09-13T10:45:30	1	0	6	6	0	1.0022	1.0022	0.0000	0.997	0.997	0.0000
2023-09-13T10:46:16	1	0	1	1	0	1.0567	1.0561	-0.0006	0.9978	0.9977	0.0001
2023-09-13T10:46:20	1	0	57	57	0	0.9426	0.9426	0.0000	0.967	0.9669	0.0001
2023-09-13T10:47:39	1	0	2	2	0	0.9970	0.9975	0.0005	0.9857	0.9859	-0.0002
2023-09-13T10:50:03	2	0	2	2	0	0.9442	0.9445	0.0003	0.9985	0.9985	0.0000
2023-09-13T10:50:23	2	0	2	2	0	1.0526	1.0490	-0.0036	0.9614	0.9919	-0.0305
2023-09-13T10:52:01	1	0	1	1	0	1.0580	1.0569	-0.0011	0.9705	0.9704	0.0001
2023-09-13T10:54:59	2	0	5	5	0	1.0468	1.0464	-0.0004	0.9256	0.925	0.0006
2023-09-13T10:55:13	1	0	18	18	0	1.0496	1.0494	-0.0001	0.9993	0.9986	0.0007
2023-09-13T10:57:45	4	0	10	10	0	1.0250	1.0247	-0.0004	0.9985	0.9984	0.0001
2023-09-13T10:59:03	1	0	5	5	0	1.0511	1.0506	-0.0005	0.9934	0.9925	0.0009
2023-09-13T11:00:09	1	0	1	1	0	0.9832	0.9836	0.0004	0.9943	0.9943	0.0000

2023-09-13T11:02:18	1	0	1	1	0	1.0239	1.0231	-0.0008	0.999	0.9989	0.0001
2023-09-13T11:02:20	1	0	1	1	0	1.0219	1.0213	-0.0006	0.9986	0.9986	0.0000
2023-09-13T11:03:22	2	0	1	0	1	1.0372	null	null	-0.9995	-0.9996	0.0001
2023-09-13T11:07:47	2	0	138	135	3	0.9513	0.9487	-0.0025	0.9383	0.9381	0.0002
2023-09-13T11:08:12	1	0	4	4	0	1.0071	1.0070	-0.0002	0.9625	0.9624	0.0001
2023-09-13T11:10:09	1	0	1	0	1	1.0550	null	null	0.9994	0.9994	0.0000
2023-09-13T11:10:18	2	0	1	0	1	1.0074	null	null	0.9962	0.9959	0.0003
2023-09-13T11:12:29	1	0	6	6	0	1.0080	1.0078	-0.0002	0.9355	0.9353	0.0002
2023-09-13T11:15:40	1	0	2	2	0	0.9802	1.0199	0.0397	0.9946	0.9947	-0.0001
2023-09-13T11:17:27	1	0	1	1	0	1.0204	1.0199	-0.0005	0.999	0.999	0.0000
2023-09-13T11:18:23	3	0	4	3	1	1.0333	1.0324	-0.0009	-0.9995	-0.9996	0.0001
2023-09-13T11:19:21	1	0	38	37	1	1.0502	1.0500	-0.0002	0.9979	0.9979	0.0000
2023-09-13T11:22:10	1	0	49	49	0	0.9534	0.9534	0.0000	0.9885	0.9884	0.0001
2023-09-13T11:22:55	2	0	220	214	6	0.9495	0.9473	-0.0022	0.9339	0.934	-0.0001
2023-09-13T11:23:13	1	0	28	20	8	0.9574	0.9620	0.0046	0.9677	0.968	-0.0003
2023-09-13T11:23:56	1	0	175	175	0	0.9282	0.9286	0.0004	0.9972	0.9972	0.0000
2023-09-13T11:24:55	3	0	16	17	-1	0.9377	0.9451	0.0074	0.991	0.9914	-0.0004
2023-09-13T11:25:55	2	0	6	6	0	1.0492	1.0488	-0.0004	0.9504	0.948	0.0024
2023-09-13T11:26:29	1	0	1	1	0	1.0727	1.0711	-0.0016	1	0.9998	0.0002
2023-09-13T11:27:30	1	0	2	2	0	1.0112	1.0112	0.0000	0.936	0.936	0.0000
2023-09-13T11:29:11	1	0	3	3	0	1.0524	1.0519	-0.0006	0.9926	0.9919	0.0007
2023-09-13T11:29:26	1	0	2	2	0	0.9835	0.9835	0.0000	-0.9962	-0.9962	0.0000
2023-09-13T11:30:07	1	0	3	3	0	0.8897	0.8897	0.0000	0.9785	0.9785	0.0000
2023-09-13T11:30:09	1	0	3	3	0	1.1775	1.1774	-0.0001	0.9852	0.9852	0.0000
2023-09-13T11:30:33	2	0	4	4	0	1.0111	1.0111	0.0000	0.9955	0.9955	0.0000
2023-09-13T11:30:33	2	0	1	1	0	1.0306	1.0306	0.0000	-0.9787	-0.9784	-0.0003
2023-09-13T11:31:12	2	0	2	2	0	1.0435	1.0433	-0.0003	0.998	0.998	0.0000
2023-09-13T11:32:26	3	0	1	1	0	0.9887	0.9890	0.0003	0.9999	0.9999	0.0000
2023-09-13T11:34:03	2	0	4	4	0	1.0419	1.0418	-0.0002	0.9981	0.998	0.0001
2023-09-13T11:34:03	1	0	73	72	1	1.0558	1.0556	-0.0003	-0.9472	-0.9476	0.0004
2023-09-13T11:34:29	1	0	2	3	-1	0.9414	0.9475	0.0060	0.9762	0.9762	0.0000
2023-09-13T11:35:26	1	0	1	1	0	1.0564	1.0564	0.0000	0.9947	0.9947	0.0000
2023-09-13T11:35:28	2	0	1	1	0	1.0587	1.0587	0.0000	0.9536	0.9536	0.0000
2023-09-13T11:36:01	1	0	2	2	0	1.0292	1.0290	-0.0002	1	1	0.0000
2023-09-13T11:36:31	1	0	1	0	1	1.0552	null	null	0.9998	0.9998	0.0000
2023-09-13T11:39:48	3	0	2	2	0	0.9406	0.9414	0.0008	0.9204	0.9191	0.0013
2023-09-13T11:40:19	1	0	2	2	0	1.0561	1.0555	-0.0005	0.9997	0.9997	0.0000
2023-09-13T11:40:37	1	0	1	1	0	1.0361	1.0357	-0.0004	0.9729	0.9754	-0.0025
2023-09-13T11:42:31	1	0	1	1	0	1.0044	1.0044	0.0000	0.9353	0.9354	-0.0001
2023-09-13T11:42:41	1	0	7	8	-1	0.9490	0.9483	-0.0006	0.9959	0.9962	-0.0003
2023-09-13T11:42:50	1	0	10	10	0	1.0465	1.0465	0.0000	-0.9982	-0.9982	0.0000
2023-09-13T11:44:57	1	0	5	7	-2	1.0489	1.0478	-0.0011	0.9897	0.9897	0.0000
2023-09-13T11:45:12	1	0	5	5	0	0.8762	0.8762	0.0000	0.9707	0.971	-0.0003
2023-09-13T11:45:34	2	0	4	4	0	1.0118	1.0117	0.0000	0.9953	0.9953	0.0000
2023-09-13T11:49:30	2	0	4	4	0	0.9433	0.9435	0.0002	0.9734	0.9734	0.0000
2023-09-13T11:50:27	1	0	4	4	0	1.0491	1.0491	0.0000	0.9935	0.9936	-0.0001
2023-09-13T11:50:29	2	0	1	1	0	1.0586	1.0586	0.0000	0.9516	0.9516	0.0000
2023-09-13T11:53:03	2	0	37	37	0	0.9712	0.9712	0.0000	0.9558	0.9559	-0.0001
2023-09-13T11:55:33	1	0	2	2	0	1.0593	1.0592	-0.0001	0.9996	0.9996	0.0000
2023-09-13T11:57:42	1	0	2	3	-1	0.9438	0.9490	0.0052	0.9964	0.9966	-0.0002
2023-09-13T11:59:16	1	0	3	3	0	1.0526	1.0522	-0.0004	0.9922	0.9919	0.0003
2023-09-13T11:59:28	1	0	4	4	0	1.0259	1.0259	0.0000	-0.9932	-0.9932	0.0000
2023-09-13T12:00:38	2	0	4	4	0	1.0100	1.0100	0.0000	0.9958	0.9958	0.0000
2023-09-13T12:05:28	1	0	4	4	0	1.0487	1.0487	0.0000	0.9926	0.9927	-0.0001
2023-09-13T12:05:30	2	0	1	1	0	1.0592	1.0592	0.0000	0.9587	0.9587	0.0000
2023-09-13T12:05:37	1	0	12	11	1	1.0567	1.0565	-0.0002	-0.9338	-0.9338	0.0000
2023-09-13T12:08:04	2	0	113	113	0	0.9430	0.9430	0.0000	0.9453	0.9454	-0.0001
2023-09-13T12:11:46	1	0	238	238	0	0.8479	0.8481	0.0002	0.9995	0.9996	-0.0001
2023-09-13T12:16:31	3	0	3	3	0	1.0640	1.0637	-0.0003	0.9949	0.9948	0.0001
2023-09-13T12:17:20	1	0	1	1	0	1.0564	1.0564	0.0000	-0.9788	-0.9787	-0.0001
2023-09-13T12:25:50	2	0	2	2	0	1.0290	1.0289	-0.0001	0.9729	0.9678	0.0051
2023-09-13T12:27:34	1	0	7	6	1	1.0065	1.0069	0.0004	0.9326	0.9325	0.0001
2023-09-13T12:49:08	2	0	2	2	0	1.0702	1.0702	0.0000	0.9973	0.9975	-0.0002
2023-09-13T12:55:52	1	0	2	2	0	1.0319	1.0319	0.0000	0.9684	0.9732	-0.0048
2023-09-13T13:00:15	1	0	5	5	0	1.1269	1.1268	-0.0001	0.9827	0.9826	0.0001
2023-09-13T13:00:42	1	0	8	8	0	0.9963	0.9962	0.0000	0.9959	0.9959	0.0000
2023-09-13T13:05:32	1	0	2	2	0	0.9268	0.9260	-0.0008	0.9825	0.9825	0.0000
2023-09-13T13:06:34	1	0	2	2	0	1.0093	1.0093	0.0000	0.9233	0.9235	-0.0002
2023-09-13T13:10:53	1	0	2	2	0	1.0296	1.0293	-0.0003	0.9676	0.9726	-0.0050
2023-09-13T13:21:33	1	0	1	1	0	0.9448	0.9448	0.0000	0.9992	0.9992	0.0000
2023-09-13T13:30:04	1	0	3	3	0	1.0506	1.0506	0.0000	0.986	0.9861	-0.0001
2023-09-13T13:30:44	1	0	5	5	0	1.0147	1.0146	0.0000	0.9949	0.9949	0.0000
2023-09-13T13:31:36	1	0	2	2	0	1.0575	1.0575	0.0000	0.9942	0.9942	0.0000
2023-09-13T13:38:30	1	0	25	25	0	0.9445	0.9447	0.0003	0.9854	0.9854	0.0000
2023-09-13T13:41:13	2	0	10	10	0	1.0483	1.0483	0.0000	0.8951	0.895	0.0001
2023-09-13T13:41:38	1	0	8	8	0	0.9601	0.9605	0.0004	-1	0.9999	0.0001
2023-09-13T13:49:12	2	0	4	4	0	1.0426	1.0425	-0.0001	-0.985	-0.9852	0.0002
2023-09-13T13:50:22	1	0	1	1	0	0.9703	0.9709	0.0006	0.9357	0.936	-0.0003
2023-09-13T14:00:26	1	0	5	5	0	0.9204	0.9204	0.0000	0.9785	0.9785	0.0000
2023-09-13T14:04:13	2	0	4	4	0	1.0461	1.0461	0.0000	-0.984	-0.9841	0.0001
2023-09-13T14:05:37	1	0	1	1	0	1.0360	1.0356	-0.0004	0.9908	0.9905	0.0003
2023-09-13T14:06:07	1	0	4	4	0	1.0534	1.0530	-0.0004	0.9716	0.9709	0.0007
2023-09-13T14:08:21	2	0	2	2	0	0.9400	0.9405	0.0006	0.9389	0.9389	0.0000
2023-09-13T14:08:32	1	0	1	1	0	0.9431	0.9431	0.0000	0.9853	0.9815	0.0038
2023-09-13T14:10:18	3	0	2	2	0	1.0369	1.0368	-0.0001	0.9982	0.9982	0.0000

2023-09-13T14:10:34	3	0	1	1	0	1.0150	1.0149	-0.0001	0.9973	0.9972	0.0001
2023-09-13T14:10:46	8	0	5	5	0	1.0025	1.0008	-0.0017	0.9978	0.997	0.0008
2023-09-13T14:10:57	2	0	2	2	0	1.0307	1.0306	-0.0002	0.9689	0.969	-0.0001
2023-09-13T14:11:15	1	0	6	6	0	1.0476	1.0475	-0.0001	0.9234	0.898	0.0254
2023-09-13T14:11:40	1	0	11	11	0	0.9625	0.9624	0.0000	0.9999	0.9999	0.0000
2023-09-13T14:11:42	1	0	6	7	-1	0.9375	0.9381	0.0006	-0.9849	-0.985	0.0001
2023-09-13T14:14:59	2	0	8	8	0	0.9959	0.9959	0.0000	0.9981	0.998	0.0001
2023-09-13T14:15:27	1	0	5	5	0	0.9205	0.9207	0.0001	0.9644	0.9644	0.0000
2023-09-13T14:17:52	1	0	14	13	1	0.9681	0.9682	0.0000	0.9511	0.9511	0.0000
2023-09-13T14:17:55	1	0	2	2	0	1.0294	1.0286	-0.0009	-0.9992	-0.9992	0.0000
2023-09-13T14:19:14	2	0	3	3	0	1.0428	1.0427	-0.0001	-0.9857	-0.9858	0.0001
2023-09-13T14:20:38	1	0	1	1	0	1.0186	1.0213	0.0027	0.9372	0.9373	-0.0001
2023-09-13T14:21:12	1	0	2	2	0	0.9782	0.9787	0.0005	0.9984	0.9985	-0.0001
2023-09-13T14:22:23	1	0	1	1	0	1.0586	1.0582	-0.0004	0.9778	0.9711	0.0067
2023-09-13T14:23:22	1	0	1	1	0	0.9421	0.9424	0.0003	0.9363	0.9361	0.0002
2023-09-13T14:23:49	5	0	22	18	4	0.9496	0.9518	0.0022	0.9998	0.9998	0.0000
2023-09-13T14:24:38	2	0	4	4	0	1.0505	1.0500	-0.0005	0.9884	0.9882	0.0002
2023-09-13T14:25:02	4	0	583	577	6	0.8621	0.8621	0.0000	0.8388	0.839	-0.0002
2023-09-13T14:25:42	2	0	7	7	0	1.0110	1.0110	0.0000	0.9882	0.9884	-0.0002
2023-09-13T14:25:58	2	0	2	2	0	1.0315	1.0314	-0.0001	0.9659	0.966	-0.0001
2023-09-13T14:26:00	2	0	3	3	0	0.9796	0.9795	-0.0001	0.9983	0.9983	0.0000
2023-09-13T14:26:22	3	0	12	12	0	1.0477	1.0476	-0.0001	0.9453	0.9443	0.0010
2023-09-13T14:26:41	1	0	12	12	0	0.9577	0.9577	-0.0001	0.9997	0.9997	0.0000
2023-09-13T14:26:43	1	0	8	8	0	0.9362	0.9365	0.0004	-0.9895	-0.9893	-0.0002
2023-09-13T14:27:52	1	0	2	1	1	0.9448	0.9449	0.0001	0.9976	0.9977	-0.0001
2023-09-13T14:27:59	4	0	4	4	0	1.0228	1.0228	0.0000	0.9986	0.9986	0.0000
2023-09-13T14:29:38	1	0	9	9	0	0.9618	0.9621	0.0003	-0.993	-0.993	0.0000
2023-09-13T14:30:28	1	0	3	3	0	0.9206	0.9206	0.0000	0.9841	0.9842	-0.0001
2023-09-13T14:31:40	2	0	1	1	0	1.0596	1.0584	-0.0012	0.9967	0.9967	0.0000
2023-09-13T14:33:00	1	0	9	9	0	0.9984	0.9984	0.0000	0.9635	0.9635	0.0000
2023-09-13T14:33:02	1	0	2	2	0	1.0317	1.0307	-0.0010	-0.9988	-0.9988	0.0000
2023-09-13T14:34:15	1	0	35	33	2	1.0517	1.0514	-0.0003	-0.9634	-0.9628	-0.0006
2023-09-13T14:34:15	2	0	4	4	0	1.0447	1.0447	-0.0001	-0.9812	-0.9814	0.0002
2023-09-13T14:35:31	3	0	6	5	1	0.9413	0.9415	0.0002	1	1	0.0000
2023-09-13T14:35:39	1	0	1	2	-1	1.0419	1.0444	0.0025	0.977	0.9997	-0.0227
2023-09-13T14:36:31	1	0	34	34	0	0.9339	0.9340	0.0000	0.9946	0.9947	-0.0001
2023-09-13T14:38:23	1	0	1	1	0	0.9422	0.9422	0.0000	0.9368	0.937	-0.0002
2023-09-13T14:38:36	1	0	4	4	0	0.9650	0.9651	0.0001	0.9851	0.987	-0.0019
2023-09-13T14:39:15	1	0	41	38	3	0.9360	0.9362	0.0001	0.999	0.9989	0.0001
2023-09-13T14:39:39	2	0	4	4	0	1.0491	1.0491	-0.0001	0.9876	0.9875	0.0001
2023-09-13T14:40:07	6	0	562	564	-2	0.8692	0.8693	0.0001	0.8353	0.8355	-0.0002
2023-09-13T14:40:14	2	0	64	64	0	0.9236	0.9247	0.0011	0.9121	0.9065	0.0056
2023-09-13T14:40:43	2	0	9	9	0	1.0135	1.0134	-0.0001	0.9872	0.9872	0.0000
2023-09-13T14:40:57	1	0	1	1	0	1.0572	1.0563	-0.0009	0.9969	0.9969	0.0000
2023-09-13T14:40:59	2	0	2	2	0	1.0300	1.0300	-0.0001	0.9671	0.9671	0.0000
2023-09-13T14:41:13	2	0	2	2	0	0.9390	0.9392	0.0001	0.998	0.998	0.0000
2023-09-13T14:41:29	1	0	9	9	0	1.0451	1.0451	-0.0001	0.8805	0.8798	0.0007
2023-09-13T14:41:42	2	0	9	9	0	0.9688	0.9689	0.0002	1	1	0.0000
2023-09-13T14:41:44	1	0	7	7	0	0.9381	0.9383	0.0002	-0.9879	-0.9877	-0.0002
2023-09-13T14:44:39	1	0	108	107	1	0.9370	0.9371	0.0001	-0.9933	-0.9933	0.0000
2023-09-13T14:45:22	1	0	3	3	0	1.1774	1.1774	0.0000	0.9869	0.9869	0.0000
2023-09-13T14:45:29	1	0	3	3	0	0.9361	0.9361	0.0000	0.9826	0.9826	0.0000
2023-09-13T14:46:41	1	0	1	1	0	1.0557	1.0556	-0.0001	0.9963	0.9963	0.0000
2023-09-13T14:49:42	1	0	2	2	0	0.9397	0.9400	0.0003	0.9809	0.981	-0.0001
2023-09-13T14:51:14	1	0	42	39	3	0.9461	0.9469	0.0008	0.9976	0.9976	0.0000
2023-09-13T14:53:24	1	0	2	2	0	0.9690	0.9688	-0.0003	0.9353	0.9349	0.0004
2023-09-13T14:55:15	1	0	6	6	0	1.0497	1.0495	-0.0002	0.9531	0.9529	0.0002
2023-09-13T14:57:38	3	0	3	2	1	1.0303	1.0304	0.0000	0.9981	0.9978	0.0003
2023-09-13T15:01:42	1	0	1	1	0	1.0585	1.0580	-0.0005	0.9983	0.9982	0.0001
2023-09-13T15:03:02	1	0	12	11	1	1.0053	1.0045	-0.0007	0.9718	0.9716	0.0002
2023-09-13T15:06:15	1	0	2	2	0	0.9817	0.9818	0.0001	0.9989	0.9989	0.0000
2023-09-13T15:11:15	3	0	2	2	0	0.9897	0.9896	-0.0002	0.9974	0.9973	0.0001
2023-09-13T15:11:42	2	0	14	14	0	1.0456	1.0456	0.0000	0.993	0.9929	0.0001
2023-09-13T15:13:07	5	0	8	8	0	1.0205	1.0205	0.0000	0.9977	0.9977	0.0000
2023-09-13T15:15:03	1	0	88	88	0	0.9504	0.9504	0.0000	0.998	0.998	0.0000
2023-09-13T15:25:20	1	0	306	306	0	0.8489	0.8489	0.0000	0.8575	0.8573	0.0002
2023-09-13T15:25:45	3	0	1	1	0	1.0143	1.0136	-0.0007	0.9806	0.9927	-0.0121
2023-09-13T15:30:52	1	0	6	6	0	1.0053	1.0054	0.0001	0.996	0.996	0.0000
2023-09-13T15:30:54	1	0	1	1	0	0.9355	0.9355	0.0000	-0.9912	-0.991	-0.0002
2023-09-13T15:31:44	1	0	3	3	0	1.0256	1.0255	-0.0001	0.9977	0.9977	0.0000
2023-09-13T15:32:48	3	0	1	1	0	1.0011	1.0015	0.0004	1	1	0.0000
2023-09-13T15:35:43	3	0	17	10	7	1.0414	1.0514	0.0100	0.9779	0.9995	-0.0216
2023-09-13T15:36:38	3	0	1	0	1	1.0369	null	null	-0.9983	-0.9985	0.0002
2023-09-13T15:36:47	1	0	1	1	0	0.9853	0.9860	0.0007	0.9992	0.9992	0.0000
2023-09-13T15:36:55	1	0	2	0	2	1.0227	null	null	0.9987	0.9987	0.0000
2023-09-13T15:37:36	1	0	475	219	256	0.8579	0.9050	0.0472	0.9387	0.9948	-0.0561
2023-09-13T15:40:27	1	0	601	600	1	0.8607	0.8606	-0.0001	0.8427	0.843	-0.0003
2023-09-13T15:46:06	2	0	3	3	0	1.0187	1.0185	-0.0002	0.9677	0.9674	0.0003
2023-09-13T15:50:49	1	0	49	48	1	0.9368	0.9371	0.0003	0.9812	0.981	0.0002
2023-09-13T15:54:29	1	0	26	26	0	0.9607	0.9595	-0.0012	1	1	0.0000
2023-09-13T15:59:23	1	0	4	4	0	1.0229	1.0227	-0.0002	0.9667	0.9647	0.0020
2023-09-13T16:01:46	1	0	2	2	0	1.0002	1.0003	0.0001	0.9956	0.9956	0.0000
2023-09-13T16:08:29	2	0	1	1	0	0.9431	0.9446	0.0015	0.9368	0.9367	0.0001
2023-09-13T16:16:42	1	0	5	5	0	1.0527	1.0527	0.0000	0.998	0.9979	0.0001
2023-09-13T16:16:47	1	0	20	20	0	0.9449	0.9449	0.0000	0.9962	0.9963	-0.0001

2023-09-13T16:21:23	1	0	3	3	0	1.0485	1.0482	-0.0003	0.9733	0.973	0.0003
2023-09-13T16:26:49	1	0	20	20	0	1.0181	1.0182	0.0001	-0.9965	-0.9964	-0.0001
2023-09-13T16:30:45	1	0	4	4	0	1.0215	1.0215	-0.0001	0.9822	0.9821	0.0001
2023-09-13T17:16:51	1	0	3	3	0	0.9468	0.9468	0.0000	0.9963	0.9963	0.0000
2023-09-13T17:35:37	2	0	27	25	2	0.9442	0.9443	0.0001	0.9423	0.9422	0.0001
2023-09-14T08:05:26	2	0	96	96	0	1.0574	1.0574	0.0000	-0.9992	-0.9997	0.0005
2023-09-14T08:12:54	2	0	12	11	1	0.9512	0.9518	0.0006	0.9568	0.9567	0.0001
2023-09-14T08:14:11	1	0	62	61	1	1.0532	1.0531	-0.0001	-0.8514	-0.8508	-0.0006
2023-09-14T08:18:33	1	0	77	77	0	0.9328	0.9329	0.0001	0.9591	0.959	0.0001
2023-09-14T08:31:39	1	0	32	31	1	1.0525	1.0525	-0.0001	0.99	0.9901	-0.0001
2023-09-14T08:36:47	1	0	1	1	0	0.9409	0.9412	0.0003	-0.9929	-0.9927	-0.0002
2023-09-14T08:46:40	1	0	293	293	0	1.0656	1.0656	0.0000	-0.9987	-0.9987	0.0000
2023-09-14T08:51:54	1	0	71	70	1	1.0502	1.0501	-0.0001	0.9655	0.9652	0.0003
2023-09-14T09:10:43	1	0	1	2	-1	1.0353	1.0303	-0.0051	-0.9302	-0.9299	-0.0003
2023-09-14T09:12:59	1	0	5	5	0	0.9707	0.9706	-0.0001	0.9623	0.963	-0.0007
2023-09-14T09:17:20	2	0	6	6	0	1.0335	1.0332	-0.0003	0.9743	0.9743	0.0000
2023-09-14T09:20:31	1	0	14	14	0	1.0472	1.0472	0.0000	-0.9997	-0.9997	0.0000
2023-09-14T09:20:49	2	0	6	6	0	0.9888	0.9887	-0.0001	0.9701	0.97	0.0001
2023-09-14T09:20:51	1	0	19	19	0	1.0460	1.0459	-0.0001	0.9857	0.9855	0.0002
2023-09-14T09:29:07	2	0	2	2	0	1.0368	1.0367	-0.0002	-0.9773	-0.9777	0.0004
2023-09-14T09:31:22	1	0	1	1	0	0.9442	0.9447	0.0005	-0.9987	-0.9987	0.0000
2023-09-14T09:31:36	1	0	6	6	0	1.0314	1.0314	-0.0001	0.9869	0.9865	0.0004
2023-09-14T09:32:28	1	0	1	1	0	1.0203	1.0195	-0.0008	0.9768	0.9807	-0.0039
2023-09-14T09:35:40	3	0	16	16	0	1.0461	1.0457	-0.0004	1	1	0.0000
2023-09-14T09:40:19	1	0	24	23	1	1.0541	1.0540	-0.0001	0.9997	0.9998	-0.0001
2023-09-14T09:43:19	1	0	5	5	0	1.0235	1.0233	-0.0002	0.9942	0.9941	0.0001
2023-09-14T09:43:24	1	0	2	2	0	1.0156	1.0152	-0.0005	-0.9727	-0.9726	-0.0001
2023-09-14T09:45:44	1	0	1	1	0	0.9026	0.9029	0.0003	0.9725	0.972	0.0005
2023-09-14T09:48:45	1	0	3	3	0	1.0471	1.0458	-0.0013	-0.9965	-0.9966	0.0001
2023-09-14T09:50:02	2	0	3	3	0	1.0324	1.0322	-0.0002	0.9821	0.9821	0.0000
2023-09-14T09:50:09	1	0	90	90	0	0.9145	0.9146	0.0001	0.8808	0.8809	-0.0001
2023-09-14T09:51:40	1	0	1	1	0	1.0561	1.0551	-0.0010	-0.9994	-0.9994	0.0000
2023-09-14T09:53:27	3	0	99	95	4	0.9203	0.9210	0.0007	0.9897	0.9899	-0.0002
2023-09-14T09:54:54	2	0	1	2	-1	1.0598	0.9992	-0.0606	0.9971	0.9866	0.0105
2023-09-14T09:55:16	2	0	68	63	5	0.9123	0.9129	0.0006	0.9535	0.9543	-0.0008
2023-09-14T09:55:34	1	0	8	8	0	1.0806	1.0805	0.0000	0.9959	0.9959	0.0000
2023-09-14T09:57:42	1	0	2	2	0	1.0458	1.0455	-0.0004	-0.9573	-0.9574	0.0001
2023-09-14T09:58:06	1	0	3	3	0	0.9560	0.9562	0.0002	0.9541	0.9546	-0.0005
2023-09-14T09:59:18	2	0	82	81	1	1.0564	1.0563	-0.0001	-0.9253	-0.9253	0.0000
2023-09-14T10:00:47	1	0	4	4	0	1.0518	1.0514	-0.0004	0.9071	0.9445	-0.0374
2023-09-14T10:03:51	1	0	3	3	0	1.0487	1.0477	-0.0010	-0.9943	-0.9944	0.0001
2023-09-14T10:05:04	2	0	3	3	0	1.0325	1.0325	0.0000	0.9815	0.9816	-0.0001
2023-09-14T10:05:46	2	0	2	2	0	1.0054	1.0051	-0.0004	0.9998	0.9997	0.0001
2023-09-14T10:05:54	1	0	28	27	1	1.0486	1.0484	-0.0002	0.9615	0.9604	0.0011
2023-09-14T10:05:57	8	0	22	17	5	1.0485	1.0476	-0.0009	0.9975	0.9971	0.0004
2023-09-14T10:06:41	1	0	1	1	0	1.0650	1.0639	-0.0011	-0.9996	-0.9996	0.0000
2023-09-14T10:06:53	1	0	3	3	0	0.9393	0.9406	0.0013	-0.9958	-0.9954	-0.0004
2023-09-14T10:06:59	1	0	8	8	0	1.0421	1.0419	-0.0002	0.9796	0.9796	0.0000
2023-09-14T10:07:28	1	0	191	191	0	1.0603	1.0603	0.0000	-0.9999	-0.9999	0.0000
2023-09-14T10:07:44	3	0	1	0	1	1.0351	null	null	-0.9919	-0.9923	0.0004
2023-09-14T10:08:28	3	0	100	100	0	0.9176	0.9184	0.0008	0.9915	0.9917	-0.0002
2023-09-14T10:09:29	1	0	9	9	0	1.0280	1.0279	-0.0001	0.9598	0.9594	0.0004
2023-09-14T10:10:04	1	0	6	6	0	1.0210	1.0210	0.0000	0.999	0.999	0.0000
2023-09-14T10:10:35	1	0	4	4	0	1.1233	1.1232	-0.0001	0.9955	0.9955	0.0000
2023-09-14T10:10:47	2	0	1	1	0	1.0374	1.0355	-0.0019	-0.9514	-0.9519	0.0005
2023-09-14T10:11:43	1	0	46	46	0	1.0617	1.0617	0.0000	0.9984	0.9982	0.0002
2023-09-14T10:12:32	1	0	1	0	1	1.0216	null	null	0.9993	0.9993	0.0000
2023-09-14T10:13:45	1	0	18	18	0	1.0450	1.0449	-0.0001	0.9657	0.9655	0.0002
2023-09-14T10:13:47	3	0	2	2	0	1.0285	1.0265	-0.0020	0.9984	0.9981	0.0003
2023-09-14T10:14:00	1	0	3	3	0	1.0062	1.0060	-0.0002	-0.9696	-0.9696	0.0000
2023-09-14T10:14:19	1	0	218	209	9	1.0602	1.0597	-0.0005	-0.8641	-0.8666	0.0025
2023-09-14T10:15:33	4	0	16	14	2	0.9429	0.9433	0.0005	0.9982	0.9983	-0.0001
2023-09-14T10:15:46	1	0	1	1	0	0.8333	0.8337	0.0004	0.9709	0.9705	0.0004
2023-09-14T10:16:08	1	0	7	7	0	1.0429	1.0426	-0.0003	0.9998	0.9998	0.0000
2023-09-14T10:17:09	2	0	72	71	1	0.9398	0.9401	0.0003	0.9711	0.9713	-0.0002
2023-09-14T10:18:01	2	0	43	40	3	0.9647	0.9627	-0.0020	0.9607	0.9607	0.0000
2023-09-14T10:18:41	3	0	97	97	0	0.9317	0.9392	0.0075	0.935	0.9353	-0.0003
2023-09-14T10:18:59	1	0	1	1	0	0.9306	0.9310	0.0004	-1	-1	0.0000
2023-09-14T10:19:06	3	0	6	6	0	1.0401	1.0398	-0.0003	0.989	0.9889	0.0001
2023-09-14T10:20:50	1	0	5	5	0	1.0097	1.0092	-0.0005	0.9995	0.9994	0.0001
2023-09-14T10:20:53	2	0	7	7	0	0.9932	0.9930	-0.0002	0.967	0.9668	0.0002
2023-09-14T10:21:01	1	0	2	2	0	1.0398	1.0394	-0.0003	-0.9975	-0.9975	0.0000
2023-09-14T10:22:47	1	0	1	1	0	1.0627	1.0624	-0.0003	0.9916	0.9915	0.0001
2023-09-14T10:22:55	1	0	4	4	0	0.9425	0.9429	0.0005	0.9932	0.9935	-0.0003
2023-09-14T10:24:30	1	0	9	9	0	1.0260	1.0257	-0.0003	0.9613	0.9609	0.0004
2023-09-14T10:24:56	1	0	2	2	0	1.0577	1.0572	-0.0006	0.991	0.989	0.0020
2023-09-14T10:25:56	1	0	15	13	2	0.9608	0.9636	0.0027	0.9924	0.9925	-0.0001
2023-09-14T10:27:24	3	0	1	1	0	0.9909	0.9920	0.0011	-0.9993	-0.9993	0.0000
2023-09-14T10:28:04	1	0	6	6	0	0.9934	0.9935	0.0000	0.9589	0.959	-0.0001
2023-09-14T10:29:11	2	0	3	3	0	1.0417	1.0414	-0.0003	-0.9845	-0.9851	0.0006
2023-09-14T10:30:46	2	0	11	11	0	1.0462	1.0461	-0.0001	0.9583	0.9581	0.0002
2023-09-14T10:33:42	2	0	145	142	3	0.9284	0.9270	-0.0014	0.9359	0.9358	0.0001
2023-09-14T10:35:38	1	0	1	0	1	1.0558	null	null	-1	-1	0.0000
2023-09-14T10:35:52	2	0	2	2	0	1.0055	1.0051	-0.0005	0.9989	0.9987	0.0002
2023-09-14T10:38:30	1	0	95	95	0	0.9207	0.9208	0.0000	0.9904	0.9905	-0.0001

2023-09-14T10:40:25	1	0	10	10	0	1.0523	1.0521	-0.0002	0.9968	0.9968	0.0000
2023-09-14T10:41:50	1	0	20	18	2	0.9538	0.9551	0.0012	0.9777	0.9776	0.0001
2023-09-14T10:43:05	1	0	8	8	0	1.0148	1.0147	0.0000	0.9642	0.9641	0.0001
2023-09-14T10:49:08	1	0	5	5	0	1.0447	1.0446	0.0000	0.9885	0.9885	0.0000
2023-09-14T10:49:51	2	0	1	0	1	1.0455	null	null	0.9764	0.9757	0.0007
2023-09-14T10:50:29	2	0	7	7	0	1.0475	1.0472	-0.0003	0.9241	0.9234	0.0007
2023-09-14T10:51:15	1	0	17	17	0	1.0499	1.0498	-0.0001	0.8575	0.8537	0.0038
2023-09-14T10:55:07	2	0	2	1	1	1.0564	1.0559	-0.0005	-0.9963	-0.9965	0.0002
2023-09-14T10:55:07	1	0	3	3	0	1.0139	1.0138	-0.0001	0.9998	0.9998	0.0000
2023-09-14T10:56:50	2	0	3	3	0	0.9789	0.9781	-0.0008	0.9878	0.9856	0.0022
2023-09-14T10:58:09	1	0	49	46	3	1.0524	1.0522	-0.0002	-0.9997	-0.9998	0.0001
2023-09-14T10:58:24	1	0	2	2	0	1.0258	1.0254	-0.0004	0.9924	0.9923	0.0001
2023-09-14T11:01:31	1	0	3	3	0	1.0349	1.0344	-0.0005	0.9823	0.9815	0.0008
2023-09-14T11:02:34	1	0	1	1	0	1.0569	1.0558	-0.0011	0.9508	0.9506	0.0002
2023-09-14T11:04:04	5	0	5	5	0	0.9925	0.9928	0.0003	0.9994	0.9995	-0.0001
2023-09-14T11:04:09	1	0	5	5	0	1.0447	1.0446	-0.0001	0.9878	0.9878	0.0000
2023-09-14T11:04:10	2	0	5	4	1	1.0481	1.0459	-0.0022	0.9516	0.9517	-0.0001
2023-09-14T11:05:49	1	0	1	0	1	1.0553	null	null	0.9999	0.9999	0.0000
2023-09-14T11:06:11	1	0	17	15	2	1.0523	1.0508	-0.0015	0.9968	0.9966	0.0002
2023-09-14T11:20:15	2	0	37	36	1	0.9298	0.9263	-0.0035	0.8915	0.8917	-0.0002
2023-09-14T11:20:58	1	0	2	2	0	1.0565	1.0561	-0.0004	1	1	0.0000
2023-09-14T11:21:49	2	0	5	5	0	1.0264	1.0263	-0.0002	-0.9996	-0.9996	0.0000
2023-09-14T11:24:55	1	0	6	6	0	1.0505	1.0500	-0.0005	0.9473	0.9434	0.0039
2023-09-14T11:25:00	1	0	5	5	0	1.0006	1.0005	-0.0001	0.9947	0.9946	0.0001
2023-09-14T11:25:35	1	0	1	1	0	1.0254	1.0246	-0.0008	0.9998	0.9997	0.0001
2023-09-14T11:29:24	2	0	113	113	0	1.0578	1.0579	0.0000	-0.8683	-0.8702	0.0019
2023-09-14T11:30:11	1	0	1	1	0	1.0086	1.0084	-0.0002	-0.9796	-0.9794	-0.0002
2023-09-14T11:30:53	1	0	1	0	1	1.0452	null	null	0.9372	0.968	-0.0308
2023-09-14T11:33:04	2	0	36	36	0	0.9613	0.9613	-0.0001	0.9753	0.975	0.0003
2023-09-14T11:35:16	2	0	1	1	0	1.0565	1.0556	-0.0009	-0.7536	-0.7548	0.0012
2023-09-14T11:35:26	1	0	4	4	0	0.9922	0.9920	-0.0002	0.9912	0.9911	0.0001
2023-09-14T11:35:58	2	0	5	5	0	1.0005	1.0005	0.0000	0.9658	0.9659	-0.0001
2023-09-14T11:36:06	1	0	1	1	0	1.0574	1.0570	-0.0004	0.9999	0.9999	0.0000
2023-09-14T11:36:53	1	0	2	2	0	1.0345	1.0343	-0.0002	-0.9991	-0.999	-0.0001
2023-09-14T11:36:59	1	0	8	9	-1	0.9391	0.9394	0.0004	-0.9926	-0.9926	0.0000
2023-09-14T11:39:59	1	0	3	3	0	1.0511	1.0505	-0.0006	0.9502	0.9488	0.0014
2023-09-14T11:40:01	2	0	4	4	0	1.0481	1.0481	-0.0001	0.9949	0.9961	-0.0012
2023-09-14T11:40:41	1	0	3	3	0	1.1805	1.1804	-0.0001	0.9891	0.9891	0.0000
2023-09-14T11:41:01	1	0	4	4	0	1.0150	1.0150	0.0000	0.9927	0.9927	0.0000
2023-09-14T11:45:23	5	0	60	59	1	0.9443	0.9443	0.0000	0.9541	0.9546	-0.0005
2023-09-14T11:45:25	1	0	2	2	0	1.0062	1.0062	-0.0001	-0.9847	-0.9846	-0.0001
2023-09-14T11:45:56	11	0	1	1	0	0.9417	0.9428	0.0011	0.9984	0.9987	-0.0003
2023-09-14T11:46:52	2	0	1	1	0	1.0565	1.0555	-0.0010	-0.9923	-0.9924	0.0001
2023-09-14T11:48:15	2	0	14	13	1	0.9838	0.9781	-0.0056	0.9685	0.9683	0.0002
2023-09-14T11:50:27	1	0	1	1	0	1.0454	1.0454	0.0000	0.9948	0.9948	0.0000
2023-09-14T11:50:33	2	0	3	5	-2	1.0470	1.0463	-0.0006	0.9223	0.9225	-0.0002
2023-09-14T11:50:59	2	0	4	4	0	1.0021	1.0021	0.0000	0.9643	0.9645	-0.0002
2023-09-14T11:51:11	1	0	1	1	0	1.0594	1.0592	-0.0002	0.9997	0.9997	0.0000
2023-09-14T11:52:00	1	0	5	6	-1	0.9382	0.9388	0.0006	-0.9898	-0.9899	0.0001
2023-09-14T11:55:02	1	0	97	21	76	1.0564	1.0569	0.0006	0.979	0.9784	0.0006
2023-09-14T11:56:02	1	0	4	4	0	1.0154	1.0154	0.0000	0.9933	0.9932	0.0001
2023-09-14T12:00:24	5	0	1	1	0	1.0640	1.0639	-0.0001	0.9728	0.9726	0.0002
2023-09-14T12:02:06	1	0	23	22	1	1.0489	1.0485	-0.0003	-0.9887	-0.9887	0.0000
2023-09-14T12:05:28	2	0	8	7	1	1.0501	1.0492	-0.0009	0.9999	0.9999	0.0000
2023-09-14T12:05:34	2	0	3	4	-1	1.0470	1.0466	-0.0004	0.921	0.9212	-0.0002
2023-09-14T12:06:00	2	0	4	4	0	0.9972	0.9972	0.0000	0.9661	0.9662	-0.0001
2023-09-14T12:10:06	1	0	158	148	10	1.0609	1.0600	-0.0009	0.9475	0.9465	0.0010
2023-09-14T12:11:03	1	0	4	4	0	1.0165	1.0165	0.0000	0.9944	0.9944	0.0000
2023-09-14T12:30:26	3	0	1	1	0	1.0587	1.0587	0.0000	0.9732	0.9731	0.0001
2023-09-14T12:50:21	2	0	1	1	0	1.0585	1.0585	0.0000	-0.7098	-0.7075	-0.0023
2023-09-14T12:50:37	2	0	3	4	-1	0.9994	1.0108	0.0114	0.9193	0.9194	-0.0001
2023-09-14T13:00:43	1	0	1	1	0	1.0074	1.0070	-0.0004	-0.9815	-0.9814	-0.0001
2023-09-14T13:10:20	3	0	5	5	0	1.0379	1.0373	-0.0007	0.9946	0.9959	-0.0013
2023-09-14T13:16:40	1	0	5	5	0	0.9546	0.9548	0.0002	0.9992	0.9993	-0.0001
2023-09-14T13:17:02	2	0	1	0	1	1.0575	null	null	-0.9824	-0.9823	-0.0001
2023-09-14T13:22:09	1	0	5	6	-1	0.9382	0.9388	0.0006	-0.9844	-0.9846	0.0002
2023-09-14T13:25:21	1	0	7	7	0	0.9793	0.9791	-0.0001	0.9956	0.9944	0.0012
2023-09-14T13:40:22	3	0	4	4	0	1.0337	1.0336	-0.0002	0.9942	0.9942	0.0000
2023-09-14T13:41:40	1	0	5	5	0	0.9444	0.9449	0.0005	0.969	0.969	0.0000
2023-09-14T13:51:26	2	0	2	3	-1	1.0590	1.0576	-0.0014	0.9997	0.9997	0.0000
2023-09-14T14:02:06	2	0	1	0	1	1.0553	null	null	-0.9849	-0.9849	0.0000
2023-09-14T14:04:22	5	0	1	2	-1	1.0344	1.0448	0.0104	0.9915	0.9916	-0.0001
2023-09-14T14:05:19	2	0	9	10	-1	1.0430	1.0433	0.0003	0.9731	0.9731	0.0000
2023-09-14T14:05:26	2	0	1	1	0	1.0559	1.0555	-0.0004	-0.6986	-0.7422	0.0436
2023-09-14T14:06:15	5	0	3	4	-1	1.0229	1.0311	0.0082	0.9946	-0.9999	-0.0055
2023-09-14T14:06:38	1	0	1	1	0	1.0566	1.0561	-0.0005	0.9999	0.9999	0.0000
2023-09-14T14:07:12	1	0	8	8	0	0.9365	0.9369	0.0005	-0.9812	-0.9808	-0.0004
2023-09-14T14:08:13	1	0	6	8	-2	0.9505	0.9489	-0.0015	0.9985	0.9986	-0.0001
2023-09-14T14:08:36	4	0	16	16	0	1.0301	1.0298	-0.0002	0.9997	0.9996	0.0001
2023-09-14T14:10:24	2	0	28	28	0	0.9882	0.9879	-0.0003	0.9863	0.9881	-0.0018
2023-09-14T14:10:38	1	0	1	1	0	1.0564	1.0563	-0.0001	-0.9998	-1	0.0002
2023-09-14T14:16:44	1	0	4	4	0	0.9387	0.9389	0.0002	0.9977	0.9978	-0.0001
2023-09-14T14:17:25	1	0	1	0	1	0.9935	null	null	1	1	0.0000
2023-09-14T14:18:53	2	0	21	21	0	0.9604	0.9604	0.0000	0.9639	0.9637	0.0002
2023-09-14T14:19:12	1	0	2	2	0	1.0599	1.0597	-0.0003	0.9925	0.9896	0.0029

2023-09-14T14:19:38	5	0	60	60	0	0.9455	0.9455	0.0000	0.9996	0.9996	0.0000
2023-09-14T14:20:32	4	0	177	175	2	0.9119	0.9079	-0.0040	0.8694	0.8692	0.0002
2023-09-14T14:20:53	1	0	66	59	7	0.9414	0.9417	0.0003	-0.9957	-0.9955	-0.0002
2023-09-14T14:21:47	2	0	17	16	1	1.0499	1.0499	0.0000	0.7726	0.772	0.0006
2023-09-14T14:21:55	1	0	2	2	0	1.0571	1.0567	-0.0003	0.9996	0.9996	0.0000
2023-09-14T14:22:13	1	0	3	3	0	0.9379	0.9386	0.0007	-0.9769	-0.9765	-0.0004
2023-09-14T14:23:14	1	0	13	13	0	0.9463	0.9464	0.0001	0.9972	0.9974	-0.0002
2023-09-14T14:23:37	5	0	15	15	0	1.0240	1.0239	-0.0001	0.9985	0.9985	0.0000
2023-09-14T14:25:25	2	0	8	8	0	0.9791	0.9790	-0.0001	0.9929	0.9928	0.0001
2023-09-14T14:25:52	1	0	3	3	0	1.1843	1.1843	0.0000	0.9893	0.9894	-0.0001
2023-09-14T14:26:13	2	0	1	1	0	1.0359	1.0358	-0.0001	-0.968	-0.9677	-0.0003
2023-09-14T14:27:11	2	0	36	36	0	0.9257	0.9257	0.0000	0.9807	0.9807	0.0000
2023-09-14T14:27:23	1	0	242	243	-1	0.8435	0.8438	0.0003	0.9959	0.996	-0.0001
2023-09-14T14:27:55	1	0	3	4	-1	1.0331	1.0277	-0.0055	-0.9929	-0.9929	0.0000
2023-09-14T14:27:57	3	0	2	2	0	0.9910	0.9911	0.0001	-1	-1	0.0000
2023-09-14T14:28:22	2	0	9	9	0	1.0115	1.0114	-0.0001	0.9621	0.9619	0.0002
2023-09-14T14:29:02	2	0	13	13	0	1.0486	1.0485	-0.0001	0.9588	0.9436	0.0152
2023-09-14T14:29:37	1	0	91	91	0	1.0565	1.0565	0.0000	-0.887	-0.8876	0.0006
2023-09-14T14:31:17	3	0	11	11	0	0.9434	0.9436	0.0003	0.999	0.999	0.0000
2023-09-14T14:31:45	1	0	4	4	0	0.9602	0.9603	0.0001	0.9981	0.9981	0.0000
2023-09-14T14:31:51	1	0	1	0	1	1.0309	null	null	0.9902	0.9901	0.0001
2023-09-14T14:34:14	2	0	22	21	1	0.9592	0.9599	0.0007	0.9662	0.9659	0.0003
2023-09-14T14:34:49	5	0	65	62	3	0.9449	0.9446	-0.0003	0.9994	0.9994	0.0000
2023-09-14T14:35:21	2	0	1	1	0	1.0421	1.0417	-0.0004	0.9797	0.9796	0.0001
2023-09-14T14:35:36	5	0	408	382	26	0.8469	0.8470	0.0001	0.8377	0.8306	0.0071
2023-09-14T14:35:44	2	0	3	3	0	1.0465	1.0461	-0.0005	0.9222	0.9216	0.0006
2023-09-14T14:36:20	3	0	3	3	0	1.0213	1.0204	-0.0009	1	1	0.0000
2023-09-14T14:36:54	2	0	16	15	1	1.0513	1.0512	-0.0001	0.8075	0.805	0.0025
2023-09-14T14:37:08	1	0	1	1	0	1.0572	1.0565	-0.0007	0.9998	0.9998	0.0000
2023-09-14T14:37:14	1	0	3	3	0	0.9414	0.9417	0.0003	-0.9707	-0.9703	-0.0004
2023-09-14T14:38:15	1	0	9	9	0	0.9477	0.9478	0.0001	0.9988	0.9989	-0.0001
2023-09-14T14:38:38	5	0	11	11	0	1.0244	1.0244	0.0000	0.9983	0.9983	0.0000
2023-09-14T14:38:47	1	0	1	1	0	0.9436	0.9440	0.0004	0.9905	0.9906	-0.0001
2023-09-14T14:40:26	2	0	12	12	0	0.9714	0.9714	-0.0001	0.9875	0.9894	-0.0019
2023-09-14T14:41:18	2	0	1	1	0	1.0394	1.0387	-0.0007	-0.9703	-0.9704	0.0001
2023-09-14T14:41:18	1	0	6	6	0	1.0152	1.0152	-0.0001	0.989	0.9889	0.0001
2023-09-14T14:42:39	1	0	200	200	0	0.9090	0.9093	0.0003	0.9662	0.9662	0.0000
2023-09-14T14:42:56	2	0	6	6	0	0.9657	0.9660	0.0002	-0.9999	-0.9999	0.0000
2023-09-14T14:43:04	3	0	2	2	0	0.9886	0.9888	0.0001	1	1	0.0000
2023-09-14T14:43:23	1	0	7	7	0	1.0051	1.0052	0.0001	0.9584	0.9586	-0.0002
2023-09-14T14:44:04	1	0	6	6	0	1.0462	1.0461	0.0000	0.9558	0.9558	0.0000
2023-09-14T14:44:38	1	0	49	49	0	1.0533	1.0533	0.0000	-0.9068	-0.9074	0.0006
2023-09-14T14:46:06	1	0	1	1	0	1.0318	1.0318	0.0000	0.994	0.9938	0.0002
2023-09-14T14:46:10	1	0	1	1	0	1.0028	1.0025	-0.0003	-0.9797	-0.9795	-0.0002
2023-09-14T14:46:17	1	0	8	8	0	0.9996	0.9998	0.0002	-0.9431	-0.9432	0.0001
2023-09-14T14:50:41	1	0	427	428	-1	0.8717	0.8744	0.0026	0.8283	0.8285	-0.0002
2023-09-14T14:51:23	1	0	3	3	0	1.0227	1.0222	-0.0005	-1	-1	0.0000
2023-09-14T14:55:36	1	0	1	1	0	1.0358	1.0338	-0.0020	0.9868	0.9864	0.0004
2023-09-14T14:55:54	1	0	3	3	0	1.1752	1.1752	0.0000	0.9894	0.9895	-0.0001
2023-09-14T14:56:12	1	0	5	5	0	0.9998	0.9998	0.0000	0.9769	0.9765	0.0004
2023-09-14T15:17:29	1	0	1	1	0	1.0353	1.0344	-0.0009	0.9993	0.9993	0.0000
2023-09-14T15:31:49	1	0	24	20	4	0.9468	0.9468	0.0000	0.9954	0.9955	-0.0001
2023-09-14T15:31:57	1	0	57	47	10	1.0596	1.0597	0.0001	0.9966	0.9965	0.0001
2023-09-14T15:34:22	6	0	390	386	4	0.8272	0.8303	0.0031	0.9962	0.9966	-0.0004
2023-09-14T15:40:02	1	0	54	53	1	0.9927	0.9929	0.0001	-1	-1	0.0000
2023-09-14T15:41:48	1	0	1	1	0	0.9429	0.9435	0.0006	0.9692	0.9693	-0.0001
2023-09-14T15:43:00	2	0	99	97	2	0.9322	0.9327	0.0006	0.9961	0.9962	-0.0001
2023-09-14T16:10:45	1	0	1	1	0	0.9429	0.9442	0.0013	0.9724	0.9727	-0.0003
2023-09-14T16:19:40	2	0	6	6	0	1.0183	1.0177	-0.0006	-0.9984	-0.9985	0.0001
2023-09-14T16:28:04	1	0	31	31	0	1.0368	1.0367	0.0000	-0.9956	-0.9957	0.0001
2023-09-14T16:29:45	1	0	93	93	0	1.0568	1.0568	0.0000	-0.92	-0.9209	0.0009
2023-09-14T16:35:56	1	0	439	441	-2	0.8674	0.8674	-0.0001	0.8367	0.8368	-0.0001
2023-09-14T16:36:21	2	0	7	7	0	1.0049	1.0048	-0.0001	0.9758	0.9758	0.0000
2023-09-14T16:42:32	1	0	84	84	0	0.9174	0.9175	0.0000	0.999	0.999	0.0000
2023-09-14T17:10:36	1	0	2	2	0	1.0166	1.0166	-0.0001	0.9981	0.998	0.0001
2023-09-15T07:57:55	1	0	6	6	0	0.9673	0.9674	0.0001	0.9661	0.966	0.0001
2023-09-15T07:59:13	1	0	51	51	0	1.0519	1.0519	0.0000	-0.8599	-0.8591	-0.0008
2023-09-15T08:12:56	1	0	11	11	0	0.9602	0.9603	0.0000	0.9598	0.9598	0.0000
2023-09-15T08:18:37	1	0	8	8	0	1.0020	1.0022	0.0002	0.9655	0.9655	0.0000
2023-09-15T08:20:25	3	0	247	247	0	1.0584	1.0583	-0.0001	-0.9934	-0.9934	0.0000
2023-09-15T08:25:41	1	0	2	2	0	1.0238	1.0236	-0.0001	-0.9534	-0.9529	-0.0005
2023-09-15T08:36:49	1	0	3	3	0	0.9411	0.9414	0.0003	0.9978	0.9981	-0.0003
2023-09-15T08:40:17	1	0	83	81	2	1.0555	1.0555	0.0000	-0.9998	-0.9998	0.0000
2023-09-15T08:51:52	1	0	69	68	1	1.0570	1.0569	-0.0001	0.9671	0.9668	0.0003
2023-09-15T09:03:40	1	0	12	12	0	1.0102	1.0100	-0.0001	0.9705	0.9704	0.0001
2023-09-15T09:03:57	5	0	49	49	0	0.9459	0.9460	0.0001	-0.9998	-0.9998	0.0000
2023-09-15T09:05:52	2	0	7	7	0	0.9916	0.9915	-0.0001	0.9643	0.9643	0.0000
2023-09-15T09:16:34	1	0	9	9	0	1.0354	1.0354	-0.0001	0.9842	0.9839	0.0003
2023-09-15T09:17:23	2	0	8	8	0	1.0353	1.0350	-0.0003	0.9793	0.9792	0.0001
2023-09-15T09:18:41	2	0	16	15	1	0.9887	0.9916	0.0029	0.9669	0.9671	-0.0002
2023-09-15T09:20:29	1	0	26	26	0	1.0517	1.0517	0.0000	-0.9981	-0.9981	0.0000
2023-09-15T09:20:53	1	0	138	132	6	1.0495	1.0494	-0.0001	0.989	0.9889	0.0001
2023-09-15T09:25:09	1	0	1	1	0	1.0213	1.0209	-0.0004	0.9955	0.9955	0.0000
2023-09-15T09:25:17	1	0	5	5	0	0.9102	0.9104	0.0003	0.9704	0.9707	-0.0003
2023-09-15T09:27:44	1	0	2	2	0	1.0213	1.0210	-0.0002	0.985	0.9849	0.0001

2023-09-15T09:28:23	1	0	3	3	0	1.0282	1.0281	-0.0001	0.989	0.9889	0.0001
2023-09-15T09:29:12	2	0	2	2	0	1.0289	1.0286	-0.0003	-0.9717	-0.972	0.0003
2023-09-15T09:31:56	1	0	4	4	0	1.0387	1.0385	-0.0002	-0.9997	-0.9997	0.0000
2023-09-15T09:35:22	1	0	2	2	0	1.0317	1.0315	-0.0002	0.9981	0.998	0.0001
2023-09-15T09:42:35	1	0	2	2	0	1.0293	1.0285	-0.0008	-1	-1	0.0000
2023-09-15T09:45:48	1	0	1	1	0	0.8457	0.8460	0.0003	0.9761	0.9758	0.0003
2023-09-15T09:46:36	1	0	6	6	0	1.0300	1.0300	0.0000	0.9792	0.979	0.0002
2023-09-15T09:50:03	2	0	5	5	0	1.0242	1.0239	-0.0002	0.9746	0.9745	0.0001
2023-09-15T09:50:40	1	0	18	18	0	1.0456	1.0463	0.0007	-0.9991	-0.9992	0.0001
2023-09-15T09:50:50	1	0	6	6	0	1.0103	1.0101	-0.0002	0.9973	0.9971	0.0002
2023-09-15T09:50:55	3	0	230	225	5	1.0519	1.0518	-0.0001	0.9905	0.9896	0.0009
2023-09-15T09:55:13	1	0	2	2	0	1.0583	1.0581	-0.0002	0.9947	0.9947	0.0000
2023-09-15T09:55:37	1	0	14	14	0	1.0657	1.0657	0.0000	0.9973	0.9973	0.0000
2023-09-15T09:56:52	1	0	2	2	0	1.0517	1.0515	-0.0002	0.9974	0.9972	0.0002
2023-09-15T09:58:44	1	0	28	27	1	1.0475	1.0474	-0.0001	0.9701	0.9699	0.0002
2023-09-15T09:58:49	2	0	1	0	1	1.0325	null	null	0.999	0.9989	0.0001
2023-09-15T09:59:21	1	0	64	64	0	1.0535	1.0535	0.0000	-0.8649	-0.8661	0.0012
2023-09-15T10:00:49	1	0	1	1	0	0.8595	0.8595	0.0000	0.978	0.978	0.0000
2023-09-15T10:01:37	1	0	7	7	0	1.0349	1.0348	-0.0001	0.9821	0.9819	0.0002
2023-09-15T10:02:12	1	0	12	12	0	0.9866	0.9866	-0.0001	0.9784	0.9785	-0.0001
2023-09-15T10:02:57	1	0	19	19	0	0.9908	0.9906	-0.0002	0.9609	0.9609	0.0000
2023-09-15T10:05:04	2	0	5	5	0	1.0230	1.0227	-0.0003	0.9758	0.9757	0.0001
2023-09-15T10:05:48	8	0	24	22	2	1.0493	1.0483	-0.0010	-0.999	-0.9992	0.0002
2023-09-15T10:05:55	2	0	5	5	0	0.9994	0.9992	-0.0002	0.9663	0.9661	0.0002
2023-09-15T10:06:04	3	0	183	159	24	1.0514	1.0512	-0.0002	0.9761	0.9728	0.0033
2023-09-15T10:06:36	1	0	1	0	1	1.0559	null	null	-0.9993	-0.9993	0.0000
2023-09-15T10:06:57	1	0	20	18	2	1.0509	1.0506	-0.0003	0.9875	0.9875	0.0000
2023-09-15T10:08:31	3	0	1	0	1	0.9858	null	null	0.9906	0.9906	0.0000
2023-09-15T10:10:01	1	0	5	5	0	1.0168	1.0167	-0.0001	0.9997	0.9997	0.0000
2023-09-15T10:10:20	1	0	3	3	0	0.8878	0.8879	0.0001	0.9709	0.9713	-0.0004
2023-09-15T10:10:23	2	0	31	28	3	1.0548	1.0546	-0.0002	0.9999	0.9999	0.0000
2023-09-15T10:10:38	1	0	5	5	0	1.1093	1.1092	-0.0001	0.9956	0.9955	0.0001
2023-09-15T10:12:26	2	0	1	1	0	0.9983	0.9988	0.0005	-0.9971	-0.9985	0.0014
2023-09-15T10:12:41	1	0	2	2	0	1.0272	1.0262	-0.0010	1	1	0.0000
2023-09-15T10:12:47	1	0	1	1	0	1.0181	1.0175	-0.0006	0.9836	0.9834	0.0002
2023-09-15T10:13:26	1	0	1	1	0	1.0262	1.0256	-0.0006	0.9875	0.9874	0.0001
2023-09-15T10:14:14	2	0	3	3	0	1.0438	1.0435	-0.0003	-0.971	-0.9716	0.0006
2023-09-15T10:14:22	1	0	47	44	3	1.0518	1.0512	-0.0007	-0.867	-0.8696	0.0026
2023-09-15T10:17:36	1	0	12	11	1	0.9780	0.9811	0.0031	0.9754	0.9756	-0.0002
2023-09-15T10:18:50	3	0	11	10	1	0.9422	0.9517	0.0095	0.9618	0.9622	-0.0004
2023-09-15T10:19:06	3	0	3	3	0	1.0505	1.0500	-0.0005	0.9925	0.9924	0.0001
2023-09-15T10:20:23	1	0	10	10	0	1.0438	1.0436	-0.0001	0.9999	0.9999	0.0000
2023-09-15T10:20:52	3	0	4	4	0	1.0100	1.0094	-0.0006	0.9998	0.9996	0.0002
2023-09-15T10:20:59	1	0	3	3	0	1.0413	1.0411	-0.0002	-0.9972	-0.9972	0.0000
2023-09-15T10:21:56	1	0	1	1	0	0.9432	0.9446	0.0014	-0.9789	-0.9777	-0.0012
2023-09-15T10:22:47	3	0	4	4	0	1.0382	1.0376	-0.0006	-0.9882	-0.9887	0.0005
2023-09-15T10:22:50	1	0	1	1	0	1.0633	1.0630	-0.0003	0.9994	0.9994	0.0000
2023-09-15T10:24:29	3	0	10	10	0	1.0281	1.0279	-0.0002	0.9649	0.9643	0.0006
2023-09-15T10:25:15	2	0	2	2	0	1.0613	1.0597	-0.0016	0.9944	0.9942	0.0002
2023-09-15T10:25:49	2	0	1	1	0	1.0380	1.0351	-0.0029	-0.9532	-0.9538	0.0006
2023-09-15T10:26:48	1	0	3	3	0	0.9774	0.9773	-0.0001	0.9928	0.9923	0.0005
2023-09-15T10:27:34	1	0	2	2	0	1.0028	1.0030	0.0002	-0.9967	-0.9982	0.0015
2023-09-15T10:28:05	3	0	10	10	0	1.0107	1.0111	0.0004	0.9493	0.9492	0.0001
2023-09-15T10:30:57	1	0	56	55	1	1.0564	1.0564	0.0000	0.9628	0.9627	0.0001
2023-09-15T10:31:14	1	0	3	3	0	1.0332	1.0326	-0.0005	-1	-1	0.0000
2023-09-15T10:32:33	1	0	2	2	0	1.0173	1.0167	-0.0006	0.9617	0.9615	0.0002
2023-09-15T10:32:53	1	0	1	0	1	0.9999	null	null	0.9628	0.9627	0.0001
2023-09-15T10:34:06	2	0	16	16	0	1.0476	1.0472	-0.0004	0.9918	0.9917	0.0001
2023-09-15T10:35:12	1	0	60	57	3	0.9187	0.9189	0.0001	0.8722	0.8724	-0.0002
2023-09-15T10:35:56	1	0	8	8	0	1.0067	1.0066	-0.0001	0.9942	0.9999	-0.0057
2023-09-15T10:37:41	2	0	14	14	0	1.0444	1.0442	-0.0003	0.9999	0.9999	0.0000
2023-09-15T10:41:04	1	0	5	5	0	1.0174	1.0173	-0.0001	0.9918	0.9918	0.0000
2023-09-15T10:43:10	1	0	7	7	0	0.9935	0.9937	0.0002	0.9465	0.9466	-0.0001
2023-09-15T10:44:27	1	0	7	7	0	1.0453	1.0452	-0.0001	-0.9987	-0.9988	0.0001
2023-09-15T10:45:58	1	0	52	52	0	1.0563	1.0563	0.0000	0.9621	0.9618	0.0003
2023-09-15T10:47:01	1	0	1	1	0	1.0556	1.0552	-0.0004	-0.9991	-0.9991	0.0000
2023-09-15T10:48:55	1	0	38	37	1	0.9360	0.9364	0.0005	-1	-1	0.0000
2023-09-15T10:49:14	1	0	105	99	6	1.0604	1.0602	-0.0002	-0.9986	-0.9987	0.0001
2023-09-15T10:50:13	1	0	2	1	1	1.0010	1.0554	0.0544	0.8968	0.896	0.0008
2023-09-15T10:50:36	1	0	7	7	0	1.0307	1.0306	-0.0001	0.9262	0.926	0.0002
2023-09-15T10:55:04	1	0	6	6	0	1.0211	1.0210	-0.0001	0.9999	0.9999	0.0000
2023-09-15T10:55:24	1	0	7	7	0	0.9766	0.9766	0.0000	0.9743	0.9742	0.0001
2023-09-15T10:56:50	2	0	2	2	0	0.9993	0.9983	-0.0010	0.9943	0.9958	-0.0015
2023-09-15T10:58:48	1	0	20	20	0	1.0452	1.0452	0.0000	0.963	0.9627	0.0003
2023-09-15T10:59:49	1	0	61	57	4	1.0528	1.0526	-0.0002	0.9996	0.9996	0.0000
2023-09-15T11:00:36	1	0	1	1	0	0.9436	0.9442	0.0006	0.9998	0.9998	0.0000
2023-09-15T11:01:41	1	0	9	9	0	1.0337	1.0335	-0.0001	0.9786	0.9782	0.0004
2023-09-15T11:02:55	1	0	1	1	0	1.0012	1.0008	-0.0004	0.9576	0.9574	0.0002
2023-09-15T11:03:53	3	0	145	139	6	0.9378	0.9276	-0.0102	0.923	0.923	0.0000
2023-09-15T11:03:56	1	0	1	1	0	1.0313	1.0307	-0.0006	-0.9974	-0.9974	0.0000
2023-09-15T11:04:30	1	0	6	5	1	1.0488	1.0506	0.0017	0.9934	0.9932	0.0002
2023-09-15T11:05:17	1	0	1	0	1	1.0560	null	null	-0.6792	-0.6784	-0.0008
2023-09-15T11:05:41	1	0	1	0	1	1.0553	null	null	-1	-1	0.0000
2023-09-15T11:06:01	1	0	9	9	0	1.0088	1.0086	-0.0002	0.9949	1	-0.0051
2023-09-15T11:06:04	2	0	21	21	0	1.0536	1.0534	-0.0002	-0.9996	-1	0.0004

2023-09-15T11:10:03	1	0	169	164	5	1.0636	1.0613	-0.0023	0.9648	0.9608	0.0040
2023-09-15T11:17:56	1	0	1	1	0	0.9402	0.9405	0.0003	0.9547	0.9548	-0.0001
2023-09-15T11:19:34	5	0	2	2	0	0.9900	0.9908	0.0007	-1	-1	0.0000
2023-09-15T11:20:38	2	0	6	6	0	1.0278	1.0275	-0.0003	0.9235	0.9228	0.0007
2023-09-15T11:20:52	1	0	1	1	0	1.0580	1.0569	-0.0011	-0.9998	-0.9998	0.0000
2023-09-15T11:28:02	1	0	2	2	0	1.0290	1.0282	-0.0008	1	1	0.0000
2023-09-15T11:28:12	4	0	20	18	2	0.9742	0.9743	0.0001	0.9347	0.9348	-0.0001
2023-09-15T11:28:55	2	0	3	3	0	1.0459	1.0458	-0.0001	0.999	0.9999	-0.0009
2023-09-15T11:29:40	1	0	6	6	0	1.0445	1.0445	-0.0001	-0.9998	-0.9998	0.0000
2023-09-15T11:32:02	1	0	3	3	0	1.0330	1.0328	-0.0003	-1	-1	0.0000
2023-09-15T11:32:04	2	0	2	2	0	1.0370	1.0363	-0.0007	-0.9994	-0.9994	0.0000
2023-09-15T11:32:32	2	0	1	1	0	1.0249	1.0249	0.0000	0.9666	0.9668	-0.0002
2023-09-15T11:33:31	2	0	21	14	7	1.0450	1.0400	-0.0051	0.9696	0.9694	0.0002
2023-09-15T11:33:32	2	0	16	16	0	1.0197	1.0196	-0.0001	0.9727	0.9724	0.0003
2023-09-15T11:34:43	6	0	4	4	0	1.0557	1.0556	-0.0001	0.9929	0.9929	0.0000
2023-09-15T11:35:19	2	0	1	1	0	1.0566	1.0557	-0.0009	-0.7006	-0.7017	0.0011
2023-09-15T11:35:59	1	0	2	2	0	1.0576	1.0573	-0.0002	-1	-1	0.0000
2023-09-15T11:36:01	2	0	4	4	0	0.9953	0.9953	0.0000	0.9632	0.9633	-0.0001
2023-09-15T11:36:10	6	0	4	7	-3	1.0217	1.0352	0.0135	0.9997	-1	-0.0003
2023-09-15T11:36:49	1	0	6	6	0	1.0443	1.0443	0.0000	-0.9972	-0.9971	-0.0001
2023-09-15T11:36:58	2	0	5	5	0	1.0516	1.0513	-0.0002	-0.9997	-0.9997	0.0000
2023-09-15T11:38:00	2	0	14	14	0	1.0364	1.0365	0.0001	0.9998	0.9998	0.0000
2023-09-15T11:40:18	1	0	139	124	15	1.0621	1.0601	-0.0021	0.9833	0.9821	0.0012
2023-09-15T11:41:53	3	0	2	3	-1	0.9996	1.0149	0.0154	0.9924	0.9926	-0.0002
2023-09-15T11:46:44	3	0	6	6	0	1.0320	1.0320	-0.0001	0.9761	0.976	0.0001
2023-09-15T11:47:33	2	0	1	1	0	1.0243	1.0243	0.0000	0.9685	0.9686	-0.0001
2023-09-15T11:48:44	2	0	14	14	0	1.0179	1.0177	-0.0001	0.969	0.9687	0.0003
2023-09-15T11:49:49	5	0	2	2	0	1.0416	1.0416	0.0000	-0.9978	-0.9978	0.0000
2023-09-15T11:50:20	2	0	2	3	-1	1.0581	1.0538	-0.0043	-0.6545	-0.6532	-0.0013
2023-09-15T11:50:29	2	0	10	9	1	1.0494	1.0484	-0.0011	0.9999	0.9999	0.0000
2023-09-15T11:51:02	2	0	6	7	-1	0.9962	0.9984	0.0022	0.9641	0.9642	-0.0001
2023-09-15T11:51:14	6	0	5	5	0	1.0106	1.0103	-0.0003	1	0.9934	0.0066
2023-09-15T11:55:22	1	0	186	174	12	1.0672	1.0656	-0.0016	0.9654	0.9643	0.0011
2023-09-15T11:56:11	1	0	4	4	0	1.0181	1.0181	0.0000	0.9923	0.9923	0.0000
2023-09-15T11:56:54	3	0	2	2	0	0.9992	0.9992	0.0000	0.9925	0.9926	-0.0001
2023-09-15T11:58:08	1	0	2	2	0	1.0281	1.0278	-0.0002	1	1	0.0000
2023-09-15T11:58:20	4	0	5	5	0	1.0512	1.0512	0.0000	0.9455	0.9453	0.0002
2023-09-15T12:01:45	1	0	5	5	0	1.0369	1.0368	0.0000	0.9754	0.9753	0.0001
2023-09-15T12:03:54	2	0	21	23	-2	1.0349	1.0318	-0.0031	0.9717	0.9714	0.0003
2023-09-15T12:04:56	5	0	6	7	-1	1.0574	1.0558	-0.0016	0.993	0.9922	0.0008
2023-09-15T12:05:01	5	0	2	2	0	1.0416	1.0416	0.0000	-0.9981	-0.9981	0.0000
2023-09-15T12:05:21	2	0	6	5	1	1.0541	1.0534	-0.0007	-0.6623	-0.6612	-0.0011
2023-09-15T12:06:19	5	0	2	2	0	1.0087	1.0080	-0.0007	1	0.9999	0.0001
2023-09-15T12:08:02	1	0	1	0	1	1.0550	null	null	0.9526	0.9526	0.0000
2023-09-15T12:16:46	3	0	8	8	0	1.0333	1.0331	-0.0002	0.9763	0.976	0.0003
2023-09-15T12:26:13	1	0	4	4	0	1.0179	1.0179	0.0000	0.9929	0.9929	0.0000
2023-09-15T12:31:47	1	0	7	7	0	1.0320	1.0320	0.0000	0.9842	0.984	0.0002
2023-09-15T12:35:32	1	0	2	2	0	1.0595	1.0595	0.0000	0.9848	0.9751	0.0097
2023-09-15T12:36:27	2	0	2	2	0	1.0586	1.0584	-0.0002	-0.9998	-0.9998	0.0000
2023-09-15T12:40:27	1	0	180	172	8	1.0656	1.0649	-0.0007	0.9767	0.9765	0.0002
2023-09-15T12:49:59	6	0	7	8	-1	1.0501	1.0509	0.0008	0.9919	0.9919	0.0000
2023-09-15T12:53:18	2	0	6	7	-1	1.0183	1.0224	0.0041	0.9996	0.9996	0.0000
2023-09-15T12:58:23	1	0	4	5	-1	1.0602	1.0593	-0.0009	0.9955	0.9958	-0.0003
2023-09-15T13:01:01	2	0	2	2	0	0.9467	0.9463	-0.0004	0.9733	0.9732	0.0001
2023-09-15T13:02:14	2	0	1	2	-1	1.0370	1.0378	0.0008	-0.9999	-0.9999	0.0000
2023-09-15T13:05:15	3	0	9	10	-1	0.9461	0.9474	0.0013	1	1	0.0000
2023-09-15T13:06:25	1	0	4	4	0	1.0117	1.0112	-0.0005	0.9897	0.9998	-0.0101
2023-09-15T13:11:59	3	0	14	14	0	0.9546	0.9547	0.0001	0.9864	0.9867	-0.0003
2023-09-15T13:19:22	2	0	1460	1459	1	1.0820	1.0819	-0.0001	0.9273	0.927	0.0003
2023-09-15T13:31:51	1	0	5	6	-1	1.0392	1.0383	-0.0009	0.9817	0.9815	0.0002
2023-09-15T13:32:16	1	0	2	2	0	1.0390	1.0387	-0.0003	-0.9999	1	0.0001
2023-09-15T13:32:42	2	0	1	1	0	1.0236	1.0236	0.0000	0.9689	0.9689	0.0000
2023-09-15T13:43:34	1	0	136	136	0	1.0635	1.0631	-0.0004	-0.9177	-0.9182	0.0005
2023-09-15T13:50:18	1	0	39	39	0	0.9456	0.9457	0.0001	-1	-1	0.0000
2023-09-15T13:51:37	1	0	2	2	0	1.0596	1.0593	-0.0003	-0.9999	-0.9999	0.0000
2023-09-15T13:55:34	1	0	216	215	1	1.0694	1.0679	-0.0015	0.9874	0.9863	0.0011
2023-09-15T13:58:27	1	0	1	1	0	1.0608	1.0606	-0.0002	0.9934	0.9933	0.0001
2023-09-15T14:01:43	1	0	5	5	0	0.9469	0.9472	0.0003	0.9982	0.9983	-0.0001
2023-09-15T14:02:18	2	0	3	3	0	1.0368	1.0367	-0.0001	-1	1	0.0000
2023-09-15T14:04:39	1	0	24	24	0	1.0509	1.0509	0.0000	-1	-1	0.0000
2023-09-15T14:05:19	1	0	59	59	0	0.9432	0.9432	0.0000	-1	-1	0.0000
2023-09-15T14:05:29	2	0	1	1	0	1.0571	1.0570	-0.0001	-0.6892	-0.6888	-0.0004
2023-09-15T14:06:32	5	0	3	3	0	1.0110	1.0110	0.0000	-0.9969	0.9994	0.0037
2023-09-15T14:06:50	1	0	2	2	0	1.0584	1.0581	-0.0003	-0.9997	-0.9998	0.0001
2023-09-15T14:08:02	3	0	5	6	-1	1.0390	1.0386	-0.0005	-0.9973	-0.9972	-0.0001
2023-09-15T14:08:23	1	0	2	2	0	0.9995	0.9993	-0.0002	0.9985	0.9985	0.0000
2023-09-15T14:10:36	1	0	2	2	0	1.0461	1.0460	-0.0001	0.9898	0.9897	0.0001
2023-09-15T14:10:38	1	0	221	219	2	1.0707	1.0687	-0.0020	0.986	0.9846	0.0014
2023-09-15T14:11:20	1	0	5	5	0	1.0177	1.0176	0.0000	0.9926	0.9926	0.0000
2023-09-15T14:12:03	2	0	2	2	0	0.9997	0.9996	-0.0002	0.9929	0.9929	0.0000
2023-09-15T14:13:28	1	0	2	2	0	1.0592	1.0592	-0.0001	0.9953	0.9953	0.0000
2023-09-15T14:13:42	1	0	1	1	0	1.0249	1.0249	0.0000	0.9821	0.9822	-0.0001
2023-09-15T14:16:44	1	0	3	3	0	0.9437	0.9438	0.0001	0.998	0.998	0.0000
2023-09-15T14:16:54	1	0	5	5	0	1.0380	1.0380	0.0000	0.9812	0.981	0.0002
2023-09-15T14:17:19	1	0	1	1	0	1.0367	1.0365	-0.0002	-1	-1	0.0000

2023-09-15T14:17:27	1	0	2	2	0	1.0258	1.0256	-0.0003	0.9992	0.9992	0.0000
2023-09-15T14:17:45	2	0	3	3	0	1.0243	1.0240	-0.0002	0.9669	0.9669	0.0000
2023-09-15T14:18:13	3	0	4	4	0	1.0016	1.0015	-0.0001	0.9597	0.9596	0.0001
2023-09-15T14:19:00	2	0	1	1	0	0.9347	0.9355	0.0008	-0.9995	-0.9995	0.0000
2023-09-15T14:19:58	2	0	53	51	2	0.9491	0.9494	0.0003	0.9693	0.9689	0.0004
2023-09-15T14:20:18	4	0	5	4	1	1.0522	1.0507	-0.0015	0.9962	0.9961	0.0001
2023-09-15T14:20:20	5	0	58	54	4	0.9394	0.9396	0.0002	0.9998	0.9998	0.0000
2023-09-15T14:20:30	2	0	1	1	0	1.0574	1.0572	-0.0002	-0.6807	-0.6804	-0.0003
2023-09-15T14:20:36	4	0	276	275	1	0.8909	0.8911	0.0002	0.8493	0.8494	-0.0001
2023-09-15T14:21:17	2	0	5	5	0	0.9993	0.9992	-0.0001	0.9623	0.9623	0.0000
2023-09-15T14:21:35	2	0	2	2	0	1.0141	1.0137	-0.0004	0.9888	0.9884	0.0004
2023-09-15T14:23:03	3	0	6	6	0	1.0376	1.0374	-0.0001	-0.9993	-0.9993	0.0000
2023-09-15T14:25:42	2	0	2	2	0	1.0785	1.0785	-0.0001	0.9986	0.9986	0.0000
2023-09-15T14:25:42	1	0	184	166	18	1.0650	1.0627	-0.0023	0.9788	0.977	0.0018
2023-09-15T14:25:55	1	0	3	3	0	1.1870	1.1869	-0.0001	0.9898	0.9897	0.0001
2023-09-15T14:26:21	1	0	5	5	0	1.0183	1.0182	-0.0001	0.9927	0.9927	0.0000
2023-09-15T14:27:04	2	0	2	2	0	1.0009	1.0006	-0.0003	0.9928	0.9928	0.0000
2023-09-15T14:28:29	1	0	2	2	0	1.0570	1.0570	-0.0001	0.995	0.9949	0.0001
2023-09-15T14:28:45	1	0	7	8	-1	1.0170	1.0184	0.0014	0.9451	0.9451	0.0000
2023-09-15T14:28:57	1	0	20	20	0	1.0480	1.0479	-0.0001	0.9859	0.9858	0.0001
2023-09-15T14:29:07	1	0	6	6	0	1.0417	1.0413	-0.0004	-1	-1	0.0000
2023-09-15T14:31:22	1	0	4	4	0	1.0576	1.0575	-0.0001	-0.9517	-0.9518	0.0001
2023-09-15T14:32:20	1	0	2	2	0	1.0380	1.0378	-0.0002	1	1	0.0000
2023-09-15T14:33:14	2	0	4	4	0	1.0014	1.0013	-0.0001	0.9582	0.9582	0.0000
2023-09-15T14:33:51	2	0	13	13	0	1.0210	1.0210	0.0000	0.9616	0.9615	0.0001
2023-09-15T14:34:01	2	0	1	1	0	0.9318	0.9319	0.0001	-0.9999	-0.9999	0.0000
2023-09-15T14:34:17	1	0	2	2	0	1.0619	1.0616	-0.0003	0.9897	0.9894	0.0003
2023-09-15T14:35:10	2	0	19	19	0	0.9734	0.9734	0.0000	0.9744	0.974	0.0004
2023-09-15T14:35:30	3	0	1	1	0	1.0452	1.0451	-0.0001	0.996	0.9954	0.0006
2023-09-15T14:35:31	2	0	2	2	0	1.0517	1.0515	-0.0002	-0.6883	-0.688	-0.0003
2023-09-15T14:35:34	6	0	109	104	5	0.9351	0.9356	0.0005	-0.9999	-0.9999	0.0000
2023-09-15T14:35:41	1	0	40	38	2	0.9455	0.9392	-0.0063	0.8863	0.8988	-0.0125
2023-09-15T14:36:18	2	0	7	7	0	1.0046	1.0045	-0.0001	0.9614	0.9614	0.0000
2023-09-15T14:36:36	2	0	2	2	0	1.0125	1.0123	-0.0003	-0.9991	0.9561	0.0448
2023-09-15T14:36:54	1	0	2	2	0	1.0038	1.0039	0.0001	0.9992	0.9992	0.0000
2023-09-15T14:37:15	2	0	5	5	0	1.0497	1.0497	0.0000	-0.9997	-0.9998	0.0001
2023-09-15T14:37:15	1	0	2	2	0	1.0458	1.0457	-0.0001	-0.9998	-0.9998	0.0000
2023-09-15T14:38:04	3	0	5	5	0	1.0380	1.0379	-0.0001	-0.9998	-0.9998	0.0000
2023-09-15T14:40:43	2	0	2	2	0	1.0750	1.0748	-0.0002	0.9983	0.9982	0.0001
2023-09-15T14:40:46	1	0	207	204	3	1.0707	1.0682	-0.0025	0.9556	0.9528	0.0028
2023-09-15T14:40:56	1	0	5	5	0	1.1264	1.1263	0.0000	0.9911	0.9912	-0.0001
2023-09-15T14:43:25	3	0	2	2	0	0.9915	0.9916	0.0001	-0.9999	-0.9999	0.0000
2023-09-15T14:43:30	1	0	2	2	0	1.0571	1.0570	-0.0001	0.9946	0.9946	0.0000
2023-09-15T14:43:46	1	0	14	12	2	0.9776	0.9805	0.0029	0.9377	0.9378	-0.0001
2023-09-15T14:43:58	1	0	18	18	0	1.0479	1.0479	0.0000	0.9857	0.9857	0.0000
2023-09-15T14:45:15	1	0	7	7	0	1.0434	1.0433	-0.0001	1	1	0.0000
2023-09-15T14:47:50	1	0	2	0	2	1.0576	null	null	0.9541	0.9538	0.0003
2023-09-15T14:50:31	2	0	2	2	0	1.0541	1.0536	-0.0006	0.9956	0.9955	0.0001
2023-09-15T14:50:47	1	0	27	26	1	0.9358	0.9332	-0.0026	0.8944	0.8942	0.0002
2023-09-15T14:51:37	2	0	1	1	0	1.0094	1.0091	-0.0003	0.991	0.9907	0.0003
2023-09-15T14:51:59	1	0	1	1	0	1.0582	1.0572	-0.0010	-0.9992	-0.9992	0.0000
2023-09-15T14:55:44	1	0	4	4	0	1.0311	1.0313	0.0002	0.9973	0.9972	0.0001
2023-09-15T14:56:24	1	0	2	2	0	0.9391	0.9401	0.0010	0.9823	0.9825	-0.0002
2023-09-15T14:57:07	2	0	2	2	0	1.0005	1.0005	0.0000	0.9935	0.9935	0.0000
2023-09-15T14:59:09	2	0	3	3	0	1.0343	1.0341	-0.0002	0.9999	0.9999	0.0000
2023-09-15T15:01:24	2	0	19	19	0	1.0518	1.0517	-0.0001	-0.9262	-0.9209	-0.0053
2023-09-15T15:01:47	1	0	3	3	0	0.9396	0.9407	0.0011	0.9982	0.9983	-0.0001
2023-09-15T15:02:48	2	0	3	3	0	1.0245	1.0243	-0.0002	0.9655	0.9655	0.0000
2023-09-15T15:05:52	1	0	13	13	0	0.9451	0.9450	-0.0001	0.9049	0.9045	0.0004
2023-09-15T15:05:53	1	0	7	7	0	1.0431	1.0431	0.0000	0.9544	0.9544	0.0000
2023-09-15T15:09:06	2	0	8	8	0	1.0496	1.0496	-0.0001	1	1	0.0000
2023-09-15T15:10:44	1	0	166	165	1	0.8925	0.8932	0.0006	0.9236	0.924	-0.0004
2023-09-15T15:10:45	1	0	1	1	0	1.0159	1.0150	-0.0009	0.9938	0.9926	0.0012
2023-09-15T15:11:24	1	0	9	9	0	1.0232	1.0232	0.0000	0.9921	0.9921	0.0000
2023-09-15T15:12:22	1	0	23	20	3	1.0484	1.0489	0.0005	-0.9989	-0.9989	0.0000
2023-09-15T15:16:48	1	0	6	6	0	0.9468	0.9469	0.0001	0.9974	0.9974	0.0000
2023-09-15T15:19:44	1	0	30	32	-2	1.0530	1.0524	-0.0006	-0.9998	1	0.0002
2023-09-15T15:20:55	2	0	234	232	2	0.8949	0.8952	0.0003	0.8711	0.8709	0.0002
2023-09-15T15:40:47	1	0	2	3	-1	1.0258	1.0079	-0.0179	0.9952	0.9952	0.0000
2023-09-15T15:41:14	1	0	2	3	-1	1.0329	1.0317	-0.0012	-0.9623	-0.9577	-0.0046
2023-09-15T15:42:14	2	0	43	42	1	1.0553	1.0553	0.0000	-0.9951	-0.9951	0.0000
2023-09-15T15:43:27	1	0	2	1	1	1.0249	1.0239	-0.0010	0.9996	0.9995	0.0001
2023-09-15T15:43:48	1	0	1	1	0	1.0270	1.0268	-0.0002	0.9834	0.9833	0.0001
2023-09-15T15:53:49	4	0	34	34	0	1.0334	1.0333	-0.0001	0.9979	0.9979	0.0000
2023-09-15T15:55:48	1	0	2	2	0	1.0112	1.0112	0.0000	0.9945	0.9946	-0.0001
2023-09-15T16:02:01	2	0	7	7	0	1.0317	1.0316	-0.0001	0.9899	0.9895	0.0004
2023-09-15T16:45:38	1	0	2	2	0	0.9418	0.9422	0.0004	0.9859	0.986	-0.0001
2023-09-15T16:55:52	1	0	21	20	1	0.9415	0.9418	0.0003	0.991	0.991	0.0000
2023-09-16T07:59:36	1	0	702	703	-1	1.0611	1.0611	0.0000	0.9996	0.9996	0.0000
2023-09-16T08:05:06	1	0	122	121	1	1.0550	1.0550	0.0000	0.9698	0.9698	0.0000
2023-09-16T08:05:16	1	0	52	50	2	1.0554	1.0554	0.0000	0.9999	0.9999	0.0000
2023-09-16T08:05:18	2	0	272	271	1	1.0621	1.0620	0.0000	-0.9999	-0.9999	0.0000
2023-09-16T08:10:16	1	0	104	101	3	1.0562	1.0562	0.0000	-1	-1	0.0000
2023-09-16T08:18:32	1	0	57	57	0	0.9338	0.9339	0.0001	0.9599	0.9595	0.0004
2023-09-16T08:20:17	4	0	112	111	1	1.0584	1.0583	0.0000	-1	-1	0.0000

2023-09-16T08:31:33	1	0	34	33	1	1.0571	1.0571	0.0000	-0.9914	-0.991	-0.0004
2023-09-16T08:55:43	1	0	1	1	0	1.0326	1.0321	-0.0005	-0.9297	-0.9292	-0.0005
2023-09-16T09:05:49	2	0	8	8	0	0.9971	0.9970	-0.0001	0.9774	0.9774	0.0000
2023-09-16T09:13:44	3	0	3	3	0	1.0326	1.0318	-0.0008	0.9976	0.9974	0.0002
2023-09-16T09:14:15	1	0	48	46	2	1.0516	1.0512	-0.0004	-0.8576	-0.86	0.0024
2023-09-16T09:15:52	1	0	76	75	1	1.0517	1.0512	-0.0005	-0.822	-0.8035	-0.0185
2023-09-16T09:17:22	2	0	2	2	0	1.0349	1.0343	-0.0006	0.987	0.987	0.0000
2023-09-16T09:18:25	1	0	6	6	0	0.9838	0.9837	-0.0001	0.9933	0.9932	0.0001
2023-09-16T09:20:27	1	0	85	85	0	1.0565	1.0565	0.0000	0.9995	0.9994	0.0001
2023-09-16T09:20:52	1	0	112	111	1	1.0500	1.0499	0.0000	-0.9988	-0.9989	0.0001
2023-09-16T09:27:41	1	0	4	4	0	1.0249	1.0247	-0.0002	0.9837	0.9836	0.0001
2023-09-16T09:29:03	2	0	2	2	0	1.0311	1.0308	-0.0003	-0.9682	-0.9684	0.0002
2023-09-16T09:31:52	1	0	1	0	1	1.0401	null	null	-0.9929	-0.9929	0.0000
2023-09-16T09:35:30	5	0	40	31	9	1.0513	1.0508	-0.0005	-0.9847	-0.985	0.0003
2023-09-16T09:39:31	1	0	10	2	8	1.0532	1.0579	0.0047	0.9966	0.9717	0.0249
2023-09-16T09:45:47	1	0	1	1	0	0.8332	0.8335	0.0003	0.9989	0.9989	0.0000
2023-09-16T09:46:53	1	0	1	1	0	1.0409	1.0407	-0.0002	-0.9937	-0.9938	0.0001
2023-09-16T09:47:24	2	0	1	1	0	1.0253	1.0253	0.0000	0.9854	0.9855	-0.0001
2023-09-16T09:49:01	1	0	11	10	1	1.0446	1.0444	-0.0002	-0.9964	-0.9965	0.0001
2023-09-16T09:49:53	1	0	16	14	2	1.0506	1.0492	-0.0014	-0.978	-0.9792	0.0012
2023-09-16T09:50:02	2	0	2	2	0	1.0386	1.0384	-0.0003	0.982	0.9819	0.0001
2023-09-16T09:50:13	1	0	2	2	0	1.0319	1.0313	-0.0007	0.97	0.9696	0.0004
2023-09-16T09:50:32	1	0	8	7	1	0.9433	0.9436	0.0003	-0.9978	-0.9976	-0.0002
2023-09-16T09:50:44	1	0	6	6	0	1.0139	1.0137	-0.0002	-0.9996	-0.9997	0.0001
2023-09-16T09:50:54	1	0	191	189	2	1.0530	1.0529	0.0000	0.9976	0.9974	0.0002
2023-09-16T09:54:47	1	0	1	0	1	1.0551	null	null	1	1	0.0000
2023-09-16T09:55:36	1	0	10	10	0	1.0768	1.0768	0.0000	0.9856	0.9855	0.0001
2023-09-16T09:55:47	1	0	3	3	0	1.0229	1.0229	0.0000	-0.9296	-0.9295	-0.0001
2023-09-16T09:59:18	1	0	60	60	0	1.0532	1.0532	0.0000	-0.8743	-0.8754	0.0011
2023-09-16T10:00:45	3	0	360	356	4	1.0600	1.0599	0.0000	0.9768	0.9766	0.0002
2023-09-16T10:00:48	1	0	1	1	0	0.8293	0.8293	0.0000	0.9985	0.9985	0.0000
2023-09-16T10:00:48	1	0	2	2	0	1.0459	1.0455	-0.0004	0.9901	0.9899	0.0002
2023-09-16T10:04:13	1	0	52	49	3	1.0536	1.0534	-0.0002	-0.9976	-0.9976	0.0000
2023-09-16T10:04:54	1	0	13	11	2	1.0503	1.0484	-0.0019	-0.986	-0.9871	0.0011
2023-09-16T10:05:03	2	0	3	3	0	1.0363	1.0359	-0.0004	0.9774	0.9775	-0.0001
2023-09-16T10:05:26	2	0	64	61	3	1.0554	1.0552	-0.0002	0.9956	0.9955	0.0001
2023-09-16T10:05:43	8	0	51	42	9	1.0538	1.0529	-0.0009	-0.9893	-0.9901	0.0008
2023-09-16T10:05:45	1	0	6	6	0	1.0153	1.0151	-0.0002	0.9994	0.9992	0.0002
2023-09-16T10:05:46	3	0	65	62	3	1.0564	1.0564	0.0000	0.9988	0.9987	0.0001
2023-09-16T10:05:53	2	0	6	6	0	1.0024	1.0021	-0.0003	0.9763	0.9761	0.0002
2023-09-16T10:06:08	3	0	355	325	30	1.0532	1.0530	-0.0002	0.9945	0.9928	0.0017
2023-09-16T10:06:34	1	0	6	6	0	1.0516	1.0514	-0.0002	-0.9992	-0.9992	0.0000
2023-09-16T10:07:41	2	0	13	12	1	1.0515	1.0519	0.0004	-0.992	-0.9921	0.0001
2023-09-16T10:09:28	1	0	14	13	1	1.0320	1.0322	0.0002	0.9708	0.9705	0.0003
2023-09-16T10:10:00	1	0	4	4	0	1.0114	1.0114	-0.0001	-0.999	-0.999	0.0000
2023-09-16T10:10:24	2	0	85	71	14	1.0562	1.0560	-0.0002	0.9998	0.9998	0.0000
2023-09-16T10:10:37	1	0	128	128	0	0.9200	0.9203	0.0003	0.9837	0.9838	-0.0001
2023-09-16T10:12:44	2	0	5	5	0	1.0209	1.0207	-0.0003	0.9831	0.9827	0.0004
2023-09-16T10:13:43	1	0	8	8	0	1.0402	1.0401	-0.0001	0.9597	0.9595	0.0002
2023-09-16T10:13:48	3	0	4	4	0	1.0323	1.0299	-0.0024	0.9974	0.9928	0.0046
2023-09-16T10:14:03	1	0	3	3	0	1.0140	1.0139	-0.0002	0.9951	0.9941	0.0010
2023-09-16T10:14:09	2	0	3	3	0	1.0439	1.0436	-0.0003	-0.9715	-0.9722	0.0007
2023-09-16T10:14:19	1	0	80	74	6	1.0548	1.0543	-0.0005	-0.8588	-0.8622	0.0034
2023-09-16T10:14:29	1	0	9	9	0	1.0468	1.0468	-0.0001	-0.9743	-0.9744	0.0001
2023-09-16T10:14:45	1	0	146	139	7	1.0556	1.0556	-0.0001	0.9996	0.9996	0.0000
2023-09-16T10:15:56	3	0	88	89	-1	1.0538	1.0537	-0.0002	-0.844	-0.8434	-0.0006
2023-09-16T10:15:58	3	0	416	414	2	1.0616	1.0615	-0.0001	0.9768	0.9764	0.0004
2023-09-16T10:17:31	1	0	6	6	0	1.0421	1.0417	-0.0004	-1	-0.9994	-0.0006
2023-09-16T10:18:40	1	0	37	35	2	0.9668	0.9710	0.0042	0.957	0.9572	-0.0002
2023-09-16T10:19:24	3	0	130	104	26	1.0559	1.0552	-0.0006	-0.9977	-0.9978	0.0001
2023-09-16T10:20:18	1	0	31	31	0	0.9434	0.9433	-0.0001	0.9468	0.9453	0.0015
2023-09-16T10:20:46	3	0	4	4	0	1.0105	1.0097	-0.0008	-0.9997	-0.9998	0.0001
2023-09-16T10:20:52	1	0	1	0	1	1.0257	null	null	-0.9743	-0.9765	0.0022
2023-09-16T10:20:55	1	0	48	47	1	1.0564	1.0564	0.0000	1	1	0.0000
2023-09-16T10:21:57	1	0	10	10	0	0.9857	0.9857	-0.0001	0.9885	0.9891	-0.0006
2023-09-16T10:22:49	1	0	3	3	0	1.0498	1.0498	-0.0001	0.9999	0.9995	0.0004
2023-09-16T10:24:29	2	0	12	12	0	1.0346	1.0345	-0.0001	0.9691	0.9688	0.0003
2023-09-16T10:25:49	1	0	1	1	0	1.0243	1.0237	-0.0006	-0.9515	-0.95	-0.0015
2023-09-16T10:26:47	3	0	3	3	0	1.0118	1.0111	-0.0007	0.9654	0.964	0.0014
2023-09-16T10:27:25	3	0	2	2	0	0.9953	0.9957	0.0004	-0.989	-0.9921	0.0031
2023-09-16T10:33:41	1	0	29	28	1	0.9678	0.9636	-0.0042	0.9567	0.9565	0.0002
2023-09-16T10:34:34	1	0	33	32	1	1.0504	1.0501	-0.0004	-0.9983	-0.9983	0.0000
2023-09-16T10:35:28	3	0	66	66	0	1.0574	1.0572	-0.0002	0.9934	0.9931	0.0003
2023-09-16T10:35:49	1	0	3	3	0	1.0266	1.0260	-0.0006	-0.9893	-0.99	0.0007
2023-09-16T10:39:50	2	0	5	3	2	1.0549	1.0565	0.0016	1	1	0.0000
2023-09-16T10:43:08	1	0	19	19	0	1.0477	1.0477	-0.0001	0.9808	0.9807	0.0001
2023-09-16T10:46:10	1	0	2	2	0	1.0335	1.0333	-0.0002	-0.9963	-0.9964	0.0001
2023-09-16T10:46:19	1	0	16	16	0	1.0465	1.0465	0.0000	-0.9805	-0.9811	0.0006
2023-09-16T10:46:46	3	0	2	2	0	1.0457	1.0451	-0.0005	0.9977	0.9969	0.0008
2023-09-16T10:48:42	2	0	96	91	5	0.9495	0.9445	-0.0050	0.9509	0.9509	0.0000
2023-09-16T10:48:58	1	0	119	115	4	1.0595	1.0595	0.0000	-0.9996	1	0.0004
2023-09-16T10:56:51	1	0	43	34	9	0.9492	0.9494	0.0003	0.964	0.962	0.0020
2023-09-16T10:57:00	1	0	49	49	0	1.0497	1.0497	-0.0001	-0.9928	-0.9915	-0.0013
2023-09-16T10:58:46	1	0	3	3	0	1.0452	1.0450	-0.0002	0.9648	0.9646	0.0002
2023-09-16T10:59:22	1	0	72	71	1	1.0547	1.0547	0.0000	-0.8738	-0.8759	0.0021

2023-09-16T11:01:31	1	0	2	2	0	1.0330	1.0325	-0.0006	0.9936	0.9933	0.0003
2023-09-16T11:02:34	1	0	2	2	0	1.0256	1.0243	-0.0012	0.9993	0.9983	0.0010
2023-09-16T11:03:32	2	0	6	6	0	0.9831	0.9833	0.0002	0.9851	0.9852	-0.0001
2023-09-16T11:03:52	2	0	1	0	1	0.9447	null	null	0.9975	0.9975	0.0000
2023-09-16T11:03:59	1	0	31	31	0	1.0551	1.0550	-0.0001	-0.9987	-0.9987	0.0000
2023-09-16T11:04:00	1	0	1	0	1	1.0336	null	null	-0.9778	-0.9778	0.0000
2023-09-16T11:04:54	1	0	37	31	6	1.0529	1.0525	-0.0004	-0.9979	-0.998	0.0001
2023-09-16T11:05:56	5	0	50	41	9	1.0369	1.0360	-0.0009	-0.9939	-0.9956	0.0017
2023-09-16T11:06:11	1	0	64	63	1	1.0571	1.0568	-0.0003	0.9973	0.9973	0.0000
2023-09-16T11:12:01	3	0	253	253	0	0.8446	0.8451	0.0005	0.9993	0.9993	0.0000
2023-09-16T11:16:44	3	0	8	8	0	1.0367	1.0364	-0.0003	0.9899	0.9893	0.0006
2023-09-16T11:20:07	2	0	27	27	0	1.0530	1.0527	-0.0003	-0.9985	-0.9986	0.0001
2023-09-16T11:20:34	2	0	67	66	1	0.9218	0.9221	0.0003	0.9019	0.9022	-0.0003
2023-09-16T11:21:06	6	0	54	46	8	1.0554	1.0552	-0.0002	-0.9907	-0.9913	0.0006
2023-09-16T11:21:20	1	0	50	50	0	1.0566	1.0566	0.0000	0.9947	0.9947	0.0000
2023-09-16T11:21:39	1	0	7	7	0	1.0543	1.0541	-0.0003	-0.9989	-0.9989	0.0000
2023-09-16T11:26:52	1	0	1	0	1	1.0552	null	null	0.9991	0.9991	0.0000
2023-09-16T11:30:21	1	0	10	10	0	1.0474	1.0474	-0.0001	-0.9796	-0.9797	0.0001
2023-09-16T11:30:54	1	0	4	3	1	1.0516	1.0432	-0.0084	0.9887	0.9994	-0.0107
2023-09-16T11:31:51	3	0	1	1	0	1.0607	1.0606	-0.0001	0.9734	0.9737	-0.0003
2023-09-16T11:32:31	2	0	1	1	0	1.0180	1.0180	0.0000	0.9799	0.9801	-0.0002
2023-09-16T11:34:54	1	0	3	3	0	1.0539	1.0535	-0.0004	0.9981	0.9981	0.0000
2023-09-16T11:35:17	8	0	25	22	3	1.0533	1.0552	0.0019	-0.9988	-0.9988	0.0000
2023-09-16T11:35:39	3	0	13	13	0	0.9581	0.9579	-0.0001	0.9392	0.9376	0.0016
2023-09-16T11:35:43	1	0	1	1	0	1.0574	1.0563	-0.0011	-0.9918	-0.9919	0.0001
2023-09-16T11:35:59	2	0	4	4	0	0.9957	0.9957	0.0000	0.9734	0.9735	-0.0001
2023-09-16T11:36:38	1	0	3	3	0	1.0368	1.0367	-0.0001	-0.9778	-0.9773	-0.0005
2023-09-16T11:37:02	1	0	48	49	-1	0.9661	0.9705	0.0045	0.9932	0.9933	-0.0001
2023-09-16T11:38:25	1	0	1	1	0	1.0452	1.0452	0.0000	-0.9978	-0.9978	0.0000
2023-09-16T11:39:55	1	0	1	0	1	1.0550	null	null	-0.9874	-0.9872	-0.0002
2023-09-16T11:41:53	1	0	1	1	0	1.0558	1.0556	-0.0002	0.9989	0.9989	0.0000
2023-09-16T11:45:36	1	0	11	11	0	1.0471	1.0471	0.0000	-0.9778	-0.9797	0.0019
2023-09-16T11:45:55	1	0	1	0	1	1.0563	null	null	0.9904	0.9901	0.0003
2023-09-16T11:46:52	3	0	1	1	0	1.0601	1.0601	0.0000	0.9957	0.9765	0.0192
2023-09-16T11:47:37	2	0	97	96	1	0.9230	0.9252	0.0022	0.9992	0.9985	0.0007
2023-09-16T11:50:06	1	0	3	3	0	1.0475	1.0473	-0.0002	0.9999	0.9999	0.0000
2023-09-16T11:51:00	2	0	4	4	0	0.9966	0.9966	0.0000	0.9723	0.9725	-0.0002
2023-09-16T11:51:28	4	0	92	90	2	1.0582	1.0581	-0.0001	0.9973	-0.9993	-0.0034
2023-09-16T11:51:41	2	0	6	7	-1	1.0550	1.0538	-0.0012	-0.9978	-0.9947	-0.0031
2023-09-16T11:52:03	1	0	56	56	0	0.9716	0.9716	0.0000	0.9914	0.9919	-0.0005
2023-09-16T12:00:56	4	0	54	52	2	1.0611	1.0594	-0.0017	0.9897	0.9991	-0.0094
2023-09-16T12:01:53	3	0	1	1	0	1.0622	1.0622	0.0000	0.9765	0.9774	-0.0009
2023-09-16T12:02:38	2	0	2	2	0	1.0218	1.0210	-0.0008	0.9973	0.9973	0.0000
2023-09-16T12:05:21	1	0	4	4	0	1.0503	1.0502	-0.0002	0.9993	0.9993	0.0000
2023-09-16T12:06:42	2	0	3	4	-1	1.0599	1.0563	-0.0036	-0.9989	-0.9989	0.0000
2023-09-16T12:06:51	1	0	3	4	-1	1.0452	1.0452	0.0001	-0.9752	-0.9777	0.0025
2023-09-16T12:07:04	1	0	45	45	0	0.9779	0.9780	0.0000	0.9906	0.9907	-0.0001
2023-09-16T12:07:40	1	0	1	1	0	1.0345	1.0336	-0.0009	-0.9499	-0.9496	-0.0003
2023-09-16T12:36:03	2	0	4	4	0	0.9974	0.9974	0.0000	0.9721	0.9723	-0.0002
2023-09-16T12:50:55	1	0	1	1	0	1.0598	1.0598	0.0000	-0.9938	-0.9937	-0.0001
2023-09-16T12:52:43	1	0	1	1	0	1.0274	1.0260	-0.0014	-0.9486	-0.9484	-0.0002
2023-09-16T12:58:10	1	0	5	5	0	1.0501	1.0500	-0.0001	0.9953	0.9952	0.0001
2023-09-16T13:00:07	2	0	6	6	0	1.0069	1.0067	-0.0002	0.9716	0.9714	0.0002
2023-09-16T13:02:42	2	0	95	95	0	0.9090	0.9096	0.0007	0.9991	0.9991	0.0000
2023-09-16T13:07:44	1	0	1	2	-1	1.0275	1.0261	-0.0014	-0.9561	-0.9545	-0.0016
2023-09-16T13:16:02	1	0	5	5	0	1.0449	1.0445	-0.0004	0.9472	0.9464	0.0008
2023-09-16T13:21:05	1	0	2	2	0	1.0573	1.0570	-0.0003	-0.9941	-0.9942	0.0001
2023-09-16T13:46:04	1	0	4	5	-1	1.0536	1.0543	0.0007	0.945	0.9456	-0.0006
2023-09-16T13:50:44	7	0	5	6	-1	1.0564	1.0547	-0.0017	-0.9992	-0.9992	0.0000
2023-09-16T13:54:55	1	0	3	3	0	1.0426	1.0424	-0.0002	0.9933	0.9931	0.0002
2023-09-16T13:57:48	1	0	2	2	0	1.0257	1.0248	-0.0008	-0.9961	-0.9962	0.0001
2023-09-16T14:02:01	3	0	2	2	0	1.0448	1.0446	-0.0002	0.9953	0.9948	0.0005
2023-09-16T14:05:30	1	0	1	0	1	1.0553	null	null	-0.7178	-0.6963	-0.0215
2023-09-16T14:06:50	1	0	6	6	0	1.0550	1.0549	0.0000	-0.9939	-0.9938	-0.0001
2023-09-16T14:07:15	1	0	62	61	1	0.9524	0.9467	-0.0057	0.9924	0.9924	0.0000
2023-09-16T14:07:48	2	0	1	1	0	1.0258	1.0255	-0.0003	-0.9503	-0.9495	-0.0008
2023-09-16T14:09:56	1	0	6	6	0	1.0532	1.0531	-0.0002	0.9917	0.9974	-0.0057
2023-09-16T14:12:14	4	0	6	8	-2	1.0489	1.0480	-0.0009	-0.9965	-0.9963	-0.0002
2023-09-16T14:12:35	3	0	38	38	0	0.9299	0.9300	0.0001	0.9842	0.9845	-0.0003
2023-09-16T14:12:41	1	0	1	1	0	1.0312	1.0304	-0.0008	0.9921	0.992	0.0001
2023-09-16T14:12:51	1	0	2	2	0	1.0268	1.0261	-0.0008	-0.9961	-0.9962	0.0001
2023-09-16T14:16:33	1	0	5	5	0	1.0352	1.0350	-0.0002	-0.9963	-0.9966	0.0003
2023-09-16T14:16:56	3	0	1	1	0	1.0363	1.0363	0.0000	0.9873	0.9871	0.0002
2023-09-16T14:17:02	3	0	2	2	0	1.0460	1.0459	-0.0001	0.9947	0.9943	0.0004
2023-09-16T14:17:42	2	0	13	13	0	0.9406	0.9407	0.0000	0.9725	0.9728	-0.0003
2023-09-16T14:17:47	1	0	96	96	0	0.9006	0.9009	0.0003	0.997	0.9961	0.0009
2023-09-16T14:18:59	2	0	80	79	1	0.9447	0.9449	0.0002	0.986	0.9858	0.0002
2023-09-16T14:20:11	1	0	7	7	0	1.0478	1.0478	0.0000	0.9963	0.9965	-0.0002
2023-09-16T14:20:25	2	0	1	1	0	1.0458	1.0456	-0.0002	0.9806	0.9806	0.0000
2023-09-16T14:20:31	3	0	3	1	2	1.0537	1.0458	-0.0079	-0.7273	-0.7067	-0.0206
2023-09-16T14:20:46	3	0	4	4	0	1.0511	1.0508	-0.0003	-0.9995	-0.9997	0.0002
2023-09-16T14:21:43	1	0	30	29	1	1.0549	1.0547	-0.0002	0.9881	0.988	0.0001
2023-09-16T14:21:51	1	0	3	3	0	1.0573	1.0572	-0.0001	-0.9964	-0.9964	0.0000
2023-09-16T14:22:00	1	0	3	3	0	1.0349	1.0347	-0.0002	-0.9877	-0.9915	0.0038
2023-09-16T14:24:59	1	0	4	4	0	1.0370	1.0369	0.0000	0.9927	0.9926	0.0001

2023-09-16T14:27:05	1	0	1	1	0	1.0555	1.0554	-0.0001	0.9993	0.9993	0.0000
2023-09-16T14:27:14	1	0	199	197	2	0.9052	0.9054	0.0002	0.9638	0.9639	-0.0001
2023-09-16T14:27:56	1	0	2	2	0	1.0220	1.0210	-0.0010	-0.9968	-0.9969	0.0001
2023-09-16T14:31:10	4	0	3	3	0	1.0169	1.0162	-0.0007	0.9478	0.905	0.0428
2023-09-16T14:31:22	1	0	7	7	0	1.0467	1.0466	-0.0001	-0.9907	-0.9919	0.0012
2023-09-16T14:32:48	1	0	96	96	0	0.8896	0.8900	0.0004	0.9976	0.9959	0.0017
2023-09-16T14:34:11	2	0	80	80	0	0.9440	0.9440	0.0000	0.9906	0.9905	0.0001
2023-09-16T14:35:26	2	0	1	1	0	1.0486	1.0484	-0.0002	0.9774	0.9773	0.0001
2023-09-16T14:35:32	1	0	1	1	0	1.0470	1.0469	-0.0001	-0.7095	-0.709	-0.0005
2023-09-16T14:35:54	2	0	20	20	0	0.9452	0.9450	-0.0001	0.9327	0.9304	0.0023
2023-09-16T14:36:16	1	0	1	0	1	1.0554	null	null	-0.9962	-0.9962	0.0000
2023-09-16T14:36:30	2	0	31	29	2	0.9960	0.9935	-0.0025	-0.9988	-0.9994	0.0006
2023-09-16T14:37:17	1	0	66	66	0	0.9492	0.9492	0.0000	0.9954	0.9958	-0.0004
2023-09-16T14:37:50	2	0	1	1	0	1.0329	1.0300	-0.0029	-0.945	-0.9462	0.0012
2023-09-16T14:40:00	1	0	6	8	-2	1.0507	1.0240	-0.0267	0.9966	0.996	0.0006
2023-09-16T14:42:26	1	0	201	201	0	0.9024	0.9027	0.0003	0.964	0.9641	-0.0001
2023-09-16T14:43:03	1	0	1	0	1	1.0244	null	null	-0.9956	-0.9956	0.0000
2023-09-16T14:45:16	2	0	5	5	0	1.0058	1.0057	0.0000	0.9684	0.9684	0.0000
2023-09-16T14:46:12	1	0	3	3	0	1.0407	1.0406	-0.0001	0.9499	0.9768	-0.0269
2023-09-16T14:48:15	1	0	4	4	0	0.9851	0.9852	0.0001	0.9929	0.9932	-0.0003
2023-09-16T14:50:58	3	0	1	1	0	1.0478	1.0477	-0.0001	-0.9997	-0.9997	0.0000
2023-09-16T14:58:10	1	0	2	1	1	1.0252	1.0242	-0.0010	-0.9962	-0.9963	0.0001
2023-09-16T14:59:09	1	0	1	1	0	1.0322	1.0315	-0.0007	0.9965	0.9968	-0.0003
2023-09-16T15:06:03	3	0	307	307	0	0.8283	0.8284	0.0001	0.8658	0.8654	0.0004
2023-09-16T15:07:00	3	0	14	12	2	1.0401	1.0383	-0.0018	-0.998	-0.9982	0.0002
2023-09-16T15:12:10	1	0	8	8	0	1.0534	1.0533	-0.0001	-0.9629	-0.9631	0.0002
2023-09-16T15:13:15	1	0	1	1	0	1.0229	1.0226	-0.0003	-0.9964	-0.9965	0.0001
2023-09-16T15:16:47	1	0	2	2	0	0.9423	0.9429	0.0006	-0.9989	-0.9989	0.0000
2023-09-16T15:22:44	1	0	2	2	0	1.0375	1.0374	-0.0002	-0.9849	-0.9847	-0.0002
2023-09-16T15:25:17	1	0	2	2	0	1.0142	1.0142	0.0000	0.9965	0.9975	-0.0010
2023-09-16T15:29:10	1	0	4	4	0	1.0321	1.0312	-0.0009	-0.9999	-1	0.0001
2023-09-16T15:37:17	1	0	7	7	0	1.0144	1.0144	0.0000	-0.9993	-0.9997	0.0004
2023-09-16T15:46:49	1	0	52	51	1	0.9414	0.9414	0.0000	-0.9999	-0.9999	0.0000
2023-09-16T15:52:18	1	0	1	1	0	0.9330	0.9331	0.0001	0.9998	0.9998	0.0000
2023-09-16T15:53:28	1	0	2	2	0	0.9407	0.9408	0.0002	0.85	0.8506	-0.0006
2023-09-16T15:54:25	1	0	27	27	0	1.0516	1.0516	0.0000	-0.9902	-0.9903	0.0001
2023-09-16T15:54:42	1	0	2	2	0	0.9986	0.9988	0.0002	0.966	0.966	0.0000
2023-09-16T16:05:35	2	0	60	59	1	0.9264	0.9264	0.0000	0.9908	0.9905	0.0003
2023-09-16T16:09:45	1	0	1	1	0	0.9399	0.9403	0.0004	-0.9966	-0.9963	-0.0003
2023-09-16T16:28:31	1	0	3	3	0	0.9733	0.9732	0.0000	0.99	0.9899	0.0001
2023-09-16T16:43:49	1	0	238	238	0	0.8396	0.8397	0.0000	0.9962	0.9964	-0.0002
2023-09-16T16:45:30	2	0	1	1	0	0.9439	0.9447	0.0008	-0.9923	-0.9922	-0.0001
2023-09-16T16:50:16	1	0	6	6	0	0.9716	0.9714	-0.0002	0.973	0.9727	0.0003
2023-09-17T07:59:33	1	0	791	792	-1	1.0625	1.0625	0.0000	1	1	0.0000
2023-09-17T08:05:09	3	0	142	141	1	1.0588	1.0588	0.0000	-1	-1	0.0000
2023-09-17T08:10:10	1	0	187	187	0	1.0576	1.0576	0.0000	-0.9999	-0.9999	0.0000
2023-09-17T08:18:32	1	0	28	28	0	0.9408	0.9410	0.0001	0.9624	0.9621	0.0003
2023-09-17T08:20:16	2	0	382	382	0	1.0640	1.0640	0.0000	-1	-1	0.0000
2023-09-17T08:20:18	1	0	78	78	0	1.0568	1.0568	0.0000	0.9994	0.9994	0.0000
2023-09-17T08:40:38	1	0	1	1	0	1.0266	1.0262	-0.0004	-0.9205	-0.9342	0.0137
2023-09-17T09:05:45	2	0	9	9	0	1.0087	1.0085	-0.0001	0.976	0.976	0.0000
2023-09-17T09:17:18	2	0	6	6	0	1.0313	1.0309	-0.0004	0.9875	0.9876	-0.0001
2023-09-17T09:18:19	1	0	4	5	-1	1.0083	0.9956	-0.0128	0.9934	0.9933	0.0001
2023-09-17T09:18:36	1	0	44	44	0	0.9452	0.9453	0.0001	0.9725	0.9724	0.0001
2023-09-17T09:20:51	1	0	52	49	3	1.0509	1.0508	-0.0001	-0.9967	-0.9968	0.0001
2023-09-17T09:27:28	1	0	3	3	0	1.0297	1.0290	-0.0008	-0.9991	-0.9992	0.0001
2023-09-17T09:27:43	1	0	4	4	0	1.0240	1.0238	-0.0002	0.9849	0.9848	0.0001
2023-09-17T09:31:47	1	0	1	1	0	1.0387	1.0383	-0.0004	-0.9928	-0.9928	0.0000
2023-09-17T09:33:45	1	0	87	86	1	1.0550	1.0549	-0.0001	0.9857	0.9857	0.0000
2023-09-17T09:35:05	1	0	4	4	0	0.9851	0.9848	-0.0003	0.9327	0.9314	0.0013
2023-09-17T09:35:21	1	0	27	27	0	1.0531	1.0530	-0.0001	0.9972	0.9971	0.0001
2023-09-17T09:35:40	1	0	9	9	0	1.0108	1.0107	-0.0001	0.9998	-0.9978	-0.0024
2023-09-17T09:40:30	1	0	124	124	0	0.9306	0.9308	0.0002	0.9925	0.9925	0.0000
2023-09-17T09:44:00	2	0	3	3	0	1.0396	1.0394	-0.0002	-0.9754	-0.9758	0.0004
2023-09-17T09:45:41	1	0	1	1	0	0.8252	0.8255	0.0003	0.9989	0.999	-0.0001
2023-09-17T09:45:41	1	0	156	154	2	1.0562	1.0562	0.0000	0.9764	0.9763	0.0001
2023-09-17T09:46:30	1	0	5	6	-1	1.0284	1.0284	-0.0001	0.9697	0.9695	0.0002
2023-09-17T09:46:48	1	0	1	1	0	1.0408	1.0408	0.0000	-0.9953	-0.9952	-0.0001
2023-09-17T09:50:28	1	0	14	12	2	0.9422	0.9424	0.0002	0.9973	0.9975	-0.0002
2023-09-17T09:50:28	3	0	4	2	2	1.0458	1.0458	-0.0001	-0.9938	-0.9939	0.0001
2023-09-17T09:50:41	1	0	7	7	0	1.0120	1.0119	-0.0001	-0.998	-0.9983	0.0003
2023-09-17T09:50:53	1	0	126	123	3	1.0530	1.0529	0.0000	-0.9996	-0.9997	0.0001
2023-09-17T09:51:30	1	0	1	1	0	1.0132	1.0126	-0.0006	1	-0.9996	-0.0004
2023-09-17T09:55:01	2	0	1	1	0	1.0564	1.0553	-0.0011	-0.9989	-0.999	0.0001
2023-09-17T09:55:43	1	0	1	0	1	1.0145	null	null	-0.9455	-0.9683	0.0228
2023-09-17T10:00:42	1	0	1	1	0	0.8182	0.8182	0.0000	0.9984	0.9984	0.0000
2023-09-17T10:00:42	2	0	52	52	0	1.0540	1.0539	-0.0001	0.9774	0.9773	0.0001
2023-09-17T10:03:47	1	0	35	33	2	1.0530	1.0528	-0.0002	0.9777	0.9776	0.0001
2023-09-17T10:05:23	3	0	26	25	1	1.0516	1.0511	-0.0005	0.9954	0.9953	0.0001
2023-09-17T10:05:25	1	0	23	22	1	1.0526	1.0524	-0.0002	0.9958	0.9958	0.0000
2023-09-17T10:05:42	1	0	6	6	0	1.0196	1.0194	-0.0002	-0.9839	-0.9845	0.0006
2023-09-17T10:05:49	2	0	4	4	0	1.0036	1.0033	-0.0003	0.9759	0.9757	0.0002
2023-09-17T10:06:05	1	0	109	95	14	1.0512	1.0510	-0.0002	0.9997	0.9996	0.0001
2023-09-17T10:06:31	1	0	1	1	0	1.0608	1.0596	-0.0012	0.9999	0.9999	0.0000
2023-09-17T10:10:18	2	0	138	135	3	1.0576	1.0573	-0.0003	1	1	0.0000

2023-09-17T10:10:32	1	0	214	214	0	0.9168	0.9169	0.0001	0.9988	0.9988	0.0000
2023-09-17T10:12:23	2	0	1	1	0	0.9909	0.9914	0.0005	-0.989	-0.9921	0.0031
2023-09-17T10:12:43	1	0	2	2	0	1.0281	1.0270	-0.0011	-0.9992	-0.9993	0.0001
2023-09-17T10:12:49	1	0	2	2	0	1.0218	1.0215	-0.0003	0.9842	0.984	0.0002
2023-09-17T10:14:05	2	0	3	3	0	1.0448	1.0445	-0.0003	-0.9769	-0.9776	0.0007
2023-09-17T10:17:27	2	0	50	49	1	0.9555	0.9557	0.0002	0.9946	0.9948	-0.0002
2023-09-17T10:18:40	2	0	38	35	3	0.9423	0.9428	0.0004	0.9702	0.9706	-0.0004
2023-09-17T10:19:51	1	0	10	6	4	1.0518	1.0507	-0.0011	-0.9901	-0.9909	0.0008
2023-09-17T10:20:02	2	0	2	2	0	1.0453	1.0449	-0.0004	0.9819	0.9819	0.0000
2023-09-17T10:20:14	1	0	9	9	0	0.9580	0.9578	-0.0002	0.9269	0.9252	0.0017
2023-09-17T10:20:43	3	0	4	4	0	1.0206	1.0199	-0.0007	-0.9905	-0.9916	0.0011
2023-09-17T10:25:05	2	0	1	1	0	1.0646	1.0629	-0.0017	-0.9999	1	0.0001
2023-09-17T10:25:09	1	0	3	3	0	1.0208	1.0207	-0.0001	-0.9986	-0.9987	0.0001
2023-09-17T10:25:45	1	0	4	5	-1	1.0291	1.0281	-0.0009	-0.9506	-0.9519	0.0013
2023-09-17T10:28:44	2	0	1	0	1	1.0129	null	null	0.9928	0.9926	0.0002
2023-09-17T10:33:41	1	0	121	119	2	0.9288	0.9208	-0.0079	0.9635	0.9634	0.0001
2023-09-17T10:33:46	1	0	1	1	0	0.9337	0.9341	0.0004	-0.9947	-0.9946	-0.0001
2023-09-17T10:34:18	5	0	12	11	1	1.0469	1.0453	-0.0016	-0.9992	-0.9993	0.0001
2023-09-17T10:35:10	2	0	2	0	2	1.0450	null	null	-0.8226	-0.8228	0.0002
2023-09-17T10:35:46	1	0	3	3	0	1.0409	1.0407	-0.0002	-0.9998	-0.9998	0.0000
2023-09-17T10:35:46	1	0	3	3	0	1.0270	1.0263	-0.0006	-0.9943	-0.9948	0.0005
2023-09-17T10:39:32	1	0	8	8	0	1.0339	1.0339	-0.0001	0.972	0.9717	0.0003
2023-09-17T10:40:06	1	0	2	2	0	1.0421	1.0418	-0.0002	-1	-0.9999	-0.0001
2023-09-17T10:43:06	1	0	28	28	0	1.0495	1.0495	-0.0001	0.9922	0.9922	0.0000
2023-09-17T10:43:46	1	0	1	0	1	1.0556	null	null	0.9949	0.9946	0.0003
2023-09-17T10:44:44	1	0	95	94	1	1.0546	1.0546	-0.0001	0.9995	0.9995	0.0000
2023-09-17T10:45:54	1	0	26	26	0	1.0476	1.0476	-0.0001	-0.8455	-0.8448	-0.0007
2023-09-17T10:46:34	2	0	8	8	0	1.0368	1.0364	-0.0004	0.982	0.9815	0.0005
2023-09-17T10:46:40	1	0	2	2	0	1.0601	1.0595	-0.0005	-0.9995	-0.9995	0.0000
2023-09-17T10:50:26	2	0	17	17	0	1.0521	1.0519	-0.0002	0.9931	0.9929	0.0002
2023-09-17T10:50:32	5	0	2	2	0	0.9902	0.9900	-0.0002	-0.9936	-0.9936	0.0000
2023-09-17T10:51:29	2	0	43	42	1	1.0532	1.0530	-0.0002	0.9974	0.9969	0.0005
2023-09-17T10:52:47	1	0	1	1	0	1.0621	1.0617	-0.0004	0.9802	0.98	0.0002
2023-09-17T10:55:11	1	0	9	9	0	1.0229	1.0229	0.0000	-0.9991	-0.9992	0.0001
2023-09-17T10:56:44	2	0	2	2	0	0.9993	0.9984	-0.0010	0.9795	0.9792	0.0003
2023-09-17T10:58:47	1	0	1	1	0	1.0617	1.0615	-0.0002	0.9953	0.9953	0.0000
2023-09-17T10:59:24	1	0	5	5	0	1.0428	1.0427	-0.0001	-0.9775	-0.9776	0.0001
2023-09-17T11:00:31	4	0	1	0	1	1.0346	null	null	-0.9824	-0.9827	0.0003
2023-09-17T11:01:28	1	0	4	4	0	1.0405	1.0400	-0.0006	0.9963	0.9961	0.0002
2023-09-17T11:03:26	2	0	5	5	0	0.9938	0.9940	0.0002	0.9891	0.9892	-0.0001
2023-09-17T11:03:51	1	0	37	36	1	1.0546	1.0545	-0.0001	0.9686	0.964	0.0046
2023-09-17T11:05:12	1	0	3	2	1	1.0487	1.0452	-0.0034	-0.8251	-0.8252	0.0001
2023-09-17T11:05:29	1	0	29	28	1	1.0539	1.0539	-0.0001	0.9946	0.9946	0.0000
2023-09-17T11:06:56	1	0	13	13	0	0.9665	0.9664	0.0000	0.9852	0.9852	0.0000
2023-09-17T11:09:34	1	0	3	3	0	1.0341	1.0335	-0.0006	0.9893	0.9891	0.0002
2023-09-17T11:15:49	4	0	35	29	6	1.0620	1.0588	-0.0032	0.9799	0.9572	0.0227
2023-09-17T11:16:36	1	0	1	1	0	1.0270	1.0270	0.0000	0.9877	0.9875	0.0002
2023-09-17T11:17:30	1	0	1	1	0	1.0574	1.0563	-0.0011	0.9915	0.9914	0.0001
2023-09-17T11:20:25	1	0	48	48	0	0.9190	0.9191	0.0001	0.9131	0.9006	0.0125
2023-09-17T11:20:51	1	0	38	37	1	0.9404	0.9409	0.0005	0.9959	0.9961	-0.0002
2023-09-17T11:27:28	1	0	2	2	0	0.9927	0.9929	0.0003	-0.9938	-0.9937	-0.0001
2023-09-17T11:28:05	1	0	2	1	1	1.0220	1.0212	-0.0009	-0.9999	-0.9999	0.0000
2023-09-17T11:28:44	1	0	1	1	0	1.0368	1.0365	-0.0003	0.9769	0.9708	0.0061
2023-09-17T11:29:21	1	0	4	2	2	1.0570	1.0511	-0.0059	-0.8842	-0.8842	0.0000
2023-09-17T11:29:50	1	0	8	8	0	1.0423	1.0422	-0.0001	-0.9834	-0.9834	0.0000
2023-09-17T11:33:26	2	0	24	27	-3	0.9643	0.9621	-0.0022	0.9935	0.9933	0.0002
2023-09-17T11:34:13	2	0	14	13	1	1.0465	1.0456	-0.0008	0.9621	0.962	0.0001
2023-09-17T11:35:41	1	0	1	0	1	1.0556	null	null	-0.991	-0.9911	0.0001
2023-09-17T11:36:16	1	0	2	2	0	1.0272	1.0271	-0.0001	-0.9999	1	0.0001
2023-09-17T11:36:49	3	0	32	32	0	1.0510	1.0509	0.0000	0.9999	0.9999	0.0000
2023-09-17T11:36:58	1	0	9	9	0	0.9813	0.9813	0.0000	0.9913	0.9917	-0.0004
2023-09-17T11:42:34	3	0	2	2	0	0.9915	0.9915	0.0000	-0.9951	-0.995	-0.0001
2023-09-17T11:43:10	1	0	2	2	0	1.0272	1.0266	-0.0006	-0.9997	-0.9997	0.0000
2023-09-17T11:45:03	1	0	8	8	0	1.0416	1.0415	-0.0001	-0.9816	-0.9832	0.0016
2023-09-17T11:47:09	1	0	5	5	0	1.0377	1.0376	-0.0001	-0.9987	-0.9987	0.0000
2023-09-17T11:48:38	2	0	18	19	-1	0.9766	0.9706	-0.0060	0.993	0.9929	0.0001
2023-09-17T11:49:57	1	0	7	9	-2	1.0530	1.0537	0.0007	-0.9899	-0.9893	-0.0006
2023-09-17T11:50:11	2	0	2	3	-1	1.0516	1.0476	-0.0040	0.9851	0.9852	-0.0001
2023-09-17T11:50:36	5	0	5	6	-1	0.9540	0.9523	-0.0017	-0.9991	-0.9991	0.0000
2023-09-17T11:51:56	3	0	33	34	-1	1.0511	1.0511	0.0000	0.9995	0.9995	0.0000
2023-09-17T11:56:48	1	0	1	1	0	1.0563	1.0560	-0.0003	-0.9997	-0.9998	0.0001
2023-09-17T11:57:50	1	0	29	28	1	1.0470	1.0467	-0.0003	-0.9884	-0.9884	0.0000
2023-09-17T11:58:15	1	0	2	2	0	1.0229	1.0226	-0.0003	-0.9951	-0.9951	0.0000
2023-09-17T11:59:23	2	0	2	4	-2	1.0505	1.0542	0.0036	-0.9065	-0.9424	0.0359
2023-09-17T12:01:39	1	0	4	4	0	1.0345	1.0345	0.0000	0.9868	0.9866	0.0002
2023-09-17T12:04:58	1	0	5	7	-2	1.0530	1.0545	0.0015	-0.991	-0.9906	-0.0004
2023-09-17T12:05:12	2	0	4	4	0	1.0466	1.0465	-0.0001	0.9816	0.988	-0.0064
2023-09-17T12:05:37	3	0	3	3	0	0.9746	0.9746	0.0000	-0.9977	-0.9977	0.0000
2023-09-17T12:18:48	2	0	11	11	0	0.9863	0.9862	-0.0001	0.9952	0.9961	-0.0009
2023-09-17T12:21:11	1	0	54	50	4	0.9404	0.9403	-0.0001	0.9952	0.9952	0.0000
2023-09-17T12:21:27	1	0	3	3	0	1.0358	1.0357	-0.0001	-1	-0.9999	-0.0001
2023-09-17T12:26:50	2	0	39	39	0	0.9392	0.9394	0.0003	0.9548	0.9517	0.0031
2023-09-17T12:35:52	1	0	2	2	0	1.0557	1.0557	0.0000	-0.9906	-0.9906	0.0000
2023-09-17T12:37:59	1	0	3	3	0	0.9612	0.9621	0.0009	0.9522	0.9403	0.0119
2023-09-17T12:50:15	2	0	1	1	0	1.0313	1.0304	-0.0009	0.9828	0.9851	-0.0023

2023-09-17T12:52:08	1	0	9	9	0	0.9784	0.9784	0.0000	0.9899	0.9905	-0.0006
2023-09-17T12:58:09	1	0	4	4	0	1.0467	1.0466	-0.0001	0.9984	0.9984	0.0000
2023-09-17T12:58:30	1	0	1	1	0	1.0211	1.0203	-0.0008	0.9919	0.9918	0.0001
2023-09-17T12:59:27	1	0	4	2	2	1.0549	1.0498	-0.0052	-0.92	-0.9522	0.0322
2023-09-17T13:01:43	1	0	1	1	0	1.0353	1.0353	0.0000	0.9857	0.9854	0.0003
2023-09-17T13:06:17	1	0	27	20	7	0.9413	0.9412	0.0000	0.9846	0.9852	-0.0006
2023-09-17T13:08:06	1	0	12	11	1	1.0369	1.0352	-0.0017	0.9754	0.9757	-0.0003
2023-09-17T13:20:18	2	0	1	1	0	1.0441	1.0386	-0.0055	0.9777	0.9826	-0.0049
2023-09-17T13:26:54	2	0	40	40	0	0.9471	0.9471	0.0000	0.9517	0.9516	0.0001
2023-09-17T13:29:29	1	0	1	2	-1	1.0492	1.0472	-0.0020	-0.9168	-0.9172	0.0004
2023-09-17T13:31:45	1	0	4	4	0	1.0294	1.0292	-0.0002	0.987	0.9866	0.0004
2023-09-17T13:37:11	1	0	8	8	0	0.9693	0.9693	0.0000	0.9853	0.9852	0.0001
2023-09-17T13:46:46	1	0	1	1	0	1.0349	1.0348	-0.0001	0.986	0.9858	0.0002
2023-09-17T13:50:06	1	0	32	30	2	0.9390	0.9394	0.0005	0.8736	0.8749	-0.0013
2023-09-17T13:50:44	7	0	28	28	0	0.9524	0.9524	-0.0001	-0.9966	-0.9968	0.0002
2023-09-17T13:53:08	1	0	4	4	0	0.9616	0.9627	0.0011	0.9544	0.9429	0.0115
2023-09-17T14:05:07	1	0	3	1	2	1.0635	1.0611	-0.0024	-0.9799	-0.9813	0.0014
2023-09-17T14:05:21	2	0	3	3	0	1.0469	1.0466	-0.0003	0.9852	0.9853	-0.0001
2023-09-17T14:05:39	5	0	8	10	-2	1.0517	1.0516	-0.0001	0.9876	0.9877	-0.0001
2023-09-17T14:05:53	4	0	8	8	0	0.9657	0.9657	-0.0001	-0.9966	-0.9966	0.0000
2023-09-17T14:06:08	2	0	7	8	-1	0.9966	0.9994	0.0027	0.9731	0.9733	-0.0002
2023-09-17T14:07:13	1	0	11	11	0	0.9825	0.9825	0.0000	0.9895	0.9895	0.0000
2023-09-17T14:11:57	1	0	1	1	0	1.0565	1.0564	-0.0001	-0.9996	-0.9996	0.0000
2023-09-17T14:11:57	2	0	3	3	0	1.0127	1.0125	-0.0001	0.9748	0.9747	0.0001
2023-09-17T14:13:31	1	0	2	2	0	1.0264	1.0256	-0.0008	-0.9956	-0.9957	0.0001
2023-09-17T14:15:59	2	0	27	27	0	1.0530	1.0530	0.0000	0.9746	0.9746	0.0000
2023-09-17T14:16:48	2	0	1	2	-1	1.0349	1.0344	-0.0005	0.9868	0.9866	0.0002
2023-09-17T14:17:29	1	0	5	5	0	1.0387	1.0387	0.0000	-0.9993	-0.9993	0.0000
2023-09-17T14:19:12	1	0	4	4	0	1.0335	1.0335	-0.0001	-0.9973	-0.9973	0.0000
2023-09-17T14:19:23	1	0	82	82	0	0.9462	0.9464	0.0002	0.9884	0.9883	0.0001
2023-09-17T14:20:08	1	0	7	5	2	1.0538	1.0517	-0.0021	-0.9888	-0.9894	0.0006
2023-09-17T14:20:22	2	0	1	1	0	1.0331	1.0323	-0.0008	0.9821	0.9863	-0.0042
2023-09-17T14:20:37	4	0	307	307	0	0.8426	0.8429	0.0003	0.8692	0.8619	0.0073
2023-09-17T14:20:54	1	0	6	6	0	0.9399	0.9399	0.0001	-0.9965	-0.9965	0.0000
2023-09-17T14:21:09	2	0	8	8	0	0.9993	0.9992	-0.0001	0.9743	0.9743	0.0000
2023-09-17T14:21:32	1	0	19	16	3	0.9419	0.9420	0.0001	0.9956	0.9958	-0.0002
2023-09-17T14:21:45	1	0	2	2	0	1.0304	1.0301	-0.0003	-0.9993	-0.9993	0.0000
2023-09-17T14:21:58	2	0	2	2	0	0.9437	0.9441	0.0004	0.8537	0.855	-0.0013
2023-09-17T14:22:20	3	0	30	29	1	1.0520	1.0518	-0.0002	0.9998	0.9997	0.0001
2023-09-17T14:26:58	1	0	1	1	0	1.0556	1.0555	-0.0001	-0.9994	-0.9994	0.0000
2023-09-17T14:27:50	3	0	2	2	0	0.9897	0.9898	0.0002	-0.9953	-0.9952	-0.0001
2023-09-17T14:28:36	1	0	2	2	0	1.0253	1.0243	-0.0010	-0.9959	-0.996	0.0001
2023-09-17T14:30:40	1	0	15	15	0	1.0477	1.0477	0.0000	-0.9833	-0.9833	0.0000
2023-09-17T14:31:01	2	0	29	29	0	1.0546	1.0546	0.0000	0.9749	0.9748	0.0001
2023-09-17T14:31:48	1	0	3	3	0	1.0376	1.0373	-0.0003	0.9963	0.9963	0.0000
2023-09-17T14:32:30	1	0	5	5	0	1.0399	1.0399	0.0000	-0.9994	-0.9994	0.0000
2023-09-17T14:33:58	1	0	40	39	1	1.0567	1.0566	-0.0001	-0.9911	-0.9912	0.0001
2023-09-17T14:34:06	1	0	5	6	-1	0.9366	0.9378	0.0012	-0.9972	-0.9973	0.0001
2023-09-17T14:34:33	1	0	45	45	0	0.9611	0.9611	0.0000	0.9908	0.9909	-0.0001
2023-09-17T14:35:23	2	0	1	1	0	1.0351	1.0349	-0.0002	0.9827	0.9828	-0.0001
2023-09-17T14:35:41	4	0	105	98	7	0.9444	0.9373	-0.0072	0.9189	0.9279	-0.0090
2023-09-17T14:35:55	10	0	3	3	0	0.9738	0.9733	-0.0005	-0.9988	-0.9989	0.0001
2023-09-17T14:36:10	2	0	5	5	0	1.0043	1.0043	-0.0001	0.9741	0.9741	0.0000
2023-09-17T14:36:55	1	0	2	2	0	1.0404	1.0403	-0.0002	-1	-1	0.0000
2023-09-17T14:36:59	2	0	2	2	0	0.9428	0.9428	0.0001	0.8417	0.842	-0.0003
2023-09-17T14:37:15	1	0	6	6	0	0.9975	0.9975	0.0000	0.9888	0.9893	-0.0005
2023-09-17T14:37:26	3	0	30	30	0	1.0496	1.0494	-0.0001	0.9997	0.9996	0.0001
2023-09-17T14:41:59	2	0	2	2	0	0.9960	0.9957	-0.0003	0.9737	0.9736	0.0001
2023-09-17T14:42:57	3	0	1	1	0	0.9887	0.9892	0.0005	-0.9947	-0.9946	-0.0001
2023-09-17T14:43:41	1	0	2	2	0	1.0242	1.0233	-0.0009	-0.9967	-0.9968	0.0001
2023-09-17T14:45:54	1	0	12	12	0	1.0465	1.0464	-0.0001	-0.9837	-0.9838	0.0001
2023-09-17T14:46:01	1	0	55	54	1	1.0574	1.0574	0.0000	0.9713	0.9712	0.0001
2023-09-17T14:46:51	1	0	7	7	0	1.0438	1.0435	-0.0004	0.995	0.9949	0.0001
2023-09-17T14:48:59	1	0	41	41	0	1.0558	1.0558	0.0000	-0.9918	-0.9918	0.0000
2023-09-17T14:49:44	1	0	11	10	1	1.0467	1.0480	0.0013	-0.9996	-0.9996	0.0000
2023-09-17T14:49:46	1	0	15	15	0	0.9908	0.9906	-0.0002	0.9915	0.9915	0.0000
2023-09-17T14:50:46	1	0	308	308	0	0.8108	0.8110	0.0002	0.8757	0.8753	0.0004
2023-09-17T14:52:58	1	0	36	36	0	1.0507	1.0506	-0.0001	-0.9775	-0.9777	0.0002
2023-09-17T14:57:01	1	0	57	57	0	0.9207	0.9206	0.0000	0.9489	0.95	-0.0011
2023-09-17T14:57:01	1	0	1	1	0	1.0562	1.0562	0.0000	-0.9988	-0.9993	0.0005
2023-09-17T15:06:46	1	0	11	9	2	0.9422	0.9423	0.0002	0.9981	0.9983	-0.0002
2023-09-17T15:19:16	1	0	5	5	0	1.0335	1.0335	0.0000	-0.9963	-0.9963	0.0000
2023-09-17T15:21:51	1	0	5	4	1	0.9435	0.9439	0.0004	0.9977	0.9979	-0.0002
2023-09-17T15:35:13	1	0	2	2	0	1.0513	1.0512	-0.0001	-0.9848	-0.9849	0.0001
2023-09-17T15:35:45	1	0	6	6	0	0.9432	0.9434	0.0002	0.9538	0.9533	0.0005
2023-09-17T15:39:55	2	0	12	11	1	1.0325	1.0329	0.0003	0.9694	0.969	0.0004
2023-09-17T15:44:07	2	0	3	3	0	1.0311	1.0308	-0.0003	0.9966	0.9966	0.0000
2023-09-17T15:50:46	1	0	7	7	0	1.0346	1.0345	-0.0001	0.9808	0.9807	0.0001
2023-09-17T15:51:12	1	0	2	2	0	0.9330	0.9331	0.0001	-0.9982	-0.9982	0.0000
2023-09-17T15:51:54	1	0	2	2	0	0.9412	0.9416	0.0004	-0.9995	-0.9995	0.0000
2023-09-17T15:53:03	2	0	19	19	0	1.0503	1.0502	-0.0001	-0.9812	-0.9812	0.0000
2023-09-17T16:07:00	1	0	1	1	0	0.9432	0.9437	0.0005	0.9888	0.9889	-0.0001
2023-09-17T16:16:16	1	0	1	1	0	1.0407	1.0406	-0.0001	0.9951	0.995	0.0001
2023-09-17T16:16:49	1	0	4	4	0	0.9667	0.9670	0.0003	-0.9996	-0.9995	-0.0001
2023-09-17T16:22:04	1	0	8	8	0	0.9429	0.9434	0.0004	0.988	0.9882	-0.0002

2023-09-17T16:40:30	1	0	2	2	0	0.9434	0.9438	0.0004	0.9976	0.9976	0.0000
2023-09-17T16:48:49	1	0	6	6	0	0.9835	0.9833	-0.0002	0.9857	0.9854	0.0003
2023-09-17T18:20:24	1	0	40	39	1	0.9335	0.9334	0.0000	0.8779	0.8785	-0.0006
2023-09-18T07:49:43	1	0	39	39	0	0.9352	0.9353	0.0001	0.8371	0.8374	-0.0003
2023-09-18T08:14:14	1	0	55	55	0	1.0531	1.0530	0.0000	-0.8804	-0.8799	-0.0005
2023-09-18T08:18:31	1	0	34	33	1	0.9468	0.9470	0.0001	0.9664	0.9664	0.0000
2023-09-18T08:36:47	1	0	12	10	2	0.9388	0.9387	-0.0001	-0.996	-0.9958	-0.0002
2023-09-18T08:40:39	1	0	1	1	0	1.0301	1.0297	-0.0004	-0.9416	-0.9411	-0.0005
2023-09-18T08:49:47	1	0	21	18	3	1.0511	1.0494	-0.0017	-0.9806	-0.9968	0.0162
2023-09-18T09:05:47	2	0	9	9	0	1.0105	1.0104	-0.0001	0.9727	0.9727	0.0000
2023-09-18T09:16:21	1	0	1	1	0	0.9434	0.9438	0.0004	-0.9986	-0.9986	0.0000
2023-09-18T09:17:47	1	0	7	7	0	0.9686	0.9685	-0.0001	0.9635	0.9638	-0.0003
2023-09-18T09:19:49	1	0	43	43	0	0.9250	0.9255	0.0005	0.8269	0.8274	-0.0005
2023-09-18T09:20:54	1	0	18	18	0	1.0490	1.0490	-0.0001	0.9999	0.9999	0.0000
2023-09-18T09:27:39	1	0	3	3	0	1.0263	1.0261	-0.0002	0.984	0.9839	0.0001
2023-09-18T09:29:01	2	0	2	2	0	1.0359	1.0356	-0.0003	-0.9756	-0.9759	0.0003
2023-09-18T09:29:40	1	0	1	1	0	0.9436	0.9441	0.0005	0.9861	0.9861	0.0000
2023-09-18T09:29:40	1	0	196	194	2	1.0558	1.0558	0.0000	0.9996	0.9996	0.0000
2023-09-18T09:32:48	1	0	5	5	0	0.9775	0.9773	-0.0002	0.9685	0.9691	-0.0006
2023-09-18T09:35:07	1	0	2	2	0	0.9798	0.9795	-0.0003	0.9102	0.9098	0.0004
2023-09-18T09:35:29	1	0	27	27	0	1.0537	1.0536	-0.0001	0.9792	0.9791	0.0001
2023-09-18T09:42:33	1	0	2	2	0	1.0241	1.0234	-0.0008	1	1	0.0000
2023-09-18T09:45:43	1	0	1	1	0	0.8479	0.8483	0.0004	0.9973	0.9973	0.0000
2023-09-18T09:45:45	1	0	2	2	0	1.0211	1.0211	-0.0001	0.9732	0.9729	0.0003
2023-09-18T09:49:43	2	0	1	0	1	1.0558	null	null	0.9959	0.9959	0.0000
2023-09-18T09:51:31	1	0	1	1	0	1.0613	1.0603	-0.0010	0.9999	0.9999	0.0000
2023-09-18T09:55:34	1	0	4	4	0	1.1168	1.1167	-0.0001	0.996	0.996	0.0000
2023-09-18T09:57:38	1	0	4	4	0	1.0226	1.0223	-0.0003	-0.9597	-0.9598	0.0001
2023-09-18T09:58:28	1	0	5	5	0	1.0308	1.0306	-0.0002	0.9972	0.9971	0.0001
2023-09-18T09:59:21	1	0	55	55	0	1.0540	1.0540	0.0000	-0.9785	-0.9782	-0.0003
2023-09-18T10:00:44	1	0	1	1	0	0.8499	0.8499	0.0000	0.9966	0.9966	0.0000
2023-09-18T10:01:33	1	0	12	12	0	1.0364	1.0363	-0.0001	0.9875	0.9872	0.0003
2023-09-18T10:03:38	3	0	63	60	3	0.9374	0.9380	0.0005	0.9448	0.9452	-0.0004
2023-09-18T10:03:53	1	0	35	34	1	0.9381	0.9385	0.0004	0.9986	0.9987	-0.0001
2023-09-18T10:04:53	1	0	85	85	0	1.0570	1.0563	-0.0007	-0.9919	-0.9929	0.0010
2023-09-18T10:05:01	2	0	3	3	0	1.0172	1.0171	-0.0002	0.9855	0.9855	0.0000
2023-09-18T10:05:11	4	0	288	284	4	0.8861	0.8863	0.0003	0.8529	0.8531	-0.0002
2023-09-18T10:05:31	2	0	20	18	2	1.0532	1.0534	0.0003	0.9737	0.9735	0.0002
2023-09-18T10:05:46	1	0	6	6	0	1.0150	1.0148	-0.0002	0.9973	0.9969	0.0004
2023-09-18T10:05:57	1	0	23	22	1	1.0453	1.0450	-0.0002	0.9961	0.9958	0.0003
2023-09-18T10:05:57	2	0	7	7	0	0.9955	0.9953	-0.0002	0.9674	0.9672	0.0002
2023-09-18T10:06:07	1	0	17	17	0	1.0448	1.0448	-0.0001	0.9971	0.9971	0.0000
2023-09-18T10:06:32	1	0	1	1	0	1.0629	1.0618	-0.0011	1	1	0.0000
2023-09-18T10:06:58	1	0	16	15	1	1.0490	1.0483	-0.0007	0.9876	0.9876	0.0000
2023-09-18T10:07:43	3	0	2	2	0	1.0385	1.0378	-0.0007	-0.9853	-0.9858	0.0005
2023-09-18T10:07:55	1	0	14	14	0	1.0319	1.0320	0.0000	-1	-0.9999	-0.0001
2023-09-18T10:08:12	5	0	46	43	3	1.0428	1.0425	-0.0003	0.998	0.9986	-0.0006
2023-09-18T10:09:41	1	0	9	9	0	1.0321	1.0321	-0.0001	0.9657	0.9654	0.0003
2023-09-18T10:10:00	1	0	6	6	0	1.0188	1.0187	-0.0001	0.9998	0.9998	0.0000
2023-09-18T10:10:35	1	0	3	3	0	1.1538	1.1536	-0.0001	0.9951	0.9951	0.0000
2023-09-18T10:10:45	1	0	1	1	0	1.0293	1.0287	-0.0006	-0.9581	-0.9569	-0.0012
2023-09-18T10:11:51	1	0	1	1	0	1.0594	1.0590	-0.0004	0.9974	0.9972	0.0002
2023-09-18T10:12:22	2	0	2	2	0	0.9906	0.9909	0.0002	-0.9988	-0.9988	0.0000
2023-09-18T10:12:42	1	0	4	4	0	1.0226	1.0223	-0.0003	0.983	0.9828	0.0002
2023-09-18T10:12:44	1	0	2	2	0	1.0289	1.0278	-0.0011	-1	-1	0.0000
2023-09-18T10:14:07	2	0	3	3	0	1.0394	1.0391	-0.0003	1	0.9999	0.0001
2023-09-18T10:14:22	2	0	215	201	14	1.0614	1.0609	-0.0005	-0.8919	-0.8946	0.0027
2023-09-18T10:14:43	1	0	1	1	0	0.9439	0.9446	0.0007	0.9802	0.9804	-0.0002
2023-09-18T10:16:11	1	0	3	3	0	1.0346	1.0341	-0.0005	-0.9994	-0.9994	0.0000
2023-09-18T10:16:29	1	0	43	39	4	1.0597	1.0597	0.0000	0.9925	0.9924	0.0001
2023-09-18T10:17:10	1	0	50	48	2	0.9451	0.9454	0.0003	0.9794	0.9797	-0.0003
2023-09-18T10:20:15	1	0	3	3	0	1.0532	1.0526	-0.0006	0.9891	0.989	0.0001
2023-09-18T10:20:32	1	0	12	12	0	1.0525	1.0525	0.0000	0.9755	0.9686	0.0069
2023-09-18T10:20:47	3	0	6	6	0	1.0127	1.0123	-0.0004	0.9964	0.9958	0.0006
2023-09-18T10:20:48	1	0	3	3	0	1.0397	1.0395	-0.0002	-0.9979	-0.9979	0.0000
2023-09-18T10:21:07	3	0	7	7	0	1.0407	1.0404	-0.0003	0.9969	0.9969	0.0000
2023-09-18T10:22:47	1	0	1	1	0	1.0603	1.0600	-0.0003	0.9901	0.99	0.0001
2023-09-18T10:24:42	2	0	12	12	0	1.0342	1.0341	-0.0001	0.9646	0.9642	0.0004
2023-09-18T10:25:46	1	0	1	1	0	1.0213	1.0176	-0.0037	-0.9746	-0.9754	0.0008
2023-09-18T10:27:23	1	0	1	1	0	0.9864	0.9870	0.0006	-0.9987	-0.9986	-0.0001
2023-09-18T10:30:31	6	0	1	1	0	0.9410	0.9413	0.0003	-1	-1	0.0000
2023-09-18T10:30:48	3	0	2	2	0	1.0490	1.0464	-0.0027	0.9449	0.9718	-0.0269
2023-09-18T10:30:49	2	0	63	63	0	0.9840	0.9839	0.0000	0.9659	0.9657	0.0002
2023-09-18T10:33:40	1	0	120	119	1	0.9303	0.9291	-0.0012	0.9343	0.9343	0.0000
2023-09-18T10:34:50	2	0	5	4	1	1.0461	1.0459	-0.0002	0.9831	0.9825	0.0006
2023-09-18T10:36:08	1	0	10	10	0	1.0448	1.0447	-0.0001	0.9967	0.9967	0.0000
2023-09-18T10:36:09	1	0	1	0	1	1.0559	null	null	0.9526	0.9627	-0.0101
2023-09-18T10:40:22	1	0	8	8	0	1.0468	1.0467	-0.0002	0.9976	0.9975	0.0001
2023-09-18T10:41:47	1	0	17	15	2	0.9569	0.9587	0.0018	0.9768	0.9767	0.0001
2023-09-18T10:43:07	1	0	7	7	0	1.0050	1.0051	0.0001	0.9415	0.9416	-0.0001
2023-09-18T10:43:47	1	0	20	20	0	1.0452	1.0451	-0.0001	0.9774	0.9772	0.0002
2023-09-18T10:45:39	4	0	1	1	0	0.9430	0.9442	0.0012	-0.9999	-0.9999	0.0000
2023-09-18T10:47:53	1	0	7	7	0	0.9844	0.9845	0.0001	0.9618	0.9631	-0.0013
2023-09-18T10:47:56	2	0	20	19	1	0.9878	0.9842	-0.0036	0.9731	0.9731	0.0000
2023-09-18T10:48:55	3	0	2	0	2	1.0312	null	null	0.999	0.999	0.0000

2023-09-18T10:50:17	1	0	1	1	0	1.0557	1.0553	-0.0004	-0.9998	-0.9998	0.0000
2023-09-18T10:50:54	1	0	2	2	0	1.0128	1.0116	-0.0012	0.9937	0.9819	0.0118
2023-09-18T10:51:18	1	0	21	21	0	1.0483	1.0478	-0.0006	0.9971	0.9966	0.0005
2023-09-18T10:55:06	1	0	3	3	0	1.0158	1.0157	-0.0001	0.9999	0.9999	0.0000
2023-09-18T10:58:07	1	0	8	8	0	1.0139	1.0138	0.0000	0.9471	0.947	0.0001
2023-09-18T10:58:29	1	0	7	7	0	1.0229	1.0229	-0.0001	-0.9894	-0.9895	0.0001
2023-09-18T10:58:37	1	0	9	9	0	1.0461	1.0459	-0.0001	0.9908	0.9907	0.0001
2023-09-18T10:58:48	1	0	15	15	0	1.0452	1.0451	-0.0001	0.9765	0.9764	0.0001
2023-09-18T10:59:17	1	0	4	4	0	1.0368	1.0368	0.0000	0.9994	0.9994	0.0000
2023-09-18T11:00:54	1	0	1	0	1	1.0214	null	null	0.9421	0.9429	-0.0008
2023-09-18T11:00:57	3	0	22	19	3	1.0523	1.0526	0.0003	-0.932	-0.9283	-0.0037
2023-09-18T11:01:37	1	0	9	9	0	1.0327	1.0326	-0.0001	0.9874	0.9871	0.0003
2023-09-18T11:02:54	1	0	5	5	0	0.9780	0.9780	0.0000	0.9645	0.9644	0.0001
2023-09-18T11:03:47	1	0	89	86	3	0.9387	0.9388	0.0000	0.9401	0.9401	0.0000
2023-09-18T11:03:56	1	0	5	5	0	1.0423	1.0418	-0.0005	0.9992	0.9992	0.0000
2023-09-18T11:05:18	3	0	5	5	0	1.0379	1.0378	-0.0002	0.9851	0.9867	-0.0016
2023-09-18T11:06:10	10	0	38	31	7	1.0563	1.0548	-0.0015	0.9991	0.9987	0.0004
2023-09-18T11:06:11	1	0	1	1	0	1.0562	1.0561	-0.0001	0.9458	0.9458	0.0000
2023-09-18T11:06:57	1	0	1	1	0	0.9359	0.9377	0.0018	-0.9807	-0.9795	-0.0012
2023-09-18T11:08:53	1	0	29	26	3	0.9406	0.9409	0.0004	0.9925	0.9925	0.0000
2023-09-18T11:09:36	1	0	42	16	26	1.0565	1.0556	-0.0009	0.9688	0.966	0.0028
2023-09-18T11:15:04	1	0	6	6	0	1.0440	1.0440	-0.0001	-1	-1	0.0000
2023-09-18T11:15:53	1	0	1	1	0	1.0388	1.0372	-0.0016	0.9941	0.994	0.0001
2023-09-18T11:15:57	1	0	2	2	0	1.0199	1.0195	-0.0003	0.9653	0.9638	0.0015
2023-09-18T11:16:46	1	0	2	2	0	1.0614	1.0609	-0.0005	0.975	0.9731	0.0019
2023-09-18T11:18:06	2	0	19	18	1	1.0068	1.0039	-0.0029	0.9736	0.9734	0.0002
2023-09-18T11:18:12	2	0	6	5	1	1.0532	1.0517	-0.0014	0.9593	0.9586	0.0007
2023-09-18T11:20:39	1	0	2	2	0	1.0569	1.0562	-0.0006	-0.9994	-0.9995	0.0001
2023-09-18T11:20:59	3	0	6	6	0	1.0130	1.0129	-0.0001	0.9936	0.9933	0.0003
2023-09-18T11:21:21	1	0	10	10	0	1.0387	1.0384	-0.0003	0.9967	0.9967	0.0000
2023-09-18T11:21:25	8	0	36	33	3	1.0552	1.0552	0.0000	0.9993	0.9992	0.0001
2023-09-18T11:22:24	2	0	33	32	1	1.0495	1.0496	0.0001	-0.9868	-0.9867	-0.0001
2023-09-18T11:24:51	1	0	1	1	0	1.0560	1.0551	-0.0009	-0.9919	-0.9922	0.0003
2023-09-18T11:28:08	1	0	3	3	0	1.0294	1.0285	-0.0009	1	1	0.0000
2023-09-18T11:28:34	1	0	2	3	-1	1.0289	1.0286	-0.0004	0.9943	0.9955	-0.0012
2023-09-18T11:29:48	1	0	1	1	0	0.9966	0.9966	0.0000	0.9788	0.9788	0.0000
2023-09-18T11:30:17	1	0	6	6	0	1.0455	1.0454	-0.0001	-1	-1	0.0000
2023-09-18T11:30:41	1	0	2	2	0	1.0513	1.0511	-0.0002	-0.9995	-0.9995	0.0000
2023-09-18T11:30:53	2	0	60	61	-1	0.9821	0.9822	0.0000	0.964	0.964	0.0000
2023-09-18T11:30:58	4	0	3	3	0	1.0102	1.0099	-0.0003	0.9807	0.8996	0.0811
2023-09-18T11:31:15	1	0	1	1	0	1.0581	1.0571	-0.0010	0.993	0.9929	0.0001
2023-09-18T11:31:47	1	0	5	5	0	1.0397	1.0395	-0.0002	-1	-1	0.0000
2023-09-18T11:32:42	1	0	36	36	0	0.9600	0.9600	-0.0001	0.9819	0.9816	0.0003
2023-09-18T11:32:56	3	0	7	7	0	0.9703	0.9706	0.0003	0.953	0.9531	-0.0001
2023-09-18T11:33:59	2	0	58	57	1	0.9238	0.9242	0.0005	0.9971	0.997	0.0001
2023-09-18T11:35:08	2	0	2	2	0	1.0459	1.0455	-0.0003	0.9837	0.9835	0.0002
2023-09-18T11:35:15	2	0	1	1	0	1.0568	1.0559	-0.0009	-0.6916	-0.6928	0.0012
2023-09-18T11:35:26	4	0	1	3	-2	1.0581	0.9811	-0.0770	0.9173	0.9149	0.0024
2023-09-18T11:35:48	1	0	2	2	0	1.0565	1.0563	-0.0002	-0.9997	-0.9997	0.0000
2023-09-18T11:36:33	6	0	7	7	0	1.0422	1.0422	0.0000	0.9963	0.9963	0.0000
2023-09-18T11:36:46	1	0	2	2	0	1.0327	1.0326	-0.0001	-0.9993	-0.9992	-0.0001
2023-09-18T11:39:46	1	0	188	171	17	1.0652	1.0631	-0.0021	0.9926	0.9917	0.0009
2023-09-18T11:42:45	1	0	2	2	0	1.0008	1.0008	0.0000	-0.9728	-0.964	-0.0088
2023-09-18T11:42:56	2	0	1	1	0	0.9794	0.9795	0.0001	-0.9992	-0.9992	0.0000
2023-09-18T11:43:14	1	0	2	2	0	1.0242	1.0237	-0.0006	-1	-1	0.0000
2023-09-18T11:43:19	2	0	6	6	0	1.0256	1.0256	0.0000	0.9552	0.9552	0.0000
2023-09-18T11:45:54	2	0	58	58	0	0.9773	0.9773	0.0000	0.9629	0.963	-0.0001
2023-09-18T11:46:37	1	0	65	64	1	1.0598	1.0596	-0.0001	-0.9913	-0.9913	0.0000
2023-09-18T11:46:40	2	0	6	6	0	1.0300	1.0300	0.0000	0.9858	0.9857	0.0001
2023-09-18T11:47:00	1	0	8	8	0	1.0435	1.0434	-0.0001	-1	-1	0.0000
2023-09-18T11:48:04	1	0	84	83	1	0.9417	0.9418	0.0000	0.9758	0.9756	0.0002
2023-09-18T11:49:15	2	0	1	0	1	1.0553	null	null	0.9483	0.9483	0.0000
2023-09-18T11:50:57	1	0	2	2	0	1.0587	1.0585	-0.0002	-0.9998	-0.9998	0.0000
2023-09-18T11:53:02	1	0	10	10	0	1.0464	1.0464	0.0000	0.9999	1	-0.0001
2023-09-18T11:54:51	1	0	226	226	0	1.0750	1.0736	-0.0014	0.9608	0.9597	0.0011
2023-09-18T11:55:04	2	0	5	3	2	1.0587	1.0576	-0.0011	-0.9955	-0.9956	0.0001
2023-09-18T11:55:27	1	0	4	4	0	1.0486	1.0486	0.0000	0.9936	0.9936	0.0000
2023-09-18T11:56:52	1	0	2	2	0	0.9944	0.9942	-0.0002	0.9853	0.9847	0.0006
2023-09-18T11:57:39	1	0	4	5	-1	1.0588	1.0582	-0.0007	0.9965	0.9966	-0.0001
2023-09-18T11:57:46	1	0	2	2	0	1.0006	1.0006	0.0000	-0.968	-0.9584	-0.0096
2023-09-18T11:58:20	1	0	2	2	0	1.0289	1.0286	-0.0003	1	1	0.0000
2023-09-18T11:58:20	2	0	6	6	0	1.0512	1.0512	0.0000	0.9635	0.9635	0.0000
2023-09-18T11:59:50	1	0	3	3	0	1.0478	1.0478	0.0000	0.9748	0.9749	-0.0001
2023-09-18T12:01:39	1	0	2	2	0	1.0567	1.0566	-0.0002	0.9957	0.9957	0.0000
2023-09-18T12:04:01	2	0	16	12	4	0.9403	0.9408	0.0005	0.9964	0.9964	0.0000
2023-09-18T12:04:16	2	0	3	2	1	1.0497	1.0452	-0.0044	0.943	0.9429	0.0001
2023-09-18T12:05:17	5	0	19	18	1	1.0526	1.0523	-0.0003	-0.7019	-0.7007	-0.0012
2023-09-18T12:05:27	1	0	17	16	1	1.0511	1.0505	-0.0006	0.9991	0.9991	0.0000
2023-09-18T12:06:09	1	0	3	3	0	1.0108	1.0100	-0.0008	-0.9987	0.9904	0.0109
2023-09-18T12:08:04	1	0	3	3	0	1.0452	1.0452	0.0000	0.9995	0.9996	-0.0001
2023-09-18T12:09:57	1	0	259	264	-5	1.0737	1.0726	-0.0011	0.9832	0.9826	0.0006
2023-09-18T12:10:17	1	0	5	4	1	1.0587	1.0583	-0.0004	-0.9975	-0.996	-0.0015
2023-09-18T12:11:53	3	0	2	2	0	1.0011	1.0007	-0.0005	0.9905	0.9905	0.0000
2023-09-18T12:12:47	1	0	3	3	0	1.0111	1.0112	0.0001	-0.9718	-0.9847	0.0129
2023-09-18T12:16:06	4	0	2	2	0	1.0458	1.0458	-0.0001	0.9425	0.9428	-0.0003

2023-09-18T12:18:13	1	0	16	16	0	0.9873	0.9872	-0.0001	0.9827	0.9824	0.0003
2023-09-18T12:21:13	2	0	9	9	0	1.0148	1.0145	-0.0003	1	-0.9972	-0.0028
2023-09-18T12:30:45	1	0	4	5	-1	1.0450	1.0470	0.0020	-1	-1	0.0000
2023-09-18T12:44:53	1	0	4	4	0	1.0474	1.0474	0.0000	0.9829	0.9827	0.0002
2023-09-18T12:45:58	2	0	67	67	0	0.9855	0.9855	0.0000	0.963	0.9631	-0.0001
2023-09-18T12:51:12	1	0	1	1	0	1.0570	1.0570	0.0000	1	1	0.0000
2023-09-18T12:53:09	1	0	15	14	1	0.9443	0.9446	0.0004	0.9974	0.9976	-0.0002
2023-09-18T12:55:31	1	0	3	3	0	1.0495	1.0495	0.0000	0.9932	0.9933	-0.0001
2023-09-18T12:56:56	3	0	1	1	0	0.9397	0.9397	0.0000	0.9856	0.9858	-0.0002
2023-09-18T12:57:50	1	0	3	3	0	1.0187	1.0187	0.0000	-0.9696	-0.9695	-0.0001
2023-09-18T12:58:24	1	0	15	15	0	0.9765	0.9765	0.0000	0.9337	0.9337	0.0000
2023-09-18T13:00:56	1	0	2	2	0	0.9500	0.9498	-0.0002	0.9763	0.9762	0.0001
2023-09-18T13:05:35	1	0	1	1	0	1.0604	1.0554	-0.0050	0.9073	0.9075	-0.0002
2023-09-18T13:16:37	1	0	26	25	1	1.0555	1.0555	0.0000	0.9423	0.9424	-0.0001
2023-09-18T13:20:36	3	0	2	3	-1	0.9989	0.9807	-0.0182	0.9096	0.9088	0.0008
2023-09-18T13:28:20	2	0	27	26	1	1.0533	1.0532	-0.0001	0.9997	0.9997	0.0000
2023-09-18T13:28:26	1	0	18	18	0	0.9739	0.9740	0.0001	0.9437	0.9437	0.0000
2023-09-18T13:30:20	1	0	2	2	0	1.0301	1.0301	0.0000	0.9934	0.9935	-0.0001
2023-09-18T13:36:28	1	0	9	9	0	1.0158	1.0155	-0.0002	-0.9999	-0.995	-0.0049
2023-09-18T13:44:28	1	0	4	4	0	0.9916	0.9918	0.0001	0.9747	0.9747	0.0000
2023-09-18T13:51:30	1	0	2	2	0	1.0556	1.0554	-0.0003	1	1	0.0000
2023-09-18T13:51:30	1	0	5	5	0	1.0167	1.0166	-0.0001	0.9997	0.9996	0.0001
2023-09-18T13:53:13	1	0	3	4	-1	0.9743	0.9668	-0.0075	0.9993	0.9994	-0.0001
2023-09-18T14:00:22	1	0	2	2	0	1.0267	1.0265	-0.0001	0.9922	0.9922	0.0000
2023-09-18T14:04:12	1	0	72	72	0	0.9144	0.9145	0.0001	0.9942	0.9942	0.0000
2023-09-18T14:05:22	2	0	23	22	1	1.0499	1.0494	-0.0005	0.9815	0.9813	0.0002
2023-09-18T14:05:30	1	0	1	1	0	1.0649	1.0591	-0.0058	-0.9998	-0.9995	-0.0003
2023-09-18T14:05:42	1	0	1	1	0	1.0230	1.0225	-0.0005	0.9094	0.909	0.0004
2023-09-18T14:06:23	1	0	1	0	1	1.0585	null	null	0.9727	0.9732	-0.0005
2023-09-18T14:08:10	1	0	5	5	0	1.0485	1.0484	-0.0002	-0.9999	-0.9999	0.0000
2023-09-18T14:08:14	1	0	12	12	0	1.0297	1.0297	0.0000	0.9998	0.9998	0.0000
2023-09-18T14:12:48	1	0	3	3	0	1.0579	1.0578	0.0000	0.9956	0.9956	0.0000
2023-09-18T14:13:33	1	0	1	0	1	1.0274	null	null	0.9998	0.9998	0.0000
2023-09-18T14:16:02	5	0	1	1	0	1.0374	1.0374	0.0000	-0.9989	-0.9989	0.0000
2023-09-18T14:16:17	1	0	6	8	-2	0.9819	0.9725	-0.0094	-0.9583	-0.9585	0.0002
2023-09-18T14:16:49	1	0	21	21	0	1.0586	1.0583	-0.0003	0.9966	0.9966	0.0000
2023-09-18T14:17:20	1	0	3	3	0	1.0333	1.0330	-0.0003	0.9991	0.9991	0.0000
2023-09-18T14:18:24	1	0	5	5	0	1.0543	1.0521	-0.0021	0.9619	0.962	-0.0001
2023-09-18T14:18:25	2	0	24	24	0	0.9648	0.9648	0.0000	0.962	0.962	0.0000
2023-09-18T14:19:13	2	0	78	78	0	0.9126	0.9126	0.0000	0.9944	0.9943	0.0001
2023-09-18T14:19:16	1	0	7	7	0	1.0289	1.0283	-0.0005	0.9896	0.9894	0.0002
2023-09-18T14:20:25	2	0	18	18	0	1.0496	1.0495	-0.0001	0.9794	0.979	0.0004
2023-09-18T14:20:26	4	0	7	7	0	1.0502	1.0498	-0.0004	-0.7519	-0.7537	0.0018
2023-09-18T14:20:36	1	0	27	27	0	1.0463	1.0463	-0.0001	-0.9976	-0.9977	0.0001
2023-09-18T14:21:45	1	0	1	1	0	1.0577	1.0569	-0.0008	-1	-1	0.0000
2023-09-18T14:23:15	1	0	4	4	0	1.0205	1.0206	0.0000	0.9999	1	-0.0001
2023-09-18T14:26:12	1	0	2	1	1	1.0588	1.0586	-0.0003	-0.9978	-0.998	0.0002
2023-09-18T14:26:15	2	0	1	1	0	1.0346	1.0332	-0.0014	-0.9621	-0.9602	-0.0019
2023-09-18T14:27:49	1	0	2	2	0	1.0587	1.0586	-0.0002	0.9961	0.996	0.0001
2023-09-18T14:28:16	2	0	2	2	0	0.9903	0.9905	0.0002	-0.9997	-0.9997	0.0000
2023-09-18T14:28:30	1	0	8	8	0	1.0219	1.0218	-0.0001	0.9481	0.9479	0.0002
2023-09-18T14:29:10	2	0	30	30	0	1.0484	1.0484	0.0000	0.9775	0.9775	0.0000
2023-09-18T14:29:31	1	0	5	5	0	0.9808	0.9809	0.0000	0.9852	0.9853	-0.0001
2023-09-18T14:31:18	1	0	23	23	0	0.9667	0.9667	0.0000	-0.9539	-0.9538	-0.0001
2023-09-18T14:31:51	1	0	5	5	0	1.0404	1.0401	-0.0003	0.9872	0.987	0.0002
2023-09-18T14:31:51	2	0	9	9	0	1.0356	1.0355	-0.0001	0.9841	0.9837	0.0004
2023-09-18T14:32:31	1	0	3	3	0	1.0329	1.0326	-0.0004	0.999	0.999	0.0000
2023-09-18T14:33:15	2	0	5	5	0	0.9741	0.9742	0.0000	0.949	0.949	0.0000
2023-09-18T14:34:14	2	0	89	89	0	0.9098	0.9099	0.0001	0.9944	0.9944	0.0000
2023-09-18T14:34:26	2	0	43	43	0	0.9545	0.9547	0.0003	0.9816	0.9814	0.0002
2023-09-18T14:35:27	4	0	7	7	0	1.0496	1.0495	-0.0001	-0.747	-0.7471	0.0001
2023-09-18T14:35:29	4	0	16	16	0	1.0488	1.0487	-0.0001	0.9772	0.9768	0.0004
2023-09-18T14:35:46	1	0	32	31	1	0.9316	0.9291	-0.0026	0.8839	0.8838	0.0001
2023-09-18T14:35:46	1	0	24	24	0	0.9707	0.9706	-0.0001	0.9905	0.9904	0.0001
2023-09-18T14:36:36	1	0	3	3	0	1.0156	1.0153	-0.0003	0.9924	0.9919	0.0005
2023-09-18T14:36:50	1	0	5	5	0	1.0514	1.0512	-0.0002	-0.9997	-0.9997	0.0000
2023-09-18T14:37:14	1	0	1	1	0	1.0322	1.0321	-0.0001	-0.9993	-0.9997	0.0004
2023-09-18T14:38:16	1	0	9	9	0	0.9888	0.9888	0.0001	0.9997	0.9997	0.0000
2023-09-18T14:40:35	1	0	117	75	42	1.0577	1.0567	-0.0010	0.9617	0.9587	0.0030
2023-09-18T14:41:02	1	0	4	4	0	1.0455	1.0452	-0.0002	0.9917	0.9916	0.0001
2023-09-18T14:41:20	1	0	1	1	0	1.0558	1.0551	-0.0007	0.9988	0.9987	0.0001
2023-09-18T14:42:54	5	0	9	9	0	0.9470	0.9477	0.0008	0.9995	0.9996	-0.0001
2023-09-18T14:42:58	1	0	2	2	0	1.0589	1.0588	-0.0001	0.9952	0.9941	0.0011
2023-09-18T14:43:04	1	0	6	4	2	1.0310	1.0179	-0.0130	-0.982	-0.974	-0.0080
2023-09-18T14:43:23	3	0	2	2	0	0.9871	0.9873	0.0001	-0.9997	-0.9997	0.0000
2023-09-18T14:43:46	1	0	2	1	1	1.0283	1.0269	-0.0014	0.9997	0.9996	0.0001
2023-09-18T14:44:11	2	0	32	32	0	1.0474	1.0474	0.0000	0.9736	0.9736	0.0000
2023-09-18T14:46:04	1	0	7	7	0	1.0423	1.0422	-0.0001	0.9998	0.9997	0.0001
2023-09-18T14:46:10	1	0	64	64	0	0.9848	0.9848	0.0000	0.9589	0.9588	0.0001
2023-09-18T14:46:17	2	0	4	4	0	1.0305	1.0298	-0.0007	0.9999	0.9999	0.0000
2023-09-18T14:46:17	1	0	2	2	0	1.0181	1.0179	-0.0002	0.9025	0.9016	0.0009
2023-09-18T14:47:51	2	0	4	4	0	1.0272	1.0267	-0.0005	0.9669	0.9643	0.0026
2023-09-18T14:51:51	1	0	9	9	0	1.0373	1.0373	0.0000	-0.9985	-0.9984	-0.0001
2023-09-18T14:52:07	3	0	14	14	0	1.0476	1.0474	-0.0002	0.9953	0.9953	0.0000
2023-09-18T14:56:17	2	0	5	5	0	1.0281	1.0273	-0.0008	-0.9616	-0.9631	0.0015

2023-09-18T14:58:32	1	0	8	8	0	1.0266	1.0265	0.0000	0.9598	0.9598	0.0000
2023-09-18T15:01:11	1	0	25	25	0	1.0523	1.0523	0.0000	0.961	0.9609	0.0001
2023-09-18T15:01:58	1	0	28	27	1	1.0549	1.0548	-0.0002	0.9419	0.9396	0.0023
2023-09-18T15:03:41	2	0	32	31	1	0.9730	0.9703	-0.0027	0.9594	0.9594	0.0000
2023-09-18T15:04:16	2	0	46	45	1	0.9324	0.9324	0.0000	0.9992	0.9991	0.0001
2023-09-18T15:05:53	1	0	12	12	0	0.9430	0.9429	-0.0001	0.8943	0.8915	0.0028
2023-09-18T15:06:38	2	0	3	3	0	1.0165	1.0165	-0.0001	0.9929	0.9926	0.0003
2023-09-18T15:06:54	1	0	1	0	1	1.0552	null	null	-0.9995	-0.9995	0.0000
2023-09-18T15:07:20	2	0	8	8	0	1.0431	1.0431	0.0000	0.9962	0.9962	0.0000
2023-09-18T15:08:14	1	0	13	12	1	1.0479	1.0481	0.0002	-0.9991	-0.9991	0.0000
2023-09-18T15:13:07	1	0	30	29	1	1.0527	1.0526	-0.0001	0.9474	0.9474	0.0000
2023-09-18T15:16:45	1	0	6	6	0	0.9472	0.9475	0.0003	0.9951	0.9952	-0.0001
2023-09-18T15:19:42	2	0	47	46	1	1.0479	1.0476	-0.0003	0.9561	0.9559	0.0002
2023-09-18T15:20:30	1	0	16	15	1	1.0516	1.0513	-0.0003	-0.7315	-0.7314	-0.0001
2023-09-18T15:20:35	1	0	1	1	0	1.0403	1.0396	-0.0007	-0.9999	1	0.0001
2023-09-18T15:22:21	1	0	7	7	0	1.0438	1.0438	0.0000	0.9961	0.9961	0.0000
2023-09-18T15:51:41	1	0	4	4	0	1.0118	1.0118	0.0000	0.9945	0.9943	0.0002
2023-09-18T16:11:15	1	0	3	3	0	1.0249	1.0248	-0.0001	0.9836	0.9835	0.0001
2023-09-18T16:14:42	1	0	4	4	0	0.9945	0.9946	0.0001	0.9866	0.9863	0.0003
2023-09-18T16:28:11	1	0	5	5	0	1.0258	1.0257	0.0000	0.9826	0.9826	0.0000
2023-09-18T16:36:09	3	0	319	319	0	0.8576	0.8578	0.0001	0.8284	0.8285	-0.0001
2023-09-18T16:36:33	1	0	2	2	0	1.0330	1.0324	-0.0007	0.9867	0.992	-0.0053
2023-09-18T16:48:24	1	0	6	6	0	0.9782	0.9780	-0.0002	0.9482	0.9483	-0.0001
2023-09-19T08:03:39	1	0	4	4	0	0.9398	0.9401	0.0003	0.9558	0.9558	0.0000
2023-09-19T08:09:38	2	0	1035	1035	0	1.0639	1.0639	0.0000	-0.9943	-0.9943	0.0000
2023-09-19T08:10:17	1	0	141	140	1	1.0562	1.0561	0.0000	0.9999	0.9999	0.0000
2023-09-19T08:20:24	3	0	188	185	3	1.0587	1.0586	-0.0001	-0.9933	-0.9933	0.0000
2023-09-19T08:34:50	1	0	43	43	0	0.9249	0.9252	0.0003	0.8309	0.8314	-0.0005
2023-09-19T08:38:08	1	0	209	209	0	1.0595	1.0595	0.0000	-0.9901	-0.9901	0.0000
2023-09-19T08:44:14	1	0	122	119	3	1.0575	1.0574	-0.0001	-0.8538	-0.8536	-0.0002
2023-09-19T08:51:48	1	0	3	3	0	0.9405	0.9409	0.0004	-0.9953	-0.9951	-0.0002
2023-09-19T09:03:43	1	0	15	15	0	1.0360	1.0359	-0.0001	0.9815	0.9812	0.0003
2023-09-19T09:06:51	1	0	91	91	0	1.0012	1.0011	-0.0001	0.9614	0.9611	0.0003
2023-09-19T09:10:43	1	0	2	2	0	1.0296	1.0294	-0.0002	-0.9352	-0.9349	-0.0003
2023-09-19T09:16:08	1	0	2	2	0	0.9809	0.9811	0.0002	-0.9969	-0.9968	-0.0001
2023-09-19T09:16:31	1	0	10	10	0	1.0373	1.0372	-0.0001	0.9889	0.9886	0.0003
2023-09-19T09:20:49	2	0	8	8	0	1.0096	1.0094	-0.0002	0.9659	0.9658	0.0001
2023-09-19T09:20:51	1	0	478	480	-2	1.0604	1.0603	-0.0001	0.9991	0.999	0.0001
2023-09-19T09:24:31	1	0	10	10	0	1.0506	1.0502	-0.0004	0.9955	0.9949	0.0006
2023-09-19T09:28:18	1	0	4	4	0	1.0286	1.0284	-0.0002	0.9988	0.9988	0.0000
2023-09-19T09:29:03	2	0	2	2	0	1.0403	1.0401	-0.0002	-0.9756	-0.976	0.0004
2023-09-19T09:30:51	1	0	36	32	4	1.0525	1.0523	-0.0002	-0.9236	-0.9236	0.0000
2023-09-19T09:32:22	2	0	8	8	0	1.0314	1.0311	-0.0003	0.9803	0.9803	0.0000
2023-09-19T09:34:27	1	0	4	4	0	0.9233	0.9235	0.0002	0.9778	0.978	-0.0002
2023-09-19T09:35:44	1	0	9	9	0	1.0051	1.0050	-0.0001	0.9974	-0.9998	-0.0028
2023-09-19T09:35:52	1	0	508	500	8	1.0610	1.0610	0.0000	0.9925	0.992	0.0005
2023-09-19T09:36:32	1	0	1	1	0	1.0594	1.0585	-0.0009	0.9988	0.9988	0.0000
2023-09-19T09:40:07	1	0	1	1	0	1.0606	1.0598	-0.0008	0.9992	0.9985	0.0007
2023-09-19T09:42:32	1	0	2	1	1	1.0241	1.0233	-0.0009	-1	-1	0.0000
2023-09-19T09:42:41	1	0	2	2	0	1.0209	1.0207	-0.0003	0.9842	0.9841	0.0001
2023-09-19T09:45:45	1	0	1	1	0	0.8436	0.8439	0.0003	0.9845	0.9845	0.0000
2023-09-19T09:47:23	1	0	11	11	0	1.0328	1.0328	0.0000	0.9798	0.9798	0.0000
2023-09-19T09:49:00	1	0	7	8	-1	1.0463	1.0473	0.0009	0.998	0.9975	0.0005
2023-09-19T09:49:28	1	0	5	5	0	0.8857	0.8857	0.0000	0.9659	0.9663	-0.0004
2023-09-19T09:49:55	1	0	91	91	0	1.0573	1.0562	-0.0010	-0.9854	-0.9878	0.0024
2023-09-19T09:50:12	1	0	12	12	0	0.9445	0.9444	-0.0001	0.9078	0.9073	0.0005
2023-09-19T09:50:45	1	0	6	6	0	1.0100	1.0099	-0.0002	0.9968	0.9966	0.0002
2023-09-19T09:52:53	1	0	1	1	0	0.9429	0.9432	0.0003	-0.998	-0.9977	-0.0003
2023-09-19T09:53:11	5	0	20	19	1	1.0346	1.0344	-0.0002	0.9993	0.9993	0.0000
2023-09-19T09:53:27	3	0	36	33	3	0.9404	0.9411	0.0007	0.9932	0.9934	-0.0002
2023-09-19T09:54:48	1	0	1	0	1	1.0558	null	null	-0.9903	-0.9903	0.0000
2023-09-19T09:55:36	1	0	3	3	0	1.1432	1.1432	-0.0001	0.9888	0.9887	0.0001
2023-09-19T09:56:46	1	0	1	1	0	1.0567	1.0564	-0.0003	0.9987	0.9986	0.0001
2023-09-19T10:00:46	1	0	1	1	0	0.8428	0.8428	0.0000	0.9831	0.9831	0.0000
2023-09-19T10:00:53	1	0	6	6	0	1.0520	1.0520	0.0000	-0.9482	-0.9481	-0.0001
2023-09-19T10:01:34	2	0	7	7	0	1.0282	1.0281	-0.0001	0.9851	0.9849	0.0002
2023-09-19T10:02:10	1	0	15	15	0	1.0087	1.0086	-0.0001	0.9827	0.9825	0.0002
2023-09-19T10:02:24	1	0	6	6	0	1.0274	1.0273	-0.0001	0.9782	0.9804	-0.0022
2023-09-19T10:03:47	1	0	5	5	0	1.0293	1.0294	0.0001	0.979	0.9793	-0.0003
2023-09-19T10:04:11	1	0	26	23	3	1.0489	1.0496	0.0008	0.9974	0.9974	0.0000
2023-09-19T10:04:29	1	0	5	5	0	0.9276	0.9278	0.0002	0.975	0.9752	-0.0002
2023-09-19T10:05:31	8	0	48	36	12	1.0548	1.0538	-0.0010	-0.9993	-0.9995	0.0002
2023-09-19T10:05:46	3	0	3	3	0	1.0061	1.0057	-0.0004	-0.9999	-0.9999	0.0000
2023-09-19T10:05:52	2	0	6	6	0	1.0046	1.0043	-0.0004	0.9675	0.9674	0.0001
2023-09-19T10:06:08	3	0	302	289	13	1.0583	1.0580	-0.0002	0.9636	0.9604	0.0032
2023-09-19T10:06:34	1	0	2	2	0	1.0371	1.0363	-0.0008	0.9985	0.9985	0.0000
2023-09-19T10:06:53	1	0	1	0	1	0.9444	null	null	-0.9912	-0.9909	-0.0003
2023-09-19T10:06:55	1	0	19	17	2	1.0499	1.0496	-0.0003	0.984	0.984	0.0000
2023-09-19T10:07:46	3	0	2	2	0	1.0381	1.0373	-0.0008	-0.9835	-0.984	0.0005
2023-09-19T10:07:54	1	0	2	2	0	0.9409	0.9413	0.0004	-0.9982	-0.998	-0.0002
2023-09-19T10:08:12	5	0	23	22	1	1.0357	1.0361	0.0004	0.9993	0.9993	0.0000
2023-09-19T10:08:28	3	0	75	72	3	0.9332	0.9340	0.0008	0.9937	0.9939	-0.0002
2023-09-19T10:09:41	1	0	16	14	2	1.0538	1.0533	-0.0006	0.9876	0.9861	0.0015
2023-09-19T10:09:45	1	0	6	6	0	1.0234	1.0233	-0.0001	0.9647	0.9643	0.0004
2023-09-19T10:09:59	1	0	5	5	0	1.0156	1.0156	0.0000	0.9995	0.9995	0.0000

2023-09-19T10:10:09	2	0	2	2	0	1.0644	1.0630	-0.0014	0.9963	0.9918	0.0045
2023-09-19T10:10:25	1	0	71	61	10	1.0552	1.0550	-0.0002	0.9978	0.9977	0.0001
2023-09-19T10:12:43	1	0	2	2	0	1.0259	1.0248	-0.0011	-1	-1	0.0000
2023-09-19T10:12:43	1	0	3	3	0	1.0186	1.0183	-0.0003	0.9847	0.9845	0.0002
2023-09-19T10:13:42	1	0	33	32	1	1.0487	1.0486	-0.0001	0.9696	0.9694	0.0002
2023-09-19T10:14:09	2	0	3	3	0	1.0500	1.0497	-0.0003	-0.9815	-0.9821	0.0006
2023-09-19T10:14:20	2	0	104	95	9	1.0568	1.0564	-0.0004	-0.8409	-0.8419	0.0010
2023-09-19T10:15:31	1	0	1	1	0	0.9426	0.9426	0.0000	0.9975	0.9974	0.0001
2023-09-19T10:16:43	1	0	2	2	0	1.0587	1.0584	-0.0003	-0.9393	-0.9409	0.0016
2023-09-19T10:17:22	1	0	15	15	0	0.9976	0.9976	0.0000	0.9815	0.9813	0.0002
2023-09-19T10:18:28	2	0	402	398	4	1.0642	1.0642	0.0000	0.96	0.9598	0.0002
2023-09-19T10:18:48	1	0	1	1	0	0.9417	0.9420	0.0003	0.9978	0.9978	0.0000
2023-09-19T10:19:22	3	0	16	16	0	1.0483	1.0477	-0.0006	0.9977	0.9971	0.0006
2023-09-19T10:20:04	2	0	4	4	0	1.0410	1.0408	-0.0002	0.9777	0.9777	0.0000
2023-09-19T10:20:47	1	0	3	3	0	1.0390	1.0388	-0.0002	-0.9962	-0.9962	0.0000
2023-09-19T10:20:50	1	0	5	5	0	1.0078	1.0075	-0.0003	-1	1	0.0000
2023-09-19T10:22:49	1	0	2	2	0	1.0605	1.0601	-0.0004	0.9981	0.998	0.0001
2023-09-19T10:27:23	3	0	1	1	0	0.9940	0.9951	0.0011	-0.9987	-0.9986	-0.0001
2023-09-19T10:28:03	2	0	7	7	0	1.0020	1.0020	0.0000	0.964	0.9639	0.0001
2023-09-19T10:28:48	2	0	4	3	1	1.0425	1.0459	0.0034	0.9992	0.9992	0.0000
2023-09-19T10:30:32	7	0	1	1	0	0.9431	0.9438	0.0007	0.9987	0.9989	-0.0002
2023-09-19T10:30:49	1	0	2	2	0	1.0277	1.0275	-0.0002	0.9926	0.9683	0.0243
2023-09-19T10:33:29	3	0	450	446	4	1.0666	1.0665	-0.0001	0.9622	0.9617	0.0005
2023-09-19T10:34:58	1	0	61	60	1	1.0557	1.0548	-0.0009	-0.9858	-0.9875	0.0017
2023-09-19T10:35:14	2	0	1	1	0	1.0558	1.0551	-0.0007	-0.6855	-0.6866	0.0011
2023-09-19T10:38:30	1	0	81	81	0	0.9321	0.9322	0.0000	0.9903	0.9904	-0.0001
2023-09-19T10:40:49	1	0	1	1	0	1.0292	1.0289	-0.0003	-0.9564	-0.9551	-0.0013
2023-09-19T10:43:23	1	0	2	3	-1	1.0300	1.0284	-0.0015	0.9955	0.9954	0.0001
2023-09-19T10:46:14	1	0	10	10	0	1.0461	1.0461	-0.0001	-0.9997	-0.9997	0.0000
2023-09-19T10:47:37	2	0	24	24	0	1.0539	1.0538	-0.0001	0.9487	0.9472	0.0015
2023-09-19T10:49:43	1	0	9	9	0	1.0450	1.0445	-0.0005	0.9976	0.9976	0.0000
2023-09-19T10:50:18	5	0	366	362	4	0.8523	0.8641	0.0118	0.8318	0.8328	-0.0010
2023-09-19T10:50:22	1	0	11	10	1	0.9879	0.9819	-0.0060	0.9991	0.9991	0.0000
2023-09-19T10:50:30	1	0	3	3	0	1.0097	1.0097	0.0000	0.9273	0.927	0.0003
2023-09-19T10:50:40	1	0	1	1	0	1.0582	1.0571	-0.0011	0.9997	0.9997	0.0000
2023-09-19T10:50:44	9	0	72	71	1	1.0557	1.0562	0.0005	-0.9998	-0.9999	0.0001
2023-09-19T10:50:56	1	0	4	4	0	1.0060	1.0058	-0.0002	-0.9998	-0.9999	0.0001
2023-09-19T10:51:31	2	0	4	5	-1	0.9832	0.9755	-0.0077	0.9589	0.9588	0.0001
2023-09-19T10:51:48	2	0	5	5	0	1.0506	1.0504	-0.0001	-0.9964	-0.9965	0.0001
2023-09-19T10:55:02	1	0	6	6	0	1.0167	1.0167	-0.0001	0.9988	0.9988	0.0000
2023-09-19T10:56:50	1	0	14	14	0	0.9602	0.9604	0.0002	0.9724	0.9723	0.0001
2023-09-19T10:58:10	7	0	612	543	69	1.0640	1.0630	-0.0010	0.9995	0.999	0.0005
2023-09-19T10:58:45	1	0	30	30	0	1.0482	1.0481	-0.0001	0.9663	0.9661	0.0002
2023-09-19T11:00:44	2	0	1	1	0	0.9444	0.9446	0.0002	0.9993	0.9994	-0.0001
2023-09-19T11:00:57	2	0	296	295	1	1.0652	1.0652	0.0000	-0.9386	-0.9391	0.0005
2023-09-19T11:01:31	1	0	1	0	1	1.0342	null	null	0.9877	0.9874	0.0003
2023-09-19T11:01:38	1	0	7	7	0	1.0335	1.0335	-0.0001	0.9834	0.983	0.0004
2023-09-19T11:01:56	1	0	1	1	0	1.0572	1.0568	-0.0004	-1	-1	0.0000
2023-09-19T11:03:51	2	0	138	137	1	1.0573	1.0568	-0.0005	0.9754	0.9745	0.0009
2023-09-19T11:03:51	3	0	121	118	3	0.9103	0.9112	0.0009	0.9791	0.979	0.0001
2023-09-19T11:04:11	3	0	350	344	6	1.0644	1.0643	-0.0001	0.9603	0.9596	0.0007
2023-09-19T11:04:53	1	0	9	9	0	1.0504	1.0497	-0.0007	0.9967	0.9966	0.0001
2023-09-19T11:06:02	8	0	55	55	0	1.0574	1.0571	-0.0003	0.9992	0.9989	0.0003
2023-09-19T11:06:32	1	0	4	4	0	0.9850	0.9848	-0.0002	0.957	0.9568	0.0002
2023-09-19T11:12:47	1	0	2	3	-1	1.0193	1.0185	-0.0008	0.9835	0.9836	-0.0001
2023-09-19T11:12:56	1	0	1	1	0	1.0221	1.0221	0.0000	0.9999	0.9999	0.0000
2023-09-19T11:13:19	6	0	618	617	1	1.0649	1.0648	0.0000	0.9991	0.999	0.0001
2023-09-19T11:14:29	1	0	519	518	1	1.0663	1.0663	0.0000	-0.8295	-0.8323	0.0028
2023-09-19T11:20:32	2	0	3	2	1	1.0464	1.0462	-0.0001	0.9349	0.9342	0.0007
2023-09-19T11:22:53	1	0	9	9	0	1.0505	1.0503	-0.0002	0.9988	0.9987	0.0001
2023-09-19T11:25:44	1	0	15	13	2	0.9451	0.9450	0.0000	0.935	0.9353	-0.0003
2023-09-19T11:27:48	1	0	2	2	0	1.0183	1.0182	-0.0001	0.9844	0.9844	0.0000
2023-09-19T11:28:26	6	0	481	477	4	1.0621	1.0621	0.0000	0.9983	0.9983	0.0000
2023-09-19T11:28:43	1	0	18	18	0	1.0474	1.0473	-0.0001	0.9902	0.9901	0.0001
2023-09-19T11:29:33	2	0	511	513	-2	1.0648	1.0649	0.0001	-0.8301	-0.8323	0.0022
2023-09-19T11:30:53	1	0	4	4	0	1.0543	1.0539	-0.0004	0.9924	-1	-0.0076
2023-09-19T11:30:56	15	0	1	1	0	0.9425	0.9431	0.0006	0.999	0.9992	-0.0002
2023-09-19T11:31:07	3	0	349	347	2	1.0677	1.0686	0.0009	-0.9305	-0.9261	-0.0044
2023-09-19T11:31:57	1	0	2	2	0	1.0646	1.0644	-0.0002	0.9805	0.9798	0.0007
2023-09-19T11:32:08	1	0	6	6	0	1.0487	1.0487	-0.0001	-0.9998	-0.9998	0.0000
2023-09-19T11:33:19	2	0	9	9	0	1.0020	1.0018	-0.0001	0.9783	0.9779	0.0004
2023-09-19T11:34:13	2	0	17	16	1	1.0456	1.0448	-0.0008	0.9509	0.9509	0.0000
2023-09-19T11:35:01	4	0	291	288	3	1.0612	1.0611	-0.0001	0.958	0.9579	0.0001
2023-09-19T11:35:25	1	0	3	3	0	1.0523	1.0523	0.0000	1	1	0.0000
2023-09-19T11:36:09	1	0	1	1	0	1.0617	1.0613	-0.0004	-0.9993	-0.9994	0.0001
2023-09-19T11:36:12	5	0	3	3	0	1.0106	1.0100	-0.0006	-0.9881	0.9973	0.0146
2023-09-19T11:36:43	1	0	4	4	0	1.0434	1.0433	-0.0001	-0.9977	-0.9976	-0.0001
2023-09-19T11:36:59	1	0	1	0	1	0.9444	null	null	-0.9971	-0.9969	-0.0002
2023-09-19T11:38:34	4	0	8	9	-1	0.9420	0.9421	0.0001	0.9926	0.9926	0.0000
2023-09-19T11:43:11	5	0	1	0	1	1.0561	null	null	0.9279	0.9273	0.0006
2023-09-19T11:43:37	1	0	2	2	0	1.0586	1.0584	-0.0002	-1	1	0.0000
2023-09-19T11:43:46	5	0	3	3	0	1.0247	1.0245	-0.0001	-0.9931	-0.9929	-0.0002
2023-09-19T11:45:40	2	0	4	4	0	1.0100	1.0097	-0.0003	-0.9999	-0.9999	0.0000
2023-09-19T11:46:30	4	0	9	10	-1	0.9423	0.9424	0.0001	0.9913	0.9912	0.0001
2023-09-19T11:47:31	1	0	205	194	11	1.0668	1.0652	-0.0017	0.9816	0.9809	0.0007

2023-09-19T11:47:46	3	0	4	4	0	1.0693	1.0690	-0.0003	0.9952	0.9951	0.0001
2023-09-19T11:48:36	1	0	292	257	35	0.8838	0.8856	0.0018	0.9623	0.9629	-0.0006
2023-09-19T11:48:41	1	0	1	1	0	0.9436	0.9437	0.0001	0.9414	0.9415	-0.0001
2023-09-19T11:48:51	2	0	2	1	1	1.0458	1.0316	-0.0142	-0.9512	-0.9523	0.0011
2023-09-19T11:50:37	1	0	2	2	0	1.0240	1.0234	-0.0007	0.9989	0.9988	0.0001
2023-09-19T11:51:51	3	0	6	6	0	1.0435	1.0429	-0.0006	0.9995	0.9993	0.0002
2023-09-19T11:54:15	1	0	9	9	0	1.0471	1.0469	-0.0002	0.9974	0.9978	-0.0004
2023-09-19T11:54:45	1	0	2	2	0	1.0659	1.0658	-0.0001	0.9761	0.9758	0.0003
2023-09-19T11:56:00	2	0	19	18	1	0.9881	0.9842	-0.0038	0.9556	0.9556	0.0000
2023-09-19T11:57:12	2	0	32	32	0	1.0432	1.0432	-0.0001	0.9516	0.9517	-0.0001
2023-09-19T11:58:23	3	0	24	24	0	1.0489	1.0477	-0.0012	-0.9983	-0.9983	0.0000
2023-09-19T11:58:47	1	0	1	1	0	1.0620	1.0619	-0.0001	-0.9995	-0.9995	0.0000
2023-09-19T11:58:51	1	0	3	4	-1	1.0462	1.0459	-0.0002	-0.9995	-0.9994	-0.0001
2023-09-19T12:02:29	1	0	4	5	-1	1.0443	1.0445	0.0002	0.9966	0.9966	0.0000
2023-09-19T12:02:35	1	0	222	222	0	1.0747	1.0737	-0.0011	0.9848	0.9843	0.0005
2023-09-19T12:04:45	2	0	4	4	0	0.9610	0.9607	-0.0003	0.9892	0.9891	0.0001
2023-09-19T12:11:08	1	0	171	168	3	1.0588	1.0587	-0.0001	0.8575	0.8676	-0.0101
2023-09-19T12:13:53	5	0	4	5	-1	1.0187	1.0262	0.0075	-0.9893	-0.9893	0.0000
2023-09-19T12:13:56	1	0	3	3	0	1.0581	1.0578	-0.0003	-0.9993	-0.9993	0.0000
2023-09-19T12:14:27	3	0	17	16	1	1.0514	1.0502	-0.0012	-0.9985	-0.9985	0.0000
2023-09-19T12:20:43	1	0	8	7	1	1.0502	1.0488	-0.0014	0.9999	0.9999	0.0000
2023-09-19T12:21:55	3	0	7	9	-2	1.0418	1.0420	0.0002	-0.9998	-0.9992	-0.0006
2023-09-19T12:22:43	1	0	3	2	1	1.0570	1.0569	-0.0001	0.9979	0.9979	0.0000
2023-09-19T12:23:55	1	0	2	2	0	1.0269	1.0268	-0.0001	0.9797	0.98	-0.0003
2023-09-19T12:26:13	1	0	6	6	0	1.0527	1.0520	-0.0007	0.9568	0.9567	0.0001
2023-09-19T12:27:14	2	0	12	12	0	1.0348	1.0348	0.0000	0.9522	0.9382	0.0140
2023-09-19T12:28:56	5	0	6	6	0	1.0278	1.0273	-0.0006	-1	-0.9993	-0.0007
2023-09-19T12:31:00	1	0	3	3	0	1.0342	1.0340	-0.0002	0.9506	0.9505	0.0001
2023-09-19T12:35:49	1	0	2	3	-1	1.0243	1.0238	-0.0004	0.9827	0.9828	-0.0001
2023-09-19T12:40:15	2	0	48	48	0	0.9515	0.9514	-0.0001	0.9834	0.9832	0.0002
2023-09-19T12:42:28	1	0	2	2	0	0.9990	0.9991	0.0002	0.9921	0.9895	0.0026
2023-09-19T12:45:43	2	0	1	1	0	0.9422	0.9422	0.0000	-0.9993	-0.9993	0.0000
2023-09-19T12:47:57	3	0	2	3	-1	1.0737	1.0683	-0.0054	0.9832	0.9835	-0.0003
2023-09-19T12:48:45	1	0	1	2	-1	0.9432	0.9514	0.0082	0.9414	0.9412	0.0002
2023-09-19T12:49:49	2	0	1	1	0	0.9384	0.9384	0.0000	0.9909	0.9908	0.0001
2023-09-19T12:49:52	1	0	6	8	-2	1.0612	1.0575	-0.0038	0.996	0.9962	-0.0002
2023-09-19T12:58:59	1	0	4	4	0	1.0407	1.0405	-0.0002	-0.9996	-0.9996	0.0000
2023-09-19T13:00:09	1	0	3	3	0	0.9381	0.9383	0.0002	-0.9843	-0.9842	-0.0001
2023-09-19T13:24:06	3	0	316	319	-3	1.0250	1.0246	-0.0004	-0.9507	-0.9459	-0.0048
2023-09-19T13:28:18	4	0	11	10	1	0.9543	0.9382	-0.0161	0.9078	0.905	0.0028
2023-09-19T13:30:11	1	0	8	8	0	0.9374	0.9382	0.0008	-0.9945	-0.9941	-0.0004
2023-09-19T13:33:02	1	0	223	223	0	1.0742	1.0732	-0.0010	0.9539	0.9521	0.0018
2023-09-19T13:35:54	1	0	2	2	0	1.0209	1.0208	-0.0001	0.9804	0.9802	0.0002
2023-09-19T13:37:00	1	0	7	7	0	1.0416	1.0416	0.0000	0.9999	0.9999	0.0000
2023-09-19T13:43:30	1	0	9	9	0	1.0244	1.0243	-0.0001	-1	-1	0.0000
2023-09-19T13:44:03	5	0	4	5	-1	1.0108	1.0115	0.0007	0.9946	-0.9995	-0.0059
2023-09-19T13:48:01	1	0	2	2	0	1.0709	1.0706	-0.0003	0.9837	0.9836	0.0001
2023-09-19T13:48:59	2	0	1	1	0	1.0288	1.0279	-0.0009	-0.9526	-0.951	-0.0016
2023-09-19T13:50:53	1	0	1	1	0	1.0214	1.0211	-0.0003	0.9988	0.9988	0.0000
2023-09-19T13:54:58	2	0	1	0	1	1.0555	null	null	-0.9903	-0.9904	0.0001
2023-09-19T14:03:02	2	0	10	10	0	1.0496	1.0493	-0.0002	0.9899	0.9878	0.0021
2023-09-19T14:03:02	1	0	5	5	0	1.0331	1.0329	-0.0002	-0.997	-0.997	0.0000
2023-09-19T14:03:53	1	0	1	1	0	0.9432	0.9435	0.0003	0.9412	0.9413	-0.0001
2023-09-19T14:04:09	2	0	17	13	4	0.9722	0.9812	0.0090	0.9965	0.9965	0.0000
2023-09-19T14:05:10	1	0	122	118	4	1.0222	1.0223	0.0000	0.9985	0.9984	0.0001
2023-09-19T14:05:17	2	0	11	10	1	1.0542	1.0549	0.0006	0.996	0.9958	0.0002
2023-09-19T14:06:16	2	0	9	9	0	1.0054	1.0054	0.0000	0.9464	0.9465	-0.0001
2023-09-19T14:07:02	2	0	9	9	0	1.0433	1.0429	-0.0004	1	1	0.0000
2023-09-19T14:07:30	2	0	521	522	-1	1.0641	1.0643	0.0002	-0.8357	-0.836	0.0003
2023-09-19T14:08:58	5	0	359	360	-1	1.0638	1.0638	0.0000	0.9572	0.9574	-0.0002
2023-09-19T14:09:26	3	0	337	328	9	1.0450	1.0448	-0.0002	-0.9496	-0.9497	0.0001
2023-09-19T14:10:39	1	0	31	30	1	0.9631	0.9621	-0.0010	0.9722	0.972	0.0002
2023-09-19T14:10:40	1	0	97	97	0	0.8945	0.8947	0.0002	0.9712	0.9659	0.0053
2023-09-19T14:12:16	6	0	4	4	0	1.0492	1.0492	-0.0001	0.9964	0.9964	0.0000
2023-09-19T14:12:21	2	0	48	47	1	1.0463	1.0459	-0.0004	0.9509	0.9506	0.0003
2023-09-19T14:13:21	1	0	1	1	0	1.0577	1.0561	-0.0016	0.9133	0.9127	0.0006
2023-09-19T14:13:25	5	0	1	0	1	1.0551	null	null	-0.9233	-0.9433	0.0200
2023-09-19T14:13:32	1	0	25	25	0	1.0488	1.0487	-0.0001	-0.9991	-0.9991	0.0000
2023-09-19T14:14:12	1	0	7	7	0	1.0449	1.0449	0.0000	-0.9997	-0.9997	0.0000
2023-09-19T14:14:20	1	0	2	2	0	1.0580	1.0577	-0.0003	-0.9998	-0.9998	0.0000
2023-09-19T14:14:58	2	0	2	2	0	0.9956	0.9956	0.0000	0.9999	0.9996	0.0003
2023-09-19T14:15:18	1	0	4	5	-1	0.9383	0.9389	0.0006	-0.9976	-0.9942	-0.0034
2023-09-19T14:15:50	1	0	31	31	0	1.0463	1.0463	-0.0001	-0.9993	-0.9993	0.0000
2023-09-19T14:16:40	3	0	42	41	1	0.9421	0.9422	0.0001	0.9891	0.9892	-0.0001
2023-09-19T14:17:36	3	0	8	8	0	1.0270	1.0269	-0.0002	0.9585	0.9584	0.0001
2023-09-19T14:18:46	1	0	213	213	0	0.8732	0.8732	0.0000	0.9625	0.9628	-0.0003
2023-09-19T14:18:54	1	0	1	1	0	0.9445	0.9450	0.0005	0.9414	0.9416	-0.0002
2023-09-19T14:19:07	1	0	5	5	0	1.0256	1.0253	-0.0003	0.9392	0.9458	-0.0066
2023-09-19T14:20:11	1	0	206	206	0	0.8657	0.8660	0.0003	0.9913	0.9914	-0.0001
2023-09-19T14:20:18	1	0	12	12	0	1.0544	1.0543	-0.0001	0.9965	0.9964	0.0001
2023-09-19T14:20:55	1	0	14	14	0	1.0523	1.0522	-0.0001	-0.9923	-0.9922	-0.0001
2023-09-19T14:21:26	1	0	7	7	0	1.0071	1.0071	0.0000	0.9469	0.947	-0.0001
2023-09-19T14:22:14	1	0	9	9	0	1.0444	1.0439	-0.0005	0.9999	0.9999	0.0000
2023-09-19T14:22:35	2	0	470	470	0	1.0658	1.0656	-0.0002	-0.8642	-0.8673	0.0031
2023-09-19T14:24:36	3	0	309	308	1	1.0275	1.0274	-0.0001	-0.9461	-0.9467	0.0006

2023-09-19T14:24:59	1	0	2	2	0	1.0646	1.0643	-0.0003	0.9741	0.9729	0.0012
2023-09-19T14:25:41	1	0	96	96	0	0.8976	0.8979	0.0003	0.9752	0.9753	-0.0001
2023-09-19T14:25:54	2	0	25	25	0	0.9695	0.9695	0.0000	0.9734	0.973	0.0004
2023-09-19T14:26:55	5	0	180	179	1	0.9725	0.9735	0.0010	0.9503	0.9512	-0.0009
2023-09-19T14:26:58	1	0	38	37	1	1.0546	1.0546	0.0000	-0.9941	-0.9942	0.0001
2023-09-19T14:28:18	2	0	1	1	0	1.0348	1.0339	-0.0009	0.9674	0.9707	-0.0033
2023-09-19T14:28:33	1	0	30	29	1	1.0509	1.0506	-0.0003	-0.9943	-0.9946	0.0003
2023-09-19T14:29:26	1	0	4	4	0	1.0009	1.0008	-0.0001	-0.9997	-0.9997	0.0000
2023-09-19T14:29:31	2	0	3	3	0	1.0529	1.0523	-0.0006	-1	-1	0.0000
2023-09-19T14:30:19	1	0	5	5	0	0.9385	0.9388	0.0003	-0.9925	-0.9923	-0.0002
2023-09-19T14:30:51	3	0	26	26	0	1.0457	1.0456	-0.0001	-0.9994	-0.9994	0.0000
2023-09-19T14:32:12	1	0	2	2	0	0.9433	0.9434	0.0001	0.9865	0.9866	-0.0001
2023-09-19T14:32:37	3	0	8	8	0	1.0240	1.0239	-0.0001	0.9585	0.9584	0.0001
2023-09-19T14:33:16	2	0	12	12	0	1.0255	1.0249	-0.0005	0.9837	0.9811	0.0026
2023-09-19T14:33:47	1	0	225	224	1	0.8830	0.8820	-0.0010	0.9659	0.9662	-0.0003
2023-09-19T14:33:49	1	0	5	5	0	1.0252	1.0253	0.0002	0.9765	0.975	0.0015
2023-09-19T14:35:12	2	0	112	111	1	1.0542	1.0542	-0.0001	1	0.9999	0.0001
2023-09-19T14:35:41	1	0	5	5	0	1.0599	1.0598	-0.0001	0.9968	0.9967	0.0001
2023-09-19T14:35:58	1	0	2	2	0	1.0203	1.0201	-0.0002	0.9832	0.983	0.0002
2023-09-19T14:36:14	1	0	20	20	0	1.0529	1.0529	0.0000	-0.9881	-0.988	-0.0001
2023-09-19T14:36:20	3	0	289	284	5	1.0589	1.0589	0.0000	0.9918	0.9899	0.0019
2023-09-19T14:36:26	1	0	8	8	0	1.0132	1.0132	0.0000	0.9407	0.9407	0.0000
2023-09-19T14:37:25	1	0	8	8	0	1.0404	1.0401	-0.0003	0.9998	0.9999	-0.0001
2023-09-19T14:37:37	1	0	6	6	0	1.0469	1.0468	-0.0001	-1	-1	0.0000
2023-09-19T14:37:39	2	0	452	451	1	1.0631	1.0630	-0.0001	-0.863	-0.8666	0.0036
2023-09-19T14:39:16	2	0	283	283	0	1.0619	1.0619	0.0000	0.9571	0.9569	0.0002
2023-09-19T14:39:42	1	0	21	20	1	1.0527	1.0525	-0.0001	0.9354	0.9338	0.0016
2023-09-19T14:39:45	3	0	275	271	4	1.0658	1.0657	-0.0001	-0.9531	-0.9532	0.0001
2023-09-19T14:40:02	1	0	2	2	0	1.0633	1.0630	-0.0003	0.9762	0.9751	0.0011
2023-09-19T14:41:06	1	0	37	36	1	0.9546	0.9545	0.0000	0.9757	0.9753	0.0004
2023-09-19T14:42:03	4	0	176	175	1	0.9772	0.9773	0.0001	0.9561	0.9564	-0.0003
2023-09-19T14:42:10	1	0	3	3	0	1.0226	1.0224	-0.0003	0.9957	0.9913	0.0044
2023-09-19T14:42:28	5	0	5	4	1	1.0469	1.0438	-0.0031	0.9964	0.9963	0.0001
2023-09-19T14:43:19	2	0	3	3	0	1.0190	1.0190	0.0000	0.9669	0.9704	-0.0035
2023-09-19T14:43:27	1	0	3	3	0	0.9679	0.9677	-0.0002	0.9143	0.9116	0.0027
2023-09-19T14:43:34	1	0	23	23	0	1.0506	1.0505	-0.0001	-0.9999	-1	0.0001
2023-09-19T14:44:09	5	0	3	3	0	1.0090	1.0083	-0.0007	0.9943	-1	-0.0057
2023-09-19T14:44:38	1	0	2	2	0	1.0423	1.0423	0.0000	-0.9988	-0.9994	0.0006
2023-09-19T14:44:42	1	0	3	3	0	1.0517	1.0514	-0.0003	-1	-1	0.0000
2023-09-19T14:44:48	1	0	2	2	0	0.9987	0.9990	0.0002	-0.9996	1	0.0004
2023-09-19T14:45:20	1	0	2	2	0	0.9419	0.9423	0.0004	-0.9844	-0.9843	-0.0001
2023-09-19T14:46:42	3	0	32	29	3	0.9514	0.9516	0.0003	0.9945	0.9959	-0.0014
2023-09-19T14:48:15	1	0	240	209	31	1.0686	1.0664	-0.0022	0.9941	0.9773	0.0168
2023-09-19T14:48:20	1	0	1	0	1	1.0551	null	null	-0.9999	-0.9999	0.0000
2023-09-19T14:49:03	1	0	1	1	0	1.0321	1.0317	-0.0004	-0.9501	-0.9493	-0.0008
2023-09-19T14:50:13	2	0	145	142	3	1.0544	1.0544	0.0000	0.9999	0.9999	0.0000
2023-09-19T14:51:27	1	0	8	8	0	1.0143	1.0143	0.0000	0.9408	0.9408	0.0000
2023-09-19T14:52:35	1	0	8	8	0	1.0427	1.0422	-0.0006	1	1	0.0000
2023-09-19T14:54:05	1	0	2	2	0	1.0297	1.0295	-0.0002	0.9777	0.9774	0.0003
2023-09-19T14:55:43	1	0	95	95	0	0.9072	0.9073	0.0001	0.9894	0.988	0.0014
2023-09-19T14:56:34	2	0	30	29	1	0.9768	0.9775	0.0007	0.9554	0.9552	0.0002
2023-09-19T14:57:00	1	0	54	52	2	1.0551	1.0550	-0.0001	-0.9955	-0.9956	0.0001
2023-09-19T14:59:03	1	0	118	119	-1	1.0423	1.0423	0.0000	0.9975	0.9974	0.0001
2023-09-19T14:59:53	1	0	4	4	0	1.0467	1.0462	-0.0004	-0.9998	-0.9998	0.0000
2023-09-19T15:00:53	2	0	12	12	0	1.0507	1.0507	0.0000	-0.9998	-0.9998	0.0000
2023-09-19T15:05:58	1	0	12	12	0	1.0511	1.0510	0.0000	-0.9936	-0.9936	0.0000
2023-09-19T15:06:16	3	0	86	83	3	1.0567	1.0566	-0.0001	-0.9985	-0.9986	0.0001
2023-09-19T15:06:38	1	0	8	8	0	1.0520	1.0520	0.0000	0.9974	0.9965	0.0009
2023-09-19T15:07:45	1	0	8	7	1	1.0412	1.0375	-0.0037	1	0.9996	0.0004
2023-09-19T15:10:11	1	0	1	1	0	1.0333	1.0325	-0.0008	1	1	0.0000
2023-09-19T15:10:44	1	0	2	0	2	1.0574	null	null	0.9806	0.9804	0.0002
2023-09-19T15:13:33	1	0	1	0	1	1.0553	null	null	0.9231	0.923	0.0001
2023-09-19T15:19:00	1	0	1	1	0	0.9441	0.9446	0.0005	0.9414	0.9416	-0.0002
2023-09-19T15:20:07	2	0	50	49	1	1.0573	1.0571	-0.0002	-0.9913	-0.9914	0.0001
2023-09-19T15:26:39	1	0	24	24	0	0.9737	0.9737	-0.0001	0.9747	0.9743	0.0004
2023-09-19T15:26:42	1	0	7	7	0	0.9543	0.9546	0.0004	0.9499	0.95	-0.0001
2023-09-19T15:27:31	3	0	4	4	0	1.0110	1.0097	-0.0013	0.998	0.9977	0.0003
2023-09-19T15:29:41	1	0	3	3	0	1.0378	1.0376	-0.0002	-0.9999	-0.9995	-0.0004
2023-09-19T15:33:42	1	0	1	1	0	1.0558	1.0551	-0.0007	0.9996	0.9995	0.0001
2023-09-19T15:40:46	1	0	1	1	0	1.0562	1.0555	-0.0007	0.9894	0.9893	0.0001
2023-09-19T15:43:39	1	0	23	23	0	0.9359	0.9359	0.0000	0.9013	0.9009	0.0004
2023-09-19T15:45:56	1	0	21	21	0	1.0508	1.0508	0.0000	-0.9994	-0.9994	0.0000
2023-09-19T15:51:07	1	0	2	2	0	1.0275	1.0265	-0.0009	0.9993	0.9992	0.0001
2023-09-19T15:54:28	1	0	3	3	0	1.0361	1.0357	-0.0004	0.9995	0.9995	0.0000
2023-09-19T16:03:22	1	0	1	1	0	1.0333	1.0333	0.0000	0.9945	0.9916	0.0029
2023-09-19T16:18:57	1	0	4	4	0	1.1122	1.1093	-0.0028	0.9829	0.9805	0.0024
2023-09-19T16:19:09	1	0	1	0	1	1.0364	null	null	-0.9555	-0.962	0.0065
2023-09-19T16:19:25	2	0	5	5	0	1.0078	1.0077	-0.0001	0.9863	0.986	0.0003
2023-09-19T16:34:30	1	0	7	7	0	1.0229	1.0228	0.0000	0.9598	0.9593	0.0005
2023-09-19T16:43:42	1	0	38	37	1	1.0539	1.0538	-0.0001	-0.9993	-0.9993	0.0000
2023-09-19T16:43:48	4	0	375	369	6	0.8729	0.8662	-0.0067	0.8374	0.8373	0.0001
2023-09-19T16:49:11	1	0	1	1	0	1.0354	1.0350	-0.0004	-0.9715	-0.9681	-0.0034
2023-09-19T16:57:45	1	0	4	4	0	0.9392	0.9396	0.0004	0.9916	0.9916	0.0000
2023-09-19T17:43:55	1	0	56	56	0	1.0537	1.0537	0.0000	-0.9999	-0.9999	0.0000
2023-09-19T18:14:00	1	0	11	11	0	0.9425	0.9426	0.0002	-1	-1	0.0000

2023-09-20T07:49:43	1	0	47	47	0	0.9227	0.9228	0.0001	0.8404	0.8411	-0.0007
2023-09-20T07:58:44	1	0	365	365	0	1.0581	1.0581	0.0000	-0.9918	-0.9918	0.0000
2023-09-20T07:59:08	1	0	60	59	1	1.0527	1.0526	-0.0001	-0.8524	-0.853	0.0006
2023-09-20T08:05:20	2	0	160	155	5	1.0579	1.0579	0.0000	-0.9877	-0.9877	0.0000
2023-09-20T08:13:45	2	0	310	310	0	1.0583	1.0583	0.0000	-0.9927	-0.9927	0.0000
2023-09-20T08:15:48	1	0	193	193	0	1.0606	1.0606	0.0000	-0.9219	-0.9219	0.0000
2023-09-20T08:18:32	1	0	38	36	2	0.9642	0.9643	0.0001	0.9506	0.9506	0.0000
2023-09-20T08:20:21	3	0	181	181	0	1.0584	1.0584	-0.0001	-0.9866	-0.9866	0.0000
2023-09-20T08:25:16	1	0	92	89	3	1.0546	1.0546	0.0000	0.9992	0.9992	0.0000
2023-09-20T08:27:54	2	0	13	13	0	0.9569	0.9570	0.0001	0.9556	0.9556	0.0000
2023-09-20T08:28:40	2	0	1	1	0	1.0339	1.0332	-0.0007	0.9996	0.9995	0.0001
2023-09-20T08:36:46	1	0	3	3	0	0.9394	0.9397	0.0003	-0.9945	-0.9943	-0.0002
2023-09-20T08:55:40	1	0	2	2	0	1.0365	1.0364	-0.0002	-0.928	-0.9277	-0.0003
2023-09-20T09:01:53	1	0	49	48	1	1.0517	1.0516	-0.0001	-0.9649	-0.9648	-0.0001
2023-09-20T09:05:48	2	0	7	7	0	1.0070	1.0069	-0.0001	0.9734	0.9734	0.0000
2023-09-20T09:11:42	1	0	2	2	0	0.9729	0.9726	-0.0003	0.9945	0.9944	0.0001
2023-09-20T09:14:50	1	0	3	3	0	1.0003	1.0002	-0.0001	0.9704	0.9709	-0.0005
2023-09-20T09:21:51	1	0	68	68	0	1.0566	1.0565	-0.0002	0.9673	0.9669	0.0004
2023-09-20T09:28:17	1	0	4	4	0	1.0247	1.0245	-0.0002	0.9976	0.9976	0.0000
2023-09-20T09:29:01	2	0	2	2	0	1.0334	1.0331	-0.0003	-0.9733	-0.9735	0.0002
2023-09-20T09:31:31	1	0	4	4	0	1.0228	1.0227	-0.0002	0.9872	0.9871	0.0001
2023-09-20T09:33:37	1	0	8	8	0	1.0248	1.0249	0.0001	0.9597	0.9597	0.0000
2023-09-20T09:35:24	1	0	20	20	0	1.0524	1.0523	-0.0001	0.979	0.9789	0.0001
2023-09-20T09:40:36	1	0	3	3	0	1.1230	1.1229	-0.0001	0.976	0.9759	0.0001
2023-09-20T09:41:50	1	0	2	2	0	0.9918	0.9916	-0.0002	0.9925	0.9921	0.0004
2023-09-20T09:42:31	1	0	2	2	0	1.0269	1.0261	-0.0008	-1	-1	0.0000
2023-09-20T09:42:33	2	0	5	5	0	1.0296	1.0293	-0.0002	0.9809	0.9809	0.0000
2023-09-20T09:45:47	1	0	1	1	0	0.8501	0.8504	0.0003	0.9911	0.9911	0.0000
2023-09-20T09:45:51	1	0	2	2	0	1.0267	1.0265	-0.0001	0.9926	0.9922	0.0004
2023-09-20T09:45:54	2	0	130	128	2	1.0584	1.0588	0.0005	-0.9461	-0.9464	0.0003
2023-09-20T09:46:00	1	0	53	53	0	0.9515	0.9515	0.0000	0.9971	0.9971	0.0000
2023-09-20T09:46:32	1	0	6	6	0	1.0268	1.0268	0.0000	0.9846	0.9844	0.0002
2023-09-20T09:48:38	1	0	19	18	1	1.0485	1.0484	0.0000	-0.9962	-0.9962	0.0000
2023-09-20T09:49:51	1	0	1	0	1	1.0578	null	null	-0.9705	-0.9704	-0.0001
2023-09-20T09:50:00	2	0	2	2	0	1.0225	1.0222	-0.0003	0.9779	0.9779	0.0000
2023-09-20T09:50:46	1	0	6	6	0	1.0118	1.0116	-0.0002	-0.9997	0.9972	0.0031
2023-09-20T09:50:52	1	0	3	3	0	1.0441	1.0440	-0.0001	0.9765	0.9759	0.0006
2023-09-20T09:53:28	3	0	34	28	6	0.9435	0.9442	0.0007	0.9902	0.9904	-0.0002
2023-09-20T09:55:19	2	0	2	2	0	1.0311	1.0308	-0.0003	0.9756	0.9753	0.0003
2023-09-20T09:56:52	1	0	1	1	0	1.0558	1.0554	-0.0004	0.999	0.9989	0.0001
2023-09-20T09:57:36	1	0	2	2	0	1.0251	1.0246	-0.0006	-1	-1	0.0000
2023-09-20T09:57:49	1	0	2	2	0	1.0203	1.0200	-0.0003	0.9833	0.9832	0.0001
2023-09-20T09:59:53	1	0	3	3	0	0.9987	0.9987	0.0000	0.9636	0.9637	-0.0001
2023-09-20T10:00:48	1	0	1	1	0	0.8720	0.8720	0.0000	0.9918	0.9918	0.0000
2023-09-20T10:01:00	2	0	177	173	4	1.0602	1.0602	0.0000	-0.9452	-0.9454	0.0002
2023-09-20T10:01:33	1	0	7	7	0	1.0301	1.0300	-0.0001	0.987	0.9868	0.0002
2023-09-20T10:02:54	2	0	19	18	1	0.9965	0.9932	-0.0033	0.9573	0.9572	0.0001
2023-09-20T10:03:48	1	0	6	6	0	0.9403	0.9406	0.0003	0.987	0.9871	-0.0001
2023-09-20T10:05:01	2	0	3	3	0	1.0313	1.0312	-0.0001	0.9791	0.9791	0.0000
2023-09-20T10:05:12	2	0	5	5	0	1.0466	1.0463	-0.0003	-0.6864	-0.6872	0.0008
2023-09-20T10:05:28	10	0	121	84	37	1.0570	1.0556	-0.0015	-0.9989	-0.9992	0.0003
2023-09-20T10:05:47	2	0	5	5	0	1.0108	1.0103	-0.0005	-0.9984	-0.9988	0.0004
2023-09-20T10:05:52	2	0	9	9	0	0.9957	0.9954	-0.0002	0.9687	0.9685	0.0002
2023-09-20T10:05:53	1	0	3	3	0	1.0436	1.0435	-0.0001	0.9549	0.9537	0.0012
2023-09-20T10:06:33	1	0	1	1	0	1.0589	1.0577	-0.0012	-0.9992	-0.9992	0.0000
2023-09-20T10:06:54	1	0	4	4	0	1.0305	1.0304	-0.0001	0.983	0.983	0.0000
2023-09-20T10:07:43	3	0	2	2	0	1.0362	1.0354	-0.0008	-0.9999	-1	0.0001
2023-09-20T10:08:29	3	0	60	56	4	0.9372	0.9380	0.0008	0.9907	0.9909	-0.0002
2023-09-20T10:09:42	1	0	7	7	0	1.0298	1.0297	-0.0001	0.9687	0.9684	0.0003
2023-09-20T10:09:58	1	0	9	9	0	1.0206	1.0205	0.0000	-1	-1	0.0000
2023-09-20T10:10:34	2	0	1	0	1	1.0565	null	null	0.9941	0.9907	0.0034
2023-09-20T10:10:38	1	0	126	126	0	0.8795	0.8798	0.0003	0.9812	0.9813	-0.0001
2023-09-20T10:12:41	1	0	2	2	0	1.0260	1.0249	-0.0010	-1	1	0.0000
2023-09-20T10:13:45	1	0	19	19	0	1.0461	1.0453	-0.0008	0.9562	0.956	0.0002
2023-09-20T10:13:47	2	0	4	4	0	1.0451	1.0441	-0.0010	0.9997	0.9996	0.0001
2023-09-20T10:14:06	2	0	3	3	0	1.0445	1.0442	-0.0003	-0.9792	-0.9798	0.0006
2023-09-20T10:14:17	2	0	145	144	1	1.0601	1.0596	-0.0005	-0.8412	-0.8443	0.0031
2023-09-20T10:16:12	1	0	7	7	0	1.0425	1.0422	-0.0003	-0.9992	-0.9992	0.0000
2023-09-20T10:17:41	1	0	23	20	3	0.9608	0.9635	0.0026	0.9763	0.9767	-0.0004
2023-09-20T10:20:09	1	0	54	54	0	0.9183	0.9185	0.0001	0.8872	0.8873	-0.0001
2023-09-20T10:20:50	1	0	5	5	0	1.0088	1.0086	-0.0003	-0.9991	-0.9994	0.0003
2023-09-20T10:21:53	1	0	1	1	0	0.9406	0.9420	0.0014	-0.9938	-0.9932	-0.0006
2023-09-20T10:22:48	1	0	14	14	0	1.0494	1.0493	-0.0001	0.9962	0.9961	0.0001
2023-09-20T10:23:40	1	0	65	65	0	0.9356	0.9356	0.0000	0.9904	0.9904	0.0000
2023-09-20T10:24:46	1	0	208	205	3	1.0704	1.0683	-0.0020	0.9944	0.993	0.0014
2023-09-20T10:25:24	1	0	18	17	1	1.0524	1.0522	-0.0002	0.9972	0.9972	0.0000
2023-09-20T10:25:38	1	0	2	0	2	0.9444	null	null	0.9504	0.9507	-0.0003
2023-09-20T10:25:46	2	0	1	2	-1	1.0383	1.0315	-0.0068	-0.9459	-0.9465	0.0006
2023-09-20T10:27:48	2	0	3	3	0	1.0252	1.0250	-0.0002	0.9776	0.9776	0.0000
2023-09-20T10:28:08	2	0	8	8	0	1.0108	1.0108	0.0000	0.9632	0.9632	0.0000
2023-09-20T10:28:21	1	0	1	1	0	1.0290	1.0283	-0.0007	0.9965	0.9964	0.0001
2023-09-20T10:30:36	4	0	45	45	0	0.9302	0.9307	0.0005	0.9925	0.9927	-0.0002
2023-09-20T10:30:50	2	0	46	45	1	0.9194	0.9105	-0.0089	0.986	0.986	0.0000
2023-09-20T10:30:54	1	0	1	1	0	1.0279	1.0272	-0.0007	0.9917	0.9912	0.0005
2023-09-20T10:33:41	5	0	34	32	2	0.9700	0.9746	0.0047	0.9482	0.9485	-0.0003

2023-09-20T10:34:03	3	0	12	10	2	1.0520	1.0508	-0.0013	0.9915	0.9913	0.0002
2023-09-20T10:35:10	1	0	2	1	1	1.0001	0.9449	-0.0552	0.9151	0.9129	0.0022
2023-09-20T10:35:14	2	0	4	3	1	1.0511	1.0493	-0.0019	-0.6727	-0.6738	0.0011
2023-09-20T10:35:27	3	0	19	17	2	0.9382	0.9379	-0.0003	0.9897	0.99	-0.0003
2023-09-20T10:35:28	1	0	10	10	0	1.0360	1.0359	-0.0001	0.9287	0.9285	0.0002
2023-09-20T10:35:53	1	0	6	6	0	1.0083	1.0082	-0.0001	-0.999	-0.9993	0.0003
2023-09-20T10:39:49	1	0	2	2	0	1.0568	1.0561	-0.0007	-0.9898	-0.9867	-0.0031
2023-09-20T10:39:55	2	0	7	7	0	1.0249	1.0248	-0.0002	0.966	0.9655	0.0005
2023-09-20T10:41:52	1	0	5	5	0	0.9950	0.9948	-0.0002	0.9703	0.9702	0.0001
2023-09-20T10:43:13	4	0	291	288	3	1.0616	1.0615	-0.0001	0.9994	0.9994	0.0000
2023-09-20T10:43:55	1	0	50	48	2	1.0491	1.0493	0.0001	-0.9984	-0.9984	0.0000
2023-09-20T10:46:46	1	0	2	2	0	1.0619	1.0615	-0.0004	-0.9518	-0.9538	0.0020
2023-09-20T10:46:55	1	0	1	1	0	1.0561	1.0557	-0.0004	-0.9999	-0.9999	0.0000
2023-09-20T10:47:32	1	0	3	3	0	1.0237	1.0230	-0.0008	0.9396	0.9394	0.0002
2023-09-20T10:48:55	1	0	46	45	1	1.0569	1.0568	-0.0001	-0.9969	-0.997	0.0001
2023-09-20T10:50:37	1	0	1	1	0	1.0604	1.0593	-0.0011	0.9996	0.9996	0.0000
2023-09-20T10:50:49	1	0	8	8	0	1.0458	1.0455	-0.0003	-0.9962	-0.9962	0.0000
2023-09-20T10:50:56	1	0	9	9	0	1.0079	1.0076	-0.0003	0.997	-0.9998	-0.0032
2023-09-20T10:50:56	2	0	4	4	0	1.0503	1.0501	-0.0002	0.7572	0.7534	0.0038
2023-09-20T10:52:59	1	0	5	5	0	0.9640	0.9645	0.0004	0.9991	0.9992	-0.0001
2023-09-20T10:53:22	5	0	14	14	0	1.0299	1.0296	-0.0003	0.9997	0.9997	0.0000
2023-09-20T10:54:50	3	0	3	4	-1	1.0568	1.0538	-0.0031	-0.9908	-0.9876	-0.0032
2023-09-20T10:54:55	1	0	208	196	12	1.0652	1.0631	-0.0021	0.9763	0.9744	0.0019
2023-09-20T10:56:49	1	0	2	2	0	1.0713	1.0707	-0.0006	0.9986	0.9986	0.0000
2023-09-20T10:58:41	1	0	15	15	0	1.0460	1.0459	-0.0001	0.986	0.9858	0.0002
2023-09-20T10:59:57	1	0	3	3	0	0.9967	0.9967	-0.0001	0.952	0.9519	0.0001
2023-09-20T11:01:37	1	0	7	7	0	1.0313	1.0312	-0.0001	0.9787	0.9784	0.0003
2023-09-20T11:02:33	1	0	77	65	12	0.9455	0.9479	0.0024	0.9451	0.9457	-0.0006
2023-09-20T11:04:24	1	0	92	86	6	1.0557	1.0556	-0.0002	0.9917	0.9916	0.0001
2023-09-20T11:05:16	1	0	1	0	1	1.0560	null	null	0.9286	0.9281	0.0005
2023-09-20T11:05:30	2	0	10	10	0	1.0370	1.0367	-0.0003	0.925	0.9243	0.0007
2023-09-20T11:10:06	1	0	3	3	0	1.0198	1.0197	-0.0001	-0.999	-0.999	0.0000
2023-09-20T11:13:49	1	0	34	34	0	1.0484	1.0483	0.0000	0.9618	0.9615	0.0003
2023-09-20T11:14:29	1	0	6	6	0	1.0488	1.0487	-0.0001	-0.9991	-0.9991	0.0000
2023-09-20T11:15:44	7	0	3	3	0	0.9436	0.9441	0.0005	0.9955	0.9959	-0.0004
2023-09-20T11:17:34	1	0	96	3	93	0.8983	1.0210	0.1227	0.9386	0.9385	0.0001
2023-09-20T11:19:35	1	0	50	50	0	1.0538	1.0537	0.0000	0.991	0.991	0.0000
2023-09-20T11:20:44	4	0	26	23	3	1.0539	1.0525	-0.0014	-0.9989	-0.9992	0.0003
2023-09-20T11:27:25	3	0	2	2	0	0.9965	0.9970	0.0006	-0.9962	-0.9979	0.0017
2023-09-20T11:27:54	1	0	1	1	0	1.0231	1.0227	-0.0004	-1	-1	0.0000
2023-09-20T11:28:25	1	0	148	147	1	1.0569	1.0567	-0.0001	0.997	0.9969	0.0001
2023-09-20T11:29:41	1	0	6	6	0	1.0488	1.0487	-0.0001	-0.9994	-0.9994	0.0000
2023-09-20T11:31:15	2	0	16	16	0	0.9573	0.9575	0.0002	0.9957	0.9958	-0.0001
2023-09-20T11:32:35	1	0	97	3	94	0.9069	1.0272	0.1203	0.9381	0.9449	-0.0068
2023-09-20T11:33:20	1	0	39	40	-1	0.9581	0.9604	0.0023	0.9748	0.9745	0.0003
2023-09-20T11:34:46	5	0	16	17	-1	1.0527	1.0528	0.0001	0.9906	0.9906	0.0000
2023-09-20T11:35:18	4	0	5	6	-1	1.0529	1.0533	0.0004	-0.702	-0.7006	-0.0014
2023-09-20T11:35:59	1	0	1	1	0	1.0617	1.0612	-0.0005	0.9998	0.9998	0.0000
2023-09-20T11:36:08	6	0	4	4	0	1.0086	1.0080	-0.0006	-0.9856	-0.9992	0.0136
2023-09-20T11:36:20	1	0	4	4	0	1.0434	1.0433	-0.0001	-0.9962	-0.9961	-0.0001
2023-09-20T11:40:12	1	0	204	201	3	1.0685	1.0665	-0.0020	0.9707	0.9691	0.0016
2023-09-20T11:40:54	4	0	3	4	-1	1.0536	1.0438	-0.0098	0.9996	0.9996	0.0000
2023-09-20T11:42:25	1	0	4	4	0	1.0589	1.0588	-0.0001	0.9969	0.9969	0.0000
2023-09-20T11:42:53	2	0	3	3	0	1.0338	1.0338	0.0000	0.9708	0.971	-0.0002
2023-09-20T11:43:01	1	0	1	1	0	1.0209	1.0206	-0.0003	0.9999	0.9999	0.0000
2023-09-20T11:43:31	1	0	42	42	0	1.0523	1.0523	0.0000	0.9912	0.9897	0.0015
2023-09-20T11:43:59	1	0	7	7	0	1.0496	1.0496	0.0000	-0.9997	-0.9997	0.0000
2023-09-20T11:44:00	3	0	1	1	0	1.0581	1.0575	-0.0006	0.9995	0.9988	0.0007
2023-09-20T11:44:15	2	0	4	4	0	1.0493	1.0493	0.0000	-0.9935	-0.9933	-0.0002
2023-09-20T11:45:59	1	0	1	1	0	1.0398	1.0390	-0.0008	0.9963	0.9769	0.0194
2023-09-20T11:47:36	1	0	97	97	0	0.9080	0.9102	0.0022	0.9353	0.9359	-0.0006
2023-09-20T11:48:43	2	0	41	41	0	0.9591	0.9590	-0.0001	0.9714	0.9711	0.0003
2023-09-20T11:50:23	1	0	2	2	0	1.0361	1.0355	-0.0006	0.915	0.9146	0.0004
2023-09-20T11:51:12	4	0	6	7	-1	1.0144	1.0119	-0.0025	-0.9826	-0.9983	0.0157
2023-09-20T11:51:15	2	0	2	2	0	1.0598	1.0591	-0.0007	0.9997	0.9997	0.0000
2023-09-20T11:55:16	1	0	208	206	2	1.0710	1.0697	-0.0013	0.9712	0.9702	0.0010
2023-09-20T11:57:54	2	0	1	1	0	1.0265	1.0265	0.0000	0.969	0.9692	-0.0002
2023-09-20T11:59:57	1	0	2	2	0	0.9395	0.9398	0.0003	0.9738	0.9739	-0.0001
2023-09-20T12:02:41	4	0	20	19	1	1.0521	1.0519	-0.0002	0.9666	0.9666	0.0000
2023-09-20T12:04:06	2	0	43	43	0	0.9589	0.9588	-0.0001	0.9663	0.966	0.0003
2023-09-20T12:05:27	2	0	2	2	0	1.0385	1.0385	0.0000	0.9254	0.9253	0.0001
2023-09-20T12:10:21	1	0	215	213	2	1.0741	1.0731	-0.0010	0.9671	0.9663	0.0008
2023-09-20T12:12:00	2	0	3	3	0	1.0148	1.0145	-0.0003	0.9939	0.9938	0.0001
2023-09-20T12:12:55	2	0	2	2	0	1.0411	1.0411	-0.0001	0.9704	0.9705	-0.0001
2023-09-20T12:20:21	5	0	12	12	0	1.0522	1.0523	0.0000	-0.6457	-0.6427	-0.0030
2023-09-20T12:21:14	3	0	6	6	0	1.0136	1.0133	-0.0002	-0.9994	-0.9995	0.0001
2023-09-20T12:26:34	4	0	7	8	-1	1.0554	1.0559	0.0005	0.9973	0.9963	0.0010
2023-09-20T12:27:49	1	0	5	6	-1	1.0607	1.0599	-0.0009	0.9986	0.9987	-0.0001
2023-09-20T12:31:33	1	0	2	2	0	1.0590	1.0590	0.0000	0.942	0.942	0.0000
2023-09-20T12:36:25	2	0	3	3	0	1.0597	1.0596	-0.0001	0.9997	0.9997	0.0000
2023-09-20T12:43:34	1	0	55	55	0	1.0542	1.0542	0.0000	0.9946	0.9946	0.0000
2023-09-20T12:46:03	1	0	2	2	0	1.0296	1.0294	-0.0001	0.9859	0.986	-0.0001
2023-09-20T12:47:40	1	0	96	96	0	0.8760	0.8838	0.0078	0.9356	0.9286	0.0070
2023-09-20T12:59:05	1	0	5	5	0	1.0502	1.0502	0.0000	-1	1	0.0000
2023-09-20T12:59:08	3	0	3	3	0	1.0455	1.0441	-0.0014	-1	0.9998	0.0002

2023-09-20T13:00:01	2	0	11	11	0	1.0471	1.0469	-0.0002	0.9978	0.9978	0.0000
2023-09-20T13:10:50	1	0	3	6	-3	0.9479	0.9486	0.0007	0.9502	0.95	0.0002
2023-09-20T13:21:21	6	0	4	5	-1	1.0348	1.0373	0.0025	-0.9963	-0.9958	-0.0005
2023-09-20T13:25:38	1	0	203	202	1	1.0684	1.0678	-0.0006	0.988	0.9874	0.0006
2023-09-20T13:26:38	1	0	8	7	1	1.0633	1.0631	-0.0002	0.9985	0.9985	0.0000
2023-09-20T13:31:37	1	0	3	3	0	1.0599	1.0599	-0.0001	0.94	0.9399	0.0001
2023-09-20T13:42:11	2	0	2	2	0	0.9960	0.9958	-0.0002	0.991	0.9908	0.0002
2023-09-20T13:43:38	1	0	177	175	2	1.0570	1.0569	-0.0001	0.9993	0.9993	0.0000
2023-09-20T13:44:08	3	0	448	446	2	0.8141	0.8142	0.0001	0.9822	0.9815	0.0007
2023-09-20T13:50:27	2	0	4	4	0	1.0518	1.0517	-0.0001	-0.6533	-0.6528	-0.0005
2023-09-20T13:50:43	1	0	12	12	0	0.9447	0.9447	0.0000	0.9081	0.9054	0.0027
2023-09-20T13:51:26	1	0	3	3	0	1.0133	1.0132	-0.0001	0.9945	0.9943	0.0002
2023-09-20T13:51:36	2	0	3	3	0	1.0594	1.0590	-0.0004	0.998	0.9979	0.0001
2023-09-20T13:58:39	1	0	97	93	4	1.0556	1.0556	0.0000	0.9988	0.9988	0.0000
2023-09-20T14:00:06	1	0	3	4	-1	1.0491	1.0482	-0.0009	0.9979	0.9979	0.0000
2023-09-20T14:02:45	1	0	96	96	0	0.8969	0.8970	0.0001	0.942	0.9421	-0.0001
2023-09-20T14:05:28	5	0	15	13	2	1.0510	1.0500	-0.0010	-0.6588	-0.6598	0.0010
2023-09-20T14:05:43	3	0	6	7	-1	0.9377	0.9386	0.0008	0.991	0.991	0.0000
2023-09-20T14:05:46	1	0	3	3	0	0.9819	0.9816	-0.0003	0.9136	0.9133	0.0003
2023-09-20T14:06:15	3	0	5	5	0	1.0545	1.0533	-0.0012	0.9276	0.9279	-0.0003
2023-09-20T14:06:27	1	0	3	3	0	1.0123	1.0121	-0.0002	0.9955	0.9953	0.0002
2023-09-20T14:06:43	2	0	3	3	0	1.0558	1.0553	-0.0004	0.9989	0.9988	0.0001
2023-09-20T14:10:18	1	0	1	1	0	1.0555	1.0554	-0.0001	-0.9999	-0.9999	0.0000
2023-09-20T14:11:01	2	0	1	0	1	1.0314	null	null	-0.9543	-0.9534	-0.0009
2023-09-20T14:11:41	3	0	2	2	0	1.0734	1.0729	-0.0005	0.9938	0.9923	0.0015
2023-09-20T14:12:13	2	0	2	2	0	0.9967	0.9966	-0.0002	0.9911	0.9909	0.0002
2023-09-20T14:13:16	1	0	1	1	0	1.0267	1.0267	0.0000	0.9807	0.9807	0.0000
2023-09-20T14:16:08	6	0	1	1	0	0.9372	0.9377	0.0005	0.9994	0.9994	0.0000
2023-09-20T14:16:51	1	0	93	96	-3	1.0610	1.0610	0.0001	-0.9486	-0.9443	-0.0043
2023-09-20T14:17:46	1	0	96	96	0	0.8894	0.8897	0.0003	0.939	0.9311	0.0079
2023-09-20T14:19:12	1	0	22	22	0	1.0520	1.0514	-0.0006	-0.9981	-0.9994	0.0013
2023-09-20T14:19:23	2	0	20	19	1	1.0463	1.0457	-0.0006	0.9489	0.949	-0.0001
2023-09-20T14:19:58	2	0	39	36	3	0.9660	0.9661	0.0001	0.983	0.9827	0.0003
2023-09-20T14:20:19	2	0	4	4	0	1.0504	1.0497	-0.0007	0.9741	0.9815	-0.0074
2023-09-20T14:20:44	1	0	13	13	0	1.0392	1.0391	-0.0001	-1	-1	0.0000
2023-09-20T14:20:50	1	0	17	16	1	0.9487	0.9420	-0.0067	0.9084	0.9059	0.0025
2023-09-20T14:21:16	3	0	4	4	0	1.0579	1.0579	-0.0001	0.3047	0.3034	0.0013
2023-09-20T14:21:28	2	0	2	2	0	1.0139	1.0136	-0.0004	-0.9924	0.9667	0.0409
2023-09-20T14:22:00	1	0	2	2	0	1.0584	1.0580	-0.0004	0.9989	0.9988	0.0001
2023-09-20T14:22:05	2	0	6	6	0	1.0339	1.0337	-0.0002	0.9982	0.9981	0.0001
2023-09-20T14:23:14	1	0	7	7	0	1.0509	1.0509	0.0000	-0.9994	-0.9993	-0.0001
2023-09-20T14:25:10	3	0	10	10	0	1.0280	1.0280	0.0000	0.9542	0.9543	-0.0001
2023-09-20T14:25:52	1	0	2	2	0	0.9409	0.9414	0.0005	0.9795	0.978	0.0015
2023-09-20T14:26:42	2	0	2	2	0	1.0689	1.0685	-0.0004	0.996	0.9935	0.0025
2023-09-20T14:27:57	1	0	5	5	0	1.0599	1.0597	-0.0001	0.9956	0.993	0.0026
2023-09-20T14:28:17	1	0	2	2	0	1.0208	1.0207	-0.0001	0.9806	0.9805	0.0001
2023-09-20T14:28:24	2	0	8	8	0	1.0118	1.0117	0.0000	0.9583	0.9583	0.0000
2023-09-20T14:29:26	2	0	4	4	0	1.0451	1.0450	-0.0001	0.9986	0.9985	0.0001
2023-09-20T14:31:52	1	0	92	92	0	1.0451	1.0451	0.0000	-0.941	-0.9411	0.0001
2023-09-20T14:34:18	5	0	12	11	1	0.9503	0.9499	-0.0004	0.9991	0.9991	0.0000
2023-09-20T14:35:08	2	0	11	11	0	0.9881	0.9880	-0.0001	0.9776	0.9773	0.0003
2023-09-20T14:35:20	2	0	2	2	0	1.0299	1.0298	-0.0001	0.9782	0.9729	0.0053
2023-09-20T14:35:30	2	0	3	3	0	1.0506	1.0503	-0.0003	-0.7094	-0.7095	0.0001
2023-09-20T14:35:54	1	0	7	9	-2	0.9402	0.9403	0.0001	0.9166	0.9147	0.0019
2023-09-20T14:36:17	3	0	4	4	0	1.0566	1.0565	-0.0001	0.4019	0.4008	0.0011
2023-09-20T14:36:29	2	0	3	3	0	1.0116	1.0115	-0.0002	0.995	0.9947	0.0003
2023-09-20T14:36:42	1	0	6	6	0	1.0489	1.0489	-0.0001	-0.998	-0.9968	-0.0012
2023-09-20T14:37:05	2	0	7	7	0	1.0345	1.0344	0.0000	0.9983	0.9982	0.0001
2023-09-20T14:37:15	2	0	2	1	1	1.0559	1.0559	0.0000	0.9991	0.9991	0.0000
2023-09-20T14:38:30	1	0	1	1	0	1.0355	1.0347	-0.0008	0.9997	0.9997	0.0000
2023-09-20T14:40:11	3	0	9	9	0	1.0244	1.0243	0.0000	0.9568	0.9568	0.0000
2023-09-20T14:40:51	1	0	159	145	14	1.0630	1.0607	-0.0024	0.9904	0.9886	0.0018
2023-09-20T14:40:53	1	0	1	1	0	0.9403	0.9404	0.0001	0.9809	0.9809	0.0000
2023-09-20T14:41:07	2	0	2	2	0	1.0344	1.0324	-0.0020	-0.955	-0.9663	0.0113
2023-09-20T14:43:20	1	0	4	4	0	1.0581	1.0581	-0.0001	0.9964	0.9945	0.0019
2023-09-20T14:43:25	1	0	7	7	0	1.0244	1.0243	-0.0001	0.9584	0.9581	0.0003
2023-09-20T14:44:15	3	0	4	4	0	1.0292	1.0286	-0.0006	0.9998	1	-0.0002
2023-09-20T14:44:27	2	0	4	4	0	1.0461	1.0461	0.0000	0.9984	0.9984	0.0000
2023-09-20T14:50:55	3	0	108	107	1	0.9161	0.9279	0.0119	0.8756	0.8876	-0.0120
2023-09-20T14:53:00	1	0	14	14	0	1.0476	1.0475	-0.0001	-0.9982	-0.9983	0.0001
2023-09-20T14:56:13	1	0	1	1	0	1.0327	1.0312	-0.0015	-0.9592	-0.9571	-0.0021
2023-09-20T14:58:19	1	0	2	2	0	1.0211	1.0211	-0.0001	0.982	0.982	0.0000
2023-09-20T14:58:26	1	0	7	7	0	1.0026	1.0028	0.0001	0.9492	0.9494	-0.0002
2023-09-20T14:58:47	1	0	94	89	5	1.0554	1.0554	0.0000	0.9988	0.9988	0.0000
2023-09-20T14:59:13	2	0	112	111	1	0.9154	0.9155	0.0001	0.9998	0.9998	0.0000
2023-09-20T15:05:21	3	0	3	3	0	1.0480	1.0479	-0.0001	0.9893	0.9883	0.0010
2023-09-20T15:07:31	1	0	2	2	0	1.0455	1.0450	-0.0005	0.9998	0.9998	0.0000
2023-09-20T15:07:54	2	0	3	3	0	1.0246	1.0242	-0.0004	0.9697	0.9695	0.0002
2023-09-20T15:10:43	1	0	1	2	-1	1.0366	1.0324	-0.0042	0.9902	0.9899	0.0003
2023-09-20T15:11:57	1	0	2	2	0	1.0761	1.0759	-0.0002	1	1	0.0000
2023-09-20T15:12:22	1	0	2	2	0	0.9929	0.9926	-0.0003	0.9933	0.9927	0.0006
2023-09-20T15:14:14	1	0	92	75	17	1.0534	1.0521	-0.0013	-0.9989	-0.9989	0.0000
2023-09-20T15:15:11	1	0	2	2	0	0.9411	0.9414	0.0003	0.9852	0.9853	-0.0001
2023-09-20T15:19:07	2	0	23	22	1	0.9850	0.9816	-0.0033	0.954	0.9539	0.0001
2023-09-20T15:23:22	1	0	2	2	0	1.0220	1.0218	-0.0002	0.9667	0.9667	0.0000

2023-09-20T15:26:58	1	0	2	2	0	1.0659	1.0658	-0.0001	0.9992	0.9986	0.0006
2023-09-20T15:31:16	1	0	1	1	0	1.0350	1.0346	-0.0004	0.9772	0.9767	0.0005
2023-09-20T15:35:14	2	0	4	4	0	1.0504	1.0496	-0.0008	0.9979	0.9977	0.0002
2023-09-20T15:35:23	1	0	5	5	0	1.0492	1.0490	-0.0002	0.989	0.989	0.0000
2023-09-20T15:35:34	2	0	2	0	2	1.0452	null	null	-0.7802	-0.7809	0.0007
2023-09-20T15:36:55	1	0	19	18	1	1.0569	1.0567	-0.0002	-0.9934	-0.9965	0.0031
2023-09-20T15:41:59	1	0	2	2	0	1.0613	1.0613	0.0000	0.9996	0.9985	0.0011
2023-09-20T16:13:31	1	0	2	2	0	1.0241	1.0237	-0.0005	1	1	0.0000
2023-09-20T16:42:06	1	0	2	2	0	0.9648	0.9665	0.0017	0.9932	0.9932	0.0000
2023-09-20T17:04:52	1	0	1	1	0	0.9151	0.9155	0.0004	0.9905	0.9904	0.0001
2023-09-20T18:06:03	1	0	9	9	0	0.9426	0.9428	0.0001	-1	-1	0.0000
2023-09-21T07:49:48	1	0	51	51	0	0.9207	0.9208	0.0001	0.8417	0.8425	-0.0008
2023-09-21T07:59:25	3	0	583	579	4	1.0598	1.0598	0.0000	-0.993	-0.9931	0.0001
2023-09-21T08:00:50	1	0	213	213	0	1.0615	1.0615	0.0000	-0.9055	-0.9057	0.0002
2023-09-21T08:03:47	1	0	108	107	1	1.0544	1.0544	0.0000	0.9884	0.9884	0.0000
2023-09-21T08:05:26	2	0	374	374	0	1.0630	1.0630	0.0000	-0.9959	-0.9959	0.0000
2023-09-21T08:10:17	1	0	70	68	2	1.0540	1.0540	0.0000	0.9993	0.9993	0.0000
2023-09-21T08:18:42	1	0	51	51	0	0.9909	0.9910	0.0001	0.955	0.955	0.0000
2023-09-21T08:20:27	1	0	200	200	0	1.0644	1.0644	0.0000	-0.9973	-0.9973	0.0000
2023-09-21T08:21:53	1	0	97	97	0	0.9994	0.9994	0.0000	0.9691	0.9688	0.0003
2023-09-21T08:25:44	1	0	1	1	0	1.0392	1.0388	-0.0004	-0.9533	-0.9529	-0.0004
2023-09-21T08:28:01	4	0	369	369	0	1.0608	1.0608	0.0000	0.9964	0.9964	0.0000
2023-09-21T08:29:27	2	0	567	566	1	1.0601	1.0601	0.0000	-0.9947	-0.9947	0.0000
2023-09-21T08:40:19	1	0	102	102	0	1.0545	1.0545	0.0000	0.9996	0.9996	0.0000
2023-09-21T08:49:01	5	0	84	82	2	0.9422	0.9423	0.0001	-1	-1	0.0000
2023-09-21T08:51:52	1	0	1	1	0	0.9431	0.9435	0.0004	-0.9919	-0.9917	-0.0002
2023-09-21T08:58:03	2	0	539	537	2	1.0623	1.0623	0.0000	0.9978	0.9978	0.0000
2023-09-21T08:58:48	3	0	2	2	0	1.0285	1.0279	-0.0007	0.9997	0.9996	0.0001
2023-09-21T09:05:52	2	0	8	8	0	1.0133	1.0131	-0.0001	0.9744	0.9743	0.0001
2023-09-21T09:16:38	1	0	13	13	0	1.0382	1.0382	-0.0001	0.9884	0.988	0.0004
2023-09-21T09:17:26	2	0	8	8	0	1.0318	1.0316	-0.0003	0.9744	0.9743	0.0001
2023-09-21T09:23:29	1	0	6	6	0	1.0045	1.0045	-0.0001	0.9772	0.9772	0.0000
2023-09-21T09:27:37	1	0	8	8	0	1.0344	1.0340	-0.0004	1	1	0.0000
2023-09-21T09:27:45	1	0	5	5	0	1.0224	1.0222	-0.0001	0.9849	0.9848	0.0001
2023-09-21T09:28:25	1	0	3	3	0	1.0249	1.0246	-0.0002	0.9821	0.9821	0.0000
2023-09-21T09:29:11	2	0	3	3	0	1.0336	1.0334	-0.0001	-0.973	-0.9733	0.0003
2023-09-21T09:31:27	1	0	10	10	0	1.0008	1.0007	-0.0001	0.9878	0.9877	0.0001
2023-09-21T09:31:29	1	0	128	127	1	1.0652	1.0648	-0.0003	-0.9861	-0.9863	0.0002
2023-09-21T09:35:11	1	0	2	2	0	1.0215	1.0211	-0.0005	0.9067	0.9043	0.0024
2023-09-21T09:35:13	2	0	24	22	2	1.0541	1.0536	-0.0005	-0.6607	-0.6611	0.0004
2023-09-21T09:35:47	1	0	7	7	0	1.0133	1.0133	0.0000	-0.999	-0.9992	0.0002
2023-09-21T09:37:03	1	0	4	4	0	1.0400	1.0397	-0.0003	-0.9979	-0.9979	0.0000
2023-09-21T09:38:21	1	0	227	224	3	1.0587	1.0587	0.0000	-0.9929	-0.993	0.0001
2023-09-21T09:40:06	1	0	2	2	0	1.0325	1.0321	-0.0004	0.9949	0.9933	0.0016
2023-09-21T09:42:50	1	0	1	1	0	0.8613	0.8616	0.0003	0.9954	0.9954	0.0000
2023-09-21T09:44:29	1	0	46	45	1	1.0528	1.0526	-0.0002	-0.9725	-0.9726	0.0001
2023-09-21T09:46:09	1	0	8	8	0	1.0440	1.0439	-0.0001	-0.999	-0.999	0.0000
2023-09-21T09:46:28	1	0	6	6	0	0.9915	0.9916	0.0000	0.986	0.986	0.0000
2023-09-21T09:46:40	1	0	10	10	0	1.0331	1.0331	0.0000	0.9871	0.9868	0.0003
2023-09-21T09:47:58	2	0	22	19	3	1.0139	1.0073	-0.0067	0.9391	0.9389	0.0002
2023-09-21T09:50:33	8	0	215	210	5	1.0660	1.0668	0.0007	1	1	0.0000
2023-09-21T09:50:48	1	0	7	7	0	1.0118	1.0117	-0.0001	1	1	0.0000
2023-09-21T09:50:57	1	0	3	3	0	1.0405	1.0404	-0.0001	0.9875	0.987	0.0005
2023-09-21T09:53:00	1	0	8	8	0	0.9474	0.9478	0.0004	0.9998	0.9998	0.0000
2023-09-21T09:53:38	3	0	13	12	1	0.9439	0.9445	0.0006	0.9898	0.99	-0.0002
2023-09-21T09:55:40	1	0	126	126	0	0.8883	0.8886	0.0003	0.9812	0.9813	-0.0001
2023-09-21T09:57:47	1	0	3	3	0	1.0306	1.0303	-0.0002	0.9998	0.9997	0.0001
2023-09-21T09:59:32	2	0	381	374	7	1.0628	1.0625	-0.0003	-0.8315	-0.8355	0.0040
2023-09-21T09:59:33	1	0	95	95	0	0.9240	0.9243	0.0002	0.9967	0.9967	0.0000
2023-09-21T10:00:51	1	0	2	2	0	1.0472	1.0466	-0.0005	0.9661	-0.9923	-0.0416
2023-09-21T10:02:13	1	0	14	14	0	0.9849	0.9848	-0.0001	0.9802	0.98	0.0002
2023-09-21T10:02:29	1	0	3	3	0	1.0233	1.0233	0.0000	0.9713	0.9714	-0.0001
2023-09-21T10:03:07	1	0	43	43	0	1.0059	1.0057	-0.0002	0.9393	0.9393	0.0000
2023-09-21T10:03:49	2	0	46	44	2	0.9958	0.9959	0.0001	0.958	0.9584	-0.0004
2023-09-21T10:04:05	1	0	69	67	2	1.0558	1.0557	0.0000	0.9926	0.9911	0.0015
2023-09-21T10:05:15	4	0	5	5	0	1.0480	1.0478	-0.0003	-0.6724	-0.6739	0.0015
2023-09-21T10:05:34	10	0	181	174	7	1.0601	1.0592	-0.0008	0.9999	0.9997	0.0002
2023-09-21T10:05:49	2	0	7	7	0	1.0098	1.0096	-0.0002	0.9985	0.9982	0.0003
2023-09-21T10:05:56	2	0	6	6	0	1.0076	1.0073	-0.0002	0.9703	0.9701	0.0002
2023-09-21T10:05:58	1	0	3	3	0	1.0406	1.0405	-0.0001	0.9964	0.9962	0.0002
2023-09-21T10:06:57	1	0	1	1	0	0.9414	0.9427	0.0013	-0.9807	-0.9797	-0.0010
2023-09-21T10:07:00	1	0	8	8	0	1.0336	1.0335	-0.0001	0.9884	0.9885	-0.0001
2023-09-21T10:09:38	1	0	7	7	0	1.0259	1.0258	-0.0001	0.9691	0.9688	0.0003
2023-09-21T10:10:03	1	0	6	6	0	1.0181	1.0180	-0.0001	0.9999	0.9998	0.0001
2023-09-21T10:10:21	1	0	1	1	0	1.0652	1.0642	-0.0010	0.9944	0.9926	0.0018
2023-09-21T10:10:25	1	0	37	33	4	1.0552	1.0550	-0.0002	0.9994	0.9994	0.0000
2023-09-21T10:10:41	1	0	125	125	0	0.8798	0.8802	0.0004	0.981	0.9811	-0.0001
2023-09-21T10:12:48	1	0	3	3	0	1.0214	1.0211	-0.0003	0.9839	0.9837	0.0002
2023-09-21T10:12:51	1	0	4	4	0	1.0325	1.0315	-0.0010	0.9999	0.9998	0.0001
2023-09-21T10:12:52	1	0	1	1	0	0.8729	0.8733	0.0004	0.9944	0.9944	0.0000
2023-09-21T10:13:06	1	0	7	7	0	1.0267	1.0267	0.0000	0.9484	0.9483	0.0001
2023-09-21T10:13:10	4	0	260	252	8	1.0585	1.0584	-0.0001	0.9955	0.9954	0.0001
2023-09-21T10:13:49	1	0	20	20	0	1.0440	1.0439	-0.0001	0.9694	0.9692	0.0002
2023-09-21T10:13:53	3	0	5	5	0	1.0404	1.0394	-0.0010	0.9996	0.9995	0.0001
2023-09-21T10:14:14	2	0	3	3	0	1.0468	1.0465	-0.0003	-0.9708	-0.9716	0.0008

2023-09-21T10:15:42	1	0	12	12	0	1.0473	1.0473	-0.0001	0.9984	0.9984	0.0000
2023-09-21T10:15:59	3	0	159	155	4	1.0522	1.0521	-0.0001	-0.9499	-0.9503	0.0004
2023-09-21T10:16:30	1	0	23	22	1	0.9538	0.9518	-0.0020	0.9863	0.9863	0.0000
2023-09-21T10:16:33	1	0	77	73	4	1.0605	1.0602	-0.0003	-0.9884	-0.9885	0.0001
2023-09-21T10:17:24	1	0	9	9	0	1.0059	1.0059	0.0000	0.9789	0.9791	-0.0002
2023-09-21T10:18:55	1	0	1	1	0	0.9359	0.9363	0.0004	1	1	0.0000
2023-09-21T10:19:06	3	0	35	26	9	1.0512	1.0500	-0.0011	0.9917	0.9916	0.0001
2023-09-21T10:19:18	1	0	34	32	2	0.9469	0.9470	0.0001	0.9998	0.9998	0.0000
2023-09-21T10:20:14	2	0	5	5	0	1.0287	1.0283	-0.0004	0.9799	0.9798	0.0001
2023-09-21T10:20:45	2	0	178	176	2	1.0606	1.0604	-0.0001	0.9998	0.9998	0.0000
2023-09-21T10:20:50	3	0	7	7	0	1.0092	1.0089	-0.0003	0.9981	0.9976	0.0005
2023-09-21T10:22:52	1	0	1	1	0	1.0624	1.0621	-0.0003	0.984	0.9839	0.0001
2023-09-21T10:23:02	1	0	21	20	1	0.9420	0.9423	0.0003	-0.9999	-0.9998	-0.0001
2023-09-21T10:23:33	1	0	3	3	0	1.0014	1.0012	-0.0002	0.9625	0.9624	0.0001
2023-09-21T10:24:39	2	0	8	8	0	1.0234	1.0233	-0.0001	0.9659	0.9655	0.0004
2023-09-21T10:24:46	1	0	205	203	2	1.0680	1.0660	-0.0020	0.9943	0.9928	0.0015
2023-09-21T10:25:22	1	0	2	2	0	1.0685	1.0683	-0.0003	0.993	0.9911	0.0019
2023-09-21T10:26:50	1	0	1	1	0	1.0560	1.0555	-0.0005	0.9983	0.9981	0.0002
2023-09-21T10:27:43	3	0	28	26	2	1.0556	1.0548	-0.0008	-0.9906	-0.991	0.0004
2023-09-21T10:31:18	1	0	10	10	0	1.0485	1.0483	-0.0002	-0.9998	-1	0.0002
2023-09-21T10:33:47	1	0	29	29	0	1.0540	1.0545	0.0005	-0.997	-0.9971	0.0001
2023-09-21T10:33:51	2	0	92	90	2	0.9832	0.9865	0.0033	0.9521	0.9519	0.0002
2023-09-21T10:34:19	1	0	33	30	3	1.0520	1.0516	-0.0004	0.9924	0.9924	0.0000
2023-09-21T10:35:40	1	0	1	1	0	1.0561	1.0550	-0.0011	1	1	0.0000
2023-09-21T10:35:54	1	0	6	6	0	1.0125	1.0123	-0.0003	-1	0.9959	0.0041
2023-09-21T10:37:08	1	0	1	1	0	1.0718	1.0704	-0.0014	-0.9995	-0.9995	0.0000
2023-09-21T10:38:41	3	0	14	12	2	0.9468	0.9482	0.0013	0.9876	0.9879	-0.0003
2023-09-21T10:39:59	1	0	1	1	0	1.0566	1.0559	-0.0007	-0.9997	-0.9998	0.0001
2023-09-21T10:41:52	1	0	44	40	4	0.9494	0.9496	0.0002	0.9592	0.9592	0.0000
2023-09-21T10:44:40	1	0	294	291	3	1.0604	1.0602	-0.0002	-0.8444	-0.8465	0.0021
2023-09-21T10:47:04	1	0	1	1	0	1.0413	1.0406	-0.0007	-1	-1	0.0000
2023-09-21T10:47:34	1	0	2	2	0	1.0147	1.0141	-0.0007	0.9517	0.9515	0.0002
2023-09-21T10:49:20	3	0	66	61	5	0.9429	0.9431	0.0002	0.9998	0.9998	0.0000
2023-09-21T10:51:01	6	0	172	170	2	1.0603	1.0603	0.0001	0.9997	0.999	0.0007
2023-09-21T10:52:44	1	0	4	4	0	1.0205	1.0202	-0.0003	-0.9983	-0.9984	0.0001
2023-09-21T10:55:24	1	0	3	3	0	1.0431	1.0433	0.0002	0.9913	0.9911	0.0002
2023-09-21T10:58:52	1	0	18	18	0	1.0440	1.0440	0.0000	0.9645	0.9642	0.0003
2023-09-21T10:59:37	2	0	101	100	1	1.0537	1.0536	-0.0001	-0.9954	-0.9955	0.0001
2023-09-21T10:59:44	1	0	276	271	5	1.0599	1.0596	-0.0003	-0.8231	-0.8253	0.0022
2023-09-21T11:01:45	1	0	9	9	0	1.0346	1.0345	-0.0001	0.983	0.9827	0.0003
2023-09-21T11:01:50	1	0	2	2	0	1.0618	1.0614	-0.0005	0.9728	0.9706	0.0022
2023-09-21T11:03:57	1	0	4	4	0	1.0575	1.0573	-0.0002	0.9896	0.9894	0.0002
2023-09-21T11:04:36	2	0	38	36	2	0.9457	0.9458	0.0001	0.9997	0.9997	0.0000
2023-09-21T11:04:43	1	0	52	46	6	1.0544	1.0548	0.0004	0.9902	0.9901	0.0001
2023-09-21T11:05:34	1	0	3	3	0	1.0079	1.0078	-0.0001	0.9275	0.9272	0.0003
2023-09-21T11:05:44	1	0	5	4	1	1.0494	1.0479	-0.0015	0.9971	0.9971	0.0000
2023-09-21T11:05:51	1	0	1	0	1	1.0555	null	null	0.9999	0.9999	0.0000
2023-09-21T11:05:58	4	0	6	6	0	1.0477	1.0459	-0.0019	0.9999	0.9997	0.0002
2023-09-21T11:06:02	2	0	5	5	0	1.0441	1.0439	-0.0002	0.9795	0.9785	0.0010
2023-09-21T11:06:29	1	0	3	3	0	1.0386	1.0385	-0.0001	-0.9948	-0.9947	-0.0001
2023-09-21T11:07:27	2	0	16	15	1	1.0451	1.0450	-0.0002	-0.9934	-0.9936	0.0002
2023-09-21T11:09:35	1	0	27	27	0	1.0547	1.0547	0.0000	-0.8924	-0.8922	-0.0002
2023-09-21T11:10:07	1	0	7	7	0	1.0208	1.0208	0.0000	0.9999	0.9999	0.0000
2023-09-21T11:10:17	3	0	3	2	1	1.0578	1.0574	-0.0004	-0.9999	-0.9995	-0.0004
2023-09-21T11:10:22	1	0	3	3	0	0.8604	0.8605	0.0001	0.9636	0.9643	-0.0007
2023-09-21T11:13:35	4	0	389	382	7	1.0615	1.0613	-0.0002	0.997	0.9968	0.0002
2023-09-21T11:14:34	1	0	6	6	0	1.0463	1.0461	-0.0001	-0.9998	-0.9998	0.0000
2023-09-21T11:17:11	1	0	1	1	0	1.0568	1.0563	-0.0005	1	1	0.0000
2023-09-21T11:19:03	1	0	94	91	3	0.9967	0.9945	-0.0022	0.9624	0.9623	0.0001
2023-09-21T11:21:52	2	0	5	5	0	1.0556	1.0554	-0.0002	-0.9988	-0.9988	0.0000
2023-09-21T11:21:52	1	0	1	1	0	1.0555	1.0551	-0.0004	0.8201	0.8196	0.0005
2023-09-21T11:22:10	1	0	2	2	0	1.0125	1.0127	0.0001	-0.9982	-0.9982	0.0000
2023-09-21T11:26:54	1	0	18	16	2	1.0555	1.0546	-0.0009	0.9938	0.9937	0.0001
2023-09-21T11:28:16	1	0	2	2	0	1.0221	1.0217	-0.0005	0.9998	0.9998	0.0000
2023-09-21T11:28:40	4	0	381	381	0	1.0622	1.0620	-0.0001	0.9973	0.9973	0.0000
2023-09-21T11:29:39	2	0	33	33	0	1.0499	1.0499	0.0000	-0.9977	-0.9977	0.0000
2023-09-21T11:29:50	1	0	427	427	0	1.0642	1.0639	-0.0003	-0.8232	-0.8254	0.0022
2023-09-21T11:30:47	1	0	1	1	0	1.0602	1.0602	0.0000	0.9981	0.9981	0.0000
2023-09-21T11:31:25	3	0	145	145	0	1.0227	1.0227	0.0000	-0.9585	-0.9585	0.0000
2023-09-21T11:31:40	2	0	51	49	2	0.9454	0.9457	0.0002	0.9946	0.9946	0.0000
2023-09-21T11:31:41	2	0	2	2	0	1.0329	1.0327	-0.0003	0.9976	0.9976	0.0000
2023-09-21T11:31:56	1	0	2	2	0	1.0635	1.0633	-0.0003	0.9714	0.9703	0.0011
2023-09-21T11:32:43	1	0	96	3	93	0.8822	1.0464	0.1642	0.956	0.9465	0.0095
2023-09-21T11:33:15	1	0	37	36	1	0.9632	0.9631	-0.0001	0.9813	0.981	0.0003
2023-09-21T11:35:06	6	0	57	59	-2	1.0545	1.0546	0.0000	0.991	0.991	0.0000
2023-09-21T11:36:07	6	0	7	7	0	1.0091	1.0089	-0.0002	-1	-1	0.0000
2023-09-21T11:37:06	1	0	7	8	-1	1.0473	1.0483	0.0010	0.9931	0.9932	-0.0001
2023-09-21T11:38:07	1	0	1	2	-1	0.9398	0.9423	0.0025	0.9999	1	-0.0001
2023-09-21T11:40:06	1	0	205	197	8	1.0678	1.0657	-0.0021	0.9965	0.9958	0.0007
2023-09-21T11:43:17	1	0	7	7	0	1.0015	1.0015	0.0000	0.947	0.947	0.0000
2023-09-21T11:43:22	1	0	2	2	0	1.0252	1.0249	-0.0002	0.9998	0.9998	0.0000
2023-09-21T11:44:40	2	0	19	19	0	1.0476	1.0476	0.0000	-0.9995	-0.9995	0.0000
2023-09-21T11:44:53	3	0	456	459	-3	1.0613	1.0611	-0.0001	-0.8275	-0.8289	0.0014
2023-09-21T11:45:48	1	0	1	1	0	1.0632	1.0632	0.0000	0.9988	0.9988	0.0000
2023-09-21T11:46:32	3	0	169	169	0	1.0225	1.0225	0.0000	-0.9623	-0.9622	-0.0001

2023-09-21T11:46:59	1	0	2	2	0	1.0640	1.0639	-0.0002	0.9735	0.9728	0.0007
2023-09-21T11:47:44	1	0	96	96	0	0.8916	0.8918	0.0002	0.9563	0.9476	0.0087
2023-09-21T11:48:39	1	0	33	34	-1	0.9674	0.9666	-0.0008	0.9816	0.9814	0.0002
2023-09-21T11:50:20	2	0	2	3	-1	1.0336	1.0363	0.0027	0.9807	0.9809	-0.0002
2023-09-21T11:50:26	1	0	1	1	0	1.0598	1.0585	-0.0013	0.9049	0.9043	0.0006
2023-09-21T11:51:19	1	0	2	2	0	1.0573	1.0571	-0.0002	-1	-1	0.0000
2023-09-21T11:55:11	1	0	10	10	0	1.0555	1.0553	-0.0002	0.9968	0.9965	0.0003
2023-09-21T11:57:03	1	0	4	4	0	1.0212	1.0210	-0.0002	0.9936	0.9932	0.0004
2023-09-21T11:57:56	1	0	22	21	1	1.0524	1.0521	-0.0002	0.9985	0.9985	0.0000
2023-09-21T11:58:16	1	0	1	1	0	1.0559	1.0551	-0.0008	0.9996	0.9996	0.0000
2023-09-21T11:59:41	2	0	42	42	0	1.0503	1.0503	0.0000	-0.9975	-0.9975	0.0000
2023-09-21T11:59:56	3	0	345	348	-3	1.0618	1.0618	0.0000	-0.8427	-0.8442	0.0015
2023-09-21T12:05:29	1	0	1	1	0	1.0554	1.0553	-0.0001	0.9187	0.9186	0.0001
2023-09-21T12:05:31	1	0	26	26	0	1.0520	1.0517	-0.0002	-0.999	-0.999	0.0000
2023-09-21T12:06:28	2	0	71	70	1	1.0570	1.0570	0.0000	-0.9966	-0.9966	0.0000
2023-09-21T12:10:15	1	0	13	13	0	1.0533	1.0532	-0.0001	0.9893	0.9974	-0.0081
2023-09-21T12:11:30	1	0	26	25	1	1.0482	1.0481	0.0000	0.9975	0.9974	0.0001
2023-09-21T12:12:04	3	0	6	6	0	0.9905	0.9903	-0.0001	0.99	0.9901	-0.0001
2023-09-21T12:13:19	1	0	5	5	0	1.0451	1.0451	0.0000	0.9219	0.922	-0.0001
2023-09-21T12:16:50	2	0	9	11	-2	0.9760	0.9702	-0.0058	0.9944	0.9944	0.0000
2023-09-21T12:17:48	1	0	16	16	0	0.9204	0.9207	0.0003	-0.9887	-0.9886	-0.0001
2023-09-21T12:28:48	4	0	195	202	-7	1.0588	1.0588	0.0000	0.9917	0.9901	0.0016
2023-09-21T12:29:43	2	0	32	32	0	1.0500	1.0500	0.0000	-0.9981	-0.9981	0.0000
2023-09-21T12:31:57	1	0	8	8	0	1.0510	1.0510	0.0000	-0.999	-0.999	0.0000
2023-09-21T12:36:13	6	0	5	6	-1	1.0354	1.0294	-0.0060	1	-0.9693	-0.0307
2023-09-21T12:45:01	2	0	240	241	-1	1.0597	1.0597	0.0000	-0.8513	-0.8518	0.0005
2023-09-21T12:45:46	1	0	2	2	0	0.9437	0.9437	0.0000	-1	-1	0.0000
2023-09-21T12:46:42	3	0	107	113	-6	1.0224	1.0219	-0.0004	-0.9727	-0.9689	-0.0038
2023-09-21T12:48:21	1	0	6	6	0	1.0533	1.0529	-0.0004	0.9579	0.9579	0.0000
2023-09-21T12:50:24	2	0	4	4	0	1.0431	1.0430	-0.0001	0.9809	0.981	-0.0001
2023-09-21T12:51:21	2	0	5	6	-1	1.0184	1.0248	0.0064	-0.9999	-0.9894	-0.0105
2023-09-21T12:56:02	1	0	1	1	0	1.0312	1.0304	-0.0008	-0.9522	-0.9507	-0.0015
2023-09-21T12:58:05	1	0	2	2	0	0.9529	0.9525	-0.0004	0.9923	0.9923	0.0000
2023-09-21T12:58:50	1	0	154	94	60	1.0552	1.0541	-0.0011	0.9941	0.9927	0.0014
2023-09-21T13:00:02	1	0	5	5	0	1.0483	1.0482	-0.0001	0.9974	0.9974	0.0000
2023-09-21T13:00:34	7	0	4	4	0	0.9629	0.9629	0.0000	0.9675	0.965	0.0025
2023-09-21T13:00:53	1	0	1	1	0	1.0622	1.0622	0.0000	0.9981	0.9981	0.0000
2023-09-21T13:01:32	1	0	1	1	0	1.0557	1.0555	-0.0002	0.9369	0.9365	0.0004
2023-09-21T13:15:05	1	0	240	242	-2	1.0599	1.0601	0.0001	-0.8375	-0.8381	0.0006
2023-09-21T13:25:32	1	0	149	145	4	1.0618	1.0612	-0.0006	0.9731	0.9721	0.0010
2023-09-21T13:26:04	1	0	2	1	1	1.0491	1.0352	-0.0139	-0.9533	-0.9539	0.0006
2023-09-21T13:26:39	1	0	3	4	-1	1.0596	1.0589	-0.0006	0.9813	0.9818	-0.0005
2023-09-21T13:30:10	1	0	263	262	1	1.0608	1.0606	-0.0002	-0.8354	-0.8373	0.0019
2023-09-21T13:34:40	1	0	3	3	0	0.9813	0.9828	0.0015	0.9898	0.9898	0.0000
2023-09-21T13:36:30	2	0	103	140	-37	1.0596	1.0594	-0.0003	0.9984	0.9977	0.0007
2023-09-21T13:45:14	1	0	246	244	2	1.0607	1.0605	-0.0002	-0.8295	-0.8318	0.0023
2023-09-21T13:46:51	2	0	198	199	-1	1.0495	1.0495	0.0000	-0.9484	-0.9485	0.0001
2023-09-21T13:47:52	1	0	96	96	0	0.8784	0.8792	0.0008	0.9547	0.9426	0.0121
2023-09-21T13:49:29	2	0	12	11	1	1.0488	1.0481	-0.0007	0.9553	0.9554	-0.0001
2023-09-21T13:50:28	2	0	7	9	-2	1.0498	1.0497	-0.0002	0.9776	0.9779	-0.0003
2023-09-21T13:50:52	1	0	2	2	0	1.0376	1.0370	-0.0006	0.9091	0.9088	0.0003
2023-09-21T13:51:27	2	0	4	4	0	1.0100	1.0099	-0.0002	0.9945	0.994	0.0005
2023-09-21T13:51:41	1	0	3	3	0	1.0585	1.0582	-0.0003	0.9988	0.9988	0.0000
2023-09-21T13:55:59	1	0	2	2	0	0.9589	0.9593	0.0003	0.9449	0.945	-0.0001
2023-09-21T14:02:14	1	0	2	2	0	1.0643	1.0642	-0.0001	0.9773	0.9768	0.0005
2023-09-21T14:05:29	2	0	3	3	0	1.0500	1.0499	-0.0002	0.9816	0.9817	-0.0001
2023-09-21T14:05:56	1	0	2	2	0	1.0402	1.0397	-0.0006	0.9142	0.9139	0.0003
2023-09-21T14:06:28	1	0	3	3	0	1.0131	1.0130	-0.0001	0.9943	0.9941	0.0002
2023-09-21T14:06:32	10	0	145	157	-12	1.0611	1.0603	-0.0008	0.9986	0.9985	0.0001
2023-09-21T14:06:51	1	0	2	2	0	1.0579	1.0576	-0.0003	0.9992	0.9992	0.0000
2023-09-21T14:07:21	3	0	35	34	1	1.0576	1.0575	-0.0001	-0.9903	-0.9902	-0.0001
2023-09-21T14:08:40	5	0	12	12	0	1.0293	1.0291	-0.0002	0.9991	0.9991	0.0000
2023-09-21T14:12:42	2	0	2	2	0	0.9960	0.9962	0.0002	-0.9982	-0.9993	0.0011
2023-09-21T14:12:58	3	0	4	5	-1	1.0514	1.0502	-0.0013	-0.992	-0.9918	-0.0002
2023-09-21T14:14:50	1	0	28	27	1	1.0479	1.0479	0.0001	-0.9979	-0.9979	0.0000
2023-09-21T14:15:18	1	0	328	318	10	1.0618	1.0614	-0.0003	-0.8518	-0.8546	0.0028
2023-09-21T14:16:58	1	0	5	5	0	1.0094	1.0093	-0.0001	0.9999	0.9999	0.0000
2023-09-21T14:17:17	1	0	2	2	0	1.0639	1.0637	-0.0002	0.9778	0.9768	0.0010
2023-09-21T14:19:23	1	0	36	36	0	0.9630	0.9630	0.0000	0.9799	0.9796	0.0003
2023-09-21T14:20:30	2	0	5	5	0	1.0449	1.0448	-0.0002	0.9801	0.9802	-0.0001
2023-09-21T14:21:02	1	0	1	1	0	1.0584	1.0574	-0.0010	0.9051	0.9047	0.0004
2023-09-21T14:21:29	2	0	2	2	0	1.0108	1.0103	-0.0005	0.9937	0.9931	0.0006
2023-09-21T14:21:43	11	0	167	162	5	1.0622	1.0605	-0.0017	0.9982	0.9977	0.0005
2023-09-21T14:21:58	1	0	2	2	0	1.0579	1.0576	-0.0003	0.9995	0.9995	0.0000
2023-09-21T14:22:22	2	0	24	24	0	1.0596	1.0595	-0.0001	-0.9932	-0.9932	0.0000
2023-09-21T14:23:16	1	0	1	0	1	1.0243	null	null	0.9595	0.9594	0.0001
2023-09-21T14:23:41	5	0	9	9	0	1.0280	1.0279	-0.0001	0.999	0.9991	-0.0001
2023-09-21T14:26:43	3	0	2	2	0	1.0677	1.0675	-0.0002	0.9803	0.9803	0.0000
2023-09-21T14:27:07	1	0	2	2	0	1.0774	1.0768	-0.0005	-0.9924	-0.9924	0.0000
2023-09-21T14:27:23	1	0	192	192	0	0.9121	0.9123	0.0003	0.9668	0.9668	0.0000
2023-09-21T14:27:31	1	0	6	6	0	1.0579	1.0579	0.0000	0.9932	0.9932	0.0000
2023-09-21T14:28:28	1	0	7	7	0	1.0233	1.0232	0.0000	0.9493	0.9492	0.0001
2023-09-21T14:29:10	3	0	5	6	-1	1.0359	1.0396	0.0037	1	1	0.0000
2023-09-21T14:30:21	1	0	271	269	2	1.0607	1.0604	-0.0004	-0.8341	-0.837	0.0029
2023-09-21T14:30:45	1	0	1	1	0	0.7360	0.7360	0.0000	0.9972	0.9972	0.0000

2023-09-21T14:31:59	1	0	5	5	0	1.0107	1.0107	0.0000	1	1	0.0000
2023-09-21T14:32:07	3	0	162	161	1	1.0204	1.0203	-0.0001	-0.9765	-0.9763	-0.0002
2023-09-21T14:32:21	1	0	2	2	0	1.0615	1.0614	-0.0001	0.9752	0.975	0.0002
2023-09-21T14:34:33	2	0	13	13	0	0.9890	0.9890	0.0000	0.9795	0.9791	0.0004
2023-09-21T14:34:33	1	0	1	1	0	1.0027	1.0024	-0.0003	0.9619	0.9619	0.0000
2023-09-21T14:35:06	1	0	14	13	1	0.9443	0.9446	0.0003	0.9983	0.9984	-0.0001
2023-09-21T14:35:31	2	0	2	2	0	1.0464	1.0463	-0.0001	0.9782	0.9783	-0.0001
2023-09-21T14:35:39	5	0	9	9	0	1.0501	1.0498	-0.0003	0.9884	0.9884	0.0000
2023-09-21T14:36:06	1	0	2	2	0	1.0398	1.0390	-0.0009	0.9096	0.9091	0.0005
2023-09-21T14:36:30	2	0	3	3	0	1.0170	1.0169	-0.0001	-0.9919	0.9689	0.0392
2023-09-21T14:36:55	9	0	32	32	0	1.0569	1.0548	-0.0021	0.9949	0.9938	0.0011
2023-09-21T14:37:05	1	0	1	1	0	1.0582	1.0575	-0.0007	0.9998	0.9998	0.0000
2023-09-21T14:37:21	1	0	78	78	0	0.9976	0.9976	0.0000	0.9845	0.9845	0.0000
2023-09-21T14:37:23	2	0	86	85	1	1.0611	1.0639	0.0028	-0.9891	-0.989	-0.0001
2023-09-21T14:38:42	5	0	8	8	0	1.0276	1.0275	-0.0001	0.9987	0.9988	-0.0001
2023-09-21T14:40:53	1	0	172	108	64	1.0593	1.0572	-0.0021	0.9667	0.9636	0.0031
2023-09-21T14:41:02	1	0	6	6	0	0.9482	0.9490	0.0007	0.9441	0.9444	-0.0003
2023-09-21T14:41:44	1	0	7	7	0	0.9768	0.9768	0.0000	0.9817	0.9838	-0.0021
2023-09-21T14:42:08	1	0	2	2	0	1.0777	1.0777	0.0000	-0.9844	-0.9844	0.0000
2023-09-21T14:42:43	1	0	192	192	0	0.9116	0.9116	0.0000	0.968	0.968	0.0000
2023-09-21T14:43:29	1	0	8	8	0	1.0149	1.0149	0.0000	0.9213	0.9211	0.0002
2023-09-21T14:44:11	3	0	7	7	0	1.0370	1.0364	-0.0005	1	1	0.0000
2023-09-21T14:45:24	1	0	336	330	6	1.0631	1.0628	-0.0003	-0.8464	-0.8494	0.0030
2023-09-21T14:45:46	1	0	1	1	0	0.7621	0.7621	0.0000	0.9966	0.9966	0.0000
2023-09-21T14:46:52	1	0	98	93	5	1.0636	1.0636	0.0000	-0.9929	-0.993	0.0001
2023-09-21T14:47:21	1	0	2	2	0	1.0604	1.0602	-0.0003	0.9769	0.9759	0.0010
2023-09-21T14:47:56	1	0	1	0	1	1.0556	null	null	0.957	0.9569	0.0001
2023-09-21T14:49:45	1	0	17	17	0	0.9947	0.9945	-0.0001	0.9812	0.9809	0.0003
2023-09-21T14:50:20	1	0	9	9	0	0.9568	0.9569	0.0002	0.9992	0.9992	0.0000
2023-09-21T14:50:40	1	0	9	9	0	1.0425	1.0425	0.0000	0.9887	0.9876	0.0011
2023-09-21T14:51:31	1	0	4	4	0	1.0117	1.0116	-0.0001	0.9958	0.9955	0.0003
2023-09-21T14:52:09	3	0	41	39	2	1.0578	1.0560	-0.0018	0.9939	0.993	0.0009
2023-09-21T14:53:07	3	0	1	1	0	1.0369	1.0361	-0.0008	-0.9995	-0.9996	0.0001
2023-09-21T14:55:58	2	0	220	220	0	1.0719	1.0694	-0.0025	0.9882	0.9866	0.0016
2023-09-21T14:56:45	1	0	3	3	0	1.0297	1.0296	-0.0001	0.979	0.9813	-0.0023
2023-09-21T14:57:43	1	0	198	196	2	0.9100	0.9103	0.0003	0.9652	0.9652	0.0000
2023-09-21T14:58:08	2	0	4	4	0	1.0584	1.0583	0.0000	0.993	0.993	0.0000
2023-09-21T14:58:58	3	0	175	171	4	1.0571	1.0570	-0.0001	0.9933	0.9931	0.0002
2023-09-21T14:59:12	1	0	5	4	1	1.0380	1.0378	-0.0002	0.9998	0.9994	0.0004
2023-09-21T14:59:55	1	0	6	6	0	1.0282	1.0282	0.0000	1	1	0.0000
2023-09-21T15:03:53	1	0	26	26	0	1.0527	1.0526	-0.0001	0.8427	0.8427	0.0000
2023-09-21T15:06:12	1	0	2	2	0	1.0393	1.0387	-0.0007	0.9085	0.9061	0.0024
2023-09-21T15:13:31	1	0	9	9	0	1.0029	1.0030	0.0001	0.949	0.9493	-0.0003
2023-09-21T15:14:13	1	0	2	2	0	1.0311	1.0310	-0.0002	0.9999	0.9999	0.0000
2023-09-21T15:20:53	1	0	6	6	0	1.0501	1.0500	-0.0001	0.9886	0.9886	0.0000
2023-09-21T15:22:13	1	0	36	34	2	1.0147	1.0157	0.0010	0.9934	0.9934	0.0000
2023-09-21T15:26:47	1	0	4	4	0	1.0012	1.0012	0.0000	0.9919	0.9901	0.0018
2023-09-21T15:32:03	1	0	7	7	0	0.9867	0.9868	0.0001	0.9963	0.9963	0.0000
2023-09-21T15:42:20	2	0	2	2	0	0.9951	0.9943	-0.0008	0.9982	0.997	0.0012
2023-09-21T15:44:01	5	0	333	329	4	1.0594	1.0593	-0.0001	0.9956	0.9955	0.0001
2023-09-21T15:45:20	1	0	2	2	0	0.9427	0.9432	0.0005	0.976	0.9762	-0.0002
2023-09-21T15:52:24	1	0	25	24	1	1.0463	1.0448	-0.0015	0.9942	0.9926	0.0016
2023-09-21T15:57:49	2	0	1	1	0	0.9781	0.9783	0.0002	-0.9997	-0.9997	0.0000
2023-09-21T15:59:02	2	0	316	315	1	1.0593	1.0594	0.0001	0.9951	0.9951	0.0000
2023-09-21T16:01:55	1	0	4	3	1	0.9682	0.9712	0.0030	0.9987	0.9988	-0.0001
2023-09-21T16:06:16	4	0	502	501	1	0.8581	0.8587	0.0006	0.8199	0.828	-0.0081
2023-09-21T16:22:27	1	0	1	1	0	1.0368	1.0363	-0.0005	-0.9998	-0.9998	0.0000
2023-09-21T16:26:19	1	0	1	1	0	1.0351	1.0343	-0.0008	-0.9607	-0.956	-0.0047
2023-09-21T16:28:46	3	0	2	1	1	1.0224	1.0221	-0.0003	1	1	0.0000
2023-09-21T16:49:00	1	0	60	60	0	1.0521	1.0522	0.0001	0.885	0.8855	-0.0005
2023-09-21T17:04:54	1	0	3	3	0	1.0070	1.0070	0.0001	0.9967	0.9967	0.0000
2023-09-21T17:51:05	1	0	43	43	0	0.9419	0.9421	0.0002	-1	-1	0.0000
2023-09-21T18:06:06	1	0	54	54	0	0.9417	0.9417	0.0000	-0.9999	-0.9998	-0.0001
2023-09-22T08:00:49	1	0	96	96	0	1.0567	1.0567	0.0000	-0.9037	-0.9037	0.0000
2023-09-22T08:10:18	1	0	118	117	1	1.0548	1.0547	0.0000	0.9996	0.9996	0.0000
2023-09-22T08:13:43	2	0	3	3	0	1.0318	1.0316	-0.0002	0.9999	0.9999	0.0000
2023-09-22T08:20:26	3	0	180	175	5	1.0580	1.0579	-0.0002	-0.9948	-0.9948	0.0000
2023-09-22T08:28:18	3	0	291	291	0	1.0580	1.0579	0.0000	-1	1	0.0000
2023-09-22T08:30:11	1	0	81	80	1	1.0530	1.0529	0.0000	0.9867	0.9867	0.0000
2023-09-22T08:34:51	1	0	63	63	0	0.9219	0.9221	0.0002	0.8299	0.8307	-0.0008
2023-09-22T08:35:27	3	0	215	204	11	1.0589	1.0589	0.0000	-0.9934	-0.9949	0.0015
2023-09-22T08:36:52	1	0	33	33	0	0.9374	0.9378	0.0003	0.9904	0.9909	-0.0005
2023-09-22T08:48:49	1	0	20	20	0	0.9976	0.9977	0.0001	0.9697	0.9697	0.0000
2023-09-22T09:03:50	1	0	34	33	1	1.0348	1.0347	-0.0001	0.9702	0.97	0.0002
2023-09-22T09:05:52	2	0	8	8	0	1.0104	1.0103	-0.0001	0.9681	0.968	0.0001
2023-09-22T09:10:48	1	0	3	3	0	1.0289	1.0320	0.0031	-0.9409	-0.9406	-0.0003
2023-09-22T09:13:07	2	0	10	10	0	1.0046	1.0048	0.0002	0.9636	0.9636	0.0000
2023-09-22T09:17:24	2	0	2	2	0	1.0401	1.0397	-0.0004	0.9827	0.9827	0.0000
2023-09-22T09:27:43	1	0	2	2	0	1.0179	1.0178	-0.0002	0.9847	0.9846	0.0001
2023-09-22T09:28:21	1	0	1	0	1	1.0253	null	null	0.9911	0.991	0.0001
2023-09-22T09:29:06	2	0	3	3	0	1.0345	1.0345	-0.0001	-0.9706	-0.971	0.0004
2023-09-22T09:31:34	1	0	8	8	0	1.0333	1.0333	-0.0001	0.9868	0.9865	0.0003
2023-09-22T09:33:04	1	0	26	25	1	1.0509	1.0507	-0.0002	0.8888	0.8885	0.0003
2023-09-22T09:34:08	1	0	115	115	0	1.0556	1.0556	0.0000	0.9948	0.9948	0.0000
2023-09-22T09:35:12	2	0	1	1	0	1.0239	1.0233	-0.0006	0.9354	0.935	0.0004

2023-09-22T09:39:31	2	0	204	203	1	1.0624	1.0613	-0.0011	0.9826	0.9818	0.0008
2023-09-22T09:42:36	3	0	2	2	0	1.0243	1.0235	-0.0008	1	0.9999	0.0001
2023-09-22T09:43:22	1	0	4	4	0	1.0267	1.0266	-0.0001	0.991	0.991	0.0000
2023-09-22T09:48:53	3	0	11	10	1	1.0213	1.0293	0.0080	0.9661	0.967	-0.0009
2023-09-22T09:50:51	1	0	4	4	0	1.0069	1.0068	-0.0002	-1	-1	0.0000
2023-09-22T09:50:58	1	0	4	4	0	1.0370	1.0369	-0.0001	0.9859	0.9856	0.0003
2023-09-22T09:51:59	1	0	12	12	0	0.9940	0.9939	-0.0001	0.9582	0.9578	0.0004
2023-09-22T09:53:15	4	0	14	13	1	1.0331	1.0328	-0.0003	-0.9999	-0.9999	0.0000
2023-09-22T09:55:51	1	0	1	0	1	1.0291	null	null	-0.9502	-0.9492	-0.0010
2023-09-22T09:57:17	1	0	8	8	0	0.9866	0.9867	0.0001	0.9619	0.9631	-0.0012
2023-09-22T09:57:37	1	0	2	2	0	1.0229	1.0229	0.0000	1	1	0.0000
2023-09-22T09:59:30	1	0	103	98	5	1.0566	1.0565	-0.0002	-0.8724	-0.8735	0.0011
2023-09-22T10:00:51	1	0	1	1	0	0.8598	0.8602	0.0004	0.9816	0.9817	-0.0001
2023-09-22T10:01:57	1	0	4	4	0	1.0390	1.0383	-0.0007	-0.9922	-0.9921	-0.0001
2023-09-22T10:02:17	1	0	13	12	1	0.9818	0.9805	-0.0013	0.983	0.9828	0.0002
2023-09-22T10:03:00	2	0	30	30	0	0.9433	0.9436	0.0004	0.9611	0.9611	0.0000
2023-09-22T10:04:00	1	0	10	11	-1	1.0427	1.0402	-0.0025	0.9723	0.9726	-0.0003
2023-09-22T10:04:30	1	0	13	12	1	1.0463	1.0453	-0.0010	0.9937	0.9937	0.0000
2023-09-22T10:05:05	2	0	8	8	0	1.0344	1.0344	-0.0001	0.9811	0.981	0.0001
2023-09-22T10:05:52	1	0	4	4	0	1.0063	1.0063	0.0000	-0.9994	-0.9995	0.0001
2023-09-22T10:05:53	1	0	4	4	0	1.0413	1.0411	-0.0002	-0.998	-0.998	0.0000
2023-09-22T10:05:56	1	0	6	6	0	1.0061	1.0059	-0.0002	0.9675	0.9674	0.0001
2023-09-22T10:05:59	1	0	5	5	0	1.0405	1.0404	-0.0001	0.9778	0.9771	0.0007
2023-09-22T10:06:39	1	0	4	4	0	1.0505	1.0502	-0.0003	-0.9972	-0.9972	0.0000
2023-09-22T10:06:58	1	0	14	11	3	0.9385	0.9381	-0.0004	-0.9996	-0.9994	-0.0002
2023-09-22T10:09:33	2	0	205	205	0	1.0671	1.0655	-0.0016	0.9664	0.9648	0.0016
2023-09-22T10:09:53	2	0	3	3	0	1.0438	1.0429	-0.0009	0.9896	0.9895	0.0001
2023-09-22T10:10:03	1	0	6	6	0	1.0208	1.0207	-0.0001	-1	1	0.0000
2023-09-22T10:10:16	1	0	3	3	0	0.8735	0.8736	0.0001	0.9693	0.9697	-0.0004
2023-09-22T10:10:26	1	0	52	44	8	1.0547	1.0545	-0.0002	0.998	0.9979	0.0001
2023-09-22T10:11:48	1	0	1	1	0	1.0558	1.0554	-0.0004	0.9966	0.9979	-0.0013
2023-09-22T10:11:49	1	0	14	14	0	1.0494	1.0493	-0.0001	-0.9935	-0.9935	0.0000
2023-09-22T10:12:18	1	0	7	7	0	0.9866	0.9866	0.0000	0.9666	0.9677	-0.0011
2023-09-22T10:12:38	3	0	2	1	1	1.0258	1.0246	-0.0012	-1	-1	0.0000
2023-09-22T10:12:48	1	0	1	1	0	1.0111	1.0105	-0.0006	0.9845	0.9843	0.0002
2023-09-22T10:13:24	1	0	2	2	0	1.0294	1.0289	-0.0005	0.9891	0.989	0.0001
2023-09-22T10:13:25	1	0	22	22	0	1.0484	1.0483	-0.0001	0.9994	0.9994	0.0000
2023-09-22T10:13:47	1	0	20	20	0	1.0438	1.0438	0.0000	0.958	0.9577	0.0003
2023-09-22T10:14:11	2	0	3	3	0	1.0443	1.0441	-0.0003	0.9998	0.9997	0.0001
2023-09-22T10:14:33	1	0	118	112	6	1.0576	1.0571	-0.0005	-0.8484	-0.8511	0.0027
2023-09-22T10:15:36	2	0	87	85	2	0.9390	0.9393	0.0004	0.9939	0.9939	0.0000
2023-09-22T10:16:37	2	0	6	6	0	1.0273	1.0271	-0.0002	0.9799	0.9796	0.0003
2023-09-22T10:16:58	1	0	3	3	0	1.0364	1.0359	-0.0005	-0.994	-0.9941	0.0001
2023-09-22T10:17:28	2	0	5	5	0	1.0276	1.0272	-0.0003	0.9703	0.9701	0.0002
2023-09-22T10:19:43	1	0	14	14	0	1.0508	1.0505	-0.0003	0.9934	0.9934	0.0000
2023-09-22T10:20:15	2	0	1	1	0	1.0293	1.0285	-0.0008	0.9368	0.9362	0.0006
2023-09-22T10:20:30	1	0	14	13	1	1.0455	1.0447	-0.0008	1	1	0.0000
2023-09-22T10:20:34	10	0	31	21	10	1.0514	1.0501	-0.0013	-0.9995	-0.9997	0.0002
2023-09-22T10:20:53	4	0	4	4	0	1.0058	1.0053	-0.0006	1	0.9999	0.0001
2023-09-22T10:20:54	1	0	3	3	0	1.0398	1.0397	-0.0001	-0.9986	-0.9986	0.0000
2023-09-22T10:20:57	1	0	6	6	0	1.0095	1.0094	-0.0001	0.9676	0.9676	0.0000
2023-09-22T10:22:01	1	0	24	23	1	0.9647	0.9593	-0.0053	0.9749	0.9749	0.0000
2023-09-22T10:22:52	1	0	3	3	0	1.0504	1.0503	0.0000	0.9982	0.9981	0.0001
2023-09-22T10:23:17	4	0	13	11	2	1.0323	1.0317	-0.0006	-1	-1	0.0000
2023-09-22T10:25:53	2	0	1	0	1	1.0268	null	null	-0.9614	-0.9617	0.0003
2023-09-22T10:25:59	1	0	128	128	0	0.8890	0.8893	0.0003	0.9837	0.9838	-0.0001
2023-09-22T10:28:13	2	0	6	7	-1	0.9991	0.9921	-0.0070	0.9409	0.941	-0.0001
2023-09-22T10:33:55	2	0	10	10	0	0.9395	0.9398	0.0003	-0.9998	-1	0.0002
2023-09-22T10:34:02	1	0	20	20	0	1.0449	1.0448	-0.0001	0.9781	0.978	0.0001
2023-09-22T10:35:16	1	0	43	42	1	0.9229	0.9230	0.0001	0.8855	0.8857	-0.0002
2023-09-22T10:35:43	2	0	1	1	0	1.0580	1.0571	-0.0009	-1	-1	0.0000
2023-09-22T10:39:36	1	0	7	7	0	1.0279	1.0278	-0.0001	0.9708	0.9704	0.0004
2023-09-22T10:39:55	1	0	4	4	0	1.0397	1.0396	-0.0001	0.9955	0.9967	-0.0012
2023-09-22T10:41:50	1	0	2	2	0	1.0576	1.0574	-0.0002	0.9967	0.9966	0.0001
2023-09-22T10:41:50	2	0	3	3	0	0.9698	0.9692	-0.0006	0.9931	0.9914	0.0017
2023-09-22T10:43:13	2	0	48	47	1	1.0520	1.0519	-0.0001	0.9894	0.9894	0.0000
2023-09-22T10:43:14	2	0	10	10	0	0.9983	0.9983	0.0000	0.9391	0.9391	0.0000
2023-09-22T10:43:27	2	0	79	69	10	1.0533	1.0536	0.0003	-0.9982	-0.9988	0.0006
2023-09-22T10:43:53	2	0	1	0	1	1.0348	null	null	0.9994	0.9993	0.0001
2023-09-22T10:44:35	1	0	6	6	0	1.0474	1.0473	-0.0001	-0.9977	-0.9977	0.0000
2023-09-22T10:44:42	1	0	1	1	0	0.9291	0.9291	0.0000	0.9998	0.9998	0.0000
2023-09-22T10:45:38	1	0	99	94	5	0.9412	0.9420	0.0008	0.9926	0.9927	-0.0001
2023-09-22T10:47:00	1	0	3	3	0	1.0322	1.0321	-0.0002	-0.9911	-0.9912	0.0001
2023-09-22T10:48:56	3	0	45	43	2	0.9330	0.9330	0.0000	0.9999	0.9999	0.0000
2023-09-22T10:49:03	1	0	23	19	4	1.0120	1.0167	0.0047	0.9686	0.9679	0.0007
2023-09-22T10:49:56	1	0	12	11	1	1.0489	1.0502	0.0012	0.9932	0.9932	0.0000
2023-09-22T10:50:36	1	0	35	34	1	1.0535	1.0521	-0.0014	-0.9989	-0.999	0.0001
2023-09-22T10:50:55	1	0	9	9	0	1.0063	1.0061	-0.0002	0.9973	-0.9999	-0.0028
2023-09-22T10:53:41	3	0	2	2	0	0.9578	0.9589	0.0010	0.9847	0.9851	-0.0004
2023-09-22T10:55:06	1	0	6	6	0	1.0245	1.0245	0.0000	0.9999	0.9999	0.0000
2023-09-22T10:57:21	1	0	4	4	0	0.9697	0.9697	0.0000	0.9553	0.9553	0.0000
2023-09-22T10:58:28	3	0	76	65	11	1.0531	1.0535	0.0003	-0.9981	-0.9987	0.0006
2023-09-22T10:58:52	1	0	16	16	0	1.0434	1.0434	0.0000	0.9584	0.9582	0.0002
2023-09-22T10:59:42	1	0	76	73	3	1.0560	1.0558	-0.0003	-0.8474	-0.8493	0.0019
2023-09-22T11:01:01	2	0	26	26	0	1.0571	1.0571	0.0000	-0.9625	-0.963	0.0005

2023-09-22T11:02:21	2	0	25	25	0	0.9619	0.9619	0.0000	0.9776	0.9773	0.0003
2023-09-22T11:02:37	1	0	2	2	0	1.0347	1.0339	-0.0009	0.9504	0.9501	0.0003
2023-09-22T11:03:57	3	0	32	30	2	0.9375	0.9375	0.0000	-0.9995	-0.9995	0.0000
2023-09-22T11:04:04	2	0	24	24	0	0.9940	0.9942	0.0001	0.9707	0.9714	-0.0007
2023-09-22T11:04:21	2	0	19	18	1	1.0460	1.0455	-0.0005	0.9534	0.9535	-0.0001
2023-09-22T11:05:14	1	0	13	13	0	1.0532	1.0528	-0.0004	0.9931	0.993	0.0001
2023-09-22T11:05:37	1	0	33	30	3	1.0557	1.0537	-0.0020	-0.9995	-0.9997	0.0002
2023-09-22T11:05:57	1	0	4	4	0	1.0368	1.0367	-0.0001	-0.9985	-0.9985	0.0000
2023-09-22T11:07:55	1	0	4	4	0	1.0560	1.0558	-0.0002	0.9974	0.9974	0.0000
2023-09-22T11:10:56	2	0	1	1	0	1.0345	1.0338	-0.0007	-0.9594	-0.9595	0.0001
2023-09-22T11:11:52	1	0	2	2	0	0.9967	0.9962	-0.0005	0.9951	0.995	0.0001
2023-09-22T11:16:08	1	0	47	46	1	1.0574	1.0575	0.0001	-0.9487	-0.9491	0.0004
2023-09-22T11:16:15	2	0	5	5	0	1.0393	1.0389	-0.0004	-0.9998	-0.9999	0.0001
2023-09-22T11:16:36	2	0	2	2	0	1.0440	1.0434	-0.0006	0.9844	0.9842	0.0002
2023-09-22T11:16:41	2	0	11	10	1	1.0354	1.0354	0.0000	0.9779	0.9773	0.0006
2023-09-22T11:19:22	3	0	42	39	3	1.0472	1.0465	-0.0006	0.9546	0.9541	0.0005
2023-09-22T11:20:38	1	0	29	27	2	1.0548	1.0532	-0.0016	-0.9992	-0.9993	0.0001
2023-09-22T11:21:04	2	0	11	11	0	1.0435	1.0434	-0.0001	0.9967	0.9963	0.0004
2023-09-22T11:21:44	1	0	5	5	0	1.0541	1.0539	-0.0002	-0.999	-0.999	0.0000
2023-09-22T11:24:39	2	0	15	15	0	1.0338	1.0337	-0.0001	0.9626	0.9625	0.0001
2023-09-22T11:25:39	1	0	103	99	4	1.0538	1.0536	-0.0001	1	1	0.0000
2023-09-22T11:28:08	3	0	18	17	1	1.0534	1.0537	0.0003	0.9977	0.9977	0.0000
2023-09-22T11:28:56	1	0	1	1	0	1.0569	1.0561	-0.0008	0.9976	0.9975	0.0001
2023-09-22T11:29:45	1	0	1	1	0	0.9232	0.9232	0.0000	0.9997	0.9997	0.0000
2023-09-22T11:30:20	1	0	6	6	0	1.0469	1.0468	-0.0001	-0.9991	-0.9992	0.0001
2023-09-22T11:31:28	1	0	23	22	1	1.0531	1.0531	0.0000	0.9485	0.9486	-0.0001
2023-09-22T11:32:33	6	0	4	5	-1	1.0292	1.0310	0.0018	0.9668	0.9664	0.0004
2023-09-22T11:33:06	2	0	11	11	0	1.0039	0.9935	-0.0104	0.9778	0.9778	0.0000
2023-09-22T11:33:18	2	0	8	7	1	1.0510	1.0495	-0.0015	0.9605	0.9599	0.0006
2023-09-22T11:33:59	6	0	4	4	0	1.0020	1.0019	-0.0001	-0.9997	-0.9997	0.0000
2023-09-22T11:35:35	1	0	1	1	0	1.0563	1.0559	-0.0004	0.9184	0.9182	0.0002
2023-09-22T11:35:37	6	0	24	17	7	1.0539	1.0535	-0.0005	0.9927	0.9926	0.0001
2023-09-22T11:35:39	13	0	34	32	2	1.0542	1.0527	-0.0015	-0.9999	-0.9999	0.0000
2023-09-22T11:40:37	1	0	4	4	0	0.9414	0.9414	0.0001	0.9758	0.9759	-0.0001
2023-09-22T11:42:33	4	0	2	2	0	0.9893	0.9897	0.0004	-0.9978	-0.9976	-0.0002
2023-09-22T11:43:57	3	0	5	5	0	1.0484	1.0477	-0.0007	0.9996	0.9989	0.0007
2023-09-22T11:44:52	1	0	108	105	3	1.0577	1.0576	-0.0002	-0.8588	-0.8605	0.0017
2023-09-22T11:46:16	1	0	19	19	0	1.0556	1.0556	0.0000	-0.9795	-0.9787	-0.0008
2023-09-22T11:50:36	1	0	27	26	1	1.0010	0.9988	-0.0022	1	0.9972	0.0028
2023-09-22T11:50:40	13	0	38	38	0	1.0561	1.0549	-0.0012	-0.9998	-0.9999	0.0001
2023-09-22T11:50:48	3	0	3	3	0	1.0589	1.0586	-0.0003	-1	1	0.0000
2023-09-22T11:50:49	7	0	43	41	2	1.0558	1.0558	0.0000	0.9915	0.9915	0.0000
2023-09-22T11:50:59	7	0	3	4	-1	1.0303	1.0372	0.0069	-0.9982	0.9999	0.0019
2023-09-22T11:51:06	3	0	21	19	2	1.0473	1.0463	-0.0010	0.7365	0.7389	-0.0024
2023-09-22T11:58:58	3	0	6	7	-1	1.0382	1.0405	0.0023	1	1	0.0000
2023-09-22T11:59:47	1	0	1	1	0	0.9304	0.9304	0.0000	0.9995	0.9995	0.0000
2023-09-22T11:59:55	1	0	95	94	1	1.0573	1.0573	0.0000	-0.8699	-0.8691	-0.0008
2023-09-22T12:06:00	6	0	11	10	1	1.0209	1.0178	-0.0032	-0.9992	-0.9923	-0.0069
2023-09-22T12:10:50	1	0	25	24	1	1.0503	1.0501	-0.0002	0.9979	0.9979	0.0000
2023-09-22T12:13:19	2	0	151	150	1	1.0571	1.0571	-0.0001	0.991	0.9909	0.0001
2023-09-22T12:14:57	1	0	1	1	0	1.0568	1.0563	-0.0005	0.997	0.9949	0.0021
2023-09-22T12:15:33	1	0	15	14	1	1.0499	1.0492	-0.0007	0.9598	0.9597	0.0001
2023-09-22T12:17:36	5	0	5	6	-1	1.0384	1.0411	0.0028	0.9722	0.9728	-0.0006
2023-09-22T12:17:43	1	0	21	20	1	1.0529	1.0528	-0.0001	0.9523	0.9523	0.0000
2023-09-22T12:20:49	10	0	54	60	-6	1.0581	1.0571	-0.0010	-1	-1	0.0000
2023-09-22T12:24:31	1	0	1	0	1	1.0574	null	null	0.9823	0.9823	0.0000
2023-09-22T12:25:01	1	0	3	3	0	1.0573	1.0564	-0.0009	-0.9882	-0.9882	0.0000
2023-09-22T12:34:03	3	0	57	58	-1	0.9261	0.9262	0.0001	0.9868	0.987	-0.0002
2023-09-22T12:35:56	1	0	3	3	0	1.0606	1.0605	-0.0001	-0.9999	-0.9999	0.0000
2023-09-22T12:36:03	2	0	6	6	0	1.0141	1.0139	-0.0002	-0.9965	0.9988	0.0047
2023-09-22T12:45:02	1	0	83	81	2	1.0570	1.0571	0.0000	-0.8695	-0.8704	0.0009
2023-09-22T12:50:52	2	0	2	1	1	1.0559	1.0557	-0.0002	0.993	0.993	0.0000
2023-09-22T13:00:32	6	0	2	2	0	1.0588	1.0588	0.0000	0.9449	0.9449	0.0000
2023-09-22T13:15:05	1	0	107	107	0	1.0574	1.0574	0.0000	-0.8479	-0.8491	0.0012
2023-09-22T13:16:35	1	0	28	27	1	1.0570	1.0570	0.0000	0.9368	0.937	-0.0002
2023-09-22T13:18:25	2	0	7	8	-1	1.0543	1.0548	0.0005	0.9633	0.9637	-0.0004
2023-09-22T13:21:01	1	0	34	31	3	1.0557	1.0540	-0.0016	-1	-1	0.0000
2023-09-22T13:28:22	1	0	1	2	-1	1.0455	1.0453	-0.0002	0.9937	0.9938	-0.0001
2023-09-22T13:30:06	1	0	72	72	0	1.0561	1.0560	-0.0001	-0.8579	-0.8595	0.0016
2023-09-22T13:31:36	1	0	37	37	0	1.0575	1.0575	0.0000	0.9315	0.9315	0.0000
2023-09-22T13:36:02	1	0	51	45	6	1.0581	1.0558	-0.0023	-0.9998	-0.9999	0.0001
2023-09-22T13:36:07	1	0	9	9	0	1.0119	1.0117	-0.0001	-1	-0.9947	-0.0053
2023-09-22T13:45:07	1	0	90	90	0	1.0568	1.0566	-0.0002	-0.857	-0.857	0.0000
2023-09-22T13:51:03	1	0	34	33	1	1.0570	1.0549	-0.0021	-0.9999	-1	0.0001
2023-09-22T13:59:48	1	0	8	8	0	1.0051	1.0051	-0.0001	0.9952	0.9951	0.0001
2023-09-22T14:01:49	1	0	3	3	0	1.0590	1.0587	-0.0003	-1	-1	0.0000
2023-09-22T14:03:20	3	0	11	10	1	1.0241	1.0206	-0.0035	0.9604	0.9605	-0.0001
2023-09-22T14:06:04	9	0	46	41	5	1.0581	1.0558	-0.0023	-0.9994	-0.9997	0.0003
2023-09-22T14:06:10	6	0	7	8	-1	1.0162	1.0215	0.0053	0.9915	-0.9937	-0.0148
2023-09-22T14:06:12	3	0	1	0	1	1.0560	null	null	0.9988	0.9985	0.0003
2023-09-22T14:06:14	2	0	1	1	0	1.0432	1.0431	-0.0001	-0.9997	-0.9997	0.0000
2023-09-22T14:06:20	1	0	11	11	0	1.0474	1.0474	0.0000	-0.9983	-0.9984	0.0001
2023-09-22T14:08:25	2	0	6	6	0	1.0487	1.0485	-0.0002	-0.9992	-0.9993	0.0001
2023-09-22T14:13:40	1	0	1	1	0	1.0289	1.0289	0.0000	0.984	0.9845	-0.0005
2023-09-22T14:13:41	3	0	264	266	-2	1.0570	1.0570	0.0000	1	1	0.0000

2023-09-22T14:14:15	3	0	6	6	0	1.0414	1.0407	-0.0007	0.9999	0.9999	0.0000
2023-09-22T14:15:57	1	0	20	20	0	1.0476	1.0475	0.0000	-0.9997	-0.9997	0.0000
2023-09-22T14:16:53	3	0	8	8	0	1.0391	1.0390	-0.0001	0.9797	0.9795	0.0002
2023-09-22T14:16:57	2	0	2	2	0	1.0602	1.0601	-0.0002	1	1	0.0000
2023-09-22T14:17:34	4	0	39	40	-1	0.9651	0.9649	-0.0002	0.9772	0.9771	0.0001
2023-09-22T14:20:51	2	0	5	5	0	0.9754	0.9753	-0.0001	0.9608	0.9614	-0.0006
2023-09-22T14:21:11	4	0	9	9	0	1.0278	1.0275	-0.0003	0.9956	-0.9763	-0.0281
2023-09-22T14:21:14	9	0	35	32	3	1.0495	1.0463	-0.0031	-0.9998	1	0.0002
2023-09-22T14:21:15	1	0	1	1	0	1.0418	1.0414	-0.0004	-0.9996	-0.9996	0.0000
2023-09-22T14:21:19	4	0	14	14	0	1.0534	1.0530	-0.0003	0.9922	0.9922	0.0000
2023-09-22T14:21:21	4	0	13	13	0	1.0422	1.0421	0.0000	-0.9976	-0.9978	0.0002
2023-09-22T14:22:06	2	0	4	4	0	1.0529	1.0528	-0.0002	0.999	0.9989	0.0001
2023-09-22T14:22:24	1	0	45	45	0	0.9808	0.9808	0.0000	0.9748	0.9748	0.0000
2023-09-22T14:23:26	2	0	9	9	0	1.0488	1.0487	0.0000	-0.9997	-0.9997	0.0000
2023-09-22T14:27:44	4	0	2	2	0	0.9876	0.9878	0.0002	-0.9974	-0.9973	-0.0001
2023-09-22T14:28:29	5	0	21	17	4	0.9807	0.9808	0.0001	0.9328	0.9329	-0.0001
2023-09-22T14:28:49	6	0	365	356	9	1.0582	1.0580	-0.0002	-1	1	0.0000
2023-09-22T14:29:16	3	0	6	6	0	1.0395	1.0393	-0.0002	0.9999	0.9997	0.0002
2023-09-22T14:29:50	1	0	7	7	0	1.0041	1.0040	0.0000	0.9941	0.994	0.0001
2023-09-22T14:29:57	1	0	1	1	0	0.7520	0.7521	0.0001	0.9969	0.9969	0.0000
2023-09-22T14:31:11	1	0	23	23	0	1.0474	1.0474	0.0000	-0.9987	-0.9987	0.0000
2023-09-22T14:31:27	1	0	75	74	1	1.0089	1.0131	0.0041	-0.9368	-0.9317	-0.0051
2023-09-22T14:31:40	4	0	31	29	2	1.0560	1.0559	-0.0002	0.9349	0.9317	0.0032
2023-09-22T14:31:54	2	0	10	10	0	1.0350	1.0349	-0.0001	0.9812	0.9808	0.0004
2023-09-22T14:31:57	1	0	1	1	0	1.0648	1.0646	-0.0002	-1	-1	0.0000
2023-09-22T14:32:35	4	0	63	62	1	0.9555	0.9556	0.0000	0.9803	0.9801	0.0002
2023-09-22T14:33:22	1	0	7	7	0	1.0123	1.0123	0.0000	0.9597	0.9597	0.0000
2023-09-22T14:35:47	1	0	19	18	1	1.0511	1.0508	-0.0003	0.9982	0.9982	0.0000
2023-09-22T14:35:52	2	0	5	5	0	0.9729	0.9730	0.0001	0.9635	0.9639	-0.0004
2023-09-22T14:36:12	2	0	1	1	0	1.0130	1.0123	-0.0007	0.9945	0.9808	0.0137
2023-09-22T14:36:16	1	0	1	1	0	1.0399	1.0398	-0.0001	-0.9999	-0.9998	-0.0001
2023-09-22T14:36:22	3	0	13	13	0	1.0420	1.0420	-0.0001	-0.9987	-0.9989	0.0002
2023-09-22T14:36:26	11	0	34	30	4	1.0541	1.0517	-0.0024	-0.9998	-1	0.0002
2023-09-22T14:36:31	6	0	16	16	0	1.0495	1.0492	-0.0003	0.9929	0.9927	0.0002
2023-09-22T14:37:25	1	0	34	34	0	0.9983	0.9983	0.0000	0.9752	0.9753	-0.0001
2023-09-22T14:37:42	2	0	22	21	1	1.0476	1.0474	-0.0002	-0.9887	-0.9889	0.0002
2023-09-22T14:39:51	1	0	23	7	16	1.0578	1.0538	-0.0040	0.9698	0.9393	0.0305
2023-09-22T14:40:50	1	0	9	9	0	1.0489	1.0489	0.0000	0.9818	0.9817	0.0001
2023-09-22T14:42:45	4	0	2	2	0	0.9848	0.9848	0.0000	-0.9972	-0.9972	0.0000
2023-09-22T14:43:30	2	0	10	10	0	1.0081	1.0081	0.0000	0.9333	0.9333	0.0000
2023-09-22T14:44:17	3	0	7	7	0	1.0429	1.0421	-0.0008	-0.9998	-0.9999	0.0001
2023-09-22T14:44:51	1	0	7	7	0	1.0046	1.0047	0.0000	0.9955	0.9954	0.0001
2023-09-22T14:44:58	1	0	1	1	0	0.7472	0.7472	0.0000	0.9944	0.9943	0.0001
2023-09-22T14:46:55	3	0	8	8	0	1.0324	1.0323	-0.0001	0.9808	0.9803	0.0005
2023-09-22T14:47:59	4	0	10	10	0	1.0292	1.0291	-0.0001	0.9708	0.9706	0.0002
2023-09-22T14:48:23	3	0	33	31	2	0.9705	0.9651	-0.0054	0.9424	0.9424	0.0000
2023-09-22T14:50:48	1	0	5	5	0	1.0203	1.0202	0.0000	0.9181	0.918	0.0001
2023-09-22T14:51:23	1	0	16	16	0	1.0436	1.0436	0.0000	-1	-1	0.0000
2023-09-22T14:51:26	1	0	28	27	1	1.0453	1.0436	-0.0016	1	1	0.0000
2023-09-22T14:51:43	1	0	14	14	0	1.0488	1.0486	-0.0002	0.9919	0.9918	0.0001
2023-09-22T14:53:07	2	0	1	1	0	1.0435	1.0427	-0.0008	-0.9961	-0.9964	0.0003
2023-09-22T14:53:28	1	0	23	21	2	1.0483	1.0485	0.0002	-0.9973	-0.9974	0.0001
2023-09-22T14:55:21	1	0	5	4	1	1.0304	1.0219	-0.0084	0.996	0.9959	0.0001
2023-09-22T14:58:31	2	0	11	11	0	1.0288	1.0287	-0.0001	0.9365	0.9362	0.0003
2023-09-22T14:58:51	9	0	823	806	17	1.0623	1.0622	-0.0001	-0.9997	-0.9994	-0.0003
2023-09-22T15:00:09	1	0	7	7	0	1.0530	1.0530	0.0000	0.995	0.9949	0.0001
2023-09-22T15:01:56	1	0	10	10	0	1.0352	1.0351	0.0000	0.9832	0.9828	0.0004
2023-09-22T15:03:32	1	0	5	5	0	1.0517	1.0516	-0.0001	0.9614	0.961	0.0004
2023-09-22T15:05:49	1	0	26	25	1	1.0538	1.0536	-0.0001	0.9991	0.9991	0.0000
2023-09-22T15:06:14	2	0	3	3	0	1.0141	1.0140	-0.0001	0.9968	0.9966	0.0002
2023-09-22T15:06:27	1	0	35	34	1	1.0542	1.0528	-0.0013	-0.9998	-0.9998	0.0000
2023-09-22T15:08:27	2	0	36	35	1	1.0381	1.0376	-0.0005	0.9125	0.9393	-0.0268
2023-09-22T15:08:29	2	0	39	38	1	1.0519	1.0518	-0.0001	-0.9984	-0.9984	0.0000
2023-09-22T15:09:05	1	0	364	362	2	1.0570	1.0570	0.0000	0.9673	0.9673	0.0000
2023-09-22T15:09:42	2	0	2	2	0	1.0569	1.0565	-0.0004	0.9852	0.9851	0.0001
2023-09-22T15:10:22	1	0	3	3	0	1.0359	1.0359	0.0000	0.9968	0.9957	0.0011
2023-09-22T15:13:29	1	0	22	22	0	1.0524	1.0523	-0.0001	0.998	0.998	0.0000
2023-09-22T15:13:44	1	0	3	3	0	1.0276	1.0276	0.0000	0.9833	0.9833	0.0000
2023-09-22T15:21:19	1	0	2	2	0	1.0334	1.0334	-0.0001	-0.9998	-0.9998	0.0000
2023-09-22T15:28:33	1	0	16	15	1	1.0419	1.0422	0.0003	0.9611	0.961	0.0001
2023-09-22T15:34:18	6	0	21	21	0	0.9456	0.9455	-0.0001	0.9863	0.986	0.0003
2023-09-22T15:36:29	1	0	27	26	1	1.0438	1.0424	-0.0014	-1	-1	0.0000
2023-09-22T15:38:38	1	0	10	10	0	1.0308	1.0307	-0.0001	0.9999	0.9999	0.0000
2023-09-22T15:43:34	1	0	19	19	0	1.0406	1.0406	-0.0001	0.9621	0.9619	0.0002
2023-09-22T15:44:03	1	0	582	578	4	1.0611	1.0611	0.0000	1	1	0.0000
2023-09-22T15:47:31	1	0	1	0	1	1.0281	null	null	0.9866	0.9865	0.0001
2023-09-22T15:50:52	5	0	48	46	2	1.0548	1.0547	-0.0001	0.9993	0.9992	0.0001
2023-09-22T15:51:21	1	0	3	3	0	1.0366	1.0365	0.0000	-0.9997	-0.9997	0.0000
2023-09-22T16:05:53	5	0	52	50	2	1.0542	1.0541	0.0000	0.9992	0.9991	0.0001
2023-09-22T16:06:18	1	0	4	4	0	1.0096	1.0096	-0.0001	0.9952	0.995	0.0002
2023-09-22T16:10:26	1	0	7	7	0	0.9513	0.9517	0.0004	0.9947	0.9949	-0.0002
2023-09-22T16:28:18	1	0	5	5	0	1.0233	1.0233	0.0000	0.9842	0.9842	0.0000
2023-09-22T16:33:22	2	0	11	11	0	1.0322	1.0321	-0.0001	0.9737	0.9756	-0.0019
2023-09-22T16:35:55	4	0	93	84	9	1.0547	1.0547	0.0000	0.9991	0.999	0.0001
2023-09-22T16:51:01	1	0	8	8	0	0.9951	0.9950	-0.0001	0.9667	0.9666	0.0001

2023-09-22T17:01:03	1	0	6	6	0	1.0124	1.0124	0.0000	0.9847	0.9846	0.0001
2023-09-22T17:32:25	1	0	68	68	0	0.9205	0.9207	0.0002	0.9641	0.9642	-0.0001
2023-09-23T07:48:49	1	0	169	169	0	1.0582	1.0582	0.0000	0.9717	0.9717	0.0000
2023-09-23T07:50:26	1	0	13	12	1	0.9430	0.9429	-0.0001	0.9995	0.9995	0.0000
2023-09-23T08:05:24	1	0	125	124	1	1.0547	1.0546	0.0000	-0.9993	-0.9992	-0.0001
2023-09-23T08:10:19	1	0	86	85	1	1.0557	1.0557	0.0000	0.9999	0.9999	0.0000
2023-09-23T08:18:36	1	0	40	39	1	0.9512	0.9513	0.0001	0.9626	0.9622	0.0004
2023-09-23T08:20:19	1	0	27	26	1	1.0528	1.0527	-0.0001	0.9997	0.9997	0.0000
2023-09-23T08:23:18	1	0	122	119	3	1.0607	1.0606	0.0000	-0.9855	-0.9856	0.0001
2023-09-23T08:30:54	1	0	85	85	0	1.0495	1.0495	0.0000	-0.8383	-0.8456	0.0073
2023-09-23T08:54:44	2	0	2	2	0	1.0401	1.0401	-0.0001	-0.969	-0.969	0.0000
2023-09-23T08:55:47	1	0	2	2	0	1.0313	1.0311	-0.0002	-0.9364	-0.936	-0.0004
2023-09-23T09:03:39	1	0	29	28	1	0.9498	0.9457	-0.0040	0.9661	0.9661	0.0000
2023-09-23T09:05:54	2	0	8	8	0	1.0080	1.0079	-0.0001	0.9752	0.9752	0.0000
2023-09-23T09:09:30	2	0	2	2	0	1.0475	1.0469	-0.0006	0.9985	0.9984	0.0001
2023-09-23T09:18:28	1	0	3	3	0	1.0101	1.0100	-0.0001	0.9923	0.9922	0.0001
2023-09-23T09:20:29	1	0	144	144	0	1.0577	1.0576	-0.0001	0.9987	0.9987	0.0000
2023-09-23T09:20:34	1	0	35	35	0	1.0483	1.0483	0.0000	-0.992	-0.992	0.0000
2023-09-23T09:25:41	1	0	126	126	0	0.8910	0.8912	0.0002	0.9911	0.9911	0.0000
2023-09-23T09:26:20	1	0	334	333	1	1.0805	1.0805	0.0000	-0.996	-0.9961	0.0001
2023-09-23T09:27:46	1	0	2	2	0	1.0118	1.0115	-0.0003	0.985	0.985	0.0000
2023-09-23T09:29:08	2	0	2	2	0	1.0339	1.0336	-0.0003	-0.9769	-0.9771	0.0002
2023-09-23T09:29:55	1	0	1	1	0	0.9436	0.9440	0.0004	0.97	0.9701	-0.0001
2023-09-23T09:31:57	1	0	2	2	0	1.0410	1.0406	-0.0004	-0.9845	-0.9841	-0.0004
2023-09-23T09:33:02	1	0	12	12	0	1.0456	1.0455	-0.0002	0.9494	0.9492	0.0002
2023-09-23T09:33:29	1	0	3	3	0	0.9913	0.9915	0.0002	0.9916	0.9916	0.0000
2023-09-23T09:34:05	1	0	7	7	0	1.0352	1.0350	-0.0002	-0.9991	-0.9991	0.0000
2023-09-23T09:35:13	2	0	2	2	0	1.0330	1.0325	-0.0006	0.9761	0.9758	0.0003
2023-09-23T09:35:35	3	0	20	20	0	1.0507	1.0502	-0.0004	-0.9936	-0.995	0.0014
2023-09-23T09:42:37	3	0	2	2	0	1.0252	1.0243	-0.0008	-0.9928	-0.9929	0.0001
2023-09-23T09:45:50	1	0	1	1	0	0.8322	0.8325	0.0003	0.9993	0.9993	0.0000
2023-09-23T09:45:59	1	0	50	50	0	1.0470	1.0470	0.0000	-0.852	-0.8511	-0.0009
2023-09-23T09:47:12	1	0	8	8	0	1.0108	1.0108	-0.0001	0.9975	0.9975	0.0000
2023-09-23T09:50:31	2	0	83	81	2	1.0552	1.0551	-0.0001	0.9974	0.9974	0.0000
2023-09-23T09:50:59	1	0	4	4	0	1.0357	1.0356	-0.0001	-0.9985	-0.9985	0.0000
2023-09-23T09:55:42	1	0	4	4	0	1.0357	1.0355	-0.0002	0.9966	0.9966	0.0000
2023-09-23T09:55:51	1	0	1	1	0	1.0259	1.0255	-0.0004	-0.9642	-0.9639	-0.0003
2023-09-23T09:57:27	2	0	2	2	0	0.9862	0.9863	0.0001	-0.9884	-0.9882	-0.0002
2023-09-23T09:59:27	1	0	68	68	0	1.0539	1.0536	-0.0002	-0.8941	-0.895	0.0009
2023-09-23T10:00:34	1	0	49	49	0	1.0521	1.0521	0.0000	0.9967	0.9967	0.0000
2023-09-23T10:00:51	1	0	1	1	0	0.8324	0.8324	0.0000	0.999	0.999	0.0000
2023-09-23T10:02:13	1	0	6	6	0	1.0113	1.0112	-0.0001	0.9966	0.9967	-0.0001
2023-09-23T10:03:04	1	0	10	10	0	1.0458	1.0457	-0.0002	0.9512	0.9428	0.0084
2023-09-23T10:03:31	1	0	3	3	0	0.9607	0.9608	0.0001	0.9837	0.9838	-0.0001
2023-09-23T10:04:28	1	0	6	6	0	1.0375	1.0371	-0.0004	-0.9994	-0.9995	0.0001
2023-09-23T10:05:26	1	0	13	12	1	1.0498	1.0492	-0.0006	0.9956	0.9956	0.0000
2023-09-23T10:05:35	1	0	64	57	7	0.9409	0.9413	0.0004	0.989	0.9895	-0.0005
2023-09-23T10:05:37	9	0	23	21	2	1.0516	1.0503	-0.0013	-0.9923	-0.9927	0.0004
2023-09-23T10:05:51	3	0	3	3	0	1.0187	1.0179	-0.0008	-0.9985	-0.9987	0.0002
2023-09-23T10:05:58	2	0	12	12	0	0.9879	0.9877	-0.0003	0.9728	0.9727	0.0001
2023-09-23T10:07:50	2	0	91	88	3	1.0549	1.0548	-0.0001	-0.9893	-0.9894	0.0001
2023-09-23T10:09:34	2	0	3	3	0	1.0515	1.0503	-0.0012	0.9974	0.9971	0.0003
2023-09-23T10:09:53	1	0	1	0	1	1.0558	null	null	0.9996	0.9996	0.0000
2023-09-23T10:10:05	1	0	7	7	0	1.0146	1.0145	0.0000	-0.9985	-0.9985	0.0000
2023-09-23T10:10:27	1	0	78	68	10	1.0560	1.0557	-0.0003	0.9994	0.9994	0.0000
2023-09-23T10:10:44	1	0	210	210	0	0.8897	0.8898	0.0001	0.9822	0.9823	-0.0001
2023-09-23T10:10:52	2	0	1	1	0	1.0200	1.0180	-0.0020	-0.9809	-0.981	0.0001
2023-09-23T10:11:51	3	0	4	4	0	0.9927	0.9923	-0.0005	0.9787	0.9748	0.0039
2023-09-23T10:12:08	1	0	1	1	0	1.0573	1.0569	-0.0004	-1	-1	0.0000
2023-09-23T10:12:28	1	0	2	2	0	0.9869	0.9870	0.0001	-0.9907	-0.9906	-0.0001
2023-09-23T10:12:39	3	0	2	2	0	1.0280	1.0270	-0.0010	-0.9923	-0.9925	0.0002
2023-09-23T10:12:49	1	0	2	2	0	1.0169	1.0166	-0.0003	0.9845	0.9844	0.0001
2023-09-23T10:14:13	2	0	3	3	0	1.0439	1.0436	-0.0003	-0.9813	-0.9818	0.0005
2023-09-23T10:14:31	1	0	9	9	0	1.0453	1.0452	-0.0001	-0.9923	-0.9924	0.0001
2023-09-23T10:16:15	2	0	3	3	0	1.0324	1.0319	-0.0005	-0.9956	-0.9956	0.0000
2023-09-23T10:17:14	2	0	7	7	0	0.9847	0.9847	0.0001	0.9965	0.9967	-0.0002
2023-09-23T10:18:01	1	0	7	7	0	1.0211	1.0209	-0.0002	0.9775	0.9774	0.0001
2023-09-23T10:18:44	2	0	71	72	-1	0.9509	0.9594	0.0084	0.9691	0.9695	-0.0004
2023-09-23T10:19:41	4	0	8	8	0	1.0376	1.0371	-0.0005	-0.9997	-0.9997	0.0000
2023-09-23T10:20:16	2	0	21	21	0	0.9524	0.9522	-0.0001	0.9591	0.9584	0.0007
2023-09-23T10:20:36	1	0	55	55	0	0.9401	0.9401	0.0000	0.9878	0.9879	-0.0001
2023-09-23T10:20:55	1	0	1	1	0	1.0393	1.0388	-0.0005	-0.9998	-0.9998	0.0000
2023-09-23T10:21:01	1	0	3	3	0	1.0447	1.0445	-0.0002	-0.9987	-0.9988	0.0001
2023-09-23T10:24:30	1	0	6	6	0	1.0246	1.0245	-0.0001	0.9745	0.9742	0.0003
2023-09-23T10:25:28	2	0	145	143	2	1.0592	1.0591	-0.0001	0.9999	0.9999	0.0000
2023-09-23T10:27:29	2	0	1	1	0	0.9854	0.9859	0.0005	-0.9889	-0.9888	-0.0001
2023-09-23T10:30:36	2	0	22	22	0	1.0487	1.0485	-0.0002	0.9942	0.9941	0.0001
2023-09-23T10:33:45	1	0	38	39	-1	0.9479	0.9535	0.0057	0.9696	0.9695	0.0001
2023-09-23T10:34:00	1	0	12	10	2	1.0517	1.0515	-0.0002	0.9585	0.9584	0.0001
2023-09-23T10:35:16	2	0	1	1	0	1.0338	1.0329	-0.0009	0.9807	0.983	-0.0023
2023-09-23T10:35:39	2	0	22	21	1	1.0496	1.0488	-0.0008	-0.9926	-0.9926	0.0000
2023-09-23T10:36:42	1	0	1	1	0	1.0568	1.0554	-0.0014	0.9993	0.9993	0.0000
2023-09-23T10:37:52	1	0	61	60	1	1.0524	1.0525	0.0001	-0.9881	-0.9882	0.0001
2023-09-23T10:37:55	1	0	1	1	0	1.0625	1.0622	-0.0003	0.9963	0.9962	0.0001
2023-09-23T10:39:55	1	0	1	1	0	1.0656	1.0650	-0.0006	0.9998	0.9998	0.0000

2023-09-23T10:43:13	1	0	15	14	1	1.0437	1.0436	-0.0001	0.9911	0.991	0.0001
2023-09-23T10:43:53	2	0	5	5	0	1.0359	1.0354	-0.0005	0.9983	0.9983	0.0000
2023-09-23T10:43:54	1	0	1	1	0	1.0579	1.0572	-0.0007	0.9947	0.9946	0.0001
2023-09-23T10:43:54	1	0	1	1	0	1.0347	1.0344	-0.0003	0.9712	0.9711	0.0001
2023-09-23T10:45:00	1	0	2	2	0	0.9394	0.9400	0.0006	0.968	0.9727	-0.0047
2023-09-23T10:46:49	2	0	2	2	0	1.0569	1.0566	-0.0004	1	1	0.0000
2023-09-23T10:47:16	1	0	7	7	0	1.0227	1.0226	0.0000	0.997	0.9971	-0.0001
2023-09-23T10:49:51	1	0	10	10	0	1.0405	1.0403	-0.0003	-0.9998	-0.9998	0.0000
2023-09-23T10:50:21	3	0	299	298	1	0.8664	0.8668	0.0004	0.8919	0.8923	-0.0004
2023-09-23T10:51:03	2	0	6	6	0	1.0463	1.0460	-0.0003	-0.9992	-0.9994	0.0002
2023-09-23T10:52:26	2	0	1	1	0	1.0279	1.0274	-0.0005	-0.9959	-0.9959	0.0000
2023-09-23T10:54:32	2	0	7	7	0	1.0337	1.0334	-0.0002	0.9766	0.9765	0.0001
2023-09-23T10:55:08	1	0	8	8	0	1.0074	1.0073	0.0000	-0.9991	-0.9991	0.0000
2023-09-23T10:57:15	1	0	2	2	0	1.0599	1.0598	-0.0001	-1	-1	0.0000
2023-09-23T10:59:38	1	0	63	57	6	1.0540	1.0535	-0.0005	-0.8948	-0.8946	-0.0002
2023-09-23T11:03:35	1	0	3	3	0	0.9595	0.9594	-0.0001	0.9812	0.9811	0.0001
2023-09-23T11:05:30	1	0	21	20	1	1.0501	1.0497	-0.0004	0.9972	0.9972	0.0000
2023-09-23T11:05:41	2	0	25	24	1	1.0430	1.0418	-0.0012	-0.9926	-0.9925	-0.0001
2023-09-23T11:05:55	1	0	2	2	0	1.0074	1.0070	-0.0004	0.9999	0.9997	0.0002
2023-09-23T11:07:05	1	0	4	4	0	1.0208	1.0207	-0.0001	0.9827	0.9827	0.0000
2023-09-23T11:10:47	1	0	11	11	0	1.0531	1.0528	-0.0003	0.9964	0.9981	-0.0017
2023-09-23T11:16:37	2	0	2	0	2	1.0354	null	null	0.9991	0.999	0.0001
2023-09-23T11:19:35	3	0	5	5	0	0.9824	0.9827	0.0004	0.9867	0.9554	0.0313
2023-09-23T11:19:59	3	0	2	1	1	1.0456	1.0453	-0.0003	0.9882	0.9877	0.0005
2023-09-23T11:20:01	1	0	13	13	0	1.0455	1.0452	-0.0003	-0.9999	-0.9999	0.0000
2023-09-23T11:25:48	1	0	2	2	0	1.0335	1.0334	-0.0001	0.995	0.9936	0.0014
2023-09-23T11:29:46	1	0	1	1	0	0.8516	0.8516	0.0000	0.9995	0.9995	0.0000
2023-09-23T11:32:39	1	0	1	0	1	1.0556	null	null	0.9966	0.9965	0.0001
2023-09-23T11:34:36	3	0	3	4	-1	1.0291	1.0081	-0.0211	0.9875	0.9874	0.0001
2023-09-23T11:35:01	1	0	2	2	0	0.9415	0.9419	0.0004	0.9497	0.9498	-0.0001
2023-09-23T11:35:16	7	0	11	12	-1	1.0449	1.0446	-0.0003	-0.9998	-0.9998	0.0000
2023-09-23T11:35:47	1	0	1	0	1	1.0552	null	null	-0.9923	-0.9923	0.0000
2023-09-23T11:40:49	2	0	9	9	0	1.0477	1.0477	-0.0001	0.9954	0.9974	-0.0020
2023-09-23T11:41:57	3	0	35	35	0	0.9651	0.9652	0.0001	0.992	0.9934	-0.0014
2023-09-23T11:42:34	4	0	2	3	-1	0.9865	0.9725	-0.0140	-0.9935	-0.9936	0.0001
2023-09-23T11:44:47	1	0	1	1	0	0.8731	0.8731	0.0000	1	1	0.0000
2023-09-23T11:47:06	1	0	1	1	0	1.0568	1.0566	-0.0002	-0.9885	-0.9857	-0.0028
2023-09-23T11:48:07	1	0	4	5	-1	1.0280	1.0270	-0.0010	0.9826	0.9826	0.0000
2023-09-23T11:50:57	3	0	2	2	0	1.0563	1.0556	-0.0008	-0.9915	-0.9917	0.0002
2023-09-23T11:56:58	3	0	34	34	0	0.9556	0.9558	0.0001	0.993	0.9932	-0.0002
2023-09-23T11:59:52	1	0	1	1	0	0.8740	0.8740	0.0000	0.9998	0.9998	0.0000
2023-09-23T12:02:07	1	0	1	1	0	1.0561	1.0557	-0.0004	-0.9894	-0.9868	-0.0026
2023-09-23T12:04:38	3	0	3	3	0	1.0324	1.0323	-0.0001	0.9882	0.988	0.0002
2023-09-23T12:06:03	3	0	3	3	0	1.0566	1.0565	-0.0001	-0.9922	-0.9922	0.0000
2023-09-23T12:12:53	1	0	1	0	1	1.0566	null	null	-1	-1	0.0000
2023-09-23T12:13:20	2	0	29	28	1	1.0508	1.0506	-0.0002	0.9992	0.9992	0.0000
2023-09-23T12:14:59	1	0	34	34	0	1.0490	1.0490	-0.0001	0.9986	0.9988	-0.0002
2023-09-23T12:16:02	6	0	35	34	1	1.0636	1.0621	-0.0016	0.9451	0.9432	0.0019
2023-09-23T12:42:01	3	0	36	37	-1	0.9533	0.9628	0.0094	0.9914	0.993	-0.0016
2023-09-23T12:58:17	1	0	4	4	0	1.0460	1.0459	-0.0002	0.9937	0.9937	0.0000
2023-09-23T13:01:44	2	0	3	3	0	1.0373	1.0373	-0.0001	0.9982	0.9983	-0.0001
2023-09-23T13:02:11	1	0	1	1	0	1.0388	1.0382	-0.0006	-0.9946	-0.9944	-0.0002
2023-09-23T13:10:55	2	0	2	4	-2	1.0468	1.0484	0.0016	0.9959	0.9961	-0.0002
2023-09-23T13:14:58	1	0	51	51	0	1.0522	1.0520	-0.0001	-0.8916	-0.8933	0.0017
2023-09-23T13:17:12	1	0	1	2	-1	1.0386	1.0391	0.0006	-0.9966	-0.9963	-0.0003
2023-09-23T13:29:59	1	0	55	54	1	1.0532	1.0529	-0.0002	-0.8955	-0.8972	0.0017
2023-09-23T13:31:31	1	0	5	5	0	1.0547	1.0547	0.0000	0.9657	0.9657	0.0000
2023-09-23T13:35:51	2	0	24	28	-4	1.0356	1.0341	-0.0015	-0.996	-0.9967	0.0007
2023-09-23T13:42:05	2	0	4	4	0	1.0197	1.0193	-0.0004	0.9971	0.997	0.0001
2023-09-23T13:47:50	2	0	6	6	0	1.0290	1.0281	-0.0009	0.981	0.9841	-0.0031
2023-09-23T14:03:47	2	0	5	6	-1	0.9969	0.9980	0.0012	0.9832	0.983	0.0002
2023-09-23T14:05:53	10	0	19	20	-1	1.0426	1.0413	-0.0013	-0.9948	-0.9946	-0.0002
2023-09-23T14:12:07	2	0	6	6	0	1.0261	1.0257	-0.0004	0.9973	0.9973	0.0000
2023-09-23T14:14:08	1	0	1	1	0	1.0653	1.0653	0.0000	0.9956	0.9937	0.0019
2023-09-23T14:15:59	1	0	13	13	0	1.0484	1.0483	-0.0001	-0.9894	-0.9894	0.0000
2023-09-23T14:17:50	1	0	2	2	0	1.0587	1.0584	-0.0002	0.9995	0.9995	0.0000
2023-09-23T14:18:48	1	0	7	8	-1	1.0028	1.0048	0.0020	0.9832	0.9834	-0.0002
2023-09-23T14:19:11	1	0	7	7	0	1.0493	1.0491	-0.0002	0.9967	0.9967	0.0000
2023-09-23T14:19:18	1	0	17	16	1	1.0554	1.0554	0.0000	0.9734	0.9733	0.0001
2023-09-23T14:20:12	3	0	4	4	0	1.0470	1.0470	0.0000	0.9886	0.9886	0.0000
2023-09-23T14:20:35	5	0	53	52	1	1.0128	1.0126	-0.0001	0.9429	0.9539	-0.0110
2023-09-23T14:20:43	1	0	24	23	1	1.0516	1.0514	-0.0002	0.9958	0.9958	0.0000
2023-09-23T14:20:54	7	0	23	22	1	1.0431	1.0417	-0.0014	-0.9953	-0.9954	0.0001
2023-09-23T14:21:21	2	0	2	2	0	1.0572	1.0570	-0.0003	-0.9903	-0.9903	0.0000
2023-09-23T14:24:51	2	0	3	3	0	0.9782	0.9791	0.0009	0.9902	0.9805	0.0097
2023-09-23T14:27:08	3	0	5	5	0	1.0234	1.0232	-0.0002	0.9987	0.9985	0.0002
2023-09-23T14:27:45	4	0	1	1	0	0.9826	0.9828	0.0002	-0.9915	-0.9914	-0.0001
2023-09-23T14:29:10	1	0	2	2	0	1.0512	1.0509	-0.0003	0.9968	0.9968	0.0000
2023-09-23T14:29:10	1	0	2	2	0	1.0323	1.0323	0.0000	0.9629	0.9629	0.0000
2023-09-23T14:30:02	1	0	1	1	0	0.8419	0.8419	0.0000	0.9999	0.9999	0.0000
2023-09-23T14:30:52	5	0	14	11	3	1.0426	1.0416	-0.0010	0.985	0.9848	0.0002
2023-09-23T14:31:09	2	0	1	1	0	1.0245	1.0239	-0.0006	0.9974	0.9973	0.0001
2023-09-23T14:31:14	1	0	13	13	0	1.0453	1.0452	-0.0001	-0.9932	-0.9933	0.0001
2023-09-23T14:31:17	1	0	1	1	0	1.0361	1.0357	-0.0004	0.9946	0.9943	0.0003
2023-09-23T14:32:17	1	0	2	1	1	1.0388	1.0387	-0.0001	-0.9974	-0.9973	-0.0001

2023-09-23T14:32:51	1	0	3	3	0	1.0568	1.0567	-0.0001	0.9999	0.9999	0.0000
2023-09-23T14:33:20	1	0	13	13	0	1.0314	1.0314	0.0000	0.9729	0.9728	0.0001
2023-09-23T14:33:49	2	0	7	7	0	1.0043	1.0043	0.0000	0.9853	0.9854	-0.0001
2023-09-23T14:34:14	1	0	7	7	0	1.0490	1.0490	0.0000	0.9967	0.9959	0.0008
2023-09-23T14:34:19	1	0	5	5	0	1.0309	1.0308	-0.0001	-0.9741	-0.9741	0.0000
2023-09-23T14:35:15	3	0	6	6	0	1.0471	1.0470	-0.0001	0.9896	0.9895	0.0001
2023-09-23T14:35:40	6	0	308	308	0	0.8120	0.8121	0.0001	0.88	0.8795	0.0005
2023-09-23T14:35:49	7	0	21	21	0	1.0489	1.0486	-0.0003	-0.9996	-0.9996	0.0000
2023-09-23T14:35:55	10	0	29	29	0	1.0422	1.0422	0.0000	-0.9957	-0.9958	0.0001
2023-09-23T14:36:09	4	0	3	3	0	1.0095	1.0094	-0.0001	0.9999	0.9998	0.0001
2023-09-23T14:36:13	2	0	5	5	0	1.0351	1.0349	-0.0001	-0.9849	-0.982	-0.0029
2023-09-23T14:38:08	1	0	152	148	4	1.0561	1.0560	-0.0001	-0.9783	-0.9784	0.0001
2023-09-23T14:39:52	2	0	7	7	0	1.0188	1.0190	0.0002	0.9913	0.982	0.0093
2023-09-23T14:41:13	2	0	2	3	-1	1.0283	1.0247	-0.0036	-0.9751	-0.9741	-0.0010
2023-09-23T14:42:46	4	0	1	1	0	0.9882	0.9883	0.0001	-0.9924	-0.9924	0.0000
2023-09-23T14:43:07	1	0	6	6	0	1.0222	1.0222	0.0000	0.9839	0.9838	0.0001
2023-09-23T14:43:24	1	0	4	4	0	1.0493	1.0493	0.0000	0.9919	0.9919	0.0000
2023-09-23T14:43:37	1	0	29	28	1	1.0508	1.0505	-0.0003	0.992	0.9918	0.0002
2023-09-23T14:43:47	1	0	1	0	1	1.0215	null	null	0.9923	0.9922	0.0001
2023-09-23T14:44:11	1	0	2	2	0	1.0482	1.0481	-0.0001	0.9956	0.9956	0.0000
2023-09-23T14:44:21	1	0	1	1	0	1.0324	1.0323	-0.0001	0.9737	0.9678	0.0059
2023-09-23T14:45:03	1	0	2	2	0	0.8829	0.8829	0.0000	0.9996	0.9996	0.0000
2023-09-23T14:45:09	1	0	52	52	0	1.0501	1.0501	0.0000	0.9988	0.9988	0.0000
2023-09-23T14:45:59	5	0	26	26	0	1.0482	1.0482	0.0000	0.9841	0.9841	0.0000
2023-09-23T14:46:51	2	0	4	4	0	1.0386	1.0386	-0.0001	0.9968	0.9969	-0.0001
2023-09-23T14:47:18	1	0	1	1	0	1.0411	1.0405	-0.0006	-0.9969	-0.9968	-0.0001
2023-09-23T14:50:16	3	0	9	9	0	1.0484	1.0483	-0.0001	0.9889	0.9885	0.0004
2023-09-23T14:50:45	1	0	33	32	1	1.0536	1.0536	-0.0001	0.9951	0.9951	0.0000
2023-09-23T14:51:11	3	0	2	2	0	1.0079	1.0077	-0.0002	1	1	0.0000
2023-09-23T14:53:20	1	0	6	6	0	1.0213	1.0214	0.0001	-0.9955	-0.9951	-0.0004
2023-09-23T14:55:44	1	0	40	40	0	1.0486	1.0487	0.0000	0.9886	0.9885	0.0001
2023-09-23T14:58:08	1	0	4	4	0	1.0186	1.0182	-0.0003	0.9836	0.9834	0.0002
2023-09-23T15:01:19	6	0	2	2	0	1.0537	1.0508	-0.0030	0.9415	0.9382	0.0033
2023-09-23T15:04:16	1	0	4	4	0	1.0314	1.0312	-0.0002	0.9965	0.9964	0.0001
2023-09-23T15:04:21	1	0	34	33	1	1.0555	1.0554	0.0000	0.975	0.975	0.0000
2023-09-23T15:05:15	1	0	1	1	0	0.9441	0.9442	0.0001	0.9501	0.9502	-0.0001
2023-09-23T15:05:17	1	0	6	6	0	1.0472	1.0471	-0.0001	0.9894	0.9893	0.0001
2023-09-23T15:06:24	1	0	11	11	0	1.0409	1.0409	0.0000	-0.9987	-0.9988	0.0001
2023-09-23T15:12:17	2	0	4	4	0	1.0159	1.0158	-0.0001	0.9971	0.9971	0.0000
2023-09-23T15:16:40	1	0	10	10	0	1.0471	1.0470	-0.0001	0.9964	0.9964	0.0000
2023-09-23T15:17:34	1	0	1	1	0	1.0286	1.0282	-0.0004	0.9934	0.9933	0.0001
2023-09-23T15:18:52	1	0	11	12	-1	1.0005	0.9956	-0.0049	0.978	0.9777	0.0003
2023-09-23T15:20:58	2	0	26	25	1	1.0416	1.0415	-0.0001	-0.9966	-0.9967	0.0001
2023-09-23T15:25:38	1	0	1	1	0	1.0355	1.0348	-0.0007	0.9769	0.9785	-0.0016
2023-09-23T15:26:16	1	0	1	0	1	1.0317	null	null	-0.9721	-0.9722	0.0001
2023-09-23T15:27:18	2	0	46	45	1	0.9726	0.9684	-0.0043	0.9894	0.9897	-0.0003
2023-09-23T15:35:59	2	0	18	17	1	1.0393	1.0399	0.0006	-0.9997	-0.9997	0.0000
2023-09-23T15:36:14	2	0	2	2	0	1.0099	1.0090	-0.0008	0.9981	0.9978	0.0003
2023-09-23T15:40:23	1	0	2	2	0	1.0151	1.0151	-0.0001	0.9985	0.9985	0.0000
2023-09-23T15:41:17	1	0	3	3	0	1.0236	1.0235	-0.0001	-0.9734	-0.9732	-0.0002
2023-09-23T15:46:25	2	0	123	123	0	1.0507	1.0507	0.0000	-0.8568	-0.8566	-0.0002
2023-09-23T15:47:11	3	0	1	1	0	1.0350	1.0342	-0.0008	0.9984	0.9979	0.0005
2023-09-23T15:53:24	2	0	4	4	0	0.9949	0.9956	0.0007	0.962	0.9501	0.0119
2023-09-23T15:57:20	1	0	48	47	1	0.9758	0.9691	-0.0067	0.9894	0.9899	-0.0005
2023-09-23T16:03:55	1	0	7	8	-1	0.9858	0.9874	0.0016	0.9803	0.9804	-0.0001
2023-09-23T16:06:01	8	0	16	16	0	1.0393	1.0392	-0.0002	-0.9999	-0.9999	0.0000
2023-09-23T16:25:42	1	0	1	1	0	1.0323	1.0318	-0.0005	0.9766	0.9765	0.0001
2023-09-23T16:26:20	1	0	1	1	0	1.0264	1.0256	-0.0008	-0.9651	-0.9639	-0.0012
2023-09-23T16:41:21	1	0	2	2	0	1.0246	1.0240	-0.0006	-0.9698	-0.9696	-0.0002
2023-09-23T16:48:58	1	0	8	8	0	0.9960	0.9958	-0.0002	0.9842	0.9839	0.0003
2023-09-24T07:48:48	1	0	127	127	0	1.0570	1.0570	0.0000	0.9714	0.9714	0.0000
2023-09-24T07:50:24	1	0	12	12	0	0.9429	0.9429	0.0001	0.9995	0.9995	0.0000
2023-09-24T08:00:50	1	0	187	187	0	1.0511	1.0511	0.0000	-0.8312	-0.8314	0.0002
2023-09-24T08:05:15	5	0	147	147	0	1.0580	1.0579	0.0000	-1	-1	0.0000
2023-09-24T08:05:25	1	0	18	18	0	0.9425	0.9425	0.0000	0.9988	0.9989	-0.0001
2023-09-24T08:10:17	2	0	162	162	0	1.0595	1.0594	0.0000	-1	-1	0.0000
2023-09-24T08:18:35	1	0	26	26	0	0.9594	0.9596	0.0001	0.9603	0.9604	-0.0001
2023-09-24T08:20:21	1	0	120	119	1	1.0573	1.0573	0.0000	0.9994	0.9994	0.0000
2023-09-24T08:20:26	1	0	50	50	0	0.9412	0.9412	0.0000	0.9983	0.9984	-0.0001
2023-09-24T08:55:45	1	0	2	2	0	1.0332	1.0328	-0.0004	-0.9431	-0.9428	-0.0003
2023-09-24T09:05:29	1	0	38	38	0	0.9410	0.9410	0.0000	0.9981	0.9981	0.0000
2023-09-24T09:18:26	1	0	6	6	0	0.9827	0.9826	-0.0001	0.9918	0.9917	0.0001
2023-09-24T09:20:30	1	0	78	78	0	0.9403	0.9403	0.0000	0.9909	0.9911	-0.0002
2023-09-24T09:20:53	2	0	10	10	0	1.0073	1.0071	-0.0002	0.9787	0.9787	0.0000
2023-09-24T09:23:18	1	0	140	140	0	0.9666	0.9667	0.0001	0.9935	0.9936	-0.0001
2023-09-24T09:27:44	1	0	2	2	0	1.0164	1.0162	-0.0002	0.9855	0.9855	0.0000
2023-09-24T09:29:07	2	0	3	3	0	1.0331	1.0330	-0.0001	-0.9797	-0.98	0.0003
2023-09-24T09:29:52	1	0	2	2	0	0.9414	0.9419	0.0005	0.9676	0.9682	-0.0006
2023-09-24T09:31:54	1	0	1	1	0	1.0189	1.0185	-0.0004	0.9935	0.9934	0.0001
2023-09-24T09:31:55	1	0	1	1	0	1.0390	1.0387	-0.0003	-0.9891	-0.9888	-0.0003
2023-09-24T09:33:00	1	0	22	22	0	1.0482	1.0481	-0.0001	0.9637	0.9638	-0.0001
2023-09-24T09:35:11	1	0	11	11	0	0.9603	0.9602	-0.0001	0.9304	0.9293	0.0011
2023-09-24T09:35:33	4	0	30	29	1	1.0513	1.0509	-0.0004	-0.9931	-0.9933	0.0002
2023-09-24T09:36:35	1	0	1	1	0	1.0081	1.0077	-0.0004	1	1	0.0000
2023-09-24T09:38:34	1	0	27	27	0	1.0523	1.0523	-0.0001	0.9989	0.9989	0.0000

2023-09-24T09:42:37	3	0	2	2	0	1.0317	1.0308	-0.0008	-0.9846	-0.9847	0.0001
2023-09-24T09:45:56	1	0	1	1	0	0.8190	0.8193	0.0003	0.9982	0.9982	0.0000
2023-09-24T09:45:57	2	0	80	80	0	1.0504	1.0504	0.0000	-0.8496	-0.8489	-0.0007
2023-09-24T09:46:55	1	0	1	1	0	1.0210	1.0210	0.0000	0.9905	0.9905	0.0000
2023-09-24T09:46:56	1	0	1	1	0	1.0408	1.0408	0.0000	-0.988	-0.9877	-0.0003
2023-09-24T09:47:11	1	0	12	12	0	0.9947	0.9946	-0.0001	0.9999	1	-0.0001
2023-09-24T09:48:28	1	0	9	9	0	1.0108	1.0108	0.0000	0.9894	0.9897	-0.0003
2023-09-24T09:48:50	3	0	52	52	0	0.9311	0.9311	0.0000	-0.9992	-0.9993	0.0001
2023-09-24T09:50:32	1	0	41	41	0	0.9403	0.9403	0.0000	0.9907	0.9907	0.0000
2023-09-24T09:50:57	1	0	3	3	0	1.0383	1.0382	-0.0001	-0.9969	-0.9971	0.0002
2023-09-24T09:53:35	2	0	53	46	7	1.0551	1.0550	-0.0002	0.9984	0.9983	0.0001
2023-09-24T09:54:32	2	0	4	3	1	1.0488	1.0493	0.0005	0.9926	0.9922	0.0004
2023-09-24T09:55:49	1	0	4	4	0	1.0317	1.0317	0.0000	-0.9621	-0.9621	0.0000
2023-09-24T09:56:51	1	0	1	1	0	1.0557	1.0554	-0.0003	-0.9993	-0.9984	-0.0009
2023-09-24T09:57:31	2	0	1	1	0	0.9796	0.9801	0.0005	-0.9926	-0.9924	-0.0002
2023-09-24T09:59:30	1	0	56	53	3	1.0529	1.0526	-0.0004	-0.9069	-0.9089	0.0020
2023-09-24T10:00:57	1	0	1	1	0	0.8193	0.8193	0.0000	0.9985	0.9985	0.0000
2023-09-24T10:01:37	2	0	8	8	0	1.0252	1.0250	-0.0002	0.9864	0.986	0.0004
2023-09-24T10:03:39	1	0	5	5	0	1.0351	1.0349	-0.0001	-0.9994	-0.9994	0.0000
2023-09-24T10:05:13	1	0	53	53	0	0.9270	0.9270	0.0000	0.9026	0.9023	0.0003
2023-09-24T10:05:27	5	0	65	63	2	1.0567	1.0565	-0.0002	0.9985	0.9984	0.0001
2023-09-24T10:05:35	8	0	18	18	0	1.0425	1.0419	-0.0006	-0.9955	-0.9956	0.0001
2023-09-24T10:05:49	3	0	1	0	1	1.0036	null	null	0.9999	0.9998	0.0001
2023-09-24T10:05:56	2	0	8	8	0	1.0064	1.0060	-0.0004	0.9784	0.9782	0.0002
2023-09-24T10:05:58	1	0	3	3	0	1.0391	1.0389	-0.0001	-0.999	-0.999	0.0000
2023-09-24T10:06:37	1	0	1	0	1	1.0043	null	null	0.9998	0.9998	0.0000
2023-09-24T10:07:42	2	0	65	63	2	1.0535	1.0534	-0.0001	-0.9864	-0.9865	0.0001
2023-09-24T10:08:21	1	0	224	224	0	0.9440	0.9441	0.0001	0.9876	0.9877	-0.0001
2023-09-24T10:08:36	3	0	31	29	2	1.0518	1.0515	-0.0003	0.9974	0.9973	0.0001
2023-09-24T10:09:32	1	0	7	7	0	1.0267	1.0266	-0.0001	0.9766	0.9764	0.0002
2023-09-24T10:09:52	1	0	1	0	1	1.0562	null	null	0.9996	0.9995	0.0001
2023-09-24T10:10:03	1	0	25	25	0	0.9740	0.9740	0.0000	1	1	0.0000
2023-09-24T10:10:25	1	0	19	18	1	1.0530	1.0529	-0.0001	0.9985	0.9985	0.0000
2023-09-24T10:12:32	1	0	1	1	0	0.9799	0.9804	0.0005	-0.9898	-0.9897	-0.0001
2023-09-24T10:12:39	3	0	2	2	0	1.0296	1.0285	-0.0011	-0.987	-0.9872	0.0002
2023-09-24T10:12:47	1	0	3	3	0	1.0141	1.0137	-0.0003	0.9847	0.9845	0.0002
2023-09-24T10:13:50	1	0	1	0	1	1.0555	null	null	0.9962	0.9962	0.0000
2023-09-24T10:14:05	1	0	8	8	0	1.0162	1.0162	0.0000	-1	-1	0.0000
2023-09-24T10:14:13	2	0	4	4	0	1.0406	1.0404	-0.0002	-0.979	-0.9796	0.0006
2023-09-24T10:14:28	1	0	7	7	0	1.0444	1.0443	-0.0001	-0.989	-0.989	0.0000
2023-09-24T10:14:55	1	0	3	3	0	0.9405	0.9410	0.0006	0.9657	0.9664	-0.0007
2023-09-24T10:15:52	1	0	2	2	0	1.0297	1.0296	-0.0002	0.9729	0.9725	0.0004
2023-09-24T10:16:08	2	0	11	11	0	1.0440	1.0438	-0.0002	-0.9926	-0.9926	0.0000
2023-09-24T10:17:14	1	0	11	11	0	0.9922	0.9923	0.0001	0.9999	0.9999	0.0000
2023-09-24T10:17:34	2	0	2	2	0	0.9962	0.9954	-0.0008	0.976	0.9758	0.0002
2023-09-24T10:18:03	1	0	59	45	14	1.0573	1.0555	-0.0018	0.9664	0.9737	-0.0073
2023-09-24T10:18:40	4	0	4	4	0	1.0335	1.0330	-0.0005	-0.9996	-0.9996	0.0000
2023-09-24T10:18:43	4	0	109	110	-1	0.9273	0.9277	0.0004	0.9565	0.9576	-0.0011
2023-09-24T10:18:52	4	0	5	5	0	1.0074	1.0069	-0.0006	-0.9963	-0.9964	0.0001
2023-09-24T10:18:58	1	0	14	13	1	1.0529	1.0526	-0.0004	0.9788	0.9788	0.0000
2023-09-24T10:20:34	1	0	84	77	7	0.9386	0.9390	0.0005	0.9891	0.9896	-0.0005
2023-09-24T10:20:50	2	0	1	1	0	1.0057	1.0048	-0.0009	-0.9998	0.9965	0.0037
2023-09-24T10:20:54	1	0	1	1	0	1.0277	1.0274	-0.0003	0.9958	0.9944	0.0014
2023-09-24T10:22:51	1	0	1	1	0	1.0568	1.0564	-0.0004	0.997	0.9969	0.0001
2023-09-24T10:24:34	2	0	1	0	1	1.0553	null	null	0.9928	0.9925	0.0003
2023-09-24T10:24:53	1	0	1	1	0	1.0582	1.0578	-0.0004	0.9996	0.9996	0.0000
2023-09-24T10:27:33	2	0	1	1	0	0.9796	0.9802	0.0006	-0.9915	-0.9914	-0.0001
2023-09-24T10:32:37	1	0	1	0	1	1.0557	null	null	0.9979	0.9966	0.0013
2023-09-24T10:33:41	1	0	5	5	0	1.0385	1.0385	-0.0001	-0.9993	-0.9993	0.0000
2023-09-24T10:33:46	1	0	1	1	0	0.9441	0.9445	0.0004	0.9956	0.9956	0.0000
2023-09-24T10:33:53	1	0	4	4	0	1.0015	1.0013	-0.0002	-0.9972	-0.9972	0.0000
2023-09-24T10:35:15	2	0	302	302	0	0.8720	0.8723	0.0003	0.873	0.873	0.0000
2023-09-24T10:35:51	1	0	1	1	0	1.0010	1.0010	0.0000	0.9993	0.9992	0.0001
2023-09-24T10:35:55	1	0	4	4	0	1.0366	1.0363	-0.0003	-0.9998	-0.9995	-0.0003
2023-09-24T10:40:52	1	0	2	2	0	1.0110	1.0106	-0.0005	-0.9744	-0.9744	0.0000
2023-09-24T10:43:04	1	0	70	65	5	1.0558	1.0557	-0.0002	-0.9981	-0.9981	0.0000
2023-09-24T10:43:12	1	0	31	31	0	1.0497	1.0497	-0.0001	0.987	0.9868	0.0002
2023-09-24T10:44:52	1	0	1	1	0	0.8610	0.8610	0.0000	0.9999	0.9999	0.0000
2023-09-24T10:46:49	2	0	2	2	0	1.0581	1.0576	-0.0005	0.9999	0.9999	0.0000
2023-09-24T10:47:16	1	0	38	38	0	0.9671	0.9671	0.0000	-0.9999	-0.9999	0.0000
2023-09-24T10:47:36	1	0	5	5	0	1.0018	1.0017	0.0000	0.983	0.9803	0.0027
2023-09-24T10:49:16	2	0	8	8	0	1.0279	1.0278	-0.0001	0.9749	0.9748	0.0001
2023-09-24T10:50:14	2	0	2	2	0	1.0406	1.0401	-0.0005	0.9851	0.985	0.0001
2023-09-24T10:52:25	2	0	11	11	0	1.0330	1.0329	-0.0001	-0.9986	-0.9986	0.0000
2023-09-24T10:53:39	2	0	21	21	0	1.0505	1.0502	-0.0003	0.9947	0.9945	0.0002
2023-09-24T10:54:36	1	0	1	1	0	1.0565	1.0559	-0.0006	0.9927	0.9923	0.0004
2023-09-24T10:55:06	1	0	10	10	0	1.0006	1.0005	0.0000	-0.9999	-0.9999	0.0000
2023-09-24T10:58:13	1	0	30	30	0	1.0509	1.0508	0.0000	0.9878	0.9877	0.0001
2023-09-24T10:59:36	1	0	60	59	1	1.0551	1.0547	-0.0004	-0.8902	-0.8913	0.0011
2023-09-24T11:02:39	1	0	1	1	0	1.0565	1.0563	-0.0002	0.9976	0.9976	0.0000
2023-09-24T11:03:43	1	0	7	7	0	1.0410	1.0408	-0.0002	-0.9998	-0.9998	0.0000
2023-09-24T11:03:54	1	0	64	64	0	0.9605	0.9605	0.0000	0.9642	0.9643	-0.0001
2023-09-24T11:05:01	1	0	1	0	1	1.0561	null	null	-0.9887	-0.9885	-0.0002
2023-09-24T11:05:19	2	0	22	22	0	0.9450	0.9449	-0.0001	0.9223	0.9203	0.0020
2023-09-24T11:05:43	2	0	1	0	1	1.0557	null	null	-0.9921	-0.9921	0.0000

2023-09-24T11:06:02	2	0	6	6	0	1.0497	1.0495	-0.0001	-0.9997	-0.9998	0.0001
2023-09-24T11:07:03	1	0	15	15	0	0.9608	0.9608	0.0000	0.9733	0.973	0.0003
2023-09-24T11:13:54	1	0	1	1	0	1.0360	1.0358	-0.0002	0.9732	0.9729	0.0003
2023-09-24T11:16:20	1	0	3	3	0	1.0555	1.0555	0.0000	0.9669	0.9669	0.0000
2023-09-24T11:16:34	2	0	6	6	0	1.0400	1.0394	-0.0006	0.996	0.9957	0.0003
2023-09-24T11:18:34	1	0	5	5	0	0.9941	0.9939	-0.0001	0.9868	0.9872	-0.0004
2023-09-24T11:19:33	3	0	3	3	0	0.9452	0.9458	0.0006	0.9502	0.9058	0.0444
2023-09-24T11:20:38	1	0	40	40	0	0.9402	0.9402	0.0000	0.9901	0.9901	0.0000
2023-09-24T11:20:44	2	0	1	1	0	1.0562	1.0558	-0.0004	-0.9914	-0.9914	0.0000
2023-09-24T11:27:48	1	0	80	80	0	1.1475	1.1328	-0.0147	0.9986	0.9986	0.0000
2023-09-24T11:29:12	1	0	4	4	0	1.0175	1.0175	0.0000	0.9997	0.9997	0.0000
2023-09-24T11:29:55	1	0	1	1	0	0.8803	0.8803	0.0000	1	1	0.0000
2023-09-24T11:30:38	1	0	8	8	0	1.0452	1.0451	-0.0001	-0.9906	-0.9906	0.0000
2023-09-24T11:30:57	7	0	2	1	1	1.0497	1.0464	-0.0033	0.9453	0.9109	0.0344
2023-09-24T11:31:43	2	0	2	2	0	1.0319	1.0319	0.0000	0.9823	0.9821	0.0002
2023-09-24T11:32:39	3	0	38	38	0	0.9603	0.9604	0.0001	0.9566	0.9567	-0.0001
2023-09-24T11:44:13	1	0	4	4	0	1.0159	1.0159	0.0000	0.9996	0.9996	0.0000
2023-09-24T11:44:56	1	0	1	1	0	0.8383	0.8383	0.0000	0.9997	0.9997	0.0000
2023-09-24T11:45:51	1	0	6	6	0	1.0442	1.0441	-0.0001	-0.9932	-0.9932	0.0000
2023-09-24T11:45:59	7	0	1	1	0	1.0266	1.0264	-0.0002	0.9082	0.9099	-0.0017
2023-09-24T11:46:44	2	0	2	2	0	1.0321	1.0321	0.0000	0.9835	0.9833	0.0002
2023-09-24T11:47:04	1	0	1	0	1	1.0415	null	null	-0.9925	-0.9922	-0.0003
2023-09-24T11:47:40	3	0	46	45	1	0.9584	0.9585	0.0001	0.9556	0.9559	-0.0003
2023-09-24T11:48:51	1	0	1	1	0	1.0204	1.0203	-0.0001	0.9982	0.9981	0.0001
2023-09-24T11:51:05	3	0	5	6	-1	1.0503	1.0512	0.0009	-0.9995	-0.9994	-0.0001
2023-09-24T11:53:43	5	0	7	8	-1	1.0518	1.0512	-0.0005	0.9905	0.9907	-0.0002
2023-09-24T11:59:14	1	0	5	5	0	1.0147	1.0147	0.0000	0.9996	0.9996	0.0000
2023-09-24T11:59:57	1	0	1	1	0	0.9174	0.9174	0.0000	0.9992	0.9992	0.0000
2023-09-24T12:01:01	6	0	2	3	-1	1.0229	1.0161	-0.0067	0.9739	0.9506	0.0233
2023-09-24T12:01:45	2	0	2	2	0	1.0309	1.0309	0.0000	0.9849	0.9848	0.0001
2023-09-24T12:02:41	3	0	47	47	0	0.9684	0.9685	0.0001	0.9509	0.9513	-0.0004
2023-09-24T12:03:52	1	0	1	1	0	1.0285	1.0285	0.0000	0.9977	0.9974	0.0003
2023-09-24T12:16:24	1	0	2	2	0	1.0609	1.0609	0.0000	0.9688	0.969	-0.0002
2023-09-24T12:17:06	1	0	1	1	0	1.0564	1.0559	-0.0005	-0.9921	-0.9899	-0.0022
2023-09-24T12:31:04	1	0	2	2	0	1.0278	1.0277	-0.0001	0.9712	0.9712	0.0000
2023-09-24T12:57:02	1	0	3	3	0	1.0397	1.0395	-0.0002	0.9944	0.9945	-0.0001
2023-09-24T12:59:22	2	0	1	1	0	0.9751	0.9764	0.0013	0.9593	0.9602	-0.0009
2023-09-24T13:01:07	1	0	3	3	0	1.0148	1.0143	-0.0004	0.9731	0.9498	0.0233
2023-09-24T13:01:27	1	0	3	3	0	1.0586	1.0585	-0.0001	0.9653	0.965	0.0003
2023-09-24T13:14:57	1	0	28	28	0	1.0525	1.0523	-0.0001	-0.893	-0.8953	0.0023
2023-09-24T13:16:28	1	0	2	2	0	1.0595	1.0595	0.0000	0.9669	0.9672	-0.0003
2023-09-24T13:27:56	1	0	1	2	-1	1.0279	1.0283	0.0004	0.9999	1	-0.0001
2023-09-24T13:28:27	1	0	35	34	1	1.0516	1.0515	-0.0001	0.999	0.999	0.0000
2023-09-24T13:29:59	1	0	23	23	0	1.0536	1.0532	-0.0004	-0.9188	-0.9206	0.0018
2023-09-24T13:36:17	3	0	4	4	0	1.0565	1.0564	-0.0001	-1	-0.9999	-0.0001
2023-09-24T13:47:56	2	0	4	4	0	1.0248	1.0247	-0.0001	0.9732	0.9731	0.0001
2023-09-24T14:01:14	6	0	2	1	1	1.0477	1.0475	-0.0003	0.9776	0.9761	0.0015
2023-09-24T14:01:39	1	0	1	0	1	1.0551	null	null	0.9996	0.9996	0.0000
2023-09-24T14:04:38	1	0	2	2	0	1.0231	1.0229	-0.0002	0.9671	0.9757	-0.0086
2023-09-24T14:05:51	15	0	7	7	0	1.0191	1.0031	-0.0160	-0.9983	-0.9984	0.0001
2023-09-24T14:06:19	1	0	5	5	0	1.0514	1.0514	0.0000	-1	-1	0.0000
2023-09-24T14:07:17	1	0	1	1	0	0.9355	0.9358	0.0003	0.8472	0.8479	-0.0007
2023-09-24T14:14:06	3	0	2	2	0	1.0485	1.0469	-0.0016	0.9936	0.9954	-0.0018
2023-09-24T14:15:16	1	0	6	7	-1	0.9406	0.9409	0.0004	0.9695	0.97	-0.0005
2023-09-24T14:16:17	1	0	6	8	-2	1.0573	1.0578	0.0005	0.9497	0.9494	0.0003
2023-09-24T14:16:29	2	0	7	8	-1	1.0419	1.0423	0.0004	-0.9933	-0.9932	-0.0001
2023-09-24T14:17:15	2	0	3	3	0	1.0460	1.0454	-0.0006	-0.9949	-0.9933	-0.0016
2023-09-24T14:17:57	2	0	3	2	1	0.9933	0.9799	-0.0134	0.9814	0.9829	-0.0015
2023-09-24T14:19:16	1	0	28	28	0	1.0551	1.0551	-0.0001	0.9707	0.9653	0.0054
2023-09-24T14:19:19	1	0	15	15	0	1.0454	1.0451	-0.0002	-0.9576	-0.9576	0.0000
2023-09-24T14:20:04	4	0	1	0	1	1.0450	null	null	-0.9989	-0.9989	0.0000
2023-09-24T14:21:20	3	0	4	4	0	1.0493	1.0492	-0.0002	-0.9996	-0.9996	0.0000
2023-09-24T14:22:18	2	0	1	1	0	0.9354	0.9358	0.0004	0.8516	0.8523	-0.0007
2023-09-24T14:22:22	1	0	8	8	0	0.9866	0.9866	0.0000	0.9897	0.9898	-0.0001
2023-09-24T14:25:26	1	0	1	1	0	0.9253	0.9253	0.0000	0.9996	0.9996	0.0000
2023-09-24T14:27:32	5	0	124	122	2	0.9188	0.9190	0.0002	0.9147	0.9146	0.0001
2023-09-24T14:29:39	1	0	14	14	0	1.0471	1.0469	-0.0001	-0.9999	-0.9999	0.0000
2023-09-24T14:30:06	1	0	1	1	0	1.0232	1.0232	0.0000	0.9616	0.962	-0.0004
2023-09-24T14:30:17	1	0	81	77	4	0.9368	0.9370	0.0002	0.9687	0.9693	-0.0006
2023-09-24T14:31:18	1	0	3	3	0	1.0481	1.0479	-0.0002	0.9991	0.999	0.0001
2023-09-24T14:31:30	2	0	6	6	0	1.0381	1.0381	-0.0001	-0.9939	-0.9939	0.0000
2023-09-24T14:32:16	1	0	2	2	0	1.0405	1.0403	-0.0002	-0.9935	-0.9933	-0.0002
2023-09-24T14:33:23	1	0	23	23	0	1.0445	1.0451	0.0006	0.9614	0.9625	-0.0011
2023-09-24T14:34:02	1	0	4	4	0	1.0067	1.0068	0.0001	0.9972	0.9971	0.0001
2023-09-24T14:34:17	1	0	57	57	0	1.0568	1.0568	0.0000	0.9707	0.9707	0.0000
2023-09-24T14:34:20	1	0	6	6	0	1.0337	1.0337	0.0000	-0.9679	-0.9678	-0.0001
2023-09-24T14:35:05	4	0	1	1	0	0.9377	0.9396	0.0019	-0.9989	-0.9994	0.0005
2023-09-24T14:35:53	2	0	5	5	0	1.0044	1.0044	0.0000	-0.9989	-0.9989	0.0000
2023-09-24T14:36:21	2	0	3	3	0	1.0539	1.0539	-0.0001	-0.9991	-0.9991	0.0000
2023-09-24T14:37:08	1	0	89	89	0	0.9261	0.9261	0.0000	0.9902	0.9902	0.0000
2023-09-24T14:37:23	1	0	8	8	0	0.9841	0.9841	0.0000	0.9888	0.9888	0.0000
2023-09-24T14:38:00	1	0	32	31	1	1.0509	1.0510	0.0001	-0.9857	-0.9858	0.0001
2023-09-24T14:40:27	1	0	1	1	0	0.9130	0.9130	0.0000	0.9994	0.9994	0.0000
2023-09-24T14:40:43	1	0	19	18	1	1.0532	1.0531	-0.0001	0.9976	0.9976	0.0000
2023-09-24T14:42:33	5	0	312	311	1	0.8091	0.8093	0.0002	0.8789	0.8727	0.0062

2023-09-24T14:43:28	1	0	30	30	0	1.0518	1.0518	0.0000	0.9911	0.991	0.0001
2023-09-24T14:44:09	3	0	2	2	0	1.0497	1.0490	-0.0007	0.996	0.9958	0.0002
2023-09-24T14:45:18	1	0	7	7	0	0.9415	0.9416	0.0001	0.9691	0.9697	-0.0006
2023-09-24T14:46:19	6	0	2	1	1	1.0470	1.0450	-0.0021	-0.9967	0.9994	0.0039
2023-09-24T14:46:43	1	0	7	8	-1	1.0445	1.0445	0.0000	-0.9916	-0.9916	0.0000
2023-09-24T14:48:24	1	0	41	36	5	1.0535	1.0525	-0.0010	0.9687	0.9588	0.0099
2023-09-24T14:49:34	10	0	383	200	183	1.1207	1.1095	-0.0112	0	0	0.0000
2023-09-24T14:52:20	2	0	1	1	0	0.9390	0.9392	0.0002	0.859	0.8592	-0.0002
2023-09-24T14:53:55	3	0	7	7	0	1.0371	1.0367	-0.0004	0.9834	0.9832	0.0002
2023-09-24T14:57:34	1	0	303	303	0	0.8502	0.8503	0.0000	0.8757	0.8677	0.0080
2023-09-24T15:04:59	6	0	6	4	2	1.0512	1.0204	-0.0307	-0.9997	-0.9998	0.0001
2023-09-24T15:05:55	7	0	41	35	6	0.9967	0.9963	-0.0004	-1	0.9998	0.0002
2023-09-24T15:06:23	1	0	4	4	0	1.0476	1.0476	0.0000	-0.9997	-0.9998	0.0001
2023-09-24T15:11:01	1	0	2	2	0	0.9378	0.9387	0.0010	0.98	0.9817	-0.0017
2023-09-24T15:15:21	1	0	60	59	1	1.0558	1.0555	-0.0004	-0.9027	-0.9048	0.0021
2023-09-24T15:18:01	2	0	9	9	0	0.9676	0.9675	0.0000	0.9816	0.9831	-0.0015
2023-09-24T15:19:59	2	0	3	0	3	1.0488	null	null	-0.9994	-0.9995	0.0001
2023-09-24T15:20:38	2	0	5	4	1	1.0520	1.0499	-0.0022	-0.8515	-0.8525	0.0010
2023-09-24T15:20:54	1	0	40	40	0	0.9403	0.9403	0.0000	0.9912	0.9912	0.0000
2023-09-24T15:26:02	1	0	2	2	0	0.9351	0.9360	0.0008	0.9795	0.9793	0.0002
2023-09-24T15:27:39	2	0	265	263	2	0.8883	0.8885	0.0002	0.8931	0.8919	0.0012
2023-09-24T15:29:02	1	0	3	3	0	1.0235	1.0232	-0.0003	0.9887	0.9886	0.0001
2023-09-24T15:30:24	1	0	46	44	2	1.0536	1.0531	-0.0004	-0.8939	-0.8966	0.0027
2023-09-24T15:32:20	1	0	3	3	0	1.0371	1.0370	0.0000	-0.9913	-0.991	-0.0003
2023-09-24T15:38:58	1	0	34	34	0	0.9388	0.9390	0.0002	0.954	0.9535	0.0005
2023-09-24T15:48:04	2	0	2	2	0	0.9837	0.9834	-0.0003	0.974	0.9739	0.0001
2023-09-24T15:49:38	1	0	17	17	0	1.0329	1.0329	0.0000	0.9755	0.9752	0.0003
2023-09-24T15:51:20	1	0	4	4	0	1.0290	1.0289	-0.0001	1	-0.9999	-0.0001
2023-09-24T16:12:46	2	0	312	311	1	0.8103	0.8104	0.0001	0.8781	0.8717	0.0064
2023-09-24T16:18:26	1	0	3	3	0	1.0228	1.0227	-0.0002	0.9751	0.9751	0.0000
2023-09-24T16:18:30	1	0	16	16	0	1.0401	1.0404	0.0003	0.964	0.957	0.0070
2023-09-24T16:20:58	1	0	93	92	1	0.9391	0.9390	-0.0001	0.9872	0.9874	-0.0002
2023-09-24T16:27:47	2	0	117	117	0	0.9153	0.9154	0.0001	0.9163	0.9051	0.0112
2023-09-24T16:32:16	2	0	58	58	0	1.0415	1.0415	0.0000	-0.8553	-0.8546	-0.0007
2023-09-24T16:33:31	1	0	20	20	0	1.0484	1.0482	-0.0002	0.9745	0.9673	0.0072
2023-09-24T17:21:02	1	0	81	81	0	0.9391	0.9391	0.0000	0.9906	0.9908	-0.0002
2023-09-24T17:36:03	1	0	46	46	0	0.9404	0.9404	0.0000	0.9929	0.993	-0.0001
2023-09-24T18:05:59	1	0	71	71	0	1.0550	1.0550	0.0000	-0.9999	-0.9999	0.0000
2023-09-25T07:54:57	1	0	18	17	1	0.9437	0.9437	0.0001	0.93	0.93	0.0000
2023-09-25T08:10:11	1	0	134	134	0	1.0558	1.0558	0.0000	1	1	0.0000
2023-09-25T08:19:43	1	0	65	65	0	0.9224	0.9225	0.0001	0.8315	0.8323	-0.0008
2023-09-25T08:23:43	2	0	33	29	4	0.9426	0.9425	-0.0001	0.9973	0.9975	-0.0002
2023-09-25T08:25:36	1	0	1	1	0	1.0341	1.0338	-0.0003	-0.9501	-0.9497	-0.0004
2023-09-25T08:44:14	1	0	76	76	0	1.0550	1.0549	-0.0001	-0.8695	-0.869	-0.0005
2023-09-25T08:48:52	2	0	6	6	0	0.9671	0.9673	0.0002	0.9478	0.9479	-0.0001
2023-09-25T08:51:45	1	0	3	3	0	0.9412	0.9416	0.0004	-0.9917	-0.9915	-0.0002
2023-09-25T09:05:48	2	0	6	6	0	0.9905	0.9904	-0.0001	0.9703	0.9702	0.0001
2023-09-25T09:10:15	1	0	104	102	2	1.0560	1.0560	0.0000	0.9994	0.9994	0.0000
2023-09-25T09:18:32	2	0	4	4	0	0.9391	0.9395	0.0004	0.9415	0.9418	-0.0003
2023-09-25T09:23:47	1	0	5	5	0	0.9441	0.9441	0.0000	-0.9988	-0.9987	-0.0001
2023-09-25T09:24:22	2	0	6	6	0	1.0517	1.0513	-0.0005	0.9908	0.9905	0.0003
2023-09-25T09:25:06	1	0	8	8	0	0.9291	0.9292	0.0001	0.9371	0.9361	0.0010
2023-09-25T09:27:27	3	0	5	5	0	1.0318	1.0312	-0.0005	1	1	0.0000
2023-09-25T09:27:37	1	0	2	2	0	1.0184	1.0181	-0.0002	0.985	0.9849	0.0001
2023-09-25T09:29:20	1	0	79	77	2	1.0555	1.0553	-0.0001	-0.9779	-0.9781	0.0002
2023-09-25T09:31:50	1	0	2	2	0	1.0387	1.0385	-0.0002	-1	-1	0.0000
2023-09-25T09:33:37	1	0	5	5	0	1.0197	1.0197	0.0000	0.9631	0.9633	-0.0002
2023-09-25T09:35:26	5	0	22	22	0	1.0460	1.0466	0.0007	0.9962	0.996	0.0002
2023-09-25T09:36:30	1	0	3	3	0	1.0502	1.0500	-0.0003	-0.9983	-0.9983	0.0000
2023-09-25T09:37:13	1	0	5	5	0	1.0037	1.0036	-0.0001	0.9745	0.9746	-0.0001
2023-09-25T09:40:07	1	0	5	5	0	0.9264	0.9264	0.0000	0.9296	0.9296	0.0000
2023-09-25T09:40:17	1	0	113	112	1	1.0558	1.0558	0.0000	1	1	0.0000
2023-09-25T09:43:52	1	0	88	87	1	0.9377	0.9377	0.0000	0.9919	0.9919	0.0000
2023-09-25T09:44:00	2	0	4	4	0	1.0386	1.0385	-0.0001	-0.9856	-0.9859	0.0003
2023-09-25T09:45:41	1	0	1	1	0	0.8431	0.8434	0.0003	0.9898	0.9898	0.0000
2023-09-25T09:48:50	1	0	1	1	0	0.9345	0.9348	0.0003	0.9951	0.9951	0.0000
2023-09-25T09:49:53	2	0	4	4	0	1.0273	1.0272	-0.0002	0.977	0.9796	-0.0026
2023-09-25T09:50:07	2	0	11	11	0	0.9447	0.9447	-0.0001	0.9251	0.923	0.0021
2023-09-25T09:50:27	2	0	16	15	1	1.0500	1.0501	0.0001	0.9765	0.9763	0.0002
2023-09-25T09:50:44	2	0	6	6	0	1.0023	1.0021	-0.0003	0.9977	-0.9999	-0.0024
2023-09-25T09:50:50	1	0	3	3	0	1.0426	1.0425	-0.0001	0.9994	0.9994	0.0000
2023-09-25T09:52:14	1	0	4	4	0	1.0045	1.0045	0.0000	0.9716	0.9718	-0.0002
2023-09-25T09:52:53	1	0	50	50	0	0.9495	0.9498	0.0003	0.994	0.994	0.0000
2023-09-25T09:53:08	5	0	11	11	0	1.0287	1.0285	-0.0002	0.9995	0.9995	0.0000
2023-09-25T09:53:24	3	0	77	75	2	0.9325	0.9332	0.0007	0.9853	0.9855	-0.0002
2023-09-25T09:55:08	1	0	9	9	0	0.9412	0.9412	0.0000	0.9273	0.9274	-0.0001
2023-09-25T09:55:32	1	0	132	132	0	0.9141	0.9143	0.0003	0.9853	0.9854	-0.0001
2023-09-25T09:55:42	1	0	1	1	0	1.0267	1.0263	-0.0004	-0.9648	-0.9646	-0.0002
2023-09-25T09:56:41	1	0	1	1	0	1.0574	1.0571	-0.0003	0.9987	0.9974	0.0013
2023-09-25T09:57:21	2	0	1	1	0	0.9825	0.9830	0.0005	-0.9982	-0.9982	0.0000
2023-09-25T09:57:29	1	0	3	3	0	1.0298	1.0298	0.0000	-0.9999	-0.9999	0.0000
2023-09-25T09:58:17	1	0	2	2	0	1.0247	1.0245	-0.0003	0.9974	0.9974	0.0000
2023-09-25T09:58:42	2	0	1	1	0	1.0356	1.0328	-0.0028	0.9987	0.9985	0.0002
2023-09-25T09:58:53	2	0	60	57	3	0.9529	0.9532	0.0003	0.9919	0.9919	0.0000
2023-09-25T09:59:26	2	0	141	137	4	1.0584	1.0581	-0.0003	-0.8858	-0.8862	0.0004

2023-09-25T10:00:12	2	0	110	106	4	1.0541	1.0539	-0.0002	0.9648	0.9648	0.0000
2023-09-25T10:00:42	1	0	1	1	0	0.8465	0.8465	0.0000	0.9891	0.9891	0.0000
2023-09-25T10:03:57	1	0	8	8	0	1.0075	1.0074	0.0000	0.9509	0.9508	0.0001
2023-09-25T10:03:58	1	0	8	8	0	1.0393	1.0392	-0.0001	0.9932	0.9932	0.0000
2023-09-25T10:04:54	2	0	3	3	0	1.0293	1.0292	-0.0001	0.9775	0.9774	0.0001
2023-09-25T10:05:08	2	0	1	0	1	1.0561	null	null	0.9289	0.9284	0.0005
2023-09-25T10:05:28	8	0	21	19	2	1.0474	1.0455	-0.0019	0.9966	0.9962	0.0004
2023-09-25T10:05:45	1	0	6	6	0	1.0100	1.0100	0.0000	0.9985	0.9985	0.0000
2023-09-25T10:05:51	1	0	3	3	0	1.0433	1.0432	-0.0001	0.999	0.9989	0.0001
2023-09-25T10:05:52	2	0	9	9	0	0.9997	0.9993	-0.0003	0.9682	0.968	0.0002
2023-09-25T10:06:32	1	0	3	3	0	1.0397	1.0391	-0.0006	-0.998	-0.998	0.0000
2023-09-25T10:07:54	2	0	8	8	0	1.0042	1.0042	0.0000	0.9945	0.9945	0.0000
2023-09-25T10:08:12	1	0	163	160	3	1.0552	1.0552	0.0000	-0.9949	-0.9949	0.0000
2023-09-25T10:08:25	3	0	20	16	4	0.9418	0.9424	0.0006	0.99	0.9902	-0.0002
2023-09-25T10:08:25	3	0	2	0	2	1.0374	null	null	-0.9882	-0.9885	0.0003
2023-09-25T10:09:56	1	0	7	7	0	1.0219	1.0219	0.0000	1	1	0.0000
2023-09-25T10:10:09	1	0	4	4	0	0.8729	0.8731	0.0003	0.9438	0.9442	-0.0004
2023-09-25T10:10:19	2	0	123	111	12	1.0562	1.0559	-0.0003	0.9998	0.9998	0.0000
2023-09-25T10:10:43	1	0	1	1	0	1.0377	1.0361	-0.0016	-0.9635	-0.9635	0.0000
2023-09-25T10:11:42	1	0	1	1	0	1.0597	1.0593	-0.0004	0.9984	0.9983	0.0001
2023-09-25T10:12:30	3	0	4	4	0	1.0300	1.0288	-0.0011	-1	-1	0.0000
2023-09-25T10:13:54	1	0	76	76	0	0.9432	0.9432	0.0000	0.9899	0.9898	0.0001
2023-09-25T10:14:05	2	0	5	5	0	1.0427	1.0426	-0.0001	-0.9832	-0.9838	0.0006
2023-09-25T10:15:02	1	0	10	10	0	1.0310	1.0309	-0.0001	0.9708	0.9705	0.0003
2023-09-25T10:17:52	2	0	29	27	2	0.9465	0.9471	0.0006	0.9596	0.9596	0.0000
2023-09-25T10:18:40	2	0	1	2	-1	0.9369	0.9960	0.0591	0.9516	0.9518	-0.0002
2023-09-25T10:18:58	1	0	8	8	0	0.9823	0.9829	0.0006	0.9459	0.9461	-0.0002
2023-09-25T10:18:59	3	0	6	6	0	1.0386	1.0383	-0.0003	0.994	0.9939	0.0001
2023-09-25T10:19:25	1	0	1	1	0	0.9435	0.9449	0.0014	0.9953	0.9954	-0.0001
2023-09-25T10:20:29	3	0	22	22	0	1.0439	1.0436	-0.0002	0.9945	0.9944	0.0001
2023-09-25T10:20:46	4	0	4	4	0	1.0114	1.0107	-0.0007	-1	0.9964	0.0036
2023-09-25T10:20:46	2	0	4	4	0	1.0418	1.0415	-0.0004	-0.998	-0.9979	-0.0001
2023-09-25T10:22:45	1	0	1	1	0	1.0585	1.0582	-0.0003	0.9916	0.9915	0.0001
2023-09-25T10:23:53	1	0	2	2	0	1.0328	1.0327	-0.0001	0.992	0.992	0.0000
2023-09-25T10:27:23	2	0	1	1	0	0.9900	0.9906	0.0006	-0.9976	-0.9975	-0.0001
2023-09-25T10:27:41	1	0	4	4	0	1.0227	1.0224	-0.0003	0.9848	0.9846	0.0002
2023-09-25T10:30:04	2	0	10	10	0	1.0318	1.0316	-0.0002	0.9657	0.9653	0.0004
2023-09-25T10:31:10	2	0	13	13	0	1.0498	1.0496	-0.0002	-0.9878	-0.9912	0.0034
2023-09-25T10:31:33	2	0	10	10	0	1.0273	1.0271	-0.0002	0.9685	0.9681	0.0004
2023-09-25T10:31:54	4	0	182	175	7	1.0566	1.0565	-0.0001	-0.9987	-0.9987	0.0000
2023-09-25T10:32:34	1	0	37	37	0	1.0503	1.0503	0.0000	0.9998	0.9997	0.0001
2023-09-25T10:33:59	1	0	9	9	0	1.0077	1.0078	0.0000	0.9436	0.9437	-0.0001
2023-09-25T10:34:00	1	0	7	7	0	1.0377	1.0377	0.0000	0.9943	0.9943	0.0000
2023-09-25T10:35:30	1	0	22	22	0	1.0453	1.0454	0.0000	0.9951	0.9951	0.0000
2023-09-25T10:35:30	1	0	19	19	0	1.0547	1.0546	-0.0001	0.9734	0.9733	0.0001
2023-09-25T10:36:43	4	0	727	727	0	1.0754	1.0750	-0.0004	0.9365	0.9343	0.0022
2023-09-25T10:36:52	1	0	2	2	0	0.9415	0.9430	0.0016	-0.9943	-0.9937	-0.0006
2023-09-25T10:36:56	1	0	17	15	2	1.0460	1.0452	-0.0008	0.983	0.983	0.0000
2023-09-25T10:38:11	5	0	10	10	0	1.0281	1.0277	-0.0003	0.9996	0.9996	0.0000
2023-09-25T10:39:27	2	0	5	5	0	1.0527	1.0525	-0.0002	0.9754	0.9742	0.0012
2023-09-25T10:40:07	2	0	5	3	2	1.0572	1.0571	-0.0002	0.9903	0.99	0.0003
2023-09-25T10:42:32	3	0	7	7	0	1.0356	1.0352	-0.0004	1	1	0.0000
2023-09-25T10:44:07	1	0	231	231	0	1.0666	1.0665	-0.0001	-0.9937	-0.9938	0.0001
2023-09-25T10:44:23	1	0	7	7	0	1.0475	1.0475	-0.0001	-0.9987	-0.9987	0.0000
2023-09-25T10:44:41	1	0	2	2	0	1.0386	1.0385	-0.0002	0.9897	0.9897	0.0000
2023-09-25T10:45:55	1	0	15	15	0	1.0505	1.0505	-0.0001	-0.9353	-0.9352	-0.0001
2023-09-25T10:46:48	4	0	1	0	1	1.0374	null	null	-0.9815	-0.9816	0.0001
2023-09-25T10:46:58	1	0	2	2	0	1.0443	1.0441	-0.0003	0.9916	0.9915	0.0001
2023-09-25T10:47:27	1	0	1	0	1	1.0558	null	null	0.9625	0.9573	0.0052
2023-09-25T10:48:54	1	0	11	10	1	1.0505	1.0499	-0.0006	-0.9459	-0.946	0.0001
2023-09-25T10:50:31	2	0	16	16	0	1.0528	1.0526	-0.0002	0.972	0.9716	0.0004
2023-09-25T10:50:48	2	0	9	9	0	1.0064	1.0061	-0.0003	0.9959	0.9999	-0.0040
2023-09-25T10:50:54	2	0	4	4	0	1.0482	1.0480	-0.0002	0.9985	0.9983	0.0002
2023-09-25T10:52:57	1	0	6	6	0	0.9850	0.9851	0.0001	0.9915	0.9915	0.0000
2023-09-25T10:54:59	1	0	6	6	0	1.0265	1.0264	0.0000	-1	-1	0.0000
2023-09-25T10:55:08	1	0	4	4	0	1.0565	1.0563	-0.0001	0.9872	0.9871	0.0001
2023-09-25T10:55:46	1	0	1	1	0	1.0394	1.0391	-0.0003	-0.9706	-0.9706	0.0000
2023-09-25T10:56:45	1	0	6	6	0	1.0565	1.0565	-0.0001	0.9984	0.9984	0.0000
2023-09-25T10:57:39	1	0	6	5	1	1.0336	1.0283	-0.0054	-0.9835	-0.9836	0.0001
2023-09-25T10:58:45	1	0	8	8	0	1.0449	1.0448	-0.0001	0.9763	0.9762	0.0001
2023-09-25T10:59:08	1	0	169	167	2	1.0629	1.0628	-0.0001	0.9998	0.9998	0.0000
2023-09-25T11:03:55	1	0	11	10	1	1.0512	1.0504	-0.0008	-0.9425	-0.9428	0.0003
2023-09-25T11:04:10	6	0	17	13	4	0.9571	0.9605	0.0034	0.9997	0.9997	0.0000
2023-09-25T11:05:32	1	0	22	22	0	1.0430	1.0419	-0.0011	0.995	0.9949	0.0001
2023-09-25T11:07:19	1	0	9	9	0	1.0350	1.0349	-0.0001	0.9785	0.9787	-0.0002
2023-09-25T11:09:29	1	0	11	11	0	1.0549	1.0548	-0.0001	0.9913	0.9908	0.0005
2023-09-25T11:10:09	1	0	4	4	0	1.0226	1.0225	-0.0001	0.9898	0.9881	0.0017
2023-09-25T11:12:34	1	0	6	6	0	1.0368	1.0367	-0.0001	-1	-1	0.0000
2023-09-25T11:13:58	1	0	86	85	1	0.9440	0.9409	-0.0032	0.9896	0.9896	0.0000
2023-09-25T11:14:44	1	0	1	1	0	1.0561	1.0550	-0.0011	0.9976	0.9976	0.0000
2023-09-25T11:16:36	1	0	7	7	0	1.0288	1.0288	0.0000	0.9686	0.9685	0.0001
2023-09-25T11:16:57	1	0	278	276	2	1.0570	1.0570	0.0000	-0.9989	-0.9989	0.0000
2023-09-25T11:17:29	1	0	1	1	0	1.0574	1.0572	-0.0002	0.9561	0.9561	0.0000
2023-09-25T11:17:35	1	0	33	33	0	1.0476	1.0475	-0.0001	0.9994	0.9994	0.0000
2023-09-25T11:18:44	1	0	3	2	1	1.0176	0.9922	-0.0254	0.9405	0.9397	0.0008

2023-09-25T11:18:56	2	0	2	2	0	0.9325	0.9328	0.0003	0.9946	0.9943	0.0003
2023-09-25T11:19:11	2	0	9	9	0	1.0439	1.0437	-0.0003	0.9936	0.9935	0.0001
2023-09-25T11:20:33	2	0	19	15	4	1.0519	1.0528	0.0010	0.9689	0.9687	0.0002
2023-09-25T11:20:37	1	0	2	2	0	1.0580	1.0576	-0.0003	1	1	0.0000
2023-09-25T11:20:50	5	0	4	4	0	1.0103	1.0100	-0.0003	0.9999	0.9958	0.0041
2023-09-25T11:21:37	1	0	2	2	0	1.0087	1.0088	0.0001	-0.9998	-0.9998	0.0000
2023-09-25T11:21:45	2	0	5	5	0	1.0551	1.0550	-0.0001	-0.9948	-0.9949	0.0001
2023-09-25T11:28:23	1	0	1	2	-1	1.0290	1.0274	-0.0016	0.9948	0.996	-0.0012
2023-09-25T11:28:48	3	0	5	6	-1	1.0388	1.0413	0.0025	0.9991	0.9983	0.0008
2023-09-25T11:29:38	1	0	7	7	0	1.0472	1.0472	0.0000	-0.999	-0.999	0.0000
2023-09-25T11:31:37	1	0	7	7	0	1.0276	1.0276	0.0000	0.9679	0.9677	0.0002
2023-09-25T11:31:51	4	0	1	1	0	1.0367	1.0360	-0.0007	-0.9833	-0.9835	0.0002
2023-09-25T11:34:30	1	0	1	1	0	1.0642	1.0642	0.0000	0.9964	0.9964	0.0000
2023-09-25T11:38:58	1	0	1	1	0	1.0325	1.0325	0.0000	0.99	0.99	0.0000
2023-09-25T11:42:42	1	0	2	2	0	0.9853	0.9853	0.0000	-0.9961	-0.9997	0.0036
2023-09-25T11:46:38	2	0	5	5	0	1.0269	1.0269	0.0000	0.9702	0.9701	0.0001
2023-09-25T11:47:05	3	0	6	6	0	1.0487	1.0487	-0.0001	0.9921	0.9921	0.0000
2023-09-25T11:48:58	1	0	11	10	1	1.0497	1.0490	-0.0008	-0.9317	-0.9319	0.0002
2023-09-25T11:49:31	1	0	1	1	0	1.0614	1.0614	0.0000	0.9966	0.9966	0.0000
2023-09-25T11:50:52	7	0	7	8	-1	1.0053	1.0057	0.0003	0.9965	-1	-0.0035
2023-09-25T11:51:47	1	0	7	7	0	1.0523	1.0523	0.0000	-0.9972	-0.9973	0.0001
2023-09-25T11:51:57	1	0	4	5	-1	0.9401	0.9405	0.0004	-0.9983	-0.9984	0.0001
2023-09-25T11:53:19	1	0	59	59	0	1.0510	1.0510	0.0000	-0.9988	-0.9988	0.0000
2023-09-25T11:57:43	1	0	3	3	0	1.0064	1.0064	0.0000	-0.9959	-0.9959	0.0000
2023-09-25T12:01:39	2	0	5	5	0	1.0265	1.0265	0.0000	0.9704	0.9702	0.0002
2023-09-25T12:03:55	1	0	11	10	1	1.0540	1.0538	-0.0002	0.9455	0.943	0.0025
2023-09-25T12:05:25	1	0	12	11	1	1.0478	1.0470	-0.0008	1	1	0.0000
2023-09-25T12:05:53	4	0	1	1	0	1.0092	1.0082	-0.0010	0.9998	0.9998	0.0000
2023-09-25T12:07:02	1	0	10	10	0	1.0390	1.0390	0.0000	-0.9989	-0.9989	0.0000
2023-09-25T12:08:20	1	0	107	107	0	1.0555	1.0555	0.0000	-0.9976	-0.9976	0.0000
2023-09-25T12:11:50	2	0	3	3	0	0.9663	0.9660	-0.0003	0.9897	0.9897	0.0000
2023-09-25T12:12:44	1	0	3	3	0	1.0067	1.0068	0.0000	-0.9971	-0.9938	-0.0033
2023-09-25T12:16:40	3	0	9	9	0	1.0264	1.0262	-0.0002	0.9694	0.9691	0.0003
2023-09-25T12:18:07	1	0	10	10	0	1.0366	1.0367	0.0001	0.9005	0.9007	-0.0002
2023-09-25T12:24:03	1	0	1	0	1	1.0320	null	null	0.99	0.9901	-0.0001
2023-09-25T12:28:12	2	0	45	44	1	1.0520	1.0519	-0.0001	0.9956	0.9955	0.0001
2023-09-25T12:31:41	3	0	5	5	0	1.0270	1.0268	-0.0001	0.9682	0.9682	0.0000
2023-09-25T12:31:55	4	0	1	1	0	1.0562	1.0560	-0.0002	-0.9861	-0.9858	-0.0003
2023-09-25T13:04:36	1	0	1	1	0	1.0630	1.0630	0.0000	0.9952	0.9952	0.0000
2023-09-25T13:05:57	4	0	3	4	-1	1.0224	1.0314	0.0090	-0.9977	-0.9974	-0.0003
2023-09-25T13:07:06	1	0	3	4	-1	0.9366	0.9379	0.0013	-0.9856	-0.9859	0.0003
2023-09-25T13:20:58	2	0	3	3	0	1.0246	1.0246	0.0000	-0.9967	-0.9964	-0.0003
2023-09-25T13:22:12	1	0	5	5	0	1.0071	1.0071	0.0000	0.9997	0.9997	0.0000
2023-09-25T13:28:56	2	0	4	5	-1	1.0313	1.0375	0.0062	0.9995	0.9996	-0.0001
2023-09-25T13:36:10	1	0	5	6	-1	1.0518	1.0525	0.0007	-0.9999	-0.9998	-0.0001
2023-09-25T13:43:57	1	0	4	4	0	1.0299	1.0299	0.0000	0.9994	0.9994	0.0000
2023-09-25T13:46:46	1	0	7	7	0	1.0301	1.0301	0.0000	0.9691	0.9689	0.0002
2023-09-25T13:47:13	3	0	2	2	0	1.0419	1.0419	0.0000	0.9896	0.9896	0.0000
2023-09-25T13:48:13	1	0	1	1	0	0.9382	0.9385	0.0003	0.8833	0.8835	-0.0002
2023-09-25T14:04:22	6	0	2	2	0	1.0431	1.0431	0.0000	-0.9997	-0.9997	0.0000
2023-09-25T14:05:48	2	0	2	2	0	1.0578	1.0578	0.0000	1	1	0.0000
2023-09-25T14:07:10	1	0	3	3	0	0.9374	0.9377	0.0003	-0.9787	-0.9784	-0.0003
2023-09-25T14:08:41	3	0	1	2	-1	0.9412	0.9430	0.0017	0.9914	0.9913	0.0001
2023-09-25T14:13:34	1	0	3	3	0	1.0302	1.0301	-0.0001	0.996	0.996	0.0000
2023-09-25T14:14:53	1	0	246	249	-3	1.0632	1.0630	-0.0002	-0.8722	-0.8715	-0.0007
2023-09-25T14:15:03	1	0	12	12	0	1.0447	1.0447	-0.0001	-0.9993	-0.9993	0.0000
2023-09-25T14:16:48	2	0	8	8	0	1.0293	1.0293	0.0000	0.9674	0.9673	0.0001
2023-09-25T14:17:49	4	0	321	319	2	1.0583	1.0583	0.0000	-1	-1	0.0000
2023-09-25T14:19:19	4	0	6	6	0	1.0184	1.0184	0.0000	0.9538	0.9538	0.0000
2023-09-25T14:20:14	2	0	1	2	-1	1.0474	1.0462	-0.0012	0.9795	0.9816	-0.0021
2023-09-25T14:20:25	2	0	4	5	-1	1.0278	1.0334	0.0056	0.9182	0.9183	-0.0001
2023-09-25T14:20:49	2	0	2	2	0	1.0576	1.0574	-0.0002	0.9998	0.9998	0.0000
2023-09-25T14:22:11	1	0	3	3	0	0.9373	0.9377	0.0003	-0.9812	-0.9808	-0.0004
2023-09-25T14:22:16	1	0	7	7	0	1.0363	1.0362	-0.0001	0.9996	0.9996	0.0000
2023-09-25T14:22:32	2	0	2	2	0	1.0009	1.0009	0.0000	0.9702	0.9706	-0.0004
2023-09-25T14:23:42	3	0	1	1	0	0.9444	0.9446	0.0002	0.9935	0.9936	-0.0001
2023-09-25T14:23:58	2	0	9	9	0	1.0381	1.0377	-0.0004	0.9999	1	-0.0001
2023-09-25T14:25:22	3	0	2	2	0	1.0612	1.0611	-0.0001	0.9904	0.9886	0.0018
2023-09-25T14:26:59	3	0	9	9	0	1.0542	1.0541	0.0000	0.999	0.998	0.0010
2023-09-25T14:29:14	3	0	17	17	0	1.0066	1.0065	0.0000	0.9848	0.9847	0.0001
2023-09-25T14:29:48	1	0	1	1	0	0.7881	0.7881	0.0000	0.9997	0.9997	0.0000
2023-09-25T14:29:56	1	0	290	288	2	1.0636	1.0632	-0.0004	-0.8764	-0.8774	0.0010
2023-09-25T14:30:18	1	0	17	17	0	1.0453	1.0452	-0.0001	-0.9993	-0.9993	0.0000
2023-09-25T14:31:12	2	0	18	19	-1	1.0404	1.0348	-0.0055	-0.965	-0.9618	-0.0032
2023-09-25T14:35:15	2	0	2	2	0	1.0318	1.0317	-0.0001	0.9846	0.9846	0.0000
2023-09-25T14:35:26	2	0	31	31	0	0.9424	0.9425	0.0001	0.9062	0.906	0.0002
2023-09-25T14:35:46	2	0	25	25	0	1.0433	1.0432	0.0000	0.9951	0.995	0.0001
2023-09-25T14:35:50	2	0	2	2	0	1.0567	1.0566	-0.0001	-1	-1	0.0000
2023-09-25T14:36:06	6	0	3	2	1	1.0077	1.0060	-0.0017	-0.9996	-0.9999	0.0003
2023-09-25T14:36:14	1	0	5	5	0	1.0529	1.0528	-0.0001	-0.9988	-0.9989	0.0001
2023-09-25T14:37:33	2	0	3	3	0	0.9992	0.9991	-0.0001	0.9698	0.9701	-0.0003
2023-09-25T14:38:14	2	0	12	12	0	1.0496	1.0495	-0.0001	0.9997	0.9996	0.0001
2023-09-25T14:38:17	1	0	6	6	0	0.9748	0.9750	0.0002	0.9941	0.9941	0.0000
2023-09-25T14:38:21	1	0	12	11	1	1.0336	1.0317	-0.0019	0.972	0.972	0.0000
2023-09-25T14:38:43	3	0	3	3	0	1.0117	1.0118	0.0001	0.9929	0.993	-0.0001

2023-09-25T14:38:59	3	0	9	9	0	1.0336	1.0333	-0.0003	0.9997	0.9999	-0.0002
2023-09-25T14:40:23	2	0	7	7	0	0.9737	0.9736	-0.0001	0.9855	0.9854	0.0001
2023-09-25T14:44:15	2	0	85	85	0	0.9422	0.9422	0.0000	0.9793	0.9793	0.0000
2023-09-25T14:44:49	1	0	1	1	0	0.7708	0.7708	0.0000	0.9994	0.9994	0.0000
2023-09-25T14:45:01	1	0	319	315	4	1.0654	1.0651	-0.0004	-0.8806	-0.8812	0.0006
2023-09-25T14:47:17	1	0	18	17	1	1.0472	1.0466	-0.0006	0.989	0.989	0.0000
2023-09-25T14:47:51	8	0	461	448	13	1.0599	1.0598	-0.0001	-1	1	0.0000
2023-09-25T14:48:58	1	0	7	8	-1	1.0338	1.0366	0.0028	0.95	0.9506	-0.0006
2023-09-25T14:49:21	1	0	10	10	0	1.0270	1.0269	-0.0001	0.9572	0.9569	0.0003
2023-09-25T14:50:27	3	0	295	294	1	0.8828	0.8832	0.0004	0.8532	0.8537	-0.0005
2023-09-25T14:50:36	1	0	20	19	1	1.0505	1.0501	-0.0004	-0.9999	-0.9999	0.0000
2023-09-25T14:52:13	1	0	3	3	0	0.9394	0.9399	0.0005	-0.9859	-0.9857	-0.0002
2023-09-25T14:54:14	2	0	77	66	11	0.9399	0.9402	0.0003	0.9746	0.9755	-0.0009
2023-09-25T14:57:02	3	0	12	12	0	1.0510	1.0510	-0.0001	0.9988	0.9987	0.0001
2023-09-25T14:58:37	1	0	3	3	0	1.0310	1.0309	-0.0001	0.9958	0.9958	0.0000
2023-09-25T14:59:02	1	0	7	7	0	1.0458	1.0457	-0.0001	0.9735	0.9733	0.0002
2023-09-25T15:00:30	1	0	19	19	0	1.0444	1.0444	0.0000	-0.9998	-0.9998	0.0000
2023-09-25T15:03:19	2	0	27	26	1	0.9779	0.9748	-0.0031	0.9639	0.9639	0.0000
2023-09-25T15:04:22	1	0	9	9	0	1.0109	1.0110	0.0001	0.9531	0.9533	-0.0002
2023-09-25T15:04:26	2	0	19	18	1	1.0481	1.0477	-0.0004	0.9534	0.9534	0.0000
2023-09-25T15:10:25	1	0	3	3	0	1.0471	1.0471	0.0000	0.9943	0.9943	0.0000
2023-09-25T15:10:55	1	0	1	1	0	0.9412	0.9421	0.0009	0.9853	0.9856	-0.0003
2023-09-25T15:13:03	2	0	5	5	0	1.0174	1.0173	-0.0001	0.9837	0.9832	0.0005
2023-09-25T15:13:29	1	0	6	6	0	1.0464	1.0462	-0.0002	-0.9986	-0.9988	0.0002
2023-09-25T15:19:24	6	0	26	26	0	1.0365	1.0363	-0.0002	0.994	0.9938	0.0002
2023-09-25T15:27:38	2	0	4	4	0	1.0362	1.0357	-0.0005	0.987	0.987	0.0000
2023-09-25T15:29:38	2	0	47	46	1	0.9249	0.9161	-0.0087	0.9842	0.9841	0.0001
2023-09-25T15:29:44	6	0	2	0	2	1.0460	null	null	0.9956	0.9779	0.0177
2023-09-25T15:30:28	2	0	13	13	0	1.0315	1.0314	-0.0001	0.9714	0.971	0.0004
2023-09-25T15:31:55	1	0	10	11	-1	1.0357	1.0366	0.0009	0.9028	0.903	-0.0002
2023-09-25T15:32:32	4	0	165	163	2	0.9323	0.9287	-0.0036	0.9439	0.9442	-0.0003
2023-09-25T15:33:03	1	0	24	24	0	1.0378	1.0377	-0.0001	0.9568	0.9566	0.0002
2023-09-25T15:34:42	1	0	4	4	0	1.0359	1.0359	-0.0001	-0.9999	-0.9989	-0.0010
2023-09-25T15:35:28	1	0	63	63	0	1.0614	1.0611	-0.0002	-0.9989	-0.9989	0.0000
2023-09-25T15:44:47	1	0	1	1	0	1.0387	1.0382	-0.0005	0.937	0.9364	0.0006
2023-09-25T15:46:56	1	0	11	15	-4	1.0471	1.0398	-0.0072	0.909	0.9086	0.0004
2023-09-25T15:55:37	2	0	2	2	0	0.9872	0.9865	-0.0008	0.9969	0.9968	0.0001
2023-09-25T16:00:43	4	0	1	1	0	1.0386	1.0381	-0.0005	-0.9894	-0.9895	0.0001
2023-09-25T16:17:22	1	0	3	4	-1	0.9575	0.9680	0.0105	0.9688	0.9692	-0.0004
2023-09-25T16:24:31	1	0	3	3	0	1.1295	1.1293	-0.0002	0.9853	0.9852	0.0001
2023-09-25T16:24:45	1	0	1	0	1	1.0279	null	null	-0.9721	-0.9718	-0.0003
2023-09-25T16:28:51	1	0	1	1	0	0.9414	0.9420	0.0006	0.9592	0.9593	-0.0001
2023-09-25T16:47:00	1	0	15	15	0	1.0401	1.0402	0.0001	0.9133	0.906	0.0073
2023-09-25T16:47:24	1	0	6	6	0	0.9827	0.9826	-0.0002	0.9727	0.9723	0.0004
2023-09-25T16:54:47	1	0	1	1	0	1.0280	1.0278	-0.0002	-0.9784	-0.9757	-0.0027
2023-09-25T17:18:57	1	0	79	79	0	0.9092	0.9094	0.0003	0.8322	0.8331	-0.0009
2023-09-26T07:50:20	1	0	89	89	0	0.9402	0.9402	0.0001	0.9997	0.9998	-0.0001
2023-09-26T08:04:46	1	0	49	49	0	0.9223	0.9224	0.0001	0.8337	0.8344	-0.0007
2023-09-26T08:05:25	3	0	275	272	3	1.0618	1.0617	0.0000	-0.9941	-0.9941	0.0000
2023-09-26T08:10:12	1	0	124	122	2	1.0567	1.0567	0.0000	0.9999	0.9999	0.0000
2023-09-26T08:13:43	2	0	3	3	0	1.0286	1.0284	-0.0002	-0.9889	-0.9892	0.0003
2023-09-26T08:36:48	1	0	2	2	0	0.9412	0.9415	0.0003	1	1	0.0000
2023-09-26T08:40:43	1	0	1	1	0	1.0332	1.0328	-0.0004	-0.9361	-0.9356	-0.0005
2023-09-26T08:42:57	2	0	6	6	0	0.9673	0.9675	0.0002	0.9425	0.9412	0.0013
2023-09-26T08:50:13	2	0	233	232	1	1.0606	1.0604	-0.0002	0.9801	0.9746	0.0055
2023-09-26T08:50:28	1	0	130	127	3	1.0576	1.0576	0.0000	-0.995	-0.995	0.0000
2023-09-26T08:51:49	2	0	549	200	349	0.8560	0.9005	0.0444	0.9218	0.9802	-0.0584
2023-09-26T09:03:41	1	0	8	8	0	1.0192	1.0190	-0.0002	0.968	0.9679	0.0001
2023-09-26T09:05:29	2	0	186	181	5	1.0574	1.0574	0.0000	-0.9958	-0.9958	0.0000
2023-09-26T09:27:36	1	0	3	3	0	1.0070	1.0068	-0.0002	-0.9656	-0.9656	0.0000
2023-09-26T09:27:42	1	0	4	4	0	1.0228	1.0227	-0.0002	0.9878	0.9878	0.0000
2023-09-26T09:28:48	1	0	2	2	0	1.0271	1.0268	-0.0003	0.9995	0.9994	0.0001
2023-09-26T09:29:08	2	0	3	3	0	1.0312	1.0311	-0.0001	-0.9813	-0.9816	0.0003
2023-09-26T09:31:44	1	0	10	10	0	1.0336	1.0336	-0.0001	0.989	0.9886	0.0004
2023-09-26T09:31:52	1	0	1	1	0	1.0396	1.0392	-0.0004	0.9998	0.9998	0.0000
2023-09-26T09:33:24	1	0	3	3	0	0.9838	0.9839	0.0001	0.9663	0.9666	-0.0003
2023-09-26T09:34:07	1	0	5	5	0	1.0383	1.0380	-0.0003	0.9989	0.9989	0.0000
2023-09-26T09:35:25	1	0	27	27	0	1.0541	1.0540	-0.0001	0.9787	0.9786	0.0001
2023-09-26T09:35:54	2	0	7	7	0	0.9949	0.9947	-0.0002	0.9685	0.9684	0.0001
2023-09-26T09:42:35	3	0	4	4	0	1.0311	1.0306	-0.0006	-1	-1	0.0000
2023-09-26T09:45:46	1	0	2	2	0	0.8941	0.8942	0.0001	0.9928	0.9928	0.0000
2023-09-26T09:48:31	2	0	653	653	0	0.8542	0.8542	0.0000	0.9232	0.9233	-0.0001
2023-09-26T09:49:17	2	0	40	40	0	1.0480	1.0478	-0.0001	0.9939	0.9938	0.0001
2023-09-26T09:50:02	2	0	5	5	0	1.0232	1.0231	-0.0001	0.9778	0.9776	0.0002
2023-09-26T09:50:46	1	0	6	6	0	1.0105	1.0104	-0.0001	0.9992	0.999	0.0002
2023-09-26T09:51:38	1	0	2	2	0	1.0018	1.0015	-0.0003	-0.9983	-0.9983	0.0000
2023-09-26T09:53:12	5	0	24	24	0	1.0362	1.0361	-0.0001	0.9991	0.9991	0.0000
2023-09-26T09:53:21	1	0	7	7	0	1.0201	1.0200	0.0000	0.9756	0.9755	0.0001
2023-09-26T09:53:31	3	0	88	87	1	0.9255	0.9262	0.0007	0.9935	0.9937	-0.0002
2023-09-26T09:55:35	1	0	3	3	0	1.1367	1.1366	-0.0001	0.9866	0.9865	0.0001
2023-09-26T09:57:24	2	0	1	1	0	0.9811	0.9815	0.0004	-0.9961	-0.996	-0.0001
2023-09-26T09:57:36	1	0	3	3	0	1.0305	1.0305	0.0000	1	1	0.0000
2023-09-26T09:57:44	1	0	3	3	0	1.0215	1.0215	0.0000	0.9863	0.9863	0.0000
2023-09-26T09:57:53	1	0	9	9	0	0.9941	0.9942	0.0001	0.9939	0.9939	0.0000
2023-09-26T09:58:22	1	0	2	2	0	1.0266	1.0264	-0.0003	0.9979	0.9979	0.0000

2023-09-26T09:59:28	1	0	87	82	5	1.0558	1.0556	-0.0002	-0.8669	-0.8666	-0.0003
2023-09-26T10:00:47	1	0	2	2	0	0.9041	0.9041	0.0000	0.9925	0.9925	0.0000
2023-09-26T10:01:56	1	0	1	1	0	1.0387	1.0384	-0.0003	0.9993	0.9993	0.0000
2023-09-26T10:02:04	1	0	1	1	0	1.0253	1.0250	-0.0003	0.9876	0.9875	0.0001
2023-09-26T10:03:26	1	0	3	3	0	0.9859	0.9859	0.0000	0.9672	0.9673	-0.0001
2023-09-26T10:03:45	1	0	1	2	-1	0.9303	0.9931	0.0628	0.9669	0.9674	-0.0005
2023-09-26T10:05:27	2	0	25	24	1	1.0529	1.0525	-0.0004	0.9763	0.976	0.0003
2023-09-26T10:05:33	5	0	18	16	2	1.0502	1.0495	-0.0007	-0.9998	-1	0.0002
2023-09-26T10:05:47	1	0	6	6	0	1.0121	1.0120	-0.0002	0.9988	0.9987	0.0001
2023-09-26T10:05:55	1	0	3	3	0	1.0477	1.0475	-0.0001	0.9996	0.9996	0.0000
2023-09-26T10:05:56	2	0	9	9	0	0.9959	0.9957	-0.0002	0.9662	0.966	0.0002
2023-09-26T10:06:57	1	0	24	18	6	0.9398	0.9396	-0.0002	0.9976	0.9981	-0.0005
2023-09-26T10:08:13	5	0	16	16	0	1.0330	1.0328	-0.0002	0.9986	0.9986	0.0000
2023-09-26T10:08:22	1	0	8	8	0	1.0216	1.0216	0.0000	0.9672	0.9671	0.0001
2023-09-26T10:08:27	1	0	63	62	1	1.0503	1.0503	0.0000	0.9994	0.9993	0.0001
2023-09-26T10:08:32	3	0	96	94	2	0.9210	0.9217	0.0008	0.992	0.9922	-0.0002
2023-09-26T10:09:26	2	0	10	10	0	1.0262	1.0261	-0.0001	0.9723	0.9719	0.0004
2023-09-26T10:10:01	1	0	6	6	0	1.0231	1.0231	0.0000	-0.9991	-0.9991	0.0000
2023-09-26T10:10:12	1	0	3	3	0	0.8515	0.8516	0.0001	0.9466	0.9471	-0.0005
2023-09-26T10:10:20	1	0	70	65	5	1.0553	1.0551	-0.0002	0.9993	0.9992	0.0001
2023-09-26T10:10:36	1	0	135	135	0	0.9159	0.9162	0.0002	0.985	0.9851	-0.0001
2023-09-26T10:13:27	1	0	1	0	1	0.9450	null	null	0.979	0.979	0.0000
2023-09-26T10:13:51	2	0	1	0	1	1.0333	null	null	0.9992	0.9992	0.0000
2023-09-26T10:14:11	2	0	4	4	0	1.0377	1.0376	-0.0002	-0.9847	-0.9853	0.0006
2023-09-26T10:15:48	2	0	48	48	0	0.9371	0.9370	-0.0001	0.9896	0.9879	0.0017
2023-09-26T10:15:49	1	0	17	11	6	1.0567	1.0564	-0.0003	0.9904	0.9997	-0.0093
2023-09-26T10:16:47	2	0	8	8	0	1.0298	1.0296	-0.0002	0.9885	0.9882	0.0003
2023-09-26T10:17:10	2	0	31	31	0	0.9504	0.9508	0.0003	0.979	0.979	0.0000
2023-09-26T10:18:00	2	0	29	26	3	0.9540	0.9549	0.0009	0.9639	0.9639	0.0000
2023-09-26T10:18:46	2	0	6	7	-1	0.9921	1.0012	0.0091	0.9587	0.9587	0.0000
2023-09-26T10:18:50	1	0	55	55	0	0.9291	0.9295	0.0004	0.989	0.9907	-0.0017
2023-09-26T10:19:28	6	0	17	16	1	1.0473	1.0467	-0.0006	0.9943	0.994	0.0003
2023-09-26T10:20:05	2	0	2	2	0	1.0195	1.0192	-0.0003	0.9784	0.9782	0.0002
2023-09-26T10:20:11	5	0	169	167	2	0.9031	0.9034	0.0003	0.8827	0.8827	0.0000
2023-09-26T10:20:28	1	0	27	27	0	1.0539	1.0538	0.0000	0.9756	0.9755	0.0001
2023-09-26T10:20:48	3	0	2	1	1	1.0100	1.0085	-0.0015	-0.9997	0.998	0.0023
2023-09-26T10:20:49	2	0	3	3	0	1.0409	1.0406	-0.0003	-0.998	-0.9979	-0.0001
2023-09-26T10:23:17	1	0	13	13	0	1.0480	1.0479	-0.0002	-0.9984	-0.9984	0.0000
2023-09-26T10:24:27	2	0	8	8	0	1.0269	1.0267	-0.0002	0.971	0.9707	0.0003
2023-09-26T10:24:52	1	0	2	2	0	1.0510	1.0508	-0.0002	-0.9919	-0.9922	0.0003
2023-09-26T10:24:56	1	0	2	2	0	1.0597	1.0594	-0.0003	0.992	0.992	0.0000
2023-09-26T10:26:47	2	0	3	3	0	1.0576	1.0573	-0.0003	0.9985	0.9983	0.0002
2023-09-26T10:27:26	2	0	2	2	0	0.9880	0.9882	0.0002	-0.9958	-0.9957	-0.0001
2023-09-26T10:27:38	3	0	3	3	0	1.0306	1.0297	-0.0009	1	1	0.0000
2023-09-26T10:27:55	1	0	10	10	0	1.0163	1.0162	-0.0001	0.9939	0.9938	0.0001
2023-09-26T10:29:33	1	0	274	266	8	1.0623	1.0621	-0.0003	-0.8545	-0.8567	0.0022
2023-09-26T10:30:17	1	0	52	51	1	1.0521	1.0520	-0.0001	0.986	0.986	0.0000
2023-09-26T10:31:49	4	0	1	1	0	1.0380	1.0371	-0.0009	-0.9804	-0.9807	0.0003
2023-09-26T10:32:11	2	0	18	17	1	1.0139	1.0123	-0.0017	0.9954	0.9953	0.0001
2023-09-26T10:34:40	1	0	36	32	4	1.0516	1.0507	-0.0009	0.9948	0.9948	0.0000
2023-09-26T10:35:49	2	0	3	3	0	1.0079	1.0076	-0.0003	-0.9999	-1	0.0001
2023-09-26T10:38:18	1	0	14	14	0	1.0477	1.0477	-0.0001	-0.9986	-0.9987	0.0001
2023-09-26T10:40:51	1	0	1	0	1	1.0347	null	null	-0.9529	-0.9532	0.0003
2023-09-26T10:41:48	1	0	8	8	0	1.0536	1.0534	-0.0002	0.9984	0.9983	0.0001
2023-09-26T10:43:47	1	0	23	23	0	1.0480	1.0480	0.0000	0.973	0.9728	0.0002
2023-09-26T10:43:53	1	0	2	0	2	1.0313	null	null	0.9981	0.9981	0.0000
2023-09-26T10:44:32	1	0	8	8	0	1.0462	1.0461	-0.0001	-1	-1	0.0000
2023-09-26T10:44:38	1	0	1	0	1	1.0192	null	null	-0.9998	-0.9998	0.0000
2023-09-26T10:47:33	1	0	1	1	0	1.0563	1.0553	-0.0010	0.96	0.9598	0.0002
2023-09-26T10:48:51	1	0	8	8	0	1.0519	1.0517	-0.0003	0.9948	0.9947	0.0001
2023-09-26T10:50:21	2	0	12	12	0	1.0493	1.0490	-0.0003	0.9776	0.9772	0.0004
2023-09-26T10:52:51	1	0	1	1	0	1.0643	1.0639	-0.0004	0.9776	0.9775	0.0001
2023-09-26T10:53:25	3	0	11	11	0	1.0058	1.0064	0.0006	0.9619	0.9621	-0.0002
2023-09-26T10:53:35	1	0	71	69	2	0.9374	0.9374	0.0000	0.9875	0.9876	-0.0001
2023-09-26T10:55:11	1	0	6	6	0	1.0215	1.0214	-0.0001	-1	-1	0.0000
2023-09-26T10:55:52	2	0	1	1	0	1.0317	1.0308	-0.0009	-0.9632	-0.9637	0.0005
2023-09-26T10:57:48	1	0	4	4	0	1.0157	1.0156	-0.0001	0.9836	0.9833	0.0003
2023-09-26T10:57:57	1	0	10	10	0	1.0097	1.0097	0.0000	0.9952	0.9952	0.0000
2023-09-26T10:58:48	1	0	16	17	-1	1.0453	1.0437	-0.0016	0.9616	0.9614	0.0002
2023-09-26T10:58:54	2	0	1	0	1	1.0333	null	null	0.9985	0.9983	0.0002
2023-09-26T11:00:59	1	0	5	5	0	1.0568	1.0567	-0.0001	-0.9533	-0.9534	0.0001
2023-09-26T11:01:33	2	0	3	3	0	1.0411	1.0405	-0.0006	0.982	0.9815	0.0005
2023-09-26T11:01:50	1	0	9	9	0	1.0316	1.0315	-0.0001	0.9898	0.9896	0.0002
2023-09-26T11:03:49	1	0	13	11	2	1.0327	1.0281	-0.0046	0.9637	0.9635	0.0002
2023-09-26T11:05:02	1	0	15	15	0	1.0444	1.0441	-0.0003	0.9936	0.9935	0.0001
2023-09-26T11:05:37	5	0	48	44	4	1.0546	1.0545	-0.0002	-0.9997	-0.9998	0.0001
2023-09-26T11:05:42	2	0	2	1	1	1.0554	1.0553	-0.0001	-0.9998	-0.9998	0.0000
2023-09-26T11:05:59	2	0	5	5	0	1.0447	1.0445	-0.0002	0.9992	0.9991	0.0001
2023-09-26T11:07:23	2	0	7	7	0	1.0368	1.0366	-0.0001	-0.9979	-0.9979	0.0000
2023-09-26T11:08:06	2	0	7	7	0	1.0486	1.0484	-0.0002	-1	-1	0.0000
2023-09-26T11:08:35	1	0	58	58	0	0.9507	0.9507	0.0000	0.9795	0.9795	0.0000
2023-09-26T11:09:35	2	0	7	6	1	1.0529	1.0510	-0.0019	0.9927	0.992	0.0007
2023-09-26T11:09:59	1	0	3	3	0	1.0472	1.0470	-0.0002	0.9917	0.9918	-0.0001
2023-09-26T11:15:29	1	0	210	210	0	0.9284	0.9284	0.0000	0.4925	0.4928	-0.0003
2023-09-26T11:16:03	2	0	15	15	0	1.0511	1.0510	0.0000	-0.9562	-0.9567	0.0005

2023-09-26T11:16:52	7	0	1	0	1	1.0357	null	null	-0.9847	-0.9851	0.0004
2023-09-26T11:18:31	1	0	6	6	0	0.9810	0.9810	0.0000	0.978	0.9784	-0.0004
2023-09-26T11:18:50	1	0	12	12	0	1.0335	1.0334	-0.0001	0.9688	0.9689	-0.0001
2023-09-26T11:20:38	1	0	48	47	1	1.0543	1.0557	0.0014	-0.9999	-0.9999	0.0000
2023-09-26T11:20:43	2	0	2	2	0	1.0559	1.0555	-0.0004	-0.9998	-0.9998	0.0000
2023-09-26T11:21:48	1	0	2	2	0	1.0078	1.0079	0.0001	-0.9998	-0.9998	0.0000
2023-09-26T11:23:32	2	0	89	91	-2	1.0540	1.0539	-0.0001	0.9993	0.9993	0.0000
2023-09-26T11:23:37	1	0	58	58	0	0.9367	0.9367	0.0000	0.9897	0.9897	0.0000
2023-09-26T11:24:31	1	0	7	7	0	1.0303	1.0303	-0.0001	0.9707	0.9706	0.0001
2023-09-26T11:28:32	1	0	2	2	0	0.9419	0.9424	0.0005	0.979	0.9791	-0.0001
2023-09-26T11:29:41	1	0	1	1	0	1.0302	1.0302	0.0000	-0.9994	-0.9994	0.0000
2023-09-26T11:29:46	2	0	333	335	-2	1.0628	1.0625	-0.0003	-0.875	-0.8751	0.0001
2023-09-26T11:29:48	1	0	1	1	0	1.0371	1.0367	-0.0004	0.9964	0.9964	0.0000
2023-09-26T11:29:57	1	0	10	10	0	1.0435	1.0434	0.0000	1	1	0.0000
2023-09-26T11:30:21	1	0	78	75	3	1.0529	1.0527	-0.0002	0.9858	0.9857	0.0001
2023-09-26T11:30:30	4	0	14	14	0	1.0355	1.0354	-0.0001	0.9873	0.9871	0.0002
2023-09-26T11:30:53	2	0	51	51	0	0.9536	0.9537	0.0001	0.9884	0.9899	-0.0015
2023-09-26T11:31:21	1	0	3	3	0	1.0593	1.0591	-0.0002	0.9608	0.9604	0.0004
2023-09-26T11:31:49	2	0	2	2	0	1.0623	1.0619	-0.0004	0.9822	0.9809	0.0013
2023-09-26T11:33:51	2	0	17	16	1	1.0387	1.0375	-0.0012	0.9705	0.9704	0.0001
2023-09-26T11:33:57	1	0	16	15	1	1.0517	1.0514	-0.0003	0.9557	0.9557	0.0000
2023-09-26T11:35:26	6	0	16	16	0	1.0489	1.0488	-0.0001	0.9935	0.9935	0.0000
2023-09-26T11:36:01	3	0	6	7	-1	1.0456	1.0455	-0.0001	0.9997	0.9998	-0.0001
2023-09-26T11:38:07	2	0	6	6	0	1.0297	1.0298	0.0001	0.9994	0.9994	0.0000
2023-09-26T11:38:23	1	0	182	173	9	1.0591	1.0590	-0.0001	-0.9958	-0.9959	0.0001
2023-09-26T11:40:01	3	0	5	5	0	1.0549	1.0548	-0.0001	0.9968	0.9967	0.0001
2023-09-26T11:43:00	3	0	7	7	0	1.0154	1.0154	0.0000	0.9951	0.9951	0.0000
2023-09-26T11:43:57	2	0	3	4	-1	1.0477	1.0445	-0.0032	0.9993	0.9998	-0.0005
2023-09-26T11:45:54	2	0	49	49	0	0.9452	0.9453	0.0001	0.9882	0.9866	0.0016
2023-09-26T11:45:55	1	0	2	2	0	1.0304	1.0302	-0.0002	0.99	0.9894	0.0006
2023-09-26T11:46:36	2	0	6	7	-1	1.0448	1.0444	-0.0004	0.9844	0.9846	-0.0002
2023-09-26T11:46:50	2	0	1	1	0	1.0686	1.0686	0.0000	0.9827	0.983	-0.0003
2023-09-26T11:48:52	3	0	16	15	1	1.0327	1.0305	-0.0022	0.9698	0.9693	0.0005
2023-09-26T11:48:58	1	0	17	16	1	1.0538	1.0537	-0.0002	0.9587	0.9586	0.0001
2023-09-26T11:50:45	2	0	2	1	1	1.0597	1.0587	-0.0010	-0.9997	-0.9997	0.0000
2023-09-26T11:50:54	6	0	3	4	-1	1.0233	1.0318	0.0085	-0.9976	-0.9975	-0.0001
2023-09-26T11:53:08	2	0	1	2	-1	0.9331	0.9940	0.0610	0.9994	0.9994	0.0000
2023-09-26T11:53:29	4	0	14	15	-1	1.0136	1.0090	-0.0046	0.9747	0.9746	0.0001
2023-09-26T11:53:39	4	0	4	8	-4	0.9412	0.9427	0.0015	0.9932	0.9931	0.0001
2023-09-26T11:55:02	3	0	6	6	0	1.0564	1.0562	-0.0002	0.9972	0.9971	0.0001
2023-09-26T12:00:55	2	0	57	57	0	0.9835	0.9835	0.0000	0.9917	0.9917	0.0000
2023-09-26T12:00:56	1	0	2	2	0	1.0328	1.0326	-0.0002	0.9899	0.9895	0.0004
2023-09-26T12:05:28	1	0	18	17	1	1.0491	1.0485	-0.0006	0.9995	0.9995	0.0000
2023-09-26T12:08:30	4	0	13	13	0	1.0358	1.0358	0.0000	0.9756	0.9755	0.0001
2023-09-26T12:12:57	1	0	45	44	1	1.0485	1.0484	-0.0002	-0.9985	-0.9986	0.0001
2023-09-26T12:14:44	1	0	1	1	0	1.0297	1.0297	0.0000	0.9998	0.9996	0.0002
2023-09-26T12:18:17	1	0	6	6	0	1.0540	1.0532	-0.0008	0.9677	0.9676	0.0001
2023-09-26T12:20:20	2	0	12	10	2	1.0544	1.0536	-0.0007	-0.772	-0.7719	-0.0001
2023-09-26T12:20:56	6	0	3	3	0	1.0267	1.0266	-0.0001	-0.9935	-0.9996	0.0061
2023-09-26T12:31:53	2	0	1	1	0	1.0711	1.0711	0.0000	0.981	0.9816	-0.0006
2023-09-26T12:35:04	1	0	90	90	0	0.9117	0.9119	0.0002	0.8225	0.8235	-0.0010
2023-09-26T12:42:49	1	0	4	4	0	1.0235	1.0232	-0.0003	-0.9777	-0.9906	0.0129
2023-09-26T12:43:04	3	0	6	6	0	1.0144	1.0143	-0.0001	0.9948	0.9948	0.0000
2023-09-26T12:44:01	2	0	1	0	1	1.0364	null	null	0.9983	0.9969	0.0014
2023-09-26T12:51:09	3	0	7	8	-1	1.0426	1.0443	0.0018	-1	-0.9999	-0.0001
2023-09-26T12:59:02	2	0	4	4	0	1.0369	1.0363	-0.0006	0.9989	0.9993	-0.0004
2023-09-26T13:01:00	1	0	2	2	0	1.0254	1.0252	-0.0002	0.967	0.9662	0.0008
2023-09-26T13:08:29	1	0	166	165	1	1.0570	1.0570	0.0000	-0.9973	-0.9973	0.0000
2023-09-26T13:10:11	1	0	7	7	0	1.0574	1.0568	-0.0006	-0.9969	-0.9967	-0.0002
2023-09-26T13:18:16	1	0	3	3	0	1.0102	1.0103	0.0002	0.8841	0.8843	-0.0002
2023-09-26T13:29:05	2	0	6	6	0	1.0387	1.0386	-0.0001	0.9986	0.9986	0.0000
2023-09-26T13:35:43	1	0	20	16	4	0.9413	0.9410	-0.0003	-0.9995	-0.9995	0.0000
2023-09-26T13:38:44	6	0	3	3	0	0.9999	0.9992	-0.0007	0.9792	0.9786	0.0006
2023-09-26T13:40:41	3	0	3	4	-1	1.0550	1.0431	-0.0119	0.993	0.9914	0.0016
2023-09-26T13:43:11	1	0	8	8	0	1.0194	1.0194	0.0000	0.9958	0.9958	0.0000
2023-09-26T13:44:05	1	0	12	12	0	1.0385	1.0384	-0.0001	0.9987	0.9978	0.0009
2023-09-26T13:47:40	1	0	21	20	1	1.0524	1.0522	-0.0002	0.9711	0.9711	0.0000
2023-09-26T13:49:00	3	0	5	7	-2	1.0095	1.0174	0.0080	0.9684	0.9686	-0.0002
2023-09-26T13:49:36	1	0	33	32	1	1.0498	1.0496	-0.0002	0.9887	0.9887	0.0000
2023-09-26T13:51:16	1	0	9	9	0	1.0490	1.0490	0.0000	0.9982	0.9982	0.0000
2023-09-26T13:55:42	1	0	5	5	0	1.0367	1.0364	-0.0003	0.9876	0.9873	0.0003
2023-09-26T14:01:59	2	0	2	2	0	1.0640	1.0639	-0.0002	0.9822	0.9818	0.0004
2023-09-26T14:03:23	4	0	11	9	2	1.0391	1.0346	-0.0045	0.9713	0.9713	0.0000
2023-09-26T14:03:42	2	0	6	7	-1	0.9856	0.9940	0.0084	0.9809	0.9812	-0.0003
2023-09-26T14:03:48	1	0	488	168	320	0.8629	0.9076	0.0447	0.9395	0.9903	-0.0508
2023-09-26T14:06:17	1	0	6	6	0	1.0506	1.0506	0.0000	0.9966	0.9965	0.0001
2023-09-26T14:07:14	1	0	77	77	0	0.9140	0.9145	0.0006	0.9995	0.9995	0.0000
2023-09-26T14:08:23	2	0	23	23	0	1.0546	1.0546	0.0000	0.9999	0.9999	0.0000
2023-09-26T14:08:38	1	0	10	10	0	1.0282	1.0282	0.0000	0.9709	0.9708	0.0001
2023-09-26T14:08:48	3	0	13	13	0	0.9438	0.9439	0.0001	0.9923	0.9923	0.0000
2023-09-26T14:10:15	5	0	10	8	2	1.0537	1.0518	-0.0019	-0.9966	-0.997	0.0004
2023-09-26T14:10:43	2	0	4	4	0	1.0544	1.0543	-0.0001	0.9889	0.9888	0.0001
2023-09-26T15:42:05	1	0	456	456	0	1.0667	1.0667	0.0000	-0.8676	-0.8673	-0.0003
2023-09-27T07:51:14	1	0	413	413	0	1.0695	1.0695	0.0000	-0.9082	-0.908	-0.0002
2023-09-27T08:09:52	1	0	64	61	3	1.0546	1.0546	0.0000	0.9984	0.9984	0.0000

2023-09-27T08:13:19	2	0	9	9	0	1.0383	1.0381	-0.0002	-0.9906	-0.9926	0.0020
2023-09-27T08:16:04	2	0	119	119	0	1.0656	1.0655	-0.0001	-0.991	-0.991	0.0000
2023-09-27T08:16:17	2	0	455	455	0	0.8653	0.8653	0.0000	0.9265	0.9266	-0.0001
2023-09-27T08:18:12	1	0	67	65	2	0.9440	0.9441	0.0001	0.9706	0.9706	0.0000
2023-09-27T08:21:16	1	0	58	58	0	1.0546	1.0545	-0.0001	-0.9898	-0.9897	-0.0001
2023-09-27T08:36:27	1	0	8	8	0	0.9408	0.9411	0.0003	-0.9997	-0.9995	-0.0002
2023-09-27T08:40:21	1	0	1	1	0	1.0363	1.0359	-0.0004	-0.933	-0.9324	-0.0006
2023-09-27T08:49:29	1	0	65	64	1	0.9216	0.9215	-0.0001	0.8294	0.8302	-0.0008
2023-09-27T08:52:49	1	0	202	202	0	1.0581	1.0581	0.0000	-0.9915	-0.9915	0.0000
2023-09-27T09:05:31	2	0	9	9	0	0.9999	0.9997	-0.0001	0.9699	0.9699	0.0000
2023-09-27T09:16:12	1	0	18	18	0	1.0414	1.0413	-0.0001	0.9916	0.9914	0.0002
2023-09-27T09:17:05	1	0	9	9	0	1.0355	1.0354	-0.0001	0.9747	0.9758	-0.0011
2023-09-27T09:18:07	1	0	4	4	0	1.0060	1.0059	-0.0001	0.9828	0.9828	0.0000
2023-09-27T09:19:44	1	0	60	60	0	0.9181	0.9182	0.0001	0.8858	0.8858	0.0000
2023-09-27T09:20:25	1	0	13	13	0	1.0486	1.0485	-0.0001	-0.9651	-0.9681	0.0030
2023-09-27T09:20:31	1	0	22	22	0	1.0458	1.0457	-0.0001	-0.9905	-0.9906	0.0001
2023-09-27T09:24:47	2	0	22	22	0	1.0511	1.0510	-0.0001	0.9589	0.9586	0.0003
2023-09-27T09:24:51	1	0	2	2	0	0.9349	0.9354	0.0005	0.9736	0.9736	0.0000
2023-09-27T09:30:22	2	0	46	46	0	0.9333	0.9333	0.0000	0.9773	0.9772	0.0001
2023-09-27T09:33:24	3	0	5	5	0	1.0472	1.0465	-0.0007	-0.9727	-0.9729	0.0002
2023-09-27T09:33:39	1	0	17	17	0	1.0417	1.0416	-0.0001	0.9945	0.9945	0.0000
2023-09-27T09:35:08	3	0	17	17	0	1.0492	1.0486	-0.0007	-0.9899	-0.99	0.0001
2023-09-27T09:38:44	4	0	588	579	9	1.0601	1.0600	-0.0001	0.9993	0.9993	0.0000
2023-09-27T09:42:02	1	0	9	9	0	1.0158	1.0157	0.0000	0.9838	0.9837	0.0001
2023-09-27T09:42:11	3	0	3	3	0	1.0339	1.0333	-0.0006	-0.9994	-0.9995	0.0001
2023-09-27T09:42:42	2	0	6	6	0	0.9661	0.9667	0.0006	0.9652	0.9653	-0.0001
2023-09-27T09:43:00	1	0	4	4	0	1.0324	1.0323	-0.0001	0.9964	0.9964	0.0000
2023-09-27T09:43:44	2	0	2	2	0	1.0149	1.0146	-0.0003	-0.9747	-0.9746	-0.0001
2023-09-27T09:45:24	1	0	1	1	0	0.8641	0.8645	0.0004	0.9779	0.9775	0.0004
2023-09-27T09:46:14	1	0	10	10	0	1.0368	1.0368	0.0000	0.991	0.9908	0.0002
2023-09-27T09:46:23	1	0	468	468	0	0.8733	0.8733	0.0000	0.9413	0.9414	-0.0001
2023-09-27T09:46:34	1	0	2	2	0	1.0397	1.0392	-0.0005	0.9998	0.9997	0.0001
2023-09-27T09:46:50	1	0	11	11	0	1.0040	1.0040	-0.0001	0.9917	0.9916	0.0001
2023-09-27T09:47:06	1	0	3	3	0	1.0301	1.0299	-0.0002	0.973	0.973	0.0000
2023-09-27T09:49:42	2	0	5	5	0	1.0211	1.0211	-0.0001	0.9704	0.9703	0.0001
2023-09-27T09:50:17	1	0	1	1	0	1.0380	1.0374	-0.0006	0.9997	0.9997	0.0000
2023-09-27T09:50:34	1	0	292	292	0	1.0937	1.0937	0.0000	-1	-1	0.0000
2023-09-27T09:53:06	3	0	88	87	1	0.9263	0.9270	0.0007	0.9922	0.9924	-0.0002
2023-09-27T09:54:10	2	0	761	759	2	1.0618	1.0617	0.0000	0.9988	0.9987	0.0001
2023-09-27T09:55:14	1	0	6	6	0	1.0912	1.0912	0.0000	0.9843	0.9842	0.0001
2023-09-27T09:55:26	1	0	1	1	0	1.0335	1.0332	-0.0003	-0.9537	-0.9535	-0.0002
2023-09-27T09:56:28	1	0	8	8	0	1.0488	1.0485	-0.0003	0.9998	0.9997	0.0001
2023-09-27T09:57:00	2	0	2	2	0	0.9872	0.9874	0.0002	-0.994	-0.9937	-0.0003
2023-09-27T09:57:12	1	0	3	3	0	1.0336	1.0336	0.0000	-1	-1	0.0000
2023-09-27T09:58:04	1	0	2	2	0	1.0227	1.0224	-0.0003	0.9859	0.9858	0.0001
2023-09-27T09:58:58	1	0	114	114	0	1.0573	1.0573	0.0000	-0.8504	-0.8496	-0.0008
2023-09-27T10:00:18	1	0	6	6	0	1.0482	1.0479	-0.0002	0.9989	0.9989	0.0000
2023-09-27T10:00:25	1	0	1	1	0	0.8423	0.8423	0.0000	0.9733	0.9728	0.0005
2023-09-27T10:01:20	4	0	45	43	2	1.0535	1.0531	-0.0004	0.9968	0.9968	0.0000
2023-09-27T10:01:24	1	0	471	471	0	0.8704	0.8704	0.0000	0.939	0.9391	-0.0001
2023-09-27T10:01:51	1	0	8	8	0	1.0239	1.0239	0.0000	0.9911	0.991	0.0001
2023-09-27T10:03:19	4	0	33	33	0	0.9390	0.9398	0.0008	0.941	0.9421	-0.0011
2023-09-27T10:04:09	1	0	14	13	1	1.0519	1.0515	-0.0005	0.9944	0.9931	0.0013
2023-09-27T10:04:44	2	0	5	5	0	1.0264	1.0261	-0.0003	0.9691	0.9692	-0.0001
2023-09-27T10:04:51	2	0	3	3	0	1.0495	1.0491	-0.0004	-0.7024	-0.7032	0.0008
2023-09-27T10:05:10	2	0	24	18	6	1.0501	1.0486	-0.0015	-0.9947	-0.9952	0.0005
2023-09-27T10:05:34	1	0	11	10	1	1.0430	1.0426	-0.0004	-0.9984	-0.9985	0.0001
2023-09-27T10:05:35	2	0	7	7	0	1.0054	1.0052	-0.0002	0.967	0.9669	0.0001
2023-09-27T10:06:24	1	0	117	116	1	1.0613	1.0613	-0.0001	-0.9642	-0.9646	0.0004
2023-09-27T10:06:33	1	0	1	1	0	0.9425	0.9437	0.0012	-0.9981	-0.9978	-0.0003
2023-09-27T10:08:07	3	0	92	90	2	0.9231	0.9239	0.0008	0.9949	0.9951	-0.0002
2023-09-27T10:09:09	2	0	84	52	32	1.0566	1.0556	-0.0010	0.9792	0.9782	0.0010
2023-09-27T10:09:20	2	0	12	12	0	1.0262	1.0261	-0.0001	0.9694	0.969	0.0004
2023-09-27T10:09:36	3	0	156	155	1	1.0546	1.0544	-0.0002	0.9919	0.9918	0.0001
2023-09-27T10:09:40	2	0	3	3	0	1.0357	1.0349	-0.0008	0.9927	0.9925	0.0002
2023-09-27T10:09:42	1	0	11	11	0	1.0240	1.0240	0.0000	-0.9993	-0.9993	0.0000
2023-09-27T10:09:54	1	0	2	2	0	0.9349	0.9357	0.0008	0.9717	0.9719	-0.0002
2023-09-27T10:10:27	2	0	1	1	0	1.0258	1.0238	-0.0020	-0.9796	-0.9798	0.0002
2023-09-27T10:10:40	2	0	48	48	0	0.9352	0.9351	-0.0001	0.9752	0.9726	0.0026
2023-09-27T10:12:04	1	0	8	8	0	1.0153	1.0152	-0.0001	0.9853	0.9852	0.0001
2023-09-27T10:12:13	3	0	8	8	0	1.0341	1.0334	-0.0007	-1	-1	0.0000
2023-09-27T10:13:02	1	0	5	5	0	1.0307	1.0304	-0.0003	0.9726	0.9725	0.0001
2023-09-27T10:13:22	1	0	17	17	0	1.0451	1.0451	-0.0001	0.9625	0.9622	0.0003
2023-09-27T10:13:48	2	0	3	3	0	1.0342	1.0320	-0.0022	-0.9764	-0.9768	0.0004
2023-09-27T10:13:59	1	0	185	181	4	1.0597	1.0594	-0.0003	-0.8935	-0.8943	0.0008
2023-09-27T10:15:00	1	0	47	45	2	1.0521	1.0519	-0.0002	0.987	0.9869	0.0001
2023-09-27T10:15:48	2	0	14	13	1	1.0503	1.0512	0.0009	-0.9956	-0.9956	0.0000
2023-09-27T10:17:07	2	0	38	36	2	1.0533	1.0532	-0.0001	0.9722	0.9722	0.0000
2023-09-27T10:17:08	2	0	4	4	0	1.0232	1.0228	-0.0005	0.9707	0.9706	0.0001
2023-09-27T10:18:27	4	0	2	2	0	0.9789	0.9787	-0.0003	1	1	0.0000
2023-09-27T10:19:53	6	0	27	16	11	1.0481	1.0477	-0.0005	0.9945	0.9943	0.0002
2023-09-27T10:20:01	3	0	26	26	0	0.9350	0.9354	0.0004	0.9907	0.9911	-0.0004
2023-09-27T10:20:11	7	0	22	18	4	1.0490	1.0478	-0.0012	-0.9958	-0.9962	0.0004
2023-09-27T10:20:29	1	0	23	20	3	1.0532	1.0530	-0.0002	-0.9546	-0.954	-0.0006
2023-09-27T10:21:24	1	0	11	10	1	1.0533	1.0531	-0.0003	-0.9989	-0.9989	0.0000

2023-09-27T10:22:28	1	0	1	1	0	1.0587	1.0583	-0.0004	0.992	0.992	0.0000
2023-09-27T10:24:21	1	0	10	10	0	1.0293	1.0293	0.0000	0.9711	0.9707	0.0004
2023-09-27T10:24:37	2	0	356	352	4	1.0585	1.0585	-0.0001	0.9926	0.9925	0.0001
2023-09-27T10:26:27	1	0	2	2	0	1.0683	1.0678	-0.0005	0.9797	0.9795	0.0002
2023-09-27T10:26:30	1	0	4	4	0	1.0575	1.0574	-0.0001	0.999	0.9989	0.0001
2023-09-27T10:27:02	2	0	2	2	0	0.9909	0.9911	0.0001	-0.9956	-0.9955	-0.0001
2023-09-27T10:28:28	1	0	5	5	0	1.0415	1.0410	-0.0005	0.9994	0.9994	0.0000
2023-09-27T10:31:13	2	0	58	52	6	1.0586	1.0583	-0.0003	-0.9997	-0.9997	0.0000
2023-09-27T10:31:37	2	0	3	3	0	1.0313	1.0311	-0.0002	0.9998	0.9998	0.0000
2023-09-27T10:31:53	1	0	4	4	0	1.0375	1.0374	-0.0001	0.9909	0.9908	0.0001
2023-09-27T10:34:32	1	0	96	90	6	0.9447	0.9359	-0.0088	0.9514	0.9508	0.0006
2023-09-27T10:35:08	1	0	9	9	0	1.0491	1.0490	-0.0001	0.9241	0.9238	0.0003
2023-09-27T10:35:12	5	0	31	28	3	1.0498	1.0493	-0.0006	-0.9939	-0.9944	0.0005
2023-09-27T10:35:33	1	0	27	24	3	1.0516	1.0515	-0.0002	0.9942	0.9941	0.0001
2023-09-27T10:36:07	1	0	11	10	1	1.0497	1.0489	-0.0008	-0.9538	-0.9531	-0.0007
2023-09-27T10:39:52	2	0	13	13	0	1.0485	1.0483	-0.0002	0.9541	0.9534	0.0007
2023-09-27T10:40:02	1	0	11	11	0	1.0485	1.0484	-0.0001	0.9979	0.9979	0.0000
2023-09-27T10:43:29	2	0	4	2	2	1.0421	1.0453	0.0032	0.9994	0.9994	0.0000
2023-09-27T10:44:08	1	0	7	7	0	1.0441	1.0440	-0.0001	1	1	0.0000
2023-09-27T10:45:37	1	0	24	23	1	1.0540	1.0538	-0.0002	-0.9389	-0.939	0.0001
2023-09-27T10:46:54	1	0	9	9	0	1.0105	1.0106	0.0001	0.9888	0.9888	0.0000
2023-09-27T10:47:13	1	0	1	1	0	1.0576	1.0566	-0.0010	0.9703	0.9701	0.0002
2023-09-27T10:48:22	1	0	49	46	3	1.0567	1.0565	-0.0002	-0.9957	-0.9959	0.0002
2023-09-27T10:49:51	2	0	35	34	1	0.9341	0.9307	-0.0034	0.8823	0.8822	0.0001
2023-09-27T10:54:23	2	0	12	12	0	1.0286	1.0285	-0.0002	0.9704	0.9702	0.0002
2023-09-27T10:54:44	1	0	3	3	0	1.0571	1.0569	-0.0002	0.9915	0.9896	0.0019
2023-09-27T10:54:45	1	0	13	13	0	1.0256	1.0255	0.0000	-0.9988	-0.9988	0.0000
2023-09-27T10:55:30	1	0	1	1	0	1.0366	1.0362	-0.0004	-0.9635	-0.9633	-0.0002
2023-09-27T10:56:32	1	0	20	18	2	1.0549	1.0549	-0.0001	0.9996	0.9996	0.0000
2023-09-27T10:57:50	1	0	7	7	0	0.9960	0.9960	0.0001	0.9697	0.9698	-0.0001
2023-09-27T10:58:25	1	0	25	25	0	1.0456	1.0455	-0.0001	0.9607	0.9604	0.0003
2023-09-27T10:59:20	1	0	2	2	0	1.0245	1.0245	0.0000	0.9999	0.9999	0.0000
2023-09-27T11:00:38	2	0	13	12	1	1.0504	1.0499	-0.0005	-0.9584	-0.9589	0.0005
2023-09-27T11:01:19	1	0	13	13	0	1.0390	1.0390	-0.0001	0.9903	0.99	0.0003
2023-09-27T11:01:25	2	0	2	3	-1	1.0638	1.0557	-0.0081	0.97	0.9681	0.0019
2023-09-27T11:02:38	3	0	18	16	2	0.9920	0.9911	-0.0009	0.9551	0.9549	0.0002
2023-09-27T11:03:14	1	0	3	3	0	0.9975	0.9974	-0.0001	0.9746	0.975	-0.0004
2023-09-27T11:05:14	17	0	104	96	8	1.0559	1.0559	0.0000	-0.9949	-0.9959	0.0010
2023-09-27T11:06:09	1	0	45	43	2	1.0529	1.0528	0.0000	-0.9541	-0.949	-0.0051
2023-09-27T11:06:34	1	0	31	31	0	1.0495	1.0487	-0.0008	0.9934	0.9933	0.0001
2023-09-27T11:07:58	1	0	135	133	2	1.0574	1.0573	-0.0001	-0.9938	-0.9939	0.0001
2023-09-27T11:10:35	1	0	132	132	0	1.0574	1.0574	0.0000	0.9515	0.9515	0.0000
2023-09-27T11:12:52	2	0	32	31	1	1.0531	1.0530	-0.0001	0.9948	0.9948	0.0000
2023-09-27T11:13:31	3	0	4	3	1	1.0440	1.0482	0.0042	0.9996	0.9999	-0.0003
2023-09-27T11:19:53	1	0	2	2	0	1.0010	1.0008	-0.0002	0.8876	0.8851	0.0025
2023-09-27T11:20:05	2	0	20	19	1	0.9370	0.9369	-0.0001	0.987	0.9874	-0.0004
2023-09-27T11:20:15	1	0	112	112	0	1.0582	1.0582	0.0000	-0.9961	-0.9962	0.0001
2023-09-27T11:20:39	2	0	22	14	8	1.0507	1.0482	-0.0025	-0.9963	-1	0.0037
2023-09-27T11:21:29	1	0	118	117	1	1.0689	1.0695	0.0007	-0.9745	-0.9744	-0.0001
2023-09-27T11:22:59	1	0	126	125	1	1.0572	1.0572	0.0000	-0.9954	-0.9954	0.0000
2023-09-27T11:24:34	4	0	4	2	2	1.0587	1.0580	-0.0007	-0.9894	-0.9904	0.0010
2023-09-27T11:27:38	2	0	53	52	1	1.0487	1.0484	-0.0003	-0.9995	-0.9995	0.0000
2023-09-27T11:27:52	1	0	8	8	0	1.0143	1.0143	0.0000	0.9653	0.9652	0.0001
2023-09-27T11:29:22	1	0	2	2	0	1.0284	1.0284	0.0000	-1	-1	0.0000
2023-09-27T11:30:24	2	0	11	11	0	1.0494	1.0493	-0.0001	0.9988	0.9988	0.0000
2023-09-27T11:30:56	1	0	9	9	0	1.0468	1.0467	-0.0001	-0.9998	-0.9998	0.0000
2023-09-27T11:31:30	1	0	1	1	0	0.8923	0.8923	0.0000	0.9902	0.9902	0.0000
2023-09-27T11:31:39	3	0	24	24	0	1.0544	1.0543	-0.0001	-0.9428	-0.9382	-0.0046
2023-09-27T11:33:32	1	0	20	17	3	1.0530	1.0524	-0.0006	0.9942	0.9941	0.0001
2023-09-27T11:34:54	3	0	1	0	1	1.0552	null	null	0.9114	0.9112	0.0002
2023-09-27T11:36:11	2	0	10	10	0	1.0486	1.0485	-0.0001	-0.9597	-0.9549	-0.0048
2023-09-27T11:36:30	1	0	110	110	0	1.0643	1.0643	0.0000	-0.9803	-0.9803	0.0000
2023-09-27T11:37:40	8	0	77	75	2	1.0548	1.0548	-0.0001	0.9945	0.9932	0.0013
2023-09-27T11:39:47	3	0	5	6	-1	1.0592	1.0590	-0.0003	0.9961	0.9962	-0.0001
2023-09-27T11:40:00	1	0	7	8	-1	0.9405	0.9408	0.0003	0.9715	0.9714	0.0001
2023-09-27T11:40:46	2	0	48	48	0	0.9409	0.9409	0.0000	0.9706	0.9707	-0.0001
2023-09-27T11:42:53	2	0	6	6	0	1.0235	1.0235	0.0000	0.9661	0.9661	0.0000
2023-09-27T11:44:23	1	0	1	1	0	1.0264	1.0264	0.0000	1	1	0.0000
2023-09-27T11:46:31	1	0	1	1	0	0.9145	0.9145	0.0000	0.9924	0.9924	0.0000
2023-09-27T11:47:13	5	0	39	37	2	1.0533	1.0531	-0.0002	0.9689	0.9687	0.0002
2023-09-27T11:47:41	3	0	15	14	1	1.0410	1.0397	-0.0013	0.9702	0.9703	-0.0001
2023-09-27T11:51:31	1	0	116	116	0	1.0656	1.0656	0.0000	-0.9522	-0.9517	-0.0005
2023-09-27T11:53:17	8	0	34	34	0	1.0539	1.0539	0.0000	0.993	0.9917	0.0013
2023-09-27T11:55:11	3	0	4	3	1	1.0587	1.0586	-0.0002	-0.9878	-0.9875	-0.0003
2023-09-27T11:55:47	2	0	45	45	0	0.9287	0.9287	0.0000	0.971	0.9711	-0.0001
2023-09-27T11:57:54	2	0	5	5	0	1.0443	1.0443	0.0000	0.9425	0.9583	-0.0158
2023-09-27T11:57:55	2	0	88	87	1	1.0552	1.0551	-0.0002	0.9971	0.997	0.0001
2023-09-27T12:00:26	1	0	15	15	0	1.0521	1.0521	0.0000	0.9983	0.9983	0.0000
2023-09-27T12:06:32	1	0	113	113	0	1.0672	1.0672	0.0000	-0.9786	-0.9785	-0.0001
2023-09-27T12:06:40	2	0	44	44	0	0.9268	0.9268	0.0000	0.9759	0.976	-0.0001
2023-09-27T12:10:12	1	0	3	3	0	1.0596	1.0587	-0.0009	-0.9879	-0.9874	-0.0005
2023-09-27T12:11:34	2	0	2	2	0	0.9978	0.9972	-0.0006	0.9953	0.9952	0.0001
2023-09-27T12:12:55	2	0	8	8	0	1.0411	1.0411	0.0000	0.9649	0.9649	0.0000
2023-09-27T12:15:15	3	0	28	27	1	1.0533	1.0531	-0.0002	-0.9857	-0.9857	0.0000
2023-09-27T12:18:35	1	0	6	7	-1	1.0442	1.0459	0.0016	0.9945	0.9946	-0.0001

2023-09-27T12:27:29	3	0	26	24	2	1.0521	1.0517	-0.0004	-0.9785	-0.9785	0.0000
2023-09-27T12:29:26	1	0	1	1	0	1.0269	1.0269	0.0000	1	1	0.0000
2023-09-27T12:42:57	1	0	12	12	0	0.9825	0.9827	0.0001	0.9507	0.9507	0.0000
2023-09-27T12:54:52	2	0	5	7	-2	1.0672	1.0645	-0.0027	0.99	0.9883	0.0017
2023-09-27T12:56:37	2	0	1	1	0	0.9354	0.9355	0.0001	0.9907	0.9885	0.0022
2023-09-27T12:58:15	1	0	3	3	0	1.0070	1.0069	-0.0001	-0.9634	-0.9632	-0.0002
2023-09-27T12:59:58	1	0	36	36	0	1.0486	1.0486	0.0000	0.9998	0.9998	0.0000
2023-09-27T13:07:50	1	0	1	0	1	1.0551	null	null	0.9149	0.9152	-0.0003
2023-09-27T13:12:32	1	0	8	8	0	1.0432	1.0424	-0.0008	-0.9949	-0.995	0.0001
2023-09-27T13:20:01	3	0	2	0	2	1.0568	null	null	0.9401	0.9268	0.0133
2023-09-27T13:27:33	1	0	81	81	0	1.0988	1.0983	-0.0004	-0.9842	-0.9986	0.0144
2023-09-27T13:36:38	1	0	116	115	1	1.0622	1.0622	0.0000	-0.9722	-0.9723	0.0001
2023-09-27T13:37:32	1	0	2	2	0	0.9965	0.9963	-0.0002	0.9999	0.9999	0.0000
2023-09-27T13:39:55	2	0	6	6	0	1.0615	1.0613	-0.0002	0.9875	0.9896	-0.0021
2023-09-27T13:40:44	1	0	1	1	0	0.9436	0.9441	0.0005	-1	-1	0.0000
2023-09-27T13:44:37	1	0	1	0	1	1.0555	null	null	0.9823	0.9822	0.0001
2023-09-27T13:47:22	3	0	13	13	0	1.0514	1.0514	0.0000	-0.9655	-0.9607	-0.0048
2023-09-27T14:00:02	1	0	47	47	0	1.0495	1.0495	0.0000	0.9998	0.9998	0.0000
2023-09-27T14:03:49	3	0	17	13	4	1.0504	1.0493	-0.0012	-0.9999	-1	0.0001
2023-09-27T14:05:04	2	0	3	5	-2	0.9649	0.9561	-0.0087	0.9218	0.9198	0.0020
2023-09-27T14:05:08	2	0	8	8	0	1.0551	1.0538	-0.0013	-0.6185	-0.6181	-0.0004
2023-09-27T14:06:04	2	0	4	4	0	1.0522	1.0520	-0.0002	0.9998	0.9998	0.0000
2023-09-27T14:07:34	1	0	6	6	0	1.0480	1.0479	-0.0001	1	1	0.0000
2023-09-27T14:08:56	5	0	15	15	0	1.0481	1.0480	-0.0001	0.9915	0.9915	0.0000
2023-09-27T14:10:43	3	0	4	4	0	1.0330	1.0321	-0.0009	-0.9727	-0.9797	0.0070
2023-09-27T14:10:45	1	0	2	2	0	0.9809	0.9812	0.0003	0.9999	0.9999	0.0000
2023-09-27T14:13:04	1	0	122	122	0	1.0557	1.0557	0.0000	0.9936	0.9935	0.0001
2023-09-27T14:13:18	1	0	1	1	0	1.0291	1.0291	0.0000	0.9717	0.9718	-0.0001
2023-09-27T14:15:35	3	0	9	9	0	1.0502	1.0501	-0.0001	0.9989	0.9989	0.0000
2023-09-27T14:16:35	1	0	2	2	0	1.0241	1.0240	-0.0001	0.9864	0.9863	0.0001
2023-09-27T14:18:44	1	0	9	9	0	1.0515	1.0513	-0.0002	0.9854	0.9854	0.0000
2023-09-27T14:18:50	2	0	13	12	1	1.0432	1.0422	-0.0011	1	1	0.0000
2023-09-27T14:20:05	2	0	5	5	0	1.0315	1.0312	-0.0003	0.9247	0.9245	0.0002
2023-09-27T14:20:17	9	0	36	34	2	1.0494	1.0492	-0.0003	-0.9973	-0.9976	0.0003
2023-09-27T14:21:05	2	0	2	2	0	1.0569	1.0567	-0.0001	0.9998	0.9998	0.0000
2023-09-27T14:23:04	2	0	12	12	0	1.0493	1.0492	-0.0001	-1	-1	0.0000
2023-09-27T14:24:24	6	0	11	10	1	1.0462	1.0449	-0.0014	0.9925	0.9924	0.0001
2023-09-27T14:25:11	1	0	3	3	0	0.9410	0.9410	0.0000	0.9749	0.9749	0.0000
2023-09-27T14:25:46	1	0	2	2	0	0.9434	0.9436	0.0002	-1	-1	0.0000
2023-09-27T14:27:21	1	0	19	19	0	0.9650	0.9650	0.0000	0.9818	0.9818	0.0000
2023-09-27T14:28:17	1	0	13	12	1	1.0380	1.0396	0.0016	0.9591	0.9589	0.0002
2023-09-27T14:28:19	1	0	2	2	0	1.0289	1.0288	-0.0001	0.9715	0.9715	0.0000
2023-09-27T14:28:33	1	0	18	18	0	1.0490	1.0489	-0.0001	0.9918	0.9917	0.0001
2023-09-27T14:28:54	3	0	4	4	0	1.0300	1.0292	-0.0008	0.9996	0.9999	-0.0003
2023-09-27T14:29:34	1	0	1	1	0	0.9288	0.9288	0.0000	0.9991	0.9991	0.0000
2023-09-27T14:31:36	1	0	2	2	0	1.0239	1.0238	-0.0001	0.9846	0.9845	0.0001
2023-09-27T14:32:28	1	0	97	97	0	0.9005	0.9031	0.0026	0.9579	0.9542	0.0037
2023-09-27T14:32:55	1	0	10	10	0	1.0237	1.0236	0.0000	0.9649	0.9649	0.0000
2023-09-27T14:33:58	1	0	12	12	0	1.0483	1.0482	-0.0001	-0.9883	-0.9883	0.0000
2023-09-27T14:35:18	4	0	33	31	2	1.0535	1.0534	-0.0001	-0.999	-0.9991	0.0001
2023-09-27T14:36:23	2	0	20	20	0	1.0487	1.0487	0.0000	-0.9558	-0.9551	-0.0007
2023-09-27T14:38:06	1	0	3	3	0	0.9828	0.9830	0.0002	0.9881	0.9881	0.0000
2023-09-27T14:39:27	1	0	39	37	2	1.0561	1.0556	-0.0005	0.9956	0.9952	0.0004
2023-09-27T14:39:57	8	0	14	14	0	1.0518	1.0515	-0.0004	0.9927	0.9926	0.0001
2023-09-27T14:40:02	2	0	2	2	0	1.0732	1.0727	-0.0005	0.9844	0.9866	-0.0022
2023-09-27T14:40:47	1	0	3	3	0	0.9686	0.9687	0.0001	0.9999	0.9999	0.0000
2023-09-27T14:42:22	1	0	42	39	3	0.9508	0.9511	0.0003	0.9825	0.9826	-0.0001
2023-09-27T14:42:34	1	0	6	6	0	1.0494	1.0488	-0.0006	-0.9948	-0.9949	0.0001
2023-09-27T14:43:18	3	0	14	14	0	1.0423	1.0422	-0.0001	0.9748	0.9745	0.0003
2023-09-27T14:43:22	1	0	3	3	0	1.0067	1.0067	0.0000	-0.9656	-0.9653	-0.0003
2023-09-27T14:43:34	1	0	20	20	0	1.0467	1.0467	0.0000	0.9969	0.9969	0.0000
2023-09-27T14:43:55	2	0	3	3	0	1.0457	1.0456	0.0000	0.9998	0.9998	0.0000
2023-09-27T14:44:35	1	0	1	1	0	0.8217	0.8217	0.0000	0.9979	0.9979	0.0000
2023-09-27T14:44:49	1	0	6	6	0	1.0460	1.0460	-0.0001	1	1	0.0000
2023-09-27T14:47:39	1	0	15	14	1	1.0529	1.0527	-0.0003	-0.972	-0.9684	-0.0036
2023-09-27T14:48:52	3	0	13	13	0	1.0453	1.0452	-0.0001	-0.9998	-0.9998	0.0000
2023-09-27T14:50:07	2	0	1	1	0	1.0558	1.0554	-0.0004	0.9302	0.9301	0.0001
2023-09-27T14:50:25	2	0	4	3	1	1.0490	1.0498	0.0008	0.9168	0.9162	0.0006
2023-09-27T14:50:29	4	0	157	155	2	1.0570	1.0574	0.0005	-0.9986	-0.9988	0.0002
2023-09-27T14:51:42	1	0	40	39	1	1.0537	1.0535	-0.0001	-0.9905	-0.9907	0.0002
2023-09-27T14:54:56	3	0	637	632	5	1.0612	1.0611	-0.0001	0.9969	0.996	0.0009
2023-09-27T14:55:34	1	0	17	17	0	1.0486	1.0484	-0.0002	0.9927	0.9926	0.0001
2023-09-27T14:55:47	3	0	1	1	0	1.0368	1.0330	-0.0038	-0.9793	-0.98	0.0007
2023-09-27T14:57:23	1	0	81	76	5	0.9464	0.9469	0.0004	0.9823	0.9823	0.0000
2023-09-27T14:57:52	1	0	42	41	1	1.0491	1.0489	-0.0002	-0.9995	-0.9995	0.0000
2023-09-27T14:58:07	1	0	53	53	0	1.0583	1.0582	-0.0001	-0.9925	-0.9906	-0.0019
2023-09-27T14:58:56	1	0	5	5	0	1.0406	1.0406	0.0000	0.9997	0.9997	0.0000
2023-09-27T14:59:20	2	0	548	548	0	1.0695	1.0692	-0.0003	-0.8308	-0.8342	0.0034
2023-09-27T15:00:38	3	0	13	13	0	1.0531	1.0530	-0.0001	0.9983	0.9983	0.0000
2023-09-27T15:00:48	1	0	22	20	2	1.0573	1.0569	-0.0003	0.9889	0.9995	-0.0106
2023-09-27T15:01:27	1	0	1	0	1	1.0552	null	null	0.9982	0.9982	0.0000
2023-09-27T15:02:57	2	0	26	18	8	1.0380	1.0301	-0.0079	0.955	0.9548	0.0002
2023-09-27T15:03:48	1	0	17	17	0	1.0454	1.0454	0.0000	0.9853	0.9854	-0.0001
2023-09-27T15:04:09	3	0	33	31	2	1.0431	1.0425	-0.0006	0.9545	0.9542	0.0003
2023-09-27T15:05:08	6	0	335	334	1	0.8070	0.8075	0.0005	0.8234	0.8249	-0.0015

2023-09-27T15:05:49	3	0	4	4	0	1.0161	1.0154	-0.0007	0.9996	0.9992	0.0004
2023-09-27T15:05:55	1	0	1	1	0	1.0459	1.0455	-0.0004	0.9982	0.9981	0.0001
2023-09-27T15:06:08	2	0	1	0	1	1.0378	null	null	0.9999	0.9999	0.0000
2023-09-27T15:06:43	2	0	40	39	1	1.0532	1.0530	-0.0002	-0.9942	-0.9944	0.0002
2023-09-27T15:21:45	1	0	55	55	0	1.0543	1.0543	0.0000	-0.9899	-0.99	0.0001
2023-09-27T15:23:08	3	0	21	21	0	1.0504	1.0502	-0.0001	-0.9992	-0.9992	0.0000
2023-09-27T15:24:38	1	0	2	2	0	1.0186	1.0185	-0.0001	0.9795	0.9786	0.0009
2023-09-27T15:26:47	2	0	2	2	0	1.0004	0.9996	-0.0008	0.9956	0.9955	0.0001
2023-09-27T15:27:34	3	0	6	6	0	1.0332	1.0328	-0.0004	-1	-1	0.0000
2023-09-27T15:28:50	2	0	5	5	0	1.0406	1.0402	-0.0004	0.9823	0.9822	0.0001
2023-09-27T15:29:55	1	0	1	1	0	1.0396	1.0393	-0.0003	0.9796	0.9795	0.0001
2023-09-27T15:32:09	1	0	1	1	0	1.0226	1.0223	-0.0003	0.9711	0.9709	0.0002
2023-09-27T15:38:55	1	0	20	20	0	1.0488	1.0488	-0.0001	0.895	0.8944	0.0006
2023-09-27T15:50:01	1	0	1	0	1	1.0556	null	null	-0.9747	-0.9744	-0.0003
2023-09-27T15:50:15	1	0	3	3	0	1.0492	1.0491	-0.0001	-0.7369	-0.7366	-0.0003
2023-09-27T15:51:59	2	0	46	46	0	0.9253	0.9253	0.0000	0.9732	0.9731	0.0001
2023-09-27T15:55:17	1	0	2	2	0	0.9363	0.9364	0.0001	0.9725	0.9723	0.0002
2023-09-27T15:57:27	2	0	13	12	1	1.0215	1.0211	-0.0004	0.9858	0.9857	0.0001
2023-09-27T16:05:02	1	0	77	77	0	0.9120	0.9128	0.0008	0.8223	0.8235	-0.0012
2023-09-27T16:05:12	2	0	1	0	1	1.0204	null	null	0.9132	0.911	0.0022
2023-09-27T16:12:57	1	0	77	75	2	1.0501	1.0500	-0.0001	-0.9977	-0.9977	0.0000
2023-09-27T16:17:47	3	0	87	87	0	1.0573	1.0573	0.0000	-0.9384	-0.9389	0.0005
2023-09-27T16:20:13	2	0	1	0	1	1.0216	null	null	0.9152	0.913	0.0022
2023-09-27T16:21:54	1	0	300	299	1	1.0676	1.0676	0.0000	-0.95	-0.9503	0.0003
2023-09-27T16:35:04	1	0	2	0	2	1.0568	null	null	-0.9793	-0.9794	0.0001
2023-09-27T16:35:36	1	0	130	129	1	1.0659	1.0659	0.0000	-0.9937	-0.9937	0.0000
2023-09-27T18:05:10	1	0	74	74	0	0.9114	0.9115	0.0000	0.8403	0.8409	-0.0006
2023-09-28T08:09:57	1	0	122	120	2	1.0563	1.0562	0.0000	0.9997	0.9997	0.0000
2023-09-28T08:13:54	1	0	58	56	2	1.0537	1.0535	-0.0001	-0.9788	-0.9788	0.0000
2023-09-28T08:18:16	1	0	24	24	0	0.9414	0.9415	0.0001	0.9573	0.9573	0.0000
2023-09-28T08:22:52	1	0	338	337	1	1.0618	1.0618	0.0000	-0.9865	-0.9865	0.0000
2023-09-28T08:25:22	1	0	2	2	0	1.0295	1.0294	-0.0001	-0.9411	-0.9405	-0.0006
2023-09-28T08:29:54	1	0	94	93	1	1.0534	1.0534	0.0000	0.9889	0.9889	0.0000
2023-09-28T08:39:50	2	0	38	37	1	0.9231	0.9231	0.0000	0.9583	0.9587	-0.0004
2023-09-28T08:54:10	2	0	117	105	12	1.0574	1.0570	-0.0004	0.9925	0.9924	0.0001
2023-09-28T09:05:31	2	0	9	9	0	1.0088	1.0087	-0.0001	0.975	0.975	0.0000
2023-09-28T09:13:26	2	0	1	1	0	1.0336	1.0322	-0.0014	0.9987	0.9986	0.0001
2023-09-28T09:16:32	2	0	49	49	0	1.0602	1.0599	-0.0003	0.9977	0.9977	0.0000
2023-09-28T09:18:05	1	0	7	7	0	1.0122	1.0121	-0.0001	0.9905	0.9906	-0.0001
2023-09-28T09:20:10	3	0	51	29	22	1.0508	1.0505	-0.0003	-0.9924	-0.9941	0.0017
2023-09-28T09:20:34	1	0	11	10	1	1.0437	1.0435	-0.0002	-0.9968	-0.9968	0.0000
2023-09-28T09:27:27	1	0	4	4	0	1.0083	1.0081	-0.0002	0.9855	0.9854	0.0001
2023-09-28T09:28:05	1	0	2	2	0	1.0256	1.0254	-0.0001	0.9985	0.9985	0.0000
2023-09-28T09:33:44	1	0	33	28	5	1.0521	1.0514	-0.0007	0.9946	0.9934	0.0012
2023-09-28T09:35:35	1	0	54	54	0	1.0517	1.0517	0.0000	0.8934	0.8937	-0.0003
2023-09-28T09:39:54	1	0	5	5	0	0.8870	0.8872	0.0002	0.9639	0.9643	-0.0004
2023-09-28T09:42:16	2	0	3	3	0	1.0301	1.0296	-0.0005	-1	-1	0.0000
2023-09-28T09:43:48	2	0	4	4	0	1.0337	1.0336	-0.0001	-0.9737	-0.974	0.0003
2023-09-28T09:46:34	1	0	19	19	0	1.0559	1.0559	0.0000	0.9961	0.9961	0.0000
2023-09-28T09:49:22	1	0	2	2	0	0.8914	0.8916	0.0002	0.9742	0.9738	0.0004
2023-09-28T09:49:44	2	0	3	3	0	1.0233	1.0231	-0.0002	0.9843	0.9842	0.0001
2023-09-28T09:51:15	1	0	1	1	0	1.0600	1.0590	-0.0010	-0.9992	-0.9992	0.0000
2023-09-28T09:51:35	1	0	7	6	1	0.9403	0.9407	0.0004	-0.9991	-0.9989	-0.0002
2023-09-28T09:51:37	1	0	340	340	0	1.0997	1.0997	0.0000	-1	-1	0.0000
2023-09-28T09:52:08	1	0	7	7	0	1.0025	1.0025	0.0001	0.9894	0.9894	0.0000
2023-09-28T09:53:15	3	0	54	51	3	0.9408	0.9415	0.0007	0.9952	0.9953	-0.0001
2023-09-28T09:54:33	1	0	1	1	0	1.0558	1.0553	-0.0005	0.996	0.996	0.0000
2023-09-28T09:54:54	2	0	34	34	0	1.0521	1.0520	-0.0002	0.9747	0.9743	0.0004
2023-09-28T09:55:18	1	0	4	4	0	1.1088	1.1088	0.0000	0.9866	0.9862	0.0004
2023-09-28T09:56:28	1	0	5	5	0	1.0508	1.0505	-0.0003	0.9994	0.9993	0.0001
2023-09-28T09:57:17	3	0	2	2	0	1.0256	1.0255	-0.0002	-1	-1	0.0000
2023-09-28T09:57:46	1	0	5	5	0	1.0058	1.0057	-0.0001	0.9552	0.9551	0.0001
2023-09-28T09:57:52	1	0	30	29	1	1.0522	1.0520	-0.0002	-1	-0.9999	-0.0001
2023-09-28T09:59:02	1	0	92	92	0	1.0562	1.0562	0.0000	-0.8527	-0.852	-0.0007
2023-09-28T09:59:23	1	0	1	1	0	1.0366	1.0362	-0.0004	0.9833	0.9832	0.0001
2023-09-28T10:00:24	1	0	14	13	1	1.0467	1.0467	0.0000	0.9992	0.9992	0.0000
2023-09-28T10:01:28	1	0	8	8	0	1.0281	1.0279	-0.0002	0.9898	0.9896	0.0002
2023-09-28T10:01:35	1	0	1	1	0	1.0355	1.0355	0.0000	0.9894	0.9894	0.0000
2023-09-28T10:03:08	1	0	3	3	0	0.9942	0.9942	0.0000	0.9816	0.9818	-0.0002
2023-09-28T10:04:23	1	0	1	1	0	0.8289	0.8293	0.0004	0.9736	0.9737	-0.0001
2023-09-28T10:04:27	1	0	12	11	1	1.0457	1.0447	-0.0010	0.9951	0.9951	0.0000
2023-09-28T10:05:11	2	0	26	24	2	1.0533	1.0529	-0.0004	0.9768	0.9766	0.0002
2023-09-28T10:05:13	3	0	12	10	2	1.0486	1.0483	-0.0003	-0.9945	-0.9946	0.0001
2023-09-28T10:05:28	1	0	3	3	0	0.9873	0.9870	-0.0003	-0.9999	-1	0.0001
2023-09-28T10:05:35	2	0	8	8	0	0.9980	0.9977	-0.0003	0.9682	0.968	0.0002
2023-09-28T10:05:36	1	0	7	7	0	1.0495	1.0493	-0.0002	-0.962	-0.9614	-0.0006
2023-09-28T10:05:37	1	0	4	4	0	1.0378	1.0377	-0.0001	-0.9999	-0.9999	0.0000
2023-09-28T10:06:16	1	0	2	2	0	1.0381	1.0372	-0.0008	-0.9997	-0.9997	0.0000
2023-09-28T10:06:27	2	0	15	14	1	1.0519	1.0514	-0.0005	-0.9941	-0.9941	0.0000
2023-09-28T10:07:09	1	0	50	49	1	0.9518	0.9521	0.0003	0.9888	0.9888	0.0000
2023-09-28T10:08:16	3	0	42	37	5	0.9451	0.9458	0.0007	0.9939	0.9941	-0.0002
2023-09-28T10:09:09	2	0	13	13	0	1.0026	1.0026	0.0000	0.9759	0.9756	0.0003
2023-09-28T10:09:34	1	0	1	0	1	1.0551	null	null	0.9954	0.9954	0.0000
2023-09-28T10:09:42	1	0	8	8	0	1.0206	1.0206	0.0000	-0.9996	-0.9996	0.0000
2023-09-28T10:09:55	1	0	29	29	0	1.0522	1.0521	-0.0002	0.9755	0.9671	0.0084

2023-09-28T10:10:05	2	0	90	80	10	1.0564	1.0562	-0.0003	0.9996	0.9996	0.0000
2023-09-28T10:12:07	2	0	1	1	0	0.9842	0.9847	0.0005	-0.9955	-0.9954	-0.0001
2023-09-28T10:12:18	1	0	3	3	0	1.0299	1.0292	-0.0006	1	1	0.0000
2023-09-28T10:12:30	1	0	3	3	0	1.0066	1.0063	-0.0003	0.9851	0.9849	0.0002
2023-09-28T10:13:30	2	0	1	0	1	1.0314	null	null	0.9989	0.9988	0.0001
2023-09-28T10:13:51	2	0	3	3	0	1.0395	1.0392	-0.0003	-0.9777	-0.9782	0.0005
2023-09-28T10:14:03	1	0	84	79	5	1.0556	1.0552	-0.0005	-0.8641	-0.8647	0.0006
2023-09-28T10:16:51	3	0	12	12	0	1.0185	1.0184	-0.0001	0.9832	0.9831	0.0001
2023-09-28T10:18:24	5	0	75	75	0	0.9332	0.9338	0.0006	0.9401	0.9415	-0.0014
2023-09-28T10:19:46	2	0	4	4	0	1.0209	1.0208	-0.0001	0.9834	0.9832	0.0002
2023-09-28T10:20:04	3	0	24	23	1	0.9375	0.9375	0.0000	0.9873	0.9876	-0.0003
2023-09-28T10:20:06	6	0	14	13	1	1.0459	1.0422	-0.0036	0.9936	0.9934	0.0002
2023-09-28T10:21:37	1	0	2	2	0	0.9422	0.9436	0.0014	-0.9974	-0.9969	-0.0005
2023-09-28T10:24:10	4	0	12	12	0	1.0033	1.0031	-0.0002	0.9768	0.9765	0.0003
2023-09-28T10:24:16	2	0	3	3	0	1.0510	1.0505	-0.0005	0.9772	0.9761	0.0011
2023-09-28T10:24:35	1	0	2	2	0	1.0606	1.0599	-0.0007	0.9915	0.9914	0.0001
2023-09-28T10:25:30	2	0	1	1	0	1.0336	1.0314	-0.0022	-0.9616	-0.9619	0.0003
2023-09-28T10:26:30	2	0	14	13	1	1.0507	1.0505	-0.0001	0.9993	0.9993	0.0000
2023-09-28T10:27:08	2	0	1	1	0	0.9847	0.9852	0.0005	-0.9929	-0.9927	-0.0002
2023-09-28T10:28:31	1	0	15	15	0	1.0474	1.0473	-0.0001	0.9594	0.9591	0.0003
2023-09-28T10:30:26	1	0	11	11	0	1.0482	1.0481	-0.0001	0.9989	0.9989	0.0000
2023-09-28T10:30:54	1	0	10	10	0	1.0476	1.0473	-0.0002	-0.9976	-0.9976	0.0000
2023-09-28T10:33:31	2	0	61	61	0	0.9259	0.9262	0.0003	0.9986	0.998	0.0006
2023-09-28T10:35:15	5	0	16	12	4	1.0469	1.0460	-0.0009	-0.9937	-0.9942	0.0005
2023-09-28T10:35:30	3	0	1	0	1	0.9850	null	null	0.9988	0.9986	0.0002
2023-09-28T10:35:45	1	0	18	18	0	1.0496	1.0495	-0.0001	0.9934	0.9933	0.0001
2023-09-28T10:36:29	1	0	15	15	0	1.0522	1.0522	-0.0001	-0.9962	-0.9962	0.0000
2023-09-28T10:37:31	1	0	1	1	0	1.0593	1.0589	-0.0004	0.9912	0.9911	0.0001
2023-09-28T10:38:18	1	0	29	29	0	0.9472	0.9473	0.0001	0.9919	0.992	-0.0001
2023-09-28T10:39:58	1	0	4	4	0	0.8810	0.8813	0.0004	0.9591	0.9595	-0.0004
2023-09-28T10:40:31	1	0	1	1	0	1.0313	1.0310	-0.0003	-0.9639	-0.9636	-0.0003
2023-09-28T10:42:32	2	0	4	4	0	1.0074	1.0073	-0.0002	0.9856	0.9852	0.0004
2023-09-28T10:43:10	1	0	1	1	0	1.0275	1.0267	-0.0008	0.9964	0.9963	0.0001
2023-09-28T10:47:12	2	0	31	29	2	1.0525	1.0523	-0.0002	0.9729	0.9729	0.0000
2023-09-28T10:48:48	1	0	28	27	1	0.9478	0.9480	0.0002	-0.9997	-0.9997	0.0000
2023-09-28T10:49:40	1	0	2	1	1	1.0555	1.0553	-0.0002	-0.9791	-0.9788	-0.0003
2023-09-28T10:50:14	1	0	26	26	0	1.0539	1.0539	0.0000	0.9721	0.9719	0.0002
2023-09-28T10:50:16	7	0	24	16	8	1.0504	1.0510	0.0007	-0.9921	-0.9926	0.0005
2023-09-28T10:50:40	2	0	8	8	0	1.0449	1.0448	-0.0001	-0.9999	-0.9999	0.0000
2023-09-28T10:54:35	1	0	1	1	0	1.0568	1.0559	-0.0009	-0.9907	-0.9911	0.0004
2023-09-28T10:54:45	1	0	14	14	0	1.0284	1.0284	0.0000	1	1	0.0000
2023-09-28T10:56:32	1	0	2	2	0	1.0709	1.0704	-0.0005	0.9939	0.9938	0.0001
2023-09-28T10:57:51	1	0	10	10	0	1.0371	1.0371	0.0000	0.9804	0.9803	0.0001
2023-09-28T10:58:33	1	0	15	15	0	1.0475	1.0475	0.0000	0.9619	0.9616	0.0003
2023-09-28T10:59:09	1	0	7	7	0	1.0446	1.0445	-0.0001	1	1	0.0000
2023-09-28T10:59:20	1	0	2	2	0	0.9851	0.9851	0.0000	-1	-1	0.0000
2023-09-28T11:00:19	1	0	1	1	0	0.9440	0.9446	0.0006	-0.9997	-0.9997	0.0000
2023-09-28T11:00:43	1	0	9	9	0	1.0399	1.0399	0.0000	-0.9337	-0.9338	0.0001
2023-09-28T11:01:30	2	0	4	4	0	1.0542	1.0538	-0.0004	-0.9686	-0.9907	0.0221
2023-09-28T11:01:32	1	0	7	7	0	1.0334	1.0333	-0.0001	0.991	0.9907	0.0003
2023-09-28T11:02:41	1	0	10	10	0	0.9517	0.9519	0.0003	0.9582	0.9581	0.0001
2023-09-28T11:03:12	1	0	3	3	0	0.9945	0.9944	-0.0001	0.9771	0.9775	-0.0004
2023-09-28T11:03:51	5	0	9	8	1	0.9609	0.9617	0.0008	-0.9996	-0.9996	0.0000
2023-09-28T11:04:17	2	0	46	45	1	1.0494	1.0493	-0.0002	0.999	0.9994	-0.0004
2023-09-28T11:04:55	3	0	30	30	0	0.9387	0.9387	0.0000	0.8889	0.8884	0.0005
2023-09-28T11:05:15	2	0	14	14	0	1.0522	1.0520	-0.0002	0.9715	0.9711	0.0004
2023-09-28T11:05:17	1	0	15	15	0	1.0515	1.0513	-0.0003	-0.9953	-0.9969	0.0016
2023-09-28T11:05:22	2	0	1	0	1	1.0555	null	null	0.9999	0.9999	0.0000
2023-09-28T11:05:32	1	0	1	1	0	0.9882	0.9879	-0.0003	1	0.9999	0.0001
2023-09-28T11:06:45	1	0	8	8	0	1.0423	1.0418	-0.0005	0.9937	0.9936	0.0001
2023-09-28T11:09:19	1	0	180	180	0	1.0663	1.0663	0.0000	0.9813	0.9804	0.0009
2023-09-28T11:09:38	1	0	4	4	0	1.0323	1.0319	-0.0004	0.9941	0.9942	-0.0001
2023-09-28T11:11:33	1	0	7	7	0	0.9813	0.9814	0.0001	0.9759	0.9758	0.0001
2023-09-28T11:12:25	1	0	6	5	1	1.0336	1.0277	-0.0058	-0.9777	-0.978	0.0003
2023-09-28T11:14:07	1	0	144	141	3	1.0594	1.0593	0.0000	-0.8409	-0.8422	0.0013
2023-09-28T11:14:10	1	0	7	7	0	1.0466	1.0466	-0.0001	-0.9987	-0.9987	0.0000
2023-09-28T11:15:44	3	0	16	16	0	1.0518	1.0518	0.0000	-0.9241	-0.9247	0.0006
2023-09-28T11:16:29	2	0	6	6	0	1.0090	1.0092	0.0002	0.9435	0.9435	0.0000
2023-09-28T11:18:51	1	0	10	10	0	0.9476	0.9478	0.0002	-0.999	-0.999	0.0000
2023-09-28T11:19:41	4	0	1	0	1	1.0454	null	null	0.9834	0.9827	0.0007
2023-09-28T11:21:39	1	0	27	26	1	1.0503	1.0503	-0.0001	-0.9604	-0.9599	-0.0005
2023-09-28T11:22:49	1	0	4	4	0	0.9432	0.9435	0.0003	0.9907	0.9887	0.0020
2023-09-28T11:28:35	3	0	2	2	0	1.0440	1.0425	-0.0015	-0.9997	-0.9994	-0.0003
2023-09-28T11:29:11	1	0	8	8	0	1.0453	1.0453	0.0000	-0.999	-0.999	0.0000
2023-09-28T11:30:30	2	0	9	9	0	1.0501	1.0501	-0.0001	0.9994	0.9995	-0.0001
2023-09-28T11:30:36	7	0	3	3	0	1.0138	1.0129	-0.0009	0.9849	0.9071	0.0778
2023-09-28T11:31:32	1	0	1	1	0	1.0649	1.0649	0.0000	0.9806	0.9605	0.0201
2023-09-28T11:31:41	2	0	1	1	0	1.0379	1.0379	0.0000	0.9886	0.9886	0.0000
2023-09-28T11:35:00	2	0	1	1	0	1.0560	1.0552	-0.0008	-0.6843	-0.6854	0.0011
2023-09-28T11:35:24	2	0	2	2	0	1.0567	1.0565	-0.0003	0.9999	0.9999	0.0000
2023-09-28T11:37:15	1	0	6	6	0	1.0177	1.0176	0.0000	0.9899	0.9899	0.0000
2023-09-28T11:37:42	9	0	10	10	0	1.0447	1.0446	-0.0001	0.9926	0.9927	-0.0001
2023-09-28T11:37:50	1	0	1	1	0	1.0639	1.0639	0.0000	0.9888	0.9887	0.0001
2023-09-28T11:39:21	3	0	90	2	88	1.0579	1.0476	-0.0103	0.9924	0.9604	0.0320
2023-09-28T11:40:02	1	0	3	3	0	0.8548	0.8559	0.0011	0.9674	0.9676	-0.0002

2023-09-28T11:42:27	2	0	82	82	0	1.1272	1.1257	-0.0015	-0.9893	-0.9941	0.0048
2023-09-28T11:42:54	1	0	12	12	0	1.0312	1.0312	0.0000	0.977	0.9771	-0.0001
2023-09-28T11:43:36	3	0	1	1	0	1.0602	1.0597	-0.0005	0.9997	0.9997	0.0000
2023-09-28T11:45:22	2	0	2	1	1	0.9448	0.9450	0.0002	0.9978	0.9978	0.0000
2023-09-28T11:45:46	4	0	14	14	0	1.0524	1.0523	0.0000	-0.9284	-0.9332	0.0048
2023-09-28T11:46:00	7	0	2	3	-1	1.0222	1.0165	-0.0057	0.9724	0.9367	0.0357
2023-09-28T11:46:33	2	0	1	1	0	1.0655	1.0655	0.0000	0.9816	0.982	-0.0004
2023-09-28T11:46:42	2	0	4	4	0	1.0525	1.0525	0.0000	0.9929	0.993	-0.0001
2023-09-28T11:47:18	1	0	4	4	0	1.0341	1.0335	-0.0006	0.9414	0.9534	-0.0120
2023-09-28T11:47:40	4	0	38	37	1	1.0531	1.0529	-0.0001	0.9721	0.972	0.0001
2023-09-28T11:47:44	3	0	15	14	1	1.0407	1.0395	-0.0012	0.9728	0.9728	0.0000
2023-09-28T11:50:10	3	0	1	1	0	1.0454	1.0452	-0.0002	0.9973	0.9973	0.0000
2023-09-28T11:52:16	1	0	6	6	0	1.0146	1.0146	0.0000	0.9871	0.987	0.0001
2023-09-28T11:52:36	1	0	4	5	-1	1.0582	1.0577	-0.0005	-0.998	-0.998	0.0000
2023-09-28T11:54:22	3	0	9	0	9	1.0554	null	null	0.9748	0.9393	0.0355
2023-09-28T11:57:28	2	0	3	3	0	1.0054	1.0054	0.0000	-0.9871	-0.9923	0.0052
2023-09-28T11:58:37	3	0	4	5	-1	1.0356	1.0403	0.0047	0.9999	0.9995	0.0004
2023-09-28T12:00:56	2	0	5	6	-1	1.0520	1.0527	0.0007	0.9977	0.9978	-0.0001
2023-09-28T12:01:27	7	0	2	2	0	1.0164	1.0162	-0.0001	0.9393	0.894	0.0453
2023-09-28T12:01:34	2	0	1	1	0	1.0654	1.0654	0.0000	0.9786	0.9791	-0.0005
2023-09-28T12:01:43	2	0	5	5	0	1.0463	1.0462	0.0000	0.9908	0.9908	0.0000
2023-09-28T12:02:41	1	0	35	33	2	1.0529	1.0527	-0.0002	0.97	0.97	0.0000
2023-09-28T12:04:21	2	0	73	72	1	1.0514	1.0513	-0.0001	0.9996	0.9996	0.0000
2023-09-28T12:05:11	2	0	3	3	0	1.0336	1.0335	-0.0001	0.9943	0.9942	0.0001
2023-09-28T12:07:17	1	0	4	4	0	1.0050	1.0049	0.0000	0.9843	0.9842	0.0001
2023-09-28T12:07:52	1	0	1	1	0	1.0631	1.0631	0.0000	0.9918	0.9918	0.0000
2023-09-28T12:09:23	3	0	127	3	124	1.0588	1.0492	-0.0096	0.9891	0.9511	0.0380
2023-09-28T12:11:38	2	0	4	4	0	1.0248	1.0246	-0.0003	0.9964	0.9963	0.0001
2023-09-28T12:27:30	2	0	6	7	-1	1.0315	1.0351	0.0036	-0.9762	-0.9761	-0.0001
2023-09-28T12:45:51	4	0	4	4	0	0.9726	0.9727	0.0001	-0.97	-0.9695	-0.0005
2023-09-28T12:56:41	2	0	1	1	0	0.9336	0.9336	0.0000	0.9935	0.9935	0.0000
2023-09-28T12:58:41	3	0	6	6	0	1.0416	1.0404	-0.0012	1	1	0.0000
2023-09-28T12:59:17	1	0	8	8	0	1.0432	1.0432	0.0000	-0.9996	-0.9996	0.0000
2023-09-28T13:01:07	1	0	3	3	0	1.0570	1.0569	-0.0002	0.9427	0.9422	0.0005
2023-09-28T13:02:52	1	0	7	8	-1	0.9936	0.9875	-0.0061	0.9721	0.9722	-0.0001
2023-09-28T13:03:01	1	0	7	7	0	1.0546	1.0544	-0.0003	0.9656	0.9655	0.0001
2023-09-28T13:10:08	1	0	3	3	0	0.9718	0.9716	-0.0002	0.9905	0.9905	0.0000
2023-09-28T13:16:23	1	0	1	1	0	0.9421	0.9424	0.0003	0.9998	0.9998	0.0000
2023-09-28T13:28:01	1	0	6	6	0	1.0225	1.0225	0.0000	0.9461	0.9462	-0.0001
2023-09-28T13:30:29	2	0	2	3	-1	0.9444	0.9446	0.0002	0.9997	0.9997	0.0000
2023-09-28T13:34:52	4	0	1	1	0	1.0559	1.0559	0.0000	0.9831	0.9836	-0.0005
2023-09-28T13:35:27	1	0	82	82	0	0.9383	0.9389	0.0005	0.997	0.997	0.0000
2023-09-28T13:42:35	1	0	81	80	1	1.0581	1.0574	-0.0007	-0.9877	-0.9877	0.0000
2023-09-28T13:43:40	1	0	1	1	0	1.0371	1.0366	-0.0005	0.9953	0.9953	0.0000
2023-09-28T13:43:44	4	0	45	44	1	1.0503	1.0501	-0.0001	-0.9806	-0.9806	0.0000
2023-09-28T13:54:30	2	0	3	3	0	1.0523	1.0522	-0.0001	0.9652	0.9648	0.0004
2023-09-28T14:01:26	1	0	4	4	0	0.9799	0.9800	0.0001	0.9994	0.9994	0.0000
2023-09-28T14:01:35	1	0	3	3	0	1.0376	1.0374	-0.0002	0.9751	0.9744	0.0007
2023-09-28T14:04:02	6	0	2	2	0	1.0405	1.0405	0.0000	-0.9996	-0.9996	0.0000
2023-09-28T14:05:19	1	0	4	4	0	1.0124	1.0124	-0.0001	0.9966	0.9966	0.0000
2023-09-28T14:05:44	5	0	6	1	5	1.0393	0.9905	-0.0488	-0.9995	-0.9995	0.0000
2023-09-28T14:07:25	2	0	51	49	2	0.9501	0.9503	0.0002	0.9848	0.9848	0.0000
2023-09-28T14:08:25	9	0	17	17	0	1.0525	1.0525	0.0000	0.9928	0.9929	-0.0001
2023-09-28T14:09:31	2	0	3	3	0	1.0500	1.0499	-0.0001	0.9659	0.9655	0.0004
2023-09-28T14:13:24	1	0	2	3	-1	1.0305	1.0300	-0.0005	0.996	0.996	0.0000
2023-09-28T14:13:47	3	0	5	6	-1	1.0356	1.0400	0.0044	1	-0.9995	-0.0005
2023-09-28T14:14:33	1	0	1	1	0	0.7411	0.7411	0.0000	0.9977	0.9965	0.0012
2023-09-28T14:16:05	2	0	6	6	0	1.0511	1.0509	-0.0002	0.9979	0.9978	0.0001
2023-09-28T14:16:27	1	0	3	3	0	0.9925	0.9926	0.0001	0.9997	0.9997	0.0000
2023-09-28T14:16:55	1	0	2	2	0	1.0269	1.0267	-0.0003	0.9776	0.9766	0.0010
2023-09-28T14:17:57	1	0	13	12	1	1.0326	1.0305	-0.0020	0.9695	0.9694	0.0001
2023-09-28T14:19:12	1	0	5	5	0	1.0473	1.0471	-0.0002	0.9381	0.9379	0.0002
2023-09-28T14:20:06	2	0	3	3	0	1.0273	1.0272	-0.0001	0.9825	0.9773	0.0052
2023-09-28T14:20:08	5	0	305	302	3	0.8912	0.8913	0.0002	0.844	0.8446	-0.0006
2023-09-28T14:20:11	3	0	1	0	1	1.0559	null	null	-0.7404	-0.7413	0.0009
2023-09-28T14:20:35	2	0	2	2	0	1.0583	1.0577	-0.0007	0.9998	0.9998	0.0000
2023-09-28T14:20:45	4	0	4	4	0	1.0178	1.0170	-0.0008	-0.9992	-0.9886	-0.0106
2023-09-28T14:22:26	2	0	20	20	0	0.9643	0.9644	0.0001	0.9816	0.9816	0.0000
2023-09-28T14:22:46	1	0	2	2	0	1.0661	1.0660	-0.0001	0.9773	0.9773	0.0000
2023-09-28T14:23:52	8	0	16	15	1	1.0491	1.0484	-0.0008	0.994	0.9939	0.0001
2023-09-28T14:25:13	2	0	3	3	0	0.9238	0.9238	0.0000	0.9843	0.9845	-0.0002
2023-09-28T14:25:36	1	0	5	5	0	1.0258	1.0260	0.0002	0.9696	0.9718	-0.0022
2023-09-28T14:25:46	3	0	1	0	1	1.0250	null	null	-0.9592	-0.9577	-0.0015
2023-09-28T14:26:03	1	0	1	1	0	1.0582	1.0579	-0.0003	-0.9889	-0.989	0.0001
2023-09-28T14:28:25	1	0	6	6	0	1.0318	1.0318	-0.0001	0.9972	0.9972	0.0000
2023-09-28T14:28:43	1	0	13	13	0	1.0456	1.0455	0.0000	0.994	0.9939	0.0001
2023-09-28T14:28:49	3	0	5	6	-1	1.0399	1.0328	-0.0071	-0.9999	-0.9998	-0.0001
2023-09-28T14:29:34	1	0	1	1	0	0.7864	0.7864	0.0000	0.9977	0.9977	0.0000
2023-09-28T14:30:33	4	0	30	30	0	0.9366	0.9369	0.0003	0.9975	0.9976	-0.0001
2023-09-28T14:30:58	1	0	19	18	1	0.9954	0.9924	-0.0030	-0.9519	-0.952	0.0001
2023-09-28T14:31:06	3	0	7	7	0	1.0510	1.0509	-0.0001	0.9974	0.9973	0.0001
2023-09-28T14:31:28	1	0	2	2	0	0.9805	0.9805	0.0001	0.9997	0.9997	0.0000
2023-09-28T14:31:56	1	0	1	1	0	1.0373	1.0365	-0.0008	0.9993	0.9993	0.0000
2023-09-28T14:32:24	6	0	14	13	1	1.0292	1.0287	-0.0005	0.975	0.9745	0.0005
2023-09-28T14:32:25	1	0	2	2	0	1.0310	1.0307	-0.0003	0.9752	0.9742	0.0010

2023-09-28T14:33:41	1	0	14	13	1	1.0255	1.0227	-0.0028	0.9702	0.97	0.0002
2023-09-28T14:33:52	1	0	11	11	0	1.0484	1.0481	-0.0002	0.9893	0.9892	0.0001
2023-09-28T14:34:56	3	0	1	1	0	1.0455	1.0451	-0.0004	0.982	0.9816	0.0004
2023-09-28T14:35:07	2	0	4	4	0	1.0201	1.0200	-0.0001	0.986	0.9811	0.0049
2023-09-28T14:35:31	1	0	36	36	0	1.0462	1.0464	0.0001	-0.9948	-0.9947	-0.0001
2023-09-28T14:35:43	2	0	36	36	0	0.9438	0.9438	0.0000	0.8834	0.8833	0.0001
2023-09-28T14:36:45	1	0	44	43	1	1.0536	1.0535	-0.0001	-0.9904	-0.9905	0.0001
2023-09-28T14:37:27	3	0	85	72	13	0.9460	0.9470	0.0010	0.9825	0.9827	-0.0002
2023-09-28T14:37:50	1	0	2	2	0	1.0648	1.0648	-0.0001	0.9781	0.978	0.0001
2023-09-28T14:39:33	3	0	57	38	19	1.0563	1.0560	-0.0003	0.949	0.9468	0.0022
2023-09-28T14:39:36	9	0	13	13	0	1.0448	1.0431	-0.0017	0.9936	0.9935	0.0001
2023-09-28T14:40:37	2	0	1	0	1	1.0301	null	null	0.9493	0.9479	0.0014
2023-09-28T14:40:37	1	0	1	1	0	0.9401	0.9402	0.0001	0.9687	0.9688	-0.0001
2023-09-28T14:42:07	2	0	1	1	0	1.0568	1.0567	-0.0001	-0.9903	-0.9902	-0.0001
2023-09-28T14:42:39	1	0	83	83	0	1.1142	1.1132	-0.0010	-0.9927	-0.9927	0.0000
2023-09-28T14:43:44	1	0	16	16	0	1.0463	1.0463	0.0000	0.994	0.994	0.0000
2023-09-28T14:44:24	1	0	11	11	0	1.0440	1.0440	0.0000	-0.9985	-0.9985	0.0000
2023-09-28T14:44:35	1	0	2	2	0	0.8852	0.8852	0.0000	0.9985	0.9975	0.0010
2023-09-28T14:45:34	5	0	33	32	1	0.9358	0.9358	0.0000	0.9979	0.9978	0.0001
2023-09-28T14:47:09	1	0	2	2	0	1.0277	1.0276	-0.0002	0.9895	0.9894	0.0001
2023-09-28T14:47:40	4	0	16	15	1	0.9318	0.9324	0.0006	-0.951	-0.9501	-0.0009
2023-09-28T14:50:47	4	0	1	1	0	0.9899	0.9895	-0.0004	-0.9999	-0.9999	0.0000
2023-09-28T14:52:51	1	0	46	44	2	1.0553	1.0559	0.0006	-0.9989	-0.9989	0.0000
2023-09-28T14:54:11	1	0	8	8	0	1.0531	1.0530	-0.0001	0.9967	0.9967	0.0000
2023-09-28T14:55:22	1	0	15	15	0	1.0463	1.0462	0.0000	0.9835	0.9835	0.0000
2023-09-28T14:55:53	1	0	4	4	0	0.9388	0.9389	0.0001	0.9796	0.9797	-0.0001
2023-09-28T14:57:37	4	0	7	7	0	1.0346	1.0340	-0.0006	-1	1	0.0000
2023-09-28T14:58:27	1	0	7	7	0	1.0307	1.0307	0.0000	0.9969	0.9969	0.0000
2023-09-28T15:01:00	1	0	9	9	0	1.0513	1.0513	0.0000	-0.9496	-0.9495	-0.0001
2023-09-28T15:02:26	2	0	13	13	0	1.0345	1.0342	-0.0003	0.9778	0.9819	-0.0041
2023-09-28T15:03:00	3	0	15	13	2	1.0341	1.0306	-0.0035	0.963	0.9629	0.0001
2023-09-28T15:03:09	1	0	5	5	0	1.0523	1.0521	-0.0001	0.9616	0.961	0.0006
2023-09-28T15:04:15	3	0	29	28	1	1.0451	1.0446	-0.0005	0.9582	0.9582	0.0000
2023-09-28T15:04:33	2	0	62	61	1	1.0515	1.0514	-0.0001	0.9976	0.9976	0.0000
2023-09-28T15:05:33	1	0	45	44	1	1.0519	1.0518	-0.0002	-0.9923	-0.9925	0.0002
2023-09-28T15:05:38	2	0	1	1	0	1.0583	1.0580	-0.0003	-1	-1	0.0000
2023-09-28T15:07:52	2	0	39	32	7	1.0526	1.0537	0.0010	-0.9988	-0.9989	0.0001
2023-09-28T15:10:52	2	0	2	2	0	1.0330	1.0324	-0.0007	-0.9453	-0.9457	0.0004
2023-09-28T15:11:14	1	0	4	4	0	1.0402	1.0398	-0.0004	0.996	0.9958	0.0002
2023-09-28T15:11:51	4	0	3	3	0	0.9990	0.9983	-0.0006	0.9957	0.9973	-0.0016
2023-09-28T15:13:08	1	0	6	6	0	1.0478	1.0478	0.0000	0.9685	0.9685	0.0000
2023-09-28T15:13:51	3	0	4	4	0	1.0355	1.0343	-0.0011	-1	-1	0.0000
2023-09-28T15:18:41	1	0	110	109	1	1.0549	1.0549	0.0000	-0.987	-0.9913	0.0043
2023-09-28T15:18:52	4	0	51	51	0	0.9305	0.9305	0.0000	0.9981	0.998	0.0001
2023-09-28T15:19:34	2	0	99	97	2	1.0528	1.0527	-0.0001	0.9969	0.9969	0.0000
2023-09-28T15:19:45	2	0	14	14	0	0.9995	0.9993	-0.0001	0.9888	0.9887	0.0001
2023-09-28T15:19:59	1	0	1	1	0	1.0452	1.0451	-0.0001	0.9801	0.9801	0.0000
2023-09-28T15:20:34	1	0	51	50	1	0.9870	0.9875	0.0005	-0.9996	-0.9999	0.0003
2023-09-28T15:22:53	1	0	20	20	0	1.0531	1.0530	-0.0001	-0.9983	-0.9983	0.0000
2023-09-28T15:24:59	1	0	2	2	0	1.0598	1.0595	-0.0003	0.995	0.995	0.0000
2023-09-28T15:28:49	2	0	21	22	-1	1.0518	1.0515	-0.0003	0.9998	0.9997	0.0001
2023-09-28T15:30:54	2	0	46	46	0	0.9268	0.9267	0.0000	0.9727	0.9726	0.0001
2023-09-28T15:32:00	1	0	1	0	1	1.0372	null	null	0.9998	0.9998	0.0000
2023-09-28T15:34:35	2	0	156	154	2	1.0545	1.0544	0.0000	0.9973	0.9973	0.0000
2023-09-28T15:47:13	1	0	1	1	0	1.0309	1.0305	-0.0004	0.9849	0.9848	0.0001
2023-09-28T15:49:36	2	0	206	204	2	1.0558	1.0557	0.0000	0.9985	0.9985	0.0000
2023-09-28T15:50:57	1	0	29	29	0	1.0506	1.0504	-0.0002	-0.9935	-0.9952	0.0017
2023-09-28T15:55:42	1	0	5	5	0	0.9994	0.9993	-0.0001	0.9784	0.9833	-0.0049
2023-09-28T16:20:51	3	0	295	295	0	0.8793	0.8793	0.0000	0.8559	0.8559	0.0000
2023-09-28T16:33:12	1	0	15	15	0	1.0397	1.0398	0.0001	0.9104	0.9107	-0.0003
2023-09-28T16:45:02	1	0	1	1	0	0.9443	0.9447	0.0004	0.9779	0.9779	0.0000
2023-09-28T16:52:36	3	0	9	9	0	1.0154	1.0154	0.0000	0.9845	0.9844	0.0001
2023-09-28T17:10:00	1	0	4	4	0	1.0374	1.0374	-0.0001	-0.9975	-0.9975	0.0000
2023-09-28T17:11:43	1	0	35	33	2	0.9367	0.9377	0.0010	0.9772	0.9767	0.0005
2023-09-28T18:29:04	1	0	3	3	0	1.0344	1.0343	-0.0001	1	-1	0.0000
2023-09-29T08:09:54	1	0	141	141	0	1.0574	1.0574	0.0000	0.9999	0.9999	0.0000
2023-09-29T08:12:35	2	0	18	18	0	0.9566	0.9567	0.0001	0.9571	0.9571	0.0000
2023-09-29T08:13:53	1	0	123	122	1	1.0587	1.0587	-0.0001	-0.8547	-0.8541	-0.0006
2023-09-29T08:18:15	1	0	11	11	0	0.9510	0.9512	0.0002	0.9607	0.9607	0.0000
2023-09-29T08:22:48	1	0	154	152	2	1.0602	1.0599	-0.0003	-0.9905	-0.9905	0.0000
2023-09-29T08:24:16	2	0	2	2	0	1.0391	1.0391	0.0000	-0.9989	-0.9989	0.0000
2023-09-29T08:24:48	2	0	42	41	1	0.9193	0.9194	0.0001	0.964	0.9644	-0.0004
2023-09-29T08:25:20	1	0	1	1	0	1.0321	1.0318	-0.0003	-0.9395	-0.939	-0.0005
2023-09-29T08:36:28	1	0	5	5	0	0.9403	0.9406	0.0003	-0.9939	-0.9937	-0.0002
2023-09-29T08:49:29	2	0	47	47	0	0.9225	0.9228	0.0003	0.8375	0.8383	-0.0008
2023-09-29T09:05:29	2	0	8	8	0	1.0090	1.0089	-0.0001	0.9768	0.9767	0.0001
2023-09-29T09:18:04	1	0	7	7	0	0.9860	0.9859	-0.0001	0.9792	0.9793	-0.0001
2023-09-29T09:18:19	1	0	69	69	0	0.9637	0.9638	0.0001	0.9695	0.9694	0.0001
2023-09-29T09:24:52	1	0	4	4	0	0.9544	0.9540	-0.0003	0.9893	0.9892	0.0001
2023-09-29T09:27:20	1	0	3	3	0	1.0074	1.0072	-0.0002	0.9854	0.9853	0.0001
2023-09-29T09:28:02	1	0	1	1	0	1.0274	1.0270	-0.0004	0.991	0.9909	0.0001
2023-09-29T09:28:48	2	0	2	2	0	1.0237	1.0235	-0.0003	-0.9846	-0.9847	0.0001
2023-09-29T09:31:32	1	0	1	1	0	1.0416	1.0413	-0.0003	-0.9999	-0.9999	0.0000
2023-09-29T09:32:39	1	0	1	1	0	1.0360	1.0357	-0.0003	0.9133	0.913	0.0003
2023-09-29T09:33:05	1	0	7	7	0	0.9855	0.9856	0.0001	0.9798	0.9801	-0.0003

2023-09-29T09:33:41	1	0	10	10	0	1.0440	1.0438	-0.0002	0.9924	0.9923	0.0001
2023-09-29T09:35:10	3	0	11	11	0	1.0482	1.0474	-0.0008	-0.9948	-0.9949	0.0001
2023-09-29T09:45:25	1	0	1	1	0	0.9142	0.9145	0.0003	0.9949	0.9949	0.0000
2023-09-29T09:49:42	2	0	5	5	0	1.0234	1.0233	-0.0001	0.9836	0.9835	0.0001
2023-09-29T09:49:48	2	0	1	1	0	1.0241	1.0234	-0.0007	0.9332	0.9314	0.0018
2023-09-29T09:50:34	1	0	3	3	0	1.0454	1.0453	-0.0001	0.9996	0.9995	0.0001
2023-09-29T09:51:14	1	0	3	3	0	1.0018	1.0013	-0.0005	-0.999	-0.999	0.0000
2023-09-29T09:51:35	1	0	258	258	0	1.0864	1.0864	0.0000	1	1	0.0000
2023-09-29T09:52:37	1	0	83	81	2	0.9430	0.9433	0.0003	0.9935	0.9936	-0.0001
2023-09-29T09:54:41	2	0	1	1	0	0.9414	0.9420	0.0006	0.9971	0.9874	0.0097
2023-09-29T09:55:01	1	0	104	103	1	1.0560	1.0560	0.0000	0.9994	0.9994	0.0000
2023-09-29T09:55:18	1	0	5	5	0	1.0991	1.0990	-0.0001	0.986	0.9859	0.0001
2023-09-29T09:57:42	1	0	10	10	0	0.9838	0.9838	0.0000	0.9654	0.9653	0.0001
2023-09-29T10:00:12	2	0	4	3	1	0.9442	0.9444	0.0003	0.9988	0.9988	0.0000
2023-09-29T10:00:18	1	0	19	17	2	1.0510	1.0504	-0.0006	-0.9994	-0.9994	0.0000
2023-09-29T10:00:26	1	0	1	1	0	0.8952	0.8952	0.0000	0.9936	0.9936	0.0000
2023-09-29T10:00:28	8	0	3	3	0	1.0305	1.0284	-0.0021	0.9298	0.9581	-0.0283
2023-09-29T10:02:36	4	0	63	61	2	0.9846	0.9823	-0.0024	0.9516	0.9516	0.0000
2023-09-29T10:04:43	1	0	5	5	0	1.0263	1.0263	-0.0001	0.9848	0.9848	0.0000
2023-09-29T10:04:50	2	0	2	2	0	0.9815	0.9811	-0.0004	0.9111	0.9106	0.0005
2023-09-29T10:05:12	3	0	11	10	1	1.0468	1.0457	-0.0011	-0.9955	-0.9957	0.0002
2023-09-29T10:05:33	2	0	7	7	0	1.0049	1.0047	-0.0002	0.9746	0.9744	0.0002
2023-09-29T10:05:35	1	0	5	5	0	1.0479	1.0478	-0.0001	0.9997	0.9997	0.0000
2023-09-29T10:06:15	1	0	1	1	0	1.0616	1.0604	-0.0012	-0.9997	-0.9997	0.0000
2023-09-29T10:06:26	1	0	8	8	0	1.0495	1.0494	-0.0001	-0.995	-0.995	0.0000
2023-09-29T10:06:34	1	0	3	3	0	0.9386	0.9399	0.0013	-0.9936	-0.9931	-0.0005
2023-09-29T10:07:25	3	0	2	0	2	1.0375	null	null	-0.9863	-0.9867	0.0004
2023-09-29T10:07:38	1	0	22	18	4	0.9509	0.9525	0.0016	0.9942	0.9942	0.0000
2023-09-29T10:09:11	1	0	7	7	0	1.0096	1.0095	-0.0001	0.9721	0.9718	0.0003
2023-09-29T10:09:40	1	0	6	6	0	1.0204	1.0203	-0.0001	-1	-1	0.0000
2023-09-29T10:09:42	2	0	2	2	0	0.9438	0.9441	0.0003	0.9968	0.9889	0.0079
2023-09-29T10:10:02	1	0	75	55	20	1.0555	1.0552	-0.0002	0.9994	0.9993	0.0001
2023-09-29T10:10:27	2	0	1	1	0	1.0377	1.0357	-0.0020	-0.9451	-0.9455	0.0004
2023-09-29T10:12:03	2	0	2	2	0	0.9946	0.9948	0.0002	-0.9949	-0.9948	-0.0001
2023-09-29T10:12:23	1	0	2	2	0	1.0092	1.0089	-0.0003	0.9856	0.9854	0.0002
2023-09-29T10:12:43	2	0	16	15	1	0.9758	0.9762	0.0004	0.9627	0.9628	-0.0001
2023-09-29T10:13:52	2	0	3	3	0	1.0360	1.0357	-0.0003	-0.9811	-0.9815	0.0004
2023-09-29T10:14:01	1	0	59	52	7	1.0533	1.0526	-0.0007	-0.8765	-0.877	0.0005
2023-09-29T10:14:04	2	0	11	11	0	1.0454	1.0453	-0.0001	-0.9972	-0.9972	0.0000
2023-09-29T10:14:32	1	0	1	1	0	0.9438	0.9444	0.0006	0.9771	0.9772	-0.0001
2023-09-29T10:15:48	2	0	9	9	0	1.0404	1.0401	-0.0003	-0.9997	-0.9997	0.0000
2023-09-29T10:16:16	2	0	8	8	0	1.0314	1.0313	-0.0001	0.9844	0.9839	0.0005
2023-09-29T10:16:35	1	0	2	1	1	1.0416	1.0411	-0.0006	-0.9999	-1	0.0001
2023-09-29T10:16:48	2	0	8	8	0	0.9891	0.9891	0.0000	0.9857	0.9856	0.0001
2023-09-29T10:18:23	3	0	26	27	-1	0.9568	0.9646	0.0078	0.972	0.9723	-0.0003
2023-09-29T10:19:43	5	0	19	18	1	1.0484	1.0457	-0.0027	0.9932	0.993	0.0002
2023-09-29T10:20:09	3	0	27	25	2	1.0533	1.0534	0.0001	0.9709	0.9705	0.0004
2023-09-29T10:20:30	4	0	4	4	0	0.9936	0.9923	-0.0013	1	0.9998	0.0002
2023-09-29T10:20:30	2	0	3	3	0	1.0375	1.0372	-0.0002	-0.9996	-0.9996	0.0000
2023-09-29T10:22:29	1	0	1	1	0	1.0561	1.0558	-0.0003	0.9894	0.9893	0.0001
2023-09-29T10:22:39	1	0	30	29	1	0.9546	0.9546	0.0000	0.9937	0.9937	0.0000
2023-09-29T10:24:12	4	0	12	12	0	1.0196	1.0194	-0.0002	0.9711	0.9708	0.0003
2023-09-29T10:24:43	3	0	2	2	0	1.0388	1.0382	-0.0006	0.9939	0.9952	-0.0013
2023-09-29T10:24:56	1	0	4	4	0	0.9337	0.9340	0.0003	0.9744	0.9746	-0.0002
2023-09-29T10:25:03	1	0	117	116	1	1.0571	1.0571	0.0000	0.9991	0.9991	0.0000
2023-09-29T10:25:20	1	0	130	130	0	0.8960	0.8964	0.0003	0.9791	0.9792	-0.0001
2023-09-29T10:27:04	2	0	2	2	0	0.9873	0.9875	0.0002	-0.9961	-0.996	-0.0001
2023-09-29T10:27:24	1	0	8	8	0	1.0093	1.0092	-0.0001	0.986	0.9858	0.0002
2023-09-29T10:28:19	1	0	18	17	1	1.0470	1.0475	0.0005	0.9886	0.9885	0.0001
2023-09-29T10:29:21	1	0	1	1	0	1.0333	1.0328	-0.0005	0.9859	0.9653	0.0206
2023-09-29T10:30:51	1	0	12	12	0	1.0452	1.0452	-0.0001	-1	-1	0.0000
2023-09-29T10:31:49	1	0	10	10	0	1.0292	1.0292	0.0000	0.9856	0.9857	-0.0001
2023-09-29T10:34:52	4	0	342	342	0	0.8338	0.8342	0.0005	0.8274	0.8279	-0.0005
2023-09-29T10:35:19	2	0	1	0	1	1.0551	null	null	0.9989	0.9989	0.0000
2023-09-29T10:35:31	2	0	2	2	0	0.9845	0.9838	-0.0008	-0.9985	0.998	0.0035
2023-09-29T10:35:34	1	0	16	16	0	1.0461	1.0459	-0.0002	0.9926	0.9925	0.0001
2023-09-29T10:36:28	1	0	7	7	0	1.0521	1.0520	-0.0001	-0.9971	-0.997	-0.0001
2023-09-29T10:39:12	2	0	5	5	0	1.0506	1.0503	-0.0004	0.9727	0.9715	0.0012
2023-09-29T10:39:53	2	0	12	12	0	1.0478	1.0476	-0.0002	0.9577	0.9571	0.0006
2023-09-29T10:40:29	1	0	1	1	0	1.0333	1.0330	-0.0003	-0.9616	-0.9613	-0.0003
2023-09-29T10:41:26	1	0	3	3	0	0.9631	0.9629	-0.0002	0.9899	0.9894	0.0005
2023-09-29T10:42:46	1	0	7	7	0	1.0085	1.0086	0.0000	0.9695	0.9696	-0.0001
2023-09-29T10:44:28	1	0	1	1	0	1.0265	1.0265	0.0000	0.9992	0.9992	0.0000
2023-09-29T10:48:13	1	0	4	4	0	0.9668	0.9669	0.0001	0.9723	0.973	-0.0007
2023-09-29T10:48:25	3	0	21	19	2	0.9842	0.9820	-0.0022	0.9783	0.9782	0.0001
2023-09-29T10:52:41	1	0	10	10	0	1.0036	1.0036	0.0000	0.9923	0.9923	0.0000
2023-09-29T10:54:14	1	0	11	10	1	1.0028	0.9996	-0.0032	0.9694	0.9691	0.0003
2023-09-29T10:54:43	1	0	6	6	0	1.0230	1.0230	-0.0001	0.9999	0.9999	0.0000
2023-09-29T10:58:21	2	0	18	18	0	1.0477	1.0476	0.0000	0.9921	0.992	0.0001
2023-09-29T11:00:34	1	0	2	2	0	1.0502	1.0483	-0.0018	0.9785	0.9502	0.0283
2023-09-29T11:00:39	1	0	4	4	0	1.0573	1.0573	0.0000	-0.9556	-0.96	0.0044
2023-09-29T11:01:12	2	0	1	0	1	1.0356	null	null	0.9635	0.9631	0.0004
2023-09-29T11:03:14	1	0	4	4	0	0.9674	0.9673	-0.0001	0.9738	0.9742	-0.0004
2023-09-29T11:03:26	1	0	12	12	0	1.0285	1.0283	-0.0003	0.9815	0.9816	-0.0001
2023-09-29T11:03:33	1	0	3	3	0	1.0665	1.0663	-0.0003	0.9739	0.9736	0.0003

2023-09-29T11:05:05	1	0	69	67	2	1.0516	1.0515	-0.0001	0.9999	0.9999	0.0000
2023-09-29T11:05:16	2	0	4	6	-2	1.0485	1.0469	-0.0016	-0.998	-0.9982	0.0002
2023-09-29T11:05:21	2	0	1	1	0	1.0589	1.0579	-0.0010	0.999	0.999	0.0000
2023-09-29T11:06:27	1	0	11	11	0	1.0450	1.0446	-0.0004	0.9936	0.9936	0.0000
2023-09-29T11:07:30	1	0	1	1	0	1.0427	1.0409	-0.0018	0.9924	0.9931	-0.0007
2023-09-29T11:09:14	1	0	5	5	0	1.0516	1.0514	-0.0001	0.9812	0.9806	0.0006
2023-09-29T11:11:30	1	0	2	2	0	1.0594	1.0591	-0.0002	0.9995	0.9995	0.0000
2023-09-29T11:11:31	1	0	2	2	0	1.0721	1.0716	-0.0006	-0.9999	-0.9999	0.0000
2023-09-29T11:16:13	2	0	11	10	1	1.0432	1.0429	-0.0003	0.986	0.9857	0.0003
2023-09-29T11:17:13	1	0	1	1	0	1.0578	1.0567	-0.0011	0.9648	0.9646	0.0002
2023-09-29T11:18:27	1	0	42	40	2	0.9491	0.9492	0.0002	0.9744	0.9742	0.0002
2023-09-29T11:18:32	1	0	9	10	-1	0.9402	0.9405	0.0003	1	1	0.0000
2023-09-29T11:20:17	5	0	2	0	2	1.0497	null	null	-0.9974	-0.9974	0.0000
2023-09-29T11:20:34	1	0	4	4	0	1.0376	1.0375	-0.0001	-0.9989	-0.9989	0.0000
2023-09-29T11:20:40	2	0	6	6	0	1.0476	1.0475	-0.0002	-0.9999	-1	0.0001
2023-09-29T11:22:31	1	0	2	2	0	1.0240	1.0237	-0.0003	0.9734	0.9721	0.0013
2023-09-29T11:28:10	1	0	1	1	0	1.0267	1.0259	-0.0008	0.9907	0.9905	0.0002
2023-09-29T11:28:31	2	0	19	18	1	1.0475	1.0474	-0.0001	0.9751	0.9747	0.0004
2023-09-29T11:28:33	3	0	3	3	0	1.0412	1.0389	-0.0023	0.9996	0.9978	0.0018
2023-09-29T11:29:31	1	0	1	1	0	1.0262	1.0262	0.0000	0.9987	0.9987	0.0000
2023-09-29T11:30:30	2	0	49	49	0	0.9535	0.9534	-0.0001	0.9874	0.9873	0.0001
2023-09-29T11:30:41	1	0	3	3	0	1.0574	1.0574	0.0000	-0.9554	-0.9553	-0.0001
2023-09-29T11:31:53	4	0	8	9	-1	1.0401	1.0360	-0.0041	0.9877	0.9876	0.0001
2023-09-29T11:32:42	4	0	12	11	1	1.0408	1.0388	-0.0020	0.9765	0.9764	0.0001
2023-09-29T11:34:49	2	0	4	4	0	1.0217	1.0217	0.0000	0.9828	0.9851	-0.0023
2023-09-29T11:36:32	3	0	15	14	1	1.0547	1.0545	-0.0002	-0.9939	-0.9939	0.0000
2023-09-29T11:37:17	7	0	12	12	0	1.0459	1.0458	-0.0001	0.9933	0.9933	0.0000
2023-09-29T11:37:32	7	0	14	13	1	1.0550	1.0549	-0.0001	0.9897	0.99	-0.0003
2023-09-29T11:45:31	2	0	45	45	0	0.9260	0.9260	0.0000	0.9853	0.9853	0.0000
2023-09-29T11:47:13	4	0	33	33	0	1.0505	1.0505	0.0000	0.9848	0.9848	0.0000
2023-09-29T11:47:43	3	0	8	11	-3	1.0539	1.0543	0.0004	0.9647	0.9648	-0.0001
2023-09-29T11:49:06	1	0	29	28	1	1.0500	1.0499	-0.0002	0.9871	0.9871	0.0000
2023-09-29T11:50:36	7	0	3	4	-1	1.0075	1.0199	0.0124	-0.9948	-0.9943	-0.0005
2023-09-29T11:52:25	1	0	8	8	0	1.0489	1.0487	-0.0002	0.9999	0.9999	0.0000
2023-09-29T11:54:36	2	0	7	5	2	1.0576	1.0561	-0.0015	-0.9954	-0.9956	0.0002
2023-09-29T11:56:31	1	0	1	1	0	0.9373	0.9373	0.0000	0.9918	0.9921	-0.0003
2023-09-29T11:58:35	3	0	5	7	-2	1.0388	1.0388	0.0000	0.9997	1	-0.0003
2023-09-29T11:59:33	1	0	1	1	0	0.8504	0.8505	0.0001	0.9979	0.9979	0.0000
2023-09-29T12:00:32	2	0	47	47	0	0.9440	0.9440	0.0000	0.9866	0.9866	0.0000
2023-09-29T12:02:14	6	0	55	53	2	1.0533	1.0530	-0.0002	0.9833	0.9831	0.0002
2023-09-29T12:03:01	3	0	13	12	1	1.0538	1.0531	-0.0007	0.965	0.9649	0.0001
2023-09-29T12:05:37	7	0	4	5	-1	1.0211	1.0262	0.0050	-0.9924	-0.992	-0.0004
2023-09-29T12:07:34	7	0	2	2	0	1.0290	1.0288	-0.0003	0.9651	0.9668	-0.0017
2023-09-29T12:09:51	1	0	12	11	1	1.0520	1.0506	-0.0014	0.9996	0.9996	0.0000
2023-09-29T12:09:59	2	0	6	5	1	1.0564	1.0557	-0.0007	-0.9975	-0.9975	0.0000
2023-09-29T12:11:32	3	0	2	2	0	1.0010	1.0006	-0.0004	0.9958	0.9958	0.0000
2023-09-29T12:12:26	1	0	4	4	0	1.0438	1.0338	-0.0100	-0.9997	1	0.0003
2023-09-29T12:16:36	1	0	19	18	1	1.0484	1.0480	-0.0004	0.9957	0.9957	0.0000
2023-09-29T12:20:34	2	0	71	66	5	1.0523	1.0521	-0.0002	0.9972	0.9972	0.0000
2023-09-29T12:25:19	1	0	6	5	1	1.0568	1.0561	-0.0007	-0.9973	-0.9973	0.0000
2023-09-29T12:29:35	1	0	1	1	0	0.8320	0.8320	0.0000	0.9963	0.9963	0.0000
2023-09-29T12:30:05	1	0	30	29	1	1.0495	1.0492	-0.0003	0.984	0.984	0.0000
2023-09-29T12:41:34	1	0	1	1	0	0.9377	0.9377	0.0000	0.9949	0.995	-0.0001
2023-09-29T12:43:38	2	0	6	7	-1	1.0374	1.0402	0.0029	-0.999	-0.9996	0.0006
2023-09-29T12:44:36	1	0	1	1	0	0.8365	0.8365	0.0000	0.9962	0.9961	0.0001
2023-09-29T12:50:40	2	0	3	6	-3	1.0080	1.0318	0.0238	-0.9998	-0.9898	-0.0100
2023-09-29T12:57:57	1	0	6	6	0	1.0491	1.0490	-0.0001	0.9972	0.9972	0.0000
2023-09-29T12:58:39	2	0	10	10	0	1.0418	1.0412	-0.0006	-1	1	0.0000
2023-09-29T12:59:37	1	0	1	1	0	0.8397	0.8397	0.0000	0.9969	0.9969	0.0000
2023-09-29T13:00:54	1	0	21	21	0	1.0582	1.0580	-0.0001	-0.9397	-0.9343	-0.0054
2023-09-29T13:05:41	3	0	4	4	0	1.0193	1.0182	-0.0010	-0.9895	-0.9908	0.0013
2023-09-29T13:13:40	1	0	5	6	-1	1.0386	1.0427	0.0042	-1	-1	0.0000
2023-09-29T13:16:27	1	0	3	3	0	0.9923	0.9924	0.0001	0.9999	0.9999	0.0000
2023-09-29T13:17:00	3	0	9	10	-1	1.0099	1.0118	0.0019	0.986	0.986	0.0000
2023-09-29T13:19:12	5	0	37	36	1	1.0496	1.0494	-0.0002	0.9871	0.9871	0.0000
2023-09-29T13:20:42	3	0	2	3	-1	1.0008	1.0015	0.0006	-0.9967	-0.9961	-0.0006
2023-09-29T13:40:42	1	0	1	1	0	1.0087	1.0080	-0.0007	0.9547	0.9489	0.0058
2023-09-29T13:43:42	3	0	8	8	0	1.0382	1.0377	-0.0005	-0.9999	1	0.0001
2023-09-29T13:47:02	2	0	9	11	-2	0.9979	0.9882	-0.0097	0.9851	0.9849	0.0002
2023-09-29T13:47:58	1	0	12	12	0	1.0395	1.0397	0.0001	0.895	0.8858	0.0092
2023-09-29T13:48:27	1	0	1	1	0	1.0565	1.0562	-0.0003	0.9402	0.94	0.0002
2023-09-29T13:48:37	1	0	16	18	-2	1.0382	1.0373	-0.0008	0.9841	0.9834	0.0007
2023-09-29T13:50:06	2	0	4	4	0	1.0511	1.0510	-0.0001	-0.7876	-0.7688	-0.0188
2023-09-29T13:50:45	3	0	4	4	0	1.0187	1.0181	-0.0006	-0.9997	-0.9897	-0.0100
2023-09-29T13:56:05	2	0	6	5	1	1.0550	1.0539	-0.0011	-0.998	-0.998	0.0000
2023-09-29T14:01:40	2	0	2	2	0	1.0630	1.0628	-0.0002	0.9797	0.9787	0.0010
2023-09-29T14:02:22	4	0	37	37	0	1.0532	1.0532	0.0000	0.9733	0.9733	0.0000
2023-09-29T14:02:59	1	0	18	18	0	1.0487	1.0486	-0.0001	0.8903	0.8896	0.0007
2023-09-29T14:03:00	2	0	6	6	0	1.0332	1.0331	0.0000	0.9803	0.98	0.0003
2023-09-29T14:05:07	4	0	4	4	0	1.0514	1.0510	-0.0004	-0.8106	-0.8116	0.0010
2023-09-29T14:05:17	2	0	26	25	1	1.0507	1.0503	-0.0004	-1	-1	0.0000
2023-09-29T14:05:33	3	0	9	11	-2	1.0524	1.0520	-0.0004	0.9627	0.9629	-0.0002
2023-09-29T14:06:42	3	0	21	21	0	1.0571	1.0569	-0.0002	-0.9933	-0.9934	0.0001
2023-09-29T14:07:34	1	0	10	10	0	1.0511	1.0510	-0.0001	0.9998	0.9998	0.0000
2023-09-29T14:07:42	1	0	1	1	0	1.0340	1.0336	-0.0004	0.9889	0.9887	0.0002

2023-09-29T14:09:59	6	0	6	6	0	1.0437	1.0433	-0.0004	0.9952	0.9951	0.0001
2023-09-29T14:10:18	1	0	4	6	-2	1.0492	1.0478	-0.0014	0.9969	0.9969	0.0000
2023-09-29T14:11:06	7	0	6	4	2	1.0564	1.0554	-0.0010	-0.9982	-0.9985	0.0003
2023-09-29T14:13:02	4	0	14	14	0	1.0315	1.0314	0.0000	0.9635	0.9634	0.0001
2023-09-29T14:13:45	3	0	7	7	0	1.0362	1.0357	-0.0005	-1	1	0.0000
2023-09-29T14:15:18	1	0	14	13	1	1.0458	1.0451	-0.0007	0.9651	0.9651	0.0000
2023-09-29T14:16:18	4	0	30	29	1	1.0523	1.0521	-0.0002	-0.9913	-0.9916	0.0003
2023-09-29T14:16:31	1	0	3	3	0	0.9942	0.9943	0.0001	0.9998	0.9998	0.0000
2023-09-29T14:16:52	2	0	3	3	0	1.0490	1.0488	-0.0002	1	-0.9999	-0.0001
2023-09-29T14:17:04	4	0	16	16	0	1.0249	1.0248	-0.0001	0.9867	0.9866	0.0001
2023-09-29T14:17:25	1	0	1	1	0	1.0559	1.0553	-0.0006	0.9625	0.9618	0.0007
2023-09-29T14:17:51	1	0	35	35	0	0.9226	0.9230	0.0004	0.9388	0.9389	-0.0001
2023-09-29T14:17:56	2	0	282	281	1	0.9199	0.9200	0.0002	0.9045	0.9047	-0.0002
2023-09-29T14:18:00	1	0	126	124	2	1.0571	1.0570	-0.0001	0.8931	0.8929	0.0002
2023-09-29T14:18:01	1	0	5	5	0	0.9793	0.9796	0.0003	0.9736	0.9739	-0.0003
2023-09-29T14:18:10	3	0	4	4	0	1.0526	1.0524	-0.0003	0.966	0.9651	0.0009
2023-09-29T14:18:44	1	0	16	16	0	1.0472	1.0471	-0.0001	0.9899	0.9899	0.0000
2023-09-29T14:20:07	6	0	7	7	0	1.0272	1.0271	-0.0001	0.9268	0.9263	0.0005
2023-09-29T14:20:08	4	0	4	4	0	1.0511	1.0509	-0.0002	-0.7976	-0.7979	0.0003
2023-09-29T14:20:18	4	0	38	36	2	1.0518	1.0518	0.0000	-0.9978	-0.9978	0.0000
2023-09-29T14:20:29	18	0	27	22	5	1.0437	1.0431	-0.0006	-0.9994	-0.9994	0.0000
2023-09-29T14:20:34	1	0	10	10	0	1.0447	1.0446	0.0000	0.9627	0.9627	0.0000
2023-09-29T14:20:50	3	0	1	0	1	1.0553	null	null	0.9734	0.9667	0.0067
2023-09-29T14:20:54	5	0	438	434	4	1.0585	1.0585	0.0000	0.9694	0.9708	-0.0014
2023-09-29T14:21:43	2	0	21	21	0	1.0562	1.0561	0.0000	-0.9937	-0.9938	0.0001
2023-09-29T14:22:35	2	0	17	17	0	1.0516	1.0516	-0.0001	1	1	0.0000
2023-09-29T14:22:58	2	0	32	32	0	1.0514	1.0515	0.0001	0.9931	0.993	0.0001
2023-09-29T14:25:00	2	0	4	4	0	1.0035	1.0034	-0.0002	0.9955	0.9942	0.0013
2023-09-29T14:25:19	1	0	6	6	0	1.0481	1.0481	-0.0001	0.9978	0.9978	0.0000
2023-09-29T14:25:39	1	0	25	25	0	1.0538	1.0538	0.0000	0.999	0.999	0.0000
2023-09-29T14:26:07	5	0	3	3	0	1.0554	1.0552	-0.0002	-0.9986	-0.9986	0.0000
2023-09-29T14:28:03	3	0	18	18	0	1.0359	1.0359	-0.0001	0.969	0.9686	0.0004
2023-09-29T14:28:46	3	0	6	6	0	1.0213	1.0210	-0.0003	1	-0.9999	-0.0001
2023-09-29T14:29:18	2	0	187	181	6	1.0591	1.0590	-0.0001	-0.8592	-0.8626	0.0034
2023-09-29T14:29:21	1	0	39	39	0	1.0482	1.0481	0.0000	-0.9996	-0.9997	0.0001
2023-09-29T14:29:43	1	0	1	1	0	0.8223	0.8223	0.0000	0.9977	0.9977	0.0000
2023-09-29T14:30:19	1	0	15	15	0	1.0463	1.0463	0.0000	0.9652	0.9649	0.0003
2023-09-29T14:31:00	1	0	16	16	0	1.0536	1.0536	0.0000	-0.9452	-0.9453	0.0001
2023-09-29T14:31:32	1	0	3	3	0	0.9935	0.9936	0.0001	0.9998	0.9998	0.0000
2023-09-29T14:31:53	2	0	4	4	0	1.0365	1.0364	-0.0001	0.9997	0.9997	0.0000
2023-09-29T14:32:05	4	0	14	14	0	1.0206	1.0206	0.0000	0.9869	0.9867	0.0002
2023-09-29T14:32:24	4	0	40	40	0	1.0531	1.0531	0.0000	0.976	0.976	0.0000
2023-09-29T14:32:26	1	0	1	1	0	1.0558	1.0557	-0.0001	0.9599	0.9599	0.0000
2023-09-29T14:32:57	3	0	32	31	1	1.0369	1.0362	-0.0007	0.9624	0.9622	0.0002
2023-09-29T14:33:02	2	0	8	8	0	1.0363	1.0362	-0.0001	0.9843	0.9838	0.0005
2023-09-29T14:33:38	1	0	130	128	2	1.0562	1.0561	0.0000	-0.9927	-0.9929	0.0002
2023-09-29T14:33:49	1	0	17	17	0	1.0504	1.0503	0.0000	0.9912	0.9912	0.0000
2023-09-29T14:34:49	6	0	5	3	2	1.0476	1.0453	-0.0023	0.9833	0.9824	0.0009
2023-09-29T14:35:01	2	0	4	4	0	1.0239	1.0239	0.0000	0.9836	0.9836	0.0000
2023-09-29T14:35:09	4	0	4	4	0	1.0510	1.0508	-0.0002	-0.8107	-0.8109	0.0002
2023-09-29T14:35:30	18	0	33	31	2	1.0453	1.0443	-0.0010	-0.9985	-0.9987	0.0002
2023-09-29T14:35:35	3	0	9	9	0	1.0506	1.0502	-0.0004	0.9614	0.9609	0.0005
2023-09-29T14:35:50	4	0	1	1	0	0.9895	0.9884	-0.0011	0.9991	0.9987	0.0004
2023-09-29T14:35:55	4	0	29	28	1	1.0493	1.0493	0.0000	-0.9993	-0.9994	0.0001
2023-09-29T14:36:05	2	0	6	6	0	1.0356	1.0354	-0.0002	0.9119	0.9118	0.0001
2023-09-29T14:36:44	2	0	25	25	0	1.0553	1.0552	-0.0001	-0.9934	-0.9935	0.0001
2023-09-29T14:37:36	4	0	52	47	5	1.0535	1.0536	0.0001	-0.9991	-0.9991	0.0000
2023-09-29T14:37:44	7	0	1	1	0	1.0371	1.0320	-0.0051	0.9941	0.9731	0.0210
2023-09-29T14:38:03	1	0	10	10	0	0.9848	0.9850	0.0001	0.988	0.988	0.0000
2023-09-29T14:38:51	9	0	52	51	1	1.0507	1.0505	-0.0002	0.9931	0.993	0.0001
2023-09-29T14:40:01	2	0	3	3	0	1.0514	1.0513	0.0000	0.9936	0.995	-0.0014
2023-09-29T14:40:20	1	0	8	8	0	1.0476	1.0476	0.0000	0.9955	0.9955	0.0000
2023-09-29T14:41:45	1	0	25	24	1	1.0547	1.0553	0.0006	0.9996	0.9995	0.0001
2023-09-29T14:43:04	2	0	14	14	0	1.0323	1.0323	0.0000	0.9705	0.9705	0.0000
2023-09-29T14:43:04	1	0	11	11	0	1.0500	1.0500	0.0000	0.9973	0.9973	0.0000
2023-09-29T14:43:23	1	0	2	2	0	1.0277	1.0277	0.0000	0.9864	0.9864	0.0000
2023-09-29T14:43:44	2	0	34	34	0	1.0478	1.0478	0.0000	0.9741	0.9741	0.0000
2023-09-29T14:44:19	2	0	294	294	0	1.0611	1.0611	-0.0001	-0.8562	-0.856	-0.0002
2023-09-29T14:44:22	1	0	52	50	2	1.0481	1.0482	0.0001	-0.9998	-0.9998	0.0000
2023-09-29T14:44:45	1	0	1	1	0	0.8036	0.8036	0.0000	0.9989	0.9989	0.0000
2023-09-29T14:45:20	1	0	13	13	0	1.0458	1.0458	0.0000	0.9624	0.9624	0.0000
2023-09-29T14:45:43	2	0	14	14	0	1.0450	1.0441	-0.0008	0.9893	0.9892	0.0001
2023-09-29T14:47:58	1	0	32	32	0	0.9691	0.9692	0.0001	0.9518	0.9518	0.0000
2023-09-29T14:51:06	1	0	8	8	0	1.0210	1.0209	-0.0001	0.9092	0.9086	0.0006
2023-09-29T14:52:45	1	0	2	2	0	1.0319	1.0318	-0.0002	0.9925	0.992	0.0005
2023-09-29T14:56:59	1	0	2	2	0	1.0506	1.0505	-0.0001	0.9985	0.9984	0.0001
2023-09-29T14:58:05	1	0	17	16	1	1.0353	1.0350	-0.0003	0.9681	0.968	0.0001
2023-09-29T14:58:47	3	0	4	4	0	1.0297	1.0294	-0.0003	-1	-1	0.0000
2023-09-29T14:59:04	1	0	8	8	0	1.0181	1.0180	-0.0001	0.9973	0.9972	0.0001
2023-09-29T15:03:03	1	0	17	17	0	1.0482	1.0482	0.0000	0.9093	0.9092	0.0001
2023-09-29T15:04:01	1	0	3	3	0	1.0433	1.0432	-0.0002	-0.9861	-0.9861	0.0000
2023-09-29T15:04:51	4	0	5	5	0	1.0479	1.0478	-0.0002	0.9832	0.9829	0.0003
2023-09-29T15:05:21	3	0	44	41	3	1.0548	1.0548	0.0000	-0.9984	-0.9984	0.0000
2023-09-29T15:10:03	1	0	4	4	0	1.0200	1.0199	0.0000	0.9938	0.9951	-0.0013
2023-09-29T15:10:47	1	0	1	1	0	1.0345	1.0331	-0.0014	-0.9647	-0.9578	-0.0069

2023-09-29T15:12:26	1	0	1	1	0	1.0577	1.0577	0.0000	0.9983	0.9983	0.0000
2023-09-29T15:13:06	1	0	20	20	0	1.0351	1.0350	-0.0001	0.9684	0.9681	0.0003
2023-09-29T15:17:06	1	0	2	2	0	1.0293	1.0290	-0.0002	0.9851	0.985	0.0001
2023-09-29T15:18:04	1	0	14	15	-1	1.0393	1.0400	0.0007	0.9055	0.9066	-0.0011
2023-09-29T15:18:05	2	0	10	10	0	1.0356	1.0356	0.0000	0.9856	0.9852	0.0004
2023-09-29T15:20:22	1	0	41	40	1	1.0543	1.0543	0.0000	-0.9985	-0.9985	0.0000
2023-09-29T15:28:07	1	0	23	22	1	1.0509	1.0507	-0.0003	0.9995	0.9995	0.0000
2023-09-29T15:33:05	1	0	11	11	0	1.0460	1.0457	-0.0003	0.9091	0.9081	0.0010
2023-09-29T15:34:13	1	0	15	15	0	1.0396	1.0395	-0.0001	0.956	0.9558	0.0002
2023-09-29T15:35:23	5	0	79	73	6	1.0569	1.0568	-0.0001	-0.997	-0.9972	0.0002
2023-09-29T15:35:34	1	0	26	26	0	1.0497	1.0497	0.0000	-0.9964	-0.9964	0.0000
2023-09-29T15:35:54	1	0	2	2	0	0.9635	0.9636	0.0001	-0.9997	-0.9997	0.0000
2023-09-29T15:36:49	1	0	43	41	2	1.0529	1.0528	-0.0002	-0.9974	-0.9975	0.0001
2023-09-29T15:46:58	1	0	3	3	0	1.0369	1.0368	-0.0001	0.9999	0.9996	0.0003
2023-09-29T15:48:16	1	0	6	6	0	1.0537	1.0537	-0.0001	0.9682	0.968	0.0002
2023-09-29T15:50:35	1	0	15	15	0	1.0398	1.0398	0.0000	-0.9988	-0.9988	0.0000
2023-09-29T15:50:40	2	0	1	0	1	1.0374	null	null	1	1	0.0000
2023-09-29T15:56:47	2	0	2	2	0	0.9871	0.9864	-0.0007	0.9975	0.9974	0.0001
2023-09-29T15:57:41	3	0	5	5	0	1.0374	1.0371	-0.0003	0.9998	0.9998	0.0000
2023-09-29T16:05:00	2	0	2	1	1	1.0511	1.0453	-0.0058	-0.979	-0.9802	0.0012
2023-09-29T16:05:25	4	0	73	70	3	1.0566	1.0566	0.0000	-0.9992	-0.9992	0.0000
2023-09-29T16:20:26	2	0	104	104	0	1.0575	1.0575	0.0000	-0.9988	-0.9988	0.0000
2023-09-29T16:21:11	2	0	97	96	1	1.0533	1.0533	0.0000	0.9984	0.9984	0.0000
2023-09-29T16:35:02	2	0	68	68	0	0.9162	0.9174	0.0012	0.8385	0.8399	-0.0014
2023-09-29T16:35:27	1	0	133	132	1	1.0562	1.0562	0.0000	-0.9996	-0.9997	0.0001
2023-09-29T16:48:37	1	0	6	6	0	0.9846	0.9844	-0.0002	0.975	0.9751	-0.0001
2023-09-29T17:10:55	1	0	3	3	0	1.0303	1.0302	-0.0001	-0.9648	-0.9619	-0.0029
2023-09-29T18:21:36	1	0	259	259	0	0.8936	0.8936	0.0000	0.8169	0.8168	0.0001
2023-09-30T08:05:01	1	0	51	49	2	1.0553	1.0553	0.0000	0.9999	0.9999	0.0000
2023-09-30T08:09:20	1	0	11	11	0	1.0474	1.0474	0.0000	-0.9507	-0.9502	-0.0005
2023-09-30T08:09:58	1	0	145	145	0	1.0581	1.0580	0.0000	-1	-1	0.0000
2023-09-30T08:18:14	1	0	5	5	0	0.9787	0.9789	0.0003	0.9656	0.9653	0.0003
2023-09-30T08:28:24	2	0	1	1	0	1.0380	1.0373	-0.0007	0.9983	0.9983	0.0000
2023-09-30T08:28:59	1	0	33	32	1	1.0519	1.0517	-0.0002	-0.8622	-0.863	0.0008
2023-09-30T08:35:03	1	0	40	40	0	1.0549	1.0549	0.0000	0.9996	0.9996	0.0000
2023-09-30T08:55:25	1	0	3	3	0	1.0312	1.0311	-0.0001	-0.9208	-0.9203	-0.0005
2023-09-30T09:03:17	1	0	36	35	1	0.9474	0.9474	0.0000	0.9614	0.961	0.0004
2023-09-30T09:04:46	2	0	314	314	0	0.8552	0.8553	0.0001	0.8595	0.8596	-0.0001
2023-09-30T09:05:32	2	0	6	6	0	1.0027	1.0026	-0.0001	0.9807	0.9807	0.0000
2023-09-30T09:17:03	2	0	5	5	0	1.0303	1.0302	-0.0002	0.9851	0.9852	-0.0001
2023-09-30T09:18:09	1	0	8	8	0	0.9820	0.9819	0.0000	0.9797	0.98	-0.0003
2023-09-30T09:24:53	2	0	310	310	0	1.0592	1.0591	-0.0001	0.96	0.9597	0.0003
2023-09-30T09:25:17	1	0	133	133	0	0.9337	0.9338	0.0001	0.9877	0.9877	0.0000
2023-09-30T09:27:25	1	0	2	2	0	1.0063	1.0061	-0.0003	0.9846	0.9845	0.0001
2023-09-30T09:32:36	1	0	2	2	0	1.0247	1.0246	-0.0002	0.9673	0.9672	0.0001
2023-09-30T09:32:42	1	0	13	11	2	1.0458	1.0456	-0.0002	0.9316	0.9317	-0.0001
2023-09-30T09:34:48	2	0	7	7	0	0.9623	0.9622	-0.0002	0.9255	0.9243	0.0012
2023-09-30T09:43:07	1	0	2	2	0	1.0253	1.0251	-0.0003	0.9969	0.9969	0.0000
2023-09-30T09:43:48	2	0	4	4	0	1.0377	1.0376	-0.0001	-0.9768	-0.9772	0.0004
2023-09-30T09:45:29	1	0	1	1	0	0.8898	0.8901	0.0003	0.9978	0.9978	0.0000
2023-09-30T09:45:30	7	0	4	3	1	1.0477	1.0477	0.0000	0.9772	0.9749	0.0023
2023-09-30T09:48:45	1	0	10	10	0	1.0489	1.0487	-0.0002	-0.9996	-0.9996	0.0000
2023-09-30T09:50:37	1	0	5	5	0	1.0384	1.0382	-0.0001	-0.9989	-0.9992	0.0003
2023-09-30T09:51:27	1	0	2	2	0	0.9364	0.9365	0.0001	0.7575	0.7581	-0.0006
2023-09-30T09:51:38	1	0	71	71	0	1.0624	1.0624	0.0000	0.9821	0.9825	-0.0004
2023-09-30T09:54:11	2	0	1	1	0	1.0467	1.0456	-0.0011	0.9963	0.996	0.0003
2023-09-30T09:55:22	1	0	16	16	0	1.0460	1.0460	0.0000	0.9961	0.9961	0.0000
2023-09-30T09:55:29	1	0	2	2	0	1.0240	1.0238	-0.0002	-0.9374	-0.9371	-0.0003
2023-09-30T09:57:01	1	0	831	831	0	0.6729	0.6730	0.0001	0.7654	0.7657	-0.0003
2023-09-30T09:57:05	2	0	2	2	0	0.9933	0.9934	0.0002	-0.9923	-0.9921	-0.0002
2023-09-30T10:00:30	1	0	1	1	0	0.8819	0.8819	0.0000	0.9968	0.9968	0.0000
2023-09-30T10:02:44	1	0	1	1	0	1.0430	1.0424	-0.0006	0.9498	0.9494	0.0004
2023-09-30T10:03:35	1	0	12	11	1	1.0521	1.0518	-0.0003	0.9541	0.9513	0.0028
2023-09-30T10:04:10	1	0	11	11	0	1.0460	1.0458	-0.0003	-0.9999	-0.9999	0.0000
2023-09-30T10:04:50	2	0	277	277	0	0.8842	0.8843	0.0001	0.8667	0.8664	0.0003
2023-09-30T10:05:16	2	0	1	1	0	0.9257	0.9261	0.0004	-0.9902	-0.9901	-0.0001
2023-09-30T10:05:38	1	0	5	5	0	1.0363	1.0362	-0.0001	-0.997	-0.9971	0.0001
2023-09-30T10:05:53	2	0	5	5	0	1.0001	0.9999	-0.0002	0.9792	0.9791	0.0001
2023-09-30T10:06:28	2	0	3	3	0	0.9402	0.9406	0.0005	0.7487	0.7502	-0.0015
2023-09-30T10:09:34	1	0	1	1	0	1.0580	1.0577	-0.0003	1	1	0.0000
2023-09-30T10:09:43	1	0	8	8	0	1.0170	1.0170	0.0000	-0.9986	-0.9986	0.0000
2023-09-30T10:09:56	2	0	110	105	5	1.0559	1.0557	-0.0002	0.9528	0.9521	0.0007
2023-09-30T10:10:06	1	0	95	89	6	1.0563	1.0560	-0.0003	0.9996	0.9995	0.0001
2023-09-30T10:10:20	1	0	210	210	0	0.8935	0.8937	0.0001	0.9809	0.981	-0.0001
2023-09-30T10:10:30	1	0	3	3	0	1.0281	1.0279	-0.0002	-0.9454	-0.9454	0.0000
2023-09-30T10:11:28	2	0	9	10	-1	0.9547	0.9545	-0.0003	0.9675	0.9672	0.0003
2023-09-30T10:13:00	2	0	12	11	1	0.9832	0.9779	-0.0053	0.972	0.9719	0.0001
2023-09-30T10:13:09	1	0	1	1	0	1.0252	1.0246	-0.0006	0.9962	0.9961	0.0001
2023-09-30T10:13:31	1	0	1	1	0	1.0343	1.0333	-0.0010	0.9981	0.998	0.0001
2023-09-30T10:13:39	2	0	3	3	0	1.0397	1.0395	-0.0002	0.9998	0.9997	0.0001
2023-09-30T10:14:06	1	0	16	12	4	1.0550	1.0534	-0.0016	-0.8832	-0.8832	0.0000
2023-09-30T10:15:32	6	0	2	1	1	1.0482	1.0460	-0.0022	0.9482	0.9751	-0.0269
2023-09-30T10:16:30	4	0	1	0	1	1.0386	null	null	-0.9677	-0.9678	0.0001
2023-09-30T10:16:40	1	0	1	0	1	1.0401	null	null	-0.9877	-0.9877	0.0000
2023-09-30T10:16:53	1	0	9	9	0	0.9737	0.9739	0.0002	0.9884	0.9883	0.0001

2023-09-30T10:17:39	1	0	4	4	0	1.0312	1.0310	-0.0002	0.9647	0.9645	0.0002
2023-09-30T10:18:13	1	0	7	7	0	0.9823	0.9824	0.0001	0.974	0.9747	-0.0007
2023-09-30T10:18:22	6	0	153	151	2	0.9267	0.9257	-0.0010	0.9522	0.9533	-0.0011
2023-09-30T10:19:49	3	0	2	2	0	1.0473	1.0468	-0.0006	-0.9995	-0.9998	0.0003
2023-09-30T10:20:31	3	0	3	3	0	1.0009	1.0000	-0.0008	-0.9919	-0.9928	0.0009
2023-09-30T10:20:32	2	0	3	3	0	1.0334	1.0331	-0.0003	-0.9995	-0.9982	-0.0013
2023-09-30T10:21:20	1	0	3	2	1	1.0489	1.0455	-0.0034	-0.9983	-0.9983	0.0000
2023-09-30T10:24:13	2	0	2	1	1	1.0517	1.0563	0.0046	0.9967	0.9963	0.0004
2023-09-30T10:28:01	1	0	21	20	1	0.9616	0.9630	0.0014	0.9718	0.9695	0.0023
2023-09-30T10:30:24	1	0	4	4	0	1.0506	1.0502	-0.0003	-0.9933	-0.9932	-0.0001
2023-09-30T10:30:54	2	0	2	1	1	1.0298	1.0289	-0.0009	-0.997	-0.9971	0.0001
2023-09-30T10:32:15	1	0	1	0	1	1.0558	null	null	0.9976	0.9975	0.0001
2023-09-30T10:33:34	1	0	10	9	1	1.0529	1.0520	-0.0009	0.9981	0.9975	0.0006
2023-09-30T10:34:53	2	0	1	1	0	1.0340	1.0332	-0.0008	0.9854	0.9853	0.0001
2023-09-30T10:35:11	4	0	36	34	2	1.0544	1.0544	0.0000	0.9998	0.9998	0.0000
2023-09-30T10:35:32	2	0	2	2	0	0.9622	0.9623	0.0001	-0.999	-0.9991	0.0001
2023-09-30T10:36:30	1	0	3	3	0	0.9374	0.9375	0.0001	0.7552	0.7558	-0.0006
2023-09-30T10:37:25	2	0	10	10	0	1.0515	1.0511	-0.0004	-0.9849	-0.9851	0.0002
2023-09-30T10:40:08	2	0	94	92	2	1.0565	1.0565	0.0000	0.9996	0.9996	0.0000
2023-09-30T10:40:25	1	0	18	16	2	1.0476	1.0478	0.0003	0.9944	0.9943	0.0001
2023-09-30T10:41:31	1	0	5	5	0	1.0561	1.0559	-0.0002	-0.9754	-0.9756	0.0002
2023-09-30T10:41:32	1	0	134	131	3	0.9402	0.9405	0.0003	0.9643	0.9643	0.0000
2023-09-30T10:42:53	1	0	27	27	0	1.0498	1.0497	-0.0001	0.9927	0.9927	0.0000
2023-09-30T10:43:28	1	0	1	0	1	1.0337	null	null	0.9752	0.9687	0.0065
2023-09-30T10:44:11	1	0	9	9	0	1.0481	1.0481	0.0000	-0.9706	-0.9706	0.0000
2023-09-30T10:45:41	1	0	22	22	0	1.0493	1.0493	0.0000	-0.8615	-0.8608	-0.0007
2023-09-30T10:46:12	1	0	6	6	0	1.0365	1.0358	-0.0008	0.9737	0.9448	0.0289
2023-09-30T10:46:27	2	0	5	5	0	1.0519	1.0515	-0.0005	0.999	0.999	0.0000
2023-09-30T10:49:58	4	0	13	11	2	1.0490	1.0491	0.0000	-0.9998	-0.9998	0.0000
2023-09-30T10:50:19	6	0	13	10	3	1.0404	1.0359	-0.0045	-0.9659	-0.9666	0.0007
2023-09-30T10:50:41	2	0	6	6	0	1.0454	1.0452	-0.0002	-0.9971	-0.9974	0.0003
2023-09-30T10:52:06	4	0	34	33	1	1.0494	1.0492	-0.0002	-0.9615	-0.9614	-0.0001
2023-09-30T10:52:07	1	0	5	4	1	0.9430	0.9433	0.0003	0.9923	0.9927	-0.0004
2023-09-30T10:54:46	1	0	10	10	0	1.0203	1.0203	0.0000	-0.9978	-0.9978	0.0000
2023-09-30T10:55:33	1	0	2	2	0	1.0302	1.0301	-0.0001	-0.9523	-0.9521	-0.0002
2023-09-30T10:56:31	1	0	1	1	0	1.0568	1.0563	-0.0005	-0.9998	-0.9999	0.0001
2023-09-30T10:59:09	1	0	8	8	0	1.0534	1.0534	0.0000	-0.8937	-0.8925	-0.0012
2023-09-30T11:01:16	2	0	4	4	0	1.0416	1.0411	-0.0006	0.9944	0.9941	0.0003
2023-09-30T11:02:17	1	0	1	1	0	1.0586	1.0585	-0.0001	0.9954	0.9954	0.0000
2023-09-30T11:03:16	1	0	6	6	0	0.9768	0.9767	-0.0001	0.9714	0.9719	-0.0005
2023-09-30T11:05:38	1	0	12	11	1	1.0488	1.0479	-0.0009	-0.9997	-0.9997	0.0000
2023-09-30T11:06:43	1	0	7	7	0	1.0379	1.0379	0.0000	0.9844	0.9851	-0.0007
2023-09-30T11:07:35	2	0	3	3	0	1.0503	1.0500	-0.0003	0.9998	0.9997	0.0001
2023-09-30T11:09:38	1	0	2	2	0	1.0666	1.0660	-0.0006	-0.9999	-0.9999	0.0000
2023-09-30T11:11:34	1	0	153	151	2	0.9359	0.9362	0.0004	0.9623	0.9624	-0.0001
2023-09-30T11:12:10	2	0	1	1	0	0.9881	0.9887	0.0006	-0.9913	-0.9912	-0.0001
2023-09-30T11:15:02	1	0	1	1	0	0.8223	0.8223	0.0000	0.9999	0.9999	0.0000
2023-09-30T11:16:14	2	0	42	32	10	1.0579	1.0562	-0.0017	0.9678	0.9893	-0.0215
2023-09-30T11:16:57	1	0	57	57	0	0.9479	0.9479	0.0000	0.9857	0.9856	0.0001
2023-09-30T11:20:14	1	0	35	34	1	1.0547	1.0547	0.0000	0.9959	0.9959	0.0000
2023-09-30T11:20:21	3	0	15	15	0	1.0412	1.0412	0.0000	-0.9707	-0.9737	0.0030
2023-09-30T11:20:35	2	0	1	0	1	0.9845	null	null	-0.999	0.9972	0.0038
2023-09-30T11:21:24	1	0	6	6	0	1.0545	1.0543	-0.0002	-0.9981	-0.9981	0.0000
2023-09-30T11:22:33	3	0	1	0	1	1.0351	null	null	-0.9819	-0.9821	0.0002
2023-09-30T11:25:28	1	0	14	14	0	1.0520	1.0519	-0.0001	0.9938	0.9937	0.0001
2023-09-30T11:28:05	6	0	13	13	0	1.0099	1.0095	-0.0003	0.9696	0.9691	0.0005
2023-09-30T11:30:03	1	0	1	1	0	0.8368	0.8368	0.0000	0.9997	0.9997	0.0000
2023-09-30T11:31:15	7	0	53	53	0	1.0683	1.0680	-0.0003	0.9922	0.9929	-0.0007
2023-09-30T11:33:45	1	0	6	6	0	1.0319	1.0318	-0.0001	-0.9922	-0.9922	0.0000
2023-09-30T11:35:15	1	0	31	30	1	1.0540	1.0540	0.0000	0.9915	0.9915	0.0000
2023-09-30T11:35:24	2	0	2	2	0	1.0559	1.0554	-0.0005	-0.9755	-0.9756	0.0001
2023-09-30T11:35:44	3	0	6	6	0	1.0507	1.0507	-0.0001	-0.9977	-0.9977	0.0000
2023-09-30T11:36:40	9	0	9	9	0	1.0419	1.0418	-0.0001	-0.9999	-0.9999	0.0000
2023-09-30T11:44:12	1	0	3	6	-3	1.0530	1.0544	0.0013	-0.9111	-0.9123	0.0012
2023-09-30T11:45:04	1	0	1	1	0	0.7677	0.7677	0.0000	0.9997	0.9997	0.0000
2023-09-30T11:45:29	1	0	1	1	0	1.0451	1.0451	0.0000	-0.9983	-0.9983	0.0000
2023-09-30T11:46:31	3	0	2	2	0	1.0563	1.0562	-0.0001	0.9976	0.9976	0.0000
2023-09-30T11:48:39	1	0	4	5	-1	1.0459	1.0478	0.0019	0.9975	0.9976	-0.0001
2023-09-30T11:48:46	1	0	2	2	0	1.0379	1.0379	0.0000	-0.9941	-0.9941	0.0000
2023-09-30T11:50:25	4	0	3	3	0	1.0559	1.0557	-0.0003	-0.9782	-0.9782	0.0000
2023-09-30T11:50:37	6	0	1	0	1	1.0590	null	null	-0.9995	-0.9994	-0.0001
2023-09-30T11:57:28	3	0	1	0	1	1.0322	null	null	-0.9924	-0.9925	0.0001
2023-09-30T11:59:13	1	0	3	5	-2	1.0530	1.0550	0.0020	-0.9155	-0.916	0.0005
2023-09-30T12:00:05	1	0	1	1	0	0.8194	0.8194	0.0000	0.9997	0.9997	0.0000
2023-09-30T12:00:30	1	0	1	1	0	1.0456	1.0456	0.0000	-0.9985	-0.9985	0.0000
2023-09-30T12:01:32	3	0	7	8	-1	1.0376	1.0386	0.0010	0.9999	0.9999	0.0000
2023-09-30T12:03:47	1	0	3	4	-1	1.0305	1.0261	-0.0044	-0.9943	-0.9943	0.0000
2023-09-30T12:12:29	3	0	1	1	0	1.0285	1.0285	0.0000	-0.9934	-0.9933	-0.0001
2023-09-30T12:16:18	7	0	32	29	3	1.0601	1.0596	-0.0005	0.9007	0.9437	-0.0430
2023-09-30T12:20:27	4	0	2	3	-1	1.0575	1.0521	-0.0054	-0.9786	-0.9784	-0.0002
2023-09-30T12:28:09	6	0	5	6	-1	1.0242	1.0298	0.0056	0.9694	0.9717	-0.0023
2023-09-30T12:37:14	8	0	5	7	-2	1.0550	1.0554	0.0003	-0.9998	-0.9998	0.0000
2023-09-30T12:46:06	1	0	4	4	0	1.0563	1.0563	0.0000	0.9552	0.9552	0.0000
2023-09-30T12:58:05	1	0	9	9	0	1.0522	1.0521	-0.0001	0.9899	0.9899	0.0000
2023-09-30T12:58:11	2	0	8	8	0	1.0267	1.0265	-0.0002	0.969	0.9712	-0.0022

2023-09-30T13:00:34	1	0	3	3	0	1.0521	1.0518	-0.0003	-0.993	-0.9929	-0.0001
2023-09-30T13:14:47	1	0	2	2	0	0.9732	0.9729	-0.0003	0.9644	0.9651	-0.0007
2023-09-30T13:27:37	1	0	1	0	1	1.0562	null	null	-1	-1	0.0000
2023-09-30T13:35:09	1	0	3	2	1	1.0532	1.0503	-0.0029	-0.7373	-0.7368	-0.0005
2023-09-30T13:48:48	1	0	7	8	-1	1.0506	1.0500	-0.0007	0.9955	0.9955	0.0000
2023-09-30T13:50:10	2	0	3	3	0	1.0527	1.0523	-0.0004	-0.7431	-0.7434	0.0003
2023-09-30T13:51:56	1	0	24	24	0	1.0501	1.0500	-0.0001	0.9832	0.984	-0.0008
2023-09-30T13:55:38	3	0	5	6	-1	1.0527	1.0515	-0.0012	0.9959	0.9926	0.0033
2023-09-30T13:58:41	1	0	1	1	0	1.0345	1.0345	0.0000	0.9615	0.9615	0.0000
2023-09-30T14:01:25	1	0	4	4	0	1.0505	1.0502	-0.0003	0.975	0.9744	0.0006
2023-09-30T14:01:40	1	0	7	7	0	1.0361	1.0360	0.0000	0.9992	0.9992	0.0000
2023-09-30T14:03:28	2	0	6	6	0	0.9554	0.9555	0.0000	0.971	0.95	0.0210
2023-09-30T14:03:48	1	0	5	5	0	0.9052	0.9054	0.0001	0.9963	0.9964	-0.0001
2023-09-30T14:05:34	2	0	2	2	0	1.0584	1.0582	-0.0002	-0.9751	-0.9751	0.0000
2023-09-30T14:07:37	6	0	19	19	0	1.0493	1.0492	-0.0002	1	1	0.0000
2023-09-30T14:07:39	2	0	6	7	-1	1.0467	1.0466	-0.0001	-0.9854	-0.9853	-0.0001
2023-09-30T14:07:44	3	0	2	1	1	1.0354	1.0356	0.0002	-0.9805	-0.9808	0.0003
2023-09-30T14:09:28	2	0	6	0	6	1.0603	null	null	0.9838	0.9508	0.0330
2023-09-30T14:09:54	2	0	2	2	0	1.0673	1.0674	0.0000	1	1	0.0000
2023-09-30T14:10:46	4	0	1	0	1	1.0131	null	null	-0.9471	-0.946	-0.0011
2023-09-30T14:11:44	2	0	39	39	0	0.9322	0.9323	0.0001	0.9862	0.9862	0.0000
2023-09-30T14:13:16	6	0	11	10	1	1.0160	1.0164	0.0004	0.9669	0.9666	0.0003
2023-09-30T14:14:22	1	0	9	8	1	1.0544	1.0548	0.0004	-0.8912	-0.8932	0.0020
2023-09-30T14:15:39	2	0	7	7	0	1.0491	1.0491	0.0000	-0.9977	-0.9976	-0.0001
2023-09-30T14:17:13	1	0	3	3	0	1.0578	1.0578	0.0000	0.9987	0.9987	0.0000
2023-09-30T14:18:40	1	0	52	49	3	1.0573	1.0571	-0.0002	-0.9846	-0.9849	0.0003
2023-09-30T14:18:49	1	0	5	5	0	0.9011	0.9011	0.0000	0.9955	0.9955	0.0000
2023-09-30T14:18:58	1	0	5	5	0	1.0004	1.0005	0.0001	0.9931	0.9932	-0.0001
2023-09-30T14:22:45	3	0	1	1	0	1.0347	1.0345	-0.0002	-0.9852	-0.9854	0.0002
2023-09-30T14:23:18	10	0	50	42	8	1.0543	1.0538	-0.0005	-1	-1	0.0000
2023-09-30T14:25:47	3	0	2	2	0	1.0246	1.0242	-0.0005	-0.9499	-0.9497	-0.0002
2023-09-30T14:28:17	4	0	10	10	0	1.0226	1.0225	-0.0001	0.969	0.9687	0.0003
2023-09-30T14:29:23	1	0	23	20	3	1.0548	1.0545	-0.0003	-0.8829	-0.885	0.0021
2023-09-30T14:30:15	1	0	1	1	0	0.8107	0.8107	0.0000	0.9994	0.9994	0.0000
2023-09-30T14:30:36	5	0	3	3	0	1.0430	1.0426	-0.0004	-0.9643	-0.9648	0.0005
2023-09-30T14:30:40	3	0	6	6	0	1.0501	1.0499	-0.0002	-0.999	-0.9989	-0.0001
2023-09-30T14:31:21	1	0	15	15	0	1.0463	1.0462	-0.0001	-0.9774	-0.9775	0.0001
2023-09-30T14:32:13	2	0	20	19	1	1.0576	1.0574	-0.0002	0.9993	0.9992	0.0001
2023-09-30T14:33:30	2	0	7	7	0	0.9801	0.9802	0.0001	0.9721	0.9729	-0.0008
2023-09-30T14:33:41	1	0	54	54	0	1.0573	1.0573	0.0000	-0.9819	-0.9819	0.0000
2023-09-30T14:33:50	1	0	4	4	0	0.8962	0.8965	0.0003	0.9965	0.9966	-0.0001
2023-09-30T14:33:59	1	0	7	7	0	1.0330	1.0328	-0.0001	0.9934	0.9934	0.0000
2023-09-30T14:35:36	2	0	1	1	0	1.0557	1.0552	-0.0005	-0.9752	-0.9752	0.0000
2023-09-30T14:35:51	2	0	1	1	0	0.9874	0.9869	-0.0005	-0.9991	-0.9992	0.0001
2023-09-30T14:35:59	3	0	10	10	0	1.0467	1.0466	-0.0001	-1	-1	0.0000
2023-09-30T14:38:04	1	0	22	22	0	0.9395	0.9399	0.0003	0.9978	0.9978	0.0000
2023-09-30T14:39:02	9	0	20	19	1	1.0513	1.0512	-0.0001	-1	1	0.0000
2023-09-30T14:40:50	3	0	1	1	0	1.0280	1.0275	-0.0005	-0.9537	-0.9533	-0.0004
2023-09-30T14:43:12	1	0	4	4	0	1.0498	1.0498	0.0000	0.9846	0.9847	-0.0001
2023-09-30T14:43:18	6	0	11	11	0	1.0191	1.0191	0.0000	0.9679	0.9676	0.0003
2023-09-30T14:44:24	1	0	3	3	0	1.0531	1.0531	-0.0001	-0.9006	-0.9029	0.0023
2023-09-30T14:45:16	1	0	1	1	0	0.7688	0.7688	0.0000	0.9994	0.9994	0.0000
2023-09-30T14:45:37	5	0	3	3	0	1.0334	1.0332	-0.0002	-0.9743	-0.9744	0.0001
2023-09-30T14:45:41	1	0	4	4	0	1.0496	1.0495	-0.0001	-0.9997	-0.9997	0.0000
2023-09-30T14:48:51	1	0	5	5	0	0.9049	0.9049	0.0000	0.996	0.996	0.0000
2023-09-30T14:49:00	1	0	5	5	0	0.9995	0.9995	0.0000	0.993	0.993	0.0000
2023-09-30T14:55:10	1	0	2	2	0	1.0604	1.0604	0.0000	-1	1	0.0000
2023-09-30T14:55:42	1	0	8	8	0	1.0498	1.0498	0.0000	0.9966	0.9954	0.0012
2023-09-30T14:56:48	2	0	3	3	0	1.0066	1.0062	-0.0004	0.994	0.9939	0.0001
2023-09-30T14:57:04	1	0	165	165	0	0.8996	0.8997	0.0001	-0.9996	-0.9995	-0.0001
2023-09-30T15:00:42	2	0	1	1	0	1.0345	1.0344	-0.0001	0.9994	0.9994	0.0000
2023-09-30T15:01:28	2	0	4	4	0	0.9415	0.9419	0.0004	-0.9995	-0.9994	-0.0001
2023-09-30T15:01:41	3	0	8	8	0	1.0329	1.0325	-0.0003	0.9868	0.9862	0.0006
2023-09-30T15:05:53	1	0	3	3	0	0.9731	0.9729	-0.0002	0.9984	-0.9977	-0.0039
2023-09-30T15:07:51	3	0	2	2	0	1.0349	1.0347	-0.0002	-0.9923	-0.9923	0.0000
2023-09-30T15:09:32	2	0	1	1	0	1.0569	1.0566	-0.0003	0.9962	0.996	0.0002
2023-09-30T15:14:58	1	0	2	2	0	0.9703	0.9702	-0.0001	0.976	0.977	-0.0010
2023-09-30T15:17:01	1	0	2	2	0	1.0388	1.0381	-0.0007	-0.9889	-0.989	0.0001
2023-09-30T15:20:16	1	0	1	1	0	1.0469	1.0465	-0.0004	-0.7859	-0.7858	-0.0001
2023-09-30T15:20:35	1	0	34	34	0	0.9384	0.9386	0.0002	0.9552	0.9548	0.0004
2023-09-30T15:20:54	2	0	3	3	0	0.9890	0.9887	-0.0003	0.9963	-0.9995	-0.0042
2023-09-30T15:22:44	1	0	10	10	0	1.0472	1.0471	-0.0001	-0.9803	-0.9805	0.0002
2023-09-30T15:24:33	1	0	45	8	37	0.9504	1.0442	0.0938	0.9934	0.9997	-0.0063
2023-09-30T15:25:12	1	0	2	2	0	1.0166	1.0165	-0.0001	-1	-1	0.0000
2023-09-30T15:33:09	1	0	2	2	0	0.9829	0.9866	0.0036	0.9592	0.9511	0.0081
2023-09-30T15:35:12	2	0	320	320	0	0.8037	0.8041	0.0004	0.8557	0.8559	-0.0002
2023-09-30T15:50:39	2	0	12	12	0	1.0567	1.0565	-0.0002	-0.9833	-0.9858	0.0025
2023-09-30T15:54:57	1	0	2	2	0	0.9845	0.9848	0.0003	-0.9884	-0.9881	-0.0003
2023-09-30T15:55:14	2	0	1	1	0	0.9623	0.9638	0.0015	0.9998	0.9998	0.0000
2023-09-30T16:02:16	1	0	1	0	1	1.0275	null	null	0.9972	0.9972	0.0000
2023-09-30T16:17:31	2	0	17	17	0	0.9551	0.9551	0.0000	0.9763	0.9782	-0.0019
2023-09-30T16:48:39	1	0	7	7	0	0.9773	0.9772	-0.0002	0.9741	0.9739	0.0002
2023-09-30T17:59:04	2	0	1	1	0	1.0354	1.0351	-0.0003	-0.9998	-0.9999	0.0001
2023-10-01T07:58:51	1	0	61	59	2	1.0526	1.0525	-0.0001	-0.8242	-0.8232	-0.0010
2023-10-01T08:13:20	1	0	1	1	0	1.0338	1.0333	-0.0005	-0.9381	-0.937	-0.0011

2023-10-01T08:34:55	2	0	53	53	0	1.0552	1.0551	-0.0001	0.9993	0.9993	0.0000
2023-10-01T09:35:32	1	0	6	6	0	1.0032	1.0031	-0.0002	0.9788	0.9788	0.0000
2023-10-01T09:40:14	1	0	209	209	0	0.9102	0.9103	0.0001	0.9915	0.9915	0.0000
2023-10-01T09:40:28	1	0	2	2	0	1.0258	1.0254	-0.0004	-0.9195	-0.9194	-0.0001
2023-10-01T09:43:46	2	0	3	3	0	1.0453	1.0451	-0.0002	-0.9759	-0.9763	0.0004
2023-10-01T09:45:28	1	0	34	34	0	1.0715	1.0711	-0.0004	0.9933	0.9932	0.0001
2023-10-01T09:47:39	1	0	20	20	0	1.0471	1.0469	-0.0001	0.9446	0.9445	0.0001
2023-10-01T09:48:18	3	0	24	22	2	0.9402	0.9406	0.0004	0.9516	0.952	-0.0004
2023-10-01T09:49:43	1	0	2	2	0	1.0454	1.0452	-0.0002	0.981	0.981	0.0000
2023-10-01T09:49:50	2	0	2	2	0	0.9883	0.9879	-0.0004	0.9355	0.9342	0.0013
2023-10-01T09:50:09	1	0	1	0	1	0.9445	null	null	0.9981	0.9983	-0.0002
2023-10-01T09:50:11	2	0	12	12	0	1.0461	1.0458	-0.0004	-0.9809	-0.9848	0.0039
2023-10-01T09:50:38	1	0	14	14	0	1.0453	1.0452	-0.0001	-0.9829	-0.9833	0.0004
2023-10-01T09:51:51	1	0	4	4	0	1.0278	1.0278	0.0000	0.9948	0.9952	-0.0004
2023-10-01T09:54:50	2	0	30	30	0	1.0519	1.0517	-0.0001	0.966	0.9654	0.0006
2023-10-01T09:55:29	1	0	1	1	0	1.0315	1.0306	-0.0009	-0.9245	-0.9395	0.0150
2023-10-01T09:55:32	1	0	203	203	0	1.0602	1.0602	0.0000	0.9525	0.9525	0.0000
2023-10-01T09:57:31	1	0	2	2	0	1.0058	1.0055	-0.0003	0.9855	0.9854	0.0001
2023-10-01T10:00:29	1	0	6	6	0	1.0560	1.0555	-0.0004	0.977	0.9764	0.0006
2023-10-01T10:03:19	2	0	4	4	0	0.9371	0.9375	0.0005	0.9542	0.9546	-0.0004
2023-10-01T10:03:44	1	0	12	12	0	1.0457	1.0456	-0.0001	-0.9996	-0.9996	0.0000
2023-10-01T10:04:44	1	0	1	1	0	1.0398	1.0398	0.0000	0.9797	0.9797	0.0000
2023-10-01T10:05:12	2	0	15	14	1	1.0471	1.0469	-0.0002	-0.9789	-0.979	0.0001
2023-10-01T10:05:34	2	0	5	5	0	1.0008	1.0005	-0.0002	0.9785	0.9784	0.0001
2023-10-01T10:05:39	1	0	12	12	0	1.0471	1.0470	0.0000	-0.9852	-0.9857	0.0005
2023-10-01T10:07:25	1	0	65	61	4	1.0551	1.0550	-0.0001	-0.9851	-0.9851	0.0000
2023-10-01T10:09:10	1	0	11	11	0	0.9971	0.9971	-0.0001	0.971	0.9707	0.0003
2023-10-01T10:09:51	2	0	29	29	0	1.0517	1.0515	-0.0002	0.9608	0.96	0.0008
2023-10-01T10:10:14	2	0	86	78	8	1.0565	1.0563	-0.0003	0.9994	0.9994	0.0000
2023-10-01T10:10:16	1	0	209	209	0	1.0231	1.0232	0.0001	0.9889	0.989	-0.0001
2023-10-01T10:10:30	1	0	3	3	0	1.0313	1.0310	-0.0003	-0.9422	-0.9421	-0.0001
2023-10-01T10:13:06	1	0	1	1	0	1.0203	1.0196	-0.0007	0.9919	0.9918	0.0001
2023-10-01T10:13:49	2	0	4	4	0	1.0425	1.0423	-0.0002	-0.9745	-0.9752	0.0007
2023-10-01T10:15:53	1	0	5	5	0	1.0398	1.0397	-0.0001	-0.9973	-0.9973	0.0000
2023-10-01T10:16:51	1	0	57	55	2	0.9444	0.9447	0.0003	0.9893	0.9897	-0.0004
2023-10-01T10:17:41	1	0	13	12	1	1.0460	1.0459	0.0000	0.9379	0.9377	0.0002
2023-10-01T10:18:42	1	0	16	15	1	1.0522	1.0519	-0.0003	0.9781	0.975	0.0031
2023-10-01T10:18:46	2	0	8	7	1	1.0512	1.0502	-0.0009	-0.9996	-0.9999	0.0003
2023-10-01T10:19:52	2	0	2	2	0	0.9838	0.9833	-0.0005	0.9395	0.938	0.0015
2023-10-01T10:20:13	2	0	8	8	0	1.0448	1.0447	-0.0001	-0.9836	-0.9837	0.0001
2023-10-01T10:20:30	3	0	3	3	0	1.0030	1.0021	-0.0008	-0.9882	-0.9893	0.0011
2023-10-01T10:24:11	2	0	13	13	0	1.0036	1.0036	0.0000	0.9723	0.9722	0.0001
2023-10-01T10:24:30	1	0	1	1	0	1.0608	1.0603	-0.0005	0.9995	0.9995	0.0000
2023-10-01T10:24:42	1	0	9	9	0	1.0219	1.0218	0.0000	-0.9992	-0.9992	0.0000
2023-10-01T10:26:29	2	0	3	3	0	0.9777	0.9771	-0.0006	0.9701	0.9698	0.0003
2023-10-01T10:26:30	1	0	2	2	0	1.0685	1.0680	-0.0005	-0.9934	-0.9935	0.0001
2023-10-01T10:33:09	1	0	4	4	0	0.9913	0.9914	0.0001	0.9828	0.9834	-0.0006
2023-10-01T10:35:31	1	0	3	3	0	1.0014	1.0011	-0.0003	-0.994	-0.9945	0.0005
2023-10-01T10:35:32	1	0	7	7	0	1.0455	1.0454	-0.0001	-0.9975	-0.9974	-0.0001
2023-10-01T10:39:11	2	0	1	1	0	1.0580	1.0571	-0.0009	0.9997	0.9995	0.0002
2023-10-01T10:40:32	1	0	2	2	0	1.0307	1.0306	-0.0002	-0.9505	-0.9502	-0.0003
2023-10-01T10:42:48	1	0	18	18	0	1.0500	1.0500	0.0000	0.9893	0.9893	0.0000
2023-10-01T10:44:02	1	0	10	5	5	1.0542	1.0498	-0.0044	-0.8827	-0.8831	0.0004
2023-10-01T10:45:21	1	0	3	3	0	1.0458	1.0454	-0.0004	0.9996	0.9996	0.0000
2023-10-01T10:46:25	1	0	27	27	0	1.0526	1.0526	0.0000	0.9999	0.9999	0.0000
2023-10-01T10:46:53	1	0	73	73	0	0.9411	0.9411	0.0000	0.9872	0.9874	-0.0002
2023-10-01T10:48:47	1	0	9	9	0	1.0518	1.0517	-0.0001	-0.9999	-0.9999	0.0000
2023-10-01T10:52:28	3	0	2	1	1	1.0334	1.0332	-0.0003	-0.9827	-0.9835	0.0008
2023-10-01T10:52:28	1	0	23	23	0	1.0500	1.0498	-0.0002	-0.9782	-0.9784	0.0002
2023-10-01T10:56:31	1	0	6	6	0	0.9846	0.9847	0.0001	0.9637	0.9618	0.0019
2023-10-01T10:58:42	2	0	6	6	0	1.0460	1.0452	-0.0008	-0.9586	-0.9596	0.0010
2023-10-01T11:01:03	1	0	21	21	0	1.0488	1.0487	-0.0001	-0.9763	-0.9764	0.0001
2023-10-01T11:01:12	2	0	3	3	0	1.0394	1.0389	-0.0005	0.995	0.9948	0.0002
2023-10-01T11:03:11	1	0	5	5	0	0.9925	0.9924	-0.0001	0.9832	0.9836	-0.0004
2023-10-01T11:03:17	2	0	529	525	4	0.9245	0.9244	0.0000	0.9425	0.9429	-0.0004
2023-10-01T11:03:23	1	0	39	37	2	1.0548	1.0546	-0.0002	-0.9706	-0.971	0.0004
2023-10-01T11:03:51	1	0	32	32	0	1.0548	1.0546	-0.0002	0.9722	0.9721	0.0001
2023-10-01T11:03:54	1	0	4	4	0	1.0492	1.0490	-0.0002	-0.9998	-0.9998	0.0000
2023-10-01T11:04:55	1	0	222	221	1	0.8969	0.8971	0.0002	0.875	0.8751	-0.0001
2023-10-01T11:05:05	3	0	30	29	1	1.0547	1.0547	0.0000	0.9944	0.9944	0.0000
2023-10-01T11:09:45	1	0	3	3	0	1.0184	1.0183	-0.0001	-0.9993	-0.9993	0.0000
2023-10-01T11:15:58	1	0	6	6	0	1.0535	1.0534	-0.0001	0.9438	0.9433	0.0005
2023-10-01T11:33:19	1	0	3	3	0	1.0892	1.0892	0.0000	-0.9983	-0.9983	0.0000
2023-10-01T11:33:58	1	0	14	13	1	1.0430	1.0421	-0.0009	0.9572	0.9573	-0.0001
2023-10-01T11:35:13	2	0	19	16	3	1.0504	1.0504	0.0001	0.9979	0.9978	0.0001
2023-10-01T11:35:36	1	0	1	1	0	1.0422	1.0422	0.0000	-0.9982	-0.9981	-0.0001
2023-10-01T11:36:22	1	0	5	5	0	1.0466	1.0461	-0.0005	-0.9739	-0.9741	0.0002
2023-10-01T11:37:34	1	0	1	1	0	1.0632	1.0628	-0.0004	0.9983	0.9983	0.0000
2023-10-01T11:39:35	2	0	3	3	0	1.0269	1.0272	0.0003	0.9994	0.9994	0.0000
2023-10-01T11:40:22	1	0	361	361	0	0.8649	0.8649	0.0000	0.9545	0.9545	0.0000
2023-10-01T11:40:53	1	0	95	94	1	0.9143	0.9153	0.0010	0.9994	0.9994	0.0000
2023-10-01T11:44:11	2	0	10	10	0	1.0496	1.0495	-0.0001	-0.9839	-0.984	0.0001
2023-10-01T11:44:39	1	0	2	2	0	0.9379	0.9387	0.0008	0.996	0.996	0.0000
2023-10-01T11:45:25	2	0	1	0	1	1.0425	null	null	-0.9997	-0.9997	0.0000
2023-10-01T11:45:34	1	0	1	1	0	0.8812	0.8816	0.0004	0.9972	0.9973	-0.0001

2023-10-01T11:45:43	1	0	40	41	-1	1.0515	1.0513	-0.0002	-0.8232	-0.8222	-0.0010
2023-10-01T11:47:50	1	0	14	14	0	1.0491	1.0491	0.0000	0.9162	0.9166	-0.0004
2023-10-01T11:49:56	2	0	1	1	0	1.0411	1.0410	-0.0001	0.9757	0.9757	0.0000
2023-10-01T11:50:08	9	0	100	86	14	1.0587	1.0577	-0.0010	-1	1	0.0000
2023-10-01T11:50:19	6	0	18	16	2	1.0526	1.0521	-0.0005	-0.971	-0.9716	0.0006
2023-10-01T11:50:25	2	0	2	2	0	1.0561	1.0556	-0.0004	-0.9785	-0.9785	0.0000
2023-10-01T11:50:37	1	0	1	1	0	1.0436	1.0436	0.0000	-0.9979	-0.9977	-0.0002
2023-10-01T11:50:41	2	0	4	4	0	0.9977	0.9977	0.0000	0.9772	0.9774	-0.0002
2023-10-01T11:55:23	1	0	362	363	-1	0.8605	0.8615	0.0010	0.9499	0.9501	-0.0002
2023-10-01T12:00:35	4	0	2	2	0	0.9679	0.9671	-0.0008	0.9971	0.9971	0.0000
2023-10-01T12:01:01	1	0	2	2	0	1.0602	1.0602	0.0000	0.9425	0.9427	-0.0002
2023-10-01T12:02:51	1	0	14	14	0	1.0499	1.0499	0.0000	0.9136	0.914	-0.0004
2023-10-01T12:03:21	1	0	3	3	0	1.0924	1.0924	0.0000	-0.9991	-0.9991	0.0000
2023-10-01T12:05:42	2	0	4	4	0	0.9957	0.9957	0.0000	0.9759	0.976	-0.0001
2023-10-01T12:10:24	1	0	362	362	0	0.8605	0.8605	0.0000	0.9457	0.9463	-0.0006
2023-10-01T12:18:11	1	0	298	298	0	1.0809	1.0809	0.0000	-0.9647	-0.9644	-0.0003
2023-10-01T12:20:27	2	0	1	1	0	1.0569	1.0569	0.0000	-0.9778	-0.9777	-0.0001
2023-10-01T12:23:06	1	0	3	3	0	1.0465	1.0465	0.0000	-0.9928	-0.9928	0.0000
2023-10-01T12:29:42	1	0	3	4	-1	0.9384	0.9432	0.0047	0.9881	0.9887	-0.0006
2023-10-01T12:39:39	3	0	5	5	0	1.0641	1.0641	0.0000	-0.9999	0.9997	0.0004
2023-10-01T12:44:15	1	0	9	10	-1	1.0494	1.0477	-0.0017	-0.9876	-0.9874	-0.0002
2023-10-01T12:44:43	1	0	2	2	0	0.9372	0.9381	0.0009	0.9938	0.9945	-0.0007
2023-10-01T12:48:02	2	0	1	0	1	1.0552	null	null	0.9651	0.9651	0.0000
2023-10-01T12:50:41	1	0	3	3	0	1.0369	1.0368	0.0000	-0.9989	-0.9988	-0.0001
2023-10-01T12:57:55	1	0	4	4	0	1.0515	1.0513	-0.0002	0.9922	0.9922	0.0000
2023-10-01T12:59:16	1	0	9	9	0	1.0488	1.0488	-0.0001	-0.988	-0.988	0.0000
2023-10-01T13:00:39	1	0	1	1	0	0.8711	0.8714	0.0003	0.997	0.997	0.0000
2023-10-01T13:05:22	1	0	6	4	2	0.9431	0.9437	0.0006	0.9853	0.9859	-0.0006
2023-10-01T13:05:37	1	0	33	33	0	1.0538	1.0533	-0.0005	0.9969	0.9969	0.0000
2023-10-01T13:05:50	2	0	10	10	0	1.0069	1.0066	-0.0003	0.9815	0.9814	0.0001
2023-10-01T13:10:59	1	0	96	96	0	0.9023	0.9025	0.0002	0.9903	0.9869	0.0034
2023-10-01T13:15:40	1	0	2	2	0	0.9637	0.9631	-0.0007	0.9961	0.996	0.0001
2023-10-01T13:20:23	1	0	1	3	-2	0.9437	0.9438	0.0001	0.9867	0.9863	0.0004
2023-10-01T13:20:43	1	0	1	1	0	1.0365	1.0365	0.0000	-0.997	-0.9969	-0.0001
2023-10-01T13:26:55	3	0	637	637	0	0.7594	0.7595	0.0001	0.9938	0.9939	-0.0001
2023-10-01T13:29:48	1	0	4	6	-2	0.9389	0.9429	0.0040	0.9926	0.9932	-0.0006
2023-10-01T13:32:53	1	0	2	2	0	1.0188	1.0185	-0.0003	0.9718	0.9717	0.0001
2023-10-01T13:32:57	1	0	2	2	0	1.0487	1.0485	-0.0002	0.9222	0.9074	0.0148
2023-10-01T13:39:43	1	0	2	2	0	1.0715	1.0713	-0.0002	-0.9999	-0.9999	0.0000
2023-10-01T13:40:47	1	0	144	144	0	1.0568	1.0567	-0.0001	0.9618	0.9623	-0.0005
2023-10-01T13:41:01	1	0	2	2	0	1.0224	1.0218	-0.0006	0.9937	0.9936	0.0001
2023-10-01T13:44:14	1	0	2	3	-1	1.0483	1.0508	0.0025	-0.9015	-0.8994	-0.0021
2023-10-01T13:48:44	1	0	87	87	0	0.9171	0.9172	0.0001	0.9898	0.9899	-0.0001
2023-10-01T14:00:34	1	0	1	1	0	1.0563	1.0563	0.0000	-0.9999	-0.9999	0.0000
2023-10-01T14:00:43	1	0	1	1	0	0.8726	0.8728	0.0002	0.994	0.994	0.0000
2023-10-01T14:03:29	2	0	3	3	0	1.0850	1.0850	0.0000	-0.9999	-0.9999	0.0000
2023-10-01T14:03:35	5	0	4	4	0	0.9966	0.9962	-0.0004	0.9628	0.9625	0.0003
2023-10-01T14:05:26	1	0	23	21	2	0.9454	0.9455	0.0001	0.9811	0.981	0.0001
2023-10-01T14:05:59	1	0	4	4	0	1.0556	1.0556	0.0000	0.86	0.8609	-0.0009
2023-10-01T14:08:09	4	0	5	5	0	1.0317	1.0311	-0.0006	-0.9993	-0.9993	0.0000
2023-10-01T14:09:45	1	0	1	1	0	1.0567	1.0560	-0.0007	-0.9939	-0.9941	0.0002
2023-10-01T14:09:45	2	0	2	2	0	1.0700	1.0696	-0.0004	-1	-1	0.0000
2023-10-01T14:11:03	1	0	96	94	2	0.9065	0.9082	0.0017	0.991	0.9912	-0.0002
2023-10-01T14:11:43	1	0	8	8	0	1.0510	1.0509	-0.0001	-1	-1	0.0000
2023-10-01T14:13:58	3	0	1	1	0	1.0625	1.0618	-0.0007	-0.9828	-0.9826	-0.0002
2023-10-01T14:14:16	1	0	3	5	-2	1.0520	1.0536	0.0015	-0.9188	-0.9174	-0.0014
2023-10-01T14:15:35	1	0	1	1	0	1.0563	1.0560	-0.0003	-1	-1	0.0000
2023-10-01T14:15:44	1	0	1	1	0	0.8736	0.8737	0.0001	0.9959	0.996	-0.0001
2023-10-01T14:18:30	1	0	5	5	0	1.0584	1.0584	0.0000	-1	-1	0.0000
2023-10-01T14:18:47	1	0	1	1	0	0.9301	0.9302	0.0001	-1	-1	0.0000
2023-10-01T14:20:06	2	0	1	1	0	1.0330	1.0330	0.0000	0.993	0.9647	0.0283
2023-10-01T14:20:08	5	0	306	305	1	0.8748	0.8749	0.0001	0.8633	0.8634	-0.0001
2023-10-01T14:20:29	4	0	13	12	1	1.0395	1.0389	-0.0007	-0.9877	-0.9894	0.0017
2023-10-01T14:20:42	1	0	14	13	1	1.0522	1.0520	-0.0003	0.997	0.997	0.0000
2023-10-01T14:20:50	1	0	1	1	0	1.0372	1.0368	-0.0004	-0.9982	-0.9982	0.0000
2023-10-01T14:20:54	1	0	7	8	-1	1.0055	1.0050	-0.0005	0.9812	0.9814	-0.0002
2023-10-01T14:21:00	2	0	4	4	0	1.0546	1.0544	-0.0002	0.8912	0.8883	0.0029
2023-10-01T14:22:42	3	0	157	152	5	1.0553	1.0551	-0.0002	-0.9803	-0.9804	0.0001
2023-10-01T14:23:34	4	0	6	6	0	1.0292	1.0290	-0.0002	-0.9998	-0.9998	0.0000
2023-10-01T14:24:27	5	0	11	11	0	1.0093	1.0091	-0.0001	0.9684	0.9679	0.0005
2023-10-01T14:24:47	2	0	2	2	0	1.0735	1.0733	-0.0002	1	1	0.0000
2023-10-01T14:25:15	1	0	1	0	1	1.0551	null	null	-0.9957	-0.9957	0.0000
2023-10-01T14:26:04	1	0	94	94	0	0.9094	0.9097	0.0003	0.9953	0.9954	-0.0001
2023-10-01T14:29:22	1	0	6	6	0	1.0471	1.0471	0.0000	-0.9922	-0.9922	0.0000
2023-10-01T14:30:45	1	0	1	1	0	0.8706	0.8708	0.0002	0.9947	0.9947	0.0000
2023-10-01T14:30:56	1	0	38	38	0	1.0486	1.0486	0.0000	-0.8473	-0.8462	-0.0011
2023-10-01T14:32:08	1	0	11	11	0	0.9763	0.9762	0.0000	0.9952	0.9951	0.0001
2023-10-01T14:33:37	3	0	5	6	-1	0.9956	1.0059	0.0103	0.9698	0.9702	-0.0004
2023-10-01T14:35:07	2	0	2	2	0	1.0294	1.0293	-0.0001	0.9918	0.9918	0.0000
2023-10-01T14:35:30	4	0	5	5	0	0.9766	0.9764	-0.0001	-0.9908	-0.9908	0.0000
2023-10-01T14:35:43	5	0	13	13	0	1.0520	1.0516	-0.0004	0.9971	0.9969	0.0002
2023-10-01T14:35:51	1	0	3	3	0	1.0467	1.0465	-0.0002	-0.9992	-0.9984	-0.0008
2023-10-01T14:35:53	5	0	308	308	0	0.8739	0.8739	0.0001	0.8661	0.866	0.0001
2023-10-01T14:36:35	1	0	3	3	0	1.0386	1.0385	-0.0002	-0.9912	-0.9912	0.0000
2023-10-01T14:36:40	1	0	7	7	0	1.0038	1.0038	0.0000	0.9815	0.9816	-0.0001

2023-10-01T14:37:43	4	0	89	83	6	1.0538	1.0536	-0.0001	-0.9817	-0.982	0.0003
2023-10-01T14:39:11	5	0	6	6	0	1.0286	1.0285	-0.0002	-0.999	-0.999	0.0000
2023-10-01T14:39:28	6	0	11	11	0	1.0087	1.0087	-0.0001	0.9687	0.9684	0.0003
2023-10-01T14:39:51	2	0	2	2	0	1.0651	1.0649	-0.0001	-0.9999	-0.9999	0.0000
2023-10-01T14:40:32	1	0	59	58	1	1.0559	1.0559	0.0000	0.9974	0.9974	0.0000
2023-10-01T14:41:46	1	0	6	6	0	0.9886	0.9885	-0.0002	0.9893	0.9887	0.0006
2023-10-01T14:42:22	4	0	1	1	0	0.9990	1.0004	0.0014	-0.9962	-0.9977	0.0015
2023-10-01T14:43:02	1	0	4	4	0	1.0485	1.0485	0.0000	0.9871	0.9872	-0.0001
2023-10-01T14:43:04	1	0	12	12	0	1.0423	1.0423	0.0000	0.9825	0.9824	0.0001
2023-10-01T14:44:00	1	0	1	1	0	1.0566	1.0562	-0.0004	-0.9813	-0.9812	-0.0001
2023-10-01T14:44:18	1	0	2	2	0	1.0482	1.0480	-0.0002	-0.9052	-0.9046	-0.0006
2023-10-01T14:44:53	1	0	18	11	7	0.9427	0.9421	-0.0006	0.993	0.993	0.0000
2023-10-01T14:45:46	1	0	1	1	0	0.8675	0.8675	0.0000	0.9928	0.9928	0.0000
2023-10-01T14:50:29	1	0	5	4	1	0.9469	0.9479	0.0010	0.999	0.999	0.0000
2023-10-01T14:51:41	1	0	6	6	0	1.0033	1.0033	0.0000	0.981	0.9811	-0.0001
2023-10-01T14:52:58	2	0	1	1	0	0.9739	0.9752	0.0013	0.9718	0.972	-0.0002
2023-10-01T14:56:06	1	0	3	1	2	1.0434	1.0140	-0.0294	0.9951	0.9949	0.0002
2023-10-01T14:56:47	1	0	3	3	0	1.0530	1.0529	-0.0001	-1	-1	0.0000
2023-10-01T15:00:38	1	0	4	4	0	1.0490	1.0489	-0.0001	1	1	0.0000
2023-10-01T15:05:30	1	0	2	2	0	0.9520	0.9520	0.0000	0.9997	0.9997	0.0000
2023-10-01T15:05:50	1	0	4	4	0	0.9869	0.9869	0.0000	-0.9999	-0.9999	0.0000
2023-10-01T15:05:53	1	0	3	3	0	1.0357	1.0356	-0.0001	-0.9997	-0.9997	0.0000
2023-10-01T15:07:59	1	0	1	1	0	0.9795	0.9796	0.0001	0.9718	0.9718	0.0000
2023-10-01T15:18:40	1	0	14	10	4	0.9390	0.9375	-0.0016	0.9612	0.9608	0.0004
2023-10-01T15:19:00	1	0	3	3	0	1.0331	1.0330	-0.0001	-0.9953	-0.9953	0.0000
2023-10-01T15:20:22	6	0	112	107	5	1.0587	1.0586	-0.0001	1	1	0.0000
2023-10-01T15:25:37	1	0	211	211	0	0.9036	0.9038	0.0002	0.966	0.9662	-0.0002
2023-10-01T15:29:56	1	0	8	8	0	0.9376	0.9379	0.0004	0.9905	0.9913	-0.0008
2023-10-01T15:30:34	1	0	2	2	0	1.0384	1.0379	-0.0005	-0.9821	-0.9823	0.0002
2023-10-01T15:31:14	1	0	2	2	0	1.0320	1.0317	-0.0003	-0.9936	-0.9937	0.0001
2023-10-01T15:33:41	1	0	2	3	-1	0.9310	0.9724	0.0414	0.9635	0.9639	-0.0004
2023-10-01T15:35:34	4	0	19	18	1	1.0498	1.0494	-0.0004	-0.9886	-0.9888	0.0002
2023-10-01T15:40:54	1	0	5	5	0	1.0252	1.0250	-0.0002	-0.9666	-0.9618	-0.0048
2023-10-01T15:48:05	1	0	22	20	2	1.0492	1.0489	-0.0003	0.9983	0.9983	0.0000
2023-10-01T15:48:06	1	0	16	16	0	1.0477	1.0476	0.0000	0.9399	0.9395	0.0004
2023-10-01T15:48:42	1	0	2	3	-1	0.9268	0.9696	0.0427	0.9611	0.9614	-0.0003
2023-10-01T15:55:37	3	0	175	172	3	1.0656	1.0656	0.0000	-0.9999	-0.9999	0.0000
2023-10-01T16:05:34	1	0	4	4	0	0.9434	0.9434	0.0000	0.9998	0.9998	0.0000
2023-10-01T16:05:36	1	0	17	17	0	1.0404	1.0405	0.0000	-0.9898	-0.9897	-0.0001
2023-10-01T16:06:51	1	0	1	1	0	0.9407	0.9410	0.0003	0.8798	0.8805	-0.0007
2023-10-01T16:10:38	1	0	185	184	1	1.0644	1.0644	0.0000	-0.9999	-0.9999	0.0000
2023-10-01T16:18:44	1	0	5	5	0	1.0197	1.0198	0.0000	0.9766	0.9767	-0.0001
2023-10-01T16:24:57	1	0	2	2	0	0.9748	0.9750	0.0001	0.9977	0.9984	-0.0007
2023-10-01T16:48:34	1	0	6	6	0	0.9762	0.9760	-0.0002	0.97	0.9703	-0.0003
2023-10-01T16:55:41	1	0	179	179	0	1.0650	1.0650	0.0000	-1	-1	0.0000
2023-10-01T17:18:36	1	0	69	47	22	0.9547	0.9554	0.0007	0.9706	0.9705	0.0001
2023-10-02T07:49:23	1	0	43	43	0	0.9320	0.9321	0.0001	0.8524	0.8532	-0.0008
2023-10-02T08:12:33	2	0	6	6	0	0.9727	0.9728	0.0001	0.9675	0.9674	0.0001
2023-10-02T08:13:50	1	0	53	51	2	1.0533	1.0532	-0.0001	-0.9745	-0.9745	0.0000
2023-10-02T08:22:46	1	0	235	234	1	1.0594	1.0594	0.0000	-0.976	-0.976	0.0000
2023-10-02T08:33:11	1	0	23	23	0	0.9448	0.9450	0.0002	0.9444	0.9445	-0.0001
2023-10-02T08:36:28	1	0	3	3	0	0.9404	0.9407	0.0003	-0.9956	-0.9955	-0.0001
2023-10-02T08:49:27	1	0	44	44	0	0.9270	0.9271	0.0001	0.848	0.8488	-0.0008
2023-10-02T08:55:20	1	0	1	1	0	1.0397	1.0392	-0.0005	-0.9338	-0.9334	-0.0004
2023-10-02T09:02:31	2	0	19	18	1	1.0537	1.0536	-0.0001	0.96	0.96	0.0000
2023-10-02T09:05:27	2	0	5	5	0	0.9926	0.9926	-0.0001	0.9751	0.9751	0.0000
2023-10-02T09:19:06	1	0	3	3	0	0.9927	0.9922	-0.0005	0.9628	0.9633	-0.0005
2023-10-02T09:24:06	2	0	6	6	0	1.0526	1.0522	-0.0004	0.9797	0.9791	0.0006
2023-10-02T09:24:14	1	0	10	10	0	1.0092	1.0092	0.0000	0.975	0.9749	0.0001
2023-10-02T09:27:19	1	0	2	2	0	1.0092	1.0090	-0.0002	0.9858	0.9857	0.0001
2023-10-02T09:27:58	1	0	10	10	0	1.0322	1.0322	-0.0001	-0.9987	-0.9987	0.0000
2023-10-02T09:30:16	2	0	6	6	0	1.0299	1.0296	-0.0003	0.9718	0.9718	0.0000
2023-10-02T09:32:57	1	0	239	239	0	1.0563	1.0563	0.0000	-0.9866	-0.9865	-0.0001
2023-10-02T09:34:45	2	0	34	34	0	0.9308	0.9308	0.0000	0.9616	0.9614	0.0002
2023-10-02T09:35:07	5	0	22	17	5	1.0509	1.0494	-0.0015	-0.9931	-0.9934	0.0003
2023-10-02T09:36:09	1	0	3	3	0	1.0054	1.0050	-0.0004	-0.9984	-0.9984	0.0000
2023-10-02T09:43:54	2	0	3	3	0	1.0431	1.0429	-0.0002	-0.9823	-0.9827	0.0004
2023-10-02T09:45:23	1	0	1	1	0	0.9190	0.9193	0.0003	0.9959	0.996	-0.0001
2023-10-02T09:45:25	1	0	2	2	0	1.0316	1.0315	-0.0001	0.9698	0.9693	0.0005
2023-10-02T09:48:16	1	0	1	1	0	0.9353	0.9357	0.0004	0.9453	0.9457	-0.0004
2023-10-02T09:48:16	1	0	25	25	0	1.0505	1.0504	-0.0001	-0.9859	-0.986	0.0001
2023-10-02T09:49:40	2	0	5	5	0	1.0295	1.0294	-0.0001	0.9863	0.9862	0.0001
2023-10-02T09:50:04	2	0	53	51	2	1.0565	1.0567	0.0002	0.9811	0.9808	0.0003
2023-10-02T09:50:23	1	0	1	1	0	0.9882	0.9878	-0.0004	-0.9988	-0.9989	0.0001
2023-10-02T09:50:32	1	0	3	3	0	1.0460	1.0459	-0.0001	0.9995	0.9994	0.0001
2023-10-02T09:51:33	1	0	2	2	0	1.0297	1.0297	0.0000	0.992	0.9923	-0.0003
2023-10-02T09:55:09	1	0	125	3	122	0.8798	1.1342	0.2544	0.9845	0.9878	-0.0033
2023-10-02T09:55:24	1	0	1	1	0	1.0365	1.0362	-0.0003	-0.9813	-0.9811	-0.0002
2023-10-02T09:56:24	1	0	3	3	0	1.0609	1.0607	-0.0002	-0.9986	-0.9986	0.0000
2023-10-02T09:58:26	2	0	12	11	1	1.0473	1.0472	-0.0001	-0.9787	-0.9791	0.0004
2023-10-02T09:58:55	1	0	3	3	0	1.0410	1.0410	0.0000	-0.9881	-0.988	-0.0001
2023-10-02T09:59:18	1	0	1	1	0	1.0354	1.0350	-0.0004	0.9936	0.9936	0.0000
2023-10-02T09:59:29	1	0	3	3	0	0.9995	0.9993	-0.0002	0.998	0.998	0.0000
2023-10-02T10:00:10	1	0	1	1	0	0.9371	0.9375	0.0004	-0.9988	-0.9988	0.0000
2023-10-02T10:00:24	1	0	1	1	0	0.9148	0.9148	0.0000	0.9954	0.9954	0.0000

2023-10-02T10:02:59	1	0	118	117	1	1.0571	1.0571	0.0000	-0.9817	-0.9816	-0.0001
2023-10-02T10:03:17	1	0	3	4	-1	1.0109	1.0220	0.0111	0.9491	0.9494	-0.0003
2023-10-02T10:04:09	1	0	5	5	0	0.9729	0.9729	0.0000	0.9567	0.9579	-0.0012
2023-10-02T10:04:41	2	0	5	5	0	1.0246	1.0245	-0.0001	0.9981	0.9981	0.0000
2023-10-02T10:05:09	25	0	120	77	43	1.0535	1.0526	-0.0009	-0.9942	-0.9956	0.0014
2023-10-02T10:05:31	2	0	5	5	0	0.9922	0.9920	-0.0002	0.9716	0.9715	0.0001
2023-10-02T10:06:11	1	0	3	3	0	1.0099	1.0093	-0.0006	-0.9971	-0.9971	0.0000
2023-10-02T10:06:34	1	0	1	1	0	0.9355	0.9371	0.0016	-0.9978	-0.9975	-0.0003
2023-10-02T10:07:53	3	0	8	8	0	1.0284	1.0283	-0.0002	0.9995	0.9995	0.0000
2023-10-02T10:08:08	3	0	35	30	5	0.9411	0.9419	0.0008	0.9879	0.9882	-0.0003
2023-10-02T10:09:09	2	0	49	21	28	1.0562	1.0555	-0.0007	0.9746	0.9734	0.0012
2023-10-02T10:09:38	1	0	10	10	0	1.0225	1.0225	0.0000	0.9999	0.9999	0.0000
2023-10-02T10:09:48	2	0	16	15	1	1.0490	1.0490	0.0000	0.9497	0.9491	0.0006
2023-10-02T10:09:59	1	0	17	16	1	1.0527	1.0525	-0.0002	-0.9998	-0.9998	0.0000
2023-10-02T10:10:10	1	0	125	125	0	0.8861	0.8864	0.0004	0.9825	0.9826	-0.0001
2023-10-02T10:10:25	2	0	1	1	0	1.0355	1.0330	-0.0025	-0.9807	-0.9808	0.0001
2023-10-02T10:11:22	1	0	14	14	0	1.0566	1.0566	0.0000	1	1	0.0000
2023-10-02T10:11:24	1	0	2	2	0	0.9760	0.9757	-0.0002	0.9922	0.9917	0.0005
2023-10-02T10:12:22	1	0	1	1	0	1.0034	1.0029	-0.0005	0.9833	0.9831	0.0002
2023-10-02T10:12:44	5	0	180	179	1	1.0563	1.0561	-0.0003	1	1	0.0000
2023-10-02T10:13:56	1	0	3	3	0	1.0395	1.0411	0.0016	-0.9898	-0.9902	0.0004
2023-10-02T10:13:58	2	0	468	463	5	1.0645	1.0639	-0.0005	-0.8869	-0.8903	0.0034
2023-10-02T10:16:49	2	0	35	34	1	0.9536	0.9538	0.0002	0.9903	0.9902	0.0001
2023-10-02T10:18:26	1	0	1	1	0	0.9431	0.9435	0.0004	0.999	0.999	0.0000
2023-10-02T10:18:41	3	0	5	5	0	1.0516	1.0511	-0.0005	0.9911	0.991	0.0001
2023-10-02T10:20:06	6	0	47	42	5	1.0566	1.0562	-0.0003	0.9806	0.9797	0.0009
2023-10-02T10:20:30	2	0	4	4	0	1.0345	1.0344	-0.0002	-1	-1	0.0000
2023-10-02T10:20:34	1	0	3	3	0	1.0445	1.0444	-0.0001	0.9838	0.983	0.0008
2023-10-02T10:22:24	3	0	2	2	0	1.0394	1.0386	-0.0008	-0.9917	-0.992	0.0003
2023-10-02T10:22:57	2	0	174	172	2	1.0562	1.0562	0.0000	-0.9876	-0.9876	0.0000
2023-10-02T10:24:18	6	0	14	14	0	1.0059	1.0057	-0.0001	0.9691	0.9686	0.0005
2023-10-02T10:24:27	1	0	4	4	0	1.0479	1.0477	-0.0003	0.998	0.998	0.0000
2023-10-02T10:24:53	1	0	4	4	0	0.9458	0.9463	0.0004	0.9655	0.9658	-0.0003
2023-10-02T10:27:02	2	0	2	2	0	1.0027	1.0030	0.0003	-0.9988	-0.9996	0.0008
2023-10-02T10:28:28	2	0	35	34	1	1.0518	1.0518	0.0000	-0.9795	-0.9795	0.0000
2023-10-02T10:30:28	1	0	6	8	-2	1.0496	1.0516	0.0020	0.9747	0.9741	0.0006
2023-10-02T10:31:05	1	0	1	1	0	0.9424	0.9434	0.0010	-0.9988	-0.9987	-0.0001
2023-10-02T10:35:11	6	0	89	82	7	1.0553	1.0552	-0.0001	-0.9956	-0.9959	0.0003
2023-10-02T10:35:26	6	0	2	2	0	0.9852	0.9843	-0.0010	-1	0.9999	0.0001
2023-10-02T10:37:27	1	0	1	1	0	1.0556	1.0552	-0.0004	0.9866	0.9865	0.0001
2023-10-02T10:40:01	1	0	15	14	1	1.0514	1.0511	-0.0003	-1	-1	0.0000
2023-10-02T10:43:03	1	0	12	12	0	1.0421	1.0420	-0.0001	-0.9983	-0.9983	0.0000
2023-10-02T10:46:15	2	0	7	7	0	1.0317	1.0314	-0.0003	0.9856	0.9853	0.0003
2023-10-02T10:48:20	1	0	4	3	1	1.0238	1.0112	-0.0126	0.9361	0.9359	0.0002
2023-10-02T10:48:28	4	0	324	324	0	0.5967	0.6055	0.0088	0.9813	0.9817	-0.0004
2023-10-02T10:48:44	1	0	7	7	0	1.0481	1.0481	0.0000	0.9896	0.9896	0.0000
2023-10-02T10:49:50	2	0	1	0	1	1.0563	null	null	0.9883	0.9881	0.0002
2023-10-02T10:54:29	1	0	3	3	0	1.0625	1.0623	-0.0002	0.9975	0.9982	-0.0007
2023-10-02T10:54:41	1	0	3	3	0	1.0152	1.0151	-0.0001	0.9989	0.9989	0.0000
2023-10-02T10:56:28	1	0	2	2	0	1.0251	1.0248	-0.0003	0.9573	0.9572	0.0001
2023-10-02T10:57:04	2	0	2	2	0	1.0029	1.0032	0.0003	-0.9994	-0.9999	0.0005
2023-10-02T10:57:46	1	0	5	5	0	1.0157	1.0158	0.0001	0.9615	0.9615	0.0000
2023-10-02T10:57:50	6	0	273	266	7	1.0588	1.0588	0.0000	-0.9997	-0.9997	0.0000
2023-10-02T10:58:27	1	0	16	15	1	1.0483	1.0483	0.0000	0.9651	0.965	0.0001
2023-10-02T11:01:26	2	0	2	2	0	1.0646	1.0642	-0.0005	0.9565	0.9542	0.0023
2023-10-02T11:02:39	1	0	14	12	2	0.9562	0.9583	0.0021	0.957	0.9569	0.0001
2023-10-02T11:03:51	1	0	5	5	0	1.0491	1.0490	-0.0001	0.9893	0.9892	0.0001
2023-10-02T11:04:51	2	0	1	1	0	1.0614	1.0608	-0.0006	0.9863	0.9862	0.0001
2023-10-02T11:05:09	1	0	53	51	2	1.0588	1.0587	-0.0001	0.9773	0.9771	0.0002
2023-10-02T11:05:13	1	0	74	74	0	1.0559	1.0559	0.0000	-0.9983	-0.9984	0.0001
2023-10-02T11:05:37	2	0	3	3	0	1.0589	1.0586	-0.0003	0.8909	0.8876	0.0033
2023-10-02T11:06:15	1	0	5	5	0	1.0114	1.0115	0.0001	-0.9951	-0.995	-0.0001
2023-10-02T11:06:26	2	0	5	5	0	1.0564	1.0561	-0.0002	-0.9997	-0.9997	0.0000
2023-10-02T11:09:30	1	0	7	7	0	1.0528	1.0524	-0.0004	0.9962	0.9971	-0.0009
2023-10-02T11:10:29	1	0	1	1	0	1.0382	1.0379	-0.0003	-0.951	-0.9508	-0.0002
2023-10-02T11:10:34	1	0	37	37	0	1.0548	1.0548	0.0000	0.9608	0.9608	0.0000
2023-10-02T11:12:41	1	0	26	25	1	1.0547	1.0550	0.0003	-1	-1	0.0000
2023-10-02T11:13:05	1	0	12	12	0	1.0445	1.0445	0.0000	-0.9977	-0.9977	0.0000
2023-10-02T11:16:37	1	0	1	0	1	1.0554	null	null	0.9989	0.9988	0.0001
2023-10-02T11:17:13	1	0	96	96	0	0.8997	0.9010	0.0013	0.9532	0.9535	-0.0003
2023-10-02T11:18:22	4	0	7	8	-1	1.0285	1.0316	0.0030	0.9456	0.9462	-0.0006
2023-10-02T11:18:22	1	0	31	31	0	1.0534	1.0534	0.0000	-0.9767	-0.9767	0.0000
2023-10-02T11:20:14	5	0	88	87	1	1.0544	1.0544	0.0000	-0.9967	-0.9968	0.0001
2023-10-02T11:21:33	3	0	3	3	0	0.9369	0.9372	0.0003	0.9364	0.9367	-0.0003
2023-10-02T11:24:31	1	0	4	4	0	1.0388	1.0391	0.0003	0.9964	0.9952	0.0012
2023-10-02T11:28:08	2	0	10	10	0	1.0342	1.0342	0.0000	-0.999	-0.999	0.0000
2023-10-02T11:28:29	1	0	16	16	0	1.0498	1.0498	0.0000	0.9618	0.9616	0.0002
2023-10-02T11:28:32	3	0	11	10	1	1.0447	1.0436	-0.0011	-0.9827	-0.9827	0.0000
2023-10-02T11:28:42	1	0	3	3	0	1.0438	1.0436	-0.0003	0.8996	0.9386	-0.0390
2023-10-02T11:29:01	2	0	3	3	0	1.0544	1.0544	0.0000	-0.9908	-0.9908	0.0000
2023-10-02T11:31:12	2	0	1	1	0	1.0277	1.0272	-0.0005	0.9786	0.9782	0.0004
2023-10-02T11:33:07	2	0	6	6	0	1.0332	1.0332	0.0000	0.9833	0.983	0.0003
2023-10-02T11:34:15	1	0	2	2	0	0.9392	0.9392	0.0000	0.9457	0.9459	-0.0002
2023-10-02T11:39:32	5	0	5	5	0	1.0479	1.0480	0.0001	0.9992	0.9992	0.0000
2023-10-02T11:40:05	1	0	12	11	1	1.0519	1.0515	-0.0004	1	1	0.0000

2023-10-02T11:43:33	2	0	13	12	1	1.0477	1.0478	0.0001	-0.9827	-0.9826	-0.0001
2023-10-02T11:43:46	1	0	2	2	0	1.0390	1.0389	-0.0001	0.9003	0.9389	-0.0386
2023-10-02T11:44:01	2	0	13	12	1	1.0482	1.0470	-0.0012	0.9987	0.9986	0.0001
2023-10-02T11:48:32	8	0	2	2	0	1.0401	1.0390	-0.0012	-0.9987	-0.9988	0.0001
2023-10-02T11:49:16	1	0	2	2	0	0.9384	0.9385	0.0001	0.946	0.9461	-0.0001
2023-10-02T11:50:15	2	0	2	2	0	0.9494	0.9499	0.0005	0.9826	0.983	-0.0004
2023-10-02T11:50:19	2	0	2	3	-1	1.0562	1.0554	-0.0008	0.9976	0.9976	0.0000
2023-10-02T11:53:15	3	0	7	10	-3	0.9450	0.9446	-0.0003	0.9881	0.988	0.0001
2023-10-02T11:55:17	2	0	540	538	2	0.9863	0.9861	-0.0002	0.9466	0.9469	-0.0003
2023-10-02T11:57:50	1	0	5	5	0	1.0442	1.0442	0.0000	0.9647	0.9646	0.0001
2023-10-02T11:58:47	1	0	2	2	0	1.0247	1.0245	-0.0002	0.8981	0.8981	0.0000
2023-10-02T12:01:40	1	0	1	1	0	1.0608	1.0553	-0.0055	0.9995	0.9996	-0.0001
2023-10-02T12:04:17	1	0	2	2	0	0.9371	0.9371	0.0000	0.9469	0.947	-0.0001
2023-10-02T12:04:38	1	0	2	2	0	1.0345	1.0342	-0.0003	0.9295	0.9294	0.0001
2023-10-02T12:09:34	5	0	3	4	-1	1.0562	1.0562	-0.0001	0.9961	0.9962	-0.0001
2023-10-02T12:10:28	2	0	468	231	237	1.0296	1.0621	0.0325	0.9788	0.9781	0.0007
2023-10-02T12:11:32	1	0	1	1	0	0.9390	0.9390	0.0000	0.9874	0.9873	0.0001
2023-10-02T12:13:03	1	0	8	8	0	1.0415	1.0415	0.0000	0.978	0.9779	0.0001
2023-10-02T12:28:33	1	0	7	8	-1	1.0500	1.0495	-0.0005	0.9675	0.9677	-0.0002
2023-10-02T12:33:58	2	0	26	25	1	1.0454	1.0449	-0.0005	0.949	0.949	0.0000
2023-10-02T12:35:42	2	0	2	2	0	1.0570	1.0570	0.0000	0.9975	0.9975	0.0000
2023-10-02T12:36:38	1	0	3	3	0	0.9380	0.9380	0.0001	0.9365	0.937	-0.0005
2023-10-02T12:40:29	1	0	356	212	144	0.8756	1.0079	0.1323	0.9706	0.9872	-0.0166
2023-10-02T12:47:57	3	0	6	4	2	1.0531	1.0515	-0.0017	0.9554	0.9553	0.0001
2023-10-02T12:54:39	1	0	2	2	0	1.0574	1.0568	-0.0006	-0.995	-0.995	0.0000
2023-10-02T12:55:00	5	0	3	4	-1	1.0656	1.0632	-0.0024	0.9971	0.9962	0.0009
2023-10-02T12:55:41	1	0	23	23	0	1.0541	1.0542	0.0000	0.9562	0.9564	-0.0002
2023-10-02T13:04:46	2	0	2	2	0	0.9759	0.9768	0.0009	0.8994	0.9018	-0.0024
2023-10-02T13:06:40	1	0	3	3	0	0.9399	0.9399	0.0000	0.9352	0.9355	-0.0003
2023-10-02T13:11:36	1	0	3	3	0	0.9375	0.9375	0.0000	0.979	0.9793	-0.0003
2023-10-02T13:25:02	1	0	4	4	0	1.0594	1.0593	-0.0001	0.9946	0.9946	0.0000
2023-10-02T13:28:40	2	0	1	2	-1	1.0577	1.0572	-0.0005	-0.9882	-0.9879	-0.0003
2023-10-02T13:39:42	1	0	3	3	0	0.9456	0.9460	0.0003	-0.9993	-0.9993	0.0000
2023-10-02T13:40:03	1	0	5	5	0	1.0596	1.0596	0.0000	0.9948	0.9968	-0.0020
2023-10-02T13:43:21	1	0	3	3	0	1.0476	1.0476	0.0000	-0.9999	-0.9999	0.0000
2023-10-02T13:44:10	2	0	3	3	0	1.0546	1.0545	0.0000	-0.9956	-0.9953	-0.0003
2023-10-02T13:48:23	1	0	1	1	0	1.0348	1.0348	0.0000	0.9793	0.9791	0.0002
2023-10-02T13:55:14	1	0	3	3	0	1.0493	1.0493	0.0000	0.9915	0.9916	-0.0001
2023-10-02T13:55:36	1	0	219	216	3	0.8868	1.0420	0.1552	0.9777	0.9925	-0.0148
2023-10-02T13:57:32	1	0	82	82	0	1.0779	1.0768	-0.0011	-0.9844	-0.9805	-0.0039
2023-10-02T14:01:41	2	0	1	0	1	1.0554	null	null	-0.9906	-0.9906	0.0000
2023-10-02T14:05:03	4	0	89	88	1	0.9180	0.9181	0.0001	0.9434	0.9438	-0.0004
2023-10-02T14:05:40	4	0	1	1	0	0.9425	0.9434	0.0009	0.9875	0.9885	-0.0010
2023-10-02T14:05:50	2	0	2	2	0	1.0566	1.0562	-0.0004	0.9999	0.9999	0.0000
2023-10-02T14:06:47	2	0	2	2	0	0.9379	0.9380	0.0001	0.95	0.9502	-0.0002
2023-10-02T14:08:41	3	0	2	2	0	0.9424	0.9426	0.0001	0.9976	0.9977	-0.0001
2023-10-02T14:09:48	1	0	1	1	0	1.0559	1.0552	-0.0007	-0.9957	-0.9959	0.0002
2023-10-02T14:09:54	1	0	69	68	1	0.9404	0.9406	0.0002	-0.9999	-0.9999	0.0000
2023-10-02T14:10:05	2	0	2	2	0	1.0664	1.0660	-0.0004	0.9912	0.9896	0.0016
2023-10-02T14:10:51	1	0	5	5	0	1.0171	1.0171	0.0000	0.9962	0.9962	0.0000
2023-10-02T14:13:56	1	0	13	13	0	1.0500	1.0498	-0.0002	0.9948	0.9947	0.0001
2023-10-02T14:14:05	1	0	5	6	-1	1.0267	1.0302	0.0034	0.9325	0.9319	0.0006
2023-10-02T14:14:12	2	0	4	4	0	1.0513	1.0513	0.0000	-0.995	-0.9951	0.0001
2023-10-02T14:16:21	1	0	1	1	0	1.0346	1.0346	0.0000	-0.9989	-0.9989	0.0000
2023-10-02T14:16:39	2	0	1	1	0	1.0673	1.0673	0.0000	0.9833	0.9344	0.0489
2023-10-02T14:16:51	1	0	1	1	0	1.0570	1.0568	-0.0002	0.9998	0.9998	0.0000
2023-10-02T14:17:25	1	0	2	1	1	1.0601	1.0562	-0.0039	0.9589	0.9585	0.0004
2023-10-02T14:18:34	2	0	4	3	1	1.0280	1.0159	-0.0122	0.9607	0.9601	0.0006
2023-10-02T14:20:04	2	0	12	12	0	0.9552	0.9551	-0.0001	0.9721	0.972	0.0001
2023-10-02T14:21:48	2	0	2	2	0	0.9387	0.9387	0.0000	0.9509	0.9512	-0.0003
2023-10-02T14:24:55	1	0	144	143	1	0.9290	0.9292	0.0002	-1	-1	0.0000
2023-10-02T14:25:06	3	0	3	3	0	1.0595	1.0592	-0.0004	0.992	0.9932	-0.0012
2023-10-02T14:25:38	2	0	405	405	0	1.1431	1.1424	-0.0007	0.981	0.9808	0.0002
2023-10-02T14:25:52	1	0	5	5	0	1.0183	1.0183	0.0000	0.9967	0.9967	0.0000
2023-10-02T14:28:12	1	0	6	6	0	1.0243	1.0243	0.0000	0.9606	0.9606	0.0000
2023-10-02T14:28:57	5	0	11	10	1	1.0497	1.0478	-0.0019	0.9855	0.9853	0.0002
2023-10-02T14:29:13	2	0	4	4	0	1.0487	1.0486	-0.0001	-0.9951	-0.9952	0.0001
2023-10-02T14:31:52	1	0	1	1	0	1.0554	1.0553	-0.0001	0.9992	0.9992	0.0000
2023-10-02T14:33:35	2	0	4	4	0	1.0252	1.0250	-0.0002	0.9646	0.9645	0.0001
2023-10-02T14:33:46	1	0	3	3	0	1.0704	1.0701	-0.0003	0.9886	0.9884	0.0002
2023-10-02T14:34:27	1	0	3	3	0	0.9780	0.9779	-0.0001	0.9421	0.9421	0.0000
2023-10-02T14:34:52	2	0	2	2	0	0.9872	0.9873	0.0001	0.9492	0.9497	-0.0005
2023-10-02T14:35:05	4	0	299	299	0	0.8798	0.8801	0.0003	0.9266	0.9265	0.0001
2023-10-02T14:36:49	2	0	3	3	0	0.9411	0.9411	0.0001	0.9508	0.9513	-0.0005
2023-10-02T14:39:56	1	0	132	131	1	0.9332	0.9333	0.0001	-0.9988	-0.9988	0.0000
2023-10-02T14:40:07	3	0	5	5	0	1.0458	1.0457	-0.0002	0.9938	0.9937	0.0001
2023-10-02T14:40:39	2	0	501	151	350	1.1450	1.1047	-0.0402	0.9779	0.9712	0.0067
2023-10-02T14:40:53	1	0	5	5	0	1.0168	1.0168	0.0000	0.9971	0.9971	0.0000
2023-10-02T14:42:35	1	0	82	82	0	1.1317	1.1307	-0.0010	-0.9793	-0.9794	0.0001
2023-10-02T14:43:13	1	0	5	5	0	1.0180	1.0180	0.0000	0.9622	0.9622	0.0000
2023-10-02T14:43:21	1	0	17	17	0	0.9910	0.9910	0.0000	0.9997	0.9997	0.0000
2023-10-02T14:43:58	7	0	11	10	1	1.0505	1.0494	-0.0011	0.9749	0.9748	0.0001
2023-10-02T14:44:07	7	0	5	5	0	1.0044	1.0043	-0.0001	0.9768	0.9214	0.0554
2023-10-02T14:44:14	2	0	4	4	0	1.0444	1.0444	0.0000	-0.9938	-0.9938	0.0000
2023-10-02T14:47:27	1	0	1	1	0	1.0557	1.0555	-0.0002	0.9589	0.9589	0.0000

2023-10-02T14:47:57	2	0	22	20	2	1.0518	1.0510	-0.0009	0.9778	0.9777	0.0001
2023-10-02T14:49:49	4	0	4	4	0	1.0476	1.0466	-0.0010	0.9982	0.998	0.0002
2023-10-02T14:50:53	2	0	2	2	0	1.0570	1.0567	-0.0002	1	1	0.0000
2023-10-02T14:59:00	1	0	8	8	0	1.0254	1.0254	0.0000	0.9999	0.9999	0.0000
2023-10-02T15:01:18	1	0	27	27	0	1.0470	1.0469	0.0000	-0.9977	-0.9978	0.0001
2023-10-02T15:01:26	2	0	5	5	0	1.0305	1.0305	-0.0001	0.974	0.9735	0.0005
2023-10-02T15:03:19	1	0	106	105	1	1.0574	1.0574	0.0000	-0.977	-0.9769	-0.0001
2023-10-02T15:03:37	1	0	2	3	-1	0.9930	1.0140	0.0210	0.9638	0.9644	-0.0006
2023-10-02T15:03:38	1	0	35	35	0	1.0535	1.0528	-0.0007	-0.9852	-0.9853	0.0001
2023-10-02T15:04:08	1	0	37	36	1	1.0475	1.0472	-0.0003	0.9487	0.9484	0.0003
2023-10-02T15:09:35	1	0	5	5	0	1.0277	1.0276	-0.0001	0.9983	0.9983	0.0000
2023-10-02T15:10:19	1	0	5	5	0	1.0457	1.0456	-0.0001	0.9923	0.9922	0.0001
2023-10-02T15:13:47	1	0	11	11	0	1.0481	1.0480	-0.0002	0.9659	0.9658	0.0001
2023-10-02T15:15:36	1	0	3	3	0	1.0496	1.0492	-0.0004	0.9998	0.9997	0.0001
2023-10-02T15:25:53	1	0	7	7	0	1.0185	1.0184	-0.0001	0.9564	0.9678	-0.0114
2023-10-02T15:26:43	1	0	14	12	2	1.0567	1.0566	-0.0001	0.9992	0.9988	0.0004
2023-10-02T15:28:28	1	0	10	10	0	1.0469	1.0468	-0.0001	-0.9992	-0.9993	0.0001
2023-10-02T15:33:39	1	0	4	5	-1	0.9671	0.9848	0.0178	0.9633	0.9634	-0.0001
2023-10-02T15:33:49	1	0	1	1	0	0.9349	0.9351	0.0002	1	1	0.0000
2023-10-02T15:38:50	3	0	1	0	1	0.9447	null	null	0.9987	0.9987	0.0000
2023-10-02T15:40:11	1	0	1	0	1	0.9769	null	null	0.9955	0.9945	0.0010
2023-10-02T15:41:47	1	0	12	12	0	1.0557	1.0555	-0.0002	0.9994	0.9994	0.0000
2023-10-02T15:46:57	1	0	1	1	0	1.0362	1.0355	-0.0007	0.9986	0.9986	0.0000
2023-10-02T15:48:40	4	0	3	4	-1	0.9749	0.9951	0.0202	0.9622	0.9623	-0.0001
2023-10-02T16:03:41	1	0	6	7	-1	1.0128	1.0189	0.0060	0.9756	0.9757	-0.0001
2023-10-02T16:10:13	1	0	2	2	0	1.0048	1.0051	0.0003	0.9973	0.9974	-0.0001
2023-10-02T16:12:41	1	0	5	5	0	1.0389	1.0387	-0.0002	-0.9843	-0.9844	0.0001
2023-10-02T16:29:44	6	0	1	0	1	1.0225	null	null	0.9927	0.9634	0.0293
2023-10-02T16:46:31	1	0	3	3	0	0.9999	0.9999	0.0000	-0.9999	-0.9999	0.0000
2023-10-02T16:49:36	1	0	5	5	0	0.9731	0.9725	-0.0006	0.9395	0.9394	0.0001
2023-10-02T17:18:47	1	0	79	78	1	0.9438	0.9413	-0.0026	0.9753	0.9753	0.0000
2023-10-02T17:20:16	2	0	335	335	0	0.8285	0.8285	0.0000	0.9142	0.9139	0.0003
2023-10-02T17:35:38	1	0	52	51	1	0.9413	0.9413	0.0000	0.9993	0.9994	-0.0001
2023-10-02T18:20:41	1	0	15	15	0	0.9424	0.9424	0.0000	-1	-1	0.0000
2023-10-03T08:05:05	2	0	77	71	6	1.0560	1.0559	-0.0001	0.9997	0.9997	0.0000
2023-10-03T08:09:55	1	0	111	110	1	1.0560	1.0560	0.0000	-1	-1	0.0000
2023-10-03T08:13:20	2	0	15	15	0	1.0464	1.0464	0.0000	-0.9715	-0.9716	0.0001
2023-10-03T08:22:49	3	0	504	504	0	1.0620	1.0620	0.0000	-0.9682	-0.9682	0.0000
2023-10-03T08:25:20	1	0	3	3	0	1.0275	1.0274	-0.0001	-0.9703	-0.97	-0.0003
2023-10-03T08:36:34	1	0	1	0	1	0.9448	null	null	-0.9994	-0.9994	0.0000
2023-10-03T08:51:35	1	0	1	1	0	0.9435	0.9436	0.0001	-0.9999	-0.9999	0.0000
2023-10-03T09:03:16	1	0	5	5	0	1.0079	1.0077	-0.0002	0.9666	0.9665	0.0001
2023-10-03T09:04:32	2	0	39	39	0	0.9364	0.9369	0.0005	0.844	0.8448	-0.0008
2023-10-03T09:05:36	2	0	6	6	0	1.0044	1.0043	-0.0001	0.9734	0.9733	0.0001
2023-10-03T09:06:33	1	0	16	11	5	1.0528	1.0516	-0.0012	0.9732	0.9729	0.0003
2023-10-03T09:15:35	1	0	22	21	1	1.0528	1.0528	0.0000	-0.9156	-0.9147	-0.0009
2023-10-03T09:19:33	2	0	2	1	1	1.0516	1.0460	-0.0056	-0.9651	-0.9651	0.0000
2023-10-03T09:20:33	1	0	10	10	0	1.0437	1.0435	-0.0002	0.997	0.9969	0.0001
2023-10-03T09:20:33	4	0	36	35	1	1.0510	1.0508	-0.0002	0.9996	0.9996	0.0000
2023-10-03T09:24:08	2	0	6	6	0	1.0534	1.0529	-0.0005	0.9749	0.9743	0.0006
2023-10-03T09:27:26	1	0	2	2	0	1.0160	1.0159	-0.0002	0.9856	0.9854	0.0002
2023-10-03T09:28:02	1	0	6	6	0	1.0291	1.0290	-0.0001	0.9985	0.9984	0.0001
2023-10-03T09:32:03	2	0	9	9	0	1.0323	1.0321	-0.0001	0.9747	0.9747	0.0000
2023-10-03T09:33:18	1	0	2	2	0	0.9939	0.9943	0.0003	0.9662	0.9667	-0.0005
2023-10-03T09:34:34	2	0	3	1	2	1.0530	1.0458	-0.0072	-0.9709	-0.971	0.0001
2023-10-03T09:35:06	1	0	16	15	1	1.0401	1.0437	0.0036	0.9176	0.9088	0.0088
2023-10-03T09:36:11	1	0	6	6	0	1.0383	1.0380	-0.0002	-0.9945	-0.9945	0.0000
2023-10-03T09:39:06	1	0	13	13	0	1.0236	1.0236	0.0000	0.9718	0.9716	0.0002
2023-10-03T09:43:46	2	0	4	4	0	1.0328	1.0327	-0.0001	-0.9757	-0.9761	0.0004
2023-10-03T09:43:59	1	0	31	29	2	1.0511	1.0507	-0.0004	-0.9778	-0.9779	0.0001
2023-10-03T09:45:26	1	0	1	1	0	0.9118	0.9121	0.0003	0.9908	0.9906	0.0002
2023-10-03T09:49:26	1	0	3	3	0	0.9981	0.9980	-0.0001	0.967	0.9672	-0.0002
2023-10-03T09:49:43	2	0	3	3	0	1.0322	1.0321	-0.0002	0.9967	0.9968	-0.0001
2023-10-03T09:49:49	2	0	2	2	0	1.0211	1.0205	-0.0007	0.9927	0.9925	0.0002
2023-10-03T09:50:25	1	0	5	5	0	0.9953	0.9952	-0.0001	-0.9981	-0.9984	0.0003
2023-10-03T09:51:36	1	0	4	4	0	1.0434	1.0434	0.0000	0.9727	0.9724	0.0003
2023-10-03T09:55:12	1	0	3	3	0	1.1340	1.1338	-0.0001	0.9914	0.9911	0.0003
2023-10-03T09:55:26	1	0	1	0	1	1.0343	null	null	-0.9639	-0.9636	-0.0003
2023-10-03T09:56:27	1	0	1	1	0	1.0576	1.0573	-0.0003	0.9985	0.9984	0.0001
2023-10-03T09:59:00	3	0	142	136	6	1.0581	1.0579	-0.0002	-0.8554	-0.856	0.0006
2023-10-03T10:00:17	1	0	5	5	0	1.0494	1.0491	-0.0003	0.9988	0.9988	0.0000
2023-10-03T10:00:27	1	0	1	1	0	0.9225	0.9225	0.0000	0.9917	0.9917	0.0000
2023-10-03T10:02:09	1	0	29	28	1	1.0528	1.0527	-0.0001	0.9703	0.9703	0.0000
2023-10-03T10:02:36	1	0	24	23	1	0.9763	0.9729	-0.0034	0.9522	0.9521	0.0001
2023-10-03T10:03:20	1	0	1	1	0	0.9382	0.9387	0.0005	0.9459	0.9463	-0.0004
2023-10-03T10:03:29	1	0	3	3	0	0.9361	0.9365	0.0004	-0.9979	-0.9979	0.0000
2023-10-03T10:04:36	2	0	2	1	1	1.0509	1.0451	-0.0058	-0.977	-0.9784	0.0014
2023-10-03T10:04:44	2	0	3	3	0	1.0311	1.0309	-0.0002	0.9956	0.9956	0.0000
2023-10-03T10:04:50	2	0	1	1	0	1.0251	1.0243	-0.0008	0.9929	0.9927	0.0002
2023-10-03T10:05:26	1	0	6	6	0	0.9947	0.9945	-0.0002	-0.9987	-0.999	0.0003
2023-10-03T10:05:36	1	0	6	6	0	1.0453	1.0450	-0.0003	0.9672	0.9664	0.0008
2023-10-03T10:05:40	2	0	6	6	0	1.0040	1.0037	-0.0004	0.9721	0.9719	0.0002
2023-10-03T10:06:13	1	0	4	4	0	1.0136	1.0131	-0.0006	-0.9987	-0.9987	0.0000
2023-10-03T10:09:08	1	0	12	11	1	1.0221	1.0223	0.0001	0.9659	0.9655	0.0004
2023-10-03T10:09:11	2	0	9	7	2	1.0547	1.0529	-0.0018	0.9689	0.9675	0.0014

2023-10-03T10:09:41	1	0	9	9	0	1.0228	1.0228	0.0000	0.9997	0.9997	0.0000
2023-10-03T10:09:56	1	0	3	3	0	0.9002	0.9003	0.0001	0.9782	0.9783	-0.0001
2023-10-03T10:10:13	1	0	125	125	0	0.8673	0.8677	0.0004	0.9909	0.9909	0.0000
2023-10-03T10:12:06	2	0	2	2	0	0.9966	0.9968	0.0002	-0.9982	-0.9982	0.0000
2023-10-03T10:12:29	1	0	6	6	0	1.0173	1.0171	-0.0002	0.9849	0.9847	0.0002
2023-10-03T10:13:05	1	0	16	16	0	1.0310	1.0309	-0.0001	-0.9997	-0.9997	0.0000
2023-10-03T10:13:25	1	0	18	18	0	1.0477	1.0477	0.0000	0.9717	0.9715	0.0002
2023-10-03T10:13:28	2	0	13	12	1	1.0470	1.0478	0.0008	-0.9752	-0.9756	0.0004
2023-10-03T10:13:49	2	0	3	3	0	1.0420	1.0417	-0.0003	-0.9799	-0.9805	0.0006
2023-10-03T10:16:10	2	0	122	122	0	1.0651	1.0645	-0.0006	-0.9861	-0.9863	0.0002
2023-10-03T10:16:53	2	0	31	31	0	0.9506	0.9508	0.0003	0.9754	0.9757	-0.0003
2023-10-03T10:18:46	3	0	7	7	0	1.0515	1.0510	-0.0005	0.9901	0.99	0.0001
2023-10-03T10:18:53	1	0	4	4	0	1.0436	1.0434	-0.0002	0.937	0.9366	0.0004
2023-10-03T10:20:27	5	0	7	7	0	0.9960	0.9956	-0.0004	-1	-1	0.0000
2023-10-03T10:20:29	2	0	5	5	0	1.0405	1.0403	-0.0002	-1	1	0.0000
2023-10-03T10:20:37	8	0	17	14	3	1.0488	1.0473	-0.0015	0.999	0.9987	0.0003
2023-10-03T10:21:38	2	0	5	5	0	1.0242	1.0241	-0.0001	0.9859	0.9858	0.0001
2023-10-03T10:23:00	4	0	9	9	0	1.0290	1.0287	-0.0003	0.9988	0.9988	0.0000
2023-10-03T10:23:11	3	0	4	3	1	0.9421	0.9423	0.0002	0.9871	0.9875	-0.0004
2023-10-03T10:24:09	4	0	15	15	0	1.0248	1.0244	-0.0003	0.9644	0.9638	0.0006
2023-10-03T10:25:00	2	0	2	2	0	1.0584	1.0576	-0.0008	0.9954	0.9953	0.0001
2023-10-03T10:25:04	1	0	16	15	1	1.0526	1.0523	-0.0003	1	1	0.0000
2023-10-03T10:25:30	1	0	4	4	0	1.0222	1.0221	-0.0001	0.9968	0.9967	0.0001
2023-10-03T10:27:38	2	0	2	2	0	0.9956	0.9958	0.0002	-0.9992	-0.9991	-0.0001
2023-10-03T10:29:05	7	0	21	10	11	1.0543	1.0548	0.0005	0.9915	0.9913	0.0002
2023-10-03T10:29:34	1	0	3	3	0	0.9468	0.9476	0.0009	0.9975	0.9975	0.0000
2023-10-03T10:30:19	1	0	7	7	0	1.0512	1.0512	-0.0001	0.9996	0.9996	0.0000
2023-10-03T10:33:31	1	0	5	6	-1	0.9413	0.9418	0.0005	0.9973	0.9973	0.0000
2023-10-03T10:35:10	2	0	13	12	1	1.0466	1.0458	-0.0008	0.9213	0.9095	0.0118
2023-10-03T10:35:28	1	0	7	7	0	0.9936	0.9936	0.0000	1	-1	0.0000
2023-10-03T10:36:42	1	0	1	0	1	0.9441	null	null	-0.9991	-0.9989	-0.0002
2023-10-03T10:37:30	1	0	1	1	0	1.0605	1.0601	-0.0004	0.9874	0.9873	0.0001
2023-10-03T10:37:32	1	0	2	2	0	1.0116	1.0115	-0.0001	0.9781	0.978	0.0001
2023-10-03T10:40:22	2	0	4	4	0	0.9510	0.9518	0.0008	0.9471	0.9475	-0.0004
2023-10-03T10:40:33	1	0	2	2	0	1.0281	1.0280	-0.0001	-0.9996	-0.9996	0.0000
2023-10-03T10:41:30	1	0	2	2	0	1.0731	1.0727	-0.0005	-1	-1	0.0000
2023-10-03T10:48:32	2	0	118	116	2	0.9189	0.9195	0.0006	0.9945	0.9945	0.0000
2023-10-03T10:48:52	1	0	5	5	0	1.0469	1.0467	-0.0001	0.9906	0.9906	0.0000
2023-10-03T10:50:11	4	0	87	77	10	1.0611	1.0606	-0.0005	0.9708	0.9747	-0.0039
2023-10-03T10:50:30	1	0	1	1	0	0.9425	0.9435	0.0010	-0.9986	-0.9985	-0.0001
2023-10-03T10:50:39	2	0	3	3	0	1.0548	1.0545	-0.0003	0.8925	0.8903	0.0022
2023-10-03T10:54:44	1	0	3	3	0	1.0173	1.0172	-0.0001	0.9999	0.9999	0.0000
2023-10-03T10:55:30	3	0	1	1	0	1.0306	1.0275	-0.0031	-0.9761	-0.9769	0.0008
2023-10-03T10:55:38	1	0	134	134	0	1.0575	1.0575	0.0000	0.9629	0.9629	0.0000
2023-10-03T10:56:38	1	0	3	3	0	1.0321	1.0318	-0.0003	0.9698	0.9697	0.0001
2023-10-03T10:58:28	1	0	15	14	1	1.0474	1.0482	0.0007	0.9613	0.9612	0.0001
2023-10-03T10:58:31	1	0	6	7	-1	1.0447	1.0462	0.0015	-0.9805	-0.9803	-0.0002
2023-10-03T11:00:42	1	0	3	3	0	1.0559	1.0557	-0.0002	-0.9528	-0.9485	-0.0043
2023-10-03T11:01:56	1	0	34	34	0	0.9587	0.9587	0.0000	0.976	0.9758	0.0002
2023-10-03T11:02:40	2	0	29	28	1	0.9587	0.9597	0.0010	0.9529	0.953	-0.0001
2023-10-03T11:03:24	2	0	3	1	2	1.0207	0.9404	-0.0803	0.9433	0.9429	0.0004
2023-10-03T11:03:34	1	0	3	3	0	1.0681	1.0678	-0.0003	0.9868	0.9866	0.0002
2023-10-03T11:03:53	1	0	5	5	0	1.0468	1.0467	-0.0001	0.9896	0.9896	0.0000
2023-10-03T11:04:45	1	0	4	4	0	1.0001	1.0001	-0.0001	0.9608	0.9607	0.0001
2023-10-03T11:05:40	8	0	18	17	1	1.0506	1.0500	-0.0006	0.9986	0.9986	0.0000
2023-10-03T11:06:17	1	0	2	2	0	1.0007	1.0008	0.0001	-1	-1	0.0000
2023-10-03T11:10:39	1	0	178	178	0	1.0578	1.0578	0.0000	0.9602	0.9602	0.0000
2023-10-03T11:11:32	1	0	3	3	0	1.0582	1.0580	-0.0001	0.9962	0.9962	0.0000
2023-10-03T11:11:34	3	0	24	21	3	1.0534	1.0531	-0.0003	-0.9958	-0.9958	0.0000
2023-10-03T11:13:32	1	0	8	8	0	1.0465	1.0463	-0.0002	-0.9805	-0.9808	0.0003
2023-10-03T11:16:43	1	0	1	1	0	1.0564	1.0559	-0.0005	0.9997	0.9996	0.0001
2023-10-03T11:17:15	1	0	1	1	0	1.0586	1.0575	-0.0011	0.9462	0.9459	0.0003
2023-10-03T11:18:25	1	0	1	2	-1	0.9379	0.9966	0.0587	0.9546	0.9548	-0.0002
2023-10-03T11:18:53	6	0	3	2	1	0.9532	0.9514	-0.0018	-0.999	-0.9989	-0.0001
2023-10-03T11:20:33	1	0	5	5	0	1.0342	1.0342	-0.0001	1	1	0.0000
2023-10-03T11:20:41	7	0	14	13	1	1.0499	1.0493	-0.0006	0.9981	0.9968	0.0013
2023-10-03T11:21:29	2	0	4	4	0	1.0583	1.0580	-0.0003	-0.9981	-0.9981	0.0000
2023-10-03T11:21:42	1	0	21	21	0	1.0479	1.0479	0.0000	0.9835	0.9835	0.0000
2023-10-03T11:24:35	3	0	2	1	1	1.0562	1.0561	-0.0001	-0.9923	-0.9927	0.0004
2023-10-03T11:31:31	2	0	1	1	0	1.0636	1.0636	0.0000	0.9887	0.9888	-0.0001
2023-10-03T11:32:16	1	0	96	96	0	0.8932	0.8957	0.0026	0.9533	0.9538	-0.0005
2023-10-03T11:34:37	3	0	4	4	0	1.0464	1.0457	-0.0007	0.9989	0.9988	0.0001
2023-10-03T11:44:10	6	0	2	3	-1	1.0526	1.0506	-0.0020	0.962	0.9622	-0.0002
2023-10-03T11:45:45	1	0	1	1	0	1.0594	1.0594	0.0000	-0.9592	-0.959	-0.0002
2023-10-03T11:46:32	2	0	1	1	0	1.0636	1.0636	0.0000	0.9893	0.9896	-0.0003
2023-10-03T11:48:27	2	0	3	2	1	1.0207	0.9976	-0.0231	0.9564	0.9559	0.0005
2023-10-03T11:48:36	4	0	4	5	-1	0.9411	0.9416	0.0005	0.9991	0.9991	0.0000
2023-10-03T11:48:55	6	0	1	1	0	1.0455	1.0455	0.0000	-0.995	-0.995	0.0000
2023-10-03T11:49:59	5	0	2	1	1	1.0557	1.0551	-0.0006	-0.6915	-0.6936	0.0021
2023-10-03T11:51:44	2	0	5	6	-1	1.0098	1.0148	0.0050	0.9811	0.9812	-0.0001
2023-10-03T11:52:07	2	0	24	22	2	1.0512	1.0505	-0.0007	-0.9949	-0.9949	0.0000
2023-10-03T12:00:48	1	0	33	32	1	1.0520	1.0518	-0.0002	-0.9102	-0.904	-0.0062
2023-10-03T12:01:33	2	0	1	1	0	1.0655	1.0655	0.0000	0.9878	0.9882	-0.0004
2023-10-03T12:03:56	6	0	2	2	0	1.0405	1.0405	0.0000	-0.995	-0.995	0.0000
2023-10-03T12:09:40	1	0	1	0	1	1.0552	null	null	-0.9997	-0.9997	0.0000

2023-10-03T12:11:37	2	0	2	2	0	1.0002	0.9997	-0.0005	0.9902	0.9901	0.0001
2023-10-03T12:18:01	3	0	7	5	2	1.0549	1.0537	-0.0012	0.9587	0.9585	0.0002
2023-10-03T12:21:46	2	0	5	5	0	1.0088	1.0088	0.0000	0.981	0.9811	-0.0001
2023-10-03T12:25:22	1	0	531	248	283	1.1515	1.1427	-0.0087	0.9766	0.9713	0.0053
2023-10-03T12:25:40	1	0	1	1	0	1.0335	1.0335	0.0000	-0.9998	-0.9998	0.0000
2023-10-03T12:27:31	2	0	83	82	1	1.0788	1.0788	0.0000	-0.9744	-0.9745	0.0001
2023-10-03T12:29:13	6	0	2	3	-1	1.0525	1.0506	-0.0018	0.9892	0.9893	-0.0001
2023-10-03T12:38:30	1	0	16	16	0	1.0474	1.0474	0.0000	-0.9955	-0.9955	0.0000
2023-10-03T12:40:23	1	0	401	110	291	1.1400	1.0479	-0.0921	0.9785	0.9666	0.0119
2023-10-03T12:50:03	6	0	2	1	1	1.0565	1.0562	-0.0003	-0.6342	-0.632	-0.0022
2023-10-03T12:55:24	2	0	404	117	287	1.1467	1.0397	-0.1070	0.9784	0.9686	0.0098
2023-10-03T12:55:42	1	0	1	1	0	1.0265	1.0265	0.0000	-0.9994	-0.9994	0.0000
2023-10-03T13:04:43	3	0	4	5	-1	1.0495	1.0510	0.0016	0.9977	0.9978	-0.0001
2023-10-03T13:08:22	1	0	1	3	-2	0.9426	0.9439	0.0013	0.9921	0.9918	0.0003
2023-10-03T13:13:38	1	0	4	4	0	1.0513	1.0513	0.0000	0.9585	0.9586	-0.0001
2023-10-03T13:15:53	1	0	3	3	0	1.0639	1.0639	0.0000	-0.9432	-0.9439	0.0007
2023-10-03T13:18:33	2	0	1	1	0	0.9410	0.9414	0.0004	0.9578	0.958	-0.0002
2023-10-03T13:20:27	2	0	2	2	0	1.0580	1.0577	-0.0003	0.9971	0.9971	0.0000
2023-10-03T13:47:52	2	0	30	29	1	1.0214	1.0197	-0.0016	0.9444	0.9443	0.0001
2023-10-03T13:48:35	1	0	1	1	0	0.9366	0.9368	0.0002	0.9537	0.9538	-0.0001
2023-10-03T13:49:27	1	0	1	1	0	1.0571	1.0567	-0.0004	0.9889	0.9889	0.0000
2023-10-03T13:50:29	2	0	2	2	0	1.0575	1.0572	-0.0003	0.9993	0.9993	0.0000
2023-10-03T13:50:53	7	0	4	10	-6	1.0502	1.0486	-0.0016	0.9956	0.9959	-0.0003
2023-10-03T13:51:54	2	0	5	5	0	1.0133	1.0133	0.0000	0.9764	0.9764	0.0000
2023-10-03T13:59:19	6	0	20	20	0	1.0540	1.0537	-0.0003	0.9815	0.9814	0.0001
2023-10-03T14:00:48	7	0	74	74	0	0.9518	0.9535	0.0017	0.9894	0.9899	-0.0005
2023-10-03T14:02:53	2	0	50	49	1	1.0490	1.0487	-0.0003	0.9493	0.9492	0.0001
2023-10-03T14:04:28	1	0	1	1	0	1.0578	1.0577	-0.0001	0.9902	0.9902	0.0000
2023-10-03T14:05:06	4	0	94	94	0	0.9144	0.9145	0.0001	0.9367	0.9371	-0.0004
2023-10-03T14:05:08	2	0	1	1	0	1.0562	1.0557	-0.0005	-0.6872	-0.6877	0.0005
2023-10-03T14:05:43	1	0	1	1	0	1.0375	1.0375	0.0000	-0.9922	-0.9922	0.0000
2023-10-03T14:05:54	15	0	4	6	-2	1.0504	1.0487	-0.0017	0.995	0.9952	-0.0002
2023-10-03T14:08:15	4	0	3	4	-1	1.0185	1.0183	-0.0003	0.9989	0.999	-0.0001
2023-10-03T14:08:26	3	0	8	11	-3	0.9499	0.9483	-0.0017	0.9922	0.9921	0.0001
2023-10-03T14:09:27	2	0	7	8	-1	1.0533	1.0527	-0.0006	0.964	0.9645	-0.0005
2023-10-03T14:10:15	3	0	5	5	0	1.0627	1.0626	-0.0002	0.9968	0.9968	0.0000
2023-10-03T14:12:38	1	0	82	82	0	1.1440	1.1436	-0.0004	-0.9834	-0.9834	0.0000
2023-10-03T14:14:58	6	0	43	39	4	1.0572	1.0568	-0.0003	0.9829	0.9828	0.0001
2023-10-03T14:15:34	2	0	1	1	0	1.0450	1.0450	0.0000	0.9994	0.9994	0.0000
2023-10-03T14:17:27	1	0	2	0	2	1.0576	null	null	0.9726	0.9723	0.0003
2023-10-03T14:17:54	2	0	26	25	1	1.0530	1.0528	-0.0002	0.9526	0.9526	0.0000
2023-10-03T14:18:37	2	0	3	2	1	1.0198	0.9982	-0.0215	0.9571	0.9565	0.0006
2023-10-03T14:18:47	2	0	1	1	0	0.9304	0.9305	0.0001	0.9999	0.9999	0.0000
2023-10-03T14:19:49	3	0	4	4	0	1.0469	1.0463	-0.0006	0.9973	0.9971	0.0002
2023-10-03T14:20:07	3	0	85	85	0	0.9181	0.9184	0.0002	0.9455	0.9456	-0.0001
2023-10-03T14:20:31	4	0	3	3	0	1.0418	1.0415	-0.0003	0.9996	0.9996	0.0000
2023-10-03T14:20:57	3	0	4	5	-1	1.0590	1.0563	-0.0027	0.9824	0.9827	-0.0003
2023-10-03T14:21:40	7	0	14	14	0	1.0488	1.0484	-0.0004	0.9944	0.9943	0.0001
2023-10-03T14:23:27	3	0	26	24	2	0.9419	0.9422	0.0003	0.9919	0.992	-0.0001
2023-10-03T14:24:25	6	0	8	9	-1	0.9922	0.9992	0.0071	0.956	0.9563	-0.0003
2023-10-03T14:24:28	2	0	2	1	1	1.0451	1.0450	-0.0001	0.972	0.9717	0.0003
2023-10-03T14:25:16	6	0	5	5	0	1.0302	1.0300	-0.0002	0.9943	0.9952	-0.0009
2023-10-03T14:25:30	1	0	345	341	4	0.8756	0.8761	0.0005	0.9791	0.9795	-0.0004
2023-10-03T14:27:39	1	0	82	82	0	1.0605	1.0601	-0.0004	-0.9813	-0.9813	0.0000
2023-10-03T14:29:39	1	0	1	1	0	1.0567	1.0557	-0.0010	0.9907	0.9906	0.0001
2023-10-03T14:30:31	5	0	2	1	1	0.9444	0.9450	0.0006	0.998	0.9981	-0.0001
2023-10-03T14:30:35	6	0	40	36	4	1.0580	1.0581	0.0001	0.981	0.9809	0.0001
2023-10-03T14:32:55	3	0	53	51	2	1.0518	1.0516	-0.0002	0.954	0.9539	0.0001
2023-10-03T14:33:38	2	0	2	2	0	0.9991	0.9988	-0.0003	0.9564	0.9562	0.0002
2023-10-03T14:34:50	4	0	4	4	0	1.0464	1.0462	-0.0002	0.9971	0.9971	0.0000
2023-10-03T14:35:32	4	0	2	2	0	1.0344	1.0342	-0.0002	0.9997	0.9997	0.0000
2023-10-03T14:35:44	1	0	1	1	0	0.9419	0.9429	0.0010	0.9857	0.987	-0.0013
2023-10-03T14:35:49	3	0	301	301	0	0.8732	0.8732	0.0001	0.9191	0.9188	0.0003
2023-10-03T14:37:28	6	0	15	15	0	1.0498	1.0494	-0.0004	0.9955	0.9954	0.0001
2023-10-03T14:37:55	2	0	3	3	0	0.9809	0.9813	0.0004	0.9689	0.9693	-0.0004
2023-10-03T14:38:28	3	0	23	21	2	0.9425	0.9427	0.0002	0.9941	0.9942	-0.0001
2023-10-03T14:39:26	4	0	8	8	0	0.9925	0.9925	0.0000	0.956	0.9561	-0.0001
2023-10-03T14:39:29	2	0	3	3	0	1.0510	1.0508	-0.0002	0.9582	0.958	0.0002
2023-10-03T14:40:17	3	0	5	5	0	1.0357	1.0356	-0.0002	0.9947	0.9935	0.0012
2023-10-03T14:40:31	1	0	261	261	0	0.8824	0.8825	0.0001	0.9808	0.981	-0.0002
2023-10-03T14:40:49	1	0	2	2	0	1.0251	1.0250	-0.0001	-1	-1	0.0000
2023-10-03T14:42:40	1	0	81	81	0	1.1461	1.1459	-0.0002	-0.9831	-0.9831	0.0000
2023-10-03T14:42:59	1	0	12	12	0	1.0524	1.0523	-0.0001	-0.9966	-0.9966	0.0000
2023-10-03T14:43:51	1	0	13	13	0	1.0294	1.0293	-0.0001	-0.9997	-0.9997	0.0000
2023-10-03T14:45:36	1	0	1	1	0	1.0553	1.0552	-0.0001	0.9996	0.9996	0.0000
2023-10-03T14:46:17	7	0	34	33	1	1.0571	1.0569	-0.0002	0.984	0.9839	0.0001
2023-10-03T14:47:29	1	0	1	1	0	1.0566	1.0560	-0.0006	0.9753	0.9753	0.0000
2023-10-03T14:48:51	2	0	1	1	0	0.9289	0.9290	0.0001	-0.9994	-0.9994	0.0000
2023-10-03T14:50:50	3	0	353	352	1	0.8603	0.8603	0.0001	0.8936	0.8938	-0.0002
2023-10-03T14:52:19	2	0	3	3	0	1.0240	1.0238	-0.0002	0.9756	0.9754	0.0002
2023-10-03T14:52:56	2	0	2	2	0	0.9808	0.9809	0.0002	0.9685	0.9687	-0.0002
2023-10-03T14:54:27	1	0	11	9	2	0.9667	0.9843	0.0176	0.957	0.9569	0.0001
2023-10-03T14:55:51	1	0	1	1	0	1.0259	1.0259	0.0000	0.9625	0.9624	0.0001
2023-10-03T14:56:48	1	0	49	46	3	1.0609	1.0608	-0.0001	-0.9998	-0.9998	0.0000
2023-10-03T15:01:59	1	0	19	18	1	1.0511	1.0520	0.0008	0.9905	0.9904	0.0001

2023-10-03T15:03:40	1	0	1	2	-1	0.9353	0.9957	0.0604	0.9534	0.9539	-0.0005
2023-10-03T15:04:12	2	0	15	14	1	1.0466	1.0459	-0.0006	0.9503	0.9503	0.0000
2023-10-03T15:04:59	2	0	3	3	0	0.9791	0.9808	0.0017	0.913	0.9177	-0.0047
2023-10-03T15:06:09	3	0	268	264	4	0.8969	0.9013	0.0044	0.9235	0.9235	0.0000
2023-10-03T15:10:12	1	0	21	21	0	1.0498	1.0497	-0.0001	0.9519	0.9517	0.0002
2023-10-03T15:16:13	1	0	3	3	0	1.0417	1.0415	-0.0002	-0.9997	-0.9997	0.0000
2023-10-03T15:21:24	3	0	563	561	2	0.8759	0.8759	0.0000	0.8932	0.8935	-0.0003
2023-10-03T15:22:03	1	0	1	1	0	0.9432	0.9435	0.0003	-0.9996	-0.9995	-0.0001
2023-10-03T15:35:56	3	0	6	4	2	1.0465	1.0461	-0.0005	0.9997	0.9996	0.0001
2023-10-03T15:36:02	1	0	6	6	0	1.0496	1.0495	-0.0001	0.9996	0.9996	0.0000
2023-10-03T15:37:59	1	0	2	2	0	1.0006	1.0006	0.0000	0.9799	0.9798	0.0001
2023-10-03T15:40:37	3	0	4	2	2	1.0462	1.0339	-0.0123	0.9996	0.9998	-0.0002
2023-10-03T15:43:15	1	0	40	40	0	1.0513	1.0513	-0.0001	0.9982	0.9982	0.0000
2023-10-03T15:48:07	1	0	16	15	1	1.0479	1.0480	0.0001	0.9562	0.9559	0.0003
2023-10-03T15:53:04	2	0	20	19	1	1.0458	1.0453	-0.0005	0.9619	0.9616	0.0003
2023-10-03T16:03:44	1	0	2	3	-1	0.9958	1.0156	0.0198	0.9663	0.9665	-0.0002
2023-10-03T16:05:16	2	0	6	6	0	1.0544	1.0542	-0.0002	-0.7882	-0.7882	0.0000
2023-10-03T16:10:37	1	0	3	3	0	1.1372	1.1371	-0.0002	0.9918	0.9917	0.0001
2023-10-03T16:15:53	3	0	3	3	0	0.9249	0.9252	0.0003	0.9876	0.9876	0.0000
2023-10-03T16:17:05	1	0	1	0	1	1.0395	null	null	0.9994	0.9994	0.0000
2023-10-03T16:20:13	1	0	4	3	1	0.9400	0.9421	0.0021	0.9357	0.9357	0.0000
2023-10-03T16:25:17	1	0	24	24	0	1.0498	1.0497	-0.0001	0.9357	0.9354	0.0003
2023-10-03T16:30:58	5	0	79	48	31	0.9589	0.9606	0.0017	0.994	0.972	0.0220
2023-10-03T16:32:06	1	0	2	2	0	1.0391	1.0390	-0.0002	0.9996	0.9996	0.0000
2023-10-03T17:10:01	1	0	106	105	1	0.9362	0.9364	0.0002	-0.9989	-0.9988	-0.0001
2023-10-03T17:40:03	1	0	122	122	0	0.9311	0.9312	0.0000	-0.999	-0.999	0.0000
2023-10-04T08:05:09	2	0	140	140	0	1.0603	1.0602	-0.0001	1	0.9997	0.0003
2023-10-04T08:11:36	1	0	75	75	0	0.9213	0.9214	0.0000	-0.9847	-0.9856	0.0009
2023-10-04T08:16:06	2	0	371	372	-1	1.0815	1.0814	-0.0001	-0.984	-0.984	0.0000
2023-10-04T08:21:35	1	0	24	23	1	1.0462	1.0455	-0.0007	0.9857	0.9854	0.0003
2023-10-04T08:25:25	1	0	1	1	0	1.0312	1.0309	-0.0003	-0.9439	-0.9434	-0.0005
2023-10-04T08:35:09	2	0	82	81	1	1.0606	1.0606	0.0000	0.9758	0.9758	0.0000
2023-10-04T08:36:36	2	0	29	28	1	1.0398	1.0397	0.0000	0.9693	0.969	0.0003
2023-10-04T08:36:49	1	0	1	1	0	0.9433	0.9436	0.0003	-0.9999	-0.9999	0.0000
2023-10-04T09:05:37	2	0	10	10	0	1.0068	1.0067	-0.0001	0.9627	0.9627	0.0000
2023-10-04T09:09:12	2	0	70	49	21	1.0558	1.0554	-0.0004	0.9906	0.9905	0.0001
2023-10-04T09:20:38	1	0	10	10	0	1.0448	1.0446	-0.0002	-0.9819	-0.982	0.0001
2023-10-04T09:27:27	1	0	2	2	0	1.0174	1.0172	-0.0002	-1	-1	0.0000
2023-10-04T09:28:07	1	0	12	12	0	1.0202	1.0202	0.0000	-0.9998	-0.9998	0.0000
2023-10-04T09:34:53	2	0	1	1	0	1.0246	1.0241	-0.0005	0.9957	0.9956	0.0001
2023-10-04T09:35:13	3	0	84	81	3	1.0597	1.0597	-0.0001	0.9739	0.9737	0.0002
2023-10-04T09:35:32	1	0	17	17	0	1.0515	1.0514	-0.0001	0.9996	0.9996	0.0000
2023-10-04T09:36:40	1	0	4	4	0	1.0227	1.0227	0.0000	0.9776	0.9772	0.0004
2023-10-04T09:42:23	1	0	3	3	0	1.0080	1.0077	-0.0003	-0.9783	-0.9827	0.0044
2023-10-04T09:43:53	2	0	3	3	0	1.0424	1.0421	-0.0002	-0.9985	-0.9987	0.0002
2023-10-04T09:45:31	1	0	1	1	0	0.9172	0.9175	0.0003	0.992	0.9918	0.0002
2023-10-04T09:47:13	2	0	5	5	0	1.0367	1.0365	-0.0003	0.9661	0.966	0.0001
2023-10-04T09:49:48	2	0	5	5	0	1.0310	1.0308	-0.0002	0.9966	0.9965	0.0001
2023-10-04T09:50:30	1	0	2	2	0	0.9839	0.9836	-0.0002	1	0.9999	0.0001
2023-10-04T09:51:18	1	0	2	2	0	0.9995	0.9990	-0.0005	-0.9995	-0.9995	0.0000
2023-10-04T09:51:24	1	0	5	5	0	1.0030	1.0025	-0.0005	0.9656	0.9659	-0.0003
2023-10-04T09:51:41	1	0	5	5	0	1.0180	1.0180	0.0000	0.9756	0.9753	0.0003
2023-10-04T09:52:58	5	0	19	19	0	1.0304	1.0303	-0.0001	0.9983	0.9983	0.0000
2023-10-04T09:54:16	1	0	22	21	1	1.0526	1.0524	-0.0001	-0.8631	-0.8627	-0.0004
2023-10-04T09:55:23	1	0	125	3	122	0.8799	1.1387	0.2588	0.9919	0.9943	-0.0024
2023-10-04T09:58:09	1	0	13	13	0	1.0249	1.0249	0.0000	1	1	0.0000
2023-10-04T09:59:07	2	0	61	58	3	1.0542	1.0538	-0.0004	-0.8587	-0.8591	0.0004
2023-10-04T10:00:32	1	0	1	1	0	0.9174	0.9174	0.0000	0.9918	0.9916	0.0002
2023-10-04T10:02:55	1	0	9	8	1	1.0545	1.0537	-0.0007	0.9658	0.9657	0.0001
2023-10-04T10:03:36	4	0	3	3	0	1.0086	1.0079	-0.0007	-0.9977	-0.9977	0.0000
2023-10-04T10:04:49	2	0	4	4	0	1.0278	1.0277	-0.0001	0.9957	0.9956	0.0001
2023-10-04T10:05:06	1	0	1	1	0	1.0328	1.0323	-0.0005	0.9974	0.9974	0.0000
2023-10-04T10:05:15	2	0	73	70	3	1.0596	1.0595	-0.0001	0.972	0.9719	0.0001
2023-10-04T10:05:31	4	0	6	6	0	0.9964	0.9959	-0.0005	0.9999	0.9999	0.0000
2023-10-04T10:05:34	6	0	14	14	0	1.0479	1.0472	-0.0007	0.9991	0.9991	0.0000
2023-10-04T10:05:41	1	0	3	3	0	1.0419	1.0418	-0.0001	0.9612	0.9605	0.0007
2023-10-04T10:05:41	2	0	8	8	0	1.0060	1.0057	-0.0003	0.9608	0.9606	0.0002
2023-10-04T10:06:19	1	0	4	4	0	1.0156	1.0152	-0.0004	-0.9996	-0.9997	0.0001
2023-10-04T10:06:25	1	0	4	4	0	0.9994	0.9993	-0.0002	0.9682	0.9676	0.0006
2023-10-04T10:06:42	2	0	5	5	0	1.0060	1.0058	-0.0001	0.9754	0.9749	0.0005
2023-10-04T10:06:57	1	0	1	0	1	0.9448	null	null	-0.9994	-0.9994	0.0000
2023-10-04T10:08:14	3	0	34	26	8	0.9407	0.9416	0.0009	0.9816	0.982	-0.0004
2023-10-04T10:09:13	2	0	11	11	0	1.0225	1.0224	-0.0001	0.9648	0.9644	0.0004
2023-10-04T10:09:16	2	0	43	16	27	1.0560	1.0556	-0.0004	0.9708	0.9695	0.0013
2023-10-04T10:09:46	1	0	8	8	0	1.0247	1.0246	-0.0001	0.9999	0.9999	0.0000
2023-10-04T10:10:32	2	0	1	1	0	1.0323	1.0303	-0.0020	-0.9669	-0.9672	0.0003
2023-10-04T10:11:32	1	0	1	1	0	1.0575	1.0571	-0.0004	0.9987	0.9986	0.0001
2023-10-04T10:12:30	1	0	4	4	0	1.0207	1.0205	-0.0002	-1	-1	0.0000
2023-10-04T10:13:31	1	0	23	23	0	1.0484	1.0484	0.0000	0.9678	0.9676	0.0002
2023-10-04T10:13:54	2	0	3	3	0	1.0426	1.0423	-0.0002	-0.9983	-0.9985	0.0002
2023-10-04T10:14:05	1	0	5	5	0	1.0535	1.0532	-0.0003	0.9888	0.9888	0.0000
2023-10-04T10:15:35	1	0	4	4	0	1.0321	1.0320	-0.0001	0.9766	0.9759	0.0007
2023-10-04T10:16:56	3	0	40	40	0	0.9573	0.9575	0.0002	0.99	0.9899	0.0001
2023-10-04T10:17:42	2	0	26	25	1	0.9733	0.9700	-0.0033	0.9502	0.9502	0.0000
2023-10-04T10:18:27	2	0	2	1	1	1.0510	1.0456	-0.0053	0.9764	0.976	0.0004

2023-10-04T10:18:55	3	0	9	9	0	1.0466	1.0463	-0.0003	0.9961	0.9961	0.0000
2023-10-04T10:19:58	2	0	2	0	2	1.0456	null	null	-0.7262	-0.727	0.0008
2023-10-04T10:20:16	1	0	13	13	0	1.0324	1.0324	0.0000	0.918	0.8974	0.0206
2023-10-04T10:20:32	1	0	6	6	0	0.9915	0.9913	-0.0001	0.9991	0.9989	0.0002
2023-10-04T10:20:39	2	0	5	5	0	1.0406	1.0404	-0.0001	-1	1	0.0000
2023-10-04T10:24:14	3	0	14	14	0	1.0217	1.0214	-0.0002	0.9684	0.9681	0.0003
2023-10-04T10:24:41	1	0	1	1	0	1.0564	1.0557	-0.0007	0.9984	0.9984	0.0000
2023-10-04T10:24:58	2	0	21	21	0	1.0503	1.0500	-0.0003	0.9366	0.9359	0.0007
2023-10-04T10:25:03	1	0	3	3	0	0.9185	0.9186	0.0001	0.9858	0.9859	-0.0001
2023-10-04T10:25:31	1	0	2	2	0	1.0304	1.0303	-0.0001	-0.9997	-0.9997	0.0000
2023-10-04T10:26:33	1	0	2	2	0	1.0702	1.0698	-0.0004	1	1	0.0000
2023-10-04T10:29:09	1	0	71	70	1	1.0545	1.0545	0.0000	-0.8845	-0.8839	-0.0006
2023-10-04T10:32:57	1	0	5	5	0	1.0511	1.0509	-0.0001	0.9607	0.9603	0.0004
2023-10-04T10:35:33	1	0	4	4	0	0.9914	0.9912	-0.0002	0.999	0.9988	0.0002
2023-10-04T10:39:42	1	0	2	2	0	1.0608	1.0605	-0.0003	0.9968	0.9967	0.0001
2023-10-04T10:40:09	1	0	12	11	1	1.0521	1.0516	-0.0004	0.9928	0.9927	0.0001
2023-10-04T10:41:35	1	0	3	3	0	1.0277	1.0274	-0.0003	0.9663	0.9662	0.0001
2023-10-04T10:42:55	1	0	6	6	0	1.0472	1.0471	-0.0001	0.9531	0.9529	0.0002
2023-10-04T10:44:07	1	0	2	2	0	1.0499	1.0493	-0.0005	0.9616	0.9614	0.0002
2023-10-04T10:48:57	1	0	5	5	0	1.0486	1.0485	-0.0001	0.9957	0.9957	0.0000
2023-10-04T10:50:37	2	0	22	19	3	1.0524	1.0521	-0.0003	0.9978	0.9976	0.0002
2023-10-04T10:51:37	2	0	1	0	1	1.0551	null	null	-0.9997	-0.9997	0.0000
2023-10-04T10:51:42	2	0	3	3	0	0.9357	0.9359	0.0003	0.934	0.9346	-0.0006
2023-10-04T10:52:03	1	0	4	4	0	1.0010	1.0009	-0.0001	0.9655	0.9655	0.0000
2023-10-04T10:55:10	1	0	15	14	1	1.0511	1.0508	-0.0004	0.993	0.993	0.0000
2023-10-04T10:55:38	1	0	3	3	0	1.0127	1.0127	0.0000	0.9648	0.9648	0.0000
2023-10-04T10:58:42	3	0	2	1	1	1.0467	1.0333	-0.0134	-0.999	-0.9991	0.0001
2023-10-04T11:00:45	1	0	4	4	0	1.0544	1.0543	-0.0001	-0.9565	-0.9566	0.0001
2023-10-04T11:03:13	1	0	331	331	0	1.0627	1.0626	-0.0001	-0.9735	-0.9733	-0.0002
2023-10-04T11:03:54	6	0	7	6	1	0.9517	0.9508	-0.0009	-0.9983	-0.9983	0.0000
2023-10-04T11:03:58	1	0	4	4	0	1.0461	1.0460	-0.0001	0.9948	0.9948	0.0000
2023-10-04T11:05:01	2	0	8	7	1	1.0507	1.0496	-0.0012	-0.7415	-0.7431	0.0016
2023-10-04T11:05:38	1	0	17	17	0	1.0521	1.0519	-0.0002	0.9982	0.9981	0.0001
2023-10-04T11:06:23	1	0	4	4	0	0.9672	0.9674	0.0002	1	1	0.0000
2023-10-04T11:06:46	1	0	8	8	0	1.0252	1.0252	0.0000	0.9724	0.972	0.0004
2023-10-04T11:07:37	1	0	1	1	0	1.0559	1.0555	-0.0004	0.9877	0.9875	0.0002
2023-10-04T11:09:20	1	0	193	191	2	1.0640	1.0640	0.0000	0.9683	0.9673	0.0010
2023-10-04T11:09:50	1	0	9	9	0	1.0209	1.0208	0.0000	0.9986	0.9986	0.0000
2023-10-04T11:12:15	4	0	2	2	0	0.9981	0.9987	0.0006	-0.9979	-0.9978	-0.0001
2023-10-04T11:13:14	1	0	14	14	0	1.0330	1.0329	-0.0001	-0.9996	-0.9996	0.0000
2023-10-04T11:14:09	5	0	2	2	0	1.0494	1.0481	-0.0013	0.9565	0.9563	0.0002
2023-10-04T11:15:39	1	0	4	4	0	1.0107	1.0103	-0.0004	0.9496	0.9135	0.0361
2023-10-04T11:18:41	2	0	1	1	0	0.9316	0.9318	0.0002	-0.9986	-0.9987	0.0001
2023-10-04T11:18:47	1	0	4	4	0	1.0432	1.0430	-0.0001	-0.9944	-0.9944	0.0000
2023-10-04T11:20:02	1	0	12	9	3	1.0505	1.0505	0.0000	-0.7059	-0.7061	0.0002
2023-10-04T11:20:24	2	0	3	3	0	1.0511	1.0507	-0.0004	-0.9924	-0.9924	0.0000
2023-10-04T11:22:45	1	0	2	2	0	1.0254	1.0253	-0.0002	0.9612	0.961	0.0002
2023-10-04T11:24:45	1	0	3	3	0	1.0488	1.0486	-0.0002	0.9967	0.9959	0.0008
2023-10-04T11:25:37	1	0	1	1	0	1.0375	1.0372	-0.0003	-0.9819	-0.9819	0.0000
2023-10-04T11:27:30	1	0	82	82	0	1.1308	1.1289	-0.0019	-0.975	-0.9819	0.0069
2023-10-04T11:28:36	1	0	11	11	0	1.0466	1.0466	0.0000	0.9706	0.9706	0.0000
2023-10-04T11:30:47	1	0	6	6	0	0.9606	0.9606	0.0000	-0.9783	-0.9782	-0.0001
2023-10-04T11:31:18	1	0	1	1	0	0.9436	0.9446	0.0010	-0.9976	-0.9976	0.0000
2023-10-04T11:31:53	1	0	1	1	0	1.0580	1.0576	-0.0004	1	1	0.0000
2023-10-04T11:32:22	1	0	1	0	1	1.0560	null	null	0.9501	0.9499	0.0002
2023-10-04T11:32:47	2	0	15	14	1	1.0289	1.0269	-0.0020	0.96	0.96	0.0000
2023-10-04T11:35:12	1	0	1	1	0	1.0589	1.0589	0.0000	0.9951	0.9951	0.0000
2023-10-04T11:35:47	3	0	11	11	0	1.0533	1.0533	0.0000	0.9313	0.9297	0.0016
2023-10-04T11:36:40	2	0	3	3	0	1.0572	1.0569	-0.0003	0.9999	0.9998	0.0001
2023-10-04T11:39:41	2	0	1	0	1	1.0554	null	null	-0.9912	-0.9914	0.0002
2023-10-04T11:40:08	1	0	3	3	0	0.8372	0.8466	0.0094	0.9816	0.9822	-0.0006
2023-10-04T11:40:41	2	0	6	7	-1	1.0235	1.0203	-0.0032	0.9582	0.9685	-0.0103
2023-10-04T11:40:47	2	0	352	352	0	1.0227	1.0226	-0.0001	0.9768	0.9769	-0.0001
2023-10-04T11:43:37	1	0	13	13	0	1.0487	1.0487	0.0000	0.9676	0.9677	-0.0001
2023-10-04T11:44:11	7	0	3	5	-2	1.0511	1.0531	0.0020	0.9823	0.9824	-0.0001
2023-10-04T11:44:43	2	0	5	6	-1	1.0431	1.0414	-0.0017	-0.9991	-0.9991	0.0000
2023-10-04T11:45:41	1	0	2	2	0	1.0174	1.0164	-0.0010	0.9006	0.9006	0.0000
2023-10-04T11:50:02	2	0	1	1	0	1.0580	1.0566	-0.0014	0.9834	0.9832	0.0002
2023-10-04T11:50:13	1	0	1	1	0	1.0611	1.0611	0.0000	0.9983	0.9983	0.0000
2023-10-04T11:50:22	3	0	8	9	-1	1.0519	1.0524	0.0005	0.9105	0.9109	-0.0004
2023-10-04T11:50:41	16	0	4	5	-1	1.0526	1.0510	-0.0016	0.9945	0.9929	0.0016
2023-10-04T11:51:41	2	0	1	1	0	1.0560	1.0560	0.0000	0.9996	0.9996	0.0000
2023-10-04T11:51:46	2	0	2	2	0	0.9410	0.9410	0.0001	0.9541	0.954	0.0001
2023-10-04T11:51:49	2	0	2	2	0	1.0151	1.0151	0.0000	0.9719	0.9715	0.0004
2023-10-04T11:52:07	2	0	3	3	0	0.9490	0.9490	0.0000	0.9509	0.9509	0.0000
2023-10-04T11:54:47	4	0	4	4	0	1.0606	1.0605	-0.0001	0.9991	0.9991	0.0000
2023-10-04T11:55:42	1	0	2	3	-1	1.0170	1.0297	0.0127	0.961	0.9611	-0.0001
2023-10-04T11:56:39	1	0	2	2	0	0.9759	0.9757	-0.0002	0.9874	0.9869	0.0005
2023-10-04T11:56:53	1	0	438	438	0	0.7717	0.7718	0.0001	0.9935	0.994	-0.0005
2023-10-04T12:00:42	1	0	2	2	0	1.0182	1.0180	-0.0002	0.8997	0.8997	0.0000
2023-10-04T12:00:45	2	0	1	2	-1	1.0622	1.0519	-0.0103	-0.9998	-0.9998	0.0000
2023-10-04T12:05:14	2	0	22	21	1	1.0492	1.0487	-0.0005	0.9998	0.9998	0.0000
2023-10-04T12:06:42	2	0	1	1	0	1.0554	1.0554	0.0000	0.9997	0.9997	0.0000
2023-10-04T12:06:48	2	0	1	1	0	0.9431	0.9431	0.0000	0.9524	0.9523	0.0001
2023-10-04T12:06:50	2	0	3	3	0	0.9869	0.9869	0.0000	0.9725	0.9722	0.0003

2023-10-04T12:07:08	2	0	4	4	0	0.9619	0.9620	0.0001	0.9511	0.9513	-0.0002
2023-10-04T12:10:40	3	0	1	1	0	1.0296	1.0293	-0.0003	-0.9919	-0.9913	-0.0006
2023-10-04T12:11:40	1	0	1	1	0	0.9391	0.9391	0.0000	0.9883	0.9857	0.0026
2023-10-04T12:11:43	2	0	29	27	2	1.0550	1.0549	-0.0001	-0.9945	-0.9946	0.0001
2023-10-04T12:13:01	1	0	9	9	0	1.0426	1.0426	0.0000	0.9702	0.9702	0.0000
2023-10-04T12:13:02	3	0	50	49	1	1.0534	1.0533	-0.0001	-0.9999	-0.9999	0.0000
2023-10-04T12:20:04	2	0	12	12	0	0.9377	0.9377	0.0000	0.9723	0.9711	0.0012
2023-10-04T12:26:41	2	0	2	2	0	0.9956	0.9952	-0.0004	0.9873	0.9873	0.0000
2023-10-04T12:35:54	3	0	9	10	-1	1.0516	1.0513	-0.0004	0.9168	0.9194	-0.0026
2023-10-04T12:40:33	3	0	2	2	0	1.0605	1.0597	-0.0008	-0.9962	-0.9961	-0.0001
2023-10-04T12:40:45	1	0	5	6	-1	1.0218	1.0223	0.0005	0.9603	0.971	-0.0107
2023-10-04T12:45:54	1	0	2	2	0	1.0046	1.0046	0.0000	-0.9887	-0.9885	-0.0002
2023-10-04T12:54:51	3	0	8	10	-2	1.0622	1.0627	0.0005	0.9971	0.9971	0.0000
2023-10-04T12:56:57	1	0	67	67	0	0.9289	0.9290	0.0001	-0.9828	-0.9817	-0.0011
2023-10-04T12:58:42	1	0	3	4	-1	1.0522	1.0504	-0.0017	0.9571	0.9573	-0.0002
2023-10-04T13:01:24	1	0	1	2	-1	0.9413	0.9424	0.0011	-0.9982	-0.9982	0.0000
2023-10-04T13:05:46	2	0	23	24	-1	1.0533	1.0535	0.0002	0.9963	0.9964	-0.0001
2023-10-04T13:06:53	1	0	2	2	0	0.9396	0.9396	0.0000	0.9616	0.9616	0.0000
2023-10-04T13:30:48	6	0	79	82	-3	0.9481	0.9494	0.0013	0.9864	0.9869	-0.0005
2023-10-04T13:35:17	1	0	88	88	0	0.9185	0.9185	0.0000	0.9498	0.9495	0.0003
2023-10-04T13:37:56	1	0	1	1	0	0.9670	0.9671	0.0001	0.9484	0.948	0.0004
2023-10-04T13:52:57	1	0	2	2	0	0.9710	0.9713	0.0003	0.9485	0.9482	0.0003
2023-10-04T13:54:50	1	0	95	93	2	0.9380	0.9385	0.0004	-0.9997	-0.9997	0.0000
2023-10-04T13:55:55	2	0	3	3	0	0.8568	0.8635	0.0067	0.9816	0.9819	-0.0003
2023-10-04T14:01:28	1	0	1	1	0	0.9415	0.9422	0.0007	-0.9994	-0.9994	0.0000
2023-10-04T14:03:59	1	0	7	7	0	1.0419	1.0419	0.0000	-0.9916	-0.9916	0.0000
2023-10-04T14:04:10	4	0	6	7	-1	1.0511	1.0504	-0.0007	0.9951	0.9951	0.0000
2023-10-04T14:05:10	2	0	1	1	0	1.0312	1.0310	-0.0002	0.9993	0.9993	0.0000
2023-10-04T14:05:19	5	0	372	363	9	0.9013	0.9101	0.0088	0.9312	0.9314	-0.0002
2023-10-04T14:06:00	1	0	12	12	0	1.0504	1.0504	-0.0001	0.9764	0.9763	0.0001
2023-10-04T14:07:01	2	0	4	4	0	0.9819	0.9818	-0.0001	0.9707	0.9702	0.0005
2023-10-04T14:07:58	1	0	4	4	0	1.0012	1.0013	0.0001	0.973	0.9731	-0.0001
2023-10-04T14:10:46	1	0	1	1	0	1.0225	1.0225	0.0000	0.9999	0.9999	0.0000
2023-10-04T14:10:51	1	0	1	1	0	1.0213	1.0208	-0.0005	0.9606	0.9656	-0.0050
2023-10-04T14:10:56	1	0	3	3	0	0.9109	0.9110	0.0000	0.9928	0.9928	0.0000
2023-10-04T14:12:41	1	0	2	2	0	0.9901	0.9901	0.0000	-0.9886	-0.9925	0.0039
2023-10-04T14:19:08	6	0	3	3	0	0.9639	0.9639	0.0000	-1	-1	0.0000
2023-10-04T14:19:28	3	0	1	0	1	0.9826	null	null	0.9921	0.9919	0.0002
2023-10-04T14:19:48	4	0	4	4	0	1.0458	1.0457	-0.0001	0.995	0.995	0.0000
2023-10-04T14:20:11	2	0	1	1	0	1.0266	1.0262	-0.0004	0.9993	0.9993	0.0000
2023-10-04T14:20:23	1	0	9	9	0	1.0331	1.0330	-0.0001	-0.9991	-0.9991	0.0000
2023-10-04T14:20:52	2	0	20	20	0	1.0538	1.0536	-0.0003	0.9964	0.9964	0.0000
2023-10-04T14:20:53	4	0	83	81	2	0.9248	0.9212	-0.0036	0.9485	0.9478	0.0007
2023-10-04T14:21:01	1	0	11	11	0	1.0520	1.0519	-0.0001	0.9779	0.9778	0.0001
2023-10-04T14:22:02	1	0	3	3	0	0.9685	0.9685	-0.0001	0.9688	0.9684	0.0004
2023-10-04T14:24:56	1	0	115	115	0	0.9343	0.9346	0.0003	-0.9998	-0.9998	0.0000
2023-10-04T14:24:57	2	0	2	2	0	1.0617	1.0609	-0.0009	0.9935	0.9934	0.0001
2023-10-04T14:25:49	1	0	1	1	0	1.0253	1.0248	-0.0005	-0.9633	-0.9626	-0.0007
2023-10-04T14:25:57	1	0	5	5	0	0.8663	0.8749	0.0086	0.9759	0.9771	-0.0012
2023-10-04T14:25:58	2	0	369	359	10	0.8642	0.8658	0.0016	0.9656	0.9664	-0.0008
2023-10-04T14:28:48	1	0	6	6	0	1.0493	1.0491	-0.0002	0.9617	0.9615	0.0002
2023-10-04T14:29:22	7	0	36	34	2	1.0580	1.0577	-0.0003	0.9781	0.978	0.0001
2023-10-04T14:30:50	4	0	2	2	0	0.9220	0.9227	0.0007	0.9797	0.9796	0.0001
2023-10-04T14:31:01	4	0	13	13	0	1.0421	1.0420	-0.0001	-0.958	-0.9579	-0.0001
2023-10-04T14:31:30	1	0	1	1	0	0.9444	0.9449	0.0005	-0.9994	-0.9994	0.0000
2023-10-04T14:33:00	1	0	7	7	0	0.9981	0.9981	0.0000	0.96	0.9601	-0.0001
2023-10-04T14:34:49	1	0	2	2	0	1.0387	1.0387	0.0000	0.9948	0.9947	0.0001
2023-10-04T14:35:12	2	0	1	1	0	1.0259	1.0255	-0.0004	0.9995	0.9995	0.0000
2023-10-04T14:35:33	2	0	13	13	0	1.0474	1.0473	-0.0001	0.9075	0.9072	0.0003
2023-10-04T14:35:54	4	0	32	32	0	0.9449	0.9450	0.0001	0.969	0.9689	0.0001
2023-10-04T14:36:02	1	0	7	7	0	1.0509	1.0509	-0.0001	0.9891	0.9891	0.0000
2023-10-04T14:36:45	3	0	23	22	1	1.0557	1.0555	-0.0002	0.997	0.9969	0.0001
2023-10-04T14:37:03	1	0	3	3	0	0.9694	0.9693	-0.0001	0.9688	0.9684	0.0004
2023-10-04T14:38:00	2	0	2	2	0	0.9973	0.9975	0.0003	0.9721	0.9722	-0.0001
2023-10-04T14:39:31	1	0	29	16	13	0.9521	0.9578	0.0057	0.9593	0.9596	-0.0003
2023-10-04T14:39:57	1	0	3	3	0	0.9473	0.9474	0.0001	-0.9998	-0.9998	0.0000
2023-10-04T14:39:58	2	0	2	2	0	1.0580	1.0579	-0.0002	0.9936	0.9936	0.0000
2023-10-04T14:40:48	1	0	3	3	0	0.9947	0.9947	0.0000	0.9996	0.9996	0.0000
2023-10-04T14:40:58	1	0	3	3	0	0.9284	0.9284	0.0000	0.9889	0.9889	0.0000
2023-10-04T14:40:59	2	0	336	335	1	0.8744	0.8758	0.0013	0.9764	0.9768	-0.0004
2023-10-04T14:43:28	6	0	66	62	4	1.0547	1.0544	-0.0003	-1	-0.9999	-0.0001
2023-10-04T14:44:23	6	0	48	46	2	1.0610	1.0611	0.0001	0.9791	0.9791	0.0000
2023-10-04T14:45:51	1	0	1	1	0	0.8896	0.8897	0.0001	0.9838	0.9834	0.0004
2023-10-04T14:47:33	1	0	4	4	0	1.0299	1.0298	-0.0001	0.9591	0.959	0.0001
2023-10-04T14:48:56	1	0	3	3	0	1.0662	1.0659	-0.0003	0.984	0.9838	0.0002
2023-10-04T14:49:10	6	0	6	6	0	0.9721	0.9722	0.0001	0.9998	0.9998	0.0000
2023-10-04T14:50:52	2	0	1	1	0	0.9399	0.9418	0.0019	-0.9999	-0.9998	-0.0001
2023-10-04T14:51:45	5	0	19	19	0	1.0518	1.0516	-0.0003	0.9967	0.9966	0.0001
2023-10-04T14:52:00	2	0	2	2	0	0.9433	0.9436	0.0003	0.957	0.9571	-0.0001
2023-10-04T14:52:04	1	0	4	4	0	0.9791	0.9791	-0.0001	0.968	0.9676	0.0004
2023-10-04T14:53:01	2	0	3	3	0	1.0038	1.0039	0.0001	0.9719	0.9721	-0.0002
2023-10-04T14:55:59	1	0	1	1	0	1.0373	1.0353	-0.0020	0.9969	0.9967	0.0002
2023-10-04T14:57:44	1	0	3	4	-1	0.9260	0.9584	0.0325	-0.9848	-0.9864	0.0016
2023-10-04T15:00:54	3	0	2	2	0	0.9223	0.9223	0.0000	0.9804	0.98	0.0004
2023-10-04T15:00:56	1	0	2	2	0	1.0328	1.0314	-0.0014	0.9869	0.9872	-0.0003

2023-10-04T15:02:36	1	0	1	0	1	1.0551	null	null	0.9698	0.9698	0.0000
2023-10-04T15:03:02	2	0	30	28	2	1.0518	1.0511	-0.0007	0.9619	0.9619	0.0000
2023-10-04T15:03:57	1	0	1	1	0	0.9426	0.9426	0.0000	-0.9999	-0.9999	0.0000
2023-10-04T15:08:02	1	0	3	3	0	1.0051	1.0052	0.0001	0.9723	0.9722	0.0001
2023-10-04T15:10:57	1	0	1	1	0	1.0185	1.0185	0.0000	0.9598	0.9597	0.0001
2023-10-04T15:14:59	1	0	3	3	0	0.9295	0.9299	0.0004	0.9951	0.996	-0.0009
2023-10-04T15:22:41	1	0	11	10	1	1.0485	1.0488	0.0003	0.9963	0.9963	0.0000
2023-10-04T15:26:25	1	0	1	1	0	0.9874	0.9874	0.0000	0.9841	0.9841	0.0000
2023-10-04T15:26:56	1	0	10	10	0	1.0541	1.0541	0.0000	0.9995	0.9995	0.0000
2023-10-04T15:35:58	1	0	66	66	0	0.9286	0.9287	0.0001	0.9596	0.9596	0.0000
2023-10-04T15:48:10	1	0	2	2	0	0.9929	0.9938	0.0008	0.9462	0.9464	-0.0002
2023-10-04T15:58:56	1	0	4	4	0	1.0461	1.0460	0.0000	0.9656	0.9656	0.0000
2023-10-04T16:04:01	1	0	3	3	0	1.0004	1.0001	-0.0003	0.9953	0.9953	0.0000
2023-10-04T16:08:23	5	0	5	4	1	1.0212	1.0227	0.0015	0.9951	0.9951	0.0000
2023-10-04T16:10:04	1	0	15	14	1	0.9537	0.9537	0.0000	0.9842	0.9843	-0.0001
2023-10-04T16:11:01	1	0	115	112	3	0.9545	0.9549	0.0004	0.9371	0.9373	-0.0002
2023-10-04T16:11:05	1	0	3	3	0	1.1354	1.1353	-0.0002	0.9904	0.9903	0.0001
2023-10-04T16:11:59	1	0	48	47	1	1.0598	1.0597	-0.0001	0.9994	0.9994	0.0000
2023-10-04T16:16:20	1	0	116	115	1	1.0655	1.0655	0.0000	0.9896	0.9896	0.0000
2023-10-04T16:25:05	1	0	7	7	0	0.9564	0.9564	0.0001	0.9819	0.9835	-0.0016
2023-10-04T16:42:54	1	0	3	3	0	1.0454	1.0451	-0.0003	-0.9803	-0.9881	0.0078
2023-10-04T17:07:28	1	0	40	25	15	0.9499	0.9504	0.0005	0.9304	0.9305	-0.0001
2023-10-04T17:43:18	1	0	67	67	0	1.0558	1.0558	0.0000	-0.9999	-0.9999	0.0000
2023-10-04T17:59:48	1	0	14	14	0	0.9438	0.9453	0.0015	0.9894	0.9893	0.0001
2023-10-05T07:54:48	1	0	17	17	0	0.9454	0.9455	0.0001	0.9668	0.9668	0.0000
2023-10-05T07:59:01	1	0	49	46	3	1.0513	1.0510	-0.0003	-0.8569	-0.8561	-0.0008
2023-10-05T08:05:09	2	0	11	11	0	0.9429	0.9431	0.0002	-0.9987	-0.9985	-0.0002
2023-10-05T08:13:54	1	0	32	32	0	1.0585	1.0584	-0.0001	0.973	0.973	0.0000
2023-10-05T08:18:21	1	0	64	64	0	0.9377	0.9378	0.0001	0.9376	0.9376	0.0000
2023-10-05T08:22:57	2	0	438	437	1	1.0636	1.0636	0.0000	-0.9665	-0.9665	0.0000
2023-10-05T08:36:34	1	0	1	1	0	0.9401	0.9404	0.0003	-0.9989	-0.9988	-0.0001
2023-10-05T08:40:26	1	0	4	4	0	1.0276	1.0275	-0.0001	-0.9535	-0.9532	-0.0003
2023-10-05T08:58:28	3	0	7	7	0	1.0423	1.0421	-0.0002	-0.9911	-0.9913	0.0002
2023-10-05T09:05:35	2	0	10	10	0	1.0083	1.0081	-0.0002	0.9739	0.9739	0.0000
2023-10-05T09:09:12	2	0	6	6	0	1.0496	1.0493	-0.0003	0.9838	0.9834	0.0004
2023-10-05T09:19:37	1	0	3	3	0	0.9924	0.9923	-0.0001	0.9612	0.9609	0.0003
2023-10-05T09:20:14	3	0	18	15	3	1.0520	1.0514	-0.0007	0.9994	0.9987	0.0007
2023-10-05T09:24:57	1	0	4	4	0	0.8898	0.8895	-0.0003	0.9793	0.9796	-0.0003
2023-10-05T09:25:09	1	0	74	66	8	1.0558	1.0556	-0.0001	0.9989	0.9989	0.0000
2023-10-05T09:27:19	3	0	1	1	0	1.0289	1.0280	-0.0009	-0.9946	-0.9947	0.0001
2023-10-05T09:28:07	1	0	12	12	0	1.0211	1.0211	-0.0001	-0.9992	-0.9992	0.0000
2023-10-05T09:28:59	2	0	45	44	1	1.0603	1.0603	0.0000	0.992	0.9919	0.0001
2023-10-05T09:33:08	1	0	422	422	0	1.0730	1.0730	0.0000	-0.9649	-0.9648	-0.0001
2023-10-05T09:33:26	1	0	4	4	0	1.0101	1.0097	-0.0005	0.9692	0.969	0.0002
2023-10-05T09:33:32	1	0	116	114	2	0.9172	0.9173	0.0002	0.9997	0.9997	0.0000
2023-10-05T09:36:16	1	0	4	4	0	1.0319	1.0315	-0.0004	-0.9921	-0.9921	0.0000
2023-10-05T09:39:54	2	0	33	33	0	1.0534	1.0532	-0.0002	0.9435	0.9432	0.0003
2023-10-05T09:40:45	1	0	7	7	0	1.0194	1.0194	-0.0001	0.9996	0.9996	0.0000
2023-10-05T09:43:54	2	0	3	3	0	1.0436	1.0434	-0.0002	-0.9771	-0.9775	0.0004
2023-10-05T09:44:00	4	0	39	39	0	1.0595	1.0588	-0.0008	0.9874	0.9872	0.0002
2023-10-05T09:45:32	1	0	1	1	0	0.9186	0.9189	0.0003	0.9925	0.9923	0.0002
2023-10-05T09:48:27	1	0	4	4	0	0.9425	0.9425	0.0000	0.9451	0.9457	-0.0006
2023-10-05T09:49:48	2	0	4	4	0	1.0239	1.0238	-0.0001	0.9974	0.9973	0.0001
2023-10-05T09:49:57	2	0	1	1	0	1.0220	1.0213	-0.0007	0.9905	0.9902	0.0003
2023-10-05T09:50:15	4	0	54	51	3	1.0578	1.0576	-0.0002	0.9726	0.9722	0.0004
2023-10-05T09:50:19	2	0	5	5	0	1.0358	1.0358	0.0000	-0.9997	-0.9997	0.0000
2023-10-05T09:50:34	1	0	3	3	0	1.0398	1.0397	0.0000	-0.9938	-0.9939	0.0001
2023-10-05T09:50:40	1	0	4	4	0	1.0376	1.0376	-0.0001	0.9692	0.9687	0.0005
2023-10-05T09:51:41	1	0	25	25	0	1.0504	1.0504	0.0000	0.9869	0.9867	0.0002
2023-10-05T09:52:59	5	0	18	16	2	1.0324	1.0320	-0.0004	0.9979	0.9979	0.0000
2023-10-05T09:53:19	4	0	26	21	5	0.9419	0.9428	0.0008	0.9848	0.9851	-0.0003
2023-10-05T09:55:31	1	0	2	2	0	1.0335	1.0331	-0.0004	-0.9583	-0.958	-0.0003
2023-10-05T09:57:48	1	0	5	5	0	1.0373	1.0373	0.0000	0.9638	0.9637	0.0001
2023-10-05T09:59:01	3	0	109	109	0	1.0636	1.0632	-0.0004	0.9929	0.9929	0.0000
2023-10-05T09:59:09	1	0	46	46	0	1.0523	1.0523	0.0000	-0.8824	-0.8835	0.0011
2023-10-05T09:59:38	1	0	1	1	0	0.9396	0.9401	0.0005	0.9976	0.9977	-0.0001
2023-10-05T10:00:33	1	0	1	1	0	0.9133	0.9133	0.0000	0.993	0.9927	0.0003
2023-10-05T10:00:34	1	0	4	4	0	1.0347	1.0346	-0.0001	0.9768	0.9762	0.0006
2023-10-05T10:02:41	1	0	30	29	1	0.9648	0.9656	0.0007	0.9432	0.9432	0.0000
2023-10-05T10:03:28	1	0	1	2	-1	0.9373	0.9963	0.0590	0.945	0.9452	-0.0002
2023-10-05T10:04:40	1	0	3	3	0	0.9973	0.9971	-0.0002	0.9514	0.9509	0.0005
2023-10-05T10:04:49	2	0	3	3	0	1.0296	1.0292	-0.0004	0.9963	0.9962	0.0001
2023-10-05T10:04:58	2	0	1	0	1	1.0224	null	null	0.9852	0.9841	0.0011
2023-10-05T10:05:20	2	0	2	2	0	1.0347	1.0343	-0.0004	-0.9999	-0.9999	0.0000
2023-10-05T10:05:32	1	0	2	2	0	1.0046	1.0033	-0.0013	-0.05354	-0.08227	0.0287
2023-10-05T10:05:41	1	0	3	3	0	1.0418	1.0417	-0.0002	0.9724	0.9719	0.0005
2023-10-05T10:05:59	2	0	5	5	0	1.0034	1.0033	-0.0001	0.9754	0.9754	0.0000
2023-10-05T10:06:18	1	0	3	3	0	1.0329	1.0321	-0.0007	-0.9907	-0.9907	0.0000
2023-10-05T10:06:43	1	0	1	1	0	0.9411	0.9424	0.0013	-0.9973	-0.997	-0.0003
2023-10-05T10:07:30	3	0	2	2	0	1.0361	1.0354	-0.0008	-0.9886	-0.989	0.0004
2023-10-05T10:08:04	3	0	165	161	4	1.0563	1.0562	-0.0001	-0.9901	-0.9901	0.0000
2023-10-05T10:08:19	3	0	5	4	1	0.9421	0.9424	0.0003	0.9838	0.9842	-0.0004
2023-10-05T10:09:16	2	0	100	44	56	1.0565	1.0560	-0.0005	0.9809	0.9795	0.0014
2023-10-05T10:09:28	1	0	6	6	0	1.0187	1.0185	-0.0001	0.9711	0.971	0.0001
2023-10-05T10:09:37	2	0	2	2	0	1.0613	1.0605	-0.0008	0.9996	0.9999	-0.0003

2023-10-05T10:09:46	1	0	3	3	0	1.0190	1.0189	-0.0001	-0.9999	-0.9999	0.0000
2023-10-05T10:09:58	2	0	18	18	0	1.0499	1.0498	-0.0002	0.9405	0.9399	0.0006
2023-10-05T10:10:12	2	0	23	20	3	1.0539	1.0536	-0.0003	0.9979	0.9979	0.0000
2023-10-05T10:10:19	1	0	125	125	0	0.8651	0.8655	0.0004	0.9751	0.9753	-0.0002
2023-10-05T10:10:32	2	0	1	1	0	1.0218	1.0198	-0.0020	-0.9651	-0.9654	0.0003
2023-10-05T10:11:44	1	0	6	6	0	1.0519	1.0517	-0.0002	0.9972	0.997	0.0002
2023-10-05T10:13:10	1	0	12	12	0	1.0234	1.0233	-0.0001	-0.9999	-0.9999	0.0000
2023-10-05T10:13:55	2	0	3	3	0	1.0379	1.0376	-0.0003	-0.9993	-0.9995	0.0002
2023-10-05T10:14:02	5	0	107	91	16	1.0656	1.0637	-0.0019	0.9991	0.9991	0.0000
2023-10-05T10:14:10	1	0	52	48	4	1.0523	1.0515	-0.0007	-0.8625	-0.8631	0.0006
2023-10-05T10:14:39	1	0	2	2	0	0.9812	0.9811	-0.0002	0.9981	0.9981	0.0000
2023-10-05T10:15:53	1	0	9	9	0	1.0497	1.0496	-0.0001	-0.9994	-0.9994	0.0000
2023-10-05T10:17:01	1	0	36	36	0	0.9549	0.9552	0.0003	0.9776	0.9776	0.0000
2023-10-05T10:18:11	1	0	419	419	0	1.0793	1.0793	0.0000	-0.9769	-0.9784	0.0015
2023-10-05T10:18:29	2	0	3	4	-1	0.9410	0.9697	0.0287	0.9531	0.9534	-0.0003
2023-10-05T10:18:35	1	0	60	58	2	0.9299	0.9303	0.0004	0.9999	0.9999	0.0000
2023-10-05T10:18:51	3	0	12	10	2	1.0518	1.0517	-0.0001	0.9902	0.9901	0.0001
2023-10-05T10:20:14	3	0	25	25	0	0.9390	0.9394	0.0004	0.9872	0.9876	-0.0004
2023-10-05T10:20:17	6	0	49	39	10	1.0587	1.0574	-0.0013	0.9713	0.9702	0.0011
2023-10-05T10:20:18	6	0	4	2	2	1.0394	1.0386	-0.0008	0.9984	0.9973	0.0011
2023-10-05T10:20:32	3	0	1	1	0	0.9915	0.9906	-0.0009	-0.9998	-0.9999	0.0001
2023-10-05T10:20:36	2	0	2	2	0	1.0381	1.0379	-0.0003	-0.9936	-0.9935	-0.0001
2023-10-05T10:24:41	1	0	2	2	0	1.0515	1.0511	-0.0004	-0.9998	-0.9998	0.0000
2023-10-05T10:25:01	1	0	3	3	0	0.9038	0.9039	0.0001	0.9703	0.9704	-0.0001
2023-10-05T10:25:35	1	0	9	9	0	1.0213	1.0211	-0.0002	0.9593	0.9647	-0.0054
2023-10-05T10:26:45	1	0	3	3	0	1.0569	1.0568	-0.0001	0.9965	0.9965	0.0000
2023-10-05T10:28:32	1	0	24	24	0	1.0502	1.0501	0.0000	0.9648	0.9645	0.0003
2023-10-05T10:31:23	2	0	4	4	0	1.0273	1.0269	-0.0004	0.986	0.9855	0.0005
2023-10-05T10:32:44	2	0	16	15	1	1.0045	1.0011	-0.0034	0.9511	0.9512	-0.0001
2023-10-05T10:33:55	2	0	16	16	0	1.0492	1.0490	-0.0002	0.9902	0.9901	0.0001
2023-10-05T10:35:33	3	0	3	3	0	0.9881	0.9877	-0.0004	0.9996	0.9993	0.0003
2023-10-05T10:36:44	1	0	22	16	6	1.0504	1.0482	-0.0023	0.982	0.9816	0.0004
2023-10-05T10:37:35	1	0	1	1	0	1.0582	1.0578	-0.0004	0.9835	0.9833	0.0002
2023-10-05T10:39:30	4	0	10	10	0	1.0155	1.0153	-0.0002	0.9654	0.9651	0.0003
2023-10-05T10:41:16	3	0	2	2	0	1.0250	1.0247	-0.0003	0.9825	0.9821	0.0004
2023-10-05T10:41:35	1	0	3	3	0	1.0311	1.0308	-0.0003	0.9835	0.9834	0.0001
2023-10-05T10:43:35	1	0	1	0	1	1.0555	null	null	-0.9922	-0.9923	0.0001
2023-10-05T10:45:27	2	0	10	10	0	1.0488	1.0486	-0.0002	0.9977	0.9976	0.0001
2023-10-05T10:46:17	1	0	1	1	0	0.9422	0.9432	0.0010	-0.9987	-0.9987	0.0000
2023-10-05T10:47:18	1	0	1	0	1	1.0551	null	null	0.9448	0.9405	0.0043
2023-10-05T10:47:45	1	0	34	33	1	0.9574	0.9581	0.0007	0.9493	0.9495	-0.0002
2023-10-05T10:48:55	1	0	8	8	0	1.0504	1.0504	0.0000	0.9888	0.9888	0.0000
2023-10-05T10:49:43	2	0	25	22	3	1.0532	1.0518	-0.0014	-0.9783	-0.9806	0.0023
2023-10-05T10:50:03	2	0	2	1	1	1.0509	1.0558	0.0049	-0.7206	-0.722	0.0014
2023-10-05T10:50:44	2	0	5	5	0	1.0420	1.0419	-0.0002	0.9855	0.9849	0.0006
2023-10-05T10:51:31	2	0	8	7	1	1.0546	1.0546	0.0000	-0.9994	-0.9998	0.0004
2023-10-05T10:53:07	1	0	143	141	2	1.0536	1.0528	-0.0009	-0.9905	-0.9905	0.0000
2023-10-05T10:54:40	1	0	4	4	0	1.0596	1.0590	-0.0006	0.9956	0.9955	0.0001
2023-10-05T10:54:49	1	0	6	6	0	1.0244	1.0244	0.0000	-0.9997	-0.9997	0.0000
2023-10-05T10:55:35	1	0	2	2	0	1.0298	1.0296	-0.0002	-0.9999	-0.9999	0.0000
2023-10-05T11:01:38	2	0	3	3	0	1.0371	1.0369	-0.0001	0.9884	0.9573	0.0311
2023-10-05T11:02:19	1	0	1	0	1	1.0553	null	null	0.9433	0.9432	0.0001
2023-10-05T11:03:56	1	0	9	9	0	1.0552	1.0551	-0.0001	0.989	0.989	0.0000
2023-10-05T11:04:44	1	0	3	3	0	0.9926	0.9925	-0.0001	0.949	0.9491	-0.0001
2023-10-05T11:07:05	1	0	8	8	0	1.0435	1.0434	-0.0001	0.9955	0.9956	-0.0001
2023-10-05T11:09:20	1	0	196	194	2	1.0610	1.0610	0.0000	0.9711	0.9703	0.0008
2023-10-05T11:09:32	1	0	13	13	0	1.0299	1.0298	-0.0002	0.962	0.962	0.0000
2023-10-05T11:10:36	1	0	1	1	0	1.0235	1.0231	-0.0004	-0.9704	-0.9704	0.0000
2023-10-05T11:12:35	1	0	1	1	0	1.0183	1.0176	-0.0007	-0.9999	-1	0.0001
2023-10-05T11:13:14	1	0	12	12	0	1.0203	1.0202	-0.0001	-1	-1	0.0000
2023-10-05T11:13:35	1	0	13	13	0	1.0452	1.0451	0.0000	0.9628	0.9625	0.0003
2023-10-05T11:13:37	1	0	1	1	0	1.0564	1.0562	-0.0002	-0.9961	-0.9961	0.0000
2023-10-05T11:15:29	1	0	21	21	0	1.0514	1.0512	-0.0002	0.9983	0.9982	0.0001
2023-10-05T11:15:46	1	0	3	3	0	1.0173	1.0172	-0.0001	-0.964	-0.9641	0.0001
2023-10-05T11:16:26	2	0	7	7	0	1.0319	1.0319	-0.0001	0.9842	0.9836	0.0006
2023-10-05T11:17:05	1	0	38	38	0	0.9516	0.9516	0.0000	0.983	0.9828	0.0002
2023-10-05T11:20:22	2	0	2	1	1	1.0499	1.0437	-0.0062	0.9979	0.9978	0.0001
2023-10-05T11:21:23	1	0	7	7	0	1.0576	1.0574	-0.0002	-0.9937	-0.9937	0.0000
2023-10-05T11:23:09	1	0	132	130	2	1.0543	1.0543	0.0000	-0.9909	-0.9909	0.0000
2023-10-05T11:26:38	1	0	2	2	0	1.0745	1.0739	-0.0006	0.9994	0.9994	0.0000
2023-10-05T11:28:38	3	0	8	6	2	1.0450	1.0440	-0.0010	-0.9941	-0.9944	0.0003
2023-10-05T11:30:40	7	0	2	1	1	1.0501	1.0469	-0.0032	0.9847	0.956	0.0287
2023-10-05T11:31:40	2	0	1	1	0	1.0605	1.0605	0.0000	0.9928	0.9929	-0.0001
2023-10-05T11:31:46	1	0	1	1	0	1.0597	1.0592	-0.0005	-1	1	0.0000
2023-10-05T11:32:21	1	0	1	1	0	1.0598	1.0592	-0.0006	0.9404	0.9402	0.0002
2023-10-05T11:33:04	1	0	6	5	1	1.0535	1.0520	-0.0015	0.9589	0.9583	0.0006
2023-10-05T11:33:38	2	0	1	2	-1	0.9248	0.9905	0.0657	0.9425	0.9437	-0.0012
2023-10-05T11:35:04	3	0	1	2	-1	0.9419	0.9988	0.0568	0.9827	0.9819	0.0008
2023-10-05T11:35:41	2	0	2	2	0	1.0389	1.0387	-0.0002	-0.9948	-0.9962	0.0014
2023-10-05T11:38:10	1	0	138	137	1	1.0543	1.0543	0.0000	-0.991	-0.991	0.0000
2023-10-05T11:40:27	1	0	388	388	0	1.1434	1.1424	-0.0009	0.9638	0.9636	0.0002
2023-10-05T11:40:38	1	0	1	1	0	1.0319	1.0319	0.0000	-1	-1	0.0000
2023-10-05T11:46:10	6	0	3	3	0	1.0457	1.0456	-0.0001	0.9442	0.9449	-0.0007
2023-10-05T11:46:28	3	0	6	6	0	1.0352	1.0352	0.0000	0.9835	0.9832	0.0003
2023-10-05T11:46:41	2	0	1	1	0	1.0606	1.0605	-0.0001	0.9931	0.9934	-0.0003

2023-10-05T11:47:49	4	0	30	29	1	1.0330	1.0320	-0.0011	0.9515	0.9514	0.0001
2023-10-05T11:48:45	1	0	14	13	1	1.0506	1.0502	-0.0004	0.9453	0.9453	0.0000
2023-10-05T11:48:59	7	0	8	9	-1	1.0510	1.0517	0.0007	0.9947	0.9947	0.0000
2023-10-05T11:50:24	8	0	1	1	0	1.0569	1.0562	-0.0007	0.9975	0.9975	0.0000
2023-10-05T11:50:27	4	0	11	11	0	1.0481	1.0480	-0.0001	-1	-0.9999	-0.0001
2023-10-05T11:55:27	1	0	273	271	2	0.8812	0.8836	0.0025	0.9404	0.9461	-0.0057
2023-10-05T11:55:39	1	0	1	1	0	1.0278	1.0278	0.0000	-0.9997	-0.9997	0.0000
2023-10-05T11:56:27	1	0	5	4	1	1.0562	1.0553	-0.0009	-0.9999	-0.9999	0.0000
2023-10-05T11:57:33	2	0	83	82	1	1.0734	1.0731	-0.0004	-0.9754	-0.9755	0.0001
2023-10-05T11:58:40	2	0	1	2	-1	1.0648	1.0607	-0.0041	-0.9951	-0.9949	-0.0002
2023-10-05T12:01:11	7	0	3	3	0	1.0458	1.0458	0.0000	0.8939	0.9372	-0.0433
2023-10-05T12:01:29	1	0	3	3	0	1.0323	1.0323	0.0000	0.9845	0.9842	0.0003
2023-10-05T12:01:42	2	0	1	1	0	1.0630	1.0630	0.0000	0.992	0.9923	-0.0003
2023-10-05T12:02:23	1	0	96	9	87	0.8968	1.0603	0.1635	0.9868	0.9878	-0.0010
2023-10-05T12:05:25	8	0	7	10	-3	1.0498	1.0488	-0.0010	0.9981	0.9982	-0.0001
2023-10-05T12:10:40	1	0	1	1	0	1.0243	1.0243	0.0000	-0.9995	-0.9996	0.0001
2023-10-05T12:11:27	1	0	6	6	0	1.0566	1.0560	-0.0005	-0.9999	-0.9998	-0.0001
2023-10-05T12:11:41	1	0	3	3	0	1.0569	1.0569	0.0000	0.9736	0.9736	0.0000
2023-10-05T12:12:59	1	0	8	8	0	1.0463	1.0463	0.0000	0.9705	0.9706	-0.0001
2023-10-05T12:20:26	7	0	8	8	0	1.0514	1.0512	-0.0002	0.998	0.9979	0.0001
2023-10-05T12:40:30	2	0	377	377	0	0.9581	0.9582	0.0001	0.9384	0.943	-0.0046
2023-10-05T12:50:46	2	0	2	2	0	1.0403	1.0403	0.0000	-0.9958	-0.997	0.0012
2023-10-05T12:57:58	1	0	5	5	0	1.0509	1.0509	-0.0001	0.9872	0.9872	0.0000
2023-10-05T12:58:02	1	0	5	5	0	1.0412	1.0411	0.0000	0.9457	0.9457	0.0000
2023-10-05T13:12:38	1	0	3	4	-1	1.0124	1.0237	0.0113	-0.9791	-0.979	-0.0001
2023-10-05T13:15:19	1	0	55	54	1	1.0492	1.0490	-0.0001	0.9933	0.9933	0.0000
2023-10-05T13:16:34	1	0	2	2	0	1.0289	1.0289	-0.0001	0.9821	0.9818	0.0003
2023-10-05T13:20:34	1	0	116	116	0	0.9137	0.9137	0.0000	0.9255	0.9253	0.0002
2023-10-05T13:20:48	1	0	1	1	0	1.0361	1.0361	0.0000	-0.9968	-0.9966	-0.0002
2023-10-05T13:34:06	6	0	3	4	-1	1.0473	1.0469	-0.0004	0.9923	0.9924	-0.0001
2023-10-05T13:35:31	12	0	5	5	0	1.0558	1.0552	-0.0006	0.9972	0.9971	0.0001
2023-10-05T13:40:34	2	0	459	459	0	1.0282	1.0295	0.0014	0.9609	0.9614	-0.0005
2023-10-05T13:42:40	1	0	81	81	0	1.1273	1.1270	-0.0004	-0.9766	-0.9833	0.0067
2023-10-05T13:53:59	1	0	100	101	-1	1.0533	1.0533	0.0000	-0.996	-0.996	0.0000
2023-10-05T14:01:31	1	0	2	2	0	1.0331	1.0328	-0.0003	0.9453	0.9447	0.0006
2023-10-05T14:03:50	1	0	62	62	0	0.9289	0.9294	0.0005	0.9801	0.98	0.0001
2023-10-05T14:04:20	3	0	2	1	1	1.0595	1.0574	-0.0021	0.9587	0.9583	0.0004
2023-10-05T14:04:58	2	0	10	10	0	1.0500	1.0500	0.0000	0.975	0.9758	-0.0008
2023-10-05T14:05:16	4	0	2	2	0	1.0556	1.0555	-0.0001	-0.7708	-0.7708	0.0000
2023-10-05T14:05:32	3	0	28	27	1	1.0554	1.0554	0.0000	-0.9261	-0.926	-0.0001
2023-10-05T14:05:33	5	0	27	24	3	1.0554	1.0551	-0.0003	0.9981	0.998	0.0001
2023-10-05T14:05:37	3	0	29	29	0	1.0453	1.0452	-0.0001	0.9556	0.9555	0.0001
2023-10-05T14:06:54	3	0	303	296	7	0.9368	0.9376	0.0008	0.9482	0.9487	-0.0005
2023-10-05T14:07:45	2	0	13	13	0	1.0419	1.0416	-0.0002	0.9999	0.9999	0.0000
2023-10-05T14:09:54	3	0	3	3	0	1.0500	1.0500	0.0000	0.9966	0.9955	0.0011
2023-10-05T14:10:36	1	0	515	501	14	1.1489	1.1487	-0.0002	0.9791	0.9789	0.0002
2023-10-05T14:10:50	1	0	2	2	0	1.0211	1.0211	0.0000	0.9851	0.9775	0.0076
2023-10-05T14:12:01	1	0	425	425	0	0.7834	0.7836	0.0003	0.9949	0.9951	-0.0002
2023-10-05T14:13:03	1	0	2	2	0	1.0559	1.0559	0.0000	0.9891	0.9892	-0.0001
2023-10-05T14:13:07	1	0	6	6	0	1.0518	1.0518	0.0000	0.9681	0.968	0.0001
2023-10-05T14:14:11	2	0	4	4	0	1.0423	1.0423	0.0000	1	-1	0.0000
2023-10-05T14:14:46	1	0	1	1	0	1.0579	1.0577	-0.0002	-0.9963	-0.9963	0.0000
2023-10-05T14:16:31	1	0	2	2	0	1.0354	1.0354	0.0000	-0.9962	-0.9962	0.0000
2023-10-05T14:17:35	1	0	96	96	0	0.8796	0.8799	0.0003	0.9637	0.9638	-0.0001
2023-10-05T14:19:21	2	0	1	1	0	1.0568	1.0562	-0.0006	0.9591	0.9589	0.0002
2023-10-05T14:19:28	1	0	2	2	0	1.0476	1.0475	-0.0001	0.9968	0.9968	0.0000
2023-10-05T14:19:59	4	0	4	3	1	1.0463	1.0457	-0.0006	0.9964	0.9961	0.0003
2023-10-05T14:20:17	2	0	1	1	0	1.0554	1.0552	-0.0002	-0.803	-0.8024	-0.0006
2023-10-05T14:20:30	3	0	5	5	0	1.0459	1.0459	0.0000	0.9999	0.9999	0.0000
2023-10-05T14:20:34	6	0	6	3	3	1.0508	1.0492	-0.0016	0.9964	0.9962	0.0002
2023-10-05T14:20:38	3	0	4	4	0	1.0059	1.0058	-0.0002	0.9792	0.979	0.0002
2023-10-05T14:24:01	1	0	78	77	1	1.0523	1.0523	0.0000	-0.997	-0.997	0.0000
2023-10-05T14:25:05	2	0	10	10	0	1.0046	1.0046	0.0000	-0.9999	-0.9999	0.0000
2023-10-05T14:25:11	3	0	4	4	0	1.0594	1.0591	-0.0002	0.9953	0.9953	0.0000
2023-10-05T14:25:37	1	0	355	353	2	0.8719	0.8726	0.0007	0.9676	0.9683	-0.0007
2023-10-05T14:27:02	1	0	135	135	0	0.8989	0.8990	0.0000	-0.9969	-0.9968	-0.0001
2023-10-05T14:28:27	1	0	8	8	0	1.0142	1.0142	0.0000	0.9993	0.9993	0.0000
2023-10-05T14:29:12	2	0	4	4	0	1.0444	1.0443	-0.0001	-0.9999	-0.9999	0.0000
2023-10-05T14:29:47	1	0	1	1	0	1.0567	1.0565	-0.0002	-0.9953	-0.9953	0.0000
2023-10-05T14:32:36	1	0	2	1	1	1.0577	1.0556	-0.0021	0.9656	0.9653	0.0003
2023-10-05T14:33:01	1	0	7	7	0	0.9702	0.9702	0.0001	0.9705	0.9705	0.0000
2023-10-05T14:33:41	1	0	24	22	2	1.0503	1.0500	-0.0003	-0.981	-0.9853	0.0043
2023-10-05T14:33:59	2	0	42	42	0	0.9379	0.9379	0.0000	0.9891	0.989	0.0001
2023-10-05T14:34:22	2	0	1	1	0	1.0598	1.0594	-0.0004	0.9586	0.9586	0.0000
2023-10-05T14:34:29	3	0	3	3	0	1.0386	1.0385	-0.0001	0.9971	0.9971	0.0000
2023-10-05T14:35:00	3	0	4	4	0	1.0500	1.0499	-0.0002	0.9982	0.9982	0.0000
2023-10-05T14:35:18	2	0	1	1	0	1.0559	1.0558	-0.0001	-0.8176	-0.818	0.0004
2023-10-05T14:35:31	1	0	22	21	1	1.0522	1.0518	-0.0004	-0.998	-0.998	0.0000
2023-10-05T14:35:35	9	0	3	2	1	1.0528	1.0502	-0.0026	0.9963	0.996	0.0003
2023-10-05T14:35:39	2	0	1	1	0	1.0166	1.0165	-0.0001	0.989	0.9889	0.0001
2023-10-05T14:36:30	1	0	1	1	0	1.0355	1.0355	0.0000	-0.9988	-0.9988	0.0000
2023-10-05T14:36:36	1	0	7	7	0	0.9983	0.9984	0.0001	-0.9936	-0.9935	-0.0001
2023-10-05T14:40:06	2	0	3	3	0	1.0161	1.0160	-0.0001	1	1	0.0000
2023-10-05T14:40:38	1	0	255	252	3	0.8863	0.8864	0.0000	0.981	0.9814	-0.0004
2023-10-05T14:40:50	1	0	2	2	0	1.0247	1.0246	-0.0001	-0.9997	-0.9997	0.0000

2023-10-05T14:41:51	1	0	2	2	0	1.0318	1.0315	-0.0003	0.9628	0.9627	0.0001
2023-10-05T14:43:09	1	0	9	9	0	1.0429	1.0429	0.0000	0.9718	0.9717	0.0001
2023-10-05T14:44:13	2	0	4	4	0	1.0443	1.0443	0.0000	-1	-1	0.0000
2023-10-05T14:50:06	1	0	3	3	0	1.0428	1.0428	-0.0001	0.9966	0.9965	0.0001
2023-10-05T14:50:36	7	0	16	15	1	1.0482	1.0475	-0.0007	0.9967	0.9965	0.0002
2023-10-05T14:50:39	2	0	2	2	0	1.0373	1.0372	-0.0002	1	0.9999	0.0001
2023-10-05T14:55:13	2	0	2	2	0	1.0621	1.0620	-0.0001	0.997	0.9978	-0.0008
2023-10-05T14:58:29	1	0	11	11	0	1.0326	1.0326	0.0000	-1	-1	0.0000
2023-10-05T15:01:35	1	0	2	2	0	1.0413	1.0407	-0.0006	0.9596	0.9601	-0.0005
2023-10-05T15:04:01	1	0	3	3	0	1.0689	1.0686	-0.0003	0.984	0.9838	0.0002
2023-10-05T15:04:24	1	0	5	5	0	0.9643	0.9645	0.0001	0.9521	0.9522	-0.0001
2023-10-05T15:05:20	2	0	2	1	1	1.0453	1.0450	-0.0003	-0.8289	-0.8297	0.0008
2023-10-05T15:05:41	1	0	27	27	0	0.9351	0.9351	0.0000	0.9667	0.9667	0.0000
2023-10-05T15:06:32	1	0	2	2	0	1.0352	1.0351	-0.0002	-0.999	-0.9989	-0.0001
2023-10-05T15:06:58	2	0	3	3	0	0.9361	0.9362	0.0001	0.9468	0.9469	-0.0001
2023-10-05T15:15:19	2	0	1	0	1	1.0174	null	null	0.9929	0.9929	0.0000
2023-10-05T15:16:03	3	0	16	16	0	1.0530	1.0536	0.0006	-0.9299	-0.9304	0.0005
2023-10-05T15:16:36	1	0	4	4	0	1.0260	1.0249	-0.0011	0.9868	0.9859	0.0009
2023-10-05T15:19:25	1	0	1	2	-1	0.9385	0.9973	0.0588	0.9568	0.9575	-0.0007
2023-10-05T15:25:15	1	0	2	2	0	1.0444	1.0443	-0.0002	0.999	0.9978	0.0012
2023-10-05T15:29:55	2	0	1	1	0	1.0368	1.0346	-0.0022	-0.9983	-0.9984	0.0001
2023-10-05T15:30:20	2	0	1	1	0	1.0177	1.0173	-0.0004	0.9941	0.994	0.0001
2023-10-05T15:34:26	1	0	2	1	1	1.0006	0.9428	-0.0578	0.9629	0.9628	0.0001
2023-10-05T15:35:38	1	0	37	37	0	1.0564	1.0563	-0.0001	0.97	0.9698	0.0002
2023-10-05T15:44:55	1	0	2	2	0	1.0335	1.0335	0.0000	-1	-1	0.0000
2023-10-05T15:49:17	2	0	2	2	0	1.0221	1.0217	-0.0005	-0.9967	-0.9967	0.0000
2023-10-05T15:55:17	1	0	2	2	0	0.9830	0.9830	0.0001	0.9972	0.9972	0.0000
2023-10-05T15:59:33	1	0	108	107	1	1.0563	1.0563	0.0000	-0.8949	-0.8943	-0.0006
2023-10-05T16:04:37	1	0	3	3	0	0.9775	0.9775	0.0000	0.9696	0.9696	0.0000
2023-10-05T16:05:45	5	0	364	369	-5	0.8576	0.8662	0.0087	0.8911	0.8918	-0.0007
2023-10-05T16:18:13	1	0	1	1	0	0.9357	0.9367	0.0010	0.8919	0.8922	-0.0003
2023-10-05T16:19:38	3	0	12	13	-1	0.9508	0.9517	0.0009	0.974	0.9744	-0.0004
2023-10-05T16:20:46	2	0	330	330	0	0.8723	0.8723	0.0000	0.903	0.9024	0.0006
2023-10-05T16:23:05	1	0	3	3	0	1.0085	1.0088	0.0003	0.9693	0.9692	0.0001
2023-10-05T16:42:11	1	0	127	127	0	0.9099	0.9099	0.0000	-0.9973	-0.9973	0.0000
2023-10-05T16:42:54	1	0	3	3	0	1.0441	1.0439	-0.0002	-0.9679	-0.9679	0.0000
2023-10-06T08:10:03	1	0	50	49	1	1.0546	1.0546	0.0000	0.9996	0.9996	0.0000
2023-10-06T08:13:58	1	0	106	104	2	1.0556	1.0555	-0.0001	-0.8522	-0.8516	-0.0006
2023-10-06T08:22:59	2	0	261	260	1	1.0596	1.0596	0.0000	-0.9815	-0.9816	0.0001
2023-10-06T08:25:24	1	0	1	1	0	1.0358	1.0354	-0.0004	-0.9514	-0.9509	-0.0005
2023-10-06T08:26:26	3	0	48	47	1	1.0571	1.0571	0.0000	-0.9975	-0.9975	0.0000
2023-10-06T08:36:32	1	0	1	1	0	0.9335	0.9338	0.0003	-0.9996	-0.9996	0.0000
2023-10-06T08:40:05	1	0	48	46	2	1.0543	1.0543	0.0000	0.9997	0.9997	0.0000
2023-10-06T09:16:09	1	0	2	2	0	0.9868	0.9870	0.0002	-0.9964	-0.9964	0.0000
2023-10-06T09:20:30	1	0	3	3	0	0.9922	0.9921	-0.0001	0.9545	0.9552	-0.0007
2023-10-06T09:24:55	1	0	7	7	0	0.9469	0.9472	0.0003	0.9783	0.9781	0.0002
2023-10-06T09:28:06	1	0	11	11	0	1.0246	1.0245	-0.0001	1	1	0.0000
2023-10-06T09:31:20	1	0	9	9	0	1.0339	1.0338	-0.0001	0.9867	0.9865	0.0002
2023-10-06T09:31:40	2	0	63	61	2	1.0526	1.0525	-0.0001	-0.969	-0.9689	-0.0001
2023-10-06T09:35:09	1	0	14	13	1	1.0477	1.0478	0.0001	0.9201	0.9199	0.0002
2023-10-06T09:39:11	2	0	6	6	0	1.0502	1.0497	-0.0006	0.9924	0.9921	0.0003
2023-10-06T09:39:31	1	0	2	2	0	0.9498	0.9501	0.0003	-0.9993	-0.9993	0.0000
2023-10-06T09:40:16	1	0	7	7	0	1.0768	1.0768	0.0000	0.9922	0.9921	0.0001
2023-10-06T09:43:50	2	0	2	2	0	1.0366	1.0363	-0.0003	-0.9821	-0.9825	0.0004
2023-10-06T09:45:29	1	0	1	1	0	0.9011	0.9014	0.0003	0.9957	0.9957	0.0000
2023-10-06T09:48:21	1	0	2	2	0	0.9948	0.9950	0.0002	0.9717	0.972	-0.0003
2023-10-06T09:48:30	1	0	38	37	1	0.9371	0.9374	0.0003	0.9904	0.9901	0.0003
2023-10-06T09:49:46	2	0	3	3	0	1.0291	1.0289	-0.0002	0.9998	0.9998	0.0000
2023-10-06T09:50:38	1	0	5	5	0	0.9983	0.9983	-0.0001	0.9751	0.9751	0.0000
2023-10-06T09:51:41	2	0	4	4	0	1.0219	1.0218	-0.0001	0.9818	0.9815	0.0003
2023-10-06T09:55:17	1	0	127	172	-45	0.9007	1.0938	0.1931	0.9921	0.9971	-0.0050
2023-10-06T09:56:27	1	0	3	3	0	0.9648	0.9647	-0.0001	0.9905	0.9901	0.0004
2023-10-06T09:57:27	1	0	2	1	1	1.0156	1.0195	0.0039	-1	-1	0.0000
2023-10-06T09:59:05	2	0	82	81	1	1.0560	1.0560	0.0000	-0.8848	-0.8843	-0.0005
2023-10-06T10:00:30	1	0	1	1	0	0.8982	0.8982	0.0000	0.9962	0.9962	0.0000
2023-10-06T10:01:12	1	0	2	2	0	0.9408	0.9408	0.0000	-0.9967	-0.9967	0.0000
2023-10-06T10:03:31	1	0	46	45	1	0.9341	0.9345	0.0004	0.9905	0.9901	0.0004
2023-10-06T10:04:47	2	0	2	2	0	1.0437	1.0429	-0.0008	0.9994	0.9993	0.0001
2023-10-06T10:04:53	1	0	54	53	1	0.9291	0.9293	0.0002	0.9516	0.9515	0.0001
2023-10-06T10:05:33	1	0	3	3	0	0.9901	0.9899	-0.0002	0.9419	0.9416	0.0003
2023-10-06T10:05:39	1	0	5	5	0	1.0044	1.0043	-0.0001	0.9741	0.9741	0.0000
2023-10-06T10:06:16	1	0	3	3	0	0.9769	0.9765	-0.0004	-0.9995	-0.9996	0.0001
2023-10-06T10:06:38	1	0	1	1	0	0.9404	0.9416	0.0012	-0.9998	-0.9997	-0.0001
2023-10-06T10:06:42	2	0	3	3	0	1.0249	1.0247	-0.0002	0.9821	0.9818	0.0003
2023-10-06T10:07:29	3	0	2	2	0	1.0360	1.0351	-0.0008	-0.9924	-0.9928	0.0004
2023-10-06T10:09:45	1	0	6	6	0	1.0157	1.0156	-0.0001	0.9999	0.9999	0.0000
2023-10-06T10:09:46	1	0	4	4	0	0.9782	0.9779	-0.0003	0.9982	0.9974	0.0008
2023-10-06T10:09:58	1	0	1	1	0	0.9446	0.9450	0.0004	0.9817	0.9814	0.0003
2023-10-06T10:10:11	2	0	49	35	14	1.0550	1.0548	-0.0002	0.9995	0.9994	0.0001
2023-10-06T10:10:31	2	0	1	1	0	1.0257	1.0237	-0.0020	-0.987	-0.9871	0.0001
2023-10-06T10:13:52	2	0	3	3	0	1.0432	1.0429	-0.0003	-0.9995	-0.9996	0.0001
2023-10-06T10:14:06	1	0	120	119	1	1.0583	1.0576	-0.0007	-0.8922	-0.8927	0.0005
2023-10-06T10:14:37	1	0	2	2	0	0.9767	0.9765	-0.0002	0.9978	0.9978	0.0000
2023-10-06T10:16:54	1	0	32	31	1	0.9490	0.9494	0.0004	0.993	0.9929	0.0001
2023-10-06T10:18:52	3	0	4	4	0	1.0431	1.0428	-0.0003	0.9926	0.9925	0.0001

2023-10-06T10:20:32	5	0	2	2	0	0.9854	0.9847	-0.0008	-1	1	0.0000
2023-10-06T10:20:33	1	0	1	1	0	1.0369	1.0365	-0.0004	-0.9967	-0.9967	0.0000
2023-10-06T10:24:10	2	0	6	6	0	1.0054	1.0054	0.0000	0.9638	0.9636	0.0002
2023-10-06T10:25:19	1	0	125	125	0	0.8839	0.8844	0.0004	0.9901	0.9901	0.0000
2023-10-06T10:26:33	2	0	2	2	0	1.0581	1.0579	-0.0003	0.9983	0.9982	0.0001
2023-10-06T10:26:33	1	0	2	2	0	1.0666	1.0662	-0.0004	0.9837	0.9835	0.0002
2023-10-06T10:28:10	1	0	10	10	0	1.0256	1.0255	-0.0001	0.9992	0.9992	0.0000
2023-10-06T10:31:30	2	0	2	2	0	1.0614	1.0610	-0.0004	-0.9657	-0.967	0.0013
2023-10-06T10:31:55	1	0	9	9	0	0.9802	0.9802	-0.0001	0.993	0.9929	0.0001
2023-10-06T10:34:42	2	0	19	18	1	1.0483	1.0481	-0.0003	0.9899	0.9909	-0.0010
2023-10-06T10:35:20	2	0	18	15	3	1.0507	1.0501	-0.0006	0.9981	0.9981	0.0000
2023-10-06T10:35:33	1	0	1	1	0	0.9905	0.9902	-0.0003	0.9998	0.9997	0.0001
2023-10-06T10:35:41	1	0	5	5	0	1.0030	1.0028	-0.0002	0.9743	0.9742	0.0001
2023-10-06T10:35:42	1	0	3	3	0	1.0384	1.0382	-0.0002	0.9963	0.9961	0.0002
2023-10-06T10:39:11	2	0	11	11	0	1.0038	1.0036	-0.0001	0.9629	0.9626	0.0003
2023-10-06T10:39:15	2	0	6	6	0	1.0507	1.0496	-0.0010	0.9878	0.987	0.0008
2023-10-06T10:39:35	1	0	3	3	0	0.9459	0.9465	0.0006	-0.9996	-0.9995	-0.0001
2023-10-06T10:40:34	1	0	4	4	0	1.0176	1.0175	-0.0001	0.9611	0.9608	0.0003
2023-10-06T10:42:31	1	0	81	81	0	1.1402	1.1385	-0.0017	-0.9826	-0.9827	0.0001
2023-10-06T10:46:25	2	0	8	8	0	1.0322	1.0319	-0.0003	0.9848	0.9844	0.0004
2023-10-06T10:47:18	1	0	1	0	1	1.0551	null	null	0.9654	0.9653	0.0001
2023-10-06T10:48:54	1	0	4	4	0	1.0471	1.0470	-0.0001	0.9926	0.9926	0.0000
2023-10-06T10:49:37	3	0	5	5	0	1.0489	1.0484	-0.0005	0.9998	0.9998	0.0000
2023-10-06T10:50:51	2	0	21	20	1	1.0536	1.0534	-0.0003	0.9985	0.9984	0.0001
2023-10-06T10:54:49	1	0	6	6	0	1.0039	1.0038	0.0000	0.9998	0.9998	0.0000
2023-10-06T10:55:31	1	0	2	2	0	1.0218	1.0217	-0.0002	-0.9993	-0.9993	0.0000
2023-10-06T10:58:00	1	0	45	46	-1	1.0521	1.0521	-0.0001	0.9996	0.9999	-0.0003
2023-10-06T10:58:34	3	0	2	1	1	1.0471	1.0571	0.0100	-0.9812	-0.9817	0.0005
2023-10-06T11:00:42	2	0	8	9	-1	0.9413	0.9417	0.0005	0.9936	0.9937	-0.0001
2023-10-06T11:01:16	2	0	4	4	0	1.0399	1.0394	-0.0006	0.9762	0.9756	0.0006
2023-10-06T11:01:20	1	0	2	2	0	1.0338	1.0313	-0.0025	0.9028	0.9379	-0.0351
2023-10-06T11:01:42	1	0	1	0	1	1.0391	null	null	-0.9999	-0.9999	0.0000
2023-10-06T11:01:57	1	0	9	9	0	1.0140	1.0140	0.0000	0.9953	0.9952	0.0001
2023-10-06T11:02:43	3	0	20	19	1	0.9761	0.9721	-0.0040	0.9612	0.9611	0.0001
2023-10-06T11:03:26	2	0	5	3	2	1.0524	1.0528	0.0003	0.9793	0.9788	0.0005
2023-10-06T11:03:38	1	0	3	3	0	1.0658	1.0655	-0.0003	0.9847	0.9845	0.0002
2023-10-06T11:03:55	1	0	3	3	0	1.0489	1.0488	-0.0002	0.9924	0.9923	0.0001
2023-10-06T11:05:36	1	0	2	2	0	1.0341	1.0339	-0.0002	-0.9973	-0.9973	0.0000
2023-10-06T11:06:18	1	0	20	20	0	1.0526	1.0524	-0.0002	0.9973	0.9973	0.0000
2023-10-06T11:06:20	1	0	2	2	0	0.9988	0.9990	0.0002	-1	-0.9999	-0.0001
2023-10-06T11:07:03	1	0	8	8	0	1.0426	1.0425	-0.0001	0.9974	0.9974	0.0000
2023-10-06T11:07:25	1	0	1	1	0	0.9416	0.9419	0.0003	0.9996	0.9996	0.0000
2023-10-06T11:07:35	1	0	1	1	0	1.0559	1.0555	-0.0004	0.9828	0.9826	0.0002
2023-10-06T11:10:33	1	0	6	6	0	0.9773	0.9772	-0.0001	0.9958	0.9948	0.0010
2023-10-06T11:11:36	1	0	14	13	1	1.0511	1.0509	-0.0002	0.9983	0.9983	0.0000
2023-10-06T11:12:56	2	0	28	25	3	1.0325	1.0294	-0.0032	0.9526	0.9523	0.0003
2023-10-06T11:13:35	2	0	6	6	0	1.0459	1.0456	-0.0004	-0.9811	-0.9813	0.0002
2023-10-06T11:14:28	1	0	1	0	1	1.0560	null	null	0.9933	0.9933	0.0000
2023-10-06T11:16:43	3	0	5	5	0	1.0364	1.0360	-0.0004	-0.9992	-0.9993	0.0001
2023-10-06T11:18:27	5	0	15	13	2	0.9898	0.9975	0.0077	0.9732	0.974	-0.0008
2023-10-06T11:18:36	1	0	63	62	1	0.9253	0.9258	0.0004	0.9941	0.9938	0.0003
2023-10-06T11:20:16	3	0	8	8	0	1.0488	1.0484	-0.0004	0.9116	0.9106	0.0010
2023-10-06T11:20:23	2	0	3	3	0	1.0491	1.0487	-0.0004	-0.9918	-0.9919	0.0001
2023-10-06T11:20:45	2	0	5	5	0	1.0527	1.0525	-0.0002	-0.9903	-0.9908	0.0005
2023-10-06T11:25:34	1	0	3	3	0	1.0052	1.0050	-0.0002	0.9947	0.9947	0.0000
2023-10-06T11:25:36	1	0	1	1	0	1.0296	1.0293	-0.0003	-0.9814	-0.9813	-0.0001
2023-10-06T11:29:42	1	0	2	2	0	0.9394	0.9394	0.0000	0.9973	0.9974	-0.0001
2023-10-06T11:30:44	3	0	7	7	0	0.9471	0.9472	0.0000	0.9812	0.9814	-0.0002
2023-10-06T11:31:28	2	0	7	7	0	1.0339	1.0339	0.0000	0.9843	0.9841	0.0002
2023-10-06T11:31:34	2	0	1	1	0	1.0623	1.0623	0.0000	0.977	0.9771	-0.0001
2023-10-06T11:32:59	1	0	6	5	1	1.0520	1.0504	-0.0016	0.9662	0.9662	0.0000
2023-10-06T11:33:28	6	0	5	4	1	1.0549	1.0544	-0.0005	0.9759	0.9757	0.0002
2023-10-06T11:34:46	2	0	16	16	0	1.0491	1.0490	0.0000	0.999	0.9991	-0.0001
2023-10-06T11:35:46	5	0	7	7	0	1.0408	1.0407	-0.0001	-0.9886	-0.9888	0.0002
2023-10-06T11:37:05	1	0	17	17	0	1.0450	1.0450	0.0000	-0.9999	-0.9998	-0.0001
2023-10-06T11:41:38	3	0	9	10	-1	1.0527	1.0521	-0.0006	0.9985	0.9986	-0.0001
2023-10-06T11:42:35	2	0	10	10	0	1.0578	1.0571	-0.0007	-0.9577	-0.9578	0.0001
2023-10-06T11:46:35	2	0	1	1	0	1.0613	1.0613	0.0000	0.9917	0.9919	-0.0002
2023-10-06T11:47:22	1	0	1	1	0	1.0570	1.0562	-0.0008	0.967	0.9669	0.0001
2023-10-06T11:48:29	6	0	1	2	-1	0.9420	0.9991	0.0572	0.9687	0.9693	-0.0006
2023-10-06T11:49:47	2	0	10	10	0	1.0514	1.0514	0.0000	0.9697	0.9692	0.0005
2023-10-06T11:52:06	1	0	3	3	0	1.0323	1.0323	0.0000	0.9983	0.9983	0.0000
2023-10-06T11:55:36	1	0	3	3	0	0.9871	0.9858	-0.0013	0.9942	0.9949	-0.0007
2023-10-06T12:00:46	3	0	8	8	0	0.9459	0.9460	0.0000	0.9871	0.987	0.0001
2023-10-06T12:01:36	2	0	1	1	0	1.0627	1.0627	0.0000	0.9886	0.9889	-0.0003
2023-10-06T12:02:13	2	0	6	7	-1	1.0359	1.0358	-0.0001	0.9846	0.9845	0.0001
2023-10-06T12:03:30	6	0	6	5	1	1.0382	1.0323	-0.0058	0.9697	0.9693	0.0004
2023-10-06T12:04:48	2	0	14	13	1	1.0522	1.0528	0.0006	0.9745	0.9741	0.0004
2023-10-06T12:15:53	1	0	29	28	1	1.0529	1.0528	-0.0001	-0.9191	-0.9195	0.0004
2023-10-06T12:18:16	1	0	244	242	2	1.0611	1.0611	0.0000	-0.9867	-0.9866	-0.0001
2023-10-06T12:25:37	1	0	1	2	-1	1.0318	1.0249	-0.0069	-0.9988	-0.9988	0.0000
2023-10-06T12:25:40	3	0	1	1	0	1.0259	1.0252	-0.0007	-0.9794	-0.9782	-0.0012
2023-10-06T12:26:41	3	0	7	10	-3	1.0563	1.0532	-0.0031	0.9987	0.9988	-0.0001
2023-10-06T12:35:51	4	0	8	9	-1	1.0463	1.0453	-0.0010	-0.9888	-0.988	-0.0008
2023-10-06T12:55:39	1	0	1	1	0	1.0276	1.0276	0.0000	-0.9995	-0.9995	0.0000

2023-10-06T12:58:42	1	0	14	14	0	1.0512	1.0502	-0.0009	0.9712	0.9712	0.0000
2023-10-06T13:25:09	2	0	53	52	1	1.0543	1.0541	-0.0001	0.9826	0.9825	0.0001
2023-10-06T13:27:41	1	0	2	3	-1	1.0246	1.0248	0.0002	1	1	0.0000
2023-10-06T13:48:37	1	0	4	3	1	1.0539	1.0530	-0.0008	0.9754	0.9753	0.0001
2023-10-06T13:49:09	2	0	11	10	1	1.0462	1.0452	-0.0010	0.9569	0.957	-0.0001
2023-10-06T13:55:11	2	0	20	20	0	1.0511	1.0511	-0.0001	0.983	0.9829	0.0001
2023-10-06T13:55:46	1	0	1	1	0	1.0334	1.0330	-0.0004	-0.9816	-0.9813	-0.0003
2023-10-06T13:57:45	2	0	1	1	0	1.0588	1.0588	0.0000	-0.9458	-0.9707	0.0249
2023-10-06T14:03:38	1	0	1	1	0	1.0597	1.0595	-0.0002	0.969	0.9689	0.0001
2023-10-06T14:05:52	1	0	2	2	0	0.9974	0.9974	0.0000	0.9415	0.9417	-0.0002
2023-10-06T14:05:57	1	0	6	6	0	1.0426	1.0426	0.0000	-0.9943	-0.9944	0.0001
2023-10-06T14:06:30	5	0	16	14	2	1.0484	1.0479	-0.0005	0.9971	0.9971	0.0000
2023-10-06T14:10:12	1	0	55	55	0	1.0544	1.0543	0.0000	0.989	0.9889	0.0001
2023-10-06T14:10:46	2	0	4	5	-1	0.9860	0.9777	-0.0082	0.9949	0.9949	0.0000
2023-10-06T14:10:47	2	0	1	1	0	1.0317	1.0310	-0.0007	-0.9847	-0.9846	-0.0001
2023-10-06T14:11:49	1	0	2	2	0	1.0600	1.0599	-0.0002	0.9976	0.9975	0.0001
2023-10-06T14:12:26	2	0	1	1	0	0.9968	0.9973	0.0005	-0.9841	-0.9839	-0.0002
2023-10-06T14:12:44	1	0	2	2	0	1.0252	1.0250	-0.0001	1	1	0.0000
2023-10-06T14:12:46	1	0	83	83	0	1.0932	1.0929	-0.0003	-0.9822	-0.9865	0.0043
2023-10-06T14:13:09	3	0	9	11	-2	1.0544	1.0540	-0.0004	0.9598	0.96	-0.0002
2023-10-06T14:13:47	1	0	22	22	0	1.0520	1.0519	-0.0001	0.9689	0.9688	0.0001
2023-10-06T14:17:10	2	0	8	9	-1	0.9725	0.9694	-0.0031	0.9892	0.9891	0.0001
2023-10-06T14:18:39	2	0	1	1	0	1.0620	1.0613	-0.0007	0.9688	0.9687	0.0001
2023-10-06T14:18:49	2	0	66	65	1	0.9235	0.9242	0.0007	0.9961	0.9961	0.0000
2023-10-06T14:19:51	4	0	4	4	0	1.0499	1.0499	-0.0001	0.9997	0.9997	0.0000
2023-10-06T14:20:10	3	0	15	15	0	0.9473	0.9471	-0.0001	0.9743	0.9727	0.0016
2023-10-06T14:20:23	1	0	7	7	0	1.0392	1.0390	-0.0001	-0.9983	-0.9983	0.0000
2023-10-06T14:21:45	2	0	6	6	0	1.0533	1.0531	-0.0003	-0.9988	-0.9989	0.0001
2023-10-06T14:22:12	4	0	16	15	1	1.0504	1.0503	-0.0002	0.9967	0.9966	0.0001
2023-10-06T14:22:16	1	0	10	10	0	1.0430	1.0430	0.0000	1	-1	0.0000
2023-10-06T14:22:46	3	0	1	2	-1	1.0393	1.0386	-0.0007	-0.9959	-0.9958	-0.0001
2023-10-06T14:25:13	1	0	101	101	0	1.0564	1.0563	0.0000	0.9883	0.9883	0.0000
2023-10-06T14:25:45	1	0	2	2	0	1.0271	1.0270	-0.0002	-0.9997	-0.9997	0.0000
2023-10-06T14:25:47	3	0	6	6	0	0.9755	0.9751	-0.0003	0.9955	0.9954	0.0001
2023-10-06T14:25:48	3	0	1	1	0	1.0327	1.0319	-0.0008	-0.9831	-0.983	-0.0001
2023-10-06T14:26:52	2	0	2	2	0	1.0607	1.0606	-0.0002	0.9975	0.9974	0.0001
2023-10-06T14:27:45	1	0	2	2	0	1.0246	1.0244	-0.0002	1	1	0.0000
2023-10-06T14:27:47	1	0	82	82	0	1.0935	1.0931	-0.0004	-0.9803	-0.9803	0.0000
2023-10-06T14:28:10	2	0	19	19	0	1.0556	1.0556	-0.0001	0.9594	0.9594	0.0000
2023-10-06T14:28:49	1	0	20	20	0	1.0516	1.0515	0.0000	0.9687	0.9686	0.0001
2023-10-06T14:31:03	1	0	3	3	0	1.0544	1.0542	-0.0002	-0.9521	-0.9516	-0.0005
2023-10-06T14:31:10	1	0	1	0	1	1.0288	null	null	1	1	0.0000
2023-10-06T14:32:11	1	0	33	33	0	0.9483	0.9484	0.0001	0.9893	0.9893	0.0000
2023-10-06T14:33:40	2	0	2	2	0	1.0512	1.0509	-0.0002	0.9729	0.9728	0.0001
2023-10-06T14:34:53	4	0	4	4	0	1.0500	1.0498	-0.0002	0.9994	0.9994	0.0000
2023-10-06T14:35:11	4	0	90	89	1	0.9190	0.9193	0.0002	0.9433	0.9435	-0.0002
2023-10-06T14:35:54	1	0	2	2	0	0.9948	0.9946	-0.0002	0.936	0.9361	-0.0001
2023-10-06T14:36:46	2	0	21	21	0	1.0496	1.0496	0.0000	-0.998	-0.9981	0.0001
2023-10-06T14:37:13	4	0	15	15	0	1.0473	1.0470	-0.0004	0.9977	0.9976	0.0001
2023-10-06T14:37:17	1	0	12	12	0	1.0466	1.0466	0.0000	-0.9999	-0.9998	-0.0001
2023-10-06T14:37:47	3	0	2	2	0	1.0386	1.0385	-0.0002	-0.9962	-0.9963	0.0001
2023-10-06T14:40:14	1	0	131	131	0	1.0580	1.0580	0.0000	0.989	0.9889	0.0001
2023-10-06T14:40:46	1	0	2	2	0	1.0234	1.0234	0.0001	-0.9994	-0.9994	0.0000
2023-10-06T14:40:49	1	0	5	5	0	0.9687	0.9686	0.0000	0.9967	0.9967	0.0000
2023-10-06T14:41:52	2	0	2	2	0	1.0606	1.0606	-0.0001	0.9981	0.9981	0.0000
2023-10-06T14:42:46	1	0	2	2	0	1.0249	1.0249	0.0000	1	1	0.0000
2023-10-06T14:42:48	4	0	82	82	0	1.1414	1.1411	-0.0002	-0.987	-0.9876	0.0006
2023-10-06T14:43:11	2	0	19	19	0	1.0556	1.0556	0.0000	0.9635	0.9636	-0.0001
2023-10-06T14:43:15	2	0	39	38	1	1.0519	1.0518	-0.0001	0.9999	0.9999	0.0000
2023-10-06T14:43:50	1	0	11	11	0	1.0489	1.0489	0.0000	0.9657	0.9657	0.0000
2023-10-06T14:44:32	1	0	6	6	0	1.0459	1.0458	-0.0001	0.9998	0.9998	0.0000
2023-10-06T14:48:41	1	0	31	30	1	1.0521	1.0520	-0.0001	-0.984	-0.9841	0.0001
2023-10-06T14:48:52	1	0	12	11	1	0.9411	0.9408	-0.0003	0.9927	0.9926	0.0001
2023-10-06T14:51:00	1	0	6	6	0	1.0433	1.0432	-0.0001	-0.9961	-0.9963	0.0002
2023-10-06T14:56:09	1	0	1	2	-1	0.9687	1.0120	0.0433	0.9986	0.9986	0.0000
2023-10-06T14:58:12	1	0	58	58	0	1.0429	1.0429	0.0000	0.9509	0.9508	0.0001
2023-10-06T14:59:43	1	0	1	1	0	1.0559	1.0558	-0.0001	0.9954	0.9954	0.0000
2023-10-06T15:01:05	3	0	20	17	3	1.0507	1.0506	-0.0001	-0.9236	-0.925	0.0014
2023-10-06T15:02:13	1	0	11	11	0	1.0120	1.0119	0.0000	0.9921	0.992	0.0001
2023-10-06T15:02:35	1	0	1	1	0	1.0581	1.0578	-0.0003	0.9597	0.9597	0.0000
2023-10-06T15:05:26	2	0	26	25	1	1.0478	1.0475	-0.0003	-0.9925	-0.9925	0.0000
2023-10-06T15:11:09	1	0	3	4	-1	0.9735	0.9950	0.0215	0.994	0.9945	-0.0005
2023-10-06T15:15:52	2	0	2	2	0	1.0369	1.0365	-0.0004	0.9942	0.9941	0.0001
2023-10-06T15:18:28	1	0	418	418	0	1.0788	1.0788	0.0000	-0.9749	-0.9748	-0.0001
2023-10-06T15:22:16	2	0	13	13	0	1.0494	1.0491	-0.0003	0.9989	0.9989	0.0000
2023-10-06T15:43:12	1	0	8	8	0	1.0475	1.0474	0.0000	0.9806	0.9805	0.0001
2023-10-06T15:43:19	1	0	3	3	0	1.0005	1.0008	0.0003	0.9886	0.9888	-0.0002
2023-10-06T15:44:59	1	0	3	3	0	0.9684	0.9684	0.0000	0.9721	0.9721	0.0000
2023-10-06T15:48:56	3	0	6	6	0	0.9697	0.9692	-0.0005	0.9943	0.994	0.0003
2023-10-06T15:51:41	1	0	34	32	2	1.0509	1.0508	-0.0001	-0.9643	-0.9644	0.0001
2023-10-06T15:53:20	4	0	9	9	0	1.0246	1.0243	-0.0003	0.995	0.995	0.0000
2023-10-06T15:54:31	1	0	38	37	1	1.0505	1.0503	-0.0002	0.9929	0.9929	0.0000
2023-10-06T15:56:47	4	0	6	7	-1	0.9625	0.9800	0.0175	0.9946	0.9948	-0.0002
2023-10-06T16:05:35	2	0	15	12	3	1.0489	1.0496	0.0007	0.97	0.9697	0.0003
2023-10-06T16:09:32	1	0	28	27	1	1.0516	1.0514	-0.0002	0.9943	0.9943	0.0000

2023-10-06T16:18:47	2	0	13	12	1	0.9597	0.9612	0.0015	0.9741	0.9745	-0.0004
2023-10-06T16:40:58	1	0	1	1	0	1.0295	1.0293	-0.0002	-0.9743	-0.9739	-0.0004
2023-10-06T17:03:53	1	0	60	58	2	0.9631	0.9632	0.0001	0.9808	0.9807	0.0001
2023-10-07T08:10:04	1	0	148	148	0	1.0577	1.0577	0.0000	-1	-1	0.0000
2023-10-07T08:24:29	1	0	1	1	0	0.9792	0.9800	0.0008	-0.9956	-0.9956	0.0000
2023-10-07T08:40:06	2	0	169	167	2	1.0587	1.0586	-0.0001	-1	-1	0.0000
2023-10-07T08:55:32	1	0	2	2	0	1.0342	1.0337	-0.0004	-0.9325	-0.9318	-0.0007
2023-10-07T08:59:05	1	0	48	47	1	1.0529	1.0527	-0.0002	-0.8992	-0.8988	-0.0004
2023-10-07T09:00:40	1	0	137	136	1	1.0503	1.0503	0.0000	-0.843	-0.8423	-0.0007
2023-10-07T09:03:24	1	0	11	10	1	0.9906	0.9955	0.0049	0.985	0.9851	-0.0001
2023-10-07T09:05:13	1	0	17	15	2	0.9439	0.9440	0.0001	-0.9998	-0.9997	-0.0001
2023-10-07T09:14:37	1	0	2	2	0	0.9387	0.9391	0.0003	0.9846	0.9852	-0.0006
2023-10-07T09:18:14	1	0	5	5	0	1.0061	1.0060	0.0000	0.9873	0.9875	-0.0002
2023-10-07T09:18:25	1	0	10	10	0	1.0234	1.0233	-0.0002	0.9867	0.9866	0.0001
2023-10-07T09:20:14	1	0	19	18	1	0.9430	0.9431	0.0001	-0.9972	-0.997	-0.0002
2023-10-07T09:20:16	1	0	131	131	0	0.9422	0.9422	0.0001	0.9847	0.9857	-0.0010
2023-10-07T09:20:41	1	0	5	5	0	1.0016	1.0015	-0.0001	0.9768	0.9768	0.0000
2023-10-07T09:24:56	2	0	51	50	1	1.0528	1.0527	-0.0001	0.961	0.9606	0.0004
2023-10-07T09:27:31	1	0	4	4	0	1.0274	1.0272	-0.0002	1	1	0.0000
2023-10-07T09:28:09	1	0	2	2	0	1.0250	1.0249	-0.0002	0.9955	0.9955	0.0000
2023-10-07T09:32:46	1	0	3	3	0	1.0402	1.0399	-0.0003	0.9636	0.9633	0.0003
2023-10-07T09:34:57	2	0	19	18	1	0.9510	0.9465	-0.0045	0.9555	0.9551	0.0004
2023-10-07T09:35:15	1	0	20	20	0	0.9415	0.9415	0.0000	-0.9979	-0.9978	-0.0001
2023-10-07T09:35:17	3	0	14	14	0	1.0479	1.0472	-0.0006	-1	-1	0.0000
2023-10-07T09:36:21	1	0	2	2	0	1.0278	1.0276	-0.0003	-0.9817	-0.9818	0.0001
2023-10-07T09:36:43	1	0	2	2	0	1.0283	1.0282	-0.0001	0.9834	0.9839	-0.0005
2023-10-07T09:39:34	1	0	2	2	0	1.0124	1.0121	-0.0004	-1	-1	0.0000
2023-10-07T09:39:36	1	0	3	3	0	0.9707	0.9709	0.0002	-0.9827	-0.9824	-0.0003
2023-10-07T09:41:32	1	0	2	2	0	0.9897	0.9895	-0.0002	0.9971	0.9969	0.0002
2023-10-07T09:43:54	2	0	2	2	0	1.0350	1.0347	-0.0003	-0.9776	-0.9779	0.0003
2023-10-07T09:44:08	1	0	34	34	0	1.0534	1.0534	0.0000	-0.8895	-0.8886	-0.0009
2023-10-07T09:45:34	1	0	1	1	0	0.8932	0.8935	0.0003	0.9969	0.9969	0.0000
2023-10-07T09:46:45	1	0	1	1	0	1.0409	1.0405	-0.0004	-0.9865	-0.9866	0.0001
2023-10-07T09:46:55	1	0	13	13	0	0.9804	0.9804	-0.0001	0.9994	0.9995	-0.0001
2023-10-07T09:49:40	1	0	2	2	0	1.0312	1.0312	0.0000	0.9937	0.9937	0.0000
2023-10-07T09:50:43	1	0	3	3	0	1.0424	1.0423	-0.0001	-0.9647	-0.965	0.0003
2023-10-07T09:51:44	1	0	2	2	0	1.0297	1.0297	0.0000	0.9823	0.9828	-0.0005
2023-10-07T09:54:35	1	0	1	1	0	1.0754	1.0569	-0.0185	-1	-1	0.0000
2023-10-07T09:55:28	1	0	3	3	0	1.0368	1.0368	0.0000	0.9969	0.9975	-0.0006
2023-10-07T09:55:36	1	0	2	2	0	1.0231	1.0230	-0.0001	-0.9601	-0.9598	-0.0003
2023-10-07T09:56:34	1	0	1	1	0	1.0555	1.0551	-0.0004	-0.9995	-0.9998	0.0003
2023-10-07T10:00:35	1	0	1	1	0	0.8859	0.8859	0.0000	0.9979	0.9978	0.0001
2023-10-07T10:00:37	1	0	1	1	0	1.0399	1.0389	-0.0010	0.9799	0.9786	0.0013
2023-10-07T10:00:44	1	0	11	11	0	1.0462	1.0462	0.0000	-0.9816	-0.9815	-0.0001
2023-10-07T10:02:57	1	0	1	1	0	0.9432	0.9432	0.0000	0.9889	0.9894	-0.0005
2023-10-07T10:03:28	2	0	19	18	1	0.9471	0.9472	0.0001	0.9843	0.9849	-0.0006
2023-10-07T10:04:15	3	0	3	3	0	1.0111	1.0114	0.0003	0.9889	0.9889	0.0000
2023-10-07T10:04:43	2	0	3	1	2	1.0533	1.0465	-0.0068	-0.9899	-0.9907	0.0008
2023-10-07T10:04:59	2	0	19	19	0	0.9499	0.9498	-0.0001	0.9589	0.9577	0.0012
2023-10-07T10:05:09	1	0	16	15	1	1.0490	1.0486	-0.0004	0.9973	0.9973	0.0000
2023-10-07T10:05:19	6	0	14	10	4	1.0468	1.0458	-0.0010	1	1	0.0000
2023-10-07T10:05:19	1	0	218	218	0	1.0193	1.0193	0.0000	0.9795	0.9795	0.0000
2023-10-07T10:05:44	2	0	5	5	0	1.0412	1.0410	-0.0001	-0.9724	-0.973	0.0006
2023-10-07T10:05:44	1	0	11	11	0	0.9863	0.9861	-0.0002	0.9746	0.9745	0.0001
2023-10-07T10:06:23	1	0	3	3	0	1.0372	1.0365	-0.0007	-0.9857	-0.9858	0.0001
2023-10-07T10:06:45	2	0	5	5	0	1.0212	1.0211	-0.0001	0.9941	0.9943	-0.0002
2023-10-07T10:06:56	2	0	3	4	-1	1.0471	1.0413	-0.0059	1	1	0.0000
2023-10-07T10:09:22	1	0	10	10	0	1.0280	1.0279	-0.0001	0.9687	0.9684	0.0003
2023-10-07T10:09:36	3	0	1	0	1	1.0592	null	null	-0.9997	-0.9998	0.0001
2023-10-07T10:09:49	1	0	6	6	0	0.9871	0.9871	-0.0001	-0.9984	-0.9984	0.0000
2023-10-07T10:09:59	2	0	74	69	5	1.0536	1.0535	-0.0001	0.9576	0.9569	0.0007
2023-10-07T10:10:12	2	0	70	61	9	1.0558	1.0552	-0.0006	0.999	0.9989	0.0001
2023-10-07T10:10:51	1	0	2	2	0	1.0204	1.0199	-0.0005	-0.965	-0.965	0.0000
2023-10-07T10:12:34	2	0	6	6	0	1.0274	1.0272	-0.0003	0.9999	0.9999	0.0000
2023-10-07T10:13:58	2	0	3	3	0	1.0428	1.0426	-0.0003	-0.9773	-0.9778	0.0005
2023-10-07T10:14:10	1	0	11	8	3	1.0515	1.0486	-0.0029	-0.8877	-0.8875	-0.0002
2023-10-07T10:14:13	1	0	15	14	1	1.0488	1.0491	0.0002	-0.9836	-0.9837	0.0001
2023-10-07T10:15:57	1	0	3	3	0	1.0333	1.0330	-0.0002	-0.9975	-0.9975	0.0000
2023-10-07T10:16:28	1	0	39	34	5	1.0555	1.0555	-0.0001	0.9999	0.9999	0.0000
2023-10-07T10:16:57	2	0	9	9	0	1.0130	1.0130	0.0000	0.9988	0.9988	0.0000
2023-10-07T10:17:49	1	0	5	4	1	1.0456	1.0452	-0.0003	0.957	0.9571	-0.0001
2023-10-07T10:18:18	1	0	8	8	0	1.0134	1.0133	-0.0001	0.9883	0.9884	-0.0001
2023-10-07T10:18:38	1	0	6	6	0	0.9386	0.9390	0.0004	-0.9987	-0.9986	-0.0001
2023-10-07T10:19:00	7	0	25	23	2	1.0488	1.0487	-0.0001	-0.9973	-0.9974	0.0001
2023-10-07T10:20:37	6	0	4	4	0	1.0061	1.0055	-0.0007	0.9992	0.9985	0.0007
2023-10-07T10:20:38	1	0	1	1	0	1.0296	1.0293	-0.0003	-0.9987	-0.9987	0.0000
2023-10-07T10:23:03	5	0	11	11	0	1.0291	1.0288	-0.0003	-0.9997	-0.9997	0.0000
2023-10-07T10:24:23	2	0	10	10	0	1.0289	1.0288	-0.0002	0.9672	0.9668	0.0004
2023-10-07T10:25:13	1	0	102	101	1	1.0568	1.0567	0.0000	0.9989	0.9989	0.0000
2023-10-07T10:26:35	2	0	2	2	0	0.9723	0.9714	-0.0009	0.9944	0.9943	0.0001
2023-10-07T10:26:36	1	0	2	2	0	1.0705	1.0701	-0.0005	-0.9796	-0.9797	0.0001
2023-10-07T10:27:15	2	0	1	1	0	0.9974	0.9979	0.0005	-0.9697	-0.9694	-0.0003
2023-10-07T10:28:15	4	0	1	1	0	1.0378	1.0369	-0.0009	-0.9743	-0.9746	0.0003
2023-10-07T10:30:37	2	0	46	46	0	0.9276	0.9275	0.0000	0.9969	0.9969	0.0000
2023-10-07T10:33:30	1	0	10	9	1	0.9748	0.9655	-0.0093	0.9838	0.9837	0.0001

2023-10-07T10:33:44	1	0	17	16	1	1.0509	1.0504	-0.0005	0.9725	0.9684	0.0041
2023-10-07T10:34:43	7	0	14	13	1	1.0476	1.0474	-0.0001	0.988	0.9872	0.0008
2023-10-07T10:35:01	3	0	311	311	0	0.8501	0.8505	0.0004	0.8747	0.8748	-0.0001
2023-10-07T10:35:19	1	0	1	0	1	0.9447	null	null	-0.9956	-0.9954	-0.0002
2023-10-07T10:35:28	2	0	2	2	0	1.0385	1.0381	-0.0005	-0.9852	-0.9853	0.0001
2023-10-07T10:37:36	1	0	88	87	1	1.0558	1.0558	0.0000	-0.9948	-0.9949	0.0001
2023-10-07T10:37:40	1	0	2	2	0	1.0191	1.0189	-0.0002	0.9796	0.9789	0.0007
2023-10-07T10:38:32	1	0	457	453	4	1.0575	1.0574	0.0000	0.9968	0.9968	0.0000
2023-10-07T10:40:40	1	0	794	847	-53	0.8048	0.8131	0.0083	0.8871	0.9046	-0.0175
2023-10-07T10:40:53	1	0	2	2	0	1.0195	1.0193	-0.0002	-0.9731	-0.9729	-0.0002
2023-10-07T10:41:36	1	0	2	2	0	0.9920	0.9917	-0.0003	0.996	0.9956	0.0004
2023-10-07T10:42:16	1	0	1	1	0	0.9960	0.9964	0.0004	-0.9708	-0.9705	-0.0003
2023-10-07T10:42:36	1	0	7	7	0	1.0279	1.0278	-0.0001	0.9999	0.9998	0.0001
2023-10-07T10:42:55	1	0	23	23	0	1.0491	1.0491	0.0000	0.9982	0.9982	0.0000
2023-10-07T10:43:38	1	0	1	1	0	1.0560	1.0556	-0.0004	-0.9757	-0.9765	0.0008
2023-10-07T10:46:28	2	0	11	11	0	1.0361	1.0359	-0.0002	0.993	0.9927	0.0003
2023-10-07T10:46:30	2	0	6	6	0	1.0572	1.0570	-0.0001	0.9982	0.9982	0.0000
2023-10-07T10:47:21	1	0	1	0	1	1.0556	null	null	0.998	0.9969	0.0011
2023-10-07T10:47:47	1	0	8	8	0	1.0300	1.0298	-0.0001	0.9698	0.9696	0.0002
2023-10-07T10:49:02	1	0	37	37	0	1.0511	1.0511	0.0000	-0.9978	-0.9978	0.0000
2023-10-07T10:50:20	2	0	9	9	0	1.0488	1.0485	-0.0003	0.9735	0.973	0.0005
2023-10-07T10:50:39	1	0	4	4	0	1.0080	1.0078	-0.0002	0.9999	0.9998	0.0001
2023-10-07T10:52:37	2	0	61	59	2	1.0561	1.0553	-0.0008	-0.9967	-0.9968	0.0001
2023-10-07T10:54:52	1	0	6	6	0	0.9828	0.9827	-0.0001	-0.9968	-0.9969	0.0001
2023-10-07T10:55:15	1	0	123	122	1	1.0573	1.0573	0.0000	0.9992	0.9992	0.0000
2023-10-07T10:55:32	1	0	12	12	0	1.0463	1.0462	-0.0001	0.9951	0.995	0.0001
2023-10-07T10:55:37	1	0	3	3	0	0.9983	0.9983	-0.0001	-0.959	-0.959	0.0000
2023-10-07T10:56:38	1	0	4	4	0	1.0585	1.0583	-0.0001	-0.9998	-0.9998	0.0000
2023-10-07T10:58:15	1	0	4	4	0	1.0226	1.0224	-0.0002	0.9937	0.9935	0.0002
2023-10-07T10:58:39	2	0	3	3	0	1.0417	1.0405	-0.0012	-0.9725	-0.9729	0.0004
2023-10-07T11:01:19	2	0	8	8	0	1.0432	1.0426	-0.0006	0.9946	0.9944	0.0002
2023-10-07T11:01:29	1	0	12	12	0	1.0366	1.0365	-0.0001	0.9931	0.9928	0.0003
2023-10-07T11:01:31	1	0	100	99	1	1.0598	1.0599	0.0000	-0.9962	-0.9962	0.0000
2023-10-07T11:03:32	1	0	6	4	2	1.0357	1.0244	-0.0113	0.9882	0.988	0.0002
2023-10-07T11:03:49	1	0	1	1	0	1.0266	1.0262	-0.0004	-0.9824	-0.9824	0.0000
2023-10-07T11:04:03	1	0	29	29	0	1.0482	1.0481	-0.0001	-0.9969	-0.9969	0.0000
2023-10-07T11:05:03	1	0	5	5	0	1.0368	1.0367	-0.0001	0.9725	0.972	0.0005
2023-10-07T11:05:44	2	0	1	1	0	1.0463	1.0455	-0.0008	0.9999	0.9999	0.0000
2023-10-07T11:07:07	1	0	15	15	0	1.0491	1.0490	0.0000	-0.991	-0.9909	-0.0001
2023-10-07T11:08:34	2	0	367	359	8	1.0565	1.0564	0.0000	0.9978	0.9978	0.0000
2023-10-07T11:12:52	1	0	18	17	1	1.0520	1.0517	-0.0003	0.9981	0.9981	0.0000
2023-10-07T11:13:38	1	0	3	3	0	1.0311	1.0310	-0.0001	0.9737	0.9735	0.0002
2023-10-07T11:17:01	1	0	9	9	0	1.0202	1.0190	-0.0012	0.9997	0.9997	0.0000
2023-10-07T11:17:23	1	0	1	1	0	1.0586	1.0582	-0.0004	0.9994	0.9994	0.0000
2023-10-07T11:18:22	1	0	7	7	0	1.0073	1.0072	0.0000	0.9873	0.9875	-0.0002
2023-10-07T11:18:33	1	0	6	6	0	1.0338	1.0337	0.0000	0.9885	0.9887	-0.0002
2023-10-07T11:20:10	1	0	17	17	0	1.0506	1.0505	-0.0001	0.9965	0.9965	0.0000
2023-10-07T11:20:24	12	0	11	10	1	1.0471	1.0459	-0.0012	0.9999	0.9999	0.0000
2023-10-07T11:21:04	1	0	1	1	0	1.0454	1.0451	-0.0003	1	1	0.0000
2023-10-07T11:24:41	1	0	2	2	0	1.0428	1.0427	-0.0001	1	1	0.0000
2023-10-07T11:25:08	1	0	1	0	1	0.9439	null	null	0.9915	0.9916	-0.0001
2023-10-07T11:26:12	1	0	279	279	0	1.0802	1.0802	0.0000	-0.9986	-0.9987	0.0001
2023-10-07T11:26:23	3	0	2	2	0	1.0324	1.0321	-0.0003	0.9982	0.9981	0.0001
2023-10-07T11:28:17	1	0	4	4	0	1.0257	1.0257	0.0000	0.9939	0.994	-0.0001
2023-10-07T11:28:39	1	0	2	2	0	1.0351	1.0351	0.0000	0.9781	0.9734	0.0047
2023-10-07T11:30:41	2	0	44	44	0	0.9184	0.9184	0.0000	0.9969	0.997	-0.0001
2023-10-07T11:35:25	10	0	6	8	-2	1.0441	1.0446	0.0004	0.9998	0.9998	0.0000
2023-10-07T11:35:32	2	0	1	2	-1	1.0381	1.0360	-0.0021	-0.984	-0.984	0.0000
2023-10-07T11:37:09	1	0	11	11	0	1.0426	1.0425	0.0000	-0.9923	-0.9913	-0.0010
2023-10-07T11:37:43	1	0	1	1	0	1.0575	1.0571	-0.0004	0.9967	0.9967	0.0000
2023-10-07T11:37:44	1	0	1	1	0	1.0188	1.0188	0.0000	0.9755	0.9754	0.0001
2023-10-07T11:39:42	3	0	2	2	0	1.0435	1.0435	0.0000	1	1	0.0000
2023-10-07T11:40:40	1	0	1	1	0	1.0586	1.0586	0.0000	-0.9504	-0.9502	-0.0002
2023-10-07T11:40:59	3	0	1	2	-1	1.0113	1.0105	-0.0008	-0.9781	-0.9773	-0.0008
2023-10-07T11:41:13	1	0	295	277	18	1.0808	1.0777	-0.0030	-0.9986	-0.9952	-0.0034
2023-10-07T11:41:40	3	0	1	2	-1	0.9337	0.9946	0.0608	0.995	0.9952	-0.0002
2023-10-07T11:43:18	1	0	1	1	0	1.0278	1.0278	0.0000	0.9935	0.9936	-0.0001
2023-10-07T11:43:42	3	0	6	6	0	1.0434	1.0411	-0.0023	-0.9778	-0.9777	-0.0001
2023-10-07T11:45:42	2	0	45	45	0	0.9264	0.9265	0.0000	0.9969	0.9969	0.0000
2023-10-07T11:45:44	1	0	3	3	0	1.0451	1.0448	-0.0003	0.9136	0.9455	-0.0319
2023-10-07T11:47:51	3	0	33	33	0	1.0471	1.0467	-0.0004	0.9789	0.979	-0.0001
2023-10-07T11:48:24	1	0	1	1	0	1.0585	1.0580	-0.0005	0.9501	0.95	0.0001
2023-10-07T11:55:41	1	0	5	5	0	0.9980	0.9981	0.0000	-0.9556	-0.9554	-0.0002
2023-10-07T11:56:14	1	0	318	276	42	1.0799	1.0768	-0.0031	-0.9982	-0.9945	-0.0037
2023-10-07T11:56:25	3	0	3	4	-1	1.0402	1.0384	-0.0018	0.9974	0.9975	-0.0001
2023-10-07T11:57:40	1	0	12	11	1	1.0484	1.0466	-0.0018	-1	-1	0.0000
2023-10-07T12:00:43	2	0	45	45	0	0.9280	0.9280	0.0000	0.9971	0.9971	0.0000
2023-10-07T12:03:05	2	0	1	0	1	1.0555	null	null	0.9762	0.9761	0.0001
2023-10-07T12:07:11	1	0	170	170	0	1.0574	1.0574	0.0000	-0.9646	-0.9647	0.0001
2023-10-07T12:09:44	4	0	1	1	0	1.0706	1.0689	-0.0017	-0.9999	-1	0.0001
2023-10-07T12:10:17	2	0	79	78	1	1.0541	1.0541	0.0000	0.9942	0.9942	0.0000
2023-10-07T12:10:42	1	0	11	11	0	0.9526	0.9526	0.0000	-0.9382	-0.938	-0.0002
2023-10-07T12:11:15	1	0	279	279	0	1.0808	1.0808	0.0000	-0.9993	-0.9993	0.0000
2023-10-07T12:18:19	1	0	160	160	0	1.0694	1.0693	0.0000	-0.981	-0.981	0.0000
2023-10-07T12:22:18	1	0	15	14	1	1.0502	1.0498	-0.0004	-0.9691	-0.9691	0.0000

2023-10-07T12:24:45	1	0	4	4	0	1.0610	1.0607	-0.0003	-0.9999	-0.9999	0.0000
2023-10-07T12:28:45	3	0	7	8	-1	1.0399	1.0413	0.0014	-0.9694	-0.9686	-0.0008
2023-10-07T12:31:58	1	0	36	35	1	1.0489	1.0487	-0.0002	-0.9252	-0.925	-0.0002
2023-10-07T12:35:23	1	0	29	29	0	1.0531	1.0532	0.0001	0.9967	0.9967	0.0000
2023-10-07T12:38:18	1	0	117	116	1	1.0563	1.0563	0.0000	-0.9753	-0.9752	-0.0001
2023-10-07T12:40:19	1	0	102	102	0	1.0578	1.0578	0.0000	0.9955	0.9954	0.0001
2023-10-07T12:41:44	3	0	4	5	-1	0.9892	1.0027	0.0135	0.9957	0.996	-0.0003
2023-10-07T12:50:24	4	0	35	34	1	1.0555	1.0555	0.0000	0.9958	0.9957	0.0001
2023-10-07T12:53:19	1	0	130	129	1	1.0565	1.0565	0.0000	-0.9719	-0.9718	-0.0001
2023-10-07T12:56:04	3	0	1	1	0	1.0241	1.0234	-0.0007	-0.9749	-0.9747	-0.0002
2023-10-07T12:58:23	2	0	7	7	0	1.0259	1.0257	-0.0002	0.9951	0.9949	0.0002
2023-10-07T12:59:37	1	0	43	38	5	1.0534	1.0531	-0.0003	0.9999	0.9995	0.0004
2023-10-07T12:59:44	1	0	49	49	0	1.0496	1.0496	0.0000	0.9991	0.9991	0.0000
2023-10-07T13:02:58	1	0	2	2	0	1.0269	1.0269	0.0000	0.9606	0.9608	-0.0002
2023-10-07T13:13:24	2	0	6	7	-1	1.0250	1.0251	0.0001	0.9936	0.994	-0.0004
2023-10-07T13:15:50	1	0	5	5	0	1.0366	1.0366	0.0000	0.9793	0.9788	0.0005
2023-10-07T13:17:01	1	0	49	48	1	1.0494	1.0492	-0.0002	-0.9159	-0.9158	-0.0001
2023-10-07T13:20:39	2	0	2	3	-1	1.0352	1.0341	-0.0011	-0.9749	-0.9746	-0.0003
2023-10-07T13:22:22	1	0	23	22	1	1.0509	1.0506	-0.0002	-0.9625	-0.9625	0.0000
2023-10-07T13:23:21	4	0	187	184	3	1.0576	1.0576	0.0000	-0.9649	-0.9649	0.0000
2023-10-07T13:26:39	1	0	44	43	1	1.0561	1.0560	-0.0001	-0.956	-0.956	0.0000
2023-10-07T13:33:00	1	0	7	7	0	1.0237	1.0236	-0.0001	0.9683	0.9683	0.0000
2023-10-07T13:35:27	5	0	72	67	5	1.0583	1.0583	-0.0001	0.9954	0.9952	0.0002
2023-10-07T13:37:23	1	0	23	23	0	1.0515	1.0514	-0.0001	-0.9623	-0.9623	0.0000
2023-10-07T13:37:51	1	0	1	2	-1	1.0661	1.0607	-0.0054	0.9867	0.9869	-0.0002
2023-10-07T13:41:48	3	0	3	3	0	1.0089	1.0085	-0.0004	0.9967	0.997	-0.0003
2023-10-07T13:45:52	7	0	2	1	1	1.0478	1.0466	-0.0012	0.9858	0.9845	0.0013
2023-10-07T13:50:34	18	0	5	6	-1	1.0452	1.0456	0.0004	-1	-1	0.0000
2023-10-07T13:50:41	2	0	3	3	0	1.0425	1.0424	-0.0001	-0.9757	-0.9758	0.0001
2023-10-07T13:52:53	1	0	1	1	0	1.0222	1.0222	0.0000	0.9775	0.9775	0.0000
2023-10-07T13:54:32	2	0	4	3	1	1.0536	1.0509	-0.0027	0.9909	0.9904	0.0005
2023-10-07T13:54:51	1	0	5	5	0	1.0547	1.0545	-0.0002	-0.9998	-1	0.0002
2023-10-07T13:58:49	1	0	3	3	0	1.0412	1.0412	0.0000	0.9798	0.9799	-0.0001
2023-10-07T13:58:51	3	0	6	6	0	1.0440	1.0429	-0.0011	-0.9677	-0.9678	0.0001
2023-10-07T14:03:02	1	0	7	7	0	1.0228	1.0228	0.0000	0.9703	0.9703	0.0000
2023-10-07T14:05:01	2	0	8	9	-1	1.0513	1.0519	0.0005	-0.9876	-0.9868	-0.0008
2023-10-07T14:05:29	6	0	71	69	2	1.0583	1.0581	-0.0001	0.9956	0.9955	0.0001
2023-10-07T14:07:03	3	0	7	9	-2	1.0356	1.0401	0.0045	0.9944	0.9942	0.0002
2023-10-07T14:08:46	3	0	398	398	0	1.0577	1.0577	0.0000	0.9964	0.9964	0.0000
2023-10-07T14:09:33	2	0	87	84	3	1.0577	1.0574	-0.0003	0.9926	0.9924	0.0002
2023-10-07T14:09:52	4	0	7	7	0	1.0586	1.0581	-0.0005	-0.9995	-0.9996	0.0001
2023-10-07T14:11:54	5	0	29	26	3	1.0544	1.0542	-0.0002	-0.9874	-0.9874	0.0000
2023-10-07T14:13:28	1	0	5	5	0	1.0257	1.0256	-0.0001	0.9948	0.9947	0.0001
2023-10-07T14:13:52	3	0	6	6	0	1.0420	1.0414	-0.0006	-0.9694	-0.9704	0.0010
2023-10-07T14:16:51	2	0	2	2	0	1.0606	1.0602	-0.0004	-0.9578	-0.9591	0.0013
2023-10-07T14:17:05	1	0	51	49	2	1.0495	1.0493	-0.0003	-0.9134	-0.9132	-0.0002
2023-10-07T14:18:34	1	0	1	1	0	1.0569	1.0568	-0.0001	0.9508	0.9508	0.0000
2023-10-07T14:18:45	6	0	11	9	2	1.0140	1.0042	-0.0098	0.9824	0.9822	0.0002
2023-10-07T14:19:32	3	0	3	3	0	1.0303	1.0303	0.0000	0.9901	0.99	0.0001
2023-10-07T14:20:30	3	0	64	62	2	1.0576	1.0575	-0.0001	0.9941	0.994	0.0001
2023-10-07T14:20:36	14	0	13	9	4	1.0472	1.0450	-0.0022	0.9999	0.9998	0.0001
2023-10-07T14:22:20	1	0	28	28	0	1.0459	1.0458	0.0000	-0.9923	-0.9922	-0.0001
2023-10-07T14:22:26	2	0	24	22	2	1.0517	1.0513	-0.0004	-0.955	-0.9551	0.0001
2023-10-07T14:22:55	1	0	2	2	0	1.0655	1.0653	-0.0002	0.9976	0.9975	0.0001
2023-10-07T14:22:57	1	0	2	2	0	1.0171	1.0171	-0.0001	0.9775	0.977	0.0005
2023-10-07T14:23:57	1	0	51	50	1	1.0558	1.0558	0.0000	-0.8987	-0.8988	0.0001
2023-10-07T14:24:34	3	0	376	166	210	1.0620	1.0593	-0.0027	0.999	0.9838	0.0152
2023-10-07T14:24:54	4	0	3	3	0	1.0597	1.0590	-0.0007	-0.9997	-1	0.0003
2023-10-07T14:24:57	1	0	2	1	1	1.0560	1.0555	-0.0005	-0.9891	-0.9895	0.0004
2023-10-07T14:25:20	1	0	1	1	0	1.0382	1.0364	-0.0018	0.9999	0.9999	0.0000
2023-10-07T14:26:35	3	0	8	8	0	1.0373	1.0372	-0.0001	0.9995	0.9995	0.0000
2023-10-07T14:26:54	1	0	3	3	0	1.0435	1.0432	-0.0003	0.979	0.9789	0.0001
2023-10-07T14:28:29	1	0	8	8	0	1.0252	1.0251	-0.0001	0.9938	0.9938	0.0000
2023-10-07T14:28:54	3	0	10	9	1	1.0438	1.0420	-0.0018	-0.9624	-0.9631	0.0007
2023-10-07T14:30:45	2	0	14	13	1	1.0483	1.0477	-0.0007	-0.9885	-0.9886	0.0001
2023-10-07T14:30:55	7	0	40	22	18	1.0548	1.0528	-0.0020	0.9782	0.9768	0.0014
2023-10-07T14:31:45	1	0	35	34	1	1.0580	1.0579	-0.0001	-0.9998	-0.9998	0.0000
2023-10-07T14:33:35	1	0	1	1	0	1.0572	1.0570	-0.0002	0.9498	0.9498	0.0000
2023-10-07T14:33:48	1	0	36	35	1	1.0546	1.0545	-0.0001	-0.9931	-0.9932	0.0001
2023-10-07T14:35:31	1	0	52	52	0	1.0564	1.0562	-0.0002	0.9951	0.9951	0.0000
2023-10-07T14:35:37	19	0	6	5	1	1.0457	1.0450	-0.0007	0.9997	0.9991	0.0006
2023-10-07T14:35:37	2	0	112	112	0	0.9483	0.9487	0.0004	0.8978	0.8983	-0.0005
2023-10-07T14:35:44	2	0	3	3	0	1.0350	1.0345	-0.0005	-0.974	-0.9743	0.0003
2023-10-07T14:36:04	2	0	21	21	0	1.0476	1.0476	-0.0001	-0.9615	-0.9635	0.0020
2023-10-07T14:37:16	1	0	4	4	0	1.0517	1.0517	0.0000	0.9852	0.9852	0.0000
2023-10-07T14:37:21	1	0	8	8	0	1.0446	1.0446	0.0000	-0.9892	-0.9888	-0.0004
2023-10-07T14:37:52	1	0	160	157	3	1.0619	1.0617	-0.0001	-0.9968	-0.9968	0.0000
2023-10-07T14:37:56	1	0	1	1	0	1.0655	1.0655	0.0000	0.967	0.967	0.0000
2023-10-07T14:37:58	1	0	2	2	0	1.0191	1.0190	-0.0001	0.9782	0.9779	0.0003
2023-10-07T14:38:48	1	0	498	495	3	1.0582	1.0582	0.0000	0.9962	0.9962	0.0000
2023-10-07T14:38:58	1	0	49	49	0	1.0555	1.0555	0.0000	-0.9	-0.8999	-0.0001
2023-10-07T14:39:35	2	0	5	5	0	1.0501	1.0499	-0.0002	0.9858	0.9855	0.0003
2023-10-07T14:40:00	2	0	1	1	0	1.0678	1.0677	-0.0001	-0.9999	0.9996	0.0005
2023-10-07T14:40:48	1	0	1	0	1	1.0555	null	null	-0.9904	-0.9906	0.0002
2023-10-07T14:41:11	3	0	5	5	0	1.0226	1.0225	-0.0001	-0.9681	-0.9678	-0.0003

2023-10-07T14:41:36	3	0	8	8	0	1.0376	1.0376	0.0000	0.9992	0.9992	0.0000
2023-10-07T14:41:44	1	0	33	32	1	1.0552	1.0551	-0.0001	-0.9368	-0.937	0.0002
2023-10-07T14:42:32	1	0	1	1	0	0.9936	0.9939	0.0003	-0.9614	-0.9611	-0.0003
2023-10-07T14:43:11	1	0	29	29	0	1.0522	1.0522	0.0000	0.9911	0.991	0.0001
2023-10-07T14:43:30	2	0	7	7	0	1.0269	1.0268	-0.0001	0.9941	0.994	0.0001
2023-10-07T14:43:32	7	0	1	1	0	1.0400	1.0388	-0.0012	-0.9666	-0.9673	0.0007
2023-10-07T14:45:46	2	0	13	13	0	1.0482	1.0482	0.0000	-0.9888	-0.9886	-0.0002
2023-10-07T14:45:54	3	0	2	1	1	1.0389	1.0386	-0.0003	-0.976	-0.9768	0.0008
2023-10-07T14:45:56	7	0	5	5	0	1.0255	1.0253	-0.0002	0.9751	0.9452	0.0299
2023-10-07T14:46:44	1	0	10	10	0	1.0397	1.0397	0.0000	0.9846	0.9841	0.0005
2023-10-07T14:47:07	1	0	63	61	2	1.0509	1.0507	-0.0002	-0.9105	-0.9104	-0.0001
2023-10-07T14:47:15	1	0	11	11	0	1.0334	1.0334	-0.0001	0.9962	0.9962	0.0000
2023-10-07T14:47:37	1	0	95	0	95	0.9110	null	null	0.9963	0.9953	0.0010
2023-10-07T14:48:05	1	0	10	10	0	1.0315	1.0314	-0.0001	0.968	0.9679	0.0001
2023-10-07T14:48:57	1	0	9	9	0	1.0481	1.0478	-0.0002	0.9958	0.9959	-0.0001
2023-10-07T14:49:18	2	0	74	73	1	1.0541	1.0541	0.0000	-0.9984	-0.9985	0.0001
2023-10-07T14:55:53	1	0	4	4	0	0.9797	0.9796	-0.0001	-0.9389	-0.9388	-0.0001
2023-10-07T14:56:12	1	0	2	2	0	1.0307	1.0296	-0.0012	-0.9481	-0.9588	0.0107
2023-10-07T14:56:55	1	0	24	23	1	1.0548	1.0548	0.0000	-0.9995	-0.9995	0.0000
2023-10-07T14:56:55	1	0	4	4	0	1.0166	1.0167	0.0001	0.9792	0.9792	0.0000
2023-10-07T15:00:57	1	0	7	7	0	1.0431	1.0430	-0.0001	0.9679	0.9686	-0.0007
2023-10-07T15:02:07	1	0	120	120	0	1.0546	1.0546	0.0000	-0.9789	-0.979	0.0001
2023-10-07T15:02:38	1	0	3	3	0	1.0429	1.0419	-0.0009	0.998	0.999	-0.0010
2023-10-07T15:03:37	1	0	2	2	0	0.9879	0.9886	0.0007	0.9763	0.9765	-0.0002
2023-10-07T15:07:07	2	0	25	22	3	1.0465	1.0460	-0.0005	0.9939	0.9941	-0.0002
2023-10-07T15:09:37	1	0	5	5	0	1.0522	1.0521	-0.0001	0.9895	0.9999	-0.0104
2023-10-07T15:11:13	1	0	5	5	0	1.0240	1.0233	-0.0007	-0.9612	-0.9622	0.0010
2023-10-07T15:11:56	2	0	2	2	0	0.9965	0.9961	-0.0004	0.9976	0.9976	0.0000
2023-10-07T15:11:59	1	0	22	20	2	1.0530	1.0538	0.0008	-0.9999	-0.9999	0.0000
2023-10-07T15:13:54	1	0	3	3	0	1.0318	1.0317	-0.0001	0.9714	0.9713	0.0001
2023-10-07T15:16:46	1	0	13	13	0	1.0384	1.0384	0.0000	0.9852	0.9848	0.0004
2023-10-07T15:18:49	2	0	7	7	0	0.9721	0.9723	0.0002	0.9812	0.9808	0.0004
2023-10-07T15:25:03	2	0	4	4	0	1.0566	1.0564	-0.0002	-0.9999	-0.9999	0.0000
2023-10-07T15:26:57	2	0	3	3	0	0.9716	0.9715	-0.0001	0.9953	0.9953	0.0000
2023-10-07T15:33:50	4	0	3	3	0	0.9744	0.9749	0.0005	0.9829	0.9835	-0.0006
2023-10-07T15:35:07	2	0	18	16	2	1.0498	1.0490	-0.0008	-0.9889	-0.9893	0.0004
2023-10-07T15:41:58	1	0	2	2	0	0.9917	0.9915	-0.0003	0.9978	0.9974	0.0004
2023-10-07T15:42:01	1	0	24	23	1	1.0531	1.0531	0.0000	-0.9999	-0.9999	0.0000
2023-10-07T15:46:00	1	0	60	60	0	1.0664	1.0664	0.0000	0.9782	0.9773	0.0009
2023-10-07T15:50:42	1	0	219	219	0	0.9270	0.9272	0.0002	0.9791	0.9793	-0.0002
2023-10-07T15:58:57	1	0	5	5	0	1.0387	1.0386	-0.0001	0.9725	0.9723	0.0002
2023-10-07T16:11:31	1	0	6	6	0	1.0227	1.0226	-0.0001	-0.9592	-0.9591	-0.0001
2023-10-07T16:17:38	2	0	6	6	0	1.0301	1.0297	-0.0004	0.9834	0.9834	0.0000
2023-10-07T16:25:16	1	0	1	1	0	1.0246	1.0245	-0.0001	-0.9999	-1	0.0001
2023-10-07T16:31:11	3	0	29	29	0	1.0451	1.0451	0.0000	-0.9799	-0.9801	0.0002
2023-10-07T16:35:39	1	0	37	37	0	1.0551	1.0551	0.0000	0.9976	0.9976	0.0000
2023-10-07T16:40:16	1	0	1	1	0	1.0284	1.0283	-0.0001	-0.9999	-1	0.0001
2023-10-07T16:53:35	3	0	218	215	3	1.0587	1.0587	0.0000	-0.9691	-0.9691	0.0000
2023-10-07T17:03:57	1	0	7	7	0	0.9734	0.9731	-0.0003	0.9605	0.9602	0.0003
2023-10-07T17:08:58	1	0	244	244	0	1.0595	1.0595	0.0000	-0.9677	-0.9677	0.0000
2023-10-08T07:58:58	1	0	75	73	2	1.0543	1.0542	-0.0001	-0.8427	-0.8418	-0.0009
2023-10-08T08:04:58	1	0	42	42	0	1.0540	1.0540	0.0000	0.9991	0.9991	0.0000
2023-10-08T08:05:06	1	0	53	52	1	1.0528	1.0528	0.0000	-0.9992	-0.9991	-0.0001
2023-10-08T08:10:01	2	0	178	178	0	1.0606	1.0606	0.0000	-0.9997	-0.9997	0.0000
2023-10-08T08:20:07	1	0	202	201	1	1.0600	1.0600	0.0000	-0.9997	-0.9997	0.0000
2023-10-08T08:24:27	1	0	3	3	0	0.9763	0.9766	0.0003	-0.999	0.9993	0.0017
2023-10-08T08:33:19	1	0	61	60	1	0.9338	0.9339	0.0002	0.9631	0.9632	-0.0001
2023-10-08T09:05:34	1	0	5	5	0	0.9991	0.9990	-0.0001	0.9811	0.9811	0.0000
2023-10-08T09:09:08	2	0	2	2	0	1.0475	1.0470	-0.0006	0.9965	0.9963	0.0002
2023-10-08T09:18:08	1	0	4	4	0	1.0051	1.0050	-0.0001	0.9968	0.9969	-0.0001
2023-10-08T09:20:11	1	0	19	19	0	1.0514	1.0513	-0.0001	0.9994	0.9994	0.0000
2023-10-08T09:22:25	1	0	156	156	0	1.0581	1.0580	-0.0001	-0.9785	-0.9786	0.0001
2023-10-08T09:24:54	2	0	26	26	0	1.0500	1.0499	-0.0001	0.969	0.9687	0.0003
2023-10-08T09:25:19	1	0	209	209	0	0.8966	0.8967	0.0001	0.9925	0.9926	-0.0001
2023-10-08T09:27:18	3	0	2	2	0	1.0283	1.0279	-0.0005	-0.9871	-0.9869	-0.0002
2023-10-08T09:27:26	1	0	1	1	0	1.0138	1.0135	-0.0003	0.9996	0.9996	0.0000
2023-10-08T09:28:06	1	0	2	2	0	1.0190	1.0186	-0.0004	0.9873	0.9873	0.0000
2023-10-08T09:28:29	3	0	5	4	1	1.0374	1.0354	-0.0020	-0.9625	-0.9631	0.0006
2023-10-08T09:29:35	1	0	1	1	0	0.9426	0.9430	0.0004	0.9679	0.9686	-0.0007
2023-10-08T09:31:37	1	0	1	1	0	1.0409	1.0405	-0.0004	-0.985	-0.9851	0.0001
2023-10-08T09:33:23	4	0	11	11	0	0.9401	0.9401	0.0001	0.9643	0.965	-0.0007
2023-10-08T09:34:53	2	0	1	1	0	1.0342	1.0337	-0.0005	0.955	0.9538	0.0012
2023-10-08T09:35:15	2	0	15	15	0	1.0476	1.0469	-0.0007	-0.9869	-0.987	0.0001
2023-10-08T09:36:17	1	0	2	2	0	1.0161	1.0159	-0.0003	-0.9983	-0.9983	0.0000
2023-10-08T09:36:39	1	0	5	5	0	1.0238	1.0237	0.0000	0.9966	0.9968	-0.0002
2023-10-08T09:40:30	1	0	3	3	0	1.0180	1.0178	-0.0002	-0.9557	-0.9547	-0.0010
2023-10-08T09:43:54	2	0	5	5	0	1.0443	1.0443	-0.0001	-0.9755	-0.976	0.0005
2023-10-08T09:45:30	1	0	1	1	0	0.8864	0.8867	0.0003	0.999	0.999	0.0000
2023-10-08T09:45:32	7	0	60	60	0	1.0585	1.0578	-0.0007	0.9924	0.9915	0.0009
2023-10-08T09:45:58	2	0	20	18	2	1.0513	1.0512	-0.0001	0.9652	0.9646	0.0006
2023-10-08T09:48:24	1	0	7	7	0	0.9384	0.9384	0.0000	0.9672	0.9672	0.0000
2023-10-08T09:49:39	2	0	1	1	0	1.0458	1.0453	-0.0005	-0.9946	-0.995	0.0004
2023-10-08T09:50:05	5	0	130	122	8	1.0588	1.0587	-0.0001	0.9985	0.9983	0.0002
2023-10-08T09:50:13	1	0	13	13	0	1.0503	1.0502	-0.0001	0.999	0.999	0.0000
2023-10-08T09:50:16	2	0	11	11	0	1.0471	1.0468	-0.0003	-0.9884	-0.9884	0.0000

2023-10-08T09:50:39	1	0	5	5	0	1.0355	1.0354	-0.0001	-0.9812	-0.9815	0.0003
2023-10-08T09:54:33	2	0	2	2	0	1.0502	1.0423	-0.0079	-1	-1	0.0000
2023-10-08T09:55:08	1	0	145	144	1	1.0578	1.0578	0.0000	1	1	0.0000
2023-10-08T09:56:29	3	0	3	3	0	0.9973	0.9969	-0.0004	0.9966	0.9963	0.0003
2023-10-08T09:56:30	1	0	6	6	0	1.0471	1.0471	-0.0001	-0.997	-0.9972	0.0002
2023-10-08T09:57:28	1	0	1	1	0	1.0146	1.0146	0.0000	0.9995	0.9995	0.0000
2023-10-08T09:58:31	1	0	3	3	0	1.0378	1.0378	0.0000	-0.9611	-0.961	-0.0001
2023-10-08T10:00:31	1	0	1	1	0	0.8885	0.8885	0.0000	0.9987	0.9987	0.0000
2023-10-08T10:01:31	3	0	13	13	0	1.0471	1.0466	-0.0005	-0.948	-0.9484	0.0004
2023-10-08T10:02:13	1	0	2	2	0	1.0229	1.0225	-0.0005	0.9985	0.9985	0.0000
2023-10-08T10:03:11	1	0	4	4	0	1.0037	1.0037	0.0000	0.9963	0.9964	-0.0001
2023-10-08T10:03:25	3	0	4	4	0	0.9556	0.9559	0.0003	0.9686	0.9691	-0.0005
2023-10-08T10:04:10	3	0	2	2	0	1.0041	1.0043	0.0002	0.9903	0.9903	0.0000
2023-10-08T10:04:40	2	0	2	0	2	1.0505	null	null	-0.9915	-0.992	0.0005
2023-10-08T10:04:48	2	0	1	1	0	1.0374	1.0367	-0.0007	-0.9999	-0.9999	0.0000
2023-10-08T10:04:55	2	0	3	3	0	1.0474	1.0469	-0.0005	-0.8042	-0.8055	0.0013
2023-10-08T10:05:06	6	0	99	92	7	1.0564	1.0561	-0.0003	0.9965	0.9962	0.0003
2023-10-08T10:05:14	2	0	16	16	0	1.0502	1.0498	-0.0004	0.9986	0.9985	0.0001
2023-10-08T10:05:17	3	0	10	7	3	1.0470	1.0468	-0.0002	-0.9906	-0.9908	0.0002
2023-10-08T10:05:38	1	0	7	7	0	0.9924	0.9922	-0.0002	0.9795	0.9794	0.0001
2023-10-08T10:05:40	1	0	4	4	0	1.0373	1.0372	-0.0001	-0.987	-0.9873	0.0003
2023-10-08T10:06:19	1	0	3	3	0	1.0318	1.0311	-0.0007	-0.9978	-0.9979	0.0001
2023-10-08T10:06:41	2	0	8	8	0	1.0300	1.0299	-0.0001	-0.9998	-0.9997	-0.0001
2023-10-08T10:09:15	1	0	11	15	-4	1.0327	1.0345	0.0018	0.9746	0.9753	-0.0007
2023-10-08T10:09:34	2	0	2	2	0	1.0425	1.0421	-0.0004	1	1	0.0000
2023-10-08T10:09:57	2	0	24	23	1	1.0487	1.0487	0.0000	0.9655	0.9649	0.0006
2023-10-08T10:10:09	3	0	157	153	4	1.0596	1.0593	-0.0003	-1	-1	0.0000
2023-10-08T10:10:22	1	0	213	213	0	0.9033	0.9034	0.0001	0.9859	0.986	-0.0001
2023-10-08T10:11:30	1	0	2	2	0	0.9825	0.9823	-0.0002	0.997	0.9968	0.0002
2023-10-08T10:12:08	2	0	2	2	0	0.9901	0.9903	0.0002	-0.9822	-0.9818	-0.0004
2023-10-08T10:13:56	2	0	6	6	0	1.0458	1.0457	-0.0001	-0.9841	-0.9847	0.0006
2023-10-08T10:14:07	1	0	12	7	5	1.0536	1.0517	-0.0019	-0.8662	-0.8662	0.0000
2023-10-08T10:14:10	1	0	10	10	0	1.0443	1.0442	-0.0001	-0.9691	-0.9691	0.0000
2023-10-08T10:15:18	3	0	3	3	0	1.0342	1.0329	-0.0013	-0.9939	-0.9941	0.0002
2023-10-08T10:15:34	7	0	16	13	3	1.0503	1.0491	-0.0011	0.9907	0.9898	0.0009
2023-10-08T10:15:57	1	0	8	8	0	1.0417	1.0416	-0.0001	-0.9967	-0.9967	0.0000
2023-10-08T10:16:57	2	0	8	8	0	1.0218	1.0215	-0.0002	0.9974	0.9974	0.0000
2023-10-08T10:17:45	1	0	9	7	2	1.0453	1.0453	0.0000	0.9665	0.9666	-0.0001
2023-10-08T10:18:51	7	0	18	14	4	1.0448	1.0418	-0.0030	-0.9948	-0.995	0.0002
2023-10-08T10:20:15	1	0	22	22	0	1.0488	1.0487	-0.0001	0.9979	0.9979	0.0000
2023-10-08T10:20:18	10	0	9	7	2	1.0445	1.0438	-0.0007	-0.9918	-0.9922	0.0004
2023-10-08T10:20:31	3	0	1	1	0	1.0045	1.0034	-0.0011	-1	-1	0.0000
2023-10-08T10:20:34	1	0	1	1	0	1.0409	1.0405	-0.0004	-0.9989	-0.9988	-0.0001
2023-10-08T10:22:29	3	0	166	160	6	1.0596	1.0589	-0.0007	-0.977	-0.9774	0.0004
2023-10-08T10:24:13	2	0	150	133	17	1.0632	1.0612	-0.0019	0.9964	0.9958	0.0006
2023-10-08T10:24:46	1	0	4	4	0	1.0208	1.0206	-0.0002	-0.9976	-0.9976	0.0000
2023-10-08T10:25:23	1	0	25	25	0	1.0493	1.0492	-0.0001	0.9979	0.9979	0.0000
2023-10-08T10:25:23	2	0	495	208	287	1.0558	1.0216	-0.0342	0.9608	0.9534	0.0074
2023-10-08T10:25:30	1	0	3	3	0	0.9997	0.9996	-0.0001	-0.9597	-0.9597	0.0000
2023-10-08T10:25:37	1	0	1	1	0	1.0249	1.0246	-0.0003	-0.9997	-1	0.0003
2023-10-08T10:26:31	1	0	3	3	0	1.0064	1.0058	-0.0005	0.9986	0.9986	0.0000
2023-10-08T10:27:09	2	0	1	1	0	0.9911	0.9917	0.0006	-0.9802	-0.98	-0.0002
2023-10-08T10:28:10	1	0	1	1	0	1.0177	1.0170	-0.0007	0.9861	0.9859	0.0002
2023-10-08T10:31:01	1	0	67	65	2	1.0565	1.0564	0.0000	0.9643	0.9641	0.0002
2023-10-08T10:33:51	1	0	8	8	0	1.0367	1.0366	-0.0001	-0.9959	-0.9959	0.0000
2023-10-08T10:37:35	1	0	1	1	0	1.0555	1.0551	-0.0004	0.9993	0.9992	0.0001
2023-10-08T10:39:14	1	0	143	137	6	1.0567	1.0565	-0.0002	1	1	0.0000
2023-10-08T10:42:51	1	0	46	46	0	1.0538	1.0538	0.0000	0.9969	0.9968	0.0001
2023-10-08T10:43:34	1	0	2	1	1	1.0446	1.0551	0.0105	-0.9554	-0.9568	0.0014
2023-10-08T10:44:40	1	0	1	1	0	0.9416	0.9426	0.0010	0.966	0.9668	-0.0008
2023-10-08T10:44:47	1	0	10	10	0	1.0440	1.0440	0.0000	-0.9735	-0.9734	-0.0001
2023-10-08T10:45:43	1	0	28	28	0	1.0483	1.0483	0.0000	-0.9964	-0.9965	0.0001
2023-10-08T10:46:29	1	0	3	3	0	1.0567	1.0565	-0.0002	0.9986	0.9985	0.0001
2023-10-08T10:46:42	1	0	1	1	0	1.0394	1.0387	-0.0007	-0.9887	-0.9888	0.0001
2023-10-08T10:46:59	1	0	12	12	0	1.0241	1.0240	-0.0001	0.9967	0.9969	-0.0002
2023-10-08T10:49:24	1	0	255	255	0	0.8087	0.8088	0.0001	0.9506	0.9505	0.0001
2023-10-08T10:49:58	2	0	4	4	0	1.0130	1.0120	-0.0010	0.9337	0.9319	0.0018
2023-10-08T10:50:17	2	0	35	34	1	1.0531	1.0530	-0.0001	0.998	0.9979	0.0001
2023-10-08T10:54:48	1	0	4	4	0	1.0227	1.0227	-0.0001	-0.9974	-0.9975	0.0001
2023-10-08T10:55:12	1	0	126	125	1	1.0575	1.0575	0.0000	0.9999	0.9999	0.0000
2023-10-08T10:55:25	1	0	469	221	248	1.0123	0.9381	-0.0741	0.92	0.9105	0.0095
2023-10-08T10:56:46	1	0	89	88	1	0.9170	0.9170	0.0000	-0.9798	-0.9791	-0.0007
2023-10-08T10:58:30	1	0	1	1	0	1.0362	1.0358	-0.0004	0.9757	0.9697	0.0060
2023-10-08T11:01:16	2	0	5	5	0	1.0423	1.0417	-0.0006	0.9963	0.9961	0.0002
2023-10-08T11:01:30	2	0	32	31	1	1.0538	1.0536	-0.0002	-0.9987	-0.9987	0.0000
2023-10-08T11:03:15	1	0	7	7	0	1.0243	1.0242	-0.0001	0.9954	0.9956	-0.0002
2023-10-08T11:04:17	1	0	7	7	0	1.0415	1.0411	-0.0004	-0.9968	-0.9968	0.0000
2023-10-08T11:05:21	4	0	5	3	2	1.0499	1.0457	-0.0042	-0.9898	-0.9902	0.0004
2023-10-08T11:05:34	1	0	2	2	0	1.0080	1.0076	-0.0004	1	0.9999	0.0001
2023-10-08T11:05:44	2	0	6	6	0	1.0369	1.0366	-0.0003	0.9994	0.9992	0.0002
2023-10-08T11:07:03	1	0	8	8	0	1.0440	1.0439	-0.0001	-0.9867	-0.9868	0.0001
2023-10-08T11:07:36	3	0	2	0	2	1.0366	null	null	-0.9739	-0.9745	0.0006
2023-10-08T11:09:19	2	0	15	15	0	1.0297	1.0295	-0.0001	0.9724	0.9723	0.0001
2023-10-08T11:10:13	1	0	155	153	2	1.0591	1.0590	0.0000	1	1	0.0000
2023-10-08T11:11:26	1	0	19	18	1	1.0504	1.0502	-0.0003	-0.9346	-0.9342	-0.0004

2023-10-08T11:12:54	1	0	69	69	0	1.0546	1.0546	0.0000	0.9993	0.9993	0.0000
2023-10-08T11:15:45	3	0	34	34	0	1.0479	1.0479	0.0000	-0.9972	-0.9975	0.0003
2023-10-08T11:16:04	1	0	32	31	1	1.0555	1.0554	-0.0001	0.9614	0.9605	0.0009
2023-10-08T11:16:24	3	0	8	8	0	1.0353	1.0350	-0.0003	0.9889	0.9885	0.0004
2023-10-08T11:16:36	9	0	10	9	1	1.0469	1.0466	-0.0004	-0.951	-0.952	0.0010
2023-10-08T11:18:30	2	0	3	2	1	1.0225	0.9974	-0.0251	0.9731	0.972	0.0011
2023-10-08T11:19:42	1	0	6	6	0	1.0315	1.0312	-0.0003	-0.9967	-0.9967	0.0000
2023-10-08T11:20:00	2	0	5	5	0	1.0508	1.0506	-0.0002	-0.8273	-0.8283	0.0010
2023-10-08T11:20:22	10	0	5	4	1	1.0497	1.0478	-0.0019	-0.9888	-0.9892	0.0004
2023-10-08T11:22:09	2	0	16	14	2	1.0494	1.0492	-0.0002	-0.9508	-0.9508	0.0000
2023-10-08T11:25:37	3	0	5	1	4	1.0292	1.0146	-0.0146	-0.9787	-0.9867	0.0080
2023-10-08T11:26:38	1	0	2	2	0	1.0738	1.0732	-0.0006	-0.9863	-0.9864	0.0001
2023-10-08T11:28:32	1	0	2	2	0	1.0335	1.0334	-0.0001	0.9776	0.9824	-0.0048
2023-10-08T11:29:52	2	0	10	10	0	1.0450	1.0449	-0.0001	-0.975	-0.975	0.0000
2023-10-08T11:33:00	2	0	1	0	1	1.0554	null	null	0.9676	0.9675	0.0001
2023-10-08T11:33:39	1	0	1	0	1	1.0223	null	null	-0.9936	-0.9937	0.0001
2023-10-08T11:34:27	1	0	3	3	0	1.0467	1.0467	0.0000	0.9726	0.9726	0.0000
2023-10-08T11:34:58	2	0	1	1	0	1.0258	1.0257	-0.0001	-0.9998	-0.9998	0.0000
2023-10-08T11:35:13	9	0	12	13	-1	1.0442	1.0450	0.0008	-0.997	-0.997	0.0000
2023-10-08T11:35:44	1	0	5	5	0	1.0018	1.0018	0.0000	0.9787	0.9788	-0.0001
2023-10-08T11:36:47	1	0	8	9	-1	1.0349	1.0372	0.0023	0.9942	0.9946	-0.0004
2023-10-08T11:39:18	3	0	2	2	0	1.0516	1.0512	-0.0004	-0.9997	-0.9998	0.0001
2023-10-08T11:40:41	4	0	3	3	0	1.0055	1.0054	-0.0001	-0.9997	0.9998	0.0005
2023-10-08T11:42:01	2	0	4	4	0	1.0541	1.0541	0.0000	-0.9981	-0.998	-0.0001
2023-10-08T11:42:35	2	0	4	4	0	1.0175	1.0175	0.0000	0.999	0.999	0.0000
2023-10-08T11:43:38	2	0	5	5	0	1.0394	1.0366	-0.0029	-0.9533	-0.9539	0.0006
2023-10-08T11:45:40	1	0	9	9	0	1.0579	1.0575	-0.0004	0.9108	0.9458	-0.0350
2023-10-08T11:46:26	3	0	7	7	0	1.0371	1.0371	0.0000	0.9883	0.9881	0.0002
2023-10-08T11:49:01	2	0	10	9	1	1.0474	1.0463	-0.0011	0.9665	0.9665	0.0000
2023-10-08T11:49:28	1	0	3	3	0	1.0480	1.0479	0.0000	0.9721	0.9721	0.0000
2023-10-08T11:49:47	2	0	1	2	-1	1.0646	1.0549	-0.0097	-0.9903	-0.9897	-0.0006
2023-10-08T11:49:59	2	0	3	3	0	1.0437	1.0436	0.0000	-0.9999	-0.9999	0.0000
2023-10-08T11:50:45	1	0	5	5	0	1.0002	1.0002	0.0000	0.9779	0.9781	-0.0002
2023-10-08T12:04:29	1	0	2	2	0	1.0530	1.0530	0.0000	0.9712	0.9712	0.0000
2023-10-08T12:04:48	2	0	2	3	-1	1.0546	1.0549	0.0003	-0.9946	-0.9943	-0.0003
2023-10-08T12:05:46	1	0	5	5	0	1.0036	1.0036	0.0000	0.9787	0.9789	-0.0002
2023-10-08T12:12:34	1	0	87	87	0	1.0922	1.0917	-0.0006	0.9824	0.976	0.0064
2023-10-08T12:13:40	3	0	5	7	-2	1.0380	1.0429	0.0048	-0.9568	-0.9554	-0.0014
2023-10-08T12:16:28	3	0	6	7	-1	1.0309	1.0302	-0.0007	0.9886	0.9884	0.0002
2023-10-08T12:20:46	8	0	8	9	-1	1.0386	1.0409	0.0023	-0.9979	-0.9978	-0.0001
2023-10-08T12:22:16	1	0	6	7	-1	1.0246	1.0291	0.0045	0.9945	0.995	-0.0005
2023-10-08T12:30:43	1	0	63	63	0	1.0599	1.0595	-0.0003	0.9901	0.9904	-0.0003
2023-10-08T12:39:22	3	0	7	1	6	1.0571	1.0566	-0.0005	0.9986	0.9686	0.0300
2023-10-08T12:42:57	1	0	25	25	0	1.0546	1.0545	-0.0001	0.995	0.995	0.0000
2023-10-08T12:45:44	1	0	57	54	3	1.0581	1.0578	-0.0003	0.9897	0.9899	-0.0002
2023-10-08T12:50:49	1	0	5	6	-1	0.9997	1.0006	0.0010	0.9785	0.9787	-0.0002
2023-10-08T12:58:38	1	0	3	3	0	1.0423	1.0423	-0.0001	0.9776	0.9778	-0.0002
2023-10-08T13:00:45	7	0	64	63	1	1.0641	1.0630	-0.0011	0.9907	0.9896	0.0011
2023-10-08T13:05:54	1	0	6	6	0	1.0016	1.0014	-0.0002	0.9785	0.9784	0.0001
2023-10-08T13:22:55	1	0	39	38	1	1.0472	1.0469	-0.0002	-0.9848	-0.9845	-0.0003
2023-10-08T13:25:45	3	0	4	5	-1	1.0301	1.0280	-0.0021	-0.9693	-0.9678	-0.0015
2023-10-08T13:25:48	2	0	7	8	-1	1.0580	1.0581	0.0000	-0.9997	-0.9997	0.0000
2023-10-08T13:36:00	1	0	7	7	0	1.0410	1.0410	-0.0001	-0.9966	-0.9966	0.0000
2023-10-08T13:45:48	7	0	5	5	0	1.0396	1.0389	-0.0007	0.951	0.9526	-0.0016
2023-10-08T13:46:59	1	0	38	37	1	1.0485	1.0483	-0.0002	-0.9306	-0.9304	-0.0002
2023-10-08T13:48:40	1	0	7	6	1	1.0446	1.0417	-0.0029	0.9719	0.9717	0.0002
2023-10-08T13:49:59	2	0	5	4	1	1.0571	1.0562	-0.0009	-0.99	-0.9902	0.0002
2023-10-08T13:54:27	1	0	14	1	13	1.0587	1.0600	0.0013	0.9971	0.9776	0.0195
2023-10-08T13:55:51	3	0	2	2	0	1.0405	1.0400	-0.0005	0.9999	1	-0.0001
2023-10-08T14:01:02	1	0	16	12	4	1.0518	1.0502	-0.0016	0.9547	0.954	0.0007
2023-10-08T14:01:42	1	0	59	59	0	1.0578	1.0578	0.0000	-0.9986	-0.9986	0.0000
2023-10-08T14:02:58	1	0	7	7	0	1.0303	1.0302	-0.0001	0.9723	0.9721	0.0002
2023-10-08T14:04:26	3	0	3	3	0	1.0247	1.0247	0.0000	0.9884	0.9883	0.0001
2023-10-08T14:05:11	2	0	30	30	0	0.9458	0.9458	0.0000	0.915	0.9141	0.0009
2023-10-08T14:05:46	4	0	1	1	0	1.0071	1.0065	-0.0006	0.9995	0.9995	0.0000
2023-10-08T14:06:35	3	0	13	13	0	1.0455	1.0453	-0.0002	-0.9967	-0.9967	0.0000
2023-10-08T14:09:28	2	0	1	1	0	1.0557	1.0553	-0.0004	0.9971	0.9893	0.0078
2023-10-08T14:10:48	2	0	1	1	0	1.0242	1.0234	-0.0008	-0.9672	-0.9762	0.0090
2023-10-08T14:10:51	4	0	4	4	0	1.0508	1.0500	-0.0008	-0.9997	1	0.0003
2023-10-08T14:12:42	1	0	88	88	0	1.1184	1.1181	-0.0003	0.9823	0.9823	0.0000
2023-10-08T14:13:48	3	0	2	2	0	1.0631	1.0623	-0.0009	-0.9844	-0.9845	0.0001
2023-10-08T14:15:47	2	0	45	45	0	0.9329	0.9328	0.0000	0.9978	0.9977	0.0001
2023-10-08T14:15:59	4	0	44	44	0	1.0518	1.0518	0.0000	-0.9968	-0.9967	-0.0001
2023-10-08T14:16:03	1	0	41	40	1	1.0589	1.0587	-0.0002	0.954	0.9535	0.0005
2023-10-08T14:16:13	3	0	12	12	0	1.0439	1.0438	-0.0001	-0.9955	-0.9955	0.0000
2023-10-08T14:17:59	1	0	7	7	0	1.0285	1.0285	-0.0001	0.9709	0.9709	0.0000
2023-10-08T14:18:49	1	0	11	10	1	1.0520	1.0515	-0.0005	0.9997	0.9997	0.0000
2023-10-08T14:20:09	2	0	4	4	0	1.0410	1.0409	-0.0001	-1	-1	0.0000
2023-10-08T14:20:12	2	0	12	12	0	1.0462	1.0460	-0.0002	0.9442	0.9441	0.0001
2023-10-08T14:20:51	2	0	6	6	0	1.0428	1.0428	-0.0001	-0.999	-0.999	0.0000
2023-10-08T14:21:01	3	0	6	6	0	1.0441	1.0441	0.0000	-0.9906	-0.9907	0.0001
2023-10-08T14:22:05	5	0	5	5	0	1.0438	1.0431	-0.0007	-0.9955	-0.9956	0.0001
2023-10-08T14:24:29	2	0	1	1	0	1.0554	1.0553	-0.0001	0.9963	0.9877	0.0086
2023-10-08T14:25:49	3	0	1	1	0	1.0353	1.0345	-0.0008	-0.9653	-0.9746	0.0093
2023-10-08T14:25:52	5	0	3	3	0	1.0483	1.0476	-0.0007	-0.9998	1	0.0002

2023-10-08T14:26:39	1	0	18	17	1	1.0497	1.0493	-0.0004	-0.9366	-0.9363	-0.0003
2023-10-08T14:27:12	2	0	2	2	0	1.0579	1.0578	-0.0001	-1	-1	0.0000
2023-10-08T14:27:43	1	0	14	13	1	1.0424	1.0413	-0.0012	0.981	0.981	0.0000
2023-10-08T14:27:46	1	0	1	1	0	1.0180	1.0179	-0.0001	0.9992	0.9991	0.0001
2023-10-08T14:28:44	1	0	3	3	0	1.0415	1.0413	-0.0001	0.9775	0.9824	-0.0049
2023-10-08T14:30:48	2	0	45	44	1	0.9322	0.9261	-0.0061	0.9986	0.9986	0.0000
2023-10-08T14:31:00	3	0	49	49	0	1.0501	1.0502	0.0001	-0.9956	-0.9957	0.0001
2023-10-08T14:31:04	1	0	10	10	0	1.0513	1.0512	-0.0001	0.9558	0.9553	0.0005
2023-10-08T14:31:14	2	0	10	10	0	1.0436	1.0434	-0.0002	-0.996	-0.996	0.0000
2023-10-08T14:31:44	1	0	17	16	1	1.0524	1.0522	-0.0002	0.9996	0.9996	0.0000
2023-10-08T14:33:53	2	0	1	1	0	1.0265	1.0262	-0.0003	-0.9932	-0.9933	0.0001
2023-10-08T14:33:55	1	0	3	3	0	1.0664	1.0661	-0.0003	0.9833	0.983	0.0003
2023-10-08T14:35:35	10	0	15	15	0	1.0467	1.0465	-0.0002	-0.9912	-0.9916	0.0004
2023-10-08T14:35:52	2	0	6	6	0	1.0432	1.0431	0.0000	-0.9986	-0.9987	0.0001
2023-10-08T14:36:00	1	0	8	8	0	1.0081	1.0081	0.0000	0.9775	0.9776	-0.0001
2023-10-08T14:36:02	3	0	5	5	0	1.0427	1.0426	-0.0001	-0.9879	-0.9881	0.0002
2023-10-08T14:36:37	1	0	7	7	0	1.0488	1.0486	-0.0002	-0.9834	-0.9835	0.0001
2023-10-08T14:37:25	2	0	83	82	1	1.0519	1.0517	-0.0002	0.9941	0.9941	0.0000
2023-10-08T14:37:46	1	0	138	130	8	1.0569	1.0568	-0.0001	-0.9763	-0.9765	0.0002
2023-10-08T14:38:34	1	0	8	8	0	1.0494	1.0493	-0.0001	0.9924	0.9923	0.0001
2023-10-08T14:39:30	2	0	1	1	0	1.0569	1.0568	-0.0001	0.9975	0.9974	0.0001
2023-10-08T14:40:55	3	0	3	3	0	1.0280	1.0280	0.0000	-0.9585	-0.9584	-0.0001
2023-10-08T14:40:55	4	0	3	3	0	1.0496	1.0495	-0.0001	-0.9997	-0.9997	0.0000
2023-10-08T14:42:13	2	0	3	3	0	1.0579	1.0579	0.0000	-0.9987	-0.9987	0.0000
2023-10-08T14:43:17	1	0	1	1	0	1.0166	1.0166	0.0000	0.999	0.999	0.0000
2023-10-08T14:43:45	1	0	2	2	0	1.0372	1.0372	0.0000	0.9782	0.9782	0.0000
2023-10-08T14:43:51	1	0	1	1	0	1.0593	1.0591	-0.0002	-0.9865	-0.9865	0.0000
2023-10-08T14:45:05	2	0	17	15	2	1.0478	1.0481	0.0003	-0.9692	-0.9693	0.0001
2023-10-08T14:45:36	2	0	1	0	1	1.0559	null	null	-0.987	-0.9871	0.0001
2023-10-08T14:46:01	1	0	47	47	0	1.0504	1.0504	0.0000	-0.9959	-0.9959	0.0000
2023-10-08T14:46:45	2	0	62	60	2	1.0578	1.0576	-0.0002	-0.9994	-0.9994	0.0000
2023-10-08T14:46:50	1	0	12	12	0	1.0484	1.0483	-0.0001	-0.9937	-0.9938	0.0001
2023-10-08T14:48:53	1	0	14	14	0	1.0529	1.0529	0.0000	0.9998	0.9998	0.0000
2023-10-08T14:50:11	2	0	3	3	0	1.0457	1.0455	-0.0002	-0.9999	-0.9999	0.0000
2023-10-08T14:50:14	2	0	17	18	-1	0.9640	0.9688	0.0048	0.9114	0.9101	0.0013
2023-10-08T14:50:49	3	0	1	0	1	1.0040	null	null	0.9998	0.9997	0.0001
2023-10-08T14:51:47	2	0	11	11	0	0.9979	0.9977	-0.0002	0.8687	0.8674	0.0013
2023-10-08T14:52:41	9	0	10	9	1	1.0433	1.0415	-0.0018	-0.9962	-0.9963	0.0001
2023-10-08T14:52:55	3	0	3	3	0	1.0455	1.0455	0.0000	-0.9677	-0.9677	0.0000
2023-10-08T14:55:55	1	0	5	5	0	1.0208	1.0205	-0.0003	-0.9672	-0.9673	0.0001
2023-10-08T15:00:52	2	0	45	45	0	0.9276	0.9276	0.0000	0.999	0.999	0.0000
2023-10-08T15:03:02	1	0	3	3	0	1.0208	1.0208	0.0000	0.969	0.9612	0.0078
2023-10-08T15:05:04	2	0	2	2	0	1.0538	1.0536	-0.0003	-0.9945	-0.9949	0.0004
2023-10-08T15:05:15	1	0	58	56	2	0.9420	0.9421	0.0001	0.9009	0.9136	-0.0127
2023-10-08T15:05:27	3	0	3	3	0	1.0289	1.0285	-0.0004	0.9855	0.9849	0.0006
2023-10-08T15:05:53	4	0	1	1	0	1.0059	1.0054	-0.0005	-0.9999	-1	0.0001
2023-10-08T15:08:46	1	0	192	191	1	1.0539	1.0539	0.0000	0.9884	0.9884	0.0000
2023-10-08T15:10:16	1	0	11	11	0	1.0430	1.0430	0.0000	0.9645	0.9641	0.0004
2023-10-08T15:10:56	1	0	1	1	0	1.0272	1.0270	-0.0002	-0.9723	-0.9717	-0.0006
2023-10-08T15:15:08	1	0	21	21	0	1.0480	1.0480	-0.0001	-0.9675	-0.9676	0.0001
2023-10-08T15:16:07	7	0	44	34	10	1.0558	1.0551	-0.0007	0.9908	0.9902	0.0006
2023-10-08T15:16:20	1	0	208	207	1	1.0608	1.0608	0.0000	0.957	0.957	0.0000
2023-10-08T15:20:53	1	0	6	6	0	1.0103	1.0097	-0.0006	0.9944	0.9994	-0.0050
2023-10-08T15:25:58	1	0	1	1	0	1.0179	1.0178	-0.0001	1	1	0.0000
2023-10-08T15:35:54	2	0	9	9	0	1.0075	1.0072	-0.0003	0.9985	-0.9999	-0.0016
2023-10-08T15:40:59	1	0	2	2	0	1.0408	1.0403	-0.0006	-1	0.9999	0.0001
2023-10-08T15:41:57	4	0	6	6	0	1.0201	1.0197	-0.0004	0.9965	0.997	-0.0005
2023-10-08T15:43:12	1	0	90	90	0	1.0574	1.0573	-0.0001	0.9985	0.9985	0.0000
2023-10-08T15:45:01	1	0	2	2	0	0.9795	0.9793	-0.0002	0.9722	0.9729	-0.0007
2023-10-08T15:46:09	1	0	40	30	10	1.0562	1.0553	-0.0008	0.9593	0.9582	0.0011
2023-10-08T15:46:54	4	0	10	10	0	1.0451	1.0451	0.0000	-0.9604	-0.9609	0.0005
2023-10-08T15:48:48	2	0	33	36	-3	0.9562	0.9641	0.0080	0.969	0.9698	-0.0008
2023-10-08T15:55:45	1	0	225	225	0	0.9411	0.9413	0.0002	0.9858	0.986	-0.0002
2023-10-08T15:55:59	1	0	3	3	0	1.0217	1.0215	-0.0003	-0.9665	-0.9665	0.0000
2023-10-08T16:11:01	1	0	1	1	0	1.0230	1.0229	-0.0001	0.9999	0.9999	0.0000
2023-10-08T16:11:59	1	0	3	3	0	1.0080	1.0079	-0.0001	0.999	0.9987	0.0003
2023-10-08T16:17:59	1	0	10	10	0	1.0417	1.0417	0.0000	-0.9971	-0.9971	0.0000
2023-10-08T16:26:02	1	0	3	3	0	0.9698	0.9713	0.0015	-0.9998	0.9967	0.0035
2023-10-08T16:48:54	1	0	20	20	0	0.9860	0.9859	-0.0001	0.973	0.9727	0.0003
2023-10-09T07:50:03	1	0	17	17	0	0.9427	0.9429	0.0001	1	1	0.0000
2023-10-09T07:58:53	1	0	64	64	0	1.0543	1.0542	-0.0001	-0.9007	-0.9001	-0.0006
2023-10-09T08:04:29	2	0	19	17	2	1.0501	1.0495	-0.0006	-0.9919	-0.9919	0.0000
2023-10-09T08:06:31	1	0	16	15	1	1.0500	1.0500	-0.0001	0.9842	0.9846	-0.0004
2023-10-09T08:09:57	3	0	212	209	3	1.0579	1.0579	0.0000	-1	-1	0.0000
2023-10-09T08:21:32	1	0	29	29	0	1.0464	1.0463	-0.0001	0.9846	0.9844	0.0002
2023-10-09T08:28:55	1	0	170	169	1	1.0589	1.0589	0.0000	-0.8986	-0.8983	-0.0003
2023-10-09T08:33:15	1	0	4	4	0	0.9573	0.9577	0.0005	0.9592	0.9592	0.0000
2023-10-09T08:34:44	1	0	35	35	0	0.9424	0.9424	0.0000	0.9599	0.9598	0.0001
2023-10-09T08:39:37	1	0	1	1	0	1.0193	1.0193	0.0000	0.9942	0.9932	0.0010
2023-10-09T08:40:25	1	0	1	1	0	1.0306	1.0302	-0.0004	-0.9552	-0.9548	-0.0004
2023-10-09T08:52:55	3	0	348	347	1	1.0606	1.0606	0.0000	-0.983	-0.983	0.0000
2023-10-09T08:58:57	1	0	170	169	1	1.0601	1.0601	0.0000	-0.9268	-0.9264	-0.0004
2023-10-09T09:03:17	1	0	14	14	0	1.0345	1.0345	-0.0001	0.9874	0.9873	0.0001
2023-10-09T09:04:33	2	0	16	14	2	1.0496	1.0488	-0.0008	-0.9936	-0.9936	0.0000
2023-10-09T09:05:32	1	0	7	7	0	1.0081	1.0080	0.0000	0.9763	0.9763	0.0000

2023-10-09T09:13:27	3	0	5	5	0	1.0362	1.0358	-0.0004	-0.9895	-0.9897	0.0002
2023-10-09T09:17:05	2	0	6	6	0	1.0327	1.0325	-0.0001	0.9776	0.9776	0.0000
2023-10-09T09:17:21	1	0	6	6	0	1.0051	1.0050	-0.0001	0.9773	0.9771	0.0002
2023-10-09T09:18:08	1	0	9	9	0	1.0187	1.0186	-0.0001	0.992	0.992	0.0000
2023-10-09T09:18:18	1	0	19	18	1	1.0385	1.0374	-0.0010	0.9768	0.9767	0.0001
2023-10-09T09:19:34	2	0	24	20	4	1.0517	1.0508	-0.0009	-0.9922	-0.9923	0.0001
2023-10-09T09:24:09	2	0	82	59	23	1.0559	1.0555	-0.0004	0.9833	0.9829	0.0004
2023-10-09T09:24:40	3	0	3	2	1	1.0373	1.0165	-0.0208	0.9978	0.9966	0.0012
2023-10-09T09:25:55	2	0	61	59	2	0.9337	0.9391	0.0054	0.999	0.999	0.0000
2023-10-09T09:28:03	1	0	6	6	0	1.0282	1.0280	-0.0002	0.9985	0.9985	0.0000
2023-10-09T09:28:19	1	0	19	19	0	1.0442	1.0442	-0.0001	0.9997	0.9997	0.0000
2023-10-09T09:33:43	1	0	8	8	0	1.0401	1.0399	-0.0002	0.997	0.997	0.0000
2023-10-09T09:36:13	1	0	2	2	0	1.0208	1.0205	-0.0003	1	1	0.0000
2023-10-09T09:36:35	1	0	1	1	0	0.9414	0.9423	0.0009	-0.9998	-0.9997	-0.0001
2023-10-09T09:38:22	1	0	354	351	3	1.0567	1.0567	0.0000	0.9871	0.987	0.0001
2023-10-09T09:39:41	1	0	2	2	0	0.9919	0.9920	0.0001	0.9951	0.9952	-0.0001
2023-10-09T09:43:47	2	0	2	2	0	1.0346	1.0343	-0.0003	-0.9947	-0.9949	0.0002
2023-10-09T09:45:28	1	0	1	1	0	0.8975	0.8978	0.0003	0.9924	0.9924	0.0000
2023-10-09T09:46:16	1	0	11	11	0	1.0347	1.0347	-0.0001	0.9883	0.9878	0.0005
2023-10-09T09:47:23	1	0	2	2	0	1.0188	1.0188	0.0000	0.9803	0.9803	0.0000
2023-10-09T09:48:10	1	0	4	4	0	1.0027	1.0027	0.0000	0.9887	0.9887	0.0000
2023-10-09T09:48:20	1	0	19	19	0	1.0380	1.0380	0.0000	0.9764	0.9764	0.0000
2023-10-09T09:49:44	2	0	7	7	0	1.0345	1.0344	-0.0001	0.9846	0.9846	0.0000
2023-10-09T09:50:39	1	0	4	4	0	1.0314	1.0313	-0.0001	0.9994	0.9994	0.0000
2023-10-09T09:51:38	1	0	11	11	0	1.0426	1.0426	0.0000	0.9807	0.9807	0.0000
2023-10-09T09:54:42	1	0	2	2	0	1.0191	1.0182	-0.0009	0.9966	0.9965	0.0001
2023-10-09T09:54:44	1	0	1	1	0	1.0085	1.0081	-0.0004	0.9991	0.9991	0.0000
2023-10-09T09:55:57	1	0	2	2	0	0.9437	0.9442	0.0004	-1	-1	0.0000
2023-10-09T09:56:29	2	0	11	10	1	1.0476	1.0474	-0.0002	1	1	0.0000
2023-10-09T09:57:51	1	0	2	2	0	1.0161	1.0158	-0.0003	0.9992	0.9991	0.0001
2023-10-09T09:59:06	1	0	172	171	1	1.0627	1.0627	0.0000	-0.9044	-0.904	-0.0004
2023-10-09T09:59:59	1	0	46	45	1	1.0521	1.0521	-0.0001	0.9884	0.9884	0.0000
2023-10-09T10:00:29	1	0	1	1	0	0.9115	0.9115	0.0000	0.9946	0.9946	0.0000
2023-10-09T10:00:34	1	0	1	1	0	1.0277	1.0273	-0.0004	0.9907	0.99	0.0007
2023-10-09T10:02:09	1	0	62	61	1	1.0526	1.0525	-0.0001	0.9755	0.9755	0.0000
2023-10-09T10:02:38	2	0	22	20	2	1.0472	1.0462	-0.0010	0.9578	0.9577	0.0001
2023-10-09T10:04:37	2	0	14	12	2	1.0507	1.0492	-0.0015	-0.993	-0.9934	0.0004
2023-10-09T10:04:45	2	0	5	5	0	1.0279	1.0277	-0.0002	0.9822	0.982	0.0002
2023-10-09T10:05:09	2	0	30	28	2	1.0554	1.0552	-0.0002	0.9768	0.9767	0.0001
2023-10-09T10:05:12	1	0	4	4	0	0.9440	0.9444	0.0003	0.9999	1	-0.0001
2023-10-09T10:05:14	4	0	27	27	0	1.0506	1.0503	-0.0003	1	1	0.0000
2023-10-09T10:05:36	1	0	6	6	0	0.9919	0.9917	-0.0002	0.9765	0.9764	0.0001
2023-10-09T10:06:15	1	0	4	4	0	1.0122	1.0117	-0.0005	0.9997	0.9997	0.0000
2023-10-09T10:06:37	1	0	1	1	0	0.9376	0.9389	0.0013	-0.9997	-0.9996	-0.0001
2023-10-09T10:06:39	1	0	30	28	2	1.0475	1.0465	-0.0010	0.99	0.9899	0.0001
2023-10-09T10:08:00	6	0	473	468	5	1.0633	1.0633	-0.0001	-0.9791	-0.9792	0.0001
2023-10-09T10:08:10	3	0	95	92	3	0.9200	0.9209	0.0009	0.9879	0.9882	-0.0003
2023-10-09T10:09:12	2	0	39	15	24	1.0562	1.0551	-0.0011	0.9833	0.9825	0.0008
2023-10-09T10:09:32	1	0	3	1	2	1.0520	1.0452	-0.0068	-0.9904	-0.9929	0.0025
2023-10-09T10:09:43	1	0	9	9	0	0.9991	0.9991	0.0000	-1	-1	0.0000
2023-10-09T10:09:43	1	0	2	2	0	1.0166	1.0162	-0.0004	0.9962	0.997	-0.0008
2023-10-09T10:09:57	1	0	7	7	0	0.9116	0.9121	0.0005	0.9579	0.958	-0.0001
2023-10-09T10:10:05	2	0	70	62	8	1.0552	1.0549	-0.0003	-1	-1	0.0000
2023-10-09T10:11:30	1	0	12	10	2	1.0492	1.0497	0.0005	1	0.9999	0.0001
2023-10-09T10:12:05	2	0	1	1	0	0.9958	0.9963	0.0005	-0.9832	-0.983	-0.0002
2023-10-09T10:13:06	1	0	4	4	0	1.0271	1.0269	-0.0002	0.9981	0.9981	0.0000
2023-10-09T10:13:51	2	0	3	3	0	1.0413	1.0410	-0.0003	-0.9927	-0.993	0.0003
2023-10-09T10:14:07	2	0	53	53	0	1.0493	1.0492	0.0000	-0.9962	-0.9963	0.0001
2023-10-09T10:14:07	1	0	186	184	2	1.0602	1.0600	-0.0002	-0.8922	-0.8922	0.0000
2023-10-09T10:14:27	1	0	1	1	0	1.0344	1.0340	-0.0004	0.983	0.9829	0.0001
2023-10-09T10:15:21	1	0	22	22	0	1.0476	1.0476	0.0000	-0.9996	-0.9996	0.0000
2023-10-09T10:15:53	1	0	10	10	0	1.0465	1.0464	-0.0001	-0.9971	-0.9971	0.0000
2023-10-09T10:16:18	1	0	12	11	1	1.0356	1.0360	0.0003	0.9865	0.9863	0.0002
2023-10-09T10:16:24	1	0	28	27	1	1.0497	1.0493	-0.0004	0.9925	0.9925	0.0000
2023-10-09T10:16:34	4	0	1	0	1	1.0381	null	null	-0.9751	-0.9754	0.0003
2023-10-09T10:16:53	1	0	7	7	0	1.0236	1.0236	-0.0001	0.9901	0.99	0.0001
2023-10-09T10:17:10	5	0	107	99	8	1.0543	1.0542	-0.0001	0.9764	0.9763	0.0001
2023-10-09T10:18:22	1	0	15	14	1	1.0346	1.0329	-0.0017	0.9747	0.9744	0.0003
2023-10-09T10:19:02	5	0	18	13	5	1.0488	1.0484	-0.0004	0.9972	0.9971	0.0001
2023-10-09T10:20:10	1	0	30	29	1	1.0556	1.0556	0.0000	0.9756	0.9753	0.0003
2023-10-09T10:20:15	4	0	92	31	61	1.0578	1.0558	-0.0020	1	1	0.0000
2023-10-09T10:20:19	2	0	3	3	0	1.0344	1.0343	-0.0002	0.9991	0.9991	0.0000
2023-10-09T10:22:32	1	0	1	1	0	1.0563	1.0560	-0.0003	0.9923	0.9922	0.0001
2023-10-09T10:23:01	3	0	353	344	9	1.0611	1.0610	-0.0001	-0.9796	-0.9797	0.0001
2023-10-09T10:23:25	1	0	179	177	2	1.0542	1.0541	-0.0001	0.9831	0.983	0.0001
2023-10-09T10:24:25	4	0	17	16	1	1.0032	1.0067	0.0036	0.9738	0.9734	0.0004
2023-10-09T10:24:44	2	0	3	3	0	1.0304	1.0300	-0.0003	0.9967	0.9967	0.0000
2023-10-09T10:25:06	1	0	76	75	1	1.0549	1.0554	0.0006	-0.9999	-0.9999	0.0000
2023-10-09T10:25:16	1	0	215	215	0	0.9041	0.9042	0.0001	0.9802	0.9804	-0.0002
2023-10-09T10:25:28	1	0	2	2	0	1.0322	1.0321	-0.0002	-0.9882	-0.9882	0.0000
2023-10-09T10:25:33	2	0	12	12	0	1.0334	1.0331	-0.0002	-0.9995	-0.9995	0.0000
2023-10-09T10:26:31	1	0	17	17	0	1.0518	1.0516	-0.0001	0.9999	0.9999	0.0000
2023-10-09T10:26:37	1	0	20	19	1	1.0583	1.0584	0.0001	0.932	0.9319	0.0001
2023-10-09T10:27:48	1	0	8	8	0	1.0282	1.0281	0.0000	0.967	0.9669	0.0001
2023-10-09T10:28:28	2	0	1	1	0	1.0338	1.0333	-0.0005	0.9952	0.9952	0.0000

2023-10-09T10:28:32	5	0	10	9	1	1.0461	1.0448	-0.0013	-0.9897	-0.9898	0.0001
2023-10-09T10:28:34	1	0	22	22	0	1.0440	1.0440	0.0000	0.9749	0.9747	0.0002
2023-10-09T10:29:36	1	0	1	0	1	0.9448	null	null	0.9883	0.9884	-0.0001
2023-10-09T10:30:29	2	0	46	46	0	0.9267	0.9267	0.0001	0.9919	0.9902	0.0017
2023-10-09T10:31:27	2	0	2	2	0	1.0640	1.0635	-0.0004	-0.9657	-0.9671	0.0014
2023-10-09T10:33:23	1	0	13	13	0	1.0335	1.0310	-0.0025	0.9653	0.9651	0.0002
2023-10-09T10:33:33	4	0	124	116	8	0.9170	0.9178	0.0008	0.9986	0.9986	0.0000
2023-10-09T10:34:34	7	0	12	11	1	1.0483	1.0481	-0.0001	0.983	0.982	0.0010
2023-10-09T10:34:53	3	0	25	22	3	1.0492	1.0499	0.0006	0.9972	0.9971	0.0001
2023-10-09T10:34:54	3	0	37	36	1	0.9310	0.9311	0.0001	0.9533	0.953	0.0003
2023-10-09T10:34:56	2	0	3	2	1	1.0495	1.0461	-0.0035	-0.7507	-0.7517	0.0010
2023-10-09T10:35:11	2	0	8	7	1	1.0462	1.0461	-0.0001	0.9271	0.9266	0.0005
2023-10-09T10:35:19	2	0	18	17	1	1.0492	1.0488	-0.0004	0.9933	0.9933	0.0000
2023-10-09T10:40:07	1	0	103	100	3	1.0564	1.0564	0.0000	-1	-1	0.0000
2023-10-09T10:40:36	3	0	1	1	0	1.0346	1.0320	-0.0026	-0.9849	-0.9854	0.0005
2023-10-09T10:41:00	5	0	3	2	1	1.0480	1.0468	-0.0012	1	1	0.0000
2023-10-09T10:42:07	2	0	2	2	0	1.0003	1.0006	0.0002	-0.9839	-0.9837	-0.0002
2023-10-09T10:42:53	1	0	1	0	1	1.0299	null	null	-0.9995	-0.9995	0.0000
2023-10-09T10:43:33	2	0	2	1	1	1.0301	1.0299	-0.0002	-0.9903	-0.9907	0.0004
2023-10-09T10:45:23	1	0	39	38	1	1.0493	1.0492	-0.0002	-0.9992	-0.9992	0.0000
2023-10-09T10:49:55	1	0	74	74	0	0.9221	0.9223	0.0002	0.9392	0.9394	-0.0002
2023-10-09T10:50:35	1	0	1	0	1	1.0317	null	null	-0.9992	-0.9991	-0.0001
2023-10-09T10:54:46	1	0	3	3	0	1.0142	1.0142	-0.0001	0.9999	0.9998	0.0001
2023-10-09T10:54:56	2	0	11	11	0	1.0490	1.0487	-0.0003	0.9522	0.9515	0.0007
2023-10-09T10:56:33	1	0	4	4	0	1.0456	1.0454	-0.0003	0.9822	0.9821	0.0001
2023-10-09T10:58:25	1	0	14	14	0	1.0460	1.0459	-0.0001	1	1	0.0000
2023-10-09T11:00:01	1	0	3	3	0	1.0197	1.0193	-0.0004	0.9996	0.9995	0.0001
2023-10-09T11:00:36	6	0	58	54	4	1.0593	1.0585	-0.0009	0.9981	0.9863	0.0118
2023-10-09T11:01:21	1	0	12	11	1	1.0361	1.0370	0.0009	0.9877	0.9873	0.0004
2023-10-09T11:01:56	1	0	12	12	0	1.0291	1.0290	-0.0001	0.9891	0.989	0.0001
2023-10-09T11:02:13	1	0	181	175	6	1.0554	1.0553	-0.0001	0.9745	0.9744	0.0001
2023-10-09T11:02:42	1	0	12	12	0	1.0031	1.0032	0.0001	0.9502	0.9501	0.0001
2023-10-09T11:03:06	2	0	14	13	1	1.0483	1.0474	-0.0009	0.9875	0.9874	0.0001
2023-10-09T11:03:15	1	0	3	3	0	0.9944	0.9943	-0.0001	0.9842	0.9845	-0.0003
2023-10-09T11:03:25	1	0	13	12	1	1.0389	1.0374	-0.0014	0.9664	0.9663	0.0001
2023-10-09T11:05:44	3	0	6	6	0	1.0476	1.0473	-0.0002	0.9709	0.9676	0.0033
2023-10-09T11:06:04	3	0	28	28	0	1.0513	1.0505	-0.0008	0.9971	0.9971	0.0000
2023-10-09T11:07:00	1	0	12	12	0	1.0480	1.0480	-0.0001	-1	-1	0.0000
2023-10-09T11:07:25	1	0	10	10	0	1.0499	1.0498	-0.0001	-0.9999	-0.9999	0.0000
2023-10-09T11:07:31	3	0	2	1	1	1.0312	1.0311	-0.0001	0.9962	0.996	0.0002
2023-10-09T11:09:16	1	0	198	198	0	1.0653	1.0653	0.0000	0.9837	0.9829	0.0008
2023-10-09T11:10:19	3	0	525	525	0	1.1462	1.1455	-0.0007	0.9681	0.9676	0.0005
2023-10-09T11:11:02	1	0	1	1	0	0.9442	0.9445	0.0003	-1	-1	0.0000
2023-10-09T11:11:12	1	0	4	2	2	1.0553	1.0528	-0.0025	-0.9919	-0.992	0.0001
2023-10-09T11:13:37	1	0	17	16	1	1.0461	1.0454	-0.0007	0.9586	0.9583	0.0003
2023-10-09T11:15:05	3	0	30	30	0	0.9324	0.9325	0.0000	0.9424	0.9428	-0.0004
2023-10-09T11:15:25	8	0	35	34	1	1.0503	1.0501	-0.0002	-0.9993	-0.9993	0.0000
2023-10-09T11:16:16	2	0	1	1	0	1.0284	1.0278	-0.0006	0.9845	0.9837	0.0008
2023-10-09T11:17:21	1	0	96	95	1	0.9041	0.9054	0.0013	0.9565	0.9568	-0.0003
2023-10-09T11:18:26	1	0	12	12	0	1.0274	1.0273	-0.0001	0.9697	0.9696	0.0001
2023-10-09T11:18:26	1	0	31	30	1	1.0524	1.0523	0.0000	-0.9811	-0.9812	0.0001
2023-10-09T11:20:14	2	0	5	5	0	1.0457	1.0455	-0.0002	0.9225	0.922	0.0005
2023-10-09T11:20:19	8	0	25	22	3	1.0520	1.0516	-0.0004	-1	-1	0.0000
2023-10-09T11:21:20	1	0	3	3	0	1.0063	1.0064	0.0001	0.9981	0.9982	-0.0001
2023-10-09T11:24:49	3	0	4	4	0	1.0262	1.0255	-0.0007	0.9949	0.9945	0.0004
2023-10-09T11:25:02	1	0	3	3	0	0.9120	0.9123	0.0003	0.9787	0.9792	-0.0005
2023-10-09T11:25:20	1	0	220	219	1	0.9086	0.9083	-0.0003	0.9734	0.9738	-0.0004
2023-10-09T11:25:44	1	0	8	8	0	1.0177	1.0176	-0.0001	0.9998	0.9998	0.0000
2023-10-09T11:26:36	1	0	2	2	0	1.0733	1.0728	-0.0005	0.9927	0.9926	0.0001
2023-10-09T11:28:36	3	0	1	1	0	1.0367	1.0363	-0.0004	-0.9901	-0.9897	-0.0004
2023-10-09T11:30:33	2	0	45	45	0	0.9168	0.9168	0.0000	0.9915	0.9915	0.0000
2023-10-09T11:30:38	6	0	1	0	1	1.0553	null	null	0.9416	0.9418	-0.0002
2023-10-09T11:31:31	2	0	1	1	0	1.0646	1.0646	0.0000	0.9848	0.9849	-0.0001
2023-10-09T11:31:58	3	0	6	6	0	1.0036	1.0037	0.0000	0.99	0.99	0.0000
2023-10-09T11:32:44	3	0	13	10	3	1.0475	1.0450	-0.0025	0.9557	0.9557	0.0000
2023-10-09T11:33:40	2	0	2	2	0	1.0483	1.0483	0.0000	0.9951	0.9951	0.0000
2023-10-09T11:34:57	2	0	1	1	0	1.0261	1.0254	-0.0007	0.9799	0.975	0.0049
2023-10-09T11:35:00	4	0	1	0	1	1.0558	null	null	-0.7927	-0.7934	0.0007
2023-10-09T11:35:38	2	0	3	3	0	1.0318	1.0318	-0.0001	-0.9999	-0.9998	-0.0001
2023-10-09T11:37:02	1	0	13	13	0	1.0432	1.0432	0.0000	-0.9998	-0.9998	0.0000
2023-10-09T11:37:05	9	0	17	17	0	1.0470	1.0469	0.0000	0.9962	0.9963	-0.0001
2023-10-09T11:37:27	1	0	7	7	0	1.0483	1.0483	0.0000	-0.9999	-0.9999	0.0000
2023-10-09T11:37:33	3	0	2	2	0	1.0283	1.0281	-0.0002	0.9972	0.9971	0.0001
2023-10-09T11:38:30	1	0	78	78	0	1.0487	1.0487	0.0000	0.9737	0.9738	-0.0001
2023-10-09T11:41:04	8	0	2	0	2	1.0451	null	null	-0.9997	-0.9997	0.0000
2023-10-09T11:43:28	1	0	4	5	-1	1.0326	1.0351	0.0025	0.9998	0.9998	0.0000
2023-10-09T11:43:37	7	0	5	2	3	1.0583	1.0466	-0.0116	-0.9879	-0.9882	0.0003
2023-10-09T11:44:41	1	0	1	1	0	0.9413	0.9417	0.0004	0.9878	0.9879	-0.0001
2023-10-09T11:45:06	1	0	38	37	1	1.0507	1.0506	-0.0001	0.9886	0.9886	0.0000
2023-10-09T11:45:07	3	0	1	1	0	0.9333	0.9333	0.0000	0.9715	0.9713	0.0002
2023-10-09T11:45:34	2	0	45	45	0	0.9144	0.9144	0.0000	0.9923	0.9924	-0.0001
2023-10-09T11:45:39	1	0	1	0	1	1.0552	null	null	0.9428	0.9427	0.0001
2023-10-09T11:46:32	2	0	1	1	0	1.0671	1.0671	0.0000	0.984	0.9843	-0.0003
2023-10-09T11:46:40	6	0	2	2	0	1.0472	1.0472	0.0000	-0.9713	-0.9711	-0.0002
2023-10-09T11:48:28	3	0	3	4	-1	1.0432	1.0369	-0.0064	0.9465	0.947	-0.0005

2023-10-09T11:49:08	1	0	36	35	1	1.0492	1.0490	-0.0002	0.9816	0.9815	0.0001
2023-10-09T11:49:58	2	0	3	3	0	1.0249	1.0248	0.0000	0.9787	0.9735	0.0052
2023-10-09T11:50:01	4	0	1	2	-1	1.0573	1.0563	-0.0010	-0.7831	-0.7822	-0.0009
2023-10-09T11:50:24	6	0	24	22	2	1.0487	1.0480	-0.0008	0.9898	0.9897	0.0001
2023-10-09T11:50:43	1	0	6	6	0	0.9939	0.9939	0.0000	0.9704	0.9705	-0.0001
2023-10-09T11:52:28	1	0	7	7	0	1.0491	1.0491	0.0000	1	1	0.0000
2023-10-09T11:53:31	1	0	81	82	-1	1.0499	1.0498	-0.0001	0.9718	0.9718	0.0000
2023-10-09T11:57:29	1	0	4	3	1	1.0568	1.0558	-0.0010	-0.9918	-0.9918	0.0000
2023-10-09T11:57:56	1	0	5	5	0	1.0453	1.0453	0.0000	0.961	0.961	0.0000
2023-10-09T12:00:08	3	0	1	1	0	0.9421	0.9421	0.0000	0.982	0.9818	0.0002
2023-10-09T12:00:35	2	0	45	45	0	0.9277	0.9277	0.0000	0.9949	0.995	-0.0001
2023-10-09T12:03:29	1	0	22	22	0	1.0538	1.0538	0.0000	-0.9866	-0.9865	-0.0001
2023-10-09T12:03:29	4	0	3	4	-1	1.0541	1.0547	0.0005	0.9657	0.966	-0.0003
2023-10-09T12:03:42	2	0	4	4	0	1.0436	1.0436	0.0000	0.9979	0.9979	0.0000
2023-10-09T12:05:11	1	0	12	11	1	1.0519	1.0512	-0.0007	0.9998	0.9998	0.0000
2023-10-09T12:05:25	2	0	22	20	2	1.0495	1.0490	-0.0006	0.991	0.9909	0.0001
2023-10-09T12:05:44	1	0	6	6	0	0.9916	0.9916	0.0000	0.9706	0.9707	-0.0001
2023-10-09T12:07:17	2	0	18	17	1	1.0485	1.0481	-0.0004	-1	-1	0.0000
2023-10-09T12:07:29	1	0	18	18	0	1.0519	1.0519	0.0000	-0.9996	-0.9996	0.0000
2023-10-09T12:08:32	1	0	86	86	0	1.0498	1.0498	0.0000	0.9736	0.9736	0.0000
2023-10-09T12:11:37	2	0	2	2	0	0.9968	0.9964	-0.0004	0.9936	0.9935	0.0001
2023-10-09T12:12:33	2	0	85	84	1	1.1177	1.1190	0.0012	-0.997	-0.9971	0.0001
2023-10-09T12:15:08	1	0	77	77	0	1.0537	1.0536	-0.0001	0.9872	0.9871	0.0001
2023-10-09T12:15:41	7	0	62	62	0	1.0584	1.0584	0.0000	0.9752	0.9765	-0.0013
2023-10-09T12:16:34	2	0	1	1	0	1.0706	1.0706	0.0000	0.985	0.9855	-0.0005
2023-10-09T12:18:01	1	0	6	5	1	1.0510	1.0493	-0.0017	0.9659	0.9658	0.0001
2023-10-09T12:20:03	4	0	5	6	-1	1.0528	1.0517	-0.0011	-0.7918	-0.7898	-0.0020
2023-10-09T12:28:40	3	0	23	20	3	1.0480	1.0466	-0.0014	-0.9847	-0.9845	-0.0002
2023-10-09T12:30:10	1	0	1	1	0	0.9437	0.9437	0.0000	0.9686	0.9684	0.0002
2023-10-09T12:31:12	1	0	1	0	1	1.0564	null	null	0.9923	0.9923	0.0000
2023-10-09T12:34:15	1	0	5	5	0	1.0484	1.0482	-0.0002	0.9859	0.9859	0.0000
2023-10-09T12:42:59	1	0	6	6	0	1.0241	1.0241	0.0000	0.9715	0.9715	0.0000
2023-10-09T12:47:51	3	0	9	10	-1	0.9908	0.9972	0.0065	0.9524	0.9527	-0.0003
2023-10-09T12:50:02	2	0	5	5	0	1.0277	1.0276	-0.0001	0.9765	0.9766	-0.0001
2023-10-09T13:00:41	3	0	2	2	0	0.9740	0.9738	-0.0002	0.994	0.994	0.0000
2023-10-09T13:02:20	2	0	3	3	0	1.0362	1.0360	-0.0002	0.9742	0.9746	-0.0004
2023-10-09T13:03:42	3	0	10	10	0	1.0253	1.0275	0.0022	0.9257	0.9261	-0.0004
2023-10-09T13:05:44	1	0	1	1	0	1.0360	1.0359	-0.0001	-0.9988	-0.9987	-0.0001
2023-10-09T13:16:49	4	0	1	1	0	1.0556	1.0554	-0.0002	-0.9728	-0.9726	-0.0002
2023-10-09T13:17:21	2	0	5	5	0	1.0329	1.0329	0.0000	0.9745	0.9744	0.0001
2023-10-09T13:25:10	1	0	1	0	1	1.0342	null	null	0.9931	0.993	0.0001
2023-10-09T13:26:11	7	0	3	4	-1	0.9671	0.9892	0.0222	1	1	0.0000
2023-10-09T13:28:44	1	0	22	20	2	1.0468	1.0467	-0.0001	-0.9789	-0.9789	0.0000
2023-10-09T13:34:07	1	0	20	19	1	1.0420	1.0413	-0.0007	0.9648	0.9648	0.0000
2023-10-09T13:35:05	2	0	8	9	-1	1.0330	1.0355	0.0025	0.9788	0.979	-0.0002
2023-10-09T13:37:10	1	0	20	21	-1	1.0447	1.0449	0.0002	-0.9961	-0.9961	0.0000
2023-10-09T13:41:15	1	0	278	275	3	1.0780	1.0750	-0.0030	-0.9983	-0.9946	-0.0037
2023-10-09T13:43:38	1	0	1	1	0	1.0453	1.0453	0.0000	0.9995	0.9995	0.0000
2023-10-09T13:46:48	1	0	1	1	0	1.0556	1.0553	-0.0003	0.9634	0.9633	0.0001
2023-10-09T13:56:13	1	0	2	2	0	0.9437	0.9437	0.0001	-1	-1	0.0000
2023-10-09T14:03:46	1	0	1	1	0	1.0574	1.0572	-0.0002	0.965	0.9649	0.0001
2023-10-09T14:05:07	2	0	5	5	0	1.0374	1.0374	0.0000	0.9788	0.9787	0.0001
2023-10-09T14:05:34	2	0	2	3	-1	1.0452	1.0422	-0.0031	0.9993	0.9993	0.0000
2023-10-09T14:05:55	1	0	7	7	0	0.9967	0.9967	0.0000	0.969	0.969	0.0000
2023-10-09T14:08:00	8	0	14	14	0	1.0525	1.0525	0.0000	0.9964	0.9964	0.0000
2023-10-09T14:10:43	1	0	1	1	0	1.0589	1.0589	0.0000	-0.9849	-0.9848	-0.0001
2023-10-09T14:10:56	1	0	6	6	0	1.0166	1.0166	0.0000	0.999	0.999	0.0000
2023-10-09T14:11:14	1	0	1	1	0	0.9371	0.9374	0.0003	-1	-1	0.0000
2023-10-09T14:11:17	1	0	276	250	26	1.0728	1.0698	-0.0030	-0.9997	-0.9975	-0.0022
2023-10-09T14:12:58	1	0	1	1	0	1.0586	1.0581	-0.0005	-0.988	-0.9882	0.0002
2023-10-09T14:13:22	1	0	2	2	0	1.0267	1.0267	0.0000	0.9877	0.9878	-0.0001
2023-10-09T14:13:48	3	0	5	5	0	1.0362	1.0353	-0.0010	-0.9835	-0.9838	0.0003
2023-10-09T14:17:09	4	0	17	18	-1	1.0347	1.0349	0.0002	0.9904	0.9903	0.0001
2023-10-09T14:17:57	1	0	15	15	0	1.0391	1.0391	-0.0001	0.9671	0.967	0.0001
2023-10-09T14:19:10	1	0	13	13	0	1.0394	1.0393	-0.0001	0.9645	0.9643	0.0002
2023-10-09T14:20:08	2	0	4	4	0	1.0239	1.0238	-0.0001	0.9781	0.9781	0.0000
2023-10-09T14:20:11	2	0	1	0	1	1.0553	null	null	-0.8363	-0.8363	0.0000
2023-10-09T14:20:35	2	0	2	2	0	1.0361	1.0360	-0.0001	0.9997	0.9997	0.0000
2023-10-09T14:20:56	1	0	7	7	0	0.9968	0.9967	0.0000	0.969	0.969	0.0000
2023-10-09T14:21:00	3	0	1	0	1	1.0550	null	null	0.9991	0.9991	0.0000
2023-10-09T14:21:03	3	0	6	7	-1	1.0449	1.0464	0.0015	-0.999	-0.999	0.0000
2023-10-09T14:22:13	1	0	11	11	0	1.0479	1.0479	0.0000	1	-0.9999	-0.0001
2023-10-09T14:23:26	8	0	106	105	1	1.0551	1.0546	-0.0004	0.9949	0.9948	0.0001
2023-10-09T14:26:18	1	0	277	277	0	1.0781	1.0780	0.0000	-0.9991	-0.9991	0.0000
2023-10-09T14:26:48	1	0	1	1	0	1.0559	1.0559	0.0000	0.9836	0.9836	0.0000
2023-10-09T14:28:06	1	0	19	17	2	1.0472	1.0472	0.0000	0.9847	0.9847	0.0000
2023-10-09T14:28:23	1	0	3	3	0	1.0268	1.0268	-0.0001	0.9824	0.9824	0.0000
2023-10-09T14:28:41	1	0	17	17	0	1.0472	1.0471	0.0000	0.9998	0.9998	0.0000
2023-10-09T14:28:50	3	0	22	22	0	1.0436	1.0427	-0.0010	-0.9778	-0.9784	0.0006
2023-10-09T14:30:45	2	0	45	45	0	0.9250	0.9249	-0.0001	0.9944	0.9943	0.0001
2023-10-09T14:31:41	1	0	28	28	0	1.0486	1.0485	0.0000	-0.9901	-0.9902	0.0001
2023-10-09T14:31:55	4	0	2	2	0	1.0410	1.0407	-0.0004	-0.9775	-0.9778	0.0003
2023-10-09T14:32:10	3	0	23	23	0	1.0361	1.0360	0.0000	0.9925	0.9925	0.0000
2023-10-09T14:32:58	3	0	17	16	1	1.0413	1.0403	-0.0011	0.9644	0.9642	0.0002
2023-10-09T14:33:51	7	0	2	1	1	1.0410	1.0377	-0.0033	-0.9993	-0.9995	0.0002

2023-10-09T14:33:51	2	0	2	2	0	1.0008	1.0000	-0.0008	0.9684	0.9679	0.0005
2023-10-09T14:33:59	1	0	1	1	0	1.0343	1.0340	-0.0003	-0.9963	-0.9963	0.0000
2023-10-09T14:34:11	1	0	26	25	1	1.0451	1.0446	-0.0005	0.9675	0.9675	0.0000
2023-10-09T14:35:09	3	0	15	14	1	1.0401	1.0400	0.0000	0.9843	0.9842	0.0001
2023-10-09T14:35:10	4	0	356	352	4	0.8262	0.8326	0.0064	0.875	0.875	0.0000
2023-10-09T14:35:12	4	0	8	7	1	1.0509	1.0499	-0.0010	-0.8217	-0.8236	0.0019
2023-10-09T14:35:21	1	0	25	24	1	1.0516	1.0513	-0.0003	0.9997	0.9997	0.0000
2023-10-09T14:35:52	1	0	1	1	0	1.0392	1.0392	0.0000	-0.9987	-0.9987	0.0000
2023-10-09T14:35:57	1	0	7	7	0	0.9969	0.9969	0.0000	0.9679	0.9679	0.0000
2023-10-09T14:36:04	4	0	8	8	0	1.0438	1.0436	-0.0002	-0.9985	-0.9988	0.0003
2023-10-09T14:36:33	1	0	8	8	0	1.0486	1.0484	-0.0002	-0.9908	-0.9908	0.0000
2023-10-09T14:37:14	1	0	25	25	0	1.0453	1.0453	0.0000	0.9998	0.9998	0.0000
2023-10-09T14:38:58	9	0	29	28	1	1.0491	1.0484	-0.0007	0.9968	0.9968	0.0000
2023-10-09T14:40:22	1	0	27	26	1	1.0492	1.0494	0.0002	0.9903	0.9903	0.0000
2023-10-09T14:40:33	1	0	274	381	-107	1.1433	1.1500	0.0067	0.9754	0.9709	0.0045
2023-10-09T14:40:58	1	0	9	9	0	1.0236	1.0236	0.0000	0.9994	0.9994	0.0000
2023-10-09T14:41:16	3	0	1	1	0	0.9373	0.9379	0.0006	0.9999	0.9999	0.0000
2023-10-09T14:43:24	1	0	4	4	0	1.0262	1.0261	-0.0001	0.9839	0.9839	0.0000
2023-10-09T14:43:29	1	0	1	1	0	1.0581	1.0578	-0.0003	-0.9891	-0.992	0.0029
2023-10-09T14:43:42	1	0	18	18	0	1.0477	1.0477	0.0000	0.9992	0.9992	0.0000
2023-10-09T14:45:46	2	0	45	45	0	0.9262	0.9262	0.0000	0.9934	0.9935	-0.0001
2023-10-09T14:46:56	7	0	3	3	0	1.0413	1.0408	-0.0005	-0.9775	-0.978	0.0005
2023-10-09T14:47:00	1	0	1	1	0	1.0557	1.0552	-0.0005	0.999	0.9989	0.0001
2023-10-09T14:47:36	1	0	25	25	0	1.0478	1.0478	0.0000	-0.9882	-0.9882	0.0000
2023-10-09T14:48:52	1	0	1	2	-1	0.9376	0.9968	0.0592	0.965	0.9656	-0.0006
2023-10-09T14:52:46	3	0	2	2	0	1.0341	1.0339	-0.0002	0.9979	0.9979	0.0000
2023-10-09T14:55:16	1	0	1	1	0	1.0339	1.0325	-0.0014	0.9872	0.987	0.0002
2023-10-09T14:55:54	1	0	2	2	0	1.0160	1.0160	0.0000	0.9586	0.9586	0.0000
2023-10-09T14:56:20	1	0	283	283	0	1.0815	1.0815	0.0000	-0.9999	-0.9999	0.0000
2023-10-09T14:58:51	2	0	20	20	0	1.0444	1.0443	-0.0001	-0.9791	-0.9791	0.0000
2023-10-09T15:02:01	1	0	1	0	1	1.0369	null	null	0.9982	0.9981	0.0001
2023-10-09T15:03:53	1	0	3	3	0	1.0137	1.0136	-0.0001	0.9751	0.9751	0.0000
2023-10-09T15:05:34	8	0	23	22	1	1.0494	1.0487	-0.0008	0.9987	0.9976	0.0011
2023-10-09T15:05:38	4	0	4	4	0	1.0338	1.0337	-0.0002	0.9999	0.9999	0.0000
2023-10-09T15:05:43	1	0	8	8	0	1.0462	1.0462	0.0000	0.9222	0.9221	0.0001
2023-10-09T15:10:24	2	0	39	38	1	1.0495	1.0495	0.0000	0.9888	0.9888	0.0000
2023-10-09T15:10:35	1	0	215	215	0	0.8935	0.8939	0.0004	0.9832	0.9836	-0.0004
2023-10-09T15:11:18	4	0	1	0	1	1.0457	null	null	-1	-0.9998	-0.0002
2023-10-09T15:12:45	1	0	5	5	0	1.0115	1.0113	-0.0002	-0.997	-0.9971	0.0001
2023-10-09T15:15:24	1	0	12	12	0	1.0425	1.0425	0.0000	0.9609	0.9605	0.0004
2023-10-09T15:17:37	1	0	2	1	1	1.0595	1.0555	-0.0040	0.9565	0.9514	0.0051
2023-10-09T15:18:07	1	0	36	36	0	1.0478	1.0477	0.0000	-0.9906	-0.9906	0.0000
2023-10-09T15:18:54	1	0	5	3	2	1.0293	1.0102	-0.0191	0.9731	0.9728	0.0003
2023-10-09T15:20:13	2	0	3	3	0	1.0201	1.0191	-0.0010	0.9791	0.9787	0.0004
2023-10-09T15:20:35	5	0	22	22	0	1.0465	1.0464	-0.0002	0.9985	0.9983	0.0002
2023-10-09T15:22:43	2	0	15	15	0	1.0528	1.0525	-0.0003	-0.9993	-0.9993	0.0000
2023-10-09T15:32:14	1	0	13	13	0	1.0164	1.0164	0.0000	0.9914	0.9913	0.0001
2023-10-09T15:35:56	1	0	3	3	0	1.0375	1.0375	0.0000	-0.9995	-0.9995	0.0000
2023-10-09T15:37:44	1	0	30	29	1	1.0536	1.0538	0.0002	-0.9988	-0.9989	0.0001
2023-10-09T15:40:07	1	0	3	4	-1	1.0411	1.0445	0.0035	0.9989	0.999	-0.0001
2023-10-09T15:40:57	1	0	132	128	4	0.9486	0.9491	0.0006	0.9415	0.9411	0.0004
2023-10-09T15:56:57	2	0	2	2	0	0.9884	0.9877	-0.0007	0.9977	0.9976	0.0001
2023-10-09T16:01:05	1	0	19	18	1	1.0513	1.0510	-0.0003	-0.9639	-0.9639	0.0000
2023-10-09T16:03:57	1	0	7	7	0	1.0278	1.0273	-0.0005	0.9697	0.9695	0.0002
2023-10-09T16:11:22	1	0	5	5	0	1.0497	1.0484	-0.0012	-1	1	0.0000
2023-10-09T16:25:40	1	0	6	7	-1	1.0845	1.0745	-0.0099	0.9912	0.9896	0.0016
2023-10-09T16:49:00	4	0	69	66	3	0.9565	0.9568	0.0004	0.9622	0.9626	-0.0004
2023-10-09T16:55:12	2	0	2	2	0	1.0202	1.0191	-0.0012	0.9988	0.999	-0.0002
2023-10-10T08:06:36	1	0	68	65	3	1.0504	1.0503	-0.0001	0.9881	0.9881	0.0000
2023-10-10T08:13:32	2	0	16	16	0	1.0440	1.0439	-0.0001	-0.956	-0.956	0.0000
2023-10-10T08:14:01	1	0	81	80	1	1.0569	1.0568	0.0000	-0.8981	-0.8977	-0.0004
2023-10-10T08:36:35	1	0	15	15	0	0.9401	0.9404	0.0003	-0.9978	-0.9977	-0.0001
2023-10-10T08:46:12	2	0	89	88	1	1.0604	1.0603	-0.0001	-0.992	-0.992	0.0000
2023-10-10T08:49:36	1	0	20	19	1	0.9411	0.9411	0.0000	0.849	0.8494	-0.0004
2023-10-10T08:54:43	1	0	1	1	0	1.0214	1.0212	-0.0002	0.9946	0.9946	0.0000
2023-10-10T09:05:36	1	0	11	11	0	0.9967	0.9967	-0.0001	0.9706	0.9706	0.0000
2023-10-10T09:09:49	1	0	20	19	1	1.0507	1.0502	-0.0005	-0.9842	-0.9844	0.0002
2023-10-10T09:22:33	1	0	2	2	0	1.0191	1.0188	-0.0003	0.9823	0.9821	0.0002
2023-10-10T09:23:19	1	0	5	5	0	1.0001	1.0000	-0.0001	0.973	0.9733	-0.0003
2023-10-10T09:25:25	4	0	70	36	34	1.0562	1.0558	-0.0004	-1	-1	0.0000
2023-10-10T09:25:42	1	0	3	3	0	1.0368	1.0367	-0.0002	-0.9991	-0.999	-0.0001
2023-10-10T09:26:28	1	0	1	1	0	1.0560	1.0553	-0.0007	-0.9999	-0.9999	0.0000
2023-10-10T09:30:39	1	0	1	1	0	1.0301	1.0291	-0.0010	-0.9773	-0.9771	-0.0002
2023-10-10T09:30:44	1	0	138	139	-1	0.9566	0.9559	-0.0007	0.9449	0.9487	-0.0038
2023-10-10T09:30:52	1	0	11	10	1	1.0015	1.0005	-0.0009	0.9988	0.9988	0.0000
2023-10-10T09:33:17	1	0	6	6	0	1.0273	1.0272	-0.0002	0.9968	0.9968	0.0000
2023-10-10T09:34:02	2	0	3	3	0	1.0260	1.0259	-0.0001	1	1	0.0000
2023-10-10T09:36:29	1	0	10	10	0	1.0334	1.0334	0.0000	0.9888	0.9884	0.0004
2023-10-10T09:36:51	1	0	4	4	0	1.0396	1.0395	-0.0002	-0.9999	-0.9999	0.0000
2023-10-10T09:38:59	1	0	12	12	0	1.0394	1.0393	-0.0001	0.9946	0.9946	0.0000
2023-10-10T09:39:51	1	0	16	16	0	1.0485	1.0482	-0.0003	-0.9855	-0.9857	0.0002
2023-10-10T09:40:04	6	0	327	326	1	0.8800	0.8801	0.0002	0.9068	0.9072	-0.0004
2023-10-10T09:40:21	1	0	17	17	0	1.0494	1.0493	-0.0001	0.9817	0.9816	0.0001
2023-10-10T09:44:40	2	0	1	1	0	1.0876	1.0571	-0.0305	0.9981	0.9979	0.0002
2023-10-10T09:45:08	2	0	5	5	0	0.8866	0.8867	0.0001	0.9658	0.9659	-0.0001

2023-10-10T09:45:29	1	0	3	3	0	1.1217	1.1216	-0.0001	0.982	0.982	0.0000
2023-10-10T09:46:40	1	0	1	1	0	1.0558	1.0555	-0.0003	0.9999	0.9999	0.0000
2023-10-10T09:48:13	1	0	2	2	0	1.0143	1.0142	-0.0002	0.9997	0.9997	0.0000
2023-10-10T09:49:30	4	0	1	0	1	1.0462	null	null	-0.9999	-1	0.0001
2023-10-10T09:50:44	1	0	1	1	0	0.8986	0.8989	0.0003	0.9865	0.9865	0.0000
2023-10-10T09:51:30	1	0	10	10	0	1.0336	1.0335	-0.0001	0.9894	0.9891	0.0003
2023-10-10T09:52:05	1	0	15	14	1	1.0256	1.0234	-0.0022	0.9913	0.9912	0.0001
2023-10-10T09:53:34	1	0	1	1	0	0.9419	0.9424	0.0005	0.9518	0.9522	-0.0004
2023-10-10T09:54:52	2	0	29	25	4	0.9395	0.9401	0.0006	0.842	0.8433	-0.0013
2023-10-10T09:55:01	2	0	7	7	0	1.0331	1.0330	-0.0001	0.9984	0.9984	0.0000
2023-10-10T09:55:06	1	0	10	10	0	1.0244	1.0244	0.0000	0.9781	0.9782	-0.0001
2023-10-10T09:55:22	1	0	21	21	0	1.0503	1.0502	-0.0001	0.982	0.9819	0.0001
2023-10-10T09:59:25	3	0	171	165	6	1.0617	1.0602	-0.0015	0.9986	0.9982	0.0004
2023-10-10T09:59:45	2	0	1	1	0	1.0702	1.0565	-0.0137	0.997	0.9959	0.0011
2023-10-10T10:00:49	2	0	1	1	0	1.0383	1.0380	-0.0003	-0.9849	-0.9847	-0.0002
2023-10-10T10:01:41	1	0	1	1	0	1.0570	1.0570	0.0000	0.9998	0.9998	0.0000
2023-10-10T10:02:17	2	0	1	1	0	0.9919	0.9924	0.0005	-0.9858	-0.9856	-0.0002
2023-10-10T10:03:46	2	0	2	0	2	1.0320	null	null	0.9992	0.9991	0.0001
2023-10-10T10:04:04	2	0	3	3	0	1.0366	1.0365	-0.0002	0.9997	0.9997	0.0000
2023-10-10T10:04:15	2	0	112	109	3	1.0571	1.0568	-0.0002	-0.8622	-0.8623	0.0001
2023-10-10T10:04:50	1	0	3	3	0	0.9955	0.9953	-0.0002	0.9939	0.9939	0.0000
2023-10-10T10:05:45	1	0	1	1	0	0.9023	0.9027	0.0004	0.9901	0.9902	-0.0001
2023-10-10T10:05:47	6	0	2	1	1	1.0495	1.0466	-0.0029	0.9651	0.9328	0.0323
2023-10-10T10:07:06	2	0	11	11	0	1.0298	1.0297	-0.0001	0.992	0.9919	0.0001
2023-10-10T10:07:25	1	0	1	1	0	1.0130	1.0125	-0.0005	0.9474	0.944	0.0034
2023-10-10T10:07:36	1	0	3	3	0	1.0160	1.0157	-0.0003	0.9795	0.979	0.0005
2023-10-10T10:08:22	1	0	5	5	0	1.0007	1.0005	-0.0002	0.9722	0.9732	-0.0010
2023-10-10T10:08:44	7	0	85	11	74	0.9255	1.0270	0.1015	-0.9996	-0.9974	-0.0022
2023-10-10T10:09:56	2	0	18	16	2	1.0504	1.0488	-0.0016	-0.9843	-0.9856	0.0013
2023-10-10T10:10:06	3	0	305	304	1	0.8824	0.8826	0.0003	0.9013	0.9016	-0.0003
2023-10-10T10:10:07	2	0	73	62	11	1.0511	1.0499	-0.0012	0.9804	0.9803	0.0001
2023-10-10T10:10:14	3	0	29	26	3	1.0463	1.0463	0.0000	0.9945	0.9943	0.0002
2023-10-10T10:10:23	2	0	21	20	1	1.0515	1.0511	-0.0005	0.9809	0.9806	0.0003
2023-10-10T10:10:28	9	0	25	21	4	1.0545	1.0535	-0.0010	0.9994	0.9992	0.0002
2023-10-10T10:10:52	1	0	8	8	0	1.0063	1.0060	-0.0003	0.9742	0.9741	0.0001
2023-10-10T10:10:54	1	0	5	5	0	1.0400	1.0399	-0.0001	0.9905	0.99	0.0005
2023-10-10T10:11:31	1	0	1	1	0	1.0620	1.0608	-0.0012	-0.9999	-0.9999	0.0000
2023-10-10T10:11:53	1	0	1	0	1	0.9440	null	null	-0.9958	-0.9955	-0.0003
2023-10-10T10:12:45	1	0	1	0	1	1.0551	null	null	0.9934	0.9934	0.0000
2023-10-10T10:14:21	2	0	24	21	3	0.9832	0.9874	0.0042	0.9774	0.9772	0.0002
2023-10-10T10:14:59	1	0	5	5	0	1.0197	1.0197	0.0000	0.999	0.999	0.0000
2023-10-10T10:15:04	1	0	4	1	3	1.0539	1.0553	0.0014	0.9975	0.9971	0.0004
2023-10-10T10:15:31	1	0	125	125	0	0.8603	0.8607	0.0004	0.9798	0.9798	0.0000
2023-10-10T10:15:55	1	0	8	8	0	1.0164	1.0164	0.0000	0.9986	0.9986	0.0000
2023-10-10T10:18:20	1	0	6	6	0	1.0272	1.0270	-0.0003	0.9969	0.9968	0.0001
2023-10-10T10:18:44	2	0	1	1	0	1.0242	1.0238	-0.0004	0.9942	0.9941	0.0001
2023-10-10T10:19:21	1	0	35	35	0	1.0475	1.0474	0.0000	-0.9947	-0.9948	0.0001
2023-10-10T10:22:07	1	0	7	7	0	1.0287	1.0287	0.0000	0.9953	0.9954	-0.0001
2023-10-10T10:23:36	2	0	1	2	-1	0.9437	0.9994	0.0557	0.9444	0.9445	-0.0001
2023-10-10T10:25:03	1	0	10	10	0	1.0371	1.0370	-0.0001	0.9988	0.9987	0.0001
2023-10-10T10:25:24	3	0	21	20	1	1.0520	1.0517	-0.0003	0.9763	0.976	0.0003
2023-10-10T10:25:49	2	0	3	3	0	1.0385	1.0383	-0.0002	-0.9989	-0.9988	-0.0001
2023-10-10T10:29:22	2	0	15	15	0	0.9885	0.9884	-0.0001	0.9772	0.9772	0.0000
2023-10-10T10:30:04	1	0	1	1	0	1.0594	1.0591	-0.0003	0.9963	0.9963	0.0000
2023-10-10T10:30:19	2	0	23	20	3	1.0529	1.0525	-0.0005	0.9971	0.9971	0.0000
2023-10-10T10:31:43	1	0	4	4	0	1.0587	1.0586	-0.0001	1	1	0.0000
2023-10-10T10:31:47	1	0	15	15	0	1.0504	1.0504	-0.0001	-0.9955	-0.9955	0.0000
2023-10-10T10:32:19	2	0	2	2	0	0.9998	1.0000	0.0002	-0.987	-0.9868	-0.0002
2023-10-10T10:33:03	1	0	6	6	0	1.0377	1.0377	0.0000	0.9551	0.955	0.0001
2023-10-10T10:34:24	1	0	34	34	0	1.0473	1.0472	0.0000	-0.9927	-0.9927	0.0000
2023-10-10T10:34:33	5	0	6	3	3	1.0482	1.0480	-0.0002	-0.9997	-0.9998	0.0001
2023-10-10T10:36:07	1	0	5	5	0	1.0388	1.0386	-0.0002	-0.9967	-0.9967	0.0000
2023-10-10T10:36:41	2	0	2	2	0	1.0609	1.0598	-0.0010	-0.955	-0.9566	0.0016
2023-10-10T10:40:25	1	0	21	20	1	1.0530	1.0528	-0.0003	0.9757	0.9755	0.0002
2023-10-10T10:41:52	1	0	17	15	2	1.0454	1.0460	0.0006	0.9953	0.9952	0.0001
2023-10-10T10:43:29	3	0	49	41	8	0.9389	0.9401	0.0012	0.9878	0.9881	-0.0003
2023-10-10T10:45:12	1	0	3	3	0	0.9159	0.9160	0.0001	0.9767	0.9769	-0.0002
2023-10-10T10:48:42	1	0	16	16	0	1.0448	1.0447	-0.0001	0.9707	0.9705	0.0002
2023-10-10T10:50:40	1	0	4	4	0	0.9773	0.9774	0.0001	0.975	0.9751	-0.0001
2023-10-10T10:51:27	2	0	15	12	3	1.0543	1.0534	-0.0008	0.9948	0.9946	0.0002
2023-10-10T10:53:25	1	0	3	3	0	0.9967	0.9966	-0.0001	0.9656	0.9656	0.0000
2023-10-10T10:57:16	1	0	29	28	1	1.0492	1.0487	-0.0005	0.9942	0.9941	0.0001
2023-10-10T10:58:15	8	0	222	212	10	1.0583	1.0583	-0.0001	-0.9845	-0.9848	0.0003
2023-10-10T10:59:49	3	0	2	1	1	1.0554	1.0550	-0.0004	-0.9928	-0.9932	0.0004
2023-10-10T11:00:02	1	0	4	4	0	1.0164	1.0164	-0.0001	0.999	0.999	0.0000
2023-10-10T11:01:55	1	0	12	11	1	1.0538	1.0535	-0.0002	0.9313	0.9312	0.0001
2023-10-10T11:02:39	1	0	82	82	0	1.1215	1.1197	-0.0018	-0.9991	-0.997	-0.0021
2023-10-10T11:04:19	1	0	137	135	2	1.0575	1.0575	-0.0001	-0.8689	-0.8708	0.0019
2023-10-10T11:05:16	2	0	49	46	3	1.0517	1.0513	-0.0004	0.9878	0.9877	0.0001
2023-10-10T11:05:51	1	0	2	2	0	1.0432	1.0430	-0.0001	0.9611	0.9614	-0.0003
2023-10-10T11:06:57	1	0	2	2	0	1.0373	1.0373	0.0000	-0.9997	-0.9997	0.0000
2023-10-10T11:07:58	1	0	15	15	0	0.9998	0.9999	0.0001	0.9635	0.9634	0.0001
2023-10-10T11:08:39	1	0	3	2	1	1.0577	1.0553	-0.0024	0.9573	0.9566	0.0007
2023-10-10T11:08:47	1	0	16	15	1	1.0488	1.0482	-0.0006	0.9956	0.9946	0.0010
2023-10-10T11:08:52	1	0	4	4	0	1.0608	1.0606	-0.0002	0.9895	0.9893	0.0002

2023-10-10T11:10:00	2	0	87	85	2	1.0578	1.0560	-0.0017	-0.9817	-0.9855	0.0038
2023-10-10T11:10:32	4	0	25	25	0	1.0538	1.0537	-0.0001	0.9993	0.9992	0.0001
2023-10-10T11:10:58	2	0	5	5	0	1.0495	1.0494	-0.0002	0.9368	0.9337	0.0031
2023-10-10T11:12:38	1	0	1	0	1	1.0204	null	null	0.9994	0.9994	0.0000
2023-10-10T11:12:56	3	0	33	32	1	1.0489	1.0487	-0.0001	0.9939	0.9938	0.0001
2023-10-10T11:15:20	1	0	21	21	0	1.0463	1.0463	0.0000	0.9812	0.9811	0.0001
2023-10-10T11:18:46	1	0	25	24	1	1.0469	1.0469	0.0000	0.9666	0.9663	0.0003
2023-10-10T11:20:52	1	0	4	4	0	1.0330	1.0328	-0.0002	0.9438	0.9417	0.0021
2023-10-10T11:21:58	2	0	2	0	2	1.0470	null	null	-1	-1	0.0000
2023-10-10T11:22:30	1	0	96	95	1	0.9057	0.9084	0.0027	0.9358	0.9365	-0.0007
2023-10-10T11:25:07	1	0	12	11	1	1.0441	1.0431	-0.0010	0.9972	0.9981	-0.0009
2023-10-10T11:25:11	2	0	1	1	0	1.0577	1.0557	-0.0020	0.9775	0.9771	0.0004
2023-10-10T11:28:20	11	0	42	39	3	1.0518	1.0504	-0.0014	0.9933	0.9931	0.0002
2023-10-10T11:30:33	1	0	1	1	0	1.0557	1.0555	-0.0002	-0.9942	-0.9944	0.0002
2023-10-10T11:31:00	1	0	7	7	0	1.0198	1.0198	0.0000	0.9988	0.9988	0.0000
2023-10-10T11:31:51	3	0	23	23	0	1.0547	1.0545	-0.0001	0.9995	0.9995	0.0000
2023-10-10T11:36:59	2	0	3	3	0	1.0445	1.0443	-0.0002	-0.9998	-0.9998	0.0000
2023-10-10T11:38:41	2	0	1	2	-1	0.9423	0.9987	0.0564	0.9489	0.9492	-0.0003
2023-10-10T11:40:02	2	0	27	27	0	1.0545	1.0545	0.0000	0.9979	0.9981	-0.0002
2023-10-10T11:40:38	2	0	3	3	0	1.0473	1.0469	-0.0003	-0.9926	-0.9927	0.0001
2023-10-10T11:42:21	1	0	22	21	1	1.0482	1.0479	-0.0003	-0.9966	-0.9966	0.0000
2023-10-10T11:43:18	5	0	198	199	-1	1.0599	1.0599	0.0000	-0.9847	-0.9847	0.0000
2023-10-10T11:44:30	1	0	22	22	0	1.0539	1.0539	0.0000	-0.9343	-0.9338	-0.0005
2023-10-10T11:46:01	1	0	7	8	-1	1.0181	1.0192	0.0010	0.9986	0.9986	0.0000
2023-10-10T11:48:50	2	0	3	4	-1	0.9523	0.9695	0.0172	0.9916	0.9916	0.0000
2023-10-10T11:49:38	5	0	2	4	-2	1.0469	1.0467	-0.0002	-0.9996	-0.9996	0.0000
2023-10-10T11:50:46	1	0	6	7	-1	0.9474	0.9492	0.0017	0.9744	0.9742	0.0002
2023-10-10T11:52:28	1	0	3	3	0	1.0296	1.0295	-0.0001	0.965	0.9648	0.0002
2023-10-10T11:53:01	3	0	15	14	1	1.0427	1.0416	-0.0010	0.9606	0.9607	-0.0001
2023-10-10T11:55:03	2	0	24	24	0	1.0541	1.0541	0.0000	0.9996	0.9996	0.0000
2023-10-10T11:55:09	2	0	3	3	0	1.0238	1.0236	-0.0002	0.9978	0.9968	0.0010
2023-10-10T12:01:00	2	0	2	2	0	1.0583	1.0567	-0.0016	-0.9925	-0.9925	0.0000
2023-10-10T12:03:51	2	0	5	5	0	0.9462	0.9462	0.0000	0.9912	0.9912	0.0000
2023-10-10T12:04:30	1	0	54	53	1	1.0503	1.0501	-0.0001	-0.993	-0.9931	0.0001
2023-10-10T12:07:29	1	0	3	2	1	0.9959	1.0238	0.0279	0.9675	0.9675	0.0000
2023-10-10T12:08:47	2	0	2	1	1	1.0567	1.0558	-0.0010	0.9552	0.9555	-0.0003
2023-10-10T12:12:23	2	0	118	118	0	1.0551	1.0549	-0.0002	-0.9725	-0.9727	0.0002
2023-10-10T12:16:52	2	0	3	3	0	1.0137	1.0134	-0.0002	0.9972	0.9971	0.0001
2023-10-10T12:18:55	3	0	4	6	-2	1.0495	1.0472	-0.0023	0.9998	0.9999	-0.0001
2023-10-10T12:21:50	2	0	1	2	-1	1.0676	1.0616	-0.0060	0.9756	0.9769	-0.0013
2023-10-10T12:22:17	3	0	1	1	0	1.0560	1.0560	0.0000	-0.9996	-0.9996	0.0000
2023-10-10T12:23:41	1	0	212	212	0	0.8779	0.8786	0.0007	0.9682	0.9685	-0.0003
2023-10-10T12:25:11	2	0	11	11	0	1.0395	1.0376	-0.0019	0.9985	0.9985	0.0000
2023-10-10T12:34:50	1	0	1	1	0	1.0558	1.0555	-0.0003	0.9867	0.9867	0.0000
2023-10-10T12:46:17	1	0	1	2	-1	1.0556	1.0556	-0.0001	-0.9905	-0.9903	-0.0002
2023-10-10T12:55:07	2	0	26	22	4	0.9398	0.9408	0.0010	0.8375	0.8394	-0.0019
2023-10-10T12:55:13	2	0	20	18	2	1.0417	1.0422	0.0004	0.9988	0.9989	-0.0001
2023-10-10T12:58:51	2	0	7	9	-2	1.0512	1.0508	-0.0004	0.9977	0.9979	-0.0002
2023-10-10T13:03:58	3	0	1	2	-1	1.0560	1.0560	0.0000	0.9998	0.9998	0.0000
2023-10-10T13:10:08	2	0	84	62	22	1.0569	1.0560	-0.0010	-0.9845	-0.9867	0.0022
2023-10-10T13:21:47	3	0	11	10	1	1.0370	1.0375	0.0005	0.9895	0.989	0.0005
2023-10-10T13:25:19	5	0	3	3	0	1.0457	1.0312	-0.0145	0.9897	0.9896	0.0001
2023-10-10T13:31:59	3	0	8	10	-2	1.0601	1.0583	-0.0019	1	-1	0.0000
2023-10-10T13:40:48	5	0	13	13	0	1.0482	1.0482	0.0000	-0.99	-0.99	0.0000
2023-10-10T13:42:49	1	0	1	2	-1	0.9437	0.9993	0.0556	0.9992	0.9992	0.0000
2023-10-10T13:49:01	1	0	1	1	0	1.0555	1.0551	-0.0004	0.9991	0.9991	0.0000
2023-10-10T13:51:59	2	0	1	1	0	1.0559	1.0552	-0.0007	-0.9853	-0.9854	0.0001
2023-10-10T14:02:01	1	0	15	15	0	1.0548	1.0548	-0.0001	1	1	0.0000
2023-10-10T14:04:02	1	0	1	1	0	1.0554	1.0553	-0.0001	0.9996	0.9996	0.0000
2023-10-10T14:04:56	1	0	1	1	0	1.0589	1.0586	-0.0003	0.9849	0.9849	0.0000
2023-10-10T14:05:30	3	0	34	29	5	0.9310	0.9313	0.0003	0.9449	0.9452	-0.0003
2023-10-10T14:06:03	7	0	6	6	0	1.0410	1.0408	-0.0002	0.9365	0.9707	-0.0342
2023-10-10T14:07:24	1	0	1	1	0	1.0577	1.0575	-0.0002	-0.9998	-0.9998	0.0000
2023-10-10T14:08:55	1	0	1	2	-1	0.9432	0.9991	0.0559	0.9482	0.9482	0.0000
2023-10-10T14:10:12	2	0	90	88	2	1.0562	1.0560	-0.0002	-0.9839	-0.9843	0.0004
2023-10-10T14:10:32	2	0	4	4	0	1.0085	1.0083	-0.0002	0.9753	0.9752	0.0001
2023-10-10T14:10:50	4	0	9	9	0	1.0490	1.0489	-0.0001	-0.9896	-0.9897	0.0001
2023-10-10T14:11:10	1	0	4	5	-1	1.0546	1.0505	-0.0042	0.3031	0.3033	-0.0002
2023-10-10T14:12:51	2	0	3	3	0	1.0070	1.0067	-0.0003	0.9993	0.9993	0.0000
2023-10-10T14:13:56	9	0	7	7	0	1.0411	1.0411	0.0000	0.9939	0.994	-0.0001
2023-10-10T14:15:32	1	0	6	6	0	1.0486	1.0486	0.0000	0.9887	0.9887	0.0000
2023-10-10T14:17:02	2	0	13	13	0	1.0541	1.0541	-0.0001	-0.9999	-1	0.0001
2023-10-10T14:19:00	2	0	2	2	0	1.0356	1.0353	-0.0003	0.9926	0.9926	0.0000
2023-10-10T14:19:40	1	0	48	48	0	1.0495	1.0497	0.0002	-0.9934	-0.9934	0.0000
2023-10-10T14:19:51	6	0	7	6	1	1.0477	1.0474	-0.0003	-0.9995	-0.9995	0.0000
2023-10-10T14:21:22	2	0	10	10	0	1.0462	1.0461	-0.0001	-0.9962	-0.9962	0.0000
2023-10-10T14:22:25	1	0	1	1	0	1.0563	1.0562	-0.0001	-0.9999	-0.9999	0.0000
2023-10-10T14:22:38	1	0	3	3	0	1.0318	1.0318	-0.0001	0.966	0.9661	-0.0001
2023-10-10T14:23:56	2	0	2	1	1	1.0610	1.0579	-0.0031	0.9501	0.9492	0.0009
2023-10-10T14:24:12	1	0	6	6	0	1.0466	1.0465	-0.0001	-0.9783	-0.9783	0.0000
2023-10-10T14:25:13	2	0	90	90	0	1.0565	1.0563	-0.0002	-0.984	-0.9844	0.0004
2023-10-10T14:25:33	2	0	3	3	0	1.0334	1.0331	-0.0003	0.9796	0.9795	0.0001
2023-10-10T14:25:34	1	0	20	19	1	1.0445	1.0438	-0.0007	-0.9994	-0.9994	0.0000
2023-10-10T14:25:51	2	0	11	10	1	1.0465	1.0465	0.0001	-0.9881	-0.9882	0.0001
2023-10-10T14:26:11	3	0	4	4	0	1.0494	1.0493	-0.0002	0.6461	0.64	0.0061

2023-10-10T14:29:00	6	0	225	218	7	1.0594	1.0593	-0.0001	-0.9819	-0.982	0.0001
2023-10-10T14:29:33	7	0	14	14	0	1.0486	1.0482	-0.0004	0.994	0.9939	0.0001
2023-10-10T14:30:18	1	0	2	2	0	1.0166	1.0166	-0.0001	-0.9998	-0.9998	0.0000
2023-10-10T14:30:20	3	0	8	8	0	1.0525	1.0525	-0.0001	0.9927	0.9929	-0.0002
2023-10-10T14:32:03	2	0	8	8	0	1.0412	1.0412	0.0000	0.9995	0.999	0.0005
2023-10-10T14:32:16	1	0	1	1	0	1.0562	1.0554	-0.0008	-0.9931	-0.9933	0.0002
2023-10-10T14:33:19	1	0	11	11	0	1.0404	1.0404	0.0000	0.9615	0.9612	0.0003
2023-10-10T14:34:01	2	0	5	5	0	0.9860	0.9860	0.0000	0.9915	0.9915	0.0000
2023-10-10T14:34:04	3	0	6	5	1	1.0400	1.0377	-0.0022	1	0.9999	0.0001
2023-10-10T14:34:41	1	0	59	59	0	1.0515	1.0515	0.0000	-0.9905	-0.9906	0.0001
2023-10-10T14:34:52	5	0	3	3	0	1.0499	1.0495	-0.0005	-0.9994	-0.9994	0.0000
2023-10-10T14:36:12	2	0	46	46	0	0.9223	0.9223	0.0000	0.9919	0.9918	0.0001
2023-10-10T14:37:26	1	0	1	1	0	1.0562	1.0561	-0.0001	-1	-1	0.0000
2023-10-10T14:38:12	1	0	13	13	0	1.0337	1.0336	-0.0001	0.9725	0.9725	0.0000
2023-10-10T14:38:57	2	0	1	1	0	1.0568	1.0565	-0.0003	0.9525	0.9525	0.0000
2023-10-10T14:39:02	1	0	46	46	0	0.9355	0.9359	0.0005	0.9991	0.999	0.0001
2023-10-10T14:39:13	1	0	7	7	0	1.0458	1.0458	0.0000	-0.9789	-0.9788	-0.0001
2023-10-10T14:40:14	2	0	90	91	-1	1.0571	1.0569	-0.0001	-0.9869	-0.9872	0.0003
2023-10-10T14:40:20	2	0	22	22	0	1.0403	1.0403	0.0000	0.9994	0.9994	0.0000
2023-10-10T14:40:34	2	0	36	36	0	0.9348	0.9348	0.0000	0.9354	0.9353	0.0001
2023-10-10T14:40:52	2	0	5	5	0	1.0490	1.0490	-0.0001	-0.9888	-0.9888	0.0000
2023-10-10T14:41:12	1	0	5	5	0	1.0419	1.0419	0.0000	0.4497	0.4478	0.0019
2023-10-10T14:41:50	1	0	6	6	0	1.0556	1.0554	-0.0002	-0.9924	-0.9924	0.0000
2023-10-10T14:43:03	3	0	1	0	1	1.0306	null	null	0.9968	0.9967	0.0001
2023-10-10T14:44:01	1	0	141	141	0	1.0574	1.0574	0.0000	-0.9856	-0.9856	0.0000
2023-10-10T14:45:17	7	0	13	13	0	1.0453	1.0450	-0.0003	0.9939	0.9938	0.0001
2023-10-10T14:51:06	1	0	4	4	0	1.0274	1.0273	-0.0002	0.9381	0.9372	0.0009
2023-10-10T14:52:27	1	0	1	1	0	1.0390	1.0385	-0.0005	-1	-1	0.0000
2023-10-10T14:55:50	8	0	27	26	1	1.0550	1.0549	-0.0002	0.9997	0.9996	0.0001
2023-10-10T14:56:13	2	0	6	6	0	1.0436	1.0436	0.0000	1	1	0.0000
2023-10-10T14:59:45	1	0	11	11	0	1.0536	1.0536	0.0000	0.988	0.9879	0.0001
2023-10-10T14:59:58	3	0	617	617	0	1.1360	1.1357	-0.0003	0.9692	0.9687	0.0005
2023-10-10T15:00:22	3	0	2	2	0	1.0439	1.0439	-0.0001	0.999	0.9983	0.0007
2023-10-10T15:01:14	1	0	8	8	0	1.0215	1.0215	0.0000	0.9989	0.9989	0.0000
2023-10-10T15:02:03	6	0	3	2	1	1.0109	0.9878	-0.0231	0.9976	0.9975	0.0001
2023-10-10T15:02:05	1	0	16	14	2	1.0539	1.0539	0.0000	0.9996	0.9996	0.0000
2023-10-10T15:03:54	1	0	15	12	3	1.0455	1.0456	0.0001	-0.9999	-1	0.0001
2023-10-10T15:03:58	2	0	14	13	1	1.0524	1.0521	-0.0002	0.998	0.998	0.0000
2023-10-10T15:07:28	1	0	3	3	0	1.0364	1.0362	-0.0001	-1	-1	0.0000
2023-10-10T15:08:14	2	0	23	18	5	1.0468	1.0440	-0.0027	0.9563	0.9562	0.0001
2023-10-10T15:13:47	1	0	21	20	1	1.0459	1.0460	0.0000	-0.9768	-0.9767	-0.0001
2023-10-10T15:14:59	1	0	127	213	-86	0.8792	0.9994	0.1202	0.978	0.9887	-0.0107
2023-10-10T15:15:23	1	0	2	1	1	1.0599	1.0592	-0.0008	0.9999	0.9999	0.0000
2023-10-10T15:16:07	1	0	6	6	0	1.0210	1.0209	-0.0001	0.9454	0.945	0.0004
2023-10-10T15:17:06	1	0	27	27	0	1.0556	1.0556	0.0000	0.9997	0.9997	0.0000
2023-10-10T15:21:26	2	0	9	9	0	1.0444	1.0444	0.0000	-0.9988	-0.9988	0.0000
2023-10-10T15:21:55	2	0	11	11	0	1.0362	1.0362	-0.0001	0.9895	0.9892	0.0003
2023-10-10T15:30:24	1	0	3	3	0	1.0326	1.0325	-0.0001	0.9988	0.9987	0.0001
2023-10-10T15:31:28	2	0	45	45	0	1.0516	1.0515	-0.0001	0.9951	0.9951	0.0000
2023-10-10T15:37:28	1	0	6	6	0	1.0021	1.0021	0.0000	0.9898	0.9898	0.0000
2023-10-10T15:42:57	1	0	24	22	2	1.0524	1.0531	0.0007	-0.9988	-0.9988	0.0000
2023-10-10T15:45:29	1	0	59	60	-1	1.0547	1.0545	-0.0002	0.9409	0.9401	0.0008
2023-10-10T15:49:57	1	0	10	10	0	1.0448	1.0448	0.0000	-0.9987	-0.9984	-0.0003
2023-10-10T15:51:10	6	0	4	4	0	1.0389	1.0385	-0.0004	0.992	0.9704	0.0216
2023-10-10T15:51:19	1	0	18	16	2	1.0521	1.0519	-0.0002	-0.947	-0.947	0.0000
2023-10-10T15:54:02	1	0	1	2	-1	0.9339	0.9948	0.0609	0.9524	0.9528	-0.0004
2023-10-10T16:00:26	1	0	1	1	0	1.0237	1.0235	-0.0002	0.9993	0.9994	-0.0001
2023-10-10T16:04:45	1	0	267	266	1	1.0626	1.0626	0.0000	-0.8548	-0.8543	-0.0005
2023-10-10T16:05:04	1	0	1	1	0	1.0372	1.0372	0.0000	0.9799	0.9798	0.0001
2023-10-10T16:06:58	1	0	11	11	0	1.0377	1.0377	0.0000	0.9905	0.9902	0.0003
2023-10-10T16:07:48	1	0	3	3	0	1.0324	1.0324	0.0000	0.9765	0.9766	-0.0001
2023-10-10T16:09:03	2	0	6	7	-1	0.9701	0.9824	0.0123	0.9551	0.9553	-0.0002
2023-10-10T16:15:27	1	0	1	2	-1	1.0230	1.0415	0.0185	0.9984	0.9985	-0.0001
2023-10-10T16:16:11	1	0	5	5	0	1.0092	1.0092	0.0000	0.9569	0.9504	0.0065
2023-10-10T16:21:30	1	0	12	12	0	1.0409	1.0408	-0.0001	-0.9978	-0.9978	0.0000
2023-10-10T16:41:00	2	0	12	12	0	1.0420	1.0420	0.0000	-0.9917	-0.9917	0.0000
2023-10-10T16:45:29	1	0	1	2	-1	1.0259	1.0422	0.0163	0.9982	0.999	-0.0008
2023-10-10T17:09:09	1	0	82	82	0	0.9411	0.9412	0.0001	0.9571	0.9569	0.0002
2023-10-10T17:15:09	1	0	14	14	0	1.0459	1.0459	0.0000	-0.9919	-0.9919	0.0000
2023-10-10T17:40:59	1	0	13	12	1	0.9428	0.9429	0.0001	-0.9952	-0.9949	-0.0003
2023-10-11T08:08:24	3	0	842	842	0	1.0713	1.0713	0.0000	0.9845	0.9844	0.0001
2023-10-11T08:09:54	1	0	122	122	0	1.0570	1.0569	0.0000	0.9999	0.9999	0.0000
2023-10-11T08:18:11	1	0	12	12	0	0.9655	0.9656	0.0001	0.956	0.9555	0.0005
2023-10-11T08:20:00	2	0	226	225	1	1.0673	1.0673	-0.0001	0.9759	0.9758	0.0001
2023-10-11T08:20:03	1	0	14	13	1	0.9444	0.9445	0.0001	-0.9998	-0.9998	0.0000
2023-10-11T08:25:23	1	0	3	3	0	1.0216	1.0215	-0.0002	-0.9669	-0.9664	-0.0005
2023-10-11T08:28:18	2	0	3	3	0	1.0336	1.0335	-0.0002	-0.9881	-0.9882	0.0001
2023-10-11T08:28:55	1	0	24	23	1	1.0510	1.0508	-0.0002	-0.8927	-0.8918	-0.0009
2023-10-11T08:36:26	1	0	15	15	0	0.9398	0.9401	0.0003	-0.9986	-0.9984	-0.0002
2023-10-11T08:36:28	1	0	21	21	0	1.0528	1.0527	-0.0001	0.9752	0.975	0.0002
2023-10-11T08:39:21	1	0	98	98	0	1.0552	1.0552	0.0000	0.9738	0.9737	0.0001
2023-10-11T08:43:56	1	0	82	81	1	1.0550	1.0549	-0.0001	-0.8789	-0.8783	-0.0006
2023-10-11T08:52:50	1	0	210	210	0	1.0599	1.0599	0.0000	-0.9838	-0.9837	-0.0001
2023-10-11T09:04:31	1	0	80	80	0	1.0553	1.0550	-0.0003	-0.9898	-0.9901	0.0003
2023-10-11T09:05:28	1	0	8	8	0	0.9874	0.9873	-0.0001	0.9653	0.9654	-0.0001

2023-10-11T09:14:17	1	0	3	3	0	0.9953	0.9952	-0.0001	0.9795	0.9799	-0.0004
2023-10-11T09:17:14	1	0	2	2	0	1.0189	1.0187	-0.0003	0.9869	0.9868	0.0001
2023-10-11T09:18:15	4	0	11	11	0	0.9667	0.9666	-0.0001	0.9438	0.9431	0.0007
2023-10-11T09:20:07	1	0	18	17	1	1.0524	1.0523	-0.0001	0.9998	0.9998	0.0000
2023-10-11T09:27:19	1	0	1	1	0	1.0117	1.0114	-0.0003	0.9999	0.9999	0.0000
2023-10-11T09:28:42	2	0	2	2	0	1.0287	1.0285	-0.0003	-0.9836	-0.9837	0.0001
2023-10-11T09:29:10	1	0	1	1	0	1.0462	1.0458	-0.0004	-0.9998	-0.9999	0.0001
2023-10-11T09:31:30	1	0	1	1	0	1.0402	1.0398	-0.0004	-0.9997	-0.9997	0.0000
2023-10-11T09:32:22	1	0	2	2	0	1.0249	1.0246	-0.0003	0.9961	0.9961	0.0000
2023-10-11T09:32:31	1	0	21	20	1	0.9707	0.9720	0.0013	0.9442	0.9441	0.0001
2023-10-11T09:33:23	1	0	116	109	7	0.9193	0.9198	0.0005	0.9985	0.9978	0.0007
2023-10-11T09:34:33	1	0	22	16	6	0.9408	0.9413	0.0005	0.8461	0.8473	-0.0012
2023-10-11T09:35:08	4	0	32	28	4	1.0507	1.0501	-0.0005	-1	-1	0.0000
2023-10-11T09:36:08	1	0	1	1	0	1.0564	1.0556	-0.0008	-0.9982	-0.9983	0.0001
2023-10-11T09:40:26	1	0	2	2	0	1.0131	1.0107	-0.0023	0.9948	0.9944	0.0004
2023-10-11T09:42:59	1	0	3	3	0	1.0273	1.0271	-0.0002	0.9963	0.9963	0.0000
2023-10-11T09:45:23	1	0	1	1	0	0.9073	0.9076	0.0003	0.99	0.9899	0.0001
2023-10-11T09:45:48	1	0	10	10	0	1.0387	1.0386	-0.0001	-0.9968	-0.9968	0.0000
2023-10-11T09:48:17	1	0	1	1	0	0.9397	0.9406	0.0009	0.9514	0.952	-0.0006
2023-10-11T09:51:33	1	0	3	3	0	1.0032	1.0033	0.0000	0.9763	0.9767	-0.0004
2023-10-11T09:54:06	2	0	158	122	36	1.0585	1.0571	-0.0014	0.9872	0.9864	0.0008
2023-10-11T09:55:12	1	0	3	3	0	1.1318	1.1317	-0.0001	0.982	0.982	0.0000
2023-10-11T09:55:29	2	0	3	3	0	1.0173	1.0171	-0.0002	0.9644	0.964	0.0004
2023-10-11T09:55:29	1	0	1	1	0	1.0332	1.0328	-0.0004	-0.9679	-0.9677	-0.0002
2023-10-11T09:56:23	1	0	7	7	0	1.0481	1.0478	-0.0003	0.9999	0.9998	0.0001
2023-10-11T09:56:31	1	0	25	24	1	1.0566	1.0567	0.0000	0.9352	0.9352	0.0000
2023-10-11T09:59:01	1	0	72	72	0	1.0540	1.0540	0.0000	-0.8673	-0.8665	-0.0008
2023-10-11T09:59:12	4	0	11	8	3	1.0469	1.0462	-0.0007	-0.9995	-0.9995	0.0000
2023-10-11T10:00:24	1	0	1	1	0	0.9047	0.9047	0.0000	0.9893	0.9891	0.0002
2023-10-11T10:00:49	1	0	7	7	0	1.0446	1.0446	0.0000	-0.9973	-0.9972	-0.0001
2023-10-11T10:02:17	1	0	2	2	0	1.0155	1.0155	0.0000	0.9852	0.9853	-0.0001
2023-10-11T10:03:25	2	0	128	122	6	0.9164	0.9172	0.0007	0.999	0.9989	0.0001
2023-10-11T10:03:41	1	0	13	13	0	1.0456	1.0455	-0.0001	0.9941	0.9941	0.0000
2023-10-11T10:04:35	1	0	29	25	4	1.0531	1.0520	-0.0012	-0.9815	-0.9829	0.0014
2023-10-11T10:04:57	1	0	11	11	0	1.0411	1.0410	-0.0001	0.9873	0.9872	0.0001
2023-10-11T10:05:07	2	0	15	13	2	1.0517	1.0527	0.0010	0.9735	0.9732	0.0003
2023-10-11T10:05:10	9	0	17	10	7	1.0451	1.0429	-0.0022	-1	1	0.0000
2023-10-11T10:05:32	1	0	9	9	0	0.9758	0.9757	-0.0001	0.9628	0.9627	0.0001
2023-10-11T10:06:10	1	0	1	1	0	1.0620	1.0608	-0.0012	-0.9987	-0.9987	0.0000
2023-10-11T10:06:32	1	0	1	1	0	0.9363	0.9376	0.0013	-0.9985	-0.9982	-0.0003
2023-10-11T10:06:34	1	0	12	9	3	1.0388	1.0343	-0.0045	0.9891	0.9888	0.0003
2023-10-11T10:08:05	2	0	72	70	2	0.9317	0.9328	0.0011	0.9926	0.9929	-0.0003
2023-10-11T10:09:07	2	0	62	27	35	1.0563	1.0554	-0.0009	0.9842	0.9832	0.0010
2023-10-11T10:09:19	1	0	13	13	0	1.0020	1.0020	0.0000	0.9724	0.9722	0.0002
2023-10-11T10:09:38	1	0	6	6	0	1.0172	1.0171	0.0000	0.9999	0.9999	0.0000
2023-10-11T10:09:52	2	0	20	18	2	1.0491	1.0495	0.0004	0.925	0.9246	0.0004
2023-10-11T10:09:54	1	0	3	3	0	0.8427	0.8428	0.0001	0.9677	0.9683	-0.0006
2023-10-11T10:10:02	3	0	33	28	5	1.0543	1.0543	0.0000	1	1	0.0000
2023-10-11T10:10:13	1	0	126	126	0	0.8666	0.8670	0.0003	0.9792	0.9793	-0.0001
2023-10-11T10:10:51	1	0	10	10	0	1.0171	1.0169	-0.0001	0.9581	0.9574	0.0007
2023-10-11T10:11:08	2	0	4	2	2	1.0394	1.0154	-0.0240	0.9955	0.9951	0.0004
2023-10-11T10:11:24	1	0	2	2	0	1.0522	1.0520	-0.0002	1	1	0.0000
2023-10-11T10:12:22	1	0	2	2	0	1.0163	1.0160	-0.0003	0.9999	0.9999	0.0000
2023-10-11T10:13:25	2	0	2	1	1	1.0361	1.0349	-0.0013	-0.975	-0.9759	0.0009
2023-10-11T10:13:46	2	0	3	3	0	1.0441	1.0439	-0.0002	-0.9835	-0.984	0.0005
2023-10-11T10:14:02	2	0	108	100	8	1.0574	1.0569	-0.0005	-0.8773	-0.8781	0.0008
2023-10-11T10:15:16	1	0	4	4	0	1.0470	1.0468	-0.0002	-0.9986	-0.9985	-0.0001
2023-10-11T10:15:50	1	0	4	4	0	1.0347	1.0346	-0.0002	-0.9972	-0.9972	0.0000
2023-10-11T10:16:49	2	0	8	8	0	1.0025	1.0024	-0.0001	0.9839	0.9842	-0.0003
2023-10-11T10:17:04	1	0	4	4	0	1.0331	1.0329	-0.0001	0.9806	0.9805	0.0001
2023-10-11T10:18:19	1	0	15	12	3	0.9423	0.9421	-0.0002	0.9444	0.9445	-0.0001
2023-10-11T10:20:08	3	0	22	21	1	1.0547	1.0544	-0.0003	0.972	0.9718	0.0002
2023-10-11T10:22:27	1	0	1	1	0	1.0579	1.0576	-0.0003	1	0.9999	0.0001
2023-10-11T10:24:20	3	0	15	14	1	0.9886	0.9918	0.0033	0.9722	0.9721	0.0001
2023-10-11T10:26:25	1	0	12	12	0	1.0514	1.0514	0.0000	1	1	0.0000
2023-10-11T10:29:14	1	0	1	1	0	1.0339	1.0335	-0.0004	-0.9959	-0.9959	0.0000
2023-10-11T10:29:14	1	0	3	3	0	1.0507	1.0501	-0.0006	-0.9999	-0.9999	0.0000
2023-10-11T10:29:22	1	0	3	3	0	0.9973	0.9971	-0.0002	0.9691	0.9695	-0.0004
2023-10-11T10:29:23	1	0	1	1	0	1.0365	1.0361	-0.0004	0.9872	0.9871	0.0001
2023-10-11T10:31:50	1	0	10	10	0	1.0186	1.0185	-0.0001	0.9871	0.9872	-0.0001
2023-10-11T10:32:05	2	0	7	5	2	1.0176	1.0299	0.0123	0.9792	0.9791	0.0001
2023-10-11T10:32:26	1	0	2	2	0	1.0186	1.0181	-0.0006	0.9751	0.9662	0.0089
2023-10-11T10:32:35	2	0	27	25	2	0.9472	0.9478	0.0006	0.9447	0.9447	0.0000
2023-10-11T10:33:43	5	0	15	13	2	1.0499	1.0485	-0.0014	0.9933	0.9931	0.0002
2023-10-11T10:34:59	1	0	11	10	1	1.0425	1.0425	0.0000	0.9866	0.9867	-0.0001
2023-10-11T10:35:12	3	0	32	32	0	1.0495	1.0497	0.0002	0.9999	0.9997	0.0002
2023-10-11T10:35:13	2	0	2	2	0	1.0475	1.0470	-0.0005	-0.9973	-0.9973	0.0000
2023-10-11T10:42:17	6	0	1	1	0	1.0349	1.0321	-0.0028	-0.9948	-0.9951	0.0003
2023-10-11T10:43:03	1	0	5	5	0	1.0278	1.0276	-0.0002	0.9961	0.9961	0.0000
2023-10-11T10:44:15	1	0	4	4	0	1.0526	1.0526	0.0000	-0.9992	-0.9993	0.0001
2023-10-11T10:44:15	1	0	2	2	0	1.0343	1.0340	-0.0002	-0.9973	-0.9973	0.0000
2023-10-11T10:45:26	2	0	46	46	0	0.9250	0.9250	0.0000	0.9957	0.9956	0.0001
2023-10-11T10:50:13	8	0	31	30	1	1.0493	1.0486	-0.0007	1	0.9997	0.0003
2023-10-11T10:50:36	2	0	4	4	0	1.0532	1.0530	-0.0002	0.9242	0.9212	0.0030
2023-10-11T10:54:41	1	0	9	9	0	1.0230	1.0230	0.0000	-0.9999	-0.9999	0.0000

2023-10-11T10:56:30	1	0	3	3	0	1.0384	1.0381	-0.0003	0.979	0.9789	0.0001
2023-10-11T10:58:27	1	0	8	8	0	1.0428	1.0428	0.0000	0.9672	0.967	0.0002
2023-10-11T10:58:28	3	0	20	19	1	1.0520	1.0511	-0.0009	-0.9791	-0.9792	0.0001
2023-10-11T10:58:40	2	0	4	3	1	1.0460	1.0367	-0.0093	0.9883	0.9873	0.0010
2023-10-11T10:59:24	1	0	3	3	0	0.9961	0.9960	-0.0001	0.967	0.9678	-0.0008
2023-10-11T10:59:31	1	0	13	12	1	1.0523	1.0520	-0.0003	0.9888	0.9888	0.0000
2023-10-11T10:59:57	1	0	42	40	2	1.0512	1.0509	-0.0003	0.9853	0.9853	0.0000
2023-10-11T11:00:53	1	0	11	10	1	1.0486	1.0495	0.0009	-0.9972	-0.9972	0.0000
2023-10-11T11:01:16	1	0	10	10	0	1.0359	1.0359	-0.0001	0.9873	0.987	0.0003
2023-10-11T11:02:07	1	0	7	6	1	1.0171	1.0311	0.0140	0.9803	0.9824	-0.0021
2023-10-11T11:02:18	1	0	5	5	0	1.0571	1.0570	-0.0002	0.9916	0.9914	0.0002
2023-10-11T11:03:53	1	0	12	12	0	1.0504	1.0502	-0.0002	0.994	0.994	0.0000
2023-10-11T11:04:52	2	0	1	0	1	1.0557	null	null	0.9852	0.985	0.0002
2023-10-11T11:04:55	5	0	2	2	0	1.0556	1.0551	-0.0005	-0.6741	-0.6759	0.0018
2023-10-11T11:05:14	11	0	36	36	0	1.0524	1.0520	-0.0004	0.9999	0.9999	0.0000
2023-10-11T11:07:03	2	0	23	21	2	1.0491	1.0484	-0.0007	-0.9853	-0.9853	0.0000
2023-10-11T11:07:59	3	0	155	148	7	1.0574	1.0573	-0.0001	-0.9839	-0.9841	0.0002
2023-10-11T11:10:06	1	0	51	50	1	1.0552	1.0552	0.0000	-1	-1	0.0000
2023-10-11T11:10:34	1	0	1	1	0	0.9392	0.9397	0.0005	-0.9839	-0.9839	0.0000
2023-10-11T11:11:31	1	0	2	2	0	1.0740	1.0735	-0.0006	0.9974	0.9973	0.0001
2023-10-11T11:11:36	1	0	21	20	1	1.0590	1.0590	0.0000	0.9219	0.9217	0.0002
2023-10-11T11:16:16	2	0	5	5	0	1.0409	1.0403	-0.0006	0.9907	0.9904	0.0003
2023-10-11T11:16:37	2	0	2	1	1	1.0478	1.0395	-0.0083	-0.9994	-0.9995	0.0001
2023-10-11T11:17:38	2	0	30	29	1	0.9684	0.9654	-0.0030	0.9356	0.9355	0.0001
2023-10-11T11:18:23	2	0	3	1	2	1.0204	0.9402	-0.0802	0.9551	0.9547	0.0004
2023-10-11T11:19:53	2	0	2	1	1	1.0006	0.9446	-0.0561	0.9761	0.9746	0.0015
2023-10-11T11:20:02	1	0	17	16	1	1.0442	1.0442	0.0000	0.9884	0.9884	0.0000
2023-10-11T11:20:15	2	0	31	31	0	1.0505	1.0504	-0.0001	0.9999	0.9999	0.0000
2023-10-11T11:29:17	1	0	1	0	1	1.0552	null	null	0.8305	0.83	0.0005
2023-10-11T11:29:18	6	0	2	2	0	1.0484	1.0479	-0.0006	-1	-1	0.0000
2023-10-11T11:30:14	2	0	5	4	1	1.0629	1.0568	-0.0061	0.9983	0.9979	0.0004
2023-10-11T11:30:29	2	0	44	44	0	0.9200	0.9200	0.0000	0.9946	0.9946	0.0000
2023-10-11T11:30:55	6	0	13	12	1	1.0444	1.0453	0.0009	-0.9941	-0.9941	0.0000
2023-10-11T11:31:38	1	0	1	1	0	1.0579	1.0579	0.0000	-0.9999	-0.9999	0.0000
2023-10-11T11:32:09	2	0	4	3	1	1.0138	1.0392	0.0254	0.9797	0.9798	-0.0001
2023-10-11T11:32:39	4	0	16	14	2	1.0148	1.0087	-0.0061	0.9305	0.9304	0.0001
2023-10-11T11:33:24	3	0	2	1	1	1.0581	1.0562	-0.0019	0.948	0.9474	0.0006
2023-10-11T11:35:39	3	0	5	5	0	1.0523	1.0523	-0.0001	0.5383	0.5338	0.0045
2023-10-11T11:39:25	4	0	9	12	-3	1.0239	1.0288	0.0049	0.9676	0.9675	0.0001
2023-10-11T11:40:19	1	0	347	338	9	0.8795	0.8805	0.0010	0.9665	0.9669	-0.0004
2023-10-11T11:41:30	1	0	2	2	0	0.9911	0.9909	-0.0002	0.9916	0.991	0.0006
2023-10-11T11:42:21	6	0	1	1	0	1.0331	1.0331	0.0000	-0.9974	-0.9973	-0.0001
2023-10-11T11:42:23	2	0	8	8	0	1.0297	1.0287	-0.0011	-0.9731	-0.9785	0.0054
2023-10-11T11:43:52	2	0	4	4	0	1.0504	1.0476	-0.0028	-0.9774	-0.977	-0.0004
2023-10-11T11:45:22	1	0	2	2	0	1.0453	1.0453	0.0000	0.9861	0.9862	-0.0001
2023-10-11T11:45:30	2	0	44	44	0	0.9178	0.9178	0.0000	0.9949	0.9949	0.0000
2023-10-11T11:46:01	2	0	6	5	1	1.0618	1.0580	-0.0038	0.9988	0.9985	0.0003
2023-10-11T11:48:14	1	0	1	1	0	1.0562	1.0558	-0.0004	0.9618	0.9617	0.0001
2023-10-11T11:48:32	2	0	1	1	0	0.9383	0.9385	0.0002	0.9993	0.9993	0.0000
2023-10-11T11:49:42	1	0	14	14	0	1.0513	1.0513	0.0000	0.975	0.9756	-0.0006
2023-10-11T11:49:58	5	0	2	2	0	1.0569	1.0567	-0.0002	-0.6879	-0.6878	-0.0001
2023-10-11T11:51:39	1	0	1	2	-1	0.9364	0.9403	0.0039	-0.9981	-0.9982	0.0001
2023-10-11T11:52:06	2	0	108	106	2	1.0553	1.0552	-0.0001	-0.9877	-0.9879	0.0002
2023-10-11T11:57:24	1	0	6	6	0	1.0229	1.0229	0.0000	-0.9739	-0.9737	-0.0002
2023-10-11T12:00:23	1	0	2	2	0	1.0451	1.0451	0.0000	0.9866	0.9866	0.0000
2023-10-11T12:00:31	2	0	44	44	0	0.9200	0.9200	0.0000	0.9968	0.9968	0.0000
2023-10-11T12:01:39	2	0	14	13	1	0.9941	0.9788	-0.0153	0.9843	0.9836	0.0007
2023-10-11T12:03:26	3	0	4	4	0	1.0051	1.0050	-0.0001	0.9536	0.9538	-0.0002
2023-10-11T12:03:33	2	0	3	3	0	0.9402	0.9405	0.0003	0.9998	0.9998	0.0000
2023-10-11T12:05:07	1	0	23	23	0	1.0538	1.0535	-0.0002	-0.9997	-0.9997	0.0000
2023-10-11T12:08:03	7	0	178	176	2	1.0574	1.0574	0.0000	-0.9839	-0.9838	-0.0001
2023-10-11T12:09:30	1	0	41	40	1	1.0500	1.0498	-0.0001	0.9857	0.9857	0.0000
2023-10-11T12:13:54	2	0	4	4	0	1.0540	1.0513	-0.0027	-0.972	-0.9713	-0.0007
2023-10-11T12:15:06	3	0	1	1	0	1.0184	1.0169	-0.0015	0.9735	0.9733	0.0002
2023-10-11T12:15:42	1	0	31	31	0	1.0553	1.0552	-0.0001	-0.9011	-0.9017	0.0006
2023-10-11T12:17:53	3	0	7	5	2	1.0538	1.0520	-0.0018	0.96	0.9598	0.0002
2023-10-11T12:26:33	3	0	2	2	0	1.0015	1.0010	-0.0005	0.9961	0.9963	-0.0002
2023-10-11T12:27:26	1	0	6	7	-1	1.0232	1.0276	0.0044	-0.9979	-0.9947	-0.0032
2023-10-11T12:39:37	2	0	5	4	1	1.0567	1.0559	-0.0008	-0.9916	-0.9916	0.0000
2023-10-11T12:40:23	1	0	400	400	0	1.1447	1.1441	-0.0006	0.9671	0.9646	0.0025
2023-10-11T12:45:45	1	0	3	3	0	1.0613	1.0613	0.0000	-0.9743	-0.9742	-0.0001
2023-10-11T12:48:18	1	0	17	17	0	0.9269	0.9269	0.0000	0.9605	0.9606	-0.0001
2023-10-11T12:49:48	1	0	34	34	0	1.0557	1.0557	0.0000	0.9917	0.9924	-0.0007
2023-10-11T12:50:10	1	0	19	20	-1	1.0361	1.0371	0.0010	0.9977	0.9977	0.0000
2023-10-11T12:57:26	6	0	4	4	0	1.0454	1.0454	0.0000	-0.9939	-0.9936	-0.0003
2023-10-11T12:59:14	1	0	35	34	1	1.0487	1.0485	-0.0002	-0.9923	-0.9923	0.0000
2023-10-11T12:59:24	3	0	2	2	0	0.9324	0.9331	0.0007	0.9996	0.9991	0.0005
2023-10-11T13:00:36	6	0	3	3	0	1.0062	1.0058	-0.0005	0.9901	0.9899	0.0002
2023-10-11T13:03:30	3	0	2	1	1	1.0596	1.0554	-0.0042	0.9641	0.9643	-0.0002
2023-10-11T13:20:04	3	0	2	4	-2	1.0525	1.0514	-0.0011	-0.6449	-0.643	-0.0019
2023-10-11T13:32:17	2	0	3	2	1	0.9982	1.0283	0.0301	0.9697	0.97	-0.0003
2023-10-11T13:35:05	2	0	1	1	0	1.0581	1.0581	0.0000	-0.6648	-0.6639	-0.0009
2023-10-11T13:41:38	2	0	2	2	0	0.9951	0.9947	-0.0004	0.9917	0.9916	0.0001
2023-10-11T13:42:31	1	0	81	81	0	1.0838	1.0834	-0.0004	-0.9948	-0.9948	0.0000
2023-10-11T13:44:27	6	0	3	3	0	0.9307	0.9310	0.0003	0.9998	0.9998	0.0000

2023-10-11T13:48:33	1	0	1	1	0	1.0635	1.0628	-0.0007	0.9449	0.9448	0.0001
2023-10-11T13:48:40	3	0	9	9	0	0.9585	0.9583	-0.0002	0.9999	0.9998	0.0001
2023-10-11T13:50:06	2	0	1	1	0	1.0582	1.0580	-0.0002	-0.6599	-0.6596	-0.0003
2023-10-11T13:55:28	1	0	271	274	-3	1.0671	1.1430	0.0760	0.9628	0.9689	-0.0061
2023-10-11T14:01:40	2	0	1	1	0	1.0559	1.0552	-0.0007	-0.9843	-0.9844	0.0001
2023-10-11T14:03:23	1	0	1	1	0	1.0561	1.0558	-0.0003	0.9576	0.9575	0.0001
2023-10-11T14:03:34	1	0	1	1	0	1.0616	1.0614	-0.0002	0.9473	0.9473	0.0000
2023-10-11T14:05:07	2	0	1	1	0	1.0586	1.0585	-0.0001	-0.6646	-0.6642	-0.0004
2023-10-11T14:05:37	2	0	4	3	1	1.0666	1.0583	-0.0083	0.9909	0.9901	0.0008
2023-10-11T14:09:35	2	0	12	12	0	1.0277	1.0276	-0.0001	0.9626	0.9627	-0.0001
2023-10-11T14:09:45	1	0	46	0	46	1.0613	null	null	-0.6526	-0.7677	0.1151
2023-10-11T14:10:29	3	0	517	212	305	1.0959	1.0665	-0.0294	0.9524	0.9418	0.0106
2023-10-11T14:10:35	1	0	1	1	0	1.0590	1.0583	-0.0007	-0.9926	-0.9928	0.0002
2023-10-11T14:11:40	2	0	7	8	-1	1.0587	1.0571	-0.0016	0.9998	0.9998	0.0000
2023-10-11T14:14:02	2	0	5	5	0	1.0471	1.0470	-0.0001	-0.9687	-0.9689	0.0002
2023-10-11T14:16:29	3	0	8	9	-1	1.0369	1.0363	-0.0006	0.9824	0.9823	0.0001
2023-10-11T14:16:41	2	0	1	0	1	1.0552	null	null	-0.9853	-0.9853	0.0000
2023-10-11T14:18:24	1	0	1	0	1	1.0551	null	null	0.9571	0.9571	0.0000
2023-10-11T14:18:42	2	0	4	4	0	0.9408	0.9411	0.0002	0.9988	0.9988	0.0000
2023-10-11T14:20:08	2	0	1	1	0	1.0568	1.0566	-0.0002	-0.7225	-0.7223	-0.0002
2023-10-11T14:20:16	6	0	39	37	2	1.0506	1.0505	-0.0002	-0.9962	-0.9963	0.0001
2023-10-11T14:20:27	26	0	43	42	1	1.0529	1.0521	-0.0009	1	1	0.0000
2023-10-11T14:20:28	2	0	1	2	-1	1.0551	1.0551	0.0001	-0.9967	-0.9967	0.0000
2023-10-11T14:21:07	2	0	2	1	1	1.0734	1.0594	-0.0140	0.9909	0.9876	0.0033
2023-10-11T14:21:51	1	0	1	1	0	0.9434	0.9438	0.0004	-0.9927	-0.9925	-0.0002
2023-10-11T14:22:16	2	0	77	74	3	1.0537	1.0536	-0.0001	-0.964	-0.9642	0.0002
2023-10-11T14:24:36	3	0	10	10	0	1.0243	1.0243	-0.0001	0.9624	0.9623	0.0001
2023-10-11T14:25:30	3	0	520	237	283	1.1469	1.1390	-0.0080	0.962	0.9554	0.0066
2023-10-11T14:26:02	1	0	1	1	0	1.0571	1.0566	-0.0005	-0.991	-0.9911	0.0001
2023-10-11T14:26:08	1	0	3	3	0	1.0176	1.0176	0.0000	0.9627	0.9627	0.0000
2023-10-11T14:26:41	2	0	12	10	2	1.0530	1.0545	0.0015	0.9998	0.9998	0.0000
2023-10-11T14:27:34	1	0	4	4	0	1.0125	1.0122	-0.0003	-0.9996	-0.9996	0.0000
2023-10-11T14:28:02	2	0	12	12	0	1.0426	1.0426	-0.0001	0.9646	0.9645	0.0001
2023-10-11T14:28:33	1	0	17	17	0	1.0460	1.0459	-0.0001	0.9998	0.9997	0.0001
2023-10-11T14:29:03	2	0	5	5	0	1.0431	1.0430	-0.0001	-0.9617	-0.962	0.0003
2023-10-11T14:32:06	1	0	10	10	0	1.0005	1.0005	0.0000	0.9785	0.9784	0.0001
2023-10-11T14:32:21	2	0	4	4	0	1.0278	1.0274	-0.0004	0.9759	0.9758	0.0001
2023-10-11T14:32:53	1	0	6	6	0	1.0302	1.0302	0.0000	0.9555	0.9555	0.0000
2023-10-11T14:33:36	1	0	1	0	1	0.9447	null	null	0.9498	0.9499	-0.0001
2023-10-11T14:33:46	2	0	1	1	0	0.9350	0.9352	0.0002	0.9997	0.9997	0.0000
2023-10-11T14:34:55	2	0	62	31	31	1.0555	1.0545	-0.0010	-0.9767	-0.9792	0.0025
2023-10-11T14:35:06	2	0	3	3	0	1.0264	1.0260	-0.0003	0.9664	0.9662	0.0002
2023-10-11T14:35:09	2	0	1	1	0	1.0559	1.0557	-0.0002	-0.7154	-0.7152	-0.0002
2023-10-11T14:35:25	1	0	31	30	1	1.0568	1.0567	0.0000	0.9699	0.9698	0.0001
2023-10-11T14:35:28	23	0	48	38	10	1.0548	1.0543	-0.0005	1	0.9999	0.0001
2023-10-11T14:35:29	2	0	16	16	0	1.0472	1.0472	0.0000	-0.998	-0.9981	0.0001
2023-10-11T14:36:17	2	0	3	3	0	1.0647	1.0647	0.0000	0.7532	0.752	0.0012
2023-10-11T14:36:58	3	0	5	4	1	1.0633	1.0576	-0.0057	0.9931	0.9921	0.0010
2023-10-11T14:39:25	1	0	14	14	0	1.0530	1.0530	0.0000	0.9887	0.9879	0.0008
2023-10-11T14:39:37	4	0	11	11	0	1.0293	1.0292	-0.0001	0.9642	0.964	0.0002
2023-10-11T14:40:50	1	0	1	1	0	1.0351	1.0347	-0.0004	-0.9798	-0.9797	-0.0001
2023-10-11T14:41:39	1	0	1	1	0	1.0573	1.0568	-0.0005	-0.9918	-0.9919	0.0001
2023-10-11T14:41:42	1	0	2	2	0	0.9771	0.9769	-0.0003	0.9916	0.991	0.0006
2023-10-11T14:41:42	2	0	11	11	0	1.0530	1.0530	0.0000	0.9998	0.9998	0.0000
2023-10-11T14:42:35	1	0	82	82	0	1.1322	1.1320	-0.0002	-0.998	-0.9994	0.0014
2023-10-11T14:42:57	1	0	2	2	0	1.0458	1.0455	-0.0003	0.9982	0.9982	0.0000
2023-10-11T14:43:43	1	0	11	10	1	1.0457	1.0456	-0.0001	0.9583	0.9579	0.0004
2023-10-11T14:44:04	2	0	5	5	0	1.0431	1.0431	0.0000	-0.966	-0.966	0.0000
2023-10-11T14:46:31	3	0	9	9	0	1.0373	1.0372	-0.0001	0.9859	0.9855	0.0004
2023-10-11T14:46:53	1	0	2	2	0	1.0391	1.0390	-0.0001	-0.9999	-0.9999	0.0000
2023-10-11T14:47:22	2	0	4	4	0	1.0318	1.0318	-0.0001	0.9749	0.9749	0.0000
2023-10-11T14:48:37	2	0	2	2	0	0.9967	0.9956	-0.0012	0.9382	0.9377	0.0005
2023-10-11T14:51:18	1	0	5	5	0	1.0510	1.0510	0.0000	0.8599	0.8591	0.0008
2023-10-11T14:51:40	2	0	4	4	0	1.0557	1.0554	-0.0003	-0.999	-0.999	0.0000
2023-10-11T14:54:48	7	0	7	7	0	1.0119	1.0113	-0.0006	-0.9972	-0.9982	0.0010
2023-10-11T14:55:32	3	0	276	276	0	1.1375	1.1374	0.0000	0.9668	0.9667	0.0001
2023-10-11T14:58:35	1	0	17	17	0	1.0459	1.0459	0.0000	1	1	0.0000
2023-10-11T15:01:32	1	0	10	10	0	1.0381	1.0381	0.0000	0.9864	0.9861	0.0003
2023-10-11T15:01:54	1	0	5	5	0	1.0433	1.0432	-0.0001	-1	-1	0.0000
2023-10-11T15:02:55	2	0	54	54	0	1.0514	1.0514	0.0000	0.9423	0.9423	0.0000
2023-10-11T15:03:38	2	0	1	1	0	0.9323	0.9332	0.0009	0.9443	0.9453	-0.0010
2023-10-11T15:03:59	1	0	1	1	0	1.0320	1.0317	-0.0003	-0.9989	-0.9989	0.0000
2023-10-11T15:04:10	3	0	40	38	2	1.0471	1.0464	-0.0007	0.9567	0.9563	0.0004
2023-10-11T15:05:31	2	0	24	24	0	1.0459	1.0459	0.0000	-0.9956	-0.9956	0.0000
2023-10-11T15:07:35	2	0	7	7	0	1.0448	1.0439	-0.0008	0.9981	0.998	0.0001
2023-10-11T15:10:33	1	0	131	131	0	0.9045	0.9053	0.0008	0.9758	0.9762	-0.0004
2023-10-11T15:11:46	2	0	2	2	0	0.9873	0.9867	-0.0007	0.9933	0.9932	0.0001
2023-10-11T15:11:49	1	0	16	15	1	1.0534	1.0533	-0.0001	0.9993	0.9992	0.0001
2023-10-11T15:14:22	1	0	245	243	2	1.0613	1.0612	0.0000	-0.8599	-0.8613	0.0014
2023-10-11T15:18:39	1	0	1	2	-1	0.9326	0.9939	0.0613	0.9389	0.9393	-0.0004
2023-10-11T15:20:31	7	0	44	43	1	1.0486	1.0496	0.0010	0.9999	0.9999	0.0000
2023-10-11T15:26:14	1	0	1	1	0	1.0238	1.0235	-0.0003	0.9786	0.9784	0.0002
2023-10-11T15:28:51	1	0	3	4	-1	1.0414	1.0450	0.0037	-0.9846	-0.9844	-0.0002
2023-10-11T15:30:47	2	0	2	2	0	1.0398	1.0395	-0.0003	0.9951	0.9951	0.0000
2023-10-11T15:30:56	1	0	13	13	0	1.0497	1.0497	0.0000	-0.9292	-0.9293	0.0001

2023-10-11T15:35:29	1	0	24	24	0	1.0539	1.0538	-0.0001	0.9741	0.974	0.0001
2023-10-11T15:43:07	1	0	11	10	1	1.0444	1.0442	-0.0002	0.9758	0.9757	0.0001
2023-10-11T15:43:48	2	0	6	6	0	0.9765	0.9763	-0.0002	0.9873	0.9872	0.0001
2023-10-11T15:47:26	1	0	4	5	-1	1.0315	1.0141	-0.0173	0.9813	0.9792	0.0021
2023-10-11T15:47:47	1	0	2	2	0	1.0183	1.0171	-0.0011	0.9674	0.9671	0.0003
2023-10-11T16:03:52	2	0	282	282	0	0.8200	0.8204	0.0004	0.9986	0.9987	-0.0001
2023-10-11T16:05:15	2	0	6	6	0	1.0491	1.0489	-0.0003	-0.7704	-0.7711	0.0007
2023-10-11T16:39:55	1	0	34	33	1	1.0510	1.0509	-0.0001	0.9777	0.9777	0.0000
2023-10-11T16:43:56	1	0	7	7	0	1.0385	1.0383	-0.0002	-0.9836	-0.9839	0.0003
2023-10-11T17:03:49	1	0	123	120	3	0.9425	0.9425	0.0000	0.9526	0.9524	0.0002
2023-10-11T17:05:27	1	0	38	38	0	1.0554	1.0554	0.0000	0.9994	0.9994	0.0000
2023-10-11T17:20:39	2	0	31	29	2	0.9419	0.9420	0.0001	-0.999	-0.9988	-0.0002
2023-10-12T08:06:30	1	0	90	89	1	1.0534	1.0533	-0.0001	0.9864	0.9867	-0.0003
2023-10-12T08:13:21	2	0	4	4	0	1.0331	1.0328	-0.0002	-0.9959	-0.9959	0.0000
2023-10-12T08:13:59	1	0	65	63	2	1.0535	1.0534	-0.0001	-0.8808	-0.8802	-0.0006
2023-10-12T08:36:30	1	0	1	1	0	0.9337	0.9340	0.0003	-0.9986	-0.9983	-0.0003
2023-10-12T08:48:16	1	0	14	12	2	0.9432	0.9430	-0.0002	0.9503	0.9495	0.0008
2023-10-12T09:01:05	2	0	117	117	0	1.0650	1.0648	-0.0002	-0.9955	-0.9955	0.0000
2023-10-12T09:05:38	1	0	11	11	0	0.9825	0.9824	-0.0001	0.9677	0.9677	0.0000
2023-10-12T09:10:02	1	0	98	98	0	1.0565	1.0564	-0.0001	0.9999	0.9999	0.0000
2023-10-12T09:16:14	1	0	14	14	0	1.0363	1.0362	-0.0001	0.991	0.9909	0.0001
2023-10-12T09:17:03	2	0	7	7	0	1.0333	1.0331	-0.0002	0.9822	0.9822	0.0000
2023-10-12T09:17:20	1	0	1	1	0	1.0099	1.0095	-0.0004	0.9887	0.9886	0.0001
2023-10-12T09:25:04	1	0	3	3	0	0.9395	0.9398	0.0003	0.9712	0.971	0.0002
2023-10-12T09:26:52	1	0	3	3	0	0.9922	0.9920	-0.0002	0.9793	0.979	0.0003
2023-10-12T09:28:02	1	0	5	5	0	1.0259	1.0258	-0.0001	0.997	0.997	0.0000
2023-10-12T09:28:50	2	0	2	2	0	1.0306	1.0303	-0.0003	-0.981	-0.9812	0.0002
2023-10-12T09:31:34	1	0	4	4	0	1.0389	1.0387	-0.0002	-0.9998	-0.9998	0.0000
2023-10-12T09:32:10	1	0	1	1	0	1.0151	1.0148	-0.0003	0.9663	0.9662	0.0001
2023-10-12T09:33:28	1	0	131	129	2	0.9157	0.9163	0.0005	0.9962	0.9961	0.0001
2023-10-12T09:35:09	3	0	64	60	4	1.0584	1.0583	-0.0001	0.9745	0.9743	0.0002
2023-10-12T09:35:29	1	0	8	8	0	1.0161	1.0160	0.0000	-0.9997	-0.9997	0.0000
2023-10-12T09:36:14	1	0	3	3	0	1.0348	1.0344	-0.0004	-0.9976	-0.9976	0.0000
2023-10-12T09:39:12	2	0	151	139	12	1.0585	1.0573	-0.0012	0.9786	0.9778	0.0008
2023-10-12T09:39:30	1	0	1	0	1	1.0557	null	null	-0.9899	-0.9899	0.0000
2023-10-12T09:40:28	1	0	9	9	0	1.0208	1.0202	-0.0006	0.9599	0.9591	0.0008
2023-10-12T09:40:28	1	0	1	1	0	1.0282	1.0270	-0.0012	-0.9884	-0.9882	-0.0002
2023-10-12T09:40:37	1	0	7	7	0	1.0134	1.0134	0.0000	0.9991	0.9991	0.0000
2023-10-12T09:42:14	3	0	1	0	1	1.0281	null	null	-0.9951	-0.9952	0.0001
2023-10-12T09:45:11	1	0	1	1	0	0.9406	0.9413	0.0007	0.9995	0.9995	0.0000
2023-10-12T09:45:31	1	0	1	1	0	0.8963	0.8966	0.0003	0.9933	0.9931	0.0002
2023-10-12T09:45:39	5	0	4	3	1	1.0541	1.0502	-0.0039	0.9865	0.9596	0.0269
2023-10-12T09:47:22	1	0	2	2	0	1.0166	1.0166	0.0000	0.9892	0.9892	0.0000
2023-10-12T09:47:36	1	0	34	33	1	0.9601	0.9607	0.0006	0.9661	0.966	0.0001
2023-10-12T09:49:44	2	0	5	5	0	1.0377	1.0375	-0.0001	0.9807	0.9805	0.0002
2023-10-12T09:49:49	3	0	1	1	0	1.0122	1.0111	-0.0011	0.9827	0.9815	0.0012
2023-10-12T09:50:10	1	0	49	50	-1	1.0570	1.0573	0.0003	0.9745	0.9744	0.0001
2023-10-12T09:50:11	7	0	21	20	1	1.0482	1.0474	-0.0008	-0.9978	-0.9981	0.0003
2023-10-12T09:50:30	1	0	7	7	0	1.0153	1.0152	-0.0001	-1	-1	0.0000
2023-10-12T09:50:53	1	0	4	4	0	1.0373	1.0372	-0.0001	0.9999	0.9999	0.0000
2023-10-12T09:51:37	1	0	10	10	0	1.0469	1.0469	0.0000	0.9874	0.9877	-0.0003
2023-10-12T09:54:13	1	0	6	6	0	1.0494	1.0494	0.0000	0.9807	0.9807	0.0000
2023-10-12T09:55:06	1	0	5	5	0	0.8770	0.8783	0.0013	0.9606	0.9608	-0.0002
2023-10-12T09:55:14	2	0	4	0	4	0.9509	null	null	0.9963	0.9963	0.0000
2023-10-12T09:55:23	1	0	3	3	0	1.1365	1.1364	-0.0001	0.9824	0.9823	0.0001
2023-10-12T09:55:29	2	0	1	1	0	1.0266	1.0262	-0.0004	-0.9839	-0.9838	-0.0001
2023-10-12T09:55:29	1	0	9	9	0	1.0157	1.0152	-0.0004	0.9722	0.9676	0.0046
2023-10-12T09:58:10	1	0	2	2	0	1.0154	1.0151	-0.0003	0.9999	0.9998	0.0001
2023-10-12T09:59:06	1	0	31	31	0	1.0504	1.0504	0.0000	-0.8869	-0.8861	-0.0008
2023-10-12T10:00:12	2	0	17	15	2	0.9422	0.9426	0.0004	0.9974	0.9974	0.0000
2023-10-12T10:00:32	1	0	1	1	0	0.9048	0.9048	0.0000	0.9934	0.9932	0.0002
2023-10-12T10:01:05	2	0	37	32	5	1.0555	1.0549	-0.0006	0.9627	0.9624	0.0003
2023-10-12T10:03:21	1	0	1	1	0	0.9408	0.9413	0.0005	0.9573	0.9576	-0.0003
2023-10-12T10:03:30	1	0	139	139	0	0.9133	0.9140	0.0006	0.9984	0.9989	-0.0005
2023-10-12T10:04:45	2	0	5	5	0	1.0254	1.0253	-0.0001	0.9791	0.9791	0.0000
2023-10-12T10:04:50	2	0	2	2	0	1.0036	1.0024	-0.0011	0.9744	0.9728	0.0016
2023-10-12T10:05:11	2	0	12	12	0	1.0479	1.0476	-0.0004	0.921	0.9205	0.0005
2023-10-12T10:05:12	2	0	18	16	2	1.0486	1.0474	-0.0012	-0.9951	-0.9954	0.0003
2023-10-12T10:05:31	2	0	5	5	0	1.0143	1.0142	-0.0001	0.9988	0.9985	0.0003
2023-10-12T10:05:42	1	0	7	7	0	1.0017	1.0014	-0.0003	0.9653	0.9652	0.0001
2023-10-12T10:05:54	1	0	5	5	0	1.0415	1.0414	-0.0001	0.9953	0.995	0.0003
2023-10-12T10:06:16	1	0	8	8	0	0.9740	0.9738	-0.0003	1	1	0.0000
2023-10-12T10:06:38	2	0	74	63	11	1.0528	1.0517	-0.0011	0.9961	0.9961	0.0000
2023-10-12T10:07:27	3	0	2	2	0	1.0394	1.0387	-0.0007	-0.9775	-0.9779	0.0004
2023-10-12T10:08:11	3	0	70	65	5	0.9343	0.9355	0.0011	0.9907	0.991	-0.0003
2023-10-12T10:09:08	1	0	13	13	0	1.0026	1.0026	0.0000	0.9745	0.9743	0.0002
2023-10-12T10:09:42	1	0	6	6	0	1.0189	1.0189	0.0000	-0.9994	-0.9994	0.0000
2023-10-12T10:10:06	2	0	73	63	10	1.0561	1.0556	-0.0005	-1	-1	0.0000
2023-10-12T10:10:09	1	0	15	14	1	0.9227	0.9228	0.0002	0.9574	0.9581	-0.0007
2023-10-12T10:10:24	1	0	126	126	0	0.8638	0.8642	0.0004	0.9806	0.9807	-0.0001
2023-10-12T10:11:33	2	0	15	12	3	1.0505	1.0500	-0.0006	-1	1	0.0000
2023-10-12T10:11:54	1	0	4	4	0	1.0011	1.0010	-0.0001	0.9813	0.9816	-0.0003
2023-10-12T10:13:05	1	0	4	4	0	1.0274	1.0270	-0.0004	0.9972	0.9972	0.0000
2023-10-12T10:13:24	1	0	20	18	2	1.0446	1.0446	0.0000	0.954	0.9538	0.0002
2023-10-12T10:13:53	2	0	3	3	0	1.0431	1.0429	-0.0003	-0.9825	-0.983	0.0005

2023-10-12T10:14:07	1	0	59	58	1	1.0534	1.0527	-0.0006	-0.8658	-0.8662	0.0004
2023-10-12T10:15:27	2	0	46	46	0	0.9238	0.9238	0.0000	0.9915	0.9915	0.0000
2023-10-12T10:16:37	1	0	2	1	1	1.0390	1.0390	0.0000	-0.9999	-0.9999	0.0000
2023-10-12T10:16:52	2	0	12	12	0	1.0191	1.0190	-0.0001	0.9893	0.9893	0.0000
2023-10-12T10:17:07	2	0	8	8	0	1.0325	1.0321	-0.0004	0.9813	0.981	0.0003
2023-10-12T10:17:13	1	0	2	2	0	1.0248	1.0243	-0.0005	0.9781	0.9779	0.0002
2023-10-12T10:18:47	6	0	32	26	6	1.0484	1.0476	-0.0008	0.9981	0.998	0.0001
2023-10-12T10:20:13	6	0	15	14	1	1.0485	1.0468	-0.0017	-0.9952	-0.9955	0.0003
2023-10-12T10:20:32	3	0	3	3	0	1.0196	1.0188	-0.0008	0.9997	0.9995	0.0002
2023-10-12T10:21:37	1	0	1	1	0	0.9403	0.9417	0.0014	-0.997	-0.9965	-0.0005
2023-10-12T10:22:30	1	0	1	1	0	1.0588	1.0585	-0.0003	0.9891	0.989	0.0001
2023-10-12T10:24:21	3	0	12	12	0	1.0009	1.0009	-0.0001	0.9745	0.9743	0.0002
2023-10-12T10:25:09	1	0	40	38	2	1.0550	1.0550	-0.0001	-0.9999	-0.9999	0.0000
2023-10-12T10:25:47	1	0	1	0	1	1.0567	null	null	0.9951	0.9949	0.0002
2023-10-12T10:26:49	1	0	17	16	1	1.0568	1.0569	0.0001	0.9283	0.9283	0.0000
2023-10-12T10:27:08	2	0	2	2	0	1.0056	1.0058	0.0002	-0.9829	-0.9865	0.0036
2023-10-12T10:29:09	2	0	13	13	0	1.0436	1.0435	-0.0001	-0.9943	-0.9944	0.0001
2023-10-12T10:30:52	1	0	7	7	0	1.0426	1.0425	-0.0001	-0.999	-0.999	0.0000
2023-10-12T10:31:28	3	0	1	1	0	1.0327	1.0317	-0.0010	0.9953	0.9943	0.0010
2023-10-12T10:34:58	2	0	1	1	0	1.0348	1.0343	-0.0005	-0.9382	-0.9394	0.0012
2023-10-12T10:39:16	1	0	3	0	3	1.0486	null	null	0.9726	0.9719	0.0007
2023-10-12T10:41:35	1	0	12	12	0	1.0524	1.0524	0.0000	0.9997	0.9997	0.0000
2023-10-12T10:43:31	2	0	1	1	0	1.0351	1.0314	-0.0037	-0.9911	-0.9917	0.0006
2023-10-12T10:44:19	1	0	2	2	0	1.0360	1.0360	0.0000	-0.9976	-0.9977	0.0001
2023-10-12T10:48:55	1	0	17	17	0	1.0494	1.0494	0.0000	0.9968	0.9968	0.0000
2023-10-12T10:50:34	2	0	7	7	0	1.0165	1.0163	-0.0002	-0.9995	-0.9998	0.0003
2023-10-12T10:50:36	2	0	2	2	0	1.0370	1.0368	-0.0003	-0.9963	-0.9963	0.0000
2023-10-12T10:50:57	2	0	4	4	0	1.0504	1.0502	-0.0003	0.9444	0.9419	0.0025
2023-10-12T10:54:45	1	0	3	3	0	1.0170	1.0169	-0.0001	-1	-1	0.0000
2023-10-12T10:55:11	1	0	109	106	3	1.0574	1.0574	0.0000	-0.9999	-0.9999	0.0000
2023-10-12T10:55:33	2	0	1	1	0	1.0304	1.0275	-0.0029	-0.982	-0.9826	0.0006
2023-10-12T10:55:42	1	0	9	9	0	1.0203	1.0202	-0.0001	0.9988	0.9988	0.0000
2023-10-12T10:56:31	1	0	2	2	0	1.0743	1.0738	-0.0006	0.9995	0.9995	0.0000
2023-10-12T10:56:57	1	0	3	3	0	0.9965	0.9964	-0.0001	0.9757	0.9765	-0.0008
2023-10-12T10:57:23	1	0	81	81	0	1.1389	1.1186	-0.0203	-0.9875	-0.9877	0.0002
2023-10-12T10:58:27	1	0	13	13	0	1.0455	1.0454	0.0000	0.9591	0.9589	0.0002
2023-10-12T10:58:32	1	0	1	1	0	1.0575	1.0570	-0.0005	-0.9925	-0.9925	0.0000
2023-10-12T11:01:13	2	0	116	114	2	1.0651	1.0644	-0.0007	-0.9945	-0.9947	0.0002
2023-10-12T11:01:55	1	0	10	10	0	1.0035	1.0036	0.0000	0.9865	0.9866	-0.0001
2023-10-12T11:03:25	3	0	4	4	0	0.9711	0.9710	-0.0001	0.956	0.9557	0.0003
2023-10-12T11:03:56	1	0	50	45	5	1.0541	1.0539	-0.0002	0.9975	0.9975	0.0000
2023-10-12T11:03:57	3	0	37	35	2	1.0463	1.0461	-0.0002	0.9649	0.9648	0.0001
2023-10-12T11:04:08	1	0	3	3	0	1.0663	1.0660	-0.0003	0.9885	0.9883	0.0002
2023-10-12T11:05:15	3	0	8	7	1	1.0480	1.0480	0.0000	0.913	0.9118	0.0012
2023-10-12T11:05:19	2	0	2	2	0	1.0483	1.0476	-0.0006	-0.9997	-0.9997	0.0000
2023-10-12T11:10:11	2	0	2	1	1	1.0562	1.0560	-0.0002	-0.9895	-0.9899	0.0004
2023-10-12T11:10:12	1	0	63	63	0	1.0559	1.0559	0.0000	-0.9999	-0.9999	0.0000
2023-10-12T11:12:11	2	0	2	2	0	1.0005	1.0007	0.0002	-0.9654	-0.9704	0.0050
2023-10-12T11:13:03	2	0	6	3	3	1.0512	1.0406	-0.0106	0.9989	0.9987	0.0002
2023-10-12T11:16:22	1	0	9	9	0	1.0383	1.0383	0.0000	0.9844	0.984	0.0004
2023-10-12T11:16:41	1	0	4	4	0	1.0504	1.0496	-0.0008	0.9578	0.959	-0.0012
2023-10-12T11:18:27	1	0	44	43	1	1.0530	1.0529	-0.0001	-0.9767	-0.9769	0.0002
2023-10-12T11:18:58	2	0	41	41	0	1.0472	1.0468	-0.0003	0.9648	0.9646	0.0002
2023-10-12T11:19:44	2	0	16	16	0	1.0488	1.0487	-0.0001	0.9971	0.9968	0.0003
2023-10-12T11:20:33	1	0	2	2	0	1.0567	1.0566	-0.0002	0.977	0.9769	0.0001
2023-10-12T11:23:03	1	0	96	95	1	1.0528	1.0528	-0.0001	-0.9821	-0.9821	0.0000
2023-10-12T11:25:29	1	0	266	266	0	0.8865	0.8866	0.0001	0.9695	0.97	-0.0005
2023-10-12T11:28:45	3	0	36	35	1	0.9794	0.9794	0.0001	0.9774	0.9763	0.0011
2023-10-12T11:30:32	2	0	45	45	0	0.9143	0.9143	0.0000	0.9876	0.9876	0.0000
2023-10-12T11:31:32	3	0	1	1	0	1.0576	1.0576	0.0000	0.996	0.9962	-0.0002
2023-10-12T11:31:37	2	0	1	0	1	1.0552	null	null	-0.983	-0.983	0.0000
2023-10-12T11:31:42	7	0	17	13	4	1.0529	1.0517	-0.0012	0.9761	0.9757	0.0004
2023-10-12T11:32:12	2	0	4	3	1	1.0147	1.0403	0.0256	0.9793	0.9794	-0.0001
2023-10-12T11:32:39	1	0	1	0	1	1.0303	null	null	0.9534	0.9527	0.0007
2023-10-12T11:35:18	20	0	18	16	2	1.0496	1.0481	-0.0015	-0.9975	-0.9987	0.0012
2023-10-12T11:40:45	1	0	5	5	0	1.0193	1.0193	0.0000	0.9992	0.9992	0.0000
2023-10-12T11:41:54	1	0	19	18	1	1.0583	1.0582	-0.0001	0.9201	0.9199	0.0002
2023-10-12T11:45:30	3	0	48	46	2	0.9439	0.9433	-0.0006	0.9741	0.973	0.0011
2023-10-12T11:45:33	2	0	45	45	0	0.9124	0.9124	0.0000	0.9889	0.989	-0.0001
2023-10-12T11:46:33	3	0	1	1	0	1.0583	1.0583	0.0000	0.9944	0.9948	-0.0004
2023-10-12T11:46:43	7	0	5	5	0	1.0227	1.0225	-0.0002	0.9414	0.8966	0.0448
2023-10-12T11:47:57	1	0	8	7	1	1.0511	1.0496	-0.0014	0.9618	0.9616	0.0002
2023-10-12T12:00:34	2	0	45	45	0	0.9259	0.9259	0.0000	0.9909	0.991	-0.0001
2023-10-12T12:01:06	2	0	78	76	2	1.0550	1.0548	-0.0002	-0.9133	-0.9134	0.0001
2023-10-12T12:01:06	1	0	1	0	1	1.0551	null	null	0.981	0.981	0.0000
2023-10-12T12:01:34	3	0	1	1	0	1.0607	1.0607	0.0000	0.9953	0.9957	-0.0004
2023-10-12T12:05:09	1	0	11	10	1	1.0475	1.0464	-0.0011	0.9923	0.9922	0.0001
2023-10-12T12:09:07	1	0	104	103	1	1.0526	1.0526	0.0000	-0.9818	-0.9818	0.0000
2023-10-12T12:11:38	2	0	2	2	0	0.9862	0.9858	-0.0005	0.9965	0.9965	0.0000
2023-10-12T12:15:48	1	0	15	14	1	1.0539	1.0538	-0.0002	-0.9612	-0.9614	0.0002
2023-10-12T12:16:27	1	0	5	4	1	1.0576	1.0526	-0.0050	0.9883	0.9879	0.0004
2023-10-12T12:16:45	1	0	2	2	0	1.0246	1.0246	0.0000	0.89	0.8902	-0.0002
2023-10-12T12:17:47	2	0	27	25	2	1.0471	1.0460	-0.0011	0.9618	0.9617	0.0001
2023-10-12T12:17:59	1	0	7	8	-1	1.0492	1.0501	0.0009	0.957	0.957	0.0000
2023-10-12T12:32:43	1	0	2	2	0	1.0202	1.0202	0.0000	0.9536	0.9531	0.0005

2023-10-12T12:54:10	6	0	135	135	0	1.0545	1.0545	0.0000	-0.979	-0.9789	-0.0001
2023-10-12T12:58:20	1	0	3	3	0	1.0070	1.0070	-0.0001	-0.9465	-0.9462	-0.0003
2023-10-12T13:00:44	3	0	2	2	0	0.9861	0.9859	-0.0002	0.994	0.9939	0.0001
2023-10-12T13:16:50	5	0	3	4	-1	1.0275	1.0250	-0.0025	0.9538	0.9115	0.0423
2023-10-12T13:17:19	2	0	6	7	-1	1.0375	1.0246	-0.0129	0.9762	0.9765	-0.0003
2023-10-12T13:18:35	1	0	77	78	-1	1.0574	1.0569	-0.0004	-0.9833	-0.9878	0.0045
2023-10-12T13:20:25	6	0	20	18	2	1.0522	1.0517	-0.0005	-1	-0.9999	-0.0001
2023-10-12T13:25:53	1	0	5	6	-1	1.0167	1.0184	0.0018	0.9986	0.9986	0.0000
2023-10-12T13:40:38	2	0	279	214	65	0.8858	1.0259	0.1401	0.9618	0.9818	-0.0200
2023-10-12T13:45:53	1	0	1	1	0	1.0563	1.0561	-0.0002	0.9553	0.9553	0.0000
2023-10-12T13:46:15	2	0	42	39	3	1.0521	1.0516	-0.0004	-0.9918	-0.9918	0.0000
2023-10-12T13:48:21	1	0	392	392	0	1.0609	1.0609	0.0000	-0.9593	-0.9591	-0.0002
2023-10-12T13:54:14	3	0	184	180	4	1.0576	1.0575	-0.0001	-0.9791	-0.9792	0.0001
2023-10-12T13:55:55	1	0	5	5	0	1.0166	1.0166	0.0000	0.9982	0.9982	0.0000
2023-10-12T14:05:44	1	0	1	1	0	1.0558	1.0558	0.0000	0.977	0.977	0.0000
2023-10-12T14:08:27	3	0	1	2	-1	0.9434	0.9439	0.0005	0.9958	0.9957	0.0001
2023-10-12T14:09:38	2	0	172	171	1	1.0557	1.0557	0.0000	-0.9775	-0.9776	0.0001
2023-10-12T14:10:51	2	0	1	1	0	1.0578	1.0576	-0.0002	-0.989	-0.989	0.0000
2023-10-12T14:10:56	1	0	7	7	0	1.0183	1.0182	0.0000	0.999	0.999	0.0000
2023-10-12T14:14:33	1	0	2	2	0	1.0395	1.0395	0.0000	-0.997	-0.9972	0.0002
2023-10-12T14:15:55	1	0	1	1	0	1.0574	1.0572	-0.0002	0.9574	0.9574	0.0000
2023-10-12T14:16:15	2	0	124	121	3	1.0565	1.0563	-0.0002	-0.9198	-0.9197	-0.0001
2023-10-12T14:16:35	1	0	5	4	1	1.0644	1.0584	-0.0060	0.9985	0.9972	0.0013
2023-10-12T14:17:08	4	0	6	6	0	0.9928	0.9927	-0.0001	0.9804	0.9803	0.0001
2023-10-12T14:18:38	3	0	1	2	-1	0.9400	0.9978	0.0578	0.9671	0.9672	-0.0001
2023-10-12T14:23:28	3	0	6	6	0	0.9466	0.9469	0.0003	0.9947	0.9948	-0.0001
2023-10-12T14:24:38	5	0	185	182	3	1.0584	1.0584	0.0000	-0.9784	-0.9785	0.0001
2023-10-12T14:25:41	3	0	548	273	275	1.1514	1.1395	-0.0119	0.9705	0.9641	0.0064
2023-10-12T14:25:57	1	0	8	8	0	1.0173	1.0173	0.0000	0.9986	0.9986	0.0000
2023-10-12T14:28:47	2	0	5	5	0	1.0378	1.0401	0.0023	0.9986	0.9986	0.0000
2023-10-12T14:29:34	1	0	2	2	0	1.0383	1.0383	0.0000	-0.9974	-0.9975	0.0001
2023-10-12T14:30:44	2	0	46	46	0	0.9140	0.9140	-0.0001	0.988	0.9878	0.0002
2023-10-12T14:31:16	2	0	166	166	0	1.0558	1.0558	-0.0001	-0.9582	-0.9581	-0.0001
2023-10-12T14:31:35	3	0	9	9	0	1.0385	1.0385	0.0000	0.9862	0.9858	0.0004
2023-10-12T14:32:00	1	0	2	1	1	1.0716	1.0599	-0.0116	0.9961	0.9954	0.0007
2023-10-12T14:32:09	3	0	13	13	0	1.0075	1.0075	0.0000	0.9792	0.9791	0.0001
2023-10-12T14:33:08	3	0	11	9	2	1.0520	1.0508	-0.0013	0.9644	0.9626	0.0018
2023-10-12T14:33:49	2	0	284	282	2	0.8222	0.8289	0.0067	0.992	0.9924	-0.0004
2023-10-12T14:35:30	8	0	30	24	6	1.0507	1.0506	-0.0001	-0.9997	-0.9999	0.0002
2023-10-12T14:38:29	2	0	3	3	0	0.9422	0.9424	0.0002	0.9974	0.9975	-0.0001
2023-10-12T14:40:42	3	0	501	234	267	1.1479	1.1404	-0.0075	0.964	0.9579	0.0061
2023-10-12T14:43:27	1	0	3	3	0	1.0114	1.0114	0.0000	-0.9455	-0.9452	-0.0003
2023-10-12T14:44:35	1	0	2	2	0	1.0376	1.0376	0.0000	-0.9982	-0.9983	0.0001
2023-10-12T14:45:45	2	0	2	2	0	1.0384	1.0384	0.0000	0.9874	0.9874	0.0000
2023-10-12T14:46:15	1	0	17	16	1	1.0510	1.0513	0.0003	0.9501	0.9494	0.0007
2023-10-12T14:46:36	3	0	9	9	0	1.0373	1.0373	0.0000	0.9847	0.9842	0.0005
2023-10-12T14:46:56	1	0	2	0	2	1.0376	null	null	-0.9996	-0.9996	0.0000
2023-10-12T14:47:10	1	0	14	14	0	1.0145	1.0145	0.0000	0.9809	0.9808	0.0001
2023-10-12T14:47:56	1	0	4	2	2	1.0601	1.0573	-0.0028	0.9969	0.9963	0.0006
2023-10-12T14:48:00	3	0	13	12	1	1.0471	1.0461	-0.0010	0.9639	0.9638	0.0001
2023-10-12T14:48:40	1	0	5	5	0	0.9419	0.9427	0.0009	0.9584	0.959	-0.0006
2023-10-12T14:49:28	1	0	21	20	1	1.0435	1.0440	0.0004	0.9387	0.9385	0.0002
2023-10-12T14:50:09	1	0	29	29	0	0.9438	0.9441	0.0003	0.9418	0.9421	-0.0003
2023-10-12T14:50:31	2	0	30	27	3	1.0519	1.0516	-0.0003	-0.9999	-0.9999	0.0000
2023-10-12T14:54:40	11	0	392	376	16	1.0620	1.0618	-0.0002	-0.9492	-0.9498	0.0006
2023-10-12T14:55:43	1	0	210	210	0	0.8692	0.8697	0.0005	0.9707	0.9713	-0.0006
2023-10-12T15:01:57	1	0	1	0	1	1.0400	null	null	-0.9996	-0.9996	0.0000
2023-10-12T15:03:01	1	0	15	14	1	1.0408	1.0396	-0.0011	0.9704	0.9703	0.0001
2023-10-12T15:03:26	1	0	212	211	1	1.0574	1.0574	0.0000	-0.9817	-0.9816	-0.0001
2023-10-12T15:03:52	2	0	5	2	3	1.0367	1.0394	0.0028	0.9996	0.9993	0.0003
2023-10-12T15:07:40	2	0	1	1	0	1.0593	1.0581	-0.0012	0.9989	0.9989	0.0000
2023-10-12T15:09:17	2	0	9	9	0	0.9407	0.9407	0.0001	0.9927	0.975	0.0177
2023-10-12T15:11:12	1	0	1	1	0	1.0567	1.0562	-0.0005	-0.9907	-0.9908	0.0001
2023-10-12T15:18:42	1	0	1	2	-1	0.9406	0.9982	0.0577	0.9628	0.9633	-0.0005
2023-10-12T15:19:04	1	0	1	0	1	1.0328	null	null	-0.9968	-0.9969	0.0001
2023-10-12T15:28:52	2	0	15	13	2	1.0060	1.0009	-0.0051	0.9886	0.9885	0.0001
2023-10-12T15:31:59	1	0	3	3	0	1.0403	1.0402	-0.0001	-0.9999	-0.9999	0.0000
2023-10-12T15:33:53	4	0	52	52	0	0.9321	0.9321	0.0001	0.9999	0.9998	0.0001
2023-10-12T15:40:15	2	0	30	30	0	1.0515	1.0513	-0.0002	0.9334	0.9325	0.0009
2023-10-12T15:41:57	1	0	2	2	0	0.9724	0.9716	-0.0009	0.9982	0.9982	0.0000
2023-10-12T15:47:29	1	0	9	9	0	1.0330	1.0330	0.0000	0.9774	0.9774	0.0000
2023-10-12T15:48:54	1	0	28	27	1	1.0556	1.0556	0.0000	0.9896	0.9897	-0.0001
2023-10-12T15:59:10	1	0	5	5	0	1.0183	1.0183	-0.0001	0.9907	0.9907	0.0000
2023-10-12T16:14:54	1	0	1	1	0	1.0372	1.0369	-0.0003	0.9854	0.9853	0.0001
2023-10-12T16:17:31	1	0	7	8	-1	1.0354	1.0241	-0.0113	0.9811	0.9812	-0.0001
2023-10-12T16:30:12	1	0	3	3	0	1.0170	1.0170	0.0000	1	1	0.0000
2023-10-13T08:06:31	1	0	76	75	1	1.0514	1.0513	-0.0001	0.9912	0.991	0.0002
2023-10-13T08:10:01	1	0	70	69	1	1.0555	1.0555	0.0000	0.9999	0.9999	0.0000
2023-10-13T08:13:55	1	0	85	82	3	1.0549	1.0548	-0.0001	-0.873	-0.8723	-0.0007
2023-10-13T08:22:50	1	0	198	196	2	1.0613	1.0613	0.0000	-0.97	-0.9698	-0.0002
2023-10-13T08:36:32	1	0	1	1	0	0.9360	0.9363	0.0003	-0.9975	-0.9974	-0.0001
2023-10-13T08:40:25	1	0	1	1	0	1.0296	1.0292	-0.0004	-0.9811	-0.9808	-0.0003
2023-10-13T08:49:31	2	0	13	12	1	0.9430	0.9431	0.0001	0.8493	0.8497	-0.0004
2023-10-13T09:05:32	1	0	10	10	0	1.0015	1.0014	-0.0001	0.9741	0.9741	0.0000
2023-10-13T09:09:08	2	0	7	7	0	1.0512	1.0509	-0.0003	0.9876	0.9872	0.0004

2023-10-13T09:17:21	1	0	1	1	0	1.0122	1.0118	-0.0004	0.9913	0.9911	0.0002
2023-10-13T09:19:33	2	0	83	83	0	1.0559	1.0554	-0.0005	-0.9889	-0.9896	0.0007
2023-10-13T09:20:11	2	0	24	23	1	1.0357	1.0356	-0.0001	0.9996	0.9995	0.0001
2023-10-13T09:28:02	1	0	6	6	0	1.0275	1.0274	-0.0001	0.9974	0.9973	0.0001
2023-10-13T09:31:14	1	0	8	8	0	1.0354	1.0354	0.0000	0.9888	0.9885	0.0003
2023-10-13T09:33:11	1	0	4	4	0	1.0077	1.0076	-0.0001	0.9883	0.9884	-0.0001
2023-10-13T09:33:29	1	0	80	79	1	0.9251	0.9252	0.0002	1	1	0.0000
2023-10-13T09:34:34	2	0	17	13	4	0.9412	0.9420	0.0008	0.8443	0.8455	-0.0012
2023-10-13T09:35:07	1	0	25	24	1	1.0545	1.0549	0.0004	0.9781	0.9781	0.0000
2023-10-13T09:35:12	4	0	23	23	0	1.0347	1.0344	-0.0003	0.9996	0.9996	0.0000
2023-10-13T09:36:14	1	0	2	2	0	1.0191	1.0188	-0.0003	-0.9977	-0.9977	0.0000
2023-10-13T09:42:25	1	0	2	2	0	1.0146	1.0143	-0.0002	0.9999	0.9999	0.0000
2023-10-13T09:43:48	2	0	5	5	0	1.0422	1.0421	-0.0001	-0.9752	-0.9757	0.0005
2023-10-13T09:45:28	1	0	42	40	2	0.9391	0.9391	0.0001	0.9896	0.9894	0.0002
2023-10-13T09:45:29	1	0	8	8	0	1.0542	1.0538	-0.0004	0.9153	0.9571	-0.0418
2023-10-13T09:46:15	1	0	12	12	0	1.0348	1.0348	0.0000	0.9905	0.9902	0.0003
2023-10-13T09:46:41	1	0	11	11	0	0.9835	0.9835	0.0000	0.9727	0.9728	-0.0001
2023-10-13T09:46:53	1	0	16	16	0	1.0270	1.0269	-0.0001	0.9923	0.9924	-0.0001
2023-10-13T09:47:05	2	0	7	7	0	1.0345	1.0341	-0.0004	0.9831	0.9831	0.0000
2023-10-13T09:48:30	1	0	136	135	1	0.9068	0.9079	0.0012	0.9987	0.9986	0.0001
2023-10-13T09:49:35	2	0	80	56	24	1.0555	1.0544	-0.0012	-0.9881	-0.9898	0.0017
2023-10-13T09:49:44	2	0	4	4	0	1.0325	1.0323	-0.0002	0.9744	0.9745	-0.0001
2023-10-13T09:50:08	2	0	34	32	2	1.0540	1.0539	-0.0001	0.9785	0.9782	0.0003
2023-10-13T09:50:13	2	0	8	8	0	1.0222	1.0222	0.0000	0.999	0.999	0.0000
2023-10-13T09:50:30	1	0	4	4	0	1.0157	1.0156	-0.0001	-0.9991	-0.9993	0.0002
2023-10-13T09:51:38	1	0	10	10	0	1.0467	1.0467	0.0000	0.9791	0.9795	-0.0004
2023-10-13T09:55:21	1	0	3	3	0	1.1319	1.1318	-0.0001	0.9795	0.9794	0.0001
2023-10-13T09:57:33	2	0	1	0	1	1.0568	null	null	0.9984	0.9982	0.0002
2023-10-13T10:00:29	1	0	1	1	0	0.9048	0.9048	0.0000	0.9962	0.9962	0.0000
2023-10-13T10:01:40	1	0	40	39	1	1.0497	1.0496	-0.0001	-0.9605	-0.9604	-0.0001
2023-10-13T10:02:24	1	0	4	4	0	1.0169	1.0167	-0.0002	0.9904	0.9901	0.0003
2023-10-13T10:02:48	1	0	6	5	1	1.0536	1.0509	-0.0027	0.9721	0.9715	0.0006
2023-10-13T10:03:13	1	0	5	5	0	1.0057	1.0056	-0.0001	0.9893	0.9893	0.0000
2023-10-13T10:03:45	1	0	20	20	0	1.0496	1.0496	-0.0001	0.9959	0.9959	0.0000
2023-10-13T10:04:07	1	0	7	7	0	1.0130	1.0130	0.0000	0.9943	0.9943	0.0000
2023-10-13T10:04:36	2	0	57	44	13	1.0549	1.0539	-0.0010	-0.9899	-0.9908	0.0009
2023-10-13T10:05:00	2	0	1	1	0	1.0074	1.0062	-0.0012	0.9796	0.9782	0.0014
2023-10-13T10:05:09	3	0	40	37	3	1.0568	1.0566	-0.0002	0.9772	0.977	0.0002
2023-10-13T10:05:14	7	0	7	7	0	1.0387	1.0379	-0.0008	1	1	0.0000
2023-10-13T10:05:35	1	0	3	3	0	1.0366	1.0366	-0.0001	-0.9968	-0.9968	0.0000
2023-10-13T10:05:39	1	0	4	4	0	1.0357	1.0356	-0.0001	0.9922	0.9918	0.0004
2023-10-13T10:06:16	1	0	3	3	0	1.0379	1.0372	-0.0007	-0.9958	-0.9959	0.0001
2023-10-13T10:06:38	1	0	1	1	0	0.9434	0.9442	0.0008	-0.9978	-0.9975	-0.0003
2023-10-13T10:09:10	1	0	16	16	0	1.0115	1.0114	-0.0001	0.9771	0.9769	0.0002
2023-10-13T10:09:12	2	0	159	134	25	1.0589	1.0572	-0.0017	0.9841	0.9829	0.0012
2023-10-13T10:09:42	1	0	9	9	0	1.0228	1.0228	-0.0001	-0.9979	-0.9979	0.0000
2023-10-13T10:10:09	2	0	22	20	2	1.0533	1.0535	0.0002	-1	-1	0.0000
2023-10-13T10:10:22	1	0	8	8	0	1.0767	1.0767	-0.0001	0.9799	0.9799	0.0000
2023-10-13T10:10:31	2	0	2	2	0	1.0282	1.0266	-0.0016	-0.9883	-0.9883	0.0000
2023-10-13T10:12:27	1	0	2	1	1	1.0146	1.0194	0.0048	0.9999	0.9999	0.0000
2023-10-13T10:13:50	2	0	5	5	0	1.0433	1.0432	-0.0001	-0.9822	-0.9828	0.0006
2023-10-13T10:14:03	1	0	121	118	3	1.0577	1.0572	-0.0005	-0.8689	-0.8696	0.0007
2023-10-13T10:14:12	1	0	30	30	0	1.0478	1.0478	0.0000	-0.9923	-0.9924	0.0001
2023-10-13T10:15:30	2	0	46	46	0	0.9267	0.9267	0.0000	0.9905	0.9905	0.0000
2023-10-13T10:18:32	2	0	107	97	10	0.9203	0.9210	0.0007	1	0.9999	0.0001
2023-10-13T10:18:47	4	0	113	92	21	1.0555	1.0550	-0.0006	0.9956	0.9955	0.0001
2023-10-13T10:19:47	2	0	10	10	0	1.0361	1.0360	-0.0001	0.9833	0.9833	0.0000
2023-10-13T10:20:01	1	0	26	23	3	0.9416	0.9414	-0.0002	0.9473	0.9474	-0.0001
2023-10-13T10:20:10	3	0	34	30	4	1.0563	1.0562	-0.0001	0.9765	0.976	0.0005
2023-10-13T10:20:15	4	0	31	28	3	1.0521	1.0521	0.0000	-1	-1	0.0000
2023-10-13T10:20:32	5	0	6	6	0	1.0137	1.0131	-0.0006	-0.9999	1	0.0001
2023-10-13T10:20:36	1	0	2	2	0	1.0348	1.0347	-0.0002	-0.9971	-0.9971	0.0000
2023-10-13T10:21:40	1	0	21	16	5	1.0470	1.0436	-0.0034	0.9922	0.9921	0.0001
2023-10-13T10:22:30	1	0	1	1	0	1.0569	1.0566	-0.0003	0.9886	0.9884	0.0002
2023-10-13T10:24:11	3	0	18	18	0	1.0136	1.0135	-0.0001	0.9728	0.9726	0.0002
2023-10-13T10:25:10	1	0	26	25	1	1.0534	1.0533	-0.0002	-1	-1	0.0000
2023-10-13T10:25:25	1	0	7	7	0	1.0459	1.0459	-0.0001	0.9882	0.988	0.0002
2023-10-13T10:26:37	1	0	15	14	1	1.0562	1.0563	0.0001	0.9294	0.9294	0.0000
2023-10-13T10:28:06	1	0	3	3	0	1.0273	1.0271	-0.0001	0.9975	0.9974	0.0001
2023-10-13T10:28:29	1	0	22	22	0	1.0453	1.0453	0.0000	0.971	0.9708	0.0002
2023-10-13T10:29:33	1	0	13	10	3	1.0524	1.0520	-0.0004	0.9658	0.9656	0.0002
2023-10-13T10:30:05	7	0	24	18	6	0.9453	0.9455	0.0002	0.9184	0.9193	-0.0009
2023-10-13T10:30:32	1	0	4	4	0	1.0231	1.0230	-0.0001	0.9094	0.9088	0.0006
2023-10-13T10:31:23	1	0	17	15	2	1.0497	1.0488	-0.0009	0.9965	0.9965	0.0000
2023-10-13T10:31:56	2	0	13	13	0	1.0264	1.0263	-0.0001	0.9921	0.9921	0.0000
2023-10-13T10:33:24	1	0	1	0	1	1.0561	null	null	0.9684	0.9681	0.0003
2023-10-13T10:33:33	1	0	89	83	6	0.9225	0.9229	0.0004	-0.9999	-0.9999	0.0000
2023-10-13T10:36:41	1	0	20	19	1	1.0481	1.0479	-0.0002	0.9942	0.9941	0.0001
2023-10-13T10:43:18	1	0	2	0	2	1.0611	null	null	0.9956	0.9953	0.0003
2023-10-13T10:43:21	1	0	21	20	1	1.0470	1.0471	0.0001	-0.9993	-0.9993	0.0000
2023-10-13T10:43:32	2	0	4	4	0	1.0466	1.0455	-0.0012	-0.9795	-0.9801	0.0006
2023-10-13T10:45:57	1	0	5	5	0	1.0399	1.0397	-0.0002	-0.9984	-0.9984	0.0000
2023-10-13T10:46:24	1	0	17	15	2	1.0522	1.0509	-0.0012	0.998	0.9979	0.0001
2023-10-13T10:46:39	1	0	1	0	1	1.0552	null	null	-0.9981	-0.9981	0.0000
2023-10-13T10:46:57	1	0	15	15	0	1.0317	1.0316	0.0000	0.9908	0.9909	-0.0001

2023-10-13T10:47:22	1	0	2	2	0	1.0369	1.0362	-0.0008	0.9514	0.9542	-0.0028
2023-10-13T10:48:25	1	0	2	1	1	1.0554	1.0550	-0.0004	0.9719	0.9718	0.0001
2023-10-13T10:48:28	1	0	33	32	1	1.0546	1.0546	0.0000	-0.9971	-0.9971	0.0000
2023-10-13T10:50:34	1	0	6	6	0	1.0141	1.0140	-0.0002	-0.9999	-1	0.0001
2023-10-13T10:54:45	1	0	9	9	0	1.0213	1.0213	0.0000	-0.9973	-0.9973	0.0000
2023-10-13T10:55:34	1	0	2	2	0	1.0312	1.0309	-0.0004	-0.985	-0.9849	-0.0001
2023-10-13T10:56:32	1	0	2	2	0	1.0711	1.0706	-0.0005	0.99	0.9899	0.0001
2023-10-13T10:56:35	1	0	3	3	0	1.0318	1.0314	-0.0003	0.9687	0.9686	0.0001
2023-10-13T10:58:22	1	0	21	20	1	1.0469	1.0469	0.0000	-0.9994	-0.9994	0.0000
2023-10-13T10:58:31	1	0	22	22	0	1.0479	1.0479	0.0000	0.9692	0.969	0.0002
2023-10-13T10:58:58	3	0	4	3	1	1.0479	1.0380	-0.0099	0.9963	0.9955	0.0008
2023-10-13T10:59:20	1	0	1	1	0	1.0334	1.0334	0.0000	-0.9997	-0.9997	0.0000
2023-10-13T11:01:20	1	0	11	11	0	1.0366	1.0365	-0.0001	0.989	0.9886	0.0004
2023-10-13T11:03:17	1	0	4	4	0	1.0062	1.0061	-0.0001	0.9839	0.984	-0.0001
2023-10-13T11:03:26	1	0	1	1	0	1.0600	1.0598	-0.0002	0.9532	0.9531	0.0001
2023-10-13T11:03:53	4	0	58	58	0	1.0531	1.0533	0.0002	0.9956	0.9954	0.0002
2023-10-13T11:04:54	1	0	17	16	1	1.0380	1.0380	0.0000	0.9834	0.9835	-0.0001
2023-10-13T11:05:02	2	0	1	0	1	1.0552	null	null	-0.7802	-0.7794	-0.0008
2023-10-13T11:05:13	1	0	39	39	0	1.0578	1.0578	-0.0001	0.9744	0.9743	0.0001
2023-10-13T11:05:21	10	0	36	35	1	1.0537	1.0532	-0.0005	1	0.9997	0.0003
2023-10-13T11:05:43	2	0	7	7	0	1.0454	1.0453	-0.0001	0.9226	0.9183	0.0043
2023-10-13T11:08:01	6	0	198	191	7	1.0565	1.0565	0.0000	-0.9565	-0.957	0.0005
2023-10-13T11:09:16	1	0	199	199	0	1.0648	1.0648	0.0000	0.9964	0.9959	0.0005
2023-10-13T11:10:13	1	0	87	86	1	1.0565	1.0565	0.0000	-0.9999	-0.9999	0.0000
2023-10-13T11:11:40	1	0	32	31	1	1.0597	1.0596	-0.0001	0.9287	0.9283	0.0004
2023-10-13T11:13:34	3	0	12	10	2	1.0552	1.0549	-0.0002	-0.9766	-0.977	0.0004
2023-10-13T11:14:28	1	0	1	0	1	1.0551	null	null	0.9827	0.9827	0.0000
2023-10-13T11:14:36	1	0	14	13	1	1.0529	1.0526	-0.0003	0.9654	0.9654	0.0000
2023-10-13T11:16:21	1	0	9	9	0	1.0378	1.0378	0.0000	0.9893	0.989	0.0003
2023-10-13T11:16:41	1	0	1	1	0	1.0557	1.0554	-0.0003	-0.9979	-0.9979	0.0000
2023-10-13T11:17:24	1	0	96	95	1	0.9102	0.9129	0.0026	0.9514	0.952	-0.0006
2023-10-13T11:18:37	1	0	3	3	0	1.0682	1.0680	-0.0003	0.9609	0.9605	0.0004
2023-10-13T11:20:14	1	0	45	42	3	1.0580	1.0579	0.0000	0.975	0.9749	0.0001
2023-10-13T11:20:22	8	0	37	36	1	1.0542	1.0540	-0.0002	-1	-1	0.0000
2023-10-13T11:20:24	2	0	2	2	0	1.0477	1.0469	-0.0008	-0.9994	-0.9994	0.0000
2023-10-13T11:23:02	1	0	178	177	1	1.0577	1.0577	0.0000	-0.9559	-0.9559	0.0000
2023-10-13T11:24:34	1	0	1	1	0	1.0569	1.0562	-0.0007	-0.9897	-0.9902	0.0005
2023-10-13T11:25:29	1	0	11	11	0	1.0431	1.0431	0.0000	0.9597	0.9596	0.0001
2023-10-13T11:28:35	3	0	4	4	0	1.0517	1.0517	-0.0001	-0.9748	-0.9747	-0.0001
2023-10-13T11:29:22	1	0	2	2	0	1.0334	1.0334	0.0000	-0.9994	-0.9995	0.0001
2023-10-13T11:30:20	1	0	6	6	0	1.0121	1.0121	0.0000	0.9915	0.9915	0.0000
2023-10-13T11:30:21	2	0	4	3	1	1.0489	1.0370	-0.0119	0.9909	0.9898	0.0011
2023-10-13T11:30:35	2	0	44	44	0	0.9199	0.9199	0.0000	0.9899	0.9899	0.0000
2023-10-13T11:34:00	2	0	14	13	1	1.0429	1.0420	-0.0010	0.9605	0.9606	-0.0001
2023-10-13T11:34:56	2	0	8	9	-1	1.0362	1.0348	-0.0014	0.9764	0.9766	-0.0002
2023-10-13T11:35:04	2	0	1	0	1	1.0555	null	null	-0.729	-0.7298	0.0008
2023-10-13T11:35:06	2	0	1	2	-1	1.0036	1.0297	0.0261	0.9648	0.9635	0.0013
2023-10-13T11:35:07	2	0	36	35	1	1.0550	1.0550	0.0000	1	1	0.0000
2023-10-13T11:40:06	1	0	3	3	0	0.9163	0.9164	0.0001	0.9782	0.9785	-0.0003
2023-10-13T11:40:28	1	0	3	3	0	1.0452	1.0452	0.0000	0.9809	0.9809	0.0000
2023-10-13T11:41:35	1	0	2	2	0	0.9784	0.9781	-0.0002	0.9926	0.9921	0.0005
2023-10-13T11:44:23	1	0	3	3	0	1.0018	1.0018	0.0000	-0.9995	-0.9995	0.0000
2023-10-13T11:45:10	7	0	1	2	-1	0.9348	0.9466	0.0118	0.9173	0.9157	0.0016
2023-10-13T11:45:21	1	0	4	4	0	1.0119	1.0119	0.0000	0.9895	0.9893	0.0002
2023-10-13T11:45:36	2	0	44	44	0	0.9234	0.9234	0.0000	0.9914	0.9915	-0.0001
2023-10-13T11:46:08	2	0	6	5	1	1.0433	1.0341	-0.0092	0.9941	0.9949	-0.0008
2023-10-13T11:46:28	2	0	17	18	-1	1.0511	1.0513	0.0003	0.9918	0.9918	0.0000
2023-10-13T11:47:23	5	0	30	27	3	1.0527	1.0523	-0.0003	0.9655	0.9654	0.0001
2023-10-13T11:48:29	2	0	3	2	1	1.0591	1.0579	-0.0012	0.9504	0.9505	-0.0001
2023-10-13T11:50:08	1	0	31	31	0	1.0545	1.0542	-0.0003	0.9996	0.9996	0.0000
2023-10-13T11:50:42	2	0	3	4	-1	1.0416	1.0425	0.0010	-0.9984	-0.9983	-0.0001
2023-10-13T11:56:36	1	0	1	1	0	0.9391	0.9391	0.0000	0.9912	0.9912	0.0000
2023-10-13T11:57:28	1	0	9	9	0	1.0499	1.0485	-0.0014	-0.9965	-0.9987	0.0022
2023-10-13T11:59:24	1	0	2	2	0	1.0341	1.0341	0.0000	-0.9999	-0.9999	0.0000
2023-10-13T12:00:22	1	0	4	4	0	1.0115	1.0115	0.0000	0.9886	0.9883	0.0003
2023-10-13T12:00:37	2	0	44	44	0	0.9298	0.9298	0.0000	0.9948	0.9949	-0.0001
2023-10-13T12:01:29	2	0	7	7	0	1.0528	1.0528	0.0000	0.9909	0.9909	0.0000
2023-10-13T12:01:51	1	0	39	39	0	1.0499	1.0499	-0.0001	-0.9664	-0.9663	-0.0001
2023-10-13T12:01:58	4	0	8	9	-1	1.0533	1.0445	-0.0088	0.9978	0.9975	0.0003
2023-10-13T12:02:14	2	0	4	4	0	1.0337	1.0335	-0.0002	0.9769	0.9769	0.0000
2023-10-13T12:02:44	4	0	31	29	2	1.0535	1.0532	-0.0002	0.967	0.9669	0.0001
2023-10-13T12:05:08	3	0	3	3	0	1.0230	1.0223	-0.0007	0.9238	0.924	-0.0002
2023-10-13T12:05:09	6	0	96	97	-1	1.0585	1.0585	0.0000	-0.9993	-0.9993	0.0000
2023-10-13T12:10:30	1	0	209	199	10	0.9413	0.9418	0.0006	0.9623	0.9671	-0.0048
2023-10-13T12:11:37	3	0	3	3	0	1.0162	1.0159	-0.0003	0.9963	0.9961	0.0002
2023-10-13T12:15:12	7	0	1	0	1	1.0550	null	null	0.959	0.9549	0.0041
2023-10-13T12:18:13	1	0	423	0	423	1.0719	null	null	-0.9545	-0.9992	0.0447
2023-10-13T12:20:07	3	0	5	5	0	1.0530	1.0528	-0.0002	-0.6996	-0.6983	-0.0013
2023-10-13T12:27:30	1	0	4	4	0	1.0368	1.0359	-0.0009	-0.9998	-0.9998	0.0000
2023-10-13T12:28:39	9	0	19	11	8	1.0521	1.0511	-0.0010	-0.9751	-0.9742	-0.0009
2023-10-13T12:31:13	1	0	1	0	1	1.0561	null	null	0.9954	0.9954	0.0000
2023-10-13T12:41:39	1	0	1	1	0	0.9136	0.9136	0.0000	0.9963	0.9964	-0.0001
2023-10-13T12:55:11	1	0	3	3	0	0.8539	0.8600	0.0061	0.977	0.9778	-0.0008
2023-10-13T13:00:15	2	0	5	5	0	0.9660	0.9661	0.0001	0.9185	0.9172	0.0013
2023-10-13T13:05:10	2	0	1	3	-2	1.0598	1.0537	-0.0061	-0.6976	-0.6966	-0.0010

2023-10-13T13:05:12	1	0	20	20	0	0.9357	0.9357	0.0000	0.8854	0.8854	0.0000
2023-10-13T13:05:50	1	0	1	1	0	1.0404	1.0402	-0.0002	-0.9956	-0.9954	-0.0002
2023-10-13T13:20:13	1	0	3	3	0	1.0211	1.0209	-0.0002	0.9108	0.9107	0.0001
2023-10-13T13:32:52	2	0	12	11	1	1.0450	1.0437	-0.0012	0.9552	0.9553	-0.0001
2023-10-13T13:33:45	1	0	2	3	-1	0.9397	0.9407	0.0010	0.9998	0.9998	0.0000
2023-10-13T13:34:15	1	0	5	4	1	1.0585	1.0493	-0.0092	0.9997	0.9996	0.0001
2023-10-13T13:35:14	1	0	3	3	0	1.0019	1.0017	-0.0002	0.905	0.9048	0.0002
2023-10-13T13:50:13	2	0	1	1	0	1.0569	1.0567	-0.0002	-0.7053	-0.7051	-0.0002
2023-10-13T13:55:37	1	0	567	568	-1	1.1494	1.1493	-0.0001	0.9659	0.9658	0.0001
2023-10-13T13:56:44	1	0	3	3	0	1.0045	1.0044	-0.0001	0.9958	0.9956	0.0002
2023-10-13T13:57:36	1	0	84	84	0	1.0666	1.0658	-0.0008	-0.9916	-0.9951	0.0035
2023-10-13T13:58:05	1	0	2	2	0	1.0078	1.0082	0.0003	0.9821	0.9822	-0.0001
2023-10-13T13:59:39	1	0	2	2	0	1.0482	1.0479	-0.0003	0.973	0.9729	0.0001
2023-10-13T14:05:09	1	0	4	3	1	1.0606	1.0463	-0.0144	0.9995	0.9993	0.0002
2023-10-13T14:05:14	2	0	1	1	0	1.0594	1.0593	-0.0001	-0.7158	-0.7156	-0.0002
2023-10-13T14:05:16	2	0	2	2	0	1.0372	1.0368	-0.0004	0.9391	0.9375	0.0016
2023-10-13T14:05:17	1	0	28	27	1	1.0528	1.0526	-0.0001	0.9993	0.9993	0.0000
2023-10-13T14:06:12	4	0	8	9	-1	1.0457	1.0467	0.0011	0.9958	0.9961	-0.0003
2023-10-13T14:08:33	3	0	1	0	1	0.9448	null	null	0.985	0.9852	-0.0002
2023-10-13T14:10:16	1	0	3	3	0	0.8826	0.8864	0.0038	0.984	0.9843	-0.0003
2023-10-13T14:13:47	1	0	1	1	0	1.0305	1.0300	-0.0005	0.9967	0.9966	0.0001
2023-10-13T14:13:47	1	0	4	4	0	1.0522	1.0521	-0.0002	-0.9802	-0.9806	0.0004
2023-10-13T14:14:40	1	0	1	1	0	1.0378	1.0376	-0.0002	0.9825	0.9825	0.0000
2023-10-13T14:15:47	2	0	45	44	1	0.9261	0.9194	-0.0066	0.9896	0.9896	0.0000
2023-10-13T14:18:48	10	0	7	5	2	0.9869	1.0038	0.0169	-0.9996	-0.9996	0.0000
2023-10-13T14:20:15	2	0	3	3	0	1.0498	1.0497	-0.0001	-0.6884	-0.6884	0.0000
2023-10-13T14:20:17	2	0	2	2	0	1.0287	1.0281	-0.0006	0.9405	0.9389	0.0016
2023-10-13T14:20:18	6	0	58	57	1	1.0570	1.0567	-0.0002	-0.9991	-0.9992	0.0001
2023-10-13T14:20:52	3	0	6	5	1	1.0574	1.0516	-0.0058	0.9996	0.9994	0.0002
2023-10-13T14:21:13	2	0	6	6	0	1.0411	1.0411	0.0000	0.6695	0.6655	0.0040
2023-10-13T14:23:11	2	0	2	2	0	1.0387	1.0386	-0.0001	-0.9902	-0.9899	-0.0003
2023-10-13T14:25:17	1	0	3	3	0	0.8594	0.8594	0.0000	0.9745	0.9758	-0.0013
2023-10-13T14:25:39	1	0	214	214	0	0.8809	0.8812	0.0003	0.9661	0.9668	-0.0007
2023-10-13T14:27:38	1	0	84	84	0	1.1087	1.1082	-0.0006	-0.9988	-0.9988	0.0000
2023-10-13T14:28:36	1	0	7	8	-1	1.0454	1.0454	0.0000	-0.9994	-0.9994	0.0000
2023-10-13T14:29:29	1	0	36	35	1	1.0491	1.0492	0.0001	-0.9893	-0.9894	0.0001
2023-10-13T14:31:34	3	0	6	6	0	1.0370	1.0370	0.0000	0.9882	0.988	0.0002
2023-10-13T14:33:43	1	0	98	98	0	1.0579	1.0579	-0.0001	-0.9704	-0.9772	0.0068
2023-10-13T14:33:50	2	0	1	1	0	0.9410	0.9412	0.0002	0.9999	0.9999	0.0000
2023-10-13T14:35:18	2	0	2	2	0	1.0330	1.0325	-0.0005	0.9179	0.9177	0.0002
2023-10-13T14:35:19	6	0	72	66	6	1.0573	1.0572	-0.0001	-0.9986	-0.9987	0.0001
2023-10-13T14:35:21	2	0	15	14	1	1.0390	1.0390	0.0000	0.9851	0.985	0.0001
2023-10-13T14:36:14	2	0	6	6	0	1.0413	1.0412	-0.0002	0.8893	0.8747	0.0146
2023-10-13T14:36:39	2	0	3	2	1	1.0659	1.0588	-0.0071	0.9995	0.9991	0.0004
2023-10-13T14:38:12	2	0	2	2	0	1.0391	1.0390	-0.0001	-0.9908	-0.9906	-0.0002
2023-10-13T14:40:18	1	0	3	3	0	0.9324	0.9324	0.0000	0.9896	0.9896	0.0000
2023-10-13T14:40:40	1	0	1	1	0	0.9376	0.9391	0.0015	-0.9876	-0.995	0.0074
2023-10-13T14:40:40	1	0	212	212	0	0.8798	0.8799	0.0000	0.9688	0.9691	-0.0003
2023-10-13T14:40:52	3	0	1	0	1	1.0267	null	null	-0.9917	-0.989	-0.0027
2023-10-13T14:41:47	1	0	21	20	1	1.0503	1.0498	-0.0005	0.9992	0.9992	0.0000
2023-10-13T14:41:49	3	0	3	3	0	0.9987	0.9979	-0.0008	0.9957	0.9962	-0.0005
2023-10-13T14:42:39	1	0	84	84	0	1.1289	1.1287	-0.0002	-0.9979	-0.9979	0.0000
2023-10-13T14:43:37	1	0	19	19	0	1.0438	1.0438	0.0000	-0.9992	-0.9992	0.0000
2023-10-13T14:43:52	1	0	4	4	0	1.0540	1.0540	-0.0001	-0.9809	-0.9808	-0.0001
2023-10-13T14:46:02	2	0	45	45	0	0.9278	0.9278	0.0000	0.99	0.99	0.0000
2023-10-13T14:46:35	3	0	9	9	0	1.0382	1.0381	-0.0001	0.9897	0.9894	0.0003
2023-10-13T14:46:55	1	0	1	1	0	1.0397	1.0389	-0.0008	-0.9979	-0.998	0.0001
2023-10-13T14:47:02	1	0	42	40	2	1.0504	1.0501	-0.0003	-0.9652	-0.9652	0.0000
2023-10-13T14:48:41	2	0	2	2	0	1.0565	1.0558	-0.0007	0.9612	0.9609	0.0003
2023-10-13T14:50:17	2	0	3	3	0	1.0501	1.0500	-0.0001	-0.6666	-0.666	-0.0006
2023-10-13T14:50:22	2	0	24	22	2	1.0448	1.0447	0.0000	0.9853	0.9854	-0.0001
2023-10-13T14:51:29	1	0	173	167	6	1.0596	1.0595	0.0000	-0.8487	-0.8504	0.0017
2023-10-13T14:51:35	1	0	8	8	0	1.0501	1.0500	-0.0002	-0.9834	-0.9835	0.0001
2023-10-13T14:52:21	1	0	5	3	2	1.0607	1.0571	-0.0036	0.9993	0.9971	0.0022
2023-10-13T14:52:38	1	0	1	1	0	1.0227	1.0216	-0.0011	0.9988	0.9988	0.0000
2023-10-13T14:55:14	2	0	23	22	1	1.0491	1.0492	0.0001	0.9425	0.9415	0.0010
2023-10-13T14:59:31	2	0	50	50	0	1.0499	1.0499	0.0000	-0.99	-0.99	0.0000
2023-10-13T14:59:36	1	0	2	2	0	1.0338	1.0338	0.0000	-0.9994	-0.9995	0.0001
2023-10-13T15:00:34	1	0	10	10	0	1.0180	1.0180	0.0000	0.9869	0.9868	0.0001
2023-10-13T15:01:15	1	0	22	21	1	1.0528	1.0528	0.0000	0.9449	0.9447	0.0002
2023-10-13T15:06:16	1	0	11	11	0	1.0455	1.0454	0.0000	0.9944	0.9941	0.0003
2023-10-13T15:07:39	1	0	8	8	0	1.0396	1.0394	-0.0002	0.9996	0.9996	0.0000
2023-10-13T15:14:32	1	0	52	50	2	1.0502	1.0501	-0.0001	-0.9894	-0.9895	0.0001
2023-10-13T15:16:16	1	0	21	19	2	1.0509	1.0508	0.0000	0.9483	0.9478	0.0005
2023-10-13T15:16:33	1	0	14	13	1	1.0520	1.0515	-0.0004	0.9877	0.9878	-0.0001
2023-10-13T15:27:01	2	0	2	2	0	1.0008	1.0003	-0.0005	0.9985	0.9984	0.0001
2023-10-13T15:28:55	2	0	6	6	0	1.0437	1.0430	-0.0008	-0.9819	-0.9825	0.0006
2023-10-13T15:29:57	1	0	1	1	0	1.0293	1.0290	-0.0003	0.9738	0.9734	0.0004
2023-10-13T15:32:41	1	0	1	0	1	1.0574	null	null	0.9655	0.9614	0.0041
2023-10-13T15:35:41	1	0	35	35	0	1.0459	1.0459	0.0000	-0.9961	-0.9961	0.0000
2023-10-13T15:36:32	1	0	192	191	1	1.0606	1.0606	0.0000	-0.8603	-0.8598	-0.0005
2023-10-13T15:54:21	1	0	3	2	1	1.0320	1.0153	-0.0168	0.998	0.9978	0.0002
2023-10-13T15:59:11	1	0	6	6	0	1.0142	1.0141	-0.0001	0.9993	0.9992	0.0001
2023-10-13T16:02:30	2	0	10	10	0	1.0365	1.0362	-0.0002	0.9849	0.9849	0.0000
2023-10-13T16:05:41	5	0	42	42	0	1.0492	1.0491	-0.0001	0.9999	0.9999	0.0000

2023-10-13T16:05:56	2	0	44	44	0	1.0451	1.0451	0.0000	-0.9944	-0.9945	0.0001
2023-10-13T16:06:34	1	0	237	235	2	1.0613	1.0613	0.0000	-0.8541	-0.8536	-0.0005
2023-10-13T16:09:55	1	0	2	3	-1	1.0167	1.0131	-0.0036	0.9982	0.9979	0.0003
2023-10-13T16:19:09	1	0	155	155	0	0.9541	0.9543	0.0003	0.9633	0.9636	-0.0003
2023-10-13T16:27:42	3	0	3	3	0	1.0349	1.0345	-0.0004	-0.9968	-0.9969	0.0001
2023-10-13T16:55:33	1	0	2	2	0	1.0222	1.0215	-0.0008	0.9979	0.9979	0.0000
2023-10-13T18:29:07	1	0	16	16	0	1.0436	1.0436	0.0000	-0.9893	-0.9896	0.0003
2023-10-14T08:18:34	1	0	114	114	0	1.0588	1.0587	0.0000	-0.9999	-0.9999	0.0000
2023-10-14T08:23:29	1	0	70	69	1	1.0535	1.0535	0.0000	0.9997	0.9997	0.0000
2023-10-14T08:31:47	1	0	65	64	1	0.9364	0.9366	0.0002	0.9814	0.9812	0.0002
2023-10-14T08:38:54	1	0	2	2	0	1.0267	1.0264	-0.0003	-0.9675	-0.9669	-0.0006
2023-10-14T09:01:49	1	0	9	9	0	0.9698	0.9698	0.0000	0.9876	0.9876	0.0000
2023-10-14T09:04:06	1	0	20	20	0	0.9670	0.9670	0.0000	0.9741	0.9742	-0.0001
2023-10-14T09:08:32	1	0	143	142	1	1.0568	1.0568	0.0000	0.9995	0.9995	0.0000
2023-10-14T09:10:54	1	0	2	2	0	1.0091	1.0089	-0.0002	0.9887	0.9886	0.0001
2023-10-14T09:12:00	2	0	2	1	1	1.0390	1.0461	0.0071	-0.9961	-0.9964	0.0003
2023-10-14T09:16:37	1	0	7	7	0	1.0143	1.0143	0.0000	0.996	0.9961	-0.0001
2023-10-14T09:18:38	1	0	74	73	1	1.0570	1.0568	-0.0002	0.9993	0.9993	0.0000
2023-10-14T09:23:03	1	0	43	38	5	0.9495	0.9497	0.0003	-0.9835	-0.9832	-0.0003
2023-10-14T09:23:22	2	0	205	203	2	1.0575	1.0574	-0.0001	0.9655	0.9653	0.0002
2023-10-14T09:25:46	3	0	2	2	0	1.0296	1.0290	-0.0005	-0.9951	-0.9952	0.0001
2023-10-14T09:33:22	3	0	12	12	0	0.9495	0.9495	0.0000	0.9277	0.9271	0.0006
2023-10-14T09:35:11	1	0	6	6	0	1.0241	1.0240	0.0000	0.9966	0.9968	-0.0002
2023-10-14T09:38:47	1	0	125	125	0	0.8755	0.8758	0.0003	0.9893	0.9894	-0.0001
2023-10-14T09:42:21	2	0	2	2	0	1.0358	1.0356	-0.0003	-0.9878	-0.988	0.0002
2023-10-14T09:44:02	1	0	1	1	0	0.8840	0.8844	0.0004	0.9987	0.9987	0.0000
2023-10-14T09:44:48	1	0	5	5	0	1.0300	1.0298	-0.0002	0.987	0.9867	0.0003
2023-10-14T09:45:53	1	0	1	1	0	1.0074	1.0067	-0.0007	0.9923	0.9921	0.0002
2023-10-14T09:46:39	1	0	8	8	0	1.0131	1.0131	0.0000	0.9945	0.9947	-0.0002
2023-10-14T09:48:10	2	0	1	1	0	1.0456	1.0451	-0.0005	-0.9921	-0.9927	0.0006
2023-10-14T09:48:23	1	0	1	1	0	1.0042	1.0042	0.0000	0.9635	0.9627	0.0008
2023-10-14T09:49:11	1	0	3	3	0	1.0366	1.0364	-0.0001	0.9996	0.9995	0.0001
2023-10-14T09:49:48	1	0	1	1	0	1.0569	1.0560	-0.0009	0.9992	0.9992	0.0000
2023-10-14T09:50:12	1	0	5	5	0	1.0239	1.0239	0.0000	0.9966	0.9968	-0.0002
2023-10-14T09:53:35	1	0	49	48	1	1.0549	1.0549	0.0000	0.9992	0.9992	0.0000
2023-10-14T09:54:01	1	0	1	1	0	1.0187	1.0177	-0.0010	-0.9824	-0.9814	-0.0010
2023-10-14T09:54:16	1	0	1	1	0	1.0194	1.0193	-0.0001	0.9996	0.9997	-0.0001
2023-10-14T09:55:48	2	0	1	1	0	1.0300	1.0300	0.0000	-0.9935	-0.9934	-0.0001
2023-10-14T09:58:08	1	0	2	2	0	0.9430	0.9435	0.0005	0.9717	0.9721	-0.0004
2023-10-14T09:59:53	1	0	109	108	1	1.0586	1.0585	-0.0001	-0.9993	-0.9993	0.0000
2023-10-14T10:00:54	1	0	1	1	0	1.0051	1.0051	0.0000	0.9919	0.9919	0.0000
2023-10-14T10:01:42	1	0	30	29	1	1.0513	1.0511	-0.0002	0.992	0.9922	-0.0002
2023-10-14T10:03:19	1	0	1	1	0	1.0365	1.0360	-0.0005	0.9998	0.9999	-0.0001
2023-10-14T10:03:41	1	0	18	18	0	1.0540	1.0538	-0.0002	0.9982	0.9982	0.0000
2023-10-14T10:03:46	7	0	1	1	0	1.0240	1.0223	-0.0017	-0.9994	-0.9995	0.0001
2023-10-14T10:03:50	2	0	3	3	0	1.0361	1.0360	-0.0001	-0.9893	-0.9893	0.0000
2023-10-14T10:04:16	1	0	3	3	0	1.0364	1.0364	0.0000	0.9995	0.9995	0.0000
2023-10-14T10:04:29	1	0	8	8	0	1.0065	1.0063	-0.0003	0.9742	0.9741	0.0001
2023-10-14T10:04:49	1	0	1	1	0	1.0607	1.0595	-0.0012	0.9992	0.9991	0.0001
2023-10-14T10:07:39	2	0	48	48	0	0.9684	0.9686	0.0002	0.9775	0.9773	0.0002
2023-10-14T10:08:25	2	0	39	38	1	1.0535	1.0533	-0.0002	0.9669	0.9664	0.0005
2023-10-14T10:08:36	2	0	48	40	8	1.0544	1.0542	-0.0002	0.9992	0.9992	0.0000
2023-10-14T10:08:49	1	0	212	212	0	0.8772	0.8774	0.0002	0.9844	0.9845	-0.0001
2023-10-14T10:09:02	3	0	3	2	1	1.0057	1.0067	0.0010	-0.982	-0.9824	0.0004
2023-10-14T10:09:13	1	0	82	76	6	0.9471	0.9474	0.0003	0.9925	0.9927	-0.0002
2023-10-14T10:09:52	3	0	3	3	0	0.9675	0.9680	0.0005	0.9992	0.9993	-0.0001
2023-10-14T10:10:49	3	0	2	2	0	1.0288	1.0279	-0.0009	-0.994	-0.9941	0.0001
2023-10-14T10:11:00	1	0	2	2	0	1.0047	1.0044	-0.0004	0.9885	0.9884	0.0001
2023-10-14T10:12:23	2	0	4	4	0	1.0359	1.0357	-0.0001	-0.9879	-0.9883	0.0004
2023-10-14T10:12:34	1	0	10	6	4	1.0561	1.0547	-0.0015	-0.9214	-0.9212	-0.0002
2023-10-14T10:14:04	1	0	1	1	0	0.8818	0.8822	0.0004	0.9983	0.9983	0.0000
2023-10-14T10:14:20	6	0	42	11	31	1.0539	1.0446	-0.0093	0.9549	0.975	-0.0201
2023-10-14T10:14:23	1	0	2	2	0	1.0311	1.0309	-0.0002	-0.9981	-0.9981	0.0000
2023-10-14T10:14:54	1	0	54	52	2	1.0550	1.0549	-0.0001	-0.9996	-0.9996	0.0000
2023-10-14T10:15:25	2	0	6	6	0	0.9986	0.9985	0.0000	-0.9998	-0.9998	0.0000
2023-10-14T10:16:54	1	0	14	14	0	1.0324	1.0321	-0.0003	0.9928	0.9925	0.0003
2023-10-14T10:17:20	5	0	7	7	0	1.0361	1.0356	-0.0005	-0.999	-0.9991	0.0001
2023-10-14T10:17:40	3	0	1	1	0	0.9805	0.9809	0.0004	0.9876	0.9874	0.0002
2023-10-14T10:18:12	2	0	2	0	2	1.0508	null	null	-0.9937	-0.9938	0.0001
2023-10-14T10:18:25	3	0	15	15	0	0.9407	0.9408	0.0001	0.9262	0.9254	0.0008
2023-10-14T10:18:42	2	0	22	18	4	1.0538	1.0530	-0.0007	0.9977	0.9976	0.0001
2023-10-14T10:19:03	3	0	1	1	0	1.0125	1.0115	-0.0010	0.9966	0.9961	0.0005
2023-10-14T10:22:45	2	0	1	0	1	1.0450	null	null	0.9941	0.994	0.0001
2023-10-14T10:23:07	1	0	18	14	4	0.9563	0.9600	0.0037	-0.9847	-0.9843	-0.0004
2023-10-14T10:23:17	1	0	6	6	0	0.9834	0.9834	0.0000	-0.9953	-0.9951	-0.0002
2023-10-14T10:23:37	1	0	112	107	5	1.0557	1.0557	-0.0001	0.9993	0.9993	0.0000
2023-10-14T10:25:37	2	0	1	1	0	0.9908	0.9914	0.0006	-0.9981	-0.998	-0.0001
2023-10-14T10:27:05	3	0	2	2	0	1.0304	1.0282	-0.0022	-0.9991	-0.9993	0.0002
2023-10-14T10:29:04	2	0	46	46	0	0.9259	0.9259	0.0000	0.9976	0.9976	0.0000
2023-10-14T10:31:44	1	0	35	33	2	1.0520	1.0517	-0.0003	0.9921	0.9922	-0.0001
2023-10-14T10:31:55	1	0	12	12	0	1.0268	1.0266	-0.0001	0.9901	0.9903	-0.0002
2023-10-14T10:35:15	2	0	12	10	2	1.0341	1.0296	-0.0046	0.9961	0.996	0.0001
2023-10-14T10:38:54	1	0	4	4	0	1.0330	1.0327	-0.0003	-0.9961	-0.9962	0.0001
2023-10-14T10:40:38	2	0	1	1	0	0.9911	0.9917	0.0006	-0.9971	-0.997	-0.0001
2023-10-14T10:44:59	2	0	25	24	1	1.0504	1.0505	0.0002	1	1	0.0000

2023-10-14T10:45:27	1	0	9	9	0	1.0291	1.0291	0.0000	-0.9996	-0.9997	0.0001
2023-10-14T10:46:19	1	0	1	1	0	0.9420	0.9436	0.0016	0.951	0.9516	-0.0006
2023-10-14T10:46:56	1	0	11	11	0	1.0285	1.0284	-0.0001	0.9889	0.9891	-0.0002
2023-10-14T10:47:22	1	0	7	7	0	1.0355	1.0354	-0.0001	-0.9992	-0.9992	0.0000
2023-10-14T10:49:05	1	0	3	3	0	1.0134	1.0131	-0.0004	0.998	0.9978	0.0002
2023-10-14T10:53:19	1	0	4	4	0	0.9994	0.9993	-0.0001	-0.9951	-0.9949	-0.0002
2023-10-14T10:54:05	1	0	3	3	0	1.0156	1.0155	-0.0001	-0.9866	-0.9865	-0.0001
2023-10-14T10:54:16	1	0	7	7	0	0.9963	0.9962	0.0000	0.9903	0.9904	-0.0001
2023-10-14T10:54:55	3	0	3	4	-1	1.0069	0.9947	-0.0123	0.999	0.9989	0.0001
2023-10-14T10:55:16	1	0	5	5	0	1.0573	1.0571	-0.0002	-0.9889	-0.9889	0.0000
2023-10-14T10:55:52	2	0	1	1	0	1.0305	1.0305	0.0000	-0.9965	-0.9964	-0.0001
2023-10-14T10:57:42	1	0	4	4	0	1.0447	1.0446	-0.0001	-0.9893	-0.9893	0.0000
2023-10-14T10:59:46	2	0	5	5	0	1.0425	1.0419	-0.0006	0.9961	0.9959	0.0002
2023-10-14T11:00:19	2	0	144	141	3	1.0625	1.0621	-0.0003	-0.9926	-0.9927	0.0001
2023-10-14T11:02:06	7	0	51	50	1	0.9322	0.9330	0.0009	-1	-1	0.0000
2023-10-14T11:02:23	1	0	6	6	0	1.0327	1.0325	-0.0001	-0.9993	-0.9993	0.0000
2023-10-14T11:03:15	2	0	5	3	2	1.0570	1.0556	-0.0015	-0.9953	-0.9958	0.0005
2023-10-14T11:03:45	2	0	19	18	1	1.0533	1.0530	-0.0003	0.9969	0.9967	0.0002
2023-10-14T11:04:09	1	0	1	1	0	1.0245	1.0240	-0.0005	-0.9999	-0.9999	0.0000
2023-10-14T11:04:20	2	0	4	4	0	1.0469	1.0467	-0.0002	-0.9835	-0.984	0.0005
2023-10-14T11:06:11	1	0	1	1	0	1.0639	1.0635	-0.0004	0.9999	0.9999	0.0000
2023-10-14T11:08:53	2	0	454	452	2	0.9553	0.9555	0.0002	0.9185	0.9232	-0.0047
2023-10-14T11:09:06	1	0	2	3	-1	1.0170	1.0127	-0.0043	-0.9881	-0.987	-0.0011
2023-10-14T11:09:09	1	0	6	6	0	1.0266	1.0264	-0.0003	0.9781	0.9779	0.0002
2023-10-14T11:11:42	1	0	4	4	0	1.0234	1.0231	-0.0003	0.994	0.9938	0.0002
2023-10-14T11:12:03	1	0	2	2	0	1.0343	1.0342	-0.0001	0.9783	0.9781	0.0002
2023-10-14T11:12:08	1	0	1	1	0	1.0355	1.0348	-0.0007	-0.9995	-0.9994	-0.0001
2023-10-14T11:14:30	2	0	4	4	0	1.0495	1.0491	-0.0005	0.9643	0.9634	0.0009
2023-10-14T11:15:29	1	0	12	12	0	1.0216	1.0215	-0.0001	-0.9998	-0.9998	0.0000
2023-10-14T11:15:52	1	0	1	0	1	1.0552	null	null	0.9981	0.9981	0.0000
2023-10-14T11:16:45	1	0	3	3	0	1.0071	1.0070	-0.0001	0.9827	0.983	-0.0003
2023-10-14T11:16:47	1	0	19	19	0	1.0492	1.0491	-0.0001	0.9901	0.9903	-0.0002
2023-10-14T11:17:07	1	0	65	65	0	0.9222	0.9222	0.0000	1	1	0.0000
2023-10-14T11:17:24	1	0	11	11	0	1.0427	1.0426	0.0000	-0.9995	-0.9995	0.0000
2023-10-14T11:17:44	1	0	5	5	0	0.9834	0.9834	0.0000	0.9889	0.9887	0.0002
2023-10-14T11:18:51	3	0	1	0	1	1.0564	null	null	-0.9992	-0.9992	0.0000
2023-10-14T11:24:05	1	0	58	46	12	0.9366	0.9383	0.0017	-0.9857	-0.9957	0.0100
2023-10-14T11:24:07	1	0	3	3	0	1.0118	1.0112	-0.0006	-0.9863	-0.9866	0.0003
2023-10-14T11:29:08	2	0	44	44	0	0.9195	0.9195	0.0000	0.9972	0.9973	-0.0001
2023-10-14T11:33:52	19	0	1	0	1	1.0564	null	null	-0.9994	-0.9995	0.0001
2023-10-14T11:35:19	2	0	11	11	0	1.0201	1.0202	0.0001	0.9952	0.9953	-0.0001
2023-10-14T11:36:13	1	0	1	2	-1	1.0668	1.0609	-0.0059	0.9998	0.9998	0.0000
2023-10-14T11:37:50	2	0	3	3	0	0.9799	0.9797	-0.0002	0.994	0.9936	0.0004
2023-10-14T11:38:12	1	0	3	4	-1	1.0010	0.9870	-0.0141	-0.9854	-0.9852	-0.0002
2023-10-14T11:39:06	1	0	61	34	27	0.9355	0.9386	0.0031	-0.9883	-0.9883	0.0000
2023-10-14T11:39:19	2	0	4	4	0	1.0020	1.0020	0.0000	0.9911	0.9912	-0.0001
2023-10-14T11:42:05	1	0	3	3	0	1.0318	1.0317	-0.0001	0.9793	0.9833	-0.0040
2023-10-14T11:42:10	3	0	5	6	-1	1.0356	1.0368	0.0012	-0.9993	-0.9993	0.0000
2023-10-14T11:43:15	2	0	2	2	0	0.9739	0.9736	-0.0002	0.9723	0.9723	0.0000
2023-10-14T11:44:09	2	0	45	45	0	0.9234	0.9234	0.0000	0.9975	0.9975	0.0000
2023-10-14T11:44:10	4	0	2	2	0	0.9731	0.9724	-0.0007	0.999	0.9989	0.0001
2023-10-14T11:45:56	1	0	1	0	1	1.0552	null	null	0.9961	0.9961	0.0000
2023-10-14T11:46:23	1	0	1	0	1	1.0319	null	null	0.9527	0.9522	0.0005
2023-10-14T11:47:46	3	0	3	3	0	0.9560	0.9561	0.0001	0.9862	0.9858	0.0004
2023-10-14T11:48:26	2	0	1	1	0	1.0391	1.0389	-0.0002	0.9998	0.9998	0.0000
2023-10-14T11:54:20	2	0	4	4	0	1.0023	1.0023	0.0000	0.9909	0.991	-0.0001
2023-10-14T11:55:58	3	0	1	1	0	1.0304	1.0304	0.0000	-0.9973	-0.9972	-0.0001
2023-10-14T11:56:11	5	0	3	4	-1	1.0071	1.0189	0.0118	0.9991	0.9991	0.0000
2023-10-14T11:57:06	1	0	2	2	0	1.0354	1.0354	0.0000	0.9766	0.9723	0.0043
2023-10-14T11:59:10	2	0	46	46	0	0.9302	0.9303	0.0000	0.9965	0.9965	0.0000
2023-10-14T12:01:24	1	0	1	1	0	0.9381	0.9390	0.0009	0.9545	0.9549	-0.0004
2023-10-14T12:03:54	11	0	1	2	-1	1.0564	1.0377	-0.0187	-0.9995	-0.9995	0.0000
2023-10-14T12:09:21	2	0	4	4	0	1.0017	1.0017	0.0000	0.9917	0.9918	-0.0001
2023-10-14T12:10:59	3	0	1	1	0	1.0308	1.0308	0.0000	-0.9954	-0.9954	0.0000
2023-10-14T12:12:12	3	0	5	2	3	1.0449	1.0463	0.0014	-0.9989	-0.9989	0.0000
2023-10-14T12:21:02	1	0	12	12	0	1.0472	1.0470	-0.0001	-0.9998	-0.9998	0.0000
2023-10-14T12:37:54	2	0	2	3	-1	0.9426	0.9802	0.0376	0.9952	0.9955	-0.0003
2023-10-14T12:39:10	1	0	6	6	0	0.9188	0.9199	0.0012	-0.9856	-0.9957	0.0101
2023-10-14T12:41:01	3	0	1	1	0	1.0317	1.0317	0.0000	-0.9947	-0.9947	0.0000
2023-10-14T12:41:07	1	0	11	10	1	1.0363	1.0339	-0.0024	-0.9911	-0.9912	0.0001
2023-10-14T12:46:34	2	0	2	1	1	1.0560	1.0552	-0.0008	0.9693	0.9693	0.0000
2023-10-14T12:54:20	1	0	237	237	0	1.0619	1.0619	0.0000	0.9489	0.9487	0.0002
2023-10-14T12:57:15	3	0	5	6	-1	1.0409	1.0422	0.0014	-0.9991	-0.999	-0.0001
2023-10-14T13:01:01	1	0	1	1	0	1.0575	1.0568	-0.0007	0.996	0.996	0.0000
2023-10-14T13:01:28	1	0	1	2	-1	1.0288	0.9868	-0.0420	0.9559	0.9558	0.0001
2023-10-14T13:04:01	10	0	1	3	-2	1.0567	1.0335	-0.0232	-0.9996	-0.9995	-0.0001
2023-10-14T13:31:26	1	0	7	7	0	1.0187	1.0187	0.0000	0.9566	0.9566	0.0000
2023-10-14T13:35:27	4	0	9	10	-1	1.0340	1.0364	0.0024	0.9926	0.9926	0.0000
2023-10-14T13:36:07	1	0	22	22	0	1.0506	1.0506	0.0000	-0.9997	-0.9997	0.0000
2023-10-14T13:40:16	2	0	3	3	0	0.9766	0.9763	-0.0003	0.9955	0.9954	0.0001
2023-10-14T13:41:11	1	0	14	13	1	1.0393	1.0377	-0.0016	-0.9925	-0.9925	0.0000
2023-10-14T13:42:18	1	0	6	5	1	1.0374	1.0397	0.0023	-0.9994	-0.9994	0.0000
2023-10-14T13:49:04	4	0	2	2	0	1.0408	1.0403	-0.0005	-0.9993	-0.9994	0.0001
2023-10-14T13:52:59	2	0	1	1	0	1.0567	1.0564	-0.0003	0.9941	0.994	0.0001
2023-10-14T14:03:27	2	0	6	8	-2	1.0539	1.0545	0.0006	-0.9942	-0.9937	-0.0005

2023-10-14T14:04:05	10	0	1	1	0	1.0585	1.0577	-0.0008	-0.9997	-0.9997	0.0000
2023-10-14T14:04:21	1	0	1	1	0	1.0272	1.0270	-0.0002	-0.9977	-0.9975	-0.0002
2023-10-14T14:04:32	2	0	7	7	0	1.0470	1.0470	0.0000	-0.9856	-0.9855	-0.0001
2023-10-14T14:05:29	1	0	12	12	0	1.0288	1.0288	0.0000	0.9926	0.9927	-0.0001
2023-10-14T14:06:09	1	0	20	19	1	1.0518	1.0516	-0.0002	-0.9997	-0.9997	0.0000
2023-10-14T14:08:00	2	0	5	5	0	1.0511	1.0509	-0.0002	0.9984	0.9983	0.0001
2023-10-14T14:09:05	3	0	345	347	-2	0.9327	0.9326	-0.0001	0.915	0.9154	-0.0004
2023-10-14T14:11:13	2	0	14	13	1	1.0414	1.0402	-0.0012	-0.995	-0.995	0.0000
2023-10-14T14:11:58	5	0	3	3	0	1.0087	1.0083	-0.0003	0.9996	0.9996	0.0000
2023-10-14T14:12:18	1	0	2	2	0	1.0261	1.0257	-0.0004	0.9988	0.9988	0.0000
2023-10-14T14:12:20	3	0	5	5	0	1.0353	1.0347	-0.0005	-0.999	-0.9991	0.0001
2023-10-14T14:12:50	1	0	3	4	-1	1.0530	1.0537	0.0007	-0.9243	-0.9231	-0.0012
2023-10-14T14:16:29	1	0	7	7	0	1.0239	1.0238	-0.0001	0.9612	0.9611	0.0001
2023-10-14T14:16:33	1	0	1	1	0	0.9348	0.9359	0.0011	0.9581	0.9584	-0.0003
2023-10-14T14:17:19	8	0	1	1	0	1.0267	1.0266	-0.0001	-0.9993	-0.9993	0.0000
2023-10-14T14:18:28	2	0	11	10	1	1.0511	1.0505	-0.0006	-0.9931	-0.9933	0.0002
2023-10-14T14:18:41	3	0	7	7	0	0.9602	0.9602	0.0000	0.9468	0.9454	0.0014
2023-10-14T14:19:06	2	0	1	1	0	1.0228	1.0225	-0.0003	-0.9995	-0.9995	0.0000
2023-10-14T14:19:22	1	0	1	1	0	1.0259	1.0258	-0.0001	-0.9974	-0.9972	-0.0002
2023-10-14T14:19:33	2	0	7	7	0	1.0483	1.0483	0.0000	-0.9825	-0.9825	0.0000
2023-10-14T14:20:30	2	0	13	11	2	1.0307	1.0261	-0.0046	0.9932	0.9931	0.0001
2023-10-14T14:21:10	2	0	18	18	0	1.0509	1.0508	-0.0001	-0.9996	-0.9996	0.0000
2023-10-14T14:23:01	2	0	5	5	0	1.0512	1.0509	-0.0003	0.9983	0.9983	0.0000
2023-10-14T14:23:27	1	0	1	0	1	1.0556	null	null	-0.9929	-0.9948	0.0019
2023-10-14T14:24:19	4	0	2	2	0	1.0220	1.0207	-0.0013	-0.9876	-0.9863	-0.0013
2023-10-14T14:27:16	1	0	3	3	0	1.0315	1.0315	0.0000	0.9771	0.977	0.0001
2023-10-14T14:27:21	3	0	3	3	0	1.0382	1.0377	-0.0005	-0.999	-0.999	0.0000
2023-10-14T14:28:05	1	0	1	1	0	1.0267	1.0263	-0.0004	0.9989	0.9989	0.0000
2023-10-14T14:28:11	5	0	3	3	0	1.0089	1.0084	-0.0004	0.9998	0.9998	0.0000
2023-10-14T14:29:05	4	0	2	2	0	1.0511	1.0507	-0.0004	-0.9664	-0.9668	0.0004
2023-10-14T14:29:20	2	0	2	2	0	1.0409	1.0406	-0.0003	0.9966	0.9966	0.0000
2023-10-14T14:29:21	4	0	2	2	0	0.9617	0.9615	-0.0002	0.9981	0.9981	0.0000
2023-10-14T14:30:33	5	0	145	142	3	1.0622	1.0622	0.0001	-0.9948	-0.9949	0.0001
2023-10-14T14:32:20	2	0	1	1	0	1.0255	1.0249	-0.0006	-0.9974	-0.9975	0.0001
2023-10-14T14:33:00	3	0	4	4	0	1.0165	1.0166	0.0001	0.9873	0.9874	-0.0001
2023-10-14T14:33:24	4	0	2	1	1	1.0459	1.0454	-0.0005	0.988	0.9874	0.0006
2023-10-14T14:33:29	2	0	11	11	0	1.0503	1.0502	0.0000	-0.9958	-0.9959	0.0001
2023-10-14T14:34:07	7	0	1	1	0	1.0231	1.0214	-0.0017	-0.9994	-0.9995	0.0001
2023-10-14T14:34:23	1	0	2	2	0	0.9844	0.9843	-0.0001	-0.9977	-0.9975	-0.0002
2023-10-14T14:34:25	1	0	1	1	0	1.0382	1.0377	-0.0005	0.9996	0.9995	0.0001
2023-10-14T14:35:20	3	0	7	7	0	1.0468	1.0467	-0.0002	-0.9815	-0.982	0.0005
2023-10-14T14:35:31	2	0	32	30	2	1.0453	1.0442	-0.0011	0.9947	0.9947	0.0000
2023-10-14T14:36:11	2	0	17	17	0	1.0487	1.0486	-0.0001	-0.9996	-0.9996	0.0000
2023-10-14T14:36:25	1	0	1	1	0	1.0651	1.0651	0.0000	0.9989	0.9989	0.0000
2023-10-14T14:37:22	1	0	89	89	0	1.0569	1.0568	-0.0001	-0.916	-0.9161	0.0001
2023-10-14T14:38:01	2	0	50	50	0	0.9750	0.9749	0.0000	0.9765	0.9762	0.0003
2023-10-14T14:38:02	2	0	5	5	0	1.0508	1.0506	-0.0002	0.9982	0.9981	0.0001
2023-10-14T14:38:28	1	0	6	6	0	0.9861	0.9861	0.0001	-0.984	-0.9837	-0.0003
2023-10-14T14:38:52	1	0	36	35	1	1.0474	1.0473	0.0000	0.9964	0.9963	0.0001
2023-10-14T14:40:32	1	0	10	10	0	1.0409	1.0408	-0.0001	-0.9789	-0.9785	-0.0004
2023-10-14T14:41:15	4	0	11	11	0	1.0201	1.0200	-0.0001	0.9909	0.9902	0.0007
2023-10-14T14:41:56	1	0	6	6	0	1.0252	1.0251	-0.0002	0.9942	0.994	0.0002
2023-10-14T14:42:17	1	0	3	3	0	1.0305	1.0305	0.0000	0.9776	0.9776	0.0000
2023-10-14T14:42:22	3	0	4	4	0	1.0321	1.0318	-0.0003	-0.9991	-0.9991	0.0000
2023-10-14T14:44:06	4	0	2	2	0	1.0495	1.0495	0.0000	-0.9694	-0.9694	0.0000
2023-10-14T14:44:21	2	0	2	2	0	1.0408	1.0408	0.0000	0.997	0.997	0.0000
2023-10-14T14:44:22	1	0	1	1	0	0.8819	0.8819	0.0000	0.9984	0.9984	0.0000
2023-10-14T14:44:44	1	0	14	13	1	1.0502	1.0505	0.0003	0.9681	0.9678	0.0003
2023-10-14T14:44:50	2	0	1	1	0	1.0682	1.0617	-0.0065	0.9997	0.9996	0.0001
2023-10-14T14:45:21	4	0	1	0	1	1.0380	null	null	-0.9762	-0.9764	0.0002
2023-10-14T14:46:31	1	0	10	10	0	1.0285	1.0284	-0.0001	0.9615	0.9614	0.0001
2023-10-14T14:46:51	3	0	123	122	1	1.0602	1.0602	0.0000	-0.9977	-0.9977	0.0000
2023-10-14T14:48:38	2	0	2	2	0	1.0303	1.0301	-0.0002	0.9999	0.9999	0.0000
2023-10-14T14:49:21	1	0	2	2	0	1.0059	1.0056	-0.0003	0.9979	0.9975	0.0004
2023-10-14T14:54:21	1	0	2	2	0	1.0202	1.0201	-0.0001	-0.9915	-0.9912	-0.0003
2023-10-14T14:57:58	1	0	15	15	0	1.0476	1.0476	0.0000	-0.9934	-0.9934	0.0000
2023-10-14T15:00:31	1	0	2	2	0	1.0403	1.0403	0.0000	0.9997	0.9997	0.0000
2023-10-14T15:01:36	1	0	1	1	0	0.9415	0.9419	0.0004	0.9651	0.9651	0.0000
2023-10-14T15:02:26	1	0	4	4	0	1.0551	1.0550	-0.0002	0.9729	0.9726	0.0003
2023-10-14T15:02:33	1	0	1	1	0	1.0137	1.0133	-0.0004	-0.9999	-0.9999	0.0000
2023-10-14T15:04:09	4	0	1	1	0	1.0562	1.0550	-0.0012	-0.9994	-0.9994	0.0000
2023-10-14T15:06:13	1	0	34	34	0	1.0534	1.0537	0.0002	-0.9992	-0.9992	0.0000
2023-10-14T15:09:22	1	0	1	0	1	1.0100	null	null	-0.9897	-0.9898	0.0001
2023-10-14T15:16:10	1	0	1	1	0	1.0579	1.0579	0.0000	0.9983	0.9983	0.0000
2023-10-14T15:18:47	2	0	1	0	1	1.0451	null	null	-0.8726	-0.8719	-0.0007
2023-10-14T15:24:10	1	0	223	223	0	0.9001	0.9002	0.0001	0.9686	0.9688	-0.0002
2023-10-14T15:24:23	1	0	2	2	0	1.0012	1.0012	0.0000	-0.9876	-0.9873	-0.0003
2023-10-14T15:34:31	2	0	7	7	0	0.9717	0.9716	-0.0001	0.9411	0.941	0.0001
2023-10-14T15:35:51	2	0	1	1	0	0.9763	0.9774	0.0011	0.9716	0.9716	0.0000
2023-10-14T15:38:49	1	0	1	1	0	1.0334	1.0325	-0.0009	0.9983	0.9982	0.0001
2023-10-14T15:39:24	1	0	1	1	0	1.0173	1.0164	-0.0009	-0.9894	-0.9887	-0.0007
2023-10-14T15:44:46	1	0	9	9	0	1.0382	1.0381	-0.0001	-0.9985	-0.9976	-0.0009
2023-10-14T15:46:56	1	0	89	88	1	1.0577	1.0577	-0.0001	0.9999	0.9999	0.0000
2023-10-14T15:47:13	1	0	4	4	0	0.9950	0.9950	0.0000	0.9997	0.9989	0.0008
2023-10-14T15:48:49	2	0	2	2	0	1.0463	1.0457	-0.0006	-0.8597	-0.8603	0.0006

2023-10-14T15:55:25	2	0	3	3	0	0.9579	0.9576	-0.0003	0.9934	0.9937	-0.0003
2023-10-14T15:57:57	1	0	11	10	1	1.0535	1.0532	-0.0003	-0.9171	-0.9163	-0.0008
2023-10-14T16:00:34	1	0	1	0	1	1.0402	null	null	-0.9999	-0.9999	0.0000
2023-10-14T16:01:56	1	0	131	131	0	1.0608	1.0608	0.0000	-1	-1	0.0000
2023-10-14T16:02:06	1	0	71	12	59	0.9707	0.9729	0.0022	0.9839	0.9843	-0.0004
2023-10-14T16:02:26	1	0	1	1	0	0.9421	0.9437	0.0016	-0.9982	-0.9981	-0.0001
2023-10-14T16:02:35	1	0	2	3	-1	0.9872	0.9738	-0.0134	0.9992	0.9988	0.0004
2023-10-14T16:09:02	1	0	141	140	1	1.0574	1.0574	0.0000	0.9995	0.9995	0.0000
2023-10-14T16:32:28	3	0	4	4	0	1.0015	1.0014	-0.0001	-0.9989	-0.9989	0.0000
2023-10-14T17:04:15	2	0	18	18	0	0.9408	0.9412	0.0005	0.9943	0.9945	-0.0002
2023-10-14T17:13:03	1	0	31	31	0	1.0558	1.0557	-0.0001	-0.9179	-0.9171	-0.0008
2023-10-14T17:34:54	1	0	28	28	0	0.9449	0.9449	0.0000	0.9132	0.913	0.0002
2023-10-15T08:04:55	1	0	100	100	0	1.0570	1.0570	0.0000	-0.9996	-0.9995	-0.0001
2023-10-15T08:09:50	1	0	160	160	0	1.0568	1.0567	0.0000	-0.9999	-0.9999	0.0000
2023-10-15T09:05:26	1	0	23	23	0	0.9658	0.9658	0.0000	0.9733	0.9734	-0.0001
2023-10-15T09:13:51	1	0	20	17	3	1.0547	1.0547	0.0000	-0.9064	-0.9069	0.0005
2023-10-15T09:18:00	1	0	4	4	0	1.0033	1.0032	-0.0001	0.9962	0.9963	-0.0001
2023-10-15T09:24:01	2	0	2	2	0	1.0496	1.0488	-0.0008	0.9966	0.9964	0.0002
2023-10-15T09:24:43	2	0	98	85	13	1.0554	1.0553	-0.0001	0.9672	0.9669	0.0003
2023-10-15T09:25:09	1	0	131	131	0	0.9243	0.9244	0.0001	0.9916	0.9917	-0.0001
2023-10-15T09:25:26	1	0	1	0	1	1.0307	null	null	-0.9528	-0.9523	-0.0005
2023-10-15T09:27:38	1	0	12	11	1	1.0475	1.0467	-0.0008	-0.9923	-0.9924	0.0001
2023-10-15T09:27:58	1	0	3	3	0	1.0241	1.0239	-0.0001	0.9943	0.9942	0.0001
2023-10-15T09:31:13	1	0	12	11	1	1.0317	1.0320	0.0003	0.986	0.9856	0.0004
2023-10-15T09:32:03	1	0	1	1	0	1.0216	1.0213	-0.0003	0.9986	0.9986	0.0000
2023-10-15T09:35:01	1	0	47	43	4	1.0553	1.0550	-0.0003	0.9994	0.9994	0.0000
2023-10-15T09:36:31	1	0	4	4	0	1.0188	1.0188	-0.0001	0.9901	0.9906	-0.0005
2023-10-15T09:42:16	1	0	7	7	0	1.0363	1.0362	-0.0001	-0.9942	-0.9942	0.0000
2023-10-15T09:43:46	2	0	3	3	0	1.0352	1.0351	-0.0001	-0.984	-0.9843	0.0003
2023-10-15T09:45:22	1	0	1	1	0	0.8787	0.8790	0.0003	0.9988	0.9989	-0.0001
2023-10-15T09:47:35	1	0	3	3	0	1.0321	1.0316	-0.0005	0.9625	0.9622	0.0003
2023-10-15T09:48:23	1	0	8	8	0	1.0357	1.0357	0.0001	0.996	0.9961	-0.0001
2023-10-15T09:49:28	1	0	2	2	0	1.0283	1.0279	-0.0004	0.9914	0.9914	0.0000
2023-10-15T09:50:07	4	0	4	4	0	1.0400	1.0394	-0.0006	-1	1	0.0000
2023-10-15T09:50:22	1	0	3	3	0	1.0099	1.0098	-0.0001	0.9999	0.9999	0.0000
2023-10-15T09:50:31	1	0	12	12	0	1.0404	1.0404	0.0000	-0.9794	-0.9799	0.0005
2023-10-15T09:51:10	1	0	3	3	0	1.0331	1.0325	-0.0006	-0.9969	-0.997	0.0001
2023-10-15T09:51:32	1	0	4	4	0	1.0187	1.0187	0.0000	0.991	0.9915	-0.0005
2023-10-15T09:54:38	1	0	2	2	0	1.0211	1.0207	-0.0004	-0.9866	-0.9863	-0.0003
2023-10-15T09:56:12	1	0	29	29	0	1.0540	1.0540	-0.0001	-0.9342	-0.9342	0.0000
2023-10-15T09:57:22	2	0	2	2	0	1.0390	1.0387	-0.0002	0.9998	0.9998	0.0000
2023-10-15T09:58:24	3	0	7	6	1	1.0413	1.0399	-0.0014	-0.9609	-0.9617	0.0008
2023-10-15T09:58:35	1	0	1	1	0	0.9993	0.9986	-0.0007	0.9878	0.9877	0.0001
2023-10-15T09:58:54	1	0	12	12	0	1.0539	1.0539	0.0000	-0.911	-0.911	0.0000
2023-10-15T10:00:23	1	0	1	1	0	0.8696	0.8696	0.0000	0.9982	0.9982	0.0000
2023-10-15T10:00:25	1	0	60	60	0	1.0644	1.0641	-0.0004	0.961	0.9605	0.0005
2023-10-15T10:01:15	1	0	10	10	0	1.0329	1.0328	-0.0001	0.9876	0.9872	0.0004
2023-10-15T10:03:03	1	0	5	5	0	1.0137	1.0136	-0.0001	0.9948	0.995	-0.0002
2023-10-15T10:04:32	1	0	12	9	3	1.0507	1.0479	-0.0028	-0.9967	-0.9971	0.0004
2023-10-15T10:04:40	2	0	3	3	0	1.0363	1.0359	-0.0003	-1	-1	0.0000
2023-10-15T10:05:03	2	0	80	77	3	1.0590	1.0572	-0.0017	0.9988	0.9988	0.0000
2023-10-15T10:05:08	8	0	6	6	0	1.0404	1.0395	-0.0009	-0.9999	-0.9999	0.0000
2023-10-15T10:05:30	1	0	26	26	0	0.9640	0.9640	0.0000	0.9729	0.9731	-0.0002
2023-10-15T10:06:11	1	0	3	3	0	1.0351	1.0344	-0.0007	-0.996	-0.9961	0.0001
2023-10-15T10:06:33	2	0	6	6	0	1.0251	1.0250	-0.0001	0.9891	0.9896	-0.0005
2023-10-15T10:07:15	1	0	13	13	0	1.0463	1.0462	-0.0001	-0.9977	-0.9977	0.0000
2023-10-15T10:09:16	2	0	27	26	1	0.9628	0.9630	0.0002	0.9768	0.9766	0.0002
2023-10-15T10:09:26	1	0	10	9	1	0.9678	0.9708	0.0030	-0.9835	-0.9832	-0.0003
2023-10-15T10:09:58	1	0	37	36	1	1.0543	1.0542	-0.0001	0.9998	0.9998	0.0000
2023-10-15T10:10:12	1	0	212	212	0	0.9007	0.9009	0.0001	0.9821	0.9822	-0.0001
2023-10-15T10:10:29	1	0	1	0	1	1.0362	null	null	-0.9553	-0.9553	0.0000
2023-10-15T10:11:59	2	0	1	1	0	0.9985	0.9990	0.0005	-0.9808	-0.9805	-0.0003
2023-10-15T10:12:18	2	0	8	8	0	1.0366	1.0365	-0.0001	-0.9951	-0.9952	0.0001
2023-10-15T10:13:01	1	0	4	4	0	1.0267	1.0265	-0.0002	0.9947	0.9946	0.0001
2023-10-15T10:13:48	2	0	6	6	0	1.0463	1.0462	-0.0001	-0.9853	-0.9857	0.0004
2023-10-15T10:13:55	1	0	10	7	3	1.0541	1.0517	-0.0024	-0.909	-0.9097	0.0007
2023-10-15T10:14:04	1	0	10	10	0	1.0464	1.0464	-0.0001	-0.9856	-0.9857	0.0001
2023-10-15T10:15:46	1	0	6	6	0	1.0397	1.0396	-0.0001	-0.9975	-0.9975	0.0000
2023-10-15T10:15:50	2	0	15	14	1	1.0506	1.0511	0.0005	0.9687	0.9686	0.0001
2023-10-15T10:16:32	1	0	1	1	0	1.0403	1.0398	-0.0005	-0.9932	-0.9933	0.0001
2023-10-15T10:16:48	1	0	5	5	0	0.9861	0.9862	0.0001	0.998	0.9982	-0.0002
2023-10-15T10:17:25	1	0	8	8	0	0.9578	0.9577	-0.0001	0.9844	0.9841	0.0003
2023-10-15T10:17:37	1	0	3	3	0	1.0330	1.0325	-0.0005	0.9655	0.9657	-0.0002
2023-10-15T10:19:48	2	0	2	2	0	1.0179	1.0167	-0.0012	0.9453	0.9444	0.0009
2023-10-15T10:20:04	1	0	52	52	0	1.0561	1.0560	0.0000	0.9987	0.9987	0.0000
2023-10-15T10:20:24	5	0	5	5	0	1.0125	1.0119	-0.0007	-0.9997	-0.9999	0.0002
2023-10-15T10:20:26	1	0	1	1	0	1.0320	1.0316	-0.0004	-0.9998	-0.9998	0.0000
2023-10-15T10:20:33	1	0	6	6	0	1.0422	1.0421	-0.0001	-0.9918	-0.9922	0.0004
2023-10-15T10:22:16	4	0	9	9	0	1.0397	1.0393	-0.0004	-0.998	-0.9981	0.0001
2023-10-15T10:22:26	1	0	1	1	0	1.0583	1.0580	-0.0003	0.9992	0.9992	0.0000
2023-10-15T10:24:38	1	0	3	3	0	1.0146	1.0145	-0.0001	-0.9966	-0.9967	0.0001
2023-10-15T10:24:48	2	0	147	135	12	1.0560	1.0558	-0.0002	0.9666	0.9659	0.0007
2023-10-15T10:24:59	1	0	68	63	5	1.0550	1.0549	-0.0001	0.9999	0.9999	0.0000
2023-10-15T10:25:13	2	0	364	129	235	1.0195	0.9503	-0.0692	0.9525	0.9452	0.0073
2023-10-15T10:28:17	2	0	2	2	0	1.0378	1.0350	-0.0028	0.9999	0.9998	0.0001

2023-10-15T10:33:26	1	0	8	8	0	1.0213	1.0214	0.0001	0.996	0.9961	-0.0001
2023-10-15T10:34:04	3	0	3	3	0	1.0122	1.0125	0.0003	0.9889	0.9891	-0.0002
2023-10-15T10:37:17	1	0	15	15	0	1.0478	1.0477	0.0000	-0.9982	-0.9982	0.0000
2023-10-15T10:40:00	1	0	81	80	1	1.0554	1.0553	0.0000	0.9999	0.9999	0.0000
2023-10-15T10:40:31	2	0	1	1	0	1.0329	1.0320	-0.0009	-0.9583	-0.9585	0.0002
2023-10-15T10:41:25	1	0	5	5	0	1.0577	1.0575	-0.0002	0.9999	0.9999	0.0000
2023-10-15T10:47:08	1	0	3	3	0	1.0373	1.0366	-0.0008	0.9977	0.9976	0.0001
2023-10-15T10:48:21	2	0	1	1	0	1.0583	1.0565	-0.0018	0.974	0.9733	0.0007
2023-10-15T10:48:36	1	0	5	5	0	1.0335	1.0333	-0.0002	-0.993	-0.993	0.0000
2023-10-15T10:50:06	2	0	34	34	0	1.0550	1.0549	-0.0001	0.9982	0.998	0.0002
2023-10-15T10:50:26	1	0	4	4	0	1.0116	1.0114	-0.0003	1	1	0.0000
2023-10-15T10:53:15	1	0	1	1	0	1.0365	1.0363	-0.0002	0.9789	0.9733	0.0056
2023-10-15T10:54:03	2	0	45	44	1	0.9268	0.9201	-0.0067	0.9973	0.9973	0.0000
2023-10-15T10:54:19	2	0	29	29	0	0.9665	0.9664	-0.0001	0.9757	0.9754	0.0003
2023-10-15T10:55:28	1	0	614	650	-36	0.7774	0.8232	0.0458	0.907	0.9234	-0.0164
2023-10-15T10:56:33	1	0	16	15	1	1.0532	1.0531	-0.0002	0.9947	0.9946	0.0001
2023-10-15T10:57:02	2	0	1	1	0	0.9982	0.9988	0.0006	-0.9802	-0.9799	-0.0003
2023-10-15T10:57:21	1	0	86	86	0	1.1309	1.1293	-0.0016	-0.9953	-0.9954	0.0001
2023-10-15T10:57:47	2	0	4	4	0	1.0474	1.0468	-0.0006	-0.9948	-0.9949	0.0001
2023-10-15T11:01:09	2	0	5	5	0	1.0423	1.0417	-0.0006	0.9966	0.9965	0.0001
2023-10-15T11:01:21	3	0	18	15	3	1.0551	1.0544	-0.0007	-0.9998	-0.9998	0.0000
2023-10-15T11:01:51	2	0	5	5	0	1.0320	1.0317	-0.0003	0.9991	0.9991	0.0000
2023-10-15T11:03:07	1	0	4	4	0	1.0046	1.0045	-0.0001	0.9935	0.9937	-0.0002
2023-10-15T11:05:29	1	0	3	3	0	1.0289	1.0287	-0.0002	0.9995	0.9995	0.0000
2023-10-15T11:05:36	2	0	7	7	0	1.0438	1.0434	-0.0003	-0.995	-0.9956	0.0006
2023-10-15T11:09:08	2	0	1	1	0	1.0566	1.0558	-0.0008	-0.9981	0.9999	0.0020
2023-10-15T11:09:30	1	0	3	3	0	0.9346	0.9347	0.0000	0.9606	0.9611	-0.0005
2023-10-15T11:09:41	1	0	4	4	0	1.0217	1.0217	-0.0001	-0.9954	-0.9954	0.0000
2023-10-15T11:11:37	2	0	3	4	-1	1.0124	0.9951	-0.0173	0.9979	0.9978	0.0001
2023-10-15T11:13:59	1	0	3	3	0	1.0525	1.0524	-0.0001	-0.9168	-0.916	-0.0008
2023-10-15T11:14:13	1	0	6	4	2	1.0509	1.0469	-0.0040	-1	-1	0.0000
2023-10-15T11:15:54	1	0	19	18	1	1.0525	1.0524	-0.0001	0.9648	0.9642	0.0006
2023-10-15T11:16:55	1	0	50	50	0	1.0585	1.0585	0.0000	-0.9983	-0.9983	0.0000
2023-10-15T11:18:29	2	0	18	9	9	0.9401	0.9396	-0.0005	-0.9987	-0.9987	0.0000
2023-10-15T11:18:31	1	0	5	5	0	1.0490	1.0488	-0.0002	0.9977	0.9976	0.0001
2023-10-15T11:20:13	1	0	4	4	0	1.0396	1.0394	-0.0003	-0.9999	-0.9999	0.0000
2023-10-15T11:22:20	1	0	11	10	1	1.0444	1.0441	-0.0002	-0.9986	-0.9986	0.0000
2023-10-15T11:24:31	1	0	3	3	0	0.9396	0.9396	0.0000	0.952	0.9523	-0.0003
2023-10-15T11:26:29	1	0	2	2	0	1.0418	1.0415	-0.0002	0.9774	0.9773	0.0001
2023-10-15T11:30:08	4	0	2	1	1	1.0617	1.0580	-0.0038	-1	-1	0.0000
2023-10-15T11:30:29	4	0	2	2	0	0.9669	0.9662	-0.0007	0.9994	0.9993	0.0001
2023-10-15T11:31:02	1	0	1	0	1	1.0559	null	null	0.9972	0.9972	0.0000
2023-10-15T11:31:56	3	0	56	56	0	1.0545	1.0545	0.0000	0.998	0.998	0.0000
2023-10-15T11:33:30	1	0	4	4	0	1.0513	1.0513	0.0000	0.9999	0.9999	0.0000
2023-10-15T11:34:08	3	0	2	2	0	1.0258	1.0258	0.0000	0.9896	0.9895	0.0001
2023-10-15T11:34:51	2	0	2	2	0	1.0412	1.0412	0.0000	-1	-1	0.0000
2023-10-15T11:35:14	15	0	5	5	0	1.0370	1.0369	-0.0001	-1	-1	0.0000
2023-10-15T11:35:29	6	0	3	4	-1	1.0079	1.0100	0.0021	1	1	0.0000
2023-10-15T11:36:39	4	0	6	6	0	0.9897	0.9901	0.0003	0.9881	0.9889	-0.0008
2023-10-15T11:38:17	1	0	4	4	0	1.0418	1.0418	0.0000	0.9968	0.9968	0.0000
2023-10-15T11:39:32	1	0	1	1	0	0.9340	0.9340	0.0000	0.9574	0.9577	-0.0003
2023-10-15T11:39:32	1	0	3	3	0	1.0358	1.0358	0.0000	-0.9652	-0.9648	-0.0004
2023-10-15T11:41:19	1	0	30	30	0	1.0531	1.0532	0.0000	-0.968	-0.9677	-0.0003
2023-10-15T11:41:39	2	0	2	2	0	0.9248	0.9249	0.0001	0.9964	0.9964	0.0000
2023-10-15T11:45:14	1	0	1	1	0	1.0297	1.0293	-0.0004	-0.9736	-0.9737	0.0001
2023-10-15T11:45:32	6	0	34	15	19	1.0544	1.0517	-0.0026	0.9538	0.9532	0.0006
2023-10-15T11:46:19	4	0	5	5	0	1.0534	1.0511	-0.0023	-0.9994	-0.9995	0.0001
2023-10-15T11:46:54	4	0	6	7	-1	1.0284	1.0282	-0.0002	0.9983	0.9983	0.0000
2023-10-15T11:47:52	2	0	1	0	1	1.0554	null	null	0.968	0.968	0.0000
2023-10-15T11:48:31	1	0	10	10	0	1.0525	1.0525	0.0000	1	-1	0.0000
2023-10-15T11:49:09	3	0	3	3	0	1.0244	1.0244	0.0000	0.9891	0.989	0.0001
2023-10-15T11:49:52	2	0	4	4	0	1.0404	1.0403	-0.0001	0.9998	0.9999	-0.0001
2023-10-15T11:54:33	1	0	2	2	0	0.9403	0.9403	0.0000	0.9534	0.9531	0.0003
2023-10-15T11:54:33	1	0	3	3	0	1.0375	1.0375	0.0000	-0.9648	-0.9644	-0.0004
2023-10-15T11:56:20	1	0	6	6	0	1.0492	1.0492	0.0000	0.9985	0.9985	0.0000
2023-10-15T11:56:31	1	0	1	1	0	1.0571	1.0571	0.0000	0.9764	0.9748	0.0016
2023-10-15T11:56:40	2	0	2	2	0	0.9247	0.9248	0.0001	0.9958	0.9959	-0.0001
2023-10-15T11:57:18	3	0	2	2	0	1.0290	1.0284	-0.0006	-0.9914	-0.9915	0.0001
2023-10-15T11:59:26	1	0	1	1	0	1.0600	1.0594	-0.0006	-0.9999	-1	0.0001
2023-10-15T12:00:31	7	0	3	3	0	0.9986	0.9980	-0.0006	0.9992	0.9992	0.0000
2023-10-15T12:00:33	6	0	4	4	0	1.0482	1.0486	0.0003	0.907	0.9421	-0.0351
2023-10-15T12:01:58	3	0	6	7	-1	1.0517	1.0514	-0.0004	0.9999	1	-0.0001
2023-10-15T12:02:10	4	0	5	4	1	1.0626	1.0597	-0.0029	-0.9998	-1	0.0002
2023-10-15T12:03:32	3	0	20	18	2	1.0489	1.0488	-0.0002	-0.9968	-0.9968	0.0000
2023-10-15T12:05:31	5	0	1	1	0	1.0113	1.0111	-0.0002	0.9973	0.9973	0.0000
2023-10-15T12:09:34	1	0	4	4	0	1.0398	1.0398	0.0000	-0.9633	-0.9629	-0.0004
2023-10-15T12:11:21	1	0	6	6	0	1.0493	1.0493	0.0000	0.9993	0.9994	-0.0001
2023-10-15T12:11:32	1	0	1	1	0	1.0589	1.0589	0.0000	0.979	0.979	0.0000
2023-10-15T12:12:19	3	0	1	1	0	1.0315	1.0315	0.0000	-0.9886	-0.9885	-0.0001
2023-10-15T12:16:56	4	0	11	11	0	1.0066	1.0062	-0.0004	-0.9997	-0.9997	0.0000
2023-10-15T12:20:32	1	0	2	2	0	1.0152	1.0149	-0.0003	0.9969	0.9967	0.0002
2023-10-15T12:24:35	1	0	3	4	-1	0.9389	0.9404	0.0014	0.9479	0.9476	0.0003
2023-10-15T12:25:21	2	0	352	355	-3	0.9185	0.9184	-0.0001	0.9041	0.9041	0.0000
2023-10-15T12:30:35	1	0	5	5	0	1.0249	1.0249	0.0000	0.9559	0.9258	0.0301
2023-10-15T12:32:00	3	0	21	21	0	1.0496	1.0496	0.0000	0.9937	0.9938	-0.0001

2023-10-15T12:34:12	3	0	3	3	0	1.0241	1.0241	0.0000	0.9897	0.9895	0.0002
2023-10-15T12:35:18	14	0	4	6	-2	1.0420	1.0439	0.0019	-0.9994	-0.9993	-0.0001
2023-10-15T12:37:25	2	0	3	3	0	1.0132	1.0132	0.0000	0.9887	0.9893	-0.0006
2023-10-15T12:41:23	1	0	35	33	2	1.0567	1.0568	0.0000	-0.9628	-0.9627	-0.0001
2023-10-15T12:45:36	1	0	10	10	0	1.0493	1.0493	0.0000	0.9093	0.9455	-0.0362
2023-10-15T12:57:48	1	0	3	3	0	1.0482	1.0479	-0.0002	0.9923	0.9923	0.0000
2023-10-15T13:00:35	4	0	2	2	0	0.9694	0.9691	-0.0003	0.9995	0.9995	0.0000
2023-10-15T13:00:37	1	0	8	8	0	1.0436	1.0432	-0.0003	0.9651	0.9637	0.0014
2023-10-15T13:02:57	2	0	2	0	2	1.0560	null	null	0.9686	0.9682	0.0004
2023-10-15T13:04:57	2	0	4	4	0	1.0420	1.0419	-0.0001	-0.9999	-0.9999	0.0000
2023-10-15T13:07:27	1	0	5	6	-1	1.0213	1.0268	0.0055	0.9899	0.9905	-0.0006
2023-10-15T13:19:11	1	0	6	6	0	1.0520	1.0520	0.0000	0.9997	0.9998	-0.0001
2023-10-15T13:22:28	1	0	7	6	1	1.0372	1.0332	-0.0040	0.9888	0.9894	-0.0006
2023-10-15T13:22:47	1	0	67	66	1	1.0512	1.0511	-0.0001	-0.9909	-0.9907	-0.0002
2023-10-15T13:25:35	1	0	1	1	0	0.9438	0.9441	0.0003	-0.9964	-0.9992	0.0028
2023-10-15T13:30:39	1	0	5	5	0	1.0273	1.0272	-0.0001	0.9794	0.9556	0.0238
2023-10-15T13:32:48	1	0	3	3	0	1.0200	1.0200	0.0000	0.9486	0.9484	0.0002
2023-10-15T13:35:49	2	0	8	10	-2	1.0371	1.0398	0.0027	-0.9982	-0.9979	-0.0003
2023-10-15T13:45:09	3	0	1	1	0	1.0119	1.0102	-0.0017	0.968	0.9678	0.0002
2023-10-15T13:45:40	6	0	49	49	0	1.0571	1.0565	-0.0006	0.9544	0.9546	-0.0002
2023-10-15T13:47:02	1	0	16	16	0	1.0397	1.0396	0.0000	-0.9965	-0.9965	0.0000
2023-10-15T13:47:05	2	0	28	27	1	1.0560	1.0559	-0.0002	-1	-1	0.0000
2023-10-15T13:49:01	2	0	23	22	1	1.0435	1.0428	-0.0006	0.9649	0.9649	0.0000
2023-10-15T13:50:00	2	0	6	6	0	1.0394	1.0393	0.0000	1	1	0.0000
2023-10-15T13:50:23	12	0	18	14	4	1.0371	1.0361	-0.0011	-0.9998	-0.9998	0.0000
2023-10-15T13:55:44	1	0	233	233	0	1.0612	1.0612	0.0000	0.9491	0.9486	0.0005
2023-10-15T13:56:28	1	0	26	25	1	1.0544	1.0543	-0.0001	-0.9427	-0.9426	-0.0001
2023-10-15T13:56:49	1	0	3	3	0	0.9669	0.9668	-0.0001	0.9968	0.9955	0.0013
2023-10-15T14:03:34	2	0	1	1	0	1.0652	1.0597	-0.0055	0.9581	0.9583	-0.0002
2023-10-15T14:05:24	14	0	12	11	1	1.0465	1.0464	-0.0001	-0.9995	-0.9996	0.0001
2023-10-15T14:05:50	1	0	7	8	-1	1.0104	1.0105	0.0001	0.9706	0.9708	-0.0002
2023-10-15T14:06:16	2	0	3	2	1	1.0629	1.0568	-0.0061	-1	-1	0.0000
2023-10-15T14:10:45	3	0	1	1	0	1.0314	1.0299	-0.0015	-0.9563	-0.9542	-0.0021
2023-10-15T14:11:50	2	0	2	2	0	0.9985	0.9984	-0.0002	0.9976	0.9976	0.0000
2023-10-15T14:14:04	2	0	8	9	-1	1.0512	1.0517	0.0005	-0.9778	-0.9776	-0.0002
2023-10-15T14:15:00	1	0	1	1	0	1.0137	1.0137	0.0000	0.9881	0.9881	0.0000
2023-10-15T14:17:04	3	0	8	8	0	1.0344	1.0343	-0.0001	0.999	0.999	0.0000
2023-10-15T14:17:07	2	0	24	24	0	1.0516	1.0516	-0.0001	0.994	0.994	0.0000
2023-10-15T14:17:22	1	0	95	93	2	0.9487	0.9508	0.0021	0.9983	0.9984	-0.0001
2023-10-15T14:17:51	1	0	6	6	0	1.0213	1.0211	-0.0002	0.9633	0.9631	0.0002
2023-10-15T14:18:15	1	0	264	263	1	1.0617	1.0617	0.0000	-0.9859	-0.9866	0.0007
2023-10-15T14:18:33	1	0	40	40	0	1.0558	1.0551	-0.0007	-0.9926	-0.9927	0.0001
2023-10-15T14:18:35	2	0	1	1	0	1.0609	1.0605	-0.0004	0.9584	0.9583	0.0001
2023-10-15T14:19:02	2	0	3	3	0	1.0308	1.0305	-0.0003	-0.9905	-0.9844	-0.0061
2023-10-15T14:20:02	2	0	6	6	0	1.0376	1.0375	-0.0001	1	1	0.0000
2023-10-15T14:20:25	18	0	6	6	0	1.0356	1.0351	-0.0006	0.9998	1	-0.0002
2023-10-15T14:20:40	4	0	1	2	-1	1.0120	1.0130	0.0010	0.9996	0.9996	0.0000
2023-10-15T14:20:51	1	0	11	11	0	0.9917	0.9916	0.0000	0.9757	0.9758	-0.0001
2023-10-15T14:20:52	4	0	13	13	0	1.0443	1.0444	0.0000	-0.9955	-0.9955	0.0000
2023-10-15T14:22:14	2	0	2	1	1	1.0622	1.0613	-0.0009	-1	0.9998	0.0002
2023-10-15T14:24:17	2	0	2	2	0	1.0496	1.0493	-0.0003	0.9984	0.9984	0.0000
2023-10-15T14:24:21	2	0	16	6	10	1.0555	1.0547	-0.0008	0.9999	0.9943	0.0056
2023-10-15T14:24:48	1	0	1	0	1	1.0555	null	null	-0.9994	-0.9994	0.0000
2023-10-15T14:26:51	2	0	3	3	0	0.9733	0.9732	-0.0001	0.9975	0.9974	0.0001
2023-10-15T14:28:39	1	0	4	4	0	1.0334	1.0328	-0.0006	0.9996	0.9996	0.0000
2023-10-15T14:29:05	2	0	6	6	0	1.0495	1.0494	-0.0001	-0.9793	-0.9795	0.0002
2023-10-15T14:29:12	1	0	4	5	-1	1.0511	1.0519	0.0008	-0.8871	-0.8859	-0.0012
2023-10-15T14:29:51	1	0	10	10	0	1.0445	1.0445	-0.0001	-0.9912	-0.9912	0.0000
2023-10-15T14:32:05	3	0	10	10	0	1.0238	1.0237	-0.0001	0.999	0.9991	-0.0001
2023-10-15T14:32:08	2	0	29	27	2	1.0568	1.0569	0.0001	-0.9994	-0.9994	0.0000
2023-10-15T14:32:23	1	0	95	95	0	0.9297	0.9299	0.0002	0.997	0.9956	0.0014
2023-10-15T14:32:56	1	0	19	16	3	1.0478	1.0463	-0.0014	-0.9999	-0.9999	0.0000
2023-10-15T14:35:03	2	0	6	6	0	1.0409	1.0408	-0.0001	-0.9998	-0.9997	-0.0001
2023-10-15T14:35:26	12	0	1	1	0	1.0575	1.0562	-0.0013	0.9997	0.9997	0.0000
2023-10-15T14:35:52	1	0	8	8	0	1.0113	1.0113	-0.0001	0.9756	0.9756	0.0000
2023-10-15T14:35:53	4	0	20	19	1	1.0455	1.0455	0.0000	-0.9599	-0.9614	0.0015
2023-10-15T14:38:24	2	0	3	1	2	1.0594	1.0645	0.0051	-0.9996	-0.9998	0.0002
2023-10-15T14:39:18	2	0	2	2	0	1.0469	1.0468	-0.0001	0.9982	0.9982	0.0000
2023-10-15T14:39:22	2	0	1	1	0	1.0568	1.0567	-0.0001	0.9912	0.991	0.0002
2023-10-15T14:40:32	1	0	5	5	0	1.0495	1.0493	-0.0002	0.9973	0.9973	0.0000
2023-10-15T14:40:48	2	0	1	1	0	1.0557	1.0551	-0.0006	-0.9993	-0.9994	0.0001
2023-10-15T14:41:31	1	0	38	37	1	1.0549	1.0547	-0.0002	-0.984	-0.984	0.0000
2023-10-15T14:42:55	1	0	2	2	0	1.0467	1.0467	0.0000	0.9912	0.9913	-0.0001
2023-10-15T14:43:19	1	0	6	6	0	1.0248	1.0247	-0.0001	0.9954	0.9954	0.0000
2023-10-15T14:44:06	2	0	8	8	0	1.0519	1.0519	0.0000	-0.9814	-0.9815	0.0001
2023-10-15T14:44:13	1	0	6	6	0	1.0512	1.0512	0.0000	-0.8884	-0.8885	0.0001
2023-10-15T14:45:02	1	0	2	2	0	1.0065	1.0064	-0.0001	0.9877	0.9876	0.0001
2023-10-15T14:45:42	1	0	1	1	0	0.8852	0.8852	0.0000	0.9985	0.9985	0.0000
2023-10-15T14:45:44	7	0	49	46	3	1.0570	1.0566	-0.0003	0.9549	0.9544	0.0005
2023-10-15T14:45:52	4	0	22	21	1	1.0465	1.0465	0.0000	-0.9967	-0.9971	0.0004
2023-10-15T14:45:54	1	0	12	12	0	1.0482	1.0482	0.0000	-0.9855	-0.9855	0.0000
2023-10-15T14:47:06	2	0	13	13	0	1.0243	1.0243	0.0000	0.9991	0.999	0.0001
2023-10-15T14:47:09	1	0	23	22	1	1.0535	1.0534	-0.0001	-0.9992	-0.9992	0.0000
2023-10-15T14:47:53	1	0	2	2	0	1.0207	1.0207	-0.0001	0.9604	0.9512	0.0092
2023-10-15T14:47:57	1	0	6	6	0	1.0396	1.0395	-0.0001	0.9765	0.9763	0.0002

2023-10-15T14:48:35	1	0	29	29	0	1.0537	1.0537	0.0000	-0.9916	-0.9916	0.0000
2023-10-15T14:48:37	2	0	1	1	0	1.0598	1.0594	-0.0004	0.955	0.9548	0.0002
2023-10-15T14:49:06	1	0	7	7	0	0.9380	0.9381	0.0001	0.9445	0.9444	0.0001
2023-10-15T14:49:17	1	0	20	19	1	1.0548	1.0548	0.0000	-1	-1	0.0000
2023-10-15T14:50:43	4	0	3	3	0	1.0153	1.0147	-0.0005	0.9995	0.9993	0.0002
2023-10-15T14:55:15	1	0	41	40	1	1.0486	1.0486	0.0000	0.996	0.9959	0.0001
2023-10-15T14:55:31	2	0	341	210	131	1.0030	0.9340	-0.0690	0.9162	0.9066	0.0096
2023-10-15T14:55:48	1	0	1	0	1	1.0054	null	null	-0.9488	-0.9484	-0.0004
2023-10-15T14:56:53	3	0	3	3	0	1.0156	1.0155	-0.0001	0.998	0.9978	0.0002
2023-10-15T15:04:18	1	0	17	17	0	1.0529	1.0528	-0.0002	1	1	0.0000
2023-10-15T15:05:28	13	0	7	7	0	1.0384	1.0378	-0.0006	-0.9998	-0.9999	0.0001
2023-10-15T15:07:35	2	0	18	11	7	1.0477	1.0422	-0.0055	0.9883	0.9887	-0.0004
2023-10-15T15:10:18	1	0	149	148	1	1.0577	1.0577	0.0000	0.9996	0.9996	0.0000
2023-10-15T15:14:38	1	0	5	5	0	1.0380	1.0377	-0.0003	0.9997	0.9997	0.0000
2023-10-15T15:17:22	1	0	3	3	0	1.0312	1.0311	-0.0001	0.9863	0.9862	0.0001
2023-10-15T15:20:06	1	0	16	15	1	1.0447	1.0446	0.0000	-1	1	0.0000
2023-10-15T15:20:29	6	0	12	9	3	1.0315	1.0315	0.0000	-0.9995	-0.9992	-0.0003
2023-10-15T15:20:45	1	0	6	6	0	1.0164	1.0162	-0.0002	0.9996	0.9994	0.0002
2023-10-15T15:22:43	3	0	1	0	1	1.0377	null	null	-0.9666	-0.967	0.0004
2023-10-15T15:25:25	1	0	2	2	0	1.0398	1.0397	-0.0001	-1	-1	0.0000
2023-10-15T15:31:34	1	0	60	60	0	1.0616	1.0617	0.0001	0.9813	0.9804	0.0009
2023-10-15T15:32:23	2	0	4	4	0	1.0242	1.0237	-0.0005	0.9875	0.9874	0.0001
2023-10-15T15:35:11	1	0	19	19	0	0.9455	0.9458	0.0003	0.9052	0.9053	-0.0001
2023-10-15T15:46:35	1	0	48	31	17	1.0557	1.0536	-0.0022	0.9567	0.9582	-0.0015
2023-10-15T15:56:18	1	0	3	3	0	1.0258	1.0255	-0.0003	0.9771	0.9808	-0.0037
2023-10-15T15:56:32	1	0	1	0	1	1.0565	null	null	-0.9999	-0.9999	0.0000
2023-10-15T16:01:09	4	0	13	13	0	1.0439	1.0437	-0.0001	-0.9963	-0.9965	0.0002
2023-10-15T16:01:56	1	0	3	3	0	1.0363	1.0362	-0.0001	-0.9943	-0.9944	0.0001
2023-10-15T16:02:25	1	0	3	4	-1	1.0275	1.0068	-0.0207	0.9863	0.9864	-0.0001
2023-10-15T16:03:51	1	0	3	3	0	1.0238	1.0231	-0.0007	-0.9941	-0.9942	0.0001
2023-10-15T16:05:48	1	0	5	5	0	1.0102	1.0102	0.0000	0.9997	0.9996	0.0001
2023-10-15T16:10:36	1	0	199	200	-1	0.9421	0.9423	0.0002	0.9874	0.9875	-0.0001
2023-10-15T16:11:19	1	0	365	364	1	1.0849	1.0849	0.0000	-0.9989	-0.9989	0.0000
2023-10-15T16:15:19	3	0	1	0	1	1.0143	null	null	0.9877	0.9876	0.0001
2023-10-15T16:16:37	1	0	9	9	0	1.0499	1.0493	-0.0006	0.9611	0.9602	0.0009
2023-10-15T16:17:30	1	0	2	2	0	1.0278	1.0271	-0.0008	0.9986	0.9985	0.0001
2023-10-15T17:10:57	1	0	1	0	1	1.0338	null	null	-0.9562	-0.9558	-0.0004
2023-10-15T17:48:51	1	0	29	29	0	0.9646	0.9676	0.0030	0.9795	0.98	-0.0005
2023-10-16T08:06:25	1	0	77	77	0	1.0554	1.0552	-0.0001	0.982	0.982	0.0000
2023-10-16T08:09:53	1	0	148	146	2	1.0562	1.0562	0.0000	1	1	0.0000
2023-10-16T08:13:18	2	0	8	8	0	1.0333	1.0331	-0.0001	-0.9692	-0.9692	0.0000
2023-10-16T08:13:49	1	0	24	23	1	1.0521	1.0519	-0.0002	-0.9179	-0.9173	-0.0006
2023-10-16T08:22:46	2	0	244	242	2	1.0602	1.0602	0.0000	-0.9726	-0.9724	-0.0002
2023-10-16T08:34:46	1	0	23	23	0	0.9402	0.9402	0.0000	0.8946	0.8946	0.0000
2023-10-16T08:36:25	1	0	3	3	0	0.9400	0.9403	0.0003	-0.9986	-0.9985	-0.0001
2023-10-16T08:37:47	2	0	188	186	2	1.0592	1.0591	0.0000	-0.9653	-0.9649	-0.0004
2023-10-16T08:43:51	1	0	58	58	0	1.0541	1.0540	-0.0001	-0.9125	-0.9119	-0.0006
2023-10-16T09:12:16	1	0	2	2	0	1.0151	1.0149	-0.0002	0.9994	0.9994	0.0000
2023-10-16T09:14:02	1	0	4	4	0	1.0025	1.0024	-0.0001	0.9844	0.9844	0.0000
2023-10-16T09:16:09	1	0	13	13	0	1.0344	1.0343	-0.0001	0.9888	0.9886	0.0002
2023-10-16T09:18:13	1	0	78	77	1	0.9350	0.9355	0.0004	0.9401	0.9402	-0.0001
2023-10-16T09:20:27	1	0	9	9	0	0.9883	0.9882	-0.0001	0.9727	0.9727	0.0000
2023-10-16T09:24:58	1	0	136	134	2	1.0563	1.0563	0.0000	-1	-1	0.0000
2023-10-16T09:30:53	4	0	24	7	17	1.0569	1.0563	-0.0006	0.952	0.9512	0.0008
2023-10-16T09:33:22	1	0	110	102	8	0.9211	0.9217	0.0006	0.9991	0.9992	-0.0001
2023-10-16T09:34:31	1	0	1	1	0	1.0413	1.0409	-0.0004	-1	-1	0.0000
2023-10-16T09:34:50	2	0	13	13	0	0.9432	0.9431	-0.0001	0.8991	0.8986	0.0005
2023-10-16T09:35:03	1	0	31	29	2	1.0548	1.0548	0.0000	0.9819	0.9818	0.0001
2023-10-16T09:35:21	1	0	5	5	0	1.0125	1.0125	-0.0001	0.9995	0.9994	0.0001
2023-10-16T09:36:08	1	0	5	5	0	1.0170	1.0168	-0.0001	-0.9951	-0.9952	0.0001
2023-10-16T09:37:51	2	0	344	342	2	1.0615	1.0615	0.0000	-0.9696	-0.9695	-0.0001
2023-10-16T09:39:51	1	0	7	7	0	0.8980	0.8984	0.0003	0.9664	0.9667	-0.0003
2023-10-16T09:41:26	1	0	1	2	-1	1.0136	1.0089	-0.0046	0.999	0.9991	-0.0001
2023-10-16T09:43:49	2	0	4	4	0	1.0462	1.0461	-0.0002	-0.9915	-0.9917	0.0002
2023-10-16T09:45:22	1	0	2	2	0	0.9246	0.9249	0.0003	0.9967	0.9967	0.0000
2023-10-16T09:48:15	2	0	3	4	-1	0.9400	0.9411	0.0012	0.9474	0.9476	-0.0002
2023-10-16T09:48:23	1	0	4	4	0	0.9417	0.9417	0.0000	0.9994	0.9994	0.0000
2023-10-16T09:49:39	2	0	6	6	0	1.0342	1.0340	-0.0001	0.9811	0.981	0.0001
2023-10-16T09:49:51	1	0	27	27	0	0.9368	0.9368	0.0000	0.8806	0.8805	0.0001
2023-10-16T09:49:57	1	0	9	9	0	0.9797	0.9797	-0.0001	-0.9951	-0.9951	0.0000
2023-10-16T09:50:04	1	0	34	33	1	1.0547	1.0546	-0.0001	0.9818	0.9817	0.0001
2023-10-16T09:50:07	4	0	3	3	0	1.0388	1.0380	-0.0007	0.9999	0.9999	0.0000
2023-10-16T09:50:22	1	0	5	5	0	1.0152	1.0151	-0.0001	1	0.9999	0.0001
2023-10-16T09:54:52	1	0	3	3	0	0.8329	0.8329	0.0000	0.968	0.9681	-0.0001
2023-10-16T09:55:11	1	0	3	3	0	1.1332	1.1331	-0.0001	0.9815	0.9814	0.0001
2023-10-16T09:55:33	1	0	6	6	0	1.0158	1.0158	-0.0001	-0.9999	-0.9999	0.0000
2023-10-16T09:58:01	1	0	2	2	0	1.0235	1.0232	-0.0003	0.9971	0.997	0.0001
2023-10-16T09:59:59	2	0	5	4	1	1.0425	1.0387	-0.0038	0.9678	0.9678	0.0000
2023-10-16T10:00:23	1	0	1	1	0	0.9029	0.9029	0.0000	0.9968	0.9968	0.0000
2023-10-16T10:01:12	1	0	11	11	0	1.0374	1.0373	-0.0001	0.9897	0.9894	0.0003
2023-10-16T10:01:20	3	0	1	1	0	1.0365	1.0357	-0.0008	0.9894	0.9883	0.0011
2023-10-16T10:02:32	2	0	38	34	4	0.9578	0.9576	-0.0002	0.946	0.9461	-0.0001
2023-10-16T10:03:16	1	0	7	7	0	0.9414	0.9414	0.0000	0.9383	0.9383	0.0000
2023-10-16T10:03:40	1	0	9	9	0	1.0460	1.0459	-0.0001	0.9974	0.9969	0.0005
2023-10-16T10:04:40	2	0	8	8	0	1.0354	1.0353	-0.0001	0.985	0.9849	0.0001

2023-10-16T10:04:52	3	0	18	18	0	0.9346	0.9348	0.0002	0.887	0.8868	0.0002
2023-10-16T10:05:08	6	0	17	16	1	1.0483	1.0472	-0.0012	1	1	0.0000
2023-10-16T10:05:23	1	0	7	7	0	1.0163	1.0161	-0.0002	-0.9996	-0.9998	0.0002
2023-10-16T10:06:10	1	0	5	5	0	1.0227	1.0223	-0.0004	-0.9945	-0.9946	0.0001
2023-10-16T10:06:33	1	0	31	28	3	1.0470	1.0461	-0.0009	0.9926	0.9926	0.0000
2023-10-16T10:07:53	8	0	345	335	10	1.0625	1.0624	-0.0001	-0.9739	-0.974	0.0001
2023-10-16T10:08:05	3	0	85	83	2	0.9259	0.9270	0.0011	0.9964	0.9966	-0.0002
2023-10-16T10:09:08	1	0	13	13	0	1.0162	1.0161	0.0000	0.975	0.9747	0.0003
2023-10-16T10:09:25	1	0	2	1	1	1.0570	1.0561	-0.0009	-0.9902	-0.9904	0.0002
2023-10-16T10:09:39	1	0	8	8	0	1.0216	1.0216	0.0000	-0.9981	-0.9981	0.0000
2023-10-16T10:09:53	1	0	3	3	0	0.8461	0.8462	0.0001	0.9678	0.968	-0.0002
2023-10-16T10:10:01	3	0	68	63	5	1.0548	1.0552	0.0004	-1	-1	0.0000
2023-10-16T10:10:12	1	0	125	125	0	0.8704	0.8708	0.0004	0.982	0.982	0.0000
2023-10-16T10:10:34	1	0	8	8	0	1.0174	1.0174	0.0000	-1	-1	0.0000
2023-10-16T10:12:20	2	0	6	6	0	1.0144	1.0142	-0.0002	0.9994	0.9993	0.0001
2023-10-16T10:13:25	1	0	3	3	0	0.9821	0.9820	-0.0002	0.9928	0.9927	0.0001
2023-10-16T10:13:26	2	0	11	11	0	1.0467	1.0465	-0.0001	-0.9876	-0.9879	0.0003
2023-10-16T10:13:36	11	0	15	14	1	0.9394	0.9402	0.0008	0.9899	0.9903	-0.0004
2023-10-16T10:13:51	2	0	5	5	0	1.0439	1.0438	-0.0001	-0.994	-0.9943	0.0003
2023-10-16T10:13:57	2	0	143	135	8	1.0618	1.0612	-0.0006	-0.9035	-0.9044	0.0009
2023-10-16T10:14:06	1	0	4	4	0	1.0029	1.0027	-0.0002	0.9796	0.9801	-0.0005
2023-10-16T10:14:26	4	0	16	14	2	1.0373	1.0357	-0.0016	0.9999	0.9999	0.0000
2023-10-16T10:14:53	1	0	65	63	2	1.0533	1.0532	-0.0001	0.9886	0.9886	0.0000
2023-10-16T10:15:16	1	0	34	34	0	1.0487	1.0486	0.0000	-0.9985	-0.9985	0.0000
2023-10-16T10:15:46	1	0	9	9	0	1.0453	1.0451	-0.0002	-0.9973	-0.9974	0.0001
2023-10-16T10:16:48	2	0	7	7	0	1.0249	1.0248	-0.0001	0.9896	0.9894	0.0002
2023-10-16T10:18:25	1	0	93	88	5	0.9211	0.9219	0.0009	0.9999	1	-0.0001
2023-10-16T10:18:42	4	0	17	15	2	1.0470	1.0455	-0.0015	0.9974	0.9973	0.0001
2023-10-16T10:19:53	2	0	2	0	2	1.0455	null	null	-0.7823	-0.7828	0.0005
2023-10-16T10:20:06	5	0	34	33	1	1.0549	1.0546	-0.0003	0.9813	0.9807	0.0006
2023-10-16T10:20:24	4	0	7	7	0	1.0148	1.0144	-0.0004	0.9999	0.9998	0.0001
2023-10-16T10:20:26	2	0	2	2	0	1.0350	1.0347	-0.0003	-0.9959	-0.9958	-0.0001
2023-10-16T10:20:31	1	0	7	7	0	0.9897	0.9896	-0.0001	0.971	0.9709	0.0001
2023-10-16T10:21:32	1	0	1	1	0	0.9377	0.9392	0.0015	-0.998	-0.9977	-0.0003
2023-10-16T10:22:23	3	0	5	4	1	1.0405	1.0396	-0.0009	-0.9794	-0.9799	0.0005
2023-10-16T10:22:26	1	0	1	1	0	1.0570	1.0567	-0.0003	0.9981	0.998	0.0001
2023-10-16T10:24:09	3	0	16	17	-1	1.0165	1.0120	-0.0044	0.9725	0.9722	0.0003
2023-10-16T10:24:49	2	0	1	1	0	1.0169	1.0163	-0.0006	0.9935	0.9934	0.0001
2023-10-16T10:25:02	1	0	151	146	5	1.0567	1.0559	-0.0008	-0.9999	-1	0.0001
2023-10-16T10:26:31	1	0	19	18	1	1.0575	1.0576	0.0001	0.9354	0.9353	0.0001
2023-10-16T10:29:03	1	0	24	24	0	1.0461	1.0461	0.0000	-0.9948	-0.9949	0.0001
2023-10-16T10:29:21	1	0	4	4	0	1.0330	1.0329	-0.0001	-1	-1	0.0000
2023-10-16T10:30:49	1	0	20	19	1	1.0531	1.0531	0.0000	0.9642	0.9641	0.0001
2023-10-16T10:33:26	3	0	255	254	1	0.8793	0.8797	0.0004	0.9942	0.9941	0.0001
2023-10-16T10:41:26	1	0	2	2	0	1.0687	1.0682	-0.0005	0.9851	0.985	0.0001
2023-10-16T10:42:19	1	0	5	3	2	1.0281	1.0079	-0.0203	-0.9952	-0.9953	0.0001
2023-10-16T10:42:19	5	0	6	5	1	1.0362	1.0248	-0.0113	0.9992	0.9988	0.0004
2023-10-16T10:45:18	1	0	7	7	0	1.0475	1.0474	-0.0001	-0.9992	-0.9992	0.0000
2023-10-16T10:45:50	2	0	39	32	7	1.0564	1.0563	-0.0001	0.9652	0.9641	0.0011
2023-10-16T10:47:52	1	0	7	6	1	1.0521	1.0509	-0.0012	0.9682	0.9681	0.0001
2023-10-16T10:48:19	1	0	1	2	-1	0.9418	0.9988	0.0570	0.95	0.9505	-0.0005
2023-10-16T10:48:43	1	0	13	13	0	1.0460	1.0459	-0.0001	0.9971	0.9971	0.0000
2023-10-16T10:50:08	1	0	34	31	3	1.0539	1.0539	-0.0001	0.9761	0.9756	0.0005
2023-10-16T10:50:26	1	0	7	7	0	1.0164	1.0163	-0.0001	-0.9999	-1	0.0001
2023-10-16T10:51:13	1	0	6	6	0	1.0422	1.0422	0.0000	-0.9921	-0.9921	0.0000
2023-10-16T10:54:10	2	0	3	2	1	1.0492	1.0456	-0.0036	0.9698	0.9686	0.0012
2023-10-16T10:54:45	1	0	7	7	0	1.0242	1.0242	0.0000	-0.9975	-0.9975	0.0000
2023-10-16T10:56:15	1	0	1	1	0	1.0560	1.0556	-0.0004	-0.9919	-0.992	0.0001
2023-10-16T10:58:29	5	0	11	10	1	1.0455	1.0442	-0.0013	-0.984	-0.9842	0.0002
2023-10-16T10:59:09	1	0	4	4	0	0.9980	0.9979	-0.0001	0.9758	0.9765	-0.0007
2023-10-16T11:00:51	2	0	74	72	2	1.0587	1.0586	-0.0001	0.9655	0.9644	0.0011
2023-10-16T11:01:12	2	0	1	1	0	1.0205	1.0199	-0.0006	0.959	0.9579	0.0011
2023-10-16T11:01:24	1	0	8	8	0	1.0276	1.0275	-0.0001	0.9996	0.9996	0.0000
2023-10-16T11:03:49	1	0	11	11	0	1.0481	1.0479	-0.0002	0.9974	0.9974	0.0000
2023-10-16T11:04:37	2	0	3	2	1	1.0444	1.0385	-0.0059	-0.9999	-0.9999	0.0000
2023-10-16T11:05:02	1	0	5	5	0	0.9774	0.9772	-0.0001	-0.9899	-0.9899	0.0000
2023-10-16T11:05:12	6	0	22	21	1	1.0482	1.0491	0.0009	0.9991	0.9988	0.0003
2023-10-16T11:06:14	1	0	7	7	0	1.0280	1.0279	-0.0001	-0.9964	-0.9964	0.0000
2023-10-16T11:07:30	1	0	2	2	0	1.0042	1.0041	-0.0002	0.9801	0.9796	0.0005
2023-10-16T11:13:23	1	0	11	11	0	1.0430	1.0430	-0.0001	0.9703	0.9701	0.0002
2023-10-16T11:13:30	4	0	12	10	2	1.0432	1.0408	-0.0024	-0.9815	-0.9815	0.0000
2023-10-16T11:14:16	2	0	4	3	1	1.0392	1.0097	-0.0294	0.9991	0.9989	0.0002
2023-10-16T11:15:28	3	0	2	2	0	0.9809	0.9801	-0.0008	0.9949	0.9947	0.0002
2023-10-16T11:16:08	1	0	1	0	1	0.9442	null	null	-0.9939	-0.9939	0.0000
2023-10-16T11:16:52	2	0	12	12	0	1.0114	1.0115	0.0000	0.983	0.983	0.0000
2023-10-16T11:17:14	1	0	1	1	0	1.0571	1.0561	-0.0010	0.9843	0.9842	0.0001
2023-10-16T11:18:11	1	0	1	0	1	1.0550	null	null	0.9657	0.9657	0.0000
2023-10-16T11:18:29	1	0	34	34	0	1.0526	1.0526	0.0000	-0.9835	-0.9836	0.0001
2023-10-16T11:18:35	2	0	4	4	0	1.0604	1.0603	-0.0001	0.9893	0.9893	0.0000
2023-10-16T11:18:38	1	0	1	0	1	1.0310	null	null	-0.9976	-0.9976	0.0000
2023-10-16T11:19:36	2	0	17	17	0	1.0488	1.0487	-0.0001	0.9949	0.9948	0.0001
2023-10-16T11:19:38	1	0	1	0	1	1.0393	null	null	-0.9999	-0.9999	0.0000
2023-10-16T11:19:49	1	0	13	12	1	1.0402	1.0394	-0.0009	0.9868	0.9867	0.0001
2023-10-16T11:20:13	4	0	18	16	2	1.0481	1.0468	-0.0013	0.9991	0.999	0.0001
2023-10-16T11:21:15	1	0	7	7	0	1.0265	1.0266	0.0002	-0.995	-0.9949	-0.0001

2023-10-16T11:22:58	5	0	249	244	5	1.0586	1.0585	-0.0001	-0.9695	-0.9697	0.0002
2023-10-16T11:24:33	1	0	13	10	3	1.0463	1.0466	0.0003	0.9827	0.9826	0.0001
2023-10-16T11:25:17	1	0	270	270	0	0.8890	0.8891	0.0001	0.9701	0.9706	-0.0005
2023-10-16T11:28:24	2	0	13	12	1	1.0454	1.0453	-0.0001	0.9689	0.9687	0.0002
2023-10-16T11:28:31	3	0	22	18	4	1.0477	1.0453	-0.0024	-0.9807	-0.9808	0.0001
2023-10-16T11:29:38	1	0	30	30	0	1.0462	1.0462	0.0000	-0.9967	-0.9967	0.0000
2023-10-16T11:31:18	2	0	11	11	0	1.0418	1.0418	0.0000	0.9905	0.9902	0.0003
2023-10-16T11:31:26	3	0	1	1	0	1.0617	1.0617	0.0000	0.9926	0.9928	-0.0002
2023-10-16T11:32:38	2	0	30	30	0	0.9562	0.9564	0.0002	0.95	0.9477	0.0023
2023-10-16T11:33:12	1	0	1	1	0	1.0562	1.0556	-0.0006	0.9642	0.964	0.0002
2023-10-16T11:33:36	1	0	3	3	0	1.0684	1.0684	0.0000	0.9685	0.9685	0.0000
2023-10-16T11:33:39	1	0	1	1	0	1.0279	1.0278	-0.0001	-0.9995	-0.9995	0.0000
2023-10-16T11:34:50	2	0	11	10	1	1.0403	1.0388	-0.0015	0.9865	0.9865	0.0000
2023-10-16T11:34:58	4	0	11	11	0	0.9392	0.9392	0.0000	0.8995	0.8971	0.0024
2023-10-16T11:35:13	1	0	1	0	1	0.9443	null	null	0.9916	0.9919	-0.0003
2023-10-16T11:35:29	7	0	4	4	0	1.0172	1.0169	-0.0003	0.9999	0.9999	0.0000
2023-10-16T11:35:45	1	0	6	6	0	1.0469	1.0468	-0.0001	0.9996	0.9995	0.0001
2023-10-16T11:37:32	1	0	1	1	0	1.0056	1.0056	0.0000	0.9788	0.9801	-0.0013
2023-10-16T11:39:54	2	0	44	44	0	0.9205	0.9205	0.0000	0.9948	0.9949	-0.0001
2023-10-16T11:40:18	4	0	392	323	69	1.1275	0.9939	-0.1336	0.9708	0.9554	0.0154
2023-10-16T11:43:32	3	0	27	22	5	1.0467	1.0455	-0.0012	-0.9783	-0.9782	-0.0001
2023-10-16T11:43:47	11	0	8	9	-1	0.9423	0.9423	0.0000	0.9966	0.9965	0.0001
2023-10-16T11:45:24	5	0	2	1	1	1.0745	1.0675	-0.0070	0.9999	0.9999	0.0000
2023-10-16T11:46:04	1	0	1	0	1	1.0594	null	null	0.9998	0.9998	0.0000
2023-10-16T11:46:19	2	0	11	11	0	1.0413	1.0413	0.0000	0.9891	0.9888	0.0003
2023-10-16T11:46:27	3	0	1	1	0	1.0615	1.0615	0.0000	0.9935	0.9938	-0.0003
2023-10-16T11:48:31	6	0	7	8	-1	0.9394	0.9396	0.0002	-0.998	-0.998	0.0000
2023-10-16T11:48:31	1	0	63	63	0	1.0562	1.0562	0.0000	-0.9872	-0.9871	-0.0001
2023-10-16T11:49:59	3	0	15	15	0	0.9372	0.9372	0.0000	0.8983	0.8985	-0.0002
2023-10-16T11:50:18	2	0	2	2	0	1.0460	1.0457	-0.0003	-0.9988	-0.9988	0.0000
2023-10-16T11:51:38	1	0	2	4	-2	0.9388	0.9415	0.0027	-0.9995	-0.9995	0.0000
2023-10-16T11:54:55	2	0	45	45	0	0.9260	0.9260	0.0000	0.9925	0.9925	0.0000
2023-10-16T11:55:32	1	0	153	151	2	0.9548	0.9550	0.0002	0.9885	0.9885	0.0000
2023-10-16T12:01:28	3	0	1	1	0	1.0647	1.0647	0.0000	0.9932	0.9936	-0.0004
2023-10-16T12:01:40	5	0	3	1	2	1.0591	1.0671	0.0080	0.9996	0.9991	0.0005
2023-10-16T12:02:40	2	0	36	36	0	0.9573	0.9568	-0.0005	0.9406	0.9384	0.0022
2023-10-16T12:03:32	1	0	50	50	0	1.0560	1.0560	0.0000	-0.9871	-0.987	-0.0001
2023-10-16T12:05:00	2	0	1	2	-1	1.0569	1.0559	-0.0010	-0.8087	-0.8072	-0.0015
2023-10-16T12:09:56	2	0	45	45	0	0.9306	0.9306	0.0000	0.9969	0.997	-0.0001
2023-10-16T12:10:20	4	0	450	453	-3	1.0696	1.0670	-0.0026	0.9456	0.9453	0.0003
2023-10-16T12:16:21	2	0	11	11	0	1.0401	1.0401	0.0000	0.9832	0.9829	0.0003
2023-10-16T12:18:39	1	0	3	4	-1	1.0758	1.0707	-0.0051	0.9696	0.9697	-0.0001
2023-10-16T12:20:32	7	0	3	4	-1	1.0167	1.0153	-0.0014	0.9995	0.9997	-0.0002
2023-10-16T12:26:35	2	0	2	2	0	0.9955	0.9952	-0.0004	0.9956	0.9954	0.0002
2023-10-16T12:32:13	1	0	35	34	1	1.0508	1.0507	-0.0001	0.9732	0.9733	-0.0001
2023-10-16T12:32:45	2	0	16	16	0	1.0141	1.0137	-0.0004	0.9504	0.9504	0.0000
2023-10-16T12:33:20	3	0	6	9	-3	1.0385	1.0422	0.0037	0.9989	0.9987	0.0002
2023-10-16T12:35:02	3	0	1	2	-1	0.9415	0.9989	0.0574	0.9084	0.9064	0.0020
2023-10-16T12:44:29	1	0	1	1	0	1.0581	1.0575	-0.0006	0.9849	0.9665	0.0184
2023-10-16T12:46:36	1	0	4	4	0	1.0546	1.0542	-0.0004	0.9398	0.9397	0.0001
2023-10-16T12:48:35	5	0	4	5	-1	0.9383	0.9387	0.0004	-0.9964	-0.9964	0.0000
2023-10-16T12:50:34	3	0	4	4	0	1.0169	1.0166	-0.0002	0.9991	0.9991	0.0000
2023-10-16T12:50:51	1	0	3	3	0	1.0372	1.0372	0.0000	0.9963	0.9965	-0.0002
2023-10-16T12:55:23	3	0	375	229	146	0.8556	0.9824	0.1268	0.9436	0.9707	-0.0271
2023-10-16T12:56:25	1	0	20	19	1	1.0460	1.0455	-0.0005	0.9776	0.9777	-0.0001
2023-10-16T12:58:14	1	0	5	5	0	1.0136	1.0136	0.0000	-0.9723	-0.9723	0.0000
2023-10-16T12:59:17	2	0	5	5	0	0.9729	0.9733	0.0004	0.975	0.9751	-0.0001
2023-10-16T13:03:36	1	0	312	310	2	0.7068	0.7119	0.0051	0.9969	0.9973	-0.0004
2023-10-16T13:06:49	1	0	1	2	-1	0.9370	0.9404	0.0034	-0.998	-0.9981	0.0001
2023-10-16T13:10:37	1	0	1	1	0	1.0149	1.0148	-0.0001	0.9615	0.9615	0.0000
2023-10-16T13:10:37	1	0	1	1	0	1.0278	1.0273	-0.0005	-0.9799	-0.9799	0.0000
2023-10-16T13:18:29	1	0	2	1	1	1.0627	1.0600	-0.0028	0.9579	0.9575	0.0004
2023-10-16T13:20:05	1	0	1	1	0	1.0577	1.0560	-0.0017	0.9114	0.9089	0.0025
2023-10-16T13:29:11	1	0	133	133	0	1.0594	1.0594	0.0000	-0.8861	-0.8854	-0.0007
2023-10-16T13:33:03	2	0	13	12	1	1.0526	1.0522	-0.0004	0.9646	0.9645	0.0001
2023-10-16T13:40:07	1	0	5	6	-1	0.9448	0.9446	-0.0002	0.964	0.9641	-0.0001
2023-10-16T13:40:26	1	0	372	372	0	0.8657	0.8662	0.0006	0.955	0.9556	-0.0006
2023-10-16T13:46:18	1	0	1	1	0	0.9440	0.9447	0.0007	-0.9951	-0.995	-0.0001
2023-10-16T13:47:18	4	0	22	22	0	1.0516	1.0515	-0.0001	0.9717	0.9716	0.0001
2023-10-16T13:50:07	3	0	1	1	0	1.0144	1.0140	-0.0004	0.9194	0.9191	0.0003
2023-10-16T13:50:38	1	0	5	5	0	1.0168	1.0168	0.0000	-0.9999	-0.9999	0.0000
2023-10-16T13:51:52	1	0	1	1	0	0.9382	0.9388	0.0006	-0.9974	-0.9972	-0.0002
2023-10-16T13:58:56	10	0	12	12	0	0.9652	0.9474	-0.0178	0.999	0.9982	0.0008
2023-10-16T13:59:21	2	0	5	5	0	0.9719	0.9723	0.0004	0.9741	0.9741	0.0000
2023-10-16T14:02:51	1	0	11	11	0	1.0290	1.0289	-0.0001	0.9516	0.9516	0.0000
2023-10-16T14:03:32	3	0	1	1	0	1.0603	1.0600	-0.0003	0.949	0.949	0.0000
2023-10-16T14:04:04	1	0	1	1	0	0.9378	0.9381	0.0003	-0.9993	-0.9993	0.0000
2023-10-16T14:04:27	2	0	6	6	0	0.9821	0.9825	0.0003	0.9797	0.9803	-0.0006
2023-10-16T14:05:08	2	0	3	3	0	0.9839	0.9837	-0.0001	0.9171	0.917	0.0001
2023-10-16T14:05:39	2	0	5	5	0	1.0171	1.0171	0.0000	-0.9982	-0.9986	0.0004
2023-10-16T14:05:56	1	0	6	6	0	1.0489	1.0488	-0.0001	0.796	0.7924	0.0036
2023-10-16T14:06:46	2	0	6	4	2	1.0563	1.0585	0.0022	0.9996	0.9995	0.0001
2023-10-16T14:06:53	1	0	1	1	0	0.9382	0.9385	0.0003	-0.9979	-0.9978	-0.0001
2023-10-16T14:08:40	1	0	1	1	0	1.0594	1.0590	-0.0004	0.9927	0.9926	0.0001
2023-10-16T14:10:04	2	0	22	22	0	1.0507	1.0505	-0.0001	0.9323	0.9316	0.0007

2023-10-16T14:10:30	1	0	354	350	4	0.8755	0.8767	0.0012	0.9646	0.9653	-0.0007
2023-10-16T14:11:08	1	0	2	2	0	1.0172	1.0170	-0.0002	0.9793	0.9792	0.0001
2023-10-16T14:13:04	1	0	6	6	0	1.0438	1.0437	-0.0001	0.9993	0.9993	0.0000
2023-10-16T14:15:32	2	0	1	1	0	1.0558	1.0558	0.0000	0.9983	0.9984	-0.0001
2023-10-16T14:16:29	2	0	11	10	1	1.0390	1.0396	0.0006	0.9888	0.9884	0.0004
2023-10-16T14:17:26	1	0	96	95	1	0.9089	0.9113	0.0024	0.9552	0.9513	0.0039
2023-10-16T14:17:52	2	0	52	50	2	0.9517	0.9519	0.0002	0.9327	0.9329	-0.0002
2023-10-16T14:17:53	2	0	31	30	1	1.0485	1.0481	-0.0004	0.9936	0.9936	0.0000
2023-10-16T14:18:33	2	0	7	7	0	0.9432	0.9433	0.0001	0.9398	0.9398	0.0000
2023-10-16T14:19:05	2	0	1	1	0	0.9355	0.9356	0.0001	-0.9984	-0.9984	0.0000
2023-10-16T14:19:28	1	0	7	7	0	1.0085	1.0085	0.0000	0.983	0.9832	-0.0002
2023-10-16T14:20:09	2	0	3	3	0	1.0287	1.0282	-0.0004	0.9245	0.9242	0.0003
2023-10-16T14:20:40	6	0	5	5	0	1.0158	1.0153	-0.0005	-1	0.9999	0.0001
2023-10-16T14:21:54	1	0	1	1	0	0.9405	0.9409	0.0004	-0.9979	-0.9978	-0.0001
2023-10-16T14:22:22	2	0	2	1	1	1.0658	1.0592	-0.0065	0.9955	0.9969	-0.0014
2023-10-16T14:23:10	3	0	241	239	2	1.0598	1.0598	0.0000	-0.9731	-0.9729	-0.0002
2023-10-16T14:25:10	2	0	5	5	0	0.8847	0.8852	0.0005	0.9703	0.9704	-0.0001
2023-10-16T14:25:31	1	0	312	312	0	0.8802	0.8803	0.0001	0.9689	0.9692	-0.0003
2023-10-16T14:25:44	3	0	1	1	0	1.0364	1.0343	-0.0021	-0.9877	-0.9883	0.0006
2023-10-16T14:26:09	1	0	1	1	0	1.0190	1.0189	-0.0001	0.9801	0.9801	0.0000
2023-10-16T14:27:34	1	0	2	2	0	0.9723	0.9723	0.0000	-0.9956	-0.9956	0.0000
2023-10-16T14:28:05	4	0	6	6	0	1.0451	1.0450	0.0000	-0.9999	-0.9999	0.0000
2023-10-16T14:28:45	3	0	13	13	0	1.0409	1.0398	-0.0011	-0.9805	-0.9807	0.0002
2023-10-16T14:29:36	1	0	1	1	0	1.0567	1.0562	-0.0005	0.9884	0.9883	0.0001
2023-10-16T14:31:30	3	0	13	13	0	1.0412	1.0412	0.0000	0.9891	0.9887	0.0004
2023-10-16T14:32:27	1	0	2	0	2	1.0567	null	null	0.9576	0.9531	0.0045
2023-10-16T14:32:53	2	0	47	46	1	0.9526	0.9527	0.0001	0.9322	0.9323	-0.0001
2023-10-16T14:33:34	2	0	2	2	0	0.9957	0.9954	-0.0004	0.9395	0.9394	0.0001
2023-10-16T14:33:53	1	0	1	1	0	1.0371	1.0371	0.0000	-0.9952	-0.9952	0.0000
2023-10-16T14:34:06	2	0	1	1	0	0.9356	0.9358	0.0002	-0.9981	-0.9981	0.0000
2023-10-16T14:34:29	2	0	3	3	0	0.9958	0.9957	-0.0001	0.9805	0.9808	-0.0003
2023-10-16T14:35:10	2	0	3	3	0	1.0492	1.0486	-0.0006	-0.7908	-0.7923	0.0015
2023-10-16T14:35:26	8	0	23	21	2	1.0524	1.0518	-0.0006	0.9989	0.9988	0.0001
2023-10-16T14:35:29	2	0	2	2	0	1.0484	1.0480	-0.0004	-0.9933	-0.9934	0.0001
2023-10-16T14:35:41	7	0	7	7	0	1.0167	1.0163	-0.0004	-0.9992	-0.9995	0.0003
2023-10-16T14:35:58	3	0	6	6	0	1.0445	1.0443	-0.0002	0.9911	0.9903	0.0008
2023-10-16T14:36:28	1	0	5	5	0	1.0332	1.0331	-0.0001	0.9998	0.9998	0.0000
2023-10-16T14:38:11	3	0	280	276	4	1.0597	1.0597	0.0000	-0.9705	-0.9705	0.0000
2023-10-16T14:38:25	2	0	2	1	1	1.0703	1.0629	-0.0074	0.9974	0.9968	0.0006
2023-10-16T14:40:06	2	0	45	45	0	0.9310	0.9309	0.0000	0.9972	0.9971	0.0001
2023-10-16T14:40:11	1	0	3	3	0	0.8216	0.8216	0.0000	0.9762	0.9764	-0.0002
2023-10-16T14:40:32	1	0	197	188	9	0.8948	0.8957	0.0009	0.9698	0.973	-0.0032
2023-10-16T14:40:45	3	0	1	1	0	1.0298	1.0294	-0.0004	-0.9876	-0.9876	0.0000
2023-10-16T14:41:10	1	0	5	5	0	1.0245	1.0245	0.0000	0.9781	0.9829	-0.0048
2023-10-16T14:42:35	1	0	83	83	0	1.1055	1.1054	-0.0002	-0.9936	-0.9936	0.0000
2023-10-16T14:43:21	1	0	5	5	0	1.0086	1.0087	0.0000	-0.9715	-0.9713	-0.0002
2023-10-16T14:43:37	2	0	16	16	0	1.0430	1.0430	0.0000	0.9558	0.9557	0.0001
2023-10-16T14:43:46	3	0	21	19	2	1.0418	1.0402	-0.0015	-0.9761	-0.976	-0.0001
2023-10-16T14:44:54	1	0	44	44	0	1.0493	1.0493	0.0000	-0.9896	-0.9897	0.0001
2023-10-16T14:47:22	1	0	31	28	3	1.0526	1.0524	-0.0002	0.9699	0.9698	0.0001
2023-10-16T14:47:28	1	0	1	0	1	1.0559	null	null	0.956	0.9515	0.0045
2023-10-16T14:48:25	1	0	1	1	0	1.0552	1.0551	-0.0001	0.9627	0.9627	0.0000
2023-10-16T14:48:35	1	0	1	2	-1	0.9409	0.9984	0.0575	0.9383	0.9391	-0.0008
2023-10-16T14:50:03	2	0	13	13	0	1.0372	1.0372	0.0000	0.9853	0.9852	0.0001
2023-10-16T14:50:11	2	0	4	4	0	1.0043	1.0039	-0.0003	0.9163	0.9161	0.0002
2023-10-16T14:50:27	2	0	23	22	1	1.0502	1.0515	0.0014	0.9992	0.9991	0.0001
2023-10-16T14:50:30	1	0	3	3	0	1.0433	1.0432	-0.0001	-0.9984	-0.9984	0.0000
2023-10-16T14:50:50	2	0	6	5	1	1.0482	1.0455	-0.0027	0.9994	0.9993	0.0001
2023-10-16T14:51:29	1	0	5	5	0	1.0337	1.0337	0.0000	0.9999	0.9999	0.0000
2023-10-16T14:51:56	1	0	1	1	0	0.9414	0.9417	0.0003	-0.9973	-0.9972	-0.0001
2023-10-16T14:58:47	1	0	20	18	2	1.0429	1.0421	-0.0008	-0.9804	-0.9805	0.0001
2023-10-16T14:59:38	1	0	2	2	0	1.0459	1.0458	-0.0001	0.9849	0.9849	0.0000
2023-10-16T14:59:55	1	0	51	48	3	1.0499	1.0500	0.0000	-0.9908	-0.9909	0.0001
2023-10-16T15:02:23	4	0	46	45	1	1.0532	1.0530	-0.0002	0.9703	0.9701	0.0002
2023-10-16T15:02:29	1	0	1	1	0	1.0588	1.0586	-0.0002	0.9545	0.9502	0.0043
2023-10-16T15:02:55	2	0	30	29	1	1.0360	1.0351	-0.0009	0.9452	0.9452	0.0000
2023-10-16T15:03:36	1	0	2	1	1	1.0554	0.9448	-0.1106	0.95	0.9498	0.0002
2023-10-16T15:03:46	1	0	25	25	0	1.0547	1.0546	-0.0001	0.996	0.996	0.0000
2023-10-16T15:05:34	2	0	12	10	2	1.0481	1.0476	-0.0005	0.9958	0.9957	0.0001
2023-10-16T15:06:15	2	0	1	0	1	1.0551	null	null	-0.8069	-0.8063	-0.0006
2023-10-16T15:08:13	2	0	415	410	5	1.0626	1.0626	-0.0001	-0.9705	-0.9705	0.0000
2023-10-16T15:09:55	2	0	3	2	1	1.0407	1.0296	-0.0111	0.997	0.9951	0.0019
2023-10-16T15:10:32	1	0	3	3	0	1.0394	1.0394	-0.0001	-1	-1	0.0000
2023-10-16T15:10:51	1	0	5	5	0	1.0200	1.0197	-0.0002	0.955	0.9491	0.0059
2023-10-16T15:15:13	1	0	60	58	2	1.0530	1.0529	-0.0001	0.9846	0.9846	0.0000
2023-10-16T15:18:10	2	0	7	7	0	1.0509	1.0508	-0.0001	0.967	0.9664	0.0006
2023-10-16T15:18:19	1	0	164	164	0	1.0737	1.0736	-0.0001	-0.9971	-0.9971	0.0000
2023-10-16T15:18:37	1	0	1	2	-1	0.9418	0.9985	0.0567	0.9564	0.9566	-0.0002
2023-10-16T15:20:29	2	0	24	24	0	1.0493	1.0493	0.0000	0.9992	0.9992	0.0000
2023-10-16T15:21:16	2	0	2	1	1	1.0509	1.0558	0.0049	-0.8086	-0.8095	0.0009
2023-10-16T15:23:14	1	0	397	396	1	1.0619	1.0619	0.0000	-0.9725	-0.9725	0.0000
2023-10-16T15:23:55	1	0	13	13	0	1.0327	1.0327	-0.0001	-0.9991	-0.9991	0.0000
2023-10-16T15:25:14	1	0	2	2	0	1.0253	1.0245	-0.0008	0.9975	0.9974	0.0001
2023-10-16T15:26:48	2	0	2	2	0	0.9689	0.9683	-0.0006	0.9974	0.9977	-0.0003
2023-10-16T15:28:09	1	0	7	7	0	1.0433	1.0433	0.0000	-0.9979	-0.9979	0.0000

2023-10-16T15:29:19	1	0	199	197	2	1.0603	1.0603	0.0000	-0.8757	-0.8765	0.0008
2023-10-16T15:40:10	2	0	29	29	0	1.0502	1.0501	-0.0001	0.9383	0.938	0.0003
2023-10-16T15:43:50	1	0	7	8	-1	1.0430	1.0404	-0.0027	-0.9817	-0.9815	-0.0002
2023-10-16T15:48:39	1	0	1	2	-1	0.9319	0.9935	0.0616	0.9466	0.9468	-0.0002
2023-10-16T15:56:22	1	0	239	237	2	1.0715	1.0715	0.0000	-0.9948	-0.9949	0.0001
2023-10-16T15:58:51	1	0	13	13	0	1.0422	1.0421	-0.0001	-0.9841	-0.9841	0.0000
2023-10-16T15:59:21	1	0	236	234	2	1.0636	1.0636	0.0000	-0.8871	-0.8867	-0.0004
2023-10-16T16:18:42	4	0	16	15	1	0.9573	0.9573	0.0000	0.9668	0.9673	-0.0005
2023-10-16T16:31:11	1	0	11	11	0	1.0428	1.0428	0.0000	-0.9971	-0.9971	0.0000
2023-10-16T16:40:19	1	0	39	38	1	0.9395	0.9397	0.0001	0.9867	0.9869	-0.0002
2023-10-16T16:48:44	1	0	43	39	4	0.9533	0.9532	0.0000	0.9625	0.9622	0.0003
2023-10-16T17:09:51	2	0	9	9	0	1.0399	1.0399	0.0000	-0.997	-0.997	0.0000
2023-10-16T17:50:23	1	0	26	26	0	0.9388	0.9388	0.0000	0.9077	0.9077	0.0000
2023-10-16T17:50:40	1	0	41	41	0	0.9407	0.9408	0.0001	0.9986	0.9987	-0.0001
2023-10-16T18:05:43	1	0	51	51	0	0.9406	0.9406	0.0000	-0.9916	-0.991	-0.0006
2023-10-16T18:20:44	1	0	33	33	0	0.9413	0.9413	0.0000	-0.9811	-0.9803	-0.0008
2023-10-17T07:54:45	1	0	69	69	0	0.9157	0.9157	0.0000	0.9965	0.9966	-0.0001
2023-10-17T08:06:31	1	0	23	21	2	1.0462	1.0461	-0.0001	0.9878	0.9878	0.0000
2023-10-17T08:09:58	1	0	81	80	1	1.0558	1.0558	0.0000	0.9998	0.9998	0.0000
2023-10-17T08:13:22	2	0	3	3	0	1.0319	1.0318	-0.0001	-0.9876	-0.9876	0.0000
2023-10-17T08:13:57	1	0	70	70	0	1.0556	1.0555	-0.0001	-0.8786	-0.8782	-0.0004
2023-10-17T08:17:57	1	0	267	267	0	1.0613	1.0613	0.0000	-0.9709	-0.9708	-0.0001
2023-10-17T08:18:16	1	0	5	5	0	1.0007	1.0009	0.0003	0.9519	0.9519	0.0000
2023-10-17T08:21:32	1	0	33	32	1	1.0452	1.0452	0.0000	0.9886	0.9886	0.0000
2023-10-17T08:21:58	1	0	43	43	0	1.0551	1.0550	-0.0001	0.9831	0.983	0.0001
2023-10-17T08:49:45	1	0	29	29	0	0.9338	0.9339	0.0001	0.8902	0.8902	0.0000
2023-10-17T08:50:11	1	0	94	88	6	0.9427	0.9428	0.0001	-0.9829	-0.9819	-0.0010
2023-10-17T08:51:34	1	0	10	8	2	0.9412	0.9412	0.0001	-0.9997	-0.9996	-0.0001
2023-10-17T09:03:19	1	0	4	4	0	1.0105	1.0103	-0.0001	0.9427	0.9426	0.0001
2023-10-17T09:05:32	1	0	8	8	0	0.9963	0.9963	-0.0001	0.9678	0.9678	0.0000
2023-10-17T09:10:32	1	0	1	1	0	1.0245	1.0242	-0.0003	-0.984	-0.9838	-0.0002
2023-10-17T09:12:24	1	0	2	2	0	1.0088	1.0087	-0.0002	0.9888	0.9888	0.0000
2023-10-17T09:23:00	8	0	476	466	10	1.0622	1.0621	-0.0001	-0.9752	-0.9752	0.0000
2023-10-17T09:25:12	1	0	17	17	0	1.0401	1.0400	-0.0001	0.9801	0.9798	0.0003
2023-10-17T09:28:47	2	0	2	2	0	1.0301	1.0299	-0.0003	-0.9141	-0.9137	-0.0004
2023-10-17T09:31:35	1	0	1	1	0	1.0378	1.0375	-0.0003	-0.9997	-0.9997	0.0000
2023-10-17T09:34:51	2	0	2	2	0	0.9995	0.9986	-0.0009	0.9208	0.9204	0.0004
2023-10-17T09:35:13	6	0	35	33	2	1.0500	1.0492	-0.0007	-1	1	0.0000
2023-10-17T09:35:16	1	0	30	29	1	1.0531	1.0534	0.0003	0.9836	0.9835	0.0001
2023-10-17T09:35:27	1	0	6	6	0	1.0152	1.0151	0.0000	-1	-1	0.0000
2023-10-17T09:45:28	1	0	1	1	0	0.9054	0.9057	0.0003	0.9942	0.9942	0.0000
2023-10-17T09:48:22	1	0	1	0	1	0.9444	null	null	0.9379	0.9384	-0.0005
2023-10-17T09:50:14	1	0	6	6	0	1.0456	1.0456	0.0000	1	1	0.0000
2023-10-17T09:50:15	1	0	1	1	0	0.9439	0.9440	0.0001	-0.9183	-0.9161	-0.0022
2023-10-17T09:50:17	1	0	21	20	1	1.0532	1.0536	0.0004	0.9835	0.9835	0.0000
2023-10-17T09:50:28	1	0	5	5	0	1.0157	1.0156	-0.0001	-0.9994	-0.9995	0.0001
2023-10-17T09:51:15	1	0	5	5	0	1.0313	1.0310	-0.0004	-0.9983	-0.9983	0.0000
2023-10-17T09:51:38	1	0	15	15	0	1.0433	1.0433	0.0000	0.9908	0.9908	0.0000
2023-10-17T09:52:04	1	0	3	3	0	1.0387	1.0386	-0.0001	0.9533	0.9529	0.0004
2023-10-17T09:52:57	5	0	8	8	0	1.0246	1.0243	-0.0003	0.9998	0.9998	0.0000
2023-10-17T09:53:02	5	0	434	426	8	1.0654	1.0653	-0.0001	-0.9742	-0.9742	0.0000
2023-10-17T09:54:31	3	0	3	2	1	1.0524	1.0502	-0.0021	-0.9922	-0.9921	-0.0001
2023-10-17T09:54:41	2	0	2	0	2	1.0580	null	null	0.9971	0.9967	0.0004
2023-10-17T09:54:55	1	0	27	27	0	0.9183	0.9183	0.0000	0.9946	0.9948	-0.0002
2023-10-17T09:55:05	2	0	68	69	-1	1.0549	1.0551	0.0002	0.9999	0.9999	0.0000
2023-10-17T09:55:14	1	0	14	14	0	1.0280	1.0280	-0.0001	0.977	0.9767	0.0003
2023-10-17T09:55:17	1	0	3	3	0	1.1344	1.1343	-0.0001	0.9837	0.9836	0.0001
2023-10-17T09:55:30	1	0	1	1	0	1.0085	1.0081	-0.0004	0.9644	0.9526	0.0118
2023-10-17T09:55:39	2	0	7	7	0	1.0056	1.0056	0.0000	-0.9966	-0.9966	0.0000
2023-10-17T09:58:06	1	0	6	6	0	1.0263	1.0261	-0.0002	0.9967	0.9967	0.0000
2023-10-17T09:58:52	1	0	3	3	0	1.0432	1.0430	-0.0001	-0.9291	-0.9291	0.0000
2023-10-17T09:59:04	1	0	78	78	0	1.0553	1.0553	0.0000	-0.876	-0.8765	0.0005
2023-10-17T10:00:29	1	0	1	1	0	0.9029	0.9029	0.0000	0.9947	0.9946	0.0001
2023-10-17T10:01:00	1	0	1	1	0	1.0476	1.0450	-0.0026	0.9373	0.9349	0.0024
2023-10-17T10:01:51	1	0	9	9	0	1.0118	1.0117	-0.0001	0.9955	0.9957	-0.0002
2023-10-17T10:02:42	1	0	16	15	1	0.9608	0.9580	-0.0028	0.9563	0.9563	0.0000
2023-10-17T10:03:23	1	0	1	2	-1	0.9416	0.9984	0.0568	0.9253	0.9256	-0.0003
2023-10-17T10:03:36	1	0	1	1	0	0.9408	0.9416	0.0008	-0.9977	-0.9976	-0.0001
2023-10-17T10:04:46	2	0	3	3	0	1.0379	1.0376	-0.0003	0.9895	0.9895	0.0000
2023-10-17T10:04:53	1	0	35	35	0	0.9320	0.9322	0.0002	0.8837	0.884	-0.0003
2023-10-17T10:05:15	3	0	18	16	2	1.0504	1.0485	-0.0019	-1	-1	0.0000
2023-10-17T10:05:18	1	0	20	20	0	1.0531	1.0531	-0.0001	0.9831	0.9829	0.0002
2023-10-17T10:05:29	1	0	4	4	0	1.0170	1.0169	-0.0001	-0.9992	-0.9994	0.0002
2023-10-17T10:05:36	1	0	8	8	0	0.9958	0.9957	-0.0002	0.9708	0.9706	0.0002
2023-10-17T10:06:16	1	0	5	5	0	1.0326	1.0322	-0.0004	-0.9971	-0.9971	0.0000
2023-10-17T10:06:39	1	0	1	1	0	0.9424	0.9437	0.0013	-0.9991	-0.9989	-0.0002
2023-10-17T10:06:39	2	0	17	10	7	1.0443	1.0356	-0.0087	0.9882	0.9882	0.0000
2023-10-17T10:07:05	1	0	2	2	0	1.0566	1.0563	-0.0002	0.9889	0.9886	0.0003
2023-10-17T10:07:28	3	0	4	3	1	1.0386	1.0379	-0.0007	-0.9803	-0.9808	0.0005
2023-10-17T10:07:58	4	0	8	8	0	1.0289	1.0286	-0.0003	0.9999	0.9999	0.0000
2023-10-17T10:08:12	3	0	41	34	7	0.9385	0.9397	0.0011	0.998	0.9981	-0.0001
2023-10-17T10:08:53	5	0	382	374	8	1.0626	1.0625	-0.0001	-0.9702	-0.9702	0.0000
2023-10-17T10:09:11	1	0	15	15	0	0.9894	0.9894	0.0000	0.9779	0.9777	0.0002
2023-10-17T10:09:43	1	0	3	3	0	1.0124	1.0123	-0.0001	-1	-1	0.0000
2023-10-17T10:10:06	1	0	78	70	8	1.0563	1.0561	-0.0003	0.9998	0.9998	0.0000

2023-10-17T10:10:18	1	0	126	126	0	0.8632	0.8635	0.0003	0.9806	0.9807	-0.0001
2023-10-17T10:13:30	4	0	20	16	4	1.0471	1.0469	-0.0002	-0.986	-0.9868	0.0008
2023-10-17T10:13:55	2	0	3	3	0	1.0359	1.0357	-0.0002	-0.9221	-0.9219	-0.0002
2023-10-17T10:14:05	2	0	164	154	10	1.0591	1.0585	-0.0005	-0.8718	-0.873	0.0012
2023-10-17T10:14:06	1	0	33	32	1	1.0462	1.0464	0.0002	-0.9958	-0.9958	0.0000
2023-10-17T10:14:22	1	0	1	1	0	1.0349	1.0345	-0.0004	0.9867	0.9867	0.0000
2023-10-17T10:15:03	1	0	62	60	2	1.0533	1.0532	-0.0001	0.9877	0.9877	0.0000
2023-10-17T10:15:29	2	0	45	45	0	0.9313	0.9313	0.0000	0.9926	0.9925	0.0001
2023-10-17T10:15:54	1	0	9	9	0	1.0445	1.0444	-0.0001	-0.9971	-0.9971	0.0000
2023-10-17T10:16:02	1	0	1	1	0	1.0152	1.0147	-0.0005	0.961	0.9608	0.0002
2023-10-17T10:16:52	1	0	10	10	0	1.0191	1.0191	-0.0001	0.9895	0.9896	-0.0001
2023-10-17T10:17:43	1	0	29	27	2	0.9531	0.9512	-0.0020	0.9462	0.9464	-0.0002
2023-10-17T10:20:16	6	0	25	24	1	1.0514	1.0503	-0.0011	-0.9999	-1	0.0001
2023-10-17T10:20:17	1	0	27	19	8	0.9469	0.9481	0.0012	-0.9741	-0.9725	-0.0016
2023-10-17T10:20:19	2	0	24	23	1	1.0517	1.0518	0.0001	0.982	0.9817	0.0003
2023-10-17T10:20:30	5	0	6	6	0	1.0151	1.0146	-0.0005	-0.9988	-0.9994	0.0006
2023-10-17T10:20:33	2	0	9	9	0	1.0241	1.0239	-0.0002	-0.9966	-0.9966	0.0000
2023-10-17T10:22:33	1	0	1	1	0	1.0605	1.0602	-0.0003	0.9823	0.9822	0.0001
2023-10-17T10:23:54	4	0	382	381	1	1.0614	1.0617	0.0003	-0.9745	-0.9744	-0.0001
2023-10-17T10:24:12	3	0	11	11	0	1.0057	1.0056	-0.0001	0.9736	0.9734	0.0002
2023-10-17T10:24:57	1	0	9	9	0	0.9149	0.9153	0.0004	0.9983	0.9983	0.0000
2023-10-17T10:25:07	2	0	105	103	2	1.0571	1.0571	0.0000	0.9999	0.9999	0.0000
2023-10-17T10:25:16	2	0	12	10	2	1.0284	1.0270	-0.0013	0.9773	0.977	0.0003
2023-10-17T10:27:06	2	0	2	2	0	1.0034	1.0035	0.0002	-0.9622	-0.9673	0.0051
2023-10-17T10:27:29	1	0	1	0	1	1.0006	null	null	0.9887	0.9886	0.0001
2023-10-17T10:28:31	2	0	49	48	1	1.0494	1.0493	-0.0001	-0.9839	-0.9841	0.0002
2023-10-17T10:30:04	1	0	54	51	3	1.0531	1.0529	-0.0002	0.9885	0.9885	0.0000
2023-10-17T10:30:48	5	0	4	4	0	1.0423	1.0419	-0.0005	0.9968	0.9967	0.0001
2023-10-17T10:30:55	1	0	10	10	0	1.0442	1.0440	-0.0002	-0.9965	-0.9966	0.0001
2023-10-17T10:35:20	3	0	19	18	1	1.0546	1.0544	-0.0002	0.9806	0.9804	0.0002
2023-10-17T10:38:55	2	0	392	385	7	1.0626	1.0626	0.0000	-0.9708	-0.9707	-0.0001
2023-10-17T10:39:17	2	0	4	3	1	1.0504	1.0512	0.0007	0.9896	0.989	0.0006
2023-10-17T10:40:38	3	0	1	1	0	1.0278	1.0254	-0.0024	-0.9919	-0.9924	0.0005
2023-10-17T10:42:25	1	0	82	81	1	1.1362	1.1386	0.0024	-0.996	-0.9937	-0.0023
2023-10-17T10:42:52	1	0	8	8	0	1.0239	1.0239	-0.0001	0.9954	0.9952	0.0002
2023-10-17T10:43:03	2	0	3	1	2	1.0558	1.0571	0.0013	0.9956	0.9948	0.0008
2023-10-17T10:48:26	1	0	2	1	1	1.0602	1.0555	-0.0047	0.9299	0.9288	0.0011
2023-10-17T10:50:32	1	0	2	2	0	1.0185	1.0177	-0.0008	1	1	0.0000
2023-10-17T10:51:15	9	0	21	19	2	1.0488	1.0481	-0.0006	1	1	0.0000
2023-10-17T10:51:19	1	0	5	5	0	1.0319	1.0318	-0.0001	-0.9959	-0.996	0.0001
2023-10-17T10:55:13	1	0	1	1	0	1.0570	1.0561	-0.0009	-0.9904	-0.9931	0.0027
2023-10-17T10:55:18	1	0	12	12	0	1.0288	1.0287	-0.0001	0.9736	0.9733	0.0003
2023-10-17T10:56:35	1	0	2	2	0	1.0736	1.0731	-0.0005	1	0.9999	0.0001
2023-10-17T10:57:53	3	0	6	6	0	1.0403	1.0403	0.0000	0.9951	0.9951	0.0000
2023-10-17T11:00:58	2	0	19	18	1	1.0492	1.0484	-0.0008	0.9964	0.9964	0.0000
2023-10-17T11:01:04	6	0	5	4	1	1.0575	1.0547	-0.0029	0.9379	0.9333	0.0046
2023-10-17T11:01:41	1	0	1	1	0	1.0570	1.0565	-0.0005	-0.9999	-0.9999	0.0000
2023-10-17T11:01:55	1	0	8	8	0	1.0341	1.0340	-0.0001	0.9901	0.99	0.0001
2023-10-17T11:03:08	1	0	135	133	2	1.0555	1.0555	0.0000	-0.9798	-0.9797	-0.0001
2023-10-17T11:03:27	1	0	1	2	-1	0.9376	0.9969	0.0593	0.9175	0.9187	-0.0012
2023-10-17T11:03:38	1	0	3	3	0	1.0675	1.0674	-0.0001	0.9954	0.9954	0.0000
2023-10-17T11:05:36	1	0	5	5	0	1.0189	1.0188	-0.0001	-0.9975	-0.9974	-0.0001
2023-10-17T11:05:55	2	0	23	23	0	0.9381	0.9380	0.0000	0.8924	0.8918	0.0006
2023-10-17T11:06:20	1	0	5	5	0	1.0316	1.0316	-0.0001	-0.9976	-0.9976	0.0000
2023-10-17T11:08:57	5	0	253	249	4	1.0599	1.0599	0.0000	-0.9788	-0.9788	0.0000
2023-10-17T11:09:19	1	0	5	5	0	1.0482	1.0480	-0.0001	0.9819	0.9813	0.0006
2023-10-17T11:10:19	1	0	12	12	0	1.0286	1.0286	0.0000	0.9723	0.9721	0.0002
2023-10-17T11:11:55	1	0	14	15	-1	1.0475	1.0472	-0.0003	-1	-1	0.0000
2023-10-17T11:12:54	3	0	7	7	0	1.0219	1.0219	0.0000	0.9933	0.9933	0.0000
2023-10-17T11:14:23	1	0	2	2	0	1.0364	1.0364	0.0000	-0.9977	-0.9977	0.0000
2023-10-17T11:15:34	2	0	2	2	0	0.9831	0.9830	-0.0001	0.995	0.9949	0.0001
2023-10-17T11:15:58	2	0	10	10	0	1.0441	1.0440	-0.0002	-0.9969	-0.997	0.0001
2023-10-17T11:15:59	1	0	2	2	0	1.0530	1.0529	-0.0002	0.9953	0.9953	0.0000
2023-10-17T11:16:06	1	0	98	97	1	0.9052	0.9052	-0.0001	0.9606	0.9554	0.0052
2023-10-17T11:16:44	1	0	58	60	-2	1.0568	1.0571	0.0004	0.99	0.9897	0.0003
2023-10-17T11:18:09	1	0	206	205	1	1.0593	1.0593	0.0000	-0.986	-0.9859	-0.0001
2023-10-17T11:18:16	2	0	4	4	0	0.9961	0.9958	-0.0003	0.9819	0.9817	0.0002
2023-10-17T11:18:32	1	0	51	50	1	1.0558	1.0558	0.0000	-0.977	-0.977	0.0000
2023-10-17T11:20:21	1	0	7	7	0	0.9538	0.9538	0.0000	-0.9772	-0.9763	-0.0009
2023-10-17T11:21:17	5	0	23	20	3	1.0515	1.0503	-0.0013	-0.9999	-1	0.0001
2023-10-17T11:22:10	2	0	3	3	0	1.0562	1.0559	-0.0003	0.9669	0.9659	0.0010
2023-10-17T11:22:33	1	0	1	1	0	1.0352	1.0349	-0.0003	-0.9882	-0.9884	0.0002
2023-10-17T11:23:03	1	0	8	8	0	1.0294	1.0293	-0.0001	0.9997	0.9997	0.0000
2023-10-17T11:23:58	1	0	387	385	2	1.0623	1.0623	0.0000	-0.9752	-0.9752	0.0000
2023-10-17T11:24:28	1	0	6	6	0	1.0253	1.0251	-0.0002	0.9803	0.9784	0.0019
2023-10-17T11:24:53	1	0	6	6	0	1.0264	1.0264	0.0000	1	1	0.0000
2023-10-17T11:25:23	1	0	272	272	0	0.8846	0.8847	0.0001	0.9718	0.9722	-0.0004
2023-10-17T11:26:46	1	0	104	103	1	0.9307	0.9309	0.0001	-0.9824	-0.9929	0.0105
2023-10-17T11:29:24	1	0	1	1	0	1.0386	1.0386	0.0000	-0.9976	-0.9976	0.0000
2023-10-17T11:30:08	2	0	2	1	1	1.0429	1.0299	-0.0130	0.9993	0.9992	0.0001
2023-10-17T11:30:34	2	0	45	45	0	0.9281	0.9281	0.0000	0.9905	0.9906	-0.0001
2023-10-17T11:30:50	3	0	3	2	1	1.0521	1.0387	-0.0135	0.9981	0.9977	0.0004
2023-10-17T11:35:04	2	0	1	1	0	1.0551	1.0550	-0.0001	-0.7597	-0.7592	-0.0005
2023-10-17T11:35:26	2	0	2	2	0	1.0460	1.0454	-0.0006	-0.996	-0.996	0.0000
2023-10-17T11:38:18	3	0	2	3	-1	0.9417	0.9426	0.0010	0.9995	0.9995	0.0000

2023-10-17T11:38:59	11	0	408	405	3	1.0638	1.0638	-0.0001	-0.9768	-0.9768	0.0000
2023-10-17T11:40:24	2	0	268	264	4	0.8840	0.8857	0.0017	0.9649	0.969	-0.0041
2023-10-17T11:41:46	1	0	13	12	1	1.0549	1.0548	-0.0001	0.9298	0.9297	0.0001
2023-10-17T11:42:56	1	0	5	5	0	1.0391	1.0391	0.0000	0.9973	0.9973	0.0000
2023-10-17T11:43:13	1	0	1	1	0	1.0292	1.0292	0.0000	0.9972	0.9973	-0.0001
2023-10-17T11:43:36	4	0	17	16	1	1.0481	1.0485	0.0004	-0.9887	-0.9887	0.0000
2023-10-17T11:44:25	1	0	2	2	0	1.0403	1.0403	0.0000	-0.9982	-0.9982	0.0000
2023-10-17T11:45:35	2	0	45	45	0	0.9254	0.9254	0.0000	0.9922	0.9922	0.0000
2023-10-17T11:46:44	4	0	7	5	2	1.0512	1.0509	-0.0003	0.9983	0.9979	0.0004
2023-10-17T11:48:10	1	0	5	4	1	1.0548	1.0533	-0.0016	0.9672	0.9671	0.0001
2023-10-17T11:48:22	1	0	1	0	1	1.0552	null	null	0.9657	0.9657	0.0000
2023-10-17T11:49:57	1	0	16	14	2	1.0427	1.0418	-0.0009	0.9841	0.9841	0.0000
2023-10-17T11:50:05	2	0	1	1	0	1.0569	1.0564	-0.0005	-0.7926	-0.7922	-0.0004
2023-10-17T11:50:27	2	0	3	3	0	1.0513	1.0472	-0.0041	-0.9966	-0.9966	0.0000
2023-10-17T11:53:05	5	0	7	8	-1	1.0258	1.0276	0.0018	0.9995	0.9996	-0.0001
2023-10-17T11:57:57	1	0	7	7	0	1.0374	1.0373	0.0000	0.9939	0.994	-0.0001
2023-10-17T11:59:26	1	0	2	2	0	1.0413	1.0413	0.0000	-0.9972	-0.9973	0.0001
2023-10-17T12:00:36	2	0	45	45	0	0.9295	0.9295	0.0000	0.9927	0.9928	-0.0001
2023-10-17T12:01:32	3	0	7	6	1	1.0551	1.0542	-0.0009	0.9974	0.9974	0.0000
2023-10-17T12:02:52	4	0	5	4	1	1.0611	1.0576	-0.0035	0.9941	0.9938	0.0003
2023-10-17T12:12:58	1	0	7	7	0	1.0406	1.0406	0.0000	0.9996	0.9996	0.0000
2023-10-17T12:13:15	1	0	2	3	-1	1.0289	1.0280	-0.0009	0.9983	0.9983	0.0000
2023-10-17T12:16:21	2	0	16	15	1	1.0567	1.0565	-0.0002	0.9988	0.9988	0.0000
2023-10-17T12:17:19	5	0	33	33	0	1.0510	1.0509	0.0000	0.9693	0.9693	0.0000
2023-10-17T12:18:12	2	0	12	11	1	1.0545	1.0542	-0.0003	0.9654	0.9653	0.0001
2023-10-17T12:28:39	10	0	23	22	1	1.0517	1.0494	-0.0023	-0.9863	-0.9861	-0.0002
2023-10-17T12:38:08	5	0	7	8	-1	1.0302	1.0318	0.0016	0.9998	0.9999	-0.0001
2023-10-17T12:53:09	5	0	7	7	0	1.0265	1.0261	-0.0004	0.9997	0.9997	0.0000
2023-10-17T13:00:14	1	0	26	26	0	0.9451	0.9451	0.0000	0.9931	0.9931	0.0000
2023-10-17T13:05:32	2	0	4	4	0	1.0504	1.0490	-0.0014	-0.9962	-0.9961	-0.0001
2023-10-17T13:05:35	1	0	27	27	0	1.0483	1.0474	-0.0009	0.9888	0.9888	0.0000
2023-10-17T13:11:55	1	0	7	8	-1	0.9363	0.9371	0.0008	-0.9789	-0.9782	-0.0007
2023-10-17T13:14:31	1	0	2	2	0	1.0308	1.0307	-0.0001	-0.9987	-0.9987	0.0000
2023-10-17T13:20:36	1	0	31	30	1	1.0429	1.0429	0.0000	0.9868	0.9867	0.0001
2023-10-17T13:21:25	1	0	40	42	-2	1.0497	1.0497	0.0000	-0.9997	-0.9997	0.0000
2023-10-17T13:23:11	5	0	4	5	-1	1.0242	1.0276	0.0034	0.9997	0.9998	-0.0001
2023-10-17T13:25:06	2	0	42	41	1	1.0537	1.0536	-0.0001	0.948	0.9477	0.0003
2023-10-17T13:30:16	2	0	28	28	0	0.9506	0.9505	-0.0001	0.9939	0.9939	0.0000
2023-10-17T13:40:54	2	0	3	3	0	1.0111	1.0111	0.0000	-0.9938	-0.9937	-0.0001
2023-10-17T13:43:44	1	0	8	9	-1	1.0514	1.0507	-0.0008	-0.9862	-0.9863	0.0001
2023-10-17T13:46:39	2	0	23	22	1	1.0556	1.0555	-0.0001	0.9861	0.9861	0.0000
2023-10-17T13:48:30	1	0	1	1	0	1.0567	1.0566	-0.0001	0.9625	0.9625	0.0000
2023-10-17T13:52:04	1	0	5	4	1	1.0605	1.0580	-0.0025	0.9943	0.9939	0.0004
2023-10-17T13:58:22	1	0	5	5	0	1.0345	1.0344	-0.0001	0.9989	0.9989	0.0000
2023-10-17T13:58:45	3	0	8	8	0	1.0419	1.0416	-0.0003	-0.9881	-0.9884	0.0003
2023-10-17T13:59:34	1	0	3	3	0	1.0384	1.0384	0.0000	-0.9986	-0.9986	0.0000
2023-10-17T13:59:52	1	0	14	13	1	1.0492	1.0487	-0.0005	0.9909	0.9908	0.0001
2023-10-17T14:03:19	1	0	8	8	0	1.0528	1.0527	-0.0002	0.9627	0.9626	0.0001
2023-10-17T14:03:39	2	0	2	1	1	1.0017	0.9438	-0.0579	0.9276	0.9275	0.0001
2023-10-17T14:05:36	2	0	3	3	0	1.0500	1.0498	-0.0002	-0.9947	-0.9947	0.0000
2023-10-17T14:05:45	7	0	5	6	-1	1.0182	1.0162	-0.0019	1	1	0.0000
2023-10-17T14:07:27	2	0	3	2	1	1.0529	1.0448	-0.0081	0.9968	0.9953	0.0015
2023-10-17T14:08:14	5	0	7	7	0	1.0281	1.0279	-0.0003	0.9999	0.9999	0.0000
2023-10-17T14:09:09	7	0	362	361	1	1.0626	1.0626	-0.0001	-0.9754	-0.9754	0.0000
2023-10-17T14:09:31	3	0	8	10	-2	1.0542	1.0548	0.0006	0.9588	0.9598	-0.0010
2023-10-17T14:10:56	1	0	8	8	0	1.0211	1.0211	0.0000	-0.9935	-0.9935	0.0000
2023-10-17T14:13:23	1	0	8	8	0	1.0328	1.0328	0.0000	0.998	0.998	0.0000
2023-10-17T14:13:46	4	0	15	12	3	1.0486	1.0474	-0.0012	-0.9857	-0.986	0.0003
2023-10-17T14:14:11	3	0	11	11	0	0.9668	0.9669	0.0001	-0.9909	-0.9907	-0.0002
2023-10-17T14:15:33	1	0	2	2	0	1.0435	1.0432	-0.0004	-0.9866	-0.9867	0.0001
2023-10-17T14:15:45	2	0	45	45	0	0.9268	0.9268	0.0000	0.993	0.993	0.0000
2023-10-17T14:16:18	1	0	2	1	1	1.0635	1.0593	-0.0042	0.9497	0.9492	0.0005
2023-10-17T14:16:25	1	0	2	2	0	0.9876	0.9881	0.0005	-0.9917	-0.9916	-0.0001
2023-10-17T14:18:02	2	0	5	6	-1	0.9614	0.9586	-0.0028	0.949	0.949	0.0000
2023-10-17T14:18:20	3	0	13	11	2	1.0516	1.0518	0.0001	0.9643	0.9631	0.0012
2023-10-17T14:18:40	2	0	3	2	1	1.0197	0.9980	-0.0217	0.9165	0.9157	0.0008
2023-10-17T14:18:57	1	0	7	7	0	1.0386	1.0385	-0.0001	-0.9985	-0.9985	0.0000
2023-10-17T14:20:15	2	0	1	1	0	1.0573	1.0571	-0.0002	-0.7793	-0.779	-0.0003
2023-10-17T14:20:37	4	0	4	4	0	1.0398	1.0396	-0.0002	-0.9941	-0.9942	0.0001
2023-10-17T14:20:40	3	0	26	24	2	1.0439	1.0439	0.0000	0.9876	0.9875	0.0001
2023-10-17T14:20:46	6	0	8	8	0	1.0159	1.0158	-0.0001	-0.9999	-1	0.0001
2023-10-17T14:21:29	20	0	34	34	0	1.0485	1.0484	-0.0001	-0.9999	-0.9999	0.0000
2023-10-17T14:23:15	5	0	7	7	0	1.0289	1.0288	-0.0001	0.9995	0.9995	0.0000
2023-10-17T14:23:26	4	0	6	3	3	1.0555	1.0441	-0.0113	0.9959	0.9924	0.0035
2023-10-17T14:24:32	2	0	3	3	0	1.0499	1.0498	-0.0001	0.9586	0.9581	0.0005
2023-10-17T14:25:15	1	0	2	2	0	0.9753	0.9751	-0.0003	0.9993	0.9993	0.0000
2023-10-17T14:25:16	4	0	345	343	2	1.0621	1.0621	0.0000	-0.9801	-0.9801	0.0000
2023-10-17T14:25:23	3	0	124	123	1	1.0572	1.0572	0.0000	-1	-1	0.0000
2023-10-17T14:25:57	1	0	10	10	0	1.0220	1.0220	0.0000	-0.9943	-0.9943	0.0000
2023-10-17T14:26:18	1	0	2	2	0	1.0178	1.0177	-0.0002	0.9809	0.9808	0.0001
2023-10-17T14:28:47	3	0	19	17	2	1.0506	1.0487	-0.0019	-0.9877	-0.9877	0.0000
2023-10-17T14:29:12	3	0	5	5	0	1.0504	1.0503	-0.0001	-0.9038	-0.9039	0.0001
2023-10-17T14:29:36	1	0	4	4	0	1.0326	1.0325	0.0000	-0.9987	-0.9988	0.0001
2023-10-17T14:30:20	1	0	63	62	1	1.0537	1.0536	-0.0001	0.9865	0.9865	0.0000
2023-10-17T14:30:31	1	0	7	8	-1	1.0459	1.0458	-0.0001	0.9949	0.995	-0.0001

2023-10-17T14:30:46	2	0	45	45	0	0.9246	0.9246	0.0000	0.9941	0.9941	0.0000
2023-10-17T14:30:48	4	0	2	2	0	0.9915	0.9912	-0.0003	0.994	0.9939	0.0001
2023-10-17T14:31:19	1	0	1	1	0	1.0596	1.0594	-0.0002	0.9487	0.9487	0.0000
2023-10-17T14:31:59	1	0	6	6	0	1.0202	1.0201	-0.0001	0.988	0.9644	0.0236
2023-10-17T14:33:03	2	0	32	32	0	0.9572	0.9573	0.0001	0.9476	0.9477	-0.0001
2023-10-17T14:33:41	2	0	1	1	0	1.0563	1.0559	-0.0004	0.9294	0.9293	0.0001
2023-10-17T14:33:58	1	0	6	6	0	1.0431	1.0431	0.0000	-0.9989	-0.9989	0.0000
2023-10-17T14:35:16	2	0	1	1	0	1.0557	1.0556	-0.0001	-0.7515	-0.7511	-0.0004
2023-10-17T14:35:38	2	0	3	3	0	1.0497	1.0495	-0.0002	-0.999	-0.9991	0.0001
2023-10-17T14:35:41	2	0	12	12	0	1.0385	1.0385	0.0000	0.9896	0.9896	0.0000
2023-10-17T14:35:47	7	0	5	5	0	1.0155	1.0153	-0.0002	-0.9998	-0.9999	0.0001
2023-10-17T14:37:57	7	0	19	19	0	1.0479	1.0478	-0.0002	-1	-1	0.0000
2023-10-17T14:38:16	5	0	8	8	0	1.0281	1.0280	-0.0001	0.9995	0.9996	-0.0001
2023-10-17T14:38:30	3	0	52	49	3	0.9363	0.9365	0.0002	0.9919	0.992	-0.0001
2023-10-17T14:39:52	3	0	3	2	1	1.0500	1.0440	-0.0060	0.9963	0.9957	0.0006
2023-10-17T14:40:16	14	0	558	544	14	1.0656	1.0655	-0.0001	-0.9689	-0.9693	0.0004
2023-10-17T14:40:22	2	0	45	44	1	1.0511	1.0511	0.0000	0.9913	0.9913	0.0000
2023-10-17T14:40:24	1	0	75	75	0	1.0563	1.0563	0.0000	1	1	0.0000
2023-10-17T14:40:58	1	0	10	10	0	1.0253	1.0253	0.0000	-0.9937	-0.9937	0.0000
2023-10-17T14:41:19	1	0	2	2	0	1.0201	1.0200	-0.0001	0.9806	0.9805	0.0001
2023-10-17T14:43:25	1	0	9	9	0	1.0333	1.0332	-0.0001	0.9983	0.9983	0.0000
2023-10-17T14:43:49	4	0	27	25	2	1.0505	1.0504	-0.0001	-0.9866	-0.9864	-0.0002
2023-10-17T14:44:13	3	0	4	4	0	1.0473	1.0471	-0.0002	-0.9573	-0.9575	0.0002
2023-10-17T14:44:24	1	0	52	51	1	1.0503	1.0502	-0.0001	-0.9883	-0.9883	0.0000
2023-10-17T14:44:37	1	0	3	3	0	1.0353	1.0353	0.0000	-0.9987	-0.9987	0.0000
2023-10-17T14:45:21	2	0	72	70	2	1.0543	1.0545	0.0002	0.9858	0.9858	0.0000
2023-10-17T14:45:47	2	0	45	45	0	0.9290	0.9290	0.0000	0.9954	0.9955	-0.0001
2023-10-17T14:45:48	1	0	2	2	0	0.9908	0.9908	0.0001	0.9949	0.9949	0.0000
2023-10-17T14:46:13	2	0	40	35	5	1.0534	1.0542	0.0008	0.997	0.997	0.0000
2023-10-17T14:46:43	2	0	13	12	1	1.0517	1.0512	-0.0005	0.9937	0.9936	0.0001
2023-10-17T14:52:57	12	0	29	27	2	1.0467	1.0466	-0.0001	-1	-1	0.0000
2023-10-17T14:54:34	2	0	3	3	0	1.0533	1.0532	-0.0001	0.9644	0.9643	0.0001
2023-10-17T14:55:17	6	0	461	454	7	1.0631	1.0631	0.0000	-0.9684	-0.9684	0.0000
2023-10-17T14:57:50	1	0	11	11	0	1.0387	1.0387	0.0000	0.9915	0.9911	0.0004
2023-10-17T14:58:52	1	0	26	25	1	1.0463	1.0462	-0.0002	-0.9851	-0.9855	0.0004
2023-10-17T15:00:22	4	0	93	90	3	1.0541	1.0540	-0.0001	0.9866	0.9865	0.0001
2023-10-17T15:02:01	1	0	19	19	0	1.0459	1.0458	0.0000	-0.996	-0.9961	0.0001
2023-10-17T15:03:43	1	0	1	2	-1	0.9418	0.9989	0.0571	0.9236	0.9244	-0.0008
2023-10-17T15:04:05	1	0	3	3	0	1.0337	1.0337	0.0000	-0.996	-0.996	0.0000
2023-10-17T15:05:18	2	0	4	3	1	1.0510	1.0490	-0.0020	-0.7851	-0.787	0.0019
2023-10-17T15:05:44	1	0	3	3	0	1.0239	1.0237	-0.0002	0.9816	0.9816	0.0000
2023-10-17T15:07:58	2	0	33	32	1	1.0489	1.0489	0.0000	-0.9999	-0.9999	0.0000
2023-10-17T15:10:13	2	0	28	26	2	1.0517	1.0521	0.0004	0.9241	0.9235	0.0006
2023-10-17T15:11:55	1	0	3	3	0	1.0341	1.0338	-0.0003	0.9817	0.9816	0.0001
2023-10-17T15:13:51	1	0	2	2	0	0.9954	0.9951	-0.0003	0.9918	0.9917	0.0001
2023-10-17T15:14:18	1	0	2	2	0	1.0301	1.0297	-0.0005	0.9751	0.975	0.0001
2023-10-17T15:18:44	1	0	1	2	-1	0.9430	0.9991	0.0561	0.9316	0.9319	-0.0003
2023-10-17T15:26:53	4	0	4	4	0	1.0032	1.0024	-0.0008	0.9963	0.9965	-0.0002
2023-10-17T15:33:45	1	0	1	0	1	1.0572	null	null	0.9299	0.93	-0.0001
2023-10-17T15:37:27	1	0	12	12	0	1.0477	1.0477	0.0000	0.9924	0.9921	0.0003
2023-10-17T15:41:23	1	0	276	276	0	1.0757	1.0757	0.0000	-0.9942	-0.9942	0.0000
2023-10-17T15:43:01	1	0	53	52	1	1.0480	1.0478	-0.0002	-0.9997	-0.9997	0.0000
2023-10-17T15:59:29	1	0	61	61	0	1.0502	1.0502	0.0000	-0.9859	-0.986	0.0001
2023-10-17T16:03:09	1	0	1	0	1	1.0323	null	null	0.9083	0.908	0.0003
2023-10-17T16:03:47	1	0	7	8	-1	0.9992	1.0063	0.0071	0.9471	0.9473	-0.0002
2023-10-17T16:04:02	3	0	16	16	0	0.9528	0.9526	-0.0002	0.9997	0.9997	0.0000
2023-10-17T16:17:35	2	0	7	7	0	1.0280	1.0278	-0.0002	0.9847	0.9847	0.0000
2023-10-17T16:18:49	1	0	2	2	0	0.9372	0.9374	0.0002	0.9495	0.9497	-0.0002
2023-10-17T16:30:28	1	0	100	99	1	1.0539	1.0539	0.0000	0.986	0.986	0.0000
2023-10-17T16:47:05	1	0	3	3	0	1.0391	1.0390	-0.0001	1	1	0.0000
2023-10-17T17:01:34	1	0	3	3	0	1.0325	1.0325	0.0000	-0.9995	-0.9995	0.0000
2023-10-18T07:50:07	1	0	22	22	0	0.9420	0.9421	0.0001	-0.9636	-0.9621	-0.0015
2023-10-18T07:54:26	1	0	58	54	4	0.9488	0.9488	0.0000	-0.9882	-0.988	-0.0002
2023-10-18T07:54:48	1	0	47	46	1	0.9203	0.9203	0.0000	0.9972	0.9972	0.0000
2023-10-18T07:58:58	1	0	23	22	1	1.0514	1.0513	-0.0002	-0.9003	-0.8995	-0.0008
2023-10-18T08:04:47	1	0	44	44	0	0.9319	0.9319	0.0000	0.8963	0.8963	0.0000
2023-10-18T08:06:34	1	0	76	75	1	1.0491	1.0490	-0.0001	0.9881	0.9881	0.0000
2023-10-18T08:10:00	1	0	107	107	0	1.0563	1.0563	0.0000	1	1	0.0000
2023-10-18T08:13:25	2	0	10	10	0	1.0414	1.0414	0.0000	-0.9647	-0.9648	0.0001
2023-10-18T08:13:59	1	0	64	63	1	1.0544	1.0543	0.0000	-0.8999	-0.8994	-0.0005
2023-10-18T08:20:09	1	0	17	17	0	0.9440	0.9440	0.0001	-0.9998	-0.9998	0.0000
2023-10-18T08:36:34	1	0	1	1	0	0.9401	0.9404	0.0003	-0.9953	-0.9951	-0.0002
2023-10-18T08:44:04	1	0	9	9	0	1.0408	1.0408	0.0000	-0.9959	-0.996	0.0001
2023-10-18T09:05:35	1	0	6	6	0	0.9928	0.9927	-0.0001	0.9734	0.9734	0.0000
2023-10-18T09:08:10	1	0	165	164	1	1.0578	1.0575	-0.0003	-0.9763	-0.9761	-0.0002
2023-10-18T09:09:56	1	0	121	120	1	0.9104	0.9104	0.0000	0.9959	0.996	-0.0001
2023-10-18T09:10:35	1	0	1	1	0	1.0381	1.0375	-0.0006	-0.9782	-0.9781	-0.0001
2023-10-18T09:12:27	1	0	1	1	0	1.0003	1.0000	-0.0003	0.9893	0.9893	0.0000
2023-10-18T09:20:13	1	0	15	15	0	0.9442	0.9442	0.0000	-0.9649	-0.9639	-0.0010
2023-10-18T09:20:14	2	0	23	23	0	1.0439	1.0437	-0.0001	-0.9999	-0.9999	0.0000
2023-10-18T09:20:31	1	0	3	3	0	1.0346	1.0344	-0.0002	-0.9952	-0.9951	-0.0001
2023-10-18T09:28:30	1	0	3	3	0	1.0374	1.0372	-0.0002	-0.9861	-0.9862	0.0001
2023-10-18T09:28:51	2	0	2	3	-1	1.0175	0.9982	-0.0194	-0.9899	-0.9899	0.0000
2023-10-18T09:30:50	1	0	29	29	0	1.0479	1.0479	0.0000	-0.9922	-0.9923	0.0001
2023-10-18T09:31:20	1	0	10	11	-1	1.0294	1.0292	-0.0001	0.9834	0.983	0.0004

2023-10-18T09:33:09	1	0	3	3	0	0.9976	0.9974	-0.0001	0.989	0.989	0.0000
2023-10-18T09:35:12	1	0	22	22	0	1.0510	1.0509	-0.0001	0.9834	0.9833	0.0001
2023-10-18T09:35:14	1	0	53	53	0	0.9430	0.9430	0.0000	-0.9669	-0.9658	-0.0011
2023-10-18T09:35:15	4	0	27	27	0	1.0465	1.0459	-0.0006	-0.9999	-0.9999	0.0000
2023-10-18T09:36:16	1	0	7	7	0	1.0139	1.0137	-0.0002	-0.9969	-0.9969	0.0000
2023-10-18T09:38:12	1	0	292	290	2	1.0607	1.0607	0.0000	-0.9725	-0.9724	-0.0001
2023-10-18T09:40:41	1	0	9	9	0	1.0200	1.0199	0.0000	-0.9954	-0.9954	0.0000
2023-10-18T09:45:33	1	0	2	2	0	0.9240	0.9242	0.0002	0.9963	0.9963	0.0000
2023-10-18T09:46:52	1	0	13	13	0	1.0267	1.0266	-0.0001	0.9906	0.9907	-0.0001
2023-10-18T09:49:49	2	0	1	1	0	1.0370	1.0364	-0.0006	0.9886	0.9885	0.0001
2023-10-18T09:50:15	1	0	12	12	0	0.9433	0.9433	0.0000	-0.9496	-0.9483	-0.0013
2023-10-18T09:50:16	1	0	20	20	0	1.0456	1.0456	0.0000	-0.9997	-0.9997	0.0000
2023-10-18T09:50:31	1	0	4	4	0	1.0157	1.0156	-0.0001	-1	-1	0.0000
2023-10-18T09:50:40	1	0	4	4	0	1.0381	1.0380	-0.0001	0.9869	0.9867	0.0002
2023-10-18T09:51:41	1	0	5	5	0	1.0268	1.0268	0.0000	0.9887	0.9892	-0.0005
2023-10-18T09:53:12	5	0	14	11	3	1.0350	1.0319	-0.0031	0.9998	0.9998	0.0000
2023-10-18T09:53:13	1	0	217	216	1	1.0600	1.0600	0.0000	-0.9745	-0.9743	-0.0002
2023-10-18T09:54:59	1	0	7	7	0	0.9445	0.9445	0.0000	0.9995	0.9995	0.0000
2023-10-18T09:58:54	1	0	3	3	0	1.0328	1.0327	-0.0001	-0.9908	-0.9909	0.0001
2023-10-18T10:00:34	1	0	1	1	0	0.9106	0.9106	0.0000	0.9963	0.9963	0.0000
2023-10-18T10:03:11	1	0	3	3	0	0.9993	0.9991	-0.0001	0.9865	0.9868	-0.0003
2023-10-18T10:04:51	2	0	5	5	0	1.0302	1.0302	-0.0001	0.9902	0.9901	0.0001
2023-10-18T10:05:14	2	0	20	19	1	1.0525	1.0529	0.0003	0.9822	0.9821	0.0001
2023-10-18T10:05:16	1	0	34	31	3	0.9418	0.9418	0.0000	-0.9998	-0.9997	-0.0001
2023-10-18T10:05:17	16	0	28	26	2	1.0479	1.0466	-0.0012	-0.9995	-0.9997	0.0002
2023-10-18T10:05:41	1	0	4	4	0	1.0385	1.0384	-0.0001	0.9893	0.9891	0.0002
2023-10-18T10:06:18	1	0	5	5	0	1.0320	1.0316	-0.0004	-0.9924	-0.9924	0.0000
2023-10-18T10:06:42	2	0	7	7	0	1.0304	1.0303	-0.0001	0.9975	0.9974	0.0001
2023-10-18T10:06:43	1	0	1	1	0	0.9407	0.9420	0.0013	-0.9964	-0.996	-0.0004
2023-10-18T10:07:08	1	0	7	7	0	0.9909	0.9907	-0.0002	0.9687	0.9684	0.0003
2023-10-18T10:08:13	5	0	18	16	2	1.0402	1.0389	-0.0013	0.9999	0.9999	0.0000
2023-10-18T10:08:14	3	0	88	87	1	0.9224	0.9236	0.0011	0.9903	0.9907	-0.0004
2023-10-18T10:08:14	2	0	319	311	8	1.0606	1.0605	0.0000	-0.9683	-0.9685	0.0002
2023-10-18T10:09:13	1	0	18	18	0	0.9952	0.9951	0.0000	0.9707	0.9704	0.0003
2023-10-18T10:09:17	2	0	7	6	1	1.0523	1.0508	-0.0014	0.9858	0.985	0.0008
2023-10-18T10:10:00	1	0	49	49	0	0.9199	0.9201	0.0002	0.9974	0.9974	0.0000
2023-10-18T10:10:07	1	0	3	3	0	1.0176	1.0167	-0.0009	0.996	0.9958	0.0002
2023-10-18T10:10:08	3	0	92	83	9	1.0554	1.0552	-0.0003	-0.9998	-0.9999	0.0001
2023-10-18T10:13:33	3	0	21	17	4	1.0498	1.0497	-0.0001	-0.9831	-0.9836	0.0005
2023-10-18T10:13:55	2	0	3	3	0	1.0387	1.0384	-0.0003	-0.9913	-0.9916	0.0003
2023-10-18T10:14:07	2	0	145	135	10	1.0591	1.0585	-0.0005	-0.8936	-0.8946	0.0010
2023-10-18T10:15:55	2	0	14	14	0	1.0445	1.0444	-0.0001	-0.9974	-0.9975	0.0001
2023-10-18T10:16:23	1	0	10	10	0	1.0290	1.0289	-0.0001	0.9826	0.9822	0.0004
2023-10-18T10:16:32	1	0	2	2	0	1.0591	1.0589	-0.0002	-0.9708	-0.9712	0.0004
2023-10-18T10:17:00	3	0	11	11	0	1.0141	1.0140	-0.0001	0.9874	0.9873	0.0001
2023-10-18T10:17:45	2	0	31	30	1	0.9586	0.9594	0.0008	0.965	0.9651	-0.0001
2023-10-18T10:18:54	6	0	31	23	8	1.0527	1.0512	-0.0014	0.997	0.9969	0.0001
2023-10-18T10:20:33	4	0	4	4	0	1.0156	1.0149	-0.0007	1	0.9999	0.0001
2023-10-18T10:20:35	2	0	4	4	0	1.0412	1.0412	-0.0001	-0.9948	-0.9948	0.0000
2023-10-18T10:24:14	3	0	19	19	0	0.9969	0.9970	0.0000	0.9705	0.9702	0.0003
2023-10-18T10:24:47	1	0	14	14	0	1.0244	1.0244	0.0000	-0.999	-0.999	0.0000
2023-10-18T10:24:52	1	0	2	2	0	1.0508	1.0504	-0.0004	-0.9915	-0.9917	0.0002
2023-10-18T10:25:44	1	0	6	6	0	1.0173	1.0173	-0.0001	-0.9959	-0.996	0.0001
2023-10-18T10:26:07	1	0	276	272	4	1.0782	1.0751	-0.0031	-0.9953	-0.9894	-0.0059
2023-10-18T10:26:31	1	0	3	3	0	1.0287	1.0285	-0.0002	0.9949	0.995	-0.0001
2023-10-18T10:30:34	2	0	52	50	2	0.9641	0.9562	-0.0079	0.9941	0.9941	0.0000
2023-10-18T10:30:59	4	0	24	23	1	1.0474	1.0472	-0.0002	-0.9955	-0.9957	0.0002
2023-10-18T10:31:33	1	0	2	2	0	1.0627	1.0625	-0.0002	-0.9597	-0.9604	0.0007
2023-10-18T10:31:48	1	0	41	40	1	1.0504	1.0502	-0.0002	-0.9591	-0.959	-0.0001
2023-10-18T10:33:27	1	0	33	31	2	1.0522	1.0520	-0.0002	0.9992	0.9991	0.0001
2023-10-18T10:33:55	2	0	12	12	0	1.0531	1.0517	-0.0014	0.9943	0.9942	0.0001
2023-10-18T10:35:16	3	0	20	20	0	1.0538	1.0537	-0.0001	0.9809	0.9807	0.0002
2023-10-18T10:41:32	1	0	3	0	3	1.0583	null	null	0.9958	0.9952	0.0006
2023-10-18T10:43:35	1	0	6	6	0	1.0452	1.0452	-0.0001	-0.9873	-0.9874	0.0001
2023-10-18T10:44:12	1	0	27	27	0	1.0459	1.0458	0.0000	-0.9958	-0.9958	0.0000
2023-10-18T10:44:25	1	0	1	1	0	1.0323	1.0323	0.0000	-0.9991	-0.9991	0.0000
2023-10-18T10:45:11	11	0	27	8	19	1.0451	1.0357	-0.0094	0.9996	0.9986	0.0010
2023-10-18T10:45:37	3	0	2	2	0	0.9903	0.9897	-0.0007	0.9972	0.9971	0.0001
2023-10-18T10:47:02	1	0	14	13	1	1.0282	1.0261	-0.0021	0.987	0.9869	0.0001
2023-10-18T10:47:19	1	0	97	96	1	0.9251	0.9262	0.0011	0.9726	0.969	0.0036
2023-10-18T10:48:31	6	0	5	4	1	0.9645	0.9697	0.0052	0.9069	0.9066	0.0003
2023-10-18T10:50:35	1	0	3	3	0	1.0190	1.0186	-0.0003	1	1	0.0000
2023-10-18T10:50:44	1	0	8	8	0	1.0505	1.0504	-0.0002	0.9873	0.9868	0.0005
2023-10-18T10:52:39	2	0	26	25	1	1.0491	1.0487	-0.0004	0.9918	0.9917	0.0001
2023-10-18T10:53:17	3	0	213	211	2	1.0582	1.0582	0.0000	-0.974	-0.9741	0.0001
2023-10-18T10:54:49	1	0	10	10	0	1.0226	1.0226	0.0000	-0.9974	-0.9975	0.0001
2023-10-18T10:56:35	1	0	2	2	0	1.0728	1.0723	-0.0005	-1	-1	0.0000
2023-10-18T10:57:53	3	0	7	6	1	1.0483	1.0425	-0.0058	0.995	0.9942	0.0008
2023-10-18T10:58:36	3	0	15	14	1	1.0515	1.0514	-0.0001	-0.986	-0.9856	-0.0004
2023-10-18T10:59:13	1	0	22	22	0	1.0464	1.0464	0.0000	-0.9959	-0.9959	0.0000
2023-10-18T11:00:12	4	0	26	25	1	0.9358	0.9360	0.0003	0.9907	0.9908	-0.0001
2023-10-18T11:01:26	1	0	9	9	0	1.0288	1.0287	-0.0001	0.9791	0.9787	0.0004
2023-10-18T11:01:35	3	0	4	4	0	1.0375	1.0373	-0.0002	0.9822	0.98	0.0022
2023-10-18T11:03:15	1	0	3	3	0	0.9953	0.9952	-0.0001	0.9852	0.9855	-0.0003
2023-10-18T11:03:43	1	0	6	6	0	1.0492	1.0492	-0.0001	0.9975	0.9974	0.0001

2023-10-18T11:04:42	1	0	20	20	0	1.0487	1.0486	-0.0001	0.9961	0.9966	-0.0005
2023-10-18T11:05:20	1	0	15	12	3	0.9440	0.9442	0.0002	-0.9999	-0.9999	0.0000
2023-10-18T11:05:21	11	0	32	31	1	1.0498	1.0491	-0.0007	0.9998	0.9993	0.0005
2023-10-18T11:06:22	2	0	6	6	0	1.0150	1.0148	-0.0002	-0.9969	-0.9969	0.0000
2023-10-18T11:07:27	2	0	4	2	2	1.0344	1.0398	0.0054	0.9982	0.9982	0.0000
2023-10-18T11:07:40	2	0	19	18	1	1.0516	1.0512	-0.0004	0.9925	0.9923	0.0002
2023-10-18T11:08:18	1	0	323	319	4	1.0603	1.0603	0.0000	-0.9694	-0.9693	-0.0001
2023-10-18T11:11:36	1	0	4	4	0	1.0568	1.0567	-0.0002	0.9944	0.9941	0.0003
2023-10-18T11:11:37	1	0	2	2	0	1.0576	1.0571	-0.0006	0.9842	0.9841	0.0001
2023-10-18T11:11:43	1	0	14	13	1	1.0551	1.0549	-0.0002	0.9364	0.9362	0.0002
2023-10-18T11:13:37	2	0	31	29	2	1.0501	1.0493	-0.0009	-0.983	-0.9831	0.0001
2023-10-18T11:14:11	1	0	208	202	6	1.0604	1.0604	0.0000	-0.8782	-0.879	0.0008
2023-10-18T11:15:06	2	0	51	50	1	1.0515	1.0514	-0.0001	0.9872	0.9872	0.0000
2023-10-18T11:15:28	2	0	20	20	0	1.0489	1.0489	0.0000	0.9996	0.9996	0.0000
2023-10-18T11:16:39	2	0	20	18	2	1.0467	1.0468	0.0001	-0.9979	-0.998	0.0001
2023-10-18T11:16:52	1	0	49	47	2	1.0508	1.0505	-0.0003	-0.9608	-0.9608	0.0000
2023-10-18T11:17:04	1	0	15	15	0	1.0297	1.0296	0.0000	0.9869	0.9868	0.0001
2023-10-18T11:17:19	5	0	27	26	1	1.0521	1.0519	-0.0002	0.9693	0.9692	0.0001
2023-10-18T11:19:42	1	0	14	14	0	1.0546	1.0545	-0.0001	0.9947	0.9947	0.0000
2023-10-18T11:20:01	4	0	4	1	3	1.0504	1.0550	0.0046	-0.7877	-0.7898	0.0021
2023-10-18T11:20:03	2	0	3	1	2	1.0210	1.0562	0.0352	0.9308	0.9299	0.0009
2023-10-18T11:21:23	1	0	6	6	0	1.0135	1.0137	0.0002	-0.9975	-0.9973	-0.0002
2023-10-18T11:23:19	4	0	284	278	6	1.0600	1.0599	-0.0001	-0.9735	-0.9735	0.0000
2023-10-18T11:23:24	1	0	6	6	0	1.0319	1.0319	0.0000	0.9982	0.9982	0.0000
2023-10-18T11:25:13	1	0	72	70	2	1.0556	1.0556	0.0000	-0.9998	-0.9998	0.0000
2023-10-18T11:28:21	1	0	6	6	0	1.0292	1.0289	-0.0003	0.9961	0.996	0.0001
2023-10-18T11:29:28	1	0	2	2	0	1.0350	1.0350	0.0000	-0.9985	-0.9985	0.0000
2023-10-18T11:30:00	5	0	3	3	0	1.0654	1.0556	-0.0098	0.9974	0.9968	0.0006
2023-10-18T11:30:14	8	0	16	15	1	0.9577	0.9502	-0.0075	0.9926	0.9926	0.0000
2023-10-18T11:30:29	2	0	11	11	0	1.0481	1.0479	-0.0002	0.9991	0.9991	0.0000
2023-10-18T11:30:38	2	0	48	48	0	0.9520	0.9520	0.0000	0.9918	0.9918	0.0000
2023-10-18T11:31:12	7	0	2	2	0	0.9976	0.9976	0.0000	-0.9962	-0.9962	0.0000
2023-10-18T11:31:25	2	0	1	1	0	1.0321	1.0315	-0.0006	0.9877	0.9874	0.0003
2023-10-18T11:31:37	5	0	1	1	0	1.0650	1.0650	0.0000	0.9811	0.9629	0.0182
2023-10-18T11:34:42	4	0	1	0	1	1.0450	null	null	0.9799	0.9799	0.0000
2023-10-18T11:38:56	14	0	334	326	8	1.0612	1.0610	-0.0002	-0.9661	-0.9663	0.0002
2023-10-18T11:40:06	1	0	7	7	0	0.9159	0.9159	0.0000	0.9968	0.9968	0.0000
2023-10-18T11:40:13	2	0	51	50	1	1.0512	1.0512	0.0000	0.9878	0.9878	0.0000
2023-10-18T11:40:45	2	0	1	1	0	1.0344	1.0322	-0.0022	-0.9819	-0.9824	0.0005
2023-10-18T11:41:12	1	0	276	276	0	1.0748	1.0748	0.0000	-0.9958	-0.9958	0.0000
2023-10-18T11:41:58	1	0	9	9	0	0.9941	0.9940	0.0000	0.9711	0.9711	0.0000
2023-10-18T11:42:30	1	0	82	82	0	1.0588	1.0573	-0.0015	-0.99	-0.9901	0.0001
2023-10-18T11:43:39	8	0	32	29	3	1.0532	1.0516	-0.0016	-0.9821	-0.9824	0.0003
2023-10-18T11:44:29	1	0	1	1	0	1.0379	1.0379	0.0000	-0.9992	-0.9992	0.0000
2023-10-18T11:45:15	7	0	13	12	1	0.9582	0.9594	0.0012	0.9941	0.9941	0.0000
2023-10-18T11:45:39	2	0	45	45	0	0.9314	0.9314	0.0000	0.9697	0.9698	-0.0001
2023-10-18T11:46:03	5	0	4	3	1	1.0623	1.0598	-0.0025	0.9983	0.9986	-0.0003
2023-10-18T11:46:35	3	0	68	64	4	1.0563	1.0561	-0.0002	0.9998	0.9998	0.0000
2023-10-18T11:46:38	5	0	1	1	0	1.0667	1.0667	0.0000	0.9777	0.9787	-0.0010
2023-10-18T11:47:21	4	0	30	29	1	1.0524	1.0522	-0.0002	0.9655	0.9654	0.0001
2023-10-18T11:50:29	2	0	2	2	0	1.0448	1.0444	-0.0004	-0.996	-0.996	0.0000
2023-10-18T11:52:30	2	0	2	2	0	1.0484	1.0484	0.0000	0.9972	0.9973	-0.0001
2023-10-18T11:56:13	1	0	234	233	1	1.0688	1.0687	0.0000	-0.9961	-0.9961	0.0000
2023-10-18T11:56:40	2	0	2	3	-1	0.9961	0.9786	-0.0175	0.9943	0.9942	0.0001
2023-10-18T11:57:38	1	0	1	1	0	1.0019	1.0013	-0.0006	0.9868	0.9867	0.0001
2023-10-18T11:59:30	1	0	1	1	0	1.0365	1.0365	0.0000	-0.9989	-0.9989	0.0000
2023-10-18T11:59:36	1	0	1	1	0	1.0593	1.0587	-0.0006	0.9823	0.9823	0.0000
2023-10-18T12:00:16	7	0	1	1	0	0.9377	0.9380	0.0003	0.9955	0.9955	0.0000
2023-10-18T12:00:40	2	0	45	45	0	0.9252	0.9252	0.0000	0.9731	0.9732	-0.0001
2023-10-18T12:01:58	5	0	2	1	1	1.0694	1.0590	-0.0103	0.9953	0.9949	0.0004
2023-10-18T12:02:22	2	0	32	30	2	1.0540	1.0538	-0.0002	0.964	0.9639	0.0001
2023-10-18T12:04:13	4	0	25	24	1	1.0517	1.0515	-0.0002	0.9862	0.9862	0.0000
2023-10-18T12:07:12	1	0	90	86	4	1.0547	1.0545	-0.0001	-0.9653	-0.9655	0.0002
2023-10-18T12:11:14	1	0	276	276	0	1.0737	1.0737	0.0000	-0.9958	-0.9957	-0.0001
2023-10-18T12:11:41	2	0	1	1	0	0.9364	0.9365	0.0001	0.9953	0.9953	0.0000
2023-10-18T12:16:15	7	0	1	4	-3	0.9302	0.9374	0.0072	0.9964	0.9735	0.0229
2023-10-18T12:16:40	5	0	1	1	0	1.0680	1.0680	0.0000	0.9809	0.9823	-0.0014
2023-10-18T12:33:06	3	0	12	11	1	1.0536	1.0529	-0.0007	0.9638	0.9636	0.0002
2023-10-18T12:40:53	1	0	4	4	0	1.0120	1.0120	0.0000	-0.9982	-0.9982	0.0000
2023-10-18T12:43:43	4	0	5	6	-1	1.0538	1.0543	0.0005	-0.9839	-0.9833	-0.0006
2023-10-18T12:46:39	2	0	5	5	0	1.0383	1.0383	0.0000	-1	-1	0.0000
2023-10-18T12:58:12	1	0	8	8	0	1.0022	1.0021	-0.0002	0.9709	0.9707	0.0002
2023-10-18T13:00:21	13	0	8	7	1	0.9574	0.9595	0.0021	0.9934	0.9935	-0.0001
2023-10-18T13:03:37	1	0	42	40	2	1.0567	1.0567	0.0000	-0.9945	-0.9939	-0.0006
2023-10-18T13:05:04	1	0	15	15	0	1.0432	1.0421	-0.0011	0.9827	0.9829	-0.0002
2023-10-18T13:12:36	1	0	1	81	-80	0.9149	1.0625	0.1476	-0.9933	-0.9957	0.0024
2023-10-18T13:12:43	1	0	1	1	0	1.0134	1.0134	0.0000	0.988	0.988	0.0000
2023-10-18T13:13:36	1	0	8	9	-1	1.0001	1.0025	0.0024	0.9702	0.9704	-0.0002
2023-10-18T13:14:22	1	0	37	36	1	1.0491	1.0489	-0.0002	-0.9933	-0.9933	0.0000
2023-10-18T13:15:21	1	0	2	2	0	0.9377	0.9377	0.0000	0.9971	0.9971	0.0000
2023-10-18T13:15:52	4	0	59	59	0	1.0606	1.0606	-0.0001	0.9865	0.986	0.0005
2023-10-18T13:20:05	1	0	14	11	3	1.0432	1.0409	-0.0023	0.9845	0.9846	-0.0001
2023-10-18T13:20:11	1	0	3	3	0	1.0185	1.0179	-0.0007	0.9072	0.9052	0.0020
2023-10-18T13:35:06	1	0	16	13	3	1.0437	1.0420	-0.0017	0.9856	0.9857	-0.0001
2023-10-18T13:46:21	3	0	21	20	1	0.9530	0.9531	0.0001	1	1	0.0000

2023-10-18T13:48:11	1	0	10	9	1	1.0530	1.0524	-0.0006	0.9622	0.962	0.0002
2023-10-18T13:50:33	2	0	2	2	0	1.0573	1.0517	-0.0056	0.9937	0.9937	0.0000
2023-10-18T13:55:58	1	0	8	8	0	1.0190	1.0190	0.0000	-0.9941	-0.9941	0.0000
2023-10-18T14:01:22	1	0	7	7	0	0.9751	0.9751	0.0000	1	1	0.0000
2023-10-18T14:02:25	2	0	8	8	0	1.0372	1.0370	-0.0002	0.9796	0.9795	0.0001
2023-10-18T14:03:41	1	0	50	50	0	1.0554	1.0554	0.0000	-0.9854	-0.985	-0.0004
2023-10-18T14:03:44	1	0	5	5	0	1.0407	1.0406	-0.0001	0.9577	0.9577	0.0000
2023-10-18T14:04:54	2	0	7	6	1	1.0571	1.0547	-0.0024	0.9945	0.9909	0.0036
2023-10-18T14:05:08	4	0	21	18	3	1.0488	1.0458	-0.0030	0.9883	0.9882	0.0001
2023-10-18T14:08:46	1	0	90	90	0	1.0510	1.0508	-0.0001	0.978	0.978	0.0000
2023-10-18T14:09:29	4	0	9	10	-1	1.0105	1.0040	-0.0065	0.9611	0.9613	-0.0002
2023-10-18T14:09:33	2	0	5	5	0	1.0081	1.0085	0.0004	0.9671	0.9512	0.0159
2023-10-18T14:10:50	1	0	9	9	0	1.0229	1.0228	-0.0001	0.9591	0.959	0.0001
2023-10-18T14:10:59	1	0	8	8	0	1.0181	1.0181	0.0000	-0.9951	-0.9951	0.0000
2023-10-18T14:12:40	1	0	83	83	0	1.1301	1.1297	-0.0004	-0.9953	-0.9955	0.0002
2023-10-18T14:12:47	1	0	2	2	0	1.0078	1.0076	-0.0002	0.9879	0.9878	0.0001
2023-10-18T14:13:49	3	0	24	24	0	1.0451	1.0443	-0.0008	-0.9777	-0.9778	0.0001
2023-10-18T14:15:04	1	0	8	8	0	1.0033	1.0032	-0.0002	0.9715	0.9713	0.0002
2023-10-18T14:15:49	2	0	46	46	0	0.9181	0.9181	0.0000	0.9753	0.9751	0.0002
2023-10-18T14:16:23	5	0	3	3	0	1.0467	1.0459	-0.0009	-0.9924	-0.9926	0.0002
2023-10-18T14:18:13	4	0	11	10	1	1.0525	1.0519	-0.0006	0.9619	0.9605	0.0014
2023-10-18T14:18:45	2	0	4	3	1	1.0555	1.0543	-0.0012	0.9583	0.9584	-0.0001
2023-10-18T14:20:09	2	0	16	15	1	1.0423	1.0422	-0.0001	0.9854	0.9854	0.0000
2023-10-18T14:20:12	4	0	3	1	2	1.0458	1.0457	-0.0001	0.9835	0.9829	0.0006
2023-10-18T14:20:15	2	0	3	3	0	1.0262	1.0248	-0.0013	0.9324	0.9325	-0.0001
2023-10-18T14:20:32	4	0	6	6	0	1.0482	1.0554	0.0072	0.9964	0.9962	0.0002
2023-10-18T14:20:39	2	0	3	3	0	1.0512	1.0512	-0.0001	-0.9998	-0.9998	0.0000
2023-10-18T14:24:30	4	0	9	9	0	1.0085	1.0084	0.0000	0.9639	0.964	-0.0001
2023-10-18T14:24:34	2	0	3	3	0	1.0504	1.0502	-0.0002	0.9645	0.964	0.0005
2023-10-18T14:25:17	1	0	41	40	1	0.9187	0.9187	0.0000	0.9969	0.9971	-0.0002
2023-10-18T14:26:00	1	0	8	8	0	1.0177	1.0177	0.0000	-0.9962	-0.9962	0.0000
2023-10-18T14:27:41	2	0	84	83	1	1.1047	1.0946	-0.0101	-0.9913	-0.9943	0.0030
2023-10-18T14:27:48	1	0	2	2	0	1.0100	1.0099	-0.0001	0.99	0.9899	0.0001
2023-10-18T14:28:51	4	0	55	55	0	1.0477	1.0458	-0.0018	-0.9755	-0.9758	0.0003
2023-10-18T14:29:27	1	0	57	55	2	1.0506	1.0507	0.0001	-0.9903	-0.9904	0.0001
2023-10-18T14:29:40	1	0	1	1	0	1.0357	1.0357	0.0000	-0.9995	-0.9995	0.0000
2023-10-18T14:30:19	2	0	57	56	1	1.0527	1.0528	0.0001	0.9866	0.9866	0.0000
2023-10-18T14:30:40	1	0	8	8	0	1.0041	1.0039	-0.0002	0.9719	0.9717	0.0002
2023-10-18T14:30:51	2	0	46	46	0	0.9203	0.9203	0.0000	0.9714	0.9714	0.0000
2023-10-18T14:30:57	1	0	5	5	0	1.0330	1.0328	-0.0002	0.9726	0.9719	0.0007
2023-10-18T14:31:24	8	0	3	1	2	1.0467	1.0410	-0.0057	-0.9934	-0.9936	0.0002
2023-10-18T14:32:06	1	0	50	49	1	1.0519	1.0518	-0.0001	-0.9592	-0.959	-0.0002
2023-10-18T14:32:32	4	0	30	29	1	1.0537	1.0536	-0.0001	0.9657	0.9656	0.0001
2023-10-18T14:33:14	4	0	10	10	0	1.0514	1.0514	0.0000	0.9612	0.9608	0.0004
2023-10-18T14:33:43	1	0	151	150	1	1.0607	1.0607	0.0000	-0.9839	-0.9842	0.0003
2023-10-18T14:33:46	2	0	2	2	0	1.0539	1.0537	-0.0002	0.955	0.9549	0.0001
2023-10-18T14:34:23	3	0	20	19	1	1.0499	1.0496	-0.0003	0.9845	0.9844	0.0001
2023-10-18T14:35:10	2	0	16	16	0	1.0433	1.0433	0.0000	0.9877	0.9877	0.0000
2023-10-18T14:35:13	4	0	4	4	0	1.0461	1.0460	-0.0002	0.9841	0.984	0.0001
2023-10-18T14:35:14	2	0	7	7	0	1.0501	1.0498	-0.0003	-0.7976	-0.7975	-0.0001
2023-10-18T14:35:16	2	0	3	3	0	1.0213	1.0210	-0.0004	0.9212	0.9211	0.0001
2023-10-18T14:35:32	2	0	34	32	2	1.0565	1.0563	-0.0002	0.976	0.9755	0.0005
2023-10-18T14:35:40	2	0	3	3	0	1.0492	1.0491	-0.0001	-0.9993	-0.9993	0.0000
2023-10-18T14:36:19	2	0	5	3	2	1.0550	1.0568	0.0018	0.996	0.9953	0.0007
2023-10-18T14:36:36	1	0	5	5	0	1.0298	1.0297	-0.0001	-0.9989	-0.9989	0.0000
2023-10-18T14:39:08	3	0	283	282	1	1.0600	1.0600	0.0000	-0.973	-0.973	0.0000
2023-10-18T14:39:31	4	0	9	9	0	1.0093	1.0092	0.0000	0.9671	0.9672	-0.0001
2023-10-18T14:39:35	2	0	3	3	0	1.0502	1.0501	-0.0001	0.9677	0.9676	0.0001
2023-10-18T14:40:26	1	0	137	137	0	1.0563	1.0566	0.0003	-0.9999	-0.9999	0.0000
2023-10-18T14:40:55	1	0	9	9	0	1.0217	1.0216	0.0000	0.9613	0.961	0.0003
2023-10-18T14:41:01	1	0	8	8	0	1.0188	1.0188	0.0000	-0.9962	-0.9962	0.0000
2023-10-18T14:42:49	1	0	2	2	0	1.0087	1.0087	-0.0001	0.9877	0.9876	0.0001
2023-10-18T14:43:10	1	0	6	6	0	1.0459	1.0458	-0.0001	1	1	0.0000
2023-10-18T14:43:34	1	0	8	8	0	1.0313	1.0313	0.0000	0.9972	0.9973	-0.0001
2023-10-18T14:43:52	4	0	46	46	0	1.0458	1.0458	-0.0001	-0.9768	-0.9769	0.0001
2023-10-18T14:44:41	1	0	2	2	0	1.0348	1.0348	0.0000	-0.9995	-0.9995	0.0000
2023-10-18T14:44:54	1	0	13	12	1	1.0510	1.0507	-0.0003	0.9635	0.9635	0.0000
2023-10-18T14:45:30	2	0	52	52	0	1.0500	1.0500	0.0000	-0.9911	-0.9911	0.0000
2023-10-18T14:45:42	2	0	11	11	0	1.0489	1.0489	0.0000	0.999	0.999	0.0000
2023-10-18T14:45:51	2	0	46	46	0	0.9225	0.9226	0.0001	0.9724	0.9724	0.0000
2023-10-18T14:46:37	1	0	8	8	0	1.0044	1.0043	-0.0001	0.9716	0.9714	0.0002
2023-10-18T14:46:38	2	0	3	3	0	1.0272	1.0272	-0.0001	0.9686	0.9679	0.0007
2023-10-18T14:47:05	1	0	3	3	0	1.0352	1.0350	-0.0002	1	1	0.0000
2023-10-18T14:48:15	1	0	11	10	1	1.0519	1.0515	-0.0004	0.9613	0.9612	0.0001
2023-10-18T14:50:41	1	0	3	3	0	1.0428	1.0426	-0.0002	-0.9988	-0.9988	0.0000
2023-10-18T14:50:53	1	0	5	5	0	1.0223	1.0222	-0.0002	0.9779	0.9779	0.0000
2023-10-18T14:52:08	1	0	3	2	1	1.0474	1.0390	-0.0084	0.9947	0.9914	0.0033
2023-10-18T14:55:27	1	0	30	30	0	1.0477	1.0477	0.0000	0.9888	0.9887	0.0001
2023-10-18T14:57:43	1	0	4	4	0	1.0057	1.0057	-0.0001	-0.9976	-0.9976	0.0000
2023-10-18T15:00:59	6	0	58	57	1	1.0602	1.0596	-0.0006	0.9834	0.9822	0.0012
2023-10-18T15:02:36	1	0	1	0	1	1.0584	null	null	0.957	0.9569	0.0001
2023-10-18T15:04:00	1	0	22	21	1	1.0551	1.0550	-0.0001	0.9985	0.9985	0.0000
2023-10-18T15:05:12	1	0	27	25	2	1.0446	1.0446	0.0000	0.9888	0.9889	-0.0001
2023-10-18T15:05:53	2	0	7	7	0	1.0176	1.0168	-0.0008	-0.9944	-0.9955	0.0011
2023-10-18T15:12:43	3	0	2	1	1	1.0324	1.0321	-0.0003	0.9977	0.9975	0.0002

2023-10-18T15:13:55	1	0	3	3	0	1.0140	1.0138	-0.0003	0.9933	0.9933	0.0000
2023-10-18T15:16:00	1	0	4	4	0	1.0240	1.0237	-0.0003	0.9433	0.9417	0.0016
2023-10-18T15:25:46	1	0	1	1	0	1.0550	1.0550	0.0000	1	1	0.0000
2023-10-18T15:25:58	1	0	7	7	0	1.0184	1.0184	0.0000	0.9519	0.9519	0.0000
2023-10-18T15:38:36	1	0	2	2	0	1.0457	1.0457	0.0000	0.9943	0.9943	0.0000
2023-10-18T15:48:15	1	0	11	10	1	1.0440	1.0437	-0.0003	0.9027	0.9023	0.0004
2023-10-18T15:55:01	1	0	25	24	1	1.0512	1.0510	-0.0002	0.9665	0.9665	0.0000
2023-10-18T15:56:02	2	0	1	1	0	1.0339	1.0335	-0.0004	-0.9682	-0.9681	-0.0001
2023-10-18T16:08:58	1	0	236	233	3	1.0548	1.0548	0.0000	0.9863	0.9863	0.0000
2023-10-18T16:09:14	1	0	417	414	3	1.0634	1.0634	0.0000	-0.9762	-0.9761	-0.0001
2023-10-18T16:10:02	1	0	40	39	1	1.0527	1.0526	-0.0001	0.9754	0.9754	0.0000
2023-10-18T16:14:56	1	0	1	1	0	1.0389	1.0387	-0.0002	0.9832	0.9832	0.0000
2023-10-18T16:30:34	1	0	2	2	0	1.0251	1.0242	-0.0010	0.9964	0.9963	0.0001
2023-10-18T16:31:05	1	0	35	19	16	1.0560	1.0555	-0.0005	0.967	0.9867	-0.0197
2023-10-18T16:32:35	1	0	15	15	0	1.0328	1.0327	-0.0001	0.9833	0.9833	0.0000
2023-10-18T16:40:26	1	0	4	4	0	0.9534	0.9535	0.0000	0.9975	0.9975	0.0000
2023-10-18T16:41:05	1	0	1	2	-1	1.0251	1.0245	-0.0006	-0.9719	-0.9717	-0.0002
2023-10-18T17:25:07	1	0	41	40	1	1.0525	1.0524	-0.0001	0.9826	0.9826	0.0000
2023-10-19T07:50:06	1	0	28	27	1	0.9420	0.9420	0.0000	-0.9074	-0.9053	-0.0021
2023-10-19T08:06:36	1	0	73	69	4	1.0483	1.0482	-0.0001	0.9859	0.9856	0.0003
2023-10-19T08:09:27	1	0	61	60	1	0.9477	0.9477	0.0000	-0.9922	-0.9922	0.0000
2023-10-19T08:09:57	1	0	56	55	1	0.9163	0.9164	0.0000	0.9953	0.9956	-0.0003
2023-10-19T08:10:00	1	0	84	82	2	1.0555	1.0555	0.0000	0.9998	0.9998	0.0000
2023-10-19T08:13:28	2	0	4	4	0	1.0306	1.0301	-0.0006	-0.9794	-0.9795	0.0001
2023-10-19T08:14:00	1	0	49	49	0	1.0525	1.0525	-0.0001	-0.9278	-0.9273	-0.0005
2023-10-19T08:22:53	1	0	276	275	1	1.0625	1.0625	0.0000	-0.9814	-0.9813	-0.0001
2023-10-19T08:39:59	1	0	93	93	0	0.9069	0.9069	0.0000	0.9933	0.9939	-0.0006
2023-10-19T08:51:35	1	0	1	1	0	0.9427	0.9430	0.0003	-0.9998	-0.9998	0.0000
2023-10-19T08:55:28	1	0	1	1	0	1.0276	1.0271	-0.0005	-0.9836	-0.9833	-0.0003
2023-10-19T09:05:35	1	0	9	9	0	0.9929	0.9927	-0.0001	0.972	0.9719	0.0001
2023-10-19T09:07:56	2	0	396	396	0	1.0643	1.0642	-0.0001	-0.9784	-0.9784	0.0000
2023-10-19T09:09:12	2	0	124	107	17	1.0571	1.0566	-0.0005	0.9875	0.9872	0.0003
2023-10-19T09:12:26	1	0	2	2	0	1.0078	1.0076	-0.0002	0.9888	0.9887	0.0001
2023-10-19T09:14:30	1	0	3	3	0	0.9961	0.9961	-0.0001	0.9766	0.977	-0.0004
2023-10-19T09:23:16	4	0	551	533	18	1.0686	1.0686	0.0000	-0.9734	-0.9734	0.0000
2023-10-19T09:28:08	1	0	6	6	0	1.0292	1.0290	-0.0001	0.9972	0.9972	0.0000
2023-10-19T09:28:49	2	0	2	2	0	1.0263	1.0261	-0.0003	-0.9323	-0.9319	-0.0004
2023-10-19T09:30:00	1	0	88	87	1	1.0531	1.0530	0.0000	0.9891	0.9891	0.0000
2023-10-19T09:30:32	6	0	60	60	0	1.0677	1.0670	-0.0007	0.977	0.9928	-0.0158
2023-10-19T09:31:21	1	0	10	10	0	1.0336	1.0335	-0.0001	0.9896	0.9894	0.0002
2023-10-19T09:33:25	1	0	1	1	0	0.9387	0.9390	0.0003	0.9418	0.9422	-0.0004
2023-10-19T09:36:17	1	0	6	6	0	0.9885	0.9884	-0.0001	-0.9995	-0.9995	0.0000
2023-10-19T09:40:45	1	0	8	8	0	1.0158	1.0158	0.0000	-0.998	-0.998	0.0000
2023-10-19T09:45:31	1	0	1	1	0	0.8984	0.8987	0.0003	0.9886	0.9886	0.0000
2023-10-19T09:46:22	1	0	9	9	0	1.0331	1.0330	0.0000	0.9901	0.9898	0.0003
2023-10-19T09:46:38	1	0	1	1	0	1.0409	1.0405	-0.0004	-0.9997	-0.9997	0.0000
2023-10-19T09:48:26	4	0	7	7	0	0.9462	0.9464	0.0002	0.9217	0.9223	-0.0006
2023-10-19T09:48:32	2	0	110	105	5	0.9209	0.9216	0.0007	0.9997	0.9995	0.0002
2023-10-19T09:48:47	1	0	13	13	0	1.0490	1.0489	-0.0001	0.9987	0.9987	0.0000
2023-10-19T09:49:49	2	0	3	3	0	1.0385	1.0382	-0.0002	0.9799	0.9798	0.0001
2023-10-19T09:50:16	4	0	16	12	4	1.0446	1.0438	-0.0009	-1	-1	0.0000
2023-10-19T09:50:33	1	0	3	3	0	1.0369	1.0366	-0.0003	-0.9975	-0.9975	0.0000
2023-10-19T09:50:46	1	0	5	5	0	1.0396	1.0395	-0.0001	0.9932	0.9931	0.0001
2023-10-19T09:52:56	5	0	16	15	1	1.0345	1.0335	-0.0010	0.9999	0.9999	0.0000
2023-10-19T09:54:15	1	0	203	203	0	1.0634	1.0634	0.0000	0.9811	0.981	0.0001
2023-10-19T09:55:04	1	0	3	3	0	0.8499	0.8499	0.0000	0.9978	0.9979	-0.0001
2023-10-19T09:55:20	4	0	23	20	3	0.9548	0.9552	0.0005	0.9948	0.9841	0.0107
2023-10-19T09:58:35	1	0	20	20	0	1.0440	1.0439	-0.0001	-0.9873	-0.9874	0.0001
2023-10-19T09:58:54	1	0	3	3	0	1.0430	1.0428	-0.0002	-0.9262	-0.9263	0.0001
2023-10-19T09:59:07	1	0	88	88	0	1.0560	1.0559	0.0000	-0.9169	-0.9164	-0.0005
2023-10-19T10:00:02	2	0	77	76	1	1.0529	1.0529	0.0000	0.9883	0.9883	0.0000
2023-10-19T10:00:32	1	0	1	1	0	0.9023	0.9023	0.0000	0.9892	0.9892	0.0000
2023-10-19T10:01:23	1	0	9	9	0	1.0336	1.0335	-0.0001	0.9892	0.989	0.0002
2023-10-19T10:02:46	1	0	34	33	1	0.9651	0.9660	0.0009	0.9465	0.9466	-0.0001
2023-10-19T10:05:13	4	0	31	29	2	1.0536	1.0534	-0.0003	0.9729	0.9726	0.0003
2023-10-19T10:05:17	13	0	17	16	1	1.0457	1.0445	-0.0011	-1	-1	0.0000
2023-10-19T10:05:47	1	0	8	8	0	1.0436	1.0433	-0.0003	0.9928	0.9927	0.0001
2023-10-19T10:06:19	1	0	6	6	0	1.0124	1.0121	-0.0004	-0.9996	-0.9996	0.0000
2023-10-19T10:06:40	1	0	7	7	0	0.9936	0.9932	-0.0004	0.9631	0.9629	0.0002
2023-10-19T10:06:40	1	0	1	1	0	0.9401	0.9414	0.0013	-0.9998	-0.9996	-0.0002
2023-10-19T10:06:44	2	0	65	48	17	1.0500	1.0490	-0.0010	0.9823	0.9822	0.0001
2023-10-19T10:07:25	1	0	2	2	0	0.9847	0.9843	-0.0004	0.9974	0.9974	0.0000
2023-10-19T10:07:57	5	0	15	14	1	1.0334	1.0323	-0.0011	0.9998	0.9998	0.0000
2023-10-19T10:08:13	3	0	38	34	4	0.9400	0.9411	0.0011	0.9953	0.9955	-0.0002
2023-10-19T10:08:19	14	0	510	474	36	1.0620	1.0618	-0.0003	-0.973	-0.9735	0.0005
2023-10-19T10:09:16	1	0	205	204	1	1.0676	1.0661	-0.0015	0.992	0.9913	0.0007
2023-10-19T10:09:19	1	0	18	18	0	0.9917	0.9917	0.0000	0.9772	0.977	0.0002
2023-10-19T10:09:35	1	0	1	0	1	1.0554	null	null	-0.9916	-0.9916	0.0000
2023-10-19T10:10:05	1	0	3	3	0	0.8113	0.8133	0.0020	0.9987	0.9988	-0.0001
2023-10-19T10:10:33	2	0	1	1	0	1.0289	1.0270	-0.0019	-0.9828	-0.983	0.0002
2023-10-19T10:10:58	2	0	5	3	2	1.0341	1.0312	-0.0029	0.9955	0.9949	0.0006
2023-10-19T10:12:06	2	0	1	1	0	0.9970	0.9975	0.0005	-0.9729	-0.9727	-0.0002
2023-10-19T10:12:30	1	0	2	2	0	1.0098	1.0094	-0.0004	0.9882	0.9881	0.0001
2023-10-19T10:13:11	1	0	6	6	0	1.0285	1.0283	-0.0002	0.9972	0.9972	0.0000
2023-10-19T10:13:36	2	0	15	15	0	1.0463	1.0463	-0.0001	-0.9858	-0.9862	0.0004

2023-10-19T10:13:55	2	0	4	4	0	1.0367	1.0365	-0.0002	-0.9253	-0.9261	0.0008
2023-10-19T10:14:08	1	0	108	96	12	1.0565	1.0561	-0.0005	-0.8957	-0.8961	0.0004
2023-10-19T10:14:12	1	0	25	25	0	1.0461	1.0461	0.0000	-0.9943	-0.9944	0.0001
2023-10-19T10:14:34	1	0	3	3	0	0.9939	0.9937	-0.0002	0.9762	0.977	-0.0008
2023-10-19T10:16:40	1	0	1	1	0	1.0404	1.0398	-0.0006	-0.9999	-0.9999	0.0000
2023-10-19T10:16:55	1	0	7	7	0	1.0185	1.0184	-0.0001	0.9914	0.9916	-0.0002
2023-10-19T10:17:21	3	0	11	10	1	1.0477	1.0481	0.0004	-0.9307	-0.931	0.0003
2023-10-19T10:18:49	2	0	12	11	1	1.0518	1.0511	-0.0007	0.9979	0.9978	0.0001
2023-10-19T10:19:52	2	0	3	3	0	1.0263	1.0262	-0.0002	0.984	0.9838	0.0002
2023-10-19T10:19:59	2	0	48	48	0	0.9496	0.9496	0.0000	0.9924	0.9924	0.0000
2023-10-19T10:20:33	3	0	3	3	0	1.0167	1.0159	-0.0008	0.9972	0.9967	0.0005
2023-10-19T10:20:48	1	0	8	8	0	1.0425	1.0425	0.0000	0.9922	0.9921	0.0001
2023-10-19T10:22:35	1	0	2	2	0	1.0525	1.0522	-0.0002	0.992	0.9919	0.0001
2023-10-19T10:24:20	3	0	18	18	0	0.9913	0.9914	0.0000	0.976	0.9758	0.0002
2023-10-19T10:24:46	1	0	12	12	0	1.0199	1.0198	-0.0001	-0.9968	-0.9968	0.0000
2023-10-19T10:25:48	1	0	6	6	0	1.0016	1.0017	0.0001	-0.9973	-0.9972	-0.0001
2023-10-19T10:26:23	3	0	36	34	2	1.0513	1.0508	-0.0005	0.995	0.9949	0.0001
2023-10-19T10:27:07	2	0	1	1	0	0.9953	0.9958	0.0005	-0.9714	-0.9712	-0.0002
2023-10-19T10:27:12	1	0	4	2	2	1.0351	1.0326	-0.0025	0.9949	0.9946	0.0003
2023-10-19T10:30:18	1	0	1	1	0	0.9419	0.9425	0.0006	0.9976	0.9976	0.0000
2023-10-19T10:30:34	3	0	2	2	0	0.9777	0.9771	-0.0007	0.989	0.9887	0.0003
2023-10-19T10:30:36	1	0	2	2	0	1.0472	1.0463	-0.0010	0.9635	0.9854	-0.0219
2023-10-19T10:33:29	2	0	1	2	-1	0.9385	0.9968	0.0583	0.9341	0.9342	-0.0001
2023-10-19T10:33:38	2	0	35	28	7	0.9392	0.9400	0.0008	0.9993	0.9993	0.0000
2023-10-19T10:34:38	4	0	4	3	1	1.0453	1.0451	-0.0003	0.984	0.9834	0.0006
2023-10-19T10:35:14	2	0	11	10	1	1.0498	1.0509	0.0011	0.998	0.9979	0.0001
2023-10-19T10:35:17	2	0	51	43	8	0.9446	0.9450	0.0003	0.9932	0.9937	-0.0005
2023-10-19T10:35:34	2	0	4	4	0	1.0127	1.0124	-0.0002	0.9987	0.9984	0.0003
2023-10-19T10:36:19	1	0	27	26	1	1.0553	1.0552	-0.0001	0.9719	0.9717	0.0002
2023-10-19T10:40:10	1	0	9	9	0	1.0501	1.0500	-0.0001	-0.9999	-0.9999	0.0000
2023-10-19T10:41:35	1	0	2	2	0	1.0712	1.0707	-0.0005	-0.9973	-0.9973	0.0000
2023-10-19T10:42:58	1	0	5	2	3	1.0405	1.0091	-0.0314	0.9953	0.9949	0.0004
2023-10-19T10:45:14	3	0	2	2	0	1.0344	1.0335	-0.0009	0.997	0.9967	0.0003
2023-10-19T10:45:59	1	0	7	7	0	1.0420	1.0419	-0.0002	-0.9989	-0.9989	0.0000
2023-10-19T10:46:57	1	0	9	9	0	1.0211	1.0210	0.0000	0.9894	0.9894	0.0000
2023-10-19T10:47:18	1	0	1	1	0	1.0575	1.0566	-0.0009	0.9503	0.9501	0.0002
2023-10-19T10:48:30	4	0	10	8	2	0.9767	0.9563	-0.0204	0.9325	0.9327	-0.0002
2023-10-19T10:48:51	1	0	1	0	1	1.0292	null	null	-0.9981	-0.9982	0.0001
2023-10-19T10:50:35	1	0	3	3	0	1.0201	1.0198	-0.0003	0.996	0.9956	0.0004
2023-10-19T10:50:37	2	0	2	2	0	1.0351	1.0347	-0.0004	-0.9962	-0.9962	0.0000
2023-10-19T10:50:51	2	0	9	9	0	1.0495	1.0495	-0.0001	0.9927	0.9923	0.0004
2023-10-19T10:54:23	1	0	207	4	203	1.0698	1.0533	-0.0165	0.9857	0.9451	0.0406
2023-10-19T10:54:48	1	0	12	12	0	1.0268	1.0268	0.0000	-0.9971	-0.9971	0.0000
2023-10-19T10:56:42	1	0	13	12	1	1.0555	1.0554	-0.0001	0.9337	0.9337	0.0000
2023-10-19T10:58:39	3	0	11	10	1	1.0482	1.0473	-0.0009	-0.9835	-0.983	-0.0005
2023-10-19T10:59:04	5	0	4	3	1	1.0402	1.0255	-0.0147	0.995	0.9942	0.0008
2023-10-19T10:59:31	1	0	1	0	1	1.0553	null	null	0.9976	0.9976	0.0000
2023-10-19T11:00:29	2	0	1	1	0	1.0573	1.0568	-0.0005	0.9967	0.9967	0.0000
2023-10-19T11:00:38	6	0	1	0	1	1.0459	null	null	0.9374	0.9363	0.0011
2023-10-19T11:01:27	1	0	11	11	0	1.0369	1.0368	-0.0001	0.989	0.9887	0.0003
2023-10-19T11:01:36	2	0	3	3	0	1.0531	1.0529	-0.0003	-0.9641	-0.9655	0.0014
2023-10-19T11:02:19	1	0	97	97	0	0.9151	0.9210	0.0059	0.9538	0.9544	-0.0006
2023-10-19T11:02:56	1	0	6	5	1	1.0515	1.0501	-0.0014	0.9682	0.9681	0.0001
2023-10-19T11:03:39	1	0	3	3	0	1.0738	1.0737	-0.0001	0.9595	0.9594	0.0001
2023-10-19T11:05:04	2	0	2	0	2	1.0248	null	null	0.9244	0.922	0.0024
2023-10-19T11:05:36	1	0	4	4	0	1.0154	1.0153	-0.0001	0.9975	0.9971	0.0004
2023-10-19T11:06:21	2	0	43	42	1	1.0577	1.0576	-0.0001	0.9705	0.97	0.0005
2023-10-19T11:06:23	2	0	6	6	0	1.0146	1.0144	-0.0001	-0.9993	-0.9993	0.0000
2023-10-19T11:10:34	2	0	1	1	0	1.0564	1.0555	-0.0009	-0.9899	-0.9903	0.0004
2023-10-19T11:10:53	1	0	8	8	0	1.0202	1.0201	-0.0001	-0.9954	-0.9954	0.0000
2023-10-19T11:11:43	1	0	19	18	1	1.0588	1.0586	-0.0001	0.9283	0.9281	0.0002
2023-10-19T11:11:46	1	0	2	2	0	1.0308	1.0306	-0.0003	0.9821	0.982	0.0001
2023-10-19T11:14:12	1	0	92	91	1	1.0555	1.0555	0.0000	-0.8874	-0.8867	-0.0007
2023-10-19T11:14:23	1	0	1	1	0	1.0382	1.0382	0.0000	-0.9999	-0.9999	0.0000
2023-10-19T11:14:40	1	0	13	12	1	1.0535	1.0532	-0.0003	0.9662	0.9661	0.0001
2023-10-19T11:15:18	1	0	6	4	2	1.0400	1.0256	-0.0144	0.9942	0.9935	0.0007
2023-10-19T11:15:39	6	0	1	1	0	1.0473	1.0453	-0.0020	0.9376	0.9346	0.0030
2023-10-19T11:16:44	1	0	1	1	0	1.0561	1.0557	-0.0004	-0.9994	-0.9995	0.0001
2023-10-19T11:18:18	1	0	1	1	0	1.0560	1.0553	-0.0007	0.9625	0.9623	0.0002
2023-10-19T11:20:09	3	0	4	2	2	1.0538	1.0558	0.0021	-0.7464	-0.7478	0.0014
2023-10-19T11:21:24	1	0	6	6	0	1.0149	1.0151	0.0002	-0.9997	-0.9996	-0.0001
2023-10-19T11:23:14	1	0	3	3	0	0.9968	0.9967	-0.0001	0.9861	0.9864	-0.0003
2023-10-19T11:26:08	1	0	3	3	0	1.0265	1.0263	-0.0002	0.984	0.9838	0.0002
2023-10-19T11:26:27	2	0	21	19	2	1.0515	1.0509	-0.0005	0.9906	0.9905	0.0001
2023-10-19T11:26:44	1	0	26	25	1	1.0580	1.0580	0.0000	0.9302	0.9301	0.0001
2023-10-19T11:26:49	1	0	6	6	0	1.0323	1.0322	-0.0001	-0.9725	-0.9719	-0.0006
2023-10-19T11:27:32	2	0	84	83	1	1.1270	1.1279	0.0008	-0.9783	-0.9785	0.0002
2023-10-19T11:28:16	1	0	4	4	0	1.0321	1.0321	0.0000	0.9964	0.9964	0.0000
2023-10-19T11:28:41	9	0	46	43	3	1.0575	1.0565	-0.0009	-0.9788	-0.9791	0.0003
2023-10-19T11:30:02	1	0	13	13	0	1.0458	1.0458	0.0000	-0.9951	-0.9951	0.0000
2023-10-19T11:31:09	6	0	6	4	2	1.0543	1.0582	0.0039	0.9981	0.9977	0.0004
2023-10-19T11:31:38	2	0	1	1	0	1.0601	1.0601	0.0000	0.995	0.9951	-0.0001
2023-10-19T11:32:54	4	0	13	12	1	1.0432	1.0421	-0.0011	0.9649	0.9649	0.0000
2023-10-19T11:33:42	2	0	25	21	4	0.9399	0.9405	0.0005	0.9982	0.9982	0.0000
2023-10-19T11:35:00	3	0	18	16	2	1.0399	1.0387	-0.0013	0.9884	0.9885	-0.0001

2023-10-19T11:35:04	2	0	46	46	0	0.9375	0.9375	0.0000	0.9707	0.9708	-0.0001
2023-10-19T11:35:06	2	0	2	2	0	1.0335	1.0328	-0.0008	0.9173	0.915	0.0023
2023-10-19T11:35:27	2	0	3	3	0	1.0449	1.0446	-0.0003	-0.9997	-0.9998	0.0001
2023-10-19T11:39:42	1	0	8	8	0	0.9968	0.9967	-0.0001	0.9701	0.9701	0.0000
2023-10-19T11:40:14	1	0	6	6	0	1.0496	1.0496	0.0000	1	1	0.0000
2023-10-19T11:41:09	1	0	2	2	0	1.0341	1.0341	0.0000	0.9855	0.9855	0.0000
2023-10-19T11:44:34	1	0	1	1	0	1.0576	1.0571	-0.0005	0.9979	0.9979	0.0000
2023-10-19T11:44:42	1	0	12	11	1	1.0525	1.0522	-0.0003	0.9678	0.9678	0.0000
2023-10-19T11:46:39	2	0	1	1	0	1.0602	1.0602	0.0000	0.9937	0.9939	-0.0002
2023-10-19T11:47:03	6	0	5	4	1	1.0476	1.0372	-0.0105	0.998	0.9977	0.0003
2023-10-19T11:47:55	2	0	21	17	4	1.0297	1.0236	-0.0062	0.9546	0.9546	0.0000
2023-10-19T11:50:05	2	0	44	44	0	0.9205	0.9205	0.0000	0.9696	0.9697	-0.0001
2023-10-19T11:50:11	4	0	1	0	1	1.0552	null	null	-0.7298	-0.7287	-0.0011
2023-10-19T11:56:10	1	0	2	2	0	1.0317	1.0317	0.0000	0.9839	0.9839	0.0000
2023-10-19T11:56:29	2	0	19	20	-1	1.0498	1.0491	-0.0007	0.9921	0.9921	0.0000
2023-10-19T11:56:39	1	0	5	5	0	1.0574	1.0574	-0.0001	0.996	0.9958	0.0002
2023-10-19T11:56:55	1	0	19	19	0	0.9373	0.9373	0.0000	-0.9812	-0.9805	-0.0007
2023-10-19T11:58:18	1	0	4	4	0	1.0321	1.0321	0.0000	0.9968	0.9968	0.0000
2023-10-19T12:00:10	1	0	39	38	1	1.0518	1.0517	-0.0002	0.9868	0.9868	0.0000
2023-10-19T12:01:40	2	0	1	1	0	1.0625	1.0625	0.0000	0.9928	0.993	-0.0002
2023-10-19T12:02:59	6	0	7	5	2	1.0482	1.0504	0.0022	0.9937	0.9935	0.0002
2023-10-19T12:04:44	3	0	6	6	0	1.0499	1.0480	-0.0019	0.9823	0.9827	-0.0004
2023-10-19T12:05:02	2	0	3	2	1	1.0311	1.0264	-0.0047	0.9886	0.9888	-0.0002
2023-10-19T12:05:06	2	0	45	45	0	0.9313	0.9313	0.0000	0.9725	0.9726	-0.0001
2023-10-19T12:11:11	1	0	2	2	0	1.0303	1.0303	0.0000	0.9823	0.9823	0.0000
2023-10-19T12:11:39	2	0	3	3	0	1.0028	1.0025	-0.0003	0.9953	0.9953	0.0000
2023-10-19T12:11:45	2	0	3	2	1	1.0589	1.0582	-0.0006	-0.9889	-0.9889	0.0000
2023-10-19T12:13:19	1	0	4	4	0	1.0301	1.0299	-0.0002	0.9894	0.9898	-0.0004
2023-10-19T12:14:36	1	0	1	0	1	1.0610	null	null	0.9971	0.997	0.0001
2023-10-19T12:17:57	2	0	12	11	1	1.0451	1.0442	-0.0009	0.9588	0.9588	0.0000
2023-10-19T12:18:41	1	0	6	4	2	1.0567	1.0602	0.0036	0.9949	0.9946	0.0003
2023-10-19T12:26:31	3	0	9	10	-1	1.0516	1.0520	0.0004	0.9896	0.9896	0.0000
2023-10-19T12:43:21	1	0	2	2	0	1.0299	1.0299	0.0000	0.9785	0.9787	-0.0002
2023-10-19T12:50:05	2	0	6	6	0	1.0420	1.0420	0.0000	0.9895	0.9896	-0.0001
2023-10-19T12:55:06	1	0	6	6	0	1.0036	1.0036	-0.0001	0.9662	0.9662	0.0000
2023-10-19T12:57:08	2	0	2	3	-1	1.0583	1.0582	-0.0002	-0.9891	-0.9889	-0.0002
2023-10-19T13:00:11	1	0	23	23	0	1.0447	1.0446	-0.0001	0.999	0.999	0.0000
2023-10-19T13:01:07	1	0	23	22	1	1.0547	1.0547	0.0000	0.9481	0.948	0.0001
2023-10-19T13:03:04	2	0	10	10	0	1.0524	1.0523	-0.0001	0.9621	0.962	0.0001
2023-10-19T13:03:43	2	0	6	7	-1	1.0486	1.0498	0.0012	0.9958	0.9957	0.0001
2023-10-19T13:04:00	1	0	6	6	0	1.0495	1.0495	0.0000	-0.9978	-0.9977	-0.0001
2023-10-19T13:05:06	1	0	8	8	0	1.0410	1.0409	-0.0001	0.9815	0.9815	0.0000
2023-10-19T13:05:33	2	0	2	2	0	1.0490	1.0490	0.0000	1	1	0.0000
2023-10-19T13:11:15	1	0	2	2	0	1.0341	1.0341	0.0000	0.9833	0.9832	0.0001
2023-10-19T13:20:07	2	0	8	9	-1	1.0478	1.0479	0.0001	0.9837	0.9839	-0.0002
2023-10-19T13:28:24	1	0	7	7	0	1.0300	1.0299	-0.0001	0.9785	0.9784	0.0001
2023-10-19T13:28:49	3	0	21	18	3	1.0453	1.0467	0.0014	-0.9814	-0.9811	-0.0003
2023-10-19T13:30:48	1	0	4	4	0	1.0338	1.0337	-0.0001	0.9325	0.9696	-0.0371
2023-10-19T13:32:40	1	0	2	2	0	1.0158	1.0153	-0.0005	0.9771	0.9767	0.0004
2023-10-19T13:35:08	1	0	17	14	3	1.0426	1.0414	-0.0012	0.9879	0.9878	0.0001
2023-10-19T13:35:18	2	0	13	13	0	1.0526	1.0518	-0.0008	-0.7081	-0.7071	-0.0010
2023-10-19T13:46:10	2	0	28	27	1	1.0567	1.0567	0.0000	0.944	0.9436	0.0004
2023-10-19T13:50:13	2	0	48	48	0	0.9482	0.9482	0.0000	0.9678	0.9678	0.0000
2023-10-19T13:50:15	3	0	22	22	0	0.9385	0.9388	0.0002	0.8874	0.8879	-0.0005
2023-10-19T13:50:19	1	0	21	19	2	1.0525	1.0519	-0.0005	-0.7118	-0.7117	-0.0001
2023-10-19T13:56:39	1	0	351	351	0	1.0640	1.0640	0.0000	0.9369	0.9362	0.0007
2023-10-19T14:00:41	1	0	1	1	0	1.0453	1.0452	-0.0001	0.9853	0.9855	-0.0002
2023-10-19T14:04:52	4	0	5	7	-2	1.0481	1.0474	-0.0007	0.9833	0.9836	-0.0003
2023-10-19T14:05:16	2	0	2	2	0	1.0068	1.0065	-0.0003	0.9237	0.9216	0.0021
2023-10-19T14:05:17	2	0	5	3	2	1.0591	1.0584	-0.0007	0.9941	0.9936	0.0005
2023-10-19T14:05:20	4	0	8	8	0	1.0510	1.0508	-0.0002	-0.7264	-0.7269	0.0005
2023-10-19T14:05:25	2	0	4	3	1	1.0432	1.0456	0.0025	-0.9994	-0.9994	0.0000
2023-10-19T14:05:29	2	0	10	10	0	1.0399	1.0399	0.0000	0.9826	0.9826	0.0000
2023-10-19T14:05:37	2	0	2	2	0	1.0475	1.0472	-0.0003	-0.9999	-0.9999	0.0000
2023-10-19T14:10:08	1	0	2	2	0	0.9735	0.9734	-0.0001	0.9986	0.9986	0.0000
2023-10-19T14:10:32	1	0	6	6	0	1.0062	1.0062	0.0000	0.9674	0.9675	-0.0001
2023-10-19T14:11:38	1	0	13	12	1	1.0522	1.0518	-0.0004	0.9893	0.9893	0.0000
2023-10-19T14:13:27	1	0	7	7	0	1.0302	1.0301	-0.0001	0.9789	0.9789	0.0000
2023-10-19T14:13:53	3	0	21	21	0	1.0460	1.0458	-0.0003	-0.9772	-0.9774	0.0002
2023-10-19T14:15:13	1	0	32	32	0	1.0464	1.0463	0.0000	-0.9913	-0.9913	0.0000
2023-10-19T14:18:45	6	0	3	6	-3	0.9884	1.0055	0.0172	0.9334	0.9344	-0.0010
2023-10-19T14:18:52	1	0	27	27	0	1.0540	1.0539	-0.0001	0.9962	0.9961	0.0001
2023-10-19T14:18:53	2	0	7	8	-1	0.9408	0.9413	0.0004	0.9963	0.9962	0.0001
2023-10-19T14:19:05	1	0	6	6	0	1.0444	1.0444	0.0000	-0.9982	-0.9982	0.0000
2023-10-19T14:19:08	2	0	341	339	2	1.0650	1.0650	0.0000	-0.9842	-0.9891	0.0049
2023-10-19T14:19:53	7	0	7	7	0	1.0479	1.0476	-0.0003	0.985	0.9845	0.0005
2023-10-19T14:20:15	2	0	45	45	0	0.9262	0.9262	0.0000	0.9694	0.9693	0.0001
2023-10-19T14:20:17	2	0	3	3	0	1.0280	1.0275	-0.0005	0.9319	0.9317	0.0002
2023-10-19T14:20:21	4	0	8	8	0	1.0510	1.0508	-0.0001	-0.7514	-0.7517	0.0003
2023-10-19T14:20:30	2	0	10	10	0	1.0411	1.0410	-0.0001	0.9857	0.9858	-0.0001
2023-10-19T14:20:38	2	0	3	3	0	1.0505	1.0504	-0.0001	-0.9994	-0.9994	0.0000
2023-10-19T14:21:06	2	0	2	1	1	1.0670	1.0593	-0.0077	0.9934	0.9926	0.0008
2023-10-19T14:25:25	1	0	15	15	0	1.0539	1.0539	0.0000	-0.9998	-0.9998	0.0000
2023-10-19T14:25:57	1	0	6	6	0	1.0065	1.0064	-0.0001	0.9684	0.9682	0.0002
2023-10-19T14:27:37	2	0	1	1	0	1.0592	1.0586	-0.0006	-0.9866	-0.99	0.0034

2023-10-19T14:28:13	2	0	8	8	0	1.0449	1.0448	-0.0001	-1	1	0.0000
2023-10-19T14:28:28	1	0	7	7	0	1.0296	1.0296	-0.0001	0.9789	0.9789	0.0000
2023-10-19T14:28:54	3	0	14	14	0	1.0455	1.0452	-0.0003	-0.9751	-0.9753	0.0002
2023-10-19T14:30:53	5	0	4	4	0	1.0310	1.0309	-0.0001	0.9677	0.9673	0.0004
2023-10-19T14:30:53	1	0	22	22	0	1.0465	1.0465	0.0000	-0.9919	-0.9919	0.0000
2023-10-19T14:31:13	2	0	20	20	0	1.0515	1.0516	0.0002	0.9395	0.937	0.0025
2023-10-19T14:31:58	1	0	4	4	0	1.0371	1.0370	-0.0001	1	1	0.0000
2023-10-19T14:33:46	2	0	3	1	2	1.0205	0.9428	-0.0777	0.9374	0.9369	0.0005
2023-10-19T14:33:54	2	0	19	18	1	0.9407	0.9408	0.0002	0.999	0.999	0.0000
2023-10-19T14:34:06	1	0	6	6	0	1.0452	1.0452	0.0000	-0.9977	-0.9977	0.0000
2023-10-19T14:34:54	4	0	6	6	0	1.0463	1.0462	-0.0001	0.9864	0.9862	0.0002
2023-10-19T14:35:16	2	0	45	45	0	0.9287	0.9287	0.0000	0.9672	0.9672	0.0000
2023-10-19T14:35:18	2	0	2	2	0	1.0074	1.0071	-0.0003	0.9214	0.9192	0.0022
2023-10-19T14:35:22	4	0	9	9	0	1.0524	1.0523	-0.0001	-0.7735	-0.7737	0.0002
2023-10-19T14:35:30	1	0	24	23	1	1.0519	1.0518	-0.0001	0.9971	0.9971	0.0000
2023-10-19T14:35:31	2	0	10	10	0	1.0449	1.0449	0.0000	0.9842	0.9842	0.0000
2023-10-19T14:35:35	5	0	16	16	0	1.0496	1.0496	0.0000	0.9986	0.9983	0.0003
2023-10-19T14:35:39	2	0	3	3	0	1.0511	1.0510	-0.0001	-0.9993	-0.9993	0.0000
2023-10-19T14:36:37	1	0	5	5	0	1.0346	1.0345	-0.0001	-0.9938	-0.9938	0.0000
2023-10-19T14:37:00	3	0	3	2	1	1.0474	1.0361	-0.0113	0.9947	0.9942	0.0005
2023-10-19T14:39:10	1	0	338	335	3	1.0622	1.0622	0.0000	-0.9704	-0.9703	-0.0001
2023-10-19T14:40:26	1	0	14	14	0	1.0503	1.0503	0.0000	-0.9995	-0.9995	0.0000
2023-10-19T14:40:55	1	0	5	5	0	1.0248	1.0242	-0.0006	0.9634	0.968	-0.0046
2023-10-19T14:41:37	1	0	7	7	0	1.0070	1.0068	-0.0002	0.9687	0.9686	0.0001
2023-10-19T14:43:14	3	0	10	10	0	1.0395	1.0392	-0.0003	-0.9993	-0.9994	0.0001
2023-10-19T14:43:29	1	0	8	8	0	1.0309	1.0309	0.0000	0.9776	0.9776	0.0000
2023-10-19T14:43:50	1	0	7	7	0	1.0447	1.0445	-0.0002	0.9915	0.9915	0.0000
2023-10-19T14:43:55	3	0	17	17	0	1.0420	1.0419	-0.0001	-0.978	-0.978	0.0000
2023-10-19T14:43:56	1	0	2	1	1	1.0598	1.0550	-0.0048	0.9563	0.9558	0.0005
2023-10-19T14:45:18	1	0	20	20	0	1.0461	1.0461	0.0000	0.9991	0.9991	0.0000
2023-10-19T14:45:54	1	0	32	32	0	1.0473	1.0473	0.0000	-0.9922	-0.9922	0.0000
2023-10-19T14:46:14	1	0	21	21	0	1.0526	1.0526	0.0000	0.9401	0.9392	0.0009
2023-10-19T14:48:07	1	0	13	13	0	1.0347	1.0346	-0.0001	0.9585	0.9584	0.0001
2023-10-19T14:48:53	1	0	30	30	0	1.0562	1.0562	0.0000	0.9978	0.9978	0.0000
2023-10-19T14:49:10	1	0	462	458	4	1.0604	1.0604	0.0000	-0.9867	-0.9869	0.0002
2023-10-19T14:50:23	1	0	15	15	0	1.0510	1.0509	-0.0001	-0.7435	-0.7434	-0.0001
2023-10-19T14:50:36	1	0	21	20	1	1.0510	1.0506	-0.0004	0.9993	0.9993	0.0000
2023-10-19T14:52:54	1	0	5	3	2	1.0585	1.0561	-0.0024	0.9959	0.9952	0.0007
2023-10-19T14:56:22	1	0	2	2	0	1.0181	1.0179	-0.0002	0.9788	0.9786	0.0002
2023-10-19T14:57:39	1	0	1	1	0	1.0592	1.0591	-0.0001	-0.992	-0.9919	-0.0001
2023-10-19T15:01:41	1	0	6	6	0	1.0397	1.0392	-0.0005	0.9724	0.9723	0.0001
2023-10-19T15:03:48	2	0	2	3	-1	0.9372	0.9765	0.0393	0.9339	0.934	-0.0001
2023-10-19T15:05:29	2	0	3	3	0	1.0421	1.0419	-0.0002	-1	-1	0.0000
2023-10-19T15:11:57	2	0	4	4	0	1.0504	1.0499	-0.0004	0.9972	0.9971	0.0001
2023-10-19T15:12:08	1	0	40	41	-1	1.0488	1.0487	-0.0001	-0.9979	-0.9979	0.0000
2023-10-19T15:13:29	1	0	99	98	1	1.0539	1.0538	0.0000	-0.9953	-0.9953	0.0000
2023-10-19T15:15:02	1	0	1	1	0	1.0283	1.0278	-0.0005	0.9583	0.9582	0.0001
2023-10-19T15:16:42	1	0	5	5	0	1.0338	1.0336	-0.0001	0.9713	0.9702	0.0011
2023-10-19T15:19:18	1	0	19	19	0	1.0442	1.0441	-0.0001	0.9635	0.9635	0.0000
2023-10-19T15:20:33	1	0	82	82	0	1.0535	1.0535	0.0000	0.9969	0.9963	0.0006
2023-10-19T15:20:51	1	0	3	3	0	1.0215	1.0214	-0.0001	0.9832	0.9832	0.0000
2023-10-19T15:22:46	1	0	10	10	0	1.0484	1.0483	-0.0001	0.9997	0.9997	0.0000
2023-10-19T15:24:13	2	0	398	396	2	1.0623	1.0623	0.0000	-0.9671	-0.9669	-0.0002
2023-10-19T15:26:57	3	0	14	13	1	1.0533	1.0531	-0.0002	0.9998	0.9998	0.0000
2023-10-19T15:28:32	1	0	1	1	0	1.0560	1.0559	-0.0001	-0.99	-0.9899	-0.0001
2023-10-19T15:31:18	1	0	10	10	0	1.0462	1.0460	-0.0002	-0.9974	-0.9974	0.0000
2023-10-19T15:33:58	4	0	1	0	1	1.0254	null	null	-1	-1	0.0000
2023-10-19T15:35:57	1	0	5	5	0	1.0397	1.0397	0.0000	-0.9937	-0.9936	-0.0001
2023-10-19T15:44:30	1	0	217	213	4	1.0609	1.0609	0.0000	-0.8784	-0.8793	0.0009
2023-10-19T15:45:41	1	0	73	72	1	1.0540	1.0539	0.0000	0.9849	0.9849	0.0000
2023-10-19T15:54:15	6	0	588	582	6	1.0624	1.0624	0.0000	-0.9697	-0.9698	0.0001
2023-10-19T15:54:37	2	0	3	3	0	1.0315	1.0313	-0.0003	0.9993	0.9992	0.0001
2023-10-19T15:54:59	3	0	52	51	1	1.0523	1.0521	-0.0002	0.9758	0.9756	0.0002
2023-10-19T15:58:32	1	0	130	129	1	1.0556	1.0556	0.0000	-0.9937	-0.9937	0.0000
2023-10-19T16:03:12	1	0	3	3	0	1.0358	1.0353	-0.0005	0.9013	0.901	0.0003
2023-10-19T16:03:53	1	0	4	4	0	1.0127	1.0121	-0.0006	0.9518	0.9513	0.0005
2023-10-19T16:09:38	1	0	3	3	0	1.0150	1.0139	-0.0011	0.9985	0.9983	0.0002
2023-10-19T16:10:00	2	0	60	58	2	1.0535	1.0534	-0.0001	0.9771	0.977	0.0001
2023-10-19T16:11:01	1	0	2	2	0	1.0181	1.0180	-0.0002	0.9624	0.9572	0.0052
2023-10-19T16:11:14	1	0	9	10	-1	1.0264	1.0273	0.0008	0.9907	0.9907	0.0000
2023-10-19T16:18:54	1	0	2	2	0	0.9427	0.9428	0.0002	0.9462	0.9469	-0.0007
2023-10-19T16:50:27	1	0	16	16	0	0.9406	0.9407	0.0001	0.9005	0.9004	0.0001
2023-10-19T17:14:36	1	0	243	242	1	1.0625	1.0625	0.0000	-0.8899	-0.8895	-0.0004
2023-10-19T17:15:47	1	0	111	111	0	1.0547	1.0547	0.0000	0.9847	0.9848	-0.0001
2023-10-20T08:10:19	1	0	134	133	1	1.0573	1.0573	0.0000	-0.9997	-0.9997	0.0000
2023-10-20T08:13:26	2	0	4	4	0	1.0318	1.0315	-0.0002	-0.9883	-0.9883	0.0000
2023-10-20T08:18:20	1	0	10	10	0	0.9436	0.9438	0.0002	0.9398	0.9398	0.0000
2023-10-20T08:21:35	1	0	53	50	3	1.0492	1.0490	-0.0002	0.9902	0.9901	0.0001
2023-10-20T08:25:28	1	0	3	3	0	1.0317	1.0317	0.0000	-0.9578	-0.9574	-0.0004
2023-10-20T08:34:47	1	0	28	28	0	0.9380	0.9381	0.0000	0.8899	0.8898	0.0001
2023-10-20T08:51:34	1	0	1	1	0	0.9386	0.9390	0.0004	1	1	0.0000
2023-10-20T08:54:56	1	0	84	80	4	0.9376	0.9377	0.0001	0.9941	0.9939	0.0002
2023-10-20T08:58:29	1	0	4	4	0	1.0327	1.0326	-0.0001	-0.986	-0.986	0.0000
2023-10-20T09:05:36	1	0	6	6	0	1.0069	1.0068	-0.0001	0.9749	0.9749	0.0000
2023-10-20T09:08:03	4	0	388	382	6	1.0620	1.0616	-0.0004	-0.9781	-0.9782	0.0001

2023-10-20T09:12:31	1	0	2	2	0	1.0091	1.0089	-0.0002	0.9895	0.9894	0.0001
2023-10-20T09:18:10	1	0	6	6	0	1.0043	1.0043	-0.0001	0.9859	0.986	-0.0001
2023-10-20T09:20:13	2	0	22	21	1	1.0356	1.0356	0.0000	0.9941	0.994	0.0001
2023-10-20T09:24:10	2	0	7	7	0	1.0484	1.0480	-0.0003	0.9938	0.9936	0.0002
2023-10-20T09:25:15	1	0	1	1	0	1.0274	1.0270	-0.0004	0.9904	0.9903	0.0001
2023-10-20T09:29:57	1	0	110	109	1	1.0520	1.0519	0.0000	0.9937	0.9937	0.0000
2023-10-20T09:31:17	1	0	12	12	0	1.0350	1.0349	-0.0001	0.9889	0.9887	0.0002
2023-10-20T09:32:43	1	0	1	1	0	1.0398	1.0394	-0.0004	0.9128	0.9125	0.0003
2023-10-20T09:33:25	1	0	9	9	0	1.0179	1.0177	-0.0002	0.9604	0.9602	0.0002
2023-10-20T09:35:14	4	0	20	16	4	1.0307	1.0303	-0.0004	0.9964	0.9963	0.0001
2023-10-20T09:43:52	2	0	3	3	0	1.0343	1.0342	-0.0002	-0.9828	-0.9831	0.0003
2023-10-20T09:44:58	2	0	117	114	3	1.0520	1.0519	-0.0001	0.9946	0.9946	0.0000
2023-10-20T09:45:32	1	0	1	1	0	0.9137	0.9140	0.0003	0.9937	0.9938	-0.0001
2023-10-20T09:45:51	1	0	12	12	0	1.0441	1.0441	0.0000	-0.9968	-0.9968	0.0000
2023-10-20T09:46:51	1	0	15	15	0	1.0288	1.0288	-0.0001	0.99	0.9901	-0.0001
2023-10-20T09:48:12	1	0	4	4	0	1.0056	1.0056	0.0000	0.9861	0.9863	-0.0002
2023-10-20T09:48:31	1	0	1	1	0	0.9429	0.9433	0.0004	-0.9992	-0.9992	0.0000
2023-10-20T09:49:54	3	0	2	0	2	1.0022	null	null	0.9109	0.9105	0.0004
2023-10-20T09:50:11	2	0	14	14	0	1.0491	1.0488	-0.0003	0.9211	0.9206	0.0005
2023-10-20T09:50:15	1	0	29	29	0	1.0398	1.0398	0.0000	0.9959	0.9959	0.0000
2023-10-20T09:50:39	1	0	2	2	0	1.0519	1.0518	-0.0002	0.9988	0.9987	0.0001
2023-10-20T09:52:56	4	0	6	6	0	1.0232	1.0228	-0.0004	0.9998	0.9998	0.0000
2023-10-20T09:53:06	10	0	665	641	24	1.0671	1.0670	-0.0001	-0.972	-0.9723	0.0003
2023-10-20T09:55:00	1	0	153	153	0	0.9325	0.9325	0.0000	0.9881	0.9878	0.0003
2023-10-20T09:55:32	1	0	2	2	0	1.0202	1.0200	-0.0001	0.9603	0.9601	0.0002
2023-10-20T09:58:53	1	0	4	4	0	1.0389	1.0387	-0.0001	-0.9838	-0.9839	0.0001
2023-10-20T09:59:59	2	0	139	137	2	1.0524	1.0523	0.0000	0.9948	0.9948	0.0000
2023-10-20T10:00:54	1	0	14	14	0	1.0431	1.0431	0.0000	-0.9977	-0.9976	-0.0001
2023-10-20T10:03:50	1	0	18	18	0	1.0505	1.0501	-0.0004	0.9992	0.9992	0.0000
2023-10-20T10:05:12	2	0	13	13	0	1.0482	1.0481	-0.0002	0.9191	0.9188	0.0003
2023-10-20T10:05:16	16	0	36	33	3	1.0423	1.0411	-0.0011	0.9963	0.9957	0.0006
2023-10-20T10:05:40	2	0	3	3	0	1.0470	1.0468	-0.0002	0.9986	0.9984	0.0002
2023-10-20T10:06:39	1	0	13	10	3	0.9412	0.9415	0.0003	0.9925	0.9929	-0.0004
2023-10-20T10:07:29	3	0	2	2	0	1.0406	1.0399	-0.0007	-0.9804	-0.9809	0.0005
2023-10-20T10:07:41	1	0	6	6	0	1.0059	1.0057	-0.0002	0.978	0.9778	0.0002
2023-10-20T10:08:33	4	0	7	7	0	1.0221	1.0217	-0.0004	0.9999	0.9999	0.0000
2023-10-20T10:09:02	15	0	569	556	13	1.0648	1.0646	-0.0002	-0.9691	-0.9695	0.0004
2023-10-20T10:09:13	2	0	5	5	0	1.0509	1.0502	-0.0007	0.9852	0.9845	0.0007
2023-10-20T10:09:13	1	0	19	19	0	0.9996	0.9996	0.0000	0.9772	0.977	0.0002
2023-10-20T10:10:01	1	0	10	10	0	0.9465	0.9467	0.0002	0.9931	0.9932	-0.0001
2023-10-20T10:10:27	3	0	27	25	2	1.0535	1.0532	-0.0003	-0.9999	-0.9999	0.0000
2023-10-20T10:10:33	1	0	5	5	0	1.0220	1.0217	-0.0003	0.9589	0.9585	0.0004
2023-10-20T10:12:35	1	0	2	2	0	1.0073	1.0070	-0.0004	0.988	0.9879	0.0001
2023-10-20T10:13:54	2	0	4	4	0	1.0386	1.0384	-0.0001	-0.9846	-0.985	0.0004
2023-10-20T10:14:05	1	0	325	313	12	1.0610	1.0607	-0.0003	-0.8754	-0.8766	0.0012
2023-10-20T10:14:10	1	0	38	38	0	1.0478	1.0477	0.0000	-0.9947	-0.9948	0.0001
2023-10-20T10:15:34	5	0	2	2	0	1.0502	1.0474	-0.0028	0.9406	0.9375	0.0031
2023-10-20T10:15:34	1	0	1	1	0	0.9120	0.9124	0.0004	0.9917	0.9917	0.0000
2023-10-20T10:15:54	1	0	14	14	0	1.0462	1.0461	-0.0002	-0.9966	-0.9966	0.0000
2023-10-20T10:16:20	2	0	10	10	0	1.0348	1.0346	-0.0002	0.9898	0.9893	0.0005
2023-10-20T10:16:57	2	0	6	6	0	1.0170	1.0170	0.0000	0.9861	0.9862	-0.0001
2023-10-20T10:17:34	1	0	1	1	0	1.0123	1.0115	-0.0008	0.9911	0.9908	0.0003
2023-10-20T10:18:28	2	0	1	2	-1	0.9444	0.9998	0.0554	0.9434	0.9436	-0.0002
2023-10-20T10:18:33	1	0	1	1	0	0.9415	0.9424	0.0009	0.9999	1	-0.0001
2023-10-20T10:19:51	2	0	5	5	0	1.0401	1.0400	-0.0002	0.9877	0.9877	0.0000
2023-10-20T10:19:56	2	0	1	1	0	1.0118	1.0105	-0.0013	0.9242	0.9218	0.0024
2023-10-20T10:20:14	3	0	6	5	1	1.0538	1.0549	0.0011	0.9993	0.9992	0.0001
2023-10-20T10:20:15	1	0	1	1	0	0.9440	0.9449	0.0009	0.9914	0.9917	-0.0003
2023-10-20T10:20:34	2	0	3	3	0	1.0391	1.0387	-0.0004	-0.9957	-0.9958	0.0001
2023-10-20T10:24:14	3	0	16	16	0	1.0084	1.0084	-0.0001	0.9712	0.971	0.0002
2023-10-20T10:24:46	1	0	4	4	0	1.0179	1.0178	0.0000	-0.9999	-0.9999	0.0000
2023-10-20T10:24:50	1	0	2	1	1	1.0559	1.0559	0.0000	-0.994	-0.992	-0.0020
2023-10-20T10:25:36	2	0	2	2	0	1.0303	1.0296	-0.0008	-0.9713	-0.9718	0.0005
2023-10-20T10:26:05	3	0	2	2	0	1.0413	1.0407	-0.0006	0.9942	0.9942	0.0000
2023-10-20T10:26:44	1	0	70	70	0	1.0508	1.0508	0.0000	-0.997	-0.997	0.0000
2023-10-20T10:30:34	2	0	46	46	0	0.9281	0.9281	0.0000	0.9903	0.9902	0.0001
2023-10-20T10:31:58	1	0	12	12	0	1.0311	1.0311	0.0000	0.9883	0.9884	-0.0001
2023-10-20T10:33:32	1	0	61	57	4	1.0547	1.0545	-0.0001	-0.9875	-0.9878	0.0003
2023-10-20T10:33:34	1	0	18	19	-1	1.0541	1.0541	0.0000	0.9973	0.9973	0.0000
2023-10-20T10:39:03	1	0	509	505	4	1.0633	1.0633	-0.0001	-0.9718	-0.9717	-0.0001
2023-10-20T10:40:45	1	0	6	6	0	1.0237	1.0237	-0.0001	0.9999	1	-0.0001
2023-10-20T10:41:45	3	0	82	81	1	1.0513	1.0512	-0.0001	-0.9962	-0.9963	0.0001
2023-10-20T10:47:24	1	0	97	2	95	0.9143	1.0381	0.1238	0.9675	0.9687	-0.0012
2023-10-20T10:48:35	2	0	104	102	2	0.9198	0.9200	0.0002	-1	-1	0.0000
2023-10-20T10:50:43	2	0	8	8	0	1.0428	1.0426	-0.0003	0.9973	0.9971	0.0002
2023-10-20T10:51:18	1	0	25	23	2	1.0525	1.0521	-0.0004	0.9981	0.9981	0.0000
2023-10-20T10:52:27	2	0	10	9	1	1.0420	1.0427	0.0007	0.9939	0.9938	0.0001
2023-10-20T10:52:35	1	0	13	12	1	1.0480	1.0473	-0.0007	0.9948	0.9947	0.0001
2023-10-20T10:54:48	1	0	5	5	0	1.0205	1.0204	-0.0001	-0.9999	-0.9999	0.0000
2023-10-20T10:55:05	1	0	6	6	0	1.0386	1.0381	-0.0005	-0.9917	-0.9918	0.0001
2023-10-20T10:55:30	1	0	80	78	2	1.0558	1.0558	0.0000	-0.9999	-0.9999	0.0000
2023-10-20T10:58:07	2	0	7	3	4	1.0485	1.0453	-0.0032	0.994	0.9932	0.0008
2023-10-20T11:01:03	1	0	3	3	0	1.0594	1.0591	-0.0003	0.9566	0.9557	0.0009
2023-10-20T11:01:20	2	0	1	1	0	1.0088	1.0082	-0.0006	0.9384	0.9377	0.0007
2023-10-20T11:01:23	1	0	9	9	0	1.0349	1.0348	-0.0001	0.9903	0.99	0.0003

2023-10-20T11:02:45	1	0	22	20	2	0.9708	0.9735	0.0027	0.9434	0.9433	0.0001
2023-10-20T11:02:50	1	0	2	1	1	1.0350	1.0339	-0.0011	0.9076	0.9069	0.0007
2023-10-20T11:03:17	1	0	4	4	0	1.0059	1.0058	-0.0001	0.9819	0.9823	-0.0004
2023-10-20T11:03:31	1	0	3	2	1	1.0589	1.0554	-0.0035	0.9588	0.9581	0.0007
2023-10-20T11:05:16	2	0	15	14	1	1.0483	1.0484	0.0001	0.9136	0.9128	0.0008
2023-10-20T11:05:20	14	0	30	27	3	1.0439	1.0447	0.0008	0.998	0.9979	0.0001
2023-10-20T11:06:46	2	0	30	25	5	1.0498	1.0482	-0.0016	0.989	0.9889	0.0001
2023-10-20T11:09:05	2	0	346	344	2	1.0620	1.0620	0.0000	-0.976	-0.976	0.0000
2023-10-20T11:10:37	1	0	1	1	0	1.0151	1.0141	-0.0010	0.9562	0.95	0.0062
2023-10-20T11:10:37	1	0	6	6	0	1.0168	1.0163	-0.0005	-0.9983	-0.9983	0.0000
2023-10-20T11:11:38	2	0	2	2	0	1.0017	1.0007	-0.0010	0.9951	0.9949	0.0002
2023-10-20T11:11:38	1	0	3	3	0	1.0669	1.0666	-0.0003	0.9964	0.9963	0.0001
2023-10-20T11:12:55	5	0	7	7	0	1.0351	1.0350	-0.0001	-0.9981	-0.9982	0.0001
2023-10-20T11:13:38	5	0	4	3	1	1.0450	1.0395	-0.0055	-0.993	-0.9935	0.0005
2023-10-20T11:15:58	2	0	12	11	1	1.0440	1.0446	0.0006	-0.9966	-0.9966	0.0000
2023-10-20T11:16:44	1	0	1	0	1	1.0553	null	null	-0.9976	-0.9976	0.0000
2023-10-20T11:17:01	1	0	17	17	0	1.0301	1.0300	0.0000	0.9852	0.9851	0.0001
2023-10-20T11:18:46	1	0	1	0	1	1.0336	null	null	-0.9981	-0.9981	0.0000
2023-10-20T11:20:17	1	0	12	12	0	1.0506	1.0505	-0.0001	0.9139	0.9136	0.0003
2023-10-20T11:20:26	2	0	2	2	0	1.0451	1.0445	-0.0006	-0.9976	-0.9977	0.0001
2023-10-20T11:20:41	1	0	22	21	1	1.0443	1.0437	-0.0006	0.9579	0.9576	0.0003
2023-10-20T11:22:37	3	0	31	28	3	1.0506	1.0495	-0.0012	0.9997	0.9996	0.0001
2023-10-20T11:23:02	4	0	57	53	4	1.0519	1.0513	-0.0006	0.9989	0.9988	0.0001
2023-10-20T11:27:05	1	0	5	5	0	1.0037	1.0036	-0.0001	0.9718	0.9718	0.0000
2023-10-20T11:27:29	2	0	84	83	1	1.0597	1.0580	-0.0017	-0.9931	-0.9932	0.0001
2023-10-20T11:30:16	4	0	3	2	1	1.0469	1.0395	-0.0074	0.9918	0.9917	0.0001
2023-10-20T11:30:38	2	0	47	47	0	0.9435	0.9435	0.0000	0.9902	0.9902	0.0000
2023-10-20T11:31:45	1	0	1	1	0	1.0558	1.0556	-0.0002	-0.9975	-0.9975	0.0000
2023-10-20T11:32:47	3	0	12	13	-1	1.0420	1.0392	-0.0028	0.956	0.956	0.0000
2023-10-20T11:32:59	3	0	6	3	3	1.0525	1.0492	-0.0034	0.9666	0.966	0.0006
2023-10-20T11:33:08	6	0	2	2	0	1.0352	1.0352	0.0000	0.9677	0.9676	0.0001
2023-10-20T11:33:33	2	0	8	7	1	1.0531	1.0520	-0.0011	0.9771	0.977	0.0001
2023-10-20T11:33:36	1	0	286	286	0	1.0623	1.0623	0.0000	-0.986	-0.986	0.0000
2023-10-20T11:33:38	3	0	112	106	6	0.9145	0.9151	0.0006	0.9996	0.9996	0.0000
2023-10-20T11:35:01	2	0	25	25	0	0.9391	0.9391	0.0000	0.8986	0.8987	-0.0001
2023-10-20T11:38:52	11	0	39	40	-1	1.0526	1.0522	-0.0004	0.9984	0.9984	0.0000
2023-10-20T11:39:07	10	0	425	421	4	1.0625	1.0625	0.0000	-0.9725	-0.9724	-0.0001
2023-10-20T11:40:39	1	0	951	947	4	0.8140	0.8168	0.0028	0.8738	0.8967	-0.0229
2023-10-20T11:41:49	1	0	74	73	1	1.0502	1.0501	-0.0001	-0.997	-0.997	0.0000
2023-10-20T11:42:15	2	0	5	5	0	1.0314	1.0310	-0.0004	-0.9988	-0.9988	0.0000
2023-10-20T11:43:01	1	0	6	6	0	1.0048	1.0048	0.0000	0.9717	0.9717	0.0000
2023-10-20T11:43:40	9	0	11	7	4	1.0497	1.0460	-0.0037	-0.9909	-0.9909	0.0000
2023-10-20T11:44:35	1	0	1	0	1	1.0551	null	null	0.9837	0.9838	-0.0001
2023-10-20T11:45:39	2	0	45	45	0	0.9249	0.9249	0.0000	0.989	0.9891	-0.0001
2023-10-20T11:46:38	4	0	5	4	1	1.0529	1.0503	-0.0026	0.9928	0.9926	0.0002
2023-10-20T11:47:28	1	0	1	2	-1	1.0622	1.0383	-0.0239	0.9586	0.9587	-0.0001
2023-10-20T11:47:29	1	0	34	34	0	1.0471	1.0471	0.0000	-0.9964	-0.9965	0.0001
2023-10-20T11:48:00	1	0	6	6	0	1.0504	1.0502	-0.0002	0.9688	0.9685	0.0003
2023-10-20T11:49:06	6	0	4	4	0	1.0250	1.0248	-0.0002	0.9374	0.9377	-0.0003
2023-10-20T11:49:59	4	0	15	12	3	1.0472	1.0445	-0.0028	0.9865	0.9865	0.0000
2023-10-20T11:55:40	1	0	1	1	0	1.0178	1.0178	0.0000	0.964	0.9636	0.0004
2023-10-20T11:56:46	1	0	12	11	1	1.0539	1.0537	-0.0002	0.9204	0.9203	0.0001
2023-10-20T11:57:42	1	0	1	2	-1	1.0161	1.0102	-0.0059	0.9878	0.9878	0.0000
2023-10-20T11:57:58	2	0	7	7	0	1.0439	1.0438	0.0000	-0.9986	-0.9986	0.0000
2023-10-20T11:58:07	2	0	5	5	0	1.0346	1.0343	-0.0003	-0.9963	-0.9963	0.0000
2023-10-20T12:00:40	2	0	45	45	0	0.9246	0.9246	0.0000	0.9907	0.9908	-0.0001
2023-10-20T12:02:33	4	0	6	5	1	1.0573	1.0543	-0.0030	0.9984	0.9983	0.0001
2023-10-20T12:03:49	1	0	1	0	1	1.0558	null	null	-0.9977	-0.9977	0.0000
2023-10-20T12:07:14	2	0	45	43	2	1.0514	1.0512	-0.0003	-0.969	-0.9692	0.0002
2023-10-20T12:10:41	1	0	4	4	0	1.0156	1.0156	-0.0001	0.9751	0.9665	0.0086
2023-10-20T12:11:54	1	0	85	85	0	1.0514	1.0514	0.0000	-0.9972	-0.9972	0.0000
2023-10-20T12:12:59	2	0	5	5	0	1.0489	1.0489	0.0000	-1	-1	0.0000
2023-10-20T12:16:35	2	0	5	4	1	1.0561	1.0551	-0.0010	0.9828	0.9828	0.0000
2023-10-20T12:18:36	2	0	24	24	0	1.0457	1.0457	0.0001	0.9898	0.99	-0.0002
2023-10-20T12:18:41	3	0	135	131	4	0.9030	0.9066	0.0036	0.9997	0.9997	0.0000
2023-10-20T12:27:44	1	0	1	1	0	1.0166	1.0166	0.0000	0.988	0.988	0.0000
2023-10-20T12:33:03	1	0	6	6	0	1.0524	1.0520	-0.0004	0.9643	0.9645	-0.0002
2023-10-20T12:41:44	2	0	1	2	-1	0.9131	0.9848	0.0717	0.9954	0.9943	0.0011
2023-10-20T12:43:44	3	0	4	5	-1	1.0513	1.0463	-0.0050	-0.9916	-0.9914	-0.0002
2023-10-20T12:46:51	1	0	1	1	0	1.0609	1.0554	-0.0055	-0.9969	-0.9968	-0.0001
2023-10-20T12:48:41	2	0	190	192	-2	1.0611	1.0611	0.0001	-0.9831	-0.9827	-0.0004
2023-10-20T12:49:04	1	0	4	4	0	1.0461	1.0459	-0.0002	0.9582	0.9582	0.0000
2023-10-20T12:50:03	2	0	23	23	0	1.0484	1.0484	0.0000	0.9886	0.9887	-0.0001
2023-10-20T12:55:01	11	0	6	10	-4	1.0552	1.0546	-0.0006	0.9958	0.9961	-0.0003
2023-10-20T12:58:57	1	0	6	6	0	1.0085	1.0084	-0.0001	0.9727	0.9726	0.0001
2023-10-20T12:59:33	1	0	7	7	0	1.0455	1.0454	-0.0001	-0.9981	-0.9971	-0.0010
2023-10-20T12:59:43	1	0	15	15	0	1.0441	1.0440	-0.0001	0.9994	0.9994	0.0000
2023-10-20T13:02:33	1	0	98	62	36	0.9221	1.0608	0.1386	0.9546	0.9569	-0.0023
2023-10-20T13:03:42	1	0	209	209	0	1.0613	1.0613	0.0000	-0.9798	-0.9797	-0.0001
2023-10-20T13:05:07	1	0	47	47	0	0.9224	0.9224	0.0000	0.8881	0.8884	-0.0003
2023-10-20T13:10:24	1	0	186	189	-3	1.0572	1.0571	0.0000	-0.9752	-0.9749	-0.0003
2023-10-20T13:14:34	1	0	6	6	0	1.0423	1.0422	-0.0001	-0.9964	-0.9963	-0.0001
2023-10-20T13:18:43	1	0	540	537	3	1.0631	1.0631	0.0000	-0.9773	-0.9774	0.0001
2023-10-20T13:20:05	1	0	21	20	1	1.0436	1.0436	0.0000	0.9844	0.9845	-0.0001
2023-10-20T13:20:08	1	0	308	308	0	0.8573	0.8573	0.0001	0.8323	0.8324	-0.0001

2023-10-20T13:26:47	2	0	1	1	0	1.0609	1.0604	-0.0005	0.9965	0.9963	0.0002
2023-10-20T13:28:37	1	0	3	3	0	1.0216	1.0215	-0.0001	0.9889	0.9889	0.0000
2023-10-20T13:33:41	2	0	18	17	1	1.0074	1.0113	0.0038	0.9708	0.9711	-0.0003
2023-10-20T13:35:06	2	0	18	17	1	1.0458	1.0449	-0.0009	0.9869	0.987	-0.0001
2023-10-20T13:35:09	2	0	46	46	0	0.9304	0.9305	0.0000	0.868	0.8682	-0.0002
2023-10-20T13:36:59	1	0	8	9	-1	1.0347	1.0372	0.0025	0.9885	0.9886	-0.0001
2023-10-20T13:39:27	1	0	26	26	0	1.0550	1.0551	0.0000	-0.9062	-0.9048	-0.0014
2023-10-20T13:41:38	1	0	153	154	-1	1.0577	1.0578	0.0001	0.9981	0.9977	0.0004
2023-10-20T13:43:48	1	0	1	1	0	1.0567	1.0566	-0.0001	-0.9898	-0.9897	-0.0001
2023-10-20T13:44:44	2	0	10	10	0	1.0494	1.0494	0.0000	0.9982	0.9988	-0.0006
2023-10-20T13:46:21	2	0	25	24	1	1.0496	1.0494	-0.0003	0.9948	0.9948	0.0000
2023-10-20T13:46:41	2	0	13	12	1	1.0578	1.0576	-0.0001	0.9921	0.9921	0.0000
2023-10-20T13:48:24	2	0	125	125	0	0.8727	0.8728	0.0001	0.9547	0.9548	-0.0001
2023-10-20T13:48:45	2	0	595	592	3	1.0644	1.0643	0.0000	-0.9859	-0.9812	-0.0047
2023-10-20T13:48:47	3	0	1	0	1	1.0259	null	null	0.9954	0.9953	0.0001
2023-10-20T13:49:05	1	0	13	13	0	1.0352	1.0350	-0.0002	0.9769	0.9769	0.0000
2023-10-20T13:50:10	1	0	14	14	0	0.9466	0.9466	0.0000	0.9117	0.9098	0.0019
2023-10-20T13:50:18	1	0	3	3	0	1.0249	1.0247	-0.0001	0.9605	0.9603	0.0002
2023-10-20T13:53:46	2	0	5	5	0	1.0363	1.0361	-0.0002	-0.9938	-0.9938	0.0000
2023-10-20T13:58:50	3	0	4	4	0	1.0353	1.0348	-0.0005	-0.9901	-0.9903	0.0002
2023-10-20T14:02:14	1	0	12	11	1	1.0577	1.0576	-0.0001	0.9957	0.9957	0.0000
2023-10-20T14:02:37	1	0	96	96	0	0.9062	0.9064	0.0003	0.9558	0.9558	0.0000
2023-10-20T14:03:03	1	0	4	5	-1	1.0455	1.0454	0.0000	0.9074	0.9076	-0.0002
2023-10-20T14:03:32	1	0	1	0	1	1.0554	null	null	0.9397	0.9396	0.0001
2023-10-20T14:03:46	1	0	395	395	0	1.0633	1.0633	0.0000	-0.9879	-0.9954	0.0075
2023-10-20T14:03:48	1	0	7	7	0	1.0507	1.0506	0.0000	0.9894	0.9894	0.0000
2023-10-20T14:03:48	1	0	1	1	0	0.9309	0.9312	0.0003	0.995	0.995	0.0000
2023-10-20T14:05:08	2	0	20	17	3	1.0487	1.0486	-0.0001	0.9865	0.9864	0.0001
2023-10-20T14:05:11	2	0	3	3	0	1.0358	1.0355	-0.0003	0.9131	0.9129	0.0002
2023-10-20T14:05:19	1	0	4	4	0	1.0253	1.0253	0.0000	0.9571	0.9623	-0.0052
2023-10-20T14:05:53	1	0	4	4	0	1.0157	1.0158	0.0000	0.941	0.9411	-0.0001
2023-10-20T14:09:58	1	0	13	11	2	0.9986	1.0085	0.0099	-0.9865	-0.9863	-0.0002
2023-10-20T14:11:50	2	0	1	1	0	1.0567	1.0563	-0.0004	0.9957	0.9956	0.0001
2023-10-20T14:12:45	7	0	107	88	19	1.0575	1.0570	-0.0005	0.9978	0.9977	0.0001
2023-10-20T14:13:07	2	0	7	7	0	1.0474	1.0473	0.0000	-0.9979	-0.9979	0.0000
2023-10-20T14:13:51	1	0	1	1	0	1.0610	1.0609	-0.0001	-0.9891	-0.9891	0.0000
2023-10-20T14:14:23	1	0	6	6	0	1.0120	1.0119	0.0000	0.9737	0.9737	0.0000
2023-10-20T14:15:50	2	0	45	45	0	0.9267	0.9267	0.0000	0.9647	0.9645	0.0002
2023-10-20T14:16:33	2	0	1	1	0	0.9944	0.9944	0.0000	0.9849	0.9846	0.0003
2023-10-20T14:16:57	1	0	1	1	0	1.0554	1.0551	-0.0003	-0.9968	-0.9968	0.0000
2023-10-20T14:17:14	1	0	17	16	1	1.0568	1.0568	0.0000	0.9948	0.9948	0.0000
2023-10-20T14:17:37	1	0	1	2	-1	1.0284	1.0277	-0.0007	0.9923	0.9923	0.0000
2023-10-20T14:17:38	1	0	96	95	1	0.9073	0.9076	0.0003	0.9533	0.9534	-0.0001
2023-10-20T14:18:23	1	0	17	17	0	1.0465	1.0465	0.0000	-0.9956	-0.9956	0.0000
2023-10-20T14:19:12	1	0	2	2	0	0.9588	0.9594	0.0005	-0.9993	-0.9993	0.0000
2023-10-20T14:20:09	2	0	22	21	1	1.0454	1.0454	-0.0001	0.9871	0.9871	0.0000
2023-10-20T14:20:12	2	0	3	3	0	1.0355	1.0350	-0.0005	0.9271	0.9269	0.0002
2023-10-20T14:21:00	3	0	36	36	0	1.0513	1.0507	-0.0006	0.996	0.996	0.0000
2023-10-20T14:22:02	2	0	16	15	1	1.0427	1.0418	-0.0009	0.9887	0.9887	0.0000
2023-10-20T14:25:52	3	0	2	2	0	1.0281	1.0267	-0.0014	-0.9836	-0.9844	0.0008
2023-10-20T14:26:52	1	0	4	4	0	1.0546	1.0545	-0.0001	0.9964	0.9962	0.0002
2023-10-20T14:26:52	2	0	1	0	1	1.0552	null	null	0.9954	0.9953	0.0001
2023-10-20T14:27:03	6	0	159	154	5	1.0537	1.0535	-0.0001	-0.9962	-0.9963	0.0001
2023-10-20T14:28:08	5	0	14	14	0	1.0414	1.0412	-0.0002	-0.999	-0.9991	0.0001
2023-10-20T14:28:40	6	0	122	115	7	1.0567	1.0564	-0.0003	0.996	0.9959	0.0001
2023-10-20T14:28:52	3	0	8	8	0	1.0413	1.0407	-0.0007	-0.9885	-0.9887	0.0002
2023-10-20T14:29:41	1	0	2	2	0	1.0326	1.0326	0.0000	-0.9991	-0.9992	0.0001
2023-10-20T14:30:13	1	0	6	6	0	1.0124	1.0123	-0.0001	0.9736	0.9735	0.0001
2023-10-20T14:30:38	1	0	2	2	0	1.0426	1.0424	-0.0003	0.9994	0.9994	0.0000
2023-10-20T14:30:55	2	0	46	46	0	0.9226	0.9226	0.0000	0.9649	0.9648	0.0001
2023-10-20T14:31:58	1	0	1	1	0	1.0556	1.0556	0.0000	-0.9993	-0.9993	0.0000
2023-10-20T14:32:04	3	0	5	5	0	1.0396	1.0389	-0.0007	-0.9933	-0.9935	0.0002
2023-10-20T14:32:15	1	0	10	10	0	1.0579	1.0579	0.0000	0.9942	0.9942	0.0000
2023-10-20T14:32:39	1	0	84	84	0	0.9434	0.9436	0.0002	0.958	0.9569	0.0011
2023-10-20T14:33:00	1	0	22	22	0	0.9594	0.9595	0.0000	0.9494	0.9494	0.0000
2023-10-20T14:33:05	1	0	4	3	1	1.0433	1.0426	-0.0007	0.9125	0.9123	0.0002
2023-10-20T14:33:11	2	0	7	7	0	1.0502	1.0501	-0.0001	0.9624	0.9618	0.0006
2023-10-20T14:34:07	2	0	8	8	0	1.0511	1.0508	-0.0003	0.9764	0.976	0.0004
2023-10-20T14:34:11	1	0	8	7	1	1.0465	1.0452	-0.0014	0.9589	0.959	-0.0001
2023-10-20T14:34:14	1	0	15	15	0	1.0472	1.0472	0.0000	-0.9953	-0.9953	0.0000
2023-10-20T14:35:10	2	0	18	17	1	1.0447	1.0447	-0.0001	0.9886	0.9886	0.0000
2023-10-20T14:35:21	1	0	6	6	0	1.0237	1.0236	-0.0001	0.9568	0.962	-0.0052
2023-10-20T14:35:34	2	0	34	33	1	1.0546	1.0545	-0.0001	0.9991	0.999	0.0001
2023-10-20T14:35:52	5	0	9	9	0	1.0183	1.0176	-0.0007	-0.997	-0.9987	0.0017
2023-10-20T14:36:01	1	0	28	28	0	1.0099	1.0099	0.0000	0.9362	0.936	0.0002
2023-10-20T14:37:03	2	0	13	13	0	1.0373	1.0372	-0.0001	0.988	0.988	0.0000
2023-10-20T14:40:55	3	0	1	1	0	1.0364	1.0360	-0.0004	-0.9808	-0.9806	-0.0002
2023-10-20T14:41:04	1	0	13	13	0	1.0359	1.0357	-0.0002	0.9916	0.9917	-0.0001
2023-10-20T14:42:04	2	0	105	105	0	1.0524	1.0524	0.0000	-0.9971	-0.9971	0.0000
2023-10-20T14:42:42	1	0	88	85	3	1.1179	1.1244	0.0066	-0.9975	-0.9975	0.0000
2023-10-20T14:43:02	1	0	2	2	0	1.0459	1.0457	-0.0003	0.9987	0.9987	0.0000
2023-10-20T14:43:09	1	0	9	9	0	1.0419	1.0419	0.0000	-0.9974	-0.9974	0.0000
2023-10-20T14:43:11	2	0	11	11	0	1.0386	1.0387	0.0001	0.991	0.9912	-0.0002
2023-10-20T14:43:53	3	0	7	7	0	1.0434	1.0432	-0.0001	-0.986	-0.9861	0.0001
2023-10-20T14:44:23	1	0	192	188	4	1.0609	1.0606	-0.0003	-0.8813	-0.8815	0.0002

2023-10-20T14:44:42	1	0	2	2	0	1.0309	1.0309	0.0000	-0.9994	-0.9994	0.0000
2023-10-20T14:45:32	5	0	24	23	1	1.0524	1.0521	-0.0002	0.9984	0.9984	0.0000
2023-10-20T14:45:56	2	0	46	46	0	0.9235	0.9235	0.0000	0.9644	0.9644	0.0000
2023-10-20T14:46:03	5	0	3	4	-1	1.0479	1.0390	-0.0089	0.9987	0.9987	0.0000
2023-10-20T14:46:28	1	0	7	7	0	1.0113	1.0112	-0.0001	0.974	0.9739	0.0001
2023-10-20T14:46:59	1	0	9	9	0	1.0408	1.0407	-0.0001	-0.9969	-0.9969	0.0000
2023-10-20T14:47:39	1	0	4	4	0	1.0280	1.0279	-0.0001	0.9927	0.9927	0.0000
2023-10-20T14:47:40	1	0	2	0	2	1.0589	null	null	0.9572	0.9568	0.0004
2023-10-20T14:48:01	2	0	13	13	0	1.0123	1.0123	0.0000	0.9431	0.9431	0.0000
2023-10-20T14:48:12	1	0	5	5	0	1.0503	1.0503	0.0000	0.959	0.9586	0.0004
2023-10-20T14:48:53	9	0	3	3	0	1.0056	1.0041	-0.0016	-0.9985	-0.9987	0.0002
2023-10-20T14:49:08	4	0	11	12	-1	1.0058	1.0092	0.0034	0.9679	0.9683	-0.0004
2023-10-20T14:49:14	1	0	2	2	0	0.9588	0.9589	0.0001	-0.999	-0.999	0.0000
2023-10-20T14:50:14	2	0	11	11	0	0.9703	0.9702	-0.0001	0.9183	0.9163	0.0020
2023-10-20T14:50:35	1	0	36	35	1	1.0540	1.0539	-0.0001	0.9996	0.9996	0.0000
2023-10-20T14:50:40	1	0	3	3	0	1.0421	1.0420	-0.0001	-0.9979	-0.998	0.0001
2023-10-20T14:50:56	1	0	4	4	0	1.0337	1.0336	-0.0001	-0.9946	-0.9945	-0.0001
2023-10-20T14:51:02	2	0	38	38	0	1.0529	1.0529	0.0000	0.9981	0.998	0.0001
2023-10-20T14:55:01	1	0	18	18	0	1.0233	1.0233	0.0000	-0.9851	-0.9849	-0.0002
2023-10-20T14:55:31	3	0	265	259	6	1.0598	1.0598	0.0000	-0.9741	-0.9741	0.0000
2023-10-20T14:56:53	2	0	1	1	0	1.0557	1.0553	-0.0004	0.9969	0.9968	0.0001
2023-10-20T14:57:43	1	0	10	10	0	1.0374	1.0373	-0.0001	-0.9999	-0.9999	0.0000
2023-10-20T14:58:10	2	0	10	10	0	1.0432	1.0432	0.0000	-0.998	-0.998	0.0000
2023-10-20T14:58:16	1	0	11	10	1	1.0435	1.0431	-0.0004	0.9924	0.9923	0.0001
2023-10-20T15:00:57	2	0	2	2	0	0.9885	0.9877	-0.0008	0.9785	0.978	0.0005
2023-10-20T15:02:00	4	0	143	139	4	1.0575	1.0576	0.0001	0.9983	0.9983	0.0000
2023-10-20T15:02:00	1	0	2	2	0	1.0395	1.0387	-0.0008	-0.9989	-0.999	0.0001
2023-10-20T15:02:30	2	0	6	5	1	1.0499	1.0522	0.0024	0.9987	0.999	-0.0003
2023-10-20T15:03:50	1	0	460	456	4	1.0619	1.0619	0.0000	-0.9827	-0.983	0.0003
2023-10-20T15:05:15	1	0	45	43	2	0.9386	0.9388	0.0002	0.8812	0.8815	-0.0003
2023-10-20T15:07:41	1	0	7	7	0	1.0167	1.0166	-0.0001	-0.9992	-0.9994	0.0002
2023-10-20T15:13:11	2	0	10	10	0	1.0408	1.0407	-0.0001	0.9999	0.9999	0.0000
2023-10-20T15:17:43	1	0	172	166	6	1.0576	1.0574	-0.0001	0.9986	0.9986	0.0000
2023-10-20T15:19:03	1	0	1	1	0	1.0314	1.0311	-0.0003	-0.9959	-0.9959	0.0000
2023-10-20T15:19:53	1	0	4	4	0	1.0298	1.0296	-0.0002	0.9755	0.9747	0.0008
2023-10-20T15:19:59	4	0	4	3	1	1.0457	1.0454	-0.0003	0.9824	0.9817	0.0007
2023-10-20T15:20:16	3	0	335	335	0	0.8077	0.8080	0.0004	0.8163	0.8166	-0.0003
2023-10-20T15:20:53	1	0	4	4	0	1.0196	1.0194	-0.0002	0.9779	0.9779	0.0000
2023-10-20T15:21:38	2	0	32	31	1	1.0430	1.0436	0.0006	-0.9957	-0.9958	0.0001
2023-10-20T15:26:56	2	0	2	2	0	1.0463	1.0460	-0.0003	0.9954	0.9953	0.0001
2023-10-20T15:27:56	1	0	1	1	0	1.0044	1.0037	-0.0007	0.9879	0.9877	0.0002
2023-10-20T15:28:45	1	0	3	3	0	1.0215	1.0213	-0.0002	0.9875	0.9875	0.0000
2023-10-20T15:31:28	1	0	85	84	1	1.0513	1.0512	-0.0001	0.9952	0.9952	0.0000
2023-10-20T15:32:43	1	0	1	1	0	1.0570	1.0568	-0.0002	0.9582	0.9582	0.0000
2023-10-20T15:48:42	1	0	5	4	1	1.0327	1.0326	-0.0001	0.9984	0.9993	-0.0009
2023-10-20T16:04:26	1	0	3	3	0	1.0467	1.0463	-0.0003	0.999	0.9991	-0.0001
2023-10-20T16:06:01	2	0	72	71	1	1.0544	1.0543	-0.0001	0.9779	0.9777	0.0002
2023-10-20T16:21:02	2	0	75	72	3	1.0542	1.0542	0.0000	0.9781	0.978	0.0001
2023-10-20T16:36:03	2	0	79	77	2	1.0543	1.0542	0.0000	0.979	0.979	0.0000
2023-10-20T16:42:12	2	0	169	168	1	1.0540	1.0540	0.0000	-0.9979	-0.9979	0.0000
2023-10-20T16:49:08	1	0	1	1	0	1.0262	1.0262	0.0000	-0.9965	-0.9965	0.0000
2023-10-20T16:49:16	1	0	11	10	1	1.0182	1.0261	0.0079	0.9758	0.9759	-0.0001
2023-10-20T17:04:17	1	0	23	23	0	0.9708	0.9709	0.0001	0.9701	0.9702	-0.0001
2023-10-21T10:21:32	1	0	1	1	0	1.0173	1.0168	-0.0005	0.9963	0.9951	0.0012
2023-10-21T11:07:24	1	0	1	1	0	1.0185	1.0175	-0.0010	0.9767	0.9806	-0.0039
2023-10-21T12:07:27	1	0	1	1	0	1.0187	1.0174	-0.0013	0.9703	0.9746	-0.0043
2023-10-21T12:22:59	2	0	75	74	1	1.0490	1.0489	-0.0001	0.9994	0.9994	0.0000
2023-10-21T13:52:08	1	0	50	47	3	1.0556	1.0555	-0.0001	-0.9977	-0.9991	0.0014
2023-10-21T14:07:09	2	0	70	69	1	1.0563	1.0562	-0.0001	-0.9961	-0.9961	0.0000
2023-10-21T15:05:21	1	0	90	85	5	1.0586	1.0585	-0.0001	-0.9957	-0.9957	0.0000
2023-10-21T15:09:01	1	0	7	7	0	1.0390	1.0390	0.0000	0.9931	0.993	0.0001
2023-10-21T15:15:21	2	0	1	1	0	1.0556	1.0552	-0.0004	-0.996	-0.9957	-0.0003
2023-10-21T15:53:06	1	0	18	18	0	1.0423	1.0422	-0.0002	0.9821	0.9748	0.0073
2023-10-21T17:32:58	1	0	5	5	0	0.9767	0.9770	0.0004	0.9697	0.9697	0.0000
2023-10-22T08:05:15	1	0	129	129	0	1.0600	1.0600	0.0000	-0.9999	-0.9999	0.0000
2023-10-22T08:10:11	1	0	140	140	0	1.0570	1.0570	0.0000	-1	-1	0.0000
2023-10-22T08:18:28	1	0	9	9	0	0.9578	0.9580	0.0002	0.9666	0.9667	-0.0001
2023-10-22T08:29:10	2	0	13	12	1	1.0539	1.0538	-0.0001	-0.9139	-0.9131	-0.0008
2023-10-22T08:40:09	1	0	3	3	0	1.0074	1.0071	-0.0004	-0.9999	-0.9999	0.0000
2023-10-22T08:40:13	1	0	156	155	1	1.0575	1.0575	0.0000	-0.9998	-0.9998	0.0000
2023-10-22T08:43:39	2	0	4	4	0	1.0403	1.0401	-0.0002	-0.9695	-0.9688	-0.0007
2023-10-22T08:44:11	1	0	18	16	2	1.0528	1.0525	-0.0003	-0.9024	-0.9016	-0.0008
2023-10-22T08:55:40	1	0	2	2	0	1.0218	1.0214	-0.0004	-0.9628	-0.9624	-0.0004
2023-10-22T09:18:20	1	0	4	4	0	1.0019	1.0018	-0.0001	0.9966	0.9966	0.0000
2023-10-22T09:20:20	1	0	43	40	3	1.0528	1.0528	-0.0001	0.9988	0.9988	0.0000
2023-10-22T09:20:59	1	0	33	30	3	1.0507	1.0506	-0.0001	-0.9791	-0.9793	0.0002
2023-10-22T09:21:28	3	0	307	306	1	0.8088	0.8091	0.0003	0.8744	0.8747	-0.0003
2023-10-22T09:28:17	1	0	4	4	0	1.0237	1.0236	-0.0001	0.9946	0.9945	0.0001
2023-10-22T09:29:00	2	0	2	2	0	1.0349	1.0346	-0.0003	-0.9835	-0.9837	0.0002
2023-10-22T09:29:14	1	0	29	28	1	1.0547	1.0543	-0.0004	-0.9062	-0.9057	-0.0005
2023-10-22T09:31:00	4	0	9	9	0	1.0389	1.0388	-0.0001	-0.9966	-0.9967	0.0001
2023-10-22T09:33:00	1	0	4	4	0	1.0398	1.0395	-0.0003	0.9686	0.9684	0.0002
2023-10-22T09:36:51	1	0	2	2	0	1.0240	1.0239	-0.0001	0.9712	0.9714	-0.0002
2023-10-22T09:39:22	2	0	2	1	1	1.0460	1.0456	-0.0004	0.9927	0.9923	0.0004
2023-10-22T09:44:01	1	0	3	3	0	1.0402	1.0400	-0.0001	-0.9848	-0.9848	0.0000

2023-10-22T09:45:42	1	0	1	1	0	0.8752	0.8756	0.0004	0.9991	0.9991	0.0000
2023-10-22T09:45:44	1	0	11	11	0	1.0510	1.0507	-0.0003	0.9616	0.9612	0.0004
2023-10-22T09:47:24	1	0	1	1	0	1.0238	1.0233	-0.0005	0.9999	0.9999	0.0000
2023-10-22T09:48:34	4	0	11	11	0	0.9414	0.9415	0.0001	0.9641	0.9649	-0.0008
2023-10-22T09:49:58	2	0	2	2	0	1.0433	1.0430	-0.0004	0.9998	0.9999	-0.0001
2023-10-22T09:50:28	4	0	2	2	0	1.0448	1.0437	-0.0011	-0.9928	-0.9929	0.0001
2023-10-22T09:51:30	1	0	5	5	0	1.0130	1.0128	-0.0003	1	1	0.0000
2023-10-22T09:51:30	3	0	1	0	1	1.0307	null	null	0.9488	0.9474	0.0014
2023-10-22T09:51:52	1	0	2	2	0	1.0248	1.0248	0.0000	0.9708	0.9711	-0.0003
2023-10-22T09:53:09	5	0	6	6	0	1.0327	1.0323	-0.0004	-0.9939	-0.9935	-0.0004
2023-10-22T09:54:58	1	0	2	2	0	1.0087	1.0083	-0.0004	0.9974	0.9973	0.0001
2023-10-22T09:56:10	1	0	2	2	0	1.0108	1.0096	-0.0012	-1	-1	0.0000
2023-10-22T10:00:43	1	0	1	1	0	0.8640	0.8640	0.0000	0.9989	0.9989	0.0000
2023-10-22T10:00:45	1	0	4	4	0	1.0392	1.0392	0.0000	0.9593	0.9591	0.0002
2023-10-22T10:03:35	5	0	22	19	3	0.9406	0.9409	0.0002	0.9623	0.9632	-0.0009
2023-10-22T10:03:45	1	0	19	13	6	0.9400	0.9408	0.0008	-0.9981	-0.998	-0.0001
2023-10-22T10:04:59	2	0	1	1	0	1.0327	1.0322	-0.0005	-0.9999	-0.9998	-0.0001
2023-10-22T10:05:23	2	0	20	18	2	1.0540	1.0534	-0.0006	0.9976	0.9975	0.0001
2023-10-22T10:05:29	10	0	3	3	0	1.0336	1.0321	-0.0014	-0.9919	-0.9923	0.0004
2023-10-22T10:06:03	2	0	40	34	6	1.0509	1.0506	-0.0003	-0.9903	-0.9907	0.0004
2023-10-22T10:06:31	3	0	35	34	1	0.9267	0.9270	0.0002	0.9246	0.925	-0.0004
2023-10-22T10:06:31	1	0	4	4	0	1.0294	1.0290	-0.0004	1	1	0.0000
2023-10-22T10:06:53	2	0	6	6	0	1.0210	1.0209	-0.0001	0.9864	0.986	0.0004
2023-10-22T10:08:11	4	0	9	9	0	1.0313	1.0311	-0.0003	-0.9944	-0.9941	-0.0003
2023-10-22T10:09:25	2	0	36	35	1	0.9750	0.9751	0.0002	0.9784	0.9783	0.0001
2023-10-22T10:10:19	2	0	41	36	5	1.0555	1.0554	-0.0001	0.9999	0.9999	0.0000
2023-10-22T10:13:45	2	0	1	0	1	1.0351	null	null	-0.9941	-0.9941	0.0000
2023-10-22T10:14:06	3	0	3	3	0	1.0444	1.0440	-0.0004	-0.9836	-0.9842	0.0006
2023-10-22T10:14:22	1	0	12	11	1	1.0485	1.0487	0.0002	-0.9742	-0.9743	0.0001
2023-10-22T10:15:46	5	0	5	5	0	1.0242	1.0241	-0.0001	0.9583	0.9282	0.0301
2023-10-22T10:16:06	1	0	5	5	0	1.0401	1.0399	-0.0002	-0.9975	-0.9975	0.0000
2023-10-22T10:17:08	2	0	6	6	0	1.0206	1.0204	-0.0002	0.9988	0.9989	-0.0001
2023-10-22T10:17:26	1	0	2	2	0	1.0247	1.0243	-0.0004	-0.9995	-0.9995	0.0000
2023-10-22T10:18:03	1	0	4	2	2	1.0398	1.0403	0.0004	0.9697	0.9698	-0.0001
2023-10-22T10:18:24	1	0	4	4	0	1.0029	1.0028	-0.0002	0.9967	0.9966	0.0001
2023-10-22T10:19:00	3	0	2	2	0	1.0454	1.0448	-0.0006	-0.998	-0.998	0.0000
2023-10-22T10:20:24	1	0	35	35	0	1.0549	1.0549	0.0000	0.997	0.997	0.0000
2023-10-22T10:20:44	3	0	1	1	0	1.0098	1.0088	-0.0010	0.9997	0.9996	0.0001
2023-10-22T10:20:48	1	0	4	4	0	1.0241	1.0239	-0.0002	0.9935	0.9935	0.0000
2023-10-22T10:24:58	1	0	5	5	0	1.0056	1.0055	-0.0001	-0.9977	-0.9978	0.0001
2023-10-22T10:25:20	1	0	54	48	6	1.0558	1.0557	-0.0001	0.9999	0.9999	0.0000
2023-10-22T10:25:46	2	0	3	3	0	1.0175	1.0172	-0.0003	-0.9838	-0.984	0.0002
2023-10-22T10:28:21	1	0	3	3	0	1.0220	1.0217	-0.0003	0.9941	0.994	0.0001
2023-10-22T10:29:18	1	0	13	10	3	1.0550	1.0530	-0.0019	-0.9097	-0.9099	0.0002
2023-10-22T10:30:44	2	0	52	51	1	1.0562	1.0573	0.0011	0.9989	0.9989	0.0000
2023-10-22T10:35:49	1	0	4	4	0	1.0252	1.0251	-0.0001	0.9942	0.9942	0.0000
2023-10-22T10:36:33	1	0	7	7	0	0.9916	0.9919	0.0002	0.9994	0.9994	0.0000
2023-10-22T10:36:43	2	0	4	4	0	0.9429	0.9431	0.0002	0.8671	0.8681	-0.0010
2023-10-22T10:39:26	2	0	5	3	2	1.0545	1.0511	-0.0034	0.9905	0.9897	0.0008
2023-10-22T10:40:47	1	0	1	0	1	1.0182	null	null	-0.9854	-0.9851	-0.0003
2023-10-22T10:41:25	1	0	2	2	0	1.0390	1.0369	-0.0021	-1	0.9992	0.0008
2023-10-22T10:41:27	3	0	4	4	0	1.0294	1.0292	-0.0003	0.9911	0.9908	0.0003
2023-10-22T10:41:34	1	0	19	19	0	1.0484	1.0483	-0.0001	-0.9886	-0.9886	0.0000
2023-10-22T10:43:06	1	0	2	2	0	1.0063	1.0058	-0.0005	0.9883	0.9881	0.0002
2023-10-22T10:43:47	1	0	2	2	0	1.0295	1.0290	-0.0005	-0.9922	-0.9923	0.0001
2023-10-22T10:45:38	2	0	12	11	1	1.0491	1.0485	-0.0006	-0.9989	-0.9989	0.0000
2023-10-22T10:48:38	1	0	7	8	-1	0.9426	0.9567	0.0141	0.9634	0.9637	-0.0003
2023-10-22T10:50:26	2	0	18	18	0	1.0531	1.0529	-0.0002	0.9967	0.9965	0.0002
2023-10-22T10:50:46	1	0	1	0	1	1.0083	null	null	0.9999	0.9999	0.0000
2023-10-22T10:51:05	2	0	60	58	2	1.0543	1.0541	-0.0002	-0.9851	-0.9854	0.0003
2023-10-22T10:51:34	1	0	5	5	0	1.0111	1.0111	0.0000	0.999	0.999	0.0000
2023-10-22T10:52:47	1	0	1	1	0	1.0554	1.0550	-0.0004	0.9991	0.999	0.0001
2023-10-22T10:54:28	2	0	38	36	2	0.9801	0.9756	-0.0044	0.9758	0.9756	0.0002
2023-10-22T10:55:00	1	0	6	6	0	1.0082	1.0082	0.0000	-0.998	-0.9981	0.0001
2023-10-22T10:56:45	2	0	2	2	0	0.9994	0.9986	-0.0009	0.982	0.9818	0.0002
2023-10-22T10:56:46	1	0	2	2	0	1.0708	1.0703	-0.0006	-0.9939	-0.994	0.0001
2023-10-22T11:01:12	1	0	2	2	0	1.0566	1.0563	-0.0004	0.9687	0.9681	0.0006
2023-10-22T11:01:27	2	0	6	6	0	1.0405	1.0399	-0.0006	0.9985	0.9984	0.0001
2023-10-22T11:03:27	1	0	4	4	0	1.0020	1.0019	-0.0001	0.9955	0.9954	0.0001
2023-10-22T11:04:26	3	0	2	1	1	1.0109	1.0294	0.0185	0.9892	0.9892	0.0000
2023-10-22T11:05:44	1	0	2	2	0	1.0198	1.0196	-0.0003	0.9921	0.9921	0.0000
2023-10-22T11:06:35	2	0	1	0	1	1.0296	null	null	0.9423	0.9413	0.0010
2023-10-22T11:07:41	2	0	7	7	0	1.0493	1.0490	-0.0003	0.9952	0.9951	0.0001
2023-10-22T11:09:50	2	0	2	1	1	1.0566	1.0558	-0.0009	-0.9918	-0.994	0.0022
2023-10-22T11:10:20	1	0	26	26	0	1.0480	1.0480	0.0000	0.9978	0.9978	0.0000
2023-10-22T11:10:49	1	0	2	2	0	1.0155	1.0155	-0.0001	-0.9873	-0.9871	-0.0002
2023-10-22T11:10:49	1	0	1	1	0	1.0284	1.0284	0.0000	0.9782	0.9781	0.0001
2023-10-22T11:11:53	1	0	4	2	2	1.0397	1.0366	-0.0031	1	0.9999	0.0001
2023-10-22T11:15:40	2	0	16	16	0	1.0484	1.0484	0.0000	-0.9992	-0.9991	-0.0001
2023-10-22T11:16:02	1	0	5	5	0	1.0315	1.0314	-0.0001	0.9911	0.9911	0.0000
2023-10-22T11:17:12	1	0	8	8	0	1.0264	1.0263	-0.0002	0.9982	0.9981	0.0001
2023-10-22T11:18:40	2	0	11	10	1	1.0341	1.0309	-0.0031	0.9823	0.9807	0.0016
2023-10-22T11:18:40	1	0	35	35	0	1.0539	1.0538	-0.0001	-0.9863	-0.9865	0.0002
2023-10-22T11:18:50	2	0	1	1	0	0.9444	0.9450	0.0006	-0.9977	-0.9978	0.0001
2023-10-22T11:19:43	1	0	11	9	2	1.0482	1.0486	0.0004	-0.998	-0.998	0.0000

2023-10-22T11:20:34	1	0	3	2	1	1.0439	1.0371	-0.0069	-0.9902	-0.9903	0.0001
2023-10-22T11:20:48	4	0	1	1	0	1.0090	1.0088	-0.0002	0.9998	0.9998	0.0000
2023-10-22T11:21:36	1	0	6	6	0	0.9997	0.9997	-0.0001	0.9985	0.9985	0.0000
2023-10-22T11:24:30	2	0	24	24	0	0.9784	0.9783	-0.0001	0.9763	0.976	0.0003
2023-10-22T11:25:50	1	0	7	7	0	1.0298	1.0295	-0.0002	0.9775	0.9773	0.0002
2023-10-22T11:27:24	2	0	1	0	1	0.9968	null	null	-0.9826	-0.9825	-0.0001
2023-10-22T11:28:50	3	0	1	1	0	1.0565	1.0562	-0.0003	-0.9912	-0.9911	-0.0001
2023-10-22T11:30:48	1	0	50	50	0	0.9625	0.9625	0.0000	0.997	0.997	0.0000
2023-10-22T11:30:49	4	0	2	2	0	0.9680	0.9673	-0.0007	0.999	0.9989	0.0001
2023-10-22T11:31:06	1	0	4	4	0	1.0357	1.0357	0.0000	0.9895	0.9896	-0.0001
2023-10-22T11:33:41	6	0	9	10	-1	1.0318	1.0308	-0.0010	0.9826	0.9826	0.0000
2023-10-22T11:33:51	2	0	1	1	0	0.9358	0.9364	0.0006	-0.9977	-0.9976	-0.0001
2023-10-22T11:34:28	3	0	2	2	0	1.0107	1.0107	0.0001	0.9899	0.9899	0.0000
2023-10-22T11:35:07	2	0	2	2	0	1.0313	1.0312	-0.0001	-0.9999	-0.9998	-0.0001
2023-10-22T11:35:49	6	0	3	3	0	1.0079	1.0079	-0.0001	-0.9999	-0.9999	0.0000
2023-10-22T11:36:37	4	0	91	91	0	0.9112	0.9113	0.0002	0.8972	0.8974	-0.0002
2023-10-22T11:37:48	3	0	1	0	1	1.0363	null	null	-0.9719	-0.9723	0.0004
2023-10-22T11:38:17	5	0	7	8	-1	1.0328	1.0345	0.0016	-0.9959	-0.9955	-0.0004
2023-10-22T11:39:32	2	0	1	1	0	1.0474	1.0470	-0.0004	-0.9996	0.9995	0.0009
2023-10-22T11:40:22	1	0	17	17	0	1.0476	1.0476	0.0000	0.9967	0.9967	0.0000
2023-10-22T11:40:51	3	0	3	4	-1	1.0258	1.0235	-0.0023	-0.9837	-0.983	-0.0007
2023-10-22T11:42:22	3	0	4	2	2	1.0398	1.0386	-0.0012	0.9999	0.9998	0.0001
2023-10-22T11:45:49	1	0	47	47	0	0.9485	0.9485	0.0000	0.9975	0.9976	-0.0001
2023-10-22T11:46:06	1	0	5	5	0	1.0396	1.0396	0.0000	0.9887	0.9888	-0.0001
2023-10-22T11:47:32	1	0	2	2	0	1.0586	1.0556	-0.0029	-1	0.9999	0.0001
2023-10-22T11:49:45	4	0	15	14	1	1.0507	1.0524	0.0017	-0.997	-0.9974	0.0004
2023-10-22T11:50:50	6	0	4	5	-1	1.0117	1.0111	-0.0006	-0.9998	-0.9997	-0.0001
2023-10-22T11:51:38	4	0	6	8	-2	1.0374	1.0282	-0.0092	0.9995	0.9995	0.0000
2023-10-22T11:52:26	2	0	21	20	1	1.0506	1.0503	-0.0003	-0.9531	-0.9532	0.0001
2023-10-22T11:54:32	4	0	22	24	-2	0.9811	0.9782	-0.0028	0.9765	0.9763	0.0002
2023-10-22T11:57:42	3	0	2	1	1	1.0716	1.0639	-0.0077	1	1	0.0000
2023-10-22T11:58:52	3	0	1	3	-2	1.0645	1.0543	-0.0102	-0.9862	-0.9853	-0.0009
2023-10-22T12:00:50	1	0	47	47	0	0.9493	0.9493	0.0000	0.9973	0.9973	0.0000
2023-10-22T12:00:51	7	0	3	3	0	0.9999	0.9993	-0.0006	0.9992	0.9992	0.0000
2023-10-22T12:01:14	1	0	6	6	0	1.0442	1.0442	0.0000	0.9902	0.9902	0.0000
2023-10-22T12:03:14	2	0	1	0	1	1.0560	null	null	0.9681	0.968	0.0001
2023-10-22T12:05:09	2	0	3	4	-1	1.0354	1.0405	0.0051	-1	-1	0.0000
2023-10-22T12:05:12	1	0	1	1	0	1.0187	1.0171	-0.0016	0.9751	0.9791	-0.0040
2023-10-22T12:05:51	6	0	4	4	0	1.0114	1.0109	-0.0005	1	1	0.0000
2023-10-22T12:07:27	2	0	37	36	1	1.0544	1.0542	-0.0002	-0.9512	-0.9513	0.0001
2023-10-22T12:13:08	4	0	6	5	1	1.0540	1.0508	-0.0032	-1	1	0.0000
2023-10-22T12:16:25	1	0	1	0	1	1.0565	null	null	0.9972	0.9972	0.0000
2023-10-22T12:17:34	1	0	96	96	0	0.9028	0.9042	0.0015	0.9979	0.996	0.0019
2023-10-22T12:18:44	6	0	5	4	1	1.0545	1.0532	-0.0014	0.9812	0.9812	0.0000
2023-10-22T12:18:54	2	0	1	1	0	0.9377	0.9378	0.0001	-0.9968	-0.9968	0.0000
2023-10-22T12:25:54	3	0	2	2	0	1.0294	1.0289	-0.0005	-0.9842	-0.9832	-0.0010
2023-10-22T12:26:59	1	0	20	19	1	1.0532	1.0529	-0.0004	0.9948	0.9947	0.0001
2023-10-22T12:27:49	1	0	11	11	0	1.0413	1.0405	-0.0008	0.9935	0.9934	0.0001
2023-10-22T12:29:47	1	0	1	1	0	1.0594	1.0590	-0.0004	-0.9994	-0.9994	0.0000
2023-10-22T12:34:48	1	0	4	6	-2	1.0497	1.0487	-0.0010	-0.9985	-0.9985	0.0000
2023-10-22T12:35:53	1	0	3	3	0	1.0146	1.0143	-0.0003	0.9992	0.9991	0.0001
2023-10-22T12:38:21	5	0	7	8	-1	1.0310	1.0305	-0.0004	-0.9954	-0.9948	-0.0006
2023-10-22T12:50:54	1	0	3	3	0	1.0096	1.0095	-0.0001	0.9999	0.9999	0.0000
2023-10-22T12:52:53	3	0	1	2	-1	1.0559	1.0475	-0.0084	-0.9614	-0.9609	-0.0005
2023-10-22T12:53:22	5	0	8	8	0	1.0312	1.0308	-0.0004	-0.9937	-0.9934	-0.0003
2023-10-22T12:55:56	2	0	2	2	0	1.0218	1.0212	-0.0006	-0.9761	-0.9763	0.0002
2023-10-22T12:58:10	1	0	4	4	0	1.0484	1.0483	-0.0002	0.9968	0.9968	0.0000
2023-10-22T13:00:55	4	0	2	2	0	0.9728	0.9725	-0.0004	0.9992	0.9992	0.0000
2023-10-22T13:03:18	2	0	1	0	1	1.0569	null	null	0.9677	0.9673	0.0004
2023-10-22T13:03:26	1	0	10	10	0	1.0473	1.0473	0.0000	-0.9913	-0.9902	-0.0011
2023-10-22T13:05:44	1	0	9	10	-1	1.0461	1.0471	0.0010	-0.9819	-0.9817	-0.0002
2023-10-22T13:08:51	1	0	166	165	1	1.0533	1.0533	0.0000	0.9981	0.9981	0.0000
2023-10-22T13:09:58	1	0	2	4	-2	1.0606	1.0582	-0.0025	-0.9909	-0.9906	-0.0003
2023-10-22T13:16:51	1	0	13	12	1	1.0555	1.0555	0.0000	-0.9943	-0.9943	0.0000
2023-10-22T13:20:42	2	0	4	4	0	1.0571	1.0569	-0.0003	-0.989	-0.9891	0.0001
2023-10-22T13:22:11	2	0	8	10	-2	1.0330	1.0384	0.0054	0.9879	0.9885	-0.0006
2023-10-22T13:33:09	1	0	5	5	0	1.0223	1.0221	-0.0002	0.9644	0.9642	0.0002
2023-10-22T13:35:43	3	0	5	3	2	1.0506	1.0485	-0.0021	-0.9871	-0.987	-0.0001
2023-10-22T13:35:46	1	0	4	5	-1	1.0510	1.0518	0.0009	-0.9819	-0.9817	-0.0002
2023-10-22T13:37:12	2	0	8	9	-1	1.0340	1.0371	0.0030	0.9876	0.9882	-0.0006
2023-10-22T13:37:33	1	0	26	26	0	1.0530	1.0530	0.0000	-0.9562	-0.9562	0.0000
2023-10-22T13:38:25	5	0	9	10	-1	1.0346	1.0360	0.0014	-0.9953	-0.9948	-0.0005
2023-10-22T13:39:42	2	0	1	3	-2	1.0637	1.0514	-0.0123	0.9999	0.9999	0.0000
2023-10-22T13:40:59	2	0	3	3	0	1.0291	1.0283	-0.0008	-0.9786	-0.9771	-0.0015
2023-10-22T13:44:31	1	0	3	6	-3	1.0492	1.0517	0.0025	-0.8973	-0.8954	-0.0019
2023-10-22T13:46:13	1	0	5	4	1	1.0667	1.0596	-0.0071	-0.9992	-0.9994	0.0002
2023-10-22T13:49:53	5	0	13	13	0	1.0515	1.0515	0.0000	-0.9976	-0.9981	0.0005
2023-10-22T13:53:28	2	0	103	102	1	1.0554	1.0554	0.0000	-0.9683	-0.9683	0.0000
2023-10-22T13:59:00	3	0	9	9	0	1.0452	1.0449	-0.0004	-0.9817	-0.9817	0.0000
2023-10-22T14:01:47	1	0	2	2	0	1.0727	1.0599	-0.0128	-0.9999	0.9993	0.0008
2023-10-22T14:02:41	1	0	95	95	0	0.9190	0.9193	0.0003	0.9966	0.9966	0.0000
2023-10-22T14:03:11	1	0	3	3	0	1.0231	1.0231	0.0000	0.9561	0.9561	0.0000
2023-10-22T14:03:22	2	0	1	1	0	1.0555	1.0553	-0.0002	0.9643	0.9641	0.0002
2023-10-22T14:03:51	1	0	3	3	0	1.0463	1.0462	-0.0001	0.9846	0.9846	0.0000
2023-10-22T14:04:02	1	0	3	3	0	0.9358	0.9362	0.0004	-0.9966	-0.9966	0.0000

2023-10-22T14:04:54	4	0	27	27	0	1.0554	1.0553	-0.0001	-0.9967	-0.9968	0.0001
2023-10-22T14:05:45	12	0	5	6	-1	1.0498	1.0475	-0.0023	-0.988	-0.9877	-0.0003
2023-10-22T14:05:48	2	0	12	12	0	1.0465	1.0465	-0.0001	-0.9794	-0.9794	0.0000
2023-10-22T14:07:35	2	0	48	48	0	1.0538	1.0537	-0.0001	-0.9428	-0.9429	0.0001
2023-10-22T14:07:58	3	0	2	1	1	1.0477	1.0552	0.0074	-0.9627	-0.9633	0.0006
2023-10-22T14:08:27	5	0	17	17	0	1.0414	1.0411	-0.0003	-0.9956	-0.9953	-0.0003
2023-10-22T14:08:55	1	0	150	149	1	1.0537	1.0537	0.0000	0.9977	0.9977	0.0000
2023-10-22T14:09:41	2	0	20	20	0	0.9947	0.9944	-0.0003	0.9777	0.9775	0.0002
2023-10-22T14:10:09	3	0	2	2	0	1.0604	1.0594	-0.0010	-0.991	-0.9909	-0.0001
2023-10-22T14:10:33	1	0	18	18	0	1.0502	1.0502	-0.0001	-0.9717	-0.9718	0.0001
2023-10-22T14:11:35	1	0	243	187	56	1.0723	1.0707	-0.0016	-1	-0.999	-0.0010
2023-10-22T14:11:59	1	0	16	16	0	1.0572	1.0572	0.0000	0.999	0.9989	0.0001
2023-10-22T14:12:48	2	0	1	1	0	0.9952	0.9957	0.0005	-0.9803	-0.98	-0.0003
2023-10-22T14:14:02	3	0	9	9	0	1.0448	1.0442	-0.0006	-0.982	-0.9819	-0.0001
2023-10-22T14:14:33	1	0	5	8	-3	1.0505	1.0524	0.0019	-0.8945	-0.8931	-0.0014
2023-10-22T14:15:59	2	0	63	63	0	1.0551	1.0551	0.0000	0.9964	0.9965	-0.0001
2023-10-22T14:16:06	6	0	60	60	0	1.0628	1.0627	-0.0001	0.9527	0.9531	-0.0004
2023-10-22T14:16:23	1	0	12	12	0	1.0476	1.0475	-0.0001	-0.9955	-0.9955	0.0000
2023-10-22T14:17:22	2	0	2	1	1	1.0796	1.0646	-0.0150	-0.9999	0.9999	0.0002
2023-10-22T14:17:42	1	0	96	96	0	0.9334	0.9337	0.0003	0.9983	0.9983	0.0000
2023-10-22T14:18:12	1	0	5	5	0	1.0233	1.0233	-0.0001	0.9538	0.9538	0.0000
2023-10-22T14:18:52	2	0	9	9	0	1.0356	1.0354	-0.0001	0.9823	0.9822	0.0001
2023-10-22T14:19:01	1	0	20	19	1	1.0547	1.0546	-0.0001	0.9992	0.9992	0.0000
2023-10-22T14:19:03	2	0	1	1	0	0.9424	0.9425	0.0001	-0.9951	-0.9951	0.0000
2023-10-22T14:19:55	8	0	36	34	2	1.0543	1.0540	-0.0003	-0.9974	-0.9974	0.0000
2023-10-22T14:20:46	11	0	8	7	1	1.0451	1.0434	-0.0018	-0.9862	-0.9866	0.0004
2023-10-22T14:20:49	1	0	10	10	0	1.0459	1.0459	0.0000	-0.9801	-0.9801	0.0000
2023-10-22T14:21:48	1	0	4	4	0	1.0271	1.0270	-0.0001	0.9985	0.9985	0.0000
2023-10-22T14:22:15	2	0	8	9	-1	1.0289	1.0319	0.0030	0.9884	0.9887	-0.0003
2023-10-22T14:22:59	3	0	2	2	0	1.0378	1.0375	-0.0003	-0.97	-0.9702	0.0002
2023-10-22T14:23:28	5	0	19	19	0	1.0411	1.0409	-0.0002	-0.9965	-0.9962	-0.0003
2023-10-22T14:24:45	2	0	3	3	0	1.0516	1.0513	-0.0003	0.9994	0.9993	0.0001
2023-10-22T14:25:34	1	0	18	18	0	1.0499	1.0498	0.0000	-0.9752	-0.9752	0.0000
2023-10-22T14:25:36	2	0	140	138	2	1.0580	1.0580	0.0000	-1	-1	0.0000
2023-10-22T14:26:02	3	0	1	1	0	1.0262	1.0227	-0.0035	-0.9715	-0.9802	0.0087
2023-10-22T14:27:00	1	0	18	18	0	1.0574	1.0574	0.0000	0.9989	0.9989	0.0000
2023-10-22T14:27:02	1	0	5	5	0	1.0214	1.0212	-0.0002	0.9742	0.9741	0.0001
2023-10-22T14:27:57	1	0	91	91	0	1.1149	1.1143	-0.0006	0.9911	0.991	0.0001
2023-10-22T14:29:03	3	0	6	6	0	1.0396	1.0392	-0.0004	-0.985	-0.985	0.0000
2023-10-22T14:29:34	1	0	30	28	2	1.0542	1.0539	-0.0003	-0.8862	-0.8856	-0.0006
2023-10-22T14:29:49	1	0	1	1	0	0.9071	0.9071	0.0000	-0.9993	-0.9993	0.0000
2023-10-22T14:30:53	4	0	51	51	0	1.0523	1.0522	-0.0001	-0.9985	-0.9986	0.0001
2023-10-22T14:31:00	2	0	65	65	0	1.0537	1.0537	0.0000	0.9975	0.9975	0.0000
2023-10-22T14:31:24	1	0	6	6	0	1.0379	1.0379	-0.0001	0.9885	0.9885	0.0000
2023-10-22T14:31:24	3	0	11	11	0	1.0461	1.0457	-0.0004	-0.9966	-0.9968	0.0002
2023-10-22T14:32:35	2	0	2	1	1	1.0713	1.0596	-0.0117	1	0.9999	0.0001
2023-10-22T14:32:43	1	0	95	95	0	0.9363	0.9365	0.0002	0.9987	0.998	0.0007
2023-10-22T14:33:13	1	0	5	5	0	1.0250	1.0249	0.0000	0.9572	0.9572	0.0000
2023-10-22T14:33:22	2	0	4	4	0	1.0432	1.0432	-0.0001	0.9564	0.9567	-0.0003
2023-10-22T14:34:05	1	0	17	17	0	1.0543	1.0543	0.0000	0.9992	0.9992	0.0000
2023-10-22T14:34:05	2	0	1	1	0	0.9273	0.9275	0.0002	-0.9967	-0.9967	0.0000
2023-10-22T14:34:56	6	0	18	16	2	1.0543	1.0553	0.0010	-0.9966	-0.9966	0.0000
2023-10-22T14:35:19	2	0	4	4	0	1.0323	1.0320	-0.0003	-0.9999	-0.9999	0.0000
2023-10-22T14:35:47	20	0	7	5	2	1.0430	1.0396	-0.0035	-0.987	-0.9887	0.0017
2023-10-22T14:35:58	1	0	10	10	0	1.0469	1.0469	0.0000	-0.9807	-0.9808	0.0001
2023-10-22T14:36:49	2	0	9	9	0	0.9675	0.9674	-0.0001	0.9164	0.9152	0.0012
2023-10-22T14:36:49	3	0	4	4	0	1.0272	1.0270	-0.0002	0.9986	0.9986	0.0000
2023-10-22T14:37:16	2	0	13	10	3	1.0425	1.0385	-0.0040	0.9887	0.9889	-0.0002
2023-10-22T14:37:37	2	0	46	43	3	1.0526	1.0522	-0.0003	-0.9456	-0.9458	0.0002
2023-10-22T14:38:00	3	0	2	2	0	1.0393	1.0392	-0.0001	-0.9649	-0.965	0.0001
2023-10-22T14:38:29	4	0	12	10	2	1.0358	1.0338	-0.0020	-0.9966	-0.9963	-0.0003
2023-10-22T14:39:46	2	0	1	1	0	1.0553	1.0551	-0.0002	0.9893	0.9771	0.0122
2023-10-22T14:40:34	1	0	35	35	0	1.0491	1.0491	0.0000	0.9961	0.9961	0.0000
2023-10-22T14:40:37	1	0	97	96	1	1.0567	1.0567	0.0000	1	1	0.0000
2023-10-22T14:40:47	1	0	21	21	0	1.0498	1.0498	0.0000	-0.9767	-0.9767	0.0000
2023-10-22T14:40:52	1	0	12	12	0	1.0522	1.0521	-0.0001	0.9947	0.9946	0.0001
2023-10-22T14:41:08	4	0	4	4	0	1.0145	1.0141	-0.0004	-0.9712	-0.9714	0.0002
2023-10-22T14:42:00	1	0	4	4	0	1.0210	1.0210	0.0000	0.9732	0.972	0.0012
2023-10-22T14:42:01	1	0	22	22	0	1.0588	1.0588	0.0000	0.9991	0.9991	0.0000
2023-10-22T14:42:16	1	0	50	50	0	1.0506	1.0506	-0.0001	-0.9931	-0.9931	0.0000
2023-10-22T14:42:50	4	0	1	1	0	0.9985	0.9990	0.0005	-0.9794	-0.9792	-0.0002
2023-10-22T14:43:38	1	0	5	5	0	1.0267	1.0265	-0.0001	0.9952	0.995	0.0002
2023-10-22T14:44:03	2	0	5	5	0	1.0402	1.0401	-0.0002	-0.9843	-0.9842	-0.0001
2023-10-22T14:44:35	1	0	16	16	0	1.0510	1.0510	0.0000	-0.9011	-0.9003	-0.0008
2023-10-22T14:45:37	3	0	1	0	1	1.0156	null	null	0.968	0.9679	0.0001
2023-10-22T14:45:54	4	0	58	58	0	1.0526	1.0526	0.0000	-0.9984	-0.9983	-0.0001
2023-10-22T14:46:37	3	0	15	13	2	1.0435	1.0463	0.0028	-0.9967	-0.9969	0.0002
2023-10-22T14:46:58	1	0	4	4	0	1.0002	1.0000	-0.0002	-0.9996	-0.9996	0.0000
2023-10-22T14:47:50	1	0	5	3	2	1.0607	1.0565	-0.0042	1	0.9999	0.0001
2023-10-22T14:48:54	2	0	5	5	0	0.9401	0.9407	0.0007	0.9641	0.9642	-0.0001
2023-10-22T14:49:09	1	0	3	3	0	1.0653	1.0652	-0.0002	0.9703	0.9701	0.0002
2023-10-22T14:49:57	4	0	33	33	0	1.0550	1.0550	-0.0001	-0.9969	-0.9969	0.0000
2023-10-22T14:50:48	17	0	12	12	0	1.0420	1.0418	-0.0002	-0.9851	-0.9857	0.0006
2023-10-22T14:51:03	3	0	2	2	0	1.0144	1.0143	-0.0002	0.9977	0.9976	0.0001
2023-10-22T14:51:50	3	0	310	309	1	0.8184	0.8185	0.0001	0.8597	0.8598	-0.0001

2023-10-22T14:54:44	4	0	16	16	0	0.9925	0.9925	0.0000	0.9794	0.9792	0.0002
2023-10-22T14:56:38	1	0	277	258	19	1.0764	1.0749	-0.0015	-1	-0.9989	-0.0011
2023-10-22T14:59:33	2	0	25	25	0	1.0481	1.0478	-0.0004	-0.9974	-0.9976	0.0002
2023-10-22T15:02:27	1	0	21	21	0	1.0180	1.0180	0.0000	0.9874	0.9875	-0.0001
2023-10-22T15:03:24	1	0	4	4	0	1.0372	1.0371	0.0000	0.9634	0.9639	-0.0005
2023-10-22T15:03:55	3	0	11	10	1	0.9401	0.9398	-0.0003	0.9594	0.96	-0.0006
2023-10-22T15:04:58	1	0	17	17	0	1.0505	1.0504	-0.0001	0.9981	0.9981	0.0000
2023-10-22T15:05:08	7	0	13	11	2	1.0484	1.0477	-0.0007	0.987	0.9858	0.0012
2023-10-22T15:10:25	2	0	1	1	0	1.0592	1.0589	-0.0003	-0.989	-0.9891	0.0001
2023-10-22T15:10:39	1	0	170	170	0	1.0599	1.0599	0.0000	-0.9999	-0.9999	0.0000
2023-10-22T15:11:14	1	0	10	10	0	1.0165	1.0165	0.0000	0.9941	0.9943	-0.0002
2023-10-22T15:11:52	2	0	153	151	2	1.0578	1.0578	0.0000	-0.9676	-0.9676	0.0000
2023-10-22T15:13:19	1	0	11	11	0	1.0482	1.0481	-0.0001	0.9997	0.9997	0.0000
2023-10-22T15:14:52	1	0	1	1	0	0.8994	0.8994	0.0000	-0.9997	-0.9998	0.0001
2023-10-22T15:16:10	5	0	5	5	0	1.0445	1.0433	-0.0012	0.9633	0.9303	0.0330
2023-10-22T15:17:46	1	0	11	9	2	1.0545	1.0512	-0.0033	0.9977	0.9976	0.0001
2023-10-22T15:21:06	1	0	4	4	0	1.0154	1.0154	-0.0001	0.9998	0.9996	0.0002
2023-10-22T15:23:39	1	0	19	19	0	1.0413	1.0413	0.0000	0.9999	1	-0.0001
2023-10-22T15:24:49	1	0	109	1	108	1.0558	1.0553	-0.0005	0.9992	0.981	0.0182
2023-10-22T15:25:30	1	0	1	1	0	1.0385	1.0376	-0.0009	-0.9989	-0.9989	0.0000
2023-10-22T15:25:59	1	0	1	1	0	0.9428	0.9441	0.0013	-0.9915	-0.9969	0.0054
2023-10-22T15:28:01	1	0	10	10	0	1.0379	1.0379	0.0000	0.9888	0.9888	0.0000
2023-10-22T15:29:23	1	0	7	7	0	1.0132	1.0132	0.0000	-0.9972	-0.9972	0.0000
2023-10-22T15:36:07	2	0	5	5	0	1.0137	1.0137	0.0000	-0.9998	-0.9999	0.0001
2023-10-22T15:46:12	1	0	54	44	10	1.0577	1.0568	-0.0009	0.958	0.9569	0.0011
2023-10-22T15:48:46	1	0	6	7	-1	1.0027	1.0091	0.0064	0.9956	0.9958	-0.0002
2023-10-22T15:54:05	1	0	203	200	3	1.0546	1.0546	0.0000	0.9973	0.9973	0.0000
2023-10-22T16:01:56	3	0	14	14	0	1.0384	1.0382	-0.0001	0.9878	0.9875	0.0003
2023-10-22T16:01:57	1	0	13	13	0	1.0432	1.0432	0.0000	-0.9962	-0.9962	0.0000
2023-10-22T16:02:05	3	0	1	1	0	1.0331	1.0323	-0.0008	0.9992	0.9988	0.0004
2023-10-22T16:04:11	1	0	3	3	0	1.0269	1.0262	-0.0007	-0.9928	-0.9929	0.0001
2023-10-22T16:15:16	1	0	1	1	0	1.0223	1.0220	-0.0003	0.9717	0.9718	-0.0001
2023-10-22T16:22:16	1	0	1	0	1	1.0300	null	null	0.9982	0.9978	0.0004
2023-10-22T16:34:01	1	0	3	6	-3	0.9405	0.9548	0.0143	0.9655	0.966	-0.0005
2023-10-22T16:48:50	1	0	7	8	-1	1.0015	1.0068	0.0053	0.9936	0.9937	-0.0001
2023-10-22T16:50:55	1	0	15	12	3	0.9425	0.9424	-0.0001	0.9947	0.9949	-0.0002
2023-10-22T18:36:15	1	0	8	8	0	1.0448	1.0448	0.0000	-0.9868	-0.9868	0.0000
2023-10-23T07:50:22	1	0	12	12	0	0.9432	0.9433	0.0001	-0.9767	-0.9759	-0.0008
2023-10-23T08:14:12	1	0	60	60	0	1.0562	1.0560	-0.0001	-0.9243	-0.9237	-0.0006
2023-10-23T08:20:03	2	0	276	276	0	0.8858	0.8859	0.0000	0.8787	0.8786	0.0001
2023-10-23T08:21:50	1	0	34	33	1	1.0460	1.0459	-0.0001	0.9752	0.9748	0.0004
2023-10-23T08:36:49	1	0	23	22	1	0.9425	0.9427	0.0002	-0.9993	-0.9992	-0.0001
2023-10-23T08:55:20	1	0	99	96	3	1.0550	1.0550	0.0000	1	1	0.0000
2023-10-23T08:58:46	3	0	3	3	0	1.0318	1.0312	-0.0006	-0.9758	-0.9759	0.0001
2023-10-23T09:01:25	2	0	113	114	-1	1.0648	1.0646	-0.0002	-0.9927	-0.9927	0.0000
2023-10-23T09:09:26	2	0	5	5	0	1.0482	1.0478	-0.0003	0.9901	0.9899	0.0002
2023-10-23T09:10:21	1	0	86	84	2	1.0548	1.0548	0.0000	0.9999	0.9999	0.0000
2023-10-23T09:13:34	8	0	1423	1423	0	1.0660	1.0659	0.0000	0.9992	0.9991	0.0001
2023-10-23T09:15:49	1	0	5	5	0	1.0024	1.0024	0.0000	0.9808	0.981	-0.0002
2023-10-23T09:18:46	1	0	134	133	1	0.9141	0.9144	0.0003	0.9976	0.9976	0.0000
2023-10-23T09:25:11	1	0	30	30	0	0.9311	0.9313	0.0002	0.9886	0.9887	-0.0001
2023-10-23T09:29:04	2	0	2	2	0	1.0342	1.0340	-0.0003	-0.9896	-0.9897	0.0001
2023-10-23T09:31:11	1	0	14	14	0	1.0454	1.0453	0.0000	-0.998	-0.998	0.0000
2023-10-23T09:31:33	1	0	9	9	0	1.0317	1.0317	-0.0001	0.9939	0.9937	0.0002
2023-10-23T09:33:46	1	0	2	2	0	0.9767	0.9767	0.0000	0.9656	0.9658	-0.0002
2023-10-23T09:35:31	5	0	19	18	1	1.0514	1.0506	-0.0007	-0.9914	-0.9917	0.0003
2023-10-23T09:35:32	1	0	12	12	0	1.0473	1.0472	-0.0001	0.9316	0.9314	0.0002
2023-10-23T09:36:32	1	0	6	6	0	0.9896	0.9894	-0.0002	0.9958	0.9958	0.0000
2023-10-23T09:37:37	1	0	4	4	0	1.0421	1.0419	-0.0002	0.999	0.9989	0.0001
2023-10-23T09:38:13	5	0	33	33	0	1.0405	1.0402	-0.0003	1	1	0.0000
2023-10-23T09:40:49	1	0	8	8	0	1.0255	1.0255	-0.0001	0.973	0.9731	-0.0001
2023-10-23T09:43:22	1	0	7	7	0	1.0261	1.0260	-0.0001	0.9971	0.9971	0.0000
2023-10-23T09:44:05	1	0	3	3	0	1.0357	1.0356	-0.0001	-0.9895	-0.9894	-0.0001
2023-10-23T09:45:46	1	0	1	1	0	0.9114	0.9117	0.0003	0.9926	0.9924	0.0002
2023-10-23T09:45:48	7	0	60	56	4	1.0596	1.0587	-0.0009	0.9873	0.9863	0.0010
2023-10-23T09:46:11	1	0	17	17	0	1.0466	1.0466	0.0000	-0.9993	-0.9993	0.0000
2023-10-23T09:46:53	1	0	1	1	0	1.0410	1.0406	-0.0004	1	1	0.0000
2023-10-23T09:47:46	1	0	2	2	0	1.0149	1.0145	-0.0005	0.9949	0.9947	0.0002
2023-10-23T09:47:59	1	0	1	1	0	1.0354	1.0350	-0.0004	0.9541	0.9538	0.0003
2023-10-23T09:48:47	1	0	4	4	0	0.9414	0.9417	0.0002	0.9574	0.9577	-0.0003
2023-10-23T09:49:02	1	0	39	39	0	1.0531	1.0531	0.0000	0.998	0.998	0.0000
2023-10-23T09:50:47	1	0	5	5	0	1.0116	1.0114	-0.0001	0.9999	0.9999	0.0000
2023-10-23T09:51:06	1	0	25	25	0	1.0471	1.0471	0.0000	0.9994	0.9994	0.0000
2023-10-23T09:52:38	1	0	8	8	0	1.0468	1.0468	0.0000	0.9988	0.9988	0.0000
2023-10-23T09:55:02	1	0	4	4	0	0.9843	0.9841	-0.0002	0.9982	0.9982	0.0000
2023-10-23T09:55:50	2	0	615	667	-52	0.7767	0.8205	0.0438	0.9053	0.9203	-0.0150
2023-10-23T09:56:50	2	0	2	2	0	1.0125	1.0105	-0.0019	0.9983	0.9982	0.0001
2023-10-23T09:57:58	1	0	2	2	0	1.0064	1.0060	-0.0004	0.9885	0.9883	0.0002
2023-10-23T09:59:19	1	0	39	39	0	1.0512	1.0512	0.0000	-0.9237	-0.923	-0.0007
2023-10-23T10:00:38	1	0	42	42	0	1.0497	1.0496	-0.0001	-0.9992	-0.9993	0.0001
2023-10-23T10:00:47	1	0	1	1	0	0.9050	0.9050	0.0000	0.9926	0.9924	0.0002
2023-10-23T10:00:49	1	0	5	6	-1	1.0376	1.0389	0.0012	0.978	0.977	0.0010
2023-10-23T10:00:52	1	0	6	6	0	1.0055	1.0055	0.0000	0.9885	0.9887	-0.0002
2023-10-23T10:01:35	1	0	8	8	0	1.0336	1.0336	0.0000	0.9946	0.9944	0.0002
2023-10-23T10:01:43	1	0	1	1	0	1.0308	1.0300	-0.0008	0.9935	0.9926	0.0009

2023-10-23T10:02:12	1	0	9	9	0	1.0269	1.0268	-0.0001	0.9946	0.9947	-0.0001
2023-10-23T10:03:48	1	0	1	0	1	0.9446	null	null	0.9589	0.9591	-0.0002
2023-10-23T10:03:49	1	0	44	42	2	0.9363	0.9371	0.0008	0.9995	0.9991	0.0004
2023-10-23T10:05:03	2	0	6	6	0	1.0317	1.0315	-0.0002	0.989	0.989	0.0000
2023-10-23T10:05:13	2	0	2	0	2	1.0452	null	null	-0.7707	-0.7709	0.0002
2023-10-23T10:05:33	6	0	17	15	2	1.0485	1.0477	-0.0008	-0.9911	-0.9913	0.0002
2023-10-23T10:05:48	1	0	4	4	0	1.0106	1.0105	-0.0001	0.9987	0.9985	0.0002
2023-10-23T10:05:51	1	0	5	5	0	1.0317	1.0315	-0.0002	0.9976	0.9976	0.0000
2023-10-23T10:06:08	2	0	5	5	0	1.0482	1.0481	-0.0001	0.9988	0.9988	0.0000
2023-10-23T10:06:34	1	0	11	11	0	0.9669	0.9668	-0.0001	0.99	0.9898	0.0002
2023-10-23T10:06:55	1	0	8	6	2	0.9408	0.9409	0.0001	-0.9977	-0.9974	-0.0003
2023-10-23T10:06:57	2	0	78	65	13	1.0395	1.0384	-0.0011	0.9629	0.9623	0.0006
2023-10-23T10:08:15	5	0	9	9	0	1.0318	1.0315	-0.0004	1	1	0.0000
2023-10-23T10:08:30	3	0	73	68	5	0.9306	0.9318	0.0011	0.9956	0.9958	-0.0002
2023-10-23T10:09:30	2	0	44	10	34	1.0556	1.0537	-0.0019	0.9843	0.9834	0.0009
2023-10-23T10:09:43	1	0	12	12	0	1.0005	1.0005	0.0000	0.9789	0.9787	0.0002
2023-10-23T10:09:51	1	0	3	2	1	1.0525	1.0505	-0.0021	-0.9944	-0.9946	0.0002
2023-10-23T10:10:01	1	0	7	7	0	1.0214	1.0213	-0.0001	-0.9981	-0.9981	0.0000
2023-10-23T10:10:25	3	0	151	146	5	1.0572	1.0569	-0.0003	-0.9998	-0.9998	0.0000
2023-10-23T10:12:22	1	0	4	3	1	1.0375	1.0254	-0.0121	0.9973	0.9969	0.0004
2023-10-23T10:12:24	2	0	2	2	0	0.9972	0.9975	0.0003	-0.9881	-0.988	-0.0001
2023-10-23T10:13:51	2	0	1	0	1	1.0349	null	null	-0.9869	-0.987	0.0001
2023-10-23T10:14:09	3	0	3	3	0	1.0408	1.0404	-0.0004	-0.991	-0.9915	0.0005
2023-10-23T10:14:20	1	0	40	32	8	1.0538	1.0527	-0.0011	-0.9099	-0.9101	0.0002
2023-10-23T10:14:25	2	0	17	17	0	1.0457	1.0457	0.0000	-0.994	-0.994	0.0000
2023-10-23T10:14:43	1	0	2	2	0	1.0271	1.0270	-0.0001	-0.9999	-1	0.0001
2023-10-23T10:15:42	1	0	39	39	0	1.0494	1.0494	0.0000	-0.9993	-0.9993	0.0000
2023-10-23T10:15:50	6	0	54	47	7	1.0581	1.0573	-0.0007	0.9866	0.9855	0.0011
2023-10-23T10:16:13	1	0	10	10	0	1.0484	1.0483	-0.0001	-0.999	-0.999	0.0000
2023-10-23T10:19:04	3	0	3	3	0	1.0502	1.0496	-0.0006	0.9989	0.9989	0.0000
2023-10-23T10:20:14	2	0	9	9	0	0.9573	0.9571	-0.0002	0.9234	0.9226	0.0008
2023-10-23T10:20:34	4	0	32	28	4	1.0522	1.0521	-0.0001	-0.9984	-0.9986	0.0002
2023-10-23T10:20:35	2	0	7	7	0	1.0481	1.0474	-0.0007	0.928	0.9275	0.0005
2023-10-23T10:20:52	1	0	4	4	0	1.0278	1.0277	-0.0001	0.9975	0.9975	0.0000
2023-10-23T10:22:49	1	0	1	1	0	1.0583	1.0580	-0.0003	0.9896	0.9895	0.0001
2023-10-23T10:23:11	1	0	517	408	109	0.9041	0.9195	0.0154	-1	-0.9982	-0.0018
2023-10-23T10:24:44	1	0	28	27	1	0.9784	0.9799	0.0015	0.9762	0.9762	0.0000
2023-10-23T10:27:25	2	0	2	2	0	0.9964	0.9966	0.0002	-0.9657	-0.9653	-0.0004
2023-10-23T10:27:58	2	0	4	3	1	1.0391	1.0138	-0.0253	0.9969	0.9966	0.0003
2023-10-23T10:28:52	1	0	4	4	0	1.0340	1.0324	-0.0016	-0.9835	-0.9839	0.0004
2023-10-23T10:30:52	2	0	46	46	0	0.9282	0.9282	0.0000	0.9941	0.994	0.0001
2023-10-23T10:33:50	4	0	19	14	5	0.9479	0.9419	-0.0060	0.9394	0.9393	0.0001
2023-10-23T10:38:23	4	0	200	194	6	1.0586	1.0584	-0.0001	-0.9682	-0.9684	0.0002
2023-10-23T10:39:32	1	0	2	2	0	1.0714	1.0709	-0.0005	0.9997	0.9997	0.0000
2023-10-23T10:40:08	1	0	6	4	2	1.0574	1.0561	-0.0013	-0.992	-0.992	0.0000
2023-10-23T10:40:27	1	0	15	15	0	1.0504	1.0503	-0.0001	0.9992	0.9992	0.0000
2023-10-23T10:42:01	1	0	2	2	0	1.0416	1.0415	-0.0002	-0.9978	-0.9977	-0.0001
2023-10-23T10:44:41	1	0	1	1	0	1.0346	1.0346	0.0000	-0.9972	-0.9974	0.0002
2023-10-23T10:44:53	1	0	14	12	2	1.0523	1.0515	-0.0008	0.9672	0.967	0.0002
2023-10-23T10:45:50	3	0	2	2	0	0.9886	0.9879	-0.0007	0.9967	0.9965	0.0002
2023-10-23T10:46:15	1	0	2	2	0	1.0578	1.0574	-0.0004	0.9644	0.9636	0.0008
2023-10-23T10:46:32	2	0	20	18	2	1.0579	1.0575	-0.0004	0.9992	0.9991	0.0001
2023-10-23T10:46:38	2	0	8	8	0	1.0331	1.0329	-0.0002	0.9942	0.994	0.0002
2023-10-23T10:47:15	2	0	16	16	0	1.0342	1.0341	-0.0001	0.9949	0.9949	0.0000
2023-10-23T10:47:35	1	0	3	2	1	1.0269	1.0118	-0.0150	0.9488	0.9485	0.0003
2023-10-23T10:48:42	1	0	40	37	3	1.0553	1.0552	-0.0002	-0.9958	-0.9959	0.0001
2023-10-23T10:48:51	1	0	1	2	-1	0.9329	0.9944	0.0615	0.944	0.9446	-0.0006
2023-10-23T10:48:52	1	0	22	21	1	1.0550	1.0550	0.0000	0.9901	0.9902	-0.0001
2023-10-23T10:49:08	2	0	10	9	1	1.0514	1.0517	0.0003	0.9983	0.9982	0.0001
2023-10-23T10:51:10	2	0	29	25	4	1.0510	1.0506	-0.0004	0.9993	0.9991	0.0002
2023-10-23T10:52:26	2	0	40	39	1	1.0480	1.0478	-0.0002	-0.9893	-0.9893	0.0000
2023-10-23T10:52:42	1	0	7	7	0	1.0447	1.0445	-0.0002	0.9973	0.9973	0.0000
2023-10-23T10:53:24	6	0	341	334	7	1.0620	1.0619	-0.0001	-0.9635	-0.9637	0.0002
2023-10-23T10:54:46	2	0	13	13	0	1.0032	1.0031	-0.0001	0.9737	0.9734	0.0003
2023-10-23T10:55:04	1	0	7	7	0	1.0225	1.0224	0.0000	-0.9988	-0.9988	0.0000
2023-10-23T10:56:55	1	0	3	3	0	1.0354	1.0350	-0.0004	0.982	0.9819	0.0001
2023-10-23T10:57:43	1	0	82	82	0	1.1278	1.1265	-0.0013	-0.988	-0.9898	0.0018
2023-10-23T10:58:27	1	0	8	8	0	1.0279	1.0277	-0.0002	0.9968	0.9967	0.0001
2023-10-23T10:58:32	2	0	5	3	2	1.0489	1.0457	-0.0032	0.995	0.9943	0.0007
2023-10-23T11:00:21	2	0	83	82	1	1.0497	1.0496	-0.0001	-1	-1	0.0000
2023-10-23T11:00:45	1	0	23	23	0	1.0492	1.0491	-0.0001	0.9974	0.9974	0.0000
2023-10-23T11:00:53	1	0	44	38	6	1.0553	1.0548	-0.0005	0.9741	0.975	-0.0009
2023-10-23T11:00:55	1	0	2	0	2	1.0239	null	null	0.991	0.9898	0.0012
2023-10-23T11:00:56	1	0	4	4	0	1.0043	1.0042	-0.0001	0.9834	0.9841	-0.0007
2023-10-23T11:02:03	1	0	37	36	1	1.0492	1.0490	-0.0002	-0.963	-0.963	0.0000
2023-10-23T11:03:00	2	0	21	17	4	1.0502	1.0484	-0.0018	0.9514	0.9512	0.0002
2023-10-23T11:03:52	1	0	2	1	1	1.0003	0.9433	-0.0570	0.951	0.951	0.0000
2023-10-23T11:04:27	1	0	35	34	1	1.0488	1.0486	-0.0002	0.9871	0.9871	0.0000
2023-10-23T11:05:37	12	0	35	32	3	1.0541	1.0538	-0.0003	-1	0.9999	0.0001
2023-10-23T11:05:38	2	0	12	11	1	1.0478	1.0479	0.0001	0.9234	0.9226	0.0008
2023-10-23T11:06:38	2	0	5	5	0	1.0130	1.0128	-0.0002	0.9993	0.9992	0.0001
2023-10-23T11:08:25	2	0	241	239	2	1.0590	1.0590	0.0000	-0.9614	-0.9615	0.0001
2023-10-23T11:10:52	1	0	1	1	0	1.0320	1.0317	-0.0003	-0.9561	-0.9551	-0.0010
2023-10-23T11:13:55	1	0	1	0	1	1.0311	null	null	0.999	0.9991	-0.0001
2023-10-23T11:16:17	2	0	14	13	1	1.0479	1.0484	0.0005	-0.9992	-0.9993	0.0001

2023-10-23T11:17:52	1	0	1	1	0	1.0160	1.0149	-0.0011	0.9978	0.9976	0.0002
2023-10-23T11:18:53	5	0	7	4	3	1.0309	1.0105	-0.0204	0.954	0.953	0.0010
2023-10-23T11:19:02	1	0	4	4	0	1.0601	1.0600	-0.0001	0.983	0.9829	0.0001
2023-10-23T11:19:15	2	0	7	7	0	1.0532	1.0528	-0.0004	0.9992	0.9991	0.0001
2023-10-23T11:20:18	2	0	2	2	0	1.0564	1.0558	-0.0007	-0.7371	-0.7395	0.0024
2023-10-23T11:20:38	3	0	29	28	1	1.0504	1.0499	-0.0005	-0.9999	1	0.0001
2023-10-23T11:20:53	6	0	4	3	1	1.0137	1.0114	-0.0023	0.9999	0.9996	0.0003
2023-10-23T11:21:39	1	0	5	5	0	1.0118	1.0121	0.0002	0.9992	0.9992	0.0000
2023-10-23T11:26:03	1	0	1	1	0	1.0301	1.0301	0.0000	0.9765	0.9765	0.0000
2023-10-23T11:26:59	1	0	18	17	1	1.0577	1.0576	-0.0001	0.9325	0.9323	0.0002
2023-10-23T11:29:30	1	0	28	28	0	1.0469	1.0469	0.0000	-0.9911	-0.9911	0.0000
2023-10-23T11:30:56	2	0	45	45	0	0.9278	0.9278	0.0000	0.9896	0.9896	0.0000
2023-10-23T11:30:57	2	0	2	2	0	1.0471	1.0466	-0.0005	-0.9998	-0.9998	0.0000
2023-10-23T11:31:49	3	0	1	1	0	1.0660	1.0660	0.0000	0.9934	0.9935	-0.0001
2023-10-23T11:32:05	1	0	38	37	1	1.0499	1.0497	-0.0002	-0.9638	-0.9637	-0.0001
2023-10-23T11:32:38	1	0	98	3	95	0.9117	1.0152	0.1035	0.941	0.9429	-0.0019
2023-10-23T11:33:16	3	0	6	4	2	1.0502	1.0471	-0.0031	0.9632	0.9631	0.0001
2023-10-23T11:33:36	1	0	1	1	0	1.0563	1.0557	-0.0006	0.9634	0.9632	0.0002
2023-10-23T11:34:39	1	0	14	14	0	1.0213	1.0213	0.0000	-0.9963	-0.9963	0.0000
2023-10-23T11:34:56	3	0	3	3	0	1.0495	1.0490	-0.0005	0.9846	0.9842	0.0004
2023-10-23T11:35:19	2	0	33	33	0	0.9301	0.9304	0.0003	0.8897	0.8904	-0.0007
2023-10-23T11:35:40	5	0	7	7	0	1.0499	1.0499	0.0000	0.9209	0.9087	0.0122
2023-10-23T11:37:51	3	0	2	1	1	1.0313	1.0310	-0.0003	0.9972	0.997	0.0002
2023-10-23T11:38:27	8	0	271	267	4	1.0596	1.0596	0.0000	-0.9561	-0.9561	0.0000
2023-10-23T11:41:04	1	0	1	1	0	1.0107	1.0106	-0.0001	0.9745	0.9618	0.0127
2023-10-23T11:41:53	1	0	6	6	0	1.0538	1.0538	-0.0001	0.9966	0.9964	0.0002
2023-10-23T11:42:46	1	0	2	2	0	0.9708	0.9708	0.0000	-0.9927	-0.9926	-0.0001
2023-10-23T11:43:30	1	0	9	10	-1	1.0294	1.0297	0.0004	0.9969	0.9969	0.0000
2023-10-23T11:43:57	3	0	4	5	-1	1.0424	1.0447	0.0023	0.9996	0.9995	0.0001
2023-10-23T11:44:28	6	0	3	1	2	1.0725	1.0661	-0.0064	0.9996	0.9989	0.0007
2023-10-23T11:44:45	1	0	1	1	0	1.0355	1.0355	0.0000	-0.9982	-0.9983	0.0001
2023-10-23T11:44:48	1	0	1	0	1	1.0552	null	null	0.9828	0.9827	0.0001
2023-10-23T11:45:27	1	0	24	24	0	0.9366	0.9366	0.0000	0.9663	0.9664	-0.0001
2023-10-23T11:45:57	2	0	46	46	0	0.9358	0.9359	0.0000	0.992	0.992	0.0000
2023-10-23T11:45:58	2	0	1	2	-1	1.0341	1.0446	0.0105	1	1	0.0000
2023-10-23T11:46:50	3	0	1	1	0	1.0671	1.0671	0.0000	0.9935	0.9533	0.0402
2023-10-23T11:46:57	1	0	1	0	1	1.0552	null	null	-0.9672	-0.9672	0.0000
2023-10-23T11:47:08	2	0	1	1	0	1.0578	1.0574	-0.0004	0.9997	0.9997	0.0000
2023-10-23T11:47:39	1	0	96	96	0	0.9064	0.9087	0.0023	0.9495	0.9501	-0.0006
2023-10-23T11:48:55	6	0	3	3	0	1.0581	1.0185	-0.0397	0.9525	0.9526	-0.0001
2023-10-23T11:49:57	3	0	3	4	-1	1.0511	1.0496	-0.0014	0.9852	0.9853	-0.0001
2023-10-23T11:50:28	1	0	5	5	0	1.0386	1.0385	-0.0001	1	1	0.0000
2023-10-23T11:53:37	3	0	3	4	-1	0.9398	0.9405	0.0007	0.9985	0.9984	0.0001
2023-10-23T11:57:47	1	0	3	3	0	0.9877	0.9877	0.0000	-0.9913	-0.9912	-0.0001
2023-10-23T11:59:46	5	0	7	7	0	1.0549	1.0495	-0.0054	0.9969	0.9983	-0.0014
2023-10-23T11:59:46	1	0	2	2	0	1.0371	1.0371	0.0000	-0.997	-0.9971	0.0001
2023-10-23T12:01:03	2	0	48	48	0	0.9534	0.9534	0.0000	0.9944	0.9944	0.0000
2023-10-23T12:01:51	3	0	1	1	0	1.0680	1.0680	0.0000	0.9935	0.9939	-0.0004
2023-10-23T12:02:35	4	0	31	31	0	1.0515	1.0514	0.0000	0.9754	0.9753	0.0001
2023-10-23T12:10:33	2	0	43	42	1	1.0506	1.0506	0.0000	0.9908	0.9908	0.0000
2023-10-23T12:16:04	2	0	51	51	0	0.9634	0.9634	0.0000	0.9971	0.9971	0.0000
2023-10-23T12:19:32	4	0	33	32	1	1.0513	1.0511	-0.0002	0.9856	0.9856	0.0000
2023-10-23T12:21:57	1	0	32	31	1	1.0553	1.0552	-0.0001	-0.9919	-0.992	0.0001
2023-10-23T12:27:36	1	0	7	7	0	1.0252	1.0251	0.0000	0.9598	0.9606	-0.0008
2023-10-23T12:27:49	2	0	6	5	1	1.0218	1.0127	-0.0091	-0.994	-0.9927	-0.0013
2023-10-23T12:29:00	3	0	2	3	-1	1.0483	1.0510	0.0027	0.9992	0.9993	-0.0001
2023-10-23T12:29:48	1	0	2	2	0	1.0365	1.0365	0.0000	-0.9973	-0.9974	0.0001
2023-10-23T12:35:00	3	0	6	7	-1	1.0486	1.0482	-0.0004	0.9869	0.9872	-0.0003
2023-10-23T12:44:35	2	0	35	34	1	1.0493	1.0491	-0.0002	-0.9884	-0.9883	-0.0001
2023-10-23T12:45:31	1	0	31	33	-2	0.9330	0.9330	0.0000	0.9409	0.9409	0.0000
2023-10-23T12:57:43	2	0	47	46	1	1.0521	1.0521	-0.0001	0.9807	0.9806	0.0001
2023-10-23T12:58:40	1	0	5	5	0	1.0085	1.0084	0.0000	-0.9658	-0.9657	-0.0001
2023-10-23T12:59:26	2	0	18	18	0	1.0546	1.0545	-0.0001	-0.935	-0.9351	0.0001
2023-10-23T12:59:30	1	0	30	30	0	1.0489	1.0489	0.0000	0.9706	0.9706	0.0000
2023-10-23T13:04:00	6	0	5	6	-1	1.0571	1.0543	-0.0028	0.965	0.965	0.0000
2023-10-23T13:08:33	2	0	147	150	-3	1.0555	1.0551	-0.0003	-0.9662	-0.966	-0.0002
2023-10-23T13:10:51	1	0	3	3	0	1.0600	1.0587	-0.0013	-0.9982	-0.9981	-0.0001
2023-10-23T13:11:59	1	0	7	7	0	1.0527	1.0523	-0.0004	0.9908	0.9898	0.0010
2023-10-23T13:19:17	2	0	5	5	0	1.0399	1.0399	0.0000	-1	-1	0.0000
2023-10-23T13:23:34	1	0	142	142	0	1.0549	1.0549	0.0000	-0.966	-0.9659	-0.0001
2023-10-23T13:27:04	2	0	2	2	0	0.9964	0.9959	-0.0005	0.9938	0.9937	0.0001
2023-10-23T13:28:55	1	0	2	2	0	1.0121	1.0119	-0.0003	0.9875	0.9874	0.0001
2023-10-23T13:31:29	1	0	7	7	0	1.0565	1.0507	-0.0059	0.997	0.9976	-0.0006
2023-10-23T13:33:44	1	0	17	17	0	0.9300	0.9301	0.0000	0.962	0.9621	-0.0001
2023-10-23T13:33:53	1	0	117	68	49	1.0559	1.0551	-0.0008	-0.9883	-0.9947	0.0064
2023-10-23T13:40:53	1	0	3	4	-1	1.0556	1.0553	-0.0003	-0.9983	-0.9982	-0.0001
2023-10-23T13:47:42	1	0	40	39	1	1.0523	1.0522	-0.0001	0.9692	0.9691	0.0001
2023-10-23T14:01:26	1	0	104	101	3	1.0507	1.0505	-0.0002	1	1	0.0000
2023-10-23T14:01:59	1	0	4	3	1	1.0684	1.0597	-0.0088	0.9958	0.9952	0.0006
2023-10-23T14:02:43	1	0	61	56	5	1.0547	1.0545	-0.0002	0.9709	0.9706	0.0003
2023-10-23T14:03:14	3	0	5	5	0	1.0289	1.0289	0.0000	0.9562	0.9562	0.0000
2023-10-23T14:03:46	1	0	1	1	0	1.0593	1.0593	0.0000	0.9617	0.9617	0.0000
2023-10-23T14:03:55	1	0	286	287	-1	1.0608	1.0608	0.0000	-0.9826	-0.9824	-0.0002
2023-10-23T14:04:20	2	0	4	4	0	1.0472	1.0471	-0.0001	-0.9998	-0.9998	0.0000
2023-10-23T14:04:56	1	0	13	13	0	1.0198	1.0197	-0.0001	-0.9961	-0.996	-0.0001

2023-10-23T14:05:09	1	0	15	14	1	1.0483	1.0478	-0.0005	0.9841	0.984	0.0001
2023-10-23T14:08:46	3	0	8	8	0	0.9448	0.9450	0.0001	0.9925	0.9926	-0.0001
2023-10-23T14:10:30	1	0	3	3	0	0.8397	0.8398	0.0001	0.9997	0.9998	-0.0001
2023-10-23T14:12:03	1	0	17	17	0	1.0554	1.0554	0.0000	0.9909	0.9907	0.0002
2023-10-23T14:12:56	1	0	81	81	0	1.1381	1.1376	-0.0004	-0.994	-0.994	0.0000
2023-10-23T14:14:08	3	0	6	6	0	1.0415	1.0409	-0.0007	0.9996	0.9996	0.0000
2023-10-23T14:16:14	2	0	55	55	0	0.9773	0.9772	-0.0001	0.9935	0.9934	0.0001
2023-10-23T14:17:00	2	0	2	2	0	1.0623	1.0619	-0.0004	0.9791	0.9776	0.0015
2023-10-23T14:17:14	4	0	4	3	1	1.0611	1.0512	-0.0100	0.9968	0.9962	0.0006
2023-10-23T14:17:18	1	0	1	1	0	1.0557	1.0556	-0.0001	0.9998	0.9998	0.0000
2023-10-23T14:17:42	2	0	3	3	0	1.0320	1.0315	-0.0006	0.9816	0.9815	0.0001
2023-10-23T14:17:44	4	0	41	41	0	1.0519	1.0519	0.0000	0.9691	0.969	0.0001
2023-10-23T14:17:49	1	0	95	96	-1	0.9100	0.9139	0.0039	0.9435	0.9435	0.0000
2023-10-23T14:18:47	1	0	1	1	0	1.0568	1.0567	-0.0001	0.9615	0.9615	0.0000
2023-10-23T14:18:56	1	0	221	221	0	1.0606	1.0606	0.0000	-0.9803	-0.9805	0.0002
2023-10-23T14:19:05	2	0	2	2	0	0.9965	0.9958	-0.0007	0.9259	0.9255	0.0004
2023-10-23T14:19:21	2	0	3	3	0	1.0437	1.0434	-0.0003	-0.9998	-0.9999	0.0001
2023-10-23T14:19:33	1	0	54	51	3	1.0522	1.0519	-0.0002	-0.9618	-0.9618	0.0000
2023-10-23T14:19:34	1	0	6	6	0	1.0407	1.0407	-0.0001	0.9998	0.9997	0.0001
2023-10-23T14:19:57	1	0	11	11	0	1.0237	1.0237	0.0000	-0.9959	-0.9959	0.0000
2023-10-23T14:20:30	4	0	3	4	-1	1.0501	1.0514	0.0013	-0.6883	-0.6869	-0.0014
2023-10-23T14:23:38	7	0	195	195	0	1.0570	1.0570	0.0000	-0.9596	-0.9597	0.0001
2023-10-23T14:23:47	3	0	12	12	0	0.9415	0.9418	0.0003	0.995	0.9951	-0.0001
2023-10-23T14:25:31	1	0	3	3	0	0.8804	0.8804	0.0000	1	1	0.0000
2023-10-23T14:25:56	1	0	4	4	0	1.0532	1.0529	-0.0003	-0.9976	-0.9975	-0.0001
2023-10-23T14:27:04	1	0	16	16	0	1.0548	1.0548	0.0000	0.9909	0.9908	0.0001
2023-10-23T14:27:19	1	0	5	5	0	1.0417	1.0417	0.0000	-0.9967	-0.9966	-0.0001
2023-10-23T14:27:57	1	0	82	82	0	1.1310	1.1306	-0.0004	-0.9939	-0.9939	0.0000
2023-10-23T14:28:59	1	0	2	2	0	1.0122	1.0119	-0.0003	0.988	0.9879	0.0001
2023-10-23T14:29:10	2	0	5	5	0	1.0376	1.0371	-0.0005	0.9996	0.9996	0.0000
2023-10-23T14:29:44	1	0	55	53	2	1.0501	1.0500	-0.0001	-0.988	-0.9881	0.0001
2023-10-23T14:29:56	1	0	2	2	0	1.0369	1.0369	0.0000	-0.9981	-0.9982	0.0001
2023-10-23T14:30:09	1	0	14	13	1	1.0528	1.0525	-0.0003	0.967	0.9669	0.0001
2023-10-23T14:31:09	2	0	61	45	16	0.9443	0.9453	0.0011	0.9604	0.9607	-0.0003
2023-10-23T14:31:14	2	0	5	6	-1	1.0017	1.0015	-0.0002	0.9778	0.9786	-0.0008
2023-10-23T14:31:15	2	0	51	51	0	0.9628	0.9628	0.0000	0.9918	0.9918	0.0000
2023-10-23T14:31:43	2	0	15	15	0	1.0475	1.0474	0.0000	-0.9963	-0.9963	0.0000
2023-10-23T14:31:53	3	0	7	7	0	1.0390	1.0390	0.0000	0.994	0.9939	0.0001
2023-10-23T14:32:01	2	0	2	2	0	1.0620	1.0620	-0.0001	0.9802	0.9799	0.0003
2023-10-23T14:32:19	1	0	1	1	0	1.0568	1.0567	-0.0001	0.999	0.999	0.0000
2023-10-23T14:32:27	2	0	2	1	1	1.0734	1.0605	-0.0129	0.9966	0.9947	0.0019
2023-10-23T14:32:45	4	0	46	46	0	1.0539	1.0539	0.0000	0.968	0.9679	0.0001
2023-10-23T14:32:50	1	0	96	96	0	0.9410	0.9411	0.0001	0.9636	0.9689	-0.0053
2023-10-23T14:33:48	1	0	1	1	0	1.0587	1.0585	-0.0002	0.9637	0.9637	0.0000
2023-10-23T14:33:57	2	0	340	336	4	1.0602	1.0602	0.0000	-0.9825	-0.9827	0.0002
2023-10-23T14:34:10	1	0	22	21	1	1.0550	1.0551	0.0000	0.9899	0.99	-0.0001
2023-10-23T14:34:10	2	0	2	2	0	0.9969	0.9967	-0.0003	0.9146	0.9146	0.0000
2023-10-23T14:34:20	1	0	1	1	0	1.0361	1.0358	-0.0003	-0.9961	-0.9961	0.0000
2023-10-23T14:34:34	1	0	73	71	2	1.0539	1.0538	0.0000	-0.9523	-0.9523	0.0000
2023-10-23T14:34:58	1	0	12	12	0	0.9868	0.9868	0.0001	-0.9964	-0.9964	0.0000
2023-10-23T14:35:11	3	0	15	14	1	1.0483	1.0484	0.0001	0.9848	0.9842	0.0006
2023-10-23T14:35:52	5	0	15	15	0	1.0495	1.0494	-0.0001	0.9198	0.9195	0.0003
2023-10-23T14:36:10	1	0	4	4	0	1.0118	1.0118	0.0000	1	1	0.0000
2023-10-23T14:36:52	1	0	5	5	0	1.0280	1.0279	-0.0001	0.9996	0.9996	0.0000
2023-10-23T14:37:34	1	0	15	15	0	1.0447	1.0446	-0.0001	-0.9995	-0.9995	0.0000
2023-10-23T14:38:03	3	0	2	2	0	1.0321	1.0315	-0.0005	0.9968	0.9967	0.0001
2023-10-23T14:38:48	3	0	1	1	0	0.9383	0.9385	0.0002	0.9949	0.9949	0.0000
2023-10-23T14:38:58	6	0	228	225	3	1.0579	1.0578	0.0000	-0.958	-0.9579	-0.0001
2023-10-23T14:39:15	1	0	21	20	1	1.0461	1.0461	0.0000	0.9994	0.9994	0.0000
2023-10-23T14:39:36	1	0	20	20	0	1.0306	1.0305	-0.0001	0.9897	0.9896	0.0001
2023-10-23T14:39:50	1	0	203	202	1	1.0677	1.0677	0.0000	0.983	0.9827	0.0003
2023-10-23T14:40:32	1	0	3	3	0	0.8566	0.8566	0.0000	0.9992	0.9993	-0.0001
2023-10-23T14:40:57	1	0	4	4	0	1.0508	1.0507	-0.0001	-0.9979	-0.9979	0.0000
2023-10-23T14:42:45	1	0	1	1	0	1.0147	1.0147	0.0000	0.9449	0.9448	0.0001
2023-10-23T14:42:58	1	0	83	83	0	1.1304	1.1302	-0.0002	-0.9948	-0.9948	0.0000
2023-10-23T14:43:26	4	0	7	7	0	1.0472	1.0469	-0.0002	0.9938	0.9934	0.0004
2023-10-23T14:43:42	1	0	3	3	0	1.0266	1.0265	-0.0001	0.9793	0.9793	0.0000
2023-10-23T14:43:47	1	0	4	4	0	1.0084	1.0084	0.0000	-0.9711	-0.9709	-0.0002
2023-10-23T14:44:19	2	0	4	4	0	1.0302	1.0296	-0.0006	0.9998	0.9997	0.0001
2023-10-23T14:44:38	1	0	299	288	11	1.0622	1.0621	-0.0001	-0.8759	-0.8778	0.0019
2023-10-23T14:44:45	1	0	62	61	1	1.0505	1.0504	-0.0001	-0.9877	-0.9877	0.0000
2023-10-23T14:44:57	1	0	1	1	0	1.0373	1.0373	0.0000	-0.9975	-0.9976	0.0001
2023-10-23T14:45:00	2	0	2	1	1	1.0558	1.0550	-0.0009	0.9862	0.9861	0.0001
2023-10-23T14:46:15	2	0	5	5	0	1.0023	1.0022	-0.0001	0.978	0.9787	-0.0007
2023-10-23T14:46:44	1	0	19	19	0	1.0468	1.0466	-0.0001	-0.996	-0.9961	0.0001
2023-10-23T14:49:10	1	0	8	8	0	0.9575	0.9579	0.0004	0.9071	0.9071	0.0000
2023-10-23T14:49:36	1	0	2	2	0	1.0331	1.0331	0.0000	1	1	0.0000
2023-10-23T14:50:32	3	0	7	7	0	1.0495	1.0494	-0.0001	-0.7095	-0.7095	0.0000
2023-10-23T14:51:11	3	0	3	3	0	1.0185	1.0184	-0.0001	-0.9999	-1	0.0001
2023-10-23T14:53:58	3	0	212	209	3	1.0574	1.0574	0.0000	-0.962	-0.9618	-0.0002
2023-10-23T14:55:33	1	0	3	3	0	1.0323	1.0317	-0.0006	-0.997	-0.9971	0.0001
2023-10-23T14:57:12	1	0	12	12	0	1.0533	1.0532	0.0000	0.9914	0.9914	0.0000
2023-10-23T14:57:46	1	0	2	2	0	1.0166	1.0166	0.0000	0.9511	0.951	0.0001
2023-10-23T14:58:27	1	0	3	3	0	1.0020	1.0025	0.0005	0.9894	0.9761	0.0133
2023-10-23T15:01:55	3	0	11	11	0	1.0374	1.0374	0.0000	0.9942	0.994	0.0002

2023-10-23T15:02:21	1	0	2	2	0	1.0385	1.0383	-0.0001	0.9995	0.9995	0.0000
2023-10-23T15:04:11	1	0	1	2	-1	0.9430	0.9995	0.0565	0.9393	0.94	-0.0007
2023-10-23T15:05:13	4	0	10	10	0	1.0478	1.0476	-0.0002	0.9839	0.9835	0.0004
2023-10-23T15:05:26	1	0	13	11	2	1.0406	1.0406	0.0000	0.9876	0.9876	0.0000
2023-10-23T15:05:33	2	0	2	2	0	1.0391	1.0389	-0.0003	0.9326	0.9324	0.0002
2023-10-23T15:05:33	1	0	7	7	0	1.0506	1.0505	0.0000	-0.7198	-0.7196	-0.0002
2023-10-23T15:06:12	1	0	5	5	0	1.0166	1.0165	0.0000	-0.9992	-0.9993	0.0001
2023-10-23T15:07:59	1	0	22	22	0	1.0488	1.0488	0.0000	0.9991	0.9991	0.0000
2023-10-23T15:11:13	1	0	2	0	2	1.0490	null	null	-0.983	-0.9835	0.0005
2023-10-23T15:12:22	1	0	44	44	0	1.0488	1.0488	0.0000	-0.9971	-0.9971	0.0000
2023-10-23T15:14:02	1	0	4	4	0	1.0128	1.0128	0.0000	0.9869	0.9869	0.0000
2023-10-23T15:16:25	1	0	9	9	0	1.0252	1.0251	-0.0001	0.9887	0.9887	0.0000
2023-10-23T15:21:04	1	0	3	3	0	1.0248	1.0247	-0.0001	0.9815	0.9815	0.0000
2023-10-23T15:21:13	1	0	4	4	0	1.0130	1.0130	0.0000	-0.9983	-0.9985	0.0002
2023-10-23T15:27:23	1	0	62	62	0	1.0496	1.0496	0.0000	-0.9971	-0.9971	0.0000
2023-10-23T15:31:14	1	0	5	4	1	1.0367	1.0341	-0.0026	0.9429	0.9414	0.0015
2023-10-23T15:32:54	1	0	2	1	1	1.0589	1.0553	-0.0036	0.947	0.9466	0.0004
2023-10-23T15:33:25	1	0	15	15	0	1.0479	1.0477	-0.0001	0.8747	0.8741	0.0006
2023-10-23T15:42:13	1	0	3	3	0	1.0039	1.0037	-0.0002	0.9981	0.9987	-0.0006
2023-10-23T15:42:24	2	0	79	78	1	1.0517	1.0517	0.0000	-0.9962	-0.9961	-0.0001
2023-10-23T15:44:45	1	0	45	42	3	0.9783	0.9786	0.0004	0.9568	0.9616	-0.0048
2023-10-23T15:49:15	4	0	12	12	0	0.9480	0.9479	-0.0001	-1	-1	0.0000
2023-10-23T15:55:41	1	0	78	78	0	1.0550	1.0550	0.0000	-0.9948	-0.9948	0.0000
2023-10-23T15:56:27	1	0	9	9	0	1.0274	1.0273	-0.0001	0.999	0.9991	-0.0001
2023-10-23T15:59:47	1	0	4	4	0	1.0314	1.0310	-0.0004	0.9998	0.9998	0.0000
2023-10-23T16:04:15	1	0	2	3	-1	0.9408	0.9789	0.0381	0.9394	0.9395	-0.0001
2023-10-23T16:04:45	2	0	38	37	1	1.0493	1.0493	0.0000	0.9997	0.9997	0.0000
2023-10-23T16:18:23	1	0	5	5	0	1.0311	1.0311	0.0000	0.9663	0.9663	0.0000
2023-10-23T16:19:35	1	0	12	10	2	1.0358	1.0346	-0.0012	0.9627	0.9624	0.0003
2023-10-23T16:35:47	1	0	8	8	0	1.0359	1.0359	0.0000	-0.9996	-0.9996	0.0000
2023-10-23T17:04:19	1	0	85	85	0	0.9462	0.9432	-0.0031	0.9669	0.9667	0.0002
2023-10-23T17:21:00	1	0	57	54	3	0.9408	0.9409	0.0001	-0.9955	-0.9952	-0.0003
2023-10-23T17:55:45	1	0	17	16	1	0.9435	0.9435	0.0000	0.9989	0.9989	0.0000
2023-10-24T07:54:43	1	0	113	113	0	0.9329	0.9330	0.0001	-0.9965	-0.9965	0.0000
2023-10-24T07:55:43	1	0	217	216	1	0.8924	0.8924	0.0000	-0.9989	-0.9988	-0.0001
2023-10-24T08:09:32	1	0	66	68	-2	0.9691	0.9690	-0.0001	0.9783	0.9783	0.0000
2023-10-24T08:10:34	1	0	28	28	0	0.9404	0.9405	0.0000	0.857	0.857	0.0000
2023-10-24T08:13:46	2	0	2	2	0	1.0281	1.0279	-0.0002	-0.9795	-0.9795	0.0000
2023-10-24T08:14:17	1	0	27	26	1	1.0521	1.0520	-0.0002	-0.9365	-0.9359	-0.0006
2023-10-24T08:16:24	2	0	128	128	0	1.0681	1.0680	-0.0001	-0.9887	-0.9887	0.0000
2023-10-24T08:36:55	1	0	1	1	0	0.9339	0.9342	0.0003	0.9999	1	-0.0001
2023-10-24T08:38:17	4	0	561	557	4	1.0630	1.0630	0.0000	-0.977	-0.9769	-0.0001
2023-10-24T08:40:20	1	0	63	59	4	1.0552	1.0552	0.0000	0.9997	0.9997	0.0000
2023-10-24T08:40:46	1	0	42	42	0	0.9420	0.9421	0.0001	-0.9951	-0.9948	-0.0003
2023-10-24T08:59:20	1	0	47	46	1	1.0536	1.0535	-0.0001	-0.9304	-0.9298	-0.0006
2023-10-24T09:09:28	2	0	8	8	0	1.0523	1.0520	-0.0002	0.988	0.9877	0.0003
2023-10-24T09:12:43	1	0	2	2	0	1.0054	1.0052	-0.0002	0.988	0.988	0.0000
2023-10-24T09:13:50	1	0	11	11	0	1.0409	1.0408	-0.0001	-0.9928	-0.9928	0.0000
2023-10-24T09:15:15	2	0	402	401	1	1.0557	1.0556	0.0000	0.9841	0.9841	0.0000
2023-10-24T09:16:52	1	0	148	147	1	1.0557	1.0557	0.0000	0.9746	0.9747	-0.0001
2023-10-24T09:20:42	2	0	29	28	1	1.0507	1.0507	-0.0001	-0.9951	-0.9952	0.0001
2023-10-24T09:21:24	1	0	3	3	0	0.9937	0.9936	-0.0001	0.9792	0.9796	-0.0004
2023-10-24T09:21:59	1	0	26	24	2	1.0464	1.0457	-0.0007	0.9665	0.9666	-0.0001
2023-10-24T09:29:10	2	0	2	2	0	1.0318	1.0316	-0.0003	-0.99	-0.9902	0.0002
2023-10-24T09:31:34	1	0	10	10	0	1.0349	1.0349	0.0000	0.9924	0.9922	0.0002
2023-10-24T09:31:53	1	0	278	278	0	1.0580	1.0580	0.0000	0.9747	0.9748	-0.0001
2023-10-24T09:32:32	1	0	1	1	0	1.0197	1.0193	-0.0004	0.9705	0.9704	0.0001
2023-10-24T09:35:28	1	0	36	35	1	1.0551	1.0550	-0.0001	0.9736	0.9735	0.0001
2023-10-24T09:35:43	3	0	33	32	1	1.0490	1.0485	-0.0005	-0.9936	-0.9938	0.0002
2023-10-24T09:36:33	1	0	8	8	0	0.9908	0.9906	-0.0002	0.9886	0.9885	0.0001
2023-10-24T09:38:14	5	0	30	30	0	1.0388	1.0385	-0.0003	1	1	0.0000
2023-10-24T09:40:50	1	0	4	4	0	1.0144	1.0144	-0.0001	0.9966	0.9963	0.0003
2023-10-24T09:40:57	1	0	9	9	0	1.0251	1.0251	0.0000	0.9942	0.9942	0.0000
2023-10-24T09:41:00	1	0	2	2	0	1.0120	1.0102	-0.0018	0.9959	0.9965	-0.0006
2023-10-24T09:44:11	1	0	4	4	0	1.0409	1.0407	-0.0001	-0.9864	-0.9864	0.0000
2023-10-24T09:45:47	2	0	48	48	0	0.9404	0.9403	-0.0001	0.9935	0.9934	0.0001
2023-10-24T09:45:48	1	0	1	1	0	0.8970	0.8973	0.0003	0.9927	0.9927	0.0000
2023-10-24T09:50:06	2	0	11	11	0	1.0418	1.0417	-0.0001	0.9857	0.9857	0.0000
2023-10-24T09:50:14	3	0	162	159	3	0.9016	0.9018	0.0002	0.8757	0.876	-0.0003
2023-10-24T09:50:29	1	0	39	37	2	1.0549	1.0548	-0.0001	0.9735	0.9734	0.0001
2023-10-24T09:52:01	1	0	8	8	0	1.0191	1.0191	0.0000	0.9756	0.9752	0.0004
2023-10-24T09:53:34	5	0	53	49	4	0.9331	0.9342	0.0010	0.9931	0.9934	-0.0003
2023-10-24T09:54:51	3	0	2	2	0	1.0558	1.0501	-0.0056	-0.9934	-0.9935	0.0001
2023-10-24T09:55:59	1	0	3	3	0	1.0211	1.0209	-0.0002	0.9598	0.964	-0.0042
2023-10-24T09:56:15	1	0	2	2	0	1.0125	1.0106	-0.0019	0.9967	0.9954	0.0013
2023-10-24T09:59:24	1	0	48	48	0	1.0535	1.0535	0.0000	-0.9077	-0.9069	-0.0008
2023-10-24T10:00:18	2	0	32	32	0	1.0497	1.0497	0.0000	0.9896	0.9896	0.0000
2023-10-24T10:00:48	2	0	46	46	0	0.9270	0.9270	0.0000	0.9945	0.9945	0.0000
2023-10-24T10:00:49	1	0	1	1	0	0.9161	0.9161	0.0000	0.9933	0.9933	0.0000
2023-10-24T10:01:45	2	0	1	1	0	1.0304	1.0296	-0.0008	0.9931	0.9923	0.0008
2023-10-24T10:01:55	1	0	162	162	0	1.0557	1.0557	0.0000	0.9722	0.9723	-0.0001
2023-10-24T10:03:50	1	0	1	1	0	0.9384	0.9392	0.0008	-0.9961	-0.996	-0.0001
2023-10-24T10:05:08	2	0	11	11	0	1.0389	1.0387	-0.0001	0.9843	0.9843	0.0000
2023-10-24T10:05:14	1	0	2	2	0	0.9435	0.9441	0.0006	0.9221	0.9224	-0.0003
2023-10-24T10:05:30	4	0	30	27	3	1.0557	1.0554	-0.0002	0.9726	0.9722	0.0004

2023-10-24T10:06:01	1	0	2	2	0	1.0522	1.0519	-0.0002	0.986	0.9858	0.0002
2023-10-24T10:06:27	1	0	3	3	0	0.9958	0.9956	-0.0002	0.976	0.9767	-0.0007
2023-10-24T10:06:35	1	0	7	7	0	0.9923	0.9920	-0.0003	0.9882	0.9881	0.0001
2023-10-24T10:07:01	1	0	1	0	1	0.9438	null	null	-1	-1	0.0000
2023-10-24T10:07:02	1	0	31	24	7	1.0426	1.0415	-0.0011	0.9772	0.9771	0.0001
2023-10-24T10:07:48	3	0	4	4	0	1.0414	1.0410	-0.0005	-0.9839	-0.9843	0.0004
2023-10-24T10:08:16	5	0	25	24	1	1.0400	1.0393	-0.0007	-1	-1	0.0000
2023-10-24T10:08:35	3	0	60	53	7	0.9321	0.9333	0.0012	0.9925	0.9928	-0.0003
2023-10-24T10:09:32	2	0	11	9	2	1.0549	1.0532	-0.0017	0.9775	0.9764	0.0011
2023-10-24T10:09:40	2	0	17	17	0	0.9807	0.9808	0.0001	0.9756	0.9755	0.0001
2023-10-24T10:10:03	1	0	8	8	0	1.0206	1.0206	0.0000	-0.9963	-0.9963	0.0000
2023-10-24T10:10:26	2	0	35	33	2	1.0543	1.0539	-0.0004	0.9998	0.9997	0.0001
2023-10-24T10:10:52	1	0	4	4	0	1.0131	1.0130	-0.0001	0.9988	0.9986	0.0002
2023-10-24T10:10:59	1	0	6	6	0	1.0232	1.0232	-0.0001	0.9959	0.9959	0.0000
2023-10-24T10:11:45	1	0	3	2	1	1.0312	1.0121	-0.0191	0.9996	0.9995	0.0001
2023-10-24T10:11:56	1	0	19	18	1	1.0570	1.0571	0.0001	0.9392	0.9392	0.0000
2023-10-24T10:12:26	2	0	2	2	0	0.9974	0.9977	0.0002	-0.9854	-0.9852	-0.0002
2023-10-24T10:13:54	3	0	4	4	0	1.0341	1.0320	-0.0021	-0.9906	-0.9911	0.0005
2023-10-24T10:14:13	3	0	3	3	0	1.0471	1.0467	-0.0004	-0.9803	-0.981	0.0007
2023-10-24T10:14:25	1	0	67	65	2	1.0548	1.0545	-0.0003	-0.9115	-0.9117	0.0002
2023-10-24T10:14:53	1	0	17	15	2	1.0546	1.0539	-0.0007	0.9754	0.9753	0.0001
2023-10-24T10:16:37	2	0	10	10	0	1.0343	1.0342	-0.0002	0.9943	0.994	0.0003
2023-10-24T10:16:49	1	0	29	29	0	1.0461	1.0461	0.0000	-0.9948	-0.9948	0.0000
2023-10-24T10:17:21	1	0	6	6	0	1.0294	1.0293	-0.0001	0.9956	0.9956	0.0000
2023-10-24T10:18:11	2	0	7	6	1	1.0499	1.0483	-0.0016	0.9683	0.968	0.0003
2023-10-24T10:19:45	4	0	2	2	0	1.0396	1.0379	-0.0017	-0.9999	-0.9999	0.0000
2023-10-24T10:20:17	2	0	3	3	0	1.0463	1.0459	-0.0004	-0.7392	-0.7401	0.0009
2023-10-24T10:20:31	1	0	35	33	2	1.0566	1.0565	-0.0001	0.972	0.9718	0.0002
2023-10-24T10:20:46	10	0	41	38	3	1.0514	1.0503	-0.0011	-0.9917	-0.9925	0.0008
2023-10-24T10:20:56	2	0	4	4	0	1.0297	1.0295	-0.0002	-0.9993	-0.9992	-0.0001
2023-10-24T10:22:51	2	0	30	29	1	1.0492	1.0488	-0.0005	-0.9994	-0.9994	0.0000
2023-10-24T10:23:24	12	0	449	427	22	1.0639	1.0637	-0.0002	-0.9772	-0.9775	0.0003
2023-10-24T10:24:41	2	0	16	16	0	0.9837	0.9836	-0.0001	0.9745	0.9743	0.0002
2023-10-24T10:25:27	1	0	27	24	3	1.0530	1.0535	0.0005	0.9999	0.9999	0.0000
2023-10-24T10:25:53	4	0	5	5	0	1.0136	1.0130	-0.0006	0.9993	0.9987	0.0006
2023-10-24T10:27:02	1	0	20	20	0	1.0468	1.0468	0.0000	-0.9997	-0.9997	0.0000
2023-10-24T10:27:12	1	0	3	2	1	1.0525	1.0374	-0.0151	0.9998	0.9993	0.0005
2023-10-24T10:27:48	1	0	2	2	0	1.0078	1.0074	-0.0005	0.9888	0.9886	0.0002
2023-10-24T10:28:26	1	0	3	3	0	1.0219	1.0218	-0.0001	0.9812	0.9811	0.0001
2023-10-24T10:30:22	3	0	1	0	1	1.0135	null	null	0.9823	0.9823	0.0000
2023-10-24T10:31:13	5	0	18	14	4	1.0436	1.0444	0.0007	-0.9991	-0.9992	0.0001
2023-10-24T10:31:50	1	0	45	45	0	1.0488	1.0488	0.0000	-0.9931	-0.9931	0.0000
2023-10-24T10:34:08	5	0	16	10	6	1.0532	1.0551	0.0019	0.9992	0.9992	0.0000
2023-10-24T10:34:46	2	0	1	1	0	1.0357	1.0354	-0.0003	-1	-1	0.0000
2023-10-24T10:34:54	8	0	17	16	1	1.0490	1.0483	-0.0007	0.9836	0.9825	0.0011
2023-10-24T10:35:32	1	0	43	41	2	1.0563	1.0561	-0.0001	0.9713	0.9707	0.0006
2023-10-24T10:38:43	1	0	360	353	7	1.0605	1.0604	-0.0001	-0.9768	-0.9768	0.0000
2023-10-24T10:40:54	1	0	5	5	0	1.0142	1.0140	-0.0001	0.9996	0.9994	0.0002
2023-10-24T10:42:28	2	0	1	1	0	0.9935	0.9941	0.0006	-0.9848	-0.9846	-0.0002
2023-10-24T10:44:39	1	0	1	1	0	1.0248	1.0247	-0.0001	-0.9994	-0.9994	0.0000
2023-10-24T10:45:52	3	0	2	2	0	0.9841	0.9835	-0.0007	0.9921	0.9919	0.0002
2023-10-24T10:45:54	1	0	3	1	2	1.0328	1.0264	-0.0064	0.9033	0.9038	-0.0005
2023-10-24T10:46:16	1	0	16	16	0	1.0501	1.0500	-0.0001	0.9628	0.9621	0.0007
2023-10-24T10:47:23	1	0	10	10	0	1.0183	1.0183	-0.0001	0.9928	0.9926	0.0002
2023-10-24T10:47:37	1	0	1	0	1	1.0555	null	null	0.9561	0.956	0.0001
2023-10-24T10:48:01	2	0	11	10	1	1.0480	1.0467	-0.0013	0.9503	0.9502	0.0001
2023-10-24T10:48:45	1	0	1	0	1	1.0557	null	null	0.9446	0.9444	0.0002
2023-10-24T10:49:02	1	0	12	12	0	1.0469	1.0469	0.0000	-0.9914	-0.9914	0.0000
2023-10-24T10:49:22	1	0	10	10	0	1.0541	1.0540	-0.0002	0.9985	0.9984	0.0001
2023-10-24T10:51:04	2	0	5	5	0	1.0509	1.0507	-0.0002	0.9855	0.9852	0.0003
2023-10-24T10:52:25	1	0	7	7	0	1.0353	1.0352	0.0000	0.9765	0.9764	0.0001
2023-10-24T10:55:06	1	0	12	12	0	1.0210	1.0210	0.0000	-0.9966	-0.9966	0.0000
2023-10-24T10:58:11	1	0	8	8	0	1.0392	1.0392	-0.0001	0.9975	0.9975	0.0000
2023-10-24T11:00:24	4	0	1	1	0	1.0158	1.0120	-0.0038	0.9892	0.9887	0.0005
2023-10-24T11:00:43	2	0	1	1	0	1.0572	1.0567	-0.0005	0.9926	0.9925	0.0001
2023-10-24T11:03:02	1	0	15	15	0	1.0173	1.0173	0.0000	0.9422	0.9421	0.0001
2023-10-24T11:03:46	2	0	1	1	0	1.0570	1.0557	-0.0013	0.9407	0.9403	0.0004
2023-10-24T11:03:57	1	0	7	7	0	1.0425	1.0425	-0.0001	0.9978	0.9978	0.0000
2023-10-24T11:05:20	3	0	8	7	1	1.0502	1.0507	0.0005	-0.7189	-0.721	0.0021
2023-10-24T11:05:34	1	0	40	39	1	1.0583	1.0578	-0.0005	0.9699	0.9697	0.0002
2023-10-24T11:05:49	8	0	61	58	3	1.0550	1.0548	-0.0003	-0.99	-0.9904	0.0004
2023-10-24T11:06:39	2	0	7	7	0	1.0025	1.0026	0.0001	0.9884	0.9885	-0.0001
2023-10-24T11:07:54	2	0	24	24	0	1.0503	1.0502	-0.0001	-0.9964	-0.9966	0.0002
2023-10-24T11:09:36	1	0	204	204	0	1.0643	1.0643	0.0000	0.9626	0.9613	0.0013
2023-10-24T11:10:19	1	0	1	0	1	0.9450	null	null	0.9949	0.9949	0.0000
2023-10-24T11:10:30	1	0	28	27	1	1.0533	1.0531	-0.0001	1	1	0.0000
2023-10-24T11:10:56	3	0	2	2	0	1.0242	1.0236	-0.0007	-0.9892	-0.9897	0.0005
2023-10-24T11:11:04	1	0	4	4	0	1.0286	1.0283	-0.0004	0.9637	0.9586	0.0051
2023-10-24T11:11:54	1	0	2	2	0	1.0721	1.0716	-0.0006	-0.9999	-0.9999	0.0000
2023-10-24T11:13:26	2	0	6	4	2	1.0480	1.0349	-0.0131	0.9994	0.9986	0.0008
2023-10-24T11:13:58	8	0	17	13	4	1.0470	1.0439	-0.0031	-0.9908	-0.9909	0.0001
2023-10-24T11:14:22	1	0	15	15	0	1.0473	1.0472	-0.0001	0.9803	0.9801	0.0002
2023-10-24T11:14:51	1	0	2	0	2	1.0551	null	null	0.9762	0.9762	0.0000
2023-10-24T11:14:57	1	0	48	45	3	1.0560	1.0560	0.0000	0.9763	0.9761	0.0002
2023-10-24T11:16:19	2	0	16	15	1	1.0466	1.0466	0.0000	-0.9996	-0.9997	0.0001

2023-10-24T11:16:36	2	0	1	1	0	1.0285	1.0279	-0.0006	0.9852	0.9844	0.0008
2023-10-24T11:16:41	1	0	11	11	0	1.0358	1.0357	-0.0001	0.9927	0.9924	0.0003
2023-10-24T11:16:53	1	0	55	54	1	1.0503	1.0502	-0.0001	-0.9917	-0.9917	0.0000
2023-10-24T11:17:34	6	0	44	39	5	1.0530	1.0527	-0.0004	0.9717	0.9715	0.0002
2023-10-24T11:17:39	1	0	96	95	1	0.9044	0.9065	0.0020	0.9441	0.9446	-0.0005
2023-10-24T11:18:15	4	0	13	11	2	1.0521	1.0511	-0.0010	0.9655	0.9641	0.0014
2023-10-24T11:18:45	1	0	1	1	0	1.0569	1.0562	-0.0007	0.9605	0.9603	0.0002
2023-10-24T11:18:58	1	0	3	3	0	1.0722	1.0719	-0.0002	0.9734	0.9732	0.0002
2023-10-24T11:19:24	4	0	30	22	8	1.0488	1.0489	0.0001	0.9809	0.9645	0.0164
2023-10-24T11:20:17	3	0	46	43	3	1.0518	1.0522	0.0003	0.998	0.9979	0.0001
2023-10-24T11:20:21	1	0	13	12	1	1.0505	1.0497	-0.0009	-0.7386	-0.7389	0.0003
2023-10-24T11:21:32	1	0	3	3	0	0.9948	0.9947	-0.0001	0.9795	0.9795	0.0000
2023-10-24T11:23:02	1	0	9	9	0	1.0475	1.0474	-0.0001	0.996	0.996	0.0000
2023-10-24T11:23:46	11	0	534	514	20	1.0643	1.0642	-0.0001	-0.9769	-0.9772	0.0003
2023-10-24T11:25:27	3	0	71	69	2	1.0525	1.0525	0.0000	0.9894	0.9893	0.0001
2023-10-24T11:25:31	1	0	44	43	1	1.0544	1.0544	0.0000	-1	-1	0.0000
2023-10-24T11:25:57	1	0	6	6	0	1.0149	1.0148	0.0000	1	0.9999	0.0001
2023-10-24T11:26:23	1	0	193	181	12	1.0709	1.0679	-0.0030	-0.9956	-0.9906	-0.0050
2023-10-24T11:26:54	1	0	9	9	0	1.0566	1.0565	-0.0001	0.9959	0.9957	0.0002
2023-10-24T11:27:01	1	0	28	27	1	1.0601	1.0600	-0.0001	0.9319	0.9316	0.0003
2023-10-24T11:27:06	1	0	22	22	0	1.0479	1.0479	0.0000	-0.9999	-0.9999	0.0000
2023-10-24T11:27:46	2	0	86	85	1	1.0725	1.0715	-0.0010	-0.9709	-0.9763	0.0054
2023-10-24T11:28:41	4	0	2	1	1	1.0725	1.0570	-0.0155	0.9992	0.9989	0.0003
2023-10-24T11:30:00	1	0	38	37	1	1.0559	1.0559	0.0000	0.9771	0.9769	0.0002
2023-10-24T11:30:54	2	0	44	44	0	0.9259	0.9259	0.0000	0.9899	0.99	-0.0001
2023-10-24T11:31:20	5	0	18	18	0	1.0458	1.0456	-0.0002	-1	-1	0.0000
2023-10-24T11:31:51	3	0	1	1	0	1.0621	1.0621	0.0000	0.993	0.9932	-0.0002
2023-10-24T11:32:01	1	0	183	183	0	1.0560	1.0560	0.0000	0.9645	0.9646	-0.0001
2023-10-24T11:32:05	1	0	1	1	0	1.0386	1.0378	-0.0008	0.9999	0.9999	0.0000
2023-10-24T11:32:35	4	0	40	39	1	1.0516	1.0514	-0.0001	0.9709	0.9709	0.0000
2023-10-24T11:34:35	5	0	48	47	1	1.0501	1.0499	-0.0002	0.9953	0.9952	0.0001
2023-10-24T11:36:54	2	0	26	24	2	1.0508	1.0512	0.0004	-0.9936	-0.9937	0.0001
2023-10-24T11:40:21	1	0	1	1	0	1.0609	1.0607	-0.0002	0.9998	0.9998	0.0000
2023-10-24T11:41:24	1	0	8	8	0	1.0508	1.0508	0.0000	-0.9997	-0.9997	0.0000
2023-10-24T11:44:03	4	0	4	3	1	1.0499	1.0369	-0.0130	0.9975	0.9971	0.0004
2023-10-24T11:45:55	2	0	47	47	0	0.9492	0.9492	0.0000	0.9923	0.9924	-0.0001
2023-10-24T11:46:52	3	0	1	1	0	1.0632	1.0632	0.0000	0.9941	0.9944	-0.0003
2023-10-24T11:47:02	1	0	182	183	-1	1.0559	1.0559	0.0000	0.9661	0.9662	-0.0001
2023-10-24T11:47:06	2	0	1	1	0	1.0593	1.0589	-0.0004	1	1	0.0000
2023-10-24T11:49:36	4	0	47	46	1	1.0500	1.0499	-0.0001	0.9957	0.9957	0.0000
2023-10-24T11:50:23	5	0	6	7	-1	1.0520	1.0512	-0.0008	-0.707	-0.7042	-0.0028
2023-10-24T11:50:55	4	0	4	4	0	1.0521	1.0518	-0.0003	-0.9999	-0.9999	0.0000
2023-10-24T11:51:02	2	0	3	4	-1	1.0310	1.0308	-0.0002	-0.997	-0.9967	-0.0003
2023-10-24T11:56:06	1	0	4	4	0	1.0155	1.0155	0.0000	0.9955	0.9955	0.0000
2023-10-24T11:56:56	1	0	5	8	-3	1.0589	1.0538	-0.0051	0.9955	0.9957	-0.0002
2023-10-24T11:59:32	4	0	2	1	1	1.0692	1.0628	-0.0064	0.9978	0.9975	0.0003
2023-10-24T12:00:56	2	0	47	47	0	0.9487	0.9487	0.0000	0.9934	0.9935	-0.0001
2023-10-24T12:01:53	3	0	1	1	0	1.0639	1.0639	0.0000	0.9944	0.9949	-0.0005
2023-10-24T12:05:29	5	0	8	9	-1	1.0524	1.0529	0.0005	-0.6859	-0.6839	-0.0020
2023-10-24T12:06:56	2	0	1	1	0	1.0421	1.0421	0.0000	0.9965	0.9951	0.0014
2023-10-24T12:10:30	1	0	35	35	0	1.0495	1.0494	-0.0001	0.9885	0.9885	0.0000
2023-10-24T12:11:08	1	0	4	4	0	1.0161	1.0161	0.0000	0.9953	0.9953	0.0000
2023-10-24T12:11:26	1	0	164	164	0	1.0655	1.0655	0.0000	-0.9903	-0.9903	0.0000
2023-10-24T12:12:49	1	0	6	5	1	1.0224	1.0140	-0.0084	-0.9956	-0.9943	-0.0013
2023-10-24T12:14:55	1	0	2	2	0	1.0562	1.0561	-0.0001	0.9798	0.9798	0.0000
2023-10-24T12:17:56	1	0	1	1	0	1.0167	1.0162	-0.0005	0.9976	0.9974	0.0002
2023-10-24T12:26:59	2	0	2	2	0	0.9965	0.9961	-0.0005	0.9963	0.9963	0.0000
2023-10-24T12:27:05	1	0	3	3	0	1.0455	1.0455	0.0000	0.9292	0.9295	-0.0003
2023-10-24T12:51:06	1	0	4	4	0	1.0332	1.0330	-0.0002	-0.9956	-0.9955	-0.0001
2023-10-24T12:59:58	2	0	1	0	1	1.0554	null	null	0.9814	0.9815	-0.0001
2023-10-24T13:02:59	1	0	2	2	0	1.0198	1.0194	-0.0004	0.9979	0.9978	0.0001
2023-10-24T13:05:33	1	0	3	5	-2	1.0569	1.0522	-0.0047	-0.6347	-0.6331	-0.0016
2023-10-24T13:08:48	1	0	5	5	0	1.0343	1.0343	0.0000	1	1	0.0000
2023-10-24T13:27:54	1	0	6	60	-54	1.0390	1.0552	0.0162	-0.9928	-0.9956	0.0028
2023-10-24T13:30:34	1	0	9	9	0	0.9441	0.9446	0.0005	0.968	0.9684	-0.0004
2023-10-24T13:32:43	1	0	9	9	0	1.0324	1.0324	-0.0001	0.9823	0.9824	-0.0001
2023-10-24T13:34:03	1	0	111	71	40	1.0572	1.0580	0.0007	-0.9986	-1	0.0014
2023-10-24T13:35:28	1	0	1	1	0	1.0584	1.0572	-0.0012	0.9342	0.9333	0.0009
2023-10-24T13:47:07	2	0	1	0	1	1.0552	null	null	-0.9773	-0.9773	0.0000
2023-10-24T13:47:11	1	0	430	430	0	1.0591	1.0591	0.0000	0.9639	0.964	-0.0001
2023-10-24T13:53:51	1	0	2	2	0	1.0339	1.0339	0.0000	-1	-1	0.0000
2023-10-24T13:56:15	1	0	7	7	0	1.0188	1.0188	0.0000	0.9988	0.9988	0.0000
2023-10-24T13:57:56	1	0	81	81	0	1.0998	1.0872	-0.0126	-0.9922	-0.9923	0.0001
2023-10-24T14:02:09	2	0	1	0	1	1.0555	null	null	-0.9763	-0.9763	0.0000
2023-10-24T14:02:54	1	0	5	4	1	1.0627	1.0584	-0.0043	0.9998	0.9997	0.0001
2023-10-24T14:03:56	1	0	17	17	0	0.9330	0.9330	0.0000	0.9611	0.9612	-0.0001
2023-10-24T14:04:11	1	0	8	8	0	1.0519	1.0519	0.0000	0.9978	0.9978	0.0000
2023-10-24T14:05:02	9	0	2	2	0	0.9963	0.9951	-0.0012	-0.9996	-0.9996	0.0000
2023-10-24T14:05:30	3	0	3	1	2	1.0473	1.0278	-0.0195	0.9407	0.9398	0.0009
2023-10-24T14:05:37	7	0	10	8	2	1.0549	1.0542	-0.0007	-0.6143	-0.6171	0.0028
2023-10-24T14:11:16	1	0	5	5	0	1.0206	1.0206	0.0000	0.9983	0.9983	0.0000
2023-10-24T14:11:33	1	0	2	2	0	1.0328	1.0327	-0.0002	0.9993	0.9993	0.0000
2023-10-24T14:12:57	1	0	82	82	0	1.1230	1.1225	-0.0005	-0.9924	-0.9924	0.0000
2023-10-24T14:13:24	3	0	6	6	0	1.0424	1.0424	-0.0001	0.9886	0.9884	0.0002
2023-10-24T14:13:41	1	0	2	2	0	1.0278	1.0278	0.0000	0.9756	0.9765	-0.0009

2023-10-24T14:14:31	3	0	5	5	0	1.0497	1.0475	-0.0023	-0.9674	-0.9669	-0.0005
2023-10-24T14:16:05	2	0	48	48	0	0.9503	0.9503	0.0000	0.989	0.989	0.0000
2023-10-24T14:17:13	1	0	250	249	1	1.0565	1.0565	0.0000	0.9643	0.9644	-0.0001
2023-10-24T14:17:37	3	0	10	10	0	1.0337	1.0337	0.0000	0.9853	0.9852	0.0001
2023-10-24T14:18:06	3	0	6	5	1	1.0604	1.0583	-0.0022	0.9999	0.9994	0.0005
2023-10-24T14:18:57	1	0	18	18	0	0.9408	0.9408	0.0000	0.9606	0.9606	0.0000
2023-10-24T14:19:06	2	0	389	387	2	1.0632	1.0632	0.0000	-0.9815	-0.9819	0.0004
2023-10-24T14:20:31	2	0	1	1	0	1.0611	1.0604	-0.0007	0.9248	0.9228	0.0020
2023-10-24T14:20:38	2	0	2	2	0	1.0579	1.0578	-0.0002	-0.6715	-0.6715	0.0000
2023-10-24T14:20:42	11	0	76	76	0	1.0569	1.0569	0.0000	0.9995	0.9995	0.0000
2023-10-24T14:20:48	2	0	4	5	-1	1.0355	1.0332	-0.0023	0.9898	0.99	-0.0002
2023-10-24T14:21:05	2	0	2	2	0	1.0477	1.0476	-0.0002	-0.9995	-0.9995	0.0000
2023-10-24T14:21:44	2	0	4	4	0	1.0028	1.0027	0.0000	0.9704	0.9713	-0.0009
2023-10-24T14:23:05	3	0	1	2	-1	1.0315	1.0313	-0.0002	0.9966	0.9966	0.0000
2023-10-24T14:25:40	1	0	1	1	0	1.0584	1.0583	-0.0001	0.9998	0.9998	0.0000
2023-10-24T14:26:17	1	0	5	5	0	1.0206	1.0206	0.0000	0.9986	0.9986	0.0000
2023-10-24T14:26:34	1	0	4	4	0	1.0403	1.0403	0.0000	0.9999	0.9999	0.0000
2023-10-24T14:27:10	3	0	29	22	7	1.0542	1.0535	-0.0008	-0.9993	-0.9993	0.0000
2023-10-24T14:27:15	1	0	3	3	0	1.0334	1.0331	-0.0004	0.9748	0.9747	0.0001
2023-10-24T14:27:58	1	0	83	83	0	1.1263	1.1259	-0.0004	-0.9915	-0.9915	0.0000
2023-10-24T14:28:25	2	0	6	6	0	1.0429	1.0428	0.0000	0.9883	0.9881	0.0002
2023-10-24T14:28:42	1	0	2	2	0	1.0310	1.0310	0.0000	0.9793	0.9801	-0.0008
2023-10-24T14:29:32	3	0	6	6	0	1.0483	1.0483	0.0000	-0.9695	-0.9697	0.0002
2023-10-24T14:29:54	1	0	2	2	0	1.0317	1.0317	0.0000	-0.9989	-0.9989	0.0000
2023-10-24T14:30:38	4	0	2	2	0	0.9981	0.9981	0.0000	0.9776	0.9775	0.0001
2023-10-24T14:30:57	3	0	13	13	0	1.0486	1.0486	0.0000	0.9956	0.9955	0.0001
2023-10-24T14:31:06	2	0	49	49	0	0.9554	0.9554	0.0000	0.9907	0.9907	0.0000
2023-10-24T14:32:14	1	0	122	122	0	1.0547	1.0547	0.0000	0.9634	0.9635	-0.0001
2023-10-24T14:32:18	2	0	2	2	0	1.0337	1.0335	-0.0002	0.9989	0.9988	0.0001
2023-10-24T14:32:38	3	0	13	13	0	1.0326	1.0325	0.0000	0.9874	0.9873	0.0001
2023-10-24T14:33:22	2	0	2	1	1	1.0709	1.0590	-0.0118	0.9995	0.9996	-0.0001
2023-10-24T14:33:28	1	0	2	2	0	1.0560	1.0558	-0.0002	0.9634	0.9631	0.0003
2023-10-24T14:33:58	1	0	1	1	0	1.0575	1.0574	-0.0001	0.9607	0.9607	0.0000
2023-10-24T14:34:07	1	0	450	445	5	1.0612	1.0618	0.0006	-0.9813	-0.9818	0.0005
2023-10-24T14:35:32	2	0	1	1	0	1.0583	1.0577	-0.0006	0.926	0.9257	0.0003
2023-10-24T14:35:39	4	0	7	7	0	1.0504	1.0502	-0.0002	-0.6645	-0.6652	0.0007
2023-10-24T14:35:50	2	0	3	3	0	1.0385	1.0384	-0.0001	0.9878	0.9878	0.0000
2023-10-24T14:36:26	9	0	46	36	10	1.0545	1.0541	-0.0004	0.9998	0.9998	0.0000
2023-10-24T14:36:45	2	0	4	4	0	1.0029	1.0028	-0.0001	0.9711	0.9718	-0.0007
2023-10-24T14:38:06	3	0	2	2	0	1.0307	1.0305	-0.0002	0.9957	0.9956	0.0001
2023-10-24T14:40:33	1	0	3	3	0	0.9352	0.9353	0.0001	-1	-1	0.0000
2023-10-24T14:40:40	1	0	35	35	0	1.0498	1.0501	0.0003	0.9885	0.9884	0.0001
2023-10-24T14:40:51	1	0	1	1	0	1.0571	1.0570	-0.0001	0.9998	0.9998	0.0000
2023-10-24T14:41:18	1	0	5	5	0	1.0119	1.0119	0.0000	0.9946	0.9946	0.0000
2023-10-24T14:42:16	1	0	3	3	0	1.0318	1.0318	0.0000	0.9793	0.9793	0.0000
2023-10-24T14:43:43	1	0	6	6	0	1.0243	1.0243	-0.0001	0.9721	0.9731	-0.0010
2023-10-24T14:44:33	3	0	6	6	0	1.0481	1.0481	0.0000	-0.9661	-0.9662	0.0001
2023-10-24T14:44:55	1	0	2	2	0	1.0331	1.0331	0.0000	-0.9985	-0.9985	0.0000
2023-10-24T14:45:14	1	0	29	28	1	1.0552	1.0552	0.0000	0.9757	0.9756	0.0001
2023-10-24T14:45:58	2	0	5	5	0	1.0482	1.0482	0.0000	0.9951	0.9951	0.0000
2023-10-24T14:47:19	1	0	3	3	0	1.0344	1.0342	-0.0002	0.999	0.999	0.0000
2023-10-24T14:47:48	2	0	3	3	0	1.0283	1.0278	-0.0004	0.9854	0.9853	0.0001
2023-10-24T14:51:08	1	0	2	2	0	1.0463	1.0462	-0.0001	-0.9986	-0.9986	0.0000
2023-10-24T14:51:22	2	0	2	2	0	1.0311	1.0311	-0.0001	-0.9909	-0.9905	-0.0004
2023-10-24T14:52:08	2	0	19	19	0	1.0507	1.0507	-0.0001	-0.9984	-0.9984	0.0000
2023-10-24T14:54:00	6	0	388	379	9	1.0604	1.0603	0.0000	-0.9727	-0.9728	0.0001
2023-10-24T14:56:01	1	0	1	1	0	1.0599	1.0598	-0.0001	0.9998	0.9998	0.0000
2023-10-24T14:56:13	2	0	4	4	0	1.0164	1.0163	-0.0001	-0.9987	-0.9988	0.0001
2023-10-24T14:56:36	1	0	2	2	0	1.0297	1.0297	0.0000	0.9989	0.9989	0.0000
2023-10-24T14:57:13	2	0	2	2	0	0.9838	0.9828	-0.0010	0.9954	0.9953	0.0001
2023-10-24T14:58:00	1	0	3	3	0	1.0019	1.0020	0.0002	-0.9908	-0.9965	0.0057
2023-10-24T14:58:44	1	0	3	3	0	1.0259	1.0259	-0.0001	0.9734	0.9744	-0.0010
2023-10-24T15:00:06	1	0	1	1	0	1.0385	1.0381	-0.0004	0.9798	0.9797	0.0001
2023-10-24T15:00:45	2	0	65	63	2	1.0532	1.0534	0.0002	0.9835	0.9834	0.0001
2023-10-24T15:01:43	3	0	16	16	0	1.0462	1.0462	-0.0001	-0.9988	-0.9988	0.0000
2023-10-24T15:02:09	1	0	54	54	0	1.0505	1.0504	-0.0001	-0.9904	-0.9906	0.0002
2023-10-24T15:02:55	5	0	48	45	3	1.0530	1.0528	-0.0002	0.965	0.9648	0.0002
2023-10-24T15:04:02	1	0	11	8	3	1.0476	1.0478	0.0002	0.9988	0.999	-0.0002
2023-10-24T15:05:06	2	0	1	1	0	0.9402	0.9405	0.0003	-0.9997	-0.9996	-0.0001
2023-10-24T15:09:03	1	0	371	364	7	1.0570	1.0569	0.0000	0.9832	0.9832	0.0000
2023-10-24T15:12:19	1	0	14	11	3	1.0513	1.0530	0.0016	0.9965	0.9964	0.0001
2023-10-24T15:13:34	1	0	13	13	0	1.0455	1.0455	-0.0001	0.9869	0.9868	0.0001
2023-10-24T15:15:04	1	0	2	2	0	1.0299	1.0297	-0.0002	0.9983	0.9982	0.0001
2023-10-24T15:15:46	2	0	75	74	1	1.0536	1.0536	0.0001	0.9839	0.9839	0.0000
2023-10-24T15:17:55	1	0	1	0	1	1.0584	null	null	0.9587	0.9586	0.0001
2023-10-24T15:19:19	1	0	5	5	0	1.0033	1.0034	0.0001	0.9908	0.991	-0.0002
2023-10-24T15:24:02	2	0	489	486	3	1.0624	1.0624	0.0000	-0.9679	-0.9678	-0.0001
2023-10-24T15:24:04	1	0	423	420	3	1.0575	1.0575	0.0000	0.9831	0.9831	0.0000
2023-10-24T15:37:45	1	0	117	108	9	1.0561	1.0557	-0.0003	0.9982	0.9982	0.0000
2023-10-24T15:40:48	1	0	131	128	3	1.0570	1.0568	-0.0002	-0.9999	-0.9999	0.0000
2023-10-24T15:41:16	1	0	9	9	0	1.0131	1.0130	0.0000	0.9987	-0.9993	-0.0020
2023-10-24T15:41:18	1	0	1	1	0	1.0253	1.0241	-0.0012	-0.9667	-0.9654	-0.0013
2023-10-24T15:47:43	1	0	8	8	0	0.9932	0.9933	0.0001	0.9881	0.9881	0.0000
2023-10-24T15:47:57	1	0	2	0	2	1.0563	null	null	0.9551	0.9547	0.0004
2023-10-24T15:50:58	1	0	5	5	0	0.9513	0.9516	0.0003	-0.999	-0.9988	-0.0002

2023-10-24T15:54:23	1	0	433	432	1	1.0607	1.0607	0.0000	-0.9734	-0.9733	-0.0001
2023-10-24T15:58:04	1	0	6	6	0	1.0202	1.0200	-0.0002	-0.9944	-0.993	-0.0014
2023-10-24T15:58:31	2	0	5	5	0	1.0379	1.0379	0.0000	0.9937	0.9936	0.0001
2023-10-24T16:03:03	3	0	6	6	0	1.0467	1.0466	-0.0001	-0.9359	-0.9362	0.0003
2023-10-24T16:04:06	2	0	2	2	0	0.9379	0.9383	0.0004	0.9464	0.9472	-0.0008
2023-10-24T16:20:11	3	0	22	21	1	0.9533	0.9532	-0.0001	1	1	0.0000
2023-10-24T16:24:25	3	0	610	607	3	1.0622	1.0622	0.0000	-0.9756	-0.9755	-0.0001
2023-10-24T16:43:15	1	0	3	3	0	1.0114	1.0114	0.0000	0.9889	0.9889	0.0000
2023-10-24T16:44:54	1	0	164	163	1	1.0605	1.0605	0.0000	-0.8899	-0.8895	-0.0004
2023-10-24T16:56:23	1	0	1	1	0	1.0388	1.0373	-0.0015	-0.9713	-0.9684	-0.0029
2023-10-24T17:04:11	1	0	67	66	1	0.9429	0.9429	0.0001	0.9636	0.9634	0.0002
2023-10-25T08:14:17	1	0	50	49	1	1.0522	1.0521	-0.0001	-0.9105	-0.91	-0.0005
2023-10-25T08:31:42	1	0	111	110	1	1.0543	1.0543	0.0000	0.9735	0.9736	-0.0001
2023-10-25T08:36:52	1	0	44	39	5	1.0466	1.0464	-0.0002	0.9777	0.9773	0.0004
2023-10-25T08:36:53	1	0	11	10	1	0.9410	0.9417	0.0006	-0.999	-0.999	0.0000
2023-10-25T08:38:11	4	0	251	251	0	1.0592	1.0591	0.0000	-0.9699	-0.9697	-0.0002
2023-10-25T08:46:43	1	0	116	115	1	1.0544	1.0544	0.0000	0.971	0.9711	-0.0001
2023-10-25T08:55:44	1	0	1	1	0	1.0295	1.0291	-0.0004	-0.9825	-0.9822	-0.0003
2023-10-25T09:01:44	1	0	131	130	1	1.0550	1.0550	0.0000	0.9707	0.9708	-0.0001
2023-10-25T09:03:40	1	0	11	11	0	1.0344	1.0343	-0.0001	0.9908	0.991	-0.0002
2023-10-25T09:05:51	1	0	7	7	0	1.0014	1.0013	-0.0001	0.974	0.974	0.0000
2023-10-25T09:10:40	1	0	1	1	0	1.0071	1.0067	-0.0004	0.9879	0.9877	0.0002
2023-10-25T09:13:45	2	0	11	10	1	1.0455	1.0467	0.0013	-0.9652	-0.9653	0.0001
2023-10-25T09:13:46	1	0	6	6	0	1.0032	1.0032	-0.0001	0.98	0.9802	-0.0002
2023-10-25T09:16:50	2	0	41	40	1	1.0520	1.0520	0.0000	-0.9904	-0.9921	0.0017
2023-10-25T09:20:06	1	0	72	72	0	0.9215	0.9217	0.0002	0.9017	0.9019	-0.0002
2023-10-25T09:24:49	1	0	6	6	0	0.9953	0.9954	0.0001	-0.9938	-0.9938	0.0000
2023-10-25T09:25:11	1	0	71	71	0	0.9135	0.9135	0.0001	0.9971	0.9972	-0.0001
2023-10-25T09:27:42	1	0	2	2	0	1.0117	1.0115	-0.0002	0.9895	0.9895	0.0000
2023-10-25T09:28:23	1	0	4	4	0	1.0245	1.0243	-0.0002	0.9963	0.9963	0.0000
2023-10-25T09:29:05	2	0	2	2	0	1.0367	1.0364	-0.0003	-0.9829	-0.9831	0.0002
2023-10-25T09:31:51	3	0	45	37	8	1.0534	1.0527	-0.0007	-0.9917	-0.9932	0.0015
2023-10-25T09:35:09	5	0	530	531	-1	0.8592	0.8593	0.0001	0.8218	0.8223	-0.0005
2023-10-25T09:36:33	1	0	5	5	0	0.9878	0.9877	-0.0001	-0.9957	-0.9957	0.0000
2023-10-25T09:44:06	1	0	3	3	0	1.0430	1.0429	-0.0001	-0.9868	-0.9869	0.0001
2023-10-25T09:45:47	1	0	1	1	0	0.9029	0.9032	0.0003	0.9915	0.9915	0.0000
2023-10-25T09:45:51	1	0	43	35	8	1.0555	1.0545	-0.0010	0.9911	0.9718	0.0193
2023-10-25T09:46:47	1	0	139	139	0	1.0550	1.0550	0.0000	0.9757	0.9758	-0.0001
2023-10-25T09:46:52	5	0	30	30	0	1.0511	1.0511	0.0000	-0.9922	-0.9936	0.0014
2023-10-25T09:48:42	1	0	64	62	2	1.0551	1.0551	0.0000	-0.9988	-0.9989	0.0001
2023-10-25T09:48:49	1	0	46	45	1	0.9364	0.9367	0.0003	-1	-1	0.0000
2023-10-25T09:49:03	1	0	62	62	0	1.0538	1.0536	-0.0002	1	1	0.0000
2023-10-25T09:50:03	2	0	3	3	0	1.0277	1.0276	-0.0001	0.9874	0.9874	0.0000
2023-10-25T09:50:30	1	0	1	1	0	0.9437	0.9443	0.0006	-1	-1	0.0000
2023-10-25T09:50:48	1	0	3	3	0	1.0120	1.0119	-0.0001	0.9996	0.9995	0.0001
2023-10-25T09:51:13	1	0	2	2	0	1.0544	1.0542	-0.0002	0.9771	0.9768	0.0003
2023-10-25T09:51:57	1	0	8	8	0	1.0165	1.0165	0.0000	0.9769	0.9766	0.0003
2023-10-25T09:53:15	4	0	21	20	1	1.0370	1.0377	0.0007	-1	-1	0.0000
2023-10-25T09:53:29	5	0	92	89	3	0.9185	0.9195	0.0010	0.9941	0.9943	-0.0002
2023-10-25T09:55:13	1	0	71	71	0	0.9146	0.9146	0.0000	0.9964	0.9965	-0.0001
2023-10-25T09:55:20	1	0	62	61	1	1.0512	1.0512	0.0000	0.9902	0.9902	0.0000
2023-10-25T09:55:49	1	0	702	723	-21	0.8115	0.8198	0.0083	0.9243	0.9376	-0.0133
2023-10-25T09:57:31	1	0	14	14	0	1.0421	1.0420	0.0000	-0.996	-0.996	0.0000
2023-10-25T09:58:48	2	0	10	10	0	1.0466	1.0466	0.0000	-0.9627	-0.9633	0.0006
2023-10-25T09:59:24	1	0	59	59	0	1.0538	1.0538	0.0000	-0.905	-0.9043	-0.0007
2023-10-25T09:59:41	1	0	1	1	0	1.0379	1.0376	-0.0003	0.9858	0.9857	0.0001
2023-10-25T10:00:48	1	0	1	1	0	0.9042	0.9042	0.0000	0.9919	0.9919	0.0000
2023-10-25T10:01:53	7	0	36	34	2	1.0463	1.0474	0.0011	-0.9902	-0.9905	0.0003
2023-10-25T10:02:31	1	0	1	0	1	1.0230	null	null	0.9904	0.9903	0.0001
2023-10-25T10:02:57	2	0	30	30	0	0.9564	0.9567	0.0003	0.9506	0.9508	-0.0002
2023-10-25T10:03:44	1	0	2	2	0	1.0270	1.0261	-0.0010	0.9841	0.9838	0.0003
2023-10-25T10:05:04	2	0	3	3	0	1.0351	1.0348	-0.0003	0.989	0.989	0.0000
2023-10-25T10:05:16	1	0	1	1	0	1.0459	1.0456	-0.0003	-0.7436	-0.7436	0.0000
2023-10-25T10:06:14	1	0	3	3	0	1.0460	1.0458	-0.0002	0.9749	0.9746	0.0003
2023-10-25T10:06:24	1	0	5	5	0	0.9991	0.9989	-0.0002	0.9709	0.9707	0.0002
2023-10-25T10:06:35	1	0	4	4	0	1.0093	1.0088	-0.0005	-0.9906	-0.9906	0.0000
2023-10-25T10:06:59	1	0	2	2	0	0.9379	0.9393	0.0014	-0.9995	-0.9994	-0.0001
2023-10-25T10:08:18	1	0	141	139	2	1.0582	1.0578	-0.0004	-0.9721	-0.972	-0.0001
2023-10-25T10:08:18	4	0	10	10	0	1.0308	1.0305	-0.0003	-1	-1	0.0000
2023-10-25T10:08:30	3	0	93	90	3	0.9200	0.9211	0.0011	0.9921	0.9923	-0.0002
2023-10-25T10:09:31	2	0	10	9	1	1.0278	1.0254	-0.0024	0.9905	0.99	0.0005
2023-10-25T10:09:33	1	0	13	13	0	1.0053	1.0052	0.0000	0.9764	0.9762	0.0002
2023-10-25T10:09:52	1	0	83	79	4	0.9406	0.9411	0.0005	-0.9936	-0.9936	0.0000
2023-10-25T10:10:02	1	0	9	9	0	1.0210	1.0210	-0.0001	-0.9998	-0.9999	0.0001
2023-10-25T10:10:14	1	0	133	126	7	0.9067	0.9068	0.0001	0.997	0.9971	-0.0001
2023-10-25T10:10:27	2	0	24	22	2	1.0541	1.0539	-0.0001	0.9996	0.9996	0.0000
2023-10-25T10:10:40	2	0	1	0	1	1.0575	null	null	0.9974	0.9972	0.0002
2023-10-25T10:10:59	2	0	9	9	0	1.0066	1.0066	0.0000	-0.9971	-0.9971	0.0000
2023-10-25T10:12:24	2	0	2	2	0	0.9931	0.9933	0.0002	-0.9732	-0.9729	-0.0003
2023-10-25T10:12:32	1	0	8	8	0	1.0414	1.0413	-0.0001	-0.9964	-0.9964	0.0000
2023-10-25T10:12:40	1	0	81	81	0	1.1189	1.0621	-0.0568	-0.9892	-0.9892	0.0000
2023-10-25T10:12:45	1	0	2	2	0	1.0095	1.0091	-0.0004	0.9877	0.9875	0.0002
2023-10-25T10:12:52	1	0	29	29	0	1.0462	1.0462	0.0000	-0.9928	-0.9929	0.0001
2023-10-25T10:13:50	1	0	6	6	0	1.0033	1.0032	-0.0002	0.9786	0.9791	-0.0005
2023-10-25T10:14:10	3	0	4	4	0	1.0430	1.0427	-0.0003	-0.9878	-0.9883	0.0005

2023-10-25T10:14:25	1	0	21	17	4	1.0527	1.0510	-0.0016	-0.8926	-0.8927	0.0001
2023-10-25T10:14:52	1	0	19	18	1	1.0532	1.0531	-0.0002	0.9672	0.9672	0.0000
2023-10-25T10:16:54	2	0	19	16	3	1.0461	1.0467	0.0006	-0.9889	-0.9893	0.0004
2023-10-25T10:17:15	1	0	5	5	0	1.0106	1.0107	0.0000	0.9905	0.9905	0.0000
2023-10-25T10:19:05	4	0	11	9	2	1.0545	1.0550	0.0004	1	1	0.0000
2023-10-25T10:20:12	1	0	70	70	0	0.9197	0.9200	0.0003	0.8979	0.8983	-0.0004
2023-10-25T10:20:28	2	0	3	2	1	1.0423	1.0458	0.0034	0.9996	0.9995	0.0001
2023-10-25T10:20:50	4	0	2	2	0	1.0124	1.0116	-0.0008	-0.9995	-0.9998	0.0003
2023-10-25T10:24:34	3	0	12	12	0	1.0019	1.0018	-0.0001	0.972	0.9718	0.0002
2023-10-25T10:25:51	1	0	136	128	8	0.9480	0.9487	0.0008	0.9787	0.9788	-0.0001
2023-10-25T10:27:25	2	0	2	2	0	0.9960	0.9962	0.0002	-0.9691	-0.9689	-0.0002
2023-10-25T10:28:27	1	0	3	3	0	1.0245	1.0244	-0.0002	0.9967	0.9966	0.0001
2023-10-25T10:28:55	2	0	22	21	1	1.0497	1.0487	-0.0010	-0.9557	-0.9555	-0.0002
2023-10-25T10:30:50	2	0	48	47	1	0.9508	0.9464	-0.0044	0.9925	0.9924	0.0001
2023-10-25T10:30:54	1	0	1	1	0	1.0345	1.0328	-0.0017	0.9059	0.9445	-0.0386
2023-10-25T10:32:31	6	0	47	45	2	1.0517	1.0515	-0.0002	0.975	0.975	0.0000
2023-10-25T10:34:53	3	0	14	14	0	1.0478	1.0475	-0.0002	0.9823	0.9816	0.0007
2023-10-25T10:35:13	1	0	72	72	0	0.9170	0.9171	0.0002	0.9054	0.9057	-0.0003
2023-10-25T10:35:55	1	0	1	1	0	1.0345	1.0341	-0.0004	-0.9978	-0.9977	-0.0001
2023-10-25T10:36:47	2	0	19	19	0	1.0482	1.0481	-0.0001	-0.9951	-0.9952	0.0001
2023-10-25T10:37:00	2	0	21	11	10	1.0460	1.0358	-0.0102	0.9779	0.9777	0.0002
2023-10-25T10:37:52	1	0	1	1	0	1.0570	1.0566	-0.0004	0.9837	0.9836	0.0001
2023-10-25T10:39:54	2	0	1	1	0	1.0566	1.0558	-0.0008	-0.9896	-0.99	0.0004
2023-10-25T10:40:51	1	0	1	1	0	0.9429	0.9432	0.0003	-0.9897	-0.9895	-0.0002
2023-10-25T10:41:53	1	0	2	2	0	1.0745	1.0741	-0.0004	0.9986	0.9986	0.0000
2023-10-25T10:42:01	1	0	4	4	0	1.0453	1.0452	-0.0001	-0.9795	-0.9791	-0.0004
2023-10-25T10:45:51	3	0	2	2	0	0.9822	0.9815	-0.0007	0.9942	0.994	0.0002
2023-10-25T10:45:55	6	0	2	2	0	1.0530	1.0500	-0.0031	0.9865	0.9602	0.0263
2023-10-25T10:46:01	1	0	1	0	1	1.0262	null	null	0.9969	0.9966	0.0003
2023-10-25T10:46:14	1	0	3	3	0	1.0567	1.0564	-0.0003	0.961	0.9604	0.0006
2023-10-25T10:46:39	2	0	10	10	0	1.0343	1.0341	-0.0002	0.9872	0.9869	0.0003
2023-10-25T10:47:17	1	0	6	6	0	1.0305	1.0304	-0.0001	0.9914	0.9913	0.0001
2023-10-25T10:48:46	1	0	93	91	2	1.0565	1.0565	0.0000	-0.9974	-0.9975	0.0001
2023-10-25T10:48:47	1	0	2	2	0	1.0217	1.0213	-0.0004	0.9696	0.9695	0.0001
2023-10-25T10:49:08	3	0	89	88	1	1.0553	1.0548	-0.0006	-1	-1	0.0000
2023-10-25T10:49:56	3	0	16	11	5	1.0482	1.0482	0.0001	0.9813	0.9808	0.0005
2023-10-25T10:50:52	1	0	3	3	0	1.0132	1.0129	-0.0003	-0.9993	-0.9994	0.0001
2023-10-25T10:50:56	1	0	2	2	0	1.0312	1.0310	-0.0002	-0.9947	-0.9946	-0.0001
2023-10-25T10:53:21	4	0	266	263	3	1.0605	1.0605	0.0000	-0.9616	-0.9619	0.0003
2023-10-25T10:54:54	1	0	5	5	0	0.9340	0.9342	0.0003	0.9387	0.9388	-0.0001
2023-10-25T10:55:05	1	0	8	8	0	1.0203	1.0203	0.0000	1	1	0.0000
2023-10-25T10:56:53	1	0	4	4	0	1.0565	1.0564	-0.0001	0.997	0.9968	0.0002
2023-10-25T10:57:39	1	0	13	13	0	1.0472	1.0470	-0.0002	-0.996	-0.9961	0.0001
2023-10-25T10:57:55	1	0	36	36	0	1.0472	1.0472	0.0000	-0.9948	-0.9949	0.0001
2023-10-25T10:58:09	2	0	7	7	0	1.0401	1.0400	-0.0001	0.9977	0.9976	0.0001
2023-10-25T10:58:53	1	0	4	4	0	0.9988	0.9987	-0.0001	0.9747	0.9747	0.0000
2023-10-25T10:58:57	9	0	31	27	4	1.0518	1.0517	-0.0001	-0.9599	-0.9605	0.0006
2023-10-25T10:59:55	1	0	24	23	1	1.0549	1.0547	-0.0001	0.9647	0.9646	0.0001
2023-10-25T11:01:02	1	0	1	0	1	1.0277	null	null	0.9939	0.9935	0.0004
2023-10-25T11:01:24	1	0	1	1	0	1.0270	1.0266	-0.0004	-0.9976	-0.9976	0.0000
2023-10-25T11:01:33	2	0	4	4	0	1.0370	1.0364	-0.0005	0.9838	0.9832	0.0006
2023-10-25T11:01:40	1	0	10	10	0	1.0344	1.0343	-0.0001	0.9873	0.9871	0.0002
2023-10-25T11:01:53	4	0	3	3	0	1.0385	1.0382	-0.0003	0.997	0.996	0.0010
2023-10-25T11:02:18	1	0	11	11	0	1.0130	1.0129	-0.0001	0.9902	0.9901	0.0001
2023-10-25T11:04:57	1	0	16	16	0	1.0480	1.0480	-0.0001	0.9838	0.9837	0.0001
2023-10-25T11:05:20	2	0	2	2	0	1.0514	1.0508	-0.0007	-0.7326	-0.7337	0.0011
2023-10-25T11:06:18	2	0	16	15	1	1.0449	1.0447	-0.0002	0.981	0.9802	0.0008
2023-10-25T11:08:22	9	0	368	360	8	1.0614	1.0614	0.0000	-0.9587	-0.959	0.0003
2023-10-25T11:09:35	1	0	4	4	0	1.0469	1.0468	-0.0002	0.9848	0.9842	0.0006
2023-10-25T11:10:25	3	0	80	79	1	1.0537	1.0537	0.0000	0.9872	0.9871	0.0001
2023-10-25T11:12:25	3	0	3	2	1	1.0516	1.0404	-0.0112	0.9999	0.9997	0.0002
2023-10-25T11:12:40	2	0	15	15	0	1.0480	1.0478	-0.0002	-0.9964	-0.9965	0.0001
2023-10-25T11:13:10	3	0	6	6	0	1.0435	1.0435	0.0000	0.999	0.999	0.0000
2023-10-25T11:14:29	1	0	105	104	1	1.0562	1.0562	0.0000	-0.8705	-0.8698	-0.0007
2023-10-25T11:15:05	2	0	2	2	0	1.0523	1.0512	-0.0012	0.9814	0.9807	0.0007
2023-10-25T11:16:03	1	0	1	1	0	1.0293	1.0289	-0.0004	0.9919	0.9913	0.0006
2023-10-25T11:16:58	7	0	22	22	0	1.0471	1.0467	-0.0004	-0.9965	-0.9967	0.0002
2023-10-25T11:17:19	1	0	27	27	0	1.0385	1.0385	0.0000	0.991	0.9909	0.0001
2023-10-25T11:17:36	1	0	97	96	1	0.9248	0.9272	0.0024	0.9581	0.9586	-0.0005
2023-10-25T11:18:36	1	0	1	1	0	1.0578	1.0571	-0.0007	0.9615	0.9614	0.0001
2023-10-25T11:19:25	4	0	40	38	2	1.0488	1.0484	-0.0004	0.9842	0.984	0.0002
2023-10-25T11:22:44	2	0	7	7	0	1.0475	1.0472	-0.0003	0.998	0.9979	0.0001
2023-10-25T11:23:41	8	0	461	440	21	1.0627	1.0625	-0.0002	-0.9616	-0.962	0.0004
2023-10-25T11:23:45	2	0	88	85	3	1.0496	1.0494	-0.0003	0.9952	0.9952	0.0000
2023-10-25T11:24:57	1	0	5	4	1	1.0542	1.0530	-0.0012	-0.9911	-0.9911	0.0000
2023-10-25T11:25:54	3	0	2	1	1	1.0358	1.0329	-0.0029	-0.9826	-0.9884	0.0058
2023-10-25T11:26:55	1	0	4	4	0	1.0391	1.0388	-0.0003	0.9708	0.9707	0.0001
2023-10-25T11:27:45	1	0	12	11	1	1.0402	1.0381	-0.0021	-0.9698	-0.97	0.0002
2023-10-25T11:27:55	1	0	3	3	0	1.0651	1.0575	-0.0076	1	1	0.0000
2023-10-25T11:28:11	2	0	8	8	0	1.0395	1.0395	0.0000	0.9916	0.9916	0.0000
2023-10-25T11:28:31	1	0	2	2	0	1.0271	1.0271	0.0000	0.9968	0.9968	0.0000
2023-10-25T11:28:59	3	0	5	7	-2	1.0402	1.0431	0.0029	-0.9921	-0.9921	0.0000
2023-10-25T11:30:54	2	0	46	46	0	0.9356	0.9356	0.0000	0.9677	0.9677	0.0000
2023-10-25T11:30:58	1	0	2	2	0	1.0144	1.0142	-0.0003	0.9781	0.9482	0.0299
2023-10-25T11:31:42	3	0	8	8	0	1.0376	1.0376	0.0000	0.9873	0.9872	0.0001

2023-10-25T11:31:54	1	0	151	151	0	1.0554	1.0554	0.0000	0.9723	0.9724	-0.0001
2023-10-25T11:31:55	3	0	1	1	0	1.0583	1.0583	0.0000	0.9944	0.9946	-0.0002
2023-10-25T11:33:15	2	0	1	0	1	1.0563	null	null	0.9679	0.9678	0.0001
2023-10-25T11:33:49	1	0	229	227	2	1.0593	1.0592	-0.0001	-0.9941	-0.9965	0.0024
2023-10-25T11:33:56	1	0	20	18	2	1.0519	1.0515	-0.0004	0.9929	0.9929	0.0000
2023-10-25T11:35:17	4	0	1	0	1	1.0557	null	null	0.917	0.9147	0.0023
2023-10-25T11:35:22	5	0	5	4	1	1.0520	1.0506	-0.0014	-0.7726	-0.7728	0.0002
2023-10-25T11:36:51	2	0	17	17	0	1.0483	1.0483	0.0000	-0.9985	-0.9986	0.0001
2023-10-25T11:37:11	1	0	7	7	0	1.0061	1.0060	-0.0001	0.9707	0.9707	0.0000
2023-10-25T11:39:57	1	0	1	1	0	0.8994	0.8994	0.0000	0.9504	0.9504	0.0000
2023-10-25T11:40:20	1	0	6	7	-1	0.8887	0.8987	0.0100	0.999	0.999	0.0000
2023-10-25T11:40:27	1	0	65	65	0	1.0542	1.0542	0.0000	0.9889	0.9889	0.0000
2023-10-25T11:42:58	1	0	37	37	0	1.0472	1.0472	0.0000	-0.9925	-0.9925	0.0000
2023-10-25T11:43:26	6	0	2	4	-2	1.0711	1.0581	-0.0130	0.9989	0.9979	0.0010
2023-10-25T11:45:55	2	0	45	45	0	0.9325	0.9325	0.0000	0.9711	0.9712	-0.0001
2023-10-25T11:45:59	1	0	4	4	0	1.0520	1.0519	-0.0001	0.9568	0.957	-0.0002
2023-10-25T11:46:43	3	0	7	7	0	1.0363	1.0363	0.0000	0.9851	0.9849	0.0002
2023-10-25T11:46:56	3	0	1	1	0	1.0609	1.0609	0.0000	0.9942	0.9945	-0.0003
2023-10-25T11:48:50	1	0	308	308	0	1.0616	1.0616	0.0000	-0.9948	-0.9946	-0.0002
2023-10-25T11:50:23	5	0	1	2	-1	1.0566	1.0559	-0.0007	-0.7247	-0.7227	-0.0020
2023-10-25T11:50:56	6	0	1	3	-2	1.0170	1.0181	0.0011	0.9987	0.999	-0.0003
2023-10-25T11:51:52	2	0	17	17	0	1.0500	1.0500	0.0000	-0.9983	-0.9983	0.0000
2023-10-25T11:52:18	1	0	6	6	0	1.0067	1.0067	0.0000	0.9696	0.9697	-0.0001
2023-10-25T11:52:46	2	0	5	6	-1	1.0519	1.0505	-0.0014	0.9986	0.9986	0.0000
2023-10-25T11:54:58	1	0	1	1	0	0.9044	0.9044	0.0000	0.9612	0.9612	0.0000
2023-10-25T11:54:59	1	0	1	1	0	1.0551	1.0551	0.0000	-0.9971	-0.9971	0.0000
2023-10-25T11:58:33	1	0	5	6	-1	1.0281	1.0277	-0.0004	0.9965	0.9966	-0.0001
2023-10-25T11:58:52	6	0	2	1	1	1.0694	1.0596	-0.0098	0.9992	0.9991	0.0001
2023-10-25T12:00:56	2	0	44	44	0	0.9288	0.9288	0.0000	0.9736	0.9737	-0.0001
2023-10-25T12:01:44	1	0	8	8	0	1.0381	1.0381	0.0000	0.9862	0.9861	0.0001
2023-10-25T12:01:57	3	0	1	1	0	1.0621	1.0621	0.0000	0.9948	0.9952	-0.0004
2023-10-25T12:02:16	1	0	1	1	0	1.0390	1.0386	-0.0004	0.9998	0.9998	0.0000
2023-10-25T12:03:05	2	0	19	16	3	1.0183	1.0111	-0.0072	0.9326	0.9325	0.0001
2023-10-25T12:03:51	1	0	269	270	-1	1.0603	1.0603	0.0000	-0.9967	-0.994	-0.0027
2023-10-25T12:04:36	3	0	8	8	0	1.0526	1.0526	0.0000	0.9741	0.9742	-0.0001
2023-10-25T12:05:24	5	0	8	9	-1	1.0510	1.0516	0.0006	-0.7261	-0.7249	-0.0012
2023-10-25T12:05:57	5	0	2	2	0	1.0155	1.0149	-0.0006	-0.9999	-1	0.0001
2023-10-25T12:06:53	2	0	17	17	0	1.0522	1.0522	0.0000	-0.9975	-0.9975	0.0000
2023-10-25T12:09:59	1	0	1	1	0	0.9051	0.9051	0.0000	0.9576	0.9576	0.0000
2023-10-25T12:10:00	1	0	1	1	0	1.0571	1.0571	0.0000	-0.9967	-0.9967	0.0000
2023-10-25T12:11:56	2	0	3	3	0	1.0058	1.0055	-0.0003	0.996	0.996	0.0000
2023-10-25T12:13:14	2	0	8	8	0	1.0465	1.0465	0.0000	-0.9967	-0.9966	-0.0001
2023-10-25T12:20:20	2	0	2	2	0	1.0022	1.0018	-0.0004	0.9082	0.9075	0.0007
2023-10-25T12:25:23	1	0	12	10	2	0.9233	0.9180	-0.0053	0.9878	0.9878	0.0000
2023-10-25T12:29:03	2	0	8	8	0	1.0488	1.0451	-0.0037	-0.9866	-0.9863	-0.0003
2023-10-25T12:35:59	1	0	2	2	0	1.0175	1.0171	-0.0003	-0.9996	-0.9997	0.0001
2023-10-25T12:42:50	2	0	2	2	0	0.9734	0.9738	0.0004	-0.9911	-0.9991	0.0080
2023-10-25T12:43:07	4	0	8	10	-2	1.0427	1.0417	-0.0010	-0.995	-0.9947	-0.0003
2023-10-25T12:47:40	2	0	1	1	0	1.0561	1.0554	-0.0007	0.9715	0.972	-0.0005
2023-10-25T12:48:56	1	0	124	122	2	1.0583	1.0583	0.0000	-0.9945	-0.9944	-0.0001
2023-10-25T12:49:01	1	0	3	3	0	1.0161	1.0161	0.0000	0.9908	0.9909	-0.0001
2023-10-25T12:49:44	4	0	2	3	-1	1.0565	1.0503	-0.0062	0.9819	0.9821	-0.0002
2023-10-25T12:59:05	4	0	8	7	1	1.0436	1.0420	-0.0016	-0.9881	-0.9883	0.0002
2023-10-25T13:06:01	2	0	4	4	0	1.0177	1.0175	-0.0002	-0.9976	-0.998	0.0004
2023-10-25T13:17:21	1	0	1	1	0	1.0602	1.0601	-0.0001	1	1	0.0000
2023-10-25T13:17:42	1	0	3	3	0	1.0287	1.0287	0.0000	0.9826	0.9827	-0.0001
2023-10-25T13:18:58	1	0	94	94	0	1.0579	1.0579	0.0000	-0.9893	-0.9892	-0.0001
2023-10-25T13:25:05	1	0	1	2	-1	1.0631	1.0594	-0.0037	-0.9884	-0.9878	-0.0006
2023-10-25T13:35:56	1	0	2	2	0	1.0573	1.0573	0.0000	1	1	0.0000
2023-10-25T13:37:22	2	0	50	43	7	0.9278	0.9284	0.0006	0.979	0.9786	0.0004
2023-10-25T13:42:04	1	0	2	3	-1	1.0541	1.0544	0.0004	0.9954	0.9956	-0.0002
2023-10-25T13:42:54	1	0	81	81	0	1.1376	1.1372	-0.0005	-0.9966	-0.9966	0.0000
2023-10-25T13:43:42	1	0	401	393	8	1.0592	1.0591	-0.0001	0.9415	0.9413	0.0002
2023-10-25T13:44:46	4	0	27	25	2	1.0555	1.0542	-0.0013	0.9969	0.9965	0.0004
2023-10-25T13:46:51	2	0	10	10	0	1.0380	1.0379	-0.0001	0.9846	0.9843	0.0003
2023-10-25T13:47:06	2	0	1	0	1	1.0551	null	null	-0.9875	-0.9875	0.0000
2023-10-25T13:47:23	1	0	2	2	0	1.0483	1.0482	-0.0001	1	1	0.0000
2023-10-25T13:47:44	2	0	2	2	0	1.0390	1.0390	0.0000	0.9833	0.9834	-0.0001
2023-10-25T13:49:00	1	0	243	241	2	1.0576	1.0576	0.0000	-0.9799	-0.98	0.0001
2023-10-25T14:01:14	1	0	3	3	0	0.9693	0.9692	-0.0002	0.9964	0.9963	0.0001
2023-10-25T14:01:17	2	0	5	5	0	1.0467	1.0462	-0.0005	0.9976	0.9967	0.0009
2023-10-25T14:02:11	2	0	1	1	0	1.0561	1.0555	-0.0006	-0.9878	-0.9878	0.0000
2023-10-25T14:05:32	2	0	3	3	0	1.0501	1.0500	-0.0001	-0.6921	-0.6918	-0.0003
2023-10-25T14:05:58	4	0	3	3	0	1.0493	1.0488	-0.0005	-0.9999	-1	0.0001
2023-10-25T14:05:59	1	0	1	1	0	1.0189	1.0182	-0.0007	0.9984	0.9983	0.0001
2023-10-25T14:07:24	3	0	61	59	2	0.9355	0.9355	0.0000	0.9756	0.9747	0.0009
2023-10-25T14:07:55	1	0	1	1	0	1.0187	1.0187	0.0000	0.9951	0.995	0.0001
2023-10-25T14:10:37	1	0	6	6	0	1.0460	1.0460	0.0000	0.9841	0.9842	-0.0001
2023-10-25T14:12:07	1	0	4	4	0	1.0567	1.0567	-0.0001	0.9963	0.9963	0.0000
2023-10-25T14:12:15	2	0	147	147	0	0.8953	0.8954	0.0001	-0.9978	-0.9978	0.0000
2023-10-25T14:12:56	1	0	81	81	0	1.1393	1.1387	-0.0006	-0.9968	-0.9969	0.0001
2023-10-25T14:13:12	1	0	12	12	0	1.0494	1.0493	-0.0002	-0.9976	-0.9977	0.0001
2023-10-25T14:13:42	1	0	3	3	0	1.0273	1.0272	-0.0001	0.9745	0.9744	0.0001
2023-10-25T14:14:48	2	0	31	30	1	1.0553	1.0545	-0.0008	0.9954	0.9952	0.0002
2023-10-25T14:16:05	2	0	46	46	0	0.9238	0.9237	0.0000	0.9637	0.9635	0.0002

2023-10-25T14:16:15	1	0	4	4	0	0.9831	0.9830	-0.0001	0.9955	0.9955	0.0000
2023-10-25T14:16:46	3	0	4	3	1	1.0597	1.0569	-0.0028	0.9977	0.9972	0.0005
2023-10-25T14:17:05	1	0	317	318	-1	1.0577	1.0578	0.0000	0.9704	0.9705	-0.0001
2023-10-25T14:17:25	1	0	1	1	0	1.0569	1.0565	-0.0004	0.9998	0.9998	0.0000
2023-10-25T14:19:02	1	0	431	426	5	1.0588	1.0588	-0.0001	-0.9781	-0.9889	0.0108
2023-10-25T14:20:33	2	0	1	1	0	1.0566	1.0564	-0.0002	-0.7096	-0.7095	-0.0001
2023-10-25T14:20:46	3	0	13	12	1	1.0480	1.0477	-0.0003	0.9081	0.9071	0.0010
2023-10-25T14:20:59	2	0	3	3	0	1.0502	1.0501	-0.0001	-0.9998	-0.9998	0.0000
2023-10-25T14:22:28	3	0	53	50	3	0.9266	0.9269	0.0004	0.9738	0.9741	-0.0003
2023-10-25T14:22:56	1	0	6	6	0	1.0425	1.0425	0.0000	0.9949	0.9949	0.0000
2023-10-25T14:24:13	15	0	432	428	4	1.0614	1.0614	0.0000	-0.957	-0.9571	0.0001
2023-10-25T14:25:09	1	0	4	4	0	1.0556	1.0556	0.0000	-0.9878	-0.9876	-0.0002
2023-10-25T14:25:31	1	0	3	3	0	0.9138	0.9139	0.0000	0.9965	0.9966	-0.0001
2023-10-25T14:26:34	1	0	2	2	0	1.0056	1.0055	-0.0002	0.9572	0.9571	0.0001
2023-10-25T14:27:57	1	0	81	81	0	1.1372	1.1307	-0.0065	-0.9965	-0.9966	0.0001
2023-10-25T14:28:09	1	0	20	20	0	1.0477	1.0477	0.0000	-0.9903	-0.9903	0.0000
2023-10-25T14:28:13	3	0	12	12	0	1.0474	1.0470	-0.0004	-0.9979	-0.998	0.0001
2023-10-25T14:28:43	1	0	3	4	-1	1.0253	1.0255	0.0002	0.9757	0.9765	-0.0008
2023-10-25T14:28:56	1	0	17	17	0	1.0461	1.0460	-0.0001	-0.9999	-0.9999	0.0000
2023-10-25T14:29:11	1	0	4	4	0	1.0267	1.0262	-0.0005	-0.9943	-0.9944	0.0001
2023-10-25T14:29:49	2	0	21	20	1	1.0529	1.0526	-0.0003	0.9957	0.9956	0.0001
2023-10-25T14:31:07	2	0	46	46	0	0.9224	0.9224	0.0000	0.9613	0.9613	0.0000
2023-10-25T14:31:29	2	0	28	29	-1	1.0567	1.0566	-0.0001	0.9505	0.9489	0.0016
2023-10-25T14:31:54	1	0	8	8	0	1.0388	1.0388	0.0000	0.9842	0.984	0.0002
2023-10-25T14:32:00	3	0	2	2	0	1.0436	1.0403	-0.0033	0.9991	0.9982	0.0009
2023-10-25T14:32:06	1	0	387	387	0	1.0584	1.0584	0.0000	0.9698	0.9698	0.0000
2023-10-25T14:32:48	2	0	47	45	2	1.0553	1.0552	-0.0001	0.998	0.9979	0.0001
2023-10-25T14:34:13	1	0	4	4	0	1.0616	1.0614	-0.0002	0.9658	0.9654	0.0004
2023-10-25T14:34:39	1	0	2	2	0	0.9586	0.9592	0.0006	-0.9993	-0.9992	-0.0001
2023-10-25T14:35:14	1	0	16	16	0	1.0482	1.0482	-0.0001	0.9831	0.983	0.0001
2023-10-25T14:35:34	2	0	1	1	0	1.0576	1.0574	-0.0002	-0.7551	-0.7555	0.0004
2023-10-25T14:35:47	3	0	7	6	1	1.0476	1.0477	0.0001	0.9088	0.9078	0.0010
2023-10-25T14:36:00	4	0	14	13	1	1.0452	1.0443	-0.0009	-0.9992	-0.9992	0.0000
2023-10-25T14:36:09	1	0	2	2	0	1.0181	1.0180	-0.0001	-0.9982	-0.9984	0.0002
2023-10-25T14:37:32	3	0	77	75	2	0.9226	0.9229	0.0002	0.9626	0.9628	-0.0002
2023-10-25T14:39:14	6	0	397	397	0	1.0609	1.0609	0.0000	-0.9575	-0.9575	0.0000
2023-10-25T14:40:23	2	0	3	3	0	1.0551	1.0550	-0.0001	-0.9892	-0.9891	-0.0001
2023-10-25T14:40:32	1	0	3	3	0	0.9147	0.9147	0.0000	0.9963	0.9963	0.0000
2023-10-25T14:40:39	1	0	50	50	0	1.0512	1.0512	0.0000	0.9897	0.9897	0.0000
2023-10-25T14:41:35	1	0	1	1	0	1.0030	1.0029	-0.0001	0.956	0.954	0.0020
2023-10-25T14:42:11	1	0	2	2	0	1.0520	1.0519	-0.0001	0.9957	0.9956	0.0001
2023-10-25T14:42:13	1	0	15	14	1	1.0514	1.0510	-0.0003	0.987	0.9869	0.0001
2023-10-25T14:43:10	2	0	18	18	0	1.0484	1.0484	0.0000	-0.9902	-0.9902	0.0000
2023-10-25T14:43:25	3	0	11	11	0	1.0489	1.0487	-0.0002	-0.9983	-0.9983	0.0000
2023-10-25T14:43:44	1	0	4	4	0	1.0254	1.0253	-0.0001	0.9745	0.9744	0.0001
2023-10-25T14:43:52	2	0	420	413	7	1.0608	1.0607	-0.0001	0.9495	0.9486	0.0009
2023-10-25T14:43:57	1	0	20	20	0	1.0441	1.0441	0.0000	1	1	0.0000
2023-10-25T14:44:12	1	0	8	8	0	1.0405	1.0404	-0.0001	-0.9933	-0.9933	0.0000
2023-10-25T14:44:50	2	0	24	24	0	1.0528	1.0527	-0.0001	0.9962	0.9961	0.0001
2023-10-25T14:47:15	1	0	13	12	1	1.0468	1.0468	0.0000	-0.9974	-0.9974	0.0000
2023-10-25T14:49:11	1	0	10	10	0	1.0478	1.0477	-0.0001	0.9905	0.9904	0.0001
2023-10-25T14:50:09	1	0	90	89	1	1.0556	1.0555	-0.0001	0.998	0.998	0.0000
2023-10-25T14:50:46	1	0	1	1	0	1.0371	1.0366	-0.0005	0.9922	0.9923	-0.0001
2023-10-25T14:51:10	5	0	4	4	0	1.0161	1.0160	-0.0001	-0.9994	-0.9996	0.0002
2023-10-25T14:54:15	4	0	427	425	2	1.0612	1.0611	0.0000	-0.9594	-0.9593	-0.0001
2023-10-25T14:55:23	1	0	2	2	0	1.0539	1.0538	-0.0001	-0.9906	-0.9905	-0.0001
2023-10-25T14:55:41	1	0	9	9	0	1.0391	1.0390	-0.0001	0.9581	0.9579	0.0002
2023-10-25T14:57:10	2	0	2	2	0	0.9972	0.9963	-0.0009	0.9961	0.9959	0.0002
2023-10-25T14:57:12	3	0	11	10	1	1.0533	1.0530	-0.0002	-1	-1	0.0000
2023-10-25T14:57:59	1	0	81	81	0	1.1419	1.1417	-0.0002	-0.9967	-0.9967	0.0000
2023-10-25T15:01:18	1	0	3	3	0	1.0328	1.0327	-0.0001	0.9978	0.9977	0.0001
2023-10-25T15:01:56	3	0	9	9	0	1.0398	1.0397	-0.0001	0.9834	0.9829	0.0005
2023-10-25T15:04:05	1	0	333	331	2	1.0586	1.0586	0.0000	-0.9813	-0.9812	-0.0001
2023-10-25T15:06:07	1	0	1	1	0	1.0173	1.0170	-0.0003	0.9714	0.9714	0.0000
2023-10-25T15:06:11	1	0	6	6	0	1.0161	1.0161	0.0000	-0.9975	-0.998	0.0005
2023-10-25T15:07:59	2	0	19	19	0	1.0501	1.0500	0.0000	0.9996	0.9996	0.0000
2023-10-25T15:08:11	3	0	1	0	1	1.0314	null	null	0.9954	0.9953	0.0001
2023-10-25T15:17:29	2	0	3	3	0	1.0363	1.0360	-0.0003	0.9992	0.9992	0.0000
2023-10-25T15:18:53	3	0	3	3	0	1.0335	1.0317	-0.0019	1	0.9999	0.0001
2023-10-25T15:19:33	3	0	29	28	1	1.0464	1.0460	-0.0005	0.9583	0.9582	0.0001
2023-10-25T15:20:50	2	0	11	11	0	1.0473	1.0472	-0.0001	0.9119	0.9118	0.0001
2023-10-25T15:23:12	3	0	2	2	0	1.0311	1.0303	-0.0008	0.9959	0.9956	0.0003
2023-10-25T15:35:38	1	0	5	5	0	1.0480	1.0479	-0.0001	-0.7878	-0.7873	-0.0005
2023-10-25T15:50:41	1	0	2	2	0	1.0461	1.0459	-0.0002	-0.7951	-0.795	-0.0001
2023-10-25T16:05:00	1	0	3	3	0	1.0409	1.0405	-0.0003	-0.9756	-0.976	0.0004
2023-10-25T16:07:52	2	0	66	66	0	0.9328	0.9327	-0.0001	0.9789	0.9786	0.0003
2023-10-25T16:14:51	1	0	4	4	0	1.0325	1.0324	-0.0001	-0.993	-0.993	0.0000
2023-10-25T16:14:56	1	0	15	15	0	1.0477	1.0477	0.0000	0.9968	0.9969	-0.0001
2023-10-25T16:29:57	1	0	14	14	0	1.0481	1.0481	0.0000	0.9963	0.9964	-0.0001
2023-10-25T16:44:58	1	0	14	14	0	1.0476	1.0475	0.0000	0.9968	0.9967	0.0001
2023-10-25T17:40:17	1	0	10	10	0	1.0483	1.0483	0.0000	-0.993	-0.993	0.0000
2023-10-26T07:52:19	2	0	129	129	0	0.8996	0.8998	0.0002	0.9642	0.9641	0.0001
2023-10-26T08:07:13	1	0	102	102	0	1.0538	1.0537	-0.0001	0.9903	0.9901	0.0002
2023-10-26T08:09:01	1	0	300	300	0	1.0562	1.0562	0.0000	0.9939	0.9939	0.0000
2023-10-26T08:14:05	2	0	3	3	0	1.0328	1.0327	-0.0001	-0.9851	-0.9851	0.0000

2023-10-26T08:29:47	1	0	9	9	0	1.0472	1.0472	0.0000	-0.9995	-0.9995	0.0000
2023-10-26T08:32:05	1	0	173	173	0	1.0559	1.0559	0.0000	0.9749	0.9749	0.0000
2023-10-26T08:37:13	1	0	1	1	0	0.9370	0.9373	0.0003	-0.9921	-0.9913	-0.0008
2023-10-26T08:49:04	1	0	11	10	1	0.9451	0.9451	0.0000	0.9493	0.9484	0.0009
2023-10-26T08:53:36	8	0	470	464	6	1.0615	1.0614	-0.0001	-0.9789	-0.9788	-0.0001
2023-10-26T08:55:42	1	0	88	84	4	1.0555	1.0552	-0.0004	-0.9998	-0.9998	0.0000
2023-10-26T08:56:08	1	0	1	1	0	1.0274	1.0269	-0.0005	-0.9808	-0.9803	-0.0005
2023-10-26T09:14:50	1	0	24	20	4	1.0517	1.0507	-0.0010	-0.8725	-0.8719	-0.0006
2023-10-26T09:16:10	5	0	36	34	2	1.0564	1.0563	-0.0001	0.9923	0.9725	0.0198
2023-10-26T09:19:33	1	0	3	3	0	1.0036	1.0032	-0.0004	0.9831	0.9832	-0.0001
2023-10-26T09:28:45	1	0	7	7	0	1.0290	1.0289	-0.0001	0.998	0.998	0.0000
2023-10-26T09:29:51	1	0	13	13	0	1.0482	1.0482	0.0000	-0.9998	-0.9998	0.0000
2023-10-26T09:29:53	2	0	2	2	0	1.0313	1.0310	-0.0003	-0.9758	-0.976	0.0002
2023-10-26T09:32:18	1	0	1	1	0	1.0361	1.0357	-0.0004	1	1	0.0000
2023-10-26T09:32:47	2	0	5	5	0	1.0304	1.0302	-0.0002	0.9736	0.9736	0.0000
2023-10-26T09:35:49	1	0	13	13	0	1.0476	1.0474	-0.0001	0.9279	0.9278	0.0001
2023-10-26T09:35:55	5	0	22	22	0	1.0339	1.0333	-0.0006	-0.9984	-0.9986	0.0002
2023-10-26T09:36:55	1	0	4	4	0	1.0105	1.0102	-0.0004	-0.9938	-0.9939	0.0001
2023-10-26T09:44:54	1	0	4	4	0	1.0352	1.0351	-0.0001	-0.9805	-0.9804	-0.0001
2023-10-26T09:46:10	1	0	2	2	0	0.9291	0.9293	0.0001	0.9921	0.9919	0.0002
2023-10-26T09:46:18	1	0	4	4	0	0.9845	0.9844	-0.0001	0.9976	0.9976	0.0000
2023-10-26T09:49:08	1	0	6	6	0	1.0185	1.0184	-0.0001	0.9853	0.9851	0.0002
2023-10-26T09:49:11	1	0	2	2	0	0.9845	0.9846	0.0002	-0.9977	-0.9976	-0.0001
2023-10-26T09:50:31	2	0	5	5	0	1.0250	1.0249	-0.0001	0.9847	0.9847	0.0000
2023-10-26T09:50:50	1	0	11	11	0	1.0472	1.0471	-0.0001	0.9266	0.9264	0.0002
2023-10-26T09:51:11	2	0	5	5	0	1.0155	1.0154	-0.0001	-0.9993	-0.9995	0.0002
2023-10-26T09:51:19	1	0	4	4	0	1.0351	1.0350	-0.0001	0.9881	0.9879	0.0002
2023-10-26T09:52:20	1	0	5	5	0	1.0269	1.0269	0.0000	0.9884	0.9884	0.0000
2023-10-26T09:52:27	2	0	82	81	1	0.9320	0.9227	-0.0093	0.9758	0.9755	0.0003
2023-10-26T09:53:40	5	0	512	499	13	1.0623	1.0623	0.0000	-0.9845	-0.9846	0.0001
2023-10-26T09:53:52	5	0	88	87	1	0.9235	0.9245	0.0010	0.9849	0.9853	-0.0004
2023-10-26T09:54:55	2	0	9	7	2	1.0542	1.0524	-0.0018	0.9798	0.9788	0.0010
2023-10-26T09:55:46	2	0	76	74	2	1.0555	1.0558	0.0004	-1	-1	0.0000
2023-10-26T09:56:12	1	0	1	1	0	1.0273	1.0270	-0.0003	-0.9864	-0.9862	-0.0002
2023-10-26T09:57:29	5	0	13	12	1	1.0345	1.0333	-0.0012	-0.9997	-0.9997	0.0000
2023-10-26T09:58:34	3	0	5	5	0	1.0355	1.0354	-0.0001	-1	-1	0.0000
2023-10-26T09:58:49	1	0	294	292	2	1.0586	1.0586	-0.0001	0.9797	0.9795	0.0002
2023-10-26T09:59:53	4	0	27	24	3	1.0509	1.0499	-0.0010	-0.9994	-0.9995	0.0001
2023-10-26T09:59:53	2	0	34	32	2	1.0500	1.0497	-0.0004	-0.853	-0.8522	-0.0008
2023-10-26T09:59:55	3	0	3	3	0	1.0404	1.0404	0.0000	-0.9809	-0.9808	-0.0001
2023-10-26T10:00:06	1	0	1	1	0	1.0386	1.0382	-0.0004	0.979	0.9789	0.0001
2023-10-26T10:01:11	1	0	1	1	0	0.9077	0.9077	0.0000	0.9935	0.9935	0.0000
2023-10-26T10:01:15	1	0	5	5	0	1.0492	1.0487	-0.0005	0.9513	0.9511	0.0002
2023-10-26T10:01:58	1	0	9	9	0	1.0344	1.0342	-0.0001	0.9917	0.9913	0.0004
2023-10-26T10:02:11	1	0	132	132	0	1.0545	1.0545	0.0000	0.9749	0.9749	0.0000
2023-10-26T10:02:34	1	0	13	13	0	1.0255	1.0254	0.0000	0.9875	0.9876	-0.0001
2023-10-26T10:02:57	1	0	1	1	0	1.0168	1.0163	-0.0005	0.9616	0.9614	0.0002
2023-10-26T10:04:09	1	0	4	4	0	1.0165	1.0165	0.0000	0.9767	0.9766	0.0001
2023-10-26T10:04:36	1	0	4	4	0	1.0035	1.0033	-0.0002	0.9804	0.9806	-0.0002
2023-10-26T10:05:33	2	0	6	6	0	1.0240	1.0238	-0.0002	0.9821	0.982	0.0001
2023-10-26T10:05:57	10	0	32	24	8	1.0376	1.0382	0.0005	-0.9977	-0.9981	0.0004
2023-10-26T10:06:12	1	0	5	5	0	1.0157	1.0156	-0.0001	-0.9992	-0.9994	0.0002
2023-10-26T10:06:20	1	0	4	4	0	1.0349	1.0347	-0.0001	0.9894	0.9892	0.0002
2023-10-26T10:06:57	1	0	4	4	0	1.0113	1.0108	-0.0005	-0.9935	-0.9936	0.0001
2023-10-26T10:07:21	1	0	1	1	0	0.9386	0.9398	0.0012	-0.9942	-0.9936	-0.0006
2023-10-26T10:07:28	2	0	44	35	9	0.9281	0.9291	0.0010	0.9772	0.9772	0.0000
2023-10-26T10:08:53	3	0	82	80	2	0.9287	0.9299	0.0011	0.9865	0.9869	-0.0004
2023-10-26T10:09:56	2	0	9	7	2	1.0543	1.0523	-0.0020	0.9794	0.9783	0.0011
2023-10-26T10:10:25	1	0	6	6	0	1.0199	1.0198	0.0000	1	1	0.0000
2023-10-26T10:10:58	2	0	1	1	0	1.0614	1.0562	-0.0052	0.9972	0.9967	0.0005
2023-10-26T10:14:50	1	0	12	12	0	1.0457	1.0456	-0.0001	-0.9899	-0.99	0.0001
2023-10-26T10:16:33	2	0	15	14	1	1.0437	1.0435	-0.0003	-0.9977	-0.9978	0.0001
2023-10-26T10:17:35	1	0	13	12	1	0.9927	0.9968	0.0041	0.9878	0.9878	0.0000
2023-10-26T10:18:44	1	0	1	1	0	0.9447	0.9450	0.0003	0.9751	0.9751	0.0000
2023-10-26T10:19:13	1	0	1	1	0	0.9374	0.9382	0.0008	-0.9973	-0.9973	0.0000
2023-10-26T10:21:13	4	0	4	4	0	1.0166	1.0160	-0.0006	-0.9998	-1	0.0002
2023-10-26T10:21:27	3	0	8	7	1	1.0538	1.0531	-0.0007	0.9981	0.9976	0.0005
2023-10-26T10:24:10	1	0	193	192	1	1.0539	1.0539	0.0000	0.992	0.992	0.0000
2023-10-26T10:25:38	1	0	3	3	0	0.9480	0.9486	0.0006	0.9792	0.9794	-0.0002
2023-10-26T10:26:14	1	0	1	1	0	1.0321	1.0304	-0.0017	-0.9793	-0.9792	-0.0001
2023-10-26T10:28:49	1	0	5	5	0	1.0263	1.0261	-0.0002	0.9972	0.9971	0.0001
2023-10-26T10:31:21	1	0	3	3	0	0.9697	0.9694	-0.0003	0.998	0.9979	0.0001
2023-10-26T10:35:53	2	0	12	9	3	1.0464	1.0464	0.0000	0.9216	0.921	0.0006
2023-10-26T10:36:17	2	0	2	2	0	1.0325	1.0322	-0.0004	-0.9876	-0.9875	-0.0001
2023-10-26T10:37:23	2	0	18	10	8	1.0467	1.0392	-0.0075	0.9886	0.9885	0.0001
2023-10-26T10:38:15	1	0	2	2	0	1.0596	1.0592	-0.0004	0.9892	0.9891	0.0001
2023-10-26T10:41:15	1	0	1	1	0	1.0201	1.0198	-0.0003	-0.9885	-0.9883	-0.0002
2023-10-26T10:41:42	1	0	6	6	0	1.0172	1.0171	-0.0001	0.9513	0.9512	0.0001
2023-10-26T10:41:56	1	0	5	1	4	1.0503	1.0552	0.0049	0.9943	0.9936	0.0007
2023-10-26T10:43:05	1	0	81	81	0	1.1347	1.1329	-0.0018	-0.992	-0.9921	0.0001
2023-10-26T10:45:19	1	0	11	10	1	1.0518	1.0515	-0.0003	0.992	0.992	0.0000
2023-10-26T10:46:14	3	0	2	2	0	0.9848	0.9841	-0.0007	0.9885	0.9882	0.0003
2023-10-26T10:47:37	1	0	5	5	0	1.0250	1.0249	-0.0001	0.9843	0.9842	0.0001
2023-10-26T10:47:43	2	0	38	37	1	1.0542	1.0544	0.0001	0.9943	0.9942	0.0001
2023-10-26T10:49:08	1	0	84	83	1	1.0582	1.0581	-0.0001	-0.9956	-0.9957	0.0001

2023-10-26T10:49:12	2	0	7	7	0	1.0071	1.0068	-0.0003	0.9721	0.9718	0.0003
2023-10-26T10:50:57	1	0	1	0	1	0.9447	null	null	-0.997	-0.9969	-0.0001
2023-10-26T10:51:17	1	0	2	2	0	1.0174	1.0170	-0.0004	-0.9998	-0.9999	0.0001
2023-10-26T10:51:23	2	0	12	12	0	1.0436	1.0435	-0.0001	0.9826	0.9822	0.0004
2023-10-26T10:51:30	2	0	111	107	4	1.0579	1.0577	-0.0002	0.9977	0.9977	0.0000
2023-10-26T10:54:12	1	0	427	413	14	1.0575	1.0575	-0.0001	0.9914	0.9913	0.0001
2023-10-26T10:55:28	1	0	3	3	0	1.0095	1.0095	0.0000	1	0.9999	0.0001
2023-10-26T10:57:16	1	0	2	2	0	1.0718	1.0713	-0.0006	0.9999	0.9999	0.0000
2023-10-26T10:57:16	1	0	3	3	0	1.0314	1.0311	-0.0003	0.9783	0.9782	0.0001
2023-10-26T10:57:33	2	0	4	3	1	1.0476	1.0391	-0.0085	0.9961	0.9954	0.0007
2023-10-26T10:58:38	1	0	5	5	0	1.0341	1.0341	0.0000	0.9946	0.9946	0.0000
2023-10-26T10:58:40	1	0	11	9	2	1.0457	1.0455	-0.0001	0.9953	0.9953	0.0000
2023-10-26T11:01:37	1	0	7	7	0	1.0437	1.0437	0.0000	-0.9987	-0.9987	0.0000
2023-10-26T11:02:02	1	0	7	7	0	1.0317	1.0316	-0.0001	0.9906	0.9904	0.0002
2023-10-26T11:02:24	1	0	1	1	0	1.0372	1.0364	-0.0008	1	1	0.0000
2023-10-26T11:02:53	2	0	3	3	0	1.0241	1.0236	-0.0005	0.9769	0.9768	0.0001
2023-10-26T11:04:13	1	0	1	0	1	1.0583	null	null	0.9747	0.9746	0.0001
2023-10-26T11:09:02	2	0	128	124	4	1.0549	1.0548	-0.0001	-0.9757	-0.9758	0.0001
2023-10-26T11:09:13	1	0	443	442	1	1.0582	1.0582	0.0000	0.9911	0.991	0.0001
2023-10-26T11:10:00	1	0	113	113	0	1.0572	1.0572	0.0000	0.9602	0.9588	0.0014
2023-10-26T11:10:18	1	0	1	0	1	1.0556	null	null	1	1	0.0000
2023-10-26T11:11:21	1	0	13	13	0	1.0502	1.0502	0.0000	0.9376	0.9377	-0.0001
2023-10-26T11:14:03	1	0	77	74	3	1.0550	1.0550	0.0000	0.9655	0.9648	0.0007
2023-10-26T11:16:15	2	0	3	3	0	1.0258	1.0255	-0.0003	0.989	0.9889	0.0001
2023-10-26T11:16:41	1	0	3	3	0	1.0611	1.0607	-0.0003	0.957	0.956	0.0010
2023-10-26T11:17:18	2	0	1	0	1	1.0551	null	null	-0.9847	-0.9847	0.0000
2023-10-26T11:17:39	1	0	12	12	0	0.9765	0.9765	-0.0001	0.9836	0.9834	0.0002
2023-10-26T11:18:37	2	0	2	1	1	1.0551	1.0550	-0.0002	0.9626	0.9626	0.0000
2023-10-26T11:19:14	1	0	13	11	2	1.0282	1.0221	-0.0061	0.9494	0.9483	0.0011
2023-10-26T11:20:56	3	0	13	13	0	1.0482	1.0480	-0.0002	0.9181	0.9169	0.0012
2023-10-26T11:21:04	1	0	1	1	0	1.0560	1.0555	-0.0005	0.9894	0.9917	-0.0023
2023-10-26T11:21:20	5	0	5	5	0	1.0147	1.0146	-0.0001	-0.9983	-0.9988	0.0005
2023-10-26T11:21:41	1	0	11	11	0	1.0565	1.0564	-0.0001	0.9973	0.9972	0.0001
2023-10-26T11:22:05	1	0	4	4	0	1.0133	1.0134	0.0001	-0.9919	-0.9918	-0.0001
2023-10-26T11:22:13	2	0	4	4	0	1.0534	1.0531	-0.0003	-0.9981	-0.9981	0.0000
2023-10-26T11:22:35	1	0	108	108	0	0.9211	0.9211	0.0001	0.9592	0.9597	-0.0005
2023-10-26T11:24:23	1	0	138	137	1	1.0552	1.0552	0.0000	-0.9755	-0.9757	0.0002
2023-10-26T11:24:42	2	0	2	2	0	1.0478	1.0472	-0.0006	-0.9999	-0.9999	0.0000
2023-10-26T11:25:12	1	0	4	4	0	1.0590	1.0588	-0.0002	0.9655	0.9651	0.0004
2023-10-26T11:25:37	1	0	1	0	1	1.0551	null	null	0.9999	0.9999	0.0000
2023-10-26T11:26:26	1	0	6	6	0	1.0179	1.0178	-0.0001	-0.9999	-0.9999	0.0000
2023-10-26T11:27:27	1	0	2	2	0	1.0427	1.0425	-0.0002	-0.978	-0.9776	-0.0004
2023-10-26T11:28:32	3	0	2	1	1	1.0660	1.0574	-0.0087	0.9952	0.9945	0.0007
2023-10-26T11:28:40	3	0	5	5	0	1.0372	1.0372	0.0000	0.9961	0.9962	-0.0001
2023-10-26T11:28:53	1	0	3	4	-1	1.0311	1.0307	-0.0004	0.9961	0.997	-0.0009
2023-10-26T11:29:18	1	0	4	4	0	1.0512	1.0511	-0.0002	-0.9758	-0.976	0.0002
2023-10-26T11:29:55	1	0	15	15	0	1.0472	1.0471	0.0000	-0.9914	-0.9914	0.0000
2023-10-26T11:31:39	2	0	7	8	-1	1.0432	1.0434	0.0002	-0.9981	-0.998	-0.0001
2023-10-26T11:32:03	2	0	3	3	0	1.0368	1.0362	-0.0006	0.9887	0.9879	0.0008
2023-10-26T11:32:17	1	0	57	57	0	1.0525	1.0525	0.0000	0.9717	0.9718	-0.0001
2023-10-26T11:32:19	2	0	1	0	1	1.0554	null	null	-0.9832	-0.9833	0.0001
2023-10-26T11:32:55	2	0	2	3	-1	1.0248	1.0300	0.0052	0.9786	0.9787	-0.0001
2023-10-26T11:33:14	1	0	1	0	1	1.0185	null	null	0.9974	0.9974	0.0000
2023-10-26T11:35:42	2	0	1	1	0	1.0551	1.0550	-0.0001	-0.6464	-0.6461	-0.0003
2023-10-26T11:37:14	2	0	3	3	0	1.0533	1.0533	0.0000	-0.9982	-0.9982	0.0000
2023-10-26T11:40:58	1	0	1	1	0	1.0571	1.0566	-0.0005	1	1	0.0000
2023-10-26T11:42:24	1	0	12	11	1	1.0534	1.0532	-0.0002	0.9163	0.9162	0.0001
2023-10-26T11:42:28	1	0	6	6	0	1.0467	1.0467	0.0000	-0.9798	-0.9794	-0.0004
2023-10-26T11:43:41	2	0	5	5	0	1.0403	1.0403	0.0000	0.996	0.996	0.0000
2023-10-26T11:43:54	1	0	9	9	0	1.0288	1.0287	-0.0001	0.9957	0.9965	-0.0008
2023-10-26T11:44:01	5	0	2	1	1	1.0723	1.0639	-0.0084	0.9968	0.9951	0.0017
2023-10-26T11:44:07	2	0	119	112	7	1.0563	1.0563	-0.0001	0.9729	0.9729	0.0000
2023-10-26T11:44:19	3	0	10	9	1	1.0482	1.0462	-0.0020	-0.9765	-0.9769	0.0004
2023-10-26T11:47:27	2	0	1	1	0	1.0568	1.0564	-0.0004	1	1	0.0000
2023-10-26T11:49:02	1	0	1	0	1	1.0550	null	null	0.9417	0.9417	0.0000
2023-10-26T11:49:16	3	0	3	4	-1	1.0270	1.0345	0.0076	0.9525	0.9526	-0.0001
2023-10-26T11:52:15	2	0	3	3	0	1.0546	1.0546	0.0000	-0.9976	-0.9976	0.0000
2023-10-26T11:52:28	2	0	7	9	-2	1.0394	1.0432	0.0038	0.9944	0.9944	0.0000
2023-10-26T11:54:24	3	0	111	111	0	1.0537	1.0537	0.0000	-0.9774	-0.9772	-0.0002
2023-10-26T11:57:29	1	0	2	2	0	1.0397	1.0397	0.0000	-0.9832	-0.9828	-0.0004
2023-10-26T11:58:42	2	0	5	5	0	1.0420	1.0419	0.0000	0.9969	0.9969	0.0000
2023-10-26T11:58:55	1	0	3	3	0	1.0305	1.0305	0.0000	0.9966	0.9967	-0.0001
2023-10-26T11:59:20	4	0	11	10	1	1.0484	1.0461	-0.0023	-0.9762	-0.9761	-0.0001
2023-10-26T11:59:34	3	0	2	1	1	1.0685	1.0619	-0.0066	0.998	0.9977	0.0003
2023-10-26T12:01:51	2	0	7	8	-1	1.0430	1.0433	0.0004	-0.998	-0.9979	-0.0001
2023-10-26T12:02:57	2	0	4	5	-1	1.0334	1.0355	0.0021	0.9773	0.9775	-0.0002
2023-10-26T12:03:16	1	0	1	1	0	1.0204	1.0201	-0.0003	0.997	0.9969	0.0001
2023-10-26T12:03:40	1	0	5	4	1	1.0526	1.0515	-0.0011	0.9609	0.9608	0.0001
2023-10-26T12:05:44	1	0	3	2	1	1.0570	1.0570	0.0000	-0.6727	-0.6723	-0.0004
2023-10-26T12:07:16	2	0	4	4	0	1.0563	1.0563	0.0000	-0.9976	-0.9976	0.0000
2023-10-26T12:11:30	1	0	7	8	-1	1.0206	1.0219	0.0013	-0.9999	-0.9999	0.0000
2023-10-26T12:12:21	2	0	2	2	0	0.9997	0.9992	-0.0005	0.995	0.9947	0.0003
2023-10-26T12:14:11	2	0	127	126	1	1.0572	1.0571	-0.0001	0.9695	0.9631	0.0064
2023-10-26T12:23:12	1	0	9	9	0	1.0505	1.0504	-0.0001	0.9963	0.9963	0.0000
2023-10-26T12:27:31	1	0	5	5	0	1.0468	1.0468	0.0000	-0.9818	-0.9814	-0.0004

2023-10-26T12:28:44	2	0	5	5	0	1.0453	1.0453	0.0000	1	1	0.0000
2023-10-26T12:28:57	1	0	9	9	0	1.0298	1.0297	-0.0001	0.9969	0.9975	-0.0006
2023-10-26T12:32:23	2	0	1	0	1	1.0575	null	null	-0.9889	-0.9888	-0.0001
2023-10-26T12:39:27	4	0	141	141	0	1.0550	1.0550	0.0000	-0.975	-0.9747	-0.0003
2023-10-26T12:44:47	3	0	2	1	1	1.0620	1.0585	-0.0034	0.9922	0.9921	0.0001
2023-10-26T12:57:24	2	0	2	2	0	0.9374	0.9375	0.0001	0.9921	0.992	0.0001
2023-10-26T12:58:59	1	0	4	4	0	1.0283	1.0283	0.0000	0.9971	0.9971	0.0000
2023-10-26T12:59:24	3	0	9	9	0	1.0436	1.0428	-0.0008	-0.98	-0.9802	0.0002
2023-10-26T13:03:44	1	0	2	1	1	1.0564	1.0563	-0.0001	0.9587	0.9587	0.0000
2023-10-26T13:07:36	3	0	8	9	-1	1.0387	1.0409	0.0022	0.9963	0.9964	-0.0001
2023-10-26T13:09:43	3	0	350	350	0	1.0610	1.0610	0.0000	-0.9643	-0.9643	0.0000
2023-10-26T13:15:54	2	0	86	85	1	1.0492	1.0491	-0.0001	0.9968	0.9968	0.0000
2023-10-26T13:22:37	1	0	18	17	1	1.0503	1.0500	-0.0003	0.9965	0.9965	0.0000
2023-10-26T13:24:44	1	0	211	211	0	1.0584	1.0584	0.0000	-0.9667	-0.9667	0.0000
2023-10-26T13:30:07	1	0	81	80	1	1.0542	1.0542	0.0000	-0.8838	-0.8829	-0.0009
2023-10-26T13:30:23	1	0	3	3	0	1.0038	1.0043	0.0005	0.9932	0.9932	0.0000
2023-10-26T13:34:19	1	0	103	103	0	1.0558	1.0558	0.0000	-0.9838	-0.9834	-0.0004
2023-10-26T13:36:11	3	0	7	9	-2	1.0508	1.0497	-0.0011	0.9964	0.9965	-0.0001
2023-10-26T13:36:32	7	0	7	8	-1	1.0175	1.0172	-0.0003	-0.9991	-0.9986	-0.0005
2023-10-26T13:37:38	1	0	9	9	0	1.0394	1.0393	-0.0002	0.9966	0.9967	-0.0001
2023-10-26T13:39:45	17	0	306	292	14	1.0601	1.0600	-0.0001	-0.9597	-0.9601	0.0004
2023-10-26T13:44:27	9	0	27	23	4	1.0490	1.0476	-0.0014	-0.9826	-0.9824	-0.0002
2023-10-26T13:54:46	4	0	312	309	3	1.0600	1.0599	0.0000	-0.9673	-0.9673	0.0000
2023-10-26T13:54:52	4	0	3	3	0	1.0494	1.0494	0.0000	0.999	0.9991	-0.0001
2023-10-26T13:56:36	1	0	4	4	0	1.0101	1.0101	0.0000	-0.9999	-0.9999	0.0000
2023-10-26T13:59:03	1	0	1	1	0	1.0300	1.0299	-0.0001	0.9962	0.9963	-0.0001
2023-10-26T14:00:05	1	0	31	30	1	1.0489	1.0486	-0.0002	-0.9956	-0.9956	0.0000
2023-10-26T14:01:39	1	0	1	1	0	1.0635	1.0590	-0.0045	0.9914	0.9907	0.0007
2023-10-26T14:04:21	1	0	79	81	-2	1.0559	1.0559	0.0000	-0.9936	-0.9935	-0.0001
2023-10-26T14:04:50	2	0	14	13	1	1.0468	1.0460	-0.0008	0.9308	0.9305	0.0003
2023-10-26T14:06:13	17	0	6	7	-1	1.0498	1.0487	-0.0011	0.9971	0.997	0.0001
2023-10-26T14:06:34	2	0	6	6	0	1.0150	1.0150	0.0000	-0.9995	-0.9996	0.0001
2023-10-26T14:07:12	4	0	8	9	-1	1.0297	1.0309	0.0012	0.9999	1	-0.0001
2023-10-26T14:07:40	1	0	20	20	0	1.0494	1.0492	-0.0003	0.997	0.997	0.0000
2023-10-26T14:09:25	1	0	308	307	1	1.0562	1.0562	0.0000	0.9906	0.9906	0.0000
2023-10-26T14:09:47	5	0	258	255	3	1.0593	1.0593	0.0000	-0.9688	-0.9687	-0.0001
2023-10-26T14:09:53	4	0	4	4	0	1.0528	1.0526	-0.0002	0.9993	0.9993	0.0000
2023-10-26T14:11:16	1	0	1	1	0	1.0563	1.0561	-0.0002	1	1	0.0000
2023-10-26T14:14:43	2	0	7	7	0	1.0376	1.0370	-0.0006	-0.9982	-0.9983	0.0001
2023-10-26T14:16:36	1	0	2	2	0	0.9433	0.9434	0.0001	0.9965	0.9966	-0.0001
2023-10-26T14:17:28	1	0	119	119	0	1.0548	1.0548	0.0000	0.9611	0.9612	-0.0001
2023-10-26T14:18:40	2	0	8	9	-1	0.9977	0.9994	0.0017	0.9558	0.9558	0.0000
2023-10-26T14:21:35	7	0	7	7	0	1.0159	1.0156	-0.0003	-0.9995	-0.9998	0.0003
2023-10-26T14:22:16	4	0	9	9	0	1.0328	1.0328	-0.0001	1	1	0.0000
2023-10-26T14:22:41	2	0	22	13	9	1.0463	1.0404	-0.0059	0.997	0.9969	0.0001
2023-10-26T14:24:26	1	0	276	276	0	1.0564	1.0564	0.0000	0.99	0.99	0.0000
2023-10-26T14:24:48	9	0	317	311	6	1.0600	1.0600	0.0000	-0.9751	-0.9751	0.0000
2023-10-26T14:24:54	2	0	3	3	0	1.0511	1.0509	-0.0002	0.9998	0.9998	0.0000
2023-10-26T14:26:24	1	0	1	1	0	1.0576	1.0573	-0.0003	0.9998	0.9997	0.0001
2023-10-26T14:26:48	1	0	5	5	0	1.0186	1.0185	-0.0001	-0.9996	-0.9996	0.0000
2023-10-26T14:26:57	1	0	3	3	0	1.0295	1.0295	0.0000	0.9625	0.9626	-0.0001
2023-10-26T14:28:52	2	0	6	6	0	1.0490	1.0489	-0.0001	-0.9979	-0.998	0.0001
2023-10-26T14:28:59	1	0	4	4	0	1.0461	1.0461	0.0000	0.9898	0.9898	0.0000
2023-10-26T14:29:51	1	0	4	4	0	1.0400	1.0398	-0.0002	-0.9994	-0.9994	0.0000
2023-10-26T14:30:17	1	0	1	1	0	1.0345	1.0345	0.0000	0.9999	0.9999	0.0000
2023-10-26T14:31:02	1	0	109	106	3	1.0515	1.0513	-0.0001	0.9972	0.9972	0.0000
2023-10-26T14:32:01	1	0	9	9	0	1.0439	1.0438	-0.0001	-0.9998	-0.9998	0.0000
2023-10-26T14:32:14	3	0	5	5	0	1.0450	1.0442	-0.0008	0.9927	0.991	0.0017
2023-10-26T14:32:30	1	0	142	142	0	1.0551	1.0551	0.0000	0.9594	0.9595	-0.0001
2023-10-26T14:32:39	1	0	1	1	0	1.0555	1.0553	-0.0002	0.9991	0.9991	0.0000
2023-10-26T14:33:07	2	0	3	3	0	1.0249	1.0246	-0.0003	0.9745	0.9745	0.0000
2023-10-26T14:33:41	1	0	15	15	0	1.0361	1.0360	0.0000	0.9601	0.9601	0.0000
2023-10-26T14:33:50	3	0	2	2	0	1.0574	1.0568	-0.0006	0.9646	0.9635	0.0011
2023-10-26T14:34:23	2	0	334	330	4	1.0605	1.0604	0.0000	-0.9915	-0.9882	-0.0033
2023-10-26T14:34:27	2	0	1	1	0	1.0563	1.0556	-0.0007	0.9616	0.9613	0.0003
2023-10-26T14:34:33	1	0	6	6	0	1.0447	1.0446	-0.0001	0.9884	0.9883	0.0001
2023-10-26T14:34:54	1	0	4	4	0	0.9848	0.9847	-0.0001	0.96	0.96	0.0000
2023-10-26T14:36:15	9	0	13	10	3	1.0454	1.0452	-0.0002	0.9957	0.9953	0.0004
2023-10-26T14:36:36	6	0	3	3	0	1.0166	1.0164	-0.0002	-0.9996	-0.9997	0.0001
2023-10-26T14:37:19	4	0	11	11	0	1.0320	1.0320	-0.0001	0.9999	0.9999	0.0000
2023-10-26T14:37:42	2	0	8	8	0	1.0368	1.0367	-0.0001	0.9958	0.9958	0.0000
2023-10-26T14:37:54	6	0	206	201	5	0.9117	0.9121	0.0004	0.9451	0.9467	-0.0016
2023-10-26T14:38:21	2	0	11	11	0	1.0518	1.0516	-0.0002	0.9974	0.9973	0.0001
2023-10-26T14:38:32	2	0	11	10	1	1.0497	1.0502	0.0005	0.9909	0.9909	0.0000
2023-10-26T14:39:27	2	0	397	395	2	1.0574	1.0574	0.0000	0.99	0.9899	0.0001
2023-10-26T14:39:49	7	0	280	273	7	1.0603	1.0603	0.0000	-0.9754	-0.9754	0.0000
2023-10-26T14:39:55	2	0	3	3	0	1.0501	1.0500	-0.0001	1	1	0.0000
2023-10-26T14:41:35	1	0	1	1	0	1.0559	1.0554	-0.0005	0.9999	0.9994	0.0005
2023-10-26T14:41:58	1	0	1	1	0	1.0066	1.0066	0.0000	0.965	0.9649	0.0001
2023-10-26T14:44:06	1	0	4	4	0	1.0299	1.0299	-0.0001	0.9964	0.9964	0.0000
2023-10-26T14:44:40	1	0	217	214	3	1.0588	1.0587	-0.0001	0.9803	0.9798	0.0005
2023-10-26T14:44:52	1	0	1	1	0	1.0353	1.0352	-0.0001	-0.9993	-0.9993	0.0000
2023-10-26T14:45:08	2	0	41	41	0	1.0494	1.0494	0.0000	-0.9952	-0.9952	0.0000
2023-10-26T14:45:18	1	0	1	1	0	1.0342	1.0342	0.0000	0.9999	0.9999	0.0000
2023-10-26T14:49:45	1	0	1	0	1	1.0349	null	null	-0.9997	-0.9998	0.0001

2023-10-26T14:49:53	3	0	50	47	3	1.0490	1.0486	-0.0003	0.9482	0.9477	0.0005
2023-10-26T14:51:10	1	0	14	14	0	1.0488	1.0488	0.0000	0.9171	0.9171	0.0000
2023-10-26T14:51:35	1	0	5	5	0	1.0414	1.0414	0.0000	-0.9888	-0.9887	-0.0001
2023-10-26T14:51:37	1	0	6	6	0	1.0171	1.0171	0.0000	-0.9996	-0.9997	0.0001
2023-10-26T14:53:12	2	0	1	2	-1	1.0351	1.0311	-0.0040	-0.9991	-0.9991	0.0000
2023-10-26T14:54:28	1	0	384	382	2	1.0573	1.0573	0.0000	0.9892	0.9892	0.0000
2023-10-26T14:56:50	1	0	5	5	0	1.0196	1.0196	0.0000	-0.9999	-0.9999	0.0000
2023-10-26T14:59:13	1	0	5	5	0	1.0130	1.0128	-0.0001	-0.9905	-0.9905	0.0000
2023-10-26T14:59:45	1	0	287	278	9	1.0588	1.0588	-0.0001	0.9772	0.977	0.0002
2023-10-26T15:00:38	1	0	21	20	1	1.0535	1.0533	-0.0002	0.9598	0.9597	0.0001
2023-10-26T15:02:41	1	0	1	1	0	1.0396	1.0393	-0.0003	0.9999	0.9999	0.0000
2023-10-26T15:06:28	1	0	4	4	0	1.0272	1.0270	-0.0002	0.9748	0.9748	0.0000
2023-10-26T15:09:29	2	0	725	722	3	1.0599	1.0599	0.0000	0.9915	0.9915	0.0000
2023-10-26T15:13:22	4	0	2	2	0	1.0020	1.0026	0.0005	-0.9604	-0.9653	0.0049
2023-10-26T15:13:55	2	0	6	6	0	1.0448	1.0448	0.0000	1	1	0.0000
2023-10-26T15:14:49	1	0	345	342	3	1.0592	1.0592	-0.0001	0.978	0.9779	0.0001
2023-10-26T15:15:14	1	0	3	3	0	1.0566	1.0565	-0.0001	0.9967	0.9969	-0.0002
2023-10-26T15:16:40	1	0	3	3	0	1.0333	1.0332	-0.0001	0.998	0.998	0.0000
2023-10-26T15:18:34	1	0	2	2	0	1.0420	1.0409	-0.0011	0.9986	0.9978	0.0008
2023-10-26T15:19:47	1	0	1	1	0	1.0356	1.0354	-0.0002	-0.9997	-0.9997	0.0000
2023-10-26T15:23:22	1	0	3	2	1	1.0332	1.0319	-0.0013	-0.9992	-0.9993	0.0001
2023-10-26T15:30:15	1	0	3	4	-1	1.0542	1.0519	-0.0023	0.9968	0.997	-0.0002
2023-10-26T15:33:19	1	0	1	0	1	1.0588	null	null	0.9648	0.9647	0.0001
2023-10-26T15:34:08	1	0	3	3	0	1.0167	1.0166	-0.0001	0.998	0.9971	0.0009
2023-10-26T15:43:34	2	0	26	25	1	1.0487	1.0483	-0.0004	-0.985	-0.9792	-0.0058
2023-10-26T15:45:19	1	0	1	1	0	1.0338	1.0323	-0.0015	-0.9987	-0.9988	0.0001
2023-10-26T16:00:17	1	0	7	7	0	1.0493	1.0493	0.0000	0.9972	0.9973	-0.0001
2023-10-26T16:10:16	3	0	279	276	3	1.0596	1.0596	0.0000	-0.9784	-0.9783	-0.0001
2023-10-26T16:19:55	1	0	2	2	0	0.9925	0.9941	0.0016	0.998	0.9983	-0.0003
2023-10-26T16:30:19	1	0	1	1	0	1.0462	1.0461	-0.0001	0.9973	0.9962	0.0011
2023-10-26T16:34:46	3	0	45	45	0	0.9357	0.9357	0.0000	-1	-1	0.0000
2023-10-26T16:38:19	2	0	45	44	1	0.9351	0.9350	-0.0001	0.9907	0.9903	0.0004
2023-10-26T16:45:20	1	0	5	5	0	1.0473	1.0470	-0.0002	0.9977	0.9974	0.0003
2023-10-26T17:21:23	2	0	69	69	0	0.9396	0.9399	0.0002	-0.9962	-0.9958	-0.0004
2023-10-26T17:26:21	1	0	10	10	0	1.0482	1.0481	0.0000	0.9999	0.9999	0.0000
2023-10-26T17:34:42	1	0	3	3	0	0.9949	0.9958	0.0010	0.9732	0.973	0.0002
2023-10-26T18:21:27	1	0	87	87	0	0.9384	0.9384	0.0000	0.9997	0.9998	-0.0001
2023-10-27T07:50:55	1	0	33	33	0	0.9417	0.9418	0.0001	1	1	0.0000
2023-10-27T07:52:17	1	0	27	27	0	0.9389	0.9391	0.0002	0.9961	0.9961	0.0000
2023-10-27T08:07:18	1	0	34	34	0	0.9259	0.9259	0.0000	0.9908	0.9908	0.0000
2023-10-27T08:11:04	1	0	122	122	0	1.0563	1.0563	0.0000	1	1	0.0000
2023-10-27T08:14:02	2	0	2	2	0	1.0361	1.0358	-0.0003	-0.9572	-0.9572	0.0000
2023-10-27T08:18:25	1	0	2	2	0	1.0349	1.0349	0.0000	0.9948	0.9948	0.0000
2023-10-27T08:26:06	1	0	1	1	0	1.0272	1.0269	-0.0003	-0.9612	-0.9606	-0.0006
2023-10-27T08:32:03	1	0	613	612	1	1.0600	1.0600	0.0000	0.972	0.9721	-0.0001
2023-10-27T09:14:37	1	0	15	12	3	1.0494	1.0478	-0.0016	-0.8831	-0.8824	-0.0007
2023-10-27T09:18:02	2	0	6	6	0	1.0320	1.0318	-0.0002	0.9723	0.9723	0.0000
2023-10-27T09:21:01	1	0	3	3	0	0.9446	0.9447	0.0001	0.9998	0.9999	-0.0001
2023-10-27T09:25:32	1	0	122	119	3	0.9156	0.9158	0.0002	0.9966	0.9968	-0.0002
2023-10-27T09:29:03	1	0	2	2	0	1.0303	1.0299	-0.0004	0.9921	0.992	0.0001
2023-10-27T09:29:28	2	0	3	3	0	1.0210	1.0209	-0.0001	-0.9991	-0.9991	0.0000
2023-10-27T09:29:58	1	0	23	20	3	1.0514	1.0506	-0.0008	-0.8809	-0.8803	-0.0006
2023-10-27T09:35:11	1	0	20	20	0	1.0486	1.0484	-0.0003	0.996	0.9959	0.0001
2023-10-27T09:36:07	1	0	5	5	0	1.0167	1.0167	0.0000	-0.9996	-0.9997	0.0001
2023-10-27T09:37:02	1	0	7	7	0	0.9834	0.9833	-0.0002	0.9986	0.9986	0.0000
2023-10-27T09:41:10	1	0	78	77	1	1.0553	1.0553	0.0000	1	1	0.0000
2023-10-27T09:44:28	1	0	4	4	0	1.0316	1.0315	-0.0001	-0.9988	-0.9988	0.0000
2023-10-27T09:45:19	3	0	13	11	2	1.0511	1.0500	-0.0011	0.9992	0.9992	0.0000
2023-10-27T09:46:08	1	0	1	1	0	0.9117	0.9120	0.0003	0.9966	0.9966	0.0000
2023-10-27T09:47:06	1	0	10	10	0	1.0356	1.0355	-0.0001	0.989	0.9885	0.0005
2023-10-27T09:47:08	1	0	326	326	0	1.0575	1.0575	0.0000	0.9736	0.9736	0.0000
2023-10-27T09:47:15	1	0	2	2	0	1.0400	1.0396	-0.0005	-0.9942	-0.9942	0.0000
2023-10-27T09:49:04	1	0	46	45	1	1.0536	1.0536	-0.0001	-0.9972	-0.9987	0.0015
2023-10-27T09:49:09	1	0	3	3	0	1.0054	1.0055	0.0001	-0.9931	-0.9931	0.0000
2023-10-27T09:51:04	4	0	4	4	0	1.0297	1.0291	-0.0006	0.9991	0.9991	0.0000
2023-10-27T09:51:19	1	0	4	4	0	1.0300	1.0299	-0.0001	0.9876	0.9875	0.0001
2023-10-27T09:52:18	1	0	3	3	0	1.0231	1.0231	0.0000	0.987	0.987	0.0000
2023-10-27T09:53:50	5	0	11	11	0	1.0328	1.0325	-0.0003	-1	-1	0.0000
2023-10-27T09:56:12	1	0	1	1	0	1.0205	1.0202	-0.0003	-0.9726	-0.9722	-0.0004
2023-10-27T09:58:07	2	0	2	2	0	0.9946	0.9947	0.0001	-0.9783	-0.978	-0.0003
2023-10-27T10:00:20	1	0	6	6	0	1.0482	1.0479	-0.0003	0.9992	0.9992	0.0000
2023-10-27T10:01:09	1	0	1	1	0	0.9243	0.9247	0.0004	0.9979	0.998	-0.0001
2023-10-27T10:01:15	1	0	1	0	1	1.0223	null	null	0.9843	0.9835	0.0008
2023-10-27T10:04:10	1	0	1	1	0	0.9404	0.9412	0.0008	-0.9964	-0.9964	0.0000
2023-10-27T10:05:28	2	0	3	3	0	1.0325	1.0323	-0.0002	0.977	0.9768	0.0002
2023-10-27T10:06:05	8	0	14	15	-1	1.0482	1.0470	-0.0013	-0.9999	0.9998	0.0003
2023-10-27T10:06:09	1	0	3	3	0	1.0196	1.0196	0.0000	-0.9995	-0.9996	0.0001
2023-10-27T10:06:20	1	0	5	5	0	1.0341	1.0340	-0.0001	0.9849	0.9848	0.0001
2023-10-27T10:07:04	1	0	4	4	0	1.0110	1.0105	-0.0005	0.9985	0.9984	0.0001
2023-10-27T10:07:17	1	0	1	1	0	0.9430	0.9443	0.0013	-0.9954	-0.9945	-0.0009
2023-10-27T10:07:19	1	0	5	5	0	1.0272	1.0271	-0.0001	0.9963	0.9963	0.0000
2023-10-27T10:07:26	2	0	14	13	1	0.9320	0.9329	0.0009	0.9906	0.9905	0.0001
2023-10-27T10:07:30	1	0	13	12	1	1.0521	1.0517	-0.0005	0.9981	0.9981	0.0000
2023-10-27T10:08:08	3	0	2	2	0	1.0391	1.0383	-0.0008	-0.9806	-0.9812	0.0006
2023-10-27T10:08:51	5	0	19	16	3	1.0368	1.0349	-0.0019	-1	-1	0.0000

2023-10-27T10:09:53	2	0	10	10	0	1.0286	1.0281	-0.0005	0.99	0.9895	0.0005
2023-10-27T10:10:23	1	0	8	8	0	1.0201	1.0200	-0.0001	0.9994	0.9994	0.0000
2023-10-27T10:10:44	1	0	7	7	0	0.9382	0.9385	0.0003	0.9988	0.9989	-0.0001
2023-10-27T10:11:12	2	0	37	34	3	1.0549	1.0546	-0.0002	0.9999	0.9999	0.0000
2023-10-27T10:11:13	2	0	1	1	0	1.0313	1.0293	-0.0020	-0.963	-0.9632	0.0002
2023-10-27T10:14:06	1	0	4	4	0	1.0281	1.0278	-0.0003	0.9921	0.992	0.0001
2023-10-27T10:14:30	3	0	4	4	0	1.0331	1.0328	-0.0003	-0.9992	-0.9994	0.0002
2023-10-27T10:15:01	1	0	30	30	0	1.0472	1.0472	0.0000	-0.9892	-0.9892	0.0000
2023-10-27T10:15:01	1	0	72	71	1	1.0549	1.0543	-0.0005	-0.8822	-0.8827	0.0005
2023-10-27T10:17:34	2	0	9	9	0	1.0059	1.0060	0.0000	0.9883	0.9883	0.0000
2023-10-27T10:21:05	2	0	9	9	0	1.0491	1.0484	-0.0008	0.9324	0.9319	0.0005
2023-10-27T10:21:07	5	0	6	8	-2	1.0384	1.0399	0.0015	1	0.9995	0.0005
2023-10-27T10:21:10	5	0	5	5	0	1.0161	1.0156	-0.0006	-0.9995	-0.9998	0.0003
2023-10-27T10:21:13	2	0	3	3	0	1.0373	1.0371	-0.0002	-0.9913	-0.9911	-0.0002
2023-10-27T10:23:16	4	0	13	11	2	1.0512	1.0497	-0.0014	0.9978	0.9977	0.0001
2023-10-27T10:27:12	1	0	2	2	0	1.0679	1.0674	-0.0005	0.999	0.999	0.0000
2023-10-27T10:27:13	1	0	3	3	0	0.9638	0.9637	-0.0001	0.9937	0.9933	0.0004
2023-10-27T10:29:11	1	0	1	1	0	1.0562	1.0556	-0.0006	-0.9527	-0.9528	0.0001
2023-10-27T10:31:10	2	0	46	46	0	0.9193	0.9193	0.0000	0.966	0.9659	0.0001
2023-10-27T10:32:35	2	0	9	9	0	1.0299	1.0298	-0.0001	0.9883	0.9882	0.0001
2023-10-27T10:40:28	1	0	1	0	1	1.0572	null	null	0.9905	0.9902	0.0003
2023-10-27T10:41:14	1	0	137	134	3	1.0578	1.0578	0.0000	0.9998	0.9998	0.0000
2023-10-27T10:41:43	1	0	2	2	0	1.0229	1.0227	-0.0002	0.9664	0.9663	0.0001
2023-10-27T10:43:10	2	0	2	2	0	0.9993	0.9996	0.0003	-0.9702	-0.9699	-0.0003
2023-10-27T10:43:30	2	0	7	7	0	1.0322	1.0320	-0.0001	-0.9982	-0.9984	0.0002
2023-10-27T10:45:03	1	0	84	83	1	1.0552	1.0552	0.0000	-0.8778	-0.8771	-0.0007
2023-10-27T10:45:23	1	0	2	2	0	0.9749	0.9748	-0.0001	1	1	0.0000
2023-10-27T10:46:12	2	0	2	2	0	0.9923	0.9916	-0.0007	0.9979	0.9977	0.0002
2023-10-27T10:47:05	1	0	3	3	0	1.0575	1.0572	-0.0003	0.9517	0.9507	0.0010
2023-10-27T10:48:06	2	0	38	37	1	1.0536	1.0533	-0.0003	0.993	0.9929	0.0001
2023-10-27T10:48:07	1	0	1	0	1	1.0550	null	null	0.9764	0.9764	0.0000
2023-10-27T10:48:22	2	0	27	24	3	0.9443	0.9448	0.0004	0.9475	0.9476	-0.0001
2023-10-27T10:49:08	1	0	54	50	4	1.0559	1.0558	-0.0001	-0.9978	-0.9978	0.0000
2023-10-27T10:49:22	1	0	1	1	0	1.0330	1.0327	-0.0003	0.9978	0.9978	0.0000
2023-10-27T10:52:10	2	0	3	4	-1	1.0401	1.0437	0.0036	0.9978	0.9978	0.0000
2023-10-27T10:55:26	1	0	9	9	0	1.0245	1.0244	0.0000	0.9997	0.9997	0.0000
2023-10-27T10:55:42	2	0	1	0	1	1.0612	null	null	0.9908	0.9899	0.0009
2023-10-27T10:56:16	1	0	2	2	0	1.0276	1.0274	-0.0001	-0.9611	-0.9609	-0.0002
2023-10-27T10:58:31	3	0	9	9	0	1.0298	1.0296	-0.0002	0.9974	0.9972	0.0002
2023-10-27T10:59:07	1	0	6	6	0	1.0430	1.0428	-0.0002	0.9932	0.9932	0.0000
2023-10-27T11:00:26	1	0	14	13	1	1.0519	1.0516	-0.0003	0.9899	0.9899	0.0000
2023-10-27T11:03:08	1	0	1	1	0	1.0583	1.0572	-0.0011	0.9678	0.9676	0.0002
2023-10-27T11:03:10	1	0	1	1	0	1.0195	1.0184	-0.0011	0.9987	0.9985	0.0002
2023-10-27T11:04:18	1	0	4	4	0	1.0556	1.0554	-0.0002	0.9906	0.9905	0.0001
2023-10-27T11:05:59	1	0	4	4	0	1.0518	1.0517	-0.0001	0.9951	0.9949	0.0002
2023-10-27T11:06:13	1	0	6	6	0	1.0162	1.0161	-0.0002	-0.9999	-1	0.0001
2023-10-27T11:06:16	1	0	4	4	0	1.0321	1.0321	0.0000	-0.9906	-0.988	-0.0026
2023-10-27T11:07:33	4	0	100	96	4	0.9258	0.9262	0.0004	0.9817	0.9825	-0.0008
2023-10-27T11:09:57	1	0	10	10	0	1.0525	1.0524	-0.0001	0.9888	0.9883	0.0005
2023-10-27T11:11:11	2	0	2	2	0	1.0442	1.0438	-0.0005	0.992	0.9921	-0.0001
2023-10-27T11:12:20	1	0	14	13	1	1.0555	1.0555	-0.0001	0.9179	0.9178	0.0001
2023-10-27T11:14:12	1	0	145	139	6	1.0576	1.0575	-0.0001	0.9785	0.9779	0.0006
2023-10-27T11:19:02	2	0	6	6	0	1.0050	1.0047	-0.0002	0.9805	0.9808	-0.0003
2023-10-27T11:19:03	1	0	1	1	0	1.0558	1.0551	-0.0007	0.9629	0.9627	0.0002
2023-10-27T11:19:10	1	0	179	179	0	1.0583	1.0582	0.0000	-0.9862	-0.9863	0.0001
2023-10-27T11:22:09	1	0	7	7	0	0.9860	0.9862	0.0002	0.9984	0.9984	0.0000
2023-10-27T11:25:16	1	0	6	6	0	1.0553	1.0550	-0.0003	0.9974	0.9973	0.0001
2023-10-27T11:25:17	2	0	1	0	1	1.0551	null	null	-0.9895	-0.9895	0.0000
2023-10-27T11:28:14	1	0	83	83	0	1.1335	1.1317	-0.0019	-0.9942	-0.9943	0.0001
2023-10-27T11:28:33	8	0	5	6	-1	1.0457	1.0473	0.0015	0.9993	0.9993	0.0000
2023-10-27T11:29:16	1	0	20	20	0	1.0504	1.0504	-0.0001	0.9535	0.9533	0.0002
2023-10-27T11:30:27	1	0	44	43	1	1.0487	1.0485	-0.0002	0.9999	0.9999	0.0000
2023-10-27T11:31:14	2	0	45	45	0	0.9133	0.9133	0.0000	0.9641	0.9641	0.0000
2023-10-27T11:31:21	1	0	9	9	0	0.9406	0.9406	0.0000	0.9916	0.9917	-0.0001
2023-10-27T11:31:48	1	0	3	3	0	1.0298	1.0295	-0.0003	-0.9982	-0.9982	0.0000
2023-10-27T11:32:15	1	0	124	124	0	1.0548	1.0548	0.0000	0.9743	0.9744	-0.0001
2023-10-27T11:34:20	1	0	222	222	0	1.0594	1.0594	0.0000	-0.9889	-0.9886	-0.0003
2023-10-27T11:36:01	1	0	22	21	1	1.0554	1.0553	0.0000	0.9954	0.9954	0.0000
2023-10-27T11:36:11	3	0	3	3	0	1.0494	1.0491	-0.0003	-0.9982	-0.9982	0.0000
2023-10-27T11:37:23	2	0	3	4	-1	1.0376	1.0417	0.0042	0.9962	0.9963	-0.0001
2023-10-27T11:38:02	2	0	14	12	2	1.0510	1.0501	-0.0009	-0.9863	-0.9863	0.0000
2023-10-27T11:38:16	1	0	1	1	0	1.0625	1.0621	-0.0004	0.9942	0.9941	0.0001
2023-10-27T11:39:59	3	0	2	3	-1	0.9411	0.9791	0.0380	0.9689	0.9693	-0.0004
2023-10-27T11:40:18	2	0	1	0	1	1.0558	null	null	-0.9765	-0.9766	0.0001
2023-10-27T11:42:14	3	0	7	6	1	1.0453	1.0423	-0.0031	0.9968	0.9961	0.0007
2023-10-27T11:42:18	1	0	2	2	0	0.9360	0.9360	0.0000	0.9939	0.9941	-0.0002
2023-10-27T11:43:45	4	0	5	5	0	1.0441	1.0441	0.0000	0.9957	0.9958	-0.0001
2023-10-27T11:44:16	3	0	4	4	0	0.9650	0.9655	0.0005	-0.9887	-0.9883	-0.0004
2023-10-27T11:44:21	2	0	185	183	2	1.0581	1.0580	-0.0001	0.9755	0.9754	0.0001
2023-10-27T11:45:28	1	0	1	1	0	1.0355	1.0355	0.0000	-1	-1	0.0000
2023-10-27T11:46:15	2	0	44	44	0	0.9169	0.9169	0.0000	0.9867	0.9868	-0.0001
2023-10-27T11:46:22	1	0	2	2	0	0.9404	0.9404	0.0000	0.9977	0.9977	0.0000
2023-10-27T11:49:03	1	0	5	4	1	1.0547	1.0529	-0.0018	0.9643	0.9641	0.0002
2023-10-27T11:49:10	1	0	2	2	0	1.0155	1.0147	-0.0009	0.9765	0.9763	0.0002
2023-10-27T11:51:11	2	0	9	10	-1	1.0506	1.0511	0.0005	0.9248	0.9333	-0.0085

2023-10-27T11:52:37	2	0	3	4	-1	1.0384	1.0424	0.0040	0.9982	0.9983	-0.0001
2023-10-27T11:57:19	1	0	1	1	0	0.9338	0.9338	0.0000	0.9914	0.9916	-0.0002
2023-10-27T12:00:37	1	0	1	1	0	1.0565	1.0561	-0.0004	0.9842	0.9842	0.0000
2023-10-27T12:01:16	2	0	47	48	-1	0.9409	0.9454	0.0045	0.9883	0.9884	-0.0001
2023-10-27T12:01:23	1	0	2	2	0	0.9408	0.9408	0.0000	0.997	0.997	0.0000
2023-10-27T12:06:03	1	0	94	94	0	1.0595	1.0595	0.0000	0.9946	0.9947	-0.0001
2023-10-27T12:08:04	2	0	18	16	2	1.0515	1.0508	-0.0006	-0.9877	-0.9877	0.0000
2023-10-27T12:08:58	1	0	100	99	1	1.0536	1.0535	0.0000	-0.9612	-0.961	-0.0002
2023-10-27T12:10:20	2	0	3	2	1	1.0604	1.0596	-0.0008	-0.9918	-0.992	0.0002
2023-10-27T12:11:24	2	0	34	33	1	1.0518	1.0516	-0.0002	0.9892	0.9892	0.0000
2023-10-27T12:12:20	3	0	2	2	0	0.9980	0.9975	-0.0005	0.9965	0.9963	0.0002
2023-10-27T12:12:51	4	0	5	5	0	1.0537	1.0535	-0.0002	0.9972	0.9979	-0.0007
2023-10-27T12:14:18	13	0	57	53	4	1.0545	1.0505	-0.0040	-0.9902	-0.9909	0.0007
2023-10-27T12:15:36	1	0	2	2	0	1.0323	1.0323	0.0000	-1	-1	0.0000
2023-10-27T12:15:59	2	0	136	136	0	1.0555	1.0553	-0.0003	0.9843	0.9842	0.0001
2023-10-27T12:17:16	2	0	13	13	0	1.0367	1.0365	-0.0002	0.9845	0.9839	0.0006
2023-10-27T12:19:22	1	0	284	287	-3	1.0610	1.0610	0.0000	-0.9884	-0.9848	-0.0036
2023-10-27T12:19:23	2	0	100	100	0	1.0570	1.0570	0.0000	0.9836	0.9836	0.0000
2023-10-27T12:22:48	2	0	1	1	0	1.0407	1.0407	0.0000	0.997	0.997	0.0000
2023-10-27T12:23:59	1	0	158	155	3	1.0581	1.0580	-0.0001	-0.9768	-0.9768	0.0000
2023-10-27T12:28:48	5	0	5	5	0	1.0487	1.0486	0.0000	1	-1	0.0000
2023-10-27T12:29:27	1	0	117	117	0	1.0568	1.0568	0.0000	0.9728	0.9729	-0.0001
2023-10-27T12:32:17	1	0	12	12	0	1.0374	1.0373	-0.0001	0.9854	0.9849	0.0005
2023-10-27T12:34:06	1	0	5	6	-1	1.0544	1.0551	0.0006	0.9658	0.9659	-0.0001
2023-10-27T12:34:13	4	0	16	15	1	1.0079	1.0051	-0.0029	0.9623	0.9638	-0.0015
2023-10-27T12:36:15	2	0	3	3	0	1.0526	1.0487	-0.0039	-0.9985	-0.9984	-0.0001
2023-10-27T12:40:03	3	0	6	7	-1	1.0498	1.0496	-0.0002	0.9756	0.9769	-0.0013
2023-10-27T12:51:07	3	0	8	8	0	1.0553	1.0546	-0.0007	-0.6919	-0.6917	-0.0002
2023-10-27T12:55:54	1	0	1	2	-1	1.0586	1.0577	-0.0009	-0.9888	-0.9887	-0.0001
2023-10-27T12:57:23	3	0	1	1	0	0.9053	0.9054	0.0001	0.9903	0.9906	-0.0003
2023-10-27T12:59:48	1	0	3	3	0	1.0022	1.0020	-0.0001	-0.9981	-0.9982	0.0001
2023-10-27T13:00:39	1	0	2	2	0	1.0308	1.0308	0.0000	0.9999	0.9999	0.0000
2023-10-27T13:07:35	2	0	9	10	-1	1.0396	1.0417	0.0021	0.9965	0.9966	-0.0001
2023-10-27T13:24:03	2	0	230	228	2	1.0600	1.0600	0.0000	-0.9774	-0.9774	0.0000
2023-10-27T13:25:25	2	0	1	0	1	1.0567	null	null	-0.9782	-0.9781	-0.0001
2023-10-27T13:29:19	2	0	12	10	2	1.0523	1.0516	-0.0007	-0.9988	-0.9989	0.0001
2023-10-27T13:34:17	3	0	1	0	1	1.0596	null	null	0.9529	0.9525	0.0004
2023-10-27T13:39:04	12	0	271	263	8	1.0595	1.0595	-0.0001	-0.9752	-0.9754	0.0002
2023-10-27T13:41:09	1	0	3	3	0	1.0592	1.0578	-0.0014	-0.9893	-0.9894	0.0001
2023-10-27T13:42:31	1	0	26	26	0	1.0573	1.0571	-0.0002	0.9136	0.9133	0.0003
2023-10-27T13:44:20	2	0	16	15	1	1.0517	1.0513	-0.0003	-0.9981	-0.9981	0.0000
2023-10-27T13:44:24	3	0	10	10	0	1.0505	1.0502	-0.0002	-0.9871	-0.9873	0.0002
2023-10-27T13:47:22	2	0	8	9	-1	1.0400	1.0398	-0.0002	0.982	0.9817	0.0003
2023-10-27T13:48:20	2	0	12	12	0	1.0355	1.0353	-0.0002	0.9793	0.9792	0.0001
2023-10-27T13:51:11	2	0	6	5	1	1.0534	1.0527	-0.0008	-0.748	-0.7481	0.0001
2023-10-27T13:58:01	2	0	44	40	4	1.0550	1.0545	-0.0005	-0.9981	-0.9982	0.0001
2023-10-27T13:58:36	2	0	4	4	0	1.0387	1.0385	-0.0002	0.9976	0.9975	0.0001
2023-10-27T14:03:20	1	0	98	96	2	0.9297	0.9315	0.0019	0.9634	0.9684	-0.0050
2023-10-27T14:04:12	2	0	12	11	1	1.0530	1.0524	-0.0006	0.9613	0.9607	0.0006
2023-10-27T14:04:19	1	0	5	5	0	1.0264	1.0275	0.0010	0.9546	0.9545	0.0001
2023-10-27T14:06:12	4	0	10	9	1	1.0533	1.0528	-0.0005	-0.708	-0.7096	0.0016
2023-10-27T14:06:21	1	0	3	3	0	1.0493	1.0491	-0.0002	-0.9991	-0.9991	0.0000
2023-10-27T14:06:21	1	0	1	0	1	1.0552	null	null	0.9947	0.9947	0.0000
2023-10-27T14:07:48	1	0	9	10	-1	1.0302	1.0329	0.0027	0.9828	0.983	-0.0002
2023-10-27T14:10:09	2	0	204	202	2	1.0649	1.0644	-0.0005	0.9753	0.975	0.0003
2023-10-27T14:11:25	1	0	1	1	0	1.0584	1.0578	-0.0006	-0.9901	-0.9904	0.0003
2023-10-27T14:13:51	3	0	2	2	0	1.0425	1.0396	-0.0029	0.9985	0.9983	0.0002
2023-10-27T14:14:26	3	0	9	9	0	1.0467	1.0463	-0.0004	-0.9873	-0.9877	0.0004
2023-10-27T14:15:17	2	0	102	101	1	1.0531	1.0530	-0.0001	-0.9912	-0.9913	0.0001
2023-10-27T14:15:46	2	0	9	8	1	1.0533	1.0526	-0.0007	0.9816	0.9816	0.0000
2023-10-27T14:16:25	2	0	49	49	0	0.9487	0.9487	0.0000	0.9877	0.9876	0.0001
2023-10-27T14:17:24	1	0	8	8	0	1.0390	1.0390	0.0000	0.9818	0.9814	0.0004
2023-10-27T14:18:21	1	0	94	94	0	0.9117	0.9119	0.0003	0.9736	0.9737	-0.0001
2023-10-27T14:19:13	5	0	10	9	1	1.0535	1.0517	-0.0018	0.9628	0.9618	0.0010
2023-10-27T14:21:12	3	0	15	13	2	1.0413	1.0412	-0.0002	0.9793	0.9794	-0.0001
2023-10-27T14:21:12	1	0	79	77	2	1.0569	1.0570	0.0001	0.9951	0.995	0.0001
2023-10-27T14:21:21	3	0	15	14	1	1.0500	1.0502	0.0002	0.9268	0.9264	0.0004
2023-10-27T14:21:22	1	0	3	3	0	1.0464	1.0462	-0.0002	-0.998	-0.998	0.0000
2023-10-27T14:21:22	16	0	3	2	1	1.0483	1.0447	-0.0037	-0.9999	-0.9999	0.0000
2023-10-27T14:21:46	4	0	24	24	0	1.0422	1.0421	-0.0001	0.9905	0.9901	0.0004
2023-10-27T14:23:19	3	0	29	29	0	1.0503	1.0501	-0.0002	0.9952	0.9951	0.0001
2023-10-27T14:25:10	2	0	90	73	17	1.0563	1.0561	-0.0002	0.9736	0.9732	0.0004
2023-10-27T14:26:01	1	0	1	1	0	1.0015	1.0015	0.0000	0.9971	0.9971	0.0000
2023-10-27T14:26:12	7	0	93	96	-3	1.0553	1.0554	0.0001	0.9972	0.9972	0.0000
2023-10-27T14:29:03	2	0	8	8	0	1.0369	1.0368	-0.0001	0.9844	0.9843	0.0001
2023-10-27T14:29:27	3	0	8	8	0	1.0448	1.0445	-0.0003	-0.9899	-0.99	0.0001
2023-10-27T14:30:18	1	0	126	126	0	1.0545	1.0544	-0.0001	-0.9905	-0.9905	0.0000
2023-10-27T14:30:45	1	0	17	16	1	1.0505	1.0501	-0.0004	0.9906	0.9905	0.0001
2023-10-27T14:30:47	1	0	3	3	0	1.0522	1.0520	-0.0002	0.982	0.982	0.0000
2023-10-27T14:30:51	2	0	3	3	0	1.0557	1.0556	-0.0001	0.9964	0.9974	-0.0010
2023-10-27T14:31:26	2	0	49	49	0	0.9427	0.9427	0.0000	0.9864	0.9864	0.0000
2023-10-27T14:31:42	1	0	4	4	0	0.9839	0.9837	-0.0002	0.9916	0.9915	0.0001
2023-10-27T14:33:22	1	0	96	95	1	0.9072	0.9074	0.0002	0.9674	0.9674	0.0000
2023-10-27T14:34:14	4	0	11	10	1	1.0517	1.0513	-0.0004	0.96	0.9597	0.0003
2023-10-27T14:34:21	2	0	1	1	0	1.0592	1.0582	-0.0010	0.953	0.9527	0.0003

2023-10-27T14:34:32	1	0	246	242	4	1.0609	1.0609	0.0000	-0.9934	-0.9936	0.0002
2023-10-27T14:36:13	2	0	12	12	0	1.0417	1.0416	-0.0001	0.9792	0.9792	0.0000
2023-10-27T14:36:13	2	0	75	74	1	1.0563	1.0563	-0.0001	0.9959	0.9959	0.0000
2023-10-27T14:36:14	4	0	8	8	0	1.0507	1.0505	-0.0002	-0.7197	-0.7209	0.0012
2023-10-27T14:36:22	3	0	11	11	0	1.0509	1.0506	-0.0003	0.9278	0.9269	0.0009
2023-10-27T14:36:23	15	0	12	10	2	1.0491	1.0474	-0.0016	-0.9999	-0.9999	0.0000
2023-10-27T14:36:23	1	0	5	5	0	1.0487	1.0487	-0.0001	-0.9942	-0.9943	0.0001
2023-10-27T14:36:36	1	0	9	8	1	1.0440	1.0418	-0.0021	0.9623	0.9621	0.0002
2023-10-27T14:36:47	4	0	18	17	1	1.0439	1.0438	-0.0001	0.9845	0.9839	0.0006
2023-10-27T14:38:28	1	0	1	1	0	1.0554	1.0554	0.0000	0.9893	0.9893	0.0000
2023-10-27T14:40:11	3	0	205	205	0	1.0731	1.0728	-0.0003	0.9846	0.9836	0.0010
2023-10-27T14:40:34	11	0	1	0	1	1.0430	null	null	-0.9813	-0.9823	0.0010
2023-10-27T14:41:02	1	0	3	3	0	0.9069	0.9069	0.0000	0.9832	0.9833	-0.0001
2023-10-27T14:41:26	9	0	134	120	14	1.0565	1.0564	-0.0001	0.996	0.9959	0.0001
2023-10-27T14:41:37	1	0	1	1	0	1.0570	1.0564	-0.0006	-0.9908	-0.991	0.0002
2023-10-27T14:44:28	3	0	7	7	0	1.0398	1.0397	-0.0001	-0.9893	-0.9893	0.0000
2023-10-27T14:44:55	1	0	2	2	0	1.0041	1.0041	0.0000	-0.9987	-0.9986	-0.0001
2023-10-27T14:45:02	2	0	182	176	6	1.0584	1.0583	-0.0001	0.9833	0.9828	0.0005
2023-10-27T14:45:46	1	0	1	1	0	1.0264	1.0264	0.0000	0.9998	0.9998	0.0000
2023-10-27T14:45:48	1	0	50	50	0	1.0483	1.0483	0.0000	0.9996	0.9996	0.0000
2023-10-27T14:45:48	1	0	2	2	0	1.0477	1.0477	0.0000	0.9847	0.9847	0.0000
2023-10-27T14:45:52	2	0	6	6	0	1.0514	1.0513	-0.0001	0.9961	0.9961	0.0000
2023-10-27T14:47:26	3	0	9	9	0	1.0382	1.0380	-0.0002	0.9848	0.9842	0.0006
2023-10-27T14:49:15	1	0	12	11	1	1.0514	1.0510	-0.0005	0.9605	0.9604	0.0001
2023-10-27T14:51:15	1	0	16	15	1	1.0505	1.0499	-0.0006	-0.7107	-0.7108	0.0001
2023-10-27T14:51:23	2	0	19	19	0	1.0499	1.0498	-0.0001	0.9281	0.928	0.0001
2023-10-27T14:52:51	1	0	32	29	3	1.0445	1.0440	-0.0006	0.9816	0.9816	0.0000
2023-10-27T14:56:34	1	0	13	12	1	1.0487	1.0493	0.0006	0.9978	0.9977	0.0001
2023-10-27T14:57:21	1	0	2	2	0	1.0332	1.0331	-0.0002	0.9982	0.9981	0.0001
2023-10-27T15:00:36	1	0	107	107	0	1.0534	1.0535	0.0000	-0.9902	-0.9902	0.0000
2023-10-27T15:06:38	1	0	11	11	0	1.0432	1.0431	-0.0001	0.9613	0.9606	0.0007
2023-10-27T15:08:19	1	0	15	15	0	0.9309	0.9309	0.0000	0.9838	0.9833	0.0005
2023-10-27T15:14:09	3	0	2	3	-1	0.9973	1.0168	0.0195	0.9982	0.9983	-0.0001
2023-10-27T15:15:10	1	0	436	433	3	1.0615	1.0615	-0.0001	0.9909	0.9908	0.0001
2023-10-27T15:15:37	1	0	225	224	1	1.0577	1.0577	0.0000	-0.9869	-0.9869	0.0000
2023-10-27T15:15:54	1	0	12	12	0	1.0493	1.0493	0.0000	0.9971	0.9971	0.0000
2023-10-27T15:18:25	1	0	1	0	1	1.0586	null	null	0.9682	0.9682	0.0000
2023-10-27T15:19:43	1	0	11	10	1	1.0515	1.0511	-0.0004	0.9911	0.9912	-0.0001
2023-10-27T15:23:20	1	0	30	29	1	0.9287	0.9288	0.0000	0.989	0.9887	0.0003
2023-10-27T15:23:23	2	0	7	7	0	1.0518	1.0517	0.0000	0.9991	0.9991	0.0000
2023-10-27T15:29:03	1	0	3	3	0	1.0137	1.0138	0.0001	0.998	0.998	0.0000
2023-10-27T15:29:07	2	0	6	6	0	1.0469	1.0468	-0.0001	0.994	0.9938	0.0002
2023-10-27T15:29:10	1	0	2	2	0	1.0429	1.0425	-0.0005	0.9984	0.9983	0.0001
2023-10-27T15:31:01	1	0	10	10	0	1.0498	1.0498	0.0000	0.9959	0.9959	0.0000
2023-10-27T15:36:28	7	0	7	7	0	1.0433	1.0433	0.0000	-0.9999	-0.9999	0.0000
2023-10-27T15:44:46	1	0	4	4	0	1.0130	1.0127	-0.0003	0.9976	0.9975	0.0001
2023-10-27T15:45:19	1	0	206	205	1	1.0567	1.0567	0.0000	0.9732	0.9669	0.0063
2023-10-27T15:48:52	2	0	21	20	1	1.0534	1.0533	-0.0001	0.9538	0.9538	0.0000
2023-10-27T15:59:47	4	0	3	3	0	0.9984	1.0176	0.0192	0.998	0.998	0.0000
2023-10-27T16:04:32	2	0	2	3	-1	0.9421	0.9801	0.0379	0.9502	0.9508	-0.0006
2023-10-27T16:06:47	3	0	9	9	0	1.0457	1.0456	-0.0001	-0.9999	-0.9999	0.0000
2023-10-27T16:08:33	2	0	16	14	2	0.9462	0.9391	-0.0071	0.996	0.9957	0.0003
2023-10-27T16:16:03	1	0	7	7	0	1.0462	1.0459	-0.0003	0.9966	0.9958	0.0008
2023-10-27T16:19:33	1	0	6	8	-2	0.9413	0.9560	0.0147	0.9527	0.9528	-0.0001
2023-10-27T16:21:48	1	0	5	5	0	1.0412	1.0411	0.0000	-0.9999	-0.9999	0.0000
2023-10-27T16:23:34	3	0	56	57	-1	0.9473	0.9471	-0.0002	0.9949	0.9944	0.0005
2023-10-27T16:30:26	1	0	407	407	0	1.0585	1.0585	0.0000	0.9736	0.9738	-0.0002
2023-10-27T16:33:34	2	0	10	10	0	1.0315	1.0314	-0.0001	0.9798	0.9798	0.0000
2023-10-27T16:34:04	1	0	1	1	0	1.0273	1.0269	-0.0004	0.904	0.9038	0.0002
2023-10-27T16:36:49	3	0	30	25	5	1.0489	1.0488	-0.0001	-0.9998	-0.9999	0.0001
2023-10-27T16:46:05	1	0	22	22	0	1.0503	1.0503	0.0000	0.9953	0.9954	-0.0001
2023-10-27T17:00:56	1	0	3	3	0	1.0128	1.0129	0.0002	0.9985	0.9986	-0.0001
2023-10-27T17:01:06	1	0	59	59	0	1.0533	1.0533	0.0000	0.9963	0.9964	-0.0001
2023-10-27T17:04:36	1	0	128	127	1	0.9326	0.9327	0.0001	0.9547	0.9545	0.0002
2023-10-27T17:09:18	1	0	239	238	1	1.0598	1.0598	0.0000	-0.9928	-0.9927	-0.0001
2023-10-27T17:16:07	1	0	121	121	0	1.0541	1.0541	0.0000	0.9976	0.9976	0.0000
2023-10-27T17:16:19	1	0	124	123	1	1.0548	1.0548	0.0000	0.9821	0.9821	0.0000
2023-10-27T17:18:00	1	0	243	243	0	1.0568	1.0568	0.0000	0.9743	0.9744	-0.0001
2023-10-27T17:31:08	1	0	17	17	0	1.0498	1.0497	-0.0001	0.9976	0.9974	0.0002
2023-10-27T18:16:11	1	0	29	29	0	1.0515	1.0515	0.0000	0.998	0.9968	0.0012
2023-10-27T18:21:38	1	0	8	8	0	0.9435	0.9436	0.0002	0.9978	0.9978	0.0000
2023-10-28T08:25:52	1	0	147	147	0	1.0577	1.0577	0.0000	-0.9999	-0.9999	0.0000
2023-10-28T08:29:58	1	0	6	6	0	1.0479	1.0479	-0.0001	0.9992	0.9992	0.0000
2023-10-28T08:32:16	1	0	98	98	0	1.0532	1.0532	0.0000	0.9587	0.9588	-0.0001
2023-10-28T09:08:31	1	0	2	2	0	0.9852	0.9850	-0.0003	-0.9653	-0.9647	-0.0006
2023-10-28T09:14:53	1	0	94	87	7	1.0555	1.0552	-0.0002	-0.8979	-0.8977	-0.0002
2023-10-28T09:21:02	1	0	20	18	2	0.9414	0.9416	0.0002	-0.9958	-0.9955	-0.0003
2023-10-28T09:21:29	1	0	11	11	0	1.0451	1.0450	-0.0001	0.9987	0.9986	0.0001
2023-10-28T09:22:36	2	0	4	4	0	0.9190	0.9193	0.0003	-0.9959	-0.9958	-0.0001
2023-10-28T09:25:01	2	0	202	201	1	1.0670	1.0661	-0.0009	-0.9738	-0.9741	0.0003
2023-10-28T09:26:09	1	0	1	2	-1	1.0327	1.0462	0.0135	-0.9969	-0.9968	-0.0001
2023-10-28T09:28:58	1	0	1	0	1	1.0210	null	null	0.9936	0.9935	0.0001
2023-10-28T09:29:39	2	0	2	2	0	1.0342	1.0340	-0.0003	-0.9753	-0.9755	0.0002
2023-10-28T09:30:02	2	0	25	22	3	1.0513	1.0506	-0.0007	0.9979	0.9979	0.0000
2023-10-28T09:32:09	1	0	3	3	0	1.0308	1.0306	-0.0002	0.9841	0.9838	0.0003

2023-10-28T09:33:59	1	0	2	2	0	0.9854	0.9855	0.0001	0.9864	0.9863	0.0001
2023-10-28T09:36:06	3	0	16	16	0	1.0455	1.0450	-0.0006	-0.9999	-0.9999	0.0000
2023-10-28T09:37:11	1	0	2	2	0	1.0197	1.0193	-0.0003	-0.9895	-0.9896	0.0001
2023-10-28T09:44:41	1	0	4	4	0	1.0351	1.0350	-0.0001	-0.9728	-0.9728	0.0000
2023-10-28T09:45:03	2	0	31	29	2	1.0527	1.0524	-0.0002	0.9982	0.9981	0.0001
2023-10-28T09:45:55	2	0	1	0	1	1.0574	null	null	0.9925	0.9925	0.0000
2023-10-28T09:46:23	1	0	1	1	0	0.8867	0.8870	0.0003	0.9947	0.9946	0.0001
2023-10-28T09:46:24	1	0	9	9	0	1.0512	1.0509	-0.0003	0.9611	0.9606	0.0005
2023-10-28T09:48:30	3	0	28	26	2	1.0486	1.0483	-0.0003	0.9545	0.9543	0.0002
2023-10-28T09:49:12	1	0	229	229	0	1.0587	1.0587	0.0000	-0.9902	-0.9902	0.0000
2023-10-28T09:50:38	2	0	1	1	0	1.0370	1.0362	-0.0008	-0.9999	-0.9999	0.0000
2023-10-28T09:51:07	1	0	17	17	0	1.0485	1.0485	0.0000	-1	-1	0.0000
2023-10-28T09:51:21	1	0	6	6	0	1.0134	1.0133	-0.0001	-0.9991	-0.9993	0.0002
2023-10-28T09:52:34	1	0	6	6	0	0.9836	0.9836	0.0000	0.9885	0.9892	-0.0007
2023-10-28T09:53:34	2	0	2	2	0	1.0190	1.0186	-0.0004	-0.9636	-0.9637	0.0001
2023-10-28T09:53:47	5	0	7	7	0	1.0324	1.0320	-0.0004	-0.9966	-0.9965	-0.0001
2023-10-28T09:55:59	1	0	53	52	1	1.0553	1.0553	0.0000	0.9998	0.9998	0.0000
2023-10-28T09:59:23	2	0	4	4	0	1.0478	1.0478	0.0000	-0.9511	-0.951	-0.0001
2023-10-28T09:59:43	1	0	3	3	0	1.0441	1.0441	0.0000	-0.975	-0.9748	-0.0002
2023-10-28T09:59:56	2	0	111	111	0	1.0573	1.0573	0.0000	-0.9114	-0.9108	-0.0006
2023-10-28T10:00:04	3	0	40	36	4	1.0539	1.0538	-0.0001	0.9982	0.9982	0.0000
2023-10-28T10:01:24	1	0	1	1	0	0.8848	0.8848	0.0000	0.9961	0.996	0.0001
2023-10-28T10:03:31	2	0	24	22	2	1.0490	1.0499	0.0009	0.9576	0.9574	0.0002
2023-10-28T10:03:35	1	0	23	20	3	1.0490	1.0486	-0.0004	0.9553	0.9549	0.0004
2023-10-28T10:04:24	1	0	1	1	0	0.9389	0.9397	0.0008	-0.9939	-0.9938	-0.0001
2023-10-28T10:06:06	2	0	9	7	2	0.9430	0.9434	0.0003	-0.9988	-0.9986	-0.0002
2023-10-28T10:06:08	6	0	16	17	-1	1.0488	1.0475	-0.0013	-0.9997	-0.9998	0.0001
2023-10-28T10:06:22	1	0	6	6	0	1.0114	1.0113	-0.0002	-0.9984	-0.9988	0.0004
2023-10-28T10:06:32	2	0	12	11	1	1.0419	1.0417	-0.0002	0.9891	0.9888	0.0003
2023-10-28T10:07:13	1	0	2	2	0	1.0396	1.0388	-0.0008	-0.9928	-0.9929	0.0001
2023-10-28T10:07:39	2	0	4	4	0	0.9162	0.9167	0.0005	-0.9987	-0.9986	-0.0001
2023-10-28T10:08:48	5	0	7	7	0	1.0307	1.0303	-0.0004	-0.996	-0.9959	-0.0001
2023-10-28T10:10:04	2	0	6	6	0	1.0044	1.0039	-0.0005	0.9857	0.9849	0.0008
2023-10-28T10:10:36	1	0	4	4	0	1.0138	1.0137	-0.0001	-0.9963	-0.9963	0.0000
2023-10-28T10:11:00	2	0	137	132	5	1.0580	1.0578	-0.0003	-1	1	0.0000
2023-10-28T10:11:34	2	0	46	46	0	0.9523	0.9526	0.0003	0.9944	0.9944	0.0000
2023-10-28T10:12:37	1	0	2	2	0	1.0681	1.0677	-0.0004	-0.9577	-0.9578	0.0001
2023-10-28T10:12:59	2	0	1	1	0	0.9918	0.9923	0.0005	-0.9843	-0.9881	0.0038
2023-10-28T10:14:44	2	0	3	3	0	1.0436	1.0431	-0.0004	-0.9768	-0.9775	0.0007
2023-10-28T10:15:05	1	0	28	27	1	1.0532	1.0528	-0.0004	0.9983	0.9979	0.0004
2023-10-28T10:16:21	2	0	45	44	1	0.9315	0.9252	-0.0063	0.9721	0.972	0.0001
2023-10-28T10:17:12	2	0	7	7	0	1.0309	1.0307	-0.0002	0.9824	0.982	0.0004
2023-10-28T10:17:23	1	0	54	53	1	1.0515	1.0514	-0.0001	0.9604	0.9604	0.0000
2023-10-28T10:17:49	3	0	39	39	0	0.9502	0.9505	0.0002	0.999	0.999	0.0000
2023-10-28T10:18:07	1	0	1	1	0	1.0246	1.0241	-0.0005	0.9995	0.9995	0.0000
2023-10-28T10:19:58	3	0	18	17	1	1.0494	1.0494	0.0000	-0.999	-0.9991	0.0001
2023-10-28T10:20:41	2	0	3	3	0	1.0350	1.0348	-0.0002	-0.9998	-0.9998	0.0000
2023-10-28T10:21:23	3	0	3	3	0	1.0170	1.0162	-0.0009	-0.9992	-0.9995	0.0003
2023-10-28T10:21:26	2	0	3	3	0	1.0327	1.0323	-0.0004	-0.9961	-0.9946	-0.0015
2023-10-28T10:22:36	1	0	4	4	0	1.0025	1.0024	-0.0002	0.9899	0.9904	-0.0005
2023-10-28T10:23:15	2	0	6	6	0	1.0491	1.0489	-0.0003	-0.9985	-0.9985	0.0000
2023-10-28T10:23:36	2	0	1	1	0	1.0292	1.0271	-0.0021	-0.9528	-0.9534	0.0006
2023-10-28T10:26:26	2	0	1	1	0	1.0573	1.0556	-0.0017	0.9999	0.9998	0.0001
2023-10-28T10:27:26	2	0	2	2	0	0.9848	0.9841	-0.0008	0.9971	0.997	0.0001
2023-10-28T10:28:00	2	0	1	1	0	0.9899	0.9905	0.0006	-0.9859	-0.9857	-0.0002
2023-10-28T10:31:30	1	0	3	3	0	1.0298	1.0295	-0.0003	0.9981	0.998	0.0001
2023-10-28T10:34:26	6	0	1	1	0	1.0403	1.0383	-0.0020	-0.9799	-0.9805	0.0006
2023-10-28T10:38:26	1	0	1	1	0	1.0556	1.0552	-0.0004	1	1	0.0000
2023-10-28T10:38:37	1	0	2	2	0	1.0189	1.0185	-0.0004	-0.9687	-0.9685	-0.0002
2023-10-28T10:41:51	1	0	14	13	1	1.0134	1.0133	-0.0001	0.9424	0.9424	0.0000
2023-10-28T10:45:02	2	0	8	8	0	1.0469	1.0469	0.0000	-0.967	-0.9671	0.0001
2023-10-28T10:46:49	1	0	2	2	0	1.0329	1.0324	-0.0004	-0.9965	-0.9965	0.0000
2023-10-28T10:49:10	1	0	2	2	0	0.9843	0.9846	0.0003	0.984	0.9842	-0.0002
2023-10-28T10:49:16	1	0	76	76	0	1.0558	1.0557	0.0000	-0.9987	-0.9988	0.0001
2023-10-28T10:50:45	2	0	73	72	1	1.0568	1.0566	-0.0001	0.9945	0.9942	0.0003
2023-10-28T10:51:23	1	0	1	1	0	1.0153	1.0150	-0.0003	0.9873	0.9873	0.0000
2023-10-28T10:51:25	1	0	5	5	0	1.0130	1.0128	-0.0002	-0.9997	-0.9998	0.0001
2023-10-28T10:55:39	1	0	7	7	0	1.0172	1.0171	0.0000	-0.995	-0.9951	0.0001
2023-10-28T10:57:28	1	0	3	3	0	1.0388	1.0384	-0.0004	0.9771	0.977	0.0001
2023-10-28T10:59:27	3	0	12	9	3	1.0485	1.0453	-0.0032	-0.9528	-0.954	0.0012
2023-10-28T11:02:07	2	0	1	1	0	1.0308	1.0302	-0.0006	0.9926	0.9923	0.0003
2023-10-28T11:02:25	2	0	2	2	0	1.0631	1.0626	-0.0005	-0.962	-0.9637	0.0017
2023-10-28T11:04:25	1	0	3	2	1	1.0568	1.0558	-0.0010	0.9512	0.951	0.0002
2023-10-28T11:06:26	1	0	5	5	0	1.0121	1.0119	-0.0002	-1	1	0.0000
2023-10-28T11:06:36	2	0	8	8	0	1.0451	1.0450	-0.0001	0.9818	0.9813	0.0005
2023-10-28T11:08:00	1	0	19	18	1	1.0501	1.0497	-0.0003	-0.9686	-0.9687	0.0001
2023-10-28T11:12:05	1	0	3	3	0	1.0328	1.0324	-0.0004	0.999	0.9983	0.0007
2023-10-28T11:15:25	1	0	16	15	1	1.0447	1.0445	-0.0001	0.9999	0.9999	0.0000
2023-10-28T11:17:16	1	0	6	6	0	1.0331	1.0331	0.0000	0.9832	0.9831	0.0001
2023-10-28T11:19:26	2	0	2	2	0	1.0569	1.0561	-0.0009	0.9504	0.9498	0.0006
2023-10-28T11:19:29	2	0	72	72	0	0.9235	0.9235	0.0000	-0.9969	-0.997	0.0001
2023-10-28T11:19:30	1	0	3	3	0	1.0607	1.0604	-0.0003	0.9946	0.9945	0.0001
2023-10-28T11:20:25	2	0	13	16	-3	1.0532	1.0522	-0.0010	-0.9996	-0.9996	0.0000
2023-10-28T11:20:47	1	0	84	83	1	1.0568	1.0568	0.0000	0.9939	0.9939	0.0000
2023-10-28T11:21:13	12	0	18	17	1	1.0514	1.0505	-0.0008	0.9997	0.9989	0.0008

2023-10-28T11:21:27	5	0	9	9	0	1.0097	1.0096	-0.0001	0.9944	0.9999	-0.0055
2023-10-28T11:23:29	1	0	1	0	1	1.0450	null	null	0.9996	0.9996	0.0000
2023-10-28T11:28:48	2	0	28	27	1	1.0501	1.0499	-0.0002	0.9979	0.9979	0.0000
2023-10-28T11:30:05	1	0	6	6	0	1.0464	1.0464	-0.0001	-0.9729	-0.9729	0.0000
2023-10-28T11:31:28	2	0	44	44	0	0.9199	0.9199	0.0000	0.9684	0.9684	0.0000
2023-10-28T11:31:30	4	0	2	2	0	0.9735	0.9728	-0.0008	0.9972	0.997	0.0002
2023-10-28T11:32:17	2	0	5	5	0	1.0347	1.0347	0.0000	0.9824	0.9823	0.0001
2023-10-28T11:32:27	2	0	1	1	0	1.0687	1.0687	0.0000	-0.9652	-0.9647	-0.0005
2023-10-28T11:32:28	1	0	284	284	0	1.0575	1.0575	0.0000	0.9591	0.9592	-0.0001
2023-10-28T11:33:12	1	0	96	95	1	0.9053	0.9080	0.0027	0.9928	0.9931	-0.0003
2023-10-28T11:33:44	1	0	40	39	1	1.0514	1.0513	0.0000	0.9283	0.9408	-0.0125
2023-10-28T11:35:51	2	0	4	4	0	1.0409	1.0409	-0.0001	1	1	0.0000
2023-10-28T11:36:26	1	0	1	1	0	0.9794	0.9794	0.0000	0.9857	0.9857	0.0000
2023-10-28T11:36:38	6	0	9	10	-1	1.0496	1.0497	0.0001	0.9811	0.9814	-0.0003
2023-10-28T11:38:02	2	0	21	18	3	1.0520	1.0512	-0.0008	-0.9618	-0.9619	0.0001
2023-10-28T11:38:30	1	0	2	2	0	1.0455	1.0455	-0.0001	0.9995	0.9996	-0.0001
2023-10-28T11:46:35	1	0	11	11	0	0.9492	0.9493	0.0000	0.9942	0.9943	-0.0001
2023-10-28T11:47:29	1	0	236	236	0	1.0571	1.0571	0.0000	0.9601	0.9602	-0.0001
2023-10-28T11:51:27	1	0	1	1	0	0.9776	0.9776	0.0000	0.9842	0.9842	0.0000
2023-10-28T12:01:30	2	0	1	1	0	1.0574	1.0574	0.0000	0.9678	0.968	-0.0002
2023-10-28T12:16:37	1	0	57	57	0	0.9396	0.9396	0.0000	0.9939	0.9939	0.0000
2023-10-28T12:33:57	2	0	2	1	1	1.0561	1.0551	-0.0010	0.9713	0.9712	0.0001
2023-10-28T12:36:25	2	0	1	0	1	1.0570	null	null	-0.9984	-0.9988	0.0004
2023-10-28T12:36:32	1	0	6	6	0	1.0097	1.0097	0.0000	-1	-1	0.0000
2023-10-28T12:36:44	4	0	7	9	-2	1.0550	1.0541	-0.0009	0.9717	0.973	-0.0013
2023-10-28T12:39:02	6	0	167	163	4	1.0574	1.0574	0.0000	-0.9397	-0.9397	0.0000
2023-10-28T13:02:34	1	0	158	158	0	1.0558	1.0558	0.0000	0.9605	0.9606	-0.0001
2023-10-28T13:17:34	2	0	1	2	-1	1.0687	1.0622	-0.0065	-0.9718	-0.9705	-0.0013
2023-10-28T13:35:59	2	0	3	3	0	1.0432	1.0429	-0.0002	0.9998	0.9998	0.0000
2023-10-28T13:43:49	1	0	21	18	3	1.0546	1.0544	-0.0002	0.998	0.998	0.0000
2023-10-28T13:47:47	1	0	2	2	0	1.0402	1.0398	-0.0004	-0.9954	-0.9955	0.0001
2023-10-28T13:52:50	1	0	3	3	0	0.9942	0.9942	0.0000	0.9897	0.9905	-0.0008
2023-10-28T13:59:31	2	0	12	10	2	1.0531	1.0526	-0.0006	-0.9734	-0.9735	0.0001
2023-10-28T14:06:01	2	0	4	4	0	1.0398	1.0397	-0.0002	0.9995	0.9996	-0.0001
2023-10-28T14:06:50	1	0	5	5	0	1.0524	1.0524	-0.0001	0.9774	0.9772	0.0002
2023-10-28T14:11:50	2	0	3	3	0	1.0053	1.0053	0.0000	0.9921	0.9924	-0.0003
2023-10-28T14:12:05	1	0	11	11	0	1.0208	1.0208	0.0000	0.961	0.9611	-0.0001
2023-10-28T14:12:42	2	0	3	4	-1	0.9727	0.9884	0.0157	0.996	0.9949	0.0011
2023-10-28T14:17:39	1	0	517	517	0	1.0611	1.0611	0.0000	0.959	0.959	0.0000
2023-10-28T14:19:38	6	0	111	110	1	0.9493	0.9499	0.0006	0.9559	0.9569	-0.0010
2023-10-28T14:20:37	5	0	19	19	0	1.0550	1.0549	-0.0001	-1	-0.9999	-0.0001
2023-10-28T14:21:02	2	0	9	9	0	1.0450	1.0448	-0.0001	0.9998	0.9998	0.0000
2023-10-28T14:21:51	1	0	6	6	0	1.0548	1.0547	0.0000	0.9796	0.9795	0.0001
2023-10-28T14:26:17	2	0	126	125	1	1.0579	1.0579	0.0000	0.9998	0.9998	0.0000
2023-10-28T14:27:06	1	0	10	10	0	1.0200	1.0200	0.0000	0.9571	0.9571	0.0000
2023-10-28T14:27:31	3	0	6	6	0	1.0464	1.0457	-0.0007	-0.9975	-0.9976	0.0001
2023-10-28T14:27:43	2	0	2	2	0	1.0007	1.0006	-0.0001	0.9966	0.9966	0.0000
2023-10-28T14:29:42	2	0	2	3	-1	1.0577	1.0535	-0.0042	-0.9644	-0.9642	-0.0002
2023-10-28T14:30:36	1	0	10	10	0	1.0486	1.0485	0.0000	-0.9829	-0.983	0.0001
2023-10-28T14:31:46	1	0	2	2	0	1.0252	1.0249	-0.0003	0.9972	0.9971	0.0001
2023-10-28T14:32:29	3	0	7	7	0	1.0294	1.0293	-0.0001	0.9855	0.9851	0.0004
2023-10-28T14:32:41	1	0	465	465	0	1.0601	1.0601	0.0000	0.9587	0.9587	0.0000
2023-10-28T14:33:56	1	0	12	12	0	1.0522	1.0522	-0.0001	0.9396	0.9396	0.0000
2023-10-28T14:34:39	6	0	130	130	0	0.9334	0.9335	0.0002	0.9547	0.9548	-0.0001
2023-10-28T14:36:03	2	0	6	6	0	1.0444	1.0443	0.0000	-1	0.9999	0.0001
2023-10-28T14:36:19	4	0	2	2	0	0.9730	0.9730	0.0000	0.9976	0.9976	0.0000
2023-10-28T14:36:26	9	0	5	5	0	1.0484	1.0481	-0.0003	0.9992	0.999	0.0002
2023-10-28T14:36:38	1	0	2	2	0	1.0228	1.0225	-0.0003	0.9888	0.9888	0.0000
2023-10-28T14:36:40	7	0	7	7	0	1.0124	1.0123	-0.0001	0.998	0.9977	0.0003
2023-10-28T14:36:52	1	0	4	4	0	1.0542	1.0542	0.0000	0.9723	0.9722	0.0001
2023-10-28T14:37:53	1	0	7	7	0	1.0099	1.0099	0.0000	0.9873	0.9879	-0.0006
2023-10-28T14:41:18	1	0	90	89	1	1.0564	1.0563	0.0000	0.9997	0.9997	0.0000
2023-10-28T14:42:07	1	0	15	15	0	1.0221	1.0221	0.0000	0.9632	0.9632	0.0000
2023-10-28T14:42:44	2	0	2	2	0	0.9984	0.9984	-0.0001	0.9977	0.9966	0.0011
2023-10-28T14:44:19	1	0	1	1	0	1.0198	1.0190	-0.0008	0.995	0.9949	0.0001
2023-10-28T14:45:10	2	0	8	7	1	1.0467	1.0465	-0.0002	-0.9901	-0.9902	0.0001
2023-10-28T14:45:30	1	0	1	1	0	0.9055	0.9055	0.0000	0.9999	0.9999	0.0000
2023-10-28T14:45:37	1	0	8	8	0	1.0481	1.0481	-0.0001	-0.9829	-0.983	0.0001
2023-10-28T14:47:06	1	0	3	2	1	1.0552	1.0551	-0.0001	0.9588	0.9584	0.0004
2023-10-28T14:47:30	3	0	8	8	0	1.0298	1.0297	-0.0001	0.9857	0.9853	0.0004
2023-10-28T14:48:25	1	0	2	0	2	1.0569	null	null	0.9979	0.9978	0.0001
2023-10-28T14:49:22	1	0	1	0	1	1.0553	null	null	0.9635	0.9634	0.0001
2023-10-28T14:50:39	4	0	10	10	0	1.0483	1.0482	-0.0001	-1	-1	0.0000
2023-10-28T14:50:46	4	0	1	0	1	1.0455	null	null	0.9846	0.984	0.0006
2023-10-28T14:51:22	2	0	8	8	0	1.0481	1.0478	-0.0004	0.987	0.9867	0.0003
2023-10-28T14:53:54	1	0	1	2	-1	1.0268	1.0299	0.0031	-0.961	-0.9591	-0.0019
2023-10-28T14:56:53	2	0	16	16	0	0.9666	0.9666	0.0001	0.9924	0.9927	-0.0003
2023-10-28T14:57:12	1	0	72	72	0	1.0578	1.0578	0.0000	-0.9935	-0.9936	0.0001
2023-10-28T14:58:07	2	0	2	2	0	1.0195	1.0194	-0.0001	-0.9989	-0.9994	0.0005
2023-10-28T15:02:07	1	0	3	3	0	1.0559	1.0557	-0.0002	0.9585	0.958	0.0005
2023-10-28T15:02:31	1	0	4	4	0	1.0341	1.0341	-0.0001	0.9878	0.9875	0.0003
2023-10-28T15:04:46	2	0	75	74	1	0.9241	0.9241	0.0000	0.9994	0.9993	0.0001
2023-10-28T15:05:41	2	0	10	8	2	1.0475	1.0475	0.0001	-1	-1	0.0000
2023-10-28T15:06:23	1	0	5	5	0	1.0477	1.0474	-0.0003	0.9873	0.9871	0.0002
2023-10-28T15:08:55	1	0	3	3	0	1.0250	1.0237	-0.0013	-0.9684	-0.9689	0.0005

2023-10-28T15:14:52	2	0	2	2	0	1.0419	1.0416	-0.0003	-0.9783	-0.9783	0.0000
2023-10-28T15:21:29	1	0	4	4	0	1.0381	1.0375	-0.0005	-0.9999	-0.9999	0.0000
2023-10-28T15:21:47	1	0	5	5	0	1.0279	1.0278	0.0000	-0.9951	-0.9933	-0.0018
2023-10-28T15:30:26	1	0	17	17	0	1.0505	1.0505	0.0000	0.9984	0.9984	0.0000
2023-10-28T15:33:28	1	0	2	1	1	1.0566	1.0560	-0.0006	0.998	0.9979	0.0001
2023-10-28T15:34:48	2	0	127	123	4	0.9139	0.9145	0.0006	0.9993	0.9993	0.0000
2023-10-28T15:36:30	4	0	3	3	0	1.0363	1.0361	-0.0001	0.9995	0.999	0.0005
2023-10-28T15:42:48	1	0	4	4	0	1.0191	1.0191	0.0000	0.9972	0.9969	0.0003
2023-10-28T15:45:27	1	0	13	13	0	1.0502	1.0502	0.0000	0.9985	0.9986	-0.0001
2023-10-28T15:46:45	2	0	47	46	1	0.9263	0.9202	-0.0060	0.9884	0.9884	0.0000
2023-10-28T15:59:38	1	0	5	5	0	0.9646	0.9880	0.0233	-0.9997	-0.9997	0.0000
2023-10-28T16:00:28	1	0	15	14	1	1.0499	1.0495	-0.0004	0.9986	0.9986	0.0000
2023-10-28T16:15:06	2	0	3	3	0	1.0077	1.0080	0.0003	-0.9996	-0.9995	-0.0001
2023-10-28T16:15:29	1	0	11	11	0	1.0484	1.0484	0.0000	0.9989	0.9989	0.0000
2023-10-28T16:21:28	1	0	8	8	0	1.0464	1.0464	-0.0001	0.9861	0.986	0.0001
2023-10-28T16:23:07	2	0	7	7	0	0.9420	0.9419	-0.0001	-0.994	-0.9941	0.0001
2023-10-28T16:30:30	1	0	10	10	0	1.0466	1.0466	-0.0001	0.999	0.9988	0.0002
2023-10-28T16:30:36	1	0	3	4	-1	1.0109	1.0250	0.0141	-0.999	-0.9989	-0.0001
2023-10-28T17:00:32	1	0	2	2	0	1.0454	1.0453	-0.0001	0.999	0.9991	-0.0001
2023-10-28T17:15:33	1	0	1	1	0	1.0467	1.0467	0.0000	0.999	0.9991	-0.0001
2023-10-28T17:33:06	1	0	92	92	0	1.0529	1.0529	0.0000	-0.8968	-0.8883	-0.0085
2023-10-29T07:50:27	1	0	150	149	1	1.0601	1.0601	0.0000	0.9949	0.9949	0.0000
2023-10-29T08:10:44	1	0	177	177	0	1.0587	1.0586	0.0000	-0.9999	1	0.0001
2023-10-29T08:55:09	1	0	12	12	0	1.0486	1.0486	0.0000	-0.9414	-0.941	-0.0004
2023-10-29T08:59:13	2	0	3	3	0	1.0379	1.0375	-0.0004	0.9999	0.9999	0.0000
2023-10-29T09:14:46	1	0	26	24	2	1.0502	1.0497	-0.0005	-0.9885	-0.9885	0.0000
2023-10-29T10:10:31	1	0	5	5	0	1.0218	1.0218	-0.0001	-0.9969	-0.9969	0.0000
2023-10-29T10:10:57	1	0	122	117	5	1.0572	1.0570	-0.0002	0.9999	0.9999	0.0000
2023-10-29T10:11:16	1	0	2	2	0	1.0245	1.0240	-0.0005	-0.9672	-0.9661	-0.0011
2023-10-29T10:14:39	3	0	3	3	0	1.0449	1.0445	-0.0004	-0.9836	-0.9842	0.0006
2023-10-29T10:14:51	1	0	84	78	6	1.0562	1.0556	-0.0006	-0.8888	-0.8892	0.0004
2023-10-29T10:14:56	1	0	10	10	0	1.0474	1.0474	-0.0001	-0.9756	-0.9757	0.0001
2023-10-29T10:15:08	2	0	23	21	2	1.0506	1.0493	-0.0014	0.999	0.9991	-0.0001
2023-10-29T10:16:18	1	0	1	1	0	0.8789	0.8793	0.0004	0.9991	0.9991	0.0000
2023-10-29T10:16:20	1	0	18	9	9	1.0566	1.0563	-0.0003	0.9822	0.9957	-0.0135
2023-10-29T10:17:43	1	0	4	4	0	1.0237	1.0235	-0.0002	-0.9996	-0.9995	-0.0001
2023-10-29T10:18:31	1	0	22	21	1	1.0484	1.0480	-0.0004	0.978	0.9776	0.0004
2023-10-29T10:19:02	1	0	4	4	0	1.0063	1.0061	-0.0002	0.9962	0.9961	0.0001
2023-10-29T10:19:19	5	0	35	35	0	0.9373	0.9378	0.0005	0.9635	0.9645	-0.0010
2023-10-29T10:19:57	5	0	6	5	1	1.0470	1.0463	-0.0007	-0.9956	-0.9962	0.0006
2023-10-29T10:20:24	1	0	2	2	0	1.0410	1.0404	-0.0006	-0.996	-0.996	0.0000
2023-10-29T10:20:41	1	0	87	86	1	1.0574	1.0573	-0.0001	0.9979	0.9978	0.0001
2023-10-29T10:21:06	4	0	13	8	5	1.0474	1.0463	-0.0011	-1	-1	0.0000
2023-10-29T10:21:18	3	0	2	2	0	1.0143	1.0135	-0.0009	0.9982	0.9979	0.0003
2023-10-29T10:21:21	1	0	5	5	0	1.0318	1.0317	0.0000	-0.9994	-0.9994	0.0000
2023-10-29T10:21:35	2	0	9	9	0	1.0393	1.0391	-0.0002	0.9987	0.9986	0.0001
2023-10-29T10:22:06	1	0	4	4	0	1.0093	1.0088	-0.0005	-1	-1	0.0000
2023-10-29T10:22:16	1	0	1	1	0	0.9438	0.9441	0.0003	0.9064	0.9071	-0.0007
2023-10-29T10:22:31	1	0	6	6	0	0.9905	0.9904	-0.0001	0.9924	0.9924	0.0000
2023-10-29T10:23:44	5	0	8	8	0	1.0328	1.0324	-0.0004	-0.9946	-0.9945	-0.0001
2023-10-29T10:25:58	1	0	70	69	1	1.0560	1.0559	0.0000	0.9995	0.9995	0.0000
2023-10-29T10:26:17	1	0	3	3	0	1.0214	1.0209	-0.0005	-0.9728	-0.9737	0.0009
2023-10-29T10:27:02	1	0	1	0	1	1.0578	null	null	0.9999	0.9998	0.0001
2023-10-29T10:29:19	1	0	1	1	0	1.0585	1.0579	-0.0006	0.9975	0.9975	0.0000
2023-10-29T10:32:44	1	0	7	7	0	1.0173	1.0174	0.0000	-0.9999	-0.9999	0.0000
2023-10-29T10:34:20	1	0	7	6	1	1.0203	1.0130	-0.0073	0.971	0.9707	0.0003
2023-10-29T10:35:41	2	0	2	2	0	1.0290	1.0287	-0.0003	1	1	0.0000
2023-10-29T10:36:22	1	0	1	1	0	1.0318	1.0315	-0.0003	-0.9975	-0.9974	-0.0001
2023-10-29T10:40:59	1	0	119	118	1	1.0573	1.0573	0.0000	0.9999	0.9999	0.0000
2023-10-29T10:41:18	1	0	1	2	-1	1.0184	1.0167	-0.0016	-0.9776	-0.977	-0.0006
2023-10-29T10:41:56	2	0	29	29	0	1.0309	1.0308	-0.0001	0.9753	0.9751	0.0002
2023-10-29T10:42:20	1	0	2	2	0	1.0731	1.0726	-0.0005	-0.9674	-0.9676	0.0002
2023-10-29T10:42:31	3	0	3	2	1	1.0476	1.0406	-0.0069	1	0.9999	0.0001
2023-10-29T10:42:35	1	0	10	10	0	1.0429	1.0429	-0.0001	-0.9924	-0.9923	-0.0001
2023-10-29T10:43:43	2	0	31	30	1	1.0509	1.0508	-0.0001	0.999	0.999	0.0000
2023-10-29T10:43:55	1	0	3	3	0	1.0181	1.0179	-0.0002	0.9938	0.9937	0.0001
2023-10-29T10:45:10	1	0	10	10	0	1.0492	1.0491	-0.0001	-0.9761	-0.9762	0.0001
2023-10-29T10:46:26	1	0	4	5	-1	1.0237	1.0077	-0.0159	0.9969	0.9968	0.0001
2023-10-29T10:47:45	1	0	9	9	0	1.0066	1.0065	0.0000	-0.9995	-0.9995	0.0000
2023-10-29T10:50:43	1	0	98	98	0	1.0578	1.0577	-0.0001	0.9978	0.9977	0.0001
2023-10-29T10:51:01	2	0	1	0	1	1.0451	null	null	0.9801	0.98	0.0001
2023-10-29T10:51:11	7	0	12	12	0	1.0450	1.0447	-0.0003	-0.9987	-0.9994	0.0007
2023-10-29T10:51:20	4	0	7	7	0	1.0065	1.0060	-0.0004	0.9958	0.9995	-0.0037
2023-10-29T10:52:18	1	0	1	1	0	0.9430	0.9434	0.0004	0.8942	0.8948	-0.0006
2023-10-29T10:52:40	2	0	27	15	12	0.9300	0.9312	0.0012	0.9984	0.9987	-0.0003
2023-10-29T10:53:20	3	0	2	0	2	1.0358	null	null	-0.9786	-0.9792	0.0006
2023-10-29T10:53:21	1	0	1	1	0	1.0573	1.0569	-0.0004	0.9988	0.9987	0.0001
2023-10-29T10:55:34	1	0	5	5	0	1.0059	1.0059	0.0000	-0.9983	-0.9983	0.0000
2023-10-29T10:57:20	2	0	3	3	0	0.9771	0.9764	-0.0007	0.9808	0.9805	0.0003
2023-10-29T11:01:19	2	0	50	50	0	1.0587	1.0587	0.0000	0.9978	0.9977	0.0001
2023-10-29T11:01:47	1	0	5	5	0	1.0551	1.0549	-0.0003	0.963	0.9624	0.0006
2023-10-29T11:02:02	2	0	6	6	0	1.0382	1.0377	-0.0005	0.998	0.9978	0.0002
2023-10-29T11:04:05	1	0	4	4	0	1.0083	1.0082	-0.0001	0.9962	0.9962	0.0000
2023-10-29T11:04:17	1	0	86	82	4	1.0599	1.0597	-0.0001	-0.9938	-0.994	0.0002
2023-10-29T11:04:22	2	0	1	1	0	1.0256	1.0251	-0.0005	-0.9822	-0.9825	0.0003

2023-10-29T11:04:24	1	0	3	3	0	1.0666	1.0663	-0.0003	0.9776	0.9773	0.0003
2023-10-29T11:05:44	1	0	113	112	1	1.0591	1.0591	0.0000	0.9981	0.9981	0.0000
2023-10-29T11:06:02	2	0	1	1	0	1.0457	1.0452	-0.0005	0.9796	0.9793	0.0003
2023-10-29T11:08:30	1	0	16	16	0	1.0484	1.0476	-0.0008	-0.997	-0.9971	0.0001
2023-10-29T11:10:24	2	0	1	0	1	1.0550	null	null	-0.9914	-0.9914	0.0000
2023-10-29T11:11:13	1	0	11	10	1	1.0499	1.0503	0.0005	0.997	0.9959	0.0011
2023-10-29T11:12:58	3	0	1	1	0	0.9866	0.9880	0.0014	-0.9915	-0.9911	-0.0004
2023-10-29T11:15:12	1	0	23	23	0	1.0507	1.0507	0.0000	0.9985	0.9985	0.0000
2023-10-29T11:16:22	2	0	2	2	0	0.9663	0.9655	-0.0008	0.9986	0.9984	0.0002
2023-10-29T11:19:23	1	0	36	28	8	0.9363	0.9379	0.0016	-0.9885	-0.9882	-0.0003
2023-10-29T11:21:22	3	0	7	7	0	1.0092	1.0091	0.0000	0.9977	-1	-0.0023
2023-10-29T11:21:57	2	0	13	13	0	1.0422	1.0421	-0.0001	0.9976	0.9974	0.0002
2023-10-29T11:25:25	1	0	1	0	1	1.0556	null	null	-0.9921	-0.9923	0.0002
2023-10-29T11:28:55	2	0	4	3	1	1.0584	1.0572	-0.0012	0.9995	0.9993	0.0002
2023-10-29T11:30:17	1	0	1	0	1	1.0559	null	null	-1	-1	0.0000
2023-10-29T11:31:21	1	0	50	50	0	1.0600	1.0600	0.0000	0.9977	0.9977	0.0000
2023-10-29T11:31:29	1	0	29	29	0	0.9462	0.9462	0.0000	0.9965	0.9965	0.0000
2023-10-29T11:34:24	5	0	21	18	3	0.9468	0.9473	0.0005	0.9603	0.9596	0.0007
2023-10-29T11:36:14	14	0	15	14	1	1.0473	1.0466	-0.0007	-0.9991	-0.9996	0.0005
2023-10-29T11:36:26	1	0	1	1	0	1.0295	1.0295	0.0000	-0.998	-0.9979	-0.0001
2023-10-29T11:40:01	6	0	14	15	-1	1.0484	1.0493	0.0009	-0.9978	-0.9978	0.0000
2023-10-29T11:40:42	1	0	1	1	0	1.0570	1.0567	-0.0003	-0.9913	-0.9914	0.0001
2023-10-29T11:43:16	1	0	10	9	1	1.0418	1.0382	-0.0036	0.9895	0.9893	0.0002
2023-10-29T11:44:18	3	0	2	1	1	1.0670	1.0642	-0.0028	1	1	0.0000
2023-10-29T11:44:19	2	0	15	14	1	1.0517	1.0515	-0.0002	-0.9855	-0.9856	0.0001
2023-10-29T11:45:18	1	0	3	2	1	1.0570	1.0563	-0.0007	-1	-1	0.0000
2023-10-29T11:46:22	2	0	49	49	0	0.9551	0.9551	0.0000	0.9969	0.997	-0.0001
2023-10-29T11:46:26	8	0	4	5	-1	1.0232	1.0229	-0.0004	0.954	0.9179	0.0361
2023-10-29T11:50:46	2	0	3	3	0	1.0444	1.0444	0.0000	1	1	0.0000
2023-10-29T11:56:25	6	0	7	8	-1	1.0571	1.0569	-0.0001	-0.9978	-0.9978	0.0000
2023-10-29T11:59:29	3	0	4	3	1	1.0615	1.0588	-0.0027	0.9997	0.9999	-0.0002
2023-10-29T12:01:23	2	0	51	51	0	1.0632	1.0632	0.0000	0.9969	0.9969	0.0000
2023-10-29T12:01:29	7	0	3	4	-1	1.0219	1.0226	0.0007	0.9504	0.9205	0.0299
2023-10-29T12:05:47	2	0	3	3	0	1.0441	1.0441	0.0000	-1	-1	0.0000
2023-10-29T12:08:18	1	0	8	8	0	1.0530	1.0529	-0.0001	1	1	0.0000
2023-10-29T12:11:26	6	0	3	4	-1	1.0552	1.0508	-0.0045	-0.9978	-0.9981	0.0003
2023-10-29T12:15:20	1	0	1	2	-1	1.0561	1.0556	-0.0005	1	1	0.0000
2023-10-29T12:17:27	1	0	68	68	0	1.0534	1.0534	0.0000	0.9704	0.9704	0.0000
2023-10-29T12:44:01	1	0	34	33	1	1.0530	1.0529	-0.0001	0.9958	0.996	-0.0002
2023-10-29T12:45:46	1	0	2	1	1	1.0633	1.0602	-0.0031	1	1	0.0000
2023-10-29T12:46:32	5	0	8	8	0	1.0482	1.0477	-0.0005	0.988	0.9882	-0.0002
2023-10-29T13:01:33	1	0	5	8	-3	1.0403	1.0458	0.0055	0.9519	0.9757	-0.0238
2023-10-29T13:01:35	1	0	83	83	0	0.9360	0.9361	0.0001	0.9924	0.9924	0.0000
2023-10-29T13:02:30	1	0	85	83	2	1.0536	1.0535	-0.0001	0.9689	0.969	-0.0001
2023-10-29T13:04:39	1	0	8	9	-1	0.9838	0.9791	-0.0047	-0.9874	-0.9874	0.0000
2023-10-29T13:06:20	1	0	21	21	0	1.0519	1.0519	0.0000	-0.9895	-0.9894	-0.0001
2023-10-29T13:19:40	1	0	8	9	-1	0.9728	0.9693	-0.0035	-0.9876	-0.9875	-0.0001
2023-10-29T13:33:42	1	0	3	3	0	1.0251	1.0251	0.0000	0.9606	0.9604	0.0002
2023-10-29T13:38:24	1	0	4	4	0	1.0519	1.0519	0.0000	-0.9999	-0.9999	0.0000
2023-10-29T13:49:42	1	0	7	7	0	0.9885	0.9880	-0.0005	-0.988	-0.9881	0.0001
2023-10-29T13:55:13	2	0	1	1	0	1.0566	1.0560	-0.0006	0.9938	0.9935	0.0003
2023-10-29T14:00:27	1	0	1	1	0	1.0559	1.0558	-0.0001	-1	-1	0.0000
2023-10-29T14:03:09	2	0	4	3	1	1.0615	1.0577	-0.0038	-1	-1	0.0000
2023-10-29T14:03:21	1	0	1	1	0	1.0610	1.0609	-0.0001	-1	-1	0.0000
2023-10-29T14:03:44	1	0	4	4	0	1.0256	1.0256	-0.0001	0.9612	0.9612	0.0000
2023-10-29T14:03:55	2	0	3	1	2	1.0559	1.0553	-0.0006	0.9665	0.9661	0.0004
2023-10-29T14:04:43	5	0	6	7	-1	0.9982	0.9901	-0.0081	-0.9876	-0.9877	0.0001
2023-10-29T14:05:42	1	0	1	1	0	1.0556	1.0555	-0.0001	-0.994	-0.994	0.0000
2023-10-29T14:05:59	2	0	1	0	1	1.0552	null	null	-0.8396	-0.8392	-0.0004
2023-10-29T14:06:05	2	0	4	4	0	1.0419	1.0418	-0.0001	0.9999	0.9999	0.0000
2023-10-29T14:07:53	2	0	5	6	-1	0.9222	0.9257	0.0035	0.9987	0.9987	0.0000
2023-10-29T14:08:26	1	0	4	4	0	1.0514	1.0513	-0.0001	-0.9999	-0.9999	0.0000
2023-10-29T14:11:45	3	0	4	4	0	1.0422	1.0417	-0.0005	-0.997	-0.997	0.0000
2023-10-29T14:14:55	3	0	4	5	-1	1.0407	1.0436	0.0029	-0.99	-0.9898	-0.0002
2023-10-29T14:16:32	2	0	48	48	0	0.9490	0.9490	0.0000	0.9975	0.9974	0.0001
2023-10-29T14:16:57	1	0	2	2	0	1.0292	1.0288	-0.0004	-0.9972	-0.9972	0.0000
2023-10-29T14:17:59	3	0	13	13	0	1.0362	1.0362	0.0000	0.9988	0.9988	0.0000
2023-10-29T14:18:22	1	0	1	1	0	1.0599	1.0596	-0.0003	-0.9997	-0.9997	0.0000
2023-10-29T14:18:39	2	0	2	1	1	1.0645	1.0601	-0.0044	1	0.9997	0.0003
2023-10-29T14:18:45	1	0	7	7	0	1.0273	1.0272	-0.0001	0.9696	0.962	0.0076
2023-10-29T14:19:44	9	0	5	5	0	1.0107	1.0098	-0.0009	-0.9871	-0.9877	0.0006
2023-10-29T14:20:43	1	0	1	1	0	1.0409	1.0408	-0.0001	-0.9986	-0.9986	0.0000
2023-10-29T14:21:06	2	0	4	4	0	1.0420	1.0420	-0.0001	1	1	0.0000
2023-10-29T14:21:15	4	0	7	7	0	1.0453	1.0449	-0.0003	0.9934	0.9933	0.0001
2023-10-29T14:22:50	2	0	12	13	-1	1.0508	1.0511	0.0003	-0.985	-0.985	0.0000
2023-10-29T14:22:54	2	0	55	49	6	0.9233	0.9236	0.0004	0.9946	0.9946	0.0000
2023-10-29T14:27:33	3	0	3	3	0	1.0543	1.0543	0.0000	-0.9969	-0.9969	0.0000
2023-10-29T14:28:27	1	0	89	89	0	1.1140	1.1137	-0.0003	0.9904	0.9904	0.0000
2023-10-29T14:29:56	3	0	5	5	0	1.0454	1.0454	-0.0001	-0.9854	-0.9855	0.0001
2023-10-29T14:31:33	2	0	46	46	0	0.9399	0.9399	0.0000	0.9968	0.9968	0.0000
2023-10-29T14:31:58	1	0	2	2	0	1.0312	1.0311	-0.0001	-0.997	-0.997	0.0000
2023-10-29T14:33:00	3	0	8	8	0	1.0136	1.0136	0.0000	0.9984	0.9984	0.0000
2023-10-29T14:33:23	1	0	2	2	0	1.0415	1.0414	-0.0002	0.9994	0.9994	0.0000
2023-10-29T14:34:07	2	0	2	1	1	1.0651	1.0576	-0.0074	-1	1	0.0000
2023-10-29T14:34:43	5	0	6	6	0	0.9855	0.9854	-0.0001	0.9702	0.9704	-0.0002

2023-10-29T14:34:45	2	0	1	1	0	1.0313	1.0306	-0.0007	-0.9881	-0.9882	0.0001
2023-10-29T14:35:44	1	0	2	2	0	1.0410	1.0409	-0.0001	-0.9984	-0.9984	0.0000
2023-10-29T14:36:16	2	0	5	5	0	1.0492	1.0491	-0.0001	0.9955	0.9923	0.0032
2023-10-29T14:36:26	2	0	8	6	2	1.0473	1.0455	-0.0018	-0.9921	-0.9922	0.0001
2023-10-29T14:36:41	1	0	2	2	0	1.0233	1.0233	0.0000	-0.9987	-0.9986	-0.0001
2023-10-29T14:37:50	1	0	9	9	0	1.0130	1.0129	-0.0001	0.9896	0.9895	0.0001
2023-10-29T14:37:55	3	0	58	53	5	0.9228	0.9230	0.0003	0.9927	0.9933	-0.0006
2023-10-29T14:38:11	2	0	11	12	-1	1.0512	1.0515	0.0003	-0.9824	-0.9823	-0.0001
2023-10-29T14:38:28	2	0	1	1	0	1.0587	1.0582	-0.0005	-1	-1	0.0000
2023-10-29T14:43:23	6	0	10	10	0	1.0486	1.0482	-0.0004	-0.9977	-0.9977	0.0000
2023-10-29T14:43:28	3	0	7	7	0	1.0237	1.0237	-0.0001	0.9905	0.9899	0.0006
2023-10-29T14:44:11	1	0	7	7	0	1.0244	1.0242	-0.0002	0.9939	0.9937	0.0002
2023-10-29T14:44:57	3	0	4	4	0	1.0411	1.0410	0.0000	-0.9855	-0.9855	0.0000
2023-10-29T14:45:26	1	0	1	1	0	1.0597	1.0596	-0.0001	0.9984	0.9989	-0.0005
2023-10-29T14:46:44	1	0	4	4	0	1.0247	1.0244	-0.0003	0.9967	0.9966	0.0001
2023-10-29T14:46:49	1	0	16	16	0	1.0492	1.0492	0.0000	-0.9992	-0.9992	0.0000
2023-10-29T14:47:39	1	0	98	97	1	1.0543	1.0544	0.0001	0.9695	0.9695	0.0000
2023-10-29T14:48:47	1	0	6	6	0	1.0275	1.0275	-0.0001	0.966	0.9659	0.0001
2023-10-29T14:49:46	8	0	5	5	0	1.0105	1.0103	-0.0002	-0.9874	-0.9871	-0.0003
2023-10-29T14:51:08	2	0	4	4	0	1.0428	1.0426	-0.0002	-1	-1	0.0000
2023-10-29T14:51:45	2	0	1	1	0	1.0101	1.0099	-0.0002	0.9968	0.9967	0.0001
2023-10-29T14:58:29	1	0	87	87	0	1.0813	1.0811	-0.0001	0.9918	0.9918	0.0000
2023-10-29T15:04:41	1	0	5	5	0	1.0025	1.0026	0.0001	0.9967	0.9969	-0.0002
2023-10-29T15:04:47	1	0	3	3	0	1.0307	1.0305	-0.0002	-0.9838	-0.984	0.0002
2023-10-29T15:06:18	2	0	14	14	0	1.0498	1.0497	-0.0001	0.9955	0.9954	0.0001
2023-10-29T15:08:39	3	0	2	2	0	1.0382	1.0382	0.0000	-0.9766	-0.9766	0.0000
2023-10-29T15:15:28	1	0	2	2	0	1.0504	1.0503	-0.0001	0.9988	0.9991	-0.0003
2023-10-29T15:16:10	1	0	16	16	0	1.0522	1.0521	-0.0001	-0.9974	-0.9974	0.0000
2023-10-29T15:18:57	1	0	4	5	-1	1.0191	1.0250	0.0059	0.9763	0.9774	-0.0011
2023-10-29T15:19:48	1	0	3	3	0	1.0000	1.0003	0.0003	-0.9889	-0.9889	0.0000
2023-10-29T15:20:02	1	0	2	2	0	1.0440	1.0412	-0.0028	0.9999	0.9999	0.0000
2023-10-29T15:21:39	1	0	1	1	0	1.0180	1.0177	-0.0003	0.9926	0.9926	0.0000
2023-10-29T15:21:41	2	0	10	10	0	1.0453	1.0453	0.0000	-0.9905	-0.9906	0.0001
2023-10-29T15:21:41	1	0	126	125	1	1.0581	1.0581	0.0000	0.9998	0.9998	0.0000
2023-10-29T15:33:58	1	0	3	3	0	1.0402	1.0389	-0.0013	0.9764	0.9763	0.0001
2023-10-29T15:34:47	1	0	5	7	-2	0.9993	1.0108	0.0115	0.9706	0.9713	-0.0007
2023-10-29T15:56:46	1	0	1	1	0	1.0258	1.0249	-0.0009	-0.9732	-0.9717	-0.0015
2023-10-29T16:06:07	2	0	2	2	0	1.0464	1.0459	-0.0005	-0.8457	-0.846	0.0003
2023-10-29T16:11:47	1	0	4	4	0	1.0214	1.0210	-0.0003	-0.9765	-0.9768	0.0003
2023-10-29T16:27:47	1	0	4	4	0	0.9607	0.9606	-0.0001	0.9776	0.9772	0.0004
2023-10-29T16:47:47	1	0	12	10	2	0.9425	0.9425	0.0000	-0.9991	-0.999	-0.0001
2023-10-29T17:44:21	1	0	500	499	1	1.0568	1.0568	0.0000	-0.9852	-0.9848	-0.0004
2023-10-29T18:36:41	1	0	1	1	0	1.0330	1.0330	0.0000	-0.9883	-0.9883	0.0000
2023-10-29T18:36:54	1	0	5	5	0	1.0459	1.0459	0.0000	-0.9949	-0.9949	0.0000
2023-10-30T07:52:18	2	0	106	106	0	0.9192	0.9194	0.0002	0.9659	0.9659	0.0000
2023-10-30T08:10:38	1	0	131	129	2	1.0565	1.0565	0.0000	-0.9999	-0.9999	0.0000
2023-10-30T08:14:33	1	0	53	53	0	1.0537	1.0536	-0.0001	-0.8866	-0.886	-0.0006
2023-10-30T08:29:46	1	0	15	15	0	1.0488	1.0488	0.0000	-0.9997	-0.9997	0.0000
2023-10-30T08:32:02	1	0	340	340	0	1.0577	1.0577	0.0000	0.9751	0.9751	0.0000
2023-10-30T08:37:10	1	0	1	1	0	0.9436	0.9439	0.0003	-0.9954	-0.9953	-0.0001
2023-10-30T08:40:40	1	0	53	51	2	1.0548	1.0548	0.0000	-1	-1	0.0000
2023-10-30T08:56:05	1	0	1	1	0	1.0310	1.0305	-0.0005	-0.9877	-0.9874	-0.0003
2023-10-30T09:01:52	1	0	8	9	-1	1.0224	1.0246	0.0022	0.984	0.984	0.0000
2023-10-30T09:14:31	1	0	4	4	0	1.0021	1.0020	-0.0001	0.985	0.9853	-0.0003
2023-10-30T09:25:38	1	0	2	2	0	0.9425	0.9430	0.0005	0.9807	0.9806	0.0001
2023-10-30T09:25:43	1	0	131	126	5	1.0564	1.0564	0.0000	-0.9997	-0.9997	0.0000
2023-10-30T09:25:47	1	0	193	192	1	1.0570	1.0570	0.0000	-0.9995	-0.9995	0.0000
2023-10-30T09:26:07	1	0	722	719	3	0.7889	0.8269	0.0380	0.8816	0.898	-0.0164
2023-10-30T09:26:07	1	0	1	1	0	1.0317	1.0310	-0.0007	-0.9861	-0.9855	-0.0006
2023-10-30T09:28:44	1	0	2	1	1	1.0260	1.0258	-0.0002	0.9973	0.9973	0.0000
2023-10-30T09:29:40	2	0	2	2	0	1.0282	1.0280	-0.0003	-0.9908	-0.9909	0.0001
2023-10-30T09:31:26	2	0	13	12	1	1.0405	1.0417	0.0012	-0.9972	-0.9972	0.0000
2023-10-30T09:33:59	1	0	1	1	0	0.9385	0.9388	0.0003	0.9592	0.9595	-0.0003
2023-10-30T09:34:08	3	0	11	11	0	1.0379	1.0377	-0.0002	-0.9842	-0.9843	0.0001
2023-10-30T09:35:52	3	0	19	21	-2	1.0500	1.0494	-0.0006	-0.9997	-0.9997	0.0000
2023-10-30T09:36:52	1	0	5	5	0	0.9779	0.9778	-0.0001	0.998	0.998	0.0000
2023-10-30T09:44:51	1	0	21	21	0	1.0496	1.0496	0.0000	-0.9999	-0.9999	0.0000
2023-10-30T09:46:08	1	0	1	1	0	0.9140	0.9143	0.0003	0.9925	0.9925	0.0000
2023-10-30T09:46:13	1	0	5	5	0	1.0207	1.0206	-0.0001	0.9859	0.9856	0.0003
2023-10-30T09:46:28	4	0	15	15	0	1.0381	1.0380	-0.0001	-0.9968	-0.9969	0.0001
2023-10-30T09:47:15	1	0	3	3	0	1.0384	1.0382	-0.0002	0.9992	0.9992	0.0000
2023-10-30T09:47:28	1	0	13	13	0	1.0209	1.0209	-0.0001	0.9885	0.9886	-0.0001
2023-10-30T09:49:09	1	0	28	22	6	0.9405	0.9408	0.0003	-0.9998	-0.9998	0.0000
2023-10-30T09:50:24	2	0	3	3	0	1.0225	1.0224	-0.0001	0.982	0.9819	0.0001
2023-10-30T09:50:48	2	0	17	15	2	1.0501	1.0505	0.0004	0.9212	0.9208	0.0004
2023-10-30T09:50:53	1	0	15	15	0	1.0465	1.0465	0.0000	-0.9999	-0.9999	0.0000
2023-10-30T09:52:17	1	0	7	7	0	1.0353	1.0353	0.0000	0.9931	0.9932	-0.0001
2023-10-30T09:56:09	2	0	1	1	0	1.0357	1.0323	-0.0034	-0.9888	-0.9891	0.0003
2023-10-30T09:56:21	1	0	7	7	0	1.0191	1.0191	-0.0001	0.9941	0.9941	0.0000
2023-10-30T09:57:08	1	0	11	10	1	1.0499	1.0494	-0.0005	0.9966	0.9966	0.0000
2023-10-30T09:59:09	2	0	10	10	0	1.0474	1.0474	0.0000	-0.963	-0.9634	0.0004
2023-10-30T09:59:40	1	0	65	65	0	1.0544	1.0544	0.0000	-0.9009	-0.9003	-0.0006
2023-10-30T09:59:52	4	0	20	17	3	1.0497	1.0484	-0.0012	-1	-1	0.0000
2023-10-30T10:00:04	1	0	1	1	0	1.0380	1.0376	-0.0004	0.988	0.988	0.0000
2023-10-30T10:01:56	1	0	6	6	0	0.9552	0.9552	0.0000	0.981	0.9811	-0.0001

2023-10-30T10:02:08	1	0	374	372	2	1.0583	1.0583	0.0000	0.9771	0.9772	-0.0001
2023-10-30T10:02:16	2	0	2	2	0	1.0365	1.0363	-0.0002	0.9995	0.9995	0.0000
2023-10-30T10:04:01	2	0	3	3	0	0.9405	0.9407	0.0002	0.9454	0.9456	-0.0002
2023-10-30T10:04:34	1	0	32	31	1	1.0506	1.0507	0.0001	0.9974	0.9974	0.0000
2023-10-30T10:05:25	2	0	3	3	0	1.0283	1.0281	-0.0002	0.9795	0.9793	0.0002
2023-10-30T10:05:34	2	0	2	2	0	1.0468	1.0462	-0.0006	-0.8159	-0.8167	0.0008
2023-10-30T10:05:49	2	0	17	14	3	1.0498	1.0506	0.0008	0.9219	0.9214	0.0005
2023-10-30T10:05:54	4	0	13	11	2	1.0471	1.0475	0.0004	-0.9999	-0.9999	0.0000
2023-10-30T10:06:11	2	0	5	5	0	1.0129	1.0128	-0.0001	0.9999	0.9998	0.0001
2023-10-30T10:06:19	1	0	2	2	0	1.0464	1.0462	-0.0003	0.9857	0.9853	0.0004
2023-10-30T10:06:54	1	0	6	6	0	0.9936	0.9932	-0.0003	0.9981	0.998	0.0001
2023-10-30T10:07:16	1	0	1	0	1	0.9444	null	null	-0.9928	-0.9925	-0.0003
2023-10-30T10:07:29	3	0	87	83	4	0.9213	0.9223	0.0010	0.9572	0.9579	-0.0007
2023-10-30T10:08:06	3	0	2	2	0	1.0409	1.0401	-0.0007	-0.982	-0.9823	0.0003
2023-10-30T10:08:50	3	0	81	78	3	0.9306	0.9317	0.0011	0.9843	0.9846	-0.0003
2023-10-30T10:10:22	1	0	6	6	0	1.0211	1.0210	-0.0001	-0.9997	-0.9997	0.0000
2023-10-30T10:10:41	1	0	2	2	0	0.9399	0.9407	0.0008	0.9789	0.9787	0.0002
2023-10-30T10:10:46	1	0	16	15	1	1.0525	1.0523	-0.0002	-0.9998	-0.9998	0.0000
2023-10-30T10:11:10	1	0	1	1	0	1.0160	1.0156	-0.0004	-0.9921	-0.992	-0.0001
2023-10-30T10:13:47	1	0	3	3	0	1.0289	1.0286	-0.0003	0.9965	0.9964	0.0001
2023-10-30T10:14:35	1	0	4	4	0	1.0028	1.0027	-0.0001	0.9851	0.9856	-0.0005
2023-10-30T10:14:41	1	0	78	75	3	1.0555	1.0550	-0.0005	-0.8987	-0.8992	0.0005
2023-10-30T10:14:43	3	0	3	3	0	1.0393	1.0389	-0.0004	-0.9944	-0.9947	0.0003
2023-10-30T10:15:15	1	0	16	15	1	1.0536	1.0535	-0.0001	0.9722	0.9721	0.0001
2023-10-30T10:16:33	2	0	8	8	0	1.0363	1.0360	-0.0003	-0.9981	-0.9982	0.0001
2023-10-30T10:19:11	1	0	30	21	9	0.9402	0.9410	0.0008	0.9999	0.9999	0.0000
2023-10-30T10:19:35	3	0	31	30	1	1.0504	1.0500	-0.0004	0.9975	0.9974	0.0001
2023-10-30T10:20:32	1	0	33	32	1	1.0481	1.0481	0.0001	-0.9921	-0.9922	0.0001
2023-10-30T10:20:55	4	0	14	14	0	1.0453	1.0451	-0.0002	-1	-1	0.0000
2023-10-30T10:21:12	2	0	4	4	0	1.0087	1.0086	-0.0001	-0.9962	-0.9962	0.0000
2023-10-30T10:21:12	3	0	4	4	0	1.0140	1.0134	-0.0007	0.9984	0.9979	0.0005
2023-10-30T10:25:52	3	0	2	2	0	1.0401	1.0390	-0.0011	0.9996	0.9993	0.0003
2023-10-30T10:27:46	2	0	1	1	0	0.9931	0.9936	0.0005	-0.9717	-0.9714	-0.0003
2023-10-30T10:29:11	1	0	11	10	1	1.0466	1.0464	-0.0002	-0.9609	-0.9612	0.0003
2023-10-30T10:32:52	2	0	57	56	1	1.0517	1.0516	-0.0001	0.9784	0.9783	0.0001
2023-10-30T10:33:25	1	0	1	1	0	0.9386	0.9401	0.0015	0.9567	0.9569	-0.0002
2023-10-30T10:34:03	4	0	4	4	0	0.9449	0.9696	0.0247	0.9641	0.9646	-0.0005
2023-10-30T10:34:36	1	0	9	10	-1	1.0487	1.0494	0.0008	0.9974	0.9973	0.0001
2023-10-30T10:35:51	2	0	12	11	1	1.0521	1.0518	-0.0003	0.9196	0.9195	0.0001
2023-10-30T10:37:20	1	0	68	47	21	1.0515	1.0502	-0.0013	0.9933	0.9932	0.0001
2023-10-30T10:42:47	2	0	1	1	0	0.9950	0.9956	0.0006	-0.9725	-0.9722	-0.0003
2023-10-30T10:43:31	1	0	1	1	0	1.0021	1.0027	0.0006	0.9981	0.9924	0.0057
2023-10-30T10:43:46	1	0	168	162	6	1.0579	1.0578	-0.0001	0.973	0.9729	0.0001
2023-10-30T10:44:16	1	0	1	1	0	1.0097	1.0094	-0.0003	0.9827	0.9827	0.0000
2023-10-30T10:46:12	3	0	2	2	0	0.9840	0.9833	-0.0007	0.992	0.9918	0.0002
2023-10-30T10:46:39	1	0	14	14	0	1.0502	1.0500	-0.0001	0.9622	0.9615	0.0007
2023-10-30T10:46:57	2	0	9	9	0	1.0348	1.0346	-0.0002	0.9914	0.991	0.0004
2023-10-30T10:49:27	1	0	1	0	1	0.9595	null	null	-0.9961	-0.996	-0.0001
2023-10-30T10:49:37	1	0	52	45	7	1.0537	1.0540	0.0004	0.9983	0.9983	0.0000
2023-10-30T10:50:52	1	0	23	22	1	1.0509	1.0506	-0.0003	0.9181	0.9175	0.0006
2023-10-30T10:51:15	1	0	3	3	0	1.0184	1.0181	-0.0003	0.9958	0.9954	0.0004
2023-10-30T10:51:22	2	0	2	2	0	1.0624	1.0620	-0.0005	0.9772	0.9763	0.0009
2023-10-30T10:52:46	2	0	46	46	0	0.9187	0.9187	-0.0001	0.9909	0.9908	0.0001
2023-10-30T10:55:25	1	0	4	4	0	1.0179	1.0179	-0.0001	-1	-1	0.0000
2023-10-30T10:55:49	1	0	15	14	1	1.0513	1.0511	-0.0003	-0.9998	-0.9998	0.0000
2023-10-30T10:56:22	1	0	666	689	-23	0.7922	0.8375	0.0453	0.8874	0.9078	-0.0204
2023-10-30T10:58:51	1	0	140	136	4	1.0573	1.0572	-0.0001	0.964	0.9635	0.0005
2023-10-30T10:59:38	1	0	4	4	0	0.9994	0.9992	-0.0001	0.9796	0.9803	-0.0007
2023-10-30T10:59:44	1	0	73	72	1	1.0550	1.0550	0.0000	-0.9013	-0.9007	-0.0006
2023-10-30T10:59:56	1	0	17	17	0	1.0500	1.0500	0.0000	-1	-1	0.0000
2023-10-30T11:01:53	2	0	24	21	3	1.0563	1.0563	0.0000	0.9966	0.9964	0.0002
2023-10-30T11:01:58	1	0	9	9	0	1.0366	1.0365	0.0000	0.9916	0.9912	0.0004
2023-10-30T11:02:00	1	0	20	20	0	0.9721	0.9721	0.0000	0.9806	0.9806	0.0000
2023-10-30T11:02:35	1	0	6	6	0	0.9841	0.9843	0.0002	0.9851	0.9851	0.0000
2023-10-30T11:02:46	2	0	11	10	1	1.0525	1.0520	-0.0005	0.9985	0.9984	0.0001
2023-10-30T11:04:05	1	0	2	1	1	1.0006	0.9440	-0.0566	0.9729	0.9728	0.0001
2023-10-30T11:05:16	4	0	6	5	1	1.0462	1.0457	-0.0004	0.9855	0.9848	0.0007
2023-10-30T11:05:53	2	0	22	20	2	1.0507	1.0499	-0.0008	0.9186	0.9176	0.0010
2023-10-30T11:05:58	1	0	7	7	0	1.0469	1.0466	-0.0003	-1	-1	0.0000
2023-10-30T11:06:15	1	0	3	3	0	1.0685	1.0683	-0.0003	0.9814	0.9812	0.0002
2023-10-30T11:06:28	2	0	3	2	1	1.0542	1.0514	-0.0028	-0.9992	-0.9994	0.0002
2023-10-30T11:07:53	2	0	70	70	0	0.9343	0.9343	0.0000	0.9615	0.9612	0.0003
2023-10-30T11:08:15	1	0	1	1	0	1.0555	1.0551	-0.0004	0.9824	0.9822	0.0002
2023-10-30T11:12:16	1	0	4	2	2	1.0580	1.0566	-0.0014	0.9995	0.9993	0.0002
2023-10-30T11:12:21	1	0	12	11	1	1.0544	1.0543	-0.0001	0.9307	0.9306	0.0001
2023-10-30T11:13:55	1	0	177	170	7	1.0580	1.0579	-0.0001	0.9645	0.9641	0.0004
2023-10-30T11:14:57	1	0	13	13	0	1.0485	1.0485	0.0000	1	1	0.0000
2023-10-30T11:15:09	1	0	1	1	0	1.0355	1.0352	-0.0003	0.9882	0.9881	0.0001
2023-10-30T11:16:37	4	0	8	8	0	1.0404	1.0398	-0.0006	-0.9999	-0.9999	0.0000
2023-10-30T11:16:59	1	0	8	8	0	1.0387	1.0387	0.0000	0.9913	0.991	0.0003
2023-10-30T11:17:56	1	0	1	1	0	1.0562	1.0551	-0.0011	0.9673	0.967	0.0003
2023-10-30T11:20:08	1	0	12	12	0	1.0547	1.0546	-0.0001	0.9977	0.9977	0.0000
2023-10-30T11:20:54	1	0	20	20	0	1.0513	1.0512	-0.0001	0.9152	0.9148	0.0004
2023-10-30T11:20:59	2	0	4	4	0	1.0378	1.0376	-0.0003	-1	-1	0.0000
2023-10-30T11:21:59	1	0	4	4	0	1.0127	1.0127	0.0001	0.9989	0.9989	0.0000

2023-10-30T11:24:56	3	0	5	5	0	1.0498	1.0493	-0.0005	0.9851	0.9743	0.0108
2023-10-30T11:26:15	1	0	1	1	0	1.0266	1.0264	-0.0002	-0.9881	-0.988	-0.0001
2023-10-30T11:28:34	1	0	19	19	0	1.0491	1.0491	0.0000	1	-1	0.0000
2023-10-30T11:28:57	1	0	3	3	0	1.0480	1.0480	-0.0001	0.9961	0.9959	0.0002
2023-10-30T11:28:59	1	0	148	146	2	1.0574	1.0573	-0.0001	0.969	0.9688	0.0002
2023-10-30T11:32:00	3	0	6	6	0	1.0377	1.0377	0.0000	0.9907	0.9904	0.0003
2023-10-30T11:32:14	1	0	311	311	0	1.0582	1.0582	0.0000	0.977	0.9771	-0.0001
2023-10-30T11:32:37	2	0	5	5	0	1.0120	1.0118	-0.0002	0.99	0.9899	0.0001
2023-10-30T11:34:16	6	0	142	141	1	0.9093	0.9096	0.0003	0.9998	0.9998	0.0000
2023-10-30T11:35:40	4	0	5	5	0	1.0509	1.0509	0.0000	-0.8307	-0.8315	0.0008
2023-10-30T11:36:02	2	0	3	3	0	1.0513	1.0510	-0.0003	-0.9975	-0.9975	0.0000
2023-10-30T11:37:49	2	0	45	45	0	0.9075	0.9075	0.0000	0.9897	0.9898	-0.0001
2023-10-30T11:38:12	3	0	2	2	0	1.0482	1.0482	0.0000	-0.9897	-0.9896	-0.0001
2023-10-30T11:43:05	3	0	3	2	1	1.0603	1.0587	-0.0016	0.9997	0.9996	0.0001
2023-10-30T11:43:07	1	0	82	82	0	1.1328	1.1314	-0.0014	-0.9963	-0.9963	0.0000
2023-10-30T11:43:35	1	0	8	8	0	1.0496	1.0495	0.0000	0.9999	0.9999	0.0000
2023-10-30T11:47:01	3	0	8	8	0	1.0384	1.0384	0.0000	0.9895	0.9892	0.0003
2023-10-30T11:47:03	4	0	14	13	1	1.0366	1.0350	-0.0016	0.9901	0.9902	-0.0001
2023-10-30T11:47:15	1	0	338	340	-2	1.0589	1.0589	0.0000	0.9773	0.9774	-0.0001
2023-10-30T11:49:08	6	0	3	2	1	1.0208	0.9976	-0.0232	0.9504	0.9495	0.0009
2023-10-30T11:52:50	2	0	45	45	0	0.9096	0.9096	0.0000	0.9877	0.9877	0.0000
2023-10-30T11:58:36	1	0	10	10	0	1.0498	1.0498	0.0000	-1	-1	0.0000
2023-10-30T12:02:02	2	0	9	9	0	1.0381	1.0381	0.0000	0.9888	0.9885	0.0003
2023-10-30T12:04:39	2	0	15	14	1	1.0429	1.0420	-0.0009	0.9599	0.9599	0.0000
2023-10-30T12:05:42	4	0	6	7	-1	1.0513	1.0522	0.0009	-0.8174	-0.8154	-0.0020
2023-10-30T12:07:51	2	0	44	44	0	0.9163	0.9163	0.0000	0.9949	0.9949	0.0000
2023-10-30T12:13:32	3	0	2	2	0	1.0464	1.0384	-0.0080	0.9992	0.9985	0.0007
2023-10-30T12:17:05	2	0	18	18	0	0.9606	0.9606	0.0000	0.9813	0.9801	0.0012
2023-10-30T12:19:38	1	0	4	4	0	1.0359	1.0359	0.0000	-0.9938	-0.9938	0.0000
2023-10-30T12:20:46	1	0	33	32	1	1.0493	1.0491	-0.0003	-0.9935	-0.9935	0.0000
2023-10-30T12:25:50	2	0	65	65	0	1.0541	1.0536	-0.0005	0.9905	0.9904	0.0001
2023-10-30T12:27:17	2	0	2	2	0	0.9992	0.9988	-0.0004	0.9943	0.9941	0.0002
2023-10-30T12:27:20	2	0	43	43	0	1.0559	1.0557	-0.0001	0.9998	0.9998	0.0000
2023-10-30T12:29:13	2	0	15	14	1	1.0518	1.0514	-0.0003	-0.9999	-0.9999	0.0000
2023-10-30T12:33:05	4	0	70	67	3	1.0537	1.0535	-0.0002	0.9745	0.9744	0.0001
2023-10-30T12:36:06	4	0	15	13	2	1.0498	1.0486	-0.0012	0.9986	0.9986	0.0000
2023-10-30T12:38:16	3	0	3	3	0	1.0506	1.0506	0.0000	-0.9905	-0.9901	-0.0004
2023-10-30T12:45:10	1	0	1	1	0	1.0310	1.0310	0.0000	-1	-1	0.0000
2023-10-30T12:49:21	4	0	141	140	1	0.9069	0.9101	0.0032	0.9972	0.9965	0.0007
2023-10-30T12:53:46	4	0	18	17	1	1.0314	1.0304	-0.0011	0.9999	0.9999	0.0000
2023-10-30T12:58:43	1	0	1	1	0	1.0568	1.0567	-0.0001	0.9968	0.9968	0.0000
2023-10-30T13:02:08	2	0	13	11	2	0.9653	0.9696	0.0043	0.9801	0.9803	-0.0002
2023-10-30T13:03:41	1	0	4	4	0	1.0529	1.0525	-0.0004	0.9709	0.9708	0.0001
2023-10-30T13:04:34	1	0	6	7	-1	0.9723	0.9684	-0.0039	-0.9987	-0.9987	0.0000
2023-10-30T13:19:34	1	0	125	119	6	0.9183	0.9191	0.0008	0.999	0.999	0.0000
2023-10-30T13:34:35	2	0	115	109	6	0.9186	0.9195	0.0009	0.9991	0.9991	0.0000
2023-10-30T13:38:17	1	0	6	6	0	1.0505	1.0504	-0.0001	0.9963	0.9963	0.0000
2023-10-30T13:47:23	1	0	292	293	-1	1.0580	1.0580	0.0000	0.976	0.9761	-0.0001
2023-10-30T13:49:16	6	0	1	0	1	0.9447	null	null	0.9631	0.9631	0.0000
2023-10-30T13:52:25	1	0	24	24	0	1.0526	1.0518	-0.0008	-0.9979	-0.9979	0.0000
2023-10-30T13:55:06	3	0	4	5	-1	1.0498	1.0490	-0.0007	0.9737	0.9745	-0.0008
2023-10-30T13:56:43	1	0	4	4	0	1.0311	1.0310	-0.0001	0.9625	0.9725	-0.0100
2023-10-30T13:57:23	1	0	3	3	0	1.0528	1.0527	-0.0001	0.9959	0.9958	0.0001
2023-10-30T14:02:03	1	0	34	33	1	1.0500	1.0498	-0.0002	0.9888	0.9888	0.0000
2023-10-30T14:02:12	1	0	20	17	3	1.0485	1.0468	-0.0018	0.9824	0.9824	0.0000
2023-10-30T14:03:12	1	0	96	96	0	0.9043	0.9065	0.0023	0.9641	0.9645	-0.0004
2023-10-30T14:03:16	3	0	45	44	1	1.0532	1.0531	-0.0001	0.974	0.9739	0.0001
2023-10-30T14:04:17	1	0	1	1	0	1.0557	1.0554	-0.0003	0.9658	0.9657	0.0001
2023-10-30T14:04:37	1	0	51	51	0	0.9326	0.9328	0.0002	-1	-1	0.0000
2023-10-30T14:05:46	4	0	15	12	3	1.0443	1.0417	-0.0027	0.9885	0.9886	-0.0001
2023-10-30T14:05:51	4	0	4	4	0	1.0525	1.0524	-0.0002	-0.8077	-0.8078	0.0001
2023-10-30T14:06:44	7	0	2	3	-1	1.0159	1.0173	0.0014	0.9991	0.9994	-0.0003
2023-10-30T14:08:22	3	0	5	5	0	1.0524	1.0521	-0.0003	-0.9805	-0.9808	0.0003
2023-10-30T14:10:07	2	0	7	7	0	1.0527	1.0525	-0.0001	0.9862	0.986	0.0002
2023-10-30T14:12:24	1	0	3	3	0	1.0537	1.0537	0.0000	0.9958	0.9957	0.0001
2023-10-30T14:13:44	2	0	8	8	0	1.0457	1.0456	-0.0001	0.9999	0.9999	0.0000
2023-10-30T14:14:05	3	0	4	4	0	1.0552	1.0551	-0.0001	1	1	0.0000
2023-10-30T14:14:13	2	0	198	194	4	1.0580	1.0580	0.0000	0.9703	0.9702	0.0001
2023-10-30T14:14:29	11	0	13	9	4	1.0486	1.0454	-0.0032	-0.9923	-0.9922	-0.0001
2023-10-30T14:17:13	1	0	19	20	-1	1.0337	1.0336	-0.0002	0.9808	0.9809	-0.0001
2023-10-30T14:17:25	1	0	330	330	0	1.0581	1.0581	0.0000	0.9768	0.9768	0.0000
2023-10-30T14:18:13	1	0	96	96	0	0.9057	0.9060	0.0003	0.9613	0.9614	-0.0001
2023-10-30T14:19:18	1	0	1	0	1	1.0553	null	null	0.9751	0.975	0.0001
2023-10-30T14:19:38	2	0	50	50	0	0.9342	0.9343	0.0002	1	1	0.0000
2023-10-30T14:20:31	8	0	16	15	1	1.0495	1.0488	-0.0007	0.9862	0.9858	0.0004
2023-10-30T14:20:40	3	0	191	186	5	1.0576	1.0575	0.0000	-0.9909	-0.991	0.0001
2023-10-30T14:20:47	2	0	12	12	0	1.0413	1.0413	0.0000	0.9872	0.9871	0.0001
2023-10-30T14:20:52	4	0	4	4	0	1.0516	1.0515	-0.0002	-0.8123	-0.8126	0.0003
2023-10-30T14:21:45	4	0	1	1	0	1.0150	1.0143	-0.0007	-1	-1	0.0000
2023-10-30T14:23:23	3	0	5	5	0	1.0491	1.0489	-0.0002	-0.9821	-0.9822	0.0001
2023-10-30T14:23:52	5	0	28	27	1	1.0389	1.0386	-0.0003	1	1	0.0000
2023-10-30T14:25:08	2	0	7	7	0	1.0521	1.0520	-0.0001	0.9861	0.9858	0.0003
2023-10-30T14:26:45	1	0	928	934	-6	0.8069	0.8090	0.0021	0.8726	0.8913	-0.0187
2023-10-30T14:27:25	2	0	5	5	0	1.0508	1.0505	-0.0003	0.996	0.9959	0.0001
2023-10-30T14:28:18	2	0	85	84	1	1.1252	1.1276	0.0024	-0.9861	-0.986	-0.0001

2023-10-30T14:29:17	2	0	416	414	2	1.0600	1.0599	-0.0001	0.9797	0.9794	0.0003
2023-10-30T14:29:31	3	0	15	13	2	1.0454	1.0444	-0.0010	-0.9918	-0.9919	0.0001
2023-10-30T14:29:37	5	0	5	5	0	1.0452	1.0451	-0.0001	0.9999	0.9998	0.0001
2023-10-30T14:32:14	2	0	21	20	1	0.9969	0.9997	0.0028	0.9751	0.975	0.0001
2023-10-30T14:32:26	1	0	368	368	0	1.0584	1.0584	0.0000	0.9784	0.9784	0.0000
2023-10-30T14:32:49	2	0	28	28	0	1.0400	1.0400	0.0000	0.9919	0.9918	0.0001
2023-10-30T14:33:32	5	0	136	125	11	1.0551	1.0549	-0.0002	0.9734	0.9731	0.0003
2023-10-30T14:34:19	1	0	94	93	1	1.0560	1.0560	0.0000	-0.9875	-0.9835	-0.0040
2023-10-30T14:34:19	1	0	1	0	1	0.9440	null	null	0.9615	0.9621	-0.0006
2023-10-30T14:34:31	1	0	18	18	0	1.0510	1.0509	-0.0002	0.9955	0.9955	0.0000
2023-10-30T14:34:39	2	0	53	53	0	0.9311	0.9313	0.0002	-0.9999	-0.9999	0.0000
2023-10-30T14:35:32	8	0	18	18	0	1.0493	1.0492	-0.0001	0.9868	0.9866	0.0002
2023-10-30T14:35:48	2	0	16	15	1	1.0407	1.0407	0.0000	0.9882	0.9882	0.0000
2023-10-30T14:35:53	4	0	5	5	0	1.0519	1.0518	-0.0001	-0.7954	-0.7955	0.0001
2023-10-30T14:35:55	1	0	140	139	1	1.0541	1.0541	0.0000	-0.9907	-0.9907	0.0000
2023-10-30T14:36:12	2	0	17	16	1	1.0477	1.0470	-0.0006	-1	1	0.0000
2023-10-30T14:36:24	1	0	8	8	0	1.0399	1.0398	-0.0001	0.973	0.973	0.0000
2023-10-30T14:36:41	1	0	3	3	0	1.0555	1.0553	-0.0002	0.9755	0.9749	0.0006
2023-10-30T14:36:46	4	0	3	3	0	1.0191	1.0188	-0.0003	1	1	0.0000
2023-10-30T14:38:01	2	0	1	1	0	1.0167	1.0161	-0.0006	0.9892	0.9892	0.0000
2023-10-30T14:38:24	3	0	4	4	0	1.0492	1.0491	-0.0001	-0.9808	-0.9809	0.0001
2023-10-30T14:38:53	4	0	31	31	0	1.0409	1.0409	-0.0001	1	1	0.0000
2023-10-30T14:40:09	3	0	7	7	0	1.0522	1.0521	-0.0001	0.9866	0.9862	0.0004
2023-10-30T14:41:46	1	0	1	1	0	1.0207	1.0198	-0.0009	0.9722	0.9759	-0.0037
2023-10-30T14:42:26	2	0	9	9	0	1.0505	1.0504	-0.0001	0.9968	0.9967	0.0001
2023-10-30T14:43:19	1	0	86	85	1	1.1176	1.1194	0.0019	-0.9746	-0.9745	-0.0001
2023-10-30T14:44:22	2	0	435	435	0	1.0606	1.0605	0.0000	0.9819	0.9817	0.0002
2023-10-30T14:44:31	1	0	14	12	2	1.0468	1.0460	-0.0008	-0.9936	-0.9937	0.0001
2023-10-30T14:45:11	2	0	28	28	0	1.0517	1.0517	0.0000	-0.9999	-0.9999	0.0000
2023-10-30T14:46:30	1	0	2	1	1	1.0487	1.0457	-0.0030	0.9434	0.9413	0.0021
2023-10-30T14:49:20	1	0	2	0	2	1.0565	null	null	0.9662	0.966	0.0002
2023-10-30T14:51:13	1	0	22	21	1	1.0469	1.0463	-0.0006	-1	-1	0.0000
2023-10-30T14:51:47	1	0	4	4	0	1.0166	1.0165	0.0000	0.9971	0.9968	0.0003
2023-10-30T14:53:56	1	0	18	18	0	1.0295	1.0295	0.0000	0.9998	0.9999	-0.0001
2023-10-30T14:55:34	1	0	20	20	0	1.0404	1.0403	-0.0001	0.9848	0.9847	0.0001
2023-10-30T14:56:00	1	0	34	34	0	1.0493	1.0493	0.0000	0.9908	0.9907	0.0001
2023-10-30T15:00:02	3	0	3	3	0	1.0525	1.0524	0.0000	-1	-1	0.0000
2023-10-30T15:03:27	1	0	1	0	1	1.0561	null	null	0.9679	0.9679	0.0000
2023-10-30T15:04:21	2	0	1	2	-1	0.9438	0.9995	0.0558	0.9717	0.9718	-0.0001
2023-10-30T15:04:41	2	0	96	86	10	0.9215	0.9227	0.0013	0.9993	0.9992	0.0001
2023-10-30T15:12:33	2	0	1	1	0	1.0579	1.0563	-0.0016	0.9955	0.9953	0.0002
2023-10-30T15:15:23	1	0	3	3	0	1.0514	1.0512	-0.0002	1	-1	0.0000
2023-10-30T15:16:32	1	0	2	2	0	0.9817	0.9831	0.0014	0.9628	0.9837	-0.0209
2023-10-30T15:17:17	1	0	23	23	0	0.9834	0.9834	0.0000	0.9799	0.9798	0.0001
2023-10-30T15:20:44	1	0	164	162	2	1.0567	1.0566	-0.0001	-0.9915	-0.9915	0.0000
2023-10-30T15:22:32	2	0	15	16	-1	1.0501	1.0504	0.0003	-0.9961	-0.9961	0.0000
2023-10-30T15:32:57	2	0	10	10	0	1.0435	1.0434	-0.0001	0.9944	0.9942	0.0002
2023-10-30T15:33:44	1	0	154	151	3	1.0555	1.0555	0.0000	0.9727	0.9727	0.0000
2023-10-30T15:35:25	1	0	21	21	0	1.0522	1.0522	-0.0001	0.9989	0.9989	0.0000
2023-10-30T15:35:45	4	0	274	271	3	1.0593	1.0593	0.0000	-0.993	-0.993	0.0000
2023-10-30T15:36:16	3	0	17	16	1	1.0514	1.0514	0.0000	-1	1	0.0000
2023-10-30T15:43:54	1	0	1	1	0	0.9933	0.9939	0.0006	0.9941	0.9941	0.0000
2023-10-30T15:46:34	7	0	36	10	26	1.0573	1.0561	-0.0013	0.9479	0.9443	0.0036
2023-10-30T15:49:24	2	0	7	7	0	0.9429	0.9567	0.0137	0.9604	0.9606	-0.0002
2023-10-30T16:00:16	1	0	15	15	0	1.0505	1.0505	0.0000	0.9978	0.9978	0.0000
2023-10-30T16:01:45	2	0	3	3	0	1.0360	1.0353	-0.0008	0.9999	0.9999	0.0000
2023-10-30T16:02:32	3	0	1	1	0	1.0366	1.0358	-0.0008	0.9967	0.9962	0.0005
2023-10-30T16:04:25	1	0	7	6	1	1.0074	0.9987	-0.0087	0.9798	0.9798	0.0000
2023-10-30T16:10:03	1	0	2	2	0	0.9423	0.9440	0.0017	-0.9959	-0.9989	0.0030
2023-10-30T16:11:58	1	0	8	8	0	1.0231	1.0231	0.0000	0.978	0.9779	0.0001
2023-10-30T16:13:25	1	0	5	5	0	1.0381	1.0380	-0.0002	-0.9934	-0.9935	0.0001
2023-10-30T16:17:19	1	0	10	10	0	1.0355	1.0354	0.0000	0.9915	0.9911	0.0004
2023-10-30T16:19:26	4	0	28	28	0	0.9559	0.9560	0.0001	0.9681	0.9684	-0.0003
2023-10-30T16:21:53	1	0	4	4	0	1.0128	1.0127	-0.0001	0.9993	0.9992	0.0001
2023-10-30T16:30:18	1	0	16	16	0	1.0505	1.0505	0.0000	0.9974	0.9975	-0.0001
2023-10-30T16:31:19	1	0	2	2	0	1.0352	1.0350	-0.0002	-0.9975	-0.9976	0.0001
2023-10-30T16:38:31	2	0	110	110	0	0.9228	0.9228	0.0000	0.9771	0.977	0.0001
2023-10-30T16:45:19	1	0	13	13	0	1.0498	1.0498	0.0000	0.9982	0.9981	0.0001
2023-10-30T16:49:30	1	0	27	26	1	0.9740	0.9752	0.0011	0.977	0.9768	0.0002
2023-10-30T17:51:22	1	0	19	19	0	0.9415	0.9418	0.0002	-0.9999	-0.9999	0.0000
2023-10-31T07:52:20	2	0	270	270	0	0.8878	0.8880	0.0003	0.9469	0.9468	0.0001
2023-10-31T08:11:08	1	0	27	26	1	0.9429	0.9430	0.0000	-0.9905	-0.9902	-0.0003
2023-10-31T08:13:41	1	0	494	494	0	1.0605	1.0605	0.0000	0.974	0.974	0.0000
2023-10-31T08:14:38	1	0	95	92	3	1.0564	1.0563	0.0000	-0.9438	-0.9433	-0.0005
2023-10-31T08:20:44	1	0	49	48	1	1.0557	1.0556	0.0000	0.974	0.9739	0.0001
2023-10-31T08:25:42	1	0	76	75	1	1.0561	1.0561	0.0000	0.9995	0.9995	0.0000
2023-10-31T08:26:09	1	0	56	56	0	0.9423	0.9423	0.0000	-0.9919	-0.9917	-0.0002
2023-10-31T08:29:52	1	0	25	25	0	1.0512	1.0512	0.0000	-1	-1	0.0000
2023-10-31T08:32:06	1	0	305	305	0	1.0583	1.0582	-0.0001	0.9917	0.9918	-0.0001
2023-10-31T08:37:14	1	0	1	1	0	0.9377	0.9380	0.0003	0.9998	0.9998	0.0000
2023-10-31T08:48:17	1	0	31	31	0	0.9440	0.9441	0.0000	0.9732	0.9733	-0.0001
2023-10-31T09:07:25	2	0	239	241	-2	0.9125	0.9125	0.0000	0.948	0.9477	0.0003
2023-10-31T09:09:53	2	0	8	8	0	1.0519	1.0517	-0.0002	0.988	0.9878	0.0002
2023-10-31T09:14:55	1	0	32	30	2	1.0536	1.0535	-0.0001	0.9971	0.9971	0.0000
2023-10-31T09:19:08	1	0	3	3	0	0.9662	0.9660	-0.0002	0.9621	0.9621	0.0000

2023-10-31T09:20:48	2	0	64	56	8	1.0562	1.0561	-0.0002	0.9741	0.974	0.0001
2023-10-31T09:20:56	4	0	47	38	9	1.0529	1.0525	-0.0005	-0.9956	-0.9957	0.0001
2023-10-31T09:21:27	1	0	4	4	0	0.9925	0.9924	-0.0001	0.9614	0.9618	-0.0004
2023-10-31T09:28:50	1	0	6	6	0	1.0268	1.0266	-0.0002	0.9961	0.9961	0.0000
2023-10-31T09:29:29	2	0	2	2	0	1.0270	1.0267	-0.0003	-0.989	-0.9892	0.0002
2023-10-31T09:29:56	1	0	75	64	11	1.0543	1.0542	-0.0001	0.9976	0.9977	-0.0001
2023-10-31T09:31:57	1	0	13	13	0	1.0365	1.0365	0.0000	0.9895	0.9893	0.0002
2023-10-31T09:32:54	1	0	3	3	0	1.0286	1.0282	-0.0004	0.9665	0.9709	-0.0044
2023-10-31T09:34:09	1	0	3	3	0	0.9901	0.9901	0.0000	0.9697	0.9701	-0.0004
2023-10-31T09:35:57	2	0	19	19	0	1.0467	1.0468	0.0001	-0.9995	-0.9998	0.0003
2023-10-31T09:36:56	1	0	3	3	0	0.9976	0.9974	-0.0002	-0.9965	-0.9965	0.0000
2023-10-31T09:41:20	1	0	8	8	0	1.0194	1.0193	0.0000	0.9956	0.9955	0.0001
2023-10-31T09:44:57	1	0	21	21	0	1.0522	1.0522	0.0000	0.9969	0.9969	0.0000
2023-10-31T09:46:16	1	0	1	1	0	1.0261	1.0258	-0.0003	0.994	0.9889	0.0051
2023-10-31T09:46:17	1	0	4	4	0	1.0248	1.0247	-0.0002	0.983	0.9828	0.0002
2023-10-31T09:46:41	2	0	17	14	3	1.0499	1.0499	0.0000	0.992	0.9917	0.0003
2023-10-31T09:46:58	1	0	16	16	0	1.0376	1.0376	0.0000	0.9895	0.9893	0.0002
2023-10-31T09:47:49	2	0	3	3	0	1.0362	1.0358	-0.0004	0.9786	0.9786	0.0000
2023-10-31T09:49:12	1	0	1	1	0	0.9386	0.9389	0.0003	-0.9994	-0.9993	-0.0001
2023-10-31T09:50:29	2	0	3	3	0	1.0280	1.0278	-0.0002	0.9873	0.9873	0.0000
2023-10-31T09:50:58	1	0	11	11	0	1.0482	1.0482	0.0000	-0.9989	-0.9994	0.0005
2023-10-31T09:51:14	1	0	4	4	0	1.0146	1.0145	-0.0001	0.9989	0.9988	0.0001
2023-10-31T09:53:43	5	0	16	15	1	1.0358	1.0349	-0.0010	-0.9998	-0.9998	0.0000
2023-10-31T09:54:13	1	0	2	2	0	0.9235	0.9238	0.0002	0.9916	0.9916	0.0000
2023-10-31T09:55:38	1	0	1	0	1	1.0565	null	null	0.9988	0.9987	0.0001
2023-10-31T09:59:33	1	0	4	4	0	1.0357	1.0356	-0.0001	-0.9882	-0.9882	0.0000
2023-10-31T09:59:45	2	0	93	93	0	1.0560	1.0560	0.0000	-0.9194	-0.9194	0.0000
2023-10-31T09:59:58	4	0	21	21	0	1.0517	1.0516	-0.0001	0.9966	0.9965	0.0001
2023-10-31T10:00:10	1	0	1	1	0	1.0358	1.0354	-0.0004	0.9863	0.9862	0.0001
2023-10-31T10:00:17	1	0	3	3	0	1.0322	1.0320	-0.0002	0.988	0.988	0.0000
2023-10-31T10:01:45	1	0	8	8	0	1.0516	1.0516	0.0000	0.9934	0.9935	-0.0001
2023-10-31T10:01:59	1	0	14	14	0	1.0374	1.0372	-0.0002	0.9901	0.9898	0.0003
2023-10-31T10:02:53	4	0	74	71	3	1.0534	1.0532	-0.0001	0.9768	0.9767	0.0001
2023-10-31T10:02:56	1	0	2	2	0	1.0188	1.0182	-0.0005	0.9609	0.9607	0.0002
2023-10-31T10:03:22	2	0	25	24	1	1.0311	1.0300	-0.0011	0.9667	0.9668	-0.0001
2023-10-31T10:04:11	1	0	3	2	1	1.0063	0.9812	-0.0251	0.9716	0.9717	-0.0001
2023-10-31T10:04:13	1	0	1	1	0	0.9428	0.9431	0.0003	-0.9998	-0.9998	0.0000
2023-10-31T10:05:31	2	0	4	4	0	1.0315	1.0314	-0.0002	0.9854	0.9854	0.0000
2023-10-31T10:05:51	4	0	70	59	11	1.0576	1.0571	-0.0005	0.9724	0.9718	0.0006
2023-10-31T10:05:59	3	0	17	15	2	1.0517	1.0497	-0.0020	-0.9998	-1	0.0002
2023-10-31T10:06:15	1	0	4	4	0	1.0146	1.0145	-0.0001	0.9997	0.9996	0.0001
2023-10-31T10:06:31	1	0	4	4	0	0.9937	0.9935	-0.0002	0.961	0.9619	-0.0009
2023-10-31T10:06:58	1	0	4	4	0	1.0169	1.0165	-0.0005	-0.9935	-0.9935	0.0000
2023-10-31T10:07:24	1	0	16	15	1	1.0357	1.0353	-0.0004	0.9963	0.9963	0.0000
2023-10-31T10:07:29	3	0	215	212	3	0.9099	0.9108	0.0010	0.9518	0.9524	-0.0006
2023-10-31T10:08:44	5	0	26	23	3	1.0363	1.0347	-0.0016	1	1	0.0000
2023-10-31T10:08:55	3	0	68	63	5	0.9328	0.9339	0.0011	0.9939	0.9942	-0.0003
2023-10-31T10:09:14	1	0	1	1	0	0.8943	0.8947	0.0004	0.991	0.9911	-0.0001
2023-10-31T10:09:57	2	0	184	172	12	1.0616	1.0600	-0.0016	0.9892	0.9884	0.0008
2023-10-31T10:10:26	1	0	3	3	0	1.0190	1.0189	-0.0001	-0.9988	-0.9988	0.0000
2023-10-31T10:10:49	1	0	32	30	2	1.0545	1.0544	-0.0001	0.9994	0.9994	0.0000
2023-10-31T10:11:12	1	0	2	1	1	1.0611	1.0554	-0.0057	1	0.9998	0.0002
2023-10-31T10:11:16	2	0	1	1	0	1.0220	1.0202	-0.0018	-0.9891	-0.9892	0.0001
2023-10-31T10:11:20	1	0	13	13	0	0.9568	0.9572	0.0004	0.989	0.989	0.0000
2023-10-31T10:11:22	1	0	8	8	0	1.0183	1.0182	-0.0001	0.9955	0.9955	0.0000
2023-10-31T10:12:48	2	0	2	2	0	0.9975	0.9977	0.0002	-0.9779	-0.9777	-0.0002
2023-10-31T10:13:53	1	0	5	5	0	1.0271	1.0268	-0.0002	0.9966	0.9965	0.0001
2023-10-31T10:14:34	2	0	3	3	0	1.0387	1.0384	-0.0003	-0.9907	-0.9911	0.0004
2023-10-31T10:14:46	1	0	140	133	7	1.0594	1.0588	-0.0006	-0.9167	-0.9175	0.0008
2023-10-31T10:14:51	1	0	27	27	0	1.0466	1.0466	0.0000	-0.9943	-0.9944	0.0001
2023-10-31T10:16:08	3	0	13	13	0	1.0473	1.0471	-0.0002	-0.9997	-0.9997	0.0000
2023-10-31T10:16:13	2	0	46	46	0	0.9234	0.9234	0.0000	0.9918	0.9917	0.0001
2023-10-31T10:16:18	1	0	1	1	0	1.0278	1.0273	-0.0005	0.9918	0.991	0.0008
2023-10-31T10:17:50	5	0	109	103	6	1.0561	1.0559	-0.0001	0.9996	0.9996	0.0000
2023-10-31T10:18:23	1	0	21	20	1	0.9809	0.9819	0.0011	0.9684	0.9684	0.0000
2023-10-31T10:20:52	1	0	60	59	1	1.0573	1.0573	0.0000	0.9723	0.9719	0.0004
2023-10-31T10:21:00	7	0	12	10	2	1.0441	1.0461	0.0020	-0.9997	-0.9998	0.0001
2023-10-31T10:21:16	5	0	5	5	0	1.0116	1.0111	-0.0005	0.9992	0.9987	0.0005
2023-10-31T10:21:17	1	0	2	2	0	1.0346	1.0344	-0.0003	-0.9989	-0.9988	-0.0001
2023-10-31T10:23:14	1	0	11	11	0	1.0489	1.0488	-0.0001	0.9892	0.9891	0.0001
2023-10-31T10:34:13	4	0	3	2	1	0.9828	0.9995	0.0168	0.959	0.9589	0.0001
2023-10-31T10:34:51	4	0	24	23	1	1.0504	1.0503	-0.0001	0.9992	0.9991	0.0001
2023-10-31T10:35:53	1	0	52	51	1	1.0567	1.0566	0.0000	0.9706	0.9704	0.0002
2023-10-31T10:36:01	3	0	15	14	1	1.0523	1.0522	-0.0001	-0.9994	-0.9994	0.0000
2023-10-31T10:36:18	1	0	4	4	0	0.9982	0.9980	-0.0001	-0.998	-0.9979	-0.0001
2023-10-31T10:36:33	1	0	2	2	0	1.0558	1.0555	-0.0003	0.9916	0.9913	0.0003
2023-10-31T10:41:37	2	0	3	2	1	1.0553	1.0468	-0.0086	0.9998	0.9988	0.0010
2023-10-31T10:41:42	1	0	1	1	0	1.0067	1.0064	-0.0003	0.9705	0.9705	0.0000
2023-10-31T10:43:51	1	0	277	274	3	1.0594	1.0594	-0.0001	0.9462	0.9459	0.0003
2023-10-31T10:44:07	1	0	1	1	0	1.0215	1.0206	-0.0009	0.9849	0.9848	0.0001
2023-10-31T10:45:04	1	0	3	3	0	1.0313	1.0313	0.0000	-0.9996	-0.9996	0.0000
2023-10-31T10:45:19	1	0	13	12	1	1.0536	1.0534	-0.0002	0.9722	0.9722	0.0000
2023-10-31T10:46:10	1	0	6	6	0	1.0488	1.0487	-0.0001	-0.9997	-0.9997	0.0000
2023-10-31T10:47:47	1	0	18	18	0	1.0323	1.0322	-0.0001	0.9957	0.9957	0.0000
2023-10-31T10:47:56	1	0	74	70	4	1.0529	1.0527	-0.0002	0.9789	0.9789	0.0000

2023-10-31T10:48:57	1	0	1	1	0	1.0556	1.0550	-0.0006	0.9465	0.9463	0.0002
2023-10-31T10:50:18	8	0	10	9	1	1.0487	1.0474	-0.0013	0.9836	0.9824	0.0012
2023-10-31T10:50:54	1	0	75	75	0	1.0590	1.0590	0.0000	0.9707	0.9704	0.0003
2023-10-31T10:51:18	1	0	6	6	0	1.0137	1.0136	-0.0002	0.9997	0.9996	0.0001
2023-10-31T10:52:23	1	0	1	0	1	0.9449	null	null	1	1	0.0000
2023-10-31T10:54:27	1	0	85	81	4	1.0548	1.0547	-0.0001	-0.9934	-0.9934	0.0000
2023-10-31T10:55:29	1	0	8	8	0	1.0230	1.0230	0.0000	-0.9987	-0.9987	0.0000
2023-10-31T10:56:19	1	0	1	0	1	1.0256	null	null	-0.9919	-0.9912	-0.0007
2023-10-31T10:58:56	1	0	6	6	0	1.0088	1.0087	-0.0001	-0.9953	-0.9953	0.0000
2023-10-31T10:58:56	1	0	239	226	13	1.0586	1.0585	-0.0001	0.9442	0.9434	0.0008
2023-10-31T10:59:54	1	0	43	42	1	1.0486	1.0484	-0.0002	-0.9948	-0.9948	0.0000
2023-10-31T11:00:02	1	0	147	147	0	1.0572	1.0571	0.0000	0.9964	0.9964	0.0000
2023-10-31T11:01:42	1	0	2	2	0	1.0292	1.0287	-0.0005	0.9969	0.9949	0.0020
2023-10-31T11:01:49	1	0	24	24	0	1.0544	1.0542	-0.0002	0.9542	0.9531	0.0011
2023-10-31T11:03:03	2	0	141	135	6	1.0578	1.0577	-0.0002	0.9961	0.996	0.0001
2023-10-31T11:03:26	4	0	23	12	11	1.0454	1.0241	-0.0212	0.9724	0.9685	0.0039
2023-10-31T11:05:54	2	0	3	3	0	1.0427	1.0422	-0.0005	1	0.9999	0.0001
2023-10-31T11:05:55	1	0	79	77	2	1.0591	1.0591	0.0000	0.9693	0.9691	0.0002
2023-10-31T11:06:03	6	0	29	28	1	1.0519	1.0515	-0.0004	-0.9998	-0.9998	0.0000
2023-10-31T11:06:35	1	0	4	4	0	0.9996	0.9994	-0.0002	0.9606	0.9613	-0.0007
2023-10-31T11:06:38	2	0	6	6	0	1.0394	1.0393	-0.0002	0.9888	0.9886	0.0002
2023-10-31T11:08:16	3	0	2	0	2	1.0333	null	null	0.9968	0.9965	0.0003
2023-10-31T11:08:17	3	0	18	16	2	1.0514	1.0511	-0.0002	0.9901	0.9899	0.0002
2023-10-31T11:09:18	3	0	2	2	0	0.9796	0.9788	-0.0008	0.9915	0.9913	0.0002
2023-10-31T11:10:01	1	0	200	200	0	1.0626	1.0626	0.0000	0.9837	0.9827	0.0010
2023-10-31T11:12:17	1	0	3	3	0	1.0355	1.0352	-0.0003	0.9821	0.982	0.0001
2023-10-31T11:15:03	2	0	137	138	-1	1.0569	1.0563	-0.0006	0.9972	0.9958	0.0014
2023-10-31T11:16:59	2	0	6	6	0	1.0487	1.0481	-0.0006	0.9929	0.9927	0.0002
2023-10-31T11:17:25	1	0	2	2	0	1.0473	1.0468	-0.0005	0.9998	0.9998	0.0000
2023-10-31T11:18:27	1	0	9	9	0	1.0287	1.0293	0.0005	0.968	0.9684	-0.0004
2023-10-31T11:19:13	1	0	32	31	1	1.0533	1.0533	-0.0001	0.993	0.9929	0.0001
2023-10-31T11:19:20	1	0	5	5	0	1.0644	1.0642	-0.0001	0.9778	0.9777	0.0001
2023-10-31T11:19:54	2	0	4	4	0	1.0456	1.0453	-0.0003	0.998	0.998	0.0000
2023-10-31T11:19:55	1	0	51	50	1	1.0485	1.0483	-0.0002	0.9951	0.995	0.0001
2023-10-31T11:21:04	4	0	33	32	1	1.0542	1.0540	-0.0002	-0.9998	-0.9998	0.0000
2023-10-31T11:22:03	1	0	4	4	0	1.0140	1.0141	0.0001	-0.9974	-0.9974	0.0000
2023-10-31T11:23:17	3	0	2	2	0	1.0285	1.0284	-0.0001	0.9915	0.9914	0.0001
2023-10-31T11:25:20	2	0	6	4	2	1.0579	1.0554	-0.0026	-0.9937	-0.9941	0.0004
2023-10-31T11:27:28	1	0	26	25	1	1.0564	1.0563	-0.0001	0.9408	0.9405	0.0003
2023-10-31T11:28:10	1	0	84	84	0	1.1218	1.1201	-0.0017	-0.9936	-0.9937	0.0001
2023-10-31T11:29:39	3	0	5	6	-1	1.0490	1.0501	0.0010	-0.995	-0.9949	-0.0001
2023-10-31T11:31:18	2	0	47	47	0	0.9253	0.9254	0.0000	0.9935	0.9936	-0.0001
2023-10-31T11:33:52	2	0	1	1	0	0.9428	0.9436	0.0008	0.9636	0.9638	-0.0002
2023-10-31T11:34:17	6	0	5	5	0	0.9416	0.9422	0.0006	0.9436	0.9442	-0.0006
2023-10-31T11:35:45	2	0	20	18	2	1.0537	1.0534	-0.0003	0.9927	0.9926	0.0001
2023-10-31T11:36:14	1	0	9	9	0	0.9550	0.9551	0.0001	0.9473	0.9474	-0.0001
2023-10-31T11:36:21	7	0	4	5	-1	1.0176	1.0156	-0.0020	0.9985	0.9985	0.0000
2023-10-31T11:39:58	1	0	7	7	0	1.0196	1.0196	0.0000	0.995	0.995	0.0000
2023-10-31T11:40:34	2	0	6	4	2	1.0569	1.0556	-0.0014	-0.9936	-0.9937	0.0001
2023-10-31T11:42:18	1	0	5	5	0	1.0575	1.0574	-0.0001	0.9961	0.996	0.0001
2023-10-31T11:42:29	1	0	28	27	1	1.0590	1.0590	0.0000	0.9364	0.9362	0.0002
2023-10-31T11:42:32	4	0	2	1	1	1.0727	1.0647	-0.0080	0.9996	0.9978	0.0018
2023-10-31T11:44:21	11	0	21	17	4	1.0456	1.0419	-0.0038	-0.993	-0.9935	0.0005
2023-10-31T11:46:19	2	0	45	45	0	0.9261	0.9261	0.0000	0.9916	0.9917	-0.0001
2023-10-31T11:47:46	2	0	7	7	0	1.0461	1.0461	0.0000	0.9973	0.9972	0.0001
2023-10-31T11:48:29	6	0	35	35	0	0.9684	0.9686	0.0002	0.9585	0.9567	0.0018
2023-10-31T11:49:18	6	0	1	1	0	0.9382	0.9387	0.0005	0.9356	0.9357	-0.0001
2023-10-31T11:49:44	2	0	20	19	1	1.0444	1.0438	-0.0006	0.9649	0.9649	0.0000
2023-10-31T11:50:41	4	0	17	14	3	1.0410	1.0402	-0.0008	0.985	0.985	0.0000
2023-10-31T11:51:15	1	0	2	2	0	0.9986	0.9986	0.0000	0.9799	0.9799	0.0000
2023-10-31T11:54:59	1	0	7	7	0	1.0193	1.0193	0.0000	0.9952	0.9952	0.0000
2023-10-31T11:55:48	1	0	6	5	1	1.0582	1.0571	-0.0011	-0.9945	-0.9945	0.0000
2023-10-31T11:57:19	1	0	6	7	-1	1.0584	1.0565	-0.0019	0.9972	0.9973	-0.0001
2023-10-31T11:57:46	4	0	2	1	1	1.0741	1.0649	-0.0092	0.9993	0.9992	0.0001
2023-10-31T11:58:12	2	0	38	8	30	1.0507	1.0285	-0.0222	-0.9887	-0.9886	-0.0001
2023-10-31T12:01:20	2	0	48	48	0	0.9477	0.9477	0.0000	0.9939	0.9939	0.0000
2023-10-31T12:02:58	2	0	10	10	0	1.0290	1.0288	-0.0003	0.9763	0.9762	0.0001
2023-10-31T12:03:30	5	0	56	56	0	0.9532	0.9533	0.0001	0.9502	0.9482	0.0020
2023-10-31T12:03:42	3	0	11	10	1	1.0517	1.0506	-0.0011	0.9663	0.9662	0.0001
2023-10-31T12:04:19	5	0	2	3	-1	0.9946	1.0149	0.0203	0.9349	0.9348	0.0001
2023-10-31T12:05:28	2	0	90	90	0	1.0589	1.0585	-0.0004	-0.9886	-0.9892	0.0006
2023-10-31T12:05:44	3	0	19	17	2	1.0417	1.0409	-0.0009	0.9877	0.9876	0.0001
2023-10-31T12:05:54	1	0	18	17	1	1.0425	1.0417	-0.0009	0.9956	0.9956	0.0000
2023-10-31T12:06:23	7	0	7	8	-1	1.0167	1.0162	-0.0005	-0.9999	-0.9998	-0.0001
2023-10-31T12:09:36	1	0	16	16	0	1.0417	1.0417	0.0000	0.9951	0.9951	0.0000
2023-10-31T12:10:00	1	0	7	7	0	1.0179	1.0179	0.0000	0.9953	0.9953	0.0000
2023-10-31T12:10:57	2	0	6	5	1	1.0576	1.0568	-0.0008	-0.9926	-0.9926	0.0000
2023-10-31T12:13:01	4	0	7	6	1	1.0539	1.0509	-0.0030	0.9989	0.9993	-0.0004
2023-10-31T12:14:23	4	0	19	15	4	1.0514	1.0488	-0.0026	-0.9922	-0.992	-0.0002
2023-10-31T12:14:42	3	0	7	8	-1	1.0504	1.0512	0.0008	-0.9903	-0.9899	-0.0004
2023-10-31T12:15:56	2	0	65	63	2	1.0498	1.0496	-0.0002	0.9908	0.9908	0.0000
2023-10-31T12:18:47	2	0	3	3	0	1.0156	1.0153	-0.0003	0.9931	0.993	0.0001
2023-10-31T12:19:58	1	0	39	42	-3	1.0547	1.0548	0.0000	0.9987	0.9988	-0.0001
2023-10-31T12:19:59	1	0	33	32	1	1.0495	1.0493	-0.0002	0.984	0.984	0.0000
2023-10-31T12:25:58	1	0	53	52	1	1.0507	1.0507	0.0000	0.9929	0.9929	0.0000

2023-10-31T12:27:24	1	0	3	3	0	1.0740	1.0733	-0.0007	-1	-1	0.0000
2023-10-31T12:36:18	4	0	9	9	0	0.9500	0.9498	-0.0002	0.9635	0.9633	0.0002
2023-10-31T12:48:33	5	0	5	6	-1	1.0380	1.0225	-0.0155	0.9672	0.9673	-0.0001
2023-10-31T12:55:03	1	0	7	7	0	1.0181	1.0181	0.0000	0.9957	0.9957	0.0000
2023-10-31T12:58:16	1	0	1	1	0	0.9090	0.9090	0.0000	-0.9982	-0.9981	-0.0001
2023-10-31T12:59:26	5	0	13	17	-4	1.0427	1.0455	0.0027	-0.9861	-0.9861	0.0000
2023-10-31T13:04:27	1	0	4	5	-1	1.0748	1.0647	-0.0101	0.9804	0.9806	-0.0002
2023-10-31T13:05:02	4	0	14	14	0	1.0532	1.0532	0.0000	0.9821	0.9821	0.0000
2023-10-31T13:06:27	3	0	7	7	0	1.0181	1.0180	-0.0001	-0.9987	-0.9988	0.0001
2023-10-31T13:11:34	1	0	7	6	1	1.0586	1.0580	-0.0006	-0.9925	-0.9925	0.0000
2023-10-31T13:18:50	1	0	13	12	1	1.0534	1.0532	-0.0002	0.967	0.9669	0.0001
2023-10-31T13:19:21	1	0	29	29	0	1.0560	1.0560	0.0000	-0.9999	-0.9998	-0.0001
2023-10-31T13:20:02	1	0	124	119	5	1.0587	1.0587	-0.0001	0.9986	0.9986	0.0000
2023-10-31T13:26:44	1	0	7	7	0	1.0582	1.0569	-0.0013	-0.9909	-0.991	0.0001
2023-10-31T13:27:28	1	0	23	23	0	1.0533	1.0532	-0.0001	0.9998	0.9998	0.0000
2023-10-31T13:34:22	1	0	126	127	-1	1.0592	1.0593	0.0000	-0.9935	-0.9933	-0.0002
2023-10-31T13:35:50	1	0	23	22	1	1.0442	1.0442	0.0000	0.9883	0.9883	0.0000
2023-10-31T13:35:53	2	0	15	15	0	1.0549	1.0549	0.0000	0.9894	0.9896	-0.0002
2023-10-31T13:36:00	1	0	2	2	0	0.9859	0.9858	-0.0002	0.9912	0.9912	0.0000
2023-10-31T13:44:28	1	0	4	2	2	1.0647	1.0581	-0.0065	-1	0.9997	0.0003
2023-10-31T13:47:45	1	0	761	761	0	1.0644	1.0644	0.0000	0.9936	0.9936	0.0000
2023-10-31T13:47:54	2	0	3	3	0	1.0397	1.0397	0.0000	0.9971	0.9972	-0.0001
2023-10-31T13:49:26	1	0	3	3	0	1.0164	1.0163	-0.0001	0.9402	0.9401	0.0001
2023-10-31T13:50:10	4	0	37	36	1	1.0503	1.0501	-0.0001	0.9831	0.9831	0.0000
2023-10-31T13:50:51	1	0	23	22	1	1.0434	1.0433	0.0000	0.9887	0.9887	0.0000
2023-10-31T13:51:23	2	0	27	26	1	0.9390	0.9390	0.0000	0.9395	0.9396	-0.0001
2023-10-31T13:51:31	1	0	4	4	0	1.0186	1.0186	-0.0001	0.9991	0.9989	0.0002
2023-10-31T13:55:07	1	0	10	10	0	0.9942	0.9941	0.0000	0.9953	0.9952	0.0001
2023-10-31T13:56:35	1	0	672	666	6	0.7912	0.8348	0.0436	0.8958	0.9143	-0.0185
2023-10-31T13:59:41	1	0	8	7	1	1.0553	1.0526	-0.0028	1	0.9997	0.0003
2023-10-31T14:00:14	1	0	45	46	-1	1.0555	1.0556	0.0001	0.9964	0.9966	-0.0002
2023-10-31T14:01:30	7	0	68	66	2	1.0674	1.0641	-0.0033	0.9539	0.9153	0.0386
2023-10-31T14:02:25	2	0	2	2	0	1.0619	1.0617	-0.0003	0.9815	0.9806	0.0009
2023-10-31T14:02:29	2	0	2	2	0	1.0560	1.0556	-0.0004	-0.9782	-0.9783	0.0001
2023-10-31T14:03:12	1	0	95	94	1	0.9107	0.9129	0.0022	0.9642	0.9605	0.0037
2023-10-31T14:03:38	1	0	9	9	0	1.0403	1.0402	-0.0001	0.9696	0.9696	0.0000
2023-10-31T14:03:53	1	0	11	11	0	1.0518	1.0517	-0.0001	0.966	0.9659	0.0001
2023-10-31T14:04:33	1	0	3	4	-1	1.0845	1.0707	-0.0138	0.9745	0.9746	-0.0001
2023-10-31T14:04:45	4	0	7	8	-1	0.9761	0.9716	-0.0045	-1	-1	0.0000
2023-10-31T14:05:36	2	0	63	60	3	1.0558	1.0557	-0.0001	-0.988	-0.9882	0.0002
2023-10-31T14:05:52	2	0	15	15	0	1.0447	1.0447	0.0000	0.9841	0.984	0.0001
2023-10-31T14:06:02	1	0	4	4	0	1.0409	1.0409	-0.0001	0.9933	0.9933	0.0000
2023-10-31T14:06:15	2	0	2	2	0	1.0486	1.0482	-0.0004	-0.9984	-0.9984	0.0000
2023-10-31T14:06:20	3	0	9	9	0	1.0340	1.0341	0.0001	0	0	0.0000
2023-10-31T14:06:32	1	0	5	5	0	1.0197	1.0196	-0.0001	1	1	0.0000
2023-10-31T14:06:50	4	0	35	32	3	1.0567	1.0570	0.0003	-0.9949	0.9993	0.0058
2023-10-31T14:07:52	1	0	37	36	1	1.0540	1.0539	-0.0001	0.9567	0.9563	0.0004
2023-10-31T14:08:29	2	0	2	3	-1	1.0666	1.0628	-0.0038	0.9926	0.9928	-0.0002
2023-10-31T14:11:32	2	0	1	1	0	1.0232	1.0197	-0.0035	-0.9954	-0.9956	0.0002
2023-10-31T14:11:36	1	0	43	41	2	0.9385	0.9393	0.0008	0.9505	0.9509	-0.0004
2023-10-31T14:11:46	2	0	7	7	0	1.0519	1.0517	-0.0002	-0.9991	-0.9991	0.0000
2023-10-31T14:11:57	1	0	3	3	0	1.0219	1.0218	-0.0001	0.9822	0.982	0.0002
2023-10-31T14:12:28	1	0	8	8	0	1.0530	1.0529	0.0000	0.9919	0.9919	0.0000
2023-10-31T14:12:32	1	0	2	2	0	1.0730	1.0729	-0.0001	0.9966	0.9966	0.0000
2023-10-31T14:13:21	1	0	84	84	0	1.1277	1.1272	-0.0005	-0.9959	-0.9959	0.0000
2023-10-31T14:14:09	1	0	2	2	0	1.0301	1.0300	-0.0001	0.9971	0.9972	-0.0001
2023-10-31T14:14:13	2	0	273	266	7	1.0585	1.0585	0.0000	0.9499	0.9498	0.0001
2023-10-31T14:14:50	3	0	5	5	0	1.0461	1.0460	-0.0001	-0.9904	-0.9906	0.0002
2023-10-31T14:15:02	4	0	11	9	2	1.0535	1.0516	-0.0019	0.9999	0.9998	0.0001
2023-10-31T14:16:29	2	0	47	47	0	0.9369	0.9369	0.0000	0.993	0.9929	0.0001
2023-10-31T14:16:55	2	0	5	5	0	1.0346	1.0343	-0.0003	0.9965	0.9964	0.0001
2023-10-31T14:17:26	2	0	2	2	0	1.0621	1.0619	-0.0002	0.9818	0.9814	0.0004
2023-10-31T14:17:38	2	0	1	1	0	1.0401	1.0395	-0.0006	0.9992	0.9991	0.0001
2023-10-31T14:17:47	1	0	647	647	0	1.0619	1.0619	0.0000	0.9964	0.9964	0.0000
2023-10-31T14:17:56	2	0	4	4	0	1.0397	1.0397	0.0000	0.9979	0.9978	0.0001
2023-10-31T14:18:01	3	0	31	31	0	1.0401	1.0401	0.0000	0.9953	0.9953	0.0000
2023-10-31T14:18:13	1	0	96	96	0	0.9051	0.9054	0.0003	0.9663	0.9663	0.0000
2023-10-31T14:18:16	6	0	162	158	4	1.0571	1.0570	-0.0001	0.9888	0.9886	0.0002
2023-10-31T14:18:54	1	0	12	10	2	1.0509	1.0509	0.0000	0.9645	0.9641	0.0004
2023-10-31T14:19:25	1	0	131	132	-1	1.0570	1.0570	0.0000	-0.9874	-0.9828	-0.0046
2023-10-31T14:19:28	2	0	4	3	1	1.0277	1.0175	-0.0102	0.9567	0.9564	0.0003
2023-10-31T14:19:46	7	0	69	69	0	0.9255	0.9258	0.0003	-0.9998	-0.9998	0.0000
2023-10-31T14:20:37	2	0	25	26	-1	1.0544	1.0542	-0.0002	-0.9923	-0.9926	0.0003
2023-10-31T14:20:53	2	0	14	14	0	1.0437	1.0436	-0.0001	0.9851	0.985	0.0001
2023-10-31T14:21:03	1	0	24	24	0	1.0484	1.0483	0.0000	-1	-1	0.0000
2023-10-31T14:21:16	2	0	2	2	0	1.0477	1.0475	-0.0002	-0.9972	-0.9972	0.0000
2023-10-31T14:21:25	4	0	4	4	0	0.9533	0.9525	-0.0009	0.971	0.9704	0.0006
2023-10-31T14:21:33	7	0	6	6	0	1.0165	1.0161	-0.0004	-0.9999	-1	0.0001
2023-10-31T14:21:51	2	0	11	11	0	1.0510	1.0510	0.0000	0.9964	0.9963	0.0001
2023-10-31T14:22:53	2	0	34	33	1	1.0545	1.0548	0.0002	0.9569	0.9563	0.0006
2023-10-31T14:23:31	1	0	2	2	0	1.0645	1.0645	-0.0001	0.9925	0.9925	0.0000
2023-10-31T14:26:34	3	0	1	1	0	1.0367	1.0354	-0.0013	-0.99	-0.9901	0.0001
2023-10-31T14:26:47	1	0	2	2	0	1.0604	1.0602	-0.0002	0.999	0.999	0.0000
2023-10-31T14:26:58	1	0	3	3	0	1.0213	1.0213	0.0000	0.9841	0.984	0.0001
2023-10-31T14:27:29	2	0	14	12	2	1.0515	1.0524	0.0009	0.9934	0.9933	0.0001

2023-10-31T14:27:32	3	0	22	20	2	1.0531	1.0527	-0.0004	0.9987	0.9987	0.0000
2023-10-31T14:28:22	1	0	83	83	0	1.1302	1.1298	-0.0004	-0.9961	-0.9961	0.0000
2023-10-31T14:28:52	3	0	16	15	1	1.0403	1.0401	-0.0002	0.9627	0.9621	0.0006
2023-10-31T14:29:10	1	0	4	4	0	1.0258	1.0257	-0.0001	0.9962	0.9962	0.0000
2023-10-31T14:29:18	2	0	522	519	3	1.0612	1.0611	-0.0001	0.9622	0.9619	0.0003
2023-10-31T14:29:22	1	0	2	2	0	1.0208	1.0208	0.0000	0.9861	0.9861	0.0000
2023-10-31T14:29:51	3	0	4	4	0	1.0442	1.0441	-0.0001	-0.9888	-0.9889	0.0001
2023-10-31T14:30:03	2	0	250	249	1	1.0616	1.0616	0.0000	-0.8849	-0.8859	0.0010
2023-10-31T14:30:08	1	0	53	52	1	1.0503	1.0502	-0.0001	-0.9891	-0.9891	0.0000
2023-10-31T14:30:19	4	0	10	9	1	1.0492	1.0439	-0.0053	0.9995	0.9992	0.0003
2023-10-31T14:31:31	2	0	47	47	0	0.9374	0.9374	0.0000	0.9937	0.9937	0.0000
2023-10-31T14:31:56	3	0	5	5	0	1.0362	1.0358	-0.0004	0.9972	0.9971	0.0001
2023-10-31T14:32:48	1	0	283	282	1	1.0581	1.0581	0.0000	0.9795	0.9795	0.0000
2023-10-31T14:32:57	2	0	5	5	0	1.0398	1.0397	-0.0001	0.9978	0.9978	0.0000
2023-10-31T14:33:02	4	0	38	38	0	1.0421	1.0420	-0.0001	0.9955	0.9954	0.0001
2023-10-31T14:33:14	1	0	97	97	0	0.9169	0.9172	0.0002	0.9557	0.9513	0.0044
2023-10-31T14:33:17	8	0	174	168	6	1.0559	1.0561	0.0001	0.9896	0.9894	0.0002
2023-10-31T14:33:40	4	0	13	12	1	1.0265	1.0241	-0.0024	0.9607	0.9607	0.0000
2023-10-31T14:33:55	3	0	11	11	0	1.0511	1.0510	-0.0001	0.9649	0.964	0.0009
2023-10-31T14:34:26	1	0	139	139	0	1.0575	1.0575	0.0000	-0.9853	-0.9896	0.0043
2023-10-31T14:34:29	2	0	3	3	0	1.0166	1.0164	-0.0002	0.9408	0.9407	0.0001
2023-10-31T14:34:35	1	0	4	4	0	1.0603	1.0602	-0.0001	0.9703	0.9701	0.0002
2023-10-31T14:34:37	1	0	22	22	0	1.0423	1.0423	0.0000	0.988	0.9879	0.0001
2023-10-31T14:35:07	6	0	133	124	9	1.0567	1.0571	0.0004	0.9993	0.9993	0.0000
2023-10-31T14:35:38	2	0	51	41	10	1.0548	1.0545	-0.0003	-0.9913	-0.9916	0.0003
2023-10-31T14:35:54	2	0	16	16	0	1.0442	1.0441	0.0000	0.9862	0.9862	0.0000
2023-10-31T14:36:09	1	0	94	93	1	1.0597	1.0597	0.0000	0.9687	0.9687	0.0000
2023-10-31T14:36:17	2	0	5	5	0	1.0458	1.0457	-0.0001	-0.996	-0.996	0.0000
2023-10-31T14:36:22	3	0	8	8	0	1.0325	1.0324	-0.0001	0.9819	0.9815	0.0004
2023-10-31T14:36:22	4	0	11	10	1	1.0325	1.0330	0.0005	0.9674	0.967	0.0004
2023-10-31T14:36:35	7	0	7	7	0	1.0176	1.0175	-0.0001	-0.9988	-0.9992	0.0004
2023-10-31T14:37:54	2	0	33	33	0	1.0540	1.0540	0.0000	0.953	0.9527	0.0003
2023-10-31T14:38:05	2	0	18	19	-1	1.0499	1.0501	0.0003	1	1	0.0000
2023-10-31T14:38:32	1	0	10	10	0	1.0521	1.0520	-0.0001	0.9971	0.9971	0.0000
2023-10-31T14:41:12	1	0	25	25	0	1.0459	1.0459	0.0000	0.9882	0.9881	0.0001
2023-10-31T14:41:38	2	0	96	81	15	0.9211	0.9249	0.0038	0.9565	0.9528	0.0037
2023-10-31T14:41:59	1	0	3	3	0	1.0244	1.0244	0.0000	0.9834	0.9834	0.0000
2023-10-31T14:42:33	1	0	2	2	0	1.0747	1.0746	-0.0002	1	0.9999	0.0001
2023-10-31T14:43:23	1	0	85	84	1	1.1194	1.1213	0.0020	-0.9941	-0.994	-0.0001
2023-10-31T14:43:53	3	0	10	10	0	1.0383	1.0383	0.0000	0.9645	0.9644	0.0001
2023-10-31T14:44:11	1	0	6	6	0	1.0298	1.0298	0.0000	0.9968	0.9968	0.0000
2023-10-31T14:44:23	2	0	534	532	2	1.0616	1.0615	-0.0001	0.9568	0.9565	0.0003
2023-10-31T14:44:52	3	0	7	7	0	1.0504	1.0504	0.0000	-0.9916	-0.9917	0.0001
2023-10-31T14:45:04	1	0	178	177	1	1.0600	1.0600	0.0000	-0.8725	-0.8721	-0.0004
2023-10-31T14:45:09	1	0	30	30	0	1.0466	1.0465	0.0000	-0.99	-0.9901	0.0001
2023-10-31T14:45:32	6	0	7	6	1	1.0454	1.0394	-0.0060	0.9995	0.9991	0.0004
2023-10-31T14:46:35	1	0	1	1	0	1.0384	1.0372	-0.0012	0.9434	0.9428	0.0006
2023-10-31T14:47:06	1	0	1	1	0	1.0311	1.0307	-0.0004	0.9969	0.9969	0.0000
2023-10-31T14:47:40	2	0	2	2	0	1.0362	1.0360	-0.0002	0.9989	0.9989	0.0000
2023-10-31T14:47:58	2	0	1	1	0	1.0363	1.0363	0.0000	0.9983	0.9987	-0.0004
2023-10-31T14:48:03	1	0	20	20	0	1.0339	1.0339	0.0000	0.9961	0.996	0.0001
2023-10-31T14:49:48	7	0	6	6	0	0.9836	0.9832	-0.0003	-0.9998	-0.9998	0.0000
2023-10-31T14:50:11	1	0	5	5	0	1.0364	1.0362	-0.0002	0.9862	0.986	0.0002
2023-10-31T14:50:55	1	0	25	24	1	1.0443	1.0443	0.0000	0.9887	0.9887	0.0000
2023-10-31T14:51:53	3	0	5	5	0	1.0410	1.0410	-0.0001	0.9976	0.9975	0.0001
2023-10-31T14:55:11	1	0	9	9	0	1.0205	1.0205	0.0000	0.9963	0.9963	0.0000
2023-10-31T14:56:08	1	0	90	88	2	1.0560	1.0560	0.0000	0.9999	0.9999	0.0000
2023-10-31T14:56:36	3	0	1	1	0	1.0389	1.0386	-0.0003	-0.9894	-0.9894	0.0000
2023-10-31T14:56:49	2	0	1	1	0	1.0555	1.0553	-0.0002	0.9995	0.9995	0.0000
2023-10-31T14:59:36	2	0	12	12	0	1.0518	1.0518	-0.0001	-0.985	-0.985	0.0000
2023-10-31T15:01:36	1	0	4	2	2	1.0461	1.0455	-0.0006	0.9841	0.9846	-0.0005
2023-10-31T15:02:05	1	0	46	45	1	1.0589	1.0589	0.0000	0.956	0.9559	0.0001
2023-10-31T15:03:42	1	0	8	8	0	1.0284	1.0285	0.0001	0.9607	0.9607	0.0000
2023-10-31T15:08:24	2	0	12	11	1	1.0500	1.0502	0.0001	0.9982	0.9981	0.0001
2023-10-31T15:13:08	2	0	1	1	0	0.9998	1.0004	0.0006	-0.98	-0.9839	0.0039
2023-10-31T15:18:17	1	0	1	0	1	1.0583	null	null	0.9658	0.9618	0.0040
2023-10-31T15:18:34	1	0	69	69	0	1.0531	1.0530	0.0000	-0.9978	-0.9978	0.0000
2023-10-31T15:18:58	1	0	8	8	0	1.0483	1.0483	-0.0001	0.9599	0.9596	0.0003
2023-10-31T15:26:10	1	0	26	25	1	1.0536	1.0539	0.0003	0.9997	0.9997	0.0000
2023-10-31T15:26:38	1	0	1	2	-1	1.0321	1.0310	-0.0011	-0.9807	-0.9805	-0.0002
2023-10-31T15:29:38	1	0	7	7	0	1.0399	1.0396	-0.0003	-0.988	-0.9881	0.0001
2023-10-31T15:31:38	1	0	4	4	0	1.0228	1.0224	-0.0004	0.9756	0.9474	0.0282
2023-10-31T15:34:00	1	0	2	2	0	0.9947	0.9947	-0.0001	0.9973	0.9972	0.0001
2023-10-31T15:34:36	1	0	10	10	0	0.9415	0.9419	0.0003	0.9408	0.9409	-0.0001
2023-10-31T15:36:30	4	0	4	4	0	0.9985	0.9982	-0.0003	0.9805	0.9804	0.0001
2023-10-31T15:47:08	1	0	74	74	0	1.0589	1.0589	0.0000	0.958	0.9577	0.0003
2023-10-31T15:49:37	1	0	3	5	-2	0.9393	0.9635	0.0242	0.9582	0.9586	-0.0004
2023-10-31T16:04:38	1	0	5	7	-2	1.0039	1.0028	-0.0011	0.9733	0.9735	-0.0002
2023-10-31T16:11:41	1	0	4	4	0	1.0266	1.0263	-0.0003	-0.9817	-0.9816	-0.0001
2023-10-31T16:15:23	1	0	62	61	1	1.0534	1.0533	0.0000	0.9971	0.9971	0.0000
2023-10-31T16:18:54	1	0	4	4	0	1.0430	1.0425	-0.0005	0.9051	0.9046	0.0005
2023-10-31T16:19:03	2	0	2	2	0	0.9887	0.9882	-0.0006	0.9982	0.9982	0.0000
2023-10-31T16:19:39	1	0	5	5	0	1.0242	1.0242	0.0000	0.977	0.9771	-0.0001
2023-10-31T16:30:24	1	0	67	67	0	1.0534	1.0534	0.0000	0.9975	0.9975	0.0000
2023-10-31T16:32:47	1	0	5	5	0	1.0366	1.0366	0.0000	0.9984	0.9984	0.0000

2023-10-31T16:45:25	1	0	15	15	0	1.0502	1.0501	-0.0001	0.9975	0.9974	0.0001
2023-10-31T17:04:42	1	0	74	72	2	0.9408	0.9409	0.0001	0.9644	0.9642	0.0002
2023-10-31T17:36:26	1	0	10	9	1	0.9427	0.9427	0.0001	0.9955	0.9956	-0.0001
2023-10-31T18:36:34	3	0	21	21	0	1.0478	1.0478	0.0000	-0.9998	-0.9998	0.0000
2023-11-01T07:50:56	1	0	22	22	0	0.9422	0.9422	0.0001	-0.9303	-0.9286	-0.0017
2023-11-01T07:52:31	2	0	160	160	0	0.8884	0.8886	0.0002	0.9638	0.9638	0.0000
2023-11-01T07:55:14	1	0	138	138	0	0.9282	0.9282	0.0001	-0.9868	-0.9868	0.0000
2023-11-01T07:56:12	1	0	72	72	0	0.9384	0.9385	0.0000	-0.9932	-0.9929	-0.0003
2023-11-01T08:14:47	1	0	91	91	0	1.0562	1.0561	-0.0001	-0.9376	-0.937	-0.0006
2023-11-01T08:20:53	1	0	81	80	1	1.0571	1.0571	0.0000	0.9597	0.9596	0.0001
2023-11-01T08:27:20	1	0	79	78	1	0.9529	0.9531	0.0001	0.9758	0.9756	0.0002
2023-11-01T08:29:15	2	0	5	5	0	1.0430	1.0428	-0.0001	-0.9842	-0.9842	0.0000
2023-11-01T08:30:07	1	0	15	15	0	1.0498	1.0498	-0.0001	0.9981	0.9987	-0.0006
2023-11-01T08:37:22	1	0	1	1	0	0.9372	0.9375	0.0003	0.9998	0.9999	-0.0001
2023-11-01T08:48:24	1	0	46	46	0	0.9471	0.9472	0.0001	0.9734	0.9736	-0.0002
2023-11-01T08:49:30	1	0	49	48	1	0.9458	0.9459	0.0000	-0.9991	-0.9991	0.0000
2023-11-01T09:05:26	2	0	14	13	1	0.9422	0.9423	0.0000	0.8548	0.8551	-0.0003
2023-11-01T09:11:17	1	0	6	6	0	0.9593	0.9591	-0.0002	-0.9842	-0.984	-0.0002
2023-11-01T09:17:48	6	0	285	252	33	1.0580	1.0578	-0.0002	0.9996	0.9996	0.0000
2023-11-01T09:20:57	1	0	77	76	1	1.0567	1.0565	-0.0002	0.9584	0.9593	-0.0009
2023-11-01T09:25:01	2	0	3	3	0	1.0480	1.0476	-0.0004	0.9913	0.9911	0.0002
2023-11-01T09:27:24	1	0	4	4	0	1.0007	1.0006	-0.0002	0.9801	0.9801	0.0000
2023-11-01T09:28:53	1	0	4	4	0	1.0241	1.0239	-0.0002	0.9951	0.9951	0.0000
2023-11-01T09:29:37	2	0	2	2	0	1.0324	1.0322	-0.0002	-0.9475	-0.9478	0.0003
2023-11-01T09:30:11	2	0	21	19	2	1.0533	1.0527	-0.0006	0.9976	0.9976	0.0000
2023-11-01T09:31:02	1	0	2	2	0	0.9406	0.9412	0.0006	0.9965	0.9966	-0.0001
2023-11-01T09:33:00	1	0	76	75	1	1.0535	1.0535	0.0000	0.9974	0.9975	-0.0001
2023-11-01T09:33:00	1	0	1	1	0	1.0139	1.0136	-0.0003	0.985	0.9849	0.0001
2023-11-01T09:33:27	1	0	95	40	55	0.9487	0.9629	0.0142	0.9686	0.9699	-0.0013
2023-11-01T09:33:31	1	0	1	1	0	1.0279	1.0275	-0.0004	0.9142	0.914	0.0002
2023-11-01T09:35:28	2	0	57	56	1	1.0550	1.0542	-0.0008	-0.9924	-0.9932	0.0008
2023-11-01T09:35:54	1	0	6	6	0	0.9709	0.9708	-0.0001	0.988	0.9879	0.0001
2023-11-01T09:36:03	3	0	17	15	2	1.0457	1.0442	-0.0014	0.999	0.999	0.0000
2023-11-01T09:37:05	1	0	2	2	0	1.0207	1.0204	-0.0003	-0.9982	-0.9982	0.0000
2023-11-01T09:41:28	1	0	10	10	0	1.0106	1.0106	-0.0001	0.9997	0.9997	0.0000
2023-11-01T09:44:37	5	0	300	216	84	0.9212	0.9270	0.0058	0.9754	0.9651	0.0103
2023-11-01T09:45:12	1	0	14	15	-1	1.0483	1.0480	-0.0002	0.9976	0.9975	0.0001
2023-11-01T09:46:03	1	0	1	1	0	0.9378	0.9378	0.0000	0.9967	0.9967	0.0000
2023-11-01T09:46:20	4	0	3	3	0	0.9262	0.9265	0.0003	0.9861	0.9863	-0.0002
2023-11-01T09:46:21	7	0	8	8	0	1.0424	1.0421	-0.0002	0.9802	0.9931	-0.0129
2023-11-01T09:46:23	1	0	1	1	0	1.0274	1.0271	-0.0003	0.9919	0.9914	0.0005
2023-11-01T09:46:26	1	0	4	4	0	1.0221	1.0220	-0.0002	0.9873	0.9872	0.0001
2023-11-01T09:47:13	1	0	6	6	0	1.0325	1.0323	-0.0002	0.9876	0.9873	0.0003
2023-11-01T09:47:20	1	0	89	88	1	1.0545	1.0545	0.0000	0.9931	0.9932	-0.0001
2023-11-01T09:48:01	1	0	159	154	5	1.0545	1.0544	0.0000	0.9975	0.9975	0.0000
2023-11-01T09:49:20	1	0	3	3	0	1.0453	1.0446	-0.0008	-0.9895	-0.9897	0.0002
2023-11-01T09:50:42	2	0	4	4	0	1.0168	1.0168	-0.0001	0.9761	0.976	0.0001
2023-11-01T09:56:51	1	0	272	271	1	1.0791	1.0791	0.0000	-0.9961	-0.9961	0.0000
2023-11-01T09:59:21	9	0	6	6	0	1.0350	1.0344	-0.0007	-0.9945	-0.9949	0.0004
2023-11-01T09:59:41	1	0	1	1	0	1.0607	1.0603	-0.0004	-0.9496	-0.9487	-0.0009
2023-11-01T10:00:16	1	0	2	2	0	1.0388	1.0385	-0.0003	0.9796	0.9795	0.0001
2023-11-01T10:01:30	3	0	3	3	0	0.9300	0.9301	0.0001	0.9866	0.9866	0.0000
2023-11-01T10:02:14	3	0	10	10	0	1.0311	1.0309	-0.0001	0.9874	0.9871	0.0003
2023-11-01T10:02:21	1	0	141	141	0	1.0554	1.0553	-0.0001	0.9931	0.9931	0.0000
2023-11-01T10:02:24	4	0	4	4	0	1.0480	1.0472	-0.0008	-0.9709	-0.9712	0.0003
2023-11-01T10:03:06	6	0	95	90	5	1.0530	1.0529	-0.0001	0.9801	0.9801	0.0000
2023-11-01T10:03:15	7	0	209	180	29	1.0562	1.0555	-0.0007	0.9976	0.9975	0.0001
2023-11-01T10:03:29	2	0	22	22	0	0.9863	0.9864	0.0002	0.9735	0.9753	-0.0018
2023-11-01T10:05:30	2	0	54	32	22	1.0544	1.0533	-0.0011	-0.9954	-0.9958	0.0004
2023-11-01T10:05:44	2	0	2	2	0	1.0456	1.0450	-0.0006	-0.828	-0.8286	0.0006
2023-11-01T10:05:51	1	0	4	4	0	1.0204	1.0203	-0.0001	0.9763	0.9762	0.0001
2023-11-01T10:06:00	5	0	57	50	7	1.0564	1.0564	0.0000	0.9561	0.9554	0.0007
2023-11-01T10:06:05	7	0	19	16	3	1.0452	1.0433	-0.0019	0.9993	0.9991	0.0002
2023-11-01T10:06:31	1	0	2	2	0	1.0515	1.0513	-0.0003	0.9997	0.9997	0.0000
2023-11-01T10:07:07	1	0	3	3	0	1.0355	1.0349	-0.0007	-0.9985	-0.9986	0.0001
2023-11-01T10:07:28	1	0	1	0	1	0.9447	null	null	-1	-1	0.0000
2023-11-01T10:07:41	6	0	271	269	2	0.9220	0.9224	0.0004	0.9425	0.9427	-0.0002
2023-11-01T10:08:15	1	0	5	5	0	1.0251	1.0250	-0.0001	0.999	0.999	0.0000
2023-11-01T10:08:47	4	0	13	12	1	1.0287	1.0284	-0.0003	0.9968	0.9968	0.0000
2023-11-01T10:09:06	2	0	43	35	8	0.9371	0.9380	0.0009	0.9953	0.9954	-0.0001
2023-11-01T10:10:04	2	0	7	7	0	1.0489	1.0485	-0.0004	0.989	0.9883	0.0007
2023-11-01T10:10:22	1	0	3	3	0	1.0308	1.0304	-0.0004	0.9989	0.9989	0.0000
2023-11-01T10:10:22	1	0	4	3	1	1.0582	1.0562	-0.0020	-0.997	-0.9971	0.0001
2023-11-01T10:10:35	1	0	8	8	0	1.0215	1.0214	-0.0001	-0.9997	-0.9997	0.0000
2023-11-01T10:10:50	1	0	14	14	0	0.9363	0.9367	0.0004	0.9657	0.9659	-0.0002
2023-11-01T10:10:55	1	0	26	24	2	1.0543	1.0542	-0.0001	0.9994	0.9994	0.0000
2023-11-01T10:11:49	1	0	3	3	0	1.0145	1.0144	-0.0001	0.9817	0.9816	0.0001
2023-11-01T10:12:19	1	0	177	150	27	1.0605	1.0600	-0.0006	-0.9882	-0.9977	0.0095
2023-11-01T10:12:27	1	0	3	3	0	0.9905	0.9903	-0.0002	0.9782	0.9781	0.0001
2023-11-01T10:13:56	1	0	3	3	0	1.0255	1.0251	-0.0005	0.9948	0.9948	0.0000
2023-11-01T10:14:55	2	0	127	122	5	1.0596	1.0588	-0.0008	-0.9334	-0.9337	0.0003
2023-11-01T10:14:57	1	0	32	32	0	1.0483	1.0483	0.0000	-0.9954	-0.9955	0.0001
2023-11-01T10:15:19	2	0	15	12	3	1.0489	1.0487	-0.0001	0.998	0.9981	-0.0001
2023-11-01T10:15:56	7	0	67	63	4	0.9328	0.9334	0.0006	0.9462	0.947	-0.0008
2023-11-01T10:16:20	2	0	46	46	0	0.9228	0.9227	0.0000	0.993	0.993	0.0000

2023-11-01T10:16:49	2	0	1	1	0	1.0589	1.0580	-0.0009	-0.9975	-0.9976	0.0001
2023-11-01T10:16:53	1	0	4	4	0	1.0335	1.0331	-0.0003	-0.9996	-0.9997	0.0001
2023-11-01T10:17:17	3	0	1	1	0	1.0369	1.0360	-0.0009	0.9932	0.9925	0.0007
2023-11-01T10:17:44	2	0	16	16	0	1.0337	1.0336	-0.0001	0.9934	0.9933	0.0001
2023-11-01T10:18:48	1	0	7	7	0	1.0514	1.0513	-0.0001	0.9735	0.9732	0.0003
2023-11-01T10:18:52	2	0	1	1	0	0.9395	0.9401	0.0006	0.9801	0.9803	-0.0002
2023-11-01T10:19:36	1	0	21	20	1	0.9463	0.9466	0.0003	-1	-1	0.0000
2023-11-01T10:20:57	2	0	28	28	0	0.9370	0.9373	0.0003	0.983	0.9832	-0.0002
2023-11-01T10:21:01	1	0	90	90	0	1.0570	1.0570	0.0000	0.9556	0.9554	0.0002
2023-11-01T10:21:06	7	0	20	19	1	1.0476	1.0452	-0.0024	0.999	0.9988	0.0002
2023-11-01T10:21:22	5	0	4	4	0	1.0127	1.0119	-0.0008	0.9966	0.9957	0.0009
2023-11-01T10:23:23	1	0	12	12	0	1.0477	1.0476	-0.0001	0.9918	0.9917	0.0001
2023-11-01T10:24:07	1	0	67	67	0	0.9306	0.9309	0.0003	0.9958	0.9958	0.0000
2023-11-01T10:25:23	2	0	3	3	0	1.0458	1.0455	-0.0004	0.9991	0.9991	0.0000
2023-11-01T10:26:23	1	0	674	703	-29	0.7901	0.8280	0.0379	0.9058	0.9136	-0.0078
2023-11-01T10:29:42	6	0	6	6	0	0.9341	0.9223	-0.0117	0.9795	0.9791	0.0004
2023-11-01T10:29:43	2	0	3	3	0	1.0374	1.0370	-0.0003	-0.9552	-0.9558	0.0006
2023-11-01T10:31:06	1	0	2	2	0	0.9395	0.9406	0.0011	0.9967	0.9967	0.0000
2023-11-01T10:31:26	1	0	7	7	0	1.0368	1.0366	-0.0002	0.993	0.9787	0.0143
2023-11-01T10:34:35	4	0	2	2	0	0.9912	0.9915	0.0003	-0.9942	-0.9942	0.0000
2023-11-01T10:35:25	8	0	20	17	3	1.0499	1.0492	-0.0007	0.983	0.9819	0.0011
2023-11-01T10:35:58	1	0	10	10	0	0.9489	0.9488	0.0000	0.9879	0.9878	0.0001
2023-11-01T10:36:10	1	0	1	1	0	0.9408	0.9417	0.0009	-0.933	-0.9305	-0.0025
2023-11-01T10:36:27	1	0	4	4	0	1.0323	1.0321	-0.0002	-0.9985	-0.9985	0.0000
2023-11-01T10:40:48	1	0	3	2	1	1.0546	1.0525	-0.0021	-0.996	-0.996	0.0000
2023-11-01T10:41:32	1	0	7	7	0	1.0162	1.0162	-0.0001	0.9998	0.9998	0.0000
2023-11-01T10:41:50	1	0	5	5	0	1.0133	1.0133	-0.0001	0.9692	0.9691	0.0001
2023-11-01T10:42:25	1	0	17	17	0	0.9378	0.9379	0.0001	0.9849	0.9841	0.0008
2023-11-01T10:43:58	1	0	268	266	2	1.0592	1.0592	0.0000	0.978	0.978	0.0000
2023-11-01T10:44:59	1	0	46	46	0	1.0489	1.0489	0.0000	-0.9955	-0.9955	0.0000
2023-11-01T10:45:19	1	0	2	2	0	1.0261	1.0259	-0.0001	0.9934	0.9934	0.0000
2023-11-01T10:48:05	1	0	1	1	0	1.0562	1.0553	-0.0009	0.9818	0.9816	0.0002
2023-11-01T10:48:45	1	0	93	87	6	1.0565	1.0563	-0.0002	0.9976	0.9975	0.0001
2023-11-01T10:49:15	2	0	1	2	-1	0.9281	0.9917	0.0636	0.9762	0.9764	-0.0002
2023-11-01T10:49:40	2	0	3	3	0	1.0433	1.0428	-0.0006	0.9968	0.9967	0.0001
2023-11-01T10:50:59	3	0	24	23	1	0.9385	0.9387	0.0002	0.9833	0.9837	-0.0004
2023-11-01T10:51:03	3	0	122	121	1	1.0588	1.0587	-0.0001	0.9541	0.9533	0.0008
2023-11-01T10:51:24	1	0	2	2	0	1.0148	1.0145	-0.0004	0.9949	0.9944	0.0005
2023-11-01T10:53:25	1	0	23	22	1	1.0503	1.0500	-0.0003	0.9934	0.9934	0.0000
2023-11-01T10:55:39	1	0	9	9	0	1.0224	1.0223	0.0000	-0.9994	-0.9994	0.0000
2023-11-01T10:55:49	1	0	5	4	1	1.0562	1.0557	-0.0006	-0.9966	-0.9966	0.0000
2023-11-01T10:55:57	1	0	51	50	1	1.0522	1.0521	0.0000	0.9864	0.9863	0.0001
2023-11-01T10:57:31	2	0	306	296	10	1.0616	1.0615	-0.0001	-0.9845	-0.9848	0.0003
2023-11-01T10:58:00	1	0	1	1	0	0.9920	0.9925	0.0005	-0.9779	-0.9777	-0.0002
2023-11-01T10:58:42	1	0	9	9	0	0.9756	0.9757	0.0001	0.976	0.9761	-0.0001
2023-11-01T11:00:00	1	0	48	46	2	1.0491	1.0490	-0.0001	-0.9964	-0.9965	0.0001
2023-11-01T11:00:31	1	0	22	20	2	1.0502	1.0506	0.0004	0.9984	0.9977	0.0007
2023-11-01T11:01:28	7	0	14	17	-3	1.0350	1.0191	-0.0159	0.9937	0.993	0.0007
2023-11-01T11:02:06	2	0	1	1	0	1.0315	1.0309	-0.0006	0.9872	0.987	0.0002
2023-11-01T11:02:28	7	0	3	3	0	1.0474	1.0462	-0.0012	-0.9662	-0.9668	0.0006
2023-11-01T11:03:10	5	0	101	100	1	1.0538	1.0537	-0.0001	0.9785	0.9784	0.0001
2023-11-01T11:03:33	1	0	41	41	0	0.9568	0.9570	0.0002	0.9685	0.9685	0.0000
2023-11-01T11:03:57	1	0	110	107	3	1.0564	1.0564	0.0000	0.9968	0.9968	0.0000
2023-11-01T11:04:30	1	0	3	3	0	1.0719	1.0718	-0.0001	0.9716	0.9715	0.0001
2023-11-01T11:06:17	1	0	1	1	0	1.0328	1.0325	-0.0003	-0.999	-0.999	0.0000
2023-11-01T11:08:26	2	0	16	15	1	1.0493	1.0495	0.0002	0.9878	0.9877	0.0001
2023-11-01T11:10:27	1	0	18	12	6	0.9555	0.9614	0.0059	-0.995	-0.995	0.0000
2023-11-01T11:11:19	1	0	1	1	0	0.9433	0.9447	0.0014	0.9997	0.9981	0.0016
2023-11-01T11:11:29	2	0	36	28	8	0.9427	0.9429	0.0003	-0.995	-0.9948	-0.0002
2023-11-01T11:12:30	1	0	1	1	0	1.0570	1.0564	-0.0006	0.9856	0.9855	0.0001
2023-11-01T11:12:31	1	0	4	4	0	0.9941	0.9940	-0.0001	0.9776	0.9775	0.0001
2023-11-01T11:13:01	3	0	1	1	0	0.9897	0.9907	0.0010	-0.9802	-0.9799	-0.0003
2023-11-01T11:14:00	1	0	97	93	4	1.0556	1.0555	-0.0001	0.989	0.9886	0.0004
2023-11-01T11:16:29	1	0	3	3	0	1.0379	1.0369	-0.0010	0.9012	0.9026	-0.0014
2023-11-01T11:16:34	3	0	3	4	-1	0.9575	0.9576	0.0001	0.988	0.9877	0.0003
2023-11-01T11:17:06	4	0	17	17	0	1.0419	1.0416	-0.0004	1	1	0.0000
2023-11-01T11:19:09	1	0	1	1	0	1.0557	1.0550	-0.0007	0.9629	0.9627	0.0002
2023-11-01T11:19:12	2	0	261	245	16	1.0572	1.0574	0.0002	0.9973	0.9972	0.0001
2023-11-01T11:19:26	1	0	8	8	0	1.0466	1.0465	-0.0001	0.9973	0.9972	0.0001
2023-11-01T11:19:39	2	0	2	2	0	0.9935	0.9933	-0.0002	-0.99	-0.9901	0.0001
2023-11-01T11:20:33	3	0	12	9	3	1.0499	1.0499	0.0000	0.9973	0.9972	0.0001
2023-11-01T11:21:10	4	0	28	27	1	1.0496	1.0495	-0.0001	0.9989	0.9988	0.0001
2023-11-01T11:21:39	2	0	173	173	0	1.0034	1.0032	-0.0001	0.988	0.9877	0.0003
2023-11-01T11:22:57	6	0	276	274	2	0.9195	0.9195	0.0000	0.9472	0.9489	-0.0017
2023-11-01T11:23:16	1	0	1	0	1	1.0555	null	null	0.9895	0.9894	0.0001
2023-11-01T11:23:27	2	0	22	21	1	1.0504	1.0501	-0.0003	0.9947	0.9947	0.0000
2023-11-01T11:25:50	1	0	4	4	0	0.9508	0.9508	0.0000	0.9966	0.9965	0.0001
2023-11-01T11:26:34	1	0	7	7	0	1.0270	1.0267	-0.0002	0.9586	0.9584	0.0002
2023-11-01T11:27:31	1	0	3	3	0	1.0352	1.0349	-0.0003	0.9817	0.9816	0.0001
2023-11-01T11:27:34	1	0	18	17	1	1.0582	1.0581	-0.0001	0.9384	0.9382	0.0002
2023-11-01T11:28:44	2	0	9	9	0	1.0280	1.0279	0.0000	0.987	0.9869	0.0001
2023-11-01T11:29:04	2	0	768	765	3	1.0659	1.0658	-0.0001	1	1	0.0000
2023-11-01T11:30:29	1	0	14	13	1	1.0532	1.0529	-0.0002	0.9702	0.9701	0.0001
2023-11-01T11:31:25	2	0	45	45	0	0.9151	0.9151	0.0000	0.9927	0.9927	0.0000
2023-11-01T11:31:30	7	0	5	6	-1	1.0140	1.0176	0.0036	0.9639	0.9328	0.0311

2023-11-01T11:31:35	4	0	2	2	0	0.9701	0.9694	-0.0007	0.9879	0.9876	0.0003
2023-11-01T11:32:27	1	0	149	149	0	1.0562	1.0562	0.0000	0.9925	0.9925	0.0000
2023-11-01T11:34:06	4	0	12	13	-1	0.9479	0.9478	0.0000	0.9994	0.9985	0.0009
2023-11-01T11:34:41	10	0	8	6	2	1.0349	1.0281	-0.0069	-0.9921	-0.9924	0.0003
2023-11-01T11:35:36	2	0	29	23	6	0.9388	0.9403	0.0014	0.8426	0.8448	-0.0022
2023-11-01T11:36:31	1	0	2	2	0	0.9521	0.9521	0.0000	-0.9982	-0.998	-0.0002
2023-11-01T11:36:39	3	0	2	3	-1	1.0676	1.0634	-0.0042	0.9823	0.9825	-0.0002
2023-11-01T11:40:28	3	0	2	3	-1	1.0699	1.0545	-0.0155	0.9997	0.9997	0.0000
2023-11-01T11:40:29	1	0	2	2	0	1.0408	1.0408	0.0000	-0.9928	-0.9928	0.0000
2023-11-01T11:40:52	1	0	1	2	-1	1.0630	1.0591	-0.0038	-0.9974	-0.9973	-0.0001
2023-11-01T11:41:31	3	0	6	7	-1	0.9439	0.9440	0.0001	-0.9917	-0.9918	0.0001
2023-11-01T11:41:36	1	0	8	8	0	1.0226	1.0225	-0.0001	-1	-1	0.0000
2023-11-01T11:41:55	1	0	1	1	0	1.0405	1.0405	0.0000	0.9938	0.9938	0.0000
2023-11-01T11:42:10	5	0	85	84	1	1.1286	1.1294	0.0008	-0.989	-0.9891	0.0001
2023-11-01T11:42:29	1	0	2	2	0	0.9358	0.9358	0.0001	0.9868	0.9868	0.0000
2023-11-01T11:42:44	2	0	215	204	11	1.0603	1.0596	-0.0007	-0.988	-0.9885	0.0005
2023-11-01T11:44:01	1	0	82	82	0	1.1349	1.1328	-0.0021	-0.9991	-0.9991	0.0000
2023-11-01T11:46:26	2	0	45	45	0	0.9239	0.9239	0.0000	0.9943	0.9944	-0.0001
2023-11-01T11:46:34	1	0	2	2	0	1.0207	1.0206	-0.0002	0.9863	0.9861	0.0002
2023-11-01T11:47:23	3	0	1	1	0	1.0660	1.0660	0.0000	0.9788	0.9795	-0.0007
2023-11-01T11:47:28	1	0	170	170	0	1.0561	1.0561	0.0000	0.993	0.9931	-0.0001
2023-11-01T11:48:36	5	0	12	11	1	1.0329	1.0307	-0.0022	0.9699	0.9699	0.0000
2023-11-01T11:49:11	1	0	1	1	0	1.0565	1.0565	0.0000	0.9647	0.9647	0.0000
2023-11-01T11:49:27	2	0	2	1	1	1.0015	0.9437	-0.0578	0.9687	0.9686	0.0001
2023-11-01T11:50:37	2	0	85	61	24	1.0565	1.0552	-0.0013	-0.9918	-0.9935	0.0017
2023-11-01T11:51:20	2	0	2	2	0	1.0459	1.0456	-0.0004	-0.9999	-0.9999	0.0000
2023-11-01T11:51:28	6	0	3	4	-1	1.0121	1.0138	0.0017	0.9979	0.9981	-0.0002
2023-11-01T11:56:32	3	0	28	28	0	0.9450	0.9449	-0.0001	-0.9938	-0.994	0.0002
2023-11-01T11:56:36	1	0	9	10	-1	1.0182	1.0162	-0.0019	0.9641	0.9643	-0.0002
2023-11-01T11:56:56	1	0	2	2	0	1.0309	1.0309	0.0000	0.9941	0.9941	0.0000
2023-11-01T11:57:28	1	0	2	2	0	1.0760	1.0757	-0.0003	0.9982	0.9982	0.0000
2023-11-01T11:57:30	1	0	3	3	0	0.9380	0.9380	0.0000	0.9853	0.9853	0.0000
2023-11-01T11:57:47	2	0	222	221	1	1.0588	1.0584	-0.0003	-0.9858	-0.9861	0.0003
2023-11-01T11:58:46	2	0	9	9	0	1.0452	1.0451	0.0000	0.9904	0.9904	0.0000
2023-11-01T12:01:27	2	0	45	45	0	0.9270	0.9270	0.0000	0.9943	0.9944	-0.0001
2023-11-01T12:01:32	6	0	25	23	2	1.0490	1.0481	-0.0008	0.9907	0.9744	0.0163
2023-11-01T12:02:24	3	0	1	1	0	1.0660	1.0660	0.0000	0.9799	0.9805	-0.0006
2023-11-01T12:04:28	1	0	5	3	2	1.0317	1.0137	-0.0180	0.977	0.9767	0.0003
2023-11-01T12:04:51	2	0	20	19	1	1.0442	1.0436	-0.0006	0.9647	0.9646	0.0001
2023-11-01T12:06:21	2	0	2	3	-1	1.0444	1.0480	0.0036	-0.9995	-0.9995	0.0000
2023-11-01T12:11:57	1	0	2	2	0	1.0322	1.0322	0.0000	0.994	0.994	0.0000
2023-11-01T12:12:31	1	0	2	2	0	0.9384	0.9384	0.0000	0.9901	0.99	0.0001
2023-11-01T12:16:36	1	0	3	4	-1	1.0223	1.0232	0.0009	0.9816	0.9817	-0.0001
2023-11-01T12:20:02	1	0	36	34	2	1.0484	1.0480	-0.0004	0.9889	0.9889	0.0000
2023-11-01T12:20:40	2	0	25	23	2	0.9398	0.9399	0.0002	0.8474	0.8479	-0.0005
2023-11-01T12:21:43	3	0	7	9	-2	1.0501	1.0503	0.0002	0.9929	0.9933	-0.0004
2023-11-01T12:26:34	5	0	1	1	0	0.9444	0.9445	0.0001	-0.9929	-0.9929	0.0000
2023-11-01T12:34:45	9	0	2	7	-5	0.9894	1.0321	0.0427	-0.9913	-0.9909	-0.0004
2023-11-01T12:40:33	1	0	3	3	0	1.0302	1.0302	0.0000	-0.9928	-0.9928	0.0000
2023-11-01T12:42:56	2	0	16	16	0	1.0432	1.0429	-0.0003	0.9306	0.9305	0.0001
2023-11-01T12:49:31	2	0	2	2	0	0.9903	0.9905	0.0001	0.9744	0.9746	-0.0002
2023-11-01T12:51:36	1	0	5	5	0	1.0108	1.0107	-0.0001	-0.999	-0.999	0.0000
2023-11-01T12:55:56	1	0	1	1	0	0.9446	0.9446	0.0000	0.9979	0.9979	0.0000
2023-11-01T12:58:50	1	0	4	4	0	1.0380	1.0379	0.0000	0.9747	0.9746	0.0001
2023-11-01T12:59:13	1	0	5	5	0	1.0044	1.0043	0.0000	-0.9982	-0.9982	0.0000
2023-11-01T13:03:15	2	0	4	5	-1	1.0353	1.0336	-0.0017	0.9788	0.9791	-0.0003
2023-11-01T13:10:34	3	0	4	4	0	1.0448	1.0404	-0.0044	0.9994	0.999	0.0004
2023-11-01T13:11:41	1	0	1	1	0	0.9951	0.9948	-0.0003	0.9525	0.9527	-0.0002
2023-11-01T13:18:16	2	0	3	3	0	1.0264	1.0263	-0.0001	0.9802	0.9801	0.0001
2023-11-01T13:32:45	1	0	1	1	0	1.0398	1.0395	-0.0003	0.9992	0.9992	0.0000
2023-11-01T13:41:09	1	0	6	7	-1	1.0559	1.0561	0.0002	-0.9953	-0.9951	-0.0002
2023-11-01T13:41:44	1	0	8	8	0	1.0215	1.0214	-0.0002	-0.9998	-0.9998	0.0000
2023-11-01T13:47:36	1	0	206	206	0	1.0571	1.0571	0.0000	0.9936	0.9937	-0.0001
2023-11-01T13:49:02	1	0	7	6	1	1.0462	1.0443	-0.0019	0.968	0.9679	0.0001
2023-11-01T13:49:35	1	0	1	1	0	0.9319	0.9325	0.0006	0.9546	0.955	-0.0004
2023-11-01T13:51:49	1	0	3	3	0	1.0577	1.0577	0.0000	0.9901	0.9901	0.0000
2023-11-01T13:52:07	1	0	7	7	0	1.0095	1.0095	0.0000	0.9917	0.9917	0.0000
2023-11-01T13:55:45	1	0	5	5	0	0.9766	0.9767	0.0002	-0.9948	-0.9947	-0.0001
2023-11-01T13:55:48	2	0	5	5	0	1.0637	1.0633	-0.0004	0.9994	0.999	0.0004
2023-11-01T13:56:44	1	0	7	7	0	1.0248	1.0246	-0.0002	0.9598	0.9595	0.0003
2023-11-01T13:59:16	2	0	33	33	0	1.0517	1.0517	0.0000	0.9886	0.985	0.0036
2023-11-01T14:01:42	4	0	1	0	1	1.0381	null	null	0.9735	0.9734	0.0001
2023-11-01T14:02:37	1	0	331	331	0	1.0592	1.0592	0.0000	0.9946	0.9946	0.0000
2023-11-01T14:05:49	2	0	86	86	0	1.0559	1.0557	-0.0001	-0.9907	-0.9908	0.0001
2023-11-01T14:06:12	4	0	3	3	0	1.0291	1.0289	-0.0002	1	1	0.0000
2023-11-01T14:06:29	2	0	5	5	0	1.0376	1.0375	-0.0001	-0.9993	-0.9993	0.0000
2023-11-01T14:06:37	1	0	5	5	0	1.0119	1.0118	0.0000	0.9974	0.997	0.0004
2023-11-01T14:10:54	1	0	93	90	3	0.9359	0.9360	0.0002	-0.9945	-0.9944	-0.0001
2023-11-01T14:11:00	2	0	4	4	0	1.0444	1.0442	-0.0002	0.9991	0.9979	0.0012
2023-11-01T14:11:42	2	0	1	1	0	1.0310	1.0295	-0.0015	-0.9904	-0.9906	0.0002
2023-11-01T14:11:45	1	0	8	8	0	1.0218	1.0217	0.0000	0.9556	0.9556	0.0000
2023-11-01T14:11:56	1	0	8	8	0	1.0216	1.0215	-0.0001	-0.9999	-0.9999	0.0000
2023-11-01T14:12:05	1	0	3	3	0	1.0145	1.0144	-0.0001	0.9777	0.9776	0.0001
2023-11-01T14:12:37	1	0	2	2	0	1.0732	1.0731	-0.0001	0.9962	0.9962	0.0000
2023-11-01T14:12:42	1	0	1	1	0	1.0593	1.0593	0.0000	0.9859	0.9859	0.0000

2023-11-01T14:16:36	2	0	45	45	0	0.9285	0.9284	0.0000	0.9959	0.9958	0.0001
2023-11-01T14:16:45	7	0	60	46	14	1.0502	1.0499	-0.0003	0.9909	0.9904	0.0005
2023-11-01T14:16:47	1	0	4	4	0	1.0269	1.0267	-0.0002	0.9983	0.9983	0.0000
2023-11-01T14:17:05	2	0	1	1	0	1.0564	1.0564	0.0000	-0.9973	-0.9971	-0.0002
2023-11-01T14:17:38	1	0	393	392	1	1.0600	1.0600	0.0000	0.9945	0.9946	-0.0001
2023-11-01T14:17:48	1	0	1	1	0	1.0398	1.0395	-0.0003	0.9992	0.9992	0.0000
2023-11-01T14:18:00	3	0	27	27	0	1.0369	1.0369	0.0000	0.9969	0.9969	0.0000
2023-11-01T14:18:48	2	0	15	14	1	1.0440	1.0429	-0.0011	0.9828	0.9827	0.0001
2023-11-01T14:19:42	2	0	7	5	2	1.0342	1.0306	-0.0036	0.9569	0.9561	0.0008
2023-11-01T14:19:52	8	0	12	7	5	1.0506	1.0498	-0.0008	-0.9871	-0.9876	0.0005
2023-11-01T14:20:50	2	0	86	86	0	1.0560	1.0557	-0.0002	-0.9941	-0.9943	0.0002
2023-11-01T14:21:13	4	0	20	18	2	1.0421	1.0420	-0.0002	-0.9925	-0.9929	0.0004
2023-11-01T14:21:30	2	0	4	4	0	1.0395	1.0395	0.0000	-0.999	-0.999	0.0000
2023-11-01T14:21:38	7	0	7	7	0	1.0136	1.0135	-0.0001	0.9996	0.9995	0.0001
2023-11-01T14:21:43	2	0	5	5	0	1.0122	1.0121	-0.0001	-0.998	-0.9979	-0.0001
2023-11-01T14:21:51	1	0	3	3	0	1.0575	1.0574	-0.0001	0.9924	0.9923	0.0001
2023-11-01T14:22:51	1	0	83	83	0	1.1328	1.1326	-0.0002	-0.997	-0.997	0.0000
2023-11-01T14:25:55	1	0	57	55	2	0.9478	0.9479	0.0001	-0.9978	-0.9978	0.0000
2023-11-01T14:26:43	1	0	1	0	1	1.0194	null	null	-0.9931	-0.9928	-0.0003
2023-11-01T14:26:46	1	0	7	7	0	1.0247	1.0246	-0.0001	0.9625	0.9624	0.0001
2023-11-01T14:27:06	1	0	3	3	0	1.0187	1.0187	0.0000	0.9776	0.9776	0.0000
2023-11-01T14:27:38	1	0	2	2	0	1.0749	1.0748	-0.0002	0.9992	0.9992	0.0000
2023-11-01T14:30:27	2	0	55	55	0	1.0505	1.0505	0.0000	-0.9908	-0.9909	0.0001
2023-11-01T14:30:31	1	0	1	1	0	1.0343	1.0343	0.0000	-0.9997	-0.9997	0.0000
2023-11-01T14:31:08	1	0	35	34	1	1.0494	1.0492	-0.0002	0.9911	0.9911	0.0000
2023-11-01T14:31:35	5	0	44	42	2	1.0502	1.0504	0.0002	0.9971	0.997	0.0001
2023-11-01T14:31:37	2	0	46	46	0	0.9229	0.9229	0.0000	0.9936	0.9936	0.0000
2023-11-01T14:31:48	1	0	4	4	0	1.0268	1.0267	-0.0001	0.9761	0.976	0.0001
2023-11-01T14:32:06	2	0	2	2	0	1.0565	1.0565	-0.0001	-0.9972	-0.9972	0.0000
2023-11-01T14:32:49	2	0	2	2	0	1.0348	1.0345	-0.0003	0.9972	0.9971	0.0001
2023-11-01T14:32:53	7	0	212	207	5	1.0584	1.0583	-0.0001	-0.9892	-0.9893	0.0001
2023-11-01T14:33:01	2	0	26	26	0	1.0446	1.0446	0.0000	0.9964	0.9963	0.0001
2023-11-01T14:33:09	1	0	4	4	0	1.0384	1.0383	-0.0001	0.9974	0.9973	0.0001
2023-11-01T14:33:49	1	0	9	9	0	1.0391	1.0391	0.0000	0.977	0.9771	-0.0001
2023-11-01T14:34:05	2	0	7	7	0	1.0494	1.0492	-0.0003	0.9668	0.9661	0.0007
2023-11-01T14:34:30	1	0	47	45	2	1.0548	1.0546	-0.0002	-0.9914	-0.9917	0.0003
2023-11-01T14:34:53	10	0	28	23	5	1.0554	1.0544	-0.0010	-0.9824	-0.9827	0.0003
2023-11-01T14:35:01	6	0	4	4	0	0.9785	0.9791	0.0006	-0.9983	-0.9982	-0.0001
2023-11-01T14:35:51	2	0	88	88	0	1.0577	1.0576	-0.0002	-0.9947	-0.9948	0.0001
2023-11-01T14:36:14	1	0	10	10	0	1.0454	1.0454	0.0000	-0.9999	-0.9999	0.0000
2023-11-01T14:36:31	2	0	2	2	0	1.0347	1.0345	-0.0002	0.9998	0.9998	0.0000
2023-11-01T14:36:41	5	0	4	4	0	1.0161	1.0158	-0.0002	0.9979	0.9976	0.0003
2023-11-01T14:36:44	2	0	4	4	0	1.0066	1.0065	-0.0001	-0.9982	-0.9981	-0.0001
2023-11-01T14:36:52	3	0	5	5	0	1.0512	1.0508	-0.0004	0.9927	0.992	0.0007
2023-11-01T14:37:09	2	0	14	13	1	1.0531	1.0536	0.0005	0.9977	0.9977	0.0000
2023-11-01T14:37:25	1	0	5	5	0	1.0116	1.0118	0.0001	-0.9998	-0.9998	0.0000
2023-11-01T14:37:52	4	0	85	84	1	1.1286	1.1308	0.0021	-0.9972	-0.9973	0.0001
2023-11-01T14:38:03	1	0	11	11	0	1.0616	1.0615	-0.0001	0.969	0.9635	0.0055
2023-11-01T14:38:33	2	0	7	8	-1	1.0472	1.0482	0.0009	-0.9998	-0.9998	0.0000
2023-11-01T14:40:56	1	0	6	6	0	1.0025	1.0025	0.0000	-0.9935	-0.9935	0.0000
2023-11-01T14:41:02	2	0	3	3	0	1.0595	1.0589	-0.0006	0.9999	0.9999	0.0000
2023-11-01T14:41:44	3	0	13	9	4	0.9434	0.9433	-0.0001	-0.9959	-0.9956	-0.0003
2023-11-01T14:42:39	1	0	2	2	0	1.0731	1.0731	0.0000	0.9971	0.9971	0.0000
2023-11-01T14:42:44	2	0	37	29	8	1.0546	1.0541	-0.0005	0.9992	0.9992	0.0000
2023-11-01T14:43:57	1	0	8	8	0	1.0435	1.0434	0.0000	0.986	0.9859	0.0001
2023-11-01T14:44:20	1	0	4	4	0	1.0025	1.0025	0.0000	-0.99	-0.9899	-0.0001
2023-11-01T14:46:56	1	0	3	3	0	1.0340	1.0339	-0.0001	0.9907	0.9906	0.0001
2023-11-01T14:47:43	1	0	69	68	1	1.0537	1.0537	0.0000	0.9801	0.9801	0.0000
2023-11-01T14:47:54	2	0	137	136	1	1.0553	1.0553	0.0000	-0.9765	-0.9764	-0.0001
2023-11-01T14:48:02	1	0	16	16	0	1.0379	1.0379	0.0000	0.998	0.9979	0.0001
2023-11-01T14:48:10	1	0	3	3	0	1.0347	1.0347	0.0000	0.9978	0.9982	-0.0004
2023-11-01T14:48:50	1	0	205	153	52	0.9260	0.9388	0.0128	0.9581	0.9619	-0.0038
2023-11-01T14:49:23	1	0	1	1	0	1.0586	1.0583	-0.0003	0.9521	0.952	0.0001
2023-11-01T14:56:13	1	0	27	27	0	1.0474	1.0473	0.0000	0.9898	0.9898	0.0000
2023-11-01T14:56:45	3	0	2	2	0	0.9909	0.9890	-0.0019	-0.9951	-0.9955	0.0004
2023-11-01T14:57:07	1	0	3	3	0	0.9798	0.9802	0.0004	0.9707	0.971	-0.0003
2023-11-01T14:57:08	1	0	3	3	0	1.0205	1.0205	0.0000	0.977	0.9769	0.0001
2023-11-01T15:00:29	2	0	32	32	0	1.0474	1.0474	0.0000	-0.9915	-0.9915	0.0000
2023-11-01T15:08:33	1	0	245	245	0	0.9105	0.9105	0.0000	0.95	0.9499	0.0001
2023-11-01T15:09:36	1	0	337	334	3	1.0568	1.0568	0.0000	0.9934	0.9934	0.0000
2023-11-01T15:11:04	3	0	4	4	0	1.0418	1.0414	-0.0004	0.9984	0.9985	-0.0001
2023-11-01T15:11:49	1	0	8	8	0	1.0224	1.0224	0.0000	0.9671	0.9671	0.0000
2023-11-01T15:12:51	1	0	23	23	0	1.0444	1.0443	-0.0001	-0.9811	-0.9811	0.0000
2023-11-01T15:15:34	1	0	2	2	0	1.0293	1.0293	0.0000	-0.9996	-0.9996	0.0000
2023-11-01T15:16:16	3	0	2	0	2	1.0139	null	null	0.9821	0.9818	0.0003
2023-11-01T15:17:56	1	0	142	142	0	1.0553	1.0553	0.0000	-0.9759	-0.9759	0.0000
2023-11-01T15:19:45	1	0	30	29	1	1.0477	1.0484	0.0006	-0.9994	-0.9994	0.0000
2023-11-01T15:19:46	2	0	14	13	1	1.0322	1.0303	-0.0019	0.967	0.9669	0.0001
2023-11-01T15:19:56	1	0	72	67	5	0.9259	0.9267	0.0009	0.9992	0.9992	0.0000
2023-11-01T15:23:32	2	0	6	6	0	1.0495	1.0494	-0.0001	0.9958	0.9958	0.0000
2023-11-01T15:23:48	2	0	2	1	1	1.0349	1.0336	-0.0013	0.9967	0.9964	0.0003
2023-11-01T15:26:47	1	0	64	63	1	0.9401	0.9404	0.0003	-0.9978	-0.9978	0.0000
2023-11-01T15:31:17	4	0	1	0	1	1.0103	null	null	0.9821	0.9815	0.0006
2023-11-01T15:31:48	1	0	1	1	0	1.0233	1.0224	-0.0009	0.9928	0.9916	0.0012
2023-11-01T15:34:57	2	0	135	133	2	0.9175	0.9181	0.0006	0.9987	0.9987	0.0000

2023-11-01T15:39:38	2	0	335	334	1	1.0559	1.0559	0.0000	0.9938	0.9937	0.0001
2023-11-01T15:42:02	1	0	8	8	0	1.0222	1.0222	0.0000	0.9985	0.9986	-0.0001
2023-11-01T15:45:32	1	0	34	34	0	1.0474	1.0474	0.0000	-0.9888	-0.9888	0.0000
2023-11-01T15:53:52	1	0	249	249	0	0.9205	0.9205	0.0000	0.953	0.953	0.0000
2023-11-01T16:00:33	1	0	35	35	0	1.0478	1.0478	0.0000	-0.9892	-0.9893	0.0001
2023-11-01T16:00:59	1	0	17	17	0	1.0510	1.0509	0.0000	0.9975	0.9975	0.0000
2023-11-01T16:08:58	2	0	154	153	1	0.9289	0.9288	-0.0001	0.9692	0.9678	0.0014
2023-11-01T16:11:47	2	0	1	0	1	1.0144	null	null	0.9705	0.9705	0.0000
2023-11-01T16:13:30	3	0	5	5	0	1.0349	1.0346	-0.0003	-0.998	-0.9981	0.0001
2023-11-01T16:16:00	1	0	14	14	0	1.0495	1.0495	0.0000	0.9978	0.9978	0.0000
2023-11-01T16:17:44	3	0	1	1	0	1.0366	1.0361	-0.0005	0.9944	0.9941	0.0003
2023-11-01T16:19:50	2	0	3	3	0	0.9744	0.9746	0.0002	0.9616	0.9622	-0.0006
2023-11-01T16:26:48	2	0	1	1	0	1.0132	1.0128	-0.0004	0.9704	0.9703	0.0001
2023-11-01T16:38:09	1	0	8	8	0	1.0372	1.0372	0.0000	-0.9927	-0.9951	0.0024
2023-11-01T16:46:02	1	0	11	11	0	1.0483	1.0483	0.0000	0.998	0.9979	0.0001
2023-11-01T16:49:52	1	0	6	6	0	0.9891	0.9889	-0.0002	0.973	0.9727	0.0003
2023-11-01T16:54:08	2	0	126	126	0	0.9267	0.9266	0.0000	0.9895	0.9891	0.0004
2023-11-01T16:55:52	1	0	61	59	2	1.0522	1.0520	-0.0002	-0.9728	-0.9728	0.0000
2023-11-01T17:11:12	1	0	2	2	0	1.0113	1.0111	-0.0003	0.9974	0.9974	0.0000
2023-11-02T07:50:56	1	0	58	57	1	0.9415	0.9415	0.0000	-0.9454	-0.9436	-0.0018
2023-11-02T07:52:29	2	0	326	326	0	0.8820	0.8822	0.0002	0.95	0.9499	0.0001
2023-11-02T07:55:16	1	0	157	157	0	0.9099	0.9100	0.0001	-0.9961	-0.9961	0.0000
2023-11-02T07:56:18	1	0	98	98	0	0.9296	0.9297	0.0000	-0.9955	-0.9952	-0.0003
2023-11-02T08:03:22	1	0	217	215	2	0.9367	0.9368	0.0001	0.9763	0.9763	0.0000
2023-11-02T08:05:53	1	0	140	139	1	1.0593	1.0593	0.0000	0.9887	0.9887	0.0000
2023-11-02T08:07:25	2	0	26	26	0	0.9497	0.9498	0.0001	0.9747	0.9747	0.0000
2023-11-02T08:10:30	2	0	32	32	0	0.9540	0.9541	0.0001	0.998	0.998	0.0000
2023-11-02T08:14:46	1	0	51	50	1	1.0548	1.0547	-0.0001	-0.962	-0.9614	-0.0006
2023-11-02T08:23:00	1	0	101	101	0	0.9529	0.9531	0.0002	0.9907	0.9904	0.0003
2023-11-02T08:30:00	1	0	11	11	0	1.0484	1.0483	0.0000	0.9996	0.9996	0.0000
2023-11-02T08:37:24	1	0	14	14	0	0.9404	0.9407	0.0003	1	1	0.0000
2023-11-02T08:37:26	1	0	92	90	2	1.0480	1.0478	-0.0001	0.9986	0.9986	0.0000
2023-11-02T08:50:56	2	0	207	205	2	1.0613	1.0612	0.0000	0.9902	0.9902	0.0000
2023-11-02T09:01:20	6	0	62	61	1	1.0541	1.0535	-0.0006	0.9919	0.9802	0.0117
2023-11-02T09:14:19	3	0	2	2	0	1.0278	1.0272	-0.0006	-0.9968	-0.9969	0.0001
2023-11-02T09:26:24	1	0	89	88	1	0.9349	0.9349	0.0000	-0.9958	-0.9956	-0.0002
2023-11-02T09:28:58	1	0	5	5	0	1.0233	1.0231	-0.0002	0.9959	0.9958	0.0001
2023-11-02T09:30:04	2	0	20	18	2	1.0528	1.0522	-0.0007	0.9968	0.9968	0.0000
2023-11-02T09:31:06	1	0	1	1	0	0.9420	0.9426	0.0006	0.9949	0.9949	0.0000
2023-11-02T09:31:40	1	0	4	4	0	1.0346	1.0345	-0.0001	1	1	0.0000
2023-11-02T09:32:27	1	0	1	1	0	1.0382	1.0378	-0.0004	0.9998	0.9998	0.0000
2023-11-02T09:32:54	5	0	154	143	11	1.0533	1.0532	-0.0001	1	1	0.0000
2023-11-02T09:34:20	3	0	3	3	0	1.0434	1.0428	-0.0006	-0.9929	-0.993	0.0001
2023-11-02T09:35:59	3	0	338	335	3	1.0662	1.0660	-0.0002	0.9895	0.9908	-0.0013
2023-11-02T09:36:06	4	0	19	18	1	1.0490	1.0486	-0.0004	-0.9995	-0.9996	0.0001
2023-11-02T09:37:06	1	0	3	3	0	0.9923	0.9921	-0.0002	-0.9986	-0.9986	0.0000
2023-11-02T09:38:05	1	0	4	5	-1	0.9972	0.9867	-0.0105	0.9924	0.9924	0.0000
2023-11-02T09:42:33	3	0	360	356	4	1.0657	1.0655	-0.0002	0.9917	0.9916	0.0001
2023-11-02T09:42:37	2	0	17	17	0	1.0491	1.0488	-0.0003	0.9998	0.9998	0.0000
2023-11-02T09:46:35	2	0	7	6	1	1.0480	1.0481	0.0001	0.9932	0.9928	0.0004
2023-11-02T09:46:57	1	0	123	123	0	0.9299	0.9299	0.0000	-0.9978	-0.9978	0.0000
2023-11-02T09:47:56	1	0	1024	1024	0	0.7886	0.7886	0.0000	0.8713	0.8713	0.0000
2023-11-02T09:51:14	2	0	2	2	0	1.0344	1.0341	-0.0003	-0.9646	-0.9651	0.0005
2023-11-02T09:51:25	1	0	119	119	0	1.0594	1.0594	0.0000	-0.9531	-0.9527	-0.0004
2023-11-02T09:51:36	4	0	12	12	0	1.0488	1.0487	-0.0001	0.9962	0.9965	-0.0003
2023-11-02T09:51:45	1	0	1	1	0	1.0380	1.0377	-0.0003	0.9826	0.9826	0.0000
2023-11-02T09:52:55	1	0	3	3	0	0.9760	0.9761	0.0001	0.9954	0.9954	0.0000
2023-11-02T09:53:01	1	0	3	3	0	1.0251	1.0248	-0.0003	0.9809	0.9807	0.0002
2023-11-02T09:53:41	2	0	6	6	0	1.0352	1.0350	-0.0002	0.9875	0.9872	0.0003
2023-11-02T09:53:50	3	0	1	1	0	1.0367	1.0360	-0.0007	0.9949	0.9944	0.0005
2023-11-02T09:54:22	7	0	94	90	4	1.0517	1.0516	-0.0001	0.999	0.9989	0.0001
2023-11-02T09:54:35	1	0	2	2	0	1.0092	1.0087	-0.0005	0.9546	0.9544	0.0002
2023-11-02T09:55:04	1	0	32	32	0	0.9890	0.9890	0.0001	0.9797	0.9797	0.0000
2023-11-02T09:55:08	1	0	1	1	0	1.0294	1.0289	-0.0005	0.9491	0.949	0.0001
2023-11-02T09:55:32	1	0	4	5	-1	1.0040	0.9921	-0.0119	0.9898	0.9904	-0.0006
2023-11-02T09:55:45	1	0	1	2	-1	0.9401	0.9977	0.0576	0.9694	0.9696	-0.0002
2023-11-02T09:55:54	2	0	4	4	0	1.0181	1.0183	0.0001	-0.9945	-0.9944	-0.0001
2023-11-02T09:56:42	2	0	6	6	0	1.0358	1.0355	-0.0003	-0.978	-0.9782	0.0002
2023-11-02T09:57:12	2	0	6	6	0	1.0303	1.0302	-0.0001	0.9959	0.9958	0.0001
2023-11-02T09:57:18	2	0	2	2	0	1.0465	1.0461	-0.0005	-0.8671	-0.8676	0.0005
2023-11-02T09:59:05	2	0	15	15	0	1.0341	1.0341	0.0000	0.9934	0.9933	0.0001
2023-11-02T10:00:35	3	0	51	46	5	0.9383	0.9393	0.0011	0.996	0.9962	-0.0002
2023-11-02T10:05:12	2	0	13	13	0	1.0031	1.0034	0.0003	0.9853	0.9853	0.0000
2023-11-02T10:05:29	1	0	3	3	0	1.0265	1.0262	-0.0003	0.9963	0.9962	0.0001
2023-11-02T10:05:56	1	0	1	1	0	1.0334	1.0334	0.0000	0.9993	0.9993	0.0000
2023-11-02T10:06:15	3	0	3	3	0	1.0395	1.0391	-0.0004	-0.9689	-0.9694	0.0005
2023-11-02T10:06:26	2	0	117	114	3	1.0587	1.0582	-0.0005	-0.9454	-0.9458	0.0004
2023-11-02T10:06:31	1	0	38	37	1	1.0475	1.0475	0.0000	-0.9984	-0.9984	0.0000
2023-11-02T10:06:37	1	0	15	13	2	1.0506	1.0495	-0.0011	0.9964	0.9963	0.0001
2023-11-02T10:06:46	1	0	1	1	0	1.0385	1.0381	-0.0004	0.9825	0.9824	0.0001
2023-11-02T10:07:56	1	0	3	3	0	0.9757	0.9758	0.0001	0.9958	0.9958	0.0000
2023-11-02T10:08:02	1	0	4	4	0	1.0227	1.0226	-0.0002	0.9811	0.9809	0.0002
2023-11-02T10:08:15	1	0	5	5	0	1.0315	1.0314	-0.0001	-1	-1	0.0000
2023-11-02T10:08:18	2	0	5	4	1	1.0511	1.0518	0.0007	-0.9987	-0.9988	0.0001
2023-11-02T10:08:50	3	0	1	0	1	1.0366	null	null	0.9894	0.9886	0.0008

2023-11-02T10:08:55	4	0	2	2	0	1.0397	1.0394	-0.0003	-0.9866	-0.9869	0.0003
2023-11-02T10:09:17	1	0	23	23	0	1.0351	1.0351	0.0000	0.9932	0.9931	0.0001
2023-11-02T10:09:19	2	0	5	5	0	1.0404	1.0403	-0.0001	0.9969	0.9968	0.0001
2023-11-02T10:09:33	4	0	123	117	6	1.0536	1.0535	-0.0001	0.9991	0.9991	0.0000
2023-11-02T10:09:36	1	0	2	2	0	1.0041	1.0036	-0.0005	0.9502	0.9501	0.0001
2023-11-02T10:10:05	3	0	30	29	1	1.0293	1.0282	-0.0011	0.9782	0.9782	0.0000
2023-11-02T10:10:33	1	0	4	4	0	1.0039	1.0038	-0.0001	0.991	0.9916	-0.0006
2023-11-02T10:10:55	4	0	3	3	0	1.0073	1.0076	0.0003	-0.9965	-0.9964	-0.0001
2023-11-02T10:11:12	2	0	4	5	-1	1.0360	1.0378	0.0019	0.9954	0.9954	0.0000
2023-11-02T10:12:04	2	0	84	82	2	1.0562	1.0556	-0.0007	-0.9946	-0.9952	0.0006
2023-11-02T10:12:13	1	0	7	7	0	1.0281	1.0281	0.0000	0.9973	0.9973	0.0000
2023-11-02T10:12:34	6	0	398	376	22	1.0708	1.0696	-0.0012	0.9918	0.9914	0.0004
2023-11-02T10:12:39	13	0	21	21	0	1.0502	1.0480	-0.0022	0.9999	0.9998	0.0001
2023-11-02T10:12:52	3	0	3	3	0	1.0153	1.0142	-0.0011	0.9915	0.9907	0.0008
2023-11-02T10:12:58	1	0	6	6	0	1.0039	1.0037	-0.0002	-0.9977	-0.9975	-0.0002
2023-11-02T10:14:04	1	0	1	1	0	0.9414	0.9428	0.0014	-0.9993	-0.9991	-0.0002
2023-11-02T10:14:13	3	0	167	161	6	0.9191	0.9200	0.0009	0.9614	0.961	0.0004
2023-11-02T10:14:56	1	0	5	5	0	1.0484	1.0483	-0.0001	0.9881	0.988	0.0001
2023-11-02T10:16:37	2	0	13	9	4	1.0544	1.0524	-0.0020	0.9962	0.9958	0.0004
2023-11-02T10:16:53	2	0	5	5	0	1.0392	1.0390	-0.0003	0.9981	0.9982	-0.0001
2023-11-02T10:16:56	1	0	2	0	2	1.0551	null	null	-0.9977	-0.9978	0.0001
2023-11-02T10:17:10	1	0	11	11	0	1.0066	1.0066	0.0000	0.9999	0.9999	0.0000
2023-11-02T10:17:20	1	0	3	3	0	0.9041	0.9042	0.0001	0.9946	0.9947	-0.0001
2023-11-02T10:17:56	2	0	73	73	0	0.9400	0.9401	0.0001	-0.9955	-0.9955	0.0000
2023-11-02T10:17:58	1	0	53	52	1	0.9539	0.9546	0.0007	0.9543	0.9576	-0.0033
2023-11-02T10:18:22	1	0	3	3	0	1.0196	1.0195	-0.0001	0.979	0.9788	0.0002
2023-11-02T10:19:29	1	0	1	1	0	0.9920	0.9923	0.0003	-0.9932	-0.9932	0.0000
2023-11-02T10:19:42	3	0	2	2	0	1.0263	1.0256	-0.0006	-0.996	-0.996	0.0000
2023-11-02T10:20:57	2	0	3	3	0	1.0307	1.0295	-0.0012	0.9991	0.9991	0.0000
2023-11-02T10:23:16	1	0	4	4	0	1.0375	1.0373	-0.0002	-1	-1	0.0000
2023-11-02T10:23:43	2	0	10	10	0	1.0303	1.0301	-0.0002	0.9867	0.9864	0.0003
2023-11-02T10:24:18	1	0	20	19	1	1.0308	1.0300	-0.0008	0.9921	0.992	0.0001
2023-11-02T10:24:33	1	0	4	4	0	1.0296	1.0295	-0.0002	0.9736	0.9735	0.0001
2023-11-02T10:24:48	1	0	1	0	1	1.0173	null	null	0.9883	0.9886	-0.0003
2023-11-02T10:25:06	2	0	38	38	0	0.9619	0.9622	0.0003	0.9799	0.9802	-0.0003
2023-11-02T10:26:13	4	0	6	6	0	1.0335	1.0331	-0.0004	0.9964	0.9963	0.0001
2023-11-02T10:27:00	4	0	15	14	1	1.0501	1.0498	-0.0003	0.9838	0.9838	0.0000
2023-11-02T10:27:38	2	0	1	1	0	0.9420	0.9429	0.0009	-0.9462	-0.9454	-0.0008
2023-11-02T10:27:40	5	0	9	9	0	1.0366	1.0362	-0.0004	0.9987	0.9985	0.0002
2023-11-02T10:27:59	1	0	2	2	0	1.0337	1.0336	-0.0002	-0.9967	-0.9965	-0.0002
2023-11-02T10:28:43	1	0	1	1	0	1.0592	1.0579	-0.0013	-0.9979	-0.9979	0.0000
2023-11-02T10:32:30	1	0	20	18	2	1.0531	1.0527	-0.0004	0.9983	0.9983	0.0000
2023-11-02T10:33:20	2	0	18	18	0	1.0122	1.0121	-0.0001	0.9723	0.9722	0.0001
2023-11-02T10:34:08	1	0	25	25	0	1.0454	1.0454	0.0000	-0.9979	-0.9979	0.0000
2023-11-02T10:34:30	2	0	1	1	0	0.9897	0.9902	0.0005	-0.9915	-0.9914	-0.0001
2023-11-02T10:35:14	2	0	15	15	0	0.9769	0.9769	0.0001	0.9719	0.9721	-0.0002
2023-11-02T10:38:44	1	0	11	11	0	1.0301	1.0301	-0.0001	0.987	0.9867	0.0003
2023-11-02T10:39:58	2	0	195	188	7	1.0523	1.0523	-0.0001	0.9989	0.9989	0.0000
2023-11-02T10:40:11	1	0	1	1	0	1.0337	1.0330	-0.0007	0.9498	0.9494	0.0004
2023-11-02T10:40:48	1	0	3	2	1	1.0123	0.9883	-0.0240	0.9717	0.9715	0.0002
2023-11-02T10:40:57	3	0	1	1	0	1.0490	1.0485	-0.0005	-0.9927	-0.9929	0.0002
2023-11-02T10:42:54	1	0	1	1	0	1.0107	1.0104	-0.0003	0.9912	0.9906	0.0006
2023-11-02T10:43:07	2	0	7	7	0	0.9940	0.9939	-0.0001	0.9851	0.9848	0.0003
2023-11-02T10:47:57	2	0	2	2	0	0.9419	0.9425	0.0005	-0.9906	-0.9903	-0.0003
2023-11-02T10:49:44	2	0	2	2	0	1.0143	1.0136	-0.0008	-1	1	0.0000
2023-11-02T10:52:48	2	0	11	11	0	1.0473	1.0471	-0.0002	0.9985	0.9984	0.0001
2023-11-02T10:52:59	2	0	4	4	0	1.0027	1.0024	-0.0003	0.9973	0.9972	0.0001
2023-11-02T10:53:38	2	0	23	20	3	1.0586	1.0584	-0.0002	0.9977	0.9976	0.0001
2023-11-02T10:55:09	4	0	183	175	8	1.0528	1.0526	-0.0002	0.9995	0.9994	0.0001
2023-11-02T10:55:36	1	0	5	5	0	1.0102	1.0101	-0.0001	0.9906	0.9906	0.0000
2023-11-02T10:55:49	1	0	7	5	2	1.0164	0.9994	-0.0170	0.9677	0.9674	0.0003
2023-11-02T10:55:58	3	0	3	2	1	1.0430	1.0425	-0.0005	-0.9954	-0.9956	0.0002
2023-11-02T10:56:13	1	0	3	3	0	1.0385	1.0384	-0.0001	-0.9999	-0.9999	0.0000
2023-11-02T10:57:07	2	0	112	99	13	1.0589	1.0575	-0.0015	-0.993	-0.9948	0.0018
2023-11-02T10:57:18	1	0	6	6	0	1.0503	1.0503	0.0000	0.9954	0.9952	0.0002
2023-11-02T10:59:09	1	0	5	5	0	1.0003	1.0002	-0.0001	0.9851	0.9853	-0.0002
2023-11-02T11:02:02	1	0	2	2	0	1.0700	1.0696	-0.0004	0.9997	0.9997	0.0000
2023-11-02T11:02:13	1	0	9	9	0	1.0176	1.0175	0.0000	0.9998	0.9998	0.0000
2023-11-02T11:03:01	1	0	94	90	4	0.9526	0.9542	0.0016	0.949	0.9526	-0.0036
2023-11-02T11:04:32	1	0	1	1	0	0.9919	0.9921	0.0002	-0.9864	-0.9863	-0.0001
2023-11-02T11:06:00	1	0	1	2	-1	1.0321	1.0304	-0.0016	0.9987	0.9988	-0.0001
2023-11-02T11:06:41	1	0	19	19	0	1.0514	1.0514	0.0000	0.9972	0.9972	0.0000
2023-11-02T11:08:59	7	0	1	0	1	1.0432	null	null	-0.9812	-0.9817	0.0005
2023-11-02T11:09:21	1	0	24	24	0	1.0361	1.0360	0.0000	0.9924	0.9924	0.0000
2023-11-02T11:10:10	1	0	131	128	3	1.0521	1.0519	-0.0002	0.9987	0.9986	0.0001
2023-11-02T11:10:50	1	0	1	2	-1	0.9268	0.9912	0.0644	0.95	0.9504	-0.0004
2023-11-02T11:10:59	2	0	6	6	0	1.0312	1.0308	-0.0005	-0.9957	-0.9958	0.0001
2023-11-02T11:12:19	1	0	8	8	0	1.0527	1.0527	0.0000	0.9949	0.9949	0.0000
2023-11-02T11:12:38	4	0	117	114	3	1.0606	1.0605	-0.0001	0.9704	0.9695	0.0009
2023-11-02T11:12:43	1	0	10	10	0	1.0465	1.0462	-0.0002	0.9997	0.9997	0.0000
2023-11-02T11:13:46	1	0	2	2	0	1.0103	1.0104	0.0001	-0.9997	-0.9997	0.0000
2023-11-02T11:14:10	1	0	10	9	1	0.9908	0.9829	-0.0079	0.9835	0.9834	0.0001
2023-11-02T11:14:31	6	0	238	232	6	0.9069	0.9087	0.0018	0.9447	0.9461	-0.0014
2023-11-02T11:14:59	3	0	2	1	1	1.0323	1.0318	-0.0005	0.9954	0.9951	0.0003
2023-11-02T11:19:00	2	0	21	21	0	1.0481	1.0480	-0.0001	0.9536	0.9534	0.0002

2023-11-02T11:19:11	2	0	110	109	1	1.0530	1.0530	0.0000	-0.9997	-0.9997	0.0000
2023-11-02T11:20:21	1	0	4	4	0	1.0283	1.0282	-0.0002	0.9821	0.9819	0.0002
2023-11-02T11:21:01	1	0	2	1	1	1.0354	1.0337	-0.0017	0.9979	0.9978	0.0001
2023-11-02T11:21:36	1	0	37	36	1	1.0481	1.0479	-0.0002	-0.9966	-0.9966	0.0000
2023-11-02T11:21:42	2	0	24	24	0	1.0520	1.0519	-0.0001	0.9979	0.9977	0.0002
2023-11-02T11:21:47	1	0	1	1	0	1.0300	1.0300	0.0000	-1	-1	0.0000
2023-11-02T11:21:51	1	0	1	1	0	1.0355	1.0352	-0.0003	0.9772	0.9772	0.0000
2023-11-02T11:26:17	1	0	6	6	0	1.0446	1.0445	-0.0001	0.9974	0.9974	0.0000
2023-11-02T11:27:04	4	0	19	18	1	1.0499	1.0493	-0.0006	0.9828	0.9823	0.0005
2023-11-02T11:27:32	2	0	347	47	300	0.9389	0.9760	0.0370	0.9665	0.9837	-0.0172
2023-11-02T11:29:11	2	0	5	6	-1	1.0003	1.0094	0.0091	0.9857	0.9858	-0.0001
2023-11-02T11:29:50	1	0	1	1	0	1.0221	1.0212	-0.0009	0.9888	0.9887	0.0001
2023-11-02T11:32:04	1	0	4	4	0	1.0267	1.0267	0.0000	-0.9965	-0.9965	0.0000
2023-11-02T11:33:00	5	0	2	2	0	1.0247	1.0246	-0.0001	-0.9809	-0.9807	-0.0002
2023-11-02T11:34:00	1	0	5	5	0	1.0575	1.0573	-0.0001	0.9967	0.9966	0.0001
2023-11-02T11:34:01	1	0	2	2	0	1.0729	1.0724	-0.0005	0.9806	0.9804	0.0002
2023-11-02T11:34:10	1	0	13	12	1	1.0556	1.0555	-0.0001	0.9409	0.9407	0.0002
2023-11-02T11:34:51	2	0	1	1	0	1.0282	1.0282	0.0000	-0.9997	-0.9997	0.0000
2023-11-02T11:35:18	4	0	9	9	0	1.0103	1.0103	0.0000	0.9647	0.9646	0.0001
2023-11-02T11:36:37	1	0	30	30	0	1.0481	1.0481	0.0000	-0.9955	-0.9956	0.0001
2023-11-02T11:38:02	2	0	45	45	0	0.9308	0.9308	0.0000	0.9945	0.9944	0.0001
2023-11-02T11:38:08	1	0	1	1	0	1.0184	1.0184	0.0000	0.9726	0.9726	0.0000
2023-11-02T11:38:58	3	0	1	1	0	1.0644	1.0644	0.0000	0.9812	0.9816	-0.0004
2023-11-02T11:39:00	1	0	472	470	2	1.0621	1.0621	0.0000	0.991	0.991	0.0000
2023-11-02T11:39:01	11	0	3	4	-1	1.0469	1.0469	0.0000	-0.9778	-0.9818	0.0040
2023-11-02T11:39:14	1	0	39	38	1	1.0498	1.0496	-0.0002	-0.9748	-0.9748	0.0000
2023-11-02T11:39:40	4	0	48	46	2	1.0513	1.0511	-0.0003	0.9776	0.9775	0.0001
2023-11-02T11:39:43	1	0	97	97	0	0.9097	0.9157	0.0060	0.9537	0.9542	-0.0005
2023-11-02T11:40:11	3	0	18	17	1	1.0419	1.0409	-0.0010	0.9864	0.9864	0.0000
2023-11-02T11:41:01	16	0	324	323	1	0.6480	0.6609	0.0129	0.9863	0.9879	-0.0016
2023-11-02T11:44:51	1	0	3	3	0	1.0410	1.0410	-0.0001	0.9923	0.9923	0.0000
2023-11-02T11:45:26	4	0	22	21	1	1.0312	1.0310	-0.0002	0.9964	0.9964	0.0000
2023-11-02T11:48:04	1	0	1	1	0	1.0017	1.0008	-0.0009	0.9569	0.9565	0.0004
2023-11-02T11:48:28	1	0	2	2	0	1.0257	1.0257	0.0000	0.9771	0.9771	0.0000
2023-11-02T11:49:52	6	0	1	1	0	1.0279	1.0279	0.0000	-0.9994	-0.9993	-0.0001
2023-11-02T11:50:19	4	0	9	9	0	1.0147	1.0146	0.0000	0.9606	0.9605	0.0001
2023-11-02T11:50:40	1	0	85	83	2	1.0556	1.0556	0.0000	-1	-1	0.0000
2023-11-02T11:51:49	1	0	3	3	0	1.0339	1.0339	0.0000	-0.9996	-0.9996	0.0000
2023-11-02T11:53:03	2	0	44	45	-1	0.9232	0.9293	0.0061	0.994	0.9941	-0.0001
2023-11-02T11:53:09	1	0	3	3	0	0.9683	0.9683	0.0000	0.9778	0.9779	-0.0001
2023-11-02T11:53:49	3	0	7	7	0	1.0361	1.0361	0.0000	0.9886	0.9887	-0.0001
2023-11-02T11:57:22	1	0	36	35	1	1.0550	1.0549	-0.0001	0.9964	0.9964	0.0000
2023-11-02T11:57:34	2	0	8	8	0	1.0422	1.0417	-0.0004	0.9918	0.9933	-0.0015
2023-11-02T12:02:06	1	0	4	4	0	1.0319	1.0319	0.0000	-0.996	-0.996	0.0000
2023-11-02T12:03:05	1	0	4	4	0	1.0309	1.0309	0.0000	0.9797	0.9797	0.0000
2023-11-02T12:04:54	6	0	2	2	0	1.0324	1.0324	0.0000	-0.999	-0.999	0.0000
2023-11-02T12:05:20	4	0	12	12	0	1.0323	1.0322	-0.0001	0.9797	0.9796	0.0001
2023-11-02T12:06:50	1	0	2	2	0	1.0343	1.0343	0.0000	-0.9994	-0.9994	0.0000
2023-11-02T12:07:33	3	0	3	3	0	1.0053	1.0048	-0.0005	0.9776	0.9773	0.0003
2023-11-02T12:08:04	2	0	45	45	0	0.9351	0.9351	0.0000	0.9962	0.9963	-0.0001
2023-11-02T12:08:10	1	0	8	8	0	0.9508	0.9508	0.0000	0.9842	0.9842	0.0000
2023-11-02T12:09:00	3	0	1	1	0	1.0683	1.0683	0.0000	0.9774	0.9783	-0.0009
2023-11-02T12:11:03	3	0	12	13	-1	1.0533	1.0507	-0.0026	-0.9894	-0.9902	0.0008
2023-11-02T12:12:23	1	0	76	75	1	1.0567	1.0567	-0.0001	0.9977	0.9977	0.0000
2023-11-02T12:18:30	1	0	2	2	0	1.0233	1.0233	0.0000	0.9779	0.9779	0.0000
2023-11-02T12:19:01	2	0	2	2	0	0.9980	0.9976	-0.0004	0.9937	0.9934	0.0003
2023-11-02T12:19:59	1	0	13	13	0	1.0390	1.0384	-0.0006	-0.9906	-0.9859	-0.0047
2023-11-02T12:23:51	3	0	13	13	0	1.0331	1.0330	-0.0001	0.9893	0.9893	0.0000
2023-11-02T12:35:00	1	0	88	88	0	1.0966	1.0949	-0.0017	0.9944	0.9917	0.0027
2023-11-02T12:39:05	10	0	1	1	0	1.0561	1.0558	-0.0003	-0.9877	-0.9872	-0.0005
2023-11-02T12:41:31	1	0	1	1	0	1.0402	1.0402	0.0000	-0.9988	-0.9987	-0.0001
2023-11-02T12:50:01	1	0	85	85	0	1.1280	1.1236	-0.0043	-0.9826	-0.9823	-0.0003
2023-11-02T12:57:54	2	0	3	4	-1	1.0505	1.0516	0.0011	-0.9978	-0.9978	0.0000
2023-11-02T13:03:06	1	0	3	3	0	1.0286	1.0285	0.0000	-0.9852	-0.9854	0.0002
2023-11-02T13:04:04	2	0	1	2	-1	0.9386	0.9968	0.0582	0.9932	0.9932	0.0000
2023-11-02T13:08:57	3	0	8	9	-1	1.0375	1.0361	-0.0014	0.9898	0.9899	-0.0001
2023-11-02T13:09:45	1	0	5	4	1	1.0068	1.0234	0.0166	0.975	0.975	0.0000
2023-11-02T13:10:28	2	0	7	6	1	1.0517	1.0505	-0.0012	0.9673	0.9672	0.0001
2023-11-02T13:11:02	1	0	6	5	1	1.0580	1.0561	-0.0019	0.9677	0.967	0.0007
2023-11-02T13:11:07	15	0	23	29	-6	0.9610	0.9401	-0.0208	1	1	0.0000
2023-11-02T13:18:09	1	0	2	2	0	0.9829	0.9827	-0.0001	-0.9958	-0.9957	-0.0001
2023-11-02T13:29:19	4	0	22	16	6	1.0470	1.0441	-0.0029	0.9902	0.9902	0.0000
2023-11-02T13:30:48	1	0	34	33	1	0.9725	0.9702	-0.0023	0.9689	0.9706	-0.0017
2023-11-02T13:38:59	1	0	15	15	0	1.0413	1.0413	0.0000	0.9906	0.9903	0.0003
2023-11-02T13:40:49	1	0	1	1	0	1.0603	1.0600	-0.0003	0.9467	0.9466	0.0001
2023-11-02T13:42:13	8	0	9	10	-1	1.0487	1.0485	-0.0002	0.9861	0.9868	-0.0007
2023-11-02T13:44:20	1	0	10	10	0	1.0281	1.0281	0.0000	0.9895	0.9895	0.0000
2023-11-02T13:49:19	1	0	24	23	1	1.0562	1.0561	-0.0001	0.9445	0.9444	0.0001
2023-11-02T13:50:05	1	0	6	6	0	1.0209	1.0209	0.0000	-0.9829	-0.9829	0.0000
2023-11-02T13:54:49	6	0	48	46	2	1.0532	1.0531	-0.0001	0.9785	0.9785	0.0000
2023-11-02T13:56:10	2	0	27	25	2	1.0560	1.0445	-0.0115	-0.9875	-0.9881	0.0006
2023-11-02T13:56:39	1	0	65	62	3	1.0554	1.0553	-0.0001	0.9984	0.9985	-0.0001
2023-11-02T13:58:20	1	0	6	7	-1	1.0508	1.0516	0.0008	0.9851	0.9853	-0.0002
2023-11-02T14:03:13	3	0	3	3	0	0.9933	0.9930	-0.0003	-0.9962	-0.9964	0.0002
2023-11-02T14:04:08	2	0	2	2	0	0.9992	0.9990	-0.0002	0.9928	0.9926	0.0002

2023-11-02T14:07:15	1	0	19	18	1	1.0542	1.0539	-0.0003	0.9702	0.9702	0.0000
2023-11-02T14:09:01	3	0	20	19	1	1.0415	1.0411	-0.0003	0.9896	0.9893	0.0003
2023-11-02T14:09:10	1	0	592	593	-1	1.0629	1.0629	0.0000	0.9931	0.9931	0.0000
2023-11-02T14:09:24	1	0	60	60	0	1.0521	1.0521	0.0000	-0.9705	-0.9704	-0.0001
2023-11-02T14:09:50	5	0	75	68	7	1.0542	1.0539	-0.0002	0.9791	0.9789	0.0002
2023-11-02T14:10:51	1	0	19	19	0	1.0489	1.0489	0.0000	0.9593	0.9593	0.0000
2023-11-02T14:11:06	2	0	3	3	0	1.0185	1.0182	-0.0003	0.9504	0.9503	0.0001
2023-11-02T14:11:11	1	0	18	16	2	0.9412	0.9412	0.0001	1	1	0.0000
2023-11-02T14:14:22	2	0	22	20	2	1.0460	1.0445	-0.0015	0.9899	0.9898	0.0001
2023-11-02T14:17:15	4	0	5	5	0	1.0647	1.0643	-0.0004	0.9994	0.9993	0.0001
2023-11-02T14:18:14	1	0	2	2	0	0.9437	0.9437	0.0000	-0.9968	-0.9966	-0.0002
2023-11-02T14:18:38	1	0	3	3	0	1.0179	1.0178	-0.0001	0.9767	0.9766	0.0001
2023-11-02T14:20:07	1	0	84	84	0	1.1337	1.1331	-0.0006	-0.9976	-0.9906	-0.0070
2023-11-02T14:20:35	2	0	11	12	-1	1.0269	1.0258	-0.0011	0.9676	0.9676	0.0000
2023-11-02T14:20:46	1	0	2	2	0	1.0246	1.0246	0.0000	0.9764	0.9764	0.0000
2023-11-02T14:21:49	1	0	64	64	0	1.0507	1.0507	0.0000	-0.9897	-0.9897	0.0000
2023-11-02T14:22:02	1	0	2	2	0	0.9672	0.9672	-0.0001	-0.9999	-0.9999	0.0000
2023-11-02T14:22:18	1	0	23	22	1	1.0553	1.0552	-0.0001	0.9721	0.9721	0.0000
2023-11-02T14:23:32	2	0	5	5	0	1.0317	1.0316	-0.0002	0.9969	0.9969	0.0000
2023-11-02T14:24:02	2	0	20	19	1	1.0430	1.0436	0.0006	0.9916	0.9913	0.0003
2023-11-02T14:24:11	1	0	674	674	0	1.0633	1.0633	0.0000	0.9942	0.9942	0.0000
2023-11-02T14:24:25	1	0	56	55	1	1.0519	1.0518	-0.0001	-0.9681	-0.968	-0.0001
2023-11-02T14:24:29	1	0	1	1	0	1.0559	1.0554	-0.0005	0.9987	0.9987	0.0000
2023-11-02T14:24:57	4	0	62	61	1	1.0529	1.0528	0.0000	0.9782	0.9782	0.0000
2023-11-02T14:24:57	1	0	97	96	1	0.9107	0.9108	0.0001	0.9562	0.9563	-0.0001
2023-11-02T14:25:22	1	0	11	11	0	1.0263	1.0264	0.0000	0.9781	0.9782	-0.0001
2023-11-02T14:26:07	2	0	4	4	0	0.9690	0.9693	0.0002	0.9466	0.9466	0.0000
2023-11-02T14:26:12	10	0	324	324	0	0.6568	0.6577	0.0009	0.9942	0.9949	-0.0007
2023-11-02T14:26:35	1	0	16	15	1	1.0395	1.0391	-0.0005	0.9683	0.9681	0.0002
2023-11-02T14:26:41	9	0	6	6	0	1.0517	1.0514	-0.0003	0.9989	0.9989	0.0000
2023-11-02T14:27:16	8	0	10	10	0	1.0481	1.0479	-0.0002	0.9866	0.9861	0.0005
2023-11-02T14:28:22	2	0	3	3	0	1.0656	1.0655	-0.0001	0.9917	0.9915	0.0002
2023-11-02T14:29:23	2	0	11	11	0	1.0360	1.0359	-0.0001	0.9898	0.9898	0.0000
2023-11-02T14:30:03	1	0	18	18	0	1.0453	1.0452	-0.0001	0.9959	0.9959	0.0000
2023-11-02T14:32:16	3	0	3	3	0	1.0674	1.0672	-0.0002	0.9993	0.9993	0.0000
2023-11-02T14:32:39	1	0	5	4	1	1.0568	1.0558	-0.0010	-0.9946	-0.9944	-0.0002
2023-11-02T14:34:10	2	0	3	3	0	1.0105	1.0100	-0.0005	0.994	0.9937	0.0003
2023-11-02T14:34:13	1	0	2	2	0	1.0722	1.0721	-0.0001	0.9958	0.9958	0.0000
2023-11-02T14:35:08	1	0	83	83	0	1.0955	1.0779	-0.0176	-0.9961	-0.9962	0.0001
2023-11-02T14:35:36	6	0	14	13	1	1.0118	1.0119	0.0001	0.9589	0.9586	0.0003
2023-11-02T14:36:50	1	0	65	66	-1	1.0512	1.0512	0.0000	-0.9904	-0.9905	0.0001
2023-11-02T14:37:03	1	0	4	4	0	1.0252	1.0252	0.0000	-0.9992	-0.9992	0.0000
2023-11-02T14:37:11	1	0	20	20	0	1.0461	1.0460	-0.0001	0.997	0.997	0.0000
2023-11-02T14:37:53	1	0	2	2	0	0.9850	0.9849	-0.0002	0.9915	0.9915	0.0000
2023-11-02T14:38:10	3	0	22	21	1	1.0478	1.0475	-0.0003	0.9881	0.988	0.0001
2023-11-02T14:38:14	2	0	45	45	0	0.9360	0.9359	0.0000	0.9957	0.9957	0.0000
2023-11-02T14:38:20	2	0	2	2	0	1.0179	1.0174	-0.0004	0.9889	0.9886	0.0003
2023-11-02T14:38:33	2	0	2	2	0	1.0330	1.0321	-0.0009	0.9967	0.9966	0.0001
2023-11-02T14:39:03	3	0	19	19	0	1.0427	1.0426	0.0000	0.9903	0.9901	0.0002
2023-11-02T14:39:12	1	0	730	730	0	1.0644	1.0644	0.0000	0.9945	0.9946	-0.0001
2023-11-02T14:39:26	1	0	63	62	1	1.0529	1.0529	0.0000	-0.9668	-0.9667	-0.0001
2023-11-02T14:39:37	2	0	1	1	0	1.0368	1.0368	0.0000	0.9977	0.9982	-0.0005
2023-11-02T14:39:58	1	0	96	96	0	0.9025	0.9026	0.0002	0.9571	0.9571	0.0000
2023-11-02T14:39:58	4	0	78	76	2	1.0538	1.0538	-0.0001	0.9793	0.9793	0.0000
2023-11-02T14:40:23	1	0	13	13	0	1.0372	1.0371	-0.0001	0.9774	0.9775	-0.0001
2023-11-02T14:40:34	2	0	7	7	0	1.0488	1.0486	-0.0002	0.9681	0.9674	0.0007
2023-11-02T14:40:58	1	0	1	1	0	1.0606	1.0604	-0.0002	0.947	0.9469	0.0001
2023-11-02T14:41:08	2	0	1	2	-1	0.9439	0.9999	0.0560	0.9587	0.9592	-0.0005
2023-11-02T14:41:08	1	0	128	124	4	1.0570	1.0569	-0.0001	-0.9897	-0.9896	-0.0001
2023-11-02T14:41:57	7	0	14	14	0	1.0492	1.0485	-0.0008	0.9987	0.9987	0.0000
2023-11-02T14:42:17	4	0	9	9	0	1.0477	1.0477	0.0000	0.9867	0.9867	0.0000
2023-11-02T14:42:37	2	0	10	9	1	1.0533	1.0526	-0.0006	-0.8059	-0.8064	0.0005
2023-11-02T14:42:47	1	0	5	5	0	1.0434	1.0433	-0.0001	0.9972	0.9972	0.0000
2023-11-02T14:43:14	1	0	4	4	0	1.0190	1.0189	-0.0001	0.9989	0.9985	0.0004
2023-11-02T14:43:23	3	0	4	4	0	1.0511	1.0509	-0.0002	0.9927	0.9924	0.0003
2023-11-02T14:44:03	1	0	8	9	-1	1.0560	1.0546	-0.0014	-0.9933	-0.9933	0.0000
2023-11-02T14:44:17	1	0	51	50	1	1.0484	1.0483	-0.0001	0.9957	0.9957	0.0000
2023-11-02T14:44:24	2	0	10	10	0	1.0364	1.0363	0.0000	0.9906	0.9906	0.0000
2023-11-02T14:44:42	2	0	3	4	-1	1.0399	1.0437	0.0037	0.9975	0.9975	0.0000
2023-11-02T14:46:56	1	0	55	55	0	1.0560	1.0560	0.0000	0.991	0.9904	0.0006
2023-11-02T14:48:40	1	0	4	4	0	1.0202	1.0202	0.0000	0.9781	0.9781	0.0000
2023-11-02T14:49:13	1	0	9	9	0	1.0508	1.0508	0.0000	0.991	0.9909	0.0001
2023-11-02T14:50:37	2	0	14	14	0	1.0067	1.0068	0.0000	0.9613	0.9613	0.0000
2023-11-02T14:51:45	1	0	233	229	4	1.0618	1.0618	0.0000	-0.8983	-0.8997	0.0014
2023-11-02T14:53:45	1	0	3	3	0	1.0285	1.0284	-0.0001	0.997	0.997	0.0000
2023-11-02T14:55:24	1	0	12	12	0	0.9794	0.9794	0.0000	0.9703	0.9705	-0.0002
2023-11-02T14:56:14	8	0	310	311	-1	0.7270	0.7370	0.0100	0.9945	0.994	0.0005
2023-11-02T14:56:44	1	0	31	30	1	1.0487	1.0485	-0.0002	0.9887	0.9888	-0.0001
2023-11-02T15:00:05	1	0	26	26	0	1.0500	1.0500	0.0000	0.9981	0.9981	0.0000
2023-11-02T15:05:07	6	0	5	5	0	1.0353	1.0348	-0.0005	-0.9975	-0.9977	0.0002
2023-11-02T15:09:28	1	0	67	66	1	1.0527	1.0526	0.0000	-0.9664	-0.9663	-0.0001
2023-11-02T15:10:09	1	0	3	3	0	1.0208	1.0205	-0.0002	0.9905	0.9906	-0.0001
2023-11-02T15:15:17	1	0	17	17	0	1.0460	1.0460	-0.0001	0.9988	0.9988	0.0000
2023-11-02T15:18:25	1	0	3	3	0	1.0246	1.0244	-0.0002	0.9572	0.9522	0.0050
2023-11-02T15:20:50	1	0	3	3	0	1.0270	1.0270	0.0000	0.9793	0.9793	0.0000

2023-11-02T15:25:01	1	0	2	0	2	1.0572	null	null	0.9616	0.9616	0.0000
2023-11-02T15:36:18	1	0	2	3	-1	1.0311	1.0283	-0.0028	0.9994	0.9994	0.0000
2023-11-02T15:37:03	1	0	14	14	0	1.0500	1.0500	0.0000	0.9973	0.9973	0.0000
2023-11-02T15:39:57	3	0	13	12	1	1.0325	1.0334	0.0010	0.9871	0.987	0.0001
2023-11-02T15:40:49	1	0	41	41	0	1.0500	1.0499	0.0000	-0.9997	-0.9997	0.0000
2023-11-02T15:41:12	2	0	6	7	-1	0.9753	0.9867	0.0114	0.963	0.9632	-0.0002
2023-11-02T15:41:30	1	0	70	69	1	1.0504	1.0504	0.0000	-0.9875	-0.9874	-0.0001
2023-11-02T15:43:18	1	0	5	5	0	1.0150	1.0149	-0.0001	0.9998	0.9996	0.0002
2023-11-02T15:52:04	1	0	13	13	0	1.0502	1.0502	0.0000	0.9979	0.998	-0.0001
2023-11-02T15:54:15	3	0	2	2	0	1.0479	1.0476	-0.0004	0.9959	0.9953	0.0006
2023-11-02T15:54:58	1	0	11	11	0	1.0288	1.0288	0.0000	0.986	0.986	0.0000
2023-11-02T15:58:09	2	0	3	3	0	1.0373	1.0371	-0.0002	-1	-1	0.0000
2023-11-02T16:00:11	1	0	9	9	0	0.9413	0.9410	-0.0003	0.9866	0.9862	0.0004
2023-11-02T16:06:20	1	0	4	4	0	1.0316	1.0314	-0.0003	0.9981	0.998	0.0001
2023-11-02T16:07:05	1	0	12	12	0	1.0480	1.0480	0.0000	0.9976	0.9965	0.0011
2023-11-02T16:09:36	1	0	2	2	0	1.0398	1.0393	-0.0006	0.9978	0.9978	0.0000
2023-11-02T16:09:59	1	0	12	13	-1	1.0298	1.0233	-0.0065	0.9876	0.9876	0.0000
2023-11-02T16:18:22	2	0	1	1	0	1.0283	1.0276	-0.0007	-0.9914	-0.9914	0.0000
2023-11-02T16:22:06	1	0	11	11	0	1.0483	1.0483	0.0000	0.9983	0.9984	-0.0001
2023-11-02T16:23:25	1	0	1	0	1	1.0264	null	null	0.993	0.9886	0.0044
2023-11-02T16:24:37	1	0	2	2	0	1.0362	1.0360	-0.0003	0.9981	0.998	0.0001
2023-11-02T16:26:15	4	0	15	16	-1	0.9458	0.9458	0.0000	0.9609	0.9613	-0.0004
2023-11-02T16:37:07	1	0	10	10	0	1.0469	1.0468	-0.0001	0.9987	0.9986	0.0001
2023-11-02T16:41:16	1	0	24	19	5	0.9730	0.9737	0.0007	0.979	0.9787	0.0003
2023-11-02T16:43:22	1	0	3	3	0	1.0165	1.0165	0.0000	0.9981	0.998	0.0001
2023-11-02T17:37:11	1	0	2	2	0	1.0452	1.0452	-0.0001	0.9978	0.998	-0.0002
2023-11-02T17:48:28	1	0	47	47	0	0.9427	0.9427	0.0000	-0.9967	-0.9966	-0.0001
2023-11-03T07:50:38	1	0	22	21	1	0.9423	0.9422	-0.0001	-0.9371	-0.9357	-0.0014
2023-11-03T07:52:11	2	0	186	185	1	0.8819	0.8821	0.0002	0.9541	0.954	0.0001
2023-11-03T07:55:54	1	0	98	98	0	0.9303	0.9303	0.0001	-0.9956	-0.9952	-0.0004
2023-11-03T07:58:11	1	0	47	47	0	0.9463	0.9464	0.0000	0.9757	0.9757	0.0000
2023-11-03T08:03:04	1	0	207	207	0	0.9330	0.9331	0.0001	0.9843	0.9843	0.0000
2023-11-03T08:09:58	1	0	153	153	0	0.9188	0.9189	0.0001	-0.9979	-0.9979	0.0000
2023-11-03T08:10:12	2	0	51	51	0	0.9559	0.9559	0.0000	0.9973	0.9973	0.0000
2023-11-03T08:13:12	1	0	10	10	0	0.9878	0.9878	0.0000	0.9853	0.9853	0.0000
2023-11-03T08:13:56	2	0	3	3	0	1.0324	1.0322	-0.0002	-0.9987	-0.9987	0.0000
2023-11-03T08:14:35	1	0	40	39	1	1.0535	1.0534	-0.0001	-0.9568	-0.9569	0.0001
2023-11-03T08:22:37	1	0	52	40	12	0.9696	0.9698	0.0002	0.9921	0.9917	0.0004
2023-11-03T08:29:44	1	0	14	14	0	1.0500	1.0499	0.0000	0.9997	0.9997	0.0000
2023-11-03T08:32:56	1	0	39	38	1	1.0545	1.0545	0.0000	0.9915	0.9915	0.0000
2023-11-03T08:37:05	1	0	5	5	0	0.9421	0.9428	0.0007	-0.9986	-0.9986	0.0000
2023-11-03T08:47:57	1	0	47	46	1	1.0549	1.0549	0.0000	0.9915	0.9915	0.0000
2023-11-03T08:48:12	1	0	2	2	0	0.9857	0.9861	0.0003	0.9627	0.9626	0.0001
2023-11-03T08:50:06	2	0	20	18	2	0.9414	0.9415	0.0001	0.8629	0.8634	-0.0005
2023-11-03T08:58:59	1	0	3	3	0	1.0332	1.0330	-0.0002	-0.9984	-0.9984	0.0000
2023-11-03T08:59:46	1	0	15	15	0	1.0521	1.0520	0.0000	0.9968	0.9968	0.0000
2023-11-03T09:01:59	1	0	294	294	0	1.0592	1.0592	0.0000	0.9915	0.9915	0.0000
2023-11-03T09:02:58	1	0	72	72	0	1.0564	1.0564	0.0000	0.992	0.992	0.0000
2023-11-03T09:07:15	1	0	96	96	0	1.0505	1.0501	-0.0004	0.9982	0.9982	0.0000
2023-11-03T09:11:58	2	0	3	3	0	0.9965	0.9964	-0.0002	0.9979	0.9978	0.0001
2023-11-03T09:14:47	1	0	12	11	1	1.0496	1.0499	0.0003	0.9971	0.997	0.0001
2023-11-03T09:17:59	1	0	105	102	3	1.0573	1.0572	-0.0001	0.9926	0.9925	0.0001
2023-11-03T09:22:41	1	0	5	5	0	1.0091	1.0089	-0.0001	0.993	0.9925	0.0005
2023-11-03T09:23:29	2	0	158	157	1	1.0575	1.0575	0.0000	-0.9856	-0.9855	-0.0001
2023-11-03T09:26:00	1	0	22	23	-1	0.9472	0.9503	0.0031	-0.9891	-0.9889	-0.0002
2023-11-03T09:28:40	1	0	7	7	0	1.0235	1.0233	-0.0002	0.9939	0.9939	0.0000
2023-11-03T09:29:20	2	0	2	2	0	1.0274	1.0271	-0.0003	-0.9552	-0.9554	0.0002
2023-11-03T09:29:48	2	0	21	19	2	1.0524	1.0518	-0.0006	0.9971	0.9971	0.0000
2023-11-03T09:32:47	1	0	2	2	0	1.0084	1.0081	-0.0004	0.9752	0.9751	0.0001
2023-11-03T09:35:09	2	0	56	22	34	1.0546	1.0518	-0.0028	-0.9958	-0.9966	0.0008
2023-11-03T09:35:45	5	0	23	22	1	1.0530	1.0518	-0.0011	-0.9987	-0.9988	0.0001
2023-11-03T09:36:48	1	0	3	3	0	0.9968	0.9966	-0.0002	-0.9964	-0.9964	0.0000
2023-11-03T09:44:49	2	0	25	23	2	1.0535	1.0534	-0.0001	0.9976	0.9976	0.0000
2023-11-03T09:46:02	1	0	2	2	0	0.9110	0.9112	0.0002	0.987	0.987	0.0000
2023-11-03T09:46:06	1	0	1	1	0	1.0247	1.0243	-0.0004	0.9931	0.9926	0.0005
2023-11-03T09:47:36	1	0	74	73	1	1.0524	1.0524	0.0000	1	1	0.0000
2023-11-03T09:47:48	1	0	2	2	0	1.0132	1.0132	0.0000	0.9751	0.9751	0.0000
2023-11-03T09:48:16	1	0	3	3	0	1.0311	1.0302	-0.0009	0.9022	0.9017	0.0005
2023-11-03T09:49:03	2	0	1	1	0	0.9364	0.9371	0.0007	-0.9973	-0.9972	-0.0001
2023-11-03T09:50:19	2	0	3	4	-1	1.0359	1.0328	-0.0032	0.994	0.994	0.0000
2023-11-03T09:50:46	1	0	4	4	0	0.9517	0.9517	0.0000	-0.9928	-0.9928	0.0000
2023-11-03T09:54:47	2	0	9	8	1	1.0514	1.0503	-0.0011	0.9851	0.9845	0.0006
2023-11-03T09:55:10	1	0	2	2	0	1.0392	1.0389	-0.0003	0.9873	0.9873	0.0000
2023-11-03T09:55:39	1	0	37	36	1	1.0535	1.0535	0.0000	0.9994	0.9994	0.0000
2023-11-03T09:56:04	1	0	1	1	0	1.0018	1.0015	-0.0003	0.9499	0.9498	0.0001
2023-11-03T09:56:14	1	0	9	9	0	1.0186	1.0186	0.0000	0.9995	0.9995	0.0000
2023-11-03T09:59:42	1	0	95	95	0	1.0572	1.0572	0.0000	-0.9815	-0.9813	-0.0002
2023-11-03T09:59:50	4	0	24	22	2	1.0537	1.0535	-0.0002	0.9966	0.9953	0.0013
2023-11-03T10:00:35	3	0	1	0	1	1.0144	null	null	0.9817	0.9817	0.0000
2023-11-03T10:02:02	2	0	1	1	0	1.0356	1.0348	-0.0008	0.9891	0.9883	0.0008
2023-11-03T10:02:03	1	0	4	4	0	1.0453	1.0447	-0.0006	-0.9787	-0.9789	0.0002
2023-11-03T10:02:37	4	0	115	111	4	1.0540	1.0538	-0.0002	-1	-1	0.0000
2023-11-03T10:03:02	4	0	191	174	17	1.0605	1.0593	-0.0012	0.9937	0.9935	0.0002
2023-11-03T10:03:17	1	0	1	1	0	1.0269	1.0269	0.0000	0.9042	0.9042	0.0000
2023-11-03T10:04:07	1	0	8	8	0	1.0417	1.0416	-0.0001	0.9944	0.9944	0.0000

2023-11-03T10:04:19	1	0	6	6	0	1.0380	1.0376	-0.0004	0.9969	0.9968	0.0001
2023-11-03T10:05:11	2	0	21	18	3	0.9409	0.9411	0.0001	0.8534	0.8543	-0.0009
2023-11-03T10:05:20	2	0	3	3	0	1.0268	1.0266	-0.0002	0.9947	0.9946	0.0001
2023-11-03T10:05:47	1	0	1	1	0	0.9408	0.9416	0.0008	-0.9921	-0.9919	-0.0002
2023-11-03T10:05:47	6	0	47	31	16	1.0525	1.0526	0.0001	-0.9975	-0.9978	0.0003
2023-11-03T10:06:06	1	0	6	6	0	1.0155	1.0154	-0.0002	-0.9992	-0.9991	-0.0001
2023-11-03T10:06:50	1	0	8	8	0	0.9788	0.9786	-0.0003	-0.9981	-0.9982	0.0001
2023-11-03T10:07:25	4	0	212	212	0	0.9001	0.9011	0.0010	0.9457	0.9463	-0.0006
2023-11-03T10:07:44	1	0	5	5	0	1.0026	1.0025	-0.0001	0.9919	0.9919	0.0000
2023-11-03T10:08:06	2	0	5	5	0	1.0411	1.0406	-0.0005	-0.9913	-0.9916	0.0003
2023-11-03T10:10:06	1	0	2	1	1	1.0566	1.0553	-0.0013	-0.9962	-0.9975	0.0013
2023-11-03T10:10:11	1	0	3	3	0	1.0452	1.0449	-0.0003	0.9873	0.9872	0.0001
2023-11-03T10:10:17	1	0	12	12	0	1.0205	1.0205	0.0000	-0.9996	-0.9996	0.0000
2023-11-03T10:11:15	1	0	9	9	0	1.0200	1.0199	0.0000	0.9997	0.9997	0.0000
2023-11-03T10:11:38	1	0	303	303	0	1.0876	1.0876	0.0000	-0.9982	-0.9982	0.0000
2023-11-03T10:14:04	3	0	4	4	0	1.0297	1.0287	-0.0010	-0.9967	-0.997	0.0003
2023-11-03T10:14:25	3	0	3	3	0	1.0407	1.0403	-0.0004	-0.9439	-0.9447	0.0008
2023-11-03T10:14:43	2	0	125	123	2	1.0603	1.0596	-0.0007	-0.9429	-0.9438	0.0009
2023-11-03T10:14:43	1	0	39	38	1	1.0476	1.0477	0.0000	-0.9965	-0.9965	0.0000
2023-11-03T10:16:10	1	0	2	2	0	1.0225	1.0223	-0.0003	0.9801	0.9799	0.0002
2023-11-03T10:16:28	2	0	2	2	0	1.0303	1.0299	-0.0004	-0.9992	-0.9992	0.0000
2023-11-03T10:17:04	1	0	158	158	0	1.0567	1.0566	0.0000	0.9904	0.9905	-0.0001
2023-11-03T10:17:13	1	0	2	2	0	1.0405	1.0400	-0.0006	0.9999	0.9999	0.0000
2023-11-03T10:17:29	2	0	27	27	0	1.0353	1.0353	-0.0001	0.9953	0.9952	0.0001
2023-11-03T10:17:38	4	0	312	289	23	1.0569	1.0569	0.0000	1	1	0.0000
2023-11-03T10:17:43	1	0	3	3	0	1.0297	1.0296	-0.0001	0.9803	0.9803	0.0000
2023-11-03T10:18:13	1	0	8	8	0	1.0154	1.0156	0.0002	0.9802	0.9803	-0.0001
2023-11-03T10:19:05	1	0	2	2	0	0.9898	0.9903	0.0005	-0.9965	-0.9964	-0.0001
2023-11-03T10:19:31	4	0	12	10	2	1.0455	1.0440	-0.0015	0.9967	0.9966	0.0001
2023-11-03T10:20:28	2	0	4	4	0	1.0503	1.0496	-0.0007	-0.8415	-0.8419	0.0004
2023-11-03T10:20:48	8	0	36	31	5	1.0532	1.0522	-0.0010	-0.9988	-0.999	0.0002
2023-11-03T10:21:05	3	0	2	2	0	1.0099	1.0090	-0.0009	0.995	0.9945	0.0005
2023-11-03T10:22:20	2	0	8	8	0	1.0145	1.0143	-0.0002	0.9965	0.9965	0.0000
2023-11-03T10:23:33	5	0	228	218	10	1.0598	1.0596	-0.0001	-0.9845	-0.9846	0.0001
2023-11-03T10:24:49	2	0	11	9	2	1.0533	1.0514	-0.0019	0.9833	0.9824	0.0009
2023-11-03T10:25:07	1	0	2	2	0	1.0520	1.0520	0.0000	-0.9969	-0.9968	-0.0001
2023-11-03T10:25:31	1	0	3	3	0	0.8771	0.8772	0.0001	0.9719	0.9721	-0.0002
2023-11-03T10:25:32	1	0	3	3	0	1.0475	1.0473	-0.0002	0.9987	0.9987	0.0000
2023-11-03T10:27:16	1	0	27	27	0	1.0440	1.0439	0.0000	-0.9822	-0.9822	0.0000
2023-11-03T10:28:21	1	0	8	8	0	1.0067	1.0067	0.0001	0.9674	0.9674	0.0000
2023-11-03T10:30:48	2	0	66	64	2	1.0536	1.0534	-0.0001	0.9836	0.9836	0.0000
2023-11-03T10:30:56	1	0	27	26	1	1.0484	1.0485	0.0001	0.9951	0.9951	0.0000
2023-11-03T10:32:14	1	0	1	0	1	1.0379	null	null	-1	-1	0.0000
2023-11-03T10:32:51	1	0	4	4	0	1.0121	1.0120	-0.0001	0.9563	0.9561	0.0002
2023-11-03T10:32:51	1	0	277	270	7	1.0528	1.0527	0.0000	-1	-1	0.0000
2023-11-03T10:34:06	8	0	13	8	5	1.0480	1.0480	0.0000	-0.989	-0.9896	0.0006
2023-11-03T10:35:28	1	0	52	51	1	1.0564	1.0565	0.0001	0.9951	0.9951	0.0000
2023-11-03T10:35:49	3	0	52	51	1	1.0534	1.0533	-0.0001	-0.9983	-0.9984	0.0001
2023-11-03T10:36:20	1	0	4	4	0	0.9993	0.9992	-0.0001	-0.9991	-0.9991	0.0000
2023-11-03T10:38:07	2	0	17	16	1	1.0500	1.0496	-0.0004	0.9898	0.9897	0.0001
2023-11-03T10:38:34	2	0	323	305	18	1.0611	1.0611	0.0000	-0.9816	-0.9817	0.0001
2023-11-03T10:41:31	1	0	3	3	0	1.0075	1.0074	-0.0001	0.9642	0.9641	0.0001
2023-11-03T10:41:33	1	0	3	3	0	1.0194	1.0193	-0.0001	0.9832	0.983	0.0002
2023-11-03T10:42:57	1	0	83	83	0	1.1402	1.1385	-0.0016	-0.9952	-0.9953	0.0001
2023-11-03T10:43:25	1	0	11	11	0	1.0159	1.0159	0.0000	0.9681	0.968	0.0001
2023-11-03T10:45:00	1	0	2	2	0	0.9798	0.9798	-0.0001	1	1	0.0000
2023-11-03T10:45:04	1	0	6	6	0	1.0362	1.0361	-0.0001	0.9927	0.9926	0.0001
2023-11-03T10:46:08	2	0	47	46	1	1.0546	1.0564	0.0018	0.9935	0.9934	0.0001
2023-11-03T10:46:30	3	0	19	18	1	1.0424	1.0436	0.0012	-0.999	-0.999	0.0000
2023-11-03T10:46:55	2	0	11	11	0	1.0328	1.0327	-0.0001	0.988	0.9877	0.0003
2023-11-03T10:47:15	1	0	2	2	0	1.0371	1.0369	-0.0002	-1	-1	0.0000
2023-11-03T10:48:04	4	0	305	282	23	1.0552	1.0551	-0.0001	-0.9999	-1	0.0001
2023-11-03T10:48:15	2	0	21	20	1	1.0352	1.0341	-0.0011	0.9843	0.9843	0.0000
2023-11-03T10:49:20	1	0	16	16	0	1.0417	1.0417	0.0000	-0.9979	-0.9979	0.0000
2023-11-03T10:50:12	4	0	13	13	0	1.0485	1.0483	-0.0002	0.9841	0.9837	0.0004
2023-11-03T10:50:29	1	0	53	52	1	1.0556	1.0556	0.0000	0.9944	0.9942	0.0002
2023-11-03T10:50:42	1	0	5	5	0	1.0396	1.0395	-0.0001	0.9967	0.9966	0.0001
2023-11-03T10:51:07	1	0	1	1	0	1.0107	1.0102	-0.0005	0.9946	0.9941	0.0005
2023-11-03T10:52:44	2	0	170	168	2	0.9198	0.9199	0.0001	0.9465	0.946	0.0005
2023-11-03T10:53:35	3	0	298	296	2	1.0607	1.0607	0.0000	-0.9796	-0.9795	-0.0001
2023-11-03T10:55:20	1	0	5	5	0	1.0206	1.0206	-0.0001	-0.9988	-0.9988	0.0000
2023-11-03T10:55:34	1	0	3	3	0	1.0526	1.0519	-0.0007	0.9995	0.9995	0.0000
2023-11-03T10:56:08	1	0	89	82	7	0.9352	0.9364	0.0012	0.9511	0.9475	0.0036
2023-11-03T10:57:13	1	0	15	14	1	1.0561	1.0562	0.0001	0.9419	0.9418	0.0001
2023-11-03T10:58:57	1	0	16	16	0	1.0454	1.0453	-0.0001	0.9998	0.9998	0.0000
2023-11-03T11:00:39	3	0	1	0	1	1.0173	null	null	0.9791	0.979	0.0001
2023-11-03T11:00:50	1	0	71	70	1	1.0537	1.0536	-0.0001	0.9838	0.9837	0.0001
2023-11-03T11:00:58	1	0	38	39	-1	1.0491	1.0489	-0.0002	0.9945	0.9944	0.0001
2023-11-03T11:01:10	1	0	67	63	4	1.0612	1.0573	-0.0038	0.9483	0.9466	0.0017
2023-11-03T11:04:08	1	0	6	6	0	1.0495	1.0495	0.0000	-0.9899	-0.9899	0.0000
2023-11-03T11:05:30	1	0	61	59	2	1.0564	1.0563	0.0000	0.9946	0.9946	0.0000
2023-11-03T11:06:18	3	0	7	7	0	1.0468	1.0465	-0.0003	0.9865	0.9859	0.0006
2023-11-03T11:06:45	1	0	1	1	0	1.0306	1.0302	-0.0004	-0.9985	-0.9984	-0.0001
2023-11-03T11:07:48	1	0	8	8	0	1.0107	1.0106	-0.0001	0.9946	0.9945	0.0001
2023-11-03T11:08:36	1	0	277	276	1	1.0606	1.0606	0.0000	-0.9785	-0.9784	-0.0001

2023-11-03T11:09:52	1	0	113	113	0	1.0570	1.0569	0.0000	0.979	0.9782	0.0008
2023-11-03T11:10:10	1	0	5	4	1	1.0567	1.0559	-0.0008	-0.9971	-0.9971	0.0000
2023-11-03T11:11:07	3	0	1	0	1	1.0254	null	null	-0.9906	-0.991	0.0004
2023-11-03T11:12:09	1	0	2	2	0	1.0572	1.0569	-0.0003	0.9948	0.9945	0.0003
2023-11-03T11:12:10	1	0	2	2	0	1.0774	1.0768	-0.0006	-0.9968	-0.9969	0.0001
2023-11-03T11:12:43	4	0	1	1	0	0.9921	0.9935	0.0014	-0.9858	-0.9854	-0.0004
2023-11-03T11:13:27	1	0	13	13	0	1.0275	1.0275	0.0000	0.9657	0.9655	0.0002
2023-11-03T11:15:15	1	0	15	13	2	1.0537	1.0539	0.0002	0.9753	0.9752	0.0001
2023-11-03T11:15:59	8	0	44	44	0	1.0500	1.0498	-0.0002	0.9951	0.9949	0.0002
2023-11-03T11:16:08	3	0	2	2	0	0.9736	0.9728	-0.0008	0.9862	0.9859	0.0003
2023-11-03T11:16:11	1	0	1	1	0	0.9961	0.9967	0.0006	0.9462	0.97	-0.0238
2023-11-03T11:16:21	1	0	13	13	0	1.0387	1.0386	-0.0001	0.9983	0.9982	0.0001
2023-11-03T11:17:08	6	0	1	0	1	1.0367	null	null	-0.9897	-0.9901	0.0004
2023-11-03T11:17:33	1	0	25	25	0	1.0353	1.0353	0.0000	0.995	0.9949	0.0001
2023-11-03T11:17:47	1	0	3	2	1	0.9962	1.0285	0.0322	0.9834	0.9835	-0.0001
2023-11-03T11:17:49	4	0	33	32	1	1.0493	1.0492	-0.0002	0.9798	0.9798	0.0000
2023-11-03T11:17:58	3	0	9	9	0	1.0485	1.0484	-0.0001	-0.9533	-0.9536	0.0003
2023-11-03T11:18:32	1	0	115	115	0	1.0536	1.0536	0.0000	0.999	0.999	0.0000
2023-11-03T11:18:58	1	0	72	69	3	1.0572	1.0572	-0.0001	-0.9989	-0.9989	0.0000
2023-11-03T11:19:09	2	0	18	17	1	1.0514	1.0511	-0.0003	-0.9884	-0.9885	0.0001
2023-11-03T11:19:13	1	0	3	3	0	1.0718	1.0717	-0.0002	0.983	0.983	0.0000
2023-11-03T11:19:22	1	0	2	2	0	1.0333	1.0332	-0.0002	-0.9979	-0.9979	0.0000
2023-11-03T11:19:43	1	0	8	8	0	1.0544	1.0541	-0.0003	0.9977	0.9976	0.0001
2023-11-03T11:20:32	2	0	5	5	0	1.0514	1.0512	-0.0001	-0.7988	-0.7999	0.0011
2023-11-03T11:20:56	1	0	2	2	0	1.0401	1.0401	0.0000	-0.9996	-0.9996	0.0000
2023-11-03T11:21:55	1	0	4	4	0	1.0099	1.0100	0.0001	-0.9977	-0.9977	0.0000
2023-11-03T11:22:57	3	0	170	170	0	0.9142	0.9146	0.0004	0.939	0.9397	-0.0007
2023-11-03T11:23:10	2	0	20	19	1	1.0509	1.0503	-0.0005	0.9916	0.9914	0.0002
2023-11-03T11:23:37	4	0	392	385	7	1.0623	1.0623	0.0000	-0.9778	-0.9779	0.0001
2023-11-03T11:28:09	1	0	86	82	4	1.0491	1.0487	-0.0004	-0.9999	-0.9999	0.0000
2023-11-03T11:29:48	2	0	254	247	7	1.0619	1.0619	0.0000	-0.9139	-0.9151	0.0012
2023-11-03T11:29:56	1	0	38	39	-1	1.0547	1.0545	-0.0001	0.9969	0.9969	0.0000
2023-11-03T11:30:03	1	0	1	1	0	1.0317	1.0317	0.0000	-1	-1	0.0000
2023-11-03T11:30:52	1	0	84	82	2	1.0550	1.0549	0.0000	0.9843	0.9843	0.0000
2023-11-03T11:31:12	5	0	1	0	1	1.0469	null	null	0.971	0.9694	0.0016
2023-11-03T11:31:17	1	0	1	1	0	1.0241	1.0241	0.0000	0.9866	0.9866	0.0000
2023-11-03T11:31:35	1	0	2	2	0	1.0559	1.0558	-0.0002	0.9989	0.9988	0.0001
2023-11-03T11:31:58	2	0	5	5	0	1.0365	1.0365	0.0000	0.9889	0.9886	0.0003
2023-11-03T11:32:08	3	0	1	1	0	1.0665	1.0665	0.0000	0.9793	0.9795	-0.0002
2023-11-03T11:32:09	1	0	396	396	0	1.0608	1.0608	0.0000	0.9902	0.9903	-0.0001
2023-11-03T11:32:26	1	0	38	37	1	1.0491	1.0489	-0.0002	-0.9729	-0.9728	-0.0001
2023-11-03T11:32:34	2	0	8	8	0	1.0462	1.0462	0.0000	0.9962	0.996	0.0002
2023-11-03T11:32:50	4	0	38	38	0	1.0508	1.0508	0.0000	0.9798	0.9798	0.0000
2023-11-03T11:32:55	2	0	97	3	94	0.9105	1.0304	0.1199	0.955	0.9567	-0.0017
2023-11-03T11:33:31	1	0	5	4	1	1.0551	1.0535	-0.0016	0.9779	0.9778	0.0001
2023-11-03T11:34:00	2	0	4	3	1	1.0523	1.0491	-0.0033	0.9644	0.9638	0.0006
2023-11-03T11:34:13	1	0	4	4	0	1.0504	1.0504	0.0000	0.9986	0.9986	0.0000
2023-11-03T11:34:26	1	0	4	4	0	1.0386	1.0386	0.0000	-0.9999	-0.9999	0.0000
2023-11-03T11:34:45	1	0	56	55	1	1.0488	1.0487	-0.0001	0.988	0.988	0.0000
2023-11-03T11:35:31	3	0	24	22	2	1.0451	1.0426	-0.0025	0.9965	0.9964	0.0001
2023-11-03T11:37:50	2	0	7	8	-1	1.0084	1.0079	-0.0005	0.9925	0.9924	0.0001
2023-11-03T11:38:00	1	0	14	14	0	1.0442	1.0440	-0.0003	0.9952	0.9951	0.0001
2023-11-03T11:38:37	3	0	13	12	1	1.0290	1.0287	-0.0003	0.9964	0.9964	0.0000
2023-11-03T11:41:18	1	0	7	7	0	1.0228	1.0227	0.0000	0.9592	0.9641	-0.0049
2023-11-03T11:41:44	1	0	270	270	0	1.0799	1.0799	0.0000	-0.9962	-0.9962	0.0000
2023-11-03T11:42:08	2	0	2	2	0	0.9959	0.9951	-0.0009	0.9928	0.9927	0.0001
2023-11-03T11:43:30	2	0	41	40	1	1.0519	1.0518	-0.0001	0.9996	0.9996	0.0000
2023-11-03T11:43:52	1	0	146	146	0	1.0568	1.0568	0.0000	0.9929	0.9929	0.0000
2023-11-03T11:45:08	1	0	8	9	-1	1.0369	1.0366	-0.0003	0.9927	0.9927	0.0000
2023-11-03T11:45:53	1	0	86	84	2	1.0552	1.0552	0.0000	0.9829	0.9829	0.0000
2023-11-03T11:46:26	1	0	6	6	0	1.0425	1.0425	0.0000	0.9969	0.9969	0.0000
2023-11-03T11:46:34	5	0	24	24	0	1.0423	1.0425	0.0003	-0.9996	-0.9996	0.0000
2023-11-03T11:46:59	2	0	5	5	0	1.0362	1.0362	0.0000	0.9888	0.9886	0.0002
2023-11-03T11:47:09	3	0	2	2	0	1.0534	1.0534	0.0000	0.9809	0.9813	-0.0004
2023-11-03T11:47:10	1	0	543	543	0	1.0617	1.0617	0.0000	0.9923	0.9924	-0.0001
2023-11-03T11:47:17	13	0	1	0	1	1.0553	null	null	-0.9866	-0.9864	-0.0002
2023-11-03T11:47:51	6	0	53	51	2	1.0519	1.0517	-0.0002	0.9785	0.9784	0.0001
2023-11-03T11:47:56	2	0	97	97	0	0.9196	0.9251	0.0055	0.9581	0.9586	-0.0005
2023-11-03T11:49:11	11	0	1	2	-1	0.9363	0.9404	0.0041	-0.999	-0.999	0.0000
2023-11-03T11:49:16	1	0	12	12	0	1.0479	1.0473	-0.0006	0.9987	0.9987	0.0000
2023-11-03T11:50:18	2	0	26	26	0	1.0542	1.0542	0.0000	0.9976	0.9978	-0.0002
2023-11-03T11:55:38	1	0	6	6	0	1.0463	1.0463	-0.0001	0.9989	0.9989	0.0000
2023-11-03T11:56:19	2	0	68	68	0	0.9551	0.9551	0.0001	0.9526	0.9561	-0.0035
2023-11-03T11:56:45	1	0	240	240	0	1.0739	1.0739	0.0000	-0.9958	-0.9958	0.0000
2023-11-03T11:58:02	2	0	18	16	2	1.0476	1.0465	-0.0011	0.9983	0.9983	0.0000
2023-11-03T11:58:50	1	0	3	3	0	1.0253	1.0252	-0.0001	0.9907	0.9906	0.0001
2023-11-03T11:58:53	1	0	168	168	0	1.0571	1.0571	0.0000	0.9912	0.9912	0.0000
2023-11-03T12:00:05	1	0	2	2	0	1.0342	1.0342	0.0000	-0.9997	-0.9997	0.0000
2023-11-03T12:01:13	2	0	45	45	0	1.0634	1.0634	0.0000	0.9828	0.9829	-0.0001
2023-11-03T12:01:19	5	0	61	61	0	1.0646	1.0643	-0.0002	0.9737	0.974	-0.0003
2023-11-03T12:02:10	3	0	4	4	0	1.0491	1.0491	0.0000	0.9786	0.9792	-0.0006
2023-11-03T12:02:52	4	0	50	49	1	1.0521	1.0520	-0.0001	0.9781	0.9781	0.0000
2023-11-03T12:03:20	2	0	14	12	2	1.0406	1.0369	-0.0037	0.9667	0.9652	0.0015
2023-11-03T12:03:33	1	0	6	6	0	1.0475	1.0475	0.0000	0.9684	0.9684	0.0000
2023-11-03T12:04:02	2	0	9	9	0	1.0524	1.0523	-0.0001	0.9686	0.9689	-0.0003

2023-11-03T12:04:12	11	0	7	8	-1	0.9414	0.9416	0.0002	-0.9999	-0.9999	0.0000
2023-11-03T12:04:28	1	0	4	4	0	1.0402	1.0402	0.0000	-0.9995	-0.9995	0.0000
2023-11-03T12:05:33	3	0	31	31	0	1.0371	1.0369	-0.0002	0.9986	0.9991	-0.0005
2023-11-03T12:11:46	1	0	274	274	0	1.0768	1.0768	0.0000	-0.9924	-0.9924	0.0000
2023-11-03T12:12:10	8	0	4	5	-1	1.0164	1.0194	0.0030	0.9956	0.9956	0.0000
2023-11-03T12:13:03	1	0	19	18	1	1.0458	1.0453	-0.0005	0.9978	0.9978	0.0000
2023-11-03T12:16:28	1	0	8	8	0	1.0394	1.0394	0.0000	0.9914	0.9914	0.0000
2023-11-03T12:17:10	1	0	10	10	0	1.0357	1.0357	0.0000	0.9891	0.9889	0.0002
2023-11-03T12:19:18	1	0	20	20	0	1.0520	1.0520	0.0000	0.9992	0.9992	0.0000
2023-11-03T12:21:03	2	0	12	11	1	1.0485	1.0487	0.0003	0.9999	0.9999	0.0000
2023-11-03T12:28:04	1	0	38	34	4	1.0494	1.0485	-0.0009	0.999	0.999	0.0000
2023-11-03T12:28:33	4	0	58	57	1	1.0548	1.0547	-0.0001	1	1	0.0000
2023-11-03T12:29:52	1	0	57	56	1	1.0501	1.0499	-0.0002	-0.9931	-0.9931	0.0000
2023-11-03T12:44:07	1	0	22	21	1	1.0521	1.0520	-0.0002	-1	-1	0.0000
2023-11-03T12:45:08	1	0	3	3	0	1.0301	1.0301	0.0000	-0.9996	-0.9997	0.0001
2023-11-03T12:48:43	1	0	1	1	0	1.0376	1.0376	0.0000	1	1	0.0000
2023-11-03T12:49:59	2	0	57	51	6	1.0568	1.0566	-0.0002	0.9989	0.999	-0.0001
2023-11-03T12:56:24	1	0	4	4	0	0.9504	0.9505	0.0001	0.9619	0.9587	0.0032
2023-11-03T12:58:54	1	0	2	2	0	1.0273	1.0271	-0.0002	0.9922	0.9922	0.0000
2023-11-03T13:00:47	3	0	1	1	0	0.9445	0.9448	0.0003	0.9503	0.9505	-0.0002
2023-11-03T13:02:54	2	0	7	6	1	1.0206	1.0335	0.0129	0.9738	0.9736	0.0002
2023-11-03T13:04:05	1	0	266	267	-1	1.0612	1.0612	0.0000	-0.9897	-0.9894	-0.0003
2023-11-03T13:08:44	2	0	133	135	-2	1.0551	1.0551	0.0000	-0.9847	-0.9845	-0.0002
2023-11-03T13:16:07	1	0	5	6	-1	1.0490	1.0484	-0.0006	0.997	0.9971	-0.0001
2023-11-03T13:16:35	2	0	54	53	1	0.9393	0.9394	0.0000	0.9084	0.9084	0.0000
2023-11-03T13:17:24	9	0	1	1	0	1.0562	1.0560	-0.0002	-0.9848	-0.9845	-0.0003
2023-11-03T13:20:22	1	0	20	19	1	1.0498	1.0493	-0.0005	0.9838	0.9839	-0.0001
2023-11-03T13:23:45	1	0	156	156	0	1.0563	1.0563	0.0000	-0.9822	-0.9822	0.0000
2023-11-03T13:28:17	1	0	200	196	4	1.0539	1.0537	-0.0002	-0.9987	-0.9987	0.0000
2023-11-03T13:31:25	1	0	2	3	-1	1.0222	1.0241	0.0019	0.9839	0.9841	-0.0002
2023-11-03T13:32:42	2	0	17	17	0	1.0500	1.0499	-0.0001	0.9974	0.9975	-0.0001
2023-11-03T13:32:58	2	0	65	64	1	1.0541	1.0540	0.0000	0.9771	0.9771	0.0000
2023-11-03T13:34:07	1	0	267	268	-1	1.0626	1.0625	0.0000	-0.9897	-0.9893	-0.0004
2023-11-03T13:34:08	3	0	9	9	0	0.9895	0.9896	0.0001	0.9613	0.9616	-0.0003
2023-11-03T13:35:02	2	0	16	16	0	1.0489	1.0486	-0.0003	0.9986	0.9987	-0.0001
2023-11-03T13:43:04	1	0	5	5	0	1.0338	1.0335	-0.0002	-0.9957	-0.9957	0.0000
2023-11-03T13:43:57	1	0	3	4	-1	1.0289	1.0289	0.0000	0.9918	0.9919	-0.0001
2023-11-03T13:47:16	1	0	13	12	1	1.0352	1.0357	0.0004	0.9889	0.9885	0.0004
2023-11-03T13:47:18	1	0	426	426	0	1.0608	1.0608	0.0000	0.9919	0.9919	0.0000
2023-11-03T13:48:47	1	0	1	1	0	1.0397	1.0397	0.0000	-1	-0.9999	-0.0001
2023-11-03T13:58:58	1	0	9	9	0	1.0482	1.0482	0.0000	0.9596	0.9595	0.0001
2023-11-03T14:02:19	1	0	464	464	0	1.0606	1.0606	0.0000	0.9929	0.9929	0.0000
2023-11-03T14:02:38	1	0	61	61	0	1.0526	1.0526	0.0000	-0.966	-0.9659	-0.0001
2023-11-03T14:03:00	4	0	46	45	1	1.0542	1.0541	0.0000	0.9761	0.9761	0.0000
2023-11-03T14:03:31	2	0	7	8	-1	1.0386	1.0267	-0.0119	0.977	0.977	0.0000
2023-11-03T14:04:09	1	0	319	324	-5	1.0624	1.0624	0.0000	-0.9878	-0.9873	-0.0005
2023-11-03T14:04:10	1	0	1	1	0	1.0553	1.0550	-0.0003	0.9644	0.9644	0.0000
2023-11-03T14:05:04	7	0	6	8	-2	1.0526	1.0531	0.0005	0.9987	0.9987	0.0000
2023-11-03T14:05:41	2	0	8	8	0	1.0365	1.0364	-0.0001	0.9841	0.984	0.0001
2023-11-03T14:05:55	2	0	26	25	1	1.0510	1.0507	-0.0004	-1	-1	0.0000
2023-11-03T14:06:10	2	0	3	3	0	1.0502	1.0500	-0.0003	0.9999	0.9999	0.0000
2023-11-03T14:06:31	4	0	12	13	-1	1.0469	1.0468	0.0000	0.9902	0.9904	-0.0002
2023-11-03T14:07:06	2	0	5	6	-1	1.0471	1.0486	0.0015	-0.989	-0.9889	-0.0001
2023-11-03T14:08:26	3	0	1	2	-1	1.0326	1.0324	-0.0002	0.9968	0.9969	-0.0001
2023-11-03T14:08:48	11	0	165	160	5	1.0568	1.0568	0.0000	-0.9521	-0.9522	0.0001
2023-11-03T14:10:47	3	0	6	6	0	1.0561	1.0557	-0.0004	0.9997	0.9997	0.0000
2023-11-03T14:11:29	1	0	1	1	0	1.0256	1.0240	-0.0016	0.9502	0.9611	-0.0109
2023-11-03T14:11:45	1	0	7	8	-1	1.0234	1.0256	0.0023	0.9641	0.9641	0.0000
2023-11-03T14:11:47	1	0	2	2	0	1.0382	1.0382	0.0000	0.9968	0.9968	0.0000
2023-11-03T14:12:18	2	0	2	2	0	1.0007	1.0004	-0.0002	0.9956	0.9954	0.0002
2023-11-03T14:12:20	1	0	3	3	0	1.0354	1.0353	-0.0001	0.9798	0.9799	-0.0001
2023-11-03T14:12:23	1	0	1	2	-1	1.0860	1.0706	-0.0154	0.9891	0.9891	0.0000
2023-11-03T14:12:34	1	0	2	2	0	0.9405	0.9408	0.0003	0.9985	0.9985	0.0000
2023-11-03T14:13:59	1	0	5	5	0	1.0312	1.0310	-0.0002	0.9923	0.9926	-0.0003
2023-11-03T14:13:59	1	0	1	1	0	1.0598	1.0596	-0.0002	0.9493	0.9492	0.0001
2023-11-03T14:14:10	1	0	2	2	0	1.0233	1.0233	0.0000	0.9897	0.9897	0.0000
2023-11-03T14:16:11	1	0	1	1	0	1.0556	1.0556	0.0000	0.9914	0.9915	-0.0001
2023-11-03T14:16:22	2	0	45	45	0	0.9336	0.9336	0.0000	0.9824	0.9823	0.0001
2023-11-03T14:16:28	1	0	2	2	0	1.0284	1.0283	-0.0001	0.9844	0.9844	0.0000
2023-11-03T14:17:18	1	0	10	10	0	1.0413	1.0413	0.0000	0.9898	0.9896	0.0002
2023-11-03T14:17:20	1	0	573	573	0	1.0616	1.0616	0.0000	0.9939	0.9939	0.0000
2023-11-03T14:17:39	1	0	80	80	0	1.0543	1.0542	0.0000	-0.9628	-0.9628	0.0000
2023-11-03T14:17:41	3	0	1	1	0	1.0181	1.0152	-0.0029	0.9566	0.9561	0.0005
2023-11-03T14:18:01	5	0	119	112	7	1.0551	1.0550	-0.0001	0.9764	0.9763	0.0001
2023-11-03T14:18:06	1	0	97	97	0	0.9168	0.9169	0.0001	0.9552	0.9553	-0.0001
2023-11-03T14:19:11	5	0	8	9	-1	0.9863	0.9945	0.0081	0.9603	0.9614	-0.0011
2023-11-03T14:19:27	1	0	12	11	1	1.0479	1.0481	0.0002	0.9989	0.9989	0.0000
2023-11-03T14:19:37	1	0	1	1	0	1.0379	1.0379	0.0000	-0.9919	-0.9919	0.0000
2023-11-03T14:19:37	1	0	1	1	0	1.0339	1.0338	-0.0001	0.9994	0.9994	0.0000
2023-11-03T14:20:23	4	0	13	13	0	1.0495	1.0493	-0.0002	0.9988	0.9988	0.0000
2023-11-03T14:20:27	8	0	13	13	0	1.0484	1.0482	-0.0002	0.9853	0.9849	0.0004
2023-11-03T14:20:29	2	0	106	106	0	1.0585	1.0583	-0.0002	-0.9915	-0.9917	0.0002
2023-11-03T14:20:42	2	0	11	11	0	1.0399	1.0398	0.0000	0.9838	0.9838	0.0000
2023-11-03T14:20:56	5	0	48	45	3	1.0538	1.0536	-0.0002	-0.9974	-0.9976	0.0002
2023-11-03T14:21:11	2	0	6	6	0	1.0463	1.0463	0.0000	1	1	0.0000

2023-11-03T14:21:32	2	0	18	17	1	1.0471	1.0470	0.0000	0.9909	0.9908	0.0001
2023-11-03T14:22:07	1	0	3	3	0	1.0424	1.0422	-0.0002	-0.9908	-0.9908	0.0000
2023-11-03T14:22:54	1	0	21	21	0	1.0595	1.0594	-0.0001	0.9734	0.9731	0.0003
2023-11-03T14:23:49	9	0	224	220	4	1.0586	1.0586	0.0000	-0.9551	-0.9551	0.0000
2023-11-03T14:25:28	2	0	9	9	0	1.0557	1.0553	-0.0004	0.9861	0.9861	0.0000
2023-11-03T14:25:48	5	0	4	5	-1	1.0436	1.0377	-0.0059	0.9994	0.9994	0.0000
2023-11-03T14:26:32	1	0	7	7	0	1.0191	1.0191	0.0000	0.9933	0.9933	0.0000
2023-11-03T14:27:22	1	0	3	3	0	1.0348	1.0345	-0.0003	0.9811	0.981	0.0001
2023-11-03T14:27:24	2	0	12	12	0	1.0521	1.0520	-0.0001	0.9904	0.9903	0.0001
2023-11-03T14:27:35	2	0	1	1	0	0.9437	0.9438	0.0001	0.9986	0.9985	0.0001
2023-11-03T14:29:00	1	0	3	3	0	1.0545	1.0545	-0.0001	0.9478	0.9477	0.0001
2023-11-03T14:29:42	3	0	4	4	0	1.0514	1.0514	0.0000	-0.8983	-0.898	-0.0003
2023-11-03T14:30:00	1	0	48	48	0	1.0485	1.0485	0.0000	-0.9975	-0.9975	0.0000
2023-11-03T14:30:08	1	0	18	18	0	1.0546	1.0545	0.0000	0.9975	0.9975	0.0000
2023-11-03T14:31:23	2	0	46	45	1	0.9393	0.9332	-0.0061	0.9825	0.9825	0.0000
2023-11-03T14:31:29	1	0	4	4	0	1.0230	1.0230	-0.0001	0.9771	0.977	0.0001
2023-11-03T14:32:22	1	0	567	566	1	1.0615	1.0615	0.0000	0.9945	0.9945	0.0000
2023-11-03T14:32:40	1	0	89	88	1	1.0552	1.0551	0.0000	-0.9663	-0.9664	0.0001
2023-11-03T14:32:46	3	0	45	44	1	1.0436	1.0436	-0.0001	0.9987	0.9987	0.0000
2023-11-03T14:33:02	5	0	221	204	17	1.0557	1.0556	-0.0001	0.9758	0.9757	0.0001
2023-11-03T14:33:07	1	0	96	95	1	0.9072	0.9075	0.0002	0.9554	0.9555	-0.0001
2023-11-03T14:33:33	3	0	17	11	6	1.0517	1.0493	-0.0024	0.9655	0.9652	0.0003
2023-11-03T14:33:44	2	0	6	6	0	1.0487	1.0486	-0.0001	0.9664	0.9657	0.0007
2023-11-03T14:34:11	1	0	303	303	0	1.0624	1.0624	0.0000	-0.9882	-0.9882	0.0000
2023-11-03T14:34:38	1	0	1	1	0	1.0319	1.0319	0.0000	0.9986	0.9986	0.0000
2023-11-03T14:35:28	7	0	13	13	0	1.0494	1.0492	-0.0001	0.9851	0.9849	0.0002
2023-11-03T14:35:30	2	0	117	117	0	1.0583	1.0581	-0.0002	-0.9908	-0.991	0.0002
2023-11-03T14:35:35	3	0	4	4	0	1.0543	1.0540	-0.0003	0.9978	0.9978	0.0000
2023-11-03T14:35:43	2	0	9	9	0	1.0353	1.0353	0.0000	0.9836	0.9835	0.0001
2023-11-03T14:35:44	1	0	56	53	3	1.0577	1.0577	0.0000	0.9906	0.9905	0.0001
2023-11-03T14:36:05	11	0	22	22	0	1.0514	1.0512	-0.0003	-1	1	0.0000
2023-11-03T14:36:12	2	0	3	3	0	1.0508	1.0507	-0.0001	0.9995	0.9995	0.0000
2023-11-03T14:36:29	2	0	6	1	5	1.0472	1.0450	-0.0022	-0.9987	-0.9989	0.0002
2023-11-03T14:36:33	4	0	25	25	0	1.0447	1.0445	-0.0002	0.9905	0.9899	0.0006
2023-11-03T14:37:08	1	0	5	5	0	1.0464	1.0463	-0.0001	-0.9891	-0.9891	0.0000
2023-11-03T14:37:41	2	0	5	6	-1	1.0272	1.0318	0.0046	0.9955	0.9956	-0.0001
2023-11-03T14:37:55	1	0	15	15	0	1.0597	1.0597	0.0000	0.9726	0.9727	-0.0001
2023-11-03T14:38:02	2	0	6	6	0	1.0071	1.0070	0.0000	0.9822	0.9821	0.0001
2023-11-03T14:38:28	3	0	1	1	0	1.0330	1.0326	-0.0004	0.9969	0.9968	0.0001
2023-11-03T14:38:50	6	0	246	244	2	1.0589	1.0589	0.0000	-0.9536	-0.9535	-0.0001
2023-11-03T14:40:29	1	0	4	4	0	1.0548	1.0547	0.0000	0.9829	0.9829	0.0000
2023-11-03T14:40:49	3	0	5	5	0	1.0608	1.0607	-0.0002	0.9999	0.9996	0.0003
2023-11-03T14:42:20	2	0	2	2	0	1.0001	0.9997	-0.0004	0.9965	0.9965	0.0000
2023-11-03T14:42:25	2	0	12	12	0	1.0516	1.0516	0.0000	0.9915	0.9914	0.0001
2023-11-03T14:43:44	1	0	4	4	0	1.0367	1.0365	-0.0002	0.9765	0.9763	0.0002
2023-11-03T14:44:01	1	0	4	4	0	1.0461	1.0461	0.0000	0.9486	0.9486	0.0000
2023-11-03T14:44:43	3	0	5	5	0	1.0452	1.0452	0.0000	-0.8957	-0.8955	-0.0002
2023-11-03T14:45:01	1	0	100	99	1	1.0571	1.0571	0.0000	-0.8925	-0.8921	-0.0004
2023-11-03T14:45:09	2	0	19	19	0	1.0542	1.0542	-0.0001	0.9979	0.9979	0.0000
2023-11-03T14:45:16	1	0	1	1	0	1.0232	1.0231	-0.0001	-0.9996	-0.9997	0.0001
2023-11-03T14:46:13	1	0	1	1	0	1.0561	1.0558	-0.0003	0.9915	0.9914	0.0001
2023-11-03T14:46:30	1	0	44	37	7	1.0579	1.0564	-0.0015	0.9023	0.9399	-0.0376
2023-11-03T14:47:43	4	0	1	1	0	1.0157	1.0142	-0.0015	0.9723	0.9717	0.0006
2023-11-03T14:47:47	2	0	35	35	0	1.0395	1.0395	0.0000	0.9977	0.9978	-0.0001
2023-11-03T14:48:01	1	0	6	6	0	1.0274	1.0274	0.0000	0.9764	0.9765	-0.0001
2023-11-03T14:49:29	1	0	12	12	0	1.0486	1.0486	0.0000	0.9994	0.9994	0.0000
2023-11-03T14:50:35	5	0	20	19	1	1.0512	1.0506	-0.0006	0.9991	0.9991	0.0000
2023-11-03T14:53:13	1	0	26	26	0	1.0492	1.0491	0.0000	0.9949	0.9949	0.0000
2023-11-03T14:56:22	1	0	1	1	0	1.0380	1.0378	-0.0002	-0.9961	-0.9932	-0.0029
2023-11-03T14:56:48	1	0	8	8	0	1.0225	1.0225	0.0000	0.9645	0.9645	0.0000
2023-11-03T14:57:26	1	0	2	2	0	1.0702	1.0701	-0.0002	0.9907	0.9906	0.0001
2023-11-03T14:57:37	2	0	1	1	0	0.9416	0.9417	0.0001	0.9998	0.9998	0.0000
2023-11-03T14:59:02	1	0	7	7	0	1.0314	1.0314	0.0000	0.9928	0.9931	-0.0003
2023-11-03T15:00:10	1	0	16	16	0	1.0536	1.0536	0.0000	0.9977	0.9975	0.0002
2023-11-03T15:01:31	6	0	8	7	1	1.0539	1.0544	0.0005	0.9845	0.9835	0.0010
2023-11-03T15:01:39	1	0	10	10	0	1.0387	1.0387	0.0000	0.996	0.9959	0.0001
2023-11-03T15:03:09	1	0	3	1	2	1.0455	1.0575	0.0120	0.956	0.9555	0.0005
2023-11-03T15:04:14	1	0	2	0	2	1.0573	null	null	0.9584	0.9583	0.0001
2023-11-03T15:05:47	1	0	16	15	1	1.0521	1.0518	-0.0003	-0.7308	-0.7302	-0.0006
2023-11-03T15:07:10	1	0	5	5	0	1.0363	1.0362	-0.0001	-0.9886	-0.9887	0.0001
2023-11-03T15:10:51	1	0	3	3	0	1.0508	1.0507	-0.0001	0.9991	0.9995	-0.0004
2023-11-03T15:11:51	1	0	3	3	0	1.0269	1.0269	0.0000	0.9814	0.9814	0.0000
2023-11-03T15:15:11	1	0	15	15	0	1.0515	1.0515	0.0000	0.9975	0.9975	0.0000
2023-11-03T15:16:34	1	0	58	55	3	1.0589	1.0576	-0.0013	0.9484	0.9495	-0.0011
2023-11-03T15:18:03	1	0	11	11	0	1.0282	1.0281	0.0000	0.9768	0.9769	-0.0001
2023-11-03T15:19:15	2	0	1	2	-1	0.9424	0.9988	0.0565	0.9572	0.9574	-0.0002
2023-11-03T15:20:13	1	0	4	4	0	1.0384	1.0380	-0.0003	-0.9828	-0.9832	0.0004
2023-11-03T15:22:41	2	0	3	4	-1	1.0397	1.0435	0.0038	-0.9996	-0.9996	0.0000
2023-11-03T15:30:12	1	0	15	15	0	1.0516	1.0516	0.0000	0.9978	0.9979	-0.0001
2023-11-03T15:31:35	1	0	2	2	0	1.0439	1.0432	-0.0007	0.9037	0.938	-0.0343
2023-11-03T15:34:16	1	0	1	0	1	1.0607	null	null	0.9644	0.9643	0.0001
2023-11-03T15:36:16	2	0	7	7	0	1.0422	1.0421	-0.0001	-1	-1	0.0000
2023-11-03T15:37:45	1	0	6	6	0	1.0285	1.0284	-0.0001	0.9954	0.9953	0.0001
2023-11-03T15:45:13	1	0	11	11	0	1.0502	1.0502	0.0000	0.9978	0.9979	-0.0001
2023-11-03T15:48:38	1	0	8	8	0	1.0271	1.0274	0.0004	0.9707	0.971	-0.0003

2023-11-03T15:50:48	1	0	20	19	1	1.0450	1.0440	-0.0010	0.9894	0.9926	-0.0032
2023-11-03T15:53:30	3	0	5	5	0	0.9677	0.9666	-0.0011	0.9977	0.9971	0.0006
2023-11-03T15:53:55	2	0	187	185	2	1.0575	1.0575	0.0000	-0.9609	-0.9607	-0.0002
2023-11-03T16:04:18	1	0	5	6	-1	1.0141	1.0025	-0.0116	0.9635	0.9634	0.0001
2023-11-03T16:11:44	1	0	7	7	0	1.0260	1.0258	-0.0001	0.9724	0.9723	0.0001
2023-11-03T16:19:19	2	0	2	3	-1	0.9400	0.9785	0.0385	0.9618	0.9621	-0.0003
2023-11-03T16:26:21	2	0	1	1	0	1.0100	1.0094	-0.0006	0.9619	0.9618	0.0001
2023-11-03T16:32:30	1	0	12	12	0	1.0361	1.0361	0.0000	0.9887	0.9885	0.0002
2023-11-03T16:45:17	1	0	9	10	-1	1.0483	1.0480	-0.0004	0.9983	0.9981	0.0002
2023-11-03T16:48:42	1	0	10	10	0	1.0322	1.0322	-0.0001	0.9838	0.9838	0.0000
2023-11-03T18:10:41	1	0	82	81	1	0.9406	0.9407	0.0001	-0.9988	-0.9988	0.0000
2023-11-04T07:50:44	1	0	15	15	0	0.9445	0.9446	0.0001	-0.9608	-0.9594	-0.0014
2023-11-04T07:55:04	1	0	75	75	0	0.9467	0.9468	0.0001	-0.9879	-0.9878	-0.0001
2023-11-04T08:05:45	1	0	16	16	0	0.9444	0.9444	0.0000	-0.9597	-0.9587	-0.0010
2023-11-04T08:14:03	2	0	3	3	0	1.0284	1.0282	-0.0002	-0.9657	-0.9657	0.0000
2023-11-04T08:18:43	1	0	77	77	0	0.9716	0.9718	0.0002	-1	-1	0.0000
2023-11-04T08:18:53	1	0	64	62	2	0.9344	0.9346	0.0001	0.9568	0.9563	0.0005
2023-11-04T08:19:04	1	0	154	151	3	0.9191	0.9192	0.0001	-0.9994	-0.9994	0.0000
2023-11-04T08:20:46	1	0	33	33	0	0.9425	0.9425	0.0000	-0.9658	-0.9646	-0.0012
2023-11-04T08:22:20	2	0	18	18	0	0.9404	0.9406	0.0003	-0.9984	-0.9984	0.0000
2023-11-04T08:25:39	1	0	102	100	2	1.0568	1.0568	0.0000	1	1	0.0000
2023-11-04T08:29:46	1	0	7	7	0	1.0485	1.0485	0.0000	-0.9997	-0.9997	0.0000
2023-11-04T08:42:53	3	0	88	87	1	0.9410	0.9412	0.0002	-0.9994	-0.9993	-0.0001
2023-11-04T08:48:14	1	0	16	16	0	0.9731	0.9733	0.0002	0.9715	0.9715	0.0000
2023-11-04T09:05:49	1	0	38	38	0	0.9424	0.9424	0.0000	-0.9721	-0.9713	-0.0008
2023-11-04T09:09:47	2	0	3	3	0	1.0270	1.0266	-0.0004	0.9937	0.9935	0.0002
2023-11-04T09:11:07	1	0	1	1	0	1.0271	1.0264	-0.0007	-0.9813	-0.9811	-0.0002
2023-11-04T09:14:07	1	0	3	3	0	1.0286	1.0283	-0.0003	-0.9682	-0.9682	0.0000
2023-11-04T09:14:40	1	0	12	11	1	1.0532	1.0528	-0.0004	-0.9519	-0.952	0.0001
2023-11-04T09:18:16	1	0	12	12	0	1.0307	1.0306	-0.0001	0.9798	0.9797	0.0001
2023-11-04T09:19:08	1	0	75	75	0	0.9281	0.9282	0.0001	-0.9988	-0.9988	0.0000
2023-11-04T09:20:50	1	0	57	57	0	0.9412	0.9412	0.0000	-0.9754	-0.9747	-0.0007
2023-11-04T09:21:04	1	0	14	14	0	1.0482	1.0480	-0.0001	0.9921	0.9921	0.0000
2023-11-04T09:24:34	1	0	3	3	0	1.0219	1.0217	-0.0001	0.9951	0.9951	0.0000
2023-11-04T09:25:24	1	0	2	2	0	1.0143	1.0142	-0.0001	1	0.9998	0.0002
2023-11-04T09:29:41	1	0	47	44	3	1.0558	1.0556	-0.0002	-0.9523	-0.9516	-0.0007
2023-11-04T09:34:09	3	0	129	129	0	0.9184	0.9184	0.0000	-0.9974	-0.9975	0.0001
2023-11-04T09:35:43	1	0	22	22	0	1.0488	1.0488	0.0000	-0.9985	-0.9985	0.0000
2023-11-04T09:36:58	1	0	4	4	0	1.0248	1.0246	-0.0002	-0.9873	-0.9874	0.0001
2023-11-04T09:40:34	1	0	3	3	0	1.0300	1.0298	-0.0002	0.9978	0.9977	0.0001
2023-11-04T09:41:14	3	0	649	657	-8	0.8617	0.8639	0.0022	0.9058	0.9049	0.0009
2023-11-04T09:46:09	1	0	1	1	0	0.8701	0.8704	0.0003	0.9979	0.9979	0.0000
2023-11-04T09:46:15	1	0	3	3	0	1.0194	1.0192	-0.0002	0.9901	0.99	0.0001
2023-11-04T09:47:30	1	0	11	11	0	1.0299	1.0299	-0.0001	-0.9996	-0.9996	0.0000
2023-11-04T09:47:48	2	0	4	3	1	1.0211	1.0152	-0.0059	0.9912	0.9912	0.0000
2023-11-04T09:48:22	1	0	3	3	0	1.0330	1.0326	-0.0005	0.9674	0.9673	0.0001
2023-11-04T09:49:10	1	0	159	159	0	0.9117	0.9117	0.0000	-0.9981	-0.998	-0.0001
2023-11-04T09:50:52	1	0	53	53	0	0.9416	0.9416	0.0000	-0.9777	-0.977	-0.0007
2023-11-04T09:51:06	1	0	18	18	0	1.0501	1.0499	-0.0002	0.9906	0.9905	0.0001
2023-11-04T09:51:09	1	0	2	2	0	0.9708	0.9710	0.0001	0.9939	0.9941	-0.0002
2023-11-04T09:55:26	1	0	2	2	0	1.0181	1.0178	-0.0004	1	1	0.0000
2023-11-04T09:59:32	3	0	3	4	-1	1.0280	1.0071	-0.0209	-0.9959	-0.9961	0.0002
2023-11-04T09:59:43	1	0	19	19	0	1.0543	1.0543	0.0000	-0.9503	-0.9503	0.0000
2023-11-04T10:02:31	1	0	12	12	0	1.0278	1.0277	-0.0001	-0.9995	-0.9994	-0.0001
2023-11-04T10:03:19	1	0	13	11	2	0.9699	0.9738	0.0039	0.971	0.9711	-0.0001
2023-11-04T10:03:23	1	0	1	1	0	1.0284	1.0278	-0.0006	0.9684	0.9687	-0.0003
2023-11-04T10:03:50	1	0	6	6	0	1.0151	1.0149	-0.0001	1	1	0.0000
2023-11-04T10:05:18	2	0	3	1	2	1.0537	1.0468	-0.0069	-0.9973	-0.9977	0.0004
2023-11-04T10:05:33	2	0	2	2	0	1.0412	1.0409	-0.0004	0.9984	0.9984	0.0000
2023-11-04T10:05:35	1	0	4	4	0	1.0508	1.0502	-0.0006	-0.8587	-0.859	0.0003
2023-11-04T10:05:53	1	0	17	13	4	0.9440	0.9445	0.0005	-0.969	-0.9677	-0.0013
2023-11-04T10:05:56	9	0	4	4	0	0.9986	0.9979	-0.0008	-0.9987	-0.9989	0.0002
2023-11-04T10:06:07	2	0	16	16	0	1.0484	1.0479	-0.0005	0.9908	0.9906	0.0002
2023-11-04T10:07:07	1	0	1	1	0	0.9439	0.9442	0.0003	0.8494	0.85	-0.0006
2023-11-04T10:07:20	2	0	7	7	0	1.0250	1.0249	-0.0001	0.9999	0.9999	0.0000
2023-11-04T10:07:27	2	0	22	15	7	0.9298	0.9308	0.0010	-0.9999	-0.9999	0.0000
2023-11-04T10:09:37	1	0	3	3	0	1.0193	1.0191	-0.0002	0.9953	0.9953	0.0000
2023-11-04T10:10:24	1	0	9	9	0	1.0122	1.0121	-0.0001	-0.9909	-0.9909	0.0000
2023-11-04T10:10:27	2	0	2	2	0	1.0398	1.0388	-0.0010	1	0.9998	0.0002
2023-11-04T10:10:46	2	0	60	53	7	1.0558	1.0557	-0.0002	1	0.9999	0.0001
2023-11-04T10:11:16	1	0	7	7	0	1.0205	1.0203	-0.0002	0.9653	0.965	0.0003
2023-11-04T10:11:20	1	0	6	6	0	1.0177	1.0176	-0.0001	-0.9986	-0.9986	0.0000
2023-11-04T10:11:40	1	0	3	3	0	1.0234	1.0233	-0.0001	0.9877	0.9876	0.0001
2023-11-04T10:12:46	2	0	1	1	0	0.9924	0.9929	0.0005	-0.9892	-0.9891	-0.0001
2023-11-04T10:14:11	3	0	11	10	1	1.0442	1.0427	-0.0015	-0.9592	-0.9604	0.0012
2023-11-04T10:14:44	1	0	42	41	1	1.0558	1.0550	-0.0008	-0.9465	-0.9462	-0.0003
2023-11-04T10:14:49	1	0	13	13	0	1.0468	1.0467	0.0000	-0.9961	-0.9961	0.0000
2023-11-04T10:14:53	1	0	9	9	0	1.0470	1.0469	-0.0001	1	1	0.0000
2023-11-04T10:16:33	1	0	3	3	0	1.0307	1.0305	-0.0002	-0.9997	-0.9997	0.0000
2023-11-04T10:17:42	4	0	18	18	0	1.0509	1.0503	-0.0006	-0.9996	-0.9997	0.0001
2023-11-04T10:17:54	1	0	3	3	0	1.0239	1.0232	-0.0007	0.9989	0.9989	0.0000
2023-11-04T10:19:01	6	0	92	90	2	0.9342	0.9398	0.0056	0.9519	0.9527	-0.0008
2023-11-04T10:19:12	5	0	77	74	3	0.9237	0.9246	0.0009	-0.9948	-0.9949	0.0001
2023-11-04T10:20:30	1	0	77	75	2	1.0583	1.0583	0.0000	0.9973	0.9972	0.0001
2023-11-04T10:21:11	3	0	2	2	0	0.9707	0.9705	-0.0002	0.9934	0.9933	0.0001

2023-11-04T10:21:15	2	0	3	3	0	1.0307	1.0305	-0.0002	-0.9823	-0.9818	-0.0005
2023-11-04T10:21:20	1	0	4	4	0	1.0474	1.0473	-0.0001	0.9799	0.9797	0.0002
2023-11-04T10:22:01	1	0	5	5	0	1.0320	1.0315	-0.0004	-0.9868	-0.9869	0.0001
2023-11-04T10:23:38	5	0	21	21	0	1.0289	1.0288	-0.0001	-0.9999	-0.9999	0.0000
2023-11-04T10:27:47	2	0	1	1	0	0.9885	0.9891	0.0006	-0.9934	-0.9934	0.0000
2023-11-04T10:28:29	1	0	14	14	0	1.0435	1.0435	0.0000	0.9944	0.9944	0.0000
2023-11-04T10:28:33	1	0	2	1	1	0.9609	0.9442	-0.0167	0.9995	0.9995	0.0000
2023-11-04T10:29:12	2	0	14	13	1	1.0484	1.0484	0.0000	-0.9568	-0.9567	-0.0001
2023-11-04T10:31:16	2	0	53	53	0	0.9672	0.9672	-0.0001	0.9966	0.9966	0.0000
2023-11-04T10:31:18	1	0	2	2	0	0.9814	0.9811	-0.0004	0.9905	0.9904	0.0001
2023-11-04T10:32:13	1	0	87	86	1	1.0551	1.0551	0.0000	0.9846	0.9846	0.0000
2023-11-04T10:33:21	1	0	16	15	1	1.0007	0.9998	-0.0009	0.9764	0.9762	0.0002
2023-11-04T10:34:28	5	0	10	9	1	1.0480	1.0468	-0.0011	-0.9985	-0.9986	0.0001
2023-11-04T10:34:49	3	0	2	2	0	0.9993	0.9997	0.0004	0.9762	0.9765	-0.0003
2023-11-04T10:35:19	4	0	2	1	1	1.0455	1.0451	-0.0004	0.9899	0.9895	0.0004
2023-11-04T10:43:30	1	0	14	14	0	1.0438	1.0438	-0.0001	0.996	0.9959	0.0001
2023-11-04T10:44:13	6	0	20	16	4	1.0520	1.0492	-0.0029	-0.9588	-0.959	0.0002
2023-11-04T10:46:15	1	0	4	4	0	1.0236	1.0235	-0.0001	0.9807	0.9801	0.0006
2023-11-04T10:47:34	1	0	11	10	1	1.0271	1.0242	-0.0028	0.9975	0.9975	0.0000
2023-11-04T10:49:23	1	0	6	6	0	1.0355	1.0354	-0.0001	-0.9762	-0.9762	0.0000
2023-11-04T10:50:33	1	0	71	70	1	1.0586	1.0585	0.0000	0.9949	0.9948	0.0001
2023-11-04T10:50:48	1	0	28	27	1	1.0524	1.0522	-0.0001	-0.9973	-0.9973	0.0000
2023-11-04T10:51:03	2	0	9	8	1	1.0490	1.0480	-0.0010	-0.9982	-0.9982	0.0000
2023-11-04T10:51:10	2	0	19	19	0	1.0510	1.0508	-0.0001	0.9894	0.9892	0.0002
2023-11-04T10:53:14	1	0	1	1	0	1.0578	1.0574	-0.0004	0.9961	0.996	0.0001
2023-11-04T10:55:27	1	0	3	3	0	1.0190	1.0189	-0.0001	-0.9942	-0.9942	0.0000
2023-11-04T10:55:49	1	0	4	4	0	1.0396	1.0394	-0.0002	-0.9999	-0.9999	0.0000
2023-11-04T10:56:40	1	0	9	9	0	1.0204	1.0203	-0.0001	0.9739	0.9739	0.0000
2023-11-04T10:59:14	2	0	32	26	6	1.0462	1.0455	-0.0007	-0.9541	-0.9546	0.0005
2023-11-04T10:59:56	2	0	13	11	2	1.0492	1.0478	-0.0013	-0.9999	-0.9999	0.0000
2023-11-04T11:01:18	1	0	10	10	0	1.0389	1.0388	0.0000	0.9964	0.9964	0.0000
2023-11-04T11:01:55	2	0	11	11	0	1.0441	1.0437	-0.0005	0.9962	0.9961	0.0001
2023-11-04T11:02:53	1	0	3	3	0	1.0266	1.0265	-0.0001	0.9928	0.9927	0.0001
2023-11-04T11:02:55	2	0	35	31	4	1.0521	1.0519	-0.0002	-0.9994	-0.9994	0.0000
2023-11-04T11:03:23	1	0	16	16	0	0.9941	0.9941	0.0000	0.9707	0.9706	0.0001
2023-11-04T11:03:54	1	0	6	6	0	1.0154	1.0153	-0.0001	0.9999	0.9999	0.0000
2023-11-04T11:04:15	3	0	164	164	0	0.9110	0.9112	0.0002	-0.998	-0.9982	0.0002
2023-11-04T11:04:18	1	0	3	3	0	1.0649	1.0647	-0.0002	0.9972	0.9972	0.0000
2023-11-04T11:04:30	1	0	21	21	0	1.0508	1.0507	-0.0001	-0.9982	-0.9982	0.0000
2023-11-04T11:05:34	1	0	87	84	3	1.0586	1.0587	0.0001	0.9951	0.9951	0.0000
2023-11-04T11:05:57	1	0	50	50	0	0.9436	0.9436	0.0000	-0.9748	-0.974	-0.0008
2023-11-04T11:06:00	1	0	8	8	0	1.0464	1.0462	-0.0002	-0.9968	-0.9968	0.0000
2023-11-04T11:06:14	1	0	1	1	0	1.0044	1.0040	-0.0004	0.9934	0.9932	0.0002
2023-11-04T11:06:23	2	0	5	5	0	1.0530	1.0527	-0.0003	0.9824	0.9819	0.0005
2023-11-04T11:07:04	1	0	5	5	0	1.0360	1.0359	0.0000	-0.9858	-0.9858	0.0000
2023-11-04T11:08:47	1	0	113	112	1	1.0548	1.0548	0.0000	-0.9633	-0.963	-0.0003
2023-11-04T11:09:07	1	0	7	7	0	1.0313	1.0312	-0.0001	0.996	0.9959	0.0001
2023-11-04T11:09:55	2	0	5	4	1	1.0404	1.0349	-0.0056	0.9912	0.9906	0.0006
2023-11-04T11:11:20	1	0	140	140	0	1.0589	1.0589	0.0000	0.9521	0.9521	0.0000
2023-11-04T11:14:36	2	0	17	8	9	0.9555	0.9697	0.0142	-0.9984	-0.9979	-0.0005
2023-11-04T11:14:57	1	0	13	13	0	1.0485	1.0485	0.0000	-0.9997	-0.9997	0.0000
2023-11-04T11:16:15	3	0	2	2	0	0.9679	0.9671	-0.0008	0.9976	0.9975	0.0001
2023-11-04T11:17:10	3	0	1	0	1	1.0312	null	null	0.9969	0.9964	0.0005
2023-11-04T11:17:16	1	0	131	130	1	1.0568	1.0568	0.0000	0.9835	0.9835	0.0000
2023-11-04T11:17:54	2	0	4	4	0	1.0302	1.0298	-0.0004	0.9936	0.9936	0.0000
2023-11-04T11:19:16	2	0	80	80	0	0.9231	0.9231	0.0000	-0.9977	-0.9978	0.0001
2023-11-04T11:19:16	1	0	5	5	0	1.0407	1.0406	-0.0001	0.9983	0.9983	0.0000
2023-11-04T11:19:40	1	0	26	25	1	1.0502	1.0499	-0.0003	-0.9981	-0.9982	0.0001
2023-11-04T11:20:58	1	0	9	9	0	0.9452	0.9452	0.0000	-0.9701	-0.9693	-0.0008
2023-11-04T11:21:01	1	0	11	10	1	1.0465	1.0455	-0.0010	-0.9969	-0.9969	0.0000
2023-11-04T11:21:10	2	0	3	3	0	1.0465	1.0459	-0.0006	0.9999	0.9999	0.0000
2023-11-04T11:21:24	1	0	8	8	0	1.0451	1.0450	-0.0001	0.9773	0.9771	0.0002
2023-11-04T11:22:05	1	0	5	5	0	1.0376	1.0375	-0.0001	-0.9847	-0.9847	0.0000
2023-11-04T11:22:22	2	0	23	23	0	1.0511	1.0501	-0.0010	-0.9994	-0.9995	0.0001
2023-11-04T11:25:51	2	0	75	74	1	1.0526	1.0526	0.0000	0.9965	0.9965	0.0000
2023-11-04T11:26:58	3	0	4	4	0	1.0310	1.0308	-0.0003	0.9978	0.9977	0.0001
2023-11-04T11:27:14	2	0	2	2	0	0.9961	0.9952	-0.0010	1	1	0.0000
2023-11-04T11:28:37	1	0	8	8	0	1.0489	1.0489	0.0000	1	1	0.0000
2023-11-04T11:29:58	4	0	19	19	0	1.0501	1.0501	0.0000	-0.9999	-0.9999	0.0000
2023-11-04T11:30:05	1	0	11	11	0	1.0473	1.0473	0.0000	-0.9944	-0.9945	0.0001
2023-11-04T11:30:48	1	0	26	25	1	1.0495	1.0492	-0.0003	0.9976	0.9976	0.0000
2023-11-04T11:31:18	1	0	1	1	0	1.0342	1.0332	-0.0010	0.9161	0.9159	0.0002
2023-11-04T11:32:17	1	0	121	120	1	1.0563	1.0563	0.0000	0.9843	0.9843	0.0000
2023-11-04T11:32:55	2	0	6	5	1	1.0158	1.0315	0.0157	0.9931	0.9932	-0.0001
2023-11-04T11:34:17	1	0	1	1	0	1.0398	1.0398	0.0000	0.9992	0.9992	0.0000
2023-11-04T11:34:50	7	0	8	8	0	1.0521	1.0521	0.0000	-0.9979	-0.9979	0.0000
2023-11-04T11:36:02	13	0	11	9	2	1.0447	1.0439	-0.0007	-0.9965	-0.9965	0.0000
2023-11-04T11:36:14	1	0	1	1	0	1.0114	1.0111	-0.0003	0.987	0.987	0.0000
2023-11-04T11:37:37	2	0	20	20	0	1.0537	1.0537	0.0000	-0.9998	-0.9998	0.0000
2023-11-04T11:38:49	1	0	151	149	2	1.0576	1.0576	0.0000	-0.9582	-0.958	-0.0002
2023-11-04T11:39:43	1	0	1	1	0	1.0257	1.0257	0.0000	0.995	0.9951	-0.0001
2023-11-04T11:40:18	2	0	1	0	1	1.0553	null	null	-0.9947	-0.9948	0.0001
2023-11-04T11:41:46	1	0	2	2	0	1.0303	1.0303	0.0000	0.9898	0.9898	0.0000
2023-11-04T11:43:38	1	0	17	17	0	1.0498	1.0497	0.0000	0.9984	-0.9998	-0.0018
2023-11-04T11:44:59	2	0	21	21	0	1.0501	1.0500	-0.0001	-0.9991	-0.9991	0.0000

2023-11-04T11:45:22	1	0	3	3	0	0.9658	0.9656	-0.0001	0.9926	0.9926	0.0000
2023-11-04T11:46:19	1	0	24	18	6	0.9420	0.9442	0.0022	0.9956	0.9485	0.0471
2023-11-04T11:47:18	1	0	136	136	0	1.0568	1.0568	0.0000	0.982	0.982	0.0000
2023-11-04T11:49:54	3	0	3	3	0	1.0198	1.0198	0.0000	0.9762	0.976	0.0002
2023-11-04T11:50:52	5	0	39	37	2	1.0526	1.0525	0.0000	-0.9956	-0.9956	0.0000
2023-11-04T11:51:17	5	0	1	2	-1	1.0036	1.0054	0.0018	0.9953	0.9953	0.0000
2023-11-04T11:52:43	2	0	8	8	0	1.0548	1.0548	0.0000	0.9999	0.9999	0.0000
2023-11-04T11:53:50	3	0	210	206	4	1.0580	1.0580	0.0000	-0.9556	-0.9554	-0.0002
2023-11-04T11:56:47	1	0	2	2	0	1.0306	1.0306	0.0000	0.9899	0.9899	0.0000
2023-11-04T11:57:16	2	0	4	3	1	0.9929	0.9782	-0.0147	0.9949	0.9949	0.0000
2023-11-04T11:58:18	1	0	14	13	1	1.0468	1.0460	-0.0008	-0.9952	-0.9952	0.0000
2023-11-04T11:58:39	1	0	21	21	0	1.0497	1.0497	0.0000	0.9988	-0.9996	-0.0016
2023-11-04T12:02:57	2	0	10	9	1	1.0173	1.0261	0.0088	0.9907	0.9908	-0.0001
2023-11-04T12:04:19	1	0	1	1	0	1.0385	1.0384	-0.0001	0.9993	0.9993	0.0000
2023-11-04T12:04:55	3	0	2	2	0	1.0192	1.0191	-0.0001	0.9751	0.975	0.0001
2023-11-04T12:07:43	2	0	8	8	0	1.0495	1.0495	0.0000	0.9996	0.9996	0.0000
2023-11-04T12:08:51	1	0	148	147	1	1.0568	1.0568	0.0000	-0.9497	-0.9493	-0.0004
2023-11-04T12:11:48	1	0	2	2	0	1.0331	1.0331	0.0000	0.9892	0.9892	0.0000
2023-11-04T12:12:19	1	0	2	2	0	1.0738	1.0735	-0.0002	-0.9953	-0.9953	0.0000
2023-11-04T12:17:14	3	0	1	1	0	1.0578	1.0578	0.0000	0.9972	0.9977	-0.0005
2023-11-04T12:20:54	6	0	57	55	2	1.0538	1.0538	-0.0001	-0.994	-0.9941	0.0001
2023-11-04T12:21:19	4	0	3	3	0	1.0098	1.0093	-0.0005	0.9954	0.9952	0.0002
2023-11-04T12:23:52	5	0	203	201	2	1.0591	1.0590	-0.0001	-0.9496	-0.9494	-0.0002
2023-11-04T12:24:46	1	0	2	2	0	1.0231	1.0231	0.0000	0.9943	0.9945	-0.0002
2023-11-04T12:28:08	3	0	3	3	0	1.0327	1.0321	-0.0006	-0.9894	-0.9894	0.0000
2023-11-04T12:30:02	2	0	27	29	-2	1.0520	1.0524	0.0004	-0.9991	-0.9991	0.0000
2023-11-04T12:31:22	1	0	2	1	1	1.0535	1.0472	-0.0063	0.9739	0.9736	0.0003
2023-11-04T12:48:42	2	0	1	0	1	1.0556	null	null	0.9693	0.9692	0.0001
2023-11-04T12:52:46	2	0	5	5	0	1.0392	1.0392	0.0000	0.9993	0.9984	0.0009
2023-11-04T12:56:51	1	0	2	2	0	1.0303	1.0302	-0.0001	0.9908	0.9909	-0.0001
2023-11-04T13:00:04	3	0	33	28	5	1.0524	1.0522	-0.0002	-0.9981	-0.9984	0.0003
2023-11-04T13:00:27	1	0	1	1	0	1.0190	1.0189	-0.0001	0.9845	0.9845	0.0000
2023-11-04T13:01:15	1	0	29	29	0	1.0491	1.0490	-0.0001	0.9971	0.9971	0.0000
2023-11-04T13:03:01	2	0	6	7	-1	1.0256	1.0139	-0.0117	0.9933	0.9933	0.0000
2023-11-04T13:06:08	1	0	22	22	0	1.0523	1.0523	0.0000	-0.9908	-0.9907	-0.0001
2023-11-04T13:16:25	6	0	14	13	1	1.0562	1.0561	-0.0001	0.9895	0.9891	0.0004
2023-11-04T13:18:33	1	0	3	5	-2	0.9697	0.9732	0.0034	0.9602	0.9604	-0.0002
2023-11-04T13:21:22	1	0	13	11	2	1.0496	1.0494	-0.0002	-0.9986	-0.9986	0.0000
2023-11-04T13:23:56	1	0	163	162	1	1.0568	1.0568	0.0000	-0.9444	-0.9441	-0.0003
2023-11-04T13:26:45	2	0	83	81	2	1.0538	1.0538	-0.0001	-0.9854	-0.9854	0.0000
2023-11-04T13:35:09	6	0	143	125	18	1.0577	1.0570	-0.0006	-0.9942	-0.9942	0.0000
2023-11-04T13:35:59	1	0	71	70	1	1.0563	1.0563	0.0000	-0.9935	-0.9935	0.0000
2023-11-04T13:36:23	1	0	21	20	1	1.0504	1.0500	-0.0004	-0.9985	-0.9985	0.0000
2023-11-04T13:38:18	1	0	58	56	2	1.0524	1.0522	-0.0002	-0.9957	-0.9957	0.0000
2023-11-04T13:46:27	6	0	8	8	0	1.0160	1.0159	-0.0001	0.9918	0.9531	0.0387
2023-11-04T13:47:26	1	0	285	285	0	1.0595	1.0596	0.0000	0.9831	0.9831	0.0000
2023-11-04T13:50:10	2	0	178	168	10	1.0590	1.0587	-0.0004	-0.9943	-0.9943	0.0000
2023-11-04T13:51:25	1	0	3	3	0	1.0134	1.0129	-0.0005	0.9993	0.9993	0.0000
2023-11-04T13:53:58	3	0	199	196	3	1.0587	1.0586	-0.0001	-0.9447	-0.9445	-0.0002
2023-11-04T13:54:52	1	0	6	6	0	1.0248	1.0247	-0.0001	0.9962	0.9963	-0.0001
2023-11-04T13:56:31	1	0	250	250	0	1.0614	1.0614	0.0000	0.9478	0.9472	0.0006
2023-11-04T13:56:47	1	0	97	96	1	1.0550	1.0550	0.0000	-0.9822	-0.9822	0.0000
2023-11-04T14:01:28	1	0	8	8	0	1.0175	1.0174	-0.0001	0.9929	0.95	0.0429
2023-11-04T14:02:21	3	0	2	2	0	1.0468	1.0466	-0.0002	0.9981	0.9979	0.0002
2023-11-04T14:03:09	1	0	4	4	0	1.0417	1.0391	-0.0026	0.9978	0.9948	0.0030
2023-11-04T14:03:42	1	0	1	1	0	1.0433	1.0433	0.0000	0.9591	0.9589	0.0002
2023-11-04T14:04:06	1	0	1	1	0	1.0594	1.0590	-0.0004	0.9581	0.958	0.0001
2023-11-04T14:04:06	2	0	6	7	-1	1.0180	1.0219	0.0039	0.9989	0.9989	0.0000
2023-11-04T14:04:16	6	0	11	10	1	1.0301	1.0257	-0.0044	0.9791	0.9783	0.0008
2023-11-04T14:05:11	4	0	35	35	0	1.0526	1.0526	-0.0001	-0.9954	-0.9955	0.0001
2023-11-04T14:05:36	2	0	6	9	-3	1.0539	1.0535	-0.0004	-0.9974	-0.9971	-0.0003
2023-11-04T14:06:01	3	0	85	84	1	1.0565	1.0565	0.0000	-0.9921	-0.9922	0.0001
2023-11-04T14:06:19	3	0	46	45	1	1.0478	1.0473	-0.0004	-0.9631	-0.9629	-0.0002
2023-11-04T14:08:20	2	0	60	59	1	1.0521	1.0518	-0.0003	-0.9976	-0.9977	0.0001
2023-11-04T14:08:59	3	0	226	223	3	1.0597	1.0597	0.0000	-0.9454	-0.9452	-0.0002
2023-11-04T14:11:30	2	0	1	1	0	1.0366	1.0346	-0.0020	-0.9659	-0.9664	0.0005
2023-11-04T14:11:48	1	0	118	118	0	1.0554	1.0554	0.0000	-0.9871	-0.9871	0.0000
2023-11-04T14:11:56	1	0	4	4	0	1.0335	1.0335	-0.0001	0.9908	0.9908	0.0000
2023-11-04T14:12:25	3	0	5	5	0	1.0231	1.0229	-0.0002	0.9965	0.9962	0.0003
2023-11-04T14:12:27	1	0	2	2	0	1.0742	1.0740	-0.0002	-0.9953	-0.9953	0.0000
2023-11-04T14:14:48	3	0	3	3	0	1.0397	1.0391	-0.0006	-0.9863	-0.9874	0.0011
2023-11-04T14:16:10	2	0	1	0	1	1.0323	null	null	-0.9817	-0.9817	0.0000
2023-11-04T14:16:29	6	0	58	45	13	1.0540	1.0538	-0.0002	0.9933	0.9926	0.0007
2023-11-04T14:16:56	2	0	7	7	0	1.0336	1.0335	-0.0001	-0.9974	-0.9961	-0.0013
2023-11-04T14:17:29	1	0	448	448	0	1.0618	1.0618	0.0000	0.9826	0.9827	-0.0001
2023-11-04T14:18:37	2	0	4	5	-1	1.0308	1.0261	-0.0047	0.9607	0.9607	0.0000
2023-11-04T14:18:39	2	0	5	6	-1	1.0295	1.0155	-0.0140	0.9834	0.9835	-0.0001
2023-11-04T14:18:43	1	0	5	5	0	1.0392	1.0385	-0.0007	0.9575	0.9568	0.0007
2023-11-04T14:19:07	1	0	6	6	0	1.0179	1.0178	-0.0001	0.9993	0.9993	0.0000
2023-11-04T14:19:07	1	0	5	5	0	1.0464	1.0464	0.0000	0.955	0.9549	0.0001
2023-11-04T14:19:17	1	0	233	232	1	1.0613	1.0612	0.0000	-0.9929	-0.993	0.0001
2023-11-04T14:19:17	2	0	2	3	-1	0.9869	1.0098	0.0229	0.9772	0.9776	-0.0004
2023-11-04T14:19:29	1	0	4	4	0	1.0455	1.0455	-0.0001	1	-1	0.0000
2023-11-04T14:20:12	4	0	7	7	0	1.0541	1.0538	-0.0003	0.9991	0.999	0.0001
2023-11-04T14:20:37	2	0	13	11	2	1.0511	1.0500	-0.0010	-0.9976	-0.9976	0.0000

2023-11-04T14:21:02	2	0	76	74	2	1.0568	1.0568	0.0000	-0.9932	-0.9932	0.0000
2023-11-04T14:21:20	1	0	50	50	0	1.0478	1.0478	0.0000	-0.9611	-0.9612	0.0001
2023-11-04T14:21:24	4	0	9	12	-3	1.0486	1.0485	0.0000	0.9723	0.9725	-0.0002
2023-11-04T14:22:45	4	0	6	6	0	0.9577	0.9575	-0.0003	-0.9996	-1	0.0004
2023-11-04T14:24:54	1	0	4	5	-1	1.0255	1.0250	-0.0005	0.9957	0.9957	0.0000
2023-11-04T14:26:03	5	0	3	3	0	1.0514	1.0512	-0.0002	-1	-1	0.0000
2023-11-04T14:26:49	2	0	200	198	2	1.0591	1.0590	0.0000	-0.9792	-0.9793	0.0001
2023-11-04T14:26:54	3	0	39	39	0	1.0278	1.0278	-0.0001	0.9692	0.9647	0.0045
2023-11-04T14:26:57	1	0	3	3	0	1.0286	1.0286	0.0000	0.9907	0.9907	0.0000
2023-11-04T14:29:28	3	0	10	11	-1	1.0412	1.0423	0.0011	-0.9697	-0.97	0.0003
2023-11-04T14:29:49	3	0	4	4	0	1.0432	1.0431	-0.0001	-0.9881	-0.9881	0.0000
2023-11-04T14:30:10	2	0	2	2	0	1.0587	1.0584	-0.0003	0.9989	0.9988	0.0001
2023-11-04T14:31:38	1	0	14	13	1	1.0552	1.0560	0.0007	-0.9997	-0.9998	0.0001
2023-11-04T14:31:57	2	0	5	5	0	1.0340	1.0340	-0.0001	-0.9963	-0.9963	0.0000
2023-11-04T14:32:31	1	0	482	482	0	1.0614	1.0614	0.0000	0.9826	0.9827	-0.0001
2023-11-04T14:33:09	4	0	108	96	12	1.0583	1.0581	-0.0002	-0.9961	-0.9964	0.0003
2023-11-04T14:33:11	1	0	4	4	0	1.0407	1.0406	-0.0002	0.9978	0.9978	0.0000
2023-11-04T14:33:38	1	0	11	11	0	1.0291	1.0291	0.0000	0.9547	0.9546	0.0001
2023-11-04T14:33:44	1	0	1	1	0	1.0364	1.0362	-0.0002	0.9605	0.9604	0.0001
2023-11-04T14:34:08	1	0	7	7	0	1.0183	1.0182	-0.0001	0.9992	0.9992	0.0000
2023-11-04T14:34:08	1	0	6	6	0	1.0469	1.0469	0.0000	0.9592	0.9592	0.0000
2023-11-04T14:34:18	3	0	12	10	2	1.0218	1.0142	-0.0076	0.9823	0.982	0.0003
2023-11-04T14:34:18	1	0	230	228	2	1.0616	1.0616	0.0000	-0.9932	-0.9933	0.0001
2023-11-04T14:34:31	1	0	7	7	0	1.0456	1.0456	0.0000	-1	-1	0.0000
2023-11-04T14:35:26	8	0	11	9	2	1.0496	1.0492	-0.0004	0.9995	0.9995	0.0000
2023-11-04T14:35:38	2	0	9	9	0	1.0516	1.0516	0.0000	-0.9978	-0.9978	0.0000
2023-11-04T14:35:48	1	0	191	190	1	1.0616	1.0616	0.0000	0.9975	0.9975	0.0000
2023-11-04T14:36:03	5	0	80	76	4	1.0566	1.0565	-0.0001	-0.9926	-0.9927	0.0001
2023-11-04T14:36:14	23	0	21	17	4	1.0511	1.0504	-0.0007	-0.9913	-0.9922	0.0009
2023-11-04T14:36:25	4	0	16	16	0	1.0484	1.0482	-0.0001	0.973	0.9728	0.0002
2023-11-04T14:36:26	1	0	3	3	0	1.0215	1.0214	-0.0001	0.9921	0.9921	0.0000
2023-11-04T14:36:27	2	0	42	40	2	1.0470	1.0467	-0.0004	-0.9655	-0.9656	0.0001
2023-11-04T14:36:28	4	0	4	4	0	1.0105	1.0100	-0.0005	-0.9995	-0.9998	0.0003
2023-11-04T14:37:46	2	0	4	4	0	0.9205	0.9207	0.0002	-0.9997	-0.9997	0.0000
2023-11-04T14:38:22	2	0	13	12	1	1.0510	1.0505	-0.0005	-0.9982	-0.9982	0.0000
2023-11-04T14:39:55	2	0	5	5	0	1.0244	1.0242	-0.0002	0.9952	0.9951	0.0001
2023-11-04T14:41:04	2	0	1	1	0	1.0652	1.0651	-0.0001	1	1	0.0000
2023-11-04T14:41:19	1	0	6	6	0	1.0511	1.0509	-0.0002	0.9969	0.9968	0.0001
2023-11-04T14:41:32	3	0	1	1	0	1.0390	1.0380	-0.0010	-0.963	-0.9634	0.0004
2023-11-04T14:41:50	2	0	176	176	0	1.0587	1.0587	0.0000	-0.9809	-0.9808	-0.0001
2023-11-04T14:41:58	1	0	3	3	0	1.0290	1.0290	0.0000	0.9906	0.9906	0.0000
2023-11-04T14:42:04	1	0	9	9	0	1.0402	1.0402	0.0000	0.9764	0.9764	0.0000
2023-11-04T14:42:27	2	0	3	3	0	0.9716	0.9713	-0.0002	0.9954	0.9954	0.0000
2023-11-04T14:43:46	1	0	32	32	0	1.0492	1.0491	0.0000	0.9959	0.9959	0.0000
2023-11-04T14:43:56	1	0	5	5	0	1.0410	1.0408	-0.0002	0.9952	0.9952	0.0000
2023-11-04T14:44:50	3	0	4	4	0	1.0426	1.0425	0.0000	-0.9883	-0.9883	0.0000
2023-11-04T14:45:11	3	0	2	2	0	1.0579	1.0577	-0.0001	0.9995	0.9996	-0.0001
2023-11-04T14:45:18	1	0	1	1	0	1.0225	1.0224	-0.0001	-0.9989	-0.999	0.0001
2023-11-04T14:45:29	1	0	12	11	1	1.0484	1.0487	0.0003	-0.9865	-0.9865	0.0000
2023-11-04T14:45:36	2	0	5	5	0	1.0216	1.0215	-0.0002	0.9866	0.9865	0.0001
2023-11-04T14:46:12	1	0	1	1	0	1.0254	1.0248	-0.0006	-0.981	-0.9812	0.0002
2023-11-04T14:46:31	6	0	63	63	0	1.0723	1.0719	-0.0005	0.9986	0.9899	0.0087
2023-11-04T14:46:50	1	0	8	8	0	1.0466	1.0465	-0.0001	0.9957	0.9956	0.0001
2023-11-04T14:47:24	3	0	1	1	0	1.0327	1.0322	-0.0005	0.998	0.9977	0.0003
2023-11-04T14:49:16	1	0	7	7	0	1.0191	1.0191	0.0000	0.9998	0.9998	0.0000
2023-11-04T14:51:15	8	0	22	19	3	1.0407	1.0397	-0.0010	-0.9924	-0.9927	0.0003
2023-11-04T14:51:31	4	0	3	3	0	1.0137	1.0135	-0.0002	0.9974	0.9973	0.0001
2023-11-04T14:52:47	2	0	5	5	0	0.9439	0.9438	-0.0001	1	1	0.0000
2023-11-04T14:55:49	1	0	1	0	1	1.0554	null	null	-0.9904	-0.9905	0.0001
2023-11-04T14:56:05	1	0	86	84	2	1.0539	1.0539	0.0000	0.997	0.997	0.0000
2023-11-04T14:56:05	1	0	128	126	2	1.0582	1.0581	0.0000	-1	-1	0.0000
2023-11-04T14:58:21	1	0	9	9	0	1.0243	1.0242	-0.0001	0.9892	0.989	0.0002
2023-11-04T14:59:30	3	0	11	10	1	1.0454	1.0443	-0.0011	-0.9664	-0.9663	-0.0001
2023-11-04T15:00:32	1	0	9	9	0	1.0497	1.0496	-0.0001	-0.9885	-0.9886	0.0001
2023-11-04T15:02:19	2	0	9	9	0	1.0383	1.0382	-0.0001	0.9831	0.9826	0.0005
2023-11-04T15:02:39	1	0	2	2	0	1.0415	1.0408	-0.0008	-0.9983	-0.9983	0.0000
2023-11-04T15:02:51	1	0	12	11	1	1.0167	1.0219	0.0051	0.998	0.9982	-0.0002
2023-11-04T15:03:32	1	0	71	70	1	1.0525	1.0526	0.0002	-0.9971	-0.9972	0.0001
2023-11-04T15:04:20	1	0	4	6	-2	0.9931	1.0071	0.0140	0.978	0.9784	-0.0004
2023-11-04T15:04:33	2	0	48	48	0	0.9493	0.9493	0.0000	-0.9921	-0.9923	0.0002
2023-11-04T15:06:16	8	0	18	17	1	1.0464	1.0458	-0.0007	-0.9921	-0.9922	0.0001
2023-11-04T15:07:48	1	0	7	7	0	0.9703	0.9701	-0.0002	-0.9996	-0.9997	0.0001
2023-11-04T15:11:36	1	0	2	2	0	1.0403	1.0402	-0.0001	0.9999	0.9999	0.0000
2023-11-04T15:16:33	1	0	19	19	0	1.0572	1.0569	-0.0003	0.965	0.9641	0.0009
2023-11-04T15:17:52	1	0	12	11	1	1.0098	1.0107	0.0009	0.9979	0.9981	-0.0002
2023-11-04T15:19:21	1	0	9	8	1	1.0184	1.0129	-0.0055	0.9834	0.9833	0.0001
2023-11-04T15:20:56	2	0	6	6	0	1.0510	1.0508	-0.0002	-0.8576	-0.8584	0.0008
2023-11-04T15:31:15	3	0	2	1	1	1.0344	1.0327	-0.0018	-0.9781	-0.9785	0.0004
2023-11-04T15:33:44	2	0	6	6	0	1.0229	1.0229	-0.0001	0.9835	0.9835	0.0000
2023-11-04T15:34:22	5	0	12	8	4	0.9399	0.9395	-0.0003	0.9615	0.9614	0.0001
2023-11-04T15:45:15	1	0	1	0	1	1.0554	null	null	0.9996	0.9997	-0.0001
2023-11-04T15:46:35	1	0	66	60	6	1.0632	1.0619	-0.0013	0.9879	0.9889	-0.0010
2023-11-04T15:48:45	1	0	6	6	0	1.0268	1.0268	0.0000	0.9833	0.9834	-0.0001
2023-11-04T16:16:37	1	0	9	9	0	1.0286	1.0284	-0.0002	0.9771	0.9512	0.0259
2023-11-04T16:18:45	1	0	7	7	0	0.9881	0.9882	0.0001	0.98	0.9801	-0.0001

2023-11-04T16:18:47	1	0	5	6	-1	1.0257	1.0122	-0.0134	0.984	0.9841	-0.0001
2023-11-04T16:19:25	1	0	2	2	0	0.9427	0.9428	0.0001	0.9706	0.9711	-0.0005
2023-11-05T08:03:57	1	0	123	123	0	0.9258	0.9259	0.0001	0.9829	0.983	-0.0001
2023-11-05T08:05:49	1	0	44	44	0	0.9416	0.9417	0.0001	-0.9538	-0.9526	-0.0012
2023-11-05T08:10:41	1	0	122	121	1	1.0570	1.0569	0.0000	-1	-1	0.0000
2023-11-05T08:20:50	1	0	34	34	0	0.9433	0.9433	0.0000	-0.9732	-0.9722	-0.0010
2023-11-05T08:22:23	2	0	12	11	1	0.9313	0.9316	0.0003	-0.9968	-0.9964	-0.0004
2023-11-05T08:29:08	2	0	4	4	0	1.0326	1.0322	-0.0003	-0.973	-0.9724	-0.0006
2023-11-05T08:29:52	1	0	8	8	0	1.0465	1.0465	0.0000	-0.9983	-0.9983	0.0000
2023-11-05T08:35:47	1	0	96	95	1	1.0578	1.0577	-0.0001	0.9964	0.9964	0.0000
2023-11-05T08:52:25	2	0	28	28	0	0.9277	0.9278	0.0001	-0.9984	-0.997	-0.0014
2023-11-05T08:56:23	1	0	232	229	3	0.9382	0.9383	0.0000	-0.9869	-0.9864	-0.0005
2023-11-05T08:59:44	2	0	17	16	1	1.0521	1.0518	-0.0003	-0.924	-0.9234	-0.0006
2023-11-05T09:01:08	1	0	5	5	0	1.0422	1.0422	0.0000	0.9982	0.9982	0.0000
2023-11-05T09:14:55	1	0	6	6	0	1.0464	1.0463	-0.0001	-0.9988	-0.9988	0.0000
2023-11-05T09:40:15	1	0	9	9	0	0.9618	0.9621	0.0003	-0.9861	-0.9858	-0.0003
2023-11-05T09:46:11	1	0	50	50	0	1.0658	1.0658	0.0000	0.9982	0.9982	0.0000
2023-11-05T09:46:13	1	0	1	1	0	0.8743	0.8746	0.0003	0.9985	0.9985	0.0000
2023-11-05T09:46:15	1	0	4	4	0	1.0307	1.0306	-0.0001	0.99	0.9899	0.0001
2023-11-05T09:46:18	1	0	579	579	0	1.0611	1.0611	0.0000	0.9961	0.9961	0.0000
2023-11-05T09:46:20	1	0	7	7	0	0.9674	0.9673	-0.0001	0.9985	0.9985	0.0000
2023-11-05T09:47:54	1	0	1	1	0	1.0225	1.0225	0.0000	0.9995	0.9995	0.0000
2023-11-05T09:48:14	1	0	3	3	0	1.0152	1.0150	-0.0002	-0.9999	-1	0.0001
2023-11-05T09:48:50	1	0	6	6	0	1.0188	1.0188	0.0000	0.9999	0.9998	0.0001
2023-11-05T09:49:04	5	0	37	36	1	0.9380	0.9378	-0.0002	0.9834	0.9842	-0.0008
2023-11-05T09:49:13	4	0	47	45	2	0.9479	0.9482	0.0003	-0.9917	-0.9916	-0.0001
2023-11-05T09:50:20	2	0	3	2	1	1.0535	1.0515	-0.0020	-0.9969	-0.9972	0.0003
2023-11-05T09:50:33	1	0	114	113	1	1.0582	1.0582	0.0000	0.9978	0.9978	0.0000
2023-11-05T09:50:35	2	0	1	1	0	1.0330	1.0326	-0.0004	-0.9999	-0.9999	0.0000
2023-11-05T09:50:52	1	0	20	20	0	1.0507	1.0505	-0.0001	0.993	0.9929	0.0001
2023-11-05T09:50:57	4	0	13	13	0	1.0471	1.0471	0.0000	-0.9952	-0.9952	0.0000
2023-11-05T09:51:12	1	0	4	4	0	1.0054	1.0053	-0.0001	0.9997	0.9996	0.0001
2023-11-05T09:52:31	2	0	10	10	0	0.9304	0.9304	0.0000	-0.9961	-0.9961	0.0000
2023-11-05T09:54:55	2	0	2	2	0	1.0465	1.0465	0.0000	0.994	0.994	0.0000
2023-11-05T09:55:48	1	0	137	136	1	1.0581	1.0580	-0.0001	-0.9999	-0.9999	0.0000
2023-11-05T09:56:27	1	0	1	1	0	1.0243	1.0233	-0.0010	-0.9844	-0.9834	-0.0010
2023-11-05T09:59:35	1	0	2	2	0	1.0427	1.0427	0.0000	-0.9867	-0.9864	-0.0003
2023-11-05T09:59:48	2	0	15	11	4	1.0521	1.0515	-0.0006	-0.8971	-0.8965	-0.0006
2023-11-05T09:59:58	3	0	7	7	0	1.0472	1.0471	-0.0001	-0.9982	-0.9982	0.0000
2023-11-05T10:00:47	2	0	1	0	1	1.0591	null	null	0.9998	0.9998	0.0000
2023-11-05T10:01:04	2	0	8	8	0	1.0478	1.0475	-0.0003	-0.9999	-0.9999	0.0000
2023-11-05T10:02:36	2	0	10	10	0	1.0197	1.0196	-0.0002	0.9986	0.9986	0.0000
2023-11-05T10:02:42	3	0	24	24	0	1.0476	1.0473	-0.0003	-0.9994	-0.9994	0.0000
2023-11-05T10:04:14	1	0	42	36	6	0.9358	0.9369	0.0011	-0.9941	-0.9941	0.0000
2023-11-05T10:05:58	9	0	16	14	2	1.0493	1.0506	0.0013	-0.9925	-0.9928	0.0003
2023-11-05T10:06:02	1	0	36	35	1	1.0477	1.0477	0.0000	-0.9762	-0.9761	-0.0001
2023-11-05T10:06:13	3	0	3	3	0	1.0104	1.0097	-0.0008	0.9995	0.9994	0.0001
2023-11-05T10:06:38	2	0	14	13	1	1.0514	1.0513	-0.0001	0.9967	0.9965	0.0002
2023-11-05T10:07:23	3	0	6	6	0	1.0213	1.0211	-0.0002	0.9981	0.9981	0.0000
2023-11-05T10:09:56	1	0	115	114	1	1.0585	1.0585	0.0000	0.9959	0.9997	-0.0038
2023-11-05T10:10:27	1	0	5	5	0	1.0224	1.0224	0.0000	-0.9986	-0.9986	0.0000
2023-11-05T10:11:16	1	0	1	1	0	1.0274	1.0270	-0.0004	0.9786	0.9785	0.0001
2023-11-05T10:11:23	1	0	7	7	0	1.0107	1.0107	0.0000	0.9975	0.9977	-0.0002
2023-11-05T10:12:15	1	0	8	8	0	1.0516	1.0515	-0.0001	-0.9921	-0.9921	0.0000
2023-11-05T10:12:23	3	0	2	2	0	0.9743	0.9735	-0.0008	0.9972	0.9971	0.0001
2023-11-05T10:14:51	1	0	9	9	0	1.0479	1.0478	-0.0001	-0.9801	-0.9802	0.0001
2023-11-05T10:16:13	2	0	52	52	0	1.0672	1.0672	-0.0001	0.9985	0.9984	0.0001
2023-11-05T10:17:37	1	0	9	9	0	1.0083	1.0083	0.0000	0.9961	0.9964	-0.0003
2023-11-05T10:17:43	3	0	33	31	2	1.0515	1.0512	-0.0003	-0.9996	-0.9996	0.0000
2023-11-05T10:19:06	1	0	32	30	2	1.0518	1.0518	0.0000	-0.9877	-0.988	0.0003
2023-11-05T10:19:15	1	0	17	17	0	0.9532	0.9532	-0.0001	-0.9879	-0.9879	0.0000
2023-11-05T10:20:04	5	0	20	17	3	1.0490	1.0481	-0.0008	-0.995	-0.9951	0.0001
2023-11-05T10:20:23	1	0	1	0	1	1.0256	null	null	0.9686	0.9686	0.0000
2023-11-05T10:21:18	2	0	3	3	0	1.0325	1.0322	-0.0002	-0.996	-0.9959	-0.0001
2023-11-05T10:23:16	1	0	2	2	0	1.0617	1.0614	-0.0003	0.9994	0.9993	0.0001
2023-11-05T10:26:14	1	0	1	0	1	0.9446	null	null	-0.9882	-0.9941	0.0059
2023-11-05T10:26:42	1	0	3	3	0	1.0167	1.0167	-0.0001	0.9776	0.9774	0.0002
2023-11-05T10:28:37	1	0	15	15	0	1.0440	1.0440	0.0000	0.9942	0.9941	0.0001
2023-11-05T10:28:48	1	0	34	33	1	1.0512	1.0511	-0.0002	1	-1	0.0000
2023-11-05T10:31:16	3	0	2	2	0	0.9605	0.9599	-0.0006	0.998	0.9978	0.0002
2023-11-05T10:31:37	1	0	3	3	0	1.0333	1.0331	-0.0003	-0.999	-0.999	0.0000
2023-11-05T10:32:44	1	0	32	31	1	1.0512	1.0510	-0.0002	-0.9994	-0.9994	0.0000
2023-11-05T10:34:16	2	0	3	3	0	0.9823	0.9826	0.0003	-0.991	-0.9912	0.0002
2023-11-05T10:36:00	2	0	15	14	1	1.0476	1.0476	0.0000	-0.992	-0.992	0.0000
2023-11-05T10:36:04	1	0	32	32	0	1.0476	1.0476	0.0000	-0.9775	-0.9776	0.0001
2023-11-05T10:38:07	1	0	7	7	0	1.0519	1.0518	-0.0001	-0.9928	-0.9928	0.0000
2023-11-05T10:41:18	1	0	3	3	0	1.0293	1.0291	-0.0001	0.9757	0.9755	0.0002
2023-11-05T10:41:33	2	0	4	4	0	1.0280	1.0276	-0.0004	-0.9765	-0.9776	0.0011
2023-11-05T10:41:47	1	0	20	20	0	1.0207	1.0206	-0.0001	0.9681	0.968	0.0001
2023-11-05T10:41:57	4	0	5	5	0	1.0295	1.0293	-0.0002	0.9948	0.9946	0.0002
2023-11-05T10:42:25	2	0	3	3	0	0.9706	0.9699	-0.0007	0.9966	0.9965	0.0001
2023-11-05T10:43:38	1	0	15	15	0	1.0437	1.0436	-0.0001	0.9925	0.9925	0.0000
2023-11-05T10:46:34	1	0	6	6	0	1.0416	1.0416	-0.0001	0.9951	0.9951	0.0000
2023-11-05T10:50:37	1	0	135	132	3	1.0596	1.0595	-0.0001	0.9977	0.9977	0.0000
2023-11-05T10:50:43	1	0	2	0	2	1.0505	null	null	-0.7582	-0.7581	-0.0001

2023-11-05T10:50:51	1	0	21	20	1	1.0498	1.0495	-0.0003	1	1	0.0000
2023-11-05T10:50:56	2	0	14	13	1	1.0504	1.0498	-0.0006	0.9916	0.9913	0.0003
2023-11-05T10:50:58	2	0	12	11	1	1.0534	1.0540	0.0005	-0.9965	-0.9965	0.0000
2023-11-05T10:51:14	1	0	2	2	0	1.0241	1.0238	-0.0003	0.9933	0.9932	0.0001
2023-11-05T10:51:41	4	0	11	11	0	1.0536	1.0518	-0.0018	0.9968	0.9964	0.0004
2023-11-05T10:52:35	1	0	7	7	0	0.9276	0.9278	0.0003	-0.9956	-0.9953	-0.0003
2023-11-05T10:55:31	1	0	3	3	0	1.0175	1.0175	0.0000	-0.9985	-0.9985	0.0000
2023-11-05T10:55:48	4	0	4	4	0	1.0498	1.0488	-0.0009	-0.9999	-0.9999	0.0000
2023-11-05T10:55:52	1	0	143	142	1	1.0586	1.0586	0.0000	-0.9995	-0.9995	0.0000
2023-11-05T10:56:16	1	0	1	1	0	0.9416	0.9423	0.0007	-0.9861	-0.9927	0.0066
2023-11-05T10:56:22	1	0	29	30	-1	1.0543	1.0543	0.0000	0.9558	0.955	0.0008
2023-11-05T10:58:39	2	0	16	16	0	1.0454	1.0454	0.0000	0.9919	0.9917	0.0002
2023-11-05T10:59:18	10	0	35	27	8	1.0496	1.0488	-0.0008	-0.9415	-0.9427	0.0012
2023-11-05T11:00:06	1	0	1	1	0	0.9206	0.9206	0.0000	-0.9963	-0.9963	0.0000
2023-11-05T11:01:59	2	0	12	11	1	1.0449	1.0448	-0.0001	0.9965	0.9964	0.0001
2023-11-05T11:02:40	1	0	9	9	0	1.0148	1.0147	0.0000	0.9968	0.997	-0.0002
2023-11-05T11:02:46	4	0	36	37	-1	1.0526	1.0520	-0.0006	-0.9993	-0.9993	0.0000
2023-11-05T11:05:38	1	0	136	133	3	1.0594	1.0594	-0.0001	0.998	0.998	0.0000
2023-11-05T11:05:57	2	0	20	19	1	1.0508	1.0505	-0.0004	0.9906	0.9904	0.0002
2023-11-05T11:06:02	1	0	16	15	1	1.0501	1.0499	-0.0002	-0.9907	-0.9908	0.0001
2023-11-05T11:07:06	3	0	21	20	1	1.0550	1.0547	-0.0003	-0.9951	-0.9952	0.0001
2023-11-05T11:07:08	1	0	4	4	0	1.0298	1.0297	-0.0001	-0.9998	-0.9998	0.0000
2023-11-05T11:07:27	1	0	7	7	0	1.0307	1.0306	-0.0001	0.9991	0.9991	0.0000
2023-11-05T11:07:53	3	0	15	14	1	1.0501	1.0497	-0.0004	-0.9607	-0.9606	-0.0001
2023-11-05T11:12:20	2	0	4	4	0	1.0166	1.0164	-0.0002	0.9822	0.9822	0.0000
2023-11-05T11:13:40	2	0	15	15	0	1.0447	1.0446	-0.0001	0.9901	0.99	0.0001
2023-11-05T11:13:59	2	0	3	3	0	1.0251	1.0250	-0.0002	0.996	0.9959	0.0001
2023-11-05T11:17:26	1	0	1	0	1	1.0414	null	null	-0.9979	-0.9979	0.0000
2023-11-05T11:18:56	1	0	7	7	0	1.0195	1.0194	-0.0001	0.999	0.9991	-0.0001
2023-11-05T11:19:13	1	0	3	3	0	1.0178	1.0176	-0.0002	0.9907	0.9906	0.0001
2023-11-05T11:19:19	2	0	7	7	0	0.9610	0.9609	-0.0002	-0.9864	-0.9865	0.0001
2023-11-05T11:21:02	1	0	78	78	0	0.9410	0.9410	0.0000	0.9999	1	-0.0001
2023-11-05T11:21:03	2	0	17	15	2	1.0494	1.0488	-0.0005	-0.9909	-0.991	0.0001
2023-11-05T11:21:18	2	0	3	3	0	1.0105	1.0101	-0.0004	-1	1	0.0000
2023-11-05T11:22:09	1	0	4	4	0	1.0294	1.0293	-0.0001	-0.999	-0.9991	0.0001
2023-11-05T11:22:53	1	0	15	15	0	1.0539	1.0538	-0.0001	-0.9961	-0.9961	0.0000
2023-11-05T11:23:16	3	0	2	2	0	1.0396	1.0386	-0.0011	-0.9689	-0.9697	0.0008
2023-11-05T11:26:28	1	0	5	5	0	1.0150	1.0149	0.0000	0.9987	0.9989	-0.0002
2023-11-05T11:26:44	1	0	1	0	1	1.0556	null	null	-0.9997	-0.9997	0.0000
2023-11-05T11:29:00	3	0	2	2	0	1.0259	1.0259	0.0000	0.995	0.9951	-0.0001
2023-11-05T11:30:06	1	0	9	9	0	1.0467	1.0466	-0.0001	-0.9827	-0.9828	0.0001
2023-11-05T11:31:18	3	0	56	55	1	1.0626	1.0629	0.0003	0.9983	0.9983	0.0000
2023-11-05T11:31:22	1	0	1	0	1	1.0557	null	null	0.9897	0.9897	0.0000
2023-11-05T11:31:25	1	0	496	496	0	1.0620	1.0620	0.0000	0.9956	0.9957	-0.0001
2023-11-05T11:31:27	1	0	4	4	0	0.9654	0.9654	0.0000	0.9973	0.9973	0.0000
2023-11-05T11:33:31	1	0	3	3	0	1.0275	1.0272	-0.0003	0.9682	0.968	0.0002
2023-11-05T11:33:35	1	0	1	0	1	1.0385	null	null	0.9393	0.939	0.0003
2023-11-05T11:34:11	2	0	42	42	0	1.0556	1.0555	-0.0001	-0.9896	-0.9898	0.0002
2023-11-05T11:34:33	1	0	1	0	1	1.0274	null	null	-0.9799	-0.9799	0.0000
2023-11-05T11:37:34	4	0	7	8	-1	1.0304	1.0335	0.0032	0.9989	0.9989	0.0000
2023-11-05T11:38:42	10	0	67	66	1	1.0560	1.0560	0.0000	-0.9949	-0.9949	0.0000
2023-11-05T11:38:48	1	0	121	120	1	1.0549	1.0549	0.0000	-0.9406	-0.9402	-0.0004
2023-11-05T11:40:02	3	0	6	8	-2	1.0594	1.0592	-0.0002	0.9976	0.9977	-0.0001
2023-11-05T11:40:22	2	0	1	0	1	1.0553	null	null	-0.9906	-0.9908	0.0002
2023-11-05T11:40:23	1	0	2	2	0	1.0405	1.0405	0.0000	-0.9848	-0.9846	-0.0002
2023-11-05T11:41:29	1	0	6	6	0	1.0152	1.0152	0.0000	0.9983	0.9985	-0.0002
2023-11-05T11:43:13	1	0	83	83	0	1.0988	1.0975	-0.0013	0.9961	0.9902	0.0059
2023-11-05T11:44:01	3	0	2	2	0	1.0264	1.0264	0.0000	0.9956	0.9957	-0.0001
2023-11-05T11:44:21	4	0	4	6	-2	1.0465	1.0418	-0.0048	0.9965	0.9967	-0.0002
2023-11-05T11:46:23	1	0	1	0	1	1.0551	null	null	0.9911	0.991	0.0001
2023-11-05T11:46:26	1	0	563	563	0	1.0621	1.0621	0.0000	0.995	0.995	0.0000
2023-11-05T11:48:02	1	0	96	95	1	0.9189	0.9211	0.0022	0.9973	0.9974	-0.0001
2023-11-05T11:48:36	1	0	2	2	0	1.0492	1.0489	-0.0003	0.934	0.9333	0.0007
2023-11-05T11:49:15	7	0	6	5	1	1.0195	1.0112	-0.0084	0.9889	0.9889	0.0000
2023-11-05T11:50:28	2	0	4	5	-1	1.0582	1.0578	-0.0004	-0.9965	-0.9961	-0.0004
2023-11-05T11:52:35	4	0	5	6	-1	1.0262	1.0311	0.0049	0.9995	0.9995	0.0000
2023-11-05T11:55:24	1	0	2	2	0	1.0426	1.0426	0.0000	-0.9816	-0.9813	-0.0003
2023-11-05T11:56:30	1	0	5	5	0	1.0155	1.0155	0.0000	0.9987	0.9988	-0.0001
2023-11-05T11:58:14	1	0	4	5	-1	1.0316	1.0365	0.0049	0.9878	0.9879	-0.0001
2023-11-05T11:59:22	4	0	2	3	-1	1.0472	1.0504	0.0033	0.9969	0.997	-0.0001
2023-11-05T12:01:20	3	0	59	58	1	1.0675	1.0679	0.0004	0.9982	0.9982	0.0000
2023-11-05T12:03:37	1	0	1	1	0	1.0550	1.0550	0.0000	0.9365	0.9368	-0.0003
2023-11-05T12:04:16	6	0	9	8	1	1.0251	1.0207	-0.0044	0.9904	0.9903	0.0001
2023-11-05T12:08:50	1	0	108	107	1	1.0546	1.0546	0.0000	-0.9401	-0.9396	-0.0005
2023-11-05T12:10:25	1	0	1	1	0	1.0558	1.0558	0.0000	-0.9841	-0.9838	-0.0003
2023-11-05T12:11:31	1	0	5	5	0	1.0155	1.0155	0.0000	0.9994	0.9994	0.0000
2023-11-05T12:16:32	1	0	2	3	-1	1.0265	1.0278	0.0013	0.9953	0.9954	-0.0001
2023-11-05T12:33:50	2	0	1	0	1	1.0567	null	null	0.9652	0.9651	0.0001
2023-11-05T12:44:25	4	0	3	3	0	1.0539	1.0504	-0.0035	0.9958	0.9958	0.0000
2023-11-05T12:46:23	3	0	56	56	0	1.0646	1.0646	0.0000	0.9986	0.9986	0.0000
2023-11-05T12:52:39	4	0	8	9	-1	1.0347	1.0378	0.0031	0.9981	0.9982	-0.0001
2023-11-05T12:59:02	1	0	3	3	0	1.0004	1.0003	-0.0001	-0.9528	-0.9525	-0.0003
2023-11-05T12:59:06	3	0	4	4	0	1.0247	1.0246	-0.0001	0.9957	0.9957	0.0000
2023-11-05T13:00:23	1	0	28	28	0	1.0465	1.0464	-0.0001	0.9985	0.9985	0.0000
2023-11-05T13:01:33	1	0	514	514	0	1.0618	1.0618	0.0000	0.9943	0.9943	0.0000

2023-11-05T13:01:35	1	0	43	43	0	0.9416	0.9416	0.0000	0.9927	0.9927	0.0000
2023-11-05T13:06:10	1	0	21	20	1	1.0517	1.0517	0.0000	-0.9877	-0.9876	-0.0001
2023-11-05T13:18:08	1	0	4	4	0	1.0431	1.0430	-0.0001	0.9996	0.9988	0.0008
2023-11-05T13:41:55	1	0	1	2	-1	1.0327	1.0304	-0.0023	0.979	0.979	0.0000
2023-11-05T13:44:29	3	0	6	6	0	1.0430	1.0423	-0.0006	0.9965	0.9964	0.0001
2023-11-05T13:46:28	2	0	55	55	0	1.0542	1.0541	0.0000	0.9985	0.9985	0.0000
2023-11-05T13:46:38	1	0	2	2	0	1.0307	1.0306	-0.0001	0.9985	0.9985	0.0000
2023-11-05T13:50:37	2	0	6	7	-1	1.0537	1.0542	0.0005	-0.9972	-0.997	-0.0002
2023-11-05T14:03:11	1	0	96	96	0	0.9054	0.9056	0.0002	0.9962	0.9962	0.0000
2023-11-05T14:04:24	2	0	5	6	-1	0.9955	1.0056	0.0101	0.9735	0.9737	-0.0002
2023-11-05T14:05:38	2	0	10	9	1	1.0529	1.0523	-0.0006	-0.9974	-0.9974	0.0000
2023-11-05T14:06:24	3	0	33	34	-1	1.0482	1.0481	-0.0001	-0.9792	-0.9792	0.0000
2023-11-05T14:08:27	3	0	1	2	-1	1.0558	1.0478	-0.0080	-0.9633	-0.9628	-0.0005
2023-11-05T14:11:01	4	0	2	2	0	1.0660	1.0660	0.0000	-0.9999	-0.9995	-0.0004
2023-11-05T14:11:34	2	0	1	2	-1	1.0089	1.0232	0.0143	0.9788	0.97	0.0088
2023-11-05T14:11:39	1	0	10	10	0	1.0173	1.0172	-0.0001	0.9988	0.9989	-0.0001
2023-11-05T14:11:57	1	0	3	3	0	1.0213	1.0212	0.0000	0.9777	0.9776	0.0001
2023-11-05T14:12:33	3	0	1	1	0	1.0559	1.0554	-0.0005	0.9871	0.987	0.0001
2023-11-05T14:16:30	2	0	57	57	0	1.0646	1.0646	0.0000	0.999	0.999	0.0000
2023-11-05T14:16:36	1	0	4	4	0	1.0344	1.0342	-0.0002	0.9907	0.9903	0.0004
2023-11-05T14:16:38	1	0	372	372	0	1.0599	1.0599	0.0000	0.9938	0.9939	-0.0001
2023-11-05T14:16:40	1	0	4	4	0	1.0320	1.0319	-0.0001	0.9988	0.9988	0.0000
2023-11-05T14:18:12	1	0	2	1	1	1.0400	1.0553	0.0153	0.9994	0.9993	0.0001
2023-11-05T14:18:42	1	0	1	1	0	1.0294	1.0294	0.0000	0.9642	0.9643	-0.0001
2023-11-05T14:18:57	3	0	2	1	1	1.0561	1.0560	-0.0001	0.9676	0.9668	0.0008
2023-11-05T14:19:25	3	0	7	8	-1	0.9956	1.0033	0.0077	0.9667	0.9671	-0.0004
2023-11-05T14:20:39	2	0	6	6	0	1.0540	1.0539	-0.0001	-0.9974	-0.9974	0.0000
2023-11-05T14:21:25	4	0	41	39	2	1.0486	1.0486	0.0000	-0.9761	-0.9761	0.0000
2023-11-05T14:21:31	5	0	2	3	-1	1.0094	1.0104	0.0011	1	1	0.0000
2023-11-05T14:21:35	3	0	6	6	0	1.0191	1.0190	-0.0001	-0.9965	-0.9965	0.0000
2023-11-05T14:21:55	6	0	14	12	2	1.0534	1.0514	-0.0019	0.9961	0.996	0.0001
2023-11-05T14:22:45	4	0	10	9	1	1.0385	1.0357	-0.0028	0.9985	0.9985	0.0000
2023-11-05T14:24:52	1	0	12	12	0	1.0545	1.0544	-0.0001	-0.996	-0.996	0.0000
2023-11-05T14:26:02	2	0	2	2	0	1.0682	1.0680	-0.0002	-0.9999	-0.9999	0.0000
2023-11-05T14:26:36	1	0	27	27	0	1.0536	1.0536	0.0000	0.9544	0.9544	0.0000
2023-11-05T14:26:58	1	0	3	3	0	1.0205	1.0205	0.0000	0.9774	0.9774	0.0000
2023-11-05T14:29:32	3	0	4	3	1	1.0458	1.0417	-0.0041	0.9971	0.9969	0.0002
2023-11-05T14:29:53	3	0	3	4	-1	1.0373	1.0418	0.0045	-0.9805	-0.9802	-0.0003
2023-11-05T14:31:31	2	0	13	13	0	1.0483	1.0483	0.0000	0.9983	0.9983	0.0000
2023-11-05T14:31:39	1	0	392	392	0	1.0603	1.0603	0.0000	0.9941	0.9942	-0.0001
2023-11-05T14:31:41	1	0	2	2	0	1.0289	1.0289	0.0000	0.9984	0.9984	0.0000
2023-11-05T14:33:13	1	0	96	96	0	0.8979	0.9000	0.0021	0.9977	0.9929	0.0048
2023-11-05T14:34:23	1	0	33	33	0	1.0528	1.0527	0.0000	-0.9906	-0.9907	0.0001
2023-11-05T14:34:26	3	0	3	4	-1	0.9606	0.9843	0.0237	0.9691	0.9692	-0.0001
2023-11-05T14:34:45	1	0	1	1	0	1.0322	1.0319	-0.0003	-0.973	-0.973	0.0000
2023-11-05T14:35:40	2	0	6	6	0	1.0533	1.0533	-0.0001	-0.9956	-0.9957	0.0001
2023-11-05T14:36:26	1	0	36	36	0	1.0473	1.0473	0.0000	-0.9776	-0.9776	0.0000
2023-11-05T14:36:36	3	0	5	5	0	1.0358	1.0358	-0.0001	-0.9939	-0.9938	-0.0001
2023-11-05T14:37:46	4	0	6	6	0	1.0259	1.0258	-0.0001	0.9983	0.9983	0.0000
2023-11-05T14:38:30	3	0	1	1	0	1.0386	1.0382	-0.0004	-0.9653	-0.9656	0.0003
2023-11-05T14:40:14	2	0	1	1	0	1.0563	1.0561	-0.0002	0.9952	0.9951	0.0001
2023-11-05T14:40:24	5	0	16	14	2	1.0507	1.0504	-0.0003	-0.9958	-0.9958	0.0000
2023-11-05T14:41:03	2	0	2	2	0	1.0652	1.0651	-0.0001	-1	-1	0.0000
2023-11-05T14:41:07	2	0	171	171	0	1.0612	1.0612	0.0000	-0.999	-0.999	0.0000
2023-11-05T14:41:11	1	0	30	30	0	1.0484	1.0484	0.0000	0.9955	0.9955	0.0000
2023-11-05T14:41:37	1	0	37	37	0	1.0547	1.0547	0.0000	0.9571	0.957	0.0001
2023-11-05T14:41:59	1	0	4	4	0	1.0240	1.0239	0.0000	0.9776	0.9775	0.0001
2023-11-05T14:44:13	1	0	4	4	0	1.0271	1.0271	0.0000	0.9961	0.9961	0.0000
2023-11-05T14:44:33	1	0	1	1	0	1.0579	1.0579	0.0000	0.997	0.997	0.0000
2023-11-05T14:44:54	3	0	3	3	0	1.0368	1.0368	0.0000	-0.9814	-0.9814	0.0000
2023-11-05T14:45:30	1	0	28	27	1	1.0463	1.0463	0.0000	0.999	0.999	0.0000
2023-11-05T14:46:44	4	0	11	10	1	1.0526	1.0533	0.0007	-0.9981	-0.9993	0.0012
2023-11-05T14:48:44	1	0	1	1	0	1.0287	1.0285	-0.0002	0.9696	0.9696	0.0000
2023-11-05T14:49:27	4	0	55	48	7	0.9483	0.9431	-0.0052	0.9624	0.962	0.0004
2023-11-05T14:51:17	11	0	18	17	1	1.0506	1.0505	-0.0001	-0.9878	-0.9881	0.0003
2023-11-05T14:51:27	2	0	31	31	0	1.0475	1.0475	0.0000	-0.9788	-0.9788	0.0000
2023-11-05T14:51:57	6	0	11	11	0	1.0514	1.0513	-0.0001	0.9976	0.9975	0.0001
2023-11-05T14:56:10	5	0	35	33	2	1.0534	1.0535	0.0001	-0.9934	-0.9935	0.0001
2023-11-05T14:56:37	2	0	7	7	0	0.9720	0.9722	0.0002	0.9628	0.967	-0.0042
2023-11-05T14:56:42	1	0	10	10	0	1.0184	1.0184	0.0000	0.9989	0.999	-0.0001
2023-11-05T14:59:34	2	0	2	2	0	1.0443	1.0441	-0.0003	0.9979	0.9979	0.0000
2023-11-05T15:00:20	1	0	12	12	0	1.0462	1.0462	0.0000	-0.9851	-0.985	-0.0001
2023-11-05T15:03:49	1	0	3	3	0	1.0413	1.0409	-0.0004	0.9481	0.9483	-0.0002
2023-11-05T15:07:48	2	0	5	6	-1	1.0250	1.0299	0.0049	0.9983	0.9984	-0.0001
2023-11-05T15:10:50	1	0	1	0	1	1.0554	null	null	-0.9887	-0.9887	0.0000
2023-11-05T15:11:38	1	0	1	1	0	1.0235	1.0223	-0.0012	0.9774	0.977	0.0004
2023-11-05T15:11:40	3	0	18	17	1	1.0506	1.0512	0.0006	-0.9961	-0.9961	0.0000
2023-11-05T15:15:21	1	0	12	12	0	1.0466	1.0465	0.0000	-0.9823	-0.9824	0.0001
2023-11-05T15:16:25	1	0	2	1	1	1.0451	1.0452	0.0001	0.9932	0.9932	0.0000
2023-11-05T15:16:40	5	0	1	0	1	1.0451	null	null	0.991	0.991	0.0000
2023-11-05T15:16:44	1	0	4	4	0	1.0299	1.0298	-0.0001	0.9986	0.9986	0.0000
2023-11-05T15:16:56	1	0	4	4	0	1.0310	1.0307	-0.0003	-0.9991	-0.9991	0.0000
2023-11-05T15:22:33	2	0	8	9	-1	1.0452	1.0463	0.0010	-1	0.9999	0.0001
2023-11-05T15:29:10	1	0	42	41	1	1.0530	1.0530	-0.0001	-0.9991	-0.999	-0.0001
2023-11-05T15:36:36	3	0	1	1	0	1.0053	1.0051	-0.0002	0.9998	0.9997	0.0001

2023-11-05T15:41:07	1	0	2	2	0	1.0385	1.0383	-0.0002	0.9999	1	-0.0001
2023-11-05T15:42:06	1	0	13	13	0	1.0087	1.0086	-0.0001	0.9724	0.9723	0.0001
2023-11-05T15:46:47	5	0	5	4	1	1.0423	1.0415	-0.0008	0.9919	0.9747	0.0172
2023-11-05T15:48:18	1	0	2	1	1	1.0417	1.0254	-0.0163	0.9982	0.9993	-0.0011
2023-11-05T16:04:32	1	0	5	6	-1	0.9411	0.9599	0.0188	0.9705	0.9712	-0.0007
2023-11-05T16:07:52	2	0	6	6	0	1.0244	1.0242	-0.0002	0.9983	0.9983	0.0000
2023-11-05T16:11:34	1	0	3	3	0	1.0417	1.0415	-0.0001	0.998	0.998	0.0000
2023-11-05T16:19:33	1	0	1	1	0	0.9421	0.9421	0.0000	0.9744	0.9745	-0.0001
2023-11-05T16:32:50	1	0	1	0	1	1.0415	null	null	-0.997	-0.997	0.0000
2023-11-05T17:16:13	3	0	3	3	0	1.0267	1.0264	-0.0003	0.9822	0.9821	0.0001
2023-11-05T17:18:54	1	0	2	2	0	0.9846	0.9848	0.0001	0.9859	0.9842	0.0017
2023-11-05T17:34:21	1	0	42	22	20	0.9748	0.9753	0.0005	0.9988	0.9988	0.0000
2023-11-06T09:32:04	1	0	185	185	0	1.0560	1.0560	0.0000	0.9772	0.9773	-0.0001
2023-11-06T09:37:12	1	0	1	1	0	0.9354	0.9354	0.0000	-0.999	-0.999	0.0000
2023-11-06T09:43:21	2	0	10	10	0	0.9875	0.9875	0.0000	0.9776	0.9776	0.0000
2023-11-06T09:50:14	2	0	57	57	0	1.0544	1.0544	0.0000	-0.9936	-0.9936	0.0000
2023-11-06T10:02:06	1	0	140	140	0	1.0550	1.0550	0.0000	0.9788	0.9788	0.0000
2023-11-06T10:05:15	2	0	20	15	5	0.9406	0.9417	0.0011	0.8443	0.846	-0.0017
2023-11-06T10:07:14	1	0	1	1	0	0.9382	0.9385	0.0003	-0.9961	-0.9961	0.0000
2023-11-06T10:07:26	2	0	103	101	2	0.9207	0.9207	0.0000	0.9582	0.9574	0.0008
2023-11-06T10:09:49	2	0	20	20	0	1.0543	1.0543	0.0000	0.9862	0.9862	0.0000
2023-11-06T10:14:52	1	0	30	30	0	1.0514	1.0514	0.0000	0.9978	0.9978	0.0000
2023-11-06T10:18:49	1	0	3	3	0	0.9862	0.9862	0.0000	0.9889	0.9892	-0.0003
2023-11-06T10:20:50	1	0	3	3	0	0.9487	0.9487	0.0000	-0.9757	-0.9749	-0.0008
2023-11-06T10:28:25	2	0	10	10	0	0.9870	0.9870	0.0000	0.9758	0.9759	-0.0001
2023-11-06T10:29:29	2	0	3	3	0	1.0366	1.0366	0.0000	-0.9889	-0.9888	-0.0001
2023-11-06T10:35:56	4	0	157	155	2	1.0567	1.0564	-0.0003	-0.993	-0.9933	0.0003
2023-11-06T10:36:55	1	0	5	5	0	1.0315	1.0315	0.0000	-0.9994	-0.9994	0.0000
2023-11-06T10:44:41	2	0	187	185	2	1.0595	1.0595	0.0000	-0.8959	-0.8962	0.0003
2023-11-06T10:46:09	1	0	2	2	0	0.9863	0.9856	-0.0007	0.9945	0.9943	0.0002
2023-11-06T10:46:11	1	0	3	3	0	1.0202	1.0202	0.0000	0.9485	0.9482	0.0003
2023-11-06T10:47:36	3	0	19	19	0	1.0266	1.0266	0.0000	0.9993	0.9993	0.0000
2023-11-06T10:47:50	1	0	78	74	4	1.0556	1.0554	-0.0002	-0.9994	-0.9995	0.0001
2023-11-06T10:50:50	2	0	26	25	1	1.0548	1.0544	-0.0004	0.9754	0.9747	0.0007
2023-11-06T10:53:54	5	0	86	86	0	0.9222	0.9221	0.0000	0.9914	0.9913	0.0001
2023-11-06T10:58:31	1	0	13	13	0	0.9996	0.9996	0.0000	0.9701	0.9701	0.0000
2023-11-06T10:58:44	1	0	3	3	0	1.0248	1.0248	0.0000	0.9782	0.9782	0.0000
2023-11-06T10:59:42	2	0	208	208	0	1.0595	1.0595	0.0000	-0.896	-0.896	0.0000
2023-11-06T11:01:44	4	0	15	14	1	1.0385	1.0377	-0.0008	-0.9965	-0.9967	0.0002
2023-11-06T11:02:37	1	0	23	23	0	1.0246	1.0244	-0.0002	0.9988	0.9986	0.0002
2023-11-06T11:04:11	1	0	4	3	1	1.0461	1.0460	-0.0001	-0.9896	-0.9897	0.0001
2023-11-06T11:05:29	2	0	3	3	0	1.0265	1.0265	0.0000	0.9795	0.9795	0.0000
2023-11-06T11:05:51	2	0	28	28	0	1.0513	1.0513	0.0000	0.9742	0.9742	0.0000
2023-11-06T11:05:57	3	0	197	196	1	1.0565	1.0565	0.0000	-0.9907	-0.9908	0.0001
2023-11-06T11:08:42	2	0	288	283	5	1.0619	1.0618	-0.0001	-0.9514	-0.9516	0.0002
2023-11-06T11:10:24	1	0	6	6	0	1.0142	1.0142	0.0000	-0.9998	-0.9998	0.0000
2023-11-06T11:14:52	1	0	32	32	0	1.0482	1.0482	0.0000	-0.9944	-0.9944	0.0000
2023-11-06T11:15:47	1	0	1	0	1	1.0564	null	null	0.9996	0.9996	0.0000
2023-11-06T11:16:54	1	0	17	17	0	1.0415	1.0414	-0.0001	-0.9981	-0.9982	0.0001
2023-11-06T11:17:55	1	0	3	2	1	0.9916	1.0204	0.0288	0.9616	0.9616	0.0000
2023-11-06T11:18:14	5	0	210	200	10	1.0598	1.0597	-0.0001	-0.9991	-0.9991	0.0000
2023-11-06T11:20:20	2	0	89	89	0	1.0561	1.0561	0.0000	-0.9919	-0.9918	-0.0001
2023-11-06T11:20:37	3	0	11	11	0	1.0485	1.0485	0.0000	0.9987	0.9987	0.0000
2023-11-06T11:20:52	1	0	42	41	1	1.0564	1.0564	0.0000	0.9739	0.9739	0.0000
2023-11-06T11:21:15	2	0	4	4	0	1.0297	1.0297	0.0000	-0.9988	-0.9987	-0.0001
2023-11-06T11:22:21	3	0	7	7	0	1.0370	1.0370	0.0000	0.9974	0.9974	0.0000
2023-11-06T11:23:12	1	0	9	9	0	1.0514	1.0514	0.0000	0.9973	0.9974	-0.0001
2023-11-06T11:27:59	5	0	1	1	0	1.0308	1.0308	0.0000	-0.9941	-0.994	-0.0001
2023-11-06T11:28:33	1	0	9	9	0	1.0093	1.0093	0.0000	0.9808	0.9808	0.0000
2023-11-06T11:32:04	3	0	22	22	0	1.0420	1.0420	0.0000	-0.9967	-0.9967	0.0000
2023-11-06T11:34:11	1	0	3	2	1	1.0210	0.9965	-0.0244	0.9543	0.9536	0.0007
2023-11-06T11:34:13	1	0	11	11	0	1.0306	1.0306	0.0000	0.9901	0.9901	0.0000
2023-11-06T11:35:15	6	0	12	12	0	1.0485	1.0485	0.0000	0.9854	0.9855	-0.0001
2023-11-06T11:41:14	1	0	1	1	0	0.9447	0.9449	0.0002	-0.9917	-0.9915	-0.0002
2023-11-06T11:41:40	1	0	2	2	0	1.0252	1.0252	0.0000	0.9794	0.9794	0.0000
2023-11-06T11:47:13	4	0	1	0	1	1.0457	null	null	-0.9618	-0.962	0.0002
2023-11-06T11:47:59	1	0	96	96	0	0.9044	0.9066	0.0023	0.9554	0.9516	0.0038
2023-11-06T11:50:41	1	0	39	37	2	1.0557	1.0557	0.0000	0.9937	0.9937	0.0000
2023-11-06T11:51:16	1	0	2	3	-1	1.0125	1.0132	0.0007	0.9997	0.9997	0.0000
2023-11-06T11:52:23	1	0	9	10	-1	1.0393	1.0414	0.0021	0.9977	0.9977	0.0000
2023-11-06T11:53:14	1	0	3	3	0	1.0153	1.0153	0.0000	0.9979	0.998	-0.0001
2023-11-06T11:56:22	1	0	7	7	0	1.0542	1.0540	-0.0002	0.999	0.999	0.0000
2023-11-06T11:59:14	2	0	31	25	6	1.0492	1.0471	-0.0021	-0.9829	-0.983	0.0001
2023-11-06T12:01:14	2	0	49	49	0	0.9558	0.9558	0.0000	0.9968	0.9968	0.0000
2023-11-06T12:04:18	1	0	3	4	-1	1.0726	1.0608	-0.0118	0.9878	0.9879	-0.0001
2023-11-06T12:06:23	2	0	18	19	-1	1.0563	1.0565	0.0001	0.9884	0.9888	-0.0004
2023-11-06T12:10:17	1	0	2	3	-1	1.0598	1.0591	-0.0007	-0.9925	-0.9921	-0.0004
2023-11-06T12:10:49	1	0	15	15	0	1.0484	1.0484	0.0000	0.9891	0.9892	-0.0001
2023-11-06T12:28:37	4	0	4	5	-1	1.0373	1.0188	-0.0185	0.9363	0.9362	0.0001
2023-11-06T12:29:03	1	0	285	289	-4	1.0600	1.0600	0.0000	0.9571	0.957	0.0001
2023-11-06T12:31:16	2	0	49	49	0	0.9557	0.9557	0.0000	0.997	0.997	0.0000
2023-11-06T12:31:24	1	0	2	3	-1	1.0263	1.0271	0.0008	0.9984	0.9984	0.0000
2023-11-06T12:33:29	2	0	14	14	0	1.0044	0.9964	-0.0080	0.9802	0.979	0.0012
2023-11-06T12:34:17	1	0	10	10	0	1.0188	1.0188	0.0000	0.9908	0.9908	0.0000
2023-11-06T12:43:38	4	0	6	6	0	1.0014	1.0014	0.0000	0.9577	0.9576	0.0001

2023-11-06T12:44:07	1	0	144	142	2	1.0567	1.0567	0.0000	0.9521	0.952	0.0001
2023-11-06T12:44:17	3	0	13	13	0	1.0478	1.0487	0.0010	-0.9857	-0.9856	-0.0001
2023-11-06T12:46:17	2	0	45	45	0	0.9285	0.9285	0.0000	0.9971	0.9971	0.0000
2023-11-06T12:58:08	8	0	1	1	0	1.0278	1.0278	0.0000	-0.993	-0.9929	-0.0001
2023-11-06T12:59:11	1	0	172	172	0	1.0583	1.0583	0.0000	0.9541	0.9468	0.0073
2023-11-06T13:00:09	1	0	3	3	0	0.9908	0.9908	0.0000	-0.9999	-0.9999	0.0000
2023-11-06T13:01:18	2	0	46	46	0	0.9324	0.9324	0.0000	0.9948	0.9948	0.0000
2023-11-06T13:15:10	1	0	2	2	0	0.9617	0.9617	0.0000	-1	-1	0.0000
2023-11-06T13:17:39	1	0	2	2	0	1.0464	1.0464	0.0000	-0.9654	-0.9655	0.0001
2023-11-06T13:24:28	1	0	3	3	0	1.0505	1.0505	0.0000	0.9955	0.9955	0.0000
2023-11-06T13:27:21	2	0	2	2	0	0.9972	0.9968	-0.0004	0.9926	0.9924	0.0002
2023-11-06T13:44:21	3	0	22	22	0	1.0480	1.0479	-0.0001	-0.985	-0.985	0.0000
2023-11-06T13:48:05	1	0	5	6	-1	1.0344	1.0193	-0.0151	0.9834	0.9834	0.0000
2023-11-06T14:00:03	1	0	48	47	1	1.0496	1.0494	-0.0002	-0.9917	-0.9917	0.0000
2023-11-06T14:17:11	2	0	7	8	-1	1.0328	1.0317	-0.0011	0.9832	0.983	0.0002
2023-11-06T14:18:07	1	0	4	5	-1	1.0318	1.0142	-0.0176	0.9841	0.9841	0.0000
2023-11-06T14:26:28	3	0	1	1	0	1.0282	1.0274	-0.0008	-0.988	-0.9882	0.0002
2023-11-06T14:29:24	1	0	7	7	0	1.0469	1.0468	0.0000	-0.9897	-0.9898	0.0001
2023-11-06T14:32:25	3	0	2	2	0	1.0455	1.0453	-0.0002	-0.9616	-0.9618	0.0002
2023-11-06T14:40:07	3	0	8	8	0	1.0499	1.0497	-0.0002	0.9831	0.9825	0.0006
2023-11-06T14:47:26	1	0	232	232	0	1.0568	1.0568	0.0000	0.9803	0.9804	-0.0001
2023-11-06T15:00:07	1	0	47	47	0	1.0496	1.0496	0.0000	-0.9902	-0.9902	0.0000
2023-11-06T15:02:27	1	0	228	228	0	1.0567	1.0567	0.0000	0.9798	0.9798	0.0000
2023-11-06T15:03:31	4	0	167	157	10	1.0563	1.0562	-0.0001	0.9732	0.973	0.0002
2023-11-06T15:04:28	2	0	2	2	0	0.9979	0.9979	0.0000	0.9512	0.9513	-0.0001
2023-11-06T15:06:22	1	0	10	10	0	1.0443	1.0443	0.0000	-0.9956	-0.9956	0.0000
2023-11-06T15:07:48	3	0	7	7	0	1.0362	1.0361	-0.0001	0.9955	0.9955	0.0000
2023-11-06T15:08:30	1	0	1	1	0	1.0628	1.0628	0.0000	0.9839	0.984	-0.0001
2023-11-06T15:10:09	2	0	4	4	0	1.0469	1.0469	0.0000	0.9783	0.9783	0.0000
2023-11-06T15:11:32	1	0	1	0	1	1.0255	null	null	-0.9887	-0.9887	0.0000
2023-11-06T15:11:32	1	0	23	23	0	1.0543	1.0543	0.0000	0.9401	0.94	0.0001
2023-11-06T15:11:54	1	0	2	2	0	1.0195	1.0195	0.0000	0.9818	0.9817	0.0001
2023-11-06T15:14:30	3	0	10	10	0	1.0446	1.0445	-0.0001	-0.9892	-0.9893	0.0001
2023-11-06T15:16:29	2	0	46	46	0	0.9333	0.9333	0.0000	0.9968	0.9968	0.0000
2023-11-06T15:16:37	1	0	2	2	0	1.0231	1.0231	0.0000	0.9983	0.9983	0.0000
2023-11-06T15:17:28	3	0	2	2	0	1.0458	1.0458	0.0000	-0.9632	-0.9631	-0.0001
2023-11-06T15:17:28	1	0	221	221	0	1.0563	1.0563	0.0000	0.9774	0.9775	-0.0001
2023-11-06T15:18:21	1	0	1	1	0	1.0576	1.0576	0.0000	0.9597	0.9597	0.0000
2023-11-06T15:18:32	3	0	67	67	0	1.0549	1.0549	0.0000	0.9693	0.9693	0.0000
2023-11-06T15:19:28	2	0	2	2	0	1.0349	1.0349	0.0000	0.9675	0.9676	-0.0001
2023-11-06T15:21:33	4	0	2	2	0	1.0120	1.0120	-0.0001	1	1	0.0000
2023-11-06T15:22:49	3	0	11	11	0	1.0398	1.0398	0.0000	0.9956	0.9956	0.0000
2023-11-06T15:23:09	2	0	46	45	1	0.9444	0.9369	-0.0075	0.9789	0.9784	0.0005
2023-11-06T15:23:31	1	0	1	1	0	1.0597	1.0597	0.0000	0.9854	0.9855	-0.0001
2023-11-06T15:23:59	1	0	202	200	2	1.0580	1.0579	0.0000	-0.9635	-0.9634	-0.0001
2023-11-06T15:25:10	2	0	5	5	0	1.0514	1.0514	0.0000	0.9837	0.9837	0.0000
2023-11-06T15:26:34	1	0	1	1	0	1.0230	1.0229	-0.0001	0.9756	0.9793	-0.0037
2023-11-06T15:26:51	2	0	2	2	0	1.0429	1.0429	0.0000	0.9991	0.9991	0.0000
2023-11-06T15:29:51	1	0	289	289	0	1.0575	1.0575	0.0000	0.9508	0.9507	0.0001
2023-11-06T15:30:09	1	0	55	55	0	1.0502	1.0502	0.0000	-0.9897	-0.9897	0.0000
2023-11-06T15:31:32	2	0	46	46	0	0.9258	0.9258	0.0000	0.9979	0.9979	0.0000
2023-11-06T15:31:50	1	0	15	15	0	1.0426	1.0426	0.0000	0.9659	0.966	-0.0001
2023-11-06T15:32:30	3	0	3	3	0	1.0470	1.0470	0.0000	-0.9637	-0.9636	-0.0001
2023-11-06T15:32:35	1	0	254	254	0	1.0572	1.0572	0.0000	0.9813	0.9813	0.0000
2023-11-06T15:32:55	1	0	16	16	0	1.0139	1.0139	0.0000	1	1	0.0000
2023-11-06T15:35:35	7	0	22	22	0	1.0482	1.0482	0.0000	0.9848	0.9848	0.0000
2023-11-06T15:35:56	2	0	11	11	0	1.0534	1.0534	0.0000	0.993	0.993	0.0000
2023-11-06T15:36:15	2	0	186	186	0	1.0595	1.0595	0.0000	-0.9954	-0.9965	0.0011
2023-11-06T15:36:24	1	0	17	17	0	1.0461	1.0461	0.0000	-0.9944	-0.9944	0.0000
2023-11-06T15:36:34	3	0	1	1	0	1.0098	1.0098	0.0000	0.9996	0.9996	0.0000
2023-11-06T15:38:10	3	0	51	51	0	0.9363	0.9363	0.0000	0.9775	0.9779	-0.0004
2023-11-06T15:40:11	2	0	5	5	0	1.0512	1.0512	0.0000	0.9864	0.9865	-0.0001
2023-11-06T15:41:52	1	0	2	2	0	1.0397	1.0397	0.0000	0.9993	0.9993	0.0000
2023-11-06T15:41:56	1	0	4	4	0	1.0241	1.0241	0.0000	0.9781	0.9827	-0.0046
2023-11-06T15:42:02	1	0	2	2	0	1.0397	1.0397	0.0000	-0.9939	-0.9939	0.0000
2023-11-06T15:42:08	1	0	9	9	0	1.0068	1.0068	0.0000	0.9885	0.9885	0.0000
2023-11-06T15:43:22	1	0	3	3	0	0.9949	0.9949	0.0000	-0.9942	-0.9942	0.0000
2023-11-06T15:45:10	2	0	42	42	0	1.0484	1.0484	0.0000	-0.9897	-0.9897	0.0000
2023-11-06T15:47:31	4	0	2	2	0	1.0454	1.0454	0.0000	-0.9607	-0.9606	-0.0001
2023-11-06T15:47:45	12	0	5	5	0	1.0412	1.0412	0.0000	-0.9997	-0.9997	0.0000
2023-11-06T15:48:34	3	0	36	36	0	1.0530	1.0530	0.0000	0.975	0.975	0.0000
2023-11-06T15:49:34	2	0	7	8	-1	0.9421	0.9563	0.0142	0.962	0.9627	-0.0007
2023-11-06T15:51:16	3	0	121	121	0	1.0577	1.0577	0.0000	-0.9955	-0.9955	0.0000
2023-11-06T15:56:53	1	0	2	2	0	1.0411	1.0411	0.0000	0.9995	0.9995	0.0000
2023-11-06T15:58:51	1	0	4	4	0	1.0357	1.0357	0.0000	0.9753	0.9753	0.0000
2023-11-06T16:03:35	1	0	25	25	0	1.0540	1.0540	0.0000	0.9695	0.9695	0.0000
2023-11-06T16:07:52	3	0	7	7	0	1.0292	1.0292	0.0000	0.9951	0.9952	-0.0001
2023-11-06T16:23:18	3	0	88	88	0	0.9375	0.9375	0.0000	0.9832	0.9827	0.0005
2023-11-06T16:34:51	3	0	1	1	0	1.0456	1.0456	0.0000	-0.9937	-0.9936	-0.0001
2023-11-06T16:49:38	1	0	97	97	0	0.9327	0.9327	0.0000	0.9775	0.9775	0.0000
2023-11-06T16:56:45	1	0	694	693	1	0.7845	0.7849	0.0004	0.8836	0.883	0.0006
2023-11-07T07:50:44	2	0	22	21	1	0.9425	0.9426	0.0000	-0.8727	-0.8723	-0.0004
2023-11-07T07:52:15	2	0	252	252	0	0.8991	0.8994	0.0002	0.9515	0.9514	0.0001
2023-11-07T08:14:35	2	0	43	42	1	1.0515	1.0514	-0.0001	-0.8983	-0.8977	-0.0006
2023-11-07T08:18:53	1	0	9	9	0	0.9630	0.9632	0.0002	0.9782	0.9782	0.0000

2023-11-07T08:29:36	2	0	70	69	1	1.0542	1.0541	0.0000	-0.8867	-0.886	-0.0007
2023-11-07T08:29:47	1	0	14	14	0	1.0499	1.0499	0.0000	0.998	0.9979	0.0001
2023-11-07T08:32:01	1	0	143	141	2	1.0550	1.0550	0.0000	0.9794	0.9795	-0.0001
2023-11-07T08:44:04	12	0	972	970	2	1.0910	1.0909	-0.0001	0.9859	0.9857	0.0002
2023-11-07T08:44:48	1	0	1874	1300	574	1.1279	1.1245	-0.0034	0.987	0.9079	0.0791
2023-11-07T09:02:24	1	0	13	13	0	1.0257	1.0256	0.0000	0.9999	0.9999	0.0000
2023-11-07T09:05:12	2	0	18	16	2	1.0504	1.0496	-0.0008	-0.9877	-0.9878	0.0001
2023-11-07T09:07:20	2	0	93	92	1	0.9190	0.9194	0.0004	0.9781	0.9783	-0.0002
2023-11-07T09:13:41	1	0	369	368	1	1.0584	1.0584	0.0000	0.9467	0.9467	0.0000
2023-11-07T09:14:50	4	0	23	21	2	1.0514	1.0510	-0.0004	0.997	0.997	0.0000
2023-11-07T09:18:41	1	0	4	4	0	1.0008	1.0007	-0.0001	0.9963	0.9965	-0.0002
2023-11-07T09:20:49	8	0	53	48	5	1.0540	1.0535	-0.0005	-0.9897	-0.99	0.0003
2023-11-07T09:22:21	3	0	105	105	0	0.9227	0.9227	-0.0001	0.966	0.9656	0.0004
2023-11-07T09:29:24	2	0	2	2	0	1.0218	1.0215	-0.0003	-0.9823	-0.9824	0.0001
2023-11-07T09:31:53	1	0	46	44	2	1.0522	1.0518	-0.0003	0.9979	0.9979	0.0000
2023-11-07T09:32:34	9	0	599	585	14	1.0587	1.0584	-0.0002	-0.9995	-0.9996	0.0001
2023-11-07T09:35:39	1	0	5	5	0	0.9594	0.9594	0.0000	0.9999	0.9999	0.0000
2023-11-07T09:35:45	1	0	29	29	0	1.0527	1.0526	-0.0001	0.9741	0.974	0.0001
2023-11-07T09:36:52	1	0	6	6	0	1.0016	1.0013	-0.0002	0.9992	0.9992	0.0000
2023-11-07T09:38:33	4	0	154	152	2	1.0569	1.0569	0.0000	-0.9715	-0.9715	0.0000
2023-11-07T09:39:52	2	0	173	164	9	1.0615	1.0605	-0.0010	0.9884	0.9878	0.0006
2023-11-07T09:41:15	1	0	8	8	0	1.0220	1.0219	-0.0001	-0.9999	-0.9999	0.0000
2023-11-07T09:44:06	3	0	12	12	0	1.0443	1.0440	-0.0004	-1	1	0.0000
2023-11-07T09:44:25	1	0	2	2	0	1.0387	1.0385	-0.0002	-0.981	-0.9807	-0.0003
2023-11-07T09:46:06	1	0	1	1	0	0.9117	0.9120	0.0003	0.9936	0.9936	0.0000
2023-11-07T09:46:08	6	0	2	2	0	1.0510	1.0492	-0.0018	0.9478	0.946	0.0018
2023-11-07T09:47:27	3	0	20	20	0	1.0331	1.0330	-0.0001	0.9999	0.9999	0.0000
2023-11-07T09:50:09	4	0	22	20	2	1.0511	1.0505	-0.0005	-0.9968	-0.9969	0.0001
2023-11-07T09:50:46	1	0	30	30	0	1.0520	1.0518	-0.0001	0.9737	0.9736	0.0001
2023-11-07T09:52:14	1	0	1	0	1	0.9440	null	null	-0.9998	-1	0.0002
2023-11-07T09:56:08	1	0	1	1	0	1.0288	1.0284	-0.0004	0.9745	0.9744	0.0001
2023-11-07T09:58:45	1	0	8	8	0	1.0305	1.0304	-0.0002	0.9982	0.9981	0.0001
2023-11-07T09:59:42	2	0	67	61	6	1.0538	1.0532	-0.0006	-0.8563	-0.858	0.0017
2023-11-07T09:59:53	4	0	70	64	6	1.0540	1.0540	-0.0001	0.997	0.9971	-0.0001
2023-11-07T10:00:00	1	0	1	1	0	1.0361	1.0357	-0.0004	0.9839	0.9838	0.0001
2023-11-07T10:00:30	1	0	6	6	0	0.9647	0.9646	-0.0001	0.9712	0.9704	0.0008
2023-11-07T10:01:13	1	0	2	2	0	1.0279	1.0278	-0.0002	0.999	0.9989	0.0001
2023-11-07T10:02:22	3	0	23	23	0	1.0309	1.0307	-0.0002	0.9981	0.9982	-0.0001
2023-11-07T10:02:28	1	0	17	17	0	1.0246	1.0245	0.0000	0.9999	0.9999	0.0000
2023-11-07T10:02:49	1	0	3	3	0	1.0301	1.0300	-0.0001	0.964	0.9639	0.0001
2023-11-07T10:03:05	2	0	255	250	5	1.0576	1.0575	-0.0001	-0.9995	-0.9994	-0.0001
2023-11-07T10:04:00	2	0	7	8	-1	0.9427	0.9569	0.0142	0.9543	0.9547	-0.0004
2023-11-07T10:04:08	2	0	78	73	5	0.9280	0.9288	0.0008	0.9991	0.9991	0.0000
2023-11-07T10:05:47	2	0	31	30	1	1.0529	1.0525	-0.0004	0.973	0.9729	0.0001
2023-11-07T10:05:52	12	0	63	59	4	1.0525	1.0537	0.0012	-0.9812	-0.9821	0.0009
2023-11-07T10:08:35	1	0	144	142	2	1.0557	1.0557	0.0000	-0.9689	-0.9687	-0.0002
2023-11-07T10:08:49	5	0	5	5	0	0.9412	0.9423	0.0011	0.9957	0.9959	-0.0002
2023-11-07T10:10:21	1	0	7	7	0	1.0173	1.0172	-0.0001	0.9999	0.9999	0.0000
2023-11-07T10:11:37	1	0	2	2	0	1.0172	1.0170	-0.0001	0.9816	0.9815	0.0001
2023-11-07T10:13:24	3	0	11	10	1	0.9673	0.9701	0.0028	0.9533	0.9535	-0.0002
2023-11-07T10:14:45	1	0	20	19	1	1.0451	1.0456	0.0005	-0.9946	-0.9947	0.0001
2023-11-07T10:14:54	1	0	22	21	1	1.0528	1.0524	-0.0003	0.9973	0.997	0.0003
2023-11-07T10:15:31	2	0	11	11	0	1.0173	1.0172	-0.0001	0.9872	0.9871	0.0001
2023-11-07T10:15:41	2	0	1	0	1	1.0625	null	null	0.9974	0.9974	0.0000
2023-11-07T10:16:28	1	0	2	2	0	1.0292	1.0289	-0.0003	0.9975	0.9975	0.0000
2023-11-07T10:16:58	1	0	10	10	0	1.0367	1.0366	-0.0001	0.9906	0.9902	0.0004
2023-11-07T10:17:27	1	0	20	20	0	1.0320	1.0319	-0.0001	0.9982	0.9983	-0.0001
2023-11-07T10:17:29	1	0	21	21	0	1.0259	1.0259	0.0000	0.9999	0.9999	0.0000
2023-11-07T10:17:35	3	0	52	42	10	1.0536	1.0532	-0.0004	0.9975	0.9975	0.0000
2023-11-07T10:17:50	1	0	3	2	1	0.9943	1.0232	0.0289	0.9628	0.9628	0.0000
2023-11-07T10:19:09	4	0	55	55	0	0.9429	0.9353	-0.0076	-0.999	-0.999	0.0000
2023-11-07T10:20:11	4	0	17	16	1	1.0512	1.0509	-0.0003	-0.9981	-0.9981	0.0000
2023-11-07T10:20:26	2	0	3	3	0	1.0388	1.0384	-0.0004	0.9779	0.9779	0.0000
2023-11-07T10:21:08	3	0	1	1	0	1.0074	1.0064	-0.0010	0.999	0.9987	0.0003
2023-11-07T10:21:11	2	0	2	2	0	1.0333	1.0331	-0.0003	-0.993	-0.993	0.0000
2023-11-07T10:23:10	1	0	1	1	0	1.0595	1.0591	-0.0004	0.9908	0.9906	0.0002
2023-11-07T10:23:36	1	0	126	125	1	1.0555	1.0555	0.0000	-0.9707	-0.9706	-0.0001
2023-11-07T10:25:16	1	0	1	0	1	1.0554	null	null	0.9964	0.9952	0.0012
2023-11-07T10:27:09	1	0	2	2	0	1.0710	1.0706	-0.0004	-0.9974	-0.9974	0.0000
2023-11-07T10:28:25	1	0	8	8	0	0.9787	0.9787	0.0000	0.9536	0.9537	-0.0001
2023-11-07T10:29:46	1	0	26	26	0	1.0462	1.0462	0.0000	-0.9942	-0.9942	0.0000
2023-11-07T10:30:31	1	0	14	14	0	1.0175	1.0174	-0.0001	0.9848	0.9847	0.0001
2023-11-07T10:31:11	1	0	36	33	3	1.0491	1.0487	-0.0005	0.9421	0.9416	0.0005
2023-11-07T10:31:59	2	0	12	12	0	1.0358	1.0357	-0.0001	0.9914	0.991	0.0004
2023-11-07T10:32:32	1	0	23	23	0	1.0291	1.0291	0.0000	0.9973	0.9975	-0.0002
2023-11-07T10:34:10	1	0	6	7	-1	0.9414	0.9418	0.0004	-0.9988	-0.9989	0.0001
2023-11-07T10:35:12	4	0	15	14	1	1.0503	1.0499	-0.0003	-0.9977	-0.9977	0.0000
2023-11-07T10:35:34	2	0	1	1	0	1.0561	1.0553	-0.0008	-0.6959	-0.6971	0.0012
2023-11-07T10:35:49	2	0	33	32	1	1.0542	1.0540	-0.0001	0.9723	0.9719	0.0004
2023-11-07T10:40:17	2	0	2	2	0	1.0585	1.0576	-0.0009	0.997	0.9979	-0.0009
2023-11-07T10:40:48	1	0	11	11	0	1.0482	1.0481	-0.0001	-0.9999	-0.9999	0.0000
2023-11-07T10:41:10	1	0	1	0	1	1.0297	null	null	-0.981	-0.9807	-0.0003
2023-11-07T10:41:39	1	0	4	4	0	1.0156	1.0154	-0.0001	0.9947	0.9946	0.0001
2023-11-07T10:42:10	1	0	3	3	0	1.0261	1.0258	-0.0003	0.975	0.9749	0.0001
2023-11-07T10:44:45	1	0	72	71	1	1.0544	1.0544	0.0000	-0.83	-0.8294	-0.0006

2023-11-07T10:45:03	1	0	1	1	0	1.0270	1.0269	-0.0001	-1	-1	0.0000
2023-11-07T10:45:15	1	0	12	11	1	1.0498	1.0489	-0.0008	0.9907	0.9905	0.0002
2023-11-07T10:46:04	2	0	6	6	0	1.0477	1.0476	-0.0001	0.9999	0.9999	0.0000
2023-11-07T10:47:08	2	0	2	2	0	1.0608	1.0604	-0.0004	-0.9394	-0.9414	0.0020
2023-11-07T10:47:36	2	0	37	36	1	1.0512	1.0508	-0.0005	0.9975	0.9975	0.0000
2023-11-07T10:47:52	3	0	5	4	1	1.0125	1.0316	0.0191	0.9649	0.9649	0.0000
2023-11-07T10:48:49	4	0	111	106	5	1.0573	1.0572	-0.0002	-0.9997	-0.9997	0.0000
2023-11-07T10:49:03	3	0	7	5	2	1.0389	1.0288	-0.0101	0.965	0.9644	0.0006
2023-11-07T10:49:11	4	0	9	9	0	0.9827	0.9825	-0.0003	-0.995	-0.9952	0.0002
2023-11-07T10:50:50	3	0	42	37	5	1.0560	1.0551	-0.0009	0.9699	0.9694	0.0005
2023-11-07T10:50:57	1	0	3	3	0	1.0490	1.0489	-0.0001	0.9933	0.9931	0.0002
2023-11-07T10:51:10	1	0	2	2	0	1.0114	1.0110	-0.0004	0.999	0.9989	0.0001
2023-11-07T10:54:52	1	0	14	13	1	1.0507	1.0503	-0.0004	-0.941	-0.9422	0.0012
2023-11-07T10:55:12	2	0	1	1	0	1.0580	1.0572	-0.0008	-0.9965	-0.9967	0.0002
2023-11-07T10:55:24	1	0	6	6	0	1.0194	1.0194	-0.0001	0.9999	0.9999	0.0000
2023-11-07T10:56:16	2	0	593	588	5	0.8817	0.8832	0.0015	0.9066	0.9065	0.0001
2023-11-07T10:56:17	1	0	17	16	1	1.0523	1.0527	0.0005	0.937	0.9368	0.0002
2023-11-07T10:58:31	5	0	54	53	1	1.0544	1.0542	-0.0002	1	1	0.0000
2023-11-07T11:00:33	2	0	9	9	0	0.9746	0.9746	0.0000	0.9694	0.9696	-0.0002
2023-11-07T11:01:11	3	0	2	2	0	0.9909	0.9902	-0.0007	0.9946	0.9943	0.0003
2023-11-07T11:01:13	1	0	1	1	0	1.0212	1.0210	-0.0002	0.966	0.9658	0.0002
2023-11-07T11:02:57	1	0	1	0	1	1.0560	null	null	0.9539	0.9537	0.0002
2023-11-07T11:03:20	1	0	10	10	0	0.9807	0.9809	0.0002	0.9496	0.9495	0.0001
2023-11-07T11:03:48	1	0	5	5	0	1.0066	1.0065	-0.0001	0.9961	0.9963	-0.0002
2023-11-07T11:04:00	1	0	125	123	2	1.0586	1.0586	0.0000	-0.9999	-0.9999	0.0000
2023-11-07T11:04:04	1	0	7	7	0	1.0368	1.0366	-0.0001	0.9694	0.9696	-0.0002
2023-11-07T11:05:14	4	0	22	22	0	1.0518	1.0517	-0.0001	-0.997	-0.9972	0.0002
2023-11-07T11:05:56	10	0	92	84	8	1.0570	1.0568	-0.0002	-0.9804	-0.9812	0.0008
2023-11-07T11:06:01	3	0	28	27	1	1.0466	1.0465	-0.0001	-0.9821	-0.9823	0.0002
2023-11-07T11:06:58	2	0	8	8	0	0.9938	0.9939	0.0001	0.9991	0.9992	-0.0001
2023-11-07T11:07:51	2	0	20	20	0	1.0083	1.0082	-0.0001	0.9987	0.9987	0.0000
2023-11-07T11:08:39	1	0	131	130	1	1.0547	1.0547	0.0000	-0.9619	-0.9617	-0.0002
2023-11-07T11:10:45	4	0	48	47	1	1.0520	1.0520	0.0000	0.987	0.9869	0.0001
2023-11-07T11:11:17	1	0	1	1	0	1.0143	1.0134	-0.0009	0.9524	0.9577	-0.0053
2023-11-07T11:11:18	1	0	16	15	1	1.0517	1.0521	0.0004	0.9341	0.9333	0.0008
2023-11-07T11:12:23	1	0	410	410	0	0.8113	0.8116	0.0002	0.9989	0.999	-0.0001
2023-11-07T11:12:35	1	0	16	15	1	1.0578	1.0577	0.0000	0.927	0.9269	0.0001
2023-11-07T11:13:50	2	0	10	10	0	1.0328	1.0326	-0.0001	0.998	0.9979	0.0001
2023-11-07T11:16:33	4	0	3	3	0	1.0325	1.0317	-0.0008	0.997	0.9968	0.0002
2023-11-07T11:20:57	8	0	24	23	1	1.0473	1.0464	-0.0009	-0.9943	-0.9953	0.0010
2023-11-07T11:21:21	2	0	3	3	0	1.0638	1.0635	-0.0003	0.9987	0.9985	0.0002
2023-11-07T11:22:52	1	0	17	16	1	1.0291	1.0274	-0.0016	0.9996	0.9996	0.0000
2023-11-07T11:26:13	3	0	1	1	0	1.0371	1.0348	-0.0023	-0.9767	-0.9772	0.0005
2023-11-07T11:27:13	1	0	5	5	0	1.0547	1.0546	-0.0001	0.9946	0.9944	0.0002
2023-11-07T11:28:33	4	0	59	57	2	1.0544	1.0543	-0.0001	-1	-1	0.0000
2023-11-07T11:28:50	2	0	261	259	2	1.0591	1.0590	-0.0001	0.9832	0.9827	0.0005
2023-11-07T11:30:46	1	0	29	28	1	1.0487	1.0484	-0.0002	0.9869	0.9869	0.0000
2023-11-07T11:31:15	7	0	5	4	1	1.0567	1.0548	-0.0019	0.9488	0.913	0.0358
2023-11-07T11:32:01	2	0	18	14	4	1.0546	1.0538	-0.0007	0.9938	0.9936	0.0002
2023-11-07T11:32:03	3	0	9	9	0	1.0396	1.0396	0.0000	0.9885	0.9883	0.0002
2023-11-07T11:32:11	2	0	1	1	0	1.0600	1.0600	0.0000	0.9956	0.9957	-0.0001
2023-11-07T11:32:13	1	0	270	270	0	1.0576	1.0577	0.0000	0.9725	0.9725	0.0000
2023-11-07T11:32:20	1	0	1	1	0	1.0585	1.0581	-0.0004	1	1	0.0000
2023-11-07T11:32:48	6	0	3	3	0	1.0539	1.0538	-0.0001	0.9982	0.9981	0.0001
2023-11-07T11:33:33	1	0	5	4	1	1.0537	1.0521	-0.0015	0.9684	0.9683	0.0001
2023-11-07T11:33:54	1	0	1	1	0	1.0579	1.0573	-0.0006	0.9639	0.9638	0.0001
2023-11-07T11:34:03	1	0	23	22	1	1.0489	1.0489	0.0000	-0.9765	-0.9765	0.0000
2023-11-07T11:34:25	1	0	3	3	0	1.0684	1.0682	-0.0001	0.9742	0.974	0.0002
2023-11-07T11:39:55	1	0	18	18	0	1.0524	1.0524	0.0000	-0.9174	-0.9168	-0.0006
2023-11-07T11:41:43	2	0	26	21	5	0.9729	0.9735	0.0007	0.9933	0.9934	-0.0001
2023-11-07T11:42:26	1	0	31	31	0	1.0457	1.0457	0.0000	-0.9704	-0.9698	-0.0006
2023-11-07T11:43:33	4	0	8	8	0	1.0100	1.0100	0.0000	0.9534	0.9533	0.0001
2023-11-07T11:43:53	2	0	308	305	3	1.0601	1.0599	-0.0001	0.9859	0.9859	0.0000
2023-11-07T11:45:49	6	0	30	29	1	0.9325	0.9331	0.0006	0.9442	0.9449	-0.0007
2023-11-07T11:46:16	7	0	2	2	0	0.9742	0.9747	0.0006	0.9511	0.9526	-0.0015
2023-11-07T11:47:04	3	0	7	7	0	1.0377	1.0376	0.0000	0.9894	0.9892	0.0002
2023-11-07T11:47:12	2	0	1	1	0	1.0611	1.0610	-0.0001	0.9946	0.9949	-0.0003
2023-11-07T11:47:14	1	0	509	509	0	1.0602	1.0602	0.0000	0.9771	0.9772	-0.0001
2023-11-07T11:47:15	2	0	1	1	0	1.0566	1.0557	-0.0009	-0.9891	-0.9892	0.0001
2023-11-07T11:47:56	2	0	4	5	-1	1.0310	1.0138	-0.0172	0.9711	0.9712	-0.0001
2023-11-07T11:49:07	3	0	7	6	1	1.0387	1.0346	-0.0041	0.9677	0.9674	0.0003
2023-11-07T11:56:53	2	0	8	8	0	0.9671	0.9671	0.0000	0.9903	0.9893	0.0010
2023-11-07T11:57:29	1	0	28	28	0	1.0457	1.0457	0.0000	-0.97	-0.9694	-0.0006
2023-11-07T11:58:34	4	0	7	7	0	1.0437	1.0437	0.0000	0.962	0.9619	0.0001
2023-11-07T12:01:17	6	0	4	4	0	1.0218	1.0215	-0.0003	0.9725	0.9726	-0.0001
2023-11-07T12:02:13	2	0	1	1	0	1.0621	1.0621	0.0000	0.9956	0.9959	-0.0003
2023-11-07T12:03:24	2	0	14	13	1	1.0163	1.0131	-0.0032	0.955	0.9511	0.0039
2023-11-07T12:08:06	2	0	19	19	0	1.0505	1.0505	-0.0001	0.9995	0.9995	0.0000
2023-11-07T12:12:16	2	0	2	2	0	1.0013	1.0009	-0.0005	0.9951	0.9951	0.0000
2023-11-07T12:13:08	1	0	86	85	1	1.0806	1.0805	-0.0001	-0.9915	-0.9916	0.0001
2023-11-07T12:13:57	2	0	50	48	2	1.0546	1.0545	-0.0001	0.9871	0.983	0.0041
2023-11-07T12:15:51	6	0	1	1	0	1.0569	1.0568	-0.0001	0.9776	0.9773	0.0003
2023-11-07T12:18:36	2	0	6	6	0	1.0534	1.0532	-0.0001	0.967	0.9669	0.0001
2023-11-07T12:19:09	3	0	7	8	-1	1.0373	1.0397	0.0024	0.974	0.9741	-0.0001
2023-11-07T12:32:07	3	0	10	10	0	1.0382	1.0382	-0.0001	0.9905	0.9901	0.0004

2023-11-07T12:32:59	2	0	4	3	1	1.0134	1.0391	0.0257	0.976	0.9763	-0.0003
2023-11-07T12:58:34	1	0	6	6	0	1.0463	1.0462	-0.0001	-1	-1	0.0000
2023-11-07T13:07:55	2	0	33	33	0	1.0508	1.0508	0.0000	-0.9696	-0.9697	0.0001
2023-11-07T13:10:53	1	0	55	55	0	1.0532	1.0532	0.0000	0.9886	0.9886	0.0000
2023-11-07T13:13:20	1	0	32	31	1	1.0493	1.0491	-0.0002	-0.9991	-0.9991	0.0000
2023-11-07T13:15:53	1	0	79	77	2	1.0487	1.0485	-0.0002	0.9974	0.9974	0.0000
2023-11-07T13:16:23	1	0	2	2	0	0.9714	0.9719	0.0005	0.98	0.9796	0.0004
2023-11-07T13:25:46	4	0	2	2	0	1.0613	1.0604	-0.0010	-0.9966	-0.9964	-0.0002
2023-11-07T13:30:54	1	0	92	90	2	1.0498	1.0497	-0.0002	0.9981	0.9981	0.0000
2023-11-07T13:32:11	1	0	8	8	0	1.0416	1.0416	0.0000	0.9905	0.9903	0.0002
2023-11-07T13:38:49	10	0	196	198	-2	1.0575	1.0575	0.0000	-0.9593	-0.9593	0.0000
2023-11-07T13:46:00	1	0	93	89	4	1.0502	1.0500	-0.0003	0.9973	0.9973	0.0000
2023-11-07T13:47:10	2	0	3	4	-1	1.0181	1.0172	-0.0009	0.9462	0.9459	0.0003
2023-11-07T13:47:12	1	0	7	7	0	1.0412	1.0411	0.0000	0.9896	0.9894	0.0002
2023-11-07T13:47:22	1	0	360	360	0	1.0586	1.0586	0.0000	0.9756	0.9757	-0.0001
2023-11-07T13:54:06	5	0	246	237	9	1.0589	1.0588	-0.0001	-0.9617	-0.9618	0.0001
2023-11-07T13:57:23	1	0	8	9	-1	1.0548	1.0538	-0.0010	0.9947	0.9949	-0.0002
2023-11-07T13:58:15	1	0	84	84	0	1.1232	1.1224	-0.0008	-0.9706	-0.9706	0.0000
2023-11-07T13:58:23	3	0	60	57	3	1.0504	1.0501	-0.0003	-0.9989	-0.9989	0.0000
2023-11-07T14:00:00	1	0	43	42	1	1.0490	1.0488	-0.0002	-0.9908	-0.9908	0.0000
2023-11-07T14:02:13	1	0	9	9	0	1.0392	1.0391	0.0000	0.9884	0.9881	0.0003
2023-11-07T14:02:23	1	0	520	520	0	1.0598	1.0598	0.0000	0.9772	0.9772	0.0000
2023-11-07T14:03:13	1	0	96	96	0	0.9024	0.9046	0.0022	0.9491	0.9496	-0.0005
2023-11-07T14:03:43	2	0	8	8	0	1.0505	1.0504	0.0000	0.9644	0.964	0.0004
2023-11-07T14:04:16	1	0	5	5	0	1.0322	1.0321	-0.0001	0.963	0.9628	0.0002
2023-11-07T14:06:13	2	0	1	0	1	1.0554	null	null	0.9991	0.9991	0.0000
2023-11-07T14:08:14	2	0	8	8	0	1.0498	1.0497	-0.0001	0.997	0.997	0.0000
2023-11-07T14:09:07	8	0	218	216	2	1.0586	1.0585	0.0000	-0.9655	-0.9655	0.0000
2023-11-07T14:10:05	1	0	21	21	0	1.0534	1.0534	0.0000	-0.9175	-0.9171	-0.0004
2023-11-07T14:10:56	3	0	1	1	0	1.0567	1.0563	-0.0004	-0.9946	0.9943	0.0111
2023-11-07T14:11:29	2	0	153	148	5	0.9447	0.9453	0.0006	0.9411	0.9416	-0.0005
2023-11-07T14:11:30	1	0	18	18	0	1.0521	1.0521	0.0000	0.9276	0.9279	-0.0003
2023-11-07T14:12:02	1	0	16	10	6	0.9851	0.9904	0.0053	0.9891	0.9892	-0.0001
2023-11-07T14:12:24	2	0	7	7	0	1.0525	1.0522	-0.0003	0.995	0.9949	0.0001
2023-11-07T14:13:16	2	0	86	86	0	1.0887	1.0885	-0.0002	-0.9728	-0.9728	0.0000
2023-11-07T14:17:14	1	0	7	7	0	1.0382	1.0382	0.0000	0.9901	0.9899	0.0002
2023-11-07T14:17:24	1	0	404	404	0	1.0589	1.0589	0.0000	0.9761	0.9762	-0.0001
2023-11-07T14:18:14	1	0	96	96	0	0.9186	0.9189	0.0003	0.9443	0.9444	-0.0001
2023-11-07T14:19:17	2	0	4	5	-1	1.0248	1.0310	0.0062	0.9634	0.9638	-0.0004
2023-11-07T14:19:36	1	0	1	1	0	1.0363	1.0360	-0.0003	-0.9991	-0.9991	0.0000
2023-11-07T14:19:44	2	0	2	2	0	1.0003	1.0006	0.0002	-0.9979	-0.9979	0.0000
2023-11-07T14:21:40	3	0	4	4	0	1.0581	1.0580	-0.0001	0.9974	0.9973	0.0001
2023-11-07T14:23:15	3	0	12	12	0	1.0491	1.0490	-0.0001	0.9984	0.9984	0.0000
2023-11-07T14:24:08	4	0	171	170	1	1.0571	1.0570	0.0000	-0.9647	-0.9646	-0.0001
2023-11-07T14:25:06	1	0	27	27	0	1.0543	1.0543	0.0000	-0.879	-0.8792	0.0002
2023-11-07T14:25:57	2	0	1	1	0	1.0605	1.0603	-0.0002	-0.9936	-0.9935	-0.0001
2023-11-07T14:26:30	1	0	1	1	0	1.0358	1.0334	-0.0024	0.9601	0.9653	-0.0052
2023-11-07T14:26:31	1	0	27	27	0	1.0548	1.0548	0.0000	0.9312	0.9309	0.0003
2023-11-07T14:26:34	1	0	6	6	0	1.0208	1.0207	-0.0001	0.9979	0.9979	0.0000
2023-11-07T14:27:11	1	0	7	7	0	1.0224	1.0223	-0.0001	0.9909	0.9908	0.0001
2023-11-07T14:27:26	2	0	8	8	0	1.0547	1.0546	-0.0001	0.9953	0.9953	0.0000
2023-11-07T14:27:26	1	0	3	3	0	1.0000	0.9999	-0.0001	0.9923	0.992	0.0003
2023-11-07T14:30:02	1	0	37	36	1	1.0498	1.0496	-0.0002	-0.9909	-0.991	0.0001
2023-11-07T14:30:22	2	0	1	1	0	1.0556	1.0552	-0.0004	-0.9886	-0.9887	0.0001
2023-11-07T14:31:23	2	0	45	45	0	0.9261	0.9260	0.0000	0.9958	0.9957	0.0001
2023-11-07T14:32:26	1	0	467	467	0	1.0596	1.0595	-0.0001	0.9762	0.9763	-0.0001
2023-11-07T14:32:59	4	0	23	23	0	1.0334	1.0334	0.0000	0.9987	0.9988	-0.0001
2023-11-07T14:33:07	2	0	8	8	0	1.0349	1.0347	-0.0002	0.9835	0.9833	0.0002
2023-11-07T14:33:12	10	0	97	89	8	1.0547	1.0547	0.0000	0.9976	0.9975	0.0001
2023-11-07T14:33:15	1	0	97	97	0	0.9189	0.9191	0.0002	0.9476	0.9476	0.0000
2023-11-07T14:34:06	1	0	1	1	0	1.0582	1.0581	-0.0001	0.9637	0.9637	0.0000
2023-11-07T14:34:37	1	0	1	1	0	1.0364	1.0363	-0.0001	-0.9988	-0.9988	0.0000
2023-11-07T14:34:45	2	0	3	3	0	0.9851	0.9852	0.0001	-0.9984	-0.9984	0.0000
2023-11-07T14:35:48	2	0	14	12	2	1.0378	1.0360	-0.0018	0.9859	0.986	-0.0001
2023-11-07T14:36:41	2	0	2	2	0	1.0656	1.0655	-0.0001	0.9929	0.9928	0.0001
2023-11-07T14:38:16	3	0	20	20	0	1.0488	1.0488	0.0000	0.9991	0.9991	0.0000
2023-11-07T14:39:09	7	0	212	207	5	1.0585	1.0585	0.0000	-0.9642	-0.9643	0.0001
2023-11-07T14:40:07	1	0	22	22	0	1.0537	1.0537	0.0000	-0.9276	-0.9276	0.0000
2023-11-07T14:40:12	1	0	5	5	0	1.0479	1.0478	-0.0002	0.9755	0.9747	0.0008
2023-11-07T14:40:29	1	0	82	76	6	0.9427	0.9434	0.0007	-0.9843	-0.9842	-0.0001
2023-11-07T14:41:04	3	0	1	1	0	1.0601	1.0600	-0.0001	-0.9935	-0.9935	0.0000
2023-11-07T14:41:31	1	0	1	1	0	1.0212	1.0210	-0.0002	0.9572	0.951	0.0062
2023-11-07T14:41:32	1	0	26	26	0	1.0546	1.0546	0.0000	0.937	0.9368	0.0002
2023-11-07T14:42:12	1	0	8	8	0	1.0070	1.0070	0.0000	0.9886	0.9885	0.0001
2023-11-07T14:42:26	2	0	10	10	0	1.0530	1.0529	0.0000	0.9958	0.9958	0.0000
2023-11-07T14:43:44	1	0	10	10	0	1.0490	1.0490	0.0000	0.9971	0.9971	0.0000
2023-11-07T14:43:45	4	0	11	10	1	1.0290	1.0292	0.0003	0.9768	0.9766	0.0002
2023-11-07T14:43:46	1	0	48	48	0	1.0539	1.0539	0.0000	0.9999	0.9999	0.0000
2023-11-07T14:45:03	1	0	38	38	0	1.0491	1.0491	0.0000	-0.9928	-0.9929	0.0001
2023-11-07T14:46:16	1	0	100	99	1	1.0508	1.0509	0.0000	0.9976	0.9976	0.0000
2023-11-07T14:48:03	4	0	18	18	0	1.0322	1.0321	-0.0001	0.9984	0.9985	-0.0001
2023-11-07T14:48:36	3	0	20	19	1	1.0427	1.0419	-0.0008	0.9629	0.9626	0.0003
2023-11-07T14:48:39	1	0	130	123	7	1.0545	1.0544	-0.0001	0.9985	0.9984	0.0001
2023-11-07T14:49:19	3	0	9	8	1	1.0216	1.0158	-0.0058	0.9616	0.9613	0.0003
2023-11-07T14:51:42	1	0	2	2	0	1.0566	1.0565	-0.0001	0.9933	0.9933	0.0000

2023-11-07T14:54:10	2	0	218	217	1	1.0585	1.0584	0.0000	-0.9619	-0.9618	-0.0001
2023-11-07T14:56:36	1	0	9	9	0	1.0196	1.0196	0.0000	0.9911	0.9911	0.0000
2023-11-07T14:57:27	2	0	1	1	0	1.0570	1.0560	-0.0010	0.9958	0.9956	0.0002
2023-11-07T14:57:33	1	0	1	1	0	1.0577	1.0572	-0.0005	0.9812	0.9796	0.0016
2023-11-07T14:59:33	1	0	64	63	1	1.0553	1.0552	-0.0001	0.9905	0.9902	0.0003
2023-11-07T15:00:49	2	0	7	7	0	1.0086	1.0084	-0.0002	0.9716	0.9713	0.0003
2023-11-07T15:01:21	1	0	111	108	3	1.0517	1.0517	0.0001	0.9981	0.998	0.0001
2023-11-07T15:01:34	1	0	2	2	0	1.0512	1.0499	-0.0013	0.9494	0.9775	-0.0281
2023-11-07T15:02:35	2	0	2	1	1	1.0385	1.0379	-0.0006	-0.9999	-1	0.0001
2023-11-07T15:03:07	1	0	13	13	0	1.0321	1.0320	-0.0001	0.998	0.9982	-0.0002
2023-11-07T15:03:17	1	0	1	0	1	1.0576	null	null	0.9544	0.9543	0.0001
2023-11-07T15:04:42	1	0	3	3	0	1.0671	1.0671	0.0000	0.9859	0.9859	0.0000
2023-11-07T15:10:35	1	0	1	1	0	1.0595	1.0592	-0.0003	0.9973	0.9962	0.0011
2023-11-07T15:10:54	2	0	1	0	1	0.9449	null	null	0.9927	0.9926	0.0001
2023-11-07T15:14:37	1	0	154	151	3	1.0567	1.0567	0.0000	0.9946	0.9945	0.0001
2023-11-07T15:17:18	2	0	11	11	0	1.0382	1.0381	-0.0001	0.9903	0.9899	0.0004
2023-11-07T15:18:18	1	0	2	0	2	1.0562	null	null	0.9526	0.9526	0.0000
2023-11-07T15:19:21	2	0	2	2	0	0.9392	0.9947	0.0555	0.9443	0.9449	-0.0006
2023-11-07T15:29:42	1	0	74	73	1	1.0551	1.0551	0.0000	0.9903	0.9903	0.0000
2023-11-07T15:31:17	2	0	16	16	0	1.0462	1.0462	0.0000	-0.9898	-0.9898	0.0000
2023-11-07T15:33:11	1	0	5	6	-1	1.0338	1.0190	-0.0148	0.9831	0.9831	0.0000
2023-11-07T15:34:06	1	0	5	5	0	1.0139	1.0138	-0.0001	0.9837	0.9841	-0.0004
2023-11-07T15:35:36	1	0	2	2	0	1.0398	1.0394	-0.0005	0.9681	0.9681	0.0000
2023-11-07T15:40:37	1	0	2	2	0	1.0398	1.0396	-0.0003	0.9989	0.9994	-0.0005
2023-11-07T15:46:37	7	0	5	4	1	1.0241	1.0146	-0.0095	0.9552	0.9532	0.0020
2023-11-07T15:48:12	1	0	5	6	-1	1.0338	1.0190	-0.0148	0.9818	0.9818	0.0000
2023-11-07T15:50:55	2	0	1	0	1	1.0451	null	null	-0.7525	-0.752	-0.0005
2023-11-07T15:57:31	2	0	3	3	0	0.9978	0.9973	-0.0005	0.9974	0.9977	-0.0003
2023-11-07T16:03:13	1	0	6	7	-1	1.0339	1.0212	-0.0127	0.9829	0.983	-0.0001
2023-11-07T16:04:31	1	0	5	6	-1	1.0234	1.0287	0.0053	0.9646	0.9647	-0.0001
2023-11-07T16:05:56	2	0	2	2	0	1.0463	1.0457	-0.0005	-0.7485	-0.749	0.0005
2023-11-07T16:06:31	1	0	4	4	0	1.0111	1.0111	-0.0001	-1	-1	0.0000
2023-11-07T16:10:58	2	0	2	2	0	0.9425	0.9430	0.0006	0.9837	0.9837	0.0000
2023-11-07T16:15:18	1	0	19	19	0	1.0502	1.0502	0.0000	0.9974	0.9974	0.0000
2023-11-07T16:17:40	1	0	2	2	0	1.0377	1.0376	-0.0001	-1	-1	0.0000
2023-11-07T16:18:14	1	0	6	6	0	1.0337	1.0337	0.0000	0.9852	0.9852	0.0000
2023-11-07T16:30:19	1	0	16	16	0	1.0504	1.0504	0.0000	0.9981	0.9969	0.0012
2023-11-07T16:36:19	2	0	38	30	8	0.9417	0.9417	-0.0001	0.9988	0.9991	-0.0003
2023-11-07T16:45:20	1	0	18	18	0	1.0505	1.0505	0.0000	0.9982	0.9982	0.0000
2023-11-07T16:45:56	1	0	19	18	1	0.9958	0.9959	0.0001	0.9732	0.9732	0.0000
2023-11-07T16:49:34	1	0	60	56	4	0.9642	0.9643	0.0001	0.9781	0.9779	0.0002
2023-11-07T17:00:21	1	0	18	18	0	1.0507	1.0506	-0.0001	0.998	0.9968	0.0012
2023-11-07T17:21:21	8	0	32	32	0	1.0508	1.0508	0.0000	-0.9934	-0.9933	-0.0001
2023-11-08T07:52:10	2	0	49	48	1	0.9415	0.9415	0.0001	-0.9792	-0.9781	-0.0011
2023-11-08T07:53:15	5	0	1058	1058	0	1.0851	1.0851	0.0000	0.9979	0.9979	0.0000
2023-11-08T07:53:37	1	0	144	144	0	1.0586	1.0586	-0.0001	0.999	0.999	0.0000
2023-11-08T08:05:20	1	0	68	67	1	0.9611	0.9611	0.0001	0.9581	0.9577	0.0004
2023-11-08T08:08:45	2	0	81	80	1	0.9182	0.9185	0.0003	0.9709	0.9709	0.0000
2023-11-08T08:14:48	2	0	11	11	0	0.9943	0.9944	0.0001	0.9809	0.9808	0.0001
2023-11-08T08:15:29	2	0	24	23	1	1.0442	1.0441	-0.0001	-0.9654	-0.9654	0.0000
2023-11-08T08:16:02	2	0	62	61	1	1.0533	1.0532	-0.0001	-0.8977	-0.8972	-0.0005
2023-11-08T08:31:15	1	0	17	17	0	1.0503	1.0502	0.0000	0.9982	0.9981	0.0001
2023-11-08T08:33:30	1	0	301	301	0	1.0583	1.0583	0.0000	0.9921	0.9921	0.0000
2023-11-08T08:36:38	2	0	22	22	0	0.9408	0.9412	0.0004	0.8522	0.8526	-0.0004
2023-11-08T08:38:16	1	0	8	8	0	0.9531	0.9532	0.0001	0.9961	0.9962	-0.0001
2023-11-08T08:42:32	1	0	1	1	0	1.0265	1.0252	-0.0013	-0.9751	-0.9748	-0.0003
2023-11-08T08:46:16	4	0	34	32	2	1.0524	1.0524	0.0000	0.9977	0.9976	0.0001
2023-11-08T08:51:39	2	0	12	10	2	1.0490	1.0474	-0.0016	-0.9929	-0.993	0.0001
2023-11-08T08:59:51	2	0	7	7	0	0.9744	0.9744	0.0000	0.9661	0.966	0.0001
2023-11-08T09:00:32	2	0	22	22	0	1.0482	1.0482	0.0000	-0.9584	-0.9583	-0.0001
2023-11-08T09:01:05	2	0	55	54	1	1.0535	1.0534	-0.0001	-0.8849	-0.8845	-0.0004
2023-11-08T09:02:02	2	0	1	1	0	0.9295	0.9295	0.0000	0.9786	0.9785	0.0001
2023-11-08T09:03:32	1	0	484	484	0	1.0604	1.0604	0.0000	0.9937	0.9937	0.0000
2023-11-08T09:05:24	1	0	11	11	0	0.9433	0.9437	0.0004	0.9565	0.9559	0.0006
2023-11-08T09:06:40	2	0	26	23	3	0.9403	0.9403	0.0000	0.8478	0.8483	-0.0005
2023-11-08T09:08:18	1	0	6	6	0	0.9522	0.9523	0.0001	0.9959	0.996	-0.0001
2023-11-08T09:08:49	2	0	68	64	4	0.9240	0.9244	0.0004	0.9731	0.9732	-0.0001
2023-11-08T09:10:01	3	0	184	182	2	1.0579	1.0577	-0.0002	-0.9649	-0.9647	-0.0002
2023-11-08T09:11:15	2	0	6	6	0	1.0522	1.0518	-0.0004	0.9938	0.9936	0.0002
2023-11-08T09:15:34	1	0	28	27	1	1.0441	1.0441	-0.0001	-0.9567	-0.9567	0.0000
2023-11-08T09:16:18	3	0	36	26	10	1.0530	1.0524	-0.0006	0.9981	0.9978	0.0003
2023-11-08T09:19:12	2	0	6	6	0	1.0299	1.0297	-0.0002	0.9703	0.9704	-0.0001
2023-11-08T09:20:12	1	0	3	3	0	0.9972	0.9970	-0.0002	0.9916	0.9917	-0.0001
2023-11-08T09:22:21	4	0	7	7	0	1.0353	1.0352	-0.0001	0.9985	0.9984	0.0001
2023-11-08T09:27:09	1	0	58	53	5	1.0556	1.0554	-0.0001	0.9999	0.9999	0.0000
2023-11-08T09:27:58	1	0	104	100	4	0.9646	0.9649	0.0004	0.9792	0.9793	-0.0001
2023-11-08T09:30:09	1	0	5	5	0	1.0283	1.0281	-0.0002	0.9974	0.9973	0.0001
2023-11-08T09:33:21	1	0	11	10	1	1.0315	1.0317	0.0002	0.9952	0.995	0.0002
2023-11-08T09:33:44	1	0	2	2	0	1.0401	1.0398	-0.0004	-1	-1	0.0000
2023-11-08T09:35:26	1	0	1	1	0	0.9433	0.9436	0.0003	0.9661	0.9664	-0.0003
2023-11-08T09:35:36	4	0	5	5	0	1.0198	1.0192	-0.0006	0.9994	0.9994	0.0000
2023-11-08T09:37:22	6	0	24	23	1	1.0482	1.0455	-0.0026	0.9996	0.9996	0.0000
2023-11-08T09:38:42	1	0	1	1	0	0.9400	0.9409	0.0009	-0.9991	-0.9989	-0.0002
2023-11-08T09:42:36	1	0	2	2	0	1.0329	1.0301	-0.0028	-0.9648	-0.9654	0.0006
2023-11-08T09:43:34	1	0	2	2	0	0.9825	0.9823	-0.0003	0.9963	0.9962	0.0001

2023-11-08T09:44:28	1	0	7	7	0	1.0223	1.0222	0.0000	-0.9761	-0.9831	0.0070
2023-11-08T09:46:08	1	0	92	91	1	1.0567	1.0567	0.0000	-0.8849	-0.8845	-0.0004
2023-11-08T09:47:37	1	0	1	1	0	0.8898	0.8901	0.0003	0.9903	0.9901	0.0002
2023-11-08T09:48:22	1	0	11	10	1	1.0408	1.0401	-0.0007	0.9963	0.9961	0.0002
2023-11-08T09:48:40	11	0	18	10	8	1.0529	1.0513	-0.0016	-0.9569	-0.9572	0.0003
2023-11-08T09:48:43	2	0	12	11	1	1.0462	1.0460	-0.0002	0.9174	0.9171	0.0003
2023-11-08T09:48:56	3	0	23	22	1	1.0319	1.0319	0.0000	1	1	0.0000
2023-11-08T09:49:18	5	0	87	80	7	1.0532	1.0529	-0.0002	0.9769	0.9768	0.0001
2023-11-08T09:50:37	4	0	127	118	9	1.0600	1.0591	-0.0009	-0.9981	-0.9982	0.0001
2023-11-08T09:50:51	2	0	27	26	1	1.0526	1.0521	-0.0005	0.9986	0.9985	0.0001
2023-11-08T09:51:52	2	0	3	3	0	1.0358	1.0356	-0.0002	0.9864	0.9864	0.0000
2023-11-08T09:52:03	2	0	3	3	0	1.0474	1.0470	-0.0004	-0.7353	-0.7364	0.0011
2023-11-08T09:52:35	1	0	4	4	0	1.0098	1.0097	-0.0001	0.9993	0.9992	0.0001
2023-11-08T09:53:21	1	0	6	6	0	0.9744	0.9743	-0.0002	0.9968	0.9968	0.0000
2023-11-08T09:55:04	3	0	205	200	5	1.0581	1.0581	-0.0001	-0.9531	-0.953	-0.0001
2023-11-08T09:55:51	5	0	20	18	2	1.0353	1.0355	0.0002	0.9996	0.9996	0.0000
2023-11-08T09:56:37	3	0	1	0	1	1.0553	null	null	-0.9908	-0.9908	0.0000
2023-11-08T09:57:01	2	0	3	3	0	0.8312	0.8313	0.0001	0.9658	0.9672	-0.0014
2023-11-08T09:57:30	1	0	1	0	1	1.0378	null	null	0.9846	0.9846	0.0000
2023-11-08T10:01:21	4	0	20	20	0	1.0486	1.0485	-0.0001	0.9983	0.9982	0.0001
2023-11-08T10:01:24	1	0	1	1	0	1.0644	1.0640	-0.0004	-0.9799	-0.9797	-0.0002
2023-11-08T10:02:38	5	0	1	1	0	1.0470	1.0452	-0.0018	0.9437	0.9417	0.0020
2023-11-08T10:02:42	1	0	2	2	0	1.0252	1.0250	-0.0002	0.9985	0.9985	0.0000
2023-11-08T10:02:46	1	0	728	777	-49	0.8097	0.8188	0.0091	0.8876	0.9052	-0.0176
2023-11-08T10:03:46	1	0	1	1	0	1.0401	1.0397	-0.0004	-1	-1	0.0000
2023-11-08T10:03:58	1	0	19	19	0	1.0305	1.0304	0.0000	0.9999	0.9999	0.0000
2023-11-08T10:04:19	7	0	72	69	3	1.0527	1.0526	-0.0001	0.9785	0.9785	0.0000
2023-11-08T10:05:38	4	0	190	187	3	1.0685	1.0681	-0.0004	-0.9808	-0.981	0.0002
2023-11-08T10:05:41	1	0	10	10	0	1.0455	1.0455	-0.0001	0.9989	0.9989	0.0000
2023-11-08T10:05:52	1	0	16	14	2	1.0498	1.0502	0.0004	0.9983	0.9983	0.0000
2023-11-08T10:07:13	4	0	5	5	0	1.0280	1.0278	-0.0003	0.9924	0.9916	0.0008
2023-11-08T10:07:24	5	0	21	21	0	1.0490	1.0466	-0.0024	0.9999	0.9995	0.0004
2023-11-08T10:07:36	1	0	5	5	0	1.0100	1.0100	0.0000	-0.9999	-1	0.0001
2023-11-08T10:08:53	1	0	143	143	0	0.9214	0.9216	0.0002	0.9495	0.9495	0.0000
2023-11-08T10:09:35	3	0	3	2	1	1.0356	1.0345	-0.0011	0.9969	0.9967	0.0002
2023-11-08T10:10:05	2	0	186	183	3	1.0582	1.0582	0.0000	-0.9513	-0.9511	-0.0002
2023-11-08T10:10:17	5	0	21	13	8	0.9411	0.9414	0.0002	0.9948	0.995	-0.0002
2023-11-08T10:11:39	2	0	2	2	0	1.0454	1.0450	-0.0005	0.9953	0.9953	0.0000
2023-11-08T10:11:50	1	0	9	9	0	1.0201	1.0201	0.0000	0.9999	0.9999	0.0000
2023-11-08T10:12:31	1	0	1	1	0	1.0390	1.0381	-0.0009	0.9828	0.9827	0.0001
2023-11-08T10:13:29	1	0	129	126	3	0.9624	0.9627	0.0003	0.9728	0.973	-0.0002
2023-11-08T10:13:40	1	0	2	2	0	1.0677	1.0672	-0.0005	0.9965	0.9965	0.0000
2023-11-08T10:13:41	1	0	22	21	1	1.0491	1.0487	-0.0004	1	1	0.0000
2023-11-08T10:14:59	1	0	11	11	0	0.9750	0.9751	0.0001	0.9576	0.9577	-0.0001
2023-11-08T10:16:16	2	0	41	40	1	1.0482	1.0482	0.0000	-0.9927	-0.9928	0.0001
2023-11-08T10:16:38	1	0	2	2	0	1.0360	1.0359	-0.0002	-0.9992	-0.9992	0.0000
2023-11-08T10:19:20	3	0	144	130	14	1.0543	1.0542	-0.0001	0.9778	0.9776	0.0002
2023-11-08T10:19:24	1	0	1	1	0	1.0133	1.0127	-0.0006	0.9548	0.9546	0.0002
2023-11-08T10:19:48	2	0	19	18	1	0.9860	0.9820	-0.0040	0.9437	0.9436	0.0001
2023-11-08T10:20:51	2	0	4	4	0	0.9978	0.9980	0.0002	-0.9995	-0.9995	0.0000
2023-11-08T10:21:09	6	0	17	14	3	1.0538	1.0540	0.0002	0.9963	0.9962	0.0001
2023-11-08T10:22:06	2	0	5	5	0	1.0484	1.0481	-0.0003	-0.6985	-0.6995	0.0010
2023-11-08T10:22:37	1	0	2	2	0	1.0342	1.0339	-0.0003	-0.9984	-0.9983	-0.0001
2023-11-08T10:22:37	4	0	6	6	0	1.0082	1.0077	-0.0005	0.9998	0.9996	0.0002
2023-11-08T10:23:47	3	0	5	5	0	1.0215	1.0212	-0.0002	0.9955	0.9955	0.0000
2023-11-08T10:25:06	4	0	184	182	2	1.0578	1.0578	0.0000	-0.9526	-0.9525	-0.0001
2023-11-08T10:25:58	1	0	106	104	2	1.0582	1.0582	0.0001	0.9988	0.9988	0.0000
2023-11-08T10:26:39	2	0	1	0	1	1.0554	null	null	-0.9913	-0.9915	0.0002
2023-11-08T10:26:40	2	0	4	4	0	1.0426	1.0422	-0.0004	0.9959	0.9948	0.0011
2023-11-08T10:28:42	1	0	24	23	1	1.0494	1.0491	-0.0003	1	1	0.0000
2023-11-08T10:32:08	1	0	87	86	1	1.0497	1.0497	-0.0001	0.9993	0.9993	0.0000
2023-11-08T10:32:13	2	0	1	0	1	1.0576	null	null	0.9963	0.9963	0.0000
2023-11-08T10:32:40	1	0	4	4	0	1.0271	1.0270	-0.0001	0.9711	0.9705	0.0006
2023-11-08T10:32:40	3	0	2	2	0	0.9793	0.9786	-0.0007	0.9911	0.9908	0.0003
2023-11-08T10:33:21	1	0	1	1	0	1.0267	1.0259	-0.0008	0.9806	0.9803	0.0003
2023-11-08T10:33:43	7	0	16	14	2	1.0552	1.0548	-0.0003	-0.9563	-0.962	0.0057
2023-11-08T10:34:01	1	0	23	23	0	1.0351	1.0351	0.0000	0.9999	0.9999	0.0000
2023-11-08T10:34:17	1	0	3	3	0	1.0297	1.0295	-0.0001	0.9627	0.9626	0.0001
2023-11-08T10:37:21	2	0	1	0	1	0.9448	null	null	-0.977	-0.9761	-0.0009
2023-11-08T10:37:38	1	0	3	3	0	1.0301	1.0300	-0.0002	-0.9992	-0.9991	-0.0001
2023-11-08T10:37:38	1	0	5	5	0	1.0093	1.0091	-0.0002	0.999	0.9988	0.0002
2023-11-08T10:38:48	1	0	16	15	1	1.0457	1.0448	-0.0009	0.9953	0.9953	0.0000
2023-11-08T10:40:07	2	0	190	189	1	1.0580	1.0580	0.0000	-0.952	-0.9519	-0.0001
2023-11-08T10:41:01	2	0	736	765	-29	0.8118	0.8151	0.0032	0.8835	0.9021	-0.0186
2023-11-08T10:41:58	2	0	1	1	0	1.0575	1.0571	-0.0004	-0.9911	-0.9913	0.0002
2023-11-08T10:42:14	1	0	9	9	0	1.0502	1.0502	0.0000	1	1	0.0000
2023-11-08T10:42:44	1	0	27	27	0	1.0543	1.0543	0.0000	0.9369	0.936	0.0009
2023-11-08T10:43:39	1	0	3	3	0	1.0547	1.0545	-0.0002	0.9937	0.9935	0.0002
2023-11-08T10:45:01	1	0	7	7	0	1.0013	1.0014	0.0001	0.9602	0.9602	0.0000
2023-11-08T10:45:09	1	0	15	15	0	1.0631	1.0620	-0.0011	0.9868	0.9869	-0.0001
2023-11-08T10:47:31	3	0	15	11	4	1.0465	1.0469	0.0003	0.9975	0.9974	0.0001
2023-11-08T10:47:41	1	0	3	3	0	1.0301	1.0301	-0.0001	0.97	0.9707	-0.0007
2023-11-08T10:48:09	3	0	6	6	0	1.0378	1.0373	-0.0005	-0.9984	-0.9984	0.0000
2023-11-08T10:48:44	3	0	12	11	1	1.0521	1.0517	-0.0004	-0.954	-0.9545	0.0005
2023-11-08T10:50:31	2	0	2	1	1	1.0011	0.9407	-0.0604	0.9589	0.9586	0.0003

2023-11-08T10:50:41	2	0	76	73	3	0.9321	0.9324	0.0003	-0.9996	-0.9996	0.0000
2023-11-08T10:50:42	1	0	3	3	0	1.0681	1.0680	-0.0001	0.9612	0.961	0.0002
2023-11-08T10:51:59	1	0	6	7	-1	1.0491	1.0485	-0.0006	0.9953	0.9952	0.0001
2023-11-08T10:52:48	2	0	2	2	0	1.0648	1.0644	-0.0005	0.9913	0.991	0.0003
2023-11-08T10:53:25	1	0	6	6	0	0.9747	0.9749	0.0002	0.9979	0.9979	0.0000
2023-11-08T10:54:31	2	0	4	4	0	1.0422	1.0419	-0.0003	0.9985	0.9984	0.0001
2023-11-08T10:54:41	1	0	1	1	0	1.0623	1.0619	-0.0004	0.9957	0.9956	0.0001
2023-11-08T10:55:08	1	0	190	189	1	1.0579	1.0579	0.0000	-0.9489	-0.9487	-0.0002
2023-11-08T10:56:53	1	0	4	4	0	1.0178	1.0178	-0.0001	1	1	0.0000
2023-11-08T10:58:44	3	0	18	15	3	1.0500	1.0488	-0.0012	0.9999	0.9999	0.0000
2023-11-08T11:00:11	1	0	24	24	0	1.0465	1.0464	-0.0001	0.9942	0.9942	0.0000
2023-11-08T11:01:28	1	0	1	1	0	1.0245	1.0243	-0.0002	0.9999	0.9998	0.0001
2023-11-08T11:01:44	1	0	5	5	0	1.0454	1.0453	-0.0002	0.9911	0.991	0.0001
2023-11-08T11:02:15	1	0	78	77	1	1.0492	1.0491	-0.0001	0.9993	0.9993	0.0000
2023-11-08T11:02:42	1	0	6	5	1	1.0447	1.0403	-0.0044	0.9607	0.9599	0.0008
2023-11-08T11:03:10	1	0	1	0	1	1.0550	null	null	-0.997	-0.997	0.0000
2023-11-08T11:03:45	7	0	17	15	2	1.0536	1.0528	-0.0008	-0.9535	-0.9538	0.0003
2023-11-08T11:03:48	2	0	9	9	0	1.0474	1.0471	-0.0003	0.9125	0.9118	0.0007
2023-11-08T11:03:50	1	0	4	4	0	1.0360	1.0359	-0.0001	0.9996	0.9996	0.0000
2023-11-08T11:04:03	2	0	21	21	0	1.0320	1.0318	-0.0001	0.9997	0.9996	0.0001
2023-11-08T11:04:23	1	0	170	165	5	1.0548	1.0548	0.0000	0.9768	0.9767	0.0001
2023-11-08T11:04:51	1	0	16	15	1	1.0143	1.0116	-0.0027	0.9534	0.9533	0.0001
2023-11-08T11:05:19	1	0	3	3	0	0.9964	0.9963	-0.0001	0.9873	0.9876	-0.0003
2023-11-08T11:05:27	1	0	2	1	1	1.0484	1.0414	-0.0070	0.962	0.9619	0.0001
2023-11-08T11:05:32	1	0	1	3	-2	0.9372	0.9791	0.0419	0.9658	0.9658	0.0000
2023-11-08T11:05:55	5	0	11	10	1	0.9587	0.9586	0.0000	-0.9994	-0.9993	-0.0001
2023-11-08T11:06:24	2	0	170	165	5	1.0590	1.0589	-0.0002	0.9984	0.9983	0.0001
2023-11-08T11:07:00	2	0	57	56	1	1.0559	1.0562	0.0003	0.9979	0.9967	0.0012
2023-11-08T11:07:09	1	0	6	6	0	1.0516	1.0515	-0.0001	-0.7154	-0.7157	0.0003
2023-11-08T11:07:28	9	0	18	17	1	1.0528	1.0523	-0.0005	-0.9998	-0.9998	0.0000
2023-11-08T11:10:26	1	0	7	7	0	1.0337	1.0336	-0.0001	0.9992	0.9992	0.0000
2023-11-08T11:11:23	1	0	84	84	0	1.0566	1.0565	0.0000	0.9774	0.9765	0.0009
2023-11-08T11:12:50	1	0	8	8	0	1.0192	1.0192	-0.0001	0.9995	0.9994	0.0001
2023-11-08T11:13:40	1	0	2	2	0	0.9985	0.9980	-0.0006	0.9956	0.9954	0.0002
2023-11-08T11:14:16	3	0	19	19	0	0.9922	0.9920	-0.0002	0.9715	0.9711	0.0004
2023-11-08T11:15:22	1	0	70	68	2	1.0550	1.0549	-0.0002	0.9897	0.9893	0.0004
2023-11-08T11:15:54	1	0	2	2	0	1.0372	1.0369	-0.0003	0.9956	0.9955	0.0001
2023-11-08T11:16:20	1	0	40	39	1	1.0482	1.0479	-0.0003	-0.9932	-0.9933	0.0001
2023-11-08T11:16:38	1	0	11	10	1	1.0468	1.0468	0.0000	0.9982	0.9981	0.0001
2023-11-08T11:19:17	2	0	45	45	0	0.9325	0.9325	-0.0001	0.9978	0.9977	0.0001
2023-11-08T11:19:28	1	0	3	3	0	1.0242	1.0240	-0.0002	0.9783	0.978	0.0003
2023-11-08T11:19:28	1	0	96	95	1	0.9064	0.9090	0.0026	0.9532	0.9538	-0.0006
2023-11-08T11:20:44	1	0	3	3	0	1.0714	1.0713	-0.0001	0.9389	0.9388	0.0001
2023-11-08T11:21:12	1	0	269	268	1	1.0554	1.0554	0.0000	0.9964	0.9964	0.0000
2023-11-08T11:22:01	1	0	54	54	0	1.0561	1.0560	-0.0001	0.997	0.9969	0.0001
2023-11-08T11:22:50	1	0	4	4	0	1.0581	1.0579	-0.0002	0.9955	0.9952	0.0003
2023-11-08T11:23:59	1	0	43	43	0	0.9279	0.9280	0.0000	0.9638	0.9643	-0.0005
2023-11-08T11:27:43	2	0	1	0	1	1.0361	null	null	-0.9778	-0.9775	-0.0003
2023-11-08T11:27:47	1	0	20	20	0	1.0531	1.0531	0.0000	0.9326	0.9326	0.0000
2023-11-08T11:28:42	2	0	4	4	0	1.0282	1.0279	-0.0003	0.973	0.9728	0.0002
2023-11-08T11:29:32	3	0	23	20	3	0.9967	0.9967	0.0000	0.9721	0.9722	-0.0001
2023-11-08T11:29:35	1	0	84	84	0	1.0588	1.0586	-0.0002	-0.9744	-0.979	0.0046
2023-11-08T11:30:13	1	0	8	8	0	1.0460	1.0460	0.0000	0.9804	0.9804	0.0000
2023-11-08T11:30:27	1	0	69	66	3	1.0553	1.0553	-0.0001	0.9906	0.9905	0.0001
2023-11-08T11:31:21	1	0	48	47	1	1.0491	1.0490	-0.0002	-0.992	-0.992	0.0000
2023-11-08T11:33:42	1	0	143	143	0	1.0559	1.0559	0.0000	0.9906	0.9907	-0.0001
2023-11-08T11:34:18	2	0	45	45	0	0.9330	0.9330	0.0000	0.997	0.9971	-0.0001
2023-11-08T11:34:21	2	0	9	8	1	1.0241	1.0351	0.0110	0.9764	0.9765	-0.0001
2023-11-08T11:35:29	1	0	2	2	0	1.0489	1.0488	-0.0002	0.9642	0.9642	0.0000
2023-11-08T11:36:50	2	0	25	18	7	0.9477	0.9516	0.0039	0.8378	0.8399	-0.0021
2023-11-08T11:37:19	3	0	1	1	0	1.0307	1.0306	-0.0001	0.9864	0.9867	-0.0003
2023-11-08T11:38:44	2	0	4	5	-1	1.0423	1.0448	0.0025	-0.9997	-0.9997	0.0000
2023-11-08T11:39:34	3	0	10	10	0	1.0473	1.0473	0.0000	0.9984	0.9984	0.0000
2023-11-08T11:41:45	5	0	2	2	0	1.0755	1.0750	-0.0004	0.9989	0.9989	0.0000
2023-11-08T11:41:58	2	0	6	7	-1	1.0208	1.0200	-0.0008	1	1	0.0000
2023-11-08T11:43:43	2	0	4	5	-1	1.0423	1.0359	-0.0063	0.9812	0.9812	0.0000
2023-11-08T11:44:32	2	0	25	21	4	0.9930	0.9931	0.0001	0.9674	0.9675	-0.0001
2023-11-08T11:45:14	1	0	9	9	0	1.0477	1.0477	0.0000	0.9793	0.9793	0.0000
2023-11-08T11:45:32	1	0	32	32	0	1.0522	1.0522	-0.0001	0.9929	0.9929	0.0000
2023-11-08T11:47:13	3	0	28	28	0	0.9370	0.9371	0.0000	0.9431	0.9431	0.0000
2023-11-08T11:47:45	3	0	16	15	1	1.0574	1.0576	0.0001	0.9384	0.9719	-0.0335
2023-11-08T11:48:43	1	0	220	220	0	1.0569	1.0569	0.0000	0.992	0.992	0.0000
2023-11-08T11:48:53	3	0	2	1	1	1.0485	1.0558	0.0073	-1	-1	0.0000
2023-11-08T11:49:19	2	0	47	47	0	0.9454	0.9454	0.0000	0.9962	0.9963	-0.0001
2023-11-08T11:50:05	4	0	11	9	2	1.0528	1.0509	-0.0019	0.9671	0.9661	0.0010
2023-11-08T11:50:35	3	0	3	2	1	1.0215	0.9976	-0.0239	0.9633	0.9625	0.0008
2023-11-08T11:51:51	2	0	95	95	0	1.0582	1.0569	-0.0013	-0.9878	-0.9901	0.0023
2023-11-08T11:52:24	4	0	1	1	0	1.0284	1.0283	-0.0001	0.9828	0.9831	-0.0003
2023-11-08T11:52:31	2	0	76	76	0	1.0425	1.0424	-0.0001	-0.9972	-0.9972	0.0000
2023-11-08T11:53:53	4	0	9	10	-1	1.0357	1.0363	0.0005	0.9975	0.9976	-0.0001
2023-11-08T11:53:58	2	0	3	3	0	1.0554	1.0554	0.0000	-0.9981	-0.9982	0.0001
2023-11-08T11:59:30	5	0	5	5	0	1.0318	1.0316	-0.0002	-0.9996	-0.9996	0.0000
2023-11-08T12:00:15	1	0	9	9	0	1.0491	1.0491	0.0000	0.9807	0.9808	-0.0001
2023-11-08T12:04:20	2	0	50	50	0	0.9604	0.9604	0.0000	0.998	0.9981	-0.0001
2023-11-08T12:04:23	2	0	5	7	-2	1.0388	1.0244	-0.0144	0.9814	0.9816	-0.0002

2023-11-08T12:05:12	3	0	7	8	-1	1.0508	1.0516	0.0008	0.9643	0.9645	-0.0002
2023-11-08T12:07:24	1	0	21	20	1	1.0476	1.0470	-0.0005	0.9999	0.9999	0.0000
2023-11-08T12:08:59	2	0	4	4	0	1.0532	1.0532	0.0000	-0.998	-0.998	0.0000
2023-11-08T12:13:45	2	0	5	6	-1	1.0361	1.0319	-0.0042	0.9788	0.9788	0.0000
2023-11-08T12:17:42	1	0	97	95	2	1.0498	1.0497	-0.0002	0.9997	0.9997	0.0000
2023-11-08T12:20:37	4	0	3	2	1	1.0573	1.0563	-0.0010	0.9807	0.9808	-0.0001
2023-11-08T12:29:39	1	0	85	85	0	1.1251	1.1251	0.0000	-0.9999	-0.9986	-0.0013
2023-11-08T12:29:45	2	0	1	2	-1	0.9981	0.9715	-0.0266	0.9818	0.9818	0.0000
2023-11-08T12:30:38	1	0	35	35	0	1.0515	1.0516	0.0000	0.9926	0.9928	-0.0002
2023-11-08T12:39:38	3	0	8	9	-1	1.0451	1.0453	0.0002	0.9941	0.9941	0.0000
2023-11-08T12:47:17	3	0	2	2	0	0.9950	0.9950	0.0000	0.9746	0.9744	0.0002
2023-11-08T12:50:39	3	0	1	1	0	0.9419	0.9421	0.0002	0.975	0.9751	-0.0001
2023-11-08T12:59:41	1	0	83	83	0	1.0784	1.0783	0.0000	-0.9989	-0.9998	0.0009
2023-11-08T13:00:28	1	0	4	4	0	1.0087	1.0086	-0.0001	-0.9706	-0.9705	-0.0001
2023-11-08T13:04:27	2	0	12	13	-1	1.0367	1.0293	-0.0074	0.9858	0.9857	0.0001
2023-11-08T13:06:57	2	0	26	26	0	1.0541	1.0541	0.0000	0.9986	0.9989	-0.0003
2023-11-08T13:19:02	3	0	3	2	1	1.0466	1.0493	0.0026	-1	-1	0.0000
2023-11-08T13:22:37	2	0	68	68	0	1.0031	1.0031	0.0000	-0.9986	-0.9986	0.0000
2023-11-08T13:24:02	4	0	9	10	-1	1.0378	1.0402	0.0024	0.9954	0.9955	-0.0001
2023-11-08T13:26:52	4	0	5	5	0	1.0646	1.0646	0.0000	0.9977	0.9985	-0.0008
2023-11-08T13:34:29	2	0	10	9	1	1.0263	1.0359	0.0096	0.9814	0.9816	-0.0002
2023-11-08T13:35:18	1	0	8	8	0	1.0535	1.0534	-0.0001	0.9655	0.9656	-0.0001
2023-11-08T13:36:59	2	0	119	119	0	1.0588	1.0586	-0.0002	-0.9886	-0.9891	0.0005
2023-11-08T13:42:05	2	0	4	4	0	1.0662	1.0662	-0.0001	0.9969	0.9957	0.0012
2023-11-08T13:48:51	1	0	340	340	0	1.0589	1.0589	0.0000	0.9937	0.9938	-0.0001
2023-11-08T13:49:30	1	0	12	12	0	1.0341	1.0341	0.0000	0.9822	0.9823	-0.0001
2023-11-08T13:50:43	1	0	1	1	0	0.9402	0.9409	0.0007	0.9488	0.9493	-0.0005
2023-11-08T13:52:39	2	0	71	71	0	1.0360	1.0360	0.0000	-0.9978	-0.9978	0.0000
2023-11-08T14:03:39	2	0	4	4	0	1.0382	1.0382	0.0000	0.9896	0.9896	0.0000
2023-11-08T14:03:52	1	0	301	301	0	1.0586	1.0586	0.0000	0.9939	0.994	-0.0001
2023-11-08T14:05:36	3	0	9	10	-1	1.0514	1.0509	-0.0005	0.9999	0.9999	0.0000
2023-11-08T14:07:01	2	0	113	113	0	1.0582	1.0581	-0.0001	-0.9909	-0.9911	0.0002
2023-11-08T14:07:40	2	0	76	76	0	1.0478	1.0478	0.0000	-0.9978	-0.9978	0.0000
2023-11-08T14:09:07	2	0	5	6	-1	1.0470	1.0483	0.0013	-0.9999	-0.9999	0.0000
2023-11-08T14:09:07	3	0	64	57	7	1.0516	1.0511	-0.0005	0.9968	0.9968	0.0000
2023-11-08T14:10:46	2	0	896	911	-15	0.8086	0.8137	0.0051	0.8796	0.901	-0.0214
2023-11-08T14:11:35	3	0	4	5	-1	1.0524	1.0512	-0.0012	0.9687	0.9694	-0.0007
2023-11-08T14:12:47	2	0	6	5	1	1.0563	1.0561	-0.0003	0.9812	0.9813	-0.0001
2023-11-08T14:13:52	2	0	1	1	0	0.9396	0.9396	0.0000	0.9929	0.9929	0.0000
2023-11-08T14:14:52	1	0	82	82	0	1.0984	1.0976	-0.0008	-0.9995	-1	0.0005
2023-11-08T14:15:15	4	0	11	11	0	1.0273	1.0273	0.0000	0.9767	0.9766	0.0001
2023-11-08T14:15:28	1	0	3	4	-1	1.0275	1.0268	-0.0007	0.9806	0.9807	-0.0001
2023-11-08T14:16:38	5	0	38	40	-2	1.0540	1.0539	-0.0001	0.9971	0.9971	0.0000
2023-11-08T14:16:41	1	0	38	38	0	1.0485	1.0485	0.0000	-0.988	-0.988	0.0000
2023-11-08T14:18:00	5	0	60	60	0	1.0603	1.0599	-0.0005	0.9707	0.9705	0.0002
2023-11-08T14:18:40	3	0	11	10	1	1.0358	1.0355	-0.0003	0.9897	0.9896	0.0001
2023-11-08T14:18:53	1	0	298	298	0	1.0583	1.0583	0.0000	0.9937	0.9938	-0.0001
2023-11-08T14:19:03	4	0	7	8	-1	1.0470	1.0460	-0.0009	0.9047	0.9049	-0.0002
2023-11-08T14:19:06	2	0	3	3	0	1.0440	1.0437	-0.0002	1	1	0.0000
2023-11-08T14:19:32	7	0	13	13	0	1.0345	1.0342	-0.0002	0.9828	0.9824	0.0004
2023-11-08T14:20:37	1	0	5	5	0	1.0533	1.0533	0.0000	1	1	0.0000
2023-11-08T14:21:10	1	0	1	1	0	1.0288	1.0285	-0.0003	-0.9998	-0.9998	0.0000
2023-11-08T14:22:02	2	0	100	98	2	1.0572	1.0571	-0.0001	-0.9893	-0.9897	0.0004
2023-11-08T14:22:41	3	0	52	53	-1	1.0391	1.0335	-0.0056	-0.9977	-0.9978	0.0001
2023-11-08T14:23:05	2	0	7	7	0	1.0191	1.0191	0.0000	1	1	0.0000
2023-11-08T14:24:08	4	0	13	11	2	1.0422	1.0395	-0.0026	0.9962	0.9962	0.0000
2023-11-08T14:24:08	2	0	5	6	-1	1.0470	1.0482	0.0013	-0.9993	-0.9993	0.0000
2023-11-08T14:24:22	3	0	6	6	0	0.8965	0.8964	-0.0001	0.9719	0.9717	0.0002
2023-11-08T14:24:52	3	0	3	4	-1	1.0436	1.0428	-0.0008	0.998	0.998	0.0000
2023-11-08T14:25:47	2	0	5	5	0	1.0243	1.0236	-0.0007	0.9699	0.9693	0.0006
2023-11-08T14:26:36	2	0	5	5	0	1.0517	1.0515	-0.0002	0.9702	0.97	0.0002
2023-11-08T14:27:30	1	0	7	8	-1	1.0665	1.0626	-0.0039	0.9786	0.9772	0.0014
2023-11-08T14:27:58	1	0	1	1	0	1.0314	1.0305	-0.0009	-0.9754	-0.9753	-0.0001
2023-11-08T14:28:58	2	0	4	4	0	1.0324	1.0323	-0.0002	0.9764	0.9763	0.0001
2023-11-08T14:28:58	10	0	95	94	1	1.0539	1.0538	-0.0001	0.9973	0.9973	0.0000
2023-11-08T14:29:00	3	0	28	28	0	1.0490	1.0489	-0.0001	0.9635	0.963	0.0005
2023-11-08T14:31:39	4	0	30	30	0	1.0523	1.0521	-0.0001	0.997	0.9968	0.0002
2023-11-08T14:31:42	1	0	34	34	0	1.0488	1.0488	0.0000	-0.9873	-0.9874	0.0001
2023-11-08T14:33:01	1	0	5	5	0	1.0351	1.0348	-0.0003	0.9456	0.9742	-0.0286
2023-11-08T14:33:41	3	0	12	12	0	1.0358	1.0357	-0.0001	0.9888	0.9886	0.0002
2023-11-08T14:33:54	1	0	372	370	2	1.0591	1.0591	0.0000	0.9939	0.994	-0.0001
2023-11-08T14:34:04	4	0	20	19	1	1.0505	1.0506	0.0002	0.9155	0.9152	0.0003
2023-11-08T14:34:30	2	0	45	45	0	0.9323	0.9323	0.0000	0.9968	0.9967	0.0001
2023-11-08T14:34:33	4	0	10	10	0	1.0353	1.0352	0.0000	0.9821	0.9821	0.0000
2023-11-08T14:34:41	1	0	2	1	1	1.0624	1.0576	-0.0048	0.9575	0.957	0.0005
2023-11-08T14:35:22	4	0	10	9	1	1.0518	1.0510	-0.0007	0.9647	0.9637	0.0010
2023-11-08T14:35:38	3	0	5	5	0	1.0526	1.0525	-0.0001	1	1	0.0000
2023-11-08T14:36:11	1	0	1	1	0	1.0325	1.0324	-0.0001	-0.9997	-0.9997	0.0000
2023-11-08T14:37:01	3	0	3	1	2	1.0459	1.0457	-0.0002	0.9874	0.9867	0.0007
2023-11-08T14:37:03	2	0	113	114	-1	1.0586	1.0584	-0.0001	-0.9913	-0.9915	0.0002
2023-11-08T14:37:15	3	0	12	10	2	1.0410	1.0395	-0.0015	0.9788	0.9786	0.0002
2023-11-08T14:37:17	4	0	1	0	1	1.0581	null	null	0.9164	0.9139	0.0025
2023-11-08T14:37:42	3	0	4	4	0	1.0232	1.0231	-0.0001	-0.9989	-0.999	0.0001
2023-11-08T14:37:42	4	0	23	22	1	1.0521	1.0536	0.0015	0.9995	0.9995	0.0000
2023-11-08T14:37:54	5	0	5	5	0	1.0112	1.0113	0.0000	-0.9998	-0.9999	0.0001

2023-11-08T14:38:06	2	0	8	8	0	1.0216	1.0216	0.0000	-1	-1	0.0000
2023-11-08T14:39:09	4	0	38	35	3	1.0492	1.0490	-0.0002	0.9966	0.9966	0.0000
2023-11-08T14:39:19	2	0	5	6	-1	1.0477	1.0489	0.0012	-0.9996	-0.9996	0.0000
2023-11-08T14:39:46	3	0	4	4	0	1.0515	1.0510	-0.0005	0.9942	0.994	0.0002
2023-11-08T14:39:53	3	0	3	3	0	1.0378	1.0377	-0.0001	0.9959	0.9958	0.0001
2023-11-08T14:40:38	3	0	202	199	3	1.0585	1.0585	0.0000	-0.9508	-0.9506	-0.0002
2023-11-08T14:40:48	1	0	1	1	0	1.0145	1.0129	-0.0016	0.967	0.9515	0.0155
2023-11-08T14:41:26	21	0	382	344	38	1.0674	1.0657	-0.0016	0.9951	0.9924	0.0027
2023-11-08T14:41:37	1	0	7	7	0	1.0524	1.0523	-0.0001	0.9785	0.9783	0.0002
2023-11-08T14:42:41	1	0	203	195	8	0.9062	0.9080	0.0018	0.9795	0.9799	-0.0004
2023-11-08T14:43:00	1	0	32	32	0	1.0551	1.0551	0.0000	0.9382	0.9381	0.0001
2023-11-08T14:43:01	1	0	1	1	0	1.0279	1.0279	0.0000	-0.975	-0.9747	-0.0003
2023-11-08T14:43:04	1	0	9	9	0	1.0257	1.0256	-0.0001	1	-1	0.0000
2023-11-08T14:43:59	1	0	3	3	0	1.0587	1.0586	-0.0001	0.9822	0.9822	0.0000
2023-11-08T14:44:10	2	0	26	26	0	1.0488	1.0488	0.0000	0.9621	0.9621	0.0000
2023-11-08T14:44:13	10	0	140	137	3	1.0565	1.0563	-0.0002	0.9973	0.9972	0.0001
2023-11-08T14:45:17	6	0	12	12	0	1.0315	1.0313	-0.0002	0.9862	0.9858	0.0004
2023-11-08T14:45:30	1	0	6	6	0	1.0299	1.0298	-0.0001	0.98	0.9799	0.0001
2023-11-08T14:45:35	1	0	4	4	0	1.0113	1.0113	0.0000	-0.9643	-0.9641	-0.0002
2023-11-08T14:45:58	5	0	15	13	2	1.0465	1.0448	-0.0016	-0.9796	-0.9797	0.0001
2023-11-08T14:46:40	1	0	31	30	1	1.0523	1.0522	-0.0001	0.9973	0.9973	0.0000
2023-11-08T14:48:02	1	0	6	6	0	1.0416	1.0416	-0.0001	0.9741	0.9747	-0.0006
2023-11-08T14:48:42	3	0	13	13	0	1.0371	1.0370	-0.0001	0.9896	0.9893	0.0003
2023-11-08T14:48:57	3	0	65	62	3	0.9329	0.9334	0.0006	0.9984	0.9985	-0.0001
2023-11-08T14:50:23	1	0	8	8	0	1.0520	1.0519	-0.0001	0.9583	0.9576	0.0007
2023-11-08T14:50:42	1	0	1	1	0	1.0557	1.0556	-0.0001	0.9497	0.9497	0.0000
2023-11-08T14:52:43	2	0	21	20	1	1.0536	1.0534	-0.0002	0.9992	0.9986	0.0006
2023-11-08T14:52:55	3	0	3	3	0	1.0158	1.0157	-0.0001	-0.9998	-0.9998	0.0000
2023-11-08T14:53:33	2	0	1	1	0	1.0392	1.0392	0.0000	0.9885	0.9882	0.0003
2023-11-08T14:55:39	2	0	240	239	1	1.0594	1.0594	0.0000	-0.9497	-0.9495	-0.0002
2023-11-08T14:56:30	2	0	402	397	5	1.0678	1.0677	-0.0001	0.9938	0.9936	0.0002
2023-11-08T14:57:10	2	0	2	2	0	1.0631	1.0625	-0.0006	0.9954	0.9964	-0.0010
2023-11-08T14:57:14	1	0	1	0	1	1.0058	null	null	0.998	0.9979	0.0001
2023-11-08T14:58:58	2	0	4	4	0	1.0185	1.0182	-0.0003	0.996	0.9959	0.0001
2023-11-08T14:59:04	1	0	23	22	1	1.0510	1.0508	-0.0002	0.9997	0.9997	0.0000
2023-11-08T15:03:45	1	0	122	119	3	1.0528	1.0526	-0.0001	0.9994	0.9994	0.0000
2023-11-08T15:04:09	2	0	2	2	0	1.0389	1.0388	-0.0001	0.9998	0.9998	0.0000
2023-11-08T15:07:07	1	0	1	1	0	1.0456	1.0454	-0.0002	0.986	0.9858	0.0002
2023-11-08T15:07:19	1	0	1	1	0	1.0217	1.0214	-0.0003	0.9089	0.9073	0.0016
2023-11-08T15:09:11	1	0	6	6	0	1.0175	1.0176	0.0001	0.9957	0.9958	-0.0001
2023-11-08T15:16:01	1	0	194	188	6	1.0565	1.0564	-0.0001	0.9982	0.9981	0.0001
2023-11-08T15:18:04	1	0	7	8	-1	1.0405	1.0393	-0.0011	0.975	0.9738	0.0012
2023-11-08T15:18:15	1	0	2	2	0	1.0469	1.0468	-0.0002	0.9994	0.9993	0.0001
2023-11-08T15:19:36	1	0	9	10	-1	1.0364	1.0273	-0.0092	0.983	0.9831	-0.0001
2023-11-08T15:20:49	2	0	1	2	-1	0.9333	0.9942	0.0609	0.9535	0.9536	-0.0001
2023-11-08T15:22:45	2	0	8	8	0	1.0238	1.0236	-0.0002	-0.9997	-0.9997	0.0000
2023-11-08T15:27:12	1	0	3	3	0	1.0487	1.0486	-0.0001	0.9985	0.9978	0.0007
2023-11-08T15:33:45	1	0	8	8	0	1.0353	1.0352	-0.0001	0.9973	0.9963	0.0010
2023-11-08T15:36:01	2	0	103	101	2	0.9223	0.9224	0.0001	0.9965	0.9965	0.0000
2023-11-08T15:41:39	1	0	472	472	0	1.0713	1.0711	-0.0002	0.9995	0.9995	0.0000
2023-11-08T15:47:29	3	0	1	0	1	1.0126	null	null	0.9826	0.9825	0.0001
2023-11-08T15:50:51	1	0	2	2	0	0.9896	0.9897	0.0001	0.9776	0.9777	-0.0001
2023-11-08T15:52:42	2	0	1	1	0	0.9417	0.9431	0.0014	-0.9719	-0.9701	-0.0018
2023-11-08T15:56:42	1	0	462	463	-1	1.0711	1.0709	-0.0001	0.9996	0.9995	0.0001
2023-11-08T15:57:55	1	0	1	0	1	1.0349	null	null	0.9896	0.9896	0.0000
2023-11-08T16:01:45	1	0	17	17	0	1.0512	1.0512	0.0000	0.9979	0.9979	0.0000
2023-11-08T16:03:47	1	0	12	11	1	1.0361	1.0352	-0.0009	0.9964	0.9963	0.0001
2023-11-08T16:04:39	1	0	7	7	0	1.0342	1.0342	0.0000	0.9872	0.9873	-0.0001
2023-11-08T16:05:52	5	0	14	11	3	0.9515	0.9534	0.0019	0.9839	0.984	-0.0001
2023-11-08T16:06:05	6	0	324	324	0	0.5931	0.6091	0.0159	0.9838	0.9812	0.0026
2023-11-08T16:07:43	1	0	1	1	0	0.9435	0.9435	0.0000	-0.9704	-0.9696	-0.0008
2023-11-08T16:07:48	4	0	16	15	1	1.0491	1.0507	0.0017	0.999	0.9989	0.0001
2023-11-08T16:08:02	1	0	4	4	0	1.0110	1.0110	0.0000	1	1	0.0000
2023-11-08T16:08:46	1	0	3	3	0	1.0445	1.0445	0.0000	-0.9989	-0.9989	0.0000
2023-11-08T16:10:54	1	0	7	7	0	1.0206	1.0206	0.0000	0.97	0.9695	0.0005
2023-11-08T16:12:47	1	0	3	3	0	1.1326	1.1324	-0.0002	0.9909	0.9909	0.0000
2023-11-08T16:16:46	1	0	12	12	0	1.0493	1.0493	0.0000	0.9974	0.9975	-0.0001
2023-11-08T16:19:40	2	0	8	8	0	1.0308	1.0308	0.0000	0.9873	0.9873	0.0000
2023-11-08T16:20:53	4	0	4	4	0	0.9395	0.9401	0.0006	0.9806	0.981	-0.0004
2023-11-08T16:27:27	2	0	2	2	0	1.0323	1.0319	-0.0005	0.9921	0.992	0.0001
2023-11-08T16:28:08	1	0	1	0	1	0.9593	null	null	-0.9822	-0.9791	-0.0031
2023-11-08T16:31:47	1	0	8	8	0	1.0480	1.0480	-0.0001	0.9982	0.9971	0.0011
2023-11-08T16:34:04	2	0	55	55	0	0.9385	0.9385	0.0000	-0.9999	-0.9999	0.0000
2023-11-08T16:35:22	1	0	1	1	0	1.0321	1.0318	-0.0003	0.9281	0.9279	0.0002
2023-11-08T16:50:57	1	0	66	64	2	0.9435	0.9435	0.0001	0.9813	0.9808	0.0005
2023-11-08T17:11:02	1	0	791	789	2	0.7608	0.7619	0.0012	0.8805	0.8799	0.0006
2023-11-08T17:22:14	2	0	23	22	1	0.9408	0.9417	0.0008	0.8629	0.8636	-0.0007
2023-11-08T17:22:48	1	0	62	62	0	0.9409	0.9409	0.0000	-0.9446	-0.9859	0.0413
2023-11-08T18:07:17	2	0	21	18	3	1.0512	1.0503	-0.0009	-0.9948	-0.9949	0.0001
2023-11-08T18:07:52	1	0	83	83	0	0.9381	0.9381	0.0000	-0.9887	-0.988	-0.0007
2023-11-09T07:52:03	2	0	253	253	0	0.8990	0.8992	0.0002	0.9527	0.9526	0.0001
2023-11-09T07:55:47	2	0	1	1	0	1.0329	1.0324	-0.0005	-0.9629	-0.9626	-0.0003
2023-11-09T08:04:55	2	0	23	22	1	0.9406	0.9406	0.0000	0.862	0.8625	-0.0005
2023-11-09T08:10:24	1	0	79	76	3	1.0561	1.0561	0.0000	0.9999	0.9999	0.0000
2023-11-09T08:13:50	2	0	2	2	0	1.0390	1.0389	-0.0002	-0.9734	-0.9738	0.0004

2023-11-09T08:14:23	2	0	58	57	1	1.0535	1.0534	-0.0001	-0.9089	-0.9084	-0.0005
2023-11-09T08:20:32	3	0	16	13	3	0.9430	0.9430	0.0000	-0.9613	-0.9598	-0.0015
2023-11-09T08:23:21	1	0	190	189	1	1.0582	1.0582	0.0000	-0.9565	-0.9562	-0.0003
2023-11-09T08:29:34	1	0	15	15	0	1.0504	1.0503	0.0000	0.9988	0.9987	0.0001
2023-11-09T08:33:42	1	0	21	21	0	0.9430	0.9431	0.0002	0.953	0.9521	0.0009
2023-11-09T08:34:57	2	0	16	14	2	1.0496	1.0485	-0.0011	-0.9932	-0.9998	0.0066
2023-11-09T08:38:22	1	0	165	164	1	1.0573	1.0573	0.0000	-0.9601	-0.9598	-0.0003
2023-11-09T08:43:06	2	0	6	6	0	0.9657	0.9659	0.0002	0.9642	0.9643	-0.0001
2023-11-09T08:44:28	1	0	17	17	0	1.0422	1.0421	0.0000	-0.9937	-0.9938	0.0001
2023-11-09T08:49:58	2	0	18	18	0	0.9411	0.9411	0.0001	0.8547	0.8551	-0.0004
2023-11-09T08:51:58	1	0	1	1	0	0.9441	0.9445	0.0004	-0.9911	-0.9909	-0.0002
2023-11-09T09:01:43	1	0	82	82	0	0.9371	0.9371	0.0000	-1	0.9976	0.0024
2023-11-09T09:02:16	2	0	1	1	0	1.0452	1.0452	0.0000	0.9994	0.9994	0.0000
2023-11-09T09:04:10	2	0	14	14	0	1.0452	1.0452	0.0000	0.9969	0.9969	0.0000
2023-11-09T09:04:26	1	0	10	10	0	1.0359	1.0359	0.0000	-0.9999	-0.9999	0.0000
2023-11-09T09:04:26	1	0	21	21	0	1.0445	1.0445	0.0000	0.9897	0.9897	0.0000
2023-11-09T09:04:59	2	0	22	21	1	0.9411	0.9413	0.0002	0.8526	0.8531	-0.0005
2023-11-09T09:05:17	1	0	1	1	0	1.0212	1.0212	0.0000	0.9381	0.9369	0.0012
2023-11-09T09:07:08	2	0	197	196	1	0.9124	0.9126	0.0002	0.9593	0.9593	0.0000
2023-11-09T09:08:24	3	0	183	182	1	1.0581	1.0581	-0.0001	-0.9698	-0.9696	-0.0002
2023-11-09T09:09:08	1	0	49	48	1	1.0529	1.0528	-0.0001	0.9887	0.9886	0.0001
2023-11-09T09:10:28	1	0	75	72	3	1.0558	1.0557	-0.0001	0.9998	0.9998	0.0000
2023-11-09T09:13:54	3	0	23	23	0	1.0433	1.0430	-0.0003	-0.974	-0.9742	0.0002
2023-11-09T09:14:27	2	0	75	73	2	1.0556	1.0554	-0.0002	-0.917	-0.9169	-0.0001
2023-11-09T09:18:36	1	0	3	4	-1	0.9959	0.9832	-0.0128	0.99	0.9903	-0.0003
2023-11-09T09:18:53	2	0	170	165	5	0.9135	0.9139	0.0004	0.9999	0.9999	0.0000
2023-11-09T09:28:09	2	0	7	7	0	0.9624	0.9628	0.0004	0.9719	0.9719	0.0000
2023-11-09T09:28:55	2	0	25	25	0	1.0476	1.0475	0.0000	-0.9703	-0.9705	0.0002
2023-11-09T09:29:38	4	0	22	20	2	1.0520	1.0516	-0.0004	0.9974	0.9974	0.0000
2023-11-09T09:35:37	1	0	24	24	0	1.0507	1.0506	-0.0001	0.9777	0.9776	0.0001
2023-11-09T09:35:39	10	0	47	40	7	1.0502	1.0503	0.0001	-0.9935	-0.9938	0.0003
2023-11-09T09:37:01	1	0	1	1	0	0.9407	0.9417	0.0010	-0.9947	-0.9944	-0.0003
2023-11-09T09:39:10	5	0	24	23	1	1.0486	1.0486	0.0000	0.9817	0.9812	0.0005
2023-11-09T09:40:54	1	0	1	0	1	1.0297	null	null	-0.9864	-0.9862	-0.0002
2023-11-09T09:40:55	2	0	728	726	2	0.8790	0.8792	0.0002	0.9408	0.94	0.0008
2023-11-09T09:43:32	1	0	3	3	0	1.0231	1.0228	-0.0002	0.9971	0.9971	0.0000
2023-11-09T09:45:41	2	0	1	1	0	0.9430	0.9437	0.0007	0.9935	0.9935	0.0000
2023-11-09T09:45:58	1	0	1	1	0	0.8893	0.8896	0.0003	0.989	0.989	0.0000
2023-11-09T09:47:02	1	0	1	1	0	1.0396	1.0392	-0.0004	-1	-1	0.0000
2023-11-09T09:47:19	2	0	37	37	0	0.9585	0.9584	0.0000	0.9981	0.9982	-0.0001
2023-11-09T09:47:40	1	0	2	2	0	1.0122	1.0118	-0.0004	0.974	0.974	0.0000
2023-11-09T09:50:01	2	0	3	3	0	1.0307	1.0305	-0.0002	0.9972	0.9972	0.0000
2023-11-09T09:50:38	1	0	29	28	1	1.0520	1.0519	-0.0001	0.9781	0.978	0.0001
2023-11-09T09:50:38	2	0	1	1	0	0.9407	0.9420	0.0013	-0.9801	-0.9788	-0.0013
2023-11-09T09:51:41	1	0	3	3	0	1.0057	1.0054	-0.0003	0.9994	0.9993	0.0001
2023-11-09T09:52:04	3	0	3	3	0	1.0181	1.0179	-0.0002	0.9956	0.9956	0.0000
2023-11-09T09:53:36	5	0	85	84	1	0.9280	0.9291	0.0010	0.9916	0.9919	-0.0003
2023-11-09T09:54:11	5	0	135	131	4	1.0584	1.0585	0.0000	0.9938	0.9936	0.0002
2023-11-09T09:55:40	1	0	93	79	14	0.9693	0.9700	0.0007	0.9885	0.9884	0.0001
2023-11-09T09:56:04	1	0	5	5	0	1.0041	1.0042	0.0001	-0.9995	-0.9995	0.0000
2023-11-09T09:58:57	1	0	4	4	0	1.0368	1.0367	-0.0001	0.9666	0.9664	0.0002
2023-11-09T09:58:58	5	0	12	10	2	1.0332	1.0320	-0.0012	0.9991	0.9991	0.0000
2023-11-09T09:59:40	4	0	15	15	0	1.0489	1.0486	-0.0003	0.9971	0.9967	0.0004
2023-11-09T10:01:47	2	0	85	85	0	0.9195	0.9197	0.0003	1	1	0.0000
2023-11-09T10:02:20	2	0	14	14	0	1.0161	1.0161	0.0000	0.9993	0.9993	0.0000
2023-11-09T10:02:25	2	0	46	44	2	1.0507	1.0503	-0.0004	-0.9987	-0.9987	0.0000
2023-11-09T10:04:17	1	0	15	14	1	1.0467	1.0476	0.0009	0.9969	0.9969	0.0000
2023-11-09T10:05:39	1	0	1	1	0	0.9421	0.9421	0.0000	-0.9823	-0.9816	-0.0007
2023-11-09T10:05:39	2	0	33	32	1	1.0523	1.0523	0.0000	0.9771	0.9771	0.0000
2023-11-09T10:05:41	4	0	29	29	0	1.0524	1.0521	-0.0003	-0.9927	-0.9929	0.0002
2023-11-09T10:07:05	1	0	6	6	0	1.0277	1.0276	-0.0001	0.9993	0.9993	0.0000
2023-11-09T10:08:28	1	0	160	159	1	1.0573	1.0573	0.0000	-0.9657	-0.9655	-0.0002
2023-11-09T10:09:12	1	0	131	130	1	1.0572	1.0572	0.0000	0.9891	0.989	0.0001
2023-11-09T10:09:57	2	0	3	3	0	1.0453	1.0446	-0.0007	0.9971	0.9971	0.0000
2023-11-09T10:10:09	1	0	11	11	0	1.0198	1.0197	0.0000	-0.9999	-0.9999	0.0000
2023-11-09T10:10:24	2	0	2	2	0	0.9422	0.9430	0.0008	0.9792	0.9791	0.0001
2023-11-09T10:10:56	2	0	1	1	0	1.0350	1.0341	-0.0009	-0.9863	-0.9863	0.0000
2023-11-09T10:10:57	1	0	1	1	0	1.0122	1.0115	-0.0007	0.9932	0.993	0.0002
2023-11-09T10:13:12	1	0	7	7	0	0.9838	0.9838	0.0000	0.9717	0.9718	-0.0001
2023-11-09T10:13:58	2	0	23	22	1	1.0457	1.0457	0.0000	-0.9645	-0.9648	0.0003
2023-11-09T10:14:17	1	0	1	1	0	1.0592	1.0587	-0.0005	-0.9919	-0.9918	-0.0001
2023-11-09T10:14:34	1	0	17	17	0	1.0463	1.0462	-0.0001	-0.9938	-0.9939	0.0001
2023-11-09T10:14:41	1	0	18	18	0	1.0511	1.0509	-0.0001	0.998	0.9978	0.0002
2023-11-09T10:16:19	1	0	5	5	0	1.0405	1.0404	-0.0001	-1	-1	0.0000
2023-11-09T10:17:26	4	0	49	46	3	1.0509	1.0505	-0.0004	-0.9992	-0.9993	0.0001
2023-11-09T10:18:05	2	0	43	41	2	0.9503	0.9506	0.0004	0.9347	0.9348	-0.0001
2023-11-09T10:18:49	2	0	1	2	-1	0.9386	0.9969	0.0583	0.9325	0.9324	0.0001
2023-11-09T10:19:18	6	0	16	15	1	1.0502	1.0495	-0.0007	0.997	0.9969	0.0001
2023-11-09T10:20:33	1	0	1	1	0	1.0362	1.0356	-0.0006	0.9895	0.9895	0.0000
2023-11-09T10:20:40	1	0	38	36	2	1.0533	1.0532	0.0000	0.9767	0.9764	0.0003
2023-11-09T10:20:59	3	0	1	1	0	1.0032	1.0022	-0.0010	0.9983	0.9979	0.0004
2023-11-09T10:23:29	1	0	156	154	2	1.0569	1.0569	0.0000	-0.9638	-0.9636	-0.0002
2023-11-09T10:24:13	2	0	132	129	3	1.0578	1.0578	0.0000	0.9891	0.989	0.0001
2023-11-09T10:28:59	4	0	29	27	2	1.0486	1.0485	-0.0001	-0.9636	-0.9643	0.0007
2023-11-09T10:30:33	2	0	1	0	1	1.0551	null	null	0.9983	0.9983	0.0000

2023-11-09T10:31:49	1	0	75	75	0	0.9294	0.9295	0.0002	-0.9999	-0.9999	0.0000
2023-11-09T10:31:57	1	0	50	49	1	1.0519	1.0518	-0.0001	0.9799	0.98	-0.0001
2023-11-09T10:32:22	1	0	17	17	0	1.0291	1.0291	0.0000	0.9997	0.9996	0.0001
2023-11-09T10:34:00	1	0	2	2	0	1.0281	1.0278	-0.0003	0.9954	0.9953	0.0001
2023-11-09T10:34:19	2	0	15	14	1	1.0484	1.0484	0.0001	0.9969	0.9969	0.0000
2023-11-09T10:35:01	3	0	3	2	1	1.0457	1.0454	-0.0003	0.9858	0.9854	0.0004
2023-11-09T10:35:21	5	0	5	4	1	1.0477	1.0476	-0.0001	-0.7626	-0.7649	0.0023
2023-11-09T10:35:43	1	0	27	27	0	1.0507	1.0504	-0.0003	-0.9937	-0.9937	0.0000
2023-11-09T10:37:07	1	0	9	9	0	1.0363	1.0361	-0.0001	0.9994	0.9994	0.0000
2023-11-09T10:38:30	5	0	178	175	3	1.0579	1.0578	0.0000	-0.9611	-0.9611	0.0000
2023-11-09T10:39:17	1	0	131	131	0	1.0576	1.0575	0.0000	0.9903	0.9902	0.0001
2023-11-09T10:43:18	1	0	5	5	0	1.0148	1.0149	0.0001	0.9702	0.9703	-0.0001
2023-11-09T10:44:00	1	0	30	28	2	1.0511	1.0511	0.0000	-0.9683	-0.9685	0.0002
2023-11-09T10:44:00	1	0	10	10	0	1.0428	1.0426	-0.0001	0.9554	0.9551	0.0003
2023-11-09T10:45:27	2	0	39	37	2	1.0503	1.0500	-0.0003	0.9903	0.9903	0.0000
2023-11-09T10:46:58	1	0	71	70	1	1.0532	1.0531	-0.0001	0.9793	0.9794	-0.0001
2023-11-09T10:47:06	1	0	1	1	0	1.0380	1.0376	-0.0004	-1	-1	0.0000
2023-11-09T10:47:28	6	0	57	55	2	1.0522	1.0520	-0.0002	-0.9996	-0.9996	0.0000
2023-11-09T10:48:51	1	0	2	0	2	1.0602	null	null	0.9557	0.9552	0.0005
2023-11-09T10:50:20	1	0	3	3	0	1.0511	1.0510	-0.0001	0.9897	0.9895	0.0002
2023-11-09T10:50:22	1	0	3	3	0	1.0500	1.0499	-0.0002	-0.7506	-0.7299	-0.0207
2023-11-09T10:50:42	2	0	34	33	1	1.0525	1.0524	-0.0001	0.9749	0.9746	0.0003
2023-11-09T10:50:44	1	0	35	34	1	1.0504	1.0504	0.0000	-0.9929	-0.9929	0.0000
2023-11-09T10:50:45	1	0	105	105	0	1.0346	1.0345	-0.0001	-0.9983	-0.9983	0.0000
2023-11-09T10:51:45	1	0	3	3	0	1.0079	1.0082	0.0003	0.9989	0.9989	0.0000
2023-11-09T10:53:31	1	0	161	160	1	1.0571	1.0571	0.0000	-0.961	-0.9608	-0.0002
2023-11-09T10:54:17	4	0	160	159	1	1.0598	1.0597	-0.0001	0.9934	0.9934	0.0000
2023-11-09T10:54:41	2	0	3	3	0	1.0517	1.0511	-0.0007	0.9861	0.9853	0.0008
2023-11-09T10:55:00	1	0	2	4	-2	1.0669	1.0613	-0.0056	0.9979	0.9971	0.0008
2023-11-09T10:55:01	3	0	1	0	1	1.0557	null	null	-0.9988	-0.9989	0.0001
2023-11-09T10:55:12	1	0	7	7	0	1.0231	1.0231	0.0000	-0.9986	-0.9986	0.0000
2023-11-09T10:55:35	1	0	65	64	1	1.0562	1.0562	0.0000	0.9994	0.9994	0.0000
2023-11-09T10:56:59	1	0	45	44	1	1.0611	1.0616	0.0004	0.999	0.999	0.0000
2023-11-09T10:57:01	1	0	2	2	0	1.0723	1.0717	-0.0006	0.9969	0.9968	0.0001
2023-11-09T10:58:33	1	0	21	20	1	1.0510	1.0508	-0.0002	0.9992	0.9992	0.0000
2023-11-09T10:59:01	1	0	7	7	0	1.0453	1.0453	0.0000	0.9662	0.9659	0.0003
2023-11-09T11:00:52	3	0	10	10	0	1.0477	1.0475	-0.0002	0.9999	0.9999	0.0000
2023-11-09T11:01:03	3	0	2	2	0	0.9806	0.9798	-0.0008	0.989	0.9887	0.0003
2023-11-09T11:01:43	2	0	3	2	1	1.0381	1.0364	-0.0017	0.9901	0.9899	0.0002
2023-11-09T11:01:46	1	0	4	4	0	1.0307	1.0306	-0.0001	0.9936	0.9936	0.0000
2023-11-09T11:02:24	9	0	23	22	1	1.0233	1.0238	0.0005	0.9991	0.999	0.0001
2023-11-09T11:02:29	2	0	58	58	0	1.0534	1.0533	0.0000	-0.9994	-0.9994	0.0000
2023-11-09T11:03:08	2	0	15	14	1	0.9913	0.9866	-0.0046	0.9485	0.9486	-0.0001
2023-11-09T11:03:43	1	0	3	3	0	0.9947	0.9947	-0.0001	0.9883	0.9881	0.0002
2023-11-09T11:03:52	1	0	1	0	1	1.0555	null	null	0.9578	0.9576	0.0002
2023-11-09T11:04:00	1	0	3	4	-1	0.9390	0.9403	0.0013	-0.9993	-0.9993	0.0000
2023-11-09T11:04:09	1	0	1	1	0	1.0299	1.0296	-0.0003	-0.9986	-0.9986	0.0000
2023-11-09T11:04:21	1	0	17	17	0	1.0501	1.0500	-0.0001	0.9967	0.9967	0.0000
2023-11-09T11:05:26	5	0	341	340	1	0.8533	0.8539	0.0006	0.8416	0.8423	-0.0007
2023-11-09T11:05:45	1	0	24	24	0	1.0496	1.0495	-0.0002	-0.9933	-0.9934	0.0001
2023-11-09T11:08:01	4	0	14	14	0	1.0507	1.0503	-0.0005	0.9925	0.9921	0.0004
2023-11-09T11:08:32	2	0	141	140	1	1.0560	1.0560	0.0000	-0.9711	-0.9709	-0.0002
2023-11-09T11:09:18	1	0	172	170	2	1.0607	1.0605	-0.0001	0.9943	0.9942	0.0001
2023-11-09T11:10:01	1	0	2	2	0	1.0646	1.0646	0.0000	0.9953	0.9962	-0.0009
2023-11-09T11:10:01	1	0	20	19	1	1.0492	1.0487	-0.0005	0.9935	0.9934	0.0001
2023-11-09T11:10:02	2	0	1	1	0	1.0553	1.0552	-0.0001	-0.999	-0.9989	-0.0001
2023-11-09T11:10:36	1	0	78	75	3	1.0560	1.0560	0.0000	0.9997	0.9997	0.0000
2023-11-09T11:11:00	1	0	1	1	0	1.0270	1.0266	-0.0004	-0.9876	-0.9875	-0.0001
2023-11-09T11:11:06	1	0	15	14	1	1.0509	1.0513	0.0004	0.9379	0.9371	0.0008
2023-11-09T11:12:00	1	0	55	55	0	1.0634	1.0634	0.0000	0.9987	0.9986	0.0001
2023-11-09T11:12:00	2	0	3	3	0	0.9791	0.9784	-0.0007	0.9935	0.9932	0.0003
2023-11-09T11:12:51	2	0	85	84	1	1.1212	1.1216	0.0004	-0.9791	-0.9793	0.0002
2023-11-09T11:14:02	1	0	28	27	1	1.0478	1.0478	0.0000	-0.9664	-0.9664	0.0000
2023-11-09T11:16:37	7	0	11	10	1	1.0463	1.0469	0.0006	-0.9717	-0.9719	0.0002
2023-11-09T11:18:53	1	0	3	3	0	1.0257	1.0255	-0.0002	0.964	0.964	0.0000
2023-11-09T11:20:04	1	0	4	4	0	1.0466	1.0464	-0.0002	0.9856	0.9854	0.0002
2023-11-09T11:21:08	1	0	1	1	0	1.0021	1.0018	-0.0003	0.9972	0.9968	0.0004
2023-11-09T11:22:19	1	0	171	171	0	0.9168	0.9171	0.0003	0.96	0.9604	-0.0004
2023-11-09T11:23:33	4	0	205	202	3	1.0593	1.0593	0.0000	-0.965	-0.9649	-0.0001
2023-11-09T11:25:02	1	0	6	6	0	1.0205	1.0204	-0.0002	0.996	0.996	0.0000
2023-11-09T11:25:46	1	0	277	277	0	0.8883	0.8884	0.0001	0.9792	0.9797	-0.0005
2023-11-09T11:26:07	1	0	15	15	0	1.0507	1.0507	0.0000	0.9397	0.9396	0.0001
2023-11-09T11:29:47	2	0	28	28	0	1.0473	1.0473	0.0000	-0.9934	-0.9935	0.0001
2023-11-09T11:29:58	1	0	3	3	0	1.0368	1.0367	-0.0001	-0.9997	-0.9998	0.0001
2023-11-09T11:32:01	1	0	55	55	0	1.0521	1.0521	0.0000	0.9784	0.9784	0.0000
2023-11-09T11:33:54	1	0	30	30	0	1.0531	1.0523	-0.0007	-0.9936	-0.9936	0.0000
2023-11-09T11:34:36	1	0	9	9	0	1.0360	1.0360	0.0000	-0.9998	-0.9998	0.0000
2023-11-09T11:35:45	7	0	36	35	1	1.0528	1.0528	0.0000	0.9744	0.9742	0.0002
2023-11-09T11:37:53	3	0	7	7	0	1.0496	1.0494	-0.0003	0.9951	0.995	0.0001
2023-11-09T11:39:44	2	0	5	6	-1	1.0174	1.0221	0.0047	0.9842	0.9844	-0.0002
2023-11-09T11:41:11	1	0	3	3	0	1.0112	1.0112	0.0000	-0.9984	-0.9984	0.0000
2023-11-09T11:45:31	1	0	42	40	2	1.0512	1.0510	-0.0003	0.9896	0.9896	0.0000
2023-11-09T11:47:02	1	0	71	72	-1	1.0535	1.0535	0.0000	0.9788	0.9789	-0.0001
2023-11-09T11:47:02	2	0	1	1	0	1.0560	1.0551	-0.0009	-0.971	-0.971	0.0000
2023-11-09T11:47:10	3	0	1	1	0	1.0394	1.0387	-0.0007	-1	-1	0.0000

2023-11-09T11:48:11	4	0	16	14	2	1.0405	1.0377	-0.0028	0.9605	0.9604	0.0001
2023-11-09T11:48:23	2	0	1	0	1	1.0551	null	null	0.9684	0.9684	0.0000
2023-11-09T11:49:03	1	0	11	11	0	1.0501	1.0500	-0.0001	0.9991	0.9991	0.0000
2023-11-09T11:49:03	10	0	16	11	5	1.0509	1.0504	-0.0005	-0.9771	-0.9776	0.0005
2023-11-09T11:49:37	1	0	10	10	0	1.0350	1.0350	0.0000	-0.9996	-0.9996	0.0000
2023-11-09T11:50:26	5	0	3	4	-1	1.0494	1.0510	0.0016	-0.8049	-0.8027	-0.0022
2023-11-09T11:56:12	1	0	3	3	0	1.0125	1.0125	0.0000	-0.9985	-0.9985	0.0000
2023-11-09T11:58:03	3	0	49	48	1	1.0486	1.0484	-0.0001	-0.999	-0.999	0.0000
2023-11-09T12:04:04	1	0	11	11	0	1.0520	1.0520	0.0000	0.9994	0.9993	0.0001
2023-11-09T12:04:38	1	0	11	11	0	1.0364	1.0364	0.0000	-0.9996	-0.9996	0.0000
2023-11-09T12:05:40	2	0	3	3	0	1.0276	1.0275	-0.0001	0.9863	0.986	0.0003
2023-11-09T12:09:46	2	0	3	4	-1	1.0534	1.0518	-0.0016	0.9849	0.9853	-0.0004
2023-11-09T12:10:49	2	0	400	398	2	1.1321	1.1314	-0.0007	0.9791	0.9789	0.0002
2023-11-09T12:11:14	1	0	4	4	0	1.0158	1.0158	0.0000	-0.9979	-0.9979	0.0000
2023-11-09T12:14:57	2	0	3	3	0	1.0500	1.0497	-0.0003	0.9803	0.9803	0.0000
2023-11-09T12:16:06	1	0	1	1	0	1.0232	1.0226	-0.0006	0.9612	0.9248	0.0364
2023-11-09T12:18:57	1	0	25	25	0	1.0537	1.0544	0.0007	-0.9814	-0.9853	0.0039
2023-11-09T12:45:42	2	0	1	0	1	1.0573	null	null	0.9961	0.9961	0.0000
2023-11-09T12:58:47	1	0	3	3	0	1.0009	1.0008	-0.0001	-0.9839	-0.9839	0.0000
2023-11-09T13:00:07	1	0	31	31	0	1.0495	1.0495	0.0000	-0.9871	-0.9871	0.0000
2023-11-09T13:01:09	1	0	1	1	0	1.0345	1.0343	-0.0002	0.8986	0.9421	-0.0435
2023-11-09T13:18:29	1	0	7	5	2	1.0525	1.0509	-0.0015	0.9658	0.9657	0.0001
2023-11-09T13:20:32	1	0	2	2	0	1.0563	1.0563	-0.0001	-0.7397	-0.7386	-0.0011
2023-11-09T13:20:35	1	0	4	4	0	0.9916	0.9914	-0.0002	0.9091	0.907	0.0021
2023-11-09T13:20:54	2	0	44	44	0	1.0545	1.0544	-0.0001	-0.9886	-0.9887	0.0001
2023-11-09T13:23:00	3	0	1	1	0	0.9450	0.9450	0.0000	0.9961	0.9961	0.0000
2023-11-09T13:25:54	3	0	361	361	0	0.9646	0.9648	0.0002	0.9371	0.9372	-0.0001
2023-11-09T13:47:10	1	0	206	206	0	1.0565	1.0565	0.0000	0.979	0.979	0.0000
2023-11-09T13:51:46	1	0	1	1	0	1.0375	1.0375	0.0000	0.9889	0.9889	0.0000
2023-11-09T13:58:51	1	0	3	3	0	1.0115	1.0115	0.0000	-0.9772	-0.9769	-0.0003
2023-11-09T14:02:11	1	0	132	132	0	1.0553	1.0553	0.0000	0.978	0.978	0.0000
2023-11-09T14:03:53	1	0	1	0	1	1.0554	null	null	0.9673	0.9672	0.0001
2023-11-09T14:04:51	1	0	9	9	0	1.0454	1.0454	0.0000	0.9716	0.9716	0.0000
2023-11-09T14:05:35	1	0	4	4	0	1.0515	1.0514	-0.0001	-0.7639	-0.7636	-0.0003
2023-11-09T14:05:38	7	0	3	1	2	1.0457	1.0560	0.0103	0.9123	0.9092	0.0031
2023-11-09T14:10:13	1	0	1	1	0	0.9300	0.9300	0.0000	0.947	0.947	0.0000
2023-11-09T14:10:29	1	0	2	2	0	1.0106	1.0104	-0.0002	0.9983	0.9982	0.0001
2023-11-09T14:10:57	1	0	275	276	-1	1.0549	1.1331	0.0782	0.9759	0.9833	-0.0074
2023-11-09T14:11:13	2	0	3	3	0	1.0160	1.0159	-0.0001	0.9864	0.9828	0.0036
2023-11-09T14:11:19	1	0	17	17	0	1.0523	1.0523	0.0000	0.9316	0.9318	-0.0002
2023-11-09T14:12:15	3	0	28	25	3	1.0554	1.0550	-0.0004	1	1	0.0000
2023-11-09T14:13:31	4	0	8	8	0	1.0282	1.0281	0.0000	0.9791	0.979	0.0001
2023-11-09T14:15:05	1	0	1	1	0	1.0407	1.0404	-0.0003	0.9801	0.98	0.0001
2023-11-09T14:16:35	3	0	3	3	0	1.0319	1.0316	-0.0003	0.9974	0.9973	0.0001
2023-11-09T14:17:12	1	0	184	184	0	1.0560	1.0560	0.0000	0.9801	0.9801	0.0000
2023-11-09T14:20:39	4	0	1	1	0	1.0597	1.0587	-0.0010	0.9178	0.9172	0.0006
2023-11-09T14:20:49	1	0	9	9	0	1.0438	1.0437	-0.0001	0.9997	0.9997	0.0000
2023-11-09T14:22:39	2	0	7	8	-1	0.9291	0.9310	0.0018	0.986	0.9859	0.0001
2023-11-09T14:23:45	10	0	267	264	3	1.0614	1.0614	-0.0001	-0.9446	-0.9447	0.0001
2023-11-09T14:24:55	2	0	3	3	0	1.0505	1.0502	-0.0003	0.9649	0.9641	0.0008
2023-11-09T14:25:00	7	0	2	2	0	1.0303	1.0288	-0.0015	-0.9936	-0.9939	0.0003
2023-11-09T14:25:28	4	0	3	2	1	1.0550	1.0532	-0.0019	-0.9976	-0.9975	-0.0001
2023-11-09T14:25:30	1	0	1	1	0	1.0073	1.0071	-0.0002	0.998	0.9979	0.0001
2023-11-09T14:25:46	2	0	68	67	1	1.0533	1.0533	0.0000	0.9892	0.9892	0.0000
2023-11-09T14:25:58	3	0	272	275	-3	1.0590	1.1409	0.0819	0.9757	0.983	-0.0073
2023-11-09T14:26:20	1	0	22	22	0	1.0536	1.0536	0.0000	0.9343	0.934	0.0003
2023-11-09T14:27:19	1	0	3	3	0	1.0314	1.0311	-0.0003	0.9604	0.9603	0.0001
2023-11-09T14:28:47	1	0	94	92	2	1.0551	1.0549	-0.0002	-0.9962	-0.9963	0.0001
2023-11-09T14:29:42	2	0	15	15	0	1.0456	1.0455	-0.0001	0.9692	0.9689	0.0003
2023-11-09T14:31:06	1	0	12	10	2	1.0473	1.0477	0.0004	0.9998	0.9998	0.0000
2023-11-09T14:32:14	1	0	157	156	1	1.0558	1.0558	0.0000	0.9798	0.9798	0.0000
2023-11-09T14:32:43	1	0	43	42	1	1.0532	1.0532	0.0000	1	1	0.0000
2023-11-09T14:34:16	12	0	8	2	6	1.0496	1.0507	0.0011	-0.9802	-0.9809	0.0007
2023-11-09T14:34:39	2	0	4	4	0	0.9730	0.9735	0.0005	-0.9949	-0.9948	-0.0001
2023-11-09T14:35:37	4	0	6	6	0	1.0498	1.0495	-0.0003	-0.7782	-0.7799	0.0017
2023-11-09T14:35:40	3	0	1	0	1	1.0552	null	null	0.9121	0.91	0.0021
2023-11-09T14:35:50	2	0	18	17	1	1.0447	1.0440	-0.0007	-0.9998	-0.9998	0.0000
2023-11-09T14:35:57	4	0	19	19	0	1.0495	1.0494	-0.0001	0.9194	0.9192	0.0002
2023-11-09T14:37:40	2	0	4	4	0	0.9210	0.9211	0.0001	0.9853	0.9853	0.0000
2023-11-09T14:38:05	3	0	11	11	0	1.0483	1.0481	-0.0002	0.9968	0.9967	0.0001
2023-11-09T14:38:46	13	0	316	306	10	1.0617	1.0616	-0.0001	-0.9478	-0.9481	0.0003
2023-11-09T14:39:56	2	0	3	3	0	1.0507	1.0506	-0.0001	0.9688	0.9685	0.0003
2023-11-09T14:41:21	1	0	19	19	0	1.0523	1.0523	0.0000	0.9351	0.9349	0.0002
2023-11-09T14:43:33	1	0	1	0	1	1.0450	null	null	0.9874	0.9874	0.0000
2023-11-09T14:43:33	6	0	13	13	0	1.0313	1.0313	-0.0001	0.9837	0.9833	0.0004
2023-11-09T14:45:14	1	0	33	33	0	1.0480	1.0480	0.0000	-0.9907	-0.9907	0.0000
2023-11-09T14:46:37	1	0	2	2	0	1.0282	1.0281	-0.0001	0.9966	0.9966	0.0000
2023-11-09T14:46:51	7	0	17	14	3	1.0475	1.0475	0.0000	-0.9742	-0.9749	0.0007
2023-11-09T14:47:01	4	0	18	17	1	1.0394	1.0399	0.0004	0.9964	0.9963	0.0001
2023-11-09T14:47:23	2	0	4	4	0	1.0438	1.0436	-0.0002	0.9999	0.9999	0.0000
2023-11-09T14:47:44	1	0	58	57	1	1.0549	1.0548	0.0000	-0.9998	-0.9998	0.0000
2023-11-09T14:49:07	1	0	1	2	-1	0.9386	0.9973	0.0587	0.9317	0.9325	-0.0008
2023-11-09T14:49:07	1	0	95	92	3	1.0562	1.0561	-0.0001	-0.9547	-0.9545	-0.0002
2023-11-09T14:50:41	5	0	2	2	0	1.0254	1.0245	-0.0010	0.9309	0.9303	0.0006
2023-11-09T14:51:01	7	0	15	16	-1	1.0448	1.0436	-0.0012	-0.9935	-0.9937	0.0002

2023-11-09T14:55:41	3	0	2	2	0	1.0522	1.0520	-0.0001	-0.9971	-0.997	-0.0001
2023-11-09T14:55:43	2	0	1	0	1	1.0326	null	null	0.9828	0.9825	0.0003
2023-11-09T14:55:51	1	0	20	19	1	1.0546	1.0545	-0.0001	0.9998	0.9997	0.0001
2023-11-09T14:56:05	1	0	132	132	0	0.9023	0.9030	0.0007	0.9803	0.9827	-0.0024
2023-11-09T14:56:19	1	0	635	655	-20	0.7895	0.8354	0.0460	0.9108	0.9277	-0.0169
2023-11-09T14:59:19	1	0	14	15	-1	1.0466	1.0472	0.0006	-0.9804	-0.9801	-0.0003
2023-11-09T15:00:15	1	0	42	42	0	1.0488	1.0488	0.0000	-0.989	-0.989	0.0000
2023-11-09T15:02:02	3	0	8	8	0	1.0339	1.0337	-0.0002	0.9967	0.9965	0.0002
2023-11-09T15:04:08	1	0	3	2	1	1.0196	0.9987	-0.0209	0.934	0.9332	0.0008
2023-11-09T15:05:22	1	0	3	3	0	1.0403	1.0400	-0.0003	0.9684	0.9682	0.0002
2023-11-09T15:06:35	1	0	2	2	0	1.0357	1.0353	-0.0005	-0.9938	-0.9936	-0.0002
2023-11-09T15:11:26	1	0	2	2	0	1.0132	1.0127	-0.0006	0.9777	0.9731	0.0046
2023-11-09T15:16:25	2	0	46	46	0	0.9181	0.9180	0.0000	0.9934	0.9933	0.0001
2023-11-09T15:17:46	1	0	39	38	1	1.0516	1.0516	0.0000	-0.9999	-0.9999	0.0000
2023-11-09T15:18:33	1	0	1	1	0	1.0375	1.0368	-0.0007	0.9122	0.9118	0.0004
2023-11-09T15:19:19	1	0	24	24	0	1.0535	1.0534	0.0000	0.9997	0.9997	0.0000
2023-11-09T15:21:52	1	0	1	1	0	1.0364	1.0364	0.0000	0.9882	0.9879	0.0003
2023-11-09T15:29:52	1	0	81	80	1	1.0555	1.0555	0.0000	-0.8872	-0.8866	-0.0006
2023-11-09T15:34:10	1	0	3	3	0	0.9411	0.9414	0.0003	0.9314	0.9315	-0.0001
2023-11-09T15:36:01	1	0	17	17	0	1.0494	1.0494	0.0000	0.9212	0.9212	0.0000
2023-11-09T15:39:40	1	0	1	1	0	1.0229	1.0229	0.0000	0.9823	0.9823	0.0000
2023-11-09T15:47:17	3	0	1	0	1	1.0362	null	null	0.9966	0.996	0.0006
2023-11-09T15:49:11	1	0	7	8	-1	0.9431	0.9569	0.0137	0.9389	0.9395	-0.0006
2023-11-09T15:49:21	2	0	2	2	0	0.9919	0.9921	0.0002	-0.9891	-0.989	-0.0001
2023-11-09T15:50:42	1	0	1	1	0	1.0571	1.0568	-0.0003	-0.9112	-0.9115	0.0003
2023-11-09T15:50:49	1	0	5	5	0	1.0367	1.0367	0.0000	0.9553	0.955	0.0003
2023-11-09T16:00:04	1	0	17	17	0	1.0488	1.0488	0.0000	0.997	0.9971	-0.0001
2023-11-09T16:02:19	1	0	137	137	0	1.0552	1.0552	0.0000	0.9807	0.9808	-0.0001
2023-11-09T16:04:12	1	0	2	2	0	0.9358	0.9359	0.0001	0.9392	0.9394	-0.0002
2023-11-10T07:49:52	2	0	41	38	3	0.9418	0.9416	-0.0001	-0.9764	-0.9751	-0.0013
2023-11-10T08:04:53	1	0	71	71	0	0.9400	0.9400	0.0000	-1	-1	0.0000
2023-11-10T08:06:28	2	0	47	47	0	0.9270	0.9273	0.0003	0.9977	0.9976	0.0001
2023-11-10T08:13:49	2	0	59	57	2	1.0532	1.0531	-0.0001	-0.899	-0.8984	-0.0006
2023-11-10T08:19:33	1	0	121	121	0	0.9245	0.9246	0.0000	0.9314	0.9313	0.0001
2023-11-10T08:19:54	1	0	28	28	0	0.9429	0.9429	0.0000	-0.9992	-0.9991	-0.0001
2023-11-10T08:31:10	1	0	108	108	0	1.0529	1.0529	0.0000	0.9766	0.9767	-0.0001
2023-11-10T08:32:53	1	0	4	4	0	0.9817	0.9819	0.0001	0.9901	0.99	0.0001
2023-11-10T08:36:22	1	0	16	16	0	0.9396	0.9400	0.0003	0.9989	0.999	-0.0001
2023-11-10T08:43:14	2	0	3	3	0	1.0314	1.0311	-0.0003	-0.9755	-0.9756	0.0001
2023-11-10T08:43:58	1	0	32	30	2	1.0522	1.0522	-0.0001	-0.9999	-0.9999	0.0000
2023-11-10T08:52:41	2	0	168	167	1	1.0579	1.0579	0.0000	-0.9721	-0.9719	-0.0002
2023-11-10T08:58:15	1	0	17	17	0	1.0425	1.0425	0.0000	-0.9744	-0.9744	0.0000
2023-11-10T09:06:32	2	0	39	32	7	0.9292	0.9296	0.0004	0.9923	0.9921	0.0002
2023-11-10T09:09:50	1	0	38	37	1	1.0551	1.0551	0.0000	0.9998	0.9998	0.0000
2023-11-10T09:13:53	2	0	93	89	4	1.0564	1.0562	-0.0002	-0.9251	-0.925	-0.0001
2023-11-10T09:14:00	1	0	17	17	0	1.0474	1.0473	0.0000	-1	-1	0.0000
2023-11-10T09:16:13	1	0	68	67	1	1.0533	1.0532	0.0000	0.9767	0.9767	0.0000
2023-11-10T09:19:30	2	0	11	10	1	1.0474	1.0465	-0.0009	-0.9911	-0.9911	0.0000
2023-11-10T09:19:58	2	0	86	85	1	0.9389	0.9398	0.0009	-0.9998	-0.9997	-0.0001
2023-11-10T09:20:00	1	0	8	8	0	1.0450	1.0447	-0.0003	0.9373	0.937	0.0003
2023-11-10T09:20:01	8	0	51	48	3	1.0552	1.0554	0.0002	-0.994	-0.9941	0.0001
2023-11-10T09:20:17	1	0	2	2	0	1.0390	1.0388	-0.0002	-0.999	-0.9989	-0.0001
2023-11-10T09:21:25	1	0	8	8	0	0.9418	0.9425	0.0007	0.9993	0.9993	0.0000
2023-11-10T09:27:52	1	0	2	2	0	1.0223	1.0222	-0.0002	0.9961	0.9961	0.0000
2023-11-10T09:32:31	1	0	2	2	0	1.0372	1.0368	-0.0004	0.9442	0.944	0.0002
2023-11-10T09:32:57	1	0	3	3	0	0.9953	0.9951	-0.0002	0.9897	0.9895	0.0002
2023-11-10T09:33:33	1	0	5	5	0	1.0385	1.0382	-0.0003	0.9965	0.9965	0.0000
2023-11-10T09:35:02	1	0	45	42	3	1.0529	1.0526	-0.0003	-0.9946	-0.9947	0.0001
2023-11-10T09:37:44	3	0	200	191	9	1.0598	1.0595	-0.0004	-0.9777	-0.9777	0.0000
2023-11-10T09:38:38	1	0	69	69	0	1.0551	1.0550	0.0000	0.9998	0.9998	0.0000
2023-11-10T09:39:19	1	0	2	2	0	1.0143	1.0138	-0.0006	0.9974	0.9974	0.0000
2023-11-10T09:39:42	2	0	2	2	0	1.0321	1.0319	-0.0003	0.9943	0.9942	0.0001
2023-11-10T09:40:21	1	0	9	11	-2	0.9466	0.9463	-0.0003	-0.9943	-0.9939	-0.0004
2023-11-10T09:41:17	3	0	20	22	-2	0.9595	0.9688	0.0093	0.9931	0.9932	-0.0001
2023-11-10T09:43:18	4	0	25	24	1	1.0478	1.0476	-0.0002	-0.9725	-0.973	0.0005
2023-11-10T09:44:12	1	0	1	1	0	1.0352	1.0349	-0.0003	0.9992	0.9992	0.0000
2023-11-10T09:45:20	7	0	68	61	7	1.0583	1.0565	-0.0018	0.9527	0.9508	0.0019
2023-11-10T09:45:38	1	0	7	7	0	1.0325	1.0324	-0.0001	-0.9996	-0.9996	0.0000
2023-11-10T09:46:40	2	0	14	14	0	1.0119	1.0118	-0.0001	0.9994	0.9994	0.0000
2023-11-10T09:46:46	1	0	133	129	4	1.0530	1.0530	0.0000	-1	-1	0.0000
2023-11-10T09:50:02	1	0	11	11	0	1.0475	1.0472	-0.0003	0.9333	0.9331	0.0002
2023-11-10T09:50:10	1	0	1	1	0	0.9144	0.9147	0.0003	0.9962	0.9962	0.0000
2023-11-10T09:51:29	3	0	4	4	0	1.0240	1.0238	-0.0002	0.9923	0.9923	0.0000
2023-11-10T09:52:45	1	0	177	176	1	1.0589	1.0589	0.0000	-0.9783	-0.9782	-0.0001
2023-11-10T09:54:34	1	0	1	1	0	1.0075	1.0071	-0.0004	0.9997	0.9997	0.0000
2023-11-10T09:58:19	1	0	23	23	0	1.0453	1.0451	-0.0001	-0.9762	-0.9764	0.0002
2023-11-10T09:58:42	1	0	1	1	0	1.0596	1.0592	-0.0004	-0.9306	-0.9298	-0.0008
2023-11-10T09:59:03	4	0	14	12	2	1.0476	1.0471	-0.0006	-0.9995	-0.9996	0.0001
2023-11-10T10:01:16	2	0	66	65	1	0.9424	0.9424	0.0001	-0.999	0.9995	0.0015
2023-11-10T10:01:43	2	0	15	15	0	1.0265	1.0264	-0.0001	0.9997	0.9997	0.0000
2023-11-10T10:01:47	8	0	183	134	49	1.0535	1.0530	-0.0005	-1	-1	0.0000
2023-11-10T10:03:20	2	0	2	2	0	0.9946	0.9949	0.0004	-0.9948	-0.9947	-0.0001
2023-11-10T10:04:35	2	0	3	3	0	1.0321	1.0320	-0.0002	0.9836	0.9835	0.0001
2023-11-10T10:05:04	4	0	30	29	1	1.0526	1.0523	-0.0003	-0.9955	-0.9956	0.0001
2023-11-10T10:05:11	3	0	2	2	0	0.9287	0.9293	0.0006	0.9943	0.9945	-0.0002

2023-11-10T10:05:18	3	0	2	2	0	1.0098	1.0093	-0.0005	0.9991	0.9991	0.0000
2023-11-10T10:06:09	1	0	3	3	0	1.0036	1.0032	-0.0004	-0.9999	-0.9999	0.0000
2023-11-10T10:06:30	1	0	12	12	0	1.0379	1.0378	0.0000	0.9989	0.9989	0.0000
2023-11-10T10:07:46	4	0	226	221	5	1.0603	1.0603	0.0000	-0.9786	-0.9786	0.0000
2023-11-10T10:09:32	1	0	9	9	0	1.0251	1.0251	-0.0001	-0.9985	-0.9985	0.0000
2023-11-10T10:09:44	3	0	4	4	0	0.9772	0.9774	0.0002	0.9971	0.9971	0.0000
2023-11-10T10:10:21	1	0	1	1	0	0.9979	0.9976	-0.0003	0.9581	0.9574	0.0007
2023-11-10T10:10:23	2	0	23	22	1	0.9429	0.9432	0.0004	-0.9965	-0.996	-0.0005
2023-11-10T10:12:05	7	0	1	1	0	1.0255	1.0231	-0.0024	-0.9945	-0.9947	0.0002
2023-11-10T10:13:18	1	0	10	10	0	1.0423	1.0423	0.0000	0.9648	0.9647	0.0001
2023-11-10T10:13:20	9	0	32	29	3	1.0469	1.0468	-0.0001	-0.9715	-0.9723	0.0008
2023-11-10T10:13:57	1	0	32	32	0	1.0475	1.0475	0.0000	-0.9954	-0.9955	0.0001
2023-11-10T10:14:04	1	0	12	12	0	1.0470	1.0470	0.0000	-1	-1	0.0000
2023-11-10T10:14:52	3	0	68	66	2	1.0542	1.0541	-0.0001	0.9834	0.9834	0.0000
2023-11-10T10:15:41	2	0	5	5	0	1.0357	1.0354	-0.0003	-0.9995	-0.9996	0.0001
2023-11-10T10:15:45	2	0	1	1	0	1.0197	1.0190	-0.0007	0.9682	0.9675	0.0007
2023-11-10T10:16:43	1	0	15	16	-1	1.0168	1.0157	-0.0012	0.9995	0.9995	0.0000
2023-11-10T10:16:48	2	0	252	247	5	1.0545	1.0544	-0.0001	1	1	0.0000
2023-11-10T10:18:36	3	0	5	5	0	1.0439	1.0433	-0.0005	0.9958	0.9957	0.0001
2023-11-10T10:19:43	2	0	2	2	0	1.0462	1.0456	-0.0006	-0.8445	-0.8453	0.0008
2023-11-10T10:20:02	1	0	41	41	0	0.9426	0.9426	0.0000	0.9999	0.9999	0.0000
2023-11-10T10:20:05	2	0	30	30	0	1.0501	1.0501	0.0000	-0.995	-0.9951	0.0001
2023-11-10T10:22:47	2	0	221	217	4	1.0601	1.0601	0.0000	-0.9784	-0.9784	0.0000
2023-11-10T10:24:45	2	0	2	2	0	1.0361	1.0358	-0.0004	0.9979	0.998	-0.0001
2023-11-10T10:25:24	1	0	4	4	0	0.9527	0.9528	0.0001	-0.9956	-0.9953	-0.0003
2023-11-10T10:27:33	4	0	11	10	1	1.0327	1.0339	0.0012	0.9975	0.9976	-0.0001
2023-11-10T10:29:05	1	0	5	5	0	1.0484	1.0484	-0.0001	1	1	0.0000
2023-11-10T10:31:10	1	0	5	5	0	1.0292	1.0291	-0.0001	0.9941	0.9941	0.0000
2023-11-10T10:31:18	3	0	9	9	0	0.9526	0.9527	0.0001	-0.9992	-0.9991	-0.0001
2023-11-10T10:33:24	1	0	1	1	0	1.0217	1.0214	-0.0003	0.9868	0.9867	0.0001
2023-11-10T10:33:37	3	0	8	8	0	1.0384	1.0383	-0.0001	0.9964	0.9963	0.0001
2023-11-10T10:35:20	1	0	1	1	0	1.0082	1.0079	-0.0003	0.9952	0.9952	0.0000
2023-11-10T10:36:32	1	0	13	13	0	1.0370	1.0369	-0.0001	0.9987	0.9987	0.0000
2023-11-10T10:39:06	2	0	2	2	0	1.0469	1.0464	-0.0005	0.9961	0.9957	0.0004
2023-11-10T10:39:46	2	0	3	3	0	0.9413	0.9426	0.0013	0.9851	0.9854	-0.0003
2023-11-10T10:40:23	1	0	10	10	0	0.9425	0.9435	0.0010	0.954	0.9506	0.0034
2023-11-10T10:40:25	1	0	4	4	0	0.9549	0.9551	0.0002	-0.9946	-0.9944	-0.0002
2023-11-10T10:44:06	1	0	10	10	0	1.0476	1.0476	0.0000	-0.9996	-0.9996	0.0000
2023-11-10T10:47:08	1	0	1	1	0	1.0561	1.0551	-0.0010	0.9695	0.9693	0.0002
2023-11-10T10:48:39	1	0	8	8	0	1.0381	1.0380	-0.0001	0.9961	0.9961	0.0000
2023-11-10T10:50:19	1	0	95	95	0	1.0286	1.0286	-0.0001	-0.9996	-0.9996	0.0000
2023-11-10T10:51:33	1	0	10	10	0	1.0278	1.0279	0.0001	0.9987	0.9987	0.0000
2023-11-10T10:52:23	1	0	6	6	0	1.0449	1.0447	-0.0002	0.9984	0.9984	0.0000
2023-11-10T10:54:35	1	0	13	13	0	1.0246	1.0246	0.0000	-0.9975	-0.9975	0.0000
2023-11-10T10:55:26	2	0	3	3	0	0.9535	0.9538	0.0003	-0.9938	-0.9936	-0.0002
2023-11-10T10:56:22	1	0	2	2	0	1.0735	1.0730	-0.0006	0.9987	0.9987	0.0000
2023-11-10T10:57:14	1	0	2	2	0	1.0288	1.0283	-0.0005	-0.9944	-0.9944	0.0000
2023-11-10T10:57:41	1	0	9	9	0	1.0096	1.0097	0.0001	0.9742	0.9742	0.0000
2023-11-10T10:58:21	1	0	9	9	0	1.0434	1.0432	-0.0001	0.9731	0.9776	-0.0045
2023-11-10T10:59:07	1	0	11	11	0	1.0492	1.0492	0.0000	-0.9997	-0.9996	-0.0001
2023-11-10T10:59:56	2	0	1	0	1	1.0610	null	null	1	1	0.0000
2023-11-10T11:00:14	1	0	9	9	0	1.0465	1.0463	-0.0002	-0.9999	-0.9999	0.0000
2023-11-10T11:01:46	2	0	22	22	0	0.9873	0.9872	-0.0001	0.9994	0.9994	0.0000
2023-11-10T11:01:51	5	0	145	134	11	1.0567	1.0565	-0.0003	1	1	0.0000
2023-11-10T11:02:34	3	0	14	11	3	1.0211	1.0313	0.0102	0.9588	0.9586	0.0002
2023-11-10T11:03:17	2	0	1	1	0	1.0580	1.0561	-0.0019	0.9757	0.9753	0.0004
2023-11-10T11:03:33	1	0	1	1	0	1.0304	1.0301	-0.0003	-0.9988	-0.9988	0.0000
2023-11-10T11:03:45	1	0	9	9	0	1.0368	1.0367	-0.0001	0.9965	0.9965	0.0000
2023-11-10T11:05:08	1	0	23	24	-1	1.0500	1.0498	-0.0002	-0.9946	-0.9946	0.0000
2023-11-10T11:05:22	2	0	6	6	0	0.9614	0.9620	0.0006	0.9909	0.9912	-0.0003
2023-11-10T11:06:13	1	0	6	6	0	0.9800	0.9803	0.0003	0.9999	0.9999	0.0000
2023-11-10T11:08:09	1	0	8	8	0	1.0328	1.0327	-0.0001	0.9981	0.9981	0.0000
2023-11-10T11:09:08	1	0	29	28	1	1.0568	1.0568	0.0000	-0.9919	-0.9922	0.0003
2023-11-10T11:10:25	2	0	6	6	0	1.0214	1.0210	-0.0004	0.9996	0.9995	0.0001
2023-11-10T11:12:20	1	0	83	82	1	1.0631	1.0612	-0.0018	-0.989	-0.9891	0.0001
2023-11-10T11:14:08	1	0	8	8	0	1.0492	1.0492	0.0000	-0.9994	-0.9994	0.0000
2023-11-10T11:15:56	1	0	1	0	1	1.0554	null	null	0.9997	0.9997	0.0000
2023-11-10T11:16:47	1	0	19	19	0	0.9949	0.9948	0.0000	0.9989	0.9989	0.0000
2023-11-10T11:18:04	1	0	3	3	0	0.9942	0.9941	-0.0001	0.9854	0.9855	-0.0001
2023-11-10T11:19:41	1	0	4	4	0	1.0404	1.0402	-0.0002	0.9817	0.9816	0.0001
2023-11-10T11:19:45	9	0	88	82	6	0.9180	0.9188	0.0008	0.8842	0.8838	0.0004
2023-11-10T11:20:06	1	0	3	3	0	0.9470	0.9470	0.0000	0.9989	0.9989	0.0000
2023-11-10T11:21:41	1	0	91	91	0	0.9222	0.9223	0.0001	0.9724	0.9722	0.0002
2023-11-10T11:22:25	1	0	1	1	0	1.0589	1.0585	-0.0004	0.9869	0.9868	0.0001
2023-11-10T11:24:26	3	0	1	0	1	1.0554	null	null	-0.9937	-0.9939	0.0002
2023-11-10T11:26:11	4	0	3	3	0	0.6069	0.6072	0.0003	0.9977	0.9977	0.0000
2023-11-10T11:26:27	1	0	2	2	0	1.0513	1.0510	-0.0003	0.996	0.9958	0.0002
2023-11-10T11:28:05	1	0	34	33	1	1.0522	1.0520	-0.0002	0.9948	0.9947	0.0001
2023-11-10T11:31:22	2	0	13	13	0	0.9519	0.9520	0.0001	-0.9999	0.9979	0.0022
2023-11-10T11:31:22	1	0	88	89	-1	1.0546	1.0545	-0.0001	0.9766	0.9767	-0.0001
2023-11-10T11:34:48	3	0	1	1	0	1.0564	1.0556	-0.0008	-0.8175	-0.8184	0.0009
2023-11-10T11:35:22	1	0	5	5	0	0.9967	0.9967	0.0000	-0.9999	-0.9999	0.0000
2023-11-10T11:35:24	6	0	3	4	-1	0.9602	0.9563	-0.0038	0.9914	0.9912	0.0002
2023-11-10T11:36:36	5	0	8	9	-1	1.0356	1.0378	0.0022	0.9991	0.9991	0.0000
2023-11-10T11:37:26	1	0	4	4	0	1.0464	1.0464	0.0000	0.9985	0.9985	0.0000

2023-11-10T11:39:42	1	0	2	2	0	0.9733	0.9733	0.0000	0.9991	0.9991	0.0000
2023-11-10T11:39:43	2	0	1	1	0	1.0572	1.0570	-0.0002	-0.9945	-0.9946	0.0001
2023-11-10T11:40:29	4	0	1	2	-1	0.9568	0.9565	-0.0003	-0.991	-0.9912	0.0002
2023-11-10T11:42:44	3	0	10	10	0	1.0038	1.0043	0.0005	0.967	0.9671	-0.0001
2023-11-10T11:44:29	1	0	5	4	1	1.0520	1.0498	-0.0022	0.9918	0.9917	0.0001
2023-11-10T11:44:55	4	0	14	14	0	1.0349	1.0349	0.0000	0.999	0.999	0.0000
2023-11-10T11:46:23	1	0	85	87	-2	1.0541	1.0541	0.0000	0.9788	0.9789	-0.0001
2023-11-10T11:46:23	2	0	26	26	0	0.9443	0.9443	0.0000	-1	-1	0.0000
2023-11-10T11:46:35	3	0	1	1	0	0.9399	0.9399	0.0000	0.9982	0.9981	0.0001
2023-11-10T11:48:22	2	0	1	1	0	1.0386	1.0386	0.0000	0.9816	0.9818	-0.0002
2023-11-10T11:48:27	2	0	4	6	-2	0.9386	0.9405	0.0019	-0.9999	-0.9999	0.0000
2023-11-10T11:50:08	2	0	2	3	-1	0.9484	0.9468	-0.0016	-1	-1	0.0000
2023-11-10T11:52:27	1	0	4	4	0	1.0331	1.0331	0.0000	0.9957	0.9958	-0.0001
2023-11-10T11:57:45	3	0	7	7	0	1.0447	1.0447	0.0000	0.9884	0.9883	0.0001
2023-11-10T11:59:30	1	0	12	11	1	1.0525	1.0519	-0.0006	0.989	0.989	0.0000
2023-11-10T12:01:24	1	0	81	82	-1	1.0536	1.0536	0.0000	0.9793	0.9794	-0.0001
2023-11-10T12:01:24	1	0	13	13	0	0.9478	0.9478	0.0000	-0.9998	-0.9998	0.0000
2023-11-10T12:01:36	3	0	1	1	0	0.9404	0.9405	0.0001	0.9981	0.998	0.0001
2023-11-10T12:05:09	3	0	2	5	-3	0.9401	0.9426	0.0025	-1	-1	0.0000
2023-11-10T12:09:44	1	0	1	1	0	1.0070	1.0070	0.0000	0.9994	0.9994	0.0000
2023-11-10T12:10:31	4	0	3	4	-1	1.0007	0.9874	-0.0133	-0.9898	-0.9908	0.0010
2023-11-10T12:12:46	1	0	8	8	0	1.0440	1.0440	0.0000	0.9854	0.9854	0.0000
2023-11-10T12:14:31	3	0	21	20	1	1.0549	1.0547	-0.0002	0.9725	0.9724	0.0001
2023-11-10T12:26:10	3	0	3	3	0	0.9985	0.9984	-0.0001	0.9985	0.9985	0.0000
2023-11-10T12:57:49	1	0	8	8	0	1.0011	1.0012	0.0000	0.9725	0.9724	0.0001
2023-11-10T12:58:06	2	0	12	12	0	1.0312	1.0312	-0.0001	0.9949	0.9955	-0.0006
2023-11-10T12:58:09	1	0	3	3	0	1.0018	1.0018	-0.0001	-0.986	-0.986	0.0000
2023-11-10T12:58:46	1	0	1	1	0	1.0306	1.0303	-0.0003	0.9954	0.9954	0.0000
2023-11-10T13:01:28	1	0	81	80	1	1.0545	1.0545	0.0000	0.977	0.977	0.0000
2023-11-10T13:01:28	2	0	67	67	0	0.9332	0.9336	0.0004	0.9992	0.9993	-0.0001
2023-11-10T13:02:09	2	0	3	3	0	1.0350	1.0349	-0.0002	0.9823	0.9826	-0.0003
2023-11-10T13:02:45	3	0	8	10	-2	0.9901	0.9908	0.0008	0.9565	0.9566	-0.0001
2023-11-10T13:03:26	3	0	2	2	0	1.0602	1.0598	-0.0004	0.9827	0.9828	-0.0001
2023-11-10T13:16:29	1	0	111	111	0	1.0548	1.0549	0.0001	0.9793	0.9794	-0.0001
2023-11-10T13:17:10	2	0	3	3	0	1.0295	1.0295	0.0000	0.9815	0.9815	0.0000
2023-11-10T13:21:20	1	0	10	10	0	0.9272	0.9274	0.0001	0.9788	0.9794	-0.0006
2023-11-10T13:31:41	1	0	3	3	0	1.0458	1.0456	-0.0002	-0.9979	-0.9979	0.0000
2023-11-10T13:42:53	4	0	43	42	1	1.0530	1.0529	-0.0001	-0.9999	-0.9997	-0.0002
2023-11-10T13:43:49	1	0	1	1	0	1.0551	1.0551	0.0000	0.9959	0.9959	0.0000
2023-11-10T13:45:06	2	0	4	5	-1	0.9451	0.9478	0.0027	0.9546	0.9485	0.0061
2023-11-10T13:48:35	7	0	22	22	0	1.0530	1.0517	-0.0012	-0.9887	-0.9892	0.0005
2023-11-10T13:50:10	2	0	2	2	0	1.0263	1.0260	-0.0002	0.9794	0.979	0.0004
2023-11-10T13:51:22	1	0	1	1	0	1.0350	1.0350	0.0000	0.9954	0.9954	0.0000
2023-11-10T13:51:47	5	0	9	10	-1	1.0196	1.0233	0.0037	0.9937	0.9938	-0.0001
2023-11-10T13:55:00	4	0	2	2	0	1.0609	1.0591	-0.0018	-0.9936	-0.9935	-0.0001
2023-11-10T13:56:38	1	0	6	7	-1	1.0521	1.0527	0.0006	0.9952	0.9953	-0.0001
2023-11-10T13:57:53	3	0	27	27	0	0.9710	0.9711	0.0001	0.9661	0.9662	-0.0001
2023-11-10T13:59:19	1	0	115	113	2	1.0531	1.0530	0.0000	-0.9908	-0.9908	0.0000
2023-11-10T14:01:52	1	0	40	39	1	1.0498	1.0497	-0.0002	-0.9691	-0.9691	0.0000
2023-11-10T14:02:14	4	0	38	38	0	1.0509	1.0509	0.0000	0.9814	0.9813	0.0001
2023-11-10T14:03:36	7	0	23	22	1	1.0533	1.0528	-0.0005	-0.9825	-0.9828	0.0003
2023-11-10T14:03:44	2	0	1	0	1	1.0554	null	null	0.95	0.95	0.0000
2023-11-10T14:05:17	2	0	1	1	0	0.9400	0.9403	0.0003	0.9974	0.9974	0.0000
2023-11-10T14:06:48	4	0	7	7	0	1.0324	1.0323	-0.0001	0.9945	0.9945	0.0000
2023-11-10T14:10:01	2	0	1	1	0	1.0623	1.0621	-0.0002	-0.9936	-0.9936	0.0000
2023-11-10T14:10:07	6	0	6	6	0	1.0583	1.0581	-0.0003	0.9993	0.9996	-0.0003
2023-11-10T14:12:32	1	0	6	7	-1	1.0408	1.0429	0.0021	0.9979	0.9993	-0.0014
2023-11-10T14:12:54	1	0	15	15	0	1.0091	1.0090	0.0000	0.9643	0.9643	0.0000
2023-11-10T14:13:36	10	0	8	9	-1	1.0458	1.0450	-0.0009	-0.9917	-0.9914	-0.0003
2023-11-10T14:14:20	1	0	106	108	-2	1.0527	1.0527	0.0000	-0.9917	-0.9918	0.0001
2023-11-10T14:14:39	1	0	13	12	1	1.0538	1.0535	-0.0003	0.9755	0.9754	0.0001
2023-11-10T14:16:33	1	0	133	133	0	1.0554	1.0554	0.0000	0.9768	0.9769	-0.0001
2023-11-10T14:18:38	3	0	30	29	1	0.9400	0.9402	0.0002	1	1	0.0000
2023-11-10T14:19:40	3	0	6	4	2	1.0457	1.0456	-0.0002	0.9863	0.9859	0.0004
2023-11-10T14:20:01	8	0	1	2	-1	1.0217	0.9834	-0.0383	0.9291	0.9275	0.0016
2023-11-10T14:20:20	3	0	2	2	0	0.9508	0.9512	0.0003	0.9973	0.9973	0.0000
2023-11-10T14:20:37	1	0	2	2	0	1.0424	1.0422	-0.0003	-0.9987	-0.9986	-0.0001
2023-11-10T14:21:49	5	0	7	7	0	1.0349	1.0347	-0.0002	0.9952	0.9952	0.0000
2023-11-10T14:22:35	3	0	2	0	2	1.0364	null	null	0.9976	0.9975	0.0001
2023-11-10T14:23:03	10	0	254	250	4	1.0598	1.0597	0.0000	-0.979	-0.979	0.0000
2023-11-10T14:23:45	4	0	1	1	0	0.9966	0.9978	0.0012	-0.9639	-0.9634	-0.0005
2023-11-10T14:25:08	3	0	2	2	0	1.0542	1.0541	-0.0001	-0.9948	-0.9948	0.0000
2023-11-10T14:25:40	3	0	5	5	0	0.9749	0.9749	0.0000	-0.9856	-0.9852	-0.0004
2023-11-10T14:27:28	8	0	1	1	0	1.0313	1.0313	0.0000	-0.992	-0.9919	-0.0001
2023-11-10T14:27:36	6	0	85	81	4	1.0500	1.0496	-0.0003	-0.9995	-0.9995	0.0000
2023-11-10T14:28:37	4	0	15	15	0	1.0477	1.0477	-0.0001	-0.9896	-0.9898	0.0002
2023-11-10T14:29:21	1	0	99	104	-5	1.0530	1.0530	0.0000	-0.9916	-0.9917	0.0001
2023-11-10T14:29:21	4	0	32	31	1	1.0530	1.0528	-0.0001	-0.9989	-0.9991	0.0002
2023-11-10T14:29:40	1	0	14	14	0	1.0527	1.0527	0.0000	0.9747	0.9747	0.0000
2023-11-10T14:30:09	2	0	87	84	3	1.0537	1.0537	0.0000	0.9836	0.9835	0.0001
2023-11-10T14:30:28	2	0	11	11	0	1.0479	1.0479	-0.0001	0.9989	0.9989	0.0000
2023-11-10T14:30:58	12	0	12	12	0	1.0338	1.0331	-0.0007	-0.9994	-0.9996	0.0002
2023-11-10T14:31:34	1	0	137	136	1	1.0555	1.0555	0.0000	0.9788	0.9788	0.0000
2023-11-10T14:33:29	1	0	25	25	0	1.0495	1.0494	-0.0001	-0.9907	-0.9956	0.0049
2023-11-10T14:34:41	3	0	1	1	0	1.0457	1.0456	-0.0001	0.9877	0.9876	0.0001

2023-11-10T14:34:56	1	0	4	4	0	1.0506	1.0504	-0.0001	0.9938	0.9936	0.0002
2023-11-10T14:35:00	3	0	6	6	0	1.0527	1.0526	-0.0001	-0.7763	-0.7758	-0.0005
2023-11-10T14:35:06	4	0	1	1	0	1.0252	1.0245	-0.0007	0.935	0.9331	0.0019
2023-11-10T14:35:17	1	0	15	14	1	1.0487	1.0481	-0.0005	0.9992	0.9992	0.0000
2023-11-10T14:35:21	1	0	1	1	0	0.9415	0.9417	0.0002	0.9999	0.9999	0.0000
2023-11-10T14:35:36	4	0	2	2	0	1.0095	1.0084	-0.0011	0.9965	0.9967	-0.0002
2023-11-10T14:36:50	5	0	6	6	0	1.0289	1.0288	-0.0001	0.9949	0.9949	0.0000
2023-11-10T14:38:04	2	0	267	264	3	1.0612	1.0612	0.0000	-0.9775	-0.9774	-0.0001
2023-11-10T14:38:46	4	0	1	1	0	0.9973	0.9975	0.0002	-0.9636	-0.9635	-0.0001
2023-11-10T14:38:51	3	0	1	0	1	1.0394	null	null	0.9949	0.9949	0.0000
2023-11-10T14:40:09	4	0	5	5	0	1.0497	1.0494	-0.0003	0.9996	0.9996	0.0000
2023-11-10T14:40:12	3	0	44	43	1	1.0523	1.0523	0.0000	0.9904	0.9904	0.0000
2023-11-10T14:40:19	3	0	2	2	0	1.0533	1.0533	-0.0001	-0.9944	-0.9944	0.0000
2023-11-10T14:40:42	1	0	548	544	4	0.8856	0.8854	-0.0003	0.9199	0.9199	0.0000
2023-11-10T14:41:38	1	0	1	1	0	1.0584	1.0578	-0.0006	0.9856	0.9855	0.0001
2023-11-10T14:41:42	3	0	16	14	2	1.0525	1.0520	-0.0005	0.9999	0.9999	0.0000
2023-11-10T14:42:56	6	0	14	14	0	1.0424	1.0422	-0.0002	0.981	0.9804	0.0006
2023-11-10T14:43:38	4	0	22	20	2	1.0486	1.0485	-0.0001	-0.9903	-0.9903	0.0000
2023-11-10T14:44:06	2	0	13	12	1	1.0457	1.0456	-0.0001	0.9948	0.9947	0.0001
2023-11-10T14:44:22	4	0	28	29	-1	1.0521	1.0518	-0.0003	-0.9994	-0.9994	0.0000
2023-11-10T14:44:34	1	0	98	98	0	1.0527	1.0527	0.0000	-0.9922	-0.9922	0.0000
2023-11-10T14:44:41	1	0	13	13	0	1.0528	1.0528	0.0000	0.977	0.977	0.0000
2023-11-10T14:45:16	4	0	124	122	2	1.0548	1.0547	-0.0001	0.9833	0.9832	0.0001
2023-11-10T14:45:29	2	0	10	10	0	1.0483	1.0482	0.0000	0.9988	0.9988	0.0000
2023-11-10T14:45:59	7	0	8	8	0	1.0341	1.0341	0.0000	-0.9998	-0.9998	0.0000
2023-11-10T14:46:35	3	0	2	2	0	1.0484	1.0479	-0.0006	0.9943	0.9932	0.0011
2023-11-10T14:47:17	4	0	46	46	0	1.0522	1.0522	0.0000	0.9817	0.9816	0.0001
2023-11-10T14:48:33	3	0	8	8	0	1.0354	1.0348	-0.0006	0.9757	0.9751	0.0006
2023-11-10T14:48:41	14	0	26	24	2	1.0553	1.0534	-0.0019	-0.9833	-0.9846	0.0013
2023-11-10T14:52:37	3	0	2	2	0	1.0362	1.0357	-0.0005	0.9974	0.9972	0.0002
2023-11-10T14:53:52	4	0	4	3	1	1.0385	1.0380	-0.0005	0.9988	0.9985	0.0003
2023-11-10T14:55:43	1	0	2	2	0	1.0149	1.0137	-0.0012	0.9648	0.9554	0.0094
2023-11-10T14:56:44	1	0	5	5	0	1.0538	1.0538	-0.0001	0.9936	0.9935	0.0001
2023-11-10T14:57:30	8	0	4	4	0	1.0352	1.0351	-0.0001	-0.9915	-0.9915	0.0000
2023-11-10T14:59:33	1	0	2	2	0	1.0358	1.0357	-0.0002	1	1	0.0000
2023-11-10T15:01:56	1	0	47	45	2	1.0505	1.0502	-0.0003	-0.9706	-0.9706	0.0000
2023-11-10T15:05:38	2	0	1	1	0	0.9356	0.9357	0.0001	0.9935	0.9934	0.0001
2023-11-10T15:07:02	5	0	3	3	0	0.9473	0.9466	-0.0007	0.9934	0.9929	0.0005
2023-11-10T15:11:21	2	0	2	1	1	1.0004	0.9443	-0.0561	0.9964	0.9962	0.0002
2023-11-10T15:16:48	2	0	2	2	0	1.0372	1.0368	-0.0004	-0.9989	-0.9989	0.0000
2023-11-10T15:16:57	1	0	52	50	2	1.0518	1.0517	-0.0002	-0.9694	-0.9694	0.0000
2023-11-10T15:17:08	2	0	130	130	0	1.0515	1.0514	-0.0001	0.9998	0.9998	0.0000
2023-11-10T15:17:19	3	0	50	47	3	1.0527	1.0526	-0.0002	0.9799	0.9798	0.0001
2023-11-10T15:18:44	2	0	41	41	0	0.9536	0.9537	0.0001	-0.9991	-0.9991	0.0000
2023-11-10T15:19:57	1	0	13	11	2	1.0432	1.0425	-0.0006	0.9907	0.9936	-0.0029
2023-11-10T15:20:24	2	0	2	2	0	0.9504	0.9504	0.0000	0.9997	0.9997	0.0000
2023-11-10T15:23:54	1	0	3	3	0	1.0383	1.0383	-0.0001	0.9978	0.9977	0.0001
2023-11-10T15:25:26	1	0	91	90	1	1.0541	1.0541	0.0000	0.9988	0.9988	0.0000
2023-11-10T15:25:45	1	0	11	12	-1	0.9865	0.9825	-0.0040	0.9626	0.9587	0.0039
2023-11-10T15:26:27	3	0	4	4	0	0.7128	0.7130	0.0001	0.9939	0.9941	-0.0002
2023-11-10T15:29:25	2	0	21	21	0	1.0522	1.0522	0.0000	0.9975	0.9975	0.0000
2023-11-10T15:29:33	1	0	50	49	1	1.0474	1.0472	-0.0002	-0.9987	-0.9987	0.0000
2023-11-10T15:30:13	5	0	2	2	0	1.0214	1.0195	-0.0019	0.9774	0.9768	0.0006
2023-11-10T15:31:02	1	0	13	13	0	1.0412	1.0412	0.0000	-0.9999	-0.9999	0.0000
2023-11-10T15:32:09	3	0	179	178	1	1.0517	1.0516	-0.0001	0.9999	0.9999	0.0000
2023-11-10T15:32:25	4	0	82	78	4	1.0542	1.0541	-0.0001	0.9811	0.981	0.0001
2023-11-10T15:34:45	1	0	1	0	1	1.0451	null	null	0.9846	0.9845	0.0001
2023-11-10T15:35:25	1	0	4	4	0	0.9475	0.9475	0.0000	0.9999	0.9999	0.0000
2023-11-10T15:35:40	3	0	30	29	1	1.0455	1.0454	-0.0001	-0.9983	-0.9983	0.0000
2023-11-10T15:37:04	2	0	4	4	0	0.9466	0.9468	0.0002	0.9928	0.993	-0.0002
2023-11-10T15:38:55	1	0	3	3	0	1.0373	1.0373	0.0000	0.9955	0.9955	0.0000
2023-11-10T15:40:19	1	0	147	147	0	1.0602	1.0602	0.0000	-0.892	-0.8916	-0.0004
2023-11-10T15:40:22	1	0	2	2	0	1.0511	1.0511	0.0000	-0.9954	-0.9954	0.0000
2023-11-10T15:40:46	2	0	1	0	1	1.0298	null	null	-0.9873	-0.9878	0.0005
2023-11-10T15:40:46	1	0	2	2	0	1.0307	1.0301	-0.0006	0.96	0.969	-0.0090
2023-11-10T15:41:47	1	0	3	3	0	1.0476	1.0474	-0.0003	0.9937	0.9937	0.0000
2023-11-10T15:43:38	1	0	132	116	16	1.0553	1.0553	0.0000	-0.9967	-0.9967	0.0000
2023-11-10T15:50:18	2	0	1	1	0	1.0303	1.0299	-0.0004	0.9818	0.9815	0.0003
2023-11-10T15:55:34	2	0	1	1	0	1.0157	1.0150	-0.0007	0.9739	0.9734	0.0005
2023-11-10T15:55:53	2	0	13	12	1	1.0412	1.0408	-0.0004	0.9967	0.9967	0.0000
2023-11-10T15:59:27	1	0	12	12	0	1.0485	1.0485	0.0000	0.9967	0.9967	0.0000
2023-11-10T16:01:43	1	0	7	7	0	0.9535	0.9536	0.0000	0.9961	0.9962	-0.0001
2023-11-10T16:07:06	1	0	24	24	0	0.9479	0.9477	-0.0002	0.9945	0.9943	0.0002
2023-11-10T16:10:48	1	0	10	11	-1	1.0050	0.9989	-0.0062	0.9527	0.9563	-0.0036
2023-11-10T16:18:43	5	0	5	3	2	0.9635	0.9770	0.0135	0.9606	0.9611	-0.0005
2023-11-10T16:29:29	1	0	10	10	0	1.0482	1.0482	0.0000	0.9981	0.9971	0.0010
2023-11-10T16:31:25	1	0	3	3	0	1.0063	1.0064	0.0002	-0.9871	-0.9868	-0.0003
2023-11-10T16:33:44	1	0	11	9	2	0.9417	0.9422	0.0005	0.9623	0.962	0.0003
2023-11-10T16:50:27	1	0	42	42	0	0.9386	0.9386	0.0000	0.9051	0.9051	0.0000
2023-11-10T17:25:53	1	0	779	781	-2	0.7541	0.7544	0.0003	0.8757	0.8708	0.0049
2023-11-10T17:35:06	1	0	17	16	1	0.9412	0.9419	0.0007	0.865	0.8655	-0.0005
2023-11-10T17:50:07	1	0	56	56	0	1.0539	1.0536	-0.0003	-0.9953	-0.9955	0.0002
2023-11-10T17:56:20	1	0	408	407	1	1.0930	1.0930	0.0000	-0.9978	-0.9978	0.0000
2023-11-11T07:55:12	2	0	1	1	0	1.0318	1.0313	-0.0005	-0.9787	-0.9784	-0.0003
2023-11-11T08:01:08	2	0	84	81	3	0.9456	0.9457	0.0001	-0.9997	-0.9996	-0.0001

2023-11-11T08:04:34	3	0	393	393	0	0.8770	0.8771	0.0002	0.8893	0.8893	0.0000
2023-11-11T08:04:57	2	0	21	21	0	0.9449	0.9451	0.0002	-0.975	-0.9739	-0.0011
2023-11-11T08:06:23	3	0	78	77	1	1.0498	1.0497	-0.0001	-0.9995	-0.9995	0.0000
2023-11-11T08:09:48	1	0	107	107	0	1.0562	1.0562	0.0000	-0.9957	-0.9957	0.0000
2023-11-11T08:13:14	2	0	3	3	0	1.0368	1.0366	-0.0002	-0.9876	-0.9876	0.0000
2023-11-11T08:17:54	1	0	4	4	0	0.9782	0.9783	0.0001	0.9968	0.9968	0.0000
2023-11-11T08:18:07	1	0	3	3	0	0.9424	0.9428	0.0005	0.9829	0.9827	0.0002
2023-11-11T08:19:58	1	0	24	24	0	0.9444	0.9444	0.0000	-0.9743	-0.9733	-0.0010
2023-11-11T08:21:31	2	0	19	17	2	0.9316	0.9318	0.0002	-0.9972	-0.9971	-0.0001
2023-11-11T08:28:56	1	0	6	6	0	1.0466	1.0465	-0.0001	-0.9993	-0.9993	0.0000
2023-11-11T08:49:37	1	0	306	305	1	0.8267	0.8267	0.0000	0.8867	0.8867	0.0000
2023-11-11T08:58:17	1	0	3	3	0	1.0331	1.0329	-0.0002	-0.9857	-0.9857	0.0000
2023-11-11T09:01:38	1	0	16	17	-1	1.0305	1.0314	0.0008	-0.9957	-0.9955	-0.0002
2023-11-11T09:02:26	1	0	6	6	0	1.0321	1.0321	0.0000	0.9729	0.9728	0.0001
2023-11-11T09:03:50	1	0	7	7	0	1.0332	1.0332	0.0000	-0.9928	-0.9927	-0.0001
2023-11-11T09:04:38	1	0	307	307	0	0.8432	0.8432	0.0000	0.8837	0.8834	0.0003
2023-11-11T09:05:01	2	0	25	24	1	0.9462	0.9463	0.0002	-0.9743	-0.9732	-0.0011
2023-11-11T09:06:27	4	0	101	99	2	1.0577	1.0570	-0.0007	-0.9992	-0.9992	0.0000
2023-11-11T09:06:34	2	0	6	6	0	0.9247	0.9251	0.0003	-0.9935	-0.9928	-0.0007
2023-11-11T09:09:17	2	0	2	2	0	1.0172	1.0168	-0.0004	0.9998	0.9998	0.0000
2023-11-11T09:09:52	1	0	98	95	3	1.0559	1.0558	-0.0001	-0.9934	-0.9934	0.0000
2023-11-11T09:10:17	1	0	1	1	0	1.0314	1.0300	-0.0014	-0.9783	-0.9783	0.0000
2023-11-11T09:13:18	3	0	5	5	0	1.0321	1.0312	-0.0009	-0.9855	-0.9857	0.0002
2023-11-11T09:13:50	2	0	19	16	3	1.0534	1.0529	-0.0005	-0.9375	-0.9367	-0.0008
2023-11-11T09:13:59	1	0	10	10	0	1.0467	1.0467	-0.0001	-0.9994	-0.9994	0.0000
2023-11-11T09:16:13	2	0	6	6	0	0.9559	0.9559	0.0000	-0.9971	-0.9969	-0.0002
2023-11-11T09:16:17	1	0	116	115	1	1.0556	1.0556	0.0000	0.9951	0.9951	0.0000
2023-11-11T09:17:58	1	0	3	3	0	0.9921	0.9920	-0.0001	0.9957	0.9956	0.0001
2023-11-11T09:18:11	1	0	11	11	0	0.9437	0.9442	0.0005	0.9872	0.987	0.0002
2023-11-11T09:19:37	1	0	8	9	-1	1.0406	1.0402	-0.0004	0.9936	0.9935	0.0001
2023-11-11T09:19:39	2	0	124	123	1	0.9068	0.9069	0.0001	0.913	0.9131	-0.0001
2023-11-11T09:20:56	1	0	1	1	0	1.0426	1.0426	0.0000	0.9954	0.9953	0.0001
2023-11-11T09:27:15	2	0	31	29	2	1.0534	1.0531	-0.0003	0.9623	0.9621	0.0002
2023-11-11T09:30:43	1	0	7	7	0	1.0333	1.0332	-0.0001	-0.9998	-0.9998	0.0000
2023-11-11T09:34:42	4	0	285	285	0	0.8753	0.8754	0.0001	0.901	0.9006	0.0004
2023-11-11T09:39:19	1	0	1	1	0	1.0160	1.0156	-0.0004	-1	-1	0.0000
2023-11-11T09:42:56	1	0	1	1	0	1.0160	1.0156	-0.0004	0.9957	0.9956	0.0001
2023-11-11T09:43:39	1	0	1	1	0	1.0582	1.0579	-0.0003	-0.9917	-0.9915	-0.0002
2023-11-11T09:45:20	1	0	1	1	0	0.8702	0.8705	0.0003	0.9986	0.9986	0.0000
2023-11-11T09:45:22	7	0	46	50	-4	1.0573	1.0574	0.0001	0.9895	0.9886	0.0009
2023-11-11T09:46:41	3	0	17	17	0	1.0235	1.0234	-0.0001	-0.9982	-0.9982	0.0000
2023-11-11T09:48:13	1	0	1	1	0	0.9412	0.9416	0.0004	0.9879	0.9881	-0.0002
2023-11-11T09:49:28	2	0	1	0	1	1.0453	null	null	-0.9942	-0.9944	0.0002
2023-11-11T09:50:04	4	0	11	11	0	1.0480	1.0471	-0.0010	-0.996	-0.9961	0.0001
2023-11-11T09:54:55	1	0	150	148	2	1.0582	1.0582	0.0000	-0.9933	-0.9933	0.0000
2023-11-11T09:55:22	4	0	598	598	0	0.8661	0.8665	0.0005	0.913	0.9117	0.0013
2023-11-11T10:00:21	3	0	2	2	0	0.9211	0.9217	0.0006	0.9976	0.9977	-0.0001
2023-11-11T10:00:23	2	0	61	61	0	1.0622	1.0618	-0.0004	0.9894	0.9896	-0.0002
2023-11-11T10:01:20	1	0	210	210	0	1.0572	1.0572	0.0000	0.9951	0.9952	-0.0001
2023-11-11T10:01:44	1	0	24	24	0	1.0329	1.0329	0.0000	-0.9973	-0.9972	-0.0001
2023-11-11T10:01:50	3	0	39	36	3	1.0512	1.0507	-0.0005	-0.9993	-0.9993	0.0000
2023-11-11T10:02:01	2	0	5	5	0	1.0215	1.0213	-0.0002	0.993	0.993	0.0000
2023-11-11T10:03:22	4	0	2	2	0	1.0373	1.0357	-0.0016	-0.9713	-0.9716	0.0003
2023-11-11T10:03:23	1	0	4	4	0	1.0418	1.0417	-0.0001	0.9991	0.9992	-0.0001
2023-11-11T10:03:37	4	0	18	18	0	1.0443	1.0449	0.0006	-0.9981	-0.9981	0.0000
2023-11-11T10:04:29	2	0	1	1	0	1.0460	1.0457	-0.0003	-0.9952	-0.9954	0.0002
2023-11-11T10:04:38	2	0	5	5	0	1.0360	1.0358	-0.0002	0.9996	0.9996	0.0000
2023-11-11T10:04:44	1	0	4	4	0	1.0286	1.0285	-0.0001	0.9763	0.9761	0.0002
2023-11-11T10:04:46	2	0	4	4	0	1.0502	1.0496	-0.0006	-0.8876	-0.8882	0.0006
2023-11-11T10:06:20	1	0	1	1	0	0.9438	0.9441	0.0003	0.8477	0.8484	-0.0007
2023-11-11T10:09:23	3	0	2	1	1	1.0562	1.0560	-0.0003	-0.9939	-0.9941	0.0002
2023-11-11T10:09:56	1	0	183	182	1	1.0607	1.0606	0.0000	-0.9943	-0.9943	0.0000
2023-11-11T10:10:23	1	0	1	1	0	1.0186	1.0180	-0.0006	0.9658	0.9651	0.0007
2023-11-11T10:10:31	1	0	2	2	0	0.9583	0.9586	0.0003	0.998	0.998	0.0000
2023-11-11T10:11:27	3	0	3	3	0	0.9692	0.9687	-0.0005	0.9938	0.9936	0.0002
2023-11-11T10:11:57	2	0	1	1	0	0.9969	0.9974	0.0005	-0.9759	-0.9756	-0.0003
2023-11-11T10:13:17	1	0	2	2	0	1.0351	1.0349	-0.0003	0.9684	0.9682	0.0002
2023-11-11T10:14:00	1	0	9	9	0	1.0467	1.0466	-0.0001	-0.9874	-0.9878	0.0004
2023-11-11T10:14:13	1	0	86	84	2	1.0495	1.0494	-0.0001	-0.9939	-0.9939	0.0000
2023-11-11T10:15:13	1	0	21	21	0	1.0483	1.0482	0.0000	-1	-1	0.0000
2023-11-11T10:15:57	4	0	8	8	0	1.0312	1.0309	-0.0003	-0.9999	-0.9999	0.0000
2023-11-11T10:16:11	1	0	8	8	0	1.0314	1.0313	-0.0001	0.9982	0.998	0.0002
2023-11-11T10:16:51	4	0	30	30	0	1.0491	1.0490	-0.0002	-0.9986	-0.9986	0.0000
2023-11-11T10:17:31	2	0	18	17	1	1.0413	1.0404	-0.0009	0.9591	0.9591	0.0000
2023-11-11T10:17:35	1	0	2	2	0	1.0398	1.0391	-0.0006	0.9487	0.9483	0.0004
2023-11-11T10:18:23	6	0	102	81	21	0.9949	0.9948	-0.0001	-0.981	-0.9811	0.0001
2023-11-11T10:18:38	7	0	26	21	5	1.0497	1.0483	-0.0014	-0.997	-0.9971	0.0001
2023-11-11T10:19:48	1	0	36	36	0	0.9356	0.9356	0.0000	0.9417	0.9414	0.0003
2023-11-11T10:20:06	3	0	13	13	0	1.0482	1.0478	-0.0004	-0.9954	-0.9954	0.0000
2023-11-11T10:21:10	1	0	4	4	0	1.0509	1.0505	-0.0003	-0.9927	-0.9928	0.0001
2023-11-11T10:21:32	1	0	5	5	0	1.0196	1.0195	-0.0001	0.9999	0.9999	0.0000
2023-11-11T10:22:23	1	0	1	1	0	1.0613	1.0610	-0.0003	0.9991	0.9991	0.0000
2023-11-11T10:22:58	2	0	135	133	2	1.0562	1.0561	0.0000	-0.9494	-0.9491	-0.0003
2023-11-11T10:24:22	1	0	3	3	0	1.0468	1.0466	-0.0003	-1	-1	0.0000
2023-11-11T10:26:33	1	0	9	9	0	1.0517	1.0516	-0.0001	-0.9881	-0.9882	0.0001

2023-11-11T10:27:45	1	0	26	26	0	1.0491	1.0490	0.0000	0.9975	0.9974	0.0001
2023-11-11T10:27:46	1	0	2	2	0	1.0274	1.0273	-0.0001	0.9858	0.9857	0.0001
2023-11-11T10:29:14	1	0	90	89	1	1.0502	1.0502	-0.0001	-0.9943	-0.9943	0.0000
2023-11-11T10:31:47	1	0	6	6	0	1.0353	1.0352	-0.0002	-0.995	-0.9951	0.0001
2023-11-11T10:31:52	2	0	45	44	1	1.0498	1.0496	-0.0003	-0.9986	-0.9986	0.0000
2023-11-11T10:32:32	1	0	14	12	2	1.0448	1.0429	-0.0019	0.961	0.9609	0.0001
2023-11-11T10:34:26	4	0	3	2	1	1.0460	1.0456	-0.0004	0.9875	0.987	0.0005
2023-11-11T10:34:57	5	0	36	34	2	1.0529	1.0529	0.0000	0.9991	0.9991	0.0000
2023-11-11T10:38:19	1	0	1	0	1	1.0411	null	null	-0.9968	-0.9956	-0.0012
2023-11-11T10:39:05	2	0	3	1	2	1.0490	1.0551	0.0061	0.9887	0.9881	0.0006
2023-11-11T10:40:23	2	0	1	1	0	1.0280	1.0272	-0.0008	-0.9728	-0.973	0.0002
2023-11-11T10:40:25	1	0	744	737	7	0.8529	0.8531	0.0003	0.905	0.9134	-0.0084
2023-11-11T10:42:46	1	0	20	20	0	1.0472	1.0471	-0.0001	0.9926	0.9926	0.0000
2023-11-11T10:43:56	2	0	26	25	1	1.0511	1.0509	-0.0002	-0.9098	-0.9091	-0.0007
2023-11-11T10:44:05	3	0	19	17	2	1.0498	1.0495	-0.0003	-0.9999	-0.9999	0.0000
2023-11-11T10:44:56	2	0	1	0	1	1.0553	null	null	-0.999	-0.999	0.0000
2023-11-11T10:45:15	3	0	23	23	0	1.0481	1.0480	-0.0001	-1	-1	0.0000
2023-11-11T10:46:04	1	0	2	2	0	1.0242	1.0239	-0.0004	-0.9526	-0.952	-0.0006
2023-11-11T10:46:09	3	0	16	15	1	1.0388	1.0382	-0.0006	-0.9993	-0.9994	0.0001
2023-11-11T10:46:53	5	0	63	58	5	1.0535	1.0530	-0.0005	-0.9986	-0.9987	0.0001
2023-11-11T10:48:17	1	0	1	0	1	1.0625	null	null	0.9884	0.9883	0.0001
2023-11-11T10:48:27	1	0	1	1	0	1.0097	1.0094	-0.0003	0.9949	0.9948	0.0001
2023-11-11T10:48:34	1	0	2	2	0	1.0159	1.0158	-0.0002	-0.9861	-0.9861	0.0000
2023-11-11T10:48:40	1	0	33	33	0	1.0494	1.0493	-0.0001	-0.998	-0.998	0.0000
2023-11-11T10:49:43	1	0	39	39	0	1.0527	1.0527	-0.0001	0.998	0.998	0.0000
2023-11-11T10:49:54	1	0	3	3	0	1.0215	1.0210	-0.0005	0.9775	0.9769	0.0006
2023-11-11T10:49:58	1	0	31	30	1	1.0533	1.0532	-0.0001	0.999	0.999	0.0000
2023-11-11T10:51:42	3	0	6	6	0	0.9425	0.9422	-0.0003	-0.9965	-0.9967	0.0002
2023-11-11T10:53:00	4	0	164	162	2	1.0571	1.0571	0.0000	-0.9455	-0.9453	-0.0002
2023-11-11T10:53:42	4	0	3	3	0	1.0357	1.0347	-0.0010	0.9999	0.9999	0.0000
2023-11-11T10:54:59	1	0	162	162	0	1.0587	1.0587	0.0000	-0.9897	-0.9899	0.0002
2023-11-11T10:56:25	1	0	2	2	0	1.0387	1.0385	-0.0003	0.9825	0.9824	0.0001
2023-11-11T10:57:47	6	0	34	31	3	1.0478	1.0485	0.0007	0.995	0.9947	0.0003
2023-11-11T10:58:20	1	0	4	4	0	1.0367	1.0366	0.0000	0.9649	0.9647	0.0002
2023-11-11T10:59:16	1	0	97	97	0	1.0507	1.0507	0.0000	-0.9948	-0.9948	0.0000
2023-11-11T11:00:16	1	0	15	15	0	1.0473	1.0472	-0.0001	0.9925	0.9925	0.0000
2023-11-11T11:01:08	2	0	6	6	0	1.0375	1.0370	-0.0006	0.9985	0.9984	0.0001
2023-11-11T11:01:14	1	0	11	11	0	1.0355	1.0355	0.0000	0.9959	0.9957	0.0002
2023-11-11T11:01:47	3	0	18	18	0	1.0219	1.0217	-0.0001	-0.9983	-0.9982	-0.0001
2023-11-11T11:01:54	3	0	42	41	1	1.0539	1.0529	-0.0010	-0.9986	-0.9987	0.0001
2023-11-11T11:02:34	1	0	14	12	2	1.0441	1.0419	-0.0022	0.9566	0.9565	0.0001
2023-11-11T11:03:05	1	0	3	3	0	0.9951	0.9950	-0.0001	0.9944	0.9943	0.0001
2023-11-11T11:03:18	2	0	2	0	2	1.0580	null	null	0.9821	0.9815	0.0006
2023-11-11T11:03:30	2	0	3	2	1	1.0460	1.0406	-0.0054	0.9501	0.9501	0.0000
2023-11-11T11:03:45	1	0	49	49	0	1.0535	1.0534	-0.0001	-0.9977	-0.9977	0.0000
2023-11-11T11:04:59	5	0	61	58	3	1.0557	1.0556	-0.0001	0.9991	0.9991	0.0000
2023-11-11T11:05:09	1	0	13	13	0	1.0489	1.0487	-0.0002	-0.9942	-0.9942	0.0000
2023-11-11T11:06:35	4	0	7	8	-1	1.0110	1.0164	0.0055	0.9999	0.9999	0.0000
2023-11-11T11:08:01	4	0	184	182	2	1.0581	1.0580	-0.0001	-0.9396	-0.9395	-0.0001
2023-11-11T11:08:13	1	0	5	5	0	1.0321	1.0321	-0.0001	0.9998	0.9998	0.0000
2023-11-11T11:08:43	2	0	5	5	0	1.0376	1.0374	-0.0002	-0.9975	-0.9976	0.0001
2023-11-11T11:09:07	1	0	114	113	1	1.0573	1.0573	0.0000	0.9972	0.997	0.0002
2023-11-11T11:10:27	1	0	6	6	0	1.0227	1.0226	-0.0001	0.9669	0.966	0.0009
2023-11-11T11:12:48	1	0	31	31	0	1.0500	1.0500	0.0000	0.9923	0.9923	0.0000
2023-11-11T11:17:07	1	0	1	0	1	1.0560	null	null	0.9958	0.994	0.0018
2023-11-11T11:17:35	1	0	24	22	2	1.0508	1.0503	-0.0005	0.957	0.9569	0.0001
2023-11-11T11:18:07	1	0	1	1	0	1.0576	1.0569	-0.0007	0.9589	0.9587	0.0002
2023-11-11T11:18:19	3	0	2	2	0	0.9980	0.9978	-0.0002	0.9842	0.9847	-0.0005
2023-11-11T11:20:00	1	0	65	61	4	1.0526	1.0533	0.0007	0.9995	0.9995	0.0000
2023-11-11T11:20:10	6	0	19	14	5	1.0505	1.0510	0.0005	-0.9945	-0.9949	0.0004
2023-11-11T11:20:16	1	0	8	8	0	1.0170	1.0169	-0.0001	-0.9921	-0.9922	0.0001
2023-11-11T11:25:28	1	0	938	933	5	0.7859	0.7873	0.0014	0.8826	0.8824	0.0002
2023-11-11T11:25:36	1	0	67	67	0	0.9434	0.9418	-0.0016	0.9963	0.9964	-0.0001
2023-11-11T11:28:03	1	0	1	1	0	1.0253	1.0253	0.0000	0.995	0.9951	-0.0001
2023-11-11T11:28:22	2	0	4	4	0	1.0375	1.0374	-0.0001	0.9681	0.9738	-0.0057
2023-11-11T11:29:11	1	0	14	14	0	1.0476	1.0476	-0.0001	-0.9856	-0.9856	0.0000
2023-11-11T11:30:29	7	0	64	64	0	1.0666	1.0667	0.0000	0.9886	0.9886	0.0000
2023-11-11T11:31:16	3	0	20	19	1	1.0468	1.0459	-0.0009	0.9958	0.9956	0.0002
2023-11-11T11:31:26	1	0	284	284	0	1.0592	1.0592	0.0000	0.9952	0.9953	-0.0001
2023-11-11T11:33:20	3	0	4	3	1	1.0372	1.0041	-0.0332	0.9829	0.9824	0.0005
2023-11-11T11:34:00	1	0	6	6	0	1.0332	1.0332	0.0000	-0.9949	-0.9948	-0.0001
2023-11-11T11:34:30	8	0	5	5	0	1.0485	1.0485	0.0000	0.9892	0.9888	0.0004
2023-11-11T11:35:33	3	0	1	0	1	1.0118	null	null	0.9985	0.9985	0.0000
2023-11-11T11:36:15	1	0	3	3	0	1.0323	1.0324	0.0000	0.9995	0.9995	0.0000
2023-11-11T11:38:14	3	0	151	149	2	1.0570	1.0570	-0.0001	-0.9435	-0.9431	-0.0004
2023-11-11T11:39:09	3	0	3	4	-1	1.0540	1.0546	0.0005	0.9835	0.9837	-0.0002
2023-11-11T11:40:25	9	0	152	142	10	1.0477	1.0476	-0.0001	0.9998	0.9998	0.0000
2023-11-11T11:40:29	4	0	1	1	0	1.0046	1.0036	-0.0010	0.9661	0.9657	0.0004
2023-11-11T11:44:57	1	0	15	14	1	1.0470	1.0464	-0.0006	0.9989	0.9989	0.0000
2023-11-11T11:45:00	2	0	1	0	1	1.0637	null	null	0.9925	0.9924	0.0001
2023-11-11T11:46:23	1	0	4	4	0	1.0626	1.0626	0.0000	-0.998	-0.998	0.0000
2023-11-11T11:46:27	1	0	290	290	0	1.0597	1.0597	0.0000	0.9953	0.9954	-0.0001
2023-11-11T11:46:52	2	0	3	3	0	1.0365	1.0365	0.0000	-0.9925	-0.9924	-0.0001
2023-11-11T11:47:48	2	0	2	0	2	1.0561	null	null	0.9674	0.9672	0.0002
2023-11-11T11:49:01	1	0	5	5	0	1.0338	1.0338	0.0000	-0.9962	-0.9961	-0.0001

2023-11-11T11:50:02	6	0	103	100	3	1.0573	1.0573	0.0000	0.9997	0.9997	0.0000
2023-11-11T11:50:12	2	0	1	2	-1	0.9702	0.9575	-0.0128	-0.9672	-0.9668	-0.0004
2023-11-11T11:50:18	1	0	10	10	0	1.0246	1.0247	0.0000	-0.9925	-0.9924	-0.0001
2023-11-11T11:51:38	5	0	7	7	0	1.0109	1.0108	-0.0001	0.9997	0.9997	0.0000
2023-11-11T11:53:15	1	0	124	122	2	1.0553	1.0553	0.0000	-0.9478	-0.9475	-0.0003
2023-11-11T11:54:10	3	0	116	0	116	1.0596	null	null	0.991	0.9663	0.0247
2023-11-11T11:55:30	3	0	536	516	20	0.8926	0.8901	-0.0025	0.9258	0.9269	-0.0011
2023-11-11T11:56:34	4	0	3	3	0	1.0109	1.0105	-0.0004	0.9962	0.9963	-0.0001
2023-11-11T12:01:28	1	0	296	297	-1	1.0592	1.0592	0.0000	0.9946	0.9946	0.0000
2023-11-11T12:01:37	1	0	1	1	0	1.0409	1.0405	-0.0004	-0.9957	-0.9957	0.0000
2023-11-11T12:01:42	1	0	21	20	1	1.0482	1.0478	-0.0004	-0.9428	-0.9427	-0.0001
2023-11-11T12:01:53	2	0	3	3	0	1.0389	1.0389	0.0000	-0.9914	-0.9912	-0.0002
2023-11-11T12:02:38	1	0	21	21	0	1.0526	1.0526	0.0000	0.9432	0.9431	0.0001
2023-11-11T12:04:02	1	0	9	9	0	1.0364	1.0364	0.0000	-0.9938	-0.9937	-0.0001
2023-11-11T12:04:37	1	0	4	6	-2	1.0532	1.0545	0.0012	-0.9927	-0.9919	-0.0008
2023-11-11T12:05:03	6	0	68	71	-3	1.0559	1.0558	0.0000	0.999	0.999	0.0000
2023-11-11T12:05:13	2	0	2	3	-1	0.9437	0.9437	0.0000	-0.9658	-0.9653	-0.0005
2023-11-11T12:08:16	6	0	157	155	2	1.0565	1.0565	0.0000	-0.9542	-0.954	-0.0002
2023-11-11T12:10:31	3	0	729	730	-1	0.7801	0.7814	0.0012	0.8848	0.8844	0.0004
2023-11-11T12:16:19	2	0	12	12	0	1.0364	1.0363	-0.0001	0.9972	0.9971	0.0001
2023-11-11T12:31:20	2	0	5	5	0	1.0394	1.0394	0.0000	0.9873	0.9872	0.0001
2023-11-11T12:46:56	1	0	1	1	0	1.0354	1.0354	0.0000	-0.9979	-0.9979	0.0000
2023-11-11T12:55:34	2	0	600	600	0	0.8550	0.8559	0.0009	0.9154	0.9133	0.0021
2023-11-11T12:57:45	1	0	15	15	0	1.0517	1.0517	0.0000	0.9975	0.9974	0.0001
2023-11-11T12:58:11	1	0	4	4	0	1.0057	1.0057	0.0000	-0.9655	-0.9653	-0.0002
2023-11-11T13:01:22	1	0	7	8	-1	1.0364	1.0387	0.0023	0.9969	0.9967	0.0002
2023-11-11T13:05:17	1	0	13	14	-1	1.0487	1.0486	-0.0001	-0.9928	-0.9927	-0.0001
2023-11-11T13:09:15	2	0	1	2	-1	1.0600	1.0527	-0.0072	0.9932	0.9934	-0.0002
2023-11-11T13:13:34	1	0	3	4	-1	1.0266	1.0336	0.0070	0.9593	0.9592	0.0001
2023-11-11T13:16:54	1	0	2	2	0	1.0717	1.0675	-0.0042	-0.9998	0.9898	0.0104
2023-11-11T13:16:54	1	0	36	38	-2	1.0391	1.0383	-0.0008	-0.9911	-0.9924	0.0013
2023-11-11T13:18:27	2	0	3	2	1	1.0585	1.0575	-0.0010	0.9905	0.9908	-0.0003
2023-11-11T13:19:37	5	0	2	3	-1	1.0460	1.0460	0.0000	0.9899	0.9904	-0.0005
2023-11-11T13:25:36	1	0	596	596	0	0.8671	0.8672	0.0001	0.9185	0.9216	-0.0031
2023-11-11T13:26:41	4	0	2	2	0	0.9985	0.9983	-0.0001	0.9966	0.9966	0.0000
2023-11-11T13:28:11	1	0	3	4	-1	1.0243	1.0227	-0.0015	0.9952	0.9953	-0.0001
2023-11-11T13:30:04	1	0	53	52	1	1.0474	1.0472	-0.0002	0.9991	0.9991	0.0000
2023-11-11T13:30:50	4	0	64	64	0	1.0614	1.0607	-0.0007	0.9767	0.9928	-0.0161
2023-11-11T13:31:34	1	0	266	265	1	1.0585	1.0585	0.0000	0.9948	0.9948	0.0000
2023-11-11T13:39:17	2	0	3	3	0	1.0504	1.0502	-0.0002	0.9931	0.9931	0.0000
2023-11-11T13:40:37	1	0	1	1	0	1.0216	1.0211	-0.0005	0.9707	0.9709	-0.0002
2023-11-11T13:46:49	1	0	44	43	1	1.0490	1.0488	-0.0002	-0.9291	-0.9291	0.0000
2023-11-11T13:48:29	1	0	6	6	0	1.0537	1.0537	-0.0001	0.9892	0.9891	0.0001
2023-11-11T13:53:23	4	0	204	200	4	1.0582	1.0582	0.0000	-0.9476	-0.9474	-0.0002
2023-11-11T13:56:42	2	0	2	2	0	0.9955	0.9953	-0.0002	0.9959	0.9959	0.0000
2023-11-11T14:00:52	5	0	11	9	2	1.0534	1.0502	-0.0033	0.9732	0.9731	0.0001
2023-11-11T14:01:26	1	0	19	14	5	1.0438	1.0419	-0.0019	0.9971	0.9969	0.0002
2023-11-11T14:03:30	1	0	5	6	-1	1.0285	1.0258	-0.0027	0.97	0.97	0.0000
2023-11-11T14:04:48	2	0	5	5	0	1.0586	1.0573	-0.0012	-0.9969	-0.9968	-0.0001
2023-11-11T14:06:49	1	0	6	6	0	1.0201	1.0200	-0.0001	0.9994	0.9994	0.0000
2023-11-11T14:07:09	2	0	15	14	1	1.0514	1.0510	-0.0004	-0.9872	-0.9872	0.0000
2023-11-11T14:09:19	2	0	1	1	0	1.0567	1.0565	-0.0002	0.9938	0.9937	0.0001
2023-11-11T14:10:44	2	0	2	2	0	1.0188	1.0185	-0.0003	0.9699	0.9691	0.0008
2023-11-11T14:11:43	2	0	2	2	0	0.9985	0.9983	-0.0002	0.9964	0.9963	0.0001
2023-11-11T14:13:16	1	0	2	2	0	1.0136	1.0136	0.0000	-0.9737	-0.9735	-0.0002
2023-11-11T14:13:38	2	0	3	3	0	1.0334	1.0333	-0.0001	0.9671	0.967	0.0001
2023-11-11T14:15:53	4	0	27	23	4	1.0562	1.0552	-0.0010	0.9477	0.9723	-0.0246
2023-11-11T14:16:21	2	0	2	3	-1	1.0384	1.0364	-0.0020	0.9976	0.9977	-0.0001
2023-11-11T14:16:33	1	0	36	26	10	0.9531	0.9537	0.0006	-0.9988	-0.9988	0.0000
2023-11-11T14:16:37	1	0	203	203	0	1.0574	1.0574	0.0000	0.9944	0.9944	0.0000
2023-11-11T14:18:31	2	0	1	1	0	1.0614	1.0608	-0.0006	0.9696	0.9694	0.0002
2023-11-11T14:18:40	11	0	106	104	2	0.9167	0.9168	0.0001	-0.998	-0.9981	0.0001
2023-11-11T14:19:45	2	0	4	4	0	1.0470	1.0468	-0.0003	0.9901	0.99	0.0001
2023-11-11T14:20:12	2	0	45	44	1	1.0529	1.0529	0.0000	1	1	0.0000
2023-11-11T14:20:13	9	0	3	3	0	1.0268	1.0267	-0.0001	0.944	0.9427	0.0013
2023-11-11T14:20:22	2	0	1	0	1	0.9448	null	null	-0.9529	-0.952	-0.0009
2023-11-11T14:21:50	5	0	6	6	0	1.0218	1.0217	-0.0001	0.9996	0.9996	0.0000
2023-11-11T14:21:56	5	0	6	7	-1	0.9256	0.9282	0.0026	-0.997	-0.997	0.0000
2023-11-11T14:22:33	1	0	23	23	0	1.0480	1.0480	0.0000	-0.9994	-0.9994	0.0000
2023-11-11T14:23:37	6	0	23	22	1	1.0349	1.0339	-0.0010	-0.9908	-0.991	0.0002
2023-11-11T14:24:20	2	0	1	1	0	1.0555	1.0553	-0.0002	0.9937	0.9936	0.0001
2023-11-11T14:24:38	4	0	2	2	0	1.0613	1.0611	-0.0002	0.9997	0.9997	0.0000
2023-11-11T14:25:30	2	0	1	0	1	1.0173	null	null	0.9821	0.9818	0.0003
2023-11-11T14:25:45	2	0	7	7	0	1.0184	1.0183	0.0000	0.9658	0.9652	0.0006
2023-11-11T14:26:44	2	0	3	3	0	1.0102	1.0099	-0.0002	0.9968	0.9968	0.0000
2023-11-11T14:27:35	4	0	22	22	0	1.0524	1.0524	-0.0001	0.9904	0.9902	0.0002
2023-11-11T14:28:49	2	0	3	3	0	1.0318	1.0318	0.0000	0.9661	0.966	0.0001
2023-11-11T14:30:54	3	0	68	68	0	1.0647	1.0634	-0.0013	0.948	0.9729	-0.0249
2023-11-11T14:31:22	2	0	5	5	0	1.0384	1.0382	-0.0001	0.9971	0.9971	0.0000
2023-11-11T14:31:34	1	0	2	2	0	1.0056	1.0057	0.0001	-0.9988	-0.9988	0.0000
2023-11-11T14:31:38	1	0	230	230	0	1.0578	1.0578	0.0000	0.9942	0.9942	0.0000
2023-11-11T14:33:32	6	0	3	3	0	0.9406	0.9777	0.0371	0.9604	0.9609	-0.0005
2023-11-11T14:34:46	1	0	2	2	0	1.0322	1.0322	-0.0001	0.979	0.9788	0.0002
2023-11-11T14:34:46	4	0	4	4	0	1.0471	1.0469	-0.0002	0.9904	0.9903	0.0001
2023-11-11T14:34:50	2	0	3	3	0	1.0568	1.0566	-0.0002	-0.9965	-0.9968	0.0003

2023-11-11T14:35:17	5	0	4	4	0	1.0088	1.0082	-0.0006	0.9384	0.9371	0.0013
2023-11-11T14:35:23	1	0	2	1	1	0.9447	0.9449	0.0002	-0.9672	-0.9663	-0.0009
2023-11-11T14:36:38	1	0	1	1	0	0.9435	0.9439	0.0004	0.8422	0.8428	-0.0006
2023-11-11T14:36:51	5	0	6	6	0	1.0225	1.0225	-0.0001	0.9994	0.9994	0.0000
2023-11-11T14:36:57	2	0	4	4	0	0.9189	0.9190	0.0001	-0.9965	-0.9965	0.0000
2023-11-11T14:38:38	7	0	20	20	0	1.0291	1.0290	-0.0001	-0.9931	-0.9927	-0.0004
2023-11-11T14:39:40	2	0	2	2	0	1.0628	1.0627	-0.0002	0.9997	0.9997	0.0000
2023-11-11T14:40:46	2	0	6	6	0	1.0249	1.0249	0.0000	0.9733	0.9731	0.0002
2023-11-11T14:42:32	3	0	5	5	0	1.0226	1.0224	-0.0001	0.9885	0.988	0.0005
2023-11-11T14:42:36	4	0	23	23	0	1.0523	1.0522	-0.0001	0.9908	0.9907	0.0001
2023-11-11T14:42:52	1	0	2	2	0	1.0474	1.0474	0.0000	0.9865	0.9865	0.0000
2023-11-11T14:43:02	2	0	22	22	0	1.0469	1.0469	-0.0001	0.9866	0.9864	0.0002
2023-11-11T14:43:16	2	0	3	3	0	1.0243	1.0240	-0.0003	0.9956	0.9954	0.0002
2023-11-11T14:43:18	1	0	4	4	0	1.0039	1.0039	0.0000	-0.9759	-0.9757	-0.0002
2023-11-11T14:43:54	1	0	2	2	0	1.0358	1.0355	-0.0003	0.9973	0.9973	0.0000
2023-11-11T14:43:58	2	0	3	3	0	1.0304	1.0304	0.0000	0.9679	0.9679	0.0000
2023-11-11T14:44:24	1	0	13	13	0	1.0451	1.0451	0.0000	-0.983	-0.983	0.0000
2023-11-11T14:45:49	1	0	8	8	0	1.0531	1.0531	-0.0001	-0.9997	-0.9998	0.0001
2023-11-11T14:46:23	2	0	5	5	0	1.0382	1.0382	0.0000	0.9994	0.9994	0.0000
2023-11-11T14:48:42	7	0	61	61	0	0.9442	0.9366	-0.0076	-0.9957	-0.9957	0.0000
2023-11-11T14:50:24	2	0	13	12	1	1.0461	1.0476	0.0015	-0.9931	-0.9931	0.0000
2023-11-11T14:51:52	1	0	17	15	2	0.9737	0.9763	0.0026	0.9992	0.9993	-0.0001
2023-11-11T14:54:22	2	0	5	5	0	1.0169	1.0168	-0.0001	0.9929	0.9928	0.0001
2023-11-11T14:55:47	1	0	404	399	5	0.9227	0.9232	0.0006	0.9543	0.9468	0.0075
2023-11-11T14:57:37	2	0	26	25	1	1.0528	1.0527	-0.0001	0.9913	0.9912	0.0001
2023-11-11T15:00:23	2	0	1	1	0	1.0257	1.0251	-0.0006	-0.9835	-0.9837	0.0002
2023-11-11T15:03:34	1	0	2	0	2	1.0579	null	null	0.9689	0.9681	0.0008
2023-11-11T15:06:59	3	0	5	5	0	0.9434	0.9433	-0.0001	-0.9968	-0.9968	0.0000
2023-11-11T15:07:36	1	0	11	11	0	1.0454	1.0454	0.0000	-0.9997	-0.9997	0.0000
2023-11-11T15:10:48	1	0	6	6	0	1.0213	1.0212	-0.0001	0.9634	0.9625	0.0009
2023-11-11T15:12:34	1	0	8	8	0	1.0224	1.0223	-0.0001	0.9891	0.9868	0.0023
2023-11-11T15:14:23	1	0	15	15	0	1.0486	1.0486	0.0000	-0.9999	-0.9998	-0.0001
2023-11-11T15:16:31	1	0	6	6	0	1.0348	1.0347	-0.0001	0.9969	0.9968	0.0001
2023-11-11T15:16:50	1	0	1	1	0	1.0407	1.0403	-0.0004	-0.9965	-0.9965	0.0000
2023-11-11T15:18:44	2	0	143	143	0	0.9137	0.9138	0.0001	-0.9988	-0.9988	0.0000
2023-11-11T15:25:49	2	0	514	513	1	0.8845	0.8848	0.0004	0.9365	0.9291	0.0074
2023-11-11T15:27:18	2	0	1	1	0	0.9941	0.9947	0.0006	-0.9762	-0.9759	-0.0003
2023-11-11T15:29:24	1	0	17	17	0	1.0484	1.0484	0.0000	-0.9999	-0.9999	0.0000
2023-11-11T15:33:36	1	0	5	5	0	0.9399	0.9400	0.0001	0.9606	0.9601	0.0005
2023-11-11T15:35:32	2	0	52	51	1	0.9248	0.9248	0.0000	0.9128	0.9126	0.0002
2023-11-11T15:36:31	1	0	1	1	0	1.0607	1.0607	0.0000	-0.9998	-0.9998	0.0000
2023-11-11T15:39:01	1	0	1	1	0	1.0297	1.0297	0.0000	0.9981	0.9981	0.0000
2023-11-11T15:39:44	1	0	2	2	0	1.0393	1.0391	-0.0002	0.9998	0.9996	0.0002
2023-11-11T15:40:50	1	0	3	3	0	1.0265	1.0263	-0.0001	0.97	0.9693	0.0007
2023-11-11T15:44:25	1	0	17	17	0	1.0484	1.0484	0.0000	-0.9997	-0.9997	0.0000
2023-11-11T15:48:37	1	0	4	5	-1	0.9400	0.9408	0.0008	0.9625	0.9628	-0.0003
2023-11-11T15:56:50	4	0	3	3	0	0.9970	0.9965	-0.0004	0.9965	0.9967	-0.0002
2023-11-11T15:59:26	1	0	14	14	0	1.0475	1.0475	0.0000	-0.9998	-0.9998	0.0000
2023-11-11T16:03:38	3	0	5	5	0	0.9386	0.9390	0.0004	0.9599	0.9599	0.0000
2023-11-11T16:14:27	1	0	12	12	0	1.0473	1.0472	-0.0001	-0.9997	-0.9998	0.0001
2023-11-11T16:24:28	1	0	4	4	0	1.0196	1.0197	0.0001	0.9936	0.9938	-0.0002
2023-11-11T16:27:46	1	0	25	25	0	1.0467	1.0506	0.0040	0.9886	0.9845	0.0041
2023-11-11T16:55:00	1	0	3	3	0	0.9463	0.9468	0.0005	0.9987	0.998	0.0007
2023-11-11T18:36:55	2	0	1	1	0	1.0251	1.0251	0.0000	0.9314	0.9313	0.0001
2023-11-11T18:39:13	1	0	1	1	0	1.0322	1.0322	0.0000	0.9992	0.9992	0.0000
2023-11-12T07:49:57	2	0	83	80	3	0.9429	0.9430	0.0000	-0.9837	-0.9828	-0.0009
2023-11-12T07:51:24	1	0	43	42	1	1.0496	1.0460	-0.0035	1	1	0.0000
2023-11-12T08:04:55	1	0	44	42	2	1.0519	1.0519	0.0000	0.9979	0.9979	0.0000
2023-11-12T08:04:58	1	0	43	42	1	0.9426	0.9426	0.0000	-0.9784	-0.9774	-0.0010
2023-11-12T08:06:25	2	0	96	96	0	1.0638	1.0637	-0.0001	1	1	0.0000
2023-11-12T08:13:51	2	0	12	11	1	1.0556	1.0556	0.0000	-0.9485	-0.948	-0.0005
2023-11-12T08:16:12	2	0	82	81	1	0.9416	0.9418	0.0002	-0.9998	-0.9997	-0.0001
2023-11-12T08:17:57	1	0	92	92	0	0.9472	0.9474	0.0002	0.9948	0.9948	0.0000
2023-11-12T08:21:33	2	0	12	11	1	0.9333	0.9334	0.0001	-0.9951	-0.9968	0.0017
2023-11-12T08:28:52	2	0	16	15	1	1.0547	1.0547	-0.0001	-0.9401	-0.9401	0.0000
2023-11-12T08:28:59	1	0	5	5	0	1.0461	1.0461	0.0000	-0.9999	-0.9999	0.0000
2023-11-12T08:34:57	1	0	75	75	0	1.0564	1.0564	0.0000	0.997	0.997	0.0000
2023-11-12T08:43:18	2	0	3	3	0	1.0320	1.0318	-0.0003	-0.988	-0.9881	0.0001
2023-11-12T08:43:53	2	0	20	18	2	1.0554	1.0553	0.0000	-0.9531	-0.9525	-0.0006
2023-11-12T08:58:19	1	0	3	3	0	1.0313	1.0311	-0.0002	-0.9882	-0.9882	0.0000
2023-11-12T09:03:00	1	0	85	82	3	0.9517	0.9522	0.0005	0.9949	0.9949	0.0000
2023-11-12T09:03:11	1	0	5	5	0	1.0254	1.0253	-0.0001	0.9972	0.9972	0.0000
2023-11-12T09:05:02	1	0	31	28	3	0.9437	0.9438	0.0002	-0.9996	-0.9995	-0.0001
2023-11-12T09:06:29	3	0	67	56	11	1.0533	1.0526	-0.0007	0.9988	0.9989	-0.0001
2023-11-12T09:06:36	3	0	31	25	6	0.9470	0.9475	0.0005	-0.999	-0.9979	-0.0011
2023-11-12T09:09:55	1	0	57	54	3	1.0557	1.0556	0.0000	0.9994	0.9994	0.0000
2023-11-12T09:14:02	1	0	8	8	0	1.0459	1.0458	-0.0001	-1	-1	0.0000
2023-11-12T09:18:12	3	0	5	5	0	0.9664	0.9667	0.0003	0.9896	0.9896	0.0000
2023-11-12T09:19:39	1	0	15	15	0	1.0442	1.0441	-0.0001	0.9976	0.9976	0.0000
2023-11-12T09:20:00	2	0	41	39	2	1.0556	1.0544	-0.0012	0.9942	0.9941	0.0001
2023-11-12T09:24:22	2	0	1	1	0	1.0209	1.0200	-0.0009	0.9999	0.9999	0.0000
2023-11-12T09:28:56	2	0	18	15	3	1.0546	1.0538	-0.0007	-0.9401	-0.9405	0.0004
2023-11-12T09:33:24	3	0	2	2	0	1.0321	1.0313	-0.0008	-0.9756	-0.9757	0.0001
2023-11-12T09:34:45	3	0	5	5	0	1.0049	1.0046	-0.0003	0.9579	0.9574	0.0005
2023-11-12T09:35:22	1	0	1	1	0	1.0368	1.0364	-0.0004	0.9999	0.9999	0.0000

2023-11-12T09:39:02	2	0	2	2	0	1.0483	1.0473	-0.0010	-1	1	0.0000
2023-11-12T09:40:21	2	0	3	4	-1	0.9759	0.9671	-0.0089	-0.9651	-0.9651	0.0000
2023-11-12T09:43:19	1	0	3	3	0	1.0342	1.0342	0.0000	0.9813	0.9774	0.0039
2023-11-12T09:43:41	3	0	5	4	1	0.9696	0.9764	0.0068	-0.9952	-0.9948	-0.0004
2023-11-12T09:45:22	4	0	2	2	0	0.9161	0.9167	0.0006	0.9972	0.9972	0.0000
2023-11-12T09:45:24	7	0	67	67	0	1.0709	1.0693	-0.0016	0.9768	0.9551	0.0217
2023-11-12T09:45:41	1	0	9	9	0	1.0365	1.0364	-0.0001	-0.9997	-0.9997	0.0000
2023-11-12T09:46:18	1	0	89	84	5	0.9500	0.9503	0.0003	-0.9982	-0.998	-0.0002
2023-11-12T09:46:44	3	0	34	34	0	1.0129	1.0128	-0.0001	-0.9903	-0.9901	-0.0002
2023-11-12T09:47:00	2	0	6	6	0	1.0201	1.0200	-0.0002	0.9915	0.9915	0.0000
2023-11-12T09:50:21	1	0	1	0	1	0.9448	null	null	0.9933	0.9936	-0.0003
2023-11-12T09:54:24	1	0	1	1	0	1.0113	1.0108	-0.0005	0.9996	0.9996	0.0000
2023-11-12T09:54:38	1	0	3	3	0	0.9698	0.9697	-0.0001	0.9998	0.9998	0.0000
2023-11-12T09:55:23	1	0	2	2	0	1.0167	1.0167	-0.0001	0.9781	0.9776	0.0005
2023-11-12T10:00:14	2	0	25	25	0	1.0481	1.0480	-0.0001	-1	-1	0.0000
2023-11-12T10:01:11	2	0	5	6	-1	1.0294	1.0276	-0.0018	0.9951	0.9949	0.0002
2023-11-12T10:01:21	1	0	305	305	0	1.0595	1.0595	0.0000	0.9944	0.9944	0.0000
2023-11-12T10:01:31	2	0	2	2	0	1.0356	1.0352	-0.0004	-0.9975	-0.9976	0.0001
2023-11-12T10:01:47	1	0	40	40	0	1.0384	1.0384	0.0000	-0.9804	-0.9799	-0.0005
2023-11-12T10:03:23	1	0	4	4	0	1.0392	1.0391	-0.0001	0.9992	0.9993	-0.0001
2023-11-12T10:03:26	1	0	2	2	0	1.0329	1.0326	-0.0003	-0.9715	-0.9715	0.0000
2023-11-12T10:04:39	2	0	2	2	0	1.0346	1.0341	-0.0005	0.9991	0.9991	0.0000
2023-11-12T10:06:12	1	0	1	1	0	1.0581	1.0570	-0.0011	-0.996	-0.9961	0.0001
2023-11-12T10:06:20	1	0	1	1	0	0.9409	0.9412	0.0003	0.8484	0.849	-0.0006
2023-11-12T10:06:33	2	0	4	4	0	1.0062	1.0062	0.0000	0.9954	0.9953	0.0001
2023-11-12T10:09:59	1	0	114	113	1	1.0577	1.0577	0.0000	0.9993	0.9993	0.0000
2023-11-12T10:10:23	2	0	2	0	2	0.9446	null	null	-0.9721	-0.9702	-0.0019
2023-11-12T10:10:24	1	0	1	1	0	1.0052	1.0048	-0.0004	0.9703	0.9697	0.0006
2023-11-12T10:10:33	1	0	2	2	0	0.9766	0.9768	0.0001	0.9894	0.9892	0.0002
2023-11-12T10:13:59	2	0	19	18	1	1.0552	1.0550	-0.0001	-0.9433	-0.9427	-0.0006
2023-11-12T10:14:02	2	0	11	11	0	1.0454	1.0453	-0.0001	-0.9862	-0.9866	0.0004
2023-11-12T10:14:15	1	0	98	97	1	1.0507	1.0506	0.0000	-0.9929	-0.9929	0.0000
2023-11-12T10:14:29	1	0	3	3	0	0.9898	0.9895	-0.0002	0.9849	0.9849	0.0000
2023-11-12T10:14:57	1	0	1	0	1	1.0248	null	null	0.9986	0.9986	0.0000
2023-11-12T10:15:15	1	0	25	25	0	1.0476	1.0475	-0.0001	-1	-1	0.0000
2023-11-12T10:15:46	1	0	5	5	0	1.0328	1.0327	-0.0001	-0.9999	-0.9999	0.0000
2023-11-12T10:16:20	1	0	7	7	0	0.9689	0.9689	0.0001	-0.9994	-0.9994	0.0000
2023-11-12T10:16:23	3	0	3	3	0	1.0458	1.0457	-0.0001	-0.957	-0.957	0.0000
2023-11-12T10:18:16	1	0	1	0	1	1.0587	null	null	0.9973	0.9973	0.0000
2023-11-12T10:18:27	2	0	3	3	0	1.0290	1.0289	-0.0002	-0.9746	-0.9746	0.0000
2023-11-12T10:18:40	6	0	15	15	0	1.0455	1.0453	-0.0003	-0.9955	-0.9956	0.0001
2023-11-12T10:19:32	2	0	2	0	2	1.0510	null	null	-0.9975	-0.9976	0.0001
2023-11-12T10:19:48	1	0	4	4	0	1.0058	1.0055	-0.0002	0.9549	0.9539	0.0010
2023-11-12T10:20:09	7	0	9	4	5	1.0454	1.0436	-0.0018	-0.9967	-0.9976	0.0009
2023-11-12T10:24:01	1	0	1	1	0	0.9778	0.9781	0.0003	0.9828	0.983	-0.0002
2023-11-12T10:24:26	2	0	3	3	0	1.0298	1.0295	-0.0003	0.9997	0.9998	-0.0001
2023-11-12T10:24:27	2	0	1	1	0	1.0558	1.0550	-0.0008	-0.9948	-0.995	0.0002
2023-11-12T10:25:24	1	0	7	7	0	0.9441	0.9444	0.0003	-0.9757	-0.9744	-0.0013
2023-11-12T10:26:38	1	0	1	1	0	0.9368	0.9371	0.0003	-1	-1	0.0000
2023-11-12T10:27:41	1	0	12	12	0	1.0372	1.0372	0.0000	0.9911	0.9911	0.0000
2023-11-12T10:31:05	1	0	1	1	0	1.0234	1.0231	-0.0003	-0.9518	-0.9511	-0.0007
2023-11-12T10:31:13	1	0	5	5	0	1.0282	1.0282	-0.0001	0.9953	0.9952	0.0001
2023-11-12T10:31:24	3	0	1	0	1	1.0453	null	null	-0.9604	-0.9606	0.0002
2023-11-12T10:32:09	1	0	1	1	0	1.0562	1.0553	-0.0009	0.9969	0.9968	0.0001
2023-11-12T10:33:17	1	0	1	0	1	1.0122	null	null	0.9903	0.9902	0.0001
2023-11-12T10:33:28	2	0	2	2	0	1.0341	1.0338	-0.0003	-0.9707	-0.9709	0.0002
2023-11-12T10:34:33	2	0	2	2	0	1.0508	1.0504	-0.0003	-0.996	-0.9963	0.0003
2023-11-12T10:34:51	4	0	298	298	0	0.8255	0.8262	0.0007	0.9021	0.9021	0.0000
2023-11-12T10:37:26	1	0	1	1	0	1.0560	1.0556	-0.0004	0.9835	0.9834	0.0001
2023-11-12T10:40:25	1	0	2	2	0	0.9445	0.9448	0.0003	-0.9751	-0.9741	-0.0010
2023-11-12T10:42:01	3	0	1	1	0	0.9914	0.9926	0.0012	-0.9816	-0.9811	-0.0005
2023-11-12T10:42:43	1	0	14	14	0	1.0407	1.0406	-0.0001	0.9939	0.9938	0.0001
2023-11-12T10:42:49	1	0	2	2	0	1.0191	1.0190	-0.0001	0.9886	0.9886	0.0000
2023-11-12T10:43:26	2	0	7	5	2	1.0373	1.0337	-0.0036	-0.9986	-0.9988	0.0002
2023-11-12T10:44:17	1	0	103	103	0	1.0515	1.0513	-0.0001	-0.992	-0.992	0.0000
2023-11-12T10:44:59	2	0	2	1	1	1.0419	1.0259	-0.0160	0.9989	0.9989	0.0000
2023-11-12T10:45:28	1	0	2	2	0	1.0259	1.0253	-0.0007	0.9164	0.9173	-0.0009
2023-11-12T10:46:25	3	0	1	0	1	1.0445	null	null	-0.9538	-0.9539	0.0001
2023-11-12T10:46:50	1	0	24	24	0	1.0260	1.0260	0.0000	-0.9976	-0.9974	-0.0002
2023-11-12T10:46:56	4	0	14	10	4	1.0469	1.0464	-0.0006	-0.9976	-0.9977	0.0001
2023-11-12T10:48:18	2	0	9	8	1	0.9433	0.9417	-0.0017	0.9826	0.9821	0.0005
2023-11-12T10:48:29	1	0	1	1	0	1.0082	1.0078	-0.0004	0.9806	0.9801	0.0005
2023-11-12T10:48:36	1	0	2	2	0	1.0200	1.0198	-0.0002	-0.9906	-0.9906	0.0000
2023-11-12T10:48:42	3	0	33	31	2	1.0482	1.0488	0.0005	-0.9989	-0.9986	-0.0003
2023-11-12T10:49:45	1	0	28	28	0	1.0515	1.0515	-0.0001	0.9979	0.9979	0.0000
2023-11-12T10:50:06	2	0	19	19	0	1.0499	1.0498	-0.0001	0.9915	0.9913	0.0002
2023-11-12T10:50:09	1	0	158	155	3	0.9393	0.9394	0.0000	0.9999	0.9999	0.0000
2023-11-12T10:51:36	1	0	6	6	0	1.0247	1.0246	-0.0001	0.9998	0.9998	0.0000
2023-11-12T10:54:33	1	0	1	0	1	1.0338	null	null	-0.9941	-0.9941	0.0000
2023-11-12T10:56:27	1	0	1	1	0	1.0560	1.0557	-0.0003	0.9875	0.9863	0.0012
2023-11-12T10:57:45	2	0	14	14	0	1.0406	1.0405	-0.0001	0.9939	0.9939	0.0000
2023-11-12T10:58:24	1	0	3	3	0	1.0285	1.0284	0.0000	0.9756	0.9754	0.0002
2023-11-12T11:00:18	1	0	9	9	0	1.0484	1.0483	-0.0002	0.9955	0.9955	0.0000
2023-11-12T11:01:51	9	0	23	22	1	1.0269	1.0254	-0.0016	-0.998	-0.998	0.0000
2023-11-12T11:01:57	5	0	18	17	1	1.0511	1.0507	-0.0003	-0.9976	-0.9977	0.0001

2023-11-12T11:03:08	1	0	73	73	0	0.9618	0.9618	0.0000	0.9946	0.9946	0.0000
2023-11-12T11:03:19	2	0	4	5	-1	0.9406	0.9636	0.0230	0.9809	0.9811	-0.0002
2023-11-12T11:03:30	2	0	2	2	0	1.0371	1.0365	-0.0006	-0.9721	-0.9722	0.0001
2023-11-12T11:03:34	2	0	4	3	1	1.0435	1.0391	-0.0045	0.9719	0.9662	0.0057
2023-11-12T11:03:47	1	0	13	13	0	1.0452	1.0451	-0.0001	-0.9986	-0.9986	0.0000
2023-11-12T11:05:16	1	0	175	175	0	0.9487	0.9489	0.0002	-0.9998	-0.9998	0.0000
2023-11-12T11:06:16	1	0	3	3	0	1.0331	1.0332	0.0002	-0.9937	-0.9938	0.0001
2023-11-12T11:08:43	5	0	2	2	0	1.0337	1.0330	-0.0008	-1	1	0.0000
2023-11-12T11:09:08	1	0	7	8	-1	1.0558	1.0544	-0.0014	0.9945	-1	-0.0055
2023-11-12T11:11:27	1	0	2	2	0	1.0765	1.0760	-0.0005	-0.9823	-0.9824	0.0001
2023-11-12T11:11:28	1	0	2	2	0	1.0364	1.0361	-0.0004	0.9826	0.9825	0.0001
2023-11-12T11:14:10	3	0	12	11	1	1.0488	1.0478	-0.0009	-1	-1	0.0000
2023-11-12T11:16:16	1	0	3	3	0	1.0349	1.0349	0.0000	0.9965	0.9954	0.0011
2023-11-12T11:16:27	7	0	2	1	1	1.0454	1.0446	-0.0009	-0.9591	-0.9597	0.0006
2023-11-12T11:18:09	1	0	3	3	0	0.9937	0.9931	-0.0005	0.9941	0.9939	0.0002
2023-11-12T11:18:20	1	0	4	3	1	0.9719	0.9422	-0.0297	0.9822	0.9818	0.0004
2023-11-12T11:19:44	1	0	3	3	0	1.0347	1.0346	-0.0001	0.9998	0.9998	0.0000
2023-11-12T11:20:17	3	0	157	155	2	0.9547	0.9550	0.0003	-0.9999	-0.9999	0.0000
2023-11-12T11:29:07	1	0	13	13	0	1.0487	1.0487	0.0000	-0.9825	-0.9826	0.0001
2023-11-12T11:29:34	1	0	1	1	0	1.0121	1.0116	-0.0005	0.9862	0.9868	-0.0006
2023-11-12T11:31:27	1	0	243	243	0	1.0587	1.0587	0.0000	0.994	0.994	0.0000
2023-11-12T11:33:21	6	0	6	7	-1	0.9413	0.9419	0.0007	0.981	0.9802	0.0008
2023-11-12T11:33:36	1	0	3	2	1	1.0470	1.0414	-0.0056	0.9735	0.9735	0.0000
2023-11-12T11:34:54	1	0	2	1	1	1.0517	1.0450	-0.0067	-0.8332	-0.8334	0.0002
2023-11-12T11:35:14	8	0	7	7	0	1.0486	1.0460	-0.0026	-0.9966	-0.9966	0.0000
2023-11-12T11:37:20	1	0	12	12	0	1.0421	1.0420	-0.0001	1	1	0.0000
2023-11-12T11:37:58	1	0	117	116	1	1.0551	1.0551	0.0000	-0.9477	-0.9473	-0.0004
2023-11-12T11:42:53	1	0	1	1	0	1.0307	1.0307	0.0000	0.9875	0.9875	0.0000
2023-11-12T11:45:32	5	0	49	36	13	1.0578	1.0544	-0.0034	0.9551	0.9547	0.0004
2023-11-12T11:46:28	1	0	205	205	0	1.0580	1.0580	0.0000	0.9931	0.9932	-0.0001
2023-11-12T11:56:39	2	0	3	3	0	0.9686	0.9682	-0.0004	0.9948	0.9947	0.0001
2023-11-12T11:57:54	1	0	1	1	0	1.0277	1.0277	0.0000	0.9864	0.9864	0.0000
2023-11-12T12:00:33	3	0	8	8	0	1.0502	1.0502	0.0000	0.9549	0.9553	-0.0004
2023-11-12T12:01:29	1	0	208	208	0	1.0582	1.0582	0.0000	0.9935	0.9936	-0.0001
2023-11-12T12:03:23	6	0	4	5	-1	0.9703	0.9872	0.0169	0.9808	0.9804	0.0004
2023-11-12T12:10:31	1	0	1	0	1	1.0563	null	null	-0.9767	-0.9767	0.0000
2023-11-12T12:11:40	2	0	2	2	0	0.9229	0.9230	0.0001	0.995	0.995	0.0000
2023-11-12T12:12:55	1	0	1	1	0	1.0295	1.0294	-0.0001	0.9862	0.9862	0.0000
2023-11-12T12:15:21	1	0	20	19	1	1.0473	1.0468	-0.0005	0.9997	0.9997	0.0000
2023-11-12T12:23:16	1	0	14	13	1	1.0477	1.0471	-0.0006	-0.9352	-0.9351	-0.0001
2023-11-12T12:31:09	1	0	26	25	1	1.0506	1.0504	-0.0002	-0.8981	-0.8987	0.0006
2023-11-12T12:36:30	1	0	34	33	1	1.0531	1.0530	-0.0001	-0.9918	-0.9918	0.0000
2023-11-12T12:37:08	2	0	26	26	0	1.0522	1.0520	-0.0002	-0.9512	-0.9512	0.0000
2023-11-12T12:57:25	1	0	1	1	0	1.0576	1.0556	-0.0020	0.9936	0.9936	0.0000
2023-11-12T12:57:47	1	0	5	5	0	1.0514	1.0513	-0.0001	0.9888	0.9887	0.0001
2023-11-12T12:57:58	1	0	1	1	0	1.0294	1.0294	0.0000	0.9832	0.9832	0.0000
2023-11-12T12:58:16	1	0	2	2	0	1.0234	1.0229	-0.0005	0.995	0.9949	0.0001
2023-11-12T12:58:51	1	0	3	3	0	1.0490	1.0489	-0.0001	-0.9986	-0.9986	0.0000
2023-11-12T13:01:23	1	0	7	7	0	1.0301	1.0301	0.0000	0.9973	0.9972	0.0001
2023-11-12T13:01:33	1	0	337	337	0	1.0604	1.0604	0.0000	0.9932	0.9932	0.0000
2023-11-12T13:02:48	2	0	3	3	0	1.0478	1.0473	-0.0005	0.953	0.9529	0.0001
2023-11-12T13:08:04	2	0	130	129	1	1.0558	1.0558	0.0000	-0.9472	-0.9469	-0.0003
2023-11-12T13:16:34	1	0	346	346	0	1.0608	1.0608	0.0000	0.9925	0.9925	0.0000
2023-11-12T13:18:01	1	0	1	0	1	1.0557	null	null	0.9739	0.9738	0.0001
2023-11-12T13:35:17	1	0	18	17	1	1.0478	1.0473	-0.0005	0.9946	0.9946	0.0000
2023-11-12T13:37:16	1	0	29	28	1	1.0522	1.0519	-0.0002	-0.9606	-0.9605	-0.0001
2023-11-12T13:37:28	3	0	27	26	1	1.0504	1.0502	-0.0002	-0.995	-0.995	0.0000
2023-11-12T13:42:30	1	0	85	85	0	1.0701	1.0693	-0.0008	0.9956	0.9955	0.0001
2023-11-12T13:52:22	1	0	27	26	1	1.0510	1.0507	-0.0002	-0.9589	-0.9588	-0.0001
2023-11-12T13:55:07	2	0	2	2	0	1.0324	1.0321	-0.0003	1	1	0.0000
2023-11-12T13:58:20	1	0	1	1	0	1.0270	1.0270	0.0000	0.9948	0.9949	-0.0001
2023-11-12T14:02:55	1	0	2	2	0	1.0493	1.0489	-0.0004	0.9497	0.95	-0.0003
2023-11-12T14:03:45	8	0	5	6	-1	1.0340	1.0363	0.0024	-0.9695	-0.9689	-0.0006
2023-11-12T14:04:48	2	0	3	4	-1	1.0559	1.0559	-0.0001	-0.9959	-0.9955	-0.0004
2023-11-12T14:10:39	2	0	1	1	0	1.0335	1.0280	-0.0055	-0.9759	-0.9766	0.0007
2023-11-12T14:12:32	1	0	84	84	0	1.1023	1.1018	-0.0005	0.995	0.9949	0.0001
2023-11-12T14:15:24	2	0	2	2	0	1.0305	1.0303	-0.0002	-0.9739	-0.9742	0.0003
2023-11-12T14:15:42	4	0	28	10	18	1.0531	1.0477	-0.0054	0.9743	0.9518	0.0225
2023-11-12T14:16:02	3	0	7	7	0	1.0339	1.0339	0.0000	-0.9998	-0.9998	0.0000
2023-11-12T14:16:36	1	0	4	4	0	1.0553	1.0553	0.0000	-0.9941	-0.9941	0.0000
2023-11-12T14:16:36	3	0	1	0	1	1.0304	null	null	0.9975	0.997	0.0005
2023-11-12T14:16:38	1	0	283	283	0	1.0600	1.0600	0.0000	0.9936	0.9936	0.0000
2023-11-12T14:18:32	2	0	2	3	-1	0.9953	1.0154	0.0200	0.9837	0.9837	0.0000
2023-11-12T14:18:46	4	0	3	3	0	1.0382	1.0379	-0.0002	-0.9638	-0.9638	0.0000
2023-11-12T14:19:49	2	0	4	4	0	1.0567	1.0566	-0.0001	-0.9956	-0.9957	0.0001
2023-11-12T14:19:57	2	0	3	3	0	1.0359	1.0336	-0.0022	1	0.9998	0.0002
2023-11-12T14:25:40	2	0	1	1	0	1.0239	1.0226	-0.0013	-0.9769	-0.9768	-0.0001
2023-11-12T14:25:50	1	0	2	2	0	1.0271	1.0270	-0.0002	0.9928	0.9929	-0.0001
2023-11-12T14:26:51	2	0	69	68	1	1.0516	1.0516	-0.0001	-0.9878	-0.9877	-0.0001
2023-11-12T14:27:22	4	0	1	1	0	0.9968	0.9971	0.0003	-0.9751	-0.9749	-0.0002
2023-11-12T14:28:04	1	0	2	2	0	1.0193	1.0192	-0.0002	0.9853	0.9852	0.0001
2023-11-12T14:28:38	2	0	3	3	0	1.0309	1.0308	-0.0001	0.968	0.9679	0.0001
2023-11-12T14:30:25	2	0	2	2	0	1.0321	1.0320	-0.0001	-0.9762	-0.9763	0.0001
2023-11-12T14:30:43	3	0	3	3	0	1.0251	1.0250	0.0000	0.9542	0.9253	0.0289
2023-11-12T14:31:03	2	0	7	7	0	1.0363	1.0362	-0.0001	-0.9998	-0.9998	0.0000

2023-11-12T14:31:37	1	0	2	2	0	1.0086	1.0087	0.0001	-0.9965	-0.9964	-0.0001
2023-11-12T14:31:39	1	0	274	274	0	1.0596	1.0596	0.0000	0.9943	0.9943	0.0000
2023-11-12T14:31:45	1	0	3	3	0	1.0465	1.0464	-0.0001	-0.9503	-0.9503	0.0000
2023-11-12T14:33:33	2	0	1	2	-1	0.9316	0.9934	0.0618	0.9836	0.9837	-0.0001
2023-11-12T14:34:50	2	0	3	3	0	1.0556	1.0555	-0.0001	-0.9936	-0.9938	0.0002
2023-11-12T14:35:00	1	0	114	113	1	1.0565	1.0565	0.0000	0.9988	0.9988	0.0000
2023-11-12T14:38:31	1	0	4	4	0	1.0333	1.0332	-0.0001	0.9999	0.9999	0.0000
2023-11-12T14:39:59	1	0	121	120	1	0.9358	0.9359	0.0001	0.9919	0.9918	0.0001
2023-11-12T14:40:51	1	0	3	3	0	1.0217	1.0217	0.0000	0.9924	0.9926	-0.0002
2023-11-12T14:42:23	4	0	1	1	0	0.9961	0.9962	0.0001	-0.9763	-0.9762	-0.0001
2023-11-12T14:42:34	4	0	85	85	0	1.0930	1.0924	-0.0005	0.9953	0.9948	0.0005
2023-11-12T14:42:54	1	0	7	7	0	1.0500	1.0500	0.0000	0.9862	0.9862	0.0000
2023-11-12T14:43:00	2	0	15	15	0	1.0417	1.0416	-0.0001	0.9986	0.9985	0.0001
2023-11-12T14:43:45	1	0	2	2	0	1.0323	1.0323	-0.0001	0.9774	0.9673	0.0101
2023-11-12T14:44:28	1	0	17	17	0	1.0469	1.0468	0.0000	-0.9814	-0.9815	0.0001
2023-11-12T14:45:26	2	0	2	2	0	1.0293	1.0293	0.0000	-0.9742	-0.9741	-0.0001
2023-11-12T14:45:44	1	0	7	7	0	1.0561	1.0561	0.0000	0.9782	0.978	0.0002
2023-11-12T14:46:12	3	0	10	10	0	1.0353	1.0351	-0.0002	-0.9998	-0.9998	0.0000
2023-11-12T14:46:22	2	0	7	7	0	1.0402	1.0396	-0.0006	0.9973	0.9971	0.0002
2023-11-12T14:46:30	1	0	14	14	0	1.0461	1.0460	0.0000	0.9981	0.9981	0.0000
2023-11-12T14:50:27	4	0	10	9	1	1.0470	1.0468	-0.0002	-0.9948	-0.9948	0.0000
2023-11-12T14:51:31	1	0	4	4	0	1.0356	1.0357	0.0001	-0.9906	-0.9905	-0.0001
2023-11-12T14:52:02	1	0	13	13	0	0.9316	0.9318	0.0002	-0.9971	-0.9968	-0.0003
2023-11-12T14:58:59	1	0	1	1	0	1.0332	1.0331	-0.0001	-0.9979	-0.9979	0.0000
2023-11-12T15:00:52	1	0	20	20	0	1.0512	1.0512	-0.0001	-0.9992	-0.9992	0.0000
2023-11-12T15:03:49	5	0	4	4	0	1.0300	1.0298	-0.0003	-0.9691	-0.9692	0.0001
2023-11-12T15:05:08	1	0	5	5	0	1.0515	1.0511	-0.0004	-0.8553	-0.8561	0.0008
2023-11-12T15:06:45	1	0	1	1	0	0.9435	0.9438	0.0003	0.853	0.8535	-0.0005
2023-11-12T15:06:56	2	0	5	6	-1	1.0250	1.0300	0.0050	1	1	0.0000
2023-11-12T15:13:54	1	0	3	3	0	1.0341	1.0341	0.0000	0.9725	0.9725	0.0000
2023-11-12T15:29:27	1	0	9	9	0	1.0475	1.0475	0.0000	-0.9999	-0.9998	-0.0001
2023-11-12T15:30:47	2	0	61	61	0	1.0618	1.0618	0.0000	0.9915	0.9913	0.0002
2023-11-12T15:43:57	1	0	101	96	5	0.9366	0.9375	0.0009	0.9988	0.999	-0.0002
2023-11-12T15:45:26	2	0	7	7	0	1.0240	1.0238	-0.0001	0.9998	0.9998	0.0000
2023-11-12T15:50:10	1	0	3	3	0	0.9663	0.9661	-0.0001	0.9953	0.995	0.0003
2023-11-12T15:55:07	1	0	132	123	9	0.9417	0.9425	0.0009	-0.9968	-0.9967	-0.0001
2023-11-12T15:57:07	5	0	25	23	2	0.9400	0.9470	0.0070	0.9884	0.9885	-0.0001
2023-11-12T15:57:16	3	0	1	1	0	1.0320	1.0316	-0.0004	-0.9711	-0.9711	0.0000
2023-11-12T15:58:33	1	0	5	5	0	1.0353	1.0352	-0.0001	0.9998	0.9998	0.0000
2023-11-12T15:58:40	1	0	2	2	0	1.0464	1.0462	-0.0003	-0.8789	-0.8793	0.0004
2023-11-12T16:10:08	1	0	266	265	1	0.9246	0.9248	0.0002	-0.9994	-0.9994	0.0000
2023-11-12T16:11:55	2	0	5	6	-1	0.9887	0.9817	-0.0070	0.9942	0.9943	-0.0001
2023-11-12T16:26:56	1	0	20	20	0	0.9561	0.9565	0.0004	0.9932	0.9933	-0.0001
2023-11-12T16:31:26	1	0	1	1	0	0.9572	0.9576	0.0004	0.9718	0.9718	0.0000
2023-11-12T16:33:16	1	0	3	3	0	0.9686	0.9689	0.0003	0.9989	0.9997	-0.0008
2023-11-12T16:43:41	1	0	312	312	0	0.8159	0.8159	0.0000	0.8787	0.8787	0.0000
2023-11-12T16:58:55	1	0	49	48	1	0.9410	0.9415	0.0005	0.9882	0.9881	0.0001
2023-11-12T17:08:27	1	0	44	45	-1	0.9457	0.9455	-0.0002	0.9825	0.9829	-0.0004
2023-11-13T07:57:09	2	0	589	589	0	0.8528	0.8529	0.0001	0.8729	0.8728	0.0001
2023-11-13T07:57:28	2	0	60	60	0	0.9402	0.9404	0.0002	-0.9677	-0.9665	-0.0012
2023-11-13T07:59:05	2	0	289	289	0	0.8888	0.8891	0.0003	0.9463	0.9462	0.0001
2023-11-13T08:02:48	1	0	102	97	5	0.9281	0.9291	0.0010	-0.9875	-0.9868	-0.0007
2023-11-13T08:05:05	2	0	19	19	0	0.9522	0.9522	0.0000	0.9729	0.9721	0.0008
2023-11-13T08:07:49	3	0	105	103	2	0.9364	0.9365	0.0001	0.9885	0.9885	0.0000
2023-11-13T08:10:39	1	0	78	78	0	0.9351	0.9352	0.0001	0.9668	0.9662	0.0006
2023-11-13T08:12:29	1	0	76	76	0	0.9400	0.9400	0.0001	-0.9967	-0.9966	-0.0001
2023-11-13T08:16:50	2	0	15	14	1	0.9439	0.9440	0.0001	0.9947	0.9936	0.0011
2023-11-13T08:21:20	2	0	49	48	1	1.0541	1.0540	-0.0001	-0.9658	-0.9654	-0.0004
2023-11-13T08:21:31	1	0	9	9	0	1.0493	1.0492	-0.0001	0.9977	0.9977	0.0000
2023-11-13T08:27:30	1	0	81	81	0	0.9396	0.9396	0.0000	-0.9941	-0.9937	-0.0004
2023-11-13T08:29:47	1	0	19	14	5	0.9540	0.9555	0.0015	0.9686	0.9687	-0.0001
2023-11-13T08:38:49	1	0	96	95	1	1.0533	1.0533	0.0000	0.9907	0.9908	-0.0001
2023-11-13T08:42:29	1	0	64	62	2	1.0566	1.0566	0.0000	0.9901	0.9901	0.0000
2023-11-13T08:43:39	1	0	5	5	0	0.9548	0.9549	0.0001	-0.9952	-0.9951	-0.0001
2023-11-13T08:50:52	2	0	2	2	0	1.0303	1.0298	-0.0005	-0.9971	-0.9972	0.0001
2023-11-13T08:52:34	2	0	104	106	-2	0.9304	0.9307	0.0002	0.9878	0.9878	0.0000
2023-11-13T08:53:50	1	0	111	111	0	1.0551	1.0551	0.0000	0.9908	0.9908	0.0000
2023-11-13T08:57:32	1	0	119	119	0	0.9365	0.9365	0.0000	-0.9937	-0.9931	-0.0006
2023-11-13T08:59:03	1	0	12	11	1	0.9437	0.9439	0.0002	-0.9997	-0.9996	-0.0001
2023-11-13T09:04:38	1	0	2	2	0	1.0336	1.0336	0.0000	-0.9988	-0.9988	0.0000
2023-11-13T09:06:12	2	0	10	10	0	0.9463	0.9467	0.0004	0.9999	0.9999	0.0000
2023-11-13T09:06:23	2	0	100	99	1	1.0571	1.0570	-0.0002	-0.9507	-0.9513	0.0006
2023-11-13T09:06:34	1	0	17	16	1	1.0507	1.0503	-0.0004	0.9979	0.9978	0.0001
2023-11-13T09:08:51	1	0	151	151	0	1.0572	1.0570	-0.0001	0.9917	0.9918	-0.0001
2023-11-13T09:09:05	1	0	68	66	2	1.0524	1.0523	-0.0001	-0.9837	-0.9837	0.0000
2023-11-13T09:09:20	7	0	238	204	34	1.0524	1.0522	-0.0002	1	1	0.0000
2023-11-13T09:09:31	4	0	110	109	1	1.0541	1.0541	0.0000	0.9793	0.9792	0.0001
2023-11-13T09:10:49	1	0	114	112	2	0.9349	0.9352	0.0002	0.9491	0.9486	0.0005
2023-11-13T09:12:31	1	0	132	130	2	1.0585	1.0584	-0.0001	0.9912	0.9912	0.0000
2023-11-13T09:12:33	1	0	86	86	0	0.9401	0.9406	0.0005	-0.9928	-0.9921	-0.0007
2023-11-13T09:14:03	3	0	97	95	2	1.0566	1.0559	-0.0007	0.9995	0.9995	0.0000
2023-11-13T09:14:10	5	0	201	201	0	0.9113	0.9118	0.0004	0.9497	0.9495	0.0002
2023-11-13T09:14:50	1	0	74	72	2	0.9537	0.9543	0.0006	0.9719	0.9718	0.0001
2023-11-13T09:20:54	3	0	2	2	0	1.0321	1.0311	-0.0010	-0.9954	-0.9956	0.0002
2023-11-13T09:21:35	3	0	21	21	0	1.0535	1.0535	0.0000	0.9983	0.9983	0.0000

2023-11-13T09:21:59	1	0	1	1	0	0.9431	0.9436	0.0005	0.9805	0.9805	0.0000
2023-11-13T09:24:51	1	0	23	23	0	1.0492	1.0482	-0.0010	1	1	0.0000
2023-11-13T09:25:50	4	0	15	16	-1	0.9426	0.9429	0.0003	0.9548	0.9548	0.0000
2023-11-13T09:27:15	5	0	298	294	4	0.8811	0.8814	0.0003	0.8774	0.8777	-0.0003
2023-11-13T09:27:32	1	0	17	17	0	1.0487	1.0485	-0.0001	0.9582	0.9581	0.0001
2023-11-13T09:31:35	2	0	5	5	0	1.0480	1.0477	-0.0002	0.9957	0.9954	0.0003
2023-11-13T09:31:55	1	0	1	1	0	1.0159	1.0158	-0.0001	0.9978	0.9978	0.0000
2023-11-13T09:32:54	1	0	91	91	0	0.9358	0.9359	0.0001	-0.9935	-0.9929	-0.0006
2023-11-13T09:35:26	1	0	42	41	1	1.0549	1.0548	0.0000	0.9713	0.9713	0.0000
2023-11-13T09:37:39	2	0	2	2	0	0.9433	0.9435	0.0002	0.9886	0.9885	0.0001
2023-11-13T09:37:58	3	0	3	3	0	0.9409	0.9411	0.0002	0.9904	0.9903	0.0001
2023-11-13T09:39:52	4	0	34	32	2	1.0531	1.0526	-0.0005	-1	1	0.0000
2023-11-13T09:40:38	2	0	102	92	10	0.9418	0.9423	0.0005	0.9992	0.9992	0.0000
2023-11-13T09:40:55	1	0	7	6	1	0.9430	0.9430	0.0000	-0.9991	-0.9991	0.0000
2023-11-13T09:42:27	1	0	29	29	0	0.9471	0.9471	0.0000	0.9859	0.9859	0.0000
2023-11-13T09:43:44	1	0	4	4	0	0.9875	0.9873	-0.0002	0.9994	0.9994	0.0000
2023-11-13T09:45:21	3	0	213	211	2	1.0593	1.0592	-0.0001	-0.9841	-0.9841	0.0000
2023-11-13T09:46:16	1	0	5	5	0	1.0337	1.0336	-0.0001	0.9992	0.9992	0.0000
2023-11-13T09:47:11	1	0	53	53	0	0.9438	0.9438	0.0000	0.9948	0.9948	0.0000
2023-11-13T09:47:55	2	0	55	55	0	0.9395	0.9398	0.0003	-0.992	-0.9911	-0.0009
2023-11-13T09:50:52	1	0	7	7	0	1.0357	1.0356	-0.0001	0.9713	0.9712	0.0001
2023-11-13T09:51:15	1	0	1	0	1	1.0553	null	null	-0.9979	-0.9978	-0.0001
2023-11-13T09:52:59	4	0	3	3	0	1.0293	1.0285	-0.0008	0.9128	0.9395	-0.0267
2023-11-13T09:52:59	1	0	3	3	0	0.9415	0.9416	0.0001	0.9894	0.9892	0.0002
2023-11-13T09:53:57	3	0	1	1	0	1.0345	1.0338	-0.0007	0.9968	0.9964	0.0004
2023-11-13T09:54:16	3	0	22	22	0	1.0206	1.0205	-0.0001	0.9991	0.9991	0.0000
2023-11-13T09:54:23	1	0	65	65	0	1.0472	1.0472	-0.0001	0.9992	0.9992	0.0000
2023-11-13T09:54:53	1	0	8	8	0	1.0373	1.0372	-0.0001	-0.9999	-0.9999	0.0000
2023-11-13T09:55:24	2	0	1	1	0	0.9440	0.9445	0.0005	0.9914	0.9914	0.0000
2023-11-13T09:55:39	2	0	184	181	3	0.9223	0.9225	0.0003	0.9973	0.9973	0.0000
2023-11-13T09:55:56	1	0	7	6	1	0.9429	0.9429	0.0000	1	1	0.0000
2023-11-13T09:57:12	2	0	3	3	0	1.0281	1.0280	-0.0002	0.9993	0.9993	0.0000
2023-11-13T09:59:06	1	0	8	8	0	1.0337	1.0337	-0.0001	0.9969	0.9968	0.0001
2023-11-13T09:59:13	1	0	213	213	0	0.9047	0.9047	0.0000	0.9438	0.944	-0.0002
2023-11-13T10:02:02	2	0	5	5	0	1.0363	1.0358	-0.0005	0.9988	0.9987	0.0001
2023-11-13T10:03:06	1	0	61	60	1	0.9398	0.9402	0.0003	0.9941	0.9942	-0.0001
2023-11-13T10:05:13	2	0	11	11	0	1.0001	1.0005	0.0004	0.9753	0.9753	0.0000
2023-11-13T10:06:16	1	0	25	25	0	0.9485	0.9485	0.0000	-0.9991	-0.999	-0.0001
2023-11-13T10:06:38	3	0	8	8	0	1.0479	1.0478	-0.0001	0.9986	0.9986	0.0000
2023-11-13T10:07:00	1	0	15	14	1	1.0473	1.0467	-0.0006	0.986	0.986	0.0000
2023-11-13T10:08:00	2	0	5	5	0	1.0269	1.0269	0.0000	0.9104	0.9393	-0.0289
2023-11-13T10:09:17	1	0	21	21	0	1.0289	1.0288	0.0000	0.9992	0.9992	0.0000
2023-11-13T10:09:20	2	0	12	12	0	1.0443	1.0442	-0.0001	0.9966	0.9965	0.0001
2023-11-13T10:09:24	1	0	99	98	1	1.0488	1.0488	0.0000	0.999	0.999	0.0000
2023-11-13T10:09:54	6	0	26	26	0	1.0491	1.0485	-0.0006	-1	1	0.0000
2023-11-13T10:10:06	2	0	34	33	1	1.0269	1.0258	-0.0011	0.9565	0.9565	0.0000
2023-11-13T10:10:40	1	0	142	140	2	0.9147	0.9148	0.0001	0.9989	0.999	-0.0001
2023-11-13T10:10:53	1	0	11	10	1	0.9534	0.9430	-0.0104	0.9561	0.9555	0.0006
2023-11-13T10:10:57	1	0	6	6	0	1.0433	1.0433	-0.0001	0.997	0.9971	-0.0001
2023-11-13T10:10:57	4	0	2	2	0	1.0403	1.0387	-0.0016	-0.9943	-0.9944	0.0001
2023-11-13T10:11:13	4	0	11	11	0	1.0429	1.0427	-0.0002	0.9956	0.9955	0.0001
2023-11-13T10:14:58	1	0	1	1	0	1.0584	1.0581	-0.0003	0.9874	0.9872	0.0002
2023-11-13T10:15:21	5	0	20	20	0	1.0311	1.0310	-0.0002	0.9972	0.9972	0.0000
2023-11-13T10:15:23	2	0	210	208	2	1.0590	1.0590	0.0000	-0.9791	-0.979	-0.0001
2023-11-13T10:16:59	2	0	6	4	2	1.0549	1.0526	-0.0023	-0.9977	-0.9978	0.0001
2023-11-13T10:17:03	1	0	5	5	0	1.0396	1.0395	-0.0001	0.9981	0.998	0.0001
2023-11-13T10:17:55	1	0	52	52	0	0.9468	0.9468	0.0000	-0.9999	-0.9999	0.0000
2023-11-13T10:17:57	1	0	29	29	0	0.9508	0.9507	0.0000	-0.991	-0.9905	-0.0005
2023-11-13T10:17:58	1	0	1	1	0	1.0139	1.0135	-0.0004	0.9584	0.9575	0.0009
2023-11-13T10:20:50	1	0	18	18	0	1.0427	1.0426	-0.0001	-0.9995	-0.9995	0.0000
2023-11-13T10:22:29	1	0	1	1	0	1.0265	1.0261	-0.0004	0.9981	0.9981	0.0000
2023-11-13T10:22:50	3	0	29	28	1	1.0493	1.0493	0.0000	-1	-1	0.0000
2023-11-13T10:24:25	2	0	83	81	2	1.0476	1.0476	0.0000	0.9987	0.9987	0.0000
2023-11-13T10:25:54	2	0	11	9	2	0.9541	0.9436	-0.0105	0.9561	0.9554	0.0007
2023-11-13T10:25:58	1	0	2	2	0	1.0367	1.0364	-0.0003	-0.9978	-0.9978	0.0000
2023-11-13T10:26:14	3	0	10	10	0	1.0421	1.0418	-0.0003	0.9953	0.9953	0.0000
2023-11-13T10:27:01	4	0	18	17	1	1.0498	1.0494	-0.0003	0.9999	0.9999	0.0000
2023-11-13T10:27:23	5	0	1	1	0	0.9427	0.9439	0.0012	0.9979	0.9981	-0.0002
2023-11-13T10:27:28	5	0	454	451	3	0.8742	0.8766	0.0024	0.8712	0.8719	-0.0007
2023-11-13T10:28:00	1	0	1	0	1	1.0376	null	null	-0.9999	-0.9999	0.0000
2023-11-13T10:32:22	2	0	3	3	0	0.9138	0.9139	0.0001	0.9733	0.9734	-0.0001
2023-11-13T10:32:54	1	0	1	0	1	0.9448	null	null	-0.9987	-0.9987	0.0000
2023-11-13T10:32:58	1	0	45	44	1	0.9445	0.9447	0.0002	-0.9925	-0.9919	-0.0006
2023-11-13T10:35:15	2	0	15	15	0	0.9817	0.9818	0.0001	0.9629	0.963	-0.0001
2023-11-13T10:35:30	1	0	137	136	1	1.0576	1.0576	0.0000	0.9864	0.9864	0.0000
2023-11-13T10:35:50	6	0	12	12	0	1.0387	1.0386	-0.0002	-0.9996	-0.9997	0.0001
2023-11-13T10:35:55	1	0	7	7	0	1.0410	1.0409	-0.0001	0.9687	0.9633	0.0054
2023-11-13T10:36:34	2	0	10	10	0	1.0380	1.0379	-0.0001	0.9974	0.9973	0.0001
2023-11-13T10:36:41	4	0	7	7	0	1.0494	1.0492	-0.0002	0.9986	0.9986	0.0000
2023-11-13T10:37:02	1	0	19	18	1	1.0486	1.0481	-0.0005	0.9856	0.9855	0.0001
2023-11-13T10:37:30	2	0	2	1	1	1.0416	1.0263	-0.0153	0.998	0.998	0.0000
2023-11-13T10:40:43	1	0	111	110	1	0.9158	0.9160	0.0002	-0.9999	-0.9999	0.0000
2023-11-13T10:40:55	1	0	40	31	9	0.9393	0.9397	0.0004	0.9475	0.9463	0.0012
2023-11-13T10:41:02	1	0	1	1	0	1.0132	1.0129	-0.0003	0.9937	0.9937	0.0000
2023-11-13T10:41:15	1	0	14	14	0	1.0446	1.0445	0.0000	0.996	0.996	0.0000

2023-11-13T10:41:28	2	0	38	37	1	1.0490	1.0488	-0.0002	0.9878	0.9878	0.0000
2023-11-13T10:42:02	4	0	34	30	4	1.0524	1.0515	-0.0009	-0.9997	-0.9997	0.0000
2023-11-13T10:42:31	3	0	27	27	0	0.9448	0.9452	0.0004	0.9846	0.9849	-0.0003
2023-11-13T10:42:48	1	0	184	184	0	0.9314	0.9316	0.0002	0.9996	0.9996	0.0000
2023-11-13T10:43:48	1	0	3	3	0	1.0072	1.0074	0.0002	-1	-1	0.0000
2023-11-13T10:45:25	1	0	182	180	2	1.0583	1.0583	0.0000	-0.9801	-0.98	-0.0001
2023-11-13T10:47:33	2	0	46	42	4	1.0545	1.0543	-0.0002	-0.9969	-0.997	0.0001
2023-11-13T10:48:58	1	0	41	40	1	1.0615	1.0619	0.0005	0.9978	0.9977	0.0001
2023-11-13T10:48:59	1	0	2	2	0	1.0302	1.0299	-0.0003	0.9819	0.9819	0.0000
2023-11-13T10:50:31	1	0	143	142	1	1.0580	1.0580	0.0000	0.9895	0.9895	0.0000
2023-11-13T10:50:56	1	0	7	7	0	1.0441	1.0441	0.0000	0.9739	0.9738	0.0001
2023-11-13T10:51:44	1	0	1	1	0	1.0551	1.0550	-0.0001	0.9984	0.9982	0.0002
2023-11-13T10:52:44	8	0	281	269	12	0.9050	0.9057	0.0007	0.9251	0.9261	-0.0010
2023-11-13T10:53:37	1	0	4	4	0	1.0345	1.0342	-0.0003	-0.9735	-0.9733	-0.0002
2023-11-13T10:53:39	2	0	6	6	0	1.0383	1.0377	-0.0006	0.992	0.9915	0.0005
2023-11-13T10:54:27	3	0	38	35	3	1.0514	1.0511	-0.0002	-0.9996	-0.9996	0.0000
2023-11-13T10:54:36	1	0	3	3	0	1.0284	1.0283	-0.0001	0.9905	0.9904	0.0001
2023-11-13T10:54:54	1	0	1	1	0	1.0067	1.0057	-0.0010	0.9959	0.9957	0.0002
2023-11-13T10:56:14	2	0	4	4	0	0.9581	0.9584	0.0003	-0.9965	-0.9965	0.0000
2023-11-13T10:57:23	2	0	2	2	0	1.0331	1.0325	-0.0006	-0.9664	-0.9673	0.0009
2023-11-13T10:57:40	1	0	71	69	2	0.9423	0.9424	0.0001	-0.9919	-0.991	-0.0009
2023-11-13T10:59:16	1	0	10	10	0	1.0332	1.0330	-0.0002	0.9972	0.9972	0.0000
2023-11-13T10:59:57	1	0	3	3	0	0.9899	0.9898	-0.0001	0.9722	0.9718	0.0004
2023-11-13T11:00:26	1	0	114	113	1	1.0549	1.0548	0.0000	-0.9593	-0.959	-0.0003
2023-11-13T11:00:48	1	0	6	6	0	1.0290	1.0289	-0.0001	0.9982	0.9982	0.0000
2023-11-13T11:03:00	3	0	20	18	2	0.9513	0.9522	0.0009	-0.9868	-0.9861	-0.0007
2023-11-13T11:04:00	1	0	2	2	0	1.0745	1.0740	-0.0006	-0.9964	-0.9964	0.0000
2023-11-13T11:04:54	1	0	83	83	0	1.1166	1.1148	-0.0018	-0.9988	-0.9989	0.0001
2023-11-13T11:05:32	1	0	162	157	5	1.0584	1.0584	0.0000	0.9919	0.9917	0.0002
2023-11-13T11:06:01	2	0	14	13	1	1.0446	1.0435	-0.0011	-0.9935	-0.9937	0.0002
2023-11-13T11:06:54	1	0	2	2	0	1.0457	1.0449	-0.0009	0.9834	0.9833	0.0001
2023-11-13T11:09:28	1	0	39	38	1	1.0506	1.0505	-0.0001	-0.9997	-0.9997	0.0000
2023-11-13T11:09:29	4	0	20	20	0	1.0223	1.0221	-0.0002	0.9995	0.9995	0.0000
2023-11-13T11:09:45	1	0	2	2	0	1.0585	1.0579	-0.0006	0.9916	0.9914	0.0002
2023-11-13T11:10:10	1	0	15	15	0	1.0125	1.0126	0.0000	0.9616	0.9615	0.0001
2023-11-13T11:12:04	4	0	25	25	0	1.0500	1.0500	-0.0001	-0.9996	-0.9997	0.0001
2023-11-13T11:12:39	1	0	23	23	0	1.0520	1.0519	-0.0001	0.955	0.9547	0.0003
2023-11-13T11:12:50	3	0	284	279	5	0.9895	0.9897	0.0002	-1	-1	0.0000
2023-11-13T11:21:02	1	0	18	14	4	1.0463	1.0461	-0.0002	-0.9927	-0.9927	0.0000
2023-11-13T11:24:25	2	0	3	3	0	1.0399	1.0399	0.0000	-0.9997	-0.9993	-0.0004
2023-11-13T11:26:18	1	0	23	23	0	1.0484	1.0484	-0.0001	0.9965	0.9965	0.0000
2023-11-13T11:27:18	2	0	4	4	0	1.0302	1.0301	0.0000	0.9992	0.9993	-0.0001
2023-11-13T11:30:28	4	0	195	193	2	1.0585	1.0585	0.0000	-0.959	-0.9588	-0.0002
2023-11-13T11:32:18	1	0	79	79	0	0.9402	0.9402	0.0000	0.9907	0.9906	0.0001
2023-11-13T11:32:26	2	0	19	17	2	0.9157	0.9170	0.0013	0.9744	0.9747	-0.0003
2023-11-13T11:33:00	1	0	6	6	0	0.9537	0.9537	0.0000	-0.9998	-0.9998	0.0000
2023-11-13T11:34:01	1	0	4	4	0	1.0563	1.0563	0.0000	0.9965	0.9965	0.0000
2023-11-13T11:34:49	1	0	2	2	0	1.0304	1.0304	0.0000	-0.9957	-0.9957	0.0000
2023-11-13T11:34:56	1	0	3	3	0	0.9739	0.9740	0.0001	-0.9998	1	0.0002
2023-11-13T11:35:54	8	0	3	3	0	1.0354	1.0354	0.0000	-0.9992	-0.9991	-0.0001
2023-11-13T11:37:30	1	0	36	35	1	1.0490	1.0488	-0.0002	0.9947	0.9947	0.0000
2023-11-13T11:39:02	2	0	1	0	1	1.0553	null	null	-0.9844	-0.9844	0.0000
2023-11-13T11:39:05	1	0	266	266	0	1.0583	1.0583	0.0000	0.9927	0.9928	-0.0001
2023-11-13T11:41:17	2	0	1	1	0	1.0377	1.0377	0.0000	-0.9892	-0.9892	0.0000
2023-11-13T11:42:49	9	0	4	1	3	1.0374	1.0046	-0.0328	0.9383	0.936	0.0023
2023-11-13T11:44:00	2	0	18	18	0	1.0512	1.0512	-0.0001	0.9999	0.9999	0.0000
2023-11-13T11:44:15	1	0	1	2	-1	0.9315	0.9379	0.0064	-0.9992	-0.9992	0.0000
2023-11-13T11:47:09	5	0	11	11	0	1.0198	1.0197	-0.0001	0.9961	0.9961	0.0000
2023-11-13T11:47:19	1	0	65	65	0	0.9435	0.9435	0.0000	0.9928	0.9927	0.0001
2023-11-13T11:48:01	1	0	3	3	0	0.9719	0.9720	0.0000	-0.9989	-0.9989	0.0000
2023-11-13T11:48:10	1	0	3	4	-1	1.0293	1.0276	-0.0017	0.9698	0.9661	0.0037
2023-11-13T11:50:55	7	0	5	5	0	1.0372	1.0372	0.0000	-0.9996	-0.9995	-0.0001
2023-11-13T11:52:08	2	0	22	21	1	1.0496	1.0491	-0.0005	0.9857	0.9856	0.0001
2023-11-13T11:52:31	1	0	34	32	2	1.0501	1.0498	-0.0003	0.9947	0.9947	0.0000
2023-11-13T11:54:06	1	0	392	392	0	1.0602	1.0602	0.0000	0.9927	0.9928	-0.0001
2023-11-13T11:54:28	2	0	3	3	0	1.0397	1.0397	0.0000	-0.9999	-0.9999	0.0000
2023-11-13T11:56:18	2	0	1	1	0	1.0407	1.0407	0.0000	-0.9868	-0.9868	0.0000
2023-11-13T11:58:06	1	0	1	1	0	1.0342	1.0342	0.0000	-0.9992	-0.9991	-0.0001
2023-11-13T11:59:16	1	0	1	3	-2	0.9313	0.9401	0.0088	-0.9995	-0.9995	0.0000
2023-11-13T11:59:34	2	0	27	24	3	1.0518	1.0511	-0.0006	-0.9871	-0.9871	0.0000
2023-11-13T12:03:02	1	0	2	2	0	0.9874	0.9874	0.0000	-0.9993	-0.9993	0.0000
2023-11-13T12:03:06	2	0	4	3	1	1.0550	1.0538	-0.0012	-0.983	-0.983	0.0000
2023-11-13T12:03:16	2	0	802	802	0	0.8135	0.8138	0.0003	0.8844	0.8839	0.0005
2023-11-13T12:04:51	6	0	2	2	0	1.0245	1.0240	-0.0005	-0.9966	-0.9966	0.0000
2023-11-13T12:05:56	7	0	6	7	-1	1.0328	1.0312	-0.0016	-0.9988	-0.9988	0.0000
2023-11-13T12:09:07	1	0	374	374	0	1.0602	1.0602	0.0000	0.9924	0.9925	-0.0001
2023-11-13T12:09:29	2	0	3	3	0	1.0416	1.0416	0.0000	-0.9994	-0.9993	-0.0001
2023-11-13T12:11:19	2	0	1	1	0	1.0393	1.0393	0.0000	-0.9948	-0.9948	0.0000
2023-11-13T12:14:02	2	0	16	16	0	1.0513	1.0513	0.0000	0.9996	0.9996	0.0000
2023-11-13T12:15:47	12	0	273	272	1	1.0619	1.0616	-0.0003	-0.9558	-0.9558	0.0000
2023-11-13T12:17:21	1	0	94	94	0	0.9413	0.9413	0.0000	0.9913	0.9913	0.0000
2023-11-13T12:22:33	1	0	43	40	3	1.0494	1.0488	-0.0006	0.9956	0.9956	0.0000
2023-11-13T12:25:26	2	0	1	0	1	1.0557	null	null	0.9693	0.9692	0.0001
2023-11-13T12:27:22	2	0	1	1	0	1.0306	1.0305	-0.0001	0.9993	0.9983	0.0010
2023-11-13T12:29:18	1	0	1	1	0	0.9347	0.9353	0.0006	-0.9999	-0.9999	0.0000

2023-11-13T12:32:30	5	0	5	5	0	1.0437	1.0437	0.0000	0.9968	0.9976	-0.0008
2023-11-13T12:33:22	1	0	2	2	0	1.0221	1.0221	0.0000	0.9719	0.9677	0.0042
2023-11-13T12:49:54	6	0	1	1	0	1.0233	1.0233	0.0000	-0.9972	-0.9972	0.0000
2023-11-13T12:57:24	2	0	3	3	0	1.0421	1.0417	-0.0004	0.9991	0.9991	0.0000
2023-11-13T13:04:15	1	0	11	11	0	1.0529	1.0528	-0.0001	0.9895	0.9895	0.0000
2023-11-13T13:07:13	2	0	18	18	0	1.0471	1.0471	0.0000	0.985	0.985	0.0000
2023-11-13T13:09:49	2	0	5	3	2	1.0079	1.0286	0.0207	0.9918	0.9918	0.0000
2023-11-13T13:12:30	2	0	1	1	0	1.0215	1.0215	0.0000	0.9983	0.9984	-0.0001
2023-11-13T13:30:52	3	0	296	294	2	1.0607	1.0607	0.0000	-0.9443	-0.9442	-0.0001
2023-11-13T13:35:47	1	0	5	5	0	1.0287	1.0286	-0.0001	0.9965	0.9965	0.0000
2023-11-13T13:37:15	1	0	17	17	0	1.0482	1.0481	-0.0001	0.9847	0.9847	0.0000
2023-11-13T13:45:53	3	0	360	358	2	1.0629	1.0628	0.0000	-0.9377	-0.9377	0.0000
2023-11-13T13:47:35	2	0	4	4	0	0.9415	0.9410	-0.0005	0.989	0.9888	0.0002
2023-11-13T13:47:35	3	0	5	5	0	1.0408	1.0406	-0.0001	0.9989	0.9989	0.0000
2023-11-13T13:54:11	2	0	1	1	0	1.0560	1.0556	-0.0004	-0.9755	-0.9755	0.0000
2023-11-13T14:02:36	2	0	3	3	0	0.8027	0.8028	0.0002	0.9807	0.9815	-0.0008
2023-11-13T14:04:12	1	0	2	2	0	1.0737	1.0736	-0.0001	0.9996	0.9996	0.0000
2023-11-13T14:04:59	5	0	2	2	0	1.0228	1.0222	-0.0006	-0.9955	-0.9956	0.0001
2023-11-13T14:05:49	1	0	8	8	0	1.0284	1.0283	-0.0001	0.9963	0.9971	-0.0008
2023-11-13T14:06:43	2	0	7	10	-3	1.0504	1.0524	0.0020	-0.9083	-0.9068	-0.0015
2023-11-13T14:08:01	2	0	1	1	0	1.0361	1.0361	0.0000	0.998	0.9979	0.0001
2023-11-13T14:09:14	3	0	1	1	0	1.0550	1.0550	0.0000	0.9941	0.9945	-0.0004
2023-11-13T14:09:15	1	0	321	319	2	1.0595	1.0595	0.0000	0.9926	0.9927	-0.0001
2023-11-13T14:09:53	1	0	7	7	0	1.0221	1.0220	0.0000	0.9898	0.9898	0.0000
2023-11-13T14:11:07	8	0	7	7	0	1.0477	1.0460	-0.0017	-0.993	-0.9929	-0.0001
2023-11-13T14:12:56	1	0	1	1	0	1.0223	1.0222	-0.0001	-0.9873	-0.9874	0.0001
2023-11-13T14:13:15	1	0	1	1	0	1.0379	1.0372	-0.0007	-0.9988	-0.9988	0.0000
2023-11-13T14:15:14	1	0	3	4	-1	1.0643	1.0595	-0.0048	0.9905	0.9906	-0.0001
2023-11-13T14:15:55	3	0	175	173	2	1.0585	1.0584	0.0000	-0.9679	-0.9678	-0.0001
2023-11-13T14:17:26	1	0	5	5	0	1.0276	1.0276	-0.0001	-1	-1	0.0000
2023-11-13T14:17:37	3	0	4	4	0	1.0375	1.0371	-0.0004	0.9974	0.9975	-0.0001
2023-11-13T14:18:34	2	0	6	6	0	1.0277	1.0275	-0.0002	0.9718	0.9715	0.0003
2023-11-13T14:19:12	1	0	21	19	2	1.0522	1.0523	0.0001	0.9977	0.9976	0.0001
2023-11-13T14:19:13	1	0	1	1	0	1.0564	1.0559	-0.0005	0.988	0.988	0.0000
2023-11-13T14:19:47	4	0	1	1	0	0.9929	0.9940	0.0011	-0.9733	-0.9729	-0.0004
2023-11-13T14:20:30	3	0	9	9	0	1.0031	1.0031	0.0000	0.979	0.9789	0.0001
2023-11-13T14:20:50	1	0	4	4	0	1.0302	1.0302	0.0000	0.9967	0.9974	-0.0007
2023-11-13T14:22:45	1	0	1	1	0	1.0609	1.0609	0.0000	0.9867	0.9867	0.0000
2023-11-13T14:23:17	3	0	41	37	4	1.0579	1.0575	-0.0005	0.9442	0.9437	0.0005
2023-11-13T14:24:16	1	0	366	366	0	1.0592	1.0592	0.0000	0.9935	0.9936	-0.0001
2023-11-13T14:24:22	1	0	1	1	0	1.0560	1.0555	-0.0005	0.9996	0.9996	0.0000
2023-11-13T14:24:54	5	0	8	8	0	1.0250	1.0248	-0.0002	0.9898	0.9897	0.0001
2023-11-13T14:25:23	1	0	4	5	-1	1.0393	1.0405	0.0012	0.9731	0.9731	0.0000
2023-11-13T14:26:08	2	0	6	6	0	1.0457	1.0456	-0.0001	-0.9948	-0.9948	0.0000
2023-11-13T14:26:30	9	0	54	53	1	1.0531	1.0530	-0.0001	0.9975	0.9975	0.0000
2023-11-13T14:27:35	1	0	3	3	0	1.0506	1.0505	-0.0001	0.9925	0.9923	0.0002
2023-11-13T14:28:06	5	0	2	2	0	1.0171	1.0158	-0.0012	0.9365	0.9344	0.0021
2023-11-13T14:29:26	1	0	1	1	0	0.9343	0.9351	0.0008	-0.9995	-0.9994	-0.0001
2023-11-13T14:29:30	5	0	4	5	-1	1.0167	1.0242	0.0075	0.9909	0.991	-0.0001
2023-11-13T14:30:15	1	0	2	2	0	1.0638	1.0637	-0.0001	0.9876	0.9876	0.0000
2023-11-13T14:30:56	2	0	165	164	1	1.0580	1.0580	0.0000	-0.9689	-0.9688	-0.0001
2023-11-13T14:32:38	2	0	4	4	0	0.9010	0.9010	0.0000	0.9846	0.9854	-0.0008
2023-11-13T14:32:53	2	0	22	22	0	1.0481	1.0480	0.0000	-0.991	-0.9912	0.0002
2023-11-13T14:33:00	3	0	3	3	0	1.0632	1.0628	-0.0004	0.9991	0.9991	0.0000
2023-11-13T14:33:35	2	0	7	7	0	1.0203	1.0203	0.0000	0.968	0.9678	0.0002
2023-11-13T14:34:48	3	0	1	1	0	0.9930	0.9933	0.0003	-0.974	-0.9739	-0.0001
2023-11-13T14:35:08	3	0	87	87	0	1.1097	1.1095	-0.0002	0.9999	0.9917	0.0082
2023-11-13T14:35:36	1	0	10	10	0	1.0262	1.0263	0.0000	0.9873	0.9873	0.0000
2023-11-13T14:35:57	1	0	8	8	0	1.0303	1.0302	-0.0001	0.9972	0.9978	-0.0006
2023-11-13T14:36:11	1	0	21	21	0	1.0474	1.0473	-0.0001	0.9673	0.9534	0.0139
2023-11-13T14:36:59	1	0	2	2	0	1.0565	1.0565	0.0000	0.9989	0.999	-0.0001
2023-11-13T14:38:09	1	0	10	10	0	1.0484	1.0482	-0.0002	0.9993	0.9992	0.0001
2023-11-13T14:38:18	3	0	66	65	1	1.0614	1.0607	-0.0008	0.9416	0.9408	0.0008
2023-11-13T14:38:54	8	0	28	26	2	1.0487	1.0484	-0.0002	-0.9559	-0.957	0.0011
2023-11-13T14:39:17	1	0	443	443	0	1.0604	1.0604	0.0000	0.9941	0.9942	-0.0001
2023-11-13T14:39:23	1	0	1	1	0	1.0353	1.0345	-0.0008	0.998	0.9979	0.0001
2023-11-13T14:39:55	5	0	7	7	0	1.0225	1.0224	-0.0001	0.9892	0.9892	0.0000
2023-11-13T14:41:09	1	0	2	2	0	1.0271	1.0267	-0.0004	0.9972	0.9972	0.0000
2023-11-13T14:41:09	2	0	4	4	0	1.0457	1.0455	-0.0002	-0.9926	-0.9927	0.0001
2023-11-13T14:41:15	7	0	5	4	1	1.0040	0.9935	-0.0105	-0.9906	-0.991	0.0004
2023-11-13T14:41:31	9	0	47	47	0	1.0519	1.0518	-0.0001	0.9976	0.9976	0.0000
2023-11-13T14:42:36	1	0	3	3	0	1.0525	1.0525	0.0000	0.9915	0.9915	0.0000
2023-11-13T14:42:36	1	0	4	4	0	1.0349	1.0348	-0.0001	0.9991	0.9991	0.0000
2023-11-13T14:42:58	2	0	18	17	1	1.0504	1.0507	0.0003	0.9566	0.9565	0.0001
2023-11-13T14:43:04	2	0	224	224	0	0.9955	0.9955	0.0000	-0.9958	-0.9958	0.0000
2023-11-13T14:43:10	5	0	6	6	0	0.9647	0.9646	-0.0002	0.9322	0.9319	0.0003
2023-11-13T14:44:27	1	0	1	1	0	0.9412	0.9414	0.0002	-0.9971	-0.9971	0.0000
2023-11-13T14:44:31	6	0	5	6	-1	1.0128	1.0199	0.0071	0.9892	0.9893	-0.0001
2023-11-13T14:45:16	1	0	2	2	0	1.0646	1.0646	-0.0001	0.9904	0.9904	0.0000
2023-11-14T07:51:46	1	0	154	154	0	0.9046	0.9046	0.0001	0.9663	0.9662	0.0001
2023-11-14T07:55:26	1	0	62	62	0	0.9420	0.9420	0.0000	-0.9939	-0.9936	-0.0003
2023-11-14T08:06:15	1	0	8	8	0	0.9505	0.9506	0.0001	-0.9947	-0.9946	-0.0001
2023-11-14T08:06:39	2	0	82	80	2	1.0574	1.0573	-0.0001	0.9996	0.9995	0.0001
2023-11-14T08:06:49	1	0	162	162	0	0.9023	0.9023	0.0000	0.9688	0.9687	0.0001
2023-11-14T08:09:44	1	0	77	76	1	1.0565	1.0565	0.0000	0.9944	0.9944	0.0000

2023-11-14T08:13:32	2	0	5	5	0	1.0344	1.0342	-0.0002	-0.9772	-0.9772	0.0000
2023-11-14T08:19:38	2	0	43	43	0	0.9305	0.9307	0.0002	0.8577	0.8586	-0.0009
2023-11-14T08:29:02	2	0	21	20	1	1.0522	1.0520	-0.0002	-0.9283	-0.9273	-0.0010
2023-11-14T08:36:39	1	0	3	3	0	0.9418	0.9421	0.0003	-0.9966	-0.9965	-0.0001
2023-11-14T08:49:54	2	0	319	319	0	0.8731	0.8731	0.0001	0.8676	0.8672	0.0004
2023-11-14T08:58:35	1	0	4	4	0	1.0301	1.0299	-0.0002	-0.9959	-0.9959	0.0000
2023-11-14T09:02:12	3	0	33	32	1	1.0505	1.0504	-0.0002	0.9826	0.9826	0.0000
2023-11-14T09:03:29	1	0	11	11	0	0.9421	0.9424	0.0004	0.9522	0.9516	0.0006
2023-11-14T09:03:32	3	0	7	7	0	1.0477	1.0473	-0.0003	-0.9885	-0.9885	0.0000
2023-11-14T09:03:53	1	0	8	8	0	1.0440	1.0439	-0.0001	0.9964	0.9964	0.0000
2023-11-14T09:04:09	1	0	10	10	0	1.0544	1.0544	0.0000	0.9987	0.9987	0.0000
2023-11-14T09:05:15	2	0	27	24	3	0.9451	0.9457	0.0006	-0.9852	-0.9841	-0.0011
2023-11-14T09:06:19	1	0	8	8	0	0.9524	0.9525	0.0001	0.9997	0.9998	-0.0001
2023-11-14T09:06:41	1	0	1	0	1	0.9447	null	null	-0.9952	-0.995	-0.0002
2023-11-14T09:06:43	3	0	14	11	3	1.0512	1.0497	-0.0014	0.997	0.9971	-0.0001
2023-11-14T09:06:53	2	0	115	116	-1	0.8957	0.8961	0.0004	0.9647	0.9647	0.0000
2023-11-14T09:08:00	2	0	263	263	0	1.0611	1.0611	0.0000	-0.9752	-0.9751	-0.0001
2023-11-14T09:13:36	2	0	2	1	1	1.0306	1.0318	0.0012	-0.9955	-0.9956	0.0001
2023-11-14T09:18:12	1	0	4	4	0	1.0064	1.0063	-0.0001	0.9908	0.9907	0.0001
2023-11-14T09:19:42	2	0	44	44	0	0.9287	0.9293	0.0006	0.8492	0.8503	-0.0011
2023-11-14T09:21:54	3	0	131	131	0	0.9090	0.9089	0.0000	0.9682	0.9679	0.0003
2023-11-14T09:24:40	1	0	2	2	0	1.0140	1.0139	-0.0001	0.9986	0.9986	0.0000
2023-11-14T09:29:06	2	0	19	17	2	1.0490	1.0481	-0.0008	-0.9092	-0.9086	-0.0006
2023-11-14T09:32:05	7	0	97	90	7	1.0530	1.0529	-0.0001	-0.9981	-0.9981	0.0000
2023-11-14T09:32:13	2	0	3	3	0	1.0208	1.0206	-0.0002	0.9789	0.9788	0.0001
2023-11-14T09:33:31	1	0	1	1	0	0.9308	0.9311	0.0003	0.9562	0.9559	0.0003
2023-11-14T09:39:16	2	0	6	7	-1	1.0475	1.0471	-0.0005	0.9958	0.9956	0.0002
2023-11-14T09:39:50	1	0	25	25	0	1.0498	1.0497	-0.0001	0.9776	0.9775	0.0001
2023-11-14T09:40:02	2	0	2	2	0	1.0356	1.0354	-0.0003	0.9889	0.9886	0.0003
2023-11-14T09:43:38	2	0	10	10	0	1.0390	1.0388	-0.0002	-0.9952	-0.9953	0.0001
2023-11-14T09:43:55	1	0	1	1	0	1.0571	1.0568	-0.0003	-0.9556	-0.955	-0.0006
2023-11-14T09:44:19	1	0	5	5	0	1.0457	1.0455	-0.0002	0.9991	0.999	0.0001
2023-11-14T09:44:25	9	0	22	20	2	1.0459	1.0459	0.0000	-0.9942	-0.9945	0.0003
2023-11-14T09:45:06	1	0	65	64	1	1.0543	1.0543	0.0000	0.9834	0.9834	0.0000
2023-11-14T09:45:36	4	0	2	2	0	0.9375	0.9381	0.0006	0.9926	0.9925	0.0001
2023-11-14T09:46:57	3	0	26	26	0	1.0348	1.0347	-0.0001	0.9992	0.9992	0.0000
2023-11-14T09:47:06	2	0	547	536	11	1.0604	1.0600	-0.0004	0.9991	0.9995	-0.0004
2023-11-14T09:48:35	2	0	2	2	0	0.9938	0.9941	0.0003	-0.9965	-0.9965	0.0000
2023-11-14T09:48:56	1	0	23	20	3	1.0472	1.0467	-0.0005	0.9968	0.9968	0.0000
2023-11-14T09:53:03	3	0	211	209	2	1.0590	1.0590	0.0000	-0.9723	-0.9722	-0.0001
2023-11-14T09:54:17	2	0	6	6	0	1.0511	1.0510	-0.0001	0.9953	0.9953	0.0000
2023-11-14T09:54:51	1	0	26	26	0	1.0510	1.0509	-0.0001	0.9771	0.977	0.0001
2023-11-14T09:55:37	2	0	76	75	1	0.9348	0.9352	0.0004	0.954	0.9507	0.0033
2023-11-14T09:56:34	2	0	60	60	0	1.0594	1.0592	-0.0002	0.9984	0.9982	0.0002
2023-11-14T09:58:09	1	0	42	41	1	1.0531	1.0530	-0.0001	0.9976	0.9976	0.0000
2023-11-14T09:58:30	1	0	13	13	0	1.0487	1.0485	-0.0001	0.9648	0.9641	0.0007
2023-11-14T09:59:32	1	0	45	44	1	1.0498	1.0497	-0.0001	-0.9691	-0.9691	0.0000
2023-11-14T09:59:40	1	0	14	13	1	1.0516	1.0514	-0.0003	0.9719	0.9718	0.0001
2023-11-14T10:00:10	2	0	1	0	1	1.0584	null	null	0.9818	0.9818	0.0000
2023-11-14T10:00:26	2	0	14	14	0	1.0483	1.0481	-0.0002	-0.999	-0.999	0.0000
2023-11-14T10:00:43	1	0	21	20	1	1.0542	1.0541	-0.0001	-0.9958	-0.9958	0.0000
2023-11-14T10:00:57	1	0	2	2	0	1.0227	1.0224	-0.0003	0.9974	0.9974	0.0000
2023-11-14T10:01:25	2	0	7	7	0	1.0310	1.0318	0.0009	0.9884	0.988	0.0004
2023-11-14T10:01:31	3	0	1	1	0	1.0329	1.0321	-0.0008	0.9971	0.9965	0.0006
2023-11-14T10:01:59	1	0	21	21	0	1.0290	1.0289	-0.0001	0.9993	0.9994	-0.0001
2023-11-14T10:02:46	2	0	25	24	1	0.9981	0.9957	-0.0024	0.9573	0.9573	0.0000
2023-11-14T10:03:36	3	0	4	3	1	1.0470	1.0468	-0.0003	-0.9911	-0.9912	0.0001
2023-11-14T10:03:57	2	0	32	29	3	1.0513	1.0506	-0.0007	0.9972	0.9966	0.0006
2023-11-14T10:05:00	5	0	50	48	2	0.9280	0.9282	0.0002	0.9033	0.903	0.0003
2023-11-14T10:06:47	1	0	1	1	0	1.0181	1.0177	-0.0004	0.992	0.9919	0.0001
2023-11-14T10:06:58	1	0	108	108	0	0.9125	0.9125	0.0000	0.9665	0.9667	-0.0002
2023-11-14T10:07:37	3	0	7	7	0	1.0430	1.0426	-0.0004	-0.9853	-0.9857	0.0004
2023-11-14T10:08:04	15	0	561	549	12	1.0627	1.0625	-0.0001	-0.963	-0.9635	0.0005
2023-11-14T10:08:17	5	0	93	90	3	0.9209	0.9220	0.0011	0.9879	0.9883	-0.0004
2023-11-14T10:09:52	1	0	32	31	1	1.0527	1.0527	0.0000	0.9768	0.9768	0.0000
2023-11-14T10:12:12	2	0	1	1	0	0.9954	0.9959	0.0005	-0.9684	-0.9682	-0.0002
2023-11-14T10:13:31	1	0	20	19	1	1.0489	1.0488	0.0000	0.9698	0.9566	0.0132
2023-11-14T10:14:09	2	0	43	42	1	1.0523	1.0522	-0.0001	-0.9081	-0.9074	-0.0007
2023-11-14T10:14:14	1	0	39	39	0	1.0488	1.0488	0.0000	-0.9958	-0.9962	0.0004
2023-11-14T10:14:33	1	0	50	49	1	1.0511	1.0510	-0.0001	-0.9694	-0.9694	0.0000
2023-11-14T10:14:41	2	0	17	15	2	1.0523	1.0517	-0.0006	0.9709	0.9709	0.0000
2023-11-14T10:15:08	1	0	81	80	1	1.0540	1.0540	0.0000	0.9833	0.9833	0.0000
2023-11-14T10:15:11	1	0	1	1	0	1.0603	1.0554	-0.0049	0.9797	0.9796	0.0001
2023-11-14T10:15:27	1	0	22	21	1	1.0503	1.0500	-0.0003	-0.9991	-0.9991	0.0000
2023-11-14T10:15:44	1	0	64	59	5	1.0553	1.0551	-0.0002	-0.9941	-0.9942	0.0001
2023-11-14T10:15:58	1	0	1	1	0	1.0327	1.0324	-0.0003	0.9979	0.9979	0.0000
2023-11-14T10:16:45	1	0	2	2	0	1.0394	1.0389	-0.0006	0.9994	0.9993	0.0001
2023-11-14T10:17:17	7	0	53	50	3	1.0527	1.0525	-0.0002	0.9793	0.9793	0.0000
2023-11-14T10:18:37	1	0	4	4	0	1.0441	1.0438	-0.0003	-0.9938	-0.9938	0.0000
2023-11-14T10:19:09	5	0	21	21	0	1.0473	1.0470	-0.0003	0.997	0.9969	0.0001
2023-11-14T10:19:46	2	0	45	45	0	0.9277	0.9280	0.0002	0.8464	0.8473	-0.0009
2023-11-14T10:20:01	1	0	15	15	0	0.9542	0.9541	-0.0001	0.9217	0.9214	0.0003
2023-11-14T10:20:03	4	0	5	5	0	1.0485	1.0480	-0.0005	-0.7514	-0.754	0.0026
2023-11-14T10:21:24	1	0	2	2	0	1.0191	1.0185	-0.0006	0.9994	0.9994	0.0000
2023-11-14T10:22:03	1	0	105	103	2	0.9333	0.9333	0.0000	0.9745	0.9745	0.0000

2023-11-14T10:22:38	1	0	25	25	0	1.0492	1.0491	-0.0001	-1	-1	0.0000
2023-11-14T10:24:44	1	0	4	4	0	1.0440	1.0437	-0.0003	0.9988	0.9993	-0.0005
2023-11-14T10:29:22	4	0	6	7	-1	1.0514	1.0485	-0.0030	0.9993	0.9995	-0.0002
2023-11-14T10:29:28	3	0	18	19	-1	1.0465	1.0455	-0.0010	-0.9953	-0.9954	0.0001
2023-11-14T10:29:42	1	0	19	17	2	1.0529	1.0524	-0.0005	0.9721	0.972	0.0001
2023-11-14T10:30:28	12	0	24	24	0	1.0515	1.0514	-0.0001	-0.9988	-0.9989	0.0001
2023-11-14T10:30:41	7	0	3	3	0	1.0502	1.0463	-0.0039	0.9453	0.9435	0.0018
2023-11-14T10:32:10	4	0	422	406	16	1.0611	1.0610	-0.0001	0.9979	0.9978	0.0001
2023-11-14T10:32:18	4	0	65	60	5	1.0539	1.0536	-0.0002	0.9803	0.9802	0.0001
2023-11-14T10:33:42	1	0	1	1	0	1.0190	1.0186	-0.0004	0.9926	0.9926	0.0000
2023-11-14T10:34:16	1	0	62	62	0	1.0536	1.0536	0.0000	0.9974	0.9979	-0.0005
2023-11-14T10:34:47	2	0	2	0	2	1.0611	null	null	-0.9865	-0.987	0.0005
2023-11-14T10:34:55	2	0	2	2	0	1.0336	1.0332	-0.0004	0.9963	0.9963	0.0000
2023-11-14T10:37:08	1	0	110	110	0	0.9134	0.9134	0.0000	0.9766	0.9766	0.0000
2023-11-14T10:39:54	3	0	35	32	3	1.0531	1.0530	0.0000	0.977	0.9766	0.0004
2023-11-14T10:40:37	1	0	4	4	0	1.0421	1.0421	-0.0001	-0.9902	-0.9902	0.0000
2023-11-14T10:40:40	1	0	1	1	0	0.9917	0.9909	-0.0008	0.9542	0.9529	0.0013
2023-11-14T10:42:14	2	0	1	1	0	0.9983	0.9989	0.0006	-0.9637	-0.9634	-0.0003
2023-11-14T10:43:42	4	0	16	15	1	1.0481	1.0473	-0.0009	-0.9973	-0.9974	0.0001
2023-11-14T10:44:20	1	0	45	45	0	1.0497	1.0496	0.0000	-0.9962	-0.9963	0.0001
2023-11-14T10:44:23	1	0	2	2	0	1.0565	1.0563	-0.0001	0.9995	0.9996	-0.0001
2023-11-14T10:44:35	1	0	82	81	1	1.0538	1.0537	-0.0001	-0.9626	-0.9627	0.0001
2023-11-14T10:44:35	1	0	2	2	0	1.0314	1.0313	-0.0001	0.9963	0.9963	0.0000
2023-11-14T10:45:13	2	0	1	0	1	1.0566	null	null	0.9857	0.9857	0.0000
2023-11-14T10:45:42	1	0	1	1	0	1.0376	1.0356	-0.0020	0.942	0.9044	0.0376
2023-11-14T10:46:20	2	0	2	2	0	1.0343	1.0337	-0.0006	0.9897	0.9891	0.0006
2023-11-14T10:47:24	1	0	1	1	0	1.0584	1.0574	-0.0010	0.9536	0.9533	0.0003
2023-11-14T10:48:36	1	0	39	30	9	0.9463	0.9400	-0.0063	0.9428	0.9418	0.0010
2023-11-14T10:48:39	6	0	13	8	5	1.0511	1.0491	-0.0021	-0.9874	-0.9879	0.0005
2023-11-14T10:48:50	1	0	5	5	0	1.0336	1.0335	0.0000	-1	-1	0.0000
2023-11-14T10:49:17	1	0	25	23	2	1.0489	1.0486	-0.0003	0.9976	0.9976	0.0000
2023-11-14T10:50:03	1	0	4	4	0	1.0444	1.0444	-0.0001	0.9914	0.9911	0.0003
2023-11-14T10:50:04	1	0	30	30	0	0.9395	0.9394	-0.0001	0.9092	0.9088	0.0004
2023-11-14T10:50:27	1	0	166	166	0	0.9400	0.9402	0.0002	0.9999	0.9999	0.0000
2023-11-14T10:51:50	4	0	2	2	0	1.0258	1.0257	-0.0001	0.9935	0.9936	-0.0001
2023-11-14T10:52:40	1	0	23	22	1	1.0513	1.0510	-0.0003	-0.9981	-0.9981	0.0000
2023-11-14T10:53:07	5	0	514	505	9	1.0626	1.0623	-0.0003	-0.9618	-0.9619	0.0001
2023-11-14T10:54:41	2	0	1	1	0	1.0564	1.0555	-0.0009	-0.9997	-0.9998	0.0001
2023-11-14T10:54:55	2	0	29	29	0	1.0522	1.0521	-0.0001	0.9754	0.9751	0.0003
2023-11-14T10:56:40	1	0	4	4	0	1.0339	1.0336	-0.0003	0.9822	0.9822	0.0000
2023-11-14T10:57:38	6	0	78	74	4	1.0497	1.0495	-0.0003	-0.9995	-0.9995	0.0000
2023-11-14T10:57:59	1	0	7	7	0	1.0215	1.0216	0.0001	0.967	0.967	0.0000
2023-11-14T10:58:43	5	0	21	18	3	1.0511	1.0508	-0.0003	-0.9978	-0.9981	0.0003
2023-11-14T10:59:21	1	0	48	48	0	1.0501	1.0501	0.0000	-0.9958	-0.9958	0.0000
2023-11-14T11:00:11	3	0	108	105	3	1.0554	1.0552	-0.0002	0.9832	0.9831	0.0001
2023-11-14T11:02:03	2	0	22	23	-1	1.0310	1.0297	-0.0013	0.9999	0.9999	0.0000
2023-11-14T11:02:12	5	0	242	227	15	1.0580	1.0577	-0.0003	0.9896	0.9894	0.0002
2023-11-14T11:02:20	2	0	67	65	2	1.0536	1.0535	-0.0001	0.9782	0.9781	0.0001
2023-11-14T11:02:50	1	0	11	11	0	1.0018	1.0018	0.0000	0.9544	0.9543	0.0001
2023-11-14T11:03:19	1	0	3	3	0	0.9970	0.9969	-0.0001	0.9883	0.9884	-0.0001
2023-11-14T11:03:56	1	0	4	4	0	1.0368	1.0368	-0.0001	-0.994	-0.994	0.0000
2023-11-14T11:04:18	1	0	65	65	0	1.0537	1.0536	-0.0001	0.9976	0.9976	0.0000
2023-11-14T11:06:27	1	0	2	2	0	1.0246	1.0248	0.0002	0.9992	0.9992	0.0000
2023-11-14T11:06:39	2	0	12	12	0	1.0503	1.0503	-0.0001	0.9996	0.9996	0.0000
2023-11-14T11:06:51	3	0	2	3	-1	0.9999	1.0179	0.0181	0.9932	0.9934	-0.0002
2023-11-14T11:07:00	3	0	39	39	0	1.0514	1.0513	-0.0001	0.9863	0.986	0.0003
2023-11-14T11:07:41	2	0	19	19	0	1.0501	1.0499	-0.0001	-0.9995	-0.9995	0.0000
2023-11-14T11:08:15	1	0	212	211	1	1.0583	1.0583	0.0000	-0.9789	-0.9789	0.0000
2023-11-14T11:08:34	1	0	138	137	1	1.0532	1.0532	0.0000	0.9913	0.9912	0.0001
2023-11-14T11:11:37	2	0	1	0	1	1.0559	null	null	0.9925	0.9922	0.0003
2023-11-14T11:11:40	1	0	2	2	0	1.0749	1.0743	-0.0006	0.9983	0.9983	0.0000
2023-11-14T11:13:14	1	0	80	80	0	1.0550	1.0550	-0.0001	0.9994	0.9993	0.0001
2023-11-14T11:13:44	1	0	30	30	0	1.0514	1.0489	-0.0026	-0.9972	-0.997	-0.0002
2023-11-14T11:13:58	1	0	3	3	0	1.0439	1.0437	-0.0002	0.9762	0.9759	0.0003
2023-11-14T11:14:25	1	0	8	6	2	1.0507	1.0503	-0.0005	0.9995	0.999	0.0005
2023-11-14T11:14:31	2	0	16	16	0	1.0468	1.0466	-0.0002	-0.9915	-0.9931	0.0016
2023-11-14T11:15:31	1	0	23	23	0	1.0524	1.0523	-0.0001	-0.9985	-0.9986	0.0001
2023-11-14T11:18:41	1	0	29	29	0	1.0555	1.0555	-0.0001	0.9996	0.9996	0.0000
2023-11-14T11:18:41	1	0	8	7	1	1.0500	1.0490	-0.0010	-0.9854	-0.9855	0.0001
2023-11-14T11:18:45	1	0	2	2	0	1.0267	1.0264	-0.0003	0.9965	0.9964	0.0001
2023-11-14T11:19:12	7	0	33	30	3	1.0506	1.0508	0.0001	0.9707	0.9701	0.0006
2023-11-14T11:20:29	3	0	167	167	0	0.9475	0.9478	0.0003	0.9999	0.9998	0.0001
2023-11-14T11:21:52	3	0	1	2	-1	1.0188	1.0368	0.0180	0.9943	0.9943	0.0000
2023-11-14T11:22:06	2	0	17	17	0	1.0507	1.0506	-0.0001	0.9689	0.9687	0.0002
2023-11-14T11:23:28	1	0	4	4	0	1.0298	1.0297	-0.0001	0.9985	0.9985	0.0000
2023-11-14T11:24:48	1	0	10	9	1	1.0564	1.0556	-0.0008	0.9992	0.9992	0.0000
2023-11-14T11:25:43	1	0	1023	1021	2	0.8001	0.8014	0.0013	0.8848	0.8849	-0.0001
2023-11-14T11:27:33	1	0	83	83	0	1.1250	1.1232	-0.0018	-0.9919	-0.992	0.0001
2023-11-14T11:27:40	6	0	95	91	4	1.0513	1.0511	-0.0002	-0.9991	-0.9991	0.0000
2023-11-14T11:28:01	1	0	10	10	0	1.0231	1.0230	0.0000	0.9671	0.967	0.0001
2023-11-14T11:28:17	1	0	2	2	0	1.0228	1.0224	-0.0005	0.9966	0.9965	0.0001
2023-11-14T11:29:26	3	0	13	13	0	1.0521	1.0517	-0.0004	0.9994	0.9994	0.0000
2023-11-14T11:29:48	3	0	16	15	1	1.0536	1.0533	-0.0004	0.9712	0.9712	0.0000
2023-11-14T11:30:32	20	0	39	35	4	1.0544	1.0543	-0.0001	-0.9992	-0.9993	0.0001
2023-11-14T11:31:31	1	0	8	8	0	1.0391	1.0391	0.0000	0.9908	0.9906	0.0002

2023-11-14T11:31:37	3	0	1	1	0	1.0571	1.0571	0.0000	0.9945	0.9946	-0.0001
2023-11-14T11:32:22	3	0	90	86	4	1.0550	1.0549	-0.0001	0.9794	0.9794	0.0000
2023-11-14T11:33:39	3	0	6	6	0	0.9601	0.9601	0.0000	0.9371	0.9369	0.0002
2023-11-14T11:33:42	14	0	2	3	-1	1.0413	1.0428	0.0015	-0.9906	-0.9906	0.0000
2023-11-14T11:34:13	14	0	52	49	3	1.0513	1.0510	-0.0003	0.9716	0.9713	0.0003
2023-11-14T11:34:19	1	0	4	4	0	1.0532	1.0532	0.0000	0.998	0.998	0.0000
2023-11-14T11:35:00	1	0	2	2	0	1.0290	1.0290	0.0000	0.9969	0.9969	0.0000
2023-11-14T11:35:30	2	0	13	12	1	1.0489	1.0482	-0.0007	0.9917	0.9917	0.0000
2023-11-14T11:36:41	1	0	14	14	0	1.0516	1.0516	0.0000	0.9986	0.9986	0.0000
2023-11-14T11:41:39	2	0	2	2	0	1.0412	1.0407	-0.0006	0.9926	0.9924	0.0002
2023-11-14T11:41:41	1	0	5	5	0	1.0586	1.0586	0.0000	0.9954	0.9955	-0.0001
2023-11-14T11:42:41	3	0	99	96	3	1.0511	1.0509	-0.0002	-0.9994	-0.9994	0.0000
2023-11-14T11:43:02	1	0	9	9	0	1.0232	1.0231	0.0000	0.9654	0.9652	0.0002
2023-11-14T11:45:14	2	0	197	195	2	1.0561	1.0561	0.0000	0.9828	0.9828	0.0000
2023-11-14T11:45:46	8	0	67	67	0	1.0607	1.0613	0.0006	0.9361	0.9357	0.0004
2023-11-14T11:46:06	3	0	12	12	0	1.0423	1.0423	-0.0001	0.9975	0.9975	0.0000
2023-11-14T11:46:13	2	0	26	25	1	1.0483	1.0480	-0.0003	-0.9987	-0.9988	0.0001
2023-11-14T11:46:32	1	0	7	7	0	1.0342	1.0341	0.0000	0.9892	0.989	0.0002
2023-11-14T11:46:38	3	0	1	1	0	1.0589	1.0589	0.0000	0.9937	0.994	-0.0003
2023-11-14T11:47:27	2	0	55	55	0	1.0529	1.0529	0.0000	0.9784	0.9784	0.0000
2023-11-14T11:48:40	3	0	11	12	-1	0.9529	0.9516	-0.0013	0.9435	0.9435	0.0000
2023-11-14T11:49:14	13	0	83	82	1	1.0536	1.0534	-0.0002	0.9706	0.9703	0.0003
2023-11-14T11:49:20	1	0	6	6	0	1.0538	1.0538	0.0000	0.9981	0.9981	0.0000
2023-11-14T11:50:01	1	0	2	2	0	1.0312	1.0312	0.0000	0.9976	0.9977	-0.0001
2023-11-14T11:50:09	3	0	7	8	-1	1.0507	1.0498	-0.0009	-0.7887	-0.7873	-0.0014
2023-11-14T11:51:42	1	0	12	12	0	1.0484	1.0484	0.0000	0.999	0.999	0.0000
2023-11-14T11:52:08	3	0	22	22	0	1.0549	1.0549	0.0000	0.9516	0.9516	0.0000
2023-11-14T11:52:16	1	0	46	42	4	1.0491	1.0483	-0.0007	-0.9994	-0.9994	0.0000
2023-11-14T11:55:02	1	0	24	23	1	0.9483	0.9459	-0.0024	0.9944	0.9943	0.0001
2023-11-14T11:56:40	2	0	2	2	0	0.9707	0.9703	-0.0004	0.9926	0.9943	-0.0017
2023-11-14T11:58:03	1	0	11	11	0	1.0354	1.0354	0.0000	0.9687	0.9685	0.0002
2023-11-14T12:00:47	6	0	2	2	0	1.0333	1.0329	-0.0004	0.9262	0.9271	-0.0009
2023-11-14T12:01:41	3	0	1	1	0	1.0593	1.0593	0.0000	0.9937	0.9942	-0.0005
2023-11-14T12:02:13	3	0	13	11	2	1.0506	1.0494	-0.0012	0.9952	0.9952	0.0000
2023-11-14T12:02:54	2	0	13	13	0	1.0369	1.0366	-0.0003	0.9572	0.9572	0.0000
2023-11-14T12:04:49	4	0	12	11	1	1.0498	1.0489	-0.0009	0.9851	0.985	0.0001
2023-11-14T12:05:10	3	0	8	9	-1	1.0516	1.0521	0.0005	-0.7321	-0.7305	-0.0016
2023-11-14T12:05:21	2	0	1	1	0	1.0296	1.0292	-0.0004	0.9773	0.977	0.0003
2023-11-14T12:06:43	1	0	13	13	0	1.0521	1.0521	0.0000	0.9987	0.9987	0.0000
2023-11-14T12:07:42	2	0	23	23	0	1.0483	1.0482	-0.0001	0.9943	0.9942	0.0001
2023-11-14T12:08:10	1	0	11	11	0	1.0266	1.0266	0.0000	0.9966	0.9967	-0.0001
2023-11-14T12:11:43	1	0	18	18	0	1.0564	1.0564	0.0000	0.9907	0.9907	0.0000
2023-11-14T12:11:45	1	0	4	4	0	1.0306	1.0305	-0.0001	0.9787	0.9786	0.0001
2023-11-14T12:12:43	9	0	283	281	2	1.0554	1.0554	0.0000	-0.9987	-0.9987	0.0000
2023-11-14T12:13:20	1	0	2	2	0	1.0294	1.0294	0.0000	0.9986	0.9987	-0.0001
2023-11-14T12:14:29	4	0	3	5	-2	1.0595	1.0563	-0.0032	0.9995	0.9996	-0.0001
2023-11-14T12:16:34	2	0	7	7	0	1.0376	1.0375	0.0000	0.9904	0.9902	0.0002
2023-11-14T12:18:42	3	0	5	6	-1	0.9639	0.9607	-0.0032	0.9418	0.9419	-0.0001
2023-11-14T12:18:45	12	0	5	9	-4	1.0530	1.0511	-0.0019	-0.9892	-0.9889	-0.0003
2023-11-14T12:19:22	1	0	45	44	1	1.0573	1.0573	0.0000	0.9992	0.9992	0.0000
2023-11-14T12:20:20	1	0	15	14	1	1.0460	1.0453	-0.0008	0.9998	0.9998	0.0000
2023-11-14T12:20:22	1	0	4	4	0	1.0236	1.0235	-0.0001	0.9799	0.9797	0.0002
2023-11-14T12:31:35	4	0	9	9	0	1.0341	1.0337	-0.0004	0.9901	0.9897	0.0004
2023-11-14T12:32:58	2	0	8	9	-1	0.9614	0.9594	-0.0020	0.9482	0.9484	-0.0002
2023-11-14T12:43:06	2	0	10	10	0	0.9989	0.9990	0.0001	0.9531	0.953	0.0001
2023-11-14T12:48:54	2	0	3	2	1	1.0448	1.0385	-0.0064	0.9288	0.9288	0.0000
2023-11-14T12:59:29	1	0	41	41	0	1.0500	1.0500	0.0000	-0.9927	-0.9928	0.0001
2023-11-14T13:00:39	3	0	14	14	0	1.0511	1.0510	-0.0001	0.9989	0.9989	0.0000
2023-11-14T13:00:51	5	0	5	5	0	1.0563	1.0547	-0.0015	0.9359	0.934	0.0019
2023-11-14T13:00:58	1	0	29	29	0	1.0542	1.0542	0.0000	-0.9933	-0.9933	0.0000
2023-11-14T13:03:09	3	0	6	5	1	1.0531	1.0521	-0.0009	0.9699	0.9698	0.0001
2023-11-14T13:05:49	3	0	1	0	1	1.0123	null	null	0.9995	0.9996	-0.0001
2023-11-14T13:14:39	3	0	46	46	0	1.0521	1.0527	0.0006	-0.99	-0.99	0.0000
2023-11-14T13:16:38	4	0	7	7	0	1.0366	1.0365	-0.0001	0.9866	0.9865	0.0001
2023-11-14T13:27:41	1	0	82	7	75	1.1356	1.0314	-0.1043	-0.9902	-0.9898	-0.0004
2023-11-14T13:28:25	1	0	9	9	0	1.0285	1.0284	-0.0001	0.9965	0.9972	-0.0007
2023-11-14T13:29:31	1	0	51	50	1	1.0505	1.0503	-0.0002	-0.9906	-0.9906	0.0000
2023-11-14T13:29:34	1	0	10	10	0	1.0527	1.0526	0.0000	0.9994	0.9994	0.0000
2023-11-14T13:33:50	2	0	13	13	0	1.0425	1.0416	-0.0009	-0.9885	-0.9887	0.0002
2023-11-14T13:48:48	1	0	2	2	0	0.9983	0.9981	-0.0002	0.9439	0.943	0.0009
2023-11-14T13:56:48	1	0	1	2	-1	1.0598	1.0448	-0.0150	0.9948	0.9948	0.0000
2023-11-14T14:00:07	1	0	1	0	1	1.0551	null	null	1	1	0.0000
2023-11-14T14:02:22	1	0	19	17	2	1.0513	1.0506	-0.0007	0.998	0.998	0.0000
2023-11-14T14:03:52	1	0	17	18	-1	1.0552	1.0544	-0.0007	0.9995	0.9995	0.0000
2023-11-14T14:03:52	1	0	8	8	0	1.0504	1.0503	-0.0001	-0.9927	-0.9927	0.0000
2023-11-14T14:09:34	2	0	3	4	-1	1.0539	1.0519	-0.0020	0.9714	0.9718	-0.0004
2023-11-14T14:10:54	1	0	20	29	-9	0.9678	0.9664	-0.0013	0.949	0.9523	-0.0033
2023-11-14T14:11:49	2	0	2	2	0	0.9857	0.9854	-0.0003	0.995	0.995	0.0000
2023-11-14T14:12:13	1	0	4	4	0	1.0451	1.0451	-0.0001	-0.9768	-0.9768	0.0000
2023-11-14T14:12:44	1	0	82	82	0	1.1371	1.1367	-0.0004	-0.992	-0.992	0.0000
2023-11-14T14:12:51	6	0	324	319	5	1.0554	1.0554	0.0000	-0.999	-0.999	0.0000
2023-11-14T14:13:56	12	0	35	34	1	1.0469	1.0476	0.0008	-0.9966	-0.9965	-0.0001
2023-11-14T14:14:21	2	0	30	29	1	1.0479	1.0476	-0.0003	0.973	0.973	0.0000
2023-11-14T14:15:24	1	0	163	162	1	1.0563	1.0563	0.0000	0.9794	0.9794	0.0000
2023-11-14T14:16:02	3	0	14	14	0	1.0482	1.0481	-0.0001	-0.9945	-0.9945	0.0000

2023-11-14T14:16:16	1	0	1	0	1	1.0352	null	null	0.9964	0.9964	0.0000
2023-11-14T14:16:51	1	0	626	626	0	1.0622	1.0622	0.0000	0.9954	0.9955	-0.0001
2023-11-14T14:17:01	2	0	5	5	0	1.0425	1.0423	-0.0002	0.9998	0.9997	0.0001
2023-11-14T14:17:23	2	0	13	12	1	1.0485	1.0487	0.0002	0.9969	0.9967	0.0002
2023-11-14T14:17:32	2	0	3	3	0	1.0358	1.0358	0.0000	0.9849	0.985	-0.0001
2023-11-14T14:17:41	2	0	28	27	1	1.0508	1.0504	-0.0004	0.9757	0.9756	0.0001
2023-11-14T14:18:50	3	0	5	5	0	0.9651	0.9652	0.0001	0.9538	0.953	0.0008
2023-11-14T14:18:53	6	0	9	9	0	1.0505	1.0501	-0.0004	-0.9866	-0.9868	0.0002
2023-11-14T14:19:58	8	0	20	18	2	1.0487	1.0483	-0.0003	0.9854	0.9846	0.0008
2023-11-14T14:22:07	6	0	2	0	2	1.0619	null	null	0.9952	0.9952	0.0000
2023-11-14T14:23:28	10	0	196	194	2	1.0587	1.0587	0.0000	-0.9871	-0.9871	0.0000
2023-11-14T14:24:35	2	0	3	3	0	1.0511	1.0509	-0.0001	0.9707	0.9704	0.0003
2023-11-14T14:25:12	1	0	14	14	0	0.9515	0.9515	0.0000	0.9951	0.995	0.0001
2023-11-14T14:26:50	2	0	1	1	0	1.0606	1.0603	-0.0003	0.9962	0.9961	0.0001
2023-11-14T14:27:45	1	0	83	83	0	1.1294	1.1290	-0.0004	-0.9928	-0.9928	0.0000
2023-11-14T14:27:52	5	0	208	203	5	1.0542	1.0542	0.0000	-0.999	-0.999	0.0000
2023-11-14T14:28:13	4	0	12	12	0	1.0298	1.0298	0.0000	0.9707	0.9704	0.0003
2023-11-14T14:28:58	10	0	31	30	1	1.0513	1.0510	-0.0003	-0.9961	-0.9961	0.0000
2023-11-14T14:29:22	2	0	9	9	0	1.0450	1.0448	-0.0002	0.9749	0.9747	0.0002
2023-11-14T14:30:25	2	0	185	181	4	1.0567	1.0567	0.0000	0.9796	0.9796	0.0000
2023-11-14T14:30:55	3	0	1	1	0	0.9110	0.9114	0.0004	0.9941	0.9938	0.0003
2023-11-14T14:31:03	2	0	18	18	0	1.0488	1.0488	0.0000	-0.9902	-0.9902	0.0000
2023-11-14T14:31:17	1	0	2	0	2	1.0350	null	null	0.9963	0.9963	0.0000
2023-11-14T14:31:52	1	0	656	656	0	1.0632	1.0632	0.0000	0.9955	0.9956	-0.0001
2023-11-14T14:32:24	2	0	14	14	0	1.0488	1.0488	0.0000	0.9956	0.9956	0.0000
2023-11-14T14:33:51	2	0	1	2	-1	0.9396	0.9974	0.0578	0.9554	0.9548	0.0006
2023-11-14T14:33:59	1	0	35	34	1	1.0499	1.0500	0.0001	0.9984	0.9984	0.0000
2023-11-14T14:34:59	8	0	20	20	0	1.0486	1.0486	-0.0001	0.9855	0.9853	0.0002
2023-11-14T14:36:41	1	0	3	3	0	1.0334	1.0334	0.0000	-0.9977	-0.9977	0.0000
2023-11-14T14:37:08	2	0	1	2	-1	1.0179	1.0363	0.0184	0.9956	0.9956	0.0000
2023-11-14T14:39:10	2	0	1	1	0	1.0371	1.0362	-0.0009	0.9955	0.9952	0.0003
2023-11-14T14:39:36	2	0	3	3	0	1.0530	1.0530	0.0000	0.9763	0.9761	0.0002
2023-11-14T14:40:58	1	0	5	5	0	1.0247	1.0246	-0.0001	0.9649	0.9648	0.0001
2023-11-14T14:41:05	1	0	2	2	0	1.0324	1.0321	-0.0003	0.9929	0.9929	0.0000
2023-11-14T14:41:51	2	0	1	1	0	1.0560	1.0558	-0.0002	0.996	0.9959	0.0001
2023-11-14T14:42:53	6	0	277	274	3	1.0547	1.0547	0.0000	-0.999	-0.999	0.0000
2023-11-14T14:43:14	6	0	11	11	0	1.0282	1.0281	-0.0001	0.9635	0.9632	0.0003
2023-11-14T14:43:49	1	0	12	10	2	1.0463	1.0465	0.0002	0.9488	0.9485	0.0003
2023-11-14T14:44:23	2	0	15	15	0	1.0469	1.0469	0.0000	0.9751	0.9751	0.0000
2023-11-14T14:44:39	4	0	8	7	1	1.0509	1.0514	0.0004	0.9995	0.9995	0.0000
2023-11-14T14:45:02	1	0	17	17	0	1.0532	1.0532	0.0000	0.9746	0.9746	0.0000
2023-11-14T14:45:26	1	0	187	187	0	1.0566	1.0566	0.0000	0.9795	0.9795	0.0000
2023-11-14T14:45:56	1	0	1	1	0	0.9099	0.9100	0.0001	0.9945	0.9945	0.0000
2023-11-14T14:46:18	1	0	1	0	1	1.0344	null	null	0.9968	0.9968	0.0000
2023-11-14T14:47:18	1	0	20	20	0	1.0335	1.0334	0.0000	1	1	0.0000
2023-11-14T14:47:34	2	0	1	1	0	1.0204	1.0200	-0.0004	0.9795	0.9795	0.0000
2023-11-14T14:48:06	1	0	7	7	0	1.0401	1.0400	-0.0001	0.9743	0.9723	0.0020
2023-11-14T14:48:52	1	0	1	2	-1	0.9360	0.9958	0.0598	0.9521	0.9519	0.0002
2023-11-14T14:48:55	2	0	41	41	0	0.9398	0.9401	0.0003	-0.9993	-0.9993	0.0000
2023-11-14T14:49:33	4	0	57	57	0	1.0513	1.0512	0.0000	0.9746	0.9744	0.0002
2023-11-14T14:53:30	2	0	185	185	0	1.0582	1.0582	0.0000	-0.9893	-0.9893	0.0000
2023-11-14T14:55:09	1	0	8	8	0	1.0289	1.0288	-0.0001	-0.9999	-0.9999	0.0000
2023-11-14T14:57:47	1	0	81	81	0	1.1460	1.1459	-0.0002	-0.9904	-0.9958	0.0054
2023-11-14T14:58:15	2	0	7	7	0	0.9969	0.9974	0.0005	0.971	0.971	0.0000
2023-11-14T14:58:31	1	0	8	8	0	1.0315	1.0315	-0.0001	0.9971	0.9971	0.0000
2023-11-14T14:58:59	10	0	26	26	0	1.0469	1.0467	-0.0002	-0.9972	-0.9975	0.0003
2023-11-14T14:59:40	1	0	2	2	0	1.0593	1.0592	-0.0001	0.9995	0.9997	-0.0002
2023-11-14T14:59:43	1	0	1	1	0	1.0320	1.0320	0.0000	1	1	0.0000
2023-11-14T15:00:27	1	0	238	238	0	1.0565	1.0565	0.0000	0.9806	0.9806	0.0000
2023-11-14T15:00:47	4	0	17	16	1	1.0507	1.0510	0.0003	0.999	0.999	0.0000
2023-11-14T15:01:19	1	0	1	1	0	1.0309	1.0307	-0.0002	0.9964	0.9964	0.0000
2023-11-14T15:02:04	2	0	4	4	0	1.0386	1.0385	-0.0001	0.9988	0.9988	0.0000
2023-11-14T15:03:53	1	0	1	2	-1	0.9421	0.9986	0.0565	0.964	0.9635	0.0005
2023-11-14T15:07:10	3	0	1	2	-1	1.0199	1.0373	0.0175	0.9956	0.9956	0.0000
2023-11-14T15:10:11	2	0	3	3	0	1.0524	1.0520	-0.0004	0.9992	0.9992	0.0000
2023-11-14T15:10:15	1	0	4	4	0	0.9712	0.9712	0.0000	0.9965	0.9964	0.0001
2023-11-14T15:10:59	2	0	675	673	2	0.8468	0.8500	0.0032	0.885	0.8897	-0.0047
2023-11-14T15:14:00	2	0	9	10	-1	1.0444	1.0444	0.0000	-0.9978	-0.9979	0.0001
2023-11-14T15:14:41	1	0	1	1	0	1.0582	1.0581	-0.0001	0.9996	0.9998	-0.0002
2023-11-14T15:16:20	1	0	2	2	0	1.0221	1.0221	-0.0001	0.9962	0.9962	0.0000
2023-11-14T15:16:46	1	0	1	1	0	1.0306	1.0302	-0.0004	0.9881	0.9878	0.0003
2023-11-14T15:24:13	1	0	4	4	0	1.0371	1.0370	-0.0001	0.9988	0.9988	0.0000
2023-11-14T15:25:17	3	0	3	3	0	0.9859	0.9857	-0.0002	0.9987	0.998	0.0007
2023-11-14T15:25:25	2	0	2	2	0	0.9411	0.9429	0.0018	0.9724	0.9723	0.0001
2023-11-14T15:26:56	1	0	3	3	0	1.0480	1.0478	-0.0002	0.9923	0.99	0.0023
2023-11-14T15:27:48	8	0	4	3	1	1.0310	1.0330	0.0020	-0.9938	-0.9941	0.0003
2023-11-14T15:31:54	3	0	1	0	1	1.0319	null	null	0.9977	0.9975	0.0002
2023-11-14T15:33:55	1	0	1	1	0	0.9328	0.9330	0.0002	0.9618	0.9615	0.0003
2023-11-14T15:38:27	5	0	15	14	1	1.0304	1.0303	-0.0001	0.9968	0.9968	0.0000
2023-11-14T15:39:14	1	0	3	3	0	1.0381	1.0381	0.0000	0.9987	0.9987	0.0000
2023-11-14T15:41:55	1	0	4	4	0	1.0381	1.0380	-0.0002	0.9978	0.9974	0.0004
2023-11-14T15:42:58	1	0	270	268	2	1.0542	1.0542	0.0000	-0.9987	-0.9987	0.0000
2023-11-14T15:44:47	1	0	55	56	-1	1.0504	1.0504	0.0000	-0.9884	-0.989	0.0006
2023-11-14T15:46:55	3	0	1	1	0	1.0328	1.0324	-0.0004	0.9952	0.9948	0.0004
2023-11-14T15:56:56	2	0	2	2	0	0.9704	0.9696	-0.0008	0.9974	0.9978	-0.0004

2023-11-14T16:00:00	1	0	4	4	0	1.0413	1.0411	-0.0002	0.998	0.9979	0.0001
2023-11-14T16:03:59	1	0	5	5	0	0.9543	0.9544	0.0000	0.9651	0.9647	0.0004
2023-11-14T16:07:20	2	0	41	42	-1	0.9732	0.9731	0.0000	-0.9999	-0.9999	0.0000
2023-11-14T16:12:52	1	0	6	6	0	1.0361	1.0359	-0.0002	-0.9919	-0.9919	0.0000
2023-11-14T16:19:00	3	0	13	12	1	0.9427	0.9415	-0.0012	0.9618	0.9618	0.0000
2023-11-14T16:22:15	3	0	2	2	0	1.0282	1.0278	-0.0003	0.9977	0.9977	0.0000
2023-11-14T16:25:21	1	0	3	3	0	0.9852	0.9853	0.0001	0.9985	0.9985	0.0000
2023-11-14T16:26:02	1	0	1	1	0	0.9591	0.9596	0.0005	-0.9637	-0.9626	-0.0011
2023-11-14T16:50:33	3	0	334	334	0	0.8134	0.8136	0.0002	0.858	0.8581	-0.0001
2023-11-14T17:04:03	1	0	76	74	2	0.9381	0.9382	0.0001	0.9788	0.9786	0.0002
2023-11-14T17:19:33	2	0	4	4	0	1.0345	1.0345	0.0000	-0.9985	-0.9985	0.0000
2023-11-14T17:50:18	2	0	43	43	0	0.9271	0.9273	0.0002	0.8706	0.8714	-0.0008
2023-11-15T07:50:09	2	0	170	170	0	0.9375	0.9376	0.0001	-0.992	-0.9914	-0.0006
2023-11-15T07:51:38	1	0	86	85	1	1.0599	1.0598	-0.0001	0.9984	0.9984	0.0000
2023-11-15T07:51:45	1	0	204	204	0	0.9051	0.9053	0.0002	0.9614	0.9613	0.0001
2023-11-15T07:55:28	1	0	92	92	0	0.9328	0.9328	0.0000	-0.9911	-0.9907	-0.0004
2023-11-15T08:04:50	5	0	634	634	0	0.8472	0.8474	0.0002	0.8507	0.8508	-0.0001
2023-11-15T08:05:10	1	0	83	83	0	1.0577	1.0576	0.0000	0.9906	0.9906	0.0000
2023-11-15T08:05:10	1	0	135	135	0	0.9398	0.9398	0.0000	0.9892	0.9892	0.0000
2023-11-15T08:06:39	2	0	102	102	0	1.0654	1.0653	-0.0001	0.9983	0.9983	0.0000
2023-11-15T08:06:46	1	0	283	284	-1	0.9147	0.9147	0.0000	0.9537	0.9536	0.0001
2023-11-15T08:12:46	2	0	35	35	0	0.9564	0.9565	0.0001	0.9782	0.9776	0.0006
2023-11-15T08:14:05	2	0	39	38	1	1.0537	1.0535	-0.0001	-0.9607	-0.9601	-0.0006
2023-11-15T08:18:08	1	0	34	27	7	0.9580	0.9583	0.0003	0.9833	0.9838	-0.0005
2023-11-15T08:20:11	1	0	72	72	0	0.9431	0.9431	0.0000	0.9914	0.9917	-0.0003
2023-11-15T08:22:58	1	0	195	195	0	1.0593	1.0593	0.0000	-0.985	-0.9849	-0.0001
2023-11-15T08:24:28	2	0	20	20	0	0.9729	0.9730	0.0001	0.997	0.9969	0.0001
2023-11-15T08:40:31	2	0	46	46	0	0.9437	0.9436	-0.0001	-0.9905	-0.9903	-0.0002
2023-11-15T08:43:33	2	0	3	3	0	1.0331	1.0328	-0.0003	-0.9972	-0.9973	0.0001
2023-11-15T08:58:34	1	0	3	3	0	1.0269	1.0267	-0.0002	-0.9965	-0.9965	0.0000
2023-11-15T09:03:23	1	0	3	3	0	1.0234	1.0263	0.0030	0.9791	0.9788	0.0003
2023-11-15T09:03:49	1	0	2	2	0	1.0375	1.0375	0.0000	0.9957	0.9957	0.0000
2023-11-15T09:04:42	1	0	40	39	1	0.9379	0.9382	0.0003	0.8599	0.8606	-0.0007
2023-11-15T09:04:49	1	0	1	1	0	1.0373	1.0373	0.0000	0.9992	0.9989	0.0003
2023-11-15T09:05:14	2	0	178	164	14	0.9349	0.9351	0.0002	0.9925	0.9931	-0.0006
2023-11-15T09:06:50	1	0	55	53	2	0.9283	0.9285	0.0003	0.9744	0.9744	0.0000
2023-11-15T09:12:50	2	0	9	9	0	0.9902	0.9904	0.0002	0.9805	0.9804	0.0001
2023-11-15T09:13:35	2	0	4	4	0	1.0267	1.0259	-0.0008	-0.9968	-0.9968	0.0000
2023-11-15T09:14:09	2	0	19	18	1	1.0487	1.0483	-0.0004	-0.9967	-0.9966	-0.0001
2023-11-15T09:19:56	2	0	54	53	1	0.9296	0.9298	0.0003	0.9122	0.9123	-0.0001
2023-11-15T09:20:15	1	0	48	47	1	1.0552	1.0550	-0.0001	0.9921	0.992	0.0001
2023-11-15T09:21:44	3	0	71	65	6	1.0572	1.0561	-0.0011	0.9956	0.9956	0.0000
2023-11-15T09:23:04	1	0	181	180	1	1.0580	1.0580	0.0000	-0.9751	-0.975	-0.0001
2023-11-15T09:24:17	2	0	9	9	0	1.0490	1.0487	-0.0003	0.9952	0.9951	0.0001
2023-11-15T09:24:32	1	0	1	1	0	1.0249	1.0245	-0.0004	0.9993	0.9993	0.0000
2023-11-15T09:33:34	4	0	2	1	1	0.9904	1.0352	0.0448	1	1	0.0000
2023-11-15T09:34:58	1	0	287	286	1	0.8717	0.8718	0.0001	0.8763	0.8761	0.0002
2023-11-15T09:35:19	9	0	37	36	1	1.0535	1.0526	-0.0009	-0.9991	-0.9992	0.0001
2023-11-15T09:38:05	3	0	202	200	2	1.0587	1.0587	0.0000	-0.9744	-0.9743	-0.0001
2023-11-15T09:40:36	1	0	3	3	0	1.0191	1.0190	-0.0001	0.9772	0.9801	-0.0029
2023-11-15T09:45:37	1	0	1	1	0	0.8823	0.8826	0.0003	0.9918	0.9916	0.0002
2023-11-15T09:45:55	1	0	5	5	0	1.0372	1.0371	-0.0001	-0.9999	-0.9999	0.0000
2023-11-15T09:46:50	1	0	49	47	2	1.0508	1.0506	-0.0002	-0.9741	-0.9741	0.0000
2023-11-15T09:46:56	2	0	16	16	0	1.0180	1.0180	0.0000	0.9993	0.9993	0.0000
2023-11-15T09:47:15	4	0	40	39	1	1.0520	1.0519	-0.0001	0.9833	0.9833	0.0000
2023-11-15T09:47:49	1	0	3	3	0	1.0267	1.0263	-0.0003	0.8981	0.8973	0.0008
2023-11-15T09:48:35	5	0	11	10	1	1.0465	1.0461	-0.0004	-0.9959	-0.996	0.0001
2023-11-15T09:50:17	2	0	202	198	4	1.0616	1.0615	0.0000	0.9923	0.9923	0.0000
2023-11-15T09:51:22	1	0	1	1	0	1.0603	1.0593	-0.0010	-0.9994	-0.9994	0.0000
2023-11-15T09:54:38	2	0	3	1	2	1.0566	1.0563	-0.0003	0.9999	0.9999	0.0000
2023-11-15T09:55:36	2	0	4	4	0	0.9662	0.9653	-0.0009	-0.989	-0.9891	0.0001
2023-11-15T09:56:35	2	0	2	2	0	1.0462	1.0458	-0.0004	0.9968	0.9966	0.0002
2023-11-15T09:57:53	1	0	12	12	0	0.9746	0.9747	0.0000	0.9659	0.9659	0.0000
2023-11-15T09:58:56	1	0	1	1	0	1.0616	1.0612	-0.0004	-0.9473	-0.9466	-0.0007
2023-11-15T09:59:12	1	0	62	61	1	1.0546	1.0546	-0.0001	-0.9312	-0.9304	-0.0008
2023-11-15T09:59:19	1	0	4	4	0	1.0466	1.0463	-0.0003	1	1	0.0000
2023-11-15T09:59:40	1	0	17	16	1	1.0532	1.0529	-0.0003	0.9722	0.9722	0.0000
2023-11-15T10:00:04	1	0	97	96	1	1.0492	1.0492	-0.0001	0.9975	0.9975	0.0000
2023-11-15T10:00:28	2	0	5	5	0	1.0474	1.0470	-0.0004	-0.9985	-0.9985	0.0000
2023-11-15T10:00:35	5	0	19	18	1	1.0507	1.0505	-0.0003	1	1	0.0000
2023-11-15T10:00:38	3	0	2	2	0	0.9291	0.9296	0.0005	0.9909	0.9908	0.0001
2023-11-15T10:01:26	1	0	2	2	0	1.0283	1.0282	-0.0001	0.9869	0.9866	0.0003
2023-11-15T10:01:32	3	0	1	1	0	1.0309	1.0302	-0.0007	0.9919	0.9911	0.0008
2023-11-15T10:01:58	2	0	18	18	0	1.0278	1.0277	-0.0001	0.9996	0.9996	0.0000
2023-11-15T10:02:06	4	0	51	49	2	1.0514	1.0511	-0.0003	-0.999	-0.999	0.0000
2023-11-15T10:03:36	1	0	12	10	2	1.0468	1.0469	0.0002	-0.9963	-0.9963	0.0000
2023-11-15T10:05:01	2	0	5	5	0	1.0498	1.0494	-0.0004	-0.8415	-0.842	0.0005
2023-11-15T10:06:47	1	0	1	1	0	1.0138	1.0134	-0.0004	0.9917	0.9916	0.0001
2023-11-15T10:08:03	5	0	16	16	0	1.0281	1.0279	-0.0002	0.9976	0.9976	0.0000
2023-11-15T10:08:20	5	0	19	13	6	0.9423	0.9429	0.0006	0.9901	0.9904	-0.0003
2023-11-15T10:09:35	2	0	3	3	0	1.0346	1.0341	-0.0005	0.9992	0.9986	0.0006
2023-11-15T10:09:53	1	0	1	1	0	1.0122	1.0118	-0.0004	-0.9999	-0.9999	0.0000
2023-11-15T10:10:37	1	0	1	1	0	0.9441	0.9447	0.0006	-0.9915	-0.9886	-0.0029
2023-11-15T10:10:38	1	0	1	1	0	1.0138	1.0134	-0.0004	0.988	0.9854	0.0026
2023-11-15T10:12:12	2	0	1	1	0	0.9939	0.9945	0.0006	-0.9795	-0.9793	-0.0002

2023-11-15T10:13:33	1	0	2	2	0	1.0432	1.0430	-0.0002	0.9675	0.9667	0.0008
2023-11-15T10:14:17	1	0	13	13	0	1.0442	1.0441	-0.0001	-0.9976	-0.9978	0.0002
2023-11-15T10:15:29	1	0	6	6	0	1.0479	1.0478	-0.0001	-0.9983	-0.9983	0.0000
2023-11-15T10:15:58	1	0	5	5	0	1.0368	1.0367	-0.0001	-0.9998	-0.9999	0.0001
2023-11-15T10:16:27	1	0	5	5	0	1.0333	1.0333	0.0000	0.9879	0.9877	0.0002
2023-11-15T10:19:47	1	0	3	2	1	1.0611	1.0586	-0.0025	-0.9909	-0.9912	0.0003
2023-11-15T10:19:54	3	0	4	3	1	1.0362	1.0288	-0.0074	0.997	0.997	0.0000
2023-11-15T10:20:16	2	0	1	0	1	1.0327	null	null	0.9912	0.991	0.0002
2023-11-15T10:20:22	2	0	16	16	0	1.0455	1.0454	0.0000	-0.996	-0.9961	0.0001
2023-11-15T10:24:16	2	0	1	0	1	1.0563	null	null	0.9799	0.9799	0.0000
2023-11-15T10:24:36	1	0	3	3	0	1.0483	1.0482	-0.0002	0.9993	0.9988	0.0005
2023-11-15T10:26:45	1	0	12	11	1	1.0525	1.0522	-0.0003	0.9887	0.9887	0.0000
2023-11-15T10:27:38	1	0	26	25	1	1.0487	1.0484	-0.0003	-0.9999	-0.9999	0.0000
2023-11-15T10:27:55	1	0	16	16	0	0.9859	0.9859	0.0000	0.9646	0.9646	0.0000
2023-11-15T10:29:24	1	0	13	13	0	1.0460	1.0460	0.0000	-0.995	-0.995	0.0000
2023-11-15T10:30:37	4	0	15	15	0	1.0490	1.0489	-0.0002	1	1	0.0000
2023-11-15T10:32:08	3	0	55	52	3	1.0535	1.0535	-0.0001	-0.9995	-0.9995	0.0000
2023-11-15T10:33:38	2	0	18	18	0	1.0499	1.0497	-0.0002	-0.9925	-0.9926	0.0001
2023-11-15T10:33:45	1	0	3	3	0	1.0299	1.0297	-0.0002	0.9946	0.9945	0.0001
2023-11-15T10:33:55	9	0	9	9	0	1.0430	1.0423	-0.0007	0.9962	0.9965	-0.0003
2023-11-15T10:34:56	1	0	1	0	1	1.0561	null	null	0.9947	0.9947	0.0000
2023-11-15T10:35:13	1	0	4	4	0	1.0151	1.0149	-0.0003	0.9987	0.9986	0.0001
2023-11-15T10:35:23	3	0	23	23	0	1.0461	1.0458	-0.0003	-0.9971	-0.9972	0.0001
2023-11-15T10:36:34	2	0	5	5	0	1.0524	1.0523	-0.0001	-0.9993	-0.9994	0.0001
2023-11-15T10:37:40	1	0	20	20	0	1.0480	1.0480	-0.0001	-0.9991	-0.9992	0.0001
2023-11-15T10:38:09	1	0	166	163	3	1.0579	1.0579	0.0000	-0.9745	-0.9745	0.0000
2023-11-15T10:39:37	2	0	4	4	0	1.0440	1.0439	0.0000	0.9997	0.999	0.0007
2023-11-15T10:40:13	1	0	10	10	0	1.0501	1.0499	-0.0001	-0.9948	-0.9948	0.0000
2023-11-15T10:42:39	2	0	58	57	1	1.0494	1.0493	-0.0001	-0.9998	-0.9998	0.0000
2023-11-15T10:44:22	3	0	18	15	3	1.0519	1.0506	-0.0014	-1	0.9999	0.0001
2023-11-15T10:44:24	1	0	29	29	0	1.0470	1.0470	0.0000	-0.9968	-0.9968	0.0000
2023-11-15T10:44:43	2	0	14	13	1	1.0532	1.0530	-0.0002	0.9734	0.9733	0.0001
2023-11-15T10:45:07	1	0	104	102	2	1.0502	1.0501	-0.0001	0.9981	0.9981	0.0000
2023-11-15T10:46:39	4	0	2	1	1	1.0459	1.0452	-0.0008	-0.9812	-0.9815	0.0003
2023-11-15T10:47:09	9	0	76	73	3	1.0547	1.0544	-0.0003	-0.9989	-0.999	0.0001
2023-11-15T10:47:22	1	0	1	0	1	1.0558	null	null	0.9761	0.976	0.0001
2023-11-15T10:48:30	1	0	2	2	0	1.0224	1.0221	-0.0003	0.9796	0.9794	0.0002
2023-11-15T10:48:39	2	0	12	10	2	0.9422	0.9423	0.0001	-0.9999	-0.9999	0.0000
2023-11-15T10:48:51	1	0	5	5	0	1.0334	1.0334	-0.0001	-0.9999	-0.9999	0.0000
2023-11-15T10:48:56	1	0	5	5	0	1.0343	1.0342	-0.0001	-0.9903	-0.9903	0.0000
2023-11-15T10:50:02	8	0	367	343	24	0.8690	0.8689	-0.0001	0.8485	0.8498	-0.0013
2023-11-15T10:50:02	1	0	5	5	0	1.0495	1.0495	0.0000	0.9921	0.9919	0.0002
2023-11-15T10:50:21	2	0	19	19	0	1.0492	1.0491	-0.0001	0.9729	0.9725	0.0004
2023-11-15T10:51:50	1	0	2	2	0	1.0379	1.0378	-0.0002	-0.9996	-0.9996	0.0000
2023-11-15T10:51:59	1	0	3	3	0	0.9439	0.9432	-0.0007	0.9853	0.9844	0.0009
2023-11-15T10:53:10	3	0	214	212	2	1.0591	1.0591	0.0000	-0.9699	-0.9698	-0.0001
2023-11-15T10:54:38	2	0	5	5	0	1.0455	1.0451	-0.0003	1	0.9999	0.0001
2023-11-15T10:56:40	1	0	2	2	0	1.0286	1.0283	-0.0003	0.9813	0.9812	0.0001
2023-11-15T10:59:37	1	0	1	1	0	1.0324	1.0318	-0.0006	0.9806	0.9805	0.0001
2023-11-15T11:00:39	4	0	20	20	0	1.0496	1.0495	-0.0001	-0.9997	-0.9998	0.0001
2023-11-15T11:01:21	2	0	1	1	0	1.0307	1.0301	-0.0006	0.9879	0.9871	0.0008
2023-11-15T11:02:03	2	0	17	17	0	1.0214	1.0213	-0.0001	0.9992	0.9993	-0.0001
2023-11-15T11:02:05	2	0	6	6	0	1.0455	1.0466	0.0012	0.9974	0.9972	0.0002
2023-11-15T11:02:10	1	0	74	72	2	1.0566	1.0566	0.0000	-0.9988	-0.9988	0.0000
2023-11-15T11:03:19	1	0	3	3	0	0.9975	0.9974	-0.0001	0.9901	0.9904	-0.0003
2023-11-15T11:03:40	3	0	24	24	0	1.0516	1.0513	-0.0003	-0.9916	-0.9918	0.0002
2023-11-15T11:03:57	1	0	10	10	0	1.0410	1.0409	-0.0002	0.9968	0.9968	0.0000
2023-11-15T11:05:25	2	0	30	28	2	1.0495	1.0497	0.0002	-0.9966	-0.9975	0.0009
2023-11-15T11:07:42	3	0	36	33	3	1.0504	1.0498	-0.0006	-0.9979	-0.9981	0.0002
2023-11-15T11:08:11	2	0	184	181	3	1.0588	1.0588	0.0000	-0.9746	-0.9745	-0.0001
2023-11-15T11:09:24	1	0	7	7	0	1.0511	1.0510	-0.0001	0.9498	0.9489	0.0009
2023-11-15T11:10:15	2	0	13	13	0	1.0470	1.0470	0.0000	-0.9948	-0.995	0.0002
2023-11-15T11:11:40	1	0	2	2	0	1.0755	1.0749	-0.0006	0.9983	0.9982	0.0001
2023-11-15T11:12:41	3	0	56	55	1	1.0488	1.0487	-0.0001	-0.9998	-0.9998	0.0000
2023-11-15T11:12:47	3	0	1	1	0	1.0406	1.0401	-0.0005	0.999	0.999	0.0000
2023-11-15T11:13:16	1	0	30	30	0	1.0485	1.0481	-0.0004	0.9761	0.9759	0.0002
2023-11-15T11:14:24	1	0	12	12	0	1.0501	1.0501	0.0000	-0.9993	-0.9993	0.0000
2023-11-15T11:15:09	2	0	104	102	2	1.0506	1.0505	-0.0001	0.9979	0.9979	0.0000
2023-11-15T11:15:13	3	0	2	2	0	0.9708	0.9703	-0.0006	0.9712	0.9702	0.0010
2023-11-15T11:15:44	7	0	5	5	0	1.0247	1.0245	-0.0003	0.9782	0.9776	0.0006
2023-11-15T11:16:31	1	0	4	4	0	1.0327	1.0327	0.0000	0.9899	0.9896	0.0003
2023-11-15T11:17:04	1	0	17	18	-1	1.0159	1.0152	-0.0006	0.9993	0.9994	-0.0001
2023-11-15T11:17:53	1	0	9	9	0	0.9966	0.9967	0.0001	0.9622	0.9585	0.0037
2023-11-15T11:18:32	1	0	2	2	0	1.0176	1.0173	-0.0004	0.9722	0.9721	0.0001
2023-11-15T11:20:07	5	0	9	8	1	0.9600	0.9472	-0.0128	0.9143	0.9116	0.0027
2023-11-15T11:20:23	1	0	13	12	1	0.9481	0.9486	0.0005	-0.9908	-0.9901	-0.0007
2023-11-15T11:23:12	4	0	239	236	3	1.0598	1.0598	0.0000	-0.9702	-0.9703	0.0001
2023-11-15T11:25:54	1	0	7	7	0	1.0364	1.0364	0.0000	0.9955	0.9954	0.0001
2023-11-15T11:27:35	1	0	3	1	2	1.0567	1.0551	-0.0016	-0.9604	-0.9605	0.0001
2023-11-15T11:28:01	6	0	16	16	0	0.9974	0.9973	-0.0001	0.963	0.9627	0.0003
2023-11-15T11:31:32	3	0	1	1	0	1.0332	1.0332	0.0000	0.9904	0.9901	0.0003
2023-11-15T11:31:38	3	0	1	1	0	1.0583	1.0583	0.0000	0.9907	0.9909	-0.0002
2023-11-15T11:31:42	4	0	1	2	-1	1.0456	1.0454	-0.0002	-0.9785	-0.9784	-0.0001
2023-11-15T11:32:25	1	0	1	1	0	1.0586	1.0585	-0.0001	0.9764	0.9764	0.0000
2023-11-15T11:36:38	2	0	7	7	0	1.0516	1.0516	0.0000	-0.9997	-0.9997	0.0000

2023-11-15T11:37:02	2	0	2	2	0	0.8958	0.8958	0.0000	0.9774	0.9767	0.0007
2023-11-15T11:39:21	2	0	1	0	1	1.0631	null	null	0.9805	0.9804	0.0001
2023-11-15T11:39:45	2	0	5	5	0	1.0586	1.0584	-0.0002	-0.9954	-0.9955	0.0001
2023-11-15T11:40:44	1	0	1	2	-1	1.0027	1.0308	0.0281	0.9919	0.9869	0.0050
2023-11-15T11:41:41	3	0	2	1	1	1.0358	1.0351	-0.0007	0.9895	0.9892	0.0003
2023-11-15T11:41:43	2	0	2	2	0	1.0595	1.0591	-0.0005	0.9857	0.9856	0.0001
2023-11-15T11:42:32	2	0	4	1	3	1.0530	1.0452	-0.0078	0.9979	0.9979	0.0000
2023-11-15T11:42:36	2	0	1	0	1	1.0552	null	null	-0.9635	-0.9633	-0.0002
2023-11-15T11:43:18	2	0	60	60	0	1.0547	1.0546	-0.0001	0.9936	0.9952	-0.0016
2023-11-15T11:46:33	3	0	1	1	0	1.0328	1.0327	-0.0001	0.9835	0.9833	0.0002
2023-11-15T11:46:39	2	0	1	1	0	1.0606	1.0606	0.0000	0.9948	0.995	-0.0002
2023-11-15T11:47:08	2	0	4	4	0	1.0466	1.0466	0.0000	0.9979	0.9979	0.0000
2023-11-15T11:49:00	1	0	1	1	0	1.0324	1.0324	0.0000	-0.9951	-0.9951	0.0000
2023-11-15T11:50:22	2	0	2	2	0	1.0280	1.0274	-0.0006	0.9874	0.9871	0.0003
2023-11-15T11:51:39	2	0	13	13	0	1.0502	1.0502	0.0000	-0.9999	-0.9999	0.0000
2023-11-15T11:58:03	6	0	10	11	-1	1.0375	1.0364	-0.0011	0.9604	0.9604	0.0000
2023-11-15T11:58:19	1	0	52	51	1	1.0543	1.0542	-0.0001	0.9928	0.9912	0.0016
2023-11-15T12:00:16	3	0	2	2	0	1.0157	1.0152	-0.0006	0.9824	0.9823	0.0001
2023-11-15T12:01:34	2	0	1	1	0	1.0310	1.0309	-0.0001	0.9836	0.9833	0.0003
2023-11-15T12:01:41	3	0	1	1	0	1.0630	1.0630	0.0000	0.9939	0.9944	-0.0005
2023-11-15T12:02:09	2	0	4	4	0	1.0463	1.0463	0.0000	0.9972	0.9972	0.0000
2023-11-15T12:02:24	2	0	4	4	0	1.0389	1.0387	-0.0002	0.9852	0.9852	0.0000
2023-11-15T12:05:44	3	0	1	1	0	1.0156	1.0143	-0.0013	0.9979	0.9974	0.0005
2023-11-15T12:06:40	2	0	12	12	0	1.0504	1.0504	0.0000	-1	-1	0.0000
2023-11-15T12:07:04	1	0	3	3	0	0.9453	0.9452	-0.0001	0.9843	0.9842	0.0001
2023-11-15T12:07:39	2	0	13	13	0	1.0443	1.0442	-0.0002	0.9964	0.9964	0.0000
2023-11-15T12:09:47	1	0	7	8	-1	1.0536	1.0539	0.0003	-0.9995	-0.9995	0.0000
2023-11-15T12:11:43	5	0	1	0	1	1.0557	null	null	0.9911	0.9912	-0.0001
2023-11-15T12:17:58	2	0	23	22	1	0.9677	0.9636	-0.0041	0.9606	0.9606	0.0000
2023-11-15T12:18:06	3	0	6	6	0	1.0535	1.0527	-0.0008	0.9668	0.9667	0.0001
2023-11-15T12:19:17	8	0	48	46	2	1.0500	1.0497	-0.0003	0.9958	0.9957	0.0001
2023-11-15T12:25:19	3	0	64	63	1	1.0539	1.0539	0.0000	0.9894	0.9893	0.0001
2023-11-15T12:26:50	3	0	9	9	0	1.0515	1.0515	0.0000	0.9997	0.9997	0.0000
2023-11-15T12:29:37	1	0	38	37	1	1.0482	1.0480	-0.0002	-0.9958	-0.9958	0.0000
2023-11-15T12:31:46	4	0	1	1	0	1.0566	1.0564	-0.0002	-0.9743	-0.9739	-0.0004
2023-11-15T12:46:43	2	0	1	1	0	1.0636	1.0635	-0.0001	0.9959	0.9961	-0.0002
2023-11-15T12:47:27	6	0	29	28	1	1.0497	1.0495	-0.0002	0.9909	0.991	-0.0001
2023-11-15T12:50:05	1	0	10	10	0	1.0451	1.0449	-0.0003	0.9882	0.9883	-0.0001
2023-11-15T12:56:48	1	0	9	10	-1	1.0380	1.0403	0.0023	0.9827	0.9827	0.0000
2023-11-15T12:58:16	1	0	379	379	0	1.0882	1.0882	0.0000	-0.9906	-0.9906	0.0000
2023-11-15T13:03:54	2	0	3	3	0	1.0440	1.0433	-0.0007	0.9272	0.9271	0.0001
2023-11-15T13:04:20	2	0	65	64	1	1.0509	1.0509	0.0001	0.9942	0.9941	0.0001
2023-11-15T13:05:06	1	0	11	10	1	1.0453	1.0442	-0.0012	0.9882	0.9883	-0.0001
2023-11-15T13:15:52	1	0	7	7	0	1.0456	1.0456	0.0000	0.9437	0.9436	0.0001
2023-11-15T13:20:49	1	0	1	1	0	1.0151	1.0147	-0.0004	0.9988	0.9987	0.0001
2023-11-15T13:27:50	1	0	114	113	1	1.0527	1.0527	0.0000	-0.9995	-0.9995	0.0000
2023-11-15T13:30:18	1	0	119	117	2	1.0516	1.0515	-0.0001	0.9982	0.9982	0.0000
2023-11-15T13:32:00	1	0	1	1	0	1.0393	1.0389	-0.0004	0.9997	0.9997	0.0000
2023-11-15T13:32:15	1	0	13	12	1	1.0504	1.0498	-0.0006	0.9972	0.9971	0.0001
2023-11-15T13:35:02	1	0	65	65	0	1.0550	1.0548	-0.0002	-0.9889	-0.9891	0.0002
2023-11-15T13:42:51	1	0	94	93	1	1.0510	1.0509	-0.0001	-0.9997	-0.9997	0.0000
2023-11-15T13:43:19	1	0	380	293	87	1.0927	1.0902	-0.0025	-0.9969	-0.9924	-0.0045
2023-11-15T13:47:31	2	0	32	32	0	1.0512	1.0512	0.0000	0.9887	0.9887	0.0000
2023-11-15T13:47:34	1	0	95	94	1	0.9102	0.9123	0.0020	0.9717	0.972	-0.0003
2023-11-15T13:48:32	1	0	1	1	0	1.0596	1.0593	-0.0003	0.9478	0.9477	0.0001
2023-11-15T13:55:18	2	0	12	11	1	0.9304	0.9292	-0.0012	0.9632	0.9636	-0.0004
2023-11-15T13:57:41	1	0	1	1	0	1.0452	1.0452	0.0000	0.9973	0.9973	0.0000
2023-11-15T14:02:35	1	0	96	95	1	0.9160	0.9162	0.0001	0.9779	0.978	-0.0001
2023-11-15T14:05:10	2	0	12	10	2	1.0459	1.0445	-0.0014	0.9891	0.9892	-0.0001
2023-11-15T14:05:21	8	0	3	4	-1	1.0253	1.0223	-0.0029	0.926	0.9244	0.0016
2023-11-15T14:05:34	3	0	48	47	1	1.0545	1.0545	0.0000	0.9732	0.9732	0.0000
2023-11-15T14:07:12	1	0	25	22	3	0.9311	0.9312	0.0001	0.9739	0.9734	0.0005
2023-11-15T14:08:23	10	0	272	266	6	1.0615	1.0614	-0.0001	-0.9672	-0.9674	0.0002
2023-11-15T14:13:57	3	0	4	5	-1	1.0297	1.0353	0.0056	0.999	0.9991	-0.0001
2023-11-15T14:15:45	3	0	3	3	0	1.0461	1.0461	0.0000	0.9874	0.9875	-0.0001
2023-11-15T14:15:56	9	0	8	9	-1	1.0475	1.0460	-0.0015	0.8976	0.9331	-0.0355
2023-11-15T14:16:23	3	0	3	3	0	1.0348	1.0347	-0.0001	0.9955	0.9954	0.0001
2023-11-15T14:17:14	4	0	4	5	-1	1.0388	1.0422	0.0034	0.9989	0.999	-0.0001
2023-11-15T14:17:36	1	0	3	2	1	1.0572	1.0563	-0.0009	0.9748	0.9745	0.0003
2023-11-15T14:18:44	4	0	10	10	0	0.9898	0.9882	-0.0016	0.9109	0.9102	0.0007
2023-11-15T14:20:11	1	0	5	5	0	1.0482	1.0482	0.0000	0.9854	0.9855	-0.0001
2023-11-15T14:20:22	5	0	2	2	0	1.0181	1.0171	-0.0009	0.9277	0.9257	0.0020
2023-11-15T14:22:13	1	0	5	5	0	0.9243	0.9244	0.0001	0.9845	0.9841	0.0004
2023-11-15T14:22:18	1	0	25	24	1	1.0546	1.0549	0.0004	0.9599	0.9806	-0.0207
2023-11-15T14:23:24	2	0	225	224	1	1.0605	1.0605	0.0000	-0.9736	-0.9735	-0.0001
2023-11-15T14:25:10	1	0	11	10	1	1.0289	1.0304	0.0016	-1	-1	0.0000
2023-11-15T14:25:20	1	0	4	4	0	0.8839	0.8839	0.0000	0.9719	0.9721	-0.0002
2023-11-15T14:27:29	3	0	1	1	0	0.9996	1.0002	0.0006	-0.9494	-0.949	-0.0004
2023-11-15T14:27:47	1	0	82	82	0	1.1322	1.1319	-0.0003	-0.9648	-0.9647	-0.0001
2023-11-15T14:28:00	1	0	1	1	0	1.0391	1.0388	-0.0003	0.9936	0.9934	0.0002
2023-11-15T14:28:58	3	0	4	4	0	1.0303	1.0297	-0.0006	0.9988	0.9987	0.0001
2023-11-15T14:30:34	2	0	124	121	3	1.0520	1.0519	0.0000	0.9987	0.9986	0.0001
2023-11-15T14:30:48	1	0	9	9	0	1.0468	1.0466	-0.0002	0.987	0.987	0.0000
2023-11-15T14:30:57	8	0	4	4	0	1.0421	1.0418	-0.0003	0.9427	0.9432	-0.0005
2023-11-15T14:31:24	2	0	3	3	0	1.0321	1.0320	-0.0001	0.9952	0.9952	0.0000

2023-11-15T14:31:46	3	0	57	56	1	0.9471	0.9477	0.0005	-0.9986	-0.9985	-0.0001
2023-11-15T14:32:19	4	0	3	3	0	1.0403	1.0401	-0.0002	0.9986	0.9986	0.0000
2023-11-15T14:32:24	1	0	69	68	1	1.0545	1.0545	0.0000	-0.9995	-0.9995	0.0000
2023-11-15T14:32:37	1	0	1	1	0	1.0597	1.0595	-0.0002	0.9763	0.9763	0.0000
2023-11-15T14:35:24	5	0	2	2	0	1.0179	1.0172	-0.0008	0.9304	0.9284	0.0020
2023-11-15T14:35:42	1	0	6	6	0	1.0211	1.0210	-0.0001	-0.9996	-0.9996	0.0000
2023-11-15T14:37:14	1	0	22	19	3	0.9402	0.9403	0.0001	0.9738	0.9732	0.0006
2023-11-15T14:37:25	1	0	7	7	0	1.0472	1.0472	0.0000	-0.9937	-0.9936	-0.0001
2023-11-15T14:37:49	3	0	140	132	8	0.9322	0.9328	0.0006	0.9243	0.9243	0.0000
2023-11-15T14:38:21	1	0	18	18	0	1.0322	1.0322	0.0000	0.9984	0.9984	0.0000
2023-11-15T14:40:11	1	0	10	10	0	1.0273	1.0273	0.0000	-0.9999	-0.9999	0.0000
2023-11-15T14:40:21	1	0	7	7	0	0.9143	0.9144	0.0000	0.9723	0.9725	-0.0002
2023-11-15T14:40:28	1	0	47	47	0	1.0511	1.0511	0.0000	0.9834	0.9834	0.0000
2023-11-15T14:40:55	3	0	3	2	1	0.9571	0.9563	-0.0008	-0.9953	-0.9947	-0.0006
2023-11-15T14:41:21	1	0	4	4	0	1.0427	1.0425	-0.0002	0.9911	0.991	0.0001
2023-11-15T14:43:59	3	0	8	9	-1	1.0417	1.0432	0.0015	0.9994	0.9994	0.0000
2023-11-15T14:44:13	1	0	1	1	0	1.0355	1.0352	-0.0003	0.9771	0.9769	0.0002
2023-11-15T14:44:22	2	0	17	16	1	1.0461	1.0461	0.0000	0.9664	0.9663	0.0001
2023-11-15T14:45:49	1	0	4	4	0	1.0455	1.0455	0.0000	0.9861	0.9862	-0.0001
2023-11-15T14:46:25	5	0	5	5	0	1.0350	1.0346	-0.0004	0.9963	0.9961	0.0002
2023-11-15T14:47:20	2	0	11	10	1	1.0451	1.0455	0.0005	0.9955	0.9953	0.0002
2023-11-15T14:48:46	1	0	3	2	1	1.0480	1.0430	-0.0050	0.9845	0.9844	0.0001
2023-11-15T14:50:43	2	0	2	2	0	1.0337	1.0334	-0.0004	-1	-1	0.0000
2023-11-15T14:51:21	1	0	9	9	0	1.0462	1.0461	-0.0001	0.9965	0.9965	0.0000
2023-11-15T14:52:03	1	0	8	8	0	1.0462	1.0461	-0.0001	0.9958	0.9959	-0.0001
2023-11-15T14:54:07	3	0	47	46	1	1.0504	1.0503	-0.0001	-0.9942	-0.9943	0.0001
2023-11-15T14:57:49	1	0	81	81	0	1.0922	1.0797	-0.0125	-0.9677	-0.9677	0.0000
2023-11-15T14:57:58	1	0	158	157	1	1.0533	1.0533	0.0000	-0.999	-0.999	0.0000
2023-11-15T14:58:52	1	0	22	22	0	1.0476	1.0475	0.0000	0.9518	0.9516	0.0002
2023-11-15T15:00:59	7	0	6	6	0	1.0331	1.0330	-0.0002	0.9471	0.9454	0.0017
2023-11-15T15:02:06	3	0	3	3	0	1.0357	1.0353	-0.0004	0.9984	0.9983	0.0001
2023-11-15T15:02:36	2	0	45	44	1	1.0527	1.0526	-0.0001	0.9899	0.9899	0.0000
2023-11-15T15:12:11	2	0	69	68	1	1.0508	1.0507	-0.0001	-0.9996	-0.9996	0.0000
2023-11-15T15:13:03	1	0	1	1	0	1.0272	1.0269	-0.0003	0.9882	0.988	0.0002
2023-11-15T15:14:01	1	0	3	3	0	1.0291	1.0290	-0.0002	0.9985	0.9985	0.0000
2023-11-15T15:14:24	2	0	17	16	1	1.0457	1.0457	0.0000	0.9752	0.9752	0.0000
2023-11-15T15:14:43	1	0	1	1	0	1.0352	1.0352	0.0000	-1	-1	0.0000
2023-11-15T15:16:39	1	0	10	10	0	1.0458	1.0456	-0.0001	-0.9743	-0.9742	-0.0001
2023-11-15T15:17:37	2	0	37	36	1	1.0524	1.0524	-0.0001	0.9879	0.9879	0.0000
2023-11-15T15:20:45	2	0	65	64	1	1.0080	1.0067	-0.0013	-0.9986	-0.9986	0.0000
2023-11-15T15:24:56	1	0	3	3	0	1.0313	1.0311	-0.0002	0.9961	0.9962	-0.0001
2023-11-15T15:28:00	2	0	176	175	1	1.0534	1.0534	0.0000	-0.9988	-0.9988	0.0000
2023-11-15T15:31:54	3	0	2	2	0	1.0453	1.0450	-0.0004	0.9967	0.9961	0.0006
2023-11-15T15:40:07	2	0	9	9	0	0.9832	0.9831	-0.0001	0.9958	0.9959	-0.0001
2023-11-15T15:47:39	1	0	2	2	0	1.0244	1.0242	-0.0002	0.9806	0.9806	0.0000
2023-11-15T17:03:55	1	0	51	48	3	0.9419	0.9432	0.0013	0.9701	0.97	0.0001
2023-11-16T07:51:48	1	0	157	157	0	0.8941	0.8943	0.0002	0.9624	0.9623	0.0001
2023-11-16T07:55:29	1	0	43	43	0	0.9426	0.9427	0.0001	-0.987	-0.9864	-0.0006
2023-11-16T07:59:03	1	0	24	24	0	1.0538	1.0537	-0.0001	-0.9501	-0.9493	-0.0008
2023-11-16T08:04:39	2	0	17	17	0	0.9437	0.9440	0.0002	0.8654	0.8658	-0.0004
2023-11-16T08:06:49	1	0	159	159	0	0.9050	0.9051	0.0000	0.9573	0.9571	0.0002
2023-11-16T08:13:32	2	0	4	4	0	1.0306	1.0303	-0.0003	-0.9878	-0.9878	0.0000
2023-11-16T08:21:42	3	0	95	95	0	1.0626	1.0623	-0.0003	0.9994	0.9993	0.0001
2023-11-16T08:29:16	1	0	14	14	0	1.0479	1.0479	0.0000	0.9999	0.9999	0.0000
2023-11-16T08:31:30	1	0	473	473	0	1.0618	1.0618	0.0000	0.9908	0.9909	-0.0001
2023-11-16T08:33:13	1	0	1	1	0	0.9412	0.9417	0.0005	0.9861	0.9864	-0.0003
2023-11-16T08:56:38	3	0	27	25	2	1.0552	1.0551	-0.0001	0.9998	0.9998	0.0000
2023-11-16T08:58:35	1	0	3	3	0	1.0292	1.0290	-0.0002	-0.9969	-0.9969	0.0000
2023-11-16T09:06:45	3	0	84	80	4	1.0608	1.0600	-0.0008	0.9955	0.9955	0.0000
2023-11-16T09:06:53	1	0	174	174	0	0.8949	0.8950	0.0001	0.9526	0.9525	0.0001
2023-11-16T09:08:03	1	0	150	148	2	1.0570	1.0570	0.0000	-0.9761	-0.976	-0.0001
2023-11-16T09:09:18	2	0	6	6	0	1.0481	1.0479	-0.0002	0.9989	0.9988	0.0001
2023-11-16T09:09:40	2	0	2	2	0	1.0182	1.0182	-0.0001	0.9992	0.9992	0.0000
2023-11-16T09:11:04	1	0	304	303	1	1.0881	1.0881	0.0000	-0.9924	-0.9924	0.0000
2023-11-16T09:14:19	1	0	17	17	0	1.0492	1.0491	-0.0001	1	0.9999	0.0001
2023-11-16T09:15:38	6	0	66	37	29	1.0612	1.0573	-0.0039	0.9732	0.9497	0.0235
2023-11-16T09:20:21	5	0	47	45	2	1.0525	1.0524	-0.0001	-0.9976	-0.9977	0.0001
2023-11-16T09:23:04	1	0	176	174	2	1.0580	1.0580	0.0000	-0.974	-0.9739	-0.0001
2023-11-16T09:24:41	1	0	3	3	0	1.0228	1.0227	-0.0001	0.9975	0.9975	0.0000
2023-11-16T09:30:04	1	0	50	49	1	1.0531	1.0530	0.0000	0.9848	0.9848	0.0000
2023-11-16T09:31:34	1	0	373	372	1	1.0601	1.0601	0.0000	0.9941	0.9941	0.0000
2023-11-16T09:31:50	1	0	68	68	0	1.0527	1.0526	-0.0001	-0.9741	-0.9742	0.0001
2023-11-16T09:32:05	7	0	161	150	11	1.0543	1.0541	-0.0001	-0.9989	-0.9989	0.0000
2023-11-16T09:35:17	1	0	28	28	0	1.0522	1.0521	-0.0001	0.9762	0.9761	0.0001
2023-11-16T09:35:22	5	0	74	69	5	1.0526	1.0523	-0.0003	-0.9974	-0.9975	0.0001
2023-11-16T09:38:05	5	0	309	301	8	1.0605	1.0605	-0.0001	-0.9692	-0.9694	0.0002
2023-11-16T09:45:16	2	0	13	13	0	1.0348	1.0347	-0.0001	0.9991	0.9991	0.0000
2023-11-16T09:45:40	1	0	26	13	13	1.0518	1.0477	-0.0042	0.9928	0.9939	-0.0011
2023-11-16T09:45:40	4	0	2	2	0	0.9374	0.9380	0.0006	0.9927	0.9927	0.0000
2023-11-16T09:45:57	5	0	7	7	0	1.0349	1.0347	-0.0002	-0.9999	-0.9999	0.0000
2023-11-16T09:47:18	4	0	39	39	0	1.0522	1.0522	0.0000	0.9831	0.9831	0.0000
2023-11-16T09:49:54	2	0	3	3	0	1.0417	1.0414	-0.0003	0.9966	0.9974	-0.0008
2023-11-16T09:50:18	1	0	23	23	0	1.0498	1.0497	-0.0001	0.9752	0.9751	0.0001
2023-11-16T09:53:58	1	0	2	2	0	1.0376	1.0374	-0.0002	0.9991	0.9991	0.0000
2023-11-16T09:58:59	1	0	1	1	0	1.0609	1.0606	-0.0003	-0.9377	-0.937	-0.0007

2023-11-16T10:00:41	6	0	2	2	0	1.0387	1.0371	-0.0017	0.9849	0.9825	0.0024
2023-11-16T10:01:40	4	0	1	0	1	1.0450	null	null	-0.9776	-0.9775	-0.0001
2023-11-16T10:02:19	3	0	37	37	0	1.0517	1.0517	0.0000	0.9801	0.9801	0.0000
2023-11-16T10:02:50	1	0	43	43	0	0.9493	0.9495	0.0002	0.9334	0.9333	0.0001
2023-11-16T10:03:39	4	0	2	2	0	1.0329	1.0314	-0.0015	0.9994	0.9994	0.0000
2023-11-16T10:03:39	1	0	23	22	1	1.0516	1.0519	0.0003	0.9976	0.9976	0.0000
2023-11-16T10:05:03	2	0	3	3	0	1.0474	1.0468	-0.0005	-0.7822	-0.783	0.0008
2023-11-16T10:05:19	2	0	36	35	1	1.0537	1.0537	0.0000	0.9756	0.9756	0.0000
2023-11-16T10:05:41	1	0	1	0	1	1.0382	null	null	-0.9989	-0.9989	0.0000
2023-11-16T10:06:49	1	0	1	1	0	1.0202	1.0199	-0.0003	0.9917	0.9917	0.0000
2023-11-16T10:06:57	1	0	146	142	4	0.9264	0.9266	0.0001	0.9488	0.9491	-0.0003
2023-11-16T10:09:44	2	0	3	3	0	1.0387	1.0386	-0.0001	0.9985	0.9985	0.0000
2023-11-16T10:12:14	2	0	1	1	0	0.9973	0.9979	0.0006	-0.9731	-0.9729	-0.0002
2023-11-16T10:13:38	1	0	2	1	1	1.0455	1.0452	-0.0003	0.9638	0.9567	0.0071
2023-11-16T10:13:40	2	0	6	6	0	1.0419	1.0412	-0.0007	-0.9951	-0.9953	0.0002
2023-11-16T10:14:12	1	0	85	78	7	1.0558	1.0556	-0.0002	-0.9915	-0.9917	0.0002
2023-11-16T10:14:32	1	0	1	1	0	1.0398	1.0393	-0.0005	0.9838	0.9837	0.0001
2023-11-16T10:14:43	2	0	14	13	1	1.0529	1.0527	-0.0002	0.9798	0.9798	0.0000
2023-11-16T10:15:15	2	0	1	0	1	1.0575	null	null	0.9896	0.9895	0.0001
2023-11-16T10:16:02	1	0	5	5	0	1.0324	1.0323	-0.0001	-1	-1	0.0000
2023-11-16T10:16:32	2	0	6	6	0	1.0379	1.0378	-0.0001	0.9907	0.9904	0.0003
2023-11-16T10:16:41	3	0	1	0	1	1.0454	null	null	-0.9809	-0.981	0.0001
2023-11-16T10:17:08	3	0	66	64	2	1.0544	1.0542	-0.0001	-0.9994	-0.9994	0.0000
2023-11-16T10:17:20	3	0	44	43	1	1.0534	1.0533	0.0000	0.9827	0.9826	0.0001
2023-11-16T10:18:58	7	0	9	9	0	1.0429	1.0424	-0.0005	0.9952	0.9957	-0.0005
2023-11-16T10:19:48	2	0	19	17	2	1.0513	1.0497	-0.0016	-0.9858	-0.9875	0.0017
2023-11-16T10:20:20	2	0	42	38	4	1.0543	1.0542	0.0000	0.9756	0.9752	0.0004
2023-11-16T10:20:25	6	0	30	28	2	1.0498	1.0508	0.0011	-0.9998	-0.9998	0.0000
2023-11-16T10:20:38	3	0	1	0	1	1.0149	null	null	0.9986	0.9983	0.0003
2023-11-16T10:21:37	2	0	6	6	0	1.0496	1.0495	-0.0001	-0.999	-0.999	0.0000
2023-11-16T10:22:40	1	0	1	1	0	1.0575	1.0572	-0.0003	0.9885	0.9883	0.0002
2023-11-16T10:23:08	1	0	227	225	2	1.0591	1.0591	0.0000	-0.9611	-0.9609	-0.0002
2023-11-16T10:23:22	5	0	1	1	0	0.9433	0.9445	0.0012	0.9833	0.9837	-0.0004
2023-11-16T10:24:41	2	0	1	1	0	1.0562	1.0554	-0.0008	-0.9943	-0.9945	0.0002
2023-11-16T10:24:57	1	0	10	10	0	1.0332	1.0332	-0.0001	0.9991	0.9991	0.0000
2023-11-16T10:25:43	1	0	1	1	0	1.0124	1.0121	-0.0003	0.9942	0.9941	0.0001
2023-11-16T10:28:39	1	0	6	6	0	1.0461	1.0461	0.0000	0.9609	0.9599	0.0010
2023-11-16T10:29:17	2	0	47	46	1	1.0506	1.0504	-0.0002	-0.9953	-0.9956	0.0003
2023-11-16T10:29:34	1	0	3	3	0	1.0276	1.0275	-0.0001	0.9968	0.9967	0.0001
2023-11-16T10:30:08	1	0	42	41	1	1.0510	1.0509	-0.0001	0.9827	0.9827	0.0000
2023-11-16T10:30:43	1	0	2	2	0	1.0321	1.0320	-0.0002	0.9749	0.9743	0.0006
2023-11-16T10:31:05	1	0	7	7	0	1.0360	1.0359	-0.0001	1	1	0.0000
2023-11-16T10:31:50	1	0	1	0	1	1.0382	null	null	0.9999	0.9998	0.0001
2023-11-16T10:32:09	2	0	176	172	4	1.0577	1.0577	0.0000	-0.9986	-0.9986	0.0000
2023-11-16T10:32:21	9	0	83	71	12	1.0547	1.0545	-0.0003	0.9825	0.9823	0.0002
2023-11-16T10:32:52	2	0	19	18	1	0.9849	0.9808	-0.0040	0.9486	0.9486	0.0000
2023-11-16T10:34:45	7	0	17	16	1	1.0493	1.0486	-0.0007	0.9818	0.9808	0.0010
2023-11-16T10:36:52	1	0	2	2	0	1.0275	1.0275	-0.0001	0.9989	0.9988	0.0001
2023-11-16T10:38:09	12	0	390	378	12	1.0618	1.0617	-0.0001	-0.965	-0.9652	0.0002
2023-11-16T10:39:46	3	0	5	5	0	1.0463	1.0457	-0.0006	0.9989	0.9988	0.0001
2023-11-16T10:39:55	2	0	3	3	0	0.9009	0.9010	0.0001	0.9867	0.987	-0.0003
2023-11-16T10:40:17	1	0	75	70	5	1.0541	1.0537	-0.0004	-0.9958	-0.9958	0.0000
2023-11-16T10:41:39	1	0	3	3	0	1.0647	1.0644	-0.0003	-1	-1	0.0000
2023-11-16T10:43:16	1	0	32	31	1	1.0509	1.0507	-0.0002	0.9999	0.9999	0.0000
2023-11-16T10:43:42	6	0	20	16	4	1.0483	1.0454	-0.0029	-0.9944	-0.9946	0.0002
2023-11-16T10:44:25	3	0	12	12	0	1.0490	1.0489	-0.0002	1	1	0.0000
2023-11-16T10:45:09	3	0	62	59	3	1.0541	1.0539	-0.0002	0.9829	0.9829	0.0000
2023-11-16T10:45:44	1	0	2	2	0	1.0355	1.0348	-0.0008	0.9416	0.9713	-0.0297
2023-11-16T10:46:06	2	0	9	9	0	1.0357	1.0356	-0.0001	-0.9998	-0.9998	0.0000
2023-11-16T10:46:34	1	0	6	6	0	1.0410	1.0410	0.0000	0.9905	0.9902	0.0003
2023-11-16T10:46:51	2	0	3	3	0	1.0376	1.0372	-0.0004	0.9998	0.9997	0.0001
2023-11-16T10:47:10	4	0	221	208	13	1.0583	1.0581	-0.0002	-0.9998	-0.9995	-0.0003
2023-11-16T10:48:53	1	0	5	5	0	1.0373	1.0373	-0.0001	-0.9995	-0.9996	0.0001
2023-11-16T10:48:59	2	0	74	74	0	1.0534	1.0536	0.0001	0.9975	0.9975	0.0000
2023-11-16T10:50:01	1	0	4	4	0	1.0462	1.0462	-0.0001	0.9957	0.9955	0.0002
2023-11-16T10:50:22	1	0	35	35	0	1.0536	1.0536	0.0000	0.9747	0.9746	0.0001
2023-11-16T10:53:10	4	0	236	232	4	1.0579	1.0579	0.0000	-0.9729	-0.9729	0.0000
2023-11-16T10:55:18	2	0	48	46	2	1.0531	1.0531	0.0000	-0.9953	-0.9954	0.0001
2023-11-16T10:55:37	2	0	1	0	1	1.0081	null	null	-0.9968	-0.9967	-0.0001
2023-11-16T10:55:54	1	0	1	1	0	1.0327	1.0323	-0.0004	0.9935	0.9935	0.0000
2023-11-16T10:56:44	1	0	3	3	0	1.0342	1.0339	-0.0002	0.9819	0.9818	0.0001
2023-11-16T10:57:41	2	0	56	55	1	1.0490	1.0489	-0.0001	-0.9996	-0.9996	0.0000
2023-11-16T10:58:01	1	0	10	10	0	1.0365	1.0364	-0.0001	0.9621	0.9619	0.0002
2023-11-16T10:58:43	2	0	14	11	3	1.0479	1.0468	-0.0011	-0.9957	-0.9958	0.0001
2023-11-16T10:59:46	1	0	15	14	1	1.0535	1.0527	-0.0008	0.9792	0.979	0.0002
2023-11-16T11:01:07	1	0	9	9	0	1.0341	1.0339	-0.0001	-0.9998	-0.9998	0.0000
2023-11-16T11:01:44	2	0	1	0	1	1.0551	null	null	-0.978	-0.978	0.0000
2023-11-16T11:02:11	2	0	307	308	-1	1.0593	1.0593	0.0000	-0.9992	-0.9992	0.0000
2023-11-16T11:02:57	6	0	11	11	0	1.0305	1.0303	-0.0002	0.9987	0.9986	0.0001
2023-11-16T11:03:33	1	0	1	0	1	0.9446	null	null	0.9506	0.9501	0.0005
2023-11-16T11:03:43	9	0	2	2	0	1.0470	1.0460	-0.0010	-0.9952	-0.9956	0.0004
2023-11-16T11:03:46	1	0	1	1	0	1.0165	1.0162	-0.0003	0.9946	0.9945	0.0001
2023-11-16T11:04:00	1	0	52	45	7	1.0530	1.0527	-0.0003	0.9962	0.9961	0.0001
2023-11-16T11:05:23	2	0	40	37	3	1.0541	1.0540	-0.0001	0.9745	0.974	0.0005
2023-11-16T11:05:28	1	0	13	12	1	1.0502	1.0495	-0.0007	0.9942	0.9942	0.0000

2023-11-16T11:05:28	2	0	40	39	1	1.0534	1.0534	-0.0001	1	1	0.0000
2023-11-16T11:05:41	3	0	1	1	0	1.0173	1.0167	-0.0006	1	0.9999	0.0001
2023-11-16T11:08:11	3	0	225	223	2	1.0583	1.0583	0.0000	-0.9641	-0.9641	0.0000
2023-11-16T11:12:42	1	0	50	49	1	1.0491	1.0489	-0.0001	-0.9996	-0.9996	0.0000
2023-11-16T11:13:44	4	0	20	18	2	1.0469	1.0447	-0.0022	-0.9944	-0.9944	0.0000
2023-11-16T11:14:27	1	0	20	20	0	1.0504	1.0504	0.0000	-1	-1	0.0000
2023-11-16T11:15:34	2	0	8	7	1	1.0474	1.0475	0.0001	0.9961	0.996	0.0001
2023-11-16T11:15:46	1	0	60	60	0	1.0590	1.0565	-0.0025	0.9911	0.971	0.0201
2023-11-16T11:16:08	1	0	7	7	0	1.0367	1.0365	-0.0002	-0.9998	-0.9998	0.0000
2023-11-16T11:16:45	12	0	3	1	2	1.0491	1.0552	0.0061	-0.9774	-0.9781	0.0007
2023-11-16T11:17:27	1	0	1	0	1	1.0553	null	null	0.9766	0.9765	0.0001
2023-11-16T11:18:06	3	0	15	15	0	1.0203	1.0202	-0.0001	0.9976	0.9976	0.0000
2023-11-16T11:18:24	1	0	1	1	0	1.0572	1.0565	-0.0007	0.9496	0.9494	0.0002
2023-11-16T11:18:44	1	0	8	8	0	1.0483	1.0482	-0.0001	-0.9949	-0.9949	0.0000
2023-11-16T11:20:06	4	0	17	17	0	0.9415	0.9414	-0.0001	0.9226	0.9214	0.0012
2023-11-16T11:20:08	3	0	12	7	5	1.0503	1.0498	-0.0004	-0.7636	-0.7656	0.0020
2023-11-16T11:23:20	2	0	234	232	2	1.0587	1.0587	0.0000	-0.9671	-0.9671	0.0000
2023-11-16T11:24:29	1	0	8	8	0	1.0502	1.0501	-0.0001	0.9668	0.9652	0.0016
2023-11-16T11:24:49	5	0	11	11	0	1.0418	1.0411	-0.0006	0.9986	0.9984	0.0002
2023-11-16T11:24:58	1	0	6	6	0	1.0300	1.0299	-0.0001	-0.9988	-0.9989	0.0001
2023-11-16T11:25:39	1	0	1	1	0	1.0058	1.0053	-0.0005	-0.9991	-0.9991	0.0000
2023-11-16T11:28:45	6	0	21	21	0	1.0485	1.0484	-0.0001	-0.9926	-0.9927	0.0001
2023-11-16T11:29:05	1	0	1	2	-1	1.0724	1.0637	-0.0087	-0.9213	-0.9203	-0.0010
2023-11-16T11:30:47	6	0	59	59	0	1.0638	1.0636	-0.0002	0.9246	0.9612	-0.0366
2023-11-16T11:31:37	3	0	1	1	0	1.0272	1.0272	0.0000	0.9851	0.9849	0.0002
2023-11-16T11:31:42	1	0	97	97	0	1.0549	1.0550	0.0000	0.9932	0.9933	-0.0001
2023-11-16T11:32:28	1	0	95	94	1	0.9149	0.9165	0.0016	0.9729	0.9731	-0.0002
2023-11-16T11:33:35	1	0	1	0	1	1.0555	null	null	0.9586	0.9579	0.0007
2023-11-16T11:33:45	1	0	6	6	0	1.0520	1.0520	0.0000	0.999	0.9991	-0.0001
2023-11-16T11:33:45	11	0	4	5	-1	1.0492	1.0485	-0.0007	-0.9936	-0.9935	-0.0001
2023-11-16T11:34:54	2	0	13	13	0	1.0505	1.0505	0.0000	0.9996	0.9996	0.0000
2023-11-16T11:35:07	3	0	28	28	0	0.9423	0.9423	0.0000	0.9222	0.9224	-0.0002
2023-11-16T11:36:42	1	0	13	13	0	1.0500	1.0500	0.0000	-0.9988	-0.9988	0.0000
2023-11-16T11:36:56	5	0	4	5	-1	1.0449	1.0471	0.0022	0.9994	0.9995	-0.0001
2023-11-16T11:38:29	2	0	5	4	1	1.0549	1.0525	-0.0025	0.9988	0.9987	0.0001
2023-11-16T11:40:00	1	0	4	4	0	1.0321	1.0321	0.0000	-0.9978	-0.9977	-0.0001
2023-11-16T11:42:39	1	0	32	25	7	1.0589	1.0575	-0.0014	-0.9783	-0.9829	0.0046
2023-11-16T11:45:38	1	0	2	2	0	1.0523	1.0523	0.0000	0.9967	0.9968	-0.0001
2023-11-16T11:45:48	5	0	66	66	0	1.0634	1.0611	-0.0023	0.9407	0.941	-0.0003
2023-11-16T11:46:18	10	0	7	8	-1	1.0345	1.0332	-0.0014	-0.9997	-0.9996	-0.0001
2023-11-16T11:46:38	3	0	2	2	0	1.0324	1.0322	-0.0001	0.9815	0.9814	0.0001
2023-11-16T11:46:47	11	0	1	1	0	1.0553	1.0550	-0.0003	-0.9758	-0.9756	-0.0002
2023-11-16T11:48:36	1	0	1	1	0	1.0560	1.0560	0.0000	0.9555	0.9549	0.0006
2023-11-16T11:49:55	2	0	13	13	0	1.0497	1.0497	0.0000	0.9997	0.9998	-0.0001
2023-11-16T11:50:05	1	0	13	13	0	1.0440	1.0440	0.0000	0.9938	0.9939	-0.0001
2023-11-16T11:51:43	1	0	8	8	0	1.0486	1.0486	0.0000	-0.9996	-0.9996	0.0000
2023-11-16T11:55:00	1	0	4	4	0	1.0292	1.0292	0.0000	-0.9985	-0.9985	0.0000
2023-11-16T11:57:40	1	0	1	1	0	1.0561	1.0561	0.0000	-0.9778	-0.9777	-0.0001
2023-11-16T11:58:21	1	0	37	37	0	1.0524	1.0524	0.0000	-1	-1	0.0000
2023-11-16T12:01:39	3	0	1	1	0	1.0302	1.0301	-0.0001	0.9829	0.9827	0.0002
2023-11-16T12:03:37	1	0	1	1	0	1.0590	1.0590	0.0000	0.9505	0.9499	0.0006
2023-11-16T12:03:47	11	0	54	53	1	0.9333	0.9342	0.0009	0.9996	0.9996	0.0000
2023-11-16T12:03:47	1	0	9	9	0	1.0514	1.0514	0.0000	0.9992	0.9992	0.0000
2023-11-16T12:04:56	2	0	14	15	-1	1.0517	1.0519	0.0002	0.9988	0.999	-0.0002
2023-11-16T12:05:06	2	0	59	58	1	1.0553	1.0552	-0.0001	0.9974	0.9974	0.0000
2023-11-16T12:05:09	5	0	301	301	0	0.8660	0.8663	0.0003	0.8639	0.8644	-0.0005
2023-11-16T12:05:22	1	0	27	26	1	1.0497	1.0494	-0.0003	-0.9959	-0.9959	0.0000
2023-11-16T12:06:44	1	0	14	14	0	1.0491	1.0491	0.0000	-0.9987	-0.9987	0.0000
2023-11-16T12:06:58	5	0	3	5	-2	1.0405	1.0477	0.0072	0.9995	0.9995	0.0000
2023-11-16T12:08:13	1	0	21	21	0	1.0313	1.0313	0.0000	0.9983	0.9984	-0.0001
2023-11-16T12:11:44	2	0	1	0	1	1.0552	null	null	0.9952	0.9952	0.0000
2023-11-16T12:12:41	1	0	1	1	0	1.0577	1.0577	0.0000	-0.9713	-0.9712	-0.0001
2023-11-16T12:18:38	1	0	2	1	1	1.0565	1.0556	-0.0009	0.9546	0.954	0.0006
2023-11-16T12:19:24	1	0	23	22	1	1.0550	1.0549	-0.0001	0.9972	0.9972	0.0000
2023-11-16T12:25:02	1	0	7	7	0	1.0330	1.0330	0.0000	-0.9969	-0.9969	0.0000
2023-11-16T12:31:50	10	0	2	2	0	1.0571	1.0509	-0.0062	-0.9749	-0.9744	-0.0005
2023-11-16T12:33:54	1	0	4	3	1	1.0419	1.0361	-0.0058	0.9276	0.9275	0.0001
2023-11-16T12:45:52	4	0	3	3	0	1.0363	1.0360	-0.0003	0.9685	0.9687	-0.0002
2023-11-16T12:48:11	1	0	4	3	1	1.0518	1.0500	-0.0018	0.9685	0.9685	0.0000
2023-11-16T12:52:01	5	0	2	2	0	1.0356	1.0356	0.0000	0.9996	0.9996	0.0000
2023-11-16T12:59:48	1	0	15	15	0	1.0455	1.0454	-0.0001	0.9985	0.9985	0.0000
2023-11-16T13:03:51	11	0	266	264	2	0.8947	0.8957	0.0010	0.9973	0.9973	0.0000
2023-11-16T13:05:10	1	0	8	8	0	1.0505	1.0505	0.0000	0.9991	0.9992	-0.0001
2023-11-16T13:06:37	1	0	2	2	0	1.0254	1.0255	0.0001	0.9996	0.9996	0.0000
2023-11-16T13:31:34	2	0	21	20	1	1.0562	1.0558	-0.0004	0.9968	0.9968	0.0000
2023-11-16T13:33:53	1	0	52	52	0	0.9353	0.9356	0.0003	0.9978	0.9978	0.0000
2023-11-16T13:35:38	3	0	8	8	0	1.0500	1.0489	-0.0010	1	1	0.0000
2023-11-16T13:46:26	6	0	1	1	0	1.0277	1.0276	-0.0001	0.9998	0.9998	0.0000
2023-11-16T13:46:55	2	0	3	3	0	1.0525	1.0524	-0.0001	-0.9705	-0.9705	0.0000
2023-11-16T13:48:44	3	0	1	1	0	0.9744	0.9754	0.0010	0.9426	0.9421	0.0005
2023-11-16T13:57:48	1	0	71	70	1	1.0613	1.0610	-0.0003	-0.9751	-0.9819	0.0068
2023-11-16T13:58:55	5	0	12	14	-2	1.0463	1.0467	0.0004	-0.991	-0.9904	-0.0006
2023-11-16T14:00:57	2	0	6	6	0	1.0419	1.0416	-0.0003	0.9721	0.9709	0.0012
2023-11-16T14:01:32	1	0	1	1	0	1.0282	1.0282	0.0000	-1	-1	0.0000
2023-11-16T14:02:50	3	0	68	67	1	1.0580	1.0577	-0.0003	0.9998	0.9998	0.0000

2023-11-16T14:03:16	4	0	6	4	2	1.0533	1.0514	-0.0020	0.9671	0.9662	0.0009
2023-11-16T14:03:55	1	0	133	130	3	0.9261	0.9262	0.0001	0.9799	0.9799	0.0000
2023-11-16T14:05:06	1	0	25	25	0	1.0534	1.0533	-0.0001	-0.9919	-0.992	0.0001
2023-11-16T14:05:17	1	0	1	1	0	1.0567	1.0565	-0.0002	0.9357	0.9356	0.0001
2023-11-16T14:06:41	1	0	2	2	0	1.0497	1.0497	0.0000	-0.9997	-0.9997	0.0000
2023-11-16T14:08:39	1	0	3	3	0	0.8762	0.8762	0.0000	0.9861	0.9864	-0.0003
2023-11-16T14:10:18	8	0	9	10	-1	1.0546	1.0539	-0.0006	0.9989	0.9989	0.0000
2023-11-16T14:10:58	1	0	3	3	0	1.0294	1.0290	-0.0004	0.9524	0.9577	-0.0053
2023-11-16T14:11:07	1	0	3	3	0	1.0366	1.0366	0.0000	0.9973	0.9973	0.0000
2023-11-16T14:11:58	1	0	1	1	0	1.0569	1.0564	-0.0005	0.9792	0.9791	0.0001
2023-11-16T14:12:07	4	0	2	2	0	1.0476	1.0462	-0.0014	0.9938	0.9933	0.0005
2023-11-16T14:12:49	1	0	80	80	0	1.0852	1.0847	-0.0005	-0.9741	-0.9741	0.0000
2023-11-16T14:13:56	3	0	21	21	0	1.0468	1.0465	-0.0003	-0.9897	-0.9899	0.0002
2023-11-16T14:14:16	1	0	2	1	1	1.0689	1.0662	-0.0027	-0.9084	-0.9067	-0.0017
2023-11-16T14:15:58	1	0	4	4	0	1.0316	1.0314	-0.0002	0.9701	0.9694	0.0007
2023-11-16T14:16:57	4	0	4	3	1	1.0488	1.0496	0.0008	-0.9733	-0.9735	0.0002
2023-11-16T14:17:39	1	0	2	1	1	1.0605	1.0569	-0.0036	0.9768	0.9764	0.0004
2023-11-16T14:17:51	5	0	18	14	4	1.0542	1.0530	-0.0012	0.9998	0.9998	0.0000
2023-11-16T14:18:46	2	0	2	2	0	0.9717	0.9722	0.0005	0.9386	0.9379	0.0007
2023-11-16T14:18:56	1	0	5	5	0	1.0461	1.0460	-0.0001	0.9986	0.9987	-0.0001
2023-11-16T14:20:07	1	0	85	84	1	1.0558	1.0557	-0.0001	-0.9898	-0.99	0.0002
2023-11-16T14:20:31	4	0	25	25	0	1.0482	1.0481	-0.0001	-0.9842	-0.9847	0.0005
2023-11-16T14:22:55	1	0	22	22	0	1.0462	1.0461	0.0000	-0.9985	-0.9985	0.0000
2023-11-16T14:23:40	1	0	3	3	0	0.8795	0.8795	0.0000	0.9914	0.9916	-0.0002
2023-11-16T14:25:19	4	0	10	10	0	1.0525	1.0524	-0.0001	0.9987	0.9992	-0.0005
2023-11-16T14:25:59	1	0	1	1	0	1.0188	1.0187	-0.0001	0.9513	0.9508	0.0005
2023-11-16T14:28:15	4	0	10	10	0	1.0382	1.0382	-0.0001	0.9572	0.9568	0.0004
2023-11-16T14:28:57	3	0	6	6	0	1.0439	1.0437	-0.0002	-0.9918	-0.9919	0.0001
2023-11-16T14:29:17	1	0	1	1	0	1.0716	1.0715	-0.0001	-0.8943	-0.8929	-0.0014
2023-11-16T14:29:33	1	0	33	33	0	1.0494	1.0494	0.0000	-0.9893	-0.9897	0.0004
2023-11-16T14:31:59	10	0	4	3	1	1.0482	1.0485	0.0003	-0.9707	-0.9714	0.0007
2023-11-16T14:32:52	5	0	3	3	0	1.0418	1.0416	-0.0002	1	1	0.0000
2023-11-16T14:33:47	1	0	1	1	0	1.0573	1.0569	-0.0004	0.9552	0.9542	0.0010
2023-11-16T14:33:57	4	0	2	2	0	1.0347	1.0336	-0.0011	0.9975	0.9973	0.0002
2023-11-16T14:35:01	1	0	10	10	0	1.0479	1.0478	0.0000	0.9849	0.9849	0.0000
2023-11-16T14:35:13	1	0	3	3	0	1.0347	1.0346	-0.0001	0.9811	0.981	0.0001
2023-11-16T14:35:19	2	0	18	17	1	0.9524	0.9462	-0.0061	0.9152	0.9148	0.0004
2023-11-16T14:35:32	1	0	13	13	0	1.0465	1.0465	0.0000	-0.9997	-0.9997	0.0000
2023-11-16T14:35:44	1	0	6	6	0	1.0035	1.0034	-0.0002	-0.9987	-0.9988	0.0001
2023-11-16T14:35:59	1	0	2	2	0	1.0437	1.0433	-0.0004	-0.9937	-0.9951	0.0014
2023-11-16T14:37:56	1	0	23	23	0	1.0445	1.0445	0.0000	-0.9994	-0.9994	0.0000
2023-11-16T14:38:41	1	0	3	3	0	0.8805	0.8806	0.0000	0.9901	0.9903	-0.0002
2023-11-16T14:41:09	1	0	5	5	0	1.0381	1.0381	0.0000	0.9977	0.9978	-0.0001
2023-11-16T14:43:58	3	0	6	6	0	1.0433	1.0432	-0.0001	-0.9933	-0.9933	0.0000
2023-11-16T14:44:18	1	0	2	2	0	1.0666	1.0666	0.0000	-0.9078	-0.9066	-0.0012
2023-11-16T14:46:00	1	0	27	18	9	1.0530	1.0516	-0.0014	0.991	0.9913	-0.0003
2023-11-16T14:46:39	2	0	30	29	1	1.0588	1.0584	-0.0003	0.9977	0.9976	0.0001
2023-11-16T14:47:36	2	0	1	1	0	1.0171	1.0158	-0.0013	0.9764	0.9763	0.0001
2023-11-16T14:47:41	1	0	1	1	0	1.0567	1.0565	-0.0002	0.9687	0.9685	0.0002
2023-11-16T14:54:12	3	0	1	1	0	1.0385	1.0374	-0.0011	0.9982	0.998	0.0002
2023-11-16T14:55:21	5	0	5	5	0	1.0406	1.0405	0.0000	0.9988	0.9988	0.0000
2023-11-16T14:56:01	1	0	2	2	0	1.0283	1.0283	-0.0001	0.958	0.9575	0.0005
2023-11-16T14:57:52	2	0	2	2	0	1.0567	1.0563	-0.0004	-0.9761	-0.9761	0.0000
2023-11-16T15:00:05	1	0	1	1	0	1.0271	1.0266	-0.0005	0.9868	0.9867	0.0001
2023-11-16T15:05:46	4	0	7	7	0	0.9694	0.9693	-0.0001	-1	-1	0.0000
2023-11-16T15:10:22	1	0	4	4	0	1.0368	1.0366	-0.0002	0.9969	0.9958	0.0011
2023-11-16T15:12:45	1	0	13	12	1	1.0546	1.0554	0.0007	-0.9996	-0.9996	0.0000
2023-11-16T15:13:38	1	0	7	7	0	1.0176	1.0175	0.0000	-0.9708	-0.9709	0.0001
2023-11-16T15:24:14	1	0	4	4	0	1.0398	1.0398	0.0000	0.9996	0.9996	0.0000
2023-11-16T15:28:38	1	0	3	3	0	1.0317	1.0315	-0.0002	0.989	0.9889	0.0001
2023-11-16T15:31:03	1	0	2	2	0	1.0371	1.0368	-0.0003	0.9815	0.9816	-0.0001
2023-11-16T15:39:15	1	0	2	2	0	1.0396	1.0395	-0.0001	0.9996	0.9996	0.0000
2023-11-16T15:57:24	1	0	3	3	0	1.0425	1.0424	-0.0001	-0.9503	-0.9503	0.0000
2023-11-16T16:03:53	1	0	9	9	0	0.9509	0.9510	0.0000	0.9632	0.9633	-0.0001
2023-11-16T16:07:50	1	0	6	6	0	1.0414	1.0414	0.0000	0.9735	0.9735	0.0000
2023-11-16T16:07:54	2	0	20	18	2	1.0420	1.0428	0.0008	0.9934	0.9933	0.0001
2023-11-16T16:31:05	2	0	47	47	0	0.9321	0.9321	0.0000	0.9993	0.9993	0.0000
2023-11-16T16:35:46	2	0	1	0	1	0.9449	null	null	-0.9828	-0.9823	-0.0005
2023-11-16T17:05:48	2	0	18	11	7	0.9434	0.9432	-0.0002	-0.9721	-0.9711	-0.0010
2023-11-16T17:35:31	1	0	301	301	0	0.8720	0.8720	0.0000	0.8726	0.8724	0.0002
2023-11-17T07:49:52	1	0	160	160	0	0.9141	0.9142	0.0001	0.9345	0.9345	0.0000
2023-11-17T07:51:41	1	0	68	68	0	1.0561	1.0561	-0.0001	0.9997	0.9997	0.0000
2023-11-17T07:51:49	1	0	247	247	0	0.8979	0.8982	0.0002	0.9506	0.9504	0.0002
2023-11-17T08:03:44	1	0	165	165	0	1.0596	1.0596	0.0000	0.9941	0.9941	0.0000
2023-11-17T08:04:41	2	0	14	11	3	0.9468	0.9474	0.0007	0.8626	0.8629	-0.0003
2023-11-17T08:06:42	2	0	132	131	1	1.0688	1.0687	-0.0001	0.9999	0.9999	0.0000
2023-11-17T08:13:33	2	0	4	4	0	1.0306	1.0303	-0.0003	-0.9856	-0.9856	0.0000
2023-11-17T08:29:04	2	0	21	20	1	1.0516	1.0513	-0.0002	-0.9342	-0.9334	-0.0008
2023-11-17T08:31:31	1	0	212	212	0	1.0569	1.0569	0.0000	0.99	0.99	0.0000
2023-11-17T08:34:43	1	0	12	11	1	1.0490	1.0484	-0.0006	-0.9958	-0.9958	0.0000
2023-11-17T08:40:08	1	0	76	73	3	1.0556	1.0555	0.0000	0.9996	0.9996	0.0000
2023-11-17T08:44:17	1	0	13	12	1	1.0479	1.0482	0.0002	1	1	0.0000
2023-11-17T08:55:34	2	0	1	1	0	1.0305	1.0290	-0.0015	-0.9788	-0.9787	-0.0001
2023-11-17T08:58:36	1	0	1	1	0	1.0279	1.0276	-0.0003	-0.9969	-0.9969	0.0000
2023-11-17T08:59:06	1	0	46	44	2	1.0528	1.0527	-0.0001	-0.9191	-0.9191	0.0000

2023-11-17T09:06:54	3	0	171	172	-1	0.9102	0.9105	0.0003	0.9508	0.9506	0.0002
2023-11-17T09:08:04	5	0	279	276	3	1.0613	1.0608	-0.0004	-0.9667	-0.9668	0.0001
2023-11-17T09:12:34	1	0	91	90	1	1.0527	1.0526	0.0000	-0.9656	-0.9656	0.0000
2023-11-17T09:14:19	1	0	13	13	0	1.0497	1.0496	-0.0001	0.9978	0.9978	0.0000
2023-11-17T09:15:56	1	0	6	6	0	1.0321	1.0321	0.0000	-0.9986	-0.9986	0.0000
2023-11-17T09:16:34	1	0	441	439	2	1.0605	1.0605	0.0000	0.992	0.992	0.0000
2023-11-17T09:18:49	1	0	26	26	0	1.0522	1.0521	-0.0001	0.9762	0.9761	0.0001
2023-11-17T09:19:46	1	0	25	24	1	0.9422	0.9421	-0.0001	0.8552	0.8554	-0.0002
2023-11-17T09:19:58	2	0	250	245	5	0.9070	0.9073	0.0002	0.8816	0.8818	-0.0002
2023-11-17T09:21:24	1	0	46	45	1	1.0550	1.0546	-0.0004	0.9995	0.9995	0.0000
2023-11-17T09:24:18	2	0	4	4	0	1.0478	1.0474	-0.0004	0.9846	0.9842	0.0004
2023-11-17T09:33:37	3	0	19	14	5	1.0514	1.0500	-0.0014	-0.9819	-0.982	0.0001
2023-11-17T09:33:54	1	0	6	6	0	1.0445	1.0442	-0.0003	0.9976	0.9975	0.0001
2023-11-17T09:35:00	3	0	318	314	4	0.8551	0.8551	0.0000	0.8486	0.8489	-0.0003
2023-11-17T09:35:22	9	0	20	16	4	1.0470	1.0459	-0.0012	-0.9955	-0.9967	0.0012
2023-11-17T09:36:48	3	0	2	2	0	1.0307	1.0241	-0.0066	0.9993	0.9993	0.0000
2023-11-17T09:38:06	1	0	197	195	2	1.0586	1.0586	0.0000	-0.9665	-0.9664	-0.0001
2023-11-17T09:40:33	2	0	1	0	1	1.0062	null	null	-0.9976	-0.9976	0.0000
2023-11-17T09:40:39	1	0	7	7	0	1.0276	1.0275	-0.0001	0.9992	0.9992	0.0000
2023-11-17T09:41:34	7	0	2	1	1	1.0290	1.0283	-0.0008	0.9941	0.9939	0.0002
2023-11-17T09:43:58	1	0	1	1	0	1.0563	1.0560	-0.0003	-0.9234	-0.9227	-0.0007
2023-11-17T09:44:21	3	0	19	16	3	1.0510	1.0500	-0.0009	0.9984	0.9984	0.0000
2023-11-17T09:45:43	1	0	2	2	0	1.0259	1.0258	-0.0001	0.9991	0.999	0.0001
2023-11-17T09:46:38	3	0	2	1	1	1.0457	1.0455	-0.0002	-0.9744	-0.9745	0.0001
2023-11-17T09:47:19	1	0	28	27	1	1.0526	1.0524	-0.0002	0.974	0.974	0.0000
2023-11-17T09:48:38	1	0	1	1	0	0.9439	0.9443	0.0004	-0.9986	-0.9986	0.0000
2023-11-17T09:50:20	2	0	2	1	1	0.9525	0.9599	0.0075	-0.9904	-0.9903	-0.0001
2023-11-17T09:51:26	1	0	53	52	1	1.0549	1.0549	0.0000	0.9996	0.9996	0.0000
2023-11-17T09:51:47	1	0	1	0	1	0.9448	null	null	-0.9995	-0.9995	0.0000
2023-11-17T09:51:57	3	0	111	110	1	0.9361	0.9289	-0.0072	0.9591	0.9589	0.0002
2023-11-17T09:55:34	1	0	1	1	0	1.0076	1.0064	-0.0012	-0.9995	-0.9995	0.0000
2023-11-17T09:57:37	1	0	73	71	2	1.0505	1.0503	-0.0002	-0.966	-0.9661	0.0001
2023-11-17T09:59:22	3	0	15	14	1	1.0495	1.0489	-0.0006	0.9985	0.9984	0.0001
2023-11-17T09:59:43	1	0	15	14	1	1.0532	1.0530	-0.0002	0.9701	0.9701	0.0000
2023-11-17T10:00:12	2	0	1	0	1	1.0581	null	null	0.9815	0.9815	0.0000
2023-11-17T10:00:44	1	0	2	2	0	1.0260	1.0259	-0.0002	0.999	0.9989	0.0001
2023-11-17T10:01:01	6	0	4	4	0	1.0262	1.0258	-0.0005	-0.9982	-0.9983	0.0001
2023-11-17T10:01:36	3	0	1	1	0	1.0358	1.0350	-0.0008	0.9844	0.9955	-0.0111
2023-11-17T10:02:15	2	0	41	39	2	1.0508	1.0508	0.0000	0.9996	0.9996	0.0000
2023-11-17T10:02:20	10	0	46	43	3	1.0544	1.0542	-0.0002	0.9729	0.9728	0.0001
2023-11-17T10:03:52	2	0	40	39	1	1.0546	1.0546	0.0000	0.9764	0.9763	0.0001
2023-11-17T10:04:49	1	0	11	11	0	1.0480	1.0480	0.0000	0.9973	0.997	0.0003
2023-11-17T10:04:58	2	0	2	2	0	1.0414	1.0410	-0.0004	0.9841	0.9839	0.0002
2023-11-17T10:05:24	4	0	29	27	2	1.0513	1.0511	-0.0002	-0.9979	-0.9986	0.0007
2023-11-17T10:06:31	1	0	2	2	0	1.0492	1.0487	-0.0006	-0.9994	-0.9994	0.0000
2023-11-17T10:06:50	1	0	3	3	0	1.0388	1.0387	-0.0001	0.9994	0.9994	0.0000
2023-11-17T10:08:06	1	0	3	3	0	1.0324	1.0324	0.0000	0.9987	0.9987	0.0000
2023-11-17T10:08:08	5	0	277	272	5	1.0605	1.0605	0.0000	-0.9641	-0.9641	0.0000
2023-11-17T10:09:53	4	0	2	2	0	1.0424	1.0419	-0.0005	0.9991	0.9991	0.0000
2023-11-17T10:10:05	2	0	3	3	0	0.8773	0.8774	0.0001	0.9838	0.984	-0.0002
2023-11-17T10:10:39	1	0	1	0	1	0.9651	null	null	-0.9903	-0.9876	-0.0027
2023-11-17T10:13:41	2	0	2	2	0	1.0306	1.0288	-0.0019	-0.994	-0.9942	0.0002
2023-11-17T10:14:19	1	0	39	39	0	1.0484	1.0484	0.0000	-0.9917	-0.9918	0.0001
2023-11-17T10:14:44	2	0	19	17	2	1.0531	1.0528	-0.0004	0.9697	0.9696	0.0001
2023-11-17T10:15:08	1	0	48	47	1	1.0508	1.0507	-0.0001	0.9831	0.9831	0.0000
2023-11-17T10:16:02	1	0	6	6	0	1.0332	1.0330	-0.0001	-0.9985	-0.9985	0.0000
2023-11-17T10:16:34	2	0	63	61	2	0.9391	0.9394	0.0003	0.9979	0.998	-0.0001
2023-11-17T10:17:02	1	0	12	12	0	1.0362	1.0361	-0.0001	0.9895	0.9894	0.0001
2023-11-17T10:17:16	1	0	28	28	0	1.0499	1.0498	-0.0001	0.9997	0.9997	0.0000
2023-11-17T10:18:20	1	0	5	5	0	1.0089	1.0087	-0.0002	0.9916	0.9917	-0.0001
2023-11-17T10:18:53	2	0	50	49	1	1.0560	1.0559	-0.0001	0.9754	0.975	0.0004
2023-11-17T10:18:57	4	0	30	22	8	1.0498	1.0482	-0.0016	0.9965	0.9964	0.0001
2023-11-17T10:19:50	1	0	15	14	1	1.0510	1.0502	-0.0008	-0.9944	-0.9946	0.0002
2023-11-17T10:20:15	1	0	1	1	0	1.0339	1.0334	-0.0005	0.9992	0.9992	0.0000
2023-11-17T10:21:49	1	0	1	0	1	0.9444	null	null	-0.9997	-0.9997	0.0000
2023-11-17T10:25:40	1	0	2	2	0	0.9552	0.9557	0.0004	-0.9913	-0.9911	-0.0002
2023-11-17T10:25:51	1	0	2	2	0	1.0244	1.0243	-0.0001	0.9894	0.9893	0.0001
2023-11-17T10:29:39	1	0	5	5	0	1.0396	1.0395	-0.0002	0.9993	0.9993	0.0000
2023-11-17T10:29:45	1	0	17	15	2	1.0521	1.0515	-0.0005	0.9678	0.9676	0.0002
2023-11-17T10:30:42	2	0	1	2	-1	0.9703	0.9581	-0.0123	0.9964	0.9965	-0.0001
2023-11-17T10:33:34	3	0	2	1	1	0.9690	0.9704	0.0014	0.9547	0.9551	-0.0004
2023-11-17T10:33:48	1	0	1	1	0	1.0180	1.0177	-0.0003	0.995	0.995	0.0000
2023-11-17T10:34:46	3	0	8	7	1	1.0464	1.0462	-0.0003	0.9844	0.9838	0.0006
2023-11-17T10:36:50	1	0	1	1	0	0.9405	0.9411	0.0006	-0.9999	-0.9999	0.0000
2023-11-17T10:36:52	1	0	2	2	0	1.0260	1.0258	-0.0002	0.9994	0.9994	0.0000
2023-11-17T10:37:00	1	0	114	114	0	0.9119	0.9119	0.0001	0.9619	0.9615	0.0004
2023-11-17T10:44:35	1	0	1	1	0	1.0361	1.0356	-0.0005	0.9842	0.9841	0.0001
2023-11-17T10:45:43	3	0	1	0	1	0.9752	null	null	0.9975	0.9976	-0.0001
2023-11-17T10:46:42	1	0	2	1	1	1.0453	1.0453	0.0000	-0.9676	-0.9677	0.0001
2023-11-17T10:48:03	1	0	7	6	1	1.0519	1.0506	-0.0012	0.9702	0.9701	0.0001
2023-11-17T10:48:53	1	0	1	1	0	1.0326	1.0323	-0.0003	-0.9992	-0.9992	0.0000
2023-11-17T10:48:55	1	0	46	45	1	1.0552	1.0548	-0.0005	0.9747	0.9746	0.0001
2023-11-17T10:48:59	1	0	62	62	0	1.0534	1.0534	0.0000	0.9966	0.9966	0.0000
2023-11-17T10:50:05	3	0	1	0	1	1.0564	null	null	0.9259	0.9259	0.0000
2023-11-17T10:52:36	1	0	18	19	-1	1.0505	1.0508	0.0002	0.9975	0.9975	0.0000

2023-11-17T10:57:35	1	0	3	0	3	1.0495	null	null	-0.9467	-0.9566	0.0099
2023-11-17T10:58:38	1	0	1	0	1	1.0283	null	null	0.9965	0.9965	0.0000
2023-11-17T11:01:43	7	0	3	2	1	1.0467	1.0460	-0.0007	-0.965	-0.9655	0.0005
2023-11-17T11:02:20	3	0	17	16	1	1.0502	1.0497	-0.0004	0.9996	0.9996	0.0000
2023-11-17T11:02:25	1	0	1	1	0	1.0562	1.0551	-0.0011	0.9519	0.9517	0.0002
2023-11-17T11:02:53	1	0	8	8	0	0.9986	0.9987	0.0002	0.9551	0.955	0.0001
2023-11-17T11:03:36	2	0	1	1	0	1.0570	1.0550	-0.0020	0.9713	0.9709	0.0004
2023-11-17T11:03:56	2	0	40	37	3	1.0541	1.0540	-0.0001	0.9746	0.9743	0.0003
2023-11-17T11:04:01	4	0	25	25	0	1.0483	1.0482	-0.0001	0.9974	0.9973	0.0001
2023-11-17T11:05:25	3	0	2	2	0	0.9491	0.9503	0.0012	-0.9821	-0.9811	-0.0010
2023-11-17T11:05:28	4	0	20	20	0	1.0463	1.0461	-0.0002	-0.9967	-0.9968	0.0001
2023-11-17T11:05:30	1	0	8	7	1	1.0472	1.0458	-0.0014	0.994	0.994	0.0000
2023-11-17T11:06:35	1	0	4	4	0	1.0142	1.0143	0.0001	0.9993	0.9993	0.0000
2023-11-17T11:09:25	1	0	23	21	2	1.0528	1.0526	-0.0002	-0.9271	-0.9276	0.0005
2023-11-17T11:09:45	3	0	1	1	0	1.0569	1.0560	-0.0009	-0.9914	-0.9918	0.0004
2023-11-17T11:11:44	1	0	1	1	0	1.0572	1.0562	-0.0010	-0.9993	-0.9993	0.0000
2023-11-17T11:12:39	1	0	1	1	0	1.0438	1.0435	-0.0003	-0.9733	-0.9733	0.0000
2023-11-17T11:13:17	1	0	28	27	1	1.0490	1.0487	-0.0003	0.9994	0.9994	0.0000
2023-11-17T11:14:49	2	0	31	30	1	1.0548	1.0547	-0.0001	0.9671	0.9671	0.0000
2023-11-17T11:15:35	3	0	6	6	0	1.0475	1.0473	-0.0002	0.9966	0.9965	0.0001
2023-11-17T11:16:06	2	0	6	6	0	1.0311	1.0306	-0.0005	-1	-1	0.0000
2023-11-17T11:16:32	1	0	1	1	0	1.0222	1.0218	-0.0004	0.993	0.9926	0.0004
2023-11-17T11:16:38	1	0	59	58	1	0.9406	0.9408	0.0002	0.9984	0.9984	0.0000
2023-11-17T11:17:29	1	0	51	50	1	1.0528	1.0528	-0.0001	0.9815	0.9815	0.0000
2023-11-17T11:19:49	4	0	12	11	1	1.0488	1.0480	-0.0008	0.9833	0.9828	0.0005
2023-11-17T11:20:31	1	0	10	10	0	1.0466	1.0465	-0.0001	0.9925	0.9924	0.0001
2023-11-17T11:21:36	1	0	2	2	0	1.0222	1.0223	0.0001	0.9993	0.9993	0.0000
2023-11-17T11:24:26	1	0	15	15	0	1.0510	1.0510	0.0000	-0.9273	-0.9281	0.0008
2023-11-17T11:24:58	3	0	6	6	0	1.0380	1.0492	0.0113	0.9977	0.9976	0.0001
2023-11-17T11:25:02	1	0	2	2	0	1.0256	1.0254	-0.0002	-0.999	-0.999	0.0000
2023-11-17T11:25:19	1	0	37	36	1	1.0521	1.0517	-0.0003	0.988	0.988	0.0000
2023-11-17T11:27:40	1	0	5	5	0	1.0469	1.0468	-0.0001	-0.9713	-0.9715	0.0002
2023-11-17T11:28:18	1	0	28	28	0	1.0490	1.0490	0.0000	0.999	0.999	0.0000
2023-11-17T11:28:40	1	0	1	1	0	1.0275	1.0274	-0.0001	0.9968	0.9968	0.0000
2023-11-17T11:28:46	9	0	9	6	3	1.0504	1.0456	-0.0048	-0.9897	-0.99	0.0003
2023-11-17T11:29:24	1	0	31	31	0	1.0486	1.0486	0.0000	-0.9919	-0.9919	0.0000
2023-11-17T11:29:43	1	0	8	8	0	1.0422	1.0422	0.0000	0.996	0.996	0.0000
2023-11-17T11:30:36	2	0	3	3	0	1.0454	1.0454	0.0000	0.9848	0.9849	-0.0001
2023-11-17T11:31:39	3	0	40	40	0	0.9431	0.9431	0.0000	0.9925	0.9925	0.0000
2023-11-17T11:32:34	3	0	53	52	1	1.0530	1.0530	-0.0001	0.9821	0.982	0.0001
2023-11-17T11:33:45	13	0	4	3	1	1.0490	1.0492	0.0002	-0.9874	-0.988	0.0006
2023-11-17T11:34:55	1	0	22	22	0	1.0529	1.0527	-0.0002	-0.9895	-0.9896	0.0001
2023-11-17T11:35:08	3	0	1	0	1	1.0578	null	null	0.9316	0.9314	0.0002
2023-11-17T11:35:10	2	0	1	0	1	1.0551	null	null	-0.7579	-0.7575	-0.0004
2023-11-17T11:35:10	2	0	36	32	4	1.0518	1.0519	0.0001	0.9976	0.9976	0.0000
2023-11-17T11:35:33	1	0	2	2	0	0.9898	0.9896	-0.0003	-0.9994	-0.9994	0.0000
2023-11-17T11:37:46	1	0	1	0	1	1.0551	null	null	0.9746	0.9745	0.0001
2023-11-17T11:39:27	2	0	8	9	-1	1.0531	1.0536	0.0005	0.9793	0.9795	-0.0002
2023-11-17T11:40:00	4	0	5	6	-1	1.0545	1.0470	-0.0074	0.9985	0.9986	-0.0001
2023-11-17T11:40:47	2	0	5	6	-1	1.0221	1.0238	0.0017	0.9972	0.9972	0.0000
2023-11-17T11:41:42	1	0	3	3	0	1.0572	1.0570	-0.0002	0.9964	0.9962	0.0002
2023-11-17T11:42:41	1	0	1	1	0	1.0416	1.0416	0.0000	-0.9741	-0.9739	-0.0002
2023-11-17T11:43:41	2	0	21	20	1	1.0503	1.0500	-0.0003	0.9613	0.9598	0.0015
2023-11-17T11:43:47	8	0	11	8	3	1.0496	1.0482	-0.0014	-0.9892	-0.9893	0.0001
2023-11-17T11:44:14	1	0	27	26	1	1.0473	1.0470	-0.0004	0.9636	0.9636	0.0000
2023-11-17T11:44:25	2	0	35	34	1	1.0498	1.0497	-0.0002	-0.9914	-0.9914	0.0000
2023-11-17T11:44:44	1	0	13	13	0	1.0466	1.0466	0.0000	0.9974	0.9974	0.0000
2023-11-17T11:45:14	1	0	32	30	2	1.0504	1.0500	-0.0004	0.9878	0.9878	0.0000
2023-11-17T11:45:47	5	0	1	0	1	1.0552	null	null	0.9975	0.9975	0.0000
2023-11-17T11:45:51	2	0	1	1	0	1.0366	1.0366	0.0000	0.9985	0.9984	0.0001
2023-11-17T11:46:55	1	0	1	1	0	1.0564	1.0561	-0.0003	-0.9972	-0.9972	0.0000
2023-11-17T11:47:35	1	0	67	65	2	1.0544	1.0543	-0.0001	0.9812	0.9812	0.0000
2023-11-17T11:48:39	4	0	1	1	0	1.0608	1.0552	-0.0056	0.9688	0.9688	0.0000
2023-11-17T11:48:53	2	0	1	0	1	1.0559	null	null	0.9356	0.9356	0.0000
2023-11-17T11:49:56	1	0	33	31	2	0.9399	0.9400	0.0000	0.8404	0.8408	-0.0004
2023-11-17T11:50:09	2	0	4	3	1	1.0413	1.0356	-0.0056	0.9305	0.9298	0.0007
2023-11-17T11:50:11	1	0	55	54	1	1.0545	1.0545	-0.0001	0.997	0.997	0.0000
2023-11-17T11:50:11	4	0	3	2	1	1.0570	1.0569	-0.0001	-0.7861	-0.7867	0.0006
2023-11-17T11:50:21	1	0	7	7	0	1.0363	1.0363	0.0000	-0.9954	-0.9954	0.0000
2023-11-17T11:55:00	3	0	4	4	0	1.0511	1.0507	-0.0004	0.9991	0.999	0.0001
2023-11-17T11:55:04	1	0	4	5	-1	1.0358	1.0314	-0.0044	-0.9979	-0.9979	0.0000
2023-11-17T11:59:45	1	0	12	12	0	1.0440	1.0440	0.0000	0.9974	0.9974	0.0000
2023-11-17T12:00:48	1	0	2	2	0	1.0495	1.0485	-0.0010	0.9989	0.9989	0.0000
2023-11-17T12:05:10	2	0	3	3	0	1.0504	1.0467	-0.0037	0.9414	0.9413	0.0001
2023-11-17T12:10:01	5	0	6	6	0	1.0314	1.0313	-0.0001	0.9975	0.9974	0.0001
2023-11-17T12:22:20	1	0	1	1	0	1.0340	1.0340	0.0000	-0.9936	-0.9934	-0.0002
2023-11-17T12:29:28	1	0	40	40	0	1.0511	1.0511	0.0000	-0.9916	-0.9916	0.0000
2023-11-17T12:30:17	1	0	48	48	0	1.0512	1.0512	0.0000	0.9872	0.9872	0.0000
2023-11-17T12:30:54	2	0	2	2	0	1.0297	1.0297	0.0000	0.9983	0.9982	0.0001
2023-11-17T12:40:07	1	0	8	8	0	1.0362	1.0362	0.0000	-0.9971	-0.9971	0.0000
2023-11-17T12:43:45	1	0	1	1	0	1.0554	1.0554	0.0000	0.9545	0.9554	-0.0009
2023-11-17T12:48:50	12	0	1	4	-3	0.9421	1.0187	0.0766	-0.9924	-0.9919	-0.0005
2023-11-17T12:50:38	1	0	4	4	0	0.9948	0.9950	0.0002	-0.9984	-0.9983	-0.0001
2023-11-17T13:25:52	1	0	1	1	0	1.0387	1.0370	-0.0017	-0.9879	-0.9823	-0.0056
2023-11-17T13:32:02	1	0	1	1	0	1.0398	1.0395	-0.0003	-0.9973	-0.9973	0.0000

2023-11-17T13:35:28	1	0	1	1	0	1.0422	1.0422	0.0000	0.9972	0.9972	0.0000
2023-11-17T13:39:08	3	0	1	1	0	1.0356	1.0350	-0.0006	0.9884	0.9881	0.0003
2023-11-17T13:45:59	1	0	2	2	0	1.0450	1.0448	-0.0001	0.9985	0.9986	-0.0001
2023-11-17T13:48:35	1	0	2	2	0	1.0495	1.0493	-0.0002	0.9689	0.9688	0.0001
2023-11-17T13:48:54	1	0	1	1	0	0.9420	0.9423	0.0003	-0.9982	-0.9982	0.0000
2023-11-17T13:55:08	1	0	6	6	0	1.0308	1.0307	-0.0001	0.9982	0.9981	0.0001
2023-11-17T13:56:58	3	0	16	15	1	1.0521	1.0518	-0.0003	-1	-1	0.0000
2023-11-17T14:03:36	1	0	2	2	0	1.0491	1.0491	-0.0001	0.9695	0.9695	0.0000
2023-11-17T14:03:55	2	0	1	1	0	0.9415	0.9418	0.0003	-0.9962	-0.9962	0.0000
2023-11-17T14:05:06	1	0	25	25	0	1.0535	1.0535	-0.0001	-0.992	-0.992	0.0000
2023-11-17T14:05:18	1	0	4	4	0	1.0446	1.0445	-0.0002	0.9562	0.9561	0.0001
2023-11-17T14:08:24	7	0	161	160	1	1.0568	1.0568	0.0000	-0.9699	-0.9698	-0.0001
2023-11-17T14:09:10	2	0	1	1	0	1.0367	1.0365	-0.0002	0.9886	0.9886	0.0000
2023-11-17T14:10:09	3	0	8	8	0	1.0264	1.0262	-0.0001	0.9978	0.9978	0.0000
2023-11-17T14:11:52	6	0	2	1	1	1.0426	1.0562	0.0136	0.9926	0.9926	0.0000
2023-11-17T14:13:51	1	0	3	3	0	1.0494	1.0492	-0.0002	0.9505	0.958	-0.0075
2023-11-17T14:16:23	9	0	9	9	0	1.0329	1.0328	-0.0001	0.9999	0.9999	0.0000
2023-11-17T14:16:44	1	0	1	1	0	1.0383	1.0383	0.0000	0.991	0.9909	0.0001
2023-11-17T14:17:18	2	0	13	13	0	1.0051	1.0052	0.0001	0.9899	0.99	-0.0001
2023-11-17T14:18:56	10	0	6	2	4	1.0516	1.0466	-0.0050	-0.9923	-0.9927	0.0004
2023-11-17T14:20:07	1	0	52	48	4	1.0548	1.0547	-0.0001	-0.9937	-0.9937	0.0000
2023-11-17T14:20:31	1	0	5	5	0	1.0360	1.0359	-0.0001	-1	-1	0.0000
2023-11-17T14:20:57	1	0	2	2	0	1.0416	1.0413	-0.0003	-0.9906	-0.9904	-0.0002
2023-11-17T14:23:25	2	0	162	162	0	1.0566	1.0566	0.0000	-0.9754	-0.9753	-0.0001
2023-11-17T14:24:11	2	0	1	1	0	1.0369	1.0367	-0.0002	0.9879	0.9878	0.0001
2023-11-17T14:24:38	1	0	4	4	0	1.0490	1.0490	-0.0001	0.9815	0.9814	0.0001
2023-11-17T14:26:01	1	0	3	3	0	1.0150	1.0149	0.0000	0.9708	0.9708	0.0000
2023-11-17T14:26:53	1	0	1	1	0	1.0567	1.0565	-0.0002	0.9941	0.994	0.0001
2023-11-17T14:28:15	1	0	7	7	0	1.0484	1.0484	-0.0001	-0.9999	-0.9999	0.0000
2023-11-17T14:28:58	7	0	17	17	0	1.0478	1.0476	-0.0003	-0.9916	-0.9918	0.0002
2023-11-17T14:31:24	8	0	9	9	0	1.0370	1.0368	-0.0001	-1	-1	0.0000
2023-11-17T14:31:38	2	0	6	6	0	1.0412	1.0408	-0.0004	0.9909	0.9907	0.0002
2023-11-17T14:32:06	1	0	3	3	0	1.0390	1.0388	-0.0002	-0.9991	-0.9992	0.0001
2023-11-17T14:32:19	2	0	7	7	0	0.9827	0.9828	0.0000	0.9893	0.9893	0.0000
2023-11-17T14:33:50	1	0	1	1	0	1.0615	1.0609	-0.0006	0.9574	0.9572	0.0002
2023-11-17T14:33:57	5	0	2	2	0	1.0506	1.0505	-0.0001	-0.9874	-0.9874	0.0000
2023-11-17T14:34:15	2	0	3	3	0	0.9835	0.9839	0.0004	-0.9986	-0.9986	0.0000
2023-11-17T14:35:20	1	0	6	6	0	1.0421	1.0417	-0.0004	0.9566	0.9564	0.0002
2023-11-17T14:35:22	1	0	42	40	2	1.0529	1.0527	-0.0002	0.9987	0.9986	0.0001
2023-11-17T14:35:22	4	0	6	6	0	1.0519	1.0517	-0.0003	-0.7707	-0.7715	0.0008
2023-11-17T14:35:32	1	0	4	4	0	1.0423	1.0422	-0.0001	-0.9999	-0.9999	0.0000
2023-11-17T14:35:45	1	0	10	10	0	1.0456	1.0455	0.0000	-0.9972	-0.9973	0.0001
2023-11-17T14:36:45	1	0	37	39	-2	1.0548	1.0548	0.0000	-0.9999	-0.9999	0.0000
2023-11-17T14:37:50	1	0	16	15	1	1.0469	1.0469	0.0000	0.9987	0.9986	0.0001
2023-11-17T14:38:26	2	0	169	169	0	1.0571	1.0571	0.0000	-0.9732	-0.9731	-0.0001
2023-11-17T14:39:12	3	0	2	2	0	1.0372	1.0369	-0.0003	0.9904	0.9925	-0.0021
2023-11-17T14:39:39	1	0	6	6	0	1.0495	1.0494	-0.0001	0.9861	0.9856	0.0005
2023-11-17T14:40:11	3	0	6	6	0	1.0174	1.0173	-0.0001	0.9974	0.9974	0.0000
2023-11-17T14:41:02	1	0	3	3	0	1.0163	1.0163	0.0000	0.9759	0.9758	0.0001
2023-11-17T14:41:54	2	0	3	3	0	1.0429	1.0428	-0.0001	0.9949	0.9943	0.0006
2023-11-17T14:43:32	1	0	32	32	0	1.0492	1.0492	0.0000	0.9985	0.9985	0.0000
2023-11-17T14:43:53	1	0	4	4	0	1.0458	1.0457	-0.0001	0.9505	0.9577	-0.0072
2023-11-17T14:43:59	6	0	15	15	0	1.0473	1.0472	-0.0001	-0.9912	-0.9913	0.0001
2023-11-17T14:46:03	1	0	2	2	0	1.0341	1.0339	-0.0003	0.9986	0.9985	0.0001
2023-11-17T14:46:25	1	0	11	11	0	1.0353	1.0352	-0.0002	0.9998	0.9997	0.0001
2023-11-17T14:46:39	2	0	4	4	0	1.0372	1.0372	0.0000	0.991	0.9911	-0.0001
2023-11-17T14:50:46	3	0	17	16	1	1.0467	1.0467	0.0000	-0.996	-0.9961	0.0001
2023-11-17T14:50:59	1	0	2	2	0	1.0421	1.0420	-0.0001	-0.9933	-0.9931	-0.0002
2023-11-17T14:53:27	3	0	159	158	1	1.0569	1.0569	-0.0001	-0.9745	-0.9745	0.0000
2023-11-17T14:54:13	5	0	3	3	0	1.0385	1.0381	-0.0004	0.9974	0.9971	0.0003
2023-11-17T14:58:17	2	0	7	7	0	1.0429	1.0428	-0.0001	-1	-1	0.0000
2023-11-17T15:05:47	4	0	19	18	1	1.0417	1.0424	0.0007	-0.9932	-0.9933	0.0001
2023-11-17T15:06:01	4	0	1	1	0	1.0156	1.0140	-0.0016	-0.9987	-0.9991	0.0004
2023-11-17T15:07:11	3	0	1	2	-1	1.0196	1.0272	0.0076	0.9942	0.9943	-0.0001
2023-11-17T15:11:29	1	0	367	367	0	1.0846	1.0846	0.0000	-0.9976	-0.9977	0.0001
2023-11-17T15:15:51	2	0	10	10	0	1.0467	1.0467	0.0000	0.9902	0.9903	-0.0001
2023-11-17T15:19:01	4	0	5	4	1	1.0454	1.0455	0.0000	-0.991	-0.991	0.0000
2023-11-17T15:22:12	3	0	2	2	0	1.0295	1.0293	-0.0002	0.9956	0.9956	0.0000
2023-11-17T15:28:41	1	0	6	6	0	1.0140	1.0138	-0.0001	-0.9823	-0.9799	-0.0024
2023-11-17T15:32:41	2	0	1	1	0	1.0217	1.0205	-0.0012	0.9793	0.9792	0.0001
2023-11-17T15:35:24	1	0	6	6	0	1.0310	1.0310	0.0000	0.949	0.9487	0.0003
2023-11-17T15:59:24	2	0	3	3	0	1.0395	1.0392	-0.0003	-0.8993	-0.8993	0.0000
2023-11-17T16:10:56	2	0	1	1	0	1.0120	1.0114	-0.0006	0.9718	0.9716	0.0002
2023-11-17T16:47:01	2	0	28	26	2	0.9441	0.9442	0.0001	-0.9998	0.998	0.0022
2023-11-17T18:22:31	1	0	138	138	0	0.9104	0.9104	0.0000	0.9941	0.9941	0.0000
2023-11-17T18:30:18	1	0	59	59	0	1.0563	1.0563	0.0000	0.975	0.975	0.0000
2023-11-18T07:50:11	2	0	43	42	1	0.9429	0.9430	0.0001	-0.969	-0.9677	-0.0013
2023-11-18T07:51:47	1	0	62	62	0	0.9278	0.9280	0.0002	0.9992	0.9991	0.0001
2023-11-18T08:01:27	2	0	2	2	0	1.0310	1.0308	-0.0002	-0.9992	-0.9992	0.0000
2023-11-18T08:03:32	1	0	142	141	1	0.9200	0.9200	0.0000	-0.9978	-0.9978	0.0000
2023-11-18T08:05:11	1	0	191	190	1	1.0599	1.0599	0.0000	0.9996	0.9996	0.0000
2023-11-18T08:06:48	1	0	70	69	1	0.9263	0.9264	0.0000	0.9993	0.9992	0.0001
2023-11-18T08:20:13	1	0	21	21	0	0.9429	0.9430	0.0001	-0.9723	-0.9713	-0.0010
2023-11-18T08:25:06	1	0	61	60	1	1.0549	1.0548	0.0000	1	1	0.0000
2023-11-18T08:50:32	1	0	94	94	0	0.9354	0.9355	0.0001	0.9939	0.9939	0.0000

2023-11-18T08:55:08	1	0	104	103	1	1.0567	1.0567	0.0000	-0.9999	-0.9999	0.0000
2023-11-18T09:06:52	2	0	62	61	1	0.9266	0.9270	0.0004	0.9993	0.9993	0.0000
2023-11-18T09:09:16	2	0	3	3	0	1.0485	1.0480	-0.0005	0.9942	0.9941	0.0001
2023-11-18T09:10:34	2	0	1	1	0	1.0353	1.0333	-0.0020	-0.9702	-0.9702	0.0000
2023-11-18T09:10:45	3	0	10	10	0	0.9550	0.9551	0.0000	0.9983	0.9985	-0.0002
2023-11-18T09:19:57	2	0	145	144	1	0.9311	0.9312	0.0001	0.908	0.9081	-0.0001
2023-11-18T09:33:38	3	0	45	45	0	0.9522	0.9521	-0.0001	-0.9945	-0.9946	0.0001
2023-11-18T09:34:58	1	0	4	4	0	1.0457	1.0456	-0.0001	0.9978	0.9977	0.0001
2023-11-18T09:34:59	3	0	6	6	0	1.0319	1.0315	-0.0004	0.9787	0.9783	0.0004
2023-11-18T09:35:12	2	0	1	1	0	1.0193	1.0186	-0.0007	0.9875	0.9875	0.0000
2023-11-18T09:35:17	1	0	23	23	0	1.0516	1.0515	-0.0001	0.9962	0.9962	0.0000
2023-11-18T09:38:41	2	0	2	2	0	1.0217	1.0215	-0.0002	0.9992	0.9992	0.0000
2023-11-18T09:45:40	1	0	8	8	0	1.0576	1.0573	-0.0004	0.9819	0.9817	0.0002
2023-11-18T09:46:34	1	0	2	2	0	1.0329	1.0326	-0.0003	-0.9994	-0.9994	0.0000
2023-11-18T09:46:59	1	0	5	5	0	1.0339	1.0338	-0.0001	-0.9985	-0.9985	0.0000
2023-11-18T09:48:37	1	0	1	1	0	1.0562	1.0558	-0.0004	-0.9271	-0.926	-0.0011
2023-11-18T09:48:54	1	0	10	10	0	1.0375	1.0373	-0.0002	-0.9993	-0.9993	0.0000
2023-11-18T09:49:46	2	0	5	3	2	1.0507	1.0464	-0.0043	-0.9939	-0.9944	0.0005
2023-11-18T09:49:54	2	0	3	3	0	1.0375	1.0372	-0.0003	0.9998	0.9998	0.0000
2023-11-18T09:50:00	1	0	7	7	0	1.0351	1.0351	-0.0001	0.9798	0.9797	0.0001
2023-11-18T09:50:18	1	0	19	19	0	1.0505	1.0503	-0.0001	0.9955	0.9955	0.0000
2023-11-18T09:50:21	4	0	3	2	1	1.0422	1.0397	-0.0025	-0.9933	-0.9934	0.0001
2023-11-18T09:50:36	4	0	19	15	4	0.9488	0.9503	0.0015	0.9926	0.9924	0.0002
2023-11-18T09:54:44	1	0	1	1	0	1.0579	1.0576	-0.0003	-0.9999	-1	0.0001
2023-11-18T09:55:37	1	0	1	1	0	1.0376	1.0373	-0.0003	-0.9666	-0.9664	-0.0002
2023-11-18T09:58:07	1	0	2	2	0	0.9871	0.9869	-0.0001	-0.9872	-0.9871	-0.0001
2023-11-18T10:00:11	2	0	1	0	1	1.0552	null	null	0.9986	0.9986	0.0000
2023-11-18T10:00:41	1	0	34	35	-1	1.0560	1.0560	0.0000	0.9596	0.9592	0.0004
2023-11-18T10:00:59	1	0	4	4	0	1.0292	1.0290	-0.0002	-0.9988	-0.9988	0.0000
2023-11-18T10:01:30	2	0	89	87	2	1.0599	1.0590	-0.0009	-0.9867	-0.9862	-0.0005
2023-11-18T10:03:40	6	0	25	22	3	0.9565	0.9569	0.0004	-0.9946	-0.9944	-0.0002
2023-11-18T10:03:55	3	0	9	9	0	1.0364	1.0363	-0.0001	-0.9996	-0.9996	0.0000
2023-11-18T10:05:22	3	0	2	2	0	1.0378	1.0373	-0.0005	-0.9952	-0.9953	0.0001
2023-11-18T10:05:37	1	0	2	2	0	0.9546	0.9554	0.0008	0.9954	0.9955	-0.0001
2023-11-18T10:06:26	1	0	1	1	0	1.0620	1.0609	-0.0011	-0.9884	-0.9885	0.0001
2023-11-18T10:08:43	1	0	2	2	0	1.0260	1.0257	-0.0002	0.9989	0.9989	0.0000
2023-11-18T10:09:45	1	0	1	1	0	1.0566	1.0563	-0.0003	-0.9996	-0.9996	0.0000
2023-11-18T10:10:42	2	0	7	7	0	1.0267	1.0266	-0.0001	0.9812	0.981	0.0002
2023-11-18T10:14:16	1	0	8	8	0	1.0461	1.0461	0.0000	-0.993	-0.993	0.0000
2023-11-18T10:15:31	1	0	3	3	0	1.0491	1.0489	-0.0002	-0.9977	-0.9977	0.0000
2023-11-18T10:16:31	1	0	55	54	1	1.0532	1.0531	-0.0001	-0.9934	-0.9931	-0.0003
2023-11-18T10:17:08	1	0	3	2	1	1.0454	1.0452	-0.0002	0.9983	0.9983	0.0000
2023-11-18T10:18:56	3	0	8	8	0	1.0365	1.0362	-0.0003	-0.9994	-0.9995	0.0001
2023-11-18T10:22:31	1	0	14	13	1	1.0456	1.0466	0.0009	-0.9956	-0.9956	0.0000
2023-11-18T10:24:54	1	0	5	5	0	1.0041	1.0040	-0.0001	-0.9969	-0.9969	0.0000
2023-11-18T10:25:50	1	0	3	3	0	1.0219	1.0218	-0.0001	0.9979	0.9985	-0.0006
2023-11-18T10:26:39	1	0	1	0	1	1.0558	null	null	0.9771	0.977	0.0001
2023-11-18T10:28:13	1	0	28	27	1	1.0497	1.0495	-0.0002	-0.9158	-0.9144	-0.0014
2023-11-18T10:31:01	1	0	3	3	0	1.0335	1.0334	-0.0001	-0.9985	-0.9985	0.0000
2023-11-18T10:32:22	1	0	1	1	0	1.0567	1.0558	-0.0009	0.9994	0.9994	0.0000
2023-11-18T10:33:32	1	0	1	0	1	1.0554	null	null	0.9867	0.9866	0.0001
2023-11-18T10:33:42	3	0	3	3	0	0.9943	0.9938	-0.0005	-0.9941	-0.9943	0.0002
2023-11-18T10:33:45	1	0	1	1	0	1.0157	1.0154	-0.0003	0.9978	0.9978	0.0000
2023-11-18T10:33:57	1	0	13	13	0	1.0441	1.0441	0.0000	-0.9992	-0.9992	0.0000
2023-11-18T10:34:49	1	0	3	3	0	1.0542	1.0540	-0.0002	-0.9951	-0.9954	0.0003
2023-11-18T10:35:03	1	0	8	8	0	1.0354	1.0353	-0.0001	0.9801	0.98	0.0001
2023-11-18T10:35:33	3	0	17	16	1	1.0492	1.0494	0.0002	-0.9859	-0.9859	0.0000
2023-11-18T10:35:39	1	0	49	46	3	0.9435	0.9438	0.0002	0.9909	0.9907	0.0002
2023-11-18T10:38:45	1	0	2	2	0	1.0221	1.0219	-0.0002	0.999	0.999	0.0000
2023-11-18T10:38:56	1	0	2	2	0	1.0367	1.0366	-0.0001	-0.9993	-0.9993	0.0000
2023-11-18T10:40:15	2	0	107	105	2	1.0572	1.0570	-0.0002	-0.9998	-0.9998	0.0000
2023-11-18T10:40:40	1	0	1	1	0	1.0368	1.0364	-0.0004	-0.9629	-0.9627	-0.0002
2023-11-18T10:44:13	2	0	4	2	2	1.0530	1.0480	-0.0050	-0.9034	-0.9027	-0.0007
2023-11-18T10:45:44	8	0	6	6	0	1.0502	1.0484	-0.0018	0.9994	0.9993	0.0001
2023-11-18T10:47:10	3	0	1	1	0	1.0568	1.0560	-0.0008	0.9985	0.9985	0.0000
2023-11-18T10:48:43	2	0	9	9	0	0.9623	0.9623	0.0000	-0.9974	-0.9974	0.0000
2023-11-18T10:48:58	1	0	7	7	0	1.0432	1.0432	-0.0001	-0.9988	-0.9988	0.0000
2023-11-18T10:49:45	4	0	1	0	1	1.0455	null	null	0.9882	0.9877	0.0005
2023-11-18T10:50:22	2	0	21	21	0	1.0525	1.0523	-0.0001	0.9936	0.9934	0.0002
2023-11-18T10:50:34	1	0	13	13	0	1.0482	1.0482	0.0000	-0.9886	-0.9887	0.0001
2023-11-18T10:55:16	1	0	136	134	2	1.0585	1.0585	-0.0001	-0.9998	-0.9998	0.0000
2023-11-18T10:56:43	1	0	4	4	0	1.0332	1.0331	-0.0002	0.9748	0.9747	0.0001
2023-11-18T11:00:34	2	0	3	3	0	1.0510	1.0508	-0.0003	-0.999	-0.999	0.0000
2023-11-18T11:01:22	2	0	8	8	0	1.0444	1.0441	-0.0004	0.9968	0.9966	0.0002
2023-11-18T11:03:04	2	0	1	0	1	1.0558	null	null	0.9704	0.9704	0.0000
2023-11-18T11:03:48	2	0	4	3	1	1.0439	1.0391	-0.0047	0.9796	0.9796	0.0000
2023-11-18T11:04:00	1	0	13	11	2	1.0433	1.0411	-0.0022	-0.9993	-0.9993	0.0000
2023-11-18T11:04:49	1	0	2	2	0	1.0332	1.0332	-0.0001	0.9895	0.9894	0.0001
2023-11-18T11:07:45	1	0	11	10	1	1.0405	1.0400	-0.0005	0.9976	0.9976	0.0000
2023-11-18T11:11:41	2	0	2	2	0	1.0465	1.0014	-0.0450	0.9971	0.9969	0.0002
2023-11-18T11:13:00	1	0	6	6	0	1.0470	1.0469	-0.0001	0.9988	0.9987	0.0001
2023-11-18T11:14:25	4	0	2	2	0	1.0590	1.0572	-0.0019	-0.9998	-0.9998	0.0000
2023-11-18T11:15:46	7	0	61	62	-1	1.0635	1.0630	-0.0005	0.9868	0.9862	0.0006
2023-11-18T11:16:32	3	0	2	2	0	1.0262	1.0258	-0.0004	0.9949	0.9946	0.0003
2023-11-18T11:18:45	2	0	66	66	0	0.9405	0.9404	-0.0001	-0.9954	-0.9954	0.0000

2023-11-18T11:20:24	1	0	21	20	1	1.0502	1.0499	-0.0003	0.993	0.9928	0.0002
2023-11-18T11:20:27	1	0	3	3	0	1.0404	1.0402	-0.0003	-0.9935	-0.9935	0.0000
2023-11-18T11:22:46	1	0	1	1	0	1.0613	1.0609	-0.0004	-0.9958	-0.9959	0.0001
2023-11-18T11:24:45	2	0	1	0	1	1.0557	null	null	-0.991	-0.9914	0.0004
2023-11-18T11:25:06	1	0	5	5	0	1.0398	1.0398	0.0000	-0.9999	-0.9999	0.0000
2023-11-18T11:28:01	2	0	6	6	0	1.0477	1.0476	-0.0001	0.9988	0.9988	0.0000
2023-11-18T11:29:21	1	0	10	10	0	1.0469	1.0469	0.0000	-0.9919	-0.9919	0.0000
2023-11-18T11:30:49	8	0	64	64	0	1.0623	1.0622	-0.0001	0.987	0.9867	0.0003
2023-11-18T11:31:05	3	0	4	4	0	1.0345	1.0343	-0.0002	-0.998	-0.998	0.0000
2023-11-18T11:31:36	1	0	44	44	0	1.0583	1.0583	0.0000	-0.9823	-0.9982	0.0159
2023-11-18T11:31:44	1	0	77	76	1	1.0535	1.0535	0.0000	0.9815	0.9815	0.0000
2023-11-18T11:33:36	3	0	7	7	0	0.9762	0.9764	0.0002	0.9639	0.9637	0.0002
2023-11-18T11:34:48	3	0	1	2	-1	1.0456	1.0453	-0.0003	0.9875	0.9875	0.0000
2023-11-18T11:35:23	2	0	1	1	0	1.0555	1.0553	-0.0002	0.9881	0.9882	-0.0001
2023-11-18T11:35:37	2	0	16	16	0	1.0493	1.0493	0.0000	-0.9876	-0.9876	0.0000
2023-11-18T11:37:47	1	0	9	9	0	1.0433	1.0433	0.0000	0.9981	0.9981	0.0000
2023-11-18T11:38:49	3	0	1	1	0	1.0101	1.0101	0.0000	0.9983	0.9983	0.0000
2023-11-18T11:39:26	2	0	9	9	0	1.0543	1.0542	0.0000	0.9915	0.9982	-0.0067
2023-11-18T11:39:59	1	0	1	1	0	1.0206	1.0206	0.0000	-0.9975	-0.9974	-0.0001
2023-11-18T11:40:36	1	0	5	5	0	1.0377	1.0375	-0.0002	0.9967	0.9967	0.0000
2023-11-18T11:41:46	2	0	3	3	0	1.0252	1.0251	-0.0001	0.9736	0.9735	0.0001
2023-11-18T11:43:14	1	0	3	4	-1	0.9948	0.9823	-0.0125	-0.9896	-0.9895	-0.0001
2023-11-18T11:46:06	7	0	5	5	0	1.0293	1.0291	-0.0002	-0.9993	-0.9993	0.0000
2023-11-18T11:46:42	2	0	4	4	0	1.0476	1.0462	-0.0013	-0.9992	-0.9991	-0.0001
2023-11-18T11:48:25	1	0	1	1	0	1.0559	1.0554	-0.0005	0.9562	0.9561	0.0001
2023-11-18T11:48:37	5	0	2	2	0	1.0197	1.0202	0.0005	0.9606	0.9612	-0.0006
2023-11-18T11:50:08	5	0	2	3	-1	1.0313	1.0298	-0.0014	0.9479	0.9481	-0.0002
2023-11-18T11:50:10	1	0	2	2	0	1.0558	1.0556	-0.0003	-0.8225	-0.8225	0.0000
2023-11-18T11:50:38	1	0	13	13	0	1.0502	1.0502	0.0000	-0.9869	-0.9869	0.0000
2023-11-18T11:50:44	5	0	2	3	-1	0.9597	0.9881	0.0284	0.9957	0.9957	0.0000
2023-11-18T11:52:48	1	0	8	8	0	1.0390	1.0390	0.0000	0.9988	0.9989	-0.0001
2023-11-18T11:53:50	2	0	3	4	-1	1.0377	1.0427	0.0050	0.9988	0.9988	0.0000
2023-11-18T11:55:00	1	0	1	1	0	1.0178	1.0178	0.0000	-0.9981	-0.9981	0.0000
2023-11-18T11:55:37	1	0	3	3	0	1.0425	1.0425	0.0000	0.9966	0.9966	0.0000
2023-11-18T11:56:47	1	0	4	4	0	1.0345	1.0345	0.0000	0.9739	0.9739	0.0000
2023-11-18T11:58:03	2	0	7	8	-1	1.0490	1.0471	-0.0018	0.999	0.9991	-0.0001
2023-11-18T12:00:51	6	0	16	14	2	1.0508	1.0501	-0.0007	0.9519	0.9767	-0.0248
2023-11-18T12:03:38	4	0	3	4	-1	0.9826	0.9732	-0.0095	0.963	0.9629	0.0001
2023-11-18T12:05:39	1	0	24	24	0	1.0509	1.0509	0.0000	-0.9867	-0.9867	0.0000
2023-11-18T12:05:45	4	0	3	3	0	0.9881	0.9882	0.0001	0.9946	0.9947	-0.0001
2023-11-18T12:07:38	1	0	16	16	0	1.0520	1.0520	0.0000	-0.9951	-0.995	-0.0001
2023-11-18T12:08:51	2	0	3	4	-1	1.0355	1.0406	0.0052	0.9984	0.9984	0.0000
2023-11-18T12:09:48	2	0	1	2	-1	1.0592	1.0574	-0.0018	-0.9909	-0.9907	-0.0002
2023-11-18T12:10:01	1	0	45	45	0	0.9467	0.9467	0.0000	-0.9981	-0.9981	0.0000
2023-11-18T12:17:57	2	0	7	7	0	1.0495	1.0485	-0.0009	0.9246	0.9244	0.0002
2023-11-18T12:20:12	1	0	2	5	-3	1.0565	1.0517	-0.0048	-0.8301	-0.8284	-0.0017
2023-11-18T12:20:26	1	0	1	1	0	1.0581	1.0579	-0.0002	0.9881	0.9883	-0.0002
2023-11-18T12:22:50	1	0	7	7	0	1.0410	1.0410	0.0000	0.9986	0.9986	0.0000
2023-11-18T12:25:39	1	0	6	6	0	1.0455	1.0455	0.0000	0.9976	0.9976	0.0000
2023-11-18T12:26:49	1	0	2	2	0	1.0361	1.0360	-0.0001	0.9751	0.9751	0.0000
2023-11-18T12:27:40	1	0	81	81	0	1.1376	1.1369	-0.0007	-0.9439	-0.9438	-0.0001
2023-11-18T12:31:09	6	0	3	3	0	1.0302	1.0301	-0.0001	-1	-1	0.0000
2023-11-18T12:37:46	3	0	1	0	1	1.0555	null	null	-0.9697	-0.9695	-0.0002
2023-11-18T12:45:51	3	0	1	1	0	1.0578	1.0558	-0.0020	0.9995	0.9995	0.0000
2023-11-18T12:45:54	3	0	56	55	1	1.0594	1.0593	-0.0001	0.9521	0.9523	-0.0002
2023-11-18T12:50:31	1	0	28	24	4	0.9422	0.9425	0.0003	-0.9998	-0.9997	-0.0001
2023-11-18T12:58:03	1	0	8	9	-1	1.0518	1.0509	-0.0008	-0.9992	-0.9992	0.0000
2023-11-18T12:58:19	1	0	3	3	0	1.0269	1.0268	0.0000	-0.9868	-0.9868	0.0000
2023-11-18T12:59:47	1	0	6	6	0	1.0412	1.0410	-0.0003	0.9989	0.9989	0.0000
2023-11-18T13:01:42	1	0	24	24	0	1.0574	1.0574	0.0000	-0.9919	0.9999	0.0082
2023-11-18T13:01:47	1	0	2	2	0	1.0646	1.0644	-0.0002	0.991	0.991	0.0000
2023-11-18T13:01:50	1	0	129	129	0	1.0555	1.0555	0.0000	0.9809	0.9809	0.0000
2023-11-18T13:03:12	3	0	2	2	0	1.0574	1.0551	-0.0023	0.9682	0.9674	0.0008
2023-11-18T13:05:13	1	0	3	4	-1	1.0323	1.0316	-0.0007	0.9523	0.9526	-0.0003
2023-11-18T13:09:58	1	0	4	4	0	1.0550	1.0549	-0.0001	-0.9993	-0.9993	0.0000
2023-11-18T13:16:51	1	0	142	143	-1	1.0555	1.0555	0.0000	0.981	0.981	0.0000
2023-11-18T13:35:15	2	0	4	4	0	1.0308	1.0308	0.0000	0.9505	0.9503	0.0002
2023-11-18T13:46:50	1	0	2	3	-1	1.0501	1.0519	0.0018	0.9905	0.9905	0.0000
2023-11-18T13:48:08	1	0	5	5	0	1.0386	1.0384	-0.0002	0.9464	0.9461	0.0003
2023-11-18T13:50:16	2	0	5	5	0	1.0389	1.0388	-0.0001	0.9668	0.9667	0.0001
2023-11-18T13:50:52	1	0	1	1	0	1.0475	1.0471	-0.0004	0.9952	0.9999	-0.0047
2023-11-18T13:50:56	1	0	1	0	1	1.0398	null	null	-0.9982	-0.998	-0.0002
2023-11-18T13:52:51	2	0	1	1	0	1.0556	1.0550	-0.0006	-0.9693	-0.9696	0.0003
2023-11-18T14:05:17	1	0	8	8	0	1.0364	1.0364	-0.0001	0.96	0.9599	0.0001
2023-11-18T14:05:19	2	0	5	4	1	1.0520	1.0505	-0.0015	-0.804	-0.8043	0.0003
2023-11-18T14:05:35	2	0	5	5	0	1.0480	1.0480	0.0000	0.9728	0.973	-0.0002
2023-11-18T14:05:38	8	0	1	2	-1	1.0562	1.0416	-0.0146	-0.9941	-0.994	-0.0001
2023-11-18T14:11:53	2	0	2	2	0	1.0531	1.0530	0.0000	0.9984	0.9982	0.0002
2023-11-18T14:14:32	1	0	14	14	0	1.0498	1.0498	0.0000	-0.9889	-0.9889	0.0000
2023-11-18T14:14:37	4	0	6	6	0	1.0529	1.0543	0.0015	-0.9998	-0.9999	0.0001
2023-11-18T14:14:52	1	0	4	4	0	1.0357	1.0357	0.0000	0.9974	0.9988	-0.0014
2023-11-18T14:16:16	1	0	4	4	0	1.0327	1.0327	0.0000	-0.9996	-0.9995	-0.0001
2023-11-18T14:16:44	3	0	5	5	0	1.0315	1.0315	-0.0001	0.993	0.9927	0.0003
2023-11-18T14:17:37	1	0	1	1	0	1.0561	1.0561	0.0000	-1	-1	0.0000
2023-11-18T14:18:47	1	0	2	2	0	0.9435	0.9438	0.0003	0.9582	0.9582	0.0000

2023-11-18T14:20:18	1	0	6	6	0	1.0391	1.0390	-0.0001	0.9674	0.9673	0.0001
2023-11-18T14:20:36	2	0	7	7	0	1.0433	1.0432	-0.0001	0.973	0.9729	0.0001
2023-11-18T14:20:39	2	0	2	2	0	1.0420	1.0419	-0.0002	-0.9934	-0.9934	0.0000
2023-11-18T14:20:54	2	0	7	7	0	0.9622	0.9623	0.0001	0.9932	0.9933	-0.0001
2023-11-18T14:24:01	1	0	2	2	0	1.0258	1.0257	-0.0001	0.999	0.999	0.0000
2023-11-18T14:24:11	6	0	4	3	1	1.0361	1.0354	-0.0007	-1	-1	0.0000
2023-11-18T14:24:37	1	0	5	5	0	1.0547	1.0546	-0.0001	0.979	0.9789	0.0001
2023-11-18T14:26:54	1	0	1	1	0	1.0577	1.0575	-0.0002	0.9984	0.9984	0.0000
2023-11-18T14:29:38	3	0	4	4	0	1.0540	1.0538	-0.0002	-0.9998	-0.9998	0.0000
2023-11-18T14:32:38	1	0	1	1	0	1.0567	1.0564	-0.0003	0.9988	0.9975	0.0013
2023-11-18T14:35:19	3	0	197	192	5	0.9240	0.9244	0.0004	0.8908	0.8913	-0.0005
2023-11-18T14:35:30	1	0	4	4	0	1.0461	1.0459	-0.0002	-0.9921	-0.9922	0.0001
2023-11-18T14:35:40	2	0	1	1	0	1.0404	1.0402	-0.0002	-0.9948	-0.9948	0.0000
2023-11-18T14:38:59	1	0	73	67	6	1.0529	1.0526	-0.0003	-0.8967	-0.8967	0.0000
2023-11-18T14:39:02	1	0	2	2	0	1.0260	1.0260	-0.0001	0.9992	0.9992	0.0000
2023-11-18T14:39:12	4	0	3	3	0	1.0366	1.0365	-0.0002	-1	-1	0.0000
2023-11-18T14:39:38	1	0	7	7	0	1.0574	1.0573	-0.0001	0.9827	0.9827	0.0000
2023-11-18T14:41:55	1	0	1	1	0	1.0591	1.0591	0.0000	0.9992	0.9992	0.0000
2023-11-18T14:42:49	2	0	83	82	1	1.0841	1.0845	0.0004	-0.9679	-0.9579	-0.0100
2023-11-18T14:43:10	1	0	6	6	0	1.0513	1.0513	0.0000	0.9994	0.9994	0.0000
2023-11-18T14:44:39	3	0	2	2	0	1.0559	1.0557	-0.0002	-0.9998	-0.9997	-0.0001
2023-11-18T14:45:49	1	0	1	1	0	1.0586	1.0584	-0.0002	0.9996	0.9995	0.0001
2023-11-18T14:45:59	3	0	1	1	0	0.9779	0.9794	0.0015	0.9988	0.9989	-0.0001
2023-11-18T14:46:36	1	0	1	1	0	1.0272	1.0268	-0.0004	-0.927	-0.9261	-0.0009
2023-11-18T14:46:46	3	0	5	5	0	1.0334	1.0333	-0.0001	0.9934	0.9931	0.0003
2023-11-18T14:48:59	1	0	1	1	0	1.0270	1.0263	-0.0007	-0.9895	-0.9897	0.0002
2023-11-18T14:50:22	1	0	3	3	0	1.0490	1.0489	-0.0001	-0.8085	-0.8082	-0.0003
2023-11-18T14:50:50	2	0	47	47	0	1.0497	1.0496	-0.0001	-0.9899	-0.9899	0.0000
2023-11-18T14:50:56	1	0	3	3	0	0.9884	0.9883	-0.0001	0.9946	0.9946	0.0000
2023-11-18T14:55:20	1	0	6	6	0	1.0383	1.0383	0.0000	-0.9999	-0.9998	-0.0001
2023-11-18T15:03:28	1	0	7	7	0	1.0483	1.0483	0.0000	-0.9943	-0.9936	-0.0007
2023-11-18T15:03:50	1	0	1	1	0	1.0562	1.0559	-0.0003	0.9584	0.9583	0.0001
2023-11-18T15:15:03	1	0	9	9	0	1.0479	1.0477	-0.0002	-0.9935	-0.9935	0.0000
2023-11-18T15:18:51	1	0	3	3	0	0.9433	0.9434	0.0001	0.9599	0.96	-0.0001
2023-11-18T15:31:05	2	0	16	13	3	1.0515	1.0505	-0.0010	0.9572	0.9788	-0.0216
2023-11-18T15:48:53	2	0	1	1	0	0.9780	0.9786	0.0006	0.9633	0.9635	-0.0002
2023-11-18T15:54:17	1	0	6	6	0	1.0359	1.0359	0.0000	-0.9984	-0.9983	-0.0001
2023-11-18T16:04:04	1	0	1	1	0	0.9408	0.9415	0.0007	-0.9943	-0.9942	-0.0001
2023-11-18T16:16:42	1	0	1	1	0	0.9930	0.9933	0.0003	-0.9444	-0.9431	-0.0013
2023-11-18T16:17:12	1	0	1	1	0	1.0406	1.0401	-0.0005	-0.9996	-0.9996	0.0000
2023-11-18T16:55:24	2	0	1	0	1	0.9594	null	null	-0.9938	-0.9938	0.0000
2023-11-18T16:59:38	1	0	46	46	0	1.0562	1.0561	-0.0001	-0.9186	-0.9178	-0.0008
2023-11-18T17:00:13	1	0	1	1	0	0.9435	0.9438	0.0003	0.9713	0.9719	-0.0006
2023-11-18T18:36:11	1	0	93	92	1	0.9476	0.9439	-0.0037	-0.9981	-0.992	-0.0061
2023-11-18T18:39:28	3	0	1	1	0	1.0281	1.0281	0.0000	0.9986	0.9987	-0.0001
2023-11-19T07:53:20	1	0	81	77	4	1.0571	1.0571	0.0000	0.9971	0.9971	0.0000
2023-11-19T07:53:22	2	0	66	65	1	0.9435	0.9436	0.0001	-0.9807	-0.9798	-0.0009
2023-11-19T08:21:22	1	0	93	92	1	0.9272	0.9276	0.0004	0.9934	0.9933	0.0001
2023-11-19T08:28:41	2	0	1	1	0	1.0370	1.0360	-0.0010	-0.9803	-0.9802	-0.0001
2023-11-19T08:32:27	1	0	3	2	1	1.0452	1.0452	0.0000	-0.9996	-0.9996	0.0000
2023-11-19T08:46:45	2	0	4	4	0	1.0388	1.0382	-0.0007	-0.9921	-0.9922	0.0001
2023-11-19T09:01:00	2	0	1	1	0	1.0457	1.0457	0.0000	-0.9956	-0.9954	-0.0002
2023-11-19T09:01:46	1	0	3	3	0	1.0255	1.0254	-0.0001	-0.9925	-0.9925	0.0000
2023-11-19T09:04:39	2	0	35	35	0	0.9449	0.9450	0.0001	-0.9998	-0.9997	-0.0001
2023-11-19T09:08:27	3	0	63	56	7	0.9415	0.9418	0.0003	-0.9801	-0.9792	-0.0009
2023-11-19T09:13:43	2	0	2	2	0	1.0052	1.0045	-0.0006	-0.997	-0.9969	-0.0001
2023-11-19T09:17:52	1	0	1	0	1	0.9449	null	null	0.9803	0.9803	0.0000
2023-11-19T09:20:25	2	0	3	3	0	1.0340	1.0336	-0.0004	0.9929	0.9929	0.0000
2023-11-19T09:23:06	1	0	16	16	0	1.0530	1.0529	-0.0001	0.9974	0.9974	0.0000
2023-11-19T09:23:08	3	0	265	265	0	0.8742	0.8745	0.0003	0.9073	0.9076	-0.0003
2023-11-19T09:23:21	1	0	6	6	0	1.0416	1.0416	-0.0001	-0.9967	-0.9967	0.0000
2023-11-19T09:23:26	2	0	88	79	9	1.0591	1.0582	-0.0009	0.9934	0.9934	0.0000
2023-11-19T09:27:29	2	0	3	3	0	1.0483	1.0476	-0.0007	0.9948	0.9945	0.0003
2023-11-19T09:28:21	1	0	79	78	1	1.0561	1.0560	-0.0001	0.9987	0.9987	0.0000
2023-11-19T09:31:48	1	0	2	2	0	1.0264	1.0262	-0.0002	-1	-1	0.0000
2023-11-19T09:33:18	3	0	1	1	0	1.0123	1.0112	-0.0011	0.9891	0.9871	0.0020
2023-11-19T09:33:48	3	0	2	2	0	0.9715	0.9718	0.0003	0.9954	0.9954	0.0000
2023-11-19T09:34:07	6	0	6	6	0	1.0284	1.0282	-0.0002	-0.9977	-0.9978	0.0001
2023-11-19T09:36:39	3	0	1	1	0	0.9797	0.9806	0.0009	0.9766	0.9769	-0.0003
2023-11-19T09:36:47	4	0	57	57	0	0.9312	0.9315	0.0003	-0.9954	-0.9955	0.0001
2023-11-19T09:37:04	1	0	10	10	0	1.0392	1.0390	-0.0002	-0.9986	-0.9987	0.0001
2023-11-19T09:38:09	3	0	7	7	0	1.0255	1.0252	-0.0003	0.9598	0.9594	0.0004
2023-11-19T09:38:24	2	0	1	0	1	0.9590	null	null	0.9968	0.9969	-0.0001
2023-11-19T09:38:33	2	0	1	1	0	1.0382	1.0372	-0.0010	-0.9972	-0.9973	0.0001
2023-11-19T09:39:58	3	0	3	3	0	1.0154	1.0151	-0.0003	0.9929	0.9928	0.0001
2023-11-19T09:43:04	1	0	5	5	0	1.0231	1.0230	-0.0001	-0.9981	-0.9982	0.0001
2023-11-19T09:43:28	1	0	4	4	0	1.0350	1.0348	-0.0002	-0.9976	-0.9976	0.0000
2023-11-19T09:48:51	8	0	5	5	0	1.0500	1.0495	-0.0005	0.98	0.9782	0.0018
2023-11-19T09:49:42	2	0	17	16	1	1.0066	1.0036	-0.0030	-0.9953	-0.9949	-0.0004
2023-11-19T09:49:47	1	0	161	160	1	1.0561	1.0561	0.0000	0.9952	0.9953	-0.0001
2023-11-19T09:49:57	1	0	1	1	0	1.0416	1.0411	-0.0005	-0.9981	-0.9982	0.0001
2023-11-19T09:51:48	1	0	55	54	1	0.9468	0.9470	0.0002	-0.9955	-0.9955	0.0000
2023-11-19T09:52:57	2	0	1	1	0	1.0457	1.0452	-0.0005	-0.9941	-0.9946	0.0005
2023-11-19T09:54:35	1	0	1	1	0	1.0565	1.0555	-0.0010	-0.9833	-0.9834	0.0001
2023-11-19T09:57:56	1	0	1	0	1	1.0554	null	null	-0.9998	-0.9998	0.0000

2023-11-19T09:58:23	1	0	78	77	1	1.0564	1.0564	0.0000	0.9997	0.9997	0.0000
2023-11-19T09:58:29	1	0	1	1	0	1.0307	1.0303	-0.0004	1	1	0.0000
2023-11-19T09:58:52	2	0	515	511	4	0.8902	0.8905	0.0003	0.9145	0.9144	0.0001
2023-11-19T09:58:59	1	0	46	44	2	0.9448	0.9451	0.0003	0.9968	0.9969	-0.0001
2023-11-19T10:02:09	1	0	1	1	0	1.0622	1.0618	-0.0004	-0.9467	-0.946	-0.0007
2023-11-19T10:03:22	2	0	1	0	1	1.0567	null	null	0.9983	0.9984	-0.0001
2023-11-19T10:04:43	1	0	37	36	1	1.0528	1.0524	-0.0004	-0.9948	-0.9945	-0.0003
2023-11-19T10:04:49	4	0	2	1	1	1.0462	1.0458	-0.0004	-0.9839	-0.9842	0.0003
2023-11-19T10:10:00	1	0	3	3	0	1.0177	1.0175	-0.0001	0.9918	0.9918	0.0000
2023-11-19T10:12:57	1	0	1	1	0	1.0624	1.0621	-0.0003	-1	-1	0.0000
2023-11-19T10:13:48	2	0	1	1	0	1.0360	1.0338	-0.0022	-0.9737	-0.9741	0.0004
2023-11-19T10:13:53	1	0	198	198	0	0.9180	0.9181	0.0001	0.944	0.9425	0.0015
2023-11-19T10:17:27	1	0	13	13	0	1.0486	1.0485	0.0000	-0.9854	-0.9855	0.0001
2023-11-19T10:18:42	1	0	12	10	2	1.0471	1.0475	0.0004	-0.9923	-0.9921	-0.0002
2023-11-19T10:19:10	3	0	6	6	0	1.0347	1.0345	-0.0002	-0.9982	-0.9982	0.0000
2023-11-19T10:19:44	1	0	57	57	0	1.0602	1.0598	-0.0004	-0.997	-0.9967	-0.0003
2023-11-19T10:21:42	2	0	1	0	1	1.0564	null	null	0.9792	0.9789	0.0003
2023-11-19T10:21:50	1	0	54	54	0	0.9396	0.9330	-0.0066	-0.9954	-0.9954	0.0000
2023-11-19T10:22:07	7	0	18	15	3	1.0460	1.0450	-0.0010	-0.9974	-0.9975	0.0001
2023-11-19T10:22:59	1	0	2	2	0	1.0527	1.0525	-0.0003	-0.9973	-0.9975	0.0002
2023-11-19T10:23:12	1	0	9	9	0	0.9980	0.9980	0.0000	0.9467	0.9464	0.0003
2023-11-19T10:23:25	2	0	6	6	0	1.0428	1.0426	-0.0002	-0.9932	-0.9934	0.0002
2023-11-19T10:23:27	2	0	1	1	0	1.0344	1.0336	-0.0008	0.9956	0.9954	0.0002
2023-11-19T10:23:36	1	0	2	2	0	1.0406	1.0405	-0.0002	-0.9982	-0.9982	0.0000
2023-11-19T10:25:01	1	0	4	4	0	1.0172	1.0170	-0.0002	0.9914	0.9914	0.0000
2023-11-19T10:27:58	2	0	3	3	0	1.0499	1.0494	-0.0005	-0.9998	-0.9998	0.0000
2023-11-19T10:28:04	1	0	2	2	0	1.0235	1.0234	-0.0002	-0.9985	-0.9985	0.0000
2023-11-19T10:29:48	6	0	2	2	0	1.0341	1.0328	-0.0014	0.9975	0.9972	0.0003
2023-11-19T10:32:35	3	0	11	10	1	1.0490	1.0482	-0.0008	-0.9989	-0.9989	0.0000
2023-11-19T10:33:43	1	0	12	12	0	1.0470	1.0470	0.0000	-0.9935	-0.9933	-0.0002
2023-11-19T10:34:45	1	0	136	128	8	1.0621	1.0619	-0.0002	-0.9942	-0.9939	-0.0003
2023-11-19T10:34:47	3	0	1	1	0	1.0353	1.0344	-0.0009	-0.9863	-0.9715	-0.0148
2023-11-19T10:36:05	1	0	2	2	0	1.0399	1.0392	-0.0007	0.9627	0.9622	0.0005
2023-11-19T10:36:55	1	0	1	1	0	1.0120	1.0117	-0.0003	0.9989	0.9988	0.0001
2023-11-19T10:37:08	1	0	31	31	0	1.0501	1.0500	0.0000	-0.9971	-0.9971	0.0000
2023-11-19T10:38:08	2	0	3	3	0	1.0320	1.0315	-0.0005	0.9997	0.9997	0.0000
2023-11-19T10:38:15	1	0	4	4	0	1.0325	1.0323	-0.0002	0.9607	0.9605	0.0002
2023-11-19T10:38:50	3	0	1	0	1	1.0063	null	null	0.9992	0.9992	0.0000
2023-11-19T10:44:33	3	0	6	6	0	1.0340	1.0338	-0.0002	0.9993	0.9993	0.0000
2023-11-19T10:45:45	1	0	80	80	0	1.1466	1.1449	-0.0017	-0.9433	-0.9557	0.0124
2023-11-19T10:47:23	2	0	4	2	2	1.0532	1.0482	-0.0050	-0.9341	-0.9335	-0.0006
2023-11-19T10:48:44	3	0	13	13	0	1.0478	1.0476	-0.0002	-0.9916	-0.9918	0.0002
2023-11-19T10:48:55	1	0	8	9	-1	1.0497	1.0438	-0.0058	0.9555	0.9547	0.0008
2023-11-19T10:51:44	1	0	1	1	0	1.0565	1.0563	-0.0002	0.9812	0.9812	0.0000
2023-11-19T10:53:40	1	0	17	16	1	1.0497	1.0496	-0.0001	-0.9918	-0.9918	0.0000
2023-11-19T10:57:08	1	0	1	1	0	1.0335	1.0328	-0.0007	0.9987	0.9986	0.0001
2023-11-19T10:58:42	2	0	7	7	0	1.0383	1.0381	-0.0002	0.9952	0.9951	0.0001
2023-11-19T10:59:50	2	0	3	3	0	0.9819	0.9813	-0.0007	0.9964	0.9963	0.0001
2023-11-19T10:59:53	1	0	3	3	0	1.0371	1.0368	-0.0003	0.9836	0.9835	0.0001
2023-11-19T11:02:24	1	0	4	3	1	1.0546	1.0529	-0.0018	-0.9321	-0.9316	-0.0005
2023-11-19T11:03:26	1	0	1	0	1	1.0244	null	null	0.9989	0.9988	0.0001
2023-11-19T11:04:26	1	0	1	0	1	1.0557	null	null	-0.9997	-0.9997	0.0000
2023-11-19T11:04:35	2	0	5	5	0	1.0449	1.0443	-0.0006	0.9961	0.996	0.0001
2023-11-19T11:05:35	1	0	3	3	0	1.0573	1.0570	-0.0004	0.9982	0.9981	0.0001
2023-11-19T11:06:57	1	0	2	2	0	1.0256	1.0254	-0.0003	0.9982	0.9982	0.0000
2023-11-19T11:07:10	1	0	38	38	0	1.0498	1.0498	-0.0001	-0.9974	-0.9974	0.0000
2023-11-19T11:07:13	1	0	1	1	0	1.0235	1.0231	-0.0004	-0.9886	-0.9886	0.0000
2023-11-19T11:07:59	1	0	2	2	0	1.0308	1.0307	-0.0001	0.9774	0.9773	0.0001
2023-11-19T11:08:13	1	0	87	86	1	1.0564	1.0564	0.0000	0.9979	0.9979	0.0000
2023-11-19T11:10:26	1	0	30	30	0	1.0475	1.0475	0.0000	-0.9607	-0.9601	-0.0006
2023-11-19T11:12:55	2	0	1	0	1	1.0551	null	null	-0.9936	-0.9936	0.0000
2023-11-19T11:14:51	1	0	1	1	0	1.0463	1.0457	-0.0006	0.9968	0.9965	0.0003
2023-11-19T11:14:53	1	0	1	0	1	1.0552	null	null	0.9688	0.9687	0.0001
2023-11-19T11:16:27	4	0	327	296	31	1.0568	1.0566	-0.0001	-0.9965	-0.9967	0.0002
2023-11-19T11:19:16	1	0	7	7	0	1.0291	1.0289	-0.0001	-0.9992	-0.9992	0.0000
2023-11-19T11:19:54	7	0	2	2	0	1.0463	1.0452	-0.0010	-0.9824	-0.9829	0.0005
2023-11-19T11:21:46	2	0	2	2	0	1.0246	1.0240	-0.0006	0.9689	0.9679	0.0010
2023-11-19T11:21:54	1	0	5	5	0	1.0413	1.0413	-0.0001	0.9999	0.9999	0.0000
2023-11-19T11:21:54	4	0	22	25	-3	0.9541	0.9537	-0.0003	-0.9917	-0.992	0.0003
2023-11-19T11:22:11	2	0	44	43	1	1.0511	1.0509	-0.0002	-0.9963	-0.9968	0.0005
2023-11-19T11:23:42	3	0	13	12	1	1.0453	1.0450	-0.0003	-0.9964	-0.9964	0.0000
2023-11-19T11:25:55	1	0	1	1	0	1.0569	1.0564	-0.0005	0.9937	0.9936	0.0001
2023-11-19T11:28:21	1	0	2	2	0	1.0325	1.0320	-0.0005	0.9975	0.9974	0.0001
2023-11-19T11:29:54	1	0	1	1	0	1.0606	1.0599	-0.0007	0.9646	0.9644	0.0002
2023-11-19T11:31:10	1	0	4	4	0	1.0399	1.0399	0.0000	-0.9961	-0.9961	0.0000
2023-11-19T11:32:32	1	0	11	11	0	1.0491	1.0491	0.0000	-0.9924	-0.9924	0.0000
2023-11-19T11:33:56	4	0	1	2	-1	0.9740	1.0144	0.0405	0.9977	0.9977	0.0000
2023-11-19T11:33:58	7	0	8	8	0	1.0513	1.0513	-0.0001	0.9491	0.9493	-0.0002
2023-11-19T11:36:16	2	0	1	0	1	1.0564	null	null	0.9701	0.97	0.0001
2023-11-19T11:36:47	5	0	74	71	3	0.9378	0.9355	-0.0023	0.958	0.9589	-0.0009
2023-11-19T11:36:55	1	0	1	1	0	1.0485	1.0485	0.0000	0.9998	0.9998	0.0000
2023-11-19T11:38:41	3	0	2	3	-1	1.0423	1.0433	0.0010	-0.9974	-0.9974	0.0000
2023-11-19T11:42:11	4	0	2	2	0	1.0403	1.0400	-0.0004	-0.9983	-0.9984	0.0001
2023-11-19T11:44:37	3	0	7	8	-1	1.0345	1.0348	0.0002	0.9996	0.9996	0.0000
2023-11-19T11:46:11	1	0	5	5	0	1.0416	1.0416	0.0000	-0.9955	-0.9955	0.0000

2023-11-19T11:48:59	5	0	8	8	0	1.0502	1.0501	-0.0001	0.9511	0.9516	-0.0005
2023-11-19T11:51:17	1	0	2	1	1	1.0563	1.0551	-0.0012	0.9749	0.9747	0.0002
2023-11-19T11:51:56	1	0	1	2	-1	1.0452	1.0415	-0.0037	0.9998	0.9998	0.0000
2023-11-19T11:52:02	2	0	1	0	1	1.0572	null	null	0.9368	0.9368	0.0000
2023-11-19T12:03:02	1	0	5	4	1	1.0486	1.0465	-0.0021	-0.9997	-0.9997	0.0000
2023-11-19T12:04:00	5	0	11	11	0	1.0529	1.0526	-0.0003	0.9484	0.9719	-0.0235
2023-11-19T12:17:48	1	0	22	22	0	1.0472	1.0471	-0.0001	-0.9824	-0.9824	0.0000
2023-11-19T12:18:28	1	0	19	18	1	1.0469	1.0465	-0.0005	0.9998	0.9998	0.0000
2023-11-19T12:20:07	1	0	2	2	0	1.0355	1.0354	-0.0001	-0.9968	-0.9968	0.0000
2023-11-19T12:21:58	1	0	1	1	0	1.0461	1.0461	0.0000	1	1	0.0000
2023-11-19T12:27:14	3	0	1	1	0	1.0426	1.0426	0.0000	-0.9995	-0.9995	0.0000
2023-11-19T12:38:45	2	0	8	10	-2	1.0463	1.0464	0.0001	-0.9969	-0.9968	-0.0001
2023-11-19T12:41:28	2	0	112	111	1	1.0552	1.0551	0.0000	-0.9565	-0.9562	-0.0003
2023-11-19T12:42:17	1	0	56	56	0	1.0568	1.0567	-0.0001	0.9966	0.9967	-0.0001
2023-11-19T12:44:41	4	0	6	7	-1	1.0339	1.0332	-0.0007	0.9989	0.999	-0.0001
2023-11-19T12:53:17	1	0	9	9	0	1.0428	1.0427	-0.0002	-1	-1	0.0000
2023-11-19T12:56:29	2	0	131	131	0	1.0569	1.0569	0.0000	-0.9549	-0.9545	-0.0004
2023-11-19T12:57:16	3	0	2	2	0	1.0398	1.0393	-0.0006	-0.9994	-0.9995	0.0001
2023-11-19T12:59:31	1	0	329	329	0	1.0896	1.0896	0.0000	-0.9966	-0.9966	0.0000
2023-11-19T13:01:14	1	0	5	5	0	1.0510	1.0508	-0.0002	0.9955	0.9955	0.0000
2023-11-19T13:01:42	1	0	4	4	0	1.0018	1.0018	-0.0001	-0.9666	-0.9664	-0.0002
2023-11-19T13:04:40	1	0	1	0	1	0.9963	null	null	-0.9346	-0.9334	-0.0012
2023-11-19T13:08:47	2	0	11	10	1	1.0469	1.0460	-0.0008	-0.9953	-0.9952	-0.0001
2023-11-19T13:11:30	1	0	147	147	0	1.0567	1.0567	0.0000	-0.9514	-0.951	-0.0004
2023-11-19T13:12:17	3	0	6	7	-1	1.0417	1.0424	0.0007	-0.9943	-0.9938	-0.0005
2023-11-19T13:13:09	1	0	4	4	0	1.0420	1.0419	0.0000	-0.9999	-0.9999	0.0000
2023-11-19T13:18:33	3	0	1	1	0	1.0565	1.0565	0.0000	0.9859	0.9861	-0.0002
2023-11-19T13:19:05	1	0	8	10	-2	1.0484	1.0492	0.0009	0.9759	0.9758	0.0001
2023-11-19T13:31:44	1	0	3	3	0	1.0067	1.0067	0.0000	-0.9682	-0.9678	-0.0004
2023-11-19T13:34:04	3	0	2	1	1	1.0477	1.0398	-0.0079	0.9987	0.9986	0.0001
2023-11-19T13:41:32	6	0	139	135	4	1.0568	1.0567	-0.0001	-0.9477	-0.9475	-0.0002
2023-11-19T13:49:07	2	0	5	5	0	1.0389	1.0387	-0.0003	0.9467	0.9705	-0.0238
2023-11-19T13:53:50	2	0	8	8	0	1.0450	1.0448	-0.0002	-0.9946	-0.9946	0.0000
2023-11-19T13:59:53	1	0	112	107	5	1.0577	1.0576	-0.0001	-0.9991	-0.9991	0.0000
2023-11-19T14:00:16	1	0	143	143	0	0.8942	0.8943	0.0001	-0.9993	-0.9993	0.0000
2023-11-19T14:04:08	2	0	7	7	0	1.0409	1.0404	-0.0005	0.9442	0.9688	-0.0246
2023-11-19T14:04:59	4	0	2	2	0	1.0570	1.0570	0.0000	-0.9877	-0.9876	-0.0001
2023-11-19T14:05:14	1	0	3	3	0	1.0371	1.0370	-0.0001	-0.9972	-0.9973	0.0001
2023-11-19T14:06:16	2	0	1	0	1	1.0550	null	null	0.9626	0.9628	-0.0002
2023-11-19T14:08:29	2	0	1	1	0	1.0556	1.0550	-0.0006	-0.813	-0.8136	0.0006
2023-11-19T14:08:47	1	0	3	5	-2	0.9452	0.9450	-0.0002	-0.9997	-0.9997	0.0000
2023-11-19T14:08:51	4	0	5	2	3	1.0452	1.0469	0.0017	-0.9944	-0.9946	0.0002
2023-11-19T14:15:06	2	0	2	2	0	1.0576	1.0570	-0.0005	0.9806	0.9805	0.0001
2023-11-19T14:16:25	5	0	9	11	-2	1.0403	1.0413	0.0010	0.9647	0.9646	0.0001
2023-11-19T14:16:39	2	0	24	24	0	1.0513	1.0513	0.0000	0.9959	0.9961	-0.0002
2023-11-19T14:17:02	1	0	2	1	1	1.0502	1.0551	0.0049	0.9621	0.9613	0.0008
2023-11-19T14:17:37	1	0	4	5	-1	1.0541	1.0545	0.0004	-0.9204	-0.9194	-0.0010
2023-11-19T14:17:43	1	0	20	20	0	1.0494	1.0494	0.0000	-0.9901	-0.9901	0.0000
2023-11-19T14:19:09	2	0	9	9	0	1.0527	1.0526	-0.0001	0.9688	0.9682	0.0006
2023-11-19T14:22:06	8	0	1	1	0	1.0296	1.0296	0.0000	-0.9875	-0.9873	-0.0002
2023-11-19T14:23:48	2	0	26	23	3	0.9448	0.9449	0.0002	-0.9997	-0.9996	-0.0001
2023-11-19T14:23:52	4	0	5	5	0	1.0441	1.0438	-0.0003	-0.9939	-0.9939	0.0000
2023-11-19T14:24:07	1	0	4	4	0	1.0420	1.0418	-0.0003	-1	-0.9998	-0.0002
2023-11-19T14:27:09	1	0	59	56	3	1.0524	1.0521	-0.0002	-0.893	-0.8929	-0.0001
2023-11-19T14:27:23	3	0	7	6	1	1.0473	1.0469	-0.0003	-0.9841	-0.9843	0.0002
2023-11-19T14:28:14	3	0	7	6	1	1.0514	1.0499	-0.0015	-0.9992	-0.9992	0.0000
2023-11-19T14:28:56	2	0	5	5	0	1.0457	1.0457	0.0000	0.9973	0.9958	0.0015
2023-11-19T14:29:48	4	0	9	9	0	1.0347	1.0345	-0.0002	0.9993	0.9992	0.0001
2023-11-19T14:31:26	2	0	28	28	0	0.9568	0.9567	0.0000	0.9106	0.9104	0.0002
2023-11-19T14:32:36	2	0	16	13	3	1.0463	1.0463	0.0001	0.998	0.9979	0.0001
2023-11-19T14:34:08	2	0	1	1	0	0.9774	0.9779	0.0005	0.9987	0.9988	-0.0001
2023-11-19T14:36:59	2	0	1	1	0	1.0587	1.0583	-0.0004	0.9601	0.96	0.0001
2023-11-19T14:37:07	2	0	1	1	0	1.0283	1.0276	-0.0007	-0.9857	-0.9859	0.0002
2023-11-19T14:38:27	1	0	108	105	3	1.0576	1.0575	0.0000	0.9984	0.9984	0.0000
2023-11-19T14:38:47	2	0	25	24	1	1.0529	1.0527	-0.0002	0.9932	0.993	0.0002
2023-11-19T14:38:49	1	0	7	7	0	0.9495	0.9496	0.0001	-0.9995	-0.9994	-0.0001
2023-11-19T14:38:53	4	0	9	9	0	1.0455	1.0452	-0.0003	-0.9945	-0.9945	0.0000
2023-11-19T14:42:24	1	0	6	6	0	1.0473	1.0472	0.0000	-0.9851	-0.9849	-0.0002
2023-11-19T14:43:40	1	0	46	45	1	1.0513	1.0512	0.0000	0.9951	0.995	0.0001
2023-11-19T14:43:57	1	0	5	5	0	1.0430	1.0430	0.0000	0.9971	0.9979	-0.0008
2023-11-19T14:44:49	3	0	6	6	0	1.0339	1.0339	0.0000	0.9994	0.9994	0.0000
2023-11-19T14:45:07	1	0	1	1	0	1.0567	1.0566	-0.0001	0.9672	0.9672	0.0000
2023-11-19T14:46:01	1	0	81	81	0	1.1422	1.1422	0.0000	-0.9355	-0.9493	0.0138
2023-11-19T14:48:41	1	0	1	1	0	1.0268	1.0267	-0.0001	0.9993	0.9993	0.0000
2023-11-19T14:49:11	2	0	66	62	4	1.0604	1.0590	-0.0013	0.9724	0.9492	0.0232
2023-11-19T14:54:09	1	0	3	3	0	1.0480	1.0479	-0.0002	-0.9999	-0.9997	-0.0002
2023-11-19T14:55:21	3	0	2	3	-1	0.9956	1.0081	0.0125	0.9964	0.9965	-0.0001
2023-11-19T14:57:25	1	0	3	3	0	1.0459	1.0455	-0.0004	-0.982	-0.9821	0.0001
2023-11-19T15:01:28	3	0	193	189	4	0.9267	0.9268	0.0001	0.8839	0.8841	-0.0002
2023-11-19T15:05:18	1	0	2	2	0	1.0355	1.0354	-0.0002	-0.9962	-0.9962	0.0000
2023-11-19T15:08:57	1	0	44	43	1	1.0495	1.0495	-0.0001	-0.99	-0.9901	0.0001
2023-11-19T15:10:22	1	0	4	4	0	1.0211	1.0207	-0.0003	0.9964	0.9964	0.0000
2023-11-19T15:10:27	7	0	5	5	0	0.9851	0.9844	-0.0007	-0.9921	-0.9931	0.0010
2023-11-19T15:11:38	2	0	156	155	1	1.0560	1.0555	-0.0005	-0.9538	-0.9535	-0.0003
2023-11-19T15:13:59	2	0	5	5	0	1.0364	1.0364	0.0000	0.9962	0.997	-0.0008

2023-11-19T15:14:02	2	0	1	1	0	1.0214	1.0206	-0.0008	0.9818	0.9814	0.0004
2023-11-19T15:23:27	2	0	4	4	0	1.0335	1.0334	0.0000	0.9891	0.9892	-0.0001
2023-11-19T15:34:14	1	0	32	32	0	1.0550	1.0550	0.0000	0.9894	0.9893	0.0001
2023-11-19T15:37:03	2	0	1	1	0	0.9782	0.9790	0.0008	0.9587	0.959	-0.0003
2023-11-19T16:07:15	2	0	1	1	0	0.9424	0.9432	0.0008	-0.9919	-0.9917	-0.0002
2023-11-19T16:51:56	1	0	2	2	0	0.9893	0.9895	0.0001	0.9942	0.9941	0.0001
2023-11-19T16:52:08	1	0	142	142	0	0.9358	0.9358	0.0000	0.9821	0.9819	0.0002
2023-11-19T17:25:36	2	0	41	39	2	0.9280	0.9291	0.0011	-0.9992	-0.9992	0.0000
2023-11-20T07:51:45	1	0	331	331	0	0.8835	0.8837	0.0002	0.9495	0.9494	0.0001
2023-11-20T08:04:51	1	0	277	277	0	0.8974	0.8974	0.0000	0.8963	0.8963	0.0000
2023-11-20T08:05:08	1	0	101	101	0	1.0568	1.0568	0.0000	0.9915	0.9915	0.0000
2023-11-20T08:05:11	3	0	7	7	0	0.9439	0.9440	0.0001	-0.9861	-0.9856	-0.0005
2023-11-20T08:06:40	3	0	26	25	1	1.0507	1.0505	-0.0001	0.9997	0.9997	0.0000
2023-11-20T08:06:46	1	0	329	329	0	0.8934	0.8934	0.0000	0.9504	0.9502	0.0002
2023-11-20T08:09:34	1	0	23	23	0	0.9476	0.9476	0.0000	0.9959	0.996	-0.0001
2023-11-20T08:10:28	1	0	98	98	0	0.9323	0.9324	0.0000	-0.9924	-0.9919	-0.0005
2023-11-20T08:14:05	2	0	42	41	1	1.0549	1.0548	-0.0001	-0.9698	-0.9699	0.0001
2023-11-20T08:18:09	1	0	97	97	0	0.9409	0.9412	0.0002	0.9871	0.987	0.0001
2023-11-20T08:31:30	1	0	90	90	0	1.0544	1.0543	0.0000	0.9908	0.9909	-0.0001
2023-11-20T08:48:35	1	0	6	6	0	1.0467	1.0466	-0.0001	0.9984	0.9984	0.0000
2023-11-20T08:58:34	1	0	1	1	0	1.0385	1.0382	-0.0003	-0.9991	-0.9991	0.0000
2023-11-20T09:02:05	1	0	9	9	0	1.0399	1.0399	0.0000	0.9983	0.9983	0.0000
2023-11-20T09:03:12	1	0	76	71	5	0.9448	0.9454	0.0006	0.985	0.9849	0.0001
2023-11-20T09:03:36	1	0	6	6	0	1.0475	1.0475	-0.0001	0.9984	0.9983	0.0001
2023-11-20T09:05:15	1	0	20	19	1	0.9429	0.9432	0.0003	-0.9943	-0.9937	-0.0006
2023-11-20T09:06:50	2	0	263	262	1	0.8921	0.8925	0.0004	0.9475	0.9475	0.0000
2023-11-20T09:14:09	2	0	142	138	4	1.0593	1.0591	-0.0002	-0.9504	-0.9501	-0.0003
2023-11-20T09:15:37	9	0	73	73	0	0.9483	0.9494	0.0011	0.9934	0.9938	-0.0004
2023-11-20T09:19:38	5	0	20	20	0	1.0514	1.0513	0.0000	1	1	0.0000
2023-11-20T09:19:56	2	0	31	30	1	0.9395	0.9396	0.0001	0.9073	0.9075	-0.0002
2023-11-20T09:20:13	2	0	202	199	3	1.0619	1.0612	-0.0007	0.9933	0.9932	0.0001
2023-11-20T09:24:16	2	0	4	4	0	1.0213	1.0210	-0.0003	0.9779	0.9775	0.0004
2023-11-20T09:24:39	3	0	2	2	0	1.0215	1.0209	-0.0007	0.9926	0.9925	0.0001
2023-11-20T09:28:08	1	0	88	87	1	1.0562	1.0561	0.0000	0.9811	0.9811	0.0000
2023-11-20T09:30:36	3	0	3	3	0	0.9646	0.9653	0.0007	0.9904	0.9905	-0.0001
2023-11-20T09:30:55	1	0	5	5	0	1.0280	1.0280	-0.0001	0.9994	0.9994	0.0000
2023-11-20T09:31:34	1	0	68	67	1	1.0542	1.0542	0.0000	0.9902	0.9903	-0.0001
2023-11-20T09:32:15	2	0	1	1	0	1.0161	1.0155	-0.0006	0.9857	0.9857	0.0000
2023-11-20T09:33:35	2	0	1	0	1	1.0375	null	null	-0.9961	-0.9961	0.0000
2023-11-20T09:33:52	3	0	35	34	1	1.0478	1.0478	0.0000	1	1	0.0000
2023-11-20T09:35:21	11	0	35	36	-1	1.0522	1.0513	-0.0009	-0.9991	-0.9992	0.0001
2023-11-20T09:36:46	3	0	2	2	0	1.0262	1.0260	-0.0002	0.9986	0.9986	0.0000
2023-11-20T09:36:52	2	0	236	235	1	0.8939	0.8939	0.0000	0.9508	0.9508	0.0000
2023-11-20T09:40:03	2	0	1	1	0	1.0311	1.0306	-0.0005	0.9996	0.9996	0.0000
2023-11-20T09:40:35	3	0	82	81	1	0.9386	0.9387	0.0001	-0.9935	-0.9934	-0.0001
2023-11-20T09:45:39	1	0	73	73	0	0.9485	0.9487	0.0002	0.9941	0.9937	0.0004
2023-11-20T09:46:57	1	0	15	15	0	1.0382	1.0381	0.0000	0.9934	0.9933	0.0001
2023-11-20T09:47:08	1	0	58	57	1	1.0535	1.0535	0.0000	-0.9998	-0.9998	0.0000
2023-11-20T09:48:40	3	0	7	7	0	1.0485	1.0484	-0.0001	0.9984	0.9984	0.0000
2023-11-20T09:49:46	2	0	6	6	0	1.0382	1.0381	-0.0001	0.9978	0.9979	-0.0001
2023-11-20T09:50:15	2	0	221	219	2	1.0643	1.0642	0.0000	0.9933	0.9933	0.0000
2023-11-20T09:53:04	2	0	124	123	1	1.0551	1.0551	0.0000	-0.9777	-0.9776	-0.0001
2023-11-20T09:54:26	5	0	87	87	0	0.9221	0.9231	0.0010	0.9923	0.9925	-0.0002
2023-11-20T09:54:53	1	0	64	64	0	0.9424	0.9424	0.0000	0.9944	0.9943	0.0001
2023-11-20T09:56:33	4	0	4	4	0	0.9874	0.9864	-0.0010	0.9986	0.9985	0.0001
2023-11-20T09:58:57	1	0	1	1	0	1.0561	1.0557	-0.0004	-0.9553	-0.9546	-0.0007
2023-11-20T09:59:31	1	0	1	1	0	1.0369	1.0365	-0.0004	0.9842	0.9842	0.0000
2023-11-20T10:00:11	1	0	1	1	0	1.0288	1.0283	-0.0005	0.9989	0.9988	0.0001
2023-11-20T10:00:58	1	0	4	4	0	1.0313	1.0312	-0.0002	0.9995	0.9995	0.0000
2023-11-20T10:01:32	3	0	1	1	0	1.0386	1.0378	-0.0008	0.9822	0.9947	-0.0125
2023-11-20T10:01:59	3	0	5	5	0	1.0334	1.0331	-0.0003	0.9982	0.998	0.0002
2023-11-20T10:02:09	6	0	55	51	4	1.0527	1.0523	-0.0004	-0.9996	-0.9996	0.0000
2023-11-20T10:04:47	1	0	5	5	0	1.0478	1.0477	-0.0001	0.9982	0.9982	0.0000
2023-11-20T10:05:03	2	0	2	0	2	1.0455	null	null	-0.8551	-0.8556	0.0005
2023-11-20T10:05:11	1	0	25	25	0	0.9388	0.9389	0.0001	-0.9986	-0.9986	0.0000
2023-11-20T10:05:23	5	0	30	31	-1	1.0480	1.0478	-0.0002	-0.9987	-0.9992	0.0005
2023-11-20T10:06:26	1	0	2	2	0	1.0529	1.0524	-0.0006	-0.9963	-0.9963	0.0000
2023-11-20T10:06:48	1	0	2	2	0	1.0238	1.0237	-0.0002	0.9987	0.9987	0.0000
2023-11-20T10:08:05	2	0	124	122	2	1.0556	1.0556	0.0000	-0.9803	-0.9802	-0.0001
2023-11-20T10:10:37	3	0	3	3	0	0.9864	0.9854	-0.0010	-0.989	-0.9894	0.0004
2023-11-20T10:10:39	1	0	727	727	0	0.8680	0.8690	0.0011	0.9499	0.9534	-0.0035
2023-11-20T10:15:59	1	0	5	5	0	1.0267	1.0266	-0.0001	0.9992	0.9992	0.0000
2023-11-20T10:16:17	1	0	4	4	0	1.0440	1.0439	-0.0001	-0.9693	-0.969	-0.0003
2023-11-20T10:17:10	2	0	51	50	1	1.0523	1.0521	-0.0002	-1	-1	0.0000
2023-11-20T10:18:30	1	0	1	1	0	0.9444	0.9448	0.0004	0.9483	0.9484	-0.0001
2023-11-20T10:18:55	3	0	4	4	0	1.0375	1.0373	-0.0002	0.999	0.999	0.0000
2023-11-20T10:20:20	1	0	1	1	0	0.9435	0.9435	0.0000	-0.9888	-0.9882	-0.0006
2023-11-20T10:23:06	1	0	130	129	1	1.0562	1.0562	0.0000	-0.9787	-0.9785	-0.0002
2023-11-20T10:25:49	1	0	2	2	0	1.0309	1.0308	-0.0001	-1	-1	0.0000
2023-11-20T10:26:35	2	0	4	2	2	1.0087	0.9879	-0.0207	0.9984	0.9982	0.0002
2023-11-20T10:30:42	7	0	3	3	0	1.0313	1.0304	-0.0009	0.9982	0.9969	0.0013
2023-11-20T10:32:11	3	0	64	58	6	1.0545	1.0544	0.0000	-1	-1	0.0000
2023-11-20T10:32:25	1	0	1	0	1	1.0555	null	null	0.9765	0.9765	0.0000
2023-11-20T10:33:31	3	0	5	4	1	0.9540	0.9544	0.0005	0.9413	0.9419	-0.0006
2023-11-20T10:33:39	7	0	1	0	1	1.0450	null	null	-0.9965	-0.9966	0.0001

2023-11-20T10:33:43	1	0	1	1	0	1.0131	1.0127	-0.0004	0.9949	0.9949	0.0000
2023-11-20T10:34:43	4	0	8	8	0	1.0490	1.0487	-0.0003	-1	-1	0.0000
2023-11-20T10:35:13	2	0	12	12	0	0.9385	0.9388	0.0003	-0.9977	-0.9976	-0.0001
2023-11-20T10:36:50	1	0	2	2	0	1.0256	1.0254	-0.0002	0.9983	0.9983	0.0000
2023-11-20T10:38:07	4	0	149	147	2	1.0567	1.0567	0.0000	-0.9718	-0.9716	-0.0002
2023-11-20T10:40:16	2	0	24	24	0	1.0519	1.0518	-0.0001	-0.9978	-0.9978	0.0000
2023-11-20T10:40:36	2	0	1	0	1	1.0069	null	null	-0.9981	-0.9982	0.0001
2023-11-20T10:40:39	1	0	9	9	0	0.9446	0.9449	0.0002	-0.9923	-0.9922	-0.0001
2023-11-20T10:41:38	1	0	2	2	0	1.0508	1.0503	-0.0005	0.9936	0.9935	0.0001
2023-11-20T10:44:17	1	0	13	13	0	1.0457	1.0456	0.0000	-0.9981	-0.9981	0.0000
2023-11-20T10:44:44	1	0	10	9	1	1.0508	1.0498	-0.0009	0.9733	0.9731	0.0002
2023-11-20T10:45:14	2	0	3	2	1	1.0360	1.0234	-0.0126	0.9988	0.9988	0.0000
2023-11-20T10:45:33	3	0	15	14	1	1.0479	1.0480	0.0001	-0.9998	-0.9999	0.0001
2023-11-20T10:46:34	3	0	68	68	0	0.9350	0.9355	0.0005	0.9936	0.9937	-0.0001
2023-11-20T10:47:02	1	0	5	5	0	1.0331	1.0329	-0.0002	0.9972	0.9971	0.0001
2023-11-20T10:47:12	5	0	57	54	3	1.0546	1.0540	-0.0005	-0.9999	-0.9999	0.0000
2023-11-20T10:47:26	1	0	1	1	0	1.0578	1.0574	-0.0004	0.9755	0.9755	0.0000
2023-11-20T10:48:40	2	0	1	1	0	0.9431	0.9442	0.0011	-0.9975	-0.9974	-0.0001
2023-11-20T10:48:51	1	0	6	6	0	1.0431	1.0430	-0.0001	-0.9927	-0.9928	0.0001
2023-11-20T10:48:55	1	0	2	2	0	1.0305	1.0303	-0.0001	-0.998	-0.998	0.0000
2023-11-20T10:48:57	1	0	8	8	0	1.0456	1.0455	-0.0001	0.9995	0.9995	0.0000
2023-11-20T10:50:00	1	0	3	3	0	1.0506	1.0505	-0.0001	0.9942	0.994	0.0002
2023-11-20T10:50:06	1	0	2	2	0	1.0451	1.0451	0.0000	-0.8432	-0.8433	0.0001
2023-11-20T10:50:19	2	0	27	26	1	1.0521	1.0520	-0.0001	0.9734	0.9728	0.0006
2023-11-20T10:50:34	1	0	168	168	0	0.9632	0.9634	0.0002	1	1	0.0000
2023-11-20T10:53:08	2	0	154	152	2	1.0567	1.0567	0.0000	-0.9723	-0.9721	-0.0002
2023-11-20T10:55:17	1	0	22	22	0	1.0523	1.0523	0.0000	-0.9971	-0.9971	0.0000
2023-11-20T10:55:40	3	0	20	20	0	0.9477	0.9480	0.0003	-0.9871	-0.987	-0.0001
2023-11-20T10:55:42	1	0	2	2	0	1.0128	1.0116	-0.0012	0.9923	0.9901	0.0022
2023-11-20T11:01:22	2	0	3	3	0	0.9894	0.9893	-0.0001	0.9629	0.9621	0.0008
2023-11-20T11:02:13	2	0	81	77	4	1.0566	1.0566	0.0000	-1	-1	0.0000
2023-11-20T11:03:33	2	0	3	4	-1	0.9997	1.0134	0.0138	0.9615	0.9617	-0.0002
2023-11-20T11:03:41	5	0	1	1	0	1.0474	1.0468	-0.0006	-0.9906	-0.9908	0.0002
2023-11-20T11:05:00	2	0	2	2	0	1.0286	1.0282	-0.0004	0.9764	0.9762	0.0002
2023-11-20T11:05:15	1	0	18	17	1	0.9438	0.9455	0.0017	-0.9995	-0.9995	0.0000
2023-11-20T11:05:27	5	0	38	38	0	1.0527	1.0527	0.0000	-0.9981	-0.9982	0.0001
2023-11-20T11:08:09	5	0	187	185	2	1.0585	1.0585	0.0000	-0.9684	-0.9684	0.0000
2023-11-20T11:09:46	1	0	4	4	0	1.0403	1.0401	-0.0002	0.9947	0.9947	0.0000
2023-11-20T11:09:55	1	0	1	1	0	1.0184	1.0180	-0.0004	-0.9998	-0.9998	0.0000
2023-11-20T11:10:43	1	0	719	708	11	0.8819	0.8827	0.0007	0.9475	0.9474	0.0001
2023-11-20T11:13:15	2	0	118	117	1	1.0572	1.0571	-0.0001	0.9788	0.9785	0.0003
2023-11-20T11:13:37	1	0	4	4	0	1.0487	1.0486	-0.0001	0.9706	0.9694	0.0012
2023-11-20T11:14:36	1	0	1	1	0	1.0294	1.0291	-0.0003	0.9868	0.9683	0.0185
2023-11-20T11:15:11	2	0	45	43	2	1.0507	1.0504	-0.0003	0.9854	0.9854	0.0000
2023-11-20T11:15:16	2	0	4	3	1	1.0365	1.0291	-0.0075	0.9992	0.9992	0.0000
2023-11-20T11:15:45	5	0	5	6	-1	0.9849	1.0139	0.0290	0.9847	0.9868	-0.0021
2023-11-20T11:16:03	6	0	7	7	0	1.0315	1.0308	-0.0006	0.9998	0.9998	0.0000
2023-11-20T11:16:41	1	0	118	117	1	1.0560	1.0560	0.0000	0.9903	0.9903	0.0000
2023-11-20T11:17:14	1	0	76	75	1	1.0567	1.0567	0.0000	-0.9999	-0.9999	0.0000
2023-11-20T11:17:24	8	0	27	25	2	1.0504	1.0500	-0.0004	0.9829	0.9829	0.0000
2023-11-20T11:18:42	1	0	5	5	0	1.0446	1.0445	-0.0001	0.9974	0.9975	-0.0001
2023-11-20T11:19:00	3	0	13	13	0	1.0430	1.0427	-0.0003	0.9995	0.9995	0.0000
2023-11-20T11:19:13	2	0	29	28	1	1.0503	1.0501	-0.0002	0.9877	0.9877	0.0000
2023-11-20T11:19:46	4	0	20	19	1	1.0493	1.0494	0.0002	-0.9999	-0.9999	0.0000
2023-11-20T11:20:10	1	0	102	102	0	0.9376	0.9377	0.0000	-0.9989	-0.9989	0.0000
2023-11-20T11:20:16	1	0	13	13	0	0.9480	0.9479	-0.0002	-0.9968	-0.9968	0.0000
2023-11-20T11:20:36	3	0	160	157	3	0.9651	0.9654	0.0003	1	1	0.0000
2023-11-20T11:22:40	3	0	2	2	0	1.0421	1.0417	-0.0004	-0.9878	-0.9884	0.0006
2023-11-20T11:22:43	1	0	1	1	0	1.0624	1.0619	-0.0005	0.9956	0.9955	0.0001
2023-11-20T11:23:10	1	0	187	187	0	1.0575	1.0575	0.0000	-0.9736	-0.9735	-0.0001
2023-11-20T11:26:39	2	0	5	5	0	0.9825	0.9597	-0.0228	0.9887	0.9884	0.0003
2023-11-20T11:26:46	1	0	2	2	0	1.0307	1.0304	-0.0004	0.9826	0.9825	0.0001
2023-11-20T11:28:38	2	0	3	3	0	1.0463	1.0463	0.0000	0.9725	0.9724	0.0001
2023-11-20T11:29:20	1	0	17	17	0	1.0461	1.0461	0.0000	-0.9983	-0.9984	0.0001
2023-11-20T11:30:38	3	0	7	7	0	1.0500	1.0498	-0.0001	0.9999	0.9999	0.0000
2023-11-20T11:30:46	5	0	5	5	0	1.0308	1.0308	0.0000	0.9988	0.9982	0.0006
2023-11-20T11:31:53	2	0	1	0	1	1.0557	null	null	-0.9812	-0.9813	0.0001
2023-11-20T11:36:41	2	0	2	2	0	1.0584	1.0581	-0.0003	0.9999	0.9998	0.0001
2023-11-20T11:38:11	3	0	189	187	2	1.0569	1.0569	0.0000	-0.9706	-0.9705	-0.0001
2023-11-20T11:39:48	4	0	7	7	0	1.0357	1.0356	-0.0001	0.9978	0.9978	0.0000
2023-11-20T11:39:57	1	0	2	2	0	1.0234	1.0234	0.0000	-0.9993	-0.9993	0.0000
2023-11-20T11:40:01	1	0	49	49	0	0.9440	0.9440	0.0000	0.9945	0.9944	0.0001
2023-11-20T11:40:43	5	0	1	2	-1	0.9534	0.9911	0.0377	-0.9889	-0.9888	-0.0001
2023-11-20T11:40:54	1	0	1	1	0	1.0316	1.0315	-0.0001	-1	-1	0.0000
2023-11-20T11:41:40	9	0	2	2	0	0.9412	0.9413	0.0001	0.9902	0.9904	-0.0002
2023-11-20T11:44:21	1	0	22	22	0	1.0466	1.0466	0.0000	-0.9984	-0.9984	0.0000
2023-11-20T11:45:16	8	0	66	60	6	0.9208	0.9214	0.0006	0.9627	0.9634	-0.0007
2023-11-20T11:45:18	2	0	4	4	0	1.0366	1.0304	-0.0062	0.9991	0.9991	0.0000
2023-11-20T11:45:47	4	0	2	2	0	1.0223	1.0222	-0.0001	0.9976	0.9977	-0.0001
2023-11-20T11:46:54	1	0	1	1	0	1.0559	1.0558	-0.0001	-0.9806	-0.9806	0.0000
2023-11-20T11:47:26	4	0	32	30	2	1.0516	1.0512	-0.0004	0.9819	0.9817	0.0002
2023-11-20T11:49:02	10	0	29	16	13	1.0498	1.0503	0.0005	0.9995	0.9993	0.0002
2023-11-20T11:50:04	1	0	43	43	0	1.0533	1.0533	0.0000	0.9939	0.994	-0.0001
2023-11-20T11:50:10	1	0	2	3	-1	1.0504	1.0488	-0.0017	-0.8424	-0.8416	-0.0008
2023-11-20T11:50:33	1	0	12	12	0	1.0391	1.0391	-0.0001	0.9943	0.9942	0.0001

2023-11-20T11:54:58	1	0	1	1	0	1.0222	1.0222	0.0000	-0.9995	-0.9995	0.0000
2023-11-20T11:55:44	4	0	2	2	0	0.9430	0.9430	0.0000	-0.9851	-0.985	-0.0001
2023-11-20T11:56:41	7	0	17	17	0	0.9400	0.9400	0.0000	0.9894	0.9894	0.0000
2023-11-20T12:00:48	3	0	2	2	0	1.0213	1.0213	0.0000	0.9977	0.9979	-0.0002
2023-11-20T12:09:59	1	0	3	3	0	1.0452	1.0452	0.0000	0.9993	0.9993	0.0000
2023-11-20T12:11:42	7	0	2	2	0	0.9433	0.9433	0.0000	0.9913	0.9913	0.0000
2023-11-20T12:12:39	1	0	1	0	1	1.0572	null	null	-0.9784	-0.9784	0.0000
2023-11-20T12:13:41	2	0	7	4	3	1.0486	1.0488	0.0002	0.9624	0.9568	0.0056
2023-11-20T12:16:55	1	0	2	2	0	1.0383	1.0380	-0.0003	0.9998	0.9998	0.0000
2023-11-20T12:20:17	4	0	7	7	0	1.0523	1.0523	0.0000	0.9957	0.9957	0.0000
2023-11-20T12:26:43	3	0	2	2	0	0.9432	0.9433	0.0000	0.9925	0.9923	0.0002
2023-11-20T12:30:19	8	0	6	6	0	0.9441	0.9441	0.0000	0.9689	0.9704	-0.0015
2023-11-20T12:30:21	1	0	1	2	-1	1.0301	1.0441	0.0140	0.9998	0.9999	-0.0001
2023-11-20T12:30:50	1	0	2	2	0	1.0221	1.0220	-0.0001	0.9978	0.9977	0.0001
2023-11-20T12:32:57	2	0	13	12	1	1.0003	0.9953	-0.0049	0.9648	0.9649	-0.0001
2023-11-20T12:36:45	1	0	1	1	0	1.0615	1.0615	0.0000	0.9999	0.9999	0.0000
2023-11-20T12:47:02	1	0	50	49	1	1.0488	1.0487	-0.0002	-0.9601	-0.96	-0.0001
2023-11-20T12:55:06	1	0	33	33	0	0.9442	0.9442	0.0000	0.9918	0.9917	0.0001
2023-11-20T13:05:09	1	0	1	1	0	1.0455	1.0455	0.0000	0.9959	0.996	-0.0001
2023-11-20T13:11:46	1	0	8	8	0	0.9417	0.9418	0.0000	0.9882	0.9883	-0.0001
2023-11-20T13:27:44	1	0	80	80	0	1.1263	1.1258	-0.0006	-0.9857	-0.9857	0.0000
2023-11-20T13:30:20	1	0	36	33	3	1.0491	1.0489	-0.0003	0.9874	0.9874	0.0000
2023-11-20T13:40:24	1	0	7	7	0	1.0515	1.0515	0.0000	0.9849	0.9849	0.0000
2023-11-20T13:42:45	1	0	80	80	0	1.1566	1.1560	-0.0006	-0.9811	-0.9812	0.0001
2023-11-20T13:43:32	1	0	111	106	5	0.9415	0.9420	0.0005	0.9578	0.9578	0.0000
2023-11-20T13:47:06	1	0	43	42	1	1.0491	1.0489	-0.0002	-0.9685	-0.9686	0.0001
2023-11-20T13:47:34	4	0	34	33	1	1.0517	1.0515	-0.0002	0.9827	0.9827	0.0000
2023-11-20T13:55:10	1	0	73	73	0	0.9412	0.9412	0.0000	0.9889	0.9888	0.0001
2023-11-20T14:02:05	1	0	56	55	1	1.0487	1.0486	-0.0001	-0.9963	-0.9963	0.0000
2023-11-20T14:02:07	1	0	46	45	1	1.0502	1.0500	-0.0002	-0.9686	-0.9685	-0.0001
2023-11-20T14:04:24	3	0	59	57	2	1.0505	1.0503	-0.0002	0.9883	0.9882	0.0001
2023-11-20T14:05:15	5	0	2	1	1	1.0439	1.0570	0.0132	0.9457	0.9449	0.0008
2023-11-20T14:05:27	3	0	13	13	0	0.9584	0.9584	0.0000	-0.9961	-0.9961	0.0000
2023-11-20T14:07:04	4	0	7	13	-6	1.0542	1.0549	0.0008	0.9995	0.9996	-0.0001
2023-11-20T14:10:11	1	0	38	38	0	0.9447	0.9447	0.0000	0.9907	0.9906	0.0001
2023-11-20T14:10:42	1	0	3	3	0	1.0183	1.0182	-0.0001	0.9823	0.9823	0.0000
2023-11-20T14:13:49	1	0	4	4	0	1.0484	1.0482	-0.0002	0.9678	0.9618	0.0060
2023-11-20T14:13:55	1	0	1	2	-1	1.0344	1.0450	0.0106	0.9991	0.9991	0.0000
2023-11-20T14:14:32	1	0	48	47	1	1.0496	1.0495	-0.0001	-0.9936	-0.9936	0.0000
2023-11-20T14:14:58	2	0	12	11	1	1.0511	1.0507	-0.0005	0.9754	0.9754	0.0000
2023-11-20T14:15:23	3	0	70	67	3	1.0532	1.0529	-0.0003	0.9857	0.9856	0.0001
2023-11-20T14:15:28	1	0	2	2	0	1.0248	1.0247	-0.0001	0.9997	0.9997	0.0000
2023-11-20T14:17:34	1	0	1	1	0	1.0306	1.0306	0.0000	0.9856	0.9857	-0.0001
2023-11-20T14:20:16	3	0	8	8	0	0.9959	0.9955	-0.0003	0.9364	0.9361	0.0003
2023-11-20T14:20:25	4	0	4	4	0	1.0394	1.0392	-0.0002	0.9949	0.9948	0.0001
2023-11-20T14:20:28	2	0	4	4	0	1.0416	1.0416	-0.0001	-0.9905	-0.9905	0.0000
2023-11-20T14:20:43	1	0	3	3	0	1.0284	1.0284	0.0000	0.9961	0.9961	0.0000
2023-11-20T14:22:05	3	0	3	3	0	1.0396	1.0395	-0.0001	0.9998	0.9998	0.0000
2023-11-20T14:23:22	3	0	141	139	2	1.0558	1.0558	0.0000	-0.9805	-0.9805	0.0000
2023-11-20T14:25:47	2	0	1	1	0	1.0166	1.0156	-0.0010	0.9792	0.9787	0.0005
2023-11-20T14:25:57	1	0	1	1	0	1.0051	1.0042	-0.0009	0.9526	0.9522	0.0004
2023-11-20T14:26:53	1	0	2	2	0	1.0558	1.0555	-0.0003	0.9935	0.9933	0.0002
2023-11-20T14:28:30	1	0	1	0	1	1.0286	null	null	0.9973	0.9972	0.0001
2023-11-20T14:28:50	1	0	3	3	0	1.0464	1.0463	-0.0001	0.9742	0.9736	0.0006
2023-11-20T14:29:59	1	0	8	8	0	1.0501	1.0501	0.0000	0.976	0.9759	0.0001
2023-11-20T14:30:50	2	0	16	15	1	1.0475	1.0475	0.0001	1	1	0.0000
2023-11-20T14:32:45	3	0	7	7	0	1.0488	1.0486	-0.0001	-0.9534	-0.9537	0.0003
2023-11-20T14:34:02	2	0	14	14	0	1.0502	1.0501	-0.0001	-1	-1	0.0000
2023-11-20T14:34:13	8	0	20	19	1	1.0466	1.0466	0.0000	0.9996	0.9996	0.0000
2023-11-20T14:35:17	6	0	134	129	5	0.9270	0.9272	0.0001	0.8838	0.8836	0.0002
2023-11-20T14:35:26	3	0	4	4	0	1.0405	1.0404	-0.0001	0.9951	0.9951	0.0000
2023-11-20T14:35:29	1	0	3	3	0	1.0443	1.0443	0.0000	-0.9946	-0.9946	0.0000
2023-11-20T14:36:33	3	0	3	3	0	1.0375	1.0373	-0.0001	0.9998	0.9998	0.0000
2023-11-20T14:37:17	3	0	149	147	2	0.9206	0.9208	0.0002	0.9646	0.9642	0.0004
2023-11-20T14:38:23	2	0	138	137	1	1.0552	1.0552	0.0000	-0.979	-0.9789	-0.0001
2023-11-20T14:40:32	1	0	38	37	1	1.0537	1.0537	0.0000	-0.9952	-0.9952	0.0000
2023-11-20T14:40:55	1	0	2	2	0	0.9490	0.9491	0.0001	-0.9824	-0.9822	-0.0002
2023-11-20T14:42:55	1	0	36	35	1	1.0478	1.0475	-0.0002	-0.9992	-0.9992	0.0000
2023-11-20T14:43:59	3	0	1	2	-1	1.0319	1.0275	-0.0044	0.9992	0.9992	0.0000
2023-11-20T14:44:34	1	0	28	28	0	1.0473	1.0472	0.0000	-0.9962	-0.9963	0.0001
2023-11-20T14:45:00	1	0	10	10	0	1.0496	1.0496	0.0000	0.9765	0.9765	0.0000
2023-11-20T14:45:51	2	0	16	16	0	1.0469	1.0469	0.0000	1	1	0.0000
2023-11-20T14:48:56	5	0	2	2	0	1.0335	1.0320	-0.0015	-0.9982	-0.9984	0.0002
2023-11-20T14:50:16	1	0	3	3	0	1.0398	1.0397	-0.0001	0.9981	0.9981	0.0000
2023-11-20T14:50:45	1	0	4	4	0	1.0337	1.0336	-0.0001	0.9972	0.9972	0.0000
2023-11-20T14:52:47	2	0	36	35	1	1.0500	1.0506	0.0006	0.9998	0.9998	0.0000
2023-11-20T14:55:56	2	0	1	1	0	1.0387	1.0360	-0.0027	-0.9831	-0.9833	0.0002
2023-11-20T14:55:59	1	0	1	1	0	1.0010	1.0009	-0.0001	0.9545	0.9544	0.0001
2023-11-20T14:59:25	2	0	16	16	0	1.0470	1.0468	-0.0001	0.9982	0.9981	0.0001
2023-11-20T15:01:01	1	0	4	4	0	1.0295	1.0295	0.0000	0.9979	0.9979	0.0000
2023-11-20T15:02:19	1	0	5	5	0	1.0271	1.0269	-0.0001	0.9834	0.9832	0.0002
2023-11-20T15:11:08	1	0	1	1	0	1.0336	1.0335	-0.0001	1	1	0.0000
2023-11-20T15:19:35	1	0	17	16	1	1.0513	1.0510	-0.0003	0.9999	0.9999	0.0000
2023-11-20T15:22:49	2	0	30	30	0	1.0480	1.0478	-0.0002	0.9977	0.9977	0.0000
2023-11-20T15:32:09	2	0	2	2	0	1.0375	1.0371	-0.0005	0.9975	0.9974	0.0001

2023-11-20T15:35:53	2	0	60	60	0	0.9716	0.9716	0.0000	-0.9995	-0.9995	0.0000
2023-11-20T15:45:04	3	0	106	104	2	1.0580	1.0578	-0.0001	0.98	0.9798	0.0002
2023-11-20T15:45:34	1	0	1	1	0	1.0253	1.0249	-0.0004	0.9988	0.9988	0.0000
2023-11-20T15:47:22	1	0	1	1	0	1.0239	1.0239	0.0000	0.9891	0.9891	0.0000
2023-11-20T15:47:41	1	0	1	1	0	1.0108	1.0107	-0.0001	0.9863	0.9863	0.0000
2023-11-20T16:03:40	1	0	5	4	1	0.9436	0.9442	0.0006	0.993	0.9927	0.0003
2023-11-20T16:05:35	1	0	2	2	0	1.0332	1.0331	-0.0001	-0.9981	-0.9981	0.0000
2023-11-20T16:05:59	1	0	2	2	0	0.9436	0.9439	0.0004	0.993	0.9932	-0.0002
2023-11-20T16:23:59	1	0	1	1	0	1.0118	1.0115	-0.0003	1	1	0.0000
2023-11-20T16:28:36	1	0	194	189	5	1.0574	1.0574	0.0000	0.9608	0.9607	0.0001
2023-11-20T17:20:17	1	0	24	23	1	0.9430	0.9432	0.0003	0.8719	0.8723	-0.0004
2023-11-20T17:48:47	1	0	17	12	5	0.9541	0.9547	0.0006	0.9905	0.9907	-0.0002
2023-11-20T17:50:19	1	0	26	26	0	0.9425	0.9425	0.0000	0.8739	0.8649	0.0090
2023-11-20T18:20:21	1	0	21	20	1	1.0510	1.0507	-0.0003	-0.9981	-0.9981	0.0000
2023-11-20T18:30:15	2	0	36	36	0	1.0552	1.0552	0.0000	0.9837	0.9837	0.0000
2023-11-21T07:51:48	1	0	237	237	0	0.9030	0.9032	0.0002	0.9563	0.9561	0.0002
2023-11-21T07:55:30	1	0	43	43	0	0.9435	0.9436	0.0000	-0.9944	-0.9941	-0.0003
2023-11-21T07:58:02	1	0	161	159	2	1.0572	1.0572	0.0000	0.9968	0.9968	0.0000
2023-11-21T08:05:11	1	0	79	77	2	1.0560	1.0560	0.0000	0.9945	0.9945	0.0000
2023-11-21T08:06:42	3	0	39	35	4	1.0547	1.0544	-0.0002	0.9983	0.9982	0.0001
2023-11-21T08:06:49	1	0	254	253	1	0.9084	0.9084	0.0000	0.9562	0.9561	0.0001
2023-11-21T08:14:07	2	0	67	67	0	1.0556	1.0555	-0.0001	-0.9596	-0.9592	-0.0004
2023-11-21T08:15:32	3	0	94	86	8	0.9406	0.9409	0.0002	0.9877	0.9877	0.0000
2023-11-21T08:29:16	1	0	9	9	0	1.0490	1.0490	0.0000	0.9973	0.9973	0.0000
2023-11-21T08:31:30	1	0	151	151	0	1.0562	1.0562	0.0000	0.9918	0.9918	0.0000
2023-11-21T08:36:07	1	0	1	1	0	1.0284	1.0284	0.0000	0.9836	0.9836	0.0000
2023-11-21T08:51:45	1	0	78	77	1	1.0326	1.0327	0.0000	0.9927	0.9927	0.0000
2023-11-21T08:58:35	1	0	1	1	0	1.0274	1.0271	-0.0003	-0.9993	-0.9993	0.0000
2023-11-21T08:59:38	1	0	75	74	1	1.0563	1.0563	0.0000	0.9776	0.9775	0.0001
2023-11-21T09:00:54	1	0	2	2	0	1.0194	1.0194	0.0000	-0.9999	-0.9995	-0.0004
2023-11-21T09:04:06	3	0	5	5	0	1.0453	1.0453	0.0000	0.9934	0.9934	0.0000
2023-11-21T09:05:15	3	0	202	200	2	1.0616	1.0616	-0.0001	0.9948	0.9948	0.0000
2023-11-21T09:05:17	2	0	13	9	4	0.9444	0.9448	0.0004	-0.9935	-0.993	-0.0005
2023-11-21T09:06:46	1	0	21	20	1	1.0518	1.0517	-0.0001	0.9939	0.9939	0.0000
2023-11-21T09:06:53	2	0	232	232	0	0.9064	0.9068	0.0004	0.9564	0.9563	0.0001
2023-11-21T09:11:05	1	0	15	15	0	1.0048	1.0049	0.0001	0.9994	0.9994	0.0000
2023-11-21T09:13:55	2	0	14	13	1	0.9434	0.9439	0.0004	-1	-1	0.0000
2023-11-21T09:14:11	1	0	99	98	1	1.0568	1.0567	-0.0001	-0.9471	-0.9469	-0.0002
2023-11-21T09:15:38	7	0	24	17	7	1.0538	1.0518	-0.0020	0.9986	0.9985	0.0001
2023-11-21T09:16:33	1	0	153	153	0	1.0558	1.0558	0.0000	0.9908	0.9908	0.0000
2023-11-21T09:19:57	2	0	31	31	0	0.9426	0.9430	0.0003	0.9471	0.9458	0.0013
2023-11-21T09:20:16	1	0	199	197	2	1.0627	1.0625	-0.0002	0.9942	0.9942	0.0000
2023-11-21T09:24:18	2	0	3	3	0	1.0502	1.0498	-0.0004	0.9925	0.9923	0.0002
2023-11-21T09:24:41	4	0	16	13	3	0.9496	0.9498	0.0002	0.9968	0.9968	0.0000
2023-11-21T09:24:50	1	0	3	3	0	1.0201	1.0202	0.0001	0.9997	0.9997	0.0000
2023-11-21T09:28:17	3	0	112	108	4	0.9716	0.9635	-0.0081	0.9991	0.9991	0.0000
2023-11-21T09:30:07	3	0	3	3	0	0.9821	0.9814	-0.0006	0.9979	0.9979	0.0000
2023-11-21T09:30:37	3	0	14	11	3	0.9476	0.9492	0.0016	0.9905	0.9904	0.0001
2023-11-21T09:33:09	2	0	3	3	0	0.9440	0.9443	0.0003	0.9847	0.9848	-0.0001
2023-11-21T09:33:18	1	0	1	0	1	0.9440	null	null	0.9882	0.9883	-0.0001
2023-11-21T09:33:38	3	0	4	4	0	1.0481	1.0475	-0.0006	-0.9979	-0.9979	0.0000
2023-11-21T09:35:00	4	0	361	360	1	0.9001	0.9002	0.0000	0.8809	0.8813	-0.0004
2023-11-21T09:35:21	3	0	14	13	1	1.0476	1.0475	-0.0001	-1	-1	0.0000
2023-11-21T09:39:38	3	0	2	0	2	1.0563	null	null	-0.9969	-0.9985	0.0016
2023-11-21T09:40:37	1	0	11	8	3	0.9455	0.9460	0.0006	-0.9962	-0.9961	-0.0001
2023-11-21T09:42:31	1	0	81	81	0	1.1558	1.1548	-0.0010	-0.9897	-0.9897	0.0000
2023-11-21T09:43:09	1	0	19	18	1	1.0534	1.0532	-0.0002	0.9904	0.9904	0.0000
2023-11-21T09:44:21	4	0	15	13	2	1.0516	1.0511	-0.0005	0.9969	0.997	-0.0001
2023-11-21T09:44:41	2	0	53	52	1	1.0567	1.0568	0.0000	0.977	0.977	0.0000
2023-11-21T09:45:57	1	0	4	4	0	1.0263	1.0262	-0.0001	0.9995	0.9995	0.0000
2023-11-21T09:49:46	2	0	5	5	0	1.0361	1.0359	-0.0001	0.9973	0.9972	0.0001
2023-11-21T09:53:20	5	0	96	93	3	0.9180	0.9190	0.0010	0.9901	0.9903	-0.0002
2023-11-21T09:54:54	1	0	1	1	0	1.0185	1.0182	-0.0003	0.9997	0.9997	0.0000
2023-11-21T09:58:10	1	0	20	19	1	1.0537	1.0535	-0.0002	0.9913	0.9913	0.0000
2023-11-21T09:59:22	3	0	11	10	1	1.0504	1.0496	-0.0008	0.9969	0.9969	0.0000
2023-11-21T10:01:32	2	0	104	103	1	0.9247	0.9249	0.0002	0.9986	0.9986	0.0000
2023-11-21T10:02:10	3	0	11	10	1	1.0454	1.0449	-0.0005	0.9887	0.9886	0.0001
2023-11-21T10:02:17	1	0	2	2	0	1.0375	1.0373	-0.0003	0.9868	0.9868	0.0000
2023-11-21T10:02:48	2	0	105	101	4	0.9428	0.9432	0.0003	0.9579	0.958	-0.0001
2023-11-21T10:03:30	3	0	3	3	0	0.9501	0.9517	0.0016	0.9528	0.9532	-0.0004
2023-11-21T10:05:01	4	0	243	243	0	0.8934	0.8937	0.0003	0.9009	0.8998	0.0011
2023-11-21T10:05:23	3	0	8	8	0	1.0451	1.0447	-0.0004	-1	-1	0.0000
2023-11-21T10:06:50	1	0	62	62	0	1.0562	1.0562	0.0000	0.9948	0.9947	0.0001
2023-11-21T10:09:44	3	0	8	8	0	0.9559	0.9559	0.0000	0.998	0.9981	-0.0001
2023-11-21T10:10:42	1	0	1	1	0	1.0131	1.0127	-0.0004	0.978	0.978	0.0000
2023-11-21T10:12:14	2	0	1	1	0	0.9811	0.9816	0.0005	-0.9913	-0.9912	-0.0001
2023-11-21T10:14:00	1	0	63	62	1	0.9436	0.9436	0.0000	1	1	0.0000
2023-11-21T10:16:33	1	0	104	104	0	0.9192	0.9193	0.0000	0.9981	0.9982	-0.0001
2023-11-21T10:17:00	1	0	3	3	0	1.0272	1.0271	-0.0001	0.9926	0.9925	0.0001
2023-11-21T10:18:41	1	0	5	5	0	1.0479	1.0476	-0.0003	-0.9957	-0.9958	0.0001
2023-11-21T10:19:48	1	0	4	4	0	1.0425	1.0424	-0.0001	0.9969	0.9969	0.0000
2023-11-21T10:20:04	2	0	4	4	0	1.0488	1.0482	-0.0006	-0.9204	-0.921	0.0006
2023-11-21T10:20:24	2	0	6	6	0	1.0418	1.0417	-0.0001	-1	-1	0.0000
2023-11-21T10:21:51	1	0	44	41	3	0.9947	0.9873	-0.0074	0.9935	0.9934	0.0001
2023-11-21T10:21:58	2	0	155	154	1	0.9195	0.9195	0.0001	0.9645	0.9638	0.0007

2023-11-21T10:24:15	1	0	1	1	0	0.9872	0.9876	0.0004	0.9951	0.9951	0.0000
2023-11-21T10:24:52	7	0	17	17	0	1.0442	1.0438	-0.0005	-1	-1	0.0000
2023-11-21T10:25:06	2	0	13	13	0	0.9287	0.9289	0.0003	0.9848	0.9849	-0.0001
2023-11-21T10:25:26	1	0	1	1	0	0.9723	0.9727	0.0004	0.9815	0.9816	-0.0001
2023-11-21T10:25:35	2	0	1	1	0	1.0111	1.0096	-0.0015	1	1	0.0000
2023-11-21T10:27:15	2	0	1	1	0	0.9786	0.9792	0.0006	-0.9911	-0.991	-0.0001
2023-11-21T10:29:01	1	0	6	6	0	0.9779	0.9778	-0.0001	-0.9999	-0.9999	0.0000
2023-11-21T10:30:41	1	0	3	3	0	0.9624	0.9624	0.0000	0.9903	0.9903	0.0000
2023-11-21T10:31:01	1	0	3	3	0	1.0252	1.0251	-0.0001	0.9998	0.9998	0.0000
2023-11-21T10:31:19	1	0	1	1	0	1.0288	1.0285	-0.0003	-0.9778	-0.9779	0.0001
2023-11-21T10:32:12	1	0	17	17	0	1.0477	1.0475	-0.0001	0.9871	0.9871	0.0000
2023-11-21T10:32:19	1	0	3	2	1	1.0056	1.0404	0.0348	0.9826	0.9826	0.0000
2023-11-21T10:33:42	2	0	1	1	0	1.0355	1.0354	-0.0001	-0.9987	-0.9988	0.0001
2023-11-21T10:33:44	1	0	1	1	0	1.0175	1.0172	-0.0003	0.9888	0.9887	0.0001
2023-11-21T10:34:44	4	0	1	0	1	1.0452	null	null	0.9999	0.9999	0.0000
2023-11-21T10:35:25	1	0	11	11	0	1.0452	1.0450	-0.0002	-1	-1	0.0000
2023-11-21T10:36:28	1	0	1	1	0	1.0589	1.0576	-0.0013	-0.9932	-0.9933	0.0001
2023-11-21T10:39:53	1	0	10	10	0	1.0425	1.0425	-0.0001	1	1	0.0000
2023-11-21T10:40:16	1	0	18	16	2	1.0525	1.0520	-0.0005	-0.9988	-0.9988	0.0000
2023-11-21T10:41:48	1	0	11	10	1	1.0497	1.0487	-0.0010	0.9893	0.9891	0.0002
2023-11-21T10:42:52	1	0	8	6	2	1.0459	1.0459	0.0000	0.9998	0.9998	0.0000
2023-11-21T10:43:22	6	0	1	1	0	1.0473	1.0450	-0.0023	-0.9997	-0.9997	0.0000
2023-11-21T10:46:29	1	0	2	2	0	1.0265	1.0263	-0.0002	0.997	0.997	0.0000
2023-11-21T10:46:35	1	0	84	84	0	0.9247	0.9249	0.0002	0.9987	0.9987	0.0000
2023-11-21T10:47:13	2	0	23	21	2	1.0482	1.0475	-0.0007	0.9881	0.988	0.0001
2023-11-21T10:48:43	5	0	16	13	3	1.0536	1.0532	-0.0005	-0.9923	-0.9926	0.0003
2023-11-21T10:49:59	2	0	3	3	0	1.0296	1.0293	-0.0003	0.9964	0.9963	0.0001
2023-11-21T10:50:04	3	0	320	309	11	0.8688	0.8709	0.0020	0.8809	0.8818	-0.0009
2023-11-21T10:50:19	1	0	2	0	2	0.9516	null	null	0.9854	0.9856	-0.0002
2023-11-21T10:54:47	1	0	17	15	2	0.9559	0.9560	0.0001	0.9965	0.9965	0.0000
2023-11-21T10:55:42	5	0	67	64	3	0.9405	0.9409	0.0004	-0.9944	-0.9937	-0.0007
2023-11-21T10:55:45	1	0	4	5	-1	1.0252	1.0273	0.0021	0.9802	0.9801	0.0001
2023-11-21T10:56:49	1	0	11	10	1	1.0516	1.0509	-0.0006	0.989	0.9889	0.0001
2023-11-21T10:58:00	1	0	3	3	0	0.9851	0.9853	0.0002	0.9922	0.9923	-0.0001
2023-11-21T10:58:32	1	0	12	12	0	1.0459	1.0458	-0.0001	-0.9998	-0.9998	0.0000
2023-11-21T10:58:43	2	0	2	1	1	1.0286	1.0291	0.0004	-0.9993	-0.9994	0.0001
2023-11-21T10:59:37	1	0	1	1	0	1.0116	1.0112	-0.0004	0.9918	0.9917	0.0001
2023-11-21T11:00:18	2	0	1	0	1	1.0585	null	null	0.9995	0.9995	0.0000
2023-11-21T11:00:33	1	0	12	12	0	1.0460	1.0459	-0.0001	0.9931	0.9931	0.0000
2023-11-21T11:02:14	3	0	26	25	1	1.0506	1.0502	-0.0004	0.9963	0.9962	0.0001
2023-11-21T11:02:25	1	0	1	0	1	1.0556	null	null	0.9724	0.9723	0.0001
2023-11-21T11:03:24	1	0	1	2	-1	0.9435	0.9446	0.0011	0.9888	0.9888	0.0000
2023-11-21T11:03:44	2	0	2	1	1	1.0454	1.0451	-0.0003	-0.9946	-0.9946	0.0000
2023-11-21T11:04:46	3	0	1	1	0	1.0455	1.0451	-0.0004	0.9999	0.9999	0.0000
2023-11-21T11:05:27	1	0	11	11	0	1.0454	1.0452	-0.0002	-1	-1	0.0000
2023-11-21T11:05:28	1	0	4	4	0	1.0359	1.0358	-0.0002	0.9961	0.9961	0.0000
2023-11-21T11:06:30	1	0	7	7	0	0.9806	0.9808	0.0002	-0.9982	-0.9982	0.0000
2023-11-21T11:07:44	1	0	1	1	0	1.0557	1.0553	-0.0004	0.9979	0.9978	0.0001
2023-11-21T11:09:44	1	0	21	21	0	1.0471	1.0470	-0.0001	0.99	0.9899	0.0001
2023-11-21T11:09:55	1	0	20	20	0	1.0456	1.0455	-0.0001	1	1	0.0000
2023-11-21T11:10:36	2	0	1	0	1	1.0109	null	null	0.9727	0.9725	0.0002
2023-11-21T11:11:42	1	0	2	2	0	1.0522	1.0518	-0.0005	-0.9913	-0.9914	0.0001
2023-11-21T11:13:43	1	0	1	0	1	1.0336	null	null	0.9747	0.9746	0.0001
2023-11-21T11:14:27	1	0	11	10	1	1.0502	1.0506	0.0005	0.9971	0.9971	0.0000
2023-11-21T11:16:26	2	0	1	1	0	1.0391	1.0385	-0.0006	0.9931	0.9929	0.0002
2023-11-21T11:17:22	2	0	2	0	2	0.9723	null	null	0.9881	0.9881	0.0000
2023-11-21T11:17:26	1	0	1	0	1	1.0552	null	null	0.9744	0.9744	0.0000
2023-11-21T11:18:45	4	0	5	3	2	0.9422	0.9424	0.0002	-0.9986	-0.9986	0.0000
2023-11-21T11:20:06	1	0	243	243	0	0.8928	0.8929	0.0001	0.8979	0.8974	0.0005
2023-11-21T11:20:19	5	0	18	17	1	0.9392	0.9397	0.0005	-0.999	-0.9988	-0.0002
2023-11-21T11:20:21	1	0	2	0	2	0.9518	null	null	0.9887	0.9888	-0.0001
2023-11-21T11:20:24	4	0	203	199	4	1.0619	1.0619	-0.0001	0.9935	0.9932	0.0003
2023-11-21T11:20:29	1	0	7	7	0	1.0422	1.0421	-0.0001	0.9978	0.9978	0.0000
2023-11-21T11:22:54	1	0	15	15	0	0.9576	0.9577	0.0001	-0.9951	-0.9951	0.0000
2023-11-21T11:25:19	1	0	18	18	0	1.0509	1.0509	0.0000	-0.9995	-0.9995	0.0000
2023-11-21T11:28:16	2	0	56	54	2	1.0541	1.0540	-0.0001	0.987	0.9868	0.0002
2023-11-21T11:30:15	2	0	18	18	0	0.9386	0.9386	0.0000	0.9942	0.9942	0.0000
2023-11-21T11:31:32	1	0	1	1	0	1.0350	1.0350	0.0000	0.9975	0.9975	0.0000
2023-11-21T11:31:43	1	0	187	187	0	1.0575	1.0575	0.0000	0.9918	0.9919	-0.0001
2023-11-21T11:32:23	2	0	2	1	1	0.9746	1.0057	0.0311	0.9827	0.9827	0.0000
2023-11-21T11:32:27	1	0	1	1	0	1.0590	1.0589	-0.0001	0.9746	0.9746	0.0000
2023-11-21T11:33:26	1	0	6	6	0	0.9422	0.9430	0.0007	0.9886	0.9883	0.0003
2023-11-21T11:33:36	4	0	7	7	0	0.9663	0.9658	-0.0004	0.9684	0.968	0.0004
2023-11-21T11:33:56	1	0	6	6	0	1.0297	1.0296	0.0000	-0.999	-0.999	0.0000
2023-11-21T11:34:16	1	0	1	1	0	1.0395	1.0395	0.0000	0.9921	0.9921	0.0000
2023-11-21T11:35:04	1	0	5	5	0	1.0419	1.0418	-0.0001	0.9981	0.9981	0.0000
2023-11-21T11:36:40	2	0	8	9	-1	1.0482	1.0478	-0.0004	-0.9999	-1	0.0001
2023-11-21T11:38:13	2	0	125	123	2	1.0555	1.0555	0.0000	-0.9738	-0.9736	-0.0002
2023-11-21T11:39:46	2	0	2	3	-1	1.0585	1.0575	-0.0010	-0.9969	-0.9969	0.0000
2023-11-21T11:39:50	8	0	44	43	1	0.9425	0.9428	0.0003	0.9904	0.9903	0.0001
2023-11-21T11:40:20	1	0	13	13	0	1.0458	1.0458	0.0000	-0.9997	-0.9997	0.0000
2023-11-21T11:44:51	1	0	1	1	0	0.9437	0.9446	0.0009	0.9803	0.9803	0.0000
2023-11-21T11:45:16	1	0	15	15	0	0.9444	0.9445	0.0001	0.9943	0.9943	0.0000
2023-11-21T11:45:36	2	0	20	19	1	1.0467	1.0467	0.0001	0.9992	0.9992	0.0000
2023-11-21T11:46:33	1	0	1	1	0	1.0347	1.0347	0.0000	0.9974	0.9974	0.0000

2023-11-21T11:46:44	1	0	183	183	0	1.0573	1.0573	0.0000	0.9922	0.9922	0.0000
2023-11-21T11:47:25	2	0	1	0	1	0.9387	null	null	0.9869	0.9869	0.0000
2023-11-21T11:49:17	1	0	1	1	0	1.0394	1.0394	0.0000	0.9921	0.9921	0.0000
2023-11-21T11:50:03	1	0	1	1	0	1.0259	1.0259	0.0000	0.9977	0.9977	0.0000
2023-11-21T11:55:00	1	0	5	5	0	1.0560	1.0560	0.0000	0.9999	0.9999	0.0000
2023-11-21T11:55:21	1	0	14	14	0	1.0495	1.0495	0.0000	-0.9996	-0.9996	0.0000
2023-11-21T12:00:17	1	0	3	3	0	0.9539	0.9540	0.0001	0.9976	0.9977	-0.0001
2023-11-21T12:01:45	1	0	261	261	0	1.0588	1.0588	0.0000	0.9909	0.9909	0.0000
2023-11-21T12:02:26	1	0	1	0	1	0.9447	null	null	0.9833	0.9833	0.0000
2023-11-21T12:03:38	3	0	1	2	-1	1.0564	1.0006	-0.0558	0.9709	0.9708	0.0001
2023-11-21T12:04:18	1	0	1	1	0	1.0401	1.0401	0.0000	0.9944	0.9944	0.0000
2023-11-21T12:05:34	1	0	28	27	1	1.0383	1.0378	-0.0005	-0.9991	-0.9991	0.0000
2023-11-21T12:06:42	1	0	3	3	0	1.0499	1.0499	0.0000	0.9997	0.9997	0.0000
2023-11-21T12:09:48	2	0	3	4	-1	1.0589	1.0583	-0.0006	-0.9986	-0.9985	-0.0001
2023-11-21T12:09:52	6	0	11	11	0	0.9731	0.9736	0.0005	0.9979	0.9979	0.0000
2023-11-21T12:10:01	1	0	9	9	0	1.0530	1.0530	0.0000	0.9998	0.9998	0.0000
2023-11-21T12:10:22	1	0	16	16	0	1.0537	1.0537	0.0000	-0.9992	-0.9992	0.0000
2023-11-21T12:18:29	1	0	74	23	51	0.9398	0.9413	0.0015	0.9884	0.9883	0.0001
2023-11-21T12:40:24	1	0	31	31	0	1.0551	1.0551	-0.0001	-0.9996	-0.9996	0.0000
2023-11-21T12:41:56	1	0	1	1	0	1.0480	1.0480	0.0000	0.9378	0.9381	-0.0003
2023-11-21T12:52:09	1	0	1	1	0	1.0604	1.0604	0.0000	0.9996	0.9996	0.0000
2023-11-21T12:55:14	2	0	1	2	-1	1.0408	1.0479	0.0071	0.9998	0.9998	0.0000
2023-11-21T12:55:47	1	0	9	9	0	1.0496	1.0496	0.0000	-0.9999	-0.9999	0.0000
2023-11-21T12:57:21	1	0	11	10	1	1.0524	1.0515	-0.0009	0.9886	0.9884	0.0002
2023-11-21T13:01:04	2	0	1	1	0	1.0455	1.0455	0.0000	0.993	0.993	0.0000
2023-11-21T13:12:22	1	0	1	1	0	1.0477	1.0477	0.0000	0.9364	0.9366	-0.0002
2023-11-21T13:15:19	2	0	38	40	-2	1.0562	1.0562	0.0000	0.9771	0.9771	0.0000
2023-11-21T13:18:35	2	0	1	0	1	1.0552	null	null	0.9799	0.9799	0.0000
2023-11-21T13:32:03	1	0	1	1	0	1.0279	1.0279	0.0000	0.996	0.996	0.0000
2023-11-21T13:32:14	1	0	358	358	0	1.0610	1.0610	0.0000	0.9902	0.9902	0.0000
2023-11-21T13:32:33	8	0	296	293	3	0.9366	0.9369	0.0003	0.9989	0.9989	0.0000
2023-11-21T13:55:17	1	0	2	2	0	1.0379	1.0379	-0.0001	0.9906	0.9907	-0.0001
2023-11-21T14:03:28	1	0	7	8	-1	0.9927	0.9866	-0.0060	0.9634	0.9634	0.0000
2023-11-21T14:03:56	2	0	2	2	0	0.9442	0.9443	0.0001	0.9843	0.9846	-0.0003
2023-11-21T14:05:40	7	0	7	7	0	1.0073	1.0069	-0.0004	0.9555	0.9549	0.0006
2023-11-21T14:05:59	3	0	2	3	-1	0.9457	0.9450	-0.0008	-0.998	-0.9981	0.0001
2023-11-21T14:07:55	6	0	90	77	13	1.0185	1.0245	0.0061	0.9898	0.9898	0.0000
2023-11-21T14:10:19	1	0	2	2	0	1.0477	1.0475	-0.0002	1	1	0.0000
2023-11-21T14:10:27	7	0	38	38	0	0.9548	0.9551	0.0002	0.9944	0.9944	0.0000
2023-11-21T14:12:33	1	0	1	1	0	0.9409	0.9412	0.0003	-1	-1	0.0000
2023-11-21T14:13:10	1	0	156	156	0	0.8824	0.8842	0.0018	-0.9848	-0.9845	-0.0003
2023-11-21T14:13:36	1	0	2	2	0	1.0720	1.0720	0.0000	0.9973	0.9973	0.0000
2023-11-21T14:14:06	1	0	3	3	0	1.0455	1.0455	0.0000	0.9999	0.9999	0.0000
2023-11-21T14:14:50	2	0	67	66	1	1.0554	1.0552	-0.0002	-0.9536	-0.9531	-0.0005
2023-11-21T14:14:55	1	0	10	10	0	1.0465	1.0465	-0.0001	-0.9991	-0.9991	0.0000
2023-11-21T14:15:23	1	0	53	52	1	1.0564	1.0563	-0.0001	0.9795	0.9795	0.0000
2023-11-21T14:15:25	1	0	32	32	0	0.9439	0.9439	0.0000	0.9786	0.9786	0.0000
2023-11-21T14:15:47	1	0	28	27	1	1.0463	1.0460	-0.0003	0.9978	0.9978	0.0000
2023-11-21T14:15:51	1	0	1	1	0	1.0220	1.0216	-0.0004	0.9982	0.9982	0.0000
2023-11-21T14:16:23	9	0	3	3	0	0.9982	0.9993	0.0012	0.9507	0.9539	-0.0032
2023-11-21T14:17:17	1	0	298	298	0	1.0599	1.0599	0.0000	0.9912	0.9912	0.0000
2023-11-21T14:18:57	1	0	17	11	6	0.9522	0.9526	0.0005	0.9864	0.9866	-0.0002
2023-11-21T14:20:36	2	0	2	2	0	1.0346	1.0346	0.0000	0.9981	0.998	0.0001
2023-11-21T14:20:41	5	0	9	9	0	0.9786	0.9788	0.0001	0.9491	0.9488	0.0003
2023-11-21T14:22:56	5	0	77	77	0	1.0564	1.0558	-0.0006	0.9933	0.9932	0.0001
2023-11-21T14:24:00	5	0	2	3	-1	0.9435	0.9439	0.0004	0.9935	0.9934	0.0001
2023-11-21T14:25:28	8	0	41	37	4	0.9669	0.9672	0.0003	0.9967	0.9968	-0.0001
2023-11-21T14:27:34	1	0	1	1	0	0.9388	0.9389	0.0001	-1	-1	0.0000
2023-11-21T14:28:11	1	0	1	0	1	1.0586	null	null	-0.9849	-0.9847	-0.0002
2023-11-21T14:29:47	2	0	12	12	0	1.0471	1.0469	-0.0002	0.9962	0.9961	0.0001
2023-11-21T14:29:51	2	0	74	71	3	1.0564	1.0562	-0.0001	-0.9608	-0.961	0.0002
2023-11-21T14:30:02	5	0	9	9	0	1.0511	1.0509	-0.0002	0.997	0.9966	0.0004
2023-11-21T14:30:24	2	0	51	48	3	1.0562	1.0562	0.0000	0.9795	0.9795	0.0000
2023-11-21T14:30:26	1	0	68	67	1	0.9398	0.9401	0.0003	0.9791	0.9791	0.0000
2023-11-21T14:30:52	1	0	1	1	0	1.0264	1.0263	-0.0001	0.9986	0.9986	0.0000
2023-11-21T14:31:10	2	0	15	13	2	1.0468	1.0469	0.0000	0.999	0.9989	0.0001
2023-11-21T14:31:24	8	0	3	3	0	0.9958	0.9960	0.0002	0.992	0.9255	0.0665
2023-11-21T14:32:37	8	0	234	232	2	0.9322	0.9327	0.0005	-0.9996	-0.9996	0.0000
2023-11-21T14:33:58	1	0	39	31	8	0.9412	0.9416	0.0004	0.986	0.9863	-0.0003
2023-11-21T14:34:22	4	0	91	91	0	1.0612	1.0608	-0.0004	0.9951	0.9951	0.0000
2023-11-21T14:34:31	1	0	3	3	0	1.0027	1.0026	0.0000	0.9996	0.9996	0.0000
2023-11-21T14:34:42	2	0	8	3	5	0.9441	0.9441	0.0000	0.9704	0.9705	-0.0001
2023-11-21T14:35:24	1	0	4	4	0	1.0473	1.0473	-0.0001	1	1	0.0000
2023-11-21T14:35:37	2	0	1	1	0	1.0414	1.0412	-0.0002	0.9979	0.9979	0.0000
2023-11-21T14:35:42	4	0	12	12	0	0.9694	0.9694	0.0001	0.949	0.9487	0.0003
2023-11-21T14:35:59	2	0	257	247	10	1.0639	1.0638	-0.0001	0.9931	0.993	0.0001
2023-11-21T14:36:01	2	0	2	2	0	0.9490	0.9495	0.0005	-0.9975	-0.9974	-0.0001
2023-11-21T14:36:04	1	0	9	9	0	1.0452	1.0450	-0.0002	-1	-1	0.0000
2023-11-21T14:36:08	5	0	29	29	0	1.0115	1.0049	-0.0067	-0.9996	-0.9997	0.0001
2023-11-21T14:39:01	4	0	3	3	0	0.9436	0.9437	0.0002	0.9963	0.9963	0.0000
2023-11-21T14:40:29	5	0	18	18	0	0.9708	0.9708	0.0000	0.996	0.996	0.0000
2023-11-21T14:42:21	1	0	1	1	0	1.0247	1.0242	-0.0005	0.983	0.9829	0.0001
2023-11-21T14:42:35	1	0	1	1	0	0.9412	0.9413	0.0001	-1	-1	0.0000
2023-11-21T14:43:12	1	0	156	156	0	0.8830	0.8834	0.0004	-0.9919	-0.9918	-0.0001
2023-11-21T14:44:48	2	0	9	9	0	1.0466	1.0466	0.0000	0.9986	0.9986	0.0000

2023-11-21T14:44:52	2	0	81	81	0	1.0560	1.0559	-0.0001	-0.957	-0.9564	-0.0006
2023-11-21T14:44:57	1	0	16	16	0	1.0460	1.0460	0.0000	-0.9989	-0.999	0.0001
2023-11-21T14:45:03	5	0	9	9	0	1.0494	1.0494	-0.0001	0.9968	0.9968	0.0000
2023-11-21T14:45:53	1	0	1	1	0	1.0257	1.0256	-0.0001	0.9984	0.9984	0.0000
2023-11-21T14:46:11	1	0	3	3	0	1.0455	1.0454	-0.0001	0.9925	0.9925	0.0000
2023-11-21T14:46:25	5	0	1	1	0	1.0190	1.0139	-0.0051	0.9112	0.9063	0.0049
2023-11-21T14:47:49	1	0	17	16	1	1.0490	1.0485	-0.0005	0.9816	0.9816	0.0000
2023-11-21T14:48:02	1	0	1	1	0	1.0597	1.0595	-0.0002	0.9754	0.9754	0.0000
2023-11-21T14:56:32	2	0	4	4	0	0.9981	0.9981	0.0000	0.9951	0.9951	0.0000
2023-11-21T15:00:04	1	0	8	8	0	1.0504	1.0504	0.0000	0.9969	0.997	-0.0001
2023-11-21T15:01:26	5	0	2	2	0	1.0043	1.0058	0.0015	0.9526	0.9543	-0.0017
2023-11-21T15:04:13	2	0	1	1	0	1.0561	1.0557	-0.0004	0.9776	0.9775	0.0001
2023-11-21T15:05:31	2	0	21	15	6	0.9433	0.9452	0.0020	0.8554	0.8574	-0.0020
2023-11-21T15:05:42	2	0	4	4	0	1.0418	1.0417	-0.0001	0.9972	0.9971	0.0001
2023-11-21T15:05:44	1	0	260	259	1	0.9068	0.9069	0.0001	0.8956	0.8956	0.0000
2023-11-21T15:06:33	2	0	29	28	1	0.9514	0.9518	0.0004	0.9863	0.9864	-0.0001
2023-11-21T15:09:37	3	0	2	2	0	1.0237	1.0232	-0.0006	0.9879	0.9875	0.0004
2023-11-21T15:10:31	2	0	15	15	0	0.9611	0.9611	0.0000	0.9956	0.9956	0.0000
2023-11-21T15:13:16	1	0	80	80	0	1.1545	1.1508	-0.0037	-0.9906	-0.9908	0.0002
2023-11-21T15:13:55	2	0	72	71	1	1.0552	1.0552	0.0000	0.9923	0.9923	0.0000
2023-11-21T15:15:29	1	0	3	3	0	0.9479	0.9479	0.0001	0.9783	0.9783	0.0000
2023-11-21T15:18:00	2	0	1	1	0	1.0046	1.0040	-0.0006	0.9816	0.9815	0.0001
2023-11-21T15:20:32	2	0	21	19	2	1.0534	1.0527	-0.0007	0.9975	0.9974	0.0001
2023-11-21T15:23:50	2	0	118	117	1	1.0555	1.0555	0.0000	-0.9807	-0.9805	-0.0002
2023-11-21T15:30:06	1	0	14	13	1	1.0508	1.0499	-0.0009	0.9974	0.9955	0.0019
2023-11-21T15:30:20	1	0	1	1	0	1.0297	1.0293	-0.0004	0.9863	0.9862	0.0001
2023-11-21T15:35:01	1	0	59	59	0	1.0468	1.0468	0.0000	0.9893	0.9894	-0.0001
2023-11-21T15:40:01	4	0	39	39	0	0.9950	0.9949	-0.0001	0.9753	0.9753	0.0000
2023-11-21T15:48:39	1	0	2	2	0	0.9783	0.9819	0.0036	-0.9953	-0.9958	0.0005
2023-11-21T15:49:16	3	0	1	0	1	0.9449	null	null	0.9564	0.9564	0.0000
2023-11-21T15:55:34	1	0	36	35	1	0.9506	0.9505	-0.0001	0.992	0.992	0.0000
2023-11-21T15:56:15	1	0	4	4	0	1.0145	1.0143	-0.0002	0.9875	0.9874	0.0001
2023-11-21T16:04:17	3	0	1	0	1	0.9448	null	null	0.9645	0.9646	-0.0001
2023-11-21T16:14:32	1	0	1	1	0	1.0315	1.0309	-0.0006	1	1	0.0000
2023-11-21T16:14:48	1	0	19	19	0	0.9431	0.9432	0.0001	-0.9993	-0.9993	0.0000
2023-11-21T16:19:18	3	0	1	1	0	0.9765	0.9767	0.0002	0.9638	0.9639	-0.0001
2023-11-21T16:20:36	1	0	6	6	0	0.9525	0.9526	0.0001	0.8656	0.8658	-0.0002
2023-11-21T16:38:36	1	0	2	2	0	0.9673	0.9674	0.0001	0.9864	0.9864	0.0000
2023-11-21T17:25:26	1	0	3	3	0	1.0372	1.0372	0.0000	-0.996	-0.996	0.0000
2023-11-21T17:51:16	1	0	31	31	0	0.9434	0.9434	0.0000	-0.9954	-0.9954	0.0000
2023-11-21T17:52:51	1	0	99	99	0	0.9148	0.9151	0.0003	0.9889	0.9887	0.0002
2023-11-21T18:00:05	1	0	109	109	0	1.0587	1.0587	0.0000	-0.9672	-0.9667	-0.0005
2023-11-21T18:05:56	2	0	5	5	0	1.0272	1.0272	0.0000	0.9555	0.9544	0.0011
2023-11-21T18:06:17	2	0	85	85	0	0.9397	0.9398	0.0001	-0.9873	-0.9868	-0.0005
2023-11-21T18:15:06	1	0	105	105	0	1.0577	1.0577	0.0000	-0.9662	-0.9662	0.0000
2023-11-21T18:19:35	1	0	8	8	0	1.0461	1.0461	0.0000	-0.9967	-0.9967	0.0000
2023-11-21T18:21:18	1	0	31	30	1	0.9439	0.9440	0.0000	-0.9837	-0.9832	-0.0005
2023-11-21T18:22:53	1	0	107	107	0	0.9159	0.9159	0.0000	0.9895	0.9893	0.0002
2023-11-22T07:50:09	2	0	21	19	2	0.9430	0.9433	0.0003	-0.9776	-0.9772	-0.0004
2023-11-22T07:51:37	1	0	15	15	0	1.0523	1.0521	-0.0001	0.9882	0.9888	-0.0006
2023-11-22T07:51:45	1	0	84	84	0	0.9219	0.9221	0.0002	0.9841	0.9837	0.0004
2023-11-22T08:06:38	2	0	106	106	0	1.0600	1.0599	-0.0001	0.9849	0.9849	0.0000
2023-11-22T08:06:46	1	0	79	79	0	0.9230	0.9230	0.0000	0.9807	0.9802	0.0005
2023-11-22T08:20:11	1	0	95	94	1	0.9407	0.9407	0.0000	-0.9968	-0.9967	-0.0001
2023-11-22T08:29:01	2	0	27	26	1	1.0524	1.0522	-0.0002	-0.9398	-0.9392	-0.0006
2023-11-22T08:29:13	1	0	14	14	0	1.0478	1.0479	0.0000	1	1	0.0000
2023-11-22T08:33:52	2	0	2	2	0	0.9894	0.9888	-0.0006	-0.9861	-0.9857	-0.0004
2023-11-22T08:44:02	2	0	30	28	2	1.0519	1.0516	-0.0003	-0.9267	-0.9261	-0.0006
2023-11-22T08:59:35	1	0	129	128	1	1.0581	1.0581	-0.0001	0.9757	0.9756	0.0001
2023-11-22T09:02:52	1	0	2	2	0	1.0460	1.0459	-0.0001	0.9765	0.9764	0.0001
2023-11-22T09:06:42	3	0	76	75	1	1.0599	1.0592	-0.0007	0.9911	0.9911	0.0000
2023-11-22T09:06:50	2	0	89	88	1	0.9224	0.9228	0.0004	0.9814	0.9811	0.0003
2023-11-22T09:14:04	1	0	31	30	1	1.0526	1.0525	-0.0001	-0.9221	-0.9215	-0.0006
2023-11-22T09:14:16	1	0	10	10	0	1.0481	1.0479	-0.0002	1	1	0.0000
2023-11-22T09:18:33	2	0	103	95	8	0.9157	0.9164	0.0007	-0.9998	-0.9998	0.0000
2023-11-22T09:21:06	1	0	24	24	0	1.0505	1.0504	-0.0001	0.9797	0.9796	0.0001
2023-11-22T09:24:15	2	0	3	3	0	1.0426	1.0422	-0.0004	0.9858	0.9855	0.0003
2023-11-22T09:25:09	1	0	53	49	4	1.0548	1.0548	-0.0001	0.9994	0.9994	0.0000
2023-11-22T09:25:35	2	0	593	589	4	0.8809	0.8830	0.0021	0.9203	0.9205	-0.0002
2023-11-22T09:27:21	2	0	14	14	0	0.9296	0.9298	0.0001	0.9849	0.985	-0.0001
2023-11-22T09:29:37	2	0	120	118	2	1.0578	1.0577	0.0000	0.9772	0.9771	0.0001
2023-11-22T09:30:53	1	0	3	3	0	1.0242	1.0240	-0.0001	0.9991	0.9991	0.0000
2023-11-22T09:33:51	4	0	26	26	0	1.0468	1.0466	-0.0002	-0.9995	-0.9995	0.0000
2023-11-22T09:33:57	1	0	1	1	0	0.9572	0.9577	0.0005	-0.9868	-0.9866	-0.0002
2023-11-22T09:34:56	5	0	134	131	3	0.9260	0.9262	0.0002	0.8924	0.8922	0.0002
2023-11-22T09:35:18	8	0	19	16	3	1.0508	1.0502	-0.0006	-0.997	-0.9971	0.0001
2023-11-22T09:36:53	1	0	2	2	0	1.0369	1.0368	-0.0002	-0.9996	-0.9996	0.0000
2023-11-22T09:39:13	1	0	14	14	0	1.0394	1.0394	0.0000	0.9739	0.9738	0.0001
2023-11-22T09:39:47	1	0	29	29	0	1.0464	1.0464	0.0000	-0.9998	-0.9998	0.0000
2023-11-22T09:49:57	1	0	262	262	0	0.8989	0.8991	0.0002	0.891	0.8911	-0.0001
2023-11-22T09:51:08	3	0	29	27	2	1.0518	1.0517	-0.0002	0.9784	0.9783	0.0001
2023-11-22T09:54:41	2	0	2	2	0	1.0184	1.0181	-0.0003	0.9964	0.9964	0.0000
2023-11-22T09:55:23	1	0	4	4	0	1.0230	1.0228	-0.0002	0.9852	0.9852	0.0000
2023-11-22T09:58:32	1	0	1	2	-1	1.0458	1.0452	-0.0006	0.9729	0.9722	0.0007
2023-11-22T09:59:07	1	0	51	51	0	1.0542	1.0540	-0.0002	-0.9224	-0.9219	-0.0005

2023-11-22T10:01:28	2	0	71	70	1	0.9337	0.9340	0.0003	-1	-1	0.0000
2023-11-22T10:02:06	1	0	1	1	0	1.0565	1.0561	-0.0004	-0.9456	-0.9448	-0.0008
2023-11-22T10:02:24	3	0	28	25	3	1.0476	1.0474	-0.0002	-0.9992	-0.9992	0.0000
2023-11-22T10:03:36	3	0	84	83	1	0.9266	0.9267	0.0000	-0.9991	-0.9991	0.0000
2023-11-22T10:03:58	2	0	1	0	1	1.0220	null	null	-0.986	-0.986	0.0000
2023-11-22T10:05:00	2	0	2	2	0	1.0461	1.0456	-0.0005	-0.8718	-0.8724	0.0006
2023-11-22T10:05:20	3	0	14	14	0	1.0481	1.0477	-0.0004	-0.9974	-0.9975	0.0001
2023-11-22T10:06:46	1	0	6	6	0	1.0435	1.0434	-0.0001	0.9884	0.9884	0.0000
2023-11-22T10:08:17	5	0	2	2	0	0.9408	0.9419	0.0011	0.9894	0.9897	-0.0003
2023-11-22T10:08:24	1	0	28	28	0	0.9476	0.9478	0.0002	0.9559	0.9558	0.0001
2023-11-22T10:09:36	3	0	1	0	1	1.0552	null	null	-0.9953	-0.9953	0.0000
2023-11-22T10:09:42	4	0	4	4	0	1.0116	1.0116	-0.0001	0.9979	0.9979	0.0000
2023-11-22T10:12:29	1	0	80	80	0	1.1478	1.1463	-0.0015	-0.9721	-0.9643	-0.0078
2023-11-22T10:14:20	4	0	19	18	1	1.0493	1.0487	-0.0006	1	1	0.0000
2023-11-22T10:14:40	2	0	134	132	2	1.0578	1.0578	0.0000	0.9742	0.9741	0.0001
2023-11-22T10:15:59	1	0	2	2	0	1.0189	1.0188	-0.0001	0.9986	0.9986	0.0000
2023-11-22T10:16:58	1	0	8	8	0	1.0426	1.0425	-0.0001	0.9926	0.9924	0.0002
2023-11-22T10:17:25	6	0	40	40	0	1.0495	1.0492	-0.0003	-0.9994	-0.9995	0.0001
2023-11-22T10:18:36	1	0	4	4	0	1.0421	1.0420	-0.0001	0.9941	0.9941	0.0000
2023-11-22T10:18:54	2	0	5	5	0	1.0420	1.0417	-0.0003	0.9998	0.9997	0.0001
2023-11-22T10:18:59	3	0	4	3	1	0.9869	0.9834	-0.0036	-0.9921	-0.9927	0.0006
2023-11-22T10:20:11	2	0	17	17	0	0.9384	0.9386	0.0003	-0.9973	-0.9972	-0.0001
2023-11-22T10:21:23	1	0	1	1	0	1.0646	1.0634	-0.0012	-0.9988	-0.9988	0.0000
2023-11-22T10:21:58	1	0	1	1	0	1.0389	1.0386	-0.0003	-0.9994	-0.9994	0.0000
2023-11-22T10:23:06	2	0	110	109	1	1.0543	1.0543	0.0000	-0.9769	-0.9767	-0.0002
2023-11-22T10:24:16	4	0	15	15	0	1.0384	1.0381	-0.0003	0.9725	0.9721	0.0004
2023-11-22T10:24:37	2	0	2	2	0	1.0572	1.0565	-0.0007	-0.9955	-0.9955	0.0000
2023-11-22T10:25:39	1	0	386	386	0	0.8925	0.8926	0.0001	0.9185	0.9184	0.0001
2023-11-22T10:32:20	1	0	1	1	0	1.0561	1.0552	-0.0009	0.9702	0.97	0.0002
2023-11-22T10:32:26	2	0	57	55	2	1.0520	1.0520	0.0000	-0.9995	-0.9994	-0.0001
2023-11-22T10:33:38	9	0	47	47	0	0.9525	0.9522	-0.0003	-0.9979	-0.9981	0.0002
2023-11-22T10:33:55	2	0	9	9	0	1.0413	1.0412	-0.0002	0.9998	0.9998	0.0000
2023-11-22T10:34:46	1	0	1	1	0	1.0566	1.0562	-0.0004	0.9096	0.9088	0.0008
2023-11-22T10:35:00	1	0	254	254	0	0.9059	0.9059	0.0000	0.8884	0.8881	0.0003
2023-11-22T10:35:22	1	0	11	10	1	1.0445	1.0463	0.0017	-0.9985	-0.9985	0.0000
2023-11-22T10:35:25	1	0	14	13	1	1.0312	1.0293	-0.0019	-1	-1	0.0000
2023-11-22T10:36:11	1	0	36	34	2	1.0526	1.0526	0.0000	0.977	0.9767	0.0003
2023-11-22T10:36:48	1	0	20	19	1	1.0539	1.0536	-0.0003	0.9903	0.9902	0.0001
2023-11-22T10:38:07	2	0	113	112	1	1.0546	1.0546	0.0000	-0.9746	-0.9744	-0.0002
2023-11-22T10:40:14	1	0	20	20	0	1.0511	1.0511	0.0000	0.9993	0.9993	0.0000
2023-11-22T10:40:40	2	0	1	0	1	1.0076	null	null	-0.9989	-0.9989	0.0000
2023-11-22T10:40:49	1	0	1	1	0	1.0337	1.0333	-0.0004	-1	-1	0.0000
2023-11-22T10:41:08	1	0	1	1	0	1.0572	1.0569	-0.0003	0.9959	0.9959	0.0000
2023-11-22T10:41:37	1	0	3	3	0	1.0500	1.0497	-0.0003	0.9916	0.9915	0.0001
2023-11-22T10:43:35	1	0	5	4	1	1.0468	1.0470	0.0002	0.9661	0.9659	0.0002
2023-11-22T10:45:11	2	0	1	0	1	1.0562	null	null	0.9927	0.9927	0.0000
2023-11-22T10:45:41	2	0	2	2	0	1.0286	1.0283	-0.0004	0.9974	0.9971	0.0003
2023-11-22T10:46:31	1	0	70	69	1	0.9340	0.9343	0.0004	0.9966	0.9966	0.0000
2023-11-22T10:47:27	3	0	48	46	2	1.0525	1.0523	-0.0002	-0.9999	-0.9999	0.0000
2023-11-22T10:48:33	1	0	1	0	1	1.0555	null	null	0.9541	0.954	0.0001
2023-11-22T10:48:43	1	0	1	1	0	1.0196	1.0193	-0.0003	0.9971	0.997	0.0001
2023-11-22T10:48:49	1	0	1	1	0	1.0295	1.0292	-0.0003	-0.9999	-0.9999	0.0000
2023-11-22T10:48:53	1	0	2	2	0	1.0331	1.0328	-0.0002	-0.9909	-0.9909	0.0000
2023-11-22T10:50:00	1	0	3	3	0	1.0518	1.0517	-0.0001	0.9957	0.9955	0.0002
2023-11-22T10:50:13	2	0	25	25	0	0.9350	0.9353	0.0003	-0.9963	-0.9962	-0.0001
2023-11-22T10:50:23	2	0	15	15	0	1.0475	1.0475	0.0000	-0.9983	-0.9983	0.0000
2023-11-22T10:55:41	1	0	7	7	0	1.0240	1.0239	-0.0001	0.942	0.946	-0.0040
2023-11-22T10:58:15	1	0	32	32	0	1.0514	1.0513	-0.0001	0.9985	0.9985	0.0000
2023-11-22T10:58:40	1	0	1	0	1	1.0324	null	null	-0.9904	-0.9905	0.0001
2023-11-22T11:00:08	1	0	27	26	1	1.0484	1.0481	-0.0003	0.9949	0.9949	0.0000
2023-11-22T11:00:33	1	0	24	24	0	1.0500	1.0499	-0.0001	0.9957	0.9956	0.0001
2023-11-22T11:05:01	1	0	38	38	0	1.0523	1.0522	-0.0001	0.9955	0.9955	0.0000
2023-11-22T11:05:02	1	0	217	217	0	0.9217	0.9217	0.0000	0.9032	0.903	0.0002
2023-11-22T11:05:14	1	0	2	2	0	0.9903	0.9899	-0.0004	-0.9898	-0.9898	0.0000
2023-11-22T11:05:24	2	0	12	11	1	1.0476	1.0482	0.0006	-0.9987	-0.9987	0.0000
2023-11-22T11:05:49	2	0	3	3	0	1.0625	1.0622	-0.0003	0.9967	0.9963	0.0004
2023-11-22T11:06:13	2	0	31	28	3	1.0523	1.0522	-0.0001	0.9767	0.9764	0.0003
2023-11-22T11:08:54	2	0	1	0	1	1.0397	null	null	0.9989	0.9988	0.0001
2023-11-22T11:10:16	1	0	26	25	1	1.0531	1.0530	-0.0001	0.9997	0.9997	0.0000
2023-11-22T11:10:42	2	0	721	711	10	0.8830	0.8838	0.0007	0.8906	0.8917	-0.0011
2023-11-22T11:12:59	1	0	1	1	0	0.9980	0.9987	0.0007	0.9942	0.9943	-0.0001
2023-11-22T11:14:24	1	0	21	21	0	1.0505	1.0505	0.0000	1	1	0.0000
2023-11-22T11:17:19	1	0	2	2	0	1.0328	1.0327	-0.0001	0.9833	0.9833	0.0000
2023-11-22T11:18:32	2	0	37	36	1	1.0532	1.0527	-0.0005	-0.9652	-0.971	0.0058
2023-11-22T11:19:00	1	0	10	10	0	1.0462	1.0462	0.0000	0.9998	0.9998	0.0000
2023-11-22T11:22:42	1	0	1	1	0	1.0570	1.0566	-0.0004	0.9936	0.9934	0.0002
2023-11-22T11:22:43	1	0	5	4	1	1.0555	1.0538	-0.0016	0.9383	0.938	0.0003
2023-11-22T11:23:55	1	0	1	1	0	1.0391	1.0386	-0.0005	0.999	0.9989	0.0001
2023-11-22T11:25:43	1	0	4	4	0	0.9569	0.9568	-0.0001	0.9449	0.9402	0.0047
2023-11-22T11:26:41	1	0	44	42	2	1.0489	1.0489	0.0000	-0.9964	-0.9964	0.0000
2023-11-22T11:28:38	1	0	3	4	-1	1.0498	1.0486	-0.0012	0.9701	0.9642	0.0059
2023-11-22T11:32:28	2	0	26	26	0	0.9402	0.9402	0.0000	0.9837	0.9837	0.0000
2023-11-22T11:33:02	1	0	3	3	0	1.0498	1.0498	0.0000	0.9754	0.9751	0.0003
2023-11-22T11:33:33	2	0	8	8	0	1.0472	1.0472	-0.0001	-0.9865	-0.9897	0.0032
2023-11-22T11:33:36	1	0	1	1	0	1.0580	1.0578	-0.0002	0.9363	0.9362	0.0001

2023-11-22T11:33:41	1	0	1	1	0	1.0476	1.0476	0.0000	0.9948	0.9949	-0.0001
2023-11-22T11:33:58	1	0	1	1	0	1.0424	1.0424	0.0000	-0.9925	-0.9924	-0.0001
2023-11-22T11:34:04	3	0	2	2	0	1.0098	1.0103	0.0006	-0.9915	-0.9913	-0.0002
2023-11-22T11:39:47	1	0	1	0	1	1.0554	null	null	0.9879	0.9879	0.0000
2023-11-22T11:40:44	2	0	1	1	0	1.0063	1.0057	-0.0006	-0.9982	-0.9982	0.0000
2023-11-22T11:41:39	1	0	3	3	0	1.0553	1.0552	-0.0002	0.9962	0.9961	0.0001
2023-11-22T11:41:45	1	0	2	2	0	1.0416	1.0414	-0.0003	-0.9751	-0.9749	-0.0002
2023-11-22T11:42:35	1	0	80	80	0	1.1480	1.1480	0.0000	-0.975	-0.9795	0.0045
2023-11-22T11:43:01	1	0	3	2	1	1.0479	1.0431	-0.0048	0.9981	0.9981	0.0000
2023-11-22T11:43:18	1	0	37	36	1	1.0539	1.0536	-0.0002	-0.9991	-0.9991	0.0000
2023-11-22T11:43:43	2	0	2	2	0	0.9423	0.9426	0.0003	0.9999	0.9999	0.0000
2023-11-22T11:45:15	1	0	1	0	1	1.0614	null	null	0.991	0.991	0.0000
2023-11-22T11:47:21	2	0	4	4	0	1.0362	1.0360	-0.0002	0.9839	0.9838	0.0001
2023-11-22T11:47:22	1	0	17	16	1	1.0495	1.0491	-0.0004	0.9797	0.9797	0.0000
2023-11-22T11:48:37	3	0	1	1	0	0.9721	0.9729	0.0008	0.9409	0.9414	-0.0005
2023-11-22T11:48:42	1	0	9	9	0	1.0524	1.0524	0.0000	0.9948	0.9949	-0.0001
2023-11-22T11:49:59	4	0	20	18	2	1.0466	1.0446	-0.0020	0.9975	0.9974	0.0001
2023-11-22T11:50:17	3	0	4	5	-1	1.0117	0.9982	-0.0135	-0.9931	-0.9932	0.0001
2023-11-22T11:50:25	1	0	1	1	0	0.9430	0.9437	0.0007	-0.9809	-0.9805	-0.0004
2023-11-22T11:58:02	1	0	1	1	0	1.0570	1.0569	-0.0001	0.998	0.998	0.0000
2023-11-22T11:58:44	10	0	17	12	5	1.0476	1.0426	-0.0050	-0.984	-0.985	0.0010
2023-11-22T12:03:04	1	0	4	4	0	1.0522	1.0509	-0.0014	0.9708	0.9708	0.0000
2023-11-22T12:03:43	1	0	4	4	0	1.0502	1.0502	0.0000	0.9954	0.9954	0.0000
2023-11-22T12:05:00	3	0	27	26	1	1.0480	1.0470	-0.0010	0.9978	0.9978	0.0000
2023-11-22T12:05:18	2	0	2	2	0	1.0333	1.0332	-0.0001	-0.9989	-0.9989	0.0000
2023-11-22T12:07:34	2	0	28	27	1	1.0468	1.0476	0.0008	0.9989	0.9988	0.0001
2023-11-22T12:14:21	1	0	31	30	1	1.0487	1.0485	-0.0002	-0.993	-0.993	0.0000
2023-11-22T12:17:23	2	0	3	4	-1	1.0278	1.0072	-0.0206	0.9832	0.9833	-0.0001
2023-11-22T12:26:42	2	0	1	1	0	1.0574	1.0567	-0.0007	0.9956	0.9955	0.0001
2023-11-22T12:34:08	3	0	2	3	-1	0.9458	0.9718	0.0260	-0.9874	-0.9867	-0.0007
2023-11-22T12:35:20	1	0	1	1	0	1.0572	1.0571	-0.0001	-1	-1	0.0000
2023-11-22T12:38:15	1	0	148	146	2	1.0573	1.0573	0.0000	-0.9673	-0.9672	-0.0001
2023-11-22T12:43:47	8	0	2	3	-1	1.0484	1.0510	0.0026	-0.9864	-0.9859	-0.0005
2023-11-22T12:45:15	1	0	35	34	1	1.0493	1.0491	-0.0002	0.995	0.995	0.0000
2023-11-22T12:50:29	1	0	1	1	0	0.9598	0.9598	0.0000	-0.9784	-0.9995	0.0211
2023-11-22T12:59:33	1	0	1	1	0	1.0376	1.0376	0.0000	-0.9996	-0.9996	0.0000
2023-11-22T13:01:31	2	0	2	2	0	1.0402	1.0395	-0.0006	0.9914	0.9912	0.0002
2023-11-22T13:03:08	1	0	4	5	-1	1.0511	1.0524	0.0014	0.9678	0.9678	0.0000
2023-11-22T13:03:39	1	0	21	20	1	1.0494	1.0494	0.0000	-0.9895	-0.9892	-0.0003
2023-11-22T13:05:32	2	0	19	19	0	1.0470	1.0468	-0.0002	-0.9975	-0.9974	-0.0001
2023-11-22T13:11:48	1	0	8	8	0	1.0387	1.0387	0.0000	-0.9996	-0.9996	0.0000
2023-11-22T13:28:50	3	0	11	7	4	1.0511	1.0469	-0.0042	-0.9824	-0.9827	0.0003
2023-11-22T13:36:26	1	0	3	3	0	1.0354	1.0354	0.0000	0.9884	0.9883	0.0001
2023-11-22T13:42:38	3	0	1	1	0	0.9625	0.9633	0.0008	0.9911	0.9912	-0.0001
2023-11-22T13:50:33	1	0	4	4	0	0.9791	0.9791	0.0001	-0.9904	-0.9903	-0.0001
2023-11-22T13:53:20	1	0	115	113	2	1.0552	1.0552	0.0000	-0.9741	-0.9739	-0.0002
2023-11-22T13:55:27	1	0	108	108	0	1.0576	1.0576	0.0000	0.9997	0.9997	0.0000
2023-11-22T13:58:52	1	0	1	1	0	1.0307	1.0305	-0.0002	-0.9891	-0.9892	0.0001
2023-11-22T14:01:35	2	0	4	5	-1	1.0421	1.0429	0.0008	0.9947	0.9948	-0.0001
2023-11-22T14:04:08	3	0	27	25	2	1.0508	1.0505	-0.0003	0.9864	0.9864	0.0000
2023-11-22T14:04:14	2	0	1	1	0	1.0221	1.0198	-0.0023	-0.973	-0.9733	0.0003
2023-11-22T14:05:00	2	0	22	22	0	1.0536	1.0527	-0.0009	-0.9913	-0.9918	0.0005
2023-11-22T14:05:09	2	0	4	4	0	1.0407	1.0407	0.0000	0.9842	0.9841	0.0001
2023-11-22T14:08:40	1	0	3	3	0	1.0453	1.0453	0.0000	0.9638	0.9639	-0.0001
2023-11-22T14:09:34	2	0	1	3	-2	1.0319	1.0408	0.0089	0.985	0.9852	-0.0002
2023-11-22T14:12:40	2	0	1	1	0	0.9682	0.9684	0.0002	0.9928	0.9929	-0.0001
2023-11-22T14:13:53	2	0	3	3	0	1.0378	1.0368	-0.0010	-0.9939	-0.9941	0.0002
2023-11-22T14:17:31	1	0	6	6	0	1.0381	1.0380	0.0000	0.9873	0.9873	0.0000
2023-11-22T14:18:47	2	0	3	3	0	0.9594	0.9598	0.0003	0.9458	0.9459	-0.0001
2023-11-22T14:20:01	2	0	21	21	0	1.0528	1.0526	-0.0002	-0.9929	-0.9932	0.0003
2023-11-22T14:20:14	2	0	2	3	-1	1.0497	1.0482	-0.0015	0.9955	0.9955	0.0000
2023-11-22T14:22:07	5	0	4	4	0	1.0229	1.0231	0.0002	0.9874	0.9875	-0.0001
2023-11-22T14:24:35	2	0	3	3	0	1.0424	1.0421	-0.0003	0.9868	0.9866	0.0002
2023-11-22T14:24:59	1	0	1	1	0	1.0366	1.0362	-0.0004	0.9847	0.9847	0.0000
2023-11-22T14:27:41	2	0	1	1	0	0.9670	0.9673	0.0003	0.9937	0.9938	-0.0001
2023-11-22T14:29:30	1	0	36	36	0	1.0498	1.0498	0.0000	-0.9933	-0.9933	0.0000
2023-11-22T14:33:48	1	0	1	1	0	0.9716	0.9717	0.0001	0.9546	0.9547	-0.0001
2023-11-22T14:35:02	2	0	22	21	1	1.0533	1.0530	-0.0002	-0.9925	-0.9928	0.0003
2023-11-22T14:35:11	2	0	12	11	1	1.0446	1.0435	-0.0010	0.9858	0.9857	0.0001
2023-11-22T14:36:27	1	0	58	57	1	1.0575	1.0575	0.0000	0.9773	0.9773	0.0000
2023-11-22T14:37:08	3	0	2	2	0	1.0268	1.0267	-0.0001	0.9885	0.9885	0.0000
2023-11-22T14:37:44	2	0	29	29	0	1.0469	1.0467	-0.0001	0.9991	0.9991	0.0000
2023-11-22T14:40:08	1	0	6	6	0	1.0220	1.0219	-0.0001	-0.9979	-0.9979	0.0000
2023-11-22T14:40:08	1	0	2	2	0	1.0564	1.0560	-0.0004	0.9971	0.9971	0.0000
2023-11-22T14:40:58	1	0	652	649	3	0.8521	0.8521	0.0000	0.9114	0.9112	0.0002
2023-11-22T14:41:03	2	0	11	11	0	1.0435	1.0434	-0.0001	0.9857	0.9856	0.0001
2023-11-22T14:42:42	2	0	2	2	0	0.9598	0.9600	0.0001	0.9922	0.9922	0.0000
2023-11-22T14:46:17	1	0	3	3	0	1.0292	1.0289	-0.0003	0.999	0.999	0.0000
2023-11-22T14:47:33	1	0	5	5	0	1.0342	1.0342	0.0000	0.9869	0.9869	0.0000
2023-11-22T14:48:09	1	0	1	0	1	1.0332	null	null	0.9291	0.929	0.0001
2023-11-22T14:49:14	1	0	11	11	0	1.0432	1.0431	-0.0002	0.9999	0.9999	0.0000
2023-11-22T14:49:17	3	0	1	1	0	1.0253	1.0220	-0.0033	-0.9782	-0.9789	0.0007
2023-11-22T14:50:16	1	0	3	3	0	1.0506	1.0506	0.0000	0.9962	0.9962	0.0000
2023-11-22T14:50:17	1	0	104	104	0	0.9313	0.9313	0.0000	0.8923	0.8921	0.0002
2023-11-22T14:52:45	1	0	30	30	0	1.0503	1.0503	0.0000	0.9997	0.9996	0.0001

2023-11-22T14:53:20	5	0	4	4	0	1.0325	1.0322	-0.0003	0.9994	0.9994	0.0000
2023-11-22T14:54:37	1	0	3	3	0	1.0411	1.0410	-0.0001	0.9853	0.9852	0.0001
2023-11-22T14:55:01	1	0	1	1	0	1.0289	1.0289	0.0000	0.9891	0.9891	0.0000
2023-11-22T14:58:53	1	0	4	4	0	1.0467	1.0467	0.0000	0.9778	0.9778	0.0000
2023-11-22T15:03:16	1	0	6	6	0	1.0498	1.0497	-0.0001	0.9713	0.9711	0.0002
2023-11-22T15:07:17	1	0	3	3	0	1.0379	1.0377	-0.0002	-1	-1	0.0000
2023-11-22T15:08:44	2	0	17	13	4	1.0538	1.0526	-0.0012	0.9667	0.9666	0.0001
2023-11-22T15:12:31	4	0	1	1	0	0.9930	0.9942	0.0012	-0.9902	-0.9923	0.0021
2023-11-22T15:16:00	8	0	1	1	0	1.0271	1.0230	-0.0041	0.9094	0.9075	0.0019
2023-11-22T15:24:13	1	0	1	0	1	1.0252	null	null	0.9876	0.9876	0.0000
2023-11-22T15:39:14	1	0	1	1	0	1.0252	1.0249	-0.0003	0.986	0.9858	0.0002
2023-11-22T15:50:04	1	0	5	5	0	1.0378	1.0375	-0.0003	0.9637	0.9647	-0.0010
2023-11-22T15:55:02	1	0	22	21	1	1.0510	1.0508	-0.0002	0.9974	0.9974	0.0000
2023-11-22T16:03:41	2	0	1	1	0	0.9436	0.9448	0.0012	0.9931	0.9932	-0.0001
2023-11-22T16:25:15	2	0	3	2	1	0.9755	0.9919	0.0164	0.9965	0.9966	-0.0001
2023-11-22T16:25:37	1	0	122	120	2	1.0591	1.0591	0.0000	0.9994	0.9994	0.0000
2023-11-22T16:50:45	1	0	25	25	0	0.9442	0.9443	0.0001	-0.9999	0.9851	0.0150
2023-11-22T17:14:05	1	0	1	1	0	1.0459	1.0458	-0.0001	-0.9953	-0.9954	0.0001
2023-11-22T18:20:33	1	0	2	2	0	1.0486	1.0486	0.0000	-0.9056	-0.9056	0.0000
2023-11-22T18:20:51	1	0	32	32	0	0.9416	0.9417	0.0000	-0.9995	-0.9995	0.0000
2023-11-22T18:29:10	1	0	1	1	0	1.0409	1.0409	0.0000	-0.9964	-0.9965	0.0001
2023-11-23T07:49:37	1	0	55	55	0	1.0548	1.0548	0.0000	-0.9964	-0.9964	0.0000
2023-11-23T07:51:39	1	0	73	73	0	1.0599	1.0598	-0.0001	-0.9985	-0.9984	-0.0001
2023-11-23T07:51:46	1	0	15	15	0	0.9352	0.9354	0.0002	0.9937	0.9937	0.0000
2023-11-23T07:59:01	2	0	24	23	1	1.0555	1.0555	-0.0001	-0.9521	-0.9515	-0.0006
2023-11-23T07:59:33	1	0	152	151	1	1.0580	1.0580	0.0000	0.9946	0.9946	0.0000
2023-11-23T08:05:13	3	0	12	12	0	0.9553	0.9556	0.0002	0.9999	0.9999	0.0000
2023-11-23T08:06:40	2	0	71	71	0	1.0627	1.0626	-0.0001	0.9922	0.9924	-0.0002
2023-11-23T08:06:47	1	0	11	11	0	0.9358	0.9358	0.0000	0.9933	0.9932	0.0001
2023-11-23T08:20:14	1	0	70	70	0	0.9435	0.9435	0.0000	0.9994	0.9995	-0.0001
2023-11-23T08:25:06	1	0	138	138	0	1.0578	1.0577	-0.0001	0.9999	0.9999	0.0000
2023-11-23T08:29:15	1	0	14	14	0	1.0501	1.0500	-0.0001	0.9975	0.9975	0.0000
2023-11-23T08:48:13	1	0	86	86	0	0.9426	0.9428	0.0002	0.9859	0.9861	-0.0002
2023-11-23T08:49:54	1	0	283	282	1	0.8919	0.8920	0.0001	0.895	0.895	0.0000
2023-11-23T08:50:16	1	0	63	63	0	0.9463	0.9463	0.0000	0.9993	0.9993	0.0000
2023-11-23T08:59:24	1	0	191	187	4	1.0612	1.0611	-0.0001	0.9943	0.9943	0.0000
2023-11-23T09:03:27	1	0	17	17	0	1.0389	1.0388	-0.0001	0.99	0.9901	-0.0001
2023-11-23T09:05:17	2	0	84	76	8	0.9434	0.9439	0.0005	0.9996	0.9996	0.0000
2023-11-23T09:06:44	3	0	15	11	4	1.0558	1.0550	-0.0008	0.9927	0.9929	-0.0002
2023-11-23T09:06:51	2	0	50	43	7	0.9308	0.9312	0.0004	0.9735	0.9732	0.0003
2023-11-23T09:08:23	2	0	19	19	0	0.9432	0.9437	0.0005	-0.9969	-0.9967	-0.0002
2023-11-23T09:11:05	1	0	7	7	0	1.0407	1.0407	0.0000	0.9996	0.9996	0.0000
2023-11-23T09:12:28	2	0	80	80	0	1.1484	1.1476	-0.0007	-0.9987	-0.9992	0.0005
2023-11-23T09:14:06	2	0	79	78	1	1.0565	1.0563	-0.0002	-0.9628	-0.9627	-0.0001
2023-11-23T09:14:25	1	0	181	181	0	1.0621	1.0616	-0.0006	0.9942	0.9942	0.0000
2023-11-23T09:18:15	2	0	77	75	2	0.9471	0.9478	0.0007	0.984	0.9843	-0.0003
2023-11-23T09:18:28	1	0	13	12	1	1.0465	1.0458	-0.0008	0.9913	0.9912	0.0001
2023-11-23T09:18:56	2	0	54	54	0	0.9395	0.9399	0.0004	0.9715	0.9714	0.0001
2023-11-23T09:24:17	2	0	3	3	0	1.0461	1.0457	-0.0003	0.9902	0.99	0.0002
2023-11-23T09:24:34	1	0	2	2	0	1.0236	1.0232	-0.0004	0.9982	0.9987	-0.0005
2023-11-23T09:25:34	1	0	16	11	5	0.9435	0.9433	-0.0002	-0.9909	-0.9906	-0.0003
2023-11-23T09:29:26	2	0	96	95	1	1.0564	1.0564	0.0000	0.9934	0.9934	0.0000
2023-11-23T09:29:39	2	0	120	119	1	1.0576	1.0575	-0.0001	0.9948	0.9948	0.0000
2023-11-23T09:30:55	1	0	4	4	0	1.0228	1.0227	-0.0001	0.9994	0.9994	0.0000
2023-11-23T09:32:50	1	0	26	25	1	1.0479	1.0484	0.0005	0.9795	0.9793	0.0002
2023-11-23T09:33:36	3	0	20	19	1	0.9731	0.9729	-0.0002	-0.9963	-0.9964	0.0001
2023-11-23T09:35:11	2	0	16	8	8	0.9441	0.9451	0.0010	0.9912	0.9913	-0.0001
2023-11-23T09:39:35	2	0	4	4	0	1.0318	1.0315	-0.0004	0.9979	0.9979	0.0000
2023-11-23T09:39:36	2	0	3	0	3	1.0564	null	null	-0.9957	-0.9958	0.0001
2023-11-23T09:40:35	1	0	60	60	0	0.9363	0.9365	0.0002	-0.9928	-0.9925	-0.0003
2023-11-23T09:41:43	1	0	11	10	1	1.0540	1.0535	-0.0004	0.9918	0.9917	0.0001
2023-11-23T09:44:28	1	0	35	34	1	0.9870	0.9871	0.0001	0.9752	0.9751	0.0001
2023-11-23T09:44:43	1	0	4	4	0	0.9429	0.9435	0.0006	0.9655	0.9656	-0.0001
2023-11-23T09:45:37	3	0	3	3	0	1.0182	1.0185	0.0003	0.9982	0.9983	-0.0001
2023-11-23T09:47:14	2	0	2	2	0	1.0195	1.0191	-0.0004	0.9881	0.9881	0.0000
2023-11-23T09:48:37	2	0	133	132	1	0.9186	0.9193	0.0007	-0.9995	-0.9995	0.0000
2023-11-23T09:50:00	4	0	17	17	0	1.0420	1.0414	-0.0006	0.9583	0.9577	0.0006
2023-11-23T09:50:23	4	0	18	18	0	1.0501	1.0494	-0.0007	-0.9995	-0.9996	0.0001
2023-11-23T09:52:59	1	0	3	3	0	1.0237	1.0238	0.0001	0.9935	0.9935	0.0000
2023-11-23T09:54:37	1	0	1	1	0	1.0578	1.0576	-0.0002	-0.9959	-0.9959	0.0000
2023-11-23T09:55:12	1	0	74	69	5	1.0553	1.0552	-0.0001	0.9993	0.9993	0.0000
2023-11-23T09:55:26	1	0	5	5	0	1.0164	1.0163	-0.0001	0.9812	0.9826	-0.0014
2023-11-23T09:59:21	4	0	16	14	2	1.0509	1.0509	0.0000	0.9969	0.9968	0.0001
2023-11-23T09:59:29	1	0	26	26	0	1.0389	1.0387	-0.0001	0.9769	0.9767	0.0002
2023-11-23T09:59:41	2	0	106	104	2	1.0570	1.0569	0.0000	0.9951	0.9951	0.0000
2023-11-23T10:00:11	1	0	1	1	0	1.0254	1.0248	-0.0006	0.9919	0.9917	0.0002
2023-11-23T10:00:40	1	0	2	2	0	1.0460	1.0456	-0.0004	0.9773	0.977	0.0003
2023-11-23T10:02:07	4	0	12	12	0	1.0464	1.0455	-0.0010	-0.9994	-0.9994	0.0000
2023-11-23T10:03:31	1	0	21	20	1	1.0425	1.0418	-0.0007	0.9897	0.9897	0.0000
2023-11-23T10:03:38	8	0	103	88	15	1.0576	1.0580	0.0003	-0.9822	-0.9827	0.0005
2023-11-23T10:05:02	2	0	2	2	0	1.0486	1.0480	-0.0006	-0.925	-0.9254	0.0004
2023-11-23T10:05:24	9	0	16	15	1	1.0480	1.0476	-0.0005	-0.9994	-0.9995	0.0001
2023-11-23T10:06:48	1	0	2	2	0	1.0270	1.0267	-0.0002	0.993	0.9932	-0.0002
2023-11-23T10:08:27	1	0	56	56	0	0.9353	0.9353	0.0000	-0.9977	-0.9975	-0.0002
2023-11-23T10:09:37	1	0	4	4	0	1.0416	1.0415	-0.0002	0.998	0.998	0.0000

2023-11-23T10:10:13	1	0	133	131	2	1.0570	1.0569	-0.0001	0.9994	0.9994	0.0000
2023-11-23T10:10:39	1	0	1	1	0	1.0296	1.0293	-0.0003	0.9673	0.9671	0.0002
2023-11-23T10:10:48	1	0	1	1	0	0.9442	0.9446	0.0004	0.9927	0.9927	0.0000
2023-11-23T10:12:13	2	0	2	2	0	0.9809	0.9811	0.0002	-0.991	-0.9908	-0.0002
2023-11-23T10:12:24	3	0	4	4	0	1.0191	1.0193	0.0002	0.999	0.9991	-0.0001
2023-11-23T10:14:42	1	0	102	102	0	1.0575	1.0575	0.0000	0.9949	0.9948	0.0001
2023-11-23T10:15:28	1	0	17	17	0	1.0475	1.0475	0.0000	-1	-1	0.0000
2023-11-23T10:15:41	1	0	4	4	0	1.0396	1.0395	-0.0001	0.9784	0.978	0.0004
2023-11-23T10:15:59	1	0	4	4	0	1.0223	1.0222	-0.0001	0.9987	0.9986	0.0001
2023-11-23T10:17:08	2	0	11	10	1	1.0461	1.0457	-0.0004	-0.9993	-0.9993	0.0000
2023-11-23T10:17:16	1	0	2	2	0	1.0260	1.0259	-0.0001	0.9887	0.9887	0.0000
2023-11-23T10:17:31	1	0	2	2	0	1.0315	1.0314	-0.0002	0.9972	0.9972	0.0000
2023-11-23T10:18:32	1	0	24	23	1	1.0459	1.0459	-0.0001	0.9898	0.9898	0.0000
2023-11-23T10:18:39	2	0	65	64	1	0.9467	0.9472	0.0006	-0.9974	-0.9973	-0.0001
2023-11-23T10:20:26	1	0	20	19	1	1.0450	1.0449	0.0000	-1	-1	0.0000
2023-11-23T10:21:25	2	0	4	4	0	1.0298	1.0297	-0.0001	-0.9983	-0.9983	0.0000
2023-11-23T10:23:56	1	0	67	67	0	1.0583	1.0582	-0.0001	0.994	0.9954	-0.0014
2023-11-23T10:24:14	1	0	1	1	0	0.9805	0.9809	0.0004	0.9826	0.9827	-0.0001
2023-11-23T10:25:38	2	0	78	77	1	0.9363	0.9366	0.0003	-0.9947	-0.9943	-0.0004
2023-11-23T10:27:14	2	0	2	2	0	0.9595	0.9600	0.0005	-0.9932	-0.9931	-0.0001
2023-11-23T10:28:41	1	0	1	1	0	1.0389	1.0377	-0.0012	-0.9997	-0.9998	0.0001
2023-11-23T10:29:31	3	0	33	33	0	1.0087	1.0087	-0.0001	0.9757	0.9757	0.0000
2023-11-23T10:29:32	1	0	1	1	0	1.0295	1.0291	-0.0004	0.9886	0.9885	0.0001
2023-11-23T10:32:17	1	0	2	1	1	0.9759	1.0181	0.0423	0.9882	0.9882	0.0000
2023-11-23T10:33:33	1	0	21	21	0	1.0444	1.0444	0.0000	0.9906	0.9905	0.0001
2023-11-23T10:33:40	4	0	148	146	2	0.9184	0.9188	0.0004	-0.9998	-0.9998	0.0000
2023-11-23T10:33:43	1	0	1	1	0	1.0160	1.0157	-0.0003	0.9843	0.9843	0.0000
2023-11-23T10:33:46	2	0	4	3	1	1.0430	1.0378	-0.0052	0.9423	0.9423	0.0000
2023-11-23T10:35:03	3	0	104	103	1	0.9401	0.9405	0.0004	0.9175	0.9177	-0.0002
2023-11-23T10:35:03	1	0	6	6	0	1.0436	1.0435	-0.0001	0.9946	0.9945	0.0001
2023-11-23T10:35:26	2	0	16	16	0	1.0481	1.0480	0.0000	-0.9999	-0.9999	0.0000
2023-11-23T10:36:50	1	0	2	2	0	1.0237	1.0236	-0.0001	0.993	0.9929	0.0001
2023-11-23T10:38:29	1	0	14	14	0	0.9502	0.9501	-0.0001	-0.9965	-0.9966	0.0001
2023-11-23T10:40:09	2	0	19	19	0	1.0510	1.0508	-0.0001	-0.9994	-0.9995	0.0001
2023-11-23T10:40:39	1	0	48	48	0	0.9379	0.9382	0.0003	-0.9929	-0.9908	-0.0021
2023-11-23T10:41:10	1	0	3	3	0	1.0377	1.0375	-0.0002	0.9783	0.9783	0.0000
2023-11-23T10:41:28	1	0	14	12	2	1.0496	1.0494	-0.0002	0.9834	0.9833	0.0001
2023-11-23T10:43:15	2	0	1	1	0	1.0318	1.0313	-0.0005	0.9823	0.9821	0.0002
2023-11-23T10:44:35	1	0	2	2	0	1.0368	1.0367	-0.0001	0.9996	0.9996	0.0000
2023-11-23T10:44:44	1	0	114	114	0	1.0577	1.0577	0.0000	0.9951	0.9951	0.0000
2023-11-23T10:45:30	1	0	17	17	0	1.0482	1.0481	-0.0001	-0.9999	-0.9999	0.0000
2023-11-23T10:48:34	3	0	37	36	1	1.0461	1.0469	0.0007	0.99	0.9895	0.0005
2023-11-23T10:48:47	2	0	4	3	1	1.0479	1.0446	-0.0032	0.9427	0.9426	0.0001
2023-11-23T10:48:58	1	0	3	3	0	1.0412	1.0410	-0.0002	0.9988	0.9988	0.0000
2023-11-23T10:50:04	1	0	15	15	0	1.0524	1.0524	0.0000	0.9969	0.9967	0.0002
2023-11-23T10:50:27	1	0	13	12	1	1.0496	1.0490	-0.0007	-0.9997	-0.9997	0.0000
2023-11-23T10:50:28	1	0	21	20	1	1.0461	1.0460	-0.0001	-0.9999	-0.9999	0.0000
2023-11-23T10:50:50	2	0	4	4	0	1.0579	1.0577	-0.0002	0.9988	0.9987	0.0001
2023-11-23T10:53:42	1	0	159	158	1	1.0561	1.0561	-0.0001	-0.9021	-0.9022	0.0001
2023-11-23T10:56:41	1	0	1	0	1	1.0558	null	null	0.9919	0.9918	0.0001
2023-11-23T10:57:41	1	0	22	21	1	1.0467	1.0463	-0.0004	-0.9966	-0.9965	-0.0001
2023-11-23T10:58:00	2	0	33	32	1	1.0516	1.0515	-0.0002	0.9969	0.9969	0.0000
2023-11-23T10:59:32	3	0	153	150	3	1.0595	1.0594	-0.0001	0.9933	0.993	0.0003
2023-11-23T11:00:12	2	0	2	2	0	1.0085	1.0081	-0.0004	0.9712	0.9708	0.0004
2023-11-23T11:00:31	1	0	15	15	0	1.0469	1.0468	-0.0001	0.9961	0.9961	0.0000
2023-11-23T11:01:38	1	0	66	65	1	1.0527	1.0527	0.0000	0.9844	0.9845	-0.0001
2023-11-23T11:03:35	3	0	24	23	1	1.0487	1.0480	-0.0007	0.9907	0.9905	0.0002
2023-11-23T11:03:52	1	0	2	2	0	1.0183	1.0181	-0.0002	-0.9995	-0.9995	0.0000
2023-11-23T11:04:47	2	0	3	3	0	1.0362	1.0361	-0.0001	0.9796	0.9795	0.0001
2023-11-23T11:04:50	1	0	83	83	0	1.0563	1.0562	-0.0001	-0.9976	-0.9978	0.0002
2023-11-23T11:05:28	1	0	15	14	1	1.0486	1.0485	-0.0001	-0.9998	-0.9998	0.0000
2023-11-23T11:09:24	1	0	10	10	0	1.0527	1.0527	-0.0001	0.9905	0.9901	0.0004
2023-11-23T11:10:11	3	0	22	21	1	1.0542	1.0540	-0.0003	-0.9992	-0.9992	0.0000
2023-11-23T11:10:41	1	0	86	84	2	0.9353	0.9356	0.0002	-0.9927	-0.9925	-0.0002
2023-11-23T11:11:12	1	0	4	4	0	1.0361	1.0360	-0.0001	0.9777	0.9777	0.0000
2023-11-23T11:11:42	1	0	1	1	0	1.0564	1.0562	-0.0002	0.9921	0.992	0.0001
2023-11-23T11:11:53	1	0	1	1	0	1.0369	1.0365	-0.0004	-0.9916	-0.9916	0.0000
2023-11-23T11:13:37	1	0	2	2	0	1.0358	1.0356	-0.0002	-0.9989	-0.9989	0.0000
2023-11-23T11:13:44	6	0	4	2	2	1.0450	1.0349	-0.0102	-0.9995	-0.9995	0.0000
2023-11-23T11:14:26	1	0	16	16	0	1.0518	1.0518	0.0000	0.9968	0.9968	0.0000
2023-11-23T11:15:16	3	0	4	3	1	1.0370	1.0293	-0.0077	0.9899	0.9898	0.0001
2023-11-23T11:15:43	2	0	4	4	0	1.0473	1.0472	0.0000	0.9986	0.9992	-0.0006
2023-11-23T11:16:25	2	0	8	8	0	1.0442	1.0436	-0.0005	0.9966	0.9965	0.0001
2023-11-23T11:18:50	1	0	2	2	0	1.0397	1.0394	-0.0003	-0.9988	-0.9988	0.0000
2023-11-23T11:20:06	1	0	20	20	0	1.0460	1.0460	0.0000	0.9678	0.9677	0.0001
2023-11-23T11:22:44	1	0	1	1	0	1.0558	1.0554	-0.0004	0.9844	0.9842	0.0002
2023-11-23T11:28:45	5	0	5	3	2	1.0551	1.0522	-0.0028	-0.9997	-0.9998	0.0001
2023-11-23T11:30:14	2	0	73	73	0	0.9118	0.9118	0.0000	0.977	0.977	0.0000
2023-11-23T11:33:24	1	0	1	1	0	1.0357	1.0357	0.0000	0.9811	0.9813	-0.0002
2023-11-23T11:33:50	2	0	6	5	1	1.0472	1.0452	-0.0021	0.9392	0.9392	0.0000
2023-11-23T11:33:51	2	0	10	10	0	0.9813	0.9813	0.0001	0.999	0.999	0.0000
2023-11-23T11:35:29	1	0	27	27	0	1.0526	1.0526	0.0000	-0.9988	-0.9988	0.0000
2023-11-23T11:35:31	1	0	24	23	1	1.0464	1.0464	0.0000	-1	-1	0.0000
2023-11-23T11:37:55	1	0	36	35	1	1.0470	1.0468	-0.0002	0.9628	0.9627	0.0001
2023-11-23T11:38:06	1	0	12	12	0	1.0481	1.0481	0.0000	0.9955	0.9955	0.0000

2023-11-23T11:38:33	2	0	5	6	-1	0.9864	0.9794	-0.0070	-0.9941	-0.9941	0.0000
2023-11-23T11:39:30	1	0	89	88	1	1.0545	1.0545	0.0000	-0.9751	-0.9749	-0.0002
2023-11-23T11:43:16	1	0	29	28	1	1.0491	1.0488	-0.0003	-0.9942	-0.994	-0.0002
2023-11-23T11:45:13	1	0	25	24	1	1.0482	1.0479	-0.0004	0.9924	0.9925	-0.0001
2023-11-23T11:45:15	2	0	73	73	0	0.9141	0.9141	0.0000	0.9739	0.974	-0.0001
2023-11-23T11:46:29	3	0	5	5	0	1.0244	1.0244	0.0000	0.9989	0.9989	0.0000
2023-11-23T11:48:00	2	0	41	40	1	1.0527	1.0527	0.0000	0.9733	0.9732	0.0001
2023-11-23T11:48:25	1	0	1	1	0	1.0410	1.0410	0.0000	0.9816	0.9817	-0.0001
2023-11-23T11:49:07	1	0	6	7	-1	0.9433	0.9434	0.0001	0.973	0.973	0.0000
2023-11-23T11:50:30	1	0	25	25	0	1.0527	1.0527	0.0000	-0.9993	-0.9993	0.0000
2023-11-23T11:53:07	1	0	12	12	0	1.0482	1.0482	0.0000	0.9961	0.9961	0.0000
2023-11-23T12:01:42	1	0	87	87	0	1.0537	1.0537	0.0000	0.9794	0.9794	0.0000
2023-11-23T12:01:53	1	0	1	1	0	1.0402	1.0399	-0.0003	1	1	0.0000
2023-11-23T12:08:08	1	0	13	13	0	1.0481	1.0481	0.0000	0.9961	0.9961	0.0000
2023-11-23T12:09:32	6	0	124	118	6	1.0560	1.0560	0.0000	-0.9738	-0.9736	-0.0002
2023-11-23T12:10:11	2	0	7	7	0	1.0498	1.0496	-0.0002	0.9993	-1	-0.0007
2023-11-23T12:11:16	1	0	3	5	-2	1.0312	1.0359	0.0047	0.9742	0.9743	-0.0001
2023-11-23T12:11:42	2	0	1	1	0	1.0562	1.0555	-0.0007	0.9956	0.9956	0.0000
2023-11-23T12:16:54	1	0	3	3	0	1.0386	1.0386	-0.0001	-1	-1	0.0000
2023-11-23T12:24:33	1	0	163	161	2	1.0576	1.0575	0.0000	-0.9689	-0.9687	-0.0002
2023-11-23T12:30:48	2	0	4	4	0	1.0492	1.0492	0.0000	0.9992	0.9991	0.0001
2023-11-23T12:31:09	1	0	48	47	1	1.0574	1.0574	0.0000	-0.994	-0.994	0.0000
2023-11-23T12:32:52	2	0	1	1	0	1.0564	1.0443	-0.0121	0.9708	0.9601	0.0107
2023-11-23T12:39:34	1	0	161	158	3	1.0568	1.0569	0.0000	-0.9703	-0.9701	-0.0002
2023-11-23T12:39:59	1	0	12	12	0	1.0465	1.0465	0.0000	0.9998	0.9998	0.0000
2023-11-23T12:41:42	1	0	29	29	0	1.0474	1.0474	0.0000	-0.9913	-0.9913	0.0000
2023-11-23T12:42:48	3	0	49	48	1	1.0495	1.0494	-0.0001	-0.9947	-0.9946	-0.0001
2023-11-23T12:43:50	5	0	6	11	-5	1.0529	1.0535	0.0006	-0.9981	-0.9977	-0.0004
2023-11-23T12:45:17	1	0	37	37	0	1.0501	1.0501	0.0000	0.9927	0.9927	0.0000
2023-11-23T12:45:19	1	0	1	1	0	1.0558	1.0558	0.0000	0.9697	0.9698	-0.0001
2023-11-23T12:45:49	3	0	6	6	0	1.0497	1.0495	-0.0002	0.9997	0.9997	0.0000
2023-11-23T12:48:18	1	0	2	2	0	1.0356	1.0355	-0.0002	0.9997	0.9998	-0.0001
2023-11-23T12:50:08	2	0	8	7	1	1.0423	1.0398	-0.0025	0.9993	0.9993	0.0000
2023-11-23T12:50:34	3	0	101	101	0	0.9268	0.9268	0.0000	0.9981	0.9982	-0.0001
2023-11-23T12:53:38	2	0	3	3	0	1.0582	1.0581	-0.0001	-0.9834	-0.9837	0.0003
2023-11-23T12:58:01	1	0	4	4	0	1.0472	1.0470	-0.0002	0.9832	0.9831	0.0001
2023-11-23T12:59:05	1	0	2	2	0	1.0313	1.0310	-0.0003	0.9822	0.982	0.0002
2023-11-23T13:02:04	1	0	30	30	0	1.0492	1.0492	0.0000	-0.9636	-0.9635	-0.0001
2023-11-23T13:03:51	3	0	31	30	1	1.0520	1.0518	-0.0001	-0.9956	-0.9956	0.0000
2023-11-23T13:05:09	1	0	16	15	1	1.0417	1.0417	0.0000	0.9999	0.9999	0.0000
2023-11-23T13:09:36	2	0	217	215	2	1.0587	1.0587	0.0000	-0.9659	-0.9657	-0.0002
2023-11-23T13:13:52	2	0	15	15	0	1.0513	1.0508	-0.0005	-0.9979	-0.9981	0.0002
2023-11-23T13:16:35	2	0	4	5	-1	1.0333	1.0334	0.0002	0.9999	0.9999	0.0000
2023-11-23T13:17:55	1	0	1	0	1	1.0551	null	null	0.9648	0.9649	-0.0001
2023-11-23T13:18:59	1	0	50	49	1	1.0402	1.0399	-0.0003	-1	0.9952	0.0048
2023-11-23T13:19:43	1	0	20	19	1	1.0489	1.0486	-0.0003	0.9999	0.9999	0.0000
2023-11-23T13:27:45	1	0	86	85	1	1.1232	1.1254	0.0022	-0.9943	-0.9943	0.0000
2023-11-23T13:28:26	1	0	3	3	0	1.0323	1.0321	-0.0002	0.9908	0.9907	0.0001
2023-11-23T13:30:20	1	0	45	44	1	1.0505	1.0503	-0.0001	0.991	0.991	0.0000
2023-11-23T13:30:22	2	0	3	3	0	1.0092	1.0084	-0.0008	0.9682	0.968	0.0002
2023-11-23T13:32:33	1	0	37	36	1	1.0499	1.0498	-0.0002	0.9869	0.9869	0.0000
2023-11-23T13:35:39	2	0	41	40	1	1.0445	1.0453	0.0007	-0.9991	-0.9991	0.0000
2023-11-23T13:39:38	3	0	211	210	1	1.0587	1.0587	0.0000	-0.9681	-0.968	-0.0001
2023-11-23T13:45:21	1	0	51	49	2	1.0512	1.0510	-0.0002	0.9922	0.9922	0.0000
2023-11-23T13:45:23	1	0	1	1	0	1.0131	1.0125	-0.0006	0.9695	0.9694	0.0001
2023-11-23T13:50:40	2	0	46	46	0	1.0446	1.0446	0.0000	-0.999	-0.999	0.0000
2023-11-23T13:50:53	1	0	2	2	0	0.9893	0.9891	-0.0002	-1	-1	0.0000
2023-11-23T13:54:09	1	0	1	1	0	1.0381	1.0378	-0.0003	0.9951	0.996	-0.0009
2023-11-23T13:55:51	2	0	2	2	0	1.0204	1.0199	-0.0006	-0.9948	-0.9949	0.0001
2023-11-23T13:56:53	1	0	1	1	0	1.0575	1.0572	-0.0003	0.981	0.981	0.0000
2023-11-23T13:58:55	1	0	17	16	1	1.0523	1.0523	0.0000	-0.9978	-0.9979	0.0001
2023-11-23T14:00:24	2	0	1	1	0	1.0104	1.0098	-0.0006	0.9693	0.969	0.0003
2023-11-23T14:01:40	1	0	4	4	0	1.0338	1.0337	-0.0001	0.9999	0.9999	0.0000
2023-11-23T14:03:54	13	0	1	1	0	1.0237	1.0234	-0.0003	-0.998	-0.9979	-0.0001
2023-11-23T14:04:00	1	0	22	21	1	1.0450	1.0444	-0.0006	0.9386	0.9385	0.0001
2023-11-23T14:04:12	4	0	16	14	2	1.0453	1.0452	-0.0001	0.9987	0.9987	0.0000
2023-11-23T14:04:43	2	0	5	5	0	1.0424	1.0421	-0.0003	-0.9953	-0.9954	0.0001
2023-11-23T14:05:13	2	0	21	20	1	1.0432	1.0431	-0.0001	-0.9999	-1	0.0001
2023-11-23T14:05:23	3	0	135	134	1	1.0599	1.0599	0.0000	0.9986	0.9986	0.0000
2023-11-23T14:05:41	2	0	49	49	0	1.0453	1.0453	0.0000	-0.9984	-0.9984	0.0000
2023-11-23T14:07:05	4	0	7	13	-6	1.0495	1.0528	0.0033	0.9973	0.9973	0.0000
2023-11-23T14:07:45	1	0	12	12	0	1.0502	1.0502	-0.0001	0.9993	0.9993	0.0000
2023-11-23T14:08:43	2	0	4	4	0	1.0463	1.0462	-0.0001	-0.9756	-0.9757	0.0001
2023-11-23T14:09:47	1	0	3	3	0	1.0264	1.0263	-0.0001	-0.9739	-0.9741	0.0002
2023-11-23T14:11:42	1	0	8	8	0	1.0522	1.0522	0.0000	0.9826	0.9827	-0.0001
2023-11-23T14:11:50	1	0	2	2	0	1.0487	1.0486	-0.0001	0.9968	0.9968	0.0000
2023-11-23T14:11:51	1	0	2	2	0	1.0524	1.0522	-0.0002	0.9969	0.9967	0.0002
2023-11-23T14:11:54	1	0	1	1	0	1.0559	1.0558	-0.0001	0.985	0.985	0.0000
2023-11-23T14:12:18	1	0	1	0	1	1.0345	null	null	-0.99	-0.99	0.0000
2023-11-23T14:15:01	1	0	4	4	0	1.0450	1.0450	0.0000	0.9698	0.9697	0.0001
2023-11-23T14:15:25	2	0	1	0	1	1.0094	null	null	0.971	0.9709	0.0001
2023-11-23T14:15:28	3	0	2	1	1	1.0463	1.0292	-0.0171	0.9761	0.9761	0.0000
2023-11-23T14:17:32	1	0	1	1	0	1.0298	1.0298	0.0000	0.9846	0.9847	-0.0001
2023-11-23T14:18:55	1	0	10	10	0	1.0455	1.0454	0.0000	-0.9999	-0.9999	0.0000
2023-11-23T14:18:56	2	0	86	83	3	1.0546	1.0542	-0.0004	-0.9925	-0.9926	0.0001

2023-11-23T14:19:01	2	0	17	16	1	1.0494	1.0488	-0.0005	0.938	0.9349	0.0031
2023-11-23T14:19:03	2	0	19	18	1	1.0499	1.0501	0.0002	-0.9946	-0.9947	0.0001
2023-11-23T14:19:13	7	0	14	13	1	1.0463	1.0453	-0.0011	0.9987	0.999	-0.0003
2023-11-23T14:19:44	1	0	4	4	0	1.0415	1.0414	-0.0001	-0.9934	-0.9934	0.0000
2023-11-23T14:19:47	1	0	33	32	1	1.0491	1.0488	-0.0003	-1	-1	0.0000
2023-11-23T14:19:59	4	0	3	1	2	1.0457	1.0455	-0.0002	0.9914	0.991	0.0004
2023-11-23T14:20:24	2	0	121	120	1	1.0594	1.0594	0.0000	0.9982	0.9982	0.0000
2023-11-23T14:20:42	2	0	53	53	0	1.0460	1.0459	0.0000	-0.9976	-0.9976	0.0000
2023-11-23T14:22:46	1	0	20	20	0	1.0484	1.0484	0.0000	0.9993	0.9993	0.0000
2023-11-23T14:23:20	3	0	3	2	1	1.0344	1.0350	0.0007	0.9991	0.9991	0.0000
2023-11-23T14:23:35	1	0	9	9	0	1.0484	1.0483	-0.0001	0.9933	0.9931	0.0002
2023-11-23T14:23:44	1	0	4	4	0	1.0461	1.0461	-0.0001	-0.9742	-0.974	-0.0002
2023-11-23T14:24:30	1	0	3	3	0	1.0459	1.0459	0.0000	0.983	0.983	0.0000
2023-11-23T14:24:55	5	0	5	5	0	1.0505	1.0483	-0.0023	1	1	0.0000
2023-11-23T14:25:09	1	0	4	4	0	1.0201	1.0200	-0.0001	-0.9998	-0.9998	0.0000
2023-11-23T14:25:35	6	0	69	67	2	1.0526	1.0526	0.0000	0.9956	0.9957	-0.0001
2023-11-23T14:25:53	1	0	1	0	1	1.0065	null	null	-0.9949	-0.9949	0.0000
2023-11-23T14:25:56	1	0	686	686	0	0.8139	0.8149	0.0011	0.8846	0.8839	0.0007
2023-11-23T14:26:05	2	0	3	3	0	1.0298	1.0298	-0.0001	0.996	0.9961	-0.0001
2023-11-23T14:26:25	1	0	8	8	0	1.0451	1.0450	-0.0001	0.9718	0.9718	0.0000
2023-11-23T14:26:51	1	0	1	1	0	1.0582	1.0580	-0.0002	0.9979	0.9979	0.0000
2023-11-23T14:27:39	3	0	40	39	1	1.0523	1.0523	-0.0001	0.9882	0.9882	0.0000
2023-11-23T14:27:43	2	0	3	3	0	0.9577	0.9577	-0.0001	0.9984	0.9984	0.0000
2023-11-23T14:27:49	1	0	8	8	0	1.0397	1.0397	-0.0001	-0.9959	-0.996	0.0001
2023-11-23T14:28:51	1	0	2	2	0	1.0403	1.0400	-0.0002	0.9636	0.9626	0.0010
2023-11-23T14:29:39	6	0	22	21	1	1.0527	1.0525	-0.0003	0.9975	0.9975	0.0000
2023-11-23T14:30:29	1	0	1	1	0	1.0258	1.0257	-0.0001	0.9767	0.9766	0.0001
2023-11-23T14:31:04	1	0	46	45	1	1.0513	1.0512	-0.0001	-0.9277	-0.9276	-0.0001
2023-11-23T14:31:42	2	0	6	6	0	1.0321	1.0319	-0.0002	0.9999	0.9999	0.0000
2023-11-23T14:32:25	8	0	86	78	8	1.0541	1.0540	-0.0001	-0.997	-0.9972	0.0002
2023-11-23T14:32:37	3	0	38	37	1	1.0502	1.0500	-0.0002	0.9857	0.9857	0.0000
2023-11-23T14:32:44	3	0	5	5	0	1.0456	1.0455	-0.0002	-0.9402	-0.9406	0.0004
2023-11-23T14:33:56	1	0	10	10	0	1.0490	1.0490	0.0000	-0.9999	-0.9999	0.0000
2023-11-23T14:33:58	1	0	69	69	0	1.0546	1.0545	0.0000	-0.9929	-0.9929	0.0000
2023-11-23T14:34:14	7	0	20	19	1	1.0472	1.0466	-0.0006	0.999	0.9993	-0.0003
2023-11-23T14:35:00	3	0	3	3	0	1.0458	1.0457	-0.0001	0.9909	0.9908	0.0001
2023-11-23T14:35:19	1	0	23	23	0	1.0455	1.0455	0.0000	0.9469	0.9462	0.0007
2023-11-23T14:35:21	2	0	6	6	0	1.0533	1.0532	-0.0001	-0.7988	-0.8001	0.0013
2023-11-23T14:35:25	1	0	124	124	0	1.0597	1.0597	0.0000	0.9987	0.9987	0.0000
2023-11-23T14:35:41	1	0	20	17	3	1.0489	1.0489	0.0000	0.9993	0.9993	0.0000
2023-11-23T14:35:43	1	0	54	54	0	1.0487	1.0487	0.0000	-0.9969	-0.997	0.0001
2023-11-23T14:37:47	1	0	22	22	0	1.0492	1.0492	0.0000	0.9995	0.9995	0.0000
2023-11-23T14:38:36	1	0	12	12	0	1.0476	1.0476	0.0000	0.9931	0.9931	0.0000
2023-11-23T14:39:56	2	0	5	5	0	1.0451	1.0448	-0.0004	-1	-1	0.0000
2023-11-23T14:40:10	1	0	4	4	0	1.0211	1.0211	0.0000	-0.9999	-0.9999	0.0000
2023-11-23T14:40:45	2	0	15	14	1	1.0392	1.0399	0.0007	0.9963	0.9962	0.0001
2023-11-23T14:40:59	2	0	7	7	0	1.0214	1.0212	-0.0003	0.9666	0.966	0.0006
2023-11-23T14:41:52	1	0	1	1	0	1.0583	1.0582	-0.0001	0.9981	0.9981	0.0000
2023-11-23T14:41:56	1	0	1	1	0	1.0414	1.0411	-0.0003	0.9844	0.9843	0.0001
2023-11-23T14:43:08	1	0	6	6	0	1.0477	1.0476	0.0000	0.9826	0.9827	-0.0001
2023-11-23T14:43:17	1	0	1	0	1	1.0391	null	null	-0.9988	-0.9988	0.0000
2023-11-23T14:43:28	1	0	3	3	0	1.0316	1.0314	-0.0002	0.9828	0.9826	0.0002
2023-11-23T14:44:28	1	0	196	193	3	1.0612	1.0612	0.0000	-0.8938	-0.8941	0.0003
2023-11-23T14:44:40	3	0	22	22	0	1.0537	1.0537	0.0000	0.9982	0.9982	0.0000
2023-11-23T14:45:27	1	0	2	2	0	1.0092	1.0090	-0.0002	0.9741	0.9739	0.0002
2023-11-23T14:45:30	1	0	1	1	0	1.0274	1.0274	0.0000	0.9778	0.9777	0.0001
2023-11-23T14:46:18	2	0	57	51	6	1.0568	1.0566	-0.0002	-0.9902	-0.9904	0.0002
2023-11-23T14:46:43	4	0	6	6	0	1.0340	1.0337	-0.0003	0.9999	0.9998	0.0001
2023-11-23T14:47:26	1	0	88	81	7	1.0561	1.0557	-0.0005	-0.9977	-0.9977	0.0000
2023-11-23T14:48:12	2	0	138	137	1	1.0571	1.0571	0.0000	0.9667	0.9665	0.0002
2023-11-23T14:50:26	1	0	149	148	1	1.0613	1.0613	0.0000	0.9988	0.9987	0.0001
2023-11-23T14:50:42	2	0	6	6	0	1.0436	1.0434	-0.0002	0.9958	0.9957	0.0001
2023-11-23T14:50:54	1	0	10	10	0	1.0328	1.0327	-0.0001	0.9939	0.9939	0.0000
2023-11-23T14:51:44	1	0	16	15	1	1.0482	1.0490	0.0008	0.9863	0.9863	0.0000
2023-11-23T14:52:08	4	0	3	3	0	1.0402	1.0398	-0.0003	0.9962	0.9962	0.0000
2023-11-23T14:52:59	1	0	2	2	0	1.0496	1.0494	-0.0002	0.9845	0.9844	0.0001
2023-11-23T14:53:22	4	0	5	5	0	1.0358	1.0358	0.0000	0.9993	0.9993	0.0000
2023-11-23T14:54:57	3	0	6	6	0	1.0376	1.0373	-0.0003	0.9997	0.9997	0.0000
2023-11-23T14:55:37	1	0	79	78	1	1.0531	1.0531	0.0000	0.9945	0.9945	0.0000
2023-11-23T14:56:53	4	0	5	3	2	1.0353	1.0355	0.0001	0.998	0.9979	0.0001
2023-11-23T14:57:41	6	0	79	73	6	1.0546	1.0544	-0.0002	0.9882	0.9879	0.0003
2023-11-23T14:57:47	1	0	17	16	1	1.0468	1.0463	-0.0006	0.9993	0.9993	0.0000
2023-11-23T14:58:18	1	0	1	1	0	1.0402	1.0402	0.0000	-0.9988	-0.9988	0.0000
2023-11-23T14:59:01	7	0	16	17	-1	1.0501	1.0497	-0.0004	-0.9976	-0.998	0.0004
2023-11-23T14:59:41	1	0	21	21	0	1.0529	1.0529	0.0000	0.9974	0.9974	0.0000
2023-11-23T15:00:26	2	0	79	78	1	1.0518	1.0516	-0.0002	0.9906	0.9906	0.0000
2023-11-23T15:01:04	8	0	4	3	1	1.0320	1.0307	-0.0013	0.9008	0.8979	0.0029
2023-11-23T15:03:51	1	0	81	81	0	1.0476	1.0476	0.0000	0.9892	0.9893	-0.0001
2023-11-23T15:10:38	2	0	81	79	2	1.0533	1.0533	0.0000	0.9957	0.9957	0.0000
2023-11-23T15:11:01	1	0	454	442	12	0.8844	0.8849	0.0006	0.9082	0.9084	-0.0002
2023-11-23T15:11:08	1	0	4	4	0	1.0312	1.0312	0.0000	0.9945	0.9945	0.0000
2023-11-23T15:11:54	1	0	2	2	0	1.0474	1.0472	-0.0002	0.9981	0.9979	0.0002
2023-11-23T15:12:52	1	0	13	13	0	1.0427	1.0427	0.0000	-0.9933	-0.9933	0.0000
2023-11-23T15:16:45	1	0	7	7	0	1.0344	1.0344	0.0000	1	1	0.0000
2023-11-23T15:20:18	2	0	3	3	0	1.0359	1.0357	-0.0002	0.99	0.9914	-0.0014

2023-11-23T15:21:09	1	0	11	10	1	1.0491	1.0492	0.0001	-0.9948	-0.995	0.0002
2023-11-23T15:25:00	1	0	3	3	0	1.0494	1.0493	-0.0001	-1	0.9998	0.0002
2023-11-23T15:25:39	2	0	85	84	1	1.0535	1.0535	0.0000	0.9957	0.9956	0.0001
2023-11-23T15:27:43	3	0	82	81	1	1.0544	1.0544	0.0000	0.9882	0.9882	0.0000
2023-11-23T15:32:29	1	0	77	75	2	1.0516	1.0516	0.0000	-0.9966	-0.9965	-0.0001
2023-11-23T15:38:49	1	0	3	3	0	1.0413	1.0413	0.0000	-0.9785	-0.9783	-0.0002
2023-11-23T15:49:01	2	0	6	6	0	1.0414	1.0413	-0.0001	-0.9939	-0.9939	0.0000
2023-11-23T15:50:48	1	0	49	49	0	1.0489	1.0489	0.0000	-0.9975	-0.9975	0.0000
2023-11-23T15:57:49	2	0	4	4	0	0.9773	0.9769	-0.0004	0.9988	0.9987	0.0001
2023-11-23T16:20:26	1	0	277	277	0	0.8908	0.8910	0.0002	0.8765	0.8768	-0.0003
2023-11-23T16:55:06	1	0	1	1	0	1.0210	1.0203	-0.0007	0.9999	0.9999	0.0000
2023-11-24T07:51:46	1	0	62	61	1	0.9279	0.9281	0.0002	0.9821	0.9819	0.0002
2023-11-24T07:55:29	2	0	2	2	0	1.0287	1.0283	-0.0004	-0.9688	-0.9683	-0.0005
2023-11-24T08:05:10	1	0	183	181	2	1.0593	1.0593	0.0000	0.9966	0.9966	0.0000
2023-11-24T08:05:13	3	0	30	29	1	0.9475	0.9478	0.0003	0.999	0.9991	-0.0001
2023-11-24T08:06:47	1	0	51	50	1	0.9292	0.9293	0.0000	0.9796	0.9794	0.0002
2023-11-24T08:10:05	2	0	178	178	0	1.0576	1.0576	0.0000	-0.9998	-0.9998	0.0000
2023-11-24T08:14:03	2	0	35	34	1	1.0526	1.0525	-0.0001	-0.9285	-0.9281	-0.0004
2023-11-24T08:14:35	1	0	194	193	1	1.0591	1.0591	0.0000	0.9887	0.9887	0.0000
2023-11-24T08:19:40	1	0	15	14	1	1.0494	1.0490	-0.0004	-0.9944	-0.9944	0.0000
2023-11-24T08:29:04	1	0	63	63	0	1.0539	1.0539	0.0000	-0.9169	-0.917	0.0001
2023-11-24T08:29:17	1	0	13	13	0	1.0481	1.0481	0.0000	-0.9999	-0.9999	0.0000
2023-11-24T08:29:36	1	0	208	207	1	1.0600	1.0600	0.0000	0.9877	0.9877	0.0000
2023-11-24T08:50:13	2	0	246	242	4	1.0606	1.0605	-0.0001	0.9967	0.9966	0.0001
2023-11-24T08:58:35	1	0	1	1	0	1.0320	1.0317	-0.0003	-0.9808	-0.9808	0.0000
2023-11-24T09:02:04	2	0	9	9	0	1.0448	1.0448	0.0000	-0.9978	-0.9977	-0.0001
2023-11-24T09:02:35	2	0	1	1	0	1.0328	1.0328	0.0000	0.991	0.991	0.0000
2023-11-24T09:03:36	1	0	145	145	0	0.9070	0.9071	0.0002	0.9987	0.9987	0.0000
2023-11-24T09:04:00	1	0	6	6	0	1.0407	1.0407	0.0000	-0.9989	-0.9989	0.0000
2023-11-24T09:04:43	1	0	14	13	1	1.0503	1.0497	-0.0006	-0.995	-0.995	0.0000
2023-11-24T09:05:14	1	0	217	216	1	1.0627	1.0626	-0.0001	0.9963	0.9963	0.0000
2023-11-24T09:06:51	2	0	37	32	5	0.9318	0.9322	0.0004	0.9808	0.9768	0.0040
2023-11-24T09:10:09	1	0	160	156	4	1.0572	1.0571	-0.0001	1	1	0.0000
2023-11-24T09:13:56	2	0	3	3	0	1.0341	1.0339	-0.0002	0.985	0.9851	-0.0001
2023-11-24T09:14:07	1	0	82	79	3	1.0558	1.0557	-0.0001	-0.9283	-0.9285	0.0002
2023-11-24T09:14:20	1	0	8	8	0	1.0465	1.0464	-0.0001	0.9974	0.9973	0.0001
2023-11-24T09:14:39	3	0	221	217	4	1.0606	1.0605	-0.0001	0.9871	0.987	0.0001
2023-11-24T09:16:33	1	0	119	119	0	1.0543	1.0543	0.0000	0.9825	0.9825	0.0000
2023-11-24T09:18:37	1	0	145	144	1	0.9120	0.9122	0.0002	0.9978	0.9978	0.0000
2023-11-24T09:20:15	1	0	331	327	4	1.0684	1.0682	-0.0002	0.9964	0.9964	0.0000
2023-11-24T09:25:33	2	0	1	0	1	1.0071	null	null	-0.9941	-0.9942	0.0001
2023-11-24T09:31:44	1	0	1	0	1	1.0409	null	null	-0.9999	-0.9999	0.0000
2023-11-24T09:33:16	1	0	2	2	0	1.0002	1.0002	0.0000	0.996	0.9961	-0.0001
2023-11-24T09:33:28	1	0	11	10	1	1.0374	1.0357	-0.0017	0.9915	0.9917	-0.0002
2023-11-24T09:34:59	3	0	18	18	0	1.0418	1.0413	-0.0005	0.9468	0.9463	0.0005
2023-11-24T09:35:21	4	0	16	15	1	1.0484	1.0484	0.0000	-0.9982	-0.9982	0.0000
2023-11-24T09:36:47	3	0	2	2	0	1.0279	1.0276	-0.0002	0.9946	0.9946	0.0000
2023-11-24T09:39:21	1	0	17	17	0	1.0446	1.0446	0.0000	0.971	0.9709	0.0001
2023-11-24T09:41:08	1	0	9	9	0	1.0205	1.0206	0.0001	0.9997	0.9997	0.0000
2023-11-24T09:42:38	1	0	80	80	0	1.1472	1.1460	-0.0011	-0.9908	-0.9908	0.0000
2023-11-24T09:43:57	1	0	2	2	0	1.0435	1.0434	-0.0001	-0.991	-0.991	0.0000
2023-11-24T09:45:38	3	0	1	1	0	0.9736	0.9740	0.0004	0.9934	0.9934	0.0000
2023-11-24T09:46:58	1	0	7	7	0	1.0303	1.0302	-0.0001	0.9961	0.9961	0.0000
2023-11-24T09:49:46	1	0	16	16	0	1.0501	1.0501	-0.0001	-0.9917	-0.992	0.0003
2023-11-24T09:50:00	1	0	18	18	0	1.0410	1.0410	0.0000	0.9472	0.9469	0.0003
2023-11-24T09:50:25	1	0	32	31	1	1.0463	1.0463	0.0000	-0.9994	-0.9994	0.0000
2023-11-24T09:54:20	2	0	5	5	0	1.0473	1.0470	-0.0003	0.9928	0.9924	0.0004
2023-11-24T09:54:22	1	0	21	21	0	1.0445	1.0443	-0.0002	0.9692	0.969	0.0002
2023-11-24T09:54:44	1	0	1	0	1	1.0552	null	null	0.9987	0.9987	0.0000
2023-11-24T09:55:04	1	0	12	11	1	0.9459	0.9463	0.0004	0.9731	0.9731	0.0000
2023-11-24T09:55:27	1	0	6	6	0	1.0167	1.0166	-0.0001	0.9807	0.9806	0.0001
2023-11-24T09:59:42	1	0	264	263	1	1.0610	1.0609	0.0000	0.9877	0.9876	0.0001
2023-11-24T10:00:12	1	0	1	1	0	1.0238	1.0235	-0.0003	0.9791	0.9789	0.0002
2023-11-24T10:00:41	8	0	57	27	30	1.0601	1.0572	-0.0029	0.9745	0.9524	0.0221
2023-11-24T10:02:53	1	0	17	16	1	1.0449	1.0448	-0.0001	0.9606	0.9604	0.0002
2023-11-24T10:03:56	1	0	12	12	0	1.0417	1.0417	-0.0001	0.9992	0.9992	0.0000
2023-11-24T10:04:55	2	0	4	4	0	1.0380	1.0372	-0.0007	0.9899	0.9913	-0.0014
2023-11-24T10:05:03	2	0	2	2	0	1.0470	1.0464	-0.0006	-0.8509	-0.8515	0.0006
2023-11-24T10:05:18	2	0	347	344	3	1.0664	1.0664	0.0000	0.9963	0.9962	0.0001
2023-11-24T10:05:23	3	0	26	26	0	1.0528	1.0524	-0.0004	-0.9977	-0.9978	0.0001
2023-11-24T10:06:49	1	0	3	3	0	1.0379	1.0378	-0.0001	0.99	0.9902	-0.0002
2023-11-24T10:09:23	1	0	23	23	0	1.0375	1.0375	0.0000	0.9718	0.9716	0.0002
2023-11-24T10:09:32	1	0	3	3	0	1.0250	1.0249	-0.0001	-0.9498	-0.9501	0.0003
2023-11-24T10:09:45	1	0	1	1	0	1.0597	1.0594	-0.0003	0.9992	0.9992	0.0000
2023-11-24T10:10:40	1	0	1	1	0	1.0193	1.0189	-0.0004	0.9694	0.9693	0.0001
2023-11-24T10:14:16	1	0	12	11	1	1.0476	1.0478	0.0001	-0.9952	-0.9953	0.0001
2023-11-24T10:15:42	1	0	2	2	0	1.0306	1.0297	-0.0009	0.9076	0.9062	0.0014
2023-11-24T10:16:01	1	0	3	3	0	1.0304	1.0303	-0.0001	0.9997	0.9997	0.0000
2023-11-24T10:16:40	4	0	2	1	1	1.0460	1.0454	-0.0006	-0.9781	-0.9784	0.0003
2023-11-24T10:17:09	4	0	16	15	1	1.0473	1.0469	-0.0004	-0.997	-0.997	0.0000
2023-11-24T10:18:31	1	0	13	12	1	1.0411	1.0398	-0.0013	0.9907	0.9909	-0.0002
2023-11-24T10:18:55	2	0	6	6	0	0.9844	0.9845	0.0001	-0.9998	-0.9998	0.0000
2023-11-24T10:20:02	1	0	36	34	2	1.0500	1.0498	-0.0002	0.9625	0.9622	0.0003
2023-11-24T10:20:15	1	0	4	4	0	1.0478	1.0476	-0.0002	-0.9995	-0.9995	0.0000
2023-11-24T10:21:26	1	0	3	3	0	1.0454	1.0450	-0.0004	-0.9974	-0.9975	0.0001

2023-11-24T10:24:24	2	0	17	17	0	1.0384	1.0383	-0.0001	0.9717	0.9715	0.0002
2023-11-24T10:24:54	1	0	3	3	0	1.0147	1.0146	-0.0001	-0.9999	-0.9999	0.0000
2023-11-24T10:26:11	1	0	5	5	0	1.0361	1.0361	0.0000	0.9818	0.9817	0.0001
2023-11-24T10:26:38	1	0	1	1	0	1.0457	1.0453	-0.0004	0.9952	0.9948	0.0004
2023-11-24T10:28:34	1	0	1	1	0	1.0471	1.0468	-0.0003	0.9748	0.9741	0.0007
2023-11-24T10:29:25	5	0	8	7	1	1.0476	1.0463	-0.0013	0.9971	0.997	0.0001
2023-11-24T10:31:02	1	0	4	4	0	1.0268	1.0267	-0.0002	0.9997	0.9997	0.0000
2023-11-24T10:31:45	1	0	31	30	1	1.0514	1.0512	-0.0002	0.984	0.984	0.0000
2023-11-24T10:33:32	1	0	12	12	0	1.0375	1.0375	-0.0001	0.9921	0.9921	0.0000
2023-11-24T10:33:58	4	0	6	6	0	1.0415	1.0411	-0.0004	0.9998	0.9997	0.0001
2023-11-24T10:35:00	1	0	37	37	0	1.0555	1.0554	-0.0001	0.9928	0.9928	0.0000
2023-11-24T10:35:03	2	0	26	26	0	1.0452	1.0451	0.0000	0.9591	0.9586	0.0005
2023-11-24T10:35:25	2	0	22	22	0	1.0496	1.0495	0.0000	-0.9985	-0.9985	0.0000
2023-11-24T10:35:28	1	0	27	26	1	1.0454	1.0454	0.0000	-0.9996	-0.9996	0.0000
2023-11-24T10:37:36	4	0	4	1	3	1.0457	1.0454	-0.0003	0.9844	0.9839	0.0005
2023-11-24T10:38:55	1	0	1	0	1	1.0361	null	null	0.9955	0.9955	0.0000
2023-11-24T10:43:42	8	0	12	3	9	1.0515	1.0454	-0.0062	-0.9767	-0.9777	0.0010
2023-11-24T10:45:15	2	0	2	1	1	1.0434	1.0253	-0.0181	0.979	0.9789	0.0001
2023-11-24T10:45:44	1	0	2	2	0	1.0335	1.0329	-0.0006	0.9003	0.9011	-0.0008
2023-11-24T10:46:03	1	0	5	5	0	1.0265	1.0263	-0.0001	0.9998	0.9998	0.0000
2023-11-24T10:46:35	3	0	19	18	1	1.0361	1.0347	-0.0014	0.9938	0.9938	0.0000
2023-11-24T10:46:46	4	0	38	37	1	1.0510	1.0508	-0.0002	0.9853	0.9852	0.0001
2023-11-24T10:47:11	2	0	20	20	0	1.0485	1.0482	-0.0003	-0.9973	-0.9974	0.0001
2023-11-24T10:48:21	1	0	2	2	0	1.0461	1.0458	-0.0002	0.9951	0.9951	0.0000
2023-11-24T10:48:33	1	0	18	17	1	1.0437	1.0429	-0.0008	0.9927	0.9926	0.0001
2023-11-24T10:48:46	1	0	1	1	0	1.0286	1.0283	-0.0003	0.9759	0.9758	0.0001
2023-11-24T10:48:52	1	0	2	2	0	1.0266	1.0265	-0.0002	-0.9967	-0.9967	0.0000
2023-11-24T10:48:57	1	0	7	7	0	0.9923	0.9922	-0.0001	-1	-1	0.0000
2023-11-24T10:48:59	1	0	7	7	0	1.0391	1.0391	0.0000	0.998	0.998	0.0000
2023-11-24T10:50:01	1	0	17	17	0	1.0542	1.0542	0.0000	0.9933	0.9931	0.0002
2023-11-24T10:50:29	3	0	32	31	1	1.0465	1.0464	-0.0001	-0.9996	-0.9996	0.0000
2023-11-24T10:50:51	2	0	2	2	0	1.0658	1.0655	-0.0004	-0.9975	-0.9977	0.0002
2023-11-24T10:51:52	1	0	2	2	0	1.0297	1.0296	-0.0002	0.997	0.997	0.0000
2023-11-24T10:53:09	1	0	91	90	1	1.0528	1.0528	0.0000	-0.9686	-0.9683	-0.0003
2023-11-24T10:53:43	1	0	76	76	0	1.0535	1.0534	-0.0001	-0.9256	-0.9256	0.0000
2023-11-24T10:54:43	2	0	1	0	1	1.0558	null	null	-0.9947	-0.995	0.0003
2023-11-24T10:55:52	1	0	3	4	-1	1.0264	1.0263	-0.0001	0.994	0.994	0.0000
2023-11-24T10:56:40	4	0	1	1	0	1.0372	1.0347	-0.0025	0.9932	0.9929	0.0003
2023-11-24T10:56:41	1	0	1	1	0	1.0581	1.0572	-0.0009	-0.9998	-0.9998	0.0000
2023-11-24T10:58:16	1	0	29	28	1	1.0511	1.0509	-0.0002	0.9989	0.999	-0.0001
2023-11-24T11:00:34	1	0	16	16	0	1.0482	1.0481	-0.0001	1	1	0.0000
2023-11-24T11:00:43	3	0	1	1	0	0.9756	0.9766	0.0010	0.9911	0.9913	-0.0002
2023-11-24T11:01:36	1	0	19	18	1	1.0354	1.0343	-0.0011	0.9946	0.9946	0.0000
2023-11-24T11:01:47	6	0	42	41	1	1.0516	1.0515	-0.0001	0.9838	0.9838	0.0000
2023-11-24T11:03:34	1	0	16	16	0	1.0423	1.0422	-0.0001	0.9904	0.9903	0.0001
2023-11-24T11:04:03	1	0	9	9	0	1.0398	1.0397	-0.0001	0.9978	0.9978	0.0000
2023-11-24T11:05:41	3	0	1	0	1	1.0134	null	null	0.9997	0.9996	0.0001
2023-11-24T11:07:43	1	0	1	1	0	1.0583	1.0579	-0.0004	-0.9996	-0.9997	0.0001
2023-11-24T11:09:25	1	0	2	1	1	1.0452	1.0450	-0.0002	0.9899	0.9735	0.0164
2023-11-24T11:09:49	2	0	3	3	0	1.0549	1.0546	-0.0003	0.9994	0.9994	0.0000
2023-11-24T11:11:14	1	0	4	4	0	1.0405	1.0405	0.0000	0.9845	0.9845	0.0000
2023-11-24T11:11:50	1	0	5	4	1	1.0573	1.0556	-0.0016	0.9349	0.9346	0.0003
2023-11-24T11:13:37	1	0	4	4	0	1.0489	1.0486	-0.0002	0.9717	0.9715	0.0002
2023-11-24T11:13:44	1	0	6	5	1	1.0399	1.0401	0.0002	-0.9804	-0.9807	0.0003
2023-11-24T11:15:52	1	0	6	6	0	1.0516	1.0515	-0.0001	-0.9837	-0.9838	0.0001
2023-11-24T11:16:22	1	0	2	2	0	1.0414	1.0411	-0.0003	-0.9612	-0.9609	-0.0003
2023-11-24T11:16:44	5	0	2	0	2	1.0451	null	null	-0.9757	-0.976	0.0003
2023-11-24T11:16:48	1	0	46	45	1	1.0523	1.0522	-0.0002	0.9842	0.9841	0.0001
2023-11-24T11:16:56	1	0	58	57	1	1.0498	1.0496	-0.0002	-0.9642	-0.9643	0.0001
2023-11-24T11:18:35	1	0	22	20	2	1.0473	1.0464	-0.0009	0.9927	0.9925	0.0002
2023-11-24T11:18:52	2	0	1	0	1	1.0559	null	null	0.9445	0.9445	0.0000
2023-11-24T11:20:00	1	0	4	4	0	1.0411	1.0407	-0.0004	0.9894	0.991	-0.0016
2023-11-24T11:20:06	1	0	19	19	0	1.0412	1.0411	0.0000	0.9393	0.9391	0.0002
2023-11-24T11:20:42	1	0	1	1	0	1.0594	1.0583	-0.0011	0.9925	0.9924	0.0001
2023-11-24T11:22:35	1	0	38	37	1	1.0496	1.0498	0.0003	-0.9999	-0.9999	0.0000
2023-11-24T11:23:11	1	0	106	104	2	1.0544	1.0544	0.0000	-0.9669	-0.9666	-0.0003
2023-11-24T11:28:18	1	0	33	33	0	1.0509	1.0508	-0.0001	0.9994	0.9995	-0.0001
2023-11-24T11:29:07	1	0	2	2	0	1.0253	1.0253	0.0000	0.9825	0.9825	0.0000
2023-11-24T11:30:13	1	0	20	19	1	1.0474	1.0470	-0.0004	0.9983	0.9983	0.0000
2023-11-24T11:30:14	3	0	1	0	1	1.0135	null	null	0.9627	0.9625	0.0002
2023-11-24T11:30:36	1	0	2	2	0	1.0370	1.0370	0.0000	0.9969	0.9969	0.0000
2023-11-24T11:31:43	1	0	69	69	0	1.0527	1.0527	0.0000	0.982	0.9821	-0.0001
2023-11-24T11:31:57	2	0	55	55	0	1.0491	1.0489	-0.0002	-0.9629	-0.9628	-0.0001
2023-11-24T11:32:45	2	0	2	2	0	1.0344	1.0344	0.0000	0.9915	0.9919	-0.0004
2023-11-24T11:33:36	3	0	22	22	0	1.0469	1.0469	0.0000	0.9911	0.991	0.0001
2023-11-24T11:34:04	2	0	1	1	0	1.0418	1.0418	0.0000	-0.999	-0.999	0.0000
2023-11-24T11:35:32	2	0	45	45	0	1.0467	1.0467	0.0000	-0.9994	-0.9993	-0.0001
2023-11-24T11:36:55	4	0	4	7	-3	1.0445	1.0492	0.0047	0.9936	0.9937	-0.0001
2023-11-24T11:37:16	1	0	1	1	0	1.0586	1.0586	0.0000	-0.9835	-0.9833	-0.0002
2023-11-24T11:37:36	1	0	37	37	0	1.0503	1.0503	0.0000	-0.9997	-0.9997	0.0000
2023-11-24T11:38:12	3	0	129	127	2	1.0556	1.0556	0.0000	-0.9628	-0.9625	-0.0003
2023-11-24T11:39:38	1	0	2	2	0	1.0204	1.0204	0.0000	-0.9819	-0.9818	-0.0001
2023-11-24T11:39:51	3	0	4	4	0	1.0452	1.0448	-0.0004	0.9983	0.9982	0.0001
2023-11-24T11:39:59	1	0	1	1	0	1.0361	1.0360	-0.0001	-1	-1	0.0000
2023-11-24T11:40:55	1	0	1	1	0	1.0290	1.0289	-0.0001	0.994	0.994	0.0000

2023-11-24T11:43:19	2	0	32	31	1	1.0522	1.0521	-0.0002	1	1	0.0000
2023-11-24T11:45:37	1	0	2	2	0	1.0371	1.0371	0.0000	0.9967	0.9967	0.0000
2023-11-24T11:45:46	1	0	3	3	0	1.0474	1.0474	-0.0001	0.9946	0.9958	-0.0012
2023-11-24T11:45:48	6	0	2	2	0	1.0384	1.0384	0.0000	0.8992	0.8993	-0.0001
2023-11-24T11:46:50	3	0	50	48	2	1.0526	1.0524	-0.0002	0.9844	0.9844	0.0000
2023-11-24T11:46:53	1	0	1	1	0	1.0560	1.0556	-0.0004	0.9997	0.9997	0.0000
2023-11-24T11:46:59	1	0	59	58	1	1.0497	1.0496	-0.0001	-0.962	-0.9619	-0.0001
2023-11-24T11:47:46	1	0	1	1	0	1.0315	1.0315	0.0000	0.9892	0.9897	-0.0005
2023-11-24T11:47:54	2	0	8	7	1	1.0514	1.0497	-0.0018	0.9552	0.9551	0.0001
2023-11-24T11:49:05	6	0	9	11	-2	1.0415	1.0424	0.0009	0.9978	0.9975	0.0003
2023-11-24T11:49:05	2	0	2	2	0	0.9993	0.9993	0.0000	-0.9996	-0.9996	0.0000
2023-11-24T11:50:33	1	0	49	49	0	1.0489	1.0489	0.0000	-0.9984	-0.9984	0.0000
2023-11-24T11:52:37	1	0	28	28	0	1.0498	1.0498	0.0000	0.9999	0.9999	0.0000
2023-11-24T11:53:13	9	0	164	160	4	1.0570	1.0570	-0.0001	-0.9563	-0.9563	0.0000
2023-11-24T11:54:52	4	0	4	4	0	1.0515	1.0512	-0.0003	0.9988	0.9993	-0.0005
2023-11-24T12:00:38	1	0	7	8	-1	1.0438	1.0440	0.0002	0.9976	0.9976	0.0000
2023-11-24T12:00:49	4	0	3	3	0	1.0325	1.0318	-0.0007	0.9002	0.9006	-0.0004
2023-11-24T12:03:38	2	0	26	25	1	1.0477	1.0477	0.0000	0.9901	0.99	0.0001
2023-11-24T12:04:06	2	0	1	1	0	1.0424	1.0424	0.0000	-0.999	-0.999	0.0000
2023-11-24T12:05:34	1	0	44	44	0	1.0486	1.0486	0.0000	-0.999	-0.999	0.0000
2023-11-24T12:07:38	1	0	33	33	0	1.0520	1.0520	0.0000	1	1	0.0000
2023-11-24T12:08:12	1	0	4	4	0	1.0300	1.0300	0.0000	0.9991	0.9991	0.0000
2023-11-24T12:11:54	1	0	3	4	-1	1.0509	1.0522	0.0013	0.9391	0.9392	-0.0001
2023-11-24T12:17:48	1	0	1	1	0	1.0341	1.0341	0.0000	0.9899	0.9903	-0.0004
2023-11-24T12:23:15	3	0	195	194	1	1.0583	1.0583	0.0000	-0.9508	-0.9506	-0.0002
2023-11-24T12:24:54	4	0	5	6	-1	1.0488	1.0423	-0.0064	0.9991	0.9991	0.0000
2023-11-24T12:30:49	2	0	1	1	0	1.0399	1.0398	-0.0001	0.993	0.9929	0.0001
2023-11-24T12:32:57	2	0	7	8	-1	1.0448	1.0464	0.0016	0.9578	0.9547	0.0031
2023-11-24T12:37:02	3	0	3	5	-2	1.0556	1.0564	0.0008	0.9921	0.9922	-0.0001
2023-11-24T12:59:27	1	0	16	16	0	1.0505	1.0505	0.0000	-0.9946	-0.9946	0.0000
2023-11-24T13:05:35	2	0	46	45	1	1.0518	1.0516	-0.0002	-0.9951	-0.9951	0.0000
2023-11-24T13:23:19	3	0	253	253	0	1.0601	1.0600	0.0000	-0.9454	-0.9451	-0.0003
2023-11-24T13:28:12	1	0	23	22	1	1.0508	1.0506	-0.0003	0.989	0.989	0.0000
2023-11-24T13:30:53	2	0	2	0	2	1.0566	null	null	0.997	0.9969	0.0001
2023-11-24T13:35:40	2	0	10	9	1	1.0498	1.0492	-0.0007	0.9949	0.9949	0.0000
2023-11-24T13:39:59	1	0	5	5	0	1.0487	1.0486	0.0000	0.9999	0.9999	0.0000
2023-11-24T13:43:13	1	0	28	27	1	1.0506	1.0504	-0.0002	0.9914	0.9914	0.0000
2023-11-24T13:45:23	3	0	1	1	0	1.0154	1.0148	-0.0006	0.9639	0.9637	0.0002
2023-11-24T13:46:58	2	0	52	52	0	1.0531	1.0531	0.0000	0.9838	0.9838	0.0000
2023-11-24T14:04:14	3	0	23	21	2	1.0479	1.0481	0.0002	0.9988	0.9984	0.0004
2023-11-24T14:04:44	2	0	4	4	0	1.0407	1.0404	-0.0003	-0.9936	-0.9937	0.0001
2023-11-24T14:05:14	2	0	54	53	1	1.0551	1.0551	0.0000	0.9884	0.9886	-0.0002
2023-11-24T14:06:07	3	0	5	5	0	1.0586	1.0585	-0.0002	-0.9978	-0.9978	0.0000
2023-11-24T14:07:07	2	0	3	3	0	1.0404	1.0404	0.0000	0.9921	0.992	0.0001
2023-11-24T14:10:04	1	0	6	6	0	1.0484	1.0484	0.0000	0.9998	0.9998	0.0000
2023-11-24T14:13:56	9	0	4	3	1	1.0481	1.0439	-0.0043	-0.9899	-0.9899	0.0000
2023-11-24T14:17:09	1	0	77	77	0	1.0514	1.0514	0.0000	-0.9595	-0.9596	0.0001
2023-11-24T14:18:35	1	0	1	2	-1	1.0455	1.0236	-0.0220	0.9936	0.9937	-0.0001
2023-11-24T14:19:15	2	0	18	18	0	1.0495	1.0494	0.0000	0.9985	0.9985	0.0000
2023-11-24T14:20:40	18	0	53	45	8	1.0518	1.0492	-0.0026	-0.9951	-0.9955	0.0004
2023-11-24T14:21:08	1	0	7	7	0	1.0519	1.0518	-0.0001	-0.9999	-0.9999	0.0000
2023-11-24T14:25:05	1	0	5	5	0	1.0463	1.0463	0.0000	0.999	0.999	0.0000
2023-11-24T14:25:57	2	0	195	193	2	0.9290	0.9298	0.0007	0.9377	0.9379	-0.0002
2023-11-24T14:26:06	1	0	9	9	0	1.0322	1.0322	0.0000	0.9949	0.9949	0.0000
2023-11-24T14:26:54	5	0	3	2	1	1.0276	1.0280	0.0004	0.9959	0.996	-0.0001
2023-11-24T14:28:57	5	0	9	9	0	1.0495	1.0493	-0.0002	-0.9873	-0.9874	0.0001
2023-11-24T14:29:49	1	0	1	1	0	1.0349	1.0345	-0.0004	0.9863	0.9862	0.0001
2023-11-24T14:31:01	2	0	2	2	0	1.0261	1.0259	-0.0002	0.896	0.895	0.0010
2023-11-24T14:31:57	5	0	2	2	0	1.0459	1.0454	-0.0005	-0.9718	-0.972	0.0002
2023-11-24T14:32:26	2	0	23	22	1	1.0497	1.0493	-0.0004	-0.9992	-0.9992	0.0000
2023-11-24T14:33:48	3	0	23	22	1	1.0491	1.0490	0.0000	0.9884	0.9875	0.0009
2023-11-24T14:33:48	1	0	29	27	2	1.0526	1.0519	-0.0007	-0.9857	-0.9858	0.0001
2023-11-24T14:34:00	8	0	13	10	3	0.9545	0.9497	-0.0048	1	1	0.0000
2023-11-24T14:34:16	5	0	20	18	2	1.0489	1.0482	-0.0007	0.9987	0.9987	0.0000
2023-11-24T14:35:36	2	0	33	33	0	1.0530	1.0533	0.0003	0.977	0.9765	0.0005
2023-11-24T14:35:41	5	0	10	10	0	1.0462	1.0459	-0.0003	-0.9997	-0.9997	0.0000
2023-11-24T14:36:09	2	0	2	2	0	1.0701	1.0699	-0.0003	-0.9971	-0.9972	0.0001
2023-11-24T14:38:22	2	0	5	5	0	1.0332	1.0329	-0.0002	0.9996	0.9996	0.0000
2023-11-24T14:40:31	1	0	16	16	0	1.0520	1.0520	0.0000	0.9999	0.9998	0.0001
2023-11-24T14:41:07	1	0	4	4	0	1.0298	1.0298	0.0000	0.9959	0.996	-0.0001
2023-11-24T14:42:21	2	0	13	12	1	1.0451	1.0449	-0.0002	-0.941	-0.9416	0.0006
2023-11-24T14:42:58	1	0	80	80	0	1.1401	1.1401	0.0000	-0.9992	-0.9992	0.0000
2023-11-24T14:43:31	1	0	41	41	0	1.0530	1.0530	0.0000	-0.9998	-0.9998	0.0000
2023-11-24T14:48:29	1	0	2	2	0	1.0356	1.0354	-0.0002	0.9994	0.9995	-0.0001
2023-11-24T14:48:39	1	0	3	3	0	1.0168	1.0167	-0.0001	0.9937	0.9938	-0.0001
2023-11-24T14:48:49	1	0	26	26	0	1.0490	1.0490	0.0000	0.9888	0.9887	0.0001
2023-11-24T14:51:10	1	0	9	9	0	1.0496	1.0495	-0.0001	-0.997	-0.9971	0.0001
2023-11-24T14:56:02	1	0	1	1	0	1.0165	1.0156	-0.0009	0.9641	0.9638	0.0003
2023-11-24T14:56:56	2	0	3	3	0	1.0310	1.0304	-0.0006	0.9981	0.9985	-0.0004
2023-11-24T14:58:32	1	0	29	28	1	1.0524	1.0523	-0.0001	-1	-1	0.0000
2023-11-24T14:59:01	4	0	4	4	0	1.0464	1.0463	-0.0001	-0.987	-0.987	0.0000
2023-11-24T15:00:28	3	0	1	0	1	1.0138	null	null	0.9718	0.9716	0.0002
2023-11-24T15:07:11	2	0	2	2	0	1.0293	1.0292	-0.0001	0.991	0.9909	0.0001
2023-11-24T15:09:35	1	0	1	1	0	0.9870	0.9874	0.0004	0.9839	0.984	-0.0001
2023-11-24T15:10:25	2	0	1	0	1	1.0309	null	null	0.989	0.9888	0.0002

2023-11-24T15:11:30	1	0	7	7	0	1.0486	1.0486	0.0000	0.9862	0.9862	0.0000
2023-11-24T15:13:02	1	0	76	77	-1	0.9226	0.9286	0.0060	-0.9993	-0.9992	-0.0001
2023-11-24T15:14:44	2	0	21	20	1	1.0503	1.0505	0.0002	0.9973	0.9973	0.0000
2023-11-24T15:20:19	1	0	51	50	1	1.0563	1.0563	0.0000	0.9939	0.9939	0.0000
2023-11-24T15:20:44	1	0	11	11	0	1.0449	1.0449	0.0000	-1	-1	0.0000
2023-11-24T15:28:03	1	0	81	81	0	1.1468	1.1435	-0.0033	-0.9967	-0.9985	0.0018
2023-11-24T15:29:02	2	0	3	3	0	1.0354	1.0354	0.0000	-0.9907	-0.9907	0.0000
2023-11-24T15:34:04	6	0	9	9	0	0.9970	0.9968	-0.0003	-0.9901	-0.9904	0.0003
2023-11-24T15:38:26	1	0	3	3	0	1.0306	1.0305	-0.0001	0.9993	0.9994	-0.0001
2023-11-24T15:38:28	1	0	147	146	1	1.0562	1.0562	0.0000	-0.9565	-0.9562	-0.0003
2023-11-24T15:50:46	3	0	16	16	0	1.0484	1.0483	-0.0001	-0.9999	-0.9999	0.0000
2023-11-24T16:05:25	2	0	274	273	1	0.8915	0.8919	0.0004	0.8842	0.8846	-0.0004
2023-11-24T16:05:45	1	0	3	3	0	0.9891	0.9894	0.0003	0.9995	0.9996	-0.0001
2023-11-24T16:12:06	2	0	1	1	0	1.0288	1.0276	-0.0012	0.9968	0.9968	0.0000
2023-11-24T16:40:34	1	0	25	23	2	0.9429	0.9431	0.0002	-0.9969	-0.9968	-0.0001
2023-11-24T16:53:09	1	0	1	1	0	0.9427	0.9431	0.0004	0.9802	0.9804	-0.0002
2023-11-24T16:59:27	2	0	6	5	1	0.9571	0.9600	0.0029	-0.9931	-0.9928	-0.0003
2023-11-24T17:16:57	2	0	46	45	1	0.9415	0.9414	0.0000	0.9693	0.9692	0.0001
2023-11-24T17:31:18	1	0	5	5	0	1.0451	1.0451	0.0000	-0.9635	-0.9633	-0.0002
2023-11-24T17:32:00	2	0	47	47	0	0.9413	0.9414	0.0001	0.9696	0.9697	-0.0001
2023-11-24T17:47:03	2	0	48	48	0	0.9410	0.9410	0.0000	0.9701	0.9702	-0.0001
2023-11-25T07:50:13	2	0	86	86	0	0.9434	0.9435	0.0001	-0.9908	-0.9903	-0.0005
2023-11-25T07:51:48	2	0	81	81	0	0.9241	0.9243	0.0002	0.9915	0.9914	0.0001
2023-11-25T07:56:01	1	0	28	28	0	0.9590	0.9591	0.0001	-1	-1	0.0000
2023-11-25T08:05:14	1	0	81	79	2	0.9440	0.9440	0.0000	-0.9905	-0.99	-0.0005
2023-11-25T08:18:11	1	0	100	100	0	0.9389	0.9391	0.0002	0.9946	0.9945	0.0001
2023-11-25T08:24:38	2	0	25	25	0	0.9526	0.9527	0.0001	0.9998	0.9998	0.0000
2023-11-25T08:25:32	1	0	40	39	1	0.9424	0.9425	0.0001	-0.9911	-0.9908	-0.0003
2023-11-25T08:34:55	1	0	298	298	0	0.8617	0.8618	0.0001	0.9071	0.9072	-0.0001
2023-11-25T08:44:06	2	0	15	13	2	1.0525	1.0519	-0.0006	-0.9646	-0.9638	-0.0008
2023-11-25T08:44:21	1	0	2	2	0	1.0456	1.0454	-0.0002	0.9999	0.9999	0.0000
2023-11-25T08:46:32	1	0	267	267	0	1.0597	1.0597	0.0000	0.9933	0.9933	0.0000
2023-11-25T08:58:36	1	0	1	1	0	1.0389	1.0386	-0.0003	-0.993	-0.993	0.0000
2023-11-25T09:00:07	3	0	2	2	0	1.0101	1.0096	-0.0005	0.9795	0.9794	0.0001
2023-11-25T09:01:33	1	0	231	231	0	1.0592	1.0592	0.0000	0.9933	0.9933	0.0000
2023-11-25T09:03:14	1	0	87	87	0	0.9522	0.9525	0.0003	0.9936	0.9935	0.0001
2023-11-25T09:06:53	2	0	32	29	3	0.9324	0.9328	0.0004	0.9946	0.9946	0.0000
2023-11-25T09:09:41	3	0	21	19	2	0.9439	0.9442	0.0003	0.9983	0.9984	-0.0001
2023-11-25T09:14:08	1	0	15	12	3	1.0557	1.0554	-0.0003	-0.967	-0.9662	-0.0008
2023-11-25T09:14:23	1	0	2	2	0	1.0469	1.0467	-0.0003	0.9999	0.9999	0.0000
2023-11-25T09:16:24	2	0	7	7	0	1.0342	1.0341	-0.0001	0.9981	0.9979	0.0002
2023-11-25T09:18:58	2	0	51	51	0	0.9393	0.9397	0.0004	0.9951	0.9951	0.0000
2023-11-25T09:20:19	1	0	15	13	2	0.9459	0.9462	0.0004	-0.9909	-0.9908	-0.0001
2023-11-25T09:20:19	1	0	19	19	0	1.0492	1.0491	-0.0001	0.9946	0.9946	0.0000
2023-11-25T09:24:19	2	0	1	1	0	1.0396	1.0390	-0.0006	0.9868	0.9865	0.0003
2023-11-25T09:24:43	1	0	4	4	0	0.9537	0.9540	0.0003	0.9984	0.9984	0.0000
2023-11-25T09:27:29	1	0	111	109	2	1.1090	1.1083	-0.0007	-0.9903	-0.9903	0.0000
2023-11-25T09:31:45	1	0	2	2	0	1.0393	1.0390	-0.0004	-0.998	-0.998	0.0000
2023-11-25T09:33:37	3	0	21	19	2	1.0511	1.0506	-0.0005	-0.9782	-0.9783	0.0001
2023-11-25T09:34:46	1	0	12	10	2	1.0504	1.0487	-0.0017	-0.9966	-0.9967	0.0001
2023-11-25T09:35:13	2	0	47	26	21	0.9423	0.9435	0.0012	0.9913	0.9915	-0.0002
2023-11-25T09:35:20	1	0	34	32	2	1.0523	1.0522	0.0000	0.9941	0.994	0.0001
2023-11-25T09:35:22	8	0	3	3	0	1.0108	1.0113	0.0005	-1	-1	0.0000
2023-11-25T09:36:49	3	0	2	2	0	1.0116	1.0115	-0.0001	0.9904	0.9904	0.0000
2023-11-25T09:39:44	2	0	13	13	0	0.9565	0.9564	-0.0001	0.9987	0.9987	0.0000
2023-11-25T09:45:10	2	0	1	0	1	1.0123	null	null	0.9811	0.981	0.0001
2023-11-25T09:45:39	3	0	2	2	0	0.9714	0.9717	0.0003	0.9958	0.9958	0.0000
2023-11-25T09:45:41	1	0	3	3	0	1.0335	1.0333	-0.0001	0.9589	0.9585	0.0004
2023-11-25T09:46:17	1	0	1	1	0	0.9951	0.9955	0.0004	-0.9676	-0.9669	-0.0007
2023-11-25T09:48:38	6	0	19	18	1	1.0508	1.0505	-0.0004	-0.9758	-0.976	0.0002
2023-11-25T09:54:18	1	0	22	22	0	1.0411	1.0411	0.0000	0.977	0.9767	0.0003
2023-11-25T09:55:40	1	0	3	3	0	1.0257	1.0255	-0.0002	0.9994	0.9994	0.0000
2023-11-25T10:01:47	1	0	2	2	0	1.0364	1.0362	-0.0002	-0.9993	-0.9993	0.0000
2023-11-25T10:02:02	1	0	4	4	0	1.0322	1.0320	-0.0002	-0.9988	-0.9988	0.0000
2023-11-25T10:02:08	4	0	3	3	0	1.0416	1.0404	-0.0012	1	1	0.0000
2023-11-25T10:03:39	1	0	26	26	0	1.0531	1.0529	-0.0002	-0.9741	-0.974	-0.0001
2023-11-25T10:05:02	5	0	248	245	3	0.9207	0.9210	0.0003	0.9156	0.9157	-0.0001
2023-11-25T10:06:27	1	0	1	1	0	1.0618	1.0607	-0.0011	-0.9913	-0.9914	0.0001
2023-11-25T10:06:51	1	0	2	2	0	1.0130	1.0128	-0.0002	0.991	0.9911	-0.0001
2023-11-25T10:09:46	2	0	3	3	0	1.0432	1.0424	-0.0008	0.9992	0.9992	0.0000
2023-11-25T10:09:51	1	0	1	1	0	1.0355	1.0355	0.0000	0.9987	0.9987	0.0000
2023-11-25T10:10:14	1	0	51	49	2	1.0562	1.0556	-0.0005	0.9993	0.9993	0.0000
2023-11-25T10:10:41	1	0	2	2	0	1.0193	1.0192	-0.0002	0.9985	0.9984	0.0001
2023-11-25T10:12:32	1	0	1	0	1	1.0620	null	null	-0.9847	-0.9847	0.0000
2023-11-25T10:14:01	1	0	1	1	0	1.0624	1.0620	-0.0004	-0.9535	-0.953	-0.0005
2023-11-25T10:14:17	1	0	4	4	0	1.0459	1.0457	-0.0002	-0.9933	-0.9933	0.0000
2023-11-25T10:15:43	6	0	20	13	7	1.0511	1.0483	-0.0028	0.9597	0.9603	-0.0006
2023-11-25T10:16:02	1	0	1	1	0	1.0212	1.0209	-0.0003	-0.9977	-0.9977	0.0000
2023-11-25T10:18:32	1	0	3	2	1	1.0490	1.0456	-0.0034	0.9949	0.9949	0.0000
2023-11-25T10:19:49	1	0	12	12	0	1.0498	1.0497	-0.0001	-0.9973	-0.9975	0.0002
2023-11-25T10:20:03	1	0	8	8	0	0.9790	0.9789	-0.0001	0.9487	0.9484	0.0003
2023-11-25T10:20:14	1	0	4	4	0	1.0467	1.0465	-0.0002	-0.9995	-0.9995	0.0000
2023-11-25T10:20:25	6	0	2	2	0	1.0345	1.0335	-0.0010	-0.9996	-0.9996	0.0000
2023-11-25T10:24:20	4	0	27	27	0	1.0392	1.0390	-0.0002	0.9781	0.9781	0.0000
2023-11-25T10:25:13	1	0	7	7	0	1.0464	1.0464	0.0000	0.9948	0.9948	0.0000

2023-11-25T10:25:30	1	0	20	20	0	1.0480	1.0479	-0.0001	0.9996	0.9996	0.0000
2023-11-25T10:30:13	1	0	3	3	0	1.0127	1.0127	0.0000	0.9795	0.9795	0.0000
2023-11-25T10:31:29	2	0	19	13	6	0.9755	0.9883	0.0128	0.9924	0.9924	0.0000
2023-11-25T10:33:44	1	0	22	20	2	1.0466	1.0457	-0.0009	-0.9878	-0.9878	0.0000
2023-11-25T10:33:47	1	0	2	2	0	0.9853	0.9852	-0.0002	0.9973	0.9973	0.0000
2023-11-25T10:35:01	1	0	5	5	0	1.0427	1.0426	-0.0001	0.9956	0.9955	0.0001
2023-11-25T10:35:04	1	0	9	9	0	0.9743	0.9743	0.0000	0.9483	0.9481	0.0002
2023-11-25T10:35:24	1	0	15	15	0	1.0456	1.0513	0.0057	0.9927	0.9927	0.0000
2023-11-25T10:36:53	1	0	2	2	0	1.0209	1.0207	-0.0001	0.9915	0.9915	0.0000
2023-11-25T10:40:07	2	0	1	1	0	1.0343	1.0334	-0.0009	0.9978	0.9977	0.0001
2023-11-25T10:40:31	1	0	10	10	0	1.0429	1.0429	0.0000	0.9958	0.9957	0.0001
2023-11-25T10:41:12	1	0	5	5	0	1.0274	1.0272	-0.0002	0.9767	0.9766	0.0001
2023-11-25T10:41:42	1	0	3	3	0	1.0384	1.0382	-0.0002	0.987	0.9869	0.0001
2023-11-25T10:45:15	2	0	1	0	1	1.0586	null	null	0.9998	0.9998	0.0000
2023-11-25T10:45:45	4	0	3	3	0	1.0276	1.0263	-0.0014	0.9126	0.911	0.0016
2023-11-25T10:46:30	1	0	9	9	0	1.0391	1.0391	0.0000	0.9981	0.9981	0.0000
2023-11-25T10:46:35	2	0	2	2	0	1.0323	1.0321	-0.0002	0.9985	0.9985	0.0000
2023-11-25T10:47:11	2	0	11	11	0	1.0465	1.0460	-0.0005	-1	-1	0.0000
2023-11-25T10:47:24	1	0	1	0	1	1.0556	null	null	0.9978	0.9978	0.0000
2023-11-25T10:48:42	2	0	14	14	0	1.0508	1.0497	-0.0011	-0.9806	-0.9808	0.0002
2023-11-25T10:48:59	1	0	3	3	0	1.0427	1.0425	-0.0003	-0.9967	-0.9967	0.0000
2023-11-25T10:50:02	1	0	7	7	0	1.0490	1.0489	0.0000	0.9961	0.996	0.0001
2023-11-25T10:56:42	1	0	1	1	0	1.0564	1.0554	-0.0010	-0.9892	-0.9893	0.0001
2023-11-25T10:56:43	2	0	3	3	0	0.9949	0.9948	-0.0001	0.9786	0.9785	0.0001
2023-11-25T10:58:38	1	0	3	3	0	1.0309	1.0306	-0.0002	0.9763	0.9762	0.0001
2023-11-25T10:59:30	4	0	8	8	0	1.0486	1.0484	-0.0002	1	1	0.0000
2023-11-25T11:01:24	2	0	6	6	0	1.0435	1.0430	-0.0005	0.9982	0.9981	0.0001
2023-11-25T11:03:35	3	0	2	2	0	0.9818	0.9836	0.0018	0.9787	0.9793	-0.0006
2023-11-25T11:03:43	4	0	54	44	10	1.0578	1.0574	-0.0004	-0.9765	-0.9768	0.0003
2023-11-25T11:05:08	2	0	7	6	1	1.0517	1.0500	-0.0016	-0.8923	-0.8936	0.0013
2023-11-25T11:05:53	2	0	3	3	0	1.0488	1.0485	-0.0003	-0.9963	-0.9966	0.0003
2023-11-25T11:07:44	1	0	1	0	1	1.0551	null	null	-0.9976	-0.9975	-0.0001
2023-11-25T11:10:43	4	0	1	1	0	1.0289	1.0211	-0.0078	-0.9883	-0.9893	0.0010
2023-11-25T11:11:41	1	0	3	3	0	0.9764	0.9762	-0.0002	0.9942	0.9938	0.0004
2023-11-25T11:11:51	1	0	6	5	1	1.0500	1.0477	-0.0022	0.9756	0.9754	0.0002
2023-11-25T11:14:31	5	0	9	9	0	1.0501	1.0498	-0.0003	-1	-1	0.0000
2023-11-25T11:15:16	2	0	4	4	0	1.0222	1.0218	-0.0004	0.9764	0.9759	0.0005
2023-11-25T11:18:36	2	0	120	113	7	0.9307	0.9315	0.0008	0.9693	0.969	0.0003
2023-11-25T11:18:57	1	0	1	1	0	1.0117	1.0113	-0.0004	-0.998	-0.9981	0.0001
2023-11-25T11:18:59	1	0	2	2	0	1.0360	1.0358	-0.0002	-0.9946	-0.9946	0.0000
2023-11-25T11:21:14	3	0	7	7	0	1.0319	1.0318	-0.0001	0.9999	0.9999	0.0000
2023-11-25T11:22:45	1	0	1	1	0	1.0572	1.0569	-0.0003	0.9986	0.9986	0.0000
2023-11-25T11:29:22	1	0	7	7	0	1.0472	1.0472	0.0000	-0.9918	-0.9917	-0.0001
2023-11-25T11:29:51	1	0	2	2	0	1.0175	1.0170	-0.0005	0.9809	0.9809	0.0000
2023-11-25T11:30:18	1	0	2	0	2	1.0428	null	null	0.9998	0.9998	0.0000
2023-11-25T11:31:33	3	0	5	5	0	1.0411	1.0411	0.0000	0.9936	0.9936	0.0000
2023-11-25T11:31:43	1	0	217	217	0	1.0582	1.0582	0.0000	0.9942	0.9942	0.0000
2023-11-25T11:32:14	6	0	18	17	1	1.0497	1.0499	0.0002	-0.9998	-0.9998	0.0000
2023-11-25T11:34:02	1	0	2	2	0	1.0015	1.0015	0.0000	-0.9948	-0.9948	0.0000
2023-11-25T11:34:04	4	0	5	5	0	1.0431	1.0430	-0.0001	-0.9961	-0.9962	0.0001
2023-11-25T11:35:30	14	0	8	5	3	1.0456	1.0396	-0.0060	-0.9983	-0.9985	0.0002
2023-11-25T11:39:00	4	0	3	2	1	1.0356	1.0353	-0.0004	-0.9995	-0.9995	0.0000
2023-11-25T11:39:22	1	0	1	1	0	0.9815	0.9819	0.0004	0.9807	0.9808	-0.0001
2023-11-25T11:39:59	1	0	72	72	0	0.9449	0.9449	0.0000	-0.9958	-0.9956	-0.0002
2023-11-25T11:41:34	1	0	11	11	0	1.0494	1.0492	-0.0001	0.9996	0.9995	0.0001
2023-11-25T11:41:43	2	0	3	3	0	1.0370	1.0365	-0.0006	0.9952	0.9951	0.0001
2023-11-25T11:43:41	1	0	2	2	0	1.0468	1.0468	-0.0001	0.9767	0.9767	0.0000
2023-11-25T11:45:15	1	0	19	18	1	1.0472	1.0467	-0.0005	0.9995	0.9995	0.0000
2023-11-25T11:45:37	1	0	9	9	0	1.0462	1.0460	-0.0001	-0.9945	-0.9946	0.0001
2023-11-25T11:46:34	3	0	5	5	0	1.0282	1.0281	0.0000	0.9903	0.9902	0.0001
2023-11-25T11:46:44	1	0	254	255	-1	1.0587	1.0587	0.0000	0.994	0.994	0.0000
2023-11-25T11:47:01	1	0	18	17	1	1.0476	1.0472	-0.0005	-0.9532	-0.9531	-0.0001
2023-11-25T11:47:15	7	0	9	10	-1	1.0476	1.0476	0.0000	0.9999	0.9999	0.0000
2023-11-25T11:48:49	1	0	26	25	1	1.0467	1.0467	0.0000	-0.9877	-0.9876	-0.0001
2023-11-25T11:49:02	1	0	2	2	0	1.0457	1.0457	0.0000	-0.9935	-0.9935	0.0000
2023-11-25T11:49:05	6	0	15	10	5	1.0476	1.0485	0.0009	-0.9942	-0.9942	0.0000
2023-11-25T11:50:09	6	0	7	8	-1	0.9881	0.9965	0.0085	0.9511	0.9511	0.0000
2023-11-25T11:50:13	2	0	2	2	0	1.0306	1.0303	-0.0004	0.9985	0.9985	0.0000
2023-11-25T11:51:16	3	0	7	8	-1	1.0351	1.0330	-0.0021	1	1	0.0000
2023-11-25T11:55:00	1	0	45	45	0	0.9433	0.9433	0.0000	-0.997	-0.9968	-0.0002
2023-11-25T11:56:44	1	0	1	1	0	1.0408	1.0408	0.0000	0.9948	0.9948	0.0000
2023-11-25T12:01:35	3	0	1	1	0	1.0298	1.0297	-0.0001	0.9892	0.9892	0.0000
2023-11-25T12:01:45	1	0	262	262	0	1.0591	1.0591	0.0000	0.9943	0.9943	0.0000
2023-11-25T12:04:03	1	0	3	3	0	1.0463	1.0463	0.0000	-0.9922	-0.9922	0.0000
2023-11-25T12:05:30	3	0	37	35	2	1.0546	1.0540	-0.0007	0.9933	0.9932	0.0001
2023-11-25T12:06:17	2	0	7	7	0	1.0348	1.0348	0.0000	0.9999	0.9999	0.0000
2023-11-25T12:08:15	1	0	93	91	2	1.0522	1.0522	0.0000	-0.9696	-0.9693	-0.0003
2023-11-25T12:11:45	1	0	1	0	1	1.0553	null	null	0.9945	0.9944	0.0001
2023-11-25T12:14:52	1	0	4	3	1	1.0483	1.0456	-0.0027	0.9964	0.9964	0.0000
2023-11-25T12:20:15	1	0	1	0	1	1.0356	null	null	0.9994	0.9997	-0.0003
2023-11-25T12:20:33	8	0	5	6	-1	1.0436	1.0408	-0.0028	-0.9976	-0.9975	-0.0001
2023-11-25T12:22:20	1	0	17	17	0	1.0474	1.0474	0.0000	-0.9591	-0.959	-0.0001
2023-11-25T12:24:07	1	0	60	58	2	1.0580	1.0581	0.0001	0.9977	0.9978	-0.0001
2023-11-25T12:28:50	1	0	3	4	-1	1.0410	1.0462	0.0053	-0.9966	-0.9966	0.0000
2023-11-25T12:32:18	6	0	7	10	-3	1.0496	1.0495	-0.0001	1	-1	0.0000

2023-11-25T12:35:16	1	0	2	2	0	1.0278	1.0276	-0.0002	0.9997	0.9994	0.0003
2023-11-25T12:41:20	1	0	6	6	0	1.0369	1.0368	-0.0001	0.9751	0.9737	0.0014
2023-11-25T12:42:42	1	0	81	81	0	1.1445	1.1445	0.0000	-0.9701	-0.978	0.0079
2023-11-25T12:58:04	1	0	6	6	0	1.0511	1.0510	-0.0001	0.9946	0.9946	0.0000
2023-11-25T12:58:24	2	0	207	183	24	1.0554	1.0559	0.0004	-0.983	-0.9869	0.0039
2023-11-25T13:00:42	1	0	12	11	1	1.0442	1.0440	-0.0002	-0.9995	-0.9995	0.0000
2023-11-25T13:01:49	1	0	165	164	1	1.0575	1.0575	0.0000	0.9952	0.9952	0.0000
2023-11-25T13:03:02	2	0	1	0	1	1.0558	null	null	0.9625	0.9625	0.0000
2023-11-25T13:04:39	2	0	1	2	-1	1.0581	1.0378	-0.0203	0.9924	0.9926	-0.0002
2023-11-25T13:09:06	1	0	1	1	0	1.0328	1.0328	0.0000	0.9998	0.9998	0.0000
2023-11-25T13:09:10	1	0	61	60	1	1.0575	1.0575	0.0000	0.9967	0.9967	0.0000
2023-11-25T13:16:50	1	0	232	232	0	1.0584	1.0584	0.0000	0.9946	0.9947	-0.0001
2023-11-25T13:19:40	2	0	1	1	0	1.0223	1.0213	-0.0010	0.993	0.993	0.0000
2023-11-25T13:23:20	1	0	123	122	1	1.0555	1.0555	0.0000	-0.9589	-0.9586	-0.0003
2023-11-25T13:35:36	1	0	43	42	1	0.9454	0.9456	0.0002	0.9998	0.9998	0.0000
2023-11-25T13:35:38	8	0	17	16	1	1.0494	1.0483	-0.0011	-0.9981	-0.9982	0.0001
2023-11-25T13:38:21	2	0	128	127	1	1.0557	1.0557	0.0000	-0.9583	-0.9581	-0.0002
2023-11-25T13:47:23	1	0	15	14	1	1.0502	1.0497	-0.0004	1	1	0.0000
2023-11-25T13:48:34	1	0	2	2	0	1.0501	1.0500	-0.0002	0.9652	0.9652	0.0000
2023-11-25T13:49:13	6	0	32	24	8	1.0493	1.0482	-0.0010	-0.9974	-0.9978	0.0004
2023-11-25T13:49:42	2	0	3	3	0	1.0304	1.0300	-0.0003	0.9935	0.9934	0.0001
2023-11-25T14:03:11	1	0	18	17	1	1.0466	1.0465	0.0000	0.9769	0.9767	0.0002
2023-11-25T14:03:16	2	0	1	0	1	1.0558	null	null	0.9707	0.9707	0.0000
2023-11-25T14:03:34	1	0	4	4	0	1.0089	1.0086	-0.0003	0.9962	0.996	0.0002
2023-11-25T14:04:14	2	0	24	24	0	1.0486	1.0485	0.0000	-0.9979	-0.9979	0.0000
2023-11-25T14:05:40	5	0	3	3	0	1.0503	1.0500	-0.0003	-0.9987	-0.9987	0.0000
2023-11-25T14:07:14	4	0	4	4	0	0.9710	0.9707	-0.0002	0.9963	0.9961	0.0002
2023-11-25T14:09:57	3	0	1	1	0	1.0577	1.0570	-0.0007	-0.9928	-0.993	0.0002
2023-11-25T14:10:57	1	0	2	2	0	1.0261	1.0255	-0.0006	0.9703	0.9703	0.0000
2023-11-25T14:14:43	4	0	8	9	-1	1.0508	1.0514	0.0006	0.9972	0.9973	-0.0001
2023-11-25T14:15:57	3	0	1	1	0	1.0393	1.0393	0.0000	0.9975	0.9975	0.0000
2023-11-25T14:16:49	2	0	1	1	0	1.0202	1.0202	0.0000	0.9984	-0.9978	-0.0038
2023-11-25T14:16:54	1	0	295	295	0	1.0597	1.0597	0.0000	0.9953	0.9953	0.0000
2023-11-25T14:19:10	1	0	1	1	0	1.0455	1.0455	0.0000	-0.9877	-0.9877	0.0000
2023-11-25T14:19:15	5	0	13	11	2	1.0500	1.0498	-0.0002	-0.9979	-0.9979	0.0000
2023-11-25T14:20:02	4	0	4	4	0	1.0468	1.0460	-0.0008	0.9878	0.9873	0.0005
2023-11-25T14:20:18	1	0	21	11	10	1.0534	1.0505	-0.0030	0.9974	0.9943	0.0031
2023-11-25T14:20:41	8	0	5	4	1	1.0473	1.0471	-0.0002	-0.9982	-0.9983	0.0001
2023-11-25T14:24:02	1	0	115	115	0	1.0554	1.0553	-0.0001	-0.9039	-0.9039	0.0000
2023-11-25T14:24:36	2	0	14	14	0	1.0286	1.0286	0.0000	0.9676	0.9677	-0.0001
2023-11-25T14:24:58	2	0	1	1	0	1.0571	1.0569	-0.0002	-0.9923	-0.9923	0.0000
2023-11-25T14:25:31	2	0	123	121	2	1.0577	1.0577	0.0000	-0.9999	-0.9999	0.0000
2023-11-25T14:25:46	3	0	10	10	0	1.0372	1.0372	0.0000	0.996	0.9959	0.0001
2023-11-25T14:25:58	1	0	1	1	0	1.0197	1.0193	-0.0004	0.9741	0.9741	0.0000
2023-11-25T14:26:27	1	0	7	7	0	1.0463	1.0462	-0.0002	0.9872	0.9872	0.0000
2023-11-25T14:29:44	4	0	8	8	0	1.0504	1.0503	-0.0001	0.9974	0.9974	0.0000
2023-11-25T14:30:58	2	0	1	1	0	0.9747	0.9749	0.0002	0.997	0.997	0.0000
2023-11-25T14:31:00	5	0	67	67	0	1.0768	1.0743	-0.0025	0.9524	0.9515	0.0009
2023-11-25T14:31:36	1	0	2	2	0	1.0410	1.0408	-0.0003	-0.9525	-0.952	-0.0005
2023-11-25T14:31:57	8	0	2	0	2	1.0459	null	null	-0.9819	-0.9825	0.0006
2023-11-25T14:32:26	5	0	13	13	0	1.0497	1.0493	-0.0004	1	1	0.0000
2023-11-25T14:33:13	1	0	12	12	0	1.0444	1.0444	-0.0001	0.9782	0.9781	0.0001
2023-11-25T14:33:49	1	0	21	21	0	0.9465	0.9466	0.0001	0.9735	0.9734	0.0001
2023-11-25T14:34:16	5	0	27	27	0	1.0488	1.0487	-0.0001	-0.9974	-0.9974	0.0000
2023-11-25T14:35:03	3	0	4	4	0	1.0477	1.0475	-0.0002	0.9888	0.9887	0.0001
2023-11-25T14:35:04	2	0	1	1	0	1.0352	1.0349	-0.0003	0.9925	0.9925	0.0000
2023-11-25T14:35:20	6	0	286	285	1	0.8692	0.8694	0.0002	0.8916	0.8914	0.0002
2023-11-25T14:39:03	1	0	84	84	0	1.0541	1.0541	0.0000	-0.9085	-0.9083	-0.0002
2023-11-25T14:39:37	1	0	15	15	0	1.0379	1.0378	0.0000	0.9693	0.9693	0.0000
2023-11-25T14:40:31	1	0	47	47	0	1.0513	1.0513	0.0000	0.9962	0.9961	0.0001
2023-11-25T14:40:32	1	0	52	50	2	1.0558	1.0558	0.0000	-1	-1	0.0000
2023-11-25T14:40:47	1	0	7	7	0	1.0400	1.0400	0.0000	0.9957	0.9957	0.0000
2023-11-25T14:41:02	1	0	809	798	11	0.8722	0.8729	0.0007	0.9032	0.9031	0.0001
2023-11-25T14:41:28	1	0	6	6	0	1.0428	1.0427	0.0000	0.9867	0.9867	0.0000
2023-11-25T14:44:45	4	0	8	8	0	1.0496	1.0495	-0.0001	0.9973	0.9973	0.0000
2023-11-25T14:46:01	2	0	3	3	0	1.0313	1.0305	-0.0008	0.9126	0.9135	-0.0009
2023-11-25T14:46:08	1	0	27	27	0	1.0511	1.0511	0.0000	-0.9363	-0.9362	-0.0001
2023-11-25T14:48:58	1	0	1	0	1	0.9446	null	null	-0.9931	-0.993	-0.0001
2023-11-25T14:49:02	1	0	39	38	1	1.0502	1.0502	-0.0001	-0.9793	-0.9793	0.0000
2023-11-25T14:49:17	2	0	24	23	1	1.0474	1.0481	0.0007	-0.9973	-0.9973	0.0000
2023-11-25T14:50:41	2	0	23	23	0	1.0515	1.0515	-0.0001	0.9951	0.9949	0.0002
2023-11-25T14:51:01	1	0	1	1	0	1.0393	1.0384	-0.0009	-0.9965	-0.9965	0.0000
2023-11-25T14:51:11	1	0	1	1	0	1.0463	1.0460	-0.0003	-0.9962	-0.9956	-0.0006
2023-11-25T14:55:56	2	0	1	0	1	1.0060	null	null	-0.9974	-0.9974	0.0000
2023-11-25T14:56:03	1	0	1	1	0	1.0044	1.0035	-0.0009	0.965	0.9647	0.0003
2023-11-25T15:01:59	3	0	1	0	1	1.0459	null	null	-0.9844	-0.9846	0.0002
2023-11-25T15:04:47	2	0	1	1	0	1.0192	1.0185	-0.0007	0.9932	0.9933	-0.0001
2023-11-25T15:05:44	8	0	4	4	0	1.0437	1.0434	-0.0003	-0.9987	-0.9988	0.0001
2023-11-25T15:09:14	1	0	1	1	0	1.0337	1.0333	-0.0004	1	1	0.0000
2023-11-25T15:11:57	1	0	2	2	0	1.0437	1.0433	-0.0005	0.9965	0.9964	0.0001
2023-11-25T15:13:33	2	0	496	496	0	1.0578	1.0578	0.0000	-0.9649	-0.9647	-0.0002
2023-11-25T15:31:02	1	0	1	1	0	0.9760	0.9760	0.0000	0.9976	0.9976	0.0000
2023-11-25T15:42:40	2	0	1	1	0	0.9824	0.9829	0.0005	-0.9755	-0.9751	-0.0004
2023-11-25T16:01:06	1	0	2	2	0	1.0211	1.0211	-0.0001	0.9196	0.9186	0.0010
2023-11-25T16:02:26	1	0	3	3	0	1.0273	1.0272	-0.0001	0.9993	0.9993	0.0000

2023-11-25T16:07:16	1	0	3	3	0	1.0064	1.0065	0.0001	0.9887	0.9888	-0.0001
2023-11-25T16:07:22	1	0	15	15	0	0.9344	0.9345	0.0001	0.9938	0.9938	0.0000
2023-11-25T16:14:25	3	0	20	13	7	0.9443	0.9440	-0.0003	-0.9941	-0.9935	-0.0006
2023-11-25T16:19:05	1	0	1	1	0	0.9413	0.9416	0.0003	-0.9951	-0.9951	0.0000
2023-11-25T16:26:04	1	0	1	1	0	1.0048	1.0044	-0.0004	-0.9989	-0.9989	0.0000
2023-11-25T16:31:53	1	0	2	2	0	1.0459	1.0454	-0.0005	0.9969	0.9968	0.0001
2023-11-25T16:45:13	1	0	1	1	0	0.9422	0.9427	0.0005	0.9687	0.9687	0.0000
2023-11-26T07:50:38	1	0	63	63	0	0.9280	0.9282	0.0002	0.9942	0.9944	-0.0002
2023-11-26T07:59:00	1	0	42	42	0	0.9399	0.9400	0.0001	0.9842	0.9844	-0.0002
2023-11-26T08:04:03	2	0	155	152	3	0.9370	0.9371	0.0001	-0.9999	-0.9999	0.0000
2023-11-26T08:05:39	1	0	89	89	0	0.9227	0.9227	0.0001	0.9929	0.9929	0.0000
2023-11-26T08:17:02	1	0	99	99	0	0.9377	0.9378	0.0001	0.9928	0.9928	0.0000
2023-11-26T08:18:45	1	0	284	284	0	0.8698	0.8699	0.0000	0.913	0.913	0.0000
2023-11-26T08:19:02	1	0	58	56	2	1.0546	1.0545	0.0000	0.997	0.997	0.0000
2023-11-26T08:24:52	1	0	28	28	0	0.9586	0.9588	0.0001	0.9997	0.9997	0.0000
2023-11-26T08:27:55	2	0	15	13	2	1.0554	1.0552	-0.0002	-0.9618	-0.9613	-0.0005
2023-11-26T08:28:06	1	0	4	4	0	1.0460	1.0459	-0.0001	-0.9972	-0.9971	-0.0001
2023-11-26T08:38:58	1	0	82	80	2	1.0562	1.0561	0.0000	0.9992	0.9993	-0.0001
2023-11-26T08:42:26	2	0	2	2	0	1.0412	1.0409	-0.0003	-0.97	-0.9699	-0.0001
2023-11-26T08:47:47	2	0	69	69	0	0.9369	0.9371	0.0002	0.9721	0.9722	-0.0001
2023-11-26T08:49:00	1	0	1	1	0	0.9437	0.9441	0.0004	0.9948	0.9947	0.0001
2023-11-26T08:49:06	1	0	164	164	0	0.9363	0.9363	0.0000	0.9998	0.9998	0.0000
2023-11-26T08:53:25	1	0	4	4	0	0.9512	0.9517	0.0005	0.9997	0.9973	0.0024
2023-11-26T08:57:27	1	0	1	1	0	1.0416	1.0412	-0.0004	-0.9726	-0.9725	-0.0001
2023-11-26T09:02:48	2	0	67	66	1	0.9370	0.9371	0.0000	0.9715	0.9713	0.0002
2023-11-26T09:04:01	1	0	5	5	0	0.9449	0.9453	0.0005	0.9948	0.9948	0.0000
2023-11-26T09:04:05	1	0	154	153	1	1.0639	1.0637	-0.0002	0.9943	0.9943	0.0000
2023-11-26T09:04:07	1	0	149	145	4	0.9370	0.9371	0.0001	1	1	0.0000
2023-11-26T09:05:43	1	0	64	62	2	0.9270	0.9272	0.0003	0.9957	0.9956	0.0001
2023-11-26T09:09:26	1	0	25	23	2	0.9429	0.9429	0.0001	-0.9912	-0.9909	-0.0003
2023-11-26T09:12:47	2	0	20	19	1	0.9410	0.9407	-0.0004	-0.9647	-0.9636	-0.0011
2023-11-26T09:12:58	2	0	39	37	2	1.0566	1.0563	-0.0003	-0.9628	-0.9625	-0.0003
2023-11-26T09:13:10	1	0	7	7	0	1.0476	1.0476	-0.0001	-0.9969	-0.9969	0.0000
2023-11-26T09:19:06	1	0	53	50	3	1.0523	1.0521	-0.0002	0.9934	0.9934	0.0000
2023-11-26T09:19:12	1	0	3	3	0	0.9918	0.9919	0.0001	-1	-1	0.0000
2023-11-26T09:26:21	1	0	80	80	0	1.1500	1.1491	-0.0009	-0.9786	-0.9806	0.0020
2023-11-26T09:27:29	1	0	5	5	0	1.0369	1.0367	-0.0002	-0.9655	-0.9654	-0.0001
2023-11-26T09:32:23	2	0	2	2	0	0.9534	0.9539	0.0005	0.996	0.996	0.0000
2023-11-26T09:35:39	3	0	4	5	-1	0.9861	0.9885	0.0024	0.9955	0.9957	-0.0002
2023-11-26T09:38:05	1	0	33	33	0	1.0101	1.0101	0.0000	0.9768	0.9766	0.0002
2023-11-26T09:38:28	2	0	10	10	0	0.9527	0.9527	0.0000	0.9966	0.9966	0.0000
2023-11-26T09:39:26	2	0	1	1	0	1.0037	1.0027	-0.0010	-0.9999	-0.9999	0.0000
2023-11-26T09:47:08	1	0	81	82	-1	0.9511	0.9514	0.0002	0.9933	0.9932	0.0001
2023-11-26T09:47:29	3	0	2	2	0	1.0297	1.0286	-0.0010	-0.9841	-0.9843	0.0002
2023-11-26T09:48:51	4	0	7	7	0	1.0324	1.0319	-0.0005	0.9666	0.9662	0.0004
2023-11-26T09:49:04	1	0	4	4	0	0.9457	0.9462	0.0005	0.9951	0.9952	-0.0001
2023-11-26T09:50:16	1	0	1	1	0	1.0601	1.0591	-0.0010	-0.9812	-0.9813	0.0001
2023-11-26T09:54:19	1	0	5	5	0	1.0301	1.0300	-0.0001	0.9881	0.9881	0.0000
2023-11-26T09:58:13	4	0	15	13	2	1.0507	1.0496	-0.0011	-0.9965	-0.9966	0.0001
2023-11-26T09:59:00	2	0	1	1	0	1.0118	1.0108	-0.0010	0.9832	0.983	0.0002
2023-11-26T09:59:33	1	0	2	2	0	1.0272	1.0270	-0.0002	0.958	0.9575	0.0005
2023-11-26T09:59:50	5	0	6	6	0	1.0259	1.0256	-0.0002	-0.9999	-0.9999	0.0000
2023-11-26T10:00:30	4	0	1	0	1	1.0455	null	null	-0.9879	-0.9881	0.0002
2023-11-26T10:00:38	1	0	1	1	0	1.0377	1.0372	-0.0005	-0.9993	-0.9994	0.0001
2023-11-26T10:01:50	4	0	1	1	0	1.0361	1.0349	-0.0012	0.9798	0.9795	0.0003
2023-11-26T10:02:30	1	0	2	2	0	1.0293	1.0290	-0.0004	-0.9869	-0.9869	0.0000
2023-11-26T10:03:47	2	0	2	2	0	1.0306	1.0303	-0.0004	0.9986	0.9986	0.0000
2023-11-26T10:08:05	1	0	1	1	0	0.9874	0.9877	0.0003	0.9841	0.9842	-0.0001
2023-11-26T10:08:07	2	0	29	28	1	1.0122	1.0109	-0.0013	0.9772	0.9772	0.0000
2023-11-26T10:08:30	2	0	2	2	0	1.0382	1.0376	-0.0005	0.9981	0.9981	0.0000
2023-11-26T10:09:32	1	0	1	1	0	1.0152	1.0148	-0.0004	0.9998	0.9997	0.0001
2023-11-26T10:12:51	1	0	2	2	0	1.0018	1.0016	-0.0002	-0.959	-0.9584	-0.0006
2023-11-26T10:13:06	1	0	10	10	0	1.0472	1.0472	0.0000	-0.9904	-0.9904	0.0000
2023-11-26T10:14:09	1	0	18	17	1	0.9470	0.9425	-0.0046	0.9809	0.9808	0.0001
2023-11-26T10:14:34	6	0	3	3	0	1.0434	1.0433	-0.0001	0.9551	0.9531	0.0020
2023-11-26T10:14:51	1	0	6	6	0	1.0264	1.0262	-0.0001	-0.9998	-0.9998	0.0000
2023-11-26T10:15:59	3	0	4	4	0	1.0423	1.0412	-0.0010	-0.9998	-0.9998	0.0000
2023-11-26T10:18:40	1	0	1	0	1	1.0551	null	null	-0.9972	-0.9971	-0.0001
2023-11-26T10:18:55	2	0	8	7	1	1.0533	1.0522	-0.0011	-0.8962	-0.8968	0.0006
2023-11-26T10:19:04	3	0	5	5	0	1.0399	1.0394	-0.0005	-0.9984	-0.9986	0.0002
2023-11-26T10:19:16	3	0	2	1	1	1.0454	1.0453	-0.0001	-0.9999	-0.9999	0.0000
2023-11-26T10:23:08	5	0	35	34	1	1.0048	1.0050	0.0002	0.9767	0.9768	-0.0001
2023-11-26T10:23:45	1	0	6	6	0	0.9643	0.9643	-0.0001	-0.9957	-0.9957	0.0000
2023-11-26T10:28:26	1	0	1	1	0	1.0305	1.0301	-0.0004	0.9999	0.9999	0.0000
2023-11-26T10:29:02	3	0	2	2	0	1.0096	1.0081	-0.0015	0.9827	0.9824	0.0003
2023-11-26T10:29:23	1	0	9	9	0	1.0446	1.0445	-0.0001	-0.9982	-0.9983	0.0001
2023-11-26T10:29:52	1	0	6	6	0	1.0270	1.0270	0.0000	-0.9997	-0.9997	0.0000
2023-11-26T10:30:10	1	0	2	2	0	1.0271	1.0267	-0.0004	-0.9556	-0.9551	-0.0005
2023-11-26T10:30:21	1	0	6	6	0	1.0356	1.0353	-0.0003	0.9977	0.9977	0.0000
2023-11-26T10:31:00	2	0	8	8	0	1.0452	1.0448	-0.0004	-0.9998	-0.9998	0.0000
2023-11-26T10:32:23	1	0	1	0	1	1.0562	null	null	0.9739	0.9736	0.0003
2023-11-26T10:32:32	2	0	2	2	0	1.0327	1.0324	-0.0003	-0.9783	-0.9785	0.0002
2023-11-26T10:32:49	4	0	7	7	0	1.0445	1.0442	-0.0004	-0.9969	-0.997	0.0001
2023-11-26T10:33:54	3	0	76	71	5	0.9365	0.9367	0.0002	0.9389	0.939	-0.0001
2023-11-26T10:34:17	1	0	1	1	0	1.0400	1.0395	-0.0005	-0.9998	-0.9998	0.0000

2023-11-26T10:34:21	1	0	34	33	1	1.0482	1.0482	0.0000	-0.9836	-0.9836	0.0000
2023-11-26T10:35:43	1	0	3	3	0	0.9958	0.9958	-0.0001	0.9987	0.9987	0.0000
2023-11-26T10:39:48	1	0	2	1	1	1.0448	1.0456	0.0008	0.9999	0.9998	0.0001
2023-11-26T10:39:56	1	0	5	5	0	1.0453	1.0451	-0.0002	0.9883	0.9882	0.0001
2023-11-26T10:40:40	1	0	12	11	1	1.0542	1.0541	-0.0001	0.9944	0.9944	0.0000
2023-11-26T10:43:39	1	0	1	1	0	1.0129	1.0126	-0.0003	0.9805	0.9805	0.0000
2023-11-26T10:45:26	2	0	1	1	0	1.0468	1.0463	-0.0005	-0.9959	-0.996	0.0001
2023-11-26T10:47:33	2	0	4	4	0	1.0282	1.0278	-0.0004	-0.9763	-0.9765	0.0002
2023-11-26T10:47:37	1	0	1	1	0	1.0182	1.0179	-0.0003	0.9978	0.9978	0.0000
2023-11-26T10:47:44	1	0	3	3	0	1.0382	1.0381	-0.0001	-0.9824	-0.9824	0.0000
2023-11-26T10:48:42	1	0	3	1	2	1.0528	1.0555	0.0027	-0.9978	-0.998	0.0002
2023-11-26T10:49:06	1	0	6	6	0	1.0376	1.0374	-0.0001	-0.9978	-0.9978	0.0000
2023-11-26T10:49:18	8	0	7	6	1	1.0393	1.0397	0.0004	-0.9997	-0.9998	0.0001
2023-11-26T10:49:43	2	0	3	3	0	1.0497	1.0495	-0.0003	-0.9882	-0.9885	0.0003
2023-11-26T10:51:25	1	0	30	30	0	1.0482	1.0481	0.0000	-0.9981	-0.9981	0.0000
2023-11-26T10:52:48	3	0	2	2	0	1.0359	1.0354	-0.0005	-1	-1	0.0000
2023-11-26T10:53:16	2	0	3	2	1	1.0499	1.0505	0.0006	0.9927	0.992	0.0007
2023-11-26T10:54:33	2	0	1	0	1	1.0309	null	null	-0.9848	-0.9847	-0.0001
2023-11-26T10:54:49	4	0	2	2	0	1.0229	1.0209	-0.0021	0.9997	0.9998	-0.0001
2023-11-26T10:55:36	1	0	8	7	1	1.0526	1.0517	-0.0009	0.9856	0.9844	0.0012
2023-11-26T10:58:17	3	0	14	13	1	1.0468	1.0458	-0.0009	-0.9998	-0.9998	0.0000
2023-11-26T10:59:25	3	0	23	22	1	1.0469	1.0464	-0.0005	-0.996	-0.9961	0.0001
2023-11-26T10:59:37	1	0	6	6	0	1.0542	1.0537	-0.0006	0.9549	0.9543	0.0006
2023-11-26T10:59:54	1	0	7	7	0	1.0271	1.0269	-0.0001	-0.9997	-0.9997	0.0000
2023-11-26T10:59:56	3	0	4	3	1	1.0556	1.0551	-0.0005	-0.9999	-1	0.0001
2023-11-26T11:00:55	1	0	1	1	0	0.9640	0.9644	0.0004	0.9983	0.9984	-0.0001
2023-11-26T11:01:02	3	0	17	17	0	1.0494	1.0491	-0.0002	-0.9996	-0.9997	0.0001
2023-11-26T11:02:25	1	0	1	1	0	1.0592	1.0588	-0.0004	0.9718	0.9717	0.0001
2023-11-26T11:02:34	1	0	2	2	0	1.0325	1.0321	-0.0004	-0.9771	-0.9772	0.0001
2023-11-26T11:02:34	1	0	1	1	0	1.0419	1.0415	-0.0004	0.9979	0.9974	0.0005
2023-11-26T11:03:54	2	0	8	8	0	1.0474	1.0473	-0.0001	0.9965	0.9963	0.0002
2023-11-26T11:03:56	1	0	26	26	0	0.9591	0.9590	0.0000	0.9434	0.9432	0.0002
2023-11-26T11:04:23	1	0	37	36	1	1.0483	1.0483	0.0000	-0.9849	-0.9849	0.0000
2023-11-26T11:09:34	3	0	1	1	0	1.0343	1.0295	-0.0048	-0.9879	-0.9886	0.0007
2023-11-26T11:10:37	1	0	4	4	0	1.0392	1.0390	-0.0002	0.9817	0.9816	0.0001
2023-11-26T11:13:18	1	0	15	15	0	1.0479	1.0478	0.0000	-0.9997	-0.9997	0.0000
2023-11-26T11:15:28	1	0	4	5	-1	1.0337	1.0316	-0.0021	-0.999	-0.9876	-0.0114
2023-11-26T11:15:35	6	0	2	2	0	1.0466	1.0453	-0.0012	-0.9832	-0.9837	0.0005
2023-11-26T11:16:13	3	0	4	4	0	1.0365	1.0353	-0.0012	0.9905	0.9904	0.0001
2023-11-26T11:17:30	1	0	3	3	0	0.9641	0.9644	0.0003	0.996	0.9961	-0.0001
2023-11-26T11:17:35	1	0	2	2	0	1.0292	1.0289	-0.0003	-0.9785	-0.9786	0.0001
2023-11-26T11:19:15	3	0	34	33	1	1.0539	1.0533	-0.0006	0.9927	0.9923	0.0004
2023-11-26T11:20:32	1	0	21	20	1	1.0524	1.0522	-0.0002	-0.984	-0.984	0.0000
2023-11-26T11:28:13	1	0	9	9	0	1.0476	1.0476	0.0000	-0.9919	-0.9919	0.0000
2023-11-26T11:28:30	1	0	1	1	0	1.0279	1.0272	-0.0007	0.9998	0.9998	0.0000
2023-11-26T11:28:40	1	0	1	0	1	1.0553	null	null	0.9998	0.9998	0.0000
2023-11-26T11:29:06	5	0	2	2	0	1.0097	1.0095	-0.0003	0.9744	0.9739	0.0005
2023-11-26T11:29:08	2	0	1	0	1	1.0595	null	null	0.9936	0.9936	0.0000
2023-11-26T11:29:27	1	0	11	11	0	1.0448	1.0448	0.0000	0.9999	1	-0.0001
2023-11-26T11:29:39	1	0	3	3	0	1.0364	1.0363	-0.0001	0.9524	0.9521	0.0003
2023-11-26T11:29:58	3	0	2	2	0	1.0565	1.0565	0.0000	-1	-1	0.0000
2023-11-26T11:30:25	1	0	1	1	0	1.0294	1.0294	0.0000	0.9939	0.9939	0.0000
2023-11-26T11:31:14	2	0	1	0	1	0.9401	null	null	0.993	0.9931	-0.0001
2023-11-26T11:31:46	2	0	1	0	1	1.0558	null	null	0.9712	0.9712	0.0000
2023-11-26T11:32:17	1	0	6	6	0	0.9844	0.9844	0.0000	0.9931	0.9932	-0.0001
2023-11-26T11:33:53	1	0	1	1	0	1.0207	1.0206	-0.0001	0.9985	0.9985	0.0000
2023-11-26T11:34:02	4	0	8	8	0	1.0518	1.0518	0.0000	-0.8605	-0.8612	0.0007
2023-11-26T11:38:37	2	0	1	1	0	1.0565	1.0557	-0.0008	-0.9946	-0.9948	0.0002
2023-11-26T11:44:07	5	0	2	3	-1	1.0332	1.0237	-0.0095	0.9784	0.9787	-0.0003
2023-11-26T11:44:09	2	0	2	1	1	1.0410	1.0251	-0.0159	0.9932	0.993	0.0002
2023-11-26T11:44:40	5	0	55	55	0	1.0612	1.0609	-0.0003	0.9547	0.9546	0.0001
2023-11-26T11:46:15	2	0	2	1	1	0.9865	1.0368	0.0503	0.99	0.99	0.0000
2023-11-26T11:47:18	1	0	31	31	0	0.9635	0.9635	0.0000	0.9932	0.9933	-0.0001
2023-11-26T11:48:54	1	0	1	1	0	1.0204	1.0204	0.0000	0.999	0.999	0.0000
2023-11-26T11:55:38	1	0	1	0	1	1.0552	null	null	-0.9924	-0.9924	0.0000
2023-11-26T11:58:15	1	0	8	8	0	1.0469	1.0469	0.0000	-0.9922	-0.9922	0.0000
2023-11-26T11:59:10	1	0	1	0	1	1.0558	null	null	0.9937	0.9938	-0.0001
2023-11-26T12:01:16	2	0	1	0	1	0.9447	null	null	0.9898	0.9899	-0.0001
2023-11-26T12:03:55	1	0	4	4	0	1.0386	1.0386	0.0000	0.9988	0.9988	0.0000
2023-11-26T12:04:04	3	0	7	8	-1	1.0545	1.0547	0.0002	-0.8575	-0.8558	-0.0017
2023-11-26T12:17:20	1	0	3	3	0	1.0102	1.0101	0.0000	0.993	0.9929	0.0001
2023-11-26T12:21:47	2	0	1	1	0	0.9677	0.9690	0.0013	0.9756	0.9757	-0.0001
2023-11-26T12:29:10	3	0	74	75	-1	0.9209	0.9272	0.0063	0.9734	0.9738	-0.0004
2023-11-26T12:45:54	1	0	11	10	1	1.0479	1.0472	-0.0008	-0.9502	-0.9501	-0.0001
2023-11-26T12:59:45	1	0	8	9	-1	1.0473	1.0484	0.0011	0.9525	0.9524	0.0001
2023-11-26T13:04:08	2	0	6	7	-1	1.0537	1.0542	0.0005	-0.8826	-0.8817	-0.0009
2023-11-26T13:15:05	2	0	2	3	-1	1.0605	1.0577	-0.0028	-0.9985	-0.9982	-0.0003
2023-11-26T13:15:41	1	0	90	89	1	1.0544	1.0544	0.0000	0.9968	0.9969	-0.0001
2023-11-26T13:16:21	2	0	1	0	1	0.9450	null	null	0.9904	0.9904	0.0000
2023-11-26T13:24:22	1	0	35	33	2	1.0554	1.0554	0.0000	0.9993	0.9993	0.0000
2023-11-26T13:30:42	1	0	115	115	0	1.0550	1.0550	0.0000	0.9968	0.9968	0.0000
2023-11-26T13:40:47	1	0	1	1	0	1.0151	1.0151	0.0000	0.9865	0.9855	0.0010
2023-11-26T14:04:13	1	0	5	5	0	1.0525	1.0522	-0.0002	-0.8801	-0.8801	0.0000
2023-11-26T14:05:57	2	0	2	3	-1	1.0310	1.0297	-0.0013	0.9907	0.9908	-0.0001
2023-11-26T14:08:46	3	0	35	35	0	0.9512	0.9513	0.0000	0.9986	0.9986	0.0000

2023-11-26T14:09:48	1	0	1	1	0	1.0223	1.0222	-0.0001	0.9974	0.9992	-0.0018
2023-11-26T14:14:50	1	0	10	10	0	1.0532	1.0531	-0.0001	0.9553	0.9552	0.0001
2023-11-26T14:15:40	3	0	41	41	0	1.0553	1.0552	0.0000	-0.9933	-0.9932	-0.0001
2023-11-26T14:16:25	1	0	2	3	-1	1.0373	1.0065	-0.0308	0.9904	0.9904	0.0000
2023-11-26T14:19:14	1	0	4	4	0	1.0527	1.0526	-0.0001	-0.8888	-0.8885	-0.0003
2023-11-26T14:20:58	2	0	2	2	0	1.0203	1.0203	-0.0001	0.9904	0.9905	-0.0001
2023-11-26T14:23:47	2	0	3	3	0	1.0418	1.0416	-0.0002	0.9991	-0.9999	-0.0010
2023-11-26T14:24:49	2	0	1	1	0	0.9959	0.9954	-0.0005	0.9965	0.9936	0.0029
2023-11-26T14:24:58	1	0	1	0	1	1.0276	null	null	0.9978	0.9978	0.0000
2023-11-26T14:33:03	1	0	2	2	0	1.0320	1.0319	-0.0002	-0.9951	-0.9951	0.0000
2023-11-26T14:34:05	1	0	1	1	0	1.0463	1.0460	-0.0003	0.999	0.999	0.0000
2023-11-26T14:35:59	2	0	6	6	0	0.9750	0.9756	0.0006	0.9905	0.9907	-0.0002
2023-11-26T14:38:48	1	0	28	28	0	0.9517	0.9517	0.0000	0.999	0.999	0.0000
2023-11-26T14:39:50	1	0	1	1	0	1.0160	1.0159	-0.0001	0.9924	0.9924	0.0000
2023-11-26T14:43:43	1	0	1	1	0	1.0269	1.0269	0.0000	0.9997	0.9997	0.0000
2023-11-26T14:44:52	3	0	16	14	2	1.0500	1.0441	-0.0059	0.9559	0.9565	-0.0006
2023-11-26T14:45:13	2	0	1	1	0	1.0529	1.0518	-0.0011	-0.9993	-0.9994	0.0001
2023-11-26T14:45:42	2	0	13	13	0	1.0532	1.0531	0.0000	-0.9798	-0.9798	0.0000
2023-11-26T14:45:47	1	0	126	125	1	1.0551	1.0551	0.0000	0.9974	0.9974	0.0000
2023-11-26T14:48:06	3	0	5	5	0	1.0342	1.0336	-0.0006	-0.9986	-0.9986	0.0000
2023-11-26T14:57:45	1	0	2	2	0	1.0325	1.0324	-0.0001	0.9795	0.9794	0.0001
2023-11-26T14:59:53	2	0	59	57	2	1.0646	1.0645	-0.0001	0.9573	0.9573	0.0000
2023-11-26T15:01:28	2	0	3	3	0	1.0345	1.0058	-0.0287	0.9902	0.9901	0.0001
2023-11-26T15:09:50	2	0	18	9	9	0.9437	0.9440	0.0004	-0.9913	-0.9902	-0.0011
2023-11-26T15:16:34	1	0	1	1	0	1.0563	1.0557	-0.0006	0.9952	0.9952	0.0000
2023-11-26T15:19:40	1	0	36	35	1	1.0493	1.0493	0.0000	-0.9811	-0.9811	0.0000
2023-11-26T15:24:51	1	0	1	0	1	1.0291	null	null	-0.9862	-0.9839	-0.0023
2023-11-26T15:31:30	2	0	1	1	0	1.0321	1.0319	-0.0002	0.9898	0.9898	0.0000
2023-11-26T15:34:37	11	0	2	2	0	1.0066	1.0072	0.0006	-0.9998	-0.9998	0.0000
2023-11-26T15:35:39	1	0	2	2	0	1.0197	1.0199	0.0002	-0.9956	-0.9955	-0.0001
2023-11-26T15:44:56	2	0	6	6	0	1.0309	1.0308	-0.0002	0.9617	0.9621	-0.0004
2023-11-26T15:53:53	2	0	2	2	0	1.0272	1.0270	-0.0002	0.9984	1	-0.0016
2023-11-26T16:02:54	1	0	1	1	0	1.0269	1.0269	0.0000	-0.9801	-0.98	-0.0001
2023-11-26T16:04:39	8	0	1	0	1	0.9716	null	null	-1	-0.9999	-0.0001
2023-11-26T16:22:03	1	0	1	1	0	0.9660	0.9660	0.0000	0.9761	0.976	0.0001
2023-11-26T16:23:55	1	0	3	3	0	0.9527	0.9531	0.0004	1	0.9984	0.0016
2023-11-26T16:32:37	1	0	44	44	0	0.9397	0.9399	0.0002	0.9939	0.9938	0.0001
2023-11-26T16:32:56	1	0	2	2	0	1.0306	1.0304	-0.0003	-0.9836	-0.9836	0.0000
2023-11-26T16:32:59	2	0	1	1	0	0.9588	0.9595	0.0007	-0.9994	-0.9994	0.0000
2023-11-26T18:21:20	1	0	67	67	0	0.9225	0.9225	0.0000	0.9936	0.9935	0.0001
2023-11-26T18:34:41	2	0	11	11	0	0.9442	0.9442	0.0000	0.9935	0.9935	0.0000
2023-11-27T07:50:10	2	0	14	12	2	0.9446	0.9447	0.0001	-0.9724	-0.971	-0.0014
2023-11-27T07:51:45	1	0	38	38	0	0.9311	0.9313	0.0002	0.9985	0.9984	0.0001
2023-11-27T08:05:09	3	0	252	250	2	1.0618	1.0618	0.0000	0.9957	0.9957	0.0000
2023-11-27T08:06:46	1	0	21	21	0	0.9343	0.9344	0.0001	0.9984	0.9983	0.0001
2023-11-27T08:08:35	2	0	1	1	0	1.0239	1.0232	-0.0007	-0.9859	-0.9856	-0.0003
2023-11-27T08:14:01	2	0	65	65	0	1.0557	1.0556	-0.0001	-0.9594	-0.9589	-0.0005
2023-11-27T08:25:04	1	0	74	73	1	1.0552	1.0551	0.0000	0.9999	0.9999	0.0000
2023-11-27T08:29:13	1	0	12	12	0	1.0486	1.0486	0.0000	0.9999	0.9999	0.0000
2023-11-27T08:36:39	1	0	1	1	0	0.9433	0.9436	0.0003	0.9999	0.9999	0.0000
2023-11-27T08:46:29	1	0	174	174	0	1.0567	1.0566	-0.0001	0.9938	0.9938	0.0000
2023-11-27T09:01:45	1	0	55	54	1	1.0486	1.0484	-0.0002	-0.9644	-0.9645	0.0001
2023-11-27T09:03:57	2	0	3	3	0	1.0308	1.0308	0.0000	0.9944	0.9944	0.0000
2023-11-27T09:04:36	4	0	26	26	0	1.0525	1.0525	0.0000	-0.9996	-0.9996	0.0000
2023-11-27T09:04:42	1	0	16	14	2	1.0504	1.0495	-0.0009	-0.9936	-0.9937	0.0001
2023-11-27T09:04:55	2	0	10	10	0	0.9374	0.9374	0.0000	0.9196	0.9195	0.0001
2023-11-27T09:05:13	1	0	46	45	1	1.0547	1.0547	0.0000	0.9782	0.9782	0.0000
2023-11-27T09:06:50	2	0	13	13	0	0.9354	0.9358	0.0004	0.998	0.9979	0.0001
2023-11-27T09:08:39	2	0	19	18	1	0.9470	0.9477	0.0006	-0.9936	-0.9934	-0.0002
2023-11-27T09:10:07	2	0	157	155	2	1.0582	1.0581	-0.0001	1	1	0.0000
2023-11-27T09:12:26	1	0	80	80	0	1.1547	1.1541	-0.0007	-0.9951	-0.9952	0.0001
2023-11-27T09:14:16	1	0	14	14	0	1.0501	1.0500	0.0000	0.9996	0.9995	0.0001
2023-11-27T09:14:37	1	0	58	57	1	1.0566	1.0567	0.0000	0.9741	0.974	0.0001
2023-11-27T09:20:14	1	0	52	50	2	1.0552	1.0551	-0.0001	0.9788	0.9787	0.0001
2023-11-27T09:24:16	2	0	3	3	0	1.0448	1.0445	-0.0003	0.9895	0.9893	0.0002
2023-11-27T09:30:54	1	0	2	2	0	1.0221	1.0220	-0.0002	-0.998	-0.998	0.0000
2023-11-27T09:32:49	1	0	2	2	0	1.0376	1.0372	-0.0005	0.966	0.9659	0.0001
2023-11-27T09:33:51	3	0	30	28	2	1.0500	1.0496	-0.0004	-0.9997	-0.9997	0.0000
2023-11-27T09:35:15	1	0	44	43	1	1.0547	1.0547	0.0000	0.9777	0.9776	0.0001
2023-11-27T09:35:19	10	0	26	24	2	1.0496	1.0493	-0.0003	-0.9998	-0.9999	0.0001
2023-11-27T09:36:45	3	0	4	4	0	1.0223	1.0220	-0.0003	0.9838	0.9837	0.0001
2023-11-27T09:38:41	1	0	70	66	4	0.9409	0.9420	0.0011	-0.9953	-0.9951	-0.0002
2023-11-27T09:39:14	1	0	9	9	0	1.0340	1.0339	-0.0001	0.9663	0.9662	0.0001
2023-11-27T09:43:36	1	0	1	1	0	1.0293	1.0285	-0.0008	-0.998	-0.998	0.0000
2023-11-27T09:44:07	2	0	22	17	5	1.0504	1.0488	-0.0017	-0.9968	-0.9969	0.0001
2023-11-27T09:44:18	4	0	18	16	2	1.0515	1.0509	-0.0006	0.9996	0.9996	0.0000
2023-11-27T09:45:36	3	0	2	2	0	1.0050	1.0055	0.0005	0.9953	0.9954	-0.0001
2023-11-27T09:45:38	1	0	2	2	0	1.0331	1.0331	0.0000	0.9991	0.9991	0.0000
2023-11-27T09:48:35	1	0	1	1	0	0.9440	0.9445	0.0005	-0.9972	-0.9972	0.0000
2023-11-27T09:56:43	1	0	13	12	1	1.0546	1.0541	-0.0006	0.9913	0.9912	0.0001
2023-11-27T09:58:09	1	0	26	25	1	1.0518	1.0516	-0.0002	0.9921	0.9921	0.0000
2023-11-27T09:58:31	1	0	1	1	0	1.0456	1.0452	-0.0004	0.971	0.9704	0.0006
2023-11-27T09:59:08	2	0	115	115	0	1.0595	1.0592	-0.0003	-0.9514	-0.9517	0.0003
2023-11-27T09:59:19	4	0	12	12	0	1.0496	1.0494	-0.0002	0.9996	0.9995	0.0001
2023-11-27T09:59:32	1	0	1	1	0	1.0342	1.0339	-0.0003	0.9831	0.983	0.0001

2023-11-27T09:59:40	1	0	64	63	1	1.0567	1.0566	-0.0001	0.9755	0.9754	0.0001
2023-11-27T10:00:39	1	0	2	2	0	1.0285	1.0283	-0.0002	0.9986	0.9985	0.0001
2023-11-27T10:01:58	1	0	3	3	0	1.0330	1.0327	-0.0002	0.9936	0.9935	0.0001
2023-11-27T10:02:05	4	0	3	3	0	1.0395	1.0384	-0.0011	0.9997	0.9997	0.0000
2023-11-27T10:02:45	2	0	34	31	3	0.9489	0.9491	0.0002	0.9555	0.9555	0.0000
2023-11-27T10:03:36	1	0	89	85	4	0.9245	0.9249	0.0004	0.9992	0.9992	0.0000
2023-11-27T10:03:53	1	0	9	9	0	1.0411	1.0410	-0.0001	0.9995	0.9995	0.0000
2023-11-27T10:04:53	2	0	2	2	0	1.0283	1.0280	-0.0003	0.9965	0.9964	0.0001
2023-11-27T10:04:59	4	0	309	309	0	0.8568	0.8573	0.0005	0.8602	0.8605	-0.0003
2023-11-27T10:05:01	2	0	2	0	2	1.0451	null	null	-0.9046	-0.9049	0.0003
2023-11-27T10:05:09	1	0	1	1	0	1.0329	1.0324	-0.0005	-0.9967	-0.9967	0.0000
2023-11-27T10:05:17	1	0	40	39	1	1.0544	1.0544	0.0000	0.9771	0.9771	0.0000
2023-11-27T10:05:21	3	0	25	25	0	1.0497	1.0488	-0.0009	-0.9999	-0.9999	0.0000
2023-11-27T10:06:23	1	0	1	0	1	1.0551	null	null	-1	-1	0.0000
2023-11-27T10:06:47	1	0	4	4	0	1.0247	1.0246	-0.0001	0.9922	0.9922	0.0000
2023-11-27T10:08:43	3	0	46	49	-3	0.9388	0.9411	0.0023	-0.9944	-0.9935	-0.0009
2023-11-27T10:09:43	2	0	1	1	0	1.0596	1.0589	-0.0007	0.9978	0.9978	0.0000
2023-11-27T10:10:27	1	0	9	9	0	1.0351	1.0350	0.0000	0.9885	0.9895	-0.0010
2023-11-27T10:10:38	1	0	1	1	0	1.0017	1.0014	-0.0003	0.9507	0.9547	-0.0040
2023-11-27T10:12:12	2	0	2	2	0	0.9918	0.9920	0.0002	-0.9852	-0.9851	-0.0001
2023-11-27T10:13:58	3	0	7	7	0	0.9608	0.9617	0.0009	-0.9946	-0.9942	-0.0004
2023-11-27T10:14:14	1	0	29	29	0	1.0466	1.0466	0.0000	-0.9989	-0.9989	0.0000
2023-11-27T10:14:41	2	0	161	156	5	1.0591	1.0590	-0.0001	0.9753	0.9752	0.0001
2023-11-27T10:15:28	3	0	14	14	0	1.0456	1.0453	-0.0002	-0.998	-0.9981	0.0001
2023-11-27T10:15:59	1	0	2	2	0	1.0201	1.0199	-0.0001	-0.9986	-0.9986	0.0000
2023-11-27T10:16:33	4	0	1	1	0	1.0374	1.0365	-0.0009	0.9905	0.9971	-0.0066
2023-11-27T10:17:17	3	0	31	30	1	1.0517	1.0515	-0.0001	0.9832	0.9831	0.0001
2023-11-27T10:18:37	1	0	4	4	0	1.0456	1.0456	-0.0001	0.9968	0.9969	-0.0001
2023-11-27T10:18:52	2	0	4	4	0	0.9573	0.9575	0.0002	-0.9998	-0.9998	0.0000
2023-11-27T10:19:14	3	0	316	312	4	1.0637	1.0637	0.0000	0.9742	0.9732	0.0010
2023-11-27T10:20:11	1	0	1	1	0	1.0279	1.0276	-0.0003	0.9852	0.9852	0.0000
2023-11-27T10:20:25	1	0	22	21	1	1.0458	1.0458	0.0000	-0.998	-0.998	0.0000
2023-11-27T10:23:18	5	0	2	1	1	0.9431	0.9435	0.0004	0.996	0.9962	-0.0002
2023-11-27T10:23:44	2	0	210	183	27	0.9327	0.9351	0.0024	-0.9969	-0.9972	0.0003
2023-11-27T10:24:39	3	0	2	0	2	1.0563	null	null	-0.9975	-0.9976	0.0001
2023-11-27T10:26:35	1	0	1	0	1	1.0550	null	null	0.9927	0.9927	0.0000
2023-11-27T10:30:39	1	0	2	2	0	0.9537	0.9542	0.0005	0.9944	0.9945	-0.0001
2023-11-27T10:31:00	6	0	9	9	0	1.0373	1.0371	-0.0002	-0.9976	-0.9978	0.0002
2023-11-27T10:33:30	2	0	3	2	1	1.0527	1.0508	-0.0018	0.977	0.9767	0.0003
2023-11-27T10:33:44	1	0	1	1	0	1.0150	1.0147	-0.0003	0.9796	0.9795	0.0001
2023-11-27T10:34:48	1	0	10	10	0	1.0483	1.0483	-0.0001	0.9995	0.9994	0.0001
2023-11-27T10:35:16	2	0	8	3	5	0.9451	0.9487	0.0036	0.9847	0.9851	-0.0004
2023-11-27T10:35:21	1	0	132	123	9	0.9380	0.9384	0.0005	-0.99	-0.9891	-0.0009
2023-11-27T10:35:23	2	0	33	33	0	1.0529	1.0528	0.0000	-1	-1	0.0000
2023-11-27T10:36:49	1	0	4	4	0	1.0287	1.0285	-0.0003	0.984	0.984	0.0000
2023-11-27T10:38:45	2	0	66	64	2	0.9438	0.9439	0.0001	-0.9949	-0.9949	0.0000
2023-11-27T10:41:27	1	0	103	67	36	1.0566	1.0570	0.0004	-0.9842	-0.9947	0.0105
2023-11-27T10:44:22	1	0	21	21	0	1.0511	1.0511	0.0000	0.9998	0.9998	0.0000
2023-11-27T10:45:12	2	0	1	0	1	1.0577	null	null	0.9927	0.9927	0.0000
2023-11-27T10:48:50	1	0	1	1	0	1.0290	1.0287	-0.0003	-0.9991	-0.9991	0.0000
2023-11-27T10:50:00	1	0	3	3	0	1.0492	1.0491	-0.0001	0.9986	0.9985	0.0001
2023-11-27T10:50:02	2	0	1	0	1	1.0574	null	null	0.9367	0.936	0.0007
2023-11-27T10:51:50	1	0	5	5	0	0.9970	0.9973	0.0003	0.983	0.9832	-0.0002
2023-11-27T10:53:46	1	0	44	44	0	0.9437	0.9439	0.0002	-0.9941	-0.994	-0.0001
2023-11-27T10:55:08	2	0	3	3	0	0.9515	0.9525	0.0010	0.9792	0.9794	-0.0002
2023-11-27T10:55:41	1	0	46	46	0	0.9557	0.9557	0.0000	0.9538	0.945	0.0088
2023-11-27T10:58:00	2	0	37	36	1	1.0507	1.0505	-0.0001	-1	-1	0.0000
2023-11-27T11:00:16	2	0	17	15	2	0.9446	0.9448	0.0002	0.9943	0.9819	0.0124
2023-11-27T11:03:32	3	0	1	1	0	0.9736	0.9756	0.0020	0.9725	0.973	-0.0005
2023-11-27T11:03:55	7	0	12	12	0	0.9676	0.9682	0.0006	-0.9984	-0.9984	0.0000
2023-11-27T11:04:01	1	0	2	2	0	1.0391	1.0388	-0.0004	0.9993	0.9993	0.0000
2023-11-27T11:05:03	3	0	1	0	1	1.0567	null	null	0.9301	0.9295	0.0006
2023-11-27T11:05:51	2	0	2	2	0	1.0684	1.0679	-0.0005	-0.9756	-0.9767	0.0011
2023-11-27T11:06:49	2	0	1	0	1	0.9447	null	null	0.9969	0.997	-0.0001
2023-11-27T11:11:11	2	0	1	1	0	1.0571	1.0564	-0.0007	0.9871	0.9868	0.0003
2023-11-27T11:14:24	1	0	18	18	0	1.0520	1.0520	0.0000	0.9996	0.9996	0.0000
2023-11-27T11:15:32	2	0	7	7	0	1.0457	1.0454	-0.0003	-0.9984	-0.9984	0.0000
2023-11-27T11:15:44	6	0	5	6	-1	1.0298	1.0174	-0.0124	0.9876	0.9863	0.0013
2023-11-27T11:16:07	2	0	232	224	8	1.0733	1.0718	-0.0015	0.9903	0.9901	0.0002
2023-11-27T11:16:07	2	0	8	8	0	1.0318	1.0316	-0.0002	0.9647	0.9646	0.0001
2023-11-27T11:18:33	1	0	1	0	1	1.0555	null	null	0.9701	0.97	0.0001
2023-11-27T11:20:24	1	0	25	25	0	0.9558	0.9558	0.0000	0.9955	0.9955	0.0000
2023-11-27T11:20:26	1	0	22	22	0	1.0490	1.0488	-0.0002	-0.9998	-0.9998	0.0000
2023-11-27T11:21:28	2	0	4	4	0	1.0154	1.0158	0.0004	1	1	0.0000
2023-11-27T11:22:42	1	0	12	12	0	1.0417	1.0416	-0.0001	0.9992	0.9992	0.0000
2023-11-27T11:23:09	1	0	101	100	1	1.0541	1.0541	0.0000	-0.9832	-0.983	-0.0002
2023-11-27T11:24:49	1	0	3	3	0	1.0315	1.0314	-0.0001	0.9992	0.9992	0.0000
2023-11-27T11:27:17	2	0	2	2	0	0.9939	0.9942	0.0003	-0.9844	-0.9842	-0.0002
2023-11-27T11:29:19	1	0	22	22	0	1.0481	1.0481	0.0000	-0.9983	-0.9983	0.0000
2023-11-27T11:30:45	6	0	6	6	0	1.0167	1.0168	0.0001	0.9861	0.9864	-0.0003
2023-11-27T11:31:08	3	0	11	11	0	1.0407	1.0405	-0.0002	0.9684	0.9684	0.0000
2023-11-27T11:31:40	1	0	262	262	0	1.0580	1.0580	0.0000	0.9946	0.9947	-0.0001
2023-11-27T11:31:55	1	0	44	43	1	1.0491	1.0490	-0.0002	-0.9691	-0.969	-0.0001
2023-11-27T11:32:36	1	0	107	106	1	1.0572	1.0570	-0.0002	-0.9735	-0.9735	0.0000
2023-11-27T11:34:07	1	0	3	3	0	1.0420	1.0420	0.0000	0.9958	0.9958	0.0000

2023-11-27T11:34:46	2	0	4	4	0	1.0461	1.0461	0.0000	0.9849	0.9849	0.0000
2023-11-27T11:35:03	2	0	8	8	0	1.0469	1.0467	-0.0001	0.9985	0.9985	0.0000
2023-11-27T11:35:30	2	0	7	7	0	1.0449	1.0448	-0.0001	-0.9986	-0.9986	0.0000
2023-11-27T11:36:29	1	0	1	1	0	1.0732	1.0732	0.0000	-0.9985	-0.9985	0.0000
2023-11-27T11:37:43	1	0	4	4	0	1.0456	1.0456	0.0000	0.9974	0.9974	0.0000
2023-11-27T11:39:57	1	0	5	5	0	1.0135	1.0134	-0.0001	-0.9993	-0.9994	0.0001
2023-11-27T11:40:33	1	0	1	1	0	1.0453	1.0453	0.0000	0.9975	0.9975	0.0000
2023-11-27T11:40:44	1	0	5	5	0	0.9527	0.9527	0.0000	0.9381	0.9425	-0.0044
2023-11-27T11:41:42	1	0	1	1	0	1.0596	1.0588	-0.0008	0.9921	0.992	0.0001
2023-11-27T11:45:46	5	0	6	6	0	1.0171	1.0172	0.0001	0.9864	0.9867	-0.0003
2023-11-27T11:47:26	1	0	1	1	0	1.0587	1.0579	-0.0008	0.9734	0.9732	0.0002
2023-11-27T11:48:59	6	0	7	10	-3	0.9660	0.9610	-0.0050	-0.9977	-0.9977	0.0000
2023-11-27T11:49:08	1	0	2	2	0	1.0513	1.0513	0.0000	0.9956	0.9956	0.0000
2023-11-27T11:49:47	1	0	5	5	0	1.0487	1.0487	0.0000	0.9877	0.9877	0.0000
2023-11-27T11:50:31	3	0	16	15	1	1.0465	1.0465	0.0000	-0.9979	-0.9979	0.0000
2023-11-27T11:51:30	1	0	1	1	0	1.0750	1.0750	0.0000	-0.9973	-0.9973	0.0000
2023-11-27T11:55:34	1	0	9	9	0	1.0460	1.0460	0.0000	0.9973	0.9974	-0.0001
2023-11-27T11:55:45	1	0	1	1	0	0.9942	0.9941	-0.0001	0.9444	0.9486	-0.0042
2023-11-27T12:02:24	4	0	43	40	3	1.0535	1.0532	-0.0003	0.9823	0.9822	0.0001
2023-11-27T12:02:38	1	0	34	33	1	1.0560	1.0560	0.0000	-0.988	-0.988	0.0000
2023-11-27T12:02:53	2	0	9	8	1	1.0421	1.0393	-0.0028	0.9658	0.9658	0.0000
2023-11-27T12:04:48	1	0	6	6	0	1.0501	1.0501	0.0000	0.9866	0.9867	-0.0001
2023-11-27T12:05:32	2	0	10	10	0	1.0462	1.0462	0.0000	-0.9974	-0.9974	0.0000
2023-11-27T12:06:31	1	0	1	1	0	1.0730	1.0730	0.0000	-0.9978	-0.9978	0.0000
2023-11-27T12:08:59	4	0	1	0	1	1.0557	null	null	-0.9999	-0.9999	0.0000
2023-11-27T12:10:35	1	0	10	10	0	1.0470	1.0470	0.0000	0.9987	0.9987	0.0000
2023-11-27T12:14:22	2	0	40	40	0	1.0502	1.0499	-0.0003	-0.9976	-0.9976	0.0000
2023-11-27T12:15:13	2	0	53	51	2	1.0482	1.0478	-0.0003	0.9962	0.9962	0.0000
2023-11-27T12:15:15	3	0	3	2	1	0.9865	0.9734	-0.0131	0.9889	0.9888	0.0001
2023-11-27T12:15:48	4	0	72	71	1	0.9469	0.9477	0.0008	0.9876	0.9879	-0.0003
2023-11-27T12:16:21	2	0	27	26	1	1.0506	1.0504	-0.0002	-0.9919	-0.9919	0.0000
2023-11-27T12:22:20	1	0	19	19	0	1.0481	1.0481	0.0000	-0.9932	-0.9932	0.0000
2023-11-27T12:25:47	1	0	2	2	0	1.0261	1.0261	-0.0001	0.9518	0.9519	-0.0001
2023-11-27T12:30:16	2	0	1	1	0	0.9394	0.9394	0.0000	0.9869	0.987	-0.0001
2023-11-27T12:40:01	1	0	4	4	0	1.0311	1.0311	0.0000	-0.9993	-0.9993	0.0000
2023-11-27T12:49:03	6	0	2	3	-1	1.0159	0.9971	-0.0188	-0.9996	-0.9996	0.0000
2023-11-27T12:58:13	2	0	7	7	0	0.9537	0.9552	0.0015	0.9886	0.9887	-0.0001
2023-11-27T13:00:51	4	0	3	3	0	1.0452	1.0449	-0.0003	0.9603	0.9594	0.0009
2023-11-27T13:02:58	1	0	5	6	-1	0.9882	0.9807	-0.0075	0.9632	0.9632	0.0000
2023-11-27T13:05:09	1	0	2	3	-1	1.0470	1.0464	-0.0006	0.9971	0.9972	-0.0001
2023-11-27T13:06:35	1	0	1	1	0	1.0781	1.0781	0.0000	-0.9989	-0.9989	0.0000
2023-11-27T13:15:52	1	0	3	3	0	1.0487	1.0487	0.0000	0.9768	0.9769	-0.0001
2023-11-27T13:43:16	1	0	69	20	49	0.9387	0.9425	0.0038	0.9896	0.99	-0.0004
2023-11-27T13:45:54	2	0	6	7	-1	1.0394	1.0418	0.0023	0.946	0.9465	-0.0005
2023-11-27T13:54:59	1	0	2	2	0	1.0331	1.0330	-0.0001	0.9987	0.9987	0.0000
2023-11-27T13:58:17	1	0	70	69	1	0.9367	0.9371	0.0004	0.9896	0.9894	0.0002
2023-11-27T14:03:44	3	0	2	2	0	1.0186	0.9782	-0.0404	0.9499	0.9494	0.0005
2023-11-27T14:05:04	1	0	2	2	0	0.9848	0.9848	0.0000	0.8828	0.883	-0.0002
2023-11-27T14:07:05	5	0	2	3	-1	1.0164	1.0200	0.0036	0.9841	0.9842	-0.0001
2023-11-27T14:08:20	2	0	110	109	1	1.0550	1.0549	0.0000	-0.9843	-0.9842	-0.0001
2023-11-27T14:09:29	1	0	1	1	0	0.9925	0.9935	0.0010	0.9822	0.9825	-0.0003
2023-11-27T14:09:54	2	0	2	3	-1	1.0597	1.0584	-0.0013	-0.9976	-0.9976	0.0000
2023-11-27T14:10:50	2	0	1	0	1	1.0055	null	null	0.9997	0.9996	0.0001
2023-11-27T14:13:18	1	0	92	91	1	0.9248	0.9254	0.0005	0.9898	0.99	-0.0002
2023-11-27T14:13:43	1	0	1	1	0	1.0554	1.0551	-0.0003	0.9939	0.9938	0.0001
2023-11-27T14:15:26	1	0	1	1	0	1.0249	1.0246	-0.0003	0.9927	0.9926	0.0001
2023-11-27T14:15:46	4	0	9	10	-1	1.0472	1.0462	-0.0010	0.999	0.9991	-0.0001
2023-11-27T14:15:54	1	0	1	1	0	1.0395	1.0395	0.0000	0.9957	0.9956	0.0001
2023-11-27T14:16:34	2	0	31	28	3	1.0588	1.0585	-0.0003	0.9989	0.9988	0.0001
2023-11-27T14:17:22	5	0	25	23	2	1.0503	1.0501	-0.0002	0.9996	0.9996	0.0000
2023-11-27T14:17:36	1	0	1	1	0	1.0587	1.0586	-0.0001	0.9706	0.9705	0.0001
2023-11-27T14:18:53	6	0	3	1	2	1.0391	1.0339	-0.0052	-0.9952	-0.9955	0.0003
2023-11-27T14:19:14	5	0	9	9	0	1.0429	1.0428	-0.0001	0.9992	0.9992	0.0000
2023-11-27T14:20:05	2	0	111	111	0	1.0586	1.0583	-0.0002	-0.9942	-0.9945	0.0003
2023-11-27T14:22:06	3	0	3	3	0	1.0319	1.0317	-0.0002	0.984	0.984	0.0000
2023-11-27T14:22:45	2	0	12	12	0	1.0447	1.0445	-0.0003	0.9936	0.9935	0.0001
2023-11-27T14:24:55	2	0	2	2	0	1.0586	1.0583	-0.0002	-0.998	-0.998	0.0000
2023-11-27T14:26:53	1	0	2	2	0	1.0508	1.0507	-0.0001	0.9998	0.9998	0.0000
2023-11-27T14:28:19	1	0	39	26	13	0.9412	0.9417	0.0005	0.989	0.9892	-0.0002
2023-11-27T14:28:27	1	0	52	52	0	1.0545	1.0544	-0.0001	0.9897	0.9896	0.0001
2023-11-27T14:30:55	1	0	1	1	0	0.9681	0.9682	0.0001	0.9958	0.9958	0.0000
2023-11-27T14:32:23	6	0	9	9	0	1.0475	1.0471	-0.0004	0.9992	0.9992	0.0000
2023-11-27T14:32:34	3	0	32	31	1	1.0523	1.0522	-0.0001	0.9824	0.9824	0.0000
2023-11-27T14:32:37	1	0	1	1	0	1.0559	1.0557	-0.0002	0.9752	0.9752	0.0000
2023-11-27T14:33:46	1	0	1	1	0	1.0570	1.0565	-0.0005	0.9618	0.9617	0.0001
2023-11-27T14:33:54	13	0	4	3	1	1.0421	1.0396	-0.0025	-0.9977	-0.9979	0.0002
2023-11-27T14:34:15	2	0	5	5	0	1.0437	1.0437	0.0000	0.9993	0.9993	0.0000
2023-11-27T14:35:15	1	0	3	3	0	1.0511	1.0510	-0.0001	0.997	0.9969	0.0001
2023-11-27T14:35:19	1	0	3	3	0	1.0505	1.0503	-0.0002	-0.9082	-0.9082	0.0000
2023-11-27T14:36:41	2	0	3	3	0	1.0107	1.0108	0.0001	0.999	0.999	0.0000
2023-11-27T14:37:20	1	0	2	2	0	1.0446	1.0443	-0.0004	0.9871	0.987	0.0001
2023-11-27T14:38:22	1	0	116	114	2	1.0558	1.0558	0.0000	-0.9815	-0.9814	-0.0001
2023-11-27T14:40:08	2	0	3	3	0	1.0541	1.0534	-0.0007	0.9978	0.9983	-0.0005
2023-11-27T14:43:28	2	0	68	67	1	1.0545	1.0545	0.0000	0.9893	0.9893	0.0000
2023-11-27T14:45:25	3	0	3	3	0	0.9843	0.9835	-0.0008	0.9918	0.9917	0.0001

2023-11-27T14:45:28	1	0	1	1	0	1.0256	1.0255	-0.0001	0.9941	0.9941	0.0000
2023-11-27T14:45:48	1	0	10	9	1	1.0453	1.0451	-0.0001	0.999	0.9989	0.0001
2023-11-27T14:45:56	1	0	6	6	0	0.9460	0.9460	0.0001	0.9949	0.9949	0.0000
2023-11-27T14:47:24	1	0	17	16	1	1.0492	1.0493	0.0001	0.9994	0.9993	0.0001
2023-11-27T14:48:47	2	0	4	4	0	0.9993	1.0166	0.0173	0.9668	0.9672	-0.0004
2023-11-27T14:49:11	5	0	7	7	0	0.9843	0.9846	0.0003	-0.9996	-0.9996	0.0000
2023-11-27T14:50:43	2	0	18	17	1	1.0486	1.0482	-0.0004	0.9966	0.9966	0.0000
2023-11-27T14:50:56	1	0	3	3	0	1.0005	1.0002	-0.0003	1	1	0.0000
2023-11-27T14:52:08	4	0	2	2	0	1.0252	1.0250	-0.0001	0.9845	0.9845	0.0000
2023-11-27T14:56:55	1	0	1	1	0	1.0563	1.0562	-0.0001	1	1	0.0000
2023-11-27T14:59:37	1	0	3	3	0	1.0459	1.0456	-0.0003	0.9763	0.9762	0.0001
2023-11-27T15:05:08	2	0	96	92	4	1.0574	1.0574	0.0000	-0.9941	-0.9943	0.0002
2023-11-27T15:06:08	1	0	4	4	0	1.0481	1.0480	-0.0001	-0.9739	-0.9742	0.0003
2023-11-27T15:08:24	4	0	3	2	1	1.0311	1.0294	-0.0017	0.9987	0.9987	0.0000
2023-11-27T15:47:38	1	0	1	1	0	1.0396	1.0394	-0.0002	0.9865	0.9864	0.0001
2023-11-27T15:55:50	1	0	4	4	0	1.0288	1.0287	-0.0001	0.9884	0.9884	0.0000
2023-11-27T15:56:59	1	0	1	1	0	1.0426	1.0422	-0.0004	0.9982	0.998	0.0002
2023-11-27T16:00:07	1	0	1	1	0	0.9436	0.9444	0.0008	0.9877	0.9877	0.0000
2023-11-27T16:00:07	1	0	83	83	0	1.0569	1.0569	0.0000	0.9812	0.9812	0.0000
2023-11-27T16:03:52	1	0	1	1	0	0.9784	0.9784	0.0000	0.9654	0.9654	0.0000
2023-11-27T16:07:13	1	0	5	5	0	1.0097	1.0097	0.0001	0.9817	0.9817	0.0000
2023-11-27T16:16:01	1	0	1	1	0	0.9759	0.9763	0.0004	0.9964	0.9964	0.0000
2023-11-27T16:26:32	1	0	9	9	0	1.0186	1.0187	0.0001	0.9999	1	-0.0001
2023-11-27T16:32:41	2	0	1	1	0	1.0132	1.0125	-0.0007	0.9843	0.9842	0.0001
2023-11-27T16:55:17	2	0	8	8	0	0.9527	0.9532	0.0005	0.996	0.9953	0.0007
2023-11-27T17:04:20	1	0	53	53	0	0.9473	0.9474	0.0000	-0.9993	-0.9993	0.0000
2023-11-27T17:25:19	2	0	88	86	2	0.9475	0.9475	0.0000	0.9926	0.9926	0.0000
2023-11-27T18:22:23	1	0	43	43	0	0.9474	0.9474	0.0000	0.9815	0.9815	0.0000
2023-11-27T18:22:28	1	0	108	108	0	0.9118	0.9118	0.0000	0.9917	0.9917	0.0000
2023-11-28T08:04:50	1	0	307	307	0	0.8593	0.8593	0.0001	0.881	0.8807	0.0003
2023-11-28T08:06:39	3	0	46	41	5	1.0485	1.0483	-0.0002	0.9915	0.9915	0.0000
2023-11-28T08:06:46	2	0	208	208	0	0.8983	0.8985	0.0001	0.9539	0.9538	0.0001
2023-11-28T08:09:28	2	0	15	15	0	0.9410	0.9517	0.0107	0.9988	0.9989	-0.0001
2023-11-28T08:10:54	1	0	107	105	2	1.0572	1.0571	0.0000	0.9941	0.9941	0.0000
2023-11-28T08:29:01	2	0	19	18	1	1.0526	1.0524	-0.0002	-0.9585	-0.9578	-0.0007
2023-11-28T08:29:14	1	0	8	8	0	1.0450	1.0450	0.0000	0.9938	0.9938	0.0000
2023-11-28T08:33:10	1	0	92	89	3	0.9349	0.9351	0.0002	0.99	0.9902	-0.0002
2023-11-28T08:36:41	1	0	12	12	0	1.0394	1.0394	0.0000	0.9912	0.9913	-0.0001
2023-11-28T08:40:19	2	0	423	422	1	1.0691	1.0690	-0.0001	-0.9665	-0.9663	-0.0002
2023-11-28T08:40:31	1	0	89	88	1	0.9336	0.9337	0.0001	-0.994	-0.9938	-0.0002
2023-11-28T08:41:00	1	0	45	45	0	0.9439	0.9441	0.0002	0.9979	0.9979	0.0000
2023-11-28T08:44:02	1	0	58	58	0	1.0544	1.0544	-0.0001	-0.9529	-0.9523	-0.0006
2023-11-28T08:45:04	3	0	2	2	0	0.9722	0.9718	-0.0004	0.9966	0.9966	0.0000
2023-11-28T08:48:11	1	0	82	82	0	0.9371	0.9371	0.0000	0.9891	0.9892	-0.0001
2023-11-28T08:58:06	1	0	170	169	1	1.0574	1.0574	0.0000	0.9786	0.9786	0.0000
2023-11-28T08:58:33	3	0	2	2	0	1.0293	1.0285	-0.0007	-0.9997	-0.9997	0.0000
2023-11-28T09:00:05	3	0	8	8	0	0.9518	0.9518	0.0000	0.9892	0.9892	0.0000
2023-11-28T09:06:50	1	0	129	129	0	0.9096	0.9097	0.0001	0.9583	0.9582	0.0001
2023-11-28T09:09:32	2	0	3	3	0	0.9385	0.9388	0.0003	0.9974	0.9975	-0.0001
2023-11-28T09:10:33	2	0	15	17	-2	0.9521	0.9510	-0.0011	-0.9897	-0.9897	0.0000
2023-11-28T09:12:24	1	0	80	80	0	1.1585	1.1579	-0.0007	-0.9859	-0.986	0.0001
2023-11-28T09:14:04	1	0	57	55	2	1.0550	1.0549	-0.0002	-0.9587	-0.9582	-0.0005
2023-11-28T09:14:37	1	0	28	27	1	1.0550	1.0550	0.0000	0.9826	0.9826	0.0000
2023-11-28T09:18:13	1	0	57	57	0	0.9479	0.9481	0.0002	0.9895	0.9897	-0.0002
2023-11-28T09:20:22	1	0	18	18	0	1.0509	1.0509	-0.0001	0.9782	0.9735	0.0047
2023-11-28T09:21:44	2	0	74	70	4	1.0570	1.0561	-0.0009	0.9906	0.9905	0.0001
2023-11-28T09:24:18	2	0	16	15	1	1.0525	1.0521	-0.0004	1	0.9999	0.0001
2023-11-28T09:24:33	1	0	6	6	0	0.9588	0.9587	-0.0001	0.9973	0.9973	0.0000
2023-11-28T09:25:05	1	0	10	10	0	1.0471	1.0471	0.0000	0.9906	0.9906	0.0000
2023-11-28T09:25:34	1	0	2	2	0	0.9423	0.9424	0.0001	-0.9897	-0.9894	-0.0003
2023-11-28T09:31:34	1	0	93	92	1	1.0545	1.0545	0.0000	0.9921	0.9922	-0.0001
2023-11-28T09:32:44	2	0	19	18	1	1.0336	1.0323	-0.0013	0.9412	0.9412	0.0000
2023-11-28T09:33:30	3	0	2	2	0	0.9573	0.9584	0.0010	0.9637	0.9639	-0.0002
2023-11-28T09:33:34	4	0	56	55	1	0.9334	0.9336	0.0003	-0.9997	-0.9997	0.0000
2023-11-28T09:34:57	2	0	32	31	1	0.9491	0.9492	0.0000	0.938	0.9382	-0.0002
2023-11-28T09:35:17	1	0	60	60	0	0.9431	0.9432	0.0001	-0.9912	-0.9911	-0.0001
2023-11-28T09:44:19	1	0	2	1	1	1.0455	1.0452	-0.0003	0.9929	0.9926	0.0003
2023-11-28T09:44:39	1	0	58	57	1	1.0569	1.0569	0.0000	0.9839	0.9838	0.0001
2023-11-28T09:45:04	1	0	70	69	1	1.0490	1.0489	-0.0001	0.9994	0.9994	0.0000
2023-11-28T09:45:36	3	0	14	11	3	0.9460	0.9472	0.0012	0.9906	0.9907	-0.0001
2023-11-28T09:45:55	1	0	13	13	0	1.0401	1.0401	-0.0001	0.9998	0.9998	0.0000
2023-11-28T09:46:41	4	0	3	2	1	1.0462	1.0458	-0.0005	-0.9949	-0.995	0.0001
2023-11-28T09:47:12	2	0	3	3	0	1.0288	1.0281	-0.0007	0.9822	0.9821	0.0001
2023-11-28T09:48:52	3	0	23	22	1	1.0473	1.0474	0.0001	1	1	0.0000
2023-11-28T09:50:24	1	0	24	23	1	1.0523	1.0520	-0.0002	0.9775	0.9725	0.0050
2023-11-28T09:53:03	1	0	125	123	2	1.0555	1.0555	0.0000	-0.9771	-0.9769	-0.0002
2023-11-28T09:53:17	5	0	89	87	2	0.9230	0.9240	0.0010	0.9887	0.9889	-0.0002
2023-11-28T09:54:35	2	0	45	40	5	0.9501	0.9503	0.0002	0.995	0.995	0.0000
2023-11-28T09:54:38	2	0	6	5	1	1.0494	1.0478	-0.0016	-0.9981	-0.9981	0.0000
2023-11-28T09:55:22	1	0	17	17	0	1.0435	1.0435	0.0000	0.9948	0.9948	0.0000
2023-11-28T09:57:55	1	0	3	3	0	0.9908	0.9912	0.0004	0.9957	0.9957	0.0000
2023-11-28T09:59:40	4	0	59	57	2	1.0566	1.0566	0.0000	0.9842	0.9842	0.0000
2023-11-28T09:59:42	1	0	40	31	9	0.9429	0.9435	0.0007	0.9831	0.9832	-0.0001
2023-11-28T10:00:39	1	0	1	1	0	1.0348	1.0344	-0.0004	0.9804	0.9802	0.0002
2023-11-28T10:01:59	1	0	13	12	1	1.0408	1.0423	0.0014	0.9929	0.9929	0.0000

2023-11-28T10:03:53	1	0	31	29	2	1.0490	1.0492	0.0001	0.9999	0.9999	0.0000
2023-11-28T10:04:55	2	0	7	7	0	1.0342	1.0341	-0.0001	0.9985	0.9985	0.0000
2023-11-28T10:05:02	2	0	5	5	0	1.0493	1.0488	-0.0005	-0.9184	-0.9185	0.0001
2023-11-28T10:05:11	1	0	21	21	0	0.9380	0.9381	0.0001	0.9929	0.9929	0.0000
2023-11-28T10:05:22	4	0	1	1	0	1.0382	1.0368	-0.0014	0.9999	0.9999	0.0000
2023-11-28T10:06:24	1	0	2	2	0	1.0490	1.0484	-0.0006	-0.9874	-0.9874	0.0000
2023-11-28T10:06:47	1	0	2	2	0	1.0275	1.0273	-0.0002	0.9918	0.9918	0.0000
2023-11-28T10:06:54	2	0	161	155	6	0.9099	0.9099	0.0000	0.9584	0.9586	-0.0002
2023-11-28T10:09:14	1	0	1	1	0	0.9886	0.9889	0.0003	0.9805	0.9806	-0.0001
2023-11-28T10:09:36	2	0	13	12	1	0.9804	0.9802	-0.0002	0.9969	0.9969	0.0000
2023-11-28T10:10:38	1	0	9	9	0	0.9490	0.9490	0.0000	0.9593	0.9592	0.0001
2023-11-28T10:13:34	1	0	4	4	0	1.0412	1.0411	-0.0001	0.9804	0.9799	0.0005
2023-11-28T10:13:58	1	0	1	1	0	1.0577	1.0572	-0.0005	-0.9711	-0.9711	0.0000
2023-11-28T10:15:40	5	0	6	6	0	1.0278	1.0275	-0.0003	0.9815	0.9825	-0.0010
2023-11-28T10:15:59	1	0	3	3	0	1.0344	1.0342	-0.0002	0.9995	0.9994	0.0001
2023-11-28T10:16:17	1	0	1	0	1	1.0300	null	null	-0.9717	-0.9717	0.0000
2023-11-28T10:17:07	2	0	3	3	0	1.0337	1.0332	-0.0005	1	1	0.0000
2023-11-28T10:17:14	1	0	3	3	0	1.0303	1.0301	-0.0002	0.9822	0.9822	0.0000
2023-11-28T10:18:54	2	0	65	60	5	0.9413	0.9417	0.0003	-0.9996	-0.9996	0.0000
2023-11-28T10:18:54	3	0	6	6	0	1.0418	1.0416	-0.0002	0.9984	0.9984	0.0000
2023-11-28T10:19:41	1	0	8	8	0	1.0488	1.0488	0.0000	1	1	0.0000
2023-11-28T10:20:00	4	0	365	360	5	0.8622	0.8622	0.0000	0.8899	0.8902	-0.0003
2023-11-28T10:20:12	1	0	3	3	0	0.9690	0.9688	-0.0002	0.996	0.996	0.0000
2023-11-28T10:21:25	1	0	4	4	0	1.0208	1.0208	0.0001	-0.9959	-0.9959	0.0000
2023-11-28T10:21:32	1	0	65	65	0	0.9349	0.9350	0.0000	0.8465	0.846	0.0005
2023-11-28T10:25:38	3	0	42	42	0	0.9374	0.9382	0.0009	-0.997	-0.9962	-0.0008
2023-11-28T10:26:43	3	0	24	24	0	0.9927	0.9927	-0.0001	0.9736	0.9736	0.0000
2023-11-28T10:29:15	2	0	10	10	0	1.0456	1.0456	-0.0001	-0.9993	-0.9993	0.0000
2023-11-28T10:31:18	1	0	2	2	0	1.0412	1.0411	-0.0002	-0.9761	-0.9762	0.0001
2023-11-28T10:31:38	1	0	93	92	1	1.0551	1.0551	0.0000	0.9915	0.9916	-0.0001
2023-11-28T10:32:08	3	0	4	4	0	1.0394	1.0386	-0.0009	1	1	0.0000
2023-11-28T10:32:22	1	0	1	0	1	1.0553	null	null	0.9728	0.9728	0.0000
2023-11-28T10:34:42	4	0	8	8	0	1.0484	1.0481	-0.0004	0.9999	0.9998	0.0001
2023-11-28T10:34:59	1	0	11	10	1	1.0429	1.0429	-0.0001	0.999	0.9989	0.0001
2023-11-28T10:35:24	3	0	10	10	0	1.0466	1.0462	-0.0004	0.9998	0.9998	0.0000
2023-11-28T10:36:36	2	0	11	11	0	1.0492	1.0492	0.0000	-0.9983	-0.9983	0.0000
2023-11-28T10:36:49	1	0	2	2	0	1.0279	1.0277	-0.0001	0.9925	0.9925	0.0000
2023-11-28T10:40:14	2	0	7	7	0	1.0398	1.0396	-0.0002	-0.9995	-0.9996	0.0001
2023-11-28T10:40:39	3	0	70	70	0	0.9384	0.9385	0.0001	-0.9952	-0.9952	0.0000
2023-11-28T10:45:12	2	0	1	0	1	1.0565	null	null	0.9981	0.9981	0.0000
2023-11-28T10:48:42	1	0	5	5	0	1.0415	1.0415	0.0000	0.9962	0.9963	-0.0001
2023-11-28T10:48:56	5	0	71	62	9	0.9485	0.9490	0.0005	-0.9991	-0.9991	0.0000
2023-11-28T10:48:56	1	0	4	4	0	1.0382	1.0380	-0.0002	0.9982	0.9982	0.0000
2023-11-28T10:49:48	1	0	19	19	0	1.0519	1.0518	0.0000	0.9951	0.9948	0.0003
2023-11-28T10:49:59	1	0	3	3	0	1.0497	1.0496	-0.0001	0.9949	0.9947	0.0002
2023-11-28T10:50:22	1	0	5	5	0	0.9481	0.9487	0.0006	-0.9888	-0.9883	-0.0005
2023-11-28T10:50:27	1	0	1	1	0	1.0334	1.0331	-0.0003	1	1	0.0000
2023-11-28T10:55:40	2	0	43	44	-1	0.9405	0.9434	0.0030	-0.9953	-0.9951	-0.0002
2023-11-28T10:56:04	1	0	1	1	0	1.0591	1.0588	-0.0003	0.9965	0.9965	0.0000
2023-11-28T10:56:39	1	0	1	1	0	1.0564	1.0554	-0.0010	0.9993	0.9993	0.0000
2023-11-28T10:56:59	1	0	1	1	0	0.9423	0.9428	0.0005	-0.9998	-0.9998	0.0000
2023-11-28T10:58:14	2	0	136	134	2	1.0566	1.0566	0.0000	0.9801	0.9796	0.0005
2023-11-28T10:59:24	5	0	1	0	1	1.0566	null	null	0.9933	0.9934	-0.0001
2023-11-28T10:59:44	1	0	42	40	2	1.0562	1.0562	0.0000	0.983	0.9829	0.0001
2023-11-28T11:00:09	1	0	59	58	1	1.0491	1.0490	-0.0001	0.9993	0.9993	0.0000
2023-11-28T11:00:33	2	0	30	30	0	1.0489	1.0488	-0.0001	0.9985	0.9984	0.0001
2023-11-28T11:00:43	1	0	3	3	0	1.0013	1.0013	0.0000	0.9318	0.9304	0.0014
2023-11-28T11:02:10	3	0	10	10	0	1.0460	1.0457	-0.0003	0.9994	0.9994	0.0000
2023-11-28T11:02:24	1	0	1	1	0	1.0563	1.0555	-0.0008	0.9734	0.9733	0.0001
2023-11-28T11:03:44	1	0	1	1	0	1.0169	1.0165	-0.0004	0.9731	0.973	0.0001
2023-11-28T11:03:51	1	0	3	3	0	1.0161	1.0160	-0.0001	-0.9971	-0.9971	0.0000
2023-11-28T11:04:01	1	0	11	10	1	0.9653	0.9675	0.0022	-0.9988	-0.9988	0.0000
2023-11-28T11:05:03	3	0	249	248	1	0.9099	0.9057	-0.0042	0.8942	0.8928	0.0014
2023-11-28T11:05:26	3	0	11	11	0	1.0453	1.0450	-0.0002	0.9999	0.9999	0.0000
2023-11-28T11:05:50	2	0	6	6	0	1.0471	1.0468	-0.0003	-0.9759	-0.9764	0.0005
2023-11-28T11:07:41	2	0	2	2	0	1.0515	1.0512	-0.0003	0.9976	0.9975	0.0001
2023-11-28T11:09:25	1	0	2	2	0	1.0462	1.0458	-0.0003	0.9757	0.9751	0.0006
2023-11-28T11:09:43	2	0	3	3	0	1.0589	1.0582	-0.0007	-0.9993	-0.9994	0.0001
2023-11-28T11:10:07	2	0	9	9	0	0.9487	0.9490	0.0003	0.9716	0.9718	-0.0002
2023-11-28T11:11:39	1	0	2	2	0	0.9913	0.9909	-0.0003	0.9977	0.9975	0.0002
2023-11-28T11:11:41	1	0	1	1	0	1.0582	1.0577	-0.0005	0.9847	0.9846	0.0001
2023-11-28T11:14:45	1	0	93	90	3	1.0571	1.0571	0.0000	0.9812	0.9811	0.0001
2023-11-28T11:15:34	3	0	40	39	1	1.0496	1.0494	-0.0002	0.9992	0.9992	0.0000
2023-11-28T11:15:57	1	0	2	2	0	1.0042	1.0045	0.0003	0.9971	0.9971	0.0000
2023-11-28T11:16:23	2	0	3	3	0	1.0353	1.0347	-0.0006	0.9904	0.9902	0.0002
2023-11-28T11:17:14	3	0	4	0	4	1.0483	null	null	-0.9975	-0.9976	0.0001
2023-11-28T11:17:21	7	0	51	48	3	1.0526	1.0524	-0.0002	0.9901	0.99	0.0001
2023-11-28T11:17:51	2	0	15	13	2	1.0255	1.0290	0.0035	0.937	0.9369	0.0001
2023-11-28T11:17:55	1	0	1	1	0	0.9417	0.9419	0.0002	0.9446	0.9452	-0.0006
2023-11-28T11:18:21	1	0	1	2	-1	0.9438	0.9448	0.0011	0.99	0.9899	0.0001
2023-11-28T11:18:37	2	0	1	0	1	1.0571	null	null	0.9681	0.9677	0.0004
2023-11-28T11:18:41	12	0	8	6	2	0.9934	0.9763	-0.0171	-0.9967	-0.997	0.0003
2023-11-28T11:20:04	2	0	338	321	17	0.8611	0.8667	0.0056	0.8736	0.8745	-0.0009
2023-11-28T11:20:24	1	0	11	11	0	0.9486	0.9488	0.0002	0.9988	0.9989	-0.0001
2023-11-28T11:21:29	1	0	2	2	0	1.0238	1.0239	0.0001	-1	-1	0.0000

2023-11-28T11:23:09	1	0	122	121	1	1.0547	1.0547	0.0000	-0.9786	-0.9785	-0.0001
2023-11-28T11:25:43	1	0	2	2	0	1.0197	1.0196	-0.0002	0.9607	0.9606	0.0001
2023-11-28T11:28:16	2	0	192	190	2	1.0575	1.0574	0.0000	0.9834	0.9834	0.0000
2023-11-28T11:28:20	1	0	12	12	0	1.0469	1.0468	-0.0001	0.9936	0.9936	0.0000
2023-11-28T11:29:11	2	0	122	118	4	1.0571	1.0569	-0.0002	-1	-1	0.0000
2023-11-28T11:29:19	3	0	164	160	4	1.0562	1.0561	-0.0001	0.9981	0.9981	0.0000
2023-11-28T11:30:15	3	0	14	14	0	0.9419	0.9420	0.0000	0.9876	0.9876	0.0000
2023-11-28T11:31:55	1	0	39	38	1	1.0487	1.0485	-0.0002	-0.9751	-0.975	-0.0001
2023-11-28T11:32:05	1	0	15	15	0	1.0460	1.0459	0.0000	0.9925	0.9924	0.0001
2023-11-28T11:32:12	7	0	10	10	0	1.0470	1.0469	0.0000	0.9993	0.9993	0.0000
2023-11-28T11:33:22	2	0	68	34	34	0.9389	0.9419	0.0030	0.9905	0.9907	-0.0002
2023-11-28T11:35:05	2	0	180	180	0	0.9036	0.9036	0.0001	0.9037	0.9031	0.0006
2023-11-28T11:35:43	1	0	2	2	0	0.9787	0.9783	-0.0004	-0.9997	-0.9997	0.0000
2023-11-28T11:36:40	2	0	1	1	0	1.0611	1.0611	0.0000	-0.9957	-0.9968	0.0011
2023-11-28T11:38:08	4	0	1	0	1	1.0299	null	null	0.9973	0.9973	0.0000
2023-11-28T11:40:18	1	0	3	3	0	1.0357	1.0357	0.0000	-1	-1	0.0000
2023-11-28T11:40:44	1	0	10	10	0	0.9560	0.9559	0.0000	0.9524	0.9485	0.0039
2023-11-28T11:41:41	1	0	1	1	0	0.9446	0.9446	0.0000	0.995	0.995	0.0000
2023-11-28T11:42:21	3	0	1	2	-1	1.0354	1.0336	-0.0018	-0.9685	-0.9686	0.0001
2023-11-28T11:44:20	1	0	8	8	0	1.0488	1.0488	0.0000	-1	-1	0.0000
2023-11-28T11:44:27	4	0	5	6	-1	1.0510	1.0502	-0.0008	0.9941	0.9942	-0.0001
2023-11-28T11:44:35	1	0	1	0	1	1.0558	null	null	0.9787	0.9787	0.0000
2023-11-28T11:45:16	2	0	17	17	0	0.9397	0.9398	0.0001	0.986	0.9861	-0.0001
2023-11-28T11:45:44	2	0	3	4	-1	0.9622	0.9614	-0.0007	0.9908	0.9907	0.0001
2023-11-28T11:46:05	3	0	3	3	0	1.0235	1.0234	-0.0001	0.9983	0.9983	0.0000
2023-11-28T11:46:56	1	0	45	43	2	1.0489	1.0486	-0.0003	-0.9725	-0.9724	-0.0001
2023-11-28T11:48:23	2	0	1	3	-2	1.0364	0.9752	-0.0612	0.9905	0.9906	-0.0001
2023-11-28T11:49:02	5	0	4	5	-1	1.0394	1.0401	0.0006	0.998	0.9981	-0.0001
2023-11-28T11:50:09	2	0	5	6	-1	1.0532	1.0537	0.0006	-0.9127	-0.9122	-0.0005
2023-11-28T11:50:26	2	0	4	5	-1	0.9521	0.9503	-0.0017	-0.9887	-0.9889	0.0002
2023-11-28T11:51:41	2	0	2	2	0	1.0581	1.0581	0.0000	-0.9981	-0.9981	0.0000
2023-11-28T11:52:44	1	0	1	1	0	1.0569	1.0569	0.0000	0.9986	0.9986	0.0000
2023-11-28T11:53:11	2	0	129	128	1	1.0558	1.0558	0.0000	-0.9754	-0.9752	-0.0002
2023-11-28T11:55:19	1	0	1	1	0	1.0462	1.0462	0.0000	-0.9999	-0.9999	0.0000
2023-11-28T11:55:45	1	0	11	11	0	0.9655	0.9654	0.0000	0.9486	0.9487	-0.0001
2023-11-28T11:56:42	1	0	19	18	1	0.9392	0.9392	0.0000	0.9949	0.995	-0.0001
2023-11-28T11:56:51	1	0	5	4	1	1.0557	1.0540	-0.0017	0.9333	0.933	0.0003
2023-11-28T11:57:22	2	0	1	1	0	1.0384	1.0384	0.0000	-0.9678	-0.9651	-0.0027
2023-11-28T12:00:17	1	0	1	1	0	0.9354	0.9354	0.0000	0.9926	0.9926	0.0000
2023-11-28T12:03:24	1	0	6	6	0	0.9599	0.9599	0.0000	0.9902	0.9903	-0.0001
2023-11-28T12:05:10	2	0	9	11	-2	1.0550	1.0555	0.0005	-0.9154	-0.9147	-0.0007
2023-11-28T12:06:42	1	0	2	2	0	1.0563	1.0563	0.0000	-0.9987	-0.9987	0.0000
2023-11-28T12:07:45	1	0	1	1	0	1.0581	1.0581	0.0000	0.999	0.999	0.0000
2023-11-28T12:10:45	5	0	30	30	0	0.9412	0.9414	0.0002	-0.9937	-0.9938	0.0001
2023-11-28T12:10:46	1	0	9	9	0	0.9477	0.9477	0.0000	0.9538	0.9539	-0.0001
2023-11-28T12:18:30	2	0	3	2	1	1.0488	1.0444	-0.0044	0.9723	0.9722	0.0001
2023-11-28T12:18:45	4	0	517	511	6	1.0718	1.0717	-0.0001	-0.9647	-0.9652	0.0005
2023-11-28T12:26:44	1	0	2	2	0	0.9423	0.9423	0.0000	0.9988	0.9988	0.0000
2023-11-28T12:28:54	1	0	204	204	0	1.0661	1.0655	-0.0006	0.9933	0.9933	0.0000
2023-11-28T12:29:30	3	0	5	6	-1	1.0518	1.0510	-0.0008	0.994	0.9943	-0.0003
2023-11-28T12:30:15	1	0	82	81	1	1.0498	1.0497	-0.0001	0.9995	0.9995	0.0000
2023-11-28T12:35:26	1	0	3	2	1	0.9490	0.9517	0.0027	0.9839	0.984	-0.0001
2023-11-28T12:45:48	1	0	2	3	-1	0.9531	0.9551	0.0020	0.994	0.994	0.0000
2023-11-28T12:48:27	1	0	8	8	0	0.9485	0.9491	0.0006	0.9889	0.989	-0.0001
2023-11-28T12:50:48	1	0	2	2	0	0.9871	0.9870	-0.0002	-0.9998	-0.9998	0.0000
2023-11-28T12:53:15	4	0	136	135	1	1.0561	1.0560	0.0000	-0.9777	-0.9776	-0.0001
2023-11-28T12:59:32	5	0	43	42	1	0.9394	0.9406	0.0013	0.9938	0.9939	-0.0001
2023-11-28T13:03:09	1	0	4	4	0	1.0545	1.0540	-0.0005	0.9761	0.9761	0.0000
2023-11-28T13:15:18	1	0	87	86	1	1.0505	1.0504	-0.0001	0.9989	0.9989	0.0000
2023-11-28T13:18:29	1	0	6	6	0	0.9444	0.9444	0.0000	0.9884	0.9885	-0.0001
2023-11-28T13:19:08	2	0	2	2	0	1.0387	1.0387	0.0000	0.9976	0.9976	0.0000
2023-11-28T13:20:12	1	0	374	373	1	0.8593	0.8593	0.0000	0.872	0.8721	-0.0001
2023-11-28T13:22:02	1	0	4	5	-1	1.0122	1.0214	0.0092	0.9917	0.9918	-0.0001
2023-11-28T13:28:59	1	0	132	126	6	1.0597	1.0596	-0.0001	0.9941	0.994	0.0001
2023-11-28T13:32:13	1	0	8	9	-1	1.0354	1.0335	-0.0019	0.9933	0.9933	0.0000
2023-11-28T13:53:19	1	0	127	124	3	1.0546	1.0546	0.0000	-0.9826	-0.9826	0.0000
2023-11-28T14:00:21	1	0	136	135	1	1.0528	1.0528	0.0000	0.9995	0.9995	0.0000
2023-11-28T14:04:13	7	0	9	12	-3	0.9670	0.9612	-0.0058	-0.9997	-0.9997	0.0000
2023-11-28T14:05:12	1	0	2	2	0	1.0213	1.0213	0.0000	0.9835	0.9835	0.0000
2023-11-28T14:05:53	2	0	1	1	0	0.9433	0.9433	0.0000	-0.9999	-0.9998	-0.0001
2023-11-28T14:08:20	1	0	148	147	1	1.0564	1.0564	0.0000	-0.9813	-0.9812	-0.0001
2023-11-28T14:09:37	2	0	4	5	-1	1.0445	1.0447	0.0002	0.9866	0.9868	-0.0002
2023-11-28T14:12:38	1	0	2	3	-1	1.0479	1.0469	-0.0010	0.9951	0.9952	-0.0001
2023-11-28T14:13:13	1	0	1	0	1	1.0558	null	null	0.9997	0.9997	0.0000
2023-11-28T14:14:02	1	0	219	218	1	1.0634	1.0634	0.0000	0.995	0.995	0.0000
2023-11-28T14:15:22	1	0	138	138	0	1.0532	1.0532	0.0000	0.9996	0.9996	0.0000
2023-11-28T14:15:46	1	0	9	10	-1	1.0471	1.0469	-0.0002	1	1	0.0000
2023-11-28T14:16:35	2	0	7	8	-1	1.0452	1.0453	0.0001	0.9928	0.9928	0.0000
2023-11-28T14:17:23	7	0	23	22	1	1.0485	1.0481	-0.0004	-1	-1	0.0000
2023-11-28T14:17:30	2	0	3	3	0	1.0000	1.0000	0.0000	0.9845	0.9845	0.0000
2023-11-28T14:19:12	1	0	5	5	0	1.0406	1.0406	0.0000	0.9981	0.9981	0.0000
2023-11-28T14:20:36	1	0	28	28	0	0.9448	0.9449	0.0001	-0.9953	-0.9952	-0.0001
2023-11-28T14:22:56	1	0	1	1	0	0.9436	0.9446	0.0010	0.9737	0.9739	-0.0002
2023-11-28T14:24:38	1	0	4	4	0	1.0498	1.0497	-0.0001	0.9868	0.9867	0.0001
2023-11-28T14:25:54	3	0	35	34	1	0.9402	0.9401	-0.0001	-0.991	-0.9909	-0.0001

2023-11-28T14:27:39	1	0	4	4	0	1.0498	1.0498	0.0000	0.9957	0.9956	0.0001
2023-11-28T14:29:03	1	0	218	218	0	1.0654	1.0654	0.0000	0.9948	0.9948	0.0000
2023-11-28T14:29:28	4	0	5	5	0	0.9957	0.9958	0.0001	0.9999	0.9999	0.0000
2023-11-28T14:29:38	1	0	44	43	1	0.9434	0.9383	-0.0051	0.9942	0.9943	-0.0001
2023-11-28T14:30:27	5	0	2	2	0	1.0067	1.0057	-0.0010	0.9993	0.9992	0.0001
2023-11-28T14:30:47	1	0	5	5	0	1.0484	1.0482	-0.0002	1	1	0.0000
2023-11-28T14:31:48	2	0	1	1	0	0.9423	0.9428	0.0005	0.9989	0.999	-0.0001
2023-11-28T14:32:24	7	0	21	20	1	1.0499	1.0495	-0.0004	0.9999	0.9999	0.0000
2023-11-28T14:32:31	1	0	3	3	0	0.9917	0.9917	0.0000	0.9853	0.9854	-0.0001
2023-11-28T14:33:54	2	0	2	2	0	1.0377	1.0376	-0.0001	-0.9971	-0.9971	0.0000
2023-11-28T14:35:17	2	0	195	195	0	0.9113	0.9114	0.0001	0.9119	0.9118	0.0001
2023-11-28T14:36:42	1	0	3	3	0	1.0277	1.0277	0.0000	0.9997	0.9997	0.0000
2023-11-28T14:39:39	1	0	3	3	0	1.0460	1.0460	0.0000	0.9891	0.989	0.0001
2023-11-28T14:40:55	5	0	76	76	0	0.9392	0.9392	0.0000	-0.9926	-0.9926	0.0000
2023-11-28T14:43:29	1	0	202	202	0	1.0579	1.0579	0.0000	0.9822	0.9822	0.0000
2023-11-28T14:44:29	3	0	4	4	0	0.9950	0.9951	0.0001	1	1	0.0000
2023-11-28T14:44:39	2	0	15	15	0	0.9425	0.9426	0.0001	0.9939	0.994	-0.0001
2023-11-28T14:45:28	3	0	3	3	0	0.9796	0.9795	0.0000	0.9977	0.9977	0.0000
2023-11-28T14:45:48	1	0	3	3	0	1.0497	1.0496	0.0000	1	1	0.0000
2023-11-28T14:46:17	1	0	2	2	0	1.0286	1.0285	-0.0001	0.9974	0.9974	0.0000
2023-11-28T14:47:32	1	0	4	4	0	1.0049	1.0049	0.0000	0.9864	0.9865	-0.0001
2023-11-28T14:48:51	1	0	1	1	0	1.0579	1.0578	-0.0001	0.969	0.969	0.0000
2023-11-28T14:50:04	1	0	85	84	1	1.0568	1.0559	-0.0009	-0.9957	-0.9963	0.0006
2023-11-28T14:50:21	1	0	13	11	2	1.0570	1.0567	-0.0003	-0.9184	-0.9184	0.0000
2023-11-28T14:54:40	1	0	4	4	0	1.0452	1.0452	0.0000	0.9901	0.99	0.0001
2023-11-28T14:55:09	1	0	5	5	0	1.0056	1.0055	-0.0001	-0.9989	-0.9989	0.0000
2023-11-28T14:55:31	1	0	6	6	0	1.0383	1.0383	0.0000	-0.9995	-0.9995	0.0000
2023-11-28T14:58:30	1	0	318	315	3	1.0586	1.0586	0.0000	0.9827	0.9827	0.0000
2023-11-28T14:58:53	1	0	2	2	0	1.0403	1.0401	-0.0002	0.9791	0.979	0.0001
2023-11-28T15:05:39	1	0	14	14	0	0.9475	0.9475	0.0000	-0.997	-0.997	0.0000
2023-11-28T15:09:57	2	0	24	24	0	0.9547	0.9547	0.0000	0.9881	0.9882	-0.0001
2023-11-28T15:11:55	3	0	13	13	0	0.9681	0.9609	-0.0072	0.9974	0.9973	0.0001
2023-11-28T15:20:40	1	0	2	2	0	0.9468	0.9468	0.0000	-0.998	-0.998	0.0000
2023-11-28T15:21:55	2	0	27	25	2	1.0522	1.0519	-0.0003	-0.9948	-0.9948	0.0000
2023-11-28T15:29:32	2	0	9	9	0	0.9682	0.9683	0.0000	0.9999	0.9999	0.0000
2023-11-28T15:38:08	2	0	1	1	0	0.9537	0.9553	0.0016	0.9794	0.9794	0.0000
2023-11-28T15:46:21	1	0	2	2	0	1.0090	1.0089	-0.0001	0.9971	0.9971	0.0000
2023-11-28T15:46:39	1	0	1	1	0	0.9941	0.9946	0.0005	-0.986	-0.9859	-0.0001
2023-11-28T15:47:43	1	0	2	2	0	1.0153	1.0154	0.0001	0.985	0.985	0.0000
2023-11-28T15:50:39	2	0	30	16	14	0.9430	0.9442	0.0012	0.9784	0.9787	-0.0003
2023-11-28T15:55:50	1	0	3	3	0	1.0186	1.0186	-0.0001	0.9938	0.9937	0.0001
2023-11-28T16:05:46	10	0	5	5	0	1.0250	1.0257	0.0007	0.9995	0.9996	-0.0001
2023-11-28T16:07:13	1	0	33	33	0	1.0492	1.0492	0.0000	0.9909	0.9909	0.0000
2023-11-28T16:10:51	1	0	4	4	0	1.0054	1.0055	0.0001	0.9915	0.9915	0.0000
2023-11-28T16:16:01	1	0	2	2	0	0.9615	0.9618	0.0004	0.9991	0.9991	0.0000
2023-11-28T16:16:48	1	0	3	3	0	0.9394	0.9399	0.0005	0.9938	0.9938	0.0000
2023-11-28T16:44:37	1	0	123	123	0	0.9455	0.9455	0.0000	0.999	0.999	0.0000
2023-11-28T16:46:08	2	0	73	68	5	0.9423	0.9507	0.0085	0.989	0.989	0.0000
2023-11-28T17:14:27	2	0	31	29	2	0.9445	0.9446	0.0002	-0.9803	-0.9797	-0.0006
2023-11-28T17:48:26	1	0	450	449	1	0.8901	0.8901	0.0000	0.9919	0.9921	-0.0002
2023-11-28T18:20:52	1	0	64	64	0	0.9418	0.9418	0.0000	-0.9665	-0.9657	-0.0008
2023-11-28T18:26:34	2	0	118	117	1	0.9445	0.9446	0.0000	0.9814	0.9814	0.0000
2023-11-29T07:50:05	1	0	98	97	1	0.9382	0.9384	0.0001	0.9824	0.9823	0.0001
2023-11-29T07:51:47	1	0	125	125	0	0.8922	0.8922	0.0001	0.9713	0.9712	0.0001
2023-11-29T07:59:03	2	0	25	24	1	1.0543	1.0542	-0.0001	-0.9666	-0.966	-0.0006
2023-11-29T08:03:45	4	0	157	157	0	0.9392	0.9392	0.0000	-0.998	-0.998	0.0000
2023-11-29T08:05:13	2	0	13	13	0	0.9426	0.9427	0.0002	-0.9713	-0.9703	-0.0010
2023-11-29T08:06:48	1	0	191	192	-1	0.8942	0.9062	0.0120	0.9692	0.9692	0.0000
2023-11-29T08:08:15	1	0	146	142	4	1.0589	1.0585	-0.0004	0.9912	0.9912	0.0000
2023-11-29T08:09:26	1	0	5	5	0	1.0427	1.0427	0.0000	-0.9923	-0.9923	0.0000
2023-11-29T08:09:32	2	0	48	48	0	0.9483	0.9483	0.0000	0.9961	0.9961	0.0000
2023-11-29T08:11:01	1	0	22	21	1	0.9635	0.9644	0.0010	0.9997	0.9997	0.0000
2023-11-29T08:18:09	1	0	104	104	0	0.9349	0.9350	0.0001	0.9808	0.9807	0.0001
2023-11-29T08:21:42	1	0	80	80	0	0.9404	0.9405	0.0001	0.9943	0.9943	0.0000
2023-11-29T08:24:33	1	0	69	61	8	0.9313	0.9314	0.0002	0.9964	0.9964	0.0000
2023-11-29T08:26:29	1	0	55	54	1	0.9320	0.9308	-0.0012	0.9884	0.9884	0.0000
2023-11-29T08:29:18	1	0	8	8	0	1.0491	1.0491	0.0000	0.995	0.9951	-0.0001
2023-11-29T08:40:19	1	0	135	132	3	0.9832	0.9833	0.0001	0.9967	0.9967	0.0000
2023-11-29T08:48:48	5	0	133	132	1	0.9425	0.9426	0.0001	-0.9997	-0.9997	0.0000
2023-11-29T08:50:16	2	0	130	126	4	0.9399	0.9399	0.0000	-0.9974	-0.9974	0.0000
2023-11-29T08:54:35	2	0	42	42	0	0.9222	0.9222	0.0000	0.9966	0.9966	0.0000
2023-11-29T08:55:33	1	0	98	97	1	0.9332	0.9333	0.0001	-0.9943	-0.9939	-0.0004
2023-11-29T09:01:56	3	0	8	8	0	1.0468	1.0468	0.0000	0.9869	0.987	-0.0001
2023-11-29T09:02:22	1	0	1	1	0	1.0348	1.0348	0.0000	-0.9896	-0.9895	-0.0001
2023-11-29T09:03:12	1	0	74	64	10	0.9399	0.9402	0.0002	0.9831	0.9835	-0.0004
2023-11-29T09:03:49	2	0	81	81	0	0.9475	0.9476	0.0001	-0.9994	-0.9994	0.0000
2023-11-29T09:06:45	1	0	3	3	0	0.9921	0.9922	0.0001	0.9942	0.9943	-0.0001
2023-11-29T09:06:52	2	0	147	147	0	0.9058	0.9063	0.0004	0.9623	0.9622	0.0001
2023-11-29T09:08:19	1	0	209	206	3	1.0647	1.0645	-0.0002	0.9931	0.9931	0.0000
2023-11-29T09:09:36	2	0	41	41	0	0.9455	0.9458	0.0003	0.9975	0.9975	0.0000
2023-11-29T09:11:05	1	0	59	58	1	0.9493	0.9496	0.0003	0.9997	0.9997	0.0000
2023-11-29T09:12:27	1	0	80	80	0	1.1490	1.1483	-0.0006	-0.9887	-0.9887	0.0000
2023-11-29T09:13:10	1	0	231	231	0	1.0588	1.0587	0.0000	0.9887	0.9886	0.0001
2023-11-29T09:13:55	2	0	38	37	1	0.9394	0.9424	0.0030	-0.9834	-0.9832	-0.0002
2023-11-29T09:14:08	2	0	133	129	4	1.0613	1.0610	-0.0003	-0.9739	-0.9739	0.0000

2023-11-29T09:14:21	1	0	9	9	0	1.0495	1.0494	0.0000	0.994	0.9939	0.0001
2023-11-29T09:15:38	8	0	68	62	6	0.9510	0.9520	0.0010	0.9899	0.9903	-0.0004
2023-11-29T09:16:33	1	0	128	127	1	1.0553	1.0553	0.0000	0.9937	0.9937	0.0000
2023-11-29T09:18:13	1	0	90	90	0	0.9398	0.9399	0.0002	0.9876	0.9874	0.0002
2023-11-29T09:20:18	2	0	1	1	0	0.9433	0.9440	0.0007	-0.9687	-0.9683	-0.0004
2023-11-29T09:23:20	3	0	183	179	4	1.0605	1.0604	-0.0002	0.9933	0.9932	0.0001
2023-11-29T09:24:19	3	0	5	5	0	1.0029	1.0030	0.0001	0.9798	0.9797	0.0001
2023-11-29T09:24:37	1	0	26	26	0	0.9397	0.9396	-0.0001	0.9961	0.9961	0.0000
2023-11-29T09:28:37	1	0	1	1	0	1.0355	1.0348	-0.0007	-0.9915	-0.9915	0.0000
2023-11-29T09:29:40	1	0	17	16	1	1.0524	1.0522	-0.0002	0.9881	0.9881	0.0000
2023-11-29T09:30:37	2	0	4	4	0	1.0151	1.0154	0.0002	0.9962	0.9962	0.0000
2023-11-29T09:35:20	4	0	21	20	1	1.0525	1.0520	-0.0005	0.9999	0.9999	0.0000
2023-11-29T09:36:47	3	0	7	7	0	0.9654	0.9654	0.0000	0.9947	0.9947	0.0000
2023-11-29T09:45:10	3	0	2	2	0	0.9684	0.9673	-0.0011	0.9971	0.9971	0.0000
2023-11-29T09:45:40	1	0	70	70	0	0.9470	0.9472	0.0002	0.9899	0.9898	0.0001
2023-11-29T09:45:58	5	0	6	6	0	1.0287	1.0286	-0.0001	0.9997	0.9997	0.0000
2023-11-29T09:49:57	2	0	4	4	0	1.0307	1.0306	-0.0001	0.9967	0.9966	0.0001
2023-11-29T09:53:23	2	0	286	284	2	1.0738	1.0738	0.0000	0.9928	0.9928	0.0000
2023-11-29T09:54:39	1	0	2	1	1	1.0554	1.0553	-0.0001	-0.9984	-0.9984	0.0000
2023-11-29T09:55:24	1	0	36	36	0	1.0478	1.0478	0.0000	0.9967	0.9967	0.0000
2023-11-29T09:55:37	5	0	133	129	4	0.9225	0.9227	0.0002	-0.9981	-0.9977	-0.0004
2023-11-29T09:55:39	1	0	1	1	0	1.0120	1.0117	-0.0003	0.9599	0.9598	0.0001
2023-11-29T09:58:35	1	0	1	0	1	1.0450	null	null	0.9713	0.9712	0.0001
2023-11-29T10:00:41	1	0	69	70	-1	0.9472	0.9473	0.0000	0.9898	0.9897	0.0001
2023-11-29T10:01:18	1	0	3	3	0	1.0208	1.0209	0.0001	-0.9851	-0.9851	0.0000
2023-11-29T10:02:00	1	0	15	15	0	1.0433	1.0432	-0.0001	0.9901	0.99	0.0001
2023-11-29T10:02:08	3	0	5	5	0	1.0415	1.0407	-0.0007	0.9996	0.9996	0.0000
2023-11-29T10:02:16	1	0	1	1	0	1.0388	1.0386	-0.0002	0.9711	0.9711	0.0000
2023-11-29T10:02:50	2	0	122	120	2	0.9417	0.9420	0.0003	0.9567	0.9567	0.0000
2023-11-29T10:05:01	2	0	18	11	7	0.9388	0.9356	-0.0031	0.9524	0.9527	-0.0003
2023-11-29T10:05:02	2	0	2	0	2	1.0453	null	null	-0.9409	-0.9413	0.0004
2023-11-29T10:06:56	2	0	108	106	2	0.9113	0.9114	0.0001	0.9691	0.9685	0.0006
2023-11-29T10:08:04	4	0	4	4	0	1.0278	1.0274	-0.0004	0.996	0.996	0.0000
2023-11-29T10:08:21	5	0	90	87	3	0.9208	0.9219	0.0011	0.9921	0.9923	-0.0002
2023-11-29T10:09:14	1	0	1	1	0	0.9966	0.9969	0.0003	0.9947	0.9947	0.0000
2023-11-29T10:09:40	1	0	3	2	1	1.0539	1.0522	-0.0017	-0.9999	-0.9999	0.0000
2023-11-29T10:10:38	2	0	129	127	2	0.9207	0.9208	0.0000	-0.9989	-0.9988	-0.0001
2023-11-29T10:11:55	1	0	4	4	0	0.9414	0.9417	0.0003	1	1	0.0000
2023-11-29T10:12:29	3	0	36	35	1	1.0503	1.0501	-0.0001	-0.9992	-0.9992	0.0000
2023-11-29T10:14:02	1	0	9	9	0	0.9535	0.9535	0.0000	-0.9808	-0.9808	0.0000
2023-11-29T10:14:25	3	0	41	36	5	0.9735	0.9743	0.0008	0.9941	0.9943	-0.0002
2023-11-29T10:15:30	1	0	28	27	1	1.0492	1.0493	0.0001	0.999	0.9989	0.0001
2023-11-29T10:16:00	1	0	4	4	0	1.0280	1.0279	-0.0001	0.9965	0.9965	0.0000
2023-11-29T10:16:19	1	0	5	5	0	1.0440	1.0438	-0.0002	-0.9809	-0.981	0.0001
2023-11-29T10:17:09	2	0	27	25	2	1.0479	1.0474	-0.0005	0.9993	0.9993	0.0000
2023-11-29T10:18:31	1	0	1	0	1	1.0550	null	null	0.9501	0.9501	0.0000
2023-11-29T10:18:39	7	0	3	2	1	0.9741	0.9892	0.0151	-0.9982	-0.9983	0.0001
2023-11-29T10:20:02	2	0	6	6	0	0.9551	0.9556	0.0004	0.9761	0.9763	-0.0002
2023-11-29T10:20:23	3	0	20	18	2	1.0537	1.0533	-0.0004	0.9999	0.9999	0.0000
2023-11-29T10:21:50	1	0	4	4	0	0.9833	0.9832	-0.0001	0.9929	0.9929	0.0000
2023-11-29T10:23:07	6	0	203	198	5	1.0577	1.0576	-0.0001	-0.9779	-0.9779	0.0000
2023-11-29T10:23:24	3	0	55	55	0	0.9866	0.9866	0.0000	0.9685	0.9685	0.0000
2023-11-29T10:24:41	1	0	14	14	0	0.9794	0.9793	-0.0001	0.9969	0.9969	0.0000
2023-11-29T10:28:15	1	0	149	145	4	1.0573	1.0570	-0.0002	0.9802	0.98	0.0002
2023-11-29T10:28:38	1	0	77	77	0	0.9426	0.9426	0.0000	0.9924	0.9924	0.0000
2023-11-29T10:29:26	5	0	20	16	4	1.0519	1.0504	-0.0015	0.9946	0.9943	0.0003
2023-11-29T10:29:35	1	0	4	4	0	1.0341	1.0340	-0.0001	0.9988	0.9988	0.0000
2023-11-29T10:30:14	2	0	1	0	1	1.0589	null	null	0.9942	0.9942	0.0000
2023-11-29T10:30:20	1	0	28	27	1	1.0493	1.0491	-0.0002	0.9909	0.9909	0.0000
2023-11-29T10:31:29	1	0	3	3	0	1.0283	1.0281	-0.0002	0.9951	0.9951	0.0000
2023-11-29T10:32:21	7	0	67	62	5	1.0540	1.0538	-0.0002	0.983	0.9829	0.0001
2023-11-29T10:33:40	7	0	3	3	0	1.0428	1.0423	-0.0005	-0.9969	-0.997	0.0001
2023-11-29T10:33:55	2	0	7	7	0	0.9916	0.9917	0.0001	1	1	0.0000
2023-11-29T10:34:44	4	0	4	4	0	1.0487	1.0479	-0.0008	0.9979	0.9978	0.0001
2023-11-29T10:36:28	1	0	2	2	0	1.0427	1.0421	-0.0007	-0.9965	-0.9966	0.0001
2023-11-29T10:36:51	1	0	3	3	0	0.9943	0.9942	-0.0001	0.9919	0.9919	0.0000
2023-11-29T10:38:08	4	0	151	149	2	1.0571	1.0570	-0.0001	-0.9853	-0.9853	0.0000
2023-11-29T10:40:16	1	0	3	4	-1	1.0408	1.0373	-0.0036	-0.9999	-0.9999	0.0000
2023-11-29T10:40:40	1	0	108	108	0	0.9261	0.9264	0.0003	-0.9976	-0.9975	-0.0001
2023-11-29T10:40:51	1	0	1	1	0	1.0308	1.0304	-0.0004	0.9935	0.9934	0.0001
2023-11-29T10:41:42	1	0	2	2	0	1.0525	1.0520	-0.0005	-0.9988	-0.9988	0.0000
2023-11-29T10:43:16	1	0	1	1	0	1.0213	1.0208	-0.0005	0.9717	0.9715	0.0002
2023-11-29T10:44:27	1	0	20	20	0	1.0527	1.0527	0.0000	0.9941	0.9941	0.0000
2023-11-29T10:44:45	2	0	28	27	1	1.0558	1.0557	-0.0001	0.9897	0.9897	0.0000
2023-11-29T10:45:15	1	0	2	0	2	1.0398	null	null	0.9941	0.994	0.0001
2023-11-29T10:45:21	1	0	47	45	2	1.0495	1.0492	-0.0003	0.9915	0.9915	0.0000
2023-11-29T10:47:23	1	0	1	1	0	1.0570	1.0560	-0.0010	0.9736	0.9735	0.0001
2023-11-29T10:48:41	1	0	2	2	0	1.0390	1.0388	-0.0002	0.9943	0.9943	0.0000
2023-11-29T10:48:53	1	0	7	7	0	1.0309	1.0308	0.0000	-0.9998	-0.9998	0.0000
2023-11-29T10:48:56	1	0	6	6	0	1.0208	1.0208	-0.0001	1	1	0.0000
2023-11-29T10:48:58	1	0	2	2	0	1.0350	1.0347	-0.0003	0.9956	0.9956	0.0000
2023-11-29T10:49:50	1	0	25	25	0	1.0547	1.0547	0.0000	0.9974	0.9972	0.0002
2023-11-29T10:50:02	1	0	3	3	0	1.0501	1.0500	-0.0001	0.9958	0.9956	0.0002
2023-11-29T10:50:04	1	0	41	39	2	0.9385	0.9387	0.0002	0.9474	0.9475	-0.0001
2023-11-29T10:50:05	1	0	3	3	0	1.0500	1.0499	-0.0001	-0.9259	-0.9258	-0.0001

2023-11-29T10:50:29	1	0	16	16	0	1.0442	1.0441	-0.0001	0.998	0.998	0.0000
2023-11-29T10:50:51	2	0	3	3	0	1.0494	1.0491	-0.0003	-0.9956	-0.9958	0.0002
2023-11-29T10:53:27	2	0	228	225	3	1.0647	1.0646	0.0000	0.9921	0.9919	0.0002
2023-11-29T10:54:43	1	0	3	3	0	1.0603	1.0601	-0.0002	-0.997	-0.9979	0.0009
2023-11-29T10:55:17	1	0	3	3	0	1.0350	1.0349	-0.0001	-0.9997	-0.9998	0.0001
2023-11-29T10:58:17	1	0	157	155	2	1.0569	1.0569	0.0000	0.981	0.9809	0.0001
2023-11-29T10:59:28	1	0	8	8	0	1.0493	1.0493	0.0000	0.9948	0.9948	0.0000
2023-11-29T10:59:34	1	0	10	10	0	1.0463	1.0463	0.0000	1	1	0.0000
2023-11-29T11:00:16	1	0	1	1	0	1.0226	1.0223	-0.0003	0.9949	0.9949	0.0000
2023-11-29T11:00:33	1	0	11	11	0	1.0473	1.0472	-0.0001	0.9998	0.9998	0.0000
2023-11-29T11:02:12	4	0	25	23	2	1.0482	1.0477	-0.0005	0.9986	0.9986	0.0000
2023-11-29T11:03:14	1	0	1	1	0	0.9687	0.9693	0.0006	0.994	0.9939	0.0001
2023-11-29T11:03:34	1	0	1	1	0	1.0582	1.0578	-0.0004	0.9538	0.9537	0.0001
2023-11-29T11:03:42	2	0	7	6	1	1.0465	1.0464	-0.0001	-0.9957	-0.9958	0.0001
2023-11-29T11:04:46	1	0	10	10	0	1.0497	1.0497	0.0000	0.9998	0.9998	0.0000
2023-11-29T11:05:26	9	0	45	41	4	1.0560	1.0560	0.0000	1	0.9999	0.0001
2023-11-29T11:07:43	1	0	1	1	0	1.0555	1.0551	-0.0004	0.9895	0.9894	0.0001
2023-11-29T11:09:01	3	0	1	0	1	1.0550	null	null	-0.9992	-0.9992	0.0000
2023-11-29T11:09:44	2	0	7	7	0	0.9980	0.9977	-0.0003	0.9953	0.9959	-0.0006
2023-11-29T11:10:42	3	0	113	112	1	0.9279	0.9282	0.0003	-0.9966	-0.9966	0.0000
2023-11-29T11:13:40	2	0	7	7	0	1.0458	1.0458	-0.0001	0.974	0.9732	0.0008
2023-11-29T11:14:29	1	0	7	7	0	1.0497	1.0497	0.0000	0.9945	0.9946	-0.0001
2023-11-29T11:14:47	2	0	37	33	4	1.0561	1.0561	0.0000	0.9897	0.9895	0.0002
2023-11-29T11:15:16	5	0	3	3	0	0.9826	0.9818	-0.0008	0.9978	0.9977	0.0001
2023-11-29T11:16:32	5	0	7	7	0	1.0264	1.0260	-0.0005	0.9937	0.9936	0.0001
2023-11-29T11:16:58	1	0	45	44	1	1.0494	1.0492	-0.0001	-0.9829	-0.9828	-0.0001
2023-11-29T11:17:24	6	0	50	49	1	1.0534	1.0533	-0.0001	0.9835	0.9835	0.0000
2023-11-29T11:18:00	1	0	1	1	0	1.0577	1.0573	-0.0004	0.9331	0.933	0.0001
2023-11-29T11:18:47	1	0	1	1	0	1.0178	1.0174	-0.0004	0.9944	0.9943	0.0001
2023-11-29T11:18:59	1	0	4	4	0	0.9951	0.9953	0.0002	-1	-1	0.0000
2023-11-29T11:19:03	2	0	4	4	0	1.0428	1.0424	-0.0004	0.9962	0.9962	0.0000
2023-11-29T11:20:06	1	0	4	4	0	1.0064	1.0061	-0.0003	0.9754	0.9752	0.0002
2023-11-29T11:21:42	2	0	12	11	1	1.0502	1.0497	-0.0005	-0.9956	-0.9957	0.0001
2023-11-29T11:24:45	1	0	27	26	1	0.9723	0.9724	0.0001	0.9934	0.9934	0.0000
2023-11-29T11:28:41	2	0	6	6	0	1.0491	1.0489	-0.0002	0.976	0.9759	0.0001
2023-11-29T11:29:36	1	0	12	12	0	1.0463	1.0463	0.0000	-1	-1	0.0000
2023-11-29T11:29:48	1	0	40	39	1	1.0557	1.0558	0.0000	0.9895	0.9895	0.0000
2023-11-29T11:30:18	1	0	1	0	1	1.0575	null	null	0.9948	0.9948	0.0000
2023-11-29T11:31:06	6	0	2	3	-1	1.0232	1.0153	-0.0078	0.9968	0.9968	0.0000
2023-11-29T11:33:44	1	0	2	2	0	1.0408	1.0408	0.0000	0.9938	0.9939	-0.0001
2023-11-29T11:36:43	1	0	19	19	0	1.0503	1.0503	0.0000	-0.9941	-0.9941	0.0000
2023-11-29T11:38:10	5	0	1	1	0	1.0280	1.0280	0.0000	0.9957	0.9958	-0.0001
2023-11-29T11:40:09	1	0	1	1	0	1.0365	1.0361	-0.0004	0.992	0.9919	0.0001
2023-11-29T11:40:20	1	0	2	2	0	1.0470	1.0470	0.0000	-0.9995	-0.9995	0.0000
2023-11-29T11:41:11	3	0	4	4	0	0.9906	0.9914	0.0008	0.9901	0.9902	-0.0001
2023-11-29T11:43:42	2	0	1	2	-1	1.0556	1.0503	-0.0053	0.9681	0.9681	0.0000
2023-11-29T11:43:46	3	0	2	2	0	1.0295	1.0277	-0.0018	-0.9957	-0.9958	0.0001
2023-11-29T11:44:08	3	0	3	4	-1	0.9847	0.9746	-0.0102	-0.9675	-0.9676	0.0001
2023-11-29T11:46:43	1	0	109	109	0	1.0559	1.0560	0.0000	0.9901	0.9902	-0.0001
2023-11-29T11:48:23	1	0	5	6	-1	0.9439	0.9440	0.0001	0.9826	0.9829	-0.0003
2023-11-29T11:48:37	4	0	4	3	1	0.9518	0.9508	-0.0009	0.94	0.9405	-0.0005
2023-11-29T11:49:49	3	0	8	9	-1	1.0483	1.0492	0.0009	0.9997	0.9997	0.0000
2023-11-29T11:50:05	2	0	3	3	0	1.0349	1.0349	0.0000	0.998	0.998	0.0000
2023-11-29T11:55:10	3	0	1	1	0	1.0286	1.0280	-0.0006	0.9871	0.9871	0.0000
2023-11-29T11:56:49	1	0	15	14	1	1.0549	1.0549	0.0000	0.9997	0.9997	0.0000
2023-11-29T11:56:53	1	0	4	3	1	1.0524	1.0498	-0.0026	0.9364	0.9362	0.0002
2023-11-29T12:00:26	1	0	33	32	1	1.0498	1.0496	-0.0002	0.9913	0.9913	0.0000
2023-11-29T12:01:44	1	0	61	61	0	1.0547	1.0547	0.0000	0.9891	0.9892	-0.0001
2023-11-29T12:03:24	1	0	1	1	0	1.0259	1.0258	-0.0001	0.9828	0.983	-0.0002
2023-11-29T12:03:46	1	0	2	2	0	1.0465	1.0465	0.0000	0.9945	0.9946	-0.0001
2023-11-29T12:04:50	2	0	8	10	-2	1.0488	1.0497	0.0009	0.9998	0.9998	0.0000
2023-11-29T12:05:20	1	0	3	3	0	1.0309	1.0307	-0.0002	-0.9874	-0.9874	0.0000
2023-11-29T12:06:45	1	0	2	2	0	1.0646	1.0646	0.0000	-0.9989	-0.999	0.0001
2023-11-29T12:11:13	2	0	4	4	0	1.0412	1.0411	0.0000	0.9877	0.9876	0.0001
2023-11-29T12:12:46	5	0	40	38	2	1.0500	1.0496	-0.0004	0.9998	0.9997	0.0001
2023-11-29T12:13:44	1	0	1	1	0	1.0458	1.0458	0.0000	0.9698	0.9657	0.0041
2023-11-29T12:17:01	2	0	3	3	0	1.0386	1.0383	-0.0003	0.9955	0.9955	0.0000
2023-11-29T12:18:01	2	0	12	11	1	1.0200	1.0159	-0.0041	0.9533	0.9531	0.0002
2023-11-29T12:23:54	1	0	5	4	1	1.0523	1.0508	-0.0015	0.9808	0.9808	0.0000
2023-11-29T12:31:10	5	0	3	4	-1	1.0299	1.0233	-0.0066	0.9963	0.9965	-0.0002
2023-11-29T12:41:52	1	0	11	10	1	1.0543	1.0540	-0.0003	0.9992	0.9992	0.0000
2023-11-29T12:43:09	2	0	30	30	0	1.0527	1.0527	-0.0001	0.9998	0.9998	0.0000
2023-11-29T12:48:27	1	0	8	8	0	0.9522	0.9527	0.0005	0.9827	0.983	-0.0003
2023-11-29T12:50:09	5	0	15	14	1	1.0459	1.0428	-0.0031	0.9977	0.9977	0.0000
2023-11-29T12:56:16	1	0	3	3	0	1.0349	1.0349	0.0000	0.9878	0.9878	0.0000
2023-11-29T12:59:13	2	0	5	6	-1	0.9922	0.9840	-0.0082	-0.9746	-0.9747	0.0001
2023-11-29T13:00:53	1	0	6	6	0	1.0322	1.0320	-0.0002	0.9654	0.9801	-0.0147
2023-11-29T13:21:26	1	0	1	1	0	1.0300	1.0300	0.0000	0.9826	0.9826	0.0000
2023-11-29T13:23:17	1	0	1	1	0	1.0305	1.0305	0.0000	0.9959	0.9959	0.0000
2023-11-29T13:38:18	2	0	1	1	0	1.0283	1.0283	0.0000	0.9958	0.9958	0.0000
2023-11-29T13:41:56	2	0	33	33	0	1.0551	1.0550	-0.0001	0.9995	0.9994	0.0001
2023-11-29T13:54:12	1	0	1	0	1	1.0564	null	null	-0.998	-0.9981	0.0001
2023-11-29T13:59:17	2	0	6	6	0	0.9617	0.9621	0.0003	-0.9715	-0.9712	-0.0003
2023-11-29T14:01:43	3	0	2	2	0	1.0308	1.0308	0.0000	0.9925	0.9927	-0.0002
2023-11-29T14:04:14	6	0	17	17	0	1.0489	1.0488	-0.0001	0.9953	0.9953	0.0000

2023-11-29T14:04:59	2	0	13	13	0	1.0514	1.0513	-0.0001	-1	-1	0.0000
2023-11-29T14:10:30	2	0	2	2	0	1.0476	1.0476	0.0000	-0.9993	-0.9993	0.0000
2023-11-29T14:11:58	1	0	36	36	0	1.0556	1.0556	0.0000	0.9953	0.9953	0.0000
2023-11-29T14:12:34	2	0	1	1	0	0.9808	0.9814	0.0006	-0.9902	-0.9901	-0.0001
2023-11-29T14:13:53	1	0	94	94	0	0.9402	0.9402	0.0000	0.9899	0.9899	0.0000
2023-11-29T14:14:18	2	0	4	4	0	0.9742	0.9742	0.0001	-0.9717	-0.9716	-0.0001
2023-11-29T14:14:41	6	0	8	9	-1	1.0492	1.0500	0.0007	0.9952	0.9952	0.0000
2023-11-29T14:15:28	7	0	1	1	0	0.9315	0.9317	0.0002	0.9904	0.9905	-0.0001
2023-11-29T14:15:46	1	0	9	9	0	1.0466	1.0466	0.0000	0.9994	0.9995	-0.0001
2023-11-29T14:19:15	1	0	8	8	0	1.0474	1.0474	0.0000	0.9957	0.9957	0.0000
2023-11-29T14:20:00	5	0	15	15	0	1.0517	1.0515	-0.0001	1	1	0.0000
2023-11-29T14:20:05	2	0	91	92	-1	1.0577	1.0570	-0.0007	-0.9958	-0.9963	0.0005
2023-11-29T14:25:31	1	0	7	7	0	1.0461	1.0459	-0.0002	-0.9992	-0.9992	0.0000
2023-11-29T14:26:22	1	0	3	3	0	1.0418	1.0417	-0.0001	0.9958	0.9958	0.0000
2023-11-29T14:27:35	4	0	1	1	0	0.9808	0.9816	0.0008	-0.9902	-0.99	-0.0002
2023-11-29T14:29:19	1	0	8	8	0	0.9833	0.9834	0.0001	-0.9694	-0.9693	-0.0001
2023-11-29T14:29:42	2	0	5	5	0	1.0487	1.0486	-0.0001	0.9952	0.9952	0.0000
2023-11-29T14:31:37	2	0	4	4	0	0.9912	0.9911	-0.0001	0.971	0.9703	0.0007
2023-11-29T14:33:10	1	0	13	11	2	1.0503	1.0483	-0.0020	0.9672	0.967	0.0002
2023-11-29T14:34:16	1	0	5	5	0	1.0447	1.0447	-0.0001	0.9952	0.9952	0.0000
2023-11-29T14:35:01	1	0	14	14	0	1.0502	1.0502	0.0000	1	1	0.0000
2023-11-29T14:35:06	2	0	93	93	0	1.0573	1.0572	-0.0001	-0.9958	-0.9959	0.0001
2023-11-29T14:38:26	1	0	134	133	1	1.0567	1.0567	0.0000	-0.9832	-0.9831	-0.0001
2023-11-29T14:38:42	1	0	162	161	1	1.0600	1.0599	0.0000	0.994	0.9939	0.0001
2023-11-29T14:44:43	2	0	2	2	0	1.0505	1.0505	-0.0001	0.9954	0.9955	-0.0001
2023-11-29T14:45:58	2	0	12	11	1	0.9480	0.9484	0.0004	0.9911	0.9912	-0.0001
2023-11-29T14:48:49	3	0	1	1	0	0.9710	0.9717	0.0007	0.9541	0.9543	-0.0002
2023-11-29T14:55:33	1	0	3	3	0	1.0456	1.0456	0.0000	-0.999	-0.999	0.0000
2023-11-29T14:57:37	3	0	1	1	0	0.9782	0.9783	0.0001	-0.9914	-0.9913	-0.0001
2023-11-29T14:59:44	1	0	4	3	1	1.0455	1.0452	-0.0003	0.9954	0.9949	0.0005
2023-11-29T15:01:56	1	0	179	177	2	1.0581	1.0581	0.0000	0.9913	0.9913	0.0000
2023-11-29T15:02:12	1	0	2	2	0	1.0373	1.0370	-0.0003	0.9956	0.9956	0.0000
2023-11-29T15:10:00	1	0	36	33	3	0.9537	0.9538	0.0001	0.9881	0.9882	-0.0001
2023-11-29T15:10:34	2	0	11	11	0	1.0418	1.0418	0.0000	-0.9988	-0.9988	0.0000
2023-11-29T15:16:03	1	0	1	1	0	1.0100	1.0099	-0.0001	0.9054	0.9053	0.0001
2023-11-29T15:20:23	2	0	189	189	0	0.9209	0.9210	0.0001	0.9137	0.9129	0.0008
2023-11-29T15:29:01	2	0	15	4	11	0.9429	0.9440	0.0011	-0.9997	-0.9997	0.0000
2023-11-29T15:44:47	3	0	35	34	1	0.9386	0.9390	0.0004	0.9947	0.9948	-0.0001
2023-11-29T15:45:09	1	0	1	1	0	0.9432	0.9441	0.0009	0.9849	0.9849	0.0000
2023-11-29T15:46:57	2	0	1	1	0	1.0327	1.0321	-0.0006	0.987	0.9865	0.0005
2023-11-29T15:58:37	1	0	136	135	1	1.0574	1.0574	0.0000	0.9775	0.9775	0.0000
2023-11-29T16:01:02	1	0	1	1	0	0.9727	0.9730	0.0003	0.9987	0.9987	0.0000
2023-11-29T16:08:12	2	0	1	1	0	0.9621	0.9633	0.0012	0.9822	0.9821	0.0001
2023-11-29T16:13:23	1	0	4	4	0	1.0321	1.0322	0.0001	0.9963	0.9963	0.0000
2023-11-29T16:14:49	1	0	6	6	0	1.0466	1.0465	0.0000	0.9948	0.9948	0.0000
2023-11-29T16:20:27	8	0	3	3	0	1.0124	1.0130	0.0006	-0.9523	-0.9506	-0.0017
2023-11-29T16:29:05	1	0	1	1	0	1.0323	1.0320	-0.0003	-0.9969	-0.9969	0.0000
2023-11-29T16:32:42	2	0	2	2	0	1.0150	1.0148	-0.0003	0.9803	0.9802	0.0001
2023-11-29T16:36:52	1	0	5	5	0	0.9931	0.9932	0.0001	-0.9999	-0.9999	0.0000
2023-11-29T16:44:51	1	0	9	9	0	0.9434	0.9434	0.0000	0.9943	0.9947	-0.0004
2023-11-29T16:46:54	1	0	6	6	0	0.9743	0.9745	0.0002	0.9926	0.9924	0.0002
2023-11-29T18:22:22	1	0	46	46	0	0.9483	0.9483	0.0000	0.9908	0.9908	0.0000
2023-11-30T07:51:44	2	0	41	40	1	0.9736	0.9737	0.0001	0.9893	0.9891	0.0002
2023-11-30T07:51:51	2	0	107	107	0	0.9049	0.9050	0.0001	0.9644	0.9643	0.0001
2023-11-30T07:55:34	1	0	95	95	0	0.9317	0.9317	0.0000	-0.9968	-0.9965	-0.0003
2023-11-30T07:59:08	2	0	18	17	1	1.0522	1.0520	-0.0002	-0.9729	-0.9723	-0.0006
2023-11-30T08:04:56	1	0	284	283	1	0.8856	0.8856	0.0000	0.9391	0.9391	0.0000
2023-11-30T08:06:45	3	0	123	123	0	1.0025	1.0024	-0.0001	0.9885	0.9886	-0.0001
2023-11-30T08:09:36	1	0	16	16	0	0.9378	0.9379	0.0000	0.9968	0.9968	0.0000
2023-11-30T08:13:08	1	0	439	439	0	1.0634	1.0634	0.0000	0.9693	0.9693	0.0000
2023-11-30T08:14:09	1	0	109	109	0	1.0596	1.0595	0.0000	-0.9739	-0.9739	0.0000
2023-11-30T08:18:14	1	0	95	95	0	0.9429	0.9430	0.0001	0.9861	0.9863	-0.0002
2023-11-30T08:20:17	1	0	45	43	2	1.0547	1.0547	0.0000	0.993	0.9929	0.0001
2023-11-30T08:24:37	1	0	48	48	0	0.9332	0.9332	0.0001	0.9934	0.9934	0.0000
2023-11-30T08:28:09	1	0	559	557	2	1.0648	1.0648	0.0000	0.9725	0.9725	0.0000
2023-11-30T08:29:20	1	0	8	8	0	1.0482	1.0481	0.0000	0.9932	0.9932	0.0000
2023-11-30T08:35:18	1	0	208	208	0	1.0641	1.0641	0.0000	0.9934	0.9934	0.0000
2023-11-30T08:39:38	1	0	49	49	0	0.9245	0.9246	0.0001	0.9936	0.9937	-0.0001
2023-11-30T08:54:39	1	0	2	0	2	1.0555	null	null	-0.9986	-0.9986	0.0000
2023-11-30T08:58:39	1	0	3	3	0	0.9722	0.9721	-0.0001	-0.9981	-0.9981	0.0000
2023-11-30T08:59:42	1	0	87	85	2	1.0569	1.0569	0.0000	0.9766	0.9766	0.0000
2023-11-30T09:00:08	2	0	148	147	1	1.0538	1.0538	0.0000	0.9998	0.9998	0.0000
2023-11-30T09:01:46	1	0	1	1	0	1.0356	1.0356	0.0000	0.9967	0.9967	0.0000
2023-11-30T09:03:17	1	0	87	85	2	0.9414	0.9420	0.0006	0.9856	0.9854	0.0002
2023-11-30T09:04:42	1	0	6	6	0	1.0487	1.0487	0.0000	0.9987	0.9987	0.0000
2023-11-30T09:05:20	1	0	131	131	0	1.0576	1.0576	0.0000	0.9945	0.9945	0.0000
2023-11-30T09:06:56	2	0	85	83	2	0.9234	0.9238	0.0004	0.9606	0.9607	-0.0001
2023-11-30T09:13:12	1	0	645	643	2	1.0637	1.0637	0.0000	0.9675	0.9675	0.0000
2023-11-30T09:14:43	1	0	135	133	2	1.0579	1.0579	0.0000	0.9769	0.9768	0.0001
2023-11-30T09:20:01	3	0	252	249	3	0.8939	0.8942	0.0003	0.8974	0.8976	-0.0002
2023-11-30T09:20:21	3	0	261	256	5	1.0687	1.0685	-0.0002	0.9947	0.9946	0.0001
2023-11-30T09:20:42	1	0	2	2	0	1.0309	1.0307	-0.0002	-0.9999	-0.9999	0.0000
2023-11-30T09:21:50	2	0	19	17	2	1.0525	1.0517	-0.0008	0.9826	0.9826	0.0000
2023-11-30T09:24:21	2	0	5	5	0	1.0476	1.0474	-0.0002	0.9783	0.9779	0.0004
2023-11-30T09:24:41	4	0	54	52	2	0.9434	0.9436	0.0002	0.994	0.993	0.0010

2023-11-30T09:25:40	1	0	8	9	-1	0.9414	0.9418	0.0004	-0.9835	-0.9833	-0.0002
2023-11-30T09:29:14	1	0	63	63	0	1.0559	1.0557	-0.0002	-0.9993	-0.9993	0.0000
2023-11-30T09:29:24	2	0	22	21	1	0.9838	0.9859	0.0021	0.9922	0.9922	0.0000
2023-11-30T09:30:41	2	0	5	5	0	0.9751	0.9753	0.0002	0.9903	0.9903	0.0000
2023-11-30T09:31:00	5	0	3	3	0	1.0242	1.0239	-0.0004	0.9996	0.9996	0.0000
2023-11-30T09:33:40	3	0	12	12	0	1.0470	1.0466	-0.0004	-0.9992	-0.9992	0.0000
2023-11-30T09:35:31	2	0	10	10	0	1.0410	1.0409	-0.0001	1	1	0.0000
2023-11-30T09:35:31	4	0	20	20	0	1.0496	1.0491	-0.0005	0.999	0.999	0.0000
2023-11-30T09:49:06	3	0	31	25	6	1.0468	1.0462	-0.0005	0.976	0.9761	-0.0001
2023-11-30T09:50:20	1	0	9	9	0	1.0284	1.0284	0.0000	0.9989	0.9989	0.0000
2023-11-30T09:50:23	2	0	66	65	1	1.0507	1.0503	-0.0003	-0.9827	-0.9826	-0.0001
2023-11-30T09:51:52	1	0	10	10	0	0.9779	0.9781	0.0002	0.9973	0.9978	-0.0005
2023-11-30T09:52:53	3	0	1	1	0	1.0346	1.0301	-0.0045	-0.9796	-0.9802	0.0006
2023-11-30T09:52:58	1	0	6	6	0	0.9893	0.9893	0.0000	0.9599	0.9598	0.0001
2023-11-30T09:53:59	2	0	28	26	2	1.0547	1.0545	-0.0002	-0.9998	-0.9998	0.0000
2023-11-30T09:54:47	1	0	80	80	0	1.1490	1.1477	-0.0013	-0.9803	-0.9804	0.0001
2023-11-30T09:55:50	1	0	5	5	0	1.0412	1.0411	-0.0001	0.9755	0.975	0.0005
2023-11-30T09:56:27	1	0	105	105	0	1.0586	1.0584	-0.0003	-0.988	-0.9879	-0.0001
2023-11-30T09:56:38	2	0	33	28	5	0.9404	0.9408	0.0004	0.9929	0.9931	-0.0002
2023-11-30T09:57:00	2	0	154	152	2	1.0584	1.0584	-0.0001	0.976	0.9759	0.0001
2023-11-30T09:58:54	1	0	133	132	1	1.0564	1.0563	-0.0001	0.9945	0.9944	0.0001
2023-11-30T09:59:04	1	0	1	0	1	1.0391	null	null	0.9963	0.9963	0.0000
2023-11-30T09:59:09	1	0	32	31	1	1.0513	1.0511	-0.0001	-0.9872	-0.9872	0.0000
2023-11-30T09:59:18	1	0	21	21	0	1.0431	1.0430	0.0000	0.993	0.9929	0.0001
2023-11-30T09:59:24	4	0	21	21	0	1.0477	1.0473	-0.0004	0.9998	0.9998	0.0000
2023-11-30T10:00:47	3	0	4	3	1	0.9566	0.9623	0.0058	0.9631	0.9634	-0.0003
2023-11-30T10:00:56	6	0	15	13	2	1.0482	1.0476	-0.0006	-0.9996	-0.9997	0.0001
2023-11-30T10:02:00	3	0	17	14	3	1.0503	1.0492	-0.0011	0.9993	0.9993	0.0000
2023-11-30T10:02:13	2	0	13	12	1	1.0431	1.0431	-0.0001	0.9982	0.9981	0.0001
2023-11-30T10:02:18	5	0	302	302	0	0.8659	0.8660	0.0001	0.879	0.8792	-0.0002
2023-11-30T10:02:35	4	0	311	305	6	1.0648	1.0647	-0.0001	0.9947	0.9946	0.0001
2023-11-30T10:02:40	7	0	19	17	2	1.0487	1.0485	-0.0002	0.9997	0.9997	0.0000
2023-11-30T10:04:07	1	0	50	50	0	1.0556	1.0555	0.0000	0.9767	0.9766	0.0001
2023-11-30T10:05:23	1	0	116	115	1	1.0553	1.0553	0.0000	-0.983	-0.9828	-0.0002
2023-11-30T10:05:36	4	0	2	2	0	0.9426	0.9437	0.0012	0.991	0.9912	-0.0002
2023-11-30T10:06:54	1	0	11	11	0	1.0031	1.0032	0.0000	0.9966	0.9973	-0.0007
2023-11-30T10:07:45	1	0	7	7	0	1.0328	1.0327	0.0000	0.9905	0.9905	0.0000
2023-11-30T10:07:58	1	0	3	3	0	1.0160	1.0159	-0.0001	0.96	0.9599	0.0001
2023-11-30T10:11:17	1	0	1	1	0	1.0597	1.0593	-0.0004	-0.9994	-0.9994	0.0000
2023-11-30T10:11:32	1	0	21	21	0	1.0469	1.0468	-0.0001	-0.9997	-0.9997	0.0000
2023-11-30T10:12:29	1	0	2	2	0	1.0302	1.0300	-0.0002	0.9897	0.9896	0.0001
2023-11-30T10:13:17	1	0	7	7	0	1.0266	1.0265	-0.0001	0.9997	0.9997	0.0000
2023-11-30T10:13:35	1	0	4	4	0	1.0371	1.0369	-0.0002	-0.9881	-0.9882	0.0001
2023-11-30T10:14:34	1	0	2	2	0	1.0404	1.0401	-0.0003	0.9719	0.9719	0.0000
2023-11-30T10:17:01	2	0	16	15	1	1.0514	1.0510	-0.0004	0.9992	0.9992	0.0000
2023-11-30T10:17:06	1	0	24	24	0	1.0542	1.0541	0.0000	0.999	0.9989	0.0001
2023-11-30T10:17:19	2	0	99	99	0	0.9236	0.9238	0.0001	0.8961	0.8954	0.0007
2023-11-30T10:17:32	1	0	2	0	2	0.9518	null	null	0.9841	0.9843	-0.0002
2023-11-30T10:17:41	2	0	12	12	0	1.0460	1.0459	0.0000	0.9994	0.9994	0.0000
2023-11-30T10:18:50	1	0	2	2	0	0.9849	0.9846	-0.0003	0.8522	0.8517	0.0005
2023-11-30T10:20:22	5	0	5	5	0	1.0305	1.0303	-0.0002	0.9991	0.9991	0.0000
2023-11-30T10:21:32	1	0	1	1	0	0.9903	0.9907	0.0004	0.9798	0.9799	-0.0001
2023-11-30T10:21:34	2	0	33	33	0	0.9862	0.9861	-0.0001	0.9689	0.9689	0.0000
2023-11-30T10:21:56	1	0	32	32	0	0.9920	0.9919	-0.0001	0.9969	0.9969	0.0000
2023-11-30T10:23:21	3	0	22	21	1	0.9598	0.9602	0.0005	0.9711	0.97	0.0011
2023-11-30T10:24:31	2	0	1	1	0	0.9861	0.9867	0.0006	-0.9896	-0.9894	-0.0002
2023-11-30T10:28:18	1	0	5	5	0	1.0239	1.0239	-0.0001	0.9998	0.9998	0.0000
2023-11-30T10:29:26	2	0	4	4	0	1.0405	1.0400	-0.0004	0.9994	0.9994	0.0000
2023-11-30T10:29:37	4	0	53	52	1	1.0527	1.0526	0.0000	0.99	0.99	0.0000
2023-11-30T10:29:39	1	0	1	1	0	1.0566	1.0557	-0.0009	0.9725	0.9723	0.0002
2023-11-30T10:30:58	2	0	6	6	0	1.0452	1.0449	-0.0003	-0.9998	-0.9999	0.0001
2023-11-30T10:31:15	4	0	6	6	0	1.0350	1.0345	-0.0005	0.9962	0.9961	0.0001
2023-11-30T10:32:18	1	0	16	15	1	1.0431	1.0431	0.0000	0.9987	0.9987	0.0000
2023-11-30T10:32:20	3	0	260	260	0	0.9067	0.9066	0.0000	0.872	0.8729	-0.0009
2023-11-30T10:32:33	1	0	5	4	1	0.9463	0.9473	0.0010	0.9875	0.9876	-0.0001
2023-11-30T10:32:39	2	0	14	9	5	0.9425	0.9419	-0.0006	-0.9967	-0.9964	-0.0003
2023-11-30T10:38:00	1	0	2	2	0	0.9639	0.9647	0.0008	0.956	0.9564	-0.0004
2023-11-30T10:40:31	1	0	316	313	3	1.0587	1.0586	-0.0001	0.9447	0.9446	0.0001
2023-11-30T10:41:41	1	0	6	6	0	0.9446	0.9446	0.0000	0.9928	0.9933	-0.0005
2023-11-30T10:42:31	2	0	1	0	1	1.0597	null	null	0.9938	0.9938	0.0000
2023-11-30T10:45:08	1	0	9	9	0	0.9694	0.9696	0.0002	0.9604	0.9604	0.0000
2023-11-30T10:45:50	2	0	1	1	0	1.0573	1.0555	-0.0018	0.9755	0.9751	0.0004
2023-11-30T10:45:59	3	0	8	8	0	1.0329	1.0330	0.0001	-0.9999	-0.9999	0.0000
2023-11-30T10:46:03	1	0	1	1	0	1.0204	1.0201	-0.0003	0.9771	0.977	0.0001
2023-11-30T10:46:10	1	0	12	12	0	1.0389	1.0389	0.0000	-0.9984	-0.9984	0.0000
2023-11-30T10:46:14	1	0	4	4	0	0.9910	0.9909	-0.0001	-0.9999	-0.9999	0.0000
2023-11-30T10:47:03	4	0	15	14	1	1.0499	1.0503	0.0003	0.9999	0.9999	0.0000
2023-11-30T10:47:20	1	0	5	5	0	1.0458	1.0458	0.0000	0.9952	0.995	0.0002
2023-11-30T10:47:32	1	0	1	1	0	1.0257	1.0251	-0.0006	0.9997	0.9997	0.0000
2023-11-30T10:48:09	2	0	4	4	0	1.0512	1.0509	-0.0003	-0.9976	-0.9978	0.0002
2023-11-30T10:48:46	1	0	2	2	0	1.0465	1.0458	-0.0008	-0.9999	-0.9999	0.0000
2023-11-30T10:52:00	3	0	3	2	1	1.0578	1.0569	-0.0009	-0.9977	-0.9978	0.0001
2023-11-30T10:52:24	2	0	4	4	0	0.9501	0.9507	0.0007	0.9736	0.9738	-0.0002
2023-11-30T10:52:53	2	0	1	1	0	1.0095	1.0078	-0.0017	0.9996	0.9996	0.0000
2023-11-30T10:52:57	1	0	1	1	0	1.0248	1.0244	-0.0004	-0.9734	-0.9736	0.0002

2023-11-30T10:53:01	1	0	1	1	0	0.9968	0.9959	-0.0009	0.9654	0.9651	0.0003
2023-11-30T10:54:07	1	0	10	9	1	1.0544	1.0533	-0.0011	0.9886	0.9884	0.0002
2023-11-30T10:56:42	3	0	1	0	1	1.0557	null	null	0.9931	0.9929	0.0002
2023-11-30T10:57:04	3	0	52	49	3	1.0563	1.0563	0.0000	0.9784	0.9783	0.0001
2023-11-30T10:58:03	2	0	5	5	0	1.0080	1.0083	0.0003	0.9911	0.9583	0.0328
2023-11-30T10:59:08	1	0	2	2	0	1.0406	1.0398	-0.0008	0.9967	0.9966	0.0001
2023-11-30T10:59:37	1	0	1	0	1	0.9321	null	null	0.9719	0.9719	0.0000
2023-11-30T10:59:39	6	0	40	36	4	1.0529	1.0526	-0.0003	0.9829	0.9828	0.0001
2023-11-30T11:00:14	1	0	1	1	0	1.0569	1.0566	-0.0003	0.9719	0.9719	0.0000
2023-11-30T11:01:17	1	0	5	5	0	1.0351	1.0350	-0.0002	0.9934	0.9934	0.0000
2023-11-30T11:02:04	5	0	24	22	2	1.0511	1.0511	-0.0001	0.9999	0.9999	0.0000
2023-11-30T11:02:22	1	0	118	117	1	0.9251	0.9213	-0.0038	0.8819	0.8815	0.0004
2023-11-30T11:02:41	1	0	4	4	0	0.9458	0.9458	0.0000	-0.9969	-0.9969	0.0000
2023-11-30T11:04:59	1	0	15	15	0	1.0441	1.0440	-0.0001	0.9997	0.9997	0.0000
2023-11-30T11:06:42	1	0	6	6	0	1.0502	1.0501	-0.0001	0.9763	0.9757	0.0006
2023-11-30T11:08:11	1	0	2	2	0	1.0225	1.0223	-0.0002	0.988	0.9879	0.0001
2023-11-30T11:09:04	2	0	35	33	2	1.0552	1.0550	-0.0002	0.9998	0.9998	0.0000
2023-11-30T11:11:02	2	0	2	2	0	1.0318	1.0308	-0.0010	0.9974	0.9972	0.0002
2023-11-30T11:11:43	1	0	4	4	0	1.0522	1.0517	-0.0005	0.9937	0.993	0.0007
2023-11-30T11:12:05	1	0	66	64	2	1.0566	1.0566	0.0000	0.9767	0.9766	0.0001
2023-11-30T11:12:31	8	0	4	4	0	0.9672	0.9655	-0.0017	0.9997	0.9996	0.0001
2023-11-30T11:12:51	1	0	26	26	0	1.0471	1.0471	-0.0001	0.9986	0.9986	0.0000
2023-11-30T11:13:21	3	0	6	6	0	1.0285	1.0280	-0.0006	0.9969	0.9967	0.0002
2023-11-30T11:13:39	1	0	2	2	0	1.0276	1.0279	0.0003	-0.9795	-0.9793	-0.0002
2023-11-30T11:13:41	2	0	2	2	0	0.9956	0.9954	-0.0003	0.9553	0.9544	0.0009
2023-11-30T11:14:09	1	0	1	0	1	1.0361	null	null	0.9962	0.9962	0.0000
2023-11-30T11:15:59	1	0	6	6	0	1.0431	1.0430	0.0000	0.9977	0.9978	-0.0001
2023-11-30T11:16:01	2	0	12	9	3	1.0486	1.0483	-0.0003	-0.9997	-0.9997	0.0000
2023-11-30T11:16:23	2	0	3	0	3	0.9446	null	null	0.9703	0.9705	-0.0002
2023-11-30T11:17:22	1	0	6	6	0	1.0430	1.0428	-0.0002	0.994	0.9939	0.0001
2023-11-30T11:17:23	1	0	254	254	0	0.9112	0.9112	0.0000	0.8719	0.8716	0.0003
2023-11-30T11:17:45	8	0	24	23	1	1.0504	1.0493	-0.0011	0.9998	0.9997	0.0001
2023-11-30T11:17:49	1	0	17	16	1	1.0458	1.0449	-0.0009	1	1	0.0000
2023-11-30T11:18:57	2	0	4	4	0	1.0558	1.0557	-0.0002	-0.9948	-0.9949	0.0001
2023-11-30T11:19:12	1	0	2	2	0	1.0245	1.0243	-0.0002	0.9759	0.9758	0.0001
2023-11-30T11:20:02	1	0	1	1	0	1.0569	1.0565	-0.0004	0.9897	0.9896	0.0001
2023-11-30T11:20:56	1	0	222	220	2	1.0553	1.0553	0.0000	0.9887	0.9887	0.0000
2023-11-30T11:21:18	3	0	114	112	2	1.0547	1.0547	0.0000	-0.9853	-0.9853	0.0000
2023-11-30T11:22:07	3	0	9	9	0	1.0296	1.0337	0.0041	0.9985	0.9984	0.0001
2023-11-30T11:23:03	1	0	3	6	-3	0.9882	0.9448	-0.0434	0.9617	0.9619	-0.0002
2023-11-30T11:25:25	1	0	14	14	0	1.0465	1.0463	-0.0001	0.9934	0.9934	0.0000
2023-11-30T11:25:34	2	0	640	638	2	1.0624	1.0623	-0.0001	0.9529	0.9523	0.0006
2023-11-30T11:25:58	1	0	6	6	0	1.0480	1.0479	-0.0002	0.9713	0.9659	0.0054
2023-11-30T11:26:57	1	0	4	4	0	1.0331	1.0330	-0.0001	0.9994	0.9994	0.0000
2023-11-30T11:27:06	3	0	92	88	4	1.0574	1.0574	0.0001	0.9782	0.9781	0.0001
2023-11-30T11:27:30	1	0	137	136	1	1.0527	1.0527	0.0000	0.9994	0.9994	0.0000
2023-11-30T11:27:52	1	0	19	19	0	1.0476	1.0476	-0.0001	0.9945	0.9944	0.0001
2023-11-30T11:28:05	1	0	3	4	-1	1.0250	1.0276	0.0027	0.9884	0.9878	0.0006
2023-11-30T11:28:22	8	0	4	4	0	1.0235	1.0235	0.0000	0.9975	0.9975	0.0000
2023-11-30T11:28:59	1	0	212	212	0	1.0587	1.0587	0.0000	0.9905	0.9905	0.0000
2023-11-30T11:29:10	2	0	1	1	0	1.0388	1.0388	0.0000	0.9972	0.9972	0.0000
2023-11-30T11:29:30	4	0	34	34	0	1.0504	1.0503	-0.0001	0.9995	0.9995	0.0000
2023-11-30T11:32:11	1	0	3	3	0	1.0072	1.0072	0.0000	0.8839	0.884	-0.0001
2023-11-30T11:32:22	1	0	1	1	0	1.0219	1.0219	0.0000	0.9936	0.9936	0.0000
2023-11-30T11:33:58	1	0	7	7	0	1.0492	1.0492	0.0000	-0.9988	-0.9989	0.0001
2023-11-30T11:34:13	7	0	7	11	-4	1.0469	1.0501	0.0032	0.9761	0.9762	-0.0001
2023-11-30T11:35:01	1	0	15	15	0	1.0442	1.0442	0.0000	0.9962	0.9963	-0.0001
2023-11-30T11:36:19	1	0	115	115	0	1.0550	1.0550	0.0000	-0.9831	-0.983	-0.0001
2023-11-30T11:37:36	1	0	6	6	0	1.0467	1.0465	-0.0002	-0.9984	-0.9985	0.0001
2023-11-30T11:38:26	2	0	1	1	0	1.0070	1.0070	0.0000	0.9755	0.9755	0.0000
2023-11-30T11:39:01	1	0	1	1	0	1.0579	1.0571	-0.0008	0.9966	0.9965	0.0001
2023-11-30T11:42:35	1	0	1	1	0	1.0379	1.0379	0.0000	0.9882	0.9882	0.0000
2023-11-30T11:42:53	1	0	1	1	0	1.0374	1.0374	0.0000	0.9956	0.9956	0.0000
2023-11-30T11:43:06	8	0	14	14	0	1.0260	1.0328	0.0069	0.9576	0.9593	-0.0017
2023-11-30T11:43:23	7	0	3	3	0	1.0184	1.0184	0.0000	0.9977	0.9978	-0.0001
2023-11-30T11:43:58	6	0	3	3	0	1.0305	1.0301	-0.0004	0.9769	0.9745	0.0024
2023-11-30T11:44:00	1	0	235	235	0	1.0587	1.0587	0.0000	0.9909	0.991	-0.0001
2023-11-30T11:45:54	4	0	1	0	1	1.0579	null	null	0.965	0.965	0.0000
2023-11-30T11:46:01	1	0	1	1	0	1.0471	1.0471	0.0000	0.9964	0.9965	-0.0001
2023-11-30T11:46:03	13	0	6	11	-5	1.0516	1.0489	-0.0027	-0.9999	-0.9999	0.0000
2023-11-30T11:47:23	1	0	2	2	0	1.0419	1.0419	0.0000	0.9953	0.9953	0.0000
2023-11-30T11:48:59	1	0	2	2	0	1.0615	1.0615	0.0000	-0.9996	-0.9996	0.0000
2023-11-30T11:50:04	1	0	24	24	0	1.0458	1.0458	0.0000	0.9982	0.9982	0.0000
2023-11-30T11:50:58	1	0	244	242	2	1.0554	1.0554	0.0000	0.9887	0.9887	0.0000
2023-11-30T11:51:20	6	0	173	169	4	1.0579	1.0578	-0.0001	-0.9816	-0.9816	0.0000
2023-11-30T11:52:37	1	0	4	4	0	1.0399	1.0399	0.0000	-0.9983	-0.9982	-0.0001
2023-11-30T11:52:52	1	0	2	2	0	1.0241	1.0240	-0.0001	0.9838	0.9838	0.0000
2023-11-30T11:53:27	1	0	2	2	0	1.0102	1.0101	-0.0001	0.9741	0.9741	0.0000
2023-11-30T11:54:01	1	0	1	1	0	1.0571	1.0568	-0.0003	0.9951	0.995	0.0001
2023-11-30T11:55:27	1	0	9	9	0	1.0486	1.0486	0.0000	0.9806	0.9807	-0.0001
2023-11-30T11:57:32	1	0	147	146	1	1.0528	1.0528	0.0000	0.9992	0.9992	0.0000
2023-11-30T11:58:07	5	0	2	2	0	1.0369	1.0366	-0.0003	0.9723	0.9717	0.0006
2023-11-30T11:58:24	6	0	2	2	0	1.0233	1.0233	0.0000	0.999	0.9991	-0.0001
2023-11-30T11:59:01	1	0	319	319	0	1.0606	1.0606	0.0000	0.9929	0.9929	0.0000
2023-11-30T11:59:12	2	0	2	2	0	1.0459	1.0458	-0.0001	0.9967	0.9967	0.0000

2023-11-30T12:00:55	4	0	7	5	2	1.0531	1.0513	-0.0018	0.9806	0.9807	-0.0001
2023-11-30T12:04:00	1	0	5	5	0	1.0520	1.0519	0.0000	-0.999	-0.999	0.0000
2023-11-30T12:05:04	1	0	23	22	1	1.0492	1.0490	-0.0003	0.9985	0.9985	0.0000
2023-11-30T12:07:38	1	0	2	2	0	1.0477	1.0477	0.0000	-0.9985	-0.9985	0.0000
2023-11-30T12:10:37	2	0	608	607	1	1.0612	1.0612	0.0000	0.9645	0.9673	-0.0028
2023-11-30T12:11:59	1	0	2	3	-1	1.0322	1.0321	-0.0002	1	1	0.0000
2023-11-30T12:13:08	1	0	2	2	0	1.0328	1.0328	0.0000	0.972	0.9713	0.0007
2023-11-30T12:17:14	1	0	5	6	-1	1.0200	1.0258	0.0058	0.88	0.8804	-0.0004
2023-11-30T12:19:16	7	0	3	5	-2	1.0371	1.0458	0.0087	0.9809	0.981	-0.0001
2023-11-30T12:24:02	2	0	8	8	0	0.9574	0.9573	-0.0001	0.9912	0.9912	0.0000
2023-11-30T12:24:59	1	0	81	81	0	1.0787	1.0787	0.0000	-0.9895	-0.9853	-0.0042
2023-11-30T12:25:04	3	0	38	37	1	1.0485	1.0483	-0.0002	0.9997	0.9997	0.0000
2023-11-30T12:25:25	4	0	46	45	1	1.0537	1.0535	-0.0002	1	1	0.0000
2023-11-30T12:27:34	1	0	85	84	1	1.0486	1.0485	-0.0001	0.9943	0.9943	0.0000
2023-11-30T12:28:26	5	0	4	4	0	1.0257	1.0257	0.0000	0.9984	0.9984	0.0000
2023-11-30T12:32:15	1	0	117	117	0	1.0600	1.0598	-0.0003	-0.9952	-0.9955	0.0003
2023-11-30T12:35:40	2	0	33	32	1	1.0498	1.0496	-0.0002	-0.9951	-0.9951	0.0000
2023-11-30T12:38:30	1	0	2	2	0	1.0247	1.0247	0.0000	0.9755	0.9755	0.0000
2023-11-30T12:40:05	1	0	41	39	2	1.0489	1.0485	-0.0004	1	1	0.0000
2023-11-30T12:58:11	2	0	3	3	0	1.0332	1.0330	-0.0002	0.8987	0.9295	-0.0308
2023-11-30T13:00:28	1	0	4	4	0	1.0524	1.0522	-0.0002	0.9697	0.9696	0.0001
2023-11-30T13:00:59	3	0	2	3	-1	1.0523	1.0534	0.0011	0.9773	0.9772	0.0001
2023-11-30T13:06:25	3	0	233	232	1	1.0580	1.0580	0.0000	-0.9749	-0.9748	-0.0001
2023-11-30T13:13:12	1	0	5	5	0	1.0420	1.0418	-0.0002	0.9741	0.9517	0.0224
2023-11-30T13:16:00	2	0	7	7	0	1.0528	1.0522	-0.0006	0.9776	0.9776	0.0000
2023-11-30T13:21:24	2	0	1	0	1	1.0557	null	null	0.997	0.997	0.0000
2023-11-30T13:21:26	2	0	402	397	5	1.0617	1.0617	0.0000	-0.9706	-0.9706	0.0000
2023-11-30T13:42:43	1	0	2	2	0	1.0474	1.0474	0.0000	0.9887	0.9888	-0.0001
2023-11-30T13:44:25	1	0	25	24	1	1.0485	1.0482	-0.0003	-0.9648	-0.9647	-0.0001
2023-11-30T13:45:51	1	0	1	1	0	1.0584	1.0581	-0.0003	0.9584	0.9583	0.0001
2023-11-30T13:50:02	2	0	8	8	0	1.0447	1.0446	-0.0001	0.9934	0.9933	0.0001
2023-11-30T13:54:12	2	0	4	3	1	1.0540	1.0526	-0.0014	0.9978	0.9977	0.0001
2023-11-30T13:55:10	2	0	43	42	1	1.0488	1.0487	-0.0002	-1	-1	0.0000
2023-11-30T13:57:40	1	0	74	73	1	1.0491	1.0490	-0.0001	0.995	0.995	0.0000
2023-11-30T13:58:32	1	0	4	4	0	1.0310	1.0308	-0.0001	0.998	0.998	0.0000
2023-11-30T14:00:32	2	0	7	6	1	1.0542	1.0535	-0.0007	0.9691	0.9687	0.0004
2023-11-30T14:01:25	1	0	3	3	0	1.0344	1.0344	0.0000	0.9865	0.9865	0.0000
2023-11-30T14:02:21	1	0	123	123	0	1.0609	1.0608	0.0000	-0.9947	-0.9949	0.0002
2023-11-30T14:02:32	1	0	12	10	2	1.0465	1.0440	-0.0025	0.9984	0.9984	0.0000
2023-11-30T14:04:23	1	0	38	33	5	1.0558	1.0557	-0.0002	0.9855	0.9856	-0.0001
2023-11-30T14:05:03	1	0	14	14	0	1.0445	1.0445	0.0000	0.9934	0.9934	0.0000
2023-11-30T14:05:46	1	0	49	48	1	1.0504	1.0502	-0.0002	-0.9951	-0.9951	0.0000
2023-11-30T14:06:29	2	0	225	224	1	1.0594	1.0594	0.0000	-0.9755	-0.9755	0.0000
2023-11-30T14:06:30	1	0	62	61	1	1.0583	1.0583	0.0000	0.9824	0.9824	0.0000
2023-11-30T14:08:14	1	0	277	277	0	0.9300	0.9298	-0.0002	0.9351	0.935	0.0001
2023-11-30T14:09:10	1	0	2	2	0	1.0590	1.0590	0.0000	0.9955	0.9954	0.0001
2023-11-30T14:09:35	1	0	4	4	0	1.0430	1.0428	-0.0001	0.9966	0.9966	0.0000
2023-11-30T14:11:56	6	0	20	20	0	1.0526	1.0525	-0.0001	0.9967	0.9966	0.0001
2023-11-30T14:12:43	7	0	2	3	-1	0.9329	0.9580	0.0252	0.9967	0.9968	-0.0001
2023-11-30T14:12:45	1	0	3	3	0	1.0441	1.0441	0.0000	0.9898	0.9898	0.0000
2023-11-30T14:13:14	2	0	4	4	0	1.0493	1.0492	-0.0001	0.9911	0.991	0.0001
2023-11-30T14:13:33	2	0	6	6	0	1.0299	1.0298	-0.0001	0.9986	0.9986	0.0000
2023-11-30T14:15:53	1	0	2	2	0	1.0495	1.0494	-0.0001	0.9545	0.9545	0.0000
2023-11-30T14:16:04	2	0	3	3	0	1.0262	1.0262	0.0000	0.9709	0.971	-0.0001
2023-11-30T14:16:13	4	0	2	2	0	1.0485	1.0484	-0.0001	-0.9999	-0.9999	0.0000
2023-11-30T14:16:31	5	0	5	5	0	1.0353	1.0353	0.0000	0.9932	0.9932	0.0000
2023-11-30T14:17:22	1	0	129	129	0	1.0608	1.0607	0.0000	-0.9942	-0.9943	0.0001
2023-11-30T14:18:20	1	0	1	1	0	1.0406	1.0406	0.0000	-0.9997	-0.9996	-0.0001
2023-11-30T14:19:24	2	0	6	6	0	1.0470	1.0468	-0.0002	0.9837	0.9836	0.0001
2023-11-30T14:20:04	1	0	15	14	1	1.0447	1.0459	0.0012	0.995	0.995	0.0000
2023-11-30T14:21:30	3	0	217	215	2	1.0585	1.0584	0.0000	-0.9756	-0.9756	0.0000
2023-11-30T14:22:19	8	0	7	7	0	1.0419	1.0418	0.0000	0.9988	0.9988	0.0000
2023-11-30T14:22:27	1	0	6	6	0	1.0287	1.0287	-0.0001	-0.9984	-0.9984	0.0000
2023-11-30T14:23:03	1	0	5	5	0	1.0296	1.0296	0.0000	0.9869	0.9869	0.0000
2023-11-30T14:23:15	1	0	177	177	0	0.9329	0.9329	0.0000	0.9353	0.9354	-0.0001
2023-11-30T14:23:37	1	0	4	4	0	1.0360	1.0359	-0.0001	0.9862	0.9849	0.0013
2023-11-30T14:24:11	1	0	2	2	0	1.0528	1.0527	-0.0001	0.9951	0.9951	0.0000
2023-11-30T14:24:14	1	0	2	2	0	1.0358	1.0356	-0.0002	0.9942	0.9941	0.0001
2023-11-30T14:26:57	4	0	18	18	0	1.0510	1.0509	-0.0001	0.9967	0.9967	0.0000
2023-11-30T14:27:46	1	0	3	3	0	1.0430	1.0430	0.0000	0.9888	0.9888	0.0000
2023-11-30T14:28:34	1	0	3	3	0	1.0333	1.0333	-0.0001	0.9983	0.9983	0.0000
2023-11-30T14:29:14	2	0	1	0	1	1.0560	null	null	-0.9971	-0.9971	0.0000
2023-11-30T14:29:42	8	0	95	90	5	1.0541	1.0536	-0.0005	-1	-1	0.0000
2023-11-30T14:31:05	1	0	1	1	0	1.0600	1.0599	-0.0001	0.9704	0.9704	0.0000
2023-11-30T14:31:06	1	0	37	36	1	1.0541	1.0541	0.0000	-0.9907	-0.9907	0.0000
2023-11-30T14:31:14	7	0	1	1	0	1.0413	1.0407	-0.0006	-1	-1	0.0000
2023-11-30T14:31:32	3	0	6	6	0	1.0390	1.0390	-0.0001	0.994	0.994	0.0000
2023-11-30T14:33:02	1	0	22	21	1	1.0474	1.0474	0.0000	0.9992	0.9992	0.0000
2023-11-30T14:34:05	1	0	2	2	0	1.0070	1.0071	0.0001	0.9992	0.9993	-0.0001
2023-11-30T14:34:25	2	0	14	13	1	1.0530	1.0527	-0.0003	0.9857	0.9857	0.0000
2023-11-30T14:34:38	1	0	15	14	1	1.0512	1.0509	-0.0003	0.9855	0.9855	0.0000
2023-11-30T14:34:56	1	0	1	1	0	1.0581	1.0579	-0.0002	0.9967	0.9967	0.0000
2023-11-30T14:35:05	1	0	22	22	0	1.0507	1.0505	-0.0002	0.9964	0.9963	0.0001
2023-11-30T14:36:27	1	0	37	36	1	1.0531	1.0530	-0.0001	-0.9961	-0.9961	0.0000
2023-11-30T14:36:31	4	0	249	246	3	1.0596	1.0596	0.0000	-0.9734	-0.9734	0.0000

2023-11-30T14:36:51	2	0	14	13	1	1.0336	1.0352	0.0016	0.9704	0.9705	-0.0001
2023-11-30T14:37:20	2	0	3	3	0	1.0577	1.0575	-0.0002	0.9986	0.9986	0.0000
2023-11-30T14:37:28	1	0	2	2	0	1.0191	1.0191	-0.0001	-0.9993	-0.9993	0.0000
2023-11-30T14:38:04	1	0	4	4	0	1.0253	1.0253	0.0000	0.9883	0.9883	0.0000
2023-11-30T14:38:16	1	0	3	3	0	1.0045	1.0042	-0.0003	0.9531	0.948	0.0051
2023-11-30T14:38:38	1	0	4	4	0	1.0368	1.0368	0.0000	0.9868	0.9868	0.0000
2023-11-30T14:39:15	2	0	2	2	0	1.0389	1.0386	-0.0003	0.9948	0.9947	0.0001
2023-11-30T14:40:49	2	0	664	663	1	1.0624	1.0624	0.0000	0.9659	0.9658	0.0001
2023-11-30T14:41:58	3	0	21	21	0	1.0523	1.0523	0.0000	0.9968	0.9968	0.0000
2023-11-30T14:42:45	3	0	3	3	0	0.9585	0.9581	-0.0004	0.995	0.995	0.0000
2023-11-30T14:42:47	1	0	3	3	0	1.0425	1.0425	0.0000	0.9899	0.9899	0.0000
2023-11-30T14:43:18	2	0	1	1	0	1.0225	1.0204	-0.0021	0.9408	0.9077	0.0331
2023-11-30T14:43:35	1	0	3	3	0	1.0337	1.0337	0.0000	0.9984	0.9984	0.0000
2023-11-30T14:44:43	7	0	104	102	2	1.0540	1.0540	0.0000	-1	-1	0.0000
2023-11-30T14:46:07	1	0	52	51	1	1.0553	1.0553	0.0000	-0.9901	-0.99	-0.0001
2023-11-30T14:46:33	3	0	8	8	0	1.0355	1.0354	-0.0002	0.9925	0.9924	0.0001
2023-11-30T14:49:39	2	0	14	13	1	1.0489	1.0491	0.0002	0.9828	0.9827	0.0001
2023-11-30T14:51:32	1	0	221	221	0	1.0599	1.0599	0.0000	-0.9752	-0.9751	-0.0001
2023-11-30T14:53:17	1	0	161	152	9	0.9455	0.9461	0.0007	0.9349	0.9353	-0.0004
2023-11-30T14:56:47	1	0	256	256	0	1.0627	1.0627	0.0000	-0.9248	-0.9254	0.0006
2023-11-30T14:57:44	1	0	114	113	1	1.0510	1.0509	0.0000	0.9957	0.9957	0.0000
2023-11-30T14:57:46	3	0	2	2	0	0.9700	0.9698	-0.0002	0.9961	0.9961	0.0000
2023-11-30T15:02:23	1	0	3	3	0	1.0394	1.0393	-0.0001	0.9655	0.9653	0.0002
2023-11-30T15:03:04	3	0	45	42	3	1.0479	1.0493	0.0014	0.9999	0.9999	0.0000
2023-11-30T15:05:07	1	0	20	20	0	1.0468	1.0467	0.0000	0.9956	0.9956	0.0000
2023-11-30T15:06:33	3	0	241	238	3	1.0597	1.0597	0.0000	-0.9724	-0.9724	0.0000
2023-11-30T15:07:22	2	0	6	6	0	1.0076	1.0076	0.0000	0.9963	0.9953	0.0010
2023-11-30T15:07:50	2	0	11	11	0	1.0404	1.0403	-0.0001	-0.9968	-0.9969	0.0001
2023-11-30T15:09:39	1	0	2	2	0	1.0379	1.0377	-0.0002	0.9972	0.9972	0.0000
2023-11-30T15:22:23	1	0	5	5	0	1.0228	1.0227	0.0000	0.9983	0.9983	0.0000
2023-11-30T15:38:20	1	0	1	1	0	1.0162	1.0155	-0.0007	0.9568	0.9564	0.0004
2023-11-30T15:44:47	1	0	182	177	5	1.0557	1.0557	0.0000	-0.9995	-0.9995	0.0000
2023-11-30T15:59:48	1	0	101	100	1	1.0538	1.0538	0.0000	-0.9996	-0.9996	0.0000
2023-11-30T16:16:12	1	0	2	1	1	0.9448	0.9450	0.0001	0.9698	0.9698	0.0000
2023-11-30T16:22:27	1	0	1	1	0	0.9400	0.9400	0.0000	0.9966	0.9958	0.0008
2023-11-30T16:23:50	1	0	13	11	2	0.9943	1.0035	0.0092	1	1	0.0000
2023-11-30T16:42:29	1	0	1	1	0	0.9437	0.9442	0.0005	0.9726	0.9726	0.0000
2023-11-30T16:44:10	1	0	2	2	0	1.0468	1.0465	-0.0003	0.9963	0.9962	0.0001
2023-11-30T17:11:01	1	0	53	53	0	1.0547	1.0547	0.0000	0.9563	0.9591	-0.0028
2023-11-30T17:34:35	1	0	4	4	0	0.9409	0.9412	0.0003	0.9999	0.9999	0.0000
2023-11-30T17:37:32	1	0	36	36	0	0.9307	0.9307	0.0000	0.9927	0.9917	0.0010
2023-12-01T07:50:07	2	0	29	27	2	0.9419	0.9418	-0.0001	-0.959	-0.9579	-0.0011
2023-12-01T07:51:43	1	0	68	68	0	0.9259	0.9259	0.0001	0.9931	0.9929	0.0002
2023-12-01T07:55:26	2	0	40	41	-1	0.9446	0.9446	0.0000	-0.9941	-0.9938	-0.0003
2023-12-01T07:58:58	1	0	76	75	1	1.0559	1.0558	0.0000	-0.9594	-0.9589	-0.0005
2023-12-01T08:06:44	1	0	102	102	0	0.9182	0.9182	0.0000	0.9891	0.9888	0.0003
2023-12-01T08:10:27	1	0	83	83	0	0.9390	0.9391	0.0001	-0.996	-0.9957	-0.0003
2023-12-01T08:13:29	2	0	2	2	0	1.0264	1.0261	-0.0003	0.9999	0.9999	0.0000
2023-12-01T08:13:59	1	0	95	93	2	1.0568	1.0568	0.0000	-0.9654	-0.965	-0.0004
2023-12-01T08:18:08	1	0	71	71	0	0.9492	0.9495	0.0003	0.9879	0.9882	-0.0003
2023-12-01T08:20:09	1	0	279	279	0	0.9375	0.9375	0.0000	-0.9998	-0.9998	0.0000
2023-12-01T08:21:38	2	0	38	36	2	0.9587	0.9588	0.0001	0.9918	0.9918	0.0000
2023-12-01T08:29:10	5	0	19	19	0	1.0521	1.0520	-0.0001	0.9991	0.9991	0.0000
2023-12-01T08:33:19	1	0	25	25	0	0.9408	0.9409	0.0001	0.9669	0.9669	0.0000
2023-12-01T08:36:37	1	0	35	34	1	0.9398	0.9400	0.0002	-0.9995	-0.9994	-0.0001
2023-12-01T08:36:39	1	0	10	10	0	0.9740	0.9740	0.0000	0.9943	0.9944	-0.0001
2023-12-01T08:39:31	1	0	11	11	0	0.9666	0.9668	0.0002	0.995	0.9958	-0.0008
2023-12-01T08:49:51	1	0	249	249	0	0.8935	0.8935	0.0000	0.9093	0.9093	0.0000
2023-12-01T08:50:11	1	0	163	163	0	0.9417	0.9417	0.0000	-0.9986	-0.9986	0.0000
2023-12-01T08:54:32	2	0	59	52	7	0.9480	0.9486	0.0006	0.9973	0.9967	0.0006
2023-12-01T08:59:12	1	0	15	14	1	1.0494	1.0497	0.0003	0.9958	0.9957	0.0001
2023-12-01T09:05:12	1	0	138	138	0	0.9432	0.9434	0.0002	-0.9994	-0.9994	0.0000
2023-12-01T09:10:31	1	0	69	66	3	0.9402	0.9405	0.0002	-0.9963	-0.9961	-0.0002
2023-12-01T09:14:03	2	0	50	48	2	1.0542	1.0539	-0.0003	-0.9985	-0.9986	0.0001
2023-12-01T09:15:00	1	0	144	142	2	1.0532	1.0532	0.0000	1	1	0.0000
2023-12-01T09:19:53	2	0	336	329	7	0.9056	0.9008	-0.0048	0.8855	0.8856	-0.0001
2023-12-01T09:20:12	1	0	16	16	0	1.0497	1.0495	-0.0001	0.9826	0.9826	0.0000
2023-12-01T09:21:42	1	0	34	33	1	0.9487	0.9490	0.0003	0.9899	0.9901	-0.0002
2023-12-01T09:24:14	2	0	3	3	0	1.0500	1.0496	-0.0004	0.9925	0.9923	0.0002
2023-12-01T09:24:34	2	0	19	13	6	0.9405	0.9415	0.0011	0.9961	0.9946	0.0015
2023-12-01T09:29:37	1	0	12	11	1	1.0520	1.0517	-0.0003	0.9902	0.9902	0.0000
2023-12-01T09:30:52	5	0	11	11	0	1.0381	1.0380	-0.0001	-0.9983	-0.9983	0.0000
2023-12-01T09:31:31	1	0	47	46	1	1.0526	1.0526	-0.0001	0.9872	0.9872	0.0000
2023-12-01T09:33:23	4	0	9	9	0	0.9452	0.9457	0.0005	0.9666	0.967	-0.0004
2023-12-01T09:35:18	7	0	24	23	1	1.0499	1.0495	-0.0004	0.9995	0.9995	0.0000
2023-12-01T09:36:43	3	0	37	35	2	0.9686	0.9582	-0.0104	0.9874	0.9871	0.0003
2023-12-01T09:39:35	3	0	38	38	0	0.9574	0.9575	0.0000	0.9964	0.9964	0.0000
2023-12-01T09:39:37	2	0	2	0	2	1.0565	null	null	-0.9978	-0.9979	0.0001
2023-12-01T09:43:54	2	0	6	6	0	0.9559	0.9568	0.0009	-0.9746	-0.9736	-0.0010
2023-12-01T09:44:15	4	0	23	20	3	1.0532	1.0523	-0.0009	0.9963	0.9963	0.0000
2023-12-01T09:44:39	1	0	1	1	0	0.9440	0.9446	0.0006	0.9799	0.9799	0.0000
2023-12-01T09:45:34	2	0	1	1	0	0.9698	0.9702	0.0004	0.9957	0.9957	0.0000
2023-12-01T09:48:35	2	0	31	29	2	0.9402	0.9407	0.0005	-0.999	-0.999	0.0000
2023-12-01T09:50:14	1	0	16	16	0	1.0483	1.0481	-0.0002	0.9814	0.9813	0.0001
2023-12-01T09:50:19	3	0	24	22	2	1.0499	1.0499	0.0000	0.9997	0.9997	0.0000

2023-12-01T09:51:51	1	0	95	93	2	0.9187	0.9190	0.0003	0.991	0.991	0.0000
2023-12-01T09:54:59	2	0	7	7	0	0.9508	0.9511	0.0004	0.9792	0.9793	-0.0001
2023-12-01T09:55:36	1	0	1	1	0	0.9909	0.9906	-0.0003	0.9482	0.9519	-0.0037
2023-12-01T09:56:04	1	0	9	9	0	1.0043	1.0045	0.0002	0.9998	0.9998	0.0000
2023-12-01T09:56:31	1	0	33	33	0	0.9339	0.9339	0.0000	0.9945	0.9943	0.0002
2023-12-01T09:58:55	1	0	4	4	0	0.9936	0.9935	-0.0001	-0.9734	-0.9734	0.0000
2023-12-01T09:59:16	3	0	15	15	0	1.0503	1.0502	-0.0001	0.996	0.9961	-0.0001
2023-12-01T09:59:39	1	0	13	12	1	1.0528	1.0524	-0.0004	0.9912	0.9912	0.0000
2023-12-01T10:00:07	1	0	1	1	0	1.0294	1.0290	-0.0004	-0.9986	-0.9986	0.0000
2023-12-01T10:01:33	1	0	119	118	1	1.0557	1.0557	0.0000	0.9867	0.9867	0.0000
2023-12-01T10:02:02	4	0	5	5	0	1.0403	1.0396	-0.0007	0.9992	0.9992	0.0000
2023-12-01T10:02:45	2	0	30	29	1	0.9518	0.9524	0.0006	0.9734	0.9736	-0.0002
2023-12-01T10:04:45	1	0	15	14	1	1.0504	1.0508	0.0003	0.9998	0.9997	0.0001
2023-12-01T10:04:56	4	0	262	261	1	0.8885	0.8893	0.0007	0.8988	0.8981	0.0007
2023-12-01T10:05:03	2	0	6	6	0	1.0508	1.0502	-0.0005	-0.91	-0.9105	0.0005
2023-12-01T10:05:16	1	0	133	133	0	0.9454	0.9454	0.0000	-0.9999	-0.9999	0.0000
2023-12-01T10:05:20	6	0	25	25	0	1.0517	1.0514	-0.0003	0.9999	0.9999	0.0000
2023-12-01T10:06:23	1	0	8	8	0	0.9796	0.9794	-0.0002	0.9995	0.9995	0.0000
2023-12-01T10:06:45	1	0	17	17	0	1.0435	1.0435	0.0000	0.9934	0.9934	0.0000
2023-12-01T10:06:52	2	0	79	79	0	0.9261	0.9262	0.0000	0.9862	0.986	0.0002
2023-12-01T10:09:37	1	0	11	11	0	0.9732	0.9568	-0.0164	0.9958	0.9958	0.0000
2023-12-01T10:10:30	2	0	1	1	0	1.0086	1.0072	-0.0014	0.9999	0.9999	0.0000
2023-12-01T10:10:45	1	0	3	3	0	1.0147	1.0147	0.0000	0.99	0.9901	-0.0001
2023-12-01T10:11:42	1	0	12	11	1	1.0525	1.0519	-0.0007	0.9841	0.9839	0.0002
2023-12-01T10:13:09	1	0	99	97	2	1.0556	1.0556	0.0000	0.9722	0.9722	0.0000
2023-12-01T10:13:39	1	0	1	1	0	1.0316	1.0304	-0.0012	0.9996	0.9996	0.0000
2023-12-01T10:15:04	1	0	68	67	1	1.0512	1.0511	-0.0001	-1	-1	0.0000
2023-12-01T10:15:57	1	0	12	12	0	1.0403	1.0402	-0.0001	-0.9983	-0.9983	0.0000
2023-12-01T10:16:13	1	0	1	1	0	1.0240	1.0236	-0.0004	-0.9862	-0.9862	0.0000
2023-12-01T10:17:03	1	0	6	6	0	1.0428	1.0425	-0.0003	0.9991	0.9991	0.0000
2023-12-01T10:17:14	1	0	1	1	0	1.0404	1.0401	-0.0003	0.9764	0.9763	0.0001
2023-12-01T10:18:36	1	0	2	2	0	0.9914	0.9913	-0.0002	0.9943	0.9943	0.0000
2023-12-01T10:20:17	1	0	128	128	0	0.9445	0.9445	0.0000	-1	-1	0.0000
2023-12-01T10:23:19	5	0	1	0	1	0.9447	null	null	0.9964	0.9965	-0.0001
2023-12-01T10:24:15	2	0	13	13	0	1.0385	1.0384	-0.0001	0.9723	0.972	0.0003
2023-12-01T10:24:15	1	0	1	1	0	0.9934	0.9938	0.0004	0.9822	0.9823	-0.0001
2023-12-01T10:24:38	1	0	10	10	0	0.9845	0.9844	0.0000	0.9961	0.9961	0.0000
2023-12-01T10:25:36	2	0	57	55	2	0.9423	0.9425	0.0002	-0.9955	-0.9951	-0.0004
2023-12-01T10:25:38	1	0	219	219	0	0.9134	0.9134	0.0000	0.9337	0.9248	0.0089
2023-12-01T10:26:03	2	0	3	3	0	0.9822	0.9835	0.0014	0.9935	0.9935	0.0000
2023-12-01T10:29:41	1	0	9	9	0	1.0514	1.0513	-0.0001	0.9905	0.9905	0.0000
2023-12-01T10:30:58	1	0	11	11	0	1.0389	1.0389	0.0000	-0.9985	-0.9985	0.0000
2023-12-01T10:32:15	1	0	1	0	1	0.9341	null	null	0.9773	0.9773	0.0000
2023-12-01T10:33:27	1	0	1	1	0	0.9442	0.9445	0.0003	0.9654	0.9652	0.0002
2023-12-01T10:33:54	1	0	1	1	0	1.0310	1.0307	-0.0003	0.9973	0.9973	0.0000
2023-12-01T10:34:40	4	0	4	4	0	1.0483	1.0475	-0.0008	0.9988	0.9987	0.0001
2023-12-01T10:34:53	2	0	3	3	0	1.0259	1.0257	-0.0002	0.9971	0.9971	0.0000
2023-12-01T10:35:16	1	0	3	0	3	0.9487	null	null	0.981	0.9814	-0.0004
2023-12-01T10:35:17	2	0	27	26	1	1.0530	1.0530	0.0000	0.9826	0.9826	0.0000
2023-12-01T10:36:47	1	0	16	16	0	0.9540	0.9540	0.0000	0.9882	0.9882	0.0000
2023-12-01T10:39:39	1	0	24	22	2	0.9864	0.9865	0.0002	0.9944	0.9944	0.0000
2023-12-01T10:40:13	1	0	8	8	0	1.0479	1.0477	-0.0002	-1	-1	0.0000
2023-12-01T10:40:37	1	0	27	26	1	0.9425	0.9427	0.0003	-0.9957	-0.9939	-0.0018
2023-12-01T10:41:04	1	0	2	2	0	1.0098	1.0100	0.0002	0.9924	0.9924	0.0000
2023-12-01T10:43:34	1	0	7	7	0	0.9604	0.9603	-0.0001	0.9906	0.9905	0.0001
2023-12-01T10:46:59	1	0	4	4	0	1.0286	1.0283	-0.0003	0.9931	0.9929	0.0002
2023-12-01T10:47:12	1	0	1	0	1	1.0555	null	null	0.983	0.983	0.0000
2023-12-01T10:48:42	1	0	1	1	0	1.0121	1.0118	-0.0003	0.9926	0.9925	0.0001
2023-12-01T10:48:52	1	0	2	2	0	1.0355	1.0354	-0.0002	-0.9965	-0.9965	0.0000
2023-12-01T10:49:57	2	0	4	4	0	1.0427	1.0426	-0.0002	0.9985	0.9984	0.0001
2023-12-01T10:50:18	1	0	21	20	1	1.0508	1.0505	-0.0003	0.9823	0.9821	0.0002
2023-12-01T10:50:23	4	0	30	30	0	1.0516	1.0514	-0.0002	0.9999	0.9999	0.0000
2023-12-01T10:50:26	1	0	3	3	0	1.0415	1.0412	-0.0003	-0.9991	-0.9991	0.0000
2023-12-01T10:52:45	2	0	1	1	0	0.9681	0.9693	0.0012	0.9727	0.9725	0.0002
2023-12-01T10:53:21	4	0	22	21	1	0.9416	0.9419	0.0003	0.993	0.993	0.0000
2023-12-01T10:57:31	1	0	80	80	0	1.1462	1.1442	-0.0020	-0.9981	-0.9981	0.0000
2023-12-01T10:58:12	2	0	152	150	2	1.0565	1.0564	-0.0001	0.9767	0.9762	0.0005
2023-12-01T11:00:11	2	0	2	1	1	1.0450	1.0301	-0.0149	-0.9981	-0.9981	0.0000
2023-12-01T11:01:32	1	0	42	40	2	0.9415	0.9414	-0.0001	0.9931	0.9932	-0.0001
2023-12-01T11:02:06	3	0	10	9	1	1.0470	1.0458	-0.0012	0.9989	0.9989	0.0000
2023-12-01T11:02:13	1	0	1	0	1	1.0554	null	null	0.9785	0.9784	0.0001
2023-12-01T11:02:49	2	0	20	19	1	0.9756	0.9713	-0.0043	0.9714	0.9715	-0.0001
2023-12-01T11:03:19	1	0	2	2	0	0.9866	0.9871	0.0005	0.9877	0.9875	0.0002
2023-12-01T11:03:29	1	0	1	0	1	1.0554	null	null	0.97	0.9699	0.0001
2023-12-01T11:03:49	1	0	2	2	0	0.9987	0.9985	-0.0001	-0.9924	-0.9924	0.0000
2023-12-01T11:05:20	1	0	106	106	0	0.9466	0.9466	0.0000	-0.9997	-0.9997	0.0000
2023-12-01T11:06:27	1	0	10	10	0	0.9692	0.9694	0.0002	0.9984	0.9985	-0.0001
2023-12-01T11:07:39	1	0	1	1	0	1.0556	1.0552	-0.0004	0.9951	0.995	0.0001
2023-12-01T11:10:39	3	0	92	92	0	0.9338	0.9339	0.0001	-0.9978	-0.9979	0.0001
2023-12-01T11:14:21	1	0	23	23	0	1.0525	1.0525	0.0000	0.9958	0.9958	0.0000
2023-12-01T11:15:08	1	0	119	117	2	1.0534	1.0534	0.0000	-1	-1	0.0000
2023-12-01T11:15:12	1	0	3	2	1	1.0431	1.0343	-0.0088	-0.9982	-0.9982	0.0000
2023-12-01T11:15:42	9	0	3	3	0	0.9994	1.0001	0.0007	0.9926	0.929	0.0636
2023-12-01T11:17:14	1	0	1	1	0	1.0555	1.0553	-0.0002	0.981	0.981	0.0000
2023-12-01T11:18:30	1	0	3	3	0	1.0472	1.0471	-0.0001	0.9707	0.9705	0.0002

2023-12-01T11:18:41	5	0	104	102	2	0.9149	0.9153	0.0005	0.9991	0.9991	0.0000
2023-12-01T11:20:13	1	0	5	5	0	1.0331	1.0328	-0.0002	-0.9931	-0.9932	0.0001
2023-12-01T11:20:21	1	0	60	59	1	0.9416	0.9416	-0.0001	-0.9972	-0.9972	0.0000
2023-12-01T11:20:33	3	0	130	127	3	1.0557	1.0557	0.0000	-0.9751	-0.9751	0.0000
2023-12-01T11:20:49	2	0	5	5	0	1.0546	1.0543	-0.0003	-0.9788	-0.9793	0.0005
2023-12-01T11:22:40	1	0	2	2	0	1.0478	1.0476	-0.0002	0.995	0.995	0.0000
2023-12-01T11:24:42	1	0	16	15	1	0.9968	0.9902	-0.0065	0.9953	0.9961	-0.0008
2023-12-01T11:26:40	1	0	1	1	0	1.0566	1.0556	-0.0010	-1	-1	0.0000
2023-12-01T11:26:44	2	0	28	28	0	1.0540	1.0540	0.0000	-1	-1	0.0000
2023-12-01T11:28:14	3	0	140	139	1	1.0568	1.0568	0.0000	0.9741	0.9741	0.0000
2023-12-01T11:28:37	1	0	5	5	0	0.9527	0.9527	0.0000	0.9921	0.9921	0.0000
2023-12-01T11:30:09	2	0	173	171	2	1.0543	1.0543	0.0000	1	1	0.0000
2023-12-01T11:31:34	1	0	24	24	0	0.9423	0.9423	0.0000	0.9934	0.9934	0.0000
2023-12-01T11:33:21	1	0	2	2	0	0.9887	0.9887	0.0000	0.9878	0.9876	0.0002
2023-12-01T11:35:20	1	0	2	2	0	0.9522	0.9523	0.0001	0.9802	0.9802	0.0000
2023-12-01T11:35:34	3	0	144	141	3	1.0566	1.0565	-0.0001	-0.9768	-0.9767	-0.0001
2023-12-01T11:40:00	1	0	127	127	0	1.0557	1.0558	0.0000	0.9872	0.9872	0.0000
2023-12-01T11:41:45	1	0	24	21	3	1.0537	1.0534	-0.0004	-0.9999	-0.9999	0.0000
2023-12-01T11:43:45	2	0	2	2	0	1.0250	1.0247	-0.0003	0.9995	0.9995	0.0000
2023-12-01T11:46:35	1	0	7	7	0	0.9445	0.9445	0.0000	0.9943	0.9942	0.0001
2023-12-01T11:47:52	1	0	7	7	0	1.0524	1.0524	0.0000	0.9742	0.9743	-0.0001
2023-12-01T11:48:22	1	0	72	72	0	0.9542	0.9541	-0.0001	0.9867	0.987	-0.0003
2023-12-01T11:48:43	9	0	61	59	2	0.9271	0.9279	0.0009	-0.9991	-0.9991	0.0000
2023-12-01T11:50:35	2	0	148	145	3	1.0571	1.0571	0.0000	-0.9738	-0.9737	-0.0001
2023-12-01T11:54:44	5	0	4	5	-1	1.0255	1.0123	-0.0131	0.9958	0.9958	0.0000
2023-12-01T11:58:16	2	0	380	381	-1	1.0610	1.0610	0.0000	0.9835	0.9836	-0.0001
2023-12-01T11:58:19	1	0	1	1	0	1.0268	1.0264	-0.0004	0.9955	0.9954	0.0001
2023-12-01T11:59:47	3	0	17	16	1	1.0539	1.0537	-0.0002	0.9907	0.9907	0.0000
2023-12-01T12:01:29	1	0	1	1	0	1.0243	1.0238	-0.0005	0.9915	0.9917	-0.0002
2023-12-01T12:01:36	1	0	13	13	0	0.9427	0.9428	0.0000	0.9938	0.9938	0.0000
2023-12-01T12:03:23	1	0	71	71	0	0.9557	0.9557	0.0000	0.9864	0.9866	-0.0002
2023-12-01T12:05:24	1	0	2	2	0	0.9442	0.9442	0.0000	-0.9973	-0.9973	0.0000
2023-12-01T12:05:31	1	0	24	23	1	1.0468	1.0468	0.0000	-0.9972	-0.9972	0.0000
2023-12-01T12:09:45	5	0	4	5	-1	1.0534	1.0518	-0.0016	0.9983	0.9983	0.0000
2023-12-01T12:11:10	1	0	4	4	0	1.0501	1.0501	0.0000	0.9951	0.9951	0.0000
2023-12-01T12:19:54	1	0	86	84	2	1.0563	1.0559	-0.0003	-0.9941	-0.9944	0.0003
2023-12-01T12:28:03	1	0	40	39	1	1.0519	1.0518	-0.0001	0.9992	0.9991	0.0001
2023-12-01T12:28:41	1	0	4	4	0	0.9434	0.9434	0.0000	0.9914	0.9914	0.0000
2023-12-01T12:41:45	1	0	1	2	-1	1.0569	1.0513	-0.0056	-1	-1	0.0000
2023-12-01T12:45:15	3	0	2	2	0	0.9750	0.9744	-0.0005	0.9993	0.9993	0.0000
2023-12-01T12:52:19	1	0	10	10	0	1.0484	1.0484	0.0000	-0.9947	-0.9947	0.0000
2023-12-01T12:56:53	1	0	11	10	1	1.0516	1.0510	-0.0006	0.9846	0.9844	0.0002
2023-12-01T12:58:52	1	0	2	2	0	1.0241	1.0240	-0.0001	0.997	0.997	0.0000
2023-12-01T13:00:36	1	0	9	8	1	1.0462	1.0462	0.0000	0.9866	0.9866	0.0000
2023-12-01T13:02:25	1	0	1	1	0	1.0152	1.0151	-0.0001	0.981	0.981	0.0000
2023-12-01T13:29:41	1	0	2	1	1	1.0552	1.0550	-0.0003	0.9834	0.9834	0.0000
2023-12-01T13:34:59	1	0	86	86	0	1.0574	1.0572	-0.0003	-0.9941	-0.9944	0.0003
2023-12-01T13:45:18	2	0	78	76	2	1.0477	1.0475	-0.0002	0.9965	0.9966	-0.0001
2023-12-01T13:45:19	2	0	3	3	0	0.9861	0.9858	-0.0003	0.9994	0.9994	0.0000
2023-12-01T13:59:28	1	0	43	42	1	1.0507	1.0506	-0.0001	-0.9963	-0.9963	0.0000
2023-12-01T14:00:20	3	0	2	2	0	0.9749	0.9744	-0.0005	0.9996	0.9995	0.0001
2023-12-01T14:01:59	1	0	1	0	1	1.0399	null	null	0.9995	0.9995	0.0000
2023-12-01T14:03:02	1	0	7	7	0	1.0522	1.0522	0.0000	0.9721	0.9722	-0.0001
2023-12-01T14:05:07	3	0	13	12	1	1.0398	1.0387	-0.0011	0.9989	0.9989	0.0000
2023-12-01T14:05:44	2	0	144	142	2	1.0574	1.0574	0.0000	-0.9772	-0.9771	-0.0001
2023-12-01T14:11:55	1	0	46	46	0	1.0556	1.0556	0.0000	1	1	0.0000
2023-12-01T14:13:47	1	0	1	0	1	1.0451	null	null	0.9764	0.9762	0.0002
2023-12-01T14:14:12	2	0	5	6	-1	0.9921	0.9841	-0.0080	-0.9964	-0.9964	0.0000
2023-12-01T14:14:29	1	0	38	37	1	1.0506	1.0506	0.0001	-0.9971	-0.9971	0.0000
2023-12-01T14:14:56	1	0	60	59	1	1.0564	1.0564	0.0000	0.9922	0.9922	0.0000
2023-12-01T14:15:52	1	0	2	2	0	1.0429	1.0429	0.0000	0.9974	0.9974	0.0000
2023-12-01T14:16:13	5	0	10	10	0	1.0416	1.0416	0.0000	-1	-1	0.0000
2023-12-01T14:17:00	1	0	1	1	0	1.0380	1.0377	-0.0003	0.9995	0.9994	0.0001
2023-12-01T14:18:53	4	0	44	44	0	0.9365	0.9366	0.0000	-1	-1	0.0000
2023-12-01T14:21:29	1	0	1	1	0	1.0336	1.0336	0.0000	0.9862	0.9862	0.0000
2023-12-01T14:21:49	2	0	11	11	0	1.0502	1.0502	-0.0001	-0.9999	-0.9999	0.0000
2023-12-01T14:26:19	1	0	2	2	0	1.0480	1.0479	-0.0002	0.9944	0.9943	0.0001
2023-12-01T14:26:56	1	0	41	41	0	1.0556	1.0556	0.0000	-1	-1	0.0000
2023-12-01T14:28:26	1	0	189	189	0	1.0572	1.0572	0.0000	0.964	0.9637	0.0003
2023-12-01T14:28:48	1	0	2	2	0	1.0400	1.0399	-0.0001	0.9759	0.9753	0.0006
2023-12-01T14:29:13	1	0	2	2	0	1.0479	1.0478	-0.0001	-0.9963	-0.9963	0.0000
2023-12-01T14:30:25	1	0	2	2	0	1.0488	1.0486	-0.0002	0.9988	0.9988	0.0000
2023-12-01T14:32:05	1	0	25	24	1	1.0495	1.0492	-0.0002	-0.9808	-0.9807	-0.0001
2023-12-01T14:32:32	4	0	39	39	0	1.0507	1.0507	0.0000	0.9909	0.9909	0.0000
2023-12-01T14:34:59	1	0	4	4	0	1.0385	1.0384	-0.0001	0.9632	0.9631	0.0001
2023-12-01T14:35:12	1	0	18	17	1	1.0552	1.0550	-0.0001	0.9985	0.9985	0.0000
2023-12-01T14:35:14	1	0	162	162	0	0.9212	0.9212	0.0000	0.9143	0.9141	0.0002
2023-12-01T14:39:35	1	0	8	8	0	1.0537	1.0537	-0.0001	0.9946	0.9944	0.0002
2023-12-01T14:43:06	2	0	10	10	0	1.0339	1.0339	0.0000	0.971	0.971	0.0000
2023-12-01T14:43:27	2	0	358	354	4	1.0598	1.0597	0.0000	0.9728	0.9727	0.0001
2023-12-01T14:43:49	1	0	1	1	0	1.0456	1.0455	-0.0001	0.9756	0.9755	0.0001
2023-12-01T14:44:14	2	0	3	3	0	0.9848	0.9850	0.0002	-0.9971	-0.997	-0.0001
2023-12-01T14:44:46	1	0	1	1	0	1.0340	1.0335	-0.0005	0.9826	0.9825	0.0001
2023-12-01T14:44:58	1	0	43	41	2	1.0560	1.0560	0.0000	0.992	0.992	0.0000
2023-12-01T14:46:31	1	0	3	3	0	1.0282	1.0284	0.0002	-0.9859	-0.9858	-0.0001

2023-12-01T14:47:02	1	0	2	2	0	1.0394	1.0392	-0.0003	0.9982	0.9982	0.0000
2023-12-01T14:47:21	1	0	15	14	1	1.0491	1.0486	-0.0005	0.9991	0.9991	0.0000
2023-12-01T14:48:55	13	0	13	7	6	1.0482	1.0468	-0.0014	-0.9956	-0.996	0.0004
2023-12-01T14:50:10	1	0	6	6	0	1.0345	1.0344	-0.0001	0.9989	0.9989	0.0000
2023-12-01T14:53:19	5	0	6	6	0	1.0293	1.0290	-0.0003	0.9998	0.9998	0.0000
2023-12-01T14:54:57	1	0	13	13	0	0.9691	0.9692	0.0001	0.9953	0.9953	0.0000
2023-12-01T15:00:44	1	0	15	15	0	1.0474	1.0474	0.0000	0.9881	0.9881	0.0000
2023-12-01T15:01:16	1	0	10	10	0	1.0391	1.0390	-0.0001	1	1	0.0000
2023-12-01T15:02:03	1	0	3	3	0	1.0381	1.0380	-0.0002	0.9984	0.9984	0.0000
2023-12-01T15:02:33	3	0	3	3	0	1.0252	1.0250	-0.0003	0.9805	0.9803	0.0002
2023-12-01T15:10:09	1	0	4	4	0	0.9966	0.9965	-0.0001	-0.9999	-0.9999	0.0000
2023-12-01T15:10:56	1	0	2	2	0	0.9433	0.9435	0.0001	-0.9952	-0.995	-0.0002
2023-12-01T15:13:29	1	0	399	398	1	1.0590	1.0590	0.0000	0.965	0.965	0.0000
2023-12-01T15:13:51	1	0	3	3	0	1.0466	1.0463	-0.0003	0.9753	0.9752	0.0001
2023-12-01T15:15:58	6	0	4	3	1	1.0543	1.0464	-0.0079	0.9641	0.9417	0.0224
2023-12-01T15:17:34	2	0	2	2	0	1.0197	1.0193	-0.0004	0.9821	0.982	0.0001
2023-12-01T15:19:19	2	0	1	0	1	0.9448	null	null	0.9706	0.9707	-0.0001
2023-12-01T15:30:59	6	0	60	60	0	1.0672	1.0659	-0.0014	0.9923	0.9929	-0.0006
2023-12-01T15:31:18	1	0	10	10	0	1.0374	1.0373	-0.0001	-1	-1	0.0000
2023-12-01T15:35:45	1	0	43	43	0	1.0488	1.0488	0.0000	-0.9942	-0.9943	0.0001
2023-12-01T15:49:00	2	0	1	0	1	0.9444	null	null	0.998	0.9981	-0.0001
2023-12-01T15:50:51	1	0	146	144	2	1.0577	1.0576	0.0000	-0.977	-0.9769	-0.0001
2023-12-01T16:01:01	1	0	41	41	0	1.0560	1.0560	0.0000	1	1	0.0000
2023-12-01T16:04:22	2	0	3	2	1	0.9439	0.9439	0.0000	0.971	0.9709	0.0001
2023-12-01T16:10:49	1	0	4	4	0	1.0176	1.0175	-0.0002	0.9887	0.9901	-0.0014
2023-12-01T16:36:49	1	0	3	3	0	1.0250	1.0251	0.0001	0.9995	0.9995	0.0000
2023-12-01T16:58:02	1	0	341	333	8	0.9237	0.9266	0.0029	0.9895	0.9895	0.0000
2023-12-01T18:04:30	1	0	48	48	0	0.9402	0.9402	0.0000	0.9728	0.973	-0.0002
2023-12-01T18:07:24	1	0	128	128	0	0.9209	0.9209	0.0000	0.9861	0.9861	0.0000
2023-12-01T18:20:36	1	0	6	6	0	1.0508	1.0508	0.0000	-0.9168	-0.9168	0.0000
2023-12-01T18:22:25	1	0	71	70	1	0.9266	0.9267	0.0000	0.9866	0.9863	0.0003
2023-12-01T18:31:30	1	0	13	13	0	1.0388	1.0388	0.0000	-1	-1	0.0000
2023-12-02T07:50:13	2	0	136	135	1	0.9377	0.9378	0.0001	0.9988	0.9989	-0.0001
2023-12-02T07:51:48	1	0	86	86	0	0.9232	0.9232	0.0001	0.9929	0.9931	-0.0002
2023-12-02T08:06:49	1	0	58	58	0	0.9268	0.9269	0.0000	0.9948	0.9951	-0.0003
2023-12-02T08:20:15	1	0	165	165	0	0.9370	0.9370	0.0000	0.9985	0.9986	-0.0001
2023-12-02T08:29:16	1	0	5	5	0	1.0447	1.0447	0.0000	0.9999	0.9999	0.0000
2023-12-02T08:39:42	1	0	38	37	1	0.9300	0.9300	0.0000	0.9975	0.9968	0.0007
2023-12-02T08:50:17	1	0	154	154	0	0.9365	0.9365	0.0000	0.9989	0.999	-0.0001
2023-12-02T08:59:07	2	0	20	18	2	1.0519	1.0515	-0.0004	-0.942	-0.9414	-0.0006
2023-12-02T09:04:57	2	0	235	236	-1	0.9212	0.9211	0.0000	0.9175	0.9175	0.0000
2023-12-02T09:05:18	1	0	163	160	3	0.9358	0.9362	0.0004	0.9981	0.9983	-0.0002
2023-12-02T09:06:53	1	0	62	59	3	0.9273	0.9275	0.0003	0.9943	0.9945	-0.0002
2023-12-02T09:09:44	1	0	4	4	0	0.9591	0.9590	-0.0001	0.9981	0.9986	-0.0005
2023-12-02T09:14:19	1	0	5	5	0	1.0466	1.0466	0.0000	0.9998	0.9999	-0.0001
2023-12-02T09:17:15	2	0	3	3	0	1.0284	1.0280	-0.0004	0.9911	0.9911	0.0000
2023-12-02T09:18:15	1	0	5	5	0	0.9615	0.9618	0.0003	0.9914	0.9913	0.0001
2023-12-02T09:31:45	2	0	4	4	0	1.0341	1.0339	-0.0002	-0.9959	-0.996	0.0001
2023-12-02T09:33:37	5	0	140	135	5	0.9140	0.9146	0.0005	-0.9977	-0.9977	0.0000
2023-12-02T09:35:17	1	0	7	7	0	1.0487	1.0484	-0.0003	0.9894	0.9894	0.0000
2023-12-02T09:36:48	3	0	2	2	0	1.0215	1.0214	-0.0002	0.9988	0.9988	0.0000
2023-12-02T09:39:19	2	0	5	5	0	1.0477	1.0470	-0.0007	0.9972	0.997	0.0002
2023-12-02T09:39:46	1	0	28	28	0	0.9331	0.9331	0.0000	0.9982	0.9982	0.0000
2023-12-02T09:40:40	1	0	648	649	-1	0.8513	0.8515	0.0002	0.9132	0.9132	0.0000
2023-12-02T09:43:39	1	0	1	1	0	1.0309	1.0300	-0.0009	0.9987	0.9987	0.0000
2023-12-02T09:43:58	2	0	5	5	0	0.9425	0.9435	0.0010	-0.9927	-0.9923	-0.0004
2023-12-02T09:45:39	2	0	2	2	0	0.9743	0.9744	0.0002	0.9979	0.9979	0.0000
2023-12-02T09:45:41	1	0	1	1	0	1.0382	1.0379	-0.0003	0.9798	0.9795	0.0003
2023-12-02T09:50:00	3	0	8	8	0	0.9796	0.9794	-0.0003	0.9589	0.9584	0.0005
2023-12-02T09:50:18	1	0	5	5	0	1.0469	1.0466	-0.0003	0.9893	0.9893	0.0000
2023-12-02T09:50:23	4	0	10	9	1	1.0479	1.0476	-0.0004	-0.9996	-0.9996	0.0000
2023-12-02T09:54:47	1	0	8	8	0	0.9596	0.9596	-0.0001	0.9981	0.9981	0.0000
2023-12-02T09:55:27	1	0	6	6	0	1.0266	1.0265	-0.0001	0.9888	0.9901	-0.0013
2023-12-02T09:55:35	2	0	1	0	1	1.0060	null	null	-0.9997	-0.9997	0.0000
2023-12-02T09:56:10	1	0	12	12	0	1.0509	1.0509	-0.0001	0.9998	0.9998	0.0000
2023-12-02T09:59:00	1	0	5	5	0	0.9667	0.9666	-0.0001	-0.9914	-0.9913	-0.0001
2023-12-02T10:00:12	1	0	1	1	0	1.0196	1.0193	-0.0003	0.9904	0.9903	0.0001
2023-12-02T10:00:42	7	0	21	12	9	1.0542	1.0525	-0.0017	0.9601	0.9616	-0.0015
2023-12-02T10:01:00	1	0	3	3	0	1.0220	1.0219	-0.0002	-0.9973	-0.9973	0.0000
2023-12-02T10:03:30	3	0	1	1	0	0.9816	0.9829	0.0013	0.9844	0.9847	-0.0003
2023-12-02T10:03:39	2	0	132	130	2	0.9145	0.9148	0.0003	-0.9978	-0.9978	0.0000
2023-12-02T10:04:48	1	0	3	1	2	1.0549	1.0481	-0.0068	-0.9941	-0.9946	0.0005
2023-12-02T10:05:22	1	0	217	217	0	0.9313	0.9314	0.0000	0.9984	0.9985	-0.0001
2023-12-02T10:06:26	1	0	3	3	0	1.0418	1.0414	-0.0004	-0.9996	-0.9996	0.0000
2023-12-02T10:06:50	1	0	2	2	0	1.0195	1.0192	-0.0002	0.9987	0.9988	-0.0001
2023-12-02T10:09:48	1	0	7	7	0	0.9614	0.9613	-0.0001	0.9975	0.9975	0.0000
2023-12-02T10:10:42	2	0	5	5	0	1.0255	1.0250	-0.0005	0.9683	0.968	0.0003
2023-12-02T10:12:15	2	0	1	1	0	0.9811	0.9816	0.0005	-0.9948	-0.9947	-0.0001
2023-12-02T10:13:37	1	0	1	1	0	1.0270	1.0265	-0.0005	0.9978	0.9977	0.0001
2023-12-02T10:16:01	1	0	1	1	0	1.0246	1.0243	-0.0003	-0.9977	-0.9977	0.0000
2023-12-02T10:18:19	1	0	3	1	2	0.9733	1.0310	0.0577	0.9911	0.9911	0.0000
2023-12-02T10:18:40	1	0	1	1	0	0.9435	0.9442	0.0007	0.9999	0.9999	0.0000
2023-12-02T10:20:02	1	0	21	21	0	0.9585	0.9585	0.0000	0.9444	0.9442	0.0002
2023-12-02T10:20:15	1	0	3	3	0	1.0466	1.0464	-0.0002	-0.9999	-0.9999	0.0000
2023-12-02T10:20:23	1	0	190	190	0	0.9342	0.9342	0.0000	0.9962	0.9964	-0.0002

2023-12-02T10:25:13	1	0	7	7	0	1.0455	1.0455	0.0000	0.9949	0.9949	0.0000
2023-12-02T10:25:25	4	0	16	16	0	1.0309	1.0308	-0.0001	0.9742	0.974	0.0002
2023-12-02T10:26:48	1	0	18	17	1	1.0553	1.0553	0.0000	0.9923	0.9923	0.0000
2023-12-02T10:27:16	2	0	2	2	0	0.9855	0.9857	0.0001	-0.9951	-0.995	-0.0001
2023-12-02T10:31:05	3	0	1	0	1	1.0424	null	null	0.9903	0.9904	-0.0001
2023-12-02T10:32:11	5	0	13	8	5	1.0483	1.0467	-0.0016	-0.9993	-0.9994	0.0001
2023-12-02T10:33:20	1	0	7	7	0	0.9565	0.9568	0.0003	0.9919	0.9917	0.0002
2023-12-02T10:33:41	3	0	2	2	0	1.0398	1.0391	-0.0007	-0.987	-0.9872	0.0002
2023-12-02T10:33:58	1	0	2	2	0	1.0336	1.0332	-0.0003	0.9992	0.9992	0.0000
2023-12-02T10:34:47	4	0	6	6	0	1.0478	1.0472	-0.0005	-0.9991	-0.9992	0.0001
2023-12-02T10:34:50	1	0	4	4	0	1.0550	1.0549	-0.0002	-0.9949	-0.9952	0.0003
2023-12-02T10:35:02	1	0	32	32	0	1.0547	1.0546	-0.0001	0.9972	0.9972	0.0000
2023-12-02T10:35:06	2	0	2	1	1	1.0457	1.0451	-0.0006	-0.8762	-0.877	0.0008
2023-12-02T10:35:26	2	0	8	8	0	1.0449	1.0448	-0.0001	-0.9996	-0.9996	0.0000
2023-12-02T10:40:16	1	0	12	12	0	1.0504	1.0503	-0.0001	0.9978	0.9977	0.0001
2023-12-02T10:41:05	1	0	2	2	0	1.0522	1.0520	-0.0003	0.99	0.99	0.0000
2023-12-02T10:41:42	1	0	1	1	0	1.0327	1.0322	-0.0005	0.9942	0.9942	0.0000
2023-12-02T10:45:15	2	0	2	1	1	1.0409	1.0230	-0.0179	0.9908	0.9908	0.0000
2023-12-02T10:45:45	1	0	2	2	0	1.0224	1.0221	-0.0003	0.942	0.9414	0.0006
2023-12-02T10:47:04	1	0	2	2	0	1.0346	1.0343	-0.0003	0.9969	0.9968	0.0001
2023-12-02T10:47:21	1	0	2	3	-1	1.0273	1.0299	0.0026	0.9902	0.9902	0.0000
2023-12-02T10:48:53	1	0	1	1	0	1.0234	1.0231	-0.0003	-0.9786	-0.9786	0.0000
2023-12-02T10:50:31	3	0	16	13	3	1.0452	1.0452	-0.0001	-0.9977	-0.9978	0.0001
2023-12-02T10:50:52	2	0	3	3	0	1.0485	1.0482	-0.0003	-0.9999	-1	0.0001
2023-12-02T10:52:43	1	0	1	2	-1	1.0565	1.0499	-0.0066	0.9892	0.9891	0.0001
2023-12-02T10:54:06	1	0	20	20	0	1.0485	1.0484	-0.0001	0.9877	0.9876	0.0001
2023-12-02T10:54:51	1	0	4	4	0	1.0414	1.0413	-0.0001	0.9991	0.9991	0.0000
2023-12-02T10:59:26	4	0	13	12	1	1.0478	1.0471	-0.0007	0.9999	0.9999	0.0000
2023-12-02T11:00:46	6	0	3	3	0	1.0418	1.0396	-0.0022	0.9514	0.9677	-0.0163
2023-12-02T11:01:24	2	0	2	2	0	1.0364	1.0357	-0.0006	0.9961	0.9959	0.0002
2023-12-02T11:02:13	3	0	5	5	0	1.0459	1.0456	-0.0002	-1	-1	0.0000
2023-12-02T11:03:34	5	0	5	4	1	1.0534	1.0520	-0.0014	0.9918	0.9916	0.0002
2023-12-02T11:03:43	2	0	3	3	0	1.0066	1.0062	-0.0004	-0.9863	-0.9864	0.0001
2023-12-02T11:05:04	1	0	47	48	-1	1.0558	1.0558	0.0000	0.9966	0.9963	0.0003
2023-12-02T11:05:26	1	0	183	183	0	0.9368	0.9368	0.0000	0.9984	0.9985	-0.0001
2023-12-02T11:07:44	1	0	2	2	0	1.0490	1.0488	-0.0002	0.9891	0.989	0.0001
2023-12-02T11:08:58	3	0	1	0	1	1.0343	null	null	0.9999	0.9999	0.0000
2023-12-02T11:11:43	1	0	1	0	1	1.0558	null	null	-0.9943	-0.9943	0.0000
2023-12-02T11:14:27	4	0	15	14	1	1.0494	1.0488	-0.0006	1	1	0.0000
2023-12-02T11:15:53	1	0	25	25	0	1.0527	1.0527	0.0000	-0.9146	-0.9142	-0.0004
2023-12-02T11:17:54	2	0	3	2	1	1.0528	1.0508	-0.0020	0.9604	0.9603	0.0001
2023-12-02T11:17:58	1	0	17	15	2	1.0468	1.0469	0.0002	0.984	0.9839	0.0001
2023-12-02T11:20:27	1	0	23	23	0	0.9417	0.9418	0.0001	-0.998	-0.998	0.0000
2023-12-02T11:20:29	1	0	10	10	0	1.0437	1.0436	0.0000	-0.9998	-0.9998	0.0000
2023-12-02T11:21:31	1	0	4	4	0	1.0324	1.0325	0.0001	-0.9991	-0.9991	0.0000
2023-12-02T11:25:45	4	0	3	3	0	1.0098	1.0090	-0.0008	-0.9932	-0.9938	0.0006
2023-12-02T11:26:44	1	0	1	1	0	1.0560	1.0559	-0.0001	-0.997	-0.997	0.0000
2023-12-02T11:26:45	1	0	2	2	0	1.0329	1.0327	-0.0002	0.9947	0.9946	0.0001
2023-12-02T11:26:52	1	0	11	10	1	1.0533	1.0529	-0.0004	0.9924	0.9923	0.0001
2023-12-02T11:29:07	1	0	1	1	0	1.0738	1.0738	0.0000	-0.9903	-0.99	-0.0003
2023-12-02T11:30:48	5	0	26	12	14	1.0529	1.0480	-0.0049	0.9565	0.9599	-0.0034
2023-12-02T11:30:54	1	0	24	24	0	1.0528	1.0528	0.0000	-0.9096	-0.9089	-0.0007
2023-12-02T11:31:09	2	0	1	1	0	1.0455	1.0446	-0.0009	0.9899	0.9896	0.0003
2023-12-02T11:32:24	1	0	2	2	0	0.9941	0.9941	0.0000	0.9903	0.9903	0.0000
2023-12-02T11:33:36	2	0	1	2	-1	0.9734	1.0142	0.0408	0.9813	0.9814	-0.0001
2023-12-02T11:33:45	1	0	6	6	0	1.0498	1.0498	0.0000	1	1	0.0000
2023-12-02T11:35:46	1	0	3	3	0	1.0395	1.0393	-0.0003	-0.9823	-0.9796	-0.0027
2023-12-02T11:39:00	3	0	2	1	1	1.0351	1.0349	-0.0002	1	1	0.0000
2023-12-02T11:40:46	4	0	1	1	0	1.0201	1.0185	-0.0016	-0.9911	-0.991	-0.0001
2023-12-02T11:41:46	1	0	1	1	0	1.0325	1.0325	0.0000	0.995	0.995	0.0000
2023-12-02T11:41:53	1	0	30	29	1	1.0566	1.0566	0.0000	0.9922	0.9922	0.0000
2023-12-02T11:44:29	3	0	16	15	1	1.0489	1.0480	-0.0009	0.9998	0.9999	-0.0001
2023-12-02T11:45:49	4	0	63	41	22	1.0626	1.0590	-0.0036	0.9493	0.9462	0.0031
2023-12-02T11:45:55	1	0	36	36	0	1.0541	1.0541	0.0000	-0.903	-0.9022	-0.0008
2023-12-02T11:47:25	1	0	2	2	0	0.9848	0.9848	0.0000	0.9911	0.9912	-0.0001
2023-12-02T11:48:01	1	0	20	18	2	1.0455	1.0449	-0.0006	0.9847	0.9845	0.0002
2023-12-02T11:48:46	1	0	7	7	0	1.0494	1.0494	0.0000	1	1	0.0000
2023-12-02T11:55:47	3	0	2	2	0	1.0193	1.0161	-0.0032	-0.9952	-0.9942	-0.0010
2023-12-02T11:56:44	2	0	5	5	0	0.9647	0.9644	-0.0003	0.9924	0.9923	0.0001
2023-12-02T11:58:48	2	0	2	2	0	1.0280	1.0268	-0.0012	0.9987	0.9997	-0.0010
2023-12-02T12:00:50	3	0	1	1	0	1.0275	1.0274	-0.0001	0.913	0.9132	-0.0002
2023-12-02T12:00:56	1	0	28	28	0	1.0504	1.0504	0.0000	-0.9035	-0.9027	-0.0008
2023-12-02T12:02:29	1	0	1	1	0	1.0569	1.0564	-0.0005	0.9993	0.9993	0.0000
2023-12-02T12:02:57	2	0	7	7	0	1.0512	1.0503	-0.0009	0.9444	0.9443	0.0001
2023-12-02T12:14:25	1	0	32	31	1	1.0504	1.0502	-0.0002	-0.9623	-0.9623	0.0000
2023-12-02T12:18:08	2	0	2	1	1	1.0566	1.0562	-0.0004	0.9698	0.9697	0.0001
2023-12-02T12:24:07	1	0	50	50	0	1.0569	1.0569	0.0000	0.9957	0.9958	-0.0001
2023-12-02T12:35:29	2	0	17	16	1	1.0501	1.0498	-0.0003	0.9883	0.9883	0.0000
2023-12-02T12:38:18	1	0	75	74	1	1.0526	1.0526	0.0000	-0.9643	-0.964	-0.0003
2023-12-02T12:40:50	2	0	4	4	0	1.0226	1.0222	-0.0004	-0.9895	-0.9901	0.0006
2023-12-02T12:41:47	2	0	2	3	-1	1.0014	1.0120	0.0106	0.9947	0.9948	-0.0001
2023-12-02T12:47:29	1	0	4	4	0	1.0093	1.0092	-0.0001	0.9916	0.9916	0.0000
2023-12-02T12:47:32	1	0	91	0	91	0.9308	null	null	0.9988	0.9933	0.0055
2023-12-02T12:55:51	1	0	3	3	0	1.0204	1.0199	-0.0005	-0.9853	-0.9854	0.0001
2023-12-02T12:57:51	1	0	2	2	0	1.0570	1.0559	-0.0011	-1	-1	0.0000

2023-12-02T12:58:04	1	0	5	5	0	1.0485	1.0483	-0.0002	0.9916	0.9916	0.0000
2023-12-02T12:58:52	1	0	2	2	0	1.0277	1.0275	-0.0002	0.9995	0.9995	0.0000
2023-12-02T12:59:34	2	0	18	18	0	1.0503	1.0503	0.0000	0.9999	0.9999	0.0000
2023-12-02T13:00:54	3	0	2	2	0	1.0267	1.0266	-0.0002	0.952	0.9203	0.0317
2023-12-02T13:15:24	1	0	1	1	0	1.0134	1.0124	-0.0010	0.9973	0.9972	0.0001
2023-12-02T13:17:31	1	0	3	4	-1	0.9974	1.0080	0.0106	0.9925	0.9927	-0.0002
2023-12-02T13:19:58	4	0	12	11	1	1.0509	1.0502	-0.0006	-0.9984	-0.9984	0.0000
2023-12-02T13:27:53	1	0	1	1	0	1.0570	1.0570	0.0000	0.9985	0.9966	0.0019
2023-12-02T13:28:26	1	0	28	27	1	1.0515	1.0514	-0.0001	0.9954	0.9956	-0.0002
2023-12-02T13:30:56	1	0	9	9	0	1.0579	1.0578	-0.0001	0.9525	0.9524	0.0001
2023-12-02T13:35:10	2	0	12	10	2	1.0465	1.0444	-0.0020	1	1	0.0000
2023-12-02T13:40:54	1	0	3	3	0	1.0265	1.0258	-0.0006	-0.9868	-0.9859	-0.0009
2023-12-02T13:41:51	1	0	2	2	0	1.0446	1.0443	-0.0004	0.9921	0.9921	0.0000
2023-12-02T13:41:54	2	0	6	6	0	1.0472	1.0455	-0.0017	0.9929	0.9929	0.0000
2023-12-02T13:43:15	2	0	34	33	1	1.0510	1.0509	-0.0001	0.9985	0.9985	0.0000
2023-12-02T13:47:33	1	0	3	3	0	0.9989	0.9988	-0.0001	0.9827	0.9827	0.0000
2023-12-02T13:54:57	1	0	22	21	1	1.0472	1.0468	-0.0004	0.9985	0.9985	0.0000
2023-12-02T13:56:52	1	0	3	3	0	1.0370	1.0367	-0.0003	0.9946	0.9949	-0.0003
2023-12-02T13:56:55	2	0	2	2	0	1.0457	1.0454	-0.0003	0.9936	0.9935	0.0001
2023-12-02T13:58:28	2	0	545	544	1	1.0604	1.0603	-0.0002	-0.9905	-0.9903	-0.0002
2023-12-02T14:01:48	1	0	1	1	0	1.0562	1.0559	-0.0003	-0.999	-0.999	0.0000
2023-12-02T14:03:15	1	0	2	2	0	1.0555	1.0554	-0.0002	0.9703	0.9701	0.0002
2023-12-02T14:04:15	1	0	3	3	0	1.0406	1.0406	0.0000	0.9995	0.9995	0.0000
2023-12-02T14:05:12	2	0	13	11	2	1.0452	1.0423	-0.0029	1	1	0.0000
2023-12-02T14:05:56	1	0	3	3	0	1.0409	1.0408	-0.0001	-0.9858	-0.9833	-0.0025
2023-12-02T14:06:10	10	0	3	4	-1	1.0464	1.0462	-0.0002	-0.9737	-0.9733	-0.0004
2023-12-02T14:08:21	1	0	1	1	0	1.0249	1.0249	0.0000	-0.9969	-0.9967	-0.0002
2023-12-02T14:09:58	3	0	1	1	0	1.0573	1.0567	-0.0006	-0.994	-0.9942	0.0002
2023-12-02T14:10:04	4	0	4	4	0	1.0444	1.0444	0.0000	0.9992	0.9992	0.0000
2023-12-02T14:10:52	1	0	1	1	0	1.0035	1.0033	-0.0002	-0.9995	-0.9995	0.0000
2023-12-02T14:11:53	1	0	5	5	0	0.9664	0.9664	0.0000	0.994	0.994	0.0000
2023-12-02T14:13:57	1	0	2	3	-1	1.0285	1.0303	0.0019	0.9992	0.9993	-0.0001
2023-12-02T14:14:18	1	0	3	3	0	1.0563	1.0562	-0.0001	-0.9878	-0.9877	-0.0001
2023-12-02T14:14:46	1	0	15	14	1	1.0468	1.0462	-0.0006	-0.9882	-0.9882	0.0000
2023-12-02T14:14:53	1	0	26	25	1	1.0454	1.0454	0.0000	0.9979	0.9979	0.0000
2023-12-02T14:15:28	2	0	1	1	0	1.0135	1.0121	-0.0014	0.9974	0.9973	0.0001
2023-12-02T14:16:17	3	0	6	6	0	1.0398	1.0397	-0.0001	-0.998	-0.998	0.0000
2023-12-02T14:17:26	7	0	14	13	1	1.0491	1.0484	-0.0007	-0.9999	-0.9999	0.0000
2023-12-02T14:18:47	4	0	3	4	-1	1.0554	1.0457	-0.0097	0.9699	0.97	-0.0001
2023-12-02T14:19:03	2	0	2	1	1	1.0470	1.0383	-0.0087	0.9723	0.9702	0.0021
2023-12-02T14:19:16	4	0	4	4	0	1.0385	1.0381	-0.0004	0.9997	0.9997	0.0000
2023-12-02T14:20:03	7	0	22	20	2	1.0498	1.0497	-0.0002	-0.9974	-0.9974	0.0000
2023-12-02T14:20:13	2	0	10	10	0	1.0413	1.0413	-0.0001	1	1	0.0000
2023-12-02T14:20:41	10	0	25	25	0	1.0504	1.0503	-0.0001	-0.9972	-0.9973	0.0001
2023-12-02T14:20:55	2	0	1	1	0	1.0136	1.0129	-0.0007	-0.9854	-0.9861	0.0007
2023-12-02T14:21:11	6	0	2	1	1	1.0459	1.0457	-0.0003	-0.9719	-0.9723	0.0004
2023-12-02T14:28:58	1	0	2	2	0	1.0268	1.0267	-0.0002	0.9993	0.9993	0.0000
2023-12-02T14:29:54	1	0	17	17	0	1.0440	1.0440	0.0000	0.998	0.998	0.0000
2023-12-02T14:30:29	3	0	1	1	0	1.0123	1.0107	-0.0016	0.9977	0.9976	0.0001
2023-12-02T14:31:18	2	0	4	4	0	1.0317	1.0316	-0.0001	-0.9992	-0.9992	0.0000
2023-12-02T14:31:37	1	0	2	2	0	1.0427	1.0425	-0.0003	-0.9285	-0.9278	-0.0007
2023-12-02T14:32:27	5	0	14	14	0	1.0487	1.0486	-0.0001	-0.9998	-0.9998	0.0000
2023-12-02T14:32:36	1	0	7	7	0	1.0199	1.0197	-0.0002	0.9833	0.9833	0.0000
2023-12-02T14:32:39	1	0	1	1	0	1.0588	1.0580	-0.0008	0.9935	0.9934	0.0001
2023-12-02T14:34:17	3	0	4	4	0	1.0393	1.0392	-0.0001	0.9995	0.9995	0.0000
2023-12-02T14:35:04	3	0	17	17	0	1.0504	1.0503	-0.0001	-0.997	-0.997	0.0000
2023-12-02T14:35:18	1	0	80	79	1	1.0582	1.0582	0.0000	0.9983	0.9983	0.0000
2023-12-02T14:35:19	1	0	18	18	0	0.9583	0.9582	0.0000	0.9103	0.9101	0.0002
2023-12-02T14:35:37	2	0	5	4	1	1.0416	1.0404	-0.0012	0.972	0.9715	0.0005
2023-12-02T14:35:42	6	0	16	15	1	1.0505	1.0501	-0.0004	-0.9978	-0.9979	0.0001
2023-12-02T14:35:46	4	0	40	39	1	1.0464	1.0463	-0.0001	-0.9937	-0.9938	0.0001
2023-12-02T14:39:00	1	0	46	46	0	1.0504	1.0503	-0.0001	-0.9255	-0.9255	0.0000
2023-12-02T14:39:12	1	0	1	1	0	1.0346	1.0343	-0.0003	0.9999	0.9999	0.0000
2023-12-02T14:40:06	1	0	2	2	0	1.0346	1.0345	-0.0001	0.9987	0.9987	0.0000
2023-12-02T14:43:56	1	0	1	0	1	1.0454	null	null	0.9668	0.966	0.0008
2023-12-02T14:43:59	1	0	2	2	0	1.0260	1.0260	0.0000	0.9995	0.9995	0.0000
2023-12-02T14:44:41	2	0	16	16	0	1.0503	1.0503	0.0000	-1	-1	0.0000
2023-12-02T14:44:55	1	0	25	25	0	1.0465	1.0465	0.0000	0.9981	0.9981	0.0000
2023-12-02T14:46:07	1	0	31	30	1	1.0501	1.0503	0.0002	-0.8972	-0.8967	-0.0005
2023-12-02T14:46:58	1	0	312	312	0	1.0596	1.0596	0.0000	0.9956	0.9956	0.0000
2023-12-02T14:48:49	2	0	1	1	0	1.0603	1.0599	-0.0004	0.9643	0.9643	0.0000
2023-12-02T14:50:57	3	0	2	0	2	1.0165	null	null	-0.9871	-0.9877	0.0006
2023-12-02T14:54:13	2	0	2	2	0	1.0361	1.0358	-0.0003	0.9999	0.9999	0.0000
2023-12-02T14:55:01	1	0	21	20	1	1.0454	1.0454	0.0000	0.9982	0.9981	0.0001
2023-12-02T14:55:07	2	0	3	3	0	1.0316	1.0315	-0.0001	0.999	0.999	0.0000
2023-12-02T14:55:23	2	0	1	0	1	1.0338	null	null	0.9983	0.9983	0.0000
2023-12-02T15:00:31	3	0	1	1	0	1.0131	1.0130	-0.0001	0.9979	0.9979	0.0000
2023-12-02T15:05:16	2	0	10	10	0	1.0415	1.0414	-0.0001	1	1	0.0000
2023-12-02T15:06:14	9	0	5	5	0	1.0467	1.0463	-0.0005	-0.9663	-0.9664	0.0001
2023-12-02T15:10:48	1	0	7	7	0	1.0432	1.0431	-0.0001	0.9977	0.9976	0.0001
2023-12-02T15:16:24	2	0	1	1	0	1.0486	1.0485	-0.0001	0.9908	0.9908	0.0000
2023-12-02T15:18:51	2	0	3	3	0	1.0034	1.0035	0.0001	0.9626	0.9626	0.0000
2023-12-02T15:20:49	1	0	46	47	-1	1.0466	1.0466	0.0000	-0.9919	-0.9919	0.0000
2023-12-02T15:22:19	2	0	12	11	1	0.9520	0.9446	-0.0073	0.9982	0.9982	0.0000
2023-12-02T15:25:35	1	0	67	66	1	1.0564	1.0563	0.0000	1	1	0.0000

2023-12-02T15:26:11	1	0	3	3	0	1.0238	1.0237	-0.0001	0.9924	0.9924	0.0000
2023-12-02T15:29:29	1	0	4	4	0	1.0455	1.0453	-0.0002	-0.9999	-0.9999	0.0000
2023-12-02T15:37:20	1	0	7	7	0	0.9576	0.9575	0.0000	0.9985	0.9986	-0.0001
2023-12-02T15:48:53	1	0	2	2	0	0.9611	0.9611	0.0001	0.9638	0.9639	-0.0001
2023-12-02T16:22:16	2	0	2	2	0	0.9913	0.9917	0.0003	0.9985	0.9986	-0.0001
2023-12-02T18:22:31	1	0	72	72	0	0.9215	0.9215	0.0000	0.9963	0.9965	-0.0002
2023-12-02T18:36:03	3	0	22	22	0	1.0460	1.0460	0.0000	-0.9967	-0.9967	0.0000
2023-12-03T07:50:13	2	0	38	38	0	0.9431	0.9432	0.0001	-0.9981	-0.9979	-0.0002
2023-12-03T08:05:14	1	0	78	78	0	0.9423	0.9423	0.0001	-0.9988	-0.9986	-0.0002
2023-12-03T08:10:31	2	0	2	2	0	1.0138	1.0135	-0.0004	-0.9819	-0.9817	-0.0002
2023-12-03T08:20:15	1	0	88	88	0	0.9365	0.9365	0.0000	-0.9986	-0.9983	-0.0003
2023-12-03T08:28:34	2	0	3	3	0	1.0285	1.0280	-0.0005	0.9993	0.9993	0.0000
2023-12-03T08:29:18	1	0	5	5	0	1.0462	1.0461	-0.0001	0.9989	0.9989	0.0000
2023-12-03T08:33:25	1	0	30	28	2	0.9434	0.9436	0.0002	0.9807	0.9807	0.0000
2023-12-03T08:49:56	1	0	292	292	0	0.8634	0.8635	0.0001	0.8829	0.883	-0.0001
2023-12-03T08:50:17	1	0	108	108	0	0.9416	0.9416	0.0000	1	1	0.0000
2023-12-03T08:58:36	1	0	2	2	0	1.0234	1.0232	-0.0002	0.9994	0.9994	0.0000
2023-12-03T09:03:36	2	0	79	79	0	0.9237	0.9237	0.0000	-0.9942	-0.9942	0.0000
2023-12-03T09:04:57	1	0	278	278	0	0.9094	0.9095	0.0001	0.8885	0.8885	0.0000
2023-12-03T09:05:18	1	0	192	190	2	0.9307	0.9311	0.0004	0.9991	0.9993	-0.0002
2023-12-03T09:13:37	1	0	1	0	1	1.0251	null	null	0.999	0.9989	0.0001
2023-12-03T09:14:21	1	0	4	4	0	1.0460	1.0459	-0.0002	0.999	0.999	0.0000
2023-12-03T09:21:53	2	0	5	5	0	0.9251	0.9255	0.0004	0.9976	0.9976	0.0000
2023-12-03T09:25:36	2	0	3	3	0	1.0203	1.0193	-0.0010	-0.9912	-0.9906	-0.0006
2023-12-03T09:29:43	1	0	1	1	0	0.9412	0.9417	0.0005	0.9806	0.9807	-0.0001
2023-12-03T09:33:29	4	0	39	37	2	0.9431	0.9436	0.0004	0.9762	0.9766	-0.0004
2023-12-03T09:34:59	3	0	7	7	0	0.9895	0.9893	-0.0002	0.9431	0.9427	0.0004
2023-12-03T09:36:49	3	0	2	2	0	1.0210	1.0207	-0.0003	0.9985	0.9987	-0.0002
2023-12-03T09:39:19	2	0	1	1	0	1.0412	1.0404	-0.0008	0.9933	0.993	0.0003
2023-12-03T09:40:40	1	0	2	2	0	1.0240	1.0240	-0.0001	0.9661	0.966	0.0001
2023-12-03T09:43:58	1	0	1	1	0	1.0558	1.0555	-0.0003	-0.9922	-0.992	-0.0002
2023-12-03T09:44:10	2	0	20	15	5	1.0535	1.0530	-0.0006	-0.9316	-0.9314	-0.0002
2023-12-03T09:45:39	2	0	1	1	0	0.9728	0.9733	0.0005	0.9973	0.9972	0.0001
2023-12-03T09:45:58	1	0	2	2	0	1.0167	1.0166	-0.0002	-0.999	-0.999	0.0000
2023-12-03T09:48:16	1	0	21	9	12	0.9638	0.9671	0.0032	0.9934	0.9934	0.0000
2023-12-03T09:48:39	4	0	64	62	2	0.9347	0.9350	0.0002	-0.9943	-0.9944	0.0001
2023-12-03T09:50:00	2	0	158	158	0	0.9337	0.9339	0.0003	0.9077	0.908	-0.0003
2023-12-03T09:50:18	2	0	11	10	1	1.0461	1.0460	-0.0001	0.9925	0.9924	0.0001
2023-12-03T09:50:23	4	0	8	7	1	1.0460	1.0454	-0.0006	-0.9989	-0.999	0.0001
2023-12-03T09:55:27	1	0	6	6	0	1.0309	1.0309	-0.0001	0.9858	0.9857	0.0001
2023-12-03T09:55:38	1	0	5	5	0	1.0222	1.0221	-0.0001	-0.9895	-0.9895	0.0000
2023-12-03T09:55:41	1	0	372	367	5	0.9065	0.9067	0.0002	0.9499	0.9424	0.0075
2023-12-03T09:59:00	2	0	4	3	1	0.9724	0.9824	0.0099	-0.9934	-0.993	-0.0004
2023-12-03T09:59:24	5	0	8	8	0	1.0484	1.0481	-0.0004	0.9984	0.9983	0.0001
2023-12-03T10:00:44	4	0	3	3	0	1.0434	1.0423	-0.0011	-0.9983	-0.9983	0.0000
2023-12-03T10:01:18	1	0	1	1	0	0.9883	0.9886	0.0003	-0.9551	-0.9539	-0.0012
2023-12-03T10:01:47	1	0	1	1	0	1.0409	1.0403	-0.0006	-0.9998	-0.9998	0.0000
2023-12-03T10:02:02	1	0	3	3	0	1.0262	1.0260	-0.0002	0.9975	0.9974	0.0001
2023-12-03T10:03:31	1	0	2	2	0	0.9995	0.9991	-0.0005	0.9886	0.9885	0.0001
2023-12-03T10:03:40	1	0	73	71	2	0.9234	0.9238	0.0004	-0.9948	-0.9947	-0.0001
2023-12-03T10:06:51	1	0	2	2	0	1.0181	1.0179	-0.0002	-0.9995	-0.9994	-0.0001
2023-12-03T10:09:48	2	0	1	1	0	1.0559	1.0551	-0.0008	0.9998	0.9996	0.0002
2023-12-03T10:10:15	2	0	82	73	9	1.0568	1.0565	-0.0003	1	1	0.0000
2023-12-03T10:10:42	1	0	1	1	0	1.0168	1.0163	-0.0005	0.967	0.9667	0.0003
2023-12-03T10:10:51	1	0	33	30	3	0.9447	0.9451	0.0003	0.9919	0.9919	0.0000
2023-12-03T10:11:47	1	0	68	67	1	1.0576	1.0576	0.0000	0.9942	0.9942	0.0000
2023-12-03T10:14:17	2	0	18	18	0	1.0506	1.0505	-0.0001	-0.9853	-0.9854	0.0001
2023-12-03T10:15:11	3	0	1	0	1	1.0083	null	null	0.9983	0.9982	0.0001
2023-12-03T10:16:03	1	0	1	1	0	1.0184	1.0180	-0.0004	-0.9989	-0.9989	0.0000
2023-12-03T10:18:41	1	0	60	60	0	0.9289	0.9289	0.0000	-0.9936	-0.9936	0.0000
2023-12-03T10:20:02	1	0	9	9	0	0.9843	0.9842	-0.0001	0.9399	0.9397	0.0002
2023-12-03T10:20:23	1	0	183	183	0	0.9342	0.9342	0.0000	0.9986	0.9988	-0.0002
2023-12-03T10:24:20	3	0	12	12	0	1.0345	1.0344	-0.0001	0.974	0.9739	0.0001
2023-12-03T10:27:16	2	0	1	1	0	0.9783	0.9789	0.0006	-0.982	-0.9818	-0.0002
2023-12-03T10:29:13	2	0	28	27	1	1.0557	1.0556	-0.0002	-0.9394	-0.9389	-0.0005
2023-12-03T10:30:46	1	0	5	5	0	1.0447	1.0444	-0.0003	-0.9988	-0.9988	0.0000
2023-12-03T10:33:58	1	0	2	2	0	1.0317	1.0314	-0.0003	0.9995	0.9995	0.0000
2023-12-03T10:35:09	2	0	6	6	0	1.0519	1.0490	-0.0029	-0.8748	-0.8756	0.0008
2023-12-03T10:36:28	1	0	1	1	0	1.0576	1.0562	-0.0014	1	1	0.0000
2023-12-03T10:39:51	1	0	1	1	0	1.0251	1.0247	-0.0004	-0.9767	-0.9766	-0.0001
2023-12-03T10:40:41	1	0	2	2	0	1.0204	1.0193	-0.0011	-0.9926	-0.9898	-0.0028
2023-12-03T10:41:19	1	0	5	5	0	1.0435	1.0434	-0.0001	0.9873	0.9873	0.0000
2023-12-03T10:48:43	8	0	4	5	-1	0.9792	0.9725	-0.0067	-0.9947	-0.9945	-0.0002
2023-12-03T10:50:31	1	0	1	1	0	1.0319	1.0316	-0.0003	-0.9951	-0.9952	0.0001
2023-12-03T10:57:18	2	0	1	1	0	0.9762	0.9768	0.0006	-0.9829	-0.9827	-0.0002
2023-12-03T10:57:35	1	0	5	3	2	1.0628	1.0570	-0.0058	-0.9974	-0.9974	0.0000
2023-12-03T11:00:17	2	0	1	0	1	1.0551	null	null	0.9835	0.9835	0.0000
2023-12-03T11:00:34	1	0	1	1	0	1.0437	1.0434	-0.0003	-0.9999	-0.9999	0.0000
2023-12-03T11:00:46	1	0	3	3	0	1.0482	1.0477	-0.0006	0.9554	0.9549	0.0005
2023-12-03T11:00:48	3	0	4	4	0	1.0446	1.0442	-0.0004	-0.9994	-0.9995	0.0001
2023-12-03T11:01:27	2	0	3	2	1	1.0406	1.0389	-0.0017	0.9975	0.9974	0.0001
2023-12-03T11:01:39	4	0	1	1	0	1.0376	1.0363	-0.0013	-0.99	-0.9795	-0.0105
2023-12-03T11:02:06	1	0	1	1	0	0.9671	0.9675	0.0004	0.9978	0.9978	0.0000
2023-12-03T11:03:34	1	0	32	32	0	1.0549	1.0548	-0.0001	-0.9786	-0.9787	0.0001
2023-12-03T11:03:44	6	0	60	59	1	0.9286	0.9286	0.0000	-0.9947	-0.9949	0.0002

2023-12-03T11:05:03	1	0	12	13	-1	1.0534	1.0535	0.0001	0.9979	0.9978	0.0001
2023-12-03T11:05:26	1	0	213	213	0	0.9309	0.9309	0.0000	0.9981	0.9982	-0.0001
2023-12-03T11:05:28	12	0	1	1	0	0.9742	0.9794	0.0052	-0.9993	-0.9991	-0.0002
2023-12-03T11:05:53	2	0	2	2	0	1.0644	1.0639	-0.0005	-0.9997	-0.9998	0.0001
2023-12-03T11:06:37	1	0	1	1	0	0.9915	0.9920	0.0005	0.9862	0.9864	-0.0002
2023-12-03T11:11:44	1	0	1	1	0	1.0564	1.0554	-0.0010	-0.9834	-0.9835	0.0001
2023-12-03T11:13:41	1	0	5	5	0	0.9649	0.9647	-0.0001	0.9968	0.9967	0.0001
2023-12-03T11:18:45	3	0	98	97	1	0.9154	0.9156	0.0002	-0.9958	-0.9958	0.0000
2023-12-03T11:20:01	1	0	3	3	0	1.0358	1.0357	-0.0001	0.9995	0.9995	0.0000
2023-12-03T11:20:04	1	0	32	30	2	1.0547	1.0545	-0.0001	0.9974	0.9974	0.0000
2023-12-03T11:20:24	2	0	20	20	0	1.0488	1.0488	0.0000	0.9906	0.9904	0.0002
2023-12-03T11:29:22	1	0	15	15	0	1.0507	1.0507	0.0000	-0.9857	-0.9856	-0.0001
2023-12-03T11:29:51	1	0	5	5	0	0.9467	0.9466	0.0000	0.979	0.979	0.0000
2023-12-03T11:30:36	1	0	3	3	0	1.0455	1.0455	0.0000	-0.9998	-0.9998	0.0000
2023-12-03T11:30:48	8	0	65	23	42	1.0600	1.0548	-0.0052	1	0.9564	0.0436
2023-12-03T11:32:23	1	0	1	1	0	1.0379	1.0377	-0.0002	0.9901	0.99	0.0001
2023-12-03T11:33:46	20	0	104	103	1	0.9140	0.9142	0.0002	-0.9975	-0.9975	0.0000
2023-12-03T11:35:02	1	0	1	1	0	1.0273	1.0273	0.0000	0.9993	0.9993	0.0000
2023-12-03T11:36:39	1	0	5	5	0	1.0475	1.0475	0.0000	0.9849	0.9849	0.0000
2023-12-03T11:39:27	2	0	2	3	-1	1.0522	1.0500	-0.0022	0.9977	0.9977	0.0000
2023-12-03T11:40:48	2	0	1	0	1	1.0093	null	null	0.9724	0.9647	0.0077
2023-12-03T11:44:52	1	0	6	6	0	0.9461	0.9462	0.0001	0.981	0.981	0.0000
2023-12-03T11:45:37	1	0	2	2	0	1.0454	1.0454	0.0000	-0.9999	-0.9999	0.0000
2023-12-03T11:47:09	2	0	1	2	-1	1.0350	1.0292	-0.0058	0.9977	0.9977	0.0000
2023-12-03T11:48:48	2	0	1	0	1	1.0553	null	null	0.9746	0.9746	0.0000
2023-12-03T11:51:58	3	0	1	2	-1	1.0079	1.0188	0.0109	0.9999	0.9999	0.0000
2023-12-03T11:52:03	1	0	6	7	-1	0.9278	0.9300	0.0022	0.9983	0.9968	0.0015
2023-12-03T12:03:25	1	0	6	6	0	0.9674	0.9675	0.0000	0.9908	0.9907	0.0001
2023-12-03T12:10:50	2	0	1	1	0	0.9930	0.9929	-0.0001	0.973	0.9664	0.0066
2023-12-03T12:11:45	2	0	10	10	0	0.9567	0.9566	-0.0002	0.9952	0.9951	0.0001
2023-12-03T12:14:54	1	0	5	8	-3	0.9479	0.9464	-0.0015	0.9799	0.9804	-0.0005
2023-12-03T12:20:05	1	0	2	2	0	1.0282	1.0282	0.0000	0.9996	0.9996	0.0000
2023-12-03T12:22:05	1	0	7	8	-1	0.9307	0.9323	0.0016	0.9966	0.9966	0.0000
2023-12-03T12:24:30	2	0	4	6	-2	1.0520	1.0539	0.0018	0.9974	0.9976	-0.0002
2023-12-03T12:31:47	1	0	99	98	1	1.0552	1.0552	0.0000	0.9945	0.9945	0.0000
2023-12-03T12:33:50	20	0	85	73	12	0.9152	0.9192	0.0040	-0.9963	-0.9971	0.0008
2023-12-03T12:43:24	1	0	27	26	1	1.0508	1.0506	-0.0002	0.9926	0.9926	0.0000
2023-12-03T12:47:28	1	0	1	0	1	0.9398	null	null	0.9893	0.9893	0.0000
2023-12-03T12:52:03	2	0	2	2	0	1.0212	1.0210	-0.0002	0.9988	0.999	-0.0002
2023-12-03T12:56:48	2	0	1	1	0	0.9448	0.9449	0.0001	0.9943	0.9944	-0.0001
2023-12-03T12:58:03	1	0	2	2	0	1.0486	1.0482	-0.0003	0.994	0.994	0.0000
2023-12-03T13:00:42	1	0	1	1	0	1.0456	1.0455	-0.0001	-0.9988	-0.9988	0.0000
2023-12-03T13:00:52	1	0	2	2	0	0.9734	0.9734	0.0000	0.9978	0.9979	-0.0001
2023-12-03T13:10:54	1	0	1	1	0	1.0360	1.0357	-0.0003	0.9697	0.9769	-0.0072
2023-12-03T13:17:34	1	0	1	1	0	1.0561	1.0558	-0.0003	0.998	0.9979	0.0001
2023-12-03T13:37:06	3	0	3	3	0	0.9932	0.9934	0.0002	0.9991	0.9992	-0.0001
2023-12-03T13:47:36	1	0	1	1	0	1.0565	1.0562	-0.0003	0.9935	0.9935	0.0000
2023-12-03T14:00:46	1	0	5	6	-1	1.0458	1.0458	0.0000	-0.9989	-0.9989	0.0000
2023-12-03T14:02:33	2	0	1	1	0	1.0147	1.0139	-0.0008	0.9904	0.9904	0.0000
2023-12-03T14:03:07	2	0	1	0	1	1.0557	null	null	0.973	0.973	0.0000
2023-12-03T14:03:47	5	0	4	4	0	0.9901	0.9883	-0.0018	0.9845	0.9845	0.0000
2023-12-03T14:03:56	1	0	53	53	0	0.9303	0.9305	0.0002	-0.9941	-0.9941	0.0000
2023-12-03T14:05:40	14	0	1	0	1	1.0577	null	null	-0.9991	-0.9991	0.0000
2023-12-03T14:10:04	3	0	3	3	0	1.0475	1.0472	-0.0003	-0.9999	-0.9999	0.0000
2023-12-03T14:14:49	1	0	1	1	0	1.0336	1.0332	-0.0004	0.9994	0.9993	0.0001
2023-12-03T14:15:59	7	0	8	8	0	1.0498	1.0496	-0.0002	0.9547	0.9537	0.0010
2023-12-03T14:17:19	1	0	5	5	0	1.0280	1.0280	0.0000	0.9976	0.9976	0.0000
2023-12-03T14:18:48	3	0	2	2	0	0.9993	0.9991	-0.0002	0.9852	0.9852	0.0000
2023-12-03T14:18:57	4	0	58	57	1	0.9278	0.9280	0.0001	-0.994	-0.9941	0.0001
2023-12-03T14:18:58	1	0	4	4	0	0.9667	0.9673	0.0005	0.9978	0.9979	-0.0001
2023-12-03T14:20:01	1	0	2	1	1	1.0456	1.0453	-0.0003	-0.9996	-0.9997	0.0001
2023-12-03T14:20:19	6	0	8	8	0	1.0330	1.0329	0.0000	0.9829	0.9829	0.0000
2023-12-03T14:20:41	2	0	6	6	0	1.0459	1.0458	-0.0001	-0.9987	-0.9987	0.0000
2023-12-03T14:20:45	3	0	2	2	0	1.0349	1.0345	-0.0004	-0.9959	-0.9959	0.0000
2023-12-03T14:22:09	1	0	2	2	0	1.0227	1.0226	-0.0001	0.9988	0.9991	-0.0003
2023-12-03T14:22:13	1	0	3	3	0	0.9160	0.9162	0.0001	0.9983	0.9969	0.0014
2023-12-03T14:25:05	3	0	4	4	0	1.0383	1.0381	-0.0003	0.9988	-0.9999	-0.0013
2023-12-03T14:25:10	1	0	1	0	1	1.0155	null	null	-0.9969	-0.9969	0.0000
2023-12-03T14:33:58	6	0	52	51	1	0.9472	0.9472	0.0000	-0.9935	-0.9936	0.0001
2023-12-03T14:34:01	1	0	3	3	0	1.0126	1.0127	0.0001	0.9979	0.998	-0.0001
2023-12-03T14:35:02	1	0	1	1	0	1.0455	1.0454	-0.0001	-0.9997	-0.9997	0.0000
2023-12-03T14:35:17	1	0	61	60	1	1.0566	1.0566	0.0000	0.9977	0.9977	0.0000
2023-12-03T14:35:20	6	0	248	247	1	0.9180	0.9181	0.0001	0.9182	0.918	0.0002
2023-12-03T14:35:46	1	0	1	1	0	1.0340	1.0339	-0.0001	-0.9961	-0.9961	0.0000
2023-12-03T14:38:25	1	0	79	78	1	1.0528	1.0528	0.0000	-0.9727	-0.9725	-0.0002
2023-12-03T14:39:02	1	0	47	46	1	1.0509	1.0508	-0.0002	-0.9248	-0.9248	0.0000
2023-12-03T14:40:06	1	0	2	2	0	1.0644	1.0643	-0.0001	0.9991	0.9991	0.0000
2023-12-03T14:40:57	1	0	6	6	0	1.0208	1.0206	-0.0002	-0.9911	-0.9911	0.0000
2023-12-03T14:44:43	1	0	20	19	1	1.0517	1.0516	0.0000	-0.9996	-0.9999	0.0003
2023-12-03T14:48:46	1	0	6	5	1	1.0436	1.0406	-0.0030	0.9747	0.9747	0.0000
2023-12-03T14:48:50	3	0	3	3	0	1.0532	1.0529	-0.0002	0.9866	0.9865	0.0001
2023-12-03T14:49:15	1	0	2	2	0	1.0362	1.0361	-0.0002	-0.9826	-0.9826	0.0000
2023-12-03T14:50:15	2	0	5	5	0	1.0335	1.0333	-0.0002	0.9995	0.9995	0.0000
2023-12-03T14:51:45	1	0	5	5	0	1.0207	1.0208	0.0001	-0.9999	-0.9999	0.0000
2023-12-03T14:52:59	1	0	17	17	0	1.0412	1.0411	-0.0001	0.9974	0.9974	0.0000

2023-12-03T14:52:59	1	0	1	1	0	1.0561	1.0557	-0.0004	0.9991	0.9991	0.0000
2023-12-03T14:56:59	1	0	3	3	0	1.0406	1.0405	-0.0001	0.9885	0.9885	0.0000
2023-12-03T15:00:30	2	0	1	1	0	1.0113	1.0111	-0.0002	0.9979	0.9979	0.0000
2023-12-03T15:01:05	1	0	13	12	1	1.0480	1.0474	-0.0006	-1	-1	0.0000
2023-12-03T15:16:03	6	0	9	10	-1	1.0430	1.0448	0.0017	0.9885	0.973	0.0155
2023-12-03T15:18:15	1	0	16	16	0	1.0463	1.0462	0.0000	0.9828	0.9773	0.0055
2023-12-03T15:18:52	2	0	5	4	1	1.0218	1.0135	-0.0082	0.9861	0.9862	-0.0001
2023-12-03T15:23:42	1	0	304	295	9	1.0710	1.0710	0.0000	-0.9976	-0.9977	0.0001
2023-12-03T15:33:16	1	0	5	5	0	1.0425	1.0423	-0.0002	0.9842	0.9789	0.0053
2023-12-03T15:33:22	1	0	2	2	0	1.0262	1.0261	-0.0002	0.9771	0.977	0.0001
2023-12-03T15:40:15	1	0	3	3	0	1.0172	1.0172	-0.0001	-0.9975	-0.9975	0.0000
2023-12-03T15:46:05	4	0	59	59	0	1.0643	1.0633	-0.0010	0.9589	0.9609	-0.0020
2023-12-03T15:50:47	2	0	8	8	0	1.0436	1.0436	-0.0001	-0.9993	-0.9993	0.0000
2023-12-03T16:30:12	1	0	1	2	-1	0.9443	0.9524	0.0081	0.9813	0.9819	-0.0006
2023-12-03T16:32:43	2	0	1	1	0	1.0118	1.0115	-0.0003	0.989	0.9891	-0.0001
2023-12-03T17:05:44	1	0	2	2	0	0.9515	0.9519	0.0004	0.9953	0.9953	0.0000
2023-12-03T18:20:55	1	0	268	268	0	0.9175	0.9175	0.0000	0.9986	0.9988	-0.0002
2023-12-03T18:31:48	1	0	2	2	0	1.0186	1.0186	0.0000	-0.9974	-0.9974	0.0000
2023-12-03T18:36:25	1	0	1	1	0	1.0378	1.0378	0.0000	-0.996	-0.996	0.0000
2023-12-04T07:50:12	2	0	67	67	0	0.9430	0.9431	0.0001	-0.9267	-0.9247	-0.0020
2023-12-04T07:51:47	1	0	201	201	0	0.8978	0.8979	0.0001	0.947	0.9469	0.0001
2023-12-04T07:55:29	1	0	19	18	1	0.9448	0.9448	0.0000	-0.9978	-0.9977	-0.0001
2023-12-04T08:06:48	1	0	189	189	0	0.9050	0.9051	0.0000	0.958	0.9578	0.0002
2023-12-04T08:14:03	2	0	47	47	0	1.0535	1.0535	-0.0001	-0.95	-0.9496	-0.0004
2023-12-04T08:18:23	1	0	147	147	0	0.9321	0.9322	0.0001	0.9676	0.9676	0.0000
2023-12-04T08:29:17	1	0	12	12	0	1.0503	1.0502	0.0000	0.9986	0.9986	0.0000
2023-12-04T08:31:32	1	0	135	135	0	1.0558	1.0558	0.0000	0.9924	0.9925	-0.0001
2023-12-04T08:36:42	1	0	4	4	0	0.9400	0.9403	0.0003	-0.9952	-0.9951	-0.0001
2023-12-04T08:44:37	1	0	74	71	3	1.0565	1.0565	0.0000	0.9773	0.9773	0.0000
2023-12-04T08:46:33	1	0	100	100	0	1.0545	1.0545	0.0000	0.9907	0.9908	-0.0001
2023-12-04T08:58:07	1	0	263	262	1	1.0584	1.0583	0.0000	0.9663	0.9662	0.0001
2023-12-04T08:58:36	1	0	1	1	0	1.0250	1.0246	-0.0004	-0.9997	-0.9997	0.0000
2023-12-04T08:59:38	1	0	69	69	0	1.0567	1.0567	0.0000	0.9761	0.976	0.0001
2023-12-04T09:00:03	1	0	156	154	2	1.0538	1.0538	0.0000	-0.9999	-0.9999	0.0000
2023-12-04T09:01:47	1	0	67	65	2	1.0528	1.0527	-0.0001	-0.9831	-0.9831	0.0000
2023-12-04T09:02:15	4	0	83	83	0	1.0543	1.0543	0.0000	0.9835	0.9834	0.0001
2023-12-04T09:03:26	1	0	16	15	1	0.9436	0.9436	0.0000	0.9743	0.9743	0.0000
2023-12-04T09:03:49	5	0	1	1	0	1.0398	1.0398	0.0000	-0.998	-0.998	0.0000
2023-12-04T09:06:44	1	0	3	3	0	0.9403	0.9408	0.0005	-0.9962	-0.9961	-0.0001
2023-12-04T09:06:52	1	0	218	218	0	0.9086	0.9087	0.0001	0.945	0.9449	0.0001
2023-12-04T09:14:07	2	0	55	51	4	1.0543	1.0539	-0.0003	-0.9403	-0.9401	-0.0002
2023-12-04T09:14:39	1	0	58	57	1	1.0568	1.0568	-0.0001	0.9762	0.9762	0.0000
2023-12-04T09:18:27	3	0	82	82	0	0.9350	0.9351	0.0001	0.9706	0.9708	-0.0002
2023-12-04T09:20:18	1	0	8	8	0	1.0059	1.0059	0.0001	-0.9582	-0.9578	-0.0004
2023-12-04T09:23:04	1	0	176	175	1	1.0581	1.0581	0.0000	-0.9694	-0.9692	-0.0002
2023-12-04T09:24:22	2	0	3	3	0	1.0468	1.0465	-0.0004	0.9878	0.9875	0.0003
2023-12-04T09:24:37	2	0	3	2	1	1.0523	1.0503	-0.0020	-0.9963	-0.9963	0.0000
2023-12-04T09:25:03	2	0	22	22	0	0.9305	0.9306	0.0001	0.9888	0.9888	0.0000
2023-12-04T09:25:35	2	0	1	1	0	1.0284	1.0256	-0.0028	-0.988	-0.9881	0.0001
2023-12-04T09:28:09	1	0	164	163	1	1.0580	1.0580	0.0000	0.9715	0.9715	0.0000
2023-12-04T09:28:13	1	0	1	1	0	1.0295	1.0291	-0.0004	0.9973	0.9972	0.0001
2023-12-04T09:30:57	1	0	11	11	0	1.0371	1.0371	0.0000	0.9999	0.9999	0.0000
2023-12-04T09:33:39	1	0	57	57	0	0.9298	0.9298	0.0001	0.9934	0.9934	0.0000
2023-12-04T09:34:28	1	0	53	52	1	1.0529	1.0529	0.0000	0.9997	0.9997	0.0000
2023-12-04T09:35:16	1	0	22	22	0	1.0519	1.0517	-0.0002	0.9808	0.9808	0.0000
2023-12-04T09:35:21	3	0	14	12	2	1.0490	1.0489	-0.0001	-0.9995	-0.9995	0.0000
2023-12-04T09:35:39	1	0	2	2	0	0.9851	0.9849	-0.0002	-0.9989	-0.9988	-0.0001
2023-12-04T09:36:47	3	0	3	3	0	1.0065	1.0064	-0.0001	0.9808	0.9808	0.0000
2023-12-04T09:38:23	1	0	18	18	0	0.9370	0.9373	0.0003	0.9658	0.9659	-0.0001
2023-12-04T09:40:44	1	0	2	3	-1	1.0101	0.9875	-0.0227	0.9543	0.957	-0.0027
2023-12-04T09:45:38	2	0	1	1	0	0.9743	0.9748	0.0005	0.9935	0.9935	0.0000
2023-12-04T09:45:41	6	0	1	1	0	1.0222	1.0202	-0.0020	0.9173	0.9155	0.0018
2023-12-04T09:48:40	1	0	35	32	3	0.9386	0.9390	0.0004	0.999	0.999	0.0000
2023-12-04T09:50:00	2	0	25	25	0	0.9395	0.9399	0.0005	0.9235	0.9238	-0.0003
2023-12-04T09:50:17	3	0	22	19	3	1.0522	1.0529	0.0007	0.9768	0.9766	0.0002
2023-12-04T09:51:24	1	0	2	2	0	1.0402	1.0397	-0.0005	0.999	0.999	0.0000
2023-12-04T09:53:18	5	0	87	86	1	0.9199	0.9209	0.0010	0.9924	0.9926	-0.0002
2023-12-04T09:53:57	1	0	2	2	0	1.0385	1.0382	-0.0002	0.9991	0.9991	0.0000
2023-12-04T09:56:37	1	0	34	35	-1	0.9321	0.9321	0.0000	0.9835	0.9829	0.0006
2023-12-04T09:58:32	1	0	5	5	0	1.0464	1.0464	0.0000	0.977	0.9765	0.0005
2023-12-04T09:58:40	2	0	3	2	1	1.0264	1.0218	-0.0046	-0.9998	-0.9999	0.0001
2023-12-04T09:58:59	1	0	1	1	0	1.0565	1.0561	-0.0004	-0.9631	-0.9624	-0.0007
2023-12-04T09:59:23	4	0	16	14	2	1.0503	1.0493	-0.0010	0.9991	0.999	0.0001
2023-12-04T09:59:42	2	0	18	17	1	1.0539	1.0538	-0.0001	0.9781	0.9781	0.0000
2023-12-04T10:02:07	4	0	30	30	0	1.0489	1.0484	-0.0005	-1	-1	0.0000
2023-12-04T10:02:31	1	0	99	98	1	1.1415	1.1449	0.0034	0.9821	0.9821	0.0000
2023-12-04T10:04:56	2	0	3	3	0	1.0288	1.0286	-0.0002	0.988	0.9879	0.0001
2023-12-04T10:05:03	2	0	2	2	0	1.0471	1.0466	-0.0005	-0.8875	-0.888	0.0005
2023-12-04T10:05:18	1	0	17	17	0	1.0482	1.0482	0.0000	0.9726	0.9726	0.0000
2023-12-04T10:05:23	3	0	14	14	0	1.0449	1.0449	0.0000	-0.9998	-0.9998	0.0000
2023-12-04T10:06:49	3	0	4	4	0	0.9804	0.9805	0.0001	0.9817	0.9818	-0.0001
2023-12-04T10:06:53	4	0	5	5	0	0.9536	0.9536	0.0000	0.9963	0.9963	0.0000
2023-12-04T10:10:46	1	0	1	1	0	1.0133	1.0130	-0.0003	0.9679	0.9677	0.0002
2023-12-04T10:12:14	2	0	2	2	0	0.9871	0.9874	0.0002	-0.9849	-0.9848	-0.0001
2023-12-04T10:14:16	1	0	9	9	0	1.0462	1.0462	0.0000	-0.9992	-0.9992	0.0000

2023-12-04T10:16:02	1	0	4	4	0	1.0397	1.0396	-0.0001	-0.9999	-0.9999	0.0000
2023-12-04T10:17:20	3	0	48	47	1	1.0530	1.0529	-0.0001	0.9835	0.9835	0.0000
2023-12-04T10:18:56	3	0	8	8	0	1.0378	1.0376	-0.0002	0.9976	0.9976	0.0000
2023-12-04T10:19:31	1	0	46	45	1	1.0522	1.0521	-0.0001	0.9999	0.9999	0.0000
2023-12-04T10:20:14	1	0	3	3	0	0.9688	0.9686	-0.0002	-0.9969	-0.997	0.0001
2023-12-04T10:20:24	9	0	54	52	2	1.0545	1.0543	-0.0002	-0.9997	-0.9999	0.0002
2023-12-04T10:21:59	2	0	168	165	3	0.9135	0.9136	0.0001	0.9546	0.9549	-0.0003
2023-12-04T10:24:19	2	0	10	10	0	1.0381	1.0379	-0.0002	0.967	0.9667	0.0003
2023-12-04T10:25:39	3	0	1	2	-1	0.9424	0.9815	0.0391	-0.9937	-0.9933	-0.0004
2023-12-04T10:26:06	3	0	2	2	0	0.9867	0.9872	0.0006	0.9852	0.9854	-0.0002
2023-12-04T10:27:15	2	0	1	1	0	0.9790	0.9796	0.0006	-0.9876	-0.9875	-0.0001
2023-12-04T10:28:34	1	0	4	4	0	1.0457	1.0455	-0.0002	0.9664	0.9663	0.0001
2023-12-04T10:28:38	1	0	12	12	0	0.9576	0.9575	0.0000	0.9937	0.9936	0.0001
2023-12-04T10:29:46	1	0	1	0	1	0.9445	null	null	0.9821	0.9822	-0.0001
2023-12-04T10:31:19	1	0	2	2	0	1.0408	1.0405	-0.0003	-0.9791	-0.9791	0.0000
2023-12-04T10:32:09	2	0	4	4	0	1.0428	1.0423	-0.0005	-1	1	0.0000
2023-12-04T10:32:18	1	0	2	2	0	1.0333	1.0331	-0.0002	0.9724	0.9723	0.0001
2023-12-04T10:32:21	2	0	51	48	3	1.0533	1.0531	-0.0002	0.9824	0.9823	0.0001
2023-12-04T10:32:22	1	0	1	1	0	1.0565	1.0556	-0.0009	0.9775	0.9774	0.0001
2023-12-04T10:32:33	3	0	97	97	0	1.1497	1.1496	-0.0001	-0.9763	-0.9755	-0.0008
2023-12-04T10:33:32	1	0	21	15	6	0.9430	0.9433	0.0002	0.9449	0.9445	0.0004
2023-12-04T10:33:44	1	0	1	1	0	1.0206	1.0203	-0.0003	0.9933	0.9932	0.0001
2023-12-04T10:33:57	1	0	5	5	0	1.0335	1.0334	-0.0001	0.9957	0.9957	0.0000
2023-12-04T10:34:18	5	0	19	19	0	1.0395	1.0393	-0.0002	1	1	0.0000
2023-12-04T10:34:45	4	0	4	4	0	1.0490	1.0482	-0.0007	0.977	0.9764	0.0006
2023-12-04T10:38:09	1	0	111	110	1	1.0552	1.0552	0.0000	-0.9772	-0.9771	-0.0001
2023-12-04T10:40:16	1	0	8	8	0	1.0474	1.0472	-0.0002	0.9997	0.9997	0.0000
2023-12-04T10:40:40	2	0	1	1	0	1.0238	1.0196	-0.0042	-0.9917	-0.9922	0.0005
2023-12-04T10:44:35	1	0	1	1	0	1.0351	1.0348	-0.0003	0.9788	0.9787	0.0001
2023-12-04T10:47:19	1	0	2	1	1	0.9777	1.0254	0.0478	0.9743	0.9743	0.0000
2023-12-04T10:47:34	1	0	98	96	2	1.1487	1.1558	0.0071	-0.9784	-0.9785	0.0001
2023-12-04T10:47:51	1	0	8	8	0	0.9705	0.9707	0.0002	0.9666	0.9665	0.0001
2023-12-04T10:48:13	2	0	1	1	0	0.9855	0.9863	0.0008	0.9991	0.9994	-0.0003
2023-12-04T10:50:01	2	0	5	5	0	1.0420	1.0419	-0.0002	0.9981	0.998	0.0001
2023-12-04T10:50:26	1	0	36	35	1	1.0507	1.0506	0.0000	-1	-1	0.0000
2023-12-04T10:50:29	1	0	16	15	1	1.0461	1.0460	-0.0001	-0.9974	-0.9975	0.0001
2023-12-04T10:50:51	2	0	2	2	0	1.0639	1.0634	-0.0005	0.1803	0.1871	-0.0068
2023-12-04T10:51:52	1	0	2	2	0	1.0207	1.0206	-0.0001	0.9814	0.9814	0.0000
2023-12-04T10:51:56	3	0	5	5	0	0.9740	0.9734	-0.0005	0.997	0.9969	0.0001
2023-12-04T10:58:15	1	0	54	54	0	1.0540	1.0539	0.0000	0.9626	0.9624	0.0002
2023-12-04T11:00:46	1	0	41	25	16	1.0580	1.0575	-0.0005	0.9496	0.9953	-0.0457
2023-12-04T11:01:21	1	0	2	2	0	1.0267	1.0270	0.0003	-0.9771	-0.977	-0.0001
2023-12-04T11:03:07	1	0	9	9	0	1.0443	1.0443	0.0000	-0.9941	-0.9941	0.0000
2023-12-04T11:04:53	1	0	1	1	0	1.0573	1.0568	-0.0005	0.9391	0.9383	0.0008
2023-12-04T11:05:17	5	0	14	13	1	0.9444	0.9453	0.0009	-0.9965	-0.9962	-0.0003
2023-12-04T11:05:22	2	0	23	22	1	1.0504	1.0501	-0.0003	0.9724	0.9719	0.0005
2023-12-04T11:05:27	4	0	34	33	1	1.0505	1.0504	-0.0001	-1	-1	0.0000
2023-12-04T11:06:29	1	0	4	4	0	1.0070	1.0072	0.0001	0.999	0.999	0.0000
2023-12-04T11:06:53	2	0	1	2	-1	1.0085	1.0194	0.0109	0.9825	0.9826	-0.0001
2023-12-04T11:10:42	3	0	6	5	1	0.9501	0.9653	0.0152	-0.9949	-0.9938	-0.0011
2023-12-04T11:11:09	1	0	4	4	0	1.0194	1.0192	-0.0002	0.9831	0.983	0.0001
2023-12-04T11:13:09	1	0	17	17	0	1.0469	1.0468	-0.0001	0.9932	0.9932	0.0000
2023-12-04T11:13:16	1	0	137	136	1	1.0570	1.0569	0.0000	0.9712	0.9708	0.0004
2023-12-04T11:15:47	1	0	2	2	0	1.0080	1.0071	-0.0009	0.9327	0.9021	0.0306
2023-12-04T11:16:26	2	0	1	0	1	1.0294	null	null	0.9702	0.9696	0.0006
2023-12-04T11:16:38	2	0	1	1	0	0.9441	0.9446	0.0005	0.9999	0.9999	0.0000
2023-12-04T11:19:04	1	0	6	6	0	1.0360	1.0358	-0.0002	0.9966	0.9966	0.0000
2023-12-04T11:21:54	1	0	1	2	-1	1.0021	1.0161	0.0140	0.983	0.9831	-0.0001
2023-12-04T11:21:58	2	0	5	5	0	0.9992	0.9989	-0.0003	0.9977	0.9976	0.0001
2023-12-04T11:22:16	1	0	38	38	0	1.0488	1.0488	0.0000	-0.9908	-0.9907	-0.0001
2023-12-04T11:22:44	1	0	1	1	0	1.0597	1.0593	-0.0004	0.9845	0.9843	0.0002
2023-12-04T11:23:12	2	0	139	136	3	1.0563	1.0563	0.0000	-0.9785	-0.9784	-0.0001
2023-12-04T11:28:17	3	0	202	201	1	1.0586	1.0586	0.0000	0.9771	0.9771	0.0000
2023-12-04T11:29:21	1	0	26	26	0	1.0471	1.0471	0.0000	-0.9979	-0.9979	0.0000
2023-12-04T11:29:35	1	0	67	66	1	1.0501	1.0501	-0.0001	-0.9913	-0.9913	0.0000
2023-12-04T11:30:13	1	0	25	24	1	1.0489	1.0486	-0.0003	0.9923	0.9923	0.0000
2023-12-04T11:30:35	1	0	17	17	0	1.0500	1.0499	-0.0001	0.9946	0.9945	0.0001
2023-12-04T11:31:27	2	0	1	1	0	1.0283	1.0280	-0.0003	0.967	0.9663	0.0007
2023-12-04T11:31:44	1	0	173	173	0	1.0570	1.0570	0.0000	0.9906	0.9906	0.0000
2023-12-04T11:32:13	7	0	42	39	3	1.0527	1.0521	-0.0006	0.9987	0.9986	0.0001
2023-12-04T11:32:25	2	0	56	55	1	1.0546	1.0546	0.0000	0.9822	0.9822	0.0000
2023-12-04T11:34:05	6	0	12	10	2	1.0441	1.0418	-0.0023	0.9974	0.9974	0.0000
2023-12-04T11:34:08	5	0	2	2	0	1.0364	1.0361	-0.0002	-0.995	-0.995	0.0000
2023-12-04T11:34:22	5	0	12	12	0	1.0355	1.0355	0.0000	0.9998	0.9998	0.0000
2023-12-04T11:35:02	2	0	2	2	0	1.0246	1.0246	-0.0001	0.9875	0.9875	0.0000
2023-12-04T11:38:13	6	0	161	156	5	1.0570	1.0569	-0.0001	-0.9776	-0.9775	-0.0001
2023-12-04T11:39:46	2	0	3	3	0	1.0583	1.0577	-0.0007	-0.9978	-0.9978	0.0000
2023-12-04T11:40:12	1	0	1	1	0	0.9437	0.9437	0.0000	0.9936	0.9936	0.0000
2023-12-04T11:41:11	3	0	6	6	0	0.9839	0.9838	0.0000	0.9725	0.9724	0.0001
2023-12-04T11:41:44	1	0	1	1	0	1.0582	1.0574	-0.0008	0.9912	0.9911	0.0001
2023-12-04T11:41:52	1	0	10	9	1	1.0510	1.0495	-0.0016	0.9952	0.995	0.0002
2023-12-04T11:45:14	2	0	35	34	1	1.0501	1.0499	-0.0002	0.9922	0.9922	0.0000
2023-12-04T11:46:45	1	0	168	168	0	1.0566	1.0566	0.0000	0.9904	0.9905	-0.0001
2023-12-04T11:48:37	4	0	5	7	-2	0.9703	0.9661	-0.0041	0.9547	0.9546	0.0001
2023-12-04T11:49:09	4	0	2	2	0	1.0372	1.0372	0.0000	-0.9985	-0.9985	0.0000

2023-12-04T11:50:03	2	0	1	1	0	1.0232	1.0232	0.0000	0.9865	0.9866	-0.0001
2023-12-04T11:50:05	1	0	13	13	0	1.0527	1.0527	0.0000	0.9987	0.9988	-0.0001
2023-12-04T11:50:48	1	0	1	1	0	0.9363	0.9364	0.0001	-0.998	-0.9977	-0.0003
2023-12-04T11:51:55	1	0	1	2	-1	0.9387	0.9414	0.0027	-0.9946	-0.9947	0.0001
2023-12-04T11:52:38	2	0	19	18	1	1.0483	1.0497	0.0014	0.9987	0.9987	0.0000
2023-12-04T11:55:13	1	0	2	2	0	0.9513	0.9513	0.0000	0.9834	0.9833	0.0001
2023-12-04T11:57:39	2	0	7	4	3	1.0547	1.0515	-0.0032	-0.9776	-0.9777	0.0001
2023-12-04T11:58:06	2	0	40	39	1	1.0507	1.0506	-0.0001	1	1	0.0000
2023-12-04T12:00:15	1	0	34	33	1	1.0497	1.0495	-0.0002	0.9925	0.9925	0.0000
2023-12-04T12:01:46	1	0	145	145	0	1.0562	1.0562	0.0000	0.9908	0.9909	-0.0001
2023-12-04T12:01:56	1	0	2	2	0	1.0396	1.0395	-0.0001	0.9999	0.9998	0.0001
2023-12-04T12:04:07	4	0	9	10	-1	1.0420	1.0425	0.0005	0.9978	0.9978	0.0000
2023-12-04T12:04:10	4	0	2	2	0	1.0380	1.0380	0.0000	-0.9984	-0.9984	0.0000
2023-12-04T12:05:06	1	0	22	22	0	1.0546	1.0546	0.0000	0.9985	0.9986	-0.0001
2023-12-04T12:12:40	1	0	80	80	0	1.1462	1.1462	0.0000	-0.9871	-0.9871	0.0000
2023-12-04T12:15:19	3	0	4	4	0	0.9855	0.9848	-0.0007	0.9982	0.9982	0.0000
2023-12-04T12:19:25	4	0	8	9	-1	1.0359	1.0368	0.0009	0.9997	0.9997	0.0000
2023-12-04T12:20:05	2	0	2	2	0	1.0330	1.0331	0.0001	0.9864	0.9865	-0.0001
2023-12-04T12:26:51	2	0	18	16	2	1.0531	1.0528	-0.0003	1	1	0.0000
2023-12-04T12:56:16	2	0	4	5	-1	1.0153	1.0116	-0.0037	0.985	0.985	0.0000
2023-12-04T13:03:55	3	0	12	12	0	1.0412	1.0412	0.0000	0.9967	0.9968	-0.0001
2023-12-04T13:11:58	1	0	1	1	0	1.0475	1.0475	0.0000	0.935	0.9353	-0.0003
2023-12-04T13:14:28	1	0	33	32	1	1.0490	1.0488	-0.0002	-0.9959	-0.9959	0.0000
2023-12-04T13:30:24	2	0	10	10	0	0.9521	0.9519	-0.0002	0.9976	0.9975	0.0001
2023-12-04T13:41:56	3	0	39	36	3	1.0546	1.0544	-0.0002	-0.9998	-0.9998	0.0000
2023-12-04T13:48:04	2	0	15	15	0	0.9827	0.9751	-0.0076	0.9512	0.9513	-0.0001
2023-12-04T13:48:58	2	0	8	8	0	1.0399	1.0398	0.0000	0.9967	0.9968	-0.0001
2023-12-04T13:49:02	2	0	8	7	1	1.0436	1.0415	-0.0021	0.9643	0.9642	0.0001
2023-12-04T13:53:22	3	0	171	171	0	1.0570	1.0570	0.0000	-0.977	-0.9769	-0.0001
2023-12-04T13:53:33	1	0	60	60	0	1.0488	1.0488	0.0000	-0.9937	-0.9937	0.0000
2023-12-04T14:05:01	4	0	4	5	-1	1.0495	1.0509	0.0014	0.9802	0.9805	-0.0003
2023-12-04T14:05:29	5	0	2	3	-1	0.9419	0.9733	0.0314	-0.9944	-0.9945	0.0001
2023-12-04T14:07:04	5	0	1	1	0	1.0938	1.0930	-0.0008	-0.9998	-0.9997	-0.0001
2023-12-04T14:07:09	7	0	4	5	-1	1.0508	1.0458	-0.0050	0.9985	0.9985	0.0000
2023-12-04T14:08:23	3	0	187	186	1	1.0577	1.0577	0.0000	-0.9756	-0.9755	-0.0001
2023-12-04T14:10:30	1	0	5	6	-1	1.0474	1.0470	-0.0004	0.9996	0.9996	0.0000
2023-12-04T14:11:53	1	0	3	3	0	1.0531	1.0529	-0.0002	0.9937	0.9935	0.0002
2023-12-04T14:11:54	1	0	32	32	0	0.9341	0.9341	0.0000	0.9856	0.9858	-0.0002
2023-12-04T14:13:32	1	0	1	1	0	1.0296	1.0296	0.0000	0.9969	0.997	-0.0001
2023-12-04T14:18:47	4	0	10	10	0	0.9612	0.9612	0.0001	0.971	0.971	0.0000
2023-12-04T14:19:16	1	0	2	2	0	1.0329	1.0328	-0.0001	0.9917	0.9917	0.0000
2023-12-04T14:19:33	2	0	9	9	0	1.0375	1.0374	-0.0001	0.9997	0.9997	0.0000
2023-12-04T14:20:30	2	0	6	6	0	1.0290	1.0287	-0.0003	-0.986	-0.9863	0.0003
2023-12-04T14:22:05	4	0	1	1	0	1.0876	1.0872	-0.0004	-0.9998	-0.9998	0.0000
2023-12-04T14:22:10	4	0	5	5	0	1.0404	1.0403	-0.0002	0.9986	0.9985	0.0001
2023-12-04T14:25:31	1	0	8	8	0	1.0480	1.0480	0.0000	0.9996	0.9996	0.0000
2023-12-04T14:26:03	2	0	469	461	8	0.9022	0.9029	0.0006	0.9223	0.9265	-0.0042
2023-12-04T14:26:12	1	0	5	5	0	0.9838	0.9838	-0.0001	-0.9999	-0.9999	0.0000
2023-12-04T14:26:55	1	0	12	12	0	0.9391	0.9391	0.0000	0.986	0.9855	0.0005
2023-12-04T14:26:55	1	0	1	1	0	1.0556	1.0554	-0.0002	0.9911	0.9911	0.0000
2023-12-04T14:27:09	1	0	22	21	1	1.0465	1.0467	0.0002	-0.9939	-0.994	0.0001
2023-12-04T14:27:50	1	0	3	1	2	1.0496	1.0450	-0.0046	-0.9724	-0.9725	0.0001
2023-12-04T14:31:21	5	0	13	13	0	1.0404	1.0402	-0.0002	0.9996	0.9995	0.0001
2023-12-04T14:32:25	5	0	28	27	1	1.0487	1.0485	-0.0003	0.9996	0.9996	0.0000
2023-12-04T14:34:00	10	0	3	3	0	1.0027	1.0007	-0.0019	-0.9995	-0.9997	0.0002
2023-12-04T14:34:17	1	0	3	3	0	1.0337	1.0337	0.0000	0.9928	0.9928	0.0000
2023-12-04T14:34:34	3	0	11	11	0	1.0364	1.0363	-0.0001	0.9997	0.9997	0.0000
2023-12-04T14:35:14	1	0	5	5	0	1.0389	1.0388	-0.0001	0.9887	0.9887	0.0000
2023-12-04T14:35:16	1	0	3	3	0	1.0489	1.0489	-0.0001	0.9912	0.991	0.0002
2023-12-04T14:35:41	1	0	1	0	1	1.0452	null	null	-0.9875	-0.9876	0.0001
2023-12-04T14:37:06	4	0	1	1	0	1.0898	1.0896	-0.0002	-0.9999	-0.9998	-0.0001
2023-12-04T14:37:11	1	0	2	2	0	1.0640	1.0639	-0.0001	0.9981	0.9981	0.0000
2023-12-04T14:38:25	2	0	211	208	3	1.0590	1.0589	0.0000	-0.9716	-0.9717	0.0001
2023-12-04T14:40:00	1	0	6	6	0	1.0565	1.0565	-0.0001	-0.9957	-0.9957	0.0000
2023-12-04T14:40:55	1	0	1	1	0	1.0070	1.0061	-0.0009	-0.9999	-0.9999	0.0000
2023-12-04T14:41:56	1	0	4	4	0	1.0498	1.0498	0.0000	0.9951	0.9951	0.0000
2023-12-04T14:41:56	1	0	11	11	0	0.9397	0.9397	0.0000	0.9856	0.9854	0.0002
2023-12-04T14:43:15	3	0	3	3	0	1.0468	1.0463	-0.0005	0.9979	0.9978	0.0001
2023-12-04T14:44:34	1	0	38	37	1	1.0498	1.0499	0.0001	-0.9955	-0.9956	0.0001
2023-12-04T14:45:48	1	0	15	15	0	1.0487	1.0487	0.0000	0.9881	0.9881	0.0000
2023-12-04T14:47:26	1	0	24	24	0	1.0483	1.0483	0.0000	0.9997	0.9997	0.0000
2023-12-04T14:48:49	1	0	1	1	0	1.0606	1.0605	-0.0001	0.9798	0.9797	0.0001
2023-12-04T14:52:10	1	0	2	2	0	1.0211	1.0209	-0.0002	0.9803	0.9802	0.0001
2023-12-04T14:52:12	3	0	4	4	0	1.0446	1.0444	-0.0002	0.9963	0.9963	0.0000
2023-12-04T14:55:33	1	0	8	8	0	1.0443	1.0443	0.0000	0.9995	0.9995	0.0000
2023-12-04T14:56:09	1	0	4	5	-1	1.0255	1.0250	-0.0005	0.9869	0.9869	0.0000
2023-12-04T15:02:09	1	0	2	2	0	1.0390	1.0387	-0.0003	0.9991	0.9991	0.0000
2023-12-04T15:02:51	1	0	114	114	0	1.1148	1.1148	0.0000	-0.9741	-0.9744	0.0003
2023-12-04T15:05:33	1	0	1	1	0	1.0361	1.0360	-0.0001	-0.9962	-0.9962	0.0000
2023-12-04T15:05:45	1	0	58	57	1	1.0548	1.0547	0.0000	-0.9995	-0.9995	0.0000
2023-12-04T15:11:01	1	0	1	1	0	1.0249	1.0185	-0.0064	-0.9945	-0.995	0.0005
2023-12-04T15:11:06	1	0	6	6	0	1.0120	1.0120	0.0000	0.9467	0.951	-0.0043
2023-12-04T15:11:15	1	0	7	7	0	1.0236	1.0236	0.0000	-0.9992	-0.9992	0.0000
2023-12-04T15:15:31	3	0	4	4	0	0.9433	0.9428	-0.0005	0.9979	0.9979	0.0000
2023-12-04T15:18:51	1	0	1	1	0	0.9412	0.9413	0.0001	0.9646	0.9646	0.0000

2023-12-04T15:20:49	1	0	37	37	0	1.0511	1.0511	0.0000	-0.9941	-0.9941	0.0000
2023-12-04T15:26:07	1	0	490	497	-7	0.8782	0.8788	0.0006	0.9212	0.9214	-0.0002
2023-12-04T15:30:32	3	0	4	4	0	0.9606	0.9601	-0.0005	0.9981	0.9981	0.0000
2023-12-04T15:41:08	1	0	8	8	0	1.0192	1.0189	-0.0003	0.9623	0.962	0.0003
2023-12-04T15:41:27	1	0	6	6	0	1.0190	1.0189	-0.0001	0.9872	0.9872	0.0000
2023-12-04T15:45:08	1	0	1	1	0	1.0100	1.0095	-0.0005	0.9841	0.9841	0.0000
2023-12-04T15:47:54	2	0	151	138	13	0.9378	0.9386	0.0007	0.9844	0.9846	-0.0002
2023-12-04T15:48:53	1	0	7	7	0	0.9488	0.9488	0.0000	0.9596	0.9595	0.0001
2023-12-04T15:49:07	1	0	1	1	0	0.9444	0.9445	0.0001	0.9988	0.9989	-0.0001
2023-12-04T15:49:38	1	0	14	13	1	1.0531	1.0529	-0.0002	0.999	0.999	0.0000
2023-12-04T15:51:38	1	0	1	1	0	1.0335	1.0335	0.0000	0.99	0.99	0.0000
2023-12-04T15:52:11	3	0	2	2	0	1.0473	1.0469	-0.0005	-0.9999	-0.9999	0.0000
2023-12-04T16:07:17	1	0	5	5	0	0.9996	0.9992	-0.0004	0.996	0.996	0.0000
2023-12-04T16:10:31	1	0	14	13	1	1.0543	1.0559	0.0016	0.9995	0.9994	0.0001
2023-12-04T16:18:43	1	0	47	15	32	0.9526	0.9540	0.0014	0.989	0.9893	-0.0003
2023-12-04T16:23:16	1	0	2	2	0	0.9845	0.9848	0.0002	0.972	0.9719	0.0001
2023-12-04T16:37:14	3	0	4	4	0	0.9705	0.9714	0.0009	-0.9999	-0.9999	0.0000
2023-12-04T16:41:05	1	0	1	0	1	1.0085	null	null	-1	-1	0.0000
2023-12-04T16:41:35	1	0	12	12	0	1.0289	1.0290	0.0000	1	1	0.0000
2023-12-04T16:48:45	1	0	83	83	0	0.9372	0.9374	0.0002	0.9895	0.9895	0.0000
2023-12-04T18:04:33	2	0	79	79	0	0.9358	0.9359	0.0001	0.9726	0.9729	-0.0003
2023-12-04T18:29:34	1	0	89	87	2	0.9331	0.9331	0.0001	0.9996	0.9996	0.0000
2023-12-04T18:29:57	1	0	8	8	0	1.0467	1.0467	0.0000	0.9972	0.9971	0.0001
2023-12-04T18:36:20	1	0	12	11	1	0.9701	0.9729	0.0028	0.973	0.9729	0.0001
2023-12-05T07:51:36	1	0	13	13	0	0.9374	0.9375	0.0001	1	1	0.0000
2023-12-05T07:51:48	1	0	142	142	0	0.9049	0.9050	0.0001	0.9776	0.9776	0.0000
2023-12-05T08:06:49	1	0	108	108	0	0.9072	0.9072	0.0001	0.9764	0.9764	0.0000
2023-12-05T08:10:31	1	0	81	81	0	0.9398	0.9399	0.0001	-0.9934	-0.9929	-0.0005
2023-12-05T08:13:32	2	0	4	4	0	1.0246	1.0243	-0.0003	-0.9995	-0.9995	0.0000
2023-12-05T08:29:15	1	0	9	9	0	1.0467	1.0467	0.0000	0.9978	0.9977	0.0001
2023-12-05T08:35:16	2	0	64	54	10	0.9429	0.9429	0.0000	-0.9867	-0.9857	-0.0010
2023-12-05T08:36:42	1	0	1	1	0	0.9379	0.9382	0.0003	-0.9998	-0.9997	-0.0001
2023-12-05T08:51:40	1	0	3	3	0	0.9565	0.9568	0.0003	-1	-1	0.0000
2023-12-05T08:56:04	1	0	14	14	0	0.9821	0.9823	0.0001	0.9997	0.9997	0.0000
2023-12-05T09:06:53	1	0	315	315	0	0.9033	0.9034	0.0001	0.9472	0.9471	0.0001
2023-12-05T09:08:03	2	0	120	119	1	1.0555	1.0555	0.0000	-0.9691	-0.9689	-0.0002
2023-12-05T09:14:18	1	0	10	10	0	1.0473	1.0472	0.0000	0.9977	0.9976	0.0001
2023-12-05T09:20:18	1	0	21	21	0	1.0495	1.0494	-0.0001	0.9729	0.9729	0.0000
2023-12-05T09:20:19	2	0	7	7	0	0.9573	0.9576	0.0002	-0.9871	-0.9863	-0.0008
2023-12-05T09:21:45	1	0	1	1	0	0.9426	0.9437	0.0011	-0.9993	-0.9992	-0.0001
2023-12-05T09:24:18	2	0	8	8	0	1.0520	1.0517	-0.0003	0.9941	0.9939	0.0002
2023-12-05T09:30:57	1	0	3	3	0	1.0203	1.0202	-0.0001	-1	1	0.0000
2023-12-05T09:31:36	1	0	79	78	1	1.0539	1.0538	0.0000	0.9916	0.9916	0.0000
2023-12-05T09:35:10	1	0	18	18	0	0.9438	0.9438	0.0000	-0.9998	-0.9998	0.0000
2023-12-05T09:40:39	1	0	2	2	0	1.0287	1.0273	-0.0014	0.9699	0.962	0.0079
2023-12-05T09:45:11	1	0	118	118	0	0.9005	0.9008	0.0003	0.9976	0.9977	-0.0001
2023-12-05T09:45:38	2	0	2	2	0	0.9698	0.9699	0.0002	0.9929	0.9927	0.0002
2023-12-05T09:45:41	7	0	3	3	0	1.0489	1.0466	-0.0024	0.9973	0.9967	0.0006
2023-12-05T09:46:59	1	0	4	4	0	1.0281	1.0279	-0.0002	0.9922	0.9922	0.0000
2023-12-05T09:49:46	1	0	8	8	0	1.0409	1.0409	-0.0001	0.9986	0.9986	0.0000
2023-12-05T09:50:26	4	0	22	20	2	1.0472	1.0466	-0.0006	-1	-1	0.0000
2023-12-05T09:51:24	1	0	4	4	0	0.9728	0.9725	-0.0003	0.9975	0.9974	0.0001
2023-12-05T09:54:38	1	0	1	1	0	1.0555	1.0550	-0.0005	0.9979	0.9978	0.0001
2023-12-05T09:55:05	1	0	12	11	1	1.0552	1.0578	0.0026	0.9902	0.99	0.0002
2023-12-05T09:55:37	2	0	1	0	1	1.0049	null	null	0.9999	0.9999	0.0000
2023-12-05T09:56:33	1	0	16	16	0	0.9343	0.9344	0.0000	0.9844	0.9842	0.0002
2023-12-05T09:58:39	1	0	1	1	0	1.0423	1.0412	-0.0011	-0.9997	-0.9998	0.0001
2023-12-05T09:59:21	5	0	13	13	0	1.0490	1.0487	-0.0003	0.9977	0.9976	0.0001
2023-12-05T10:00:12	2	0	98	97	1	1.1449	1.1485	0.0036	-0.9803	-0.9796	-0.0007
2023-12-05T10:00:42	7	0	59	59	0	1.0669	1.0646	-0.0024	0.9497	0.9945	-0.0448
2023-12-05T10:01:38	1	0	89	89	0	1.0546	1.0546	0.0000	0.9913	0.9913	0.0000
2023-12-05T10:02:07	4	0	34	34	0	1.0481	1.0473	-0.0008	1	1	0.0000
2023-12-05T10:02:15	1	0	2	2	0	1.0380	1.0378	-0.0002	0.966	0.9659	0.0001
2023-12-05T10:03:39	2	0	1	1	0	0.9423	0.9430	0.0007	0.9984	0.9985	-0.0001
2023-12-05T10:05:03	2	0	2	2	0	1.0471	1.0465	-0.0006	-0.8887	-0.8894	0.0007
2023-12-05T10:05:22	1	0	17	17	0	1.0483	1.0481	-0.0002	0.9761	0.976	0.0001
2023-12-05T10:06:57	2	0	141	141	0	0.9076	0.9076	0.0000	0.9545	0.9547	-0.0002
2023-12-05T10:08:05	5	0	11	10	1	1.0350	1.0342	-0.0009	0.9996	0.9996	0.0000
2023-12-05T10:08:21	5	0	14	9	5	0.9423	0.9421	-0.0001	0.9966	0.9968	-0.0002
2023-12-05T10:09:14	1	0	1	1	0	0.9915	0.9919	0.0004	0.9825	0.9826	-0.0001
2023-12-05T10:09:18	1	0	11	11	0	1.0321	1.0321	0.0000	0.9767	0.9729	0.0038
2023-12-05T10:09:39	1	0	1	1	0	1.0608	1.0605	-0.0003	0.9979	0.9979	0.0000
2023-12-05T10:12:13	2	0	2	2	0	0.9919	0.9922	0.0003	-0.988	-0.9879	-0.0001
2023-12-05T10:13:34	1	0	11	11	0	1.0485	1.0484	-0.0001	0.9729	0.9728	0.0001
2023-12-05T10:14:00	1	0	1	1	0	1.0575	1.0570	-0.0005	-0.9576	-0.9571	-0.0005
2023-12-05T10:14:16	1	0	7	7	0	1.0434	1.0433	-0.0001	-0.9998	-0.9999	0.0001
2023-12-05T10:14:22	1	0	17	17	0	1.0502	1.0502	0.0000	0.9969	0.9969	0.0000
2023-12-05T10:15:13	1	0	99	97	2	1.1444	1.1514	0.0070	-0.9818	-0.9813	-0.0005
2023-12-05T10:16:00	1	0	7	7	0	1.0433	1.0433	-0.0001	-0.9999	-0.9999	0.0000
2023-12-05T10:16:55	1	0	46	45	1	1.0503	1.0502	-0.0001	-0.9813	-0.9813	0.0000
2023-12-05T10:17:08	2	0	13	13	0	1.0481	1.0478	-0.0002	0.9999	0.9999	0.0000
2023-12-05T10:17:16	2	0	4	3	1	1.0046	1.0266	0.0220	0.9674	0.9673	0.0001
2023-12-05T10:21:47	5	0	1	1	0	1.0757	1.0746	-0.0011	0.9999	0.9999	0.0000
2023-12-05T10:21:49	2	0	54	50	4	0.9409	0.9409	0.0000	0.9988	0.9989	-0.0001
2023-12-05T10:24:19	1	0	13	13	0	1.0322	1.0322	0.0000	0.9765	0.9729	0.0036

2023-12-05T10:24:40	2	0	2	2	0	1.0444	1.0439	-0.0005	0.9972	0.9972	0.0000
2023-12-05T10:24:41	2	0	1	0	1	1.0565	null	null	-0.9965	-0.9965	0.0000
2023-12-05T10:25:41	4	0	19	17	2	0.9438	0.9492	0.0053	-0.9855	-0.9845	-0.0010
2023-12-05T10:25:42	1	0	9	9	0	0.9948	0.9949	0.0001	0.9719	0.9713	0.0006
2023-12-05T10:27:14	2	0	1	1	0	0.9841	0.9847	0.0006	-0.9856	-0.9855	-0.0001
2023-12-05T10:28:37	1	0	25	25	0	0.9486	0.9486	0.0000	0.9933	0.9932	0.0001
2023-12-05T10:29:23	1	0	12	12	0	1.0492	1.0492	0.0000	0.9971	0.9971	0.0000
2023-12-05T10:31:19	1	0	1	1	0	0.9897	0.9902	0.0005	-0.9839	-0.9838	-0.0001
2023-12-05T10:31:27	1	0	1	1	0	1.0299	1.0295	-0.0004	0.9959	0.9957	0.0002
2023-12-05T10:32:20	2	0	30	29	1	1.0511	1.0509	-0.0002	0.9803	0.9803	0.0000
2023-12-05T10:32:50	2	0	40	36	4	0.9493	0.9499	0.0006	0.9657	0.9658	-0.0001
2023-12-05T10:33:19	2	0	7	7	0	0.9521	0.9534	0.0012	0.9887	0.9888	-0.0001
2023-12-05T10:33:40	3	0	38	32	6	0.9385	0.9393	0.0008	-0.9991	-0.9991	0.0000
2023-12-05T10:33:41	1	0	12	12	0	0.9415	0.9418	0.0002	0.998	0.9982	-0.0002
2023-12-05T10:34:01	1	0	3	3	0	1.0307	1.0304	-0.0002	0.9937	0.9937	0.0000
2023-12-05T10:34:47	4	0	4	4	0	1.0477	1.0469	-0.0008	0.9775	0.977	0.0005
2023-12-05T10:35:29	7	0	21	20	1	1.0481	1.0478	-0.0003	-0.9998	-0.9998	0.0000
2023-12-05T10:37:15	1	0	28	28	0	1.0469	1.0469	0.0000	-0.9918	-0.9917	-0.0001
2023-12-05T10:38:09	1	0	98	97	1	1.0548	1.0548	0.0000	-0.978	-0.9778	-0.0002
2023-12-05T10:39:20	2	0	13	13	0	1.0231	1.0230	-0.0001	0.9751	0.9712	0.0039
2023-12-05T10:39:41	2	0	2	2	0	1.0019	1.0022	0.0003	0.9976	0.9976	0.0000
2023-12-05T10:40:42	1	0	42	34	8	0.9433	0.9440	0.0007	-0.9849	-0.9844	-0.0005
2023-12-05T10:40:43	1	0	515	518	-3	0.8801	0.8806	0.0005	0.92	0.9207	-0.0007
2023-12-05T10:44:24	1	0	15	15	0	1.0509	1.0509	0.0000	0.9977	0.9977	0.0000
2023-12-05T10:45:15	1	0	98	97	1	1.1465	1.1498	0.0033	-0.9841	-0.9836	-0.0005
2023-12-05T10:45:44	7	0	22	19	3	1.0482	1.0472	-0.0010	-0.9997	-0.9997	0.0000
2023-12-05T10:45:45	4	0	1	0	1	1.0478	null	null	0.9982	0.9579	0.0403
2023-12-05T10:47:19	1	0	3	2	1	0.9940	1.0235	0.0295	0.9674	0.9674	0.0000
2023-12-05T10:48:46	1	0	1	1	0	1.0175	1.0172	-0.0003	0.9935	0.9934	0.0001
2023-12-05T10:48:52	1	0	2	2	0	1.0026	1.0024	-0.0002	-0.9971	-0.9972	0.0001
2023-12-05T10:49:02	2	0	6	6	0	1.0347	1.0343	-0.0004	0.9947	0.9947	0.0000
2023-12-05T10:50:15	5	0	26	26	0	0.9390	0.9397	0.0008	-0.9997	-0.9997	0.0000
2023-12-05T10:50:40	1	0	1	1	0	1.0214	1.0210	-0.0004	-0.9927	-0.993	0.0003
2023-12-05T10:51:28	1	0	6	6	0	0.9713	0.9715	0.0002	0.998	0.9981	-0.0001
2023-12-05T10:52:16	2	0	23	24	-1	1.0468	1.0470	0.0002	-0.9917	-0.9918	0.0001
2023-12-05T10:55:43	2	0	13	9	4	0.9445	0.9447	0.0002	-0.9937	-0.9933	-0.0004
2023-12-05T10:55:43	2	0	33	32	1	1.0547	1.0546	-0.0001	0.9999	0.9999	0.0000
2023-12-05T10:56:08	1	0	4	4	0	1.0225	1.0224	-0.0001	0.9876	0.9875	0.0001
2023-12-05T10:56:41	1	0	2	2	0	1.0512	1.0506	-0.0006	0.9803	0.9802	0.0001
2023-12-05T10:58:03	1	0	4	4	0	1.0030	1.0033	0.0003	0.993	0.993	0.0000
2023-12-05T10:58:30	1	0	18	18	0	1.0486	1.0485	-0.0001	-0.9999	-0.9999	0.0000
2023-12-05T10:58:37	1	0	30	30	0	1.0496	1.0496	0.0000	0.9712	0.9711	0.0001
2023-12-05T10:58:43	1	0	2	2	0	1.0242	1.0237	-0.0005	0.9978	0.9977	0.0001
2023-12-05T11:00:33	1	0	19	19	0	1.0468	1.0467	-0.0001	0.9925	0.9925	0.0000
2023-12-05T11:02:11	3	0	22	20	2	1.0498	1.0500	0.0002	1	0.9999	0.0001
2023-12-05T11:02:22	4	0	35	33	2	1.0521	1.0518	-0.0003	0.9812	0.9811	0.0001
2023-12-05T11:03:35	1	0	1	0	1	1.0559	null	null	0.9696	0.9695	0.0001
2023-12-05T11:04:51	1	0	1	1	0	1.0581	1.0576	-0.0005	0.9371	0.9364	0.0007
2023-12-05T11:05:00	2	0	2	2	0	1.0328	1.0318	-0.0010	0.9851	0.985	0.0001
2023-12-05T11:05:26	2	0	7	7	0	1.0472	1.0468	-0.0004	0.9767	0.9701	0.0066
2023-12-05T11:05:30	1	0	34	32	2	1.0501	1.0500	-0.0001	-0.9945	-0.9946	0.0001
2023-12-05T11:10:17	1	0	8	8	0	1.0481	1.0479	-0.0002	0.9952	0.9952	0.0000
2023-12-05T11:11:38	1	0	15	15	0	0.9336	0.9337	0.0001	0.9853	0.9854	-0.0001
2023-12-05T11:12:13	4	0	36	36	0	1.0520	1.0520	0.0000	0.983	0.983	0.0000
2023-12-05T11:15:46	4	0	24	22	2	1.0495	1.0494	-0.0001	-1	1	0.0000
2023-12-05T11:16:25	2	0	1	1	0	1.0153	1.0147	-0.0006	0.9669	0.9665	0.0004
2023-12-05T11:20:55	2	0	4	4	0	1.0506	1.0502	-0.0004	0.9996	0.9995	0.0001
2023-12-05T11:23:10	1	0	7	7	0	1.0330	1.0329	-0.0001	0.9988	0.9988	0.0000
2023-12-05T11:25:46	1	0	1	1	0	1.0360	1.0347	-0.0013	0.9761	0.9758	0.0003
2023-12-05T11:27:14	2	0	51	50	1	1.0538	1.0537	-0.0001	0.9805	0.9805	0.0000
2023-12-05T11:29:21	1	0	9	9	0	1.0452	1.0452	0.0000	-0.9997	-0.9997	0.0000
2023-12-05T11:31:05	1	0	6	6	0	1.0436	1.0436	0.0000	-0.9999	-0.9999	0.0000
2023-12-05T11:31:33	1	0	5	6	-1	1.0438	1.0441	0.0003	0.996	0.9961	-0.0001
2023-12-05T11:31:44	1	0	66	66	0	1.0543	1.0543	0.0000	0.9911	0.9912	-0.0001
2023-12-05T11:32:22	1	0	3	4	-1	1.0369	1.0139	-0.0230	0.9726	0.9726	0.0000
2023-12-05T11:32:27	1	0	1	0	1	1.0554	null	null	0.9706	0.9705	0.0001
2023-12-05T11:33:37	2	0	1	1	0	1.0594	1.0585	-0.0009	0.9549	0.9547	0.0002
2023-12-05T11:33:47	2	0	5	5	0	1.0515	1.0515	0.0000	0.9986	0.9986	0.0000
2023-12-05T11:35:02	2	0	1	1	0	1.0270	1.0270	0.0000	0.9853	0.9853	0.0000
2023-12-05T11:35:05	1	0	4	4	0	1.0359	1.0357	-0.0002	0.9902	0.9901	0.0001
2023-12-05T11:36:31	2	0	3	3	0	1.0377	1.0375	-0.0001	0.9992	0.9992	0.0000
2023-12-05T11:38:13	2	0	75	74	1	1.0538	1.0538	0.0000	-0.9815	-0.9815	0.0000
2023-12-05T11:39:46	2	0	2	2	0	1.0579	1.0573	-0.0006	-0.9975	-0.9976	0.0001
2023-12-05T11:40:46	4	0	2	3	-1	0.9883	0.9724	-0.0158	-0.9915	-0.9918	0.0003
2023-12-05T11:40:47	1	0	2	2	0	1.0326	1.0324	-0.0002	0.9779	0.9675	0.0104
2023-12-05T11:41:40	1	0	36	36	0	0.9295	0.9295	0.0000	0.9845	0.9845	0.0000
2023-12-05T11:42:38	1	0	1	0	1	1.0568	null	null	-0.9826	-0.9826	0.0000
2023-12-05T11:46:06	1	0	5	5	0	1.0418	1.0418	0.0000	-0.9999	-0.9999	0.0000
2023-12-05T11:46:45	1	0	76	76	0	1.0543	1.0543	0.0000	0.9919	0.992	-0.0001
2023-12-05T11:47:23	1	0	5	6	-1	1.0247	1.0115	-0.0133	0.9803	0.9803	0.0000
2023-12-05T11:49:06	1	0	3	3	0	1.0339	1.0339	0.0000	0.9916	0.9916	0.0000
2023-12-05T11:50:44	1	0	2	2	0	1.0202	1.0198	-0.0004	-0.9865	-0.9872	0.0007
2023-12-05T11:50:46	1	0	2	2	0	0.9856	0.9853	-0.0003	-0.9992	-0.9991	-0.0001
2023-12-05T11:54:46	8	0	12	12	0	1.0142	1.0140	-0.0003	0.9983	0.9987	-0.0004
2023-12-05T11:55:13	3	0	10	10	0	1.0601	1.0601	0.0000	0.9927	0.9927	0.0000

2023-12-05T11:55:48	1	0	2	2	0	1.0261	1.0260	-0.0002	0.9655	0.9615	0.0040
2023-12-05T11:56:41	1	0	34	34	0	0.9323	0.9324	0.0000	0.9833	0.983	0.0003
2023-12-05T12:02:24	2	0	5	4	1	1.0122	1.0309	0.0187	0.9781	0.9782	-0.0001
2023-12-05T12:02:56	2	0	12	11	1	1.0092	1.0044	-0.0048	0.9586	0.9587	-0.0001
2023-12-05T12:05:39	2	0	101	101	0	0.9138	0.9138	0.0000	0.9472	0.9473	-0.0001
2023-12-05T12:05:47	1	0	1	1	0	1.0450	1.0450	0.0000	-0.9989	-0.9989	0.0000
2023-12-05T12:08:42	1	0	243	242	1	1.0553	1.0553	0.0000	0.9909	0.9908	0.0001
2023-12-05T12:10:14	2	0	10	10	0	1.0615	1.0615	0.0000	0.9893	0.9894	-0.0001
2023-12-05T12:10:49	1	0	716	717	-1	0.8537	0.8537	0.0000	0.904	0.9037	0.0003
2023-12-05T12:11:42	1	0	14	14	0	0.9385	0.9385	0.0000	0.988	0.988	0.0000
2023-12-05T12:15:20	3	0	4	4	0	0.9925	0.9917	-0.0008	0.9986	0.9986	0.0000
2023-12-05T12:18:40	5	0	1	1	0	0.9443	0.9450	0.0007	0.9682	0.9687	-0.0005
2023-12-05T12:23:16	3	0	137	135	2	1.0554	1.0549	-0.0004	-0.9807	-0.9806	-0.0001
2023-12-05T12:24:49	1	0	2	3	-1	1.0591	1.0579	-0.0012	-0.9973	-0.9972	-0.0001
2023-12-05T12:25:49	3	0	4	6	-2	0.9445	0.9442	-0.0004	-0.991	-0.9909	-0.0001
2023-12-05T12:26:52	3	0	16	15	1	1.0545	1.0543	-0.0002	1	1	0.0000
2023-12-05T12:29:25	1	0	29	28	1	1.0480	1.0477	-0.0003	-0.9984	-0.9984	0.0000
2023-12-05T12:38:17	1	0	98	98	0	1.0547	1.0547	0.0000	-0.9786	-0.9785	-0.0001
2023-12-05T12:48:52	1	0	6	7	-1	0.9606	0.9581	-0.0026	0.999	0.999	0.0000
2023-12-05T12:56:45	1	0	38	38	0	0.9270	0.9270	0.0000	0.9856	0.9856	0.0000
2023-12-05T13:35:51	2	0	4	4	0	1.0223	1.0220	-0.0003	-0.985	-0.9858	0.0008
2023-12-05T13:47:31	1	0	2	2	0	1.0246	1.0245	-0.0001	0.9776	0.9776	0.0000
2023-12-05T13:48:46	3	0	2	2	0	0.9569	0.9572	0.0003	0.9552	0.9553	-0.0001
2023-12-05T13:50:11	1	0	1	1	0	1.0274	1.0274	0.0000	0.9865	0.9865	0.0000
2023-12-05T13:54:55	1	0	2	2	0	1.0577	1.0576	-0.0001	-0.9969	-0.9969	0.0000
2023-12-05T14:03:33	1	0	1	1	0	1.0366	1.0365	-0.0001	0.9898	0.9901	-0.0003
2023-12-05T14:03:47	3	0	6	6	0	0.9720	0.9721	0.0001	0.9567	0.9567	0.0000
2023-12-05T14:04:02	2	0	15	14	1	1.0501	1.0489	-0.0012	0.9549	0.9548	0.0001
2023-12-05T14:05:01	3	0	5	6	-1	1.0520	1.0522	0.0002	0.9791	0.9793	-0.0002
2023-12-05T14:05:28	4	0	2	2	0	1.0465	0.9909	-0.0556	-0.9982	-0.9982	0.0000
2023-12-05T14:07:04	7	0	2	2	0	1.0665	1.0664	-0.0001	1	1	0.0000
2023-12-05T14:08:23	2	0	137	134	3	1.0562	1.0561	0.0000	-0.9784	-0.9783	-0.0001
2023-12-05T14:09:55	2	0	2	2	0	1.0396	1.0395	-0.0001	0.9977	0.9976	0.0001
2023-12-05T14:09:56	1	0	2	2	0	1.0572	1.0572	-0.0001	-0.9988	-0.9988	0.0000
2023-12-05T14:10:56	2	0	27	27	0	0.9476	0.9474	-0.0002	-0.9962	-0.9962	0.0000
2023-12-05T14:12:48	1	0	80	80	0	1.1486	1.1477	-0.0009	-0.9836	-0.9837	0.0001
2023-12-05T14:13:16	1	0	1	1	0	1.0872	1.0872	0.0000	0.9993	0.9992	0.0001
2023-12-05T14:18:48	1	0	1	1	0	1.0587	1.0583	-0.0004	0.9605	0.9605	0.0000
2023-12-05T14:18:55	12	0	5	5	0	1.0055	1.0050	-0.0005	-0.9959	-0.9961	0.0002
2023-12-05T14:19:16	1	0	2	2	0	1.0232	1.0232	0.0000	0.9863	0.9863	0.0000
2023-12-05T14:20:02	2	0	4	4	0	1.0490	1.0488	-0.0001	0.9788	0.9787	0.0001
2023-12-05T14:20:04	1	0	14	14	0	1.0529	1.0529	0.0000	0.9915	0.9916	-0.0001
2023-12-05T14:22:05	4	0	1	1	0	1.0933	1.0931	-0.0002	-1	-0.9999	-0.0001
2023-12-05T14:24:56	1	0	2	2	0	1.0583	1.0583	0.0000	0.9982	0.9981	0.0001
2023-12-05T14:26:23	1	0	3	3	0	1.0193	1.0193	0.0000	0.9825	0.9814	0.0011
2023-12-05T14:27:49	1	0	80	80	0	1.0707	1.0702	-0.0004	-0.9858	-0.9858	0.0000
2023-12-05T14:31:01	1	0	16	15	1	1.0573	1.0571	-0.0002	0.9075	0.9903	-0.0828
2023-12-05T14:33:49	1	0	2	2	0	1.0147	1.0148	0.0001	0.9587	0.9588	-0.0001
2023-12-05T14:35:03	2	0	4	4	0	1.0493	1.0492	-0.0001	0.9786	0.9786	0.0000
2023-12-05T14:35:05	1	0	86	86	0	1.0562	1.0561	-0.0001	-0.9917	-0.9918	0.0001
2023-12-05T14:35:17	1	0	5	5	0	1.0399	1.0399	0.0000	0.9923	0.9921	0.0002
2023-12-05T14:36:43	2	0	2	2	0	1.0246	1.0245	-0.0001	0.9982	0.9982	0.0000
2023-12-05T14:37:06	3	0	1	1	0	1.0867	1.0865	-0.0002	-1	-1	0.0000
2023-12-05T14:39:57	4	0	3	3	0	1.0381	1.0378	-0.0003	0.9983	0.9983	0.0000
2023-12-05T14:40:00	1	0	2	2	0	1.0576	1.0574	-0.0002	-0.9974	-0.9974	0.0000
2023-12-05T14:42:50	1	0	80	80	0	1.1495	1.1493	-0.0002	-0.9894	-0.9894	0.0000
2023-12-05T14:44:41	1	0	18	18	0	1.0506	1.0506	0.0000	0.9982	0.9975	0.0007
2023-12-05T14:46:02	1	0	1	1	0	1.0306	1.0300	-0.0006	0.9079	0.9351	-0.0272
2023-12-05T15:04:00	3	0	1	1	0	0.9427	0.9429	0.0002	-0.9991	-0.9991	0.0000
2023-12-05T15:08:27	2	0	136	134	2	1.0570	1.0570	0.0000	-0.9808	-0.9807	-0.0001
2023-12-05T15:09:59	1	0	7	7	0	1.0056	1.0054	-0.0002	0.997	0.997	0.0000
2023-12-05T15:11:01	1	0	441	440	1	0.9009	0.9012	0.0004	0.9419	0.934	0.0079
2023-12-05T15:11:26	1	0	2	2	0	1.0161	1.0161	0.0000	0.9865	0.9866	-0.0001
2023-12-05T15:14:02	1	0	7	7	0	1.0509	1.0508	-0.0001	0.994	0.994	0.0000
2023-12-05T15:14:52	1	0	1	1	0	1.0334	1.0329	-0.0005	0.9842	0.9841	0.0001
2023-12-05T15:16:04	4	0	1	1	0	1.0217	1.0182	-0.0035	0.9111	0.9089	0.0022
2023-12-05T15:26:02	1	0	2	2	0	0.9472	0.9474	0.0002	-0.9923	-0.99	-0.0023
2023-12-05T15:27:13	1	0	18	18	0	1.0483	1.0483	0.0000	-1	-1	0.0000
2023-12-05T15:28:20	6	0	267	261	6	1.0596	1.0594	-0.0001	0.9954	0.9962	-0.0008
2023-12-05T15:29:21	2	0	5	4	1	0.9702	0.9772	0.0069	-0.9969	-0.9966	-0.0003
2023-12-05T15:30:07	1	0	1	1	0	1.0373	1.0370	-0.0003	0.9983	0.9983	0.0000
2023-12-05T15:31:15	1	0	96	95	1	0.9393	0.9393	0.0000	0.9379	0.9377	0.0002
2023-12-05T15:31:21	1	0	4	4	0	1.0257	1.0255	-0.0002	0.994	0.994	0.0000
2023-12-05T15:31:24	2	0	18	17	1	1.0519	1.0516	-0.0003	0.9917	0.9913	0.0004
2023-12-05T15:31:49	6	0	91	77	14	0.9363	0.9368	0.0005	0.9913	0.9918	-0.0005
2023-12-05T15:34:01	10	0	4	4	0	1.0161	1.0151	-0.0010	-0.9967	-0.9968	0.0001
2023-12-05T15:41:02	1	0	1	1	0	1.0044	1.0040	-0.0004	1	1	0.0000
2023-12-05T16:01:07	3	0	7	7	0	1.0430	1.0426	-0.0004	0.9565	0.9578	-0.0013
2023-12-05T16:03:41	1	0	7	7	0	0.9530	0.9532	0.0002	0.9905	0.9907	-0.0002
2023-12-05T16:19:06	1	0	3	3	0	0.9422	0.9426	0.0004	0.9973	0.9973	0.0000
2023-12-05T16:22:13	6	0	5	5	0	0.9887	0.9904	0.0017	1	1	0.0000
2023-12-05T16:33:43	1	0	5	6	-1	0.9434	0.9436	0.0002	0.9886	0.9887	-0.0001
2023-12-05T17:25:03	1	0	5	5	0	1.0375	1.0375	0.0000	-0.9974	-0.9974	0.0000
2023-12-05T18:07:30	1	0	127	127	0	0.9278	0.9278	0.0000	0.9913	0.9913	0.0000
2023-12-05T18:20:55	2	0	64	64	0	0.9415	0.9415	0.0000	-0.988	-0.9874	-0.0006

2023-12-05T18:22:21	1	0	3	3	0	0.9526	0.9526	0.0000	1	1	0.0000
2023-12-05T18:22:31	1	0	124	124	0	0.9118	0.9118	0.0000	0.9904	0.9904	0.0000
2023-12-05T18:29:19	1	0	1	1	0	1.0328	1.0328	0.0000	0.9995	0.9994	0.0001
2023-12-06T07:50:16	2	0	80	78	2	0.9412	0.9412	0.0000	-0.9474	-0.9458	-0.0016
2023-12-06T07:51:50	2	0	116	116	0	0.9158	0.9160	0.0001	0.9801	0.9801	0.0000
2023-12-06T07:56:03	2	0	15	13	2	0.9959	0.9961	0.0002	0.9992	0.9992	0.0000
2023-12-06T08:09:37	2	0	57	57	0	0.9281	0.9282	0.0001	0.9963	0.9956	0.0007
2023-12-06T08:10:34	1	0	90	90	0	0.9366	0.9366	0.0000	-0.9954	-0.995	-0.0004
2023-12-06T08:18:28	1	0	90	90	0	0.9461	0.9462	0.0001	0.9789	0.9788	0.0001
2023-12-06T08:29:21	1	0	9	9	0	1.0476	1.0476	0.0000	0.9996	0.9995	0.0001
2023-12-06T08:36:45	1	0	11	11	0	0.9400	0.9403	0.0003	-0.9983	-0.9982	-0.0001
2023-12-06T08:43:38	2	0	2	2	0	1.0246	1.0241	-0.0005	-0.9997	-0.9997	0.0000
2023-12-06T08:51:45	1	0	3	3	0	0.9560	0.9563	0.0003	1	1	0.0000
2023-12-06T09:03:31	1	0	13	13	0	0.9536	0.9536	0.0000	0.9794	0.9794	0.0000
2023-12-06T09:05:21	3	0	58	44	14	0.9440	0.9441	0.0001	-0.9917	-0.9911	-0.0006
2023-12-06T09:06:32	1	0	20	18	2	0.9432	0.9433	0.0002	0.8388	0.8389	-0.0001
2023-12-06T09:06:46	1	0	3	3	0	0.9568	0.9573	0.0004	0.9999	1	-0.0001
2023-12-06T09:06:55	1	0	77	74	3	0.9258	0.9261	0.0003	0.9841	0.9838	0.0003
2023-12-06T09:09:41	1	0	22	20	2	0.9539	0.9540	0.0001	0.9978	0.9978	0.0000
2023-12-06T09:13:40	3	0	3	3	0	0.9757	0.9757	0.0000	-1	-1	0.0000
2023-12-06T09:18:32	3	0	17	16	1	0.9540	0.9541	0.0002	0.9636	0.9637	-0.0001
2023-12-06T09:20:16	1	0	54	53	1	0.9412	0.9418	0.0006	0.9882	0.9883	-0.0001
2023-12-06T09:20:20	1	0	17	17	0	1.0495	1.0494	-0.0001	0.9754	0.9753	0.0001
2023-12-06T09:21:47	2	0	9	9	0	0.9502	0.9509	0.0007	0.9999	0.9999	0.0000
2023-12-06T09:21:48	1	0	10	9	1	0.9406	0.9409	0.0003	-0.9991	-0.999	-0.0001
2023-12-06T09:25:39	2	0	24	22	2	0.9483	0.9487	0.0004	-0.9882	-0.9881	-0.0001
2023-12-06T09:30:44	1	0	5	5	0	1.0270	1.0270	0.0000	0.9907	0.9906	0.0001
2023-12-06T09:31:02	1	0	10	10	0	1.0437	1.0437	0.0000	-0.9998	-0.9998	0.0000
2023-12-06T09:31:58	1	0	2	2	0	1.0288	1.0276	-0.0012	0.9708	0.9629	0.0079
2023-12-06T09:32:18	2	0	3	3	0	1.0359	1.0357	-0.0002	0.9868	0.9868	0.0000
2023-12-06T09:33:42	3	0	5	4	1	1.0242	1.0183	-0.0058	-0.9961	-0.9961	0.0000
2023-12-06T09:35:24	4	0	15	15	0	1.0511	1.0504	-0.0007	-1	-1	0.0000
2023-12-06T09:39:23	2	0	7	7	0	1.0526	1.0520	-0.0006	0.9995	0.9994	0.0001
2023-12-06T09:40:45	1	0	4	5	-1	1.0264	1.0256	-0.0008	0.9968	0.9966	0.0002
2023-12-06T09:45:45	8	0	5	5	0	1.0257	1.0261	0.0004	0.9895	0.9899	-0.0004
2023-12-06T09:46:41	1	0	52	51	1	1.0525	1.0524	-0.0001	0.9883	0.9884	-0.0001
2023-12-06T09:48:43	2	0	12	11	1	0.9587	0.9605	0.0018	-0.9965	-0.9964	-0.0001
2023-12-06T09:50:15	1	0	5	5	0	0.9568	0.9567	-0.0001	-0.9984	-0.9984	0.0000
2023-12-06T09:50:22	1	0	20	19	1	1.0474	1.0474	0.0000	0.9726	0.9725	0.0001
2023-12-06T09:50:25	1	0	12	12	0	1.0459	1.0457	-0.0002	1	1	0.0000
2023-12-06T09:52:49	2	0	2	2	0	0.9869	0.9873	0.0004	0.9849	0.9847	0.0002
2023-12-06T09:53:09	1	0	85	84	1	1.0543	1.0543	0.0000	-0.9833	-0.9832	-0.0001
2023-12-06T09:54:44	2	0	4	2	2	1.0543	1.0511	-0.0032	-0.9974	-0.9974	0.0000
2023-12-06T09:54:44	2	0	2	2	0	0.9801	0.9797	-0.0003	0.998	0.998	0.0000
2023-12-06T09:57:17	2	0	1	1	0	0.9918	0.9923	0.0005	-0.9801	-0.9799	-0.0002
2023-12-06T09:59:27	4	0	20	17	3	1.0504	1.0506	0.0002	0.9996	0.9996	0.0000
2023-12-06T10:00:17	2	0	8	8	0	0.9710	0.9712	0.0003	0.9975	0.9975	0.0000
2023-12-06T10:00:43	2	0	3	3	0	0.9643	0.9647	0.0004	0.9919	0.992	-0.0001
2023-12-06T10:01:42	1	0	55	54	1	1.0531	1.0531	0.0000	0.9895	0.9895	0.0000
2023-12-06T10:02:07	1	0	10	10	0	1.0368	1.0367	-0.0002	0.9964	0.9962	0.0002
2023-12-06T10:02:10	3	0	21	17	4	1.0466	1.0466	0.0000	0.999	0.9989	0.0001
2023-12-06T10:02:53	2	0	35	35	0	0.9567	0.9571	0.0003	0.9528	0.953	-0.0002
2023-12-06T10:03:35	1	0	1	1	0	0.9436	0.9440	0.0004	0.972	0.9722	-0.0002
2023-12-06T10:03:43	2	0	3	3	0	0.9766	0.9770	0.0004	0.9977	0.9978	-0.0001
2023-12-06T10:03:44	1	0	7	7	0	0.9690	0.9690	-0.0001	-0.9975	-0.9975	0.0000
2023-12-06T10:05:16	1	0	21	20	1	0.9403	0.9402	-0.0001	-0.9995	-0.9994	-0.0001
2023-12-06T10:05:26	2	0	15	15	0	1.0458	1.0457	0.0000	0.9999	0.9999	0.0000
2023-12-06T10:06:31	1	0	6	6	0	0.9721	0.9719	-0.0002	0.9983	0.9982	0.0001
2023-12-06T10:06:50	5	0	1	1	0	1.0729	1.0719	-0.0010	0.9999	0.9998	0.0001
2023-12-06T10:08:25	5	0	19	14	5	0.9415	0.9421	0.0005	0.9943	0.9945	-0.0002
2023-12-06T10:09:45	2	0	4	4	0	1.0588	1.0585	-0.0003	-0.9972	-0.9972	0.0000
2023-12-06T10:09:45	2	0	4	4	0	1.0064	1.0061	-0.0004	0.998	0.9979	0.0001
2023-12-06T10:10:47	1	0	12	11	1	1.0470	1.0459	-0.0011	0.9981	0.9981	0.0000
2023-12-06T10:11:42	1	0	19	19	0	0.9317	0.9318	0.0001	0.9819	0.9815	0.0004
2023-12-06T10:12:47	4	0	6	6	0	1.0337	1.0334	-0.0003	0.9994	0.9994	0.0000
2023-12-06T10:14:05	1	0	1	1	0	1.0624	1.0620	-0.0004	-0.9466	-0.9459	-0.0007
2023-12-06T10:14:28	4	0	10	10	0	1.0487	1.0486	-0.0001	0.9963	0.9963	0.0000
2023-12-06T10:15:18	2	0	98	97	1	1.1461	1.1496	0.0035	-0.9862	-0.9861	-0.0001
2023-12-06T10:15:47	6	0	49	39	10	1.0571	1.0554	-0.0017	0.9895	0.9756	0.0139
2023-12-06T10:16:04	1	0	10	10	0	1.0421	1.0420	-0.0001	1	1	0.0000
2023-12-06T10:17:11	2	0	33	33	0	1.0493	1.0491	-0.0002	0.9994	0.9993	0.0001
2023-12-06T10:17:54	2	0	24	23	1	0.9745	0.9708	-0.0036	0.9556	0.9557	-0.0001
2023-12-06T10:19:02	2	0	2	2	0	1.0354	1.0351	-0.0003	0.9977	0.9977	0.0000
2023-12-06T10:19:53	1	0	14	14	0	1.0498	1.0497	0.0000	0.9969	0.9966	0.0003
2023-12-06T10:20:00	2	0	1	0	1	1.0272	null	null	0.9966	0.9958	0.0008
2023-12-06T10:20:17	2	0	20	20	0	0.9381	0.9384	0.0003	-0.999	-0.9989	-0.0001
2023-12-06T10:21:51	14	0	4	3	1	0.9873	0.9997	0.0124	0.9997	0.9999	-0.0002
2023-12-06T10:24:25	3	0	17	16	1	1.0316	1.0319	0.0004	0.9741	0.9738	0.0003
2023-12-06T10:25:43	3	0	27	27	0	0.9436	0.9471	0.0035	-0.9873	-0.9862	-0.0011
2023-12-06T10:28:43	1	0	48	48	0	0.9463	0.9463	0.0000	0.9927	0.9926	0.0001
2023-12-06T10:29:21	1	0	7	7	0	1.0425	1.0424	-0.0001	-0.9999	-0.9999	0.0000
2023-12-06T10:32:12	1	0	30	29	1	1.0508	1.0506	-0.0002	0.9998	0.9998	0.0000
2023-12-06T10:32:22	1	0	2	2	0	1.0331	1.0329	-0.0001	0.9861	0.986	0.0001
2023-12-06T10:34:02	1	0	7	7	0	1.0388	1.0387	-0.0001	0.9981	0.9981	0.0000
2023-12-06T10:34:48	4	0	4	3	1	1.0462	1.0456	-0.0006	0.9777	0.9772	0.0005

2023-12-06T10:34:54	1	0	20	18	2	1.0531	1.0515	-0.0016	-0.9927	-0.9936	0.0009
2023-12-06T10:35:01	2	0	2	2	0	1.0432	1.0421	-0.0010	0.9983	0.9992	-0.0009
2023-12-06T10:35:06	1	0	4	4	0	1.0372	1.0371	-0.0002	0.9967	0.9967	0.0000
2023-12-06T10:35:18	1	0	23	23	0	0.9456	0.9456	0.0000	-0.9988	-0.9988	0.0000
2023-12-06T10:39:18	1	0	1	1	0	0.9891	0.9895	0.0004	0.9967	0.9967	0.0000
2023-12-06T10:40:13	2	0	3	3	0	0.8866	0.8868	0.0002	0.9736	0.9737	-0.0001
2023-12-06T10:40:22	1	0	8	8	0	1.0488	1.0486	-0.0001	0.9967	0.9967	0.0000
2023-12-06T10:40:44	1	0	60	60	0	0.9417	0.9418	0.0002	-0.9955	-0.9954	-0.0001
2023-12-06T10:40:57	1	0	2	2	0	1.0217	1.0215	-0.0002	0.9854	0.9853	0.0001
2023-12-06T10:45:20	2	0	98	98	0	1.1368	1.1365	-0.0003	0.9983	0.9985	-0.0002
2023-12-06T10:46:38	1	0	14	14	0	0.9447	0.9448	0.0001	0.9939	0.994	-0.0001
2023-12-06T10:48:47	6	0	4	5	-1	0.9664	0.9620	-0.0044	-0.9975	-0.9975	0.0000
2023-12-06T10:48:49	1	0	2	2	0	1.0271	1.0268	-0.0003	0.9731	0.973	0.0001
2023-12-06T10:48:56	1	0	8	8	0	1.0363	1.0363	0.0000	-0.9983	-0.9984	0.0001
2023-12-06T10:49:03	1	0	2	2	0	1.0336	1.0335	-0.0002	-1	-1	0.0000
2023-12-06T10:50:26	2	0	26	25	1	1.0528	1.0524	-0.0004	0.977	0.9763	0.0007
2023-12-06T10:50:29	1	0	10	10	0	1.0459	1.0458	-0.0001	1	1	0.0000
2023-12-06T10:50:34	1	0	35	34	1	1.0490	1.0489	-0.0001	-0.9948	-0.9948	0.0000
2023-12-06T10:50:56	2	0	3	3	0	1.0478	1.0475	-0.0003	-0.9993	-0.9994	0.0001
2023-12-06T10:51:34	1	0	7	7	0	0.9672	0.9675	0.0002	0.9982	0.9982	0.0000
2023-12-06T10:52:02	2	0	142	141	1	0.9172	0.9175	0.0002	0.9594	0.9599	-0.0005
2023-12-06T10:53:13	2	0	99	97	2	1.0544	1.0544	0.0000	-0.9814	-0.9813	-0.0001
2023-12-06T10:54:48	4	0	4	4	0	1.0425	1.0422	-0.0003	0.999	0.999	0.0000
2023-12-06T10:55:45	1	0	44	43	1	0.9423	0.9424	0.0002	-0.9945	-0.9944	-0.0001
2023-12-06T10:56:54	1	0	11	10	1	1.0503	1.0494	-0.0009	0.99	0.9898	0.0002
2023-12-06T10:59:36	1	0	67	66	1	1.0494	1.0493	-0.0001	-0.9934	-0.9934	0.0000
2023-12-06T11:00:36	1	0	23	23	0	1.0507	1.0506	-0.0001	0.9881	0.9881	0.0000
2023-12-06T11:02:14	3	0	29	25	4	1.0505	1.0503	-0.0001	0.999	0.999	0.0000
2023-12-06T11:03:39	1	0	3	3	0	0.9911	0.9910	-0.0001	0.9737	0.9736	0.0001
2023-12-06T11:05:07	2	0	143	142	1	1.0621	1.0621	0.0000	0.998	0.9969	0.0011
2023-12-06T11:05:20	1	0	11	11	0	0.9381	0.9383	0.0002	-0.9993	-0.9993	0.0000
2023-12-06T11:05:30	1	0	12	12	0	1.0461	1.0460	-0.0001	-1	-1	0.0000
2023-12-06T11:05:57	1	0	15	15	0	1.0482	1.0481	-0.0001	-0.9994	-0.9994	0.0000
2023-12-06T11:06:35	1	0	6	6	0	0.9741	0.9742	0.0001	0.9988	0.9988	0.0000
2023-12-06T11:07:47	1	0	1	1	0	1.0387	1.0384	-0.0003	0.9822	0.9821	0.0001
2023-12-06T11:08:14	1	0	153	151	2	1.0570	1.0570	0.0000	-0.9799	-0.9798	-0.0001
2023-12-06T11:08:24	1	0	3	3	0	1.0429	1.0413	-0.0016	0.9883	0.9874	0.0009
2023-12-06T11:09:55	1	0	4	5	-1	1.0354	1.0358	0.0005	-0.9939	-0.9939	0.0000
2023-12-06T11:12:41	1	0	80	80	0	1.1476	1.1455	-0.0021	-0.9888	-0.9889	0.0001
2023-12-06T11:12:46	1	0	11	10	1	1.0484	1.0477	-0.0007	0.9998	0.9998	0.0000
2023-12-06T11:14:32	1	0	13	12	1	1.0495	1.0498	0.0003	0.997	0.9969	0.0001
2023-12-06T11:17:06	1	0	1	2	-1	1.0284	1.0305	0.0021	0.9608	0.9647	-0.0039
2023-12-06T11:17:15	2	0	47	46	1	1.0524	1.0523	-0.0001	0.9995	0.9995	0.0000
2023-12-06T11:17:32	1	0	1	1	0	1.0569	1.0558	-0.0011	0.9768	0.9767	0.0001
2023-12-06T11:18:39	2	0	155	150	5	1.0630	1.0628	-0.0002	1	1	0.0000
2023-12-06T11:24:29	2	0	13	13	0	1.0341	1.0341	0.0000	0.9721	0.9721	0.0000
2023-12-06T11:25:47	1	0	40	40	0	0.9400	0.9401	0.0001	-0.9948	-0.9947	-0.0001
2023-12-06T11:29:25	1	0	6	6	0	1.0439	1.0439	0.0000	-0.9993	-0.9993	0.0000
2023-12-06T11:30:52	1	0	2	2	0	1.0087	1.0077	-0.0010	0.951	0.9256	0.0254
2023-12-06T11:31:09	2	0	12	12	0	1.0440	1.0439	-0.0001	-1	-1	0.0000
2023-12-06T11:32:26	2	0	3	2	1	0.9956	1.0218	0.0263	0.9881	0.9881	0.0000
2023-12-06T11:32:28	4	0	45	44	1	1.0510	1.0509	-0.0001	0.9887	0.9887	0.0000
2023-12-06T11:35:32	11	0	18	17	1	1.0473	1.0472	-0.0001	-0.9999	-0.9999	0.0000
2023-12-06T11:36:57	1	0	1	1	0	0.9369	0.9369	0.0000	-0.9954	-0.9954	0.0000
2023-12-06T11:37:49	1	0	2	2	0	1.0504	1.0502	-0.0002	0.9812	0.981	0.0002
2023-12-06T11:40:18	3	0	13	12	1	1.0589	1.0611	0.0022	0.9942	0.9937	0.0005
2023-12-06T11:40:53	1	0	6	6	0	1.0278	1.0278	0.0000	0.9957	0.9958	-0.0001
2023-12-06T11:41:48	1	0	1	1	0	1.0569	1.0564	-0.0005	0.9916	0.9913	0.0003
2023-12-06T11:42:04	1	0	1	1	0	0.9412	0.9416	0.0004	-1	-1	0.0000
2023-12-06T11:43:45	1	0	8	8	0	1.0442	1.0441	-0.0001	0.9694	0.9693	0.0001
2023-12-06T11:47:08	1	0	5	5	0	0.9964	0.9970	0.0005	0.9628	0.966	-0.0032
2023-12-06T11:47:27	2	0	2	2	0	1.0416	1.0416	-0.0001	0.9883	0.9884	-0.0001
2023-12-06T11:47:29	6	0	55	50	5	1.0520	1.0516	-0.0004	0.9894	0.9893	0.0001
2023-12-06T11:48:50	4	0	5	5	0	1.0278	1.0276	-0.0002	0.9982	0.9981	0.0001
2023-12-06T11:51:58	1	0	2	3	-1	0.9403	0.9415	0.0012	-0.9961	-0.9962	0.0001
2023-12-06T11:53:17	6	0	185	181	4	1.0577	1.0576	-0.0001	-0.9715	-0.9716	0.0001
2023-12-06T11:55:54	1	0	2	2	0	1.0380	1.0380	-0.0001	0.9957	0.9958	-0.0001
2023-12-06T11:56:50	1	0	1	1	0	1.0567	1.0561	-0.0006	0.9953	0.9953	0.0000
2023-12-06T12:02:04	1	0	45	45	0	1.0511	1.0510	-0.0001	-0.9834	-0.9833	-0.0001
2023-12-06T12:10:20	2	0	12	13	-1	1.0604	1.0587	-0.0017	0.9933	0.9935	-0.0002
2023-12-06T12:14:45	1	0	1	0	1	1.0564	null	null	0.9945	0.9945	0.0000
2023-12-06T12:17:00	1	0	1	1	0	1.0408	1.0405	-0.0003	0.9997	0.9997	0.0000
2023-12-06T12:27:27	1	0	1	1	0	1.0454	1.0454	0.0000	0.9775	0.9775	0.0000
2023-12-06T12:33:53	2	0	3	4	-1	1.0509	1.0245	-0.0264	0.9985	0.9985	0.0000
2023-12-06T12:40:09	1	0	1	1	0	1.0416	1.0416	0.0000	0.9982	0.9982	0.0000
2023-12-06T12:47:31	2	0	1	0	1	0.9353	null	null	0.9782	0.9783	-0.0001
2023-12-06T13:09:57	1	0	4	5	-1	1.0591	1.0510	-0.0081	0.9989	0.9989	0.0000
2023-12-06T13:10:11	1	0	9	9	0	1.0452	1.0452	0.0000	0.9981	0.9981	0.0000
2023-12-06T13:11:44	1	0	663	663	0	0.8097	0.8097	0.0001	0.7371	0.7373	-0.0002
2023-12-06T13:22:05	1	0	2	3	-1	0.9372	0.9392	0.0020	-0.999	-0.9991	0.0001
2023-12-06T13:30:29	3	0	8	8	0	0.9470	0.9467	-0.0003	0.997	0.997	0.0000
2023-12-06T13:41:46	1	0	27	27	0	1.0501	1.0498	-0.0003	0.9687	0.9685	0.0002
2023-12-06T13:43:19	1	0	6	6	0	1.0036	1.0037	0.0001	0.9936	0.9937	-0.0001
2023-12-06T13:55:32	4	0	32	31	1	1.0517	1.0516	-0.0001	0.9891	0.9891	0.0000
2023-12-06T14:00:31	3	0	8	8	0	0.9372	0.9371	-0.0001	0.9959	0.9959	0.0000

2023-12-06T14:01:39	1	0	2	2	0	1.0265	1.0266	0.0001	-0.9803	-0.9802	-0.0001
2023-12-06T14:02:38	4	0	41	40	1	1.0527	1.0526	-0.0001	0.9827	0.9827	0.0000
2023-12-06T14:05:19	3	0	8	11	-3	1.0496	1.0512	0.0015	0.9885	0.9886	-0.0001
2023-12-06T14:08:26	1	0	168	167	1	1.0576	1.0576	0.0000	-0.9827	-0.9826	-0.0001
2023-12-06T14:10:02	6	0	6	6	0	1.0276	1.0274	-0.0002	0.9986	0.9986	0.0000
2023-12-06T14:14:48	4	0	8	9	-1	1.0484	1.0492	0.0008	0.9965	0.9965	0.0000
2023-12-06T14:16:04	6	0	3	3	0	1.0063	1.0070	0.0006	0.9532	0.9288	0.0244
2023-12-06T14:17:13	1	0	52	51	1	1.0516	1.0515	-0.0001	-0.9828	-0.9827	-0.0001
2023-12-06T14:17:39	8	0	59	58	1	1.0542	1.0542	-0.0001	0.9839	0.9839	0.0000
2023-12-06T14:19:17	3	0	4	5	-1	1.0355	1.0364	0.0009	0.9947	0.9947	0.0000
2023-12-06T14:19:32	2	0	20	19	1	1.0486	1.0482	-0.0004	0.9882	0.9882	0.0000
2023-12-06T14:20:20	1	0	15	13	2	1.0527	1.0523	-0.0004	0.9891	0.989	0.0001
2023-12-06T14:20:33	4	0	1	0	1	1.0555	null	null	-0.9932	-0.9932	0.0000
2023-12-06T14:20:48	1	0	25	25	0	1.0480	1.0480	0.0000	-0.994	-0.994	0.0000
2023-12-06T14:25:02	1	0	2	2	0	1.0660	1.0660	-0.0001	0.9994	0.9994	0.0000
2023-12-06T14:28:56	1	0	27	26	1	1.0534	1.0533	0.0000	0.9726	0.9725	0.0001
2023-12-06T14:29:49	3	0	9	9	0	1.0487	1.0487	-0.0001	0.9972	0.9972	0.0000
2023-12-06T14:32:40	3	0	56	56	0	1.0547	1.0546	0.0000	0.9819	0.9819	0.0000
2023-12-06T14:33:44	1	0	1	1	0	0.9445	1.0321	0.0876	0.989	0.9888	0.0002
2023-12-06T14:34:02	3	0	6	6	0	0.9581	0.9579	-0.0002	-0.9981	-0.9983	0.0002
2023-12-06T14:34:18	6	0	8	8	0	1.0359	1.0354	-0.0005	0.9955	0.9954	0.0001
2023-12-06T14:35:21	2	0	36	36	0	1.0566	1.0565	-0.0001	0.991	0.9909	0.0001
2023-12-06T14:35:44	4	0	12	12	0	1.0447	1.0446	-0.0001	-1	-1	0.0000
2023-12-06T14:35:49	1	0	37	37	0	1.0481	1.0480	0.0000	-0.9936	-0.9935	-0.0001
2023-12-06T14:37:10	1	0	1	1	0	0.9346	0.9356	0.0010	-0.9991	-0.999	-0.0001
2023-12-06T14:37:50	1	0	13	13	0	1.0479	1.0477	-0.0002	0.9998	0.9998	0.0000
2023-12-06T14:38:28	1	0	165	164	1	1.0569	1.0569	0.0000	-0.9832	-0.9832	0.0000
2023-12-06T14:40:03	1	0	3	3	0	1.0503	1.0502	0.0000	0.9996	0.9996	0.0000
2023-12-06T14:42:05	1	0	29	27	2	1.0550	1.0548	-0.0002	-0.9992	-0.9992	0.0000
2023-12-06T14:43:26	1	0	17	17	0	1.0483	1.0481	-0.0001	0.9935	0.9934	0.0001
2023-12-06T14:43:57	2	0	27	27	0	1.0514	1.0514	-0.0001	0.9728	0.9684	0.0044
2023-12-06T14:44:03	1	0	1	1	0	1.0374	1.0358	-0.0016	0.9975	0.9974	0.0001
2023-12-06T14:44:50	2	0	9	9	0	1.0497	1.0497	0.0000	0.9973	0.9973	0.0000
2023-12-06T14:44:51	1	0	63	63	0	1.0486	1.0486	0.0000	-0.9959	-0.9959	0.0000
2023-12-06T14:44:55	1	0	1	1	0	1.0356	1.0351	-0.0005	0.9832	0.9831	0.0001
2023-12-06T14:46:06	1	0	3	3	0	1.0053	1.0054	0.0001	0.9551	0.9304	0.0247
2023-12-06T14:47:15	1	0	59	58	1	1.0525	1.0524	-0.0001	-0.9822	-0.9822	0.0000
2023-12-06T14:49:03	5	0	10	10	0	1.0489	1.0484	-0.0004	-0.9952	-0.9953	0.0001
2023-12-06T14:50:22	1	0	51	51	0	1.0564	1.0564	0.0000	0.9885	0.9885	0.0000
2023-12-06T14:53:29	2	0	165	164	1	1.0579	1.0579	0.0000	-0.9819	-0.9818	-0.0001
2023-12-06T14:54:44	1	0	5	5	0	1.0462	1.0460	-0.0001	0.9906	0.9903	0.0003
2023-12-06T15:00:11	1	0	1	1	0	1.0085	1.0080	-0.0005	0.984	0.984	0.0000
2023-12-06T15:00:34	7	0	18	16	2	1.0466	1.0470	0.0004	-0.9713	-0.9717	0.0004
2023-12-06T15:01:07	3	0	1	2	-1	1.0219	1.0284	0.0065	0.9103	0.9078	0.0025
2023-12-06T15:01:23	1	0	5	5	0	1.0328	1.0327	-0.0001	0.9974	0.9973	0.0001
2023-12-06T15:04:27	2	0	1	1	0	0.9431	0.9438	0.0007	0.9717	0.9717	0.0000
2023-12-06T15:04:39	1	0	24	23	1	1.0538	1.0537	-0.0001	-0.9995	-0.9995	0.0000
2023-12-06T15:05:36	1	0	2	2	0	1.0329	1.0328	-0.0001	-0.984	-0.984	0.0000
2023-12-06T15:06:51	2	0	3	3	0	1.0395	1.0393	-0.0002	1	1	0.0000
2023-12-06T15:07:52	4	0	166	157	9	0.9210	0.9247	0.0037	0.9353	0.9383	-0.0030
2023-12-06T15:12:10	1	0	3	3	0	1.0498	1.0496	-0.0002	1	1	0.0000
2023-12-06T15:14:25	2	0	6	6	0	0.9630	0.9643	0.0013	-0.9971	-0.9967	-0.0004
2023-12-06T15:15:36	3	0	5	5	0	0.9427	0.9423	-0.0003	0.9959	0.9958	0.0001
2023-12-06T15:17:13	1	0	1	1	0	1.0380	1.0376	-0.0004	0.998	0.9979	0.0001
2023-12-06T15:20:34	2	0	797	797	0	1.0775	1.0775	0.0000	0.9999	0.9999	0.0000
2023-12-06T15:25:13	1	0	16	16	0	0.9745	0.9745	0.0000	0.9963	0.997	-0.0007
2023-12-06T15:26:01	2	0	1	1	0	1.0051	1.0035	-0.0016	-0.9999	-0.9999	0.0000
2023-12-06T15:40:14	1	0	15	15	0	0.9746	0.9746	0.0000	0.9957	0.9965	-0.0008
2023-12-06T15:40:54	1	0	1	1	0	0.9681	0.9685	0.0004	0.9853	0.9854	-0.0001
2023-12-06T15:47:15	1	0	2	2	0	1.0397	1.0394	-0.0002	0.9975	0.9974	0.0001
2023-12-06T15:48:49	2	0	7	7	0	0.9551	0.9559	0.0008	0.9879	0.988	-0.0001
2023-12-06T16:01:47	1	0	1	1	0	0.9942	0.9944	0.0002	-0.9814	-0.9831	0.0017
2023-12-06T16:02:34	2	0	58	57	1	1.0539	1.0539	0.0000	0.9999	0.9999	0.0000
2023-12-06T16:03:50	1	0	41	9	32	0.9482	0.9518	0.0035	0.9886	0.9889	-0.0003
2023-12-06T16:05:31	9	0	4	2	2	0.9428	0.9436	0.0008	-0.9999	-0.9998	-0.0001
2023-12-06T16:07:23	1	0	237	236	1	0.8928	0.8928	0.0000	0.9491	0.949	0.0001
2023-12-06T16:18:51	1	0	15	12	3	0.9545	0.9548	0.0004	0.9888	0.989	-0.0002
2023-12-06T16:49:11	2	0	1	1	0	0.9577	0.9582	0.0005	0.989	0.9891	-0.0001
2023-12-06T18:26:14	1	0	3	3	0	0.9444	0.9444	0.0000	0.9992	0.9992	0.0000
2023-12-07T07:50:16	2	0	22	21	1	0.9697	0.9709	0.0013	-0.9601	-0.9592	-0.0009
2023-12-07T07:51:50	2	0	212	212	0	0.8968	0.8969	0.0001	0.9497	0.9496	0.0001
2023-12-07T07:56:04	2	0	274	273	1	0.9282	0.9283	0.0001	0.9967	0.9967	0.0000
2023-12-07T08:06:40	2	0	18	18	0	0.9297	0.9300	0.0003	0.999	0.999	0.0000
2023-12-07T08:09:32	2	0	8	8	0	0.9561	0.9563	0.0002	0.9987	0.9987	0.0000
2023-12-07T08:18:16	1	0	58	53	5	0.9391	0.9393	0.0001	0.987	0.9869	0.0001
2023-12-07T08:25:36	1	0	95	95	0	0.9333	0.9334	0.0001	-0.9949	-0.9946	-0.0003
2023-12-07T08:29:20	1	0	7	7	0	1.0479	1.0479	0.0000	0.9989	0.999	-0.0001
2023-12-07T08:32:11	2	0	792	792	0	1.0794	1.0794	0.0000	0.9984	0.9984	0.0000
2023-12-07T08:35:13	1	0	7	6	1	0.9454	0.9459	0.0004	0.9891	0.9891	0.0000
2023-12-07T08:36:46	1	0	3	3	0	0.9401	0.9405	0.0003	-0.9979	-0.9978	-0.0001
2023-12-07T08:48:18	1	0	96	96	0	0.9386	0.9386	0.0000	0.9874	0.9877	-0.0003
2023-12-07T08:54:35	1	0	57	57	0	0.9173	0.9173	0.0000	0.9929	0.9941	-0.0012
2023-12-07T08:58:40	1	0	1	1	0	1.0253	1.0250	-0.0003	-0.9996	-0.9996	0.0000
2023-12-07T09:06:44	2	0	11	10	1	0.9416	0.9417	0.0002	0.9991	0.9991	0.0000
2023-12-07T09:06:48	1	0	1	1	0	0.9403	0.9408	0.0005	-0.9974	-0.9953	-0.0021

2023-12-07T09:06:55	1	0	151	151	0	0.9077	0.9080	0.0003	0.9609	0.9609	0.0000
2023-12-07T09:09:36	1	0	29	29	0	0.9317	0.9317	0.0000	0.996	0.9966	-0.0006
2023-12-07T09:11:09	1	0	90	89	1	0.9342	0.9342	0.0001	0.9958	0.9958	0.0000
2023-12-07T09:14:23	1	0	11	11	0	1.0496	1.0495	0.0000	0.9996	0.9995	0.0001
2023-12-07T09:17:14	3	0	795	795	0	1.0809	1.0809	0.0000	0.9993	0.9993	0.0000
2023-12-07T09:20:16	1	0	4	3	1	0.9471	0.9486	0.0015	0.9874	0.9874	0.0000
2023-12-07T09:20:20	1	0	18	18	0	1.0488	1.0486	-0.0001	0.9745	0.9744	0.0001
2023-12-07T09:20:22	2	0	23	22	1	0.9486	0.9490	0.0004	-0.9876	-0.9874	-0.0002
2023-12-07T09:24:20	2	0	3	3	0	1.0502	1.0499	-0.0003	0.9948	0.9947	0.0001
2023-12-07T09:29:47	1	0	1	1	0	0.9429	0.9435	0.0006	0.9903	0.9904	-0.0001
2023-12-07T09:31:01	1	0	3	3	0	1.0268	1.0267	-0.0001	-0.9997	-0.9997	0.0000
2023-12-07T09:33:40	1	0	53	53	0	0.9346	0.9348	0.0003	-0.9982	-0.9982	0.0000
2023-12-07T09:35:17	1	0	2	1	1	0.9520	0.9596	0.0076	0.9864	0.9865	-0.0001
2023-12-07T09:35:26	12	0	15	13	2	1.0418	1.0463	0.0045	0.9992	0.9989	0.0003
2023-12-07T09:35:45	2	0	1	1	0	0.9416	0.9420	0.0004	0.9912	0.9913	-0.0001
2023-12-07T09:40:41	1	0	38	35	3	0.9430	0.9432	0.0002	-0.9885	-0.9861	-0.0024
2023-12-07T09:45:43	2	0	1	1	0	0.9732	0.9737	0.0005	0.9979	0.9979	0.0000
2023-12-07T09:47:03	1	0	6	6	0	1.0332	1.0331	-0.0001	0.9975	0.9974	0.0001
2023-12-07T09:48:32	3	0	5	5	0	0.9511	0.9521	0.0010	0.9604	0.9608	-0.0004
2023-12-07T09:48:41	1	0	64	64	0	0.9268	0.9269	0.0002	-0.9974	-0.9974	0.0000
2023-12-07T09:50:27	1	0	10	10	0	1.0458	1.0456	-0.0002	0.9993	0.9993	0.0000
2023-12-07T09:51:47	19	0	9	7	2	0.9568	0.9631	0.0063	0.9976	0.9977	-0.0001
2023-12-07T09:51:58	2	0	214	213	1	0.9120	0.9121	0.0001	0.959	0.9591	-0.0001
2023-12-07T09:52:49	2	0	2	2	0	0.9830	0.9834	0.0004	0.9849	0.9848	0.0001
2023-12-07T09:54:39	1	0	31	31	0	0.9301	0.9301	0.0000	0.9958	0.9958	0.0000
2023-12-07T09:56:40	1	0	14	14	0	0.9356	0.9356	0.0001	0.9958	0.9956	0.0002
2023-12-07T09:58:44	2	0	2	2	0	1.0243	1.0227	-0.0017	-0.9998	-0.9998	0.0000
2023-12-07T10:00:17	1	0	102	100	2	1.1381	1.1440	0.0059	-0.9759	-0.9758	-0.0001
2023-12-07T10:00:27	2	0	1	1	0	0.9434	0.9439	0.0005	0.9901	0.9902	-0.0001
2023-12-07T10:01:25	1	0	2	2	0	1.0092	1.0094	0.0002	-0.9864	-0.9863	-0.0001
2023-12-07T10:02:13	5	0	4	4	0	1.0419	1.0410	-0.0009	0.9994	0.9994	0.0000
2023-12-07T10:02:21	1	0	1	1	0	1.0417	1.0415	-0.0002	0.9814	0.9813	0.0001
2023-12-07T10:03:23	1	0	12	12	0	0.9422	0.9425	0.0003	0.9887	0.9886	0.0001
2023-12-07T10:03:33	1	0	1	1	0	0.9369	0.9373	0.0004	0.9668	0.9669	-0.0001
2023-12-07T10:03:42	3	0	23	20	3	0.9393	0.9393	0.0000	0.9958	0.9958	0.0000
2023-12-07T10:05:17	1	0	2	2	0	1.0270	1.0267	-0.0003	-0.9991	-0.9991	0.0000
2023-12-07T10:05:24	1	0	24	24	0	1.0508	1.0507	-0.0002	0.9745	0.9744	0.0001
2023-12-07T10:05:28	3	0	21	21	0	1.0544	1.0541	-0.0003	0.9997	0.9997	0.0000
2023-12-07T10:08:24	5	0	95	93	2	0.9165	0.9176	0.0011	0.9933	0.9935	-0.0002
2023-12-07T10:09:18	1	0	1	1	0	0.9888	0.9891	0.0003	0.9828	0.9828	0.0000
2023-12-07T10:09:23	1	0	51	51	0	0.9910	0.9910	0.0000	0.97	0.9699	0.0001
2023-12-07T10:09:45	3	0	4	3	1	1.0581	1.0562	-0.0019	-0.9985	-0.9985	0.0000
2023-12-07T10:10:56	1	0	12	10	2	0.9491	0.9504	0.0012	0.9881	0.9882	-0.0001
2023-12-07T10:14:06	2	0	3	2	1	0.9436	0.9444	0.0009	-0.9813	-0.9809	-0.0004
2023-12-07T10:15:18	2	0	100	98	2	1.1436	1.1506	0.0070	-0.9763	-0.9762	-0.0001
2023-12-07T10:16:04	1	0	5	5	0	1.0355	1.0355	-0.0001	-0.9996	-0.9996	0.0000
2023-12-07T10:16:15	2	0	1	1	0	1.0537	1.0529	-0.0008	1	1	0.0000
2023-12-07T10:17:14	2	0	11	11	0	1.0456	1.0453	-0.0003	0.9992	0.9991	0.0001
2023-12-07T10:17:22	2	0	2	2	0	0.9682	0.9677	-0.0006	0.9819	0.9818	0.0001
2023-12-07T10:19:52	2	0	20	19	1	1.0493	1.0494	0.0001	-0.9995	-0.9996	0.0001
2023-12-07T10:20:26	1	0	2	2	0	0.9391	0.9391	0.0000	-0.9833	-0.9832	-0.0001
2023-12-07T10:20:29	2	0	21	21	0	1.0497	1.0496	0.0000	0.9997	0.9997	0.0000
2023-12-07T10:21:32	1	0	9	9	0	0.9717	0.9716	-0.0001	-1	1	0.0000
2023-12-07T10:23:15	1	0	98	96	2	1.0539	1.0539	0.0000	-0.9859	-0.9858	-0.0001
2023-12-07T10:24:24	3	0	141	141	0	0.9863	0.9863	-0.0001	0.97	0.9697	0.0003
2023-12-07T10:24:41	2	0	14	14	0	0.9545	0.9544	-0.0001	0.9959	0.9959	0.0000
2023-12-07T10:27:04	1	0	1	1	0	0.9439	0.9442	0.0003	-0.9999	-0.9999	0.0000
2023-12-07T10:28:45	1	0	108	108	0	0.9364	0.9364	0.0000	0.9912	0.9912	0.0000
2023-12-07T10:29:07	1	0	1	1	0	1.0605	1.0601	-0.0004	-0.9739	-0.974	0.0001
2023-12-07T10:29:28	4	0	17	15	2	1.0505	1.0496	-0.0009	0.9992	0.9994	-0.0002
2023-12-07T10:29:38	1	0	1	0	1	1.0343	null	null	0.9974	0.9974	0.0000
2023-12-07T10:30:19	1	0	105	103	2	1.1306	1.1359	0.0053	-0.977	-0.9769	-0.0001
2023-12-07T10:30:48	6	0	5	5	0	1.0219	1.0215	-0.0004	0.9925	0.9928	-0.0003
2023-12-07T10:31:05	1	0	11	10	1	1.0426	1.0436	0.0010	-0.9993	-0.9993	0.0000
2023-12-07T10:31:32	1	0	2	2	0	1.0248	1.0247	-0.0002	0.9958	0.9958	0.0000
2023-12-07T10:33:35	1	0	2	2	0	0.9561	0.9562	0.0001	0.9656	0.9654	0.0002
2023-12-07T10:33:48	1	0	1	1	0	1.0122	1.0119	-0.0003	0.9929	0.9928	0.0001
2023-12-07T10:34:02	1	0	2	2	0	1.0279	1.0276	-0.0003	0.9965	0.9964	0.0001
2023-12-07T10:34:49	4	0	2	1	1	1.0458	1.0453	-0.0005	0.9765	0.9761	0.0004
2023-12-07T10:35:06	1	0	4	4	0	1.0426	1.0425	-0.0001	0.9901	0.9901	0.0000
2023-12-07T10:38:13	5	0	6	6	0	1.0285	1.0282	-0.0004	0.9991	0.999	0.0001
2023-12-07T10:40:21	1	0	12	12	0	1.0495	1.0494	-0.0001	0.9983	0.9983	0.0000
2023-12-07T10:40:37	1	0	3	3	0	0.9998	0.9999	0.0001	0.9936	0.9937	-0.0001
2023-12-07T10:40:45	3	0	80	80	0	0.9345	0.9352	0.0007	-0.998	-0.9976	-0.0004
2023-12-07T10:41:43	1	0	58	56	2	0.9369	0.9369	0.0000	0.9951	0.9955	-0.0004
2023-12-07T10:43:05	1	0	10	10	0	0.9367	0.9369	0.0002	0.9926	0.9926	0.0000
2023-12-07T10:44:29	1	0	11	11	0	1.0478	1.0478	0.0000	0.9991	0.9991	0.0000
2023-12-07T10:45:49	1	0	3	3	0	1.0238	1.0239	0.0001	0.9929	0.9928	0.0001
2023-12-07T10:46:06	1	0	13	13	0	1.0414	1.0413	-0.0001	-0.9998	-0.9998	0.0000
2023-12-07T10:47:56	1	0	12	12	0	0.9704	0.9706	0.0002	0.9722	0.9695	0.0027
2023-12-07T10:48:56	1	0	8	8	0	1.0288	1.0288	0.0000	-0.9999	-0.9999	0.0000
2023-12-07T10:49:00	1	0	2	2	0	1.0346	1.0344	-0.0002	-0.9984	-0.9984	0.0000
2023-12-07T10:50:07	1	0	5	5	0	1.0395	1.0395	0.0000	0.9892	0.989	0.0002
2023-12-07T10:50:28	2	0	2	1	1	0.9448	0.9449	0.0001	-0.9786	-0.9783	-0.0003
2023-12-07T10:51:34	1	0	5	5	0	1.0051	1.0053	0.0002	-0.9999	-0.9999	0.0000

2023-12-07T10:55:13	2	0	14	11	3	0.9445	0.9451	0.0006	0.9876	0.9877	-0.0001
2023-12-07T10:55:46	1	0	97	96	1	0.9328	0.9330	0.0002	-0.998	-0.9979	-0.0001
2023-12-07T10:56:18	4	0	2	2	0	1.0216	1.0220	0.0004	0.986	0.986	0.0000
2023-12-07T10:56:47	1	0	3	3	0	1.0503	1.0500	-0.0003	0.9999	0.9999	0.0000
2023-12-07T10:57:39	1	0	80	80	0	1.1485	1.1465	-0.0020	-0.989	-0.9891	0.0001
2023-12-07T10:58:43	1	0	5	8	-3	1.0410	1.0424	0.0015	0.9722	0.9684	0.0038
2023-12-07T11:00:36	1	0	18	18	0	1.0480	1.0479	-0.0001	0.986	0.986	0.0000
2023-12-07T11:01:04	1	0	484	481	3	0.9101	0.9101	0.0000	0.9818	0.9818	0.0000
2023-12-07T11:01:29	1	0	3	3	0	1.0369	1.0368	0.0000	-0.9848	-0.9849	0.0001
2023-12-07T11:02:17	3	0	32	30	2	1.0502	1.0500	-0.0002	0.9994	0.9993	0.0001
2023-12-07T11:02:30	1	0	1	0	1	1.0554	null	null	0.98	0.98	0.0000
2023-12-07T11:03:37	1	0	1	1	0	1.0608	1.0604	-0.0004	0.9695	0.9694	0.0001
2023-12-07T11:04:05	4	0	6	6	0	1.0308	1.0305	-0.0003	0.9969	0.9969	0.0000
2023-12-07T11:05:28	3	0	18	16	2	1.0497	1.0487	-0.0010	0.9707	0.9699	0.0008
2023-12-07T11:05:32	2	0	20	19	1	1.0514	1.0512	-0.0002	0.9994	0.9994	0.0000
2023-12-07T11:08:18	5	0	123	121	2	1.0558	1.0558	0.0000	-0.9858	-0.9858	0.0000
2023-12-07T11:09:44	2	0	5	5	0	0.9979	0.9976	-0.0003	0.9945	0.9944	0.0001
2023-12-07T11:10:50	1	0	1	1	0	1.0333	1.0327	-0.0006	0.9772	0.9771	0.0001
2023-12-07T11:11:45	1	0	42	42	0	0.9391	0.9391	0.0000	0.9952	0.9952	0.0000
2023-12-07T11:13:07	3	0	11	11	0	0.9503	0.9505	0.0001	0.9851	0.9852	-0.0001
2023-12-07T11:15:34	1	0	1	1	0	1.0371	1.0368	-0.0003	0.9969	0.9969	0.0000
2023-12-07T11:15:51	6	0	5	4	1	1.0413	1.0327	-0.0086	0.998	0.9969	0.0011
2023-12-07T11:17:31	1	0	1	0	1	1.0553	null	null	0.9789	0.9789	0.0000
2023-12-07T11:17:58	2	0	16	15	1	0.9784	0.9732	-0.0052	0.9672	0.9701	-0.0029
2023-12-07T11:20:57	2	0	8	8	0	1.0514	1.0513	-0.0002	0.9853	0.9849	0.0004
2023-12-07T11:23:19	1	0	110	107	3	1.0552	1.0551	0.0000	-0.9883	-0.9882	-0.0001
2023-12-07T11:28:45	2	0	16	16	0	1.0464	1.0472	0.0007	0.9743	0.9741	0.0002
2023-12-07T11:29:28	2	0	8	8	0	1.0417	1.0416	-0.0001	-1	-1	0.0000
2023-12-07T11:29:55	1	0	1	1	0	0.9597	0.9597	0.0000	0.9918	0.9917	0.0001
2023-12-07T11:30:52	6	0	41	24	17	1.0542	1.0516	-0.0026	0.9922	0.9936	-0.0014
2023-12-07T11:31:36	1	0	2	2	0	1.0292	1.0292	0.0000	0.9953	0.9952	0.0001
2023-12-07T11:31:48	1	0	104	105	-1	1.0549	1.0549	0.0000	0.9883	0.9883	0.0000
2023-12-07T11:32:30	2	0	39	38	1	1.0507	1.0505	-0.0001	0.9884	0.9884	0.0000
2023-12-07T11:33:29	2	0	3	4	-1	0.9432	0.9434	0.0002	0.9878	0.9879	-0.0001
2023-12-07T11:35:23	1	0	2	2	0	1.0363	1.0363	0.0000	-0.9989	-0.9988	-0.0001
2023-12-07T11:35:37	1	0	23	21	2	1.0469	1.0463	-0.0007	1	1	0.0000
2023-12-07T11:36:54	18	0	4	5	-1	1.0080	0.9981	-0.0100	0.9975	0.9975	0.0000
2023-12-07T11:44:29	1	0	6	6	0	1.0433	1.0433	0.0000	-1	-1	0.0000
2023-12-07T11:44:56	1	0	6	6	0	0.9463	0.9463	0.0001	0.9922	0.9922	0.0000
2023-12-07T11:46:49	1	0	57	57	0	1.0536	1.0536	0.0000	0.9869	0.987	-0.0001
2023-12-07T11:47:28	2	0	1	1	0	0.9018	0.9018	0.0000	0.9805	0.9805	0.0000
2023-12-07T11:50:15	6	0	1	0	1	0.9448	null	null	-0.9987	-0.9986	-0.0001
2023-12-07T11:59:41	1	0	41	41	0	1.0476	1.0475	0.0000	-0.9961	-0.9961	0.0000
2023-12-07T12:02:29	2	0	1	1	0	0.8959	0.8959	0.0000	0.9833	0.9833	0.0000
2023-12-07T12:03:31	2	0	3	7	-4	0.9729	0.9563	-0.0166	0.9884	0.9885	-0.0001
2023-12-07T12:14:58	1	0	31	30	1	0.9434	0.9435	0.0001	0.9898	0.9898	0.0000
2023-12-07T12:15:24	3	0	3	3	0	0.9811	0.9805	-0.0006	0.9972	0.9972	0.0000
2023-12-07T12:17:33	3	0	32	32	0	1.0499	1.0499	0.0000	0.9877	0.9877	0.0000
2023-12-07T12:20:26	1	0	1	1	0	1.0408	1.0408	0.0000	-0.9859	-0.9858	-0.0001
2023-12-07T12:20:34	1	0	7	10	-3	0.9415	0.9424	0.0009	-0.9725	-0.9727	0.0002
2023-12-07T12:40:51	2	0	1	1	0	1.0014	1.0007	-0.0007	-0.9962	-0.9963	0.0001
2023-12-07T12:42:01	1	0	6	6	0	1.0495	1.0488	-0.0007	0.9933	0.9932	0.0001
2023-12-07T12:51:59	17	0	5	7	-2	0.9784	0.9681	-0.0103	0.9992	0.9992	0.0000
2023-12-07T12:57:45	2	0	20	19	1	1.0475	1.0471	-0.0004	-0.9992	-0.9992	0.0000
2023-12-07T13:12:55	3	0	32	30	2	1.0496	1.0492	-0.0004	0.9999	0.9999	0.0000
2023-12-07T13:22:01	12	0	4	4	0	0.9875	0.9910	0.0035	0.9992	0.9995	-0.0003
2023-12-07T13:23:27	1	0	153	151	2	1.0576	1.0575	0.0000	-0.9842	-0.9841	-0.0001
2023-12-07T13:35:31	1	0	15	15	0	0.9443	0.9442	0.0000	-0.9994	-0.9994	0.0000
2023-12-07T13:38:28	1	0	169	168	1	1.0565	1.0564	0.0000	-0.9819	-0.9818	-0.0001
2023-12-07T13:47:39	3	0	49	47	2	1.0518	1.0517	-0.0002	0.9883	0.9882	0.0001
2023-12-07T13:53:29	2	0	176	175	1	1.0584	1.0584	0.0000	-0.9809	-0.9808	-0.0001
2023-12-07T14:02:13	1	0	46	45	1	1.0504	1.0503	-0.0001	-0.9881	-0.9881	0.0000
2023-12-07T14:03:39	1	0	4	4	0	0.9436	0.9437	0.0000	0.9887	0.9889	-0.0002
2023-12-07T14:03:58	2	0	76	74	2	0.9180	0.9186	0.0007	-0.9999	-0.9999	0.0000
2023-12-07T14:04:16	4	0	5	6	-1	1.0347	1.0321	-0.0026	0.9965	0.9965	0.0000
2023-12-07T14:05:07	1	0	17	16	1	0.9382	0.9336	-0.0046	0.9874	0.9873	0.0001
2023-12-07T14:05:07	2	0	2	2	0	0.9890	0.9890	-0.0001	0.8931	0.8936	-0.0005
2023-12-07T14:05:33	1	0	1	1	0	1.0364	1.0362	-0.0002	-0.9963	-0.9963	0.0000
2023-12-07T14:10:32	3	0	33	32	1	1.0525	1.0524	-0.0001	0.9902	0.9902	0.0000
2023-12-07T14:18:10	2	0	35	34	1	0.9577	0.9582	0.0005	0.962	0.9623	-0.0003
2023-12-07T14:18:50	5	0	6	7	-1	0.9632	0.9605	-0.0027	0.97	0.97	0.0000
2023-12-07T14:18:59	3	0	53	53	0	0.9298	0.9299	0.0001	-0.9999	-0.9999	0.0000
2023-12-07T14:19:17	1	0	5	5	0	1.0374	1.0374	0.0000	0.997	0.997	0.0000
2023-12-07T14:20:08	1	0	98	97	1	1.0577	1.0577	0.0000	-0.9944	-0.9946	0.0002
2023-12-07T14:20:08	1	0	18	18	0	0.9367	0.9367	0.0000	0.9866	0.9865	0.0001
2023-12-07T14:20:18	2	0	2	2	0	1.0322	1.0318	-0.0004	0.9979	0.9979	0.0000
2023-12-07T14:20:42	1	0	2	2	0	1.0257	1.0257	0.0000	-0.962	-0.962	0.0000
2023-12-07T14:23:00	1	0	1	1	0	1.0565	1.0561	-0.0004	0.9955	0.9955	0.0000
2023-12-07T14:24:57	5	0	6	6	0	0.9830	0.9829	-0.0002	0.9969	0.9969	0.0000
2023-12-07T14:28:20	2	0	1	1	0	1.0861	1.0861	0.0000	0.9973	0.9973	0.0000
2023-12-07T14:31:05	5	0	1	0	1	1.0136	null	null	0.9074	0.9049	0.0025
2023-12-07T14:31:33	1	0	1	1	0	1.0535	1.0534	-0.0001	-1	-1	0.0000
2023-12-07T14:32:31	2	0	44	42	2	1.0510	1.0509	-0.0001	0.9993	0.9993	0.0000
2023-12-07T14:33:11	1	0	25	25	0	0.9549	0.9550	0.0001	0.9657	0.9658	-0.0001
2023-12-07T14:33:51	2	0	2	2	0	1.0010	1.0009	-0.0002	0.976	0.976	0.0000

2023-12-07T14:34:00	9	0	60	59	1	0.9258	0.9261	0.0002	-0.9994	-0.9995	0.0001
2023-12-07T14:34:18	1	0	5	5	0	1.0356	1.0356	0.0000	0.9967	0.9967	0.0000
2023-12-07T14:35:09	1	0	95	92	3	1.0585	1.0586	0.0001	-0.9951	-0.9952	0.0001
2023-12-07T14:35:09	1	0	17	17	0	0.9382	0.9382	0.0000	0.9875	0.9875	0.0000
2023-12-07T14:38:01	1	0	1	1	0	1.0400	1.0396	-0.0004	0.992	0.9919	0.0001
2023-12-07T14:39:58	1	0	3	3	0	0.9792	0.9791	0.0000	0.9972	0.9972	0.0000
2023-12-07T14:40:31	3	0	13	12	1	1.0604	1.0618	0.0015	0.9937	0.9931	0.0006
2023-12-07T14:43:58	3	0	66	65	1	1.0532	1.0532	0.0000	0.9761	0.976	0.0001
2023-12-07T14:46:06	1	0	52	43	9	1.0599	1.0584	-0.0016	0.9532	0.9959	-0.0427
2023-12-07T14:46:34	1	0	2	2	0	1.0572	1.0572	-0.0001	-1	-1	0.0000
2023-12-07T14:47:04	9	0	3	1	2	1.0470	1.0454	-0.0016	-0.9893	-0.9898	0.0005
2023-12-07T14:50:07	1	0	3	3	0	1.0399	1.0398	-0.0001	0.9856	0.9855	0.0001
2023-12-07T14:50:23	1	0	66	65	1	1.0580	1.0580	0.0000	0.9924	0.9924	0.0000
2023-12-07T14:52:09	11	0	4	4	0	0.9850	0.9853	0.0003	0.9999	0.9999	0.0000
2023-12-07T14:53:33	1	0	146	144	2	1.0564	1.0564	0.0000	-0.9826	-0.9825	-0.0001
2023-12-07T14:54:59	2	0	9	9	0	0.9685	0.9684	0.0000	0.9962	0.9962	0.0000
2023-12-07T14:57:04	1	0	1	1	0	1.0287	1.0283	-0.0004	0.9841	0.9841	0.0000
2023-12-07T15:00:35	3	0	3	3	0	0.9477	0.9469	-0.0008	0.9964	0.9962	0.0002
2023-12-07T15:01:07	3	0	7	7	0	1.0425	1.0433	0.0008	0.9547	0.956	-0.0013
2023-12-07T15:02:05	1	0	7	7	0	1.0457	1.0456	-0.0001	-0.9981	-0.9903	-0.0078
2023-12-07T15:02:13	1	0	1	0	1	1.0413	null	null	0.9975	0.9975	0.0000
2023-12-07T15:05:37	1	0	1	1	0	1.0372	1.0369	-0.0003	-0.9887	-0.9887	0.0000
2023-12-07T15:06:51	2	0	3	3	0	1.0421	1.0418	-0.0002	-0.9997	-0.9997	0.0000
2023-12-07T15:12:23	1	0	41	41	0	1.0475	1.0474	0.0000	-0.9925	-0.9926	0.0001
2023-12-07T15:12:39	4	0	1	1	0	0.9932	0.9945	0.0013	-0.9847	-0.9844	-0.0003
2023-12-07T15:14:57	1	0	1	1	0	1.0381	1.0377	-0.0004	0.9942	0.9942	0.0000
2023-12-07T15:17:14	1	0	1	0	1	1.0395	null	null	0.9972	0.9972	0.0000
2023-12-07T15:19:05	4	0	7	7	0	0.9996	0.9994	-0.0003	-0.9983	-0.9983	0.0000
2023-12-07T15:25:02	2	0	15	15	0	0.9866	0.9865	-0.0001	0.9986	0.9986	0.0000
2023-12-07T15:25:31	2	0	1	1	0	1.0298	1.0279	-0.0019	0.9898	0.9896	0.0002
2023-12-07T15:32:43	1	0	2	2	0	0.9667	0.9665	-0.0002	0.9782	0.9781	0.0001
2023-12-07T15:33:55	2	0	2	2	0	0.9553	0.9553	0.0000	0.9614	0.9615	-0.0001
2023-12-07T15:35:30	8	0	2	1	1	0.9424	0.9437	0.0013	-0.9986	-0.9982	-0.0004
2023-12-07T15:41:04	1	0	1	1	0	1.0014	1.0008	-0.0006	0.9993	0.9993	0.0000
2023-12-07T15:41:12	1	0	1	1	0	1.0374	1.0370	-0.0004	0.9677	0.9676	0.0001
2023-12-07T15:47:16	2	0	2	3	-1	1.0392	1.0381	-0.0011	0.9983	0.9982	0.0001
2023-12-07T15:49:29	1	0	13	7	6	0.9437	0.9435	-0.0002	0.9714	0.9715	-0.0001
2023-12-07T16:20:58	2	0	57	57	0	1.0501	1.0500	0.0000	-0.9986	-0.9986	0.0000
2023-12-07T17:34:36	1	0	51	51	0	0.9395	0.9395	0.0000	0.9724	0.9722	0.0002
2023-12-07T17:40:11	1	0	33	31	2	0.9399	0.9404	0.0005	0.994	0.9937	0.0003
2023-12-07T18:04:38	1	0	61	61	0	0.9375	0.9375	0.0001	0.973	0.9729	0.0001
2023-12-08T07:50:20	2	0	104	100	4	0.9476	0.9477	0.0001	-0.9539	-0.9525	-0.0014
2023-12-08T07:51:52	2	0	172	172	0	0.9122	0.9123	0.0001	0.9753	0.9753	0.0000
2023-12-08T08:00:11	1	0	36	36	0	1.0544	1.0544	0.0000	-0.9718	-0.9711	-0.0007
2023-12-08T08:09:43	1	0	65	65	0	0.9486	0.9488	0.0002	0.9952	0.9953	-0.0001
2023-12-08T08:10:38	1	0	100	100	0	0.9318	0.9318	0.0001	-0.9977	-0.9974	-0.0003
2023-12-08T08:11:07	2	0	10	10	0	0.9635	0.9636	0.0001	0.9996	0.9996	0.0000
2023-12-08T08:20:22	1	0	49	47	2	0.9463	0.9464	0.0001	-0.9978	-0.9978	0.0000
2023-12-08T08:29:24	1	0	12	12	0	1.0491	1.0491	0.0000	0.9988	0.9989	-0.0001
2023-12-08T08:32:14	2	0	795	795	0	1.0823	1.0823	0.0000	0.9995	0.9995	0.0000
2023-12-08T08:33:20	1	0	68	67	1	0.9390	0.9395	0.0004	0.9873	0.9876	-0.0003
2023-12-08T08:36:47	1	0	1	1	0	0.9424	0.9426	0.0002	-0.9911	-0.9904	-0.0007
2023-12-08T08:40:07	2	0	73	71	2	0.9248	0.9248	0.0000	0.9866	0.9866	0.0000
2023-12-08T08:41:09	2	0	37	37	0	0.9503	0.9504	0.0001	0.9989	0.9989	0.0000
2023-12-08T08:45:40	2	0	77	75	2	0.9411	0.9412	0.0001	0.9927	0.9926	0.0001
2023-12-08T08:50:16	1	0	26	21	5	0.9435	0.9439	0.0004	0.983	0.983	0.0000
2023-12-08T08:58:43	1	0	1	1	0	1.0298	1.0294	-0.0004	-0.9999	-0.9999	0.0000
2023-12-08T09:00:15	1	0	36	36	0	1.0555	1.0555	0.0000	-0.9678	-0.9671	-0.0007
2023-12-08T09:05:17	1	0	2	2	0	0.9514	0.9518	0.0005	0.9869	0.9868	0.0001
2023-12-08T09:06:16	1	0	4	4	0	1.0404	1.0404	0.0000	0.9936	0.9938	-0.0002
2023-12-08T09:06:57	1	0	132	130	2	0.9313	0.9315	0.0002	0.9743	0.9743	0.0000
2023-12-08T09:10:15	3	0	19	18	1	1.0523	1.0526	0.0003	0.9991	0.9991	0.0000
2023-12-08T09:11:45	2	0	28	27	1	1.0532	1.0531	-0.0001	0.9997	0.9997	0.0000
2023-12-08T09:14:27	1	0	11	12	-1	1.0494	1.0489	-0.0006	0.999	0.9994	-0.0004
2023-12-08T09:17:17	3	0	795	795	0	1.0840	1.0840	0.0000	0.9993	0.9993	0.0000
2023-12-08T09:17:19	2	0	3	3	0	1.0384	1.0381	-0.0003	0.9815	0.9815	0.0000
2023-12-08T09:18:34	1	0	2	2	0	1.0209	1.0204	-0.0005	0.9887	0.9887	0.0000
2023-12-08T09:20:21	1	0	19	19	0	1.0475	1.0474	-0.0001	0.9718	0.9717	0.0001
2023-12-08T09:20:26	1	0	21	19	2	0.9643	0.9658	0.0014	-0.9974	-0.9974	0.0000
2023-12-08T09:24:23	2	0	5	5	0	1.0499	1.0496	-0.0003	0.999	0.9989	0.0001
2023-12-08T09:24:48	4	0	23	23	0	0.9922	0.9876	-0.0046	0.9969	0.9969	0.0000
2023-12-08T09:28:45	2	0	2	2	0	1.0274	1.0263	-0.0011	-0.9999	-0.9999	0.0000
2023-12-08T09:30:17	2	0	43	42	1	1.0565	1.0564	-0.0001	-1	-1	0.0000
2023-12-08T09:31:05	1	0	8	8	0	1.0424	1.0424	0.0000	-0.9965	-0.9965	0.0000
2023-12-08T09:33:24	1	0	7	7	0	0.9560	0.9564	0.0004	0.9886	0.9889	-0.0003
2023-12-08T09:34:36	1	0	16	16	0	1.0383	1.0383	0.0000	0.9997	0.9997	0.0000
2023-12-08T09:35:27	3	0	14	13	1	1.0504	1.0499	-0.0004	0.9998	0.9997	0.0001
2023-12-08T09:37:47	1	0	7	7	0	0.9946	0.9946	0.0001	0.9826	0.9826	0.0000
2023-12-08T09:46:05	5	0	12	12	0	1.0405	1.0403	-0.0001	-0.9974	-0.9975	0.0001
2023-12-08T09:48:44	2	0	1	1	0	0.9425	0.9432	0.0007	0.9974	0.9974	0.0000
2023-12-08T09:50:23	1	0	22	21	1	1.0506	1.0503	-0.0003	0.9765	0.9764	0.0001
2023-12-08T09:50:28	2	0	18	18	0	1.0518	1.0511	-0.0007	0.9999	0.9999	0.0000
2023-12-08T09:55:41	2	0	1	1	0	1.0041	1.0029	-0.0012	-1	1	0.0000
2023-12-08T09:59:06	1	0	2	2	0	1.0404	1.0402	-0.0002	-0.9973	-0.9974	0.0001
2023-12-08T09:59:51	1	0	1	1	0	0.9417	0.9425	0.0008	0.9771	0.9771	0.0000

2023-12-08T10:00:48	1	0	5	5	0	1.0493	1.0489	-0.0004	0.9114	0.9863	-0.0749
2023-12-08T10:02:15	4	0	11	11	0	1.0447	1.0444	-0.0003	0.9994	0.9993	0.0001
2023-12-08T10:02:22	1	0	1	1	0	1.0388	1.0385	-0.0003	0.9861	0.9861	0.0000
2023-12-08T10:03:45	6	0	25	18	7	0.9566	0.9570	0.0004	-0.9981	-0.9981	0.0000
2023-12-08T10:05:32	1	0	41	40	1	1.0520	1.0520	0.0000	-0.9923	-0.9923	0.0000
2023-12-08T10:05:45	1	0	2	2	0	1.0371	1.0367	-0.0003	-0.9987	-0.9986	-0.0001
2023-12-08T10:06:31	1	0	5	5	0	0.9834	0.9832	-0.0002	0.9992	0.9991	0.0001
2023-12-08T10:07:01	2	0	165	164	1	0.9154	0.9154	0.0000	0.9666	0.9667	-0.0001
2023-12-08T10:07:49	1	0	3	3	0	1.0316	1.0314	-0.0002	0.9855	0.9854	0.0001
2023-12-08T10:08:13	2	0	147	144	3	1.0567	1.0566	0.0000	-0.9818	-0.9817	-0.0001
2023-12-08T10:09:55	2	0	5	3	2	1.0557	1.0531	-0.0026	-0.9979	-0.998	0.0001
2023-12-08T10:10:13	2	0	3	3	0	0.8875	0.8877	0.0001	0.9774	0.9777	-0.0003
2023-12-08T10:10:46	2	0	2	0	2	0.9448	null	null	-0.9837	-0.9834	-0.0003
2023-12-08T10:10:48	1	0	2	2	0	1.0309	1.0307	-0.0002	0.9757	0.9756	0.0001
2023-12-08T10:11:11	3	0	12	10	2	0.9511	0.9520	0.0009	0.9851	0.9852	-0.0001
2023-12-08T10:14:22	2	0	10	10	0	1.0462	1.0461	-0.0001	-0.9985	-0.9985	0.0000
2023-12-08T10:14:31	4	0	18	17	1	1.0496	1.0490	-0.0006	1	1	0.0000
2023-12-08T10:15:20	6	0	2	2	0	1.0084	1.0066	-0.0018	0.999	0.9989	0.0001
2023-12-08T10:16:07	1	0	7	7	0	1.0390	1.0390	-0.0001	-1	-1	0.0000
2023-12-08T10:16:08	2	0	1	1	0	1.0503	1.0495	-0.0008	0.9904	0.9901	0.0003
2023-12-08T10:16:24	1	0	2	2	0	1.0263	1.0262	-0.0002	-0.9866	-0.9865	-0.0001
2023-12-08T10:17:16	1	0	29	28	1	1.0473	1.0472	-0.0001	0.9993	0.9993	0.0000
2023-12-08T10:17:23	1	0	4	3	1	1.0045	1.0273	0.0228	0.9869	0.987	-0.0001
2023-12-08T10:17:26	4	0	37	36	1	1.0524	1.0523	-0.0001	0.9841	0.984	0.0001
2023-12-08T10:18:20	2	0	1	1	0	0.9775	0.9781	0.0006	0.9967	0.9971	-0.0004
2023-12-08T10:19:02	2	0	8	8	0	1.0318	1.0316	-0.0002	0.9967	0.9967	0.0000
2023-12-08T10:19:39	5	0	15	14	1	1.0348	1.0340	-0.0008	0.9998	0.9998	0.0000
2023-12-08T10:19:46	2	0	43	42	1	1.0474	1.0471	-0.0002	0.9904	0.9904	0.0000
2023-12-08T10:19:55	2	0	79	55	24	1.0554	1.0545	-0.0009	-0.9936	-0.9946	0.0010
2023-12-08T10:20:20	1	0	4	4	0	1.0352	1.0350	-0.0002	-0.9982	-0.9982	0.0000
2023-12-08T10:21:32	1	0	4	4	0	0.9945	0.9946	0.0001	0.9993	0.9993	0.0000
2023-12-08T10:24:52	1	0	9	9	0	0.9895	0.9894	-0.0001	0.9965	0.9965	0.0000
2023-12-08T10:25:47	2	0	1	0	1	1.0260	null	null	-0.9799	-0.976	-0.0039
2023-12-08T10:28:49	1	0	19	19	0	0.9586	0.9586	0.0000	0.9927	0.9927	0.0000
2023-12-08T10:30:21	2	0	4	4	0	0.9894	0.9891	-0.0004	0.9971	0.997	0.0001
2023-12-08T10:30:50	7	0	8	8	0	1.0379	1.0373	-0.0006	0.9554	0.957	-0.0016
2023-12-08T10:31:25	1	0	11	11	0	1.0417	1.0417	0.0000	-0.9892	-0.989	-0.0002
2023-12-08T10:31:34	4	0	11	10	1	1.0376	1.0388	0.0012	0.9984	0.9984	0.0000
2023-12-08T10:32:27	4	0	37	37	0	1.0514	1.0514	0.0000	0.9846	0.9845	0.0001
2023-12-08T10:33:47	7	0	8	7	1	1.0062	1.0002	-0.0060	-0.9974	-0.9976	0.0002
2023-12-08T10:33:51	1	0	1	1	0	1.0193	1.0190	-0.0003	0.9786	0.9784	0.0002
2023-12-08T10:34:03	4	0	10	10	0	1.0310	1.0307	-0.0003	0.9941	0.994	0.0001
2023-12-08T10:35:04	2	0	2	2	0	1.0375	1.0359	-0.0016	0.9972	0.9978	-0.0006
2023-12-08T10:35:21	1	0	2	2	0	1.0294	1.0292	-0.0003	-0.9985	-0.9986	0.0001
2023-12-08T10:35:31	1	0	204	201	3	0.9376	0.9377	0.0001	0.9894	0.9895	-0.0001
2023-12-08T10:38:15	4	0	187	185	2	1.0588	1.0588	0.0000	-0.9794	-0.9794	0.0000
2023-12-08T10:39:07	1	0	251	251	0	0.8023	0.8023	0.0000	0.8933	0.8949	-0.0016
2023-12-08T10:40:23	1	0	8	8	0	1.0485	1.0484	-0.0002	0.9972	0.9971	0.0001
2023-12-08T10:41:13	1	0	2	2	0	1.0494	1.0491	-0.0003	0.9931	0.993	0.0001
2023-12-08T10:43:06	1	0	2	2	0	1.0734	1.0734	-0.0001	-0.9923	-0.9924	0.0001
2023-12-08T10:46:35	1	0	7	7	0	1.0371	1.0370	-0.0001	0.9953	0.9953	0.0000
2023-12-08T10:47:00	1	0	47	46	1	1.0491	1.0489	-0.0001	-0.983	-0.983	0.0000
2023-12-08T10:47:18	3	0	41	39	2	1.0505	1.0503	-0.0002	0.9997	0.9997	0.0000
2023-12-08T10:47:28	5	0	41	40	1	1.0517	1.0515	-0.0001	0.9837	0.9837	0.0000
2023-12-08T10:48:58	1	0	5	5	0	1.0415	1.0414	-0.0001	-0.9979	-0.9979	0.0000
2023-12-08T10:50:09	2	0	4	4	0	1.0453	1.0452	-0.0002	0.9957	0.9955	0.0002
2023-12-08T10:50:22	1	0	5	5	0	1.0290	1.0289	-0.0001	-0.9967	-0.9967	0.0000
2023-12-08T10:50:27	3	0	22	21	1	1.0493	1.0489	-0.0004	0.973	0.9723	0.0007
2023-12-08T10:50:32	11	0	32	28	4	1.0522	1.0519	-0.0003	1	1	0.0000
2023-12-08T10:51:00	2	0	4	4	0	1.0515	1.0513	-0.0002	-0.9974	-0.9976	0.0002
2023-12-08T10:52:21	2	0	33	33	0	1.0478	1.0476	-0.0001	-0.9655	-0.9656	0.0001
2023-12-08T10:53:19	2	0	215	212	3	1.0597	1.0597	0.0000	-0.9785	-0.9784	-0.0001
2023-12-08T10:56:49	1	0	1	1	0	1.0577	1.0567	-0.0010	0.9964	0.9963	0.0001
2023-12-08T10:56:52	2	0	32	31	1	1.0547	1.0544	-0.0002	1	1	0.0000
2023-12-08T10:58:07	1	0	4	4	0	1.0534	1.0533	-0.0001	-0.9993	-0.9993	0.0000
2023-12-08T10:58:46	1	0	7	7	0	1.0436	1.0435	-0.0001	0.973	0.9729	0.0001
2023-12-08T10:59:34	1	0	25	25	0	1.0512	1.0512	0.0000	0.9995	0.9995	0.0000
2023-12-08T11:00:23	1	0	156	156	0	1.1238	1.1238	0.0000	-0.9666	-0.9669	0.0003
2023-12-08T11:01:33	2	0	10	10	0	1.0449	1.0445	-0.0004	0.9966	0.9965	0.0001
2023-12-08T11:01:49	4	0	2	0	2	1.0460	null	null	-0.9872	-0.9874	0.0002
2023-12-08T11:02:00	1	0	1	0	1	1.0404	null	null	-0.9993	-0.9994	0.0001
2023-12-08T11:02:19	2	0	43	42	1	1.0516	1.0515	-0.0001	0.9995	0.9995	0.0000
2023-12-08T11:02:33	1	0	1	1	0	1.0568	1.0557	-0.0011	0.964	0.9638	0.0002
2023-12-08T11:03:49	2	0	15	15	0	1.0428	1.0407	-0.0021	-0.9953	-0.9954	0.0001
2023-12-08T11:04:05	1	0	11	11	0	1.0387	1.0386	-0.0001	0.9966	0.9965	0.0001
2023-12-08T11:05:33	3	0	57	56	1	1.0552	1.0551	-0.0001	-0.9999	-0.9999	0.0000
2023-12-08T11:06:46	2	0	12	12	0	1.0517	1.0516	-0.0002	-0.9986	-0.9987	0.0001
2023-12-08T11:07:49	1	0	1	1	0	1.0564	1.0559	-0.0005	0.9895	0.9894	0.0001
2023-12-08T11:08:20	3	0	222	221	1	1.0603	1.0603	-0.0001	-0.9808	-0.9808	0.0000
2023-12-08T11:11:48	2	0	1	1	0	1.0581	1.0573	-0.0008	0.9922	0.9916	0.0006
2023-12-08T11:12:02	1	0	23	23	0	1.0478	1.0477	0.0000	-0.9984	-0.9984	0.0000
2023-12-08T11:12:49	2	0	44	43	1	1.0483	1.0482	-0.0002	0.9992	0.9992	0.0000
2023-12-08T11:15:53	4	0	3	3	0	1.0325	1.0313	-0.0013	0.9553	0.9887	-0.0334
2023-12-08T11:16:50	8	0	3	2	1	1.0465	1.0458	-0.0008	-0.9813	-0.9817	0.0004
2023-12-08T11:17:43	1	0	1	1	0	1.0379	1.0379	0.0000	-0.9999	-0.9999	0.0000

2023-12-08T11:18:41	1	0	28	28	0	1.0523	1.0516	-0.0007	-0.9936	-0.9937	0.0001
2023-12-08T11:18:42	5	0	7	6	1	1.0443	1.0415	-0.0028	0.9659	0.9651	0.0008
2023-12-08T11:18:50	1	0	12	11	1	1.0535	1.0533	-0.0002	0.9979	0.9979	0.0000
2023-12-08T11:19:50	1	0	44	43	1	1.0489	1.0487	-0.0002	0.9896	0.9896	0.0000
2023-12-08T11:22:54	3	0	12	12	0	1.0354	1.0351	-0.0003	0.988	0.9877	0.0003
2023-12-08T11:23:21	2	0	224	221	3	1.0601	1.0601	0.0000	-0.974	-0.974	0.0000
2023-12-08T11:24:56	1	0	8	9	-1	1.0071	1.0087	0.0016	0.9953	0.9946	0.0007
2023-12-08T11:25:03	1	0	62	62	0	1.0485	1.0485	0.0000	-0.9994	-0.9994	0.0000
2023-12-08T11:25:51	3	0	1	1	0	1.0382	1.0323	-0.0059	-0.9752	-0.9764	0.0012
2023-12-08T11:25:54	1	0	1	1	0	1.0378	1.0368	-0.0010	0.9718	0.9637	0.0081
2023-12-08T11:26:17	4	0	4	4	0	1.0462	1.0453	-0.0009	0.9802	0.9797	0.0005
2023-12-08T11:26:52	1	0	2	2	0	1.0331	1.0328	-0.0004	0.9812	0.9811	0.0001
2023-12-08T11:29:27	2	0	52	51	1	1.0508	1.0507	-0.0001	-0.9962	-0.9962	0.0000
2023-12-08T11:30:54	4	0	4	4	0	1.0318	1.0301	-0.0017	0.952	0.9886	-0.0366
2023-12-08T11:31:13	4	0	10	10	0	1.0431	1.0430	-0.0001	-0.9997	-0.9997	0.0000
2023-12-08T11:31:38	5	0	2	2	0	1.0319	1.0319	0.0000	0.9932	0.9932	0.0000
2023-12-08T11:32:29	1	0	3	3	0	1.0062	1.0062	0.0000	0.9802	0.9803	-0.0001
2023-12-08T11:32:44	1	0	1	1	0	1.0365	1.0365	0.0000	-1	-1	0.0000
2023-12-08T11:33:32	1	0	1	1	0	1.0359	1.0359	0.0000	0.9893	0.9895	-0.0002
2023-12-08T11:33:48	1	0	1	1	0	1.1055	1.1055	0.0000	-0.9991	-0.9991	0.0000
2023-12-08T11:33:51	2	0	7	7	0	1.0529	1.0529	0.0000	0.9973	0.9973	0.0000
2023-12-08T11:34:19	1	0	31	30	1	1.0518	1.0517	-0.0001	0.9857	0.9858	-0.0001
2023-12-08T11:35:07	4	0	5	4	1	1.0501	1.0479	-0.0022	0.9977	0.9983	-0.0006
2023-12-08T11:35:35	2	0	5	5	0	1.0044	1.0044	0.0000	-0.9916	-0.9917	0.0001
2023-12-08T11:36:48	1	0	6	6	0	1.0513	1.0513	0.0000	-0.9999	-0.9999	0.0000
2023-12-08T11:37:55	3	0	8	9	-1	1.0322	1.0311	-0.0011	0.986	0.986	0.0000
2023-12-08T11:39:54	2	0	12	11	1	1.0472	1.0472	0.0000	0.9998	0.9998	0.0000
2023-12-08T11:40:19	2	0	3	3	0	0.8819	0.8826	0.0007	0.9791	0.9791	0.0000
2023-12-08T11:40:25	3	0	12	12	0	1.0596	1.0596	0.0000	0.9601	0.9606	-0.0005
2023-12-08T11:40:52	3	0	2	2	0	1.0310	1.0306	-0.0004	-0.9829	-0.9829	0.0000
2023-12-08T11:41:53	2	0	2	2	0	1.0577	1.0573	-0.0005	0.9855	0.9855	0.0000
2023-12-08T11:43:49	2	0	11	11	0	1.0473	1.0472	-0.0001	0.9661	0.966	0.0001
2023-12-08T11:44:28	1	0	49	48	1	1.0509	1.0508	-0.0001	-0.9965	-0.9965	0.0000
2023-12-08T11:48:01	2	0	6	5	1	1.0519	1.0500	-0.0019	0.9584	0.9583	0.0001
2023-12-08T11:48:08	1	0	23	23	0	1.0485	1.0484	-0.0001	0.9146	0.9142	0.0004
2023-12-08T11:48:33	1	0	2	2	0	1.0207	1.0207	0.0000	0.9913	0.9911	0.0002
2023-12-08T11:48:44	5	0	7	6	1	1.0512	1.0501	-0.0011	0.9626	0.9628	-0.0002
2023-12-08T11:48:52	1	0	36	36	0	1.0557	1.0557	0.0000	0.9997	0.9997	0.0000
2023-12-08T11:50:01	1	0	2	2	0	0.9891	0.9891	0.0000	0.8851	0.8857	-0.0006
2023-12-08T11:50:26	1	0	1	1	0	1.0414	1.0414	0.0000	-0.9972	-0.9972	0.0000
2023-12-08T11:50:36	2	0	5	5	0	1.0114	1.0113	-0.0001	-0.9821	-0.9822	0.0001
2023-12-08T11:50:39	1	0	30	30	0	1.0496	1.0496	0.0000	-0.9975	-0.9974	-0.0001
2023-12-08T11:50:52	1	0	1	1	0	0.9397	0.9397	0.0000	-0.9998	-0.9998	0.0000
2023-12-08T11:51:49	1	0	4	4	0	1.0543	1.0543	0.0000	-1	1	0.0000
2023-12-08T11:52:16	1	0	32	32	0	1.0521	1.0521	0.0000	0.9788	0.9788	0.0000
2023-12-08T11:53:23	3	0	203	202	1	1.0592	1.0588	-0.0003	-0.9775	-0.9774	-0.0001
2023-12-08T11:55:26	2	0	12	12	0	1.0617	1.0617	0.0000	0.969	0.9694	-0.0004
2023-12-08T11:59:15	1	0	41	41	0	1.0528	1.0528	0.0000	-0.9974	-0.9974	0.0000
2023-12-08T11:59:48	1	0	3	3	0	1.0561	1.0557	-0.0004	0.9799	0.9799	0.0000
2023-12-08T12:01:40	4	0	2	2	0	1.0335	1.0333	-0.0002	0.9902	0.9903	-0.0001
2023-12-08T12:02:20	3	0	12	10	2	1.0515	1.0505	-0.0010	0.9972	0.9972	0.0000
2023-12-08T12:03:45	5	0	5	6	-1	1.0507	1.0515	0.0008	0.9643	0.9646	-0.0003
2023-12-08T12:03:53	1	0	7	7	0	1.0521	1.0521	0.0000	0.9988	0.9988	0.0000
2023-12-08T12:05:02	1	0	2	2	0	0.9896	0.9896	0.0000	0.8836	0.8837	-0.0001
2023-12-08T12:05:09	2	0	2	3	-1	1.0506	1.0521	0.0015	0.9978	0.9978	0.0000
2023-12-08T12:05:37	1	0	4	4	0	1.0193	1.0193	-0.0001	-0.9835	-0.9836	0.0001
2023-12-08T12:05:53	1	0	1	1	0	0.9419	0.9419	0.0000	-1	-1	0.0000
2023-12-08T12:06:50	1	0	2	2	0	1.0600	1.0600	0.0000	-1	-1	0.0000
2023-12-08T12:08:24	7	0	262	261	1	1.0618	1.0618	0.0000	-0.9744	-0.9744	0.0000
2023-12-08T12:10:57	2	0	37	21	16	0.9571	0.9593	0.0022	0.9614	0.9613	0.0001
2023-12-08T12:25:07	2	0	61	60	1	1.0480	1.0478	-0.0001	-0.9993	-0.9994	0.0001
2023-12-08T12:26:20	3	0	3	4	-1	1.0546	1.0548	0.0003	0.9804	0.9803	0.0001
2023-12-08T12:26:56	1	0	1	1	0	1.0561	1.0561	0.0000	0.9849	0.9849	0.0000
2023-12-08T12:33:46	1	0	26	26	0	1.0484	1.0484	0.0000	0.987	0.9871	-0.0001
2023-12-08T12:48:12	1	0	1	2	-1	1.0429	1.0432	0.0003	0.9323	0.9325	-0.0002
2023-12-08T12:56:00	2	0	451	451	0	0.8944	0.8945	0.0001	0.9302	0.9301	0.0001
2023-12-08T13:05:09	1	0	3	3	0	1.0075	1.0075	0.0000	0.8862	0.8865	-0.0003
2023-12-08T13:05:18	1	0	67	66	1	1.0552	1.0552	0.0000	0.9958	0.9958	0.0000
2023-12-08T13:10:10	1	0	35	35	0	1.0473	1.0472	0.0000	1	1	0.0000
2023-12-08T13:11:24	1	0	4	6	-2	1.0459	1.0458	0.0000	0.9767	0.9769	-0.0002
2023-12-08T13:14:51	10	0	71	34	37	0.9486	0.9500	0.0014	0.9774	0.9779	-0.0005
2023-12-08T13:16:50	1	0	8	8	0	1.0516	1.0511	-0.0005	0.979	0.979	0.0000
2023-12-08T13:22:49	1	0	10	10	0	1.0437	1.0437	0.0000	0.9785	0.9785	0.0000
2023-12-08T13:25:32	1	0	13	13	0	1.0625	1.0625	0.0000	0.9662	0.9666	-0.0004
2023-12-08T13:27:08	1	0	4	3	1	1.0522	1.0497	-0.0026	0.9327	0.9326	0.0001
2023-12-08T13:29:52	1	0	3	2	1	1.0481	1.0435	-0.0046	0.9932	0.9933	-0.0001
2023-12-08T13:36:34	1	0	1	1	0	1.0402	1.0402	0.0000	0.9864	0.9864	0.0000
2023-12-08T13:38:30	2	0	240	240	0	1.0608	1.0608	0.0000	-0.9729	-0.9728	-0.0001
2023-12-08T13:40:33	1	0	13	13	0	1.0628	1.0628	0.0000	0.9638	0.9638	0.0000
2023-12-08T13:41:03	1	0	448	451	-3	0.8734	0.8737	0.0003	0.9282	0.928	0.0002
2023-12-08T13:42:13	1	0	5	5	0	1.0465	1.0465	0.0000	1	1	0.0000
2023-12-08T13:43:21	2	0	33	32	1	1.0516	1.0515	-0.0001	0.9942	0.9942	0.0000
2023-12-08T13:44:53	8	0	4	4	0	1.0426	1.0426	0.0000	0.9889	0.9887	0.0002
2023-12-08T13:48:20	1	0	5	4	1	1.0514	1.0497	-0.0017	0.9706	0.9705	0.0001
2023-12-08T13:50:51	2	0	3	3	0	1.0506	1.0503	-0.0003	-1	-1	0.0000

2023-12-08T13:53:31	1	0	204	204	0	1.0595	1.0595	0.0000	-0.9738	-0.9737	-0.0001
2023-12-08T13:56:04	1	0	6	6	0	1.0287	1.0283	-0.0004	0.9596	0.9593	0.0003
2023-12-08T13:56:26	3	0	20	19	1	1.0605	1.0592	-0.0013	0.9902	0.9892	0.0010
2023-12-08T13:58:40	2	0	1	1	0	1.0338	1.0333	-0.0005	0.9923	0.9924	-0.0001
2023-12-08T13:59:54	2	0	3	2	1	1.0431	1.0358	-0.0073	0.9942	0.9944	-0.0002
2023-12-08T14:02:41	5	0	37	36	1	1.0525	1.0523	-0.0001	0.9836	0.9836	0.0000
2023-12-08T14:03:53	1	0	11	10	1	1.0392	1.0372	-0.0020	0.9649	0.9651	-0.0002
2023-12-08T14:04:01	13	0	66	64	2	0.9275	0.9281	0.0006	0.9944	0.9946	-0.0002
2023-12-08T14:04:01	1	0	6	6	0	1.0512	1.0511	0.0000	0.9978	0.9978	0.0000
2023-12-08T14:05:13	1	0	122	122	0	1.0593	1.0592	-0.0001	-0.9926	-0.9929	0.0003
2023-12-08T14:05:21	1	0	17	17	0	1.0475	1.0473	-0.0002	0.9997	0.9997	0.0000
2023-12-08T14:05:22	2	0	71	70	1	1.0567	1.0566	0.0000	0.9995	0.9995	0.0000
2023-12-08T14:05:48	2	0	48	48	0	1.0485	1.0484	0.0000	-0.9953	-0.9953	0.0000
2023-12-08T14:07:09	5	0	1	1	0	1.0952	1.0943	-0.0009	0.9869	0.9868	0.0001
2023-12-08T14:08:32	5	0	252	248	4	1.0607	1.0606	0.0000	-0.9685	-0.9684	-0.0001
2023-12-08T14:10:37	1	0	3	3	0	1.0427	1.0427	0.0000	0.9979	0.9979	0.0000
2023-12-08T14:11:05	1	0	427	426	1	0.9043	0.9045	0.0001	0.9209	0.9212	-0.0003
2023-12-08T14:12:39	2	0	1	1	0	0.9882	0.9887	0.0005	-0.9791	-0.9788	-0.0003
2023-12-08T14:14:47	4	0	24	23	1	1.0507	1.0502	-0.0005	-0.9999	-0.9999	0.0000
2023-12-08T14:16:05	5	0	67	67	0	1.0698	1.0690	-0.0009	0.9459	0.9447	0.0012
2023-12-08T14:18:54	2	0	6	6	0	1.0453	1.0453	0.0000	0.9662	0.9659	0.0003
2023-12-08T14:19:02	6	0	71	71	0	0.9240	0.9241	0.0001	0.9984	0.9989	-0.0005
2023-12-08T14:20:38	3	0	1	0	1	1.0355	null	null	0.9908	0.9905	0.0003
2023-12-08T14:21:02	1	0	2	2	0	1.0399	1.0396	-0.0003	-0.9998	-0.9998	0.0000
2023-12-08T14:23:08	1	0	11	11	0	1.0438	1.0437	-0.0001	0.9971	0.9971	0.0000
2023-12-08T14:23:33	4	0	274	269	5	1.0610	1.0610	0.0000	-0.9649	-0.9649	0.0000
2023-12-08T14:25:08	4	0	6	6	0	1.0393	1.0392	-0.0001	0.9942	0.9942	0.0000
2023-12-08T14:25:38	1	0	7	7	0	1.0436	1.0436	0.0000	0.9983	0.9983	0.0000
2023-12-08T14:26:28	1	0	6	6	0	1.0582	1.0581	-0.0001	0.9905	0.9905	0.0000
2023-12-08T14:26:29	3	0	3	3	0	1.0458	1.0456	-0.0002	0.9846	0.9682	0.0164
2023-12-08T14:27:32	1	0	1	1	0	1.0453	1.0453	0.0000	0.986	0.9861	-0.0001
2023-12-08T14:29:00	1	0	17	17	0	1.0514	1.0514	0.0000	0.9699	0.9699	0.0000
2023-12-08T14:29:24	1	0	2	1	1	1.0683	1.0724	0.0041	-0.984	-0.9836	-0.0004
2023-12-08T14:29:48	3	0	25	25	0	1.0514	1.0514	0.0000	-0.9998	-0.9998	0.0000
2023-12-08T14:29:56	2	0	6	6	0	1.0399	1.0398	-0.0001	0.9888	0.9887	0.0001
2023-12-08T14:31:06	3	0	67	67	0	1.0689	1.0687	-0.0002	0.9463	0.9459	0.0004
2023-12-08T14:31:55	2	0	4	4	0	1.0491	1.0489	-0.0002	0.9979	0.9979	0.0000
2023-12-08T14:32:04	2	0	4	4	0	1.0479	1.0477	-0.0002	-0.9807	-0.9807	0.0000
2023-12-08T14:32:33	3	0	52	49	3	1.0521	1.0517	-0.0005	0.9998	0.9998	0.0000
2023-12-08T14:33:32	1	0	10	10	0	1.0420	1.0420	0.0000	0.9941	0.994	0.0001
2023-12-08T14:33:37	1	0	2	2	0	1.0379	1.0379	0.0000	-0.9999	-0.9997	-0.0002
2023-12-08T14:33:55	2	0	8	8	0	1.0417	1.0417	0.0000	0.9599	0.9598	0.0001
2023-12-08T14:34:18	1	0	2	2	0	1.0308	1.0306	-0.0002	-0.9978	-0.9979	0.0001
2023-12-08T14:35:23	3	0	24	23	1	1.0478	1.0478	-0.0001	0.9999	0.9999	0.0000
2023-12-08T14:35:24	2	0	58	56	2	1.0560	1.0559	-0.0001	0.9986	0.9985	0.0001
2023-12-08T14:35:50	2	0	43	43	0	1.0480	1.0480	0.0000	-0.9951	-0.9951	0.0000
2023-12-08T14:36:49	1	0	3	3	0	1.0251	1.0252	0.0001	0.9983	0.9983	0.0000
2023-12-08T14:37:36	1	0	25	25	0	1.0473	1.0473	0.0000	-0.985	-0.985	0.0000
2023-12-08T14:38:06	3	0	1	1	0	1.0420	1.0412	-0.0008	-0.9843	-0.9849	0.0006
2023-12-08T14:38:34	4	0	291	289	2	1.0619	1.0618	0.0000	-0.9669	-0.967	0.0001
2023-12-08T14:39:53	1	0	6	6	0	1.0476	1.0476	-0.0001	0.9769	0.9762	0.0007
2023-12-08T14:40:09	1	0	7	7	0	1.0210	1.0209	-0.0001	0.9961	0.9961	0.0000
2023-12-08T14:41:29	1	0	16	16	0	1.0547	1.0546	0.0000	0.9906	0.9906	0.0000
2023-12-08T14:41:30	3	0	5	5	0	1.0461	1.0460	-0.0001	0.9835	0.9835	0.0000
2023-12-08T14:41:35	2	0	5	5	0	1.0391	1.0391	-0.0001	0.998	0.9979	0.0001
2023-12-08T14:43:43	1	0	2	2	0	1.0322	1.0318	-0.0005	0.9866	0.9865	0.0001
2023-12-08T14:44:01	1	0	19	19	0	1.0515	1.0515	0.0000	0.9672	0.9672	0.0000
2023-12-08T14:44:49	3	0	26	26	0	1.0516	1.0516	0.0000	-0.9998	-0.9998	0.0000
2023-12-08T14:44:57	1	0	5	5	0	1.0364	1.0364	0.0000	0.9888	0.9888	0.0000
2023-12-08T14:46:26	5	0	6	6	0	1.0334	1.0329	-0.0004	0.9984	0.9983	0.0001
2023-12-08T14:47:34	1	0	63	62	1	1.0528	1.0528	0.0000	0.9999	0.9999	0.0000
2023-12-08T14:48:38	1	0	2	2	0	1.0374	1.0373	-0.0002	-0.9997	-0.9995	-0.0002
2023-12-08T14:52:55	2	0	12	11	1	1.0467	1.0478	0.0011	0.9972	0.9971	0.0001
2023-12-08T14:53:35	1	0	327	325	2	1.0627	1.0627	0.0000	-0.9684	-0.9684	0.0000
2023-12-08T14:55:10	2	0	7	7	0	1.0342	1.0342	0.0000	0.9971	0.9971	0.0000
2023-12-08T15:01:08	3	0	2	2	0	1.0243	1.0239	-0.0004	0.9038	0.933	-0.0292
2023-12-08T15:05:52	1	0	60	60	0	1.0480	1.0480	0.0000	-0.9926	-0.9927	0.0001
2023-12-08T15:08:36	7	0	412	399	13	1.0628	1.0627	-0.0001	-0.9656	-0.9657	0.0001
2023-12-08T15:11:17	1	0	16	15	1	1.0311	1.0310	-0.0001	0.9881	0.9881	0.0000
2023-12-08T15:15:01	1	0	1	0	1	1.0343	null	null	0.9813	0.9813	0.0000
2023-12-08T15:16:09	2	0	68	66	2	1.0596	1.0591	-0.0005	0.951	0.9507	0.0003
2023-12-08T15:20:27	1	0	18	18	0	1.0424	1.0424	0.0000	0.9994	0.9994	0.0000
2023-12-08T15:22:14	4	0	1	1	0	1.0869	1.0865	-0.0004	0.9757	0.9757	0.0000
2023-12-08T15:26:08	2	0	1	1	0	1.0258	1.0255	-0.0003	-0.9832	-0.9832	0.0000
2023-12-08T15:26:10	1	0	7	7	0	1.0010	1.0010	0.0000	0.9524	0.9517	0.0007
2023-12-08T15:34:08	4	0	98	93	5	0.9237	0.9241	0.0004	0.995	0.9949	0.0001
2023-12-08T15:35:28	1	0	21	20	1	1.0439	1.0438	-0.0001	0.9999	0.9999	0.0000
2023-12-08T15:43:07	1	0	56	55	1	1.0486	1.0485	-0.0002	-0.9998	-0.9998	0.0000
2023-12-08T15:44:10	1	0	11	11	0	0.9505	0.9505	0.0000	0.9952	0.9952	0.0000
2023-12-08T16:03:29	1	0	3	3	0	1.0414	1.0413	-0.0001	0.9677	0.9675	0.0002
2023-12-08T16:07:17	17	0	4	4	0	0.9818	0.9861	0.0043	0.9742	0.9751	-0.0009
2023-12-08T16:11:39	1	0	2	2	0	1.0303	1.0303	0.0000	0.9854	0.9854	0.0000
2023-12-08T16:19:02	2	0	1	0	1	0.9783	null	null	0.9642	0.9644	-0.0002
2023-12-08T16:26:40	1	0	4	5	-1	1.0341	1.0345	0.0004	0.9883	0.9882	0.0001
2023-12-08T16:30:45	2	0	30	26	4	0.9438	0.9443	0.0005	0.9334	0.9336	-0.0002

2023-12-08T16:59:34	2	0	7	7	0	0.9572	0.9576	0.0004	-0.9964	-0.9962	-0.0002
2023-12-08T17:05:49	1	0	1	0	1	0.9600	null	null	0.9845	0.9844	0.0001
2023-12-08T17:25:07	1	0	7	7	0	1.0361	1.0362	0.0001	0.9933	0.9935	-0.0002
2023-12-09T11:09:50	1	0	9	9	0	0.9747	0.9746	-0.0001	0.9979	0.9979	0.0000
2023-12-09T11:11:22	1	0	7	7	0	1.0401	1.0401	-0.0001	0.9955	0.9955	0.0000
2023-12-09T11:12:26	1	0	1	1	0	0.9821	0.9828	0.0007	-0.9839	-0.9837	-0.0002
2023-12-09T11:14:12	1	0	2	2	0	1.0514	1.0512	-0.0003	-0.9931	-0.993	-0.0001
2023-12-09T11:14:27	1	0	12	12	0	1.0497	1.0496	-0.0001	-0.9951	-0.9952	0.0001
2023-12-09T11:14:35	1	0	7	7	0	1.0486	1.0485	-0.0002	0.9971	0.9971	0.0000
2023-12-09T11:15:25	2	0	99	98	1	1.1476	1.1507	0.0031	0.9992	0.9992	0.0000
2023-12-09T11:15:42	1	0	8	8	0	1.0464	1.0462	-0.0002	-0.9997	-0.9997	0.0000
2023-12-09T11:16:50	2	0	1	1	0	1.0459	1.0451	-0.0008	-0.9873	-0.9875	0.0002
2023-12-09T11:17:24	2	0	776	775	1	1.0712	1.0712	0.0000	-0.993	-0.993	0.0000
2023-12-09T11:18:00	1	0	5	4	1	1.0524	1.0504	-0.0020	0.9607	0.9607	0.0000
2023-12-09T11:18:51	9	0	7	4	3	1.0482	1.0459	-0.0023	-0.9822	-0.9834	0.0012
2023-12-09T11:19:10	2	0	3	3	0	1.0399	1.0395	-0.0005	-0.9991	-0.9991	0.0000
2023-12-09T11:19:59	1	0	11	9	2	1.0526	1.0496	-0.0029	-0.9932	-0.9945	0.0013
2023-12-09T11:20:11	1	0	3	3	0	1.0410	1.0408	-0.0002	0.997	0.997	0.0000
2023-12-09T11:20:31	1	0	17	16	1	1.0490	1.0489	-0.0002	0.977	0.9764	0.0006
2023-12-09T11:20:35	3	0	8	5	3	1.0432	1.0452	0.0020	-1	-1	0.0000
2023-12-09T11:21:56	1	0	1	1	0	1.0834	1.0825	-0.0009	0.9914	0.9916	-0.0002
2023-12-09T11:22:43	1	0	13	13	0	1.0468	1.0468	0.0000	1	1	0.0000
2023-12-09T11:25:20	1	0	14	13	1	1.0527	1.0523	-0.0004	-0.9991	-0.9993	0.0002
2023-12-09T11:26:23	2	0	7	7	0	1.0410	1.0409	-0.0001	0.9964	0.9963	0.0001
2023-12-09T11:27:27	2	0	1	1	0	0.9845	0.9852	0.0007	-0.9835	-0.9833	-0.0002
2023-12-09T11:28:50	1	0	5	5	0	0.9843	0.9843	0.0000	0.9984	0.9984	0.0000
2023-12-09T11:29:28	1	0	19	19	0	1.0489	1.0489	0.0000	-0.9963	-0.9963	0.0000
2023-12-09T11:30:56	4	0	3	3	0	1.0100	1.0105	0.0005	0.9584	0.9593	-0.0009
2023-12-09T11:31:14	1	0	3	3	0	1.0277	1.0275	-0.0002	-0.9968	-0.9968	0.0000
2023-12-09T11:35:00	1	0	1	1	0	1.0135	1.0135	0.0000	0.934	0.9341	-0.0001
2023-12-09T11:35:27	1	0	3	3	0	1.0458	1.0455	-0.0003	-0.9983	-0.9984	0.0001
2023-12-09T11:36:57	2	0	1	1	0	1.0837	1.0837	0.0000	0.9911	0.9913	-0.0002
2023-12-09T11:40:52	1	0	1	1	0	1.0342	1.0338	-0.0004	-0.9897	-0.9897	0.0000
2023-12-09T11:41:24	3	0	15	15	0	1.0485	1.0483	-0.0001	0.9964	0.9964	0.0000
2023-12-09T11:42:00	1	0	11	10	1	1.0542	1.0536	-0.0005	0.9918	0.9917	0.0001
2023-12-09T11:43:54	1	0	1	0	1	1.0346	null	null	0.9984	0.9984	0.0000
2023-12-09T11:44:47	1	0	1	1	0	1.0343	1.0339	-0.0004	0.9998	0.9998	0.0000
2023-12-09T11:44:59	1	0	1	1	0	1.0109	1.0105	-0.0004	0.982	0.982	0.0000
2023-12-09T11:45:32	1	0	11	10	1	1.0503	1.0495	-0.0009	-0.9927	-0.9927	0.0000
2023-12-09T11:45:57	6	0	67	32	35	1.0629	1.0554	-0.0075	-1	0.997	0.0030
2023-12-09T11:46:15	2	0	2	2	0	1.0196	1.0194	-0.0002	-0.9972	-0.9972	0.0000
2023-12-09T11:46:52	3	0	4	4	0	1.0479	1.0479	0.0000	-0.988	-0.988	0.0000
2023-12-09T11:49:56	4	0	18	16	2	1.0509	1.0499	-0.0009	-0.9993	-0.9994	0.0001
2023-12-09T11:50:28	2	0	5	5	0	1.0422	1.0422	-0.0001	-0.9982	-0.9983	0.0001
2023-12-09T11:50:33	2	0	12	11	1	1.0480	1.0482	0.0002	0.9759	0.9759	0.0000
2023-12-09T11:50:44	2	0	13	13	0	1.0441	1.0439	-0.0002	0.9985	0.9984	0.0001
2023-12-09T11:51:39	1	0	1	1	0	1.0689	1.0679	-0.0010	-0.9999	-0.9999	0.0000
2023-12-09T11:51:49	1	0	29	24	5	1.0511	1.0523	0.0013	-0.9813	-0.9842	0.0029
2023-12-09T11:52:45	1	0	4	4	0	1.0479	1.0479	0.0000	1	1	0.0000
2023-12-09T11:55:56	1	0	7	7	0	1.0119	1.0117	-0.0001	0.9881	0.988	0.0001
2023-12-09T11:58:55	1	0	1	1	0	1.0365	1.0359	-0.0006	0.9989	0.9989	0.0000
2023-12-09T11:59:48	1	0	1	0	1	1.0388	null	null	0.9999	0.9996	0.0003
2023-12-09T11:59:58	1	0	2	1	1	1.0389	1.0201	-0.0188	-0.9999	-0.9999	0.0000
2023-12-09T12:00:00	1	0	1	2	-1	1.0158	1.0133	-0.0025	0.9825	0.9826	-0.0001
2023-12-09T12:00:58	5	0	13	12	1	1.0538	1.0536	-0.0002	0.9549	0.9555	-0.0006
2023-12-09T12:02:38	1	0	1	0	1	1.0551	null	null	0.9858	0.9858	0.0000
2023-12-09T12:03:32	1	0	4	4	0	1.0092	1.0091	-0.0001	0.992	0.9917	0.0003
2023-12-09T12:05:36	2	0	150	138	12	0.9393	0.9399	0.0006	0.999	0.9991	-0.0001
2023-12-09T12:07:46	1	0	4	4	0	1.0474	1.0474	0.0000	1	1	0.0000
2023-12-09T12:09:35	1	0	7	7	0	1.0507	1.0505	-0.0002	0.9926	0.9925	0.0001
2023-12-09T12:10:57	1	0	6	7	-1	1.0148	1.0176	0.0029	0.9954	0.9954	0.0000
2023-12-09T12:22:13	2	0	4	4	0	0.9778	0.9776	-0.0002	-0.9851	-0.9852	0.0001
2023-12-09T12:29:45	1	0	16	15	1	1.0461	1.0454	-0.0006	-0.9895	-0.9895	0.0000
2023-12-09T12:30:29	3	0	1	0	1	1.0137	null	null	0.9932	0.9931	0.0001
2023-12-09T12:31:18	1	0	8	9	-1	1.0431	1.0400	-0.0031	-0.9974	-0.9974	0.0000
2023-12-09T12:33:17	2	0	3	2	1	1.0494	1.0464	-0.0030	0.9703	0.9703	0.0000
2023-12-09T12:39:56	2	0	11	11	0	0.9851	0.9850	-0.0001	0.9986	0.9986	0.0000
2023-12-09T12:42:55	1	0	26	25	1	1.0477	1.0474	-0.0003	-0.9944	-0.9944	0.0000
2023-12-09T12:46:01	1	0	58	58	0	1.0698	1.0694	-0.0004	0.9132	0.989	-0.0758
2023-12-09T12:48:57	1	0	9	9	0	1.0531	1.0530	-0.0001	0.9999	0.9999	0.0000
2023-12-09T12:50:14	1	0	5	4	1	1.0400	1.0357	-0.0042	1	1	0.0000
2023-12-09T12:58:13	1	0	19	18	1	1.0522	1.0521	-0.0002	0.9991	0.9984	0.0007
2023-12-09T13:01:02	3	0	55	55	0	1.0598	1.0598	0.0000	0.9563	0.9563	0.0000
2023-12-09T13:01:40	2	0	7	6	1	1.0420	1.0409	-0.0011	0.9964	0.9963	0.0001
2023-12-09T13:01:53	1	0	7	7	0	1.0448	1.0448	0.0000	1	0.9999	0.0001
2023-12-09T13:03:49	3	0	3	3	0	1.0371	1.0370	-0.0001	0.9805	0.98	0.0005
2023-12-09T13:05:42	1	0	10	10	0	1.0462	1.0462	0.0000	-0.9997	-0.9999	0.0002
2023-12-09T13:05:46	1	0	39	39	0	1.0497	1.0497	0.0000	-0.9738	-0.9738	0.0000
2023-12-09T13:12:21	1	0	1	1	0	1.0368	1.0368	0.0000	-0.9622	-0.9621	-0.0001
2023-12-09T13:14:00	2	0	2	2	0	1.0328	1.0321	-0.0007	0.9989	0.9988	0.0001
2023-12-09T13:20:02	5	0	10	9	1	1.0493	1.0484	-0.0010	0.9892	0.9893	-0.0001
2023-12-09T13:24:59	1	0	5	5	0	1.0148	1.0147	-0.0001	0.9988	0.9988	0.0000
2023-12-09T13:32:11	1	0	1	1	0	1.0402	1.0399	-0.0003	-0.9994	-0.9994	0.0000
2023-12-09T13:33:10	1	0	6	6	0	1.0552	1.0550	-0.0002	0.9534	0.9534	0.0000
2023-12-09T13:33:51	2	0	1	1	0	1.0594	1.0591	-0.0003	0.9805	0.9808	-0.0003

2023-12-09T13:34:19	2	0	39	35	4	1.0524	1.0522	-0.0002	-0.9957	-0.9957	0.0000
2023-12-09T13:35:40	1	0	8	10	-2	1.0458	1.0458	0.0000	0.9779	0.978	-0.0001
2023-12-09T13:37:00	3	0	1	0	1	1.0389	null	null	-0.9999	-0.9999	0.0000
2023-12-09T13:39:41	1	0	5	5	0	1.0539	1.0536	-0.0003	0.9989	0.9988	0.0001
2023-12-09T13:40:00	1	0	4	4	0	1.0051	1.0050	-0.0001	0.998	0.998	0.0000
2023-12-09T13:40:38	1	0	35	34	1	1.0553	1.0553	0.0000	-1	-1	0.0000
2023-12-09T13:42:36	2	0	1	1	0	1.0563	1.0563	0.0000	-0.9563	-0.9564	0.0001
2023-12-09T13:48:40	1	0	6	6	0	1.0485	1.0484	-0.0001	0.9696	0.9538	0.0158
2023-12-09T13:53:29	1	0	93	92	1	1.0541	1.0541	0.0000	-0.971	-0.9708	-0.0002
2023-12-09T13:56:01	3	0	1	0	1	1.0248	null	null	-0.9827	-0.9823	-0.0004
2023-12-09T14:01:02	2	0	1	1	0	0.9737	0.9742	0.0005	0.9977	0.9977	0.0000
2023-12-09T14:01:07	3	0	44	25	19	1.0586	1.0575	-0.0011	0.9593	0.9585	0.0008
2023-12-09T14:04:21	6	0	23	23	0	1.0489	1.0488	-0.0001	-0.9965	-0.9965	0.0000
2023-12-09T14:05:10	1	0	15	15	0	1.0515	1.0514	-0.0001	-0.9943	-0.9946	0.0003
2023-12-09T14:05:22	2	0	68	67	1	1.0571	1.0570	-0.0001	0.9989	0.9988	0.0001
2023-12-09T14:05:44	2	0	137	132	5	0.9403	0.9404	0.0001	0.9995	0.9995	0.0000
2023-12-09T14:05:50	2	0	31	30	1	1.0479	1.0489	0.0010	-0.9787	-0.9787	0.0000
2023-12-09T14:11:00	2	0	1	1	0	1.0056	1.0041	-0.0015	0.9994	0.9993	0.0001
2023-12-09T14:11:02	2	0	2	2	0	1.0235	1.0181	-0.0054	-0.9833	-0.9828	-0.0005
2023-12-09T14:14:47	4	0	10	10	0	1.0494	1.0494	0.0000	-1	-1	0.0000
2023-12-09T14:16:08	2	0	2	2	0	1.0231	1.0230	-0.0001	0.9532	0.9294	0.0238
2023-12-09T14:17:34	6	0	6	7	-1	1.0475	1.0473	-0.0002	0.9996	0.9996	0.0000
2023-12-09T14:18:13	2	0	17	15	2	1.0561	1.0559	-0.0001	0.9593	0.9526	0.0067
2023-12-09T14:18:41	1	0	5	5	0	1.0081	1.0081	0.0000	0.9956	0.9955	0.0001
2023-12-09T14:18:54	2	0	6	5	1	0.9941	1.0041	0.0100	0.9752	0.9757	-0.0005
2023-12-09T14:19:22	8	0	22	20	2	1.0479	1.0474	-0.0005	-0.9962	-0.9962	0.0000
2023-12-09T14:20:11	1	0	16	16	0	1.0526	1.0526	0.0000	-0.9958	-0.9958	0.0000
2023-12-09T14:20:23	1	0	44	44	0	1.0548	1.0548	0.0000	0.9994	0.9994	0.0000
2023-12-09T14:20:45	1	0	80	80	0	0.9423	0.9424	0.0001	0.9979	0.9978	0.0001
2023-12-09T14:20:47	7	0	7	8	-1	1.0457	1.0448	-0.0009	-0.9996	-0.9995	-0.0001
2023-12-09T14:24:04	1	0	70	69	1	1.0527	1.0528	0.0000	-0.9218	-0.9218	0.0000
2023-12-09T14:29:48	3	0	9	9	0	1.0489	1.0489	-0.0001	1	1	0.0000
2023-12-09T14:31:04	1	0	1	1	0	0.9760	0.9762	0.0002	0.998	0.998	0.0000
2023-12-09T14:33:42	1	0	3	3	0	1.0141	1.0140	-0.0001	0.9964	0.9962	0.0002
2023-12-09T14:34:10	1	0	2	2	0	1.0353	1.0350	-0.0003	0.9818	0.9817	0.0001
2023-12-09T14:34:23	6	0	19	19	0	1.0493	1.0492	-0.0001	-0.996	-0.996	0.0000
2023-12-09T14:35:10	1	0	1	1	0	1.0350	1.0347	-0.0003	0.9883	0.9882	0.0001
2023-12-09T14:35:12	1	0	14	14	0	1.0513	1.0513	0.0000	-0.9957	-0.9957	0.0000
2023-12-09T14:35:24	2	0	12	12	0	1.0532	1.0531	-0.0001	0.9986	0.9985	0.0001
2023-12-09T14:35:48	1	0	1	0	1	1.0219	null	null	-0.9997	-0.9997	0.0000
2023-12-09T14:35:52	2	0	32	31	1	1.0482	1.0494	0.0011	-0.9763	-0.9763	0.0000
2023-12-09T14:36:16	1	0	2	2	0	1.0661	1.0655	-0.0005	-0.9976	-0.9979	0.0003
2023-12-09T14:36:58	3	0	1	0	1	1.0304	null	null	0.9282	0.9274	0.0008
2023-12-09T14:37:12	3	0	1	1	0	1.0905	1.0901	-0.0004	0.9938	0.994	-0.0002
2023-12-09T14:41:02	1	0	1	1	0	1.0051	1.0049	-0.0002	0.9995	0.9995	0.0000
2023-12-09T14:41:36	3	0	7	7	0	1.0416	1.0415	-0.0001	0.9897	0.9896	0.0001
2023-12-09T14:44:01	1	0	1	1	0	1.0334	1.0331	-0.0003	0.9735	0.9733	0.0002
2023-12-09T14:44:49	3	0	5	5	0	1.0499	1.0499	-0.0001	-1	-1	0.0000
2023-12-09T14:47:36	9	0	4	4	0	1.0407	1.0451	0.0044	0.9997	0.9996	0.0001
2023-12-09T14:48:12	1	0	9	9	0	0.9825	0.9824	0.0000	0.9642	0.9641	0.0001
2023-12-09T14:50:09	3	0	11	11	0	1.0496	1.0482	-0.0014	0.9886	0.9883	0.0003
2023-12-09T14:50:49	2	0	1	0	1	1.0400	null	null	-0.9998	-0.9998	0.0000
2023-12-09T14:50:53	1	0	33	33	0	1.0478	1.0477	0.0000	-0.9747	-0.9747	0.0000
2023-12-09T14:51:17	1	0	2	2	0	1.0647	1.0644	-0.0003	-0.999	-0.9991	0.0001
2023-12-09T14:52:13	3	0	2	2	0	1.0472	1.0468	-0.0005	0.9932	0.9933	-0.0001
2023-12-09T14:55:55	1	0	8	8	0	1.0406	1.0405	-0.0001	0.9932	0.9931	0.0001
2023-12-09T15:00:40	2	0	13	9	4	0.9617	0.9699	0.0082	0.9619	0.9623	-0.0004
2023-12-09T15:01:11	2	0	2	2	0	1.0186	1.0185	-0.0002	0.9176	0.9172	0.0004
2023-12-09T15:02:01	2	0	16	13	3	1.0554	1.0556	0.0002	-0.9853	-0.9997	0.0144
2023-12-09T15:05:46	1	0	14	14	0	1.0476	1.0475	-0.0001	0.9802	0.98	0.0002
2023-12-09T15:05:50	2	0	3	3	0	1.0447	1.0446	-0.0001	-0.9997	-0.9997	0.0000
2023-12-09T15:07:24	5	0	3	4	-1	0.9575	0.9771	0.0197	-0.9862	-0.9868	0.0006
2023-12-09T15:18:58	1	0	1	1	0	1.0274	1.0268	-0.0006	0.9809	0.9807	0.0002
2023-12-09T15:18:58	1	0	22	22	0	1.0507	1.0512	0.0005	-0.9935	-0.9935	0.0000
2023-12-09T15:22:15	3	0	2	2	0	1.0446	1.0445	-0.0002	0.9932	0.9934	-0.0002
2023-12-09T15:32:30	1	0	2	2	0	1.0001	1.0003	0.0002	0.997	0.997	0.0000
2023-12-09T15:34:08	2	0	1	1	0	0.9426	0.9435	0.0009	-0.9952	-0.9951	-0.0001
2023-12-09T15:37:16	1	0	1	1	0	1.0792	1.0792	0.0000	0.9929	0.9931	-0.0002
2023-12-09T15:41:10	2	0	3	3	0	1.0326	1.0320	-0.0006	-0.9844	-0.984	-0.0004
2023-12-09T16:02:21	1	0	1	0	1	1.0413	null	null	-0.9997	-0.9997	0.0000
2023-12-09T16:04:29	1	0	11	11	0	1.0435	1.0435	0.0000	-0.9973	-0.9973	0.0000
2023-12-09T16:05:54	1	0	1	1	0	1.0408	1.0407	-0.0001	-0.9996	-0.9996	0.0000
2023-12-09T16:15:45	1	0	312	312	0	0.6209	0.6209	0.0001	0.9495	0.9494	0.0001
2023-12-09T16:16:08	1	0	5	4	1	0.9429	0.9431	0.0002	0.9716	0.9718	-0.0002
2023-12-09T16:33:50	2	0	7	7	0	0.9726	0.9729	0.0003	0.9947	0.9947	0.0000
2023-12-09T16:35:54	2	0	87	87	0	0.9361	0.9366	0.0005	-0.9971	-0.9967	-0.0004
2023-12-09T16:37:20	3	0	3	0	3	0.9589	null	null	0.9926	0.9926	0.0000
2023-12-09T16:40:14	2	0	74	66	8	0.9319	0.9332	0.0013	0.9975	0.9976	-0.0001
2023-12-09T16:55:15	2	0	82	78	4	0.9363	0.9363	0.0001	0.9973	0.9973	0.0000
2023-12-09T17:04:06	1	0	22	22	0	0.9424	0.9427	0.0003	0.9897	0.9897	0.0000
2023-12-09T17:05:50	1	0	1	0	1	0.9599	null	null	0.9925	0.9924	0.0001
2023-12-09T17:05:56	1	0	101	101	0	0.9315	0.9315	0.0000	-0.9987	-0.9984	-0.0003
2023-12-09T18:06:00	1	0	229	229	0	0.9308	0.9308	0.0000	0.9998	0.9791	0.0207
2023-12-09T18:21:01	1	0	116	116	0	0.9347	0.9347	0.0000	0.9992	0.9992	0.0000
2023-12-09T18:36:09	1	0	16	16	0	1.0465	1.0465	0.0000	-0.9814	-0.9814	0.0000

2023-12-09T18:36:12	1	0	5	5	0	1.0289	1.0289	0.0000	0.9982	0.9982	0.0000
2023-12-09T18:36:32	1	0	2	2	0	1.0377	1.0376	-0.0001	-0.9954	-0.9954	0.0000
2023-12-10T08:00:40	5	0	62	62	0	1.0617	1.0607	-0.0010	0.992	0.9787	0.0133
2023-12-10T08:05:19	3	0	163	162	1	0.9373	0.9375	0.0002	0.9995	0.9996	-0.0001
2023-12-10T08:20:20	1	0	195	195	0	0.9335	0.9335	0.0000	0.9996	0.9997	-0.0001
2023-12-10T08:32:13	2	0	791	791	0	1.0717	1.0717	0.0000	-0.9969	-0.9969	0.0000
2023-12-10T08:35:21	1	0	177	177	0	0.9334	0.9334	0.0000	0.9994	0.9995	-0.0001
2023-12-10T08:39:47	1	0	16	14	2	0.9418	0.9422	0.0004	0.9979	0.9999	-0.0020
2023-12-10T08:50:22	1	0	171	171	0	0.9378	0.9378	0.0000	-1	-1	0.0000
2023-12-10T08:51:56	2	0	45	44	1	0.9299	0.9302	0.0003	0.9959	0.9961	-0.0002
2023-12-10T08:55:17	1	0	117	116	1	1.0573	1.0573	0.0000	0.9999	0.9999	0.0000
2023-12-10T09:03:41	6	0	12	12	0	1.0539	1.0539	0.0000	0.9999	0.9999	0.0000
2023-12-10T09:03:47	1	0	1	1	0	1.0330	1.0330	0.0000	0.9594	0.9594	0.0000
2023-12-10T09:05:23	2	0	88	86	2	0.9380	0.9387	0.0007	-0.9994	-0.9992	-0.0002
2023-12-10T09:05:25	3	0	1	1	0	0.9729	0.9729	0.0000	-0.9995	-0.9995	0.0000
2023-12-10T09:06:57	2	0	42	38	4	0.9302	0.9306	0.0004	0.9966	0.9966	0.0000
2023-12-10T09:09:49	2	0	39	34	5	0.9368	0.9378	0.0010	1	0.9983	0.0017
2023-12-10T09:10:10	3	0	21	21	0	1.0519	1.0518	-0.0001	-0.9969	-0.997	0.0001
2023-12-10T09:17:16	3	0	795	795	0	1.0768	1.0768	0.0000	-0.9974	-0.9974	0.0000
2023-12-10T09:18:20	1	0	26	13	13	0.9640	0.9647	0.0007	0.9964	0.9964	0.0000
2023-12-10T09:18:33	3	0	3	3	0	0.9636	0.9642	0.0006	0.9841	0.9841	0.0000
2023-12-10T09:18:42	2	0	136	136	0	0.9139	0.9143	0.0004	-0.9944	-0.9943	-0.0001
2023-12-10T09:24:23	2	0	3	3	0	1.0461	1.0457	-0.0003	0.9976	0.9974	0.0002
2023-12-10T09:24:50	2	0	6	6	0	0.9548	0.9547	-0.0001	0.9977	0.9977	0.0000
2023-12-10T09:28:44	1	0	1	0	1	1.0390	null	null	0.9986	0.9986	0.0000
2023-12-10T09:29:27	1	0	10	10	0	1.0471	1.0471	-0.0001	0.9999	0.9999	0.0000
2023-12-10T09:31:03	1	0	2	2	0	1.0084	1.0082	-0.0002	0.9995	0.9995	0.0000
2023-12-10T09:32:21	2	0	2	1	1	1.0332	1.0329	-0.0003	0.9913	0.9913	0.0000
2023-12-10T09:33:43	3	0	123	123	0	0.9152	0.9152	0.0000	-0.9952	-0.9952	0.0000
2023-12-10T09:35:24	1	0	12	12	0	1.0473	1.0472	-0.0002	0.9821	0.982	0.0001
2023-12-10T09:41:17	1	0	4	4	0	1.0340	1.0340	-0.0001	0.9885	0.9885	0.0000
2023-12-10T09:41:51	1	0	22	21	1	1.0564	1.0565	0.0001	0.9937	0.9937	0.0000
2023-12-10T09:45:44	2	0	1	1	0	0.9653	0.9658	0.0005	0.9975	0.9975	0.0000
2023-12-10T09:47:05	1	0	7	7	0	1.0080	1.0079	-0.0001	0.9998	0.9998	0.0000
2023-12-10T09:50:25	1	0	14	14	0	1.0462	1.0461	-0.0002	0.981	0.981	0.0000
2023-12-10T09:50:26	1	0	231	231	0	0.9289	0.9289	0.0000	0.9991	0.9992	-0.0001
2023-12-10T09:50:28	1	0	8	7	1	1.0460	1.0447	-0.0013	-0.9994	-0.9995	0.0001
2023-12-10T09:50:32	2	0	23	23	0	1.0447	1.0447	0.0000	-0.9836	-0.9837	0.0001
2023-12-10T09:51:49	4	0	1	1	0	1.0683	1.0675	-0.0008	0.9889	0.9891	-0.0002
2023-12-10T09:54:52	2	0	29	25	4	0.9683	0.9686	0.0003	0.9968	0.9961	0.0007
2023-12-10T09:55:21	1	0	38	36	2	1.0552	1.0552	0.0000	0.9994	0.9994	0.0000
2023-12-10T09:59:06	1	0	2	2	0	1.0459	1.0458	-0.0002	-0.9509	-0.9502	-0.0007
2023-12-10T10:00:48	1	0	4	4	0	1.0487	1.0485	-0.0002	0.9883	0.9879	0.0004
2023-12-10T10:02:17	4	0	3	3	0	1.0412	1.0401	-0.0011	-1	-1	0.0000
2023-12-10T10:03:45	2	0	112	107	5	0.9145	0.9148	0.0003	-0.9961	-0.9962	0.0001
2023-12-10T10:05:27	1	0	209	209	0	0.9303	0.9303	0.0000	0.9979	0.998	-0.0001
2023-12-10T10:05:29	5	0	5	5	0	1.0249	1.0252	0.0003	1	1	0.0000
2023-12-10T10:06:32	1	0	1	1	0	1.0594	1.0583	-0.0011	-0.9958	-0.9959	0.0001
2023-12-10T10:09:53	1	0	7	7	0	0.9738	0.9737	0.0000	0.9971	0.9971	0.0000
2023-12-10T10:10:57	1	0	45	42	3	0.9440	0.9444	0.0003	0.9919	0.9919	0.0000
2023-12-10T10:12:21	2	0	1	1	0	0.9845	0.9850	0.0005	-0.9852	-0.985	-0.0002
2023-12-10T10:14:22	2	0	11	11	0	1.0471	1.0471	0.0000	-0.9881	-0.9882	0.0001
2023-12-10T10:14:39	1	0	1	0	1	1.0368	null	null	1	1	0.0000
2023-12-10T10:14:52	1	0	1	1	0	0.9431	0.9440	0.0009	0.9788	0.9789	-0.0001
2023-12-10T10:15:49	7	0	45	38	7	1.0569	1.0564	-0.0005	0.9896	0.989	0.0006
2023-12-10T10:16:07	1	0	4	4	0	1.0232	1.0231	-0.0001	-1	-1	0.0000
2023-12-10T10:17:18	1	0	3	3	0	1.0418	1.0413	-0.0005	-0.9997	-0.9997	0.0000
2023-12-10T10:17:59	1	0	2	2	0	1.0293	1.0287	-0.0006	0.9844	0.9843	0.0001
2023-12-10T10:18:46	1	0	74	74	0	0.9220	0.9220	0.0000	-0.9959	-0.9959	0.0000
2023-12-10T10:19:02	3	0	3	3	0	1.0440	1.0438	-0.0002	-0.9976	-0.9976	0.0000
2023-12-10T10:25:23	1	0	37	35	2	1.0553	1.0552	-0.0001	0.9996	0.9996	0.0000
2023-12-10T10:25:36	1	0	15	14	1	1.0503	1.0506	0.0004	1	1	0.0000
2023-12-10T10:26:20	2	0	6	6	0	1.0365	1.0365	-0.0001	0.9875	0.9874	0.0001
2023-12-10T10:27:22	2	0	1	1	0	0.9809	0.9814	0.0005	-0.9803	-0.98	-0.0003
2023-12-10T10:28:45	2	0	2	2	0	1.0231	1.0228	-0.0003	0.998	0.9979	0.0001
2023-12-10T10:30:21	2	0	96	95	1	1.1523	1.1566	0.0043	0.9941	0.9941	0.0000
2023-12-10T10:30:50	6	0	25	11	14	1.0531	1.0480	-0.0052	0.9554	0.975	-0.0196
2023-12-10T10:31:24	1	0	2	2	0	1.0403	1.0401	-0.0002	-0.9464	-0.9458	-0.0006
2023-12-10T10:33:47	3	0	103	102	1	0.9158	0.9158	0.0000	-0.9959	-0.996	0.0001
2023-12-10T10:34:55	1	0	1	0	1	1.0562	null	null	-0.995	-0.995	0.0000
2023-12-10T10:35:07	1	0	9	9	0	1.0485	1.0484	-0.0001	0.9979	0.9978	0.0001
2023-12-10T10:40:24	2	0	89	80	9	1.0570	1.0568	-0.0002	0.9997	0.9997	0.0000
2023-12-10T10:44:24	1	0	12	12	0	1.0479	1.0479	0.0000	-0.9911	-0.9911	0.0000
2023-12-10T10:44:32	4	0	10	10	0	1.0477	1.0476	0.0000	0.9996	0.9996	0.0000
2023-12-10T10:45:22	1	0	95	94	1	1.1570	1.1612	0.0043	0.9933	0.9932	0.0001
2023-12-10T10:45:51	3	0	6	6	0	1.0458	1.0403	-0.0055	0.9687	0.9824	-0.0137
2023-12-10T10:46:41	2	0	4	4	0	1.0573	1.0571	-0.0002	-0.9982	-0.9983	0.0001
2023-12-10T10:48:26	1	0	3	3	0	1.0139	1.0138	-0.0001	0.9934	0.9933	0.0001
2023-12-10T10:48:39	2	0	3	4	-1	1.0348	1.0398	0.0050	0.9964	0.9964	0.0000
2023-12-10T10:49:04	1	0	2	2	0	1.0385	1.0382	-0.0003	-0.9975	-0.9975	0.0000
2023-12-10T10:49:56	1	0	2	2	0	1.0556	1.0550	-0.0005	-0.9942	-0.9945	0.0003
2023-12-10T10:50:29	2	0	15	14	1	1.0499	1.0493	-0.0007	0.9935	0.9934	0.0001
2023-12-10T10:54:56	1	0	12	12	0	0.9603	0.9604	0.0002	0.9947	0.9948	-0.0001
2023-12-10T10:56:22	2	0	5	5	0	1.0447	1.0445	-0.0003	0.9887	0.9886	0.0001
2023-12-10T10:58:07	1	0	3	3	0	1.0470	1.0468	-0.0002	0.9986	0.9986	0.0000

2023-12-10T11:02:32	1	0	1	1	0	1.0570	1.0559	-0.0011	0.9862	0.9861	0.0001
2023-12-10T11:03:40	5	0	13	10	3	1.0389	1.0330	-0.0059	0.9895	0.988	0.0015
2023-12-10T11:05:09	1	0	20	20	0	1.0532	1.0532	0.0000	0.9986	0.9985	0.0001
2023-12-10T11:05:33	8	0	3	3	0	1.0124	1.0133	0.0008	-0.9999	-0.9999	0.0000
2023-12-10T11:05:37	3	0	23	21	2	1.0447	1.0453	0.0006	-0.9846	-0.9846	0.0000
2023-12-10T11:07:05	2	0	6	6	0	0.9271	0.9272	0.0002	0.9963	0.9965	-0.0002
2023-12-10T11:09:57	2	0	92	92	0	0.9682	0.9590	-0.0092	0.9935	0.9933	0.0002
2023-12-10T11:14:34	6	0	13	12	1	1.0486	1.0476	-0.0009	0.9999	0.9999	0.0000
2023-12-10T11:16:32	2	0	5	5	0	1.0441	1.0435	-0.0006	0.9959	0.9958	0.0001
2023-12-10T11:18:50	2	0	137	137	0	0.9103	0.9103	0.0000	-0.9964	-0.9965	0.0001
2023-12-10T11:19:00	1	0	1	1	0	1.0218	1.0214	-0.0004	-0.9817	-0.9817	0.0000
2023-12-10T11:20:06	1	0	1	1	0	1.0346	1.0341	-0.0005	0.9993	0.9993	0.0000
2023-12-10T11:20:38	1	0	20	19	1	1.0481	1.0471	-0.0010	-0.9847	-0.9848	0.0001
2023-12-10T11:20:59	2	0	2	2	0	1.0664	1.0659	-0.0006	-0.9796	-0.9802	0.0006
2023-12-10T11:22:41	1	0	11	10	1	1.0494	1.0513	0.0019	-0.9995	-0.9995	0.0000
2023-12-10T11:25:51	3	0	1	0	1	1.0076	null	null	-0.9954	-0.9952	-0.0002
2023-12-10T11:28:09	1	0	1	1	0	1.0962	1.0962	0.0000	1	1	0.0000
2023-12-10T11:29:11	2	0	33	30	3	0.9482	0.9500	0.0018	-0.9967	-0.9964	-0.0003
2023-12-10T11:29:27	2	0	12	12	0	1.0478	1.0478	0.0000	-0.9888	-0.9888	0.0000
2023-12-10T11:32:15	1	0	7	7	0	1.0116	1.0117	0.0001	-1	-1	0.0000
2023-12-10T11:33:29	2	0	3	4	-1	0.9954	0.9827	-0.0127	0.9931	0.9929	0.0002
2023-12-10T11:33:51	4	0	5	5	0	1.0543	1.0543	0.0000	-0.9999	-0.9999	0.0000
2023-12-10T11:33:57	1	0	3	3	0	1.0037	1.0037	0.0000	0.9489	0.9489	0.0000
2023-12-10T11:35:11	1	0	35	35	0	1.0542	1.0542	0.0000	0.9973	0.9973	0.0000
2023-12-10T11:35:35	15	0	2	3	-1	1.0453	1.0454	0.0000	-0.9999	-0.9999	0.0000
2023-12-10T11:37:42	1	0	10	10	0	1.0508	1.0508	0.0000	-0.9996	-0.9996	0.0000
2023-12-10T11:40:20	2	0	10	10	0	1.0566	1.0566	0.0000	0.9922	0.9924	-0.0002
2023-12-10T11:40:41	1	0	20	20	0	1.0543	1.0543	0.0000	0.9999	0.9999	0.0000
2023-12-10T11:43:10	1	0	1	1	0	1.1048	1.1048	0.0000	-0.9991	-0.9991	0.0000
2023-12-10T11:44:28	1	0	11	10	1	1.0478	1.0470	-0.0007	-0.9914	-0.9913	-0.0001
2023-12-10T11:45:55	4	0	47	51	-4	1.0585	1.0588	0.0003	0.9902	0.9898	0.0004
2023-12-10T11:48:43	4	0	12	11	1	1.0398	1.0382	-0.0015	0.9929	0.9931	-0.0002
2023-12-10T11:48:52	3	0	3	3	0	1.0570	1.0570	0.0000	0.9999	0.9998	0.0001
2023-12-10T11:48:58	1	0	3	3	0	1.0056	1.0056	0.0000	0.948	0.948	0.0000
2023-12-10T11:49:14	1	0	1	1	0	0.9441	0.9447	0.0006	0.9713	0.9713	0.0000
2023-12-10T11:50:12	1	0	23	23	0	1.0534	1.0535	0.0000	0.9969	0.9969	0.0000
2023-12-10T11:51:57	24	0	5	4	1	0.9916	1.0040	0.0124	0.9869	0.9878	-0.0009
2023-12-10T11:54:06	3	0	1	0	1	1.0363	null	null	0.9985	0.9984	0.0001
2023-12-10T11:55:21	1	0	9	9	0	1.0562	1.0562	0.0000	0.9907	0.9909	-0.0002
2023-12-10T11:55:42	1	0	17	18	-1	1.0505	1.0502	-0.0003	0.9999	0.9999	0.0000
2023-12-10T11:58:11	1	0	1	1	0	1.1023	1.1023	0.0000	-1	-1	0.0000
2023-12-10T11:59:13	1	0	11	11	0	0.9548	0.9548	0.0000	-0.9976	-0.9977	0.0001
2023-12-10T12:03:53	1	0	4	4	0	1.0531	1.0531	0.0000	0.9999	0.9999	0.0000
2023-12-10T12:05:13	1	0	47	46	1	1.0546	1.0546	0.0000	0.9979	0.998	-0.0001
2023-12-10T12:07:01	1	0	1	0	1	0.9450	null	null	-0.9991	-0.999	-0.0001
2023-12-10T12:10:22	1	0	10	10	0	1.0562	1.0562	0.0000	0.991	0.9911	-0.0001
2023-12-10T12:15:57	3	0	7	7	0	1.0259	1.0259	0.0001	0.9847	0.9847	0.0000
2023-12-10T12:18:32	2	0	2	3	-1	1.0214	0.9959	-0.0255	0.9935	0.9933	0.0002
2023-12-10T12:18:54	1	0	5	5	0	1.0522	1.0522	0.0000	0.9999	0.9999	0.0000
2023-12-10T12:20:45	2	0	3	3	0	1.0521	1.0520	-0.0002	0.9987	0.9987	0.0000
2023-12-10T12:35:15	1	0	58	57	1	1.0561	1.0561	0.0000	0.9983	0.9983	0.0000
2023-12-10T12:35:39	13	0	1	2	-1	1.0237	1.0303	0.0066	-1	-1	0.0000
2023-12-10T12:45:59	1	0	21	21	0	1.0524	1.0523	-0.0001	0.9921	0.992	0.0001
2023-12-10T12:52:01	21	0	1	4	-3	1.0919	0.9913	-0.1006	0.9886	0.9883	0.0003
2023-12-10T12:58:12	1	0	5	5	0	1.0498	1.0496	-0.0001	0.9996	0.9996	0.0000
2023-12-10T13:05:58	1	0	2	2	0	1.0371	1.0366	-0.0005	-0.9997	-0.9997	0.0000
2023-12-10T13:11:00	1	0	702	702	0	0.8499	0.8504	0.0005	0.9028	0.9028	0.0000
2023-12-10T13:14:18	1	0	4	5	-1	0.9773	0.9736	-0.0037	-0.993	-0.9929	-0.0001
2023-12-10T13:25:59	2	0	1	0	1	1.0099	null	null	-0.9918	-0.9915	-0.0003
2023-12-10T13:26:58	1	0	1	0	1	1.0552	null	null	-0.9991	-0.9991	0.0000
2023-12-10T13:32:23	1	0	6	6	0	1.0277	1.0277	0.0000	0.9961	0.9961	0.0000
2023-12-10T13:35:43	2	0	10	9	1	1.0480	1.0470	-0.0011	-0.9996	-0.9996	0.0000
2023-12-10T13:36:00	1	0	1	1	0	1.0367	1.0367	0.0000	1	1	0.0000
2023-12-10T13:41:00	1	0	2	2	0	1.0160	1.0157	-0.0002	-0.9946	-0.9946	0.0000
2023-12-10T13:48:51	3	0	13	12	1	1.0404	1.0391	-0.0013	0.9873	0.9874	-0.0001
2023-12-10T14:02:10	1	0	1	1	0	1.0419	1.0414	-0.0005	-0.9997	-0.9997	0.0000
2023-12-10T14:04:01	2	0	4	4	0	1.0498	1.0498	0.0000	0.9989	0.9989	0.0000
2023-12-10T14:05:17	2	0	4	4	0	1.0403	1.0401	-0.0002	0.9994	0.9994	0.0000
2023-12-10T14:05:45	1	0	9	9	0	1.0479	1.0478	-0.0001	-0.9996	-0.9996	0.0000
2023-12-10T14:05:52	2	0	3	3	0	1.0539	1.0537	-0.0002	0.9995	0.9995	0.0000
2023-12-10T14:07:52	1	0	22	22	0	1.0494	1.0494	0.0000	-0.9991	-0.9991	0.0000
2023-12-10T14:09:42	1	0	7	8	-1	1.0528	1.0532	0.0005	0.9987	0.9987	0.0000
2023-12-10T14:12:04	1	0	3	3	0	1.0304	1.0302	-0.0001	0.9865	0.9864	0.0001
2023-12-10T14:15:03	2	0	2	2	0	1.0167	1.0163	-0.0004	0.986	0.986	0.0000
2023-12-10T14:16:26	2	0	1	1	0	1.0479	1.0471	-0.0008	0.9919	0.9916	0.0003
2023-12-10T14:16:44	1	0	6	7	-1	1.0426	1.0427	0.0001	0.995	0.9951	-0.0001
2023-12-10T14:17:40	2	0	1	1	0	1.0139	1.0137	-0.0002	0.991	0.991	0.0000
2023-12-10T14:18:53	2	0	12	11	1	1.0423	1.0411	-0.0012	0.9839	0.9837	0.0002
2023-12-10T14:19:08	1	0	1	1	0	1.0150	1.0146	-0.0004	0.9868	0.9867	0.0001
2023-12-10T14:19:22	2	0	3	3	0	1.0413	1.0413	0.0000	-0.9974	-0.9974	0.0000
2023-12-10T14:20:10	1	0	4	3	1	1.0553	1.0544	-0.0009	-0.9956	-0.9958	0.0002
2023-12-10T14:20:46	4	0	11	10	1	1.0479	1.0485	0.0005	-0.9994	-0.9994	0.0000
2023-12-10T14:20:50	3	0	22	22	0	1.0484	1.0484	0.0000	-0.9829	-0.9828	-0.0001
2023-12-10T14:26:00	2	0	1	0	1	1.0062	null	null	-0.9995	-0.9994	-0.0001
2023-12-10T14:31:14	1	0	6	6	0	1.0563	1.0562	0.0000	-0.968	-0.9727	0.0047

2023-12-10T14:32:02	2	0	1	0	1	1.0454	null	null	-0.9746	-0.975	0.0004
2023-12-10T14:33:41	1	0	3	3	0	0.9942	0.9945	0.0004	0.9945	0.9944	0.0001
2023-12-10T14:33:54	2	0	13	13	0	1.0365	1.0365	0.0000	0.9871	0.987	0.0001
2023-12-10T14:34:04	2	0	11	10	1	1.0516	1.0510	-0.0006	0.999	0.9989	0.0001
2023-12-10T14:35:11	1	0	3	3	0	1.0548	1.0547	-0.0001	-0.9967	-0.9968	0.0001
2023-12-10T14:35:47	2	0	9	9	0	1.0442	1.0439	-0.0002	-0.9997	-0.9997	0.0000
2023-12-10T14:35:51	1	0	22	22	0	1.0466	1.0466	0.0000	-0.9844	-0.9844	0.0000
2023-12-10T14:37:37	2	0	31	30	1	1.0473	1.0472	-0.0001	-0.9786	-0.9787	0.0001
2023-12-10T14:41:36	1	0	6	6	0	1.0383	1.0383	-0.0001	0.9978	0.9977	0.0001
2023-12-10T14:43:19	1	0	3	3	0	1.0471	1.0471	-0.0001	0.9994	0.9994	0.0000
2023-12-10T14:44:48	1	0	19	19	0	1.0500	1.0500	0.0000	-0.9998	-0.9998	0.0000
2023-12-10T14:45:38	1	0	96	95	1	1.1540	1.1583	0.0043	0.995	0.995	0.0000
2023-12-10T14:45:54	1	0	5	5	0	1.0457	1.0455	-0.0002	0.9965	0.9965	0.0000
2023-12-10T14:47:36	3	0	22	20	2	1.0517	1.0512	-0.0006	-0.9994	-0.9994	0.0000
2023-12-10T14:50:10	1	0	1	1	0	1.0364	1.0361	-0.0003	0.9906	0.9905	0.0001
2023-12-10T14:50:38	1	0	4	4	0	1.0449	1.0447	-0.0002	-0.9973	-0.9974	0.0001
2023-12-10T14:52:55	2	0	32	31	1	1.0493	1.0499	0.0005	-0.9993	-0.9993	0.0000
2023-12-10T14:56:02	2	0	1	1	0	1.0060	1.0051	-0.0009	-0.9997	-0.9997	0.0000
2023-12-10T14:56:08	2	0	2	2	0	1.0077	1.0073	-0.0003	-0.9939	-0.994	0.0001
2023-12-10T15:01:29	2	0	1	1	0	1.0464	1.0461	-0.0003	0.9906	0.9905	0.0001
2023-12-10T15:01:58	1	0	64	61	3	1.0576	1.0576	0.0000	-0.9931	-0.9931	0.0000
2023-12-10T15:05:53	1	0	26	26	0	1.0458	1.0458	0.0000	-0.9835	-0.9835	0.0000
2023-12-10T15:14:50	1	0	18	18	0	1.0492	1.0492	0.0000	-1	-1	0.0000
2023-12-10T15:17:15	1	0	2	2	0	1.0394	1.0392	-0.0002	-0.9995	-0.9995	0.0000
2023-12-10T15:21:09	1	0	2	2	0	1.0383	1.0380	-0.0004	-1	-0.9999	-0.0001
2023-12-10T15:29:51	1	0	17	17	0	1.0498	1.0498	0.0000	1	1	0.0000
2023-12-10T15:39:43	1	0	1	1	0	0.9962	0.9966	0.0004	0.9831	0.9832	-0.0001
2023-12-10T15:41:45	4	0	1	0	1	1.0450	null	null	-0.9757	-0.9757	0.0000
2023-12-10T15:47:46	2	0	3	3	0	1.0357	1.0356	-0.0001	0.9915	0.9916	-0.0001
2023-12-10T15:55:16	1	0	33	19	14	0.9640	0.9663	0.0023	0.9943	0.9944	-0.0001
2023-12-10T16:20:33	6	0	1	0	1	0.9447	null	null	-0.997	-0.9966	-0.0004
2023-12-10T16:45:13	1	0	5	5	0	0.9576	0.9577	0.0000	0.9888	0.9889	-0.0001
2023-12-10T16:52:20	1	0	3	3	0	0.9541	0.9558	0.0017	0.988	0.9881	-0.0001
2023-12-10T17:01:42	1	0	333	333	0	0.9058	0.9060	0.0003	0.9923	0.9923	0.0000
2023-12-10T17:20:54	2	0	35	33	2	0.9435	0.9437	0.0001	1	1	0.0000
2023-12-10T17:21:16	1	0	8	8	0	1.0457	1.0456	-0.0001	-0.9998	-0.9998	0.0000
2023-12-10T17:23:31	1	0	295	295	0	1.0588	1.0588	0.0000	0.9873	0.9874	-0.0001
2023-12-10T17:25:24	1	0	141	139	2	0.9281	0.9283	0.0002	0.9772	0.9773	-0.0001
2023-12-10T17:38:32	1	0	268	268	0	1.0587	1.0587	0.0000	0.9862	0.9862	0.0000
2023-12-10T17:40:12	1	0	13	11	2	0.9525	0.9522	-0.0003	0.9912	0.9911	0.0001
2023-12-10T17:43:51	1	0	55	55	0	0.9351	0.9351	0.0000	0.9965	0.9966	-0.0001
2023-12-10T17:55:26	1	0	152	152	0	0.9248	0.9248	0.0000	0.9763	0.9761	0.0002
2023-12-10T17:58:52	2	0	75	75	0	0.9218	0.9218	0.0000	0.9965	0.9967	-0.0002
2023-12-10T18:10:27	1	0	141	141	0	0.9292	0.9293	0.0001	0.9811	0.9812	-0.0001
2023-12-10T18:13:53	1	0	78	78	0	0.9202	0.9202	0.0001	0.9965	0.9967	-0.0002
2023-12-11T07:51:44	1	0	169	169	0	0.9050	0.9050	0.0001	0.9774	0.9774	0.0000
2023-12-11T07:55:28	1	0	81	81	0	0.9374	0.9374	0.0000	-0.993	-0.9927	-0.0003
2023-12-11T08:06:45	1	0	173	173	0	0.9206	0.9206	0.0000	0.98	0.98	0.0000
2023-12-11T08:06:51	2	0	9	9	0	0.9439	0.9441	0.0002	0.9963	0.9961	0.0002
2023-12-11T08:18:12	1	0	18	16	2	0.9571	0.9572	0.0001	0.9926	0.9926	0.0000
2023-12-11T08:22:59	1	0	138	136	2	1.0554	1.0554	0.0000	-0.9765	-0.9763	-0.0002
2023-12-11T08:29:19	1	0	17	17	0	1.0501	1.0500	0.0000	0.9998	0.9998	0.0000
2023-12-11T08:31:31	1	0	190	190	0	1.0570	1.0570	0.0000	0.9905	0.9906	-0.0001
2023-12-11T08:32:05	1	0	795	795	0	1.0818	1.0818	0.0000	0.9998	0.9998	0.0000
2023-12-11T08:36:39	1	0	11	11	0	0.9392	0.9395	0.0003	-0.9941	-0.994	-0.0001
2023-12-11T08:55:06	1	0	16	16	0	1.0476	1.0476	0.0000	0.9878	0.9878	0.0000
2023-12-11T08:59:35	1	0	139	139	0	0.9367	0.9375	0.0008	0.981	0.981	0.0000
2023-12-11T09:01:33	1	0	311	311	0	1.0588	1.0588	0.0000	0.9917	0.9918	-0.0001
2023-12-11T09:02:07	1	0	795	795	0	1.0831	1.0830	0.0000	1	1	0.0000
2023-12-11T09:03:48	2	0	2	2	0	1.0343	1.0340	-0.0002	-0.9985	-0.9985	0.0000
2023-12-11T09:03:49	1	0	14	14	0	1.0480	1.0479	-0.0001	0.9999	0.9999	0.0000
2023-12-11T09:05:17	1	0	26	25	1	1.0519	1.0518	0.0000	1	1	0.0000
2023-12-11T09:05:17	2	0	25	20	5	0.9416	0.9415	-0.0001	-0.9952	-0.995	-0.0002
2023-12-11T09:06:49	2	0	229	228	1	0.9015	0.9018	0.0003	0.948	0.948	0.0000
2023-12-11T09:06:56	2	0	3	3	0	0.9969	0.9969	-0.0001	0.9983	0.9988	-0.0005
2023-12-11T09:09:03	2	0	3	3	0	1.0354	1.0352	-0.0002	0.9777	0.9778	-0.0001
2023-12-11T09:14:22	1	0	9	9	0	1.0487	1.0487	0.0000	0.9955	0.9954	0.0001
2023-12-11T09:15:06	3	0	4	4	0	0.9673	0.9669	-0.0004	0.9998	0.9998	0.0000
2023-12-11T09:18:16	1	0	7	7	0	0.9558	0.9561	0.0003	0.9923	0.9922	0.0001
2023-12-11T09:20:09	1	0	1	1	0	1.0421	1.0418	-0.0003	-0.9998	-0.9997	-0.0001
2023-12-11T09:32:18	2	0	9	9	0	1.0511	1.0508	-0.0003	0.991	0.9906	0.0004
2023-12-11T09:32:45	2	0	84	83	1	0.9535	0.9508	-0.0027	0.9452	0.9452	0.0000
2023-12-11T09:35:13	2	0	4	3	1	0.9470	0.9491	0.0020	0.9923	0.9925	-0.0002
2023-12-11T09:35:19	9	0	24	23	1	1.0492	1.0487	-0.0004	1	1	0.0000
2023-12-11T09:35:20	1	0	21	21	0	1.0500	1.0499	-0.0001	0.9767	0.9766	0.0001
2023-12-11T09:36:21	1	0	1	1	0	0.9843	0.9845	0.0002	0.997	0.997	0.0000
2023-12-11T09:40:21	1	0	12	12	0	1.0392	1.0391	-0.0001	-1	-1	0.0000
2023-12-11T09:43:36	3	0	3	3	0	1.0333	1.0328	-0.0005	-0.9912	-0.9914	0.0002
2023-12-11T09:43:56	1	0	2	2	0	1.0446	1.0445	-0.0002	-0.9635	-0.9629	-0.0006
2023-12-11T09:44:24	2	0	14	14	0	0.9469	0.9474	0.0005	0.9907	0.9905	0.0002
2023-12-11T09:46:58	1	0	8	8	0	1.0381	1.0380	-0.0001	0.9921	0.992	0.0001
2023-12-11T09:47:17	4	0	34	31	3	1.0527	1.0525	-0.0002	0.9811	0.9811	0.0000
2023-12-11T09:48:27	4	0	11	11	0	0.9449	0.9457	0.0008	0.9223	0.9227	-0.0004
2023-12-11T09:48:36	1	0	22	19	3	1.0539	1.0537	-0.0002	0.9908	0.9907	0.0001
2023-12-11T09:48:36	3	0	3	1	2	1.0416	1.0451	0.0035	-0.9956	-0.9956	0.0000

2023-12-11T09:49:28	1	0	47	46	1	1.0529	1.0528	-0.0001	0.9999	0.9999	0.0000
2023-12-11T09:49:44	1	0	5	5	0	1.0416	1.0415	-0.0001	0.9976	0.9975	0.0001
2023-12-11T09:51:59	2	0	6	6	0	1.0224	1.0222	-0.0002	0.9982	0.9982	0.0000
2023-12-11T09:55:36	1	0	80	79	1	0.9387	0.9387	0.0001	-0.9972	-0.9971	-0.0001
2023-12-11T09:56:27	2	0	611	531	80	0.7824	0.8266	0.0443	0.7534	0.7852	-0.0318
2023-12-11T09:58:02	1	0	1	1	0	0.9924	0.9929	0.0005	0.9831	0.9832	-0.0001
2023-12-11T10:00:23	2	0	1	0	1	0.9450	null	null	0.9966	0.9966	0.0000
2023-12-11T10:01:08	1	0	1	1	0	1.0407	1.0402	-0.0005	0.9983	0.9983	0.0000
2023-12-11T10:01:33	4	0	1	1	0	1.0393	1.0385	-0.0008	0.9915	0.9981	-0.0066
2023-12-11T10:02:08	4	0	38	34	4	1.0483	1.0480	-0.0003	1	1	0.0000
2023-12-11T10:03:37	2	0	1	1	0	0.9440	0.9448	0.0008	-0.999	-0.9989	-0.0001
2023-12-11T10:03:37	3	0	9	8	1	0.9785	0.9833	0.0048	0.9906	0.9907	-0.0001
2023-12-11T10:05:22	1	0	19	18	1	1.0477	1.0477	0.0000	0.9731	0.9729	0.0002
2023-12-11T10:06:23	1	0	4	4	0	1.0082	1.0079	-0.0003	0.9974	0.9974	0.0000
2023-12-11T10:06:53	3	0	225	224	1	0.9114	0.9115	0.0000	0.949	0.9494	-0.0004
2023-12-11T10:08:03	5	0	11	11	0	1.0321	1.0319	-0.0002	0.9998	0.9998	0.0000
2023-12-11T10:08:20	5	0	77	73	4	0.9281	0.9292	0.0011	0.9977	0.9978	-0.0001
2023-12-11T10:09:07	1	0	2	2	0	1.0408	1.0405	-0.0003	0.977	0.977	0.0000
2023-12-11T10:09:39	2	0	1	0	1	1.0556	null	null	-0.9956	-0.9956	0.0000
2023-12-11T10:10:23	1	0	7	7	0	1.0385	1.0385	-0.0001	-1	-1	0.0000
2023-12-11T10:10:37	2	0	75	72	3	0.9398	0.9400	0.0003	-0.9965	-0.9961	-0.0004
2023-12-11T10:14:18	2	0	12	12	0	1.0459	1.0459	-0.0001	-0.9979	-0.9979	0.0000
2023-12-11T10:14:26	3	0	14	12	2	1.0493	1.0490	-0.0003	0.9965	0.9963	0.0002
2023-12-11T10:15:13	2	0	95	94	1	1.1634	1.1684	0.0051	-0.989	-0.9887	-0.0003
2023-12-11T10:17:09	4	0	29	28	1	1.0487	1.0483	-0.0003	0.9999	0.9999	0.0000
2023-12-11T10:21:24	2	0	9	9	0	0.9836	0.9836	0.0000	0.9985	0.9984	0.0001
2023-12-11T10:22:10	2	0	5	5	0	0.9974	0.9977	0.0003	0.9958	0.9958	0.0000
2023-12-11T10:22:23	2	0	6	6	0	0.9793	0.9793	-0.0001	0.995	0.9949	0.0001
2023-12-11T10:24:40	2	0	3	3	0	1.0531	1.0527	-0.0004	-0.9957	-0.9958	0.0001
2023-12-11T10:25:06	2	0	3	3	0	0.8776	0.8777	0.0001	0.9964	0.9964	0.0000
2023-12-11T10:26:32	1	0	257	258	-1	0.9219	0.9219	0.0000	0.9989	0.9937	0.0052
2023-12-11T10:30:24	2	0	13	11	2	0.9427	0.9428	0.0001	0.997	0.997	0.0000
2023-12-11T10:32:20	6	0	42	41	1	1.0527	1.0522	-0.0005	0.9793	0.9792	0.0001
2023-12-11T10:33:55	5	0	6	6	0	1.0368	1.0365	-0.0004	0.9986	0.9986	0.0000
2023-12-11T10:34:47	1	0	5	5	0	1.0479	1.0478	-0.0001	0.9978	0.9979	-0.0001
2023-12-11T10:35:14	3	0	15	14	1	0.9398	0.9400	0.0002	-0.9987	-0.9986	-0.0001
2023-12-11T10:35:23	7	0	30	30	0	1.0518	1.0514	-0.0003	-1	-1	0.0000
2023-12-11T10:37:11	2	0	7	8	-1	1.0114	1.0111	-0.0003	0.9966	0.9965	0.0001
2023-12-11T10:38:08	1	0	81	80	1	1.0535	1.0535	0.0000	-0.9787	-0.9786	-0.0001
2023-12-11T10:39:09	1	0	1	0	1	0.9230	null	null	0.9753	0.9753	0.0000
2023-12-11T10:40:16	1	0	11	11	0	1.0506	1.0505	-0.0001	0.9979	0.9979	0.0000
2023-12-11T10:40:39	2	0	95	93	2	0.9329	0.9332	0.0002	-0.9971	-0.997	-0.0001
2023-12-11T10:41:06	3	0	2	2	0	1.0062	1.0068	0.0006	0.9813	0.9814	-0.0001
2023-12-11T10:47:50	1	0	17	16	1	0.9836	0.9862	0.0026	0.9595	0.9594	0.0001
2023-12-11T10:48:31	2	0	4	4	0	0.9779	0.9775	-0.0004	0.9247	0.9242	0.0005
2023-12-11T10:48:44	1	0	1	1	0	1.0212	1.0208	-0.0004	0.9883	0.9882	0.0001
2023-12-11T10:48:56	1	0	6	6	0	1.0378	1.0377	-0.0001	0.9986	0.9986	0.0000
2023-12-11T10:50:15	3	0	25	24	1	0.9461	0.9464	0.0004	-0.9987	-0.9986	-0.0001
2023-12-11T10:50:24	1	0	20	20	0	1.0503	1.0502	-0.0001	-1	-1	0.0000
2023-12-11T10:50:28	1	0	29	27	2	1.0456	1.0455	-0.0001	-0.9956	-0.9956	0.0000
2023-12-11T10:52:12	1	0	7	7	0	1.0219	1.0218	-0.0001	0.9971	0.9971	0.0000
2023-12-11T10:52:41	1	0	2	2	0	1.0484	1.0483	-0.0002	0.9931	0.993	0.0001
2023-12-11T10:55:40	2	0	89	88	1	0.9374	0.9376	0.0002	-0.9967	-0.9966	-0.0001
2023-12-11T10:57:09	1	0	1	1	0	1.0325	1.0322	-0.0003	0.9738	0.9737	0.0001
2023-12-11T10:57:59	1	0	3	3	0	0.9797	0.9800	0.0003	0.9875	0.9875	0.0000
2023-12-11T11:00:16	1	0	95	94	1	1.1580	1.1621	0.0041	-0.9925	-0.9926	0.0001
2023-12-11T11:00:33	1	0	10	10	0	1.0467	1.0465	-0.0002	0.988	0.9879	0.0001
2023-12-11T11:02:12	3	0	28	28	0	1.0494	1.0491	-0.0003	0.9998	0.9998	0.0000
2023-12-11T11:02:24	1	0	7	7	0	1.0506	1.0506	-0.0001	0.9946	0.9943	0.0003
2023-12-11T11:02:26	1	0	1	1	0	1.0562	1.0551	-0.0011	0.968	0.9678	0.0002
2023-12-11T11:03:23	2	0	24	22	2	1.0489	1.0486	-0.0002	0.9717	0.9713	0.0004
2023-12-11T11:05:25	2	0	24	24	0	1.0491	1.0487	-0.0003	1	1	0.0000
2023-12-11T11:06:29	1	0	3	3	0	1.0271	1.0272	0.0001	-0.9993	-0.9993	0.0000
2023-12-11T11:06:35	1	0	2	2	0	0.9855	0.9852	-0.0003	0.847	0.8463	0.0007
2023-12-11T11:15:45	8	0	7	7	0	1.0426	1.0413	-0.0014	0.9534	0.9556	-0.0022
2023-12-11T11:16:12	3	0	12	12	0	1.0607	1.0605	-0.0002	0.9925	0.9918	0.0007
2023-12-11T11:16:49	1	0	1	1	0	1.0377	1.0372	-0.0005	0.957	0.9568	0.0002
2023-12-11T11:17:25	2	0	4	6	-2	1.0550	1.0517	-0.0034	0.9802	0.9936	-0.0134
2023-12-11T11:18:55	1	0	3	3	0	1.0382	1.0381	-0.0001	-0.9956	-0.9956	0.0000
2023-12-11T11:20:51	2	0	3	3	0	1.0628	1.0625	-0.0003	-0.999	-0.9992	0.0002
2023-12-11T11:21:38	2	0	6	6	0	1.0510	1.0509	-0.0001	-0.9968	-0.9968	0.0000
2023-12-11T11:21:47	21	0	6	4	2	0.9709	0.9915	0.0206	0.9979	0.9982	-0.0003
2023-12-11T11:24:24	1	0	388	388	0	0.9592	0.9592	0.0000	0.9729	0.9729	0.0000
2023-12-11T11:26:41	1	0	1	1	0	1.0560	1.0550	-0.0010	0.9993	0.9993	0.0000
2023-12-11T11:29:23	1	0	10	10	0	1.0459	1.0459	0.0000	-0.9995	-0.9995	0.0000
2023-12-11T11:30:15	2	0	6	6	0	0.9325	0.9325	0.0000	0.9967	0.9968	-0.0001
2023-12-11T11:31:13	3	0	13	13	0	1.0587	1.0587	0.0000	0.9933	0.9934	-0.0001
2023-12-11T11:31:43	1	0	152	152	0	1.0565	1.0566	0.0000	0.9903	0.9904	-0.0001
2023-12-11T11:32:07	1	0	14	14	0	1.0393	1.0393	0.0000	0.9919	0.9919	0.0000
2023-12-11T11:33:25	1	0	1	1	0	1.0049	1.0048	-0.0001	0.99	0.9902	-0.0002
2023-12-11T11:33:34	5	0	27	27	0	0.9492	0.9488	-0.0004	0.9278	0.9277	0.0001
2023-12-11T11:33:59	1	0	2	2	0	1.0458	1.0458	0.0000	-0.9972	-0.9972	0.0000
2023-12-11T11:35:18	1	0	2	2	0	0.9857	0.9857	0.0000	-0.9998	-0.9997	-0.0001
2023-12-11T11:35:30	2	0	10	10	0	1.0498	1.0487	-0.0011	0.9929	0.9929	0.0000
2023-12-11T11:39:13	2	0	1	1	0	0.9303	0.9303	0.0000	0.9753	0.9753	0.0000

2023-12-11T11:40:29	3	0	13	13	0	1.0420	1.0420	0.0000	-0.9996	-0.9997	0.0001
2023-12-11T11:41:34	1	0	2	2	0	1.0395	1.0394	-0.0001	0.9547	0.9547	0.0000
2023-12-11T11:43:02	1	0	1	1	0	1.0958	1.0957	-0.0001	0.9997	0.9997	0.0000
2023-12-11T11:45:16	2	0	3	3	0	0.9277	0.9277	0.0000	0.9981	0.998	0.0001
2023-12-11T11:46:22	1	0	2	2	0	1.0429	1.0428	-0.0002	-0.9751	-0.9752	0.0001
2023-12-11T11:46:44	1	0	147	147	0	1.0564	1.0564	0.0000	0.9918	0.9919	-0.0001
2023-12-11T11:46:59	1	0	47	46	1	1.0509	1.0508	-0.0001	-0.9811	-0.9811	0.0000
2023-12-11T11:47:08	1	0	6	6	0	1.0334	1.0333	-0.0001	0.9929	0.9929	0.0000
2023-12-11T11:47:27	2	0	4	4	0	1.0480	1.0471	-0.0010	0.9843	0.9837	0.0006
2023-12-11T11:58:03	1	0	2	2	0	1.0764	1.0763	-0.0001	0.9986	0.9986	0.0000
2023-12-11T11:59:34	1	0	31	30	1	1.0468	1.0465	-0.0003	-0.9977	-0.9977	0.0000
2023-12-11T12:01:15	2	0	22	22	0	1.0528	1.0529	0.0000	0.9935	0.9936	-0.0001
2023-12-11T12:01:45	1	0	149	149	0	1.0565	1.0565	0.0000	0.9907	0.9908	-0.0001
2023-12-11T12:02:00	1	0	75	74	1	1.0531	1.0531	-0.0001	-0.9814	-0.9814	0.0000
2023-12-11T12:02:26	8	0	60	59	1	1.0542	1.0542	0.0000	0.9783	0.9783	0.0000
2023-12-11T12:08:14	1	0	93	92	1	1.0545	1.0545	0.0000	-0.9841	-0.984	-0.0001
2023-12-11T12:09:15	1	0	1	1	0	0.9368	0.9369	0.0001	0.98	0.98	0.0000
2023-12-11T12:18:37	4	0	5	4	1	0.9723	0.9491	-0.0232	0.9351	0.9352	-0.0001
2023-12-11T12:19:01	1	0	5	5	0	1.0457	1.0457	0.0000	-0.9985	-0.9985	0.0000
2023-12-11T12:30:24	3	0	1	0	1	1.0564	null	null	-0.9944	-0.9944	0.0000
2023-12-11T12:37:19	1	0	6	7	-1	1.0340	1.0310	-0.0030	0.9976	0.997	0.0006
2023-12-11T12:45:20	2	0	5	5	0	0.9512	0.9514	0.0002	0.9994	0.9994	0.0000
2023-12-11T12:54:18	1	0	1	1	0	0.9362	0.9362	0.0000	0.9803	0.9804	-0.0001
2023-12-11T12:56:56	1	0	3	3	0	1.0526	1.0522	-0.0004	0.9349	0.9348	0.0001
2023-12-11T13:03:31	1	0	20	19	1	1.0480	1.0476	-0.0004	0.972	0.9719	0.0001
2023-12-11T13:12:35	1	0	5	4	1	1.0489	1.0470	-0.0019	0.9981	0.9981	0.0000
2023-12-11T13:14:58	1	0	1	1	0	0.9429	0.9433	0.0004	0.9721	0.9721	0.0000
2023-12-11T13:15:22	1	0	11	10	1	0.9633	0.9590	-0.0043	0.9971	0.9971	0.0000
2023-12-11T13:43:25	5	0	47	43	4	1.0550	1.0545	-0.0005	0.94	0.9396	0.0004
2023-12-11T13:44:24	2	0	135	132	3	1.0611	1.0608	-0.0004	-0.9381	-0.9382	0.0001
2023-12-11T14:04:13	2	0	2	2	0	1.0364	1.0363	-0.0001	-0.9937	-0.9937	0.0000
2023-12-11T14:05:02	2	0	2	2	0	0.9849	0.9849	-0.0001	0.8887	0.8895	-0.0008
2023-12-11T14:06:49	2	0	2	2	0	1.0459	1.0459	0.0000	0.9984	0.9984	0.0000
2023-12-11T14:08:19	4	0	5	6	-1	1.0324	1.0336	0.0012	0.9998	0.9998	0.0000
2023-12-11T14:09:55	1	0	2	3	-1	1.0599	1.0584	-0.0015	-0.9969	-0.9969	0.0000
2023-12-11T14:10:39	2	0	10	10	0	1.0412	1.0412	0.0000	-0.9995	-0.9995	0.0000
2023-12-11T14:14:26	2	0	120	120	0	1.0593	1.0590	-0.0003	-0.9464	-0.9463	-0.0001
2023-12-11T14:14:42	3	0	2	2	0	0.9706	0.9708	0.0001	0.991	0.991	0.0000
2023-12-11T14:15:58	7	0	1	0	1	1.0203	null	null	0.9057	0.905	0.0007
2023-12-11T14:17:37	1	0	4	4	0	1.0495	1.0495	-0.0001	0.992	0.992	0.0000
2023-12-11T14:18:45	3	0	3	3	0	0.9919	0.9920	0.0001	0.9489	0.949	-0.0001
2023-12-11T14:19:09	1	0	7	7	0	1.0432	1.0431	0.0000	-0.9976	-0.9976	0.0000
2023-12-11T14:19:16	5	0	3	3	0	1.0375	1.0375	0.0000	0.9986	0.9986	0.0000
2023-12-11T14:21:51	1	0	6	6	0	1.0175	1.0172	-0.0003	0.9591	0.9591	0.0000
2023-12-11T14:23:20	3	0	9	9	0	1.0330	1.0329	0.0000	0.9998	0.9998	0.0000
2023-12-11T14:24:34	3	0	14	13	1	1.0360	1.0362	0.0002	0.9763	0.9763	0.0000
2023-12-11T14:27:40	3	0	8	7	1	1.0439	1.0459	0.0020	0.9983	0.9983	0.0000
2023-12-11T14:28:28	6	0	207	194	13	1.0585	1.0583	-0.0001	0.9683	0.9678	0.0005
2023-12-11T14:29:27	1	0	121	121	0	1.0603	1.0602	-0.0001	-0.9488	-0.9485	-0.0003
2023-12-11T14:29:50	1	0	1	1	0	1.0344	1.0339	-0.0005	0.9845	0.9844	0.0001
2023-12-11T14:32:38	1	0	4	4	0	1.0495	1.0494	-0.0001	0.9916	0.9915	0.0001
2023-12-11T14:33:13	1	0	1	1	0	1.0554	1.0552	-0.0002	0.9216	0.9218	-0.0002
2023-12-11T14:33:46	2	0	28	28	0	0.9503	0.9503	0.0000	0.9449	0.9449	0.0000
2023-12-11T14:34:10	1	0	8	8	0	1.0434	1.0434	0.0000	-0.9977	-0.9978	0.0001
2023-12-11T14:34:15	1	0	2	2	0	1.0359	1.0356	-0.0003	-0.9964	-0.9964	0.0000
2023-12-11T14:35:22	1	0	3	3	0	1.0489	1.0488	-0.0001	0.994	0.9938	0.0002
2023-12-11T14:39:35	3	0	13	13	0	1.0340	1.0339	-0.0001	0.9804	0.9786	0.0018
2023-12-11T14:42:58	2	0	31	29	2	1.0492	1.0490	-0.0002	0.9874	0.9874	0.0000
2023-12-11T14:43:29	7	0	408	402	6	1.0605	1.0605	-0.0001	0.9721	0.9716	0.0005
2023-12-11T14:47:37	2	0	108	104	4	1.0550	1.0550	-0.0001	0.9826	0.9825	0.0001
2023-12-11T14:50:05	2	0	24	19	5	1.0531	1.0527	-0.0005	-0.9943	-0.9947	0.0004
2023-12-11T14:52:28	2	0	15	13	2	1.0470	1.0473	0.0003	-0.9931	-0.9931	0.0000
2023-12-11T14:53:22	3	0	6	6	0	1.0340	1.0340	0.0000	0.9997	0.9997	0.0000
2023-12-11T14:55:52	2	0	1	0	1	1.0085	null	null	1	1	0.0000
2023-12-11T14:55:52	2	0	1	1	0	1.0155	1.0145	-0.0010	0.9731	0.9725	0.0006
2023-12-11T14:57:42	1	0	17	17	0	1.0446	1.0431	-0.0015	0.9984	0.9993	-0.0009
2023-12-11T14:57:59	2	0	43	42	1	1.0502	1.0502	0.0000	0.9889	0.9888	0.0001
2023-12-11T14:59:52	1	0	1	1	0	1.0334	1.0334	0.0000	0.9837	0.9836	0.0001
2023-12-11T15:01:01	5	0	3	2	1	1.0454	1.0404	-0.0050	0.9635	0.9413	0.0222
2023-12-11T15:01:43	2	0	1	1	0	1.0306	1.0300	-0.0006	0.9744	0.9736	0.0008
2023-12-11T15:05:32	1	0	1	0	1	1.0572	null	null	-0.9864	-0.9864	0.0000
2023-12-11T15:07:06	4	0	11	11	0	0.9699	0.9698	-0.0001	0.9985	0.9985	0.0000
2023-12-11T15:08:46	1	0	31	30	1	1.0472	1.0469	-0.0003	-0.9933	-0.9933	0.0000
2023-12-11T15:09:37	1	0	15	15	0	1.0337	1.0337	0.0000	0.977	0.9772	-0.0002
2023-12-11T15:14:46	2	0	5	5	0	0.9551	0.9553	0.0002	0.9903	0.9903	0.0000
2023-12-11T15:16:02	1	0	1	1	0	1.0201	1.0175	-0.0026	0.9333	0.9088	0.0245
2023-12-11T15:18:59	6	0	2	2	0	1.0400	1.0387	-0.0013	-0.9972	-0.9973	0.0001
2023-12-11T15:21:55	1	0	7	7	0	1.0274	1.0273	-0.0001	0.9663	0.974	-0.0077
2023-12-11T15:45:32	3	0	7	7	0	0.9458	0.9455	-0.0002	0.9953	0.9952	0.0001
2023-12-11T15:52:09	1	0	7	7	0	1.0023	1.0023	0.0000	0.9961	0.9961	0.0000
2023-12-11T15:56:31	1	0	32	27	5	0.9625	0.9663	0.0039	0.9998	0.9998	0.0000
2023-12-11T16:01:39	1	0	1	1	0	0.9875	0.9879	0.0004	-0.991	-0.9909	-0.0001
2023-12-11T16:08:04	1	0	4	3	1	0.9618	0.9681	0.0063	0.9742	0.9744	-0.0002
2023-12-11T16:13:35	1	0	431	430	1	1.0599	1.0599	0.0000	0.9628	0.9628	0.0000
2023-12-11T16:15:10	1	0	1	1	0	0.9424	0.9430	0.0006	0.9696	0.9697	-0.0001

2023-12-11T16:23:10	1	0	2	2	0	0.9781	0.9783	0.0002	0.9784	0.9783	0.0001
2023-12-11T16:29:24	2	0	3	2	1	0.9437	0.9442	0.0005	-0.9714	-0.9703	-0.0011
2023-12-11T16:50:34	2	0	42	42	0	0.9388	0.9391	0.0003	-0.9997	-0.9997	0.0000
2023-12-11T16:58:07	1	0	48	46	2	1.0544	1.0543	-0.0001	0.9981	0.9981	0.0000
2023-12-11T17:56:39	1	0	32	32	0	0.9557	0.9558	0.0001	0.9994	0.9994	0.0000
2023-12-11T18:20:54	2	0	94	94	0	0.9338	0.9338	0.0000	0.9943	0.9945	-0.0002
2023-12-11T18:36:01	1	0	1	1	0	1.0453	1.0453	0.0000	-0.9985	-0.9985	0.0000
2023-12-12T07:51:46	1	0	279	279	0	0.8817	0.8818	0.0001	0.9495	0.9493	0.0002
2023-12-12T07:55:31	1	0	82	82	0	0.9385	0.9385	0.0000	-0.9961	-0.9958	-0.0003
2023-12-12T07:56:03	1	0	86	86	0	0.9366	0.9366	0.0001	0.9967	0.9967	0.0000
2023-12-12T07:58:05	1	0	345	345	0	1.0605	1.0605	0.0000	0.9665	0.9665	0.0000
2023-12-12T08:03:29	2	0	175	175	0	0.8865	0.8866	0.0001	0.9994	0.9994	0.0000
2023-12-12T08:06:47	1	0	218	218	0	0.8827	0.8827	0.0000	0.9494	0.9493	0.0001
2023-12-12T08:14:05	2	0	110	110	0	1.0620	1.0619	-0.0001	-0.9721	-0.9722	0.0001
2023-12-12T08:18:10	1	0	6	6	0	0.9872	0.9873	0.0001	0.991	0.9909	0.0001
2023-12-12T08:29:15	1	0	18	18	0	1.0513	1.0513	0.0000	0.9989	0.9989	0.0000
2023-12-12T08:32:06	1	0	795	795	0	1.0829	1.0829	0.0000	0.9987	0.9987	0.0000
2023-12-12T08:36:40	1	0	1	1	0	0.9341	0.9349	0.0008	-1	-1	0.0000
2023-12-12T08:58:09	4	0	647	643	4	1.0643	1.0642	-0.0001	0.9773	0.977	0.0003
2023-12-12T09:00:58	5	0	5	5	0	1.0325	1.0325	0.0000	0.9531	0.9349	0.0182
2023-12-12T09:02:08	1	0	799	799	0	1.0859	1.0859	0.0000	0.9991	0.9991	0.0000
2023-12-12T09:03:23	1	0	14	12	2	1.0467	1.0469	0.0002	-0.9964	-0.9963	-0.0001
2023-12-12T09:03:33	1	0	237	237	0	0.8813	0.8815	0.0001	0.9973	0.9973	0.0000
2023-12-12T09:03:42	2	0	5	5	0	0.9577	0.9574	-0.0002	0.9996	0.9996	0.0000
2023-12-12T09:05:18	1	0	39	37	2	1.0540	1.0539	0.0000	0.9999	0.9999	0.0000
2023-12-12T09:06:51	2	0	237	237	0	0.8973	0.8977	0.0004	0.9473	0.9473	0.0000
2023-12-12T09:10:36	3	0	92	91	1	0.9348	0.9357	0.0009	-0.9956	-0.9946	-0.0010
2023-12-12T09:14:09	1	0	49	49	0	1.0547	1.0546	-0.0002	-0.9989	-0.9989	0.0000
2023-12-12T09:14:18	1	0	3	2	1	1.0452	1.0452	0.0000	0.9958	0.9958	0.0000
2023-12-12T09:17:44	2	0	36	35	1	1.0431	1.0426	-0.0005	0.9629	0.963	-0.0001
2023-12-12T09:20:14	1	0	17	17	0	1.0471	1.0470	-0.0001	0.9719	0.9718	0.0001
2023-12-12T09:20:19	3	0	1	1	0	0.9436	0.9445	0.0009	-0.9893	-0.9887	-0.0006
2023-12-12T09:24:16	2	0	8	8	0	1.0490	1.0486	-0.0004	0.9902	0.9899	0.0003
2023-12-12T09:30:36	2	0	1	1	0	0.9764	0.9771	0.0007	0.9976	0.9977	-0.0001
2023-12-12T09:30:56	6	0	10	10	0	1.0379	1.0379	-0.0001	-0.999	-0.9991	0.0001
2023-12-12T09:33:44	2	0	5	5	0	0.9757	0.9757	-0.0001	0.9997	0.9997	0.0000
2023-12-12T09:34:39	1	0	12	12	0	1.0519	1.0517	-0.0002	0.9986	0.9985	0.0001
2023-12-12T09:35:20	4	0	21	20	1	1.0509	1.0505	-0.0005	0.9998	0.9998	0.0000
2023-12-12T09:35:39	1	0	2	2	0	0.9820	0.9817	-0.0003	-0.9949	-0.9945	-0.0004
2023-12-12T09:38:04	4	0	160	156	4	1.0576	1.0576	0.0000	-0.9836	-0.9835	-0.0001
2023-12-12T09:39:40	2	0	4	2	2	1.0507	1.0454	-0.0054	-0.998	-0.9981	0.0001
2023-12-12T09:42:41	3	0	67	64	3	1.0540	1.0538	-0.0001	0.9988	0.9989	-0.0001
2023-12-12T09:43:57	1	0	1	1	0	1.0560	1.0557	-0.0003	-0.9626	-0.9619	-0.0007
2023-12-12T09:46:36	4	0	4	3	1	1.0469	1.0460	-0.0010	-0.9888	-0.9889	0.0001
2023-12-12T09:48:26	1	0	15	15	0	1.0484	1.0483	-0.0001	-0.9943	-0.9943	0.0000
2023-12-12T09:48:36	2	0	140	140	0	0.9062	0.9065	0.0003	1	1	0.0000
2023-12-12T09:50:16	1	0	11	11	0	1.0485	1.0485	-0.0001	0.9727	0.9726	0.0001
2023-12-12T09:53:05	4	0	167	164	3	1.0577	1.0577	0.0000	-0.9816	-0.9816	0.0000
2023-12-12T09:53:18	5	0	86	85	1	0.9247	0.9257	0.0010	0.9892	0.9894	-0.0002
2023-12-12T10:00:41	7	0	15	10	5	1.0488	1.0449	-0.0040	0.9565	0.958	-0.0015
2023-12-12T10:02:09	4	0	46	46	0	1.0504	1.0501	-0.0003	0.999	0.999	0.0000
2023-12-12T10:02:47	1	0	54	53	1	1.0371	1.0371	0.0000	0.9608	0.9575	0.0033
2023-12-12T10:03:28	1	0	1	1	0	0.9403	0.9406	0.0003	0.9601	0.9601	0.0000
2023-12-12T10:03:37	3	0	148	148	0	0.9048	0.9049	0.0001	0.9997	0.9998	-0.0001
2023-12-12T10:06:55	2	0	235	234	1	0.8999	0.9000	0.0000	0.9479	0.9481	-0.0002
2023-12-12T10:08:06	2	0	202	199	3	1.0597	1.0597	0.0000	-0.9836	-0.9835	-0.0001
2023-12-12T10:10:41	1	0	3	3	0	1.0272	1.0271	-0.0001	0.9666	0.9738	-0.0072
2023-12-12T10:13:40	3	0	4	3	1	1.0364	1.0400	0.0037	-0.9951	-0.9953	0.0002
2023-12-12T10:17:10	3	0	43	43	0	1.0509	1.0507	-0.0001	0.9989	0.9989	0.0000
2023-12-12T10:17:26	5	0	2	3	-1	1.0392	1.0408	0.0016	-0.9874	-0.9876	0.0002
2023-12-12T10:17:48	2	0	50	50	0	0.9782	0.9785	0.0003	0.9581	0.9547	0.0034
2023-12-12T10:20:01	4	0	12	12	0	1.0387	1.0385	-0.0002	0.9995	0.9995	0.0000
2023-12-12T10:23:05	4	0	12	11	1	1.0301	1.0299	-0.0001	0.9989	0.9989	0.0000
2023-12-12T10:24:19	1	0	22	22	0	0.9848	0.9847	-0.0001	0.9662	0.9658	0.0004
2023-12-12T10:24:43	2	0	8	7	1	1.0514	1.0507	-0.0007	-0.9968	-0.9979	0.0011
2023-12-12T10:28:16	1	0	1	0	1	1.0216	null	null	0.9961	0.9961	0.0000
2023-12-12T10:28:39	1	0	8	8	0	1.0472	1.0470	-0.0001	0.9779	0.9778	0.0001
2023-12-12T10:29:17	2	0	28	27	1	1.0473	1.0473	0.0000	-0.9991	-0.9991	0.0000
2023-12-12T10:33:30	2	0	1	1	0	1.0571	1.0554	-0.0017	0.9662	0.9658	0.0004
2023-12-12T10:33:43	1	0	2	2	0	1.0251	1.0248	-0.0003	0.9703	0.9702	0.0001
2023-12-12T10:34:51	1	0	1	1	0	1.0564	1.0559	-0.0005	0.9275	0.9267	0.0008
2023-12-12T10:35:14	1	0	2	1	1	1.0234	1.0161	-0.0073	-0.9937	-0.9938	0.0001
2023-12-12T10:35:24	5	0	24	22	2	1.0498	1.0495	-0.0003	1	1	0.0000
2023-12-12T10:35:44	5	0	6	9	-3	1.0504	1.0514	0.0010	-0.9991	1	0.0009
2023-12-12T10:40:18	1	0	13	13	0	1.0513	1.0512	-0.0001	0.9976	0.9975	0.0001
2023-12-12T10:40:38	2	0	1	1	0	1.0071	1.0054	-0.0017	-1	-1	0.0000
2023-12-12T10:40:42	1	0	33	33	0	0.9398	0.9402	0.0003	-0.9948	-0.9947	-0.0001
2023-12-12T10:42:45	2	0	86	85	1	1.0553	1.0552	-0.0001	0.9936	0.9936	0.0000
2023-12-12T10:44:24	1	0	1	0	1	1.0550	null	null	0.9968	0.9969	-0.0001
2023-12-12T10:45:09	2	0	45	43	2	1.0521	1.0518	-0.0003	0.9858	0.9858	0.0000
2023-12-12T10:45:44	7	0	63	62	1	1.0647	1.0629	-0.0019	0.9898	0.9743	0.0155
2023-12-12T10:47:03	1	0	6	6	0	1.0395	1.0395	-0.0001	0.9946	0.9945	0.0001
2023-12-12T10:47:12	2	0	74	72	2	1.0522	1.0522	0.0000	0.9995	0.9995	0.0000
2023-12-12T10:48:53	1	0	3	3	0	1.0161	1.0160	-0.0001	-0.9982	-0.9982	0.0000
2023-12-12T10:48:57	1	0	2	2	0	1.0355	1.0354	-0.0002	-0.9977	-0.9977	0.0000

2023-12-12T10:48:59	4	0	6	6	0	1.0446	1.0441	-0.0005	0.9953	0.9952	0.0001
2023-12-12T10:50:03	2	0	16	14	2	1.0424	1.0412	-0.0012	0.9994	0.9994	0.0000
2023-12-12T10:50:20	3	0	19	18	1	1.0490	1.0484	-0.0006	0.9724	0.9717	0.0007
2023-12-12T10:50:25	4	0	22	22	0	1.0510	1.0506	-0.0003	-1	-1	0.0000
2023-12-12T10:50:28	1	0	30	29	1	1.0464	1.0464	-0.0001	-0.9965	-0.9966	0.0001
2023-12-12T10:52:44	1	0	2	2	0	1.0520	1.0519	-0.0002	0.9928	0.9926	0.0002
2023-12-12T10:53:09	3	0	245	239	6	1.0599	1.0599	0.0000	-0.9816	-0.9816	0.0000
2023-12-12T10:55:43	4	0	31	31	0	0.9448	0.9449	0.0001	-0.9954	-0.9954	0.0000
2023-12-12T10:57:38	1	0	2	1	1	1.0577	1.0553	-0.0024	-0.9811	-0.9813	0.0002
2023-12-12T10:57:46	1	0	125	124	1	1.0567	1.0567	0.0000	0.9957	0.9959	-0.0002
2023-12-12T10:58:41	1	0	17	17	0	1.0483	1.0483	0.0000	0.9742	0.9741	0.0001
2023-12-12T10:58:43	11	0	11	7	4	1.0480	1.0448	-0.0032	-0.9955	-0.9956	0.0001
2023-12-12T10:59:25	4	0	5	3	2	1.0473	1.0453	-0.0021	0.9971	0.997	0.0001
2023-12-12T11:00:10	1	0	61	59	2	1.0533	1.0532	-0.0001	0.9858	0.9858	0.0000
2023-12-12T11:00:31	1	0	21	21	0	1.0493	1.0492	-0.0001	0.9991	0.9991	0.0000
2023-12-12T11:01:50	1	0	1	0	1	1.0410	null	null	0.9993	0.9993	0.0000
2023-12-12T11:02:13	4	0	98	96	2	1.0540	1.0539	-0.0001	0.9996	0.9996	0.0000
2023-12-12T11:02:27	1	0	1	1	0	1.0580	1.0568	-0.0012	0.9738	0.9773	-0.0035
2023-12-12T11:03:31	1	0	23	22	1	1.0506	1.0506	0.0000	-0.9977	-0.9977	0.0000
2023-12-12T11:04:00	2	0	12	10	2	1.0450	1.0446	-0.0004	0.9945	0.9944	0.0001
2023-12-12T11:05:26	4	0	28	28	0	1.0531	1.0529	-0.0002	-0.9999	-1	0.0001
2023-12-12T11:05:51	2	0	2	2	0	1.0671	1.0667	-0.0005	0.9874	0.9869	0.0005
2023-12-12T11:08:10	6	0	237	234	3	1.0600	1.0600	0.0000	-0.9795	-0.9795	0.0000
2023-12-12T11:09:24	1	0	9	9	0	1.0514	1.0513	-0.0001	0.9726	0.985	-0.0124
2023-12-12T11:10:54	1	0	2	3	-1	1.0264	1.0279	0.0015	0.994	0.994	0.0000
2023-12-12T11:11:43	1	0	1	0	1	1.0553	null	null	0.9905	0.9904	0.0001
2023-12-12T11:13:44	4	0	17	10	7	1.0489	1.0444	-0.0045	-0.9945	-0.9948	0.0003
2023-12-12T11:14:20	1	0	53	51	2	1.0516	1.0515	-0.0002	-0.9974	-0.9974	0.0000
2023-12-12T11:14:26	3	0	10	10	0	1.0494	1.0492	-0.0002	0.9968	0.9967	0.0001
2023-12-12T11:15:11	1	0	55	54	1	1.0533	1.0533	-0.0001	0.9856	0.9856	0.0000
2023-12-12T11:16:03	5	0	12	12	0	1.0439	1.0434	-0.0004	-1	1	0.0000
2023-12-12T11:16:25	1	0	1	0	1	1.0259	null	null	0.9668	0.9661	0.0007
2023-12-12T11:17:14	1	0	88	87	1	1.0531	1.0531	0.0000	0.9995	0.9995	0.0000
2023-12-12T11:18:12	2	0	3	3	0	0.9472	0.9481	0.0009	0.9808	0.9809	-0.0001
2023-12-12T11:18:33	1	0	48	45	3	1.0611	1.0602	-0.0009	0.972	0.9717	0.0003
2023-12-12T11:18:42	2	0	111	111	0	0.9191	0.9192	0.0001	0.9999	0.9999	0.0000
2023-12-12T11:20:05	3	0	17	16	1	1.0532	1.0527	-0.0004	0.9967	0.9964	0.0003
2023-12-12T11:22:46	1	0	2	2	0	1.0514	1.0512	-0.0002	0.9935	0.9934	0.0001
2023-12-12T11:23:11	7	0	271	266	5	1.0606	1.0606	0.0000	-0.9778	-0.9778	0.0000
2023-12-12T11:26:44	1	0	2	2	0	1.0560	1.0559	-0.0001	0.9915	0.9914	0.0001
2023-12-12T11:26:51	1	0	5	4	1	1.0557	1.0542	-0.0015	0.9334	0.9332	0.0002
2023-12-12T11:28:02	1	0	2	2	0	1.0138	1.0140	0.0002	0.9908	0.9908	0.0000
2023-12-12T11:29:38	1	0	1	0	1	1.0353	null	null	0.981	0.981	0.0000
2023-12-12T11:30:47	6	0	10	10	0	1.0463	1.0462	-0.0001	0.9891	0.9892	-0.0001
2023-12-12T11:31:08	3	0	7	7	0	1.0331	1.0331	0.0000	0.934	0.9337	0.0003
2023-12-12T11:32:31	4	0	1	1	0	1.0444	1.0444	0.0000	-0.9789	-0.9788	-0.0001
2023-12-12T11:32:53	2	0	33	32	1	1.0522	1.0521	-0.0001	0.9643	0.9643	0.0000
2023-12-12T11:32:59	1	0	1	1	0	1.0582	1.0578	-0.0004	0.9012	0.9009	0.0003
2023-12-12T11:33:33	3	0	51	48	3	1.0580	1.0570	-0.0010	-0.9922	-0.9923	0.0001
2023-12-12T11:33:52	3	0	3	3	0	0.9287	0.9287	0.0000	0.994	0.994	0.0000
2023-12-12T11:35:18	4	0	8	8	0	0.9373	0.9375	0.0002	-0.9955	-0.9954	-0.0001
2023-12-12T11:35:20	2	0	1	1	0	1.0388	1.0379	-0.0009	0.9887	0.9884	0.0003
2023-12-12T11:38:25	4	0	5	6	-1	0.9417	0.9420	0.0003	0.9925	0.9924	0.0001
2023-12-12T11:39:57	1	0	64	64	0	1.0489	1.0489	0.0000	0.9999	0.9999	0.0000
2023-12-12T11:40:46	4	0	35	35	0	0.9399	0.9399	0.0001	-0.9936	-0.9933	-0.0003
2023-12-12T11:41:49	3	0	50	48	2	1.0571	1.0568	-0.0003	0.9992	0.9992	0.0000
2023-12-12T11:43:03	1	0	1	1	0	1.0905	1.0905	0.0000	0.9928	0.9927	0.0001
2023-12-12T11:45:13	1	0	52	51	1	1.0530	1.0529	-0.0001	0.9858	0.9858	0.0000
2023-12-12T11:46:09	3	0	9	9	0	1.0355	1.0355	0.0000	0.9357	0.9353	0.0004
2023-12-12T11:46:44	5	0	1	0	1	1.0552	null	null	-0.9953	-0.9953	0.0000
2023-12-12T11:46:53	1	0	1	1	0	1.0558	1.0554	-0.0004	0.9994	0.9993	0.0001
2023-12-12T11:47:32	3	0	3	3	0	1.0451	1.0450	-0.0001	-0.9777	-0.9775	-0.0002
2023-12-12T11:47:54	2	0	31	31	0	1.0559	1.0558	-0.0001	0.9707	0.9705	0.0002
2023-12-12T11:48:53	2	0	3	3	0	0.9267	0.9267	0.0000	0.9959	0.9959	0.0000
2023-12-12T11:49:21	1	0	15	14	1	1.0541	1.0539	-0.0003	0.9975	0.9975	0.0000
2023-12-12T11:54:58	2	0	69	68	1	1.0492	1.0491	-0.0001	0.9999	0.9999	0.0000
2023-12-12T11:55:47	5	0	25	24	1	0.9461	0.9463	0.0002	-0.9924	-0.9919	-0.0005
2023-12-12T11:57:38	3	0	22	19	3	1.0496	1.0483	-0.0013	-0.9999	-0.9995	-0.0004
2023-12-12T11:57:45	1	0	27	26	1	1.0497	1.0494	-0.0003	-0.9993	-0.9993	0.0000
2023-12-12T12:01:10	3	0	4	4	0	1.0313	1.0313	0.0000	0.9401	0.9188	0.0213
2023-12-12T12:01:45	3	0	1	1	0	1.0559	1.0558	-0.0001	-0.9946	-0.9945	-0.0001
2023-12-12T12:04:19	1	0	14	13	1	1.0494	1.0490	-0.0005	0.9887	0.9887	0.0000
2023-12-12T12:05:20	4	0	1	0	1	1.0593	null	null	-0.9973	-0.9974	0.0001
2023-12-12T12:08:27	4	0	2	3	-1	0.9422	0.9426	0.0004	0.9974	0.9973	0.0001
2023-12-12T12:13:05	1	0	2	2	0	1.0776	1.0775	-0.0001	0.9979	0.9979	0.0000
2023-12-12T12:17:29	4	0	32	32	0	1.0498	1.0498	0.0000	0.9885	0.9885	0.0000
2023-12-12T12:18:02	1	0	1	1	0	1.0424	1.0424	0.0000	0.9094	0.9095	-0.0001
2023-12-12T12:18:55	1	0	1	1	0	0.9189	0.9189	0.0000	0.995	0.995	0.0000
2023-12-12T12:32:35	2	0	4	4	0	1.0463	1.0463	0.0000	-0.9772	-0.977	-0.0002
2023-12-12T12:40:50	3	0	40	40	0	0.9418	0.9419	0.0000	-0.9909	-0.9907	-0.0002
2023-12-12T13:00:50	2	0	2	2	0	1.0121	1.0120	-0.0002	0.9917	0.9915	0.0002
2023-12-12T13:01:58	1	0	1	0	1	1.0559	null	null	0.9995	0.9995	0.0000
2023-12-12T13:02:17	3	0	11	10	1	1.0525	1.0520	-0.0004	0.9969	0.9969	0.0000
2023-12-12T13:03:05	1	0	1	0	1	1.0566	null	null	0.8907	0.8903	0.0004
2023-12-12T13:42:49	1	0	9	8	1	1.0552	1.0541	-0.0011	-0.9671	-0.9672	0.0001

2023-12-12T13:47:01	1	0	2	2	0	1.0383	1.0381	-0.0002	0.9995	0.9995	0.0000
2023-12-12T13:47:35	2	0	32	31	1	1.0502	1.0500	-0.0002	0.9887	0.9887	0.0000
2023-12-12T14:02:36	3	0	38	37	1	1.0513	1.0511	-0.0001	0.9894	0.9894	0.0000
2023-12-12T14:05:06	2	0	88	86	2	1.0584	1.0578	-0.0006	-0.9905	-0.9914	0.0009
2023-12-12T14:08:35	3	0	2	2	0	0.9436	0.9439	0.0003	0.9951	0.9951	0.0000
2023-12-12T14:12:47	2	0	14	14	0	1.0484	1.0484	0.0000	0.9998	0.9998	0.0000
2023-12-12T14:15:44	2	0	29	29	0	1.0493	1.0492	-0.0001	0.9984	0.9984	0.0000
2023-12-12T14:15:59	4	0	66	66	0	1.0633	1.0625	-0.0008	0.9777	0.9912	-0.0135
2023-12-12T14:16:15	10	0	7	8	-1	1.0349	1.0320	-0.0029	0.9984	0.9984	0.0000
2023-12-12T14:17:37	3	0	40	39	1	1.0515	1.0514	-0.0001	0.9904	0.9904	0.0000
2023-12-12T14:18:45	2	0	1	1	0	1.0636	1.0578	-0.0058	0.9478	0.9479	-0.0001
2023-12-12T14:19:13	4	0	10	10	0	1.0447	1.0447	0.0000	0.9964	0.9964	0.0000
2023-12-12T14:20:07	2	0	88	87	1	1.0578	1.0577	-0.0002	-0.9902	-0.9911	0.0009
2023-12-12T14:23:36	2	0	14	13	1	0.9470	0.9474	0.0003	0.9948	0.9948	0.0000
2023-12-12T14:25:46	1	0	4	4	0	1.0200	1.0198	-0.0002	0.9882	0.987	0.0012
2023-12-12T14:25:57	4	0	7	10	-3	0.9569	0.9527	-0.0041	-0.9924	-0.9927	0.0003
2023-12-12T14:29:33	1	0	34	34	0	1.0482	1.0482	0.0000	-0.9944	-0.9944	0.0000
2023-12-12T14:31:00	4	0	13	14	-1	1.0506	1.0502	-0.0004	0.9854	0.985	0.0004
2023-12-12T14:31:16	5	0	7	7	0	1.0336	1.0334	-0.0001	0.9974	0.9973	0.0001
2023-12-12T14:31:38	1	0	1	1	0	1.0299	1.0298	-0.0001	0.9698	0.9693	0.0005
2023-12-12T14:33:45	1	0	49	48	1	1.0562	1.0562	0.0000	-0.9971	-0.9971	0.0000
2023-12-12T14:33:46	1	0	1	1	0	1.0559	1.0556	-0.0003	0.947	0.947	0.0000
2023-12-12T14:34:14	2	0	24	24	0	1.0488	1.0487	0.0000	0.9975	0.997	0.0005
2023-12-12T14:34:33	1	0	41	40	1	1.0501	1.0499	-0.0002	-0.9802	-0.9802	0.0000
2023-12-12T14:35:08	1	0	88	86	2	1.0580	1.0579	0.0000	-0.9891	-0.9899	0.0008
2023-12-12T14:37:21	2	0	18	18	0	1.0496	1.0496	-0.0001	0.9738	0.9736	0.0002
2023-12-12T14:38:22	1	0	11	11	0	1.0345	1.0345	0.0000	0.9983	0.9983	0.0000
2023-12-12T14:45:46	3	0	25	23	2	1.0501	1.0505	0.0003	0.9871	0.9868	0.0003
2023-12-12T14:47:30	2	0	114	112	2	1.0540	1.0540	0.0000	0.9962	0.9962	0.0000
2023-12-12T14:47:39	3	0	34	33	1	1.0516	1.0515	-0.0001	0.9829	0.9829	0.0000
2023-12-12T14:57:44	2	0	97	97	0	1.0531	1.0531	0.0000	0.9962	0.9961	0.0001
2023-12-12T15:01:02	1	0	7	7	0	1.0392	1.0392	0.0000	0.9645	0.9826	-0.0181
2023-12-12T15:01:18	5	0	8	8	0	1.0313	1.0310	-0.0002	0.9982	0.9981	0.0001
2023-12-12T15:03:47	1	0	103	101	2	1.0581	1.0579	-0.0001	-0.9916	-0.9918	0.0002
2023-12-12T15:06:44	2	0	3	3	0	1.0407	1.0405	-0.0002	-1	-1	0.0000
2023-12-12T15:07:23	1	0	26	25	1	1.0491	1.0497	0.0006	0.977	0.9769	0.0001
2023-12-12T15:12:03	2	0	40	40	0	1.0559	1.0558	-0.0001	0.9998	0.9998	0.0000
2023-12-12T15:16:03	1	0	62	62	0	1.0682	1.0672	-0.0010	0.9918	0.9913	0.0005
2023-12-12T15:22:06	6	0	1	0	1	1.0393	null	null	0.9879	0.988	-0.0001
2023-12-12T15:31:04	1	0	61	61	0	1.0683	1.0677	-0.0006	0.9681	0.9685	-0.0004
2023-12-12T15:33:50	4	0	3	2	1	0.9912	1.0001	0.0089	0.9518	0.9522	-0.0004
2023-12-12T15:34:18	2	0	31	29	2	1.0469	1.0469	0.0000	0.9974	0.9974	0.0000
2023-12-12T15:46:41	1	0	1	1	0	0.9948	0.9952	0.0004	-0.9837	-0.9832	-0.0005
2023-12-12T15:48:51	3	0	2	2	0	0.9557	0.9558	0.0001	0.9543	0.9542	0.0001
2023-12-12T15:49:09	2	0	3	3	0	0.9792	0.9787	-0.0005	0.9976	0.9975	0.0001
2023-12-12T15:52:08	3	0	2	2	0	1.0215	1.0207	-0.0009	0.9863	0.9862	0.0001
2023-12-12T16:08:53	1	0	1	1	0	1.0421	1.0421	0.0000	0.9961	0.9961	0.0000
2023-12-12T16:37:11	3	0	3	3	0	0.9525	0.9537	0.0012	0.9871	0.9871	0.0000
2023-12-12T16:44:25	2	0	5	5	0	0.9428	0.9435	0.0007	-0.9681	-0.9671	-0.0010
2023-12-12T16:54:47	1	0	5	5	0	1.0045	1.0049	0.0004	0.9904	0.9905	-0.0001
2023-12-12T17:18:46	1	0	24	20	4	0.9484	0.9486	0.0002	0.9908	0.9912	-0.0004
2023-12-12T17:20:24	2	0	101	100	1	0.9172	0.9175	0.0003	0.9976	0.9976	0.0000
2023-12-12T18:20:47	1	0	77	76	1	0.9399	0.9399	0.0000	0.9803	0.9802	0.0001
2023-12-13T07:51:48	1	0	117	117	0	0.9215	0.9215	0.0000	0.9765	0.9764	0.0001
2023-12-13T08:05:16	3	0	92	89	3	0.9478	0.9480	0.0002	-0.9728	-0.9715	-0.0013
2023-12-13T08:06:49	1	0	131	131	0	0.9149	0.9149	0.0001	0.9732	0.9731	0.0001
2023-12-13T08:10:34	1	0	70	69	1	0.9410	0.9411	0.0000	-0.9921	-0.9917	-0.0004
2023-12-13T08:11:03	1	0	28	28	0	0.9589	0.9590	0.0001	0.9987	0.9987	0.0000
2023-12-13T08:13:08	1	0	219	218	1	1.0578	1.0578	0.0000	0.9507	0.9507	0.0000
2023-12-13T08:14:06	2	0	92	92	0	1.0562	1.0561	-0.0001	-0.9585	-0.958	-0.0005
2023-12-13T08:17:10	2	0	795	795	0	1.0837	1.0837	0.0000	0.9981	0.9981	0.0000
2023-12-13T08:18:13	1	0	72	69	3	0.9644	0.9646	0.0002	0.9886	0.989	-0.0004
2023-12-13T08:18:34	2	0	237	236	1	0.8817	0.8819	0.0001	-1	-1	0.0000
2023-12-13T08:20:17	1	0	176	176	0	0.9361	0.9361	0.0000	-0.9867	-0.9864	-0.0003
2023-12-13T08:27:22	1	0	231	231	0	1.0563	1.0563	0.0000	-0.9908	-0.9908	0.0000
2023-12-13T08:28:09	1	0	270	270	0	1.0588	1.0588	0.0000	0.9567	0.9567	0.0000
2023-12-13T08:29:18	1	0	11	11	0	1.0488	1.0488	0.0000	0.9993	0.9993	0.0000
2023-12-13T08:35:18	1	0	166	166	0	0.9361	0.9361	0.0000	-1	-1	0.0000
2023-12-13T08:51:44	1	0	3	3	0	0.9399	0.9403	0.0004	-0.9982	-0.9981	-0.0001
2023-12-13T08:58:11	1	0	259	258	1	1.0586	1.0586	0.0000	0.9434	0.9433	0.0001
2023-12-13T08:58:38	3	0	2	2	0	1.0238	1.0231	-0.0007	-1	-1	0.0000
2023-12-13T09:00:09	3	0	6	6	0	0.9798	0.9795	-0.0003	0.9999	0.9999	0.0000
2023-12-13T09:02:13	1	0	799	799	0	1.0841	1.0841	0.0000	0.9995	0.9995	0.0000
2023-12-13T09:03:37	1	0	265	265	0	0.8777	0.8777	0.0000	0.9998	0.9998	0.0000
2023-12-13T09:06:53	1	0	74	69	5	0.9272	0.9275	0.0003	0.9809	0.9805	0.0004
2023-12-13T09:12:40	2	0	174	170	4	1.0577	1.0576	-0.0001	-0.9998	-0.9997	-0.0001
2023-12-13T09:13:12	5	0	741	740	1	1.0669	1.0668	0.0000	0.9581	0.9578	0.0003
2023-12-13T09:14:10	1	0	111	111	0	1.0576	1.0576	0.0000	-0.9576	-0.9572	-0.0004
2023-12-13T09:14:21	1	0	12	12	0	1.0485	1.0485	0.0000	0.9954	0.9953	0.0001
2023-12-13T09:17:19	4	0	61	60	1	1.0535	1.0535	0.0000	0.9809	0.9808	0.0001
2023-12-13T09:20:21	2	0	129	127	2	0.9403	0.9404	0.0000	-0.9994	-0.9994	0.0000
2023-12-13T09:24:23	2	0	8	8	0	1.0500	1.0497	-0.0004	0.9944	0.9942	0.0002
2023-12-13T09:25:35	2	0	1	0	1	1.0099	null	null	0.9994	0.9994	0.0000
2023-12-13T09:27:41	2	0	219	215	4	1.0593	1.0593	-0.0001	-0.9998	-0.9998	0.0000
2023-12-13T09:31:02	1	0	12	12	0	1.0438	1.0438	0.0000	-0.9998	-0.9998	0.0000

2023-12-13T09:35:19	1	0	15	14	1	1.0487	1.0489	0.0001	0.9758	0.9757	0.0001
2023-12-13T09:36:44	6	0	8	8	0	1.0328	1.0325	-0.0004	0.9999	0.9999	0.0000
2023-12-13T09:39:43	2	0	4	4	0	1.0538	1.0512	-0.0026	-0.9968	-0.9968	0.0000
2023-12-13T09:40:42	1	0	406	406	0	0.8954	0.8957	0.0002	0.9449	0.9341	0.0108
2023-12-13T09:44:02	1	0	1	1	0	1.0558	1.0554	-0.0004	-0.959	-0.9585	-0.0005
2023-12-13T09:45:43	7	0	59	59	0	1.0625	1.0616	-0.0009	0.9947	0.9948	-0.0001
2023-12-13T09:46:02	1	0	13	13	0	1.0431	1.0430	-0.0001	-0.9998	-0.9998	0.0000
2023-12-13T09:46:39	4	0	4	4	0	1.0476	1.0469	-0.0007	-0.9894	-0.9896	0.0002
2023-12-13T09:47:01	1	0	19	19	0	1.0444	1.0444	0.0000	0.991	0.9909	0.0001
2023-12-13T09:47:21	2	0	82	80	2	1.0549	1.0549	0.0000	0.9816	0.9816	0.0000
2023-12-13T09:47:49	2	0	64	63	1	0.9801	0.9786	-0.0015	0.9585	0.9585	0.0000
2023-12-13T09:48:31	1	0	13	13	0	1.0483	1.0482	-0.0001	-0.9898	-0.9899	0.0001
2023-12-13T09:48:40	1	0	224	224	0	0.8857	0.8860	0.0003	0.9992	0.9992	0.0000
2023-12-13T09:48:57	2	0	18	17	1	1.0477	1.0478	0.0001	-0.9999	-0.9999	0.0000
2023-12-13T09:50:20	2	0	18	17	1	1.0538	1.0535	-0.0003	0.98	0.9745	0.0055
2023-12-13T09:50:26	8	0	28	27	1	1.0521	1.0514	-0.0007	-0.9998	-0.9999	0.0001
2023-12-13T09:57:11	1	0	1	1	0	1.0462	1.0462	0.0000	0.9742	0.9742	0.0000
2023-12-13T09:59:24	4	0	23	19	4	1.0506	1.0493	-0.0013	0.9969	0.9968	0.0001
2023-12-13T10:00:41	3	0	3	3	0	1.0131	1.0134	0.0003	0.9981	0.9982	-0.0001
2023-12-13T10:00:44	5	0	2	2	0	1.0214	1.0197	-0.0017	0.9629	0.9607	0.0022
2023-12-13T10:01:04	2	0	1	1	0	1.0403	1.0396	-0.0007	0.9886	0.9883	0.0003
2023-12-13T10:01:55	1	0	49	47	2	1.0533	1.0532	-0.0002	-0.988	-0.9881	0.0001
2023-12-13T10:02:22	1	0	117	115	2	1.0555	1.0555	0.0000	0.9811	0.9811	0.0000
2023-12-13T10:02:50	2	0	64	62	2	0.9798	0.9786	-0.0013	0.9581	0.9582	-0.0001
2023-12-13T10:03:41	1	0	203	199	4	0.8873	0.8874	0.0001	0.9988	0.9988	0.0000
2023-12-13T10:04:57	2	0	5	5	0	1.0427	1.0426	-0.0001	0.9981	0.9981	0.0000
2023-12-13T10:05:21	1	0	24	22	2	1.0500	1.0503	0.0003	0.9759	0.9758	0.0001
2023-12-13T10:05:27	4	0	36	31	5	1.0540	1.0537	-0.0003	-0.9995	-0.9995	0.0000
2023-12-13T10:05:28	2	0	35	34	1	1.0471	1.0470	-0.0001	-0.9962	-0.9962	0.0000
2023-12-13T10:06:46	2	0	8	8	0	1.0396	1.0396	-0.0001	0.9992	0.9992	0.0000
2023-12-13T10:07:38	7	0	47	42	5	1.0501	1.0498	-0.0003	0.9996	0.9995	0.0001
2023-12-13T10:08:21	5	0	87	85	2	0.9247	0.9258	0.0011	0.9892	0.9895	-0.0003
2023-12-13T10:13:37	1	0	8	8	0	1.0439	1.0437	-0.0001	0.9791	0.979	0.0001
2023-12-13T10:14:18	2	0	20	20	0	1.0471	1.0471	0.0000	-0.999	-0.999	0.0000
2023-12-13T10:17:51	1	0	53	52	1	0.9699	0.9680	-0.0019	0.9518	0.9518	0.0000
2023-12-13T10:19:00	3	0	4	4	0	1.0419	1.0417	-0.0002	0.9975	0.9975	0.0000
2023-12-13T10:19:51	1	0	14	14	0	1.0504	1.0503	-0.0001	0.9977	0.9972	0.0005
2023-12-13T10:21:58	2	0	103	99	4	0.9250	0.9251	0.0001	0.965	0.9645	0.0005
2023-12-13T10:22:39	3	0	45	40	5	1.0505	1.0504	-0.0001	0.9996	0.9996	0.0000
2023-12-13T10:27:35	1	0	3	2	1	1.0496	1.0458	-0.0038	-0.9653	-0.9654	0.0001
2023-12-13T10:32:25	1	0	1	0	1	1.0556	null	null	0.9732	0.9731	0.0001
2023-12-13T10:34:47	1	0	8	8	0	1.0500	1.0497	-0.0003	0.9987	0.9986	0.0001
2023-12-13T10:35:29	6	0	29	30	-1	1.0531	1.0529	-0.0002	-0.9997	-0.9997	0.0000
2023-12-13T10:36:52	1	0	2	2	0	1.0211	1.0206	-0.0006	0.9691	0.9691	0.0000
2023-12-13T10:38:07	3	0	10	10	0	1.0333	1.0331	-0.0002	0.9996	0.9996	0.0000
2023-12-13T10:39:32	1	0	7	7	0	1.0434	1.0433	-0.0001	0.9928	0.9945	-0.0017
2023-12-13T10:39:56	1	0	19	19	0	1.0471	1.0471	0.0000	0.9984	0.9984	0.0000
2023-12-13T10:40:21	1	0	8	8	0	1.0483	1.0481	-0.0002	0.9957	0.9956	0.0001
2023-12-13T10:40:44	3	0	27	29	-2	0.9489	0.9410	-0.0079	-0.9926	-0.9944	0.0018
2023-12-13T10:40:56	1	0	2	2	0	1.0249	1.0247	-0.0002	0.9889	0.9888	0.0001
2023-12-13T10:46:06	1	0	13	13	0	1.0430	1.0429	-0.0001	-1	-1	0.0000
2023-12-13T10:48:35	2	0	4	4	0	1.0036	1.0035	-0.0002	0.9586	0.9587	-0.0001
2023-12-13T10:48:47	1	0	1	1	0	1.0201	1.0197	-0.0004	0.9953	0.9952	0.0001
2023-12-13T10:48:57	1	0	4	4	0	1.0405	1.0404	-0.0001	-0.9979	-0.9979	0.0000
2023-12-13T10:49:01	1	0	4	4	0	1.0404	1.0403	-0.0001	0.9981	0.9981	0.0000
2023-12-13T10:50:07	2	0	16	14	2	1.0528	1.0523	-0.0004	0.9981	0.998	0.0001
2023-12-13T10:50:27	1	0	11	11	0	0.9471	0.9472	0.0001	-0.9951	-0.9949	-0.0002
2023-12-13T10:50:31	2	0	30	30	0	1.0468	1.0468	0.0000	-0.9948	-0.9948	0.0000
2023-12-13T10:52:41	4	0	59	57	2	1.0517	1.0516	-0.0001	1	0.9999	0.0001
2023-12-13T10:52:44	1	0	1	1	0	1.0567	1.0563	-0.0004	0.9941	0.994	0.0001
2023-12-13T10:53:08	2	0	5	5	0	1.0338	1.0337	-0.0001	0.9997	0.9997	0.0000
2023-12-13T10:54:22	1	0	23	23	0	1.0457	1.0457	0.0000	0.9646	0.9684	-0.0038
2023-12-13T10:55:34	1	0	10	10	0	1.0391	1.0391	0.0000	0.9797	0.9796	0.0001
2023-12-13T10:55:45	3	0	31	30	1	0.9448	0.9447	0.0000	-0.9933	-0.9933	0.0000
2023-12-13T10:57:32	1	0	56	55	1	1.0472	1.0471	-0.0001	0.9972	0.9972	0.0000
2023-12-13T10:58:19	2	0	246	243	3	1.0590	1.0589	-0.0001	0.9304	0.9296	0.0008
2023-12-13T10:58:40	1	0	10	10	0	1.0455	1.0455	0.0000	0.9755	0.9754	0.0001
2023-12-13T11:00:37	4	0	33	31	2	1.0515	1.0510	-0.0004	0.9905	0.9903	0.0002
2023-12-13T11:01:07	1	0	14	14	0	1.0450	1.0449	-0.0001	-0.9999	-0.9999	0.0000
2023-12-13T11:02:07	1	0	3	3	0	1.0150	1.0151	0.0001	0.9922	0.9922	0.0000
2023-12-13T11:02:26	2	0	42	40	2	1.0536	1.0535	-0.0001	0.9809	0.9809	0.0000
2023-12-13T11:02:54	1	0	67	66	1	0.9878	0.9865	-0.0012	0.946	0.946	0.0000
2023-12-13T11:04:51	2	0	2	2	0	1.0325	1.0324	-0.0001	0.9639	0.9638	0.0001
2023-12-13T11:05:26	2	0	24	24	0	1.0503	1.0502	-0.0001	0.9724	0.9719	0.0005
2023-12-13T11:05:31	3	0	45	44	1	1.0565	1.0563	-0.0002	-0.9996	-0.9999	0.0003
2023-12-13T11:08:09	1	0	7	7	0	1.0322	1.0322	0.0000	0.9996	0.9997	-0.0001
2023-12-13T11:11:47	1	0	2	2	0	1.0318	1.0313	-0.0004	0.9806	0.9805	0.0001
2023-12-13T11:11:52	1	0	32	31	1	1.0547	1.0546	-0.0001	0.9995	0.9995	0.0000
2023-12-13T11:14:29	1	0	20	20	0	1.0515	1.0515	0.0000	0.9959	0.9959	0.0000
2023-12-13T11:16:08	3	0	13	13	0	1.0434	1.0430	-0.0003	-0.9999	-0.9999	0.0000
2023-12-13T11:16:28	1	0	1	0	1	1.0281	null	null	0.9719	0.9713	0.0006
2023-12-13T11:16:45	6	0	6	4	2	1.0504	1.0489	-0.0015	-0.9859	-0.9863	0.0004
2023-12-13T11:18:25	1	0	4	4	0	1.0088	1.0088	-0.0001	0.9891	0.9892	-0.0001
2023-12-13T11:19:04	5	0	11	10	1	1.0441	1.0425	-0.0016	0.9984	0.9984	0.0000
2023-12-13T11:20:21	3	0	2	2	0	1.0263	1.0258	-0.0005	-0.9915	-0.9915	0.0000

2023-12-13T11:20:55	2	0	6	6	0	1.0517	1.0514	-0.0002	0.9987	0.9986	0.0001
2023-12-13T11:24:31	1	0	11	11	0	1.0531	1.0530	-0.0001	0.9798	0.979	0.0008
2023-12-13T11:24:50	3	0	6	5	1	1.0567	1.0560	-0.0006	-0.9966	-0.9977	0.0011
2023-12-13T11:26:45	1	0	2	2	0	1.0566	1.0562	-0.0003	0.9924	0.9922	0.0002
2023-12-13T11:26:53	2	0	40	38	2	1.0554	1.0552	-0.0002	0.9997	0.9997	0.0000
2023-12-13T11:26:58	1	0	5	4	1	1.0564	1.0548	-0.0015	0.9331	0.9328	0.0003
2023-12-13T11:29:23	2	0	43	42	1	1.0501	1.0499	-0.0002	-0.9985	-0.9985	0.0000
2023-12-13T11:30:19	2	0	11	11	0	0.9344	0.9344	0.0000	0.9923	0.9923	0.0000
2023-12-13T11:31:43	3	0	1	1	0	1.0391	1.0381	-0.0010	0.9834	0.9943	-0.0109
2023-12-13T11:33:26	1	0	2	2	0	1.0246	1.0246	0.0000	0.9924	0.9921	0.0003
2023-12-13T11:35:22	3	0	2	2	0	1.0250	1.0243	-0.0007	-0.9896	-0.9897	0.0001
2023-12-13T11:35:34	4	0	35	35	0	1.0497	1.0497	0.0000	-0.9946	-0.9946	0.0000
2023-12-13T11:39:36	1	0	24	24	0	1.0477	1.0477	0.0000	0.9938	0.9938	0.0000
2023-12-13T11:40:44	1	0	1	1	0	1.0115	1.0107	-0.0008	0.9998	0.9998	0.0000
2023-12-13T11:42:40	1	0	1	1	0	1.0581	1.0581	0.0000	-0.9793	-0.9793	0.0000
2023-12-13T11:45:20	1	0	11	11	0	0.9347	0.9348	0.0001	0.9925	0.9925	0.0000
2023-12-13T11:47:57	1	0	45	45	0	1.0562	1.0562	0.0000	0.9557	0.9558	-0.0001
2023-12-13T11:50:04	3	0	5	3	2	1.0502	1.0458	-0.0044	0.9988	0.9988	0.0000
2023-12-13T11:50:23	2	0	2	2	0	0.9422	0.9423	0.0001	-0.9929	-0.9928	-0.0001
2023-12-13T11:50:35	5	0	42	41	1	1.0487	1.0488	0.0000	-0.994	-0.994	0.0000
2023-12-13T11:54:37	1	0	25	25	0	1.0467	1.0467	0.0000	0.9938	0.9938	0.0000
2023-12-13T11:54:52	2	0	6	6	0	1.0576	1.0575	-0.0002	-0.996	-0.996	0.0000
2023-12-13T11:57:41	2	0	80	80	0	1.1070	1.1060	-0.0010	-0.9892	-0.9878	-0.0014
2023-12-13T12:00:21	1	0	1	1	0	0.9223	0.9224	0.0001	0.9978	0.9978	0.0000
2023-12-13T12:05:05	1	0	4	4	0	1.0478	1.0478	0.0000	0.9986	0.9986	0.0000
2023-12-13T12:05:36	3	0	49	48	1	1.0521	1.0521	0.0000	-0.9922	-0.9921	-0.0001
2023-12-13T12:12:42	1	0	82	82	0	1.0678	1.0678	0.0000	-0.9878	-0.9908	0.0030
2023-12-13T12:19:24	1	0	22	21	1	1.0472	1.0468	-0.0004	0.9888	0.9888	0.0000
2023-12-13T12:20:25	3	0	4	4	0	1.0304	1.0304	0.0000	-0.9751	-0.9751	0.0000
2023-12-13T12:25:00	2	0	36	35	1	1.0515	1.0513	-0.0002	-0.9874	-0.9874	0.0000
2023-12-13T12:30:23	1	0	3	3	0	0.9304	0.9304	0.0000	0.9912	0.9913	-0.0001
2023-12-13T12:50:08	1	0	13	13	0	1.0488	1.0478	-0.0010	0.9984	0.9984	0.0000
2023-12-13T12:50:53	1	0	2	2	0	0.9870	0.9865	-0.0005	-0.9981	-0.9979	-0.0002
2023-12-13T13:05:28	1	0	2	2	0	0.9380	0.9380	0.0000	-0.9959	-0.9959	0.0000
2023-12-13T13:09:57	1	0	5	6	-1	1.0569	1.0567	-0.0002	-0.9963	-0.9963	0.0000
2023-12-13T13:38:50	1	0	106	105	1	1.0529	1.0529	0.0000	0.9908	0.9908	0.0000
2023-12-13T13:50:43	3	0	65	63	2	1.0521	1.0521	0.0000	-0.991	-0.991	0.0000
2023-12-13T13:54:41	3	0	5	6	-1	1.0492	1.0477	-0.0015	0.9692	0.9704	-0.0012
2023-12-13T13:56:58	2	0	1	1	0	1.0575	1.0569	-0.0006	0.9859	0.9858	0.0001
2023-12-13T13:57:44	2	0	84	82	2	1.0490	1.0489	-0.0002	0.9977	0.9977	0.0000
2023-12-13T14:02:07	1	0	1	1	0	1.0411	1.0407	-0.0004	0.9988	0.9988	0.0000
2023-12-13T14:03:07	1	0	7	7	0	1.0560	1.0560	0.0000	0.9723	0.9724	-0.0001
2023-12-13T14:05:07	2	0	85	84	1	1.0567	1.0562	-0.0005	-0.9911	-0.9917	0.0006
2023-12-13T14:05:40	2	0	2	2	0	0.9979	0.9978	-0.0001	-0.9828	-0.983	0.0002
2023-12-13T14:05:44	2	0	52	52	0	1.0520	1.0520	0.0000	-0.9918	-0.9918	0.0000
2023-12-13T14:16:02	5	0	42	24	18	1.0545	1.0527	-0.0019	0.9504	0.9534	-0.0030
2023-12-13T14:17:34	2	0	796	796	0	1.0760	1.0760	0.0000	-0.9999	-0.9999	0.0000
2023-12-13T14:19:16	7	0	22	21	1	1.0487	1.0484	-0.0004	0.9992	0.9992	0.0000
2023-12-13T14:20:08	1	0	86	86	0	1.0566	1.0561	-0.0004	-0.9932	-0.9936	0.0004
2023-12-13T14:20:33	1	0	4	4	0	1.0359	1.0358	-0.0001	-0.9615	-0.9615	0.0000
2023-12-13T14:20:45	2	0	63	63	0	1.0536	1.0535	0.0000	-0.9918	-0.9918	0.0000
2023-12-13T14:20:59	1	0	1	1	0	0.9417	0.9417	0.0000	-0.9978	-0.9976	-0.0002
2023-12-13T14:24:13	4	0	11	10	1	1.0486	1.0470	-0.0016	-0.994	-0.9942	0.0002
2023-12-13T14:25:55	1	0	1	1	0	1.0076	1.0075	-0.0001	0.9997	0.9997	0.0000
2023-12-13T14:28:35	1	0	2	2	0	1.0276	1.0271	-0.0005	0.9972	0.9971	0.0001
2023-12-13T14:31:03	5	0	5	6	-1	1.0398	1.0407	0.0009	0.9771	0.9741	0.0030
2023-12-13T14:32:35	2	0	796	796	0	1.0766	1.0766	0.0000	-1	-1	0.0000
2023-12-13T14:33:50	1	0	83	82	1	1.0591	1.0591	-0.0001	-0.9968	-0.9969	0.0001
2023-12-13T14:34:03	1	0	2	2	0	1.0311	1.0308	-0.0003	0.978	0.9779	0.0001
2023-12-13T14:34:17	6	0	40	41	-1	1.0497	1.0497	0.0000	0.9992	0.9992	0.0000
2023-12-13T14:35:09	1	0	83	83	0	1.0560	1.0559	-0.0001	-0.9918	-0.9919	0.0001
2023-12-13T14:39:44	2	0	8	8	0	1.0499	1.0495	-0.0003	0.9857	0.9851	0.0006
2023-12-13T14:43:02	1	0	462	460	2	1.0631	1.0630	-0.0001	-0.9998	-0.9998	0.0000
2023-12-13T14:43:14	2	0	10	10	0	1.0512	1.0511	-0.0001	0.9863	0.9862	0.0001
2023-12-13T14:47:10	2	0	2	2	0	1.0372	1.0369	-0.0004	0.9964	0.9963	0.0001
2023-12-13T14:50:43	2	0	5	5	0	0.9504	0.9506	0.0001	-0.9914	-0.9912	-0.0002
2023-12-13T14:50:47	1	0	94	93	1	1.0540	1.0540	0.0000	-0.9895	-0.9895	0.0000
2023-12-13T14:52:57	1	0	62	62	0	1.0520	1.0520	0.0000	0.9996	0.9996	0.0000
2023-12-13T15:01:44	1	0	1	1	0	1.0355	1.0353	-0.0002	0.9766	0.976	0.0006
2023-12-13T15:03:52	1	0	50	48	2	1.0556	1.0556	0.0000	-0.9925	-0.9925	0.0000
2023-12-13T15:04:38	1	0	28	27	1	1.0545	1.0545	0.0000	0.9998	0.9998	0.0000
2023-12-13T15:07:58	1	0	50	50	0	1.0514	1.0514	-0.0001	0.999	0.999	0.0000
2023-12-13T15:37:10	3	0	2	2	0	1.0227	1.0219	-0.0009	0.9888	0.9887	0.0001
2023-12-13T15:52:11	1	0	1	1	0	1.0157	1.0157	0.0000	0.9887	0.9887	0.0000
2023-12-13T16:01:44	1	0	1	1	0	0.9984	0.9987	0.0003	-0.9822	-0.9818	-0.0004
2023-12-13T16:15:00	1	0	1	1	0	1.0370	1.0367	-0.0003	0.9859	0.9858	0.0001
2023-12-13T16:16:10	3	0	9	9	0	1.0399	1.0395	-0.0004	0.9605	0.9615	-0.0010
2023-12-13T16:29:29	2	0	1	0	1	0.9450	null	null	-0.9661	-0.9653	-0.0008
2023-12-13T16:37:14	3	0	4	3	1	0.9697	0.9566	-0.0131	0.9873	0.9874	-0.0001
2023-12-13T16:48:47	1	0	4	4	0	0.9437	0.9441	0.0004	0.9913	0.9912	0.0001
2023-12-13T16:50:44	1	0	4	3	1	0.9474	0.9489	0.0014	0.9895	0.9895	0.0000
2023-12-13T16:59:31	2	0	5	5	0	0.9413	0.9418	0.0005	-0.9706	-0.9697	-0.0009
2023-12-13T17:00:15	1	0	50	50	0	0.9432	0.9432	0.0000	0.974	0.974	0.0000
2023-12-13T17:10:04	1	0	4	4	0	1.0425	1.0424	-0.0001	-0.9882	-0.9883	0.0001
2023-12-13T18:04:13	2	0	352	351	1	0.8505	0.8505	0.0000	0.9982	0.9982	0.0000

2023-12-14T07:51:47	1	0	179	179	0	0.8854	0.8855	0.0001	0.9643	0.9642	0.0001
2023-12-14T07:56:03	1	0	157	157	0	0.9337	0.9337	0.0000	0.9962	0.9962	0.0000
2023-12-14T08:03:32	2	0	213	213	0	0.8857	0.8858	0.0001	-0.9997	-0.9997	0.0000
2023-12-14T08:05:08	1	0	87	85	2	0.9389	0.9390	0.0001	0.9856	0.9855	0.0001
2023-12-14T08:05:14	2	0	15	14	1	0.9422	0.9423	0.0000	-0.9691	-0.9682	-0.0009
2023-12-14T08:06:48	1	0	170	170	0	0.8936	0.8936	0.0000	0.9622	0.9621	0.0001
2023-12-14T08:13:12	1	0	130	130	0	0.9302	0.9302	0.0000	-0.9997	-0.9997	0.0000
2023-12-14T08:14:07	2	0	26	25	1	1.0541	1.0540	-0.0001	-0.9784	-0.9779	-0.0005
2023-12-14T08:15:02	1	0	137	136	1	1.0537	1.0537	0.0000	-0.9935	-0.9934	-0.0001
2023-12-14T08:18:13	1	0	90	90	0	0.9399	0.9402	0.0003	0.9871	0.987	0.0001
2023-12-14T08:21:38	2	0	8	8	0	0.9584	0.9586	0.0002	0.9989	0.9989	0.0000
2023-12-14T08:29:08	1	0	74	74	0	1.0574	1.0574	0.0000	-0.9744	-0.9738	-0.0006
2023-12-14T08:29:19	1	0	8	8	0	1.0483	1.0483	0.0000	0.9985	0.9986	-0.0001
2023-12-14T08:30:03	1	0	173	173	0	1.0547	1.0547	0.0000	-0.9942	-0.9942	0.0000
2023-12-14T08:32:09	2	0	795	795	0	1.0843	1.0843	0.0000	0.9983	0.9983	0.0000
2023-12-14T08:40:34	1	0	61	61	0	0.9414	0.9414	0.0000	-0.9875	-0.987	-0.0005
2023-12-14T08:50:17	1	0	73	73	0	0.9436	0.9436	0.0000	-0.998	-0.9978	-0.0002
2023-12-14T08:51:43	1	0	1	1	0	0.9366	0.9370	0.0004	-0.9994	-0.9993	-0.0001
2023-12-14T08:58:10	5	0	316	309	7	1.0598	1.0598	0.0000	0.9679	0.9678	0.0001
2023-12-14T09:06:44	1	0	3	3	0	0.9397	0.9402	0.0005	-0.9991	-0.999	-0.0001
2023-12-14T09:13:37	1	0	1	1	0	1.0304	1.0298	-0.0006	-0.9985	-0.9986	0.0001
2023-12-14T09:15:41	1	0	4	4	0	1.0421	1.0421	0.0000	0.9893	0.9891	0.0002
2023-12-14T09:17:12	2	0	799	799	0	1.0798	1.0798	0.0000	0.9996	0.9996	0.0000
2023-12-14T09:18:37	2	0	227	223	4	0.8849	0.8851	0.0001	0.9999	0.9999	0.0000
2023-12-14T09:20:11	1	0	4	4	0	0.9827	0.9826	-0.0001	0.9999	0.9999	0.0000
2023-12-14T09:20:19	2	0	79	75	4	0.9425	0.9428	0.0003	-0.994	-0.9935	-0.0005
2023-12-14T09:20:19	1	0	26	26	0	1.0520	1.0518	-0.0001	0.975	0.9749	0.0001
2023-12-14T09:27:40	4	0	157	154	3	1.0577	1.0576	-0.0001	-0.9999	-0.9999	0.0000
2023-12-14T09:30:38	2	0	5	5	0	1.0192	1.0193	0.0002	0.9954	0.9954	0.0000
2023-12-14T09:30:58	5	0	5	5	0	1.0266	1.0265	-0.0001	-1	-1	0.0000
2023-12-14T09:32:47	2	0	134	133	1	0.9522	0.9496	-0.0026	0.9512	0.9512	0.0000
2023-12-14T09:33:28	1	0	9	9	0	1.0276	1.0274	-0.0001	0.9918	0.9917	0.0001
2023-12-14T09:34:41	1	0	7	7	0	1.0505	1.0505	0.0000	0.9983	0.9983	0.0000
2023-12-14T09:35:24	7	0	20	19	1	1.0513	1.0507	-0.0006	0.9995	0.9994	0.0001
2023-12-14T09:40:38	1	0	5	5	0	0.9444	0.9444	0.0000	-0.9875	-0.9851	-0.0024
2023-12-14T09:45:10	6	0	5	5	0	0.9759	0.9748	-0.0011	0.9997	0.9997	0.0000
2023-12-14T09:45:43	5	0	5	5	0	1.0324	1.0321	-0.0003	0.9888	0.9877	0.0011
2023-12-14T09:45:59	1	0	4	4	0	1.0286	1.0285	-0.0001	-0.9999	-0.9999	0.0000
2023-12-14T09:47:00	1	0	18	18	0	1.0441	1.0441	-0.0001	0.9927	0.9926	0.0001
2023-12-14T09:48:17	2	0	30	29	1	1.0465	1.0461	-0.0004	0.9989	0.9989	0.0000
2023-12-14T09:48:28	1	0	9	9	0	1.0473	1.0471	-0.0001	-0.9965	-0.9965	0.0000
2023-12-14T09:50:25	1	0	16	14	2	1.0500	1.0498	-0.0002	0.9998	0.9998	0.0000
2023-12-14T09:54:23	2	0	5	5	0	1.0493	1.0490	-0.0003	0.9877	0.9872	0.0005
2023-12-14T09:54:42	2	0	2	1	1	1.0561	1.0552	-0.0009	-0.9983	-0.9983	0.0000
2023-12-14T09:59:01	1	0	1	1	0	1.0569	1.0565	-0.0004	-0.97	-0.9695	-0.0005
2023-12-14T10:02:12	5	0	54	52	2	1.0504	1.0499	-0.0004	0.9998	0.9998	0.0000
2023-12-14T10:02:49	2	0	141	138	3	0.9518	0.9494	-0.0023	0.9512	0.9513	-0.0001
2023-12-14T10:03:40	3	0	266	266	0	0.8764	0.8765	0.0001	0.9969	0.997	-0.0001
2023-12-14T10:04:51	1	0	23	20	3	1.0534	1.0535	0.0001	0.9992	0.9989	0.0003
2023-12-14T10:05:14	1	0	27	27	0	0.9369	0.9371	0.0001	0.9978	0.9978	0.0000
2023-12-14T10:05:22	1	0	15	16	-1	1.0472	1.0471	-0.0002	0.9718	0.9717	0.0001
2023-12-14T10:05:26	3	0	13	11	2	1.0495	1.0502	0.0006	0.9991	0.999	0.0001
2023-12-14T10:06:56	3	0	251	248	3	0.8977	0.8977	0.0000	0.9508	0.9511	-0.0003
2023-12-14T10:08:20	4	0	36	33	3	0.9389	0.9398	0.0009	0.9936	0.9938	-0.0002
2023-12-14T10:09:43	2	0	1	1	0	1.0563	1.0556	-0.0007	-0.9977	-0.9977	0.0000
2023-12-14T10:10:40	2	0	2	2	0	0.9443	0.9443	0.0000	-0.983	-0.9827	-0.0003
2023-12-14T10:11:48	1	0	11	10	1	1.0510	1.0501	-0.0009	0.985	0.9849	0.0001
2023-12-14T10:12:43	1	0	45	45	0	1.0530	1.0530	0.0000	0.9998	0.9998	0.0000
2023-12-14T10:14:18	1	0	15	15	0	1.0462	1.0461	-0.0001	-0.9999	-0.9999	0.0000
2023-12-14T10:14:26	4	0	13	12	1	1.0491	1.0491	0.0000	0.9992	0.9992	0.0000
2023-12-14T10:16:02	1	0	2	2	0	1.0132	1.0131	-0.0001	0.9971	0.9971	0.0000
2023-12-14T10:17:13	2	0	57	56	1	1.0518	1.0516	-0.0002	1	0.9999	0.0001
2023-12-14T10:17:21	4	0	36	32	4	1.0520	1.0515	-0.0005	0.9842	0.9841	0.0001
2023-12-14T10:17:23	1	0	4	4	0	1.0029	1.0030	0.0001	0.9813	0.9814	-0.0001
2023-12-14T10:20:27	2	0	19	18	1	1.0510	1.0530	0.0020	0.9996	0.9996	0.0000
2023-12-14T10:20:29	1	0	41	40	1	1.0504	1.0504	0.0000	-0.9949	-0.9949	0.0000
2023-12-14T10:23:07	6	0	8	8	0	1.0322	1.0320	-0.0003	0.9988	0.9988	0.0000
2023-12-14T10:24:22	1	0	163	162	1	0.9435	0.9434	-0.0001	0.9595	0.9585	0.0010
2023-12-14T10:25:32	1	0	4	4	0	1.0039	1.0037	-0.0002	0.9799	0.9798	0.0001
2023-12-14T10:25:41	2	0	2	2	0	0.9444	0.9448	0.0004	-0.9894	-0.9863	-0.0031
2023-12-14T10:25:44	1	0	19	19	0	0.9578	0.9578	0.0000	0.9571	0.957	0.0001
2023-12-14T10:28:38	1	0	10	10	0	1.0467	1.0466	-0.0001	0.9784	0.9783	0.0001
2023-12-14T10:29:19	1	0	11	10	1	1.0455	1.0465	0.0011	-1	-1	0.0000
2023-12-14T10:30:34	3	0	17	15	2	1.0465	1.0465	0.0000	0.9988	0.9987	0.0001
2023-12-14T10:31:23	2	0	6	6	0	1.0249	1.0248	-0.0001	-0.9847	-0.9847	0.0000
2023-12-14T10:31:52	2	0	2	2	0	1.0397	1.0393	-0.0005	0.9992	0.9992	0.0000
2023-12-14T10:32:14	2	0	89	86	3	1.0539	1.0539	0.0000	1	1	0.0000
2023-12-14T10:33:20	1	0	7	7	0	1.0361	1.0360	-0.0001	0.9966	0.9966	0.0000
2023-12-14T10:33:42	3	0	218	218	0	0.8862	0.8862	0.0000	0.9979	0.9979	0.0000
2023-12-14T10:35:45	1	0	2	2	0	0.9847	0.9843	-0.0004	-0.9993	-0.9992	-0.0001
2023-12-14T10:37:42	1	0	2	2	0	1.0502	1.0501	-0.0002	0.9977	0.9976	0.0001
2023-12-14T10:40:19	1	0	8	8	0	1.0419	1.0419	0.0000	-1	-1	0.0000
2023-12-14T10:45:14	2	0	5	5	0	0.9793	0.9790	-0.0003	-0.9994	-0.9995	0.0001
2023-12-14T10:46:53	1	0	3	3	0	1.0379	1.0377	-0.0002	0.9996	0.9996	0.0000
2023-12-14T10:47:15	4	0	65	61	4	1.0519	1.0517	-0.0002	0.9999	0.9998	0.0001

2023-12-14T10:48:05	1	0	1	1	0	1.0562	1.0556	-0.0006	0.9768	0.9765	0.0003
2023-12-14T10:48:21	1	0	4	4	0	1.0369	1.0367	-0.0002	0.9968	0.9968	0.0000
2023-12-14T10:48:33	1	0	1	1	0	1.0587	1.0583	-0.0004	0.9761	0.9759	0.0002
2023-12-14T10:48:46	1	0	1	1	0	1.0188	1.0185	-0.0003	0.9787	0.9785	0.0002
2023-12-14T10:50:04	1	0	3	3	0	1.0508	1.0507	-0.0001	0.9946	0.9944	0.0002
2023-12-14T10:50:25	2	0	15	15	0	1.0472	1.0465	-0.0008	0.9715	0.9711	0.0004
2023-12-14T10:50:29	5	0	20	18	2	1.0490	1.0489	-0.0001	0.9998	0.9997	0.0001
2023-12-14T10:50:52	2	0	3	3	0	1.0488	1.0485	-0.0003	1	1	0.0000
2023-12-14T10:54:24	1	0	101	100	1	0.9617	0.9617	0.0000	0.9598	0.9598	0.0000
2023-12-14T10:54:46	1	0	5	4	1	1.0555	1.0548	-0.0007	-0.9965	-0.9965	0.0000
2023-12-14T10:55:20	1	0	12	11	1	1.0482	1.0481	-0.0001	-1	-1	0.0000
2023-12-14T10:55:43	1	0	1	0	1	1.0312	null	null	-0.9838	-0.9847	0.0009
2023-12-14T10:56:29	1	0	85	84	1	1.0688	1.0688	0.0000	-0.9615	-0.9615	0.0000
2023-12-14T10:57:56	2	0	6	6	0	0.9883	0.9883	0.0000	0.9968	0.9967	0.0001
2023-12-14T10:58:05	1	0	44	43	1	1.0526	1.0524	-0.0001	-1	-0.9999	-0.0001
2023-12-14T10:58:19	1	0	32	32	0	1.0531	1.0530	-0.0001	0.969	0.9688	0.0002
2023-12-14T10:58:40	1	0	13	13	0	1.0467	1.0467	0.0000	0.9741	0.9739	0.0002
2023-12-14T11:00:36	1	0	9	8	1	1.0461	1.0460	-0.0001	0.9914	0.9914	0.0000
2023-12-14T11:02:16	2	0	111	109	2	1.0547	1.0546	-0.0001	0.9967	0.9967	0.0000
2023-12-14T11:02:53	1	0	117	116	1	0.9768	0.9752	-0.0016	0.9548	0.9549	-0.0001
2023-12-14T11:03:22	4	0	12	11	1	1.0433	1.0428	-0.0005	0.9967	0.9966	0.0001
2023-12-14T11:03:44	1	0	170	169	1	0.8924	0.8925	0.0001	0.9989	0.9989	0.0000
2023-12-14T11:03:54	1	0	3	3	0	1.0361	1.0360	-0.0001	-0.9991	-0.9991	0.0000
2023-12-14T11:05:18	1	0	9	9	0	0.9402	0.9402	0.0000	0.9995	0.9995	0.0000
2023-12-14T11:05:30	7	0	25	23	2	1.0523	1.0523	0.0000	0.9998	0.9997	0.0001
2023-12-14T11:05:32	1	0	21	21	0	1.0484	1.0483	-0.0001	-0.9975	-0.9975	0.0000
2023-12-14T11:07:03	2	0	22	21	1	1.0491	1.0493	0.0001	-1	-1	0.0000
2023-12-14T11:07:15	2	0	41	41	0	1.0493	1.0492	-0.0001	-0.9929	-0.9929	0.0000
2023-12-14T11:07:44	1	0	2	2	0	1.0490	1.0488	-0.0002	0.9985	0.9984	0.0001
2023-12-14T11:09:25	1	0	77	77	0	0.9773	0.9773	0.0000	0.9624	0.9623	0.0001
2023-12-14T11:09:28	1	0	9	9	0	1.0506	1.0505	-0.0001	0.9849	0.9843	0.0006
2023-12-14T11:10:44	2	0	1	1	0	1.0295	1.0286	-0.0009	-0.9844	-0.9847	0.0003
2023-12-14T11:11:52	1	0	12	11	1	1.0531	1.0527	-0.0004	0.9887	0.9886	0.0001
2023-12-14T11:12:44	2	0	28	27	1	1.0484	1.0481	-0.0003	0.9996	0.9996	0.0000
2023-12-14T11:12:47	1	0	252	253	-1	1.0600	1.0600	0.0000	-0.9999	-0.9998	-0.0001
2023-12-14T11:13:20	2	0	98	96	2	1.0553	1.0553	0.0001	0.9764	0.976	0.0004
2023-12-14T11:14:30	1	0	20	20	0	1.0512	1.0512	0.0000	0.9994	0.9994	0.0000
2023-12-14T11:16:07	1	0	5	5	0	1.0292	1.0290	-0.0002	0.9982	0.9982	0.0000
2023-12-14T11:16:26	1	0	1	1	0	1.0267	1.0261	-0.0006	0.9676	0.9667	0.0009
2023-12-14T11:17:27	1	0	5	5	0	1.0136	1.0137	0.0001	0.9809	0.981	-0.0001
2023-12-14T11:17:54	1	0	57	56	1	0.9831	0.9816	-0.0014	0.9558	0.9558	0.0000
2023-12-14T11:18:23	2	0	7	7	0	1.0412	1.0411	-0.0001	0.997	0.997	0.0000
2023-12-14T11:18:34	1	0	54	53	1	1.0566	1.0566	0.0000	-0.9959	-0.9959	0.0000
2023-12-14T11:21:19	2	0	2	2	0	1.0224	1.0221	-0.0003	0.981	0.9809	0.0001
2023-12-14T11:25:44	2	0	1	0	1	1.0087	null	null	0.9989	0.9988	0.0001
2023-12-14T11:26:44	1	0	1	1	0	1.0559	1.0554	-0.0005	0.9915	0.9912	0.0003
2023-12-14T11:26:50	1	0	2	2	0	1.0321	1.0319	-0.0003	0.9812	0.9811	0.0001
2023-12-14T11:26:51	2	0	31	26	5	1.0550	1.0547	-0.0002	0.9998	0.9998	0.0000
2023-12-14T11:28:07	1	0	19	19	0	1.0500	1.0500	0.0000	0.9956	0.9956	0.0000
2023-12-14T11:28:21	2	0	41	41	0	1.0541	1.0541	0.0000	0.9642	0.9642	0.0000
2023-12-14T11:30:18	2	0	2	2	0	0.9244	0.9244	0.0001	0.9982	0.9982	0.0000
2023-12-14T11:30:50	6	0	10	10	0	1.0466	1.0466	0.0000	0.9875	0.987	0.0005
2023-12-14T11:32:21	1	0	791	791	0	1.0762	1.0762	0.0000	0.9996	0.9996	0.0000
2023-12-14T11:32:55	3	0	32	31	1	1.0344	1.0337	-0.0007	0.9615	0.9615	0.0000
2023-12-14T11:34:57	1	0	1	1	0	0.9905	0.9905	0.0000	0.8696	0.8696	0.0000
2023-12-14T11:35:49	1	0	1	1	0	0.9321	0.9321	0.0000	-0.9996	-0.9995	-0.0001
2023-12-14T11:36:20	1	0	1	1	0	1.0290	1.0290	0.0000	0.9824	0.9823	0.0001
2023-12-14T11:36:42	2	0	20	20	0	1.0509	1.0509	-0.0001	-0.9958	-0.9959	0.0001
2023-12-14T11:43:08	1	0	41	41	0	1.0535	1.0535	0.0000	0.9975	0.9981	-0.0006
2023-12-14T11:43:47	4	0	1	0	1	1.0556	null	null	-0.9996	-0.9997	0.0001
2023-12-14T11:45:16	1	0	31	30	1	1.0493	1.0489	-0.0004	0.9929	0.9929	0.0000
2023-12-14T11:45:51	6	0	65	64	1	1.0639	1.0642	0.0003	0.9888	0.9893	-0.0005
2023-12-14T11:46:28	2	0	9	10	-1	1.0504	1.0479	-0.0025	-0.9863	-0.9861	-0.0002
2023-12-14T11:49:58	1	0	2	2	0	0.9881	0.9881	0.0000	0.8697	0.8698	-0.0001
2023-12-14T11:51:43	2	0	8	8	0	1.0486	1.0486	0.0000	-0.9979	-0.9979	0.0000
2023-12-14T11:52:18	2	0	1	1	0	1.0381	1.0381	0.0000	-0.9987	-0.9987	0.0000
2023-12-14T11:53:42	1	0	175	174	1	1.0547	1.0547	0.0000	0.9891	0.9891	0.0000
2023-12-14T11:57:41	2	0	84	83	1	1.0889	1.0893	0.0004	-0.9903	-0.9903	0.0000
2023-12-14T11:58:09	3	0	43	42	1	1.0523	1.0523	-0.0001	0.9971	0.9971	0.0000
2023-12-14T11:58:48	6	0	5	3	2	1.0517	1.0489	-0.0028	-0.9993	-0.9994	0.0001
2023-12-14T12:00:57	1	0	19	18	1	1.0549	1.0549	0.0000	-0.9795	-0.9799	0.0004
2023-12-14T12:02:30	1	0	6	6	0	1.0221	1.0221	-0.0001	0.977	0.9803	-0.0033
2023-12-14T12:05:01	1	0	2	2	0	0.9881	0.9881	0.0000	0.8699	0.8701	-0.0002
2023-12-14T12:06:44	2	0	2	2	0	1.0602	1.0602	0.0000	-0.9989	-0.9989	0.0000
2023-12-14T12:15:53	5	0	7	7	0	1.0513	1.0512	-0.0001	0.9873	0.9875	-0.0002
2023-12-14T12:17:18	3	0	11	10	1	1.0514	1.0508	-0.0007	0.997	0.997	0.0000
2023-12-14T12:21:23	1	0	2	1	1	1.0281	1.0295	0.0015	0.9841	0.983	0.0011
2023-12-14T12:31:31	2	0	2	3	-1	1.0554	1.0520	-0.0034	-0.9819	-0.9817	-0.0002
2023-12-14T12:33:39	1	0	123	127	-4	1.0611	1.0598	-0.0013	-0.9927	-0.9946	0.0019
2023-12-14T12:35:36	2	0	9	8	1	1.0436	1.0419	-0.0017	0.9982	0.9982	0.0000
2023-12-14T12:56:56	1	0	4	4	0	1.0547	1.0547	0.0000	0.9848	0.9838	0.0010
2023-12-14T12:57:51	3	0	42	41	1	1.0491	1.0489	-0.0002	0.9995	0.9995	0.0000
2023-12-14T13:00:56	4	0	59	58	1	1.0598	1.0598	0.0000	0.9877	0.9869	0.0008
2023-12-14T13:01:48	1	0	1	0	1	1.0555	null	null	0.9836	0.9835	0.0001
2023-12-14T13:07:23	1	0	1	1	0	1.0370	1.0370	0.0000	-0.9981	-0.998	-0.0001

2023-12-14T13:13:53	8	0	3	2	1	1.0373	1.0278	-0.0095	-0.9992	-0.9992	0.0000
2023-12-14T13:20:56	1	0	1	2	-1	0.9328	0.9832	0.0504	-0.9991	-0.9989	-0.0002
2023-12-14T13:42:00	1	0	36	35	1	1.0548	1.0548	-0.0001	0.9998	0.9998	0.0000
2023-12-14T13:43:30	3	0	186	190	-4	1.0585	1.0584	0.0000	0.9715	0.9717	-0.0002
2023-12-14T13:49:30	7	0	225	222	3	1.0594	1.0593	-0.0001	-0.9864	-0.9866	0.0002
2023-12-14T13:57:01	1	0	2	2	0	1.0559	1.0556	-0.0003	0.9855	0.9855	0.0000
2023-12-14T14:00:28	5	0	3	3	0	0.9188	0.9189	0.0001	0.9988	0.9988	0.0000
2023-12-14T14:01:00	3	0	4	4	0	1.0319	1.0318	-0.0001	0.9044	0.9048	-0.0004
2023-12-14T14:03:06	2	0	12	12	0	1.0135	1.0133	-0.0002	0.9674	0.9674	0.0000
2023-12-14T14:03:46	1	0	10	10	0	1.0554	1.0548	-0.0006	0.9677	0.9679	-0.0002
2023-12-14T14:04:06	2	0	1	1	0	1.0264	1.0261	-0.0003	1	1	0.0000
2023-12-14T14:04:31	3	0	196	191	5	1.0585	1.0585	0.0000	-0.9883	-0.9883	0.0000
2023-12-14T14:05:13	4	0	14	11	3	1.0486	1.0472	-0.0014	0.9995	0.9994	0.0001
2023-12-14T14:05:17	2	0	84	83	1	1.0587	1.0586	-0.0001	0.9988	0.9988	0.0000
2023-12-14T14:05:38	2	0	4	5	-1	0.9513	0.9528	0.0016	-0.9908	-0.9909	0.0001
2023-12-14T14:10:33	2	0	2	2	0	1.0468	1.0468	0.0000	0.9958	0.9959	-0.0001
2023-12-14T14:10:59	1	0	488	489	-1	0.8789	0.8789	0.0000	0.9242	0.9244	-0.0002
2023-12-14T14:12:29	1	0	3	3	0	1.0469	1.0469	0.0000	0.9846	0.9846	0.0000
2023-12-14T14:12:50	1	0	4	4	0	1.0502	1.0502	0.0000	-0.9947	-0.9923	-0.0024
2023-12-14T14:14:14	1	0	18	17	1	1.0427	1.0424	-0.0003	0.9654	0.9655	-0.0001
2023-12-14T14:16:01	1	0	3	3	0	1.0229	1.0222	-0.0006	0.9483	0.9214	0.0269
2023-12-14T14:18:35	5	0	50	23	27	1.0526	1.0461	-0.0065	0.9958	0.9958	0.0000
2023-12-14T14:18:46	1	0	152	151	1	1.0598	1.0598	0.0000	-0.9922	-0.9923	0.0001
2023-12-14T14:19:07	1	0	1	1	0	1.0288	1.0287	-0.0001	0.9999	0.9999	0.0000
2023-12-14T14:19:32	5	0	213	210	3	1.0592	1.0590	-0.0002	-0.985	-0.985	0.0000
2023-12-14T14:20:10	2	0	125	126	-1	1.0596	1.0588	-0.0008	-0.9902	-0.9917	0.0015
2023-12-14T14:20:14	3	0	4	4	0	1.0359	1.0357	-0.0002	0.9862	0.9861	0.0001
2023-12-14T14:20:33	1	0	3	3	0	1.0323	1.0321	-0.0003	-0.9883	-0.9883	0.0000
2023-12-14T14:23:23	4	0	5	6	-1	1.0351	1.0327	-0.0024	0.9985	0.9985	0.0000
2023-12-14T14:25:48	1	0	2	2	0	1.0097	1.0097	0.0000	0.9737	0.9737	0.0000
2023-12-14T14:29:15	1	0	19	19	0	1.0436	1.0436	0.0000	0.9659	0.9659	0.0000
2023-12-14T14:31:20	4	0	11	11	0	1.0383	1.0378	-0.0005	1	1	0.0000
2023-12-14T14:31:39	1	0	2	2	0	1.0256	1.0258	0.0002	-0.982	-0.9815	-0.0005
2023-12-14T14:32:38	2	0	38	37	1	1.0505	1.0504	-0.0001	0.9885	0.9885	0.0000
2023-12-14T14:33:36	3	0	63	61	2	1.0535	1.0533	-0.0002	0.996	0.996	0.0000
2023-12-14T14:33:48	1	0	12	12	0	1.0420	1.0418	-0.0002	0.9707	0.9705	0.0002
2023-12-14T14:34:08	1	0	1	1	0	1.0228	1.0227	-0.0001	0.9999	0.9999	0.0000
2023-12-14T14:35:40	2	0	30	29	1	0.9456	0.9453	-0.0004	-0.9907	-0.9905	-0.0002
2023-12-14T14:35:46	1	0	30	29	1	1.0493	1.0493	0.0000	-0.9955	-0.9955	0.0000
2023-12-14T14:37:49	1	0	2	2	0	1.0069	1.0068	-0.0002	0.9727	0.9726	0.0001
2023-12-14T14:37:59	3	0	2	2	0	1.0298	1.0293	-0.0005	0.9999	0.9998	0.0001
2023-12-14T14:38:24	3	0	8	8	0	1.0382	1.0381	0.0000	0.9987	0.9987	0.0000
2023-12-14T14:40:53	2	0	24	21	3	0.9415	0.9431	0.0016	0.8498	0.8503	-0.0005
2023-12-14T14:41:01	1	0	15	15	0	0.9688	0.9689	0.0001	0.9658	0.9659	-0.0001
2023-12-14T14:43:01	1	0	500	494	6	1.0626	1.0625	-0.0001	1	1	0.0000
2023-12-14T14:44:16	1	0	17	17	0	1.0403	1.0403	0.0000	0.9659	0.9659	0.0000
2023-12-14T14:50:16	3	0	3	3	0	1.0326	1.0325	-0.0001	0.9865	0.9865	0.0000
2023-12-14T14:50:20	1	0	81	80	1	1.0592	1.0594	0.0002	0.9986	0.9985	0.0001
2023-12-14T14:50:35	1	0	3	3	0	1.0307	1.0307	-0.0001	-0.9837	-0.9837	0.0000
2023-12-14T14:58:35	3	0	302	292	10	1.0580	1.0579	-0.0001	0.9593	0.9589	0.0004
2023-12-14T14:58:36	1	0	1	1	0	1.0254	1.0242	-0.0012	0.9829	0.9827	0.0002
2023-12-14T14:59:36	1	0	306	305	1	1.0626	1.0626	0.0000	-0.9366	-0.9369	0.0003
2023-12-14T15:04:15	2	0	4	4	0	0.9948	0.9950	0.0002	-0.9999	-0.9999	0.0000
2023-12-14T15:05:21	1	0	111	107	4	1.0595	1.0594	-0.0001	0.9985	0.9992	-0.0007
2023-12-14T15:20:14	2	0	138	137	1	1.0619	1.0618	-0.0001	-0.9935	-0.9938	0.0003
2023-12-14T15:22:07	3	0	1	0	1	1.0247	null	null	0.9884	0.9883	0.0001
2023-12-14T15:37:08	2	0	1	1	0	1.0288	1.0285	-0.0003	0.9892	0.9892	0.0000
2023-12-14T15:46:07	1	0	2	2	0	1.0282	1.0276	-0.0006	0.9122	0.9385	-0.0263
2023-12-14T16:07:10	13	0	4	0	4	0.9684	null	null	0.9875	0.9881	-0.0006
2023-12-14T16:26:01	2	0	2	2	0	1.0131	1.0126	-0.0005	0.967	0.9669	0.0001
2023-12-14T16:33:56	4	0	7	6	1	0.9784	0.9844	0.0060	0.974	0.9744	-0.0004
2023-12-14T18:20:55	1	0	381	381	0	0.9168	0.9168	0.0000	0.9986	0.9988	-0.0002
2023-12-14T18:36:48	1	0	4	4	0	1.0267	1.0267	0.0000	0.9867	0.9865	0.0002
2023-12-15T07:50:16	2	0	168	167	1	0.9412	0.9415	0.0003	-0.9773	-0.9759	-0.0014
2023-12-15T07:51:51	2	0	177	177	0	0.9012	0.9013	0.0001	0.9581	0.958	0.0001
2023-12-15T07:55:36	1	0	83	83	0	0.9323	0.9324	0.0001	-0.9905	-0.9899	-0.0006
2023-12-15T07:58:11	1	0	338	336	2	1.0612	1.0612	0.0000	0.9843	0.9843	0.0000
2023-12-15T08:05:17	1	0	54	52	2	0.9530	0.9533	0.0003	-0.9736	-0.9724	-0.0012
2023-12-15T08:14:10	2	0	107	106	1	1.0584	1.0583	-0.0001	-0.9657	-0.9653	-0.0004
2023-12-15T08:32:12	2	0	795	795	0	1.0841	1.0841	0.0000	0.9988	0.9988	0.0000
2023-12-15T08:33:18	1	0	54	46	8	0.9586	0.9589	0.0003	0.9881	0.988	0.0001
2023-12-15T08:36:46	1	0	4	4	0	0.9390	0.9394	0.0004	-0.9929	-0.9926	-0.0003
2023-12-15T08:44:22	1	0	18	18	0	1.0494	1.0494	0.0000	0.9988	0.9988	0.0000
2023-12-15T08:45:10	3	0	608	608	0	1.0706	1.0706	-0.0001	-0.9958	-0.9958	0.0000
2023-12-15T08:58:41	1	0	1	1	0	1.0193	1.0190	-0.0003	-0.9959	-0.996	0.0001
2023-12-15T09:00:13	2	0	97	97	0	1.0573	1.0573	0.0000	0.9998	0.9998	0.0000
2023-12-15T09:02:14	2	0	799	799	0	1.0802	1.0802	0.0000	0.9996	0.9996	0.0000
2023-12-15T09:02:51	1	0	14	14	0	1.0396	1.0396	0.0000	0.9456	0.9448	0.0008
2023-12-15T09:04:04	2	0	5	5	0	1.0325	1.0325	0.0000	0.9792	0.9792	0.0000
2023-12-15T09:04:56	1	0	2	2	0	1.0306	1.0306	0.0000	0.9927	0.9927	0.0000
2023-12-15T09:05:21	3	0	13	11	2	0.9437	0.9438	0.0001	-0.9967	-0.9966	-0.0001
2023-12-15T09:06:48	1	0	1	1	0	0.9415	0.9421	0.0006	-0.9897	-0.9894	-0.0003
2023-12-15T09:06:56	2	0	153	153	0	0.9121	0.9125	0.0004	0.9708	0.9708	0.0000
2023-12-15T09:10:41	2	0	2	2	0	0.9828	0.9816	-0.0012	-0.9751	-0.9746	-0.0005
2023-12-15T09:13:16	4	0	767	766	1	1.0672	1.0671	0.0000	0.9825	0.9824	0.0001

2023-12-15T09:14:14	1	0	241	241	0	1.0652	1.0651	-0.0001	-0.9625	-0.9624	-0.0001
2023-12-15T09:14:24	5	0	37	31	6	1.0542	1.0539	-0.0002	0.9982	0.9981	0.0001
2023-12-15T09:15:10	2	0	137	135	2	1.0526	1.0526	0.0000	1	1	0.0000
2023-12-15T09:17:50	2	0	166	164	2	0.9836	0.9811	-0.0026	0.9419	0.9418	0.0001
2023-12-15T09:20:28	1	0	36	36	0	1.0559	1.0558	-0.0001	0.9998	0.9998	0.0000
2023-12-15T09:27:44	1	0	29	28	1	1.0493	1.0494	0.0001	0.9991	0.9991	0.0000
2023-12-15T09:30:43	2	0	1	1	0	0.9728	0.9735	0.0007	0.997	0.9969	0.0001
2023-12-15T09:31:08	5	0	13	13	0	1.0410	1.0409	-0.0001	-0.9995	-0.9995	0.0000
2023-12-15T09:31:51	1	0	2	2	0	1.0385	1.0382	-0.0004	-0.9989	-0.9989	0.0000
2023-12-15T09:33:42	1	0	25	19	6	0.9410	0.9414	0.0004	-0.9998	-0.9998	0.0000
2023-12-15T09:35:22	1	0	19	19	0	1.0492	1.0491	-0.0001	0.9765	0.9764	0.0001
2023-12-15T09:35:29	7	0	24	21	3	1.0538	1.0533	-0.0005	0.9998	0.9998	0.0000
2023-12-15T09:39:24	2	0	9	9	0	1.0495	1.0490	-0.0005	0.9898	0.9894	0.0004
2023-12-15T09:40:43	1	0	5	6	-1	0.9605	0.9700	0.0095	-0.9858	-0.9849	-0.0009
2023-12-15T09:43:44	2	0	1	0	1	1.0308	null	null	-0.993	-0.9931	0.0001
2023-12-15T09:46:09	1	0	17	17	0	1.0431	1.0430	-0.0001	-0.9988	-0.9988	0.0000
2023-12-15T09:47:04	1	0	23	23	0	1.0436	1.0435	0.0000	0.9933	0.9933	0.0000
2023-12-15T09:48:34	1	0	20	20	0	1.0505	1.0504	-0.0001	-0.9997	-0.9997	0.0000
2023-12-15T09:49:51	1	0	16	16	0	1.0513	1.0512	-0.0001	0.9992	0.9991	0.0001
2023-12-15T09:50:23	3	0	24	22	2	1.0509	1.0503	-0.0006	0.9765	0.9764	0.0001
2023-12-15T09:56:47	3	0	46	44	2	1.0563	1.0561	-0.0002	-0.9997	-0.9997	0.0000
2023-12-15T09:57:48	2	0	36	34	2	1.0508	1.0510	0.0002	0.9997	0.9996	0.0001
2023-12-15T09:59:06	1	0	1	1	0	1.0601	1.0597	-0.0004	-0.9588	-0.9582	-0.0006
2023-12-15T09:59:27	3	0	32	32	0	1.0533	1.0532	0.0000	0.9994	0.9994	0.0000
2023-12-15T10:01:03	2	0	4	4	0	1.0369	1.0367	-0.0002	0.9979	0.9978	0.0001
2023-12-15T10:01:53	1	0	2	2	0	1.0397	1.0396	-0.0002	-0.9993	-0.9993	0.0000
2023-12-15T10:02:15	6	0	117	113	4	1.0493	1.0491	-0.0002	0.9996	0.9996	0.0000
2023-12-15T10:02:53	4	0	97	89	8	0.9730	0.9715	-0.0015	0.9383	0.9383	0.0000
2023-12-15T10:03:44	3	0	5	4	1	1.0462	1.0466	0.0004	-0.9951	-0.9952	0.0001
2023-12-15T10:03:55	1	0	10	10	0	1.0449	1.0448	0.0000	-0.9983	-0.9983	0.0000
2023-12-15T10:04:10	1	0	15	15	0	1.0442	1.0442	-0.0001	0.997	0.997	0.0000
2023-12-15T10:04:52	1	0	2	2	0	0.9876	0.9875	-0.0001	0.883	0.8828	0.0002
2023-12-15T10:05:00	3	0	4	4	0	1.0340	1.0335	-0.0004	0.9989	0.9989	0.0000
2023-12-15T10:05:17	1	0	6	6	0	0.9978	0.9977	-0.0001	-0.993	-0.993	0.0000
2023-12-15T10:05:31	9	0	43	41	2	1.0544	1.0542	-0.0002	0.9996	0.9996	0.0000
2023-12-15T10:07:00	2	0	92	88	4	0.9264	0.9264	0.0000	0.9741	0.9744	-0.0003
2023-12-15T10:08:09	4	0	18	18	0	1.0340	1.0339	-0.0001	0.999	0.999	0.0000
2023-12-15T10:09:46	2	0	5	3	2	1.0557	1.0537	-0.0021	-0.9978	-0.9979	0.0001
2023-12-15T10:09:58	1	0	24	24	0	1.0472	1.0472	0.0000	0.9998	0.9998	0.0000
2023-12-15T10:10:38	2	0	1	1	0	1.0102	1.0094	-0.0008	0.9709	0.9707	0.0002
2023-12-15T10:10:45	2	0	1	1	0	1.0253	1.0234	-0.0019	-0.9849	-0.985	0.0001
2023-12-15T10:12:49	2	0	70	69	1	1.0545	1.0545	0.0000	0.9998	0.9998	0.0000
2023-12-15T10:13:42	1	0	9	9	0	1.0448	1.0447	-0.0001	0.9708	0.9707	0.0001
2023-12-15T10:14:22	1	0	23	23	0	1.0461	1.0460	0.0000	-0.9983	-0.9983	0.0000
2023-12-15T10:15:14	2	0	214	212	2	1.0549	1.0549	0.0000	1	1	0.0000
2023-12-15T10:15:18	3	0	141	132	9	1.0583	1.0579	-0.0004	0.9998	0.9998	0.0000
2023-12-15T10:16:03	3	0	2	1	1	0.9844	1.0084	0.0239	0.9864	0.9863	0.0001
2023-12-15T10:16:11	1	0	13	13	0	1.0412	1.0411	-0.0001	0.9998	0.9998	0.0000
2023-12-15T10:17:16	4	0	201	196	5	1.0516	1.0516	0.0000	0.9995	0.9995	0.0000
2023-12-15T10:18:36	2	0	8	7	1	1.0549	1.0541	-0.0009	0.9777	0.9775	0.0002
2023-12-15T10:18:56	1	0	10	10	0	1.0453	1.0452	0.0000	-0.9981	-0.9982	0.0001
2023-12-15T10:19:11	4	0	10	10	0	1.0418	1.0414	-0.0003	0.9975	0.9975	0.0000
2023-12-15T10:19:53	1	0	82	82	0	1.0571	1.0563	-0.0007	-0.9941	-0.9948	0.0007
2023-12-15T10:21:34	2	0	13	13	0	0.9566	0.9565	-0.0001	0.9954	0.9952	0.0002
2023-12-15T10:23:26	2	0	1	1	0	1.0301	1.0299	-0.0002	0.9983	0.9983	0.0000
2023-12-15T10:27:50	1	0	104	101	3	1.0560	1.0557	-0.0002	0.9999	0.9999	0.0000
2023-12-15T10:28:21	2	0	401	394	7	1.0617	1.0616	0.0000	0.9668	0.9666	0.0002
2023-12-15T10:29:19	1	0	320	319	1	1.0638	1.0638	0.0000	-0.9382	-0.939	0.0008
2023-12-15T10:30:15	1	0	219	217	2	1.0548	1.0548	0.0000	-1	-1	0.0000
2023-12-15T10:30:19	3	0	172	171	1	1.0538	1.0538	0.0000	0.9999	0.9999	0.0000
2023-12-15T10:30:49	6	0	4	4	0	1.0237	1.0228	-0.0009	0.9094	0.9069	0.0025
2023-12-15T10:31:24	1	0	1	0	1	1.0218	null	null	-0.9867	-0.9864	-0.0003
2023-12-15T10:32:17	2	0	157	153	4	1.0541	1.0540	-0.0001	0.9995	0.9995	0.0000
2023-12-15T10:32:25	2	0	33	32	1	1.0517	1.0516	-0.0001	0.9844	0.9844	0.0000
2023-12-15T10:33:46	8	0	15	12	3	1.0493	1.0484	-0.0009	-0.9912	-0.9916	0.0004
2023-12-15T10:33:57	1	0	10	10	0	1.0443	1.0442	-0.0001	-0.9978	-0.9978	0.0000
2023-12-15T10:34:49	1	0	6	6	0	1.0477	1.0471	-0.0005	0.9999	0.9999	0.0000
2023-12-15T10:35:05	1	0	51	50	1	1.0562	1.0561	-0.0001	0.9968	0.9968	0.0000
2023-12-15T10:35:19	1	0	6	6	0	1.0300	1.0298	-0.0002	-0.9882	-0.9882	0.0000
2023-12-15T10:35:33	5	0	54	54	0	1.0571	1.0571	0.0000	-1	1	0.0000
2023-12-15T10:39:27	1	0	13	13	0	1.0433	1.0432	0.0000	0.9647	0.9643	0.0004
2023-12-15T10:40:24	1	0	12	12	0	1.0498	1.0497	-0.0001	0.9981	0.9981	0.0000
2023-12-15T10:40:45	2	0	1	1	0	1.0113	1.0100	-0.0013	1	1	0.0000
2023-12-15T10:40:49	1	0	16	16	0	0.9505	0.9509	0.0004	0.9626	0.9627	-0.0001
2023-12-15T10:43:06	1	0	2	2	0	1.0734	1.0732	-0.0002	-0.9987	-0.9988	0.0001
2023-12-15T10:43:08	2	0	51	50	1	1.0535	1.0535	-0.0001	0.9979	0.9979	0.0000
2023-12-15T10:43:41	2	0	9	9	0	1.0502	1.0500	-0.0002	-0.9989	-0.999	0.0001
2023-12-15T10:45:22	3	0	2	0	2	1.0457	null	null	-0.9874	-0.9902	0.0028
2023-12-15T10:46:13	1	0	13	13	0	1.0422	1.0421	-0.0001	1	1	0.0000
2023-12-15T10:47:18	3	0	145	143	2	1.0516	1.0515	-0.0001	0.9975	0.9975	0.0000
2023-12-15T10:48:38	2	0	4	4	0	1.0498	1.0496	-0.0003	0.9547	0.9543	0.0004
2023-12-15T10:48:50	1	0	2	2	0	1.0328	1.0325	-0.0003	0.9473	0.9467	0.0006
2023-12-15T10:48:58	2	0	10	10	0	1.0444	1.0443	-0.0001	-0.9981	-0.9981	0.0000
2023-12-15T10:49:01	1	0	3	3	0	1.0337	1.0336	-0.0001	-0.9998	-0.9998	0.0000
2023-12-15T10:49:13	1	0	16	17	-1	1.0473	1.0464	-0.0009	0.9984	0.9984	0.0000

2023-12-15T10:50:34	1	0	4	3	1	1.0487	1.0457	-0.0030	-0.9992	-0.9992	0.0000
2023-12-15T10:51:18	2	0	3	3	0	1.0379	1.0377	-0.0002	0.9926	0.9926	0.0000
2023-12-15T10:52:48	1	0	1	1	0	1.0579	1.0575	-0.0004	0.9997	0.9997	0.0000
2023-12-15T10:56:49	1	0	2	2	0	1.0471	1.0465	-0.0006	0.984	0.9839	0.0001
2023-12-15T10:57:42	1	0	4	2	2	1.0579	1.0565	-0.0015	0.9998	0.9998	0.0000
2023-12-15T10:57:52	1	0	134	129	5	1.0573	1.0571	-0.0003	1	1	0.0000
2023-12-15T10:58:07	2	0	3	3	0	1.0563	1.0561	-0.0002	0.995	0.9949	0.0001
2023-12-15T10:59:31	1	0	60	59	1	1.0561	1.0561	0.0000	0.9997	0.9997	0.0000
2023-12-15T11:00:23	3	0	1	1	0	1.0459	1.0456	-0.0003	-0.9881	-0.9908	0.0027
2023-12-15T11:00:39	1	0	17	16	1	1.0477	1.0475	-0.0002	0.991	0.9909	0.0001
2023-12-15T11:00:51	2	0	3	5	-2	1.0223	1.0224	0.0001	0.947	0.9192	0.0278
2023-12-15T11:01:33	1	0	4	4	0	1.0448	1.0443	-0.0006	0.9918	0.9915	0.0003
2023-12-15T11:02:19	5	0	201	196	5	1.0532	1.0530	-0.0001	0.9982	0.9981	0.0001
2023-12-15T11:03:48	1	0	51	50	1	0.9364	0.9369	0.0005	-1	-1	0.0000
2023-12-15T11:04:54	1	0	1	1	0	1.0319	1.0316	-0.0003	0.9575	0.9574	0.0001
2023-12-15T11:05:28	2	0	21	19	2	1.0528	1.0524	-0.0004	0.9739	0.9734	0.0005
2023-12-15T11:05:35	1	0	9	8	1	1.0460	1.0447	-0.0013	-0.999	-0.999	0.0000
2023-12-15T11:05:57	2	0	4	4	0	1.0524	1.0520	-0.0004	0.9884	0.9878	0.0006
2023-12-15T11:07:46	3	0	2	2	0	1.0375	1.0371	-0.0004	-0.9925	-0.9929	0.0004
2023-12-15T11:07:49	1	0	2	2	0	1.0480	1.0477	-0.0003	-0.9998	-0.9998	0.0000
2023-12-15T11:09:30	1	0	12	12	0	1.0546	1.0546	-0.0001	0.9839	0.9832	0.0007
2023-12-15T11:10:49	1	0	1	1	0	1.0242	1.0239	-0.0003	-0.979	-0.9791	0.0001
2023-12-15T11:12:53	1	0	186	185	1	1.0598	1.0598	0.0000	-0.9999	-0.9999	0.0000
2023-12-15T11:13:24	1	0	279	276	3	1.0598	1.0597	-0.0001	0.9426	0.9421	0.0005
2023-12-15T11:13:46	1	0	21	21	0	1.0469	1.0469	0.0000	0.9726	0.9725	0.0001
2023-12-15T11:13:50	2	0	3	3	0	1.0285	1.0279	-0.0006	-0.9945	-0.9947	0.0002
2023-12-15T11:16:15	3	0	8	8	0	1.0351	1.0347	-0.0004	-0.9998	-0.9999	0.0001
2023-12-15T11:17:32	1	0	5	5	0	1.0169	1.0170	0.0001	0.9791	0.9792	-0.0001
2023-12-15T11:18:40	1	0	70	69	1	1.0564	1.0563	-0.0001	-0.9962	-0.9963	0.0001
2023-12-15T11:18:49	3	0	24	22	2	1.0532	1.0528	-0.0004	-0.9897	-0.9899	0.0002
2023-12-15T11:19:15	1	0	62	59	3	1.0536	1.0534	-0.0002	0.9943	0.9942	0.0001
2023-12-15T11:20:08	2	0	74	74	0	1.0573	1.0572	-0.0001	0.9979	0.9978	0.0001
2023-12-15T11:20:30	1	0	2	2	0	0.9444	0.9448	0.0004	-0.9991	-0.999	-0.0001
2023-12-15T11:20:36	1	0	20	18	2	1.0475	1.0465	-0.0010	-0.9986	-0.9986	0.0000
2023-12-15T11:26:51	1	0	3	3	0	1.0329	1.0326	-0.0003	0.9802	0.9801	0.0001
2023-12-15T11:27:50	2	0	39	38	1	1.0487	1.0486	-0.0002	0.9996	0.9996	0.0000
2023-12-15T11:28:09	3	0	1	1	0	1.0981	1.0981	0.0000	0.9874	0.9874	0.0000
2023-12-15T11:28:47	1	0	27	27	0	1.0505	1.0505	0.0000	0.9731	0.9731	0.0000
2023-12-15T11:29:23	1	0	247	248	-1	1.0616	1.0616	0.0000	-0.9325	-0.9325	0.0000
2023-12-15T11:29:27	1	0	18	18	0	1.0467	1.0467	0.0000	-0.9978	-0.9978	0.0000
2023-12-15T11:30:25	4	0	3	4	-1	1.0472	1.0493	0.0021	-0.9838	-0.9838	0.0000
2023-12-15T11:30:41	1	0	1	1	0	1.0416	1.0416	0.0000	0.9987	0.9987	0.0000
2023-12-15T11:32:02	1	0	35	34	1	1.0491	1.0489	-0.0002	-0.9785	-0.9785	0.0000
2023-12-15T11:32:29	3	0	31	30	1	1.0516	1.0514	-0.0002	0.9845	0.9844	0.0001
2023-12-15T11:33:01	1	0	9	9	0	1.0330	1.0330	0.0000	0.9364	0.9363	0.0001
2023-12-15T11:34:13	2	0	10	10	0	1.0402	1.0402	0.0000	0.9751	0.9751	0.0000
2023-12-15T11:35:06	5	0	18	15	3	1.0498	1.0463	-0.0035	0.9995	0.9995	0.0000
2023-12-15T11:35:06	1	0	1	1	0	1.0371	1.0371	0.0000	0.9862	0.9862	0.0000
2023-12-15T11:35:09	1	0	46	46	0	1.0560	1.0560	0.0000	0.9984	0.9984	0.0000
2023-12-15T11:41:58	1	0	5	4	1	1.0568	1.0552	-0.0016	0.932	0.9317	0.0003
2023-12-15T11:43:10	2	0	1	1	0	1.1038	1.1038	0.0000	0.9939	0.9938	0.0001
2023-12-15T11:45:42	1	0	1	1	0	1.0383	1.0383	0.0000	0.9921	0.9921	0.0000
2023-12-15T11:45:54	6	0	2	2	0	1.0371	1.0371	0.0000	0.9006	0.9329	-0.0323
2023-12-15T11:46:36	1	0	8	9	-1	1.0442	1.0449	0.0007	0.9932	0.9933	-0.0001
2023-12-15T11:47:30	2	0	41	39	2	1.0529	1.0527	-0.0002	0.9837	0.9836	0.0001
2023-12-15T11:47:34	1	0	4	4	0	1.0337	1.0337	0.0000	0.9843	0.9842	0.0001
2023-12-15T11:48:51	12	0	36	36	0	0.9402	0.9403	0.0001	0.9989	0.9989	0.0000
2023-12-15T11:49:14	2	0	12	12	0	1.0408	1.0408	0.0000	0.9748	0.9748	0.0000
2023-12-15T11:50:07	1	0	3	3	0	1.0391	1.0391	0.0000	0.987	0.987	0.0000
2023-12-15T11:50:10	1	0	111	111	0	1.0593	1.0593	0.0000	0.9949	0.995	-0.0001
2023-12-15T11:50:32	3	0	4	4	0	1.0163	1.0162	-0.0001	-0.9866	-0.9869	0.0003
2023-12-15T11:59:25	1	0	132	132	0	1.0605	1.0605	0.0000	-0.9314	-0.9307	-0.0007
2023-12-15T12:00:55	5	0	8	9	-1	1.0482	1.0460	-0.0022	0.9488	0.9724	-0.0236
2023-12-15T12:02:17	3	0	10	9	1	1.0517	1.0511	-0.0007	0.996	0.996	0.0000
2023-12-15T12:03:52	11	0	43	43	0	0.9388	0.9388	0.0001	0.9984	0.9985	-0.0001
2023-12-15T12:04:15	1	0	16	16	0	1.0387	1.0387	0.0000	0.9745	0.9745	0.0000
2023-12-15T12:05:08	1	0	2	2	0	1.0393	1.0393	0.0000	0.987	0.987	0.0000
2023-12-15T12:05:11	1	0	59	59	0	1.0563	1.0564	0.0000	0.995	0.995	0.0000
2023-12-15T12:09:32	1	0	17	16	1	1.0528	1.0527	-0.0002	-0.9568	-0.9567	-0.0001
2023-12-15T12:12:53	5	0	82	81	1	1.0507	1.0506	-0.0001	0.9998	0.9998	0.0000
2023-12-15T12:13:16	4	0	102	101	1	1.0565	1.0565	0.0000	0.9997	0.9999	-0.0002
2023-12-15T12:17:32	2	0	58	57	1	1.0538	1.0537	-0.0001	0.9826	0.9826	0.0000
2023-12-15T12:17:36	2	0	5	5	0	1.0303	1.0302	-0.0001	0.9831	0.983	0.0001
2023-12-15T12:20:40	1	0	6	5	1	1.0472	1.0455	-0.0017	0.9916	0.9916	0.0000
2023-12-15T12:23:48	1	0	169	168	1	1.0539	1.0539	0.0000	0.9912	0.9911	0.0001
2023-12-15T12:27:01	1	0	3	4	-1	1.0517	1.0526	0.0009	0.9323	0.9324	-0.0001
2023-12-15T12:28:13	1	0	4	4	0	1.0605	1.0605	0.0000	0.9997	0.9997	0.0000
2023-12-15T12:29:31	2	0	52	48	4	1.0517	1.0514	-0.0003	-0.9926	-0.9926	0.0000
2023-12-15T12:43:52	1	0	16	17	-1	1.0486	1.0487	0.0000	0.9578	0.9448	0.0130
2023-12-15T12:44:59	2	0	10	9	1	1.0533	1.0522	-0.0011	0.9893	0.9893	0.0000
2023-12-15T12:45:58	3	0	2	2	0	1.0271	1.0270	-0.0002	0.9028	0.9032	-0.0004
2023-12-15T13:03:56	10	0	287	287	0	0.8259	0.8259	0.0001	0.9839	0.9843	-0.0004
2023-12-15T13:12:57	1	0	79	78	1	1.0511	1.0510	-0.0001	0.9999	0.9999	0.0000
2023-12-15T13:17:37	2	0	56	55	1	1.0536	1.0536	0.0000	0.9793	0.9793	0.0000
2023-12-15T13:23:52	1	0	292	291	1	1.0556	1.0556	0.0000	0.9917	0.9917	0.0000

2023-12-15T13:25:59	2	0	212	211	1	1.0593	1.0593	0.0000	-0.9927	-0.9928	0.0001
2023-12-15T13:30:27	1	0	219	218	1	1.0548	1.0548	0.0000	0.9987	0.9987	0.0000
2023-12-15T13:34:07	2	0	5	4	1	1.0388	1.0342	-0.0046	0.9287	0.9286	0.0001
2023-12-15T13:41:00	4	0	181	179	2	1.0579	1.0578	-0.0001	-0.9918	-0.9919	0.0001
2023-12-15T13:44:36	1	0	96	94	2	1.0536	1.0535	-0.0001	-0.9915	-0.9915	0.0000
2023-12-15T13:44:52	1	0	2	1	1	1.0558	1.0550	-0.0009	0.9828	0.9828	0.0000
2023-12-15T13:51:02	1	0	2	2	0	0.9876	0.9874	-0.0002	-0.9978	-0.9976	-0.0002
2023-12-15T13:57:33	1	0	3	3	0	1.0461	1.0461	0.0000	0.9843	0.9844	-0.0001
2023-12-15T13:58:00	1	0	102	99	3	1.0526	1.0525	-0.0001	0.9999	0.9999	0.0000
2023-12-15T14:00:29	1	0	57	57	0	1.0523	1.0522	-0.0001	0.9815	0.9815	0.0000
2023-12-15T14:03:11	2	0	9	10	-1	1.0450	1.0460	0.0010	0.9679	0.9678	0.0001
2023-12-15T14:05:47	4	0	49	48	1	1.0477	1.0476	-0.0001	-0.9957	-0.9957	0.0000
2023-12-15T14:10:57	1	0	8	8	0	1.0279	1.0279	-0.0001	0.982	0.982	0.0000
2023-12-15T14:11:02	1	0	105	104	1	1.0539	1.0538	0.0000	-0.9909	-0.9908	-0.0001
2023-12-15T14:11:58	1	0	1	0	1	1.0550	null	null	0.9929	0.9929	0.0000
2023-12-15T14:13:55	1	0	6	6	0	1.0559	1.0559	0.0000	0.9996	0.9996	0.0000
2023-12-15T14:17:41	1	0	74	73	1	1.0550	1.0550	0.0000	0.9819	0.9819	0.0000
2023-12-15T14:18:52	1	0	3	4	-1	1.0465	1.0486	0.0022	0.9575	0.9576	-0.0001
2023-12-15T14:20:48	2	0	54	52	2	1.0483	1.0482	0.0000	-0.994	-0.9941	0.0001
2023-12-15T14:21:08	1	0	2	2	0	0.9868	0.9866	-0.0002	-0.9982	-0.998	-0.0002
2023-12-15T14:24:43	1	0	6	7	-1	1.0511	1.0503	-0.0009	0.9788	0.9789	-0.0001
2023-12-15T14:25:58	1	0	4	4	0	1.0112	1.0111	-0.0001	0.9814	0.9814	0.0000
2023-12-15T14:28:25	1	0	77	69	8	1.0546	1.0548	0.0001	0.9991	0.9996	-0.0005
2023-12-15T14:28:37	1	0	5	5	0	1.0315	1.0305	-0.0010	0.988	0.9877	0.0003
2023-12-15T14:28:50	1	0	18	18	0	1.0488	1.0487	-0.0001	-1	-1	0.0000
2023-12-15T14:29:04	9	0	5	6	-1	1.0412	1.0435	0.0023	-0.9934	-0.9934	0.0000
2023-12-15T14:31:28	1	0	12	12	0	1.0416	1.0415	-0.0001	-0.9995	-0.9995	0.0000
2023-12-15T14:32:27	1	0	13	12	1	1.0515	1.0512	-0.0004	0.9964	0.9962	0.0002
2023-12-15T14:33:13	1	0	6	6	0	1.0160	1.0161	0.0000	0.9645	0.9644	0.0001
2023-12-15T14:33:53	1	0	3	3	0	1.0520	1.0519	0.0000	0.9618	0.9618	0.0000
2023-12-15T14:34:05	1	0	3	3	0	1.0419	1.0416	-0.0003	0.9782	0.9781	0.0001
2023-12-15T14:34:53	1	0	44	43	1	1.0516	1.0515	-0.0001	0.9977	0.9977	0.0000
2023-12-15T14:35:21	1	0	44	44	0	1.0564	1.0564	0.0000	0.9938	0.9937	0.0001
2023-12-15T14:35:49	1	0	53	52	1	1.0544	1.0543	0.0000	-0.9986	-0.9987	0.0001
2023-12-15T14:35:49	3	0	56	55	1	1.0479	1.0479	-0.0001	-0.994	-0.9941	0.0001
2023-12-15T14:36:09	1	0	2	2	0	0.9884	0.9882	-0.0001	-0.998	-0.9979	-0.0001
2023-12-15T14:37:51	1	0	16	15	1	1.0489	1.0489	0.0000	0.9984	0.9983	0.0001
2023-12-15T14:40:06	1	0	3	2	1	1.0539	1.0521	-0.0018	-0.9937	-0.9937	0.0000
2023-12-15T14:41:15	1	0	10	11	-1	1.0385	1.0390	0.0005	0.9962	0.9962	0.0000
2023-12-15T14:43:07	1	0	631	630	1	1.0661	1.0661	0.0000	-0.9995	-0.9995	0.0000
2023-12-15T14:43:38	1	0	6	6	0	1.0298	1.0298	0.0000	0.9864	0.9863	0.0001
2023-12-15T14:44:05	3	0	2	2	0	1.0276	1.0274	-0.0003	-0.9929	-0.9929	0.0000
2023-12-15T14:47:28	1	0	12	12	0	1.0510	1.0510	0.0000	0.9961	0.996	0.0001
2023-12-15T14:48:34	1	0	2	2	0	1.0373	1.0372	-0.0002	-0.9998	-0.9997	-0.0001
2023-12-15T14:48:54	4	0	13	10	3	1.0513	1.0510	-0.0003	0.9745	0.9737	0.0008
2023-12-15T14:50:44	1	0	10	10	0	0.9484	0.9485	0.0001	0.9894	0.9894	0.0000
2023-12-15T14:50:50	1	0	71	70	1	1.0491	1.0491	0.0000	-0.9929	-0.9929	0.0000
2023-12-15T14:51:16	1	0	4	4	0	1.0524	1.0521	-0.0003	-1	-1	0.0000
2023-12-15T14:52:52	2	0	23	23	0	1.0481	1.0479	-0.0002	0.998	0.9979	0.0001
2023-12-15T14:53:28	1	0	6	6	0	1.0363	1.0363	0.0000	0.9992	0.9993	-0.0001
2023-12-15T14:58:04	1	0	154	150	4	1.0537	1.0536	-0.0001	1	1	0.0000
2023-12-15T15:02:44	1	0	133	132	1	1.0557	1.0557	0.0000	0.9822	0.9822	0.0000
2023-12-15T15:04:41	3	0	15	14	1	1.0392	1.0381	-0.0011	0.9862	0.9862	0.0000
2023-12-15T15:04:43	1	0	15	15	0	1.0436	1.0435	-0.0001	0.9883	0.9881	0.0002
2023-12-15T15:05:20	1	0	9	9	0	1.0408	1.0408	0.0000	0.9858	0.9858	0.0000
2023-12-15T15:13:24	1	0	2	2	0	1.0678	1.0676	-0.0002	0.999	0.999	0.0000
2023-12-15T15:19:05	1	0	86	83	3	0.9194	0.9199	0.0006	0.9932	0.9931	0.0001
2023-12-15T15:19:31	1	0	39	38	1	1.0507	1.0508	0.0002	0.9977	0.9981	-0.0004
2023-12-15T15:26:09	1	0	4	4	0	1.0229	1.0224	-0.0005	-0.9824	-0.9824	0.0000
2023-12-15T15:28:41	1	0	379	379	0	1.0593	1.0593	0.0000	0.9511	0.951	0.0001
2023-12-15T15:31:10	2	0	7	8	-1	1.0364	1.0361	-0.0003	0.9918	0.9769	0.0149
2023-12-15T15:31:24	1	0	3	0	3	0.9588	null	null	0.975	0.9751	-0.0001
2023-12-15T15:31:42	1	0	23	23	0	1.0532	1.0532	0.0000	-0.9999	-0.9999	0.0000
2023-12-15T15:35:47	1	0	12	12	0	0.9476	0.9476	0.0000	0.9965	0.9966	-0.0001
2023-12-15T15:43:11	1	0	731	731	0	1.0685	1.0685	0.0000	-0.9993	-0.9993	0.0000
2023-12-15T15:46:25	17	0	3	0	3	0.9554	null	null	0.9755	0.9766	-0.0011
2023-12-15T15:46:43	1	0	21	21	0	1.0519	1.0519	0.0000	-0.9998	-0.9998	0.0000
2023-12-15T16:01:26	13	0	3	3	0	0.9565	0.9570	0.0004	0.9775	0.9776	-0.0001
2023-12-15T16:01:44	1	0	21	21	0	1.0512	1.0512	0.0000	-0.9999	-0.9999	0.0000
2023-12-15T16:16:27	4	0	2	2	0	1.0164	1.0158	-0.0006	0.9836	0.9834	0.0002
2023-12-15T16:26:44	1	0	18	15	3	0.9867	0.9953	0.0086	0.999	0.999	0.0000
2023-12-15T16:31:46	1	0	16	16	0	1.0510	1.0510	0.0000	1	1	0.0000
2023-12-15T16:45:18	1	0	1	1	0	0.9426	0.9430	0.0004	0.9734	0.9731	0.0003
2023-12-15T18:29:20	1	0	1	1	0	0.9448	0.9448	0.0000	-0.9975	-0.9975	0.0000
2023-12-16T07:50:18	2	0	131	131	0	0.9404	0.9405	0.0001	-0.994	-0.9935	-0.0005
2023-12-16T07:51:53	1	0	34	34	0	0.9322	0.9322	0.0001	-0.9993	-0.9993	0.0000
2023-12-16T08:05:19	1	0	100	99	1	0.9411	0.9411	0.0000	-0.9935	-0.993	-0.0005
2023-12-16T08:06:54	1	0	46	46	0	0.9296	0.9296	0.0000	-0.9993	-0.9993	0.0000
2023-12-16T08:17:12	1	0	644	644	0	1.0662	1.0662	0.0000	-0.9917	-0.9917	0.0000
2023-12-16T08:18:17	1	0	87	85	2	0.9367	0.9369	0.0002	0.9902	0.9901	0.0001
2023-12-16T08:29:11	2	0	18	17	1	1.0548	1.0547	-0.0001	-0.967	-0.9662	-0.0008
2023-12-16T08:29:23	1	0	6	7	-1	1.0464	1.0462	-0.0002	1	1	0.0000
2023-12-16T08:36:47	1	0	1	1	0	0.9399	0.9402	0.0003	-0.9997	-0.9996	-0.0001
2023-12-16T08:57:43	2	0	186	180	6	1.0578	1.0578	-0.0001	-0.9961	-0.996	-0.0001
2023-12-16T08:58:43	1	0	2	2	0	0.9889	0.9888	-0.0002	0.9987	0.9987	0.0000

2023-12-16T09:02:15	1	0	715	715	0	1.0673	1.0673	0.0000	-0.9921	-0.9921	0.0000
2023-12-16T09:03:20	1	0	68	68	0	0.9385	0.9385	0.0000	0.9905	0.9905	0.0000
2023-12-16T09:03:58	1	0	3	3	0	1.0383	1.0383	0.0000	-1	-1	0.0000
2023-12-16T09:05:23	1	0	44	43	1	0.9418	0.9420	0.0002	-0.9906	-0.99	-0.0006
2023-12-16T09:06:49	1	0	1	1	0	0.9396	0.9401	0.0005	-0.9995	-0.9994	-0.0001
2023-12-16T09:14:02	2	0	4	3	1	0.9438	0.9443	0.0004	-0.9601	-0.9589	-0.0012
2023-12-16T09:14:28	1	0	9	9	0	1.0477	1.0477	0.0000	0.9999	0.9999	0.0000
2023-12-16T09:18:21	1	0	29	29	0	0.9427	0.9429	0.0001	0.9909	0.9909	0.0000
2023-12-16T09:20:23	1	0	17	17	0	1.0480	1.0480	-0.0001	0.992	0.992	0.0000
2023-12-16T09:21:59	1	0	5	5	0	0.9283	0.9286	0.0003	-0.9978	-0.9978	0.0000
2023-12-16T09:24:23	2	0	1	1	0	1.0324	1.0317	-0.0007	0.9934	0.9874	0.0060
2023-12-16T09:27:45	4	0	402	400	2	1.0626	1.0625	-0.0001	-0.9942	-0.9943	0.0001
2023-12-16T09:29:15	1	0	23	22	1	1.0537	1.0535	-0.0003	-0.9609	-0.9602	-0.0007
2023-12-16T09:31:04	1	0	4	4	0	1.0275	1.0275	-0.0001	-0.9986	-0.9987	0.0001
2023-12-16T09:33:42	3	0	3	3	0	1.0023	1.0018	-0.0005	-0.9889	-0.989	0.0001
2023-12-16T09:45:44	2	0	1	1	0	0.9638	0.9647	0.0009	1	1	0.0000
2023-12-16T09:46:52	1	0	1	1	0	1.0392	1.0387	-0.0005	-0.9999	-0.9999	0.0000
2023-12-16T09:48:34	1	0	6	6	0	1.0371	1.0368	-0.0003	0.991	0.9909	0.0001
2023-12-16T09:48:34	1	0	20	19	1	1.0505	1.0504	-0.0001	-0.9974	-0.9974	0.0000
2023-12-16T09:50:18	1	0	3	3	0	1.0408	1.0406	-0.0002	1	1	0.0000
2023-12-16T09:50:30	4	0	8	7	1	1.0483	1.0474	-0.0009	1	0.9999	0.0001
2023-12-16T09:55:34	1	0	9	9	0	1.0366	1.0365	-0.0001	0.9892	0.9892	0.0000
2023-12-16T09:56:52	1	0	16	15	1	1.0561	1.0561	0.0000	0.9913	0.9913	0.0000
2023-12-16T09:57:47	1	0	610	608	2	1.0665	1.0664	0.0000	-0.9936	-0.9936	0.0000
2023-12-16T09:59:06	1	0	1	1	0	1.0574	1.0570	-0.0004	-0.9611	-0.9602	-0.0009
2023-12-16T09:59:31	4	0	15	12	3	1.0488	1.0487	-0.0001	0.9998	0.9998	0.0000
2023-12-16T10:02:14	5	0	14	13	1	1.0490	1.0483	-0.0007	-0.9998	-0.9998	0.0000
2023-12-16T10:03:44	3	0	3	3	0	1.0024	1.0023	0.0000	-0.9918	-0.9918	0.0000
2023-12-16T10:03:55	1	0	6	6	0	1.0403	1.0402	-0.0001	-0.9847	-0.9847	0.0000
2023-12-16T10:05:05	1	0	74	73	1	1.0577	1.0577	0.0000	0.9966	0.9966	0.0000
2023-12-16T10:05:19	1	0	4	4	0	1.0443	1.0442	-0.0001	-0.9999	-0.9999	0.0000
2023-12-16T10:05:26	1	0	7	6	1	1.0440	1.0449	0.0009	0.9771	0.977	0.0001
2023-12-16T10:10:46	2	0	1	0	1	1.0270	null	null	-0.9888	-0.9887	-0.0001
2023-12-16T10:10:48	1	0	363	358	5	0.9140	0.9144	0.0003	0.959	0.9521	0.0069
2023-12-16T10:11:53	1	0	20	19	1	1.0573	1.0572	-0.0001	0.991	0.9909	0.0001
2023-12-16T10:14:24	2	0	10	10	0	1.0455	1.0454	0.0000	-0.996	-0.9961	0.0001
2023-12-16T10:14:32	3	0	15	15	0	1.0502	1.0502	0.0000	0.9999	1	-0.0001
2023-12-16T10:15:51	1	0	3	3	0	1.0451	1.0447	-0.0004	0.9201	0.9448	-0.0247
2023-12-16T10:18:36	3	0	1	0	1	0.9805	null	null	0.9785	0.9786	-0.0001
2023-12-16T10:19:54	1	0	3	1	2	1.0529	1.0454	-0.0075	-0.9954	-0.9959	0.0005
2023-12-16T10:20:06	1	0	95	96	-1	1.0590	1.0589	0.0000	0.9964	0.9963	0.0001
2023-12-16T10:21:43	2	0	21	21	0	1.0501	1.0500	-0.0001	-0.9972	-0.9972	0.0000
2023-12-16T10:23:14	1	0	118	117	1	1.0554	1.0554	0.0000	-0.9695	-0.9693	-0.0002
2023-12-16T10:24:25	1	0	18	18	0	1.0425	1.0424	-0.0001	0.9688	0.9685	0.0003
2023-12-16T10:26:54	1	0	18	17	1	1.0568	1.0568	0.0000	0.9909	0.9909	0.0000
2023-12-16T10:28:03	1	0	13	11	2	1.0506	1.0494	-0.0012	0.9999	0.9999	0.0000
2023-12-16T10:28:04	1	0	4	4	0	1.0517	1.0516	-0.0001	0.9986	0.9986	0.0000
2023-12-16T10:30:19	1	0	184	180	4	1.0501	1.0500	-0.0001	0.9999	0.9999	0.0000
2023-12-16T10:30:52	6	0	4	4	0	1.0276	1.0276	0.0000	0.9195	0.9426	-0.0231
2023-12-16T10:31:24	1	0	2	2	0	1.0286	1.0283	-0.0004	-0.9583	-0.9578	-0.0005
2023-12-16T10:33:37	1	0	3	3	0	1.0524	1.0522	-0.0002	0.9794	0.9794	0.0000
2023-12-16T10:33:46	2	0	2	2	0	1.0359	1.0355	-0.0004	-0.9877	-0.9879	0.0002
2023-12-16T10:33:54	1	0	1	1	0	1.0080	1.0077	-0.0003	0.9856	0.9852	0.0004
2023-12-16T10:34:04	7	0	21	15	6	1.0473	1.0477	0.0004	-0.9992	-0.9992	0.0000
2023-12-16T10:36:33	2	0	12	12	0	1.0526	1.0524	-0.0002	0.9976	0.9975	0.0001
2023-12-16T10:37:07	2	0	3	3	0	0.9496	0.9493	-0.0002	-0.9973	-0.9974	0.0001
2023-12-16T10:39:26	1	0	22	22	0	1.0434	1.0434	0.0000	0.9666	0.9663	0.0003
2023-12-16T10:40:13	2	0	1	1	0	1.0318	1.0309	-0.0009	0.9983	0.9982	0.0001
2023-12-16T10:40:22	1	0	13	12	1	1.0513	1.0509	-0.0004	0.9981	0.9981	0.0000
2023-12-16T10:41:18	1	0	10	10	0	1.0518	1.0518	0.0000	0.9996	0.9996	0.0000
2023-12-16T10:43:45	1	0	3	3	0	1.0396	1.0395	-0.0001	0.97	0.9698	0.0002
2023-12-16T10:45:20	4	0	156	137	19	1.0590	1.0584	-0.0006	0.9997	0.9996	0.0001
2023-12-16T10:46:47	3	0	4	4	0	1.0484	1.0474	-0.0011	-0.9876	-0.9879	0.0003
2023-12-16T10:47:09	1	0	2	2	0	1.0311	1.0310	-0.0002	0.9973	0.9972	0.0001
2023-12-16T10:47:18	2	0	23	23	0	1.0520	1.0516	-0.0004	-0.9996	-0.9996	0.0000
2023-12-16T10:49:05	1	0	20	19	1	1.0491	1.0492	0.0001	-0.999	-0.999	0.0000
2023-12-16T10:49:56	1	0	4	3	1	1.0553	1.0539	-0.0014	-0.9941	-0.9946	0.0005
2023-12-16T10:50:08	1	0	106	104	2	1.0598	1.0597	-0.0001	0.9984	0.9983	0.0001
2023-12-16T10:50:29	2	0	16	16	0	1.0473	1.0472	-0.0001	0.9765	0.9761	0.0004
2023-12-16T10:50:34	3	0	13	13	0	1.0527	1.0525	-0.0001	-1	-1	0.0000
2023-12-16T10:50:36	1	0	6	5	1	1.0463	1.0443	-0.0021	-0.9938	-0.9939	0.0001
2023-12-16T10:51:18	2	0	4	4	0	1.0294	1.0293	-0.0001	0.9968	0.9969	-0.0001
2023-12-16T10:52:48	1	0	2	2	0	1.0509	1.0508	-0.0002	-0.9993	-0.9994	0.0001
2023-12-16T10:58:09	2	0	38	37	1	1.0514	1.0513	-0.0001	1	1	0.0000
2023-12-16T10:59:27	1	0	11	11	0	1.0469	1.0469	0.0000	-0.9941	-0.9941	0.0000
2023-12-16T11:00:21	1	0	179	173	6	1.0599	1.0589	-0.0010	1	1	0.0000
2023-12-16T11:00:41	2	0	10	10	0	1.0468	1.0466	-0.0002	-0.9995	-0.9996	0.0001
2023-12-16T11:00:54	1	0	4	4	0	1.0291	1.0288	-0.0003	0.9119	0.9112	0.0007
2023-12-16T11:01:31	1	0	6	6	0	1.0434	1.0428	-0.0006	0.9963	0.9961	0.0002
2023-12-16T11:02:19	4	0	29	25	4	1.0533	1.0534	0.0001	-0.9996	-0.9996	0.0000
2023-12-16T11:03:39	2	0	14	13	1	1.0404	1.0386	-0.0018	0.9889	0.9887	0.0002
2023-12-16T11:03:48	2	0	2	2	0	1.0350	1.0343	-0.0007	-0.9802	-0.9803	0.0001
2023-12-16T11:04:10	1	0	2	2	0	1.0358	1.0356	-0.0002	-0.9885	-0.9885	0.0000
2023-12-16T11:05:35	5	0	15	14	1	1.0518	1.0513	-0.0005	-0.9998	-0.9999	0.0001
2023-12-16T11:06:43	3	0	1	1	0	1.0336	1.0330	-0.0006	0.9775	0.9765	0.0010

2023-12-16T11:07:49	1	0	2	2	0	1.0527	1.0525	-0.0002	1	1	0.0000
2023-12-16T11:09:28	1	0	24	24	0	1.0450	1.0449	0.0000	0.9679	0.9676	0.0003
2023-12-16T11:09:51	2	0	2	0	2	1.0554	null	null	-0.9964	-0.9966	0.0002
2023-12-16T11:10:50	3	0	1	1	0	1.0309	1.0282	-0.0027	-0.9857	-0.9863	0.0006
2023-12-16T11:11:01	1	0	29	25	4	0.9477	0.9482	0.0005	0.99	0.9899	0.0001
2023-12-16T11:14:36	1	0	25	25	0	1.0516	1.0516	0.0000	1	1	0.0000
2023-12-16T11:15:59	1	0	10	10	0	1.0507	1.0506	-0.0001	-0.9773	-0.9775	0.0002
2023-12-16T11:16:10	1	0	5	5	0	1.0278	1.0276	-0.0002	-1	-1	0.0000
2023-12-16T11:16:49	7	0	4	3	1	1.0467	1.0461	-0.0006	-0.9843	-0.9847	0.0004
2023-12-16T11:19:07	3	0	38	37	1	1.0510	1.0508	-0.0003	-0.999	-0.999	0.0000
2023-12-16T11:20:06	2	0	2	2	0	1.0352	1.0346	-0.0006	0.9999	0.9999	0.0000
2023-12-16T11:20:59	2	0	5	5	0	1.0558	1.0555	-0.0003	0.9996	0.9995	0.0001
2023-12-16T11:24:31	1	0	4	4	0	1.0543	1.0539	-0.0004	-0.9998	-0.9998	0.0000
2023-12-16T11:24:47	2	0	6	6	0	1.0409	1.0408	-0.0001	-0.9957	-0.9958	0.0001
2023-12-16T11:24:52	2	0	2	2	0	1.0581	1.0581	-0.0001	-0.9959	-0.9959	0.0000
2023-12-16T11:25:51	1	0	2	2	0	1.0300	1.0291	-0.0009	-0.9864	-0.9864	0.0000
2023-12-16T11:27:15	2	0	1	2	-1	1.0281	1.0268	-0.0013	-0.9736	-0.974	0.0004
2023-12-16T11:28:09	2	0	3	3	0	1.0627	1.0626	-0.0001	0.9911	0.991	0.0001
2023-12-16T11:28:48	1	0	3	3	0	1.0475	1.0475	0.0000	0.9684	0.9685	-0.0001
2023-12-16T11:29:12	1	0	1	1	0	1.0756	1.0756	0.0000	-0.9452	-0.9443	-0.0009
2023-12-16T11:29:57	3	0	1	1	0	1.0117	1.0108	-0.0009	0.9862	0.9861	0.0001
2023-12-16T11:33:30	1	0	1	1	0	1.0313	1.0313	0.0000	0.992	0.9919	0.0001
2023-12-16T11:35:07	4	0	6	5	1	1.0479	1.0459	-0.0020	1	1	0.0000
2023-12-16T11:37:11	1	0	2	2	0	0.9049	0.9049	0.0000	-0.9974	-0.9974	0.0000
2023-12-16T11:39:48	1	0	5	5	0	1.0413	1.0412	-0.0001	-0.9947	-0.9947	0.0000
2023-12-16T11:43:49	1	0	3	3	0	1.0478	1.0478	0.0000	0.9668	0.9669	-0.0001
2023-12-16T11:44:30	2	0	9	9	0	1.0483	1.0482	0.0000	-0.9965	-0.9965	0.0000
2023-12-16T11:44:46	1	0	29	28	1	1.0461	1.0458	-0.0003	-0.9932	-0.9932	0.0000
2023-12-16T11:44:49	1	0	26	25	1	1.0476	1.0477	0.0001	0.9972	0.9972	0.0000
2023-12-16T11:45:23	1	0	18	17	1	1.0468	1.0463	-0.0005	0.999	0.999	0.0000
2023-12-16T11:45:57	5	0	9	9	0	1.0475	1.0473	-0.0002	0.9486	0.9491	-0.0005
2023-12-16T11:46:12	5	0	7	7	0	1.0269	1.0268	-0.0001	-1	-1	0.0000
2023-12-16T11:50:08	2	0	2	2	0	1.0329	1.0329	0.0000	1	1	0.0000
2023-12-16T11:50:26	2	0	3	3	0	1.0458	1.0457	-0.0001	-0.9997	-0.9996	-0.0001
2023-12-16T11:50:40	1	0	30	30	0	1.0477	1.0477	0.0000	-0.989	-0.989	0.0000
2023-12-16T11:58:50	1	0	2	2	0	1.0461	1.0461	0.0000	0.9627	0.9627	0.0000
2023-12-16T11:58:55	2	0	2	2	0	1.0239	1.0226	-0.0013	0.9996	0.9995	0.0001
2023-12-16T12:03:02	2	0	5	4	1	1.0502	1.0483	-0.0019	0.9723	0.9722	0.0001
2023-12-16T12:03:32	1	0	1	1	0	1.0320	1.0320	0.0000	0.9913	0.9911	0.0002
2023-12-16T12:05:09	1	0	1	1	0	1.0556	1.0556	0.0000	1	1	0.0000
2023-12-16T12:08:21	1	0	103	102	1	1.0540	1.0540	0.0000	-0.9639	-0.9639	0.0000
2023-12-16T12:17:37	1	0	1	1	0	1.0580	1.0576	-0.0004	0.9923	0.9923	0.0000
2023-12-16T12:23:20	1	0	1	1	0	1.0222	1.0222	0.0000	-0.999	-0.999	0.0000
2023-12-16T12:23:22	1	0	129	128	1	1.0563	1.0563	0.0000	-0.9589	-0.9586	-0.0003
2023-12-16T12:31:15	4	0	4	4	0	1.0246	1.0245	-0.0001	0.9985	0.9986	-0.0001
2023-12-16T12:34:01	2	0	3	2	1	1.0431	1.0367	-0.0064	0.9665	0.9645	0.0020
2023-12-16T12:38:23	1	0	146	145	1	1.0564	1.0564	0.0000	-0.9558	-0.9555	-0.0003
2023-12-16T12:42:55	1	0	14	13	1	1.0473	1.0467	-0.0006	-0.9976	-0.9976	0.0000
2023-12-16T12:43:58	1	0	2	3	-1	1.0290	1.0381	0.0091	0.9998	0.9998	0.0000
2023-12-16T12:46:01	4	0	50	41	9	1.0548	1.0539	-0.0009	0.9719	0.9727	-0.0008
2023-12-16T12:56:02	1	0	10	10	0	1.0489	1.0487	-0.0002	0.9982	0.9982	0.0000
2023-12-16T12:58:31	3	0	30	29	1	1.0518	1.0515	-0.0002	0.9974	0.9976	-0.0002
2023-12-16T13:05:31	1	0	3	3	0	1.0451	1.0450	-0.0001	-0.9978	-0.9977	-0.0001
2023-12-16T13:08:25	3	0	145	145	0	1.0566	1.0566	0.0000	-0.9658	-0.9656	-0.0002
2023-12-16T13:10:11	1	0	3	3	0	1.0435	1.0435	0.0000	0.9988	0.9988	0.0000
2023-12-16T13:13:13	1	0	13	12	1	1.0525	1.0522	-0.0003	0.9784	0.9784	0.0000
2023-12-16T13:17:10	2	0	25	23	2	1.0495	1.0490	-0.0005	-0.9387	-0.9386	-0.0001
2023-12-16T13:22:17	1	0	14	13	1	1.0480	1.0474	-0.0006	-0.9991	-0.9991	0.0000
2023-12-16T13:25:00	1	0	2	2	0	1.0598	1.0585	-0.0013	-0.994	-0.9941	0.0001
2023-12-16T13:27:53	2	0	1	0	1	1.0556	null	null	0.9997	0.9998	-0.0001
2023-12-16T13:28:53	2	0	13	14	-1	1.0539	1.0527	-0.0012	-0.977	-0.9816	0.0046
2023-12-16T13:29:52	1	0	1	0	1	1.0554	null	null	0.9996	0.9996	0.0000
2023-12-16T13:46:20	2	0	6	6	0	1.0237	1.0237	-0.0001	0.9991	0.999	0.0001
2023-12-16T13:47:43	1	0	1	1	0	1.0599	1.0597	-0.0002	0.9934	0.9911	0.0023
2023-12-16T13:50:48	2	0	38	36	2	1.0477	1.0471	-0.0006	-0.9839	-0.9839	0.0000
2023-12-16T13:54:39	2	0	20	23	-3	1.0450	1.0444	-0.0007	0.9609	0.9607	0.0002
2023-12-16T14:01:06	4	0	50	46	4	1.0577	1.0570	-0.0007	0.9473	0.9463	0.0010
2023-12-16T14:01:24	2	0	3	3	0	1.0547	1.0545	-0.0002	-0.998	-0.998	0.0000
2023-12-16T14:02:44	1	0	2	2	0	1.0577	1.0577	0.0000	0.9982	0.9982	0.0000
2023-12-16T14:05:47	12	0	16	16	0	1.0496	1.0486	-0.0010	-0.9979	-0.9979	0.0000
2023-12-16T14:06:11	2	0	11	10	1	1.0495	1.0498	0.0003	-0.9996	-0.9997	0.0001
2023-12-16T14:11:59	1	0	1	1	0	1.0558	1.0554	-0.0004	0.9943	0.9941	0.0002
2023-12-16T14:12:05	2	0	1	1	0	1.0563	1.0554	-0.0009	0.9885	0.9883	0.0002
2023-12-16T14:16:25	2	0	3	3	0	1.0552	1.0551	-0.0001	-0.997	-0.997	0.0000
2023-12-16T14:16:44	1	0	9	10	-1	1.0420	1.0424	0.0004	0.9963	0.9964	-0.0001
2023-12-16T14:18:52	3	0	4	4	0	1.0233	1.0237	0.0003	0.9645	0.9648	-0.0003
2023-12-16T14:18:52	3	0	86	86	0	1.0584	1.0583	-0.0001	-0.9915	-0.9918	0.0003
2023-12-16T14:20:18	1	0	6	6	0	1.0397	1.0397	0.0000	-0.9999	-0.9999	0.0000
2023-12-16T14:20:48	8	0	16	16	0	1.0486	1.0492	0.0006	-0.998	-0.9987	0.0007
2023-12-16T14:20:50	2	0	41	41	0	1.0476	1.0476	0.0000	-0.9823	-0.9824	0.0001
2023-12-16T14:21:12	1	0	17	17	0	1.0490	1.0489	0.0000	-0.9977	-0.9978	0.0001
2023-12-16T14:23:20	3	0	3	3	0	1.0588	1.0584	-0.0005	-0.9866	-0.9867	0.0001
2023-12-16T14:24:41	2	0	30	29	1	1.0481	1.0479	-0.0001	0.9629	0.96	0.0029
2023-12-16T14:31:08	3	0	51	48	3	1.0570	1.0567	-0.0003	0.9386	0.9381	0.0005
2023-12-16T14:31:26	2	0	3	3	0	1.0549	1.0548	-0.0001	-0.9974	-0.9974	0.0000

2023-12-16T14:31:45	1	0	11	11	0	1.0445	1.0444	-0.0001	0.9971	0.9971	0.0000
2023-12-16T14:32:12	1	0	2	2	0	1.0367	1.0364	-0.0003	-0.9996	-0.9996	0.0000
2023-12-16T14:32:33	1	0	21	20	1	1.0506	1.0508	0.0002	0.9999	0.9999	0.0000
2023-12-16T14:33:53	2	0	77	74	3	1.0568	1.0567	-0.0001	-0.9908	-0.9909	0.0001
2023-12-16T14:33:53	3	0	4	4	0	1.0242	1.0242	-0.0001	0.965	0.9649	0.0001
2023-12-16T14:35:49	8	0	16	15	1	1.0488	1.0487	-0.0001	-0.9973	-0.998	0.0007
2023-12-16T14:36:13	1	0	10	10	0	1.0505	1.0505	0.0000	-0.9986	-0.9986	0.0000
2023-12-16T14:37:56	1	0	18	18	0	1.0478	1.0477	0.0000	-1	-1	0.0000
2023-12-16T14:39:42	1	0	26	26	0	1.0444	1.0444	0.0000	0.9627	0.9625	0.0002
2023-12-16T14:41:09	1	0	5	5	0	1.0476	1.0475	-0.0002	0.9983	0.9982	0.0001
2023-12-16T14:42:07	1	0	3	3	0	1.0354	1.0352	-0.0002	0.9839	0.9838	0.0001
2023-12-16T14:46:27	2	0	1	1	0	1.0522	1.0521	-0.0001	-0.9979	-0.9979	0.0000
2023-12-16T14:46:46	1	0	9	9	0	1.0417	1.0417	-0.0001	0.9956	0.9957	-0.0001
2023-12-16T14:47:34	1	0	18	18	0	1.0483	1.0483	-0.0001	-0.9996	-0.9996	0.0000
2023-12-16T14:50:50	3	0	16	16	0	1.0475	1.0475	0.0000	-0.9982	-0.9983	0.0001
2023-12-16T14:50:52	3	0	44	44	0	1.0470	1.0470	0.0000	-0.9798	-0.9798	0.0000
2023-12-16T14:52:24	3	0	3	3	0	0.9536	0.9534	-0.0002	-0.9872	-0.9877	0.0005
2023-12-16T14:58:39	1	0	15	15	0	1.0462	1.0461	0.0000	0.9881	0.988	0.0001
2023-12-16T15:03:55	3	0	9	10	-1	0.9693	0.9667	-0.0025	0.9641	0.9645	-0.0004
2023-12-16T15:20:52	3	0	15	15	0	1.0505	1.0503	-0.0002	-0.9983	-0.9983	0.0000
2023-12-16T15:37:15	3	0	1	1	0	1.0089	1.0081	-0.0008	0.9936	0.9937	-0.0001
2023-12-16T15:40:42	1	0	34	33	1	1.0555	1.0555	0.0000	0.9999	0.9999	0.0000
2023-12-16T15:47:42	1	0	797	797	0	1.0726	1.0725	0.0000	-0.9862	-0.9861	-0.0001
2023-12-16T16:00:02	1	0	1	1	0	1.0349	1.0347	-0.0002	0.9996	0.9996	0.0000
2023-12-16T16:37:19	4	0	3	3	0	0.9556	0.9573	0.0017	0.9922	0.9922	0.0000
2023-12-16T18:34:18	1	0	67	67	0	0.9248	0.9248	0.0000	-0.9965	-0.9964	-0.0001
2023-12-16T18:36:00	1	0	3	3	0	1.0342	1.0342	0.0000	0.9693	0.9689	0.0004
2023-12-16T18:36:01	1	0	199	199	0	0.9265	0.9265	0.0000	0.9986	0.9987	-0.0001
2023-12-16T18:36:05	4	0	7	7	0	1.0462	1.0462	0.0000	-0.9996	-0.9996	0.0000
2023-12-16T18:36:09	3	0	18	18	0	1.0441	1.0441	0.0000	-0.9859	-0.9858	-0.0001
2023-12-16T18:36:49	2	0	2	2	0	1.0271	1.0270	-0.0001	0.9989	0.9987	0.0002
2023-12-17T07:50:22	2	0	93	91	2	0.9433	0.9434	0.0000	1	1	0.0000
2023-12-17T07:57:43	2	0	575	573	2	1.0640	1.0640	0.0000	-0.9875	-0.9874	-0.0001
2023-12-17T07:58:15	3	0	499	499	0	1.0587	1.0587	0.0000	-0.9981	-0.998	-0.0001
2023-12-17T07:59:13	2	0	30	30	0	1.0549	1.0548	-0.0001	-0.9389	-0.9383	-0.0006
2023-12-17T08:05:23	1	0	225	225	0	0.9325	0.9325	0.0000	0.9986	0.9988	-0.0002
2023-12-17T08:10:18	2	0	255	255	0	1.0603	1.0602	0.0000	0.9995	0.9995	0.0000
2023-12-17T08:10:41	2	0	1	1	0	1.0101	1.0094	-0.0007	-0.9891	-0.9888	-0.0003
2023-12-17T08:18:20	1	0	3	3	0	0.9953	0.9954	0.0001	0.9978	0.9977	0.0001
2023-12-17T08:29:29	1	0	15	15	0	1.0487	1.0487	0.0000	-0.997	-0.9969	-0.0001
2023-12-17T08:32:16	1	0	792	792	0	1.0710	1.0710	0.0000	-0.9835	-0.9833	-0.0002
2023-12-17T08:47:17	1	0	781	781	0	1.0699	1.0699	0.0000	-0.9868	-0.9868	0.0000
2023-12-17T08:51:49	1	0	3	3	0	0.9578	0.9582	0.0003	0.9914	0.9914	0.0000
2023-12-17T08:55:44	2	0	31	31	0	0.9516	0.9515	-0.0001	-0.9931	-0.9925	-0.0006
2023-12-17T08:57:47	1	0	466	466	0	1.0620	1.0620	0.0000	-0.9869	-0.9868	-0.0001
2023-12-17T09:02:18	2	0	784	784	0	1.0704	1.0704	0.0000	-0.9867	-0.9867	0.0000
2023-12-17T09:05:25	1	0	13	13	0	1.0469	1.0468	0.0000	0.994	0.994	0.0000
2023-12-17T09:05:27	1	0	179	179	0	0.9319	0.9321	0.0003	0.9979	0.9981	-0.0002
2023-12-17T09:09:26	2	0	5	5	0	1.0487	1.0484	-0.0004	0.9985	0.9985	0.0000
2023-12-17T09:12:48	2	0	447	445	2	1.0615	1.0615	-0.0001	-0.9896	-0.9896	0.0000
2023-12-17T09:14:18	1	0	15	14	1	1.0543	1.0542	-0.0001	-0.941	-0.9403	-0.0007
2023-12-17T09:14:32	1	0	12	12	0	1.0477	1.0477	0.0000	-0.9978	-0.9979	0.0001
2023-12-17T09:18:24	1	0	7	7	0	0.9556	0.9559	0.0003	0.9945	0.9944	0.0001
2023-12-17T09:18:37	3	0	12	12	0	0.9468	0.9473	0.0005	0.9812	0.9815	-0.0003
2023-12-17T09:21:51	4	0	3	3	0	0.9520	0.9535	0.0015	0.9897	0.9898	-0.0001
2023-12-17T09:27:49	2	0	412	407	5	1.0615	1.0615	0.0000	-0.99	-0.99	0.0000
2023-12-17T09:28:48	1	0	1	1	0	1.0380	1.0374	-0.0006	0.999	0.999	0.0000
2023-12-17T09:30:47	2	0	1	0	1	0.9706	null	null	0.9971	0.9971	0.0000
2023-12-17T09:31:07	1	0	2	2	0	1.0105	1.0103	-0.0002	-0.9996	-0.9996	0.0000
2023-12-17T09:33:25	1	0	2	2	0	0.9717	0.9719	0.0002	0.9967	0.9965	0.0002
2023-12-17T09:35:27	1	0	3	3	0	1.0397	1.0393	-0.0004	0.9921	0.9921	0.0000
2023-12-17T09:35:31	8	0	3	3	0	1.0204	1.0209	0.0005	-0.9995	-0.9995	0.0000
2023-12-17T09:40:47	1	0	2	2	0	0.9834	0.9832	-0.0002	-0.9945	-0.9944	-0.0001
2023-12-17T09:45:51	7	0	36	25	11	1.0559	1.0547	-0.0012	0.9826	0.9817	0.0009
2023-12-17T09:48:39	1	0	19	19	0	1.0509	1.0508	-0.0001	-0.9941	-0.9961	0.0020
2023-12-17T09:49:05	1	0	3	3	0	1.0428	1.0427	-0.0001	-0.9988	-0.9988	0.0000
2023-12-17T09:51:53	17	0	4	4	0	0.9634	0.9653	0.0020	0.9876	0.9883	-0.0007
2023-12-17T09:55:25	1	0	26	24	2	1.0545	1.0544	-0.0001	0.9994	0.9994	0.0000
2023-12-17T09:57:51	1	0	442	438	4	1.0617	1.0617	0.0000	-0.9914	-0.9915	0.0001
2023-12-17T09:59:42	1	0	1	1	0	1.0345	1.0341	-0.0004	0.9996	0.9995	0.0001
2023-12-17T10:00:49	2	0	1	1	0	0.9638	0.9641	0.0003	0.9962	0.9962	0.0000
2023-12-17T10:00:52	1	0	62	62	0	1.0700	1.0665	-0.0035	0.9904	0.9791	0.0113
2023-12-17T10:01:14	2	0	1	0	1	1.0514	null	null	-0.9998	-0.9998	0.0000
2023-12-17T10:02:14	1	0	3	3	0	1.0318	1.0315	-0.0003	0.9973	0.9973	0.0000
2023-12-17T10:02:20	5	0	3	3	0	1.0365	1.0351	-0.0013	-0.9989	-0.999	0.0001
2023-12-17T10:03:49	2	0	51	48	3	0.9339	0.9347	0.0008	-0.9904	-0.9903	-0.0001
2023-12-17T10:03:59	1	0	2	2	0	1.0191	1.0188	-0.0003	-0.9793	-0.9793	0.0000
2023-12-17T10:04:57	2	0	7	4	3	1.0527	1.0489	-0.0038	-0.9924	-0.9934	0.0010
2023-12-17T10:05:13	3	0	1	1	0	0.9433	0.9447	0.0014	-0.9834	-0.9824	-0.0010
2023-12-17T10:05:29	2	0	13	11	2	1.0492	1.0486	-0.0005	0.9936	0.9935	0.0001
2023-12-17T10:05:33	2	0	1	1	0	0.9742	0.9751	0.0009	-0.9997	-0.9997	0.0000
2023-12-17T10:10:52	1	0	1	1	0	1.0308	1.0292	-0.0016	0.9696	0.9833	-0.0137
2023-12-17T10:11:20	1	0	11	11	0	0.9837	0.9841	0.0004	0.9997	0.9997	0.0000
2023-12-17T10:14:11	1	0	2	2	0	1.0479	1.0477	-0.0002	-0.9656	-0.9649	-0.0007
2023-12-17T10:14:36	4	0	10	10	0	1.0491	1.0491	-0.0001	-0.9983	-0.9983	0.0000

2023-12-17T10:15:20	2	0	77	75	2	1.0519	1.0518	-0.0001	-0.9988	-0.9988	0.0000
2023-12-17T10:16:12	1	0	2	2	0	1.0100	1.0100	0.0000	-0.9999	-0.9999	0.0000
2023-12-17T10:17:21	2	0	3	3	0	1.0365	1.0359	-0.0005	-0.9992	-0.9992	0.0000
2023-12-17T10:20:34	5	0	3	2	1	1.0213	1.0081	-0.0132	-0.9998	-0.9998	0.0000
2023-12-17T10:21:55	1	0	4	4	0	0.9664	0.9665	0.0000	0.9936	0.9939	-0.0003
2023-12-17T10:25:50	1	0	4	4	0	0.9775	0.9774	-0.0001	-0.9953	-0.9952	-0.0001
2023-12-17T10:29:27	2	0	7	7	0	1.0446	1.0446	-0.0001	-0.9921	-0.9921	0.0000
2023-12-17T10:29:37	4	0	15	13	2	1.0513	1.0505	-0.0009	-0.9984	-0.9979	-0.0005
2023-12-17T10:30:23	6	0	89	85	4	1.0562	1.0561	-0.0001	0.9998	0.9997	0.0001
2023-12-17T10:34:08	3	0	3	3	0	1.0431	1.0429	-0.0002	-0.9988	-0.9988	0.0000
2023-12-17T10:35:11	1	0	72	70	2	1.0571	1.0571	0.0000	0.9978	0.9978	0.0000
2023-12-17T10:35:35	1	0	1	1	0	0.9770	0.9773	0.0003	-0.9997	-0.9997	0.0000
2023-12-17T10:36:40	2	0	3	3	0	1.0474	1.0473	-0.0002	0.9996	0.9996	0.0000
2023-12-17T10:39:39	2	0	14	14	0	1.0458	1.0457	-0.0001	0.9732	0.9731	0.0001
2023-12-17T10:40:28	1	0	13	12	1	1.0519	1.0516	-0.0004	0.9991	0.9991	0.0000
2023-12-17T10:44:38	1	0	16	16	0	1.0486	1.0486	0.0000	-0.9976	-0.9976	0.0000
2023-12-17T10:45:22	1	0	98	97	1	1.0521	1.0521	0.0000	-0.9992	-0.9992	0.0000
2023-12-17T10:45:24	3	0	70	63	7	1.0554	1.0551	-0.0003	0.9997	0.9996	0.0001
2023-12-17T10:45:37	2	0	1	1	0	1.0242	1.0237	-0.0005	-0.9883	-0.9884	0.0001
2023-12-17T10:45:55	1	0	7	8	-1	1.0519	1.0528	0.0009	0.9881	0.9875	0.0006
2023-12-17T10:46:50	4	0	1	1	0	1.0400	1.0388	-0.0012	-0.9832	-0.9706	-0.0126
2023-12-17T10:48:43	1	0	1	0	1	1.0555	null	null	0.9932	0.9932	0.0000
2023-12-17T10:48:58	2	0	2	1	1	1.0487	1.0411	-0.0076	0.9752	0.9752	0.0000
2023-12-17T10:49:02	1	0	2	2	0	1.0182	1.0179	-0.0002	-0.9812	-0.9812	0.0000
2023-12-17T10:49:06	1	0	2	2	0	1.0347	1.0346	-0.0002	-0.9883	-0.9883	0.0000
2023-12-17T10:50:12	2	0	60	59	1	1.0556	1.0557	0.0002	0.9975	0.9973	0.0002
2023-12-17T10:50:32	1	0	4	3	1	1.0444	1.0394	-0.0050	0.9909	0.9909	0.0000
2023-12-17T10:51:22	2	0	8	8	0	1.0326	1.0325	-0.0001	0.9993	0.9993	0.0000
2023-12-17T10:55:52	1	0	3	3	0	0.9444	0.9447	0.0003	-0.9961	-0.996	-0.0001
2023-12-17T10:58:13	1	0	2	2	0	1.0615	1.0613	-0.0002	0.9991	0.9991	0.0000
2023-12-17T10:59:29	1	0	7	7	0	1.0436	1.0436	0.0000	-0.9934	-0.9933	-0.0001
2023-12-17T10:59:39	1	0	15	15	0	1.0498	1.0498	0.0000	-0.9977	-0.9976	-0.0001
2023-12-17T11:01:34	1	0	2	2	0	1.0380	1.0374	-0.0005	0.9968	0.9968	0.0000
2023-12-17T11:02:03	1	0	1	1	0	1.0398	1.0390	-0.0008	-1	-1	0.0000
2023-12-17T11:03:31	1	0	5	5	0	1.0172	1.0172	-0.0001	0.9937	0.9935	0.0002
2023-12-17T11:04:16	1	0	2	2	0	1.0365	1.0362	-0.0003	-0.9989	-0.9989	0.0000
2023-12-17T11:05:33	1	0	1	0	1	1.0575	null	null	0.9929	0.9896	0.0033
2023-12-17T11:06:02	2	0	2	2	0	1.0670	1.0665	-0.0005	-0.9999	-0.9999	0.0000
2023-12-17T11:11:55	1	0	1	0	1	1.0257	null	null	0.9864	0.9864	0.0000
2023-12-17T11:14:40	1	0	9	9	0	1.0501	1.0498	-0.0003	-0.9981	-0.9985	0.0004
2023-12-17T11:15:26	2	0	124	117	7	1.0575	1.0573	-0.0001	0.9999	0.9999	0.0000
2023-12-17T11:18:45	1	0	31	30	1	1.0546	1.0545	-0.0001	-0.994	-0.996	0.0020
2023-12-17T11:18:54	2	0	1	1	0	1.0206	1.0199	-0.0007	-0.9945	-0.9948	0.0003
2023-12-17T11:20:10	1	0	1	1	0	1.0327	1.0322	-0.0005	0.9993	0.9993	0.0000
2023-12-17T11:20:18	3	0	2	1	1	0.9430	0.9431	0.0001	-0.984	-0.983	-0.0010
2023-12-17T11:25:54	1	0	2	0	2	0.9446	null	null	-0.9966	-0.9965	-0.0001
2023-12-17T11:26:06	1	0	8	7	1	0.9508	0.9521	0.0013	0.9899	0.9899	0.0000
2023-12-17T11:27:50	1	0	1	0	1	1.0555	null	null	-0.9948	-0.9948	0.0000
2023-12-17T11:29:31	1	0	7	7	0	1.0452	1.0452	0.0000	-0.9922	-0.9923	0.0001
2023-12-17T11:30:58	6	0	10	11	-1	1.0441	1.0362	-0.0079	0.9568	0.9748	-0.0180
2023-12-17T11:33:55	3	0	36	27	9	0.9393	0.9410	0.0017	-0.997	-0.9968	-0.0002
2023-12-17T11:34:11	1	0	1	1	0	1.0404	1.0404	0.0000	-0.9879	-0.9878	-0.0001
2023-12-17T11:35:19	6	0	1	2	-1	0.9428	0.9435	0.0008	-0.9921	-0.9923	0.0002
2023-12-17T11:35:30	1	0	5	5	0	1.0416	1.0415	-0.0001	-0.9992	-0.9993	0.0001
2023-12-17T11:35:35	2	0	2	1	1	1.0513	1.0452	-0.0062	0.9929	0.9897	0.0032
2023-12-17T11:37:55	1	0	1	1	0	1.0565	1.0561	-0.0004	0.9994	0.9994	0.0000
2023-12-17T11:39:43	2	0	17	17	0	1.0523	1.0523	0.0000	0.9711	0.9731	-0.0020
2023-12-17T11:42:51	1	0	80	80	0	1.0876	1.0861	-0.0015	-0.9976	-0.9976	0.0000
2023-12-17T11:43:30	2	0	23	22	1	1.0483	1.0480	-0.0003	0.9689	0.9689	0.0000
2023-12-17T11:45:26	1	0	95	94	1	1.0524	1.0524	0.0000	-0.9994	-0.9994	0.0000
2023-12-17T11:45:59	6	0	17	17	0	1.0448	1.0448	0.0000	0.9913	0.9916	-0.0003
2023-12-17T11:46:18	6	0	9	9	0	1.0326	1.0325	-0.0001	-0.9982	-0.9982	0.0000
2023-12-17T11:49:12	1	0	1	1	0	1.0418	1.0418	0.0000	-0.9883	-0.9883	0.0000
2023-12-17T11:54:44	2	0	16	16	0	1.0502	1.0501	-0.0001	0.9727	0.9728	-0.0001
2023-12-17T11:59:48	1	0	19	18	1	1.0468	1.0464	-0.0005	-0.9929	-0.9929	0.0000
2023-12-17T12:01:00	5	0	50	51	-1	1.0581	1.0580	-0.0001	0.9891	0.9894	-0.0003
2023-12-17T12:03:57	3	0	3	4	-1	0.9400	0.9408	0.0008	-0.992	-0.992	0.0000
2023-12-17T12:05:37	1	0	9	11	-2	1.0520	1.0522	0.0002	0.9923	0.9924	-0.0001
2023-12-17T12:06:28	1	0	2	2	0	1.0451	1.0451	0.0000	0.9974	0.9974	0.0000
2023-12-17T12:09:45	1	0	19	19	0	1.0465	1.0465	0.0000	0.9715	0.9715	0.0000
2023-12-17T12:18:07	2	0	6	6	0	1.0527	1.0516	-0.0011	0.9579	0.9578	0.0001
2023-12-17T12:19:14	1	0	1	1	0	1.0403	1.0403	0.0000	-0.9893	-0.9892	-0.0001
2023-12-17T12:25:02	1	0	9	8	1	1.0474	1.0461	-0.0013	0.9936	0.9935	0.0001
2023-12-17T12:29:35	1	0	8	8	0	1.0467	1.0467	0.0000	-0.995	-0.9949	-0.0001
2023-12-17T12:32:43	1	0	1	1	0	1.0592	1.0588	-0.0004	0.9926	0.9926	0.0000
2023-12-17T12:43:34	1	0	26	25	1	1.0516	1.0514	-0.0002	0.9812	0.9816	-0.0004
2023-12-17T12:57:57	1	0	1	0	1	1.0555	null	null	-0.9892	-0.9892	0.0000
2023-12-17T13:00:07	2	0	2	2	0	1.0107	1.0100	-0.0008	0.9854	0.9853	0.0001
2023-12-17T13:00:53	1	0	3	3	0	1.0456	1.0453	-0.0002	1	1	0.0000
2023-12-17T13:01:04	2	0	113	108	5	1.0590	1.0590	0.0000	0.9872	0.9878	-0.0006
2023-12-17T13:01:23	5	0	4	5	-1	1.0292	1.0236	-0.0055	-0.9986	-0.9985	-0.0001
2023-12-17T13:09:49	1	0	11	11	0	1.0487	1.0487	0.0000	0.9724	0.9725	-0.0001
2023-12-17T13:34:28	1	0	1	1	0	1.0723	1.0723	0.0000	1	1	0.0000
2023-12-17T13:46:26	1	0	3	3	0	1.0271	1.0270	-0.0001	-0.9977	-0.9977	0.0000
2023-12-17T13:50:28	5	0	2	4	-2	0.9428	0.9433	0.0005	-0.9907	-0.9914	0.0007

2023-12-17T14:03:56	3	0	5	4	1	1.0500	1.0484	-0.0016	0.9931	0.993	0.0001
2023-12-17T14:05:45	1	0	11	11	0	1.0517	1.0515	-0.0002	0.9923	0.9923	0.0000
2023-12-17T14:10:12	1	0	20	19	1	1.0479	1.0475	-0.0004	0.9973	0.9973	0.0000
2023-12-17T14:16:11	2	0	2	2	0	1.0393	1.0392	-0.0001	0.999	0.9989	0.0001
2023-12-17T14:16:28	5	0	8	8	0	1.0329	1.0327	-0.0001	-0.9981	-0.9982	0.0001
2023-12-17T14:20:46	1	0	7	7	0	1.0460	1.0458	-0.0002	0.992	0.992	0.0000
2023-12-17T14:26:06	3	0	4	4	0	1.0151	1.0143	-0.0008	-0.9919	-0.9932	0.0013
2023-12-17T14:26:43	2	0	24	23	1	1.0492	1.0489	-0.0003	-0.9532	-0.9531	-0.0001
2023-12-17T14:28:03	1	0	8	7	1	1.0508	1.0498	-0.0010	-0.9891	-0.9891	0.0000
2023-12-17T14:31:29	1	0	7	7	0	1.0377	1.0377	0.0000	-0.9981	-0.9981	0.0000
2023-12-17T14:34:23	1	0	2	2	0	1.0361	1.0360	-0.0001	-0.9934	-0.9934	0.0000
2023-12-17T14:35:31	4	0	1	0	1	0.9440	null	null	-0.979	-0.9782	-0.0008
2023-12-17T14:41:07	3	0	4	4	0	0.9959	0.9959	-0.0001	-0.9936	-0.9937	0.0001
2023-12-17T14:44:54	2	0	20	20	0	1.0501	1.0501	0.0000	-1	-1	0.0000
2023-12-17T14:48:59	2	0	6	5	1	1.0448	1.0415	-0.0033	0.994	0.9938	0.0002
2023-12-17T14:50:14	1	0	1	1	0	1.0333	1.0330	-0.0003	0.9885	0.9884	0.0001
2023-12-17T14:50:48	1	0	2	2	0	1.0424	1.0423	-0.0002	0.9925	0.9924	0.0001
2023-12-17T14:52:40	2	0	1	0	1	1.0286	null	null	-0.9965	-0.9965	0.0000
2023-12-17T14:56:04	2	0	1	1	0	1.0056	1.0037	-0.0019	-0.9998	-0.9998	0.0000
2023-12-17T14:56:08	1	0	2	3	-1	1.0077	1.0059	-0.0018	-0.9923	-0.9921	-0.0002
2023-12-17T15:00:00	1	0	28	27	1	1.0457	1.0454	-0.0004	-0.9932	-0.9932	0.0000
2023-12-17T15:02:07	2	0	1	0	1	1.0354	null	null	-0.9862	-0.9864	0.0002
2023-12-17T15:04:14	1	0	1	1	0	1.0109	1.0105	-0.0004	0.9989	0.9989	0.0000
2023-12-17T15:04:47	2	0	5	5	0	1.0373	1.0369	-0.0003	-0.9989	-0.9989	0.0000
2023-12-17T15:05:51	1	0	143	141	2	0.9353	0.9353	0.0000	0.9988	0.999	-0.0002
2023-12-17T15:14:31	3	0	7	6	1	0.9732	0.9794	0.0063	-0.9618	-0.9597	-0.0021
2023-12-17T15:14:56	1	0	16	16	0	1.0492	1.0492	0.0000	-1	-0.9999	-0.0001
2023-12-17T15:16:32	4	0	9	9	0	1.0314	1.0314	0.0000	-0.9991	-0.9992	0.0001
2023-12-17T15:18:20	1	0	12	10	2	1.0465	1.0469	0.0004	0.9415	0.949	-0.0075
2023-12-17T15:20:50	1	0	12	11	1	1.0133	1.0104	-0.0029	0.9938	0.9905	0.0033
2023-12-17T15:22:07	2	0	4	4	0	1.0450	1.0447	-0.0003	-0.9892	-0.9893	0.0001
2023-12-17T15:29:57	1	0	18	18	0	1.0487	1.0487	0.0000	-1	-1	0.0000
2023-12-17T15:32:10	4	0	1	0	1	1.0452	null	null	-0.9746	-0.9747	0.0001
2023-12-17T15:34:02	2	0	38	37	1	0.9412	0.9416	0.0005	0.9776	0.9778	-0.0002
2023-12-17T15:42:13	1	0	2	2	0	1.0322	1.0321	-0.0002	0.9874	0.9874	0.0000
2023-12-17T15:46:51	1	0	1	1	0	1.0263	1.0260	-0.0003	-0.9572	-0.9567	-0.0005
2023-12-17T15:50:28	2	0	2	2	0	1.0283	1.0279	-0.0004	0.9986	0.9985	0.0001
2023-12-17T16:35:59	1	0	3	3	0	1.0229	1.0231	0.0002	-0.9997	-0.9999	0.0002
2023-12-17T16:37:23	3	0	4	4	0	1.0282	1.0281	-0.0002	0.9971	0.9971	0.0000
2023-12-17T17:07:27	1	0	1	1	0	0.9400	0.9404	0.0004	-0.999	-0.9988	-0.0002
2023-12-17T17:07:33	2	0	5	5	0	0.9287	0.9290	0.0003	-0.9979	-0.9978	-0.0001
2023-12-18T07:59:19	1	0	137	137	0	0.9165	0.9166	0.0001	0.9695	0.9695	0.0000
2023-12-18T08:05:36	5	0	512	507	5	1.0626	1.0626	0.0000	0.974	0.9769	-0.0029
2023-12-18T08:06:35	2	0	106	106	0	1.0571	1.0570	-0.0001	-0.9266	-0.9262	-0.0004
2023-12-18T08:12:22	3	0	74	71	3	0.9411	0.9412	0.0001	0.9948	0.9951	-0.0003
2023-12-18T08:14:20	1	0	185	185	0	0.9077	0.9077	0.0000	0.9573	0.9573	0.0000
2023-12-18T08:24:02	1	0	108	108	0	1.0553	1.0553	0.0000	0.9824	0.9824	0.0000
2023-12-18T08:24:37	2	0	795	795	0	1.0768	1.0768	0.0000	0.9997	0.9997	0.0000
2023-12-18T08:27:51	1	0	30	30	0	1.0539	1.0539	-0.0001	-0.9995	-0.9995	0.0000
2023-12-18T08:34:07	1	0	16	16	0	1.0498	1.0498	0.0000	0.9977	0.9976	0.0001
2023-12-18T08:50:40	1	0	512	511	1	1.0634	1.0634	0.0000	0.979	0.9817	-0.0027
2023-12-18T08:55:59	1	0	4	4	0	1.0313	1.0312	-0.0002	0.9791	0.9789	0.0002
2023-12-18T09:02:35	2	0	194	194	0	1.0803	1.0803	0.0000	-0.9998	-0.9998	0.0000
2023-12-18T09:04:08	1	0	11	11	0	1.0480	1.0480	0.0000	0.998	0.9979	0.0001
2023-12-18T09:05:41	5	0	672	670	2	1.0635	1.0635	0.0000	0.9769	0.9795	-0.0026
2023-12-18T09:05:47	2	0	1	1	0	1.0022	1.0022	0.0000	-0.9869	-0.9868	-0.0001
2023-12-18T09:06:40	2	0	112	111	1	1.0584	1.0581	-0.0003	-0.9335	-0.9333	-0.0002
2023-12-18T09:09:42	2	0	794	794	0	1.0766	1.0766	0.0000	0.9999	0.9999	0.0000
2023-12-18T09:11:00	1	0	7	7	0	0.9964	0.9963	-0.0001	0.9763	0.9762	0.0001
2023-12-18T09:14:13	1	0	3	3	0	0.9559	0.9564	0.0005	0.9864	0.9864	0.0000
2023-12-18T09:14:24	2	0	185	184	1	0.9095	0.9100	0.0005	0.9578	0.958	-0.0002
2023-12-18T09:16:50	2	0	3	3	0	1.0494	1.0491	-0.0003	0.992	0.9918	0.0002
2023-12-18T09:17:30	1	0	6	6	0	0.9420	0.9423	0.0003	0.9824	0.9823	0.0001
2023-12-18T09:18:08	2	0	1	1	0	1.0234	1.0209	-0.0025	-0.9879	-0.988	0.0001
2023-12-18T09:20:11	3	0	47	44	3	1.0534	1.0531	-0.0003	0.9999	0.9999	0.0000
2023-12-18T09:23:12	7	0	64	55	9	0.9622	0.9633	0.0011	0.9933	0.9937	-0.0004
2023-12-18T09:24:17	1	0	1	1	0	1.0409	1.0406	-0.0003	1	1	0.0000
2023-12-18T09:27:49	1	0	21	21	0	1.0503	1.0502	-0.0001	0.9736	0.9735	0.0001
2023-12-18T09:27:55	10	0	24	23	1	1.0515	1.0508	-0.0007	-0.9995	-0.9995	0.0000
2023-12-18T09:29:10	3	0	256	247	9	1.0826	1.0823	-0.0003	1	1	0.0000
2023-12-18T09:32:09	1	0	56	55	1	0.9431	0.9432	0.0001	0.9445	0.9445	0.0000
2023-12-18T09:33:09	1	0	3	3	0	0.9513	0.9516	0.0004	-0.9902	-0.9898	-0.0004
2023-12-18T09:36:12	1	0	1	1	0	1.0307	1.0298	-0.0009	0.9999	0.9999	0.0000
2023-12-18T09:38:12	3	0	3	3	0	0.9647	0.9651	0.0005	0.9907	0.9908	-0.0001
2023-12-18T09:38:13	1	0	12	12	0	1.0452	1.0450	-0.0002	0.9926	0.9924	0.0002
2023-12-18T09:40:21	2	0	45	44	1	0.9585	0.9560	-0.0025	0.952	0.9519	0.0001
2023-12-18T09:41:10	1	0	42	42	0	0.9389	0.9392	0.0003	-1	-1	0.0000
2023-12-18T09:42:55	1	0	6	6	0	1.0289	1.0287	-0.0002	0.9722	0.972	0.0002
2023-12-18T09:44:15	3	0	3	3	0	0.9578	0.9590	0.0012	0.987	0.9871	-0.0001
2023-12-18T09:49:54	1	0	1	1	0	1.0624	1.0621	-0.0003	-0.9759	-0.9752	-0.0007
2023-12-18T09:51:26	1	0	14	14	0	1.0474	1.0473	-0.0001	-0.9969	-0.9969	0.0000
2023-12-18T09:53:14	1	0	2	2	0	1.0272	1.0252	-0.0019	0.9904	0.9888	0.0016
2023-12-18T09:53:33	2	0	3	3	0	1.0210	1.0206	-0.0003	-0.9997	-0.9998	0.0001
2023-12-18T09:54:32	1	0	8	8	0	1.0361	1.0360	-0.0001	0.9931	0.993	0.0001
2023-12-18T09:54:40	5	0	15	15	0	1.0450	1.0446	-0.0004	-0.9999	-0.9999	0.0000

2023-12-18T09:55:22	2	0	48	45	3	0.9565	0.9542	-0.0023	0.9508	0.9508	0.0000
2023-12-18T09:56:03	4	0	11	9	2	0.9478	0.9477	-0.0001	0.9645	0.9649	-0.0004
2023-12-18T09:56:11	1	0	11	10	1	0.9427	0.9428	0.0001	-0.9998	-0.9998	0.0000
2023-12-18T09:56:21	1	0	1	1	0	1.0277	1.0273	-0.0004	-0.9992	-0.9992	0.0000
2023-12-18T09:57:51	3	0	23	22	1	1.0504	1.0500	-0.0004	0.973	0.9728	0.0002
2023-12-18T09:57:55	2	0	6	6	0	1.0443	1.0442	-0.0001	-0.9965	-0.9965	0.0000
2023-12-18T09:59:16	14	0	3	3	0	0.9550	0.9583	0.0033	0.9862	0.9867	-0.0005
2023-12-18T10:00:53	5	0	81	81	0	0.9281	0.9291	0.0010	0.9955	0.9957	-0.0002
2023-12-18T10:04:12	4	0	12	10	2	1.0487	1.0483	-0.0004	0.9981	0.9981	0.0000
2023-12-18T10:04:50	2	0	2	2	0	0.9887	0.9889	0.0002	-0.9922	-0.992	-0.0002
2023-12-18T10:05:16	1	0	3	3	0	1.0051	1.0050	-0.0001	0.9757	0.9756	0.0001
2023-12-18T10:06:49	1	0	18	18	0	1.0467	1.0466	0.0000	-0.9978	-0.9979	0.0001
2023-12-18T10:08:15	1	0	72	64	8	1.0496	1.0503	0.0007	0.9915	0.9783	0.0132
2023-12-18T10:09:58	1	0	4	4	0	1.0019	1.0020	0.0001	0.9833	0.9834	-0.0001
2023-12-18T10:11:12	1	0	139	135	4	0.9177	0.9189	0.0012	0.9998	0.9998	0.0000
2023-12-18T10:11:22	1	0	1	1	0	1.0299	1.0295	-0.0004	-0.9998	-0.9999	0.0001
2023-12-18T10:12:57	2	0	601	577	24	0.8704	0.8725	0.0022	0.9079	0.908	-0.0001
2023-12-18T10:12:58	2	0	25	24	1	1.0480	1.0495	0.0015	-0.9994	-0.9994	0.0000
2023-12-18T10:14:28	2	0	90	89	1	0.9334	0.9335	0.0000	0.9741	0.9737	0.0004
2023-12-18T10:15:36	5	0	9	9	0	1.0315	1.0313	-0.0003	-1	-1	0.0000
2023-12-18T10:16:59	1	0	6	6	0	1.0452	1.0452	0.0000	0.9663	0.9662	0.0001
2023-12-18T10:19:13	4	0	15	14	1	1.0493	1.0489	-0.0004	0.9983	0.9984	-0.0001
2023-12-18T10:21:12	2	0	4	4	0	1.0045	1.0044	-0.0001	0.9951	0.9951	0.0000
2023-12-18T10:22:17	1	0	12	11	1	1.0521	1.0516	-0.0006	0.9759	0.9759	0.0000
2023-12-18T10:23:35	1	0	2	2	0	1.0243	1.0241	-0.0003	-0.9999	-1	0.0001
2023-12-18T10:23:57	1	0	1	1	0	1.0256	1.0252	-0.0004	-0.981	-0.9811	0.0001
2023-12-18T10:24:42	2	0	7	7	0	1.0442	1.0439	-0.0003	-1	-1	0.0000
2023-12-18T10:26:13	2	0	219	218	1	0.8968	0.8970	0.0001	0.9959	0.9959	0.0000
2023-12-18T10:26:23	1	0	1	1	0	1.0319	1.0314	-0.0005	-0.9991	-0.9992	0.0001
2023-12-18T10:27:31	2	0	1	1	0	0.9363	0.9372	0.0009	-0.9909	-0.9906	-0.0003
2023-12-18T10:27:53	1	0	20	19	1	1.0515	1.0512	-0.0003	0.9723	0.972	0.0003
2023-12-18T10:27:58	1	0	1	0	1	1.0152	null	null	0.9637	0.9596	0.0041
2023-12-18T10:29:02	1	0	1	1	0	1.0565	1.0552	-0.0013	0.9986	0.9986	0.0000
2023-12-18T10:31:55	4	0	44	44	0	1.2288	1.2284	-0.0004	0.9941	0.9939	0.0002
2023-12-18T10:34:17	2	0	18	17	1	1.0535	1.0534	-0.0001	0.9997	0.9997	0.0000
2023-12-18T10:37:18	1	0	12	11	1	1.0525	1.0519	-0.0006	0.9771	0.977	0.0001
2023-12-18T10:38:36	1	0	13	13	0	1.0389	1.0388	-0.0001	1	1	0.0000
2023-12-18T10:40:25	2	0	37	36	1	0.9715	0.9690	-0.0024	0.9517	0.9517	0.0000
2023-12-18T10:41:06	1	0	2	2	0	1.0008	1.0007	-0.0002	0.975	0.9749	0.0001
2023-12-18T10:41:24	1	0	1	1	0	1.0325	1.0322	-0.0003	-0.9999	-0.9999	0.0000
2023-12-18T10:42:17	4	0	5	3	2	1.0455	1.0452	-0.0002	0.9864	0.986	0.0004
2023-12-18T10:42:22	1	0	31	31	0	1.0557	1.0556	0.0000	0.9992	0.999	0.0002
2023-12-18T10:43:00	3	0	23	20	3	1.0511	1.0509	-0.0002	-0.9997	-0.9997	0.0000
2023-12-18T10:49:18	1	0	40	38	2	1.0534	1.0531	-0.0002	0.9998	0.9998	0.0000
2023-12-18T10:49:58	1	0	2	3	-1	1.0481	1.0531	0.0050	-0.981	-0.981	0.0000
2023-12-18T10:53:00	2	0	1	1	0	0.9435	0.9441	0.0006	0.9935	0.9936	-0.0001
2023-12-18T10:53:56	2	0	2	2	0	1.0630	1.0626	-0.0005	0.9998	0.9998	0.0000
2023-12-18T10:54:44	4	0	38	37	1	1.0508	1.0506	-0.0002	1	1	0.0000
2023-12-18T10:57:34	1	0	3	3	0	1.0494	1.0493	-0.0001	0.9932	0.993	0.0002
2023-12-18T10:57:55	1	0	12	12	0	1.0484	1.0483	-0.0001	0.9713	0.9711	0.0002
2023-12-18T10:58:00	1	0	6	6	0	1.0293	1.0287	-0.0006	0.9737	0.9734	0.0003
2023-12-18T10:59:57	1	0	1	1	0	1.0458	1.0453	-0.0005	-1	-1	0.0000
2023-12-18T11:01:29	4	0	5	3	2	1.0481	1.0453	-0.0028	-0.9941	-0.9944	0.0003
2023-12-18T11:02:17	2	0	1	1	0	1.0562	1.0552	-0.0010	-0.996	-0.9962	0.0002
2023-12-18T11:02:52	1	0	9	9	0	1.0488	1.0487	-0.0002	0.9998	0.9998	0.0000
2023-12-18T11:02:57	1	0	8	8	0	1.0408	1.0409	0.0001	0.9657	0.9658	-0.0001
2023-12-18T11:03:15	7	0	3	4	-1	0.9988	1.0010	0.0022	-0.992	-0.9918	-0.0002
2023-12-18T11:04:54	2	0	2	2	0	0.9855	0.9857	0.0002	-0.9942	-0.9941	-0.0001
2023-12-18T11:05:08	1	0	3	1	2	1.0542	1.0463	-0.0079	-0.9639	-0.9642	0.0003
2023-12-18T11:06:05	1	0	15	15	0	1.0466	1.0465	-0.0001	0.9998	0.9998	0.0000
2023-12-18T11:08:03	3	0	4	4	0	1.0291	1.0285	-0.0005	0.9781	0.9779	0.0002
2023-12-18T11:09:45	1	0	40	39	1	1.0509	1.0509	0.0000	1	1	0.0000
2023-12-18T11:10:02	1	0	5	5	0	0.9989	0.9990	0.0001	0.9832	0.9833	-0.0001
2023-12-18T11:12:34	1	0	26	23	3	0.9425	0.9423	-0.0002	-0.9957	-0.9955	-0.0002
2023-12-18T11:13:02	2	0	26	25	1	1.0502	1.0500	-0.0002	-0.9996	-0.9996	0.0000
2023-12-18T11:14:05	2	0	4	4	0	1.0503	1.0502	-0.0002	0.9989	0.9989	0.0000
2023-12-18T11:15:15	1	0	4	4	0	1.0493	1.0490	-0.0003	-0.9994	-0.9994	0.0000
2023-12-18T11:18:16	1	0	2	2	0	0.9886	0.9870	-0.0016	-0.9908	-0.9912	0.0004
2023-12-18T11:18:32	3	0	16	13	3	1.0480	1.0467	-0.0012	1	1	0.0000
2023-12-18T11:19:17	1	0	17	17	0	1.0507	1.0507	0.0000	0.9975	0.9975	0.0000
2023-12-18T11:19:24	1	0	4	3	1	1.0519	1.0494	-0.0025	0.9462	0.946	0.0002
2023-12-18T11:20:19	1	0	37	37	0	1.0518	1.0517	-0.0001	0.9989	0.999	-0.0001
2023-12-18T11:21:25	2	0	7	7	0	1.0474	1.0472	-0.0002	0.9816	0.9769	0.0047
2023-12-18T11:21:32	1	0	26	25	1	1.0513	1.0512	-0.0001	-0.9919	-0.992	0.0001
2023-12-18T11:23:20	5	0	1	0	1	1.0169	null	null	0.9023	0.9031	-0.0008
2023-12-18T11:23:58	1	0	3	3	0	1.0599	1.0598	-0.0001	-0.9998	-0.9998	0.0000
2023-12-18T11:27:36	1	0	5	5	0	1.0447	1.0446	-0.0001	0.9924	0.9923	0.0001
2023-12-18T11:27:51	6	0	8	8	0	0.9375	0.9499	0.0124	-0.9998	-0.9998	0.0000
2023-12-18T11:28:03	14	0	26	25	1	1.0507	1.0506	-0.0001	-0.9986	-0.9986	0.0000
2023-12-18T11:29:35	1	0	17	16	1	1.0483	1.0479	-0.0004	-0.9967	-0.9967	0.0000
2023-12-18T11:29:49	1	0	22	22	0	1.0476	1.0476	0.0000	-0.9968	-0.9968	0.0000
2023-12-18T11:30:17	1	0	2	2	0	1.0505	1.0503	-0.0002	0.9983	0.9983	0.0000
2023-12-18T11:30:45	1	0	116	115	1	1.0551	1.0551	0.0000	-0.9773	-0.9773	0.0000
2023-12-18T11:30:45	2	0	1	1	0	1.0332	1.0323	-0.0009	0.9853	0.9851	0.0002
2023-12-18T11:33:33	7	0	29	29	0	1.0491	1.0490	-0.0001	-1	-1	0.0000

2023-12-18T11:34:19	1	0	2	2	0	1.0316	1.0313	-0.0003	0.984	0.9839	0.0001
2023-12-18T11:34:27	1	0	44	43	1	1.0483	1.0481	-0.0002	0.9952	0.9952	0.0000
2023-12-18T11:35:22	1	0	2	2	0	1.0346	1.0346	0.0000	0.9915	0.9915	0.0000
2023-12-18T11:35:51	6	0	526	525	1	1.0624	1.0623	-0.0001	0.9777	0.9774	0.0003
2023-12-18T11:35:57	1	0	2	2	0	1.0050	1.0050	0.0000	-0.9842	-0.9841	-0.0001
2023-12-18T11:38:08	1	0	7	7	0	1.0451	1.0450	-0.0001	-1	-1	0.0000
2023-12-18T11:40:29	1	0	18	18	0	1.0520	1.0520	0.0000	0.9605	0.9605	0.0000
2023-12-18T11:41:10	5	0	7	7	0	0.9586	0.9459	-0.0127	0.9645	0.9644	0.0001
2023-12-18T11:42:48	1	0	1	1	0	1.0377	1.0374	-0.0003	0.9828	0.9827	0.0001
2023-12-18T11:43:02	1	0	11	10	1	1.0470	1.0461	-0.0009	-0.995	-0.995	0.0000
2023-12-18T11:44:14	2	0	3	3	0	1.0576	1.0575	-0.0001	-0.9949	-0.9949	0.0000
2023-12-18T11:45:46	2	0	1	1	0	1.0291	1.0291	0.0000	0.9859	0.9859	0.0000
2023-12-18T11:47:20	3	0	2	2	0	1.0608	1.0587	-0.0021	-0.9962	-0.9962	0.0000
2023-12-18T11:52:43	1	0	2	2	0	1.0567	1.0564	-0.0004	0.9962	0.9962	0.0000
2023-12-18T11:53:06	2	0	3	2	1	0.9925	1.0228	0.0303	0.9788	0.9788	0.0000
2023-12-18T11:53:21	3	0	1	2	-1	0.9624	0.9608	-0.0016	0.9927	0.9926	0.0001
2023-12-18T11:55:30	1	0	18	18	0	1.0570	1.0570	0.0000	0.9618	0.9619	-0.0001
2023-12-18T11:57:27	1	0	135	136	-1	1.0608	1.0603	-0.0004	-0.9901	-0.9909	0.0008
2023-12-18T11:58:03	1	0	10	9	1	1.0469	1.0459	-0.0010	-0.9951	-0.9951	0.0000
2023-12-18T11:59:15	2	0	4	4	0	1.0534	1.0534	0.0000	-0.9959	-0.9959	0.0000
2023-12-18T11:59:48	5	0	54	29	25	1.0557	1.0524	-0.0034	-0.9998	-0.9999	0.0001
2023-12-18T12:05:40	2	0	43	42	1	1.0520	1.0519	-0.0001	0.9998	0.9998	0.0000
2023-12-18T12:10:00	2	0	19	18	1	1.0502	1.0499	-0.0003	0.9821	0.982	0.0001
2023-12-18T12:11:56	1	0	12	11	1	1.0513	1.0508	-0.0005	-0.9996	-0.9996	0.0000
2023-12-18T12:15:48	2	0	94	93	1	1.0549	1.0549	0.0000	-0.981	-0.9808	-0.0002
2023-12-18T12:17:22	2	0	1	2	-1	1.0609	1.0582	-0.0027	-0.9959	-0.9959	0.0000
2023-12-18T12:19:31	1	0	33	32	1	1.0485	1.0483	-0.0002	0.995	0.995	0.0000
2023-12-18T12:21:00	1	0	3	3	0	1.0050	1.0050	0.0000	-0.9865	-0.9864	-0.0001
2023-12-18T12:23:24	5	0	2	2	0	1.0135	1.0132	-0.0003	0.8998	0.9016	-0.0018
2023-12-18T12:26:13	5	0	4	6	-2	0.9783	0.9670	-0.0114	0.9791	0.9791	0.0000
2023-12-18T12:27:10	1	0	1	1	0	0.9444	0.9448	0.0004	0.9793	0.9793	0.0000
2023-12-18T12:42:16	1	0	67	66	1	1.0568	1.0568	0.0000	-0.9884	-0.9884	0.0000
2023-12-18T12:53:25	2	0	2	2	0	0.9752	0.9753	0.0001	0.992	0.9941	-0.0021
2023-12-18T12:53:26	1	0	2	2	0	1.0199	1.0185	-0.0015	0.9014	0.9027	-0.0013
2023-12-18T12:55:49	1	0	6	5	1	1.0532	1.0525	-0.0007	0.9761	0.976	0.0001
2023-12-18T12:57:17	1	0	54	54	0	1.0553	1.0553	0.0000	-0.9907	-0.9907	0.0000
2023-12-18T12:57:31	1	0	59	58	1	1.0572	1.0572	0.0000	0.9991	0.9993	-0.0002
2023-12-18T13:08:27	1	0	4	5	-1	1.0198	1.0250	0.0052	0.9792	0.9592	0.0200
2023-12-18T13:09:05	1	0	2	2	0	1.0378	1.0377	0.0000	0.9928	0.9928	0.0000
2023-12-18T13:22:49	2	0	1	2	-1	1.0434	1.0493	0.0059	0.9964	0.9964	0.0000
2023-12-18T13:22:56	3	0	6	6	0	0.9675	0.9668	-0.0006	0.9977	0.9976	0.0001
2023-12-18T13:26:06	1	0	1	1	0	1.0320	1.0320	0.0000	0.988	0.988	0.0000
2023-12-18T13:39:34	1	0	4	4	0	1.0390	1.0388	-0.0002	0.9984	0.9984	0.0000
2023-12-18T13:45:54	1	0	112	110	2	1.0554	1.0554	0.0000	-0.9833	-0.9832	-0.0001
2023-12-18T13:56:19	2	0	5	5	0	0.9765	0.9768	0.0003	0.9703	0.9704	-0.0001
2023-12-18T14:00:55	1	0	113	112	1	1.0555	1.0555	0.0000	-0.9831	-0.983	-0.0001
2023-12-18T14:03:16	1	0	9	10	-1	1.0483	1.0480	-0.0003	0.9999	0.9999	0.0000
2023-12-18T14:03:27	6	0	4	5	-1	1.0301	1.0291	-0.0010	-0.9745	-0.9739	-0.0006
2023-12-18T14:05:20	2	0	80	80	0	1.1246	1.1232	-0.0014	-0.9774	-0.9774	0.0000
2023-12-18T14:05:26	1	0	15	14	1	1.0475	1.0470	-0.0005	-0.9999	-0.9999	0.0000
2023-12-18T14:07:33	4	0	41	39	2	1.0559	1.0558	-0.0001	0.9767	0.9766	0.0001
2023-12-18T14:07:52	2	0	3	3	0	1.0523	1.0522	-0.0001	0.9972	0.9972	0.0000
2023-12-18T14:08:15	1	0	4	4	0	1.0294	1.0293	0.0000	0.9764	0.9764	0.0000
2023-12-18T14:08:31	1	0	1	1	0	1.0385	1.0380	-0.0005	0.9752	0.9748	0.0004
2023-12-18T14:09:09	1	0	4	4	0	1.0089	1.0088	-0.0001	0.98	0.9799	0.0001
2023-12-18T14:11:09	1	0	3	3	0	1.0312	1.0311	-0.0001	0.9873	0.9873	0.0000
2023-12-18T14:13:02	4	0	5	2	3	1.0425	1.0198	-0.0227	1	1	0.0000
2023-12-18T14:14:46	4	0	5	7	-2	0.9256	0.9309	0.0054	0.9765	0.9763	0.0002
2023-12-18T14:15:39	1	0	1	0	1	1.0556	null	null	0.9838	0.9838	0.0000
2023-12-18T14:17:28	1	0	1	1	0	1.0348	1.0348	0.0000	0.971	0.971	0.0000
2023-12-18T14:18:28	4	0	4	4	0	1.0269	1.0267	-0.0002	-0.9813	-0.9816	0.0003
2023-12-18T14:20:21	1	0	3	3	0	1.0583	1.0580	-0.0003	-0.9852	-0.9852	0.0000
2023-12-18T14:21:37	1	0	1	1	0	1.0457	1.0457	0.0000	0.9759	0.9759	0.0000
2023-12-18T14:22:06	1	0	9	9	0	1.0463	1.0463	0.0000	-0.995	-0.995	0.0000
2023-12-18T14:22:23	1	0	9	9	0	1.0435	1.0435	0.0000	-1	-1	0.0000
2023-12-18T14:22:34	1	0	33	32	1	1.0553	1.0553	-0.0001	0.9787	0.9786	0.0001
2023-12-18T14:24:37	1	0	2	2	0	1.0379	1.0377	-0.0002	0.999	0.999	0.0000
2023-12-18T14:26:21	2	0	2	2	0	1.0014	1.0015	0.0001	0.9695	0.9695	0.0000
2023-12-18T14:26:48	1	0	3	3	0	1.0100	1.0098	-0.0001	-0.9995	-0.9995	0.0000
2023-12-18T14:27:07	2	0	17	16	1	0.9706	0.9727	0.0021	0.9437	0.9481	-0.0044
2023-12-18T14:28:03	1	0	2	0	2	1.0556	null	null	-1	-1	0.0000
2023-12-18T14:29:36	1	0	1	1	0	0.9411	0.9415	0.0004	-0.994	-0.9938	-0.0002
2023-12-18T14:30:57	1	0	143	141	2	1.0568	1.0568	0.0000	-0.9822	-0.9821	-0.0001
2023-12-18T14:32:21	1	0	6	6	0	1.0517	1.0516	-0.0001	0.9898	0.9895	0.0003
2023-12-18T14:33:29	4	0	3	3	0	1.0287	1.0286	-0.0001	-0.9808	-0.981	0.0002
2023-12-18T14:34:05	2	0	4	4	0	1.0345	1.0344	-0.0001	0.9974	0.9973	0.0001
2023-12-18T14:35:22	1	0	80	80	0	1.1425	1.1422	-0.0004	-0.9769	-0.977	0.0001
2023-12-18T14:35:47	1	0	2	2	0	1.0460	1.0457	-0.0003	0.9992	0.9992	0.0000
2023-12-18T14:36:03	5	0	532	531	1	1.0635	1.0635	0.0000	0.9752	0.9751	0.0001
2023-12-18T14:36:38	1	0	3	3	0	1.0459	1.0459	-0.0001	0.968	0.9679	0.0001
2023-12-18T14:37:24	1	0	11	10	1	1.0484	1.0493	0.0009	-1	-1	0.0000
2023-12-18T14:37:35	1	0	25	25	0	1.0548	1.0548	0.0000	0.9802	0.9802	0.0000
2023-12-18T14:37:54	1	0	2	2	0	1.0506	1.0504	-0.0003	0.9973	0.9973	0.0000
2023-12-18T14:38:17	2	0	5	5	0	1.0298	1.0297	-0.0001	0.9778	0.9778	0.0000
2023-12-18T14:38:20	1	0	13	13	0	1.0454	1.0452	-0.0002	-1	-1	0.0000

2023-12-18T14:38:32	1	0	1	1	0	0.9629	0.9630	0.0001	0.9899	0.9899	0.0000
2023-12-18T14:38:58	2	0	3	3	0	1.0345	1.0344	-0.0002	0.9954	0.9955	-0.0001
2023-12-18T14:39:12	1	0	1	1	0	1.0290	1.0284	-0.0006	0.9719	0.971	0.0009
2023-12-18T14:39:31	6	0	1	0	1	1.0454	null	null	-0.9899	-0.9901	0.0002
2023-12-18T14:41:30	8	0	4	4	0	0.9876	0.9859	-0.0017	0.9972	0.9969	0.0003
2023-12-18T14:41:49	9	0	6	6	0	0.9816	0.9823	0.0007	-0.9999	-0.9998	-0.0001
2023-12-18T14:42:08	1	0	3	3	0	1.0280	1.0279	-0.0001	0.9632	0.9631	0.0001
2023-12-18T14:42:14	2	0	44	42	2	1.0502	1.0497	-0.0005	0.9994	0.9993	0.0001
2023-12-18T14:43:04	2	0	5	4	1	1.0520	1.0503	-0.0018	-1	-1	0.0000
2023-12-18T14:43:16	12	0	29	28	1	1.0519	1.0518	-0.0001	-0.9997	-0.9999	0.0002
2023-12-18T14:44:48	2	0	30	27	3	0.9315	0.9318	0.0003	0.9767	0.9768	-0.0001
2023-12-18T14:53:08	6	0	6	6	0	0.9698	0.9688	-0.0010	0.996	0.9958	0.0002
2023-12-18T14:54:32	2	0	1	0	1	1.0453	null	null	-0.9891	-0.9892	0.0001
2023-12-18T14:56:23	1	0	2	2	0	0.9994	0.9994	0.0000	0.9759	0.9758	0.0001
2023-12-18T14:56:37	1	0	1	1	0	1.0151	1.0147	-0.0004	0.9842	0.9841	0.0001
2023-12-18T14:57:15	1	0	37	37	0	1.0504	1.0504	0.0000	0.9997	0.9997	0.0000
2023-12-18T14:59:27	2	0	8	8	0	1.0457	1.0455	-0.0002	-0.9978	-0.9986	0.0008
2023-12-18T15:00:34	1	0	1	1	0	1.0457	1.0454	-0.0003	0.9968	0.9968	0.0000
2023-12-18T15:03:31	1	0	3	4	-1	1.0251	1.0210	-0.0041	-0.9877	-0.9871	-0.0006
2023-12-18T15:04:45	1	0	25	23	2	1.0461	1.0462	0.0000	-0.9996	-0.9996	0.0000
2023-12-18T15:11:13	1	0	3	3	0	1.0276	1.0274	-0.0002	0.987	0.9869	0.0001
2023-12-18T15:12:16	1	0	35	35	0	1.0482	1.0485	0.0003	0.9987	0.9986	0.0001
2023-12-18T15:13:16	1	0	33	33	0	1.0458	1.0458	0.0000	-0.9987	-0.9987	0.0000
2023-12-18T15:14:26	1	0	1	1	0	1.0173	1.0167	-0.0006	0.8448	0.8442	0.0006
2023-12-18T15:18:32	1	0	4	4	0	1.0273	1.0270	-0.0003	-0.9845	-0.9848	0.0003
2023-12-18T15:23:23	1	0	14	13	1	1.0459	1.0459	0.0000	-1	-1	0.0000
2023-12-18T15:23:36	1	0	3	3	0	1.0176	1.0171	-0.0005	0.9101	0.9107	-0.0006
2023-12-18T15:24:43	1	0	3	3	0	1.0391	1.0391	0.0000	0.9986	0.9986	0.0000
2023-12-18T15:27:17	1	0	85	84	1	1.0534	1.0534	0.0000	0.9857	0.9857	0.0000
2023-12-18T15:31:17	1	0	4	4	0	1.0032	1.0032	0.0000	-0.9781	-0.978	-0.0001
2023-12-18T15:33:33	1	0	4	4	0	1.0262	1.0262	0.0000	-0.987	-0.9868	-0.0002
2023-12-18T15:36:22	1	0	12	10	2	0.9526	0.9550	0.0025	-0.9989	-0.9987	-0.0002
2023-12-18T15:37:41	1	0	68	67	1	1.0567	1.0567	0.0000	0.978	0.978	0.0000
2023-12-18T15:38:37	2	0	11	10	1	1.0449	1.0436	-0.0013	0.9571	0.9576	-0.0005
2023-12-18T15:41:26	2	0	12	11	1	0.9570	0.9584	0.0014	0.9672	0.9674	-0.0002
2023-12-18T15:43:20	1	0	27	27	0	1.0511	1.0511	0.0000	-0.9999	-0.9999	0.0000
2023-12-18T15:44:44	1	0	1	0	1	1.0336	null	null	0.9888	0.9887	0.0001
2023-12-18T15:44:52	1	0	97	97	0	0.9247	0.9247	0.0000	0.979	0.979	0.0000
2023-12-18T15:51:23	1	0	5	6	-1	0.9730	0.9681	-0.0049	-0.9986	-0.9986	0.0000
2023-12-18T15:56:35	5	0	16	16	0	1.0491	1.0487	-0.0004	-0.9917	-0.9919	0.0002
2023-12-18T15:59:45	4	0	4	4	0	0.9662	0.9663	0.0001	0.987	0.9869	0.0001
2023-12-18T16:02:11	1	0	1	0	1	0.9931	null	null	0.9803	0.9805	-0.0002
2023-12-18T16:12:14	1	0	530	532	-2	0.8556	0.8561	0.0005	0.9174	0.9173	0.0001
2023-12-18T16:21:25	2	0	6	5	1	0.9447	0.9457	0.0010	-0.9957	-0.9953	-0.0004
2023-12-18T16:27:15	1	0	8	8	0	0.9721	0.9720	-0.0001	0.9585	0.9608	-0.0023
2023-12-18T16:38:24	1	0	11	11	0	1.0472	1.0471	0.0000	1	1	0.0000
2023-12-18T16:44:48	1	0	1	1	0	0.9399	0.9400	0.0001	-0.9996	-0.9996	0.0000
2023-12-18T18:28:04	1	0	38	38	0	0.9419	0.9419	0.0000	-0.9946	-0.9942	-0.0004
2023-12-19T07:51:46	1	0	151	151	0	0.9080	0.9081	0.0001	0.973	0.9729	0.0001
2023-12-19T07:55:17	2	0	43	40	3	0.9479	0.9483	0.0004	-0.9583	-0.957	-0.0013
2023-12-19T07:59:06	2	0	23	22	1	1.0532	1.0531	-0.0001	-0.9527	-0.9518	-0.0009
2023-12-19T08:06:47	1	0	139	139	0	0.9093	0.9094	0.0000	0.9699	0.9698	0.0001
2023-12-19T08:10:18	1	0	39	39	0	0.9549	0.9549	0.0000	-0.9587	-0.9576	-0.0011
2023-12-19T08:11:03	1	0	41	41	0	0.9472	0.9473	0.0001	0.9985	0.9985	0.0000
2023-12-19T08:14:07	1	0	106	106	0	1.0577	1.0576	-0.0001	-0.9699	-0.9699	0.0000
2023-12-19T08:17:06	2	0	792	792	0	1.0737	1.0737	0.0000	0.9998	0.9998	0.0000
2023-12-19T08:18:13	1	0	76	75	1	0.9446	0.9447	0.0001	0.9879	0.9882	-0.0003
2023-12-19T08:26:24	1	0	177	117	60	1.0614	1.0611	-0.0002	-0.9912	-0.9992	0.0080
2023-12-19T08:29:16	1	0	20	20	0	1.0539	1.0538	-0.0001	0.9969	0.9969	0.0000
2023-12-19T08:31:32	1	0	283	283	0	1.0611	1.0611	0.0000	0.9923	0.9924	-0.0001
2023-12-19T08:36:41	1	0	23	23	0	0.9393	0.9396	0.0003	-0.9987	-0.9987	0.0000
2023-12-19T08:55:35	3	0	69	67	2	0.9422	0.9422	0.0000	-0.9959	-0.9958	-0.0001
2023-12-19T08:58:36	1	0	1	1	0	1.0322	1.0318	-0.0004	-0.9932	-0.9932	0.0000
2023-12-19T09:00:06	3	0	4	4	0	0.9626	0.9624	-0.0003	0.9981	0.9981	0.0000
2023-12-19T09:02:08	3	0	13	13	0	1.0413	1.0413	0.0000	-0.9978	-0.9978	0.0000
2023-12-19T09:03:36	1	0	45	45	0	0.9371	0.9371	0.0000	-0.9997	-0.9997	0.0000
2023-12-19T09:06:51	2	0	132	131	1	0.9163	0.9167	0.0004	0.9753	0.9754	-0.0001
2023-12-19T09:09:38	2	0	2	1	1	1.0562	1.0551	-0.0012	-0.9973	-0.9974	0.0001
2023-12-19T09:10:22	3	0	56	45	11	0.9520	0.9540	0.0020	-0.9782	-0.9779	-0.0003
2023-12-19T09:12:38	1	0	33	33	0	1.0517	1.0516	-0.0001	1	1	0.0000
2023-12-19T09:13:08	6	0	506	500	6	1.0627	1.0627	0.0000	0.9798	0.9796	0.0002
2023-12-19T09:14:11	1	0	146	145	1	1.0605	1.0604	-0.0001	-0.9616	-0.9614	-0.0002
2023-12-19T09:14:19	5	0	23	21	2	1.0514	1.0514	0.0001	0.9969	0.9969	0.0000
2023-12-19T09:14:40	1	0	25	24	1	1.0552	1.0551	-0.0001	0.9876	0.9876	0.0000
2023-12-19T09:14:42	1	0	1	1	0	0.9428	0.9432	0.0004	0.9786	0.9786	0.0000
2023-12-19T09:17:46	2	0	24	23	1	1.0429	1.0422	-0.0006	0.9521	0.9521	0.0000
2023-12-19T09:18:17	1	0	69	68	1	0.9499	0.9507	0.0009	0.99	0.9899	0.0001
2023-12-19T09:20:14	1	0	16	16	0	1.0485	1.0484	-0.0001	0.9754	0.9753	0.0001
2023-12-19T09:20:21	6	0	28	28	0	1.0507	1.0505	-0.0001	0.9999	0.9998	0.0001
2023-12-19T09:26:28	2	0	169	164	5	1.0586	1.0585	-0.0001	-0.9748	-0.9749	0.0001
2023-12-19T09:30:08	2	0	5	5	0	0.9743	0.9742	-0.0001	0.9969	0.9969	0.0000
2023-12-19T09:30:38	2	0	2	2	0	0.9964	0.9968	0.0003	0.9968	0.9969	-0.0001
2023-12-19T09:32:11	2	0	795	795	0	1.0777	1.0777	0.0000	-1	-1	0.0000
2023-12-19T09:32:15	1	0	2	2	0	1.0191	1.0188	-0.0003	0.9795	0.9795	0.0000
2023-12-19T09:33:38	1	0	68	67	1	0.9257	0.9259	0.0003	0.9999	0.9999	0.0000

2023-12-19T09:35:22	3	0	28	28	0	1.0534	1.0530	-0.0003	0.9999	0.9998	0.0001
2023-12-19T09:39:18	2	0	3	3	0	1.0459	1.0454	-0.0004	0.985	0.9846	0.0004
2023-12-19T09:40:38	1	0	21	20	1	0.9460	0.9464	0.0004	-0.9974	-0.9962	-0.0012
2023-12-19T09:43:10	1	0	254	254	0	1.0601	1.0600	0.0000	0.9746	0.9744	0.0002
2023-12-19T09:45:28	1	0	15	15	0	1.0452	1.0451	-0.0001	0.9997	0.9997	0.0000
2023-12-19T09:45:58	1	0	8	8	0	1.0355	1.0355	-0.0001	1	1	0.0000
2023-12-19T09:46:02	2	0	1	0	1	1.0494	null	null	-1	-1	0.0000
2023-12-19T09:48:28	1	0	15	15	0	1.0482	1.0481	-0.0001	-0.9973	-0.9961	-0.0012
2023-12-19T09:48:28	3	0	1	0	1	0.9440	null	null	0.9676	0.9678	-0.0002
2023-12-19T09:48:39	1	0	54	54	0	0.9328	0.9331	0.0003	-0.9991	-0.9991	0.0000
2023-12-19T09:50:16	1	0	19	18	1	1.0486	1.0486	0.0000	0.9747	0.9746	0.0001
2023-12-19T09:50:23	2	0	25	25	0	1.0519	1.0518	-0.0001	1	1	0.0000
2023-12-19T09:53:07	1	0	149	148	1	1.0568	1.0568	0.0000	-0.9859	-0.9858	-0.0001
2023-12-19T09:55:25	1	0	1	0	1	1.0550	null	null	-0.9658	-0.9651	-0.0007
2023-12-19T09:55:29	1	0	12	12	0	1.0342	1.0342	-0.0001	0.989	0.989	0.0000
2023-12-19T09:59:22	3	0	17	17	0	1.0525	1.0524	-0.0001	0.9967	0.9967	0.0000
2023-12-19T09:59:43	1	0	43	42	1	1.0561	1.0561	0.0000	0.9877	0.9876	0.0001
2023-12-19T10:00:10	1	0	9	9	0	0.9437	0.9437	-0.0001	0.997	0.9969	0.0001
2023-12-19T10:00:42	8	0	3	3	0	1.0196	1.0194	-0.0002	0.9587	0.9599	-0.0012
2023-12-19T10:01:37	4	0	1	1	0	1.0421	1.0412	-0.0009	0.9912	0.9975	-0.0063
2023-12-19T10:02:10	7	0	107	100	7	1.0527	1.0524	-0.0003	0.9973	0.9972	0.0001
2023-12-19T10:02:17	1	0	4	4	0	1.0309	1.0308	-0.0001	0.9789	0.9788	0.0001
2023-12-19T10:02:49	3	0	157	153	4	0.9910	0.9902	-0.0009	0.9429	0.943	-0.0001
2023-12-19T10:03:20	1	0	44	44	0	0.9517	0.9518	0.0001	0.9884	0.9886	-0.0002
2023-12-19T10:03:29	2	0	1	1	0	0.9673	0.9676	0.0003	0.9603	0.9603	0.0000
2023-12-19T10:03:51	1	0	8	8	0	1.0434	1.0434	-0.0001	-0.9993	-0.9994	0.0001
2023-12-19T10:04:47	1	0	9	9	0	1.0482	1.0482	-0.0001	0.9915	0.9911	0.0004
2023-12-19T10:05:24	4	0	28	27	1	1.0534	1.0532	-0.0002	0.9998	0.9998	0.0000
2023-12-19T10:08:05	4	0	4	4	0	1.0299	1.0296	-0.0003	0.9997	0.9997	0.0000
2023-12-19T10:08:21	5	0	99	98	1	0.9167	0.9178	0.0011	0.9935	0.9937	-0.0002
2023-12-19T10:09:14	1	0	1	1	0	0.9878	0.9881	0.0003	0.9784	0.9785	-0.0001
2023-12-19T10:10:06	1	0	4	4	0	0.9509	0.9517	0.0008	0.9874	0.9875	-0.0001
2023-12-19T10:10:26	1	0	1	1	0	1.0585	1.0582	-0.0003	-0.97	-0.9694	-0.0006
2023-12-19T10:12:35	1	0	3	0	3	1.0561	null	null	-0.9881	-0.9882	0.0001
2023-12-19T10:15:30	3	0	17	17	0	1.0484	1.0481	-0.0003	0.9995	0.9994	0.0001
2023-12-19T10:16:00	1	0	9	9	0	1.0397	1.0397	-0.0001	0.9998	0.9998	0.0000
2023-12-19T10:17:02	1	0	7	7	0	1.0437	1.0436	-0.0001	0.9928	0.9927	0.0001
2023-12-19T10:17:11	4	0	70	66	4	1.0513	1.0512	-0.0001	0.9974	0.9974	0.0000
2023-12-19T10:19:20	2	0	15	15	0	1.0536	1.0536	-0.0001	0.9988	0.9988	0.0000
2023-12-19T10:24:21	4	0	13	13	0	1.0372	1.0370	-0.0001	0.9752	0.9752	0.0000
2023-12-19T10:25:27	1	0	98	96	2	0.9421	0.9422	0.0001	-0.9974	-0.9973	-0.0001
2023-12-19T10:26:32	2	0	163	162	1	1.0594	1.0594	0.0000	-0.9856	-0.9855	-0.0001
2023-12-19T10:27:43	1	0	6	5	1	1.0474	1.0476	0.0002	1	0.9999	0.0001
2023-12-19T10:28:40	2	0	8	8	0	0.9688	0.9688	-0.0001	0.9928	0.9928	0.0000
2023-12-19T10:28:59	3	0	1	1	0	1.0074	1.0065	-0.0009	0.988	0.988	0.0000
2023-12-19T10:32:19	1	0	4	3	1	1.0078	1.0356	0.0278	0.9787	0.9787	0.0000
2023-12-19T10:32:24	1	0	4	4	0	1.0086	1.0088	0.0002	0.9821	0.9822	-0.0001
2023-12-19T10:33:03	1	0	1	1	0	1.0294	1.0290	-0.0004	0.9751	0.975	0.0001
2023-12-19T10:33:45	1	0	1	1	0	1.0182	1.0179	-0.0003	0.9735	0.9734	0.0001
2023-12-19T10:34:44	4	0	4	4	0	1.0477	1.0469	-0.0008	0.9746	0.974	0.0006
2023-12-19T10:34:58	2	0	1	0	1	1.0340	null	null	0.9842	0.9842	0.0000
2023-12-19T10:35:16	1	0	1	1	0	1.0277	1.0270	-0.0007	1	1	0.0000
2023-12-19T10:36:27	1	0	2	2	0	1.0483	1.0476	-0.0007	0.9964	0.9963	0.0001
2023-12-19T10:39:22	1	0	12	12	0	1.0351	1.0351	0.0000	0.9719	0.9719	0.0000
2023-12-19T10:45:32	4	0	23	21	2	1.0491	1.0493	0.0002	0.9997	0.9997	0.0000
2023-12-19T10:48:23	1	0	2	2	0	0.9887	0.9887	0.0000	0.989	0.989	0.0000
2023-12-19T10:48:25	1	0	81	80	1	0.9382	0.9381	-0.0001	0.9985	0.9985	0.0000
2023-12-19T10:48:32	1	0	1	0	1	1.0552	null	null	0.974	0.9739	0.0001
2023-12-19T10:48:43	9	0	5	4	1	1.0028	0.9914	-0.0114	-0.9951	-0.9954	0.0003
2023-12-19T10:48:54	1	0	10	10	0	1.0445	1.0445	0.0000	-0.9995	-0.9995	0.0000
2023-12-19T10:50:02	1	0	3	3	0	1.0503	1.0502	-0.0001	0.9941	0.9939	0.0002
2023-12-19T10:50:09	2	0	1	0	1	0.9443	null	null	-0.9987	-0.9985	-0.0002
2023-12-19T10:50:20	3	0	21	20	1	1.0495	1.0490	-0.0005	0.9712	0.9705	0.0007
2023-12-19T10:50:29	2	0	3	3	0	1.0393	1.0391	-0.0002	0.9974	0.9973	0.0001
2023-12-19T10:51:59	1	0	126	123	3	0.9190	0.9190	0.0000	0.9742	0.9735	0.0007
2023-12-19T10:54:23	2	0	14	14	0	1.0329	1.0328	0.0000	0.9715	0.9714	0.0001
2023-12-19T10:55:20	1	0	9	9	0	1.0492	1.0490	-0.0001	0.9944	0.9944	0.0000
2023-12-19T10:55:43	2	0	92	92	0	0.9312	0.9318	0.0006	-0.9993	-0.9991	-0.0002
2023-12-19T10:58:15	1	0	216	215	1	1.0590	1.0589	0.0000	0.9686	0.9684	0.0002
2023-12-19T10:59:47	2	0	24	23	1	1.0548	1.0548	0.0000	0.9859	0.9859	0.0000
2023-12-19T11:00:33	3	0	25	22	3	1.0498	1.0498	0.0000	0.9996	0.9995	0.0001
2023-12-19T11:02:14	3	0	37	37	0	1.0496	1.0494	-0.0002	0.9966	0.9966	0.0000
2023-12-19T11:03:33	1	0	1	0	1	1.0562	null	null	0.9699	0.9696	0.0003
2023-12-19T11:04:51	1	0	10	10	0	1.0496	1.0496	0.0000	0.9982	0.998	0.0002
2023-12-19T11:05:28	4	0	13	12	1	1.0468	1.0478	0.0010	0.9995	0.9995	0.0000
2023-12-19T11:05:53	2	0	2	2	0	1.0553	1.0548	-0.0005	-0.9997	-0.9997	0.0000
2023-12-19T11:06:59	2	0	101	100	1	0.9245	0.9245	0.0000	0.972	0.9711	0.0009
2023-12-19T11:07:04	1	0	1	1	0	1.0290	1.0284	-0.0006	0.9705	0.9697	0.0008
2023-12-19T11:08:57	4	0	1	0	1	1.0550	null	null	-0.9922	-0.9922	0.0000
2023-12-19T11:10:44	4	0	36	36	0	0.9424	0.9425	0.0001	-0.9971	-0.9971	0.0000
2023-12-19T11:14:27	1	0	17	17	0	1.0519	1.0519	0.0000	0.9974	0.9974	0.0000
2023-12-19T11:14:48	2	0	23	21	2	1.0551	1.0549	-0.0002	0.9859	0.9857	0.0002
2023-12-19T11:17:27	1	0	5	5	0	0.9971	0.9972	0.0001	0.9801	0.9802	-0.0001
2023-12-19T11:18:34	2	0	1	1	0	1.0584	1.0579	-0.0005	0.9754	0.9752	0.0002
2023-12-19T11:21:30	2	0	4	4	0	1.0278	1.0280	0.0002	0.9972	0.9973	-0.0001

2023-12-19T11:22:00	2	0	123	123	0	0.9222	0.9222	0.0000	0.9726	0.9716	0.0010
2023-12-19T11:22:51	1	0	1	0	1	0.9658	null	null	0.9782	0.9781	0.0001
2023-12-19T11:23:10	1	0	2	2	0	1.0295	1.0293	-0.0002	0.9996	0.9996	0.0000
2023-12-19T11:28:17	5	0	316	313	3	1.0593	1.0593	0.0000	0.9687	0.9687	0.0000
2023-12-19T11:29:49	2	0	32	31	1	1.0556	1.0555	0.0000	0.9875	0.9875	0.0000
2023-12-19T11:30:16	3	0	10	10	0	0.9429	0.9430	0.0000	0.996	0.996	0.0000
2023-12-19T11:32:19	1	0	790	790	0	1.0767	1.0767	0.0000	0.9999	0.9999	0.0000
2023-12-19T11:33:28	1	0	92	92	0	0.9366	0.9366	0.0000	0.9987	0.9987	0.0000
2023-12-19T11:34:03	1	0	2	2	0	1.0322	1.0321	-0.0002	-0.9982	-0.9982	0.0000
2023-12-19T11:35:20	1	0	4	4	0	0.9838	0.9836	-0.0002	1	1	0.0000
2023-12-19T11:37:45	1	0	1	1	0	1.0590	1.0586	-0.0004	0.9962	0.9961	0.0001
2023-12-19T11:40:36	1	0	8	8	0	1.0268	1.0268	0.0000	0.9882	0.9882	0.0000
2023-12-19T11:41:37	1	0	74	74	0	1.0565	1.0566	0.0000	-0.9798	-0.9797	-0.0001
2023-12-19T11:42:48	2	0	6	8	-2	1.0458	1.0469	0.0011	0.9993	0.9993	0.0000
2023-12-19T11:44:26	1	0	10	10	0	1.0458	1.0458	0.0000	-0.9996	-0.9996	0.0000
2023-12-19T11:45:17	4	0	10	10	0	0.9341	0.9341	0.0001	0.9952	0.9952	0.0000
2023-12-19T11:47:24	2	0	2	2	0	0.9886	0.9886	0.0000	0.9797	0.9798	-0.0001
2023-12-19T11:47:29	3	0	6	6	0	1.0092	1.0090	-0.0002	0.9813	0.9812	0.0001
2023-12-19T11:48:29	1	0	108	108	0	0.9319	0.9319	0.0000	0.9991	0.9991	0.0000
2023-12-19T11:49:04	1	0	1	1	0	1.0351	1.0351	0.0000	-0.9976	-0.9976	0.0000
2023-12-19T11:50:21	1	0	2	2	0	0.9864	0.9864	0.0000	-0.9999	-0.9999	0.0000
2023-12-19T11:55:37	1	0	7	7	0	1.0441	1.0441	0.0000	0.9954	0.9954	0.0000
2023-12-19T11:56:48	2	0	1	1	0	0.9896	0.9901	0.0005	0.9944	0.9945	-0.0001
2023-12-19T11:59:27	1	0	10	10	0	1.0475	1.0475	0.0000	-0.9992	-0.9992	0.0000
2023-12-19T12:00:18	4	0	1	1	0	1.0178	1.0178	0.0000	-1	-1	0.0000
2023-12-19T12:03:30	1	0	122	122	0	0.9282	0.9282	0.0000	0.9988	0.9988	0.0000
2023-12-19T12:10:38	1	0	4	4	0	1.0377	1.0377	0.0000	0.9949	0.9936	0.0013
2023-12-19T12:17:26	2	0	2	2	0	0.9827	0.9827	0.0000	0.9804	0.9805	-0.0001
2023-12-19T12:20:05	1	0	1	1	0	1.0249	1.0249	0.0000	0.9849	0.9849	0.0000
2023-12-19T12:31:13	2	0	1	2	-1	1.0549	1.0554	0.0004	1	1	0.0000
2023-12-19T12:34:07	1	0	2	2	0	0.9973	0.9973	0.0000	-0.9986	-0.9986	0.0000
2023-12-19T12:43:42	2	0	21	20	1	1.0493	1.0490	-0.0004	-1	-1	0.0000
2023-12-19T12:45:21	3	0	28	29	-1	0.9332	0.9385	0.0053	0.9973	0.9973	0.0000
2023-12-19T12:47:24	1	0	790	790	0	1.0750	1.0750	0.0000	-1	-1	0.0000
2023-12-19T13:00:22	1	0	24	24	0	0.9287	0.9287	0.0000	0.9967	0.9967	0.0000
2023-12-19T13:12:54	1	0	1	1	0	1.0621	1.0621	0.0000	0.9999	0.9999	0.0000
2023-12-19T13:14:44	1	0	2	1	1	1.0556	1.0555	-0.0001	0.9816	0.9816	0.0000
2023-12-19T13:20:31	1	0	1	1	0	1.0582	1.0579	-0.0003	-0.9995	-0.9995	0.0000
2023-12-19T13:25:04	2	0	70	70	0	0.9496	0.9495	-0.0001	0.9948	0.9948	0.0000
2023-12-19T13:29:11	1	0	3	0	3	0.9587	null	null	0.9899	0.99	-0.0001
2023-12-19T13:30:26	2	0	107	106	1	1.1253	1.1269	0.0016	0.9939	0.9938	0.0001
2023-12-19T13:32:27	1	0	791	791	0	1.0742	1.0742	0.0000	-1	-1	0.0000
2023-12-19T13:40:05	3	0	67	67	0	0.9333	0.9334	0.0000	0.9936	0.9936	0.0000
2023-12-19T13:45:27	1	0	115	114	1	1.1135	1.1147	0.0012	0.9939	0.9939	0.0000
2023-12-19T13:50:45	2	0	3	3	0	1.0483	1.0481	-0.0003	0.9991	0.9991	0.0000
2023-12-19T13:53:03	1	0	1	1	0	0.9680	0.9682	0.0002	0.9778	0.9776	0.0002
2023-12-19T13:57:57	3	0	30	29	1	1.0488	1.0482	-0.0006	0.9998	0.9991	0.0007
2023-12-19T14:02:50	1	0	1	1	0	1.0594	1.0591	-0.0003	0.9999	0.9999	0.0000
2023-12-19T14:03:36	1	0	1	1	0	1.0300	1.0300	0.0000	0.9884	0.9886	-0.0002
2023-12-19T14:05:03	1	0	1	1	0	0.9890	0.9890	0.0000	0.889	0.8892	-0.0002
2023-12-19T14:08:56	2	0	69	68	1	0.9414	0.9415	0.0002	0.9995	0.9995	0.0000
2023-12-19T14:10:07	2	0	84	84	0	0.9323	0.9322	-0.0001	0.9946	0.9946	0.0000
2023-12-19T14:11:28	3	0	3	3	0	0.9718	0.9724	0.0006	0.9863	0.9864	-0.0001
2023-12-19T14:12:59	1	0	23	23	0	1.0496	1.0496	0.0000	0.9997	0.999	0.0007
2023-12-19T14:15:02	1	0	8	8	0	0.9451	0.9451	0.0000	0.9787	0.9787	0.0000
2023-12-19T14:15:27	1	0	8	8	0	0.9476	0.9475	-0.0001	0.9978	0.9978	0.0000
2023-12-19T14:15:29	1	0	112	112	0	1.1174	1.1173	-0.0001	0.994	0.994	0.0000
2023-12-19T14:16:00	6	0	3	2	1	1.0419	1.0397	-0.0022	0.9701	0.985	-0.0149
2023-12-19T14:16:16	1	0	7	7	0	1.0335	1.0334	-0.0001	0.9998	0.9998	0.0000
2023-12-19T14:17:29	2	0	1	1	0	1.0316	1.0316	0.0000	0.9708	0.9708	0.0000
2023-12-19T14:17:34	2	0	3	3	0	0.9882	0.9879	-0.0002	0.9797	0.9796	0.0001
2023-12-19T14:20:04	1	0	22	21	1	1.0539	1.0525	-0.0014	-0.9933	-0.9941	0.0008
2023-12-19T14:20:43	1	0	3	4	-1	1.0366	1.0387	0.0021	0.9992	0.9992	0.0000
2023-12-19T14:25:08	1	0	68	68	0	0.9328	0.9327	0.0000	0.9941	0.9941	0.0000
2023-12-19T14:26:29	2	0	6	6	0	0.9951	0.9951	0.0000	0.9816	0.9817	-0.0001
2023-12-19T14:28:16	1	0	3	3	0	1.0651	1.0649	-0.0002	0.9998	0.9998	0.0000
2023-12-19T14:28:49	2	0	19	17	2	1.0524	1.0519	-0.0006	0.9997	0.9997	0.0000
2023-12-19T14:29:51	1	0	4	4	0	1.0253	1.0251	-0.0001	0.9976	0.9976	0.0000
2023-12-19T14:30:28	2	0	6	6	0	0.9614	0.9613	-0.0002	0.9984	0.9983	0.0001
2023-12-19T14:30:30	1	0	120	120	0	1.1159	1.1158	-0.0001	-0.989	-0.9889	-0.0001
2023-12-19T14:31:21	1	0	1	1	0	1.0499	1.0495	-0.0004	-1	-1	0.0000
2023-12-19T14:32:19	1	0	15	14	1	1.0402	1.0421	0.0019	0.9935	0.9935	0.0000
2023-12-19T14:32:40	1	0	4	4	0	0.9950	0.9950	0.0000	0.9754	0.9754	0.0000
2023-12-19T14:33:13	1	0	1	1	0	1.0560	1.0556	-0.0004	0.9308	0.9307	0.0001
2023-12-19T14:33:19	1	0	1	1	0	1.0350	1.0349	-0.0001	0.9777	0.9779	-0.0002
2023-12-19T14:33:31	1	0	47	46	1	1.0553	1.0553	0.0000	-0.9718	-0.9717	-0.0001
2023-12-19T14:35:06	1	0	1	1	0	1.0337	1.0333	-0.0004	0.9643	0.9641	0.0002
2023-12-19T14:39:00	3	0	68	67	1	0.9412	0.9415	0.0003	0.9994	0.9994	0.0000
2023-12-19T14:41:30	2	0	4	4	0	0.9847	0.9848	0.0000	0.982	0.982	0.0000
2023-12-19T14:43:01	1	0	26	26	0	1.0483	1.0482	-0.0001	0.9987	0.9974	0.0013
2023-12-19T14:43:17	1	0	2	2	0	1.0660	1.0660	-0.0001	0.9997	0.9997	0.0000
2023-12-19T14:43:30	5	0	407	404	3	1.0615	1.0615	0.0000	0.9728	0.9728	0.0000
2023-12-19T14:45:04	1	0	1	1	0	0.9412	0.9415	0.0003	0.9782	0.9783	-0.0001
2023-12-19T14:45:31	1	0	112	112	0	1.1178	1.1178	0.0000	-0.989	-0.989	0.0000
2023-12-19T14:46:02	6	0	7	14	-7	1.0029	0.9739	-0.0290	0.9876	0.9865	0.0011

2023-12-19T14:47:10	1	0	2	2	0	1.0406	1.0398	-0.0008	0.9974	0.9974	0.0000
2023-12-19T14:48:32	1	0	159	155	4	1.0612	1.0612	-0.0001	-0.9654	-0.9654	0.0000
2023-12-19T14:48:39	1	0	16	16	0	0.9532	0.9532	0.0001	0.99	0.9901	-0.0001
2023-12-19T14:50:18	1	0	5	5	0	1.0433	1.0432	-0.0001	0.9951	0.9951	0.0000
2023-12-19T14:53:07	2	0	1	1	0	0.9699	0.9708	0.0009	0.9783	0.9783	0.0000
2023-12-19T14:58:49	1	0	11	11	0	1.0464	1.0462	-0.0001	0.9984	0.9984	0.0000
2023-12-19T15:02:11	2	0	2	2	0	1.0393	1.0389	-0.0005	0.9977	0.9976	0.0001
2023-12-19T15:02:54	1	0	1	1	0	1.0566	1.0562	-0.0004	-1	-1	0.0000
2023-12-19T15:11:32	1	0	2	2	0	1.0474	1.0472	-0.0002	0.9889	0.9889	0.0000
2023-12-19T15:12:23	1	0	1	1	0	1.0270	1.0266	-0.0004	-0.932	-0.9321	0.0001
2023-12-19T15:15:54	1	0	3	3	0	1.0460	1.0458	-0.0002	0.9873	0.9872	0.0001
2023-12-19T15:19:03	3	0	3	3	0	1.0114	1.0117	0.0003	0.9965	0.9966	-0.0001
2023-12-19T15:20:51	1	0	3	3	0	1.0384	1.0384	-0.0001	0.9994	0.9994	0.0000
2023-12-19T15:21:31	2	0	3	3	0	1.0287	1.0285	-0.0002	0.9916	0.9917	-0.0001
2023-12-19T15:30:34	1	0	117	116	1	1.1161	1.1161	0.0000	-0.9931	-0.9932	0.0001
2023-12-19T15:32:13	1	0	3	3	0	1.0362	1.0360	-0.0002	0.9971	0.9971	0.0000
2023-12-19T15:33:52	1	0	4	4	0	0.9859	0.9859	0.0001	0.9662	0.9662	0.0000
2023-12-19T15:34:04	1	0	4	4	0	0.9935	0.9935	0.0000	0.9965	0.9965	0.0000
2023-12-19T15:42:11	1	0	11	10	1	1.0531	1.0525	-0.0006	0.9866	0.9864	0.0002
2023-12-19T15:44:20	1	0	1	1	0	1.0121	1.0121	0.0000	0.9919	0.992	-0.0001
2023-12-19T15:46:06	4	0	43	20	23	0.9604	0.9755	0.0151	0.9894	0.99	-0.0006
2023-12-19T15:46:41	1	0	1	1	0	0.9927	0.9931	0.0004	-0.9863	-0.9877	0.0014
2023-12-19T15:53:11	1	0	1	1	0	0.9695	0.9696	0.0001	0.9823	0.9822	0.0001
2023-12-19T15:55:14	2	0	115	105	10	0.9135	0.9141	0.0006	0.9919	0.992	-0.0001
2023-12-19T15:59:21	4	0	5	2	3	0.9716	0.9905	0.0190	0.9911	0.9912	-0.0001
2023-12-19T16:10:50	2	0	4	2	2	0.9433	0.9433	0.0001	-0.9706	-0.9701	-0.0005
2023-12-19T16:14:05	2	0	2	0	2	0.9448	null	null	-0.9993	-0.9993	0.0000
2023-12-19T16:20:31	2	0	3	3	0	0.9427	0.9432	0.0005	-0.9989	-0.9988	-0.0001
2023-12-19T16:28:08	1	0	62	62	0	1.0546	1.0546	0.0000	0.9997	0.9992	0.0005
2023-12-19T16:30:36	1	0	2	2	0	1.0073	1.0073	0.0000	0.9999	0.9999	0.0000
2023-12-19T16:39:07	3	0	244	242	2	0.9274	0.9276	0.0002	0.998	0.998	0.0000
2023-12-19T17:04:24	2	0	69	69	0	0.9354	0.9357	0.0002	-0.9999	-0.9998	-0.0001
2023-12-19T17:29:27	2	0	7	7	0	0.9532	0.9535	0.0003	0.9887	0.9887	0.0000
2023-12-19T17:45:43	2	0	157	152	5	0.9410	0.9411	0.0001	0.9674	0.9675	-0.0001
2023-12-19T17:55:22	1	0	110	110	0	0.8998	0.8999	0.0000	0.9933	0.9933	0.0000
2023-12-19T17:55:37	1	0	3	3	0	0.9423	0.9423	0.0000	0.9858	0.9857	0.0001
2023-12-19T18:26:03	2	0	234	234	0	0.9154	0.9154	0.0000	0.9998	0.9998	0.0000
2023-12-20T07:50:16	2	0	160	159	1	0.9418	0.9419	0.0001	-0.9723	-0.9709	-0.0014
2023-12-20T07:51:38	1	0	12	12	0	0.9467	0.9468	0.0001	0.9875	0.9875	0.0000
2023-12-20T07:51:49	2	0	198	198	0	0.8911	0.8912	0.0001	0.9657	0.9656	0.0001
2023-12-20T08:05:00	2	0	42	41	1	0.9400	0.9400	0.0001	-0.9982	-0.9982	0.0000
2023-12-20T08:05:17	1	0	163	163	0	0.9412	0.9412	0.0000	-0.9757	-0.9744	-0.0013
2023-12-20T08:06:39	1	0	12	12	0	0.9450	0.9451	0.0001	0.9872	0.9871	0.0001
2023-12-20T08:09:36	2	0	80	79	1	0.8974	0.8974	0.0001	0.9962	0.9956	0.0006
2023-12-20T08:18:17	1	0	91	90	1	0.9535	0.9536	0.0001	0.986	0.9859	0.0001
2023-12-20T08:22:28	1	0	74	75	-1	0.9382	0.9383	0.0001	-0.981	-0.9804	-0.0006
2023-12-20T08:24:37	2	0	103	103	0	0.8986	0.8986	0.0000	0.9953	0.9945	0.0008
2023-12-20T08:29:21	1	0	19	19	0	1.0506	1.0506	0.0000	0.9993	0.9993	0.0000
2023-12-20T08:30:10	1	0	19	19	0	1.0516	1.0515	-0.0001	-0.9858	-0.9854	-0.0004
2023-12-20T08:32:11	2	0	796	796	0	1.0803	1.0803	0.0000	0.9997	0.9997	0.0000
2023-12-20T08:36:44	1	0	18	18	0	0.9405	0.9408	0.0003	-0.9979	-0.9978	-0.0001
2023-12-20T08:45:10	3	0	4	4	0	0.9610	0.9608	-0.0002	0.9996	0.9996	0.0000
2023-12-20T08:58:39	1	0	1	1	0	1.0259	1.0256	-0.0003	1	1	0.0000
2023-12-20T09:00:11	2	0	4	4	0	0.9655	0.9655	0.0000	0.9999	0.9999	0.0000
2023-12-20T09:02:13	2	0	799	799	0	1.0833	1.0833	0.0000	0.9999	0.9999	0.0000
2023-12-20T09:02:18	5	0	63	62	1	1.0539	1.0539	0.0000	0.9827	0.9827	0.0000
2023-12-20T09:05:21	3	0	63	62	1	0.9495	0.9498	0.0003	-0.9657	-0.9646	-0.0011
2023-12-20T09:06:46	1	0	1	1	0	0.9371	0.9376	0.0005	-0.9978	-0.9977	-0.0001
2023-12-20T09:06:54	1	0	156	156	0	0.9074	0.9075	0.0001	0.9713	0.9712	0.0001
2023-12-20T09:07:31	2	0	35	35	0	0.9461	0.9459	-0.0003	-0.9782	-0.9756	-0.0026
2023-12-20T09:09:40	2	0	77	76	1	0.9155	0.9155	0.0000	0.9985	0.9985	0.0000
2023-12-20T09:12:42	3	0	99	91	8	1.0611	1.0609	-0.0002	0.9997	0.9997	0.0000
2023-12-20T09:15:42	7	0	70	70	0	0.9465	0.9473	0.0009	0.9914	0.9916	-0.0002
2023-12-20T09:16:26	2	0	4	4	0	1.0227	1.0225	-0.0002	0.9893	0.9891	0.0002
2023-12-20T09:17:48	2	0	67	66	1	0.9744	0.9727	-0.0017	0.9459	0.9459	0.0000
2023-12-20T09:20:18	1	0	16	16	0	1.0472	1.0471	-0.0001	0.9739	0.9738	0.0001
2023-12-20T09:24:41	3	0	78	77	1	0.9161	0.9138	-0.0022	0.9963	0.9962	0.0001
2023-12-20T09:27:43	2	0	187	177	10	1.0606	1.0608	0.0002	0.9999	1	-0.0001
2023-12-20T09:29:44	1	0	23	22	1	1.0535	1.0533	-0.0001	0.9897	0.9897	0.0000
2023-12-20T09:30:42	1	0	3	3	0	1.0004	1.0006	0.0002	0.9958	0.9957	0.0001
2023-12-20T09:31:48	1	0	2	2	0	1.0369	1.0368	-0.0002	0.9991	0.9991	0.0000
2023-12-20T09:35:25	11	0	115	90	25	1.0592	1.0586	-0.0007	0.9999	0.9999	0.0000
2023-12-20T09:38:08	2	0	138	137	1	1.0566	1.0566	0.0000	-0.9885	-0.9884	-0.0001
2023-12-20T09:39:21	2	0	9	9	0	1.0503	1.0499	-0.0004	0.9923	0.9839	0.0084
2023-12-20T09:40:50	5	0	393	377	16	1.0605	1.0610	0.0005	1	0.9996	0.0004
2023-12-20T09:42:36	2	0	80	79	1	0.9391	0.9393	0.0002	0.9956	0.9958	-0.0002
2023-12-20T09:44:26	4	0	21	18	3	1.0526	1.0517	-0.0009	0.9996	0.9996	0.0000
2023-12-20T09:46:05	1	0	5	5	0	1.0231	1.0229	-0.0002	0.9996	0.9996	0.0000
2023-12-20T09:47:20	2	0	2	2	0	1.0189	1.0185	-0.0004	0.9784	0.9784	0.0000
2023-12-20T09:48:34	1	0	18	18	0	1.0500	1.0499	-0.0001	-0.9948	-0.9934	-0.0014
2023-12-20T09:48:58	1	0	14	14	0	1.0437	1.0436	-0.0001	0.9986	0.9986	0.0000
2023-12-20T09:49:57	1	0	3	3	0	1.0303	1.0302	-0.0001	0.9989	0.9989	0.0000
2023-12-20T09:50:20	1	0	14	13	1	1.0471	1.0471	0.0000	0.9705	0.9704	0.0001
2023-12-20T09:52:34	2	0	68	66	2	0.9346	0.9369	0.0023	-0.99	-0.9888	-0.0012
2023-12-20T09:56:45	1	0	46	45	1	1.0507	1.0506	-0.0001	-0.9862	-0.9862	0.0000

2023-12-20T09:58:16	1	0	135	134	1	1.0565	1.0565	0.0000	0.9973	0.9973	0.0000
2023-12-20T09:58:43	2	0	2	2	0	1.0344	1.0337	-0.0007	-1	-1	0.0000
2023-12-20T09:59:02	3	0	4	3	1	0.9934	1.0100	0.0166	-0.9726	-0.9717	-0.0009
2023-12-20T10:00:44	1	0	4	4	0	1.0092	1.0092	0.0001	0.9955	0.9953	0.0002
2023-12-20T10:01:50	2	0	4	4	0	1.0382	1.0381	-0.0001	0.9989	0.9989	0.0000
2023-12-20T10:02:12	6	0	61	58	3	1.0484	1.0482	-0.0002	0.9992	0.9992	0.0000
2023-12-20T10:02:22	4	0	51	51	0	1.0523	1.0523	0.0000	0.982	0.982	0.0000
2023-12-20T10:02:51	4	0	140	136	4	0.9609	0.9568	-0.0041	0.9358	0.9358	0.0000
2023-12-20T10:03:43	1	0	6	6	0	1.0464	1.0462	-0.0002	0.9971	0.997	0.0001
2023-12-20T10:03:54	1	0	9	9	0	1.0323	1.0323	0.0000	-0.9992	-0.9992	0.0000
2023-12-20T10:03:59	1	0	16	16	0	1.0447	1.0447	-0.0001	0.9987	0.9987	0.0000
2023-12-20T10:04:58	2	0	3	3	0	1.0285	1.0283	-0.0002	0.9986	0.9986	0.0000
2023-12-20T10:05:27	5	0	46	42	4	1.0559	1.0556	-0.0003	1	1	0.0000
2023-12-20T10:06:58	2	0	138	137	1	0.9120	0.9121	0.0000	0.9735	0.9737	-0.0002
2023-12-20T10:08:07	4	0	8	8	0	1.0343	1.0340	-0.0003	0.9989	0.9988	0.0001
2023-12-20T10:08:24	5	0	38	34	4	0.9375	0.9386	0.0011	0.9991	0.9992	-0.0001
2023-12-20T10:09:44	1	0	87	87	0	0.9332	0.9331	0.0000	0.9967	0.9967	0.0000
2023-12-20T10:10:27	1	0	50	49	1	1.0525	1.0525	-0.0001	0.9993	0.9993	0.0000
2023-12-20T10:11:08	3	0	2	2	0	0.9893	0.9898	0.0005	0.9734	0.9735	-0.0001
2023-12-20T10:11:46	1	0	52	51	1	1.0513	1.0512	-0.0001	-0.9855	-0.9855	0.0000
2023-12-20T10:14:23	2	0	11	11	0	1.0455	1.0455	0.0000	-1	-1	0.0000
2023-12-20T10:14:28	3	0	12	12	0	1.0487	1.0485	-0.0001	0.9996	0.9996	0.0000
2023-12-20T10:14:47	1	0	38	37	1	1.0559	1.0560	0.0000	0.9786	0.9786	0.0000
2023-12-20T10:15:17	2	0	108	107	1	1.1234	1.1253	0.0019	-0.9923	-0.9923	0.0000
2023-12-20T10:16:07	1	0	5	5	0	1.0352	1.0351	-0.0001	1	1	0.0000
2023-12-20T10:16:30	1	0	3	3	0	1.0189	1.0188	-0.0001	0.9858	0.9856	0.0002
2023-12-20T10:17:13	2	0	68	66	2	1.0512	1.0509	-0.0003	0.9988	0.9988	0.0000
2023-12-20T10:17:27	1	0	5	5	0	0.9998	0.9999	0.0001	0.9773	0.9775	-0.0002
2023-12-20T10:18:34	6	0	123	111	12	0.9464	0.9487	0.0023	0.923	0.9235	-0.0005
2023-12-20T10:18:55	1	0	8	8	0	1.0364	1.0364	-0.0001	-0.999	-0.999	0.0000
2023-12-20T10:19:01	3	0	25	23	2	1.0495	1.0488	-0.0007	0.9991	0.999	0.0001
2023-12-20T10:19:19	2	0	16	16	0	1.0516	1.0516	-0.0001	1	1	0.0000
2023-12-20T10:20:19	1	0	1	1	0	1.0313	1.0306	-0.0007	-0.9928	-0.9929	0.0001
2023-12-20T10:20:22	3	0	25	24	1	1.0517	1.0515	-0.0002	0.9748	0.9746	0.0002
2023-12-20T10:20:32	1	0	37	36	1	1.0497	1.0497	0.0000	-0.9989	-0.9989	0.0000
2023-12-20T10:22:36	1	0	55	56	-1	0.9378	0.9374	-0.0004	-0.9998	-0.9998	0.0000
2023-12-20T10:25:49	1	0	23	22	1	1.0504	1.0500	-0.0004	-0.9916	-0.9916	0.0000
2023-12-20T10:26:47	3	0	1	1	0	0.9893	0.9902	0.0009	0.9959	0.996	-0.0001
2023-12-20T10:28:18	2	0	81	80	1	1.0555	1.0555	0.0000	0.9932	0.9932	0.0000
2023-12-20T10:28:44	2	0	13	13	0	0.9587	0.9587	0.0000	0.9924	0.9923	0.0001
2023-12-20T10:29:48	2	0	48	47	1	1.0567	1.0567	0.0000	0.9794	0.9794	0.0000
2023-12-20T10:29:52	1	0	1	1	0	0.9437	0.9447	0.0010	0.9787	0.9788	-0.0001
2023-12-20T10:30:18	1	0	123	122	1	1.1162	1.1174	0.0013	-0.9902	-0.9904	0.0002
2023-12-20T10:32:08	1	0	12	12	0	1.0425	1.0424	-0.0001	0.9906	0.9904	0.0002
2023-12-20T10:32:14	2	0	97	94	3	1.0491	1.0490	-0.0001	0.9988	0.9988	0.0000
2023-12-20T10:32:23	1	0	2	2	0	1.0338	1.0337	-0.0001	0.9797	0.9797	0.0000
2023-12-20T10:32:53	1	0	56	55	1	0.9801	0.9786	-0.0015	0.9395	0.9394	0.0001
2023-12-20T10:33:56	1	0	9	9	0	1.0331	1.0331	0.0000	-0.9991	-0.9991	0.0000
2023-12-20T10:34:47	5	0	4	4	0	1.0486	1.0477	-0.0008	0.9971	0.9969	0.0002
2023-12-20T10:35:29	2	0	45	45	0	1.0554	1.0553	-0.0001	-1	-1	0.0000
2023-12-20T10:37:37	2	0	47	47	0	0.9420	0.9422	0.0001	-0.9995	-0.9995	0.0000
2023-12-20T10:39:46	2	0	2	0	2	1.0556	null	null	-0.9972	-0.9973	0.0001
2023-12-20T10:40:22	1	0	9	9	0	1.0482	1.0481	-0.0001	-1	-1	0.0000
2023-12-20T10:43:19	2	0	78	74	4	1.0554	1.0554	-0.0001	0.9927	0.9926	0.0001
2023-12-20T10:47:15	3	0	144	142	2	1.0512	1.0511	0.0000	0.9978	0.9977	0.0001
2023-12-20T10:48:36	2	0	3	3	0	0.9905	0.9902	-0.0003	0.9578	0.9576	0.0002
2023-12-20T10:48:46	1	0	8	8	0	1.0510	1.0508	-0.0001	0.9987	0.9987	0.0000
2023-12-20T10:48:50	1	0	1	1	0	1.0169	1.0165	-0.0004	0.9938	0.9937	0.0001
2023-12-20T10:48:57	1	0	8	8	0	1.0401	1.0401	0.0000	-0.9986	-0.9986	0.0000
2023-12-20T10:48:59	1	0	2	2	0	1.0299	1.0298	-0.0002	-0.9975	-0.9976	0.0001
2023-12-20T10:49:02	1	0	6	6	0	1.0416	1.0414	-0.0002	0.9961	0.9961	0.0000
2023-12-20T10:50:04	1	0	4	4	0	1.0464	1.0463	-0.0001	0.9931	0.9929	0.0002
2023-12-20T10:52:38	2	0	38	37	1	0.9406	0.9409	0.0003	-0.9996	-0.9995	-0.0001
2023-12-20T10:52:45	1	0	2	2	0	1.0497	1.0496	-0.0002	0.9912	0.9911	0.0001
2023-12-20T10:52:49	3	0	2	2	0	1.0348	1.0345	-0.0004	-0.9971	-0.9973	0.0002
2023-12-20T10:53:13	1	0	87	86	1	1.0539	1.0539	0.0000	-0.9855	-0.9854	-0.0001
2023-12-20T10:54:21	1	0	1	1	0	0.9846	0.9850	0.0004	0.9993	0.9994	-0.0001
2023-12-20T10:54:47	2	0	3	3	0	1.0588	1.0586	-0.0002	-0.998	-0.9987	0.0007
2023-12-20T10:58:20	6	0	509	494	15	1.0588	1.0584	-0.0004	0.993	0.9925	0.0005
2023-12-20T11:00:41	1	0	15	15	0	1.0483	1.0482	-0.0001	0.9885	0.9884	0.0001
2023-12-20T11:01:28	1	0	1	0	1	1.0201	null	null	0.9535	0.9527	0.0008
2023-12-20T11:01:42	4	0	1	1	0	1.0422	1.0410	-0.0012	0.9825	0.9931	-0.0106
2023-12-20T11:02:16	2	0	99	97	2	1.0514	1.0515	0.0002	0.9968	0.9967	0.0001
2023-12-20T11:02:25	4	0	17	16	1	1.0228	1.0277	0.0049	0.9791	0.9789	0.0002
2023-12-20T11:05:35	1	0	4	4	0	1.0407	1.0407	0.0000	0.9999	0.9999	0.0000
2023-12-20T11:05:57	2	0	4	4	0	1.0497	1.0494	-0.0004	0.9773	0.9767	0.0006
2023-12-20T11:06:42	1	0	2	2	0	1.0144	1.0141	-0.0004	0.8475	0.8468	0.0007
2023-12-20T11:07:17	2	0	33	33	0	1.0487	1.0486	-0.0001	-0.9924	-0.9924	0.0000
2023-12-20T11:07:46	1	0	3	3	0	1.0446	1.0445	-0.0001	0.9921	0.9921	0.0000
2023-12-20T11:11:12	1	0	5	5	0	1.0343	1.0341	-0.0002	0.977	0.977	0.0000
2023-12-20T11:13:06	1	0	2	2	0	1.0129	1.0132	0.0003	0.9888	0.9889	-0.0001
2023-12-20T11:13:21	1	0	94	93	1	1.0555	1.0554	0.0000	0.9872	0.9872	0.0000
2023-12-20T11:13:37	1	0	17	17	0	1.0486	1.0486	-0.0001	0.9993	0.9992	0.0001
2023-12-20T11:13:41	2	0	11	10	1	1.0526	1.0521	-0.0005	0.9997	0.9997	0.0000
2023-12-20T11:13:45	1	0	10	10	0	1.0456	1.0455	-0.0001	0.9707	0.9706	0.0001

2023-12-20T11:15:16	1	0	27	26	1	1.0488	1.0485	-0.0003	0.9743	0.9743	0.0000
2023-12-20T11:17:17	4	0	133	130	3	1.0536	1.0534	-0.0002	0.9977	0.9976	0.0001
2023-12-20T11:17:31	2	0	9	9	0	1.0286	1.0285	-0.0001	0.9794	0.9794	0.0000
2023-12-20T11:18:40	1	0	38	38	0	1.0548	1.0548	0.0000	-0.9883	-0.9884	0.0001
2023-12-20T11:19:06	7	0	17	14	3	1.0469	1.0462	-0.0007	0.9972	0.997	0.0002
2023-12-20T11:20:26	1	0	23	23	0	1.0510	1.0509	-0.0001	0.9754	0.9752	0.0002
2023-12-20T11:21:43	3	0	2	2	0	1.0175	1.0170	-0.0006	0.8457	0.8438	0.0019
2023-12-20T11:23:15	2	0	106	103	3	1.0546	1.0546	0.0000	-0.9833	-0.9833	0.0000
2023-12-20T11:26:47	1	0	2	2	0	1.0525	1.0520	-0.0006	0.9996	0.9995	0.0001
2023-12-20T11:27:51	2	0	29	29	0	1.0498	1.0498	0.0000	0.9956	0.996	-0.0004
2023-12-20T11:28:46	2	0	19	19	0	1.0503	1.0502	-0.0001	0.9775	0.9774	0.0001
2023-12-20T11:29:28	1	0	17	17	0	1.0478	1.0478	0.0000	-0.9987	-0.9987	0.0000
2023-12-20T11:30:17	1	0	26	24	2	1.0496	1.0490	-0.0005	0.9752	0.9752	0.0000
2023-12-20T11:30:21	5	0	3	3	0	0.9620	0.9617	-0.0004	0.9985	0.9985	0.0000
2023-12-20T11:30:22	1	0	102	102	0	1.1340	1.1340	0.0000	0.9761	0.9761	0.0000
2023-12-20T11:30:50	3	0	5	5	0	1.0362	1.0362	0.0000	0.9971	0.9982	-0.0011
2023-12-20T11:31:14	6	0	14	14	0	1.0407	1.0404	-0.0004	-1	-1	0.0000
2023-12-20T11:31:35	3	0	1	1	0	1.0271	1.0270	-0.0001	0.9879	0.9876	0.0003
2023-12-20T11:32:23	1	0	795	795	0	1.0791	1.0791	0.0000	-1	-1	0.0000
2023-12-20T11:32:27	5	0	3	2	1	0.9970	1.0277	0.0307	0.9793	0.9794	-0.0001
2023-12-20T11:39:50	3	0	5	4	1	1.0573	1.0567	-0.0006	-0.9966	-0.9966	0.0000
2023-12-20T11:41:52	3	0	1	1	0	1.0249	1.0248	-0.0001	0.9928	0.9928	0.0000
2023-12-20T11:41:56	1	0	5	4	1	1.0557	1.0541	-0.0016	0.9324	0.9322	0.0002
2023-12-20T11:42:45	1	0	6	4	2	1.0573	1.0578	0.0005	-0.986	-0.9814	-0.0046
2023-12-20T11:43:08	1	0	1	1	0	1.0942	1.0942	0.0000	0.9995	0.9996	-0.0001
2023-12-20T11:45:18	1	0	40	38	2	1.0494	1.0491	-0.0003	0.9743	0.9743	0.0000
2023-12-20T11:45:23	1	0	121	121	0	1.1156	1.1156	0.0000	0.9999	0.9999	0.0000
2023-12-20T11:45:51	2	0	3	3	0	1.0113	1.0114	0.0001	0.9965	0.9978	-0.0013
2023-12-20T11:46:36	2	0	1	1	0	1.0271	1.0271	0.0000	0.9875	0.9872	0.0003
2023-12-20T11:50:08	1	0	7	7	0	1.0450	1.0450	0.0000	0.995	0.9951	-0.0001
2023-12-20T11:50:25	2	0	1	1	0	1.0357	1.0351	-0.0006	-0.9928	-0.9928	0.0000
2023-12-20T11:52:42	3	0	49	50	-1	0.9386	0.9388	0.0001	-0.9991	-0.9991	0.0000
2023-12-20T11:53:17	6	0	168	163	5	1.0578	1.0577	-0.0001	-0.9786	-0.9787	0.0001
2023-12-20T11:56:53	2	0	1	1	0	1.0224	1.0223	-0.0001	0.9914	0.9913	0.0001
2023-12-20T11:58:09	1	0	1	1	0	1.0956	1.0956	0.0000	0.9943	0.9942	0.0001
2023-12-20T12:00:23	5	0	1	1	0	0.9381	0.9386	0.0005	1	1	0.0000
2023-12-20T12:00:24	1	0	109	109	0	1.1218	1.1218	0.0000	0.9795	0.9796	-0.0001
2023-12-20T12:01:37	2	0	1	1	0	1.0292	1.0291	-0.0001	0.9872	0.9869	0.0003
2023-12-20T12:02:30	2	0	31	30	1	1.0519	1.0518	-0.0001	0.9828	0.9828	0.0000
2023-12-20T12:05:09	1	0	25	25	0	1.0539	1.0539	0.0000	0.9954	0.9954	0.0000
2023-12-20T12:07:43	3	0	24	24	0	0.9490	0.9492	0.0001	-0.9985	-0.9983	-0.0002
2023-12-20T12:11:16	3	0	2	3	-1	1.0353	1.0269	-0.0084	0.9769	0.9768	0.0001
2023-12-20T12:14:46	1	0	2	1	1	1.0572	1.0572	0.0000	0.9788	0.9788	0.0000
2023-12-20T12:19:27	1	0	29	30	-1	1.0530	1.0527	-0.0003	-0.9996	-0.9996	0.0000
2023-12-20T12:20:10	1	0	58	56	2	1.0563	1.0565	0.0002	0.9958	0.9958	0.0000
2023-12-20T12:20:42	2	0	3	3	0	1.0489	1.0487	-0.0002	0.9994	0.9994	0.0000
2023-12-20T12:24:06	3	0	2	0	2	1.0511	null	null	-0.9987	-0.9988	0.0001
2023-12-20T12:29:30	3	0	8	8	0	1.0484	1.0483	-0.0001	0.9928	0.9927	0.0001
2023-12-20T12:30:55	1	0	5	5	0	1.0561	1.0553	-0.0008	0.9809	0.9809	0.0000
2023-12-20T12:44:33	1	0	17	17	0	1.0469	1.0469	0.0000	-0.9986	-0.9986	0.0000
2023-12-20T12:45:55	1	0	3	3	0	1.0410	1.0409	-0.0001	0.9985	0.9985	0.0000
2023-12-20T12:47:32	6	0	7	7	0	1.0209	1.0345	0.0136	0.98	0.9802	-0.0002
2023-12-20T12:48:35	1	0	3	3	0	1.0117	1.0116	-0.0001	0.9905	0.9906	-0.0001
2023-12-20T12:50:29	1	0	2	2	0	0.9425	0.9425	0.0000	-0.9953	-0.9952	-0.0001
2023-12-20T12:51:23	2	0	4	4	0	1.0373	1.0371	-0.0002	0.9939	0.994	-0.0001
2023-12-20T12:56:57	2	0	1	1	0	1.0251	1.0250	-0.0001	0.9934	0.9933	0.0001
2023-12-20T12:58:14	1	0	37	36	1	1.0510	1.0509	-0.0001	0.9999	0.9999	0.0000
2023-12-20T13:00:27	2	0	11	12	-1	0.9489	0.9534	0.0045	0.9963	0.9974	-0.0011
2023-12-20T13:00:56	2	0	3	3	0	1.0513	1.0512	-0.0001	0.9988	0.9988	0.0000
2023-12-20T13:07:20	1	0	24	23	1	1.0487	1.0484	-0.0003	-0.9999	-0.9999	0.0000
2023-12-20T13:24:10	1	0	17	17	0	1.0500	1.0498	-0.0002	-0.9921	-0.9921	0.0000
2023-12-20T13:26:55	1	0	1	2	-1	1.0613	1.0535	-0.0078	-1	-1	0.0000
2023-12-20T13:27:55	1	0	25	24	1	1.0483	1.0480	-0.0003	1	1	0.0000
2023-12-20T13:40:09	1	0	29	28	1	1.0479	1.0476	-0.0003	0.9997	0.9997	0.0000
2023-12-20T13:45:30	1	0	3	3	0	0.9219	0.9219	0.0000	0.9981	0.9981	0.0000
2023-12-20T13:52:50	1	0	60	59	1	0.9420	0.9420	0.0000	-0.9996	-0.9994	-0.0002
2023-12-20T13:57:57	1	0	33	32	1	1.0494	1.0492	-0.0002	1	1	0.0000
2023-12-20T13:59:36	2	0	10	10	0	1.0442	1.0441	-0.0001	0.9943	0.9942	0.0001
2023-12-20T14:02:33	1	0	800	800	0	1.0804	1.0804	0.0000	-0.9997	-0.9997	0.0000
2023-12-20T14:02:37	1	0	5	5	0	1.0374	1.0373	-0.0001	0.9796	0.9796	0.0000
2023-12-20T14:05:45	2	0	11	10	1	1.0500	1.0493	-0.0007	0.9955	0.9954	0.0001
2023-12-20T14:08:26	5	0	214	211	3	1.0598	1.0594	-0.0003	-0.9808	-0.9809	0.0001
2023-12-20T14:09:39	2	0	6	7	-1	1.0518	1.0510	-0.0008	0.9886	0.9889	-0.0003
2023-12-20T14:11:58	1	0	1	1	0	1.0560	1.0556	-0.0004	0.993	0.9928	0.0002
2023-12-20T14:12:35	2	0	1	1	0	0.9791	0.9796	0.0005	-0.9912	-0.9911	-0.0001
2023-12-20T14:13:19	5	0	80	78	2	1.0560	1.0557	-0.0003	-0.9998	-0.9996	-0.0002
2023-12-20T14:13:53	2	0	1	1	0	1.1051	1.1051	0.0000	0.9952	0.9952	0.0000
2023-12-20T14:14:19	4	0	11	11	0	0.9633	0.9526	-0.0107	-0.9973	-0.9973	0.0000
2023-12-20T14:14:37	2	0	6	6	0	1.0507	1.0507	-0.0001	0.9948	0.9947	0.0001
2023-12-20T14:14:39	1	0	38	37	1	1.0500	1.0498	-0.0002	-0.9967	-0.9967	0.0000
2023-12-20T14:15:07	1	0	17	15	2	0.9440	0.9439	-0.0001	0.9793	0.9793	0.0000
2023-12-20T14:15:28	1	0	58	56	2	1.0510	1.0508	-0.0002	0.973	0.973	0.0000
2023-12-20T14:15:32	5	0	4	4	0	0.9638	0.9632	-0.0006	0.9991	0.999	0.0001
2023-12-20T14:17:34	1	0	800	800	0	1.0798	1.0798	0.0000	-0.9999	-0.9999	0.0000
2023-12-20T14:19:18	12	0	8	8	0	1.0401	1.0400	0.0000	0.995	0.995	0.0000

2023-12-20T14:20:15	2	0	1	1	0	1.0285	1.0285	0.0000	0.9851	0.9851	0.0000
2023-12-20T14:20:18	1	0	38	38	0	1.0553	1.0552	-0.0001	0.9964	0.9964	0.0000
2023-12-20T14:22:08	1	0	1	1	0	0.9422	0.9422	0.0000	-0.9935	-0.9936	0.0001
2023-12-20T14:23:27	5	0	221	218	3	1.0594	1.0593	-0.0001	-0.9806	-0.9806	0.0000
2023-12-20T14:24:40	2	0	6	6	0	1.0498	1.0497	-0.0001	0.9888	0.9886	0.0002
2023-12-20T14:25:01	2	0	3	3	0	1.0551	1.0550	-0.0001	-0.9965	-0.9965	0.0000
2023-12-20T14:26:25	1	0	2	2	0	1.0467	1.0465	-0.0002	0.9857	0.9856	0.0001
2023-12-20T14:27:36	2	0	1	1	0	0.9748	0.9754	0.0006	-0.9897	-0.9896	-0.0001
2023-12-20T14:29:21	3	0	22	21	1	0.9524	0.9531	0.0007	-0.998	-0.998	0.0000
2023-12-20T14:29:38	3	0	8	8	0	1.0493	1.0492	-0.0001	0.9972	0.9972	0.0000
2023-12-20T14:30:29	1	0	69	68	1	1.0525	1.0524	-0.0001	0.9726	0.9726	0.0000
2023-12-20T14:30:33	4	0	4	4	0	0.9645	0.9644	-0.0002	0.9988	0.9988	0.0000
2023-12-20T14:32:35	1	0	805	805	0	1.0782	1.0782	0.0000	-0.9986	-0.9986	0.0000
2023-12-20T14:32:39	1	0	2	2	0	1.0209	1.0207	-0.0002	0.9791	0.9791	0.0000
2023-12-20T14:34:02	1	0	5	5	0	1.0538	1.0537	0.0000	0.999	0.999	0.0000
2023-12-20T14:34:19	5	0	8	8	0	1.0402	1.0401	-0.0001	0.9951	0.995	0.0001
2023-12-20T14:35:19	2	0	49	44	5	1.0556	1.0558	0.0002	0.9977	0.9975	0.0002
2023-12-20T14:38:28	5	0	245	240	5	1.0600	1.0600	0.0000	-0.9778	-0.9778	0.0000
2023-12-20T14:39:41	2	0	8	8	0	1.0506	1.0504	-0.0001	0.9882	0.9877	0.0005
2023-12-20T14:40:02	3	0	68	67	1	0.9483	0.9514	0.0031	0.9985	0.9985	0.0000
2023-12-20T14:41:26	1	0	4	4	0	1.0355	1.0355	0.0000	0.9871	0.987	0.0001
2023-12-20T14:42:37	1	0	2	2	0	0.9870	0.9870	0.0000	-0.9903	-0.9903	0.0000
2023-12-20T14:43:04	1	0	29	29	0	1.0509	1.0508	-0.0001	0.9909	0.9878	0.0031
2023-12-20T14:43:59	1	0	11	11	0	1.0483	1.0483	0.0000	0.9767	0.9767	0.0000
2023-12-20T14:44:21	2	0	18	17	1	0.9496	0.9500	0.0004	-0.9982	-0.998	-0.0002
2023-12-20T14:44:54	4	0	23	23	0	1.0449	1.0448	-0.0001	-0.9999	-1	0.0001
2023-12-20T14:45:34	2	0	5	5	0	0.9747	0.9747	0.0000	0.9986	0.9986	0.0000
2023-12-20T14:45:35	2	0	20	17	3	0.9649	0.9692	0.0042	0.9531	0.9534	-0.0003
2023-12-20T14:47:31	1	0	113	113	0	1.0514	1.0514	0.0000	0.9969	0.9968	0.0001
2023-12-20T14:50:13	1	0	85	85	0	1.0571	1.0562	-0.0009	-0.9938	-0.9947	0.0009
2023-12-20T14:50:59	1	0	84	84	0	0.9455	0.9457	0.0002	0.9717	0.9718	-0.0001
2023-12-20T14:51:58	2	0	14	13	1	1.0470	1.0469	-0.0002	-1	-1	0.0000
2023-12-20T14:52:10	1	0	1	1	0	0.9428	0.9434	0.0006	-0.9862	-0.986	-0.0002
2023-12-20T14:56:14	1	0	1	1	0	1.0340	1.0337	-0.0003	0.9926	0.9926	0.0000
2023-12-20T14:58:36	1	0	192	188	4	1.0565	1.0565	0.0000	0.9984	0.9993	-0.0009
2023-12-20T14:59:55	1	0	1	1	0	1.0329	1.0328	-0.0001	0.9756	0.9752	0.0004
2023-12-20T15:01:28	2	0	16	16	0	1.0447	1.0446	0.0000	-0.9999	-0.9999	0.0000
2023-12-20T15:02:26	1	0	12	12	0	1.0363	1.0363	-0.0001	0.9953	0.9953	0.0000
2023-12-20T15:03:55	1	0	100	99	1	1.0572	1.0565	-0.0007	-0.991	-0.9911	0.0001
2023-12-20T15:05:18	1	0	2	2	0	1.0310	1.0309	-0.0001	0.9847	0.9847	0.0000
2023-12-20T15:07:11	17	0	3	1	2	0.9562	0.9600	0.0038	0.9874	0.9877	-0.0003
2023-12-20T15:14:36	2	0	3	3	0	1.0461	1.0458	-0.0003	0.9546	0.9543	0.0003
2023-12-20T15:15:02	1	0	2	2	0	1.0293	1.0292	-0.0002	0.9929	0.9929	0.0000
2023-12-20T15:16:41	1	0	7	7	0	1.0458	1.0457	-0.0001	-0.9768	-0.9766	-0.0002
2023-12-20T15:27:59	1	0	63	63	0	0.9416	0.9415	-0.0001	0.9963	0.9964	-0.0001
2023-12-20T15:31:09	5	0	2	2	0	1.0169	1.0158	-0.0011	0.9131	0.9109	0.0022
2023-12-20T15:37:57	3	0	7	7	0	0.9658	0.9655	-0.0003	-0.9966	-0.9955	-0.0011
2023-12-20T15:41:30	1	0	4	4	0	1.0274	1.0274	0.0000	0.9889	0.9888	0.0001
2023-12-20T15:42:10	1	0	1	1	0	0.9900	0.9904	0.0004	0.9923	0.9923	0.0000
2023-12-20T16:01:11	5	0	2	2	0	1.0169	1.0159	-0.0010	0.9115	0.9097	0.0018
2023-12-20T16:02:55	5	0	3	4	-1	1.0396	1.0431	0.0034	-0.9798	-0.9801	0.0003
2023-12-20T16:13:10	1	0	105	105	0	1.0573	1.0572	0.0000	0.9997	0.999	0.0007
2023-12-20T16:15:15	1	0	109	109	0	0.9374	0.9373	0.0000	0.9739	0.9735	0.0004
2023-12-20T16:33:50	1	0	82	82	0	0.9451	0.9455	0.0004	0.9907	0.991	-0.0003
2023-12-20T16:37:10	2	0	2	1	1	0.9519	0.9445	-0.0074	0.9801	0.9797	0.0004
2023-12-20T16:38:15	1	0	1	1	0	0.9623	0.9626	0.0003	0.975	0.975	0.0000
2023-12-20T16:48:44	1	0	163	162	1	1.0610	1.0610	0.0000	-0.9529	-0.9528	-0.0001
2023-12-20T17:04:25	5	0	73	71	2	0.9349	0.9352	0.0003	0.9984	0.9984	0.0000
2023-12-20T17:05:39	1	0	34	33	1	0.9409	0.9409	0.0000	-0.9994	-0.9994	0.0000
2023-12-20T17:20:47	2	0	1	1	0	0.9441	0.9446	0.0005	0.9825	0.9825	0.0000
2023-12-20T17:35:41	1	0	39	39	0	0.9403	0.9403	0.0000	-0.9996	-0.9996	0.0000
2023-12-21T07:50:16	2	0	187	187	0	0.9306	0.9307	0.0001	-0.9596	-0.957	-0.0026
2023-12-21T07:51:50	2	0	128	128	0	0.9116	0.9117	0.0001	0.978	0.978	0.0000
2023-12-21T08:05:17	2	0	86	85	1	0.9473	0.9474	0.0000	-0.969	-0.9676	-0.0014
2023-12-21T08:09:41	2	0	88	87	1	0.9131	0.9131	0.0000	0.9952	0.9944	0.0008
2023-12-21T08:15:07	2	0	208	207	1	1.0555	1.0555	0.0000	-1	-1	0.0000
2023-12-21T08:15:09	1	0	30	30	0	1.0543	1.0542	0.0000	-0.9815	-0.981	-0.0005
2023-12-21T08:17:10	2	0	775	775	0	1.0711	1.0711	0.0000	0.9999	0.9999	0.0000
2023-12-21T08:18:15	1	0	90	88	2	0.9432	0.9433	0.0001	0.9917	0.9918	-0.0001
2023-12-21T08:29:22	1	0	12	12	0	1.0513	1.0513	0.0000	0.9991	0.9991	0.0000
2023-12-21T08:35:07	1	0	45	45	0	0.9488	0.9489	0.0001	-0.9873	-0.984	-0.0033
2023-12-21T08:35:19	1	0	86	84	2	0.9419	0.9419	-0.0001	-0.9998	-0.9998	0.0000
2023-12-21T08:36:45	1	0	11	10	1	0.9412	0.9411	-0.0001	-0.9964	-0.9962	-0.0002
2023-12-21T08:48:13	1	0	332	332	0	1.0672	1.0672	0.0000	-0.9503	-0.9501	-0.0002
2023-12-21T08:55:39	1	0	98	98	0	0.9319	0.9320	0.0001	-0.9997	-0.9996	-0.0001
2023-12-21T08:59:24	4	0	30	30	0	1.0534	1.0534	-0.0001	0.9992	0.9992	0.0000
2023-12-21T09:00:12	1	0	32	32	0	1.0554	1.0554	0.0000	-0.9794	-0.9789	-0.0005
2023-12-21T09:03:14	1	0	390	390	0	1.0672	1.0672	0.0000	-0.9153	-0.915	-0.0003
2023-12-21T09:06:47	1	0	4	4	0	0.9408	0.9413	0.0006	-0.9954	-0.9952	-0.0002
2023-12-21T09:06:55	2	0	152	152	0	0.9142	0.9146	0.0003	0.9726	0.9727	-0.0001
2023-12-21T09:12:42	2	0	53	53	0	1.0555	1.0552	-0.0002	0.9983	0.9985	-0.0002
2023-12-21T09:13:41	1	0	1	1	0	1.0335	1.0329	-0.0006	-1	-1	0.0000
2023-12-21T09:14:25	1	0	21	21	0	1.0509	1.0508	0.0000	0.9991	0.9995	-0.0004
2023-12-21T09:16:27	2	0	4	4	0	1.0261	1.0259	-0.0002	0.994	0.9937	0.0003
2023-12-21T09:17:14	3	0	796	796	0	1.0769	1.0769	0.0000	-0.9999	-0.9999	0.0000

2023-12-21T09:17:19	2	0	5	5	0	1.0295	1.0293	-0.0003	0.98	0.9801	-0.0001
2023-12-21T09:24:21	2	0	4	4	0	1.0494	1.0489	-0.0005	0.9947	0.9945	0.0002
2023-12-21T09:24:47	2	0	73	73	0	0.9100	0.9101	0.0001	0.9969	0.9969	0.0000
2023-12-21T09:30:13	3	0	4	4	0	1.0105	1.0097	-0.0008	-0.9995	-0.9996	0.0001
2023-12-21T09:30:43	2	0	1	1	0	0.9699	0.9706	0.0007	0.996	0.9959	0.0001
2023-12-21T09:31:49	1	0	2	2	0	1.0410	1.0405	-0.0004	0.999	0.999	0.0000
2023-12-21T09:33:41	1	0	4	4	0	1.0473	1.0473	-0.0001	0.9978	0.9978	0.0000
2023-12-21T09:35:26	10	0	122	103	19	1.0602	1.0596	-0.0005	0.9995	0.9994	0.0001
2023-12-21T09:42:38	1	0	6	6	0	0.9678	0.9680	0.0002	0.9971	0.9971	0.0000
2023-12-21T09:42:44	3	0	54	46	8	1.0518	1.0511	-0.0007	0.9999	1	-0.0001
2023-12-21T09:44:48	1	0	2	4	-2	0.9438	0.9445	0.0007	0.9779	0.9776	0.0003
2023-12-21T09:46:03	2	0	5	5	0	1.0280	1.0278	-0.0002	-0.9995	-0.9996	0.0001
2023-12-21T09:47:53	2	0	21	20	1	1.0300	1.0286	-0.0015	0.953	0.9529	0.0001
2023-12-21T09:48:32	1	0	17	17	0	1.0502	1.0501	-0.0001	-0.9972	-0.9962	-0.0010
2023-12-21T09:48:59	2	0	16	15	1	1.0464	1.0456	-0.0008	-0.9999	-0.9999	0.0000
2023-12-21T09:50:17	1	0	1	1	0	1.0320	1.0316	-0.0004	-0.9998	-0.9998	0.0000
2023-12-21T09:53:25	5	0	93	93	0	0.9179	0.9189	0.0010	0.9915	0.9917	-0.0002
2023-12-21T09:54:49	2	0	75	75	0	0.9266	0.9268	0.0001	0.9955	0.9956	-0.0001
2023-12-21T09:59:05	1	0	2	2	0	1.0452	1.0450	-0.0002	-0.9626	-0.962	-0.0006
2023-12-21T10:00:46	8	0	4	4	0	1.0148	1.0147	-0.0001	0.9585	0.9598	-0.0013
2023-12-21T10:01:42	4	0	1	0	1	1.0455	null	null	-0.9956	-0.9957	0.0001
2023-12-21T10:02:05	2	0	17	17	0	1.0438	1.0437	-0.0001	0.9941	0.9941	0.0000
2023-12-21T10:02:15	5	0	3	3	0	1.0358	1.0344	-0.0014	0.9989	0.9988	0.0001
2023-12-21T10:02:54	2	0	18	17	1	1.0512	1.0507	-0.0004	0.9563	0.9562	0.0001
2023-12-21T10:03:53	1	0	2	2	0	0.9980	0.9979	-0.0002	-0.9989	-0.999	0.0001
2023-12-21T10:05:24	2	0	24	21	3	1.0527	1.0518	-0.0009	0.9795	0.9793	0.0002
2023-12-21T10:05:25	1	0	105	102	3	0.9421	0.9422	0.0001	-0.9994	-0.9994	0.0000
2023-12-21T10:05:28	5	0	95	87	8	1.0594	1.0590	-0.0004	0.9993	0.9993	0.0000
2023-12-21T10:05:42	1	0	1	1	0	1.0116	1.0112	-0.0004	-0.9994	-0.9995	0.0001
2023-12-21T10:06:59	2	0	134	132	2	0.9184	0.9184	0.0000	0.9741	0.9744	-0.0003
2023-12-21T10:10:39	2	0	1	1	0	1.0039	1.0024	-0.0015	0.9999	0.9999	0.0000
2023-12-21T10:13:45	2	0	12	8	4	0.9496	0.9538	0.0042	-0.9999	-0.9999	0.0000
2023-12-21T10:14:23	2	0	18	18	0	1.0470	1.0470	0.0000	-0.9986	-0.9986	0.0000
2023-12-21T10:14:29	5	0	11	11	0	1.0488	1.0487	-0.0002	0.9994	0.9994	0.0000
2023-12-21T10:14:48	1	0	17	16	1	1.0533	1.0531	-0.0002	0.9843	0.9843	0.0000
2023-12-21T10:15:24	5	0	6	6	0	1.0277	1.0273	-0.0004	0.9992	0.9992	0.0000
2023-12-21T10:16:04	7	0	11	10	1	1.0337	1.0359	0.0022	-0.9995	-0.9996	0.0001
2023-12-21T10:17:16	4	0	40	34	6	1.0462	1.0461	-0.0001	0.9987	0.9987	0.0000
2023-12-21T10:17:28	1	0	4	4	0	1.0024	1.0025	0.0001	0.9824	0.9825	-0.0001
2023-12-21T10:18:54	1	0	2	2	0	0.9954	0.9951	-0.0002	-0.999	-0.999	0.0000
2023-12-21T10:19:02	6	0	34	33	1	1.0500	1.0495	-0.0005	-0.9998	-0.9999	0.0001
2023-12-21T10:19:21	2	0	13	13	0	1.0508	1.0508	-0.0001	0.9997	0.9997	0.0000
2023-12-21T10:19:52	1	0	15	15	0	1.0506	1.0505	0.0000	0.9972	0.997	0.0002
2023-12-21T10:20:25	2	0	21	20	1	1.0518	1.0515	-0.0003	0.9796	0.9795	0.0001
2023-12-21T10:22:45	1	0	2	2	0	1.0372	1.0371	-0.0002	0.9905	0.9904	0.0001
2023-12-21T10:24:46	3	0	1	0	1	1.0560	null	null	-0.9975	-0.9983	0.0008
2023-12-21T10:24:51	2	0	92	91	1	0.9086	0.9087	0.0001	0.9963	0.9957	0.0006
2023-12-21T10:25:13	1	0	8	8	0	0.9489	0.9494	0.0005	0.9801	0.98	0.0001
2023-12-21T10:26:18	1	0	7	7	0	1.0431	1.0429	-0.0002	0.9894	0.9894	0.0000
2023-12-21T10:27:39	1	0	80	80	0	1.1036	1.1019	-0.0016	-0.9857	-0.9906	0.0049
2023-12-21T10:29:30	1	0	8	8	0	1.0480	1.0480	0.0000	0.9996	0.9996	0.0000
2023-12-21T10:29:49	1	0	19	17	2	1.0500	1.0491	-0.0009	0.9849	0.9847	0.0002
2023-12-21T10:30:17	2	0	4	4	0	0.9448	0.9446	-0.0003	0.9994	0.9994	0.0000
2023-12-21T10:30:18	2	0	3	2	1	1.0297	1.0153	-0.0144	0.9905	0.9905	0.0000
2023-12-21T10:30:48	6	0	2	2	0	1.0361	1.0357	-0.0004	0.9778	0.9769	0.0009
2023-12-21T10:31:05	1	0	11	11	0	1.0385	1.0384	-0.0001	-0.9992	-0.9993	0.0001
2023-12-21T10:33:36	3	0	1	1	0	0.9750	0.9766	0.0016	0.9756	0.976	-0.0004
2023-12-21T10:33:55	1	0	2	2	0	0.9945	0.9942	-0.0002	-0.9992	-0.9992	0.0000
2023-12-21T10:35:06	1	0	37	37	0	1.0550	1.0549	-0.0001	0.9976	0.9976	0.0000
2023-12-21T10:39:47	2	0	2	2	0	1.0566	1.0561	-0.0005	-0.9973	-0.9982	0.0009
2023-12-21T10:40:22	2	0	17	17	0	1.0481	1.0480	-0.0001	-0.9984	-0.9985	0.0001
2023-12-21T10:40:46	5	0	29	30	-1	0.9400	0.9432	0.0032	-0.9985	-0.9982	-0.0003
2023-12-21T10:40:57	1	0	1	1	0	1.0281	1.0278	-0.0003	0.9959	0.9959	0.0000
2023-12-21T10:43:42	1	0	9	9	0	1.0476	1.0475	-0.0001	0.9753	0.9751	0.0002
2023-12-21T10:45:49	5	0	2	2	0	1.0350	1.0365	0.0016	0.9783	0.9765	0.0018
2023-12-21T10:47:18	3	0	70	68	2	1.0472	1.0471	-0.0001	0.997	0.9969	0.0001
2023-12-21T10:48:50	1	0	1	1	0	1.0219	1.0216	-0.0003	0.9792	0.9791	0.0001
2023-12-21T10:48:56	2	0	5	5	0	1.0260	1.0259	-0.0001	-0.999	-0.999	0.0000
2023-12-21T10:49:02	1	0	2	2	0	1.0323	1.0322	-0.0002	-0.9987	-0.9987	0.0000
2023-12-21T10:49:03	2	0	16	15	1	1.0459	1.0451	-0.0008	0.9997	0.9997	0.0000
2023-12-21T10:49:50	4	0	1	0	1	1.0453	null	null	0.9991	0.999	0.0001
2023-12-21T10:50:03	2	0	3	3	0	1.0310	1.0307	-0.0003	0.9854	0.9853	0.0001
2023-12-21T10:50:07	1	0	8	8	0	1.0494	1.0494	0.0000	0.9973	0.9972	0.0001
2023-12-21T10:50:55	2	0	4	4	0	1.0486	1.0483	-0.0003	0.9847	0.9842	0.0005
2023-12-21T10:55:47	1	0	21	21	0	0.9631	0.9630	-0.0001	-0.9976	-0.9976	0.0000
2023-12-21T10:56:47	1	0	11	11	0	1.0491	1.0491	-0.0001	0.9985	0.9984	0.0001
2023-12-21T10:56:48	1	0	1	1	0	1.0218	1.0215	-0.0003	0.9925	0.9924	0.0001
2023-12-21T10:58:07	1	0	2	2	0	1.0098	1.0100	0.0003	0.99	0.9901	-0.0001
2023-12-21T10:58:21	5	0	35	33	2	1.0530	1.0527	-0.0003	0.9944	0.9944	0.0000
2023-12-21T10:58:42	1	0	15	15	0	1.0500	1.0499	-0.0001	0.998	0.998	0.0000
2023-12-21T10:58:43	1	0	6	6	0	1.0467	1.0466	-0.0001	0.976	0.9759	0.0001
2023-12-21T11:00:20	1	0	95	94	1	1.1602	1.1648	0.0046	-0.9973	-0.9973	0.0000
2023-12-21T11:00:38	1	0	20	20	0	1.0499	1.0498	-0.0001	0.9873	0.9872	0.0001
2023-12-21T11:01:29	1	0	1	0	1	1.0277	null	null	0.9687	0.9681	0.0006
2023-12-21T11:02:19	3	0	57	57	0	1.0497	1.0495	-0.0002	0.9965	0.9964	0.0001

2023-12-21T11:02:31	1	0	5	5	0	1.0017	1.0018	0.0001	0.9823	0.9824	-0.0001
2023-12-21T11:03:57	1	0	4	4	0	1.0228	1.0227	-0.0001	-0.9986	-0.9986	0.0000
2023-12-21T11:04:05	1	0	23	22	1	1.0499	1.0505	0.0006	0.9999	0.9999	0.0000
2023-12-21T11:05:28	1	0	17	17	0	1.0517	1.0517	0.0000	0.9765	0.9764	0.0001
2023-12-21T11:05:32	2	0	20	20	0	1.0501	1.0501	0.0000	0.9997	0.9997	0.0000
2023-12-21T11:05:34	1	0	6	5	1	1.0474	1.0453	-0.0021	1	1	0.0000
2023-12-21T11:06:44	2	0	6	6	0	1.0519	1.0518	-0.0001	-0.9974	-0.9975	0.0001
2023-12-21T11:10:48	2	0	5	4	1	1.0238	1.0234	-0.0004	-0.9969	-0.9978	0.0009
2023-12-21T11:13:22	1	0	33	33	0	1.0508	1.0507	0.0000	0.9906	0.9904	0.0002
2023-12-21T11:13:43	1	0	11	11	0	1.0516	1.0514	-0.0002	0.9996	0.9996	0.0000
2023-12-21T11:13:47	2	0	7	7	0	0.9767	0.9767	-0.0001	0.9942	0.9941	0.0001
2023-12-21T11:16:08	4	0	12	11	1	1.0386	1.0377	-0.0010	1	1	0.0000
2023-12-21T11:16:47	7	0	2	0	2	1.0455	null	null	-0.9918	-0.9942	0.0024
2023-12-21T11:17:28	5	0	32	30	2	1.0512	1.0509	-0.0003	0.9844	0.9843	0.0001
2023-12-21T11:18:38	1	0	67	66	1	1.0589	1.0588	-0.0001	-0.995	-0.995	0.0000
2023-12-21T11:18:48	1	0	4	4	0	1.0504	1.0503	-0.0001	0.9967	0.9961	0.0006
2023-12-21T11:18:52	1	0	3	3	0	1.0410	1.0407	-0.0003	0.9763	0.9762	0.0001
2023-12-21T11:20:33	1	0	19	19	0	1.0508	1.0508	0.0000	0.9998	0.9998	0.0000
2023-12-21T11:22:49	1	0	2	2	0	1.0479	1.0477	-0.0002	0.9931	0.9931	0.0000
2023-12-21T11:28:50	1	0	1	1	0	1.0328	1.0328	0.0000	-0.9999	-0.9999	0.0000
2023-12-21T11:29:28	1	0	29	29	0	1.0473	1.0473	0.0000	-0.9982	-0.9982	0.0000
2023-12-21T11:30:20	1	0	27	26	1	1.0483	1.0479	-0.0003	0.9927	0.9927	0.0000
2023-12-21T11:30:29	5	0	5	6	-1	1.0348	1.0340	-0.0008	0.9996	0.9996	0.0000
2023-12-21T11:30:52	1	0	1	1	0	1.0162	1.0155	-0.0007	0.9053	0.9065	-0.0012
2023-12-21T11:31:28	1	0	3	3	0	1.0362	1.0359	-0.0003	-0.9705	-0.9702	-0.0003
2023-12-21T11:32:11	3	0	27	26	1	1.0479	1.0475	-0.0003	0.9953	0.9952	0.0001
2023-12-21T11:32:28	1	0	1	1	0	1.0296	1.0296	0.0000	0.9803	0.9803	0.0000
2023-12-21T11:32:29	5	0	32	31	1	1.0510	1.0508	-0.0002	0.9831	0.983	0.0001
2023-12-21T11:32:33	3	0	7	7	0	1.0135	1.0133	-0.0002	0.98	0.9799	0.0001
2023-12-21T11:33:41	5	0	1	1	0	1.0609	1.0607	-0.0002	0.9747	0.9746	0.0001
2023-12-21T11:33:49	1	0	24	24	0	1.0563	1.0563	0.0000	0.9984	0.9984	0.0000
2023-12-21T11:35:06	3	0	4	4	0	1.0314	1.0312	-0.0002	0.9852	0.9851	0.0001
2023-12-21T11:36:46	3	0	12	12	0	1.0498	1.0496	-0.0001	-0.9965	-0.9966	0.0001
2023-12-21T11:38:18	1	0	75	74	1	1.0536	1.0536	0.0000	-0.9882	-0.9882	0.0000
2023-12-21T11:38:32	4	0	3	5	-2	0.9408	0.9424	0.0015	0.9954	0.9953	0.0001
2023-12-21T11:39:30	2	0	4	5	-1	1.0514	1.0506	-0.0007	0.9777	0.963	0.0147
2023-12-21T11:41:49	1	0	1	0	1	1.0552	null	null	0.9926	0.9925	0.0001
2023-12-21T11:44:12	1	0	2	3	-1	1.0518	1.0529	0.0011	-0.9582	-0.9574	-0.0008
2023-12-21T11:45:22	3	0	3	4	-1	0.9225	0.9444	0.0219	0.9991	0.9991	0.0000
2023-12-21T11:45:53	1	0	1	1	0	1.0158	1.0149	-0.0009	0.9041	0.9042	-0.0001
2023-12-21T11:47:02	1	0	47	46	1	1.0500	1.0498	-0.0002	-0.9781	-0.978	-0.0001
2023-12-21T11:47:29	1	0	2	2	0	1.0443	1.0442	-0.0001	0.9807	0.9808	-0.0001
2023-12-21T11:47:30	2	0	39	36	3	1.0520	1.0517	-0.0003	0.9838	0.9838	0.0000
2023-12-21T11:48:02	2	0	21	21	0	1.0507	1.0506	-0.0001	0.9519	0.9518	0.0001
2023-12-21T11:48:26	1	0	356	356	0	1.0668	1.0668	0.0000	-0.988	-0.9881	0.0001
2023-12-21T11:49:08	8	0	6	7	-1	1.0390	1.0377	-0.0013	0.9981	0.9982	-0.0001
2023-12-21T11:50:07	2	0	3	4	-1	1.0299	1.0307	0.0008	0.9859	0.9859	0.0000
2023-12-21T11:50:37	2	0	27	27	0	1.0455	1.0454	-0.0001	-0.9997	-0.9998	0.0001
2023-12-21T11:56:24	1	0	4	4	0	1.0478	1.0477	-0.0001	0.9827	0.9826	0.0001
2023-12-21T11:56:50	1	0	2	2	0	1.0565	1.0564	-0.0001	0.9926	0.9925	0.0001
2023-12-21T11:58:29	3	0	5	5	0	1.0499	1.0497	-0.0002	0.9937	0.9936	0.0001
2023-12-21T11:59:48	1	0	5	4	1	1.0559	1.0557	-0.0002	0.9821	0.9821	0.0000
2023-12-21T12:00:54	5	0	2	2	0	1.0142	1.0138	-0.0005	0.904	0.9041	-0.0001
2023-12-21T12:02:30	1	0	2	2	0	1.0438	1.0437	-0.0001	0.9813	0.9813	0.0000
2023-12-21T12:03:43	4	0	7	7	0	1.0534	1.0415	-0.0119	0.9765	0.9762	0.0003
2023-12-21T12:05:38	1	0	34	34	0	1.0475	1.0475	0.0000	-0.9997	-0.9997	0.0000
2023-12-21T12:10:37	1	0	5	4	1	1.0477	1.0456	-0.0021	0.9968	0.9961	0.0007
2023-12-21T12:15:24	3	0	2	2	0	0.9691	0.9692	0.0001	0.9999	0.9999	0.0000
2023-12-21T12:16:34	1	0	1	2	-1	1.0372	1.0381	0.0009	0.9803	0.98	0.0003
2023-12-21T12:18:28	1	0	357	357	0	1.0666	1.0666	0.0000	-0.9862	-0.9862	0.0000
2023-12-21T12:20:39	2	0	8	7	1	1.0494	1.0484	-0.0010	0.9946	0.9932	0.0014
2023-12-21T12:20:39	1	0	37	36	1	1.0464	1.0464	0.0000	-0.9996	-0.9996	0.0000
2023-12-21T12:21:49	3	0	2	2	0	1.0620	1.0620	0.0000	1	1	0.0000
2023-12-21T12:27:00	1	0	4	4	0	1.0538	1.0522	-0.0015	0.9375	0.9373	0.0002
2023-12-21T12:30:56	1	0	1	1	0	1.0180	1.0177	-0.0003	0.9026	0.9032	-0.0006
2023-12-21T12:48:16	3	0	8	7	1	1.0547	1.0540	-0.0008	0.9753	0.9752	0.0001
2023-12-21T12:54:50	1	0	29	30	-1	1.0483	1.0485	0.0002	0.9922	0.9922	0.0000
2023-12-21T12:59:17	1	0	3	3	0	1.0541	1.0540	-0.0001	-0.9441	-0.9433	-0.0008
2023-12-21T12:59:45	1	0	1	1	0	1.0306	1.0306	0.0000	0.9998	0.9998	0.0000
2023-12-21T13:01:54	2	0	1	1	0	1.0325	1.0322	-0.0003	0.9903	0.9899	0.0004
2023-12-21T13:05:12	2	0	9	9	0	1.0455	1.0450	-0.0005	0.9877	0.9878	-0.0001
2023-12-21T13:09:36	1	0	5	6	-1	1.0509	1.0498	-0.0011	0.9862	0.9867	-0.0005
2023-12-21T13:18:56	1	0	19	19	0	1.0564	1.0564	0.0000	1	1	0.0000
2023-12-21T13:19:14	6	0	8	9	-1	1.0418	1.0402	-0.0016	0.9986	0.9986	0.0000
2023-12-21T13:20:00	2	0	10	10	0	1.0489	1.0478	-0.0011	-1	-1	0.0000
2023-12-21T13:23:25	3	0	128	124	4	1.0564	1.0563	0.0000	-0.9854	-0.9853	-0.0001
2023-12-21T13:30:29	1	0	11	11	0	0.9584	0.9583	-0.0001	0.9994	0.9994	0.0000
2023-12-21T13:31:22	1	0	37	36	1	1.0502	1.0501	-0.0001	0.9999	0.9999	0.0000
2023-12-21T13:33:10	2	0	6	8	-2	1.0382	1.0428	0.0046	0.9549	0.9549	0.0000
2023-12-21T13:33:57	1	0	11	10	1	1.0565	1.0567	0.0001	0.9998	0.9998	0.0000
2023-12-21T13:35:02	2	0	7	8	-1	1.0465	1.0464	-0.0001	1	1	0.0000
2023-12-21T13:38:40	3	0	6	8	-2	0.9425	0.9428	0.0003	0.9974	0.9974	0.0000
2023-12-21T13:45:38	5	0	4	5	-1	1.0305	1.0301	-0.0004	0.9998	0.9998	0.0000
2023-12-21T13:47:09	1	0	2	2	0	1.0396	1.0394	-0.0002	0.9986	0.9986	0.0000
2023-12-21T13:48:56	2	0	7	7	0	1.0532	1.0532	0.0000	0.996	0.9959	0.0001

2023-12-21T13:50:45	1	0	31	31	0	1.0460	1.0460	0.0000	-0.9999	-0.9999	0.0000
2023-12-21T13:59:49	1	0	1	1	0	1.0347	1.0347	0.0000	1	1	0.0000
2023-12-21T14:03:12	2	0	8	8	0	1.0441	1.0438	-0.0003	0.9593	0.9592	0.0001
2023-12-21T14:04:20	1	0	1	1	0	1.0419	1.0419	0.0000	-0.998	-0.998	0.0000
2023-12-21T14:05:07	2	0	111	111	0	1.0593	1.0588	-0.0006	-0.9898	-0.9904	0.0006
2023-12-21T14:05:46	1	0	38	38	0	1.0480	1.0480	0.0000	-0.9994	-0.9994	0.0000
2023-12-21T14:06:58	2	0	9	9	0	1.0471	1.0470	-0.0001	-0.9995	-0.9996	0.0001
2023-12-21T14:10:36	2	0	6	6	0	1.0509	1.0509	0.0000	0.9993	0.9993	0.0000
2023-12-21T14:13:55	1	0	1	1	0	1.1058	1.1058	0.0000	0.9963	0.9963	0.0000
2023-12-21T14:16:05	3	0	77	67	10	0.9730	0.9772	0.0041	0.9904	0.9909	-0.0005
2023-12-21T14:16:53	3	0	8	7	1	0.9499	0.9512	0.0013	0.9836	0.9602	0.0234
2023-12-21T14:17:13	1	0	56	54	2	1.0508	1.0506	-0.0002	-0.9734	-0.9734	0.0000
2023-12-21T14:17:40	5	0	39	37	2	1.0523	1.0522	-0.0002	0.9844	0.9844	0.0000
2023-12-21T14:18:58	3	0	5	5	0	1.0363	1.0365	0.0002	0.9823	0.9825	-0.0002
2023-12-21T14:19:18	3	0	4	4	0	1.0423	1.0421	-0.0002	0.9985	0.9984	0.0001
2023-12-21T14:20:05	8	0	12	10	2	1.0478	1.0470	-0.0008	-0.9998	-0.9998	0.0000
2023-12-21T14:20:08	2	0	112	112	0	1.0589	1.0587	-0.0001	-0.9901	-0.9904	0.0003
2023-12-21T14:20:47	1	0	37	37	0	1.0471	1.0471	0.0000	-0.9996	-0.9996	0.0000
2023-12-21T14:23:43	3	0	25	21	4	0.9416	0.9420	0.0004	0.9966	0.9966	0.0000
2023-12-21T14:24:56	1	0	35	34	1	1.0494	1.0492	-0.0002	0.9916	0.9916	0.0000
2023-12-21T14:25:37	1	0	9	9	0	1.0492	1.0492	0.0000	0.9995	0.9995	0.0000
2023-12-21T14:27:38	4	0	2	2	0	0.9964	0.9970	0.0006	-0.9775	-0.9806	0.0031
2023-12-21T14:27:59	1	0	20	19	1	1.0478	1.0473	-0.0005	0.9999	0.9999	0.0000
2023-12-21T14:28:52	1	0	13	13	0	1.0460	1.0459	-0.0001	1	1	0.0000
2023-12-21T14:29:51	1	0	1	1	0	1.0334	1.0334	0.0000	-1	-1	0.0000
2023-12-21T14:30:33	1	0	5	5	0	0.9407	0.9405	-0.0002	0.9948	0.9947	0.0001
2023-12-21T14:31:06	3	0	63	63	0	1.0236	1.0267	0.0031	0.991	0.9911	-0.0001
2023-12-21T14:32:14	1	0	66	65	1	1.0519	1.0519	-0.0001	-0.9786	-0.9785	-0.0001
2023-12-21T14:32:33	1	0	49	49	0	1.0522	1.0522	0.0000	0.9861	0.9861	0.0000
2023-12-21T14:32:41	1	0	52	51	1	1.0535	1.0534	-0.0001	0.9849	0.9849	0.0000
2023-12-21T14:32:46	1	0	5	5	0	0.9979	0.9980	0.0000	0.9822	0.9822	0.0000
2023-12-21T14:33:59	3	0	3	3	0	1.0263	1.0264	0.0001	0.9762	0.9762	0.0000
2023-12-21T14:34:02	1	0	10	10	0	1.0541	1.0541	0.0000	0.9986	0.9986	0.0000
2023-12-21T14:34:19	4	0	6	6	0	1.0391	1.0388	-0.0002	0.9981	0.9981	0.0000
2023-12-21T14:35:09	2	0	102	102	0	1.0577	1.0576	-0.0001	-0.9894	-0.9897	0.0003
2023-12-21T14:35:48	1	0	40	40	0	1.0477	1.0477	0.0000	-0.9995	-0.9995	0.0000
2023-12-21T14:36:37	2	0	6	6	0	1.0376	1.0375	-0.0001	0.9956	0.9957	-0.0001
2023-12-21T14:37:00	2	0	14	14	0	1.0457	1.0457	-0.0001	0.9999	0.9999	0.0000
2023-12-21T14:39:42	1	0	6	6	0	1.0500	1.0499	-0.0001	0.9825	0.9818	0.0007
2023-12-21T14:40:57	1	0	1	1	0	1.0455	1.0455	0.0000	-1	-0.9999	-0.0001
2023-12-21T14:41:34	2	0	9	9	0	1.0425	1.0423	-0.0003	0.9975	0.9974	0.0001
2023-12-21T14:42:39	4	0	2	2	0	0.9953	0.9954	0.0001	-0.9765	-0.98	0.0035
2023-12-21T14:43:04	1	0	92	88	4	1.0558	1.0557	-0.0001	-0.9995	-0.9995	0.0000
2023-12-21T14:43:53	1	0	16	16	0	1.0464	1.0464	0.0000	-0.9999	-0.9999	0.0000
2023-12-21T14:46:07	1	0	55	55	0	1.0333	1.0333	0.0000	0.9911	0.9911	0.0000
2023-12-21T14:50:07	5	0	7	7	0	1.0473	1.0472	-0.0001	-0.9998	-0.9998	0.0000
2023-12-21T14:55:58	1	0	2	2	0	1.0296	1.0295	-0.0001	0.9998	1	-0.0002
2023-12-21T15:00:07	2	0	17	16	1	1.0534	1.0533	-0.0002	0.9807	0.9806	0.0001
2023-12-21T15:05:54	2	0	16	16	0	1.0447	1.0446	-0.0001	0.9983	0.9982	0.0001
2023-12-21T15:06:03	1	0	1	0	1	1.0214	null	null	-0.9916	-0.9919	0.0003
2023-12-21T15:06:40	1	0	1	1	0	1.0345	1.0345	0.0000	0.9864	0.9861	0.0003
2023-12-21T15:09:00	1	0	340	338	2	1.0570	1.0570	0.0000	0.9916	0.9915	0.0001
2023-12-21T15:15:37	1	0	103	103	0	1.1327	1.1327	0.0000	-0.9959	-0.996	0.0001
2023-12-21T15:17:15	1	0	3	3	0	1.0392	1.0391	-0.0001	0.9982	0.9982	0.0000
2023-12-21T15:29:55	1	0	1	1	0	1.0335	1.0335	0.0000	-0.9994	-0.9994	0.0000
2023-12-21T15:31:44	1	0	1	1	0	0.9974	0.9978	0.0004	-0.986	-0.9856	-0.0004
2023-12-21T15:47:28	2	0	22	22	0	1.0422	1.0422	0.0000	0.9969	0.9968	0.0001
2023-12-21T15:50:47	1	0	13	13	0	1.0497	1.0496	-0.0001	0.9777	0.9716	0.0061
2023-12-21T15:52:13	7	0	4	2	2	0.9713	0.9856	0.0143	0.9887	0.9888	-0.0001
2023-12-21T15:53:16	2	0	1	0	1	0.9612	null	null	0.9717	0.9718	-0.0001
2023-12-21T16:37:16	1	0	3	3	0	0.9550	0.9553	0.0003	0.9884	0.9887	-0.0003
2023-12-21T16:45:42	1	0	1	1	0	1.0097	1.0096	-0.0001	0.9998	0.9997	0.0001
2023-12-21T16:48:51	1	0	26	14	12	0.9531	0.9539	0.0008	0.9921	0.9921	0.0000
2023-12-21T16:59:33	2	0	5	4	1	0.9431	0.9432	0.0001	-0.9699	-0.9689	-0.0010
2023-12-21T18:05:08	2	0	131	131	0	0.9404	0.9404	0.0001	0.9946	0.9947	-0.0001
2023-12-22T07:50:17	2	0	38	37	1	0.9417	0.9418	0.0000	-0.9662	-0.9647	-0.0015
2023-12-22T07:51:52	2	0	84	84	0	0.9232	0.9233	0.0001	0.9952	0.9951	0.0001
2023-12-22T08:00:09	1	0	40	40	0	1.0566	1.0565	0.0000	-0.9832	-0.9828	-0.0004
2023-12-22T08:04:58	1	0	63	63	0	0.9347	0.9348	0.0001	-0.9953	-0.995	-0.0003
2023-12-22T08:18:10	1	0	89	88	1	1.0603	1.0603	0.0000	-0.9415	-0.9414	-0.0001
2023-12-22T08:18:17	1	0	95	95	0	0.9402	0.9403	0.0001	0.9868	0.9871	-0.0003
2023-12-22T08:20:15	1	0	57	56	1	1.0548	1.0548	0.0000	0.9864	0.9863	0.0001
2023-12-22T08:20:19	1	0	43	40	3	0.9432	0.9431	-0.0001	-0.9957	-0.9956	-0.0001
2023-12-22T08:24:47	1	0	91	91	0	0.9160	0.9161	0.0000	0.9964	0.9965	-0.0001
2023-12-22T08:27:33	2	0	227	227	0	0.9296	0.9299	0.0002	0.994	0.994	0.0000
2023-12-22T08:29:21	4	0	21	21	0	1.0521	1.0520	-0.0001	0.9998	0.9998	0.0000
2023-12-22T08:32:11	1	0	795	795	0	1.0788	1.0788	0.0000	0.9999	0.9999	0.0000
2023-12-22T08:36:42	1	0	7	7	0	1.0297	1.0296	-0.0001	0.991	0.9908	0.0002
2023-12-22T08:36:45	1	0	12	12	0	0.9403	0.9406	0.0003	-0.999	-0.9989	-0.0001
2023-12-22T08:39:48	1	0	83	82	1	0.9173	0.9174	0.0001	0.9949	0.9949	0.0000
2023-12-22T08:40:37	1	0	97	97	0	0.9303	0.9304	0.0001	-0.9982	-0.998	-0.0002
2023-12-22T08:44:22	1	0	23	23	0	1.0518	1.0517	-0.0001	0.9995	0.9995	0.0000
2023-12-22T08:47:12	1	0	795	795	0	1.0794	1.0794	0.0000	0.9999	0.9999	0.0000
2023-12-22T08:51:43	1	0	7	7	0	0.9629	0.9633	0.0004	0.9892	0.989	0.0002
2023-12-22T09:00:13	1	0	39	39	0	1.0570	1.0570	0.0000	-0.9848	-0.9844	-0.0004

2023-12-22T09:02:13	3	0	795	795	0	1.0794	1.0794	0.0000	0.9998	0.9998	0.0000
2023-12-22T09:03:20	1	0	74	73	1	0.9620	0.9624	0.0004	0.9862	0.9866	-0.0004
2023-12-22T09:05:18	1	0	42	41	1	1.0540	1.0539	0.0000	0.9876	0.9875	0.0001
2023-12-22T09:05:22	3	0	10	9	1	0.9439	0.9443	0.0005	-0.9956	-0.9954	-0.0002
2023-12-22T09:06:44	3	0	12	11	1	0.9686	0.9700	0.0014	0.9887	0.9885	0.0002
2023-12-22T09:06:57	2	0	62	59	3	0.9280	0.9284	0.0004	0.995	0.9949	0.0001
2023-12-22T09:09:20	1	0	4	4	0	1.0221	1.0222	0.0001	0.9974	0.9974	0.0000
2023-12-22T09:09:50	2	0	84	83	1	0.9137	0.9138	0.0001	0.9941	0.9941	0.0000
2023-12-22T09:12:42	1	0	24	22	2	1.0498	1.0492	-0.0006	0.9972	0.9973	-0.0001
2023-12-22T09:14:24	1	0	18	17	1	1.0513	1.0510	-0.0003	0.9996	0.9996	0.0000
2023-12-22T09:17:50	2	0	20	19	1	1.0441	1.0436	-0.0006	0.9681	0.9681	0.0000
2023-12-22T09:18:14	1	0	222	222	0	1.0651	1.0651	0.0000	-0.9656	-0.9655	-0.0001
2023-12-22T09:18:21	1	0	86	86	0	0.9494	0.9495	0.0001	0.9867	0.987	-0.0003
2023-12-22T09:20:19	1	0	25	25	0	1.0519	1.0518	-0.0001	0.987	0.9869	0.0001
2023-12-22T09:21:45	10	0	15	14	1	0.9835	0.9852	0.0017	0.9889	0.9887	0.0002
2023-12-22T09:21:48	1	0	11	11	0	0.9397	0.9404	0.0007	-0.9994	-0.9993	-0.0001
2023-12-22T09:22:46	1	0	1	1	0	0.9577	0.9583	0.0006	0.9885	0.9884	0.0001
2023-12-22T09:25:46	1	0	24	23	1	1.0493	1.0491	-0.0003	-0.9931	-0.9931	0.0000
2023-12-22T09:29:01	2	0	2	1	1	0.9445	0.9449	0.0004	-0.9771	-0.9763	-0.0008
2023-12-22T09:33:58	1	0	9	9	0	1.0399	1.0397	-0.0002	0.9999	0.9999	0.0000
2023-12-22T09:39:22	2	0	3	3	0	1.0442	1.0437	-0.0005	0.9962	0.996	0.0002
2023-12-22T09:40:41	4	0	92	90	2	0.9316	0.9319	0.0002	-0.9991	-0.9989	-0.0002
2023-12-22T09:41:49	1	0	13	12	1	1.0536	1.0531	-0.0004	0.9843	0.9842	0.0001
2023-12-22T09:42:38	2	0	64	63	1	0.9424	0.9426	0.0002	0.9956	0.9956	0.0000
2023-12-22T09:45:16	3	0	274	275	-1	0.7408	0.7490	0.0082	0.991	0.9914	-0.0004
2023-12-22T09:45:45	8	0	4	4	0	1.0185	1.0183	-0.0001	0.9584	0.9593	-0.0009
2023-12-22T09:46:02	5	0	12	12	0	1.0388	1.0387	-0.0001	-0.9994	-0.9995	0.0001
2023-12-22T09:47:03	2	0	6	6	0	1.0372	1.0370	-0.0002	0.9922	0.9921	0.0001
2023-12-22T09:48:33	3	0	1	1	0	0.9854	0.9872	0.0018	0.973	0.9733	-0.0003
2023-12-22T09:48:59	1	0	14	14	0	1.0446	1.0446	-0.0001	1	1	0.0000
2023-12-22T09:50:06	3	0	55	51	4	0.9360	0.9361	0.0001	-0.9981	-0.9978	-0.0003
2023-12-22T09:50:28	5	0	14	10	4	1.0474	1.0471	-0.0002	0.9993	0.9993	0.0000
2023-12-22T09:51:47	27	0	10	7	3	1.0049	1.0097	0.0048	0.9884	0.9884	0.0000
2023-12-22T09:55:42	2	0	100	99	1	0.9284	0.9285	0.0001	-0.9995	-0.9993	-0.0002
2023-12-22T09:59:27	3	0	20	17	3	1.0502	1.0504	0.0002	0.9997	0.9997	0.0000
2023-12-22T10:00:17	2	0	172	170	2	1.1245	1.1237	-0.0008	0.9975	0.9975	0.0000
2023-12-22T10:00:43	3	0	3	3	0	0.9983	0.9986	0.0003	0.9983	0.9983	0.0000
2023-12-22T10:00:46	6	0	3	3	0	1.0496	1.0456	-0.0040	0.9651	0.9628	0.0023
2023-12-22T10:03:53	1	0	1	1	0	1.0206	1.0202	-0.0004	1	1	0.0000
2023-12-22T10:05:00	2	0	2	2	0	1.0295	1.0292	-0.0004	0.997	0.9969	0.0001
2023-12-22T10:05:22	3	0	106	104	2	1.0580	1.0580	0.0000	0.9886	0.9884	0.0002
2023-12-22T10:05:31	1	0	36	35	1	1.0513	1.0512	0.0000	0.9999	0.9999	0.0000
2023-12-22T10:09:45	2	0	1	0	1	1.0564	null	null	-0.9984	-0.9984	0.0000
2023-12-22T10:09:54	4	0	84	84	0	0.9218	0.9219	0.0001	0.9953	0.9944	0.0009
2023-12-22T10:10:55	1	0	18	16	2	0.9556	0.9572	0.0016	0.9886	0.9884	0.0002
2023-12-22T10:11:18	3	0	3	3	0	0.9825	0.9832	0.0007	0.9897	0.9898	-0.0001
2023-12-22T10:11:51	1	0	14	13	1	1.0539	1.0537	-0.0003	0.9841	0.984	0.0001
2023-12-22T10:14:28	3	0	19	19	0	1.0502	1.0501	0.0000	0.9997	0.9997	0.0000
2023-12-22T10:15:40	2	0	4	4	0	1.0411	1.0410	-0.0001	1	1	0.0000
2023-12-22T10:16:05	2	0	12	12	0	1.0379	1.0378	-0.0001	-0.9996	-0.9996	0.0000
2023-12-22T10:16:52	2	0	2	2	0	1.0389	1.0385	-0.0004	-0.9998	-0.9998	0.0000
2023-12-22T10:17:21	2	0	2	2	0	1.0256	1.0251	-0.0005	0.9839	0.9838	0.0001
2023-12-22T10:17:34	1	0	5	5	0	0.9947	0.9948	0.0001	0.9819	0.982	-0.0001
2023-12-22T10:19:02	3	0	8	8	0	1.0412	1.0409	-0.0003	0.9999	0.9999	0.0000
2023-12-22T10:19:54	1	0	18	18	0	1.0520	1.0519	-0.0001	0.9972	0.997	0.0002
2023-12-22T10:20:32	3	0	44	43	1	1.0502	1.0501	-0.0001	0.9997	0.9997	0.0000
2023-12-22T10:21:49	9	0	10	8	2	1.0308	1.0299	-0.0010	0.9898	0.9894	0.0004
2023-12-22T10:22:50	1	0	1	1	0	0.9650	0.9654	0.0004	0.9885	0.9884	0.0001
2023-12-22T10:23:12	4	0	6	6	0	1.0285	1.0282	-0.0003	0.9994	0.9994	0.0000
2023-12-22T10:28:44	2	0	6	6	0	0.9856	0.9856	-0.0001	0.9938	0.9937	0.0001
2023-12-22T10:29:06	1	0	1	1	0	1.0597	1.0592	-0.0005	-0.9723	-0.9724	0.0001
2023-12-22T10:29:51	1	0	5	5	0	0.9430	0.9436	0.0005	0.9731	0.9732	-0.0001
2023-12-22T10:30:19	2	0	228	219	9	1.1279	1.1278	-0.0001	-0.9806	-0.9809	0.0003
2023-12-22T10:30:48	5	0	4	4	0	1.0154	1.0158	0.0005	0.9554	0.9582	-0.0028
2023-12-22T10:31:08	1	0	11	11	0	1.0389	1.0388	-0.0001	-0.9994	-0.9994	0.0000
2023-12-22T10:31:23	1	0	2	2	0	1.0197	1.0193	-0.0004	-0.9897	-0.991	0.0013
2023-12-22T10:32:14	1	0	5	5	0	1.0236	1.0236	0.0001	0.9925	0.9925	0.0000
2023-12-22T10:33:51	1	0	2	2	0	0.9850	0.9849	-0.0001	0.9715	0.9714	0.0001
2023-12-22T10:34:02	1	0	5	5	0	1.0319	1.0318	-0.0001	0.9999	0.9999	0.0000
2023-12-22T10:34:48	5	0	5	5	0	1.0502	1.0495	-0.0008	0.9943	0.9941	0.0002
2023-12-22T10:35:06	1	0	2	2	0	1.0179	1.0177	-0.0003	0.9927	0.9926	0.0001
2023-12-22T10:35:28	1	0	141	141	0	0.9370	0.9373	0.0003	0.9831	0.9833	-0.0002
2023-12-22T10:35:37	2	0	9	9	0	1.0300	1.0300	-0.0001	0.9982	0.9982	0.0000
2023-12-22T10:36:50	1	0	5	5	0	1.0261	1.0260	-0.0001	0.9895	0.9894	0.0001
2023-12-22T10:39:56	3	0	99	92	7	0.9230	0.9232	0.0003	0.9944	0.9945	-0.0001
2023-12-22T10:40:45	2	0	78	74	4	0.9325	0.9325	0.0001	-0.9991	-0.9991	0.0000
2023-12-22T10:44:07	1	0	6	6	0	0.9622	0.9625	0.0003	-0.9716	-0.9713	-0.0003
2023-12-22T10:44:24	2	0	4	4	0	1.0317	1.0316	-0.0001	-0.9995	-0.9995	0.0000
2023-12-22T10:44:52	1	0	13	13	0	0.9378	0.9382	0.0003	0.9726	0.9727	-0.0001
2023-12-22T10:45:49	4	0	4	7	-3	1.0376	1.0440	0.0064	1	-0.9922	-0.0078
2023-12-22T10:46:41	6	0	105	100	5	1.0578	1.0576	-0.0002	0.9836	0.9833	0.0003
2023-12-22T10:46:43	4	0	32	28	4	1.0551	1.0544	-0.0007	0.9818	0.9709	0.0109
2023-12-22T10:47:15	1	0	5	5	0	1.0067	1.0069	0.0001	0.9928	0.9928	0.0000
2023-12-22T10:47:19	6	0	3	3	0	1.0352	1.0331	-0.0021	0.9985	0.9984	0.0001
2023-12-22T10:47:56	1	0	19	16	3	0.9730	0.9785	0.0055	0.9598	0.9627	-0.0029

2023-12-22T10:48:56	2	0	3	3	0	1.0064	1.0062	-0.0002	0.9998	0.9998	0.0000
2023-12-22T10:50:03	1	0	2	1	1	1.0437	1.0318	-0.0119	0.9963	0.9963	0.0000
2023-12-22T10:50:25	1	0	19	19	0	1.0497	1.0496	0.0000	0.9702	0.97	0.0002
2023-12-22T10:51:15	2	0	1	1	0	1.0266	1.0256	-0.0010	0.9961	0.9962	-0.0001
2023-12-22T10:54:48	2	0	2	2	0	1.0569	1.0562	-0.0007	-0.9985	-0.9985	0.0000
2023-12-22T10:55:46	2	0	70	68	2	0.9353	0.9357	0.0003	-0.9989	-0.9988	-0.0001
2023-12-22T10:56:48	1	0	5	5	0	1.0494	1.0492	-0.0002	-0.9918	-0.9919	0.0001
2023-12-22T10:59:53	1	0	3	3	0	0.9429	0.9433	0.0004	0.9738	0.9739	-0.0001
2023-12-22T11:01:18	1	0	55	54	1	1.0550	1.0550	0.0000	-0.9949	-0.9951	0.0002
2023-12-22T11:01:34	3	0	6	6	0	1.0365	1.0364	-0.0001	0.9916	0.9914	0.0002
2023-12-22T11:02:20	1	0	3	3	0	1.0400	1.0396	-0.0003	0.9988	0.9988	0.0000
2023-12-22T11:02:37	1	0	5	5	0	0.9961	0.9962	0.0001	0.9859	0.986	-0.0001
2023-12-22T11:02:57	1	0	42	41	1	1.0527	1.0524	-0.0002	0.9682	0.9682	0.0000
2023-12-22T11:03:38	1	0	21	18	3	1.0540	1.0530	-0.0010	-0.9909	-0.9911	0.0002
2023-12-22T11:03:57	1	0	1	1	0	1.0260	1.0254	-0.0006	1	1	0.0000
2023-12-22T11:04:05	2	0	10	10	0	1.0441	1.0439	-0.0002	1	1	0.0000
2023-12-22T11:05:08	1	0	3	3	0	1.0507	1.0506	-0.0001	0.9944	0.9942	0.0002
2023-12-22T11:05:23	1	0	2	2	0	1.0410	1.0406	-0.0004	0.999	0.999	0.0000
2023-12-22T11:05:33	2	0	12	12	0	1.0482	1.0481	-0.0002	0.9995	0.9995	0.0000
2023-12-22T11:05:56	2	0	2	2	0	1.0673	1.0668	-0.0005	-0.9932	-0.9934	0.0002
2023-12-22T11:11:22	1	0	3	3	0	1.0411	1.0410	-0.0001	0.9917	0.9916	0.0001
2023-12-22T11:12:41	1	0	1	0	1	1.0574	null	null	-0.9811	-0.9811	0.0000
2023-12-22T11:12:50	1	0	20	20	0	1.0480	1.0480	-0.0001	0.9956	0.9958	-0.0002
2023-12-22T11:13:24	2	0	2	2	0	1.0289	1.0286	-0.0003	0.9942	0.9941	0.0001
2023-12-22T11:14:32	1	0	26	26	0	1.0527	1.0527	0.0000	0.9996	0.9996	0.0000
2023-12-22T11:14:53	1	0	9	8	1	1.0530	1.0518	-0.0012	0.9758	0.9756	0.0002
2023-12-22T11:15:51	3	0	7	7	0	1.0427	1.0419	-0.0008	0.9518	0.9538	-0.0020
2023-12-22T11:16:33	1	0	6	6	0	1.0469	1.0463	-0.0006	0.9959	0.9958	0.0001
2023-12-22T11:16:43	2	0	1	1	0	1.0552	1.0550	-0.0002	0.9924	0.9924	0.0000
2023-12-22T11:17:21	3	0	6	6	0	1.0471	1.0469	-0.0003	0.9994	0.9994	0.0000
2023-12-22T11:17:25	1	0	4	4	0	1.0322	1.0322	-0.0001	0.9799	0.9799	0.0000
2023-12-22T11:18:39	2	0	2	2	0	1.0204	1.0194	-0.0010	0.9727	0.9722	0.0005
2023-12-22T11:18:47	1	0	1	1	0	1.0580	1.0579	-0.0001	0.9963	0.9963	0.0000
2023-12-22T11:18:58	1	0	1	1	0	1.0206	1.0200	-0.0006	0.9997	0.9997	0.0000
2023-12-22T11:20:27	1	0	26	26	0	1.0514	1.0513	0.0000	0.9702	0.97	0.0002
2023-12-22T11:21:53	2	0	6	6	0	1.0342	1.0341	-0.0001	0.99	0.9899	0.0001
2023-12-22T11:23:31	4	0	1	0	1	0.9441	null	null	0.9982	0.9983	-0.0001
2023-12-22T11:27:42	1	0	81	81	0	1.1428	1.1411	-0.0017	-0.9841	-0.9842	0.0001
2023-12-22T11:29:27	1	0	7	7	0	1.0475	1.0475	0.0000	-0.9993	-0.9993	0.0000
2023-12-22T11:30:45	2	0	8	8	0	1.0437	1.0436	0.0000	1	1	0.0000
2023-12-22T11:31:34	1	0	8	9	-1	1.0480	1.0488	0.0008	0.996	0.9961	-0.0001
2023-12-22T11:32:26	1	0	3	2	1	0.9990	1.0287	0.0297	0.9792	0.9792	0.0000
2023-12-22T11:33:09	1	0	5	4	1	1.0553	1.0538	-0.0015	0.9785	0.9784	0.0001
2023-12-22T11:33:48	1	0	1	1	0	1.0558	1.0558	0.0000	0.9971	0.9971	0.0000
2023-12-22T11:36:54	24	0	11	9	2	0.9553	0.9596	0.0043	0.9849	0.9851	-0.0002
2023-12-22T11:37:55	2	0	1	0	1	1.0564	null	null	0.9671	0.9669	0.0002
2023-12-22T11:40:20	2	0	2	2	0	1.0289	1.0285	-0.0004	0.9986	0.9985	0.0001
2023-12-22T11:42:43	1	0	5	6	-1	1.0616	1.0610	-0.0006	-0.9785	-0.9785	0.0000
2023-12-22T11:42:46	2	0	4	9	-5	0.9436	0.9500	0.0065	0.9967	0.9968	-0.0001
2023-12-22T11:43:11	2	0	47	45	2	1.0526	1.0525	-0.0001	-0.9998	-0.9998	0.0000
2023-12-22T11:43:22	2	0	34	33	1	1.0524	1.0522	-0.0002	-0.9997	-0.9997	0.0000
2023-12-22T11:43:28	1	0	1	1	0	0.9969	0.9963	-0.0006	-0.9958	-0.9957	-0.0001
2023-12-22T11:44:56	2	0	1	1	0	0.9448	0.9448	0.0000	0.9742	0.9741	0.0001
2023-12-22T11:46:45	2	0	1	1	0	1.0431	1.0431	0.0000	0.9923	0.9923	0.0000
2023-12-22T11:47:40	2	0	6	6	0	1.0135	1.0134	-0.0002	0.9848	0.9847	0.0001
2023-12-22T11:49:53	2	0	4	5	-1	1.0494	1.0497	0.0004	0.9968	0.9969	-0.0001
2023-12-22T11:50:38	1	0	20	20	0	1.0461	1.0461	0.0000	0.9986	0.9986	0.0000
2023-12-22T11:52:56	1	0	1	0	1	1.0554	null	null	0.9676	0.9673	0.0003
2023-12-22T11:57:44	1	0	1	1	0	1.0573	1.0573	0.0000	-0.9906	-0.9905	-0.0001
2023-12-22T11:58:23	1	0	37	36	1	1.0532	1.0531	-0.0001	-0.9989	-0.9989	0.0000
2023-12-22T11:58:52	1	0	1	1	0	1.0346	1.0338	-0.0008	0.9999	0.9999	0.0000
2023-12-22T11:59:44	1	0	4	3	1	1.0461	1.0429	-0.0032	0.9959	0.9959	0.0000
2023-12-22T12:03:11	1	0	4	5	-1	1.0529	1.0534	0.0005	0.979	0.979	0.0000
2023-12-22T12:03:50	1	0	1	1	0	1.0590	1.0590	0.0000	0.9984	0.9984	0.0000
2023-12-22T12:05:39	1	0	25	24	1	1.0469	1.0469	0.0000	0.9989	0.9989	0.0000
2023-12-22T12:12:48	1	0	1	1	0	0.9934	0.9926	-0.0008	0.997	0.997	0.0000
2023-12-22T12:13:13	2	0	90	89	1	1.0559	1.0558	0.0000	-0.9997	-0.9994	-0.0003
2023-12-22T12:22:26	1	0	2	2	0	1.0508	1.0508	0.0000	-0.9975	-0.9975	0.0000
2023-12-22T12:23:19	1	0	64	63	1	1.0530	1.0530	0.0000	-0.9915	-0.9914	-0.0001
2023-12-22T12:31:48	3	0	1	1	0	1.0550	1.0550	0.0000	0.9892	0.9893	-0.0001
2023-12-22T12:32:30	2	0	4	3	1	1.0122	1.0363	0.0241	0.9816	0.9816	0.0000
2023-12-22T12:33:59	2	0	1	0	1	1.0569	null	null	0.9583	0.9583	0.0000
2023-12-22T12:38:10	5	0	4	3	1	1.0597	1.0585	-0.0011	-0.9929	-0.993	0.0001
2023-12-22T12:58:08	1	0	10	10	0	1.0360	1.0359	-0.0001	0.9933	0.9933	0.0000
2023-12-22T13:00:02	2	0	13	12	1	0.9389	0.9387	-0.0002	0.9603	0.9604	-0.0001
2023-12-22T13:05:41	1	0	16	15	1	1.0479	1.0479	0.0000	0.9996	0.9996	0.0000
2023-12-22T13:12:52	1	0	32	32	0	0.9448	0.9450	0.0002	0.997	0.9971	-0.0001
2023-12-22T13:13:28	1	0	36	34	2	1.0525	1.0523	-0.0002	-0.9994	-0.9994	0.0000
2023-12-22T13:19:59	2	0	2	2	0	1.0462	1.0462	0.0000	0.9983	0.9983	0.0000
2023-12-22T13:45:05	2	0	1	2	-1	0.9437	0.9438	0.0001	0.9613	0.9613	0.0000
2023-12-22T13:47:35	1	0	2	2	0	1.0240	1.0240	-0.0001	0.9818	0.9818	0.0000
2023-12-22T13:58:20	2	0	98	97	1	1.0560	1.0560	0.0000	-0.9992	-0.9992	0.0000
2023-12-22T14:02:36	1	0	3	4	-1	1.0285	1.0076	-0.0209	0.9814	0.9813	0.0001
2023-12-22T14:03:50	4	0	3	2	1	1.0548	1.0528	-0.0020	0.9769	0.9767	0.0002
2023-12-22T14:04:17	9	0	27	27	0	1.0485	1.0479	-0.0006	-0.9999	-0.9999	0.0000

2023-12-22T14:07:09	36	0	3	3	0	0.9549	0.9557	0.0008	0.9864	0.9866	-0.0002
2023-12-22T14:07:17	1	0	2	2	0	0.9053	0.9053	0.0000	0.9998	0.9998	0.0000
2023-12-22T14:08:00	1	0	1	1	0	1.0568	1.0565	-0.0003	0.9881	0.988	0.0001
2023-12-22T14:09:36	1	0	1	1	0	0.9756	0.9760	0.0004	0.9807	0.9807	0.0000
2023-12-22T14:10:57	2	0	1	1	0	1.0104	1.0097	-0.0007	0.9707	0.9705	0.0002
2023-12-22T14:13:02	5	0	500	497	3	1.0660	1.0658	-0.0002	-0.9907	-0.9907	0.0000
2023-12-22T14:15:00	1	0	3	3	0	1.0348	1.0347	-0.0001	0.9992	0.9992	0.0000
2023-12-22T14:15:56	3	0	3	3	0	1.0433	1.0432	-0.0001	0.9992	0.9992	0.0000
2023-12-22T14:16:47	2	0	2	2	0	1.0323	1.0322	-0.0002	0.9912	0.9914	-0.0002
2023-12-22T14:18:51	1	0	2	2	0	1.0540	1.0540	-0.0001	0.9748	0.9748	0.0000
2023-12-22T14:19:18	5	0	22	22	0	1.0462	1.0461	-0.0001	-1	-1	0.0000
2023-12-22T14:20:12	1	0	2	2	0	0.9906	0.9906	0.0000	0.8945	0.8946	-0.0001
2023-12-22T14:20:17	1	0	1	1	0	1.0292	1.0292	0.0000	0.9847	0.9847	0.0000
2023-12-22T14:20:48	2	0	23	23	0	1.0457	1.0456	0.0000	0.9987	0.9987	0.0000
2023-12-22T14:22:00	2	0	10	10	0	1.0513	1.0512	-0.0001	-0.9981	-0.9981	0.0000
2023-12-22T14:22:18	1	0	3	3	0	0.9161	0.9162	0.0001	0.9992	0.9984	0.0008
2023-12-22T14:25:58	2	0	1	1	0	1.0101	1.0099	-0.0002	0.9705	0.9705	0.0000
2023-12-22T14:28:03	4	0	589	587	2	1.0679	1.0678	-0.0001	-0.9834	-0.9833	-0.0001
2023-12-22T14:30:02	1	0	4	4	0	1.0357	1.0356	-0.0001	0.9994	0.9994	0.0000
2023-12-22T14:31:06	1	0	1	1	0	1.0164	1.0152	-0.0012	0.9074	0.9081	-0.0007
2023-12-22T14:32:51	1	0	4	4	0	0.9951	0.9951	0.0001	0.9832	0.9832	0.0000
2023-12-22T14:33:52	1	0	2	2	0	1.0516	1.0516	-0.0001	0.9753	0.9753	0.0000
2023-12-22T14:34:15	1	0	3	3	0	1.0244	1.0243	-0.0001	-0.9975	-0.9975	0.0000
2023-12-22T14:34:19	5	0	25	25	0	1.0465	1.0464	-0.0001	-1	-1	0.0000
2023-12-22T14:35:07	1	0	5	5	0	1.0379	1.0378	-0.0001	0.9678	0.9677	0.0001
2023-12-22T14:37:11	26	0	8	8	0	0.9741	0.9756	0.0015	0.986	0.9861	-0.0001
2023-12-22T14:39:38	1	0	1	1	0	0.9780	0.9781	0.0001	0.9828	0.9828	0.0000
2023-12-22T14:40:59	1	0	1	1	0	1.0097	1.0096	-0.0001	0.9705	0.9705	0.0000
2023-12-22T14:42:58	1	0	2	2	0	0.9706	0.9706	0.0000	0.9971	0.9972	-0.0001
2023-12-22T14:43:04	3	0	584	583	1	1.0698	1.0698	0.0000	-0.9824	-0.9821	-0.0003
2023-12-22T14:43:15	1	0	9	9	0	1.0336	1.0336	0.0000	0.9962	0.9962	0.0000
2023-12-22T14:46:47	1	0	5	5	0	1.0445	1.0444	0.0000	0.9972	0.9972	0.0000
2023-12-22T14:47:35	2	0	2	1	1	1.0477	1.0391	-0.0086	0.9972	0.9972	0.0000
2023-12-22T14:50:20	1	0	2	2	0	1.0328	1.0325	-0.0004	0.9856	0.9856	0.0000
2023-12-22T14:52:20	1	0	4	4	0	0.9237	0.9237	0.0000	0.9991	0.9991	0.0000
2023-12-22T14:52:52	3	0	26	24	2	1.0478	1.0496	0.0018	0.9994	0.9993	0.0001
2023-12-22T14:55:40	1	0	11	11	0	1.0486	1.0484	-0.0002	-1	-1	0.0000
2023-12-22T14:57:37	2	0	1	0	1	0.9926	null	null	-0.9898	-0.9897	-0.0001
2023-12-22T15:00:42	3	0	20	18	2	1.0522	1.0522	0.0000	1	1	0.0000
2023-12-22T15:00:59	1	0	2	2	0	1.0362	1.0362	-0.0001	0.9992	0.9992	0.0000
2023-12-22T15:01:08	1	0	1	1	0	1.0249	1.0238	-0.0011	0.9079	0.9068	0.0011
2023-12-22T15:01:41	1	0	3	3	0	1.0123	1.0124	0.0002	-0.9875	-0.9874	-0.0001
2023-12-22T15:07:13	1	0	10	10	0	1.0070	1.0070	0.0000	0.9865	0.9864	0.0001
2023-12-22T15:11:15	1	0	6	6	0	1.0292	1.0292	0.0000	0.9933	0.9933	0.0000
2023-12-22T15:12:17	1	0	45	45	0	1.0490	1.0489	0.0000	-0.9964	-0.9964	0.0000
2023-12-22T15:12:38	4	0	1	1	0	0.9938	0.9948	0.0010	-0.9893	-0.9891	-0.0002
2023-12-22T15:13:06	1	0	586	580	6	1.0677	1.0675	-0.0002	-0.9979	-0.9979	0.0000
2023-12-22T15:16:51	1	0	3	3	0	1.0272	1.0272	0.0000	0.9916	0.9915	0.0001
2023-12-22T15:28:55	1	0	7	7	0	1.0422	1.0421	-0.0001	0.9954	0.9954	0.0000
2023-12-22T15:30:37	3	0	1	0	1	1.0096	null	null	0.9828	0.9826	0.0002
2023-12-22T15:35:51	2	0	17	17	0	1.0502	1.0501	0.0000	0.9997	0.9997	0.0000
2023-12-22T15:37:15	1	0	5	5	0	0.9845	0.9845	0.0000	0.986	0.986	0.0000
2023-12-22T15:40:55	1	0	12	12	0	1.0354	1.0353	-0.0001	0.9906	0.9906	0.0000
2023-12-22T15:42:07	1	0	1	1	0	1.0204	1.0201	-0.0003	0.983	0.983	0.0000
2023-12-22T15:45:38	2	0	1	1	0	1.0077	1.0072	-0.0005	0.9836	0.9835	0.0001
2023-12-22T15:46:53	1	0	3	3	0	1.0223	1.0221	-0.0002	0.9918	0.9917	0.0001
2023-12-22T15:50:45	1	0	15	15	0	1.0417	1.0417	0.0000	0.9745	0.9746	-0.0001
2023-12-22T15:50:52	3	0	19	18	1	1.0529	1.0526	-0.0003	0.9998	0.9996	0.0002
2023-12-22T15:56:41	2	0	9	9	0	1.0355	1.0354	-0.0001	0.9935	0.9934	0.0001
2023-12-22T16:15:40	3	0	1	1	0	1.0082	1.0061	-0.0021	0.9839	0.9837	0.0002
2023-12-22T16:25:19	1	0	33	33	0	0.9487	0.9486	-0.0001	0.9929	0.9929	0.0000
2023-12-22T16:34:00	2	0	1	1	0	0.9812	0.9814	0.0002	0.9775	0.9777	-0.0002
2023-12-22T16:43:08	1	0	187	183	4	0.9359	0.9360	0.0001	0.9955	0.9955	0.0000
2023-12-22T18:05:59	1	0	46	46	0	0.9418	0.9418	0.0000	-0.9945	-0.9942	-0.0003
2023-12-22T18:21:00	1	0	236	236	0	0.9274	0.9274	0.0000	0.9927	0.9929	-0.0002
2023-12-23T07:50:18	2	0	107	107	0	0.9373	0.9375	0.0001	0.998	0.9982	-0.0002
2023-12-23T08:05:19	1	0	171	171	0	0.9355	0.9355	0.0000	0.9954	0.9956	-0.0002
2023-12-23T08:12:34	2	0	105	104	1	0.9424	0.9425	0.0001	0.9963	0.9964	-0.0001
2023-12-23T08:18:12	1	0	303	303	0	1.0672	1.0672	0.0000	-0.9375	-0.9374	-0.0001
2023-12-23T08:18:16	1	0	104	104	0	0.9353	0.9354	0.0001	0.9909	0.9909	0.0000
2023-12-23T08:27:41	1	0	263	260	3	1.0586	1.0586	0.0000	0.999	0.999	0.0000
2023-12-23T08:29:22	1	0	10	10	0	1.0497	1.0497	0.0000	0.9974	0.9975	-0.0001
2023-12-23T08:32:12	2	0	795	795	0	1.0769	1.0769	0.0000	-0.9883	-0.9882	-0.0001
2023-12-23T08:36:47	1	0	1	1	0	0.9416	0.9421	0.0005	-0.9999	-0.9999	0.0000
2023-12-23T08:39:48	1	0	101	101	0	0.9075	0.9075	0.0000	0.9968	0.9969	-0.0001
2023-12-23T08:57:43	1	0	205	197	8	1.0579	1.0579	0.0000	0.9991	0.9991	0.0000
2023-12-23T08:59:01	2	0	29	28	1	0.9413	0.9417	0.0003	-0.9722	-0.9711	-0.0011
2023-12-23T09:00:41	3	0	87	82	5	0.9400	0.9403	0.0002	0.9949	0.9949	0.0000
2023-12-23T09:03:15	1	0	324	324	0	1.0668	1.0661	-0.0007	-0.9284	-0.9283	-0.0001
2023-12-23T09:03:19	1	0	102	101	1	0.9343	0.9346	0.0003	0.99	0.99	0.0000
2023-12-23T09:03:34	1	0	1	1	0	1.0452	1.0452	0.0000	-0.9891	-0.9891	0.0000
2023-12-23T09:05:23	2	0	213	213	0	0.9332	0.9334	0.0001	0.9972	0.9974	-0.0002
2023-12-23T09:06:46	1	0	4	4	0	0.9680	0.9683	0.0003	0.994	0.9941	-0.0001
2023-12-23T09:10:40	1	0	43	42	1	0.9431	0.9431	0.0000	-0.995	-0.9948	-0.0002
2023-12-23T09:12:38	1	0	132	131	1	0.9406	0.9408	0.0002	0.996	0.996	0.0000

2023-12-23T09:12:44	2	0	184	175	9	1.0576	1.0575	-0.0001	0.999	0.999	0.0000
2023-12-23T09:14:25	1	0	10	10	0	1.0486	1.0486	0.0000	0.9974	0.9974	0.0000
2023-12-23T09:14:48	1	0	67	59	8	0.9398	0.9402	0.0004	0.9714	0.9714	0.0000
2023-12-23T09:17:15	3	0	788	787	1	1.0740	1.0740	0.0000	-0.9916	-0.9916	0.0000
2023-12-23T09:18:20	1	0	93	92	1	0.9417	0.9415	-0.0002	0.991	0.9909	0.0001
2023-12-23T09:20:21	1	0	12	11	1	1.0449	1.0438	-0.0012	0.9912	0.9911	0.0001
2023-12-23T09:21:50	1	0	1	1	0	0.9367	0.9373	0.0006	-1	-0.9999	-0.0001
2023-12-23T09:24:23	1	0	1	1	0	0.9443	0.9450	0.0007	0.9979	0.9979	0.0000
2023-12-23T09:30:43	1	0	84	81	3	0.9403	0.9405	0.0002	0.9941	0.9941	0.0000
2023-12-23T09:31:03	1	0	2	2	0	1.0094	1.0092	-0.0002	-0.9992	-0.9992	0.0000
2023-12-23T09:35:27	8	0	4	4	0	1.0280	1.0284	0.0004	0.9994	0.9995	-0.0001
2023-12-23T09:39:24	2	0	1	1	0	1.0354	1.0346	-0.0008	0.9991	0.9991	0.0000
2023-12-23T09:42:40	2	0	174	169	5	0.9381	0.9384	0.0003	0.9955	0.9956	-0.0001
2023-12-23T09:46:24	1	0	2	2	0	0.9869	0.9872	0.0003	-0.98	-0.9793	-0.0007
2023-12-23T09:48:37	1	0	2	2	0	1.0480	1.0477	-0.0003	-0.9911	-0.9912	0.0001
2023-12-23T09:51:49	20	0	12	9	3	0.9564	0.9556	-0.0008	0.9932	0.9935	-0.0003
2023-12-23T09:54:53	3	0	75	75	0	0.9284	0.9284	0.0000	0.9963	0.9962	0.0001
2023-12-23T09:56:10	1	0	5	5	0	1.0282	1.0282	-0.0001	0.9872	0.9872	0.0000
2023-12-23T09:59:06	1	0	57	57	0	0.9346	0.9347	0.0001	-0.9765	-0.9755	-0.0010
2023-12-23T09:59:28	4	0	12	10	2	1.0491	1.0488	-0.0003	0.9967	0.9967	0.0000
2023-12-23T10:01:07	5	0	4	5	-1	1.0188	1.0224	0.0037	-0.996	-0.9961	0.0001
2023-12-23T10:01:41	4	0	1	1	0	1.0450	1.0441	-0.0009	-0.9938	-0.9866	-0.0072
2023-12-23T10:02:09	2	0	5	5	0	1.0314	1.0312	-0.0002	0.9999	0.9999	0.0000
2023-12-23T10:03:55	1	0	2	2	0	0.9969	0.9967	-0.0002	-0.9906	-0.9906	0.0000
2023-12-23T10:04:02	1	0	1	1	0	1.0460	1.0456	-0.0004	-0.9995	-0.9995	0.0000
2023-12-23T10:04:53	1	0	5	3	2	1.0502	1.0458	-0.0044	-0.9979	-0.9982	0.0003
2023-12-23T10:05:24	2	0	11	11	0	1.0328	1.0326	-0.0002	0.9899	0.9899	0.0000
2023-12-23T10:05:29	4	0	7	7	0	1.0357	1.0358	0.0001	0.9994	0.9994	0.0000
2023-12-23T10:07:51	2	0	1	1	0	0.9615	0.9631	0.0016	0.9856	0.9856	0.0000
2023-12-23T10:08:11	4	0	5	5	0	1.0265	1.0262	-0.0004	-0.9993	-0.9993	0.0000
2023-12-23T10:08:26	4	0	15	7	8	0.9430	0.9426	-0.0005	0.989	0.9893	-0.0003
2023-12-23T10:09:22	1	0	1	1	0	0.9837	0.9840	0.0003	0.9811	0.9811	0.0000
2023-12-23T10:10:43	2	0	1	1	0	0.9999	0.9985	-0.0014	-0.9954	-0.9955	0.0001
2023-12-23T10:10:57	1	0	3	3	0	0.9920	0.9922	0.0001	0.9941	0.9941	0.0000
2023-12-23T10:12:48	1	0	198	198	0	1.0587	1.0586	-0.0001	0.9985	0.9985	0.0000
2023-12-23T10:13:03	5	0	2	2	0	1.0396	1.0408	0.0012	-0.9991	-0.999	-0.0001
2023-12-23T10:13:46	2	0	5	5	0	0.9783	0.9783	0.0000	0.996	0.996	0.0000
2023-12-23T10:14:06	2	0	27	27	0	0.9451	0.9454	0.0003	-0.9747	-0.974	-0.0007
2023-12-23T10:14:29	4	0	15	15	0	1.0503	1.0501	-0.0002	0.9975	0.9976	-0.0001
2023-12-23T10:15:20	2	0	97	96	1	1.1434	1.1471	0.0037	0.9788	0.9788	0.0000
2023-12-23T10:15:49	1	0	42	26	16	1.0591	1.0581	-0.0010	0.9681	0.9998	-0.0317
2023-12-23T10:16:08	2	0	5	5	0	1.0230	1.0228	-0.0002	-0.9966	-0.9966	0.0000
2023-12-23T10:16:56	1	0	2	2	0	1.0387	1.0382	-0.0006	-0.9997	-0.9998	0.0001
2023-12-23T10:17:17	6	0	2	1	1	1.0330	1.0310	-0.0020	0.9988	0.9987	0.0001
2023-12-23T10:17:23	1	0	29	26	3	0.9428	0.9470	0.0043	0.9892	0.9892	0.0000
2023-12-23T10:18:37	1	0	15	14	1	1.0424	1.0414	-0.0010	0.991	0.991	0.0000
2023-12-23T10:20:30	4	0	7	5	2	1.0362	1.0319	-0.0043	0.9995	0.9995	0.0000
2023-12-23T10:26:46	1	0	7	7	0	1.0479	1.0478	-0.0002	-0.9931	-0.9945	0.0014
2023-12-23T10:28:12	2	0	52	51	1	1.0536	1.0535	-0.0001	0.9999	0.9999	0.0000
2023-12-23T10:28:25	1	0	1	1	0	1.0034	1.0027	-0.0007	-0.9881	-0.9879	-0.0002
2023-12-23T10:30:31	2	0	1	1	0	1.0268	1.0263	-0.0005	-0.9975	-0.9976	0.0001
2023-12-23T10:32:24	1	0	49	48	1	0.9454	0.9419	-0.0035	0.9809	0.9809	0.0000
2023-12-23T10:32:31	1	0	12	11	1	0.9462	0.9468	0.0006	0.9873	0.9874	-0.0001
2023-12-23T10:33:38	2	0	22	21	1	1.0443	1.0437	-0.0006	0.9904	0.9903	0.0001
2023-12-23T10:33:51	1	0	1	1	0	1.0340	1.0337	-0.0003	0.9907	0.9906	0.0001
2023-12-23T10:34:04	3	0	1	1	0	1.0481	1.0475	-0.0006	-0.9991	-0.9991	0.0000
2023-12-23T10:35:11	4	0	24	13	11	0.9420	0.9419	-0.0001	-0.9976	-0.9972	-0.0004
2023-12-23T10:35:29	1	0	108	107	1	0.9388	0.9388	0.0000	0.9953	0.9954	-0.0001
2023-12-23T10:35:31	3	0	8	8	0	1.0355	1.0355	0.0000	0.9994	0.9994	0.0000
2023-12-23T10:40:25	1	0	10	10	0	1.0504	1.0503	-0.0001	-0.9993	-0.9993	0.0000
2023-12-23T10:42:44	1	0	80	80	0	1.1510	1.1491	-0.0019	0.998	0.9979	0.0001
2023-12-23T10:42:50	1	0	205	203	2	1.0594	1.0593	0.0000	0.9985	0.9964	0.0021
2023-12-23T10:43:45	1	0	1	1	0	1.0335	1.0332	-0.0003	0.9939	0.9938	0.0001
2023-12-23T10:44:31	1	0	22	22	0	1.0511	1.0511	0.0000	0.9973	0.9973	0.0000
2023-12-23T10:45:22	1	0	97	97	0	1.1435	1.1432	-0.0003	0.9791	0.979	0.0001
2023-12-23T10:45:40	1	0	1	1	0	1.0453	1.0450	-0.0003	-0.9999	-0.9999	0.0000
2023-12-23T10:46:28	1	0	3	3	0	1.0127	1.0123	-0.0004	-0.9746	-0.9741	-0.0005
2023-12-23T10:46:41	2	0	71	71	0	0.9362	0.9362	0.0000	-0.9998	-0.9998	0.0000
2023-12-23T10:47:12	1	0	10	10	0	1.0365	1.0365	0.0000	-1	-1	0.0000
2023-12-23T10:47:25	2	0	52	52	0	0.9406	0.9408	0.0002	0.986	0.9859	0.0001
2023-12-23T10:48:39	3	0	18	17	1	1.0469	1.0463	-0.0005	0.9905	0.9901	0.0004
2023-12-23T10:49:56	1	0	6	6	0	1.0519	1.0518	-0.0001	-0.9979	-0.998	0.0001
2023-12-23T10:50:07	2	0	13	12	1	1.0513	1.0509	-0.0004	0.995	0.9948	0.0002
2023-12-23T10:50:43	2	0	7	8	-1	1.0257	1.0292	0.0035	0.9993	0.9993	0.0000
2023-12-23T10:50:49	1	0	18	17	1	0.9420	0.9424	0.0004	0.9972	0.9974	-0.0002
2023-12-23T10:51:18	2	0	6	6	0	1.0320	1.0319	-0.0001	0.9995	0.9995	0.0000
2023-12-23T10:54:07	1	0	1	1	0	0.9714	0.9721	0.0007	-1	-1	0.0000
2023-12-23T10:56:14	1	0	3	3	0	1.0398	1.0396	-0.0002	0.9856	0.9844	0.0012
2023-12-23T10:56:50	1	0	1	1	0	1.0306	1.0302	-0.0004	0.9849	0.9849	0.0000
2023-12-23T10:57:45	1	0	80	80	0	1.1532	1.1532	0.0000	0.9985	0.9984	0.0001
2023-12-23T10:57:48	1	0	26	25	1	1.0475	1.0472	-0.0003	-0.9953	-0.9953	0.0000
2023-12-23T10:58:42	2	0	17	17	0	1.0466	1.0464	-0.0002	-0.9717	-0.9721	0.0004
2023-12-23T11:00:59	1	0	12	12	0	1.0536	1.0535	-0.0001	-0.9856	-0.9857	0.0001
2023-12-23T11:01:48	4	0	2	0	2	1.0457	null	null	-0.9849	-0.9851	0.0002
2023-12-23T11:02:20	1	0	3	3	0	1.0333	1.0330	-0.0003	0.9989	0.9989	0.0000

2023-12-23T11:03:40	1	0	25	24	1	1.0441	1.0441	-0.0001	0.9897	0.9896	0.0001
2023-12-23T11:03:59	2	0	2	2	0	0.9956	0.9952	-0.0004	-0.9898	-0.9899	0.0001
2023-12-23T11:04:10	5	0	6	5	1	1.0343	1.0354	0.0010	-0.9987	-0.9988	0.0001
2023-12-23T11:05:58	2	0	3	3	0	1.0572	1.0567	-0.0005	-0.9989	-0.999	0.0001
2023-12-23T11:06:43	3	0	1	1	0	1.0318	1.0313	-0.0005	0.9774	0.9764	0.0010
2023-12-23T11:06:50	1	0	1	0	1	1.0385	null	null	-0.9931	-0.9931	0.0000
2023-12-23T11:09:58	2	0	68	67	1	0.9265	0.9236	-0.0029	0.9963	0.9964	-0.0001
2023-12-23T11:10:48	6	0	45	44	1	0.9364	0.9374	0.0010	-0.9991	-0.9988	-0.0003
2023-12-23T11:11:15	3	0	8	8	0	1.0399	1.0397	-0.0002	0.9868	0.9866	0.0002
2023-12-23T11:12:46	2	0	103	103	0	0.9416	0.9416	0.0000	0.9956	0.9958	-0.0002
2023-12-23T11:14:33	1	0	15	15	0	1.0521	1.0521	0.0000	0.9976	0.9976	0.0000
2023-12-23T11:16:33	1	0	2	2	0	1.0373	1.0367	-0.0006	0.9974	0.9973	0.0001
2023-12-23T11:18:03	3	0	29	28	1	1.0519	1.0517	-0.0002	0.9851	0.985	0.0001
2023-12-23T11:18:54	1	0	2	2	0	1.0353	1.0350	-0.0003	0.9904	0.9903	0.0001
2023-12-23T11:18:57	2	0	4	3	1	1.0424	1.0375	-0.0049	0.9721	0.9721	0.0000
2023-12-23T11:19:04	1	0	2	2	0	1.0362	1.0361	-0.0001	-0.9919	-0.9919	0.0000
2023-12-23T11:22:50	1	0	1	0	1	1.0550	null	null	0.9968	0.9968	0.0000
2023-12-23T11:28:10	5	0	1	1	0	1.1024	1.1024	0.0000	-1	-1	0.0000
2023-12-23T11:28:16	1	0	76	73	3	1.0554	1.0553	0.0000	0.9998	0.9998	0.0000
2023-12-23T11:29:27	2	0	11	11	0	1.0491	1.0491	0.0000	-0.9843	-0.9844	0.0001
2023-12-23T11:29:57	1	0	4	4	0	0.9437	0.9437	0.0000	0.9839	0.9839	0.0000
2023-12-23T11:30:25	2	0	97	96	1	1.0802	1.0810	0.0007	0.9775	0.9775	0.0000
2023-12-23T11:30:35	2	0	1	1	0	1.0400	1.0400	0.0000	-0.9992	-0.9992	0.0000
2023-12-23T11:32:35	1	0	1	1	0	1.0587	1.0577	-0.0010	0.9902	0.9901	0.0001
2023-12-23T11:34:54	4	0	1	0	1	1.0452	null	null	0.9988	0.9987	0.0001
2023-12-23T11:34:59	1	0	7	7	0	1.0480	1.0479	-0.0001	0.9987	0.9986	0.0001
2023-12-23T11:35:30	2	0	8	10	-2	1.0368	1.0297	-0.0071	0.9863	0.9863	0.0000
2023-12-23T11:35:52	1	0	4	5	-1	0.9439	0.9441	0.0002	0.9963	0.9965	-0.0002
2023-12-23T11:36:21	1	0	4	4	0	1.0337	1.0336	-0.0002	1	0.9999	0.0001
2023-12-23T11:38:24	1	0	11	10	1	1.0504	1.0498	-0.0006	-0.999	-0.999	0.0000
2023-12-23T11:43:57	1	0	1	1	0	1.0367	1.0355	-0.0012	0.9984	0.9984	0.0000
2023-12-23T11:44:29	1	0	19	19	0	1.0498	1.0498	0.0000	-0.9835	-0.9835	0.0000
2023-12-23T11:45:52	3	0	1	1	0	1.0366	1.0366	0.0000	-1	1	0.0000
2023-12-23T11:45:55	8	0	9	9	0	1.0420	1.0415	-0.0005	0.9567	0.9583	-0.0016
2023-12-23T11:46:39	2	0	2	2	0	1.0180	1.0174	-0.0006	0.9941	0.9941	0.0000
2023-12-23T11:46:45	2	0	10	10	0	1.0478	1.0478	0.0000	-0.9919	-0.9919	0.0000
2023-12-23T11:49:13	8	0	2	2	0	1.0353	1.0353	0.0000	-0.9983	-0.9983	0.0000
2023-12-23T11:50:26	1	0	4	4	0	1.0459	1.0457	-0.0002	-0.9997	-0.9997	0.0000
2023-12-23T11:56:18	3	0	9	9	0	1.0404	1.0399	-0.0006	0.9889	0.989	-0.0001
2023-12-23T11:58:08	1	0	19	17	2	1.0520	1.0516	-0.0004	0.9996	0.9996	0.0000
2023-12-23T12:01:40	3	0	2	2	0	1.0228	1.0225	-0.0003	0.9944	0.9944	0.0000
2023-12-23T12:04:14	6	0	2	2	0	1.0343	1.0343	0.0000	-0.9982	-0.9982	0.0000
2023-12-23T12:05:41	1	0	33	32	1	1.0499	1.0499	0.0000	-0.9933	-0.9933	0.0000
2023-12-23T12:08:08	5	0	6	5	1	1.0568	1.0562	-0.0007	-0.986	-0.9861	0.0001
2023-12-23T12:15:38	2	0	5	5	0	1.0469	1.0469	-0.0001	-0.9965	-0.9965	0.0000
2023-12-23T12:20:28	2	0	6	6	0	1.0407	1.0407	-0.0001	-0.9992	-0.9992	0.0000
2023-12-23T12:20:55	1	0	3	3	0	0.9490	0.9490	0.0000	0.9972	0.9974	-0.0002
2023-12-23T12:26:20	2	0	10	10	0	1.0419	1.0418	0.0000	0.989	0.9891	-0.0001
2023-12-23T12:29:32	1	0	20	20	0	1.0496	1.0496	0.0000	-0.9827	-0.9826	-0.0001
2023-12-23T12:29:45	1	0	21	20	1	1.0461	1.0456	-0.0005	-0.9927	-0.9927	0.0000
2023-12-23T12:30:24	1	0	19	18	1	1.0464	1.0459	-0.0005	0.9992	0.9992	0.0000
2023-12-23T12:30:58	7	0	2	2	0	1.0187	1.0171	-0.0016	0.9158	0.9146	0.0012
2023-12-23T12:37:11	2	0	3	3	0	0.9553	0.9551	-0.0002	-0.9913	-0.9914	0.0001
2023-12-23T12:45:56	3	0	2	2	0	1.0301	1.0301	0.0000	1	1	0.0000
2023-12-23T12:50:04	1	0	1	1	0	1.0139	1.0139	0.0000	0.9383	0.9388	-0.0005
2023-12-23T12:52:45	1	0	14	14	0	1.0446	1.0446	0.0000	0.983	0.983	0.0000
2023-12-23T12:58:16	5	0	6	6	0	1.0641	1.0638	-0.0002	-0.9998	-0.9998	0.0000
2023-12-23T13:00:57	1	0	1	1	0	0.9779	0.9784	0.0005	1	1	0.0000
2023-12-23T13:04:18	7	0	3	4	-1	1.0340	1.0328	-0.0012	-0.9981	-0.998	-0.0001
2023-12-23T13:05:58	1	0	7	7	0	0.9467	0.9467	0.0000	0.9971	0.9973	-0.0002
2023-12-23T13:15:31	3	0	2	2	0	1.0060	1.0055	-0.0005	0.9772	0.977	0.0002
2023-12-23T13:15:58	1	0	1	1	0	1.0385	1.0384	-0.0001	-1	1	0.0000
2023-12-23T13:21:28	1	0	4	4	0	1.0331	1.0328	-0.0002	0.9999	0.9999	0.0000
2023-12-23T13:21:34	1	0	1	1	0	1.0308	1.0308	0.0000	0.9896	0.9896	0.0000
2023-12-23T13:59:51	1	0	24	23	1	1.0464	1.0460	-0.0004	-0.9916	-0.9916	0.0000
2023-12-23T14:01:05	6	0	28	25	3	1.0533	1.0527	-0.0006	0.9596	0.9598	-0.0002
2023-12-23T14:03:52	4	0	144	143	1	0.9245	0.9252	0.0007	0.9726	0.9735	-0.0009
2023-12-23T14:04:12	2	0	3	3	0	1.0023	1.0023	0.0000	-0.9899	-0.9899	0.0000
2023-12-23T14:05:10	1	0	14	14	0	1.0516	1.0516	-0.0001	-0.9968	-0.997	0.0002
2023-12-23T14:05:17	2	0	2	2	0	1.0292	1.0289	-0.0004	0.9974	0.9974	0.0000
2023-12-23T14:06:57	2	0	18	17	1	1.0524	1.0532	0.0008	-0.9909	-0.9909	0.0000
2023-12-23T14:10:51	1	0	11	11	0	1.0387	1.0387	-0.0001	0.9934	0.9925	0.0009
2023-12-23T14:11:00	6	0	4	3	1	1.0110	1.0088	-0.0022	-0.9968	-0.9975	0.0007
2023-12-23T14:13:55	2	0	5	5	0	1.0586	1.0586	0.0000	-0.9794	-0.9794	0.0000
2023-12-23T14:16:13	1	0	9	9	0	1.0592	1.0592	0.0000	-0.9834	-0.9834	0.0000
2023-12-23T14:16:24	5	0	4	5	-1	1.0241	1.0193	-0.0047	-1	-1	0.0000
2023-12-23T14:16:55	1	0	12	12	0	1.0480	1.0480	0.0000	-0.9873	-0.9873	0.0000
2023-12-23T14:17:33	8	0	1	0	1	1.0573	null	null	0.9992	0.9992	0.0000
2023-12-23T14:19:04	3	0	152	21	131	0.9289	0.9314	0.0025	0.9685	0.9769	-0.0084
2023-12-23T14:19:13	1	0	3	3	0	1.0040	1.0039	-0.0001	-0.9887	-0.9888	0.0001
2023-12-23T14:19:23	3	0	4	4	0	1.0473	1.0469	-0.0004	-0.9967	-0.9967	0.0000
2023-12-23T14:20:11	1	0	13	13	0	1.0511	1.0511	0.0000	-0.9963	-0.9963	0.0000
2023-12-23T14:20:36	1	0	4	4	0	1.0437	1.0436	-0.0001	-0.9986	-0.9986	0.0000
2023-12-23T14:21:58	2	0	24	21	3	1.0524	1.0519	-0.0005	-0.9923	-0.9923	0.0000
2023-12-23T14:26:01	6	0	2	3	-1	1.0156	1.0115	-0.0041	-0.9975	-0.9973	-0.0002

2023-12-23T14:26:28	1	0	9	9	0	1.0385	1.0384	-0.0001	0.9909	0.9909	0.0000
2023-12-23T14:29:08	1	0	1	1	0	1.0356	1.0353	-0.0003	0.9988	0.9988	0.0000
2023-12-23T14:31:07	5	0	3	3	0	1.0155	1.0149	-0.0006	0.9165	0.9373	-0.0208
2023-12-23T14:31:25	5	0	6	6	0	1.0233	1.0232	-0.0001	1	1	0.0000
2023-12-23T14:33:41	3	0	8	6	2	0.9774	0.9884	0.0110	0.9912	0.9912	0.0000
2023-12-23T14:34:06	3	0	142	142	0	0.9264	0.9266	0.0002	0.9822	0.9823	-0.0001
2023-12-23T14:35:12	1	0	12	12	0	1.0511	1.0511	0.0000	-0.9971	-0.9972	0.0001
2023-12-23T14:35:42	3	0	17	13	4	1.0498	1.0510	0.0013	0.993	0.9928	0.0002
2023-12-23T14:35:51	1	0	41	40	1	1.0517	1.0517	0.0000	-0.9894	-0.9894	0.0000
2023-12-23T14:37:54	1	0	19	18	1	1.0480	1.0489	0.0009	-0.9987	-0.9987	0.0000
2023-12-23T14:40:53	1	0	11	11	0	1.0387	1.0387	0.0000	0.9915	0.9924	-0.0009
2023-12-23T14:41:02	4	0	5	5	0	1.0019	1.0014	-0.0005	-0.9981	-0.9985	0.0004
2023-12-23T14:41:29	1	0	9	9	0	1.0384	1.0384	0.0000	0.9896	0.9896	0.0000
2023-12-23T14:41:36	2	0	6	6	0	1.0356	1.0356	-0.0001	0.9959	0.9958	0.0001
2023-12-23T14:44:09	1	0	1	1	0	1.0357	1.0356	-0.0001	0.9988	0.9988	0.0000
2023-12-23T14:44:47	1	0	8	8	0	1.0499	1.0497	-0.0002	0.9985	0.9981	0.0004
2023-12-23T14:45:38	1	0	107	107	0	1.1246	1.1246	0.0000	0.9832	0.9832	0.0000
2023-12-23T14:46:08	3	0	9	9	0	1.0419	1.0412	-0.0007	0.9586	0.9603	-0.0017
2023-12-23T14:47:13	1	0	72	72	0	0.9229	0.9233	0.0004	0.9991	0.9992	-0.0001
2023-12-23T14:49:03	1	0	3	3	0	1.0505	1.0504	-0.0001	-1	-1	0.0000
2023-12-23T14:49:15	1	0	1	1	0	1.0172	1.0167	-0.0005	-0.986	-0.986	0.0000
2023-12-23T14:49:25	1	0	4	4	0	1.0414	1.0412	-0.0001	-0.9961	-0.9961	0.0000
2023-12-23T14:52:55	1	0	18	18	0	1.0492	1.0492	0.0000	-0.9992	-0.9992	0.0000
2023-12-23T14:59:48	1	0	9	9	0	1.0498	1.0498	0.0000	0.9981	0.9982	-0.0001
2023-12-23T15:00:39	1	0	158	158	0	0.8753	0.8763	0.0010	0.9551	0.9553	-0.0002
2023-12-23T15:01:05	1	0	1	1	0	0.9837	0.9841	0.0004	-1	-1	0.0000
2023-12-23T15:02:14	4	0	298	300	-2	0.8878	0.8976	0.0098	0.9962	0.9962	0.0000
2023-12-23T15:04:16	1	0	2	2	0	1.0190	1.0187	-0.0003	-0.983	-0.9831	0.0001
2023-12-23T15:05:39	1	0	4	4	0	1.0442	1.0441	0.0000	-0.9983	-0.9983	0.0000
2023-12-23T15:07:01	2	0	13	13	0	1.0479	1.0479	0.0000	-0.9943	-0.9943	0.0000
2023-12-23T15:15:40	1	0	98	97	1	1.1445	1.1473	0.0028	0.9836	0.9835	0.0001
2023-12-23T15:16:10	2	0	3	3	0	1.0097	1.0093	-0.0005	0.9389	0.915	0.0239
2023-12-23T15:17:15	1	0	224	223	1	0.9149	0.9152	0.0003	-0.9996	-0.9996	0.0000
2023-12-23T15:18:44	1	0	3	3	0	0.9902	0.9902	0.0000	0.9918	0.9917	0.0001
2023-12-23T15:19:17	1	0	2	2	0	1.0173	1.0170	-0.0003	-0.9844	-0.9844	0.0000
2023-12-23T15:26:07	1	0	50	46	4	0.9400	0.9399	-0.0001	-0.999	-0.9987	-0.0003
2023-12-23T15:32:16	2	0	192	182	10	0.9257	0.9263	0.0006	-0.9998	-0.9998	0.0000
2023-12-23T15:34:18	1	0	2	2	0	1.0180	1.0178	-0.0003	-0.9867	-0.9867	0.0000
2023-12-23T15:37:15	1	0	10	10	0	0.9460	0.9460	0.0000	0.9919	0.9919	0.0000
2023-12-23T15:37:23	2	0	6	6	0	0.9486	0.9494	0.0008	-0.9915	-0.9913	-0.0002
2023-12-23T15:40:45	1	0	92	90	2	1.0582	1.0581	-0.0001	-0.9973	-0.9973	0.0000
2023-12-23T15:41:08	1	0	9	10	-1	0.9440	0.9508	0.0068	-0.9977	-0.9974	-0.0003
2023-12-23T15:47:18	1	0	2	2	0	1.0376	1.0373	-0.0002	-0.9998	-0.9998	0.0000
2023-12-23T15:52:16	1	0	11	11	0	0.9446	0.9446	0.0000	0.9914	0.9915	-0.0001
2023-12-23T16:02:40	3	0	3	3	0	1.0323	1.0321	-0.0002	0.9994	0.9994	0.0000
2023-12-23T16:07:17	13	0	6	6	0	0.9887	0.9896	0.0009	0.9956	0.9954	0.0002
2023-12-23T16:15:43	3	0	1	1	0	1.0049	1.0039	-0.0010	0.9792	0.979	0.0002
2023-12-23T16:30:45	2	0	22	19	3	0.9626	0.9648	0.0022	0.9582	0.9584	-0.0002
2023-12-23T16:35:55	1	0	2	2	0	0.9704	0.9707	0.0003	-1	1	0.0000
2023-12-23T16:55:21	2	0	74	71	3	0.9053	0.9058	0.0005	0.9989	0.9992	-0.0003
2023-12-23T17:48:41	2	0	1	1	0	1.0388	1.0388	0.0000	0.9948	0.9948	0.0000
2023-12-23T18:36:03	13	0	7	7	0	1.0458	1.0458	0.0000	-1	-1	0.0000
2023-12-23T18:36:15	1	0	21	21	0	1.0395	1.0395	0.0000	0.9996	0.9996	0.0000
2023-12-23T18:36:49	1	0	1	1	0	1.0324	1.0322	-0.0002	1	0.9999	0.0001
2023-12-23T18:37:27	11	0	1	1	0	1.0166	1.0166	0.0000	0.995	0.9949	0.0001
2023-12-24T08:06:38	2	0	9	9	0	0.9510	0.9511	0.0002	0.9911	0.991	0.0001
2023-12-24T08:12:30	2	0	49	48	1	0.9439	0.9441	0.0002	0.9972	0.9972	0.0000
2023-12-24T08:20:16	3	0	67	66	1	0.9449	0.9450	0.0002	0.9963	0.9965	-0.0002
2023-12-24T08:27:37	2	0	402	401	1	1.0611	1.0611	0.0000	1	1	0.0000
2023-12-24T08:29:19	1	0	16	16	0	1.0495	1.0495	0.0000	-0.9983	-0.9982	-0.0001
2023-12-24T08:32:13	2	0	783	783	0	1.0715	1.0715	0.0000	-0.9958	-0.9957	-0.0001
2023-12-24T08:47:14	1	0	791	791	0	1.0724	1.0724	0.0000	-0.9951	-0.995	-0.0001
2023-12-24T08:55:14	1	0	52	50	2	1.0550	1.0550	0.0000	-0.9957	-0.9957	0.0000
2023-12-24T09:02:15	2	0	794	794	0	1.0718	1.0717	0.0000	-0.996	-0.9959	-0.0001
2023-12-24T09:03:29	1	0	10	10	0	1.0404	1.0403	-0.0001	0.9933	0.9934	-0.0001
2023-12-24T09:03:52	5	0	1	1	0	1.0365	1.0365	0.0000	-0.9895	-0.9895	0.0000
2023-12-24T09:04:24	1	0	6	6	0	1.0381	1.0379	-0.0001	0.9896	0.9896	0.0000
2023-12-24T09:05:19	3	0	108	101	7	0.9408	0.9411	0.0004	0.9955	0.9957	-0.0002
2023-12-24T09:10:15	2	0	131	127	4	1.0583	1.0582	-0.0001	-0.9942	-0.9942	0.0000
2023-12-24T09:12:34	1	0	38	36	2	0.9450	0.9450	0.0001	0.9965	0.9966	-0.0001
2023-12-24T09:12:40	3	0	348	344	4	1.0608	1.0607	-0.0001	0.9996	0.9996	0.0000
2023-12-24T09:13:58	2	0	24	20	4	0.9453	0.9460	0.0007	-0.9694	-0.9684	-0.0010
2023-12-24T09:15:38	2	0	7	7	0	0.9517	0.9522	0.0005	0.9968	0.9969	-0.0001
2023-12-24T09:18:16	1	0	7	7	0	0.9555	0.9558	0.0003	0.992	0.9919	0.0001
2023-12-24T09:21:54	2	0	5	5	0	0.9290	0.9294	0.0004	-0.9959	-0.9958	-0.0001
2023-12-24T09:28:40	1	0	1	1	0	1.0339	1.0332	-0.0007	0.9993	0.9993	0.0000
2023-12-24T09:35:23	8	0	1	1	0	0.9726	0.9742	0.0016	0.9999	1	-0.0001
2023-12-24T09:37:45	1	0	1	1	0	0.9608	0.9617	0.0009	0.9775	0.9775	0.0000
2023-12-24T09:39:21	2	0	3	3	0	1.0461	1.0456	-0.0005	0.9971	0.9969	0.0002
2023-12-24T09:42:36	2	0	67	63	4	0.9430	0.9432	0.0002	0.9961	0.9963	-0.0002
2023-12-24T09:45:43	8	0	29	25	4	1.0555	1.0554	-0.0001	0.9911	0.9906	0.0005
2023-12-24T09:46:00	1	0	2	2	0	1.0162	1.0160	-0.0002	-0.9988	-0.9988	0.0000
2023-12-24T09:47:01	2	0	6	6	0	1.0211	1.0209	-0.0002	-0.9998	-0.9998	0.0000
2023-12-24T09:47:20	2	0	3	3	0	0.9659	0.9656	-0.0002	0.9897	0.9897	0.0000
2023-12-24T09:48:31	1	0	18	18	0	1.0486	1.0485	-0.0001	-0.9811	-0.981	-0.0001

2023-12-24T09:50:04	2	0	1	1	0	0.9434	0.9440	0.0006	-0.9922	-0.9918	-0.0004
2023-12-24T09:50:20	2	0	7	7	0	1.0480	1.0473	-0.0007	0.9892	0.989	0.0002
2023-12-24T09:50:24	1	0	2	2	0	0.9753	0.9754	0.0001	1	1	0.0000
2023-12-24T09:51:45	2	0	2	2	0	1.0316	1.0311	-0.0004	0.9953	0.9952	0.0001
2023-12-24T09:54:50	3	0	95	96	-1	0.9082	0.9083	0.0001	0.9945	0.9953	-0.0008
2023-12-24T09:56:14	1	0	8	8	0	1.0354	1.0354	-0.0001	0.9873	0.9873	0.0000
2023-12-24T09:57:43	2	0	386	381	5	1.0613	1.0612	-0.0001	0.9997	0.9996	0.0001
2023-12-24T09:59:02	1	0	17	17	0	0.9483	0.9483	0.0000	-0.9779	-0.9772	-0.0007
2023-12-24T10:01:18	1	0	1	1	0	0.9897	0.9900	0.0003	-0.9695	-0.9687	-0.0008
2023-12-24T10:02:12	4	0	3	3	0	1.0369	1.0355	-0.0014	1	1	0.0000
2023-12-24T10:03:15	1	0	261	260	1	1.0623	1.0623	0.0000	-0.9505	-0.9505	0.0000
2023-12-24T10:05:05	1	0	2	2	0	0.9429	0.9432	0.0003	-0.9921	-0.992	-0.0001
2023-12-24T10:05:25	3	0	1	1	0	0.9623	0.9633	0.0010	0.9999	0.9999	0.0000
2023-12-24T10:06:38	2	0	7	7	0	1.0423	1.0422	-0.0001	-0.9952	-0.9953	0.0001
2023-12-24T10:06:46	1	0	1	1	0	1.0275	1.0272	-0.0003	0.9952	0.9951	0.0001
2023-12-24T10:09:16	1	0	1	1	0	0.9801	0.9805	0.0004	0.9826	0.9826	0.0000
2023-12-24T10:09:51	1	0	104	104	0	0.9120	0.9120	0.0000	0.9964	0.9963	0.0001
2023-12-24T10:10:32	1	0	3	3	0	1.0380	1.0379	-0.0001	0.9977	0.9977	0.0000
2023-12-24T10:10:39	2	0	1	1	0	0.9995	0.9981	-0.0014	-0.9999	-0.9999	0.0000
2023-12-24T10:11:15	2	0	8	8	0	1.0346	1.0345	-0.0001	0.9874	0.9873	0.0001
2023-12-24T10:11:42	2	0	9	9	0	1.0451	1.0450	0.0000	-0.9945	-0.9946	0.0001
2023-12-24T10:14:26	4	0	13	12	1	1.0487	1.0488	0.0001	1	1	0.0000
2023-12-24T10:15:16	1	0	98	97	1	1.1447	1.1482	0.0035	0.9824	0.9824	0.0000
2023-12-24T10:16:04	1	0	3	3	0	1.0211	1.0210	-0.0001	-0.9991	-0.9991	0.0000
2023-12-24T10:17:13	2	0	3	3	0	1.0383	1.0377	-0.0005	1	1	0.0000
2023-12-24T10:19:50	1	0	1	0	1	1.0560	null	null	-0.9949	-0.9949	0.0000
2023-12-24T10:25:43	3	0	57	51	6	0.9357	0.9361	0.0004	-0.991	-0.9899	-0.0011
2023-12-24T10:25:54	1	0	12	11	1	0.9546	0.9558	0.0012	0.9952	0.9952	0.0000
2023-12-24T10:28:42	2	0	4	4	0	0.9896	0.9895	-0.0001	0.9987	0.9986	0.0001
2023-12-24T10:30:17	2	0	98	97	1	1.1445	1.1480	0.0034	0.9813	0.9813	0.0000
2023-12-24T10:31:20	1	0	1	1	0	1.0241	1.0238	-0.0003	-0.966	-0.9655	-0.0005
2023-12-24T10:31:41	4	0	1	1	0	1.0422	1.0411	-0.0011	-0.9914	-0.9829	-0.0085
2023-12-24T10:32:25	1	0	12	12	0	0.9420	0.9423	0.0003	0.9891	0.9891	0.0000
2023-12-24T10:33:35	2	0	14	13	1	1.0380	1.0364	-0.0016	0.991	0.9909	0.0001
2023-12-24T10:33:48	1	0	1	1	0	1.0097	1.0094	-0.0003	0.9984	0.9983	0.0001
2023-12-24T10:33:55	1	0	1	1	0	1.0198	1.0193	-0.0005	-0.9971	-0.9971	0.0000
2023-12-24T10:34:51	1	0	3	0	3	1.0523	null	null	-0.9963	-0.9964	0.0001
2023-12-24T10:35:23	1	0	13	13	0	1.0460	1.0460	0.0000	0.9901	0.9902	-0.0001
2023-12-24T10:35:25	1	0	159	158	1	0.9385	0.9385	0.0000	0.9978	0.9979	-0.0001
2023-12-24T10:35:27	6	0	2	2	0	1.0087	1.0083	-0.0004	0.9999	0.9999	0.0000
2023-12-24T10:37:14	1	0	1	1	0	1.0353	1.0353	0.0000	-0.9951	-0.995	-0.0001
2023-12-24T10:39:53	2	0	66	66	0	0.9101	0.9102	0.0001	0.998	0.998	0.0000
2023-12-24T10:40:44	1	0	44	44	0	0.9340	0.9343	0.0003	-0.9919	-0.9916	-0.0003
2023-12-24T10:41:17	2	0	21	21	0	1.0441	1.0438	-0.0002	0.9893	0.9893	0.0000
2023-12-24T10:41:45	1	0	1	1	0	1.0305	1.0301	-0.0004	0.9862	0.9861	0.0001
2023-12-24T10:43:03	1	0	3	3	0	1.0532	1.0531	-0.0001	-0.9987	-0.9987	0.0000
2023-12-24T10:43:25	1	0	7	7	0	0.9509	0.9510	0.0001	-0.9889	-0.9888	-0.0001
2023-12-24T10:45:28	2	0	2	2	0	1.0328	1.0326	-0.0002	-0.9946	-0.9947	0.0001
2023-12-24T10:47:15	1	0	5	5	0	1.0419	1.0416	-0.0003	0.9999	0.9999	0.0000
2023-12-24T10:48:56	2	0	2	2	0	1.0133	1.0128	-0.0005	-0.998	-0.998	0.0000
2023-12-24T10:49:00	1	0	2	2	0	1.0375	1.0372	-0.0003	-0.9991	-0.9991	0.0000
2023-12-24T10:49:52	1	0	1	1	0	1.0553	1.0551	-0.0002	-0.997	-0.9971	0.0001
2023-12-24T10:50:03	2	0	36	36	0	1.0553	1.0552	-0.0001	0.9962	0.996	0.0002
2023-12-24T10:50:35	2	0	23	23	0	1.0427	1.0434	0.0007	0.9999	0.9999	0.0000
2023-12-24T10:51:14	2	0	6	6	0	1.0322	1.0321	-0.0001	0.999	0.9988	0.0002
2023-12-24T10:52:36	1	0	17	17	0	1.0489	1.0488	0.0000	-0.9984	-0.9984	0.0000
2023-12-24T10:52:50	1	0	1	1	0	0.9664	0.9669	0.0005	0.9762	0.9763	-0.0001
2023-12-24T10:55:45	2	0	59	56	3	0.9400	0.9402	0.0003	-0.9911	-0.9906	-0.0005
2023-12-24T10:58:04	1	0	2	2	0	1.0630	1.0628	-0.0002	-0.999	-0.999	0.0000
2023-12-24T11:00:19	1	0	98	97	1	1.1452	1.1485	0.0034	0.9804	0.9804	0.0000
2023-12-24T11:00:48	7	0	60	61	-1	1.0694	1.0654	-0.0039	0.9578	0.9747	-0.0169
2023-12-24T11:02:29	1	0	6	6	0	1.0501	1.0500	-0.0002	-1	-1	0.0000
2023-12-24T11:03:37	3	0	8	8	0	1.0363	1.0363	0.0000	0.9911	0.9907	0.0004
2023-12-24T11:04:06	1	0	2	2	0	1.0358	1.0355	-0.0002	-0.9923	-0.9923	0.0000
2023-12-24T11:05:29	3	0	2	2	0	1.0069	1.0067	-0.0003	1	1	0.0000
2023-12-24T11:05:54	2	0	2	2	0	1.0705	1.0701	-0.0005	-0.9857	-0.9861	0.0004
2023-12-24T11:11:45	1	0	2	2	0	1.0511	1.0506	-0.0005	-0.9844	-0.9845	0.0001
2023-12-24T11:12:11	1	0	1	1	0	1.0460	1.0454	-0.0006	0.9996	0.9996	0.0000
2023-12-24T11:12:42	2	0	64	63	1	0.9434	0.9433	0.0000	0.9961	0.9962	-0.0001
2023-12-24T11:14:07	1	0	6	6	0	0.9637	0.9641	0.0003	-0.9759	-0.9756	-0.0003
2023-12-24T11:15:20	1	0	97	96	1	1.1506	1.1545	0.0039	1	1	0.0000
2023-12-24T11:15:49	5	0	7	10	-3	1.0384	1.0447	0.0063	0.9892	0.9768	0.0124
2023-12-24T11:16:39	2	0	43	41	2	1.0169	1.0147	-0.0022	-0.9881	-0.9881	0.0000
2023-12-24T11:18:38	1	0	10	10	0	1.0317	1.0315	-0.0001	0.9921	0.992	0.0001
2023-12-24T11:18:52	2	0	1	0	1	1.0580	null	null	0.9688	0.9687	0.0001
2023-12-24T11:18:58	1	0	2	2	0	1.0157	1.0153	-0.0004	-0.9985	-0.9985	0.0000
2023-12-24T11:21:49	1	0	80	80	0	1.1469	1.1450	-0.0019	0.9993	0.9993	0.0000
2023-12-24T11:22:38	1	0	20	18	2	1.0498	1.0502	0.0004	-0.9982	-0.9982	0.0000
2023-12-24T11:24:56	1	0	64	64	0	0.9189	0.9187	-0.0002	0.9999	0.9999	0.0000
2023-12-24T11:30:31	1	0	1	1	0	1.0377	1.0377	0.0000	-0.9963	-0.9963	0.0000
2023-12-24T11:30:50	5	0	9	9	0	1.0419	1.0421	0.0001	0.9556	0.9566	-0.0010
2023-12-24T11:33:25	2	0	80	79	1	0.9508	0.9460	-0.0048	0.9924	0.9922	0.0002
2023-12-24T11:33:59	1	0	1	1	0	1.0219	1.0214	-0.0005	-0.9971	-0.9972	0.0001
2023-12-24T11:34:08	5	0	2	2	0	1.0357	1.0357	0.0000	-0.9928	-0.9928	0.0000
2023-12-24T11:34:34	1	0	7	7	0	1.0395	1.0394	0.0000	0.9888	0.9888	0.0000

2023-12-24T11:34:55	2	0	1	1	0	1.0581	1.0576	-0.0005	-0.994	-0.9943	0.0003
2023-12-24T11:35:06	1	0	44	44	0	1.0558	1.0558	0.0000	0.9962	0.9962	0.0000
2023-12-24T11:37:39	1	0	26	26	0	1.0507	1.0507	0.0000	-0.9977	-0.9977	0.0000
2023-12-24T11:39:29	1	0	4	5	-1	1.0498	1.0490	-0.0008	0.9955	0.9956	-0.0001
2023-12-24T11:40:38	1	0	2	2	0	1.0433	1.0433	0.0000	0.9977	0.9977	0.0000
2023-12-24T11:42:13	1	0	1	1	0	1.0593	1.0593	0.0000	0.9999	0.9999	0.0000
2023-12-24T11:42:44	1	0	43	43	0	0.9440	0.9440	0.0000	0.9964	0.9966	-0.0002
2023-12-24T11:45:32	1	0	7	6	1	0.9577	0.9602	0.0024	-0.9985	-0.9985	0.0000
2023-12-24T11:47:19	4	0	5	6	-1	1.0435	1.0458	0.0023	1	1	0.0000
2023-12-24T11:47:30	1	0	11	11	0	0.9544	0.9544	0.0000	0.9889	0.9889	0.0000
2023-12-24T11:49:00	1	0	1	1	0	1.0190	1.0186	-0.0004	-0.9974	-0.9974	0.0000
2023-12-24T11:49:35	1	0	5	5	0	1.0417	1.0416	0.0000	0.9855	0.9855	0.0000
2023-12-24T11:51:56	1	0	1	1	0	0.9390	0.9402	0.0012	1	-1	0.0000
2023-12-24T11:53:55	1	0	6	6	0	1.0428	1.0428	0.0000	0.9967	0.9967	0.0000
2023-12-24T12:00:33	1	0	1	1	0	1.0384	1.0384	0.0000	-0.9951	-0.9951	0.0000
2023-12-24T12:00:52	5	0	69	69	0	1.0555	1.0552	-0.0003	0.9909	0.9903	0.0006
2023-12-24T12:05:08	2	0	57	56	1	1.0565	1.0565	0.0000	0.9959	0.996	-0.0001
2023-12-24T12:07:41	1	0	19	19	0	1.0516	1.0516	0.0000	-0.9973	-0.9973	0.0000
2023-12-24T12:12:15	1	0	1	1	0	1.0619	1.0618	-0.0001	0.9997	0.9997	0.0000
2023-12-24T12:14:54	1	0	1	0	1	1.0556	null	null	-0.9994	-0.9994	0.0000
2023-12-24T12:15:53	1	0	53	51	2	1.0598	1.0598	0.0000	0.9892	0.9891	0.0001
2023-12-24T12:17:32	1	0	33	33	0	0.9504	0.9504	0.0000	0.9838	0.9838	0.0000
2023-12-24T12:19:58	1	0	1	2	-1	1.0569	1.0561	-0.0008	-0.9945	-0.9941	-0.0004
2023-12-24T12:28:06	1	0	20	20	0	1.0530	1.0529	-0.0001	-1	-1	0.0000
2023-12-24T12:38:06	5	0	5	4	1	1.0514	1.0494	-0.0020	-0.9836	-0.9837	0.0001
2023-12-24T12:44:41	1	0	16	16	0	1.0472	1.0472	0.0000	-0.9908	-0.9908	0.0000
2023-12-24T12:45:21	1	0	24	23	1	1.0480	1.0476	-0.0003	0.9996	0.9996	0.0000
2023-12-24T12:49:13	3	0	2	2	0	1.0342	1.0341	-0.0002	-0.9907	-0.9908	0.0001
2023-12-24T12:51:28	1	0	2	2	0	1.0354	1.0354	0.0000	0.9932	0.9932	0.0000
2023-12-24T12:58:15	2	0	36	35	1	1.0516	1.0515	-0.0001	0.9999	0.9998	0.0001
2023-12-24T12:59:59	1	0	1	0	1	0.9448	null	null	0.9693	0.9692	0.0001
2023-12-24T13:03:56	1	0	1	1	0	1.0415	1.0409	-0.0006	0.9974	0.9972	0.0002
2023-12-24T13:18:32	1	0	12	12	0	0.9638	0.9638	0.0000	0.992	0.9918	0.0002
2023-12-24T13:22:00	1	0	4	4	0	1.0329	1.0328	-0.0001	0.9955	0.9955	0.0000
2023-12-24T13:22:25	1	0	1	1	0	1.0312	1.0312	0.0000	-0.9976	-0.9976	0.0000
2023-12-24T13:30:01	1	0	1	0	1	0.9446	null	null	0.9704	0.9705	-0.0001
2023-12-24T13:30:42	1	0	1	1	0	1.0317	1.0317	0.0000	0.9994	0.9994	0.0000
2023-12-24T13:34:16	1	0	1	1	0	1.0412	1.0412	0.0000	-0.9879	-0.9879	0.0000
2023-12-24T13:42:54	1	0	16	15	1	1.0478	1.0473	-0.0005	-0.9956	-0.9956	0.0000
2023-12-24T13:43:18	1	0	35	34	1	1.0518	1.0516	-0.0001	1	1	0.0000
2023-12-24T13:48:07	2	0	1	0	1	1.0563	null	null	0.9819	0.9796	0.0023
2023-12-24T13:48:34	1	0	7	7	0	0.9526	0.9528	0.0002	0.9929	0.9928	0.0001
2023-12-24T13:53:24	1	0	100	99	1	1.0543	1.0543	0.0000	-0.978	-0.9778	-0.0002
2023-12-24T13:57:53	1	0	28	28	0	0.9455	0.9455	0.0000	0.9968	0.9969	-0.0001
2023-12-24T13:59:46	1	0	28	28	0	1.0466	1.0466	-0.0001	-0.9913	-0.9913	0.0000
2023-12-24T14:03:35	1	0	69	69	0	0.9526	0.9526	0.0000	0.993	0.9928	0.0002
2023-12-24T14:04:11	1	0	3	3	0	1.0037	1.0036	-0.0001	-0.9976	-0.9976	0.0000
2023-12-24T14:04:16	2	0	6	6	0	1.0484	1.0484	0.0000	-0.9984	-0.9984	0.0000
2023-12-24T14:09:59	2	0	2	1	1	1.0554	1.0551	-0.0004	-0.9965	-0.9966	0.0001
2023-12-24T14:11:55	1	0	14	14	0	1.0469	1.0469	0.0000	0.9971	0.9971	0.0000
2023-12-24T14:12:23	1	0	4	4	0	1.0499	1.0499	0.0000	1	1	0.0000
2023-12-24T14:12:54	1	0	1	1	0	0.9436	0.9436	0.0000	0.9968	0.9968	0.0000
2023-12-24T14:13:13	4	0	92	91	1	1.0559	1.0559	0.0000	-0.9997	-0.9997	0.0000
2023-12-24T14:13:20	3	0	59	57	2	1.0551	1.0550	-0.0001	1	1	0.0000
2023-12-24T14:14:47	1	0	47	46	1	1.0491	1.0489	-0.0001	-0.99	-0.99	0.0000
2023-12-24T14:15:04	1	0	2	2	0	1.0151	1.0147	-0.0004	0.9701	0.97	0.0001
2023-12-24T14:16:20	6	0	11	10	1	1.0346	1.0382	0.0036	-0.9986	-0.9987	0.0001
2023-12-24T14:16:57	4	0	1	0	1	1.0452	null	null	-0.9782	-0.9783	0.0001
2023-12-24T14:19:12	1	0	2	2	0	1.0177	1.0174	-0.0003	-0.9965	-0.9966	0.0001
2023-12-24T14:20:17	1	0	76	76	0	1.0581	1.0581	0.0000	0.997	0.9969	0.0001
2023-12-24T14:22:06	11	0	4	4	0	1.0321	1.0315	-0.0005	0.997	0.9969	0.0001
2023-12-24T14:26:59	1	0	10	10	0	1.0508	1.0508	0.0000	-0.9915	-0.9914	-0.0001
2023-12-24T14:27:55	1	0	38	38	0	0.9430	0.9430	0.0000	0.9965	0.9967	-0.0002
2023-12-24T14:28:14	1	0	32	32	0	1.0521	1.0521	0.0000	-1	-1	0.0000
2023-12-24T14:30:50	1	0	3	3	0	1.0460	1.0458	-0.0002	0.9964	0.9964	0.0000
2023-12-24T14:31:21	1	0	7	7	0	1.0365	1.0364	0.0000	-0.9987	-0.9987	0.0000
2023-12-24T14:32:08	1	0	1	1	0	1.0413	1.0405	-0.0008	1	1	0.0000
2023-12-24T14:33:50	1	0	26	26	0	1.0530	1.0530	-0.0001	-0.9955	-0.9955	0.0000
2023-12-24T14:33:51	1	0	21	20	1	1.0442	1.0435	-0.0007	0.9911	0.9911	0.0000
2023-12-24T14:34:18	7	0	6	6	0	1.0456	1.0452	-0.0004	-0.9985	-0.9986	0.0001
2023-12-24T14:35:18	1	0	71	71	0	1.0577	1.0576	-0.0001	0.9971	0.997	0.0001
2023-12-24T14:37:07	7	0	4	4	0	1.0306	1.0309	0.0003	0.9962	0.9961	0.0001
2023-12-24T14:40:37	1	0	50	49	1	1.0557	1.0558	0.0000	-0.9944	-0.9944	0.0000
2023-12-24T14:41:36	2	0	5	5	0	1.0333	1.0332	-0.0001	0.9957	0.9955	0.0002
2023-12-24T14:42:56	1	0	5	5	0	0.9537	0.9536	-0.0001	0.9968	0.997	-0.0002
2023-12-24T14:43:15	1	0	32	32	0	1.0534	1.0534	0.0000	-1	-1	0.0000
2023-12-24T14:43:19	1	0	3	3	0	1.0560	1.0559	-0.0001	-0.9983	-0.9983	0.0000
2023-12-24T14:43:57	1	0	1	1	0	1.0357	1.0354	-0.0003	0.9779	0.9778	0.0001
2023-12-24T14:45:06	2	0	23	23	0	0.9493	0.9493	0.0000	0.97	0.9699	0.0001
2023-12-24T14:45:51	1	0	4	4	0	1.0462	1.0461	0.0000	0.9961	0.9961	0.0000
2023-12-24T14:46:04	4	0	9	11	-2	1.0518	1.0449	-0.0069	0.9894	0.9888	0.0006
2023-12-24T14:46:11	1	0	7	7	0	1.0531	1.0530	-0.0001	-0.9767	-0.9769	0.0002
2023-12-24T14:47:31	2	0	5	5	0	1.0436	1.0433	-0.0003	1	1	0.0000
2023-12-24T14:50:40	2	0	15	11	4	1.0474	1.0482	0.0007	0.9908	0.9905	0.0003
2023-12-24T14:52:05	1	0	80	80	0	1.1388	1.1388	0.0000	-1	0.9998	0.0002

2023-12-24T14:55:54	2	0	1	0	1	1.0218	null	null	0.9885	0.9882	0.0003
2023-12-24T14:57:16	1	0	25	25	0	1.0465	1.0464	0.0000	-0.9863	-0.9861	-0.0002
2023-12-24T14:57:57	1	0	23	23	0	0.9463	0.9463	0.0000	0.997	0.997	0.0000
2023-12-24T15:01:23	5	0	8	8	0	1.0320	1.0319	-0.0001	-0.9992	-0.9993	0.0001
2023-12-24T15:01:54	1	0	81	79	2	1.0588	1.0588	0.0000	-0.985	-0.9851	0.0001
2023-12-24T15:02:00	3	0	2	1	1	1.0456	1.0451	-0.0005	-0.9782	-0.9783	0.0001
2023-12-24T15:07:10	11	0	3	3	0	1.0214	1.0204	-0.0010	0.996	0.9958	0.0002
2023-12-24T15:07:17	3	0	3	3	0	0.9512	0.9509	-0.0002	-0.9942	-0.9945	0.0003
2023-12-24T15:07:32	2	0	1	1	0	1.0356	1.0351	-0.0005	-0.9966	-0.9966	0.0000
2023-12-24T15:14:30	2	0	16	15	1	1.0458	1.0457	-0.0002	0.9963	0.9961	0.0002
2023-12-24T15:16:06	1	0	40	32	8	1.0542	1.0528	-0.0014	0.9858	0.9862	-0.0004
2023-12-24T15:29:05	2	0	2	1	1	1.0260	1.0259	-0.0001	0.999	0.999	0.0000
2023-12-24T15:55:58	1	0	1	1	0	1.0235	1.0232	-0.0003	0.9884	0.9882	0.0002
2023-12-24T16:07:14	13	0	4	2	2	0.9675	0.9588	-0.0086	0.9934	0.9937	-0.0003
2023-12-24T16:59:11	2	0	2	2	0	1.0230	1.0226	-0.0004	0.9989	0.9988	0.0001
2023-12-24T18:20:56	1	0	38	38	0	0.9419	0.9419	0.0000	0.9992	0.9993	-0.0001
2023-12-24T18:36:45	1	0	8	8	0	1.0364	1.0364	0.0000	1	1	0.0000
2023-12-24T18:37:24	5	0	3	3	0	1.0213	1.0213	0.0000	0.9966	0.9965	0.0001
2023-12-25T07:50:16	2	0	193	193	0	0.9360	0.9361	0.0001	0.9997	0.9998	-0.0001
2023-12-25T07:57:37	1	0	353	352	1	1.0643	1.0643	0.0000	-1	-1	0.0000
2023-12-25T08:03:26	1	0	78	78	0	1.0516	1.0516	0.0000	0.9902	0.9903	-0.0001
2023-12-25T08:05:17	1	0	70	70	0	0.9464	0.9464	0.0000	0.9994	0.9994	0.0000
2023-12-25T08:12:38	1	0	350	347	3	1.0607	1.0607	-0.0001	0.9998	0.9998	0.0000
2023-12-25T08:29:21	1	0	14	14	0	1.0491	1.0491	0.0000	0.998	0.9987	-0.0007
2023-12-25T08:32:11	2	0	801	801	0	1.0849	1.0849	0.0000	-0.9983	-0.9983	0.0000
2023-12-25T08:33:17	1	0	65	65	0	0.9582	0.9586	0.0004	0.9961	0.9963	-0.0002
2023-12-25T08:34:45	1	0	82	82	0	1.0564	1.0563	-0.0002	-0.9931	-0.9933	0.0002
2023-12-25T08:51:43	1	0	12	12	0	1.0142	1.0143	0.0001	0.9896	0.9896	0.0000
2023-12-25T08:57:41	1	0	352	348	4	1.0612	1.0612	0.0000	0.9999	0.9999	0.0000
2023-12-25T08:58:11	1	0	422	421	1	1.0629	1.0629	0.0000	0.9737	0.9747	-0.0010
2023-12-25T08:58:40	1	0	1	1	0	1.0345	1.0342	-0.0003	0.9988	0.9988	0.0000
2023-12-25T08:59:43	2	0	57	55	2	1.0562	1.0562	0.0000	0.9914	0.9914	0.0000
2023-12-25T09:03:30	1	0	42	41	1	1.0463	1.0462	-0.0001	0.99	0.99	0.0000
2023-12-25T09:04:47	1	0	83	83	0	1.0561	1.0559	-0.0002	-0.9943	-0.9944	0.0001
2023-12-25T09:06:44	3	0	14	13	1	0.9947	0.9989	0.0042	0.9898	0.9899	-0.0001
2023-12-25T09:10:39	1	0	46	49	-3	0.9413	0.9417	0.0005	-0.9985	-0.9983	-0.0002
2023-12-25T09:12:38	1	0	1	1	0	1.0010	1.0006	-0.0004	0.9982	0.9982	0.0000
2023-12-25T09:12:42	2	0	366	365	1	1.0607	1.0606	-0.0001	0.9997	0.9997	0.0000
2023-12-25T09:14:24	1	0	13	12	1	1.0494	1.0497	0.0003	0.9976	0.9975	0.0001
2023-12-25T09:16:48	1	0	3	3	0	1.0390	1.0390	0.0000	1	1	0.0000
2023-12-25T09:17:14	2	0	803	803	0	1.0842	1.0841	0.0000	-0.9986	-0.9986	0.0000
2023-12-25T09:17:53	2	0	72	71	1	1.0557	1.0557	0.0000	0.9843	0.9845	-0.0002
2023-12-25T09:20:22	3	0	12	10	2	0.9906	0.9998	0.0093	0.9992	0.9993	-0.0001
2023-12-25T09:20:25	1	0	23	22	1	1.0500	1.0500	0.0000	-0.9998	-0.9998	0.0000
2023-12-25T09:21:45	5	0	12	12	0	1.0131	1.0130	-0.0001	0.9894	0.9892	0.0002
2023-12-25T09:24:21	2	0	5	5	0	1.0473	1.0471	-0.0002	0.9929	0.9927	0.0002
2023-12-25T09:24:41	3	0	66	66	0	0.9115	0.9116	0.0001	0.9973	0.9972	0.0001
2023-12-25T09:31:01	1	0	10	10	0	1.0409	1.0409	0.0000	-1	-1	0.0000
2023-12-25T09:31:49	1	0	1	1	0	1.0390	1.0387	-0.0003	1	1	0.0000
2023-12-25T09:35:26	4	0	21	20	1	1.0525	1.0518	-0.0007	-0.9998	-0.9998	0.0000
2023-12-25T09:36:49	1	0	1	1	0	0.9440	0.9449	0.0009	-0.9994	-0.9992	-0.0002
2023-12-25T09:38:09	3	0	152	151	1	1.0584	1.0583	-0.0001	-0.9876	-0.9876	0.0000
2023-12-25T09:39:42	1	0	65	65	0	0.9251	0.9250	-0.0001	0.9986	0.9986	0.0000
2023-12-25T09:39:43	2	0	1	0	1	1.0561	null	null	-0.9968	-0.9968	0.0000
2023-12-25T09:41:13	1	0	7	7	0	1.0367	1.0366	0.0000	0.9841	0.9841	0.0000
2023-12-25T09:42:40	1	0	11	10	1	0.9495	0.9502	0.0007	0.9978	0.998	-0.0002
2023-12-25T09:44:46	3	0	60	57	3	1.0563	1.0563	0.0000	0.9916	0.9916	0.0000
2023-12-25T09:45:42	1	0	3	3	0	1.0195	1.0196	0.0001	0.9982	0.9982	0.0000
2023-12-25T09:45:51	1	0	20	19	1	1.0501	1.0498	-0.0003	-0.9823	-0.9824	0.0001
2023-12-25T09:47:07	2	0	14	14	0	1.0411	1.0411	-0.0001	0.9971	0.997	0.0001
2023-12-25T09:47:12	4	0	28	26	2	1.0460	1.0454	-0.0006	-1	-1	0.0000
2023-12-25T09:48:33	1	0	21	21	0	1.0509	1.0509	-0.0001	-0.9957	-0.9958	0.0001
2023-12-25T09:49:50	1	0	84	83	1	1.0560	1.0560	0.0000	-0.9959	-0.9961	0.0002
2023-12-25T09:50:10	2	0	11	9	2	0.9432	0.9435	0.0003	-0.9944	-0.9941	-0.0003
2023-12-25T09:50:22	3	0	14	13	1	1.0493	1.0488	-0.0006	0.9758	0.9757	0.0001
2023-12-25T09:50:27	6	0	18	17	1	1.0511	1.0509	-0.0002	-0.9998	-0.9998	0.0000
2023-12-25T09:50:51	1	0	3	3	0	1.0492	1.0491	-0.0001	-0.997	-0.997	0.0000
2023-12-25T09:51:47	17	0	12	12	0	1.0121	1.0127	0.0006	0.9899	0.9902	-0.0003
2023-12-25T09:57:45	2	0	375	372	3	1.0644	1.0641	-0.0003	1	1	0.0000
2023-12-25T09:59:27	4	0	14	11	3	1.0488	1.0487	-0.0001	0.9969	0.9968	0.0001
2023-12-25T10:00:15	3	0	1	1	0	1.0150	1.0126	-0.0024	0.9812	0.981	0.0002
2023-12-25T10:00:43	1	0	3	3	0	1.0186	1.0187	0.0001	0.9982	0.9982	0.0000
2023-12-25T10:01:42	4	0	1	0	1	1.0453	null	null	-0.9682	-0.9684	0.0002
2023-12-25T10:02:21	2	0	2	2	0	1.0221	1.0217	-0.0005	0.9848	0.9847	0.0001
2023-12-25T10:03:43	1	0	5	5	0	1.0463	1.0461	-0.0002	0.9992	0.9992	0.0000
2023-12-25T10:03:49	2	0	19	18	1	1.0396	1.0387	-0.0009	0.9454	0.9453	0.0001
2023-12-25T10:03:53	1	0	2	2	0	1.0257	1.0255	-0.0002	-0.9993	-0.9993	0.0000
2023-12-25T10:05:11	1	0	2	2	0	0.9428	0.9431	0.0003	-0.9951	-0.995	-0.0001
2023-12-25T10:05:28	3	0	16	15	1	1.0509	1.0506	-0.0003	-0.9999	-0.9999	0.0000
2023-12-25T10:09:44	1	0	66	66	0	0.9239	0.9239	-0.0001	0.9963	0.9963	0.0000
2023-12-25T10:09:45	2	0	3	3	0	1.0577	1.0572	-0.0005	-0.9965	-0.9966	0.0001
2023-12-25T10:10:43	2	0	28	26	2	0.9424	0.9420	-0.0003	-0.9985	-0.9982	-0.0003
2023-12-25T10:12:19	2	0	1	1	0	0.9784	0.9789	0.0005	-0.9872	-0.9871	-0.0001
2023-12-25T10:13:23	1	0	1	1	0	1.0030	1.0023	-0.0007	-0.9818	-0.9817	-0.0001
2023-12-25T10:14:05	1	0	2	2	0	1.0458	1.0456	-0.0002	-0.9549	-0.9543	-0.0006

2023-12-25T10:14:21	2	0	13	13	0	1.0502	1.0501	0.0000	-0.997	-0.997	0.0000
2023-12-25T10:14:48	1	0	66	63	3	1.0568	1.0568	0.0000	0.9913	0.9912	0.0001
2023-12-25T10:14:50	1	0	1	1	0	0.9435	0.9444	0.0009	0.9657	0.9658	-0.0001
2023-12-25T10:15:13	3	0	118	115	3	1.0519	1.0518	-0.0001	0.9988	0.9988	0.0000
2023-12-25T10:15:44	1	0	3	3	0	1.0201	1.0203	0.0002	0.9988	0.9988	0.0000
2023-12-25T10:15:53	1	0	23	22	1	1.0515	1.0512	-0.0003	-0.9794	-0.9795	0.0001
2023-12-25T10:16:06	1	0	11	11	0	1.0439	1.0438	-0.0001	-0.9999	-0.9999	0.0000
2023-12-25T10:16:23	1	0	1	1	0	1.0240	1.0237	-0.0003	-0.9811	-0.9808	-0.0003
2023-12-25T10:16:56	1	0	51	49	2	1.0509	1.0507	-0.0002	-0.9769	-0.9769	0.0000
2023-12-25T10:18:28	1	0	23	23	0	1.0480	1.0480	0.0000	0.9982	0.9982	0.0000
2023-12-25T10:18:44	1	0	4	4	0	1.0518	1.0518	0.0000	0.9988	0.9989	-0.0001
2023-12-25T10:18:54	1	0	2	2	0	1.0197	1.0196	-0.0002	-0.9995	-0.9995	0.0000
2023-12-25T10:20:04	1	0	77	76	1	1.0583	1.0583	0.0000	0.9974	0.9974	0.0000
2023-12-25T10:23:10	1	0	12	12	0	1.0353	1.0353	0.0000	0.9999	0.9999	0.0000
2023-12-25T10:23:12	1	0	157	156	1	1.0587	1.0587	0.0000	-0.9848	-0.9848	0.0000
2023-12-25T10:26:16	2	0	19	19	0	1.0444	1.0444	0.0000	0.9845	0.9844	0.0001
2023-12-25T10:29:38	1	0	1	1	0	1.0366	1.0362	-0.0004	0.9892	0.9891	0.0001
2023-12-25T10:29:49	3	0	142	141	1	1.0588	1.0587	-0.0001	0.9923	0.9922	0.0001
2023-12-25T10:31:16	3	0	19	17	2	1.0475	1.0471	-0.0004	-0.9964	-0.9966	0.0002
2023-12-25T10:31:53	1	0	1	0	1	1.0385	null	null	1	1	0.0000
2023-12-25T10:32:17	6	0	12	12	0	1.0482	1.0464	-0.0018	-0.9984	-0.9985	0.0001
2023-12-25T10:32:17	3	0	6	6	0	1.0433	1.0431	-0.0002	0.9995	0.9995	0.0000
2023-12-25T10:32:23	1	0	4	4	0	1.0320	1.0320	0.0000	0.9852	0.9852	0.0000
2023-12-25T10:32:25	2	0	50	49	1	1.0521	1.0520	-0.0001	0.9849	0.9849	0.0000
2023-12-25T10:32:58	1	0	62	61	1	1.0555	1.0555	0.0000	0.9824	0.9824	0.0000
2023-12-25T10:33:36	1	0	56	56	0	1.0464	1.0463	-0.0001	0.9847	0.9846	0.0001
2023-12-25T10:33:55	1	0	2	2	0	1.0196	1.0193	-0.0003	-0.9996	-0.9996	0.0000
2023-12-25T10:34:36	1	0	45	43	2	1.0516	1.0514	-0.0002	0.9998	0.9998	0.0000
2023-12-25T10:34:52	4	0	4	4	0	1.0482	1.0474	-0.0008	-0.9998	-0.9999	0.0001
2023-12-25T10:35:30	3	0	31	28	3	1.0533	1.0531	-0.0003	-0.9997	-0.9997	0.0000
2023-12-25T10:40:22	1	0	11	11	0	1.0477	1.0476	-0.0001	0.9996	0.9996	0.0000
2023-12-25T10:40:35	1	0	5	5	0	1.0458	1.0458	0.0000	0.997	0.997	0.0000
2023-12-25T10:40:45	1	0	38	36	2	0.9398	0.9399	0.0000	-0.9987	-0.9986	-0.0001
2023-12-25T10:41:17	3	0	24	22	2	1.0455	1.0453	-0.0003	0.9839	0.9838	0.0001
2023-12-25T10:41:43	1	0	1	0	1	1.0552	null	null	0.9951	0.995	0.0001
2023-12-25T10:42:45	1	0	67	66	1	1.0481	1.0480	-0.0002	-0.9978	-0.9978	0.0000
2023-12-25T10:43:05	1	0	4	4	0	1.0386	1.0384	-0.0002	0.9933	0.9933	0.0000
2023-12-25T10:43:39	2	0	33	33	0	1.0507	1.0507	-0.0001	-0.9893	-0.9895	0.0002
2023-12-25T10:43:44	2	0	4	4	0	1.0372	1.0370	-0.0002	0.9987	0.9987	0.0000
2023-12-25T10:44:15	2	0	16	16	0	1.0464	1.0462	-0.0002	0.9949	0.9947	0.0002
2023-12-25T10:45:21	3	0	111	110	1	1.1191	1.1202	0.0011	0.9967	0.9966	0.0001
2023-12-25T10:45:55	1	0	27	26	1	1.0521	1.0520	-0.0001	-0.9771	-0.9773	0.0002
2023-12-25T10:46:08	1	0	11	10	1	1.0401	1.0416	0.0015	-0.9999	-0.9999	0.0000
2023-12-25T10:46:17	3	0	21	21	0	1.0487	1.0487	0.0000	-0.9962	-0.9966	0.0004
2023-12-25T10:46:40	2	0	3	3	0	1.0352	1.0351	-0.0001	0.9963	0.9962	0.0001
2023-12-25T10:46:58	1	0	66	63	3	1.0523	1.0521	-0.0002	-0.9744	-0.9744	0.0000
2023-12-25T10:47:18	1	0	6	6	0	1.0410	1.0409	-0.0001	0.9993	0.9993	0.0000
2023-12-25T10:47:26	5	0	56	53	3	1.0521	1.0519	-0.0002	0.9859	0.9858	0.0001
2023-12-25T10:48:26	1	0	3	3	0	1.0013	1.0012	-0.0001	0.995	0.9951	-0.0001
2023-12-25T10:48:45	1	0	4	3	1	1.0440	1.0396	-0.0044	0.951	0.9509	0.0001
2023-12-25T10:48:49	1	0	1	1	0	1.0193	1.0189	-0.0004	0.9865	0.9864	0.0001
2023-12-25T10:48:56	2	0	1	1	0	1.0241	1.0232	-0.0009	-0.9996	-0.9996	0.0000
2023-12-25T10:50:06	3	0	98	95	3	1.0588	1.0588	-0.0001	0.9973	0.997	0.0003
2023-12-25T10:50:31	1	0	20	20	0	1.0529	1.0528	0.0000	-0.9996	-0.9996	0.0000
2023-12-25T10:50:33	1	0	14	13	1	1.0475	1.0464	-0.0011	-0.9995	-0.9995	0.0000
2023-12-25T10:51:16	2	0	3	3	0	1.0294	1.0293	-0.0001	0.9912	0.9911	0.0001
2023-12-25T10:52:02	4	0	3	3	0	0.9510	0.9505	-0.0005	0.9957	0.9954	0.0003
2023-12-25T10:53:14	1	0	182	180	2	1.0597	1.0597	0.0000	-0.9834	-0.9834	0.0000
2023-12-25T10:56:46	1	0	6	6	0	1.0492	1.0490	-0.0002	-1	-1	0.0000
2023-12-25T10:57:46	3	0	56	55	1	1.0485	1.0483	-0.0001	-0.998	-0.998	0.0000
2023-12-25T10:58:34	1	0	24	24	0	1.0458	1.0458	-0.0001	-0.9948	-0.9949	0.0001
2023-12-25T10:58:43	1	0	8	8	0	1.0462	1.0461	-0.0001	0.9753	0.9751	0.0002
2023-12-25T11:00:19	3	0	1	0	1	1.0129	null	null	0.979	0.9787	0.0003
2023-12-25T11:00:39	1	0	9	9	0	1.0461	1.0459	-0.0002	0.9895	0.9895	0.0000
2023-12-25T11:00:50	7	0	75	92	-17	1.0660	1.0656	-0.0005	0.9906	0.99	0.0006
2023-12-25T11:01:29	1	0	2	2	0	1.0380	1.0375	-0.0006	0.9968	0.9967	0.0001
2023-12-25T11:01:46	3	0	1	0	1	1.0452	null	null	-0.962	-0.9619	-0.0001
2023-12-25T11:02:19	2	0	14	13	1	1.0481	1.0475	-0.0006	-0.9985	-0.9985	0.0000
2023-12-25T11:02:19	2	0	9	9	0	1.0443	1.0442	-0.0001	0.9995	0.9995	0.0000
2023-12-25T11:03:38	1	0	65	65	0	1.0472	1.0472	-0.0001	0.9841	0.984	0.0001
2023-12-25T11:03:47	1	0	4	4	0	1.0524	1.0524	0.0000	0.9987	0.9987	0.0000
2023-12-25T11:03:53	2	0	8	7	1	1.0492	1.0476	-0.0016	0.9556	0.9555	0.0001
2023-12-25T11:03:57	1	0	2	2	0	1.0201	1.0197	-0.0004	-0.9995	-0.9995	0.0000
2023-12-25T11:07:48	1	0	1	1	0	1.0559	1.0555	-0.0004	0.9816	0.9814	0.0002
2023-12-25T11:12:23	2	0	1	1	0	0.9883	0.9889	0.0006	-0.9825	-0.9823	-0.0002
2023-12-25T11:12:41	2	0	80	80	0	1.1479	1.1395	-0.0084	0.9977	0.9957	0.0020
2023-12-25T11:12:47	1	0	75	73	2	1.0487	1.0484	-0.0003	-0.9986	-0.9986	0.0000
2023-12-25T11:13:49	2	0	2	2	0	1.0272	1.0247	-0.0025	0.9988	0.9986	0.0002
2023-12-25T11:14:32	1	0	22	22	0	1.0515	1.0515	0.0000	0.9967	0.9967	0.0000
2023-12-25T11:14:37	1	0	59	57	2	1.0478	1.0475	-0.0003	-0.9977	-0.9977	0.0000
2023-12-25T11:15:17	1	0	122	120	2	1.0518	1.0518	-0.0001	0.9987	0.9987	0.0000
2023-12-25T11:15:23	2	0	110	109	1	1.1198	1.1214	0.0015	0.9637	0.9637	0.0000
2023-12-25T11:15:57	3	0	30	30	0	1.0531	1.0531	0.0000	-0.9792	-0.9798	0.0006
2023-12-25T11:16:10	1	0	11	11	0	1.0411	1.0410	0.0000	-0.9998	-0.9998	0.0000
2023-12-25T11:17:20	1	0	10	10	0	1.0435	1.0434	-0.0001	0.998	0.9979	0.0001

2023-12-25T11:17:28	4	0	58	56	2	1.0529	1.0528	-0.0001	0.9862	0.9861	0.0001
2023-12-25T11:18:01	3	0	91	88	3	1.0573	1.0573	0.0000	0.9833	0.9831	0.0002
2023-12-25T11:18:48	2	0	6	6	0	1.0541	1.0540	-0.0001	0.9986	0.9986	0.0000
2023-12-25T11:18:49	3	0	7	7	0	1.0511	1.0506	-0.0005	-0.9949	-0.9951	0.0002
2023-12-25T11:18:54	1	0	12	10	2	1.0473	1.0457	-0.0016	0.9536	0.9536	0.0000
2023-12-25T11:18:58	1	0	2	2	0	1.0178	1.0175	-0.0004	-0.9997	-0.9997	0.0000
2023-12-25T11:19:39	1	0	46	45	1	1.0523	1.0522	-0.0001	0.9999	0.9999	0.0000
2023-12-25T11:20:04	1	0	7	6	1	1.0459	1.0441	-0.0018	0.9994	0.9994	0.0000
2023-12-25T11:20:08	1	0	131	136	-5	1.0618	1.0615	-0.0003	0.9991	0.9982	0.0009
2023-12-25T11:20:52	5	0	1	0	1	1.0558	null	null	0.9996	0.9995	0.0001
2023-12-25T11:22:38	1	0	23	22	1	1.0487	1.0492	0.0005	0.9997	0.9997	0.0000
2023-12-25T11:22:49	1	0	2	2	0	1.0501	1.0500	-0.0002	0.9822	0.9821	0.0001
2023-12-25T11:26:50	1	0	1	1	0	1.0374	1.0370	-0.0004	0.9866	0.9865	0.0001
2023-12-25T11:26:56	1	0	14	13	1	1.0560	1.0550	-0.0010	0.987	0.9866	0.0004
2023-12-25T11:27:48	3	0	86	84	2	1.0497	1.0495	-0.0002	-0.9974	-0.9974	0.0000
2023-12-25T11:28:45	1	0	3	3	0	1.0496	1.0496	0.0000	0.9711	0.9711	0.0000
2023-12-25T11:30:58	3	0	29	29	0	1.0541	1.0541	0.0000	-0.9794	-0.976	-0.0034
2023-12-25T11:31:46	1	0	6	6	0	1.0566	1.0566	0.0000	0.9973	0.9973	0.0000
2023-12-25T11:32:21	8	0	17	16	1	1.0499	1.0493	-0.0006	-0.9985	-0.9985	0.0000
2023-12-25T11:32:27	2	0	3	2	1	0.9967	1.0269	0.0302	0.985	0.9851	-0.0001
2023-12-25T11:32:29	1	0	58	57	1	1.0529	1.0528	-0.0001	0.984	0.984	0.0000
2023-12-25T11:33:12	1	0	1	1	0	1.0397	1.0397	0.0000	0.9948	0.9948	0.0000
2023-12-25T11:33:40	1	0	53	52	1	1.0585	1.0583	-0.0001	-0.9965	-0.9966	0.0001
2023-12-25T11:33:55	1	0	16	14	2	1.0495	1.0484	-0.0011	0.9541	0.9541	0.0000
2023-12-25T11:35:06	1	0	2	1	1	1.0439	1.0317	-0.0121	0.9993	0.9993	0.0000
2023-12-25T11:35:09	3	0	141	144	-3	1.0620	1.0618	-0.0002	0.999	0.9982	0.0008
2023-12-25T11:35:53	4	0	1	1	0	1.0558	1.0552	-0.0006	0.9996	0.9995	0.0001
2023-12-25T11:35:58	1	0	1	1	0	1.0819	1.0819	0.0000	0.9996	0.9996	0.0000
2023-12-25T11:37:05	3	0	2	2	0	0.9082	0.9083	0.0001	0.9961	0.9961	0.0000
2023-12-25T11:39:30	1	0	8	9	-1	1.0516	1.0510	-0.0006	0.9955	0.9955	0.0000
2023-12-25T11:40:39	1	0	7	7	0	1.0517	1.0517	0.0000	0.9971	0.9971	0.0000
2023-12-25T11:40:47	2	0	1	1	0	1.0091	1.0075	-0.0016	-0.9997	-0.9997	0.0000
2023-12-25T11:41:51	1	0	1	1	0	1.0306	1.0306	0.0000	0.9862	0.9862	0.0000
2023-12-25T11:42:49	2	0	94	91	3	1.0504	1.0502	-0.0002	-0.9974	-0.9974	0.0000
2023-12-25T11:43:09	1	0	2	2	0	1.0806	1.0806	0.0000	0.9974	0.9974	0.0000
2023-12-25T11:44:27	1	0	19	18	1	1.0523	1.0521	-0.0002	-0.9961	-0.9961	0.0000
2023-12-25T11:45:19	1	0	123	122	1	1.0503	1.0503	0.0000	0.9961	0.9961	0.0000
2023-12-25T11:45:50	1	0	3	3	0	1.0495	1.0494	-0.0001	0.9993	0.9997	-0.0004
2023-12-25T11:45:53	5	0	98	93	5	1.0704	1.0704	0.0000	0.9901	0.9902	-0.0001
2023-12-25T11:47:34	1	0	20	21	-1	1.0467	1.0468	0.0001	0.9969	0.9969	0.0000
2023-12-25T11:49:57	3	0	4	5	-1	1.0488	1.0503	0.0015	-0.9996	-0.9995	-0.0001
2023-12-25T11:50:37	2	0	15	14	1	1.0483	1.0477	-0.0006	0.9971	0.9971	0.0000
2023-12-25T11:52:06	3	0	2	2	0	0.9092	0.9093	0.0001	0.997	0.9971	-0.0001
2023-12-25T11:55:48	1	0	1	1	0	1.0307	1.0307	0.0000	-0.9978	-0.9977	-0.0001
2023-12-25T11:58:07	4	0	16	15	1	1.0435	1.0427	-0.0008	0.9995	0.9995	0.0000
2023-12-25T11:58:10	1	0	1	1	0	1.1063	1.1063	0.0000	0.9964	0.9964	0.0000
2023-12-25T12:01:00	3	0	56	56	0	1.0549	1.0549	-0.0001	-0.9751	-0.9748	-0.0003
2023-12-25T12:03:06	2	0	210	211	-1	1.0600	1.0600	0.0000	0.9802	0.9803	-0.0001
2023-12-25T12:03:51	1	0	16	16	0	1.0498	1.0498	0.0000	0.9986	0.9986	0.0000
2023-12-25T12:03:57	1	0	24	24	0	1.0519	1.0518	-0.0001	0.9227	0.9199	0.0028
2023-12-25T12:05:07	2	0	15	13	2	1.0517	1.0516	-0.0002	0.9998	0.9997	0.0001
2023-12-25T12:07:07	2	0	2	2	0	0.9084	0.9084	0.0001	0.9961	0.9962	-0.0001
2023-12-25T12:10:41	1	0	12	12	0	1.0491	1.0491	0.0000	0.9969	0.9969	0.0000
2023-12-25T12:11:53	1	0	1	1	0	1.0326	1.0326	0.0000	0.9869	0.9869	0.0000
2023-12-25T12:15:52	1	0	5	5	0	1.0340	1.0340	0.0001	0.9987	0.9993	-0.0006
2023-12-25T12:17:36	1	0	21	21	0	1.0503	1.0502	0.0000	0.9971	0.9971	0.0000
2023-12-25T12:20:39	2	0	22	22	0	1.0492	1.0491	-0.0001	0.9977	0.9977	0.0000
2023-12-25T12:28:13	2	0	30	29	1	1.0505	1.0504	-0.0002	0.9727	0.9727	0.0000
2023-12-25T12:32:06	1	0	87	86	1	1.0534	1.0534	0.0000	-0.9736	-0.9735	-0.0001
2023-12-25T12:42:01	1	0	2	3	-1	1.0518	1.0531	0.0013	0.9343	0.9346	-0.0003
2023-12-25T12:42:44	1	0	13	12	1	1.0466	1.0457	-0.0009	0.9974	0.9974	0.0000
2023-12-25T12:42:53	2	0	189	188	1	1.0534	1.0536	0.0001	-0.9952	-0.9952	0.0000
2023-12-25T12:48:09	3	0	292	297	-5	1.0622	1.0622	0.0000	0.9775	0.9777	-0.0002
2023-12-25T12:48:53	2	0	11	10	1	1.0480	1.0471	-0.0010	0.9602	0.9601	0.0001
2023-12-25T12:52:10	1	0	2	2	0	0.9119	0.9119	0.0000	0.9975	0.9976	-0.0001
2023-12-25T12:54:35	1	0	6	8	-2	1.0513	1.0500	-0.0013	0.9911	0.9914	-0.0003
2023-12-25T12:56:06	1	0	10	11	-1	1.0337	1.0329	-0.0008	0.9977	0.9977	0.0000
2023-12-25T12:56:56	1	0	2	2	0	1.0310	1.0310	0.0000	0.9882	0.9882	0.0000
2023-12-25T12:58:11	1	0	14	14	0	1.0480	1.0480	-0.0001	0.9994	0.9994	0.0000
2023-12-25T12:59:44	1	0	51	51	0	1.0465	1.0465	0.0000	-0.999	-0.999	0.0000
2023-12-25T13:01:54	2	0	3	0	3	1.0479	null	null	-0.9417	-0.9729	0.0312
2023-12-25T13:09:57	1	0	8	8	0	1.0568	1.0566	-0.0002	-0.9932	-0.9948	0.0016
2023-12-25T13:12:55	1	0	286	284	2	1.0550	1.0549	0.0000	-0.994	-0.994	0.0000
2023-12-25T13:15:59	1	0	3	4	-1	1.0447	1.0373	-0.0074	0.9046	0.9043	0.0003
2023-12-25T13:20:16	1	0	163	162	1	1.0625	1.0625	0.0000	0.9989	0.999	-0.0001
2023-12-25T13:23:11	4	0	7	6	1	1.0583	1.0575	-0.0008	-0.9899	-0.9912	0.0013
2023-12-25T13:23:24	1	0	171	170	1	1.0580	1.0580	0.0000	-0.9898	-0.9898	0.0000
2023-12-25T13:24:11	1	0	2	2	0	1.0382	1.0378	-0.0003	0.9985	0.9994	-0.0009
2023-12-25T13:27:56	2	0	411	407	4	1.0562	1.0562	0.0000	-0.9935	-0.9935	0.0000
2023-12-25T13:28:17	1	0	45	44	1	1.0524	1.0523	-0.0001	0.9744	0.9744	0.0000
2023-12-25T13:34:05	1	0	41	40	1	1.0529	1.0529	-0.0001	0.9245	0.9245	0.0000
2023-12-25T13:35:13	1	0	13	13	0	1.0522	1.0506	-0.0016	0.9994	0.9994	0.0000
2023-12-25T13:35:44	1	0	29	28	1	1.0494	1.0494	0.0000	-0.9987	-0.9987	0.0000
2023-12-25T13:42:48	2	0	22	20	2	1.0488	1.0481	-0.0007	0.9974	0.9974	0.0000
2023-12-25T13:42:57	2	0	380	377	3	1.0559	1.0559	0.0000	-0.9934	-0.9934	0.0000

2023-12-25T13:43:18	2	0	47	46	1	1.0531	1.0530	-0.0001	0.976	0.9759	0.0001
2023-12-25T13:44:51	1	0	1	0	1	1.0557	null	null	0.99	0.99	0.0000
2023-12-25T13:47:36	2	0	4	5	-1	1.0358	1.0181	-0.0178	0.9853	0.9854	-0.0001
2023-12-25T13:48:13	1	0	405	405	0	1.0636	1.0636	0.0000	0.9774	0.9774	0.0000
2023-12-25T13:49:49	2	0	67	65	2	1.0537	1.0537	0.0000	0.9998	0.9998	0.0000
2023-12-25T13:50:45	5	0	28	25	3	1.0510	1.0505	-0.0006	0.9984	0.9983	0.0001
2023-12-25T13:55:00	1	0	21	20	1	1.0474	1.0470	-0.0004	0.9902	0.9902	0.0000
2023-12-25T13:57:00	2	0	1	1	0	1.0570	1.0564	-0.0006	0.9901	0.9899	0.0002
2023-12-25T14:01:58	2	0	3	3	0	1.0466	1.0464	-0.0002	-0.9499	-0.95	0.0001
2023-12-25T14:02:37	1	0	3	3	0	1.0323	1.0321	-0.0002	0.9856	0.9856	0.0000
2023-12-25T14:03:14	1	0	341	341	0	1.0624	1.0624	0.0000	0.9812	0.9812	0.0000
2023-12-25T14:04:07	2	0	48	47	1	1.0529	1.0528	-0.0001	0.9489	0.946	0.0029
2023-12-25T14:05:35	2	0	1	0	1	1.0387	null	null	0.9993	0.9993	0.0000
2023-12-25T14:07:23	1	0	41	41	0	1.0501	1.0501	0.0000	0.988	0.9879	0.0001
2023-12-25T14:10:59	5	0	2	3	-1	1.0209	1.0187	-0.0021	-0.9871	-0.989	0.0019
2023-12-25T14:12:58	1	0	1	1	0	1.0078	1.0078	0.0000	0.9985	0.9986	-0.0001
2023-12-25T14:12:59	2	0	285	283	2	1.0547	1.0547	0.0000	-0.9943	-0.9943	0.0000
2023-12-25T14:13:19	1	0	4	4	0	1.0544	1.0543	-0.0001	0.9993	0.9993	0.0000
2023-12-25T14:14:29	1	0	1	1	0	1.0440	1.0440	0.0000	0.9952	0.9952	0.0000
2023-12-25T14:15:32	6	0	3	2	1	1.0123	1.0083	-0.0040	0.979	0.9787	0.0003
2023-12-25T14:16:00	2	0	4	4	0	1.0520	1.0520	0.0000	0.9998	0.9998	0.0000
2023-12-25T14:16:06	3	0	3	3	0	1.0278	1.0275	-0.0003	0.9046	0.9027	0.0019
2023-12-25T14:16:11	2	0	45	45	0	1.0569	1.0564	-0.0004	-0.9894	-0.9864	-0.0030
2023-12-25T14:16:31	2	0	1	1	0	1.0307	1.0307	0.0000	-0.9979	-0.9981	0.0002
2023-12-25T14:16:57	1	0	12	11	1	1.0472	1.0464	-0.0008	-0.9998	-0.9998	0.0000
2023-12-25T14:16:59	2	0	3	3	0	1.0478	1.0477	-0.0001	-0.9541	-0.9541	0.0000
2023-12-25T14:17:38	1	0	4	4	0	1.0341	1.0340	-0.0001	0.986	0.9861	-0.0001
2023-12-25T14:17:40	3	0	54	54	0	1.0542	1.0542	0.0000	0.9716	0.9716	0.0000
2023-12-25T14:18:15	1	0	369	368	1	1.0626	1.0626	0.0000	0.9836	0.9836	0.0000
2023-12-25T14:19:00	2	0	53	49	4	1.0578	1.0577	-0.0001	0.9994	0.9994	0.0000
2023-12-25T14:20:20	2	0	173	173	0	1.0628	1.0627	0.0000	0.9989	0.9989	0.0000
2023-12-25T14:23:28	4	0	178	176	2	1.0581	1.0581	0.0000	-0.9889	-0.9889	0.0000
2023-12-25T14:23:29	5	0	22	21	1	1.0373	1.0373	0.0000	0.9999	0.9998	0.0001
2023-12-25T14:23:41	1	0	8	8	0	1.0453	1.0452	-0.0001	0.9944	0.9943	0.0001
2023-12-25T14:26:00	4	0	2	2	0	1.0195	1.0184	-0.0012	-0.9842	-0.9847	0.0005
2023-12-25T14:28:00	2	0	469	467	2	1.0561	1.0561	0.0000	-0.9923	-0.9923	0.0000
2023-12-25T14:30:30	1	0	175	170	5	1.0528	1.0529	0.0001	0.9956	0.9956	0.0000
2023-12-25T14:30:33	3	0	2	2	0	1.0347	1.0346	-0.0002	0.9793	0.9792	0.0001
2023-12-25T14:31:12	1	0	49	51	-2	1.0556	1.0554	-0.0002	-0.9878	-0.9845	-0.0033
2023-12-25T14:32:33	13	0	44	41	3	1.0502	1.0493	-0.0009	-0.9958	-0.9959	0.0001
2023-12-25T14:32:46	2	0	37	35	2	1.0527	1.0525	-0.0001	0.9981	0.998	0.0001
2023-12-25T14:33:52	2	0	95	95	0	1.0596	1.0595	-0.0001	-0.9947	-0.9948	0.0001
2023-12-25T14:34:02	2	0	51	51	0	1.0582	1.0582	0.0000	0.9994	0.9994	0.0000
2023-12-25T14:35:10	2	0	9	9	0	1.0493	1.0492	-0.0001	-0.9952	-0.9952	0.0000
2023-12-25T14:35:21	3	0	203	201	2	1.0642	1.0642	0.0000	0.9994	0.9994	0.0000
2023-12-25T14:35:48	2	0	16	16	0	1.0467	1.0466	-0.0001	0.9946	0.9945	0.0001
2023-12-25T14:35:48	5	0	49	48	1	1.0494	1.0492	-0.0001	-0.9984	-0.9985	0.0001
2023-12-25T14:36:05	3	0	1	1	0	1.0562	1.0560	-0.0002	0.9873	0.9872	0.0001
2023-12-25T14:36:13	2	0	6	6	0	1.0533	1.0532	-0.0002	-0.9999	-1	0.0001
2023-12-25T14:36:31	3	0	22	22	0	1.0426	1.0425	-0.0001	0.9957	0.9957	0.0000
2023-12-25T14:36:59	3	0	1	1	0	1.0297	1.0291	-0.0006	0.9174	0.9156	0.0018
2023-12-25T14:37:25	2	0	30	30	0	1.0495	1.0494	-0.0001	0.9868	0.9867	0.0001
2023-12-25T14:37:32	2	0	14	14	0	1.0475	1.0471	-0.0003	-0.9873	-0.9874	0.0001
2023-12-25T14:38:29	5	0	214	210	4	1.0589	1.0589	0.0000	-0.9843	-0.9843	0.0000
2023-12-25T14:39:42	1	0	9	9	0	1.0515	1.0515	-0.0001	0.9941	0.9937	0.0004
2023-12-25T14:40:45	1	0	1	1	0	1.0358	1.0355	-0.0003	0.9787	0.9786	0.0001
2023-12-25T14:41:01	3	0	3	3	0	1.0211	1.0210	-0.0002	-0.9855	-0.9854	-0.0001
2023-12-25T14:41:34	2	0	6	6	0	1.0378	1.0377	0.0000	0.9973	0.9972	0.0001
2023-12-25T14:42:03	1	0	2	2	0	1.0365	1.0363	-0.0002	0.9884	0.9883	0.0001
2023-12-25T14:43:02	1	0	415	414	1	1.0554	1.0554	0.0000	-0.9928	-0.9928	0.0000
2023-12-25T14:43:21	1	0	3	3	0	1.0670	1.0669	-0.0001	0.9995	0.9995	0.0000
2023-12-25T14:46:08	5	0	4	4	0	1.0314	1.0313	-0.0002	0.9064	0.9067	-0.0003
2023-12-25T14:46:24	6	0	9	9	0	1.0292	1.0290	-0.0002	0.9991	0.999	0.0001
2023-12-25T14:47:34	2	0	31	30	1	1.0481	1.0479	-0.0002	0.9991	0.9991	0.0000
2023-12-25T14:49:09	1	0	3	3	0	1.0419	1.0416	-0.0003	0.9864	0.9863	0.0001
2023-12-25T14:52:26	1	0	36	36	0	1.0490	1.0490	0.0000	0.9877	0.9877	0.0000
2023-12-25T14:55:06	2	0	66	66	0	0.9498	0.9496	-0.0002	0.9994	0.9994	0.0000
2023-12-25T14:56:14	1	0	15	15	0	1.0313	1.0312	-0.0001	0.9938	0.9938	0.0000
2023-12-25T15:00:35	7	0	2	3	-1	1.0074	1.0062	-0.0012	0.9796	0.9795	0.0001
2023-12-25T15:01:25	1	0	9	9	0	1.0284	1.0283	-0.0001	0.9988	0.9987	0.0001
2023-12-25T15:07:11	9	0	13	13	0	1.0236	1.0234	-0.0002	0.9796	0.9793	0.0003
2023-12-25T15:14:44	1	0	9	9	0	1.0306	1.0306	-0.0001	-0.9999	-0.9999	0.0000
2023-12-25T15:15:36	2	0	4	4	0	1.0102	1.0095	-0.0007	0.9817	0.9815	0.0002
2023-12-25T15:15:50	1	0	3	3	0	1.0356	1.0356	0.0000	0.9763	0.9763	0.0000
2023-12-25T15:16:26	2	0	8	8	0	1.0302	1.0301	-0.0001	0.999	0.999	0.0000
2023-12-25T15:22:20	1	0	3	3	0	0.9577	0.9576	-0.0001	0.9993	0.9993	0.0000
2023-12-25T15:23:32	3	0	16	16	0	1.0372	1.0371	0.0000	0.9999	0.9999	0.0000
2023-12-25T15:28:07	1	0	1038	1037	1	1.0730	1.0730	0.0000	-0.9996	-0.9997	0.0001
2023-12-25T15:30:40	2	0	125	122	3	1.1158	1.1156	-0.0002	0.9702	0.9701	0.0001
2023-12-25T15:30:49	2	0	2	2	0	1.0319	1.0317	-0.0002	-0.988	-0.9881	0.0001
2023-12-25T15:32:04	1	0	78	78	0	1.0560	1.0559	-0.0001	-0.9994	-0.9994	0.0000
2023-12-25T15:33:20	1	0	277	277	0	1.0601	1.0601	0.0000	0.9844	0.9844	0.0000
2023-12-25T15:33:40	1	0	161	161	0	1.0624	1.0623	-0.0001	-0.9445	-0.9445	0.0000
2023-12-25T15:35:52	1	0	61	61	0	1.0511	1.0511	0.0000	-0.999	-0.999	0.0000
2023-12-25T15:36:05	1	0	1	1	0	1.0234	1.0230	-0.0004	-0.9928	-0.9934	0.0006

2023-12-25T15:37:13	1	0	10	10	0	1.0205	1.0205	0.0000	0.9797	0.9797	0.0000
2023-12-25T15:40:20	1	0	5	5	0	1.0235	1.0234	-0.0001	-0.9992	-0.9992	0.0000
2023-12-25T15:43:42	1	0	2	2	0	1.0346	1.0340	-0.0006	0.9869	0.9866	0.0003
2023-12-25T15:44:02	1	0	7	7	0	1.0454	1.0453	-0.0001	0.9732	0.9731	0.0001
2023-12-25T15:46:12	1	0	3	3	0	1.0278	1.0277	-0.0001	0.9133	0.9123	0.0010
2023-12-25T15:47:40	1	0	812	812	0	1.0764	1.0764	0.0000	-0.9982	-0.9982	0.0000
2023-12-25T15:52:56	3	0	23	22	1	1.0465	1.0471	0.0006	0.9982	0.9982	0.0000
2023-12-25T16:03:28	1	0	3	3	0	1.0357	1.0356	-0.0001	0.9654	0.9652	0.0002
2023-12-25T16:07:23	5	0	5	5	0	0.9877	0.9873	-0.0004	0.9986	0.9983	0.0003
2023-12-26T07:51:50	2	0	94	94	0	0.9187	0.9188	0.0001	0.967	0.967	0.0000
2023-12-26T08:12:38	1	0	286	284	2	1.0586	1.0586	0.0000	0.9965	0.9965	0.0000
2023-12-26T08:14:20	4	0	118	114	4	1.0545	1.0545	-0.0001	-1	-1	0.0000
2023-12-26T08:18:11	1	0	363	363	0	1.0701	1.0701	0.0000	-0.893	-0.8927	-0.0003
2023-12-26T08:18:16	1	0	70	70	0	0.9513	0.9516	0.0003	0.994	0.9939	0.0001
2023-12-26T08:32:11	2	0	795	795	0	1.0772	1.0772	0.0000	-0.9934	-0.9933	-0.0001
2023-12-26T08:36:47	1	0	40	38	2	0.9394	0.9394	0.0000	0.9935	0.9935	0.0000
2023-12-26T08:59:23	2	0	82	82	0	1.0540	1.0540	0.0000	1	-1	0.0000
2023-12-26T09:03:30	1	0	1	0	1	1.0252	null	null	0.984	0.984	0.0000
2023-12-26T09:04:55	2	0	2	2	0	1.0257	1.0256	-0.0001	0.9883	0.9884	-0.0001
2023-12-26T09:05:23	1	0	13	13	0	1.0519	1.0519	0.0000	-0.9998	-0.9998	0.0000
2023-12-26T09:05:27	1	0	32	32	0	1.0489	1.0489	0.0000	-0.9993	-0.9993	0.0000
2023-12-26T09:06:44	1	0	4	4	0	0.9672	0.9674	0.0003	0.9909	0.991	-0.0001
2023-12-26T09:06:49	1	0	23	21	2	0.9405	0.9406	0.0001	0.9931	0.9931	0.0000
2023-12-26T09:06:55	2	0	101	101	0	0.9175	0.9179	0.0004	0.9614	0.9614	0.0000
2023-12-26T09:10:40	2	0	4	3	1	0.9472	0.9488	0.0016	-0.9976	-0.9976	0.0000
2023-12-26T09:12:36	1	0	1	1	0	1.0024	1.0021	-0.0003	0.9986	0.9986	0.0000
2023-12-26T09:12:42	2	0	185	184	1	1.0576	1.0575	-0.0001	0.9986	0.9987	-0.0001
2023-12-26T09:14:00	2	0	5	4	1	0.9434	0.9438	0.0003	-0.996	-0.9957	-0.0003
2023-12-26T09:17:14	3	0	795	795	0	1.0753	1.0753	0.0000	-0.9955	-0.9955	0.0000
2023-12-26T09:18:15	1	0	370	371	-1	1.0685	1.0684	-0.0001	-0.886	-0.8858	-0.0002
2023-12-26T09:20:20	1	0	11	11	0	1.0455	1.0454	0.0000	0.9731	0.973	0.0001
2023-12-26T09:20:24	2	0	71	64	7	0.9444	0.9445	0.0001	0.9893	0.9895	-0.0002
2023-12-26T09:24:21	2	0	3	3	0	1.0495	1.0492	-0.0004	0.9897	0.9894	0.0003
2023-12-26T09:24:42	2	0	67	67	0	0.9055	0.9056	0.0001	0.9976	0.9976	0.0000
2023-12-26T09:27:43	2	0	40	40	0	1.0521	1.0519	-0.0001	0.9978	0.9979	-0.0001
2023-12-26T09:29:25	3	0	23	23	0	1.0511	1.0511	0.0000	1	1	0.0000
2023-12-26T09:33:21	1	0	1	0	1	0.9447	null	null	0.9948	0.9949	-0.0001
2023-12-26T09:35:25	4	0	11	11	0	1.0473	1.0467	-0.0006	-1	-1	0.0000
2023-12-26T09:35:42	1	0	2	2	0	0.9844	0.9839	-0.0005	-0.9999	-0.9999	0.0000
2023-12-26T09:36:46	3	0	3	3	0	0.9562	0.9574	0.0011	0.9911	0.9911	0.0000
2023-12-26T09:38:59	1	0	1	1	0	0.9711	0.9715	0.0004	0.9973	0.9973	0.0000
2023-12-26T09:45:17	4	0	306	304	2	0.7199	0.7282	0.0083	0.9665	0.9673	-0.0008
2023-12-26T09:45:42	2	0	2	2	0	1.0068	1.0074	0.0006	0.9986	0.9986	0.0000
2023-12-26T09:46:02	1	0	2	2	0	1.0146	1.0145	-0.0002	1	1	0.0000
2023-12-26T09:47:04	2	0	3	3	0	1.0291	1.0286	-0.0005	0.9939	0.9938	0.0001
2023-12-26T09:48:22	1	0	75	69	6	0.9354	0.9369	0.0016	0.9937	0.9939	-0.0002
2023-12-26T09:50:22	1	0	15	15	0	1.0473	1.0472	-0.0001	0.9766	0.9765	0.0001
2023-12-26T09:50:26	1	0	9	9	0	1.0486	1.0484	-0.0002	-0.9998	-0.9998	0.0000
2023-12-26T09:54:44	1	0	65	65	0	0.9150	0.9150	-0.0001	0.9988	0.9988	0.0000
2023-12-26T09:57:45	1	0	115	115	0	1.0567	1.0567	0.0000	0.9999	0.9999	0.0000
2023-12-26T09:58:22	1	0	1	1	0	0.9984	0.9978	-0.0006	-0.9827	-0.9826	-0.0001
2023-12-26T09:59:03	1	0	3	3	0	0.9813	0.9812	-0.0001	-0.9961	-0.996	-0.0001
2023-12-26T09:59:27	4	0	37	33	4	1.0544	1.0542	-0.0002	1	1	0.0000
2023-12-26T10:00:18	2	0	98	97	1	1.1435	1.1464	0.0029	0.9778	0.9777	0.0001
2023-12-26T10:00:46	7	0	1	1	0	1.0352	1.0328	-0.0024	0.9151	0.9129	0.0022
2023-12-26T10:02:14	4	0	3	3	0	1.0401	1.0390	-0.0011	1	1	0.0000
2023-12-26T10:02:24	2	0	34	33	1	1.0521	1.0520	-0.0001	0.9842	0.9842	0.0000
2023-12-26T10:02:49	5	0	34	27	7	0.9392	0.9402	0.0010	0.9969	0.9971	-0.0002
2023-12-26T10:03:34	3	0	2	2	0	0.9735	0.9748	0.0014	0.9587	0.9592	-0.0005
2023-12-26T10:03:35	1	0	9	9	0	1.0463	1.0462	-0.0001	-0.9934	-0.9935	0.0001
2023-12-26T10:03:54	1	0	1	1	0	1.0257	1.0253	-0.0004	-0.9971	-0.9971	0.0000
2023-12-26T10:04:56	1	0	14	12	2	1.0501	1.0481	-0.0020	-0.9951	-0.9959	0.0008
2023-12-26T10:05:27	7	0	27	23	4	1.0518	1.0515	-0.0002	-0.9999	-0.9999	0.0000
2023-12-26T10:05:31	1	0	27	26	1	1.0480	1.0480	0.0000	-0.9999	-0.9999	0.0000
2023-12-26T10:09:18	1	0	1	1	0	0.9891	0.9894	0.0003	0.9823	0.9824	-0.0001
2023-12-26T10:09:45	2	0	67	67	0	0.9152	0.9153	0.0001	0.9986	0.9986	0.0000
2023-12-26T10:10:44	1	0	1	1	0	0.9439	0.9446	0.0007	-0.9982	-0.998	-0.0002
2023-12-26T10:11:51	1	0	11	10	1	1.0512	1.0503	-0.0009	0.9865	0.9863	0.0002
2023-12-26T10:12:20	2	0	1	1	0	0.9786	0.9792	0.0006	-0.998	-0.9979	-0.0001
2023-12-26T10:14:21	1	0	10	10	0	1.0451	1.0450	0.0000	-0.9997	-0.9997	0.0000
2023-12-26T10:14:49	5	0	65	61	4	1.0571	1.0569	-0.0003	0.9892	0.9891	0.0001
2023-12-26T10:15:14	2	0	114	112	2	1.0518	1.0517	-0.0001	0.9996	0.9996	0.0000
2023-12-26T10:16:05	1	0	2	2	0	1.0107	1.0106	-0.0001	0.9997	0.9997	0.0000
2023-12-26T10:17:15	2	0	3	3	0	1.0412	1.0407	-0.0005	0.9999	0.9999	0.0000
2023-12-26T10:18:55	1	0	1	1	0	1.0226	1.0221	-0.0005	-0.9975	-0.9975	0.0000
2023-12-26T10:19:01	4	0	6	6	0	1.0431	1.0429	-0.0002	1	0.9999	0.0001
2023-12-26T10:20:28	7	0	39	38	1	1.0541	1.0539	-0.0002	-1	-1	0.0000
2023-12-26T10:20:32	1	0	33	32	1	1.0490	1.0490	0.0000	-0.9998	-0.9998	0.0000
2023-12-26T10:21:49	13	0	3	0	3	0.9565	null	null	0.9905	0.991	-0.0005
2023-12-26T10:27:21	2	0	2	2	0	0.9821	0.9824	0.0003	-0.9975	-0.9974	-0.0001
2023-12-26T10:28:44	2	0	3	3	0	1.0173	1.0172	-0.0001	0.9956	0.9955	0.0001
2023-12-26T10:31:23	1	0	2	2	0	1.0232	1.0228	-0.0004	-0.978	-0.9781	0.0001
2023-12-26T10:33:36	2	0	4	4	0	1.0495	1.0492	-0.0003	0.9797	0.9795	0.0002
2023-12-26T10:33:48	1	0	1	1	0	1.0216	1.0213	-0.0003	0.9823	0.9822	0.0001
2023-12-26T10:33:56	1	0	1	1	0	1.0227	1.0222	-0.0005	-0.9969	-0.997	0.0001

2023-12-26T10:34:58	1	0	15	15	0	1.0516	1.0516	-0.0001	0.9992	0.999	0.0002
2023-12-26T10:35:33	1	0	33	32	1	1.0490	1.0490	0.0000	-0.9997	-0.9997	0.0000
2023-12-26T10:37:46	1	0	2	2	0	1.0398	1.0397	-0.0001	0.9928	0.9927	0.0001
2023-12-26T10:40:22	1	0	13	13	0	1.0498	1.0497	-0.0001	0.9977	0.9977	0.0000
2023-12-26T10:42:40	1	0	80	80	0	1.1486	1.1468	-0.0018	-0.9885	-0.9888	0.0003
2023-12-26T10:43:20	4	0	31	30	1	1.0529	1.0527	-0.0002	0.9965	0.9948	0.0017
2023-12-26T10:44:06	1	0	6	6	0	0.9611	0.9614	0.0003	-0.9963	-0.9961	-0.0002
2023-12-26T10:44:51	3	0	77	75	2	1.0565	1.0565	0.0000	0.9893	0.9893	0.0000
2023-12-26T10:45:16	1	0	99	98	1	1.0512	1.0512	0.0000	0.9995	0.9995	0.0000
2023-12-26T10:45:49	1	0	6	6	0	1.0571	1.0566	-0.0006	0.9498	0.9492	0.0006
2023-12-26T10:48:57	1	0	2	2	0	1.0056	1.0056	-0.0001	-0.9972	-0.9972	0.0000
2023-12-26T10:50:05	1	0	3	3	0	1.0393	1.0391	-0.0001	0.9976	0.9976	0.0000
2023-12-26T10:50:30	1	0	18	16	2	0.9475	0.9479	0.0005	0.9894	0.9894	0.0000
2023-12-26T10:50:30	2	0	36	36	0	1.0546	1.0545	-0.0001	1	1	0.0000
2023-12-26T10:51:17	2	0	2	2	0	1.0260	1.0257	-0.0003	0.9865	0.9867	-0.0002
2023-12-26T10:57:49	1	0	46	46	0	1.0518	1.0518	0.0001	0.9948	0.9953	-0.0005
2023-12-26T11:01:33	1	0	5	5	0	1.0413	1.0408	-0.0004	0.9944	0.9942	0.0002
2023-12-26T11:03:47	1	0	1	1	0	1.0566	1.0566	0.0000	0.9947	0.9947	0.0000
2023-12-26T11:05:06	1	0	5	5	0	1.0422	1.0422	0.0000	0.9977	0.9976	0.0001
2023-12-26T11:05:35	1	0	33	32	1	1.0489	1.0488	0.0000	-0.9996	-0.9996	0.0000
2023-12-26T11:10:48	3	0	28	28	0	0.9402	0.9410	0.0008	-0.998	-0.9978	-0.0002
2023-12-26T11:11:21	1	0	1	1	0	1.0579	1.0576	-0.0003	0.9904	0.9903	0.0001
2023-12-26T11:14:43	1	0	1	1	0	1.0318	1.0313	-0.0005	0.9859	0.9858	0.0001
2023-12-26T11:14:53	1	0	64	64	0	1.0560	1.0559	-0.0001	0.9887	0.9886	0.0001
2023-12-26T11:14:54	1	0	1	1	0	0.9436	0.9448	0.0012	0.9684	0.9685	-0.0001
2023-12-26T11:17:33	1	0	2	2	0	1.0609	1.0602	-0.0006	0.9961	0.996	0.0001
2023-12-26T11:17:57	2	0	21	18	3	1.0566	1.0562	-0.0003	0.9692	0.9691	0.0001
2023-12-26T11:18:54	2	0	1	0	1	1.0554	null	null	0.9584	0.9584	0.0000
2023-12-26T11:20:05	1	0	3	2	1	1.0384	1.0279	-0.0105	0.9849	0.9849	0.0000
2023-12-26T11:20:36	2	0	35	34	1	1.0499	1.0497	-0.0001	-0.9996	-0.9996	0.0000
2023-12-26T11:20:57	1	0	2	2	0	1.0670	1.0665	-0.0006	-0.9862	-0.9866	0.0004
2023-12-26T11:25:45	2	0	1	0	1	1.0072	null	null	-0.9999	-0.9999	0.0000
2023-12-26T11:29:26	1	0	11	11	0	1.0459	1.0459	0.0000	-0.9998	-0.9998	0.0000
2023-12-26T11:30:19	1	0	96	95	1	1.0515	1.0515	0.0000	0.9997	0.9997	0.0000
2023-12-26T11:30:24	1	0	95	95	0	1.1610	1.1610	0.0000	-1	-1	0.0000
2023-12-26T11:30:52	6	0	19	9	10	1.0537	1.0494	-0.0044	0.9497	0.9535	-0.0038
2023-12-26T11:32:20	9	0	20	19	1	1.0515	1.0512	-0.0004	1	1	0.0000
2023-12-26T11:32:58	2	0	26	25	1	1.0555	1.0554	-0.0001	0.9685	0.9684	0.0001
2023-12-26T11:34:25	2	0	11	11	0	1.0543	1.0543	-0.0001	0.9944	0.9944	0.0000
2023-12-26T11:35:50	1	0	1	1	0	0.9374	0.9374	0.0000	-0.9995	-0.9994	-0.0001
2023-12-26T11:36:20	1	0	1	1	0	1.0300	1.0300	0.0000	0.987	0.9866	0.0004
2023-12-26T11:37:05	3	0	20	19	1	0.9321	0.9321	0.0000	0.9985	0.9986	-0.0001
2023-12-26T11:39:24	1	0	1	1	0	1.0565	1.0565	0.0000	0.9798	0.9798	0.0000
2023-12-26T11:42:46	1	0	1	1	0	1.0003	1.0003	0.0000	0.9981	0.9981	0.0000
2023-12-26T11:47:21	8	0	8	8	0	1.0495	1.0491	-0.0003	0.9997	0.9997	0.0000
2023-12-26T11:49:09	8	0	14	13	1	1.0454	1.0443	-0.0011	0.9999	0.9998	0.0001
2023-12-26T11:50:07	1	0	1	1	0	1.0223	1.0223	0.0000	0.9846	0.9846	0.0000
2023-12-26T11:53:18	1	0	66	65	1	1.0537	1.0537	0.0000	-0.9893	-0.9892	-0.0001
2023-12-26T11:55:47	2	0	1	1	0	1.0098	1.0087	-0.0011	-0.9999	-0.9999	0.0000
2023-12-26T12:00:54	5	0	5	6	-1	1.0509	1.0522	0.0013	0.949	0.9476	0.0014
2023-12-26T12:02:32	5	0	36	33	3	1.0523	1.0519	-0.0004	0.9835	0.9834	0.0001
2023-12-26T12:03:00	2	0	6	7	-1	1.0547	1.0552	0.0004	0.9702	0.9702	0.0000
2023-12-26T12:04:27	1	0	14	14	0	1.0533	1.0534	0.0000	0.9943	0.9943	0.0000
2023-12-26T12:04:42	1	0	34	33	1	1.0494	1.0492	-0.0002	0.9989	0.9989	0.0000
2023-12-26T12:13:26	1	0	33	30	3	1.0535	1.0532	-0.0003	0.9966	0.9966	0.0000
2023-12-26T12:26:26	1	0	3	3	0	1.0416	1.0416	0.0000	0.9923	0.9923	0.0000
2023-12-26T12:28:07	1	0	20	19	1	1.0508	1.0505	-0.0002	0.9973	0.9973	0.0000
2023-12-26T12:45:24	1	0	98	97	1	1.0509	1.0508	-0.0001	0.9995	0.9996	-0.0001
2023-12-26T12:48:38	1	0	9	9	0	1.0461	1.0461	0.0000	0.9935	0.9936	-0.0001
2023-12-26T12:57:02	1	0	11	10	1	1.0501	1.0493	-0.0008	0.986	0.9859	0.0001
2023-12-26T13:00:58	4	0	3	2	1	1.0478	1.0448	-0.0030	0.9593	0.9574	0.0019
2023-12-26T13:02:26	6	0	5	6	-1	1.0463	1.0485	0.0022	0.9999	0.9999	0.0000
2023-12-26T13:02:33	1	0	2	2	0	1.0412	1.0410	-0.0003	0.9804	0.9804	0.0000
2023-12-26T13:03:05	2	0	6	7	-1	1.0537	1.0547	0.0010	0.9723	0.9723	0.0000
2023-12-26T13:38:12	5	0	3	2	1	1.0599	1.0587	-0.0012	-0.9999	-0.9999	0.0000
2023-12-26T13:38:25	1	0	97	96	1	1.0564	1.0564	0.0000	-0.9903	-0.9903	0.0000
2023-12-26T13:39:07	1	0	5	5	0	1.0393	1.0393	0.0000	0.9876	0.9876	0.0000
2023-12-26T13:46:01	3	0	1	1	0	1.0168	1.0164	-0.0004	0.9058	0.9066	-0.0008
2023-12-26T13:49:49	1	0	39	38	1	1.0505	1.0504	-0.0002	0.9994	0.9994	0.0000
2023-12-26T13:58:19	2	0	29	28	1	1.0503	1.0502	-0.0002	0.997	0.997	0.0000
2023-12-26T14:00:29	1	0	47	46	1	1.0506	1.0505	-0.0001	0.9861	0.9861	0.0000
2023-12-26T14:03:34	1	0	210	0	210	1.0611	null	null	-0.9519	-1	0.0481
2023-12-26T14:04:50	1	0	49	48	1	1.0519	1.0518	-0.0001	0.9996	0.9996	0.0000
2023-12-26T14:05:50	1	0	21	20	1	1.0518	1.0515	-0.0002	-0.9728	-0.9729	0.0001
2023-12-26T14:07:12	1	0	6	10	-4	0.9401	0.9415	0.0015	0.995	0.9949	0.0001
2023-12-26T14:07:50	1	0	8	8	0	1.0360	1.0360	0.0000	0.9888	0.9887	0.0001
2023-12-26T14:08:27	1	0	112	110	2	1.0567	1.0567	0.0000	-0.9884	-0.9884	0.0000
2023-12-26T14:10:56	2	0	1	1	0	1.0076	1.0072	-0.0004	-0.9998	-0.9998	0.0000
2023-12-26T14:12:00	1	0	1	0	1	1.0552	null	null	0.9935	0.9935	0.0000
2023-12-26T14:12:07	1	0	11	10	1	1.0516	1.0510	-0.0006	0.9877	0.9876	0.0001
2023-12-26T14:13:02	4	0	315	316	-1	1.0623	1.0619	-0.0004	0.9999	0.9999	0.0000
2023-12-26T14:13:34	1	0	50	47	3	1.0539	1.0537	-0.0001	0.9978	0.9978	0.0000
2023-12-26T14:16:05	2	0	1	1	0	1.0213	1.0210	-0.0003	0.9058	0.9055	0.0003
2023-12-26T14:16:29	4	0	8	8	0	1.0311	1.0309	-0.0002	1	1	0.0000
2023-12-26T14:17:41	4	0	45	45	0	1.0531	1.0530	0.0000	0.9828	0.9827	0.0001

2023-12-26T14:18:35	1	0	354	354	0	1.0668	1.0668	0.0000	-0.9502	-0.9501	-0.0001
2023-12-26T14:18:40	1	0	1	4	-3	0.9443	0.9445	0.0002	0.9922	0.992	0.0002
2023-12-26T14:19:19	7	0	34	33	1	1.0494	1.0492	-0.0002	1	1	0.0000
2023-12-26T14:19:51	1	0	56	56	0	1.0526	1.0526	0.0000	0.9996	0.9996	0.0000
2023-12-26T14:20:07	4	0	4	3	1	1.0469	1.0464	-0.0004	1	1	0.0000
2023-12-26T14:22:13	1	0	10	10	0	0.9399	0.9402	0.0004	0.996	0.9961	-0.0001
2023-12-26T14:23:28	3	0	135	132	3	1.0571	1.0570	-0.0001	-0.9881	-0.9881	0.0000
2023-12-26T14:25:02	4	0	2	1	1	1.0561	1.0558	-0.0003	-0.9968	-0.9969	0.0001
2023-12-26T14:25:50	1	0	5	5	0	1.0402	1.0400	-0.0002	0.998	0.998	0.0000
2023-12-26T14:27:55	1	0	2	2	0	1.0545	1.0545	0.0000	-0.9924	-0.9898	-0.0026
2023-12-26T14:28:03	3	0	96	95	1	1.0558	1.0557	-0.0001	0.9964	0.9965	-0.0001
2023-12-26T14:28:23	2	0	3	3	0	1.0677	1.0675	-0.0002	-0.9999	-1	0.0001
2023-12-26T14:28:35	1	0	45	45	0	1.0538	1.0538	-0.0001	0.9981	0.998	0.0001
2023-12-26T14:29:30	2	0	7	7	0	1.0472	1.0470	-0.0003	-0.9996	-0.9997	0.0001
2023-12-26T14:29:45	6	0	59	60	-1	1.0560	1.0560	0.0000	0.9999	0.9999	0.0000
2023-12-26T14:30:08	4	0	145	144	1	1.0583	1.0583	0.0000	0.9899	0.9899	0.0000
2023-12-26T14:30:54	1	0	13	13	0	1.0484	1.0483	-0.0001	0.9962	0.9962	0.0000
2023-12-26T14:31:30	2	0	9	9	0	1.0308	1.0308	-0.0001	0.9998	0.9998	0.0000
2023-12-26T14:32:32	6	0	4	3	1	1.0480	1.0433	-0.0046	0.9991	0.9991	0.0000
2023-12-26T14:32:42	3	0	51	50	1	1.0532	1.0532	0.0000	0.9837	0.9836	0.0001
2023-12-26T14:33:41	1	0	68	67	1	0.9380	0.9385	0.0005	0.9921	0.9919	0.0002
2023-12-26T14:34:02	1	0	7	7	0	1.0497	1.0496	-0.0002	0.9929	0.9928	0.0001
2023-12-26T14:34:20	7	0	27	27	0	1.0491	1.0489	-0.0002	-1	1	0.0000
2023-12-26T14:35:07	1	0	1	1	0	1.0339	1.0336	-0.0003	0.9764	0.9763	0.0001
2023-12-26T14:35:08	3	0	3	3	0	1.0461	1.0460	-0.0002	1	1	0.0000
2023-12-26T14:35:18	1	0	2	2	0	1.0422	1.0420	-0.0002	0.9867	0.9866	0.0001
2023-12-26T14:35:41	2	0	22	21	1	1.0507	1.0503	-0.0004	0.9775	0.9771	0.0004
2023-12-26T14:35:43	2	0	9	9	0	1.0420	1.0417	-0.0003	0.9976	0.9975	0.0001
2023-12-26T14:37:14	1	0	13	11	2	0.9407	0.9402	-0.0005	0.9953	0.9954	-0.0001
2023-12-26T14:38:29	2	0	136	133	3	1.0574	1.0573	-0.0001	-0.9885	-0.9885	0.0000
2023-12-26T14:40:33	2	0	9	8	1	0.9472	0.9483	0.0011	0.9826	0.9828	-0.0002
2023-12-26T14:43:04	3	0	257	254	3	1.0598	1.0597	0.0000	0.9996	0.9997	-0.0001
2023-12-26T14:44:46	4	0	46	44	2	1.0554	1.0554	0.0000	0.9999	0.9999	0.0000
2023-12-26T14:45:09	2	0	127	126	1	1.0576	1.0576	0.0000	0.99	0.99	0.0000
2023-12-26T14:45:55	1	0	10	10	0	1.0487	1.0487	0.0000	0.9961	0.9961	0.0000
2023-12-26T14:46:14	4	0	9	9	0	1.0508	1.0507	-0.0001	-0.9884	-0.9889	0.0005
2023-12-26T14:47:01	10	0	3	0	3	1.0465	null	null	-0.9866	-0.9872	0.0006
2023-12-26T14:48:54	1	0	30	28	2	1.0508	1.0507	-0.0001	-0.9759	-0.9761	0.0002
2023-12-26T14:49:18	1	0	2	2	0	1.0364	1.0362	-0.0002	1	1	0.0000
2023-12-26T14:51:59	2	0	17	17	0	1.0456	1.0454	-0.0002	-0.9995	-0.9995	0.0000
2023-12-26T14:52:18	3	0	148	148	0	0.9160	0.9161	0.0001	0.996	0.996	0.0000
2023-12-26T14:52:34	2	0	11	10	1	1.0473	1.0475	0.0002	-0.9926	-0.9926	0.0000
2023-12-26T14:52:53	1	0	11	11	0	1.0342	1.0342	0.0000	0.9885	0.9885	0.0000
2023-12-26T14:57:57	1	0	81	81	0	1.0949	1.0947	-0.0002	-0.9979	-0.9964	-0.0015
2023-12-26T14:57:59	1	0	1	1	0	1.0059	1.0058	-0.0001	0.9985	0.9986	-0.0001
2023-12-26T15:00:36	6	0	1	1	0	1.0125	1.0082	-0.0043	0.9901	0.9896	0.0005
2023-12-26T15:01:08	2	0	2	2	0	1.0184	1.0182	-0.0002	0.9097	0.9092	0.0005
2023-12-26T15:07:35	2	0	12	10	2	1.0473	1.0476	0.0003	-0.9923	-0.9923	0.0000
2023-12-26T15:08:31	1	0	154	154	0	1.0581	1.0581	0.0000	-0.9865	-0.9864	-0.0001
2023-12-26T15:12:17	1	0	23	23	0	1.0488	1.0488	0.0000	-0.9968	-0.9967	-0.0001
2023-12-26T15:12:58	1	0	4	4	0	1.0604	1.0602	-0.0002	-0.9955	-0.9973	0.0018
2023-12-26T15:13:06	1	0	349	351	-2	1.0648	1.0647	0.0000	0.9997	0.9998	-0.0001
2023-12-26T15:13:24	1	0	50	49	1	1.0537	1.0536	-0.0001	0.999	0.999	0.0000
2023-12-26T15:14:48	1	0	68	68	0	1.0558	1.0558	0.0000	1	1	0.0000
2023-12-26T15:23:29	5	0	6	6	0	1.0349	1.0346	-0.0003	-1	-1	0.0000
2023-12-26T15:28:07	1	0	478	476	2	1.0629	1.0630	0.0002	1	1	0.0000
2023-12-26T15:28:39	1	0	47	45	2	1.0541	1.0540	-0.0001	0.9974	0.9974	0.0000
2023-12-26T15:36:10	4	0	5	1	4	1.0483	1.0456	-0.0027	0.9994	0.9992	0.0002
2023-12-26T15:44:44	3	0	17	17	0	1.0434	1.0430	-0.0003	0.9986	0.9985	0.0001
2023-12-26T15:45:02	1	0	3	3	0	1.0360	1.0360	-0.0001	0.9937	0.9936	0.0001
2023-12-26T15:45:39	3	0	3	3	0	1.0108	1.0106	-0.0002	0.9906	0.9904	0.0002
2023-12-26T15:47:40	1	0	807	807	0	1.0801	1.0801	0.0000	-0.9973	-0.9973	0.0000
2023-12-26T16:05:24	1	0	2	2	0	1.0286	1.0283	-0.0003	0.9865	0.9865	0.0000
2023-12-26T16:17:46	2	0	4	4	0	1.0330	1.0327	-0.0003	0.9853	0.9852	0.0001
2023-12-26T16:20:52	1	0	41	40	1	1.0547	1.0547	0.0000	-0.9998	-0.9998	0.0000
2023-12-26T16:22:47	1	0	120	118	2	0.9506	0.9507	0.0002	0.9883	0.9885	-0.0002
2023-12-26T16:31:14	1	0	66	63	3	0.9617	0.9622	0.0004	0.9882	0.9884	-0.0002
2023-12-26T17:41:18	1	0	73	73	0	0.9395	0.9396	0.0001	-0.9973	-0.9972	-0.0001
2023-12-26T18:30:24	1	0	49	49	0	1.0564	1.0564	0.0000	0.9912	0.9912	0.0000
2023-12-27T07:50:15	2	0	93	93	0	0.9420	0.9421	0.0001	-0.924	-0.9207	-0.0033
2023-12-27T07:51:50	2	0	164	164	0	0.8988	0.8989	0.0001	0.9984	0.9985	-0.0001
2023-12-27T08:03:27	1	0	62	60	2	0.9374	0.9375	0.0001	0.9771	0.977	0.0001
2023-12-27T08:14:21	4	0	73	69	4	1.0537	1.0536	-0.0001	-1	-1	0.0000
2023-12-27T08:29:22	1	0	22	22	0	1.0519	1.0518	0.0000	1	1	0.0000
2023-12-27T08:32:13	2	0	795	795	0	1.0774	1.0774	0.0000	-0.999	-0.999	0.0000
2023-12-27T08:36:47	1	0	49	48	1	0.9354	0.9355	0.0001	0.9965	0.9985	-0.0020
2023-12-27T09:02:15	3	0	795	795	0	1.0771	1.0771	0.0000	-0.9989	-0.9989	0.0000
2023-12-27T09:06:49	1	0	26	24	2	0.9398	0.9398	0.0001	0.9954	0.9956	-0.0002
2023-12-27T09:06:55	2	0	148	146	2	0.9179	0.9183	0.0004	0.997	0.9975	-0.0005
2023-12-27T09:10:40	2	0	22	19	3	0.9455	0.9462	0.0007	-0.9963	-0.9962	-0.0001
2023-12-27T09:12:38	1	0	1	1	0	1.0016	1.0012	-0.0004	0.9987	0.9987	0.0000
2023-12-27T09:13:14	3	0	93	91	2	1.0550	1.0549	0.0000	0.9928	0.9928	0.0000
2023-12-27T09:14:00	2	0	5	5	0	0.9414	0.9420	0.0006	-0.9577	-0.9573	-0.0004
2023-12-27T09:17:41	1	0	31	31	0	1.0498	1.0497	-0.0001	0.9962	0.9944	0.0018
2023-12-27T09:20:20	1	0	17	17	0	1.0496	1.0495	-0.0001	0.9688	0.9687	0.0001

2023-12-27T09:24:42	1	0	151	147	4	0.9390	0.9391	0.0001	0.9779	0.9779	0.0000
2023-12-27T09:24:53	2	0	76	75	1	0.9077	0.9078	0.0001	0.9989	0.9989	0.0000
2023-12-27T09:29:26	3	0	22	21	1	1.0517	1.0515	-0.0002	0.9999	0.9999	0.0000
2023-12-27T09:29:45	2	0	62	61	1	1.0567	1.0566	-0.0001	0.9839	0.9838	0.0001
2023-12-27T09:30:15	1	0	20	20	0	0.9347	0.9350	0.0003	0.9524	0.9523	0.0001
2023-12-27T09:30:43	3	0	3	3	0	0.9654	0.9658	0.0004	0.9939	0.9939	0.0000
2023-12-27T09:31:02	1	0	7	7	0	1.0353	1.0352	-0.0001	-0.9998	-0.9998	0.0000
2023-12-27T09:32:53	2	0	27	26	1	1.0360	1.0352	-0.0007	0.9679	0.9679	0.0000
2023-12-27T09:33:20	1	0	4	4	0	1.0093	1.0092	-0.0001	0.9916	0.9914	0.0002
2023-12-27T09:33:57	1	0	16	15	1	1.0437	1.0445	0.0008	-0.9997	-0.9997	0.0000
2023-12-27T09:35:22	1	0	8	8	0	0.9520	0.9522	0.0002	-0.9915	-0.9909	-0.0006
2023-12-27T09:39:24	2	0	3	3	0	1.0479	1.0474	-0.0005	0.9923	0.992	0.0003
2023-12-27T09:43:16	1	0	95	92	3	1.0556	1.0555	0.0000	0.996	0.996	0.0000
2023-12-27T09:44:46	3	0	28	27	1	1.0551	1.0551	-0.0001	0.9835	0.9835	0.0000
2023-12-27T09:45:45	8	0	25	14	11	1.0528	1.0553	0.0025	0.9941	0.9945	-0.0004
2023-12-27T09:47:06	2	0	10	10	0	1.0377	1.0375	-0.0001	0.9927	0.9926	0.0001
2023-12-27T09:47:43	2	0	31	28	3	1.0492	1.0496	0.0004	0.9985	0.9985	0.0000
2023-12-27T09:48:33	1	0	18	18	0	1.0480	1.0479	-0.0001	-0.9836	-0.9838	0.0002
2023-12-27T09:48:58	1	0	17	17	0	1.0467	1.0467	-0.0001	-0.9996	-0.9996	0.0000
2023-12-27T09:50:22	1	0	14	14	0	1.0480	1.0478	-0.0002	0.9685	0.9684	0.0001
2023-12-27T09:50:26	3	0	13	10	3	1.0490	1.0495	0.0005	-0.9996	-0.9996	0.0000
2023-12-27T09:50:29	2	0	11	11	0	1.0461	1.0460	-0.0001	-0.997	-0.9971	0.0001
2023-12-27T09:51:47	3	0	1	1	0	1.0142	1.0135	-0.0007	0.9838	0.9837	0.0001
2023-12-27T09:58:24	1	0	1	1	0	0.9957	0.9952	-0.0005	-0.9725	-0.9723	-0.0002
2023-12-27T09:59:28	3	0	30	28	2	1.0529	1.0524	-0.0005	0.9975	0.9974	0.0001
2023-12-27T10:00:17	1	0	20	20	0	0.9346	0.9346	0.0000	0.9502	0.95	0.0002
2023-12-27T10:01:21	1	0	1	1	0	0.9907	0.9909	0.0002	-0.9837	-0.9833	-0.0004
2023-12-27T10:02:15	5	0	3	3	0	1.0289	1.0275	-0.0013	0.9979	0.9979	0.0000
2023-12-27T10:03:55	1	0	5	5	0	1.0414	1.0413	-0.0001	-0.9862	-0.9862	0.0000
2023-12-27T10:05:27	13	0	48	42	6	1.0543	1.0536	-0.0007	-0.9997	-0.9998	0.0001
2023-12-27T10:07:45	1	0	2	2	0	1.0404	1.0402	-0.0002	0.9955	0.9955	0.0000
2023-12-27T10:08:09	3	0	8	8	0	1.0302	1.0300	-0.0002	1	1	0.0000
2023-12-27T10:08:24	5	0	98	97	1	0.9135	0.9146	0.0011	0.986	0.9864	-0.0004
2023-12-27T10:09:56	4	0	69	69	0	0.9196	0.9196	0.0000	0.9942	0.994	0.0002
2023-12-27T10:10:12	2	0	7	7	0	0.9513	0.9517	0.0004	0.9813	0.9812	0.0001
2023-12-27T10:10:33	1	0	3	3	0	1.0050	1.0049	-0.0001	0.9732	0.9731	0.0001
2023-12-27T10:12:20	2	0	2	2	0	0.9564	0.9570	0.0005	-0.9917	-0.9916	-0.0001
2023-12-27T10:14:05	1	0	1	1	0	1.0586	1.0581	-0.0005	-0.9585	-0.9574	-0.0011
2023-12-27T10:15:18	2	0	20	19	1	0.9373	0.9311	-0.0062	0.9505	0.9505	0.0000
2023-12-27T10:15:33	2	0	2	2	0	1.0412	1.0410	-0.0002	-0.9998	-0.9998	0.0000
2023-12-27T10:16:07	1	0	3	3	0	1.0202	1.0201	-0.0001	0.9999	0.9999	0.0000
2023-12-27T10:17:16	2	0	3	3	0	1.0355	1.0350	-0.0005	0.9981	0.998	0.0001
2023-12-27T10:17:56	1	0	25	24	1	1.0214	1.0198	-0.0016	0.9684	0.9684	0.0000
2023-12-27T10:17:59	1	0	82	80	2	0.9406	0.9411	0.0005	0.9995	0.9984	0.0011
2023-12-27T10:18:59	2	0	7	7	0	0.9505	0.9507	0.0001	-0.9999	-0.9999	0.0000
2023-12-27T10:19:00	3	0	12	10	2	1.0453	1.0452	-0.0001	-0.9997	-0.9997	0.0000
2023-12-27T10:20:19	1	0	5	5	0	0.9980	0.9978	-0.0001	-0.9957	-0.9957	0.0000
2023-12-27T10:24:20	1	0	1	1	0	0.9969	0.9972	0.0003	0.9794	0.9795	-0.0001
2023-12-27T10:24:57	1	0	69	69	0	0.9286	0.9285	-0.0001	0.9954	0.9954	0.0000
2023-12-27T10:25:45	1	0	32	22	10	0.9418	0.9413	-0.0005	-0.9975	-0.9972	-0.0003
2023-12-27T10:27:21	2	0	1	1	0	0.9717	0.9722	0.0005	-0.9894	-0.9893	-0.0001
2023-12-27T10:28:44	2	0	3	3	0	1.0186	1.0185	-0.0001	0.9967	0.9967	0.0000
2023-12-27T10:29:06	1	0	4	4	0	0.9734	0.9737	0.0003	-0.9614	-0.9599	-0.0015
2023-12-27T10:29:38	1	0	1	1	0	1.0378	1.0373	-0.0005	0.9855	0.9854	0.0001
2023-12-27T10:29:49	1	0	28	26	2	1.0556	1.0556	0.0000	0.9855	0.9854	0.0001
2023-12-27T10:32:22	1	0	2	2	0	1.0345	1.0343	-0.0002	0.9867	0.9867	0.0000
2023-12-27T10:34:02	2	0	17	17	0	1.0449	1.0448	-0.0001	-0.9994	-0.9995	0.0001
2023-12-27T10:34:53	2	0	33	19	14	1.0542	1.0516	-0.0027	-0.9923	-0.9935	0.0012
2023-12-27T10:35:29	4	0	54	53	1	1.0548	1.0547	-0.0001	-0.9996	-0.9996	0.0000
2023-12-27T10:37:01	2	0	93	91	2	0.9222	0.9223	0.0001	0.9981	0.9983	-0.0002
2023-12-27T10:39:58	1	0	76	76	0	0.9285	0.9285	-0.0001	0.994	0.9939	0.0001
2023-12-27T10:40:25	1	0	24	21	3	1.0548	1.0545	-0.0003	0.9987	0.9986	0.0001
2023-12-27T10:47:58	1	0	15	13	2	0.9827	0.9875	0.0048	0.9674	0.9672	0.0002
2023-12-27T10:48:25	1	0	3	3	0	1.0132	1.0130	-0.0001	0.9903	0.9905	-0.0002
2023-12-27T10:48:49	1	0	1	1	0	1.0171	1.0168	-0.0003	0.9885	0.9884	0.0001
2023-12-27T10:50:26	2	0	16	16	0	1.0487	1.0486	-0.0001	0.9687	0.9683	0.0004
2023-12-27T10:54:59	1	0	70	70	0	0.9298	0.9299	0.0000	0.9962	0.9962	0.0000
2023-12-27T10:56:49	1	0	1	1	0	1.0589	1.0580	-0.0009	-0.9991	-0.9991	0.0000
2023-12-27T10:56:54	1	0	11	10	1	1.0530	1.0520	-0.0011	0.9878	0.9876	0.0002
2023-12-27T10:57:42	1	0	2	1	1	1.0554	1.0553	-0.0001	-0.968	-0.9679	-0.0001
2023-12-27T10:58:21	2	0	58	56	2	1.0549	1.0548	-0.0001	0.9945	0.9944	0.0001
2023-12-27T11:00:18	1	0	57	55	2	1.0480	1.0479	-0.0001	0.9995	0.9995	0.0000
2023-12-27T11:02:11	1	0	4	4	0	1.0143	1.0144	0.0001	0.9923	0.9923	0.0000
2023-12-27T11:02:24	2	0	3	3	0	0.9901	0.9897	-0.0004	0.9873	0.9872	0.0001
2023-12-27T11:02:45	2	0	1	0	1	1.0552	null	null	-0.9928	-0.9945	0.0017
2023-12-27T11:03:38	2	0	5	4	1	1.0443	1.0509	0.0066	0.9769	0.9764	0.0005
2023-12-27T11:03:59	2	0	6	6	0	1.0429	1.0428	-0.0002	-0.9897	-0.9898	0.0001
2023-12-27T11:05:34	2	0	12	11	1	1.0455	1.0445	-0.0010	-0.9981	-0.9981	0.0000
2023-12-27T11:08:06	5	0	1	0	1	1.0571	null	null	-0.9972	-0.9972	0.0000
2023-12-27T11:09:49	1	0	21	21	0	1.0410	1.0409	-0.0001	0.99	0.9899	0.0001
2023-12-27T11:10:00	1	0	71	71	0	0.9273	0.9275	0.0002	0.9923	0.9925	-0.0002
2023-12-27T11:10:52	1	0	6	5	1	1.0475	1.0457	-0.0018	0.9972	0.9972	0.0000
2023-12-27T11:14:33	1	0	24	24	0	1.0515	1.0515	0.0000	0.9978	0.9978	0.0000
2023-12-27T11:17:32	1	0	1	0	1	1.0555	null	null	0.9747	0.9746	0.0001
2023-12-27T11:17:49	1	0	33	34	-1	1.0513	1.0510	-0.0003	0.9957	0.9958	-0.0001

2023-12-27T11:19:05	2	0	10	10	0	1.0441	1.0439	-0.0002	-0.9997	-0.9997	0.0000
2023-12-27T11:19:53	1	0	1	1	0	1.0350	1.0347	-0.0003	0.9672	0.967	0.0002
2023-12-27T11:20:35	1	0	12	11	1	1.0462	1.0454	-0.0009	-0.9979	-0.998	0.0001
2023-12-27T11:22:50	1	0	1	1	0	1.0392	1.0388	-0.0004	0.9949	0.9949	0.0000
2023-12-27T11:22:50	1	0	6	6	0	1.0434	1.0432	-0.0002	0.9971	0.9971	0.0000
2023-12-27T11:25:53	1	0	1	0	1	1.0453	null	null	0.9972	0.9971	0.0001
2023-12-27T11:29:53	3	0	42	41	1	1.0562	1.0562	0.0000	0.9828	0.9828	0.0000
2023-12-27T11:30:52	1	0	3	3	0	1.0405	1.0405	0.0000	0.9899	0.9899	0.0000
2023-12-27T11:31:12	3	0	4	4	0	1.0209	1.0208	-0.0002	0.9999	0.9998	0.0001
2023-12-27T11:32:21	8	0	3	2	1	1.0400	1.0310	-0.0090	0.9983	0.9983	0.0000
2023-12-27T11:32:26	2	0	1	1	0	0.9223	0.9223	0.0000	0.9849	0.9849	0.0000
2023-12-27T11:32:33	1	0	1	1	0	1.0591	1.0586	-0.0005	0.9756	0.9755	0.0001
2023-12-27T11:33:02	2	0	18	17	1	1.0566	1.0565	-0.0001	0.9766	0.9766	0.0000
2023-12-27T11:33:28	1	0	2	2	0	1.0172	1.0172	0.0000	0.9909	0.9908	0.0001
2023-12-27T11:33:40	5	0	8	7	1	0.9634	0.9655	0.0020	0.9536	0.9543	-0.0007
2023-12-27T11:34:06	1	0	1	1	0	1.0436	1.0436	0.0000	-0.9982	-0.9982	0.0000
2023-12-27T11:35:07	2	0	1	1	0	1.0376	1.0368	-0.0008	0.9816	0.9815	0.0001
2023-12-27T11:35:58	2	0	2	2	0	1.0666	1.0662	-0.0004	-0.9984	-0.9986	0.0002
2023-12-27T11:39:25	1	0	1	1	0	1.0576	1.0576	0.0000	0.9788	0.9787	0.0001
2023-12-27T11:40:18	2	0	1	1	0	0.9436	0.9436	0.0000	0.9897	0.9895	0.0002
2023-12-27T11:40:39	1	0	4	4	0	1.0211	1.0211	0.0000	0.9814	0.9814	0.0000
2023-12-27T11:45:21	1	0	84	83	1	1.0491	1.0490	-0.0001	0.9994	0.9994	0.0000
2023-12-27T11:47:27	2	0	2	2	0	0.9691	0.9691	0.0000	0.9871	0.9871	0.0000
2023-12-27T11:49:07	1	0	1	1	0	1.0425	1.0425	0.0000	-0.9969	-0.9969	0.0000
2023-12-27T11:49:58	2	0	2	2	0	0.9860	0.9860	0.0000	0.8856	0.8863	-0.0007
2023-12-27T11:52:52	1	0	2	2	0	1.0486	1.0486	0.0000	0.992	0.992	0.0000
2023-12-27T11:55:40	1	0	2	2	0	1.0062	1.0062	0.0000	0.9831	0.9831	0.0000
2023-12-27T11:57:46	1	0	84	84	0	1.1361	1.1351	-0.0010	-0.9702	-0.9702	0.0000
2023-12-27T12:00:54	7	0	3	4	-1	1.0413	1.0454	0.0040	0.9899	0.9895	0.0004
2023-12-27T12:03:25	1	0	229	228	1	1.0614	1.0614	0.0000	-0.9606	-0.9605	-0.0001
2023-12-27T12:03:30	1	0	3	3	0	1.0128	1.0128	0.0000	0.9896	0.9895	0.0001
2023-12-27T12:04:08	1	0	1	1	0	1.0402	1.0402	0.0000	-0.9964	-0.9964	0.0000
2023-12-27T12:04:59	2	0	2	2	0	0.9856	0.9856	0.0000	0.8853	0.8859	-0.0006
2023-12-27T12:06:00	1	0	3	4	-1	1.0583	1.0576	-0.0008	-0.9956	-0.9956	0.0000
2023-12-27T12:08:20	1	0	79	78	1	1.0537	1.0537	0.0000	-0.9876	-0.9875	-0.0001
2023-12-27T12:10:20	2	0	3	3	0	0.9526	0.9526	0.0000	0.9886	0.9884	0.0002
2023-12-27T12:10:41	1	0	3	3	0	1.0211	1.0211	0.0000	0.9828	0.9828	0.0000
2023-12-27T12:18:26	1	0	306	306	0	1.0599	1.0599	0.0000	-0.9617	-0.9616	-0.0001
2023-12-27T12:18:43	4	0	2	3	-1	1.0538	1.0175	-0.0363	0.9712	0.9708	0.0004
2023-12-27T12:23:24	1	0	11	10	1	1.0486	1.0479	-0.0007	0.9999	0.9999	0.0000
2023-12-27T12:27:48	1	0	5	5	0	1.0576	1.0576	0.0000	-0.9671	-0.9669	-0.0002
2023-12-27T12:46:49	2	0	10	10	0	1.0573	1.0570	-0.0004	0.9987	0.9987	0.0000
2023-12-27T12:47:31	2	0	7	7	0	1.0167	1.0166	-0.0001	0.9864	0.9864	0.0000
2023-12-27T12:48:33	1	0	4	4	0	1.0097	1.0097	0.0000	0.9894	0.9896	-0.0002
2023-12-27T12:55:44	1	0	3	3	0	1.0196	1.0196	0.0000	0.9822	0.9822	0.0000
2023-12-27T13:02:53	1	0	2	2	0	1.0571	1.0567	-0.0004	-0.9931	-0.993	-0.0001
2023-12-27T13:17:33	2	0	2	2	0	0.9748	0.9748	0.0001	0.9843	0.9845	-0.0002
2023-12-27T13:18:16	1	0	3	2	1	1.0498	1.0464	-0.0034	0.9704	0.9704	0.0000
2023-12-27T13:35:05	1	0	51	41	10	1.0553	1.0551	-0.0003	-0.9912	-0.9915	0.0003
2023-12-27T13:45:29	1	0	94	92	2	1.0501	1.0501	0.0000	0.9995	0.9995	0.0000
2023-12-27T13:50:16	2	0	2	3	-1	1.0297	1.0276	-0.0021	0.986	0.986	0.0000
2023-12-27T14:02:36	2	0	4	4	0	1.0028	1.0026	-0.0002	0.9862	0.9862	0.0000
2023-12-27T14:02:40	2	0	24	23	1	1.0503	1.0501	-0.0002	0.9841	0.984	0.0001
2023-12-27T14:03:33	1	0	365	365	0	1.0681	1.0681	0.0000	-0.9192	-0.9191	-0.0001
2023-12-27T14:03:50	1	0	6	6	0	0.9696	0.9698	0.0001	0.9558	0.9559	-0.0001
2023-12-27T14:08:28	3	0	134	132	2	1.0567	1.0567	0.0000	-0.9804	-0.9803	-0.0001
2023-12-27T14:13:41	1	0	1	1	0	1.0017	1.0014	-0.0003	-0.9712	-0.971	-0.0002
2023-12-27T14:14:37	1	0	10	10	0	1.0448	1.0448	0.0000	-0.9998	-0.9998	0.0000
2023-12-27T14:15:04	1	0	19	18	1	1.0544	1.0543	-0.0001	0.9833	0.9833	0.0000
2023-12-27T14:15:09	1	0	1	1	0	0.9400	0.9410	0.0010	0.959	0.9588	0.0002
2023-12-27T14:15:34	2	0	15	14	1	0.9458	0.9372	-0.0086	0.9525	0.9524	0.0001
2023-12-27T14:15:49	2	0	7	7	0	1.0467	1.0466	-0.0001	-1	-1	0.0000
2023-12-27T14:16:05	5	0	6	8	-2	1.0497	1.0392	-0.0105	0.9902	0.9891	0.0011
2023-12-27T14:18:34	1	0	359	359	0	1.0682	1.0682	0.0000	-0.9144	-0.9142	-0.0002
2023-12-27T14:18:51	2	0	9	9	0	0.9609	0.9610	0.0001	0.9523	0.9524	-0.0001
2023-12-27T14:19:19	12	0	40	34	6	1.0495	1.0495	0.0001	-0.9985	-0.9985	0.0000
2023-12-27T14:27:56	1	0	5	6	-1	1.0560	1.0557	-0.0003	-0.975	-0.9751	0.0001
2023-12-27T14:27:56	1	0	2	1	1	1.0477	1.0391	-0.0086	-0.9891	-0.989	-0.0001
2023-12-27T14:28:25	1	0	4	4	0	1.0448	1.0447	-0.0002	0.9947	0.9947	0.0000
2023-12-27T14:28:35	3	0	126	118	8	1.0567	1.0566	-0.0001	0.9963	0.9963	0.0000
2023-12-27T14:29:38	1	0	10	10	0	1.0449	1.0449	0.0000	-0.9999	-0.9999	0.0000
2023-12-27T14:30:35	2	0	15	15	0	0.9419	0.9420	0.0001	0.9509	0.9508	0.0001
2023-12-27T14:30:50	1	0	4	4	0	1.0428	1.0427	-0.0001	0.998	0.9979	0.0001
2023-12-27T14:31:56	2	0	45	45	0	1.0565	1.0566	0.0001	0.9999	0.9999	0.0000
2023-12-27T14:33:04	2	0	417	404	13	1.0630	1.0630	0.0000	-0.9966	-0.9967	0.0001
2023-12-27T14:33:14	1	0	21	21	0	1.0389	1.0389	0.0000	0.9665	0.9664	0.0001
2023-12-27T14:33:35	1	0	360	360	0	1.0674	1.0674	0.0000	-0.9127	-0.9125	-0.0002
2023-12-27T14:33:40	1	0	3	3	0	1.0113	1.0113	0.0000	0.9905	0.9903	0.0002
2023-12-27T14:33:52	1	0	3	3	0	1.0264	1.0265	0.0000	0.9596	0.9596	0.0000
2023-12-27T14:34:03	1	0	6	6	0	1.0530	1.0530	0.0000	0.9994	0.9991	0.0003
2023-12-27T14:34:20	9	0	33	32	1	1.0510	1.0508	-0.0003	-0.9987	-0.9987	0.0000
2023-12-27T14:35:19	2	0	2	2	0	1.0315	1.0313	-0.0003	0.9885	0.9884	0.0001
2023-12-27T14:39:44	1	0	7	7	0	1.0504	1.0503	-0.0001	0.99	0.9897	0.0003
2023-12-27T14:42:57	1	0	7	7	0	1.0585	1.0584	-0.0001	-0.965	-0.9649	-0.0001
2023-12-27T14:43:23	2	0	36	35	1	1.0502	1.0500	-0.0002	0.999	0.999	0.0000

2023-12-27T14:43:58	1	0	3	2	1	1.0456	1.0455	-0.0001	0.973	0.9728	0.0002
2023-12-27T14:45:33	2	0	145	143	2	1.0530	1.0529	0.0000	0.9996	0.9996	0.0000
2023-12-27T14:45:36	2	0	17	16	1	0.9465	0.9395	-0.0069	0.9524	0.9524	0.0000
2023-12-27T14:46:27	1	0	4	4	0	1.0247	1.0247	0.0000	-1	-1	0.0000
2023-12-27T14:46:44	1	0	1	1	0	1.0318	1.0312	-0.0006	0.9701	0.9692	0.0009
2023-12-27T14:46:57	1	0	45	45	0	1.0554	1.0553	-0.0001	1	1	0.0000
2023-12-27T14:47:34	4	0	3	3	0	1.0288	1.0287	-0.0001	0.9971	0.9971	0.0000
2023-12-27T14:48:53	1	0	3	3	0	1.0147	1.0148	0.0000	0.9634	0.9635	-0.0001
2023-12-27T14:51:32	2	0	2	2	0	1.0319	1.0315	-0.0003	0.9931	0.9932	-0.0001
2023-12-27T14:55:52	1	0	6	6	0	1.0271	1.0270	-0.0001	0.9858	0.9857	0.0001
2023-12-27T14:56:07	2	0	1	1	0	1.0131	1.0121	-0.0010	-0.9957	-0.9957	0.0000
2023-12-27T14:56:30	1	0	3	3	0	1.0196	1.0194	-0.0001	0.9811	0.981	0.0001
2023-12-27T14:58:24	1	0	43	41	2	1.0520	1.0518	-0.0002	0.9998	0.9998	0.0000
2023-12-27T14:58:37	1	0	100	100	0	1.0561	1.0561	0.0000	0.9926	0.9925	0.0001
2023-12-27T15:05:41	1	0	3	3	0	1.0481	1.0480	-0.0001	0.9939	0.9937	0.0002
2023-12-27T15:15:02	1	0	1	1	0	1.0395	1.0381	-0.0014	0.998	0.9979	0.0001
2023-12-27T15:16:59	1	0	81	81	0	1.0566	1.0565	-0.0001	-0.9997	-0.9997	0.0000
2023-12-27T15:17:41	1	0	3	3	0	0.9952	0.9951	-0.0001	0.9856	0.9856	0.0000
2023-12-27T15:22:00	2	0	1	1	0	1.0339	1.0333	-0.0006	-1	1	0.0000
2023-12-27T15:22:56	3	0	7	7	0	1.0423	1.0418	-0.0005	0.9987	0.9987	0.0000
2023-12-27T15:28:39	3	0	262	260	2	1.0578	1.0578	0.0000	0.9954	0.9952	0.0002
2023-12-27T15:41:33	4	0	7	7	0	1.0278	1.0276	-0.0002	0.9844	0.9841	0.0003
2023-12-27T15:45:55	2	0	13	13	0	1.0456	1.0456	0.0000	-0.9992	-0.9992	0.0000
2023-12-27T16:00:38	1	0	147	145	2	1.0530	1.0529	0.0000	0.9997	0.9997	0.0000
2023-12-27T16:05:42	1	0	2	2	0	1.0344	1.0342	-0.0003	0.9997	0.9997	0.0000
2023-12-27T16:08:36	2	0	128	125	3	1.0565	1.0565	0.0000	-0.9872	-0.9853	-0.0019
2023-12-27T16:11:05	2	0	1	0	1	1.0063	null	null	-0.998	-0.998	0.0000
2023-12-27T16:11:05	2	0	1	0	1	1.0097	null	null	0.9665	0.9664	0.0001
2023-12-27T16:17:07	3	0	1	0	1	1.0454	null	null	-0.9844	-0.9845	0.0001
2023-12-27T16:30:18	1	0	4	4	0	0.9443	0.9443	0.0000	0.963	0.9627	0.0003
2023-12-27T16:33:12	1	0	557	556	1	1.0647	1.0647	0.0000	-0.9908	-0.9908	0.0000
2023-12-27T16:41:14	2	0	3	4	-1	0.9912	0.9929	0.0016	-0.995	-0.9943	-0.0007
2023-12-27T17:26:17	1	0	5	5	0	0.9871	0.9870	-0.0001	-0.9952	-0.995	-0.0002
2023-12-27T18:00:49	1	0	74	74	0	0.9203	0.9203	0.0000	0.9683	0.9683	0.0000
2023-12-27T18:04:09	1	0	30	30	0	0.9611	0.9611	0.0000	0.9851	0.9851	0.0000
2023-12-27T18:15:50	1	0	77	77	0	0.9194	0.9194	0.0000	0.9677	0.9677	0.0000
2023-12-27T18:19:10	1	0	56	56	0	0.9537	0.9538	0.0001	0.9761	0.9761	0.0000
2023-12-27T18:33:20	1	0	640	640	0	1.0668	1.0668	0.0000	-0.9933	-0.9932	-0.0001
2023-12-28T07:51:56	2	0	103	102	1	0.9162	0.9163	0.0001	0.9998	0.9999	-0.0001
2023-12-28T08:00:15	1	0	19	19	0	0.9416	0.9417	0.0000	0.9556	0.9552	0.0004
2023-12-28T08:14:26	4	0	73	69	4	1.0537	1.0536	-0.0001	0.9989	0.999	-0.0001
2023-12-28T08:17:20	2	0	795	795	0	1.0775	1.0774	0.0000	-0.9992	-0.9992	0.0000
2023-12-28T08:18:17	1	0	368	367	1	1.0674	1.0680	0.0006	-0.9119	-0.9118	-0.0001
2023-12-28T08:20:24	2	0	82	79	3	0.9431	0.9434	0.0003	-0.9783	-0.977	-0.0013
2023-12-28T08:20:26	1	0	39	39	0	1.0553	1.0552	-0.0001	-0.9984	-0.9984	0.0000
2023-12-28T08:28:17	1	0	288	286	2	1.0591	1.0591	0.0000	0.9925	0.9925	0.0000
2023-12-28T08:33:34	1	0	131	130	1	0.9332	0.9334	0.0001	0.969	0.969	0.0000
2023-12-28T08:36:52	1	0	40	38	2	0.9396	0.9396	0.0000	0.9968	0.9969	-0.0001
2023-12-28T08:44:28	1	0	14	14	0	1.0505	1.0504	-0.0001	0.9984	0.9984	0.0000
2023-12-28T08:58:19	2	0	545	541	4	1.0612	1.0611	-0.0001	0.9971	0.997	0.0001
2023-12-28T09:00:19	1	0	16	16	0	0.9422	0.9422	0.0000	0.9519	0.9518	0.0001
2023-12-28T09:02:23	1	0	795	795	0	1.0784	1.0784	0.0000	-0.9992	-0.9992	0.0000
2023-12-28T09:04:53	1	0	15	13	2	1.0499	1.0489	-0.0010	-0.9906	-0.9907	0.0001
2023-12-28T09:05:29	1	0	55	54	1	1.0560	1.0559	-0.0001	-0.9985	-0.9985	0.0000
2023-12-28T09:07:01	1	0	101	100	1	0.9182	0.9182	0.0000	0.999	0.9994	-0.0004
2023-12-28T09:12:46	1	0	1	1	0	1.0038	1.0035	-0.0003	0.9991	0.9991	0.0000
2023-12-28T09:12:48	1	0	50	50	0	1.0531	1.0531	0.0000	0.9987	0.9987	0.0000
2023-12-28T09:14:06	2	0	8	7	1	0.9415	0.9416	0.0001	-0.948	-0.9475	-0.0005
2023-12-28T09:14:30	1	0	24	24	0	1.0511	1.0511	-0.0001	0.9976	0.9974	0.0002
2023-12-28T09:18:21	1	0	414	414	0	1.0731	1.0730	0.0000	-0.8931	-0.893	-0.0001
2023-12-28T09:18:37	4	0	53	50	3	0.9418	0.9412	-0.0006	0.9569	0.9572	-0.0003
2023-12-28T09:20:28	2	0	20	17	3	0.9701	0.9751	0.0049	-0.9352	-0.933	-0.0022
2023-12-28T09:20:30	8	0	75	67	8	1.0580	1.0578	-0.0002	-0.9988	-0.9989	0.0001
2023-12-28T09:24:30	2	0	8	8	0	1.0515	1.0512	-0.0003	0.9939	0.9937	0.0002
2023-12-28T09:24:47	3	0	64	64	0	0.9100	0.9100	0.0000	0.9943	0.9953	-0.0010
2023-12-28T09:27:49	1	0	72	71	1	1.0550	1.0547	-0.0002	0.9998	0.9998	0.0000
2023-12-28T09:29:31	3	0	35	29	6	1.0530	1.0526	-0.0005	0.998	0.998	0.0000
2023-12-28T09:31:07	1	0	10	10	0	1.0382	1.0382	0.0000	-0.9998	-0.9998	0.0000
2023-12-28T09:32:18	2	0	38	37	1	1.0508	1.0508	0.0000	-0.9998	-0.9998	0.0000
2023-12-28T09:34:04	1	0	24	24	0	1.0460	1.0459	-0.0001	1	-1	0.0000
2023-12-28T09:35:27	1	0	17	17	0	1.0487	1.0485	-0.0002	0.9685	0.9684	0.0001
2023-12-28T09:39:05	1	0	1	1	0	0.9680	0.9685	0.0005	0.9983	0.9983	0.0000
2023-12-28T09:40:48	1	0	2	0	2	0.9521	null	null	-0.9956	-0.9953	-0.0003
2023-12-28T09:42:50	2	0	101	101	0	1.0557	1.0557	0.0000	-0.9999	-0.9999	0.0000
2023-12-28T09:44:08	1	0	1	0	1	1.0550	null	null	-0.944	-0.9439	-0.0001
2023-12-28T09:45:49	2	0	2	2	0	1.0030	1.0036	0.0006	0.9945	0.9946	-0.0001
2023-12-28T09:45:53	7	0	57	56	1	1.0571	1.0561	-0.0009	0.9617	0.9627	-0.0010
2023-12-28T09:46:27	1	0	1	0	1	0.9892	null	null	-0.9861	-0.9858	-0.0003
2023-12-28T09:47:09	2	0	3	3	0	1.0323	1.0319	-0.0004	0.9925	0.9924	0.0001
2023-12-28T09:49:56	1	0	16	16	0	1.0500	1.0500	-0.0001	-0.99	-0.9903	0.0003
2023-12-28T09:50:28	1	0	16	16	0	1.0469	1.0467	-0.0002	0.9689	0.9688	0.0001
2023-12-28T09:58:28	2	0	1	1	0	1.0003	0.9998	-0.0005	-0.9851	-0.985	-0.0001
2023-12-28T09:59:10	1	0	1	1	0	1.0562	1.0559	-0.0003	-0.9394	-0.9381	-0.0013
2023-12-28T09:59:28	2	0	2	2	0	1.0327	1.0324	-0.0004	0.9973	0.9973	0.0000
2023-12-28T10:00:23	1	0	18	18	0	0.9473	0.9473	0.0000	0.9484	0.9481	0.0003

2023-12-28T10:01:28	1	0	1	1	0	0.9952	0.9955	0.0003	-0.9753	-0.9748	-0.0005
2023-12-28T10:02:20	5	0	28	24	4	1.0483	1.0475	-0.0008	-0.9999	-0.9999	0.0000
2023-12-28T10:03:28	1	0	4	4	0	1.0107	1.0106	-0.0001	0.9925	0.9923	0.0002
2023-12-28T10:04:06	1	0	18	18	0	1.0456	1.0455	-0.0001	-1	-1	0.0000
2023-12-28T10:05:33	6	0	32	26	6	1.0522	1.0536	0.0014	-0.9991	-0.9992	0.0001
2023-12-28T10:06:54	3	0	1	0	1	1.0091	null	null	0.9885	0.9883	0.0002
2023-12-28T10:08:15	1	0	2	2	0	1.0324	1.0324	0.0000	0.9999	0.9999	0.0000
2023-12-28T10:08:30	4	0	19	13	6	0.9418	0.9421	0.0004	0.9862	0.9866	-0.0004
2023-12-28T10:10:40	1	0	3	3	0	1.0103	1.0102	-0.0001	0.9744	0.9744	0.0000
2023-12-28T10:10:48	2	0	2	1	1	1.0080	1.0065	-0.0015	-0.9989	-0.9989	0.0000
2023-12-28T10:12:25	2	0	2	2	0	0.9834	0.9836	0.0002	-0.9946	-0.9945	-0.0001
2023-12-28T10:14:28	2	0	24	23	1	1.0476	1.0478	0.0002	-0.9916	-0.9917	0.0001
2023-12-28T10:14:54	3	0	41	33	8	1.0564	1.0561	-0.0003	0.991	0.9909	0.0001
2023-12-28T10:16:10	1	0	2	2	0	1.0177	1.0176	-0.0001	-0.9998	-0.9998	0.0000
2023-12-28T10:17:21	2	0	14	11	3	1.0468	1.0468	0.0000	-1	-1	0.0000
2023-12-28T10:18:40	1	0	1	0	1	1.0453	null	null	-0.9916	-0.9917	0.0001
2023-12-28T10:19:04	8	0	123	122	1	0.9359	0.9363	0.0005	0.998	0.998	0.0000
2023-12-28T10:22:47	1	0	10	10	0	1.0437	1.0437	-0.0001	-0.9935	-0.9936	0.0001
2023-12-28T10:26:50	1	0	2	2	0	1.0511	1.0507	-0.0004	0.9868	0.9866	0.0002
2023-12-28T10:29:55	1	0	42	40	2	1.0561	1.0561	0.0000	0.9911	0.9911	0.0000
2023-12-28T10:31:12	1	0	6	6	0	1.0389	1.0388	-0.0002	-0.9998	-0.9998	0.0000
2023-12-28T10:33:42	1	0	7	7	0	0.9507	0.9509	0.0002	0.9487	0.9484	0.0003
2023-12-28T10:33:55	1	0	1	1	0	1.0170	1.0167	-0.0003	0.9749	0.9748	0.0001
2023-12-28T10:34:08	4	0	11	10	1	1.0438	1.0433	-0.0006	1	1	0.0000
2023-12-28T10:34:54	5	0	7	7	0	1.0484	1.0480	-0.0004	0.9998	0.9998	0.0000
2023-12-28T10:35:31	2	0	23	22	1	1.0521	1.0518	-0.0003	0.9688	0.9687	0.0001
2023-12-28T10:35:37	6	0	119	122	-3	1.0584	1.0583	-0.0001	-0.9989	-0.9989	0.0000
2023-12-28T10:38:19	1	0	127	126	1	1.0564	1.0564	0.0000	-0.9796	-0.9795	-0.0001
2023-12-28T10:39:01	2	0	4	4	0	1.0307	1.0305	-0.0001	0.9798	0.9816	-0.0018
2023-12-28T10:39:52	2	0	66	66	0	0.9474	0.9472	-0.0002	0.9975	0.9975	0.0000
2023-12-28T10:40:28	1	0	27	24	3	1.0547	1.0544	-0.0002	0.9987	0.9987	0.0000
2023-12-28T10:42:02	1	0	5	4	1	1.0573	1.0556	-0.0017	0.9381	0.9377	0.0004
2023-12-28T10:42:27	2	0	2	2	0	0.9870	0.9872	0.0002	-0.9962	-0.9961	-0.0001
2023-12-28T10:43:50	2	0	2	2	0	1.0275	1.0272	-0.0003	0.9963	0.9962	0.0001
2023-12-28T10:44:31	4	0	17	14	3	1.0432	1.0432	-0.0001	0.9994	0.9994	0.0000
2023-12-28T10:44:56	2	0	47	46	1	1.0564	1.0564	0.0000	0.9908	0.9908	0.0000
2023-12-28T10:45:22	1	0	51	50	1	1.0495	1.0493	-0.0002	0.9939	0.9939	0.0000
2023-12-28T10:45:57	1	0	1	1	0	1.0274	1.0258	-0.0016	0.9146	0.9157	-0.0011
2023-12-28T10:48:53	1	0	3	3	0	1.0485	1.0483	-0.0001	0.9994	0.9994	0.0000
2023-12-28T10:49:09	1	0	21	21	0	1.0479	1.0478	0.0000	-1	-1	0.0000
2023-12-28T10:50:32	2	0	12	12	0	1.0477	1.0476	-0.0001	0.9639	0.9635	0.0004
2023-12-28T10:50:42	1	0	1	1	0	1.0391	1.0387	-0.0004	-0.9992	-0.9992	0.0000
2023-12-28T10:55:53	2	0	1	0	1	1.0244	null	null	-0.9953	-0.9955	0.0002
2023-12-28T10:58:19	1	0	3	2	1	1.0434	1.0422	-0.0012	0.996	0.9959	0.0001
2023-12-28T10:58:54	1	0	1	1	0	1.0348	1.0333	-0.0015	0.9983	0.9982	0.0001
2023-12-28T10:59:57	2	0	28	26	2	1.0557	1.0557	0.0000	0.991	0.9909	0.0001
2023-12-28T11:00:23	1	0	59	56	3	1.0488	1.0486	-0.0002	0.9948	0.9948	0.0000
2023-12-28T11:00:46	1	0	13	13	0	1.0470	1.0469	-0.0001	0.9948	0.9948	0.0000
2023-12-28T11:01:34	1	0	1	1	0	1.0312	1.0306	-0.0006	0.9676	0.9666	0.0010
2023-12-28T11:02:24	6	0	52	50	2	1.0560	1.0558	-0.0003	1	1	0.0000
2023-12-28T11:04:08	6	0	46	36	10	0.9472	0.9478	0.0005	0.9984	0.9985	-0.0001
2023-12-28T11:04:12	1	0	23	23	0	1.0488	1.0487	-0.0001	-1	-1	0.0000
2023-12-28T11:06:04	2	0	2	2	0	1.0666	1.0660	-0.0005	-0.9943	-0.9946	0.0003
2023-12-28T11:06:58	7	0	1	1	0	1.0395	1.0383	-0.0012	0.9866	0.9863	0.0003
2023-12-28T11:07:53	1	0	1	1	0	1.0561	1.0556	-0.0005	0.9855	0.9853	0.0002
2023-12-28T11:12:47	1	0	80	80	0	1.1469	1.1450	-0.0020	-0.9906	-0.9907	0.0001
2023-12-28T11:14:58	3	0	49	47	2	1.0559	1.0559	0.0000	0.9815	0.9813	0.0002
2023-12-28T11:15:33	1	0	40	38	2	1.0536	1.0534	-0.0002	0.999	0.9994	-0.0004
2023-12-28T11:17:39	1	0	1	1	0	1.0577	1.0566	-0.0011	0.9788	0.9786	0.0002
2023-12-28T11:18:39	1	0	1	1	0	1.0479	1.0479	0.0000	0.9953	0.9954	-0.0001
2023-12-28T11:18:55	3	0	5	5	0	1.0092	1.0096	0.0004	0.9968	0.9969	-0.0001
2023-12-28T11:19:13	3	0	17	15	2	1.0469	1.0458	-0.0011	-1	-1	0.0000
2023-12-28T11:23:12	5	0	3	2	1	1.0568	1.0566	-0.0002	-0.9937	-0.9938	0.0001
2023-12-28T11:24:38	1	0	7	7	0	1.0499	1.0498	-0.0001	0.9917	0.9914	0.0003
2023-12-28T11:24:56	4	0	2	1	1	1.0561	1.0557	-0.0004	-0.9947	-0.9949	0.0002
2023-12-28T11:24:56	1	0	21	21	0	1.0468	1.0467	-0.0001	0.9937	0.9936	0.0001
2023-12-28T11:29:33	2	0	33	32	1	1.0498	1.0496	-0.0002	-0.9907	-0.9908	0.0001
2023-12-28T11:29:34	1	0	1	1	0	1.0348	1.0348	0.0000	0.9868	0.9868	0.0000
2023-12-28T11:29:59	4	0	40	40	0	1.0560	1.0560	0.0000	0.9835	0.9835	0.0000
2023-12-28T11:31:34	2	0	3	3	0	1.0253	1.0252	-0.0001	-0.9724	-0.9726	0.0002
2023-12-28T11:32:33	1	0	795	795	0	1.0781	1.0781	0.0000	-0.9995	-0.9995	0.0000
2023-12-28T11:33:04	2	0	20	19	1	0.9774	0.9730	-0.0044	0.9539	0.9538	0.0001
2023-12-28T11:37:12	3	0	6	6	0	0.9246	0.9248	0.0002	0.9987	0.9988	-0.0001
2023-12-28T11:39:05	1	0	1	1	0	1.0287	1.0287	0.0000	0.9791	0.9791	0.0000
2023-12-28T11:39:39	2	0	6	7	-1	1.0505	1.0498	-0.0007	0.9909	0.991	-0.0001
2023-12-28T11:41:30	1	0	1	1	0	1.0582	1.0579	-0.0003	0.9929	0.9929	0.0000
2023-12-28T11:43:22	1	0	3	4	-1	1.0448	1.0450	0.0001	0.9962	0.9962	0.0000
2023-12-28T11:44:34	1	0	31	31	0	1.0495	1.0495	0.0000	-0.9914	-0.9914	0.0000
2023-12-28T11:48:31	1	0	368	369	-1	1.0683	1.0675	-0.0008	-0.9364	-0.9364	0.0000
2023-12-28T11:49:15	7	0	9	12	-3	1.0479	1.0482	0.0003	1	-1	0.0000
2023-12-28T11:59:50	1	0	2	1	1	1.0558	1.0553	-0.0005	0.9982	0.9982	0.0000
2023-12-28T12:00:27	1	0	56	55	1	1.0489	1.0488	-0.0001	0.9946	0.9946	0.0000
2023-12-28T12:01:06	1	0	14	12	2	1.0499	1.0498	-0.0001	-0.991	-0.991	0.0000
2023-12-28T12:01:36	2	0	1	2	-1	1.0623	1.0430	-0.0193	-0.9688	-0.9687	-0.0001
2023-12-28T12:09:07	1	0	1	1	0	1.0280	1.0280	0.0000	0.9809	0.9809	0.0000

2023-12-28T12:10:27	2	0	1	1	0	1.0340	1.0336	-0.0004	0.9948	0.9947	0.0001
2023-12-28T12:13:24	1	0	1	2	-1	1.0423	1.0436	0.0013	0.9962	0.9963	-0.0001
2023-12-28T12:14:43	2	0	3	3	0	1.0542	1.0540	-0.0002	0.9983	0.9982	0.0001
2023-12-28T12:19:04	2	0	1	0	1	1.0552	null	null	0.9509	0.9509	0.0000
2023-12-28T12:27:09	1	0	3	4	-1	1.0518	1.0527	0.0009	0.9294	0.9296	-0.0002
2023-12-28T12:29:37	1	0	34	34	0	1.0490	1.0490	0.0000	-0.993	-0.993	0.0000
2023-12-28T12:32:11	1	0	22	21	1	1.0492	1.0489	-0.0003	-0.9705	-0.9704	-0.0001
2023-12-28T12:51:29	2	0	2	2	0	1.0317	1.0314	-0.0003	0.9935	0.9936	-0.0001
2023-12-28T12:53:28	1	0	131	130	1	1.0559	1.0559	0.0000	-0.9811	-0.981	-0.0001
2023-12-28T13:00:35	1	0	4	4	0	1.0400	1.0398	-0.0002	0.9986	0.9986	0.0000
2023-12-28T13:03:26	1	0	4	4	0	1.0543	1.0539	-0.0004	0.9782	0.9781	0.0001
2023-12-28T13:11:02	1	0	1	1	0	1.0189	1.0186	-0.0003	-0.9884	-0.988	-0.0004
2023-12-28T13:13:36	3	0	185	178	7	1.0573	1.0572	-0.0001	0.9753	0.9689	0.0064
2023-12-28T13:41:04	1	0	3	3	0	1.0227	1.0225	-0.0002	-0.9845	-0.9844	-0.0001
2023-12-28T13:47:46	2	0	22	21	1	1.0512	1.0509	-0.0003	0.9829	0.9828	0.0001
2023-12-28T13:53:01	1	0	1	1	0	1.0296	1.0293	-0.0003	-0.9943	-0.9943	0.0000
2023-12-28T13:53:32	1	0	132	130	2	1.0566	1.0566	0.0000	-0.9825	-0.9824	-0.0001
2023-12-28T13:55:55	1	0	2	2	0	1.0310	1.0310	0.0000	0.992	0.9921	-0.0001
2023-12-28T13:59:50	2	0	2	2	0	1.0529	1.0527	-0.0002	0.9985	0.9985	0.0000
2023-12-28T14:02:04	4	0	2	0	2	1.0454	null	null	-0.9782	-0.9784	0.0002
2023-12-28T14:03:56	5	0	7	6	1	1.0525	1.0329	-0.0196	0.9617	0.9615	0.0002
2023-12-28T14:05:55	1	0	1	1	0	1.0559	1.0559	0.0000	-0.9987	-0.9987	0.0000
2023-12-28T14:08:02	1	0	5	5	0	1.0427	1.0426	-0.0001	-0.994	-0.994	0.0000
2023-12-28T14:10:06	8	0	67	66	1	0.9607	0.9512	-0.0095	0.9977	0.9977	0.0000
2023-12-28T14:11:06	1	0	1	1	0	1.0208	1.0204	-0.0004	-0.9889	-0.9888	-0.0001
2023-12-28T14:13:09	6	0	379	371	8	1.0619	1.0618	-0.0001	-1	-1	0.0000
2023-12-28T14:14:51	2	0	2	2	0	1.0525	1.0523	-0.0002	0.9981	0.9981	0.0000
2023-12-28T14:14:59	1	0	2	2	0	1.0477	1.0475	-0.0002	0.9986	0.9986	0.0000
2023-12-28T14:15:18	1	0	94	92	2	1.0548	1.0548	0.0000	0	0	0.0000
2023-12-28T14:15:40	3	0	18	17	1	0.9642	0.9584	-0.0059	0.9479	0.9478	0.0001
2023-12-28T14:16:13	1	0	1	1	0	1.0326	1.0315	-0.0011	0.9127	0.9113	0.0014
2023-12-28T14:17:05	3	0	1	1	0	1.0445	1.0442	-0.0003	-0.9814	-0.9814	0.0000
2023-12-28T14:17:26	2	0	24	24	0	1.0563	1.0563	0.0000	0.9997	0.9997	0.0000
2023-12-28T14:18:57	2	0	3	3	0	1.0169	1.0167	-0.0002	0.9604	0.9601	0.0003
2023-12-28T14:23:34	1	0	159	158	1	1.0573	1.0573	0.0000	-0.981	-0.981	0.0000
2023-12-28T14:26:07	1	0	2	2	0	1.0181	1.0178	-0.0004	-0.9874	-0.9874	0.0000
2023-12-28T14:26:41	1	0	1	1	0	1.0553	1.0553	0.0000	0.9865	0.9865	0.0000
2023-12-28T14:28:09	4	0	542	537	5	1.0645	1.0644	-0.0001	-0.9992	-0.9992	0.0000
2023-12-28T14:30:11	1	0	97	96	1	1.0569	1.0569	0.0000	0.9821	0.982	0.0001
2023-12-28T14:30:40	4	0	2	2	0	0.9741	0.9739	-0.0003	0.9855	0.9854	0.0001
2023-12-28T14:30:41	3	0	18	17	1	0.9623	0.9568	-0.0055	0.9483	0.9482	0.0001
2023-12-28T14:31:46	1	0	2	2	0	1.0429	1.0428	-0.0002	-0.9712	-0.9709	-0.0003
2023-12-28T14:32:06	7	0	1	0	1	1.0452	null	null	-0.9796	-0.9798	0.0002
2023-12-28T14:32:45	1	0	798	798	0	1.0782	1.0782	0.0000	-0.9984	-0.9984	0.0000
2023-12-28T14:33:58	4	0	24	24	0	0.9505	0.9505	0.0000	0.9492	0.9494	-0.0002
2023-12-28T14:34:26	4	0	6	6	0	1.0449	1.0448	-0.0001	0.9994	0.9994	0.0000
2023-12-28T14:35:27	2	0	8	8	0	1.0481	1.0479	-0.0001	0.9978	0.9977	0.0001
2023-12-28T14:36:20	1	0	2	2	0	1.0578	1.0576	-0.0003	-0.9968	-0.997	0.0002
2023-12-28T14:37:24	3	0	147	147	0	0.9167	0.9167	0.0001	0.997	0.997	0.0000
2023-12-28T14:39:51	2	0	8	8	0	1.0504	1.0503	-0.0001	0.9935	0.9934	0.0001
2023-12-28T14:43:10	3	0	498	496	2	1.0621	1.0621	0.0000	-1	-1	0.0000
2023-12-28T14:43:34	1	0	10	10	0	1.0450	1.0449	-0.0001	0.9961	0.9961	0.0000
2023-12-28T14:44:04	1	0	3	2	1	1.0456	1.0457	0.0000	0.9734	0.9732	0.0002
2023-12-28T14:44:53	1	0	21	21	0	1.0508	1.0508	0.0000	0.9972	0.9961	0.0011
2023-12-28T14:45:12	2	0	38	37	1	1.0559	1.0559	0.0000	0.9831	0.983	0.0001
2023-12-28T14:45:42	2	0	15	15	0	0.9694	0.9694	0.0000	0.9487	0.9487	0.0000
2023-12-28T14:46:15	6	0	5	3	2	1.0565	1.0502	-0.0063	0.9805	0.956	0.0245
2023-12-28T14:47:01	2	0	4	4	0	1.0568	1.0566	-0.0002	0.9943	0.9942	0.0001
2023-12-28T14:50:15	1	0	2	2	0	1.0366	1.0365	-0.0001	0.9853	0.9852	0.0001
2023-12-28T15:00:48	4	0	61	60	1	1.0552	1.0551	-0.0001	1	1	0.0000
2023-12-28T15:01:16	1	0	3	3	0	1.0235	1.0235	0.0000	0.9516	0.9229	0.0287
2023-12-28T15:02:08	2	0	3	3	0	1.0459	1.0458	-0.0001	-0.9803	-0.9803	0.0000
2023-12-28T15:04:28	1	0	8	8	0	1.0393	1.0392	-0.0001	0.9994	0.9992	0.0002
2023-12-28T15:08:00	4	0	12	12	0	1.0426	1.0424	-0.0002	0.9968	0.9967	0.0001
2023-12-28T15:08:06	2	0	5	5	0	1.0425	1.0423	-0.0002	-0.9943	-0.9944	0.0001
2023-12-28T15:08:37	4	0	200	195	5	1.0591	1.0590	-0.0001	-0.9789	-0.9789	0.0000
2023-12-28T15:15:43	8	0	2	2	0	1.0114	1.0096	-0.0018	0.9929	0.9924	0.0005
2023-12-28T15:20:56	1	0	30	30	0	1.0517	1.0517	-0.0001	0.9998	0.9998	0.0000
2023-12-28T15:23:01	3	0	14	11	3	1.0467	1.0490	0.0023	0.998	0.998	0.0000
2023-12-28T15:28:13	1	0	688	687	1	1.0662	1.0662	0.0000	-0.9977	-0.9976	-0.0001
2023-12-28T15:36:01	2	0	12	12	0	1.0435	1.0435	-0.0001	-0.9957	-0.9958	0.0001
2023-12-28T15:36:20	3	0	1	0	1	1.0452	null	null	0.9995	0.9995	0.0000
2023-12-28T15:38:02	3	0	17	17	0	1.0424	1.0423	0.0000	0.9977	0.9977	0.0000
2023-12-28T15:43:14	1	0	733	733	0	1.0675	1.0675	0.0000	-0.9991	-0.999	-0.0001
2023-12-28T16:11:48	1	0	5	5	0	1.0289	1.0288	-0.0001	0.9852	0.9851	0.0001
2023-12-28T16:25:16	4	0	64	64	0	0.9134	0.9134	0.0000	0.9971	0.9971	0.0000
2023-12-28T18:22:39	1	0	156	156	0	0.8965	0.8965	0.0000	0.9954	0.9961	-0.0007
2023-12-28T18:28:25	1	0	430	430	0	1.0627	1.0627	0.0000	-1	-1	0.0000
2023-12-28T18:36:03	2	0	24	24	0	0.9689	0.9696	0.0007	0.9599	0.9539	0.0060
2023-12-29T07:50:22	2	0	30	30	0	0.9428	0.9430	0.0001	-0.9136	-0.9116	-0.0020
2023-12-29T07:51:56	2	0	172	172	0	0.8957	0.8958	0.0001	0.9974	0.9974	0.0000
2023-12-29T07:58:15	2	0	477	477	0	1.0611	1.0611	0.0000	0.9951	0.995	0.0001
2023-12-29T08:00:15	1	0	21	21	0	0.9486	0.9486	0.0000	0.9679	0.9675	0.0004
2023-12-29T08:29:27	1	0	20	19	1	1.0506	1.0509	0.0003	-1	-1	0.0000
2023-12-29T08:32:17	2	0	794	794	0	1.0763	1.0763	0.0000	-0.9994	-0.9994	0.0000

2023-12-29T08:36:53	1	0	51	50	1	0.9344	0.9345	0.0001	0.9933	0.9934	-0.0001
2023-12-29T08:42:46	2	0	433	426	7	1.0623	1.0624	0.0001	-0.9922	-0.9922	0.0000
2023-12-29T08:44:28	4	0	38	29	9	1.0526	1.0521	-0.0005	1	1	0.0000
2023-12-29T08:48:35	1	0	28	27	1	0.9485	0.9488	0.0002	0.9771	0.9772	-0.0001
2023-12-29T08:57:47	2	0	495	488	7	1.0653	1.0655	0.0002	-0.997	-0.997	0.0000
2023-12-29T08:59:49	1	0	52	50	2	1.0561	1.0562	0.0000	0.9958	0.9957	0.0001
2023-12-29T09:00:19	1	0	20	20	0	0.9457	0.9457	0.0000	0.9669	0.9669	0.0000
2023-12-29T09:02:19	2	0	795	795	0	1.0770	1.0770	0.0000	-0.9988	-0.9988	0.0000
2023-12-29T09:06:55	1	0	46	46	0	0.9378	0.9384	0.0005	0.9933	0.9934	-0.0001
2023-12-29T09:07:01	2	0	105	104	1	0.9125	0.9129	0.0004	0.9978	0.9982	-0.0004
2023-12-29T09:09:58	2	0	65	65	0	0.9161	0.9162	0.0000	0.9962	0.9962	0.0000
2023-12-29T09:12:43	1	0	1	1	0	0.9986	0.9982	-0.0004	0.9989	0.999	-0.0001
2023-12-29T09:12:48	4	0	386	383	3	1.0644	1.0641	-0.0003	-0.9945	-0.9945	0.0000
2023-12-29T09:13:20	1	0	149	148	1	1.0562	1.0562	0.0000	0.979	0.979	0.0000
2023-12-29T09:15:46	2	0	26	24	2	0.9447	0.9453	0.0006	0.9947	0.9946	0.0001
2023-12-29T09:18:26	2	0	16	9	7	0.9433	0.9442	0.0009	0.994	0.994	0.0000
2023-12-29T09:20:26	1	0	16	16	0	1.0491	1.0490	-0.0001	0.9809	0.9809	0.0000
2023-12-29T09:20:28	1	0	9	9	0	0.9428	0.9432	0.0004	-0.9888	-0.9881	-0.0007
2023-12-29T09:23:15	3	0	163	162	1	1.0576	1.0576	-0.0001	-0.9737	-0.9736	-0.0001
2023-12-29T09:24:28	2	0	3	3	0	1.0470	1.0466	-0.0004	0.991	0.9907	0.0003
2023-12-29T09:25:14	2	0	9	9	0	0.9467	0.9471	0.0003	0.9806	0.9805	0.0001
2023-12-29T09:28:21	2	0	190	187	3	1.0579	1.0579	0.0000	0.9857	0.9809	0.0048
2023-12-29T09:29:07	2	0	4	2	2	0.9439	0.9444	0.0004	-0.9443	-0.9437	-0.0006
2023-12-29T09:29:31	4	0	25	23	2	1.0529	1.0520	-0.0009	0.9998	0.9998	0.0000
2023-12-29T09:31:07	1	0	11	11	0	1.0379	1.0378	0.0000	-0.9998	-0.9998	0.0000
2023-12-29T09:32:27	2	0	3	3	0	1.0340	1.0336	-0.0004	0.9752	0.9753	-0.0001
2023-12-29T09:34:04	3	0	24	22	2	1.0471	1.0472	0.0001	1	1	0.0000
2023-12-29T09:35:37	2	0	14	14	0	1.0499	1.0496	-0.0003	-0.9996	-0.9996	0.0000
2023-12-29T09:38:16	1	0	163	161	2	1.0579	1.0579	0.0000	-0.9736	-0.9735	-0.0001
2023-12-29T09:40:00	1	0	67	67	0	0.9319	0.9318	-0.0001	0.9968	0.9968	0.0000
2023-12-29T09:43:22	1	0	220	217	3	1.0578	1.0577	0.0000	0.9878	0.9876	0.0002
2023-12-29T09:44:53	4	0	41	39	2	1.0560	1.0560	0.0000	0.9955	0.9955	0.0000
2023-12-29T09:44:54	2	0	1	0	1	1.0554	null	null	0.9888	0.9888	0.0000
2023-12-29T09:45:51	8	0	67	67	0	1.0667	1.0636	-0.0031	0.9768	0.9549	0.0219
2023-12-29T09:46:09	1	0	10	10	0	1.0382	1.0381	-0.0001	-0.9994	-0.9994	0.0000
2023-12-29T09:48:43	1	0	7	7	0	1.0462	1.0461	-0.0002	-0.9968	-0.9969	0.0001
2023-12-29T09:49:05	1	0	28	28	0	1.0486	1.0485	-0.0001	1	1	0.0000
2023-12-29T09:50:28	1	0	18	18	0	1.0495	1.0493	-0.0001	0.9809	0.9808	0.0001
2023-12-29T09:50:37	2	0	3	2	1	1.0378	1.0408	0.0030	-0.9911	-0.9912	0.0001
2023-12-29T09:50:38	7	0	21	20	1	1.0527	1.0520	-0.0007	-0.9992	-0.9993	0.0001
2023-12-29T09:51:53	3	0	1	0	1	1.0123	null	null	0.9845	0.9844	0.0001
2023-12-29T09:55:38	1	0	4	4	0	1.0113	1.0111	-0.0002	0.9728	0.9746	-0.0018
2023-12-29T09:57:43	1	0	1	1	0	1.0460	1.0454	-0.0006	-0.974	-0.974	0.0000
2023-12-29T09:58:23	5	0	224	222	2	1.0578	1.0578	0.0000	0.9864	0.9862	0.0002
2023-12-29T09:58:29	2	0	1	1	0	1.0059	1.0053	-0.0006	-0.985	-0.985	0.0000
2023-12-29T09:59:33	3	0	27	25	2	1.0527	1.0524	-0.0003	0.9999	0.9999	0.0000
2023-12-29T10:02:12	2	0	8	8	0	1.0410	1.0408	-0.0002	0.9947	0.9946	0.0001
2023-12-29T10:02:20	4	0	28	26	2	1.0486	1.0477	-0.0009	-0.9999	-0.9999	0.0000
2023-12-29T10:02:29	1	0	1	1	0	1.0370	1.0368	-0.0002	0.9759	0.9758	0.0001
2023-12-29T10:03:40	1	0	9	9	0	1.0388	1.0384	-0.0004	0.9873	0.9871	0.0002
2023-12-29T10:04:01	1	0	1	1	0	1.0261	1.0257	-0.0004	-0.9945	-0.9945	0.0000
2023-12-29T10:05:09	3	0	3	3	0	1.0337	1.0334	-0.0003	0.9998	0.9997	0.0001
2023-12-29T10:05:39	4	0	31	24	7	1.0546	1.0539	-0.0007	-0.9995	-0.9996	0.0001
2023-12-29T10:06:54	2	0	1	1	0	1.0187	1.0186	-0.0001	0.9836	0.9836	0.0000
2023-12-29T10:07:38	3	0	10	10	0	1.0407	1.0404	-0.0003	0.9961	0.996	0.0001
2023-12-29T10:10:50	2	0	1	0	1	1.0215	null	null	-0.9986	-0.9987	0.0001
2023-12-29T10:12:25	2	0	2	2	0	0.9916	0.9919	0.0003	-0.9844	-0.9842	-0.0002
2023-12-29T10:13:24	1	0	221	218	3	1.0579	1.0579	0.0000	0.983	0.983	0.0000
2023-12-29T10:14:10	1	0	1	1	0	1.0601	1.0597	-0.0004	-0.9485	-0.9485	0.0000
2023-12-29T10:14:27	2	0	10	10	0	1.0451	1.0450	0.0000	-0.9996	-0.9996	0.0000
2023-12-29T10:14:55	3	0	78	77	1	1.0568	1.0566	-0.0002	0.9964	0.9964	0.0000
2023-12-29T10:15:20	1	0	73	72	1	1.0485	1.0484	-0.0001	0.995	0.995	0.0000
2023-12-29T10:15:42	2	0	12	12	0	1.0455	1.0455	0.0000	0.9995	0.9995	0.0000
2023-12-29T10:16:12	1	0	7	7	0	1.0364	1.0363	-0.0001	1	1	0.0000
2023-12-29T10:16:51	4	0	2	0	2	1.0455	null	null	-0.9839	-0.9841	0.0002
2023-12-29T10:17:21	1	0	23	23	0	1.0494	1.0492	-0.0002	1	1	0.0000
2023-12-29T10:18:50	3	0	6	6	0	1.0359	1.0361	0.0001	0.9941	0.9941	0.0000
2023-12-29T10:19:02	1	0	3	3	0	1.0299	1.0298	-0.0002	-0.9937	-0.9937	0.0000
2023-12-29T10:19:08	3	0	29	28	1	1.0503	1.0500	-0.0003	-1	-1	0.0000
2023-12-29T10:20:30	2	0	18	17	1	1.0498	1.0494	-0.0004	0.9802	0.9802	0.0000
2023-12-29T10:20:39	1	0	2	2	0	1.0347	1.0346	-0.0001	-0.9913	-0.9913	0.0000
2023-12-29T10:22:06	2	0	99	98	1	0.9175	0.9175	0.0000	0.997	0.9976	-0.0006
2023-12-29T10:24:52	2	0	2	0	2	1.0550	null	null	-0.9895	-0.9895	0.0000
2023-12-29T10:25:12	1	0	2	1	1	1.0430	1.0277	-0.0154	0.9911	0.9909	0.0002
2023-12-29T10:27:26	2	0	2	2	0	0.9929	0.9932	0.0002	-0.982	-0.9818	-0.0002
2023-12-29T10:28:50	2	0	3	3	0	1.0138	1.0137	-0.0001	0.9963	0.9963	0.0000
2023-12-29T10:29:11	1	0	6	6	0	0.9621	0.9624	0.0003	-0.9545	-0.9528	-0.0017
2023-12-29T10:31:13	1	0	11	11	0	1.0388	1.0387	-0.0001	-0.9999	-0.9999	0.0000
2023-12-29T10:32:22	3	0	34	33	1	1.0520	1.0519	-0.0001	-0.9999	-0.9999	0.0000
2023-12-29T10:33:51	1	0	10	10	0	1.0540	1.0537	-0.0004	0.9997	0.9997	0.0000
2023-12-29T10:34:03	2	0	1	1	0	1.0207	1.0199	-0.0008	-0.9943	-0.9944	0.0001
2023-12-29T10:34:08	2	0	36	33	3	1.0533	1.0537	0.0004	-1	1	0.0000
2023-12-29T10:34:56	3	0	4	4	0	1.0494	1.0486	-0.0008	0.9999	0.9998	0.0001
2023-12-29T10:34:59	1	0	9	9	0	1.0479	1.0479	0.0000	0.9943	0.9939	0.0004
2023-12-29T10:35:33	1	0	1	1	0	0.9418	0.9418	0.0000	-0.9917	-0.9916	-0.0001

2023-12-29T10:39:53	1	0	2	2	0	1.0565	1.0558	-0.0007	-0.9899	-0.9901	0.0002
2023-12-29T10:40:32	1	0	14	13	1	1.0519	1.0516	-0.0003	0.9984	0.9983	0.0001
2023-12-29T10:40:52	3	0	37	33	4	0.9416	0.9438	0.0023	-0.9995	-0.9992	-0.0003
2023-12-29T10:41:53	1	0	3	2	1	1.0408	1.0470	0.0062	0.9878	0.9877	0.0001
2023-12-29T10:43:18	1	0	11	11	0	1.0448	1.0446	-0.0002	0.9943	0.9942	0.0001
2023-12-29T10:43:53	1	0	1	1	0	1.0385	1.0372	-0.0013	-0.9949	-0.995	0.0001
2023-12-29T10:44:57	1	0	85	85	0	1.0569	1.0569	0.0000	0.996	0.996	0.0000
2023-12-29T10:45:22	1	0	73	72	1	1.0493	1.0492	-0.0001	0.9953	0.9953	0.0000
2023-12-29T10:49:09	1	0	26	26	0	1.0492	1.0492	0.0000	1	1	0.0000
2023-12-29T10:50:32	1	0	21	20	1	1.0504	1.0500	-0.0004	0.9796	0.9794	0.0002
2023-12-29T10:50:41	1	0	2	0	2	1.0443	null	null	-0.9914	-0.9914	0.0000
2023-12-29T10:51:21	2	0	4	4	0	1.0358	1.0356	-0.0001	0.9972	0.9972	0.0000
2023-12-29T10:52:53	1	0	1	1	0	1.0594	1.0590	-0.0004	0.9915	0.9914	0.0001
2023-12-29T10:53:08	4	0	2	1	1	1.0575	1.0553	-0.0022	-0.9938	-0.9939	0.0001
2023-12-29T10:55:14	1	0	2	1	1	1.0450	1.0276	-0.0173	0.9902	0.9902	0.0000
2023-12-29T10:55:53	3	0	23	23	0	0.9424	0.9426	0.0002	-0.9989	-0.9987	-0.0002
2023-12-29T10:57:55	1	0	648	647	1	1.0667	1.0667	0.0000	-0.9944	-0.9942	-0.0002
2023-12-29T10:58:27	1	0	173	169	4	1.0570	1.0569	-0.0001	0.9822	0.982	0.0002
2023-12-29T11:00:27	2	0	1	0	1	1.0135	null	null	0.9847	0.9845	0.0002
2023-12-29T11:00:45	1	0	11	11	0	1.0438	1.0437	-0.0001	0.9961	0.9961	0.0000
2023-12-29T11:00:53	1	0	2	2	0	1.0068	1.0068	0.0000	0.9949	0.9964	-0.0015
2023-12-29T11:02:24	3	0	37	34	3	1.0538	1.0532	-0.0006	1	1	0.0000
2023-12-29T11:02:36	1	0	1	1	0	1.0594	1.0583	-0.0011	0.9698	0.9739	-0.0041
2023-12-29T11:05:42	1	0	3	2	1	1.0447	1.0389	-0.0058	-0.9905	-0.9905	0.0000
2023-12-29T11:06:02	2	0	4	4	0	1.0568	1.0567	-0.0002	0.9739	0.973	0.0009
2023-12-29T11:08:08	2	0	2	2	0	1.0567	1.0563	-0.0004	-0.9946	-0.9947	0.0001
2023-12-29T11:08:22	1	0	149	148	1	1.0574	1.0573	0.0000	-0.9801	-0.98	-0.0001
2023-12-29T11:09:35	1	0	8	8	0	1.0512	1.0512	-0.0001	0.9907	0.9904	0.0003
2023-12-29T11:11:19	1	0	3	3	0	1.0224	1.0223	-0.0001	0.9798	0.9785	0.0013
2023-12-29T11:12:56	1	0	676	674	2	1.0664	1.0664	0.0000	-0.9971	-0.997	-0.0001
2023-12-29T11:13:13	1	0	3	3	0	1.0683	1.0682	-0.0001	-0.9998	-0.9998	0.0000
2023-12-29T11:13:55	5	0	2	0	2	1.0555	null	null	-0.9932	-0.9933	0.0001
2023-12-29T11:14:59	1	0	80	80	0	1.0575	1.0574	-0.0001	0.9961	0.996	0.0001
2023-12-29T11:15:28	6	0	1	0	1	1.0141	null	null	0.988	0.9874	0.0006
2023-12-29T11:16:16	2	0	14	13	1	1.0393	1.0385	-0.0008	-0.9998	-0.9998	0.0000
2023-12-29T11:16:36	1	0	4	4	0	1.0411	1.0406	-0.0005	0.9954	0.9952	0.0002
2023-12-29T11:16:54	3	0	2	2	0	1.0321	1.0316	-0.0005	0.9865	0.9958	-0.0093
2023-12-29T11:16:55	6	0	2	0	2	1.0453	null	null	-0.9839	-0.9842	0.0003
2023-12-29T11:17:25	1	0	32	32	0	1.0517	1.0515	-0.0001	-1	-1	0.0000
2023-12-29T11:18:06	2	0	17	16	1	1.0568	1.0561	-0.0007	0.956	0.9558	0.0002
2023-12-29T11:18:54	2	0	18	18	0	1.0563	1.0562	-0.0001	1	1	0.0000
2023-12-29T11:19:17	1	0	28	28	0	1.0507	1.0507	-0.0001	-1	-1	0.0000
2023-12-29T11:20:20	2	0	8	8	0	1.0499	1.0497	-0.0002	0.9983	0.9981	0.0002
2023-12-29T11:20:44	2	0	24	24	0	1.0529	1.0526	-0.0002	-0.9994	-0.9997	0.0003
2023-12-29T11:23:09	2	0	3	3	0	1.0564	1.0563	-0.0001	-0.994	-0.9941	0.0001
2023-12-29T11:23:23	1	0	161	160	1	1.0571	1.0571	0.0000	-0.9798	-0.9799	0.0001
2023-12-29T11:25:08	6	0	89	88	1	0.9863	0.9861	-0.0001	0.9982	0.9966	0.0016
2023-12-29T11:26:20	1	0	6	6	0	1.0341	1.0338	-0.0003	0.9814	0.9813	0.0001
2023-12-29T11:27:04	1	0	4	3	1	1.0539	1.0513	-0.0026	0.9439	0.9436	0.0003
2023-12-29T11:28:14	1	0	2	2	0	1.0792	1.0792	0.0000	0.9967	0.9967	0.0000
2023-12-29T11:28:15	2	0	39	38	1	1.0528	1.0528	-0.0001	0.9988	0.9988	0.0000
2023-12-29T11:28:26	1	0	434	433	1	1.0630	1.0630	0.0000	0.9825	0.9825	0.0000
2023-12-29T11:28:29	2	0	137	139	-2	1.0575	1.0575	0.0000	0.9787	0.973	0.0057
2023-12-29T11:28:52	1	0	4	4	0	1.0392	1.0392	0.0000	0.9659	0.9655	0.0004
2023-12-29T11:28:56	6	0	4	1	3	1.0562	1.0550	-0.0012	-0.9923	-0.9927	0.0004
2023-12-29T11:29:32	1	0	11	11	0	1.0472	1.0472	0.0000	-0.9985	-0.9985	0.0000
2023-12-29T11:30:25	2	0	75	74	1	1.0495	1.0494	-0.0001	0.9949	0.9949	0.0000
2023-12-29T11:30:47	2	0	1	1	0	1.0450	1.0450	0.0000	0.9876	0.9876	0.0000
2023-12-29T11:30:58	6	0	4	5	-1	1.0472	1.0501	0.0028	0.9023	0.9331	-0.0308
2023-12-29T11:31:46	2	0	1	1	0	1.0437	1.0432	-0.0005	0.994	0.994	0.0000
2023-12-29T11:31:55	1	0	1	1	0	1.0386	1.0386	0.0000	-0.9998	-0.9998	0.0000
2023-12-29T11:32:35	2	0	2	2	0	0.9735	0.9735	0.0000	0.9772	0.9772	0.0000
2023-12-29T11:33:46	2	0	5	5	0	1.0502	1.0502	-0.0001	0.9606	0.9606	0.0000
2023-12-29T11:35:21	1	0	14	14	0	1.0533	1.0533	0.0000	0.9986	0.9986	0.0000
2023-12-29T11:35:44	1	0	4	4	0	1.0478	1.0478	0.0000	-0.9899	-0.9899	0.0000
2023-12-29T11:40:17	1	0	1	1	0	1.0280	1.0280	0.0000	0.9893	0.9893	0.0000
2023-12-29T11:41:55	1	0	1	1	0	1.0608	1.0600	-0.0008	0.9933	0.9932	0.0001
2023-12-29T11:41:55	1	0	1	1	0	1.0559	1.0555	-0.0004	0.9889	0.9886	0.0003
2023-12-29T11:43:15	1	0	2	2	0	1.0847	1.0847	0.0000	0.9961	0.9961	0.0000
2023-12-29T11:43:16	1	0	50	49	1	1.0535	1.0535	-0.0001	0.9993	0.9992	0.0001
2023-12-29T11:43:30	5	0	286	284	2	1.0592	1.0592	0.0000	0.9872	0.9823	0.0049
2023-12-29T11:43:49	2	0	13	12	1	1.0530	1.0525	-0.0005	-0.9978	-0.9979	0.0001
2023-12-29T11:43:53	3	0	11	11	0	1.0466	1.0464	-0.0002	0.9686	0.9682	0.0004
2023-12-29T11:46:38	1	0	5	6	-1	1.0456	1.0464	0.0008	0.9953	0.9955	-0.0002
2023-12-29T11:46:56	1	0	1	1	0	1.0374	1.0374	0.0000	-0.9993	-0.9993	0.0000
2023-12-29T11:47:36	2	0	4	4	0	1.0008	1.0009	0.0000	0.9769	0.977	-0.0001
2023-12-29T11:48:36	1	0	1	1	0	1.0306	1.0306	0.0000	0.9928	0.9926	0.0002
2023-12-29T11:48:47	2	0	6	7	-1	1.0443	1.0398	-0.0044	0.9614	0.9616	-0.0002
2023-12-29T11:49:02	2	0	4	3	1	1.0455	1.0406	-0.0049	0.9357	0.9355	0.0002
2023-12-29T11:49:19	9	0	10	10	0	1.0480	1.0458	-0.0023	0.9987	0.9988	-0.0001
2023-12-29T11:50:22	1	0	60	59	1	1.0557	1.0557	0.0000	0.9973	0.9973	0.0000
2023-12-29T11:50:45	1	0	12	12	0	1.0457	1.0457	0.0000	-0.99	-0.99	0.0000
2023-12-29T11:50:47	2	0	4	4	0	1.0552	1.0549	-0.0002	0.9988	0.9987	0.0001
2023-12-29T11:55:09	1	0	46	46	0	1.0470	1.0470	0.0000	0.9998	0.9998	0.0000
2023-12-29T11:55:18	1	0	3	3	0	1.0410	1.0410	0.0000	0.9849	0.9849	0.0000

2023-12-29T11:55:57	6	0	5	6	-1	1.0017	0.9720	-0.0297	-0.9943	-0.995	0.0007
2023-12-29T11:57:51	2	0	81	81	0	1.0735	1.0727	-0.0009	-0.9846	-0.9937	0.0091
2023-12-29T11:59:46	1	0	21	20	1	1.0451	1.0445	-0.0005	-0.9987	-0.9987	0.0000
2023-12-29T12:00:27	2	0	91	90	1	1.0502	1.0501	-0.0001	0.9946	0.9946	0.0000
2023-12-29T12:01:00	5	0	57	57	0	1.0597	1.0594	-0.0003	0.9487	0.95	-0.0013
2023-12-29T12:01:06	1	0	15	14	1	1.0556	1.0551	-0.0005	-0.9955	-0.994	-0.0015
2023-12-29T12:01:57	1	0	1	1	0	1.0377	1.0377	0.0000	-0.9992	-0.9992	0.0000
2023-12-29T12:02:16	1	0	32	32	0	1.0493	1.0492	-0.0001	-0.9698	-0.9697	-0.0001
2023-12-29T12:02:37	2	0	2	2	0	0.9692	0.9692	0.0000	0.9789	0.979	-0.0001
2023-12-29T12:02:40	6	0	26	25	1	1.0509	1.0507	-0.0002	0.9827	0.9827	0.0000
2023-12-29T12:09:59	1	0	21	20	1	1.0485	1.0481	-0.0004	0.9939	0.9938	0.0001
2023-12-29T12:10:19	1	0	1	1	0	1.0571	1.0571	0.0000	0.9858	0.9858	0.0000
2023-12-29T12:11:23	2	0	3	4	-1	1.0437	1.0467	0.0030	0.9812	0.9813	-0.0001
2023-12-29T12:20:49	2	0	2	3	-1	1.0522	1.0533	0.0011	0.999	0.999	0.0000
2023-12-29T12:23:23	1	0	5	5	0	1.0384	1.0384	0.0000	0.9999	0.9999	0.0000
2023-12-29T12:28:56	2	0	7	7	0	1.0508	1.0508	0.0000	0.969	0.9573	0.0117
2023-12-29T12:30:51	1	0	4	5	-1	1.0456	1.0455	-0.0001	0.9874	0.9875	-0.0001
2023-12-29T12:33:39	1	0	1	1	0	1.0298	1.0298	0.0000	0.9922	0.9919	0.0003
2023-12-29T12:40:01	1	0	8	8	0	1.0560	1.0557	-0.0003	-0.9852	-0.9852	0.0000
2023-12-29T12:40:34	1	0	10	10	0	1.0472	1.0472	0.0000	0.9872	0.9873	-0.0001
2023-12-29T12:41:00	5	0	2	2	0	0.9436	0.9437	0.0001	-0.9961	-0.996	-0.0001
2023-12-29T12:42:59	1	0	11	10	1	1.0490	1.0483	-0.0007	-0.9985	-0.9985	0.0000
2023-12-29T12:43:20	1	0	1	1	0	1.0407	1.0407	0.0000	0.9735	0.9735	0.0000
2023-12-29T12:44:01	3	0	8	7	1	1.0515	1.0500	-0.0015	-0.987	-0.9869	-0.0001
2023-12-29T12:56:53	1	0	31	31	0	1.0558	1.0557	0.0000	0.9996	0.9997	-0.0001
2023-12-29T12:57:55	2	0	2	3	-1	1.0572	1.0568	-0.0004	-0.9892	-0.989	-0.0002
2023-12-29T12:59:54	1	0	3	3	0	1.0560	1.0556	-0.0005	0.9819	0.9819	0.0000
2023-12-29T13:01:43	1	0	8	8	0	1.0447	1.0446	-0.0001	0.9928	0.9929	-0.0001
2023-12-29T13:13:55	1	0	2	2	0	1.0763	1.0763	0.0000	-0.9999	-0.9999	0.0000
2023-12-29T13:26:03	1	0	1	1	0	1.0208	1.0199	-0.0009	-0.995	-0.9951	0.0001
2023-12-29T13:29:04	2	0	7	4	3	1.0448	1.0415	-0.0033	-0.9904	-0.9906	0.0002
2023-12-29T13:31:08	1	0	66	66	0	1.0698	1.0695	-0.0003	0.9474	0.9467	0.0007
2023-12-29T13:33:37	1	0	254	254	0	1.0587	1.0587	0.0000	-0.941	-0.9412	0.0002
2023-12-29T13:33:54	4	0	2	2	0	1.0182	1.0185	0.0004	0.9547	0.955	-0.0003
2023-12-29T13:50:55	2	0	2	2	0	1.0533	1.0532	-0.0001	0.9987	0.9987	0.0000
2023-12-29T13:58:04	2	0	33	32	1	1.0484	1.0482	-0.0002	-0.998	-0.9979	-0.0001
2023-12-29T14:01:47	1	0	5	6	-1	1.0453	1.0454	0.0002	0.995	0.9952	-0.0002
2023-12-29T14:03:39	1	0	172	172	0	1.0589	1.0589	0.0000	-0.9574	-0.9574	0.0000
2023-12-29T14:05:24	4	0	5	4	1	1.0529	1.0512	-0.0017	0.9819	0.9819	0.0000
2023-12-29T14:05:56	2	0	3	3	0	1.0546	1.0545	-0.0001	0.9989	0.9989	0.0000
2023-12-29T14:06:09	3	0	1	0	1	1.0554	null	null	0.9948	0.9945	0.0003
2023-12-29T14:07:31	1	0	12	12	0	1.0531	1.0531	0.0000	0.9835	0.9834	0.0001
2023-12-29T14:11:06	2	0	1	1	0	1.0223	1.0209	-0.0014	-0.9955	-0.9955	0.0000
2023-12-29T14:11:33	2	0	16	15	1	1.0520	1.0520	0.0000	0.9856	0.9856	0.0000
2023-12-29T14:11:33	1	0	2	2	0	1.0329	1.0325	-0.0004	0.995	0.9948	0.0002
2023-12-29T14:13:00	1	0	80	80	0	1.0943	1.0930	-0.0013	-0.9956	-0.993	-0.0026
2023-12-29T14:13:32	1	0	9	9	0	1.0470	1.0470	0.0000	0.9822	0.9822	0.0000
2023-12-29T14:14:08	3	0	2	2	0	1.0443	1.0437	-0.0005	-0.9894	-0.9897	0.0003
2023-12-29T14:15:40	6	0	2	3	-1	1.0085	1.0101	0.0016	0.9874	0.9872	0.0002
2023-12-29T14:16:11	3	0	3	3	0	1.0285	1.0279	-0.0006	0.9481	0.9178	0.0303
2023-12-29T14:17:17	1	0	1	0	1	1.0380	null	null	-0.9985	-0.9985	0.0000
2023-12-29T14:17:37	7	0	18	17	1	1.0486	1.0481	-0.0005	0.9984	0.9984	0.0000
2023-12-29T14:17:49	1	0	95	94	1	0.9162	0.9186	0.0024	0.9755	0.9759	-0.0004
2023-12-29T14:18:26	1	0	5	4	1	1.0509	1.0493	-0.0017	0.9701	0.97	0.0001
2023-12-29T14:18:40	1	0	241	241	0	1.0610	1.0609	0.0000	-0.9497	-0.9498	0.0001
2023-12-29T14:18:57	1	0	3	3	0	1.0536	1.0535	-0.0001	0.9618	0.9618	0.0000
2023-12-29T14:19:11	1	0	1	1	0	1.0172	1.0169	-0.0003	0.9778	0.9777	0.0001
2023-12-29T14:19:29	4	0	28	25	3	1.0526	1.0526	0.0000	0.9999	0.9998	0.0001
2023-12-29T14:20:55	3	0	27	27	0	1.0460	1.0460	0.0000	-0.9887	-0.9888	0.0001
2023-12-29T14:21:17	2	0	4	4	0	1.0528	1.0527	-0.0001	-1	-1	0.0000
2023-12-29T14:23:21	3	0	22	22	0	1.0531	1.0531	0.0000	-0.9907	-0.9907	0.0000
2023-12-29T14:23:31	5	0	12	11	1	1.0363	1.0355	-0.0008	1	1	0.0000
2023-12-29T14:26:07	3	0	1	1	0	1.0208	1.0194	-0.0014	-0.9962	-0.9962	0.0000
2023-12-29T14:26:34	1	0	7	7	0	1.0476	1.0475	-0.0001	0.9853	0.9853	0.0000
2023-12-29T14:27:06	1	0	1	1	0	1.0565	1.0563	-0.0002	0.9944	0.9944	0.0000
2023-12-29T14:27:08	1	0	1	1	0	1.0568	1.0567	-0.0001	0.9893	0.9892	0.0001
2023-12-29T14:27:08	1	0	5	5	0	1.0516	1.0513	-0.0003	0.9885	0.9883	0.0002
2023-12-29T14:28:42	2	0	204	203	1	1.0575	1.0575	0.0000	0.9732	0.973	0.0002
2023-12-29T14:29:08	1	0	1	0	1	1.0551	null	null	-0.99	-0.9901	0.0001
2023-12-29T14:29:56	1	0	30	29	1	1.0460	1.0457	-0.0004	-0.9981	-0.9981	0.0000
2023-12-29T14:30:41	8	0	3	3	0	1.0124	1.0119	-0.0005	0.9884	0.9881	0.0003
2023-12-29T14:31:12	2	0	3	3	0	1.0270	1.0267	-0.0003	0.9474	0.9186	0.0288
2023-12-29T14:31:29	1	0	15	15	0	1.0444	1.0443	-0.0001	-0.9994	-0.9994	0.0000
2023-12-29T14:31:58	1	0	3	3	0	1.0273	1.0272	-0.0001	0.9852	0.9851	0.0001
2023-12-29T14:32:09	1	0	4	4	0	1.0488	1.0488	-0.0001	-0.9784	-0.9784	0.0000
2023-12-29T14:32:18	3	0	3	3	0	1.0375	1.0370	-0.0004	-0.9999	-0.9999	0.0000
2023-12-29T14:32:38	6	0	17	17	0	1.0482	1.0481	-0.0001	0.9986	0.9986	0.0000
2023-12-29T14:33:41	1	0	276	275	1	1.0599	1.0599	0.0000	-0.9499	-0.9498	-0.0001
2023-12-29T14:33:58	1	0	4	4	0	1.0510	1.0510	0.0000	0.9644	0.9643	0.0001
2023-12-29T14:34:02	1	0	27	26	1	1.0521	1.0520	0.0000	-0.9884	-0.9884	0.0000
2023-12-29T14:34:30	3	0	27	27	0	1.0530	1.0529	0.0000	0.9996	0.9996	0.0000
2023-12-29T14:35:26	3	0	7	7	0	1.0445	1.0444	-0.0001	0.982	0.9819	0.0001
2023-12-29T14:35:56	3	0	25	24	1	1.0451	1.0450	-0.0001	-0.9884	-0.9885	0.0001
2023-12-29T14:36:11	2	0	1	1	0	1.0580	1.0571	-0.0009	0.9903	0.9895	0.0008
2023-12-29T14:37:05	1	0	10	10	0	1.0489	1.0487	-0.0002	-0.9999	-0.9999	0.0000

2023-12-29T14:38:09	1	0	4	4	0	1.0410	1.0409	-0.0002	0.9952	0.9952	0.0000
2023-12-29T14:38:22	2	0	12	12	0	1.0533	1.0533	0.0000	-0.9905	-0.9905	0.0000
2023-12-29T14:38:33	4	0	18	17	1	1.0413	1.0410	-0.0003	1	-1	0.0000
2023-12-29T14:38:38	1	0	212	211	1	1.0595	1.0595	0.0000	-0.9752	-0.9751	-0.0001
2023-12-29T14:40:43	3	0	3	3	0	1.0082	1.0081	-0.0001	1	1	0.0000
2023-12-29T14:41:20	1	0	4	4	0	1.0252	1.0252	0.0000	0.9828	0.983	-0.0002
2023-12-29T14:41:35	4	0	6	6	0	1.0408	1.0406	-0.0002	0.9837	0.9835	0.0002
2023-12-29T14:41:43	2	0	7	7	0	1.0352	1.0351	-0.0001	0.997	0.9969	0.0001
2023-12-29T14:42:07	1	0	2	2	0	1.0508	1.0508	-0.0001	0.999	0.999	0.0000
2023-12-29T14:43:43	2	0	331	330	1	1.0591	1.0591	0.0000	0.9807	0.9807	0.0000
2023-12-29T14:44:52	1	0	41	40	1	1.0548	1.0548	0.0000	0.997	0.997	0.0000
2023-12-29T14:45:42	2	0	1	1	0	1.0109	1.0108	-0.0001	0.9889	0.9888	0.0001
2023-12-29T14:46:33	2	0	1	0	1	1.0495	null	null	-0.9984	-0.9984	0.0000
2023-12-29T14:48:25	4	0	36	34	2	1.0523	1.0520	-0.0003	0.9691	0.9691	0.0000
2023-12-29T14:49:31	2	0	19	19	0	1.0510	1.0509	-0.0001	0.9996	0.9998	-0.0002
2023-12-29T14:50:58	7	0	35	33	2	1.0513	1.0513	0.0000	-0.9977	-0.9979	0.0002
2023-12-29T14:50:59	2	0	3	3	0	1.0540	1.0538	-0.0002	0.9994	0.9994	0.0000
2023-12-29T14:52:24	2	0	68	68	0	0.9264	0.9264	0.0000	0.9999	0.9999	0.0000
2023-12-29T14:53:39	4	0	240	237	3	1.0604	1.0603	-0.0001	-0.9741	-0.974	-0.0001
2023-12-29T14:56:12	2	0	1	1	0	1.0231	1.0230	-0.0001	-0.9944	-0.9943	-0.0001
2023-12-29T14:56:36	1	0	6	6	0	1.0398	1.0396	-0.0001	0.9827	0.9827	0.0000
2023-12-29T14:58:44	1	0	409	408	1	1.0602	1.0602	0.0000	0.9847	0.9847	0.0000
2023-12-29T14:59:53	2	0	38	36	2	1.0545	1.0545	0.0000	0.9972	0.9971	0.0001
2023-12-29T15:00:02	1	0	1	1	0	1.0322	1.0317	-0.0005	0.9866	0.9865	0.0001
2023-12-29T15:04:04	1	0	31	31	0	1.0532	1.0531	0.0000	-0.9884	-0.9884	0.0000
2023-12-29T15:04:09	2	0	71	70	1	1.0570	1.0570	-0.0001	0.9999	0.9999	0.0000
2023-12-29T15:06:20	1	0	2	2	0	1.0571	1.0570	-0.0001	-0.9999	-0.9999	0.0000
2023-12-29T15:12:11	1	0	1	1	0	1.0554	1.0553	-0.0001	0.9911	0.9911	0.0000
2023-12-29T15:16:35	2	0	1	1	0	1.0475	1.0472	-0.0003	-0.9988	-0.9987	-0.0001
2023-12-29T15:22:09	2	0	15	15	0	1.0458	1.0457	-0.0001	-0.9982	-0.9982	0.0000
2023-12-29T15:30:45	2	0	2	2	0	1.0112	1.0110	-0.0001	0.9951	0.9951	0.0000
2023-12-29T15:31:33	5	0	7	7	0	1.0256	1.0254	-0.0003	0.9986	0.9985	0.0001
2023-12-29T15:34:02	1	0	1	1	0	0.9436	0.9440	0.0004	0.9652	0.9653	-0.0001
2023-12-29T15:43:34	1	0	1	1	0	0.9851	0.9855	0.0004	0.9823	0.9823	0.0000
2023-12-29T15:46:04	1	0	9	9	0	1.0458	1.0458	0.0000	0.9879	0.988	-0.0001
2023-12-29T15:47:46	1	0	798	798	0	1.0778	1.0778	0.0000	-0.9983	-0.9982	-0.0001
2023-12-29T15:52:19	20	0	8	5	3	0.9995	1.0267	0.0273	0.9766	0.9777	-0.0011
2023-12-29T16:17:54	2	0	4	4	0	1.0319	1.0318	-0.0002	0.9828	0.9828	0.0000
2023-12-29T16:19:05	2	0	1	1	0	0.9778	0.9782	0.0004	0.9664	0.9665	-0.0001
2023-12-29T16:47:50	1	0	794	794	0	1.0744	1.0744	0.0000	-0.9986	-0.9986	0.0000
2023-12-29T17:33:59	1	0	45	31	14	0.9471	0.9473	0.0002	0.9915	0.9917	-0.0002
2023-12-29T18:05:47	1	0	37	32	5	0.9409	0.9414	0.0005	-0.966	0.9862	0.0478
2023-12-30T07:57:42	1	0	440	439	1	1.0658	1.0658	0.0000	0.9998	0.9999	-0.0001
2023-12-30T08:05:21	2	0	89	87	2	0.9423	0.9424	0.0001	-0.9862	-0.9855	-0.0007
2023-12-30T08:06:45	2	0	13	13	0	0.9528	0.9530	0.0002	0.9947	0.9949	-0.0002
2023-12-30T08:12:37	2	0	114	114	0	0.9399	0.9401	0.0002	0.9973	0.9973	0.0000
2023-12-30T08:17:15	2	0	748	748	0	1.0662	1.0662	0.0000	-0.99	-0.9899	-0.0001
2023-12-30T08:18:19	1	0	38	32	6	0.9485	0.9486	0.0001	0.9933	0.9932	0.0001
2023-12-30T08:25:41	2	0	1	0	1	1.0166	null	null	-0.9854	-0.9853	-0.0001
2023-12-30T08:36:47	1	0	6	6	0	1.0339	1.0338	-0.0001	0.9976	0.9976	0.0000
2023-12-30T08:36:50	1	0	2	2	0	0.9371	0.9374	0.0003	0.9986	0.9986	0.0000
2023-12-30T08:40:42	1	0	1	1	0	1.0259	1.0258	-0.0001	-0.988	-0.9877	-0.0003
2023-12-30T08:47:17	1	0	699	699	0	1.0660	1.0660	0.0000	-0.9812	-0.981	-0.0002
2023-12-30T08:52:03	2	0	12	12	0	0.9439	0.9442	0.0003	-0.9954	-0.9953	-0.0001
2023-12-30T08:54:38	1	0	3	3	0	1.0381	1.0381	0.0000	-0.9667	-0.9667	0.0000
2023-12-30T09:03:22	1	0	85	85	0	0.9437	0.9440	0.0003	0.9948	0.9947	0.0001
2023-12-30T09:03:36	1	0	9	9	0	0.9921	0.9920	-0.0001	0.9913	0.9913	0.0000
2023-12-30T09:05:25	2	0	120	117	3	0.9391	0.9393	0.0003	-0.9922	-0.9916	-0.0006
2023-12-30T09:07:04	2	0	12	12	0	0.9357	0.9447	0.0091	-0.9951	-0.995	-0.0001
2023-12-30T09:09:46	2	0	1	0	1	0.9449	null	null	-0.9937	-0.9936	-0.0001
2023-12-30T09:09:55	2	0	81	77	4	0.9034	0.9037	0.0004	0.9977	0.9971	0.0006
2023-12-30T09:12:41	2	0	116	112	4	0.9392	0.9396	0.0003	0.9967	0.9967	0.0000
2023-12-30T09:12:47	4	0	302	296	6	1.0601	1.0599	-0.0002	0.9996	0.9996	0.0000
2023-12-30T09:14:05	2	0	37	33	4	0.9399	0.9404	0.0005	-0.9629	-0.9615	-0.0014
2023-12-30T09:14:28	1	0	9	9	0	1.0464	1.0463	0.0000	1	1	0.0000
2023-12-30T09:18:23	1	0	83	83	0	0.9364	0.9366	0.0002	0.9921	0.992	0.0001
2023-12-30T09:19:21	1	0	3	3	0	1.0202	1.0200	-0.0002	0.9533	0.9531	0.0002
2023-12-30T09:20:24	1	0	7	7	0	1.0505	1.0502	-0.0002	0.9941	0.994	0.0001
2023-12-30T09:21:50	3	0	3	3	0	1.0230	1.0227	-0.0003	0.9969	0.9971	-0.0002
2023-12-30T09:24:26	2	0	4	4	0	1.0467	1.0463	-0.0005	0.9952	0.9951	0.0001
2023-12-30T09:30:47	2	0	4	4	0	1.0144	1.0146	0.0002	0.9998	0.9998	0.0000
2023-12-30T09:35:28	2	0	3	3	0	1.0348	1.0346	-0.0002	-0.9998	-0.9999	0.0001
2023-12-30T09:35:32	8	0	2	2	0	1.0107	1.0114	0.0008	1	1	0.0000
2023-12-30T09:41:19	1	0	5	5	0	1.0294	1.0293	-0.0001	0.9889	0.9888	0.0001
2023-12-30T09:42:49	2	0	356	352	4	1.0632	1.0631	0.0000	0.9996	0.9996	0.0000
2023-12-30T09:45:48	1	0	3	3	0	0.9844	0.9846	0.0001	0.9996	0.9996	0.0000
2023-12-30T09:45:50	7	0	2	2	0	1.0223	1.0211	-0.0012	0.9242	0.9466	-0.0224
2023-12-30T09:47:09	2	0	5	5	0	1.0319	1.0317	-0.0002	1	1	0.0000
2023-12-30T09:48:36	1	0	4	4	0	1.0463	1.0461	-0.0002	-0.9876	-0.9877	0.0001
2023-12-30T09:50:26	1	0	10	10	0	1.0541	1.0538	-0.0003	0.9932	0.9932	0.0000
2023-12-30T09:51:52	2	0	2	2	0	1.0320	1.0313	-0.0007	0.9979	0.9979	0.0000
2023-12-30T09:52:53	3	0	1	1	0	0.9686	0.9701	0.0015	0.9898	0.9898	0.0000
2023-12-30T09:54:58	2	0	73	69	4	0.9128	0.9046	-0.0083	0.999	0.9932	0.0058
2023-12-30T09:55:37	1	0	4	4	0	1.0205	1.0203	-0.0002	0.9793	0.9807	-0.0014
2023-12-30T09:57:44	1	0	75	74	1	0.9421	0.9424	0.0003	0.9967	0.9969	-0.0002

2023-12-30T09:57:50	1	0	400	399	1	1.0623	1.0622	0.0000	0.9995	0.9995	0.0000
2023-12-30T09:58:49	1	0	1	1	0	1.0369	1.0359	-0.0010	0.999	0.999	0.0000
2023-12-30T09:59:08	1	0	46	46	0	0.9420	0.9420	0.0000	-0.9682	-0.9673	-0.0009
2023-12-30T09:59:42	1	0	1	1	0	1.0376	1.0373	-0.0003	0.9992	0.9992	0.0000
2023-12-30T10:01:09	1	0	3	3	0	1.0230	1.0229	-0.0001	-0.9981	-0.9982	0.0001
2023-12-30T10:01:25	1	0	2	2	0	1.0071	1.0073	0.0002	-0.9748	-0.9741	-0.0007
2023-12-30T10:01:45	4	0	1	1	0	1.0408	1.0398	-0.0010	-0.9869	-0.9756	-0.0113
2023-12-30T10:02:20	5	0	4	4	0	1.0412	1.0399	-0.0013	0.9998	0.9998	0.0000
2023-12-30T10:03:40	3	0	7	7	0	1.0018	1.0019	0.0001	0.9928	0.9931	-0.0003
2023-12-30T10:09:50	5	0	44	33	11	0.9422	0.9426	0.0004	-0.9954	-0.9952	-0.0002
2023-12-30T10:11:21	2	0	2	2	0	1.0284	1.0283	-0.0002	0.9865	0.9853	0.0012
2023-12-30T10:14:25	1	0	9	9	0	1.0462	1.0462	0.0000	-0.9946	-0.9946	0.0000
2023-12-30T10:14:32	5	0	13	11	2	1.0481	1.0484	0.0003	-1	-1	0.0000
2023-12-30T10:16:09	3	0	2	2	0	1.0135	1.0133	-0.0003	-0.9988	-0.9988	0.0000
2023-12-30T10:16:26	1	0	2	2	0	1.0245	1.0242	-0.0003	-0.9716	-0.9711	-0.0005
2023-12-30T10:17:21	2	0	3	3	0	1.0394	1.0388	-0.0005	0.9996	0.9996	0.0000
2023-12-30T10:18:41	1	0	6	6	0	1.0146	1.0145	-0.0001	0.9941	0.9941	0.0000
2023-12-30T10:20:35	8	0	2	1	1	1.0094	0.9748	-0.0346	1	1	0.0000
2023-12-30T10:25:27	1	0	24	21	3	1.0539	1.0537	-0.0002	0.9982	0.9982	0.0000
2023-12-30T10:26:22	1	0	5	5	0	1.0307	1.0306	-0.0001	0.9854	0.9853	0.0001
2023-12-30T10:28:23	1	0	36	35	1	1.0523	1.0522	-0.0001	0.9999	0.9999	0.0000
2023-12-30T10:28:49	2	0	7	7	0	0.9773	0.9773	0.0000	0.9964	0.9964	0.0000
2023-12-30T10:30:34	2	0	1	1	0	1.0319	1.0315	-0.0004	-0.9944	-0.9945	0.0001
2023-12-30T10:30:53	1	0	3	3	0	1.0157	1.0157	0.0000	0.9766	0.9591	0.0175
2023-12-30T10:35:36	3	0	1	1	0	1.0466	1.0455	-0.0011	0.9999	0.9999	0.0000
2023-12-30T10:39:26	1	0	1	0	1	0.9842	null	null	0.9813	0.9813	0.0000
2023-12-30T10:40:28	1	0	15	14	1	1.0522	1.0519	-0.0003	0.998	0.998	0.0000
2023-12-30T10:43:10	1	0	3	3	0	1.0513	1.0510	-0.0002	0.9958	0.9958	0.0000
2023-12-30T10:45:54	6	0	24	23	1	1.0526	1.0554	0.0028	0.9551	0.9551	0.0000
2023-12-30T10:47:13	1	0	4	4	0	1.0111	1.0112	0.0001	0.9962	0.9962	0.0000
2023-12-30T10:47:33	1	0	1	1	0	1.0574	1.0565	-0.0009	0.9981	0.9981	0.0000
2023-12-30T10:49:11	1	0	2	2	0	1.0380	1.0377	-0.0003	-0.9972	-0.9972	0.0000
2023-12-30T10:50:11	1	0	3	3	0	1.0505	1.0504	-0.0001	0.9974	0.9973	0.0001
2023-12-30T10:50:15	3	0	3	2	1	0.9427	0.9433	0.0005	-0.9961	-0.9957	-0.0004
2023-12-30T10:50:30	1	0	11	11	0	1.0436	1.0437	0.0000	0.9919	0.992	-0.0001
2023-12-30T10:51:21	2	0	1	1	0	1.0276	1.0270	-0.0006	0.9987	0.9986	0.0001
2023-12-30T10:55:02	3	0	78	75	3	0.9223	0.9224	0.0002	0.9987	0.9976	0.0011
2023-12-30T10:55:51	6	0	43	41	2	0.9376	0.9374	-0.0002	-0.9973	-0.9975	0.0002
2023-12-30T10:56:03	1	0	49	44	5	0.9413	0.9417	0.0004	0.9825	0.9826	-0.0001
2023-12-30T10:56:24	1	0	7	7	0	1.0376	1.0375	-0.0001	0.9868	0.9868	0.0000
2023-12-30T10:56:51	1	0	1	0	1	1.0555	null	null	-0.9965	-0.9966	0.0001
2023-12-30T11:02:29	1	0	2	2	0	1.0386	1.0383	-0.0002	0.9911	0.991	0.0001
2023-12-30T11:06:01	2	0	3	3	0	1.0558	1.0553	-0.0006	-0.9931	-0.9933	0.0002
2023-12-30T11:09:15	1	0	1	0	1	0.9756	null	null	0.9999	0.9999	0.0000
2023-12-30T11:09:28	1	0	1	1	0	0.9828	0.9831	0.0003	0.9814	0.9814	0.0000
2023-12-30T11:10:30	1	0	37	36	1	1.0554	1.0551	-0.0003	0.9974	0.9974	0.0000
2023-12-30T11:11:52	1	0	1	1	0	1.0576	1.0571	-0.0005	-0.9931	-0.9944	0.0013
2023-12-30T11:13:26	2	0	39	38	1	1.0525	1.0523	-0.0002	1	1	0.0000
2023-12-30T11:15:27	2	0	1	0	1	1.0568	null	null	0.9946	0.9946	0.0000
2023-12-30T11:19:03	2	0	1	1	0	1.0200	1.0190	-0.0010	-0.9848	-0.9848	0.0000
2023-12-30T11:20:13	1	0	4	4	0	1.0383	1.0381	-0.0002	0.9956	0.9955	0.0001
2023-12-30T11:20:39	1	0	2	2	0	1.0110	1.0112	0.0002	1	1	0.0000
2023-12-30T11:21:47	5	0	4	4	0	0.9420	0.9433	0.0014	0.8376	0.8406	-0.0030
2023-12-30T11:23:08	5	0	1	0	1	1.0571	null	null	-0.976	-0.9759	-0.0001
2023-12-30T11:23:20	2	0	5	5	0	1.0519	1.0514	-0.0005	-0.9549	-0.9551	0.0002
2023-12-30T11:27:46	1	0	4	2	2	1.0574	1.0561	-0.0012	-0.9844	-0.9845	0.0001
2023-12-30T11:28:13	1	0	2	2	0	1.0811	1.0811	0.0000	0.9998	0.9998	0.0000
2023-12-30T11:29:30	1	0	6	6	0	1.0470	1.0470	0.0000	-0.9955	-0.9955	0.0000
2023-12-30T11:30:57	6	0	34	17	17	1.0538	1.0503	-0.0035	0.9551	0.9579	-0.0028
2023-12-30T11:32:26	7	0	3	4	-1	1.0420	1.0454	0.0035	0.9997	0.9997	0.0000
2023-12-30T11:36:24	1	0	1	1	0	1.0267	1.0264	-0.0003	0.9981	0.9981	0.0000
2023-12-30T11:41:54	1	0	1	1	0	1.0562	1.0561	-0.0001	-0.9924	-0.9924	0.0000
2023-12-30T11:43:28	1	0	33	33	0	1.0519	1.0519	0.0000	0.9979	0.9979	0.0000
2023-12-30T11:43:32	2	0	1	1	0	0.9907	0.9901	-0.0006	-0.9852	-0.9851	-0.0001
2023-12-30T11:45:58	5	0	2	2	0	1.0233	1.0231	-0.0002	0.9349	0.9344	0.0005
2023-12-30T11:48:47	4	0	6	7	-1	1.0263	1.0200	-0.0063	0.9826	0.9825	0.0001
2023-12-30T11:50:03	1	0	1	1	0	1.0556	1.0552	-0.0004	0.9918	0.9916	0.0002
2023-12-30T11:50:41	13	0	1	2	-1	0.9747	1.0094	0.0347	1	1	0.0000
2023-12-30T11:55:52	2	0	1	0	1	1.0004	null	null	-0.9994	-0.9994	0.0000
2023-12-30T11:58:15	1	0	2	2	0	1.0842	1.0842	0.0000	0.9999	0.9999	0.0000
2023-12-30T12:00:30	1	0	1	0	1	1.0629	null	null	0.9951	0.9951	0.0000
2023-12-30T12:02:28	6	0	6	7	-1	1.0477	1.0482	0.0005	0.9998	0.9998	0.0000
2023-12-30T12:13:30	4	0	42	40	2	1.0539	1.0538	-0.0002	0.9999	0.9999	0.0000
2023-12-30T12:23:12	4	0	4	2	2	1.0583	1.0574	-0.0009	-0.9736	-0.9739	0.0003
2023-12-30T12:48:09	3	0	11	10	1	1.0488	1.0477	-0.0011	0.9719	0.9718	0.0001
2023-12-30T12:48:51	3	0	8	9	-1	0.9493	0.9483	-0.0009	0.9669	0.9668	0.0001
2023-12-30T12:50:45	11	0	3	6	-3	1.0443	1.0451	0.0008	-0.9999	-0.9999	0.0000
2023-12-30T12:58:14	1	0	5	5	0	1.0487	1.0485	-0.0002	0.9976	0.9976	0.0000
2023-12-30T13:00:06	1	0	3	1	2	0.9447	0.9449	0.0002	0.9748	0.9747	0.0001
2023-12-30T13:01:03	4	0	2	2	0	1.0271	1.0270	-0.0002	0.937	0.9364	0.0006
2023-12-30T13:27:54	2	0	5	4	1	1.0528	1.0510	-0.0017	-0.9686	-0.9684	-0.0002
2023-12-30T13:48:55	2	0	2	2	0	1.0190	1.0194	0.0004	0.9735	0.9737	-0.0002
2023-12-30T13:50:49	1	0	7	7	0	1.0466	1.0465	-0.0001	-0.9997	-0.9997	0.0000
2023-12-30T14:03:56	2	0	2	2	0	1.0166	1.0167	0.0001	0.9692	0.9691	0.0001
2023-12-30T14:04:14	1	0	1	0	1	1.0138	null	null	-0.9844	-0.9844	0.0000

2023-12-30T14:06:58	4	0	1	1	0	0.9428	0.9428	0.0000	0.8429	0.842	0.0009
2023-12-30T14:08:11	2	0	1	0	1	1.0560	null	null	0.9895	0.9894	0.0001
2023-12-30T14:12:57	1	0	4	4	0	1.0504	1.0502	-0.0002	-0.9687	-0.9687	0.0000
2023-12-30T14:14:25	2	0	1	2	-1	1.0759	1.0655	-0.0103	-0.9449	-0.9438	-0.0011
2023-12-30T14:17:25	1	0	17	17	0	1.0524	1.0523	-0.0001	0.9942	0.9942	0.0000
2023-12-30T14:17:37	4	0	3	3	0	1.0323	1.0318	-0.0006	0.9988	0.9988	0.0000
2023-12-30T14:18:57	2	0	3	3	0	0.9536	0.9537	0.0002	0.9663	0.9665	-0.0002
2023-12-30T14:19:15	1	0	1	1	0	1.0135	1.0130	-0.0005	-0.9848	-0.9848	0.0000
2023-12-30T14:19:42	3	0	245	224	21	0.9275	0.9278	0.0003	0.9939	0.9944	-0.0005
2023-12-30T14:20:51	2	0	1	1	0	1.0456	1.0452	-0.0004	-0.9997	-0.9997	0.0000
2023-12-30T14:24:06	1	0	50	49	1	1.0504	1.0503	-0.0001	-0.9183	-0.918	-0.0003
2023-12-30T14:27:05	1	0	2	2	0	1.0536	1.0535	-0.0001	-0.9915	-0.9915	0.0000
2023-12-30T14:27:08	1	0	1	1	0	1.0291	1.0287	-0.0004	0.9877	0.9876	0.0001
2023-12-30T14:28:25	2	0	6	6	0	1.0562	1.0561	-0.0002	0.9994	0.9994	0.0000
2023-12-30T14:29:26	1	0	1	1	0	1.0708	1.0707	-0.0001	-0.9453	-0.9442	-0.0011
2023-12-30T14:30:50	7	0	2	0	2	1.0508	null	null	-0.9914	-0.9918	0.0004
2023-12-30T14:31:12	3	0	2	2	0	1.0164	1.0157	-0.0007	0.9151	0.9146	0.0005
2023-12-30T14:32:38	4	0	3	3	0	1.0368	1.0365	-0.0004	0.9987	0.9987	0.0000
2023-12-30T14:33:58	1	0	6	6	0	0.9502	0.9504	0.0001	0.9635	0.9637	-0.0002
2023-12-30T14:34:11	1	0	4	4	0	1.0516	1.0515	-0.0001	0.9983	0.9982	0.0001
2023-12-30T14:34:43	5	0	262	253	9	0.9210	0.9215	0.0004	0.9941	0.9942	-0.0001
2023-12-30T14:35:52	8	0	1	1	0	0.9770	0.9798	0.0028	-0.9999	-0.9999	0.0000
2023-12-30T14:40:17	3	0	68	67	1	0.9317	0.9203	-0.0114	0.9972	0.9972	0.0000
2023-12-30T14:42:06	1	0	2	2	0	1.0531	1.0530	-0.0001	-0.9913	-0.9913	0.0000
2023-12-30T14:42:59	1	0	3	3	0	1.0497	1.0495	-0.0002	-0.9622	-0.9621	-0.0001
2023-12-30T14:44:27	1	0	1	1	0	1.0736	1.0735	-0.0001	-0.9491	-0.9481	-0.0010
2023-12-30T14:45:51	1	0	3	3	0	1.0425	1.0425	0.0000	-0.99	-0.99	0.0000
2023-12-30T14:50:46	2	0	5	5	0	1.0444	1.0442	-0.0002	0.995	0.9948	0.0002
2023-12-30T14:50:53	1	0	2	2	0	1.0423	1.0422	-0.0001	-0.9995	-0.9995	0.0000
2023-12-30T14:52:03	3	0	4	4	0	1.0471	1.0465	-0.0006	-0.9944	-0.9945	0.0001
2023-12-30T14:52:14	23	0	4	0	4	0.9739	null	null	0.9943	0.9945	-0.0002
2023-12-30T14:52:27	7	0	5	5	0	0.9840	0.9833	-0.0007	-0.9917	-0.9925	0.0008
2023-12-30T14:52:38	2	0	2	2	0	1.0301	1.0298	-0.0003	-0.9956	-0.9956	0.0000
2023-12-30T14:53:08	1	0	1	1	0	1.0425	1.0422	-0.0003	0.9979	0.9978	0.0001
2023-12-30T14:54:09	1	0	47	45	2	1.0511	1.0509	-0.0002	-0.9245	-0.9245	0.0000
2023-12-30T14:56:07	1	0	28	27	1	0.9436	0.9409	-0.0026	-0.9924	-0.9923	-0.0001
2023-12-30T14:57:09	1	0	1	1	0	1.0266	1.0265	-0.0001	0.9891	0.9891	0.0000
2023-12-30T14:58:10	1	0	575	576	-1	1.0670	1.0670	0.0000	0.9999	0.9999	0.0000
2023-12-30T14:59:28	1	0	3	3	0	0.9862	0.9863	0.0001	-0.9499	-0.9487	-0.0012
2023-12-30T15:02:30	2	0	10	10	0	1.0338	1.0337	-0.0001	0.998	0.9979	0.0001
2023-12-30T15:04:00	1	0	4	4	0	0.9884	0.9884	-0.0001	0.9646	0.9646	0.0000
2023-12-30T15:15:42	1	0	3	3	0	1.0424	1.0423	-0.0001	0.9955	0.9963	-0.0008
2023-12-30T15:17:46	2	0	1	1	0	1.0126	1.0114	-0.0012	0.9901	0.9901	0.0000
2023-12-30T15:19:14	1	0	2	2	0	0.9845	0.9843	-0.0002	0.9997	0.9997	0.0000
2023-12-30T15:22:16	6	0	5	4	1	0.9815	0.9696	-0.0119	0.9935	0.9937	-0.0002
2023-12-30T15:26:10	1	0	2	2	0	1.0215	1.0210	-0.0005	-0.9932	-0.9932	0.0000
2023-12-30T15:26:59	1	0	41	40	1	1.0564	1.0564	0.0000	-0.9843	-0.9842	-0.0001
2023-12-30T15:30:42	3	0	1	0	1	1.0114	null	null	0.9773	0.9771	0.0002
2023-12-30T15:49:21	1	0	1	1	0	1.0154	1.0149	-0.0005	-0.9812	-0.9812	0.0000
2023-12-30T16:07:19	14	0	3	0	3	0.9587	null	null	0.9936	0.9938	-0.0002
2023-12-30T16:21:02	2	0	1	1	0	1.0372	1.0366	-0.0006	-0.9889	-0.9889	0.0000
2023-12-30T18:11:21	1	0	76	75	1	0.9398	0.9398	0.0000	-0.9977	-0.9975	-0.0002
2023-12-30T18:36:32	1	0	2	2	0	1.0380	1.0380	0.0000	-0.9988	-0.9988	0.0000
2023-12-31T07:50:24	2	0	41	38	3	0.9427	0.9427	0.0000	-0.9995	-0.9994	-0.0001
2023-12-31T07:57:44	3	0	609	607	2	1.0678	1.0678	0.0000	0.9999	0.9999	0.0000
2023-12-31T08:06:24	2	0	143	141	2	0.9350	0.9352	0.0001	0.9954	0.9955	-0.0001
2023-12-31T08:18:23	1	0	69	64	5	0.9517	0.9520	0.0003	0.9967	0.9967	0.0000
2023-12-31T08:32:20	2	0	790	790	0	1.0717	1.0716	0.0000	-0.983	-0.9828	-0.0002
2023-12-31T08:47:21	1	0	790	790	0	1.0720	1.0720	0.0000	-0.9849	-0.9847	-0.0002
2023-12-31T08:51:51	1	0	4	4	0	0.9707	0.9710	0.0002	0.9957	0.9959	-0.0002
2023-12-31T08:58:47	1	0	1	1	0	1.0308	1.0305	-0.0003	0.9991	0.9991	0.0000
2023-12-31T08:59:30	1	0	8	8	0	1.0457	1.0457	-0.0001	0.9987	0.9987	0.0000
2023-12-31T09:02:22	2	0	786	786	0	1.0718	1.0718	0.0000	-0.9851	-0.985	-0.0001
2023-12-31T09:03:37	1	0	2	2	0	1.0470	1.0467	-0.0003	-0.9862	-0.9861	-0.0001
2023-12-31T09:05:29	1	0	119	119	0	0.9371	0.9371	0.0000	0.9989	0.999	-0.0001
2023-12-31T09:06:28	2	0	351	351	0	0.9235	0.9238	0.0003	0.9935	0.9936	-0.0001
2023-12-31T09:09:48	2	0	36	32	4	0.9425	0.9429	0.0004	-0.9948	-0.996	0.0012
2023-12-31T09:12:49	4	0	528	524	4	1.0653	1.0652	-0.0001	0.9998	0.9998	0.0000
2023-12-31T09:14:07	2	0	12	12	0	0.9411	0.9418	0.0006	-0.9601	-0.9588	-0.0013
2023-12-31T09:14:53	1	0	10	10	0	0.9430	0.9429	0.0000	0.9622	0.9622	0.0000
2023-12-31T09:15:48	2	0	13	12	1	0.9470	0.9477	0.0007	0.9968	0.9968	0.0000
2023-12-31T09:19:23	1	0	5	5	0	1.0201	1.0200	-0.0001	0.9534	0.9532	0.0002
2023-12-31T09:21:29	1	0	387	387	0	0.9185	0.9186	0.0001	0.9928	0.9929	-0.0001
2023-12-31T09:24:29	2	0	3	3	0	1.0450	1.0446	-0.0004	0.9977	0.9975	0.0002
2023-12-31T09:31:08	1	0	3	3	0	1.0256	1.0255	-0.0001	-0.9964	-0.9964	0.0000
2023-12-31T09:35:29	1	0	7	7	0	1.0478	1.0474	-0.0003	0.9902	0.9902	0.0000
2023-12-31T09:35:32	8	0	2	2	0	1.0073	1.0081	0.0008	-1	-1	0.0000
2023-12-31T09:36:30	1	0	316	316	0	0.9216	0.9216	0.0000	0.9929	0.993	-0.0001
2023-12-31T09:41:22	1	0	8	8	0	1.0251	1.0250	-0.0001	0.9834	0.9834	0.0000
2023-12-31T09:45:21	1	0	98	97	1	1.0529	1.0528	0.0000	-0.9989	-0.9989	0.0000
2023-12-31T09:47:10	2	0	4	4	0	1.0234	1.0231	-0.0003	0.9983	0.9983	0.0000
2023-12-31T09:48:40	2	0	7	5	2	1.0469	1.0468	-0.0001	-0.9865	-0.9869	0.0004
2023-12-31T09:48:59	1	0	2	2	0	1.0211	1.0210	-0.0002	-0.9776	-0.9776	0.0000
2023-12-31T09:50:33	4	0	3	2	1	1.0455	1.0445	-0.0010	-1	-1	0.0000
2023-12-31T09:51:55	16	0	3	3	0	1.0215	1.0201	-0.0014	0.9982	0.9982	0.0000

2023-12-31T09:55:40	1	0	4	4	0	1.0148	1.0147	-0.0001	0.9894	0.9882	0.0012
2023-12-31T09:57:26	2	0	1	1	0	0.9728	0.9733	0.0005	-0.9914	-0.9913	-0.0001
2023-12-31T10:00:22	1	0	105	103	2	1.0525	1.0524	-0.0001	-0.9991	-0.9991	0.0000
2023-12-31T10:00:24	1	0	1	1	0	1.0250	1.0247	-0.0003	0.9983	0.9983	0.0000
2023-12-31T10:02:21	5	0	4	4	0	1.0427	1.0414	-0.0013	-1	-1	0.0000
2023-12-31T10:05:31	1	0	4	4	0	1.0421	1.0421	-0.0001	0.9896	0.9895	0.0001
2023-12-31T10:09:52	5	0	28	19	9	0.9426	0.9429	0.0003	-0.9941	-0.9938	-0.0003
2023-12-31T10:10:01	2	0	70	70	0	0.9021	0.9023	0.0002	0.9981	0.998	0.0001
2023-12-31T10:10:25	1	0	60	59	1	1.0523	1.0523	0.0000	0.9956	0.9956	0.0000
2023-12-31T10:11:02	1	0	2	2	0	0.9798	0.9800	0.0001	0.9844	0.9844	0.0000
2023-12-31T10:11:24	2	0	8	8	0	1.0355	1.0355	-0.0001	0.9873	0.9872	0.0001
2023-12-31T10:14:29	1	0	8	8	0	1.0455	1.0454	0.0000	-0.9919	-0.992	0.0001
2023-12-31T10:14:35	5	0	12	11	1	1.0488	1.0488	0.0000	0.9981	0.9981	0.0000
2023-12-31T10:16:13	3	0	2	2	0	1.0183	1.0179	-0.0003	-0.9979	-0.9979	0.0000
2023-12-31T10:20:35	4	0	6	6	0	1.0458	1.0455	-0.0003	-1	-1	0.0000
2023-12-31T10:21:33	1	0	381	380	1	0.9238	0.9240	0.0002	0.9926	0.9927	-0.0001
2023-12-31T10:22:58	2	0	1	1	0	0.9665	0.9665	0.0000	0.9767	0.9769	-0.0002
2023-12-31T10:24:15	2	0	1	1	0	1.0068	1.0053	-0.0015	-0.9986	-0.9986	0.0000
2023-12-31T10:25:26	1	0	69	68	1	1.0526	1.0526	0.0000	0.9952	0.9952	0.0000
2023-12-31T10:26:25	1	0	8	8	0	1.0408	1.0408	-0.0001	0.9882	0.9881	0.0001
2023-12-31T10:27:28	2	0	2	2	0	0.9561	0.9566	0.0005	-0.9917	-0.9916	-0.0001
2023-12-31T10:28:30	2	0	1	1	0	0.9904	0.9900	-0.0004	-0.9807	-0.9805	-0.0002
2023-12-31T10:28:50	2	0	11	11	0	0.9634	0.9634	0.0000	0.9963	0.9962	0.0001
2023-12-31T10:31:48	4	0	1	1	0	1.0401	1.0388	-0.0013	-0.9883	-0.978	-0.0103
2023-12-31T10:32:23	2	0	3	3	0	1.0423	1.0417	-0.0006	-0.9999	-1	0.0001
2023-12-31T10:32:30	1	0	2	2	0	0.9440	0.9443	0.0003	0.9897	0.9898	-0.0001
2023-12-31T10:33:47	1	0	11	11	0	1.0323	1.0323	-0.0001	0.9898	0.9899	-0.0001
2023-12-31T10:35:12	1	0	8	8	0	1.0479	1.0478	-0.0001	0.997	0.9969	0.0001
2023-12-31T10:35:33	1	0	18	18	0	1.0373	1.0373	0.0001	0.9899	0.99	-0.0001
2023-12-31T10:35:36	4	0	1	0	1	0.9789	null	null	-1	-1	0.0000
2023-12-31T10:40:28	1	0	23	22	1	1.0543	1.0541	-0.0002	0.9987	0.9987	0.0000
2023-12-31T10:41:26	1	0	10	10	0	1.0394	1.0393	-0.0001	0.9885	0.9885	0.0000
2023-12-31T10:44:21	2	0	13	13	0	1.0458	1.0456	-0.0002	0.9965	0.9964	0.0001
2023-12-31T10:45:56	9	0	19	13	6	1.0515	1.0419	-0.0096	0.9875	0.9878	-0.0003
2023-12-31T10:47:31	1	0	2	1	1	1.0515	1.0361	-0.0154	0.9901	0.9901	0.0000
2023-12-31T10:48:53	1	0	2	2	0	1.0472	1.0470	-0.0002	-1	-1	0.0000
2023-12-31T10:49:08	1	0	2	2	0	1.0364	1.0362	-0.0002	-0.9866	-0.9866	0.0000
2023-12-31T10:49:11	1	0	3	3	0	1.0396	1.0393	-0.0003	-0.9986	-0.9986	0.0000
2023-12-31T10:50:13	1	0	5	5	0	1.0440	1.0440	0.0000	0.9952	0.995	0.0002
2023-12-31T10:50:36	1	0	131	130	1	0.9344	0.9344	0.0000	0.9974	0.9975	-0.0001
2023-12-31T10:50:37	1	0	1	1	0	0.9778	0.9779	0.0001	-1	-1	0.0000
2023-12-31T10:51:25	2	0	6	6	0	1.0316	1.0315	-0.0001	0.9994	0.9995	-0.0001
2023-12-31T10:51:50	3	0	4	4	0	1.0401	1.0398	-0.0004	-0.9947	-0.9949	0.0002
2023-12-31T10:56:54	1	0	1	0	1	1.0555	null	null	-0.9854	-0.9874	0.0020
2023-12-31T11:00:28	2	0	1	0	1	1.0558	null	null	0.9985	0.9985	0.0000
2023-12-31T11:01:35	1	0	7	7	0	1.0404	1.0399	-0.0005	0.9971	0.9971	0.0000
2023-12-31T11:02:38	1	0	2	2	0	1.0573	1.0568	-0.0006	0.9998	0.999	0.0008
2023-12-31T11:03:04	2	0	6	5	1	1.0513	1.0498	-0.0015	0.9761	0.9761	0.0000
2023-12-31T11:03:34	1	0	87	87	0	0.9303	0.9304	0.0001	0.992	0.9919	0.0001
2023-12-31T11:03:49	3	0	7	7	0	1.0438	1.0436	-0.0002	0.9895	0.9892	0.0003
2023-12-31T11:04:17	4	0	4	4	0	1.0419	1.0416	-0.0003	-0.9982	-0.9983	0.0001
2023-12-31T11:05:18	3	0	2	1	1	0.9433	0.9437	0.0004	-0.9953	-0.9948	-0.0005
2023-12-31T11:06:03	2	0	4	4	0	1.0571	1.0570	-0.0002	-0.9875	-0.9878	0.0003
2023-12-31T11:07:00	11	0	5	5	0	1.0335	1.0327	-0.0008	0.9973	0.9971	0.0002
2023-12-31T11:07:54	1	0	1	0	1	1.0423	null	null	0.9989	0.9989	0.0000
2023-12-31T11:10:54	5	0	40	39	1	0.9355	0.9367	0.0012	-0.9954	-0.9946	-0.0008
2023-12-31T11:14:16	1	0	13	13	0	0.9511	0.9514	0.0004	-0.9623	-0.9609	-0.0014
2023-12-31T11:14:33	1	0	9	9	0	1.0464	1.0464	0.0000	-0.9924	-0.9924	0.0000
2023-12-31T11:15:29	1	0	1	1	0	1.0652	1.0576	-0.0076	0.9983	0.9983	0.0000
2023-12-31T11:16:48	2	0	2	2	0	1.0328	1.0325	-0.0003	-0.9992	-0.9993	0.0001
2023-12-31T11:19:05	1	0	1	1	0	1.0185	1.0181	-0.0004	-0.9832	-0.9832	0.0000
2023-12-31T11:26:56	1	0	2	2	0	1.0513	1.0511	-0.0003	-0.9863	-0.9863	0.0000
2023-12-31T11:29:34	1	0	10	10	0	1.0480	1.0480	0.0000	-0.9928	-0.9928	0.0000
2023-12-31T11:30:02	2	0	1	0	1	1.0126	null	null	0.9684	0.9684	0.0000
2023-12-31T11:32:04	1	0	1	1	0	1.0403	1.0396	-0.0007	-0.9998	-0.9998	0.0000
2023-12-31T11:34:02	2	0	1	0	1	1.0552	null	null	0.9634	0.9634	0.0000
2023-12-31T11:35:40	15	0	2	3	-1	1.0058	1.0187	0.0129	-1	-1	0.0000
2023-12-31T11:41:57	1	0	1	1	0	1.0454	1.0454	0.0000	-0.9856	-0.9855	-0.0001
2023-12-31T11:43:58	1	0	1	0	1	1.0569	null	null	0.9986	0.9986	0.0000
2023-12-31T11:45:31	1	0	1	1	0	1.0211	1.0211	0.0000	0.9981	0.9982	-0.0001
2023-12-31T11:46:00	7	0	57	39	18	1.0590	1.0543	-0.0047	0.9927	0.9816	0.0111
2023-12-31T11:47:05	1	0	1	0	1	1.0416	null	null	-0.9999	-0.9999	0.0000
2023-12-31T11:49:18	1	0	1	1	0	1.0390	1.0390	0.0000	-0.9887	-0.9886	-0.0001
2023-12-31T11:49:33	1	0	3	4	-1	1.0454	1.0480	0.0027	0.9895	0.9897	-0.0002
2023-12-31T11:50:05	1	0	3	3	0	1.0492	1.0491	-0.0001	0.9945	0.9943	0.0002
2023-12-31T11:50:38	3	0	6	7	-1	1.0464	1.0469	0.0005	0.9878	0.9878	0.0000
2023-12-31T11:50:41	12	0	2	3	-1	1.0438	1.0214	-0.0224	-1	-1	0.0000
2023-12-31T11:53:25	1	0	62	61	1	1.0525	1.0525	0.0000	-0.9757	-0.9754	-0.0003
2023-12-31T12:16:02	7	0	4	4	0	1.0492	1.0491	-0.0001	0.9877	0.9878	-0.0001
2023-12-31T12:20:07	1	0	1	1	0	1.0452	1.0452	0.0000	0.9972	0.9973	-0.0001
2023-12-31T12:20:40	3	0	1	2	-1	0.9556	0.9499	-0.0057	0.9894	0.9859	0.0035
2023-12-31T12:27:08	1	0	12	12	0	1.0548	1.0543	-0.0005	0.9913	0.9912	0.0001
2023-12-31T12:38:25	1	0	1	1	0	1.0194	1.0194	0.0000	-0.9996	-0.9995	-0.0001
2023-12-31T12:44:20	1	0	10	10	0	1.0522	1.0521	-0.0001	0.999	0.999	0.0000
2023-12-31T12:48:45	1	0	7	7	0	1.0461	1.0461	0.0000	-0.9998	-0.9998	0.0000

2023-12-31T12:59:21	1	0	17	13	4	1.0528	1.0526	-0.0003	0.9989	0.9989	0.0000
2023-12-31T13:00:08	2	0	6	6	0	0.9672	0.9670	-0.0003	0.9692	0.9691	0.0001
2023-12-31T13:01:42	1	0	1	1	0	0.9915	0.9921	0.0006	-0.9677	-0.9669	-0.0008
2023-12-31T13:15:07	1	0	1	0	1	1.0554	null	null	-0.9997	-0.9997	0.0000
2023-12-31T13:44:56	1	0	12	11	1	1.0465	1.0457	-0.0008	-0.9945	-0.9945	0.0000
2023-12-31T13:53:20	4	0	5	4	1	1.0577	1.0573	-0.0004	-0.9835	-0.9836	0.0001
2023-12-31T14:00:38	2	0	174	172	2	1.0542	1.0542	0.0000	-0.9995	-0.9991	-0.0004
2023-12-31T14:01:10	1	0	2	2	0	1.0169	1.0168	-0.0001	0.914	0.9134	0.0006
2023-12-31T14:05:15	1	0	1	1	0	1.0554	1.0552	-0.0002	0.9978	0.9977	0.0001
2023-12-31T14:05:30	2	0	4	6	-2	0.9431	0.9434	0.0003	-0.9967	-0.9968	0.0001
2023-12-31T14:05:47	1	0	5	5	0	1.0467	1.0465	-0.0001	0.9913	0.9913	0.0000
2023-12-31T14:07:14	10	0	3	3	0	0.9512	0.9563	0.0051	0.989	0.9899	-0.0009
2023-12-31T14:14:35	2	0	1	1	0	1.0431	1.0431	0.0000	0.9961	0.9961	0.0000
2023-12-31T14:16:11	2	0	2	2	0	1.0194	1.0191	-0.0004	0.9137	0.9127	0.0010
2023-12-31T14:17:45	2	0	2	1	1	1.0253	1.0346	0.0093	0.9895	0.9895	0.0000
2023-12-31T14:19:12	1	0	1	1	0	1.0292	1.0289	-0.0003	-0.9999	-0.9999	0.0000
2023-12-31T14:20:51	1	0	2	2	0	1.0430	1.0429	-0.0002	-0.9999	-0.9999	0.0000
2023-12-31T14:21:19	2	0	4	4	0	1.0512	1.0510	-0.0002	1	1	0.0000
2023-12-31T14:28:27	1	0	2	2	0	1.0684	1.0683	-0.0002	0.9983	0.9982	0.0001
2023-12-31T14:29:09	1	0	1	1	0	1.0380	1.0377	-0.0003	0.9985	0.9985	0.0000
2023-12-31T14:30:01	1	0	1	1	0	1.0333	1.0328	-0.0005	0.9999	0.9999	0.0000
2023-12-31T14:31:48	1	0	1	0	1	1.0255	null	null	-0.9665	-0.9659	-0.0006
2023-12-31T14:32:46	2	0	1	1	0	1.0150	1.0148	-0.0002	0.9897	0.9897	0.0000
2023-12-31T14:34:03	1	0	13	13	0	1.0446	1.0446	0.0000	0.9905	0.9905	0.0000
2023-12-31T14:34:13	1	0	1	1	0	1.0311	1.0310	-0.0001	1	1	0.0000
2023-12-31T14:35:32	2	0	19	16	3	0.9420	0.9419	-0.0001	-0.9969	-0.9967	-0.0002
2023-12-31T14:35:49	1	0	9	9	0	1.0491	1.0489	-0.0002	0.9925	0.9924	0.0001
2023-12-31T14:36:50	3	0	391	390	1	0.9227	0.9226	0.0000	0.9917	0.9919	-0.0002
2023-12-31T14:37:06	3	0	1	1	0	1.0312	1.0306	-0.0006	0.9754	0.9743	0.0011
2023-12-31T14:37:16	4	0	19	12	7	0.9530	0.9588	0.0058	0.9902	0.9908	-0.0006
2023-12-31T14:38:00	1	0	4	4	0	1.0500	1.0499	-0.0001	0.9997	0.9997	0.0000
2023-12-31T14:38:08	1	0	1	1	0	1.0556	1.0552	-0.0004	0.9989	0.9989	0.0000
2023-12-31T14:38:11	1	0	4	4	0	1.0423	1.0420	-0.0003	-0.9999	-0.9999	0.0000
2023-12-31T14:40:44	1	0	93	90	3	1.0573	1.0572	-0.0001	0.9992	0.9992	0.0000
2023-12-31T14:44:55	1	0	12	11	1	1.0495	1.0498	0.0004	0.9983	0.9983	0.0000
2023-12-31T14:47:32	2	0	5	5	0	1.0246	1.0244	-0.0002	0.9986	0.9985	0.0001
2023-12-31T14:51:42	3	0	12	12	0	1.0351	1.0350	-0.0001	0.9994	0.9994	0.0000
2023-12-31T14:53:37	3	0	113	111	2	1.0563	1.0560	-0.0003	-0.9792	-0.9756	-0.0036
2023-12-31T14:55:13	1	0	1	1	0	0.9444	0.9445	0.0001	-0.995	-0.995	0.0000
2023-12-31T14:55:20	2	0	69	69	0	0.9235	0.9234	-0.0001	0.9982	0.9976	0.0006
2023-12-31T14:58:30	2	0	32	31	1	1.0513	1.0512	-0.0001	1	1	0.0000
2023-12-31T14:59:11	1	0	1	1	0	1.0353	1.0352	-0.0001	0.9979	0.9979	0.0000
2023-12-31T15:00:03	1	0	1	1	0	1.0330	1.0330	0.0000	0.9999	0.9999	0.0000
2023-12-31T15:05:54	11	0	7	7	0	1.0362	1.0363	0.0001	-0.9999	-0.9999	0.0000
2023-12-31T15:06:52	1	0	387	387	0	0.9176	0.9178	0.0002	0.9926	0.9925	0.0001
2023-12-31T15:15:06	1	0	2	2	0	1.0374	1.0373	-0.0002	-1	-1	0.0000
2023-12-31T15:16:51	2	0	3	3	0	1.0143	1.0141	-0.0002	-0.9662	-0.9657	-0.0005
2023-12-31T15:31:16	1	0	3	3	0	1.0223	1.0223	0.0000	0.9169	0.9167	0.0002
2023-12-31T15:35:32	4	0	4	4	0	1.0321	1.0312	-0.0008	0.9986	0.999	-0.0004
2023-12-31T15:35:53	1	0	39	39	0	0.9535	0.9538	0.0004	0.9906	0.9869	0.0037
2023-12-31T15:36:54	1	0	392	391	1	0.9227	0.9227	0.0000	0.992	0.992	0.0000
2023-12-31T15:51:55	1	0	394	394	0	0.9161	0.9161	0.0000	0.9915	0.9916	-0.0001
2023-12-31T15:52:21	22	0	5	2	3	0.9872	0.9998	0.0126	0.9919	0.9923	-0.0004
2023-12-31T16:05:58	7	0	3	3	0	1.0212	1.0214	0.0002	1	1	0.0000
2023-12-31T16:10:25	2	0	66	65	1	0.9032	0.8973	-0.0059	0.9996	0.9961	0.0035
2023-12-31T17:07:37	2	0	5	5	0	0.9274	0.9276	0.0003	-0.9965	-0.9964	-0.0001
2023-12-31T17:26:20	1	0	89	88	1	0.9347	0.9348	0.0001	-0.9987	-0.9986	-0.0001
2023-12-31T18:46:24	2	0	8	8	0	1.0464	1.0464	0.0000	-0.9994	-0.9993	-0.0001
2024-01-01T07:50:17	2	0	35	33	2	0.9417	0.9416	-0.0001	0.9974	0.9976	-0.0002
2024-01-01T07:57:38	2	0	551	550	1	1.0677	1.0677	0.0000	0.9999	0.9999	0.0000
2024-01-01T08:10:37	2	0	1	1	0	1.0193	1.0186	-0.0007	-0.9901	-0.99	-0.0001
2024-01-01T08:12:33	2	0	126	126	0	0.9370	0.9372	0.0002	0.9956	0.9957	-0.0001
2024-01-01T08:18:20	1	0	94	93	1	0.9631	0.9633	0.0002	0.9947	0.9946	0.0001
2024-01-01T08:29:22	1	0	15	14	1	1.0506	1.0510	0.0004	0.9983	0.9983	0.0000
2024-01-01T08:32:12	2	0	795	795	0	1.0787	1.0787	0.0000	-0.9974	-0.9973	-0.0001
2024-01-01T08:43:40	2	0	2	2	0	1.0255	1.0250	-0.0006	0.9992	0.9992	0.0000
2024-01-01T08:55:40	1	0	33	34	-1	0.9409	0.9429	0.0020	-0.9966	-0.9963	-0.0003
2024-01-01T08:58:41	1	0	1	0	1	1.0329	null	null	0.9993	0.9993	0.0000
2024-01-01T09:05:22	2	0	40	35	5	0.9411	0.9413	0.0002	0.9984	0.9984	0.0000
2024-01-01T09:09:42	2	0	29	23	6	0.9427	0.9429	0.0002	-0.9954	-0.9954	0.0000
2024-01-01T09:12:43	4	0	407	391	16	1.0632	1.0630	-0.0002	0.9993	0.9992	0.0001
2024-01-01T09:14:25	1	0	10	10	0	1.0508	1.0508	0.0000	0.9982	0.9982	0.0000
2024-01-01T09:17:15	3	0	805	805	0	1.0833	1.0833	0.0000	-0.9982	-0.9982	0.0000
2024-01-01T09:18:24	1	0	21	19	2	0.9520	0.9536	0.0016	0.9945	0.9943	0.0002
2024-01-01T09:18:34	1	0	12	12	0	1.0349	1.0349	0.0000	0.992	0.9889	0.0031
2024-01-01T09:19:17	1	0	5	5	0	1.0172	1.0171	-0.0001	0.9137	0.9134	0.0003
2024-01-01T09:20:21	1	0	20	19	1	1.0493	1.0490	-0.0002	0.9905	0.9905	0.0000
2024-01-01T09:21:47	4	0	5	5	0	0.9790	0.9798	0.0008	0.9884	0.9885	-0.0001
2024-01-01T09:21:49	1	0	1	1	0	0.9429	0.9436	0.0007	-0.9994	-0.9992	-0.0002
2024-01-01T09:24:23	2	0	5	5	0	1.0488	1.0483	-0.0005	0.9947	0.9945	0.0002
2024-01-01T09:29:52	1	0	27	26	1	1.0548	1.0548	0.0000	0.9898	0.9898	0.0000
2024-01-01T09:29:54	1	0	20	14	6	0.9435	0.9432	-0.0003	0.9614	0.9614	0.0000
2024-01-01T09:35:22	1	0	39	34	5	1.0540	1.0534	-0.0006	0.9914	0.9914	0.0000
2024-01-01T09:35:27	8	0	9	9	0	1.0376	1.0379	0.0002	0.9999	0.9998	0.0001
2024-01-01T09:40:20	2	0	94	89	5	1.0566	1.0565	-0.0002	0.9992	0.9992	0.0000

2024-01-01T09:41:09	1	0	6	6	0	1.0294	1.0294	0.0000	0.9836	0.9835	0.0001
2024-01-01T09:42:39	2	0	59	54	5	0.9434	0.9433	-0.0001	0.9951	0.9952	-0.0001
2024-01-01T09:43:17	1	0	34	34	0	1.0526	1.0526	0.0000	0.9987	0.9986	0.0001
2024-01-01T09:45:43	2	0	1	1	0	0.9757	0.9766	0.0009	0.9989	0.999	-0.0001
2024-01-01T09:46:03	1	0	3	3	0	1.0232	1.0231	-0.0001	1	1	0.0000
2024-01-01T09:46:23	1	0	1	1	0	0.9901	0.9904	0.0003	-0.9801	-0.9796	-0.0005
2024-01-01T09:47:04	2	0	3	3	0	1.0281	1.0278	-0.0003	0.9964	0.9963	0.0001
2024-01-01T09:48:35	1	0	2	0	2	1.0458	null	null	-0.9844	-0.9848	0.0004
2024-01-01T09:50:28	5	0	11	10	1	1.0384	1.0368	-0.0016	0.9998	0.9998	0.0000
2024-01-01T09:51:49	17	0	4	4	0	0.9659	0.9689	0.0030	0.9892	0.9895	-0.0003
2024-01-01T09:54:55	4	0	89	88	1	0.9087	0.9088	0.0001	0.9915	0.9913	0.0002
2024-01-01T09:57:46	1	0	299	291	8	1.0613	1.0611	-0.0001	0.9984	0.9984	0.0000
2024-01-01T09:59:28	5	0	13	11	2	1.0497	1.0494	-0.0003	0.997	0.9959	0.0011
2024-01-01T09:59:54	1	0	25	24	1	1.0552	1.0550	-0.0002	0.9899	0.9898	0.0001
2024-01-01T10:00:18	2	0	1	0	1	1.0554	null	null	0.9945	0.9945	0.0000
2024-01-01T10:00:47	1	0	1	1	0	1.0334	1.0330	-0.0004	0.9773	0.977	0.0003
2024-01-01T10:02:15	4	0	3	3	0	1.0404	1.0391	-0.0013	-0.9998	-0.9998	0.0000
2024-01-01T10:03:36	2	0	8	6	2	1.0463	1.0463	0.0000	-0.984	-0.9874	0.0034
2024-01-01T10:09:46	7	0	100	88	12	0.9379	0.9369	-0.0010	-0.9972	-0.997	-0.0002
2024-01-01T10:09:56	3	0	322	71	251	0.9028	0.9046	0.0018	0.9942	0.9904	0.0038
2024-01-01T10:10:45	1	0	18	17	1	0.9434	0.9435	0.0000	-0.9975	-0.9962	-0.0013
2024-01-01T10:10:56	1	0	2	2	0	0.9813	0.9815	0.0002	0.9842	0.9842	0.0000
2024-01-01T10:14:06	3	0	6	3	3	0.9578	0.9729	0.0150	-0.9691	-0.9677	-0.0014
2024-01-01T10:14:22	1	0	11	11	0	1.0444	1.0443	0.0000	-0.9986	-0.9987	0.0001
2024-01-01T10:14:49	1	0	1	1	0	1.0323	1.0319	-0.0004	0.9993	0.9993	0.0000
2024-01-01T10:14:55	5	0	40	37	3	1.0562	1.0562	0.0000	0.9906	0.9905	0.0001
2024-01-01T10:16:07	2	0	3	3	0	1.0185	1.0183	-0.0002	1	1	0.0000
2024-01-01T10:16:09	2	0	1	1	0	1.0462	1.0454	-0.0008	-1	-1	0.0000
2024-01-01T10:17:16	2	0	3	3	0	1.0382	1.0376	-0.0006	-1	-1	0.0000
2024-01-01T10:18:37	1	0	7	7	0	1.0501	1.0495	-0.0006	-0.9817	-0.9908	0.0091
2024-01-01T10:20:10	3	0	2	2	0	0.9428	0.9439	0.0011	-0.9972	-0.9969	-0.0003
2024-01-01T10:26:12	3	0	6	6	0	1.0283	1.0281	-0.0002	0.9842	0.984	0.0002
2024-01-01T10:27:42	1	0	86	82	4	0.9372	0.9372	0.0000	0.9945	0.9948	-0.0003
2024-01-01T10:28:45	2	0	5	5	0	0.9888	0.9886	-0.0002	0.9929	0.9929	0.0000
2024-01-01T10:29:07	1	0	4	4	0	0.9947	0.9946	-0.0001	-0.9722	-0.9723	0.0001
2024-01-01T10:29:30	1	0	13	13	0	1.0504	1.0504	0.0000	0.9984	0.9978	0.0006
2024-01-01T10:29:51	1	0	4	4	0	1.0387	1.0386	-0.0001	-0.9993	-0.9993	0.0000
2024-01-01T10:29:56	3	0	34	33	1	1.0554	1.0553	-0.0001	0.9905	0.9904	0.0001
2024-01-01T10:30:20	1	0	1	0	1	1.0594	null	null	0.9923	0.9922	0.0001
2024-01-01T10:33:39	1	0	14	14	0	1.0390	1.0390	0.0000	0.9901	0.9901	0.0000
2024-01-01T10:33:56	1	0	2	2	0	1.0210	1.0208	-0.0003	-0.9925	-0.9926	0.0001
2024-01-01T10:35:06	1	0	4	4	0	1.0377	1.0375	-0.0002	0.9956	0.9956	0.0000
2024-01-01T10:35:15	1	0	1	1	0	1.0177	1.0173	-0.0004	0.9831	0.983	0.0001
2024-01-01T10:39:48	2	0	19	19	0	0.9609	0.9608	-0.0001	-0.9973	-0.9974	0.0001
2024-01-01T10:40:24	1	0	43	42	1	1.0552	1.0552	0.0000	0.9988	0.9988	0.0000
2024-01-01T10:40:47	1	0	32	30	2	0.9432	0.9434	0.0002	-0.998	-0.9967	-0.0013
2024-01-01T10:41:13	1	0	6	6	0	1.0354	1.0353	-0.0001	0.9851	0.9851	0.0000
2024-01-01T10:42:41	1	0	3	1	2	1.0569	1.0555	-0.0014	-0.9993	-0.9993	0.0000
2024-01-01T10:44:31	1	0	10	10	0	1.0506	1.0506	0.0000	0.9979	0.9979	0.0000
2024-01-01T10:44:57	1	0	32	31	1	1.0550	1.0549	0.0000	0.9904	0.9904	0.0000
2024-01-01T10:45:21	1	0	1	0	1	1.0555	null	null	0.9917	0.9917	0.0000
2024-01-01T10:45:50	8	0	58	57	1	1.0644	1.0636	-0.0008	0.9657	0.9484	0.0173
2024-01-01T10:46:40	2	0	47	45	2	1.0570	1.0563	-0.0007	-0.9988	-0.9988	0.0000
2024-01-01T10:47:25	2	0	2	2	0	1.0243	1.0237	-0.0006	0.984	0.9839	0.0001
2024-01-01T10:47:31	1	0	2	2	0	1.0580	1.0574	-0.0005	0.9995	0.9995	0.0000
2024-01-01T10:48:40	1	0	10	11	-1	1.0428	1.0407	-0.0021	0.9898	0.9899	-0.0001
2024-01-01T10:48:57	1	0	2	2	0	1.0228	1.0227	-0.0002	-0.9923	-0.9923	0.0000
2024-01-01T10:49:04	1	0	2	2	0	1.0361	1.0358	-0.0003	0.9999	0.9999	0.0000
2024-01-01T10:49:50	4	0	1	0	1	1.0453	null	null	1	1	0.0000
2024-01-01T10:49:55	1	0	11	11	0	1.0489	1.0489	0.0000	0.9963	0.996	0.0003
2024-01-01T10:50:28	2	0	21	20	1	1.0487	1.0488	0.0001	0.9895	0.9892	0.0003
2024-01-01T10:50:32	6	0	9	9	0	1.0362	1.0363	0.0001	0.9996	0.9996	0.0000
2024-01-01T10:51:17	2	0	1	1	0	1.0219	1.0218	-0.0001	0.9962	0.9959	0.0003
2024-01-01T10:53:33	5	0	3	3	0	0.9415	0.9429	0.0014	0.9881	0.9885	-0.0004
2024-01-01T10:53:48	1	0	56	54	2	1.0518	1.0516	-0.0002	-0.9441	-0.9442	0.0001
2024-01-01T10:55:37	1	0	4	4	0	1.0047	1.0045	-0.0002	0.9809	0.9809	0.0000
2024-01-01T10:56:49	4	0	1	0	1	0.9802	null	null	0.9843	0.9845	-0.0002
2024-01-01T10:58:08	1	0	2	2	0	1.0610	1.0609	-0.0002	0.9962	0.9961	0.0001
2024-01-01T11:00:22	1	0	1	1	0	1.0579	1.0563	-0.0016	0.9918	0.9918	0.0000
2024-01-01T11:01:32	1	0	9	9	0	1.0430	1.0425	-0.0004	0.9977	0.9976	0.0001
2024-01-01T11:02:26	1	0	5	5	0	1.0329	1.0328	-0.0001	0.9838	0.9838	0.0000
2024-01-01T11:03:41	1	0	13	13	0	1.0384	1.0384	-0.0001	0.9888	0.9887	0.0001
2024-01-01T11:03:48	1	0	1	1	0	1.0459	1.0452	-0.0007	0.9977	0.9977	0.0000
2024-01-01T11:05:17	1	0	2	2	0	1.0274	1.0270	-0.0003	0.9794	0.9793	0.0001
2024-01-01T11:05:33	6	0	7	6	1	1.0473	1.0458	-0.0015	0.9999	0.9999	0.0000
2024-01-01T11:05:48	2	0	1	1	0	1.0024	1.0013	-0.0011	0.9948	0.9945	0.0003
2024-01-01T11:08:03	5	0	1	0	1	1.0552	null	null	-0.9948	-0.9978	0.0030
2024-01-01T11:09:50	1	0	80	77	3	0.9397	0.9398	0.0001	-0.9979	-0.9979	0.0000
2024-01-01T11:10:49	3	0	74	68	6	0.9370	0.9377	0.0007	-0.9983	-0.9981	-0.0002
2024-01-01T11:11:48	1	0	4	4	0	1.0492	1.0489	-0.0003	1	0.9999	0.0001
2024-01-01T11:11:56	1	0	11	10	1	1.0507	1.0494	-0.0013	0.9863	0.9861	0.0002
2024-01-01T11:13:23	1	0	32	32	0	1.0510	1.0510	0.0000	0.9946	0.9944	0.0002
2024-01-01T11:14:33	1	0	13	13	0	1.0509	1.0509	0.0000	0.9964	0.9964	0.0000
2024-01-01T11:14:38	1	0	26	25	1	1.0481	1.0477	-0.0004	-0.997	-0.997	0.0000
2024-01-01T11:14:59	1	0	40	38	2	1.0560	1.0560	0.0000	0.9902	0.9901	0.0001

2024-01-01T11:15:19	1	0	55	54	1	1.0481	1.0480	-0.0001	0.9999	0.9999	0.0000
2024-01-01T11:15:23	1	0	2	2	0	1.0394	1.0391	-0.0003	0.9917	0.9916	0.0001
2024-01-01T11:15:46	1	0	1	1	0	0.9723	0.9729	0.0006	0.9943	0.9943	0.0000
2024-01-01T11:18:42	3	0	11	11	0	1.0478	1.0478	-0.0001	0.9897	0.9892	0.0005
2024-01-01T11:18:55	2	0	1	0	1	1.0566	null	null	0.9639	0.9639	0.0000
2024-01-01T11:19:11	2	0	5	5	0	1.0411	1.0410	-0.0001	0.9996	0.9996	0.0000
2024-01-01T11:20:06	2	0	5	4	1	1.0502	1.0482	-0.0020	0.9988	0.9988	0.0000
2024-01-01T11:20:36	2	0	4	4	0	1.0373	1.0371	-0.0003	0.9919	0.9918	0.0001
2024-01-01T11:20:58	2	0	2	2	0	1.0626	1.0621	-0.0005	-0.998	-0.9982	0.0002
2024-01-01T11:22:50	2	0	3	3	0	1.0452	1.0448	-0.0003	0.9956	0.9955	0.0001
2024-01-01T11:28:10	1	0	1	1	0	1.0994	1.0994	0.0000	0.9957	0.9957	0.0000
2024-01-01T11:30:00	1	0	43	43	0	1.0562	1.0562	0.0000	0.99	0.99	0.0000
2024-01-01T11:30:42	1	0	3	3	0	1.0458	1.0456	-0.0002	0.9994	0.9994	0.0000
2024-01-01T11:31:42	1	0	42	43	-1	0.9408	0.9408	0.0000	0.9618	0.9618	0.0000
2024-01-01T11:32:02	1	0	30	29	1	1.0492	1.0490	-0.0002	-0.9808	-0.9807	-0.0001
2024-01-01T11:32:21	14	0	16	13	3	1.0427	1.0425	-0.0002	-1	-1	0.0000
2024-01-01T11:32:28	1	0	3	2	1	0.9917	1.0205	0.0288	0.982	0.982	0.0000
2024-01-01T11:33:43	3	0	14	13	1	1.0404	1.0392	-0.0011	0.9902	0.9902	0.0000
2024-01-01T11:33:50	1	0	1	1	0	1.0574	1.0574	0.0000	0.9979	0.9979	0.0000
2024-01-01T11:41:02	1	0	3	4	-1	0.9425	0.9431	0.0005	0.9833	0.9833	0.0000
2024-01-01T11:41:17	4	0	3	4	-1	1.0305	1.0296	-0.0009	0.9864	0.984	0.0024
2024-01-01T11:47:29	1	0	3	2	1	0.9932	1.0191	0.0259	0.9827	0.9827	0.0000
2024-01-01T11:47:35	1	0	1	1	0	1.0588	1.0587	-0.0001	0.9988	0.9988	0.0000
2024-01-01T11:49:13	2	0	3	4	-1	1.0436	1.0422	-0.0015	0.9998	0.9998	0.0000
2024-01-01T11:55:50	2	0	3	3	0	0.9632	0.9628	-0.0004	-1	-1	0.0000
2024-01-01T12:03:45	3	0	15	15	0	1.0431	1.0431	0.0000	0.9897	0.9899	-0.0002
2024-01-01T12:07:08	2	0	3	3	0	0.9179	0.9181	0.0002	0.9967	0.9968	-0.0001
2024-01-01T12:17:24	10	0	6	7	-1	1.0459	1.0462	0.0003	-1	-1	0.0000
2024-01-01T12:18:09	2	0	29	28	1	1.0526	1.0525	-0.0001	0.9861	0.9861	0.0000
2024-01-01T12:20:27	1	0	40	39	1	0.9392	0.9396	0.0005	0.9989	0.9965	0.0024
2024-01-01T12:28:49	2	0	11	10	1	1.0525	1.0522	-0.0004	-0.9937	-0.9938	0.0001
2024-01-01T12:31:05	1	0	13	12	1	1.0555	1.0556	0.0000	-0.9837	-0.9838	0.0001
2024-01-01T12:32:32	1	0	3	2	1	0.9937	1.0229	0.0292	0.9827	0.9827	0.0000
2024-01-01T12:41:21	3	0	5	6	-1	1.0378	1.0365	-0.0013	0.9855	0.9856	-0.0001
2024-01-01T12:55:54	2	0	10	10	0	0.9431	0.9432	0.0000	0.9994	0.9995	-0.0001
2024-01-01T12:57:50	1	0	2	2	0	1.0465	1.0457	-0.0009	-0.9984	-0.9984	0.0000
2024-01-01T13:03:31	1	0	224	223	1	1.0606	1.0599	-0.0007	-0.9646	-0.9646	0.0000
2024-01-01T13:05:36	1	0	24	23	1	1.0500	1.0497	-0.0003	0.9893	0.9893	0.0000
2024-01-01T13:47:37	1	0	1	1	0	1.0138	1.0136	-0.0002	0.9836	0.9836	0.0000
2024-01-01T13:58:20	1	0	3	3	0	1.0654	1.0654	0.0000	0.9988	0.9988	0.0000
2024-01-01T14:03:35	1	0	203	203	0	1.0595	1.0595	0.0000	-0.9742	-0.9742	0.0000
2024-01-01T14:03:52	1	0	7	8	-1	1.0523	1.0529	0.0005	-0.9842	-0.9841	-0.0001
2024-01-01T14:09:37	1	0	1	1	0	0.9804	0.9807	0.0003	0.9816	0.9816	0.0000
2024-01-01T14:11:27	1	0	5	5	0	1.0261	1.0260	0.0000	0.9837	0.9836	0.0001
2024-01-01T14:13:40	2	0	1	1	0	0.9896	0.9890	-0.0006	-0.9968	-0.9967	-0.0001
2024-01-01T14:16:06	7	0	4	4	0	0.9957	0.9965	0.0007	0.978	0.9449	0.0331
2024-01-01T14:17:32	3	0	3	3	0	1.0426	1.0421	-0.0005	-0.9999	-0.9999	0.0000
2024-01-01T14:18:36	1	0	199	199	0	1.0593	1.0593	0.0000	-0.9828	-0.9828	0.0000
2024-01-01T14:18:53	1	0	7	7	0	1.0513	1.0513	-0.0001	-0.982	-0.982	0.0000
2024-01-01T14:19:23	1	0	3	3	0	1.0436	1.0435	-0.0001	0.9998	0.9998	0.0000
2024-01-01T14:26:28	1	0	2	2	0	1.0224	1.0224	0.0000	0.9829	0.9829	0.0000
2024-01-01T14:32:33	2	0	4	4	0	1.0415	1.0414	-0.0001	-1	-1	0.0000
2024-01-01T14:32:46	1	0	3	3	0	1.0520	1.0519	-0.0001	0.9992	0.9991	0.0001
2024-01-01T14:33:37	1	0	293	293	0	1.0622	1.0622	0.0000	-0.9848	-0.9848	0.0000
2024-01-01T14:33:54	1	0	11	11	0	1.0499	1.0499	-0.0001	-0.9836	-0.9836	0.0000
2024-01-01T14:35:08	1	0	1	1	0	1.0375	1.0372	-0.0003	0.993	0.993	0.0000
2024-01-01T14:38:08	1	0	5	5	0	1.0414	1.0412	-0.0002	-0.9999	-0.9999	0.0000
2024-01-01T14:39:39	1	0	1	1	0	0.9802	0.9804	0.0002	0.9816	0.9815	0.0001
2024-01-01T14:40:14	2	0	82	82	0	0.9152	0.9151	-0.0001	0.994	0.9929	0.0011
2024-01-01T14:41:29	1	0	5	5	0	1.0301	1.0301	0.0000	0.9871	0.9871	0.0000
2024-01-01T14:43:59	1	0	2	2	0	1.0340	1.0338	-0.0002	0.9769	0.9768	0.0001
2024-01-01T14:46:08	1	0	2	2	0	1.0441	1.0440	-0.0001	0.976	0.9758	0.0002
2024-01-01T14:46:14	1	0	4	4	0	1.0531	1.0530	-0.0001	-0.9807	-0.9809	0.0002
2024-01-01T14:47:34	1	0	5	5	0	1.0460	1.0459	-0.0001	-0.9999	-0.9999	0.0000
2024-01-01T14:47:41	1	0	2	2	0	1.0284	1.0283	-0.0001	0.9837	0.9837	0.0000
2024-01-01T14:50:48	1	0	8	8	0	1.0475	1.0473	-0.0002	0.9999	0.9999	0.0000
2024-01-01T14:52:01	4	0	1	1	0	1.0312	1.0302	-0.0010	-0.9986	-0.9987	0.0001
2024-01-01T14:52:11	1	0	4	4	0	1.0336	1.0336	-0.0001	0.9885	0.9885	0.0000
2024-01-01T14:54:45	1	0	5	5	0	1.0448	1.0447	-0.0001	0.9932	0.9929	0.0003
2024-01-01T14:56:30	1	0	5	5	0	1.0226	1.0225	-0.0001	0.986	0.986	0.0000
2024-01-01T15:01:31	7	0	11	11	0	1.0352	1.0351	-0.0001	-0.9994	-0.9994	0.0000
2024-01-01T15:04:26	2	0	11	10	1	1.0417	1.0412	-0.0005	0.9998	0.9998	0.0000
2024-01-01T15:05:21	2	0	1	1	0	1.0334	1.0326	-0.0008	0.9993	0.9993	0.0000
2024-01-01T15:07:03	1	0	2	2	0	1.0344	1.0343	-0.0001	-0.9966	-0.9978	0.0012
2024-01-01T15:10:07	1	0	3	3	0	0.9442	0.9442	0.0000	-0.9952	-0.9952	0.0000
2024-01-01T15:13:07	1	0	563	565	-2	1.0673	1.0673	0.0000	0.9998	0.9999	-0.0001
2024-01-01T15:16:10	5	0	58	58	0	1.0664	1.0627	-0.0036	0.9575	0.995	-0.0375
2024-01-01T15:16:58	1	0	87	86	1	1.0586	1.0585	-0.0001	-0.9957	-0.9957	0.0000
2024-01-01T15:19:27	4	0	6	6	0	1.0441	1.0439	-0.0003	0.9999	0.9999	0.0000
2024-01-01T15:27:09	3	0	33	33	0	1.0559	1.0555	-0.0005	-0.9995	-0.9998	0.0003
2024-01-01T15:28:26	2	0	61	59	2	1.0548	1.0547	-0.0001	0.9959	0.9959	0.0000
2024-01-01T15:30:36	1	0	83	82	1	1.0503	1.0502	-0.0001	0.9997	0.9997	0.0000
2024-01-01T15:31:46	1	0	2	2	0	1.0266	1.0263	-0.0004	-0.984	-0.984	0.0000
2024-01-01T15:33:22	1	0	35	34	1	1.0547	1.0546	0.0000	0.9852	0.9851	0.0001
2024-01-01T15:35:51	5	0	21	18	3	1.0507	1.0506	-0.0002	1	1	0.0000

2024-01-01T15:37:22	2	0	3	3	0	0.9170	0.9173	0.0003	0.9953	0.9954	-0.0001
2024-01-01T15:47:30	1	0	12	12	0	1.0354	1.0353	-0.0001	0.9965	0.9964	0.0001
2024-01-01T15:50:52	3	0	27	27	0	1.0520	1.0518	-0.0002	1	1	0.0000
2024-01-01T16:01:13	4	0	53	23	30	1.0570	1.0540	-0.0030	0.9915	0.99	0.0015
2024-01-01T16:05:55	2	0	1	1	0	1.0371	1.0364	-0.0007	-1	-1	0.0000
2024-01-01T16:13:09	1	0	297	296	1	0.9271	0.9273	0.0002	0.9933	0.9933	0.0000
2024-01-01T16:13:11	1	0	490	489	1	1.0641	1.0641	0.0000	0.9998	0.9997	0.0001
2024-01-01T16:35:55	5	0	18	17	1	1.0519	1.0519	0.0000	1	1	0.0000
2024-01-01T17:58:16	2	0	515	514	1	0.9173	0.9173	0.0000	0.9908	0.991	-0.0002
2024-01-01T18:21:47	1	0	2	2	0	1.0267	1.0267	0.0000	0.9968	0.9965	0.0003
2024-01-02T07:50:21	2	0	31	31	0	0.9557	0.9558	0.0001	-0.9431	-0.9417	-0.0014
2024-01-02T07:51:54	2	0	147	147	0	0.9093	0.9094	0.0001	0.9818	0.9819	-0.0001
2024-01-02T07:55:42	1	0	70	70	0	0.9406	0.9407	0.0000	-0.9984	-0.9983	-0.0001
2024-01-02T08:09:41	1	0	221	221	0	0.9341	0.9342	0.0000	0.9702	0.9702	0.0000
2024-01-02T08:13:13	1	0	362	361	1	1.0620	1.0620	0.0000	0.9951	0.9951	0.0000
2024-01-02T08:29:28	5	0	26	25	1	1.0528	1.0527	-0.0002	0.999	0.999	0.0000
2024-01-02T08:32:16	1	0	795	795	0	1.0780	1.0780	0.0000	0.9997	0.9997	0.0000
2024-01-02T08:33:22	1	0	46	33	13	0.9467	0.9469	0.0002	0.9912	0.9911	0.0001
2024-01-02T08:36:49	1	0	4	4	0	0.9404	0.9407	0.0003	-0.9998	-0.9998	0.0000
2024-01-02T08:43:15	1	0	329	328	1	1.0613	1.0613	0.0000	0.993	0.993	0.0000
2024-01-02T08:58:16	5	0	446	441	5	1.0620	1.0620	0.0000	0.9951	0.9951	0.0000
2024-01-02T09:03:35	1	0	3	3	0	1.0229	1.0226	-0.0003	0.9724	0.9723	0.0001
2024-01-02T09:05:27	1	0	36	32	4	1.0533	1.0533	-0.0001	0.9997	0.9997	0.0000
2024-01-02T09:06:51	1	0	1	1	0	0.9413	0.9418	0.0005	-0.9998	-0.9998	0.0000
2024-01-02T09:06:59	2	0	112	112	0	0.9132	0.9136	0.0004	0.9781	0.9782	-0.0001
2024-01-02T09:12:46	1	0	31	31	0	1.0512	1.0511	-0.0001	0.9935	0.9938	-0.0003
2024-01-02T09:13:17	2	0	530	511	19	1.0627	1.0626	-0.0001	0.9966	0.9963	0.0003
2024-01-02T09:14:31	1	0	16	16	0	1.0507	1.0507	0.0000	0.9994	0.9994	0.0000
2024-01-02T09:15:44	2	0	12	10	2	0.9483	0.9496	0.0013	0.9883	0.988	0.0003
2024-01-02T09:17:19	2	0	795	795	0	1.0798	1.0798	0.0000	0.9993	0.9993	0.0000
2024-01-02T09:18:25	2	0	76	71	5	0.9475	0.9482	0.0007	0.9891	0.989	0.0001
2024-01-02T09:18:36	4	0	36	34	2	0.9437	0.9440	0.0003	0.9603	0.9605	-0.0002
2024-01-02T09:20:25	1	0	18	18	0	1.0504	1.0503	-0.0001	0.9792	0.9791	0.0001
2024-01-02T09:23:14	3	0	136	132	4	1.0570	1.0566	-0.0004	-0.9879	-0.9878	-0.0001
2024-01-02T09:24:28	2	0	5	5	0	1.0483	1.0481	-0.0002	0.9855	0.9852	0.0003
2024-01-02T09:24:55	3	0	66	66	0	0.9158	0.9157	-0.0001	0.9964	0.9964	0.0000
2024-01-02T09:25:11	2	0	5	5	0	0.9493	0.9495	0.0002	0.9815	0.9816	-0.0001
2024-01-02T09:27:47	2	0	23	23	0	1.0487	1.0486	-0.0001	0.9965	0.9943	0.0022
2024-01-02T09:28:46	1	0	1	1	0	1.0350	1.0343	-0.0007	-0.9957	-0.9958	0.0001
2024-01-02T09:29:32	1	0	2	2	0	0.9434	0.9437	0.0003	0.9989	0.9989	0.0000
2024-01-02T09:31:06	1	0	5	5	0	1.0271	1.0270	-0.0001	1	1	0.0000
2024-01-02T09:32:22	2	0	3	3	0	1.0231	1.0229	-0.0002	0.9791	0.9791	0.0000
2024-01-02T09:35:28	3	0	1	1	0	0.9385	0.9395	0.0010	-0.9871	-0.9863	-0.0008
2024-01-02T09:35:29	10	0	22	20	2	1.0520	1.0515	-0.0005	0.9998	0.9997	0.0001
2024-01-02T09:37:22	1	0	16	16	0	1.0470	1.0470	0.0000	-0.9947	-0.9947	0.0000
2024-01-02T09:38:10	1	0	3	3	0	1.0330	1.0330	0.0000	0.9999	0.9999	0.0000
2024-01-02T09:40:42	2	0	1	0	1	1.0078	null	null	1	1	0.0000
2024-01-02T09:42:43	5	0	329	323	6	0.9190	0.9192	0.0002	0.9936	0.9938	-0.0002
2024-01-02T09:43:47	2	0	3	3	0	1.0374	1.0367	-0.0007	-0.9952	-0.9954	0.0002
2024-01-02T09:44:09	2	0	2	1	1	0.9439	0.9445	0.0006	-0.9618	-0.9606	-0.0012
2024-01-02T09:47:07	2	0	4	4	0	1.0273	1.0271	-0.0002	0.9914	0.9913	0.0001
2024-01-02T09:47:58	2	0	56	55	1	0.9799	0.9785	-0.0015	0.9407	0.9407	0.0000
2024-01-02T09:48:20	1	0	3	3	0	0.9464	0.9470	0.0005	0.9799	0.9799	0.0000
2024-01-02T09:48:36	1	0	12	11	1	1.0466	1.0464	-0.0001	-0.9938	-0.994	0.0002
2024-01-02T09:48:47	3	0	13	13	0	0.9416	0.9422	0.0007	0.9909	0.991	-0.0001
2024-01-02T09:49:03	1	0	4	4	0	1.0409	1.0408	-0.0002	1	1	0.0000
2024-01-02T09:50:27	3	0	27	25	2	1.0527	1.0524	-0.0003	0.9793	0.9792	0.0001
2024-01-02T09:54:57	2	0	65	65	0	0.8953	0.8954	0.0001	0.9966	0.9966	0.0000
2024-01-02T09:55:50	2	0	79	78	1	0.9358	0.9361	0.0003	-0.9992	-0.9989	-0.0003
2024-01-02T09:58:28	2	0	1	1	0	1.0059	1.0054	-0.0005	-0.9999	-0.9999	0.0000
2024-01-02T09:59:34	3	0	13	11	2	1.0496	1.0494	-0.0002	0.9994	0.9994	0.0000
2024-01-02T10:00:50	6	0	3	3	0	1.0000	1.0003	0.0003	0.9899	0.9782	0.0117
2024-01-02T10:02:22	7	0	78	74	4	1.0535	1.0534	-0.0001	0.987	0.9868	0.0002
2024-01-02T10:02:59	2	0	39	36	3	0.9619	0.9605	-0.0014	0.9416	0.9416	0.0000
2024-01-02T10:03:48	1	0	8	8	0	1.0535	1.0531	-0.0004	0.9921	0.992	0.0001
2024-01-02T10:05:30	1	0	24	24	0	0.9559	0.9559	0.0000	-0.9946	-0.9945	-0.0001
2024-01-02T10:05:31	5	0	21	20	1	1.0505	1.0501	-0.0003	0.9997	0.9997	0.0000
2024-01-02T10:08:29	5	0	87	87	0	0.9213	0.9224	0.0011	0.99	0.9902	-0.0002
2024-01-02T10:08:38	1	0	1	0	1	1.0400	null	null	0.9995	0.9995	0.0000
2024-01-02T10:08:40	1	0	203	202	1	1.0550	1.0549	0.0000	0.9906	0.9905	0.0001
2024-01-02T10:09:49	4	0	5	3	2	1.0546	1.0513	-0.0033	-0.9985	-0.9986	0.0001
2024-01-02T10:14:11	1	0	1	1	0	1.0623	1.0619	-0.0004	-0.9598	-0.9593	-0.0005
2024-01-02T10:16:08	3	0	6	6	0	1.0286	1.0283	-0.0003	0.9994	0.9994	0.0000
2024-01-02T10:16:27	1	0	1	1	0	0.9839	0.9843	0.0004	-0.9951	-0.995	-0.0001
2024-01-02T10:17:23	2	0	43	41	2	1.0497	1.0494	-0.0002	0.9875	0.9874	0.0001
2024-01-02T10:17:25	1	0	2	2	0	1.0318	1.0317	-0.0001	0.9771	0.9771	0.0000
2024-01-02T10:18:40	1	0	11	11	0	0.9546	0.9546	0.0000	0.9623	0.9622	0.0001
2024-01-02T10:19:06	3	0	5	5	0	1.0401	1.0400	-0.0002	1	1	0.0000
2024-01-02T10:22:04	2	0	69	69	0	0.9277	0.9278	0.0001	0.9806	0.9803	0.0003
2024-01-02T10:26:16	3	0	6	6	0	0.9659	0.9664	0.0006	0.983	0.9831	-0.0001
2024-01-02T10:27:42	1	0	1	0	1	1.0451	null	null	-0.9748	-0.9748	0.0000
2024-01-02T10:28:48	2	0	21	21	0	0.9509	0.9509	0.0000	0.9947	0.9947	0.0000
2024-01-02T10:29:12	1	0	3	3	0	1.0125	1.0126	0.0001	-0.9635	-0.9626	-0.0009
2024-01-02T10:29:38	1	0	58	57	1	1.0470	1.0469	-0.0001	-0.9986	-0.9986	0.0000
2024-01-02T10:30:23	2	0	1	0	1	1.0568	null	null	0.999	0.999	0.0000

2024-01-02T10:31:46	4	0	1	1	0	1.0424	1.0412	-0.0012	0.9855	0.9943	-0.0088
2024-01-02T10:32:11	2	0	10	10	0	1.0314	1.0313	-0.0001	0.991	0.9909	0.0001
2024-01-02T10:33:53	1	0	1	1	0	1.0190	1.0187	-0.0003	0.9802	0.9801	0.0001
2024-01-02T10:34:52	4	0	6	6	0	1.0484	1.0478	-0.0005	0.9996	0.9995	0.0001
2024-01-02T10:35:32	1	0	26	25	1	0.9446	0.9446	0.0000	1	1	0.0000
2024-01-02T10:35:33	1	0	48	47	1	1.0566	1.0565	-0.0002	0.9999	0.9999	0.0000
2024-01-02T10:38:40	1	0	1	1	0	1.0399	1.0396	-0.0003	0.9995	0.9995	0.0000
2024-01-02T10:39:24	1	0	1	1	0	0.9768	0.9772	0.0004	0.9846	0.9846	0.0000
2024-01-02T10:40:00	2	0	66	66	0	0.9405	0.9403	-0.0002	0.9961	0.996	0.0001
2024-01-02T10:40:26	1	0	12	12	0	1.0495	1.0493	-0.0001	0.9966	0.9965	0.0001
2024-01-02T10:40:53	1	0	86	85	1	0.9357	0.9359	0.0001	-0.9996	-0.9991	-0.0005
2024-01-02T10:41:53	3	0	31	27	4	1.0542	1.0539	-0.0003	0.9998	0.9998	0.0000
2024-01-02T10:44:29	2	0	9	9	0	1.0428	1.0427	-0.0001	-0.9997	-0.9997	0.0000
2024-01-02T10:44:54	1	0	5	5	0	1.0487	1.0485	-0.0002	0.9777	0.9775	0.0002
2024-01-02T10:45:24	2	0	3	2	1	1.0423	1.0340	-0.0083	0.9991	0.9991	0.0000
2024-01-02T10:46:10	7	0	6	7	-1	1.0287	1.0289	0.0002	0.9996	0.9996	0.0000
2024-01-02T10:48:02	1	0	25	24	1	0.9785	0.9752	-0.0033	0.9398	0.9398	0.0000
2024-01-02T10:48:31	1	0	4	4	0	1.0097	1.0096	-0.0002	0.989	0.9892	-0.0002
2024-01-02T10:48:51	1	0	17	16	1	1.0571	1.0564	-0.0007	0.9966	0.9965	0.0001
2024-01-02T10:49:00	1	0	9	9	0	1.0416	1.0415	0.0000	-0.9978	-0.9978	0.0000
2024-01-02T10:49:07	1	0	19	18	1	1.0478	1.0482	0.0004	0.9996	0.9996	0.0000
2024-01-02T10:49:25	1	0	4	3	1	1.0485	1.0459	-0.0026	0.9975	0.9975	0.0000
2024-01-02T10:49:58	1	0	9	9	0	1.0471	1.0471	0.0000	0.9662	0.9655	0.0007
2024-01-02T10:50:06	5	0	8	8	0	1.0396	1.0391	-0.0004	0.9991	0.9991	0.0000
2024-01-02T10:50:11	1	0	4	4	0	1.0472	1.0471	-0.0001	0.9983	0.9983	0.0000
2024-01-02T10:51:03	2	0	4	4	0	1.0521	1.0520	-0.0002	-0.9971	-0.9972	0.0001
2024-01-02T10:53:05	5	0	1	0	1	1.0587	null	null	-0.9973	-0.9973	0.0000
2024-01-02T10:54:52	1	0	6	5	1	1.0525	1.0513	-0.0012	-0.9981	-0.9982	0.0001
2024-01-02T10:56:50	1	0	1	0	1	1.0557	null	null	1	1	0.0000
2024-01-02T10:58:17	1	0	15	14	1	1.0491	1.0494	0.0003	0.9993	0.9993	0.0000
2024-01-02T11:00:25	1	0	1	0	1	1.0563	null	null	0.9935	0.9934	0.0001
2024-01-02T11:00:44	1	0	10	10	0	1.0472	1.0470	-0.0002	0.9875	0.9875	0.0000
2024-01-02T11:02:26	6	0	85	82	3	1.0552	1.0549	-0.0003	0.9853	0.9851	0.0002
2024-01-02T11:02:28	1	0	3	2	1	0.9998	1.0331	0.0333	0.9767	0.9768	-0.0001
2024-01-02T11:02:35	1	0	2	2	0	1.0577	1.0572	-0.0006	0.9902	0.9901	0.0001
2024-01-02T11:04:09	3	0	19	19	0	1.0500	1.0497	-0.0003	0.9996	0.9996	0.0000
2024-01-02T11:04:54	1	0	6	6	0	1.0498	1.0498	0.0000	0.9995	0.9995	0.0000
2024-01-02T11:05:12	1	0	4	4	0	1.0432	1.0431	-0.0001	0.9983	0.9982	0.0001
2024-01-02T11:05:32	2	0	33	31	2	1.0533	1.0532	-0.0001	0.972	0.9716	0.0004
2024-01-02T11:08:16	5	0	7	6	1	1.0308	1.0325	0.0017	0.9996	0.9995	0.0001
2024-01-02T11:08:21	1	0	122	121	1	1.0569	1.0569	0.0000	-0.9851	-0.985	-0.0001
2024-01-02T11:09:35	1	0	8	8	0	1.0523	1.0522	-0.0001	0.9849	0.9844	0.0005
2024-01-02T11:11:19	2	0	4	4	0	1.0006	1.0004	-0.0003	0.9811	0.9808	0.0003
2024-01-02T11:13:18	1	0	11	11	0	1.0460	1.0459	-0.0001	0.994	0.994	0.0000
2024-01-02T11:14:47	1	0	2	2	0	1.0200	1.0198	-0.0002	0.9765	0.9764	0.0001
2024-01-02T11:16:16	4	0	18	13	5	1.0527	1.0544	0.0018	0.9893	0.9885	0.0008
2024-01-02T11:16:40	1	0	14	10	4	0.9456	0.9467	0.0011	0.9864	0.9866	-0.0002
2024-01-02T11:16:49	1	0	94	91	3	0.9436	0.9442	0.0006	0.9929	0.9928	0.0001
2024-01-02T11:17:27	1	0	113	112	1	1.0573	1.0573	0.0000	0.9846	0.9846	0.0000
2024-01-02T11:18:42	1	0	15	14	1	1.0473	1.0464	-0.0009	-0.9931	-0.9934	0.0003
2024-01-02T11:18:44	1	0	51	49	2	0.9957	0.9957	0.0000	0.9462	0.946	0.0002
2024-01-02T11:18:58	2	0	8	5	3	1.0459	1.0394	-0.0066	0.8838	0.8836	0.0002
2024-01-02T11:19:10	1	0	3	3	0	1.0199	1.0198	-0.0001	0.9996	0.9996	0.0000
2024-01-02T11:19:14	3	0	758	668	90	1.0658	1.0653	-0.0006	0.9968	0.9939	0.0029
2024-01-02T11:20:08	1	0	9	8	1	1.0432	1.0417	-0.0016	0.9992	0.9992	0.0000
2024-01-02T11:20:28	1	0	5	5	0	1.0309	1.0307	-0.0002	0.9987	0.9986	0.0001
2024-01-02T11:22:54	2	0	2	2	0	1.0525	1.0521	-0.0004	0.9881	0.9878	0.0003
2024-01-02T11:23:22	3	0	159	157	2	1.0579	1.0579	0.0000	-0.9828	-0.9828	0.0000
2024-01-02T11:24:54	1	0	16	15	1	1.0499	1.0494	-0.0005	-0.9969	-0.9969	0.0000
2024-01-02T11:25:56	1	0	65	64	1	0.9354	0.9357	0.0004	-0.9989	-0.9988	-0.0001
2024-01-02T11:25:57	1	0	13	10	3	1.0440	1.0426	-0.0014	0.9967	0.9967	0.0000
2024-01-02T11:26:52	1	0	1	1	0	1.0568	1.0566	-0.0002	0.9997	0.9997	0.0000
2024-01-02T11:28:14	1	0	131	128	3	1.0567	1.0564	-0.0003	0.9993	0.9995	-0.0002
2024-01-02T11:30:23	3	0	53	51	2	1.0491	1.0487	-0.0004	0.991	0.991	0.0000
2024-01-02T11:30:27	1	0	2	2	0	1.0452	1.0446	-0.0007	0.9879	0.9879	0.0000
2024-01-02T11:30:56	1	0	1	1	0	1.0165	1.0164	-0.0001	0.9096	0.9099	-0.0003
2024-01-02T11:31:13	10	0	6	6	0	1.0303	1.0302	-0.0001	0.9974	0.9974	0.0000
2024-01-02T11:32:28	1	0	795	795	0	1.0837	1.0837	0.0000	0.9994	0.9994	0.0000
2024-01-02T11:32:30	2	0	2	2	0	0.9861	0.9861	0.0001	0.9774	0.9774	0.0000
2024-01-02T11:32:37	1	0	5	4	1	1.0530	1.0518	-0.0012	0.9915	0.9915	0.0000
2024-01-02T11:33:34	2	0	4	4	0	1.0107	1.0106	-0.0001	0.9912	0.9915	-0.0003
2024-01-02T11:33:43	2	0	6	4	2	1.0493	1.0507	0.0013	-0.9946	-0.9948	0.0002
2024-01-02T11:33:45	4	0	31	24	7	0.9562	0.9571	0.0009	0.961	0.9611	-0.0001
2024-01-02T11:34:11	9	0	58	57	1	1.0522	1.0520	-0.0002	0.9985	0.9984	0.0001
2024-01-02T11:34:16	1	0	24	23	1	1.0499	1.0496	-0.0003	0.9986	0.9986	0.0000
2024-01-02T11:34:28	2	0	13	11	2	1.0540	1.0526	-0.0015	0.9998	0.9995	0.0003
2024-01-02T11:35:29	6	0	17	16	1	0.9388	0.9392	0.0004	0.9938	0.9941	-0.0003
2024-01-02T11:35:40	4	0	10	9	1	1.0432	1.0427	-0.0005	-1	-1	0.0000
2024-01-02T11:36:52	2	0	5	5	0	1.0550	1.0549	-0.0001	-0.998	-0.998	0.0000
2024-01-02T11:38:23	2	0	257	252	5	1.0607	1.0607	0.0000	-0.98	-0.98	0.0000
2024-01-02T11:41:52	1	0	9	9	0	1.0535	1.0532	-0.0003	0.9945	0.9958	-0.0013
2024-01-02T11:41:57	2	0	26	25	1	1.0534	1.0533	-0.0001	0.9994	0.9994	0.0000
2024-01-02T11:42:02	1	0	5	4	1	1.0569	1.0552	-0.0017	0.9323	0.9321	0.0002
2024-01-02T11:43:13	1	0	3	3	0	1.0517	1.0514	-0.0003	0.9935	0.9935	0.0000
2024-01-02T11:46:51	3	0	2	2	0	1.0433	1.0432	-0.0001	0.9982	0.9982	0.0000

2024-01-02T11:47:31	1	0	2	2	0	0.9867	0.9867	0.0000	0.9773	0.9774	-0.0001
2024-01-02T11:47:36	7	0	31	28	3	1.0517	1.0512	-0.0005	0.9801	0.98	0.0001
2024-01-02T11:48:07	2	0	18	17	1	1.0510	1.0505	-0.0005	0.9459	0.9459	0.0000
2024-01-02T11:48:44	2	0	15	15	0	1.0479	1.0477	-0.0002	-0.9913	-0.9915	0.0002
2024-01-02T11:48:46	3	0	6	7	-1	0.9924	0.9855	-0.0069	0.9696	0.9695	0.0001
2024-01-02T11:50:37	3	0	6	7	-1	0.9973	0.9897	-0.0076	-0.9913	-0.9915	0.0002
2024-01-02T11:53:19	4	0	9	10	-1	1.0342	1.0342	0.0000	0.9998	0.9998	0.0000
2024-01-02T11:53:24	9	0	248	244	4	1.0620	1.0619	0.0000	-0.9827	-0.9827	0.0000
2024-01-02T11:59:59	3	0	12	11	1	1.0509	1.0505	-0.0004	0.9736	0.9736	0.0000
2024-01-02T12:00:25	1	0	100	99	1	1.0502	1.0501	-0.0001	0.9925	0.9925	0.0000
2024-01-02T12:02:09	1	0	37	36	1	1.0496	1.0494	-0.0002	-0.9822	-0.9821	-0.0001
2024-01-02T12:03:36	2	0	1	1	0	1.0352	1.0352	0.0000	0.9908	0.991	-0.0002
2024-01-02T12:03:45	2	0	16	16	0	1.0485	1.0484	-0.0001	-0.992	-0.9921	0.0001
2024-01-02T12:04:01	2	0	3	3	0	1.0246	1.0246	0.0000	0.9251	0.9253	-0.0002
2024-01-02T12:06:54	2	0	16	16	0	1.0514	1.0514	0.0000	-0.9985	-0.9985	0.0000
2024-01-02T12:11:23	2	0	4	4	0	1.0324	1.0319	-0.0004	0.9752	0.9752	0.0000
2024-01-02T12:11:32	3	0	4	4	0	1.0532	1.0530	-0.0002	0.994	0.9939	0.0001
2024-01-02T12:13:17	1	0	7	9	-2	1.0495	1.0482	-0.0013	0.9947	0.9948	-0.0001
2024-01-02T12:16:53	3	0	2	2	0	1.0423	1.0423	0.0000	0.9978	0.9977	0.0001
2024-01-02T12:18:46	1	0	6	6	0	1.0473	1.0470	-0.0002	-0.9934	-0.9935	0.0001
2024-01-02T12:20:32	5	0	3	3	0	1.0340	1.0339	-0.0001	0.9998	0.9998	0.0000
2024-01-02T12:20:47	1	0	3	3	0	1.0539	1.0537	-0.0002	0.9972	0.9972	0.0000
2024-01-02T12:30:29	3	0	2	2	0	0.9664	0.9657	-0.0007	0.9936	0.9935	0.0001
2024-01-02T12:33:38	1	0	1	1	0	1.0330	1.0330	0.0000	0.991	0.9912	-0.0002
2024-01-02T12:42:06	1	0	3	4	-1	1.0498	1.0513	0.0015	0.9343	0.9344	-0.0001
2024-01-02T12:51:50	3	0	4	4	0	1.0346	1.0346	0.0000	0.9898	0.9897	0.0001
2024-01-02T13:02:02	2	0	3	3	0	1.0338	1.0334	-0.0004	0.9881	0.9881	0.0000
2024-01-02T13:03:22	1	0	4	4	0	1.0531	1.0526	-0.0004	0.9754	0.9754	0.0000
2024-01-02T13:04:34	2	0	9	9	0	1.0542	1.0542	0.0000	0.9997	0.9997	0.0000
2024-01-02T13:10:12	1	0	3	3	0	1.0411	1.0410	0.0000	0.9973	0.9973	0.0000
2024-01-02T13:12:53	1	0	5	5	0	1.0632	1.0620	-0.0012	-0.9878	-0.9878	0.0000
2024-01-02T13:16:20	8	0	3	4	-1	1.0200	1.0146	-0.0053	0.9988	0.9989	-0.0001
2024-01-02T13:20:47	1	0	12	12	0	1.0451	1.0451	0.0000	1	1	0.0000
2024-01-02T13:23:25	2	0	7	8	-1	1.0344	1.0345	0.0001	0.9999	0.9999	0.0000
2024-01-02T13:57:02	1	0	7	8	-1	1.0480	1.0477	-0.0003	1	1	0.0000
2024-01-02T13:57:04	1	0	2	2	0	1.0521	1.0519	-0.0002	0.9866	0.9865	0.0001
2024-01-02T13:59:32	2	0	26	25	1	1.0474	1.0471	-0.0003	0.984	0.984	0.0000
2024-01-02T13:59:46	2	0	4	4	0	1.0510	1.0510	0.0000	0.9922	0.9922	0.0000
2024-01-02T14:00:35	6	0	5	5	0	0.9593	0.9589	-0.0004	0.997	0.9969	0.0001
2024-01-02T14:01:23	3	0	5	5	0	1.0250	1.0249	-0.0001	0.9974	0.9974	0.0000
2024-01-02T14:05:54	1	0	3	3	0	1.0546	1.0544	-0.0002	0.999	0.999	0.0000
2024-01-02T14:06:09	3	0	1	0	1	1.0553	null	null	1	1	0.0000
2024-01-02T14:07:02	2	0	9	8	1	1.0470	1.0471	0.0001	0.9994	0.9989	0.0005
2024-01-02T14:08:33	1	0	151	150	1	1.0576	1.0576	0.0000	-0.9792	-0.9791	-0.0001
2024-01-02T14:12:03	1	0	8	8	0	1.0479	1.0479	0.0000	-1	-1	0.0000
2024-01-02T14:12:05	1	0	2	2	0	1.0504	1.0503	-0.0001	0.9867	0.9867	0.0000
2024-01-02T14:12:40	1	0	1	1	0	0.9828	0.9832	0.0004	-0.9844	-0.9843	-0.0001
2024-01-02T14:13:07	4	0	64	63	1	1.0551	1.0547	-0.0004	0.9896	0.9898	-0.0002
2024-01-02T14:13:25	1	0	80	79	1	1.0552	1.0552	-0.0001	0.9999	1	-0.0001
2024-01-02T14:13:30	1	0	6	6	0	1.0476	1.0476	0.0000	0.9827	0.9827	0.0000
2024-01-02T14:14:43	2	0	44	44	0	1.0499	1.0496	-0.0002	-0.997	-0.997	0.0000
2024-01-02T14:14:47	1	0	4	4	0	1.0515	1.0515	0.0000	0.9932	0.9932	0.0000
2024-01-02T14:16:09	7	0	3	2	1	1.0300	1.0267	-0.0033	0.9805	0.9615	0.0190
2024-01-02T14:16:24	3	0	6	6	0	1.0267	1.0265	-0.0002	0.9975	0.9975	0.0000
2024-01-02T14:17:04	4	0	1	0	1	1.0451	null	null	-0.9934	-0.9934	0.0000
2024-01-02T14:17:39	1	0	801	801	0	1.0828	1.0828	0.0000	-1	-1	0.0000
2024-01-02T14:18:56	1	0	4	4	0	1.0325	1.0325	0.0000	0.9718	0.9717	0.0001
2024-01-02T14:18:56	1	0	17	16	1	1.0476	1.0475	-0.0001	-0.9886	-0.9887	0.0001
2024-01-02T14:19:06	5	0	28	26	2	1.0555	1.0554	-0.0001	0.9935	0.9934	0.0001
2024-01-02T14:20:47	3	0	15	14	1	0.9412	0.9414	0.0002	-0.9843	-0.9839	-0.0004
2024-01-02T14:20:51	1	0	13	13	0	1.0423	1.0422	0.0000	-0.9998	-0.9998	0.0000
2024-01-02T14:22:03	2	0	6	6	0	1.0486	1.0484	-0.0002	1	1	0.0000
2024-01-02T14:23:34	1	0	193	192	1	1.0590	1.0590	0.0000	-0.9782	-0.9781	-0.0001
2024-01-02T14:23:55	2	0	1	1	0	1.0351	1.0343	-0.0008	0.9987	0.9987	0.0000
2024-01-02T14:26:08	3	0	75	74	1	0.9416	0.9416	0.0000	-0.9991	-0.999	-0.0001
2024-01-02T14:26:32	1	0	4	4	0	1.0367	1.0365	-0.0002	0.9842	0.9842	0.0000
2024-01-02T14:27:04	1	0	6	6	0	1.0480	1.0479	0.0000	0.9999	0.9999	0.0000
2024-01-02T14:27:08	1	0	36	36	0	1.0548	1.0548	-0.0001	0.9998	0.9998	0.0000
2024-01-02T14:27:41	4	0	1	1	0	0.9805	0.9814	0.0009	-0.9847	-0.9845	-0.0002
2024-01-02T14:29:02	2	0	17	14	3	1.0515	1.0511	-0.0004	-0.9993	-0.9994	0.0001
2024-01-02T14:29:02	1	0	8	8	0	1.0481	1.0479	-0.0001	0.9759	0.9758	0.0001
2024-01-02T14:29:34	1	0	29	28	1	1.0479	1.0476	-0.0004	0.9868	0.9867	0.0001
2024-01-02T14:29:48	2	0	8	8	0	1.0506	1.0506	-0.0001	0.9945	0.9944	0.0001
2024-01-02T14:30:37	6	0	4	4	0	0.9686	0.9672	-0.0014	0.9985	0.9983	0.0002
2024-01-02T14:31:10	1	0	1	1	0	1.0211	1.0205	-0.0006	0.9061	0.907	-0.0009
2024-01-02T14:31:47	1	0	1	1	0	1.0267	1.0261	-0.0006	0.9686	0.9677	0.0009
2024-01-02T14:32:05	10	0	2	0	2	1.0459	null	null	-0.9917	-0.9921	0.0004
2024-01-02T14:32:40	1	0	802	802	0	1.0826	1.0826	0.0000	1	1	0.0000
2024-01-02T14:33:17	1	0	7	7	0	1.0243	1.0243	0.0000	0.9409	0.9408	0.0001
2024-01-02T14:33:57	2	0	35	35	0	1.0563	1.0562	-0.0001	-0.9912	-0.9913	0.0001
2024-01-02T14:33:57	1	0	5	5	0	1.0179	1.0180	0.0001	0.9693	0.9693	0.0000
2024-01-02T14:34:07	3	0	17	16	1	1.0516	1.0511	-0.0004	0.989	0.9889	0.0001
2024-01-02T14:34:23	5	0	26	25	1	1.0503	1.0500	-0.0003	0.9966	0.9966	0.0000
2024-01-02T14:35:49	1	0	24	24	0	1.0525	1.0525	0.0000	-1	1	0.0000
2024-01-02T14:35:52	2	0	1	1	0	1.0399	1.0395	-0.0004	0.9985	0.9984	0.0001

2024-01-02T14:36:35	2	0	6	6	0	1.0397	1.0396	-0.0001	0.996	0.9961	-0.0001
2024-01-02T14:37:04	1	0	4	4	0	1.0435	1.0434	-0.0001	0.999	0.9979	0.0011
2024-01-02T14:38:30	1	0	14	12	2	1.0333	1.0326	-0.0007	0.9997	0.9997	0.0000
2024-01-02T14:38:56	1	0	3	3	0	1.0352	1.0352	0.0000	0.9971	0.9971	0.0000
2024-01-02T14:41:09	2	0	74	71	3	0.9407	0.9408	0.0001	-0.9996	-0.9995	-0.0001
2024-01-02T14:41:33	1	0	4	4	0	1.0329	1.0329	0.0000	0.9858	0.9857	0.0001
2024-01-02T14:42:05	1	0	8	8	0	1.0484	1.0483	0.0000	1	1	0.0000
2024-01-02T14:42:09	1	0	29	28	1	1.0548	1.0548	0.0000	0.9998	0.9998	0.0000
2024-01-02T14:42:42	4	0	1	1	0	0.9784	0.9786	0.0002	-0.9856	-0.9856	0.0000
2024-01-02T14:44:35	1	0	30	30	0	1.0473	1.0473	0.0000	0.9845	0.9845	0.0000
2024-01-02T14:44:45	1	0	32	32	0	1.0473	1.0472	-0.0001	-0.998	-0.9981	0.0001
2024-01-02T14:44:49	1	0	9	9	0	1.0512	1.0512	0.0000	0.9971	0.9971	0.0000
2024-01-02T14:45:38	8	0	5	5	0	0.9729	0.9726	-0.0003	0.9974	0.9974	0.0000
2024-01-02T14:47:06	7	0	1	1	0	1.0456	1.0451	-0.0005	-0.9941	-0.9942	0.0001
2024-01-02T14:53:31	2	0	9	9	0	1.0345	1.0344	-0.0001	0.9998	0.9998	0.0000
2024-01-02T14:59:36	2	0	41	39	2	1.0491	1.0487	-0.0004	0.9984	0.9984	0.0000
2024-01-02T15:01:12	6	0	3	4	-1	1.0067	1.0007	-0.0060	0.9494	0.9216	0.0278
2024-01-02T15:01:27	1	0	5	5	0	1.0256	1.0256	0.0000	0.9984	0.9984	0.0000
2024-01-02T15:04:09	1	0	42	42	0	1.0574	1.0574	0.0000	0.9932	0.9932	0.0000
2024-01-02T15:04:25	1	0	11	11	0	1.0440	1.0440	0.0000	0.9971	0.9971	0.0000
2024-01-02T15:06:13	4	0	1	1	0	1.0563	1.0551	-0.0012	1	1	0.0000
2024-01-02T15:08:24	3	0	3	3	0	1.0564	1.0562	-0.0002	-0.9935	-0.9936	0.0001
2024-01-02T15:08:32	1	0	10	10	0	1.0341	1.0341	0.0000	0.9998	0.9998	0.0000
2024-01-02T15:08:58	1	0	2	2	0	1.0376	1.0374	-0.0003	0.9972	0.9972	0.0000
2024-01-02T15:13:10	3	0	84	83	1	1.0560	1.0562	0.0002	0.9955	0.9955	0.0000
2024-01-02T15:16:13	1	0	1	1	0	1.0136	1.0128	-0.0008	0.9076	0.9087	-0.0011
2024-01-02T15:20:51	2	0	1	1	0	0.9444	0.9446	0.0002	-0.9815	-0.9808	-0.0007
2024-01-02T15:20:55	1	0	2	2	0	1.0329	1.0328	-0.0002	0.9992	0.9991	0.0001
2024-01-02T15:21:14	3	0	1	1	0	1.0464	1.0454	-0.0010	-1	1	0.0000
2024-01-02T15:24:23	1	0	2	2	0	1.0373	1.0370	-0.0003	0.999	0.999	0.0000
2024-01-02T15:56:14	1	0	37	37	0	0.9458	0.9458	0.0000	-0.9967	-0.9967	0.0000
2024-01-02T16:01:16	4	0	1	1	0	1.0195	1.0185	-0.0010	0.9145	0.9136	0.0009
2024-01-02T16:07:20	21	0	7	4	3	0.9609	0.9658	0.0050	0.9892	0.9897	-0.0005
2024-01-02T16:43:16	1	0	563	562	1	1.0666	1.0666	0.0000	-0.9989	-0.9989	0.0000
2024-01-02T16:55:17	2	0	33	25	8	0.9429	0.9430	0.0001	-0.9961	-0.9961	0.0000
2024-01-03T08:01:53	3	0	85	85	0	0.9405	0.9407	0.0002	-0.9968	-0.9967	-0.0001
2024-01-03T08:03:29	2	0	109	109	0	0.9094	0.9095	0.0001	0.9795	0.9795	0.0000
2024-01-03T08:06:13	2	0	78	77	1	0.9122	0.9122	0.0000	0.9958	0.9958	0.0000
2024-01-03T08:07:13	1	0	90	90	0	0.9360	0.9367	0.0007	-0.9974	-0.9972	-0.0002
2024-01-03T08:10:56	4	0	52	48	4	1.0542	1.0542	0.0000	0.9981	0.9982	-0.0001
2024-01-03T08:15:04	1	0	72	71	1	0.9357	0.9358	0.0001	0.9594	0.9594	0.0000
2024-01-03T08:16:54	1	0	84	84	0	0.9383	0.9383	0.0000	-0.9952	-0.9949	-0.0003
2024-01-03T08:18:19	2	0	8	8	0	0.9600	0.9602	0.0002	0.9911	0.9911	0.0000
2024-01-03T08:28:47	1	0	795	795	0	1.0800	1.0800	0.0000	0.9997	0.9997	0.0000
2024-01-03T08:29:48	1	0	76	75	1	1.0592	1.0592	0.0000	-0.9871	-0.9871	0.0000
2024-01-03T08:29:52	1	0	81	81	0	0.9569	0.9572	0.0002	0.9893	0.9892	0.0001
2024-01-03T08:31:55	1	0	92	92	0	0.9347	0.9347	0.0000	-0.994	-0.9934	-0.0006
2024-01-03T08:33:20	1	0	5	5	0	0.9733	0.9735	0.0002	0.9906	0.9906	0.0000
2024-01-03T08:33:23	1	0	4	4	0	0.9401	0.9404	0.0003	-1	-1	0.0000
2024-01-03T08:44:49	1	0	99	99	0	1.0603	1.0603	0.0000	-0.994	-0.994	0.0000
2024-01-03T08:46:54	1	0	107	103	4	1.0581	1.0580	-0.0001	0.9899	0.9899	0.0000
2024-01-03T08:46:56	2	0	84	84	0	0.9374	0.9374	0.0000	-0.9937	-0.9932	-0.0005
2024-01-03T08:55:18	1	0	1	1	0	1.0388	1.0384	-0.0004	1	1	0.0000
2024-01-03T08:57:20	1	0	24	24	0	0.9615	0.9615	0.0000	0.9915	0.9914	0.0001
2024-01-03T09:03:22	2	0	5	5	0	0.9842	0.9847	0.0005	0.9916	0.9917	-0.0001
2024-01-03T09:03:25	1	0	3	3	0	0.9406	0.9410	0.0004	-0.9999	-0.9999	0.0000
2024-01-03T09:03:33	3	0	90	89	1	0.9224	0.9227	0.0002	0.9778	0.9778	0.0000
2024-01-03T09:06:17	2	0	67	67	0	0.9150	0.9150	0.0000	0.999	0.999	0.0000
2024-01-03T09:09:20	3	0	65	61	4	1.0528	1.0523	-0.0005	0.9956	0.9959	-0.0003
2024-01-03T09:12:21	7	0	41	40	1	0.9552	0.9553	0.0001	0.9916	0.9916	0.0000
2024-01-03T09:13:50	2	0	799	799	0	1.0819	1.0819	0.0000	0.9997	0.9996	0.0001
2024-01-03T09:14:27	2	0	64	63	1	0.9910	0.9899	-0.0011	0.9503	0.9502	0.0001
2024-01-03T09:14:55	1	0	80	80	0	0.9515	0.9515	0.0001	0.9888	0.9887	0.0001
2024-01-03T09:15:10	4	0	73	73	0	0.9403	0.9404	0.0002	0.9547	0.9549	-0.0002
2024-01-03T09:16:56	2	0	50	44	6	1.0546	1.0544	-0.0002	0.99	0.99	0.0000
2024-01-03T09:18:23	7	0	5	5	0	0.9749	0.9753	0.0004	0.9909	0.9909	0.0000
2024-01-03T09:20:58	2	0	3	3	0	1.0488	1.0485	-0.0003	0.9961	0.996	0.0001
2024-01-03T09:24:15	1	0	73	72	1	0.9397	0.9396	-0.0001	0.9968	0.9968	0.0000
2024-01-03T09:25:39	2	0	2	1	1	0.9445	0.9448	0.0003	-0.9723	-0.9713	-0.0010
2024-01-03T09:26:49	3	0	2	2	0	0.9716	0.9708	-0.0009	-0.9998	-0.9998	0.0000
2024-01-03T09:27:39	5	0	12	12	0	1.0391	1.0390	-0.0001	-0.9976	-0.9976	0.0000
2024-01-03T09:30:19	1	0	4	4	0	1.0479	1.0477	-0.0002	0.9977	0.9977	0.0000
2024-01-03T09:32:02	10	0	40	36	4	1.0532	1.0527	-0.0005	0.9998	0.9998	0.0000
2024-01-03T09:34:46	2	0	129	128	1	1.0560	1.0560	0.0000	-0.9888	-0.9872	-0.0016
2024-01-03T09:36:20	1	0	68	68	0	0.9312	0.9312	-0.0001	0.9914	0.9914	0.0000
2024-01-03T09:36:24	2	0	3	0	3	0.9446	null	null	0.9994	0.9994	0.0000
2024-01-03T09:37:44	1	0	2	2	0	1.0296	1.0294	-0.0002	0.9939	0.9938	0.0001
2024-01-03T09:39:16	1	0	64	64	0	0.9421	0.9424	0.0003	0.9971	0.9971	0.0000
2024-01-03T09:39:52	2	0	146	145	1	1.0585	1.0585	-0.0001	0.9917	0.9916	0.0001
2024-01-03T09:40:42	1	0	19	19	0	0.9444	0.9448	0.0004	0.9992	0.9992	0.0000
2024-01-03T09:42:20	2	0	2	2	0	0.9924	0.9929	0.0004	0.9961	0.996	0.0001
2024-01-03T09:42:23	1	0	9	10	-1	1.0411	1.0407	-0.0003	0.9908	0.9908	0.0000
2024-01-03T09:43:41	2	0	14	14	0	1.0410	1.0409	-0.0001	0.9928	0.9929	-0.0001
2024-01-03T09:46:52	1	0	1	1	0	1.0347	1.0343	-0.0004	0.9981	0.9981	0.0000
2024-01-03T09:47:03	1	0	27	28	-1	1.0538	1.0534	-0.0003	-0.9999	-0.9999	0.0000

2024-01-03T09:54:58	2	0	1	1	0	1.0079	1.0074	-0.0005	-0.9935	-0.9924	-0.0011
2024-01-03T09:57:24	6	0	6	7	-1	1.0183	1.0214	0.0031	0.9918	0.9907	0.0011
2024-01-03T09:57:41	1	0	10	10	0	1.0411	1.0410	-0.0001	-0.9999	-0.9999	0.0000
2024-01-03T09:58:50	5	0	24	23	1	1.0472	1.0471	-0.0002	0.9995	0.9995	0.0000
2024-01-03T09:59:10	5	0	9	9	0	1.0400	1.0399	-0.0001	-0.9847	-0.9849	0.0002
2024-01-03T09:59:30	2	0	150	142	8	0.9942	0.9944	0.0002	0.9397	0.9397	0.0000
2024-01-03T10:00:13	1	0	2	0	2	1.0455	null	null	-0.998	-0.9981	0.0001
2024-01-03T10:00:40	1	0	7	7	0	1.0393	1.0392	-0.0001	0.996	0.996	0.0000
2024-01-03T10:01:24	1	0	6	6	0	1.0502	1.0502	0.0000	0.9984	0.9984	0.0000
2024-01-03T10:01:29	2	0	11	11	0	1.0483	1.0481	-0.0002	0.9985	0.9984	0.0001
2024-01-03T10:01:38	2	0	8	8	0	1.0386	1.0385	-0.0001	0.9989	0.9989	0.0000
2024-01-03T10:01:59	3	0	25	24	1	1.0515	1.0513	-0.0002	0.9731	0.973	0.0001
2024-01-03T10:02:04	3	0	49	49	0	1.0553	1.0550	-0.0003	-1	-1	0.0000
2024-01-03T10:04:48	3	0	147	144	3	1.0569	1.0568	-0.0001	-0.9881	-0.9881	0.0000
2024-01-03T10:07:21	3	0	35	35	0	0.9400	0.9402	0.0003	-0.9977	-0.9973	-0.0004
2024-01-03T10:10:42	1	0	1	1	0	1.0589	1.0585	-0.0004	-0.9643	-0.9638	-0.0005
2024-01-03T10:10:57	2	0	5	5	0	1.0351	1.0351	0.0000	0.9964	0.9964	0.0000
2024-01-03T10:11:04	3	0	15	13	2	1.0511	1.0501	-0.0010	0.9966	0.9965	0.0001
2024-01-03T10:11:50	3	0	95	93	2	1.0495	1.0494	-0.0002	0.9943	0.9943	0.0000
2024-01-03T10:11:54	1	0	1	1	0	1.0263	1.0260	-0.0003	0.9985	0.9985	0.0000
2024-01-03T10:12:42	3	0	12	11	1	1.0411	1.0416	0.0005	-1	-1	0.0000
2024-01-03T10:12:55	2	0	10	10	0	1.0449	1.0448	0.0000	-0.9805	-0.9808	0.0003
2024-01-03T10:13:30	2	0	2	2	0	1.0396	1.0393	-0.0004	0.9996	0.9996	0.0000
2024-01-03T10:15:14	1	0	6	6	0	1.0464	1.0462	-0.0003	-0.997	-0.997	0.0000
2024-01-03T10:15:22	1	0	13	10	3	1.0566	1.0565	-0.0001	0.9917	0.9916	0.0001
2024-01-03T10:16:45	3	0	9	5	4	0.9538	0.9622	0.0084	-0.993	-0.9925	-0.0005
2024-01-03T10:18:38	2	0	113	110	3	0.9243	0.9244	0.0001	0.9773	0.9771	0.0002
2024-01-03T10:19:49	3	0	184	179	5	1.0584	1.0584	-0.0001	-0.9857	-0.9857	0.0000
2024-01-03T10:20:56	1	0	1	1	0	0.9786	0.9789	0.0003	0.9814	0.9814	0.0000
2024-01-03T10:22:34	1	0	5	5	0	1.0304	1.0304	0.0000	0.9906	0.9905	0.0001
2024-01-03T10:24:19	2	0	70	63	7	0.9450	0.9451	0.0001	0.9966	0.9967	-0.0001
2024-01-03T10:24:55	3	0	271	267	4	1.0631	1.0629	-0.0001	0.9855	0.9853	0.0002
2024-01-03T10:25:21	1	0	81	81	0	0.9426	0.9426	0.0000	0.992	0.992	0.0000
2024-01-03T10:27:26	6	0	66	52	14	1.0385	1.0350	-0.0035	0.9896	0.9898	-0.0002
2024-01-03T10:27:43	1	0	12	12	0	1.0403	1.0402	-0.0001	-1	-1	0.0000
2024-01-03T10:27:56	1	0	9	9	0	1.0437	1.0437	0.0000	-0.9804	-0.9805	0.0001
2024-01-03T10:28:52	2	0	27	24	3	1.0473	1.0474	0.0002	0.9992	0.9992	0.0000
2024-01-03T10:30:42	2	0	3	3	0	1.0408	1.0405	-0.0003	0.9968	0.9968	0.0000
2024-01-03T10:31:26	4	0	12	11	1	1.0492	1.0485	-0.0006	0.9985	0.9984	0.0001
2024-01-03T10:32:01	1	0	25	24	1	1.0511	1.0508	-0.0003	0.9718	0.9715	0.0003
2024-01-03T10:32:08	6	0	43	42	1	1.0531	1.0530	-0.0001	-1	-1	0.0000
2024-01-03T10:34:50	4	0	215	213	2	1.0596	1.0596	0.0000	-0.9831	-0.983	-0.0001
2024-01-03T10:37:23	1	0	43	42	1	0.9372	0.9373	0.0001	-0.9977	-0.9974	-0.0003
2024-01-03T10:37:48	1	0	4	4	0	1.0355	1.0355	0.0000	0.9901	0.99	0.0001
2024-01-03T10:38:27	2	0	36	34	2	1.0552	1.0551	-0.0001	0.9993	0.9993	0.0000
2024-01-03T10:39:56	3	0	323	319	4	1.0649	1.0648	0.0000	0.9832	0.9831	0.0001
2024-01-03T10:40:59	1	0	8	8	0	1.0386	1.0386	0.0000	0.998	0.998	0.0000
2024-01-03T10:41:19	1	0	6	6	0	1.0356	1.0356	-0.0001	0.9985	0.9985	0.0000
2024-01-03T10:41:28	1	0	15	14	1	1.0520	1.0512	-0.0007	0.9867	0.9866	0.0001
2024-01-03T10:41:52	1	0	113	111	2	1.0505	1.0504	-0.0001	0.9946	0.9946	0.0000
2024-01-03T10:44:04	4	0	35	33	2	1.0501	1.0497	-0.0004	0.9812	0.9811	0.0001
2024-01-03T10:44:05	1	0	1	1	0	1.0576	1.0567	-0.0009	0.9773	0.9771	0.0002
2024-01-03T10:44:33	1	0	75	72	3	1.0121	1.0120	-0.0001	0.9418	0.9416	0.0002
2024-01-03T10:45:28	1	0	1	1	0	1.0198	1.0195	-0.0003	0.993	0.993	0.0000
2024-01-03T10:45:34	1	0	1	1	0	1.0277	1.0274	-0.0003	-1	-1	0.0000
2024-01-03T10:45:43	1	0	6	6	0	1.0394	1.0393	-0.0002	0.9969	0.9969	0.0000
2024-01-03T10:45:58	3	0	12	11	1	1.0507	1.0499	-0.0009	0.999	0.999	0.0000
2024-01-03T10:46:43	1	0	4	4	0	1.0456	1.0455	-0.0001	0.9949	0.9947	0.0002
2024-01-03T10:47:02	1	0	27	26	1	1.0516	1.0514	-0.0002	0.9715	0.9715	0.0000
2024-01-03T10:47:08	1	0	41	41	0	1.0532	1.0535	0.0003	-0.9999	-0.9999	0.0000
2024-01-03T10:47:12	1	0	6	6	0	1.0480	1.0471	-0.0008	0.9918	0.9918	0.0000
2024-01-03T10:47:53	2	0	11	11	0	1.0370	1.0369	-0.0001	0.9879	0.988	-0.0001
2024-01-03T10:49:39	5	0	1	0	1	1.0588	null	null	-0.9989	-0.9989	0.0000
2024-01-03T10:49:51	2	0	242	240	2	1.0609	1.0608	0.0000	-0.983	-0.983	0.0000
2024-01-03T10:51:59	1	0	5	5	0	1.0423	1.0423	-0.0001	0.9978	0.9978	0.0000
2024-01-03T10:52:24	2	0	58	56	2	0.9397	0.9408	0.0010	-0.9977	-0.9975	-0.0002
2024-01-03T10:53:24	1	0	3	3	0	1.0495	1.0491	-0.0004	0.9999	0.9999	0.0000
2024-01-03T10:54:49	1	0	12	11	1	1.0459	1.0459	0.0000	0.9931	0.9931	0.0000
2024-01-03T10:54:57	3	0	390	387	3	1.0661	1.0661	0.0000	0.9837	0.9836	0.0001
2024-01-03T10:55:15	1	0	18	18	0	1.0485	1.0484	-0.0001	0.9995	0.9995	0.0000
2024-01-03T10:55:21	1	0	2	2	0	1.0296	1.0296	-0.0001	0.9693	0.9692	0.0001
2024-01-03T10:56:57	2	0	1	0	1	1.0652	null	null	0.9979	0.9979	0.0000
2024-01-03T10:57:19	1	0	16	15	1	1.0473	1.0471	-0.0002	0.9929	0.9928	0.0001
2024-01-03T10:58:07	1	0	2	2	0	0.9940	0.9937	-0.0003	0.9658	0.9654	0.0004
2024-01-03T10:58:54	5	0	29	26	3	1.0494	1.0487	-0.0006	0.9996	0.9996	0.0000
2024-01-03T10:59:01	1	0	3	3	0	1.0354	1.0352	-0.0002	0.9784	0.9783	0.0001
2024-01-03T11:00:17	1	0	29	29	0	0.9479	0.9480	0.0001	0.9515	0.9513	0.0002
2024-01-03T11:00:25	1	0	5	5	0	1.0464	1.0463	-0.0001	0.9958	0.9957	0.0001
2024-01-03T11:02:03	1	0	28	26	2	1.0524	1.0519	-0.0005	0.9713	0.9711	0.0002
2024-01-03T11:02:08	1	0	87	87	0	0.9415	0.9415	0.0000	0.9895	0.9897	-0.0002
2024-01-03T11:02:34	3	0	2	2	0	1.0651	1.0642	-0.0009	0.9999	0.9998	0.0001
2024-01-03T11:04:49	5	0	10	9	1	1.0323	1.0321	-0.0003	0.999	0.9989	0.0001
2024-01-03T11:04:52	1	0	202	201	1	1.0595	1.0594	0.0000	-0.9868	-0.9868	0.0000
2024-01-03T11:06:05	1	0	4	4	0	1.0479	1.0477	-0.0002	0.9901	0.9751	0.0150
2024-01-03T11:06:30	3	0	1	1	0	1.0564	1.0552	-0.0012	0.9998	0.9997	0.0001

2024-01-03T11:11:54	2	0	118	117	1	1.0513	1.0513	-0.0001	0.9937	0.9937	0.0000
2024-01-03T11:12:29	5	0	9	9	0	1.0330	1.0328	-0.0002	0.9867	0.9853	0.0014
2024-01-03T11:12:46	5	0	14	14	0	1.0413	1.0409	-0.0003	-0.9999	-0.9999	0.0000
2024-01-03T11:13:34	1	0	3	3	0	1.0369	1.0367	-0.0002	0.9995	0.9995	0.0000
2024-01-03T11:14:08	2	0	41	40	1	1.0520	1.0519	-0.0001	0.9807	0.9807	0.0000
2024-01-03T11:15:40	1	0	4	4	0	1.0350	1.0350	0.0000	-0.9992	-0.9992	0.0000
2024-01-03T11:15:45	2	0	6	6	0	1.0475	1.0473	-0.0002	0.9972	0.9972	0.0000
2024-01-03T11:18:23	2	0	3	3	0	1.0506	1.0503	-0.0002	1	1	0.0000
2024-01-03T11:18:55	4	0	1	0	1	1.0339	null	null	-1	-1	0.0000
2024-01-03T11:22:51	1	0	2	2	0	1.0486	1.0484	-0.0002	0.9909	0.9907	0.0002
2024-01-03T11:23:28	2	0	1	1	0	1.0566	1.0555	-0.0011	0.9863	0.9861	0.0002
2024-01-03T11:24:29	1	0	18	17	1	1.0479	1.0480	0.0000	0.9804	0.9807	-0.0003
2024-01-03T11:26:33	2	0	2	1	1	1.0117	1.0071	-0.0046	0.9848	0.9847	0.0001
2024-01-03T11:26:59	1	0	2	2	0	1.0303	1.0301	-0.0002	0.9991	0.9991	0.0000
2024-01-03T11:27:47	1	0	13	13	0	1.0425	1.0425	-0.0001	-0.9997	-0.9997	0.0000
2024-01-03T11:29:09	7	0	64	61	3	1.0542	1.0541	-0.0001	0.9813	0.9812	0.0001
2024-01-03T11:30:04	1	0	2	2	0	0.9913	0.9912	-0.0001	0.9886	0.9888	-0.0002
2024-01-03T11:30:27	1	0	20	20	0	1.0554	1.0554	0.0000	0.9974	0.9974	0.0000
2024-01-03T11:30:46	5	0	11	11	0	1.0432	1.0432	0.0000	0.9975	0.9975	0.0000
2024-01-03T11:31:01	3	0	3	3	0	1.0497	1.0497	0.0000	0.9995	0.9991	0.0004
2024-01-03T11:31:44	2	0	1	1	0	1.0281	1.0281	0.0000	0.984	0.984	0.0000
2024-01-03T11:32:56	1	0	4	4	0	1.0337	1.0337	0.0000	0.9877	0.9879	-0.0002
2024-01-03T11:33:24	2	0	5	6	-1	1.0488	1.0482	-0.0006	-1	-1	0.0000
2024-01-03T11:33:56	2	0	1	1	0	1.0354	1.0351	-0.0003	-1	-1	0.0000
2024-01-03T11:35:21	1	0	152	151	1	1.0541	1.0541	0.0000	0.9896	0.9896	0.0000
2024-01-03T11:37:02	1	0	2	2	0	1.0486	1.0486	0.0000	0.9976	0.9976	0.0000
2024-01-03T11:37:39	1	0	1	1	0	1.0246	1.0246	0.0000	0.9871	0.9869	0.0002
2024-01-03T11:42:00	2	0	5	5	0	0.9410	0.9410	0.0001	0.9984	0.9984	0.0000
2024-01-03T11:43:01	2	0	1	1	0	1.0401	1.0401	0.0000	-0.9987	-0.9987	0.0000
2024-01-03T11:43:49	3	0	11	11	0	1.0418	1.0417	-0.0001	0.9936	0.9935	0.0001
2024-01-03T11:45:20	4	0	4	3	1	1.0530	1.0513	-0.0017	0.9603	0.9601	0.0002
2024-01-03T11:45:28	1	0	10	10	0	1.0532	1.0532	0.0000	0.9953	0.9953	0.0000
2024-01-03T11:46:02	3	0	4	4	0	1.0489	1.0489	0.0000	0.9994	0.9994	0.0000
2024-01-03T11:46:45	2	0	2	2	0	1.0358	1.0358	0.0000	0.985	0.985	0.0000
2024-01-03T11:47:19	1	0	6	6	0	1.0318	1.0316	-0.0002	0.9946	0.9946	0.0000
2024-01-03T11:47:57	1	0	4	4	0	1.0335	1.0335	0.0000	0.9855	0.9857	-0.0002
2024-01-03T11:51:28	7	0	73	72	1	0.9810	0.9766	-0.0045	0.9996	0.9996	0.0000
2024-01-03T11:52:03	1	0	2	2	0	1.0475	1.0475	0.0000	0.9978	0.9978	0.0000
2024-01-03T11:53:26	1	0	1	1	0	1.0562	1.0559	-0.0003	0.9921	0.9919	0.0002
2024-01-03T11:53:30	2	0	2	2	0	1.0318	1.0317	-0.0002	0.982	0.9821	-0.0001
2024-01-03T11:54:25	2	0	69	69	0	0.9443	0.9443	0.0000	0.9969	0.9969	0.0000
2024-01-03T11:56:06	3	0	2	2	0	1.0591	1.0587	-0.0004	0.9943	0.9942	0.0001
2024-01-03T11:56:33	2	0	13	12	1	1.0530	1.0527	-0.0003	0.9866	0.9865	0.0001
2024-01-03T11:56:35	3	0	7	8	-1	0.9433	0.9434	0.0001	0.9797	0.9798	-0.0001
2024-01-03T11:57:01	1	0	1	0	1	1.0581	null	null	0.999	0.999	0.0000
2024-01-03T12:00:29	1	0	25	26	-1	1.0548	1.0549	0.0000	0.996	0.996	0.0000
2024-01-03T12:02:58	1	0	4	4	0	1.0341	1.0341	0.0000	0.9867	0.9862	0.0005
2024-01-03T12:03:26	1	0	1	1	0	1.0606	1.0606	0.0000	-1	-1	0.0000
2024-01-03T12:04:29	1	0	1	1	0	1.0622	1.0622	0.0000	1	1	0.0000
2024-01-03T12:06:42	1	0	17	17	0	1.0444	1.0444	0.0000	0.998	0.9979	0.0001
2024-01-03T12:07:04	1	0	2	2	0	1.0452	1.0452	0.0000	0.9954	0.9954	0.0000
2024-01-03T12:08:31	1	0	2	2	0	1.0294	1.0294	0.0000	0.9826	0.9826	0.0000
2024-01-03T12:09:24	1	0	80	80	0	1.1125	1.1118	-0.0007	-0.9971	-0.9972	0.0001
2024-01-03T12:12:02	1	0	1	2	-1	1.0303	1.0427	0.0124	0.9985	0.9985	0.0000
2024-01-03T12:16:04	1	0	4	4	0	1.0509	1.0508	0.0000	0.9986	0.9986	0.0000
2024-01-03T12:16:47	2	0	2	2	0	1.0307	1.0307	0.0000	0.9844	0.9844	0.0000
2024-01-03T12:25:27	1	0	8	8	0	1.0476	1.0476	0.0000	0.966	0.9709	-0.0049
2024-01-03T12:30:50	4	0	7	10	-3	1.0426	1.0431	0.0006	0.9954	0.9954	0.0000
2024-01-03T12:34:10	1	0	1	1	0	1.0042	1.0041	-0.0001	0.9758	0.9756	0.0002
2024-01-03T12:39:28	1	0	68	69	-1	0.9398	0.9399	0.0001	0.997	0.997	0.0000
2024-01-03T12:42:05	2	0	12	11	1	0.9408	0.9406	-0.0002	0.9967	0.9967	0.0000
2024-01-03T12:53:36	3	0	7	8	-1	1.0507	1.0513	0.0006	0.9999	0.9999	0.0000
2024-01-03T12:53:42	1	0	3	3	0	1.0538	1.0530	-0.0008	0.9337	0.9337	0.0000
2024-01-03T12:56:37	1	0	15	14	1	1.0517	1.0514	-0.0003	0.9876	0.9876	0.0000
2024-01-03T13:13:08	1	0	3	4	-1	1.0415	1.0410	-0.0005	-0.9975	-0.9974	-0.0001
2024-01-03T13:15:53	2	0	26	25	1	1.0494	1.0491	-0.0003	0.9966	0.9966	0.0000
2024-01-03T13:19:21	1	0	23	23	0	1.0504	1.0504	0.0000	0.9866	0.9866	0.0000
2024-01-03T13:24:32	1	0	19	19	0	1.0479	1.0479	0.0000	0.9979	0.9979	0.0000
2024-01-03T13:30:27	4	0	32	32	0	0.9476	0.9476	0.0000	0.9326	0.9324	0.0002
2024-01-03T13:40:37	2	0	2	2	0	1.0306	1.0295	-0.0011	0.9982	0.9981	0.0001
2024-01-03T13:45:55	3	0	20	19	1	1.0491	1.0486	-0.0005	0.9972	0.9967	0.0005
2024-01-03T13:53:38	1	0	1	1	0	1.0577	1.0575	-0.0002	0.9876	0.9876	0.0000
2024-01-03T14:06:37	2	0	69	69	0	0.9718	0.9717	-0.0002	0.9977	0.9977	0.0000
2024-01-03T14:06:42	6	0	2	2	0	1.0591	1.0588	-0.0003	1	1	0.0000
2024-01-03T14:08:35	1	0	1	1	0	1.0560	1.0559	-0.0001	0.9926	0.9926	0.0000
2024-01-03T14:08:39	1	0	1	1	0	1.0551	1.0550	-0.0001	0.9872	0.9871	0.0001
2024-01-03T14:08:41	3	0	16	13	3	1.0544	1.0540	-0.0003	0.9939	0.9939	0.0000
2024-01-03T14:09:32	1	0	68	58	10	1.0601	1.0594	-0.0007	-0.9988	-0.9961	-0.0027
2024-01-03T14:09:40	2	0	6	7	-1	1.0459	1.0459	0.0000	0.9864	0.987	-0.0006
2024-01-03T14:10:02	1	0	9	9	0	1.0488	1.0488	0.0000	0.9832	0.9832	0.0000
2024-01-03T14:10:34	1	0	13	11	2	1.0501	1.0490	-0.0011	0.9663	0.9658	0.0005
2024-01-03T14:10:39	1	0	2	2	0	1.0314	1.0310	-0.0004	0.9983	0.9983	0.0000
2024-01-03T14:11:14	2	0	4	4	0	1.0499	1.0498	0.0000	0.9927	0.9926	0.0001
2024-01-03T14:12:41	4	0	79	46	33	0.9742	1.0067	0.0325	0.9824	0.9834	-0.0010
2024-01-03T14:13:13	1	0	4	4	0	1.0423	1.0422	-0.0001	-0.9973	-0.9974	0.0001

2024-01-03T14:15:30	4	0	3	3	0	0.9909	0.9910	0.0001	0.9309	0.9311	-0.0002
2024-01-03T14:15:38	1	0	31	30	1	1.0544	1.0550	0.0007	0.9966	0.9966	0.0000
2024-01-03T14:15:52	1	0	1	1	0	1.0418	1.0418	0.0000	-0.9986	-0.9986	0.0000
2024-01-03T14:17:21	3	0	4	5	-1	0.9413	0.9418	0.0005	-0.9936	-0.9937	0.0001
2024-01-03T14:18:43	21	0	3	0	3	0.9585	null	null	0.9858	0.9861	-0.0003
2024-01-03T14:18:54	5	0	6	7	-1	0.9292	0.9310	0.0018	0.9886	0.9881	0.0005
2024-01-03T14:21:38	10	0	69	69	0	0.9732	0.9729	-0.0003	0.9974	0.9965	0.0009
2024-01-03T14:22:38	4	0	58	56	2	0.9395	0.9397	0.0003	-0.9975	-0.9965	-0.0010
2024-01-03T14:23:36	1	0	1	1	0	1.0574	1.0573	-0.0001	0.9935	0.9935	0.0000
2024-01-03T14:23:42	3	0	40	38	2	1.0552	1.0551	-0.0001	0.9996	0.9996	0.0000
2024-01-03T14:24:36	1	0	2	2	0	1.0462	1.0462	0.0000	0.9932	0.9932	0.0000
2024-01-03T14:24:41	1	0	16	16	0	1.0464	1.0464	0.0000	0.9869	0.9873	-0.0004
2024-01-03T14:25:40	1	0	2	2	0	1.0288	1.0283	-0.0005	0.9987	0.9986	0.0001
2024-01-03T14:26:15	2	0	4	4	0	1.0525	1.0524	-0.0002	0.9947	0.9946	0.0001
2024-01-03T14:28:14	1	0	6	6	0	1.0429	1.0429	0.0000	-0.9976	-0.9976	0.0000
2024-01-03T14:29:30	4	0	1	1	0	1.0388	1.0388	0.0000	-0.9917	-0.9916	-0.0001
2024-01-03T14:30:31	2	0	29	28	1	1.0517	1.0517	-0.0001	-0.9878	-0.9879	0.0001
2024-01-03T14:30:39	1	0	44	43	1	1.0588	1.0588	0.0000	0.997	0.997	0.0000
2024-01-03T14:30:58	5	0	34	33	1	1.0476	1.0474	-0.0001	0.9974	0.9974	0.0000
2024-01-03T14:31:56	2	0	2	2	0	1.0337	1.0334	-0.0004	0.984	0.9839	0.0001
2024-01-03T14:31:58	1	0	8	8	0	1.0481	1.0479	-0.0002	0.9972	0.9971	0.0001
2024-01-03T14:32:27	2	0	13	12	1	1.0499	1.0494	-0.0005	0.9957	0.9957	0.0000
2024-01-03T14:33:44	20	0	6	4	2	0.9560	0.9658	0.0098	0.9871	0.9874	-0.0003
2024-01-03T14:33:55	1	0	7	7	0	0.9307	0.9308	0.0001	0.9854	0.985	0.0004
2024-01-03T14:35:07	2	0	204	202	2	1.0599	1.0599	0.0000	-0.9776	-0.9776	0.0000
2024-01-03T14:36:39	6	0	70	70	0	0.9772	0.9772	-0.0001	0.9988	0.9987	0.0001
2024-01-03T14:38:12	2	0	9	9	0	1.0447	1.0444	-0.0002	0.9949	0.9948	0.0001
2024-01-03T14:38:37	1	0	1	1	0	1.0554	1.0553	-0.0001	0.9937	0.9936	0.0001
2024-01-03T14:38:43	2	0	45	45	0	1.0551	1.0551	0.0000	0.9997	0.9997	0.0000
2024-01-03T14:39:34	1	0	80	80	0	1.1389	1.1383	-0.0007	-0.9976	-0.9992	0.0016
2024-01-03T14:40:35	2	0	6	6	0	1.0544	1.0540	-0.0004	-1	1	0.0000
2024-01-03T14:41:16	1	0	10	10	0	1.0477	1.0477	0.0000	0.9955	0.9955	0.0000
2024-01-03T14:41:25	1	0	28	28	0	1.0530	1.0530	0.0000	0.9971	0.997	0.0001
2024-01-03T14:42:43	1	0	8	9	-1	1.0333	1.0345	0.0012	0.9896	0.9889	0.0007
2024-01-03T14:45:32	1	0	20	20	0	1.0506	1.0506	0.0000	-0.9916	-0.9915	-0.0001
2024-01-03T14:45:40	1	0	51	50	1	1.0596	1.0595	0.0000	0.9976	0.9976	0.0000
2024-01-03T14:45:59	2	0	24	23	1	1.0465	1.0465	0.0000	0.9967	0.9967	0.0000
2024-01-03T14:51:40	1	0	67	67	0	0.9591	0.9591	0.0000	0.9986	0.998	0.0006
2024-01-03T14:55:42	1	0	4	4	0	1.0318	1.0318	0.0000	0.9984	0.9984	0.0000
2024-01-03T15:02:24	2	0	1	1	0	0.9388	0.9388	0.0000	-0.9919	-0.9919	0.0000
2024-01-03T15:20:08	1	0	12	12	0	1.0357	1.0357	0.0000	0.9993	0.9994	-0.0001
2024-01-03T15:24:45	1	0	23	23	0	1.0492	1.0492	0.0000	0.9849	0.9854	-0.0005
2024-01-03T15:29:52	1	0	11	10	1	1.0554	1.0554	0.0000	0.9686	0.9686	0.0000
2024-01-03T15:41:04	1	0	2	2	0	1.0013	1.0014	0.0001	-0.9703	-0.9694	-0.0009
2024-01-03T15:42:47	2	0	4	4	0	1.0337	1.0337	0.0000	0.9887	0.9881	0.0006
2024-01-03T15:48:41	1	0	1	1	0	1.0323	1.0320	-0.0003	-0.9997	-0.9997	0.0000
2024-01-03T15:48:50	1	0	6	6	0	0.9549	0.9549	0.0000	0.9876	0.9876	0.0000
2024-01-03T15:49:23	2	0	1	0	1	0.9709	null	null	0.9745	0.9745	0.0000
2024-01-03T15:54:47	1	0	52	53	-1	1.0538	1.0537	-0.0001	0.9921	0.992	0.0001
2024-01-03T15:55:04	1	0	31	31	0	1.0463	1.0464	0.0001	0.9975	0.9975	0.0000
2024-01-03T15:59:07	1	0	3	3	0	1.0373	1.0372	-0.0001	0.9854	0.9853	0.0001
2024-01-03T16:00:37	3	0	4	4	0	0.9575	0.9578	0.0004	0.9533	0.9534	-0.0001
2024-01-03T16:11:52	1	0	5	5	0	0.9435	0.9435	0.0000	0.9786	0.9786	0.0000
2024-01-03T16:24:49	1	0	466	466	0	1.0638	1.0637	-0.0001	-0.9972	-0.9972	0.0000
2024-01-03T16:27:50	1	0	5	5	0	1.0244	1.0244	-0.0001	0.9589	0.9763	-0.0174
2024-01-03T16:39:50	1	0	495	494	1	1.0656	1.0655	-0.0001	-0.9987	-0.9988	0.0001
2024-01-03T16:49:27	2	0	1	1	0	0.9609	0.9615	0.0006	0.9759	0.9759	0.0000
2024-01-03T16:51:53	1	0	4	4	0	0.9433	0.9435	0.0001	0.9999	0.9999	0.0000
2024-01-03T17:06:43	1	0	3	3	0	1.0413	1.0413	-0.0001	-0.9924	-0.9924	0.0000
2024-01-03T18:19:12	1	0	110	110	0	0.9216	0.9216	0.0000	0.9913	0.9913	0.0000
2024-01-04T07:50:12	2	0	13	12	1	0.9425	0.9424	-0.0001	-0.9313	-0.9297	-0.0016
2024-01-04T07:51:46	1	0	106	106	0	0.9158	0.9159	0.0001	0.9808	0.9809	-0.0001
2024-01-04T07:55:31	1	0	65	65	0	0.9420	0.9421	0.0001	-0.995	-0.9946	-0.0004
2024-01-04T08:17:06	1	0	794	794	0	1.0764	1.0764	0.0000	0.9975	0.9975	0.0000
2024-01-04T08:18:17	1	0	26	21	5	0.9641	0.9643	0.0002	0.9886	0.9889	-0.0003
2024-01-04T08:21:48	1	0	103	103	0	0.9140	0.9141	0.0001	0.9802	0.9802	0.0000
2024-01-04T08:24:37	2	0	85	85	0	0.9060	0.9060	0.0001	0.9975	0.9968	0.0007
2024-01-04T08:29:19	1	0	15	15	0	1.0506	1.0505	0.0000	0.9997	0.9997	0.0000
2024-01-04T08:36:42	1	0	6	6	0	0.9408	0.9411	0.0003	-0.9998	-0.9997	-0.0001
2024-01-04T08:57:32	2	0	120	118	2	0.9421	0.9421	0.0000	0.9969	0.9969	0.0000
2024-01-04T08:58:10	1	0	277	276	1	1.0601	1.0601	0.0000	0.9876	0.9876	0.0000
2024-01-04T08:59:56	1	0	423	423	0	0.9291	0.9292	0.0000	0.9817	0.9817	0.0000
2024-01-04T09:05:17	2	0	29	26	3	0.9418	0.9420	0.0001	0.9953	0.9953	0.0000
2024-01-04T09:06:51	2	0	100	98	2	0.9187	0.9191	0.0004	0.9867	0.9865	0.0002
2024-01-04T09:08:03	1	0	78	77	1	1.0539	1.0539	0.0000	-0.9873	-0.9872	-0.0001
2024-01-04T09:10:36	1	0	83	82	1	0.9389	0.9391	0.0001	-0.9968	-0.9965	-0.0003
2024-01-04T09:12:38	4	0	218	215	3	1.0604	1.0605	0.0001	-0.9965	-0.9982	0.0017
2024-01-04T09:13:11	1	0	271	269	2	1.0599	1.0599	0.0000	0.9852	0.9852	0.0000
2024-01-04T09:14:22	1	0	27	27	0	1.0538	1.0537	-0.0001	0.9998	0.9998	0.0000
2024-01-04T09:15:08	3	0	4	4	0	0.9906	0.9899	-0.0007	-1	-1	0.0000
2024-01-04T09:17:10	2	0	795	794	1	1.0770	1.0770	0.0000	0.9977	0.9977	0.0000
2024-01-04T09:18:08	3	0	252	252	0	0.9222	0.9223	0.0001	0.9425	0.9425	0.0000
2024-01-04T09:18:21	2	0	27	17	10	0.9487	0.9494	0.0007	0.9913	0.9915	-0.0002
2024-01-04T09:20:18	1	0	18	17	1	1.0495	1.0497	0.0001	0.9759	0.9758	0.0001
2024-01-04T09:21:45	1	0	1	1	0	0.9396	0.9403	0.0007	-0.9999	-0.9998	-0.0001

2024-01-04T09:24:17	2	0	3	3	0	1.0502	1.0498	-0.0003	0.989	0.9887	0.0003
2024-01-04T09:24:41	1	0	78	76	2	0.9102	0.9103	0.0001	0.9973	0.9967	0.0006
2024-01-04T09:25:17	1	0	1	1	0	0.9438	0.9441	0.0003	0.9821	0.9821	0.0000
2024-01-04T09:30:37	2	0	4	4	0	1.0128	1.0130	0.0002	0.9976	0.9977	-0.0001
2024-01-04T09:31:00	1	0	2	2	0	1.0255	1.0254	-0.0002	-0.9978	-0.9978	0.0000
2024-01-04T09:31:45	1	0	2	2	0	1.0390	1.0389	-0.0001	0.9998	0.9998	0.0000
2024-01-04T09:35:21	4	0	13	13	0	1.0503	1.0497	-0.0006	0.9999	0.9999	0.0000
2024-01-04T09:41:45	1	0	11	10	1	1.0500	1.0494	-0.0006	0.9863	0.9862	0.0001
2024-01-04T09:42:35	1	0	59	58	1	0.9421	0.9424	0.0003	0.997	0.9971	-0.0001
2024-01-04T09:43:13	2	0	250	248	2	1.0597	1.0597	0.0000	0.9888	0.9888	0.0000
2024-01-04T09:44:24	3	0	28	25	3	1.0529	1.0524	-0.0005	0.9998	0.9998	0.0000
2024-01-04T09:47:18	2	0	5	5	0	1.0316	1.0313	-0.0003	0.9852	0.9851	0.0001
2024-01-04T09:48:55	1	0	3	3	0	1.0409	1.0407	-0.0001	-1	-1	0.0000
2024-01-04T09:50:02	2	0	26	22	4	0.9419	0.9420	0.0001	-0.9898	-0.9894	-0.0004
2024-01-04T09:50:22	2	0	11	11	0	1.0490	1.0487	-0.0002	1	1	0.0000
2024-01-04T09:54:22	1	0	79	78	1	1.0494	1.0493	-0.0001	0.9995	0.9995	0.0000
2024-01-04T09:55:05	2	0	1	1	0	0.9439	0.9448	0.0009	0.9822	0.9821	0.0001
2024-01-04T09:55:39	1	0	96	96	0	0.9344	0.9346	0.0002	-0.9971	-0.9967	-0.0004
2024-01-04T09:58:14	2	0	311	307	4	1.0608	1.0608	0.0000	0.9899	0.9898	0.0001
2024-01-04T09:59:25	3	0	24	23	1	1.0529	1.0527	-0.0002	0.9995	0.9996	-0.0001
2024-01-04T09:59:29	2	0	1	1	0	1.0035	1.0029	-0.0006	-0.9874	-0.9873	-0.0001
2024-01-04T10:00:23	2	0	1	1	0	0.9424	0.9428	0.0004	0.9932	0.993	0.0002
2024-01-04T10:01:29	3	0	3	3	0	1.0278	1.0276	-0.0002	0.9933	0.9931	0.0002
2024-01-04T10:02:03	2	0	3	3	0	1.0267	1.0263	-0.0004	0.99	0.9899	0.0001
2024-01-04T10:02:50	2	0	171	168	3	0.9945	0.9947	0.0002	0.9441	0.9441	0.0000
2024-01-04T10:03:30	3	0	1	0	1	0.9446	null	null	0.9677	0.9678	-0.0001
2024-01-04T10:03:38	3	0	5	5	0	1.0268	1.0270	0.0002	0.9965	0.9965	0.0000
2024-01-04T10:04:47	1	0	12	13	-1	1.0513	1.0508	-0.0006	0.9749	0.9738	0.0011
2024-01-04T10:04:55	2	0	1	1	0	1.0336	1.0330	-0.0006	0.9983	0.9982	0.0001
2024-01-04T10:05:21	1	0	25	24	1	1.0529	1.0525	-0.0004	0.9761	0.9759	0.0002
2024-01-04T10:05:23	3	0	13	13	0	1.0502	1.0495	-0.0008	0.9999	0.9999	0.0000
2024-01-04T10:08:05	4	0	7	7	0	1.0314	1.0312	-0.0002	0.9994	0.9993	0.0001
2024-01-04T10:08:07	1	0	114	113	1	1.0544	1.0544	0.0000	-0.9819	-0.9791	-0.0028
2024-01-04T10:08:18	5	0	85	85	0	0.9235	0.9246	0.0011	0.9962	0.9964	-0.0002
2024-01-04T10:09:16	1	0	1	1	0	0.9705	0.9709	0.0004	0.9816	0.9817	-0.0001
2024-01-04T10:09:41	3	0	1	0	1	1.0573	null	null	-0.9953	-0.9953	0.0000
2024-01-04T10:09:44	5	0	70	70	0	0.9297	0.9296	0.0000	0.9968	0.9967	0.0001
2024-01-04T10:11:05	3	0	4	4	0	0.9963	0.9967	0.0005	0.9868	0.9869	-0.0001
2024-01-04T10:15:14	1	0	1	1	0	1.0271	1.0267	-0.0004	0.9984	0.9983	0.0001
2024-01-04T10:16:03	2	0	2	2	0	1.0248	1.0247	-0.0002	-0.9983	-0.9983	0.0000
2024-01-04T10:16:20	1	0	2	2	0	1.0265	1.0261	-0.0003	-0.9891	-0.9891	0.0000
2024-01-04T10:17:10	4	0	9	8	1	1.0457	1.0449	-0.0007	0.9993	0.9992	0.0001
2024-01-04T10:17:20	1	0	4	4	0	1.0348	1.0347	-0.0001	0.9851	0.985	0.0001
2024-01-04T10:17:28	1	0	6	6	0	1.0063	1.0064	0.0001	0.9878	0.9878	0.0000
2024-01-04T10:17:51	2	0	146	145	1	0.9487	0.9459	-0.0028	0.9385	0.9384	0.0001
2024-01-04T10:18:29	1	0	2	0	2	1.0454	null	null	-0.9909	-0.9887	-0.0022
2024-01-04T10:18:31	2	0	1	1	0	0.9740	0.9748	0.0008	0.966	0.9662	-0.0002
2024-01-04T10:20:04	1	0	3	3	0	0.9435	0.9438	0.0003	-0.9939	-0.9938	-0.0001
2024-01-04T10:20:22	1	0	1	1	0	0.9420	0.9420	0.0000	-0.9603	-0.9602	-0.0001
2024-01-04T10:24:42	3	0	1	1	0	1.0566	1.0556	-0.0010	-0.9944	-0.9945	0.0001
2024-01-04T10:25:52	1	0	24	20	4	0.9467	0.9474	0.0007	0.9906	0.9904	0.0002
2024-01-04T10:28:41	2	0	95	95	0	0.9404	0.9404	0.0000	0.9933	0.9933	0.0000
2024-01-04T10:29:03	1	0	2	2	0	1.0457	1.0455	-0.0002	-0.9657	-0.9651	-0.0006
2024-01-04T10:31:15	2	0	10	10	0	1.0459	1.0459	0.0000	-0.9817	-0.982	0.0003
2024-01-04T10:32:11	2	0	16	15	1	1.0477	1.0473	-0.0004	0.9996	0.9996	0.0000
2024-01-04T10:32:21	1	0	3	2	1	0.9929	1.0228	0.0299	0.9833	0.9833	0.0000
2024-01-04T10:33:32	2	0	1	1	0	0.9424	0.9431	0.0007	0.9727	0.9725	0.0002
2024-01-04T10:33:58	3	0	11	10	1	1.0449	1.0445	-0.0003	-1	-1	0.0000
2024-01-04T10:34:44	5	0	6	6	0	1.0488	1.0484	-0.0004	0.9995	0.9995	0.0000
2024-01-04T10:35:00	1	0	5	5	0	1.0425	1.0423	-0.0001	0.998	0.9979	0.0001
2024-01-04T10:40:42	1	0	65	64	1	0.9380	0.9383	0.0003	-0.997	-0.9968	-0.0002
2024-01-04T10:41:49	1	0	11	10	1	1.0504	1.0494	-0.0010	0.9866	0.9865	0.0001
2024-01-04T10:45:16	2	0	1	0	1	1.0590	null	null	0.9983	0.9983	0.0000
2024-01-04T10:48:31	1	0	2	2	0	1.0468	1.0463	-0.0005	-0.9926	-0.9927	0.0001
2024-01-04T10:48:33	1	0	2	2	0	1.0003	1.0002	-0.0002	0.9613	0.9612	0.0001
2024-01-04T10:48:41	1	0	12	11	1	1.0551	1.0547	-0.0004	0.997	0.997	0.0000
2024-01-04T10:48:59	1	0	2	2	0	1.0414	1.0412	-0.0002	-1	-1	0.0000
2024-01-04T10:50:01	1	0	5	5	0	1.0434	1.0434	0.0000	0.9987	0.9987	0.0000
2024-01-04T10:50:24	3	0	24	23	1	1.0523	1.0507	-0.0016	-1	-1	0.0000
2024-01-04T10:52:43	1	0	1	1	0	1.0561	1.0557	-0.0004	0.9956	0.9955	0.0001
2024-01-04T10:55:39	2	0	1	1	0	1.0027	1.0009	-0.0018	0.9997	0.9993	0.0004
2024-01-04T10:55:43	1	0	48	48	0	0.9404	0.9406	0.0002	-0.9947	-0.9945	-0.0002
2024-01-04T10:57:21	1	0	85	84	1	1.0501	1.0500	-0.0001	0.9993	0.9993	0.0000
2024-01-04T10:58:18	4	0	372	366	6	1.0621	1.0620	-0.0001	0.9931	0.9929	0.0002
2024-01-04T10:58:39	1	0	1	1	0	1.0361	1.0359	-0.0002	0.9739	0.9737	0.0002
2024-01-04T11:00:15	3	0	4	4	0	0.9712	0.9706	-0.0006	-1	-1	0.0000
2024-01-04T11:00:33	1	0	11	11	0	1.0461	1.0460	-0.0001	0.9957	0.9957	0.0000
2024-01-04T11:02:13	5	0	13	11	2	1.0485	1.0478	-0.0006	0.9996	0.9996	0.0000
2024-01-04T11:02:54	2	0	95	91	4	0.9886	0.9838	-0.0048	0.9468	0.9467	0.0001
2024-01-04T11:03:42	2	0	15	14	1	1.0562	1.0561	0.0000	0.9976	0.9975	0.0001
2024-01-04T11:03:46	1	0	1	1	0	1.0213	1.0209	-0.0004	0.9782	0.9781	0.0001
2024-01-04T11:03:55	1	0	4	4	0	1.0229	1.0228	-0.0001	-0.9987	-0.9987	0.0000
2024-01-04T11:05:25	2	0	21	20	1	1.0509	1.0505	-0.0004	0.9752	0.9748	0.0004
2024-01-04T11:05:25	7	0	41	40	1	1.0536	1.0535	-0.0001	-1	-1	0.0000
2024-01-04T11:05:33	1	0	3	3	0	0.9925	0.9925	0.0000	-0.9657	-0.9656	-0.0001

2024-01-04T11:06:37	2	0	11	10	1	1.0487	1.0489	0.0002	-0.9989	-0.999	0.0001
2024-01-04T11:09:24	1	0	9	9	0	1.0504	1.0504	-0.0001	0.9883	0.9879	0.0004
2024-01-04T11:09:48	2	0	67	66	1	0.9559	0.9460	-0.0100	0.9975	0.9975	0.0000
2024-01-04T11:10:20	1	0	12	9	3	1.0485	1.0482	-0.0004	0.9968	0.9968	0.0000
2024-01-04T11:10:44	1	0	93	93	0	0.9352	0.9354	0.0002	-0.9943	-0.994	-0.0003
2024-01-04T11:10:50	1	0	14	14	0	1.0528	1.0528	0.0000	0.9563	0.9557	0.0006
2024-01-04T11:11:43	1	0	1	0	1	1.0552	null	null	-0.9999	-0.9999	0.0000
2024-01-04T11:11:46	1	0	2	2	0	1.0267	1.0264	-0.0004	0.9853	0.9852	0.0001
2024-01-04T11:11:51	1	0	13	12	1	1.0533	1.0530	-0.0003	0.9854	0.9854	0.0000
2024-01-04T11:12:22	1	0	103	102	1	1.0518	1.0518	-0.0001	0.9993	0.9993	0.0000
2024-01-04T11:12:37	1	0	5	4	1	1.0644	1.0617	-0.0027	-0.9885	-0.9886	0.0001
2024-01-04T11:12:46	2	0	23	22	1	1.0492	1.0487	-0.0006	0.9941	0.9943	-0.0002
2024-01-04T11:13:01	1	0	3	3	0	0.9832	0.9835	0.0003	0.991	0.9911	-0.0001
2024-01-04T11:13:19	2	0	404	403	1	1.0634	1.0633	-0.0001	0.9948	0.9946	0.0002
2024-01-04T11:13:32	1	0	11	11	0	1.0462	1.0461	-0.0001	0.9998	0.9998	0.0000
2024-01-04T11:13:45	3	0	2	1	1	1.0300	1.0264	-0.0037	-0.9999	-0.9999	0.0000
2024-01-04T11:14:21	2	0	10	10	0	1.0385	1.0384	-0.0001	0.9977	0.9977	0.0000
2024-01-04T11:15:16	3	0	3	3	0	0.9789	0.9785	-0.0004	-0.997	-0.9971	0.0001
2024-01-04T11:16:26	1	0	1	1	0	1.0331	1.0325	-0.0006	0.9803	0.9796	0.0007
2024-01-04T11:16:34	1	0	4	4	0	1.0398	1.0398	0.0000	0.9936	0.9935	0.0001
2024-01-04T11:19:04	6	0	22	20	2	1.0481	1.0475	-0.0006	0.9997	0.9997	0.0000
2024-01-04T11:20:31	2	0	2	2	0	1.0353	1.0350	-0.0004	-0.9997	-0.9997	0.0000
2024-01-04T11:20:34	1	0	1	1	0	0.9397	0.9397	0.0000	0.9942	0.9941	0.0001
2024-01-04T11:22:00	2	0	78	77	1	0.9260	0.9260	0.0000	0.9851	0.985	0.0001
2024-01-04T11:22:45	1	0	2	2	0	1.0478	1.0476	-0.0002	0.9952	0.9951	0.0001
2024-01-04T11:22:59	5	0	6	5	1	1.0519	1.0501	-0.0018	-0.9878	-0.9879	0.0001
2024-01-04T11:23:12	4	0	153	148	5	1.0578	1.0577	-0.0001	-0.98	-0.98	0.0000
2024-01-04T11:24:49	1	0	67	67	0	0.9315	0.9315	0.0000	0.9957	0.9957	0.0000
2024-01-04T11:26:48	3	0	39	34	5	1.0547	1.0544	-0.0004	-1	-1	0.0000
2024-01-04T11:27:23	1	0	127	126	1	1.0523	1.0523	0.0000	0.9995	0.9995	0.0000
2024-01-04T11:27:42	1	0	76	76	0	0.9402	0.9402	0.0000	0.9971	0.9971	0.0000
2024-01-04T11:28:02	1	0	3	3	0	1.0560	1.0555	-0.0005	0.9939	0.9937	0.0002
2024-01-04T11:29:22	1	0	9	9	0	1.0393	1.0393	0.0000	0.9971	0.9971	0.0000
2024-01-04T11:30:17	5	0	2	2	0	0.9313	0.9313	0.0000	-1	-1	0.0000
2024-01-04T11:30:46	3	0	2	2	0	1.0397	1.0397	-0.0001	0.9985	0.9984	0.0001
2024-01-04T11:30:48	1	0	1	0	1	1.0209	null	null	0.9984	0.9983	0.0001
2024-01-04T11:31:19	2	0	4	5	-1	1.0423	1.0427	0.0004	-0.9954	-0.9954	0.0000
2024-01-04T11:31:35	2	0	3	3	0	1.0420	1.0420	0.0000	0.993	0.9928	0.0002
2024-01-04T11:32:25	2	0	1	1	0	1.0277	1.0277	0.0000	0.9873	0.9873	0.0000
2024-01-04T11:32:50	1	0	14	14	0	0.9703	0.9703	0.0000	0.9835	0.9834	0.0001
2024-01-04T11:33:30	2	0	1	1	0	1.0347	1.0346	-0.0001	0.9895	0.9898	-0.0003
2024-01-04T11:35:19	6	0	15	15	0	0.9386	0.9467	0.0081	0.9958	0.9961	-0.0003
2024-01-04T11:35:30	1	0	1	0	1	1.0605	null	null	0.991	0.9923	-0.0013
2024-01-04T11:36:39	1	0	2	2	0	1.0612	1.0612	0.0000	-0.9992	-0.9992	0.0000
2024-01-04T11:38:13	2	0	134	133	1	1.0565	1.0565	0.0000	-0.9808	-0.9807	-0.0001
2024-01-04T11:39:26	3	0	5	6	-1	1.0491	1.0476	-0.0014	0.9856	0.9768	0.0088
2024-01-04T11:39:50	5	0	79	79	0	0.9166	0.9166	0.0000	0.9918	0.9918	0.0000
2024-01-04T11:39:58	1	0	24	24	0	1.0473	1.0473	0.0000	-0.9999	-0.9999	0.0000
2024-01-04T11:41:11	3	0	1	1	0	1.0363	1.0363	0.0000	0.9861	0.9851	0.0010
2024-01-04T11:41:45	1	0	1	1	0	1.0566	1.0560	-0.0006	0.9999	0.9999	0.0000
2024-01-04T11:43:41	1	0	18	17	1	1.0522	1.0518	-0.0003	-0.9983	-0.9983	0.0000
2024-01-04T11:43:47	1	0	2	2	0	1.0276	1.0276	0.0000	-0.9994	-0.9995	0.0001
2024-01-04T11:46:36	3	0	3	3	0	1.0407	1.0407	0.0000	0.9935	0.9933	0.0002
2024-01-04T11:47:26	2	0	1	1	0	0.9444	0.9444	0.0000	0.9865	0.9866	-0.0001
2024-01-04T11:48:37	4	0	4	3	1	0.9874	0.9616	-0.0258	0.9519	0.9519	0.0000
2024-01-04T11:48:58	1	0	3	3	0	1.0451	1.0451	0.0000	-0.9994	-0.9994	0.0000
2024-01-04T11:49:22	1	0	7	6	1	1.0531	1.0511	-0.0020	0.997	0.9969	0.0001
2024-01-04T11:53:14	1	0	123	123	0	1.0557	1.0557	0.0000	-0.9822	-0.9821	-0.0001
2024-01-04T11:54:51	5	0	78	78	0	0.9248	0.9248	0.0001	0.9916	0.9917	-0.0001
2024-01-04T11:56:12	3	0	6	6	0	1.0455	1.0455	0.0000	0.9858	0.9858	0.0000
2024-01-04T11:57:44	2	0	101	101	0	0.9345	0.9345	0.0000	0.9971	0.9971	0.0000
2024-01-04T11:58:04	1	0	2	2	0	1.0138	1.0139	0.0001	0.9977	0.9977	0.0000
2024-01-04T11:58:42	1	0	1	1	0	1.0988	1.0988	0.0000	-0.999	-0.999	0.0000
2024-01-04T11:58:48	1	0	2	3	-1	1.0287	1.0356	0.0069	-0.9997	-0.9997	0.0000
2024-01-04T12:02:27	2	0	2	2	0	0.9839	0.9839	0.0000	0.9795	0.9795	0.0000
2024-01-04T12:03:32	1	0	1	2	-1	1.0359	0.9900	-0.0459	0.9896	0.9897	-0.0001
2024-01-04T12:05:21	7	0	7	7	0	1.0298	1.0297	-0.0001	-1	-1	0.0000
2024-01-04T12:06:41	3	0	1	0	1	1.0555	null	null	0.9266	0.9261	0.0005
2024-01-04T12:11:13	3	0	3	3	0	1.0403	1.0403	0.0000	0.9851	0.9851	0.0000
2024-01-04T12:12:45	1	0	82	82	0	0.9377	0.9377	0.0000	0.9966	0.9966	0.0000
2024-01-04T12:15:20	8	0	2	3	-1	0.9743	0.9843	0.0100	0.9996	0.9997	-0.0001
2024-01-04T12:16:38	2	0	3	3	0	1.0419	1.0419	0.0000	0.9926	0.9927	-0.0001
2024-01-04T12:17:28	7	0	28	26	2	1.0520	1.0517	-0.0003	0.9826	0.9825	0.0001
2024-01-04T12:21:53	9	0	5	5	0	1.0263	1.0254	-0.0009	0.9905	0.9903	0.0002
2024-01-04T12:22:19	1	0	1	1	0	1.0568	1.0568	0.0000	-0.9957	-0.9957	0.0000
2024-01-04T12:31:39	1	0	1	1	0	1.0283	1.0282	-0.0001	0.9926	0.9925	0.0001
2024-01-04T12:35:40	1	0	8	8	0	1.0356	1.0355	-0.0001	0.9943	0.9942	0.0001
2024-01-04T12:36:54	2	0	2	2	0	1.0253	1.0252	-0.0002	0.9904	0.9904	0.0000
2024-01-04T12:39:30	3	0	8	9	-1	1.0514	1.0512	-0.0002	0.9909	0.9914	-0.0005
2024-01-04T12:43:07	1	0	3	3	0	1.0282	1.0282	0.0001	0.9992	0.9993	-0.0001
2024-01-04T12:58:46	1	0	1	1	0	1.0996	1.0996	0.0000	0.9997	0.9997	0.0000
2024-01-04T13:05:33	1	0	30	29	1	1.0531	1.0527	-0.0004	0.9768	0.9768	0.0000
2024-01-04T13:09:53	1	0	3	3	0	1.0458	1.0458	0.0000	0.9828	0.9827	0.0001
2024-01-04T13:15:53	3	0	1	1	0	1.0400	1.0398	-0.0002	0.9977	0.9976	0.0001
2024-01-04T13:16:26	3	0	22	22	0	1.0473	1.0474	0.0000	-0.976	-0.9757	-0.0003

2024-01-04T13:18:28	1	0	298	298	0	1.0656	1.0649	-0.0007	-0.9685	-0.9685	0.0000
2024-01-04T13:18:43	2	0	1	0	1	1.0646	null	null	0.9755	0.9757	-0.0002
2024-01-04T13:27:00	1	0	6	7	-1	1.0508	1.0520	0.0011	0.9857	0.9857	0.0000
2024-01-04T13:39:34	1	0	7	7	0	1.0507	1.0506	-0.0001	0.9886	0.9885	0.0001
2024-01-04T13:45:00	1	0	8	7	1	1.0566	1.0552	-0.0013	0.9887	0.9887	0.0000
2024-01-04T13:45:55	3	0	1	1	0	0.9721	0.9724	0.0003	0.9973	0.9973	0.0000
2024-01-04T13:48:45	2	0	3	3	0	0.9916	0.9915	-0.0001	0.9541	0.954	0.0001
2024-01-04T14:02:35	5	0	28	27	1	1.0512	1.0510	-0.0002	0.9811	0.9811	0.0000
2024-01-04T14:03:46	1	0	1	1	0	1.0637	1.0635	-0.0002	0.9724	0.9724	0.0000
2024-01-04T14:03:54	6	0	46	47	-1	1.0569	1.0569	-0.0001	0.9961	0.9961	0.0000
2024-01-04T14:05:42	2	0	2	2	0	1.0426	1.0426	0.0000	-0.9993	-0.9993	0.0000
2024-01-04T14:06:49	2	0	12	11	1	1.0510	1.0505	-0.0004	-0.9982	-0.9983	0.0001
2024-01-04T14:07:04	1	0	5	6	-1	0.9410	0.9414	0.0004	1	1	0.0000
2024-01-04T14:09:36	1	0	4	4	0	1.0530	1.0529	-0.0001	0.9885	0.9884	0.0001
2024-01-04T14:09:57	3	0	2	2	0	1.0582	1.0578	-0.0004	-0.9967	-0.9966	-0.0001
2024-01-04T14:10:00	2	0	66	66	0	0.9364	0.9364	0.0000	0.9963	0.9963	0.0000
2024-01-04T14:11:21	2	0	1	1	0	0.9697	0.9702	0.0005	0.9847	0.9848	-0.0001
2024-01-04T14:11:54	1	0	1	1	0	1.0555	1.0551	-0.0004	0.9907	0.9905	0.0002
2024-01-04T14:11:58	1	0	1	1	0	1.0248	1.0245	-0.0003	0.9862	0.9862	0.0000
2024-01-04T14:15:02	1	0	13	13	0	1.0517	1.0516	0.0000	0.9878	0.9877	0.0001
2024-01-04T14:15:57	3	0	3	3	0	1.0076	1.0078	0.0002	0.9987	0.9987	0.0000
2024-01-04T14:16:30	3	0	17	15	2	1.0441	1.0439	-0.0002	-0.9982	-0.9983	0.0001
2024-01-04T14:17:35	1	0	10	10	0	1.0322	1.0322	-0.0001	0.9905	0.9889	0.0016
2024-01-04T14:17:36	5	0	33	32	1	1.0522	1.0520	-0.0001	0.9808	0.9807	0.0001
2024-01-04T14:18:02	1	0	11	11	0	0.9715	0.9715	0.0000	0.9677	0.9674	0.0003
2024-01-04T14:18:32	1	0	292	292	0	1.0646	1.0646	0.0000	-0.9452	-0.9451	-0.0001
2024-01-04T14:18:47	2	0	1	1	0	1.0631	1.0625	-0.0006	0.955	0.9548	0.0002
2024-01-04T14:18:55	1	0	27	27	0	1.0553	1.0553	0.0000	0.9959	0.9959	0.0000
2024-01-04T14:19:02	1	0	6	6	0	0.7448	0.7450	0.0002	0.9604	0.9606	-0.0002
2024-01-04T14:19:32	3	0	21	21	0	1.0531	1.0530	0.0000	0.9985	0.9985	0.0000
2024-01-04T14:20:15	1	0	3	3	0	1.0457	1.0457	0.0000	0.9958	0.9958	0.0000
2024-01-04T14:20:54	3	0	1	1	0	1.0353	1.0353	0.0000	0.9901	0.9901	0.0000
2024-01-04T14:21:50	3	0	8	8	0	1.0475	1.0473	-0.0003	-0.9954	-0.9955	0.0001
2024-01-04T14:23:24	1	0	152	151	1	1.0572	1.0572	0.0000	-0.9821	-0.9821	0.0000
2024-01-04T14:24:37	1	0	8	8	0	1.0514	1.0514	-0.0001	0.9923	0.9922	0.0001
2024-01-04T14:26:03	1	0	15	15	0	1.0530	1.0530	0.0000	0.9577	0.9577	0.0000
2024-01-04T14:26:56	1	0	6	6	0	1.0483	1.0483	0.0000	-0.9995	-0.9995	0.0000
2024-01-04T14:27:35	4	0	214	212	2	1.0539	1.0539	0.0000	0.9994	0.9994	0.0000
2024-01-04T14:27:50	1	0	1	1	0	1.0582	1.0582	0.0000	-0.983	-0.9829	-0.0001
2024-01-04T14:28:17	2	0	41	39	2	1.0528	1.0529	0.0001	-0.9991	-0.9991	0.0000
2024-01-04T14:28:22	1	0	11	10	1	1.0459	1.0459	0.0000	0.9934	0.9933	0.0001
2024-01-04T14:28:53	1	0	1	1	0	1.0554	1.0554	0.0000	0.9742	0.9742	0.0000
2024-01-04T14:28:57	1	0	94	94	0	0.9388	0.9388	0.0000	0.9929	0.9929	0.0000
2024-01-04T14:31:22	1	0	10	10	0	1.0380	1.0379	-0.0001	-1	-1	0.0000
2024-01-04T14:31:31	3	0	9	9	0	1.0421	1.0420	0.0000	-0.9998	-0.9998	0.0000
2024-01-04T14:31:39	5	0	22	21	1	1.0526	1.0514	-0.0011	1	1	0.0000
2024-01-04T14:32:46	1	0	5	5	0	0.9988	0.9989	0.0001	0.9799	0.98	-0.0001
2024-01-04T14:33:34	1	0	294	294	0	1.0642	1.0642	0.0000	-0.9298	-0.9297	-0.0001
2024-01-04T14:33:56	2	0	14	14	0	1.0506	1.0505	-0.0002	0.9956	0.9956	0.0000
2024-01-04T14:34:12	1	0	2	2	0	1.0332	1.0331	-0.0002	-0.9994	-0.9994	0.0000
2024-01-04T14:34:16	1	0	31	29	2	1.0490	1.0493	0.0002	1	1	0.0000
2024-01-04T14:34:33	1	0	1	1	0	1.0408	1.0406	-0.0002	0.9956	0.9956	0.0000
2024-01-04T14:35:16	1	0	3	3	0	1.0485	1.0485	0.0000	0.9952	0.9952	0.0000
2024-01-04T14:36:51	2	0	4	4	0	1.0470	1.0470	0.0000	-0.9998	-0.9998	0.0000
2024-01-04T14:38:25	3	0	157	154	3	1.0579	1.0578	-0.0001	-0.979	-0.979	0.0000
2024-01-04T14:39:38	2	0	8	8	0	1.0521	1.0519	-0.0001	0.9905	0.9902	0.0003
2024-01-04T14:40:01	1	0	2	2	0	1.0575	1.0573	-0.0002	-0.9966	-0.9966	0.0000
2024-01-04T14:40:02	2	0	66	66	0	0.9370	0.9371	0.0000	0.9971	0.9971	0.0000
2024-01-04T14:40:30	2	0	11	11	0	1.0429	1.0427	-0.0002	0.9964	0.9963	0.0001
2024-01-04T14:41:07	1	0	47	46	1	1.0506	1.0504	-0.0002	-0.979	-0.979	0.0000
2024-01-04T14:41:09	1	0	2	2	0	1.0192	1.0191	-0.0002	0.9935	0.9932	0.0003
2024-01-04T14:41:23	1	0	1	1	0	1.0229	1.0220	-0.0009	0.986	0.986	0.0000
2024-01-04T14:41:46	1	0	32	32	0	1.0547	1.0546	-0.0001	-1	-1	0.0000
2024-01-04T14:42:36	1	0	70	69	1	1.0487	1.0485	-0.0002	0.9946	0.9946	0.0000
2024-01-04T14:43:23	1	0	14	14	0	1.0464	1.0462	-0.0002	0.9934	0.9934	0.0000
2024-01-04T14:45:59	2	0	2	2	0	0.9604	0.9607	0.0003	0.9914	0.9915	-0.0001
2024-01-04T14:47:37	1	0	9	9	0	1.0359	1.0359	0.0000	0.9908	0.9908	0.0000
2024-01-04T14:48:49	2	0	1	1	0	1.0567	1.0562	-0.0005	0.9588	0.9586	0.0002
2024-01-04T14:48:58	1	0	12	12	0	1.0530	1.0530	0.0000	0.9951	0.9945	0.0006
2024-01-04T14:49:34	2	0	19	19	0	1.0532	1.0532	0.0000	0.9998	0.9998	0.0000
2024-01-04T14:50:04	1	0	2	2	0	1.0318	1.0316	-0.0002	0.96	0.9599	0.0001
2024-01-04T14:50:32	1	0	1	1	0	1.0437	1.0433	-0.0004	0.9997	0.9997	0.0000
2024-01-04T14:50:48	1	0	78	75	3	0.9446	0.9447	0.0001	-0.9955	-0.9951	-0.0004
2024-01-04T14:51:08	3	0	3	3	0	1.0610	1.0605	-0.0005	-0.9997	-0.9998	0.0001
2024-01-04T14:51:33	1	0	2	2	0	1.0371	1.0371	0.0000	0.9985	0.9985	0.0000
2024-01-04T14:57:29	1	0	2	2	0	1.0459	1.0459	0.0000	0.9874	0.9875	-0.0001
2024-01-04T14:58:16	1	0	2	2	0	1.0050	1.0052	0.0003	0.9953	0.9954	-0.0001
2024-01-04T15:00:31	7	0	4	4	0	0.9700	0.9688	-0.0011	0.9995	0.9994	0.0001
2024-01-04T15:01:24	1	0	12	11	1	1.0393	1.0401	0.0008	-0.9998	-0.9998	0.0000
2024-01-04T15:02:09	1	0	1	1	0	1.0361	1.0353	-0.0008	0.9966	0.9966	0.0000
2024-01-04T15:02:23	2	0	19	18	1	1.0425	1.0424	-0.0002	0.9956	0.9955	0.0001
2024-01-04T15:03:11	1	0	17	16	1	1.0546	1.0545	-0.0001	0.9713	0.9712	0.0001
2024-01-04T15:05:23	2	0	1	0	1	1.0382	null	null	-0.979	-0.9792	0.0002
2024-01-04T15:05:46	1	0	1	1	0	1.0348	1.0346	-0.0002	0.9982	0.9981	0.0001
2024-01-04T15:07:07	3	0	1	0	1	1.0216	null	null	0.9869	0.9868	0.0001

2024-01-04T15:08:27	3	0	163	160	3	1.0584	1.0584	-0.0001	-0.985	-0.9849	-0.0001
2024-01-04T15:08:53	1	0	294	293	1	1.0558	1.0558	0.0000	0.9907	0.9906	0.0001
2024-01-04T15:14:50	1	0	32	31	1	1.0459	1.0456	-0.0003	-0.9981	-0.9981	0.0000
2024-01-04T15:20:50	1	0	84	84	0	0.9395	0.9395	0.0000	-0.9939	-0.9938	-0.0001
2024-01-04T15:22:08	7	0	4	1	3	0.9680	1.0052	0.0372	0.9876	0.9878	-0.0002
2024-01-04T15:29:23	3	0	19	10	9	0.9482	0.9534	0.0052	-0.9975	-0.9971	-0.0004
2024-01-04T15:37:09	17	0	7	4	3	0.9673	0.9701	0.0027	0.9873	0.9879	-0.0006
2024-01-04T15:44:56	1	0	1	1	0	1.0215	1.0211	-0.0004	0.9841	0.984	0.0001
2024-01-04T15:46:42	1	0	1	0	1	0.9919	null	null	-0.9869	-0.9868	-0.0001
2024-01-04T15:52:10	1	0	6	6	0	0.9550	0.9551	0.0000	0.9874	0.9874	0.0000
2024-01-04T15:56:28	1	0	3	3	0	1.0254	1.0251	-0.0003	0.9866	0.9865	0.0001
2024-01-04T16:01:43	2	0	1	1	0	0.9898	0.9906	0.0008	-0.9864	-0.9863	-0.0001
2024-01-04T16:05:09	1	0	2	2	0	1.0326	1.0326	0.0000	0.9663	0.9663	0.0000
2024-01-04T16:05:53	1	0	18	18	0	0.9431	0.9431	0.0000	0.9983	0.9983	0.0000
2024-01-04T16:23:12	2	0	2	2	0	0.9850	0.9855	0.0005	0.9897	0.9897	0.0000
2024-01-05T07:50:15	2	0	111	109	2	0.9372	0.9374	0.0001	-0.9913	-0.9907	-0.0006
2024-01-05T07:51:49	2	0	80	79	1	0.9236	0.9237	0.0001	0.99	0.9901	-0.0001
2024-01-05T07:57:30	3	0	265	264	1	0.9125	0.9126	0.0000	0.9957	0.9958	-0.0001
2024-01-05T08:09:36	2	0	109	107	2	0.9361	0.9364	0.0004	-0.9979	-0.9985	0.0006
2024-01-05T08:10:35	1	0	100	100	0	0.9303	0.9304	0.0000	-0.9961	-0.9958	-0.0003
2024-01-05T08:10:59	1	0	2	2	0	0.9794	0.9794	0.0000	0.9918	0.9918	0.0000
2024-01-05T08:17:12	2	0	795	795	0	1.0806	1.0805	0.0000	0.9991	0.9991	0.0000
2024-01-05T08:18:13	1	0	92	92	0	0.9433	0.9435	0.0002	0.9873	0.9877	-0.0004
2024-01-05T08:20:17	1	0	21	20	1	0.9422	0.9421	-0.0001	-0.9932	-0.9928	-0.0004
2024-01-05T08:29:23	1	0	26	26	0	1.0550	1.0550	0.0000	0.9969	0.9969	0.0000
2024-01-05T08:30:07	1	0	131	130	1	1.0534	1.0533	0.0000	0.9999	0.9999	0.0000
2024-01-05T08:36:46	1	0	18	15	3	0.9403	0.9397	-0.0005	-1	-0.9996	-0.0004
2024-01-05T08:39:44	2	0	106	105	1	0.9199	0.9199	0.0001	0.996	0.996	0.0000
2024-01-05T08:48:12	1	0	164	164	0	1.0617	1.0617	0.0000	-0.9669	-0.9669	0.0000
2024-01-05T08:50:23	2	0	27	27	0	1.0550	1.0549	-0.0001	0.9984	0.9984	0.0000
2024-01-05T08:51:42	2	0	3	3	0	0.9578	0.9586	0.0008	0.9888	0.9891	-0.0003
2024-01-05T08:58:12	2	0	342	341	1	1.0611	1.0611	0.0000	0.986	0.9859	0.0001
2024-01-05T08:58:39	1	0	1	1	0	1.0352	1.0348	-0.0004	0.9991	0.9991	0.0000
2024-01-05T09:05:20	1	0	86	85	1	0.9397	0.9400	0.0003	0.9917	0.9918	-0.0001
2024-01-05T09:05:24	1	0	36	36	0	1.0555	1.0554	-0.0001	0.9991	0.9991	0.0000
2024-01-05T09:06:48	1	0	3	3	0	0.9408	0.9413	0.0005	0.9997	0.9997	0.0000
2024-01-05T09:10:43	1	0	103	102	1	1.0691	1.0691	0.0000	-0.9722	-0.9722	0.0000
2024-01-05T09:14:26	1	0	9	9	0	1.0492	1.0492	0.0000	0.9969	0.9968	0.0001
2024-01-05T09:15:11	3	0	1	1	0	1.0110	1.0097	-0.0013	0.9952	0.9952	0.0000
2024-01-05T09:17:16	3	0	795	795	0	1.0858	1.0858	0.0000	0.9977	0.9976	0.0001
2024-01-05T09:17:49	2	0	43	42	1	1.0011	0.9998	-0.0013	0.9463	0.9462	0.0001
2024-01-05T09:18:14	1	0	180	180	0	1.0625	1.0625	0.0000	-0.9719	-0.9719	0.0000
2024-01-05T09:18:30	1	0	8	8	0	1.0400	1.0399	-0.0001	0.9933	0.9933	0.0000
2024-01-05T09:20:19	2	0	97	91	6	1.0589	1.0577	-0.0012	0.9879	0.9878	0.0001
2024-01-05T09:24:20	2	0	14	14	0	1.0535	1.0532	-0.0003	0.9874	0.9871	0.0003
2024-01-05T09:24:41	2	0	13	7	6	0.9434	0.9435	0.0000	-0.9975	-0.9982	0.0007
2024-01-05T09:27:44	1	0	49	44	5	1.0536	1.0531	-0.0005	0.9953	0.9954	-0.0001
2024-01-05T09:31:51	1	0	3	3	0	1.0370	1.0366	-0.0003	0.9999	0.9998	0.0001
2024-01-05T09:33:18	1	0	72	71	1	0.9582	0.9595	0.0013	0.9887	0.9885	0.0002
2024-01-05T09:34:35	3	0	82	81	1	0.9233	0.9233	0.0000	0.9943	0.9924	0.0019
2024-01-05T09:35:26	4	0	33	32	1	1.0562	1.0555	-0.0007	0.9992	0.9992	0.0000
2024-01-05T09:42:37	2	0	244	244	0	0.9272	0.9275	0.0002	0.9936	0.9937	-0.0001
2024-01-05T09:42:45	2	0	31	30	1	1.0478	1.0477	-0.0001	0.9909	0.9908	0.0001
2024-01-05T09:43:20	2	0	1	1	0	0.9975	0.9969	-0.0006	-0.9967	-0.9959	-0.0008
2024-01-05T09:44:34	1	0	1	1	0	0.9815	0.9819	0.0004	0.986	0.986	0.0000
2024-01-05T09:44:37	2	0	18	14	4	0.9562	0.9601	0.0040	0.9945	0.9946	-0.0001
2024-01-05T09:45:41	2	0	6	6	0	1.0266	1.0268	0.0002	0.9978	0.9979	-0.0001
2024-01-05T09:46:01	6	0	6	6	0	1.0266	1.0264	-0.0002	0.9997	0.9997	0.0000
2024-01-05T09:46:21	1	0	3	3	0	1.0108	1.0109	0.0001	-0.988	-0.988	0.0000
2024-01-05T09:48:32	1	0	8	8	0	1.0467	1.0466	-0.0002	-0.9923	-0.9924	0.0001
2024-01-05T09:48:40	3	0	3	3	0	1.0130	1.0132	0.0002	0.9953	0.9953	0.0000
2024-01-05T09:48:57	1	0	6	6	0	1.0388	1.0386	-0.0002	0.9973	0.9973	0.0000
2024-01-05T09:49:36	2	0	69	69	0	0.9334	0.9336	0.0002	0.9947	0.9947	0.0000
2024-01-05T09:53:10	1	0	124	123	1	1.0561	1.0561	0.0000	-0.9868	-0.9867	-0.0001
2024-01-05T09:54:43	3	0	4	1	3	1.0569	1.0556	-0.0013	-0.9973	-0.9974	0.0001
2024-01-05T09:55:42	3	0	70	68	2	0.9324	0.9326	0.0003	-0.9978	-0.9974	-0.0004
2024-01-05T09:58:16	6	0	339	335	4	1.0621	1.0622	0.0001	0.9879	0.9876	0.0003
2024-01-05T09:59:02	3	0	2	1	1	1.0002	1.0553	0.0551	-0.9816	-0.9816	0.0000
2024-01-05T10:00:20	2	0	1	0	1	1.0553	null	null	0.9902	0.9902	0.0000
2024-01-05T10:01:02	1	0	9	9	0	1.0321	1.0320	-0.0001	0.9999	0.9999	0.0000
2024-01-05T10:01:22	1	0	1	1	0	0.9911	0.9915	0.0004	-0.9855	-0.9855	0.0000
2024-01-05T10:02:10	5	0	21	21	0	1.0443	1.0441	-0.0003	0.9981	0.9981	0.0000
2024-01-05T10:02:52	2	0	146	143	3	0.9495	0.9498	0.0003	0.9504	0.9504	0.0000
2024-01-05T10:03:20	1	0	64	59	5	0.9601	0.9603	0.0002	0.9863	0.9866	-0.0003
2024-01-05T10:03:58	1	0	18	18	0	1.0450	1.0449	-0.0001	0.9978	0.9978	0.0000
2024-01-05T10:04:37	2	0	72	72	0	0.9590	0.9590	0.0000	0.9961	0.9961	0.0000
2024-01-05T10:04:50	2	0	11	11	0	1.0510	1.0509	-0.0001	0.9659	0.9649	0.0010
2024-01-05T10:05:22	2	0	69	67	2	1.0555	1.0555	0.0000	0.9888	0.9888	0.0000
2024-01-05T10:05:24	1	0	25	25	0	0.9417	0.9417	0.0000	0.9902	0.9902	0.0000
2024-01-05T10:05:28	11	0	48	44	4	1.0560	1.0576	0.0016	0.9993	0.9992	0.0001
2024-01-05T10:06:58	1	0	3	3	0	0.9163	0.9164	0.0001	0.9935	0.9933	0.0002
2024-01-05T10:08:07	5	0	12	12	0	1.0304	1.0302	-0.0002	0.9983	0.9983	0.0000
2024-01-05T10:08:47	1	0	10	10	0	1.0259	1.0259	0.0000	0.9805	0.9806	-0.0001
2024-01-05T10:10:57	1	0	49	46	3	0.9499	0.9502	0.0003	0.9918	0.9917	0.0001
2024-01-05T10:12:38	2	0	11	11	0	1.0468	1.0468	0.0000	-0.9998	-0.9998	0.0000

2024-01-05T10:13:00	1	0	85	84	1	0.9282	0.9286	0.0004	0.9843	0.9841	0.0002
2024-01-05T10:14:30	5	0	13	12	1	1.0508	1.0502	-0.0006	0.9952	0.9955	-0.0003
2024-01-05T10:16:30	3	0	4	4	0	1.0316	1.0315	-0.0001	0.9913	0.991	0.0003
2024-01-05T10:17:07	2	0	5	5	0	1.0390	1.0389	-0.0001	0.9921	0.992	0.0001
2024-01-05T10:18:42	1	0	3	3	0	1.0125	1.0123	-0.0002	0.9971	0.997	0.0001
2024-01-05T10:20:00	2	0	2	2	0	1.0289	1.0285	-0.0004	0.9973	0.9973	0.0000
2024-01-05T10:20:17	2	0	3	3	0	1.0270	1.0266	-0.0004	0.9995	0.9995	0.0000
2024-01-05T10:20:25	1	0	1	1	0	0.9430	0.9430	0.0000	0.9926	0.9926	0.0000
2024-01-05T10:22:52	3	0	2	2	0	0.9801	0.9809	0.0008	0.9673	0.9674	-0.0001
2024-01-05T10:23:25	5	0	7	5	2	0.9424	0.9428	0.0004	0.9956	0.9958	-0.0002
2024-01-05T10:25:44	1	0	79	76	3	0.9315	0.9317	0.0003	-0.9978	-0.9967	-0.0011
2024-01-05T10:28:18	5	0	365	356	9	1.0623	1.0622	0.0000	0.9835	0.9833	0.0002
2024-01-05T10:28:44	2	0	32	32	0	0.9498	0.9498	0.0000	0.9929	0.9929	0.0000
2024-01-05T10:29:31	1	0	10	10	0	1.0470	1.0469	-0.0001	0.9999	0.9999	0.0000
2024-01-05T10:30:22	2	0	2	1	1	1.0424	1.0271	-0.0153	0.9905	0.9904	0.0001
2024-01-05T10:30:47	5	0	3	3	0	0.9976	0.9980	0.0005	0.9546	0.9351	0.0195
2024-01-05T10:31:12	2	0	3	3	0	1.0282	1.0280	-0.0002	-0.9981	0.9993	0.0026
2024-01-05T10:32:26	1	0	2	2	0	1.0340	1.0339	-0.0001	0.9785	0.9784	0.0001
2024-01-05T10:33:35	1	0	1	1	0	1.0555	1.0551	-0.0004	0.9834	0.9834	0.0000
2024-01-05T10:33:43	1	0	3	3	0	1.0136	1.0136	0.0000	0.997	0.997	0.0000
2024-01-05T10:33:47	1	0	1	1	0	1.0132	1.0129	-0.0003	0.9805	0.98	0.0005
2024-01-05T10:34:47	4	0	5	5	0	1.0473	1.0465	-0.0008	0.9969	0.9968	0.0001
2024-01-05T10:35:26	1	0	2	2	0	0.9435	0.9435	0.0000	0.9927	0.9927	0.0000
2024-01-05T10:38:38	1	0	278	277	1	1.0557	1.0557	0.0000	0.9895	0.9895	0.0000
2024-01-05T10:43:04	1	0	83	83	0	0.9404	0.9404	0.0000	0.9941	0.9939	0.0002
2024-01-05T10:43:19	4	0	434	430	4	1.0629	1.0629	0.0000	0.9853	0.9852	0.0001
2024-01-05T10:43:30	1	0	23	23	0	1.0422	1.0435	0.0013	0.9993	0.9993	0.0000
2024-01-05T10:45:23	1	0	1	0	1	1.0570	null	null	0.99	0.99	0.0000
2024-01-05T10:45:48	5	0	3	3	0	1.0308	1.0303	-0.0005	0.9103	0.9346	-0.0243
2024-01-05T10:46:13	2	0	7	7	0	1.0285	1.0285	0.0000	0.9999	0.9999	0.0000
2024-01-05T10:47:13	3	0	11	10	1	1.0442	1.0438	-0.0004	0.9982	0.9981	0.0001
2024-01-05T10:48:44	1	0	4	4	0	1.0263	1.0263	0.0000	0.9969	0.9969	0.0000
2024-01-05T10:49:01	1	0	2	2	0	1.0360	1.0358	-0.0002	-0.9981	-0.9982	0.0001
2024-01-05T10:49:02	4	0	23	22	1	1.0467	1.0462	-0.0005	0.9987	0.9987	0.0000
2024-01-05T10:50:25	3	0	31	31	0	1.0521	1.0520	-0.0001	0.9891	0.9887	0.0004
2024-01-05T10:50:31	2	0	31	31	0	1.0554	1.0553	-0.0001	1	0.9999	0.0001
2024-01-05T10:50:32	1	0	10	10	0	1.0462	1.0461	0.0000	-0.9998	-0.9998	0.0000
2024-01-05T10:50:55	3	0	3	3	0	1.0631	1.0626	-0.0005	-0.996	-0.9963	0.0003
2024-01-05T10:51:15	2	0	6	6	0	1.0392	1.0391	-0.0001	0.9965	0.9966	-0.0001
2024-01-05T10:51:22	1	0	1	1	0	1.0437	1.0437	0.0000	0.9936	0.9936	0.0000
2024-01-05T10:51:41	2	0	9	9	0	1.0472	1.0471	0.0000	-1	-1	0.0000
2024-01-05T10:52:45	1	0	1	2	-1	1.0571	1.0494	-0.0077	0.9903	0.9902	0.0001
2024-01-05T10:54:20	1	0	1	1	0	0.9812	0.9816	0.0004	0.9814	0.978	0.0034
2024-01-05T10:55:12	2	0	1	1	0	1.0340	1.0331	-0.0009	0.9828	0.9826	0.0002
2024-01-05T10:55:23	1	0	7	7	0	1.0487	1.0486	-0.0001	0.9972	0.9972	0.0000
2024-01-05T10:55:46	2	0	43	43	0	0.9368	0.9371	0.0004	-0.9962	-0.9958	-0.0004
2024-01-05T10:56:45	1	0	1	0	1	1.0558	null	null	0.9915	0.9914	0.0001
2024-01-05T10:58:05	1	0	46	46	0	0.9558	0.9557	0.0000	0.991	0.9905	0.0005
2024-01-05T10:58:08	4	0	77	74	3	1.0557	1.0556	-0.0001	-0.9993	-0.9993	0.0000
2024-01-05T10:58:20	2	0	428	421	7	1.0630	1.0630	-0.0001	0.9857	0.9854	0.0003
2024-01-05T10:58:42	1	0	5	5	0	1.0425	1.0424	-0.0001	0.9764	0.9763	0.0001
2024-01-05T10:59:17	2	0	33	31	2	1.0484	1.0478	-0.0006	0.9651	0.9648	0.0003
2024-01-05T11:00:24	1	0	2	2	0	1.0500	1.0492	-0.0008	0.9901	0.9901	0.0000
2024-01-05T11:01:26	1	0	2	2	0	1.0120	1.0118	-0.0002	-0.9787	-0.9788	0.0001
2024-01-05T11:01:31	1	0	6	6	0	1.0464	1.0459	-0.0006	0.9936	0.9933	0.0003
2024-01-05T11:02:14	3	0	17	17	0	1.0430	1.0430	-0.0001	0.9984	0.9984	0.0000
2024-01-05T11:02:29	6	0	37	35	2	1.0513	1.0510	-0.0002	0.9843	0.9843	0.0000
2024-01-05T11:03:17	1	0	3	3	0	1.0400	1.0399	-0.0001	-0.9976	-0.9976	0.0000
2024-01-05T11:03:37	5	0	11	10	1	1.0425	1.0404	-0.0021	0.9886	0.9884	0.0002
2024-01-05T11:03:45	1	0	5	5	0	1.0553	1.0552	-0.0001	0.9971	0.9971	0.0000
2024-01-05T11:04:41	4	0	98	97	1	0.9733	0.9732	-0.0001	0.9974	0.9979	-0.0005
2024-01-05T11:05:32	1	0	4	4	0	1.0468	1.0459	-0.0009	0.9854	0.9853	0.0001
2024-01-05T11:05:33	2	0	11	10	1	1.0457	1.0468	0.0011	-0.9995	-0.9995	0.0000
2024-01-05T11:07:46	1	0	1	1	0	1.0380	1.0377	-0.0003	0.9934	0.9934	0.0000
2024-01-05T11:09:27	1	0	25	25	0	1.0560	1.0559	0.0000	0.9731	0.9723	0.0008
2024-01-05T11:10:47	2	0	48	47	1	0.9322	0.9331	0.0008	-0.9954	-0.9937	-0.0017
2024-01-05T11:11:46	1	0	1	1	0	1.0553	1.0551	-0.0002	0.9896	0.9896	0.0000
2024-01-05T11:11:48	1	0	1	1	0	1.0257	1.0252	-0.0005	0.984	0.984	0.0000
2024-01-05T11:13:06	1	0	40	40	0	0.9573	0.9573	0.0000	0.9908	0.9907	0.0001
2024-01-05T11:14:34	1	0	21	21	0	1.0529	1.0529	0.0000	0.9997	0.9997	0.0000
2024-01-05T11:14:42	1	0	2	2	0	1.0227	1.0225	-0.0002	0.9813	0.9813	0.0000
2024-01-05T11:15:18	1	0	48	47	1	1.0491	1.0488	-0.0002	0.9914	0.9914	0.0000
2024-01-05T11:15:37	1	0	22	21	1	1.0472	1.0471	-0.0001	0.9963	0.9962	0.0001
2024-01-05T11:15:50	1	0	2	2	0	1.0281	1.0270	-0.0011	0.9062	0.9059	0.0003
2024-01-05T11:16:59	1	0	44	43	1	1.0502	1.0501	-0.0001	-0.9858	-0.9858	0.0000
2024-01-05T11:17:30	6	0	51	45	6	1.0537	1.0532	-0.0004	0.9835	0.9833	0.0002
2024-01-05T11:18:46	2	0	6	6	0	1.0507	1.0506	0.0000	0.9959	0.9959	0.0000
2024-01-05T11:18:57	1	0	2	2	0	0.9986	0.9985	-0.0001	-0.9992	-0.9992	0.0000
2024-01-05T11:19:03	6	0	32	31	1	1.0493	1.0486	-0.0007	0.9988	0.9987	0.0001
2024-01-05T11:20:08	1	0	3	3	0	1.0478	1.0477	-0.0001	0.9953	0.9952	0.0001
2024-01-05T11:20:21	1	0	4	4	0	1.0314	1.0313	-0.0001	0.9999	0.9999	0.0000
2024-01-05T11:20:29	1	0	5	5	0	0.9430	0.9430	0.0000	0.9906	0.9906	0.0000
2024-01-05T11:20:34	2	0	2	2	0	1.0335	1.0331	-0.0004	0.9992	0.9992	0.0000
2024-01-05T11:23:16	3	0	155	149	6	1.0577	1.0576	-0.0001	-0.9875	-0.9874	-0.0001
2024-01-05T11:23:52	1	0	5	5	0	1.0028	1.0030	0.0001	0.9796	0.9797	-0.0001

2024-01-05T11:25:39	1	0	5	5	0	1.0264	1.0263	-0.0001	0.9884	0.9883	0.0001
2024-01-05T11:27:52	2	0	28	28	0	1.0493	1.0493	0.0000	0.9932	0.9932	0.0000
2024-01-05T11:29:43	1	0	1	1	0	1.0078	1.0078	0.0000	0.9843	0.9844	-0.0001
2024-01-05T11:30:19	2	0	59	57	2	1.0496	1.0494	-0.0002	0.9907	0.9907	0.0000
2024-01-05T11:30:20	5	0	1	0	1	1.0169	null	null	0.9971	0.997	0.0001
2024-01-05T11:31:16	9	0	12	12	0	1.0383	1.0382	-0.0001	0.9999	0.9999	0.0000
2024-01-05T11:31:35	3	0	1	1	0	1.0247	1.0246	-0.0001	0.9883	0.988	0.0003
2024-01-05T11:33:26	1	0	1	1	0	1.0339	1.0338	-0.0001	0.9891	0.9893	-0.0002
2024-01-05T11:33:47	5	0	11	11	0	1.0484	1.0484	0.0000	0.9961	0.9961	0.0000
2024-01-05T11:34:24	1	0	7	6	1	1.0473	1.0457	-0.0017	0.9983	0.9983	0.0000
2024-01-05T11:35:22	2	0	2	2	0	1.0310	1.0309	-0.0001	1	1	0.0000
2024-01-05T11:36:44	3	0	15	12	3	1.0500	1.0502	0.0002	-0.9985	-0.9986	0.0001
2024-01-05T11:38:17	3	0	182	181	1	1.0586	1.0586	0.0000	-0.9849	-0.9849	0.0000
2024-01-05T11:41:17	1	0	4	4	0	1.0414	1.0412	-0.0002	0.9874	0.9874	0.0000
2024-01-05T11:41:48	1	0	1	1	0	1.0558	1.0553	-0.0005	0.9928	0.9926	0.0002
2024-01-05T11:41:50	1	0	2	2	0	1.0314	1.0314	0.0000	0.9804	0.9804	0.0000
2024-01-05T11:42:45	1	0	92	92	0	0.9346	0.9347	0.0000	0.9965	0.9965	0.0000
2024-01-05T11:43:08	4	0	3	3	0	1.0621	1.0618	-0.0003	-0.9941	-0.9941	0.0000
2024-01-05T11:43:15	1	0	20	20	0	1.0497	1.0496	-0.0001	0.9984	0.9984	0.0000
2024-01-05T11:43:34	1	0	7	8	-1	1.0346	1.0372	0.0026	0.9954	0.9954	0.0000
2024-01-05T11:44:20	2	0	1	1	0	1.0402	1.0402	0.0000	0.9376	0.9377	-0.0001
2024-01-05T11:44:53	1	0	8	7	1	1.0512	1.0499	-0.0013	0.9857	0.9856	0.0001
2024-01-05T11:45:49	2	0	1	2	-1	1.0229	1.0018	-0.0211	0.9908	0.9907	0.0001
2024-01-05T11:47:59	1	0	13	12	1	1.0520	1.0515	-0.0005	0.9513	0.9511	0.0002
2024-01-05T11:48:59	1	0	5	5	0	1.0466	1.0466	0.0000	-0.9995	-0.9995	0.0000
2024-01-05T11:49:52	4	0	7	8	-1	1.0504	1.0510	0.0005	0.9988	0.9988	0.0000
2024-01-05T11:52:58	2	0	1	0	1	1.0564	null	null	0.9718	0.9716	0.0002
2024-01-05T11:53:04	5	0	2	1	1	1.0610	1.0580	-0.0030	-0.9987	-0.9988	0.0001
2024-01-05T11:53:54	3	0	11	10	1	1.0338	1.0310	-0.0027	0.983	0.9829	0.0001
2024-01-05T11:56:51	1	0	2	2	0	1.0328	1.0328	0.0000	0.9804	0.9804	0.0000
2024-01-05T11:56:56	3	0	43	44	-1	1.0561	1.0557	-0.0004	-1	-1	0.0000
2024-01-05T11:57:46	1	0	81	81	0	0.9374	0.9374	0.0000	0.997	0.997	0.0000
2024-01-05T11:58:48	2	0	31	29	2	1.0523	1.0516	-0.0007	-0.9878	-0.9879	0.0001
2024-01-05T12:01:37	1	0	1	1	0	1.0242	1.0242	0.0000	0.9891	0.9889	0.0002
2024-01-05T12:02:32	2	0	3	3	0	1.0350	1.0052	-0.0297	0.9824	0.9824	0.0000
2024-01-05T12:03:00	1	0	54	53	1	1.0479	1.0479	-0.0001	0.9522	0.9521	0.0001
2024-01-05T12:03:28	1	0	1	1	0	1.0335	1.0335	0.0000	0.99	0.9903	-0.0003
2024-01-05T12:04:00	1	0	5	6	-1	1.0464	1.0415	-0.0049	-0.9992	-0.9992	0.0000
2024-01-05T12:04:27	2	0	12	10	2	1.0536	1.0522	-0.0015	0.9991	0.999	0.0001
2024-01-05T12:05:36	1	0	1	1	0	1.0611	1.0611	0.0000	0.9925	0.9925	0.0000
2024-01-05T12:08:55	2	0	3	3	0	1.0464	1.0463	-0.0001	0.9822	0.9851	-0.0029
2024-01-05T12:11:52	1	0	2	2	0	1.0314	1.0314	0.0000	0.9806	0.9806	0.0000
2024-01-05T12:11:58	1	0	5	5	0	1.0571	1.0556	-0.0015	0.9331	0.9329	0.0002
2024-01-05T12:12:45	1	0	80	80	0	1.0671	1.0663	-0.0008	-0.9939	-0.994	0.0001
2024-01-05T12:12:55	2	0	62	61	1	1.0547	1.0547	0.0000	0.9956	0.9959	-0.0003
2024-01-05T12:14:51	2	0	1	0	1	1.0577	null	null	-1	-1	0.0000
2024-01-05T12:15:23	4	0	1	2	-1	1.0107	1.0097	-0.0010	0.9993	0.9993	0.0000
2024-01-05T12:20:25	1	0	2	2	0	1.0422	1.0422	0.0000	0.9999	0.9999	0.0000
2024-01-05T12:20:35	1	0	3	4	-1	0.9427	0.9431	0.0003	0.9915	0.9913	0.0002
2024-01-05T12:21:47	3	0	10	10	0	1.0483	1.0483	0.0000	-0.9999	-0.9999	0.0000
2024-01-05T12:28:11	4	0	4	5	-1	1.0396	1.0350	-0.0046	0.9988	0.9988	0.0000
2024-01-05T12:29:23	1	0	1	1	0	1.0435	1.0435	0.0000	0.9454	0.9455	-0.0001
2024-01-05T12:29:47	1	0	1	1	0	1.0072	1.0072	0.0000	0.9858	0.9859	-0.0001
2024-01-05T12:33:51	4	0	46	46	0	1.0600	1.0599	0.0000	0.9967	0.9967	0.0000
2024-01-05T12:34:55	5	0	8	9	-1	1.0514	1.0518	0.0003	0.999	0.9991	-0.0001
2024-01-05T12:45:25	2	0	1	1	0	0.9311	0.9312	0.0001	0.9976	0.9976	0.0000
2024-01-05T12:47:35	1	0	6	6	0	1.0315	1.0166	-0.0149	0.9816	0.9816	0.0000
2024-01-05T12:48:15	1	0	5	5	0	1.0533	1.0528	-0.0005	0.9761	0.9761	0.0000
2024-01-05T12:48:52	2	0	67	65	2	1.0596	1.0596	0.0000	0.9986	0.9985	0.0001
2024-01-05T12:56:55	1	0	2	2	0	1.0340	1.0340	0.0000	0.9814	0.9814	0.0000
2024-01-05T12:57:49	1	0	68	68	0	1.0516	1.0516	0.0000	-0.9971	-0.9971	0.0000
2024-01-05T12:57:58	1	0	21	21	0	1.0479	1.0478	-0.0001	0.9904	0.9904	0.0000
2024-01-05T13:00:01	1	0	1	1	0	0.9400	0.9413	0.0013	0.9813	0.9814	-0.0001
2024-01-05T13:00:54	2	0	2	2	0	0.9997	0.9998	0.0001	0.9893	0.9913	-0.0020
2024-01-05T13:06:31	1	0	3	3	0	1.0426	1.0426	0.0000	0.9965	0.9965	0.0000
2024-01-05T13:08:03	3	0	1	0	1	1.0561	null	null	0.974	0.9737	0.0003
2024-01-05T13:13:21	1	0	8	8	0	1.0477	1.0477	0.0000	0.9924	0.9924	0.0000
2024-01-05T13:13:53	2	0	1	1	0	1.1075	1.1074	-0.0001	0.9989	0.999	-0.0001
2024-01-05T13:15:55	2	0	3	4	-1	1.0360	1.0217	-0.0144	0.9917	0.9916	0.0001
2024-01-05T13:16:42	1	0	1	1	0	1.0281	1.0280	-0.0001	0.9899	0.9897	0.0002
2024-01-05T13:22:45	2	0	15	14	1	1.0488	1.0490	0.0001	0.9955	0.9954	0.0001
2024-01-05T13:23:26	2	0	15	15	0	1.0531	1.0528	-0.0002	0.9984	0.9984	0.0000
2024-01-05T13:31:26	1	0	27	26	1	1.0482	1.0479	-0.0003	-0.9977	-0.9977	0.0000
2024-01-05T13:32:38	1	0	2	1	1	0.9822	1.0283	0.0461	0.9813	0.9815	-0.0002
2024-01-05T13:42:53	1	0	42	45	-3	0.9461	0.9460	-0.0001	0.9973	0.9972	0.0001
2024-01-05T13:45:28	1	0	36	35	1	1.0493	1.0491	-0.0002	0.9916	0.9916	0.0000
2024-01-05T13:52:47	1	0	14	14	0	1.0455	1.0455	-0.0001	0.9962	0.9961	0.0001
2024-01-05T13:56:59	1	0	1	1	0	1.0585	1.0579	-0.0006	0.9842	0.9841	0.0001
2024-01-05T14:03:49	3	0	5	5	0	1.0525	1.0494	-0.0031	0.9709	0.9711	-0.0002
2024-01-05T14:04:08	1	0	10	10	0	1.0451	1.0451	0.0000	-0.9961	-0.9961	0.0000
2024-01-05T14:05:04	3	0	13	13	0	1.0512	1.0510	-0.0002	0.9999	0.9999	0.0000
2024-01-05T14:05:19	1	0	20	20	0	1.0533	1.0533	0.0000	0.9959	0.996	-0.0001
2024-01-05T14:06:03	2	0	1	1	0	1.0567	1.0560	-0.0007	0.996	0.9958	0.0002
2024-01-05T14:07:48	1	0	5	5	0	1.0517	1.0517	0.0000	0.9923	0.9923	0.0000
2024-01-05T14:07:58	1	0	1	1	0	1.0627	1.0627	0.0000	0.9952	0.9953	-0.0001

2024-01-05T14:08:29	1	0	11	10	1	1.0499	1.0493	-0.0006	0.9974	0.9973	0.0001
2024-01-05T14:09:39	2	0	5	6	-1	1.0520	1.0510	-0.0010	0.9794	0.9674	0.0120
2024-01-05T14:10:36	1	0	2	2	0	1.0470	1.0470	0.0000	0.9989	0.9989	0.0000
2024-01-05T14:10:59	2	0	34	33	1	0.9505	0.9513	0.0008	-0.9958	-0.9943	-0.0015
2024-01-05T14:11:49	2	0	12	12	0	1.0522	1.0519	-0.0002	0.9935	0.9934	0.0001
2024-01-05T14:12:05	3	0	46	45	1	1.0542	1.0541	-0.0001	1	1	0.0000
2024-01-05T14:12:35	1	0	1	1	0	0.9842	0.9848	0.0006	-0.9928	-0.9927	-0.0001
2024-01-05T14:12:54	2	0	159	158	1	1.0566	1.0565	-0.0001	-0.9951	-0.9951	0.0000
2024-01-05T14:13:21	5	0	144	140	4	1.0571	1.0570	-0.0001	-0.9997	-0.9997	0.0000
2024-01-05T14:13:55	2	0	13	13	0	1.0490	1.0489	-0.0001	0.975	0.9749	0.0001
2024-01-05T14:15:31	2	0	2	2	0	1.0135	1.0131	-0.0004	0.9975	0.9974	0.0001
2024-01-05T14:16:05	1	0	3	3	0	1.0320	1.0311	-0.0009	0.907	0.9064	0.0006
2024-01-05T14:16:27	9	0	13	13	0	1.0431	1.0430	-0.0001	-0.9996	-0.9996	0.0000
2024-01-05T14:18:26	1	0	13	12	1	1.0481	1.0475	-0.0006	0.999	0.999	0.0000
2024-01-05T14:19:15	7	0	26	26	0	1.0479	1.0479	0.0000	0.9956	0.9956	0.0000
2024-01-05T14:20:05	3	0	12	12	0	1.0524	1.0523	-0.0001	1	1	0.0000
2024-01-05T14:20:16	2	0	7	6	1	1.0464	1.0445	-0.0018	0.9846	0.9846	0.0000
2024-01-05T14:21:00	1	0	2	2	0	0.9862	0.9859	-0.0004	-0.9996	-0.9996	0.0000
2024-01-05T14:21:04	3	0	1	1	0	1.0570	1.0564	-0.0006	0.9992	0.9991	0.0001
2024-01-05T14:23:28	1	0	169	166	3	1.0579	1.0579	0.0000	-0.9817	-0.9817	0.0000
2024-01-05T14:24:05	1	0	7	7	0	1.0266	1.0266	0.0000	0.9813	0.9813	0.0000
2024-01-05T14:25:32	1	0	41	41	0	1.0528	1.0528	0.0000	0.9896	0.9896	0.0000
2024-01-05T14:26:50	2	0	15	15	0	1.0540	1.0539	-0.0001	0.9958	0.9958	0.0000
2024-01-05T14:27:06	2	0	55	55	0	1.0567	1.0566	-0.0001	-1	-1	0.0000
2024-01-05T14:27:36	2	0	1	1	0	0.9849	0.9856	0.0007	-0.9919	-0.9918	-0.0001
2024-01-05T14:29:48	4	0	22	21	1	1.0522	1.0516	-0.0005	-1	-1	0.0000
2024-01-05T14:30:32	1	0	1	1	0	1.0115	1.0114	-0.0001	0.9988	0.9988	0.0000
2024-01-05T14:30:50	1	0	1	1	0	1.0395	1.0395	0.0000	0.9985	0.9985	0.0000
2024-01-05T14:31:00	2	0	2	2	0	0.9741	0.9744	0.0003	0.9818	0.9817	0.0001
2024-01-05T14:31:06	1	0	1	1	0	1.0194	1.0192	-0.0002	0.9067	0.9073	-0.0006
2024-01-05T14:31:28	2	0	8	8	0	1.0358	1.0357	-0.0001	1	1	0.0000
2024-01-05T14:31:33	2	0	1	0	1	1.0236	null	null	0.993	0.9928	0.0002
2024-01-05T14:31:45	1	0	2	3	-1	1.0410	1.0396	-0.0014	0.9953	0.9953	0.0000
2024-01-05T14:31:59	2	0	1	0	1	1.0551	null	null	-0.9976	-0.9976	0.0000
2024-01-05T14:32:13	1	0	2	2	0	1.0390	1.0388	-0.0002	0.998	0.9979	0.0001
2024-01-05T14:32:28	1	0	4	4	0	1.0488	1.0488	-0.0001	0.9988	0.9987	0.0001
2024-01-05T14:33:38	1	0	2	2	0	1.0188	1.0186	-0.0002	0.9908	0.9906	0.0002
2024-01-05T14:33:51	2	0	1	1	0	1.0572	1.0564	-0.0008	0.9715	0.9713	0.0002
2024-01-05T14:34:16	5	0	9	9	0	1.0446	1.0446	-0.0001	0.9953	0.9952	0.0001
2024-01-05T14:35:06	3	0	17	17	0	1.0503	1.0502	-0.0001	-1	-1	0.0000
2024-01-05T14:35:21	2	0	31	29	2	1.0544	1.0541	-0.0003	0.9971	0.997	0.0001
2024-01-05T14:35:44	1	0	1	1	0	0.9382	0.9382	0.0000	0.9935	0.9935	0.0000
2024-01-05T14:35:58	1	0	1	1	0	1.0158	1.0154	-0.0004	0.994	0.9934	0.0006
2024-01-05T14:38:25	1	0	9	9	0	1.0289	1.0289	0.0000	0.9992	0.9992	0.0000
2024-01-05T14:39:41	1	0	10	10	0	1.0530	1.0530	0.0000	0.9807	0.9805	0.0002
2024-01-05T14:41:16	1	0	5	5	0	1.0188	1.0188	-0.0001	0.9864	0.9861	0.0003
2024-01-05T14:42:37	2	0	2	2	0	0.9895	0.9895	0.0000	-0.9918	-0.9918	0.0000
2024-01-05T14:43:35	1	0	752	751	1	1.0669	1.0669	0.0000	0.9807	0.9808	-0.0001
2024-01-05T14:44:49	4	0	14	13	1	1.0505	1.0509	0.0004	0.9999	0.9999	0.0000
2024-01-05T14:45:33	3	0	2	2	0	1.0064	1.0057	-0.0007	0.9974	0.9973	0.0001
2024-01-05T14:46:07	1	0	1	1	0	1.0231	1.0231	0.0000	0.9083	0.9082	0.0001
2024-01-05T14:46:54	2	0	1	0	1	1.0550	null	null	0.999	0.999	0.0000
2024-01-05T14:56:03	2	0	41	35	6	0.9410	0.9411	0.0001	-0.9957	-0.9963	0.0006
2024-01-05T14:57:58	1	0	24	24	0	0.9458	0.9457	-0.0001	0.9971	0.9971	0.0000
2024-01-05T14:58:42	1	0	2	2	0	1.0296	1.0292	-0.0004	0.9917	0.9915	0.0002
2024-01-05T15:01:08	5	0	2	2	0	1.0160	1.0134	-0.0026	0.9102	0.9067	0.0035
2024-01-05T15:01:55	2	0	2	2	0	1.0566	1.0561	-0.0005	0.9992	0.9992	0.0000
2024-01-05T15:02:44	1	0	5	5	0	1.0278	1.0277	-0.0001	0.9833	0.9833	0.0000
2024-01-05T15:05:08	5	0	19	19	0	1.0502	1.0501	-0.0001	0.9997	0.9996	0.0001
2024-01-05T15:06:58	1	0	10	10	0	1.0471	1.0470	-0.0001	-0.9985	-0.9985	0.0000
2024-01-05T15:08:00	1	0	2	2	0	1.0482	1.0480	-0.0003	-0.9919	-0.9921	0.0002
2024-01-05T15:11:31	1	0	6	6	0	1.0422	1.0420	-0.0002	0.9942	0.9941	0.0001
2024-01-05T15:13:07	2	0	459	436	23	1.0628	1.0627	-0.0001	1	1	0.0000
2024-01-05T15:15:07	1	0	8	8	0	1.0493	1.0492	-0.0001	0.9874	0.9873	0.0001
2024-01-05T15:15:53	1	0	8	8	0	1.0453	1.0450	-0.0003	0.9996	0.9996	0.0000
2024-01-05T15:31:10	4	0	4	4	0	1.0163	1.0163	0.0000	0.9545	0.9567	-0.0022
2024-01-05T15:37:20	2	0	17	17	0	0.9346	0.9347	0.0001	0.9899	0.9899	0.0000
2024-01-05T15:38:13	2	0	1	1	0	0.9626	0.9636	0.0010	0.9706	0.9706	0.0000
2024-01-05T15:39:16	1	0	5	5	0	1.0305	1.0304	-0.0001	0.9955	0.9963	-0.0008
2024-01-05T15:50:22	1	0	3	3	0	1.0313	1.0311	-0.0002	0.9879	0.9879	0.0000
2024-01-05T15:56:01	2	0	1	0	1	1.0098	null	null	0.9626	0.9626	0.0000
2024-01-05T15:56:34	1	0	9	9	0	1.0388	1.0387	0.0000	0.9953	0.9953	0.0000
2024-01-05T16:02:30	2	0	8	8	0	1.0303	1.0302	-0.0001	0.996	0.996	0.0000
2024-01-05T16:03:57	3	0	2	2	0	0.9783	0.9798	0.0015	0.9644	0.9649	-0.0005
2024-01-05T16:07:16	1	0	1	0	1	1.0187	null	null	-0.9831	-0.9831	0.0000
2024-01-05T16:37:15	4	0	3	3	0	0.9538	0.9570	0.0033	0.9879	0.988	-0.0001
2024-01-05T16:44:31	2	0	5	5	0	0.9408	0.9414	0.0006	-0.9646	-0.9634	-0.0012
2024-01-05T17:05:34	1	0	43	43	0	0.9390	0.9391	0.0002	-0.999	-0.999	0.0000
2024-01-06T07:50:16	2	0	155	155	0	0.9375	0.9378	0.0002	-0.9951	-0.9945	-0.0006
2024-01-06T07:51:49	2	0	44	44	0	0.9301	0.9302	0.0001	-0.9965	-0.9964	-0.0001
2024-01-06T07:58:54	2	0	95	95	0	0.9322	0.9324	0.0001	-0.9832	-0.9831	-0.0001
2024-01-06T08:00:34	3	0	83	80	3	0.9414	0.9415	0.0001	0.9997	0.9998	-0.0001
2024-01-06T08:04:59	1	0	50	50	0	0.9375	0.9376	0.0001	-0.9948	-0.9946	-0.0002
2024-01-06T08:05:17	1	0	158	157	1	0.9353	0.9353	0.0000	-0.9952	-0.9947	-0.0005
2024-01-06T08:10:34	3	0	80	80	0	0.9374	0.9374	0.0000	-0.9945	-0.9943	-0.0002

2024-01-06T08:12:32	3	0	260	260	0	0.9152	0.9153	0.0001	0.9956	0.9957	-0.0001
2024-01-06T08:24:37	2	0	86	83	3	0.9383	0.9382	-0.0001	-0.9958	-0.9958	0.0000
2024-01-06T08:32:10	2	0	753	753	0	1.0722	1.0722	0.0000	-0.999	-0.999	0.0000
2024-01-06T08:36:41	3	0	12	11	1	0.9578	0.9580	0.0002	0.9915	0.9915	0.0000
2024-01-06T08:39:38	1	0	98	96	2	0.9380	0.9380	-0.0001	-0.9967	-0.9967	0.0000
2024-01-06T08:39:46	3	0	140	136	4	0.9018	0.9020	0.0002	0.9993	0.9993	0.0000
2024-01-06T08:51:42	1	0	13	13	0	0.9525	0.9528	0.0003	0.9927	0.9929	-0.0002
2024-01-06T08:54:39	1	0	123	122	1	0.9321	0.9322	0.0001	-0.9964	-0.9964	0.0000
2024-01-06T08:57:35	1	0	260	260	0	0.9156	0.9156	0.0000	0.9959	0.996	-0.0001
2024-01-06T08:58:39	1	0	2	2	0	0.9903	0.9902	-0.0002	-0.991	-0.9909	-0.0001
2024-01-06T09:02:12	1	0	776	775	1	1.0725	1.0724	0.0000	-0.9988	-0.9988	0.0000
2024-01-06T09:02:13	1	0	4	4	0	1.0275	1.0275	0.0000	-0.983	-0.9824	-0.0006
2024-01-06T09:03:15	1	0	97	97	0	0.9374	0.9374	0.0000	0.9897	0.9897	0.0000
2024-01-06T09:05:04	1	0	87	87	0	0.9333	0.9333	0.0000	-0.9987	-0.9986	-0.0001
2024-01-06T09:05:21	3	0	184	184	0	0.9326	0.9329	0.0003	-0.998	-0.9976	-0.0004
2024-01-06T09:06:43	2	0	11	11	0	0.9465	0.9472	0.0007	0.9928	0.993	-0.0002
2024-01-06T09:09:40	1	0	125	125	0	0.9279	0.9283	0.0003	-0.9972	-0.9972	0.0000
2024-01-06T09:12:36	2	0	289	289	0	0.9172	0.9174	0.0002	0.996	0.9961	-0.0001
2024-01-06T09:12:41	3	0	184	182	2	1.0593	1.0591	-0.0001	-0.9979	-0.9979	0.0000
2024-01-06T09:18:16	1	0	109	109	0	0.9261	0.9263	0.0002	0.9887	0.9888	-0.0001
2024-01-06T09:19:15	1	0	4	4	0	1.0076	1.0074	-0.0002	0.9931	0.993	0.0001
2024-01-06T09:20:19	1	0	31	31	0	0.9672	0.9673	0.0000	0.9898	0.9896	0.0002
2024-01-06T09:20:23	1	0	26	26	0	0.9544	0.9544	0.0000	0.9997	0.9997	0.0000
2024-01-06T09:21:44	1	0	17	17	0	0.9397	0.9401	0.0003	0.9921	0.9925	-0.0004
2024-01-06T09:22:45	2	0	5	5	0	0.9484	0.9491	0.0007	0.9899	0.99	-0.0001
2024-01-06T09:30:39	1	0	29	28	1	0.9442	0.9444	0.0003	0.9985	0.9985	0.0000
2024-01-06T09:30:40	1	0	9	9	0	0.9615	0.9617	0.0002	-0.9991	-0.9991	0.0000
2024-01-06T09:31:04	1	0	3	3	0	1.0219	1.0218	-0.0001	-0.9982	-0.9982	0.0000
2024-01-06T09:32:23	1	0	10	10	0	0.9672	0.9657	-0.0015	0.9924	0.9924	0.0000
2024-01-06T09:35:14	1	0	1	1	0	1.0386	1.0382	-0.0004	0.9996	0.9996	0.0000
2024-01-06T09:35:24	8	0	46	44	2	0.9398	0.9399	0.0002	0.9997	0.9997	0.0000
2024-01-06T09:38:58	1	0	1	1	0	0.9732	0.9736	0.0004	1	1	0.0000
2024-01-06T09:39:50	4	0	85	78	7	0.9162	0.9168	0.0006	-1	-1	0.0000
2024-01-06T09:40:52	1	0	63	59	4	0.9534	0.9537	0.0003	0.9998	0.9998	0.0000
2024-01-06T09:41:42	3	0	2	2	0	0.9826	0.9829	0.0003	0.9932	0.9933	-0.0001
2024-01-06T09:42:43	2	0	201	193	8	1.0589	1.0587	-0.0001	-0.9986	-0.9987	0.0001
2024-01-06T09:43:15	1	0	23	22	1	1.0493	1.0490	-0.0003	1	1	0.0000
2024-01-06T09:44:02	2	0	162	162	0	0.9279	0.9283	0.0004	-0.9907	-0.9899	-0.0008
2024-01-06T09:45:41	2	0	9	9	0	0.9455	0.9456	0.0001	-0.9991	-0.9991	0.0000
2024-01-06T09:46:05	5	0	5	5	0	1.0174	1.0173	-0.0001	-0.9978	-0.9979	0.0001
2024-01-06T09:46:18	2	0	1	1	0	0.9841	0.9847	0.0006	-0.9861	-0.9855	-0.0006
2024-01-06T09:47:02	2	0	5	5	0	1.0274	1.0272	-0.0002	0.9994	0.9993	0.0001
2024-01-06T09:47:18	2	0	37	37	0	0.9442	0.9441	-0.0001	0.9911	0.9913	-0.0002
2024-01-06T09:48:41	4	0	6	6	0	0.9416	0.9422	0.0006	0.9979	0.9979	0.0000
2024-01-06T09:50:07	2	0	36	34	2	0.9404	0.9411	0.0007	-0.9982	-0.9981	-0.0001
2024-01-06T09:50:21	2	0	61	54	7	1.0570	1.0565	-0.0005	0.9992	0.9992	0.0000
2024-01-06T09:50:25	3	0	59	56	3	0.9388	0.9389	0.0001	0.9995	0.9995	0.0000
2024-01-06T09:51:46	17	0	16	15	1	0.9401	0.9428	0.0027	0.9917	0.9919	-0.0002
2024-01-06T09:51:57	1	0	28	27	1	0.9311	0.9315	0.0003	-0.9984	-0.9984	0.0000
2024-01-06T09:52:47	1	0	2	2	0	0.9830	0.9831	0.0001	0.9953	0.9953	0.0000
2024-01-06T09:54:51	3	0	89	88	1	0.9205	0.9207	0.0002	-0.9999	-0.9999	0.0000
2024-01-06T09:55:33	1	0	5	5	0	1.0001	1.0002	0.0001	0.9991	0.9991	0.0000
2024-01-06T09:55:41	2	0	86	85	1	0.9296	0.9299	0.0003	-0.9969	-0.9963	-0.0006
2024-01-06T09:56:40	1	0	1	1	0	0.9795	0.9799	0.0004	0.9979	0.9979	0.0000
2024-01-06T09:57:20	2	0	1	1	0	0.9829	0.9834	0.0005	-0.9948	-0.9947	-0.0001
2024-01-06T10:00:45	8	0	18	13	5	0.9676	0.9769	0.0093	0.9907	0.9908	-0.0001
2024-01-06T10:01:50	2	0	2	2	0	1.0371	1.0368	-0.0004	0.9999	0.9999	0.0000
2024-01-06T10:02:04	1	0	6	6	0	1.0105	1.0105	0.0001	0.9994	0.9994	0.0000
2024-01-06T10:02:47	1	0	29	29	0	0.9572	0.9577	0.0005	0.9839	0.984	-0.0001
2024-01-06T10:05:20	2	0	1	0	1	0.9450	null	null	0.9937	0.9936	0.0001
2024-01-06T10:05:26	4	0	27	27	0	0.9455	0.9456	0.0001	0.9998	0.9998	0.0000
2024-01-06T10:05:54	3	0	1	0	1	1.0452	null	null	-0.9922	-0.9923	0.0001
2024-01-06T10:09:19	1	0	2	2	0	0.9638	0.9641	0.0003	0.9805	0.9806	-0.0001
2024-01-06T10:13:25	1	0	65	65	0	0.9357	0.9358	0.0001	0.9996	0.9996	0.0000
2024-01-06T10:14:48	2	0	22	19	3	0.9340	0.9356	0.0016	0.9829	0.9832	-0.0003
2024-01-06T10:14:58	1	0	41	36	5	0.9289	0.9297	0.0007	-0.9991	-0.9991	0.0000
2024-01-06T10:15:01	3	0	1	1	0	0.9899	0.9906	0.0007	-0.9998	-0.9998	0.0000
2024-01-06T10:17:44	10	0	128	122	6	0.9253	0.9274	0.0020	0.999	0.9992	-0.0002
2024-01-06T10:18:17	2	0	165	160	5	1.0625	1.0622	-0.0003	-0.9999	-0.9999	0.0000
2024-01-06T10:18:54	1	0	95	93	2	0.9356	0.9359	0.0003	0.9958	0.9958	0.0000
2024-01-06T10:20:45	2	0	233	230	3	1.0592	1.0591	-0.0001	-0.9973	-0.9974	0.0001
2024-01-06T10:21:39	2	0	127	126	1	0.9399	0.9398	0.0000	0.997	0.9969	0.0001
2024-01-06T10:22:03	2	0	141	140	1	0.9283	0.9296	0.0012	-0.9885	-0.9875	-0.0010
2024-01-06T10:22:34	1	0	2	2	0	1.0064	1.0063	-0.0001	0.997	0.9969	0.0001
2024-01-06T10:22:47	1	0	11	10	1	1.0534	1.0532	-0.0002	0.9903	0.9903	0.0000
2024-01-06T10:23:43	1	0	5	5	0	0.9828	0.9829	0.0001	-0.9988	-0.9987	-0.0001
2024-01-06T10:23:46	7	0	70	70	0	0.9407	0.9423	0.0016	0.9874	0.9883	-0.0009
2024-01-06T10:24:03	2	0	1	1	0	1.0224	1.0219	-0.0005	-0.9989	-0.9989	0.0000
2024-01-06T10:25:04	1	0	36	36	0	0.9518	0.9519	0.0001	0.9951	0.9951	0.0000
2024-01-06T10:25:11	6	0	4	4	0	1.0375	1.0354	-0.0021	-0.9999	-0.9999	0.0000
2024-01-06T10:25:24	1	0	5	5	0	0.9942	0.9943	0.0001	0.9985	0.9985	0.0000
2024-01-06T10:26:33	3	0	1	1	0	0.9825	0.9841	0.0016	0.9989	0.9989	0.0000
2024-01-06T10:26:46	1	0	4	4	0	0.9835	0.9834	-0.0001	0.9959	0.9957	0.0002
2024-01-06T10:27:59	1	0	33	33	0	0.9408	0.9408	0.0000	0.9951	0.9952	-0.0001
2024-01-06T10:28:23	1	0	140	138	2	0.9403	0.9404	0.0000	-0.9959	-0.9954	-0.0005

2024-01-06T10:31:22	5	0	28	18	10	0.9414	0.9426	0.0012	0.9914	0.9917	-0.0003
2024-01-06T10:33:41	1	0	98	96	2	0.9304	0.9310	0.0006	-0.9987	-0.9984	-0.0003
2024-01-06T10:34:08	3	0	4	4	0	1.0201	1.0198	-0.0003	0.983	0.9828	0.0002
2024-01-06T10:34:45	1	0	1	1	0	0.9667	0.9670	0.0003	0.9934	0.9934	0.0000
2024-01-06T10:35:35	1	0	9	4	5	1.0571	1.0569	-0.0003	-0.9957	-0.9957	0.0000
2024-01-06T10:36:01	6	0	2	2	0	1.0346	1.0364	0.0019	-0.9975	-0.9974	-0.0001
2024-01-06T10:36:38	1	0	1	1	0	1.0347	1.0344	-0.0003	0.9971	0.9971	0.0000
2024-01-06T10:37:48	1	0	11	11	0	1.0501	1.0500	-0.0001	0.9905	0.9904	0.0001
2024-01-06T10:38:16	2	0	1	0	1	1.0579	null	null	1	1	0.0000
2024-01-06T10:38:46	1	0	69	70	-1	0.9414	0.9417	0.0004	0.9882	0.988	0.0002
2024-01-06T10:39:04	2	0	5	5	0	1.0160	1.0159	-0.0002	-0.9985	-0.9985	0.0000
2024-01-06T10:40:20	1	0	52	52	0	0.9373	0.9376	0.0003	0.9854	0.9854	0.0000
2024-01-06T10:41:34	2	0	2	2	0	1.0277	1.0262	-0.0015	0.9996	0.9995	0.0001
2024-01-06T10:42:47	4	0	2	2	0	1.0463	1.0455	-0.0008	0.9969	0.9967	0.0002
2024-01-06T10:43:24	1	0	139	139	0	0.9386	0.9386	0.0000	-0.9973	-0.997	-0.0003
2024-01-06T10:43:45	1	0	6	6	0	0.9480	0.9483	0.0003	-0.999	-0.999	0.0000
2024-01-06T10:43:53	3	0	3	3	0	1.0411	1.0406	-0.0005	-0.9971	-0.9974	0.0003
2024-01-06T10:44:12	2	0	1	1	0	1.0217	1.0211	-0.0006	0.9997	0.9997	0.0000
2024-01-06T10:45:00	2	0	42	41	1	0.9295	0.9296	0.0001	-0.9995	-0.9994	-0.0001
2024-01-06T10:46:51	1	0	70	68	2	0.9438	0.9442	0.0003	0.9948	0.9946	0.0002
2024-01-06T10:47:39	2	0	150	144	6	0.9110	0.9111	0.0002	-1	-1	0.0000
2024-01-06T10:48:38	2	0	1	1	0	1.0047	1.0029	-0.0018	-0.9941	-0.9942	0.0001
2024-01-06T10:48:42	1	0	99	98	1	0.9286	0.9286	0.0000	-0.999	-0.9989	-0.0001
2024-01-06T10:49:46	2	0	4	4	0	0.9575	0.9576	0.0001	0.9945	0.9946	-0.0001
2024-01-06T10:50:18	2	0	1	1	0	0.9852	0.9859	0.0007	-0.994	-0.9939	-0.0001
2024-01-06T10:56:18	1	0	307	307	0	1.0672	1.0672	-0.0001	-0.9398	-0.9397	-0.0001
2024-01-06T10:58:27	1	0	55	54	1	0.9371	0.9371	0.0000	0.9999	0.9999	0.0000
2024-01-06T10:58:30	2	0	1	1	0	1.0283	1.0277	-0.0006	0.9985	0.9984	0.0001
2024-01-06T11:02:47	1	0	124	124	0	0.9265	0.9268	0.0003	-0.9999	-0.9999	0.0000
2024-01-06T11:04:47	1	0	3	3	0	0.9614	0.9615	0.0001	0.9931	0.9932	-0.0001
2024-01-06T11:08:48	1	0	69	70	-1	0.9418	0.9419	0.0000	0.9884	0.9884	0.0000
2024-01-06T11:09:23	1	0	3	3	0	0.9918	0.9916	-0.0001	-0.9924	-0.9925	0.0001
2024-01-06T11:09:26	1	0	2	2	0	1.0381	1.0375	-0.0006	0.9954	0.9953	0.0001
2024-01-06T11:10:27	1	0	4	4	0	0.9957	0.9958	0.0001	0.9988	0.9988	0.0000
2024-01-06T11:14:38	3	0	1	1	0	1.0294	1.0288	-0.0006	0.979	0.9781	0.0009
2024-01-06T11:17:26	2	0	1	1	0	1.0366	1.0351	-0.0015	0.9997	0.9995	0.0002
2024-01-06T11:17:46	1	0	310	309	1	0.9291	0.9292	0.0001	0.9998	0.9999	-0.0001
2024-01-06T11:18:44	5	0	175	172	3	0.9285	0.9286	0.0002	-0.9996	-0.9996	0.0000
2024-01-06T11:19:44	2	0	2	2	0	1.0272	1.0265	-0.0008	0.9985	0.9984	0.0001
2024-01-06T11:19:45	1	0	1	0	1	1.0558	null	null	1	1	0.0000
2024-01-06T11:21:24	1	0	6	6	0	0.9455	0.9459	0.0004	-0.9697	-0.9686	-0.0011
2024-01-06T11:22:14	2	0	13	13	0	1.0464	1.0461	-0.0002	-0.9997	-0.9997	0.0000
2024-01-06T11:22:38	1	0	3	3	0	0.9823	0.9823	0.0000	0.9975	0.9974	0.0001
2024-01-06T11:26:57	2	0	3	3	0	1.0017	1.0015	-0.0003	-0.9727	-0.9727	0.0000
2024-01-06T11:30:53	2	0	1	2	-1	1.0089	0.9896	-0.0194	0.995	0.9951	-0.0001
2024-01-06T11:33:59	1	0	110	110	0	0.9323	0.9323	0.0000	0.9944	0.9943	0.0001
2024-01-06T11:34:12	3	0	3	3	0	1.0016	1.0017	0.0000	0.9807	0.9807	0.0000
2024-01-06T11:34:46	1	0	1	1	0	1.0597	1.0596	-0.0001	-0.9999	-0.9999	0.0000
2024-01-06T11:34:49	6	0	3	4	-1	0.9482	0.9473	-0.0009	0.9929	0.9929	0.0000
2024-01-06T11:39:08	8	0	3	4	-1	1.0192	1.0111	-0.0081	-0.9987	-0.9987	0.0000
2024-01-06T11:40:18	1	0	4	4	0	1.0243	1.0243	0.0000	-0.988	-0.9875	-0.0005
2024-01-06T11:40:24	3	0	51	50	1	0.9420	0.9381	-0.0039	0.9898	0.9898	0.0000
2024-01-06T11:40:53	1	0	30	30	0	0.9481	0.9481	0.0000	0.9793	0.9792	0.0001
2024-01-06T11:42:22	1	0	4	5	-1	1.0317	1.0307	-0.0010	0.9965	0.9965	0.0000
2024-01-06T11:49:00	1	0	104	104	0	0.9316	0.9316	0.0000	0.995	0.9949	0.0001
2024-01-06T11:49:13	3	0	3	3	0	1.0341	1.0341	0.0000	0.9807	0.9808	-0.0001
2024-01-06T11:51:26	1	0	17	17	0	0.9406	0.9406	0.0000	-0.9723	-0.9714	-0.0009
2024-01-06T11:51:49	1	0	1	1	0	0.9447	0.9447	0.0000	-0.9999	-0.9999	0.0000
2024-01-06T11:53:50	1	0	9	9	0	0.9450	0.9450	0.0000	0.9985	0.9985	0.0000
2024-01-06T11:54:39	2	0	78	77	1	0.9470	0.9455	-0.0014	-0.9783	-0.9782	-0.0001
2024-01-06T11:55:19	1	0	4	4	0	1.0247	1.0247	0.0000	-0.9889	-0.9885	-0.0004
2024-01-06T11:55:25	2	0	48	48	0	0.9319	0.9319	0.0000	0.9918	0.9918	0.0000
2024-01-06T11:55:54	1	0	26	26	0	0.9534	0.9534	0.0000	0.9831	0.9829	0.0002
2024-01-06T12:00:55	1	0	1	1	0	1.0016	1.0016	0.0000	0.9941	0.9944	-0.0003
2024-01-06T12:04:01	1	0	148	148	0	0.9269	0.9269	0.0000	0.9954	0.9952	0.0002
2024-01-06T12:07:32	4	0	1	0	1	1.0553	null	null	0.9994	0.9995	-0.0001
2024-01-06T12:07:56	1	0	147	146	1	0.9302	0.9307	0.0005	0.9813	0.9813	0.0000
2024-01-06T12:08:51	1	0	17	17	0	0.9439	0.9440	0.0000	0.9982	0.9982	0.0000
2024-01-06T12:10:26	1	0	32	32	0	0.9539	0.9539	0.0000	0.9925	0.9925	0.0000
2024-01-06T12:10:55	1	0	33	33	0	0.9540	0.9539	0.0000	0.9828	0.9826	0.0002
2024-01-06T12:15:56	1	0	1	1	0	0.9530	0.9533	0.0003	0.9883	0.9884	-0.0001
2024-01-06T12:49:17	3	0	1	1	0	1.0002	1.0002	0.0000	0.9804	0.9805	-0.0001
2024-01-06T12:49:54	5	0	5	7	-2	0.9648	0.9587	-0.0061	0.9938	0.9937	0.0001
2024-01-06T12:51:30	1	0	11	11	0	0.9435	0.9436	0.0001	-0.9731	-0.9722	-0.0009
2024-01-06T12:52:39	6	0	15	8	7	0.9425	0.9435	0.0011	0.9993	0.9995	-0.0002
2024-01-06T12:54:13	6	0	3	3	0	1.0162	1.0161	-0.0001	-0.9992	-0.9992	0.0000
2024-01-06T13:01:17	5	0	3	3	0	1.0244	1.0240	-0.0004	-0.9982	-0.9982	0.0000
2024-01-06T13:06:54	1	0	1	1	0	0.9421	0.9421	0.0000	-0.9999	-0.9999	0.0000
2024-01-06T13:27:03	1	0	1	0	1	0.9448	null	null	-0.993	-0.993	0.0000
2024-01-06T13:37:44	4	0	4	4	0	0.9483	0.9484	0.0002	0.9995	0.9996	-0.0001
2024-01-06T13:42:04	2	0	1	1	0	0.9433	0.9439	0.0006	-0.9947	-0.9947	0.0000
2024-01-06T13:43:30	2	0	3	2	1	0.9431	0.9439	0.0008	0.9925	0.9926	-0.0001
2024-01-06T13:49:58	1	0	40	39	1	0.9445	0.9446	0.0002	0.9913	0.9913	0.0000
2024-01-06T13:53:58	1	0	37	34	3	0.9435	0.9436	0.0001	0.998	0.998	0.0000
2024-01-06T14:03:48	1	0	5	5	0	1.0225	1.0225	0.0000	1	1	0.0000

2024-01-06T14:03:54	1	0	48	48	0	0.9376	0.9376	0.0000	-0.9927	-0.9927	0.0000
2024-01-06T14:04:59	1	0	2	2	0	0.9803	0.9803	0.0001	0.9935	0.9935	0.0000
2024-01-06T14:06:54	1	0	1	2	-1	1.0282	1.0275	-0.0008	0.9988	0.9988	0.0000
2024-01-06T14:06:58	2	0	2	0	2	0.9437	null	null	-0.9999	-0.9999	0.0000
2024-01-06T14:08:58	3	0	5	7	-2	0.9628	0.9575	-0.0053	-0.9992	-0.9992	0.0000
2024-01-06T14:08:59	1	0	10	11	-1	0.9476	0.9474	-0.0002	0.9983	0.9983	0.0000
2024-01-06T14:09:51	1	0	126	125	1	0.9809	0.9802	-0.0006	-0.9694	-0.9693	-0.0001
2024-01-06T14:11:03	1	0	35	35	0	0.9538	0.9547	0.0009	0.9865	0.9864	0.0001
2024-01-06T14:12:08	2	0	1	2	-1	0.9741	0.9939	0.0198	-0.9899	-0.9898	-0.0001
2024-01-06T14:13:14	3	0	20	20	0	0.9635	0.9633	-0.0001	0.9949	0.9949	0.0000
2024-01-06T14:13:32	1	0	3	2	1	0.9440	0.9440	-0.0001	0.9924	0.9924	0.0000
2024-01-06T14:16:22	4	0	4	4	0	1.0276	1.0274	-0.0002	-0.9977	-0.9977	0.0000
2024-01-06T14:19:23	3	0	5	5	0	1.0120	1.0123	0.0003	0.9792	0.9794	-0.0002
2024-01-06T14:21:59	1	0	1	1	0	1.0398	1.0387	-0.0011	-0.9999	-1	0.0001
2024-01-06T14:23:29	3	0	2	0	2	0.9519	null	null	0.9944	0.9944	0.0000
2024-01-06T14:23:59	2	0	30	29	1	0.9465	0.9466	0.0001	-0.999	-0.999	0.0000
2024-01-06T14:24:00	1	0	6	6	0	0.9505	0.9506	0.0001	0.9982	0.9982	0.0000
2024-01-06T14:24:19	2	0	2	2	0	1.0089	1.0088	-0.0001	-0.9991	-0.9992	0.0001
2024-01-06T14:24:52	1	0	132	132	0	0.9746	0.9746	0.0000	-0.9672	-0.9671	-0.0001
2024-01-06T14:25:26	6	0	2	3	-1	1.0246	1.0244	-0.0002	0.9999	0.9999	0.0000
2024-01-06T14:25:31	1	0	618	618	0	1.0690	1.0690	0.0000	-0.9982	-0.9982	0.0000
2024-01-06T14:26:04	1	0	30	30	0	0.9545	0.9545	0.0000	0.9889	0.9888	0.0001
2024-01-06T14:28:52	1	0	87	87	0	0.9422	0.9424	0.0002	0.9954	0.9955	-0.0001
2024-01-06T14:29:51	3	0	2	2	0	0.9447	0.9447	0.0000	0.9787	0.9788	-0.0001
2024-01-06T14:31:23	3	0	4	4	0	1.0283	1.0282	-0.0001	-0.9975	-0.9975	0.0000
2024-01-06T14:35:01	3	0	4	4	0	0.9972	0.9973	0.0002	0.9975	0.9976	-0.0001
2024-01-06T14:35:52	1	0	79	79	0	1.1080	1.0891	-0.0189	-0.9927	-0.993	0.0003
2024-01-06T14:36:37	2	0	12	12	0	0.9508	0.9509	0.0001	-0.9719	-0.9712	-0.0007
2024-01-06T14:38:50	1	0	1	1	0	1.0441	1.0438	-0.0003	-0.9999	-0.9999	0.0000
2024-01-06T14:39:00	2	0	181	181	0	0.9317	0.9318	0.0001	-0.9995	-0.9994	-0.0001
2024-01-06T14:39:01	1	0	41	39	2	0.9430	0.9431	0.0001	0.9981	0.9982	-0.0001
2024-01-06T14:39:20	2	0	3	3	0	1.0179	1.0178	-0.0001	-0.9993	-0.9993	0.0000
2024-01-06T14:40:27	5	0	3	3	0	1.0269	1.0266	-0.0002	0.9999	0.9999	0.0000
2024-01-06T14:41:54	1	0	3	3	0	0.9934	0.9936	0.0002	0.996	0.996	0.0000
2024-01-06T14:42:21	1	0	7	5	2	0.9441	0.9442	0.0002	0.9833	0.9835	-0.0002
2024-01-06T14:44:54	1	0	11	10	1	1.0485	1.0487	0.0001	-0.9974	-0.9975	0.0001
2024-01-06T14:47:40	1	0	1	0	1	0.9440	null	null	0.9989	0.9989	0.0000
2024-01-06T14:51:35	1	0	2	2	0	0.9442	0.9446	0.0004	0.9917	0.9915	0.0002
2024-01-06T14:54:36	2	0	2	2	0	0.9417	0.9424	0.0006	0.9957	0.9959	-0.0002
2024-01-06T14:54:54	1	0	210	209	1	0.9928	0.9928	0.0000	-0.9696	-0.9694	-0.0002
2024-01-06T14:55:28	2	0	3	3	0	1.0254	1.0254	0.0000	1	1	0.0000
2024-01-06T14:57:06	1	0	4	4	0	0.9839	0.9838	-0.0001	0.9982	0.9981	0.0001
2024-01-06T14:58:09	1	0	1	0	1	1.0576	null	null	-0.997	-0.997	0.0000
2024-01-06T14:58:54	1	0	87	87	0	0.9418	0.9418	0.0000	0.9962	0.9963	-0.0001
2024-01-06T15:03:01	2	0	82	81	1	0.9314	0.9302	-0.0012	0.9994	0.9996	-0.0002
2024-01-06T15:03:54	2	0	1	1	0	1.0123	1.0113	-0.0010	0.979	0.9788	0.0002
2024-01-06T15:05:57	1	0	305	297	8	0.9104	0.9103	0.0000	0.9935	0.9937	-0.0002
2024-01-06T15:09:04	4	0	70	69	1	0.9418	0.9418	0.0000	0.9889	0.989	-0.0001
2024-01-06T15:10:29	2	0	3	2	1	1.0224	1.0220	-0.0004	0.9999	0.9999	0.0000
2024-01-06T15:11:07	1	0	27	27	0	0.9649	0.9649	0.0000	0.9928	0.9927	0.0001
2024-01-06T15:11:56	1	0	41	41	0	0.9404	0.9404	0.0000	0.9974	0.9975	-0.0001
2024-01-06T15:12:04	2	0	52	52	0	0.9379	0.9380	0.0000	0.9999	0.9999	0.0000
2024-01-06T15:14:56	1	0	8	8	0	1.0468	1.0467	-0.0001	-0.9954	-0.9955	0.0001
2024-01-06T15:16:04	1	0	1	0	1	0.9448	null	null	0.9837	0.9838	-0.0001
2024-01-06T15:18:02	3	0	70	70	0	0.9215	0.9217	0.0002	0.9995	0.9995	0.0000
2024-01-06T15:20:51	1	0	1	0	1	0.9643	null	null	-1	-1	0.0000
2024-01-06T15:21:37	2	0	1	1	0	1.0252	1.0246	-0.0006	0.9928	0.9927	0.0001
2024-01-06T15:22:38	2	0	19	19	0	1.0515	1.0514	-0.0001	-0.9942	-0.9943	0.0001
2024-01-06T15:24:05	3	0	69	69	0	0.9153	0.9160	0.0007	0.989	0.9891	-0.0001
2024-01-06T15:24:23	1	0	3	3	0	1.0191	1.0189	-0.0002	-0.9989	-0.9989	0.0000
2024-01-06T15:26:57	3	0	3	3	0	0.9823	0.9824	0.0002	0.9973	0.9974	-0.0001
2024-01-06T15:33:03	2	0	152	150	2	0.9089	0.9065	-0.0024	0.9994	0.9993	0.0001
2024-01-06T15:33:05	1	0	125	125	0	0.9225	0.9225	0.0000	-0.9985	-0.9985	0.0000
2024-01-06T15:34:28	1	0	9	9	0	1.0138	1.0139	0.0002	0.9793	0.9793	0.0000
2024-01-06T15:36:06	2	0	292	292	0	1.0624	1.0624	0.0000	-0.9988	-0.9988	0.0000
2024-01-06T15:39:06	1	0	1	0	1	1.0175	null	null	0.9986	0.9984	0.0002
2024-01-06T15:40:25	1	0	42	42	0	0.9606	0.9606	0.0000	0.996	0.996	0.0000
2024-01-06T15:41:58	2	0	2	2	0	0.9642	0.9646	0.0004	0.9978	0.9977	0.0001
2024-01-06T15:42:06	1	0	5	5	0	0.9569	0.9569	0.0000	-1	-1	0.0000
2024-01-06T15:42:12	2	0	32	31	1	0.9415	0.9420	0.0005	-0.9952	-0.9952	0.0000
2024-01-06T15:43:36	1	0	4	4	0	1.0443	1.0442	-0.0001	0.9999	0.9999	0.0000
2024-01-06T15:46:06	1	0	3	3	0	0.9435	0.9443	0.0008	0.9824	0.9826	-0.0002
2024-01-06T15:48:06	1	0	122	121	1	0.9269	0.9278	0.0008	-0.9983	-0.9982	-0.0001
2024-01-06T15:51:07	2	0	301	292	9	1.0611	1.0610	-0.0001	-0.9984	-0.9983	-0.0001
2024-01-06T15:55:37	2	0	656	656	0	1.0702	1.0701	0.0000	-0.9981	-0.9981	0.0000
2024-01-06T15:57:07	2	0	19	19	0	0.9437	0.9438	0.0001	1	1	0.0000
2024-01-06T15:59:01	1	0	5	5	0	0.9431	0.9435	0.0004	0.9811	0.9814	-0.0003
2024-01-06T15:59:59	1	0	3	3	0	1.0377	1.0377	0.0000	-0.9962	-0.9962	0.0000
2024-01-06T16:02:45	1	0	2	2	0	0.9836	0.9838	0.0002	0.9988	0.9988	0.0000
2024-01-06T16:03:07	2	0	137	137	0	0.9146	0.9146	0.0000	-0.9987	-0.9987	0.0000
2024-01-06T16:04:30	3	0	27	26	1	0.9588	0.9590	0.0001	0.9788	0.9788	0.0000
2024-01-06T16:06:23	1	0	2	2	0	1.0308	1.0308	0.0000	-0.9961	-0.9961	0.0000
2024-01-06T16:07:59	1	0	2	2	0	1.0029	1.0027	-0.0001	0.9979	0.9979	0.0000
2024-01-06T16:09:08	1	0	2	2	0	1.0185	1.0184	-0.0001	0.9987	0.9987	0.0000
2024-01-06T16:13:53	1	0	2	2	0	1.0286	1.0286	0.0000	0.9988	0.9988	0.0000

2024-01-06T16:18:06	1	0	180	180	0	0.8968	0.8968	0.0000	0.9986	0.9986	0.0000
2024-01-06T16:22:55	2	0	30	26	4	0.9388	0.9396	0.0008	0.9994	0.9995	-0.0001
2024-01-06T16:27:09	3	0	21	21	0	0.9458	0.9459	0.0000	1	1	0.0000
2024-01-06T16:27:21	1	0	1	1	0	0.9439	0.9439	0.0000	0.9975	0.9975	0.0000
2024-01-06T16:30:12	6	0	174	173	1	0.9411	0.9413	0.0002	0.9885	0.9889	-0.0004
2024-01-06T16:33:07	2	0	109	108	1	0.9001	0.9005	0.0004	0.999	0.999	0.0000
2024-01-06T16:34:32	1	0	38	38	0	0.9540	0.9540	0.0000	0.9796	0.9796	0.0000
2024-01-06T16:36:00	1	0	1	0	1	1.0552	null	null	-0.9906	-0.9906	0.0000
2024-01-06T16:36:25	2	0	2	2	0	1.0156	1.0159	0.0003	-0.9974	-0.9974	0.0000
2024-01-06T16:37:56	1	0	16	16	0	0.9417	0.9418	0.0001	0.9994	0.9995	-0.0001
2024-01-06T16:40:50	1	0	1	1	0	0.9978	0.9978	0.0000	0.9999	0.9991	0.0008
2024-01-06T16:43:50	1	0	238	238	0	0.9290	0.9290	0.0000	-0.9987	-0.9985	-0.0002
2024-01-06T16:45:13	19	0	288	244	44	0.9320	0.9321	0.0001	0.9879	0.9885	-0.0006
2024-01-06T16:45:24	1	0	66	66	0	0.9247	0.9247	0.0000	-0.9996	-0.9996	0.0000
2024-01-06T16:48:10	1	0	126	126	0	0.9211	0.9211	0.0000	-0.9984	-0.9984	0.0000
2024-01-06T16:49:06	1	0	133	132	1	0.9124	0.9125	0.0002	-0.9997	-0.9996	-0.0001
2024-01-06T16:49:33	1	0	90	89	1	0.9426	0.9427	0.0001	0.9796	0.9796	0.0000
2024-01-06T16:52:57	1	0	12	12	0	0.9425	0.9428	0.0003	0.9994	0.9995	-0.0001
2024-01-06T16:53:13	1	0	7	7	0	1.0497	1.0497	0.0000	0.991	0.991	0.0000
2024-01-06T16:58:32	1	0	117	117	0	0.9290	0.9290	0.0000	-0.9997	-0.9997	0.0000
2024-01-06T16:58:45	1	0	3	3	0	0.9435	0.9436	0.0001	0.9937	0.9937	0.0000
2024-01-06T16:58:51	1	0	331	330	1	0.9243	0.9244	0.0001	-0.9993	-0.9991	-0.0002
2024-01-06T17:00:14	8	0	490	478	12	0.9270	0.9271	0.0001	0.9879	0.988	-0.0001
2024-01-06T17:00:25	1	0	75	75	0	0.9222	0.9223	0.0001	-1	-1	0.0000
2024-01-06T17:03:11	1	0	137	137	0	0.9124	0.9127	0.0003	-0.9988	-0.9987	-0.0001
2024-01-06T17:13:33	1	0	127	127	0	0.9225	0.9226	0.0001	1	1	0.0000
2024-01-06T17:13:50	1	0	90	87	3	0.9196	0.9198	0.0001	0.9851	0.9852	-0.0001
2024-01-06T17:19:08	1	0	239	238	1	0.9066	0.9066	0.0000	1	1	0.0000
2024-01-06T17:23:44	3	0	3	3	0	1.0058	1.0053	-0.0005	0.9995	0.9995	0.0000
2024-01-06T17:27:32	1	0	115	114	1	0.9400	0.9400	0.0001	0.9829	0.9793	0.0036
2024-01-06T17:43:52	1	0	48	47	1	1.0466	1.0465	-0.0001	0.9943	0.9958	-0.0015
2024-01-06T17:45:17	2	0	274	273	1	0.9335	0.9335	0.0000	0.9887	0.9892	-0.0005
2024-01-06T17:48:49	1	0	155	152	3	1.0599	1.0599	0.0000	1	1	0.0000
2024-01-06T18:06:09	1	0	310	310	0	0.9062	0.9062	0.0000	0.9921	0.9923	-0.0002
2024-01-06T18:09:16	1	0	68	68	0	0.9198	0.9198	0.0000	0.9899	0.9898	0.0001
2024-01-06T18:13:56	2	0	218	218	0	0.9235	0.9235	0.0000	-0.9986	-0.9984	-0.0002
2024-01-06T18:15:19	7	0	136	133	3	0.9373	0.9374	0.0001	0.9889	0.9893	-0.0004
2024-01-06T18:22:15	1	0	34	33	1	0.9453	0.9453	0.0000	-0.9962	-0.9962	0.0000
2024-01-06T18:28:57	1	0	329	327	2	0.9260	0.9261	0.0001	-0.9997	-0.9996	-0.0001
2024-01-06T18:31:17	1	0	15	15	0	0.9434	0.9434	0.0000	0.9829	0.9831	-0.0002
2024-01-07T07:50:10	2	0	31	31	0	0.9423	0.9424	0.0001	1	1	0.0000
2024-01-07T07:57:25	2	0	225	225	0	0.9318	0.9319	0.0001	0.9954	0.9955	-0.0001
2024-01-07T08:05:11	1	0	55	55	0	0.9418	0.9419	0.0001	0.9986	0.9987	-0.0001
2024-01-07T08:13:31	2	0	2	2	0	1.0256	1.0253	-0.0003	-0.9982	-0.9982	0.0000
2024-01-07T08:17:03	2	0	773	773	0	1.0706	1.0706	0.0000	-0.9904	-0.9904	0.0000
2024-01-07T08:18:07	1	0	74	73	1	0.9719	0.9721	0.0002	0.9929	0.9931	-0.0002
2024-01-07T08:27:33	1	0	280	278	2	1.0587	1.0587	0.0000	0.9996	0.9997	-0.0001
2024-01-07T08:27:37	1	0	10	10	0	1.0477	1.0476	0.0000	0.9999	0.9999	0.0000
2024-01-07T08:36:39	1	0	1	1	0	0.9439	0.9442	0.0003	-0.9999	-0.9999	0.0000
2024-01-07T08:47:35	2	0	212	212	0	0.9350	0.9350	0.0000	0.9963	0.9963	0.0000
2024-01-07T08:47:41	1	0	3	3	0	0.9795	0.9797	0.0003	0.9963	0.9965	-0.0002
2024-01-07T08:48:09	1	0	20	20	0	0.9673	0.9673	0.0000	0.9931	0.9934	-0.0003
2024-01-07T08:54:33	2	0	116	115	1	0.9102	0.9104	0.0002	0.9973	0.9973	0.0000
2024-01-07T08:58:34	1	0	1	1	0	1.0243	1.0240	-0.0003	-0.999	-0.9991	0.0001
2024-01-07T09:01:41	2	0	6	6	0	1.0462	1.0462	0.0000	-0.9992	-0.9992	0.0000
2024-01-07T09:04:57	1	0	51	51	0	0.9369	0.9370	0.0002	-0.9971	-0.9969	-0.0002
2024-01-07T09:05:15	2	0	180	180	0	0.9321	0.9324	0.0003	0.9985	0.9987	-0.0002
2024-01-07T09:12:36	3	0	180	175	5	1.0575	1.0574	-0.0001	0.9997	0.9997	0.0000
2024-01-07T09:12:40	2	0	48	39	9	0.9425	0.9427	0.0002	-0.9945	-0.9945	0.0000
2024-01-07T09:12:40	1	0	9	9	0	1.0475	1.0474	-0.0001	0.9991	0.999	0.0001
2024-01-07T09:17:07	1	0	755	755	0	1.0713	1.0713	0.0000	-0.9903	-0.9903	0.0000
2024-01-07T09:17:16	4	0	4	4	0	0.9701	0.9713	0.0012	0.9864	0.9866	-0.0002
2024-01-07T09:19:10	1	0	8	8	0	1.0284	1.0282	-0.0001	0.9759	0.9758	0.0001
2024-01-07T09:20:19	1	0	2	2	0	0.9667	0.9668	0.0001	0.9999	0.9999	0.0000
2024-01-07T09:24:15	1	0	2	2	0	1.0465	1.0459	-0.0006	0.996	0.9959	0.0001
2024-01-07T09:24:35	3	0	146	139	7	0.8998	0.9005	0.0008	0.9996	0.9971	0.0025
2024-01-07T09:27:37	2	0	505	503	2	1.0656	1.0655	-0.0001	0.9993	0.9993	0.0000
2024-01-07T09:27:44	1	0	4	4	0	0.9712	0.9714	0.0002	0.9931	0.9929	0.0002
2024-01-07T09:28:36	1	0	2	2	0	1.0204	1.0203	-0.0002	-0.9995	-0.9995	0.0000
2024-01-07T09:33:12	1	0	71	71	0	0.9517	0.9519	0.0002	0.994	0.9939	0.0001
2024-01-07T09:33:26	1	0	2	1	1	1.0102	1.0092	-0.0010	0.9896	0.9895	0.0001
2024-01-07T09:35:20	7	0	2	2	0	0.9717	0.9724	0.0007	1	1	0.0000
2024-01-07T09:36:51	2	0	5	5	0	0.9290	0.9295	0.0005	-0.9956	-0.9954	-0.0002
2024-01-07T09:37:41	2	0	1	1	0	0.9603	0.9612	0.0009	0.9872	0.9872	0.0000
2024-01-07T09:41:01	1	0	4	4	0	1.0296	1.0295	-0.0001	0.9865	0.9865	0.0000
2024-01-07T09:42:50	2	0	2	2	0	0.9974	0.9978	0.0004	0.9999	0.9999	0.0000
2024-01-07T09:45:39	8	0	6	6	0	1.0330	1.0333	0.0003	0.9883	0.9887	-0.0004
2024-01-07T09:46:14	2	0	1	2	-1	0.9881	1.0051	0.0170	-0.9775	-0.9767	-0.0008
2024-01-07T09:47:38	2	0	245	245	0	0.9274	0.9276	0.0002	0.9946	0.9946	0.0000
2024-01-07T09:48:27	3	0	1	1	0	0.9752	0.9764	0.0012	0.9892	0.9894	-0.0002
2024-01-07T09:48:29	1	0	10	9	1	1.0477	1.0476	-0.0001	-0.989	-0.9894	0.0004
2024-01-07T09:50:10	1	0	6	6	0	1.0385	1.0385	-0.0001	-0.9999	-0.9999	0.0000
2024-01-07T09:57:45	3	0	2	2	0	1.0240	1.0234	-0.0007	0.9945	0.9947	-0.0002
2024-01-07T09:58:58	3	0	2	1	1	1.0001	1.0550	0.0548	-0.9977	-0.9978	0.0001
2024-01-07T10:01:45	1	0	3	3	0	1.0391	1.0390	-0.0001	-0.9999	-0.9999	0.0000

2024-01-07T10:03:30	1	0	10	9	1	1.0500	1.0489	-0.0011	-0.9902	-0.9905	0.0003
2024-01-07T10:04:48	1	0	1	1	0	1.0422	1.0419	-0.0003	0.9796	0.9793	0.0003
2024-01-07T10:05:17	2	0	10	10	0	1.0472	1.0466	-0.0006	0.9925	0.9924	0.0001
2024-01-07T10:05:22	3	0	2	2	0	0.9734	0.9737	0.0003	1	1	0.0000
2024-01-07T10:09:16	1	0	1	1	0	0.9771	0.9774	0.0003	0.9822	0.9824	-0.0002
2024-01-07T10:09:38	2	0	67	67	0	0.9098	0.9099	0.0000	0.9979	0.9979	0.0000
2024-01-07T10:10:50	1	0	91	90	1	0.9404	0.9407	0.0003	0.9889	0.9889	0.0000
2024-01-07T10:11:03	3	0	4	4	0	1.0308	1.0306	-0.0002	0.9854	0.9853	0.0001
2024-01-07T10:12:44	4	0	42	32	10	0.9426	0.9430	0.0003	-0.995	-0.9948	-0.0002
2024-01-07T10:12:44	8	0	18	16	2	1.0507	1.0508	0.0001	0.9999	0.9999	0.0000
2024-01-07T10:15:59	2	0	1	1	0	1.0170	1.0166	-0.0004	-0.9994	-0.9995	0.0001
2024-01-07T10:17:16	1	0	39	39	0	0.9371	0.9374	0.0003	0.9882	0.9882	0.0000
2024-01-07T10:18:29	1	0	11	11	0	0.9457	0.9457	0.0000	0.9833	0.9834	-0.0001
2024-01-07T10:18:31	1	0	13	12	1	1.0485	1.0476	-0.0009	-0.9887	-0.989	0.0003
2024-01-07T10:22:44	1	0	1	1	0	0.9674	0.9680	0.0006	0.9881	0.9881	0.0000
2024-01-07T10:23:05	5	0	3	2	1	1.0334	1.0326	-0.0008	-0.9979	-0.9978	-0.0001
2024-01-07T10:23:58	1	0	1	0	1	0.9719	null	null	-1	-1	0.0000
2024-01-07T10:24:39	2	0	81	81	0	0.9180	0.9180	-0.0001	0.9971	0.9971	0.0000
2024-01-07T10:25:29	1	0	5	5	0	1.0163	1.0163	0.0001	0.9979	0.9979	0.0000
2024-01-07T10:26:04	1	0	6	6	0	1.0337	1.0336	-0.0001	0.9858	0.9857	0.0001
2024-01-07T10:27:41	1	0	444	438	6	1.0636	1.0635	-0.0001	0.9989	0.9989	0.0000
2024-01-07T10:27:53	1	0	2	2	0	0.9966	0.9966	0.0000	0.9996	0.9996	0.0000
2024-01-07T10:28:37	2	0	9	9	0	0.9652	0.9652	0.0000	0.9963	0.9963	0.0000
2024-01-07T10:30:05	2	0	4	4	0	1.0392	1.0386	-0.0006	0.9999	0.9999	0.0000
2024-01-07T10:30:13	2	0	1	0	1	1.0559	null	null	0.9921	0.992	0.0001
2024-01-07T10:30:23	6	0	1	0	1	1.0354	null	null	-0.9973	-0.9974	0.0001
2024-01-07T10:30:42	2	0	68	65	3	0.9581	0.9614	0.0033	0.9898	0.9896	0.0002
2024-01-07T10:31:04	2	0	5	5	0	1.0533	1.0529	-0.0004	0.9906	0.9903	0.0003
2024-01-07T10:32:17	3	0	37	36	1	0.9462	0.9427	-0.0035	0.9886	0.9887	-0.0001
2024-01-07T10:33:49	1	0	3	3	0	0.9992	0.9990	-0.0002	-0.9923	-0.9923	0.0000
2024-01-07T10:34:42	4	0	1	0	1	1.0456	null	null	0.9998	0.9998	0.0000
2024-01-07T10:34:58	1	0	7	7	0	1.0462	1.0460	-0.0001	0.9947	0.9946	0.0001
2024-01-07T10:35:24	1	0	3	3	0	0.9641	0.9643	0.0002	1	1	0.0000
2024-01-07T10:36:35	1	0	4	4	0	1.0414	1.0412	-0.0002	-0.9969	-0.997	0.0001
2024-01-07T10:40:17	1	0	19	19	0	1.0530	1.0529	-0.0001	0.9996	0.9995	0.0001
2024-01-07T10:41:05	1	0	7	7	0	1.0343	1.0342	-0.0001	0.9869	0.9868	0.0001
2024-01-07T10:42:54	1	0	2	2	0	0.9989	0.9992	0.0003	0.9998	0.9998	0.0000
2024-01-07T10:43:20	2	0	1	1	0	1.0024	1.0018	-0.0006	-0.9871	-0.987	-0.0001
2024-01-07T10:43:36	1	0	2	2	0	1.0320	1.0319	-0.0001	0.9939	0.9939	0.0000
2024-01-07T10:44:19	2	0	13	13	0	1.0462	1.0462	0.0000	-0.9756	-0.9761	0.0005
2024-01-07T10:44:50	1	0	2	2	0	1.0322	1.0318	-0.0004	-0.9992	-0.9992	0.0000
2024-01-07T10:45:06	2	0	3	3	0	1.0376	1.0364	-0.0012	0.9998	0.9998	0.0000
2024-01-07T10:45:32	1	0	3	3	0	1.0464	1.0461	-0.0003	-0.9991	-0.9991	0.0000
2024-01-07T10:48:50	1	0	1	0	1	1.0110	null	null	-0.9887	-0.9887	0.0000
2024-01-07T10:49:56	2	0	1	0	1	1.0327	null	null	0.9979	0.9984	-0.0005
2024-01-07T10:49:59	1	0	32	32	0	1.0526	1.0526	0.0000	0.9949	0.9947	0.0002
2024-01-07T10:50:04	2	0	1	1	0	0.9436	0.9446	0.0010	-0.9975	-0.9972	-0.0003
2024-01-07T10:50:20	3	0	11	11	0	1.0430	1.0430	0.0000	0.9913	0.9914	-0.0001
2024-01-07T10:50:25	4	0	8	6	2	1.0365	1.0325	-0.0041	0.9998	0.9997	0.0001
2024-01-07T10:51:10	2	0	7	7	0	1.0362	1.0361	-0.0001	-0.9999	-0.9999	0.0000
2024-01-07T10:57:47	1	0	57	52	5	0.9418	0.9418	0.0000	-0.9959	-0.9959	0.0000
2024-01-07T10:57:47	1	0	16	16	0	1.0502	1.0502	0.0000	0.9997	0.9997	0.0000
2024-01-07T10:58:00	2	0	3	3	0	1.0559	1.0557	-0.0002	-0.9998	-0.9999	0.0001
2024-01-07T11:00:25	2	0	3	3	0	1.0452	1.0447	-0.0005	-0.9946	-0.9947	0.0001
2024-01-07T11:00:44	1	0	22	21	1	0.9897	0.9918	0.0021	0.9895	0.9893	0.0002
2024-01-07T11:02:25	1	0	1	0	1	1.0551	null	null	0.9804	0.9803	0.0001
2024-01-07T11:04:03	7	0	1	0	1	1.0386	null	null	-0.9748	-0.9757	0.0009
2024-01-07T11:04:42	1	0	1	1	0	0.9433	0.9445	0.0012	0.9776	0.9774	0.0002
2024-01-07T11:05:26	1	0	7	7	0	1.0353	1.0353	-0.0001	0.9998	0.9998	0.0000
2024-01-07T11:05:53	3	0	6	6	0	1.0526	1.0522	-0.0004	-0.9955	-0.9959	0.0004
2024-01-07T11:06:37	2	0	3	3	0	1.0513	1.0510	-0.0003	-0.995	-0.9951	0.0001
2024-01-07T11:12:36	1	0	3	1	2	1.0573	1.0558	-0.0015	0.9994	0.9994	0.0000
2024-01-07T11:12:48	1	0	5	5	0	0.9439	0.9442	0.0003	-0.9958	-0.9957	-0.0001
2024-01-07T11:12:48	1	0	17	17	0	1.0508	1.0508	0.0000	0.9998	0.9999	-0.0001
2024-01-07T11:13:02	2	0	39	38	1	1.0515	1.0514	-0.0001	-0.9998	-0.9998	0.0000
2024-01-07T11:15:08	2	0	3	3	0	1.0340	1.0334	-0.0006	0.9998	0.9998	0.0000
2024-01-07T11:15:45	1	0	125	123	2	1.0376	1.0263	-0.0112	0.9902	0.9906	-0.0004
2024-01-07T11:16:24	1	0	10	10	0	1.0441	1.0437	-0.0004	0.9971	0.9969	0.0002
2024-01-07T11:18:56	1	0	2	2	0	1.0346	1.0344	-0.0002	-0.9854	-0.9854	0.0000
2024-01-07T11:22:57	5	0	3	2	1	1.0588	1.0578	-0.0010	-0.985	-0.985	0.0000
2024-01-07T11:26:19	2	0	30	29	1	1.0494	1.0492	-0.0002	-0.9299	-0.9298	-0.0001
2024-01-07T11:26:43	1	0	1	1	0	1.0572	1.0562	-0.0010	-0.9961	-0.9969	0.0008
2024-01-07T11:29:22	1	0	16	16	0	1.0496	1.0495	0.0000	-0.9747	-0.9747	0.0000
2024-01-07T11:29:53	3	0	2	1	1	1.0479	1.0405	-0.0074	-0.9985	-0.9985	0.0000
2024-01-07T11:30:27	2	0	1	1	0	1.0379	1.0379	0.0000	-0.9982	-0.9982	0.0000
2024-01-07T11:32:21	1	0	25	25	0	0.9546	0.9546	0.0000	0.9862	0.9862	0.0000
2024-01-07T11:35:02	1	0	27	27	0	1.0539	1.0539	0.0000	0.9955	0.9955	0.0000
2024-01-07T11:35:02	1	0	1	1	0	1.0343	1.0336	-0.0007	0.9977	0.9983	-0.0006
2024-01-07T11:35:23	2	0	32	32	0	0.9353	0.9353	0.0000	0.9916	0.9843	0.0073
2024-01-07T11:35:28	15	0	8	9	-1	1.0470	1.0394	-0.0076	0.9999	0.9999	0.0000
2024-01-07T11:37:43	1	0	1	0	1	1.0555	null	null	-0.9971	-0.9971	0.0000
2024-01-07T11:40:34	1	0	2	2	0	1.0357	1.0357	0.0000	0.999	0.999	0.0000
2024-01-07T11:41:20	3	0	28	27	1	1.0520	1.0517	-0.0003	-0.9305	-0.9307	0.0002
2024-01-07T11:43:03	1	0	2	2	0	1.0731	1.0731	0.0000	0.9999	0.9999	0.0000
2024-01-07T11:43:44	3	0	1	0	1	1.0049	null	null	0.9973	0.9973	0.0000

2024-01-07T11:44:54	3	0	2	2	0	1.0496	1.0493	-0.0003	-0.9981	-0.9982	0.0001
2024-01-07T11:45:36	1	0	8	9	-1	1.0468	1.0466	-0.0002	-0.9988	-0.9988	0.0000
2024-01-07T11:46:52	3	0	3	3	0	1.0455	1.0455	0.0000	-1	-1	0.0000
2024-01-07T11:47:22	1	0	29	29	0	0.9466	0.9466	0.0000	0.9854	0.9854	0.0000
2024-01-07T11:47:49	1	0	27	27	0	0.9508	0.9508	0.0000	0.986	0.9862	-0.0002
2024-01-07T11:49:00	1	0	1	1	0	1.0402	1.0402	0.0000	-0.9873	-0.9872	-0.0001
2024-01-07T11:49:21	2	0	22	21	1	1.0572	1.0568	-0.0004	-0.995	-0.995	0.0000
2024-01-07T11:49:45	1	0	14	11	3	0.9433	0.9429	-0.0004	0.9777	0.9774	0.0003
2024-01-07T11:50:03	1	0	1	1	0	1.0347	1.0344	-0.0003	0.9975	0.9975	0.0000
2024-01-07T11:50:08	3	0	8	10	-2	0.9424	0.9424	0.0001	-0.9978	-0.9979	0.0001
2024-01-07T11:52:00	2	0	2	2	0	0.9070	0.9071	0.0001	-0.996	-0.996	0.0000
2024-01-07T11:58:19	1	0	36	35	1	1.0524	1.0523	-0.0001	1	-1	0.0000
2024-01-07T12:01:53	3	0	3	3	0	1.0458	1.0458	0.0000	-1	-1	0.0000
2024-01-07T12:02:23	1	0	39	39	0	0.9417	0.9417	0.0000	0.9857	0.9857	0.0000
2024-01-07T12:04:46	1	0	17	17	0	0.9431	0.9432	0.0001	0.9768	0.9765	0.0003
2024-01-07T12:20:10	2	0	3	4	-1	0.9426	0.9429	0.0003	-0.9965	-0.9965	0.0000
2024-01-07T12:20:26	1	0	5	5	0	1.0475	1.0475	0.0000	0.9895	0.9896	-0.0001
2024-01-07T12:26:47	1	0	1	2	-1	1.0458	1.0507	0.0049	-0.997	-0.9969	-0.0001
2024-01-07T12:37:47	1	0	1	1	0	1.0562	1.0562	0.0000	0.9882	0.9882	0.0000
2024-01-07T12:50:39	1	0	1	0	1	1.0551	null	null	0.998	0.9979	0.0001
2024-01-07T12:55:48	3	0	53	52	1	0.9330	0.9334	0.0004	-0.9966	-0.9958	-0.0008
2024-01-07T12:58:04	1	0	3	3	0	1.0491	1.0488	-0.0003	0.9964	0.9964	0.0000
2024-01-07T12:58:23	1	0	28	26	2	1.0496	1.0499	0.0003	0.9926	0.9924	0.0002
2024-01-07T13:00:33	7	0	1	2	-1	1.0411	1.0457	0.0045	-0.9975	-0.9973	-0.0002
2024-01-07T13:01:27	1	0	2	2	0	1.0047	1.0045	-0.0002	-0.9747	-0.9742	-0.0005
2024-01-07T13:04:26	1	0	7	8	-1	1.0539	1.0543	0.0003	-0.9983	-0.9983	0.0000
2024-01-07T13:25:50	2	0	2	2	0	0.9730	0.9726	-0.0004	-0.9993	-0.9994	0.0001
2024-01-07T13:56:53	1	0	1	1	0	1.0573	1.0571	-0.0002	-0.997	-0.997	0.0000
2024-01-07T13:58:53	2	0	3	3	0	1.0176	1.0173	-0.0003	0.9972	0.9978	-0.0006
2024-01-07T14:03:30	1	0	1	2	-1	0.9424	0.9437	0.0013	0.9938	0.9937	0.0001
2024-01-07T14:03:52	3	0	1	0	1	0.9447	null	null	0.9983	0.9983	0.0000
2024-01-07T14:04:58	3	0	3	4	-1	1.0463	1.0463	0.0000	0.9998	0.9998	0.0000
2024-01-07T14:05:06	1	0	9	9	0	1.0484	1.0483	0.0000	0.9954	0.9953	0.0001
2024-01-07T14:05:33	1	0	10	10	0	1.0453	1.0453	0.0000	0.9917	0.9917	0.0000
2024-01-07T14:10:02	1	0	2	2	0	1.0173	1.0171	-0.0002	0.9838	0.9838	0.0000
2024-01-07T14:15:59	6	0	2	2	0	1.0253	1.0248	-0.0005	0.9836	0.9832	0.0004
2024-01-07T14:16:19	1	0	5	6	-1	1.0545	1.0547	0.0001	0.9906	0.9907	-0.0001
2024-01-07T14:18:03	1	0	2	2	0	1.0333	1.0333	0.0000	-0.999	-0.999	0.0000
2024-01-07T14:18:16	1	0	9	9	0	1.0429	1.0428	-0.0001	0.999	0.999	0.0000
2024-01-07T14:19:05	1	0	1	1	0	1.0168	1.0163	-0.0005	-0.9868	-0.9868	0.0000
2024-01-07T14:19:55	1	0	56	56	0	0.9304	0.9304	0.0000	0.9788	0.9785	0.0003
2024-01-07T14:19:59	3	0	4	4	0	1.0471	1.0469	-0.0002	0.9994	0.9994	0.0000
2024-01-07T14:20:07	1	0	8	8	0	1.0484	1.0484	0.0000	0.9956	0.9956	0.0000
2024-01-07T14:20:18	2	0	12	11	1	0.9419	0.9423	0.0003	-0.9982	-0.9981	-0.0001
2024-01-07T14:23:21	4	0	1	1	0	1.0333	1.0333	0.0000	-0.9991	-0.9991	0.0000
2024-01-07T14:25:32	2	0	48	47	1	1.0560	1.0559	0.0000	0.9991	0.9991	0.0000
2024-01-07T14:25:54	2	0	73	72	1	0.9346	0.9349	0.0003	-0.9968	-0.9965	-0.0003
2024-01-07T14:28:55	4	0	4	4	0	1.0198	1.0195	-0.0003	0.9973	0.9972	0.0001
2024-01-07T14:30:39	2	0	3	3	0	1.0441	1.0438	-0.0003	-0.9894	-0.9895	0.0001
2024-01-07T14:31:00	4	0	58	52	6	1.0613	1.0564	-0.0049	0.9896	0.9781	0.0115
2024-01-07T14:33:04	1	0	2	2	0	1.0321	1.0320	-0.0001	-0.9991	-0.9991	0.0000
2024-01-07T14:33:11	1	0	7	7	0	1.0500	1.0499	-0.0001	0.9872	0.9872	0.0000
2024-01-07T14:33:46	1	0	2	2	0	1.0017	1.0016	-0.0002	0.9781	0.978	0.0001
2024-01-07T14:33:54	1	0	1	0	1	1.0452	null	null	0.9985	0.9985	0.0000
2024-01-07T14:35:08	1	0	8	8	0	1.0475	1.0475	0.0000	0.9909	0.9909	0.0000
2024-01-07T14:35:14	1	0	1	1	0	1.0330	1.0329	-0.0001	0.9974	0.9979	-0.0005
2024-01-07T14:35:19	2	0	8	8	0	0.9429	0.9431	0.0002	-0.9979	-0.9978	-0.0001
2024-01-07T14:35:40	14	0	9	9	0	1.0406	1.0403	-0.0002	0.9998	0.9998	0.0000
2024-01-07T14:35:43	4	0	1	1	0	1.0316	1.0309	-0.0007	-0.9971	-0.9971	0.0000
2024-01-07T14:40:33	1	0	22	22	0	1.0536	1.0536	0.0000	0.999	0.999	0.0000
2024-01-07T14:40:55	6	0	38	35	3	0.9431	0.9434	0.0003	-0.9961	-0.9957	-0.0004
2024-01-07T14:42:09	1	0	40	39	1	1.0475	1.0479	0.0003	-0.9977	-0.9977	0.0000
2024-01-07T14:43:02	2	0	18	18	0	1.0515	1.0514	0.0000	0.9999	0.9999	0.0000
2024-01-07T14:43:11	1	0	2	2	0	1.0482	1.0482	0.0000	0.9979	0.9979	0.0000
2024-01-07T14:43:50	2	0	13	12	1	1.0514	1.0510	-0.0004	-0.9631	-0.9632	0.0001
2024-01-07T14:43:56	4	0	4	4	0	1.0157	1.0152	-0.0005	0.9977	0.9976	0.0001
2024-01-07T14:47:32	1	0	71	71	0	0.9292	0.9292	-0.0001	0.9957	0.9957	0.0000
2024-01-07T14:50:01	2	0	4	4	0	1.0464	1.0462	-0.0001	0.9997	0.9997	0.0000
2024-01-07T14:50:32	2	0	2	0	2	0.9442	null	null	0.9923	0.9924	-0.0001
2024-01-07T14:50:44	1	0	1	1	0	1.0350	1.0346	-0.0004	-0.9974	-0.9974	0.0000
2024-01-07T14:52:12	1	0	3	3	0	0.9190	0.9190	0.0001	-0.9941	-0.994	-0.0001
2024-01-07T14:57:10	1	0	40	40	0	1.0474	1.0474	0.0000	-0.9978	-0.9978	0.0000
2024-01-07T15:00:41	2	0	3	3	0	1.0412	1.0412	0.0000	-0.9923	-0.9923	0.0000
2024-01-07T15:03:58	3	0	1	1	0	0.9427	0.9435	0.0008	0.9987	0.9988	-0.0001
2024-01-07T15:05:00	2	0	51	50	1	0.9360	0.9360	0.0000	0.9789	0.9786	0.0003
2024-01-07T15:05:33	1	0	4	3	1	0.9434	0.9436	0.0001	0.9922	0.9923	-0.0001
2024-01-07T15:10:35	1	0	83	82	1	1.0569	1.0569	0.0000	0.9995	0.9995	0.0000
2024-01-07T15:13:17	1	0	5	5	0	1.0451	1.0450	-0.0001	0.9979	0.9979	0.0000
2024-01-07T15:13:58	4	0	7	7	0	1.0129	1.0127	-0.0002	0.9978	0.9977	0.0001
2024-01-07T15:16:03	2	0	3	3	0	1.0104	1.0109	0.0005	0.9624	0.9625	-0.0001
2024-01-07T15:17:21	2	0	4	4	0	1.0208	1.0206	-0.0002	0.9972	0.9971	0.0001
2024-01-07T15:19:09	1	0	1	1	0	1.0167	1.0166	-0.0001	-0.9873	-0.9873	0.0000
2024-01-07T15:31:04	3	0	60	60	0	1.0742	1.0720	-0.0021	0.9712	0.9705	0.0007
2024-01-07T15:33:33	1	0	284	283	1	1.0637	1.0636	0.0000	-0.9493	-0.9492	-0.0001
2024-01-07T15:35:47	2	0	1	1	0	1.0340	1.0332	-0.0008	-0.9969	-0.9969	0.0000

2024-01-07T15:45:15	14	0	5	4	1	0.9822	0.9902	0.0080	0.9935	0.9939	-0.0004
2024-01-07T16:16:07	2	0	70	69	1	0.9478	0.9489	0.0012	0.9892	0.9895	-0.0003
2024-01-07T16:44:05	2	0	3	2	1	0.9439	0.9445	0.0006	0.9984	0.9984	0.0000
2024-01-07T16:48:38	1	0	260	260	0	1.0658	1.0658	0.0000	-0.9402	-0.9401	-0.0001
2024-01-07T17:10:08	2	0	147	145	2	0.9334	0.9338	0.0004	0.9903	0.9903	0.0000
2024-01-07T17:29:07	1	0	1	1	0	1.0177	1.0177	0.0000	0.9983	0.9983	0.0000
2024-01-07T17:33:10	1	0	253	253	0	0.9161	0.9161	0.0000	0.9895	0.9896	-0.0001
2024-01-07T18:36:26	2	0	1	1	0	1.0366	1.0366	0.0000	0.9999	0.9999	0.0000
2024-01-08T08:17:09	1	0	23	21	2	0.9606	0.9608	0.0002	0.9817	0.9823	-0.0006
2024-01-08T09:32:33	2	0	67	67	0	0.9162	0.9162	0.0000	0.9987	0.9982	0.0005
2024-01-08T10:36:37	2	0	16	16	0	0.9423	0.9423	0.0001	0.9882	0.9883	-0.0001
2024-01-08T11:00:35	1	0	2	1	1	1.0359	1.0326	-0.0033	0.9859	0.9859	0.0000
2024-01-08T11:10:10	2	0	3	2	1	1.0521	1.0490	-0.0031	0.9851	0.9839	0.0012
2024-01-08T11:32:40	1	0	14	13	1	0.9587	0.9532	-0.0055	0.9831	0.9833	-0.0002
2024-01-08T12:36:40	1	0	1	1	0	1.0579	1.0576	-0.0003	0.9779	0.9778	0.0001
2024-01-08T13:00:20	2	0	5	5	0	1.0375	1.0374	-0.0001	0.9965	0.9966	-0.0001
2024-01-08T14:06:51	1	0	1	1	0	1.0181	1.0181	0.0000	0.9907	0.9907	0.0000
2024-01-08T14:16:29	1	0	1	1	0	1.0584	1.0582	-0.0002	0.9721	0.9721	0.0000
2024-01-08T14:31:30	1	0	1	1	0	1.0599	1.0597	-0.0002	0.9716	0.9716	0.0000
2024-01-08T14:52:42	1	0	4	4	0	1.0488	1.0485	-0.0003	0.9756	0.9662	0.0094
2024-01-08T16:48:09	1	0	8	8	0	0.9376	0.9379	0.0003	0.9818	0.9823	-0.0005
2024-01-09T07:49:44	2	0	29	29	0	0.9417	0.9418	0.0002	-0.9442	-0.9428	-0.0014
2024-01-09T07:51:17	1	0	65	65	0	0.9263	0.9264	0.0001	0.9867	0.9863	0.0004
2024-01-09T07:57:37	1	0	340	340	0	1.0632	1.0632	0.0000	-0.9998	-0.9998	0.0000
2024-01-09T08:06:18	1	0	126	126	0	0.9164	0.9164	0.0001	0.9818	0.9819	-0.0001
2024-01-09T08:10:02	1	0	38	39	-1	0.9423	0.9425	0.0002	-0.9813	-0.9805	-0.0008
2024-01-09T08:28:50	1	0	28	28	0	1.0537	1.0536	0.0000	0.9971	0.9971	0.0000
2024-01-09T08:29:34	1	0	126	126	0	1.0538	1.0537	0.0000	0.9999	0.9999	0.0000
2024-01-09T08:31:37	1	0	795	795	0	1.0791	1.0790	0.0000	0.9991	0.9991	0.0000
2024-01-09T08:34:44	1	0	96	95	1	1.0594	1.0593	-0.0001	0.9787	0.9786	0.0001
2024-01-09T08:51:13	1	0	3	3	0	0.9405	0.9409	0.0004	-0.9966	-0.9965	-0.0001
2024-01-09T08:54:13	2	0	88	87	1	0.9135	0.9136	0.0001	0.9952	0.9952	0.0000
2024-01-09T09:00:28	2	0	328	327	1	1.0669	1.0668	0.0000	0.9738	0.9737	0.0001
2024-01-09T09:01:39	1	0	795	795	0	1.0805	1.0805	0.0000	0.9994	0.9994	0.0000
2024-01-09T09:02:44	1	0	46	23	23	0.9531	0.9540	0.0010	0.9904	0.9907	-0.0003
2024-01-09T09:06:22	1	0	104	104	0	0.9144	0.9146	0.0001	0.9809	0.9804	0.0005
2024-01-09T09:12:42	2	0	235	234	1	1.0587	1.0587	0.0000	-0.9998	-0.9992	-0.0006
2024-01-09T09:13:53	1	0	14	13	1	1.0495	1.0498	0.0003	0.9968	0.9967	0.0001
2024-01-09T09:17:45	1	0	86	86	0	0.9451	0.9451	0.0000	0.989	0.9893	-0.0003
2024-01-09T09:17:58	1	0	7	7	0	0.9568	0.9567	0.0000	0.9607	0.9606	0.0001
2024-01-09T09:19:47	2	0	52	48	4	1.0549	1.0548	-0.0001	0.9812	0.9811	0.0001
2024-01-09T09:21:13	9	0	5	5	0	0.9744	0.9765	0.0021	0.9897	0.9898	-0.0001
2024-01-09T09:22:14	2	0	4	4	0	1.0082	1.0083	0.0002	0.9943	0.9943	0.0000
2024-01-09T09:23:48	2	0	6	6	0	0.9920	0.9919	-0.0001	0.9827	0.9824	0.0003
2024-01-09T09:24:15	2	0	76	76	0	0.9137	0.9138	0.0001	0.994	0.993	0.0010
2024-01-09T09:27:10	3	0	36	34	2	1.0502	1.0499	-0.0003	0.9996	0.9997	-0.0001
2024-01-09T09:28:28	1	0	4	4	0	1.0484	1.0483	-0.0001	-0.9984	-0.9985	0.0001
2024-01-09T09:30:09	2	0	4	4	0	1.0121	1.0123	0.0002	0.9959	0.996	-0.0001
2024-01-09T09:32:44	1	0	236	236	0	1.0663	1.0662	0.0000	-0.9861	-0.9862	0.0001
2024-01-09T09:34:48	1	0	53	48	5	1.0556	1.0554	-0.0001	0.9777	0.9776	0.0001
2024-01-09T09:34:51	2	0	1	1	0	0.9364	0.9371	0.0007	-0.9536	-0.953	-0.0006
2024-01-09T09:34:54	4	0	15	15	0	1.0507	1.0502	-0.0005	0.9997	0.9997	0.0000
2024-01-09T09:42:05	3	0	202	197	5	0.9354	0.9358	0.0004	0.9955	0.9956	-0.0001
2024-01-09T09:42:11	1	0	63	56	7	1.0550	1.0524	-0.0026	-1	-1	0.0000
2024-01-09T09:44:03	1	0	1	1	0	0.9835	0.9838	0.0003	0.9856	0.9856	0.0000
2024-01-09T09:45:12	7	0	4	4	0	1.0116	1.0118	0.0002	0.9902	0.9906	-0.0004
2024-01-09T09:45:29	2	0	3	3	0	1.0222	1.0220	-0.0002	-0.9999	-0.9999	0.0000
2024-01-09T09:46:30	1	0	2	2	0	0.9884	0.9888	0.0004	0.9914	0.9914	0.0000
2024-01-09T09:47:18	2	0	35	34	1	0.9964	0.9947	-0.0018	0.9632	0.9632	0.0000
2024-01-09T09:47:20	1	0	2	2	0	1.0347	1.0346	-0.0002	0.9994	0.9994	0.0000
2024-01-09T09:49:33	2	0	17	15	2	0.9418	0.9420	0.0002	-0.9931	-0.9927	-0.0004
2024-01-09T09:51:15	3	0	1	1	0	1.0066	1.0059	-0.0007	0.9901	0.99	0.0001
2024-01-09T09:52:16	1	0	1	1	0	0.9698	0.9702	0.0004	0.9852	0.985	0.0002
2024-01-09T09:54:17	2	0	70	69	1	0.9137	0.9115	-0.0022	0.9965	0.9959	0.0006
2024-01-09T09:57:27	1	0	1	0	1	0.9694	null	null	0.9984	0.9984	0.0000
2024-01-09T09:58:56	5	0	15	14	1	1.0516	1.0504	-0.0011	0.9968	0.997	-0.0002
2024-01-09T09:59:04	1	0	2	2	0	1.0103	1.0103	-0.0001	0.9859	0.9858	0.0001
2024-01-09T10:01:42	5	0	7	7	0	1.0422	1.0415	-0.0006	0.9983	0.9982	0.0001
2024-01-09T10:02:19	2	0	40	38	2	1.0171	1.0149	-0.0022	0.9618	0.9618	0.0000
2024-01-09T10:02:40	2	0	1	1	0	0.9721	0.9727	0.0006	0.9927	0.9925	0.0002
2024-01-09T10:04:29	2	0	1	1	0	1.0312	1.0306	-0.0006	0.9973	0.9973	0.0000
2024-01-09T10:04:50	2	0	97	96	1	1.0581	1.0581	0.0000	0.978	0.978	0.0000
2024-01-09T10:04:56	9	0	19	14	5	1.0489	1.0485	-0.0004	0.9997	0.9997	0.0000
2024-01-09T10:07:37	5	0	11	9	2	1.0303	1.0289	-0.0013	0.9996	0.9996	0.0000
2024-01-09T10:07:51	5	0	94	93	1	0.9169	0.9180	0.0011	0.9925	0.9927	-0.0002
2024-01-09T10:08:46	1	0	1	1	0	0.9787	0.9790	0.0003	0.9812	0.9814	-0.0002
2024-01-09T10:08:51	1	0	6	6	0	0.9913	0.9915	0.0002	0.983	0.9833	-0.0003
2024-01-09T10:09:12	4	0	7	5	2	1.0531	1.0502	-0.0029	-0.9966	-0.9967	0.0001
2024-01-09T10:09:18	2	0	67	67	0	0.9228	0.9226	-0.0002	0.9956	0.9955	0.0001
2024-01-09T10:10:10	3	0	88	86	2	0.9371	0.9377	0.0006	-0.9949	-0.9942	-0.0007
2024-01-09T10:11:52	2	0	1	1	0	0.9935	0.9940	0.0005	-0.9937	-0.9937	0.0000
2024-01-09T10:13:32	1	0	2	2	0	1.0476	1.0474	-0.0002	-0.9981	-0.9981	0.0000
2024-01-09T10:13:49	2	0	5	5	0	1.0459	1.0458	-0.0001	-0.9999	-0.9999	0.0000
2024-01-09T10:15:32	2	0	8	8	0	1.0401	1.0399	-0.0001	-0.9998	-0.9998	0.0000
2024-01-09T10:15:51	1	0	2	2	0	1.0244	1.0240	-0.0004	-0.9929	-0.9939	0.0010

2024-01-09T10:16:32	2	0	3	3	0	1.0267	1.0265	-0.0002	0.9909	0.9908	0.0001
2024-01-09T10:16:43	2	0	6	6	0	1.0417	1.0413	-0.0004	0.9976	0.9976	0.0000
2024-01-09T10:16:50	1	0	4	4	0	0.9939	0.9938	-0.0001	0.981	0.981	0.0000
2024-01-09T10:17:49	1	0	1	2	-1	0.9434	0.9444	0.0010	0.9894	0.989	0.0004
2024-01-09T10:18:02	4	0	6	4	2	0.9481	0.9462	-0.0019	0.9604	0.9609	-0.0005
2024-01-09T10:19:35	1	0	36	34	2	0.9407	0.9411	0.0004	-0.9967	-0.9967	0.0000
2024-01-09T10:19:44	1	0	4	4	0	0.9895	0.9893	-0.0001	-0.9995	-0.9995	0.0000
2024-01-09T10:24:19	1	0	88	88	0	0.9292	0.9293	0.0001	0.9953	0.9945	0.0008
2024-01-09T10:26:15	3	0	28	26	2	1.0541	1.0537	-0.0004	-1	-1	0.0000
2024-01-09T10:27:14	1	0	75	76	-1	1.0575	1.0574	-0.0001	0.9999	0.9999	0.0000
2024-01-09T10:28:10	2	0	111	111	0	0.9384	0.9384	0.0000	0.9909	0.9909	0.0000
2024-01-09T10:29:06	1	0	4	4	0	1.0341	1.0340	-0.0001	0.9991	0.9991	0.0000
2024-01-09T10:29:46	2	0	1	0	1	1.0558	null	null	1	1	0.0000
2024-01-09T10:29:55	2	0	15	13	2	0.9423	0.9428	0.0005	0.9895	0.9895	0.0000
2024-01-09T10:31:05	1	0	18	17	1	0.9438	0.9438	0.0001	0.9966	0.9966	0.0000
2024-01-09T10:32:23	1	0	1	1	0	1.0383	1.0379	-0.0004	0.9991	0.9991	0.0000
2024-01-09T10:32:50	1	0	73	69	4	0.9400	0.9412	0.0011	0.99	0.9898	0.0002
2024-01-09T10:33:47	2	0	4	4	0	1.0489	1.0484	-0.0005	0.9998	0.9998	0.0000
2024-01-09T10:34:15	4	0	3	2	1	1.0459	1.0454	-0.0005	0.998	0.9978	0.0002
2024-01-09T10:36:18	14	0	5	5	0	0.9825	0.9851	0.0026	0.9902	0.9906	-0.0004
2024-01-09T10:36:28	2	0	130	128	2	0.9207	0.9208	0.0001	0.9814	0.981	0.0004
2024-01-09T10:39:40	2	0	29	23	6	0.9419	0.9436	0.0017	0.9872	0.9873	-0.0001
2024-01-09T10:39:49	1	0	12	12	0	1.0498	1.0497	-0.0001	0.997	0.997	0.0000
2024-01-09T10:40:12	1	0	26	23	3	0.9422	0.9421	0.0000	-0.9914	-0.9913	-0.0001
2024-01-09T10:42:32	1	0	2	2	0	1.0064	1.0068	0.0004	0.98	0.9802	-0.0002
2024-01-09T10:42:51	1	0	2	2	0	1.0137	1.0134	-0.0003	-0.9989	-0.9984	-0.0005
2024-01-09T10:45:16	1	0	2	2	0	1.0277	1.0270	-0.0008	0.9656	0.966	-0.0004
2024-01-09T10:46:57	2	0	3	2	1	0.9916	1.0074	0.0158	0.9772	0.9772	0.0000
2024-01-09T10:47:22	1	0	23	23	0	1.0186	1.0187	0.0001	0.9618	0.9618	0.0000
2024-01-09T10:48:17	1	0	1	1	0	1.0117	1.0114	-0.0003	0.971	0.9708	0.0002
2024-01-09T10:48:23	1	0	8	8	0	1.0427	1.0427	0.0000	-0.9914	-0.9915	0.0001
2024-01-09T10:49:21	1	0	10	10	0	1.0486	1.0486	0.0000	0.9704	0.9697	0.0007
2024-01-09T10:49:34	1	0	3	3	0	1.0336	1.0333	-0.0002	0.9979	0.9979	0.0000
2024-01-09T10:49:59	5	0	13	9	4	1.0541	1.0526	-0.0015	0.9994	0.9994	0.0000
2024-01-09T10:49:59	3	0	5	5	0	1.0407	1.0398	-0.0009	0.9973	0.9973	0.0000
2024-01-09T10:54:41	2	0	3	3	0	1.0307	1.0301	-0.0006	0.9968	0.9966	0.0002
2024-01-09T10:55:47	3	0	3	3	0	1.0010	1.0013	0.0003	0.9955	0.9956	-0.0001
2024-01-09T10:59:19	1	0	9	8	1	1.0518	1.0507	-0.0011	0.9849	0.9847	0.0002
2024-01-09T11:01:47	1	0	794	794	0	1.0799	1.0798	-0.0001	0.9991	0.9991	0.0000
2024-01-09T11:03:05	1	0	8	8	0	0.9589	0.9589	-0.0001	0.9541	0.954	0.0001
2024-01-09T11:03:14	1	0	3	3	0	1.0499	1.0497	-0.0002	0.9957	0.9956	0.0001
2024-01-09T11:03:29	1	0	2	2	0	1.0322	1.0321	-0.0002	-1	-1	0.0000
2024-01-09T11:06:10	2	0	2	2	0	1.0518	1.0517	-0.0001	-0.9992	-0.9992	0.0000
2024-01-09T11:11:22	1	0	6	5	1	1.0496	1.0473	-0.0023	0.9851	0.9849	0.0002
2024-01-09T11:11:56	2	0	1	1	0	0.9954	0.9961	0.0007	-0.994	-0.994	0.0000
2024-01-09T11:12:09	1	0	3	1	2	1.0574	1.0560	-0.0014	-0.9891	-0.9892	0.0001
2024-01-09T11:12:17	1	0	28	28	0	1.0493	1.0493	0.0000	0.9931	0.9937	-0.0006
2024-01-09T11:12:50	1	0	27	27	0	1.0531	1.0530	0.0000	0.999	0.9989	0.0001
2024-01-09T11:15:06	1	0	4	4	0	1.0474	1.0473	-0.0001	0.9955	0.9955	0.0000
2024-01-09T11:15:18	1	0	3	3	0	0.9972	0.9973	0.0001	0.9918	0.9505	0.0413
2024-01-09T11:16:47	2	0	9	9	0	1.0462	1.0460	-0.0002	0.9977	0.9976	0.0001
2024-01-09T11:16:59	1	0	6	6	0	0.9668	0.9671	0.0003	0.9755	0.9756	-0.0001
2024-01-09T11:20:01	1	0	11	11	0	1.0510	1.0510	0.0000	0.9994	0.9991	0.0003
2024-01-09T11:25:15	1	0	3	2	1	0.9663	0.9440	-0.0222	-0.9925	-0.9926	0.0001
2024-01-09T11:27:18	4	0	27	26	1	1.0527	1.0517	-0.0010	0.9943	0.9945	-0.0002
2024-01-09T11:28:37	1	0	3	3	0	1.0555	1.0555	0.0000	-0.9982	-0.9982	0.0000
2024-01-09T11:28:54	1	0	3	3	0	1.0521	1.0521	0.0000	-0.9999	-0.9999	0.0000
2024-01-09T11:30:06	5	0	4	3	1	1.0410	1.0389	-0.0021	1	1	0.0000
2024-01-09T11:30:19	6	0	57	50	7	0.9492	0.9439	-0.0054	0.9927	0.9685	0.0242
2024-01-09T11:31:09	1	0	3	3	0	0.9483	0.9483	0.0000	0.9984	0.9984	0.0000
2024-01-09T11:32:25	3	0	82	78	4	0.9982	0.9983	0.0001	0.9563	0.9566	-0.0003
2024-01-09T11:33:31	1	0	1	1	0	1.0382	1.0382	0.0000	-1	-1	0.0000
2024-01-09T11:33:58	1	0	8	7	1	1.0280	1.0310	0.0030	0.9907	0.9861	0.0046
2024-01-09T11:34:34	1	0	1	1	0	1.0268	1.0268	0.0000	0.9971	0.9971	0.0000
2024-01-09T11:34:56	4	0	30	29	1	1.0539	1.0536	-0.0002	0.9752	0.9748	0.0004
2024-01-09T11:39:51	3	0	39	38	1	1.0526	1.0526	0.0000	0.9919	0.9919	0.0000
2024-01-09T11:40:16	1	0	21	21	0	0.9425	0.9426	0.0001	-0.9939	-0.9939	0.0000
2024-01-09T11:42:36	1	0	2	2	0	1.0708	1.0707	0.0000	0.9944	0.9944	0.0000
2024-01-09T11:42:47	1	0	41	40	1	1.0530	1.0530	-0.0001	-0.999	-0.999	0.0000
2024-01-09T11:42:55	2	0	1	1	0	0.9973	0.9972	-0.0001	-0.9973	-0.9972	-0.0001
2024-01-09T11:43:07	3	0	5	5	0	0.9385	0.9396	0.0011	0.9376	0.9379	-0.0003
2024-01-09T11:43:38	1	0	2	2	0	1.0511	1.0511	0.0000	-0.9986	-0.9986	0.0000
2024-01-09T11:48:08	3	0	4	5	-1	1.0015	0.9896	-0.0118	0.9556	0.9553	0.0003
2024-01-09T11:49:50	2	0	7	8	-1	0.9628	0.9604	-0.0024	-0.9999	-0.9999	0.0000
2024-01-09T11:51:23	21	0	4	7	-3	0.9691	0.9683	-0.0008	0.9889	0.9886	0.0003
2024-01-09T11:52:48	1	0	84	83	1	1.0535	1.0535	0.0000	-0.9915	-0.9915	0.0000
2024-01-09T11:53:33	4	0	1	0	1	1.0556	null	null	-0.9987	-0.9988	0.0001
2024-01-09T11:55:17	3	0	8	8	0	0.9512	0.9513	0.0000	-0.9929	-0.9929	0.0000
2024-01-09T11:56:17	1	0	1	0	1	1.0553	null	null	0.9925	0.9925	0.0000
2024-01-09T11:57:37	1	0	2	2	0	1.0739	1.0739	-0.0001	0.9895	0.9895	0.0000
2024-01-09T11:59:49	3	0	3	3	0	1.0232	1.0227	-0.0005	0.9957	0.9956	0.0001
2024-01-09T12:03:53	2	0	21	20	1	1.0510	1.0501	-0.0010	-0.9997	-0.9997	0.0000
2024-01-09T12:04:00	1	0	1	1	0	1.0334	1.0334	0.0000	0.964	0.964	0.0000
2024-01-09T12:06:14	2	0	1	1	0	1.0602	1.0602	0.0000	-1	-1	0.0000
2024-01-09T12:10:18	2	0	5	5	0	0.9891	0.9889	-0.0002	-0.9918	-0.992	0.0002

2024-01-09T12:10:19	2	0	1	1	0	1.0040	1.0032	-0.0008	-1	-1	0.0000
2024-01-09T12:12:38	1	0	1	1	0	1.1001	1.1001	0.0000	0.9964	0.9964	0.0000
2024-01-09T12:13:09	3	0	1	1	0	1.0576	1.0576	0.0000	0.994	0.994	0.0000
2024-01-09T12:15:22	5	0	58	58	0	1.0604	1.0587	-0.0017	0.9528	0.9925	-0.0397
2024-01-09T12:18:10	1	0	3	3	0	1.0540	1.0540	0.0000	0.9739	0.9739	0.0000
2024-01-09T12:30:23	4	0	14	12	2	1.0468	1.0453	-0.0015	0.95	0.991	-0.0410
2024-01-09T12:57:24	1	0	8	8	0	1.0506	1.0505	-0.0001	0.9908	0.9912	-0.0004
2024-01-09T12:58:12	4	0	2	2	0	1.0521	1.0521	0.0000	0.993	0.993	0.0000
2024-01-09T12:59:53	3	0	3	3	0	0.9247	0.9247	0.0000	0.9892	0.9892	0.0000
2024-01-09T13:00:25	3	0	1	1	0	1.0246	1.0214	-0.0032	0.9051	0.9632	-0.0581
2024-01-09T13:00:52	1	0	10	10	0	1.0468	1.0467	-0.0001	-0.9999	-0.9999	0.0000
2024-01-09T13:02:03	2	0	30	29	1	1.0505	1.0504	-0.0002	0.9803	0.9803	0.0000
2024-01-09T13:05:02	1	0	31	32	-1	1.0537	1.0538	0.0000	0.9701	0.9703	-0.0002
2024-01-09T13:07:22	1	0	1	1	0	1.0579	1.0579	0.0000	0.9986	0.9986	0.0000
2024-01-09T13:16:41	1	0	7	1	6	1.0503	1.0454	-0.0049	0.9969	0.9922	0.0047
2024-01-09T13:17:04	3	0	31	29	2	1.0523	1.0520	-0.0003	0.9788	0.9787	0.0001
2024-01-09T13:22:36	1	0	13	11	2	1.0365	1.0371	0.0006	0.9416	0.9412	0.0004
2024-01-09T13:22:38	4	0	10	9	1	1.0531	1.0525	-0.0007	-0.9922	-0.9923	0.0001
2024-01-09T13:28:15	1	0	12	11	1	1.0451	1.0450	-0.0001	0.9979	0.9979	0.0000
2024-01-09T13:34:42	1	0	1	1	0	1.0263	1.0263	0.0000	0.9973	0.9973	0.0000
2024-01-09T13:42:55	1	0	24	25	-1	1.0459	1.0459	0.0000	1	1	0.0000
2024-01-09T13:43:46	2	0	4	4	0	1.0474	1.0473	-0.0001	-0.9992	-0.9993	0.0001
2024-01-09T13:47:01	2	0	32	30	2	1.0490	1.0485	-0.0005	0.9826	0.9826	0.0000
2024-01-09T13:47:06	4	0	38	36	2	1.0523	1.0521	-0.0002	0.9786	0.9786	0.0000
2024-01-09T13:57:15	2	0	11	10	1	1.0470	1.0462	-0.0008	-0.9999	-0.9999	0.0000
2024-01-09T13:57:25	1	0	21	20	1	1.0487	1.0483	-0.0004	0.9994	0.9994	0.0000
2024-01-09T14:01:38	1	0	45	44	1	1.0500	1.0499	-0.0002	-0.9908	-0.9907	-0.0001
2024-01-09T14:02:07	2	0	64	61	3	1.0538	1.0537	-0.0001	0.98	0.98	0.0000
2024-01-09T14:03:17	1	0	2	2	0	1.0599	1.0597	-0.0002	0.968	0.9679	0.0001
2024-01-09T14:04:01	2	0	4	4	0	1.0502	1.0502	-0.0001	-0.9999	-0.9999	0.0000
2024-01-09T14:04:24	7	0	195	192	3	1.0463	1.0463	0.0000	0.9987	0.9992	-0.0005
2024-01-09T14:04:47	1	0	3	4	-1	1.0464	1.0435	-0.0029	0.9984	0.9984	0.0000
2024-01-09T14:05:09	1	0	3	3	0	0.9439	0.9439	0.0000	-0.9729	-0.973	0.0001
2024-01-09T14:05:28	5	0	24	23	1	1.0474	1.0470	-0.0004	0.9991	0.9991	0.0000
2024-01-09T14:12:57	1	0	42	41	1	1.0539	1.0538	-0.0001	-0.9999	-0.9999	0.0000
2024-01-09T14:13:42	1	0	1	1	0	1.0402	1.0390	-0.0012	1	1	0.0000
2024-01-09T14:13:48	1	0	5	5	0	1.0510	1.0510	0.0000	-0.9982	-0.9982	0.0000
2024-01-09T14:14:16	1	0	27	26	1	1.0452	1.0448	-0.0004	-0.9999	-0.9999	0.0000
2024-01-09T14:15:50	4	0	62	63	-1	1.0592	1.0591	-0.0001	0.9718	0.9714	0.0004
2024-01-09T14:16:08	2	0	1	1	0	0.9793	0.9804	0.0011	-0.9947	-0.9946	-0.0001
2024-01-09T14:16:24	2	0	1	1	0	1.0357	1.0350	-0.0007	0.9883	0.9877	0.0006
2024-01-09T14:17:06	2	0	5	5	0	1.0049	1.0046	-0.0003	0.9829	0.9828	0.0001
2024-01-09T14:17:08	4	0	60	60	0	1.0531	1.0530	0.0000	0.9811	0.9811	0.0000
2024-01-09T14:18:18	1	0	2	2	0	1.0576	1.0576	0.0000	0.9711	0.971	0.0001
2024-01-09T14:18:27	4	0	1	1	0	0.9427	0.9437	0.0010	0.996	0.996	0.0000
2024-01-09T14:20:29	7	0	27	27	0	1.0483	1.0480	-0.0003	0.9995	0.9995	0.0000
2024-01-09T14:24:35	8	0	71	69	2	0.9387	0.9315	-0.0072	0.995	0.995	0.0000
2024-01-09T14:26:02	2	0	2	2	0	1.0317	1.0317	0.0000	0.995	0.995	0.0000
2024-01-09T14:26:27	4	0	1	0	1	0.9441	null	null	0.9938	0.9871	0.0067
2024-01-09T14:27:17	1	0	23	22	1	1.0480	1.0476	-0.0004	-0.9991	-0.9991	0.0000
2024-01-09T14:27:22	1	0	1	1	0	1.0575	1.0575	0.0000	-0.9868	-0.9868	0.0000
2024-01-09T14:27:27	2	0	27	26	1	1.0496	1.0494	-0.0002	0.9997	0.9997	0.0000
2024-01-09T14:27:47	3	0	2	2	0	1.0673	1.0664	-0.0009	-0.9879	-0.99	0.0021
2024-01-09T14:27:52	1	0	14	14	0	1.0502	1.0502	0.0000	0.9987	0.9987	0.0000
2024-01-09T14:27:58	4	0	72	70	2	1.0553	1.0552	-0.0001	-0.9994	-0.9994	0.0000
2024-01-09T14:28:06	1	0	1	1	0	0.9970	0.9969	-0.0001	1	1	0.0000
2024-01-09T14:28:43	1	0	1	1	0	1.0328	1.0324	-0.0004	-1	-1	0.0000
2024-01-09T14:28:49	1	0	5	5	0	1.0498	1.0497	0.0000	-0.9988	-0.9988	0.0000
2024-01-09T14:29:41	6	0	37	36	1	1.0482	1.0481	-0.0001	0.9939	0.9938	0.0001
2024-01-09T14:30:51	3	0	44	44	0	1.0575	1.0574	-0.0001	0.9716	0.9713	0.0003
2024-01-09T14:31:07	7	0	23	21	2	1.0463	1.0463	0.0000	0.9977	0.9977	0.0000
2024-01-09T14:31:09	1	0	1	0	1	1.0268	null	null	0.9728	0.9722	0.0006
2024-01-09T14:32:41	1	0	3	3	0	1.0348	1.0346	-0.0002	0.9971	0.997	0.0001
2024-01-09T14:33:19	2	0	3	2	1	1.0476	1.0469	-0.0006	-0.9912	-0.9918	0.0006
2024-01-09T14:34:49	1	0	3	3	0	1.0491	1.0490	-0.0001	0.9982	0.9981	0.0001
2024-01-09T14:35:08	2	0	174	168	6	1.0608	1.0607	-0.0001	0.9773	0.9772	0.0001
2024-01-09T14:35:15	2	0	29	27	2	1.0504	1.0503	-0.0001	1	0.9999	0.0001
2024-01-09T14:35:21	1	0	134	95	39	1.0583	1.0576	-0.0007	0.9964	0.9953	0.0011
2024-01-09T14:35:32	4	0	11	10	1	0.9733	0.9762	0.0029	-0.9959	-0.9959	0.0000
2024-01-09T14:37:28	1	0	1	0	1	1.0553	null	null	0.9996	0.9995	0.0001
2024-01-09T14:39:36	2	0	67	67	0	0.9291	0.9291	0.0000	0.9963	0.9963	0.0000
2024-01-09T14:42:18	2	0	28	27	1	1.0482	1.0479	-0.0003	-0.9997	-0.9991	-0.0006
2024-01-09T14:42:31	2	0	35	35	0	1.0518	1.0517	0.0000	0.9921	0.99	0.0021
2024-01-09T14:42:59	1	0	46	46	0	1.0542	1.0542	0.0000	-0.9998	-0.9998	0.0000
2024-01-09T14:43:07	1	0	1	1	0	1.0078	1.0077	-0.0001	-0.9997	-0.9997	0.0000
2024-01-09T14:43:50	1	0	5	5	0	1.0511	1.0511	0.0000	-0.998	-0.998	0.0000
2024-01-09T14:44:42	8	0	48	48	0	1.0464	1.0463	-0.0001	0.9951	0.9949	0.0002
2024-01-09T14:45:33	1	0	67	67	0	1.0715	1.0714	-0.0001	0.9973	0.9971	0.0002
2024-01-09T14:45:50	6	0	8	8	0	1.0336	1.0326	-0.0010	0.9989	0.9991	-0.0002
2024-01-09T14:45:52	1	0	57	57	0	1.0584	1.0584	0.0000	0.971	0.9709	0.0001
2024-01-09T14:46:10	1	0	1	1	0	0.9847	0.9848	0.0001	-0.9937	-0.9937	0.0000
2024-01-09T14:46:41	1	0	46	45	1	1.0505	1.0504	-0.0001	-0.9902	-0.9902	0.0000
2024-01-09T14:47:10	3	0	97	97	0	1.0544	1.0544	0.0000	0.9806	0.9806	0.0000
2024-01-09T14:48:20	1	0	2	2	0	1.0011	1.0013	0.0002	0.9658	0.9658	0.0000
2024-01-09T14:48:20	1	0	11	9	2	1.0461	1.0458	-0.0003	-0.9841	-0.9847	0.0006

2024-01-09T14:48:29	3	0	4	4	0	1.0240	1.0241	0.0000	0.996	0.996	0.0000
2024-01-09T14:50:16	2	0	37	36	1	1.0523	1.0523	0.0000	-1	-1	0.0000
2024-01-09T14:51:35	2	0	1	1	0	1.0133	1.0130	-0.0003	0.9905	0.9905	0.0000
2024-01-09T14:52:00	2	0	18	16	2	1.0472	1.0474	0.0002	-0.9952	-0.9952	0.0000
2024-01-09T14:56:01	2	0	4	4	0	1.0249	1.0249	0.0000	0.9988	0.9988	0.0000
2024-01-09T14:56:04	1	0	5	5	0	1.0273	1.0272	-0.0001	0.9961	0.9961	0.0000
2024-01-09T14:57:24	1	0	2	1	1	1.0561	1.0559	-0.0003	-0.9795	-0.9795	0.0000
2024-01-09T14:57:29	5	0	62	58	4	1.0501	1.0496	-0.0005	0.9999	0.9999	0.0000
2024-01-09T14:57:54	1	0	7	7	0	1.0457	1.0457	0.0000	0.9925	0.9925	0.0000
2024-01-09T14:58:26	3	0	23	21	2	1.0519	1.0515	-0.0003	-1	-1	0.0000
2024-01-09T14:59:12	2	0	90	81	9	1.0592	1.0591	-0.0002	0.9978	0.9977	0.0001
2024-01-09T15:00:01	5	0	3	3	0	0.9595	0.9584	-0.0012	0.99	0.9897	0.0003
2024-01-09T15:00:31	1	0	5	5	0	1.0203	1.0203	0.0000	0.9968	0.9982	-0.0014
2024-01-09T15:00:53	1	0	73	73	0	1.0609	1.0609	0.0000	0.9711	0.9711	0.0000
2024-01-09T15:01:11	1	0	1	1	0	1.0338	1.0335	-0.0003	0.9778	0.9772	0.0006
2024-01-09T15:01:27	1	0	1	1	0	1.0364	1.0363	-0.0001	0.9874	0.9873	0.0001
2024-01-09T15:02:11	3	0	95	91	4	1.0546	1.0545	-0.0001	0.9806	0.9805	0.0001
2024-01-09T15:03:21	1	0	16	15	1	1.0468	1.0464	-0.0003	-0.9828	-0.9835	0.0007
2024-01-09T15:05:13	1	0	14	13	1	0.9429	0.9429	0.0000	0.9913	0.9917	-0.0004
2024-01-09T15:06:26	2	0	3	3	0	1.0424	1.0422	-0.0002	-1	-1	0.0000
2024-01-09T15:11:05	2	0	3	3	0	1.0285	1.0281	-0.0004	0.991	0.9909	0.0001
2024-01-09T15:12:50	1	0	2	2	0	1.0563	1.0561	-0.0003	-0.982	-0.9832	0.0012
2024-01-09T15:15:02	4	0	4	4	0	0.9730	0.9727	-0.0003	0.9913	0.9911	0.0002
2024-01-09T15:16:28	1	0	1	1	0	1.0372	1.0371	-0.0001	0.9873	0.9873	0.0000
2024-01-09T15:16:43	1	0	53	51	2	1.0518	1.0517	-0.0002	-0.9896	-0.9896	0.0000
2024-01-09T15:17:42	1	0	19	18	1	1.0551	1.0551	-0.0001	0.9703	0.9702	0.0001
2024-01-09T15:19:06	2	0	32	32	0	1.0528	1.0528	0.0000	-0.9983	-0.9983	0.0000
2024-01-09T15:19:52	1	0	4	4	0	1.0383	1.0383	-0.0001	0.9978	0.9978	0.0000
2024-01-09T15:20:18	1	0	63	61	2	1.0520	1.0520	0.0000	-0.9999	-0.9999	0.0000
2024-01-09T15:24:24	6	0	123	97	26	0.9660	1.0163	0.0504	0.9975	0.9978	-0.0003
2024-01-09T15:30:33	1	0	5	5	0	1.0163	1.0163	0.0000	0.9961	0.9961	0.0000
2024-01-09T15:39:25	8	0	107	85	22	1.0271	1.0370	0.0099	0.9985	0.9985	0.0000
2024-01-09T15:42:23	16	0	4	4	0	0.9676	0.9707	0.0032	0.9908	0.9911	-0.0003
2024-01-09T15:43:54	1	0	8	8	0	1.0423	1.0422	-0.0001	-0.9988	-0.9988	0.0000
2024-01-09T15:47:07	1	0	813	813	0	1.0797	1.0797	0.0000	0.9993	0.9993	0.0000
2024-01-09T15:49:46	1	0	7	7	0	1.0331	1.0329	-0.0002	1	1	0.0000
2024-01-09T15:54:26	4	0	98	77	21	1.0354	1.0357	0.0003	0.9981	0.9977	0.0004
2024-01-09T15:57:24	1	0	5	5	0	0.9784	0.9784	0.0000	0.9907	0.9907	0.0000
2024-01-09T15:57:36	1	0	88	88	0	1.0558	1.0558	0.0000	0.9981	0.9982	-0.0001
2024-01-09T16:00:38	1	0	37	33	4	1.0537	1.0533	-0.0004	0.9566	0.957	-0.0004
2024-01-09T16:05:11	2	0	5	3	2	0.9432	0.9440	0.0008	0.9843	0.9846	-0.0003
2024-01-09T16:13:31	2	0	3	3	0	1.0549	1.0549	0.0000	-0.9958	-0.9958	0.0000
2024-01-09T16:14:42	5	0	14	13	1	1.0510	1.0507	-0.0003	0.9975	0.9975	0.0000
2024-01-09T16:17:14	1	0	2	2	0	1.0238	1.0237	-0.0001	0.9789	0.9789	0.0000
2024-01-09T16:30:37	1	0	108	108	0	0.9371	0.9371	0.0000	0.9831	0.9827	0.0004
2024-01-09T16:34:11	2	0	47	46	1	1.0539	1.0538	-0.0001	-0.9947	-0.9947	0.0000
2024-01-09T16:37:25	4	0	2	2	0	1.0484	1.0484	0.0000	0.9995	0.9995	0.0000
2024-01-09T16:42:39	1	0	224	224	0	1.0589	1.0589	0.0000	0.9994	0.9994	0.0000
2024-01-09T17:25:30	1	0	85	84	1	0.9415	0.9416	0.0001	0.9979	0.998	-0.0001
2024-01-09T17:50:18	1	0	14	14	0	0.9435	0.9435	0.0000	0.9782	0.978	0.0002
2024-01-09T18:05:37	1	0	33	33	0	1.0552	1.0552	0.0000	0.9974	0.9974	0.0000
2024-01-09T18:06:58	1	0	153	153	0	0.9032	0.9032	0.0000	0.9876	0.9876	0.0000
2024-01-09T18:21:59	1	0	153	153	0	0.9026	0.9026	0.0001	0.99	0.99	0.0000
2024-01-10T07:51:52	1	0	91	90	1	0.9300	0.9301	0.0001	0.989	0.9888	0.0002
2024-01-10T07:55:36	2	0	22	22	0	0.9469	0.9469	-0.0001	-0.9963	-0.9961	-0.0002
2024-01-10T08:06:42	1	0	16	16	0	0.9601	0.9602	0.0001	0.9885	0.9887	-0.0002
2024-01-10T08:10:37	1	0	47	47	0	0.9413	0.9414	0.0001	-0.9971	-0.9969	-0.0002
2024-01-10T08:14:20	4	0	86	84	2	1.0546	1.0545	-0.0001	0.9972	0.9952	0.0020
2024-01-10T08:15:06	1	0	156	156	0	1.0544	1.0544	0.0000	0.9985	0.9985	0.0000
2024-01-10T08:15:51	1	0	325	323	2	0.9236	0.9236	0.0000	0.9439	0.9439	0.0000
2024-01-10T08:17:10	2	0	797	797	0	1.0819	1.0819	0.0000	0.9997	0.9997	0.0000
2024-01-10T08:23:04	3	0	208	207	1	1.0602	1.0601	0.0000	-0.979	-0.9789	-0.0001
2024-01-10T08:26:42	3	0	45	45	0	1.0555	1.0555	0.0000	-1	-1	0.0000
2024-01-10T08:29:23	1	0	65	65	0	1.0544	1.0544	0.0000	0.9962	0.9971	-0.0009
2024-01-10T08:36:44	2	0	11	11	0	0.9773	0.9776	0.0003	0.9899	0.99	-0.0001
2024-01-10T08:41:43	2	0	41	41	0	1.0558	1.0558	0.0000	-1	-1	0.0000
2024-01-10T08:44:24	1	0	12	11	1	1.0508	1.0512	0.0004	0.9966	0.9965	0.0001
2024-01-10T08:46:31	1	0	49	48	1	0.9407	0.9407	0.0000	0.9973	0.9973	0.0000
2024-01-10T08:50:20	3	0	91	88	3	0.9411	0.9414	0.0003	0.9917	0.9918	-0.0001
2024-01-10T09:02:19	3	0	112	111	1	1.0548	1.0548	0.0000	0.9828	0.9828	0.0000
2024-01-10T09:03:09	2	0	5	5	0	0.9590	0.9588	-0.0002	0.9983	0.9983	0.0000
2024-01-10T09:03:57	2	0	15	14	1	1.0436	1.0434	-0.0002	0.9989	0.9989	0.0000
2024-01-10T09:05:21	2	0	32	30	2	0.9464	0.9468	0.0004	-0.9915	-0.9909	-0.0006
2024-01-10T09:06:52	3	0	11	7	4	1.0549	1.0542	-0.0007	0.9883	0.9883	0.0000
2024-01-10T09:10:41	1	0	57	60	-3	0.9435	0.9435	-0.0001	-0.9961	-0.9961	0.0000
2024-01-10T09:11:53	2	0	9	9	0	1.0064	1.0068	0.0003	0.991	0.9911	-0.0001
2024-01-10T09:12:44	1	0	42	41	1	1.0505	1.0503	-0.0002	0.9887	0.9855	0.0032
2024-01-10T09:13:43	1	0	1	1	0	1.0246	1.0240	-0.0006	1	1	0.0000
2024-01-10T09:14:26	4	0	48	39	9	1.0551	1.0549	-0.0002	0.997	0.997	0.0000
2024-01-10T09:16:18	1	0	4	4	0	1.0486	1.0484	-0.0002	0.9985	0.9985	0.0000
2024-01-10T09:17:14	3	0	806	806	0	1.0781	1.0781	0.0000	0.9999	0.9999	0.0000
2024-01-10T09:17:20	4	0	242	236	6	1.0560	1.0560	0.0000	0.9798	0.9797	0.0001
2024-01-10T09:20:21	3	0	94	89	5	1.0542	1.0536	-0.0005	0.9602	0.96	0.0002
2024-01-10T09:24:22	2	0	8	8	0	1.0370	1.0367	-0.0003	0.987	0.9867	0.0003
2024-01-10T09:26:07	1	0	5	5	0	1.0329	1.0328	-0.0001	0.9859	0.9858	0.0001

2024-01-10T09:26:46	1	0	44	43	1	1.0555	1.0554	-0.0001	-1	-1	0.0000
2024-01-10T09:29:03	1	0	49	49	0	1.0560	1.0559	-0.0001	-0.9985	-0.9985	0.0000
2024-01-10T09:31:03	2	0	7	7	0	1.0363	1.0362	-0.0001	-0.9999	-0.9999	0.0000
2024-01-10T09:31:36	6	0	62	61	1	0.9322	0.9329	0.0007	0.9824	0.9826	-0.0002
2024-01-10T09:32:52	2	0	49	48	1	0.9617	0.9594	-0.0022	0.9443	0.9442	0.0001
2024-01-10T09:34:46	4	0	17	16	1	1.0519	1.0514	-0.0004	1	1	0.0000
2024-01-10T09:35:26	2	0	29	29	0	1.0535	1.0533	-0.0002	0.9995	0.9995	0.0000
2024-01-10T09:36:38	1	0	12	12	0	1.0487	1.0486	-0.0001	0.9158	0.9135	0.0023
2024-01-10T09:36:54	3	0	11	9	2	0.9506	0.9526	0.0021	0.9871	0.9871	0.0000
2024-01-10T09:39:53	4	0	68	68	0	0.9273	0.9271	-0.0002	0.9969	0.9968	0.0001
2024-01-10T09:42:40	1	0	48	45	3	0.9455	0.9459	0.0004	0.9972	0.9973	-0.0001
2024-01-10T09:43:16	2	0	165	163	2	1.0574	1.0574	0.0000	0.9997	0.9997	0.0000
2024-01-10T09:44:04	3	0	100	100	0	1.0704	1.0701	-0.0002	-0.9878	-0.988	0.0002
2024-01-10T09:45:44	2	0	2	2	0	1.0030	1.0035	0.0005	0.9958	0.9959	-0.0001
2024-01-10T09:45:48	2	0	6	6	0	1.0494	1.0492	-0.0002	0.9893	0.989	0.0003
2024-01-10T09:46:37	2	0	86	86	0	0.9273	0.9276	0.0003	0.9862	0.9862	0.0000
2024-01-10T09:46:52	1	0	1	0	1	1.0365	null	null	0.9986	0.9986	0.0000
2024-01-10T09:48:36	1	0	11	11	0	1.0474	1.0473	-0.0001	-0.9875	-0.9876	0.0001
2024-01-10T09:48:46	8	0	1	1	0	0.9148	0.9173	0.0025	0.9981	0.9983	-0.0002
2024-01-10T09:50:23	1	0	58	56	2	1.0558	1.0557	-0.0001	0.9542	0.9541	0.0001
2024-01-10T09:50:27	3	0	14	13	1	1.0495	1.0499	0.0003	0.9996	0.9996	0.0000
2024-01-10T09:51:39	2	0	12	12	0	1.0490	1.0489	-0.0001	0.9253	0.923	0.0023
2024-01-10T09:52:00	1	0	69	68	1	0.9276	0.9279	0.0003	0.9822	0.9817	0.0005
2024-01-10T09:53:08	1	0	31	31	0	1.0463	1.0463	0.0000	-0.9958	-0.9958	0.0000
2024-01-10T09:53:25	4	0	86	85	1	0.9223	0.9233	0.0010	0.9888	0.989	-0.0002
2024-01-10T09:55:44	1	0	63	63	0	0.9392	0.9396	0.0004	-0.9977	-0.9972	-0.0005
2024-01-10T09:56:09	1	0	6	6	0	1.0262	1.0261	-0.0001	0.9857	0.9856	0.0001
2024-01-10T09:57:43	1	0	1	1	0	1.0355	1.0353	-0.0002	0.9722	0.9721	0.0001
2024-01-10T09:57:47	1	0	25	24	1	1.0478	1.0481	0.0003	0.9879	0.9883	-0.0004
2024-01-10T09:58:08	1	0	12	12	0	1.0461	1.0460	-0.0002	0.9943	0.9943	0.0000
2024-01-10T09:58:22	2	0	1	1	0	1.0038	1.0032	-0.0006	-0.9993	-0.999	-0.0003
2024-01-10T09:58:24	1	0	85	90	-5	1.0561	1.0563	0.0002	0.997	0.9967	0.0003
2024-01-10T09:59:05	1	0	26	26	0	1.0474	1.0474	0.0000	-0.9991	-0.9992	0.0001
2024-01-10T09:59:49	1	0	26	25	1	1.0551	1.0549	-0.0002	0.9749	0.9749	0.0000
2024-01-10T10:00:18	1	0	3	3	0	1.0358	1.0357	-0.0001	-1	-1	0.0000
2024-01-10T10:01:05	1	0	2	2	0	1.0246	1.0243	-0.0003	-1	-1	0.0000
2024-01-10T10:01:07	2	0	430	426	4	1.1172	1.1172	0.0000	0.9607	0.9605	0.0002
2024-01-10T10:01:14	4	0	2	0	2	0.9930	null	null	0.988	0.9883	-0.0003
2024-01-10T10:02:13	5	0	48	46	2	1.0506	1.0499	-0.0007	1	1	0.0000
2024-01-10T10:02:54	2	0	80	77	3	0.9514	0.9518	0.0003	0.9404	0.9404	0.0000
2024-01-10T10:03:37	1	0	8	7	1	1.0498	1.0485	-0.0013	0.9606	0.9604	0.0002
2024-01-10T10:03:47	2	0	1	0	1	0.9446	null	null	0.9991	0.9992	-0.0001
2024-01-10T10:05:03	2	0	2	2	0	1.0303	1.0299	-0.0004	0.999	0.999	0.0000
2024-01-10T10:05:08	3	0	1	0	1	0.9442	null	null	-0.9767	-0.976	-0.0007
2024-01-10T10:05:28	3	0	12	11	1	1.0499	1.0501	0.0002	0.9981	0.9974	0.0007
2024-01-10T10:08:09	5	0	30	30	0	1.0453	1.0451	-0.0002	-0.9973	-0.9973	0.0000
2024-01-10T10:08:35	4	0	62	51	11	1.0011	1.0020	0.0009	-0.9999	-0.9999	0.0000
2024-01-10T10:09:55	4	0	68	68	0	0.9225	0.9226	0.0001	0.9964	0.9964	0.0000
2024-01-10T10:10:36	1	0	5	5	0	1.0163	1.0162	-0.0001	0.9708	0.9707	0.0001
2024-01-10T10:10:45	1	0	74	75	-1	0.9394	0.9396	0.0002	-0.9959	-0.9957	-0.0002
2024-01-10T10:11:10	2	0	4	4	0	1.0226	1.0224	-0.0002	0.9799	0.9798	0.0001
2024-01-10T10:12:19	2	0	1	1	0	0.9783	0.9788	0.0005	-0.9979	-0.9979	0.0000
2024-01-10T10:12:45	1	0	49	48	1	1.0498	1.0496	-0.0001	-0.9997	-0.9997	0.0000
2024-01-10T10:12:48	1	0	24	23	1	1.0490	1.0492	0.0002	0.9887	0.989	-0.0003
2024-01-10T10:13:18	1	0	118	116	2	1.0558	1.0558	0.0000	0.9994	0.9993	0.0001
2024-01-10T10:13:24	1	0	57	60	-3	1.0560	1.0559	-0.0001	0.9968	0.9965	0.0003
2024-01-10T10:14:21	2	0	5	5	0	1.0454	1.0454	-0.0001	-0.9983	-0.9984	0.0001
2024-01-10T10:16:06	2	0	1	1	0	1.0225	1.0220	-0.0005	-0.9999	-0.9999	0.0000
2024-01-10T10:16:08	1	0	215	214	1	1.0622	1.0622	0.0000	0.9617	0.9616	0.0001
2024-01-10T10:16:15	16	0	3	0	3	0.9588	null	null	0.9878	0.988	-0.0002
2024-01-10T10:18:23	1	0	11	1	10	0.9436	0.9444	0.0008	0.9927	0.9925	0.0002
2024-01-10T10:18:48	6	0	19	7	12	0.9432	0.9434	0.0002	0.9992	0.9994	-0.0002
2024-01-10T10:19:02	4	0	4	4	0	1.0443	1.0440	-0.0003	0.9972	0.9972	0.0000
2024-01-10T10:19:21	3	0	14	14	0	1.0508	1.0506	-0.0002	0.9991	0.999	0.0001
2024-01-10T10:24:13	1	0	8	8	0	1.0457	1.0456	-0.0001	0.9711	0.9709	0.0002
2024-01-10T10:27:20	2	0	1	1	0	0.9764	0.9770	0.0006	-0.9964	-0.9963	-0.0001
2024-01-10T10:27:49	2	0	163	158	5	1.0580	1.0579	-0.0001	0.9995	0.9996	-0.0001
2024-01-10T10:28:25	1	0	36	36	0	1.0541	1.0541	0.0000	0.9971	0.9971	0.0000
2024-01-10T10:28:46	2	0	31	31	0	0.9492	0.9492	0.0000	0.9949	0.9949	0.0000
2024-01-10T10:29:51	1	0	19	19	0	1.0530	1.0529	0.0000	0.9748	0.9747	0.0001
2024-01-10T10:30:47	1	0	1	1	0	0.9671	0.9671	0.0000	0.9944	0.9944	0.0000
2024-01-10T10:31:42	4	0	1	1	0	1.0414	1.0402	-0.0012	0.9905	0.9973	-0.0068
2024-01-10T10:32:08	2	0	3	3	0	1.0252	1.0247	-0.0005	0.993	0.9929	0.0001
2024-01-10T10:32:15	3	0	25	25	0	1.0392	1.0390	-0.0002	0.9967	0.9966	0.0001
2024-01-10T10:32:51	2	0	77	71	6	1.0537	1.0536	-0.0001	0.9999	1	-0.0001
2024-01-10T10:34:03	2	0	11	11	0	1.0444	1.0443	-0.0001	0.9973	0.9973	0.0000
2024-01-10T10:35:30	2	0	16	15	1	1.0520	1.0517	-0.0003	0.9992	0.9988	0.0004
2024-01-10T10:36:58	1	0	6	6	0	0.9973	0.9971	-0.0002	0.9955	0.9955	0.0000
2024-01-10T10:38:13	1	0	123	122	1	1.0548	1.0548	0.0000	-0.9754	-0.9752	-0.0002
2024-01-10T10:40:22	1	0	14	14	0	1.0527	1.0526	-0.0001	0.9985	0.9984	0.0001
2024-01-10T10:40:45	2	0	1	0	1	1.0106	null	null	0.9997	0.9997	0.0000
2024-01-10T10:40:47	1	0	62	62	0	0.9416	0.9418	0.0002	-0.9979	-0.9979	0.0000
2024-01-10T10:42:29	1	0	1	1	0	1.0309	1.0306	-0.0003	-0.9954	-0.9954	0.0000
2024-01-10T10:42:44	2	0	31	23	8	0.9439	0.9443	0.0004	0.9969	0.997	-0.0001
2024-01-10T10:43:26	1	0	18	18	0	1.0535	1.0535	0.0000	0.9964	0.9965	-0.0001

2024-01-10T10:44:52	3	0	17	16	1	1.0537	1.0535	-0.0002	0.9731	0.9731	0.0000
2024-01-10T10:45:21	2	0	2	1	1	1.0501	1.0400	-0.0102	-1	-1	0.0000
2024-01-10T10:45:38	1	0	7	7	0	1.0459	1.0458	-0.0002	-1	-1	0.0000
2024-01-10T10:45:48	1	0	1	1	0	0.9630	0.9636	0.0006	0.9947	0.9948	-0.0001
2024-01-10T10:45:52	7	0	6	6	0	1.0328	1.0345	0.0017	0.9891	0.9899	-0.0008
2024-01-10T10:46:41	1	0	52	51	1	0.9377	0.9377	0.0000	0.9953	0.9953	0.0000
2024-01-10T10:46:56	1	0	1	1	0	0.9408	0.9417	0.0009	0.9988	0.9956	0.0032
2024-01-10T10:47:52	5	0	45	43	2	1.0537	1.0537	0.0001	1	1	0.0000
2024-01-10T10:48:50	2	0	3	3	0	0.9438	0.9447	0.0009	0.9996	0.9992	0.0004
2024-01-10T10:49:02	1	0	2	2	0	1.0324	1.0323	-0.0002	-0.9999	-0.9999	0.0000
2024-01-10T10:49:04	1	0	6	6	0	1.0379	1.0376	-0.0002	0.9967	0.9967	0.0000
2024-01-10T10:50:36	1	0	2	1	1	0.9837	1.0401	0.0563	0.9753	0.9753	0.0000
2024-01-10T10:52:48	1	0	1	1	0	1.0578	1.0574	-0.0004	0.9986	0.9985	0.0001
2024-01-10T10:53:03	5	0	2	1	1	1.0583	1.0578	-0.0005	-0.98	-0.9801	0.0001
2024-01-10T10:53:38	2	0	7	7	0	1.0441	1.0439	-0.0001	-0.9994	-0.9995	0.0001
2024-01-10T10:55:48	3	0	84	83	1	0.9372	0.9372	0.0000	-0.9971	-0.9971	0.0000
2024-01-10T10:56:56	1	0	12	11	1	1.0539	1.0529	-0.0010	0.9867	0.9864	0.0003
2024-01-10T10:58:06	1	0	2	2	0	1.0094	1.0097	0.0003	0.9961	0.9962	-0.0001
2024-01-10T10:58:21	5	0	139	135	4	1.0567	1.0566	-0.0001	0.9998	0.9998	0.0000
2024-01-10T10:59:16	1	0	16	16	0	1.0466	1.0466	-0.0001	0.9759	0.9757	0.0002
2024-01-10T11:00:22	2	0	3	2	1	1.0452	1.0371	-0.0081	-0.9998	-0.9998	0.0000
2024-01-10T11:01:29	1	0	1	0	1	1.0313	null	null	0.9738	0.9733	0.0005
2024-01-10T11:02:17	1	0	3	3	0	1.0390	1.0388	-0.0002	0.9999	0.9999	0.0000
2024-01-10T11:02:30	1	0	1	1	0	1.0566	1.0556	-0.0010	0.9752	0.975	0.0002
2024-01-10T11:02:53	2	0	13	13	0	1.0482	1.0480	-0.0001	0.9988	0.9988	0.0000
2024-01-10T11:03:51	1	0	53	48	5	0.9419	0.9422	0.0002	0.9996	0.9992	0.0004
2024-01-10T11:03:52	1	0	1	1	0	1.0108	1.0104	-0.0004	0.987	0.9869	0.0001
2024-01-10T11:05:12	2	0	1	1	0	0.9436	0.9440	0.0004	-0.9932	-0.9932	0.0000
2024-01-10T11:05:22	7	0	24	19	5	0.9390	0.9387	-0.0003	0.9939	0.9944	-0.0005
2024-01-10T11:05:28	2	0	30	29	1	1.0567	1.0564	-0.0003	0.9555	0.955	0.0005
2024-01-10T11:09:29	1	0	9	9	0	1.0382	1.0382	0.0000	0.9865	0.9861	0.0004
2024-01-10T11:11:13	4	0	22	22	0	1.0549	1.0549	0.0000	0.9931	0.9933	-0.0002
2024-01-10T11:13:22	1	0	114	114	0	1.0562	1.0561	0.0000	0.9993	0.9993	0.0000
2024-01-10T11:16:26	1	0	4	4	0	1.0510	1.0509	-0.0001	0.9997	0.9997	0.0000
2024-01-10T11:18:53	1	0	1	1	0	1.0554	1.0551	-0.0003	0.9897	0.9896	0.0001
2024-01-10T11:19:06	1	0	6	6	0	1.0374	1.0372	-0.0002	0.9972	0.9971	0.0001
2024-01-10T11:23:05	4	0	9	6	3	1.0560	1.0546	-0.0014	-0.9771	-0.9773	0.0002
2024-01-10T11:25:57	1	0	12	11	1	1.0499	1.0504	0.0004	0.9548	0.9547	0.0001
2024-01-10T11:27:45	1	0	5	4	1	1.0592	1.0573	-0.0019	-0.9895	-0.9858	-0.0037
2024-01-10T11:28:09	1	0	2	2	0	1.0709	1.0709	0.0000	0.9962	0.9962	0.0000
2024-01-10T11:30:24	1	0	1	1	0	1.0404	1.0404	0.0000	-1	-1	0.0000
2024-01-10T11:31:13	1	0	1	1	0	1.0452	1.0452	0.0000	0.9754	0.9754	0.0000
2024-01-10T11:32:19	10	0	5	5	0	1.0458	1.0457	-0.0001	0.9999	0.9999	0.0000
2024-01-10T11:33:19	2	0	3	3	0	0.9197	0.9197	0.0000	0.9963	0.9963	0.0000
2024-01-10T11:34:05	1	0	1	1	0	1.0362	1.0362	0.0000	-1	-1	0.0000
2024-01-10T11:34:26	3	0	4	4	0	1.0458	1.0458	0.0000	0.9985	0.9985	0.0000
2024-01-10T11:34:54	3	0	2	2	0	1.0455	1.0455	0.0000	0.9837	0.9837	0.0000
2024-01-10T11:35:09	2	0	1	1	0	1.0325	1.0325	0.0000	0.9992	0.9993	-0.0001
2024-01-10T11:35:24	5	0	4	2	2	1.0477	1.0362	-0.0114	0.9948	0.9948	0.0000
2024-01-10T11:35:38	1	0	1	0	1	1.0583	null	null	0.9921	0.9921	0.0000
2024-01-10T11:40:01	5	0	70	70	0	0.9525	0.9527	0.0003	0.9999	0.9999	0.0000
2024-01-10T11:42:46	1	0	1	1	0	1.0583	1.0583	0.0000	-0.9857	-0.9857	0.0000
2024-01-10T11:43:24	7	0	269	262	7	1.0600	1.0599	-0.0001	-0.9995	-0.9996	0.0001
2024-01-10T11:47:13	2	0	6	7	-1	1.0403	1.0410	0.0008	0.9941	0.9942	-0.0001
2024-01-10T11:48:31	1	0	3	3	0	1.0468	1.0468	-0.0001	0.9939	0.9937	0.0002
2024-01-10T11:48:54	14	0	1	1	0	1.0570	1.0568	-0.0002	0.9985	0.9984	0.0001
2024-01-10T11:49:06	1	0	2	2	0	0.9569	0.9569	0.0000	1	1	0.0000
2024-01-10T11:49:27	2	0	4	4	0	1.0461	1.0461	0.0000	0.9985	0.9986	-0.0001
2024-01-10T11:50:10	2	0	1	1	0	1.0316	1.0316	0.0000	0.999	0.999	0.0000
2024-01-10T11:50:25	7	0	2	2	0	1.0332	1.0325	-0.0007	0.9972	0.9971	0.0001
2024-01-10T11:55:18	2	0	2	2	0	1.0429	1.0429	0.0000	0.9987	0.9987	0.0000
2024-01-10T11:55:46	1	0	1	0	1	1.0578	null	null	0.9908	0.9907	0.0001
2024-01-10T12:00:03	4	0	1	1	0	1.0565	1.0564	-0.0001	0.999	0.9989	0.0001
2024-01-10T12:02:01	1	0	1	1	0	1.0574	1.0569	-0.0005	0.9939	0.9939	0.0000
2024-01-10T12:02:53	1	0	1	1	0	1.0628	1.0628	0.0000	-0.9833	-0.9833	0.0000
2024-01-10T12:03:19	1	0	2	2	0	1.0820	1.0818	-0.0001	1	1	0.0000
2024-01-10T12:03:56	1	0	1	1	0	1.0461	1.0461	0.0000	0.9694	0.9695	-0.0001
2024-01-10T12:08:39	1	0	2	2	0	1.0463	1.0463	0.0000	0.9927	0.9925	0.0002
2024-01-10T12:09:17	1	0	5	5	0	0.9729	0.9729	0.0000	0.9999	0.9999	0.0000
2024-01-10T12:10:18	1	0	1	1	0	1.0321	1.0321	0.0000	0.9982	0.9982	0.0000
2024-01-10T12:10:49	1	0	19	19	0	1.0505	1.0495	-0.0010	-0.9998	-0.9998	0.0000
2024-01-10T12:13:02	1	0	1	1	0	1.0590	1.0590	0.0000	0.9852	0.9852	0.0000
2024-01-10T12:13:54	1	0	215	214	1	1.0547	1.0546	0.0000	0.9913	0.9913	0.0000
2024-01-10T12:20:35	1	0	3	4	-1	1.0323	1.0339	0.0016	1	1	0.0000
2024-01-10T12:24:37	3	0	4	5	-1	1.0504	1.0515	0.0010	0.9962	0.9963	-0.0001
2024-01-10T12:28:18	1	0	3	3	0	1.0576	1.0576	0.0000	-0.9811	-0.9812	0.0001
2024-01-10T12:47:12	1	0	1	2	-1	1.0481	1.0465	-0.0016	0.936	0.9363	-0.0003
2024-01-10T12:49:40	1	0	5	5	0	1.0468	1.0468	0.0000	-0.9979	-0.9979	0.0000
2024-01-10T13:02:13	1	0	11	10	1	1.0508	1.0496	-0.0012	0.9851	0.9848	0.0003
2024-01-10T13:15:08	1	0	1	1	0	1.0563	1.0563	0.0000	0.9985	0.9985	0.0000
2024-01-10T13:19:57	1	0	1	1	0	1.0289	1.0289	0.0000	0.9985	0.9985	0.0000
2024-01-10T13:20:25	1	0	1	0	1	1.0615	null	null	0.9869	0.985	0.0019
2024-01-10T13:22:47	3	0	1	1	0	0.9627	0.9647	0.0020	0.966	0.9667	-0.0007
2024-01-10T13:25:06	1	0	11	11	0	1.0541	1.0536	-0.0005	0.9618	0.9615	0.0003
2024-01-10T13:29:17	1	0	5	5	0	1.0481	1.0482	0.0000	-0.9968	-0.9968	0.0000

2024-01-10T13:47:03	2	0	3	4	-1	1.0309	1.0299	-0.0010	0.9955	0.9955	0.0000
2024-01-10T13:48:19	1	0	70	70	0	0.9501	0.9504	0.0003	0.9928	0.9926	0.0002
2024-01-10T13:50:29	1	0	27	27	0	1.0505	1.0504	0.0000	0.9997	0.9997	0.0000
2024-01-10T14:02:04	2	0	5	5	0	1.0325	1.0325	0.0000	0.9953	0.9953	0.0000
2024-01-10T14:03:09	2	0	69	68	1	1.0520	1.0529	0.0009	-1	-1	0.0000
2024-01-10T14:04:00	11	0	2	2	0	1.0368	1.0367	-0.0001	0.9969	0.997	-0.0001
2024-01-10T14:05:30	5	0	34	32	2	1.0508	1.0508	0.0000	1	1	0.0000
2024-01-10T14:06:37	2	0	2	2	0	1.0451	1.0450	-0.0002	-0.9998	-1	0.0002
2024-01-10T14:06:41	3	0	8	8	0	1.0465	1.0465	0.0000	0.8488	0.8514	-0.0026
2024-01-10T14:06:53	6	0	8	13	-5	1.0289	1.0310	0.0020	0.9913	0.9913	0.0000
2024-01-10T14:06:59	2	0	52	48	4	0.9387	0.9391	0.0004	0.9854	0.9854	0.0000
2024-01-10T14:10:33	1	0	3	3	0	1.0443	1.0443	0.0000	0.9958	0.9958	0.0000
2024-01-10T14:10:35	6	0	201	116	85	1.0583	1.0571	-0.0012	-0.9984	-0.9989	0.0005
2024-01-10T14:10:35	1	0	4	4	0	1.0525	1.0525	-0.0001	0.9832	0.9832	0.0000
2024-01-10T14:11:08	4	0	2	2	0	1.0187	1.0187	0.0000	0.9868	0.9868	0.0000
2024-01-10T14:11:43	1	0	4	4	0	1.0509	1.0508	-0.0001	0.9996	0.9996	0.0000
2024-01-10T14:11:51	1	0	11	10	1	1.0520	1.0515	-0.0005	0.9871	0.9869	0.0002
2024-01-10T14:13:19	3	0	234	233	1	1.0590	1.0590	0.0000	0.9939	0.9939	0.0000
2024-01-10T14:13:42	1	0	7	8	-1	0.9830	0.9841	0.0011	0.9947	0.9947	0.0000
2024-01-10T14:15:09	4	0	1	0	1	1.0551	null	null	0.9987	0.9986	0.0001
2024-01-10T14:15:14	1	0	21	20	1	1.0468	1.0463	-0.0005	0.9919	0.9919	0.0000
2024-01-10T14:15:14	3	0	3	3	0	0.9177	0.9178	0.0001	0.9845	0.9846	-0.0001
2024-01-10T14:15:17	6	0	69	70	-1	1.0564	1.0560	-0.0003	0.9998	0.9997	0.0001
2024-01-10T14:16:06	2	0	267	266	1	1.0637	1.0637	0.0000	0.9598	0.9598	0.0000
2024-01-10T14:17:05	1	0	2	2	0	1.0329	1.0328	-0.0001	0.9953	0.9953	0.0000
2024-01-10T14:17:22	7	0	75	76	-1	1.0542	1.0541	-0.0001	0.9802	0.9802	0.0000
2024-01-10T14:17:31	5	0	1	1	0	1.0276	1.0264	-0.0012	-0.9951	-0.9953	0.0002
2024-01-10T14:19:01	1	0	2	2	0	1.0372	1.0367	-0.0005	0.9969	0.9969	0.0000
2024-01-10T14:20:24	3	0	1	1	0	0.9360	0.9360	0.0000	-0.987	-0.9869	-0.0001
2024-01-10T14:20:31	1	0	37	35	2	1.0509	1.0509	0.0000	-1	-1	0.0000
2024-01-10T14:20:53	3	0	2	2	0	1.0687	1.0679	-0.0008	-0.8641	-0.8702	0.0061
2024-01-10T14:21:54	5	0	8	8	0	0.9834	0.9835	0.0001	0.991	0.9911	-0.0001
2024-01-10T14:22:00	2	0	49	46	3	0.9294	0.9297	0.0003	0.9858	0.9857	0.0001
2024-01-10T14:25:36	5	0	3	3	0	1.0065	1.0080	0.0014	0.9749	0.9755	-0.0006
2024-01-10T14:25:51	1	0	13	13	0	1.0514	1.0513	-0.0001	0.9528	0.9521	0.0007
2024-01-10T14:26:44	1	0	7	7	0	1.0496	1.0496	0.0000	0.9997	0.9997	0.0000
2024-01-10T14:27:47	5	0	233	231	2	1.0604	1.0606	0.0002	0.9977	0.9978	-0.0001
2024-01-10T14:28:02	1	0	4	4	0	1.0500	1.0498	-0.0002	0.9749	0.9748	0.0001
2024-01-10T14:28:20	1	0	300	301	-1	1.0617	1.0617	0.0000	0.9981	0.9978	0.0003
2024-01-10T14:29:20	2	0	10	10	0	1.0468	1.0468	0.0000	-0.9977	-0.9977	0.0000
2024-01-10T14:30:18	4	0	143	138	5	1.0573	1.0571	-0.0001	0.9999	0.9999	0.0000
2024-01-10T14:30:57	3	0	2	2	0	1.0688	1.0688	-0.0001	-0.869	-0.8696	0.0006
2024-01-10T14:31:07	2	0	144	142	2	1.0623	1.0622	0.0000	0.9621	0.9617	0.0004
2024-01-10T14:31:22	1	0	1	0	1	0.9832	null	null	-0.9948	-0.9947	-0.0001
2024-01-10T14:31:25	1	0	1	1	0	1.0341	1.0335	-0.0006	0.9797	0.9789	0.0008
2024-01-10T14:31:53	2	0	2	2	0	1.0358	1.0354	-0.0005	0.9965	0.9964	0.0001
2024-01-10T14:32:06	1	0	11	11	0	1.0414	1.0414	0.0000	0.9953	0.9953	0.0000
2024-01-10T14:32:13	8	0	3	2	1	1.0369	1.0412	0.0042	0.9973	0.9972	0.0001
2024-01-10T14:32:23	6	0	93	91	2	1.0546	1.0546	0.0000	0.9797	0.9796	0.0001
2024-01-10T14:33:33	1	0	3	2	1	1.0469	1.0465	-0.0004	-0.9905	-0.9909	0.0004
2024-01-10T14:34:02	1	0	2	2	0	1.0378	1.0378	0.0000	0.997	0.997	0.0000
2024-01-10T14:35:25	3	0	1	1	0	0.9367	0.9371	0.0004	-0.9871	-0.987	-0.0001
2024-01-10T14:35:32	4	0	41	39	2	1.0516	1.0519	0.0003	-1	-1	0.0000
2024-01-10T14:36:43	2	0	10	10	0	1.0466	1.0466	0.0000	0.841	0.839	0.0020
2024-01-10T14:37:01	2	0	5	5	0	0.9244	0.9245	0.0001	0.9887	0.9888	-0.0001
2024-01-10T14:38:11	2	0	122	117	5	1.0564	1.0563	-0.0001	-0.9769	-0.9768	-0.0001
2024-01-10T14:38:59	5	0	1	1	0	1.0143	1.0133	-0.0010	0.981	0.9803	0.0007
2024-01-10T14:39:54	6	0	71	70	1	0.9582	0.9532	-0.0050	0.9973	0.9979	-0.0006
2024-01-10T14:40:11	2	0	4	4	0	0.9484	0.9495	0.0011	0.9805	0.9808	-0.0003
2024-01-10T14:40:37	3	0	109	108	1	1.0565	1.0564	-0.0001	-0.9999	-0.9999	0.0000
2024-01-10T14:40:37	4	0	4	4	0	1.0319	1.0320	0.0001	0.9732	0.9732	0.0000
2024-01-10T14:40:44	1	0	1	1	0	0.9437	0.9439	0.0002	-0.9963	-0.9961	-0.0002
2024-01-10T14:40:52	1	0	18	18	0	1.0530	1.0530	0.0000	0.9497	0.9496	0.0001
2024-01-10T14:41:10	1	0	3	3	0	1.0291	1.0290	-0.0001	0.9863	0.9863	0.0000
2024-01-10T14:42:48	5	0	255	253	2	1.0625	1.0623	-0.0002	0.9982	0.9982	0.0000
2024-01-10T14:43:03	1	0	3	3	0	1.0493	1.0493	0.0000	0.9811	0.9811	0.0000
2024-01-10T14:43:18	1	0	2	2	0	1.0462	1.0459	-0.0003	0.9937	0.9933	0.0004
2024-01-10T14:43:21	4	0	301	298	3	1.0605	1.0604	-0.0001	0.9955	0.9954	0.0001
2024-01-10T14:45:19	4	0	155	155	0	1.0574	1.0574	0.0000	0.999	0.999	0.0000
2024-01-10T14:45:46	3	0	1	0	1	1.0402	null	null	0.992	0.9939	-0.0019
2024-01-10T14:45:57	2	0	2	2	0	1.0666	1.0666	0.0000	-0.9269	-0.927	0.0001
2024-01-10T14:46:23	2	0	1	1	0	0.9892	0.9898	0.0006	-0.9889	-0.9888	-0.0001
2024-01-10T14:50:05	1	0	3	3	0	1.0498	1.0497	-0.0001	0.9958	0.9957	0.0001
2024-01-10T14:50:29	9	0	43	41	2	1.0557	1.0548	-0.0009	0.9989	0.9987	0.0002
2024-01-10T14:51:56	4	0	12	10	2	0.9898	0.9989	0.0091	0.9916	0.9917	-0.0001
2024-01-10T14:54:20	1	0	1	1	0	0.9930	0.9934	0.0004	0.9818	0.9818	0.0000
2024-01-10T14:54:55	1	0	72	72	0	0.9581	0.9581	0.0000	0.9956	0.9956	0.0000
2024-01-10T14:55:45	1	0	53	43	10	0.9433	0.9435	0.0002	-0.9957	-0.9955	-0.0002
2024-01-10T14:55:58	1	0	2	2	0	1.0243	1.0242	-0.0001	0.9878	0.9877	0.0001
2024-01-10T14:59:07	1	0	13	13	0	1.0403	1.0402	-0.0001	-0.9991	-0.9992	0.0001
2024-01-10T15:00:20	1	0	154	152	2	1.0573	1.0574	0.0002	0.9999	0.9999	0.0000
2024-01-10T15:02:56	1	0	11	10	1	1.0216	1.0182	-0.0034	0.9576	0.9576	0.0000
2024-01-10T15:04:01	2	0	5	5	0	0.9737	0.9739	0.0002	0.9999	0.9999	0.0000
2024-01-10T15:04:21	3	0	13	11	2	1.0503	1.0493	-0.0010	0.9991	0.9991	0.0000
2024-01-10T15:05:25	1	0	20	19	1	1.0529	1.0527	-0.0002	0.9596	0.949	0.0106

2024-01-10T15:09:56	1	0	70	70	0	0.9737	0.9737	0.0000	0.9981	0.9981	0.0000
2024-01-10T15:10:39	1	0	4	4	0	0.9767	0.9768	0.0001	0.9706	0.9708	-0.0002
2024-01-10T15:11:05	5	0	23	12	11	0.9706	0.9959	0.0253	0.9899	0.9901	-0.0002
2024-01-10T15:13:20	1	0	7	0	7	0.9442	null	null	0.9929	0.9928	0.0001
2024-01-10T15:13:23	1	0	312	311	1	1.0607	1.0607	0.0000	0.9964	0.9964	0.0000
2024-01-10T15:15:48	2	0	1	1	0	0.9683	0.9685	0.0002	0.9915	0.9915	0.0000
2024-01-10T15:15:59	1	0	2	2	0	1.0563	1.0561	-0.0002	-0.958	-0.9599	0.0019
2024-01-10T15:17:16	4	0	1	0	1	1.0285	null	null	0.9988	0.9988	0.0000
2024-01-10T15:19:02	1	0	6	6	0	0.9832	0.9832	-0.0001	0.9999	0.9999	0.0000
2024-01-10T15:22:54	2	0	1	1	0	0.9608	0.9613	0.0005	0.9683	0.9682	0.0001
2024-01-10T15:26:13	2	0	1	1	0	1.0306	1.0303	-0.0003	0.9857	0.9848	0.0009
2024-01-10T15:28:21	1	0	39	6	33	0.9413	0.9441	0.0028	0.9928	0.9927	0.0001
2024-01-10T15:30:52	1	0	4	4	0	1.0514	1.0503	-0.0011	0.967	0.9673	-0.0003
2024-01-10T15:32:17	4	0	1	1	0	1.0296	1.0294	-0.0002	0.999	0.999	0.0000
2024-01-10T15:41:07	1	0	9	9	0	1.0440	1.0440	0.0000	0.9902	0.9902	0.0000
2024-01-10T15:43:25	1	0	361	358	3	1.0612	1.0612	0.0000	0.995	0.995	0.0000
2024-01-10T15:45:23	1	0	2	2	0	1.0377	1.0376	-0.0001	-0.999	-0.999	0.0000
2024-01-10T15:47:59	2	0	16	15	1	1.0554	1.0553	-0.0001	0.968	0.968	0.0000
2024-01-10T15:49:24	1	0	6	6	0	1.0504	1.0504	0.0000	0.999	0.999	0.0000
2024-01-10T15:52:06	1	0	11	11	0	0.9338	0.9339	0.0001	0.9862	0.9865	-0.0003
2024-01-10T16:05:43	1	0	15	14	1	1.0517	1.0517	-0.0001	0.9978	0.9978	0.0000
2024-01-10T16:06:56	1	0	3	0	3	0.9590	null	null	0.9865	0.9867	-0.0002
2024-01-10T16:17:28	1	0	1	2	-1	1.0376	0.9913	-0.0464	0.9777	0.9777	0.0000
2024-01-10T16:21:57	6	0	5	5	0	0.9882	0.9878	-0.0004	0.9868	0.9865	0.0003
2024-01-10T16:28:25	1	0	41	41	0	0.9531	0.9532	0.0000	0.9937	0.9936	0.0001
2024-01-10T16:42:21	6	0	236	234	2	0.9319	0.9328	0.0009	0.9949	0.995	-0.0001
2024-01-10T16:45:19	2	0	37	30	7	0.9428	0.9430	0.0002	0.9991	0.9991	0.0000
2024-01-10T17:37:35	1	0	115	115	0	0.9288	0.9289	0.0001	-0.9923	-0.9922	-0.0001
2024-01-10T18:22:16	1	0	124	124	0	0.9165	0.9165	0.0000	0.9929	0.9928	0.0001
2024-01-11T07:51:14	1	0	115	115	0	0.9241	0.9242	0.0000	0.9797	0.9798	-0.0001
2024-01-11T07:54:59	1	0	52	51	1	0.9427	0.9427	0.0000	-0.9942	-0.9939	-0.0003
2024-01-11T08:04:39	1	0	90	89	1	1.0553	1.0553	0.0000	0.9861	0.9861	0.0000
2024-01-11T08:04:40	3	0	52	49	3	0.9415	0.9415	0.0000	-0.9842	-0.9833	-0.0009
2024-01-11T08:04:43	2	0	35	34	1	1.0497	1.0497	0.0000	1	1	0.0000
2024-01-11T08:06:15	1	0	113	113	0	0.9171	0.9171	0.0000	0.9852	0.9852	0.0000
2024-01-11T08:12:34	3	0	506	506	0	1.0658	1.0658	0.0000	-0.9974	-0.996	-0.0014
2024-01-11T08:27:35	1	0	556	555	1	1.0652	1.0652	0.0000	-0.9977	-0.9962	-0.0015
2024-01-11T08:28:44	5	0	54	46	8	1.0536	1.0534	-0.0001	0.9977	0.9977	0.0000
2024-01-11T08:31:36	2	0	795	795	0	1.0816	1.0816	0.0000	0.9997	0.9997	0.0000
2024-01-11T08:36:06	1	0	2	2	0	1.0244	1.0243	-0.0002	0.9912	0.9915	-0.0003
2024-01-11T08:36:11	3	0	13	11	2	1.0535	1.0529	-0.0005	0.9891	0.9891	0.0000
2024-01-11T08:42:36	3	0	564	561	3	1.0667	1.0666	0.0000	-0.996	-0.9942	-0.0018
2024-01-11T08:47:11	2	0	75	73	2	1.0123	1.0123	0.0000	0.9497	0.9496	0.0001
2024-01-11T08:49:46	1	0	27	26	1	1.0534	1.0534	0.0000	0.9988	0.9988	0.0000
2024-01-11T08:52:37	2	0	4	4	0	1.0360	1.0360	0.0000	-0.9971	-0.9971	0.0000
2024-01-11T08:57:37	2	0	620	619	1	1.0664	1.0664	0.0000	-0.9961	-0.9943	-0.0018
2024-01-11T08:58:06	1	0	1	1	0	1.0306	1.0302	-0.0004	-0.9884	-0.9884	0.0000
2024-01-11T09:04:43	2	0	114	109	5	1.0558	1.0557	0.0000	0.987	0.987	0.0000
2024-01-11T09:04:47	1	0	24	23	1	1.0527	1.0518	-0.0009	0.9987	0.9987	0.0000
2024-01-11T09:06:19	2	0	102	102	0	0.9151	0.9155	0.0004	0.9838	0.9835	0.0003
2024-01-11T09:11:08	2	0	36	36	0	1.0555	1.0554	-0.0001	-1	-1	0.0000
2024-01-11T09:12:01	3	0	149	140	9	0.9407	0.9408	0.0001	0.9971	0.9971	0.0000
2024-01-11T09:12:06	3	0	59	59	0	1.0537	1.0533	-0.0004	0.9949	0.9951	-0.0002
2024-01-11T09:12:38	4	0	718	713	5	1.0660	1.0660	0.0000	-0.9983	-0.9974	-0.0009
2024-01-11T09:16:39	3	0	795	795	0	1.0824	1.0824	0.0000	1	1	0.0000
2024-01-11T09:18:44	2	0	1107	892	215	0.8364	0.8480	0.0116	0.8929	0.9264	-0.0335
2024-01-11T09:19:18	5	0	55	55	0	0.9360	0.9366	0.0006	0.9937	0.9937	0.0000
2024-01-11T09:19:38	1	0	1	1	0	1.0335	1.0328	-0.0007	0.9991	0.9991	0.0000
2024-01-11T09:22:31	3	0	146	144	2	1.0567	1.0566	-0.0001	-0.9837	-0.9837	0.0000
2024-01-11T09:23:45	2	0	3	3	0	1.0505	1.0502	-0.0003	0.9831	0.9828	0.0003
2024-01-11T09:24:11	3	0	66	66	0	0.9485	0.9485	0.0000	0.9998	1	-0.0002
2024-01-11T09:28:08	2	0	3	3	0	1.0279	1.0269	-0.0010	-0.9973	-0.9974	0.0001
2024-01-11T09:33:45	1	0	1339	1337	2	0.7420	0.7426	0.0006	0.892	0.9027	-0.0107
2024-01-11T09:33:47	1	0	1	1	0	1.0392	1.0388	-0.0004	0.9994	0.9994	0.0000
2024-01-11T09:34:49	4	0	16	16	0	1.0506	1.0500	-0.0006	0.998	0.998	0.0000
2024-01-11T09:36:10	4	0	2	2	0	1.0133	1.0127	-0.0007	0.9912	0.9911	0.0001
2024-01-11T09:36:15	6	0	12	10	2	0.9521	0.9543	0.0022	0.9791	0.9792	-0.0001
2024-01-11T09:37:32	1	0	181	180	1	1.0582	1.0582	0.0000	-0.9829	-0.9828	-0.0001
2024-01-11T09:41:14	2	0	170	63	107	1.0517	1.0487	-0.0030	0.9934	0.9923	0.0011
2024-01-11T09:41:22	1	0	11	10	1	1.0520	1.0515	-0.0005	0.9865	0.9864	0.0001
2024-01-11T09:42:03	1	0	80	78	2	0.9384	0.9385	0.0001	0.9971	0.9972	-0.0001
2024-01-11T09:43:49	3	0	24	23	1	1.0512	1.0510	-0.0002	0.9973	0.9973	0.0000
2024-01-11T09:45:26	2	0	5	5	0	1.0254	1.0252	-0.0002	0.9974	0.9973	0.0001
2024-01-11T09:46:41	1	0	79	78	1	1.0522	1.0522	0.0000	1	1	0.0000
2024-01-11T09:46:46	4	0	53	51	2	1.0531	1.0530	-0.0001	0.98	0.9799	0.0001
2024-01-11T09:47:15	1	0	55	54	1	0.9764	0.9747	-0.0017	0.9596	0.9595	0.0001
2024-01-11T09:48:26	4	0	24	22	2	1.0463	1.0461	-0.0001	0.9997	0.9997	0.0000
2024-01-11T09:48:35	1	0	144	144	0	1.0560	1.0560	-0.0001	0.9962	0.9962	0.0000
2024-01-11T09:49:23	1	0	3	3	0	1.0261	1.0259	-0.0001	0.9987	0.9986	0.0001
2024-01-11T09:49:47	1	0	8	7	1	0.9423	0.9425	0.0003	0.9928	0.993	-0.0002
2024-01-11T09:57:32	1	0	17	17	0	1.0473	1.0472	-0.0001	0.9935	0.9935	0.0000
2024-01-11T09:57:47	2	0	3	3	0	1.0106	1.0102	-0.0004	-0.9829	-0.9811	-0.0018
2024-01-11T09:58:30	3	0	3	3	0	1.0415	1.0410	-0.0004	-0.9973	-0.9975	0.0002
2024-01-11T09:58:50	3	0	22	21	1	1.0520	1.0510	-0.0010	0.9974	0.9973	0.0001
2024-01-11T09:59:41	2	0	1	0	1	1.0556	null	null	0.9996	0.9996	0.0000

2024-01-11T10:01:30	2	0	24	24	0	1.0449	1.0448	-0.0001	0.9935	0.9934	0.0001
2024-01-11T10:01:42	7	0	131	88	43	1.0559	1.0553	-0.0006	-1	-1	0.0000
2024-01-11T10:01:47	2	0	44	43	1	1.0526	1.0525	-0.0001	0.9785	0.9785	0.0000
2024-01-11T10:01:47	1	0	2	2	0	1.0433	1.0431	-0.0003	0.988	0.9879	0.0001
2024-01-11T10:02:16	1	0	40	39	1	0.9561	0.9562	0.0002	0.9603	0.9602	0.0001
2024-01-11T10:02:57	2	0	8	5	3	1.0457	1.0457	0.0000	-0.9972	-0.9973	0.0001
2024-01-11T10:03:07	1	0	5	5	0	1.0521	1.0519	-0.0002	0.9987	0.9986	0.0001
2024-01-11T10:03:56	1	0	491	492	-1	0.9235	0.9236	0.0001	-0.9776	-0.9816	0.0040
2024-01-11T10:04:21	2	0	61	60	1	0.9324	0.9325	0.0001	0.9889	0.9889	0.0000
2024-01-11T10:04:24	2	0	3	3	0	1.0268	1.0267	-0.0002	0.9984	0.9983	0.0001
2024-01-11T10:04:51	9	0	24	21	3	1.0526	1.0523	-0.0003	0.999	0.9989	0.0001
2024-01-11T10:04:54	1	0	35	35	0	1.0468	1.0468	0.0000	-0.9979	-0.9979	0.0000
2024-01-11T10:05:18	1	0	9	9	0	1.0490	1.0488	-0.0003	-0.9583	-0.9597	0.0014
2024-01-11T10:07:23	5	0	3	2	1	1.0538	1.0508	-0.0030	-0.9914	-0.9915	0.0001
2024-01-11T10:07:57	5	0	81	81	0	0.9268	0.9279	0.0011	0.9792	0.9796	-0.0004
2024-01-11T10:09:09	3	0	2	1	1	1.0565	1.0552	-0.0013	-0.9927	-0.9929	0.0002
2024-01-11T10:09:14	1	0	83	83	0	0.9859	0.9859	0.0000	0.9996	0.9996	0.0000
2024-01-11T10:09:57	1	0	7	7	0	1.0306	1.0306	0.0000	0.9819	0.9805	0.0014
2024-01-11T10:13:31	1	0	2	2	0	1.0464	1.0462	-0.0002	-0.9963	-0.9963	0.0000
2024-01-11T10:14:38	1	0	40	39	1	1.0504	1.0502	-0.0001	0.9914	0.9914	0.0000
2024-01-11T10:14:59	2	0	20	20	0	1.0472	1.0471	0.0000	0.9956	0.9956	0.0000
2024-01-11T10:15:08	3	0	1	1	0	0.9639	0.9651	0.0012	0.9936	0.9938	-0.0002
2024-01-11T10:15:11	1	0	2	2	0	1.0285	1.0284	-0.0001	0.9112	0.9392	-0.0280
2024-01-11T10:16:43	6	0	107	103	4	1.0547	1.0546	-0.0001	-0.9999	-0.9999	0.0000
2024-01-11T10:16:48	6	0	126	121	5	1.0552	1.0551	-0.0001	0.9804	0.9803	0.0001
2024-01-11T10:16:48	1	0	1	0	1	0.9256	null	null	0.9869	0.9869	0.0000
2024-01-11T10:17:17	1	0	41	39	2	0.9562	0.9564	0.0002	0.9592	0.9594	-0.0002
2024-01-11T10:18:28	3	0	6	6	0	1.0415	1.0413	-0.0002	0.998	0.998	0.0000
2024-01-11T10:19:49	2	0	1	1	0	0.9438	0.9447	0.0009	0.9925	0.9928	-0.0003
2024-01-11T10:21:13	3	0	2	2	0	1.0307	1.0299	-0.0009	0.9931	0.993	0.0001
2024-01-11T10:21:31	1	0	17	17	0	1.0494	1.0493	-0.0001	0.9525	0.9523	0.0002
2024-01-11T10:21:38	1	0	33	33	0	1.0483	1.0483	0.0000	-0.9901	-0.9901	0.0000
2024-01-11T10:22:33	5	0	9	9	0	1.0354	1.0351	-0.0003	1	1	0.0000
2024-01-11T10:24:15	3	0	99	99	0	0.9888	0.9887	-0.0001	0.9997	0.9997	0.0000
2024-01-11T10:24:38	2	0	2	2	0	1.0333	1.0328	-0.0005	0.9938	0.9938	0.0000
2024-01-11T10:28:04	1	0	4	4	0	1.0462	1.0460	-0.0002	0.9745	0.9744	0.0001
2024-01-11T10:28:04	2	0	17	16	1	1.0496	1.0497	0.0001	-0.9995	-0.9995	0.0000
2024-01-11T10:28:07	2	0	59	59	0	0.9451	0.9451	0.0000	0.9918	0.9918	0.0000
2024-01-11T10:29:39	2	0	55	53	2	1.0509	1.0507	-0.0002	0.9919	0.9919	0.0000
2024-01-11T10:30:12	5	0	3	3	0	1.0510	1.0488	-0.0023	0.9518	0.95	0.0018
2024-01-11T10:31:21	1	0	70	68	2	1.0529	1.0527	-0.0001	-0.9785	-0.9786	0.0001
2024-01-11T10:31:44	1	0	167	160	7	1.0565	1.0565	-0.0001	1	1	0.0000
2024-01-11T10:31:49	5	0	135	129	6	1.0551	1.0550	-0.0001	0.9784	0.9783	0.0001
2024-01-11T10:32:18	1	0	30	29	1	0.9804	0.9778	-0.0026	0.9598	0.9597	0.0001
2024-01-11T10:32:59	1	0	4	2	2	1.0455	1.0452	-0.0003	-0.9967	-0.9968	0.0001
2024-01-11T10:33:09	2	0	41	40	1	1.0573	1.0572	-0.0001	0.9989	0.9989	0.0000
2024-01-11T10:33:38	1	0	88	87	1	1.0544	1.0543	0.0000	0.9961	0.9961	0.0000
2024-01-11T10:34:43	1	0	7	7	0	0.9521	0.9521	0.0000	0.9957	0.9957	0.0000
2024-01-11T10:34:56	1	0	38	37	1	1.0496	1.0496	0.0000	-0.9976	-0.9976	0.0000
2024-01-11T10:34:57	1	0	6	6	0	1.0481	1.0477	-0.0004	0.9858	0.9858	0.0000
2024-01-11T10:36:19	1	0	1	1	0	1.0402	1.0399	-0.0003	0.9906	0.9906	0.0000
2024-01-11T10:37:10	1	0	1	0	1	1.0551	null	null	0.9907	0.9907	0.0000
2024-01-11T10:37:36	5	0	225	222	3	1.0602	1.0602	0.0000	-0.9787	-0.9788	0.0001
2024-01-11T10:39:22	1	0	44	44	0	1.0482	1.0482	0.0000	0.9998	0.9998	0.0000
2024-01-11T10:40:16	1	0	18	17	1	1.0530	1.0534	0.0005	0.9491	0.9489	0.0002
2024-01-11T10:40:21	2	0	23	23	0	1.0481	1.0481	0.0000	-0.9968	-0.9968	0.0000
2024-01-11T10:40:22	1	0	5	5	0	1.0311	1.0310	-0.0001	0.9901	0.99	0.0001
2024-01-11T10:40:42	1	0	3	3	0	1.0403	1.0401	-0.0002	0.9882	0.9881	0.0001
2024-01-11T10:43:53	4	0	35	34	1	1.0540	1.0539	-0.0001	0.9964	0.9964	0.0000
2024-01-11T10:44:40	1	0	58	55	3	1.0515	1.0512	-0.0003	0.9909	0.9909	0.0000
2024-01-11T10:44:44	1	0	1	0	1	1.0573	null	null	0.9949	0.9949	0.0000
2024-01-11T10:46:45	3	0	159	149	10	1.0572	1.0570	-0.0001	1	1	0.0000
2024-01-11T10:46:50	2	0	172	169	3	1.0554	1.0554	0.0000	0.9798	0.9797	0.0001
2024-01-11T10:47:19	2	0	27	26	1	0.9717	0.9684	-0.0033	0.9578	0.9578	0.0000
2024-01-11T10:48:03	1	0	11	10	1	1.0016	0.9960	-0.0056	0.9646	0.9643	0.0003
2024-01-11T10:48:15	1	0	1	1	0	1.0180	1.0177	-0.0003	0.9883	0.9882	0.0001
2024-01-11T10:48:26	1	0	3	3	0	1.0316	1.0315	-0.0001	-0.9979	-0.9979	0.0000
2024-01-11T10:48:30	1	0	7	7	0	1.0429	1.0428	-0.0001	0.9988	0.9988	0.0000
2024-01-11T10:48:46	1	0	1	0	1	1.0553	null	null	0.994	0.9939	0.0001
2024-01-11T10:48:52	1	0	2	2	0	1.0358	1.0357	-0.0002	0.9998	0.9998	0.0000
2024-01-11T10:49:13	5	0	17	14	3	1.0524	1.0512	-0.0012	0.999	0.9988	0.0002
2024-01-11T10:49:30	1	0	3	3	0	1.0525	1.0524	-0.0001	0.9988	0.9987	0.0001
2024-01-11T10:50:30	7	0	201	192	9	0.9297	0.9307	0.0009	-0.9995	-0.9994	-0.0001
2024-01-11T10:50:40	2	0	6	6	0	1.0414	1.0413	-0.0001	0.995	0.995	0.0000
2024-01-11T10:51:33	2	0	195	186	9	1.0612	1.0612	-0.0001	0.9797	0.9794	0.0003
2024-01-11T10:52:14	1	0	10	10	0	1.0331	1.0330	-0.0001	0.9971	0.9971	0.0000
2024-01-11T10:52:27	4	0	11	10	1	1.0528	1.0518	-0.0010	-0.9899	-0.9901	0.0002
2024-01-11T10:52:37	2	0	170	168	2	1.0575	1.0575	0.0000	-0.9828	-0.9828	0.0000
2024-01-11T10:54:17	1	0	81	81	0	0.9818	0.9818	0.0000	0.9974	0.9981	-0.0007
2024-01-11T10:56:10	1	0	2	2	0	1.0516	1.0511	-0.0005	0.9906	0.9905	0.0001
2024-01-11T10:56:12	1	0	2	2	0	1.0326	1.0324	-0.0003	0.9821	0.982	0.0001
2024-01-11T10:57:13	1	0	22	21	1	1.0485	1.0481	-0.0004	0.9815	0.9818	-0.0003
2024-01-11T10:57:29	1	0	3	3	0	1.0492	1.0489	-0.0003	0.99	0.99	0.0000
2024-01-11T10:57:34	3	0	47	43	4	1.0537	1.0537	0.0000	0.9983	0.9983	0.0000
2024-01-11T10:59:45	1	0	1	0	1	1.0556	null	null	0.9951	0.9951	0.0000

2024-01-11T11:00:02	1	0	25	25	0	1.0483	1.0482	-0.0001	0.9961	0.996	0.0001
2024-01-11T11:00:32	2	0	4	4	0	1.0271	1.0269	-0.0002	0.9987	0.9986	0.0001
2024-01-11T11:00:52	1	0	1	1	0	1.0290	1.0284	-0.0006	0.9704	0.9696	0.0008
2024-01-11T11:01:46	3	0	106	97	9	1.0564	1.0561	-0.0003	1	1	0.0000
2024-01-11T11:03:04	4	0	11	8	3	0.9970	1.0036	0.0065	0.9579	0.9585	-0.0006
2024-01-11T11:03:21	1	0	2	2	0	1.0015	1.0014	-0.0001	-0.9983	-0.9983	0.0000
2024-01-11T11:03:40	1	0	40	39	1	1.0532	1.0531	-0.0001	0.9966	0.9966	0.0000
2024-01-11T11:03:47	3	0	16	13	3	1.0521	1.0514	-0.0007	0.9982	0.9981	0.0001
2024-01-11T11:04:06	2	0	2	2	0	1.0445	1.0440	-0.0004	-0.9597	-0.9602	0.0005
2024-01-11T11:04:31	1	0	9	9	0	1.0502	1.0501	-0.0002	0.9984	0.9984	0.0000
2024-01-11T11:07:38	1	0	178	176	2	1.0575	1.0575	0.0000	-0.9782	-0.9781	-0.0001
2024-01-11T11:08:52	1	0	14	12	2	1.0544	1.0559	0.0015	0.9619	0.9616	0.0003
2024-01-11T11:09:13	1	0	14	13	1	1.0526	1.0522	-0.0004	-0.9936	-0.9936	0.0000
2024-01-11T11:10:12	2	0	1	0	1	1.0286	null	null	-0.9893	-0.99	0.0007
2024-01-11T11:10:18	1	0	14	14	0	1.0526	1.0525	0.0000	0.9516	0.9512	0.0004
2024-01-11T11:10:19	2	0	1	0	1	1.0094	null	null	0.9999	0.9999	0.0000
2024-01-11T11:14:42	1	0	65	64	1	1.0522	1.0521	-0.0001	0.991	0.991	0.0000
2024-01-11T11:14:46	1	0	1	1	0	1.0579	1.0554	-0.0025	0.9947	0.9947	0.0000
2024-01-11T11:15:03	1	0	26	26	0	1.0494	1.0494	0.0000	0.9965	0.9965	0.0000
2024-01-11T11:15:33	2	0	6	6	0	1.0291	1.0289	-0.0002	0.9988	0.9988	0.0000
2024-01-11T11:16:24	2	0	90	89	1	1.0544	1.0544	0.0000	-0.9781	-0.9781	0.0000
2024-01-11T11:16:47	2	0	283	277	6	1.0587	1.0587	-0.0001	1	1	0.0000
2024-01-11T11:16:52	5	0	241	237	4	1.0561	1.0561	0.0000	0.9798	0.9797	0.0001
2024-01-11T11:18:02	1	0	16	14	2	1.0481	1.0480	-0.0001	-0.9937	-0.9941	0.0004
2024-01-11T11:18:12	1	0	77	77	0	1.0617	1.0616	-0.0001	0.9979	0.9978	0.0001
2024-01-11T11:18:32	4	0	14	13	1	1.0485	1.0494	0.0009	0.9965	0.9964	0.0001
2024-01-11T11:18:54	1	0	1	1	0	1.0377	1.0369	-0.0008	0.9999	0.9998	0.0001
2024-01-11T11:19:15	5	0	3	2	1	1.0502	1.0467	-0.0035	0.9809	0.9801	0.0008
2024-01-11T11:19:56	3	0	31	30	1	1.0529	1.0529	0.0000	0.9998	0.9997	0.0001
2024-01-11T11:20:32	6	0	1	1	0	1.0569	1.0550	-0.0019	-0.9985	-0.9985	0.0000
2024-01-11T11:21:38	1	0	13	13	0	1.0569	1.0568	-0.0001	0.9875	0.9874	0.0001
2024-01-11T11:22:39	3	0	204	201	3	1.0586	1.0586	0.0000	-0.9801	-0.98	-0.0001
2024-01-11T11:25:13	5	0	1	2	-1	1.0210	1.0182	-0.0028	-0.9918	-0.992	0.0002
2024-01-11T11:25:45	1	0	2	2	0	1.0475	1.0473	-0.0002	0.986	0.9858	0.0002
2024-01-11T11:27:10	1	0	64	64	0	0.9407	0.9407	0.0000	0.9972	0.9972	0.0000
2024-01-11T11:27:47	2	0	686	682	4	1.0658	1.0657	-0.0001	-0.9993	-0.9994	0.0001
2024-01-11T11:28:08	2	0	28	26	2	1.0543	1.0542	0.0000	-0.9996	-0.9996	0.0000
2024-01-11T11:28:16	2	0	2	2	0	1.0322	1.0292	-0.0030	-0.9949	-0.9949	0.0000
2024-01-11T11:29:18	4	0	15	13	2	1.0540	1.0530	-0.0010	0.972	0.9718	0.0002
2024-01-11T11:29:43	2	0	80	79	1	1.0514	1.0513	-0.0001	0.9908	0.9907	0.0001
2024-01-11T11:29:50	1	0	1	0	1	1.0552	null	null	-0.9888	-0.9888	0.0000
2024-01-11T11:30:16	6	0	3	3	0	1.0148	1.0147	-0.0001	0.9493	0.9185	0.0308
2024-01-11T11:31:36	4	0	25	25	0	1.0450	1.0449	0.0000	0.994	0.9939	0.0001
2024-01-11T11:31:59	1	0	1	0	1	1.0556	null	null	0.9718	0.9717	0.0001
2024-01-11T11:32:22	3	0	11	10	1	1.0167	1.0127	-0.0040	0.9461	0.946	0.0001
2024-01-11T11:33:42	1	0	108	107	1	1.0551	1.0551	0.0000	0.9964	0.9964	0.0000
2024-01-11T11:33:49	2	0	4	4	0	1.0502	1.0502	0.0000	0.9947	0.9947	0.0000
2024-01-11T11:34:16	4	0	2	0	2	1.0475	null	null	0.9796	0.9584	0.0212
2024-01-11T11:34:19	1	0	1	1	0	1.0418	1.0418	0.0000	0.9732	0.9732	0.0000
2024-01-11T11:34:33	2	0	24	24	0	1.0540	1.0539	-0.0001	0.999	0.999	0.0000
2024-01-11T11:35:18	2	0	1	1	0	1.0571	1.0562	-0.0009	0.9989	0.9986	0.0003
2024-01-11T11:35:24	4	0	2	2	0	1.0669	1.0661	-0.0009	0.3937	0.3772	0.0165
2024-01-11T11:35:33	6	0	2	1	1	1.0588	1.0551	-0.0038	-0.9984	-0.9985	0.0001
2024-01-11T11:35:49	3	0	19	18	1	1.0469	1.0464	-0.0005	0.999	0.999	0.0000
2024-01-11T11:36:11	2	0	2	2	0	1.0468	1.0465	-0.0003	0.9999	0.9999	0.0000
2024-01-11T11:36:29	2	0	2	2	0	0.9012	0.9012	0.0000	0.9829	0.9827	0.0002
2024-01-11T11:37:29	3	0	4	4	0	1.0566	1.0566	0.0000	-0.9943	-0.9943	0.0000
2024-01-11T11:38:29	1	0	1	1	0	1.0238	1.0235	-0.0003	0.9945	0.9944	0.0001
2024-01-11T11:39:03	1	0	19	17	2	1.0471	1.0467	-0.0004	0.9984	0.9984	0.0000
2024-01-11T11:39:40	2	0	34	34	0	1.0663	1.0663	0.0000	0.9994	0.9994	0.0000
2024-01-11T11:40:25	2	0	39	38	1	1.0494	1.0492	-0.0002	-0.9966	-0.9966	0.0000
2024-01-11T11:41:03	2	0	11	11	0	1.0510	1.0508	-0.0002	0.9937	0.9936	0.0001
2024-01-11T11:41:12	1	0	2	2	0	1.0516	1.0515	-0.0002	0.9934	0.9932	0.0002
2024-01-11T11:41:26	2	0	56	55	1	1.0505	1.0504	-0.0001	-0.9996	-0.9996	0.0000
2024-01-11T11:42:32	1	0	2	2	0	1.0799	1.0799	0.0000	0.9707	0.9707	0.0000
2024-01-11T11:42:37	1	0	3	3	0	1.0500	1.0500	0.0000	0.9927	0.9926	0.0001
2024-01-11T11:42:39	1	0	9	9	0	1.0477	1.0477	0.0000	0.9815	0.9815	0.0000
2024-01-11T11:43:17	1	0	3	3	0	1.0485	1.0484	0.0000	-0.9921	-0.9921	0.0000
2024-01-11T11:44:45	3	0	5	5	0	0.9702	0.9691	-0.0011	0.9819	0.9817	0.0002
2024-01-11T11:45:37	2	0	44	43	1	1.0557	1.0557	0.0000	0.9691	0.969	0.0001
2024-01-11T11:46:54	2	0	4	3	1	1.0055	1.0255	0.0200	0.9808	0.9806	0.0002
2024-01-11T11:47:23	2	0	27	26	1	1.0571	1.0570	0.0000	0.9551	0.955	0.0001
2024-01-11T11:48:36	1	0	1	2	-1	1.0384	1.0335	-0.0050	-0.9984	-0.9984	0.0000
2024-01-11T11:48:50	1	0	5	5	0	1.0536	1.0536	0.0000	0.9956	0.9956	0.0000
2024-01-11T11:49:17	3	0	2	0	2	1.0470	null	null	0.9804	0.9586	0.0218
2024-01-11T11:50:19	2	0	1	1	0	1.0554	1.0553	-0.0001	0.9994	0.9994	0.0000
2024-01-11T11:50:50	1	0	5	5	0	1.0472	1.0472	0.0000	0.9994	0.9994	0.0000
2024-01-11T11:51:12	1	0	1	1	0	1.0628	1.0628	0.0000	-0.9999	-0.9999	0.0000
2024-01-11T11:52:41	12	0	261	255	6	1.0601	1.0600	-0.0001	-0.9775	-0.9776	0.0001
2024-01-11T11:54:41	2	0	23	23	0	1.0580	1.0580	-0.0001	0.9999	0.9999	0.0000
2024-01-11T11:55:47	2	0	3	4	-1	1.0439	1.0388	-0.0052	0.9854	0.9854	0.0000
2024-01-11T11:57:12	3	0	54	54	0	0.9436	0.9437	0.0002	0.9979	0.9979	0.0000
2024-01-11T11:57:33	1	0	2	2	0	1.0817	1.0817	0.0000	0.9733	0.9733	0.0000
2024-01-11T11:57:38	1	0	3	4	-1	1.0567	1.0563	-0.0004	0.9922	0.9922	0.0000
2024-01-11T11:57:40	1	0	9	9	0	1.0480	1.0480	0.0000	0.9802	0.9803	-0.0001

2024-01-11T11:59:46	3	0	1	1	0	0.9436	0.9436	0.0000	0.9819	0.982	-0.0001
2024-01-11T12:03:51	3	0	99	99	0	1.0591	1.0590	-0.0001	0.9998	0.9998	0.0000
2024-01-11T12:04:49	1	0	24	23	1	1.0507	1.0504	-0.0003	-0.9971	-0.9971	0.0000
2024-01-11T12:05:03	1	0	1	1	0	1.0583	1.0583	0.0000	0.9856	0.9856	0.0000
2024-01-11T12:05:16	1	0	2	2	0	1.0300	1.0299	-0.0002	-1	-1	0.0000
2024-01-11T12:07:16	1	0	1	1	0	1.0643	1.0643	0.0000	0.9944	0.9924	0.0020
2024-01-11T12:08:10	1	0	178	177	1	1.0545	1.0545	0.0000	0.9906	0.9905	0.0001
2024-01-11T12:09:05	3	0	72	71	1	1.0486	1.0485	-0.0002	0.9992	0.9992	0.0000
2024-01-11T12:10:16	6	0	3	3	0	0.9499	0.9502	0.0004	-0.9905	-0.9899	-0.0006
2024-01-11T12:10:27	2	0	71	69	2	1.0526	1.0525	-0.0001	-0.9931	-0.9931	0.0000
2024-01-11T12:12:13	1	0	1	1	0	1.0265	1.0265	0.0000	0.9978	0.9978	0.0000
2024-01-11T12:12:41	1	0	9	9	0	1.0494	1.0494	0.0000	0.9817	0.9818	-0.0001
2024-01-11T12:16:41	3	0	12	10	2	1.0523	1.0513	-0.0009	0.9973	0.9973	0.0000
2024-01-11T12:18:49	1	0	35	34	1	1.0480	1.0478	-0.0002	0.9863	0.9863	0.0000
2024-01-11T12:20:36	4	0	6	4	2	1.0552	1.0533	-0.0020	-0.9965	-0.9966	0.0001
2024-01-11T12:22:23	1	0	1	1	0	1.0095	1.0095	0.0000	0.9705	0.9702	0.0003
2024-01-11T12:24:06	3	0	96	93	3	1.0519	1.0517	-0.0002	0.9994	0.9994	0.0000
2024-01-11T12:27:35	1	0	2	2	0	1.0802	1.0802	0.0000	0.9627	0.9628	-0.0001
2024-01-11T12:28:20	10	0	15	12	3	1.0471	1.0444	-0.0027	-0.9913	-0.9914	0.0001
2024-01-11T12:28:56	2	0	4	4	0	1.0516	1.0515	-0.0001	0.994	0.9939	0.0001
2024-01-11T12:30:20	5	0	5	6	-1	1.0406	1.0397	-0.0008	0.9429	0.9447	-0.0018
2024-01-11T12:31:57	1	0	3	2	1	1.0040	1.0344	0.0305	0.9769	0.977	-0.0001
2024-01-11T12:33:24	2	0	6	5	1	1.0392	1.0353	-0.0039	0.9215	0.9214	0.0001
2024-01-11T12:33:42	1	0	6	5	1	1.0383	1.0368	-0.0015	-0.9974	-0.9974	0.0000
2024-01-11T12:40:18	2	0	1	1	0	0.9430	0.9431	0.0001	-0.9897	-0.9895	-0.0002
2024-01-11T12:50:19	3	0	2	2	0	1.0272	1.0268	-0.0005	-1	-1	0.0000
2024-01-11T12:51:34	1	0	2	3	-1	0.9006	0.9153	0.0147	0.9835	0.9833	0.0002
2024-01-11T12:52:34	3	0	1	1	0	1.0572	1.0572	0.0000	-0.9952	-0.9952	0.0000
2024-01-11T12:59:24	2	0	3	4	-1	1.0525	1.0537	0.0012	0.9746	0.9748	-0.0002
2024-01-11T13:02:39	2	0	1	0	1	1.0552	null	null	0.9688	0.9688	0.0000
2024-01-11T13:04:33	3	0	6	7	-1	0.9966	0.9912	-0.0054	0.9643	0.9644	-0.0001
2024-01-11T13:13:24	1	0	7	7	0	1.0417	1.0413	-0.0003	-0.9906	-0.9907	0.0001
2024-01-11T13:20:21	2	0	12	11	1	0.9498	0.9503	0.0005	1	1	0.0000
2024-01-11T13:20:34	1	0	1	2	-1	1.0775	1.0663	-0.0112	0.3448	0.347	-0.0022
2024-01-11T13:27:14	1	0	80	80	0	1.1367	1.1359	-0.0008	-0.9875	-0.9876	0.0001
2024-01-11T13:43:26	1	0	5	5	0	1.0397	1.0397	0.0000	-0.9922	-0.9923	0.0001
2024-01-11T13:45:25	3	0	69	64	5	1.0597	1.0568	-0.0029	0.9692	0.9418	0.0274
2024-01-11T13:46:47	1	0	12	11	1	1.0523	1.0517	-0.0006	0.997	0.997	0.0000
2024-01-11T13:55:15	2	0	1	1	0	1.0127	1.0121	-0.0006	0.9755	0.9749	0.0006
2024-01-11T13:57:16	1	0	79	79	0	1.1478	1.1475	-0.0003	-0.9882	-0.9883	0.0001
2024-01-11T13:59:30	1	0	15	13	2	1.0535	1.0527	-0.0008	0.9781	0.978	0.0001
2024-01-11T14:02:03	1	0	2	2	0	1.0204	1.0203	-0.0001	0.9755	0.9754	0.0001
2024-01-11T14:03:23	3	0	21	20	1	1.0557	1.0557	0.0001	0.9994	0.9994	0.0000
2024-01-11T14:04:43	2	0	5	6	-1	1.0524	1.0529	0.0005	0.9954	0.9954	0.0000
2024-01-11T14:06:35	6	0	3	4	-1	1.0529	1.0539	0.0010	0.9905	0.9904	0.0001
2024-01-11T14:12:47	1	0	49	48	1	1.0541	1.0540	0.0000	0.9981	0.9987	-0.0006
2024-01-11T14:13:19	1	0	42	42	0	1.0572	1.0572	0.0000	-0.997	-0.997	0.0000
2024-01-11T14:14:03	3	0	2	2	0	1.0576	1.0571	-0.0005	0.9954	0.9953	0.0001
2024-01-11T14:14:55	6	0	7	7	0	0.9776	0.9770	-0.0006	0.9808	0.9805	0.0003
2024-01-11T14:16:59	1	0	793	793	0	1.0763	1.0763	0.0000	-1	-1	0.0000
2024-01-11T14:17:59	1	0	202	200	2	1.0584	1.0584	0.0000	-0.9548	-0.9547	-0.0001
2024-01-11T14:19:27	5	0	12	11	1	1.0484	1.0486	0.0002	0.9836	0.9835	0.0001
2024-01-11T14:20:38	1	0	2	2	0	1.0689	1.0685	-0.0004	0.9239	0.9192	0.0047
2024-01-11T14:24:51	2	0	2	2	0	1.0307	1.0305	-0.0002	0.9974	0.9974	0.0000
2024-01-11T14:25:25	1	0	1	1	0	1.0237	1.0234	-0.0003	-0.9896	-0.9897	0.0001
2024-01-11T14:27:00	4	0	2	2	0	0.9971	0.9975	0.0005	-0.9781	-0.9777	-0.0004
2024-01-11T14:28:23	2	0	56	56	0	0.9439	0.9439	0.0000	0.9925	0.9925	0.0000
2024-01-11T14:29:21	1	0	1	1	0	1.0321	1.0315	-0.0006	0.9831	0.983	0.0001
2024-01-11T14:29:56	9	0	6	6	0	0.9705	0.9700	-0.0006	0.9812	0.9808	0.0004
2024-01-11T14:30:31	2	0	22	16	6	1.0534	1.0520	-0.0014	0.9458	0.946	-0.0002
2024-01-11T14:32:00	1	0	799	799	0	1.0760	1.0760	0.0000	-1	-1	0.0000
2024-01-11T14:33:00	1	0	336	336	0	1.0645	1.0645	0.0000	-0.9443	-0.9442	-0.0001
2024-01-11T14:33:15	1	0	21	21	0	1.0541	1.0540	-0.0001	-0.9934	-0.9973	0.0039
2024-01-11T14:33:45	3	0	29	29	0	1.0505	1.0504	-0.0001	0.997	0.9975	-0.0005
2024-01-11T14:34:28	4	0	14	14	0	1.0485	1.0484	-0.0001	0.9851	0.9849	0.0002
2024-01-11T14:34:45	1	0	6	6	0	1.0532	1.0531	0.0000	0.9944	0.9943	0.0001
2024-01-11T14:35:39	3	0	2	2	0	1.0669	1.0668	-0.0001	0.9841	0.9833	0.0008
2024-01-11T14:36:23	2	0	16	16	0	1.0476	1.0474	-0.0002	-0.9994	-0.9994	0.0000
2024-01-11T14:36:37	3	0	3	3	0	1.0528	1.0523	-0.0006	0.9893	0.9893	0.0000
2024-01-11T14:36:41	1	0	3	3	0	0.9168	0.9169	0.0001	0.9855	0.9856	-0.0001
2024-01-11T14:36:48	2	0	193	189	4	1.0612	1.0607	-0.0005	0.9608	0.96	0.0008
2024-01-11T14:37:55	1	0	8	8	0	1.0355	1.0355	0.0000	0.9997	0.9997	0.0000
2024-01-11T14:39:06	1	0	6	6	0	1.0468	1.0467	-0.0001	0.9738	0.9733	0.0005
2024-01-11T14:41:15	1	0	10	10	0	1.0537	1.0537	-0.0001	0.9877	0.9876	0.0001
2024-01-11T14:41:27	2	0	6	5	1	1.0529	1.0513	-0.0017	0.9876	0.9873	0.0003
2024-01-11T14:42:01	3	0	1	1	0	0.9935	0.9936	0.0001	-0.9771	-0.977	-0.0001
2024-01-11T14:42:23	1	0	2	2	0	1.0092	1.0089	-0.0004	0.9984	0.9983	0.0001
2024-01-11T14:42:28	3	0	383	335	48	1.0629	1.0630	0.0001	0.999	0.9989	0.0001
2024-01-11T14:43:24	2	0	18	18	0	0.9544	0.9544	0.0000	0.9921	0.9921	0.0000
2024-01-11T14:44:15	1	0	2	2	0	1.0390	1.0390	0.0000	-0.9992	-0.9992	0.0000
2024-01-11T14:44:33	1	0	8	8	0	1.0522	1.0521	-0.0001	0.9794	0.9793	0.0001
2024-01-11T14:44:57	9	0	6	6	0	0.9745	0.9744	-0.0001	0.9791	0.9791	0.0000
2024-01-11T14:45:36	1	0	12	12	0	1.0432	1.0432	-0.0001	-0.993	-0.993	0.0000
2024-01-11T14:46:51	1	0	9	9	0	1.0504	1.0504	0.0000	0.9979	0.9978	0.0001
2024-01-11T14:47:01	1	0	64	64	0	1.0561	1.0560	0.0000	0.9789	0.9789	0.0000

2024-01-11T14:47:46	1	0	5	4	1	1.0523	1.0508	-0.0015	0.9796	0.9795	0.0001
2024-01-11T14:48:51	1	0	2	2	0	1.0329	1.0326	-0.0003	-0.9998	-0.9998	0.0000
2024-01-11T14:53:42	3	0	1	1	0	1.0455	1.0450	-0.0005	-0.9991	-0.9992	0.0001
2024-01-11T14:54:16	6	0	172	167	5	1.0535	1.0534	-0.0001	0.9999	0.9999	0.0000
2024-01-11T14:55:29	3	0	4	4	0	0.9465	0.9472	0.0008	-0.9926	-0.9923	-0.0003
2024-01-11T14:57:45	1	0	4	4	0	1.0399	1.0397	-0.0002	0.9717	0.9715	0.0002
2024-01-11T15:03:28	2	0	20	18	2	1.0543	1.0550	0.0007	0.9976	0.9976	0.0000
2024-01-11T15:05:49	3	0	225	222	3	1.0541	1.0540	0.0000	-0.9993	-0.9993	0.0000
2024-01-11T15:06:43	2	0	51	50	1	0.9300	0.9301	0.0001	0.9768	0.9771	-0.0003
2024-01-11T15:10:30	1	0	1	1	0	1.0201	1.0192	-0.0009	-0.9937	-0.9915	-0.0022
2024-01-11T15:20:50	4	0	240	235	5	1.0544	1.0543	0.0000	-0.9992	-0.9992	0.0000
2024-01-11T15:25:06	1	0	4	4	0	1.0401	1.0401	-0.0001	0.9973	0.9973	0.0000
2024-01-11T15:28:33	1	0	2	2	0	1.0268	1.0266	-0.0002	-0.9918	-0.9918	0.0000
2024-01-11T15:51:25	2	0	18	17	1	1.0511	1.0508	-0.0003	0.9995	0.9995	0.0000
2024-01-11T15:52:48	1	0	1	1	0	1.0169	1.0168	-0.0001	0.989	0.989	0.0000
2024-01-11T15:52:59	1	0	108	108	0	0.9211	0.9212	0.0001	0.9807	0.9801	0.0006
2024-01-11T15:56:08	2	0	3	2	1	0.9523	0.9575	0.0052	0.9876	0.9878	-0.0002
2024-01-11T15:56:15	1	0	15	15	0	1.0471	1.0471	0.0000	0.9879	0.9879	0.0000
2024-01-11T16:00:19	1	0	26	26	0	1.0473	1.0473	0.0000	-0.991	-0.991	0.0000
2024-01-11T16:00:25	1	0	16	16	0	1.0494	1.0494	0.0000	0.9973	0.9973	0.0000
2024-01-11T16:02:21	2	0	1	1	0	0.9910	0.9918	0.0008	-0.9819	-0.9813	-0.0006
2024-01-11T16:02:34	1	0	56	56	0	0.9358	0.9358	0.0000	0.9926	0.9926	0.0000
2024-01-11T16:03:04	2	0	4	4	0	1.0237	1.0237	0.0000	0.9971	0.9971	0.0000
2024-01-11T16:10:43	1	0	28	27	1	1.0487	1.0484	-0.0003	0.9999	0.9999	0.0000
2024-01-11T16:11:23	1	0	1	1	0	1.0366	1.0365	-0.0001	0.9985	0.9985	0.0000
2024-01-11T16:12:08	1	0	4	4	0	1.0202	1.0201	-0.0001	0.9768	0.9767	0.0001
2024-01-11T16:13:39	2	0	2	2	0	0.9439	0.9443	0.0003	0.9972	0.9972	0.0000
2024-01-11T16:13:41	1	0	117	115	2	1.0515	1.0514	0.0000	-0.9991	-0.9991	0.0000
2024-01-11T16:17:04	1	0	6	6	0	1.0364	1.0364	0.0000	-1	-1	0.0000
2024-01-11T16:19:32	1	0	9	6	3	1.0457	1.0455	-0.0002	-0.9949	-0.9928	-0.0021
2024-01-11T16:26:43	3	0	38	33	5	0.9446	0.9429	-0.0018	-0.992	-0.992	0.0000
2024-01-11T16:30:27	1	0	14	14	0	1.0489	1.0489	0.0000	0.9973	0.9973	0.0000
2024-01-11T16:31:15	1	0	1	1	0	1.0159	1.0155	-0.0004	0.9856	0.9855	0.0001
2024-01-11T16:33:21	2	0	1	1	0	1.0034	1.0031	-0.0003	0.9767	0.9766	0.0001
2024-01-11T16:34:33	1	0	9	9	0	1.0463	1.0460	-0.0003	-0.9955	-0.9956	0.0001
2024-01-11T16:37:55	1	0	2	2	0	0.9884	0.9884	0.0001	0.9818	0.9819	-0.0001
2024-01-11T16:45:28	1	0	11	11	0	1.0480	1.0480	0.0000	0.9967	0.9965	0.0002
2024-01-11T16:49:23	1	0	10	4	6	0.9439	0.9445	0.0006	0.9842	0.9847	-0.0005
2024-01-11T16:49:34	1	0	4	4	0	1.0457	1.0454	-0.0004	-0.9973	-0.9985	0.0012
2024-01-11T16:52:56	1	0	2	2	0	0.9888	0.9888	0.0000	0.982	0.982	0.0000
2024-01-11T17:00:53	1	0	11	12	-1	0.9431	0.9433	0.0002	0.9719	0.9719	0.0000
2024-01-11T17:04:35	1	0	2	2	0	1.0457	1.0453	-0.0004	-0.9971	-0.997	-0.0001
2024-01-11T17:06:13	1	0	42	41	1	0.9399	0.9400	0.0002	-0.991	-0.9909	-0.0001
2024-01-11T17:22:53	1	0	3	3	0	0.9534	0.9538	0.0004	0.9875	0.9876	-0.0001
2024-01-11T17:55:52	2	0	115	114	1	0.9344	0.9347	0.0003	0.9998	0.9998	0.0000
2024-01-12T07:51:11	2	0	60	58	2	0.9407	0.9407	0.0000	0.9844	0.9842	0.0002
2024-01-12T07:51:15	1	0	125	125	0	0.9168	0.9169	0.0001	0.9858	0.9858	0.0000
2024-01-12T07:54:59	1	0	58	58	0	0.9402	0.9402	0.0001	-0.9938	-0.9934	-0.0004
2024-01-12T07:56:56	2	0	219	219	0	0.9331	0.9331	0.0001	0.995	0.995	0.0000
2024-01-12T08:01:18	3	0	79	79	0	0.9303	0.9304	0.0001	0.9964	0.9862	0.0102
2024-01-12T08:06:16	1	0	116	115	1	0.9170	0.9170	0.0000	0.9877	0.9875	0.0002
2024-01-12T08:09:02	2	0	87	85	2	0.9402	0.9403	0.0000	0.9999	1	-0.0001
2024-01-12T08:14:31	1	0	155	155	0	1.0535	1.0535	0.0000	-1	-1	0.0000
2024-01-12T08:16:35	2	0	800	800	0	1.0785	1.0785	0.0000	0.9995	0.9995	0.0000
2024-01-12T08:17:37	1	0	293	293	0	1.0687	1.0687	0.0000	-0.918	-0.9178	-0.0002
2024-01-12T08:24:03	2	0	126	126	0	0.9300	0.9301	0.0001	1	0.9999	0.0001
2024-01-12T08:28:48	1	0	20	21	-1	1.0519	1.0520	0.0001	0.9995	0.9991	0.0004
2024-01-12T08:31:04	1	0	4	4	0	0.9811	0.9813	0.0002	0.9823	0.9827	-0.0004
2024-01-12T08:31:42	5	0	165	162	3	1.0555	1.0554	0.0000	0.9827	0.9826	0.0001
2024-01-12T08:36:10	1	0	1	1	0	0.9378	0.9381	0.0003	-0.9989	-0.9988	-0.0001
2024-01-12T08:46:21	1	0	55	55	0	0.9366	0.9367	0.0000	0.9918	0.9918	0.0000
2024-01-12T08:47:12	2	0	79	77	2	1.0537	1.0536	-0.0001	0.9607	0.9605	0.0002
2024-01-12T08:57:40	1	0	312	312	0	1.0597	1.0597	0.0000	0.9983	0.9983	0.0000
2024-01-12T08:58:05	1	0	4	4	0	0.9656	0.9656	-0.0001	-0.9999	-0.9999	0.0000
2024-01-12T09:01:38	2	0	795	795	0	1.0769	1.0769	0.0000	0.9999	0.9999	0.0000
2024-01-12T09:04:51	1	0	40	40	0	1.0499	1.0499	0.0000	-0.9994	-0.9994	0.0000
2024-01-12T09:06:12	1	0	1	1	0	0.9438	0.9443	0.0005	-0.9993	-0.9993	0.0000
2024-01-12T09:06:20	2	0	16	13	3	0.9347	0.9351	0.0004	0.9946	0.9925	0.0021
2024-01-12T09:09:06	2	0	48	39	9	0.9426	0.9428	0.0002	0.9999	0.9999	0.0000
2024-01-12T09:10:04	1	0	72	70	2	0.9403	0.9404	0.0001	-0.9942	-0.9939	-0.0003
2024-01-12T09:12:08	2	0	68	67	1	1.0564	1.0563	-0.0002	0.997	0.997	0.0000
2024-01-12T09:12:41	2	0	305	304	1	1.0595	1.0595	0.0000	0.9962	0.9975	-0.0013
2024-01-12T09:14:38	3	0	1	1	0	1.0144	1.0132	-0.0012	0.9899	0.9898	0.0001
2024-01-12T09:17:14	2	0	69	68	1	1.0038	1.0037	-0.0001	0.9476	0.9475	0.0001
2024-01-12T09:19:45	3	0	182	166	16	1.0563	1.0561	-0.0002	0.9873	0.9871	0.0002
2024-01-12T09:21:33	1	0	80	80	0	0.9184	0.9184	0.0000	0.9913	0.9913	0.0000
2024-01-12T09:23:46	2	0	8	8	0	1.0523	1.0520	-0.0003	0.9785	0.9781	0.0004
2024-01-12T09:28:07	2	0	2	2	0	1.0328	1.0324	-0.0005	-0.9998	-0.9998	0.0000
2024-01-12T09:28:26	1	0	4	4	0	1.0476	1.0475	-0.0001	-0.9937	-0.9937	0.0000
2024-01-12T09:30:27	5	0	7	7	0	1.0326	1.0326	0.0000	-0.9992	-0.9993	0.0001
2024-01-12T09:34:09	1	0	2	2	0	1.0466	1.0466	0.0000	0.9817	0.9818	-0.0001
2024-01-12T09:34:53	6	0	10	10	0	1.0463	1.0462	-0.0001	0.9973	0.9972	0.0001
2024-01-12T09:36:18	3	0	2	2	0	1.0328	1.0321	-0.0006	0.9838	0.9838	0.0000
2024-01-12T09:36:34	2	0	73	73	0	0.9201	0.9203	0.0001	0.995	0.995	0.0000
2024-01-12T09:42:43	4	0	424	416	8	1.0625	1.0625	0.0000	0.9954	0.9954	0.0000

2024-01-12T09:43:27	2	0	4	4	0	1.0464	1.0462	-0.0002	-0.9929	-0.9931	0.0002
2024-01-12T09:45:07	2	0	2	2	0	1.0067	1.0071	0.0005	0.9968	0.9968	0.0000
2024-01-12T09:45:10	8	0	9	10	-1	1.0410	1.0425	0.0015	0.9912	0.9916	-0.0004
2024-01-12T09:45:49	1	0	1	1	0	0.9939	0.9943	0.0004	-0.9871	-0.987	-0.0001
2024-01-12T09:48:00	1	0	6	5	1	1.0436	1.0428	-0.0008	-0.9854	-0.9859	0.0005
2024-01-12T09:48:06	1	0	3	3	0	1.0476	1.0475	-0.0001	0.9957	0.9956	0.0001
2024-01-12T09:48:23	2	0	27	26	1	1.0473	1.0468	-0.0005	0.9998	0.9998	0.0000
2024-01-12T09:49:54	7	0	13	10	3	1.0505	1.0504	-0.0001	0.9977	0.9971	0.0006
2024-01-12T09:51:50	2	0	3	3	0	1.0330	1.0326	-0.0004	0.9928	0.9927	0.0001
2024-01-12T09:52:35	1	0	145	144	1	1.0578	1.0578	0.0000	-0.9883	-0.9882	-0.0001
2024-01-12T09:57:04	2	0	35	32	3	0.9469	0.9475	0.0005	0.9973	0.9973	0.0000
2024-01-12T09:57:27	1	0	44	44	0	1.0524	1.0523	-0.0001	-0.9987	-0.9982	-0.0005
2024-01-12T09:57:47	2	0	1	1	0	1.0052	1.0047	-0.0005	1	1	0.0000
2024-01-12T09:58:29	1	0	5	5	0	1.0489	1.0488	-0.0001	-0.9945	-0.9945	0.0000
2024-01-12T09:59:12	1	0	13	12	1	1.0524	1.0521	-0.0003	0.9763	0.9763	0.0000
2024-01-12T09:59:43	1	0	4	4	0	1.0356	1.0355	-0.0001	0.9975	0.9975	0.0000
2024-01-12T09:59:57	2	0	26	26	0	1.0490	1.0489	-0.0001	0.9983	0.9983	0.0000
2024-01-12T10:01:20	1	0	52	51	1	1.0521	1.0520	-0.0001	-0.9807	-0.9807	0.0000
2024-01-12T10:01:26	4	0	5	5	0	0.9423	0.9433	0.0009	0.9949	0.995	-0.0001
2024-01-12T10:01:36	5	0	94	88	6	1.0498	1.0494	-0.0004	0.9924	0.9923	0.0001
2024-01-12T10:01:48	6	0	133	122	11	1.0552	1.0551	-0.0001	0.9783	0.9781	0.0002
2024-01-12T10:01:53	3	0	4	4	0	1.0365	1.0364	-0.0001	0.9807	0.9806	0.0001
2024-01-12T10:03:01	1	0	13	13	0	1.0473	1.0470	-0.0003	-0.9828	-0.9832	0.0004
2024-01-12T10:03:32	1	0	52	50	2	1.0529	1.0527	-0.0002	0.9959	0.9958	0.0001
2024-01-12T10:04:24	3	0	4	4	0	1.0336	1.0333	-0.0003	0.9994	0.9993	0.0001
2024-01-12T10:07:36	2	0	144	142	2	1.0578	1.0577	0.0000	-0.9913	-0.9913	0.0000
2024-01-12T10:07:38	5	0	18	18	0	1.0345	1.0343	-0.0002	0.999	0.999	0.0000
2024-01-12T10:11:12	3	0	34	32	2	1.0545	1.0543	-0.0002	1	1	0.0000
2024-01-12T10:13:47	2	0	20	20	0	1.0470	1.0469	-0.0001	-0.9996	-0.9997	0.0001
2024-01-12T10:13:55	4	0	19	18	1	1.0502	1.0504	0.0001	0.9997	0.9997	0.0000
2024-01-12T10:14:40	1	0	56	55	1	1.0501	1.0500	-0.0001	0.9911	0.9911	0.0000
2024-01-12T10:15:12	5	0	7	8	-1	1.0471	1.0364	-0.0107	0.9893	0.9881	0.0012
2024-01-12T10:15:30	2	0	3	3	0	1.0211	1.0208	-0.0003	0.9985	0.9985	0.0000
2024-01-12T10:16:21	1	0	73	69	4	1.0534	1.0532	-0.0002	-0.9793	-0.9793	0.0000
2024-01-12T10:16:37	3	0	59	56	3	1.0531	1.0529	-0.0002	0.9848	0.9847	0.0001
2024-01-12T10:16:49	2	0	93	92	1	1.0542	1.0542	0.0000	0.9798	0.9798	0.0000
2024-01-12T10:19:43	1	0	2	2	0	1.0365	1.0362	-0.0003	1	1	0.0000
2024-01-12T10:19:49	2	0	39	35	4	1.0557	1.0549	-0.0008	0.9689	0.9586	0.0103
2024-01-12T10:19:56	5	0	12	12	0	1.0480	1.0476	-0.0004	0.9977	0.9976	0.0001
2024-01-12T10:21:44	1	0	71	71	0	0.9258	0.9257	0.0000	0.9929	0.9929	0.0000
2024-01-12T10:22:39	1	0	14	14	0	1.0330	1.0330	0.0000	0.9988	0.9989	-0.0001
2024-01-12T10:26:13	2	0	38	37	1	1.0558	1.0557	-0.0001	-1	-1	0.0000
2024-01-12T10:27:36	1	0	11	11	0	1.0451	1.0451	-0.0001	0.9917	0.9916	0.0001
2024-01-12T10:28:19	2	0	29	29	0	0.9484	0.9484	0.0000	0.9916	0.9916	0.0000
2024-01-12T10:29:41	1	0	74	73	1	1.0496	1.0495	-0.0001	0.9899	0.9899	0.0000
2024-01-12T10:29:45	2	0	2	1	1	1.0507	1.0422	-0.0085	0.9887	0.9887	0.0000
2024-01-12T10:30:31	1	0	4	4	0	1.0232	1.0228	-0.0003	0.9988	0.9988	0.0000
2024-01-12T10:30:52	1	0	1	0	1	0.9961	null	null	-0.9856	-0.9855	-0.0001
2024-01-12T10:31:22	1	0	69	66	3	1.0535	1.0534	-0.0001	-0.9799	-0.9799	0.0000
2024-01-12T10:31:38	2	0	95	92	3	1.0559	1.0559	0.0000	0.9861	0.9861	0.0000
2024-01-12T10:33:13	1	0	1	1	0	1.0201	1.0198	-0.0003	0.99	0.9899	0.0001
2024-01-12T10:33:26	4	0	7	7	0	1.0400	1.0397	-0.0003	0.9939	0.9938	0.0001
2024-01-12T10:34:13	4	0	6	6	0	1.0468	1.0463	-0.0005	0.9813	0.9808	0.0005
2024-01-12T10:34:31	1	0	2	2	0	1.0056	1.0054	-0.0003	0.9971	0.9971	0.0000
2024-01-12T10:34:35	3	0	4	2	2	0.9430	0.9430	0.0000	-0.9883	-0.9874	-0.0009
2024-01-12T10:34:36	1	0	438	436	2	1.0573	1.0573	0.0000	0.9944	0.9943	0.0001
2024-01-12T10:34:57	4	0	58	52	6	0.9363	0.9368	0.0005	0.9973	0.9974	-0.0001
2024-01-12T10:36:22	1	0	1	1	0	1.0333	1.0329	-0.0004	0.9787	0.9786	0.0001
2024-01-12T10:36:53	2	0	40	40	0	1.0480	1.0480	0.0000	0.993	0.9929	0.0001
2024-01-12T10:37:38	1	0	152	150	2	1.0576	1.0576	0.0000	-0.9905	-0.9905	0.0000
2024-01-12T10:39:49	1	0	8	8	0	1.0485	1.0484	-0.0002	0.9966	0.9966	0.0000
2024-01-12T10:40:10	3	0	26	21	5	0.9439	0.9441	0.0002	-0.994	-0.9933	-0.0007
2024-01-12T10:42:06	1	0	1	0	1	1.0561	null	null	-0.9864	-0.9865	0.0001
2024-01-12T10:42:14	1	0	29	29	0	1.0499	1.0499	0.0000	0.9918	0.992	-0.0002
2024-01-12T10:43:07	1	0	6	6	0	1.0483	1.0481	-0.0002	0.9793	0.9754	0.0039
2024-01-12T10:44:42	2	0	104	103	1	1.0502	1.0501	-0.0001	0.9915	0.9915	0.0000
2024-01-12T10:44:46	1	0	2	1	1	1.0497	1.0402	-0.0095	0.9883	0.9883	0.0000
2024-01-12T10:46:29	3	0	54	51	3	0.9394	0.9397	0.0003	0.9999	0.9943	0.0056
2024-01-12T10:46:54	1	0	1	1	0	1.0563	1.0553	-0.0010	0.9689	0.9688	0.0001
2024-01-12T10:48:04	1	0	6	6	0	1.0477	1.0470	-0.0007	-0.9892	-0.9897	0.0005
2024-01-12T10:48:23	1	0	10	10	0	1.0381	1.0381	0.0000	-0.9979	-0.9979	0.0000
2024-01-12T10:48:25	1	0	2	2	0	1.0338	1.0336	-0.0002	-0.9999	-0.9999	0.0000
2024-01-12T10:48:27	1	0	6	6	0	1.0394	1.0393	-0.0001	0.9942	0.9942	0.0000
2024-01-12T10:49:32	1	0	3	3	0	1.0521	1.0520	-0.0001	0.9988	0.9987	0.0001
2024-01-12T10:49:51	1	0	104	101	3	1.0563	1.0563	0.0000	0.9572	0.9572	0.0000
2024-01-12T10:49:57	1	0	6	6	0	1.0475	1.0470	-0.0005	0.9867	0.9867	0.0000
2024-01-12T10:49:58	2	0	21	18	3	1.0537	1.0527	-0.0010	0.9973	0.9973	0.0000
2024-01-12T10:50:46	2	0	5	5	0	1.0425	1.0424	-0.0001	0.9938	0.9938	0.0000
2024-01-12T10:52:11	1	0	1	1	0	1.0579	1.0575	-0.0004	0.9843	0.9841	0.0002
2024-01-12T10:52:39	1	0	162	160	2	1.0578	1.0578	0.0000	-0.9898	-0.9898	0.0000
2024-01-12T10:54:13	3	0	4	3	1	1.0511	1.0491	-0.0021	0.9999	0.9999	0.0000
2024-01-12T10:55:06	2	0	1	0	1	1.0090	null	null	1	1	0.0000
2024-01-12T10:55:11	1	0	24	24	0	0.9462	0.9466	0.0003	-0.9949	-0.9948	-0.0001
2024-01-12T10:55:39	1	0	1	1	0	1.0574	1.0570	-0.0004	0.9943	0.9942	0.0001
2024-01-12T10:57:07	1	0	3	2	1	1.0533	1.0505	-0.0028	-0.9749	-0.9751	0.0002

2024-01-12T10:59:16	4	0	25	24	1	1.0549	1.0548	-0.0001	0.9746	0.9746	0.0000
2024-01-12T11:00:01	1	0	18	18	0	1.0488	1.0487	-0.0001	0.9891	0.989	0.0001
2024-01-12T11:00:15	2	0	51	42	9	1.0554	1.0546	-0.0009	0.9897	0.9898	-0.0001
2024-01-12T11:01:40	4	0	107	99	8	1.0571	1.0569	-0.0002	0.9857	0.9856	0.0001
2024-01-12T11:03:03	2	0	2	2	0	1.0579	1.0568	-0.0011	0.973	0.9726	0.0004
2024-01-12T11:03:11	2	0	11	12	-1	1.0545	1.0545	0.0000	0.9977	0.9976	0.0001
2024-01-12T11:03:15	1	0	1	1	0	1.0392	1.0388	-0.0004	0.9874	0.9874	0.0000
2024-01-12T11:03:27	1	0	2	2	0	1.0327	1.0326	-0.0001	-1	-1	0.0000
2024-01-12T11:03:30	1	0	8	8	0	1.0394	1.0392	-0.0001	0.994	0.994	0.0000
2024-01-12T11:03:36	1	0	30	29	1	1.0513	1.0511	-0.0002	0.9964	0.9964	0.0000
2024-01-12T11:03:48	1	0	1	0	1	1.0572	null	null	0.9946	0.9946	0.0000
2024-01-12T11:06:44	2	0	36	35	1	1.0484	1.0484	0.0000	-0.993	-0.993	0.0000
2024-01-12T11:07:12	1	0	2	2	0	1.0502	1.0501	-0.0002	0.9842	0.9841	0.0001
2024-01-12T11:08:53	1	0	6	6	0	1.0519	1.0518	-0.0001	0.9833	0.9735	0.0098
2024-01-12T11:10:07	1	0	1	1	0	1.0061	1.0052	-0.0009	1	1	0.0000
2024-01-12T11:10:12	2	0	2	1	1	0.9851	0.9430	-0.0421	-0.9926	-0.9935	0.0009
2024-01-12T11:11:12	1	0	1	1	0	1.0579	1.0569	-0.0010	-0.9993	-0.9993	0.0000
2024-01-12T11:12:16	2	0	102	96	6	1.0570	1.0571	0.0001	0.9971	0.9971	0.0000
2024-01-12T11:14:48	1	0	2	2	0	1.0498	1.0488	-0.0010	0.989	0.989	0.0000
2024-01-12T11:15:16	1	0	8	9	-1	1.0347	1.0358	0.0011	0.9873	0.9865	0.0008
2024-01-12T11:15:38	3	0	22	19	3	1.0554	1.0553	-0.0001	0.9641	0.9631	0.0010
2024-01-12T11:15:55	1	0	2	2	0	1.0285	1.0286	0.0001	-0.9829	-0.9828	-0.0001
2024-01-12T11:16:41	1	0	129	128	1	1.0580	1.0580	0.0000	0.9837	0.9838	-0.0001
2024-01-12T11:16:54	1	0	186	185	1	1.0556	1.0556	0.0000	0.9796	0.9796	0.0000
2024-01-12T11:17:22	1	0	13	13	0	1.0227	1.0228	0.0001	0.9631	0.963	0.0001
2024-01-12T11:17:26	1	0	1	1	0	1.0576	1.0572	-0.0004	0.9337	0.9335	0.0002
2024-01-12T11:18:06	2	0	26	25	1	1.0492	1.0492	0.0000	1	1	0.0000
2024-01-12T11:19:53	1	0	62	62	0	1.0560	1.0559	-0.0001	0.9564	0.9562	0.0002
2024-01-12T11:21:48	3	0	74	74	0	0.9536	0.9535	-0.0001	0.9946	0.9944	0.0002
2024-01-12T11:22:23	1	0	25	24	1	1.0499	1.0496	-0.0003	0.9988	0.9988	0.0000
2024-01-12T11:23:27	4	0	1	0	1	1.0553	null	null	-1	-1	0.0000
2024-01-12T11:25:13	2	0	8	7	1	0.9469	0.9477	0.0008	-0.9951	-0.9944	-0.0007
2024-01-12T11:28:10	2	0	8	8	0	1.0443	1.0442	0.0000	0.9749	0.9748	0.0001
2024-01-12T11:28:35	3	0	8	8	0	1.0508	1.0507	-0.0001	-0.991	-0.9911	0.0001
2024-01-12T11:28:52	1	0	22	22	0	1.0475	1.0475	0.0000	-0.9978	-0.9978	0.0000
2024-01-12T11:30:35	7	0	3	3	0	1.0295	1.0296	0.0000	0.9995	0.9995	0.0000
2024-01-12T11:30:56	1	0	1	2	-1	1.0616	1.0300	-0.0315	-0.9808	-0.9826	0.0018
2024-01-12T11:33:05	6	0	9	8	1	1.0469	1.0448	-0.0021	0.9681	0.9674	0.0007
2024-01-12T11:33:28	1	0	1	1	0	1.0390	1.0390	0.0000	-0.9993	-0.9993	0.0000
2024-01-12T11:34:50	2	0	3	3	0	1.0405	1.0400	-0.0005	0.9996	0.9995	0.0001
2024-01-12T11:35:23	2	0	2	2	0	1.0656	1.0648	-0.0009	0.9957	0.9945	0.0012
2024-01-12T11:35:49	1	0	1	1	0	1.0363	1.0363	0.0000	0.9934	0.9936	-0.0002
2024-01-12T11:36:36	1	0	24	23	1	1.0516	1.0514	-0.0002	1	1	0.0000
2024-01-12T11:36:46	1	0	17	17	0	1.0463	1.0463	0.0000	-0.9978	-0.9978	0.0000
2024-01-12T11:37:04	4	0	7	6	1	1.0495	1.0499	0.0004	0.9924	0.9922	0.0002
2024-01-12T11:40:14	3	0	28	28	0	0.9519	0.9518	-0.0001	-0.9921	-0.9923	0.0002
2024-01-12T11:41:16	2	0	1	1	0	1.0576	1.0566	-0.0010	0.9855	0.9853	0.0002
2024-01-12T11:42:10	1	0	2	2	0	1.0526	1.0526	0.0000	-0.9911	-0.9911	0.0000
2024-01-12T11:42:18	4	0	195	194	1	1.0594	1.0592	-0.0002	0.9964	0.9965	-0.0001
2024-01-12T11:42:32	1	0	6	6	0	1.0505	1.0504	-0.0002	0.9766	0.9764	0.0002
2024-01-12T11:43:53	2	0	29	28	1	1.0490	1.0488	-0.0002	-0.9981	-0.9981	0.0000
2024-01-12T11:45:18	4	0	14	14	0	1.0550	1.0550	0.0000	0.9883	0.9883	0.0000
2024-01-12T11:45:57	2	0	2	2	0	1.0428	1.0426	-0.0002	-0.9804	-0.9805	0.0001
2024-01-12T11:48:06	4	0	6	5	1	1.0200	1.0122	-0.0078	0.9532	0.9537	-0.0005
2024-01-12T11:49:18	4	0	5	6	-1	1.0463	1.0463	0.0000	0.9819	0.9821	-0.0002
2024-01-12T11:50:50	1	0	2	3	-1	1.0428	1.0393	-0.0035	0.995	0.995	0.0000
2024-01-12T11:52:15	1	0	1	1	0	1.0621	1.0621	0.0000	0.987	0.987	0.0000
2024-01-12T11:52:25	2	0	34	32	2	1.0500	1.0497	-0.0004	0.9988	0.9988	0.0000
2024-01-12T11:52:28	1	0	26	25	1	1.0479	1.0476	-0.0003	0.9948	0.9948	0.0000
2024-01-12T11:52:43	6	0	199	194	5	1.0589	1.0589	0.0000	-0.9827	-0.9827	0.0000
2024-01-12T11:53:56	2	0	143	13	130	1.0578	1.0516	-0.0062	0.9892	0.9596	0.0296
2024-01-12T11:55:15	2	0	3	4	-1	1.0307	1.0086	-0.0221	-0.9884	-0.9892	0.0008
2024-01-12T11:58:37	3	0	8	9	-1	1.0557	1.0558	0.0001	-0.9906	-0.9903	-0.0003
2024-01-12T11:58:54	1	0	39	38	1	1.0509	1.0507	-0.0002	-0.9969	-0.9969	0.0000
2024-01-12T12:03:52	1	0	7	6	1	1.0525	1.0511	-0.0015	0.9919	0.9918	0.0001
2024-01-12T12:05:02	1	0	1	1	0	1.0601	1.0601	0.0000	0.9888	0.9888	0.0000
2024-01-12T12:05:51	1	0	13	13	0	1.0461	1.0461	0.0000	0.9985	0.9985	0.0000
2024-01-12T12:07:27	3	0	63	62	1	1.0494	1.0492	-0.0002	0.9992	0.9992	0.0000
2024-01-12T12:07:44	7	0	257	254	3	1.0605	1.0605	0.0000	-0.9795	-0.9795	0.0000
2024-01-12T12:10:16	1	0	7	7	0	0.9941	0.9942	0.0001	-0.9878	-0.9877	-0.0001
2024-01-12T12:11:18	1	0	2	2	0	1.0343	1.0343	0.0000	0.9797	0.9798	-0.0001
2024-01-12T12:12:12	1	0	13	12	1	1.0501	1.0493	-0.0008	-0.9835	-0.9835	0.0000
2024-01-12T12:12:34	1	0	13	13	0	1.0417	1.0418	0.0000	0.9621	0.9622	-0.0001
2024-01-12T12:15:20	3	0	23	17	6	0.9832	0.9971	0.0139	0.9886	0.9889	-0.0003
2024-01-12T12:26:25	1	0	4	3	1	1.0529	1.0502	-0.0027	0.9353	0.9351	0.0002
2024-01-12T12:28:14	2	0	2	2	0	1.0454	1.0454	0.0000	0.9742	0.9744	-0.0002
2024-01-12T12:29:22	1	0	25	25	0	1.0557	1.0557	0.0000	0.975	0.9749	0.0001
2024-01-12T12:30:39	5	0	2	3	-1	1.0272	1.0220	-0.0052	0.9999	0.9999	0.0000
2024-01-12T12:32:38	1	0	4	3	1	1.0514	1.0496	-0.0018	0.9687	0.9687	0.0000
2024-01-12T12:34:54	3	0	24	24	0	1.0533	1.0532	-0.0001	-1	-1	0.0000
2024-01-12T12:40:18	1	0	3	3	0	1.0044	1.0039	-0.0005	-0.9873	-0.9869	-0.0004
2024-01-12T12:45:22	3	0	14	10	4	0.9904	1.0098	0.0194	0.9871	0.988	-0.0009
2024-01-12T12:47:28	1	0	54	54	0	0.9405	0.9405	0.0000	0.9562	0.9562	0.0000
2024-01-12T12:48:10	2	0	1	2	-1	1.0582	1.0570	-0.0012	0.9625	0.9627	-0.0002
2024-01-12T12:54:00	1	0	14	13	1	1.0525	1.0522	-0.0003	-0.9573	-0.9572	-0.0001

2024-01-12T12:57:23	3	0	167	159	8	1.0585	1.0584	-0.0001	0.9972	0.9972	0.0000
2024-01-12T12:59:07	1	0	2	2	0	1.0349	1.0349	0.0000	-1	-1	0.0000
2024-01-12T13:00:41	1	0	3	3	0	1.0282	1.0282	0.0000	0.9998	0.9998	0.0000
2024-01-12T13:01:02	1	0	6	6	0	1.0406	1.0402	-0.0004	0.9964	0.9963	0.0001
2024-01-12T13:07:26	1	0	1	1	0	1.0150	1.0150	0.0000	0.9689	0.9686	0.0003
2024-01-12T13:13:42	3	0	8	9	-1	1.0550	1.0550	0.0001	-0.9895	-0.9893	-0.0002
2024-01-12T13:30:49	1	0	1	1	0	1.0400	1.0396	-0.0004	0.9995	0.9995	0.0000
2024-01-12T13:35:57	1	0	1	1	0	1.0424	1.0424	0.0000	0.9933	0.9933	0.0000
2024-01-12T13:42:40	1	0	12	11	1	1.0464	1.0456	-0.0008	0.9844	0.9844	0.0000
2024-01-12T13:56:54	1	0	2	2	0	1.0458	1.0458	0.0000	0.9857	0.9858	-0.0001
2024-01-12T13:58:45	1	0	13	13	0	1.0514	1.0513	0.0000	-0.9854	-0.9854	0.0000
2024-01-12T14:04:36	1	0	1	0	1	1.0553	null	null	0.9932	0.993	0.0002
2024-01-12T14:05:04	5	0	252	251	1	1.0638	1.0635	-0.0003	0.9659	0.9662	-0.0003
2024-01-12T14:06:36	2	0	5	7	-2	1.0583	1.0576	-0.0007	0.9889	0.9889	0.0000
2024-01-12T14:10:03	1	0	13	12	1	1.0503	1.0498	-0.0005	0.9982	0.9982	0.0000
2024-01-12T14:11:23	1	0	1	1	0	1.0574	1.0570	-0.0004	0.9932	0.9931	0.0001
2024-01-12T14:12:21	2	0	1	1	0	1.0240	1.0240	0.0000	0.9986	0.9985	0.0001
2024-01-12T14:13:01	8	0	547	528	19	1.0644	1.0643	-0.0001	0.9993	0.9991	0.0002
2024-01-12T14:13:46	1	0	58	58	0	1.0569	1.0569	0.0000	-0.9854	-0.9855	0.0001
2024-01-12T14:15:25	2	0	5	5	0	1.0503	1.0503	0.0000	0.9977	0.9977	0.0000
2024-01-12T14:15:30	1	0	4	5	-1	1.0334	1.0332	-0.0003	0.9632	0.9801	-0.0169
2024-01-12T14:15:46	1	0	1	1	0	1.0230	1.0225	-0.0005	0.9998	0.9998	0.0000
2024-01-12T14:15:50	6	0	211	206	5	1.0628	1.0628	-0.0001	0.9651	0.9642	0.0009
2024-01-12T14:15:52	2	0	2	2	0	1.0374	1.0372	-0.0003	0.9995	0.9995	0.0000
2024-01-12T14:16:43	8	0	2	2	0	1.0502	1.0499	-0.0003	0.9975	0.9974	0.0001
2024-01-12T14:17:41	1	0	7	7	0	1.0471	1.0471	0.0000	0.9447	0.9448	-0.0001
2024-01-12T14:18:16	3	0	3	3	0	1.0268	1.0271	0.0003	0.9614	0.9618	-0.0004
2024-01-12T14:18:18	3	0	43	42	1	1.0510	1.0509	0.0000	-1	-1	0.0000
2024-01-12T14:18:24	1	0	33	33	0	1.0567	1.0567	0.0000	0.9986	0.9986	0.0000
2024-01-12T14:19:29	3	0	6	6	0	1.0470	1.0469	-0.0001	0.9847	0.9846	0.0001
2024-01-12T14:20:05	4	0	103	99	4	1.0583	1.0582	-0.0001	0.9585	0.9582	0.0003
2024-01-12T14:21:37	2	0	18	16	2	1.0582	1.0580	-0.0002	0.9893	0.9893	0.0000
2024-01-12T14:25:04	1	0	11	11	0	1.0482	1.0482	0.0000	0.9979	0.9979	0.0000
2024-01-12T14:26:24	1	0	1	1	0	1.0558	1.0557	-0.0001	0.994	0.9939	0.0001
2024-01-12T14:27:01	2	0	1	1	0	0.9864	0.9870	0.0006	-0.9912	-0.9911	-0.0001
2024-01-12T14:28:02	1	0	478	479	-1	1.0631	1.0631	0.0000	0.9988	0.9996	-0.0008
2024-01-12T14:30:51	5	0	96	95	1	1.0608	1.0608	0.0000	0.9648	0.9644	0.0004
2024-01-12T14:30:53	1	0	2	2	0	1.0378	1.0378	0.0000	0.9988	0.9988	0.0000
2024-01-12T14:32:35	1	0	13	12	1	1.0514	1.0506	-0.0008	0.9657	0.9656	0.0001
2024-01-12T14:33:19	1	0	45	44	1	1.0531	1.0531	0.0000	-0.9998	-0.9998	0.0000
2024-01-12T14:33:25	2	0	41	41	0	1.0566	1.0566	0.0000	0.9988	0.9988	0.0000
2024-01-12T14:33:44	3	0	11	10	1	1.0427	1.0423	-0.0003	0.9969	0.9969	0.0000
2024-01-12T14:33:45	1	0	2	2	0	1.0324	1.0323	-0.0001	1	1	0.0000
2024-01-12T14:34:30	3	0	6	6	0	1.0469	1.0468	-0.0001	0.9847	0.9847	0.0000
2024-01-12T14:35:06	1	0	38	38	0	1.0577	1.0577	0.0000	0.9659	0.9549	0.0110
2024-01-12T14:35:36	3	0	2	2	0	1.0642	1.0641	-0.0001	-0.9998	-0.9998	0.0000
2024-01-12T14:36:20	3	0	1	1	0	1.0312	1.0307	-0.0005	0.9252	0.9234	0.0018
2024-01-12T14:36:38	1	0	4	4	0	1.0555	1.0554	-0.0001	0.9884	0.9884	0.0000
2024-01-12T14:36:46	2	0	5	5	0	0.9252	0.9254	0.0002	0.9897	0.99	-0.0003
2024-01-12T14:37:16	3	0	15	15	0	1.0511	1.0511	0.0000	0.9956	0.9956	0.0000
2024-01-12T14:40:05	1	0	11	11	0	1.0502	1.0502	0.0000	0.998	0.998	0.0000
2024-01-12T14:40:34	1	0	18	18	0	1.0521	1.0521	0.0000	0.9543	0.9535	0.0008
2024-01-12T14:42:02	4	0	1	1	0	0.9890	0.9897	0.0007	-0.991	-0.9909	-0.0001
2024-01-12T14:42:23	1	0	1	1	0	0.9448	0.9449	0.0001	0.9984	0.9984	0.0000
2024-01-12T14:42:30	2	0	391	391	0	1.0643	1.0643	0.0000	0.9999	0.9999	0.0000
2024-01-12T14:43:03	2	0	226	224	2	1.0587	1.0587	0.0000	0.9996	0.9999	-0.0003
2024-01-12T14:43:54	2	0	9	8	1	1.0464	1.0464	-0.0001	0.9975	0.9974	0.0001
2024-01-12T14:45:00	6	0	2	2	0	1.0093	1.0081	-0.0012	0.9728	0.9721	0.0007
2024-01-12T14:45:52	3	0	99	98	1	1.0612	1.0612	0.0000	0.964	0.9639	0.0001
2024-01-12T14:46:45	1	0	2	2	0	1.0480	1.0479	-0.0001	0.9994	0.9994	0.0000
2024-01-12T14:50:07	1	0	28	27	1	1.0555	1.0555	0.0000	0.9568	0.9567	0.0001
2024-01-12T14:52:23	7	0	3	2	1	1.0447	1.0473	0.0026	-0.9924	-0.993	0.0006
2024-01-12T14:55:00	2	0	4	4	0	1.0384	1.0381	-0.0003	0.9991	0.999	0.0001
2024-01-12T14:57:24	1	0	13	13	0	0.9478	0.9477	-0.0001	0.9985	0.9985	0.0000
2024-01-12T14:57:45	1	0	6	6	0	1.0472	1.0471	-0.0001	0.9839	0.9838	0.0001
2024-01-12T14:58:04	1	0	141	141	0	1.0577	1.0577	0.0000	0.9993	0.999	0.0003
2024-01-12T15:00:49	1	0	1	1	0	1.0252	1.0248	-0.0004	1	1	0.0000
2024-01-12T15:01:46	5	0	6	6	0	0.9784	0.9787	0.0002	0.9994	0.9994	0.0000
2024-01-12T15:03:19	2	0	2	2	0	1.0188	1.0191	0.0003	0.9673	0.9676	-0.0003
2024-01-12T15:03:21	2	0	51	49	2	1.0522	1.0521	-0.0001	-0.9997	-0.9997	0.0000
2024-01-12T15:04:04	2	0	32	32	0	1.0522	1.0521	-0.0001	0.9963	0.9963	0.0000
2024-01-12T15:05:08	1	0	119	118	1	1.0578	1.0578	0.0000	0.963	0.963	0.0000
2024-01-12T15:06:40	3	0	4	4	0	1.0472	1.0469	-0.0003	0.9851	0.9849	0.0002
2024-01-12T15:09:09	1	0	9	9	0	1.0516	1.0515	-0.0001	0.9854	0.9853	0.0001
2024-01-12T15:09:33	1	0	22	21	1	1.0491	1.0488	-0.0004	0.9925	0.9925	0.0000
2024-01-12T15:13:05	3	0	372	369	3	1.0600	1.0600	0.0000	-1	-0.9997	-0.0003
2024-01-12T15:14:21	1	0	1	1	0	1.0370	1.0365	-0.0005	0.9878	0.9877	0.0001
2024-01-12T15:15:29	1	0	5	5	0	1.0327	1.0327	0.0000	0.9971	0.9971	0.0000
2024-01-12T15:16:11	1	0	3	3	0	1.0346	1.0346	-0.0001	-0.9851	-0.9849	-0.0002
2024-01-12T15:18:20	1	0	4	4	0	0.9874	0.9875	0.0000	0.9631	0.9632	-0.0001
2024-01-12T15:21:37	21	0	4	4	0	1.0225	1.0205	-0.0020	0.9886	0.9878	0.0008
2024-01-12T15:25:57	1	0	5	5	0	1.0376	1.0375	-0.0001	0.9933	0.9933	0.0000
2024-01-12T15:39:06	1	0	1	1	0	0.9919	0.9922	0.0003	0.9832	0.9833	-0.0001
2024-01-12T15:40:58	1	0	5	5	0	1.0377	1.0377	0.0000	0.9947	0.9947	0.0000
2024-01-12T15:47:16	1	0	3	3	0	1.0317	1.0316	-0.0002	0.9777	0.9777	0.0000

2024-01-12T15:50:35	7	0	6	2	4	1.0477	1.0458	-0.0019	0.9999	0.9996	0.0003
2024-01-12T15:51:39	5	0	4	3	1	0.9711	0.9778	0.0067	0.9883	0.9885	-0.0002
2024-01-12T15:54:33	5	0	3	1	2	0.9441	0.9448	0.0007	0.9937	0.994	-0.0003
2024-01-12T16:02:06	1	0	784	784	0	1.0740	1.0740	0.0000	-1	-1	0.0000
2024-01-12T16:05:36	1	0	3	4	-1	1.0489	1.0479	-0.0010	0.9998	0.9997	0.0001
2024-01-12T16:10:25	1	0	4	4	0	1.0101	1.0099	-0.0002	0.9895	0.9894	0.0001
2024-01-12T16:11:00	1	0	6	6	0	1.0324	1.0323	-0.0001	0.9943	0.9943	0.0000
2024-01-12T16:12:52	2	0	73	73	0	1.0546	1.0546	0.0000	-0.9999	-0.9999	0.0000
2024-01-12T16:20:37	1	0	2	2	0	1.0478	1.0476	-0.0002	0.9995	0.9994	0.0001
2024-01-12T16:25:32	2	0	1	0	1	1.0168	null	null	0.9906	0.9906	0.0000
2024-01-12T16:36:42	2	0	6	6	0	0.9546	0.9552	0.0006	0.9873	0.9876	-0.0003
2024-01-12T16:46:38	1	0	23	23	0	0.9417	0.9418	0.0002	0.9835	0.9838	-0.0003
2024-01-12T17:24:38	2	0	2	2	0	1.0349	1.0349	0.0000	-0.9957	-0.9957	0.0000
2024-01-12T17:35:21	3	0	17	14	3	0.9422	0.9419	-0.0003	0.9891	0.9892	-0.0001
2024-01-12T17:36:46	1	0	9	9	0	1.0322	1.0321	-0.0001	0.9923	0.9925	-0.0002
2024-01-12T17:57:38	1	0	187	187	0	0.9368	0.9369	0.0000	0.9958	0.9958	0.0000
2024-01-13T07:49:07	3	0	548	543	5	1.0630	1.0630	0.0000	-1	-1	0.0000
2024-01-13T08:01:39	1	0	268	266	2	1.0589	1.0589	0.0000	0.9996	0.9996	0.0000
2024-01-13T08:23:39	2	0	789	789	0	1.0700	1.0700	0.0000	-0.9976	-0.9976	0.0000
2024-01-13T08:26:47	3	0	73	71	2	0.9401	0.9403	0.0002	-0.9746	-0.9731	-0.0015
2024-01-13T08:38:00	1	0	48	48	0	0.9411	0.9411	0.0000	-0.9912	-0.9907	-0.0005
2024-01-13T08:39:45	1	0	61	54	7	0.9406	0.9411	0.0005	0.996	0.996	0.0000
2024-01-13T08:43:13	1	0	2	2	0	0.9593	0.9596	0.0003	0.9904	0.9906	-0.0002
2024-01-13T08:43:17	3	0	16	15	1	0.9419	0.9422	0.0004	-0.9995	-0.9994	-0.0001
2024-01-13T08:46:14	2	0	128	128	0	0.9006	0.9009	0.0003	-0.9999	0.9986	0.0015
2024-01-13T08:49:11	1	0	405	405	0	1.0628	1.0628	0.0000	0.9996	0.9997	-0.0001
2024-01-13T08:58:14	1	0	3	3	0	0.9530	0.9533	0.0003	0.9896	0.9896	0.0000
2024-01-13T09:04:12	3	0	436	435	1	1.0622	1.0622	0.0000	0.9998	0.9998	0.0000
2024-01-13T09:08:02	1	0	41	41	0	0.9410	0.9411	0.0001	-0.9897	-0.9891	-0.0006
2024-01-13T09:08:42	3	0	786	786	0	1.0701	1.0700	0.0000	-0.9979	-0.9979	0.0000
2024-01-13T09:09:47	1	0	70	68	2	0.9371	0.9379	0.0008	0.9944	0.9944	0.0000
2024-01-13T09:10:44	1	0	5	5	0	1.0393	1.0391	-0.0002	0.9933	0.9932	0.0001
2024-01-13T09:11:50	2	0	89	89	0	0.9357	0.9361	0.0004	-0.9732	-0.9718	-0.0014
2024-01-13T09:13:15	1	0	3	3	0	0.9576	0.9583	0.0007	0.9901	0.9903	-0.0002
2024-01-13T09:13:26	2	0	5	5	0	0.9284	0.9288	0.0004	-0.996	-0.9959	-0.0001
2024-01-13T09:15:50	2	0	2	2	0	0.9919	0.9917	-0.0003	0.9925	0.9923	0.0002
2024-01-13T09:16:44	2	0	244	244	0	1.0601	1.0599	-0.0001	0.9995	0.9995	0.0000
2024-01-13T09:19:13	2	0	396	396	0	1.0621	1.0621	-0.0001	0.9998	0.9998	0.0000
2024-01-13T09:23:19	1	0	1	1	0	1.0410	1.0407	-0.0003	-0.9982	-0.9982	0.0000
2024-01-13T09:24:48	1	0	39	38	1	0.9419	0.9416	-0.0003	0.9929	0.9928	0.0001
2024-01-13T09:26:49	1	0	21	21	0	1.0511	1.0509	-0.0001	0.9915	0.9915	0.0000
2024-01-13T09:28:16	3	0	3	3	0	0.9557	0.9567	0.0010	0.9896	0.99	-0.0004
2024-01-13T09:31:13	2	0	55	46	9	0.9421	0.9427	0.0006	-0.9999	-0.9999	0.0000
2024-01-13T09:34:10	2	0	66	66	0	0.9415	0.9417	0.0003	0.9977	0.9977	0.0000
2024-01-13T09:36:15	1	0	17	16	1	1.0538	1.0537	-0.0001	0.992	0.992	0.0000
2024-01-13T09:40:03	3	0	1	1	0	0.9819	0.9829	0.0010	0.9895	0.9897	-0.0002
2024-01-13T09:47:36	1	0	3	3	0	1.0306	1.0306	-0.0001	0.9866	0.9865	0.0001
2024-01-13T09:49:49	2	0	1	1	0	0.9959	0.9954	-0.0005	-0.9891	-0.989	-0.0001
2024-01-13T09:53:05	5	0	49	42	7	0.9409	0.9414	0.0004	-0.9933	-0.9931	-0.0002
2024-01-13T09:55:03	2	0	2	2	0	1.0464	1.0452	-0.0012	-0.9826	-0.9831	0.0005
2024-01-13T09:56:51	1	0	20	20	0	1.0509	1.0508	-0.0001	0.9896	0.9895	0.0001
2024-01-13T09:58:18	14	0	3	3	0	0.9530	0.9570	0.0040	0.9873	0.9881	-0.0008
2024-01-13T09:58:22	2	0	5	5	0	0.9419	0.9424	0.0005	-0.9987	-0.9987	0.0000
2024-01-13T10:01:15	5	0	4	4	0	0.9434	0.9445	0.0011	-0.9963	-0.996	-0.0003
2024-01-13T10:02:25	1	0	111	108	3	0.9317	0.9320	0.0003	0.9906	0.9909	-0.0003
2024-01-13T10:03:47	2	0	2	2	0	0.9847	0.9848	0.0002	-0.9826	-0.9824	-0.0002
2024-01-13T10:04:12	2	0	145	128	17	0.9416	0.9420	0.0004	0.9975	0.9976	-0.0001
2024-01-13T10:05:49	2	0	3	3	0	1.0412	1.0410	-0.0001	-0.9941	-0.9942	0.0001
2024-01-13T10:06:46	2	0	1	0	1	1.0563	null	null	-0.9886	-0.9886	0.0000
2024-01-13T10:07:14	3	0	2	2	0	0.9982	0.9987	0.0006	-0.9998	-0.9998	0.0000
2024-01-13T10:07:16	8	0	3	3	0	1.0212	1.0206	-0.0006	0.982	0.9636	0.0184
2024-01-13T10:07:21	1	0	2	2	0	1.0489	1.0487	-0.0002	-0.993	-0.993	0.0000
2024-01-13T10:07:37	2	0	3	3	0	1.0515	1.0512	-0.0002	0.9904	0.9902	0.0002
2024-01-13T10:08:06	2	0	65	64	1	0.9435	0.9438	0.0003	-0.9923	-0.9922	-0.0001
2024-01-13T10:08:41	4	0	3	3	0	1.0410	1.0398	-0.0012	-0.9995	-0.9996	0.0001
2024-01-13T10:11:57	10	0	1	1	0	0.9712	0.9752	0.0040	-1	-1	0.0000
2024-01-13T10:13:19	3	0	1	1	0	1.0257	1.0249	-0.0008	0.996	0.9962	-0.0002
2024-01-13T10:17:38	2	0	3	3	0	1.0303	1.0301	-0.0002	0.9897	0.9896	0.0001
2024-01-13T10:20:13	2	0	17	17	0	0.9560	0.9560	0.0000	0.9962	0.9962	0.0000
2024-01-13T10:22:06	2	0	2	2	0	1.0322	1.0319	-0.0002	0.9999	0.9999	0.0000
2024-01-13T10:22:35	2	0	3	3	0	1.0169	1.0167	-0.0002	1	1	0.0000
2024-01-13T10:22:38	2	0	2	2	0	1.0534	1.0532	-0.0002	0.9905	0.9904	0.0001
2024-01-13T10:22:52	2	0	1	1	0	0.9888	0.9897	0.0009	-0.975	-0.9741	-0.0009
2024-01-13T10:23:36	1	0	2	2	0	1.0005	1.0007	0.0002	0.9963	0.9963	0.0000
2024-01-13T10:23:42	1	0	3	3	0	1.0424	1.0418	-0.0006	-0.9994	-0.9994	0.0000
2024-01-13T10:25:05	1	0	2	0	2	1.0453	null	null	-0.9793	-0.9795	0.0002
2024-01-13T10:26:58	1	0	1	1	0	0.9729	0.9732	0.0003	-1	-1	0.0000
2024-01-13T10:27:23	1	0	2	2	0	1.0516	1.0515	-0.0002	-0.8743	-0.8771	0.0028
2024-01-13T10:28:24	4	0	1	1	0	1.0346	1.0332	-0.0014	-0.9976	-0.9976	0.0000
2024-01-13T10:31:21	5	0	72	73	-1	0.9437	0.9434	-0.0003	0.9989	0.9996	-0.0007
2024-01-13T10:32:06	1	0	6	6	0	1.0268	1.0266	-0.0002	0.9938	0.9938	0.0000
2024-01-13T10:32:39	1	0	5	5	0	1.0254	1.0253	-0.0001	0.9898	0.9898	0.0000
2024-01-13T10:33:16	4	0	1	1	0	0.9768	0.9780	0.0012	0.9967	0.9967	0.0000
2024-01-13T10:33:49	2	0	1	1	0	0.9769	0.9775	0.0006	-0.9719	-0.9717	-0.0002
2024-01-13T10:38:43	1	0	3	3	0	1.0410	1.0408	-0.0002	-0.9992	-0.9992	0.0000

2024-01-13T10:40:07	1	0	1	0	1	1.0558	null	null	0.992	0.9919	0.0001
2024-01-13T10:40:19	1	0	1	0	1	1.0242	null	null	0.9988	0.9988	0.0000
2024-01-13T10:40:34	1	0	1	1	0	1.0294	1.0291	-0.0003	-0.9985	-0.9985	0.0000
2024-01-13T10:40:50	2	0	6	6	0	1.0316	1.0316	0.0000	0.9962	0.9963	-0.0001
2024-01-13T10:41:55	2	0	29	26	3	0.9580	0.9632	0.0052	0.9862	0.9797	0.0065
2024-01-13T10:49:33	2	0	15	15	0	1.0196	1.0196	-0.0001	0.998	0.9979	0.0001
2024-01-13T10:49:36	4	0	11	11	0	1.0411	1.0407	-0.0004	0.9694	0.9689	0.0005
2024-01-13T10:50:13	1	0	2	2	0	1.0355	1.0355	-0.0001	0.9968	0.9951	0.0017
2024-01-13T10:50:17	1	0	1	1	0	1.0364	1.0350	-0.0014	0.9983	0.9983	0.0000
2024-01-13T10:50:59	4	0	2	0	2	1.0561	null	null	-1	-1	0.0000
2024-01-13T10:51:23	2	0	42	42	0	0.9456	0.9455	0.0000	0.9843	0.9843	0.0000
2024-01-13T10:52:08	1	0	1	0	1	1.0453	null	null	0.9986	0.9986	0.0000
2024-01-13T10:55:08	2	0	1	0	1	1.0557	null	null	0.9913	0.9913	0.0000
2024-01-13T10:56:35	1	0	3	3	0	1.0486	1.0485	-0.0001	0.9975	0.9974	0.0001
2024-01-13T10:57:00	7	0	2	0	2	1.0595	null	null	-0.9998	-0.9998	0.0000
2024-01-13T10:57:45	2	0	1	1	0	1.0322	1.0316	-0.0006	-0.9972	-0.9972	0.0000
2024-01-13T11:01:19	3	0	1	0	1	1.0552	null	null	-0.9959	-0.9973	0.0014
2024-01-13T11:01:51	1	0	294	293	1	1.0604	1.0604	0.0000	0.9996	0.9996	0.0000
2024-01-13T11:02:16	4	0	28	25	3	0.9409	0.9418	0.0009	-0.9918	-0.9906	-0.0012
2024-01-13T11:03:18	2	0	4	4	0	0.9579	0.9581	0.0002	0.9944	0.9943	0.0001
2024-01-13T11:04:37	3	0	59	57	2	1.0542	1.0541	-0.0001	-0.9945	-0.9934	-0.0011
2024-01-13T11:07:20	1	0	2	2	0	1.0219	1.0217	-0.0002	0.9155	0.9149	0.0006
2024-01-13T11:08:45	3	0	11	10	1	1.0494	1.0497	0.0002	-0.9996	-0.9997	0.0001
2024-01-13T11:10:33	1	0	1	1	0	1.0421	1.0418	-0.0003	-0.9715	-0.9714	-0.0001
2024-01-13T11:12:01	4	0	1	0	1	1.0392	null	null	-0.9998	-0.9998	0.0000
2024-01-13T11:14:17	1	0	1	1	0	1.0584	1.0580	-0.0004	-0.9999	-0.9999	0.0000
2024-01-13T11:21:01	4	0	2	2	0	1.0519	1.0518	-0.0001	-1	-1	0.0000
2024-01-13T11:21:22	4	0	23	22	1	1.0553	1.0552	-0.0001	0.9919	0.9919	0.0000
2024-01-13T11:21:25	1	0	19	13	6	0.9431	0.9427	-0.0005	0.9843	0.9843	0.0000
2024-01-13T11:23:40	2	0	2	2	0	1.0332	1.0327	-0.0005	0.9974	0.9973	0.0001
2024-01-13T11:25:22	1	0	2	2	0	1.0360	1.0358	-0.0003	0.9962	0.9961	0.0001
2024-01-13T11:26:50	1	0	24	23	1	1.0499	1.0496	-0.0003	0.9999	0.9999	0.0000
2024-01-13T11:27:27	3	0	3	3	0	1.0596	1.0590	-0.0006	-0.9184	-0.9369	0.0185
2024-01-13T11:29:12	5	0	4	4	0	0.9784	0.9784	0.0000	0.9956	0.9956	0.0000
2024-01-13T11:30:59	1	0	2	2	0	0.9374	0.9382	0.0008	0.9914	0.9531	0.0383
2024-01-13T11:32:43	4	0	5	5	0	1.0407	1.0401	-0.0006	0.9905	0.9894	0.0011
2024-01-13T11:34:52	3	0	36	35	1	1.0528	1.0527	-0.0001	0.9985	0.9987	-0.0002
2024-01-13T11:36:02	4	0	6	7	-1	1.0477	1.0472	-0.0005	-1	1	0.0000
2024-01-13T11:36:23	4	0	68	63	5	1.0570	1.0570	-0.0001	0.9919	0.9918	0.0001
2024-01-13T11:37:22	6	0	1	1	0	1.0324	1.0323	-0.0001	0.915	0.9154	-0.0004
2024-01-13T11:40:32	4	0	16	12	4	0.9469	0.9483	0.0013	0.9636	0.9641	-0.0005
2024-01-13T11:42:03	3	0	3	3	0	1.0458	1.0455	-0.0003	-0.9998	-0.9998	0.0000
2024-01-13T11:42:10	2	0	3	3	0	1.0330	1.0328	-0.0002	-0.9861	-0.9863	0.0002
2024-01-13T11:47:44	5	0	5	6	-1	1.0290	1.0247	-0.0042	0.9731	0.9731	0.0000
2024-01-13T11:48:19	1	0	19	18	1	1.0490	1.0486	-0.0004	-0.9385	-0.9385	0.0000
2024-01-13T11:50:14	2	0	26	26	0	1.0535	1.0534	-0.0001	-0.9743	-0.9744	0.0001
2024-01-13T11:52:23	5	0	2	2	0	1.0305	1.0303	-0.0002	0.9125	0.913	-0.0005
2024-01-13T11:52:41	4	0	4	4	0	1.0276	1.0273	-0.0003	-0.9966	-0.9967	0.0001
2024-01-13T11:53:13	7	0	4	5	-1	0.9369	0.9409	0.0040	-0.9912	-0.9913	0.0001
2024-01-13T11:55:33	4	0	3	4	-1	0.9391	0.9443	0.0051	0.965	0.9648	0.0002
2024-01-13T11:57:08	1	0	1	0	1	1.0581	null	null	0.9994	0.9994	0.0000
2024-01-13T12:02:45	4	0	5	5	0	1.0448	1.0443	-0.0006	0.9888	0.9877	0.0011
2024-01-13T12:04:15	1	0	5	5	0	1.0601	1.0585	-0.0016	-0.9999	-0.9999	0.0000
2024-01-13T12:07:24	4	0	8	8	0	1.0326	1.0324	-0.0002	0.9405	0.9133	0.0272
2024-01-13T12:08:30	1	0	3	3	0	1.0316	1.0315	-0.0001	-0.9976	-0.9976	0.0000
2024-01-13T12:14:15	4	0	4	5	-1	0.9780	0.9712	-0.0067	0.9972	0.9972	0.0000
2024-01-13T12:18:21	1	0	5	5	0	1.0456	1.0456	0.0000	-0.9642	-0.964	-0.0002
2024-01-13T12:21:05	4	0	2	2	0	1.0626	1.0602	-0.0024	0.9999	1	-0.0001
2024-01-13T12:24:05	1	0	1	1	0	1.0593	1.0590	-0.0003	0.9882	0.9882	0.0000
2024-01-13T12:24:32	2	0	7	7	0	1.0460	1.0452	-0.0009	0.9486	0.9485	0.0001
2024-01-13T12:25:35	3	0	2	2	0	0.9432	0.9432	0.0000	0.969	0.9689	0.0001
2024-01-13T12:27:06	8	0	1	2	-1	0.9798	1.0127	0.0329	-0.9994	-0.9994	0.0000
2024-01-13T12:29:29	1	0	2	2	0	1.0251	1.0250	-0.0001	0.9981	0.9981	0.0000
2024-01-13T12:33:15	3	0	54	47	7	1.0564	1.0564	0.0000	-0.9431	-0.9432	0.0001
2024-01-13T12:39:43	2	0	1	0	1	1.0554	null	null	0.9736	0.9736	0.0000
2024-01-13T12:40:23	1	0	5	5	0	1.0526	1.0525	-0.0001	0.9998	0.9998	0.0000
2024-01-13T12:51:20	2	0	165	159	6	0.9290	0.9301	0.0011	-0.9916	-0.9901	-0.0015
2024-01-13T12:53:47	1	0	1	1	0	1.0253	1.0249	-0.0004	0.996	0.9962	-0.0002
2024-01-13T12:55:14	1	0	2	2	0	1.0223	1.0226	0.0003	0.9865	0.9867	-0.0002
2024-01-13T12:59:13	4	0	60	56	4	1.0553	1.0551	-0.0002	0.9997	0.9997	0.0000
2024-01-13T12:59:33	2	0	1	1	0	1.1076	1.1076	0.0000	-0.9958	-0.9958	0.0000
2024-01-13T13:00:17	1	0	10	10	0	1.0484	1.0484	0.0000	-0.9909	-0.9909	0.0000
2024-01-13T13:00:45	3	0	21	22	-1	1.0539	1.0541	0.0002	0.981	0.9811	-0.0001
2024-01-13T13:06:21	1	0	104	104	0	0.9338	0.9338	0.0000	-0.9839	-0.9834	-0.0005
2024-01-13T13:19:45	2	0	2	3	-1	1.0317	1.0397	0.0081	0.9973	0.9973	0.0000
2024-01-13T13:21:51	3	0	3	3	0	1.0674	1.0655	-0.0019	0.7792	0.7611	0.0181
2024-01-13T13:23:53	2	0	19	18	1	1.0463	1.0458	-0.0005	0.9842	0.9839	0.0003
2024-01-13T13:27:50	1	0	26	26	0	1.0567	1.0564	-0.0003	0.9921	0.992	0.0001
2024-01-13T13:30:31	1	0	19	19	0	1.0460	1.0459	-0.0001	-0.9912	-0.9912	0.0000
2024-01-13T13:38:32	3	0	13	13	0	1.0507	1.0506	-0.0001	-1	-1	0.0000
2024-01-13T13:41:20	1	0	11	11	0	1.0450	1.0449	-0.0001	1	1	0.0000
2024-01-13T13:48:53	1	0	21	22	-1	1.0528	1.0519	-0.0009	0.9446	0.9408	0.0038
2024-01-13T13:49:34	5	0	36	38	-2	0.9453	0.9485	0.0033	0.9913	0.9914	-0.0001
2024-01-13T13:51:48	3	0	5	4	1	1.0490	1.0490	0.0000	-0.9994	0.9999	0.0007
2024-01-13T13:56:38	2	0	1	1	0	1.0027	1.0015	-0.0012	-0.9993	-0.9993	0.0000

2024-01-13T13:57:44	1	0	6	6	0	1.0490	1.0490	0.0000	-0.9459	-0.9458	-0.0001
2024-01-13T13:58:58	1	0	11	10	1	1.0510	1.0505	-0.0005	0.9961	0.9961	0.0000
2024-01-13T14:01:19	1	0	1	0	1	1.0597	null	null	-0.9993	-0.9993	0.0000
2024-01-13T14:03:17	2	0	771	771	0	1.0719	1.0719	0.0000	-0.9992	-0.9992	0.0000
2024-01-13T14:04:33	2	0	8	7	1	1.0494	1.0480	-0.0014	-0.9878	-0.9882	0.0004
2024-01-13T14:04:35	4	0	34	32	2	0.9491	0.9492	0.0001	0.9921	0.9922	-0.0001
2024-01-13T14:04:43	1	0	12	12	0	1.0562	1.0562	0.0000	0.9999	0.9999	0.0000
2024-01-13T14:05:19	3	0	8	9	-1	1.0404	1.0411	0.0007	0.9951	0.9951	0.0000
2024-01-13T14:06:08	3	0	2	1	1	0.9430	0.9431	0.0000	-0.9946	-0.9944	-0.0002
2024-01-13T14:06:51	1	0	2	2	0	1.0357	1.0356	-0.0002	-0.9989	-0.9989	0.0000
2024-01-13T14:07:55	7	0	48	48	0	0.9369	0.9373	0.0004	-1	-1	0.0000
2024-01-13T14:09:09	2	0	16	15	1	1.0489	1.0496	0.0007	-0.9968	-0.9968	0.0000
2024-01-13T14:09:15	5	0	7	7	0	1.0324	1.0322	-0.0003	-0.9907	-0.9904	-0.0003
2024-01-13T14:11:22	1	0	11	11	0	1.0447	1.0447	0.0000	0.9997	0.9997	0.0000
2024-01-13T14:11:52	1	0	21	22	-1	1.0530	1.0530	0.0001	0.9622	0.9617	0.0005
2024-01-13T14:15:28	4	0	8	8	0	1.0486	1.0484	-0.0002	1	1	0.0000
2024-01-13T14:17:06	3	0	7	7	0	1.0381	1.0380	-0.0001	-0.9971	-0.9971	0.0000
2024-01-13T14:17:37	8	0	58	58	0	0.9324	0.9327	0.0003	-0.9888	-0.9887	-0.0001
2024-01-13T14:17:58	3	0	122	123	-1	1.0583	1.0581	-0.0002	0.9974	0.9974	0.0000
2024-01-13T14:18:14	5	0	17	17	0	1.0504	1.0503	-0.0001	-1	-1	0.0000
2024-01-13T14:18:18	2	0	784	784	0	1.0726	1.0726	0.0000	-0.999	-0.999	0.0000
2024-01-13T14:18:35	5	0	3	2	1	1.0579	1.0573	-0.0005	-0.9993	-1	0.0007
2024-01-13T14:19:34	2	0	11	7	4	1.0504	1.0476	-0.0028	-0.9909	-0.9939	0.0030
2024-01-13T14:19:36	2	0	2	2	0	1.0383	1.0377	-0.0007	0.993	0.993	0.0000
2024-01-13T14:19:44	1	0	7	7	0	1.0542	1.0542	0.0000	0.9999	0.9999	0.0000
2024-01-13T14:19:49	1	0	1	1	0	1.0199	1.0197	-0.0002	0.9983	0.9983	0.0000
2024-01-13T14:20:20	1	0	1	1	0	1.0323	1.0321	-0.0002	0.9868	0.9808	0.0060
2024-01-13T14:21:05	1	0	5	5	0	1.0389	1.0388	-0.0002	0.9768	0.9768	0.0000
2024-01-13T14:21:09	2	0	2	2	0	0.9437	0.9439	0.0003	-0.9945	-0.9944	-0.0001
2024-01-13T14:21:33	4	0	3	3	0	1.0311	1.0309	-0.0002	-0.9839	-0.984	0.0001
2024-01-13T14:21:38	1	0	2	2	0	1.0478	1.0478	0.0000	0.9787	0.9745	0.0042
2024-01-13T14:21:55	3	0	2	2	0	1.0698	1.0694	-0.0005	-0.9127	-0.916	0.0033
2024-01-13T14:22:56	3	0	41	40	1	0.9314	0.9318	0.0004	1	1	0.0000
2024-01-13T14:23:02	4	0	8	9	-1	0.9319	0.9334	0.0015	-0.9966	-0.9964	-0.0002
2024-01-13T14:24:10	1	0	14	14	0	1.0478	1.0478	0.0000	-0.9992	-0.9993	0.0001
2024-01-13T14:24:16	5	0	4	4	0	1.0302	1.0301	-0.0001	-0.9908	-0.9904	-0.0004
2024-01-13T14:25:47	4	0	82	82	0	0.9305	0.9305	0.0000	0.9954	0.9954	0.0000
2024-01-13T14:25:54	1	0	3	3	0	1.0321	1.0320	-0.0001	-0.9939	-0.9939	0.0000
2024-01-13T14:26:23	1	0	11	11	0	1.0438	1.0437	0.0000	0.9999	0.9999	0.0000
2024-01-13T14:26:45	5	0	33	33	0	0.9407	0.9407	0.0000	-0.986	-0.986	0.0000
2024-01-13T14:27:11	1	0	3	3	0	1.0356	1.0354	-0.0002	0.9843	0.9843	0.0000
2024-01-13T14:30:29	4	0	8	7	1	1.0481	1.0484	0.0003	-1	-1	0.0000
2024-01-13T14:30:33	1	0	1	1	0	1.0293	1.0293	0.0000	-0.9989	-0.9989	0.0000
2024-01-13T14:30:51	1	0	9	9	0	1.0520	1.0519	-0.0001	0.9834	0.9832	0.0002
2024-01-13T14:31:50	1	0	3	3	0	1.0329	1.0325	-0.0003	0.9162	0.9164	-0.0002
2024-01-13T14:32:13	1	0	5	5	0	1.0415	1.0414	0.0000	-0.9976	-0.9976	0.0000
2024-01-13T14:32:30	1	0	2	2	0	1.0403	1.0397	-0.0006	0.9975	0.9974	0.0001
2024-01-13T14:32:38	7	0	12	10	2	0.9405	0.9401	-0.0005	-0.9825	-0.9823	-0.0002
2024-01-13T14:32:59	1	0	187	181	6	1.0590	1.0588	-0.0002	0.9981	0.9981	0.0000
2024-01-13T14:33:15	4	0	18	18	0	1.0499	1.0496	-0.0003	-0.9999	-0.9999	0.0000
2024-01-13T14:33:19	2	0	790	790	0	1.0734	1.0734	0.0000	-0.9984	-0.9984	0.0000
2024-01-13T14:33:36	4	0	3	3	0	1.0453	1.0453	-0.0001	-0.9968	-0.9968	0.0000
2024-01-13T14:34:45	1	0	5	5	0	1.0533	1.0533	-0.0001	0.9997	0.9997	0.0000
2024-01-13T14:35:21	1	0	9	9	0	1.0370	1.0370	0.0000	0.9887	0.9887	0.0000
2024-01-13T14:35:52	1	0	1	1	0	1.0329	1.0326	-0.0003	0.9876	0.9875	0.0001
2024-01-13T14:36:06	1	0	9	9	0	1.0518	1.0517	-0.0001	0.9964	0.9977	-0.0013
2024-01-13T14:36:10	2	0	1	1	0	0.9447	0.9449	0.0002	-0.9945	-0.9945	0.0000
2024-01-13T14:36:30	3	0	1	1	0	1.0383	1.0382	-0.0001	-0.9996	-0.9996	0.0000
2024-01-13T14:36:34	3	0	4	4	0	1.0330	1.0330	0.0000	-0.9839	-0.9839	0.0000
2024-01-13T14:37:16	2	0	2	2	0	1.0683	1.0682	-0.0002	-0.8329	-0.8341	0.0012
2024-01-13T14:37:16	3	0	3	3	0	1.0313	1.0318	0.0005	0.985	0.9853	-0.0003
2024-01-13T14:37:57	6	0	39	38	1	0.9391	0.9393	0.0002	1	1	0.0000
2024-01-13T14:38:03	4	0	6	6	0	0.9297	0.9299	0.0001	-0.9957	-0.9956	-0.0001
2024-01-13T14:39:17	5	0	4	4	0	1.0283	1.0282	-0.0001	-0.9918	-0.9915	-0.0003
2024-01-13T14:40:27	1	0	1	1	0	1.0409	1.0409	0.0000	0.997	0.997	0.0000
2024-01-13T14:41:24	1	0	24	23	1	1.0465	1.0472	0.0007	1	1	0.0000
2024-01-13T14:41:46	4	0	37	37	0	0.9394	0.9396	0.0001	-0.9884	-0.9882	-0.0002
2024-01-13T14:41:54	1	0	22	22	0	1.0536	1.0536	0.0000	0.9621	0.9619	0.0002
2024-01-13T14:42:12	2	0	4	4	0	1.0344	1.0338	-0.0006	0.9858	0.9845	0.0013
2024-01-13T14:43:50	1	0	162	159	3	1.0582	1.0581	0.0000	0.9988	0.9988	0.0000
2024-01-13T14:44:05	2	0	11	10	1	1.0230	1.0310	0.0080	0.9869	0.9871	-0.0002
2024-01-13T14:44:08	1	0	7	7	0	1.0446	1.0446	-0.0001	-1	-1	0.0000
2024-01-13T14:44:20	1	0	32	32	0	1.0527	1.0527	0.0000	0.9975	0.9977	-0.0002
2024-01-13T14:44:22	2	0	5	4	1	1.0506	1.0490	-0.0016	0.9946	0.9895	0.0051
2024-01-13T14:45:30	1	0	4	3	1	1.0455	1.0454	-0.0002	-1	1	0.0000
2024-01-13T14:45:34	1	0	2	2	0	1.0304	1.0304	0.0000	-0.9985	-0.9985	0.0000
2024-01-13T14:48:16	3	0	19	19	0	1.0488	1.0486	-0.0001	-0.9998	-0.9998	0.0000
2024-01-13T14:48:37	5	0	8	4	4	0.9576	0.9729	0.0152	-0.999	-0.9987	-0.0003
2024-01-13T14:49:36	2	0	12	10	2	1.0491	1.0469	-0.0022	-0.9806	-0.9883	0.0077
2024-01-13T14:49:38	2	0	3	3	0	1.0329	1.0325	-0.0004	0.9967	0.9966	0.0001
2024-01-13T14:50:04	3	0	2	2	0	1.0352	1.0349	-0.0004	-0.9984	-0.9984	0.0000
2024-01-13T14:50:26	2	0	6	6	0	1.0223	1.0223	0.0000	0.9847	0.9847	0.0000
2024-01-13T14:55:49	3	0	91	91	0	0.9146	0.9147	0.0000	0.9937	0.9936	0.0001
2024-01-13T14:56:25	1	0	16	15	1	1.0423	1.0429	0.0007	1	1	0.0000
2024-01-13T15:00:24	1	0	8	8	0	1.0466	1.0466	0.0000	-0.9933	-0.9933	0.0000

2024-01-13T15:00:29	2	0	7	7	0	1.0478	1.0477	-0.0001	-1	-1	0.0000
2024-01-13T15:01:49	1	0	5	5	0	0.9574	0.9574	0.0000	-0.9999	-0.9999	0.0000
2024-01-13T15:02:15	1	0	7	7	0	1.0371	1.0370	0.0000	-0.9973	-0.9973	0.0000
2024-01-13T15:03:01	1	0	254	254	0	1.0604	1.0604	0.0000	0.9989	0.9989	0.0000
2024-01-13T15:09:13	2	0	10	10	0	1.0458	1.0456	-0.0002	-0.9993	-0.9993	0.0000
2024-01-13T15:14:22	1	0	42	42	0	1.0535	1.0535	0.0000	0.9993	0.9994	-0.0001
2024-01-13T15:15:25	1	0	7	7	0	1.0492	1.0492	0.0000	-0.9903	-0.9903	0.0000
2024-01-13T15:16:50	1	0	1	1	0	0.9660	0.9665	0.0005	-0.9999	-0.9999	0.0000
2024-01-13T15:18:31	1	0	1	0	1	1.0553	null	null	0.9886	0.9886	0.0000
2024-01-13T15:19:38	1	0	2	2	0	1.0469	1.0458	-0.0011	-0.986	-0.9831	-0.0029
2024-01-13T15:19:40	1	0	3	3	0	0.9977	0.9978	0.0001	0.9953	0.9954	-0.0001
2024-01-13T15:21:33	11	0	2	2	0	0.9751	0.9767	0.0016	-1	-1	0.0000
2024-01-13T15:27:02	1	0	150	149	1	0.9275	0.9275	0.0000	0.9896	0.9899	-0.0003
2024-01-13T15:27:52	4	0	1	1	0	0.9771	0.9776	0.0005	0.9989	0.999	-0.0001
2024-01-13T15:29:52	2	0	4	2	2	0.9432	0.9443	0.0011	0.999	0.9991	-0.0001
2024-01-13T15:30:13	2	0	185	185	0	0.9294	0.9294	0.0000	-0.9982	-0.9982	0.0000
2024-01-13T15:35:03	4	0	24	22	2	0.9452	0.9457	0.0005	0.9646	0.9649	-0.0003
2024-01-13T15:49:43	1	0	40	40	0	0.9488	0.9489	0.0001	0.9923	0.9924	-0.0001
2024-01-13T15:51:35	2	0	2	2	0	0.9590	0.9593	0.0002	1	1	0.0000
2024-01-13T15:55:53	2	0	74	70	4	0.9144	0.9150	0.0005	0.997	0.9963	0.0007
2024-01-13T16:01:04	1	0	2	2	0	1.0444	1.0443	-0.0002	-0.9972	-0.9972	0.0000
2024-01-13T16:05:05	1	0	17	17	0	0.9466	0.9466	0.0000	0.9674	0.9674	0.0000
2024-01-13T16:08:09	5	0	6	6	0	0.9447	0.9443	-0.0004	-0.9988	-0.9989	0.0001
2024-01-13T16:08:29	2	0	1	1	0	1.0326	1.0312	-0.0014	0.9994	0.9995	-0.0001
2024-01-13T16:37:59	2	0	4	4	0	0.9636	0.9642	0.0006	-0.9981	-0.998	-0.0001
2024-01-13T16:41:52	1	0	1	1	0	1.0032	1.0030	-0.0002	-0.9999	-0.9999	0.0000
2024-01-13T16:50:08	1	0	93	93	0	0.9434	0.9434	0.0001	0.9827	0.9828	-0.0001
2024-01-13T16:56:55	1	0	68	66	2	0.9359	0.9360	0.0001	-0.9893	-0.9968	0.0075
2024-01-13T17:17:51	1	0	138	138	0	0.9314	0.9314	0.0000	-0.9981	-0.9979	-0.0002
2024-01-13T17:29:49	1	0	7	7	0	0.9421	0.9423	0.0002	0.9988	0.9989	-0.0001
2024-01-13T17:29:51	1	0	67	67	0	0.9839	0.9839	0.0000	0.9991	0.9991	0.0000
2024-01-13T17:47:23	2	0	132	132	0	0.9215	0.9217	0.0002	0.9976	0.9976	0.0000
2024-01-13T18:18:43	1	0	45	44	1	0.9418	0.9418	0.0000	-0.9967	-0.9966	-0.0001
2024-01-13T18:28:25	1	0	137	137	0	0.9165	0.9165	0.0000	-0.9983	-0.998	-0.0003
2024-01-14T07:50:11	2	0	94	91	3	0.9408	0.9408	0.0000	-0.987	-0.9862	-0.0008
2024-01-14T07:51:39	1	0	99	98	1	1.0033	1.0033	0.0000	0.9999	0.9999	0.0000
2024-01-14T07:54:31	2	0	130	129	1	0.9263	0.9265	0.0002	-0.9991	-0.9991	0.0000
2024-01-14T07:57:32	1	0	405	403	2	1.0631	1.0630	0.0000	0.9983	0.9984	-0.0001
2024-01-14T08:05:12	1	0	42	41	1	0.9425	0.9425	0.0000	-0.989	-0.9884	-0.0006
2024-01-14T08:06:40	2	0	60	59	1	1.0115	1.0115	-0.0001	0.9997	0.9997	0.0000
2024-01-14T08:12:28	2	0	246	246	0	0.9245	0.9246	0.0001	0.9968	0.9968	0.0000
2024-01-14T08:17:05	2	0	752	752	0	1.0720	1.0720	0.0000	-0.9903	-0.9903	0.0000
2024-01-14T08:18:10	1	0	99	99	0	0.9561	0.9563	0.0002	0.9933	0.9932	0.0001
2024-01-14T08:21:07	1	0	1	1	0	1.0346	1.0346	0.0000	0.9985	0.9985	0.0000
2024-01-14T08:28:06	1	0	267	267	0	1.0630	1.0630	0.0000	0.9965	0.9966	-0.0001
2024-01-14T08:29:16	1	0	10	10	0	1.0489	1.0489	0.0000	0.9972	0.9973	-0.0001
2024-01-14T08:36:37	1	0	6	6	0	0.9810	0.9811	0.0001	0.9925	0.9925	0.0000
2024-01-14T08:39:38	1	0	70	69	1	1.0603	1.0603	0.0000	0.9815	0.9809	0.0006
2024-01-14T08:48:45	4	0	97	94	3	0.9423	0.9423	0.0000	0.9812	0.9813	-0.0001
2024-01-14T09:02:56	1	0	5	5	0	1.0466	1.0466	0.0000	0.9953	0.9953	0.0000
2024-01-14T09:03:13	1	0	100	100	0	0.9713	0.9713	0.0000	0.993	0.9929	0.0001
2024-01-14T09:04:04	1	0	1	1	0	1.0237	1.0237	0.0000	-0.9951	-0.9949	-0.0002
2024-01-14T09:05:16	2	0	42	40	2	0.9412	0.9416	0.0004	-0.9896	-0.9891	-0.0005
2024-01-14T09:06:39	2	0	5	5	0	0.9822	0.9827	0.0005	0.9926	0.9926	0.0000
2024-01-14T09:06:44	2	0	95	94	1	1.0639	1.0635	-0.0005	0.9999	0.9999	0.0000
2024-01-14T09:06:51	2	0	5	5	0	0.9294	0.9297	0.0003	-0.9971	-0.997	-0.0001
2024-01-14T09:09:36	2	0	137	135	2	0.9191	0.9198	0.0007	-0.9997	-0.9997	0.0000
2024-01-14T09:12:32	2	0	262	261	1	0.9149	0.9151	0.0001	0.9958	0.9959	-0.0001
2024-01-14T09:12:37	3	0	360	359	1	1.0610	1.0609	-0.0001	0.9982	0.9982	0.0000
2024-01-14T09:13:36	1	0	1	1	0	1.0343	1.0338	-0.0005	-0.998	-0.998	0.0000
2024-01-14T09:14:10	1	0	10	10	0	1.0516	1.0515	-0.0001	0.9984	0.9984	0.0000
2024-01-14T09:14:41	1	0	4	5	-1	0.9434	0.9437	0.0003	0.9763	0.9759	0.0004
2024-01-14T09:17:09	3	0	790	790	0	1.0754	1.0754	0.0000	-0.9932	-0.9932	0.0000
2024-01-14T09:22:41	2	0	1	1	0	0.9612	0.9619	0.0007	0.9867	0.9866	0.0001
2024-01-14T09:24:16	2	0	3	3	0	1.0452	1.0448	-0.0004	0.9989	0.9988	0.0001
2024-01-14T09:24:47	2	0	84	84	0	0.9082	0.9083	0.0000	0.994	0.994	0.0000
2024-01-14T09:27:33	1	0	259	259	0	0.9149	0.9149	0.0000	0.9956	0.9956	0.0000
2024-01-14T09:28:10	1	0	284	283	1	1.0639	1.0639	0.0000	0.9965	0.9966	-0.0001
2024-01-14T09:31:30	1	0	60	59	1	0.9411	0.9412	0.0000	0.9971	0.9971	0.0000
2024-01-14T09:33:27	1	0	7	7	0	1.0226	1.0224	-0.0002	0.9904	0.9902	0.0002
2024-01-14T09:35:16	1	0	11	11	0	1.0385	1.0383	-0.0002	0.985	0.9849	0.0001
2024-01-14T09:35:20	9	0	10	10	0	1.0318	1.0319	0.0002	0.9992	0.9992	0.0000
2024-01-14T09:45:39	2	0	1	1	0	0.9653	0.9662	0.0009	1	1	0.0000
2024-01-14T09:45:55	7	0	6	6	0	1.0334	1.0331	-0.0003	0.9621	0.9632	-0.0011
2024-01-14T09:46:31	5	0	75	68	7	0.9417	0.9416	0.0000	0.9978	0.9978	0.0000
2024-01-14T09:46:58	2	0	7	7	0	1.0332	1.0330	-0.0002	0.9998	0.9998	0.0000
2024-01-14T09:48:28	1	0	7	7	0	1.0470	1.0465	-0.0005	-0.989	-0.9894	0.0004
2024-01-14T09:48:28	1	0	12	11	1	0.9939	0.9985	0.0046	0.9872	0.9872	0.0000
2024-01-14T09:48:55	1	0	5	5	0	1.0415	1.0414	-0.0001	-0.9997	-0.9997	0.0000
2024-01-14T09:50:21	6	0	9	9	0	1.0298	1.0291	-0.0007	0.9992	0.9992	0.0000
2024-01-14T09:58:12	3	0	306	304	2	1.0646	1.0646	0.0000	0.9963	0.9964	-0.0001
2024-01-14T09:58:59	1	0	2	2	0	1.0507	1.0505	-0.0002	-0.998	-0.998	0.0000
2024-01-14T09:59:22	4	0	11	11	0	1.0511	1.0508	-0.0002	0.9974	0.9974	0.0000
2024-01-14T10:01:32	2	0	98	98	0	0.9382	0.9384	0.0002	0.9978	0.9978	0.0000
2024-01-14T10:02:09	4	0	3	3	0	1.0325	1.0314	-0.0011	0.9996	0.9996	0.0000

2024-01-14T10:02:43	1	0	31	31	0	0.9476	0.9476	0.0000	0.9558	0.9557	0.0001
2024-01-14T10:03:17	1	0	106	106	0	0.9598	0.9600	0.0002	0.9923	0.9922	0.0001
2024-01-14T10:03:29	1	0	13	13	0	1.0474	1.0471	-0.0002	-0.9877	-0.9906	0.0029
2024-01-14T10:05:12	2	0	18	17	1	1.0443	1.0447	0.0005	1	0.9999	0.0001
2024-01-14T10:05:18	3	0	10	10	0	1.0401	1.0401	-0.0001	0.9873	0.9875	-0.0002
2024-01-14T10:05:22	3	0	7	7	0	1.0336	1.0338	0.0002	0.9993	0.9993	0.0000
2024-01-14T10:06:34	2	0	9	9	0	1.0398	1.0397	-0.0001	-0.996	-0.9961	0.0001
2024-01-14T10:06:43	3	0	3	3	0	1.0074	1.0069	-0.0005	0.9927	0.9927	0.0000
2024-01-14T10:06:56	1	0	1	0	1	1.0147	null	null	-0.9903	-0.9904	0.0001
2024-01-14T10:09:40	5	0	117	112	5	0.9341	0.9353	0.0012	-0.999	-0.9994	0.0004
2024-01-14T10:09:50	1	0	72	72	0	0.9188	0.9187	-0.0001	0.9951	0.9951	0.0000
2024-01-14T10:12:41	3	0	229	225	4	1.0594	1.0593	-0.0001	0.9986	0.9984	0.0002
2024-01-14T10:13:13	7	0	472	466	6	1.0726	1.0725	-0.0001	0.9999	0.9999	0.0000
2024-01-14T10:13:17	2	0	2	2	0	0.9714	0.9710	-0.0004	-0.994	-0.9939	-0.0001
2024-01-14T10:13:38	2	0	203	200	3	0.9417	0.9418	0.0001	0.9946	0.9945	0.0001
2024-01-14T10:14:15	2	0	16	16	0	1.0480	1.0479	0.0000	-0.9816	-0.9816	0.0000
2024-01-14T10:14:33	1	0	1	1	0	1.0370	1.0366	-0.0004	0.9995	0.9995	0.0000
2024-01-14T10:17:02	1	0	4	4	0	1.0053	1.0055	0.0003	0.9961	0.9961	0.0000
2024-01-14T10:18:30	1	0	13	13	0	1.0477	1.0475	-0.0003	-0.9882	-0.9885	0.0003
2024-01-14T10:18:30	3	0	4	3	1	0.9481	0.9512	0.0030	0.9889	0.9892	-0.0003
2024-01-14T10:18:57	1	0	3	3	0	1.0407	1.0405	-0.0002	-0.9997	-0.9997	0.0000
2024-01-14T10:23:20	5	0	8	5	3	0.9426	0.9426	0.0000	0.9923	0.9926	-0.0003
2024-01-14T10:25:31	1	0	7	7	0	1.0260	1.0259	-0.0001	0.991	0.991	0.0000
2024-01-14T10:25:51	1	0	5	4	1	0.9433	0.9434	0.0001	0.9909	0.9909	0.0000
2024-01-14T10:26:41	1	0	2	2	0	1.0204	1.0202	-0.0002	0.9815	0.9815	0.0000
2024-01-14T10:27:54	1	0	54	53	1	1.0499	1.0498	-0.0001	-0.9995	-0.9995	0.0000
2024-01-14T10:30:42	1	0	1	1	0	0.9643	0.9643	0.0000	1	1	0.0000
2024-01-14T10:31:00	1	0	57	57	0	1.0681	1.0675	-0.0006	0.9692	0.9999	-0.0307
2024-01-14T10:32:18	3	0	7	7	0	0.9663	0.9797	0.0133	0.9896	0.9896	0.0000
2024-01-14T10:33:31	2	0	9	10	-1	1.0179	1.0215	0.0036	0.9904	0.9906	-0.0002
2024-01-14T10:35:00	1	0	7	7	0	1.0471	1.0470	-0.0001	0.9961	0.996	0.0001
2024-01-14T10:35:24	1	0	3	3	0	0.9983	0.9984	0.0001	0.9992	0.9989	0.0003
2024-01-14T10:36:50	4	0	95	84	11	1.0014	1.0066	0.0053	0.9994	0.9994	0.0000
2024-01-14T10:37:46	1	0	1	1	0	0.9647	0.9652	0.0005	0.9875	0.9875	0.0000
2024-01-14T10:39:52	1	0	77	77	0	0.9259	0.9259	0.0000	0.9953	0.9944	0.0009
2024-01-14T10:40:39	3	0	57	47	10	0.9394	0.9399	0.0004	-0.9979	-0.9974	-0.0005
2024-01-14T10:43:00	3	0	28	25	3	0.9856	0.9859	0.0003	0.9732	0.9731	0.0001
2024-01-14T10:45:15	3	0	2	1	1	1.0427	1.0267	-0.0160	-0.9982	-0.9983	0.0001
2024-01-14T10:45:43	1	0	1	1	0	0.9655	0.9661	0.0006	0.9999	1	-0.0001
2024-01-14T10:46:01	1	0	3	3	0	1.0487	1.0482	-0.0005	0.9813	0.981	0.0003
2024-01-14T10:46:06	2	0	23	23	0	1.0553	1.0551	-0.0003	0.9886	0.9882	0.0004
2024-01-14T10:48:32	1	0	7	7	0	1.0383	1.0205	-0.0177	0.9803	0.9799	0.0004
2024-01-14T10:49:02	1	0	23	23	0	1.0486	1.0485	-0.0001	0.9944	0.9944	0.0000
2024-01-14T10:50:01	1	0	5	5	0	1.0435	1.0435	0.0000	0.9961	0.9959	0.0002
2024-01-14T10:51:11	2	0	4	4	0	1.0399	1.0397	-0.0002	0.9997	0.9997	0.0000
2024-01-14T10:54:48	1	0	87	86	1	1.0585	1.0585	0.0000	0.9782	0.9776	0.0006
2024-01-14T10:54:53	3	0	70	70	0	0.9337	0.9340	0.0003	0.997	0.997	0.0000
2024-01-14T10:58:01	1	0	13	13	0	1.0420	1.0419	0.0000	0.9882	0.9881	0.0001
2024-01-14T10:58:16	1	0	142	142	0	1.0570	1.0570	0.0000	0.9798	0.9797	0.0001
2024-01-14T10:59:17	1	0	15	13	2	1.0512	1.0520	0.0009	0.999	0.999	0.0000
2024-01-14T11:00:14	10	0	9	7	2	1.0306	1.0261	-0.0045	0.9968	0.9962	0.0006
2024-01-14T11:01:24	1	0	5	5	0	1.0441	1.0435	-0.0005	0.9979	0.9978	0.0001
2024-01-14T11:01:50	1	0	12	11	1	1.0497	1.0501	0.0003	0.9941	0.9941	0.0000
2024-01-14T11:01:53	2	0	2	2	0	1.0376	1.0370	-0.0006	1	1	0.0000
2024-01-14T11:02:13	3	0	3	2	1	1.0331	1.0323	-0.0008	0.9992	0.9992	0.0000
2024-01-14T11:03:21	1	0	100	100	0	0.9496	0.9497	0.0000	0.9914	0.9911	0.0003
2024-01-14T11:03:45	1	0	1	0	1	1.0086	null	null	0.9906	0.9906	0.0000
2024-01-14T11:03:56	1	0	1	1	0	1.0456	1.0453	-0.0003	-0.9961	-0.9961	0.0000
2024-01-14T11:04:01	1	0	2	2	0	1.0294	1.0290	-0.0004	-1	-1	0.0000
2024-01-14T11:04:47	1	0	2	2	0	1.0323	1.0321	-0.0002	0.9989	0.9989	0.0000
2024-01-14T11:05:16	1	0	28	27	1	1.0493	1.0490	-0.0003	0.9999	0.9999	0.0000
2024-01-14T11:05:24	1	0	89	87	2	0.9410	0.9411	0.0002	0.9978	0.9979	-0.0001
2024-01-14T11:06:34	3	0	2	2	0	1.0645	1.0634	-0.0010	-0.9221	-0.9269	0.0048
2024-01-14T11:06:37	3	0	1	1	0	1.0297	1.0291	-0.0006	0.9786	0.9777	0.0009
2024-01-14T11:09:44	1	0	71	71	0	0.9395	0.9398	0.0003	-0.9991	-0.9991	0.0000
2024-01-14T11:09:54	1	0	64	64	0	0.9203	0.9202	-0.0001	0.9974	0.9975	-0.0001
2024-01-14T11:13:17	1	0	209	206	3	1.0588	1.0588	0.0000	0.987	0.9869	0.0001
2024-01-14T11:13:39	1	0	2	2	0	1.0310	1.0308	-0.0002	0.996	0.9959	0.0001
2024-01-14T11:14:27	1	0	12	12	0	1.0507	1.0507	0.0000	0.997	0.9971	-0.0001
2024-01-14T11:15:34	1	0	12	11	1	1.0470	1.0470	0.0000	0.9988	0.9988	0.0000
2024-01-14T11:16:08	2	0	19	19	0	1.0534	1.0533	-0.0001	0.9885	0.9882	0.0003
2024-01-14T11:16:20	2	0	1	1	0	0.9890	0.9901	0.0011	-0.9797	-0.9794	-0.0003
2024-01-14T11:18:43	1	0	1	1	0	1.0576	1.0576	0.0000	0.9991	0.999	0.0001
2024-01-14T11:18:46	1	0	2	2	0	0.9837	0.9837	-0.0001	0.9902	0.9902	0.0000
2024-01-14T11:18:55	2	0	111	103	8	0.9421	0.9424	0.0003	0.9792	0.9795	-0.0003
2024-01-14T11:22:04	1	0	1	1	0	1.0208	1.0205	-0.0003	0.9955	0.9954	0.0001
2024-01-14T11:22:07	1	0	1	1	0	1.0563	1.0552	-0.0011	-0.9961	-0.9961	0.0000
2024-01-14T11:24:19	1	0	1	1	0	0.9805	0.9809	0.0004	0.9961	0.9962	-0.0001
2024-01-14T11:24:24	1	0	87	84	3	1.0678	1.0676	-0.0002	-0.9993	-0.9994	0.0001
2024-01-14T11:25:41	2	0	18	17	1	0.9465	0.9432	-0.0033	-0.9979	-0.998	0.0001
2024-01-14T11:25:42	1	0	37	37	0	0.9408	0.9411	0.0003	-0.9933	-0.993	-0.0003
2024-01-14T11:26:51	1	0	20	21	-1	1.0507	1.0508	0.0000	0.9872	0.9874	-0.0002
2024-01-14T11:27:26	4	0	13	11	2	1.0424	1.0404	-0.0020	0.9988	0.9988	0.0000
2024-01-14T11:27:41	1	0	254	254	0	0.9153	0.9153	0.0000	0.9966	0.9966	0.0000
2024-01-14T11:29:20	1	0	7	7	0	1.0484	1.0484	0.0000	-0.9887	-0.9886	-0.0001

2024-01-14T11:30:16	9	0	1	1	0	1.0316	1.0316	0.0000	0.9924	0.9925	-0.0001
2024-01-14T11:30:18	1	0	2	1	1	1.0426	1.0261	-0.0165	-0.9985	-0.9985	0.0000
2024-01-14T11:32:22	3	0	5	4	1	0.9810	0.9599	-0.0211	0.9865	0.9865	0.0000
2024-01-14T11:32:37	4	0	21	20	1	1.0452	1.0441	-0.0011	0.9981	0.9978	0.0003
2024-01-14T11:33:02	1	0	23	22	1	1.0509	1.0512	0.0002	0.984	0.9838	0.0002
2024-01-14T11:33:35	1	0	2	3	-1	1.0466	1.0494	0.0029	-0.9902	-0.9902	0.0000
2024-01-14T11:33:56	3	0	84	84	0	0.9413	0.9413	0.0000	0.9795	0.9794	0.0001
2024-01-14T11:34:47	4	0	5	4	1	1.0473	1.0463	-0.0010	0.994	0.9937	0.0003
2024-01-14T11:35:28	10	0	9	10	-1	1.0416	1.0409	-0.0008	0.9998	0.9998	0.0000
2024-01-14T11:36:40	2	0	9	9	0	1.0404	1.0403	-0.0001	0.9709	0.9708	0.0001
2024-01-14T11:36:43	2	0	2	2	0	1.0613	1.0613	0.0000	-0.9941	-0.9941	0.0000
2024-01-14T11:39:25	2	0	6	7	-1	1.0544	1.0532	-0.0012	0.9964	0.9964	0.0000
2024-01-14T11:42:42	1	0	249	250	-1	0.9166	0.9166	0.0000	0.996	0.996	0.0000
2024-01-14T11:43:08	2	0	50	49	1	1.0538	1.0537	0.0000	0.9999	0.9999	0.0000
2024-01-14T11:44:21	1	0	7	7	0	1.0514	1.0514	0.0000	-0.989	-0.9889	-0.0001
2024-01-14T11:44:29	4	0	212	211	1	0.9089	0.9095	0.0005	0.9985	0.9985	0.0000
2024-01-14T11:44:55	8	0	125	119	6	0.9050	0.9054	0.0004	0.9988	0.999	-0.0002
2024-01-14T11:46:12	3	0	6	6	0	1.0296	1.0294	-0.0002	-0.9973	-0.9974	0.0001
2024-01-14T11:47:29	1	0	4	4	0	0.9502	0.9506	0.0004	0.9774	0.9775	-0.0001
2024-01-14T11:48:03	4	0	35	33	2	1.0524	1.0522	-0.0003	0.9822	0.982	0.0002
2024-01-14T11:51:37	3	0	1	2	-1	1.0727	1.0640	-0.0087	-0.9407	-0.9393	-0.0014
2024-01-14T11:51:44	1	0	4	4	0	1.0516	1.0516	0.0000	-0.9935	-0.9935	0.0000
2024-01-14T11:57:43	1	0	262	262	0	0.9111	0.9111	0.0000	0.995	0.995	0.0000
2024-01-14T11:58:01	1	0	67	66	1	1.0518	1.0517	-0.0001	-0.9997	-0.9997	0.0000
2024-01-14T12:06:45	1	0	3	3	0	1.0530	1.0530	0.0000	-0.9958	-0.9959	0.0001
2024-01-14T12:15:19	8	0	4	5	-1	1.0362	1.0368	0.0006	0.9948	0.9951	-0.0003
2024-01-14T12:17:31	2	0	1	1	0	1.0555	1.0551	-0.0004	0.9815	0.9814	0.0001
2024-01-14T12:24:48	1	0	191	10	181	0.9302	0.9734	0.0433	0.9998	-0.9999	-0.0003
2024-01-14T12:25:52	1	0	74	73	1	1.0654	1.0654	0.0000	-0.9693	-0.9692	-0.0001
2024-01-14T12:30:16	1	0	1	1	0	1.0576	1.0562	-0.0014	-0.9996	-0.9996	0.0000
2024-01-14T12:32:26	2	0	4	3	1	0.9966	0.9756	-0.0209	0.9863	0.9863	0.0000
2024-01-14T12:33:23	1	0	48	47	1	1.0564	1.0564	0.0000	-0.9842	-0.9842	0.0000
2024-01-14T12:35:24	1	0	192	192	0	0.9110	0.9112	0.0002	0.9871	0.9872	-0.0001
2024-01-14T12:41:56	1	0	11	10	1	1.0516	1.0509	-0.0007	0.9872	0.9871	0.0001
2024-01-14T12:47:42	3	0	8	8	0	0.9926	1.0072	0.0146	0.9832	0.9837	-0.0005
2024-01-14T13:00:30	2	0	145	144	1	0.9090	0.9098	0.0008	-1	-1	0.0000
2024-01-14T13:02:13	1	0	5	5	0	0.9573	0.9575	0.0001	0.9872	0.9872	0.0000
2024-01-14T13:17:36	1	0	82	81	1	1.0510	1.0509	-0.0001	-0.992	-0.992	0.0000
2024-01-14T13:30:38	1	0	6	6	0	1.0342	1.0342	0.0000	0.9974	0.9974	0.0000
2024-01-14T13:32:45	1	0	10	10	0	1.0381	1.0380	-0.0001	0.9864	0.9865	-0.0001
2024-01-14T13:34:55	3	0	4	5	-1	1.0503	1.0515	0.0012	0.999	0.9991	-0.0001
2024-01-14T13:42:39	1	0	118	117	1	1.0529	1.0529	0.0000	-0.9985	-0.9985	0.0000
2024-01-14T13:46:00	8	0	9	10	-1	1.0505	1.0512	0.0008	-1	-1	0.0000
2024-01-14T13:47:16	1	0	4	4	0	1.0348	1.0348	-0.0001	0.9901	0.9901	0.0000
2024-01-14T13:47:46	1	0	9	10	-1	1.0405	1.0342	-0.0063	0.9848	0.9849	-0.0001
2024-01-14T13:48:03	3	0	18	16	2	1.0436	1.0416	-0.0019	0.9617	0.9677	-0.0060
2024-01-14T13:48:43	1	0	86	86	0	0.9543	0.9543	0.0000	0.9999	1	-0.0001
2024-01-14T13:54:37	2	0	1	1	0	0.9373	0.9390	0.0017	0.9933	0.9715	0.0218
2024-01-14T13:57:40	2	0	133	132	1	1.0536	1.0536	0.0000	-0.9993	-0.9988	-0.0005
2024-01-14T13:59:53	7	0	9	9	0	1.0299	1.0298	-0.0001	-0.999	-0.999	0.0000
2024-01-14T14:01:44	2	0	2	2	0	1.0274	1.0270	-0.0005	0.9938	0.9938	0.0000
2024-01-14T14:02:50	2	0	6	6	0	1.0231	1.0231	0.0000	0.9868	0.9868	0.0000
2024-01-14T14:03:33	1	0	5	9	-4	1.0054	0.9781	-0.0273	0.9927	0.9928	-0.0001
2024-01-14T14:03:44	2	0	52	52	0	0.9679	0.9679	0.0000	1	1	0.0000
2024-01-14T14:05:18	3	0	8	8	0	0.9424	0.9434	0.0010	-0.9919	-0.9915	-0.0004
2024-01-14T14:05:23	5	0	9	8	1	1.0518	1.0505	-0.0014	0.9945	0.9904	0.0041
2024-01-14T14:07:13	2	0	3	3	0	0.9539	0.9538	-0.0001	-0.9941	-0.9941	0.0000
2024-01-14T14:10:03	1	0	10	10	0	1.0479	1.0477	-0.0002	1	1	0.0000
2024-01-14T14:11:34	3	0	28	27	1	1.0493	1.0490	-0.0003	-0.9108	-0.9111	0.0003
2024-01-14T14:13:25	1	0	5	5	0	1.0387	1.0386	0.0000	0.9999	0.9999	0.0000
2024-01-14T14:13:51	1	0	2	2	0	1.0463	1.0462	-0.0001	0.9967	0.9967	0.0000
2024-01-14T14:14:25	3	0	34	32	2	1.0490	1.0486	-0.0004	-0.9982	-0.9982	0.0000
2024-01-14T14:14:26	1	0	2	2	0	1.0272	1.0271	-0.0002	-0.9991	-0.9992	0.0001
2024-01-14T14:14:54	9	0	8	8	0	1.0291	1.0289	-0.0002	-0.999	-0.9991	0.0001
2024-01-14T14:16:15	7	0	1	1	0	1.0155	1.0154	-0.0001	0.9152	0.9146	0.0006
2024-01-14T14:18:05	1	0	16	14	2	1.0392	1.0368	-0.0024	0.9559	0.9556	0.0003
2024-01-14T14:18:37	3	0	4	4	0	1.0583	1.0581	-0.0002	-0.9747	-0.9753	0.0006
2024-01-14T14:18:37	3	0	4	4	0	1.0383	1.0386	0.0003	0.9998	0.9998	0.0000
2024-01-14T14:18:45	1	0	5	5	0	1.0206	1.0206	0.0000	-0.9998	-0.9998	0.0000
2024-01-14T14:20:00	1	0	15	14	1	1.0535	1.0534	-0.0001	0.9996	0.9997	-0.0001
2024-01-14T14:20:19	2	0	8	8	0	0.9421	0.9423	0.0002	-0.9909	-0.9908	-0.0001
2024-01-14T14:21:54	1	0	3	3	0	1.0521	1.0520	-0.0002	-0.992	-0.9921	0.0001
2024-01-14T14:22:14	2	0	3	3	0	0.9521	0.9519	-0.0002	-0.9958	-0.9958	0.0000
2024-01-14T14:22:27	1	0	4	4	0	1.0344	1.0342	-0.0001	0.978	0.9779	0.0001
2024-01-14T14:22:55	1	0	1	1	0	1.0588	1.0584	-0.0004	0.9933	0.9932	0.0001
2024-01-14T14:24:36	5	0	33	33	0	1.0541	1.0541	0.0000	0.9984	0.9984	0.0000
2024-01-14T14:24:36	1	0	3	3	0	1.0330	1.0329	-0.0001	0.9901	0.9901	0.0000
2024-01-14T14:24:39	2	0	3	3	0	1.0411	1.0408	-0.0003	0.9844	0.992	-0.0076
2024-01-14T14:25:49	1	0	2	2	0	1.0372	1.0371	-0.0002	-0.9872	-0.9872	0.0000
2024-01-14T14:26:35	1	0	18	18	0	1.0474	1.0474	0.0000	-0.9204	-0.9204	0.0000
2024-01-14T14:27:27	1	0	13	13	0	1.0467	1.0467	0.0000	0.9983	0.9983	0.0000
2024-01-14T14:31:10	4	0	11	11	0	1.0517	1.0515	-0.0002	0.9997	0.9996	0.0001
2024-01-14T14:31:30	3	0	11	10	1	0.9420	0.9420	0.0000	-0.9903	-0.99	-0.0003
2024-01-14T14:31:45	4	0	17	16	1	1.0520	1.0520	0.0001	0.9923	0.9921	0.0002
2024-01-14T14:31:52	1	0	1	0	1	1.0611	null	null	-1	-1	0.0000

2024-01-14T14:32:36	2	0	5	5	0	1.0317	1.0317	0.0000	0.997	0.9971	-0.0001
2024-01-14T14:33:02	1	0	2	2	0	1.0375	1.0375	0.0000	-0.9984	-0.9984	0.0000
2024-01-14T14:33:17	1	0	41	35	6	1.0613	1.0605	-0.0008	0.9954	0.9954	0.0000
2024-01-14T14:33:56	4	0	14	14	0	1.0511	1.0508	-0.0003	-0.9978	-0.9979	0.0001
2024-01-14T14:34:07	1	0	1	1	0	1.0579	1.0578	-0.0001	0.991	0.991	0.0000
2024-01-14T14:35:47	1	0	2	2	0	1.0503	1.0502	-0.0001	0.9855	0.9854	0.0001
2024-01-14T14:36:09	1	0	140	140	0	0.9126	0.9127	0.0001	0.9987	0.9987	0.0000
2024-01-14T14:37:12	1	0	87	87	0	1.0674	1.0673	0.0000	-0.9717	-0.9718	0.0001
2024-01-14T14:37:32	1	0	3	3	0	1.0303	1.0303	0.0000	0.9837	0.9837	0.0000
2024-01-14T14:39:10	1	0	523	505	18	1.0659	1.0660	0.0001	0.9994	0.9993	0.0001
2024-01-14T14:39:21	1	0	2	2	0	1.0475	1.0472	-0.0003	0.9968	0.9968	0.0000
2024-01-14T14:39:25	3	0	27	27	0	1.0415	1.0421	0.0005	0.9956	0.9955	0.0001
2024-01-14T14:40:28	2	0	3	3	0	1.0473	1.0469	-0.0003	0.9999	0.9998	0.0001
2024-01-14T14:40:35	2	0	31	31	0	1.0482	1.0481	-0.0001	-0.9984	-0.9985	0.0001
2024-01-14T14:40:44	1	0	12	12	0	1.0518	1.0518	0.0000	-0.9826	-0.9825	-0.0001
2024-01-14T14:41:36	1	0	142	141	1	1.0539	1.0538	-0.0001	-0.9993	-0.9993	0.0000
2024-01-14T14:42:09	3	0	4	4	0	1.0112	1.0113	0.0001	1	-1	0.0000
2024-01-14T14:42:11	1	0	2	2	0	1.0297	1.0267	-0.0030	0.9168	0.917	-0.0002
2024-01-14T14:42:17	4	0	15	14	1	1.0540	1.0537	-0.0003	-0.9916	-0.9921	0.0005
2024-01-14T14:42:28	5	0	8	8	0	1.0395	1.0390	-0.0005	-0.9979	-0.9994	0.0015
2024-01-14T14:43:44	2	0	6	7	-1	0.9549	0.9692	0.0143	0.9841	0.9841	0.0000
2024-01-14T14:44:45	1	0	77	76	1	0.9467	0.9477	0.0010	0.9902	0.9903	-0.0001
2024-01-14T14:44:56	2	0	10	9	1	1.0482	1.0468	-0.0014	-0.9878	-0.9883	0.0005
2024-01-14T14:44:58	4	0	20	19	1	0.9873	0.9836	-0.0036	0.9879	0.988	-0.0001
2024-01-14T14:46:20	6	0	29	29	0	1.0536	1.0535	0.0000	0.9983	0.9983	0.0000
2024-01-14T14:46:41	3	0	3	3	0	1.0041	1.0042	0.0001	-1	-1	0.0000
2024-01-14T14:46:51	8	0	12	9	3	1.0469	1.0454	-0.0015	1	0.9999	0.0001
2024-01-14T14:47:36	2	0	3	3	0	1.0274	1.0274	0.0000	0.9973	0.9974	-0.0001
2024-01-14T14:55:44	1	0	13	13	0	1.0492	1.0491	-0.0001	-0.9814	-0.9815	0.0001
2024-01-14T14:57:12	7	0	2	2	0	1.0182	1.0152	-0.0030	0.9167	0.9118	0.0049
2024-01-14T14:57:29	8	0	8	8	0	1.0318	1.0318	-0.0001	-0.9974	-0.9982	0.0008
2024-01-14T14:58:30	2	0	4	4	0	1.0294	1.0292	-0.0002	0.9964	0.9964	0.0000
2024-01-14T14:58:37	2	0	1	0	1	1.0265	null	null	0.9994	0.9994	0.0000
2024-01-14T14:58:50	1	0	1	0	1	1.0554	null	null	0.9809	0.9809	0.0000
2024-01-14T15:00:23	1	0	2	2	0	1.0355	1.0355	-0.0001	-0.9932	-0.9932	0.0000
2024-01-14T15:07:08	2	0	45	44	1	0.9382	0.9384	0.0002	-0.9983	-0.9981	-0.0002
2024-01-14T15:11:42	1	0	1	1	0	1.0327	1.0326	-0.0001	-0.999	-0.999	0.0000
2024-01-14T15:12:21	7	0	74	75	-1	0.9301	0.9299	-0.0002	0.9961	0.9952	0.0009
2024-01-14T15:12:30	1	0	8	8	0	1.0290	1.0290	0.0000	-0.9996	-0.9996	0.0000
2024-01-14T15:13:46	1	0	5	6	-1	0.9606	0.9764	0.0157	0.99	0.99	0.0000
2024-01-14T15:14:58	1	0	5	5	0	1.0475	1.0468	-0.0007	-0.9884	-0.9889	0.0005
2024-01-14T15:15:08	1	0	2	2	0	1.0533	1.0531	-0.0003	0.9995	0.9995	0.0000
2024-01-14T15:15:44	2	0	8	8	0	1.0228	1.0229	0.0001	0.9886	0.9888	-0.0002
2024-01-14T15:18:26	4	0	7	7	0	0.9604	0.9606	0.0002	-0.9977	-0.9976	-0.0001
2024-01-14T15:23:44	2	0	1	0	1	0.9940	null	null	-0.985	-0.985	0.0000
2024-01-14T15:26:41	9	0	11	11	0	1.0228	1.0223	-0.0004	0.9816	0.9812	0.0004
2024-01-14T15:27:14	1	0	1	1	0	1.0125	1.0115	-0.0010	0.9142	0.9133	0.0009
2024-01-14T15:29:59	1	0	2	0	2	1.0455	null	null	-0.9897	-0.9899	0.0002
2024-01-14T15:30:23	3	0	28	26	2	0.9458	0.9460	0.0002	0.9901	0.9902	-0.0001
2024-01-14T15:31:49	1	0	9	9	0	1.0263	1.0264	0.0002	0.9882	0.9884	-0.0002
2024-01-14T15:40:47	1	0	9	9	0	1.0479	1.0479	0.0000	-0.984	-0.9839	-0.0001
2024-01-14T15:43:33	1	0	18	16	2	0.9607	0.9629	0.0022	0.9904	0.9904	0.0000
2024-01-14T15:45:00	1	0	2	0	2	1.0455	null	null	-0.9893	-0.9895	0.0002
2024-01-14T15:45:24	1	0	70	70	0	0.9438	0.9438	0.0000	0.9905	0.9905	0.0000
2024-01-14T15:46:55	11	0	11	10	1	1.0374	1.0434	0.0060	0.9999	0.9999	0.0000
2024-01-14T15:52:02	1	0	10	10	0	0.9746	0.9748	0.0002	0.9914	0.9914	0.0000
2024-01-14T15:53:46	2	0	1	1	0	0.9909	0.9915	0.0006	-0.9873	-0.9872	-0.0001
2024-01-14T15:56:19	1	0	6	6	0	0.9430	0.9432	0.0002	0.9775	0.9775	0.0000
2024-01-14T15:57:24	1	0	87	86	1	0.9153	0.9154	0.0000	0.9944	0.9944	0.0000
2024-01-14T16:00:44	1	0	2	2	0	1.0284	1.0283	-0.0002	-0.9827	-0.9827	0.0000
2024-01-14T16:04:51	1	0	1	1	0	1.0311	1.0306	-0.0005	0.9922	0.9911	0.0011
2024-01-14T16:15:15	2	0	1	1	0	0.9437	0.9447	0.0010	0.9995	0.9995	0.0000
2024-01-14T16:21:16	5	0	215	208	7	0.8874	0.8882	0.0008	0.9998	0.9998	0.0000
2024-01-14T16:21:55	1	0	176	176	0	0.9278	0.9278	0.0000	1	1	0.0000
2024-01-14T16:28:04	3	0	9	8	1	0.9540	0.9560	0.0020	0.9927	0.9927	0.0000
2024-01-14T16:30:54	3	0	396	384	12	0.8980	0.8985	0.0005	0.995	0.9943	0.0007
2024-01-14T16:34:16	4	0	5	5	0	1.0302	1.0306	0.0003	0.9953	0.9954	-0.0001
2024-01-14T16:50:20	2	0	3	3	0	0.9401	0.9414	0.0013	0.999	0.9991	-0.0001
2024-01-14T16:50:42	1	0	5	5	0	1.0467	1.0466	0.0000	0.9971	0.9973	-0.0002
2024-01-14T17:00:40	1	0	5	5	0	0.9598	0.9605	0.0007	0.9908	0.9909	-0.0001
2024-01-14T17:01:34	1	0	181	179	2	1.0629	1.0629	0.0000	0.9999	0.9999	0.0000
2024-01-14T17:06:09	1	0	166	166	0	0.9212	0.9211	0.0000	0.982	0.9816	0.0004
2024-01-14T17:58:14	3	0	140	140	0	0.9446	0.9447	0.0001	0.9937	0.9937	0.0000
2024-01-14T18:20:07	2	0	29	28	1	0.9379	0.9380	0.0001	0.9984	0.9983	0.0001
2024-01-14T18:23:42	1	0	138	137	1	0.9258	0.9258	0.0000	0.9783	0.9782	0.0001
2024-01-14T18:26:46	1	0	136	136	0	0.9356	0.9357	0.0000	0.9851	0.9851	0.0000
2024-01-14T18:29:12	3	0	3	3	0	0.9907	0.9907	0.0000	0.9896	0.9894	0.0002
2024-01-15T07:53:14	3	0	70	70	0	0.9445	0.9446	0.0001	0.9979	0.9979	0.0000
2024-01-15T07:53:20	2	0	166	166	0	0.8895	0.8896	0.0001	0.9658	0.9657	0.0001
2024-01-15T07:55:59	1	0	108	108	0	0.9032	0.9032	0.0000	0.9957	0.9957	0.0000
2024-01-15T07:56:06	2	0	142	142	0	0.9047	0.9049	0.0002	0.993	0.9931	-0.0001
2024-01-15T07:56:10	1	0	90	89	1	1.0578	1.0578	0.0000	0.9868	0.9861	0.0007
2024-01-15T07:56:30	1	0	34	33	1	0.9435	0.9436	0.0000	0.9883	0.9876	0.0007
2024-01-15T07:59:00	3	0	296	296	0	0.9101	0.9102	0.0000	0.9894	0.9895	-0.0001
2024-01-15T07:59:37	1	0	460	459	1	1.0657	1.0657	0.0000	0.9819	0.9819	0.0000

2024-01-15T08:02:56	5	0	84	83	1	0.9242	0.9241	-0.0001	0.9957	0.9957	0.0000
2024-01-15T08:06:28	1	0	114	114	0	0.9301	0.9302	0.0000	-0.9998	-0.9998	0.0000
2024-01-15T08:06:45	3	0	67	63	4	0.9419	0.9419	0.0000	0.9964	0.9964	0.0000
2024-01-15T08:08:10	2	0	16	16	0	0.9337	0.9339	0.0002	0.9856	0.9854	0.0002
2024-01-15T08:11:40	1	0	118	118	0	1.0582	1.0582	0.0000	0.9997	0.9997	0.0000
2024-01-15T08:12:05	1	0	103	103	0	0.9247	0.9247	0.0001	-0.9812	-0.9803	-0.0009
2024-01-15T08:14:38	5	0	593	591	2	1.0686	1.0686	0.0000	0.9863	0.988	-0.0017
2024-01-15T08:18:38	2	0	625	625	0	1.0819	1.0819	0.0000	1	1	0.0000
2024-01-15T08:19:43	1	0	106	106	0	0.9343	0.9344	0.0001	0.9858	0.986	-0.0002
2024-01-15T08:19:56	1	0	25	25	0	0.9466	0.9467	0.0001	0.9754	0.9754	0.0000
2024-01-15T08:26:07	1	0	110	110	0	0.9056	0.9056	0.0000	0.994	0.994	0.0000
2024-01-15T08:31:04	2	0	30	25	5	0.9481	0.9490	0.0009	0.9957	0.9958	-0.0001
2024-01-15T08:34:40	1	0	346	346	0	1.0708	1.0707	0.0000	-0.9783	-0.9783	0.0000
2024-01-15T08:38:15	1	0	19	15	4	0.9410	0.9403	-0.0007	0.9998	0.9998	0.0000
2024-01-15T08:42:32	2	0	224	216	8	0.9630	0.9640	0.0011	0.9794	0.9794	0.0000
2024-01-15T08:45:09	1	0	1	1	0	1.0283	1.0280	-0.0003	0.9982	0.9982	0.0000
2024-01-15T08:45:50	1	0	11	11	0	1.0529	1.0528	0.0000	0.998	0.998	0.0000
2024-01-15T08:47:59	1	0	57	57	0	0.9322	0.9323	0.0000	0.9966	0.9966	0.0000
2024-01-15T08:53:18	2	0	43	43	0	0.9524	0.9524	0.0000	0.9912	0.9912	0.0000
2024-01-15T08:55:48	1	0	4	4	0	0.9417	0.9419	0.0002	0.9872	0.9872	0.0000
2024-01-15T08:56:10	2	0	136	136	0	0.9165	0.9165	0.0000	0.9942	0.9942	0.0000
2024-01-15T09:02:25	2	0	85	83	2	0.9420	0.9421	0.0001	0.9909	0.991	-0.0001
2024-01-15T09:03:51	1	0	15	15	0	0.9467	0.9469	0.0002	0.9846	0.9846	0.0000
2024-01-15T09:03:55	4	0	56	53	3	0.9934	0.9934	-0.0001	0.9877	0.9878	-0.0001
2024-01-15T09:04:38	2	0	194	194	0	0.9647	0.9647	0.0000	0.9796	0.9796	0.0000
2024-01-15T09:05:24	2	0	2	2	0	0.9442	0.9442	0.0000	0.9999	0.9999	0.0000
2024-01-15T09:05:42	1	0	14	14	0	1.0475	1.0474	-0.0001	-0.9616	-0.9616	0.0000
2024-01-15T09:06:47	1	0	138	138	0	0.9107	0.9114	0.0007	0.9937	0.9937	0.0000
2024-01-15T09:06:51	1	0	98	98	0	1.0236	1.0235	-0.0001	0.9855	0.9855	0.0000
2024-01-15T09:09:41	4	0	274	273	1	0.9001	0.9002	0.0002	0.9896	0.9898	-0.0002
2024-01-15T09:09:48	2	0	52	51	1	1.0546	1.0544	-0.0002	-0.9977	-0.9974	-0.0003
2024-01-15T09:10:18	6	0	579	569	10	1.0667	1.0667	0.0000	0.9804	0.9822	-0.0018
2024-01-15T09:11:28	1	0	22	22	0	1.0535	1.0535	0.0000	0.9979	0.9979	0.0000
2024-01-15T09:11:41	2	0	31	30	1	0.9475	0.9477	0.0002	0.9963	0.9963	0.0000
2024-01-15T09:12:49	7	0	70	70	0	0.9451	0.9460	0.0009	0.9905	0.9909	-0.0004
2024-01-15T09:13:37	6	0	51	49	2	0.9382	0.9386	0.0004	0.9919	0.992	-0.0001
2024-01-15T09:14:18	3	0	623	623	0	1.0820	1.0820	0.0000	1	1	0.0000
2024-01-15T09:15:19	1	0	303	303	0	1.0674	1.0674	0.0000	-0.9734	-0.9733	-0.0001
2024-01-15T09:15:23	2	0	96	95	1	0.9327	0.9342	0.0014	0.9858	0.986	-0.0002
2024-01-15T09:17:05	1	0	1	1	0	0.9444	0.9447	0.0003	0.9957	0.9958	-0.0001
2024-01-15T09:17:24	1	0	22	22	0	0.9690	0.9691	0.0000	0.9703	0.9702	0.0001
2024-01-15T09:18:51	3	0	16	15	1	0.9467	0.9473	0.0006	0.9862	0.9862	0.0000
2024-01-15T09:19:02	2	0	115	114	1	0.9161	0.9166	0.0005	0.9721	0.9721	0.0000
2024-01-15T09:19:52	2	0	19	18	1	0.9410	0.9413	0.0004	0.9818	0.9817	0.0001
2024-01-15T09:21:46	2	0	271	270	1	0.9277	0.9279	0.0003	0.9903	0.9903	0.0000
2024-01-15T09:22:12	2	0	34	33	1	0.9429	0.9418	-0.0011	0.9908	0.9907	0.0001
2024-01-15T09:22:51	1	0	90	89	1	1.0650	1.0650	0.0000	-0.9798	-0.9798	0.0000
2024-01-15T09:24:49	3	0	59	54	5	1.0527	1.0526	-0.0001	-0.9961	-0.9956	-0.0005
2024-01-15T09:25:48	2	0	4	4	0	0.9425	0.9436	0.0010	0.9979	0.9978	0.0001
2024-01-15T09:26:07	2	0	5	5	0	1.0066	1.0068	0.0002	0.9993	0.9993	0.0000
2024-01-15T09:27:44	1	0	87	86	1	0.9409	0.9411	0.0002	0.9977	0.9977	0.0000
2024-01-15T09:27:47	2	0	11	9	2	0.9503	0.9522	0.0019	0.9978	0.9978	0.0000
2024-01-15T09:28:07	5	0	15	14	1	1.0387	1.0397	0.0009	-0.9996	-0.9996	0.0000
2024-01-15T09:32:30	1	0	10	10	0	1.0326	1.0326	0.0000	0.9968	0.9968	0.0000
2024-01-15T09:34:53	1	0	29	28	1	0.9382	0.9370	-0.0012	0.9816	0.9815	0.0001
2024-01-15T09:38:49	3	0	2	2	0	1.0015	1.0017	0.0002	0.9795	0.9795	0.0000
2024-01-15T09:39:39	1	0	35	31	4	1.0562	1.0556	-0.0006	-0.9921	-0.9921	0.0000
2024-01-15T09:43:08	2	0	15	15	0	1.0409	1.0409	0.0000	-0.9992	-0.9992	0.0000
2024-01-15T09:43:10	2	0	15	15	0	1.0503	1.0502	-0.0001	0.9818	0.9815	0.0003
2024-01-15T09:43:25	1	0	3	3	0	1.0096	1.0097	0.0001	-0.9941	-0.9941	0.0000
2024-01-15T09:43:38	2	0	60	60	0	0.9300	0.9303	0.0003	0.9912	0.9913	-0.0001
2024-01-15T09:44:09	2	0	8	8	0	1.0343	1.0342	-0.0001	0.9949	0.9948	0.0001
2024-01-15T09:44:29	1	0	29	28	1	0.9417	0.9420	0.0004	0.9766	0.9767	-0.0001
2024-01-15T09:45:17	2	0	4	4	0	1.0121	1.0123	0.0002	0.9963	0.9962	0.0001
2024-01-15T09:45:38	4	0	32	32	0	0.9435	0.9440	0.0005	0.9652	0.9655	-0.0003
2024-01-15T09:47:11	2	0	74	70	4	0.9338	0.9342	0.0004	-0.999	-0.9989	-0.0001
2024-01-15T09:47:26	3	0	42	41	1	0.9687	0.9692	0.0005	0.9693	0.9694	-0.0001
2024-01-15T09:47:31	14	0	9	9	0	1.0401	1.0396	-0.0005	0.9965	0.9966	-0.0001
2024-01-15T09:48:56	1	0	40	40	0	0.9420	0.9421	0.0000	0.9994	0.9994	0.0000
2024-01-15T09:49:05	2	0	147	147	0	0.9080	0.9081	0.0000	0.969	0.9691	-0.0001
2024-01-15T09:51:28	2	0	6	6	0	1.0325	1.0323	-0.0002	0.9989	0.9989	0.0000
2024-01-15T09:52:38	1	0	7	7	0	1.0202	1.0202	0.0000	0.9901	0.9916	-0.0015
2024-01-15T09:52:47	3	0	117	117	0	0.9242	0.9250	0.0008	-0.9805	-0.9796	-0.0009
2024-01-15T09:53:13	1	0	25	24	1	0.9743	0.9721	-0.0022	0.9884	0.9884	0.0000
2024-01-15T09:53:47	4	0	21	18	3	0.9434	0.9440	0.0006	0.9837	0.9838	-0.0001
2024-01-15T09:55:06	6	0	6	6	0	0.9442	0.9450	0.0007	0.9696	0.9699	-0.0003
2024-01-15T09:55:26	2	0	11	11	0	0.9468	0.9469	0.0001	-0.9968	-0.9967	-0.0001
2024-01-15T09:56:31	4	0	13	12	1	1.0531	1.0528	-0.0003	0.9983	0.9982	0.0001
2024-01-15T09:57:19	3	0	5	5	0	0.9274	0.9276	0.0002	0.9792	0.9793	-0.0001
2024-01-15T09:57:21	1	0	1	1	0	1.0247	1.0244	-0.0003	1	1	0.0000
2024-01-15T09:59:17	5	0	2	2	0	1.0249	1.0236	-0.0013	0.995	0.9949	0.0001
2024-01-15T09:59:58	2	0	88	82	6	0.9438	0.9443	0.0005	0.9608	0.9609	-0.0001
2024-01-15T10:00:59	1	0	3	3	0	0.9976	0.9975	-0.0001	-0.9972	-0.9972	0.0000
2024-01-15T10:02:21	1	0	25	25	0	0.9368	0.9369	0.0001	0.9879	0.9879	0.0000
2024-01-15T10:02:32	4	0	10	10	0	1.0320	1.0321	0.0001	0.9967	0.9967	0.0000

2024-01-15T10:02:50	1	0	3	3	0	0.9546	0.9547	0.0001	-0.9993	-0.9993	0.0000
2024-01-15T10:03:57	1	0	23	20	3	0.9427	0.9425	-0.0003	0.9995	0.9996	-0.0001
2024-01-15T10:05:28	5	0	14	9	5	0.9427	0.9428	0.0000	0.9986	0.9987	-0.0001
2024-01-15T10:06:23	1	0	1	1	0	0.9745	0.9748	0.0003	0.996	0.996	0.0000
2024-01-15T10:06:51	5	0	137	136	1	0.9172	0.9183	0.0011	0.9936	0.9939	-0.0003
2024-01-15T10:07:15	1	0	49	48	1	0.9415	0.9416	0.0002	0.987	0.9871	-0.0001
2024-01-15T10:08:02	1	0	2	2	0	0.9733	0.9735	0.0001	0.9841	0.9841	0.0000
2024-01-15T10:08:14	4	0	28	27	1	0.9489	0.9495	0.0006	0.9874	0.9875	-0.0001
2024-01-15T10:08:51	1	0	2	2	0	0.9970	0.9968	-0.0002	0.9775	0.9774	0.0001
2024-01-15T10:10:09	1	0	3	3	0	0.9934	0.9938	0.0004	1	1	0.0000
2024-01-15T10:11:17	2	0	26	24	2	1.0482	1.0476	-0.0007	0.9636	0.9635	0.0001
2024-01-15T10:12:20	1	0	11	11	0	0.9342	0.9344	0.0002	0.9787	0.9787	0.0000
2024-01-15T10:12:33	1	0	7	6	1	0.9437	0.9440	0.0003	0.9952	0.9953	-0.0001
2024-01-15T10:12:53	2	0	69	70	-1	0.9426	0.9426	0.0000	0.9911	0.9911	0.0000
2024-01-15T10:13:27	1	0	3	3	0	1.0129	1.0126	-0.0003	-0.9949	-0.995	0.0001
2024-01-15T10:14:18	2	0	2	1	1	1.0254	1.0246	-0.0008	0.9951	0.995	0.0001
2024-01-15T10:17:22	3	0	26	26	0	0.9386	0.9390	0.0004	0.9877	0.9878	-0.0001
2024-01-15T10:20:14	3	0	4	4	0	1.0280	1.0277	-0.0003	0.9985	0.9985	0.0000
2024-01-15T10:22:01	8	0	110	109	1	0.9191	0.9195	0.0004	0.995	0.995	0.0000
2024-01-15T10:22:16	1	0	160	160	0	0.9213	0.9213	0.0000	0.9859	0.9859	0.0000
2024-01-15T10:22:40	1	0	6	6	0	0.9679	0.9681	0.0001	0.9911	0.9912	-0.0001
2024-01-15T10:22:49	1	0	103	103	0	0.9303	0.9305	0.0002	-0.9782	-0.9779	-0.0003
2024-01-15T10:25:33	1	0	665	665	0	1.0777	1.0776	-0.0001	0.9995	0.9995	0.0000
2024-01-15T10:25:49	2	0	230	230	0	0.9386	0.9387	0.0001	0.9907	0.9906	0.0001
2024-01-15T10:26:11	1	0	6	6	0	0.9587	0.9590	0.0003	0.9997	0.9997	0.0000
2024-01-15T10:27:51	1	0	11	11	0	0.9496	0.9496	0.0000	0.9976	0.9976	0.0000
2024-01-15T10:27:54	1	0	1	1	0	1.0288	1.0275	-0.0013	0.9984	0.9984	0.0000
2024-01-15T10:28:11	4	0	6	6	0	1.0273	1.0271	-0.0003	-0.9997	-0.9997	0.0000
2024-01-15T10:29:27	1	0	34	34	0	0.9464	0.9499	0.0035	0.9723	0.9724	-0.0001
2024-01-15T10:31:54	4	0	4	4	0	1.0481	1.0473	-0.0008	0.9949	0.9947	0.0002
2024-01-15T10:32:07	2	0	1	1	0	1.0283	1.0274	-0.0009	0.9862	0.9861	0.0001
2024-01-15T10:32:31	1	0	33	30	3	0.9436	0.9440	0.0004	0.9948	0.995	-0.0002
2024-01-15T10:34:01	1	0	51	48	3	0.9986	0.9984	-0.0002	0.9904	0.9903	0.0001
2024-01-15T10:36:51	1	0	11	11	0	0.9591	0.9592	0.0001	0.9967	0.9967	0.0000
2024-01-15T10:36:53	3	0	119	118	1	0.9336	0.9336	0.0000	0.9924	0.9924	0.0000
2024-01-15T10:38:53	1	0	1	1	0	0.9770	0.9773	0.0003	0.9781	0.9781	0.0000
2024-01-15T10:40:09	1	0	4	4	0	0.9699	0.9701	0.0002	0.9687	0.9688	-0.0001
2024-01-15T10:41:12	1	0	5	5	0	1.0296	1.0295	-0.0001	0.9998	0.9998	0.0000
2024-01-15T10:41:19	1	0	10	10	0	1.0474	1.0473	-0.0001	0.9627	0.9626	0.0001
2024-01-15T10:42:22	1	0	4	4	0	0.9205	0.9206	0.0001	0.9785	0.9785	0.0000
2024-01-15T10:42:52	1	0	82	75	7	0.9403	0.9410	0.0006	0.9972	0.9973	-0.0001
2024-01-15T10:43:42	1	0	56	56	0	0.9327	0.9329	0.0002	0.9909	0.991	-0.0001
2024-01-15T10:44:13	1	0	9	9	0	1.0211	1.0213	0.0002	0.9954	0.9955	-0.0001
2024-01-15T10:45:01	2	0	49	48	1	0.9556	0.9530	-0.0026	0.956	0.9529	0.0031
2024-01-15T10:46:02	1	0	5	5	0	1.0185	1.0185	-0.0001	-0.9969	-0.9969	0.0000
2024-01-15T10:46:04	4	0	31	30	1	0.9447	0.9448	0.0001	0.9502	0.9507	-0.0005
2024-01-15T10:47:26	3	0	51	41	10	0.9454	0.9420	-0.0034	0.9935	0.9935	0.0000
2024-01-15T10:47:35	3	0	10	10	0	1.0298	1.0298	0.0000	0.9972	0.9976	-0.0004
2024-01-15T10:51:54	1	0	53	52	1	0.9440	0.9419	-0.0022	0.9924	0.9924	0.0000
2024-01-15T10:52:03	2	0	105	101	4	0.9277	0.9279	0.0002	0.9937	0.9938	-0.0001
2024-01-15T10:52:51	3	0	103	102	1	0.9294	0.9297	0.0003	-0.978	-0.9779	-0.0001
2024-01-15T10:53:17	1	0	8	8	0	1.0362	1.0361	-0.0001	0.9972	0.9979	-0.0007
2024-01-15T10:55:16	1	0	1	1	0	1.0405	1.0402	-0.0003	0.9989	0.9989	0.0000
2024-01-15T10:55:49	1	0	2	2	0	1.0328	1.0328	-0.0001	0.9922	0.9922	0.0000
2024-01-15T10:56:20	1	0	31	30	1	1.0489	1.0487	-0.0002	0.9647	0.9647	0.0000
2024-01-15T10:57:25	2	0	2	1	1	1.0428	1.0241	-0.0187	-1	-1	0.0000
2024-01-15T10:57:53	1	0	17	17	0	0.9595	0.9596	0.0001	0.9975	0.9976	-0.0001
2024-01-15T10:58:15	1	0	45	42	3	0.9934	0.9986	0.0051	0.9808	0.9809	-0.0001
2024-01-15T10:58:33	1	0	1	1	0	1.0283	1.0277	-0.0006	0.9739	0.9732	0.0007
2024-01-15T10:59:29	1	0	37	36	1	0.9474	0.9439	-0.0035	0.9717	0.9716	0.0001
2024-01-15T11:00:43	2	0	7	7	0	0.9676	0.9673	-0.0003	0.976	0.9756	0.0004
2024-01-15T11:01:07	1	0	1	1	0	1.0403	1.0400	-0.0003	0.9999	0.9999	0.0000
2024-01-15T11:02:27	1	0	5	5	0	0.9611	0.9610	-0.0001	0.9927	0.9926	0.0001
2024-01-15T11:02:31	1	0	13	12	1	1.0223	1.0195	-0.0027	0.9626	0.9626	0.0000
2024-01-15T11:02:42	4	0	756	752	4	0.8907	0.8909	0.0002	0.9541	0.9548	-0.0007
2024-01-15T11:03:02	3	0	2	2	0	1.0591	1.0586	-0.0004	-0.9688	-0.9696	0.0008
2024-01-15T11:06:55	1	0	115	115	0	0.9341	0.9344	0.0003	0.9912	0.9912	0.0000
2024-01-15T11:07:01	1	0	5	5	0	1.0286	1.0285	0.0000	-0.9995	-0.9995	0.0000
2024-01-15T11:09:56	1	0	65	65	0	1.0553	1.0552	-0.0001	-0.9993	-0.9997	0.0004
2024-01-15T11:10:11	1	0	3	3	0	1.0162	1.0161	-0.0001	0.9744	0.9743	0.0001
2024-01-15T11:10:15	2	0	1	1	0	1.0321	1.0315	-0.0006	0.9969	0.9968	0.0001
2024-01-15T11:16:28	1	0	1	0	1	1.0577	null	null	0.9958	0.9958	0.0000
2024-01-15T11:17:26	4	0	25	24	1	0.9356	0.9358	0.0002	0.9887	0.9892	-0.0005
2024-01-15T11:18:46	3	0	1	1	0	1.0301	1.0296	-0.0005	0.9716	0.9706	0.0010
2024-01-15T11:20:00	1	0	7	8	-1	0.9450	0.9448	-0.0001	0.9817	0.9816	0.0001
2024-01-15T11:22:05	1	0	149	147	2	0.9266	0.9267	0.0000	0.9923	0.9923	0.0000
2024-01-15T11:23:53	1	0	6	6	0	1.0489	1.0487	-0.0002	-0.9982	-0.9982	0.0000
2024-01-15T11:24:57	1	0	44	44	0	1.0528	1.0526	-0.0002	-0.9991	-0.9989	-0.0002
2024-01-15T11:25:27	3	0	379	369	10	1.0631	1.0631	0.0000	0.9746	0.9739	0.0007
2024-01-15T11:29:36	2	0	1	1	0	1.0596	1.0586	-0.0010	0.9838	0.9837	0.0001
2024-01-15T11:30:56	2	0	1	0	1	0.9445	null	null	0.9948	0.9948	0.0000
2024-01-15T11:31:07	1	0	33	33	0	0.9443	0.9443	0.0000	0.9495	0.9495	0.0000
2024-01-15T11:31:11	1	0	3	3	0	1.0313	1.0311	-0.0002	0.9992	0.9992	0.0000
2024-01-15T11:32:29	1	0	5	3	2	0.9430	0.9432	0.0002	0.9902	0.9903	-0.0001
2024-01-15T11:32:56	1	0	46	36	10	0.9375	0.9379	0.0004	0.9988	0.9988	0.0000

2024-01-15T11:33:04	3	0	2	2	0	1.0612	1.0608	-0.0004	-0.9715	-0.9721	0.0006
2024-01-15T11:34:50	2	0	165	165	0	0.9686	0.9686	0.0000	0.9756	0.9756	0.0000
2024-01-15T11:35:34	6	0	9	10	-1	0.9427	0.9428	0.0000	0.9989	0.9989	0.0000
2024-01-15T11:36:55	3	0	35	35	0	0.9421	0.9422	0.0001	0.9966	0.9966	0.0000
2024-01-15T11:37:30	1	0	10	9	1	1.0496	1.0486	-0.0009	0.9955	0.9954	0.0001
2024-01-15T11:39:29	4	0	4	2	2	0.9523	0.9437	-0.0086	-0.9951	-0.995	-0.0001
2024-01-15T11:39:52	3	0	288	289	-1	0.8970	0.8971	0.0001	0.9891	0.9892	-0.0001
2024-01-15T11:40:13	6	0	1	1	0	1.0905	1.0903	-0.0002	0.9791	0.9789	0.0002
2024-01-15T11:40:15	1	0	20	20	0	1.0496	1.0496	0.0000	-1	-1	0.0000
2024-01-15T11:40:52	1	0	1	1	0	1.0334	1.0333	-0.0001	0.9925	0.9925	0.0000
2024-01-15T11:41:53	1	0	3	3	0	0.9960	0.9962	0.0001	0.9964	0.9965	-0.0001
2024-01-15T11:42:56	1	0	2	2	0	0.9957	0.9957	0.0000	0.9968	0.9982	-0.0014
2024-01-15T11:47:34	2	0	21	20	1	1.0231	1.0214	-0.0018	0.9649	0.9648	0.0001
2024-01-15T11:47:41	1	0	3	2	1	1.0471	1.0422	-0.0049	0.9905	0.9905	0.0000
2024-01-15T11:49:51	2	0	119	119	0	0.9775	0.9775	0.0000	0.9769	0.9769	0.0000
2024-01-15T11:52:55	5	0	89	95	-6	0.9292	0.9292	0.0000	-0.9761	-0.9764	0.0003
2024-01-15T11:53:21	4	0	5	6	-1	1.0501	1.0493	-0.0008	0.992	0.992	0.0000
2024-01-15T11:54:53	3	0	274	273	1	0.8948	0.8949	0.0001	0.9894	0.9894	0.0000
2024-01-15T11:54:55	1	0	14	13	1	1.0480	1.0474	-0.0006	0.9989	0.9989	0.0000
2024-01-15T11:55:16	1	0	22	22	0	1.0467	1.0467	0.0000	-1	-1	0.0000
2024-01-15T11:56:54	1	0	2	2	0	1.0243	1.0243	0.0000	0.996	0.9961	-0.0001
2024-01-15T12:00:06	1	0	11	11	0	1.0473	1.0471	-0.0002	0.9594	0.9594	0.0000
2024-01-15T12:02:42	1	0	3	3	0	1.0473	1.0473	0.0000	0.9904	0.9904	0.0000
2024-01-15T12:04:52	2	0	144	144	0	0.9739	0.9738	0.0000	0.9787	0.9787	0.0000
2024-01-15T12:07:56	5	0	106	106	0	0.9284	0.9286	0.0002	-0.9767	-0.9803	0.0036
2024-01-15T12:09:05	1	0	7	7	0	1.0519	1.0508	-0.0011	0.9808	0.9805	0.0003
2024-01-15T12:09:54	2	0	274	274	0	0.8967	0.8967	0.0000	0.9895	0.9896	-0.0001
2024-01-15T12:10:15	5	0	1	1	0	1.1023	1.1022	-0.0001	0.988	0.9879	0.0001
2024-01-15T12:10:17	1	0	35	35	0	1.0502	1.0502	0.0000	-1	-1	0.0000
2024-01-15T12:10:54	1	0	1	1	0	1.0351	1.0350	-0.0001	0.993	0.993	0.0000
2024-01-15T12:11:55	1	0	2	2	0	1.0240	1.0240	0.0000	0.9959	0.996	-0.0001
2024-01-15T12:19:53	1	0	131	131	0	0.9761	0.9761	0.0000	0.979	0.979	0.0000
2024-01-15T12:20:04	1	0	2	2	0	0.9430	0.9431	0.0002	0.982	0.9819	0.0001
2024-01-15T12:21:58	2	0	92	94	-2	0.9397	0.9396	-0.0001	0.9966	0.9966	0.0000
2024-01-15T12:29:35	2	0	7	7	0	1.0089	1.0088	-0.0002	0.9744	0.9743	0.0001
2024-01-15T12:30:57	1	0	1	1	0	1.0611	1.0611	0.0000	0.9947	0.9947	0.0000
2024-01-15T12:35:05	1	0	6	7	-1	0.9471	0.9466	-0.0005	0.982	0.9817	0.0003
2024-01-15T12:40:19	2	0	38	37	1	1.0515	1.0514	-0.0001	-0.9993	-0.9992	-0.0001
2024-01-15T12:55:18	4	0	2	3	-1	1.0141	1.0277	0.0136	0.976	0.9759	0.0001
2024-01-15T12:57:05	1	0	8	8	0	1.0511	1.0506	-0.0005	0.9858	0.9858	0.0000
2024-01-15T12:57:58	1	0	34	31	3	0.9424	0.9424	0.0000	0.9976	0.9975	0.0001
2024-01-15T13:05:40	5	0	6	11	-5	0.9419	0.9425	0.0006	0.9988	0.9987	0.0001
2024-01-15T13:14:43	1	0	5	6	-1	0.9482	0.9472	-0.0010	0.9773	0.9773	0.0000
2024-01-15T13:22:59	1	0	178	191	-13	0.9084	0.9088	0.0003	0.9916	0.9915	0.0001
2024-01-15T13:33:04	1	0	2	2	0	0.9576	0.9576	0.0000	0.9995	0.9996	-0.0001
2024-01-15T13:39:37	3	0	1	1	0	1.0473	1.0473	0.0000	-0.9927	-0.9927	0.0000
2024-01-15T13:40:23	1	0	21	21	0	1.0413	1.0440	0.0026	-0.9999	-0.9999	0.0000
2024-01-15T13:43:01	1	0	9	9	0	0.9458	0.9459	0.0001	0.9977	0.9977	0.0000
2024-01-15T13:48:09	1	0	1	1	0	0.9410	0.9413	0.0003	0.9942	0.9942	0.0000
2024-01-15T13:48:58	2	0	3	3	0	1.0500	1.0498	-0.0001	-0.9997	-0.9998	0.0001
2024-01-15T14:01:32	1	0	66	66	0	1.0503	1.0503	0.0000	0.9983	0.9983	0.0000
2024-01-15T14:03:10	1	0	1	1	0	0.9386	0.9387	0.0001	0.9944	0.9945	-0.0001
2024-01-15T14:03:59	2	0	6	6	0	1.0484	1.0483	0.0000	-0.9997	-0.9998	0.0001
2024-01-15T14:04:10	18	0	5	5	0	0.9445	0.9456	0.0011	0.9867	0.9869	-0.0002
2024-01-15T14:05:44	3	0	2	2	0	0.9431	0.9436	0.0005	0.9995	0.9995	0.0000
2024-01-15T14:09:33	1	0	2	2	0	1.0409	1.0409	0.0000	0.984	0.984	0.0000
2024-01-15T14:11:07	2	0	1	3	-2	1.0333	0.9738	-0.0595	0.9978	0.9977	0.0001
2024-01-15T14:12:01	1	0	1	1	0	1.0257	1.0253	-0.0004	0.995	0.995	0.0000
2024-01-15T14:12:12	1	0	38	33	5	0.9430	0.9429	-0.0001	0.9811	0.9811	0.0000
2024-01-15T14:12:36	7	0	5	5	0	0.9521	0.9510	-0.0011	0.9832	0.9827	0.0005
2024-01-15T14:12:54	1	0	265	264	1	0.9302	0.9304	0.0002	-0.9988	-0.9988	0.0000
2024-01-15T14:15:35	1	0	4	4	0	1.0336	1.0336	0.0000	-1	-1	0.0000
2024-01-15T14:17:38	7	0	5	5	0	1.0379	1.0379	0.0000	1	1	0.0000
2024-01-15T14:17:46	2	0	20	19	1	1.0494	1.0490	-0.0005	0.9709	0.9706	0.0003
2024-01-15T14:19:11	19	0	9	7	2	0.9503	0.9538	0.0035	0.9875	0.9876	-0.0001
2024-01-15T14:23:31	3	0	18	18	0	0.9641	0.9641	0.0000	0.9887	0.9887	0.0000
2024-01-15T14:25:09	4	0	60	60	0	1.0544	1.0544	0.0000	0.9996	0.9997	-0.0001
2024-01-15T14:25:44	2	0	14	14	0	0.9440	0.9441	0.0001	-0.9966	-0.9965	-0.0001
2024-01-15T14:26:03	1	0	2	2	0	1.0328	1.0328	0.0000	0.9931	0.993	0.0001
2024-01-15T14:26:08	1	0	11	11	0	0.9504	0.9506	0.0002	0.9986	0.9986	0.0000
2024-01-15T14:27:13	1	0	16	16	0	0.9432	0.9432	0.0000	0.9812	0.9812	0.0000
2024-01-15T14:27:37	8	0	6	6	0	0.9641	0.9634	-0.0007	0.9844	0.9841	0.0003
2024-01-15T14:27:55	1	0	204	204	0	0.9278	0.9278	0.0000	-0.9981	-0.9981	0.0000
2024-01-15T14:29:43	2	0	5	5	0	0.9964	0.9962	-0.0002	0.9758	0.9756	0.0002
2024-01-15T14:30:42	1	0	81	79	2	1.0602	1.0602	0.0000	-0.9684	-0.9685	0.0001
2024-01-15T14:31:25	4	0	4	3	1	1.0353	1.0352	-0.0002	0.9994	0.9994	0.0000
2024-01-15T14:32:47	1	0	28	28	0	1.0451	1.0451	-0.0001	0.9697	0.9696	0.0001
2024-01-15T14:32:51	1	0	11	10	1	1.0359	1.0336	-0.0022	0.9977	0.9977	0.0000
2024-01-15T14:33:08	1	0	3	3	0	0.9491	0.9492	0.0001	0.9994	0.9996	-0.0002
2024-01-15T14:33:16	5	0	4	4	0	1.0349	1.0343	-0.0006	-0.9381	-0.9412	0.0031
2024-01-15T14:38:06	1	0	97	97	0	0.9327	0.9329	0.0002	-0.9937	-0.9935	-0.0002
2024-01-15T14:38:12	1	0	73	73	0	1.0629	1.0628	0.0000	-0.9764	-0.9764	0.0000
2024-01-15T14:38:32	2	0	23	22	1	0.9541	0.9542	0.0002	0.9877	0.9877	0.0000
2024-01-15T14:38:38	2	0	6	6	0	1.0282	1.0282	-0.0001	0.9893	0.9891	0.0002
2024-01-15T14:40:10	5	0	74	74	0	1.0588	1.0586	-0.0002	0.9999	0.9999	0.0000

2024-01-15T14:40:45	1	0	16	16	0	0.9415	0.9418	0.0003	-0.9968	-0.9967	-0.0001
2024-01-15T14:41:04	1	0	2	2	0	1.0259	1.0258	-0.0001	0.9921	0.9921	0.0000
2024-01-15T14:41:09	1	0	3	3	0	0.9741	0.9742	0.0001	0.9995	0.9995	0.0000
2024-01-15T14:41:52	1	0	16	16	0	1.0538	1.0537	0.0000	0.9985	0.9984	0.0001
2024-01-15T14:42:38	7	0	5	5	0	0.9582	0.9581	-0.0001	0.9854	0.9853	0.0001
2024-01-15T14:42:56	1	0	176	176	0	0.9288	0.9289	0.0000	-0.9954	-0.9953	-0.0001
2024-01-15T14:43:05	1	0	21	21	0	0.9453	0.9454	0.0001	0.9979	0.998	-0.0001
2024-01-15T14:43:30	2	0	22	22	0	1.0423	1.0422	-0.0001	0.981	0.9807	0.0003
2024-01-15T14:48:17	2	0	4	4	0	1.0352	1.0350	-0.0002	-0.9211	-0.9218	0.0007
2024-01-15T14:49:13	12	0	3	3	0	0.9530	0.9545	0.0014	0.9879	0.988	-0.0001
2024-01-15T14:53:39	1	0	36	36	0	0.9592	0.9592	0.0001	0.9873	0.9873	0.0000
2024-01-15T14:55:41	2	0	512	503	9	1.0658	1.0658	0.0000	0.9795	0.9817	-0.0022
2024-01-15T14:56:36	1	0	31	30	1	1.0486	1.0484	-0.0002	0.996	0.996	0.0000
2024-01-15T14:57:06	1	0	4	4	0	1.0025	1.0026	0.0001	0.9971	0.9967	0.0004
2024-01-15T14:57:15	1	0	4	4	0	0.9442	0.9442	0.0000	0.9804	0.9804	0.0000
2024-01-15T15:03:37	2	0	2	2	0	1.0295	1.0292	-0.0003	0.9968	0.9967	0.0001
2024-01-15T15:04:14	2	0	3	3	0	0.9518	0.9519	0.0002	0.9881	0.9881	0.0000
2024-01-15T15:08:40	1	0	10	10	0	0.9768	0.9767	-0.0001	0.9883	0.9883	0.0000
2024-01-15T15:10:42	1	0	497	496	1	1.0650	1.0650	0.0000	0.9735	0.976	-0.0025
2024-01-15T15:13:00	1	0	12	12	0	1.0470	1.0469	-0.0002	0.9982	0.9982	0.0000
2024-01-15T15:13:13	2	0	70	70	0	0.9371	0.9374	0.0003	0.9883	0.9885	-0.0002
2024-01-15T15:16:01	2	0	2	1	1	1.0464	1.0450	-0.0014	-0.9826	-0.9833	0.0007
2024-01-15T15:16:52	1	0	1	0	1	1.0553	null	null	0.997	0.997	0.0000
2024-01-15T15:19:15	3	0	13	13	0	0.9424	0.9425	0.0001	0.9871	0.9871	0.0000
2024-01-15T15:19:18	1	0	1	1	0	1.0212	1.0182	-0.0030	-0.9886	-0.9897	0.0011
2024-01-15T15:25:28	1	0	2	2	0	1.0092	1.0094	0.0002	0.9727	0.9728	-0.0001
2024-01-15T15:29:54	1	0	12	11	1	0.9549	0.9561	0.0013	0.9774	0.9775	-0.0001
2024-01-15T15:34:16	1	0	5	5	0	0.9457	0.9457	0.0001	0.9878	0.9878	0.0000
2024-01-15T15:39:52	7	0	2	2	0	1.0188	1.0186	-0.0003	-0.9874	-0.9874	0.0000
2024-01-15T15:40:05	1	0	144	79	65	0.8920	0.8955	0.0036	-0.9956	-0.9953	-0.0003
2024-01-15T15:47:57	1	0	9	9	0	1.0351	1.0351	0.0000	0.9972	0.9977	-0.0005
2024-01-15T15:48:17	4	0	3	2	1	1.0531	1.0507	-0.0024	1	0.9999	0.0001
2024-01-15T15:50:53	1	0	2	2	0	0.9439	0.9441	0.0002	-1	-1	0.0000
2024-01-15T15:54:11	1	0	1	1	0	0.9442	0.9442	0.0000	0.9904	0.9831	0.0073
2024-01-15T15:58:33	1	0	14	14	0	1.0378	1.0377	-0.0001	-0.9998	-0.9998	0.0000
2024-01-15T15:58:45	2	0	4	4	0	1.0403	1.0401	-0.0002	-0.9613	-0.9615	0.0002
2024-01-15T16:00:22	1	0	25	24	1	1.0567	1.0567	0.0000	0.9638	0.9638	0.0000
2024-01-15T16:02:03	1	0	11	11	0	0.9854	0.9855	0.0002	0.9853	0.9853	0.0000
2024-01-15T16:07:24	3	0	93	93	0	0.9266	0.9265	-0.0001	0.9938	0.9937	0.0001
2024-01-15T16:10:07	1	0	79	79	0	1.1495	1.1468	-0.0027	-0.9977	-0.9986	0.0009
2024-01-15T16:10:10	1	0	260	260	0	0.9087	0.9088	0.0001	0.9898	0.9898	0.0000
2024-01-15T16:25:58	1	0	728	728	0	1.0755	1.0755	0.0000	-1	-1	0.0000
2024-01-15T16:46:58	1	0	2	2	0	1.0490	1.0488	-0.0002	0.9978	0.9978	0.0000
2024-01-15T16:53:52	1	0	14	14	0	0.9929	0.9929	0.0000	0.9845	0.9845	0.0000
2024-01-15T17:07:38	1	0	284	283	1	0.9315	0.9315	0.0000	0.9969	0.9969	0.0000
2024-01-15T18:07:58	1	0	97	97	0	1.0591	1.0591	0.0000	0.9989	0.9989	0.0000
2024-01-16T07:50:12	2	0	44	44	0	0.9429	0.9430	0.0001	0.9982	0.9982	0.0000
2024-01-16T07:51:34	1	0	18	18	0	0.9342	0.9343	0.0001	0.9864	0.9862	0.0002
2024-01-16T07:51:41	2	0	29	29	0	0.9577	0.9579	0.0002	0.9928	0.9926	0.0002
2024-01-16T07:51:45	1	0	159	159	0	0.9097	0.9097	0.0001	0.9688	0.9687	0.0001
2024-01-16T07:54:36	2	0	139	139	0	0.9146	0.9148	0.0002	1	1	0.0000
2024-01-16T07:54:56	1	0	28	28	0	0.9426	0.9427	0.0000	0.9912	0.9912	0.0000
2024-01-16T07:57:26	3	0	262	262	0	0.9122	0.9123	0.0001	0.9937	0.9938	-0.0001
2024-01-16T07:58:03	3	0	757	757	0	1.0714	1.0714	0.0000	0.9863	0.9863	0.0000
2024-01-16T08:04:53	1	0	60	60	0	0.9352	0.9352	0.0000	-0.9993	-0.9993	0.0000
2024-01-16T08:06:42	3	0	52	50	2	0.9990	0.9990	-0.0001	0.9932	0.9932	0.0000
2024-01-16T08:06:46	1	0	149	149	0	0.9170	0.9170	0.0000	0.9757	0.9757	0.0000
2024-01-16T08:09:16	1	0	212	212	0	0.9095	0.9095	0.0001	0.9977	0.9976	0.0001
2024-01-16T08:10:30	1	0	99	99	0	0.9276	0.9277	0.0001	-0.9939	-0.9935	-0.0004
2024-01-16T08:18:12	1	0	92	91	1	0.9576	0.9577	0.0001	0.9906	0.9908	-0.0002
2024-01-16T08:20:14	1	0	32	32	0	0.9440	0.9440	0.0001	0.997	0.9971	-0.0001
2024-01-16T08:21:36	1	0	16	16	0	0.9357	0.9358	0.0001	0.9863	0.986	0.0003
2024-01-16T08:24:42	1	0	80	80	0	0.9080	0.9081	0.0000	0.9966	0.9966	0.0000
2024-01-16T08:29:17	1	0	13	13	0	1.0515	1.0515	0.0000	0.9983	0.9983	0.0000
2024-01-16T08:32:06	2	0	775	775	0	1.0763	1.0763	0.0000	0.9992	0.9992	0.0000
2024-01-16T08:33:06	1	0	197	196	1	1.0651	1.0651	0.0000	-0.9073	-0.907	-0.0003
2024-01-16T08:36:37	1	0	13	13	0	0.9366	0.9369	0.0003	0.9862	0.9859	0.0003
2024-01-16T08:36:39	1	0	5	5	0	0.9401	0.9404	0.0002	-0.9997	-0.9996	-0.0001
2024-01-16T08:46:26	1	0	55	55	0	0.9372	0.9372	0.0001	0.9966	0.9966	0.0000
2024-01-16T08:51:38	1	0	16	16	0	0.9318	0.9321	0.0003	0.9862	0.9862	0.0000
2024-01-16T08:51:45	1	0	44	44	0	1.0069	1.0069	0.0000	0.9924	0.9925	-0.0001
2024-01-16T08:54:34	2	0	258	257	1	0.9262	0.9263	0.0001	0.9897	0.9898	-0.0001
2024-01-16T08:58:07	2	0	583	582	1	1.0667	1.0666	0.0000	0.9714	0.9713	0.0001
2024-01-16T09:03:15	1	0	103	102	1	0.9628	0.9630	0.0002	0.9894	0.9896	-0.0002
2024-01-16T09:03:27	1	0	3	3	0	1.0140	1.0139	-0.0001	0.9911	0.9911	0.0000
2024-01-16T09:03:53	1	0	6	6	0	1.0346	1.0345	0.0000	0.9958	0.9958	0.0000
2024-01-16T09:06:39	4	0	16	15	1	0.9340	0.9356	0.0016	0.9864	0.9865	-0.0001
2024-01-16T09:06:41	1	0	1	1	0	0.9423	0.9428	0.0005	-0.9997	-0.9997	0.0000
2024-01-16T09:06:46	2	0	39	39	0	0.9541	0.9544	0.0003	0.9918	0.9919	-0.0001
2024-01-16T09:06:50	1	0	154	154	0	0.9142	0.9144	0.0002	0.9743	0.9743	0.0000
2024-01-16T09:09:40	1	0	68	68	0	1.0598	1.0596	-0.0001	0.9834	0.9834	0.0000
2024-01-16T09:09:41	2	0	108	102	6	0.9361	0.9367	0.0007	1	0.9999	0.0001
2024-01-16T09:09:45	2	0	110	108	2	0.9093	0.9093	0.0000	0.9958	0.9958	0.0000
2024-01-16T09:12:29	1	0	79	79	0	1.1568	1.1561	-0.0007	-0.9922	-0.9922	0.0000
2024-01-16T09:12:31	3	0	268	268	0	0.9095	0.9097	0.0002	0.9932	0.9933	-0.0001

2024-01-16T09:12:37	1	0	77	77	0	1.0597	1.0596	-0.0001	-0.9909	-0.9904	-0.0005
2024-01-16T09:13:35	2	0	4	4	0	0.9425	0.9433	0.0008	0.9999	0.9999	0.0000
2024-01-16T09:15:37	7	0	70	70	0	0.9450	0.9460	0.0010	0.9886	0.9889	-0.0003
2024-01-16T09:16:28	5	0	60	57	3	0.9311	0.9308	-0.0004	0.9969	0.997	-0.0001
2024-01-16T09:17:09	2	0	787	787	0	1.0767	1.0767	0.0000	0.9995	0.9995	0.0000
2024-01-16T09:18:16	1	0	108	108	0	0.9728	0.9729	0.0001	0.9903	0.9902	0.0001
2024-01-16T09:20:15	1	0	13	12	1	1.0087	1.0138	0.0051	0.9699	0.9698	0.0001
2024-01-16T09:20:21	1	0	12	12	0	1.0166	1.0166	0.0000	0.9971	0.9972	-0.0001
2024-01-16T09:21:40	1	0	16	16	0	0.9392	0.9395	0.0003	0.9863	0.9863	0.0000
2024-01-16T09:21:47	3	0	35	35	0	0.9795	0.9795	0.0000	0.9913	0.9914	-0.0001
2024-01-16T09:22:41	2	0	4	4	0	0.9835	0.9839	0.0003	0.9956	0.9956	0.0000
2024-01-16T09:24:16	2	0	6	6	0	0.9890	0.9888	-0.0002	0.9834	0.9831	0.0003
2024-01-16T09:24:21	2	0	213	212	1	0.9210	0.9210	0.0000	0.9982	0.9982	0.0000
2024-01-16T09:24:36	2	0	265	261	4	0.9259	0.9261	0.0002	0.9901	0.9902	-0.0001
2024-01-16T09:24:46	2	0	91	91	0	0.9065	0.9066	0.0001	0.9961	0.9961	0.0000
2024-01-16T09:25:03	2	0	12	11	1	0.9445	0.9448	0.0003	0.9926	0.9927	-0.0001
2024-01-16T09:27:38	1	0	64	63	1	1.0580	1.0580	-0.0001	-0.9943	-0.9938	-0.0005
2024-01-16T09:28:24	1	0	1	1	0	1.0227	1.0223	-0.0004	0.9953	0.9953	0.0000
2024-01-16T09:28:56	1	0	8	8	0	1.0435	1.0434	-0.0001	-0.9998	-0.9998	0.0000
2024-01-16T09:30:33	1	0	3	3	0	0.9500	0.9503	0.0003	0.9987	0.9987	0.0000
2024-01-16T09:30:56	7	0	3	3	0	1.0112	1.0107	-0.0005	-0.9997	-0.9997	0.0000
2024-01-16T09:31:00	2	0	47	45	2	1.0569	1.0569	0.0000	0.9683	0.9682	0.0001
2024-01-16T09:32:22	1	0	36	36	0	0.9392	0.9394	0.0003	0.9771	0.9772	-0.0001
2024-01-16T09:35:19	1	0	2	2	0	0.9445	0.9447	0.0002	0.9974	0.9973	0.0001
2024-01-16T09:35:22	8	0	9	10	-1	1.0395	1.0340	-0.0055	0.9979	0.9979	0.0000
2024-01-16T09:35:26	2	0	38	38	0	1.0470	1.0469	0.0000	-0.9935	-0.9935	0.0000
2024-01-16T09:36:41	13	0	33	27	6	0.9348	0.9354	0.0006	0.9863	0.9864	-0.0001
2024-01-16T09:41:38	3	0	1	1	0	0.9781	0.9787	0.0006	0.981	0.981	0.0000
2024-01-16T09:43:57	2	0	7	7	0	1.0410	1.0410	-0.0001	-0.9999	-0.9999	0.0000
2024-01-16T09:45:09	3	0	4	4	0	0.9286	0.9288	0.0002	0.9823	0.9823	0.0000
2024-01-16T09:46:01	2	0	36	35	1	1.0563	1.0562	-0.0001	0.9687	0.9684	0.0003
2024-01-16T09:46:16	2	0	2	2	0	0.9831	0.9838	0.0007	-0.9931	-0.993	-0.0001
2024-01-16T09:46:30	2	0	56	56	0	0.9331	0.9334	0.0003	0.9947	0.9947	0.0000
2024-01-16T09:46:58	3	0	34	26	8	0.9525	0.9554	0.0029	0.9945	0.9945	0.0000
2024-01-16T09:50:02	2	0	94	90	4	0.9332	0.9335	0.0003	-0.9996	-0.9996	0.0000
2024-01-16T09:50:17	2	0	17	15	2	0.9474	0.9485	0.0011	0.9702	0.964	0.0062
2024-01-16T09:50:23	6	0	9	9	0	1.0301	1.0294	-0.0007	0.9979	0.9978	0.0001
2024-01-16T09:51:42	5	0	18	15	3	0.9497	0.9507	0.0011	0.9864	0.9865	-0.0001
2024-01-16T09:53:21	4	0	87	86	1	0.9241	0.9251	0.0010	0.9963	0.9965	-0.0002
2024-01-16T09:53:52	2	0	4	5	-1	0.9876	0.9792	-0.0084	0.9926	0.9927	-0.0001
2024-01-16T09:54:18	1	0	3	3	0	0.9412	0.9415	0.0003	0.989	0.9892	-0.0002
2024-01-16T09:54:44	4	0	88	87	1	0.9419	0.9406	-0.0013	1	0.9998	0.0002
2024-01-16T09:54:48	1	0	99	98	1	0.9222	0.9209	-0.0013	0.9956	0.9956	0.0000
2024-01-16T09:55:37	2	0	120	119	1	0.9265	0.9268	0.0003	-0.994	-0.9934	-0.0006
2024-01-16T09:55:42	1	0	22	21	1	1.0465	1.0460	-0.0005	-0.9956	-0.9956	0.0000
2024-01-16T09:57:13	2	0	2	2	0	1.0068	1.0070	0.0002	-0.9966	-0.9965	-0.0001
2024-01-16T09:57:34	1	0	260	260	0	0.9106	0.9106	0.0000	0.9899	0.9899	0.0000
2024-01-16T09:57:55	4	0	4	4	0	0.9375	0.9378	0.0003	0.971	0.9712	-0.0002
2024-01-16T09:58:19	2	0	28	27	1	0.9440	0.9441	0.0001	-0.9975	-0.9975	0.0000
2024-01-16T09:59:23	4	0	11	10	1	1.0501	1.0506	0.0005	0.9984	0.9984	0.0000
2024-01-16T09:59:31	1	0	1	1	0	0.9798	0.9802	0.0004	0.9955	0.9955	0.0000
2024-01-16T10:02:10	4	0	3	3	0	1.0408	1.0395	-0.0014	0.9995	0.9995	0.0000
2024-01-16T10:02:16	1	0	38	37	1	0.9462	0.9465	0.0002	0.9721	0.9721	0.0000
2024-01-16T10:02:47	2	0	193	190	3	0.9388	0.9392	0.0003	0.9546	0.9548	-0.0002
2024-01-16T10:03:38	3	0	1	1	0	0.9417	0.9426	0.0009	0.9951	0.9951	0.0000
2024-01-16T10:03:50	4	0	120	114	6	0.9417	0.9419	0.0002	0.954	0.9544	-0.0004
2024-01-16T10:05:18	1	0	25	25	0	0.9757	0.9757	0.0000	0.9665	0.9663	0.0002
2024-01-16T10:05:28	1	0	28	28	0	1.0458	1.0458	0.0000	-0.9951	-0.9951	0.0000
2024-01-16T10:07:44	1	0	11	10	1	0.9520	0.9531	0.0011	0.9952	0.9952	0.0000
2024-01-16T10:09:46	8	0	108	101	7	0.9362	0.9382	0.0020	0.9999	1	-0.0001
2024-01-16T10:10:38	1	0	124	123	1	0.9253	0.9253	0.0000	-0.9945	-0.9942	-0.0003
2024-01-16T10:10:50	1	0	91	88	3	0.9347	0.9350	0.0004	0.9818	0.9815	0.0003
2024-01-16T10:11:04	3	0	3	3	0	0.9632	0.9639	0.0007	0.987	0.9871	-0.0001
2024-01-16T10:11:40	1	0	2	2	0	0.9975	0.9974	-0.0002	0.9803	0.9803	0.0000
2024-01-16T10:12:56	2	0	4	4	0	0.9364	0.9365	0.0001	0.9715	0.9716	-0.0001
2024-01-16T10:14:24	4	0	15	14	1	1.0522	1.0518	-0.0003	0.9982	0.9981	0.0001
2024-01-16T10:15:08	1	0	51	49	2	1.0499	1.0497	-0.0002	0.9997	0.9997	0.0000
2024-01-16T10:15:12	1	0	12	12	0	0.9367	0.9368	0.0001	0.9796	0.9796	0.0000
2024-01-16T10:15:23	2	0	1	1	0	0.9425	0.9430	0.0005	0.9964	0.9964	0.0000
2024-01-16T10:15:42	1	0	2	2	0	1.0161	1.0160	-0.0001	0.9991	0.999	0.0001
2024-01-16T10:16:01	5	0	13	12	1	1.0357	1.0347	-0.0010	-0.9997	-0.9996	-0.0001
2024-01-16T10:16:18	1	0	4	4	0	0.9967	0.9965	-0.0001	-0.9928	-0.9929	0.0001
2024-01-16T10:17:11	2	0	8	8	0	1.0477	1.0471	-0.0005	0.9997	0.9997	0.0000
2024-01-16T10:17:48	2	0	197	196	1	0.9463	0.9434	-0.0028	0.9525	0.9526	-0.0001
2024-01-16T10:20:25	8	0	11	11	0	1.0140	1.0215	0.0074	0.9971	0.9971	0.0000
2024-01-16T10:21:44	1	0	11	11	0	0.9448	0.9448	0.0000	0.9864	0.9864	0.0000
2024-01-16T10:21:55	2	0	105	105	0	0.9129	0.9130	0.0000	0.9742	0.9743	-0.0001
2024-01-16T10:23:05	4	0	2	1	1	1.0248	1.0227	-0.0021	0.9992	0.9992	0.0000
2024-01-16T10:25:39	1	0	130	128	2	0.9228	0.9231	0.0002	-0.9941	-0.9938	-0.0003
2024-01-16T10:26:05	1	0	39	37	2	0.9565	0.9567	0.0002	0.9856	0.9848	0.0008
2024-01-16T10:28:40	2	0	183	182	1	0.9345	0.9345	0.0000	0.9889	0.9888	0.0001
2024-01-16T10:29:52	3	0	1	1	0	1.0049	1.0035	-0.0014	0.9736	0.9733	0.0003
2024-01-16T10:30:12	2	0	23	21	2	0.9354	0.9355	0.0000	0.9796	0.9797	-0.0001
2024-01-16T10:32:18	1	0	36	34	2	0.9513	0.9463	-0.0049	0.9722	0.9721	0.0001
2024-01-16T10:35:23	1	0	33	32	1	0.9427	0.9427	0.0000	0.996	0.9961	-0.0001

2024-01-16T10:36:52	1	0	59	58	1	0.9931	0.9929	-0.0002	0.9915	0.9914	0.0001
2024-01-16T10:40:31	3	0	5	4	1	1.0345	1.0282	-0.0063	-1	-1	0.0000
2024-01-16T10:43:14	1	0	602	597	5	1.0671	1.0670	-0.0001	0.972	0.9719	0.0001
2024-01-16T10:44:45	1	0	5	5	0	1.0502	1.0500	-0.0001	0.9823	0.9822	0.0001
2024-01-16T10:45:30	1	0	7	7	0	1.0171	1.0172	0.0000	0.9953	0.9954	-0.0001
2024-01-16T10:50:35	1	0	87	87	0	0.9447	0.9449	0.0002	0.9829	0.983	-0.0001
2024-01-16T10:54:49	1	0	138	138	0	0.9180	0.9184	0.0003	0.9999	0.9999	0.0000
2024-01-16T11:00:14	2	0	6	6	0	0.9605	0.9586	-0.0018	0.9859	0.9856	0.0003
2024-01-16T11:02:29	1	0	4	4	0	0.9798	0.9796	-0.0002	0.9799	0.9798	0.0001
2024-01-16T11:09:53	1	0	84	89	-5	0.9307	0.9276	-0.0031	0.998	0.9941	0.0039
2024-01-16T11:14:03	1	0	8	8	0	1.0425	1.0424	-0.0001	-1	-1	0.0000
2024-01-16T11:16:07	1	0	40	40	0	1.0567	1.0566	-0.0001	0.9691	0.9689	0.0002
2024-01-16T11:24:24	1	0	36	36	0	1.0568	1.0567	-0.0001	-0.9975	-0.9977	0.0002
2024-01-16T11:24:29	1	0	7	7	0	0.9706	0.9709	0.0002	0.9982	0.9982	0.0000
2024-01-16T11:27:46	1	0	4	4	0	1.0436	1.0436	0.0000	0.9978	0.9982	-0.0004
2024-01-16T11:29:37	1	0	1	1	0	1.0325	1.0313	-0.0012	0.9955	0.9955	0.0000
2024-01-16T11:30:33	1	0	3	3	0	1.0481	1.0481	0.0000	0.9975	0.9975	0.0000
2024-01-16T11:33:44	1	0	3	3	0	1.0163	1.0162	0.0000	0.9946	0.9946	0.0000
2024-01-16T11:33:54	1	0	3	3	0	0.9985	0.9984	-0.0001	-0.9975	-0.9975	0.0000
2024-01-16T11:35:27	1	0	3	3	0	0.9427	0.9427	0.0000	0.9962	0.9962	0.0000
2024-01-16T11:39:55	1	0	104	104	0	0.9282	0.9282	0.0000	0.9981	0.9981	0.0000
2024-01-16T11:42:47	1	0	3	3	0	1.0472	1.0471	0.0000	0.9971	0.9975	-0.0004
2024-01-16T11:45:17	1	0	4	4	0	0.9417	0.9417	0.0000	0.9862	0.9863	-0.0001
2024-01-16T11:47:23	1	0	44	45	-1	0.9479	0.9479	0.0000	0.9722	0.9722	0.0000
2024-01-16T11:48:45	1	0	2	2	0	1.0523	1.0523	0.0000	0.9949	0.9949	0.0000
2024-01-16T11:50:28	1	0	4	4	0	0.9428	0.9428	0.0000	0.9955	0.9954	0.0001
2024-01-16T12:03:46	1	0	1	1	0	1.0586	1.0585	-0.0001	0.9929	0.9929	0.0000
2024-01-16T12:12:49	1	0	59	56	3	1.0526	1.0525	-0.0001	1	-1	0.0000
2024-01-16T12:13:17	1	0	312	312	0	1.0688	1.0688	0.0000	-0.991	-0.991	0.0000
2024-01-16T12:15:19	1	0	1	1	0	0.9576	0.9576	0.0000	0.9786	0.9787	-0.0001
2024-01-16T12:42:51	1	0	6	6	0	1.0516	1.0513	-0.0003	0.9974	0.9977	-0.0003
2024-01-16T13:04:26	1	0	5	5	0	1.0511	1.0502	-0.0009	0.9996	0.9996	0.0000
2024-01-16T13:11:58	1	0	6	6	0	1.0498	1.0492	-0.0006	0.9922	0.992	0.0002
2024-01-16T13:17:29	1	0	47	48	-1	0.9405	0.9406	0.0000	0.9747	0.9747	0.0000
2024-01-16T13:26:51	1	0	4	4	0	1.0492	1.0491	-0.0001	0.9865	0.9865	0.0000
2024-01-16T13:38:21	1	0	41	40	1	1.0508	1.0508	0.0000	-0.9904	-0.9903	-0.0001
2024-01-16T13:40:27	3	0	30	29	1	1.0528	1.0527	-0.0001	0.993	0.993	0.0000
2024-01-16T13:45:22	1	0	64	63	1	1.0507	1.0507	-0.0001	0.9997	0.9997	0.0000
2024-01-16T13:47:04	1	0	2	2	0	1.0353	1.0351	-0.0002	0.998	0.998	0.0000
2024-01-16T13:49:29	1	0	4	4	0	1.0493	1.0493	-0.0001	0.9997	0.9997	0.0000
2024-01-16T13:51:49	1	0	3	4	-1	1.0546	1.0521	-0.0025	-0.9986	-0.9987	0.0001
2024-01-16T14:03:47	1	0	5	5	0	1.0383	1.0290	-0.0093	0.9859	0.986	-0.0001
2024-01-16T14:03:55	2	0	42	38	4	0.9537	0.9545	0.0008	0.9999	0.9999	0.0000
2024-01-16T14:04:13	1	0	3	3	0	1.0354	1.0352	-0.0002	0.9985	0.9985	0.0000
2024-01-16T14:04:14	1	0	1	1	0	1.0315	1.0315	0.0000	0.9948	0.9948	0.0000
2024-01-16T14:05:44	3	0	3	3	0	1.0456	1.0456	0.0000	-0.9971	-0.9971	0.0000
2024-01-16T14:09:09	2	0	2	2	0	1.0299	1.0299	0.0000	0.9941	0.9948	-0.0007
2024-01-16T14:09:55	1	0	34	32	2	0.9427	0.9426	-0.0001	0.9975	0.9975	0.0000
2024-01-16T14:11:54	1	0	5	5	0	1.0499	1.0498	0.0000	0.9855	0.9854	0.0001
2024-01-16T14:14:32	2	0	4	4	0	1.0472	1.0471	-0.0002	0.9999	0.9999	0.0000
2024-01-16T14:15:02	1	0	7	9	-2	0.9427	0.9431	0.0004	0.9893	0.9894	-0.0001
2024-01-16T14:18:09	3	0	22	20	2	1.0374	1.0351	-0.0023	0.9585	0.9585	0.0000
2024-01-16T14:18:48	2	0	4	4	0	1.0522	1.0519	-0.0004	0.9885	0.9883	0.0002
2024-01-16T14:18:55	3	0	3	3	0	1.0500	1.0500	0.0000	0.9955	0.9955	0.0000
2024-01-16T14:19:00	1	0	2	2	0	0.9842	0.9841	-0.0001	0.9891	0.9891	0.0000
2024-01-16T14:19:14	4	0	5	5	0	1.0359	1.0355	-0.0004	0.9984	0.9984	0.0000
2024-01-16T14:20:01	3	0	16	15	1	1.0550	1.0545	-0.0006	0.9967	0.9966	0.0001
2024-01-16T14:20:06	1	0	1	1	0	1.0381	1.0377	-0.0004	0.9809	0.9806	0.0003
2024-01-16T14:20:15	1	0	2	2	0	1.0181	1.0179	-0.0003	0.9969	0.9968	0.0001
2024-01-16T14:23:02	2	0	2	2	0	1.0209	1.0209	0.0000	0.996	0.996	0.0000
2024-01-16T14:25:06	3	0	88	88	0	0.9392	0.9391	0.0000	0.9973	0.9973	0.0000
2024-01-16T14:25:46	1	0	7	7	0	1.0291	1.0289	-0.0002	0.9973	0.9968	0.0005
2024-01-16T14:25:55	5	0	102	102	0	0.9310	0.9312	0.0002	-0.9924	-0.9923	-0.0001
2024-01-16T14:26:21	3	0	4	4	0	0.9978	0.9977	-0.0001	0.9833	0.9833	0.0000
2024-01-16T14:26:56	4	0	2	2	0	0.9419	0.9429	0.0010	0.982	0.9821	-0.0001
2024-01-16T14:28:15	4	0	1	1	0	1.0847	1.0847	0.0000	0.9792	0.9791	0.0001
2024-01-16T14:28:52	1	0	2	2	0	1.0303	1.0301	-0.0002	0.9922	0.9922	0.0000
2024-01-16T14:28:56	2	0	2	3	-1	0.9437	0.9439	0.0003	0.9998	0.9998	0.0000
2024-01-16T14:30:25	1	0	81	80	1	1.0529	1.0529	0.0000	0.9999	0.9999	0.0000
2024-01-16T14:30:45	1	0	18	16	2	1.0471	1.0473	0.0002	0.9917	0.9917	0.0000
2024-01-16T14:31:40	1	0	1	1	0	1.0317	1.0312	-0.0005	0.9941	0.9938	0.0003
2024-01-16T14:31:49	1	0	86	86	0	0.9195	0.9196	0.0001	0.9934	0.9934	0.0000
2024-01-16T14:33:49	3	0	4	4	0	1.0374	1.0372	-0.0002	0.9906	0.9905	0.0001
2024-01-16T14:34:07	1	0	2	2	0	0.9892	0.9891	-0.0001	-0.9959	-0.996	0.0001
2024-01-16T14:34:12	1	0	1	1	0	1.0383	1.0380	-0.0003	-0.9994	-0.9995	0.0001
2024-01-16T14:34:15	1	0	4	4	0	1.0382	1.0382	0.0000	0.9985	0.9985	0.0000
2024-01-16T14:35:02	2	0	20	19	1	1.0563	1.0563	0.0000	0.9968	0.9967	0.0001
2024-01-16T14:35:02	1	0	2	2	0	1.0337	1.0336	-0.0001	0.9969	0.9969	0.0000
2024-01-16T14:35:07	1	0	1	1	0	1.0377	1.0376	-0.0001	0.9771	0.9772	-0.0001
2024-01-16T14:35:16	1	0	2	2	0	1.0168	1.0167	-0.0001	0.9971	0.9971	0.0000
2024-01-16T14:35:42	1	0	9	9	0	1.0408	1.0406	-0.0002	0.9971	0.997	0.0001
2024-01-16T14:35:45	2	0	10	10	0	1.0435	1.0432	-0.0003	0.997	0.9969	0.0001
2024-01-16T14:36:52	2	0	3	3	0	1.0488	1.0486	-0.0002	-0.9994	-0.9994	0.0000
2024-01-16T14:38:03	2	0	3	3	0	1.0007	1.0008	0.0001	0.9963	0.9963	0.0000
2024-01-16T14:39:42	1	0	5	5	0	0.9925	0.9926	0.0001	0.9982	0.9982	0.0000

2024-01-16T14:40:07	2	0	114	114	0	0.9278	0.9279	0.0000	0.9958	0.9958	0.0000
2024-01-16T14:40:56	4	0	104	104	0	0.9242	0.9242	0.0000	-0.9911	-0.9911	0.0000
2024-01-16T14:41:31	2	0	4	4	0	1.0263	1.0261	-0.0001	0.9893	0.9891	0.0002
2024-01-16T14:42:04	3	0	19	18	1	1.0526	1.0524	-0.0002	1	1	0.0000
2024-01-16T14:43:58	1	0	125	125	0	0.9355	0.9355	0.0000	0.9912	0.9912	0.0000
2024-01-16T14:45:26	1	0	82	81	1	1.0527	1.0526	0.0000	0.9999	0.9999	0.0000
2024-01-16T14:45:46	1	0	20	20	0	1.0485	1.0485	0.0000	0.9931	0.9931	0.0000
2024-01-16T14:46:53	4	0	1	1	0	1.0420	1.0405	-0.0015	0.9869	0.9937	-0.0068
2024-01-16T14:48:11	3	0	56	52	4	1.0564	1.0567	0.0003	0.9658	0.9657	0.0001
2024-01-16T14:49:02	2	0	2	2	0	0.9926	0.9924	-0.0002	0.9863	0.9862	0.0001
2024-01-16T14:49:11	2	0	18	17	1	0.9452	0.9443	-0.0009	0.9532	0.9532	0.0000
2024-01-16T14:49:16	4	0	8	7	1	1.0326	1.0341	0.0015	0.9984	0.9984	0.0000
2024-01-16T14:49:33	1	0	11	10	1	1.0486	1.0478	-0.0007	0.9999	0.9999	0.0000
2024-01-16T14:50:14	1	0	1	0	1	1.0552	null	null	0.9878	0.9877	0.0001
2024-01-16T14:51:27	2	0	3	3	0	1.0319	1.0312	-0.0007	0.9962	0.9961	0.0001
2024-01-16T14:52:05	2	0	11	11	0	0.9465	0.9465	0.0000	0.9875	0.9875	0.0000
2024-01-16T14:53:00	1	0	1	1	0	1.0365	1.0362	-0.0003	0.9954	0.9953	0.0001
2024-01-16T14:53:04	2	0	3	3	0	1.0004	1.0005	0.0001	0.9966	0.9966	0.0000
2024-01-16T14:55:08	1	0	39	36	3	1.0555	1.0550	-0.0004	0.9836	0.9836	0.0000
2024-01-16T14:56:59	1	0	2	2	0	0.9996	0.9997	0.0001	0.98	0.98	0.0000
2024-01-16T14:57:57	1	0	26	25	1	1.0490	1.0487	-0.0003	-0.9992	-0.9993	0.0001
2024-01-16T14:58:59	1	0	104	104	0	0.9378	0.9378	0.0000	0.9917	0.9916	0.0001
2024-01-16T15:00:27	1	0	99	98	1	1.0530	1.0530	0.0000	0.9998	0.9998	0.0000
2024-01-16T15:02:30	2	0	18	17	1	1.0394	1.0401	0.0008	0.9964	0.9964	0.0000
2024-01-16T15:03:51	1	0	11	10	1	1.0479	1.0470	-0.0009	0.9951	0.9951	0.0000
2024-01-16T15:04:01	2	0	6	6	0	1.0308	1.0309	0.0001	-1	-1	0.0000
2024-01-16T15:04:14	1	0	4	4	0	0.9946	0.9944	-0.0001	-0.9996	-0.9996	0.0000
2024-01-16T15:04:17	1	0	2	2	0	1.0328	1.0328	0.0000	0.9985	0.9985	0.0000
2024-01-16T15:05:38	2	0	20	19	1	1.0488	1.0482	-0.0005	0.9727	0.972	0.0007
2024-01-16T15:05:47	1	0	1	1	0	1.0400	1.0400	0.0000	0.9888	0.9888	0.0000
2024-01-16T15:05:48	1	0	23	23	0	1.0464	1.0463	-0.0001	-0.9948	-0.9949	0.0001
2024-01-16T15:05:56	1	0	2	2	0	0.9390	0.9394	0.0004	0.9952	0.9952	0.0000
2024-01-16T15:07:06	1	0	12	12	0	0.9448	0.9452	0.0004	0.987	0.9871	-0.0001
2024-01-16T15:10:35	1	0	6	6	0	1.0469	1.0468	-0.0001	0.9942	0.9941	0.0001
2024-01-16T15:13:28	1	0	29	29	0	0.9446	0.9446	0.0000	0.9965	0.9965	0.0000
2024-01-16T15:14:52	1	0	1	1	0	0.9805	0.9805	0.0000	0.9866	0.9866	0.0000
2024-01-16T15:19:10	1	0	5	5	0	1.0193	1.0193	-0.0001	-0.9958	-0.9958	0.0000
2024-01-16T15:19:13	3	0	24	24	0	0.9441	0.9442	0.0001	0.9547	0.955	-0.0003
2024-01-16T15:19:18	1	0	2	2	0	1.0380	1.0378	-0.0002	0.9986	0.9986	0.0000
2024-01-16T15:19:35	1	0	23	22	1	1.0514	1.0511	-0.0003	-0.9995	-0.9995	0.0000
2024-01-16T15:21:55	2	0	9	9	0	1.0462	1.0460	-0.0002	-0.9981	-0.9981	0.0000
2024-01-16T15:24:34	1	0	1	1	0	0.9915	0.9919	0.0004	0.9963	0.9964	-0.0001
2024-01-16T15:28:29	1	0	3	3	0	0.9510	0.9515	0.0005	0.9973	0.9973	0.0000
2024-01-16T15:31:22	1	0	16	16	0	1.0392	1.0391	-0.0001	-0.9999	-1	0.0001
2024-01-16T15:33:52	1	0	2	2	0	1.0460	1.0455	-0.0005	-0.9941	-0.9942	0.0001
2024-01-16T15:44:01	2	0	22	21	1	0.9381	0.9383	0.0002	0.9996	0.9997	-0.0001
2024-01-16T15:44:38	1	0	4	4	0	1.0461	1.0461	0.0000	1	1	0.0000
2024-01-16T15:44:54	1	0	1	1	0	1.0282	1.0278	-0.0004	0.9863	0.9863	0.0000
2024-01-16T15:49:02	2	0	1	1	0	0.9432	0.9433	0.0001	0.9943	0.9943	0.0000
2024-01-16T15:56:36	1	0	5	5	0	1.0278	1.0278	0.0000	0.9896	0.9896	0.0000
2024-01-16T15:59:02	1	0	1	1	0	1.0295	1.0283	-0.0012	0.9995	0.9995	0.0000
2024-01-16T16:41:30	1	0	15	15	0	0.9708	0.9709	0.0001	0.9846	0.9846	0.0000
2024-01-16T16:46:27	1	0	11	11	0	1.0345	1.0345	0.0000	-0.9999	-1	0.0001
2024-01-16T16:57:19	1	0	2	2	0	0.9817	0.9819	0.0002	0.9961	0.9961	0.0000
2024-01-16T16:57:23	1	0	82	82	0	0.9336	0.9337	0.0001	-1	-1	0.0000
2024-01-16T16:57:40	2	0	89	87	2	0.9394	0.9397	0.0003	0.9905	0.9906	-0.0001
2024-01-16T16:59:10	1	0	23	23	0	1.0216	1.0216	0.0000	0.9882	0.988	0.0002
2024-01-16T16:59:16	1	0	154	154	0	0.9048	0.9049	0.0001	0.9798	0.9799	-0.0001
2024-01-16T17:02:02	1	0	140	140	0	0.9140	0.9140	0.0000	0.993	0.993	0.0000
2024-01-16T17:06:43	1	0	11	11	0	1.0528	1.0528	0.0000	0.9977	0.9981	-0.0004
2024-01-16T17:11:13	1	0	171	170	1	0.9386	0.9386	0.0000	0.9671	0.9671	0.0000
2024-01-16T17:14:06	2	0	225	224	1	0.9280	0.9280	0.0000	0.9868	0.9865	0.0003
2024-01-16T17:14:11	1	0	91	89	2	1.0066	1.0066	-0.0001	0.9871	0.9869	0.0002
2024-01-16T17:17:03	1	0	151	151	0	0.8930	0.8933	0.0003	0.9907	0.9907	0.0000
2024-01-16T17:17:59	1	0	344	344	0	0.9106	0.9107	0.0000	-0.9993	-0.9991	-0.0002
2024-01-16T17:26:16	5	0	41	40	1	0.9462	0.9462	0.0000	0.9985	0.9984	0.0001
2024-01-16T17:29:07	7	0	254	253	1	0.9262	0.9265	0.0003	0.9868	0.9865	0.0003
2024-01-16T17:33:01	1	0	338	338	0	0.9102	0.9102	0.0000	-0.9996	-0.9995	-0.0001
2024-01-16T17:40:40	1	0	120	120	0	0.9426	0.9426	0.0000	0.9868	0.987	-0.0002
2024-01-16T17:44:08	14	0	342	325	17	0.9285	0.9286	0.0000	0.9868	0.9868	0.0000
2024-01-16T17:46:56	2	0	4	4	0	1.0325	1.0325	0.0000	-0.9938	-0.9938	0.0000
2024-01-16T17:49:02	1	0	25	24	1	0.9397	0.9397	0.0000	0.9883	0.9883	0.0000
2024-01-16T17:50:01	2	0	69	69	0	0.9283	0.9284	0.0001	0.9927	0.9927	0.0000
2024-01-16T17:51:46	1	0	16	16	0	1.0119	1.0119	0.0000	0.998	0.9981	-0.0001
2024-01-16T17:52:34	1	0	2	2	0	0.9502	0.9502	0.0000	0.9788	0.9788	0.0000
2024-01-16T17:54:36	2	0	602	602	0	1.0714	1.0714	0.0000	0.9992	0.9992	0.0000
2024-01-16T17:59:09	2	0	84	84	0	0.9325	0.9325	0.0000	0.9869	0.9869	0.0000
2024-01-16T18:02:15	2	0	408	153	255	0.9049	0.9145	0.0095	0.9891	0.9918	-0.0027
2024-01-16T18:05:16	2	0	297	297	0	0.9006	0.9006	0.0000	0.9874	0.9875	-0.0001
2024-01-16T18:14:15	2	0	165	163	2	0.9957	0.9957	0.0000	0.9897	0.9897	0.0000
2024-01-16T18:15:11	1	0	5	5	0	0.9655	0.9655	0.0000	0.9854	0.9853	0.0001
2024-01-16T18:20:03	1	0	68	68	0	0.9278	0.9279	0.0000	0.9922	0.9922	0.0000
2024-01-16T18:26:07	1	0	34	34	0	0.9578	0.9578	0.0000	1	1	0.0000
2024-01-16T18:29:11	1	0	58	56	2	0.9453	0.9453	0.0000	0.9875	0.9875	0.0000
2024-01-17T07:48:30	1	0	88	88	0	0.9367	0.9368	0.0001	0.9979	0.9978	0.0001

2024-01-17T07:51:38	3	0	189	188	1	0.9838	0.9839	0.0000	0.9967	0.9967	0.0000
2024-01-17T07:52:30	1	0	45	44	1	0.9373	0.9372	-0.0001	0.9769	0.977	-0.0001
2024-01-17T07:55:31	1	0	107	107	0	0.9252	0.9252	0.0000	-0.9939	-0.9934	-0.0005
2024-01-17T07:57:25	4	0	397	397	0	0.8967	0.8967	0.0000	0.9885	0.9887	-0.0002
2024-01-17T07:58:07	1	0	168	166	2	0.9223	0.9231	0.0009	-0.9974	-0.9972	-0.0002
2024-01-17T07:58:49	2	0	102	102	0	0.9334	0.9335	0.0001	0.9996	0.9996	0.0000
2024-01-17T07:59:22	1	0	43	42	1	0.9420	0.9420	0.0000	0.9956	0.9956	0.0000
2024-01-17T08:01:21	5	0	121	120	1	0.9139	0.9141	0.0002	0.9938	0.9938	0.0000
2024-01-17T08:03:31	1	0	64	64	0	0.9364	0.9364	0.0001	0.9979	0.9979	0.0000
2024-01-17T08:04:52	1	0	127	127	0	0.9227	0.9228	0.0001	0.9996	0.9996	0.0000
2024-01-17T08:06:36	26	0	615	607	8	0.9208	0.9213	0.0005	0.9809	0.981	-0.0001
2024-01-17T08:06:39	4	0	248	248	0	0.9231	0.9232	0.0001	0.9875	0.9874	0.0001
2024-01-17T08:06:45	2	0	135	135	0	0.9249	0.9250	0.0001	0.9763	0.9763	0.0000
2024-01-17T08:08:24	2	0	141	140	1	0.9005	0.9008	0.0002	0.9995	0.9995	0.0000
2024-01-17T08:09:30	1	0	111	109	2	0.9410	0.9410	0.0001	0.9898	0.9898	0.0000
2024-01-17T08:13:41	2	0	245	245	0	0.9283	0.9284	0.0001	0.9989	0.999	-0.0001
2024-01-17T08:17:57	2	0	137	109	28	0.9068	0.9305	0.0237	0.9927	0.9957	-0.0030
2024-01-17T08:18:07	1	0	68	67	1	1.0592	1.0592	0.0000	0.9867	0.9867	0.0000
2024-01-17T08:18:36	1	0	81	80	1	1.0577	1.0577	0.0000	1	1	0.0000
2024-01-17T08:19:59	1	0	18	18	0	0.9408	0.9408	0.0000	0.9864	0.9864	0.0000
2024-01-17T08:21:34	2	0	360	360	0	1.0644	1.0644	0.0000	0.9837	0.9836	0.0001
2024-01-17T08:22:44	1	0	32	33	-1	0.9883	0.9883	0.0000	0.9979	0.998	-0.0001
2024-01-17T08:24:53	1	0	132	132	0	0.9101	0.9101	0.0000	0.9878	0.9879	-0.0001
2024-01-17T08:26:39	1	0	134	134	0	0.9358	0.9359	0.0001	0.9832	0.9836	-0.0004
2024-01-17T08:27:17	4	0	102	101	1	0.9458	0.9459	0.0001	0.9998	0.9998	0.0000
2024-01-17T08:30:07	1	0	590	589	1	0.9158	0.9159	0.0001	0.9819	0.9819	0.0000
2024-01-17T08:31:11	1	0	233	233	0	0.9105	0.9106	0.0000	0.9983	0.9983	0.0000
2024-01-17T08:37:45	1	0	10	10	0	1.0528	1.0528	0.0000	0.9981	0.9981	0.0000
2024-01-17T08:39:53	1	0	108	108	0	0.9163	0.9164	0.0000	0.9887	0.9888	-0.0001
2024-01-17T08:42:15	4	0	39	38	1	0.9459	0.9460	0.0001	0.9632	0.9632	0.0000
2024-01-17T08:43:22	1	0	67	63	4	0.9438	0.9439	0.0001	0.9917	0.9917	0.0000
2024-01-17T08:45:11	1	0	2	2	0	0.9417	0.9419	0.0002	-0.9999	-0.9999	0.0000
2024-01-17T08:45:22	1	0	482	478	4	0.9225	0.9226	0.0001	0.9829	0.9829	0.0000
2024-01-17T08:46:06	1	0	34	34	0	0.9397	0.9397	0.0000	0.9758	0.9758	0.0000
2024-01-17T08:48:05	1	0	152	152	0	0.8890	0.8890	0.0000	0.9964	0.9964	0.0000
2024-01-17T08:48:58	1	0	108	108	0	0.9452	0.9453	0.0001	0.9897	0.9897	0.0000
2024-01-17T09:00:12	1	0	1	1	0	0.9423	0.9423	0.0000	-0.9998	-0.9998	0.0000
2024-01-17T09:00:14	3	0	167	167	0	0.9298	0.9298	0.0000	0.9884	0.9882	0.0002
2024-01-17T09:00:20	2	0	73	73	0	0.9256	0.9256	0.0000	0.9921	0.9921	0.0000
2024-01-17T09:03:06	1	0	145	145	0	0.9011	0.9011	0.0000	0.9964	0.9974	-0.0010
2024-01-17T09:03:10	1	0	59	57	2	1.0579	1.0579	0.0000	0.9861	0.9861	0.0000
2024-01-17T09:03:25	1	0	109	109	0	0.9372	0.9373	0.0000	0.9972	0.9973	-0.0001
2024-01-17T09:06:37	4	0	452	446	6	1.0674	1.0674	0.0000	0.984	0.9859	-0.0019
2024-01-17T09:06:42	1	0	88	86	2	0.9293	0.9293	0.0000	-0.9997	-0.9996	-0.0001
2024-01-17T09:07:47	1	0	14	14	0	1.0517	1.0517	0.0000	0.998	0.998	0.0000
2024-01-17T09:08:35	3	0	5	5	0	0.9516	0.9513	-0.0003	0.9876	0.9876	0.0000
2024-01-17T09:09:55	5	0	108	105	3	0.9165	0.9171	0.0006	0.9882	0.9882	0.0000
2024-01-17T09:11:46	1	0	159	155	4	0.9533	0.9538	0.0005	0.9833	0.9837	-0.0004
2024-01-17T09:13:24	1	0	48	44	4	0.9476	0.9478	0.0002	0.998	0.998	0.0000
2024-01-17T09:13:28	1	0	99	98	1	0.9328	0.9327	0.0000	1	1	0.0000
2024-01-17T09:13:45	2	0	145	140	5	0.9379	0.9381	0.0002	1	1	0.0000
2024-01-17T09:15:30	33	0	425	366	59	0.9278	0.9332	0.0054	0.9835	0.9837	-0.0002
2024-01-17T09:16:11	2	0	2	2	0	0.9817	0.9820	0.0003	0.9888	0.9887	0.0001
2024-01-17T09:17:45	2	0	4	4	0	1.0165	1.0163	-0.0002	0.9905	0.9903	0.0002
2024-01-17T09:18:06	2	0	23	22	1	0.9495	0.9502	0.0007	0.9902	0.9902	0.0000
2024-01-17T09:18:40	2	0	128	126	2	1.0608	1.0606	-0.0002	-0.9995	-0.9995	0.0000
2024-01-17T09:19:04	3	0	137	137	0	0.9117	0.9118	0.0001	-0.9958	-0.9953	-0.0005
2024-01-17T09:19:32	1	0	2	2	0	0.9801	0.9801	0.0000	0.9927	0.9926	0.0001
2024-01-17T09:52:40	2	0	61	57	4	0.9356	0.9356	0.0000	-1	-1	0.0000
2024-01-17T09:52:55	4	0	13	13	0	1.0227	1.0226	-0.0002	0.9677	0.9677	0.0000
2024-01-17T09:53:00	18	0	18	14	4	1.0401	1.0397	-0.0004	0.9967	0.9968	-0.0001
2024-01-17T09:53:17	1	0	6	6	0	0.9735	0.9733	-0.0002	-1	-1	0.0000
2024-01-17T09:54:27	6	0	55	52	3	0.9586	0.9439	-0.0148	0.9871	0.9869	0.0002
2024-01-17T09:54:33	2	0	135	134	1	0.9191	0.9191	0.0000	0.9725	0.9727	-0.0002
2024-01-17T09:55:26	1	0	185	185	0	0.9143	0.9144	0.0000	0.9997	0.9997	0.0000
2024-01-17T09:56:25	1	0	112	111	1	0.9379	0.9383	0.0003	0.9959	0.9959	0.0000
2024-01-17T09:57:13	6	0	84	83	1	0.9399	0.9399	0.0000	0.9953	0.9972	-0.0019
2024-01-17T09:57:19	8	0	128	126	2	0.9255	0.9266	0.0010	0.9913	0.9915	-0.0002
2024-01-17T09:57:43	2	0	7	7	0	0.9486	0.9490	0.0004	0.9971	0.9971	0.0000
2024-01-17T09:58:16	2	0	122	121	1	0.9199	0.9203	0.0003	-0.994	-0.9933	-0.0007
2024-01-17T09:58:42	1	0	90	89	1	0.9459	0.9460	0.0001	0.9818	0.9818	0.0000
2024-01-17T09:59:19	3	0	4	4	0	1.0198	1.0200	0.0002	0.9876	0.9876	0.0000
2024-01-17T09:59:25	1	0	11	10	1	1.0517	1.0511	-0.0006	0.9917	0.9915	0.0002
2024-01-17T10:00:09	1	0	38	36	2	1.0578	1.0571	-0.0007	-0.9991	-0.9992	0.0001
2024-01-17T10:00:13	4	0	158	146	12	0.9211	0.9213	0.0002	0.9972	0.9973	-0.0001
2024-01-17T10:00:20	2	0	58	56	2	1.0551	1.0549	-0.0001	-0.9986	-0.9984	-0.0002
2024-01-17T10:00:55	2	0	11	10	1	0.9508	0.9514	0.0007	-0.9979	-0.9971	-0.0008
2024-01-17T10:02:00	5	0	23	21	2	1.0549	1.0543	-0.0006	0.9986	0.9986	0.0000
2024-01-17T10:02:50	1	0	1	1	0	1.0213	1.0209	-0.0004	0.9987	0.9986	0.0001
2024-01-17T10:03:14	1	0	24	21	3	0.9434	0.9438	0.0004	0.998	0.998	0.0000
2024-01-17T10:03:19	4	0	26	19	7	0.9455	0.9506	0.0051	0.9906	0.9904	0.0002
2024-01-17T10:03:21	1	0	2	2	0	1.0077	1.0076	-0.0001	0.9695	0.9693	0.0002
2024-01-17T10:03:38	8	0	13	13	0	1.0346	1.0344	-0.0002	-1	-1	0.0000
2024-01-17T10:03:56	2	0	3	3	0	1.0021	1.0024	0.0003	-0.9991	-0.999	-0.0001
2024-01-17T10:04:09	3	0	83	82	1	0.9230	0.9232	0.0002	0.9896	0.9897	-0.0001

2024-01-17T10:04:26	2	0	2	2	0	1.0363	1.0360	-0.0004	0.9959	0.9958	0.0001
2024-01-17T10:04:46	5	0	15	15	0	1.0483	1.0473	-0.0010	0.9889	0.9887	0.0002
2024-01-17T10:05:05	5	0	1	1	0	1.0264	1.0254	-0.0010	-0.9964	-0.9965	0.0001
2024-01-17T10:05:27	4	0	135	130	5	0.9790	0.9762	-0.0028	0.9491	0.9492	-0.0001
2024-01-17T10:06:06	1	0	1	1	0	1.0449	1.0443	-0.0006	-0.9877	-0.988	0.0003
2024-01-17T10:06:09	3	0	1	1	0	0.9766	0.9784	0.0018	0.9814	0.9817	-0.0003
2024-01-17T10:07:50	2	0	54	45	9	0.9378	0.9393	0.0014	0.9855	0.9816	0.0039
2024-01-17T10:07:52	1	0	19	15	4	0.9434	0.9435	0.0002	0.9917	0.9918	-0.0001
2024-01-17T10:08:01	1	0	9	9	0	1.0416	1.0416	0.0001	0.9967	0.9967	0.0000
2024-01-17T10:09:28	3	0	66	65	1	0.9876	0.9876	0.0000	0.987	0.9869	0.0001
2024-01-17T10:10:42	4	0	7	7	0	1.0265	1.0262	-0.0003	0.9981	0.9981	0.0000
2024-01-17T10:10:57	5	0	15	10	5	0.9422	0.9422	0.0000	0.9994	0.9994	0.0000
2024-01-17T10:11:36	1	0	1	1	0	0.9436	0.9443	0.0007	0.989	0.9891	-0.0001
2024-01-17T10:11:52	1	0	1	0	1	0.9874	null	null	0.9961	0.996	0.0001
2024-01-17T10:13:08	1	0	7	7	0	1.0008	1.0007	0.0000	0.9916	0.9915	0.0001
2024-01-17T10:13:21	1	0	116	116	0	0.9205	0.9208	0.0003	-0.994	-0.992	-0.0020
2024-01-17T10:13:43	3	0	34	29	5	0.9555	0.9543	-0.0012	0.9852	0.9853	-0.0001
2024-01-17T10:13:45	1	0	1	0	1	0.9449	null	null	0.9872	0.987	0.0002
2024-01-17T10:15:36	4	0	4	4	0	0.9664	0.9666	0.0001	0.978	0.978	0.0000
2024-01-17T10:16:15	2	0	192	191	1	0.9365	0.9365	0.0000	0.9886	0.9886	0.0000
2024-01-17T10:17:09	1	0	12	12	0	1.0519	1.0519	0.0000	0.9986	0.9986	0.0000
2024-01-17T10:17:25	1	0	51	50	1	0.9372	0.9372	0.0000	0.985	0.9849	0.0001
2024-01-17T10:18:02	1	0	2	0	2	0.9448	null	null	0.993	0.993	0.0000
2024-01-17T10:18:39	4	0	12	12	0	1.0337	1.0335	-0.0001	1	1	0.0000
2024-01-17T10:19:52	2	0	14	13	1	1.0402	1.0392	-0.0010	0.9887	0.9886	0.0001
2024-01-17T10:19:55	1	0	35	34	1	0.9400	0.9437	0.0037	0.9871	0.9872	-0.0001
2024-01-17T10:20:00	1	0	15	15	0	0.9439	0.9443	0.0005	0.9754	0.9755	-0.0001
2024-01-17T10:20:52	1	0	69	69	0	1.0596	1.0595	0.0000	-0.9829	-0.9829	0.0000
2024-01-17T10:21:17	2	0	1	1	0	0.9433	0.9440	0.0007	0.9903	0.9897	0.0006
2024-01-17T10:21:29	1	0	105	104	1	0.9439	0.9440	0.0001	-0.9996	-0.9996	0.0000
2024-01-17T10:21:36	8	0	7	7	0	0.9937	0.9935	-0.0002	0.9948	0.9943	0.0005
2024-01-17T10:22:38	1	0	7	7	0	0.9722	0.9721	-0.0001	0.9963	0.9963	0.0000
2024-01-17T10:23:23	3	0	1	0	1	1.0451	null	null	-1	-1	0.0000
2024-01-17T10:26:53	1	0	1	1	0	0.9870	0.9873	0.0003	0.996	0.996	0.0000
2024-01-17T10:27:14	2	0	120	119	1	0.9379	0.9376	-0.0003	0.9976	0.9976	0.0000
2024-01-17T10:28:24	1	0	11	10	1	1.0500	1.0494	-0.0005	-0.9969	-0.9969	0.0000
2024-01-17T10:28:44	1	0	77	77	0	0.9533	0.9533	0.0000	0.9851	0.985	0.0001
2024-01-17T10:30:11	1	0	155	155	0	0.8822	0.8838	0.0016	-0.9975	-0.9974	-0.0001
2024-01-17T10:30:37	5	0	5	5	0	0.9609	0.9612	0.0003	0.9758	0.976	-0.0002
2024-01-17T10:30:52	1	0	367	366	1	1.0647	1.0646	0.0000	0.9844	0.9842	0.0002
2024-01-17T10:31:21	1	0	7	7	0	0.9494	0.9502	0.0008	0.9981	0.9982	-0.0001
2024-01-17T10:31:40	3	0	6	6	0	0.9576	0.9591	0.0014	0.9993	0.9994	-0.0001
2024-01-17T10:31:47	1	0	20	19	1	1.0475	1.0470	-0.0005	0.996	0.9959	0.0001
2024-01-17T10:32:10	1	0	10	10	0	1.0492	1.0491	-0.0001	0.9999	0.9998	0.0001
2024-01-17T10:32:11	1	0	1	0	1	0.9810	null	null	0.9946	0.9946	0.0000
2024-01-17T10:32:50	3	0	5	6	-1	0.9320	0.9339	0.0018	0.9864	0.9862	0.0002
2024-01-17T10:33:23	6	0	13	11	2	0.9772	0.9837	0.0065	0.9888	0.989	-0.0002
2024-01-17T10:33:57	1	0	2	2	0	0.9950	0.9949	-0.0002	-0.9989	-0.9989	0.0000
2024-01-17T10:34:28	1	0	4	4	0	1.0381	1.0378	-0.0003	0.9959	0.9958	0.0001
2024-01-17T10:34:41	2	0	7	7	0	1.0329	1.0326	-0.0002	0.9961	0.996	0.0001
2024-01-17T10:34:45	3	0	51	44	7	0.9413	0.9414	0.0001	0.994	0.994	0.0000
2024-01-17T10:34:56	1	0	39	38	1	0.9424	0.9387	-0.0037	0.9877	0.9877	0.0000
2024-01-17T10:36:08	1	0	2	0	2	1.0455	null	null	-0.9881	-0.9884	0.0003
2024-01-17T10:36:18	1	0	1	1	0	0.9437	0.9439	0.0002	0.9892	0.9892	0.0000
2024-01-17T10:36:23	1	0	2	2	0	1.0329	1.0326	-0.0003	0.9885	0.988	0.0005
2024-01-17T10:37:23	4	0	5	5	0	1.0494	1.0486	-0.0008	0.9927	0.9925	0.0002
2024-01-17T10:37:41	3	0	7	6	1	0.9677	0.9730	0.0053	0.9776	0.9783	-0.0007
2024-01-17T10:37:50	2	0	41	32	9	0.9426	0.9444	0.0018	0.9717	0.972	-0.0003
2024-01-17T10:38:03	1	0	8	8	0	1.0389	1.0390	0.0001	0.9978	0.9978	0.0000
2024-01-17T10:38:11	1	0	33	32	1	0.9908	0.9908	-0.0001	0.9965	0.9965	0.0000
2024-01-17T10:39:06	2	0	4	4	0	1.0464	1.0462	-0.0002	0.997	0.997	0.0000
2024-01-17T10:39:25	7	0	15	12	3	0.9593	0.9548	-0.0045	0.9854	0.9852	0.0002
2024-01-17T10:39:37	1	0	47	47	0	0.9717	0.9716	-0.0001	0.99	0.9897	0.0003
2024-01-17T10:41:59	7	0	59	57	2	1.0301	1.0357	0.0056	0.9727	0.9726	0.0001
2024-01-17T10:44:22	1	0	3	3	0	1.0179	1.0180	0.0001	0.9897	0.9897	0.0000
2024-01-17T10:45:38	1	0	4	4	0	0.9683	0.9685	0.0002	0.9774	0.9774	0.0000
2024-01-17T10:46:22	1	0	15	13	2	0.9451	0.9461	0.0009	0.9985	0.9985	0.0000
2024-01-17T10:46:41	1	0	7	7	0	0.9728	0.9728	-0.0001	0.9995	0.9994	0.0001
2024-01-17T10:47:12	1	0	1	1	0	0.9774	0.9779	0.0005	0.9943	0.9943	0.0000
2024-01-17T10:47:53	2	0	2	1	1	1.0391	1.0211	-0.0180	0.9989	0.9988	0.0001
2024-01-17T10:48:21	2	0	12	11	1	0.9489	0.9493	0.0004	0.9921	0.9921	0.0000
2024-01-17T10:48:43	2	0	72	69	3	0.9498	0.9499	0.0002	0.9838	0.9834	0.0004
2024-01-17T10:49:12	1	0	81	81	0	0.9212	0.9214	0.0002	0.9898	0.9899	-0.0001
2024-01-17T10:49:46	2	0	85	83	2	0.9308	0.9313	0.0005	0.9944	0.9944	0.0000
2024-01-17T10:49:57	3	0	35	33	2	0.9551	0.9502	-0.0050	0.9827	0.9826	0.0001
2024-01-17T10:50:02	1	0	1	0	1	1.0559	null	null	0.9766	0.9765	0.0001
2024-01-17T10:50:05	2	0	18	17	1	1.0475	1.0467	-0.0008	0.9895	0.9894	0.0001
2024-01-17T10:50:58	2	0	150	148	2	0.9518	0.9522	0.0005	0.9863	0.9862	0.0001
2024-01-17T10:51:09	2	0	3	4	-1	1.0465	1.0454	-0.0011	-0.9866	-0.9871	0.0005
2024-01-17T10:51:35	3	0	16	15	1	0.9581	0.9590	0.0009	1	1	0.0000
2024-01-17T10:52:37	2	0	1	0	1	1.0278	null	null	0.9867	0.9867	0.0000
2024-01-17T10:52:42	1	0	28	27	1	0.9464	0.9466	0.0002	0.974	0.9742	-0.0002
2024-01-17T10:53:11	2	0	19	18	1	1.0343	1.0337	-0.0006	0.9761	0.9758	0.0003
2024-01-17T10:53:23	1	0	7	7	0	1.0475	1.0474	-0.0001	0.999	0.9989	0.0001
2024-01-17T10:55:22	2	0	2	2	0	1.0347	1.0344	-0.0003	0.9966	0.9966	0.0000

2024-01-17T10:57:45	1	0	124	124	0	0.9288	0.9291	0.0003	0.9915	0.9915	0.0000
2024-01-17T10:59:21	1	0	2	2	0	1.0509	1.0504	-0.0005	0.9839	0.9838	0.0001
2024-01-17T10:59:29	1	0	12	11	1	1.0526	1.0519	-0.0007	0.9913	0.9911	0.0002
2024-01-17T11:00:24	1	0	26	26	0	1.0511	1.0511	0.0000	-0.9992	-0.999	-0.0002
2024-01-17T11:01:18	2	0	7	8	-1	1.0375	1.0338	-0.0037	0.9901	0.99	0.0001
2024-01-17T11:02:12	1	0	35	35	0	1.0552	1.0552	0.0000	0.9999	0.9999	0.0000
2024-01-17T11:02:52	4	0	5	5	0	0.9484	0.9480	-0.0004	0.9889	0.9888	0.0001
2024-01-17T11:03:10	1	0	1	0	1	1.0331	null	null	0.9966	0.9966	0.0000
2024-01-17T11:03:44	1	0	58	54	4	1.0092	1.0093	0.0001	0.9834	0.9835	-0.0001
2024-01-17T11:04:02	1	0	6	6	0	0.9895	0.9892	-0.0003	0.9741	0.9738	0.0003
2024-01-17T11:04:18	4	0	1	1	0	1.0430	1.0415	-0.0015	0.9859	0.9931	-0.0072
2024-01-17T11:06:10	1	0	5	5	0	1.0452	1.0446	-0.0007	-0.9878	-0.9881	0.0003
2024-01-17T11:06:12	2	0	5	5	0	1.0363	1.0357	-0.0006	0.9859	0.9856	0.0003
2024-01-17T11:06:36	1	0	2	2	0	1.0309	1.0307	-0.0002	-0.9999	-0.9999	0.0000
2024-01-17T11:06:48	3	0	11	10	1	1.0234	1.0212	-0.0022	0.9961	0.9961	0.0000
2024-01-17T11:08:13	1	0	11	11	0	1.0464	1.0462	-0.0002	0.9956	0.9956	0.0000
2024-01-17T11:08:31	3	0	98	98	0	1.0173	1.0173	0.0000	0.9725	0.9723	0.0002
2024-01-17T11:08:50	2	0	9	9	0	1.0302	1.0301	-0.0001	0.9881	0.988	0.0001
2024-01-17T11:09:08	1	0	7	7	0	1.0525	1.0523	-0.0002	0.9972	0.9971	0.0001
2024-01-17T11:09:27	4	0	14	13	1	0.9499	0.9430	-0.0070	0.9848	0.9848	0.0000
2024-01-17T11:13:41	1	0	3	3	0	1.0229	1.0229	-0.0001	0.9844	0.9841	0.0003
2024-01-17T11:16:00	1	0	46	42	4	0.9398	0.9396	-0.0002	-0.9991	-0.999	-0.0001
2024-01-17T11:17:13	2	0	25	25	0	1.0542	1.0542	0.0000	1	1	0.0000
2024-01-17T11:17:53	2	0	68	66	2	1.0501	1.0500	-0.0002	0.9998	0.9998	0.0000
2024-01-17T11:18:27	9	0	70	69	1	0.9397	0.9421	0.0025	0.9857	0.9866	-0.0009
2024-01-17T11:18:45	2	0	16	16	0	1.0541	1.0540	-0.0001	0.9849	0.9846	0.0003
2024-01-17T11:19:59	1	0	2	1	1	1.0529	1.0388	-0.0141	0.9834	0.9834	0.0000
2024-01-17T11:20:04	2	0	2	2	0	0.9999	1.0000	0.0001	0.9765	0.9765	0.0000
2024-01-17T11:20:32	2	0	90	89	1	0.9974	0.9968	-0.0006	0.9468	0.9468	0.0000
2024-01-17T11:21:11	1	0	9	9	0	1.0489	1.0484	-0.0005	-0.9857	-0.9862	0.0005
2024-01-17T11:21:33	1	0	3	3	0	0.9991	0.9990	-0.0001	-0.9977	-0.9977	0.0000
2024-01-17T11:23:06	8	0	13	12	1	1.0510	1.0509	-0.0001	0.9986	0.9986	0.0000
2024-01-17T11:23:32	2	0	121	120	1	1.0230	1.0214	-0.0017	0.9735	0.9734	0.0001
2024-01-17T11:23:39	3	0	2	2	0	1.0649	1.0639	-0.0010	-0.9617	-0.9648	0.0031
2024-01-17T11:23:50	2	0	929	930	-1	0.7421	0.7420	-0.0001	0.9521	0.948	0.0041
2024-01-17T11:24:28	5	0	15	13	2	0.9491	0.9422	-0.0069	0.9856	0.9855	0.0001
2024-01-17T11:25:49	1	0	67	66	1	1.0543	1.0543	0.0000	-0.9853	-0.9852	-0.0001
2024-01-17T11:28:13	1	0	4	4	0	1.0354	1.0354	0.0000	0.9995	0.9995	0.0000
2024-01-17T11:28:32	5	0	102	101	1	0.9278	0.9292	0.0014	-0.9912	-0.9908	-0.0004
2024-01-17T11:28:41	1	0	67	65	2	1.0559	1.0557	-0.0002	-0.9988	-0.9988	0.0000
2024-01-17T11:29:25	4	0	2	2	0	1.0384	1.0384	0.0000	0.9906	0.9906	0.0000
2024-01-17T11:32:15	2	0	2	2	0	1.0102	1.0100	-0.0002	0.9953	0.9952	0.0001
2024-01-17T11:32:54	1	0	76	74	2	1.0501	1.0499	-0.0002	1	1	0.0000
2024-01-17T11:32:54	10	0	3	4	-1	0.9137	0.9388	0.0250	0.9846	0.9846	0.0000
2024-01-17T11:33:29	7	0	2	2	0	1.0200	1.0200	0.0000	0.9965	0.9962	0.0003
2024-01-17T11:35:00	3	0	6	3	3	0.9420	0.9427	0.0007	0.9842	0.9842	0.0000
2024-01-17T11:35:33	2	0	52	51	1	1.0452	1.0449	-0.0003	0.9575	0.9575	0.0000
2024-01-17T11:37:45	4	0	2	2	0	1.0354	1.0354	0.0000	0.9764	0.9763	0.0001
2024-01-17T11:38:25	1	0	2	2	0	0.9580	0.9580	0.0000	0.9996	0.9997	-0.0001
2024-01-17T11:38:26	1	0	5	5	0	1.0469	1.0469	0.0000	0.9966	0.9966	0.0000
2024-01-17T11:38:44	3	0	2	2	0	1.0639	1.0639	-0.0001	-0.9728	-0.9729	0.0001
2024-01-17T11:43:14	1	0	4	4	0	1.0367	1.0367	0.0000	0.9985	0.9985	0.0000
2024-01-17T11:43:49	1	0	63	62	1	1.0562	1.0560	-0.0002	-0.9989	-0.9989	0.0000
2024-01-17T11:44:26	4	0	2	2	0	1.0377	1.0377	0.0000	0.9903	0.9903	0.0000
2024-01-17T11:45:16	1	0	79	79	0	1.1538	1.1502	-0.0036	-0.9984	-0.9985	0.0001
2024-01-17T11:49:46	2	0	7	8	-1	1.0336	1.0351	0.0015	0.995	0.9951	-0.0001
2024-01-17T11:50:01	2	0	2	1	1	1.0501	1.0373	-0.0128	0.9845	0.9845	0.0000
2024-01-17T11:51:23	3	0	1	2	-1	1.0584	1.0015	-0.0569	0.9886	0.9885	0.0001
2024-01-17T11:51:57	13	0	8	9	-1	1.0145	1.0182	0.0037	0.9943	0.9943	0.0000
2024-01-17T11:52:41	2	0	2	2	0	1.0229	1.0228	-0.0001	0.9862	0.9862	0.0000
2024-01-17T11:53:27	1	0	4	4	0	1.0479	1.0479	0.0000	0.9968	0.9968	0.0000
2024-01-17T11:55:35	10	0	11	10	1	0.9569	0.9680	0.0110	0.9679	0.9678	0.0001
2024-01-17T11:55:35	10	0	6	6	0	0.9504	0.9504	0.0000	0.979	0.9791	-0.0001
2024-01-17T11:58:16	1	0	2	2	0	1.0325	1.0325	0.0000	0.9977	0.9977	0.0000
2024-01-17T11:58:55	2	0	9	9	0	1.0359	1.0359	-0.0001	0.9975	0.9975	0.0000
2024-01-17T11:59:27	4	0	2	2	0	1.0379	1.0379	0.0000	0.9906	0.9905	0.0001
2024-01-17T11:59:33	1	0	7	8	-1	1.0513	1.0520	0.0007	0.9819	0.9817	0.0002
2024-01-17T12:00:23	1	0	40	39	1	1.0523	1.0521	-0.0002	1	1	0.0000
2024-01-17T12:00:41	10	0	3	3	0	0.9250	0.9252	0.0002	0.9866	0.9869	-0.0003
2024-01-17T12:02:19	2	0	2	2	0	1.0558	1.0558	0.0000	0.9948	0.9948	0.0000
2024-01-17T12:05:02	3	0	2	3	-1	0.9923	0.9765	-0.0158	0.9849	0.9849	0.0000
2024-01-17T12:07:47	4	0	2	2	0	1.0396	1.0396	0.0000	0.984	0.9836	0.0004
2024-01-17T12:08:27	1	0	2	2	0	0.9586	0.9586	0.0000	0.9997	0.9998	-0.0001
2024-01-17T12:08:28	1	0	4	4	0	1.0473	1.0473	0.0000	0.9965	0.9965	0.0000
2024-01-17T12:21:59	13	0	6	7	-1	1.0082	1.0111	0.0029	0.9954	0.9954	0.0000
2024-01-17T12:22:01	1	0	6	5	1	1.0536	1.0515	-0.0021	0.9961	0.9961	0.0000
2024-01-17T12:36:26	3	0	4	5	-1	1.0526	1.0312	-0.0214	0.993	0.993	0.0000
2024-01-17T12:48:19	4	0	178	177	1	1.0543	1.0543	0.0000	-1	-1	0.0000
2024-01-17T12:59:37	1	0	14	13	1	1.0556	1.0552	-0.0004	0.9911	0.9909	0.0002
2024-01-17T13:02:34	1	0	6	6	0	1.0508	1.0502	-0.0006	0.9862	0.9862	0.0000
2024-01-17T13:03:23	1	0	219	220	-1	1.0554	1.0554	0.0000	-1	-1	0.0000
2024-01-17T13:08:31	1	0	3	3	0	0.9835	0.9833	-0.0002	0.9998	0.9999	-0.0001
2024-01-17T13:10:56	3	0	146	143	3	1.0587	1.0586	0.0000	-0.9888	-0.9887	-0.0001
2024-01-17T13:13:42	2	0	88	86	2	0.9386	0.9377	-0.0009	-0.9867	-0.9875	0.0008
2024-01-17T13:14:00	1	0	6	6	0	1.0486	1.0486	0.0000	0.9998	0.9998	0.0000

2024-01-17T13:15:23	1	0	80	80	0	1.1559	1.1554	-0.0005	-0.9962	-0.9962	0.0000
2024-01-17T13:20:51	1	0	5	4	1	1.0516	1.0499	-0.0017	0.9791	0.9791	0.0000
2024-01-17T13:23:32	1	0	2	2	0	0.9631	0.9631	0.0000	0.9999	0.9999	0.0000
2024-01-17T13:44:36	3	0	38	37	1	1.0552	1.0550	-0.0002	-1	-1	0.0000
2024-01-17T13:53:13	2	0	7	10	-3	0.9504	0.9480	-0.0024	0.9696	0.9692	0.0004
2024-01-17T13:55:42	1	0	132	132	0	0.9550	0.9550	0.0000	-0.9978	-0.9978	0.0000
2024-01-17T14:03:40	1	0	130	128	2	1.0531	1.0530	-0.0001	0.9987	0.9987	0.0000
2024-01-17T14:04:43	3	0	3	4	-1	1.0376	1.0373	-0.0002	0.9954	0.9955	-0.0001
2024-01-17T14:07:06	2	0	9	9	0	1.0146	1.0146	-0.0001	0.9947	0.9951	-0.0004
2024-01-17T14:07:57	3	0	4	6	-2	0.9423	0.9427	0.0004	-0.9996	-0.9996	0.0000
2024-01-17T14:08:19	26	0	21	22	-1	1.0523	1.0515	-0.0008	0.9992	0.9991	0.0001
2024-01-17T14:09:20	3	0	9	10	-1	1.0517	1.0482	-0.0035	0.9962	0.9962	0.0000
2024-01-17T14:09:26	3	0	2	2	0	1.0277	1.0274	-0.0003	0.9347	0.9337	0.0010
2024-01-17T14:11:00	1	0	139	138	1	1.0583	1.0583	0.0000	-0.986	-0.9859	-0.0001
2024-01-17T14:11:52	1	0	1	1	0	1.0566	1.0566	0.0000	0.9937	0.9937	0.0000
2024-01-17T14:12:08	1	0	1	0	1	1.0550	null	null	0.9956	0.9956	0.0000
2024-01-17T14:12:34	2	0	2	2	0	1.0272	1.0272	0.0000	0.9906	0.9905	0.0001
2024-01-17T14:13:25	1	0	4	4	0	0.9874	0.9875	0.0002	0.9983	0.9983	0.0000
2024-01-17T14:13:39	1	0	36	36	0	1.0532	1.0532	-0.0001	-0.9955	-0.9955	0.0000
2024-01-17T14:14:38	3	0	31	30	1	1.0538	1.0537	-0.0001	0.9999	0.9999	0.0000
2024-01-17T14:16:07	9	0	613	606	7	1.0700	1.0699	-0.0001	0.9814	0.981	0.0004
2024-01-17T14:17:30	1	0	3	3	0	1.0237	1.0235	-0.0001	0.992	0.992	0.0000
2024-01-17T14:18:44	3	0	5	6	-1	1.0502	1.0391	-0.0110	0.9942	0.9942	0.0000
2024-01-17T14:18:45	1	0	115	114	1	1.0532	1.0531	-0.0001	0.9987	0.9987	0.0000
2024-01-17T14:19:44	1	0	1	1	0	1.0370	1.0368	-0.0002	0.9957	0.9957	0.0000
2024-01-17T14:19:56	2	0	18	18	0	1.0437	1.0437	0.0000	0.997	0.997	0.0000
2024-01-17T14:20:24	1	0	3	3	0	0.9703	0.9704	0.0001	0.9844	0.9844	0.0000
2024-01-17T14:21:26	2	0	2	0	2	1.0453	null	null	-0.9944	-0.9945	0.0001
2024-01-17T14:21:33	2	0	6	6	0	1.0486	1.0482	-0.0004	0.9939	0.9938	0.0001
2024-01-17T14:22:56	8	0	57	48	9	0.9397	0.9409	0.0011	0.9257	0.9254	0.0003
2024-01-17T14:22:58	3	0	14	13	1	0.9418	0.9419	0.0001	-0.9991	-0.9991	0.0000
2024-01-17T14:23:08	3	0	3	3	0	1.0246	1.0243	-0.0003	0.9979	0.9978	0.0001
2024-01-17T14:23:20	2	0	74	72	2	0.9403	0.9405	0.0003	0.9694	0.9696	-0.0002
2024-01-17T14:23:20	5	0	10	10	0	1.0507	1.0503	-0.0004	0.9986	0.9986	0.0000
2024-01-17T14:23:23	3	0	52	50	2	1.0490	1.0489	-0.0001	-0.9995	-0.9996	0.0001
2024-01-17T14:23:44	9	0	95	95	0	1.0479	1.0479	0.0000	0.9759	0.976	-0.0001
2024-01-17T14:24:03	2	0	2	2	0	1.0380	1.0380	0.0000	0.9918	0.9918	0.0000
2024-01-17T14:24:21	2	0	9	9	0	1.0517	1.0516	0.0000	0.996	0.996	0.0000
2024-01-17T14:25:04	2	0	5	4	1	1.0484	1.0464	-0.0020	-0.9925	-0.9925	0.0000
2024-01-17T14:25:44	1	0	133	131	2	0.9510	0.9510	0.0000	-0.998	-0.998	0.0000
2024-01-17T14:28:54	1	0	1	1	0	1.0235	1.0234	-0.0001	0.9837	0.9834	0.0003
2024-01-17T14:29:05	2	0	5	5	0	1.0478	1.0478	0.0000	0.9999	0.9998	0.0001
2024-01-17T14:29:35	1	0	4	5	-1	1.0471	1.0467	-0.0003	0.9838	0.9838	0.0000
2024-01-17T14:29:39	3	0	48	48	0	1.0559	1.0558	-0.0001	0.9999	0.9999	0.0000
2024-01-17T14:30:38	5	0	256	254	2	1.0628	1.0631	0.0003	-0.9992	-0.9992	0.0000
2024-01-17T14:31:08	9	0	790	790	0	1.0732	1.0733	0.0001	0.9882	0.988	0.0002
2024-01-17T14:32:11	2	0	9	9	0	1.0465	1.0464	-0.0001	1	1	0.0000
2024-01-17T14:32:31	1	0	2	2	0	1.0226	1.0225	-0.0001	0.9899	0.9899	0.0000
2024-01-17T14:33:08	1	0	7	7	0	1.0331	1.0331	-0.0001	0.9999	0.9999	0.0000
2024-01-17T14:33:28	1	0	19	19	0	1.0496	1.0495	-0.0001	0.9947	0.9946	0.0001
2024-01-17T14:33:55	1	0	135	134	1	1.0536	1.0535	-0.0001	0.9987	0.9987	0.0000
2024-01-17T14:33:56	2	0	7	7	0	1.0291	1.0290	-0.0001	-0.9988	-0.9988	0.0000
2024-01-17T14:34:57	4	0	24	24	0	1.0426	1.0425	-0.0001	0.9971	0.9971	0.0000
2024-01-17T14:36:27	2	0	2	2	0	1.0473	1.0459	-0.0014	-0.9934	-0.9937	0.0003
2024-01-17T14:36:39	1	0	3	3	0	1.0425	1.0422	-0.0002	0.9904	0.9903	0.0001
2024-01-17T14:36:46	1	0	5	5	0	1.0556	1.0556	0.0000	0.9928	0.9927	0.0001
2024-01-17T14:37:08	9	0	14	14	0	1.0429	1.0422	-0.0007	0.9961	0.996	0.0001
2024-01-17T14:37:59	3	0	4	4	0	0.9429	0.9431	0.0002	-0.9992	-0.9991	-0.0001
2024-01-17T14:38:06	7	0	8	8	0	0.9811	0.9815	0.0003	0.9441	0.9438	0.0003
2024-01-17T14:38:21	18	0	30	26	4	1.0526	1.0520	-0.0006	0.999	0.9989	0.0001
2024-01-17T14:38:24	2	0	61	60	1	1.0518	1.0518	0.0000	-0.9993	-0.9993	0.0000
2024-01-17T14:38:28	2	0	3	3	0	0.9567	0.9569	0.0001	0.97	0.9701	-0.0001
2024-01-17T14:38:40	7	0	2	0	2	1.0508	null	null	0.9983	0.9978	0.0005
2024-01-17T14:38:40	1	0	13	12	1	1.0453	1.0442	-0.0011	0.9906	0.9906	0.0000
2024-01-17T14:38:45	9	0	121	121	0	1.0521	1.0521	0.0000	0.9749	0.9749	0.0000
2024-01-17T14:39:22	3	0	10	10	0	1.0528	1.0527	-0.0001	0.9962	0.9961	0.0001
2024-01-17T14:39:41	2	0	2	0	2	1.0351	null	null	0.9888	0.9886	0.0002
2024-01-17T14:40:05	2	0	3	3	0	1.0463	1.0462	0.0000	-0.9935	-0.9935	0.0000
2024-01-17T14:40:45	1	0	137	137	0	0.9330	0.9330	0.0000	-0.999	-0.999	0.0000
2024-01-17T14:43:41	1	0	33	33	0	1.0522	1.0522	0.0000	-0.9959	-0.9959	0.0000
2024-01-17T14:43:54	5	0	33	33	0	0.9407	0.9436	0.0029	-0.9871	-0.986	-0.0011
2024-01-17T14:45:29	1	0	79	79	0	1.1513	1.1511	-0.0001	-1	0.9994	0.0006
2024-01-17T14:45:39	5	0	207	205	2	1.0602	1.0602	0.0000	-0.999	-0.9997	0.0007
2024-01-17T14:49:46	1	0	1	1	0	1.0380	1.0378	-0.0002	0.9958	0.9958	0.0000
2024-01-17T14:50:47	1	0	24	23	1	1.0516	1.0513	-0.0003	0.9646	0.9646	0.0000
2024-01-17T14:51:06	1	0	5	5	0	1.0371	1.0370	-0.0001	-0.9985	-0.9985	0.0000
2024-01-17T14:51:28	1	0	2	1	1	1.0465	1.0454	-0.0010	-0.9945	-0.9948	0.0003
2024-01-17T14:51:47	2	0	5	5	0	1.0492	1.0490	-0.0003	0.9924	0.9923	0.0001
2024-01-17T14:52:53	1	0	4	4	0	1.0376	1.0376	-0.0001	0.9899	0.9909	-0.0010
2024-01-17T14:53:25	2	0	83	80	3	1.0522	1.0522	0.0000	-0.9987	-0.9987	0.0000
2024-01-17T14:54:05	2	0	2	2	0	1.0306	1.0306	0.0000	0.9925	0.9927	-0.0002
2024-01-17T14:54:42	8	0	6	4	2	0.9606	0.9755	0.0149	0.9878	0.988	-0.0002
2024-01-17T14:59:41	3	0	39	39	0	1.0547	1.0547	0.0000	1	1	0.0000
2024-01-17T15:00:53	6	0	4	4	0	0.9448	0.9436	-0.0013	0.9836	0.9832	0.0004
2024-01-17T15:01:32	2	0	19	17	2	1.0524	1.0526	0.0002	-0.9992	-0.9993	0.0001

2024-01-17T15:02:50	1	0	5	5	0	1.0123	1.0123	0.0000	0.9874	0.9874	0.0000
2024-01-17T15:06:29	1	0	3	2	1	1.0473	1.0472	-0.0002	-0.9942	-0.9945	0.0003
2024-01-17T15:06:48	3	0	4	4	0	1.0246	1.0247	0.0002	0.9927	0.9927	0.0000
2024-01-17T15:08:19	1	0	30	30	0	0.9500	0.9500	0.0000	0.9377	0.9375	0.0002
2024-01-17T15:08:39	1	0	4	4	0	0.9962	0.9960	-0.0003	0.9999	0.9999	0.0000
2024-01-17T15:10:47	1	0	148	148	0	0.9261	0.9261	0.0000	-0.9997	-0.9997	0.0000
2024-01-17T15:15:41	1	0	232	233	-1	1.0620	1.0620	0.0000	-0.9994	-0.9992	-0.0002
2024-01-17T15:18:48	6	0	72	71	1	0.9495	0.9502	0.0008	0.9888	0.9889	-0.0001
2024-01-17T15:19:27	3	0	3	3	0	1.0180	1.0179	-0.0002	0.9885	0.9885	0.0000
2024-01-17T15:20:28	1	0	32	33	-1	0.9466	0.9499	0.0033	0.9869	0.9869	0.0000
2024-01-17T15:21:30	1	0	3	2	1	1.0461	1.0464	0.0002	-0.9935	-0.9937	0.0002
2024-01-17T15:24:51	1	0	1	1	0	1.0087	1.0085	-0.0002	0.9889	0.9889	0.0000
2024-01-17T15:28:30	1	0	7	7	0	0.9679	0.9680	0.0001	0.9984	0.9984	0.0000
2024-01-17T15:32:33	1	0	15	15	0	1.0525	1.0525	0.0000	0.9985	0.9986	-0.0001
2024-01-17T15:32:44	1	0	5	5	0	1.0507	1.0506	-0.0001	0.9881	0.9881	0.0000
2024-01-17T15:33:55	5	0	4	4	0	1.0276	1.0274	-0.0002	0.9984	0.9978	0.0006
2024-01-17T15:35:29	2	0	18	19	-1	0.9459	0.9516	0.0057	0.987	0.9869	0.0001
2024-01-17T15:36:31	1	0	2	2	0	1.0479	1.0468	-0.0010	-0.9933	-0.9936	0.0003
2024-01-17T15:42:14	1	0	4	4	0	1.0335	1.0335	0.0000	0.9957	0.9958	-0.0001
2024-01-17T15:44:25	1	0	99	98	1	0.9306	0.9309	0.0002	-0.9899	-0.9895	-0.0004
2024-01-17T15:47:34	1	0	1	1	0	0.9791	0.9794	0.0003	0.9883	0.9883	0.0000
2024-01-17T15:48:59	6	0	70	58	12	0.9502	0.9502	0.0000	0.9876	0.9886	-0.0010
2024-01-17T15:51:32	1	0	1	0	1	1.0454	null	null	-0.9941	-0.9942	0.0001
2024-01-17T16:01:40	1	0	133	133	0	0.9430	0.9430	0.0000	0.9934	0.9934	0.0000
2024-01-17T16:02:35	1	0	12	12	0	1.0518	1.0518	0.0000	0.9984	0.9985	-0.0001
2024-01-17T16:04:00	1	0	52	52	0	0.9540	0.9540	0.0000	0.9887	0.9887	0.0000
2024-01-17T16:09:54	1	0	9	9	0	0.9616	0.9616	0.0000	0.9884	0.9883	0.0001
2024-01-17T16:13:12	2	0	2	2	0	1.0296	1.0290	-0.0007	0.9984	0.9984	0.0000
2024-01-17T16:15:58	3	0	4	4	0	0.9391	0.9537	0.0146	0.9787	0.9788	-0.0001
2024-01-17T16:16:44	1	0	7	8	-1	0.9555	0.9540	-0.0015	0.9995	0.9995	0.0000
2024-01-17T16:17:03	1	0	11	11	0	0.9516	0.9519	0.0003	0.9999	0.9999	0.0000
2024-01-17T16:17:36	1	0	23	23	0	1.0538	1.0538	0.0000	0.9982	0.9982	0.0000
2024-01-17T16:22:19	1	0	5	5	0	1.0471	1.0470	-0.0001	0.9976	0.9976	0.0000
2024-01-17T16:28:34	1	0	28	28	0	0.9537	0.9537	0.0000	0.9991	0.9991	0.0000
2024-01-17T16:28:46	1	0	2	2	0	1.0323	1.0320	-0.0004	0.9751	0.9751	0.0000
2024-01-17T16:30:46	2	0	506	505	1	1.0670	1.0669	0.0000	-0.9852	-0.9852	0.0000
2024-01-17T16:31:18	1	0	654	653	1	1.0675	1.0675	0.0000	0.9703	0.9724	-0.0021
2024-01-17T16:32:37	1	0	25	24	1	1.0548	1.0547	-0.0001	0.9985	0.9984	0.0001
2024-01-17T16:46:19	1	0	581	578	3	1.0664	1.0664	0.0000	0.9687	0.9708	-0.0021
2024-01-17T16:49:07	1	0	6	6	0	1.0235	1.0235	0.0000	1	1	0.0000
2024-01-17T16:49:23	1	0	5	5	0	0.9815	0.9816	0.0001	-0.9975	-0.9975	0.0000
2024-01-17T16:51:46	2	0	12	11	1	0.9784	0.9818	0.0034	0.9933	0.9933	0.0000
2024-01-17T16:57:51	1	0	55	55	0	1.0571	1.0571	0.0000	0.977	0.977	0.0000
2024-01-17T17:09:12	1	0	95	95	0	0.9408	0.9408	0.0000	0.9688	0.9689	-0.0001
2024-01-17T17:13:09	1	0	252	253	-1	0.9311	0.9311	0.0000	0.9958	0.9958	0.0000
2024-01-17T17:14:44	1	0	3	3	0	0.9656	0.9655	-0.0002	0.9878	0.9877	0.0001
2024-01-17T17:17:31	1	0	2	2	0	1.0394	1.0394	-0.0001	0.9998	0.9998	0.0000
2024-01-17T17:22:17	2	0	245	244	1	0.9360	0.9361	0.0001	0.9919	0.9919	0.0000
2024-01-17T17:23:56	1	0	176	172	4	1.0023	1.0022	-0.0001	0.973	0.9742	-0.0012
2024-01-17T17:24:17	1	0	167	167	0	0.9331	0.9331	0.0001	0.9676	0.9678	-0.0002
2024-01-17T17:25:04	1	0	143	143	0	0.9415	0.9415	0.0000	0.9861	0.9859	0.0002
2024-01-17T17:37:19	1	0	357	357	0	0.9183	0.9183	0.0000	0.9916	0.9915	0.0001
2024-01-17T17:37:52	1	0	4	4	0	1.0470	1.0470	0.0000	0.993	0.993	0.0000
2024-01-17T17:38:57	1	0	163	164	-1	0.9919	0.9857	-0.0063	0.9722	0.9719	0.0003
2024-01-17T17:40:05	1	0	160	160	0	0.9355	0.9356	0.0000	0.984	0.9839	0.0001
2024-01-17T17:42:54	1	0	199	199	0	1.0701	1.0700	-0.0001	0.9773	0.9773	0.0000
2024-01-17T17:53:58	1	0	175	175	0	1.0034	1.0034	0.0000	0.9732	0.9736	-0.0004
2024-01-17T17:55:01	9	0	396	389	7	0.9305	0.9306	0.0001	0.9856	0.9856	0.0000
2024-01-17T17:59:43	1	0	118	118	0	0.9227	0.9227	0.0000	-0.9945	-0.994	-0.0005
2024-01-17T18:03:50	2	0	161	161	0	0.9380	0.9381	0.0000	0.9938	0.9937	0.0001
2024-01-17T18:07:21	1	0	299	299	0	0.9323	0.9323	0.0000	0.994	0.994	0.0000
2024-01-17T18:09:24	1	0	157	157	0	0.9351	0.9351	0.0000	0.9684	0.9686	-0.0002
2024-01-17T18:10:07	1	0	217	217	0	0.9351	0.9351	0.0000	0.983	0.9828	0.0002
2024-01-17T18:10:15	6	0	318	316	2	0.9283	0.9283	0.0000	0.9852	0.9852	0.0000
2024-01-17T18:13:41	1	0	174	173	1	0.9400	0.9400	0.0000	0.9903	0.9901	0.0002
2024-01-17T18:17:44	1	0	32	32	0	1.0266	1.0266	0.0000	0.9979	0.9983	-0.0004
2024-01-17T18:17:55	1	0	3	3	0	1.0544	1.0544	0.0000	0.9864	0.9863	0.0001
2024-01-17T18:22:22	2	0	263	263	0	0.9336	0.9336	0.0000	0.9942	0.9942	0.0000
2024-01-17T18:25:08	1	0	168	168	0	0.9360	0.9360	0.0000	0.9828	0.9827	0.0001
2024-01-18T07:50:15	1	0	110	109	1	0.9386	0.9386	0.0000	0.997	0.997	0.0000
2024-01-18T07:51:43	1	0	223	223	0	0.9372	0.9372	0.0000	0.9965	0.9964	0.0001
2024-01-18T07:51:47	1	0	160	160	0	0.9074	0.9075	0.0001	0.9694	0.9693	0.0001
2024-01-18T07:52:20	2	0	284	280	4	0.9121	0.9122	0.0000	0.9401	0.9401	0.0000
2024-01-18T07:52:33	1	0	21	21	0	0.9426	0.9427	0.0001	0.9774	0.9775	-0.0001
2024-01-18T07:53:33	1	0	134	134	0	0.9099	0.9099	0.0001	0.9961	0.9959	0.0002
2024-01-18T07:58:06	2	0	464	463	1	1.0687	1.0687	0.0000	0.9814	0.9813	0.0001
2024-01-18T07:59:29	2	0	15	14	1	0.9589	0.9600	0.0011	0.9966	0.9967	-0.0001
2024-01-18T08:00:35	1	0	194	194	0	0.9301	0.9302	0.0000	0.9902	0.9899	0.0003
2024-01-18T08:01:57	4	0	378	377	1	0.9216	0.9216	0.0000	0.9954	0.9954	0.0000
2024-01-18T08:04:57	1	0	78	78	0	0.9330	0.9331	0.0000	-0.9999	-0.9999	0.0000
2024-01-18T08:05:05	1	0	162	162	0	0.9345	0.9345	0.0001	0.9691	0.9693	-0.0002
2024-01-18T08:06:44	8	0	197	194	3	0.9761	0.9762	0.0001	0.9962	0.9962	0.0000
2024-01-18T08:07:38	1	0	32	32	0	0.9434	0.9434	0.0001	0.9912	0.9911	0.0001
2024-01-18T08:08:34	6	0	149	149	0	0.9056	0.9058	0.0002	0.9811	0.981	0.0001
2024-01-18T08:09:13	1	0	128	128	0	0.9914	0.9915	0.0000	0.9773	0.9773	0.0000

2024-01-18T08:09:34	2	0	145	145	0	0.8929	0.8932	0.0002	0.9992	0.9992	0.0000
2024-01-18T08:14:30	2	0	21	20	1	0.9499	0.9503	0.0003	0.9967	0.9968	-0.0001
2024-01-18T08:15:36	5	0	329	326	3	0.9311	0.9311	0.0000	0.9906	0.9906	0.0000
2024-01-18T08:16:43	1	0	120	117	3	0.9279	0.9278	-0.0001	0.9703	0.971	-0.0007
2024-01-18T08:16:59	3	0	376	375	1	0.9240	0.9240	0.0000	0.9954	0.9954	0.0000
2024-01-18T08:20:08	1	0	85	85	0	0.9401	0.9402	0.0000	0.97	0.9702	-0.0002
2024-01-18T08:21:49	1	0	117	116	1	0.9208	0.9208	0.0001	0.9709	0.9709	0.0000
2024-01-18T08:25:33	1	0	107	108	-1	0.9264	0.9265	0.0001	-0.9939	-0.9935	-0.0004
2024-01-18T08:26:30	1	0	7	7	0	0.9519	0.9518	-0.0001	0.9868	0.9868	0.0000
2024-01-18T08:28:50	2	0	84	82	2	0.9423	0.9424	0.0000	0.9976	0.9976	0.0000
2024-01-18T08:29:18	1	0	10	10	0	1.0504	1.0503	0.0000	0.9977	0.9978	-0.0001
2024-01-18T08:30:42	1	0	160	159	1	0.9222	0.9222	0.0000	-0.9985	-0.9985	0.0000
2024-01-18T08:35:01	3	0	25	24	1	0.9401	0.9403	0.0002	0.9854	0.9848	0.0006
2024-01-18T08:36:42	1	0	512	510	2	0.9270	0.9272	0.0002	0.983	0.9829	0.0001
2024-01-18T08:38:36	1	0	151	151	0	0.9055	0.9055	0.0000	0.9813	0.9812	0.0001
2024-01-18T08:43:09	1	0	425	425	0	1.0668	1.0668	0.0000	0.9828	0.9828	0.0000
2024-01-18T08:44:19	1	0	24	24	0	0.9774	0.9774	0.0000	0.9977	0.9978	-0.0001
2024-01-18T08:47:03	1	0	328	328	0	0.9281	0.9281	0.0000	0.9964	0.9964	0.0000
2024-01-18T08:50:02	1	0	24	24	0	0.9400	0.9400	0.0000	0.9868	0.9861	0.0007
2024-01-18T08:51:43	1	0	517	517	0	0.9209	0.9210	0.0002	0.9831	0.9831	0.0000
2024-01-18T08:51:43	1	0	1	1	0	0.9440	0.9444	0.0004	-0.9975	-0.9974	-0.0001
2024-01-18T08:55:39	1	0	146	145	1	0.9328	0.9330	0.0002	0.9899	0.9899	0.0000
2024-01-18T08:57:34	1	0	79	79	0	1.1475	1.1471	-0.0005	-0.9908	-0.9925	0.0017
2024-01-18T08:58:37	2	0	12	12	0	0.9459	0.9462	0.0004	0.9975	0.9974	0.0001
2024-01-18T08:59:20	1	0	34	34	0	0.9779	0.9779	0.0000	0.9977	0.9978	-0.0001
2024-01-18T09:00:39	4	0	303	301	2	0.9278	0.9278	0.0000	0.9884	0.9884	0.0000
2024-01-18T09:04:10	7	0	4	4	0	1.0318	1.0317	-0.0001	1	1	0.0000
2024-01-18T09:04:56	1	0	10	10	0	0.9867	0.9868	0.0001	0.9982	0.9983	-0.0001
2024-01-18T09:05:02	1	0	71	71	0	0.9340	0.9341	0.0002	1	-0.9999	-0.0001
2024-01-18T09:05:03	2	0	27	27	0	0.9387	0.9394	0.0007	0.9858	0.9852	0.0006
2024-01-18T09:05:15	2	0	57	55	2	0.9422	0.9425	0.0003	0.9684	0.9686	-0.0002
2024-01-18T09:05:20	9	0	18	12	6	0.9563	0.9580	0.0017	0.998	0.998	0.0000
2024-01-18T09:06:44	2	0	425	417	8	0.9418	0.9415	-0.0003	0.9839	0.9839	0.0000
2024-01-18T09:06:52	3	0	80	80	0	0.9383	0.9386	0.0003	0.9816	0.9814	0.0002
2024-01-18T09:06:52	2	0	106	106	0	0.9175	0.9179	0.0004	0.9716	0.971	0.0006
2024-01-18T09:08:38	8	0	148	147	1	0.9049	0.9057	0.0008	0.9823	0.9817	0.0006
2024-01-18T09:09:38	2	0	143	142	1	0.9040	0.9048	0.0007	0.9992	0.9997	-0.0005
2024-01-18T09:09:38	2	0	66	65	1	0.9455	0.9456	0.0001	0.9989	0.9989	0.0000
2024-01-18T09:12:39	1	0	50	49	1	1.0531	1.0530	-0.0001	-0.9955	-0.995	-0.0005
2024-01-18T09:13:29	1	0	2	2	0	1.0249	1.0247	-0.0002	0.9982	0.9982	0.0000
2024-01-18T09:15:10	2	0	4	4	0	0.9937	0.9933	-0.0004	0.9886	0.9885	0.0001
2024-01-18T09:16:47	2	0	115	112	3	0.9347	0.9354	0.0007	0.9718	0.9725	-0.0007
2024-01-18T09:17:05	4	0	204	199	5	0.9268	0.9269	0.0000	0.9945	0.9944	0.0001
2024-01-18T09:20:11	2	0	8	6	2	0.9437	0.9441	0.0004	0.9937	0.9937	0.0000
2024-01-18T09:20:17	1	0	18	18	0	0.9508	0.9510	0.0002	0.9719	0.9659	0.0060
2024-01-18T09:21:23	1	0	7	7	0	0.9712	0.9712	0.0001	0.9982	0.9982	0.0000
2024-01-18T09:21:53	3	0	150	141	9	0.9827	0.9728	-0.0100	0.9827	0.9824	0.0003
2024-01-18T09:22:43	2	0	5	5	0	0.9806	0.9809	0.0002	0.9929	0.9928	0.0001
2024-01-18T09:24:19	2	0	17	15	2	1.0553	1.0550	-0.0003	-0.9994	-0.9995	0.0001
2024-01-18T09:27:40	4	0	57	56	1	1.0536	1.0537	0.0001	-0.9953	-0.9948	-0.0005
2024-01-18T09:28:12	6	0	580	570	10	1.0702	1.0702	-0.0001	0.9842	0.984	0.0002
2024-01-18T09:28:54	2	0	15	14	1	0.9520	0.9528	0.0008	0.9978	0.9978	0.0000
2024-01-18T09:28:58	2	0	3	3	0	0.9434	0.9442	0.0008	0.9996	0.9996	0.0000
2024-01-18T09:29:22	1	0	27	26	1	0.9867	0.9917	0.0049	0.998	0.998	0.0000
2024-01-18T09:29:35	2	0	17	14	3	0.9514	0.9534	0.0021	0.9939	0.994	-0.0001
2024-01-18T09:34:37	1	0	1	1	0	0.9581	0.9585	0.0004	0.9967	0.9967	0.0000
2024-01-18T09:35:14	1	0	3	3	0	0.9432	0.9436	0.0004	0.9914	0.9915	-0.0001
2024-01-18T09:36:54	2	0	127	127	0	0.9138	0.9138	0.0000	0.9717	0.9711	0.0006
2024-01-18T09:39:40	3	0	143	142	1	0.9069	0.9069	0.0000	0.9987	0.9992	-0.0005
2024-01-18T09:41:40	3	0	1	1	0	0.9696	0.9702	0.0006	0.9847	0.9848	-0.0001
2024-01-18T09:44:23	4	0	17	14	3	1.0543	1.0538	-0.0005	0.9977	0.9976	0.0001
2024-01-18T09:44:33	1	0	1	1	0	0.9766	0.9770	0.0004	0.9933	0.9933	0.0000
2024-01-18T09:45:08	2	0	105	103	2	1.0529	1.0528	-0.0001	0.9999	0.9999	0.0000
2024-01-18T09:45:59	6	0	17	17	0	1.0396	1.0396	-0.0001	-0.9999	-0.9999	0.0000
2024-01-18T09:46:19	2	0	5	5	0	0.9986	0.9988	0.0002	-0.9966	-0.9966	0.0000
2024-01-18T09:47:00	2	0	11	11	0	1.0304	1.0303	-0.0001	0.9958	0.9957	0.0001
2024-01-18T09:48:57	3	0	4	4	0	1.0416	1.0412	-0.0005	0.9974	0.9974	0.0000
2024-01-18T09:49:59	2	0	2	2	0	0.9882	0.9877	-0.0005	0.9818	0.983	-0.0012
2024-01-18T09:50:05	2	0	69	68	1	0.9348	0.9353	0.0005	-1	-1	0.0000
2024-01-18T09:50:19	3	0	20	19	1	0.9784	0.9805	0.0022	0.9713	0.9715	-0.0002
2024-01-18T09:50:23	1	0	9	9	0	1.0280	1.0281	0.0000	0.9986	0.9983	0.0003
2024-01-18T09:51:47	1	0	1	1	0	0.9402	0.9413	0.0011	-0.9994	-0.9994	0.0000
2024-01-18T09:51:55	3	0	63	63	0	0.9475	0.9475	0.0000	0.9844	0.9843	0.0001
2024-01-18T09:52:45	1	0	5	5	0	0.9730	0.9732	0.0002	0.9926	0.9925	0.0001
2024-01-18T09:54:01	1	0	3	3	0	1.0405	1.0404	-0.0002	0.9975	0.9975	0.0000
2024-01-18T09:54:20	3	0	71	71	0	1.0061	1.0062	0.0001	0.9747	0.9747	0.0000
2024-01-18T09:54:41	1	0	144	141	3	0.9141	0.9141	0.0000	0.9987	0.9991	-0.0004
2024-01-18T09:55:07	2	0	2	3	-1	0.9421	0.9720	0.0299	0.9905	0.9905	0.0000
2024-01-18T09:55:29	1	0	61	59	2	1.0562	1.0560	-0.0002	-0.9996	-0.9996	0.0000
2024-01-18T09:58:14	2	0	585	580	5	1.0704	1.0704	0.0000	0.9873	0.9872	0.0001
2024-01-18T09:58:22	2	0	37	36	1	0.9386	0.9386	0.0000	-0.9989	-0.9989	0.0000
2024-01-18T09:59:24	5	0	12	12	0	1.0528	1.0526	-0.0002	0.9979	0.9977	0.0002
2024-01-18T10:00:06	4	0	82	81	1	0.9254	0.9264	0.0010	0.9991	0.9991	0.0000
2024-01-18T10:00:13	1	0	158	158	0	1.0541	1.0540	-0.0001	1	1	0.0000
2024-01-18T10:00:14	1	0	1	1	0	1.0207	1.0204	-0.0003	-0.9984	-0.9984	0.0000

2024-01-18T10:00:40	2	0	1	1	0	0.9447	0.9450	0.0003	0.994	0.994	0.0000
2024-01-18T10:00:43	7	0	5	6	-1	1.0236	0.9957	-0.0278	0.9861	0.9856	0.0005
2024-01-18T10:01:05	3	0	154	152	2	0.9123	0.9127	0.0004	0.9824	0.9822	0.0002
2024-01-18T10:01:08	2	0	19	19	0	1.0381	1.0380	0.0000	-0.9999	-0.9999	0.0000
2024-01-18T10:02:20	1	0	32	32	0	0.9434	0.9437	0.0003	0.9873	0.9873	0.0000
2024-01-18T10:02:50	4	0	71	65	6	0.9538	0.9514	-0.0023	0.9501	0.9502	-0.0001
2024-01-18T10:03:30	2	0	7	7	0	1.0476	1.0471	-0.0005	-0.9874	-0.9878	0.0004
2024-01-18T10:05:07	3	0	1	1	0	0.9433	0.9444	0.0011	0.9876	0.9878	-0.0002
2024-01-18T10:05:14	1	0	24	24	0	0.9385	0.9386	0.0001	0.9893	0.9893	0.0000
2024-01-18T10:05:24	9	0	8	9	-1	1.0373	1.0302	-0.0071	0.9983	0.9982	0.0001
2024-01-18T10:06:48	31	0	375	245	130	0.9386	0.9264	-0.0122	0.9843	0.9851	-0.0008
2024-01-18T10:06:56	3	0	77	77	0	0.9893	0.9848	-0.0045	0.9931	0.9932	-0.0001
2024-01-18T10:08:06	5	0	9	9	0	1.0267	1.0265	-0.0002	0.9969	0.9968	0.0001
2024-01-18T10:09:18	1	0	1	1	0	0.9855	0.9858	0.0003	0.996	0.996	0.0000
2024-01-18T10:09:42	5	0	134	133	1	0.9208	0.9220	0.0011	0.9969	0.9977	-0.0008
2024-01-18T10:13:15	2	0	553	549	4	1.0686	1.0685	0.0000	0.9804	0.9802	0.0002
2024-01-18T10:13:42	1	0	107	107	0	0.9394	0.9394	0.0000	0.9902	0.9901	0.0001
2024-01-18T10:14:02	1	0	6	6	0	0.9588	0.9590	0.0002	0.9994	0.9995	-0.0001
2024-01-18T10:14:25	1	0	17	17	0	1.0544	1.0544	0.0000	0.9982	0.9982	0.0000
2024-01-18T10:15:44	7	0	6	6	0	0.9960	1.0128	0.0167	0.9857	0.9862	-0.0005
2024-01-18T10:16:09	2	0	18	18	0	1.0406	1.0406	0.0000	0.9999	0.9999	0.0000
2024-01-18T10:16:21	1	0	5	5	0	0.9970	0.9969	-0.0001	-0.9969	-0.9969	0.0000
2024-01-18T10:17:03	1	0	15	15	0	1.0360	1.0360	0.0000	0.9955	0.9955	0.0000
2024-01-18T10:17:12	7	0	6	6	0	1.0287	1.0273	-0.0014	0.9888	0.9886	0.0002
2024-01-18T10:18:57	2	0	18	18	0	0.9557	0.9557	0.0000	0.9997	0.9997	0.0000
2024-01-18T10:19:00	3	0	2	2	0	1.0458	1.0454	-0.0004	0.9976	0.9976	0.0000
2024-01-18T10:20:15	2	0	15	14	1	0.9381	0.9380	-0.0001	0.9882	0.9883	-0.0001
2024-01-18T10:22:17	5	0	367	363	4	0.9363	0.9364	0.0001	0.9845	0.9845	0.0000
2024-01-18T10:23:43	1	0	205	205	0	0.8960	0.8960	0.0000	0.9786	0.9786	0.0000
2024-01-18T10:24:22	2	0	43	42	1	0.9922	0.9907	-0.0015	0.9753	0.9753	0.0000
2024-01-18T10:24:43	4	0	127	127	0	0.9304	0.9305	0.0001	0.9979	0.9979	0.0000
2024-01-18T10:24:47	2	0	44	43	1	1.0466	1.0462	-0.0003	0.9772	0.9773	-0.0001
2024-01-18T10:26:16	2	0	3	3	0	0.9817	0.9815	-0.0002	0.9958	0.9958	0.0000
2024-01-18T10:27:40	1	0	155	155	0	0.8780	0.8796	0.0016	-0.9935	-0.9933	-0.0002
2024-01-18T10:28:01	6	0	18	17	1	0.9486	0.9488	0.0002	0.9767	0.9769	-0.0002
2024-01-18T10:28:24	1	0	48	46	2	0.9416	0.9415	-0.0001	-0.999	-0.9989	-0.0001
2024-01-18T10:28:43	1	0	2	2	0	0.9989	0.9982	-0.0007	0.9986	0.9986	0.0000
2024-01-18T10:29:03	1	0	16	16	0	0.9416	0.9419	0.0003	0.9991	0.9991	0.0000
2024-01-18T10:29:26	1	0	14	14	0	1.0540	1.0539	0.0000	0.9979	0.9979	0.0000
2024-01-18T10:30:45	2	0	12	12	0	0.9482	0.9484	0.0002	0.9914	0.9914	0.0000
2024-01-18T10:31:10	1	0	17	17	0	1.0404	1.0403	-0.0001	-1	-1	0.0000
2024-01-18T10:32:22	1	0	28	27	1	0.9534	0.9490	-0.0043	0.9873	0.9872	0.0001
2024-01-18T10:33:32	1	0	2	2	0	1.0483	1.0473	-0.0011	-0.9954	-0.9956	0.0002
2024-01-18T10:33:42	3	0	21	17	4	0.9407	0.9407	0.0001	0.9895	0.9896	-0.0001
2024-01-18T10:33:43	2	0	7	7	0	1.0180	1.0182	0.0002	0.9995	0.9995	0.0000
2024-01-18T10:34:00	1	0	5	5	0	1.0469	1.0467	-0.0001	0.9976	0.9976	0.0000
2024-01-18T10:34:20	2	0	16	16	0	1.0537	1.0537	0.0000	0.9975	0.9975	0.0000
2024-01-18T10:34:46	4	0	4	4	0	1.0500	1.0492	-0.0008	0.9961	0.996	0.0001
2024-01-18T10:35:05	1	0	10	10	0	1.0344	1.0344	-0.0001	0.9991	0.9991	0.0000
2024-01-18T10:35:26	1	0	8	8	0	1.0385	1.0386	0.0000	0.9985	0.9985	0.0000
2024-01-18T10:35:53	1	0	2	2	0	1.0565	1.0563	-0.0002	-0.9163	-0.9177	0.0014
2024-01-18T10:36:28	2	0	8	8	0	0.9788	0.9787	0.0000	0.9986	0.9986	0.0000
2024-01-18T10:37:08	1	0	69	69	0	0.9881	0.9880	-0.0002	0.9868	0.9865	0.0003
2024-01-18T10:37:32	2	0	173	164	9	0.9516	0.9518	0.0002	0.9851	0.9852	-0.0001
2024-01-18T10:37:43	1	0	2	2	0	1.0329	1.0328	-0.0002	0.9967	0.9967	0.0000
2024-01-18T10:38:44	1	0	197	197	0	0.8971	0.8973	0.0002	0.9794	0.9794	0.0000
2024-01-18T10:39:23	2	0	67	67	0	1.0026	1.0026	0.0000	0.9756	0.9756	0.0000
2024-01-18T10:39:48	1	0	39	38	1	1.0440	1.0436	-0.0005	0.977	0.9769	0.0001
2024-01-18T10:41:44	1	0	1	1	0	0.9767	0.9771	0.0004	0.9861	0.9861	0.0000
2024-01-18T10:42:41	1	0	80	0	80	1.1553	null	null	-0.9969	-0.9963	-0.0006
2024-01-18T10:43:01	1	0	5	5	0	0.9629	0.9630	0.0001	0.9792	0.9792	0.0000
2024-01-18T10:43:17	1	0	666	661	5	1.0713	1.0712	0.0000	0.9831	0.9851	-0.0020
2024-01-18T10:44:27	1	0	12	12	0	1.0533	1.0533	0.0000	0.9977	0.9977	0.0000
2024-01-18T10:44:40	1	0	5	5	0	0.9748	0.9750	0.0002	0.9947	0.9948	-0.0001
2024-01-18T10:45:17	2	0	4	3	1	1.0393	1.0321	-0.0072	-0.9978	-0.9978	0.0000
2024-01-18T10:45:40	1	0	157	155	2	1.0538	1.0537	-0.0001	1	1	0.0000
2024-01-18T10:46:11	2	0	14	13	1	1.0392	1.0386	-0.0006	1	1	0.0000
2024-01-18T10:47:29	1	0	6	6	0	1.0373	1.0372	-0.0001	0.9931	0.9931	0.0000
2024-01-18T10:48:33	1	0	2	2	0	1.0482	1.0469	-0.0012	-0.9953	-0.9955	0.0002
2024-01-18T10:48:34	1	0	1	0	1	1.0558	null	null	0.9843	0.9842	0.0001
2024-01-18T10:48:59	1	0	3	4	-1	1.0056	0.9941	-0.0115	0.9999	0.9999	0.0000
2024-01-18T10:50:05	1	0	2	1	1	0.9440	0.9446	0.0006	0.9826	0.9827	-0.0001
2024-01-18T10:50:29	1	0	11	11	0	1.0473	1.0470	-0.0003	0.997	0.997	0.0000
2024-01-18T10:50:33	1	0	3	3	0	0.9727	0.9725	-0.0002	0.9939	0.9939	0.0000
2024-01-18T10:51:29	2	0	7	7	0	0.9700	0.9703	0.0003	0.9989	0.9989	0.0000
2024-01-18T10:52:44	1	0	75	70	5	0.9326	0.9328	0.0002	0.985	0.9851	-0.0001
2024-01-18T10:52:45	1	0	1	0	1	0.9449	null	null	0.9779	0.9778	0.0001
2024-01-18T10:54:24	1	0	44	45	-1	0.9933	0.9933	0.0000	0.9765	0.9765	0.0000
2024-01-18T10:54:45	1	0	140	139	1	0.9203	0.9208	0.0005	0.9998	0.9992	0.0006
2024-01-18T10:57:42	1	0	155	155	0	0.8856	0.8861	0.0005	-0.9964	-0.9963	-0.0001
2024-01-18T10:59:28	2	0	22	22	0	1.0554	1.0553	-0.0001	0.9978	0.9977	0.0001
2024-01-18T11:00:37	1	0	14	14	0	1.0466	1.0465	0.0000	0.9881	0.9881	0.0000
2024-01-18T11:02:24	1	0	39	38	1	0.9479	0.9445	-0.0034	0.9876	0.9875	0.0001
2024-01-18T11:02:27	1	0	1	1	0	1.0563	1.0552	-0.0011	0.9761	0.976	0.0001
2024-01-18T11:02:54	2	0	35	33	2	1.0578	1.0574	-0.0004	0.957	0.9599	-0.0029

2024-01-18T11:03:34	1	0	2	2	0	1.0473	1.0461	-0.0012	-0.9945	-0.9947	0.0002
2024-01-18T11:04:03	1	0	8	8	0	1.0459	1.0457	-0.0002	0.9981	0.9981	0.0000
2024-01-18T11:04:11	7	0	6	6	0	0.9815	0.9819	0.0004	0.9998	0.9998	0.0000
2024-01-18T11:05:28	1	0	10	10	0	1.0353	1.0352	-0.0002	0.9985	0.9985	0.0000
2024-01-18T11:05:40	2	0	16	14	2	1.0479	1.0463	-0.0016	0.9967	0.9966	0.0001
2024-01-18T11:05:48	3	0	1	0	1	1.0451	null	null	0.9989	0.9989	0.0000
2024-01-18T11:05:54	2	0	23	23	0	1.0478	1.0478	0.0000	0.9748	0.9746	0.0002
2024-01-18T11:06:15	1	0	5	5	0	1.0266	1.0265	-0.0001	0.9856	0.9855	0.0001
2024-01-18T11:06:54	1	0	2	2	0	0.9422	0.9424	0.0001	-0.9999	-0.9999	0.0000
2024-01-18T11:11:33	1	0	48	47	1	0.9330	0.9332	0.0002	0.9755	0.9756	-0.0001
2024-01-18T11:11:55	1	0	10	10	0	1.0328	1.0326	-0.0002	0.9983	0.9982	0.0001
2024-01-18T11:11:57	1	0	11	11	0	1.0471	1.0468	-0.0003	0.9967	0.9967	0.0000
2024-01-18T11:13:18	1	0	17	17	0	0.9448	0.9451	0.0003	0.9859	0.986	-0.0001
2024-01-18T11:15:31	1	0	1	1	0	0.9409	0.9427	0.0018	0.9904	0.9905	-0.0001
2024-01-18T11:17:11	6	0	117	113	4	0.9249	0.9261	0.0012	-0.9958	-0.9948	-0.0010
2024-01-18T11:17:43	2	0	6	6	0	1.0261	1.0260	-0.0001	0.9884	0.9882	0.0002
2024-01-18T11:18:10	4	0	4	4	0	0.9415	0.9427	0.0011	0.9889	0.9816	0.0073
2024-01-18T11:19:15	1	0	88	87	1	1.0565	1.0562	-0.0003	-0.9933	-0.9928	-0.0005
2024-01-18T11:19:50	1	0	36	35	1	0.9436	0.9439	0.0002	-0.9979	-0.9978	-0.0001
2024-01-18T11:20:33	1	0	8	8	0	0.9696	0.9693	-0.0003	0.9994	0.9994	0.0000
2024-01-18T11:20:55	2	0	15	15	0	1.0532	1.0532	0.0000	0.998	0.9979	0.0001
2024-01-18T11:22:16	3	0	6	6	0	0.9967	0.9967	0.0000	0.9707	0.9707	0.0000
2024-01-18T11:22:53	1	0	3	3	0	1.0393	1.0388	-0.0006	0.9918	0.9915	0.0003
2024-01-18T11:23:41	2	0	11	11	0	0.9924	0.9921	-0.0003	0.9871	0.9869	0.0002
2024-01-18T11:23:50	1	0	15	15	0	0.9634	0.9554	-0.0080	0.9839	0.9839	0.0000
2024-01-18T11:25:01	1	0	2	2	0	1.0471	1.0458	-0.0013	-0.9949	-0.9952	0.0003
2024-01-18T11:26:45	2	0	75	75	0	0.9385	0.9385	0.0000	0.9712	0.9715	-0.0003
2024-01-18T11:27:13	1	0	8	8	0	0.9543	0.9542	-0.0001	0.9994	0.9996	-0.0002
2024-01-18T11:27:22	3	0	2	2	0	1.0668	1.0659	-0.0009	-0.9092	-0.9133	0.0041
2024-01-18T11:27:41	1	0	4	4	0	1.0242	1.0241	-0.0001	0.9857	0.9856	0.0001
2024-01-18T11:29:13	2	0	1	1	0	1.0358	1.0355	-0.0003	0.9961	0.9961	0.0000
2024-01-18T11:31:13	2	0	37	37	0	0.9438	0.9439	0.0000	0.9956	0.9956	0.0000
2024-01-18T11:32:18	1	0	19	18	1	1.0470	1.0463	-0.0006	-0.9958	-0.9958	0.0000
2024-01-18T11:32:44	2	0	4	4	0	1.0200	1.0200	0.0000	0.9879	0.9879	0.0000
2024-01-18T11:33:13	1	0	7	7	0	1.0476	1.0475	-0.0001	-0.9988	-0.9988	0.0000
2024-01-18T11:35:30	2	0	2	2	0	1.0170	1.0170	0.0000	0.9947	0.9946	0.0001
2024-01-18T11:38:55	2	0	13	11	2	0.9544	0.9566	0.0022	0.9728	0.973	-0.0002
2024-01-18T11:40:02	2	0	2	2	0	1.0477	1.0468	-0.0010	-0.9935	-0.9937	0.0002
2024-01-18T11:40:04	2	0	1	1	0	1.0598	1.0591	-0.0007	0.9836	0.9835	0.0001
2024-01-18T11:40:15	2	0	6	6	0	1.0519	1.0519	0.0000	-0.9992	-0.9992	0.0000
2024-01-18T11:40:24	1	0	5	5	0	1.0059	1.0058	-0.0001	-0.9975	-0.9975	0.0000
2024-01-18T11:40:46	2	0	3	3	0	1.0332	1.0332	0.0000	0.9999	0.9999	0.0000
2024-01-18T11:41:37	2	0	5	6	-1	1.0409	1.0394	-0.0015	0.9984	0.9984	0.0000
2024-01-18T11:42:14	4	0	12	10	2	1.0486	1.0467	-0.0019	0.9969	0.9969	0.0000
2024-01-18T11:45:32	1	0	1	1	0	1.0551	1.0551	0.0000	0.9915	0.9915	0.0000
2024-01-18T11:45:50	7	0	95	96	-1	1.0257	1.0240	-0.0017	0.973	0.9731	-0.0001
2024-01-18T11:46:14	2	0	1	1	0	1.0344	1.0344	0.0000	0.9985	0.9985	0.0000
2024-01-18T11:47:17	1	0	10	10	0	0.9549	0.9549	-0.0001	0.9751	0.975	0.0001
2024-01-18T11:47:19	1	0	24	24	0	1.0510	1.0508	-0.0002	-0.9958	-0.9959	0.0001
2024-01-18T11:52:11	4	0	8	9	-1	1.0524	1.0529	0.0005	0.9973	0.9973	0.0000
2024-01-18T11:52:52	6	0	27	25	2	1.0492	1.0480	-0.0012	0.9976	0.9975	0.0001
2024-01-18T11:53:07	1	0	2	2	0	0.9509	0.9509	0.0000	0.9996	0.9997	-0.0001
2024-01-18T11:57:07	2	0	3	3	0	1.0299	1.0299	0.0000	0.9999	0.9999	0.0000
2024-01-18T11:58:10	1	0	10	10	0	0.9429	0.9430	0.0001	0.9666	0.9666	0.0000
2024-01-18T11:58:57	1	0	7	6	1	1.0508	1.0491	-0.0017	0.9852	0.9852	0.0000
2024-01-18T12:04:45	1	0	12	12	0	0.9690	0.9589	-0.0101	0.9851	0.9851	0.0000
2024-01-18T12:04:49	2	0	1	0	1	1.0610	null	null	0.9757	0.9757	0.0000
2024-01-18T12:05:56	2	0	7	7	0	1.0491	1.0489	-0.0003	-0.9936	-0.9937	0.0001
2024-01-18T12:05:59	2	0	6	5	1	1.0384	1.0333	-0.0051	0.9859	0.986	-0.0001
2024-01-18T12:06:10	2	0	4	4	0	1.0466	1.0466	0.0000	0.9992	0.9992	0.0000
2024-01-18T12:08:08	1	0	4	4	0	0.9918	0.9917	-0.0001	0.9997	0.9998	-0.0001
2024-01-18T12:11:26	1	0	1	1	0	1.0564	1.0564	0.0000	0.9923	0.9923	0.0000
2024-01-18T12:11:44	7	0	96	96	0	1.0223	1.0223	0.0000	0.9745	0.9745	0.0000
2024-01-18T12:12:08	2	0	6	6	0	1.0045	1.0045	0.0000	0.9997	0.9997	0.0000
2024-01-18T12:14:12	3	0	125	125	0	1.0625	1.0624	-0.0001	0.9992	0.9992	0.0000
2024-01-18T12:16:25	2	0	2	2	0	1.0228	1.0228	0.0000	0.9947	0.9945	0.0002
2024-01-18T12:20:57	1	0	10	10	0	1.0499	1.0496	-0.0003	-0.9929	-0.993	0.0001
2024-01-18T12:20:59	1	0	7	7	0	1.0526	1.0521	-0.0005	0.9864	0.9864	0.0000
2024-01-18T12:21:23	8	0	1	1	0	1.0394	1.0394	0.0000	0.9993	0.9992	0.0001
2024-01-18T12:22:28	2	0	7	8	-1	1.0434	1.0450	0.0015	0.9984	0.9983	0.0001
2024-01-18T12:22:47	5	0	5	8	-3	1.0460	1.0473	0.0014	0.9769	0.9774	-0.0005
2024-01-18T12:29:17	1	0	11	11	0	1.0513	1.0507	-0.0005	0.9809	0.9806	0.0003
2024-01-18T12:32:53	2	0	2	2	0	1.0459	1.0458	-0.0001	1	1	0.0000
2024-01-18T12:37:13	4	0	8	9	-1	1.0529	1.0535	0.0006	0.9977	0.9977	0.0000
2024-01-18T12:44:10	1	0	1	1	0	1.0463	1.0463	0.0000	1	1	0.0000
2024-01-18T12:49:47	1	0	9	10	-1	0.9509	0.9502	-0.0007	0.9845	0.9845	0.0000
2024-01-18T12:55:13	2	0	1	2	-1	1.0357	1.0324	-0.0033	0.9915	0.9917	-0.0002
2024-01-18T13:21:01	1	0	2	2	0	1.0472	1.0468	-0.0004	-0.9925	-0.9926	0.0001
2024-01-18T13:23:41	1	0	2	2	0	1.0310	1.0306	-0.0004	0.9913	0.9912	0.0001
2024-01-18T13:25:19	1	0	1	1	0	1.0147	1.0147	0.0000	0.986	0.9857	0.0003
2024-01-18T13:36:02	1	0	6	6	0	1.0495	1.0490	-0.0004	-0.9938	-0.9939	0.0001
2024-01-18T13:36:04	2	0	3	3	0	1.0054	1.0279	0.0225	0.9826	0.9827	-0.0001
2024-01-18T13:37:57	1	0	22	21	1	1.0483	1.0479	-0.0005	0.9707	0.9706	0.0001
2024-01-18T13:38:42	1	0	1	1	0	1.0352	1.0352	0.0000	0.9918	0.9913	0.0005
2024-01-18T13:44:16	1	0	4	4	0	1.0491	1.0490	-0.0001	-0.9997	-0.9997	0.0000

2024-01-18T13:49:23	1	0	1	0	1	1.0391	null	null	0.9961	0.996	0.0001
2024-01-18T13:51:03	1	0	13	12	1	1.0473	1.0472	-0.0001	-0.9909	-0.9911	0.0002
2024-01-18T13:51:05	3	0	4	4	0	0.9903	0.9903	0.0000	0.9776	0.9776	0.0000
2024-01-18T13:52:18	4	0	27	26	1	1.0531	1.0528	-0.0003	0.9983	0.9983	0.0000
2024-01-18T13:52:58	4	0	34	31	3	1.0552	1.0548	-0.0004	0.9764	0.9762	0.0002
2024-01-18T13:53:07	2	0	7	7	0	1.0501	1.0496	-0.0004	0.9901	0.9901	0.0000
2024-01-18T14:00:19	2	0	91	91	0	1.0421	1.0420	0.0000	0.9754	0.9754	0.0000
2024-01-18T14:04:24	1	0	1	1	0	1.0386	1.0382	-0.0004	0.9964	0.9963	0.0001
2024-01-18T14:04:44	7	0	5	6	-1	0.9798	0.9882	0.0084	0.9835	0.9835	0.0000
2024-01-18T14:04:52	1	0	2	2	0	1.0367	1.0364	-0.0003	0.9858	0.9858	0.0000
2024-01-18T14:04:57	1	0	1	1	0	1.0580	1.0578	-0.0002	0.9793	0.9793	0.0000
2024-01-18T14:05:25	3	0	44	44	0	1.0567	1.0544	-0.0024	0.9528	0.9528	0.0000
2024-01-18T14:05:36	1	0	4	3	1	1.0506	1.0488	-0.0018	0.9784	0.9784	0.0000
2024-01-18T14:06:06	1	0	3	3	0	1.0499	1.0498	-0.0001	0.9895	0.9895	0.0000
2024-01-18T14:06:48	8	0	6	6	0	1.0322	1.0322	0.0000	1	1	0.0000
2024-01-18T14:06:50	3	0	15	15	0	1.0519	1.0518	0.0000	0.9973	0.9973	0.0000
2024-01-18T14:07:19	4	0	12	11	1	1.0552	1.0551	-0.0001	0.9976	0.9976	0.0000
2024-01-18T14:07:25	1	0	23	22	1	1.0541	1.0538	-0.0003	0.9578	0.9568	0.0010
2024-01-18T14:07:59	2	0	23	23	0	1.0501	1.0500	-0.0001	0.9721	0.972	0.0001
2024-01-18T14:08:18	1	0	3	3	0	0.9861	0.9859	-0.0002	1	-1	0.0000
2024-01-18T14:10:04	2	0	14	14	0	1.0464	1.0463	-0.0001	0.9942	0.9942	0.0000
2024-01-18T14:10:37	3	0	2	2	0	1.0213	1.0213	0.0000	0.9875	0.9872	0.0003
2024-01-18T14:13:29	3	0	7	7	0	1.0534	1.0534	0.0000	0.993	0.9929	0.0001
2024-01-18T14:13:55	1	0	3	3	0	1.0231	1.0230	-0.0001	0.987	0.9867	0.0003
2024-01-18T14:14:23	3	0	50	50	0	1.0570	1.0569	-0.0001	0.9995	0.9931	0.0064
2024-01-18T14:14:24	1	0	12	11	1	1.0532	1.0526	-0.0006	0.9862	0.9859	0.0003
2024-01-18T14:15:09	1	0	79	79	0	1.1562	1.1525	-0.0037	0.9999	-1	-0.0001
2024-01-18T14:16:53	2	0	11	11	0	1.0499	1.0498	-0.0001	-0.9989	-0.9989	0.0000
2024-01-18T14:17:13	2	0	1	0	1	1.0558	null	null	0.9946	0.9946	0.0000
2024-01-18T14:17:16	3	0	2	2	0	1.0271	1.0271	0.0000	0.9934	0.9934	0.0000
2024-01-18T14:17:45	1	0	80	80	0	1.0514	1.0513	-0.0001	0.9988	0.9988	0.0000
2024-01-18T14:17:47	3	0	3	3	0	0.9131	0.9131	0.0000	0.9828	0.9828	0.0000
2024-01-18T14:17:50	1	0	8	7	1	1.0307	1.0265	-0.0042	0.9999	0.9999	0.0000
2024-01-18T14:18:20	5	0	59	55	4	0.9523	0.9528	0.0006	0.9864	0.9865	-0.0001
2024-01-18T14:19:55	4	0	5	5	0	0.9973	0.9970	-0.0004	0.9833	0.9832	0.0001
2024-01-18T14:19:58	1	0	1	1	0	1.0563	1.0561	-0.0002	0.9778	0.9778	0.0000
2024-01-18T14:20:26	1	0	79	78	1	1.0501	1.0500	-0.0001	0.9542	0.9542	0.0000
2024-01-18T14:21:05	2	0	15	13	2	1.0491	1.0477	-0.0014	-0.9917	-0.9922	0.0005
2024-01-18T14:21:07	2	0	5	5	0	1.0496	1.0495	-0.0001	0.9836	0.9836	0.0000
2024-01-18T14:21:21	1	0	1	1	0	1.0132	1.0129	-0.0003	0.9866	0.9862	0.0004
2024-01-18T14:21:27	1	0	8	8	0	1.0320	1.0320	0.0000	-0.9999	-0.9999	0.0000
2024-01-18T14:21:51	3	0	14	14	0	1.0534	1.0534	0.0000	0.9969	0.9968	0.0001
2024-01-18T14:22:20	4	0	17	16	1	1.0539	1.0536	-0.0002	0.9981	0.9981	0.0000
2024-01-18T14:22:33	1	0	33	31	2	1.0561	1.0560	-0.0002	0.9705	0.971	-0.0005
2024-01-18T14:22:36	2	0	5	5	0	1.0423	1.0422	-0.0001	0.9986	0.9985	0.0001
2024-01-18T14:23:00	25	0	20	19	1	1.0526	1.0516	-0.0011	0.9979	0.9977	0.0002
2024-01-18T14:23:00	5	0	44	42	2	1.0562	1.0560	-0.0002	0.9692	0.9735	-0.0043
2024-01-18T14:23:08	1	0	42	43	-1	1.0426	1.0425	-0.0001	0.9997	0.9997	0.0000
2024-01-18T14:23:19	1	0	3	3	0	0.9820	0.9819	0.0000	1	1	0.0000
2024-01-18T14:23:26	1	0	1	1	0	1.0753	1.0753	0.0000	-0.9912	-0.9911	-0.0001
2024-01-18T14:25:20	9	0	149	148	1	1.0520	1.0519	-0.0001	0.9758	0.9757	0.0001
2024-01-18T14:25:26	1	0	129	129	0	0.9355	0.9355	0.0000	-0.999	-0.999	0.0000
2024-01-18T14:25:50	3	0	14	12	2	0.9586	0.9612	0.0026	0.9868	0.9865	0.0003
2024-01-18T14:25:56	5	0	9	11	-2	0.9416	0.9420	0.0005	0.9991	0.9991	0.0000
2024-01-18T14:27:39	1	0	110	109	1	0.9388	0.9388	0.0000	0.9985	0.9985	0.0000
2024-01-18T14:28:16	5	0	100	100	0	0.9334	0.9334	0.0001	-0.9933	-0.9931	-0.0002
2024-01-18T14:28:30	5	0	14	11	3	1.0427	1.0504	0.0077	0.9913	0.9912	0.0001
2024-01-18T14:28:56	1	0	3	3	0	1.0201	1.0201	0.0000	0.9807	0.9804	0.0003
2024-01-18T14:29:25	1	0	15	14	1	1.0570	1.0569	-0.0001	0.9944	0.9943	0.0001
2024-01-18T14:30:10	1	0	79	79	0	1.1573	1.1569	-0.0004	-1	-0.9997	-0.0003
2024-01-18T14:31:54	2	0	12	12	0	1.0489	1.0488	0.0000	-0.9993	-0.9993	0.0000
2024-01-18T14:32:00	1	0	18	18	0	1.0515	1.0515	0.0000	0.9985	0.9985	0.0000
2024-01-18T14:32:48	10	0	7	7	0	0.9575	0.9492	-0.0083	0.9741	0.9738	0.0003
2024-01-18T14:32:51	2	0	7	7	0	1.0272	1.0271	-0.0001	1	1	0.0000
2024-01-18T14:33:28	6	0	46	40	6	0.9549	0.9557	0.0008	0.987	0.987	0.0000
2024-01-18T14:33:38	1	0	12	12	0	1.0350	1.0349	-0.0001	-0.9998	-0.9998	0.0000
2024-01-18T14:33:40	2	0	22	20	2	1.0470	1.0463	-0.0007	0.984	0.9838	0.0002
2024-01-18T14:34:26	2	0	2	0	2	1.0379	null	null	0.9963	0.9962	0.0001
2024-01-18T14:34:30	1	0	37	36	1	1.0522	1.0521	-0.0001	-0.9937	-0.9936	-0.0001
2024-01-18T14:34:54	2	0	3	4	-1	1.0249	1.0046	-0.0204	0.9889	0.9888	0.0001
2024-01-18T14:34:59	1	0	1	1	0	1.0591	1.0589	-0.0002	0.9771	0.9771	0.0000
2024-01-18T14:35:09	7	0	6	6	0	1.0266	1.0260	-0.0006	0.9835	0.9834	0.0001
2024-01-18T14:35:27	2	0	65	63	2	1.0444	1.0444	0.0000	0.9603	0.9602	0.0001
2024-01-18T14:36:10	2	0	12	12	0	1.0470	1.0466	-0.0004	-0.9917	-0.9921	0.0004
2024-01-18T14:36:22	1	0	2	2	0	0.9860	0.9860	-0.0001	0.9873	0.9868	0.0005
2024-01-18T14:36:31	2	0	8	8	0	1.0317	1.0317	0.0000	-0.9997	-0.9997	0.0000
2024-01-18T14:36:32	1	0	2	2	0	1.0319	1.0317	-0.0003	0.9998	0.9998	0.0000
2024-01-18T14:37:21	4	0	11	11	0	1.0549	1.0548	-0.0001	0.998	0.998	0.0000
2024-01-18T14:37:37	2	0	7	7	0	1.0429	1.0429	0.0000	0.9982	0.9982	0.0000
2024-01-18T14:37:39	5	0	55	53	2	0.9400	0.9403	0.0003	0.9486	0.9468	0.0018
2024-01-18T14:37:46	2	0	18	17	1	1.0533	1.0529	-0.0004	0.9542	0.9525	0.0017
2024-01-18T14:37:48	2	0	97	93	4	0.9389	0.9391	0.0002	0.9691	0.9692	-0.0001
2024-01-18T14:38:01	17	0	39	37	2	1.0550	1.0543	-0.0007	0.9977	0.9976	0.0001
2024-01-18T14:38:01	4	0	24	24	0	1.0511	1.0510	-0.0001	0.9646	0.9644	0.0002
2024-01-18T14:38:06	1	0	25	24	1	1.0468	1.0467	-0.0001	-0.999	-0.999	0.0000

2024-01-18T14:38:46	2	0	1	1	0	1.0253	1.0250	-0.0003	0.9924	0.992	0.0004
2024-01-18T14:39:10	3	0	2	1	1	1.0310	1.0322	0.0012	0.972	0.971	0.0010
2024-01-18T14:39:24	1	0	13	12	1	0.9432	0.9437	0.0006	0.9875	0.9876	-0.0001
2024-01-18T14:39:47	2	0	16	16	0	1.0466	1.0464	-0.0002	-0.9923	-0.9924	0.0001
2024-01-18T14:39:53	1	0	28	28	0	1.0501	1.0501	0.0000	-0.995	-0.995	0.0000
2024-01-18T14:40:20	2	0	2	2	0	1.0343	1.0340	-0.0003	0.9922	0.9921	0.0001
2024-01-18T14:40:57	5	0	5	5	0	0.9825	0.9826	0.0001	0.9999	0.9999	0.0000
2024-01-18T14:43:28	5	0	97	97	0	0.9326	0.9328	0.0002	-0.9927	-0.9923	-0.0004
2024-01-18T14:43:49	2	0	6	6	0	1.0324	1.0324	0.0000	0.9897	0.9896	0.0001
2024-01-18T14:43:57	1	0	3	3	0	1.0174	1.0174	0.0000	0.9824	0.9821	0.0003
2024-01-18T14:45:11	1	0	79	79	0	1.1501	1.1500	-0.0001	0.9997	1	-0.0003
2024-01-18T14:45:21	1	0	142	143	-1	1.0590	1.0589	-0.0001	-0.9995	-0.9999	0.0004
2024-01-18T14:47:01	1	0	23	23	0	1.0528	1.0528	0.0000	0.9989	0.9989	0.0000
2024-01-18T14:47:58	1	0	138	137	1	1.0535	1.0534	-0.0001	0.9988	0.9988	0.0000
2024-01-18T14:48:32	7	0	30	23	7	0.9650	0.9716	0.0066	0.9874	0.9876	-0.0002
2024-01-18T14:48:41	2	0	13	13	0	1.0439	1.0439	0.0000	0.983	0.983	0.0000
2024-01-18T14:49:27	1	0	1	1	0	1.0388	1.0380	-0.0008	0.9965	0.9965	0.0000
2024-01-18T14:49:31	1	0	43	41	2	1.0530	1.0528	-0.0002	-0.9943	-0.9943	0.0000
2024-01-18T14:50:56	1	0	99	99	0	0.9507	0.9507	0.0000	0.9722	0.9726	-0.0004
2024-01-18T14:51:11	1	0	13	12	1	1.0472	1.0461	-0.0011	-0.9916	-0.992	0.0004
2024-01-18T14:51:29	1	0	1	1	0	1.0334	1.0333	-0.0001	0.9722	0.9687	0.0035
2024-01-18T14:52:49	1	0	38	35	3	1.0560	1.0555	-0.0005	0.964	0.9626	0.0014
2024-01-18T14:53:02	12	0	12	12	0	1.0455	1.0456	0.0001	0.9965	0.9965	0.0000
2024-01-18T14:54:25	1	0	7	7	0	0.9437	0.9441	0.0004	0.9879	0.988	-0.0001
2024-01-18T14:54:28	1	0	13	12	1	1.0542	1.0537	-0.0005	0.9869	0.9868	0.0001
2024-01-18T14:55:28	1	0	134	133	1	0.9360	0.9360	0.0000	-0.9989	-0.9989	0.0000
2024-01-18T14:56:19	9	0	116	116	0	1.0418	1.0418	0.0000	0.975	0.9749	0.0001
2024-01-18T14:58:29	1	0	1	0	1	1.0360	null	null	0.9754	0.9754	0.0000
2024-01-18T14:58:44	3	0	4	4	0	1.0056	1.0059	0.0003	0.9853	0.9854	-0.0001
2024-01-18T15:02:02	1	0	9	9	0	1.0471	1.0470	-0.0001	0.9987	0.9986	0.0001
2024-01-18T15:03:03	1	0	155	154	1	1.0539	1.0538	-0.0001	0.9988	0.9988	0.0000
2024-01-18T15:05:10	5	0	1	0	1	1.0290	null	null	-0.999	-0.999	0.0000
2024-01-18T15:06:12	1	0	13	13	0	1.0471	1.0468	-0.0003	-0.9913	-0.9917	0.0004
2024-01-18T15:07:52	1	0	38	36	2	1.0570	1.0566	-0.0004	0.9724	0.9722	0.0002
2024-01-18T15:09:26	1	0	5	5	0	0.9855	0.9858	0.0002	0.9885	0.9885	0.0000
2024-01-18T15:10:53	3	0	8	8	0	0.9523	0.9525	0.0002	0.9762	0.976	0.0002
2024-01-18T15:14:03	3	0	1	1	0	0.9428	0.9430	0.0002	0.9939	0.9939	0.0000
2024-01-18T15:20:10	5	0	1	0	1	1.0246	null	null	-0.9993	-0.9993	0.0000
2024-01-18T15:22:53	1	0	41	40	1	1.0571	1.0567	-0.0004	0.9731	0.973	0.0001
2024-01-18T15:24:27	1	0	3	3	0	0.9555	0.9558	0.0003	0.9882	0.9882	0.0000
2024-01-18T15:26:21	2	0	120	120	0	1.0405	1.0404	-0.0001	0.9746	0.9748	-0.0002
2024-01-18T15:27:56	1	0	7	7	0	1.0423	1.0423	0.0000	0.9997	0.9997	0.0000
2024-01-18T15:30:24	1	0	341	335	6	1.0616	1.0615	-0.0001	-0.9986	-0.9985	-0.0001
2024-01-18T15:33:35	1	0	4	4	0	1.0151	1.0150	0.0000	0.9753	0.9753	0.0000
2024-01-18T15:35:11	5	0	1	1	0	1.0251	1.0246	-0.0005	-0.9992	-0.9992	0.0000
2024-01-18T15:36:14	1	0	5	4	1	1.0466	1.0462	-0.0003	-0.9931	-0.9934	0.0003
2024-01-18T15:38:05	1	0	97	97	0	1.0558	1.0599	0.0040	0.9639	0.9642	-0.0003
2024-01-18T15:43:13	1	0	5	5	0	1.0290	1.0289	-0.0001	0.9854	0.9854	0.0000
2024-01-18T15:48:43	1	0	9	9	0	1.0273	1.0273	0.0000	0.9999	0.9999	0.0000
2024-01-18T15:51:15	1	0	2	2	0	1.0488	1.0479	-0.0010	-0.9926	-0.9928	0.0002
2024-01-18T15:53:09	1	0	29	28	1	1.0538	1.0538	0.0000	0.9627	0.9628	-0.0001
2024-01-18T15:58:33	1	0	1	1	0	1.0375	1.0374	-0.0001	0.973	0.973	0.0000
2024-01-18T16:01:15	1	0	5	4	1	1.0421	1.0462	0.0041	0.9973	0.9972	0.0001
2024-01-18T16:04:32	2	0	5	5	0	1.0315	1.0314	-0.0001	0.9961	0.9961	0.0000
2024-01-18T16:04:36	1	0	59	58	1	1.0544	1.0543	-0.0001	-0.9948	-0.9948	0.0000
2024-01-18T16:05:00	1	0	5	6	-1	0.9884	1.0002	0.0118	0.9905	0.9906	-0.0001
2024-01-18T16:06:16	1	0	2	2	0	1.0484	1.0475	-0.0009	-0.9945	-0.9947	0.0002
2024-01-18T16:06:16	1	0	25	24	1	1.0443	1.0441	-0.0002	0.9994	0.9994	0.0000
2024-01-18T16:07:47	2	0	27	26	1	0.9447	0.9408	-0.0039	-0.9996	-0.9996	0.0000
2024-01-18T16:08:08	1	0	17	17	0	1.0445	1.0445	0.0000	0.9974	0.9974	0.0000
2024-01-18T16:08:14	1	0	17	17	0	1.0424	1.0424	0.0000	0.9618	0.9619	-0.0001
2024-01-18T16:08:26	1	0	4	4	0	0.9953	0.9953	-0.0001	1	1	0.0000
2024-01-18T16:12:46	1	0	153	153	0	0.9330	0.9330	0.0000	0.9969	0.9968	0.0001
2024-01-18T16:21:17	1	0	2	2	0	1.0461	1.0454	-0.0007	-0.9946	-0.9947	0.0001
2024-01-18T16:27:27	1	0	138	138	0	0.9129	0.9129	0.0000	0.993	0.993	0.0000
2024-01-18T16:38:10	1	0	10	10	0	1.0347	1.0347	0.0000	0.9977	0.9973	0.0004
2024-01-18T16:42:28	1	0	133	131	2	0.9213	0.9218	0.0005	0.9936	0.994	-0.0004
2024-01-18T16:47:11	1	0	15	12	3	0.9788	0.9875	0.0087	0.9985	0.9985	0.0000
2024-01-18T17:00:20	1	0	79	79	0	1.1470	1.1470	0.0000	0.9998	0.9994	0.0004
2024-01-18T17:11:01	1	0	25	25	0	0.9428	0.9428	0.0000	0.9763	0.9762	0.0001
2024-01-18T17:13:59	1	0	4	4	0	1.0234	1.0234	0.0000	0.989	0.989	0.0000
2024-01-18T17:21:07	1	0	102	102	0	0.9303	0.9303	0.0000	0.972	0.9727	-0.0007
2024-01-18T17:22:32	1	0	5	5	0	1.0511	1.0511	0.0000	0.9959	0.9959	0.0000
2024-01-18T17:26:13	1	0	116	115	1	0.9487	0.9488	0.0001	0.9855	0.9858	-0.0003
2024-01-18T17:32:14	1	0	35	35	0	0.9777	0.9777	0.0000	0.9998	0.9999	-0.0001
2024-01-18T17:51:28	1	0	21	20	1	0.9578	0.9579	0.0001	0.9911	0.9911	0.0000
2024-01-18T17:56:12	1	0	2	2	0	1.0481	1.0481	0.0000	-1	-1	0.0000
2024-01-18T17:56:31	2	0	161	159	2	1.0067	1.0067	0.0000	0.9738	0.9738	0.0000
2024-01-18T18:02:16	1	0	15	15	0	1.0491	1.0491	0.0000	1	0.9999	0.0001
2024-01-18T18:09:41	1	0	9	9	0	1.0494	1.0494	0.0000	0.9861	0.9861	0.0000
2024-01-18T18:23:03	1	0	72	72	0	0.9240	0.9240	0.0000	0.9946	0.9946	0.0000
2024-01-18T18:24:43	1	0	69	69	0	0.9544	0.9544	0.0000	0.9873	0.9872	0.0001
2024-01-19T07:51:44	2	0	52	52	0	0.9434	0.9435	0.0001	0.9991	0.9991	0.0000
2024-01-19T07:51:48	1	0	165	165	0	0.8999	0.9000	0.0001	0.9798	0.9798	0.0000
2024-01-19T07:58:09	4	0	670	670	0	1.0686	1.0686	0.0000	0.9917	0.9917	0.0000

2024-01-19T07:58:54	2	0	96	96	0	0.9350	0.9352	0.0001	-0.9995	-0.9995	0.0000
2024-01-19T08:01:26	5	0	100	100	0	0.9246	0.9248	0.0002	0.9899	0.9899	0.0000
2024-01-19T08:06:45	4	0	80	80	0	0.9933	0.9932	-0.0001	0.9876	0.9875	0.0001
2024-01-19T08:06:49	1	0	154	154	0	0.9299	0.9299	0.0000	0.9806	0.9806	0.0000
2024-01-19T08:09:35	2	0	131	130	1	0.9218	0.9221	0.0002	-1	1	0.0000
2024-01-19T08:10:15	1	0	130	130	0	1.0629	1.0628	0.0000	-0.999	-0.999	0.0000
2024-01-19T08:18:15	1	0	104	104	0	0.9436	0.9437	0.0001	0.9865	0.9868	-0.0003
2024-01-19T08:29:19	1	0	17	17	0	1.0511	1.0511	0.0000	0.9985	0.9985	0.0000
2024-01-19T08:30:38	6	0	64	64	0	0.9464	0.9477	0.0013	0.9707	0.9821	-0.0114
2024-01-19T08:36:44	1	0	1	1	0	0.9403	0.9406	0.0003	0.9994	0.9994	0.0000
2024-01-19T08:46:29	3	0	86	86	0	0.9254	0.9254	0.0000	0.9891	0.9892	-0.0001
2024-01-19T09:01:30	3	0	91	91	0	0.9236	0.9236	0.0000	0.9893	0.9893	0.0000
2024-01-19T09:02:46	2	0	37	36	1	1.0525	1.0525	-0.0001	0.9619	0.9619	0.0000
2024-01-19T09:03:30	1	0	2	2	0	1.0464	1.0461	-0.0003	-0.997	-0.997	0.0000
2024-01-19T09:05:43	1	0	1	2	-1	1.0459	1.0455	-0.0004	0.9967	0.9966	0.0001
2024-01-19T09:06:46	1	0	1	0	1	0.9449	null	null	0.9992	0.9992	0.0000
2024-01-19T09:06:49	3	0	44	43	1	0.9470	0.9474	0.0004	0.9886	0.9885	0.0001
2024-01-19T09:06:53	2	0	148	148	0	0.9055	0.9059	0.0004	0.9833	0.9833	0.0000
2024-01-19T09:09:39	2	0	80	81	-1	0.9420	0.9436	0.0016	0.9997	0.9997	0.0000
2024-01-19T09:09:43	1	0	147	145	2	1.0612	1.0611	-0.0001	0.9823	0.9822	0.0001
2024-01-19T09:11:43	3	0	50	48	2	1.0550	1.0548	-0.0001	1	0.9999	0.0001
2024-01-19T09:12:42	4	0	369	365	4	1.0641	1.0640	-0.0001	-0.989	-0.9892	0.0002
2024-01-19T09:13:14	7	0	630	621	9	1.0668	1.0666	-0.0002	0.9868	0.9867	0.0001
2024-01-19T09:13:39	3	0	12	10	2	0.9499	0.9428	-0.0072	0.9985	0.9984	0.0001
2024-01-19T09:13:59	2	0	27	25	2	0.9418	0.9419	0.0001	-0.9999	-0.9999	0.0000
2024-01-19T09:18:22	2	0	97	96	1	0.9371	0.9380	0.0009	0.9867	0.987	-0.0003
2024-01-19T09:20:23	3	0	44	43	1	1.0522	1.0520	-0.0002	0.9976	0.9975	0.0001
2024-01-19T09:21:50	3	0	71	66	5	0.9925	0.9920	-0.0005	0.9883	0.988	0.0003
2024-01-19T09:22:44	2	0	4	4	0	1.0015	1.0017	0.0002	0.9914	0.9913	0.0001
2024-01-19T09:27:33	1	0	79	79	0	1.1548	1.1539	-0.0009	-0.999	-0.999	0.0000
2024-01-19T09:29:23	5	0	29	28	1	1.0547	1.0545	-0.0002	0.9987	0.9986	0.0001
2024-01-19T09:30:38	1	0	3	3	0	0.9549	0.9552	0.0003	0.9962	0.9962	0.0000
2024-01-19T09:31:00	7	0	17	17	0	1.0391	1.0391	0.0000	0.9996	0.9995	0.0001
2024-01-19T09:35:24	12	0	32	31	1	1.0478	1.0474	-0.0004	0.9966	0.9966	0.0000
2024-01-19T09:36:36	1	0	1	1	0	1.0458	1.0454	-0.0004	-0.9993	-0.9993	0.0000
2024-01-19T09:41:42	3	0	2	2	0	0.9983	0.9985	0.0002	0.981	0.981	0.0000
2024-01-19T09:46:33	2	0	80	79	1	0.9247	0.9247	0.0000	0.9891	0.9891	0.0000
2024-01-19T09:47:08	2	0	17	17	0	1.0409	1.0408	-0.0001	0.9957	0.9956	0.0001
2024-01-19T09:48:34	3	0	2	3	-1	1.0115	1.0232	0.0117	0.9765	0.9768	-0.0003
2024-01-19T09:48:58	2	0	5	5	0	1.0378	1.0373	-0.0005	0.9993	0.9993	0.0000
2024-01-19T09:52:46	1	0	4	4	0	0.9819	0.9822	0.0002	0.9872	0.9872	0.0000
2024-01-19T09:54:42	3	0	100	97	3	0.9398	0.9385	-0.0013	0.9959	0.9959	0.0000
2024-01-19T09:57:35	1	0	76	76	0	0.9239	0.9248	0.0009	-0.9965	-0.9964	-0.0001
2024-01-19T09:58:19	2	0	7	7	0	0.9516	0.9517	0.0001	-0.9975	-0.9974	-0.0001
2024-01-19T09:59:25	4	0	20	19	1	1.0535	1.0533	-0.0002	0.9985	0.9985	0.0000
2024-01-19T09:59:35	1	0	1	1	0	0.9806	0.9810	0.0004	0.9862	0.9862	0.0000
2024-01-19T10:00:13	3	0	2	2	0	0.9502	0.9512	0.0010	0.9773	0.9774	-0.0001
2024-01-19T10:01:03	1	0	9	9	0	1.0313	1.0312	-0.0001	0.9998	0.9997	0.0001
2024-01-19T10:01:21	2	0	2	2	0	0.9798	0.9806	0.0008	-0.9964	-0.9964	0.0000
2024-01-19T10:01:38	4	0	1	1	0	1.0434	1.0424	-0.0010	0.9861	0.9932	-0.0071
2024-01-19T10:02:09	2	0	6	6	0	1.0179	1.0181	0.0002	0.9961	0.9961	0.0000
2024-01-19T10:02:12	5	0	14	14	0	1.0494	1.0485	-0.0008	0.9888	0.9887	0.0001
2024-01-19T10:02:24	1	0	11	11	0	0.9452	0.9456	0.0004	0.9771	0.9771	0.0000
2024-01-19T10:03:34	1	0	2	0	2	1.0454	null	null	-0.9959	-0.996	0.0001
2024-01-19T10:05:04	3	0	17	15	2	0.9412	0.9418	0.0006	-0.9998	-0.9997	-0.0001
2024-01-19T10:05:26	3	0	20	20	0	1.0428	1.0429	0.0001	0.9967	0.9968	-0.0001
2024-01-19T10:06:53	3	0	78	78	0	0.9903	0.9903	0.0000	0.9846	0.9845	0.0001
2024-01-19T10:06:57	2	0	148	148	0	0.9175	0.9176	0.0001	0.9812	0.9808	0.0004
2024-01-19T10:08:07	5	0	2	2	0	1.0242	1.0234	-0.0008	0.9987	0.9986	0.0001
2024-01-19T10:09:17	1	0	1	1	0	0.9878	0.9881	0.0003	0.9965	0.9965	0.0000
2024-01-19T10:09:20	2	0	90	88	2	1.0038	1.0065	0.0027	0.9707	0.9707	0.0000
2024-01-19T10:09:55	5	0	96	86	10	0.9387	0.9391	0.0004	0.9959	0.9961	-0.0002
2024-01-19T10:12:36	1	0	79	79	0	1.1471	1.1441	-0.0030	-0.9957	-0.9958	0.0001
2024-01-19T10:14:05	1	0	7	7	0	0.9407	0.9410	0.0003	-0.9994	-0.9994	0.0000
2024-01-19T10:14:26	1	0	15	15	0	1.0539	1.0539	0.0000	0.9985	0.9985	0.0000
2024-01-19T10:16:03	3	0	7	7	0	1.0258	1.0256	-0.0002	0.9996	0.9996	0.0000
2024-01-19T10:17:10	1	0	15	15	0	0.9831	0.9831	0.0000	0.9942	0.9942	0.0000
2024-01-19T10:17:13	2	0	14	14	0	1.0482	1.0478	-0.0004	0.9907	0.9907	0.0000
2024-01-19T10:17:22	1	0	33	33	0	0.9448	0.9485	0.0037	0.9838	0.9839	-0.0001
2024-01-19T10:18:35	2	0	2	2	0	1.0467	1.0453	-0.0014	-0.9957	-0.9959	0.0002
2024-01-19T10:18:36	1	0	11	10	1	1.0299	1.0270	-0.0029	0.9903	0.9903	0.0000
2024-01-19T10:19:51	1	0	18	16	2	1.0535	1.0536	0.0001	0.9642	0.9632	0.0010
2024-01-19T10:21:28	2	0	2	2	0	1.0397	1.0394	-0.0003	-0.9999	-0.9999	0.0000
2024-01-19T10:21:51	1	0	2	2	0	0.9408	0.9411	0.0003	0.9985	0.9985	0.0000
2024-01-19T10:25:08	3	0	111	110	1	0.9355	0.9355	0.0000	0.9956	0.9956	0.0000
2024-01-19T10:28:44	2	0	125	123	2	0.9409	0.9408	0.0000	0.9897	0.9896	0.0001
2024-01-19T10:29:27	1	0	13	13	0	1.0525	1.0525	0.0000	0.9988	0.9988	0.0000
2024-01-19T10:32:23	1	0	29	28	1	0.9493	0.9451	-0.0042	0.9833	0.9833	0.0000
2024-01-19T10:33:37	2	0	7	7	0	1.0267	1.0264	-0.0003	0.9842	0.9839	0.0003
2024-01-19T10:36:52	1	0	5	5	0	0.9427	0.9427	0.0001	0.9987	0.9983	0.0004
2024-01-19T10:36:55	1	0	69	67	2	0.9887	0.9886	-0.0002	0.9849	0.9846	0.0003
2024-01-19T10:39:22	4	0	89	88	1	1.0399	1.0398	-0.0001	0.9717	0.9718	-0.0001
2024-01-19T10:41:46	1	0	1	1	0	0.9718	0.9721	0.0003	0.9802	0.9802	0.0000
2024-01-19T10:42:54	1	0	107	105	2	1.0579	1.0578	-0.0001	-0.992	-0.9917	-0.0003
2024-01-19T10:44:07	1	0	7	7	0	0.9703	0.9702	-0.0001	-0.999	-0.9991	0.0001

2024-01-19T10:44:28	1	0	12	12	0	1.0520	1.0520	0.0000	0.9985	0.9985	0.0000
2024-01-19T10:45:16	2	0	16	15	1	0.9429	0.9432	0.0003	0.9726	0.9727	-0.0001
2024-01-19T10:47:24	1	0	32	31	1	0.9521	0.9485	-0.0037	0.9845	0.9844	0.0001
2024-01-19T10:47:27	1	0	27	25	2	0.9466	0.9468	0.0002	0.9742	0.9741	0.0001
2024-01-19T10:48:37	1	0	2	0	2	1.0454	null	null	-0.9953	-0.9954	0.0001
2024-01-19T10:49:01	1	0	2	2	0	1.0322	1.0321	-0.0002	-0.9989	-0.9989	0.0000
2024-01-19T10:49:02	1	0	3	3	0	1.0319	1.0316	-0.0003	0.9993	0.9993	0.0000
2024-01-19T10:49:53	1	0	20	18	2	1.0539	1.0534	-0.0005	0.9606	0.9593	0.0013
2024-01-19T10:50:17	3	0	19	16	3	0.9390	0.9388	-0.0002	0.9856	0.986	-0.0004
2024-01-19T10:55:31	1	0	121	120	1	0.9328	0.9331	0.0003	0.9956	0.9957	-0.0001
2024-01-19T10:56:48	1	0	1	1	0	1.0030	1.0024	-0.0006	0.9218	0.9213	0.0005
2024-01-19T10:58:42	1	0	3	3	0	1.0360	1.0359	-0.0001	0.994	0.9939	0.0001
2024-01-19T11:01:28	1	0	2	2	0	1.0409	1.0404	-0.0006	0.996	0.9959	0.0001
2024-01-19T11:01:41	1	0	76	76	0	0.9206	0.9208	0.0002	0.9895	0.9895	0.0000
2024-01-19T11:03:38	1	0	2	2	0	1.0484	1.0472	-0.0012	-0.9937	-0.994	0.0003
2024-01-19T11:04:08	1	0	2	2	0	1.0313	1.0312	-0.0002	-0.9989	-0.999	0.0001
2024-01-19T11:04:49	4	0	6	5	1	1.0516	1.0499	-0.0016	0.9965	0.9963	0.0002
2024-01-19T11:04:55	2	0	19	18	1	1.0537	1.0532	-0.0005	0.9559	0.9545	0.0014
2024-01-19T11:05:23	1	0	1	1	0	1.0334	1.0327	-0.0007	0.9892	0.9892	0.0000
2024-01-19T11:05:30	2	0	9	9	0	1.0312	1.0313	0.0001	0.9977	0.9978	-0.0001
2024-01-19T11:06:31	2	0	3	3	0	1.0287	1.0291	0.0004	-1	-1	0.0000
2024-01-19T11:06:42	4	0	13	12	1	1.0499	1.0485	-0.0014	-0.9991	-0.9992	0.0001
2024-01-19T11:06:54	1	0	1	1	0	0.9396	0.9431	0.0035	0.9988	0.9992	-0.0004
2024-01-19T11:08:27	4	0	1	0	1	0.9448	null	null	0.9985	0.9986	-0.0001
2024-01-19T11:10:51	1	0	1	1	0	1.0377	1.0373	-0.0004	0.9695	0.9694	0.0001
2024-01-19T11:11:49	4	0	4	4	0	1.0041	1.0041	0.0000	0.9503	0.9516	-0.0013
2024-01-19T11:12:56	1	0	291	298	-7	1.0627	1.0626	-0.0002	-0.9912	-0.9911	-0.0001
2024-01-19T11:14:30	1	0	15	15	0	1.0545	1.0545	0.0000	0.9987	0.9987	0.0000
2024-01-19T11:16:13	3	0	77	75	2	0.9347	0.9355	0.0008	0.9834	0.9832	0.0002
2024-01-19T11:16:58	1	0	73	70	3	1.0538	1.0536	-0.0002	-0.995	-0.995	0.0000
2024-01-19T11:17:17	4	0	6	6	0	1.0237	1.0236	-0.0001	0.9995	0.9995	0.0000
2024-01-19T11:17:23	3	0	33	29	4	1.0549	1.0542	-0.0007	0.9898	0.9897	0.0001
2024-01-19T11:17:26	1	0	8	7	1	0.9831	0.9712	-0.0119	0.9832	0.9832	0.0000
2024-01-19T11:17:28	7	0	104	103	1	1.0551	1.0550	0.0000	0.982	0.982	0.0000
2024-01-19T11:17:55	2	0	21	19	2	1.0528	1.0523	-0.0005	0.9674	0.9674	0.0000
2024-01-19T11:18:30	1	0	100	100	0	0.9554	0.9554	0.0000	0.9884	0.9885	-0.0001
2024-01-19T11:19:05	4	0	3	3	0	1.0402	1.0395	-0.0007	0.9992	0.9992	0.0000
2024-01-19T11:19:56	1	0	17	16	1	1.0532	1.0530	-0.0002	0.9546	0.9538	0.0008
2024-01-19T11:20:06	1	0	4	4	0	1.0380	1.0378	-0.0002	0.9973	0.9973	0.0000
2024-01-19T11:20:31	1	0	16	15	1	1.0404	1.0417	0.0013	0.9972	0.9972	0.0000
2024-01-19T11:20:34	5	0	12	9	3	1.0545	1.0497	-0.0049	0.9908	0.9907	0.0001
2024-01-19T11:20:55	3	0	2	2	0	1.0684	1.0675	-0.0010	-0.9037	-0.9083	0.0046
2024-01-19T11:21:16	2	0	3	3	0	1.0391	1.0389	-0.0002	0.9969	0.9969	0.0000
2024-01-19T11:21:51	1	0	10	10	0	1.0501	1.0501	0.0000	-0.9993	-0.9993	0.0000
2024-01-19T11:22:52	3	0	2	2	0	1.0143	1.0143	0.0000	0.9868	0.9867	0.0001
2024-01-19T11:26:12	1	0	4	5	-1	1.0234	1.0220	-0.0014	0.9956	0.9946	0.0010
2024-01-19T11:26:45	3	0	1	1	0	0.9413	0.9423	0.0010	0.9849	0.985	-0.0001
2024-01-19T11:26:52	1	0	12	13	-1	1.0471	1.0469	-0.0002	-0.9985	-0.9986	0.0001
2024-01-19T11:28:41	3	0	28	26	2	1.0543	1.0541	-0.0002	-0.9991	-0.9992	0.0001
2024-01-19T11:29:31	6	0	29	29	0	1.0548	1.0548	0.0000	0.9988	0.9987	0.0001
2024-01-19T11:31:15	12	0	6	7	-1	1.0263	1.0265	0.0002	0.9996	0.9996	0.0000
2024-01-19T11:32:29	5	0	73	70	3	1.0538	1.0537	-0.0001	0.9804	0.9803	0.0001
2024-01-19T11:32:31	8	0	23	22	1	1.0524	1.0521	-0.0004	0.989	0.989	0.0000
2024-01-19T11:33:40	2	0	13	13	0	1.0484	1.0480	-0.0004	-0.9942	-0.9944	0.0002
2024-01-19T11:34:23	1	0	1	1	0	1.0401	1.0401	0.0000	-0.9984	-0.9984	0.0000
2024-01-19T11:34:27	1	0	2	2	0	1.0253	1.0247	-0.0006	0.982	0.9834	-0.0014
2024-01-19T11:34:57	3	0	18	18	0	1.0535	1.0534	-0.0001	0.9574	0.9569	0.0005
2024-01-19T11:35:59	3	0	2	2	0	1.0684	1.0683	-0.0002	-0.8915	-0.8919	0.0004
2024-01-19T11:36:33	4	0	2	3	-1	1.0403	1.0452	0.0049	-1	-1	0.0000
2024-01-19T11:36:58	5	0	18	17	1	1.0496	1.0487	-0.0009	-0.9994	-0.9994	0.0000
2024-01-19T11:41:53	3	0	20	20	0	1.0512	1.0512	0.0000	1	0.9999	0.0001
2024-01-19T11:45:20	4	0	2	3	-1	0.9501	0.9480	-0.0021	0.975	0.9749	0.0001
2024-01-19T11:45:47	1	0	2	3	-1	0.9639	0.9574	-0.0065	0.9967	0.9967	0.0000
2024-01-19T11:48:08	2	0	2	0	2	1.0552	null	null	0.9794	0.9794	0.0000
2024-01-19T11:48:41	2	0	5	5	0	1.0505	1.0499	-0.0006	-0.9957	-0.9959	0.0002
2024-01-19T11:49:28	1	0	2	2	0	1.0207	1.0203	-0.0005	0.9802	0.9818	-0.0016
2024-01-19T11:49:52	3	0	6	7	-1	1.0520	1.0527	0.0007	0.9961	0.9962	-0.0001
2024-01-19T11:50:50	2	0	11	10	1	1.0549	1.0499	-0.0050	0.9915	0.9914	0.0001
2024-01-19T11:51:18	2	0	3	4	-1	1.0449	1.0412	-0.0037	0.9964	0.9965	-0.0001
2024-01-19T11:51:34	4	0	2	3	-1	1.0401	1.0452	0.0051	-1	-1	0.0000
2024-01-19T11:52:54	2	0	1	1	0	1.0151	1.0151	0.0000	0.9876	0.9875	0.0001
2024-01-19T11:56:54	1	0	9	10	-1	1.0476	1.0474	-0.0003	-0.9962	-0.9962	0.0000
2024-01-19T12:00:21	4	0	1	2	-1	1.0554	1.0074	-0.0480	0.9795	0.9794	0.0001
2024-01-19T12:14:54	1	0	7	6	1	1.0547	1.0533	-0.0014	0.9843	0.9842	0.0001
2024-01-19T12:18:43	2	0	8	8	0	1.0500	1.0498	-0.0002	-0.9949	-0.9949	0.0000
2024-01-19T12:22:50	1	0	1	1	0	1.0564	1.0564	0.0000	0.9927	0.9926	0.0001
2024-01-19T12:26:56	3	0	1	2	-1	0.9420	0.9432	0.0012	0.9916	0.9845	0.0071
2024-01-19T12:26:56	1	0	7	5	2	1.0481	1.0459	-0.0022	-0.998	-0.998	0.0000
2024-01-19T12:28:45	3	0	1	1	0	1.1036	1.1036	0.0000	0.9998	0.9998	0.0000
2024-01-19T12:29:31	1	0	15	14	1	1.0531	1.0528	-0.0003	-0.9995	-0.9995	0.0000
2024-01-19T12:30:22	1	0	60	59	1	1.0493	1.0491	-0.0001	0.9976	0.9976	0.0000
2024-01-19T12:34:31	1	0	1	1	0	1.0260	1.0260	0.0000	0.982	0.9815	0.0005
2024-01-19T12:37:06	4	0	9	10	-1	1.0499	1.0491	-0.0009	-0.9988	-0.9988	0.0000
2024-01-19T13:04:00	2	0	1	0	1	1.0553	null	null	0.9667	0.9667	0.0000
2024-01-19T13:06:23	2	0	8	8	0	1.0454	1.0453	0.0000	0.9929	0.9929	0.0000

2024-01-19T13:08:20	13	0	327	318	9	1.0624	1.0623	-0.0001	-0.9916	-0.9916	0.0000
2024-01-19T13:15:25	1	0	79	79	0	1.0505	1.0504	-0.0001	0.9949	0.9949	0.0000
2024-01-19T13:16:22	11	0	7	8	-1	1.0270	1.0294	0.0025	0.9996	0.9996	0.0000
2024-01-19T13:23:21	1	0	197	192	5	1.0608	1.0608	0.0000	-0.9908	-0.9908	0.0000
2024-01-19T13:26:20	1	0	8	9	-1	1.0338	1.0362	0.0024	0.9851	0.9851	0.0000
2024-01-19T13:26:42	1	0	26	26	0	1.0526	1.0522	-0.0003	0.9979	0.9976	0.0003
2024-01-19T13:28:09	1	0	142	141	1	1.0568	1.0568	-0.0001	0.9962	0.9962	0.0000
2024-01-19T13:29:23	2	0	140	139	1	1.0591	1.0590	-0.0001	-0.9997	-0.9997	0.0000
2024-01-19T13:29:35	3	0	149	145	4	1.0575	1.0575	-0.0001	0.9977	0.9977	0.0000
2024-01-19T13:30:26	2	0	165	164	1	1.0553	1.0552	-0.0001	0.9945	0.9945	0.0000
2024-01-19T13:32:28	1	0	58	58	0	1.0470	1.0469	-0.0001	-0.9998	-0.9998	0.0000
2024-01-19T13:33:15	1	0	5	4	1	1.0531	1.0515	-0.0016	0.9789	0.9788	0.0001
2024-01-19T13:33:48	1	0	26	22	4	1.0529	1.0519	-0.0010	-0.9925	-0.9926	0.0001
2024-01-19T13:37:24	1	0	6	5	1	1.0537	1.0526	-0.0011	-0.9999	-0.9999	0.0000
2024-01-19T13:38:22	11	0	375	363	12	1.0636	1.0635	-0.0001	-0.9916	-0.9917	0.0001
2024-01-19T13:42:01	1	0	3	3	0	1.0489	1.0488	-0.0001	-0.9999	-0.9999	0.0000
2024-01-19T13:42:46	1	0	17	16	1	1.0482	1.0477	-0.0005	-1	-1	0.0000
2024-01-19T13:42:55	1	0	20	19	1	1.0493	1.0488	-0.0005	0.9989	0.9988	0.0001
2024-01-19T13:45:00	1	0	18	18	0	1.0551	1.0545	-0.0006	0.9831	0.983	0.0001
2024-01-19T13:45:30	4	0	179	177	2	1.0556	1.0555	-0.0001	0.9944	0.9943	0.0001
2024-01-19T13:46:24	2	0	23	23	0	1.0425	1.0425	0.0000	0.9998	0.9998	0.0000
2024-01-19T13:47:36	3	0	5	4	1	1.0436	1.0361	-0.0075	0.9905	0.9904	0.0001
2024-01-19T13:47:38	5	0	66	65	1	1.0534	1.0534	0.0000	0.9809	0.9809	0.0000
2024-01-19T13:48:49	1	0	22	19	3	1.0508	1.0498	-0.0010	-0.9944	-0.9946	0.0002
2024-01-19T13:52:29	1	0	7	7	0	1.0532	1.0532	0.0000	-0.9999	-0.9999	0.0000
2024-01-19T13:53:23	4	0	390	384	6	1.0633	1.0633	0.0000	-0.9901	-0.9901	0.0000
2024-01-19T14:00:29	4	0	1	1	0	1.0080	1.0064	-0.0016	0.9819	0.9816	0.0003
2024-01-19T14:01:25	1	0	19	19	0	1.0391	1.0390	0.0000	0.9997	0.9997	0.0000
2024-01-19T14:03:50	2	0	23	18	5	1.0523	1.0511	-0.0012	-0.9947	-0.9949	0.0002
2024-01-19T14:04:16	8	0	13	12	1	1.0451	1.0449	-0.0002	0.9974	0.9973	0.0001
2024-01-19T14:05:35	3	0	3	3	0	1.0356	1.0356	0.0000	0.9967	0.9967	0.0000
2024-01-19T14:07:36	1	0	4	4	0	1.0514	1.0507	-0.0007	-1	-1	0.0000
2024-01-19T14:08:10	1	0	2	2	0	1.0206	1.0206	0.0000	0.9901	0.9898	0.0003
2024-01-19T14:08:37	2	0	205	202	3	1.0609	1.0609	0.0000	-0.9904	-0.9903	-0.0001
2024-01-19T14:10:31	3	0	32	31	1	1.0528	1.0527	-0.0001	0.9914	0.9914	0.0000
2024-01-19T14:11:23	1	0	8	8	0	1.0377	1.0376	-0.0001	0.9851	0.985	0.0001
2024-01-19T14:12:00	5	0	1	1	0	1.0242	1.0239	-0.0003	0.9806	0.9805	0.0001
2024-01-19T14:13:36	2	0	11	11	0	0.9508	0.9508	0.0000	-0.9982	-0.9981	-0.0001
2024-01-19T14:14:48	2	0	9	9	0	1.0512	1.0511	-0.0001	-0.9996	-0.9997	0.0001
2024-01-19T14:14:49	1	0	82	81	1	1.0521	1.0521	-0.0001	-0.9982	-0.9982	0.0000
2024-01-19T14:15:30	10	0	3	2	1	1.0045	1.0012	-0.0033	0.9841	0.9836	0.0005
2024-01-19T14:15:39	3	0	144	142	2	1.0540	1.0539	-0.0001	0.9864	0.9864	0.0000
2024-01-19T14:16:26	12	0	23	23	0	1.0441	1.0438	-0.0003	0.9998	0.9998	0.0000
2024-01-19T14:17:38	1	0	2	3	-1	0.9882	1.0105	0.0223	0.9908	0.9907	0.0001
2024-01-19T14:18:42	2	0	107	92	15	0.9458	0.9293	-0.0165	0.9891	0.9765	0.0126
2024-01-19T14:18:51	2	0	27	25	2	1.0534	1.0522	-0.0012	-0.9929	-0.9932	0.0003
2024-01-19T14:19:23	7	0	17	15	2	1.0504	1.0489	-0.0016	0.9976	0.9974	0.0002
2024-01-19T14:20:03	4	0	17	16	1	1.0560	1.0559	-0.0001	0.9983	0.9983	0.0000
2024-01-19T14:20:08	1	0	35	35	0	1.0558	1.0557	-0.0001	0.9729	0.9723	0.0006
2024-01-19T14:21:44	3	0	8	8	0	1.0486	1.0485	-0.0001	0.9992	0.9992	0.0000
2024-01-19T14:22:43	2	0	11	11	0	1.0498	1.0497	-0.0001	-0.9996	-0.9997	0.0001
2024-01-19T14:23:37	6	0	302	297	5	1.0626	1.0626	0.0000	-0.9901	-0.9901	0.0000
2024-01-19T14:25:11	2	0	42	41	1	1.0477	1.0475	-0.0002	0.9985	0.9985	0.0000
2024-01-19T14:27:01	1	0	1	1	0	1.0226	1.0226	0.0000	0.9799	0.9799	0.0000
2024-01-19T14:27:04	5	0	55	45	10	0.9555	0.9602	0.0046	0.9493	0.9497	-0.0004
2024-01-19T14:27:04	1	0	3	3	0	1.0495	1.0494	-0.0001	-0.9998	-0.9998	0.0000
2024-01-19T14:28:17	1	0	2	2	0	1.0681	1.0680	-0.0002	0.9882	0.9881	0.0001
2024-01-19T14:28:37	2	0	16	16	0	0.9462	0.9463	0.0000	-0.9984	-0.9984	0.0000
2024-01-19T14:28:56	2	0	12	12	0	1.0449	1.0450	0.0000	0.9909	0.9908	0.0001
2024-01-19T14:29:22	4	0	4	5	-1	0.9943	0.9844	-0.0099	-0.9993	-0.9993	0.0000
2024-01-19T14:29:49	2	0	10	10	0	1.0515	1.0514	0.0000	-0.9993	-0.9993	0.0000
2024-01-19T14:30:31	6	0	1	1	0	1.0067	1.0059	-0.0008	0.9837	0.9835	0.0002
2024-01-19T14:30:40	2	0	142	140	2	1.0536	1.0536	0.0000	0.9871	0.9871	0.0000
2024-01-19T14:31:34	12	0	21	20	1	1.0422	1.0418	-0.0004	0.9999	0.9998	0.0001
2024-01-19T14:32:32	1	0	46	44	2	1.0464	1.0462	-0.0002	-0.9998	-0.9998	0.0000
2024-01-19T14:32:51	6	0	31	31	0	1.0508	1.0506	-0.0003	0.9887	0.9886	0.0001
2024-01-19T14:33:43	3	0	108	103	5	0.9530	0.9538	0.0009	0.9883	0.9882	0.0001
2024-01-19T14:33:52	2	0	32	28	4	1.0540	1.0521	-0.0019	-0.993	-0.9934	0.0004
2024-01-19T14:34:32	9	0	17	15	2	1.0484	1.0466	-0.0018	0.9977	0.9976	0.0001
2024-01-19T14:34:35	1	0	2	2	0	1.0297	1.0296	-0.0002	-0.9993	-0.9993	0.0000
2024-01-19T14:35:04	4	0	20	17	3	1.0562	1.0562	-0.0001	0.9985	0.9985	0.0000
2024-01-19T14:35:09	3	0	31	31	0	1.0553	1.0552	-0.0001	0.9698	0.9688	0.0010
2024-01-19T14:35:19	2	0	14	13	1	1.0515	1.0510	-0.0004	0.9977	0.9975	0.0002
2024-01-19T14:35:47	2	0	3	3	0	1.0381	1.0379	-0.0002	-0.9997	-0.9997	0.0000
2024-01-19T14:36:07	2	0	1	0	1	1.0453	null	null	0.9981	0.998	0.0001
2024-01-19T14:36:14	4	0	9	9	0	1.0512	1.0507	-0.0005	-0.9706	-0.974	0.0034
2024-01-19T14:36:29	2	0	6	6	0	1.0422	1.0422	0.0000	0.9867	0.9868	-0.0001
2024-01-19T14:36:45	1	0	4	4	0	1.0378	1.0377	-0.0001	0.9995	0.9995	0.0000
2024-01-19T14:38:38	6	0	330	323	7	1.0630	1.0629	-0.0001	-0.9904	-0.9904	0.0000
2024-01-19T14:40:47	3	0	123	122	1	0.9346	0.9346	0.0000	0.9949	0.9948	0.0001
2024-01-19T14:40:49	2	0	9	9	0	0.9940	0.9940	0.0000	0.9785	0.9785	0.0000
2024-01-19T14:41:35	2	0	5	5	0	1.0274	1.0273	-0.0001	0.99	0.9899	0.0001
2024-01-19T14:42:02	1	0	1	1	0	1.0267	1.0267	0.0000	0.9821	0.9821	0.0000
2024-01-19T14:42:05	2	0	46	43	3	1.0558	1.0558	0.0000	-0.9999	-0.9999	0.0000
2024-01-19T14:42:08	1	0	1	1	0	1.0190	1.0165	-0.0025	0.9237	0.9237	0.0000

2024-01-19T14:43:00	5	0	35	32	3	1.0515	1.0511	-0.0004	0.9991	0.999	0.0001
2024-01-19T14:43:18	1	0	2	2	0	1.0688	1.0688	0.0000	0.9891	0.989	0.0001
2024-01-19T14:43:38	2	0	1	1	0	0.9951	0.9950	-0.0001	-0.997	-0.997	0.0000
2024-01-19T14:43:57	3	0	10	10	0	1.0416	1.0415	-0.0001	0.9901	0.99	0.0001
2024-01-19T14:44:23	1	0	2	2	0	1.0496	1.0496	0.0000	-0.9991	-0.9991	0.0000
2024-01-19T14:44:44	6	0	22	22	0	1.0524	1.0523	-0.0001	0.9987	0.9987	0.0000
2024-01-19T14:44:50	2	0	20	20	0	1.0524	1.0524	0.0000	-0.999	-0.999	0.0000
2024-01-19T14:45:04	1	0	7	7	0	1.0504	1.0503	-0.0001	0.9864	0.9864	0.0000
2024-01-19T14:45:32	3	0	1	1	0	1.0075	1.0074	-0.0001	0.9755	0.9755	0.0000
2024-01-19T14:46:46	1	0	23	23	0	1.0424	1.0422	-0.0002	0.9997	0.9996	0.0001
2024-01-19T14:47:40	2	0	5	6	-1	1.0155	1.0219	0.0065	0.9907	0.9907	0.0000
2024-01-19T14:47:57	1	0	33	32	1	1.0516	1.0513	-0.0003	0.9888	0.9888	0.0000
2024-01-19T14:48:44	1	0	107	107	0	0.9666	0.9666	0.0000	0.9898	0.9896	0.0002
2024-01-19T14:48:53	1	0	29	25	4	1.0542	1.0514	-0.0028	-0.9945	-0.9948	0.0003
2024-01-19T14:49:00	1	0	6	6	0	1.0518	1.0517	-0.0001	0.997	0.997	0.0000
2024-01-19T14:49:19	1	0	1	1	0	1.0165	1.0161	-0.0004	0.9897	0.9896	0.0001
2024-01-19T14:49:37	1	0	7	7	0	1.0380	1.0380	-0.0001	0.9856	0.9855	0.0001
2024-01-19T14:49:40	1	0	2	2	0	1.0290	1.0289	-0.0002	0.9811	0.983	-0.0019
2024-01-19T14:50:10	1	0	44	43	1	1.0569	1.0568	-0.0001	0.9713	0.9717	-0.0004
2024-01-19T14:50:23	2	0	5	4	1	1.0257	1.0223	-0.0034	-0.9986	-0.9988	0.0002
2024-01-19T14:50:45	11	0	35	34	1	1.0549	1.0546	-0.0003	0.9971	0.9968	0.0003
2024-01-19T14:51:11	1	0	5	5	0	1.0546	1.0475	-0.0072	0.992	0.9919	0.0001
2024-01-19T14:51:46	3	0	9	9	0	0.9899	0.9900	0.0001	0.9946	0.9947	-0.0001
2024-01-19T14:52:44	4	0	13	11	2	1.0502	1.0487	-0.0015	-0.9999	-1	0.0001
2024-01-19T14:53:26	1	0	7	7	0	1.0297	1.0296	0.0000	0.9964	0.9964	0.0000
2024-01-19T14:55:42	3	0	11	10	1	1.0415	1.0410	-0.0005	0.9998	0.9997	0.0001
2024-01-19T14:56:00	1	0	107	107	0	0.9358	0.9358	0.0000	0.9958	0.9947	0.0011
2024-01-19T14:57:15	1	0	45	45	0	1.0488	1.0488	0.0000	-0.9972	-0.9973	0.0001
2024-01-19T14:58:00	1	0	53	50	3	1.0507	1.0504	-0.0003	0.9993	0.9993	0.0000
2024-01-19T14:59:45	1	0	26	26	0	1.0536	1.0535	0.0000	0.9993	0.9993	0.0000
2024-01-19T15:00:56	1	0	2	2	0	1.0455	1.0454	-0.0002	0.9978	0.9978	0.0000
2024-01-19T15:01:28	2	0	48	44	4	1.0566	1.0559	-0.0007	0.9851	0.9848	0.0003
2024-01-19T15:02:01	3	0	3	3	0	1.0348	1.0345	-0.0003	0.9885	0.9874	0.0011
2024-01-19T15:03:54	1	0	25	23	2	1.0520	1.0508	-0.0012	-0.9938	-0.9941	0.0003
2024-01-19T15:04:41	1	0	3	3	0	1.0425	1.0417	-0.0008	0.9947	0.9945	0.0002
2024-01-19T15:05:11	1	0	42	42	0	1.0573	1.0571	-0.0001	0.972	0.9724	-0.0004
2024-01-19T15:05:23	1	0	13	13	0	1.0519	1.0519	0.0000	0.9975	0.9975	0.0000
2024-01-19T15:07:12	1	0	1	0	1	1.0118	null	null	-0.9949	-0.9951	0.0002
2024-01-19T15:08:43	5	0	3	2	1	0.9427	0.9431	0.0003	0.9989	0.999	-0.0001
2024-01-19T15:09:40	1	0	94	94	0	1.0424	1.0424	0.0000	0.972	0.972	0.0000
2024-01-19T15:11:02	1	0	83	77	6	0.9381	0.9386	0.0005	1	1	0.0000
2024-01-19T15:12:04	4	0	1	1	0	0.9782	0.9786	0.0004	0.9808	0.9809	-0.0001
2024-01-19T15:12:07	1	0	34	34	0	1.0541	1.0541	0.0000	-0.9999	-0.9999	0.0000
2024-01-19T15:14:06	1	0	10	10	0	0.9695	0.9695	0.0000	0.9959	0.9959	0.0000
2024-01-19T15:14:46	1	0	15	15	0	1.0509	1.0509	0.0000	0.9987	0.9987	0.0000
2024-01-19T15:15:06	1	0	3	3	0	1.0533	1.0533	0.0000	0.9874	0.9874	0.0000
2024-01-19T15:15:34	4	0	1	1	0	1.0040	1.0036	-0.0004	0.9789	0.9788	0.0001
2024-01-19T15:18:55	1	0	25	22	3	1.0518	1.0507	-0.0011	-0.9943	-0.9945	0.0002
2024-01-19T15:20:12	1	0	39	39	0	1.0565	1.0564	-0.0001	0.9683	0.9687	-0.0004
2024-01-19T15:21:10	4	0	1	0	1	1.0456	null	null	0.9972	0.997	0.0002
2024-01-19T15:22:13	1	0	1	0	1	1.0131	null	null	-0.9971	-0.9973	0.0002
2024-01-19T15:22:46	1	0	10	9	1	1.0489	1.0475	-0.0014	-1	-1	0.0000
2024-01-19T15:28:41	2	0	760	758	2	1.0694	1.0693	-0.0001	0.9813	0.9828	-0.0015
2024-01-19T15:29:07	1	0	4	4	0	0.9936	0.9936	-0.0001	0.9965	0.9965	0.0000
2024-01-19T15:29:47	1	0	14	14	0	1.0507	1.0507	0.0000	0.9987	0.9986	0.0001
2024-01-19T15:31:43	1	0	1	1	0	1.0183	1.0179	-0.0004	-0.9946	-0.9947	0.0001
2024-01-19T15:31:57	2	0	6	6	0	1.0265	1.0265	-0.0001	0.9997	0.9996	0.0001
2024-01-19T15:33:56	1	0	48	34	14	1.0560	1.0540	-0.0020	-0.9934	-0.9936	0.0002
2024-01-19T15:35:08	2	0	12	12	0	1.0522	1.0522	0.0000	0.9978	0.9978	0.0000
2024-01-19T15:35:48	2	0	29	29	0	1.0469	1.0468	-0.0001	0.9978	0.9978	0.0000
2024-01-19T15:36:36	1	0	1	0	1	1.0831	null	null	0.9914	0.9914	0.0000
2024-01-19T15:38:24	3	0	1	1	0	0.9588	0.9597	0.0009	0.9821	0.9821	0.0000
2024-01-19T15:39:42	1	0	104	104	0	1.0306	1.0306	0.0000	0.9734	0.9734	0.0000
2024-01-19T15:40:10	1	0	73	73	0	1.0596	1.0596	0.0000	0.9834	0.9834	0.0000
2024-01-19T15:43:18	1	0	55	53	2	1.0530	1.0529	-0.0001	0.9891	0.9891	0.0000
2024-01-19T15:44:48	1	0	22	22	0	1.0529	1.0529	0.0000	0.9987	0.9987	0.0000
2024-01-19T15:45:03	2	0	67	66	1	1.0548	1.0548	-0.0001	-0.9991	-0.9991	0.0000
2024-01-19T15:46:03	1	0	3	3	0	0.9814	0.9818	0.0003	0.9977	0.9977	0.0000
2024-01-19T15:46:58	1	0	6	6	0	1.0269	1.0269	0.0000	0.9998	0.9998	0.0000
2024-01-19T15:47:44	1	0	2	4	-2	1.0349	0.9889	-0.0460	0.9867	0.9867	0.0000
2024-01-19T15:48:21	4	0	27	27	0	1.0488	1.0487	-0.0001	0.9892	0.9891	0.0001
2024-01-19T15:48:57	1	0	21	19	2	1.0510	1.0500	-0.0010	-0.9945	-0.9947	0.0002
2024-01-19T15:50:49	3	0	34	34	0	1.0487	1.0486	-0.0001	0.9981	0.9981	0.0000
2024-01-19T15:51:12	4	0	5	4	1	1.0464	1.0459	-0.0005	0.9979	0.9976	0.0003
2024-01-19T15:51:22	1	0	4	4	0	1.0519	1.0519	0.0000	-0.9621	-0.9621	0.0000
2024-01-19T15:51:46	1	0	5	5	0	1.0526	1.0486	-0.0041	0.9919	0.9919	0.0000
2024-01-19T15:54:43	1	0	103	103	0	1.0394	1.0394	0.0000	0.9737	0.9737	0.0000
2024-01-19T15:55:11	1	0	68	64	4	1.0598	1.0598	-0.0001	0.9831	0.9831	0.0000
2024-01-19T15:58:05	1	0	50	49	1	1.0503	1.0501	-0.0002	0.9991	0.9991	0.0000
2024-01-19T16:03:28	4	0	24	23	1	1.0466	1.0464	-0.0001	0.9898	0.9898	0.0000
2024-01-19T16:05:04	1	0	3	3	0	1.0383	1.0378	-0.0004	0.9942	0.9941	0.0001
2024-01-19T16:06:15	4	0	2	3	-1	1.0462	1.0457	-0.0005	0.9978	0.9976	0.0002
2024-01-19T16:07:53	1	0	6	6	0	1.0446	1.0446	0.0000	-0.9999	-0.9999	0.0000
2024-01-19T16:14:04	1	0	14	14	0	1.0462	1.0462	0.0000	0.9911	0.9893	0.0018
2024-01-19T16:17:01	1	0	19	19	0	1.0407	1.0407	0.0000	0.9996	0.9996	0.0000

2024-01-19T16:17:46	1	0	3	4	-1	1.0309	1.0095	-0.0215	0.987	0.987	0.0000
2024-01-19T16:19:00	1	0	6	6	0	1.0483	1.0479	-0.0004	-0.9959	-0.9961	0.0002
2024-01-19T16:19:38	3	0	1	1	0	0.9435	0.9442	0.0007	0.9944	0.9944	0.0000
2024-01-19T16:20:44	1	0	5	5	0	1.0409	1.0408	-0.0001	0.999	0.999	0.0000
2024-01-19T16:20:51	3	0	38	36	2	1.0581	1.0579	-0.0002	0.9971	0.9971	0.0000
2024-01-19T16:26:07	1	0	131	130	1	0.9258	0.9267	0.0009	0.9997	0.9997	0.0000
2024-01-19T16:29:51	1	0	20	19	1	1.0518	1.0521	0.0003	0.9987	0.9986	0.0001
2024-01-19T16:32:01	2	0	21	21	0	1.0409	1.0409	0.0000	0.9995	0.9995	0.0000
2024-01-19T16:34:00	1	0	8	8	0	1.0487	1.0484	-0.0003	-0.9948	-0.995	0.0002
2024-01-19T16:34:02	1	0	14	14	0	0.9873	0.9873	0.0000	0.9769	0.9769	0.0000
2024-01-19T16:38:49	1	0	26	26	0	0.9409	0.9409	0.0000	0.9985	0.9985	0.0000
2024-01-19T16:44:31	2	0	51	51	0	0.9405	0.9405	0.0000	-0.9994	-0.9994	0.0000
2024-01-19T16:47:15	1	0	55	55	0	0.9382	0.9383	0.0000	0.9978	0.9978	0.0000
2024-01-19T16:49:01	1	0	8	8	0	1.0481	1.0479	-0.0002	-0.9959	-0.996	0.0001
2024-01-19T16:49:03	1	0	24	23	1	0.9562	0.9564	0.0002	0.9758	0.9758	0.0000
2024-01-19T16:52:20	1	0	51	51	0	0.9960	0.9960	0.0000	0.9885	0.9883	0.0002
2024-01-19T17:00:42	1	0	1	1	0	1.0098	1.0098	0.0000	0.9798	0.9797	0.0001
2024-01-19T17:05:32	1	0	33	33	0	0.9406	0.9406	0.0000	-1	-1	0.0000
2024-01-19T17:07:21	1	0	131	129	2	1.0023	1.0023	0.0001	0.9882	0.988	0.0002
2024-01-19T17:12:12	1	0	1	1	0	0.9738	0.9738	0.0000	0.981	0.981	0.0000
2024-01-19T17:13:48	1	0	728	728	0	1.0689	1.0689	0.0000	0.983	0.9846	-0.0016
2024-01-19T17:17:04	1	0	10	10	0	1.0276	1.0276	0.0000	0.9991	0.9991	0.0000
2024-01-19T17:17:41	3	0	137	131	6	0.9405	0.9407	0.0002	0.9959	0.9959	0.0000
2024-01-19T17:19:05	1	0	16	15	1	0.9528	0.9536	0.0007	0.978	0.978	0.0000
2024-01-19T17:26:48	1	0	8	8	0	1.0327	1.0327	0.0000	0.9882	0.9882	0.0000
2024-01-19T17:28:49	1	0	713	713	0	1.0675	1.0675	0.0000	0.9859	0.986	-0.0001
2024-01-19T17:34:06	1	0	17	17	0	0.9522	0.9522	0.0000	0.9758	0.9758	0.0000
2024-01-19T17:52:24	1	0	75	75	0	0.9917	0.9917	0.0000	0.9836	0.9834	0.0002
2024-01-19T17:58:51	1	0	719	719	0	1.0680	1.0680	0.0000	0.9826	0.9843	-0.0017
2024-01-19T18:00:12	1	0	14	13	1	0.9544	0.9553	0.0009	0.9928	0.9928	0.0000
2024-01-19T18:02:44	2	0	82	81	1	0.9447	0.9447	0.0000	0.9961	0.9961	0.0000
2024-01-19T18:07:25	1	0	57	57	0	0.9934	0.9935	0.0000	0.9848	0.9846	0.0002
2024-01-19T18:15:13	1	0	58	58	0	0.9435	0.9436	0.0001	0.9924	0.9925	-0.0001
2024-01-19T18:19:20	2	0	89	89	0	0.9325	0.9326	0.0001	0.9972	0.9972	0.0000
2024-01-19T18:22:26	3	0	86	84	2	0.9975	0.9975	0.0000	0.9885	0.9883	0.0002
2024-01-20T07:48:34	1	0	107	107	0	0.9293	0.9293	0.0001	0.9953	0.9951	0.0002
2024-01-20T07:51:43	3	0	110	110	0	0.9367	0.9367	0.0001	0.9987	0.9987	0.0000
2024-01-20T07:51:53	2	0	178	178	0	0.9007	0.9008	0.0001	0.9851	0.9852	-0.0001
2024-01-20T07:52:35	1	0	47	47	0	0.9371	0.9373	0.0002	0.9773	0.9776	-0.0003
2024-01-20T07:54:35	2	0	141	141	0	0.9111	0.9113	0.0002	0.9992	0.9992	0.0000
2024-01-20T07:58:11	1	0	112	112	0	0.9277	0.9278	0.0000	-0.9994	-0.9993	-0.0001
2024-01-20T07:59:32	2	0	75	75	0	0.9399	0.9400	0.0001	0.9984	0.9985	-0.0001
2024-01-20T08:02:03	4	0	326	326	0	0.9240	0.9241	0.0001	0.9989	0.9989	0.0000
2024-01-20T08:03:35	1	0	119	119	0	0.9303	0.9303	0.0000	0.9979	0.9978	0.0001
2024-01-20T08:09:15	1	0	264	264	0	0.9275	0.9276	0.0000	0.9743	0.9741	0.0002
2024-01-20T08:13:55	2	0	103	102	1	0.9310	0.9312	0.0002	-0.989	-0.9885	-0.0005
2024-01-20T08:17:04	2	0	274	273	1	0.9273	0.9274	0.0001	0.9994	0.9994	0.0000
2024-01-20T08:18:14	1	0	114	110	4	0.9285	0.9293	0.0007	0.9876	0.9877	-0.0001
2024-01-20T08:35:20	2	0	104	102	2	0.9377	0.9378	0.0001	0.9993	0.9992	0.0001
2024-01-20T08:43:12	2	0	350	349	1	1.0620	1.0620	0.0000	0.9984	0.9983	0.0001
2024-01-20T08:44:21	1	0	63	61	2	0.9403	0.9405	0.0001	0.9965	0.9967	-0.0002
2024-01-20T08:46:29	1	0	72	72	0	0.9275	0.9275	0.0001	-0.9999	-0.9998	-0.0001
2024-01-20T08:50:21	8	0	143	140	3	0.9334	0.9336	0.0003	0.9991	0.999	0.0001
2024-01-20T08:55:32	1	0	65	64	1	1.0560	1.0560	0.0000	1	1	0.0000
2024-01-20T08:57:14	1	0	37	36	1	0.9411	0.9410	-0.0001	-0.9996	-0.9996	0.0000
2024-01-20T09:01:25	1	0	1	1	0	0.9349	0.9349	0.0000	0.9868	0.9866	0.0002
2024-01-20T09:02:08	1	0	267	267	0	0.9306	0.9306	0.0000	0.9982	0.9982	0.0000
2024-01-20T09:03:17	1	0	111	111	0	0.9281	0.9281	0.0000	0.9874	0.9875	-0.0001
2024-01-20T09:03:39	1	0	99	99	0	0.9301	0.9301	0.0000	0.9977	0.9976	0.0001
2024-01-20T09:05:22	8	0	86	77	9	0.9479	0.9488	0.0009	0.9993	0.9993	0.0000
2024-01-20T09:05:37	1	0	6	6	0	1.0455	1.0455	0.0000	-0.9825	-0.9824	-0.0001
2024-01-20T09:06:48	3	0	78	78	0	0.9417	0.9419	0.0003	0.9994	0.9994	0.0000
2024-01-20T09:06:58	2	0	134	134	0	0.9111	0.9116	0.0004	0.9995	0.9995	0.0000
2024-01-20T09:07:40	1	0	50	49	1	0.9370	0.9372	0.0002	0.9762	0.9765	-0.0003
2024-01-20T09:09:18	1	0	218	218	0	0.9326	0.9327	0.0001	0.9739	0.9737	0.0002
2024-01-20T09:09:40	2	0	143	143	0	0.8984	0.8991	0.0007	0.9992	0.9992	0.0000
2024-01-20T09:12:31	1	0	28	21	7	1.0557	1.0555	-0.0003	-0.9875	-0.9887	0.0012
2024-01-20T09:12:42	1	0	230	228	2	1.0598	1.0597	-0.0001	-0.9983	-0.9983	0.0000
2024-01-20T09:12:56	3	0	2	2	0	1.0020	1.0024	0.0004	0.9877	0.9877	0.0000
2024-01-20T09:13:14	2	0	290	288	2	1.0605	1.0604	0.0000	0.992	0.9919	0.0001
2024-01-20T09:13:59	2	0	55	55	0	0.9365	0.9371	0.0006	-0.9899	-0.9897	-0.0002
2024-01-20T09:17:09	3	0	287	283	4	0.9306	0.9306	0.0000	0.9981	0.9981	0.0000
2024-01-20T09:18:18	1	0	122	121	1	0.9255	0.9256	0.0002	0.9871	0.9871	0.0000
2024-01-20T09:20:03	1	0	42	41	1	0.9389	0.9391	0.0002	-1	-1	0.0000
2024-01-20T09:20:23	4	0	96	91	5	0.9396	0.9401	0.0005	0.9995	0.9995	0.0000
2024-01-20T09:23:57	1	0	1	1	0	0.9634	0.9637	0.0003	0.9996	0.9996	0.0000
2024-01-20T09:24:46	1	0	50	49	1	1.0536	1.0535	-0.0001	0.9743	0.9743	0.0000
2024-01-20T09:27:43	3	0	224	223	1	1.0607	1.0609	0.0001	-0.9983	-0.9984	0.0001
2024-01-20T09:27:57	1	0	3	3	0	1.0185	1.0186	0.0001	0.9875	0.9875	0.0000
2024-01-20T09:28:15	4	0	442	437	5	1.0637	1.0637	0.0000	0.9994	0.9994	0.0000
2024-01-20T09:29:24	4	0	67	64	3	0.9334	0.9347	0.0014	0.9969	0.9973	-0.0004
2024-01-20T09:29:38	2	0	79	78	1	0.9336	0.9342	0.0006	0.9974	0.9975	-0.0001
2024-01-20T09:31:00	2	0	4	4	0	1.0212	1.0210	-0.0001	-0.9999	-0.9999	0.0000
2024-01-20T09:31:32	5	0	57	57	0	0.9312	0.9320	0.0008	-0.9994	-0.9993	-0.0001
2024-01-20T09:31:44	1	0	1	1	0	0.9589	0.9592	0.0003	0.9997	0.9997	0.0000

2024-01-20T09:32:22	1	0	10	10	0	0.9457	0.9460	0.0003	0.9924	0.9924	0.0000
2024-01-20T09:33:30	3	0	2	2	0	0.9595	0.9599	0.0004	0.9913	0.9914	-0.0001
2024-01-20T09:36:50	3	0	16	16	0	0.9520	0.9520	0.0000	0.9998	0.9998	0.0000
2024-01-20T09:37:48	2	0	5	5	0	0.9960	0.9962	0.0001	0.9972	0.9972	0.0000
2024-01-20T09:41:06	1	0	7	7	0	0.9857	0.9859	0.0002	0.9939	0.994	-0.0001
2024-01-20T09:41:42	3	0	5	5	0	0.9681	0.9682	0.0001	0.9942	0.9942	0.0000
2024-01-20T09:44:33	1	0	1	1	0	0.9763	0.9766	0.0003	0.9989	0.9989	0.0000
2024-01-20T09:45:46	1	0	1	1	0	1.0171	1.0162	-0.0009	0.9139	0.9597	-0.0458
2024-01-20T09:46:03	3	0	208	207	1	0.8921	0.8925	0.0003	0.9828	0.9826	0.0002
2024-01-20T09:46:33	2	0	57	57	0	0.9326	0.9329	0.0003	-0.9991	-0.9991	0.0000
2024-01-20T09:47:02	2	0	7	7	0	1.0357	1.0356	-0.0002	0.9984	0.9984	0.0000
2024-01-20T09:49:16	1	0	6	6	0	1.0206	1.0205	-0.0001	0.9906	0.9906	0.0000
2024-01-20T09:49:49	1	0	2	2	0	1.0209	1.0211	0.0002	0.9802	0.9808	-0.0006
2024-01-20T09:50:25	1	0	89	87	2	0.9475	0.9478	0.0002	0.9994	0.9994	0.0000
2024-01-20T09:54:21	4	0	231	227	4	0.9314	0.9313	-0.0001	0.9736	0.9738	-0.0002
2024-01-20T09:55:34	1	0	10	10	0	1.0105	1.0104	-0.0001	0.9918	0.9932	-0.0014
2024-01-20T09:57:18	2	0	14	13	1	0.9484	0.9491	0.0007	-0.9993	-0.9993	0.0000
2024-01-20T09:57:59	2	0	3	3	0	1.0263	1.0265	0.0002	0.9869	0.9869	0.0000
2024-01-20T09:58:17	1	0	281	280	1	1.0604	1.0604	0.0000	0.9973	0.9973	0.0000
2024-01-20T09:58:45	2	0	3	0	3	0.9439	null	null	0.9998	0.9998	0.0000
2024-01-20T10:00:15	3	0	3	0	3	0.9446	null	null	0.9806	0.9806	0.0000
2024-01-20T10:01:22	2	0	5	5	0	1.0014	1.0017	0.0003	-0.9894	-0.9893	-0.0001
2024-01-20T10:02:12	2	0	249	248	1	0.9307	0.9307	0.0000	0.9984	0.9984	0.0000
2024-01-20T10:02:12	3	0	3	3	0	1.0285	1.0273	-0.0012	0.9993	0.9993	0.0000
2024-01-20T10:05:06	3	0	9	8	1	0.9424	0.9428	0.0004	-1	-0.9999	-0.0001
2024-01-20T10:05:26	2	0	129	126	3	0.9356	0.9359	0.0003	0.9987	0.9987	0.0000
2024-01-20T10:06:52	2	0	30	28	2	0.9472	0.9475	0.0003	0.9998	0.9998	0.0000
2024-01-20T10:07:50	1	0	5	5	0	0.9937	0.9938	0.0001	0.9973	0.9975	-0.0002
2024-01-20T10:08:08	5	0	4	4	0	1.0213	1.0209	-0.0004	-0.9991	-0.9991	0.0000
2024-01-20T10:08:24	5	0	3	3	0	0.9418	0.9430	0.0012	0.9987	0.9988	-0.0001
2024-01-20T10:09:23	1	0	1	1	0	0.9766	0.9769	0.0003	0.9946	0.9947	-0.0001
2024-01-20T10:09:44	4	0	150	150	0	0.8950	0.8959	0.0009	0.9987	0.9988	-0.0001
2024-01-20T10:11:44	1	0	4	4	0	0.9968	0.9969	0.0001	0.9953	0.9953	0.0000
2024-01-20T10:12:35	1	0	1	0	1	1.0596	null	null	-0.9883	-0.9849	-0.0034
2024-01-20T10:13:20	2	0	44	42	2	0.9397	0.9393	-0.0004	-0.9982	-0.9981	-0.0001
2024-01-20T10:13:41	2	0	321	320	1	0.9246	0.9246	0.0001	0.9961	0.996	0.0001
2024-01-20T10:14:00	2	0	15	12	3	0.9424	0.9421	-0.0003	0.9991	0.9991	0.0000
2024-01-20T10:14:04	2	0	23	23	0	0.9464	0.9466	0.0002	-0.9879	-0.9879	0.0000
2024-01-20T10:16:03	2	0	5	5	0	1.0254	1.0252	-0.0002	-0.9998	-0.9998	0.0000
2024-01-20T10:16:23	1	0	4	4	0	1.0056	1.0054	-0.0002	-0.9893	-0.9894	0.0001
2024-01-20T10:17:18	2	0	4	4	0	1.0344	1.0335	-0.0010	0.9997	0.9996	0.0001
2024-01-20T10:17:23	2	0	47	48	-1	0.9328	0.9331	0.0003	0.9963	0.9963	0.0000
2024-01-20T10:18:44	3	0	1	1	0	0.9433	0.9441	0.0008	0.9965	0.9966	-0.0001
2024-01-20T10:20:27	3	0	103	100	3	0.9397	0.9398	0.0001	0.9992	0.9992	0.0000
2024-01-20T10:24:50	1	0	55	54	1	0.9614	0.9618	0.0003	0.9737	0.9738	-0.0001
2024-01-20T10:25:46	1	0	200	200	0	0.9262	0.9262	0.0000	0.962	0.9621	-0.0001
2024-01-20T10:30:17	3	0	1	0	1	0.9446	null	null	0.9796	0.9796	0.0000
2024-01-20T10:31:12	6	0	6	6	0	1.0177	1.0175	-0.0002	-0.9999	-0.9999	0.0000
2024-01-20T10:33:48	1	0	2	2	0	0.9882	0.9881	-0.0001	0.9952	0.995	0.0002
2024-01-20T10:35:41	1	0	86	86	0	0.9455	0.9456	0.0002	0.9849	0.985	-0.0001
2024-01-20T10:36:59	1	0	44	44	0	0.9600	0.9601	0.0001	0.9996	0.9997	-0.0001
2024-01-20T10:37:14	4	0	2	2	0	1.0303	1.0298	-0.0006	-0.9986	-0.9986	0.0000
2024-01-20T10:39:51	1	0	59	59	0	1.0101	1.0100	-0.0001	0.9731	0.9731	0.0000
2024-01-20T10:41:25	2	0	75	71	4	1.0569	1.0566	-0.0003	1	1	0.0000
2024-01-20T10:42:04	1	0	4	4	0	0.9993	0.9994	0.0002	0.9956	0.9956	0.0000
2024-01-20T10:42:37	1	0	73	63	10	0.9428	0.9434	0.0006	-0.993	-0.9929	-0.0001
2024-01-20T10:42:55	2	0	109	103	6	1.0571	1.0570	-0.0001	-0.9986	-0.9987	0.0001
2024-01-20T10:44:43	1	0	10	10	0	0.9589	0.9592	0.0003	0.9981	0.9982	-0.0001
2024-01-20T10:45:18	3	0	35	32	3	1.0478	1.0470	-0.0007	0.9999	0.9999	0.0000
2024-01-20T10:46:37	1	0	57	55	2	0.9334	0.9328	-0.0006	-0.9988	-0.9988	0.0000
2024-01-20T10:47:15	2	0	275	269	6	0.9311	0.9313	0.0002	0.9985	0.9985	0.0000
2024-01-20T10:47:54	3	0	12	10	2	1.0465	1.0446	-0.0019	0.981	0.9809	0.0001
2024-01-20T10:50:05	1	0	2	2	0	1.0191	1.0188	-0.0003	0.9958	0.9958	0.0000
2024-01-20T10:50:39	1	0	92	93	-1	1.0091	1.0191	0.0100	0.9983	0.9982	0.0001
2024-01-20T10:51:15	2	0	1	1	0	1.0216	1.0210	-0.0006	0.9946	0.9946	0.0000
2024-01-20T10:52:15	2	0	2	2	0	1.0288	1.0285	-0.0003	-0.9986	-0.9986	0.0000
2024-01-20T10:54:47	1	0	141	141	0	0.9113	0.9117	0.0003	0.999	0.999	0.0000
2024-01-20T10:55:38	1	0	7	7	0	1.0236	1.0235	-0.0001	0.9876	0.9876	0.0000
2024-01-20T10:57:59	2	0	127	123	4	1.0578	1.0576	-0.0002	-0.9981	-0.9982	0.0001
2024-01-20T10:58:04	1	0	3	3	0	1.0337	1.0336	-0.0001	0.988	0.988	0.0000
2024-01-20T10:58:22	1	0	24	18	6	0.9431	0.9431	0.0000	0.9924	0.9922	0.0002
2024-01-20T10:58:44	1	0	15	14	1	1.0530	1.0529	-0.0001	-0.9993	-0.9993	0.0000
2024-01-20T10:59:51	1	0	7	7	0	1.0463	1.0462	-0.0001	0.9857	0.9856	0.0001
2024-01-20T11:02:28	2	0	50	49	1	0.9424	0.9384	-0.0040	0.9969	0.9968	0.0001
2024-01-20T11:04:01	1	0	1	1	0	1.0380	1.0376	-0.0004	-0.9941	-0.9941	0.0000
2024-01-20T11:04:51	4	0	1	0	1	1.0453	null	null	0.9966	0.9964	0.0002
2024-01-20T11:12:26	1	0	4	4	0	0.9986	0.9988	0.0002	0.9959	0.996	-0.0001
2024-01-20T11:13:22	2	0	111	109	2	1.0562	1.0561	-0.0001	0.9934	0.9932	0.0002
2024-01-20T11:13:24	1	0	30	27	3	0.9435	0.9425	-0.0010	-0.9982	-0.998	-0.0002
2024-01-20T11:14:24	1	0	13	14	-1	1.0523	1.0524	0.0002	-0.9972	-0.9973	0.0001
2024-01-20T11:15:43	1	0	16	16	0	1.0491	1.0490	-0.0001	1	1	0.0000
2024-01-20T11:16:28	1	0	1	0	1	1.0288	null	null	0.995	0.9951	-0.0001
2024-01-20T11:17:08	2	0	18	16	2	0.9726	0.9754	0.0027	0.9988	0.9988	0.0000
2024-01-20T11:17:17	1	0	290	290	0	0.9258	0.9258	0.0000	0.9986	0.9986	0.0000
2024-01-20T11:17:29	2	0	11	10	1	0.9556	0.9555	-0.0001	0.9943	0.9943	0.0000

2024-01-20T11:18:37	1	0	1	0	1	1.0564	null	null	0.9918	0.9917	0.0001
2024-01-20T11:20:46	2	0	1	0	1	1.0597	null	null	-0.9831	-0.983	-0.0001
2024-01-20T11:21:33	1	0	3	3	0	1.0296	1.0291	-0.0006	0.9969	0.9968	0.0001
2024-01-20T11:21:44	4	0	15	15	0	1.0478	1.0476	-0.0002	-0.9958	-0.996	0.0002
2024-01-20T11:21:48	1	0	17	16	1	1.0531	1.0529	-0.0002	-0.9923	-0.9923	0.0000
2024-01-20T11:22:07	2	0	71	71	0	0.9244	0.9244	0.0001	-1	-1	0.0000
2024-01-20T11:22:19	1	0	28	28	0	0.9612	0.9613	0.0002	0.9997	0.9997	0.0000
2024-01-20T11:23:01	2	0	22	21	1	1.0475	1.0470	-0.0004	0.9759	0.9759	0.0000
2024-01-20T11:24:49	6	0	140	140	0	0.9084	0.9093	0.0009	0.9985	0.9983	0.0002
2024-01-20T11:27:40	1	0	80	80	0	1.1062	1.1023	-0.0039	-0.9946	-0.9948	0.0002
2024-01-20T11:29:07	2	0	5	5	0	0.9426	0.9426	0.0000	0.9991	0.9991	0.0000
2024-01-20T11:30:21	3	0	31	29	2	1.0505	1.0500	-0.0005	0.9999	0.9999	0.0000
2024-01-20T11:31:35	1	0	1	1	0	0.9354	0.9354	0.0000	0.9885	0.9885	0.0000
2024-01-20T11:32:42	2	0	39	38	1	0.9436	0.9399	-0.0037	0.9967	0.9967	0.0000
2024-01-20T11:32:44	4	0	4	4	0	1.0460	1.0457	-0.0004	1	1	0.0000
2024-01-20T11:32:57	1	0	16	15	1	1.0432	1.0422	-0.0010	0.9703	0.9702	0.0001
2024-01-20T11:33:38	4	0	1	1	0	1.0619	1.0615	-0.0004	0.9908	0.9908	0.0000
2024-01-20T11:35:04	1	0	1	1	0	0.9945	0.9947	0.0002	0.9725	0.9729	-0.0004
2024-01-20T11:35:33	2	0	1	0	1	1.0963	null	null	0.9993	0.9993	0.0000
2024-01-20T11:37:56	3	0	2	2	0	1.0160	1.0160	0.0000	0.998	0.9978	0.0002
2024-01-20T11:40:45	2	0	18	18	0	0.9460	0.9460	-0.0001	-0.9983	-0.9983	0.0000
2024-01-20T11:40:51	2	0	68	65	3	0.9463	0.9465	0.0002	0.9794	0.9794	0.0000
2024-01-20T11:41:54	1	0	15	13	2	1.0529	1.0522	-0.0007	0.9994	0.9994	0.0000
2024-01-20T11:46:36	1	0	1	1	0	0.9397	0.9397	0.0000	0.9891	0.9891	0.0000
2024-01-20T11:46:53	1	0	1	1	0	1.0572	1.0572	0.0000	0.9998	0.9998	0.0000
2024-01-20T11:47:43	2	0	42	42	0	0.9345	0.9345	0.0000	0.9968	0.9969	-0.0001
2024-01-20T11:47:50	5	0	4	4	0	1.0448	1.0447	-0.0001	1	1	0.0000
2024-01-20T11:51:35	1	0	1	1	0	1.0372	1.0372	0.0000	0.9969	0.9969	0.0000
2024-01-20T11:51:46	2	0	3	4	-1	1.0553	1.0527	-0.0026	-0.9941	-0.9941	0.0000
2024-01-20T11:57:03	1	0	34	33	1	1.0540	1.0537	-0.0002	0.9996	0.9996	0.0000
2024-01-20T12:05:49	2	0	14	14	0	1.0472	1.0472	0.0000	-0.9809	-0.9809	0.0000
2024-01-20T12:06:47	2	0	2	2	0	1.0595	1.0595	0.0000	-0.9949	-0.9949	0.0000
2024-01-20T12:10:47	2	0	10	10	0	0.9431	0.9431	0.0000	-0.9997	-0.9997	0.0000
2024-01-20T12:10:53	1	0	10	10	0	0.9697	0.9697	0.0000	0.9831	0.983	0.0001
2024-01-20T12:11:27	2	0	28	27	1	1.0483	1.0481	-0.0003	-0.9544	-0.9544	0.0000
2024-01-20T12:12:08	1	0	25	25	0	1.0543	1.0541	-0.0002	0.9998	0.9998	0.0000
2024-01-20T12:16:38	1	0	1	1	0	0.9396	0.9396	0.0000	0.9895	0.9896	-0.0001
2024-01-20T12:18:41	5	0	2	0	2	1.0598	null	null	0.9871	0.987	0.0001
2024-01-20T12:22:59	4	0	2	2	0	1.0164	1.0164	-0.0001	0.9983	0.9981	0.0002
2024-01-20T12:29:36	1	0	14	15	-1	1.0508	1.0499	-0.0008	-0.9974	-0.9974	0.0000
2024-01-20T12:31:33	1	0	6	7	-1	1.0422	1.0427	0.0005	0.9952	0.9953	-0.0001
2024-01-20T12:42:45	1	0	3	5	-2	1.0633	1.0627	-0.0006	-0.9956	-0.9956	0.0000
2024-01-20T12:48:04	1	0	9	10	-1	1.0353	1.0374	0.0021	0.9523	0.9526	-0.0003
2024-01-20T12:52:53	1	0	1	1	0	1.0356	1.0356	0.0000	-1	-1	0.0000
2024-01-20T12:54:50	1	0	82	82	0	1.0002	1.0002	0.0000	0.9757	0.9758	-0.0001
2024-01-20T12:57:46	1	0	79	79	0	1.1482	1.1466	-0.0016	-0.9971	-0.9958	-0.0013
2024-01-20T12:59:13	2	0	8	9	-1	0.9401	0.9407	0.0006	0.9989	0.9989	0.0000
2024-01-20T12:59:38	1	0	9	9	0	1.0477	1.0477	0.0000	-0.9972	-0.9972	0.0000
2024-01-20T13:01:35	1	0	8	8	0	1.0479	1.0475	-0.0004	0.9945	0.9945	0.0000
2024-01-20T13:06:40	1	0	4	4	0	1.0302	1.0302	0.0000	0.9972	0.9972	0.0000
2024-01-20T13:16:36	1	0	4	5	-1	1.0401	1.0413	0.0012	0.9954	0.9956	-0.0002
2024-01-20T13:16:59	1	0	1	1	0	1.0562	1.0562	0.0000	0.9999	0.9999	0.0000
2024-01-20T13:20:13	1	0	1	2	-1	1.0419	1.0183	-0.0236	0.9764	0.9762	0.0002
2024-01-20T13:28:11	1	0	12	10	2	1.0522	1.0515	-0.0007	0.9946	0.9946	0.0000
2024-01-20T13:32:00	1	0	6	6	0	1.0450	1.0449	-0.0001	-0.9838	-0.984	0.0002
2024-01-20T13:38:23	1	0	83	82	1	1.0546	1.0546	0.0000	-0.9739	-0.9739	0.0000
2024-01-20T13:42:26	1	0	299	299	0	1.0663	1.0662	-0.0001	-0.9984	-0.9984	0.0000
2024-01-20T13:53:23	3	0	3	3	0	0.9920	0.9921	0.0001	0.9989	0.9988	0.0001
2024-01-20T13:56:57	1	0	1	0	1	1.0554	null	null	-0.9922	-0.9922	0.0000
2024-01-20T13:59:42	1	0	9	9	0	1.0523	1.0523	0.0000	-0.9969	-0.9968	-0.0001
2024-01-20T14:00:31	4	0	1	1	0	1.0100	1.0085	-0.0015	0.9832	0.983	0.0002
2024-01-20T14:02:02	1	0	4	4	0	0.9801	0.9802	0.0001	0.9983	0.9983	0.0000
2024-01-20T14:03:48	4	0	2	2	0	1.0215	1.0214	-0.0001	0.9877	0.9877	0.0000
2024-01-20T14:05:16	1	0	3	3	0	1.0233	1.0234	0.0001	0.9798	0.9803	-0.0005
2024-01-20T14:05:32	1	0	11	10	1	1.0413	1.0425	0.0012	0.9997	0.9996	0.0001
2024-01-20T14:06:05	1	0	62	62	0	1.0518	1.0518	0.0000	0.9997	0.9997	0.0000
2024-01-20T14:06:44	1	0	2	2	0	1.0511	1.0510	-0.0001	0.9976	0.9976	0.0000
2024-01-20T14:08:25	2	0	117	115	2	1.0572	1.0571	0.0000	-0.9736	-0.9736	0.0000
2024-01-20T14:08:31	4	0	3	3	0	0.9849	0.9850	0.0001	0.9988	0.9987	0.0001
2024-01-20T14:12:36	3	0	272	270	2	1.0640	1.0639	-0.0001	-0.9988	-0.9988	0.0000
2024-01-20T14:13:36	3	0	7	8	-1	0.9426	0.9428	0.0002	-0.9986	-0.9985	-0.0001
2024-01-20T14:14:07	3	0	1	1	0	1.0379	1.0366	-0.0013	1	1	0.0000
2024-01-20T14:14:43	8	0	10	10	0	1.0493	1.0489	-0.0003	0.9989	0.9984	0.0005
2024-01-20T14:14:52	1	0	48	47	1	1.0499	1.0497	-0.0001	-0.9923	-0.9923	0.0000
2024-01-20T14:15:05	1	0	8	9	-1	1.0492	1.0488	-0.0004	0.9815	0.9815	0.0000
2024-01-20T14:17:53	2	0	20	21	-1	0.9452	0.9505	0.0052	0.9975	0.9975	0.0000
2024-01-20T14:18:05	7	0	3	3	0	1.0339	1.0332	-0.0007	0.9997	0.9997	0.0000
2024-01-20T14:18:49	2	0	1	1	0	1.0600	1.0594	-0.0006	0.9871	0.9871	0.0000
2024-01-20T14:21:47	1	0	4	4	0	1.0151	1.0150	-0.0001	0.9975	0.9975	0.0000
2024-01-20T14:23:39	3	0	3	3	0	0.9851	0.9852	0.0001	0.9986	0.9985	0.0001
2024-01-20T14:26:02	1	0	59	56	3	0.9339	0.9342	0.0003	0.9732	0.9733	-0.0001
2024-01-20T14:26:12	1	0	1	1	0	1.0373	1.0369	-0.0004	1	1	0.0000
2024-01-20T14:27:43	3	0	300	299	1	1.0640	1.0639	-0.0002	-0.9984	-0.9985	0.0001
2024-01-20T14:28:37	2	0	20	19	1	0.9435	0.9434	0.0000	-0.998	-0.9979	-0.0001
2024-01-20T14:28:40	1	0	2	1	1	0.9449	0.9449	0.0000	0.993	0.9929	0.0001

2024-01-20T14:29:08	3	0	12	11	1	0.9496	0.9504	0.0008	0.9963	0.9963	0.0000
2024-01-20T14:29:21	4	0	113	113	0	0.9364	0.9366	0.0002	-0.9998	-0.9998	0.0000
2024-01-20T14:29:44	4	0	9	8	1	1.0118	1.0203	0.0085	0.9991	0.9992	-0.0001
2024-01-20T14:30:06	1	0	6	6	0	1.0495	1.0495	-0.0001	0.9811	0.9811	0.0000
2024-01-20T14:31:41	1	0	6	6	0	1.0425	1.0420	-0.0005	0.9958	0.9958	0.0000
2024-01-20T14:32:04	1	0	4	4	0	0.9549	0.9553	0.0004	0.9979	0.9979	0.0000
2024-01-20T14:32:54	2	0	39	40	-1	0.9420	0.9420	0.0000	0.9976	0.9976	0.0000
2024-01-20T14:33:11	7	0	3	3	0	1.0326	1.0318	-0.0008	0.9996	0.9996	0.0000
2024-01-20T14:33:50	5	0	3	3	0	1.0040	1.0043	0.0003	0.9883	0.9884	-0.0001
2024-01-20T14:35:06	4	0	4	4	0	1.0465	1.0464	-0.0002	0.9978	0.9978	0.0000
2024-01-20T14:35:51	2	0	3	3	0	0.9916	0.9914	-0.0002	0.9998	0.9998	0.0000
2024-01-20T14:35:59	1	0	21	20	1	1.0484	1.0484	0.0000	-0.9774	-0.9774	0.0000
2024-01-20T14:36:48	3	0	4	4	0	1.0106	1.0106	0.0001	0.9974	0.9973	0.0001
2024-01-20T14:38:40	3	0	1	1	0	0.9594	0.9597	0.0003	0.9983	0.9981	0.0002
2024-01-20T14:39:57	4	0	75	75	0	0.9835	0.9834	0.0000	0.9755	0.9754	0.0001
2024-01-20T14:40:02	1	0	140	140	0	0.9094	0.9099	0.0005	0.9983	0.9983	0.0000
2024-01-20T14:41:03	2	0	14	7	7	0.9677	0.9913	0.0237	0.9815	0.9814	0.0001
2024-01-20T14:41:13	1	0	1	1	0	1.0380	1.0380	0.0000	0.9999	0.9999	0.0000
2024-01-20T14:41:33	2	0	5	5	0	1.0313	1.0312	-0.0001	0.9901	0.99	0.0001
2024-01-20T14:42:49	3	0	289	289	0	1.0651	1.0650	-0.0001	-0.9986	-0.9986	0.0000
2024-01-20T14:42:53	1	0	4	4	0	1.0613	1.0612	-0.0001	-0.9972	-0.9959	-0.0013
2024-01-20T14:43:02	6	0	4	4	0	1.0026	1.0028	0.0001	0.9967	0.9967	0.0000
2024-01-20T14:43:36	3	0	410	401	9	1.0630	1.0630	0.0000	1	1	0.0000
2024-01-20T14:43:38	1	0	4	4	0	0.9438	0.9439	0.0001	-0.9983	-0.9982	-0.0001
2024-01-20T14:43:45	1	0	4	4	0	0.9433	0.9435	0.0002	0.9924	0.9923	0.0001
2024-01-20T14:44:09	2	0	2	2	0	0.9438	0.9439	0.0002	0.9958	0.9958	0.0000
2024-01-20T14:44:22	4	0	122	119	3	0.9345	0.9347	0.0001	-0.9996	-0.9996	0.0000
2024-01-20T14:44:45	5	0	9	9	0	1.0484	1.0482	-0.0002	0.9991	0.999	0.0001
2024-01-20T14:45:07	1	0	5	5	0	1.0508	1.0508	0.0000	0.9799	0.9798	0.0001
2024-01-20T14:46:32	3	0	23	22	1	1.0513	1.0515	0.0002	-0.9962	-0.9963	0.0001
2024-01-20T14:46:42	1	0	7	7	0	1.0433	1.0433	-0.0001	0.9955	0.9956	-0.0001
2024-01-20T14:51:11	3	0	2	2	0	1.0656	1.0648	-0.0009	-0.8496	-0.854	0.0044
2024-01-20T14:53:06	1	0	1	1	0	1.0391	1.0387	-0.0004	1	1	0.0000
2024-01-20T14:56:00	2	0	10	10	0	0.9489	0.9488	-0.0002	-0.9988	-0.9988	0.0000
2024-01-20T14:56:04	1	0	4	4	0	0.9421	0.9428	0.0007	0.9818	0.982	-0.0002
2024-01-20T14:58:27	2	0	67	67	0	0.9396	0.9395	0.0000	-0.9982	-0.9979	-0.0003
2024-01-20T14:58:39	2	0	7	7	0	0.9504	0.9504	0.0000	-0.9979	-0.9978	-0.0001
2024-01-20T14:59:46	1	0	10	10	0	1.0494	1.0494	0.0000	0.9991	0.9993	-0.0002
2024-01-20T15:01:33	3	0	21	20	1	1.0498	1.0500	0.0002	-0.9968	-0.9969	0.0001
2024-01-20T15:12:28	1	0	4	4	0	1.0382	1.0382	-0.0001	-0.9796	-0.9797	0.0001
2024-01-20T15:20:27	2	0	64	62	2	0.9356	0.9357	0.0001	-1	-1	0.0000
2024-01-20T15:22:00	2	0	5	5	0	1.0503	1.0502	-0.0001	-0.9974	-0.9975	0.0001
2024-01-20T15:28:22	1	0	5	5	0	1.0455	1.0454	-0.0002	0.9899	0.9897	0.0002
2024-01-20T15:28:39	1	0	432	429	3	1.0638	1.0638	0.0000	0.9975	0.9975	0.0000
2024-01-20T15:29:48	1	0	9	9	0	1.0477	1.0476	-0.0001	0.9993	0.9993	0.0000
2024-01-20T15:29:55	2	0	10	10	0	1.0501	1.0501	0.0000	-0.9978	-0.9978	0.0000
2024-01-20T15:32:58	1	0	51	52	-1	0.9357	0.9358	0.0000	0.9966	0.9966	0.0000
2024-01-20T15:35:55	1	0	4	4	0	0.9821	0.9821	0.0000	0.9997	0.9997	0.0000
2024-01-20T15:36:49	1	0	1	0	1	1.0790	null	null	0.9996	0.9996	0.0000
2024-01-20T15:37:56	3	0	119	120	-1	0.9567	0.9567	0.0000	0.9996	0.9995	0.0001
2024-01-20T15:40:58	1	0	10	10	0	0.9919	0.9921	0.0002	0.9849	0.9849	0.0000
2024-01-20T15:47:09	1	0	4	4	0	1.0464	1.0463	-0.0002	-0.9857	-0.986	0.0003
2024-01-20T15:47:59	1	0	50	50	0	0.9322	0.9322	0.0000	0.9966	0.9966	0.0000
2024-01-20T15:48:32	1	0	4	4	0	1.0365	1.0362	-0.0003	0.9996	0.9996	0.0000
2024-01-20T15:48:55	1	0	2	2	0	0.9622	0.9624	0.0001	0.9874	0.9874	0.0000
2024-01-20T15:52:01	1	0	1	0	1	1.0768	null	null	0.9995	0.9995	0.0000
2024-01-20T15:53:07	3	0	125	127	-2	0.9379	0.9378	0.0000	0.9994	0.9994	0.0000
2024-01-20T16:03:06	1	0	1	1	0	1.0427	1.0426	-0.0001	0.9961	0.9962	-0.0001
2024-01-20T16:03:37	1	0	3	3	0	1.0318	1.0315	-0.0003	0.9994	0.9994	0.0000
2024-01-20T16:11:11	1	0	95	96	-1	0.9253	0.9253	0.0000	0.9751	0.9742	0.0009
2024-01-20T16:14:51	3	0	25	21	4	0.9407	0.9417	0.0010	0.9986	0.999	-0.0004
2024-01-20T16:16:13	7	0	4	4	0	0.9959	0.9956	-0.0003	0.984	0.9743	0.0097
2024-01-20T16:25:06	1	0	147	148	-1	0.9488	0.9487	-0.0002	0.9782	0.9784	-0.0002
2024-01-20T16:29:27	2	0	13	13	0	0.9419	0.9419	0.0000	0.9992	0.9992	0.0000
2024-01-20T16:30:41	6	0	70	66	4	0.9386	0.9405	0.0019	0.9799	0.98	-0.0001
2024-01-20T16:30:51	1	0	127	126	1	0.9348	0.9348	0.0001	0.9961	0.9961	0.0000
2024-01-20T16:31:55	2	0	6	6	0	0.9398	0.9401	0.0003	0.9876	0.9875	0.0001
2024-01-20T16:48:48	1	0	111	111	0	0.9174	0.9174	0.0000	0.9879	0.988	-0.0001
2024-01-20T16:52:59	2	0	349	348	1	1.0593	1.0591	-0.0002	0.9995	0.9995	0.0000
2024-01-20T17:00:53	1	0	126	126	0	0.9358	0.9358	0.0000	0.9948	0.9948	0.0000
2024-01-20T17:01:39	1	0	2	2	0	1.0063	1.0063	0.0000	-1	1	0.0000
2024-01-20T17:02:40	1	0	410	410	0	0.9201	0.9201	0.0000	0.9994	0.9994	0.0000
2024-01-20T17:03:49	1	0	134	136	-2	0.9296	0.9298	0.0002	0.9922	0.9922	0.0000
2024-01-20T17:17:41	1	0	396	396	0	0.9247	0.9247	0.0000	0.9995	0.9995	0.0000
2024-01-20T17:26:44	1	0	10	10	0	1.0358	1.0358	0.0000	0.9874	0.9871	0.0003
2024-01-20T17:41:43	1	0	44	44	0	0.9422	0.9425	0.0003	0.9938	0.9938	0.0000
2024-01-20T17:45:19	1	0	6	6	0	1.0475	1.0475	0.0000	0.9795	0.9795	0.0000
2024-01-20T18:00:12	1	0	82	82	0	0.9422	0.9422	0.0000	0.9965	0.9965	0.0000
2024-01-20T18:02:08	1	0	67	67	0	0.9316	0.9316	0.0000	-0.9953	-0.9948	-0.0005
2024-01-20T18:02:44	1	0	422	422	0	0.9197	0.9197	0.0000	0.9994	0.9994	0.0000
2024-01-20T18:04:07	1	0	35	34	1	0.9479	0.9480	0.0001	0.9678	0.9677	0.0001
2024-01-20T18:08:21	1	0	193	193	0	0.9713	0.9713	0.0000	0.9998	0.9998	0.0000
2024-01-20T18:11:47	1	0	49	48	1	0.9399	0.9399	0.0000	0.9951	0.9951	0.0000
2024-01-20T18:15:13	1	0	138	138	0	0.9299	0.9300	0.0001	0.9962	0.9962	0.0000
2024-01-20T18:17:45	3	0	414	413	1	0.9189	0.9189	0.0000	0.9996	0.9996	0.0000

2024-01-20T18:19:18	1	0	75	75	0	0.9352	0.9352	0.0000	0.9979	0.9979	0.0000
2024-01-20T18:23:26	2	0	156	150	6	0.9921	0.9923	0.0002	0.9998	0.9998	0.0000
2024-01-20T18:25:17	1	0	151	151	0	0.8894	0.8894	0.0000	0.9979	0.9979	0.0000
2024-01-21T07:51:43	5	0	74	74	0	0.9915	0.9915	0.0000	0.997	0.997	0.0000
2024-01-21T07:51:50	2	0	102	102	0	0.9134	0.9135	0.0001	0.9877	0.9877	0.0000
2024-01-21T07:52:35	1	0	18	17	1	0.9431	0.9431	0.0000	0.9755	0.9756	-0.0001
2024-01-21T07:54:35	2	0	150	150	0	0.8932	0.8934	0.0002	-1	-1	0.0000
2024-01-21T07:58:13	2	0	127	126	1	0.9278	0.9278	0.0000	-0.9991	-0.999	-0.0001
2024-01-21T08:01:27	3	0	66	65	1	0.9277	0.9275	-0.0002	0.9995	0.9996	-0.0001
2024-01-21T08:04:57	1	0	49	49	0	0.9372	0.9373	0.0001	-0.9993	-0.9993	0.0000
2024-01-21T08:07:58	1	0	38	38	0	0.9364	0.9365	0.0001	0.9926	0.9925	0.0001
2024-01-21T08:10:12	2	0	141	139	2	1.0605	1.0604	0.0000	-0.9971	-0.9971	0.0000
2024-01-21T08:13:14	1	0	143	142	1	0.9275	0.9275	0.0000	-0.9986	-0.9986	0.0000
2024-01-21T08:13:55	2	0	116	116	0	0.9338	0.9340	0.0002	1	1	0.0000
2024-01-21T08:17:01	3	0	122	122	0	0.9413	0.9414	0.0001	-1	-1	0.0000
2024-01-21T08:18:13	1	0	118	117	1	0.9501	0.9502	0.0001	0.9894	0.9893	0.0001
2024-01-21T08:25:21	1	0	174	172	2	1.0609	1.0608	0.0000	-0.9967	-0.9967	0.0000
2024-01-21T08:29:21	1	0	11	11	0	1.0516	1.0516	0.0000	0.999	0.999	0.0000
2024-01-21T08:30:09	3	0	19	17	2	0.9424	0.9431	0.0007	0.9819	0.9819	0.0000
2024-01-21T08:30:19	1	0	128	128	0	0.9341	0.9341	0.0000	0.9931	0.9931	0.0000
2024-01-21T08:31:29	1	0	81	81	0	0.9260	0.9260	0.0000	0.9995	0.9996	-0.0001
2024-01-21T08:33:29	1	0	42	42	0	0.9366	0.9368	0.0002	0.9927	0.9928	-0.0001
2024-01-21T08:46:30	4	0	81	80	1	0.9253	0.9251	-0.0002	0.9995	0.9996	-0.0001
2024-01-21T08:48:15	1	0	121	121	0	0.9352	0.9352	0.0000	0.9902	0.9901	0.0001
2024-01-21T08:55:27	1	0	156	155	1	1.0599	1.0599	0.0000	-0.9975	-0.9975	0.0000
2024-01-21T08:55:35	1	0	136	134	2	0.9421	0.9423	0.0002	0.9927	0.9927	0.0000
2024-01-21T08:57:40	1	0	338	337	1	1.0613	1.0613	0.0000	-0.9968	-0.9967	-0.0001
2024-01-21T08:59:40	2	0	67	64	3	0.9419	0.9422	0.0003	0.994	0.9941	-0.0001
2024-01-21T09:01:31	3	0	82	81	1	0.9255	0.9253	-0.0001	0.9997	0.9997	0.0000
2024-01-21T09:05:03	1	0	48	47	1	0.9380	0.9382	0.0002	-0.9995	-0.9995	0.0000
2024-01-21T09:06:48	6	0	67	66	1	0.9876	0.9878	0.0001	0.9956	0.9956	0.0000
2024-01-21T09:06:55	2	0	139	139	0	0.9129	0.9133	0.0004	0.9901	0.99	0.0001
2024-01-21T09:07:40	1	0	24	23	1	0.9421	0.9422	0.0000	0.9762	0.9764	-0.0002
2024-01-21T09:09:40	2	0	152	152	0	0.8890	0.8897	0.0007	1	1	0.0000
2024-01-21T09:09:44	1	0	48	47	1	1.0594	1.0595	0.0001	0.9853	0.9853	0.0000
2024-01-21T09:10:31	1	0	158	149	9	1.0609	1.0606	-0.0003	-0.9975	-0.9975	0.0000
2024-01-21T09:12:41	3	0	345	334	11	1.0612	1.0610	-0.0001	-0.9981	-0.9981	0.0000
2024-01-21T09:13:13	1	0	220	219	1	1.0585	1.0585	0.0000	0.9819	0.9819	0.0000
2024-01-21T09:13:40	2	0	16	12	4	0.9408	0.9416	0.0008	-0.9937	-0.9936	-0.0001
2024-01-21T09:13:59	2	0	54	50	4	0.9372	0.9376	0.0004	0.9999	0.9999	0.0000
2024-01-21T09:14:28	1	0	10	10	0	1.0483	1.0483	0.0000	0.9986	0.9987	-0.0001
2024-01-21T09:15:42	8	0	57	53	4	0.9515	0.9525	0.0010	0.9878	0.988	-0.0002
2024-01-21T09:18:18	1	0	113	114	-1	0.9565	0.9559	-0.0007	0.9908	0.991	-0.0002
2024-01-21T09:18:32	3	0	72	70	2	0.9374	0.9362	-0.0012	0.9897	0.9898	-0.0001
2024-01-21T09:20:24	1	0	17	12	5	0.9554	0.9560	0.0006	0.9995	0.9995	0.0000
2024-01-21T09:21:56	3	0	95	95	0	0.9354	0.9354	0.0000	0.9903	0.9901	0.0002
2024-01-21T09:23:06	1	0	23	23	0	0.9402	0.9405	0.0004	0.9871	0.987	0.0001
2024-01-21T09:27:42	1	0	442	440	2	1.0631	1.0631	0.0000	-0.9975	-0.9975	0.0000
2024-01-21T09:28:14	5	0	332	323	9	1.0601	1.0601	0.0000	0.9812	0.9811	0.0001
2024-01-21T09:35:25	8	0	27	26	1	0.9421	0.9422	0.0001	0.9991	0.9992	-0.0001
2024-01-21T09:36:26	1	0	6	6	0	1.0487	1.0486	-0.0001	0.9996	0.9996	0.0000
2024-01-21T09:38:07	1	0	28	27	1	0.9373	0.9373	0.0000	0.9876	0.9875	0.0001
2024-01-21T09:42:58	7	0	8	9	-1	1.0331	1.0332	0.0001	0.9905	0.9905	0.0000
2024-01-21T09:44:34	1	0	1	1	0	0.9754	0.9757	0.0003	0.9998	0.9998	0.0000
2024-01-21T09:46:06	3	0	153	153	0	0.9068	0.9071	0.0003	0.984	0.9838	0.0002
2024-01-21T09:46:21	1	0	1	1	0	0.9846	0.9849	0.0003	-0.9851	-0.985	-0.0001
2024-01-21T09:46:34	1	0	58	57	1	0.9311	0.9311	0.0000	0.9997	0.9997	0.0000
2024-01-21T09:47:02	2	0	10	10	0	1.0207	1.0206	-0.0001	0.9987	0.9987	0.0000
2024-01-21T09:49:18	1	0	8	8	0	1.0162	1.0161	-0.0001	0.9904	0.9903	0.0001
2024-01-21T09:50:06	2	0	9	8	1	0.9422	0.9426	0.0004	-0.9989	-0.9988	-0.0001
2024-01-21T09:50:26	3	0	40	33	7	0.9523	0.9525	0.0002	0.9994	0.9994	0.0000
2024-01-21T09:54:29	2	0	136	135	1	1.0076	1.0077	0.0001	0.9733	0.9734	-0.0001
2024-01-21T09:55:32	1	0	9	9	0	0.9971	0.9970	-0.0001	0.9908	0.9908	0.0000
2024-01-21T09:55:44	1	0	105	104	1	0.9288	0.9288	0.0000	0.9725	0.9717	0.0008
2024-01-21T09:56:43	3	0	2	2	0	0.9938	0.9941	0.0003	0.9814	0.9814	0.0000
2024-01-21T09:58:16	4	0	573	567	6	1.0646	1.0645	0.0000	0.9902	0.99	0.0002
2024-01-21T09:58:21	2	0	74	74	0	0.9387	0.9388	0.0001	-0.9983	-0.9983	0.0000
2024-01-21T09:59:03	1	0	12	12	0	0.9506	0.9509	0.0003	1	1	0.0000
2024-01-21T09:59:31	4	0	11	11	0	1.0514	1.0513	-0.0001	0.9988	0.9988	0.0000
2024-01-21T10:00:40	1	0	2	2	0	0.9630	0.9639	0.0010	0.9985	0.9985	0.0000
2024-01-21T10:01:22	1	0	3	3	0	1.0072	1.0073	0.0001	-0.9825	-0.9818	-0.0007
2024-01-21T10:02:13	4	0	3	3	0	1.0376	1.0363	-0.0014	-1	-1	0.0000
2024-01-21T10:02:26	1	0	7	7	0	0.9462	0.9466	0.0005	0.9852	0.98	0.0052
2024-01-21T10:05:27	4	0	27	25	2	0.9495	0.9496	0.0001	0.9991	0.9991	0.0000
2024-01-21T10:05:33	2	0	58	57	1	1.0483	1.0493	0.0010	-0.9976	-0.9976	0.0000
2024-01-21T10:09:19	1	0	1	1	0	0.9827	0.9830	0.0003	0.9946	0.9946	0.0000
2024-01-21T10:09:30	2	0	102	105	-3	1.0048	1.0049	0.0000	0.974	0.9722	0.0018
2024-01-21T10:09:44	4	0	149	149	0	0.8889	0.8901	0.0012	1	1	0.0000
2024-01-21T10:10:45	1	0	146	146	0	0.9266	0.9266	0.0000	0.9707	0.9699	0.0008
2024-01-21T10:12:45	2	0	465	459	6	1.0650	1.0649	-0.0001	-0.9984	-0.9983	-0.0001
2024-01-21T10:13:42	2	0	257	257	0	0.9360	0.9360	0.0001	0.9942	0.9941	0.0001
2024-01-21T10:14:04	1	0	15	15	0	0.9417	0.9418	0.0001	0.9999	0.9999	0.0000
2024-01-21T10:14:32	1	0	13	13	0	1.0523	1.0523	0.0000	0.9989	0.999	-0.0001
2024-01-21T10:15:46	1	0	2	2	0	1.0298	1.0296	-0.0002	0.9988	0.9987	0.0001
2024-01-21T10:17:18	2	0	3	3	0	1.0369	1.0359	-0.0010	-1	-1	0.0000

2024-01-21T10:17:21	3	0	42	43	-1	0.9458	0.9492	0.0035	0.9934	0.9934	0.0000
2024-01-21T10:18:36	2	0	4	4	0	1.0478	1.0471	-0.0007	-0.9866	-0.987	0.0004
2024-01-21T10:18:36	1	0	31	30	1	0.9521	0.9522	0.0000	0.9933	0.9933	0.0000
2024-01-21T10:22:14	4	0	1	1	0	1.0265	1.0256	-0.0009	-0.9936	-0.9937	0.0001
2024-01-21T10:22:43	7	0	11	11	0	1.0509	1.0504	-0.0005	-0.965	-0.9656	0.0006
2024-01-21T10:23:20	1	0	8	7	1	0.9453	0.9460	0.0007	0.9879	0.9878	0.0001
2024-01-21T10:25:46	1	0	69	69	0	0.9281	0.9284	0.0003	0.9716	0.9717	-0.0001
2024-01-21T10:26:22	1	0	5	5	0	1.0414	1.0414	-0.0001	-0.9742	-0.9744	0.0002
2024-01-21T10:28:20	2	0	2	2	0	1.0320	1.0318	-0.0002	0.9912	0.9919	-0.0007
2024-01-21T10:29:33	1	0	10	10	0	1.0495	1.0495	0.0000	0.9989	0.999	-0.0001
2024-01-21T10:31:07	4	0	3	3	0	1.0154	1.0150	-0.0004	-0.9998	-0.9998	0.0000
2024-01-21T10:32:22	1	0	38	37	1	0.9450	0.9413	-0.0037	0.9943	0.9943	0.0000
2024-01-21T10:33:37	1	0	9	8	1	1.0501	1.0490	-0.0011	-0.9841	-0.9844	0.0003
2024-01-21T10:35:29	1	0	8	8	0	0.9468	0.9468	0.0001	0.9995	0.9995	0.0000
2024-01-21T10:35:35	1	0	59	59	0	1.0451	1.0451	0.0000	0.9989	0.9989	0.0000
2024-01-21T10:35:40	1	0	83	83	0	0.9321	0.9323	0.0002	0.9879	0.988	-0.0001
2024-01-21T10:36:30	2	0	3	3	0	1.0342	1.0340	-0.0002	0.9974	0.9974	0.0000
2024-01-21T10:36:55	1	0	52	52	0	0.9416	0.9416	0.0000	0.991	0.9908	0.0002
2024-01-21T10:37:03	2	0	14	14	0	0.9341	0.9341	0.0001	0.9927	0.9929	-0.0002
2024-01-21T10:39:32	4	0	76	75	1	1.0050	1.0053	0.0002	0.9738	0.9738	0.0000
2024-01-21T10:39:54	1	0	143	143	0	0.9018	0.9020	0.0003	0.9999	0.9999	0.0000
2024-01-21T10:41:46	2	0	2	2	0	0.9949	0.9949	-0.0001	0.9819	0.9819	0.0000
2024-01-21T10:43:06	1	0	6	6	0	1.0434	1.0432	-0.0003	0.9907	0.9904	0.0003
2024-01-21T10:44:34	1	0	10	10	0	1.0502	1.0502	0.0000	0.9988	0.9988	0.0000
2024-01-21T10:46:08	7	0	5	5	0	1.0154	1.0150	-0.0005	-0.9997	-0.9997	0.0000
2024-01-21T10:47:29	1	0	5	5	0	0.9724	0.9722	-0.0001	0.984	0.9839	0.0001
2024-01-21T10:48:38	1	0	8	8	0	1.0488	1.0484	-0.0005	-0.9847	-0.9852	0.0005
2024-01-21T10:49:02	1	0	1	0	1	1.0462	null	null	1	1	0.0000
2024-01-21T10:49:54	1	0	10	10	0	1.0491	1.0489	-0.0002	0.9799	0.979	0.0009
2024-01-21T10:50:05	1	0	4	4	0	1.0382	1.0380	-0.0002	0.996	0.996	0.0000
2024-01-21T10:50:36	2	0	14	14	0	1.0450	1.0450	-0.0001	-0.9992	-0.9992	0.0000
2024-01-21T10:51:15	2	0	1	0	1	1.0283	null	null	0.9997	0.9996	0.0001
2024-01-21T10:54:33	4	0	86	79	7	1.0090	1.0091	0.0001	0.9742	0.9742	0.0000
2024-01-21T10:56:13	1	0	5	5	0	1.0305	1.0303	-0.0002	0.9826	0.9825	0.0001
2024-01-21T10:58:43	1	0	7	7	0	1.0419	1.0418	-0.0001	0.9982	0.9982	0.0000
2024-01-21T10:59:35	1	0	11	11	0	1.0513	1.0513	0.0000	0.9988	0.9989	-0.0001
2024-01-21T11:00:38	1	0	5	4	1	1.0459	1.0458	-0.0001	1	1	0.0000
2024-01-21T11:03:39	1	0	13	11	2	1.0499	1.0485	-0.0014	-0.9815	-0.9819	0.0004
2024-01-21T11:03:50	2	0	2	2	0	1.0177	1.0170	-0.0007	0.9903	0.9898	0.0005
2024-01-21T11:04:00	1	0	2	2	0	1.0315	1.0311	-0.0003	-0.9921	-0.9921	0.0000
2024-01-21T11:04:16	3	0	1	1	0	1.0471	1.0452	-0.0019	-1	-1	0.0000
2024-01-21T11:05:20	1	0	11	11	0	1.0409	1.0408	-0.0001	0.9998	0.9998	0.0000
2024-01-21T11:06:16	2	0	2	2	0	1.0340	1.0340	-0.0001	0.9997	0.9997	0.0000
2024-01-21T11:06:57	2	0	62	61	1	0.9901	0.9901	0.0000	0.9896	0.9894	0.0002
2024-01-21T11:07:47	1	0	1	1	0	1.0360	1.0356	-0.0004	0.9997	0.9997	0.0000
2024-01-21T11:09:56	1	0	143	143	0	0.9074	0.9077	0.0003	-1	-1	0.0000
2024-01-21T11:12:41	1	0	3	1	2	1.0572	1.0559	-0.0013	-0.9983	-0.9983	0.0000
2024-01-21T11:13:21	2	0	109	106	3	1.0560	1.0559	-0.0001	0.9796	0.9793	0.0003
2024-01-21T11:13:26	1	0	47	42	5	0.9406	0.9404	-0.0002	-0.9982	-0.998	-0.0002
2024-01-21T11:14:36	2	0	12	12	0	1.0507	1.0506	0.0000	0.9989	0.9989	0.0000
2024-01-21T11:16:32	1	0	2	2	0	1.0393	1.0387	-0.0006	0.9961	0.996	0.0001
2024-01-21T11:17:31	1	0	2	2	0	0.9510	0.9513	0.0003	0.984	0.9841	-0.0001
2024-01-21T11:18:26	2	0	25	24	1	0.9531	0.9553	0.0022	0.992	0.9922	-0.0002
2024-01-21T11:18:40	1	0	16	13	3	1.0501	1.0494	-0.0007	-0.9835	-0.9839	0.0004
2024-01-21T11:18:48	2	0	3	2	1	1.0117	1.0454	0.0337	0.9993	0.9994	-0.0001
2024-01-21T11:20:45	2	0	1	0	1	1.0975	null	null	0.9996	0.9996	0.0000
2024-01-21T11:22:38	1	0	11	11	0	1.0498	1.0497	-0.0001	-0.9949	-0.995	0.0001
2024-01-21T11:24:53	1	0	64	64	0	1.0574	1.0574	0.0000	0.9759	0.9751	0.0008
2024-01-21T11:24:57	6	0	143	142	1	0.9020	0.9032	0.0012	-1	-1	0.0000
2024-01-21T11:25:59	1	0	2	2	0	0.9767	0.9769	0.0002	0.9894	0.9893	0.0001
2024-01-21T11:26:48	1	0	1	1	0	1.0572	1.0562	-0.0010	1	1	0.0000
2024-01-21T11:28:20	8	0	6	6	0	1.0461	1.0458	-0.0003	0.9971	0.997	0.0001
2024-01-21T11:28:45	1	0	4	4	0	1.0470	1.0468	-0.0002	0.9979	0.9979	0.0000
2024-01-21T11:28:49	3	0	1	1	0	1.0381	1.0366	-0.0015	-0.9973	-0.9974	0.0001
2024-01-21T11:29:53	2	0	3	3	0	1.0282	1.0282	0.0000	0.9968	0.9969	-0.0001
2024-01-21T11:30:19	3	0	21	19	2	1.0469	1.0460	-0.0009	0.9988	0.9988	0.0000
2024-01-21T11:32:49	4	0	3	3	0	1.0299	1.0295	-0.0004	-1	-1	0.0000
2024-01-21T11:33:41	2	0	14	13	1	1.0505	1.0495	-0.0010	-0.9825	-0.9829	0.0004
2024-01-21T11:34:25	1	0	8	9	-1	1.0370	1.0390	0.0021	0.9926	0.9926	0.0000
2024-01-21T11:34:28	3	0	1	0	1	1.0454	null	null	-0.9999	-0.9999	0.0000
2024-01-21T11:35:05	1	0	3	3	0	1.0463	1.0461	-0.0002	0.965	0.9646	0.0004
2024-01-21T11:40:51	3	0	16	17	-1	0.9438	0.9438	0.0000	0.9632	0.9633	-0.0001
2024-01-21T11:41:50	5	0	1	1	0	1.0140	1.0140	0.0000	0.9839	0.9839	0.0000
2024-01-21T11:44:54	2	0	4	4	0	1.0124	1.0124	0.0000	0.9963	0.9969	-0.0006
2024-01-21T11:45:47	1	0	1	1	0	1.0555	1.0555	0.0000	0.9993	0.9993	0.0000
2024-01-21T11:46:29	2	0	3	3	0	1.0088	1.0085	-0.0003	-0.9757	-0.9758	0.0001
2024-01-21T11:47:27	3	0	40	39	1	0.9403	0.9364	-0.0039	0.9939	0.9939	0.0000
2024-01-21T11:48:42	2	0	6	6	0	1.0479	1.0477	-0.0002	-0.9856	-0.9859	0.0003
2024-01-21T11:50:07	1	0	5	5	0	1.0498	1.0497	-0.0001	0.9782	0.9781	0.0001
2024-01-21T11:50:14	3	0	5	8	-3	0.9433	0.9434	0.0002	-0.9977	-0.9978	0.0001
2024-01-21T11:50:40	2	0	1	1	0	1.0451	1.0451	0.0000	-0.9964	-0.9964	0.0000
2024-01-21T11:50:58	1	0	4	4	0	1.0565	1.0564	-0.0001	-0.8593	-0.8605	0.0012
2024-01-21T11:51:35	3	0	6	7	-1	1.0382	1.0361	-0.0021	0.9977	0.9978	-0.0001
2024-01-21T11:55:52	3	0	16	16	0	0.9430	0.9430	0.0000	0.9624	0.9623	0.0001
2024-01-21T11:56:51	5	0	1	1	0	1.0128	1.0128	0.0000	0.9834	0.9834	0.0000

2024-01-21T11:58:27	7	0	10	10	0	1.0466	1.0389	-0.0077	0.9972	0.9972	0.0000
2024-01-21T12:00:02	2	0	2	2	0	1.0321	1.0321	0.0000	0.9961	0.9967	-0.0006
2024-01-21T12:00:48	1	0	1	1	0	1.0578	1.0578	0.0000	0.999	0.9989	0.0001
2024-01-21T12:03:43	2	0	14	12	2	1.0499	1.0488	-0.0011	-0.9834	-0.9836	0.0002
2024-01-21T12:05:15	3	0	6	8	-2	0.9434	0.9435	0.0001	-0.9979	-0.998	0.0001
2024-01-21T12:08:27	1	0	2	2	0	0.9447	0.9447	0.0000	0.9892	0.9891	0.0001
2024-01-21T12:10:53	3	0	16	16	0	0.9455	0.9455	0.0000	0.9634	0.9633	0.0001
2024-01-21T12:11:52	5	0	1	1	0	1.0125	1.0125	0.0000	0.984	0.984	0.0000
2024-01-21T12:13:48	1	0	4	5	-1	1.0362	1.0380	0.0018	0.9979	0.9979	0.0000
2024-01-21T12:20:42	2	0	5	5	0	1.0471	1.0471	0.0000	-0.9967	-0.9967	0.0000
2024-01-21T12:21:02	1	0	5	6	-1	1.0535	1.0522	-0.0014	-0.8615	-0.8608	-0.0007
2024-01-21T12:28:29	8	0	13	11	2	1.0172	1.0199	0.0027	0.9759	0.9759	0.0000
2024-01-21T12:32:30	3	0	17	17	0	0.9694	0.9625	-0.0068	0.9946	0.9946	0.0000
2024-01-21T12:43:30	1	0	14	13	1	1.0458	1.0447	-0.0012	0.9895	0.9894	0.0001
2024-01-21T12:48:54	2	0	3	3	0	1.0458	1.0458	0.0000	1	1	0.0000
2024-01-21T12:58:09	1	0	3	3	0	1.0522	1.0519	-0.0003	0.9909	0.9909	0.0000
2024-01-21T12:58:36	1	0	20	19	1	1.0462	1.0477	0.0015	0.9892	0.989	0.0002
2024-01-21T13:03:15	2	0	1	0	1	1.0551	null	null	0.9755	0.9755	0.0000
2024-01-21T13:04:00	2	0	1	0	1	1.0562	null	null	0.9673	0.9672	0.0001
2024-01-21T13:13:10	1	0	4	5	-1	1.0534	1.0538	0.0005	0.9919	0.992	-0.0001
2024-01-21T13:18:06	1	0	11	10	1	1.0431	1.0426	-0.0005	0.9603	0.9602	0.0001
2024-01-21T13:20:14	1	0	23	23	0	1.0542	1.0541	-0.0001	0.9923	0.9922	0.0001
2024-01-21T13:20:29	1	0	28	27	1	1.0524	1.0522	-0.0002	0.9982	0.9982	0.0000
2024-01-21T13:20:46	2	0	55	54	1	1.0496	1.0495	0.0000	-0.9961	-0.9961	0.0000
2024-01-21T13:33:07	2	0	11	10	1	1.0446	1.0434	-0.0012	0.9603	0.9603	0.0000
2024-01-21T13:33:49	1	0	9	7	2	1.0505	1.0486	-0.0019	-0.9937	-0.9938	0.0001
2024-01-21T13:37:08	1	0	1	1	0	1.0209	1.0202	-0.0007	-0.995	-0.9953	0.0003
2024-01-21T13:42:56	1	0	14	13	1	1.0479	1.0472	-0.0007	-0.9981	-0.9981	0.0000
2024-01-21T13:43:51	3	0	33	29	4	1.0535	1.0534	-0.0002	-0.9691	-0.9691	0.0000
2024-01-21T13:48:50	1	0	12	11	1	1.0500	1.0490	-0.0010	-0.9933	-0.9934	0.0001
2024-01-21T13:50:31	1	0	37	35	2	1.0533	1.0533	0.0000	0.9983	0.9983	0.0000
2024-01-21T13:50:48	2	0	55	54	1	1.0487	1.0486	0.0000	-0.999	-0.999	0.0000
2024-01-21T13:53:26	1	0	60	59	1	1.0534	1.0534	0.0000	-0.9895	-0.9894	-0.0001
2024-01-21T13:58:55	1	0	63	65	-2	1.0502	1.0479	-0.0023	0.9941	0.9939	0.0002
2024-01-21T13:59:48	1	0	45	44	1	1.0500	1.0498	-0.0002	-0.9916	-0.9916	0.0000
2024-01-21T14:00:29	2	0	77	77	0	1.0489	1.0489	0.0000	0.9978	0.9978	0.0000
2024-01-21T14:03:09	1	0	19	18	1	1.0483	1.0477	-0.0006	0.9617	0.9587	0.0030
2024-01-21T14:03:51	2	0	12	9	3	1.0491	1.0476	-0.0014	-0.9936	-0.9939	0.0003
2024-01-21T14:03:58	3	0	2	2	0	0.9984	0.9987	0.0003	0.9981	0.9981	0.0000
2024-01-21T14:04:50	4	0	1	1	0	1.0491	1.0486	-0.0005	-0.9998	-0.9998	0.0000
2024-01-21T14:05:20	1	0	21	19	2	1.0537	1.0533	-0.0004	0.9927	0.9924	0.0003
2024-01-21T14:05:44	22	0	8	7	1	1.0367	1.0355	-0.0012	0.9992	0.9991	0.0001
2024-01-21T14:05:49	4	0	75	73	2	1.0500	1.0500	0.0000	-0.9986	-0.9986	0.0000
2024-01-21T14:07:30	3	0	14	14	0	1.0472	1.0472	0.0000	-0.9876	-0.9875	-0.0001
2024-01-21T14:07:59	1	0	1	1	0	1.0563	1.0563	0.0000	0.9964	0.9965	-0.0001
2024-01-21T14:11:37	1	0	2	2	0	1.0472	1.0469	-0.0003	-0.9806	-0.9764	-0.0042
2024-01-21T14:13:35	2	0	1	1	0	1.0357	1.0357	0.0000	0.9924	0.9931	-0.0007
2024-01-21T14:13:53	2	0	28	28	0	1.0532	1.0532	-0.0001	-0.9684	-0.9685	0.0001
2024-01-21T14:14:02	3	0	32	32	0	1.0473	1.0466	-0.0007	0.9882	0.9879	0.0003
2024-01-21T14:14:20	4	0	3	3	0	1.0170	1.0163	-0.0007	-0.9994	-0.9995	0.0001
2024-01-21T14:14:39	2	0	12	12	0	1.0519	1.0518	-0.0001	-0.992	-0.992	0.0000
2024-01-21T14:14:57	1	0	3	3	0	1.0437	1.0436	-0.0001	-0.9999	-0.9999	0.0000
2024-01-21T14:15:35	7	0	5	3	2	1.0160	1.0222	0.0061	0.9835	0.9829	0.0006
2024-01-21T14:16:39	2	0	1	1	0	0.9911	0.9912	0.0001	-0.9783	-0.9783	0.0000
2024-01-21T14:17:37	3	0	14	14	0	0.9676	0.9675	0.0000	0.9927	0.9927	0.0000
2024-01-21T14:18:06	4	0	15	15	0	1.0483	1.0481	-0.0002	-0.9999	-0.9999	0.0000
2024-01-21T14:18:10	2	0	24	21	3	1.0485	1.0474	-0.0012	0.9723	0.9722	0.0001
2024-01-21T14:18:52	2	0	11	7	4	1.0514	1.0493	-0.0021	-0.9924	-0.9927	0.0003
2024-01-21T14:20:04	4	0	7	7	0	1.0481	1.0477	-0.0005	0.9996	0.9995	0.0001
2024-01-21T14:20:22	2	0	21	18	3	1.0536	1.0530	-0.0006	0.9932	0.9925	0.0007
2024-01-21T14:20:50	4	0	75	74	1	1.0489	1.0498	0.0009	-0.999	-0.999	0.0000
2024-01-21T14:21:17	1	0	6	5	1	1.0581	1.0494	-0.0086	1	1	0.0000
2024-01-21T14:21:45	3	0	14	14	0	1.0530	1.0529	-0.0001	0.9978	0.9977	0.0001
2024-01-21T14:23:00	1	0	1	1	0	1.0556	1.0555	-0.0001	0.9959	0.9958	0.0001
2024-01-21T14:26:35	1	0	13	13	0	1.0475	1.0475	0.0000	-0.9506	-0.951	0.0004
2024-01-21T14:28:57	1	0	2	2	0	1.0293	1.0290	-0.0003	0.9942	0.9925	0.0017
2024-01-21T14:29:08	5	0	28	28	0	1.0457	1.0454	-0.0003	0.9942	0.9939	0.0003
2024-01-21T14:29:21	4	0	9	9	0	0.9656	0.9660	0.0003	-0.9995	-0.9994	-0.0001
2024-01-21T14:29:40	2	0	15	15	0	1.0511	1.0510	0.0000	-0.9925	-0.9925	0.0000
2024-01-21T14:30:36	10	0	3	3	0	1.0076	1.0063	-0.0014	0.9828	0.9822	0.0006
2024-01-21T14:31:23	3	0	14	14	0	1.0378	1.0377	-0.0001	-0.9988	-0.9988	0.0000
2024-01-21T14:31:48	3	0	3	3	0	1.0276	1.0274	-0.0002	0.9915	0.9914	0.0001
2024-01-21T14:32:38	2	0	14	13	1	0.9688	0.9621	-0.0067	0.993	0.993	0.0000
2024-01-21T14:33:12	7	0	16	15	1	1.0493	1.0486	-0.0007	-1	-1	0.0000
2024-01-21T14:33:39	1	0	85	83	2	0.9562	0.9455	-0.0108	0.9918	0.992	-0.0002
2024-01-21T14:33:53	2	0	7	6	1	1.0467	1.0469	0.0002	-0.9937	-0.994	0.0003
2024-01-21T14:34:00	1	0	3	3	0	1.0504	1.0502	-0.0003	0.9995	0.9995	0.0000
2024-01-21T14:34:30	1	0	2	2	0	1.0356	1.0354	-0.0003	-0.9946	-0.9946	0.0000
2024-01-21T14:34:58	8	0	4	3	1	1.0317	1.0329	0.0012	-0.9996	-0.9997	0.0001
2024-01-21T14:35:05	4	0	4	4	0	1.0489	1.0488	-0.0002	0.9996	0.9996	0.0000
2024-01-21T14:35:20	1	0	4	4	0	1.0422	1.0422	0.0000	0.9951	0.9949	0.0002
2024-01-21T14:35:23	2	0	21	20	1	1.0535	1.0530	-0.0005	0.9955	0.9948	0.0007
2024-01-21T14:35:25	3	0	1	0	1	0.9439	null	null	-0.9972	-0.997	-0.0002
2024-01-21T14:35:51	5	0	51	51	0	1.0496	1.0495	-0.0001	-0.9986	-0.9986	0.0000
2024-01-21T14:36:46	3	0	7	7	0	1.0516	1.0515	-0.0001	0.9976	0.9976	0.0000

2024-01-21T14:36:57	2	0	16	15	1	1.0492	1.0486	-0.0006	-0.9957	-0.997	0.0013
2024-01-21T14:38:04	2	0	2	2	0	1.0464	1.0463	-0.0001	0.9952	0.9951	0.0001
2024-01-21T14:40:10	4	0	83	81	2	0.9406	0.9378	-0.0028	-0.9995	-0.9995	0.0000
2024-01-21T14:41:33	2	0	6	6	0	1.0330	1.0329	-0.0001	0.9936	0.9935	0.0001
2024-01-21T14:43:35	1	0	431	431	0	1.0628	1.0628	0.0000	0.9869	0.9868	0.0001
2024-01-21T14:44:02	1	0	1	1	0	1.0351	1.0350	-0.0001	-0.999	-0.999	0.0000
2024-01-21T14:44:16	5	0	18	18	0	1.0429	1.0427	-0.0002	0.989	0.9887	0.0003
2024-01-21T14:44:22	4	0	4	4	0	0.9989	0.9989	0.0001	-0.9961	-0.9961	0.0000
2024-01-21T14:44:41	2	0	14	14	0	1.0497	1.0497	0.0000	-0.9931	-0.9931	0.0000
2024-01-21T14:44:50	1	0	9	9	0	1.0488	1.0488	0.0000	0.9993	0.9993	0.0000
2024-01-21T14:45:37	8	0	3	3	0	1.0012	1.0009	-0.0003	0.9843	0.9842	0.0001
2024-01-21T14:46:41	2	0	2	2	0	0.9913	0.9914	0.0001	-0.9802	-0.9797	-0.0005
2024-01-21T14:48:40	1	0	28	25	3	0.9478	0.9486	0.0008	0.9927	0.9926	0.0001
2024-01-21T14:48:54	3	0	6	7	-1	1.0041	0.9956	-0.0085	0.9942	0.9941	0.0001
2024-01-21T14:48:54	1	0	7	5	2	1.0508	1.0478	-0.0030	-0.993	-0.9933	0.0003
2024-01-21T14:49:39	1	0	5	5	0	1.0297	1.0297	0.0000	0.9743	0.9742	0.0001
2024-01-21T14:50:15	3	0	4	3	1	1.0315	1.0332	0.0016	-0.9997	-0.9998	0.0001
2024-01-21T14:50:28	1	0	20	21	-1	1.0540	1.0530	-0.0010	0.9955	0.9948	0.0007
2024-01-21T14:58:17	1	0	17	17	0	1.0492	1.0491	0.0000	0.9971	0.997	0.0001
2024-01-21T15:03:41	1	0	12	16	-4	0.9475	0.9470	-0.0005	0.9922	0.992	0.0002
2024-01-21T15:03:55	1	0	6	5	1	1.0494	1.0472	-0.0022	-0.9926	-0.9929	0.0003
2024-01-21T15:03:55	3	0	30	30	0	0.9586	0.9586	0.0000	0.9926	0.9928	-0.0002
2024-01-21T15:05:30	1	0	22	20	2	1.0538	1.0533	-0.0006	0.9956	0.995	0.0006
2024-01-21T15:05:48	18	0	4	4	0	1.0084	1.0084	0.0001	0.9994	0.9994	0.0000
2024-01-21T15:06:59	2	0	18	17	1	1.0483	1.0483	0.0000	-0.9964	-0.9964	0.0000
2024-01-21T15:14:43	1	0	13	13	0	1.0494	1.0494	0.0000	-0.9917	-0.9917	0.0000
2024-01-21T15:14:52	1	0	9	9	0	1.0480	1.0479	-0.0001	0.9996	0.9995	0.0001
2024-01-21T15:18:42	1	0	95	93	2	0.9410	0.9416	0.0006	0.9924	0.9924	0.0000
2024-01-21T15:18:56	1	0	7	6	1	1.0466	1.0463	-0.0003	-0.9933	-0.9935	0.0002
2024-01-21T15:20:33	1	0	21	20	1	1.0536	1.0533	-0.0004	0.9964	0.9959	0.0005
2024-01-21T15:23:30	5	0	2	2	0	1.0280	1.0275	-0.0005	1	1	0.0000
2024-01-21T15:28:19	1	0	22	21	1	1.0525	1.0523	-0.0002	0.9973	0.9973	0.0000
2024-01-21T15:29:50	2	0	7	7	0	1.0361	1.0359	-0.0002	-0.9925	-0.9927	0.0002
2024-01-21T15:29:53	1	0	8	8	0	1.0490	1.0490	0.0000	0.9994	0.9995	-0.0001
2024-01-21T15:31:09	2	0	53	51	2	0.9639	0.9641	0.0002	0.9865	0.9865	0.0000
2024-01-21T15:32:42	1	0	32	33	-1	0.9400	0.9435	0.0035	0.992	0.992	0.0000
2024-01-21T15:33:57	1	0	2	2	0	1.0476	1.0466	-0.0010	-0.9925	-0.9928	0.0003
2024-01-21T15:35:58	1	0	2	2	0	0.9689	0.9689	0.0000	0.9991	0.9991	0.0000
2024-01-21T15:36:54	1	0	5	5	0	1.0535	1.0474	-0.0061	0.9999	0.9999	0.0000
2024-01-21T15:41:10	1	0	17	17	0	0.9445	0.9445	0.0000	0.9619	0.9611	0.0008
2024-01-21T15:44:54	1	0	7	7	0	1.0462	1.0461	-0.0001	0.9994	0.9995	-0.0001
2024-01-21T15:47:32	2	0	4	4	0	0.9980	0.9979	-0.0002	0.9995	0.9995	0.0000
2024-01-21T15:48:58	1	0	2	2	0	1.0468	1.0459	-0.0010	-0.9936	-0.9938	0.0002
2024-01-21T15:50:59	3	0	10	10	0	0.9582	0.9583	0.0001	0.999	0.999	0.0000
2024-01-21T16:01:13	1	0	62	61	1	0.9548	0.9548	0.0000	0.9865	0.9866	-0.0001
2024-01-21T16:03:47	1	0	4	4	0	1.0414	1.0409	-0.0005	1	1	0.0000
2024-01-21T16:03:59	1	0	1	0	1	1.0453	null	null	-0.9927	-0.9928	0.0001
2024-01-21T16:07:03	2	0	1	0	1	1.0721	null	null	1	1	0.0000
2024-01-21T16:31:15	1	0	66	65	1	0.9474	0.9474	0.0000	0.9865	0.9865	0.0000
2024-01-21T16:31:40	1	0	3	3	0	1.0206	1.0206	0.0000	-0.9992	-0.9994	0.0002
2024-01-21T16:37:20	1	0	1	1	0	1.0174	1.0169	-0.0005	-0.9874	-0.9875	0.0001
2024-01-21T16:47:36	1	0	79	76	3	0.9429	0.9429	0.0000	0.9991	0.9991	0.0000
2024-01-21T16:55:16	1	0	36	36	0	1.0589	1.0589	0.0000	0.9812	0.9812	0.0000
2024-01-21T17:01:17	1	0	72	71	1	0.9473	0.9489	0.0016	0.9863	0.9864	-0.0001
2024-01-21T17:02:37	3	0	133	132	1	0.9349	0.9349	0.0000	0.9985	0.9984	0.0001
2024-01-21T17:17:38	3	0	199	197	2	0.9278	0.9278	0.0000	0.9989	0.999	-0.0001
2024-01-21T17:30:03	1	0	22	22	0	0.9861	0.9861	0.0000	-0.9996	-0.9996	0.0000
2024-01-21T17:32:39	3	0	273	273	0	0.9312	0.9312	0.0000	0.9989	0.9989	0.0000
2024-01-21T17:45:04	1	0	17	17	0	1.0490	1.0489	0.0000	-0.9998	-0.9998	0.0000
2024-01-21T18:02:41	1	0	209	209	0	0.9335	0.9335	0.0000	1	1	0.0000
2024-01-21T18:04:18	2	0	33	32	1	0.9426	0.9427	0.0001	0.9993	0.9992	0.0001
2024-01-21T18:10:21	1	0	102	101	1	1.0606	1.0605	0.0000	0.9806	0.9806	0.0000
2024-01-21T18:15:06	1	0	18	18	0	0.9916	0.9916	0.0000	0.9988	0.9989	-0.0001
2024-01-21T18:17:42	1	0	203	201	2	0.9363	0.9363	0.0000	1	1	0.0000
2024-01-22T07:47:13	1	0	165	165	0	0.8924	0.8925	0.0000	0.9958	0.9958	0.0000
2024-01-22T07:49:53	1	0	175	175	0	0.9367	0.9368	0.0001	0.9882	0.9882	0.0000
2024-01-22T07:51:50	2	0	157	157	0	0.8997	0.8998	0.0001	0.9875	0.9875	0.0000
2024-01-22T07:54:36	2	0	148	147	1	0.8947	0.8949	0.0002	0.9978	0.9978	0.0000
2024-01-22T07:56:34	1	0	24	23	1	0.9407	0.9420	0.0014	0.982	0.9815	0.0005
2024-01-22T07:57:52	3	0	37	36	1	0.9354	0.9356	0.0002	0.9825	0.9825	0.0000
2024-01-22T07:58:09	3	0	551	550	1	1.0710	1.0710	0.0000	0.9938	0.9938	0.0000
2024-01-22T07:58:14	1	0	104	103	1	0.9338	0.9338	0.0000	-0.9999	-0.9999	0.0000
2024-01-22T07:58:51	1	0	89	89	0	0.9395	0.9395	0.0000	0.9984	0.9984	0.0000
2024-01-22T07:58:55	2	0	140	140	0	0.9266	0.9267	0.0001	0.9966	0.9966	0.0000
2024-01-22T08:02:04	4	0	314	314	0	0.9300	0.9301	0.0000	0.9959	0.9958	0.0001
2024-01-22T08:02:14	4	0	136	136	0	0.9065	0.9066	0.0001	0.9965	0.9963	0.0002
2024-01-22T08:03:50	2	0	129	129	0	0.9448	0.9448	0.0000	0.9995	0.9995	0.0000
2024-01-22T08:05:00	1	0	103	103	0	0.9327	0.9328	0.0000	-1	-1	0.0000
2024-01-22T08:06:46	6	0	242	241	1	0.9364	0.9366	0.0002	0.9913	0.9912	0.0001
2024-01-22T08:11:02	1	0	41	40	1	0.9415	0.9414	0.0000	0.9932	0.9932	0.0000
2024-01-22T08:11:35	1	0	48	48	0	0.9408	0.9409	0.0001	0.9861	0.9862	-0.0001
2024-01-22T08:13:37	2	0	70	68	2	0.9320	0.9322	0.0002	0.9981	0.998	0.0001
2024-01-22T08:14:34	1	0	62	61	1	0.9426	0.9427	0.0001	0.9901	0.9902	-0.0001
2024-01-22T08:14:35	1	0	58	57	1	0.9414	0.9414	0.0001	0.9972	0.994	0.0032
2024-01-22T08:17:15	2	0	156	156	0	0.8925	0.8926	0.0000	0.9845	0.9844	0.0001

2024-01-22T08:18:51	2	0	157	157	0	0.9342	0.9343	0.0001	0.999	0.999	0.0000
2024-01-22T08:23:57	1	0	127	127	0	0.9154	0.9155	0.0001	0.9679	0.9691	-0.0012
2024-01-22T08:24:17	1	0	80	80	0	0.9704	0.9704	0.0000	0.9673	0.967	0.0003
2024-01-22T08:28:38	2	0	82	82	0	0.9298	0.9299	0.0001	0.9977	0.9976	0.0001
2024-01-22T08:29:21	1	0	8	8	0	1.0499	1.0499	0.0000	0.9966	0.9967	-0.0001
2024-01-22T08:32:16	1	0	121	121	0	0.9120	0.9120	0.0000	0.9982	0.9981	0.0001
2024-01-22T08:33:28	1	0	20	20	0	0.9432	0.9433	0.0001	0.98	0.9796	0.0004
2024-01-22T08:33:52	3	0	87	87	0	0.9429	0.9430	0.0001	0.9998	0.9998	0.0000
2024-01-22T08:40:29	1	0	83	83	0	1.0573	1.0572	-0.0001	-0.9998	-0.9998	0.0000
2024-01-22T08:47:07	1	0	187	187	0	0.9328	0.9328	0.0000	0.9959	0.9959	0.0000
2024-01-22T08:51:24	1	0	8	8	0	0.9707	0.9708	0.0001	0.9962	0.9962	0.0000
2024-01-22T08:55:42	1	0	147	147	0	0.9400	0.9401	0.0002	0.9916	0.9916	0.0000
2024-01-22T09:02:10	1	0	4	4	0	1.0430	1.0430	0.0000	0.999	0.999	0.0000
2024-01-22T09:04:58	1	0	12	12	0	0.9605	0.9605	0.0000	0.9907	0.9907	0.0000
2024-01-22T09:05:06	1	0	40	39	1	0.9401	0.9402	0.0001	-0.9996	-0.9996	0.0000
2024-01-22T09:05:25	1	0	14	13	1	1.0502	1.0502	-0.0001	0.9978	0.9974	0.0004
2024-01-22T09:06:25	1	0	8	8	0	0.9832	0.9833	0.0001	0.9963	0.9963	0.0000
2024-01-22T09:06:55	2	0	158	158	0	0.9026	0.9030	0.0005	0.975	0.975	0.0000
2024-01-22T09:06:59	5	0	131	130	1	0.9981	0.9979	-0.0001	0.994	0.9938	0.0002
2024-01-22T09:09:00	1	0	118	118	0	0.9366	0.9371	0.0005	0.9688	0.9698	-0.0010
2024-01-22T09:09:41	2	0	146	146	0	0.8981	0.8988	0.0007	0.9985	0.998	0.0005
2024-01-22T09:09:45	1	0	156	153	3	1.0610	1.0608	-0.0001	0.977	0.9762	0.0008
2024-01-22T09:12:42	5	0	220	210	10	1.0619	1.0617	-0.0002	-0.9931	-0.9928	-0.0003
2024-01-22T09:13:17	4	0	485	478	7	1.0672	1.0672	0.0000	0.9924	0.9923	0.0001
2024-01-22T09:13:41	1	0	14	13	1	0.9454	0.9462	0.0008	0.9991	0.9991	0.0000
2024-01-22T09:14:00	2	0	16	16	0	0.9407	0.9409	0.0002	0.9994	0.9995	-0.0001
2024-01-22T09:14:24	1	0	8	8	0	1.0526	1.0525	-0.0001	0.9963	0.9963	0.0000
2024-01-22T09:14:38	1	0	67	64	3	0.9432	0.9434	0.0002	0.9912	0.9906	0.0006
2024-01-22T09:14:39	1	0	63	61	2	0.9410	0.9408	-0.0001	0.991	0.9854	0.0056
2024-01-22T09:17:19	7	0	128	127	1	0.9092	0.9100	0.0009	0.988	0.988	0.0000
2024-01-22T09:17:49	2	0	37	36	1	1.0345	1.0338	-0.0007	0.9557	0.9587	-0.0030
2024-01-22T09:18:31	4	0	26	25	1	0.9423	0.9428	0.0004	0.979	0.9789	0.0001
2024-01-22T09:20:28	2	0	23	22	1	1.0408	1.0495	0.0087	-1	-1	0.0000
2024-01-22T09:22:47	2	0	23	23	0	0.9399	0.9405	0.0006	0.9811	0.981	0.0001
2024-01-22T09:31:01	7	0	14	14	0	1.0409	1.0408	-0.0001	-0.9973	-0.9973	0.0000
2024-01-22T09:35:27	12	0	15	14	1	1.0476	1.0471	-0.0005	0.9984	0.9984	0.0000
2024-01-22T09:37:01	1	0	70	70	0	0.9909	0.9909	0.0001	0.9867	0.9865	0.0002
2024-01-22T09:40:53	1	0	1	1	0	1.0300	1.0296	-0.0004	0.9964	0.9963	0.0001
2024-01-22T09:42:37	1	0	80	80	0	1.1564	1.1553	-0.0011	-0.9922	-0.9923	0.0001
2024-01-22T09:45:40	1	0	95	96	-1	0.9388	0.9391	0.0003	0.9956	0.9956	0.0000
2024-01-22T09:46:22	2	0	3	3	0	1.0079	1.0081	0.0002	-0.9983	-0.9982	-0.0001
2024-01-22T09:47:03	2	0	13	12	1	1.0399	1.0394	-0.0005	0.9949	0.9948	0.0001
2024-01-22T09:47:11	1	0	72	64	8	0.9419	0.9421	0.0002	0.9971	0.9971	0.0000
2024-01-22T09:47:21	1	0	100	99	1	0.9209	0.9209	-0.0001	0.9865	0.9865	0.0000
2024-01-22T09:49:06	1	0	4	4	0	1.0471	1.0465	-0.0007	0.9984	0.9983	0.0001
2024-01-22T09:50:28	2	0	17	15	2	1.0494	1.0493	-0.0001	0.9961	0.9961	0.0000
2024-01-22T09:52:50	1	0	7	7	0	0.9455	0.9458	0.0003	0.9754	0.9752	0.0002
2024-01-22T09:54:05	1	0	96	96	0	0.9326	0.9326	0.0001	0.9704	0.9708	-0.0004
2024-01-22T09:58:22	2	0	2	2	0	0.9947	0.9944	-0.0004	-0.9984	-0.9977	-0.0007
2024-01-22T09:59:28	4	0	15	14	1	1.0531	1.0527	-0.0004	0.9964	0.9963	0.0001
2024-01-22T10:01:08	2	0	85	85	0	0.9390	0.9391	0.0001	0.9832	0.983	0.0002
2024-01-22T10:02:19	5	0	8	8	0	1.0428	1.0423	-0.0006	0.9978	0.9977	0.0001
2024-01-22T10:02:24	7	0	74	68	6	1.0539	1.0537	-0.0002	0.9797	0.9796	0.0001
2024-01-22T10:04:13	1	0	12	11	1	1.0474	1.0461	-0.0012	0.996	0.9959	0.0001
2024-01-22T10:04:47	4	0	15	14	1	1.0525	1.0520	-0.0005	0.9969	0.9968	0.0001
2024-01-22T10:04:51	1	0	16	13	3	1.0520	1.0519	-0.0001	0.948	0.9469	0.0011
2024-01-22T10:05:10	2	0	2	0	2	1.0454	null	null	-0.9994	-0.9995	0.0001
2024-01-22T10:06:59	2	0	106	105	1	0.9205	0.9205	0.0000	0.9735	0.9738	-0.0003
2024-01-22T10:08:10	5	0	13	13	0	1.0301	1.0299	-0.0002	0.9989	0.9988	0.0001
2024-01-22T10:08:29	5	0	3	3	0	0.9401	0.9412	0.0011	0.9995	0.9995	0.0000
2024-01-22T10:10:46	1	0	4	4	0	1.0075	1.0074	-0.0001	0.9828	0.9827	0.0001
2024-01-22T10:11:49	1	0	1	1	0	1.0275	1.0271	-0.0004	0.9818	0.9818	0.0000
2024-01-22T10:13:21	5	0	473	464	9	1.0682	1.0681	-0.0001	0.9809	0.9805	0.0004
2024-01-22T10:13:43	2	0	138	136	2	0.9362	0.9361	-0.0001	0.9896	0.9896	0.0000
2024-01-22T10:13:50	1	0	2	2	0	0.9447	0.9447	0.0000	0.9989	0.9989	0.0000
2024-01-22T10:14:29	1	0	7	7	0	1.0470	1.0469	-0.0001	0.9968	0.9968	0.0000
2024-01-22T10:15:22	3	0	6	6	0	1.0317	1.0310	-0.0008	0.9908	0.9907	0.0001
2024-01-22T10:16:07	2	0	6	6	0	1.0246	1.0244	-0.0002	1	1	0.0000
2024-01-22T10:16:24	1	0	4	4	0	1.0041	1.0037	-0.0003	-0.9967	-0.9968	0.0001
2024-01-22T10:17:06	1	0	10	10	0	1.0261	1.0262	0.0000	0.9963	0.9963	0.0000
2024-01-22T10:17:25	1	0	3	3	0	1.0290	1.0282	-0.0008	0.9982	0.9982	0.0000
2024-01-22T10:20:19	3	0	13	12	1	0.9375	0.9372	-0.0003	0.9901	0.9903	-0.0002
2024-01-22T10:21:30	2	0	2	2	0	1.0359	1.0357	-0.0003	0.9969	0.9969	0.0000
2024-01-22T10:24:25	8	0	113	111	2	1.0283	1.0283	0.0000	0.9684	0.9682	0.0002
2024-01-22T10:24:46	4	0	125	124	1	0.9279	0.9288	0.0009	0.9987	0.9988	-0.0001
2024-01-22T10:29:30	1	0	10	10	0	1.0500	1.0500	0.0000	0.9968	0.9968	0.0000
2024-01-22T10:32:26	5	0	39	39	0	1.0519	1.0519	0.0000	0.9788	0.9788	0.0000
2024-01-22T10:32:29	1	0	5	5	0	0.9485	0.9490	0.0005	0.9773	0.9774	-0.0001
2024-01-22T10:33:36	1	0	1	0	1	1.0451	null	null	-0.9948	-0.9948	0.0000
2024-01-22T10:33:51	1	0	5	5	0	1.0361	1.0359	-0.0002	0.9904	0.9903	0.0001
2024-01-22T10:34:27	3	0	4	4	0	1.0478	1.0467	-0.0012	0.9963	0.9961	0.0002
2024-01-22T10:34:54	1	0	26	26	0	1.0547	1.0545	-0.0002	0.9539	0.9537	0.0002
2024-01-22T10:35:05	1	0	58	57	1	1.0566	1.0565	0.0000	0.9951	0.995	0.0001
2024-01-22T10:35:37	2	0	11	10	1	1.0491	1.0455	-0.0036	0.996	0.996	0.0000
2024-01-22T10:36:31	1	0	5	5	0	1.0202	1.0198	-0.0004	0.9969	0.9968	0.0001

2024-01-22T10:37:07	1	0	121	120	1	1.0060	1.0058	-0.0002	0.9874	0.9874	0.0000
2024-01-22T10:39:35	1	0	75	75	0	1.0255	1.0255	0.0000	0.9582	0.9582	0.0000
2024-01-22T10:40:57	1	0	16	15	1	1.0494	1.0488	-0.0006	-0.9979	-0.9979	0.0000
2024-01-22T10:43:05	1	0	2	2	0	1.0057	1.0059	0.0002	0.9786	0.9786	0.0000
2024-01-22T10:43:44	1	0	11	11	0	1.0440	1.0439	-0.0001	0.9934	0.9934	0.0000
2024-01-22T10:44:10	1	0	1	1	0	1.0572	1.0567	-0.0005	0.9997	0.9997	0.0000
2024-01-22T10:44:17	1	0	4	4	0	1.0359	1.0357	-0.0001	0.9829	0.9828	0.0001
2024-01-22T10:44:31	1	0	9	9	0	1.0489	1.0489	0.0000	0.9968	0.9969	-0.0001
2024-01-22T10:45:24	1	0	5	4	1	1.0119	1.0318	0.0199	0.991	0.991	0.0000
2024-01-22T10:45:51	4	0	81	81	0	0.9410	0.9400	-0.0010	0.9886	0.9893	-0.0007
2024-01-22T10:46:09	1	0	8	8	0	1.0259	1.0258	-0.0001	1	1	0.0000
2024-01-22T10:48:37	2	0	9	10	-1	0.9547	0.9647	0.0100	0.9723	0.9721	0.0002
2024-01-22T10:49:01	1	0	2	2	0	1.0376	1.0373	-0.0002	-0.9995	-0.9995	0.0000
2024-01-22T10:49:56	1	0	36	31	5	1.0566	1.0565	-0.0001	0.9531	0.9527	0.0004
2024-01-22T10:50:13	2	0	3	2	1	0.9432	0.9434	0.0002	-0.9987	-0.9986	-0.0001
2024-01-22T10:50:24	2	0	27	27	0	0.9351	0.9355	0.0004	0.9909	0.991	-0.0001
2024-01-22T10:50:34	1	0	26	25	1	1.0498	1.0498	-0.0001	-1	-1	0.0000
2024-01-22T10:50:45	8	0	16	15	1	1.0506	1.0471	-0.0035	0.996	0.9959	0.0001
2024-01-22T10:52:47	1	0	1	1	0	1.0557	1.0553	-0.0004	0.9994	0.9994	0.0000
2024-01-22T10:54:35	1	0	33	33	0	1.0037	1.0037	0.0000	0.9589	0.9589	0.0000
2024-01-22T10:58:24	5	0	659	652	7	1.0695	1.0694	-0.0001	0.9841	0.9838	0.0003
2024-01-22T10:59:11	2	0	15	13	2	0.9512	0.9530	0.0018	0.9999	1	-0.0001
2024-01-22T10:59:32	1	0	9	9	0	1.0494	1.0494	0.0000	0.9968	0.9969	-0.0001
2024-01-22T11:00:39	1	0	9	9	0	1.0468	1.0466	-0.0002	0.9867	0.9867	0.0000
2024-01-22T11:00:52	3	0	79	78	1	0.9437	0.9445	0.0008	0.9882	0.9881	0.0001
2024-01-22T11:01:10	2	0	8	8	0	1.0323	1.0323	-0.0001	-1	-1	0.0000
2024-01-22T11:01:12	1	0	46	44	2	0.9405	0.9408	0.0003	0.9974	0.9974	0.0000
2024-01-22T11:01:30	1	0	2	2	0	1.0048	1.0045	-0.0003	0.9803	0.9797	0.0006
2024-01-22T11:02:29	2	0	70	68	2	1.0541	1.0540	-0.0001	0.9799	0.9799	0.0000
2024-01-22T11:02:31	1	0	1	0	1	1.0551	null	null	0.9807	0.9807	0.0000
2024-01-22T11:02:36	3	0	18	18	0	1.0459	1.0456	-0.0003	0.9987	0.9986	0.0001
2024-01-22T11:02:56	1	0	11	11	0	1.0091	1.0092	0.0001	0.9543	0.9541	0.0002
2024-01-22T11:03:38	2	0	2	2	0	1.0471	1.0454	-0.0017	-0.991	-0.9914	0.0004
2024-01-22T11:03:50	1	0	6	6	0	1.0512	1.0511	-0.0001	0.9962	0.9962	0.0000
2024-01-22T11:04:35	1	0	15	14	1	1.0466	1.0455	-0.0011	0.9971	0.9969	0.0002
2024-01-22T11:04:59	1	0	29	29	0	1.0545	1.0543	-0.0002	0.9556	0.9554	0.0002
2024-01-22T11:05:33	1	0	11	11	0	1.0494	1.0493	-0.0001	0.9987	0.9987	0.0000
2024-01-22T11:05:35	1	0	26	26	0	1.0496	1.0495	-0.0001	-1	-1	0.0000
2024-01-22T11:05:57	3	0	12	12	0	1.0497	1.0495	-0.0002	-0.9868	-0.9886	0.0018
2024-01-22T11:07:48	1	0	1	1	0	1.0453	1.0449	-0.0004	0.9993	0.9993	0.0000
2024-01-22T11:09:10	2	0	89	87	2	0.9401	0.9417	0.0016	0.97	0.971	-0.0010
2024-01-22T11:09:49	5	0	126	122	4	0.9326	0.9334	0.0008	0.999	0.9985	0.0005
2024-01-22T11:11:52	3	0	42	38	4	1.0559	1.0557	-0.0002	-1	-1	0.0000
2024-01-22T11:13:46	1	0	10	10	0	1.0447	1.0447	0.0000	0.9937	0.9937	0.0000
2024-01-22T11:14:12	1	0	2	2	0	1.0025	1.0015	-0.0011	0.9999	0.9999	0.0000
2024-01-22T11:14:33	1	0	14	14	0	1.0530	1.0530	-0.0001	0.9975	0.9975	0.0000
2024-01-22T11:14:53	1	0	9	8	1	1.0507	1.0494	-0.0013	0.9843	0.9841	0.0002
2024-01-22T11:15:54	1	0	91	85	6	0.9408	0.9409	0.0001	0.9893	0.9893	0.0000
2024-01-22T11:18:39	2	0	13	10	3	0.9637	0.9532	-0.0105	0.9765	0.9761	0.0004
2024-01-22T11:18:39	1	0	1	1	0	1.0387	1.0379	-0.0008	-0.9947	-0.995	0.0003
2024-01-22T11:19:09	1	0	2	2	0	1.0331	1.0330	-0.0001	0.9999	-0.9998	-0.0003
2024-01-22T11:19:42	1	0	11	10	1	1.0469	1.0453	-0.0016	0.9975	0.9974	0.0001
2024-01-22T11:20:02	2	0	27	26	1	1.0533	1.0529	-0.0003	0.9557	0.9555	0.0002
2024-01-22T11:20:08	2	0	66	65	1	1.0560	1.0559	-0.0001	0.9948	0.9944	0.0004
2024-01-22T11:20:34	1	0	13	12	1	1.0489	1.0489	0.0000	0.9982	0.9981	0.0001
2024-01-22T11:21:24	2	0	2	2	0	1.0310	1.0303	-0.0007	0.9969	0.9968	0.0001
2024-01-22T11:23:16	1	0	61	60	1	0.9292	0.9289	-0.0003	0.9945	0.9945	0.0000
2024-01-22T11:25:38	1	0	7	7	0	0.9991	0.9991	-0.0001	0.9873	0.9872	0.0001
2024-01-22T11:30:27	2	0	2	1	1	0.9841	1.0288	0.0447	0.9914	0.9914	0.0000
2024-01-22T11:30:47	1	0	1	1	0	1.0571	1.0571	0.0000	0.9992	0.9992	0.0000
2024-01-22T11:32:05	1	0	34	31	3	1.0521	1.0518	-0.0003	-0.9922	-0.9922	0.0000
2024-01-22T11:32:33	2	0	1	1	0	1.0561	1.0552	-0.0009	0.9821	0.9819	0.0002
2024-01-22T11:32:51	8	0	7	7	0	1.0451	1.0450	-0.0001	0.9988	0.9988	0.0000
2024-01-22T11:34:26	1	0	7	7	0	1.0537	1.0537	-0.0001	0.9977	0.9977	0.0000
2024-01-22T11:34:49	8	0	21	21	0	1.0483	1.0480	-0.0003	0.9978	0.9977	0.0001
2024-01-22T11:35:06	1	0	35	34	1	1.0553	1.0550	-0.0002	0.9539	0.9547	-0.0008
2024-01-22T11:35:50	1	0	11	12	-1	1.0360	1.0375	0.0016	0.9988	0.9987	0.0001
2024-01-22T11:36:07	7	0	18	15	3	1.0531	1.0487	-0.0043	0.9969	0.9968	0.0001
2024-01-22T11:36:25	2	0	2	2	0	1.0436	1.0436	0.0000	0.9971	0.9971	0.0000
2024-01-22T11:40:39	1	0	5	5	0	1.0092	1.0092	0.0000	0.988	0.988	0.0000
2024-01-22T11:40:52	1	0	4	4	0	0.9919	0.9919	0.0000	0.9821	0.9821	0.0000
2024-01-22T11:41:07	1	0	1	1	0	1.0453	1.0453	0.0000	0.9999	0.9999	0.0000
2024-01-22T11:44:50	1	0	4	4	0	1.0187	1.0187	0.0000	0.9933	0.9934	-0.0001
2024-01-22T11:46:15	5	0	157	146	11	1.0636	1.0636	0.0000	0.9683	0.9681	0.0002
2024-01-22T11:47:57	7	0	5	5	0	1.0391	1.0391	0.0000	0.9989	0.9989	0.0000
2024-01-22T11:48:41	1	0	1	0	1	1.0414	null	null	-0.9982	-0.9982	0.0000
2024-01-22T11:49:44	2	0	9	9	0	1.0501	1.0501	0.0000	0.9993	0.9993	0.0000
2024-01-22T11:49:56	9	0	28	24	4	1.0483	1.0483	0.0000	0.9983	0.9982	0.0001
2024-01-22T11:50:08	1	0	41	40	1	1.0571	1.0570	-0.0001	0.9697	0.9705	-0.0008
2024-01-22T11:50:58	3	0	1	1	0	1.0569	1.0560	-0.0009	0.9989	0.9988	0.0001
2024-01-22T11:51:14	2	0	12	10	2	1.0527	1.0463	-0.0064	0.9944	0.9943	0.0001
2024-01-22T11:52:11	1	0	18	17	1	1.0490	1.0484	-0.0006	-0.9965	-0.9965	0.0000
2024-01-22T11:53:18	1	0	2	3	-1	1.0466	1.0462	-0.0004	0.9911	0.9911	0.0000
2024-01-22T11:53:20	1	0	97	96	1	1.0548	1.0548	0.0000	-0.984	-0.9839	-0.0001
2024-01-22T11:53:50	1	0	73	72	1	1.0530	1.0530	0.0000	-0.9471	-0.947	-0.0001

2024-01-22T11:56:08	1	0	2	2	0	1.0368	1.0368	0.0000	0.9998	0.9997	0.0001
2024-01-22T11:56:56	1	0	1	1	0	1.0559	1.0555	-0.0004	0.9953	0.9953	0.0000
2024-01-22T12:00:44	1	0	19	18	1	1.0487	1.0482	-0.0006	0.9917	0.9917	0.0000
2024-01-22T12:02:06	1	0	49	49	0	1.0513	1.0513	0.0000	-0.9875	-0.9875	0.0000
2024-01-22T12:03:15	1	0	6	6	0	1.0517	1.0507	-0.0009	0.9785	0.9785	0.0000
2024-01-22T12:03:42	2	0	3	3	0	1.0473	1.0470	-0.0003	-0.998	-0.9981	0.0001
2024-01-22T12:04:45	1	0	4	4	0	1.0460	1.0460	0.0000	0.9955	0.9955	0.0000
2024-01-22T12:05:06	9	0	5	5	0	1.0424	1.0423	-0.0001	0.9954	0.9953	0.0001
2024-01-22T12:05:10	1	0	35	30	5	1.0574	1.0574	-0.0001	0.9508	0.9499	0.0009
2024-01-22T12:06:21	3	0	8	7	1	1.0561	1.0486	-0.0075	0.9861	0.9861	0.0000
2024-01-22T12:06:59	1	0	1	0	1	1.0173	null	null	-0.9883	-0.9885	0.0002
2024-01-22T12:10:41	1	0	5	8	-3	1.0438	1.0419	-0.0019	0.9939	0.994	-0.0001
2024-01-22T12:11:09	1	0	3	3	0	1.0396	1.0396	0.0000	1	1	0.0000
2024-01-22T12:11:57	1	0	1	1	0	1.0577	1.0575	-0.0002	0.9968	0.9968	0.0000
2024-01-22T12:15:50	1	0	2	2	0	1.0494	1.0494	0.0000	0.9994	0.9994	0.0000
2024-01-22T12:18:45	1	0	2	2	0	1.0459	1.0455	-0.0004	-0.9988	-0.9989	0.0001
2024-01-22T12:19:46	1	0	8	8	0	1.0420	1.0420	0.0000	0.9935	0.9935	0.0000
2024-01-22T12:21:29	3	0	1	0	1	1.1064	null	null	0.9866	0.9866	0.0000
2024-01-22T12:29:53	1	0	5	5	0	1.0359	1.0359	0.0000	0.9945	0.9945	0.0000
2024-01-22T12:33:42	1	0	6	7	-1	1.0400	1.0421	0.0021	0.9953	0.995	0.0003
2024-01-22T12:36:29	2	0	9	10	-1	1.0436	1.0426	-0.0010	0.9977	0.9978	-0.0001
2024-01-22T12:36:41	1	0	1	0	1	1.1118	null	null	0.9876	0.9875	0.0001
2024-01-22T12:38:23	1	0	174	173	1	1.0588	1.0588	0.0000	-0.9793	-0.9792	-0.0001
2024-01-22T12:53:24	10	0	205	205	0	1.0605	1.0604	-0.0001	-0.9824	-0.9824	0.0000
2024-01-22T13:05:17	10	0	2	2	0	1.0422	1.0421	-0.0001	0.9968	0.9968	0.0000
2024-01-22T13:15:49	1	0	40	39	1	1.0499	1.0497	-0.0002	0.9905	0.9905	0.0000
2024-01-22T13:19:21	1	0	57	56	1	1.0552	1.0552	0.0000	0.9989	0.9989	0.0000
2024-01-22T13:28:16	1	0	2	2	0	1.0179	1.0179	0.0000	0.9731	0.973	0.0001
2024-01-22T13:33:21	1	0	6	6	0	1.0541	1.0536	-0.0004	0.9757	0.9757	0.0000
2024-01-22T13:33:50	1	0	3	3	0	1.0449	1.0445	-0.0004	-0.997	-0.9971	0.0001
2024-01-22T13:35:36	2	0	9	9	0	1.0405	1.0402	-0.0004	0.9956	0.9955	0.0001
2024-01-22T13:48:51	1	0	3	3	0	1.0452	1.0446	-0.0006	-0.9975	-0.9976	0.0001
2024-01-22T13:50:25	1	0	55	52	3	1.0587	1.0588	0.0000	0.9697	0.9695	0.0002
2024-01-22T13:50:44	1	0	9	9	0	1.0461	1.0456	-0.0005	0.9959	0.9958	0.0001
2024-01-22T13:52:09	4	0	85	84	1	0.9396	0.9399	0.0003	0.9921	0.9928	-0.0007
2024-01-22T13:53:58	1	0	100	99	1	1.0542	1.0542	0.0000	-0.9478	-0.9478	0.0000
2024-01-22T13:57:04	1	0	1	1	0	1.0610	1.0608	-0.0002	0.9992	0.9991	0.0001
2024-01-22T14:03:19	3	0	25	24	1	1.0479	1.0479	0.0000	0.9839	0.9839	0.0000
2024-01-22T14:03:52	1	0	1	1	0	1.0411	1.0406	-0.0005	-0.9974	-0.9976	0.0002
2024-01-22T14:05:00	3	0	26	23	3	0.9624	0.9654	0.0029	0.9887	0.9888	-0.0001
2024-01-22T14:05:41	7	0	2	2	0	1.0265	1.0260	-0.0006	0.9984	0.9983	0.0001
2024-01-22T14:05:52	2	0	7	7	0	1.0373	1.0369	-0.0004	0.9954	0.9952	0.0002
2024-01-22T14:06:13	4	0	11	10	1	1.0508	1.0504	-0.0004	0.9955	0.9955	0.0000
2024-01-22T14:06:19	9	0	3	4	-1	0.9490	0.9478	-0.0012	0.978	0.9778	0.0002
2024-01-22T14:06:45	3	0	8	9	-1	1.0519	1.0485	-0.0034	0.9964	0.9965	-0.0001
2024-01-22T14:08:59	1	0	122	121	1	1.0555	1.0555	0.0000	-0.9503	-0.9503	0.0000
2024-01-22T14:10:49	1	0	6	6	0	1.0200	1.0200	-0.0001	0.9885	0.9895	-0.0010
2024-01-22T14:12:05	1	0	1	1	0	1.0580	1.0577	-0.0003	0.9983	0.9983	0.0000
2024-01-22T14:13:22	1	0	2	2	0	1.0768	1.0768	0.0000	0.9807	0.9807	0.0000
2024-01-22T14:15:07	6	0	36	32	4	1.0561	1.0558	-0.0003	0.9885	0.9884	0.0001
2024-01-22T14:15:38	2	0	3	2	1	0.9948	1.0223	0.0275	0.9877	0.9877	0.0000
2024-01-22T14:18:15	7	0	4	4	0	1.0336	1.0333	-0.0004	0.9977	0.9976	0.0001
2024-01-22T14:18:20	4	0	2	2	0	1.0225	1.0230	0.0006	0.9776	0.9767	0.0009
2024-01-22T14:19:07	1	0	1	1	0	1.0212	1.0210	-0.0002	0.9906	0.9905	0.0001
2024-01-22T14:19:30	1	0	1	1	0	1.0396	1.0396	0.0000	-0.9982	-0.9982	0.0000
2024-01-22T14:20:29	1	0	66	64	2	1.0581	1.0579	-0.0001	0.9723	0.9726	-0.0003
2024-01-22T14:21:00	2	0	4	4	0	1.0311	1.0308	-0.0003	0.9954	0.9954	0.0000
2024-01-22T14:21:46	1	0	3	3	0	1.0529	1.0528	-0.0001	0.9968	0.9967	0.0001
2024-01-22T14:22:11	1	0	1	1	0	0.9439	0.9446	0.0007	1	1	0.0000
2024-01-22T14:22:24	9	0	5	6	-1	1.0511	1.0519	0.0007	0.9942	0.9941	0.0001
2024-01-22T14:24:38	1	0	1	1	0	0.9801	0.9805	0.0004	0.9829	0.9829	0.0000
2024-01-22T14:25:50	1	0	6	6	0	1.0200	1.0200	0.0000	0.9899	0.9885	0.0014
2024-01-22T14:26:12	1	0	1	1	0	1.0269	1.0269	0.0000	0.9865	0.9863	0.0002
2024-01-22T14:28:23	1	0	3	3	0	1.0580	1.0579	-0.0001	0.9828	0.9828	0.0000
2024-01-22T14:30:10	1	0	18	18	0	1.0539	1.0538	0.0000	0.9908	0.9908	0.0000
2024-01-22T14:30:53	1	0	1	1	0	1.0454	1.0454	0.0000	0.9869	0.9869	0.0000
2024-01-22T14:31:10	2	0	72	72	0	0.9471	0.9475	0.0004	0.9889	0.9885	0.0004
2024-01-22T14:32:45	1	0	1	1	0	1.0574	1.0573	-0.0001	0.9705	0.9705	0.0000
2024-01-22T14:33:23	9	0	7	8	-1	1.0436	1.0446	0.0010	0.998	0.9979	0.0001
2024-01-22T14:33:54	2	0	3	1	2	1.0446	1.0411	-0.0035	-0.9986	-0.9988	0.0002
2024-01-22T14:33:55	1	0	5	5	0	1.0218	1.0216	-0.0002	0.9836	0.9835	0.0001
2024-01-22T14:34:11	1	0	1	1	0	1.0191	1.0190	-0.0001	0.9929	0.9929	0.0000
2024-01-22T14:34:31	1	0	2	2	0	1.0351	1.0350	-0.0002	-0.9986	-0.9986	0.0000
2024-01-22T14:35:31	2	0	43	39	4	1.0573	1.0571	-0.0002	0.9682	0.9678	0.0004
2024-01-22T14:35:47	6	0	9	9	0	1.0370	1.0372	0.0002	0.9991	0.9991	0.0000
2024-01-22T14:36:01	4	0	4	3	1	1.0353	1.0353	0.0000	0.9952	0.9951	0.0001
2024-01-22T14:36:21	2	0	49	48	1	1.0571	1.0570	0.0000	0.9758	0.9756	0.0002
2024-01-22T14:36:37	2	0	1	1	0	1.0295	1.0290	-0.0005	0.9929	0.993	-0.0001
2024-01-22T14:36:47	1	0	3	3	0	1.0514	1.0513	-0.0001	0.9965	0.9965	0.0000
2024-01-22T14:37:12	1	0	1	1	0	0.9416	0.9418	0.0002	0.9998	0.9999	-0.0001
2024-01-22T14:37:18	2	0	7	7	0	1.0505	1.0438	-0.0067	0.9969	0.9968	0.0001
2024-01-22T14:37:30	4	0	5	5	0	1.0544	1.0541	-0.0003	0.9911	0.9911	0.0000
2024-01-22T14:38:31	1	0	113	112	1	1.0564	1.0564	0.0000	-0.9834	-0.9833	-0.0001
2024-01-22T14:39:39	1	0	1	1	0	0.9792	0.9793	0.0001	0.9827	0.9827	0.0000
2024-01-22T14:40:51	1	0	6	6	0	1.0209	1.0208	0.0000	0.9904	0.9904	0.0000

2024-01-22T14:43:06	1	0	42	42	0	1.0520	1.0519	-0.0001	0.9998	0.9998	0.0000
2024-01-22T14:43:31	1	0	13	11	2	1.0474	1.0475	0.0001	0.9914	0.9913	0.0001
2024-01-22T14:44:08	1	0	1	1	0	1.0311	1.0296	-0.0015	-1	-1	0.0000
2024-01-22T14:44:41	2	0	11	11	0	1.0465	1.0465	-0.0001	-0.9995	-0.9995	0.0000
2024-01-22T14:45:11	1	0	18	18	0	1.0530	1.0530	0.0000	0.9902	0.9902	0.0000
2024-01-22T14:45:54	1	0	11	11	0	1.0467	1.0467	0.0000	0.9866	0.9866	0.0000
2024-01-22T14:48:22	4	0	2	2	0	1.0220	1.0221	0.0001	0.9809	0.9777	0.0032
2024-01-22T14:48:29	2	0	32	31	1	1.0470	1.0470	0.0000	0.9983	0.9983	0.0000
2024-01-22T14:50:06	3	0	1	1	0	0.9445	0.9449	0.0004	0.9939	0.9933	0.0006
2024-01-22T14:50:33	2	0	55	49	6	1.0584	1.0583	-0.0001	0.9693	0.9688	0.0005
2024-01-22T14:51:10	1	0	7	7	0	1.0348	1.0348	0.0000	0.9967	0.9967	0.0000
2024-01-22T14:54:51	2	0	70	70	0	0.9641	0.9641	0.0000	0.9666	0.967	-0.0004
2024-01-22T14:57:08	1	0	1	1	0	1.0554	1.0551	-0.0003	0.9986	0.9985	0.0001
2024-01-22T14:57:16	1	0	43	43	0	1.0489	1.0489	0.0000	-0.9988	-0.9985	-0.0003
2024-01-22T15:00:41	3	0	4	4	0	0.9842	0.9844	0.0002	0.9873	0.9873	0.0000
2024-01-22T15:02:43	2	0	5	5	0	1.0372	1.0370	-0.0002	0.9969	0.9968	0.0001
2024-01-22T15:03:56	1	0	1	1	0	1.0384	1.0376	-0.0008	-0.9986	-0.9987	0.0001
2024-01-22T15:04:40	3	0	19	19	0	1.0508	1.0506	-0.0002	-1	-1	0.0000
2024-01-22T15:05:07	1	0	4	4	0	1.0490	1.0490	0.0000	0.994	0.9933	0.0007
2024-01-22T15:05:35	1	0	97	94	3	1.0580	1.0577	-0.0003	0.9759	0.9754	0.0005
2024-01-22T15:06:23	2	0	204	203	1	1.0651	1.0650	0.0000	0.9752	0.975	0.0002
2024-01-22T15:06:49	1	0	2	2	0	1.0134	1.0136	0.0001	0.9961	0.9961	0.0000
2024-01-22T15:09:26	1	0	74	73	1	0.9354	0.9341	-0.0013	0.9788	0.9785	0.0003
2024-01-22T15:10:19	3	0	5	3	2	0.9890	0.9442	-0.0448	0.9964	0.9963	0.0001
2024-01-22T15:11:21	1	0	2	2	0	1.0432	1.0431	-0.0001	0.9999	0.9999	0.0000
2024-01-22T15:14:58	1	0	4	4	0	1.0246	1.0245	-0.0001	0.9909	0.9909	0.0000
2024-01-22T15:18:44	1	0	38	38	0	1.0491	1.0491	-0.0001	0.9979	0.9978	0.0001
2024-01-22T15:18:57	1	0	1	0	1	1.0454	null	null	-0.9985	-0.9986	0.0001
2024-01-22T15:20:37	1	0	47	43	4	1.0578	1.0577	-0.0001	0.9898	0.9896	0.0002
2024-01-22T15:30:43	1	0	4	3	1	1.0385	1.0314	-0.0071	0.988	0.988	0.0000
2024-01-22T15:33:58	1	0	2	1	1	1.0461	1.0453	-0.0008	-0.9981	-0.9983	0.0002
2024-01-22T15:37:34	3	0	2	2	0	0.9889	0.9890	0.0001	0.986	0.9858	0.0002
2024-01-22T15:37:49	1	0	2	2	0	1.0624	1.0482	-0.0143	0.9962	0.9962	0.0000
2024-01-22T15:39:28	1	0	81	81	0	0.9439	0.9443	0.0003	0.9763	0.9768	-0.0005
2024-01-22T15:41:17	1	0	2	2	0	1.0254	1.0254	0.0000	0.9903	0.9901	0.0002
2024-01-22T15:44:51	1	0	9	9	0	1.0479	1.0478	-0.0001	0.9997	0.9996	0.0001
2024-01-22T15:45:15	1	0	79	79	0	1.0575	1.0575	0.0000	0.98	0.98	0.0000
2024-01-22T15:49:00	1	0	14	13	1	1.0383	1.0367	-0.0017	0.9957	0.9957	0.0000
2024-01-22T15:50:42	1	0	95	88	7	1.0584	1.0583	0.0000	0.991	0.9907	0.0003
2024-01-22T15:50:52	3	0	25	25	0	1.0553	1.0541	-0.0012	0.9987	0.9987	0.0000
2024-01-22T15:52:03	1	0	1	0	1	0.9446	null	null	-0.9971	-0.9971	0.0000
2024-01-22T15:52:55	1	0	4	4	0	1.0503	1.0445	-0.0058	0.9973	0.9973	0.0000
2024-01-22T16:04:44	1	0	23	22	1	1.0520	1.0518	-0.0002	-0.9998	-0.9998	0.0000
2024-01-22T16:07:05	1	0	5	5	0	0.9861	0.9862	0.0001	-0.998	-0.9979	-0.0001
2024-01-22T16:19:57	3	0	79	76	3	1.0523	1.0521	-0.0002	0.9999	0.9999	0.0000
2024-01-22T16:34:03	1	0	5	4	1	1.0457	1.0455	-0.0002	-0.9992	-0.9992	0.0000
2024-01-22T16:35:55	1	0	32	32	0	1.0447	1.0447	0.0000	0.998	0.998	0.0000
2024-01-22T16:49:04	1	0	5	4	1	1.0458	1.0457	-0.0002	-0.9997	-0.9997	0.0000
2024-01-22T17:04:09	1	0	39	39	0	0.9509	0.9513	0.0004	0.9895	0.9896	-0.0001
2024-01-22T17:30:46	3	0	16	15	1	0.9430	0.9434	0.0004	0.9802	0.9794	0.0008
2024-01-22T17:31:24	1	0	71	70	1	0.9416	0.9453	0.0036	0.989	0.9796	0.0094
2024-01-22T17:49:51	1	0	75	74	1	1.0527	1.0526	0.0000	0.9967	0.9967	0.0000
2024-01-22T18:02:55	2	0	126	126	0	0.9411	0.9411	0.0000	0.9948	0.9948	0.0000
2024-01-23T07:51:54	2	0	178	178	0	0.8921	0.8922	0.0001	0.9668	0.9668	0.0000
2024-01-23T07:54:39	2	0	118	118	0	0.9347	0.9349	0.0002	-0.9998	-0.9998	0.0000
2024-01-23T07:57:42	1	0	132	131	1	1.0567	1.0567	0.0000	-1	-1	0.0000
2024-01-23T07:58:13	4	0	693	692	1	1.0685	1.0685	0.0000	0.9882	0.9881	0.0001
2024-01-23T08:21:49	3	0	21	19	2	1.0300	1.0297	-0.0003	0.9914	0.9913	0.0001
2024-01-23T08:24:55	1	0	102	100	2	0.9395	0.9397	0.0001	0.9773	0.977	0.0003
2024-01-23T08:29:24	1	0	15	15	0	1.0515	1.0515	0.0000	0.9965	0.9965	0.0000
2024-01-23T08:30:11	1	0	123	123	0	1.0542	1.0542	0.0000	0.9999	0.9999	0.0000
2024-01-23T08:36:50	3	0	12	12	0	0.9704	0.9706	0.0002	0.9915	0.9914	0.0001
2024-01-23T08:50:26	2	0	42	42	0	1.0546	1.0545	-0.0001	0.9993	0.9993	0.0000
2024-01-23T08:56:45	3	0	41	40	1	1.0557	1.0556	-0.0001	-0.9999	-0.9999	0.0000
2024-01-23T08:58:43	1	0	1	1	0	1.0345	1.0341	-0.0004	-0.9913	-0.9915	0.0002
2024-01-23T08:59:26	5	0	81	68	13	1.0555	1.0554	-0.0001	0.9963	0.9968	-0.0005
2024-01-23T09:02:55	1	0	55	54	1	1.0510	1.0509	-0.0001	0.9599	0.9599	0.0000
2024-01-23T09:03:34	1	0	3	3	0	1.0457	1.0454	-0.0003	-0.9954	-0.994	-0.0014
2024-01-23T09:06:52	6	0	32	27	5	1.0145	1.0217	0.0072	0.9935	0.9935	0.0000
2024-01-23T09:06:59	2	0	162	162	0	0.9039	0.9043	0.0003	0.9655	0.9655	0.0000
2024-01-23T09:12:47	1	0	45	44	1	1.0533	1.0532	-0.0001	0.9984	0.9984	0.0000
2024-01-23T09:13:18	6	0	587	575	12	1.0655	1.0655	0.0000	0.9761	0.9759	0.0002
2024-01-23T09:20:28	3	0	41	39	2	1.0550	1.0549	-0.0001	0.9994	0.9994	0.0000
2024-01-23T09:24:45	2	0	15	10	5	0.9559	0.9624	0.0065	0.9957	0.9957	0.0000
2024-01-23T09:25:00	2	0	76	75	1	0.9449	0.9455	0.0006	0.9763	0.976	0.0003
2024-01-23T09:27:48	1	0	38	38	0	1.0518	1.0516	-0.0001	0.9972	0.9973	-0.0001
2024-01-23T09:31:06	7	0	7	7	0	1.0243	1.0241	-0.0001	0.9994	0.9994	0.0000
2024-01-23T09:33:35	1	0	14	13	1	1.0394	1.0380	-0.0014	0.9918	0.9917	0.0001
2024-01-23T09:34:08	1	0	10	9	1	1.0442	1.0436	-0.0006	0.9993	0.9993	0.0000
2024-01-23T09:35:29	8	0	95	84	11	1.0586	1.0583	-0.0003	0.9992	0.9992	0.0000
2024-01-23T09:37:01	2	0	174	173	1	0.8973	0.8974	0.0001	0.9687	0.9688	-0.0001
2024-01-23T09:46:26	1	0	3	3	0	1.0190	1.0191	0.0001	-0.9868	-0.9867	-0.0001
2024-01-23T09:49:16	1	0	12	10	2	1.0446	1.0441	-0.0005	0.9987	0.9986	0.0001
2024-01-23T09:50:20	1	0	3	3	0	0.9699	0.9697	-0.0002	0.9953	0.9952	0.0001
2024-01-23T09:50:30	2	0	43	43	0	1.0550	1.0549	-0.0001	0.9993	0.9989	0.0004

2024-01-23T09:55:38	1	0	7	7	0	1.0087	1.0086	-0.0001	0.9801	0.98	0.0001
2024-01-23T09:58:26	2	0	1	1	0	0.9940	0.9934	-0.0006	-0.9943	-0.9942	-0.0001
2024-01-23T09:59:28	5	0	3	3	0	1.0383	1.0370	-0.0013	0.999	0.9989	0.0001
2024-01-23T09:59:50	1	0	17	16	1	1.0533	1.0531	-0.0002	0.9754	0.9753	0.0001
2024-01-23T10:01:27	1	0	2	2	0	1.0130	1.0131	0.0002	-0.988	-0.9879	-0.0001
2024-01-23T10:02:08	2	0	11	11	0	1.0391	1.0390	-0.0001	0.9964	0.9963	0.0001
2024-01-23T10:02:59	2	0	176	173	3	0.9950	0.9952	0.0002	0.9501	0.9501	0.0000
2024-01-23T10:03:32	7	0	259	258	1	0.9255	0.9256	0.0001	0.9697	0.9698	-0.0001
2024-01-23T10:05:31	3	0	38	35	3	1.0561	1.0558	-0.0003	0.9995	0.9992	0.0003
2024-01-23T10:06:41	1	0	1	1	0	0.9373	0.9385	0.0012	0.9998	0.9998	0.0000
2024-01-23T10:07:52	1	0	3	3	0	1.0227	1.0226	-0.0001	0.9959	0.9958	0.0001
2024-01-23T10:08:13	5	0	3	3	0	1.0276	1.0271	-0.0005	0.9981	0.998	0.0001
2024-01-23T10:08:16	5	0	174	167	7	1.0589	1.0588	-0.0001	-0.9837	-0.9837	0.0000
2024-01-23T10:09:48	5	0	61	52	9	0.9413	0.9419	0.0006	0.9976	0.9978	-0.0002
2024-01-23T10:11:13	3	0	1	1	0	0.9856	0.9867	0.0011	0.9935	0.9936	-0.0001
2024-01-23T10:12:40	1	0	1	0	1	1.0557	null	null	-0.9908	-0.9909	0.0001
2024-01-23T10:12:52	1	0	17	17	0	1.0477	1.0476	-0.0001	0.9939	0.994	-0.0001
2024-01-23T10:14:24	2	0	6	6	0	1.0465	1.0465	0.0000	0.9999	0.9998	0.0001
2024-01-23T10:14:31	1	0	14	14	0	1.0515	1.0515	0.0000	0.9967	0.9968	-0.0001
2024-01-23T10:15:18	1	0	38	37	1	1.0508	1.0507	-0.0002	0.9858	0.9858	0.0000
2024-01-23T10:15:55	1	0	1	1	0	1.0348	1.0343	-0.0005	0.9952	0.995	0.0002
2024-01-23T10:16:09	3	0	3	3	0	1.0208	1.0205	-0.0003	0.9996	0.9996	0.0000
2024-01-23T10:16:28	1	0	3	3	0	1.0177	1.0175	-0.0003	-0.989	-0.9891	0.0001
2024-01-23T10:19:32	3	0	15	14	1	1.0468	1.0461	-0.0007	0.9989	0.9988	0.0001
2024-01-23T10:20:54	4	0	1	0	1	1.0463	null	null	0.9996	0.9995	0.0001
2024-01-23T10:21:35	2	0	2	2	0	1.0367	1.0364	-0.0003	0.9959	0.9958	0.0001
2024-01-23T10:22:04	2	0	161	161	0	0.9254	0.9254	0.0000	0.9658	0.9655	0.0003
2024-01-23T10:24:27	2	0	15	15	0	1.0359	1.0355	-0.0004	0.9689	0.9705	-0.0016
2024-01-23T10:28:44	1	0	8	8	0	1.0437	1.0436	-0.0001	0.9937	0.9936	0.0001
2024-01-23T10:28:46	2	0	30	30	0	0.9490	0.9490	0.0000	0.9918	0.9917	0.0001
2024-01-23T10:29:10	1	0	1	1	0	1.0596	1.0592	-0.0004	-0.9758	-0.9759	0.0001
2024-01-23T10:29:25	1	0	12	12	0	1.0460	1.0460	0.0000	1	1	0.0000
2024-01-23T10:29:32	1	0	15	15	0	1.0485	1.0485	0.0000	0.999	0.999	0.0000
2024-01-23T10:29:41	2	0	12	11	1	1.0481	1.0479	-0.0002	0.9991	0.9991	0.0000
2024-01-23T10:32:00	1	0	38	37	1	1.0512	1.0511	-0.0001	-0.9851	-0.9851	0.0000
2024-01-23T10:32:25	1	0	2	2	0	1.0314	1.0313	-0.0001	0.9911	0.991	0.0001
2024-01-23T10:32:29	7	0	54	49	5	1.0535	1.0532	-0.0003	0.98	0.9798	0.0002
2024-01-23T10:33:34	1	0	181	179	2	0.9329	0.9329	0.0001	0.9789	0.9789	0.0000
2024-01-23T10:33:39	4	0	2	2	0	1.0166	1.0172	0.0006	0.9795	0.9798	-0.0003
2024-01-23T10:34:51	4	0	6	6	0	1.0492	1.0487	-0.0005	0.9983	0.9982	0.0001
2024-01-23T10:34:58	1	0	19	16	3	1.0531	1.0525	-0.0005	0.9727	0.9717	0.0010
2024-01-23T10:35:09	1	0	4	4	0	1.0409	1.0407	-0.0002	0.9978	0.9977	0.0001
2024-01-23T10:35:35	2	0	7	7	0	1.0521	1.0476	-0.0045	0.9864	0.9879	-0.0015
2024-01-23T10:35:55	1	0	1	1	0	1.0497	1.0493	-0.0004	0.9991	0.999	0.0001
2024-01-23T10:36:58	1	0	36	36	0	0.9404	0.9404	0.0000	0.9886	0.9884	0.0002
2024-01-23T10:39:28	4	0	34	33	1	1.0092	1.0108	0.0015	0.9702	0.9698	0.0004
2024-01-23T10:43:30	1	0	1	1	0	1.0585	1.0581	-0.0004	0.9995	0.9995	0.0000
2024-01-23T10:44:33	1	0	22	22	0	1.0529	1.0529	0.0000	0.9994	0.9994	0.0000
2024-01-23T10:46:11	2	0	6	6	0	1.0294	1.0294	0.0000	0.9997	0.9997	0.0000
2024-01-23T10:48:35	1	0	78	78	0	0.9385	0.9385	0.0000	0.9803	0.9803	0.0000
2024-01-23T10:48:49	1	0	4	4	0	1.0488	1.0486	-0.0002	0.9964	0.9964	0.0000
2024-01-23T10:49:46	1	0	27	26	1	1.0492	1.0491	-0.0002	0.9994	0.9993	0.0001
2024-01-23T10:50:00	1	0	17	16	1	1.0532	1.0530	-0.0002	0.9734	0.9728	0.0006
2024-01-23T10:50:10	1	0	4	4	0	1.0475	1.0474	-0.0001	0.9977	0.9976	0.0001
2024-01-23T10:50:34	2	0	30	30	0	1.0538	1.0537	-0.0001	0.9998	0.9998	0.0000
2024-01-23T10:50:40	1	0	48	48	0	1.0451	1.0451	0.0000	0.9982	0.9982	0.0000
2024-01-23T10:51:37	1	0	1	1	0	1.0614	1.0599	-0.0015	0.9953	0.9952	0.0001
2024-01-23T10:52:55	2	0	1	0	1	0.9631	null	null	0.9723	0.9722	0.0001
2024-01-23T10:54:29	2	0	44	44	0	1.0075	1.0074	-0.0001	0.965	0.9688	-0.0038
2024-01-23T10:57:43	1	0	79	79	0	1.1504	1.1501	-0.0003	-0.9947	-0.9947	0.0000
2024-01-23T10:58:09	1	0	2	2	0	1.0104	1.0107	0.0003	0.9718	0.9719	-0.0001
2024-01-23T10:58:46	2	0	10	10	0	1.0418	1.0417	-0.0001	0.9956	0.9955	0.0001
2024-01-23T10:59:34	1	0	20	20	0	1.0507	1.0507	0.0000	0.9993	0.9994	-0.0001
2024-01-23T10:59:43	1	0	1	1	0	0.9736	0.9742	0.0006	0.9889	0.9665	0.0224
2024-01-23T10:59:54	2	0	21	19	2	1.0486	1.0486	0.0000	0.9991	0.9991	0.0000
2024-01-23T11:00:43	1	0	11	11	0	1.0465	1.0464	-0.0001	0.9969	0.9969	0.0000
2024-01-23T11:01:34	1	0	1	1	0	1.0204	1.0198	-0.0006	0.9702	0.9699	0.0003
2024-01-23T11:02:12	1	0	10	10	0	1.0238	1.0239	0.0000	0.9972	0.9972	0.0000
2024-01-23T11:02:31	3	0	65	64	1	1.0540	1.0539	0.0000	0.981	0.981	0.0000
2024-01-23T11:02:32	1	0	1	1	0	1.0570	1.0557	-0.0013	0.9787	0.9785	0.0002
2024-01-23T11:03:43	1	0	9	8	1	1.0534	1.0525	-0.0009	0.9884	0.9884	0.0000
2024-01-23T11:04:06	1	0	2	2	0	1.0316	1.0315	-0.0001	-0.9972	-0.9973	0.0001
2024-01-23T11:04:54	1	0	4	4	0	1.0344	1.0342	-0.0002	0.9969	0.9968	0.0001
2024-01-23T11:05:01	1	0	15	14	1	1.0530	1.0525	-0.0005	0.9736	0.9724	0.0012
2024-01-23T11:05:25	7	0	24	20	4	0.9383	0.9380	-0.0003	0.9939	0.9943	-0.0004
2024-01-23T11:05:52	1	0	8	7	1	1.0545	1.0480	-0.0065	0.9895	0.9895	0.0000
2024-01-23T11:09:52	1	0	12	9	3	0.9434	0.9432	-0.0002	0.9972	0.9972	0.0000
2024-01-23T11:11:17	1	0	3	3	0	1.0109	1.0107	-0.0001	0.993	0.993	0.0000
2024-01-23T11:11:55	1	0	2	1	1	1.0363	1.0354	-0.0009	-1	-1	0.0000
2024-01-23T11:17:22	2	0	4	4	0	0.9628	0.9632	0.0004	0.9955	0.9955	0.0000
2024-01-23T11:18:43	1	0	2	0	2	1.0455	null	null	-0.9961	-0.9962	0.0001
2024-01-23T11:19:16	1	0	2	2	0	1.0344	1.0343	-0.0002	-0.9951	-0.9951	0.0000
2024-01-23T11:20:03	1	0	14	13	1	1.0526	1.0522	-0.0004	0.9781	0.977	0.0011
2024-01-23T11:20:26	1	0	10	10	0	0.9382	0.9382	0.0000	0.9953	0.9953	0.0000
2024-01-23T11:21:01	4	0	11	10	1	1.0530	1.0525	-0.0005	0.8651	0.8707	-0.0056

2024-01-23T11:23:21	3	0	118	116	2	1.0554	1.0554	0.0000	-0.9776	-0.9775	-0.0001
2024-01-23T11:24:31	3	0	23	23	0	1.0028	1.0027	0.0000	0.9652	0.9649	0.0003
2024-01-23T11:25:49	2	0	1	1	0	1.0076	1.0056	-0.0020	0.9994	0.9993	0.0001
2024-01-23T11:28:31	8	0	248	244	4	1.0600	1.0599	-0.0001	0.9716	0.966	0.0056
2024-01-23T11:30:06	6	0	5	5	0	1.0438	1.0436	-0.0002	0.9975	0.9974	0.0001
2024-01-23T11:31:14	10	0	7	7	0	1.0371	1.0370	0.0000	-0.9999	-0.9999	0.0000
2024-01-23T11:31:49	4	0	1	1	0	1.0424	1.0410	-0.0014	0.9937	0.9927	0.0010
2024-01-23T11:32:04	1	0	48	46	2	1.0516	1.0515	-0.0002	-0.9852	-0.9852	0.0000
2024-01-23T11:32:41	5	0	1	0	1	1.0308	null	null	-0.9943	-0.9944	0.0001
2024-01-23T11:33:44	2	0	2	2	0	1.0476	1.0465	-0.0011	-0.9945	-0.9948	0.0003
2024-01-23T11:34:16	1	0	1	1	0	1.0399	1.0399	0.0000	-0.9942	-0.9942	0.0000
2024-01-23T11:34:35	1	0	5	6	-1	1.0522	1.0526	0.0004	0.9974	0.9974	0.0000
2024-01-23T11:35:06	2	0	13	12	1	1.0517	1.0512	-0.0005	0.9781	0.9772	0.0009
2024-01-23T11:35:39	1	0	15	14	1	1.0475	1.0465	-0.0010	-1	-1	0.0000
2024-01-23T11:36:07	3	0	9	7	2	1.0547	1.0491	-0.0057	0.9903	0.9902	0.0001
2024-01-23T11:36:50	2	0	13	12	1	1.0486	1.0488	0.0002	-0.9925	-0.9927	0.0002
2024-01-23T11:38:22	3	0	161	159	2	1.0591	1.0590	-0.0001	-0.9754	-0.9754	0.0000
2024-01-23T11:39:30	1	0	1	1	0	0.9824	0.9827	0.0003	0.981	0.981	0.0000
2024-01-23T11:45:24	2	0	36	34	2	1.0496	1.0492	-0.0004	0.9868	0.9868	0.0000
2024-01-23T11:46:34	3	0	1	2	-1	1.0565	1.0237	-0.0327	-0.9879	-0.9879	0.0000
2024-01-23T11:47:24	2	0	7	8	-1	0.9890	0.9834	-0.0056	0.9988	0.9988	0.0000
2024-01-23T11:47:51	5	0	2	2	0	1.0354	1.0350	-0.0004	-0.9949	-0.9949	0.0000
2024-01-23T11:48:45	2	0	2	2	0	1.0461	1.0453	-0.0008	-0.9964	-0.9965	0.0001
2024-01-23T11:49:52	1	0	11	11	0	1.0543	1.0542	-0.0001	0.998	0.998	0.0000
2024-01-23T11:49:56	4	0	7	8	-1	1.0500	1.0509	0.0009	0.9988	0.9988	0.0000
2024-01-23T11:50:09	1	0	13	12	1	1.0519	1.0514	-0.0005	0.9741	0.9739	0.0002
2024-01-23T11:50:28	6	0	1	0	1	1.0583	null	null	0.9979	0.9979	0.0000
2024-01-23T11:50:44	1	0	48	47	1	1.0524	1.0524	0.0000	0.9984	0.9984	0.0000
2024-01-23T11:51:00	4	0	1	0	1	1.0456	null	null	0.9997	0.9984	0.0013
2024-01-23T11:52:44	3	0	2	2	0	1.0571	1.0566	-0.0005	0.9956	0.9956	0.0000
2024-01-23T11:54:33	7	0	27	21	6	1.0062	0.9933	-0.0129	0.9648	0.965	-0.0002
2024-01-23T12:00:31	3	0	3	3	0	0.9857	0.9850	-0.0007	0.9903	0.9902	0.0001
2024-01-23T12:02:25	2	0	1	1	0	1.0210	1.0210	0.0000	0.9984	0.9984	0.0000
2024-01-23T12:03:46	2	0	6	6	0	1.0481	1.0479	-0.0003	-0.9953	-0.9954	0.0001
2024-01-23T12:05:11	1	0	13	12	1	1.0520	1.0516	-0.0003	0.9675	0.9676	-0.0001
2024-01-23T12:05:52	1	0	1	1	0	1.0149	1.0144	-0.0005	-0.9914	-0.9915	0.0001
2024-01-23T12:06:30	1	0	5	5	0	1.0389	1.0389	0.0000	0.9964	0.9964	0.0000
2024-01-23T12:08:24	3	0	203	202	1	1.0595	1.0595	0.0000	-0.973	-0.9729	-0.0001
2024-01-23T12:19:33	1	0	24	23	1	1.0544	1.0543	-0.0001	0.9991	0.999	0.0001
2024-01-23T12:20:42	2	0	45	44	1	1.0485	1.0485	0.0000	-0.9996	-0.9996	0.0000
2024-01-23T12:20:50	1	0	81	80	1	1.0662	1.0662	-0.0001	1	1	0.0000
2024-01-23T12:20:53	1	0	1	0	1	1.0151	null	null	-0.9959	-0.996	0.0001
2024-01-23T12:23:25	5	0	247	245	2	1.0603	1.0603	0.0000	-0.9715	-0.9715	0.0000
2024-01-23T12:32:54	5	0	8	9	-1	0.9612	0.9694	0.0082	-0.9939	-0.9938	-0.0001
2024-01-23T12:33:48	1	0	10	10	0	1.0496	1.0495	-0.0002	-0.9989	-0.9989	0.0000
2024-01-23T12:36:40	1	0	1	0	1	1.1116	null	null	0.9888	0.9888	0.0000
2024-01-23T12:37:47	3	0	7	8	-1	1.0514	1.0507	-0.0007	0.9939	0.994	-0.0001
2024-01-23T12:45:34	3	0	483	8	475	1.0872	1.0161	-0.0710	0.9771	0.9999	-0.0228
2024-01-23T12:49:21	1	0	1	2	-1	1.0389	1.0342	-0.0048	-0.9966	-0.9966	0.0000
2024-01-23T12:51:55	2	0	4	5	-1	1.0484	1.0479	-0.0006	-0.9997	-0.9997	0.0000
2024-01-23T12:58:17	1	0	4	4	0	1.0063	1.0063	0.0000	0.9827	0.9826	0.0001
2024-01-23T12:59:45	1	0	24	24	0	1.0473	1.0473	0.0000	-0.9991	-0.9991	0.0000
2024-01-23T13:01:28	1	0	24	23	1	1.0521	1.0519	-0.0002	-0.9983	-0.9983	0.0000
2024-01-23T13:02:29	1	0	3	3	0	1.0504	1.0504	0.0000	0.9999	0.9999	0.0000
2024-01-23T13:06:27	2	0	7	7	0	1.0384	1.0383	-0.0001	0.994	0.994	0.0000
2024-01-23T13:09:38	5	0	21	16	5	1.0443	1.0411	-0.0032	0.9705	0.9671	0.0034
2024-01-23T13:20:13	1	0	65	60	5	1.0587	1.0587	-0.0001	0.9978	0.9978	0.0000
2024-01-23T13:23:29	1	0	272	269	3	1.0606	1.0606	0.0000	-0.9841	-0.984	-0.0001
2024-01-23T13:30:04	3	0	18	16	2	1.0546	1.0543	-0.0003	0.9755	0.9754	0.0001
2024-01-23T13:38:30	9	0	364	358	6	1.0622	1.0621	-0.0001	-0.9671	-0.9673	0.0002
2024-01-23T13:39:40	2	0	37	37	0	1.0317	1.0317	0.0000	0.9725	0.9725	0.0000
2024-01-23T13:45:08	1	0	29	25	4	1.0556	1.0554	-0.0001	0.9727	0.9726	0.0001
2024-01-23T13:45:32	2	0	61	59	2	1.0529	1.0527	-0.0002	0.9865	0.9865	0.0000
2024-01-23T13:48:53	1	0	3	3	0	1.0494	1.0489	-0.0004	-0.9914	-0.9892	-0.0022
2024-01-23T13:53:31	6	0	325	318	7	1.0620	1.0619	-0.0001	-0.9699	-0.97	0.0001
2024-01-23T13:54:18	1	0	38	37	1	1.0529	1.0528	-0.0001	0.9998	0.9998	0.0000
2024-01-23T14:02:01	2	0	1	0	1	1.0550	null	null	0.9999	0.9999	0.0000
2024-01-23T14:03:54	2	0	3	3	0	1.0495	1.0488	-0.0007	-0.9911	-0.9914	0.0003
2024-01-23T14:04:40	1	0	22	22	0	1.0541	1.0541	0.0000	0.9979	0.9979	0.0000
2024-01-23T14:05:06	7	0	25	23	2	1.0521	1.0522	0.0001	0.9998	0.9998	0.0000
2024-01-23T14:05:24	1	0	13	12	1	1.0501	1.0495	-0.0006	0.9684	0.9677	0.0007
2024-01-23T14:05:37	1	0	4	4	0	1.0335	1.0335	0.0000	0.9993	0.9993	0.0000
2024-01-23T14:10:22	2	0	2	3	-1	1.0112	0.9889	-0.0222	0.9775	0.9779	-0.0004
2024-01-23T14:13:31	1	0	9	9	0	1.0485	1.0485	0.0000	0.9817	0.9817	0.0000
2024-01-23T14:14:47	5	0	2	2	0	1.0478	1.0478	0.0000	1	1	0.0000
2024-01-23T14:14:50	1	0	32	30	2	1.0490	1.0493	0.0002	-0.9981	-0.9981	0.0000
2024-01-23T14:15:15	1	0	24	22	2	1.0546	1.0545	-0.0001	0.9769	0.9769	0.0000
2024-01-23T14:18:01	5	0	2	2	0	1.0361	1.0354	-0.0007	-0.9936	-0.9937	0.0001
2024-01-23T14:18:55	2	0	12	10	2	1.0466	1.0466	-0.0001	-0.9918	-0.9921	0.0003
2024-01-23T14:19:28	1	0	1	1	0	1.0171	1.0168	-0.0003	0.9774	0.9768	0.0006
2024-01-23T14:19:41	3	0	13	13	0	1.0523	1.0522	-0.0001	0.9981	0.998	0.0001
2024-01-23T14:20:07	4	0	20	20	0	1.0516	1.0515	-0.0001	0.9998	0.9998	0.0000
2024-01-23T14:20:14	9	0	5	5	0	1.0400	1.0398	-0.0002	0.9948	0.9946	0.0002
2024-01-23T14:20:17	1	0	34	34	0	1.0541	1.0540	0.0000	0.9954	0.9954	0.0000
2024-01-23T14:20:26	2	0	11	11	0	1.0506	1.0503	-0.0003	0.9576	0.9561	0.0015

2024-01-23T14:20:28	3	0	11	5	6	0.9431	0.9431	0.0000	-0.9949	-0.9945	-0.0004
2024-01-23T14:20:38	1	0	4	4	0	1.0351	1.0350	-0.0001	-0.9995	-0.9995	0.0000
2024-01-23T14:22:01	6	0	21	20	1	1.0498	1.0492	-0.0006	-0.996	-0.9962	0.0002
2024-01-23T14:24:43	4	0	19	19	0	1.0441	1.0439	-0.0002	0.9707	0.9707	0.0000
2024-01-23T14:28:28	2	0	3	3	0	1.0585	1.0584	-0.0001	0.9847	0.9846	0.0001
2024-01-23T14:29:48	5	0	5	5	0	1.0486	1.0485	-0.0001	0.9998	0.9998	0.0000
2024-01-23T14:29:51	1	0	25	25	0	1.0490	1.0490	0.0000	-0.9985	-0.9985	0.0000
2024-01-23T14:30:16	1	0	17	17	0	1.0542	1.0542	0.0000	0.9776	0.9776	0.0000
2024-01-23T14:30:25	4	0	16	14	2	1.0483	1.0486	0.0003	0.9983	0.9983	0.0000
2024-01-23T14:31:15	2	0	2	2	0	1.0265	1.0263	-0.0002	0.9952	0.9951	0.0001
2024-01-23T14:33:02	5	0	4	4	0	1.0362	1.0361	-0.0001	-0.9926	-0.9926	0.0000
2024-01-23T14:33:21	1	0	2	2	0	1.0003	1.0003	-0.0001	0.9244	0.9246	-0.0002
2024-01-23T14:33:56	2	0	15	15	0	1.0478	1.0474	-0.0004	-0.9882	-0.9888	0.0006
2024-01-23T14:34:32	1	0	1	1	0	1.0200	1.0199	-0.0001	0.9759	0.9755	0.0004
2024-01-23T14:34:42	3	0	26	26	0	1.0546	1.0546	0.0000	0.9986	0.9986	0.0000
2024-01-23T14:35:08	10	0	26	25	1	1.0523	1.0524	0.0001	0.9999	0.9999	0.0000
2024-01-23T14:35:22	4	0	3	3	0	1.0400	1.0398	-0.0003	0.9943	0.9942	0.0001
2024-01-23T14:35:25	4	0	47	46	1	1.0606	1.0605	-0.0001	0.9959	0.9958	0.0001
2024-01-23T14:35:28	2	0	16	16	0	1.0516	1.0514	-0.0002	0.986	0.9848	0.0012
2024-01-23T14:35:29	3	0	16	15	1	0.9415	0.9416	0.0001	-0.995	-0.9949	-0.0001
2024-01-23T14:35:49	2	0	18	18	0	1.0517	1.0517	0.0000	0.9989	0.9989	0.0000
2024-01-23T14:35:51	1	0	15	14	1	1.0470	1.0469	-0.0001	0.9979	0.9979	0.0000
2024-01-23T14:37:02	4	0	18	18	0	1.0471	1.0469	-0.0002	-0.9974	-0.9975	0.0001
2024-01-23T14:40:43	3	0	14	13	1	1.0448	1.0457	0.0009	1	1	0.0000
2024-01-23T14:41:15	1	0	1	1	0	1.0329	1.0329	0.0000	0.9598	0.9598	0.0000
2024-01-23T14:42:06	1	0	1	1	0	1.0306	1.0302	-0.0004	0.9834	0.9844	-0.0010
2024-01-23T14:42:12	1	0	1	0	1	1.0559	null	null	0.9993	0.9993	0.0000
2024-01-23T14:43:10	1	0	71	71	0	1.0540	1.0540	0.0000	0.9978	0.9964	0.0014
2024-01-23T14:43:19	1	0	2	2	0	1.0467	1.0464	-0.0003	0.9943	0.9943	0.0000
2024-01-23T14:44:49	5	0	13	14	-1	1.0482	1.0479	-0.0003	0.9999	0.9999	0.0000
2024-01-23T14:45:02	1	0	15	15	0	1.0472	1.0472	0.0000	-0.9996	-0.9996	0.0000
2024-01-23T14:45:17	1	0	27	27	0	1.0555	1.0555	0.0000	0.9766	0.9765	0.0001
2024-01-23T14:45:36	9	0	26	26	0	1.0457	1.0456	-0.0001	0.9982	0.9982	0.0000
2024-01-23T14:46:18	8	0	2	2	0	1.0326	1.0314	-0.0012	0.9958	0.9948	0.0010
2024-01-23T14:46:41	7	0	20	20	0	1.0437	1.0436	-0.0002	-0.9985	-0.9988	0.0003
2024-01-23T14:47:27	2	0	32	32	0	1.0465	1.0464	-0.0001	0.9993	0.9993	0.0000
2024-01-23T14:48:19	1	0	30	29	1	1.0545	1.0543	-0.0002	0.9627	0.9626	0.0001
2024-01-23T14:48:57	2	0	33	28	5	1.0549	1.0515	-0.0034	-0.979	-0.9834	0.0044
2024-01-23T14:49:38	1	0	2	2	0	1.0329	1.0326	-0.0003	-0.9973	-0.9973	0.0000
2024-01-23T14:50:31	1	0	24	23	1	1.0542	1.0540	-0.0002	0.99	0.9891	0.0009
2024-01-23T14:51:34	2	0	9	9	0	1.0385	1.0385	0.0000	0.9914	0.9915	-0.0001
2024-01-23T14:53:35	6	0	305	296	9	1.0609	1.0608	-0.0001	-0.9794	-0.9795	0.0001
2024-01-23T14:54:43	1	0	1	1	0	0.9862	0.9863	0.0001	0.9825	0.9825	0.0000
2024-01-23T14:58:11	2	0	252	249	3	1.0608	1.0608	0.0000	1	0.9997	0.0003
2024-01-23T14:58:30	1	0	3	3	0	1.0596	1.0596	0.0000	0.9843	0.9842	0.0001
2024-01-23T15:00:14	1	0	13	13	0	1.0476	1.0476	0.0000	-0.9993	-0.9993	0.0000
2024-01-23T15:00:43	1	0	18	18	0	1.0473	1.0472	-0.0001	0.9985	0.9985	0.0000
2024-01-23T15:01:28	2	0	34	30	4	1.0560	1.0558	-0.0002	0.9917	0.9914	0.0003
2024-01-23T15:03:58	1	0	27	24	3	1.0527	1.0507	-0.0020	-0.9789	-0.9796	0.0007
2024-01-23T15:05:33	1	0	27	25	2	1.0552	1.0551	-0.0002	0.9882	0.9872	0.0010
2024-01-23T15:06:15	7	0	2	1	1	1.0508	1.0453	-0.0055	0.9994	0.9992	0.0002
2024-01-23T15:10:26	1	0	1	0	1	0.9448	null	null	0.979	0.9794	-0.0004
2024-01-23T15:13:46	7	0	777	775	2	1.0686	1.0685	0.0000	0.9776	0.9796	-0.0020
2024-01-23T15:15:38	1	0	52	51	1	1.0515	1.0514	-0.0001	0.9873	0.9873	0.0000
2024-01-23T15:18:59	1	0	30	25	5	1.0528	1.0516	-0.0012	-0.9808	-0.9813	0.0005
2024-01-23T15:19:45	1	0	2	2	0	1.0286	1.0285	-0.0002	0.9809	0.9802	0.0007
2024-01-23T15:20:35	1	0	34	30	4	1.0557	1.0554	-0.0003	0.9812	0.9801	0.0011
2024-01-23T15:23:12	1	0	1	0	1	1.0930	null	null	0.9872	0.9872	0.0000
2024-01-23T15:24:47	7	0	240	239	1	1.0048	1.0049	0.0001	0.9656	0.9656	0.0000
2024-01-23T15:28:02	2	0	12	10	2	1.0481	1.0476	-0.0005	-0.9992	-0.9992	0.0000
2024-01-23T15:28:13	1	0	475	472	3	1.0652	1.0652	-0.0001	-0.9984	-0.9984	0.0000
2024-01-23T15:30:32	1	0	26	26	0	1.0478	1.0478	0.0000	-0.9984	-0.9984	0.0000
2024-01-23T15:32:45	2	0	2	2	0	1.0238	1.0232	-0.0006	0.9882	0.9881	0.0001
2024-01-23T15:34:00	1	0	44	36	8	1.0543	1.0525	-0.0018	-0.9821	-0.9826	0.0005
2024-01-23T15:40:28	1	0	2	2	0	0.9832	0.9834	0.0002	0.9789	0.9794	-0.0005
2024-01-23T15:44:04	1	0	19	18	1	1.0537	1.0536	-0.0001	-0.9997	-0.9997	0.0000
2024-01-23T15:45:46	4	0	4	4	0	0.9506	0.9501	-0.0005	0.9808	0.9805	0.0003
2024-01-23T15:47:46	1	0	4	4	0	1.0327	1.0326	-0.0001	0.9889	0.9889	0.0000
2024-01-23T15:58:51	1	0	715	715	0	1.0674	1.0674	0.0000	0.9683	0.9706	-0.0023
2024-01-23T16:00:55	1	0	26	26	0	1.0490	1.0490	0.0000	-0.9979	-0.9979	0.0000
2024-01-23T16:02:41	2	0	2	2	0	1.0190	1.0188	-0.0002	0.9977	0.9977	0.0000
2024-01-23T16:04:02	1	0	27	24	3	1.0512	1.0509	-0.0003	-0.985	-0.9854	0.0004
2024-01-23T16:10:44	1	0	23	23	0	1.0498	1.0498	0.0000	0.9979	0.9979	0.0000
2024-01-23T16:19:03	1	0	18	17	1	1.0493	1.0491	-0.0002	-0.9857	-0.9858	0.0001
2024-01-23T16:34:04	1	0	16	16	0	1.0493	1.0491	-0.0002	-0.9873	-0.9873	0.0000
2024-01-23T16:49:06	1	0	8	8	0	1.0482	1.0479	-0.0003	-0.9921	-0.9922	0.0001
2024-01-23T16:59:36	2	0	2	2	0	0.9440	0.9445	0.0005	-0.9987	-0.9987	0.0000
2024-01-23T17:04:07	1	0	8	8	0	1.0478	1.0477	-0.0002	-0.9916	-0.9915	-0.0001
2024-01-23T17:32:47	3	0	36	34	2	0.9464	0.9464	0.0000	0.9962	0.9962	0.0000
2024-01-23T17:47:48	3	0	42	38	4	0.9457	0.9458	0.0001	0.9953	0.9952	0.0001
2024-01-24T07:55:07	1	0	20	19	1	0.9443	0.9443	0.0000	0.9956	0.9957	-0.0001
2024-01-24T07:55:42	1	0	97	96	1	0.9304	0.9305	0.0000	-0.9974	-0.9972	-0.0002
2024-01-24T08:05:03	1	0	312	312	0	0.8739	0.8739	0.0000	0.9069	0.9064	0.0005
2024-01-24T08:14:30	4	0	58	54	4	1.0542	1.0541	-0.0001	0.9996	0.9996	0.0000
2024-01-24T08:21:59	2	0	134	134	0	0.9197	0.9197	0.0000	0.9793	0.9793	0.0000

2024-01-24T08:35:05	2	0	31	31	0	0.9492	0.9496	0.0004	0.965	0.9651	-0.0001
2024-01-24T08:36:54	3	0	9	9	0	0.9531	0.9534	0.0003	0.9891	0.9889	0.0002
2024-01-24T08:44:32	1	0	34	34	0	1.0545	1.0545	0.0000	0.9995	0.9995	0.0000
2024-01-24T08:47:27	2	0	51	51	0	1.0526	1.0526	0.0000	0.9823	0.9823	0.0000
2024-01-24T08:52:01	1	0	82	82	0	0.9245	0.9245	0.0000	0.9862	0.9858	0.0004
2024-01-24T08:58:21	1	0	362	362	0	1.0622	1.0621	0.0000	0.9864	0.9864	0.0000
2024-01-24T09:00:37	1	0	13	13	0	1.0452	1.0452	0.0000	-0.9969	-0.997	0.0001
2024-01-24T09:02:28	3	0	45	43	2	1.0528	1.0527	-0.0001	0.9794	0.9794	0.0000
2024-01-24T09:03:48	2	0	95	94	1	0.9257	0.9261	0.0005	0.9895	0.9891	0.0004
2024-01-24T09:05:07	2	0	58	58	0	0.9394	0.9400	0.0006	0.9578	0.9581	-0.0003
2024-01-24T09:05:24	2	0	2	2	0	0.9574	0.9575	0.0002	0.9764	0.9765	-0.0001
2024-01-24T09:05:31	4	0	32	32	0	1.0552	1.0551	-0.0001	1	1	0.0000
2024-01-24T09:06:51	2	0	4	4	0	1.0312	1.0306	-0.0005	0.9923	0.9925	-0.0002
2024-01-24T09:09:49	2	0	5	5	0	0.9803	0.9807	0.0004	-0.9997	-0.9997	0.0000
2024-01-24T09:12:49	1	0	132	130	2	1.0573	1.0571	-0.0003	0.9993	0.9993	0.0000
2024-01-24T09:13:49	1	0	1	1	0	1.0376	1.0371	-0.0005	-0.9962	-0.9962	0.0000
2024-01-24T09:14:34	1	0	22	22	0	1.0526	1.0526	0.0000	0.9995	0.9995	0.0000
2024-01-24T09:15:19	1	0	114	113	1	1.0536	1.0536	0.0000	-1	-1	0.0000
2024-01-24T09:15:44	1	0	32	18	14	0.9516	0.9524	0.0008	0.9802	0.98	0.0002
2024-01-24T09:20:28	1	0	22	22	0	1.0448	1.0447	-0.0001	0.9503	0.9562	-0.0059
2024-01-24T09:20:32	1	0	43	42	1	1.0561	1.0561	0.0000	-1	-1	0.0000
2024-01-24T09:20:48	1	0	2	2	0	0.9854	0.9853	-0.0002	-0.9986	-0.9985	-0.0001
2024-01-24T09:21:52	4	0	3	3	0	1.0240	1.0237	-0.0004	0.992	0.9919	0.0001
2024-01-24T09:24:31	2	0	4	4	0	1.0211	1.0208	-0.0003	0.9871	0.9868	0.0003
2024-01-24T09:27:50	2	0	46	45	1	1.0522	1.0522	0.0000	0.9977	0.9962	0.0015
2024-01-24T09:28:23	1	0	279	278	1	1.0600	1.0600	0.0000	0.9827	0.9826	0.0001
2024-01-24T09:30:20	1	0	166	164	2	1.0536	1.0536	0.0000	1	1	0.0000
2024-01-24T09:33:44	1	0	2	2	0	1.0337	1.0335	-0.0003	0.9688	0.968	0.0008
2024-01-24T09:35:33	10	0	37	33	4	1.0550	1.0545	-0.0004	-1	-1	0.0000
2024-01-24T09:36:58	6	0	44	28	16	1.0296	1.0336	0.0040	0.992	0.9918	0.0002
2024-01-24T09:40:16	2	0	1	1	0	0.9441	0.9446	0.0005	0.9948	0.9948	0.0000
2024-01-24T09:42:51	1	0	85	84	1	1.0559	1.0559	0.0000	0.9995	0.9995	0.0000
2024-01-24T09:43:24	5	0	371	364	7	1.0622	1.0622	0.0000	0.9873	0.9871	0.0002
2024-01-24T09:44:10	1	0	1	0	1	1.0550	null	null	-0.9978	-0.9978	0.0000
2024-01-24T09:44:36	4	0	37	36	1	1.0548	1.0548	0.0000	0.9997	0.9997	0.0000
2024-01-24T09:45:50	2	0	1	1	0	0.9805	0.9814	0.0009	0.9986	0.9986	0.0000
2024-01-24T09:45:52	7	0	4	4	0	1.0012	1.0010	-0.0002	0.957	0.9368	0.0202
2024-01-24T09:47:10	2	0	8	8	0	1.0296	1.0294	-0.0001	0.9977	0.9976	0.0001
2024-01-24T09:47:31	2	0	53	52	1	1.0535	1.0535	-0.0001	0.9787	0.9787	0.0000
2024-01-24T09:48:39	3	0	1	1	0	0.9728	0.9741	0.0013	0.9656	0.9658	-0.0002
2024-01-24T09:49:22	1	0	8	8	0	1.0470	1.0464	-0.0005	0.9995	0.9995	0.0000
2024-01-24T09:50:30	1	0	23	23	0	1.0441	1.0440	-0.0001	0.9518	0.9516	0.0002
2024-01-24T09:51:54	2	0	3	3	0	1.0303	1.0299	-0.0005	0.9925	0.9925	0.0000
2024-01-24T09:53:17	2	0	170	168	2	1.0584	1.0584	0.0000	-0.9727	-0.9696	-0.0031
2024-01-24T09:56:53	3	0	16	14	2	1.0546	1.0544	-0.0002	-0.9999	-0.9999	0.0000
2024-01-24T09:58:25	4	0	440	435	5	1.0639	1.0639	0.0000	0.99	0.9899	0.0001
2024-01-24T09:58:28	2	0	1	1	0	1.0043	1.0038	-0.0005	-0.9837	-0.9837	0.0000
2024-01-24T09:59:12	1	0	1	1	0	1.0588	1.0584	-0.0004	-0.9991	-0.9991	0.0000
2024-01-24T09:59:37	5	0	33	29	4	1.0546	1.0540	-0.0006	0.9996	0.9996	0.0000
2024-01-24T10:00:25	1	0	3	3	0	1.0347	1.0346	-0.0001	-0.9971	-0.9972	0.0001
2024-01-24T10:01:31	2	0	2	2	0	1.0095	1.0099	0.0004	-0.9813	-0.9811	-0.0002
2024-01-24T10:02:22	5	0	4	4	0	1.0392	1.0382	-0.0011	0.9997	0.9997	0.0000
2024-01-24T10:02:32	9	0	87	82	5	1.0542	1.0541	-0.0001	0.9812	0.9811	0.0001
2024-01-24T10:03:46	1	0	66	66	0	0.9433	0.9436	0.0003	0.9597	0.9598	-0.0001
2024-01-24T10:04:58	1	0	26	24	2	1.0537	1.0534	-0.0003	0.9715	0.9705	0.0010
2024-01-24T10:05:03	5	0	20	17	3	1.0525	1.0515	-0.0010	0.9995	0.9994	0.0001
2024-01-24T10:05:07	3	0	6	6	0	1.0335	1.0332	-0.0003	0.9944	0.9943	0.0001
2024-01-24T10:05:13	4	0	119	119	0	0.9236	0.9237	0.0001	0.9466	0.946	0.0006
2024-01-24T10:05:35	3	0	31	30	1	1.0532	1.0529	-0.0003	1	1	0.0000
2024-01-24T10:05:36	2	0	5	5	0	1.0530	1.0474	-0.0056	0.9908	0.9907	0.0001
2024-01-24T10:08:30	5	0	81	74	7	0.9319	0.9330	0.0011	0.9873	0.9876	-0.0003
2024-01-24T10:09:26	1	0	1	1	0	0.9878	0.9882	0.0004	0.9805	0.9805	0.0000
2024-01-24T10:10:43	1	0	4	4	0	1.0013	1.0012	-0.0001	0.9873	0.9873	0.0000
2024-01-24T10:10:56	1	0	20	20	0	0.9435	0.9438	0.0003	-0.997	-0.9965	-0.0005
2024-01-24T10:13:49	1	0	7	7	0	1.0429	1.0428	-0.0001	0.9967	0.9967	0.0000
2024-01-24T10:14:38	1	0	38	37	1	1.0546	1.0548	0.0003	0.9997	0.9997	0.0000
2024-01-24T10:15:55	7	0	3	4	-1	1.0092	1.0180	0.0087	0.9806	0.978	0.0026
2024-01-24T10:16:14	4	0	3	3	0	1.0138	1.0134	-0.0004	0.9957	0.9956	0.0001
2024-01-24T10:16:32	1	0	2	2	0	1.0108	1.0106	-0.0002	-0.9822	-0.9823	0.0001
2024-01-24T10:17:29	1	0	3	3	0	1.0360	1.0355	-0.0005	0.9997	0.9997	0.0000
2024-01-24T10:19:37	6	0	11	10	1	1.0467	1.0456	-0.0011	0.9997	0.9997	0.0000
2024-01-24T10:20:27	4	0	20	20	0	0.9411	0.9415	0.0004	0.993	0.9933	-0.0003
2024-01-24T10:21:38	2	0	2	2	0	1.0362	1.0360	-0.0003	0.9993	0.9993	0.0000
2024-01-24T10:22:58	3	0	2	2	0	0.9853	0.9863	0.0010	0.9878	0.9879	-0.0001
2024-01-24T10:23:19	1	0	149	148	1	1.0575	1.0575	0.0000	-0.9743	-0.9742	-0.0001
2024-01-24T10:24:32	3	0	35	35	0	0.9928	0.9927	-0.0001	0.9683	0.9688	-0.0005
2024-01-24T10:27:54	1	0	71	70	1	1.0547	1.0546	0.0000	0.9987	0.9973	0.0014
2024-01-24T10:28:51	2	0	101	101	0	0.9415	0.9415	0.0000	0.9924	0.9923	0.0001
2024-01-24T10:29:39	1	0	44	44	0	1.0550	1.0550	0.0000	0.9996	0.9996	0.0000
2024-01-24T10:29:47	1	0	2	2	0	1.0270	1.0269	-0.0001	0.9919	0.9919	0.0000
2024-01-24T10:30:27	2	0	5	4	1	1.0409	1.0359	-0.0050	-0.9967	-0.9967	0.0000
2024-01-24T10:30:56	7	0	5	5	0	1.0173	1.0168	-0.0005	0.9536	0.9575	-0.0039
2024-01-24T10:31:17	2	0	6	6	0	1.0561	1.0557	-0.0004	0.9932	0.9929	0.0003
2024-01-24T10:33:42	2	0	1	0	1	1.0566	null	null	0.9762	0.9759	0.0003
2024-01-24T10:33:54	3	0	1	1	0	1.0392	1.0373	-0.0019	0.9924	0.9921	0.0003

2024-01-24T10:34:02	1	0	1	1	0	1.0205	1.0202	-0.0003	0.9808	0.9806	0.0002
2024-01-24T10:34:02	1	0	6	6	0	1.0414	1.0414	0.0000	-0.9996	-0.9997	0.0001
2024-01-24T10:34:16	2	0	104	101	3	1.0551	1.0551	-0.0001	0.9965	0.9965	0.0000
2024-01-24T10:35:18	5	0	338	316	22	0.8642	0.8645	0.0003	0.8654	0.867	-0.0016
2024-01-24T10:35:33	1	0	32	31	1	1.0472	1.0472	0.0000	0.9505	0.9505	0.0000
2024-01-24T10:35:39	1	0	19	19	0	1.0457	1.0456	-0.0001	-0.9984	-0.9984	0.0000
2024-01-24T10:35:50	1	0	6	6	0	1.0538	1.0482	-0.0056	0.9912	0.9912	0.0000
2024-01-24T10:37:02	1	0	4	4	0	0.9668	0.9667	-0.0001	0.9814	0.9814	0.0000
2024-01-24T10:37:54	1	0	1	1	0	1.0593	1.0589	-0.0004	0.9981	0.9981	0.0000
2024-01-24T10:38:20	5	0	200	194	6	1.0590	1.0590	0.0000	-0.9705	-0.9705	0.0000
2024-01-24T10:40:58	1	0	42	41	1	0.9425	0.9428	0.0002	-0.9961	-0.9958	-0.0003
2024-01-24T10:43:55	2	0	2	2	0	1.0255	1.0233	-0.0022	-0.9953	-0.9955	0.0002
2024-01-24T10:44:40	1	0	49	48	1	1.0554	1.0553	0.0000	0.9994	0.9994	0.0000
2024-01-24T10:45:39	1	0	81	80	1	1.0485	1.0484	-0.0001	0.9979	0.9979	0.0000
2024-01-24T10:45:53	5	0	4	3	1	1.0304	1.0311	0.0007	0.9975	0.9974	0.0001
2024-01-24T10:45:56	1	0	1	0	1	1.0401	null	null	0.9989	0.9989	0.0000
2024-01-24T10:47:22	1	0	5	5	0	1.0341	1.0340	-0.0002	0.9999	0.9999	0.0000
2024-01-24T10:48:44	2	0	17	15	2	1.0484	1.0472	-0.0011	-0.9862	-0.9869	0.0007
2024-01-24T10:48:54	1	0	5	5	0	1.0500	1.0499	-0.0001	0.9979	0.9979	0.0000
2024-01-24T10:50:03	1	0	22	19	3	1.0532	1.0527	-0.0005	0.9709	0.9695	0.0014
2024-01-24T10:50:15	1	0	3	3	0	1.0506	1.0505	-0.0001	0.9986	0.9985	0.0001
2024-01-24T10:50:23	3	0	279	279	0	0.8860	0.8863	0.0003	0.8864	0.8848	0.0016
2024-01-24T10:50:40	2	0	39	35	4	1.0503	1.0502	-0.0001	-0.9953	-0.9953	0.0000
2024-01-24T10:51:40	1	0	3	3	0	1.0447	1.0442	-0.0005	0.9987	0.9987	0.0000
2024-01-24T10:53:34	3	0	205	200	5	1.0595	1.0594	-0.0001	-0.9709	-0.9708	-0.0001
2024-01-24T10:54:56	4	0	3	2	1	1.0507	1.0476	-0.0031	-0.9999	-0.9999	0.0000
2024-01-24T10:55:06	2	0	59	58	1	1.0489	1.0488	-0.0001	-0.9996	-0.9996	0.0000
2024-01-24T10:55:59	1	0	3	3	0	0.9719	0.9675	-0.0044	-0.9965	-0.9972	0.0007
2024-01-24T10:56:57	3	0	41	40	1	1.0555	1.0549	-0.0006	-0.9999	-0.9999	0.0000
2024-01-24T10:57:43	1	0	27	26	1	1.0477	1.0474	-0.0003	-0.9942	-0.9941	-0.0001
2024-01-24T10:57:56	3	0	509	507	2	1.0654	1.0653	-0.0001	-0.9944	-0.9944	0.0000
2024-01-24T10:58:46	1	0	18	18	0	1.0472	1.0471	-0.0001	0.9991	0.999	0.0001
2024-01-24T10:58:52	1	0	12	12	0	1.0458	1.0458	-0.0001	0.9951	0.995	0.0001
2024-01-24T10:59:41	1	0	30	30	0	1.0543	1.0543	0.0000	0.9967	0.9968	-0.0001
2024-01-24T11:00:53	1	0	14	14	0	1.0471	1.0471	-0.0001	0.994	0.994	0.0000
2024-01-24T11:00:58	7	0	1	0	1	1.0205	null	null	0.9798	0.9618	0.0180
2024-01-24T11:02:07	1	0	51	50	1	1.0518	1.0516	-0.0001	-0.9865	-0.9865	0.0000
2024-01-24T11:02:37	1	0	1	0	1	1.0551	null	null	0.979	0.979	0.0000
2024-01-24T11:02:37	2	0	152	149	3	1.0558	1.0557	0.0000	0.9831	0.9831	0.0000
2024-01-24T11:03:05	3	0	43	40	3	0.9685	0.9675	-0.0010	0.9496	0.9373	0.0123
2024-01-24T11:03:25	1	0	6	6	0	1.0412	1.0411	-0.0001	-0.9963	-0.9964	0.0001
2024-01-24T11:03:44	1	0	13	12	1	1.0539	1.0530	-0.0010	0.993	0.9929	0.0001
2024-01-24T11:03:45	1	0	29	2	27	1.0542	1.0464	-0.0078	-0.9972	0.9883	0.0145
2024-01-24T11:04:04	1	0	2	2	0	1.0365	1.0362	-0.0003	0.9761	0.9756	0.0005
2024-01-24T11:05:05	1	0	16	16	0	1.0518	1.0516	-0.0002	0.9528	0.9512	0.0016
2024-01-24T11:05:07	5	0	29	26	3	1.0494	1.0482	-0.0012	0.9997	0.9996	0.0001
2024-01-24T11:05:35	2	0	29	29	0	0.9311	0.9315	0.0004	0.9931	0.9933	-0.0002
2024-01-24T11:05:39	3	0	23	22	1	1.0523	1.0536	0.0012	0.9988	0.9988	0.0000
2024-01-24T11:06:25	2	0	4	4	0	1.0335	1.0333	-0.0001	0.9932	0.9933	-0.0001
2024-01-24T11:08:00	1	0	2	2	0	1.0520	1.0519	-0.0001	0.9971	0.9971	0.0000
2024-01-24T11:08:34	15	0	317	304	13	1.0616	1.0615	-0.0001	-0.9702	-0.9705	0.0003
2024-01-24T11:11:03	2	0	62	57	5	0.9409	0.9418	0.0009	-0.9994	-0.9988	-0.0006
2024-01-24T11:11:23	1	0	2	2	0	1.0498	1.0498	0.0000	0.9914	0.9914	0.0000
2024-01-24T11:14:33	2	0	13	13	0	1.0432	1.0432	0.0000	0.9973	-1	-0.0027
2024-01-24T11:14:42	1	0	29	29	0	1.0535	1.0535	0.0000	0.9966	0.9967	-0.0001
2024-01-24T11:14:59	1	0	7	6	1	1.0526	1.0511	-0.0015	0.9865	0.9864	0.0001
2024-01-24T11:15:41	1	0	90	87	3	1.0505	1.0503	-0.0002	0.9976	0.9976	0.0000
2024-01-24T11:15:59	7	0	1	1	0	1.0276	1.0210	-0.0066	0.98	0.9592	0.0208
2024-01-24T11:16:21	2	0	14	14	0	1.0512	1.0511	-0.0001	0.9726	0.9721	0.0005
2024-01-24T11:17:08	1	0	79	75	4	1.0536	1.0534	-0.0002	-0.9821	-0.9821	0.0000
2024-01-24T11:17:27	1	0	21	20	1	1.0448	1.0443	-0.0005	-0.9961	-0.996	-0.0001
2024-01-24T11:17:34	1	0	3	3	0	1.0375	1.0373	-0.0002	0.9916	0.9915	0.0001
2024-01-24T11:17:38	2	0	186	184	2	1.0558	1.0558	0.0000	0.98	0.98	0.0000
2024-01-24T11:18:06	2	0	59	58	1	0.9895	0.9883	-0.0012	0.9468	0.9338	0.0130
2024-01-24T11:18:46	1	0	27	22	5	1.0551	1.0532	-0.0019	-0.9964	-0.9967	0.0003
2024-01-24T11:19:25	2	0	13	14	-1	1.0559	1.0555	-0.0004	0.9977	0.9977	0.0000
2024-01-24T11:20:09	1	0	18	17	1	1.0529	1.0526	-0.0003	0.9556	0.954	0.0016
2024-01-24T11:20:33	1	0	83	63	20	0.9156	1.0553	0.1398	0.905	-0.9993	-0.0957
2024-01-24T11:20:44	2	0	22	19	3	0.9371	0.9361	-0.0010	0.9928	0.993	-0.0002
2024-01-24T11:21:14	6	0	10	8	2	1.0551	1.0487	-0.0065	0.9924	0.9923	0.0001
2024-01-24T11:21:54	2	0	5	5	0	1.0508	1.0507	-0.0001	-0.9935	-0.9936	0.0001
2024-01-24T11:23:35	1	0	168	167	1	1.0586	1.0586	0.0000	-0.9825	-0.9824	-0.0001
2024-01-24T11:25:33	1	0	11	11	0	1.0462	1.0461	-0.0002	0.9937	0.9936	0.0001
2024-01-24T11:27:45	1	0	35	33	2	1.0487	1.0482	-0.0005	-0.9925	-0.9925	0.0000
2024-01-24T11:27:58	5	0	388	0	388	1.0618	null	null	0.993	0.6037	0.3893
2024-01-24T11:30:46	1	0	92	90	2	1.0509	1.0508	-0.0001	0.9979	0.9979	0.0000
2024-01-24T11:30:47	1	0	34	34	0	1.0475	1.0475	0.0000	-0.9998	-0.9998	0.0000
2024-01-24T11:30:53	1	0	1	1	0	1.0214	1.0214	0.0000	0.98	0.9795	0.0005
2024-01-24T11:31:00	8	0	3	3	0	0.9993	0.9998	0.0004	0.9493	0.9272	0.0221
2024-01-24T11:31:03	3	0	2	2	0	1.0513	1.0513	0.0000	0.999	0.999	0.0000
2024-01-24T11:31:19	5	0	4	4	0	1.0156	1.0155	-0.0001	0.9957	0.9956	0.0001
2024-01-24T11:32:39	10	0	209	208	1	1.0561	1.0561	0.0000	0.9797	0.9797	0.0000
2024-01-24T11:32:39	1	0	1	1	0	1.0561	1.0553	-0.0008	0.9723	0.9721	0.0002
2024-01-24T11:32:48	7	0	8	8	0	1.0455	1.0451	-0.0004	0.9998	0.9997	0.0001
2024-01-24T11:33:27	1	0	3	3	0	1.0289	1.0289	0.0000	0.9977	0.9981	-0.0004

2024-01-24T11:33:47	2	0	49	35	14	1.0586	1.0572	-0.0013	-0.9963	-0.999	0.0027
2024-01-24T11:34:39	1	0	32	31	1	1.0509	1.0507	-0.0002	0.9848	0.9848	0.0000
2024-01-24T11:34:43	3	0	22	22	0	1.0552	1.0551	-0.0001	0.9982	0.9982	0.0000
2024-01-24T11:35:11	2	0	21	19	2	1.0542	1.0538	-0.0004	0.9517	0.9503	0.0014
2024-01-24T11:35:25	11	0	40	36	4	1.0506	1.0503	-0.0003	0.9998	0.9997	0.0001
2024-01-24T11:35:37	4	0	6	6	0	1.0236	1.0239	0.0003	0.8595	0.8598	-0.0003
2024-01-24T11:36:00	3	0	1	0	1	1.0558	null	null	0.9997	0.9996	0.0001
2024-01-24T11:36:20	5	0	15	12	3	1.0543	1.0492	-0.0052	0.9931	0.9929	0.0002
2024-01-24T11:36:55	5	0	14	12	2	1.0499	1.0498	-0.0001	-0.9893	-0.9896	0.0003
2024-01-24T11:38:36	5	0	2	3	-1	0.9428	0.9433	0.0006	0.9874	0.9873	0.0001
2024-01-24T11:38:45	1	0	1	1	0	1.0338	1.0335	-0.0003	0.9912	0.9912	0.0000
2024-01-24T11:39:10	4	0	1	0	1	1.0554	null	null	-0.9977	-0.9977	0.0000
2024-01-24T11:39:40	2	0	2	2	0	1.0464	1.0464	-0.0001	0.9878	0.9711	0.0167
2024-01-24T11:40:54	2	0	1	0	1	1.0067	null	null	0.9994	0.9994	0.0000
2024-01-24T11:41:12	4	0	5	6	-1	0.9454	0.9451	-0.0003	-0.9979	-0.9979	0.0000
2024-01-24T11:41:57	1	0	1	0	1	1.0551	null	null	0.994	0.994	0.0000
2024-01-24T11:43:56	2	0	22	8	14	0.9531	0.9742	0.0210	0.9937	0.996	-0.0023
2024-01-24T11:44:42	2	0	3	3	0	1.0243	1.0240	-0.0003	-0.9924	-0.9942	0.0018
2024-01-24T11:45:48	1	0	41	41	0	1.0477	1.0477	0.0000	-0.9995	-0.9996	0.0001
2024-01-24T11:45:53	3	0	89	86	3	1.0508	1.0505	-0.0002	0.998	0.998	0.0000
2024-01-24T11:45:54	1	0	38	36	2	0.9505	0.9506	0.0001	0.9795	0.98	-0.0005
2024-01-24T11:45:56	1	0	4	0	4	1.0425	null	null	0.9879	0.9761	0.0118
2024-01-24T11:45:57	6	0	8	9	-1	1.0298	1.0293	-0.0004	0.9975	0.9976	-0.0001
2024-01-24T11:46:00	1	0	1	1	0	1.0572	1.0570	-0.0002	0.9995	0.9995	0.0000
2024-01-24T11:46:01	8	0	5	5	0	1.0215	1.0213	-0.0003	0.9505	0.9539	-0.0034
2024-01-24T11:46:04	3	0	3	3	0	1.0509	1.0509	-0.0001	0.9991	0.9991	0.0000
2024-01-24T11:46:55	4	0	2	2	0	1.0354	1.0349	-0.0006	0.9816	0.9696	0.0120
2024-01-24T11:48:08	2	0	25	24	1	1.0565	1.0563	-0.0003	0.9647	0.9646	0.0001
2024-01-24T11:48:28	1	0	3	3	0	1.0262	1.0262	0.0000	0.996	0.9964	-0.0004
2024-01-24T11:48:48	2	0	18	16	2	1.0528	1.0507	-0.0021	-0.997	-0.9972	0.0002
2024-01-24T11:50:13	1	0	28	26	2	1.0550	1.0549	-0.0002	0.97	0.9696	0.0004
2024-01-24T11:50:35	11	0	35	34	1	1.0520	1.0522	0.0001	0.9991	0.999	0.0001
2024-01-24T11:50:53	7	0	9	10	-1	0.9478	0.9473	-0.0005	0.9954	0.9953	0.0001
2024-01-24T11:51:01	3	0	1	1	0	1.0557	1.0556	-0.0001	0.999	0.999	0.0000
2024-01-24T11:52:23	1	0	31	31	0	1.0534	1.0534	0.0000	0.9878	0.9877	0.0001
2024-01-24T11:52:47	3	0	4	4	0	1.0516	1.0513	-0.0003	0.9951	0.995	0.0001
2024-01-24T11:56:37	2	0	15	13	2	1.0522	1.0516	-0.0005	-0.9432	-0.9431	-0.0001
2024-01-24T11:56:58	1	0	1	1	0	1.0571	1.0567	-0.0004	0.9953	0.9953	0.0000
2024-01-24T11:57:47	4	0	39	35	4	1.0501	1.0494	-0.0007	-0.993	-0.993	0.0000
2024-01-24T11:58:57	2	0	98	17	81	0.9420	0.9565	0.0145	0.992	0.9945	-0.0025
2024-01-24T12:00:33	3	0	2	1	1	1.0342	1.0551	0.0209	0.9793	0.9791	0.0002
2024-01-24T12:00:49	1	0	53	53	0	1.0484	1.0484	0.0000	-0.9996	-0.9997	0.0001
2024-01-24T12:00:57	1	0	3	0	3	1.0438	null	null	0.9878	0.9759	0.0119
2024-01-24T12:00:59	3	0	99	96	3	1.0515	1.0513	-0.0002	0.9979	0.9979	0.0000
2024-01-24T12:01:04	8	0	7	7	0	1.0449	1.0450	0.0000	0.9817	0.9812	0.0005
2024-01-24T12:01:05	3	0	3	3	0	1.0524	1.0523	-0.0001	0.9992	0.9992	0.0000
2024-01-24T12:03:29	1	0	3	3	0	1.0269	1.0269	0.0000	0.9965	0.997	-0.0005
2024-01-24T12:03:49	2	0	21	19	2	1.0535	1.0524	-0.0011	-0.9964	-0.9964	0.0000
2024-01-24T12:04:51	2	0	6	6	0	1.0492	1.0493	0.0000	0.9902	0.9902	0.0000
2024-01-24T12:05:16	1	0	26	25	1	1.0546	1.0545	-0.0001	0.9744	0.9743	0.0001
2024-01-24T12:05:45	11	0	26	26	0	1.0502	1.0500	-0.0002	0.9988	0.9988	0.0000
2024-01-24T12:09:42	2	0	11	5	6	1.0530	1.0495	-0.0035	0.9804	0.9808	-0.0004
2024-01-24T12:14:47	2	0	1	1	0	1.0349	1.0349	0.0000	-0.9995	-0.9995	0.0000
2024-01-24T12:14:53	1	0	1	0	1	1.0550	null	null	0.9845	0.9845	0.0000
2024-01-24T12:15:56	1	0	1	1	0	1.0179	1.0173	-0.0006	0.9829	0.9833	-0.0004
2024-01-24T12:16:05	1	0	5	5	0	1.0212	1.0208	-0.0004	0.9468	0.9672	-0.0204
2024-01-24T12:17:42	1	0	1	1	0	1.0575	1.0571	-0.0004	0.9662	0.9766	-0.0104
2024-01-24T12:18:25	1	0	4	3	1	1.0530	1.0513	-0.0017	0.9806	0.9806	0.0000
2024-01-24T12:18:50	1	0	24	24	0	1.0542	1.0529	-0.0013	-0.9978	-0.9979	0.0001
2024-01-24T12:19:35	4	0	38	35	3	1.0548	1.0546	-0.0002	-0.9999	-0.9999	0.0000
2024-01-24T12:20:18	1	0	47	42	5	1.0562	1.0559	-0.0003	0.97	0.9695	0.0005
2024-01-24T12:21:11	1	0	11	11	0	1.0539	1.0538	-0.0002	-0.861	-0.8618	0.0008
2024-01-24T12:21:43	3	0	8	8	0	1.0526	1.0462	-0.0064	0.9915	0.9915	0.0000
2024-01-24T12:23:52	2	0	27	25	2	1.0504	1.0504	0.0000	0.9994	0.9994	0.0000
2024-01-24T12:27:08	1	0	5	5	0	1.0593	1.0581	-0.0012	0.9657	0.9656	0.0001
2024-01-24T12:27:55	1	0	81	81	0	1.0796	1.0791	-0.0005	-0.9973	-0.9958	-0.0015
2024-01-24T12:31:03	1	0	1	1	0	1.0396	1.0396	0.0000	0.999	0.999	0.0000
2024-01-24T12:31:11	1	0	114	113	1	1.0527	1.0526	0.0000	0.9982	0.9982	0.0000
2024-01-24T12:33:13	3	0	8	9	-1	1.0394	1.0417	0.0023	0.9566	0.9567	-0.0001
2024-01-24T12:37:06	4	0	13	13	0	1.0497	1.0489	-0.0008	-0.9917	-0.9916	-0.0001
2024-01-24T12:41:29	1	0	1	1	0	1.0330	1.0330	0.0000	0.9856	0.9856	0.0000
2024-01-24T12:44:39	1	0	13	13	0	1.0499	1.0498	0.0000	-0.9988	-0.9988	0.0000
2024-01-24T12:46:07	1	0	2	2	0	1.0113	1.0109	-0.0004	0.9544	0.9307	0.0237
2024-01-24T12:51:36	1	0	2	2	0	1.0373	1.0373	0.0000	0.995	0.995	0.0000
2024-01-24T12:52:51	3	0	3	4	-1	1.0494	1.0509	0.0015	0.9957	0.9957	0.0000
2024-01-24T12:59:01	2	0	76	1	75	0.9419	0.9811	0.0392	0.9928	0.991	0.0018
2024-01-24T13:01:11	3	0	3	3	0	0.9646	0.9652	0.0005	0.9905	0.9929	-0.0024
2024-01-24T13:22:13	1	0	6	13	-7	0.9409	0.9437	0.0028	0.9969	0.9989	-0.0020
2024-01-24T13:28:27	1	0	3	3	0	1.0314	1.0314	0.0000	0.9712	0.9711	0.0001
2024-01-24T13:30:39	3	0	4	4	0	0.9368	0.9365	-0.0003	0.979	0.9789	0.0001
2024-01-24T13:31:14	1	0	6	6	0	1.0153	1.0152	-0.0001	0.9866	0.9865	0.0001
2024-01-24T13:33:55	1	0	11	10	1	1.0499	1.0490	-0.0009	-0.9929	-0.9962	0.0033
2024-01-24T13:41:22	4	0	2	3	-1	0.9863	0.9694	-0.0169	-0.9916	-0.9923	0.0007
2024-01-24T13:44:43	1	0	10	11	-1	1.0497	1.0485	-0.0012	-0.9983	-0.9983	0.0000
2024-01-24T13:46:15	7	0	74	74	0	0.9461	0.9470	0.0008	0.987	0.9873	-0.0003

2024-01-24T13:52:31	1	0	3	3	0	1.0620	1.0620	0.0000	0.9922	0.9922	0.0000
2024-01-24T13:58:01	1	0	80	80	0	1.1478	1.1472	-0.0006	-0.9841	-0.9842	0.0001
2024-01-24T14:01:06	5	0	1	2	-1	1.0327	1.0307	-0.0020	0.9978	0.9978	0.0000
2024-01-24T14:02:45	3	0	4	5	-1	1.0313	1.0138	-0.0175	0.9898	0.9897	0.0001
2024-01-24T14:03:56	5	0	1	0	1	1.0631	null	null	0.9818	0.9817	0.0001
2024-01-24T14:03:57	2	0	6	4	2	1.0478	1.0485	0.0007	-0.9931	-0.9934	0.0003
2024-01-24T14:04:59	1	0	11	11	0	1.0552	1.0552	0.0000	0.9982	0.9982	0.0000
2024-01-24T14:05:20	4	0	2	2	0	1.0460	1.0460	0.0000	0.9784	0.9786	-0.0002
2024-01-24T14:05:29	1	0	22	20	2	1.0543	1.0540	-0.0003	0.9898	0.9893	0.0005
2024-01-24T14:05:53	2	0	1	1	0	1.0408	1.0408	0.0000	-0.9995	-0.9995	0.0000
2024-01-24T14:06:00	6	0	4	4	0	1.0387	1.0381	-0.0006	0.9979	0.9978	0.0001
2024-01-24T14:06:07	1	0	3	3	0	0.9654	0.9654	0.0000	-0.9999	-0.9998	-0.0001
2024-01-24T14:06:59	3	0	1	0	1	1.0554	null	null	0.927	0.9266	0.0004
2024-01-24T14:07:16	1	0	1	0	1	0.9447	null	null	0.9975	0.9975	0.0000
2024-01-24T14:07:18	7	0	5	8	-3	1.0572	1.0570	-0.0002	0.9827	0.9827	0.0000
2024-01-24T14:09:50	2	0	6	6	0	1.0532	1.0530	-0.0002	0.9898	0.9896	0.0002
2024-01-24T14:10:44	1	0	8	8	0	1.0486	1.0473	-0.0013	0.994	0.9941	-0.0001
2024-01-24T14:10:59	1	0	8	8	0	1.0541	1.0540	0.0000	0.9998	0.9998	0.0000
2024-01-24T14:12:07	1	0	3	3	0	1.0494	1.0493	-0.0001	0.9994	0.9994	0.0000
2024-01-24T14:14:06	2	0	6	6	0	0.9852	0.9852	0.0000	0.9926	0.9925	0.0001
2024-01-24T14:14:45	2	0	8	8	0	1.0502	1.0502	0.0000	-0.9978	-0.9978	0.0000
2024-01-24T14:17:50	1	0	1	1	0	1.0558	1.0556	-0.0002	0.9761	0.976	0.0001
2024-01-24T14:18:57	6	0	3	3	0	0.9911	0.9911	0.0000	0.9709	0.9709	0.0000
2024-01-24T14:18:58	2	0	3	2	1	1.0504	1.0466	-0.0037	-0.9923	-0.9926	0.0003
2024-01-24T14:19:03	2	0	3	3	0	0.9437	0.9445	0.0007	0.9465	0.9469	-0.0004
2024-01-24T14:20:31	2	0	26	24	2	1.0547	1.0544	-0.0003	0.9907	0.9898	0.0009
2024-01-24T14:20:52	2	0	13	12	1	1.0463	1.0455	-0.0009	0.9507	0.9507	0.0000
2024-01-24T14:21:03	1	0	5	4	1	1.0401	1.0352	-0.0049	-0.9999	-0.9999	0.0000
2024-01-24T14:21:12	4	0	4	3	1	1.0385	1.0356	-0.0028	0.9979	0.9978	0.0001
2024-01-24T14:22:19	6	0	3	0	3	0.9578	null	null	0.9857	0.9859	-0.0002
2024-01-24T14:22:19	4	0	3	3	0	1.0522	1.0518	-0.0004	0.9825	0.9825	0.0000
2024-01-24T14:24:51	2	0	4	4	0	1.0520	1.0519	-0.0002	0.9895	0.9894	0.0001
2024-01-24T14:26:00	1	0	3	3	0	1.0145	1.0144	-0.0001	0.9834	0.9834	0.0000
2024-01-24T14:26:25	1	0	2	2	0	0.9468	0.9480	0.0012	-0.9959	-0.9947	-0.0012
2024-01-24T14:29:00	1	0	1	1	0	1.0456	1.0456	0.0000	0.998	0.998	0.0000
2024-01-24T14:29:07	2	0	5	5	0	0.9899	0.9899	0.0000	0.9927	0.9926	0.0001
2024-01-24T14:31:15	2	0	2	1	1	1.0365	1.0364	-0.0001	0.9982	0.9981	0.0001
2024-01-24T14:31:18	3	0	1	1	0	0.9727	0.9728	0.0001	0.9945	0.9945	0.0000
2024-01-24T14:31:49	1	0	1	1	0	1.0327	1.0321	-0.0006	0.9757	0.975	0.0007
2024-01-24T14:32:51	6	0	165	164	1	1.0558	1.0558	0.0000	0.9823	0.9823	0.0000
2024-01-24T14:33:59	2	0	4	3	1	1.0475	1.0468	-0.0006	-0.9922	-0.9926	0.0004
2024-01-24T14:34:25	1	0	1	1	0	1.0372	1.0368	-0.0004	-0.9999	-0.9999	0.0000
2024-01-24T14:34:44	2	0	12	12	0	1.0498	1.0497	-0.0001	-0.9999	-0.9999	0.0000
2024-01-24T14:35:01	3	0	13	12	1	1.0552	1.0550	-0.0002	0.9984	0.9983	0.0001
2024-01-24T14:35:34	2	0	26	25	1	1.0548	1.0545	-0.0003	0.9912	0.9902	0.0010
2024-01-24T14:35:53	3	0	12	11	1	1.0466	1.0467	0.0001	0.9992	0.9992	0.0000
2024-01-24T14:35:53	4	0	15	15	0	1.0470	1.0468	-0.0002	0.9479	0.9471	0.0008
2024-01-24T14:37:20	4	0	4	4	0	1.0548	1.0545	-0.0003	0.9799	0.9799	0.0000
2024-01-24T14:38:17	3	0	1	1	0	1.0033	1.0033	0.0000	0.9896	0.9896	0.0000
2024-01-24T14:39:52	2	0	4	4	0	1.0519	1.0517	-0.0002	0.9903	0.9902	0.0001
2024-01-24T14:41:07	1	0	3	3	0	1.0143	1.0143	0.0000	0.9825	0.9825	0.0000
2024-01-24T14:42:57	1	0	1	0	1	1.0427	null	null	-0.997	-0.997	0.0000
2024-01-24T14:43:12	4	0	383	379	4	1.0630	1.0630	0.0000	-0.9999	-0.9999	0.0000
2024-01-24T14:44:08	2	0	4	4	0	0.9954	0.9954	0.0000	0.9926	0.9925	0.0001
2024-01-24T14:44:56	2	0	11	11	0	1.0502	1.0502	-0.0001	0.9965	0.9965	0.0000
2024-01-24T14:46:16	1	0	2	3	-1	1.0398	1.0447	0.0049	0.9977	0.9977	0.0000
2024-01-24T14:46:29	1	0	28	28	0	1.0531	1.0530	-0.0001	0.9795	0.9791	0.0004
2024-01-24T14:47:24	1	0	89	89	0	1.0537	1.0537	0.0000	-0.9812	-0.9812	0.0000
2024-01-24T14:48:06	3	0	2	2	0	1.0426	1.0424	-0.0003	0.9992	0.9991	0.0001
2024-01-24T14:48:59	2	0	1	1	0	1.0598	1.0595	-0.0003	0.9848	0.9847	0.0001
2024-01-24T14:49:00	1	0	25	22	3	1.0494	1.0484	-0.0010	-0.9905	-0.9909	0.0004
2024-01-24T14:49:05	1	0	1	1	0	1.0256	1.0235	-0.0021	0.953	0.9608	-0.0078
2024-01-24T14:49:27	2	0	25	25	0	0.9406	0.9407	0.0000	0.9868	0.987	-0.0002
2024-01-24T14:50:37	1	0	22	20	2	1.0550	1.0547	-0.0003	0.988	0.987	0.0010
2024-01-24T14:52:21	3	0	5	5	0	1.0333	1.0334	0.0002	0.9791	0.9792	-0.0001
2024-01-24T14:52:21	5	0	3	0	3	0.9518	null	null	0.9858	0.9863	-0.0005
2024-01-24T14:58:37	1	0	10	10	0	1.0463	1.0462	-0.0001	0.9936	0.9936	0.0000
2024-01-24T14:59:57	1	0	15	15	0	1.0476	1.0476	0.0000	-0.9989	-0.9989	0.0000
2024-01-24T15:03:12	3	0	41	40	1	1.0544	1.0546	0.0002	0.9999	0.9999	0.0000
2024-01-24T15:04:01	1	0	17	15	2	1.0490	1.0472	-0.0017	-0.9828	-0.9834	0.0006
2024-01-24T15:05:32	1	0	3	3	0	1.0412	1.0410	-0.0001	0.9961	0.996	0.0001
2024-01-24T15:05:39	1	0	26	25	1	1.0558	1.0554	-0.0003	0.9881	0.987	0.0011
2024-01-24T15:06:11	1	0	4	4	0	0.9967	0.9965	-0.0002	-0.9998	-0.9998	0.0000
2024-01-24T15:06:28	3	0	4	4	0	1.0360	1.0359	-0.0002	0.9976	0.9976	0.0000
2024-01-24T15:08:50	5	0	3	3	0	0.9395	0.9397	0.0002	0.9937	0.9938	-0.0001
2024-01-24T15:10:16	1	0	3	2	1	1.0455	1.0452	-0.0002	0.9728	0.9727	0.0001
2024-01-24T15:10:55	1	0	11	10	1	1.0494	1.0488	-0.0007	0.9951	0.995	0.0001
2024-01-24T15:14:58	1	0	18	18	0	1.0486	1.0486	0.0000	-0.9973	-0.9973	0.0000
2024-01-24T15:16:09	1	0	1	0	1	0.9444	null	null	0.9825	0.9827	-0.0002
2024-01-24T15:16:10	1	0	3	3	0	1.0455	1.0454	-0.0001	0.9957	0.9957	0.0000
2024-01-24T15:16:21	1	0	2	2	0	1.0109	1.0108	-0.0001	0.9341	0.9336	0.0005
2024-01-24T15:18:13	3	0	57	56	1	1.0552	1.0552	-0.0001	1	1	0.0000
2024-01-24T15:19:02	1	0	23	17	6	1.0504	1.0493	-0.0011	-0.9861	-0.9866	0.0005
2024-01-24T15:20:41	1	0	31	29	2	1.0562	1.0560	-0.0002	0.9924	0.9916	0.0008
2024-01-24T15:20:58	1	0	28	28	0	1.0469	1.0469	0.0000	-0.998	-0.998	0.0000

2024-01-24T15:25:22	4	0	5	3	2	0.9436	0.9443	0.0007	0.9988	0.9989	-0.0001
2024-01-24T15:28:00	6	0	1	0	1	1.0418	null	null	-0.9979	-0.998	0.0001
2024-01-24T15:29:04	1	0	10	10	0	1.0437	1.0436	-0.0001	0.9981	0.9981	0.0000
2024-01-24T15:30:47	3	0	4	4	0	0.9518	0.9514	-0.0004	0.9813	0.9811	0.0002
2024-01-24T15:32:51	1	0	2	3	-1	1.0316	1.0027	-0.0289	0.9887	0.9887	0.0000
2024-01-24T15:34:03	1	0	40	29	11	1.0551	1.0536	-0.0016	-0.9909	-0.9912	0.0003
2024-01-24T15:37:19	2	0	12	12	0	1.0458	1.0457	-0.0001	-0.997	-0.9971	0.0001
2024-01-24T15:37:24	15	0	3	0	3	0.9584	null	null	0.9868	0.9871	-0.0003
2024-01-24T15:38:18	1	0	13	13	0	1.0500	1.0478	-0.0022	0.9927	0.9927	0.0000
2024-01-24T15:40:23	1	0	21	21	0	0.9431	0.9431	0.0000	0.9984	0.9984	0.0000
2024-01-24T15:45:00	1	0	13	13	0	1.0499	1.0499	0.0000	0.9974	0.9974	0.0000
2024-01-24T15:45:48	4	0	6	6	0	0.9659	0.9652	-0.0006	0.9813	0.9812	0.0001
2024-01-24T15:46:10	1	0	10	9	1	0.9437	0.9440	0.0003	0.9802	0.9806	-0.0004
2024-01-24T15:46:13	5	0	5	5	0	1.0290	1.0288	-0.0002	0.9984	0.9984	0.0000
2024-01-24T15:46:23	7	0	5	5	0	1.0224	1.0223	-0.0001	0.957	0.9579	-0.0009
2024-01-24T15:47:52	2	0	3	3	0	1.0257	1.0031	-0.0227	0.9885	0.9885	0.0000
2024-01-24T15:52:23	1	0	1	1	0	0.9383	0.9390	0.0007	0.9988	0.9989	-0.0001
2024-01-24T16:00:01	1	0	12	12	0	1.0497	1.0497	0.0000	0.9978	0.9978	0.0000
2024-01-24T16:05:59	1	0	20	20	0	1.0438	1.0438	0.0000	0.957	0.9572	-0.0002
2024-01-24T16:06:18	3	0	1	0	1	1.0451	null	null	0.9994	0.9994	0.0000
2024-01-24T16:08:34	2	0	7	7	0	1.0515	1.0491	-0.0024	0.9925	0.9925	0.0000
2024-01-24T16:15:02	1	0	13	13	0	1.0498	1.0498	0.0000	0.9976	0.9976	0.0000
2024-01-24T16:16:22	1	0	3	3	0	1.0350	1.0348	-0.0002	0.9976	0.9975	0.0001
2024-01-24T16:16:25	7	0	5	7	-2	1.0107	1.0231	0.0124	0.9819	0.9797	0.0022
2024-01-24T16:19:06	1	0	15	15	0	1.0473	1.0470	-0.0002	-0.9893	-0.9896	0.0003
2024-01-24T16:30:03	1	0	9	9	0	1.0481	1.0480	-0.0001	0.9971	0.9967	0.0004
2024-01-24T16:34:07	1	0	15	15	0	1.0478	1.0476	-0.0002	-0.9912	-0.9914	0.0002
2024-01-24T16:41:34	1	0	59	59	0	0.9398	0.9401	0.0003	-0.9949	-0.9946	-0.0003
2024-01-24T16:46:15	1	0	24	24	0	0.9480	0.9482	0.0002	0.9775	0.9779	-0.0004
2024-01-24T16:49:08	1	0	7	7	0	1.0470	1.0468	-0.0003	-0.9936	-0.9937	0.0001
2024-01-24T16:57:26	1	0	35	35	0	1.0559	1.0558	-0.0001	1	1	0.0000
2024-01-24T17:21:01	1	0	77	76	1	0.9368	0.9370	0.0001	0.9972	0.9972	0.0000
2024-01-25T07:51:59	2	0	130	130	0	0.9221	0.9223	0.0001	0.9792	0.9786	0.0006
2024-01-25T08:15:16	1	0	151	150	1	1.0530	1.0530	0.0000	-0.9996	-0.9996	0.0000
2024-01-25T08:20:29	2	0	35	34	1	1.0549	1.0548	-0.0001	-1	-1	0.0000
2024-01-25T08:29:32	1	0	47	47	0	1.0546	1.0545	0.0000	0.9998	0.9998	0.0000
2024-01-25T08:30:17	1	0	153	153	0	1.0534	1.0534	0.0000	-0.9999	-0.9999	0.0000
2024-01-25T08:35:07	2	0	38	38	0	0.9478	0.9482	0.0003	0.9088	0.9089	-0.0001
2024-01-25T08:36:51	2	0	5	5	0	1.0307	1.0305	-0.0002	0.9911	0.9913	-0.0002
2024-01-25T08:58:50	3	0	2	2	0	1.0249	1.0242	-0.0007	0.9998	0.9998	0.0000
2024-01-25T08:59:34	4	0	64	64	0	1.0551	1.0551	0.0000	0.9998	0.9998	0.0000
2024-01-25T09:06:58	3	0	9	9	0	0.9523	0.9527	0.0005	0.9933	0.9934	-0.0001
2024-01-25T09:07:06	2	0	118	118	0	0.9217	0.9222	0.0005	0.9871	0.9839	0.0032
2024-01-25T09:09:50	2	0	4	2	2	0.9671	0.9899	0.0228	-0.9986	-0.9986	0.0000
2024-01-25T09:12:51	1	0	3	3	0	1.0139	1.0138	-0.0001	-0.9996	-0.9995	-0.0001
2024-01-25T09:15:20	2	0	182	180	2	1.0543	1.0543	0.0000	-0.9997	-0.9997	0.0000
2024-01-25T09:18:44	3	0	9	9	0	0.9467	0.9474	0.0006	0.9599	0.9601	-0.0002
2024-01-25T09:20:33	2	0	36	36	0	1.0555	1.0553	-0.0002	-0.9999	-0.9999	0.0000
2024-01-25T09:20:52	1	0	2	2	0	1.0326	1.0324	-0.0003	-0.9962	-0.996	-0.0002
2024-01-25T09:24:34	2	0	3	3	0	1.0493	1.0489	-0.0004	0.9897	0.9894	0.0003
2024-01-25T09:25:48	2	0	1	0	1	1.0060	null	null	-1	-1	0.0000
2024-01-25T09:28:27	1	0	1	1	0	1.0317	1.0311	-0.0006	0.9971	0.9971	0.0000
2024-01-25T09:29:36	1	0	41	41	0	1.0540	1.0539	-0.0001	0.9999	0.9998	0.0001
2024-01-25T09:31:10	2	0	10	10	0	1.0373	1.0373	-0.0001	-0.9986	-0.9986	0.0000
2024-01-25T09:33:00	2	0	90	87	3	0.9860	0.9822	-0.0038	0.9466	0.9466	0.0000
2024-01-25T09:34:15	1	0	24	22	2	1.0385	1.0383	-0.0002	0.9986	0.9985	0.0001
2024-01-25T09:34:53	4	0	17	16	1	1.0512	1.0508	-0.0004	0.9998	0.9997	0.0001
2024-01-25T09:35:15	3	0	41	40	1	1.0582	1.0581	-0.0001	0.9633	0.9628	0.0005
2024-01-25T09:35:31	1	0	5	5	0	1.0164	1.0160	-0.0005	0.875	0.8624	0.0126
2024-01-25T09:35:34	10	0	34	29	5	1.0554	1.0547	-0.0007	-1	-1	0.0000
2024-01-25T09:35:39	2	0	39	39	0	1.0475	1.0475	0.0000	-0.9987	-0.9987	0.0000
2024-01-25T09:40:53	1	0	121	121	0	0.9446	0.9447	0.0001	0.9507	0.9533	-0.0026
2024-01-25T09:42:53	2	0	3	3	0	1.0128	1.0124	-0.0004	-0.9967	-0.9967	0.0000
2024-01-25T09:45:54	7	0	3	3	0	1.0010	1.0012	0.0002	0.9851	0.9854	-0.0003
2024-01-25T09:46:16	2	0	1	0	1	1.0315	null	null	0.9934	0.9934	0.0000
2024-01-25T09:46:20	6	0	10	11	-1	1.0312	1.0302	-0.0010	-0.9982	-0.9983	0.0001
2024-01-25T09:47:12	2	0	12	12	0	1.0411	1.0410	-0.0001	0.9979	0.9978	0.0001
2024-01-25T09:49:16	2	0	11	11	0	1.0446	1.0439	-0.0007	1	0.9999	0.0001
2024-01-25T09:50:25	1	0	7	7	0	0.9517	0.9517	-0.0001	0.997	0.997	0.0000
2024-01-25T09:51:00	1	0	9	9	0	1.0491	1.0489	-0.0002	-0.7342	-0.7356	0.0014
2024-01-25T09:51:14	7	0	247	241	6	1.0663	1.0657	-0.0005	0.9948	0.9945	0.0003
2024-01-25T09:54:09	1	0	5	5	0	1.0395	1.0393	-0.0001	0.9992	0.9992	0.0000
2024-01-25T09:55:25	2	0	2	2	0	0.9620	0.9626	0.0006	0.9919	0.9919	0.0000
2024-01-25T09:55:54	1	0	419	409	10	0.8886	0.8891	0.0005	0.9334	0.9335	-0.0001
2024-01-25T09:58:32	2	0	1	1	0	0.9976	0.9969	-0.0007	-0.984	-0.9839	-0.0001
2024-01-25T09:59:38	4	0	28	28	0	1.0533	1.0532	-0.0001	1	1	0.0000
2024-01-25T10:00:27	1	0	1	1	0	1.0266	1.0263	-0.0003	-0.9984	-0.9984	0.0000
2024-01-25T10:00:55	1	0	3	3	0	1.0134	1.0133	-0.0001	0.9676	0.968	-0.0004
2024-01-25T10:01:17	2	0	1	1	0	1.0339	1.0334	-0.0005	0.9935	0.9934	0.0001
2024-01-25T10:02:21	5	0	4	4	0	1.0427	1.0416	-0.0011	0.9999	0.9999	0.0000
2024-01-25T10:03:02	2	0	76	71	5	0.9630	0.9590	-0.0040	0.943	0.943	0.0000
2024-01-25T10:03:47	1	0	3	3	0	0.9606	0.9607	0.0000	0.9512	0.9512	0.0000
2024-01-25T10:03:52	1	0	6	6	0	1.0519	1.0513	-0.0007	0.9962	0.9956	0.0006
2024-01-25T10:05:01	1	0	14	13	1	1.0510	1.0506	-0.0004	0.9796	0.9786	0.0010
2024-01-25T10:05:33	1	0	9	9	0	1.0459	1.0455	-0.0003	0.8637	0.8634	0.0003

2024-01-25T10:05:36	6	0	27	26	1	1.0522	1.0518	-0.0004	-1	-1	0.0000
2024-01-25T10:07:02	3	0	9	9	0	0.9524	0.9523	-0.0001	0.9896	0.9895	0.0001
2024-01-25T10:07:56	1	0	2	2	0	1.0423	1.0422	-0.0001	0.9991	0.9991	0.0000
2024-01-25T10:08:34	5	0	3	3	0	0.9418	0.9429	0.0011	0.9875	0.9878	-0.0003
2024-01-25T10:09:25	1	0	11	1	10	0.9436	0.9444	0.0008	0.9832	0.9837	-0.0005
2024-01-25T10:10:43	1	0	4	4	0	1.0052	1.0051	-0.0002	0.9726	0.9725	0.0001
2024-01-25T10:11:58	3	0	30	27	3	1.0545	1.0541	-0.0004	-0.9987	-0.9988	0.0001
2024-01-25T10:13:51	1	0	20	20	0	1.0389	1.0388	0.0000	0.9994	0.9994	0.0000
2024-01-25T10:14:16	1	0	1	1	0	1.0573	1.0569	-0.0004	-0.9745	-0.9746	0.0001
2024-01-25T10:14:39	1	0	54	54	0	1.0557	1.0557	0.0000	0.9997	0.9998	-0.0001
2024-01-25T10:15:27	1	0	98	96	2	1.0514	1.0513	-0.0001	0.9997	0.9997	0.0000
2024-01-25T10:16:22	4	0	14	13	1	1.0334	1.0334	0.0000	-0.999	-0.999	0.0000
2024-01-25T10:17:26	2	0	4	4	0	1.0422	1.0416	-0.0006	0.9996	0.9995	0.0001
2024-01-25T10:17:30	1	0	2	2	0	1.0326	1.0325	-0.0002	0.9885	0.9885	0.0000
2024-01-25T10:18:03	2	0	78	77	1	0.9742	0.9725	-0.0017	0.9428	0.9427	0.0001
2024-01-25T10:19:34	4	0	13	12	1	1.0454	1.0437	-0.0017	1	1	0.0000
2024-01-25T10:20:42	1	0	28	27	1	1.0478	1.0478	0.0000	-0.9982	-0.9982	0.0000
2024-01-25T10:20:52	3	0	8	7	1	1.0525	1.0515	-0.0009	-0.9853	-0.9864	0.0011
2024-01-25T10:21:16	13	0	317	314	3	1.0700	1.0707	0.0007	0.9952	0.9946	0.0006
2024-01-25T10:23:21	4	0	189	186	3	1.0587	1.0587	0.0000	-0.9667	-0.9666	-0.0001
2024-01-25T10:24:37	4	0	24	22	2	1.0457	1.0456	-0.0001	0.973	0.9737	-0.0007
2024-01-25T10:25:16	1	0	2	2	0	1.0043	1.0041	-0.0002	0.9992	0.9992	0.0000
2024-01-25T10:25:56	2	0	517	510	7	0.8874	0.8901	0.0028	0.9194	0.9235	-0.0041
2024-01-25T10:27:01	1	0	5	4	1	1.0593	1.0576	-0.0017	0.9621	0.9617	0.0004
2024-01-25T10:28:52	2	0	3	3	0	1.0080	1.0079	-0.0001	0.9939	0.9939	0.0000
2024-01-25T10:29:40	1	0	22	22	0	1.0520	1.0519	0.0000	0.9998	0.9998	0.0000
2024-01-25T10:29:58	1	0	12	11	1	1.0518	1.0513	-0.0006	0.9913	0.9912	0.0001
2024-01-25T10:30:57	2	0	3	3	0	1.0009	1.0008	-0.0001	0.983	0.9824	0.0006
2024-01-25T10:31:23	1	0	8	8	0	1.0341	1.0340	-0.0001	-0.9992	-0.9992	0.0000
2024-01-25T10:32:31	1	0	1	0	1	0.9341	null	null	0.9851	0.9851	0.0000
2024-01-25T10:33:58	1	0	1	1	0	1.0207	1.0204	-0.0003	0.9923	0.9923	0.0000
2024-01-25T10:34:19	2	0	12	12	0	1.0198	1.0198	0.0000	0.9987	0.9986	0.0001
2024-01-25T10:34:45	1	0	17	15	2	1.0479	1.0464	-0.0015	-0.9996	-0.9997	0.0001
2024-01-25T10:35:06	1	0	15	15	0	1.0516	1.0515	-0.0001	0.9902	0.9894	0.0008
2024-01-25T10:35:12	3	0	6	6	0	1.0404	1.0400	-0.0004	0.9935	0.9934	0.0001
2024-01-25T10:35:53	1	0	8	8	0	1.0520	1.0518	-0.0002	-0.9804	-0.9811	0.0007
2024-01-25T10:36:03	3	0	9	9	0	1.0534	1.0533	-0.0002	-0.69	-0.6956	0.0056
2024-01-25T10:37:04	1	0	14	14	0	0.9651	0.9650	-0.0001	0.9905	0.9905	0.0000
2024-01-25T10:37:13	2	0	97	97	0	0.9252	0.9252	0.0000	0.9777	0.9781	-0.0004
2024-01-25T10:38:22	7	0	190	184	6	1.0583	1.0582	-0.0001	-0.971	-0.9709	-0.0001
2024-01-25T10:44:35	2	0	14	14	0	1.0473	1.0473	0.0000	-0.9981	-0.9981	0.0000
2024-01-25T10:44:41	1	0	53	51	2	1.0547	1.0547	0.0000	1	1	0.0000
2024-01-25T10:45:30	2	0	2	1	1	1.0452	1.0305	-0.0147	-0.998	-0.998	0.0000
2024-01-25T10:46:34	2	0	1	1	0	0.9884	0.9894	0.0010	-0.9853	-0.9851	-0.0002
2024-01-25T10:48:50	1	0	2	0	2	1.0316	null	null	0.9673	0.9671	0.0002
2024-01-25T10:49:05	1	0	1	1	0	1.0222	1.0219	-0.0003	0.9995	0.9995	0.0000
2024-01-25T10:49:18	2	0	13	13	0	1.0525	1.0523	-0.0002	0.9962	0.9962	0.0000
2024-01-25T10:49:36	3	0	36	36	0	0.9413	0.9414	0.0001	0.9771	0.9773	-0.0002
2024-01-25T10:50:08	1	0	14	13	1	1.0525	1.0520	-0.0005	0.9714	0.9699	0.0015
2024-01-25T10:50:17	1	0	3	3	0	1.0526	1.0525	-0.0001	0.9985	0.9984	0.0001
2024-01-25T10:50:44	2	0	33	31	2	1.0486	1.0486	0.0000	-0.997	-0.997	0.0000
2024-01-25T10:51:26	2	0	4	4	0	1.0321	1.0320	-0.0002	0.9945	0.9946	-0.0001
2024-01-25T10:54:39	3	0	18	17	1	1.0469	1.0464	-0.0005	0.9703	0.9702	0.0001
2024-01-25T10:55:56	1	0	1	1	0	1.0195	1.0136	-0.0059	-0.9929	-0.9935	0.0006
2024-01-25T10:56:35	1	0	2	2	0	1.0487	1.0484	-0.0003	0.996	0.9959	0.0001
2024-01-25T10:56:57	1	0	1	1	0	1.0297	1.0293	-0.0004	0.9835	0.9844	-0.0009
2024-01-25T10:57:50	1	0	79	79	0	1.1458	1.1438	-0.0020	-0.9824	-0.987	0.0046
2024-01-25T10:58:21	1	0	17	15	2	1.0483	1.0486	0.0003	0.9994	0.9994	0.0000
2024-01-25T10:58:45	1	0	18	18	0	1.0472	1.0471	-0.0001	0.9999	0.9999	0.0000
2024-01-25T11:02:42	1	0	1	1	0	1.0570	1.0559	-0.0011	0.9777	0.9776	0.0001
2024-01-25T11:03:49	2	0	2	2	0	1.0470	1.0452	-0.0018	-0.9938	-0.9943	0.0005
2024-01-25T11:03:51	2	0	3	3	0	0.9915	0.9913	-0.0002	0.9559	0.9556	0.0003
2024-01-25T11:04:20	2	0	2	2	0	1.0325	1.0321	-0.0003	-0.9983	-0.9983	0.0000
2024-01-25T11:05:00	1	0	28	22	6	1.0515	1.0500	-0.0014	1	1	0.0000
2024-01-25T11:05:10	1	0	11	11	0	1.0528	1.0525	-0.0003	0.9583	0.9565	0.0018
2024-01-25T11:05:30	5	0	25	25	0	0.9368	0.9377	0.0009	0.994	0.9944	-0.0004
2024-01-25T11:05:45	1	0	35	34	1	1.0488	1.0487	-0.0001	-0.9973	-0.9973	0.0000
2024-01-25T11:09:43	1	0	8	8	0	1.0520	1.0519	-0.0001	0.9917	0.9913	0.0004
2024-01-25T11:10:19	2	0	3	3	0	1.0066	1.0062	-0.0004	0.9988	0.9988	0.0000
2024-01-25T11:11:04	1	0	641	644	-3	0.8330	0.8340	0.0010	0.9046	0.8967	0.0079
2024-01-25T11:15:49	1	0	80	78	2	1.0499	1.0497	-0.0002	0.9995	0.9995	0.0000
2024-01-25T11:15:51	1	0	10	10	0	1.0470	1.0468	-0.0002	0.9999	0.9999	0.0000
2024-01-25T11:15:58	3	0	2	2	0	1.0167	1.0177	0.0009	0.9955	0.9956	-0.0001
2024-01-25T11:16:00	2	0	3	4	-1	1.0168	1.0130	-0.0038	0.9798	0.9802	-0.0004
2024-01-25T11:17:21	1	0	10	10	0	1.0262	1.0262	0.0001	0.9965	0.9965	0.0000
2024-01-25T11:17:48	2	0	12	11	1	1.0490	1.0480	-0.0010	0.9996	0.9996	0.0000
2024-01-25T11:18:50	1	0	2	0	2	1.0461	null	null	-0.9943	-0.9946	0.0003
2024-01-25T11:20:14	1	0	7	6	1	1.0420	1.0393	-0.0027	0.9963	0.9963	0.0000
2024-01-25T11:20:14	1	0	18	17	1	1.0530	1.0525	-0.0005	0.969	0.9672	0.0018
2024-01-25T11:20:23	2	0	2	2	0	1.0067	1.0063	-0.0004	0.9999	0.9999	0.0000
2024-01-25T11:20:38	2	0	16	16	0	0.9444	0.9446	0.0002	0.995	0.9952	-0.0002
2024-01-25T11:20:41	3	0	37	38	-1	1.0533	1.0533	0.0000	-0.9999	-0.9998	-0.0001
2024-01-25T11:20:46	1	0	38	36	2	1.0486	1.0485	0.0000	-0.9974	-0.9974	0.0000
2024-01-25T11:20:56	3	0	24	21	3	1.0561	1.0558	-0.0003	-0.9795	-0.9795	0.0000
2024-01-25T11:22:47	1	0	3	3	0	1.0465	1.0464	-0.0002	0.9955	0.9954	0.0001

2024-01-25T11:25:07	1	0	4	4	0	1.0328	1.0327	-0.0001	-0.9942	-0.9942	0.0000
2024-01-25T11:26:05	1	0	6	6	0	1.0281	1.0270	-0.0011	0.9548	0.9544	0.0004
2024-01-25T11:26:57	1	0	1	1	0	1.0562	1.0552	-0.0010	0.9985	0.9984	0.0001
2024-01-25T11:29:38	2	0	21	21	0	1.0474	1.0474	0.0000	-0.9978	-0.9978	0.0000
2024-01-25T11:30:21	6	0	2	3	-1	1.0059	1.0056	-0.0002	-1	-1	0.0000
2024-01-25T11:30:54	1	0	104	100	4	1.0516	1.0514	-0.0002	0.9996	0.9996	0.0000
2024-01-25T11:31:37	3	0	1	1	0	1.0296	1.0292	-0.0004	-0.9815	-0.9816	0.0001
2024-01-25T11:32:54	9	0	12	12	0	1.0491	1.0490	-0.0001	0.9997	0.9997	0.0000
2024-01-25T11:33:51	2	0	2	2	0	1.0475	1.0465	-0.0010	-0.9942	-0.9945	0.0003
2024-01-25T11:35:11	9	0	30	29	1	1.0528	1.0522	-0.0006	1	1	0.0000
2024-01-25T11:35:16	2	0	16	14	2	1.0537	1.0532	-0.0006	0.9693	0.9679	0.0014
2024-01-25T11:35:44	8	0	26	26	0	0.9322	0.9322	0.0000	0.9936	0.9936	0.0000
2024-01-25T11:36:01	1	0	1	1	0	0.9402	0.9402	0.0000	-0.9995	-0.9994	-0.0001
2024-01-25T11:38:23	5	0	2	0	2	1.0281	null	null	0.9983	0.9983	0.0000
2024-01-25T11:38:26	3	0	162	158	4	1.0584	1.0583	-0.0001	-0.9794	-0.9793	-0.0001
2024-01-25T11:39:45	3	0	6	7	-1	1.0511	1.0504	-0.0007	0.9913	0.9915	-0.0002
2024-01-25T11:40:08	1	0	1	1	0	1.0363	1.0363	0.0000	-0.9946	-0.9946	0.0000
2024-01-25T11:41:06	4	0	382	382	0	0.9088	0.9093	0.0005	0.9357	0.9354	0.0003
2024-01-25T11:44:39	1	0	17	17	0	1.0471	1.0471	0.0000	-0.9981	-0.9981	0.0000
2024-01-25T11:44:45	5	0	15	15	0	1.0522	1.0519	-0.0003	0.9975	0.9976	-0.0001
2024-01-25T11:45:35	1	0	5	4	1	1.0395	1.0341	-0.0054	-0.9979	-0.9979	0.0000
2024-01-25T11:46:00	1	0	95	93	2	1.0498	1.0496	-0.0002	0.9993	0.9993	0.0000
2024-01-25T11:48:09	1	0	38	37	1	1.0577	1.0577	0.0000	0.9578	0.9578	0.0000
2024-01-25T11:48:52	1	0	2	3	-1	1.0514	1.0493	-0.0021	-0.9926	-0.9926	0.0000
2024-01-25T11:50:03	3	0	17	17	0	1.0546	1.0545	-0.0001	0.9943	0.9943	0.0000
2024-01-25T11:50:18	1	0	20	18	2	1.0542	1.0537	-0.0005	0.9689	0.9683	0.0006
2024-01-25T11:50:21	9	0	35	33	2	1.0518	1.0519	0.0001	1	1	0.0000
2024-01-25T11:50:51	6	0	2	3	-1	0.9431	0.9747	0.0315	0.9972	0.9972	0.0000
2024-01-25T11:51:04	3	0	1	1	0	1.0561	1.0551	-0.0010	-1	-1	0.0000
2024-01-25T11:52:49	1	0	7	8	-1	1.0484	1.0484	-0.0001	0.9984	0.9985	-0.0001
2024-01-25T11:53:27	1	0	190	188	2	1.0592	1.0592	0.0000	-0.9743	-0.9742	-0.0001
2024-01-25T11:59:46	6	0	17	16	1	0.9489	0.9498	0.0009	0.999	0.9981	0.0009
2024-01-25T12:01:07	1	0	100	98	2	1.0508	1.0507	-0.0001	0.9994	0.9994	0.0000
2024-01-25T12:01:17	1	0	25	24	1	1.0511	1.0509	-0.0002	0.9718	0.9718	0.0000
2024-01-25T12:01:34	1	0	18	17	1	1.0498	1.0495	-0.0003	-0.9934	-0.9935	0.0001
2024-01-25T12:03:24	1	0	8	8	0	1.0369	1.0368	-0.0001	0.9965	0.9965	0.0000
2024-01-25T12:03:29	1	0	5	4	1	1.0523	1.0507	-0.0016	0.9724	0.9724	0.0000
2024-01-25T12:05:20	1	0	23	22	1	1.0545	1.0543	-0.0002	0.9905	0.9905	0.0000
2024-01-25T12:05:25	1	0	48	48	0	1.0579	1.0579	0.0000	0.9951	0.9951	0.0000
2024-01-25T12:05:30	9	0	42	40	2	1.0524	1.0523	-0.0001	-1	-1	0.0000
2024-01-25T12:05:52	7	0	12	12	0	1.0417	1.0415	-0.0002	1	1	0.0000
2024-01-25T12:10:14	2	0	28	27	1	1.0473	1.0470	-0.0003	0.9995	0.9995	0.0000
2024-01-25T12:13:48	5	0	21	20	1	1.0501	1.0498	-0.0003	0.9742	0.9742	0.0000
2024-01-25T12:18:54	2	0	11	11	0	1.0472	1.0471	-0.0001	-0.9937	-0.9937	0.0000
2024-01-25T12:20:38	3	0	30	27	3	1.0505	1.0499	-0.0006	-1	-1	0.0000
2024-01-25T12:20:59	1	0	10	10	0	1.0424	1.0424	0.0000	0.9998	0.9998	0.0000
2024-01-25T12:26:09	4	0	10	10	0	1.0085	1.0081	-0.0004	0.9713	0.9709	0.0004
2024-01-25T12:29:42	1	0	25	25	0	1.0476	1.0476	0.0000	-0.9978	-0.9978	0.0000
2024-01-25T12:35:26	1	0	47	47	0	1.0583	1.0583	0.0000	0.996	0.996	0.0000
2024-01-25T12:40:12	1	0	2	2	0	1.0367	1.0367	0.0000	-0.9935	-0.9934	-0.0001
2024-01-25T12:44:43	2	0	31	31	0	1.0506	1.0505	-0.0001	-0.9973	-0.9973	0.0000
2024-01-25T12:44:49	5	0	47	47	0	1.0558	1.0556	-0.0002	0.9979	0.9977	0.0002
2024-01-25T12:46:24	1	0	163	160	3	1.0530	1.0530	0.0000	0.9993	0.9993	0.0000
2024-01-25T12:52:42	1	0	4	4	0	1.0281	1.0280	-0.0001	0.9697	0.9696	0.0001
2024-01-25T13:06:07	1	0	2	2	0	0.9851	0.9850	-0.0001	-0.9995	-0.9994	-0.0001
2024-01-25T13:08:59	1	0	146	147	-1	1.0533	1.0533	0.0000	0.9908	0.9908	0.0000
2024-01-25T13:09:51	1	0	2	2	0	1.0456	1.0456	0.0000	0.9924	0.9781	0.0143
2024-01-25T13:14:22	1	0	6	6	0	1.0481	1.0479	-0.0002	0.9998	0.9999	-0.0001
2024-01-25T13:26:06	1	0	1	1	0	1.0312	1.0238	-0.0074	-0.9939	-0.9942	0.0003
2024-01-25T13:28:53	2	0	23	22	1	1.0526	1.0524	-0.0002	0.9799	0.9799	0.0000
2024-01-25T13:30:59	1	0	6	6	0	0.9762	0.9762	0.0000	0.9447	0.9411	0.0036
2024-01-25T13:31:42	2	0	21	20	1	1.0490	1.0487	-0.0003	-0.9662	-0.9663	0.0001
2024-01-25T13:36:09	1	0	1	2	-1	0.9425	0.9855	0.0430	-0.9992	-0.9991	-0.0001
2024-01-25T13:36:36	2	0	36	32	4	1.0512	1.0505	-0.0007	-0.9999	-1	0.0001
2024-01-25T13:38:34	1	0	141	140	1	1.0570	1.0571	0.0000	-0.975	-0.9749	-0.0001
2024-01-25T13:41:46	2	0	13	13	0	1.0434	1.0432	-0.0002	0.9966	0.9966	0.0000
2024-01-25T13:44:53	1	0	46	46	0	1.0563	1.0562	-0.0001	0.9997	0.9997	0.0000
2024-01-25T13:46:40	1	0	104	99	5	1.0518	1.0515	-0.0002	0.9995	0.9995	0.0000
2024-01-25T13:47:19	1	0	28	27	1	1.0490	1.0488	-0.0002	-0.9748	-0.9748	0.0000
2024-01-25T13:49:00	1	0	9	9	0	1.0469	1.0467	-0.0002	-0.9921	-0.9923	0.0002
2024-01-25T13:51:42	3	0	32	29	3	1.0511	1.0507	-0.0004	-0.9999	-1	0.0001
2024-01-25T13:54:02	1	0	280	280	0	1.0557	1.0557	0.0000	0.9908	0.9908	0.0000
2024-01-25T13:54:54	3	0	8	8	0	1.0526	1.0526	0.0000	0.9909	0.9909	0.0000
2024-01-25T14:01:25	1	0	27	27	0	1.0518	1.0517	0.0000	0.9687	0.9684	0.0003
2024-01-25T14:01:45	1	0	115	113	2	1.0524	1.0523	-0.0001	0.9997	0.9997	0.0000
2024-01-25T14:04:03	6	0	1	0	1	1.0632	null	null	0.9652	0.965	0.0002
2024-01-25T14:05:35	2	0	30	30	0	1.0564	1.0560	-0.0004	0.9926	0.9919	0.0007
2024-01-25T14:06:06	3	0	6	6	0	0.9954	0.9953	-0.0002	0.9985	0.9985	0.0000
2024-01-25T14:06:51	2	0	7	2	5	1.0370	1.0282	-0.0088	0.9994	0.9966	0.0028
2024-01-25T14:09:52	6	0	30	30	0	1.0509	1.0509	0.0000	0.9702	0.9703	-0.0001
2024-01-25T14:09:55	2	0	8	8	0	1.0527	1.0525	-0.0002	0.9916	0.9914	0.0002
2024-01-25T14:10:10	6	0	1	1	0	1.0563	1.0555	-0.0008	0.9982	0.998	0.0002
2024-01-25T14:10:43	1	0	9	9	0	1.0197	1.0195	-0.0002	0.9516	0.9554	-0.0038
2024-01-25T14:11:21	1	0	3	3	0	1.0331	1.0329	-0.0002	0.9945	0.9944	0.0001
2024-01-25T14:11:48	2	0	18	17	1	1.0438	1.0444	0.0006	0.9964	0.9964	0.0000

2024-01-25T14:13:34	1	0	6	6	0	1.0468	1.0468	0.0000	0.994	0.9941	-0.0001
2024-01-25T14:13:56	5	0	40	38	2	1.0536	1.0534	-0.0001	0.9795	0.9794	0.0001
2024-01-25T14:14:49	2	0	39	38	1	1.0501	1.0502	0.0001	-0.9967	-0.9967	0.0000
2024-01-25T14:14:55	5	0	44	40	4	1.0552	1.0550	-0.0002	0.9997	0.9997	0.0000
2024-01-25T14:16:10	3	0	1	1	0	1.0565	1.0565	0.0000	0.9954	0.9954	0.0000
2024-01-25T14:16:15	7	0	1	0	1	1.0322	null	null	0.9992	0.9989	0.0003
2024-01-25T14:16:26	1	0	26	26	0	1.0515	1.0515	0.0000	0.9693	0.9692	0.0001
2024-01-25T14:16:51	1	0	152	150	2	1.0533	1.0532	-0.0001	0.9996	0.9996	0.0000
2024-01-25T14:19:04	2	0	1	1	0	1.0594	1.0589	-0.0005	0.9637	0.9637	0.0000
2024-01-25T14:19:14	1	0	2	2	0	1.0221	1.0215	-0.0006	0.9969	0.9958	0.0011
2024-01-25T14:20:14	4	0	2	2	0	1.0483	1.0483	0.0000	0.9817	0.9818	-0.0001
2024-01-25T14:20:37	2	0	37	33	4	1.0562	1.0559	-0.0003	0.9951	0.9942	0.0009
2024-01-25T14:21:12	1	0	1	1	0	1.0319	1.0317	-0.0002	-0.9985	-0.9985	0.0000
2024-01-25T14:21:48	1	0	3	3	0	1.0384	1.0384	0.0000	0.9958	0.9958	0.0000
2024-01-25T14:21:51	4	0	1	1	0	1.0472	1.0454	-0.0018	0.9996	0.9995	0.0001
2024-01-25T14:22:08	1	0	3	3	0	1.0489	1.0487	-0.0002	-0.9999	-0.9999	0.0000
2024-01-25T14:24:53	1	0	29	29	0	1.0519	1.0519	0.0000	0.9695	0.9695	0.0000
2024-01-25T14:24:56	2	0	6	6	0	1.0518	1.0517	0.0000	0.9863	0.9861	0.0002
2024-01-25T14:25:11	4	0	1	1	0	1.0558	1.0556	-0.0002	0.9982	0.9982	0.0000
2024-01-25T14:25:44	2	0	9	9	0	0.9967	0.9965	-0.0002	0.9508	0.9547	-0.0039
2024-01-25T14:26:22	1	0	3	3	0	1.0338	1.0338	0.0000	0.9916	0.9916	0.0000
2024-01-25T14:27:17	1	0	15	15	0	1.0570	1.0568	-0.0002	0.9589	0.9588	0.0001
2024-01-25T14:28:29	1	0	3	3	0	1.0588	1.0587	-0.0001	0.9837	0.9836	0.0001
2024-01-25T14:28:35	1	0	9	9	0	1.0459	1.0458	0.0000	0.9951	0.9951	0.0000
2024-01-25T14:28:54	1	0	1	0	1	1.0291	null	null	0.986	0.9859	0.0001
2024-01-25T14:28:57	5	0	36	35	1	1.0528	1.0527	-0.0001	0.9801	0.9801	0.0000
2024-01-25T14:29:56	5	0	38	36	2	1.0556	1.0555	-0.0001	0.9997	0.9997	0.0000
2024-01-25T14:30:17	8	0	30	29	1	1.0554	1.0553	-0.0001	0.9325	0.9324	0.0001
2024-01-25T14:30:30	5	0	11	10	1	1.0539	1.0534	-0.0005	0.9734	0.9733	0.0001
2024-01-25T14:30:46	1	0	7	7	0	1.0384	1.0384	0.0000	-0.997	-0.997	0.0000
2024-01-25T14:31:11	3	0	1	1	0	0.9737	0.9740	0.0003	0.9936	0.9936	0.0000
2024-01-25T14:31:18	1	0	1	1	0	1.0312	1.0309	-0.0003	0.9989	0.9988	0.0001
2024-01-25T14:31:27	1	0	27	27	0	1.0511	1.0511	0.0000	0.9687	0.9686	0.0001
2024-01-25T14:31:46	1	0	31	30	1	1.0480	1.0478	-0.0003	-0.9726	-0.9726	0.0000
2024-01-25T14:31:53	1	0	1	1	0	1.0334	1.0328	-0.0006	0.9755	0.9746	0.0009
2024-01-25T14:31:57	3	0	3	3	0	1.0263	1.0261	-0.0002	0.9899	0.9894	0.0005
2024-01-25T14:33:15	10	0	23	21	2	1.0511	1.0505	-0.0006	0.9999	0.9999	0.0000
2024-01-25T14:34:03	2	0	20	15	5	1.0543	1.0511	-0.0032	-0.9825	-0.9868	0.0043
2024-01-25T14:35:32	1	0	40	39	1	1.0560	1.0561	0.0001	0.9985	0.9985	0.0000
2024-01-25T14:35:39	2	0	43	36	7	1.0566	1.0564	-0.0002	0.995	0.9941	0.0009
2024-01-25T14:35:51	4	0	10	10	0	1.0272	1.0271	-0.0002	0.8469	0.8451	0.0018
2024-01-25T14:36:08	1	0	3	3	0	1.0390	1.0389	-0.0001	1	1	0.0000
2024-01-25T14:36:14	1	0	2	2	0	1.0334	1.0333	-0.0001	-0.998	-0.9979	-0.0001
2024-01-25T14:36:52	1	0	1	0	1	1.0553	null	null	0.9986	0.9985	0.0001
2024-01-25T14:37:03	8	0	4	3	1	1.0386	1.0399	0.0013	0.9992	0.9991	0.0001
2024-01-25T14:38:00	1	0	16	15	1	1.0507	1.0509	0.0002	0.9981	0.998	0.0001
2024-01-25T14:39:05	2	0	377	374	3	1.0569	1.0568	0.0000	0.9919	0.9919	0.0000
2024-01-25T14:39:57	3	0	6	6	0	1.0493	1.0491	-0.0002	0.986	0.9856	0.0004
2024-01-25T14:41:09	2	0	1	1	0	1.0079	1.0073	-0.0006	-0.9988	-0.9987	-0.0001
2024-01-25T14:41:23	1	0	3	3	0	1.0328	1.0327	0.0000	0.9916	0.9916	0.0000
2024-01-25T14:41:50	3	0	17	17	0	1.0416	1.0415	-0.0001	0.9957	0.9957	0.0000
2024-01-25T14:41:50	1	0	1	1	0	1.0399	1.0399	0.0000	0.997	0.997	0.0000
2024-01-25T14:43:36	1	0	7	7	0	1.0461	1.0460	0.0000	0.9948	0.9948	0.0000
2024-01-25T14:43:55	1	0	1	1	0	1.0263	1.0262	-0.0001	0.9848	0.9848	0.0000
2024-01-25T14:44:57	6	0	43	42	1	1.0553	1.0553	-0.0001	0.9999	0.9998	0.0001
2024-01-25T14:45:02	1	0	36	36	0	1.0493	1.0493	0.0000	-0.9964	-0.9965	0.0001
2024-01-25T14:45:18	4	0	17	16	1	1.0511	1.0514	0.0003	0.9214	0.9214	0.0000
2024-01-25T14:45:34	3	0	2	2	0	1.0065	1.0064	-0.0001	-1	-1	0.0000
2024-01-25T14:45:34	1	0	12	12	0	1.0534	1.0534	0.0000	0.9749	0.9748	0.0001
2024-01-25T14:45:47	2	0	9	9	0	1.0420	1.0419	-0.0001	-0.9973	-0.9973	0.0000
2024-01-25T14:46:19	7	0	3	3	0	1.0156	1.0157	0.0001	0.9899	0.9899	0.0000
2024-01-25T14:47:22	1	0	1	0	1	1.0381	null	null	0.9983	0.9983	0.0000
2024-01-25T14:48:21	3	0	28	25	3	1.0554	1.0552	-0.0002	0.9641	0.964	0.0001
2024-01-25T14:49:04	2	0	27	24	3	1.0513	1.0501	-0.0012	-0.97	-0.971	0.0010
2024-01-25T14:49:06	3	0	2	2	0	1.0015	1.0014	-0.0001	0.9593	0.9593	0.0000
2024-01-25T14:49:18	1	0	3	3	0	1.0266	1.0257	-0.0009	0.9974	0.9964	0.0010
2024-01-25T14:50:16	6	0	4	3	1	1.0502	1.0509	0.0008	0.9803	0.9796	0.0007
2024-01-25T14:50:33	1	0	52	51	1	1.0559	1.0558	-0.0001	0.9986	0.9986	0.0000
2024-01-25T14:50:42	1	0	31	28	3	1.0562	1.0559	-0.0003	0.994	0.9931	0.0009
2024-01-25T14:50:52	1	0	51	50	1	1.0593	1.0593	-0.0001	0.9966	0.9966	0.0000
2024-01-25T14:51:10	4	0	15	15	0	1.0547	1.0546	-0.0001	-0.9652	-0.9669	0.0017
2024-01-25T14:51:18	10	0	2	1	1	1.0461	1.0450	-0.0011	1	0.9997	0.0003
2024-01-25T14:53:39	5	0	180	177	3	1.0590	1.0589	-0.0001	-0.9778	-0.9779	0.0001
2024-01-25T14:54:06	1	0	399	398	1	1.0570	1.0570	0.0000	0.9913	0.9913	0.0000
2024-01-25T14:54:55	1	0	21	21	0	1.0503	1.0503	0.0000	0.9715	0.9715	0.0000
2024-01-25T14:55:25	4	0	1	1	0	1.0556	1.0555	-0.0001	0.9986	0.9985	0.0001
2024-01-25T14:57:29	1	0	33	33	0	1.0482	1.0482	0.0000	-0.9966	-0.9967	0.0001
2024-01-25T14:59:30	2	0	8	8	0	1.0200	1.0200	-0.0001	0.9998	0.9998	0.0000
2024-01-25T14:59:58	1	0	147	147	0	1.0577	1.0577	0.0000	0.9999	0.9999	0.0000
2024-01-25T15:00:19	21	0	7	4	3	1.0292	1.0274	-0.0019	0.9868	0.9857	0.0011
2024-01-25T15:00:19	2	0	39	39	0	1.0546	1.0546	0.0000	0.9249	0.9248	0.0001
2024-01-25T15:02:10	4	0	185	183	2	1.0539	1.0538	-0.0001	0.9992	0.9992	0.0000
2024-01-25T15:02:49	2	0	2	2	0	1.0249	1.0243	-0.0007	0.9784	0.9783	0.0001
2024-01-25T15:03:01	1	0	10	10	0	1.0379	1.0378	-0.0001	-0.9952	-0.9953	0.0001
2024-01-25T15:04:05	1	0	33	29	4	1.0525	1.0521	-0.0004	-0.9741	-0.9749	0.0008

2024-01-25T15:05:43	1	0	79	67	12	1.0568	1.0567	-0.0002	0.996	0.9953	0.0007
2024-01-25T15:06:19	5	0	7	7	0	1.0490	1.0486	-0.0004	0.9999	0.9998	0.0001
2024-01-25T15:09:13	1	0	441	441	0	1.0575	1.0575	0.0000	0.992	0.992	0.0000
2024-01-25T15:10:47	1	0	36	26	10	0.9332	0.9353	0.0020	0.9562	0.9525	0.0037
2024-01-25T15:14:00	5	0	51	50	1	1.0533	1.0532	-0.0001	0.981	0.981	0.0000
2024-01-25T15:14:17	1	0	19	19	0	1.0481	1.0481	0.0000	0.9971	0.9971	0.0000
2024-01-25T15:14:59	1	0	119	119	0	1.0565	1.0565	0.0000	0.9966	0.9965	0.0001
2024-01-25T15:15:14	1	0	40	40	0	1.0504	1.0504	0.0000	-0.9967	-0.9967	0.0000
2024-01-25T15:15:20	4	0	156	131	25	0.9182	0.9206	0.0023	0.8672	0.8696	-0.0024
2024-01-25T15:15:32	1	0	2	2	0	1.0284	1.0281	-0.0003	0.9862	0.9861	0.0001
2024-01-25T15:15:36	2	0	3	3	0	1.0094	1.0094	-0.0001	-0.9996	-0.9996	0.0000
2024-01-25T15:17:16	1	0	244	238	6	1.0552	1.0551	-0.0001	0.9997	0.9997	0.0000
2024-01-25T15:19:06	1	0	29	27	2	1.0515	1.0505	-0.0010	-0.9699	-0.9706	0.0007
2024-01-25T15:20:45	1	0	83	72	11	1.0570	1.0569	-0.0001	0.9981	0.9976	0.0005
2024-01-25T15:21:19	1	0	45	44	1	1.0581	1.0581	0.0000	0.9938	0.9937	0.0001
2024-01-25T15:21:20	1	0	5	6	-1	1.0478	1.0474	-0.0004	0.9998	0.9997	0.0001
2024-01-25T15:24:25	1	0	1	0	1	1.0316	null	null	0.996	0.9967	-0.0007
2024-01-25T15:26:26	1	0	8	8	0	1.0370	1.0370	-0.0001	0.996	0.996	0.0000
2024-01-25T15:29:01	3	0	31	29	2	1.0520	1.0518	-0.0002	0.9802	0.9801	0.0001
2024-01-25T15:30:00	1	0	78	77	1	1.0549	1.0549	0.0000	0.9968	0.9969	-0.0001
2024-01-25T15:32:25	1	0	1	0	1	1.0400	null	null	0.9988	0.9988	0.0000
2024-01-25T15:32:26	1	0	35	34	1	1.0500	1.0499	-0.0002	-0.9755	-0.9754	-0.0001
2024-01-25T15:34:07	1	0	37	33	4	1.0524	1.0521	-0.0003	-0.9721	-0.9726	0.0005
2024-01-25T15:35:47	1	0	42	36	6	1.0567	1.0566	-0.0001	0.9925	0.9917	0.0008
2024-01-25T15:39:26	1	0	1	0	1	1.0304	null	null	0.9954	0.9962	-0.0008
2024-01-25T15:40:20	1	0	26	26	0	1.0489	1.0488	-0.0001	0.9705	0.9705	0.0000
2024-01-25T15:40:49	1	0	5	5	0	1.0231	1.0231	0.0000	0.9583	0.9628	-0.0045
2024-01-25T15:45:38	1	0	5	5	0	1.0088	1.0087	0.0000	-0.9969	-0.9968	-0.0001
2024-01-25T15:45:49	1	0	1	1	0	1.0167	1.0164	-0.0003	0.9863	0.9862	0.0001
2024-01-25T15:50:50	1	0	60	50	10	1.0570	1.0570	0.0000	0.9951	0.9944	0.0007
2024-01-25T15:51:22	3	0	10	10	0	1.0465	1.0465	-0.0001	0.9998	0.9998	0.0000
2024-01-25T16:00:27	2	0	55	55	0	1.0577	1.0576	-0.0001	0.9467	0.9448	0.0019
2024-01-25T16:00:29	1	0	111	109	2	1.0538	1.0537	-0.0001	-0.994	-0.994	0.0000
2024-01-25T16:02:27	2	0	2	1	1	1.0391	1.0390	-0.0002	0.9989	0.9989	0.0000
2024-01-25T16:06:02	1	0	8	8	0	1.0190	1.0190	-0.0001	0.8531	0.8528	0.0003
2024-01-25T16:06:23	1	0	9	9	0	1.0504	1.0504	0.0000	0.9995	0.9995	0.0000
2024-01-25T16:08:44	3	0	231	227	4	1.0607	1.0607	0.0000	-0.9773	-0.9773	0.0000
2024-01-25T16:15:03	1	0	30	29	1	1.0542	1.0545	0.0003	0.9963	0.9961	0.0002
2024-01-25T16:19:10	1	0	15	15	0	1.0498	1.0496	-0.0002	-0.9806	-0.9844	0.0038
2024-01-25T16:19:16	3	0	8	8	0	0.9492	0.9496	0.0004	0.9534	0.9535	-0.0001
2024-01-25T16:21:24	1	0	5	6	-1	1.0468	1.0465	-0.0003	0.9997	0.9997	0.0000
2024-01-25T16:24:18	1	0	514	514	0	1.0585	1.0585	0.0000	0.993	0.993	0.0000
2024-01-25T16:30:29	1	0	97	97	0	1.0609	1.0609	0.0000	0.9509	0.9509	0.0000
2024-01-25T16:31:01	4	0	1	1	0	1.0126	1.0117	-0.0009	0.987	0.9869	0.0001
2024-01-25T16:32:29	1	0	2	2	0	1.0404	1.0403	-0.0001	0.9984	0.9984	0.0000
2024-01-25T16:34:11	1	0	17	17	0	1.0501	1.0499	-0.0002	-0.9815	-0.9816	0.0001
2024-01-25T16:45:05	1	0	28	28	0	1.0540	1.0540	0.0000	0.9975	0.9975	0.0000
2024-01-25T16:49:13	1	0	15	15	0	1.0485	1.0484	-0.0001	-0.9843	-0.9843	0.0000
2024-01-25T17:04:13	1	0	18	18	0	1.0491	1.0490	-0.0001	-0.9829	-0.9795	-0.0034
2024-01-25T17:15:07	1	0	13	13	0	1.0510	1.0510	0.0000	0.9972	0.9971	0.0001
2024-01-25T17:30:33	2	0	156	152	4	0.9144	0.9147	0.0003	0.883	0.8834	-0.0004
2024-01-25T17:40:57	1	0	558	562	-4	0.8595	0.8619	0.0024	0.9292	0.9295	-0.0003
2024-01-25T17:50:48	1	0	30	30	0	0.9415	0.9416	0.0001	-0.9912	-0.9911	-0.0001
2024-01-26T07:52:03	2	0	36	36	0	0.9383	0.9384	0.0001	0.9966	0.9964	0.0002
2024-01-26T13:08:36	2	0	192	192	0	1.0597	1.0597	0.0000	-0.9716	-0.9716	0.0000
2024-01-26T13:09:04	1	0	525	523	2	1.0585	1.0585	0.0000	0.9923	0.9922	0.0001
2024-01-26T13:09:13	2	0	27	27	0	1.0192	1.0190	-0.0002	0.9545	0.9544	0.0001
2024-01-26T13:12:12	1	0	60	60	0	1.0592	1.0592	0.0000	-0.9989	-0.9989	0.0000
2024-01-26T13:12:16	1	0	5	5	0	1.0597	1.0588	-0.0009	0.9569	0.9567	0.0002
2024-01-26T13:14:56	1	0	36	35	1	1.0550	1.0545	-0.0004	0.997	0.9969	0.0001
2024-01-26T13:30:18	1	0	12	11	1	1.0525	1.0514	-0.0011	0.9934	0.9933	0.0001
2024-01-26T13:30:46	2	0	54	53	1	1.0517	1.0515	-0.0002	0.9905	0.9905	0.0000
2024-01-26T13:30:51	1	0	9	9	0	1.0436	1.0423	-0.0013	-0.9967	-0.9967	0.0000
2024-01-26T13:34:01	1	0	6	6	0	1.0451	1.0450	-0.0001	-0.9988	-0.9988	0.0000
2024-01-26T13:34:01	1	0	1	1	0	1.0580	1.0574	-0.0006	0.9564	0.9562	0.0002
2024-01-26T13:34:09	1	0	19	19	0	1.0494	1.0493	-0.0001	-0.9857	-0.9859	0.0002
2024-01-26T13:35:33	3	0	101	98	3	1.0602	1.0601	-0.0002	0.946	0.9458	0.0002
2024-01-26T13:35:45	1	0	28	28	0	1.0524	1.0522	-0.0002	-0.9999	-0.9999	0.0000
2024-01-26T13:35:52	1	0	5	5	0	1.0164	1.0163	-0.0001	0.8572	0.8432	0.0140
2024-01-26T13:35:56	10	0	41	33	8	1.0556	1.0550	-0.0007	-0.9994	-0.9995	0.0001
2024-01-26T13:35:59	2	0	38	37	1	1.0478	1.0476	-0.0002	-0.9947	-0.9947	0.0000
2024-01-26T13:36:58	1	0	21	21	0	0.9767	0.9766	-0.0001	0.9874	0.9873	0.0001
2024-01-26T13:37:21	3	0	23	20	3	1.0606	1.0591	-0.0016	0.9848	0.9847	0.0001
2024-01-26T13:38:38	6	0	203	201	2	1.0601	1.0601	0.0000	-0.9693	-0.9693	0.0000
2024-01-26T13:39:17	2	0	11	11	0	1.0234	1.0231	-0.0004	0.9617	0.9616	0.0001
2024-01-26T13:39:53	3	0	83	72	11	1.0573	1.0572	-0.0001	0.9708	0.9694	0.0014
2024-01-26T13:41:13	1	0	11	11	0	0.9686	0.9685	-0.0001	0.962	0.9649	-0.0029
2024-01-26T13:41:38	2	0	16	14	2	1.0557	1.0557	0.0000	0.9979	0.9979	0.0000
2024-01-26T13:42:14	2	0	54	53	1	1.0589	1.0587	-0.0002	-0.9988	-0.9988	0.0000
2024-01-26T13:43:06	1	0	3	2	1	1.0586	1.0580	-0.0006	-0.9987	-0.9988	0.0001
2024-01-26T13:43:13	1	0	2	2	0	1.0116	1.0112	-0.0004	0.982	0.9819	0.0001
2024-01-26T13:43:33	1	0	16	15	1	1.0468	1.0461	-0.0007	0.9842	0.9842	0.0000
2024-01-26T13:43:49	2	0	2	2	0	1.0156	1.0153	-0.0004	-0.9688	-0.9688	0.0000
2024-01-26T13:43:49	1	0	20	15	5	1.0502	1.0490	-0.0011	0.9977	0.9975	0.0002
2024-01-26T13:44:19	3	0	4	4	0	1.0400	1.0393	-0.0008	0.999	0.9989	0.0001

2024-01-26T13:44:22	1	0	47	47	0	1.0543	1.0535	-0.0008	0.9953	0.9953	0.0000
2024-01-26T13:44:37	1	0	6	6	0	1.0528	1.0528	0.0000	-0.9785	-0.9786	0.0001
2024-01-26T13:45:03	6	0	48	41	7	1.0563	1.0557	-0.0006	0.997	0.9968	0.0002
2024-01-26T13:45:19	4	0	13	12	1	1.0514	1.0511	-0.0003	0.9936	0.9936	0.0000
2024-01-26T13:45:47	1	0	77	76	1	1.0540	1.0539	-0.0001	0.9897	0.9897	0.0000
2024-01-26T13:46:19	5	0	5	5	0	1.0378	1.0377	-0.0002	0.9977	0.9977	0.0000
2024-01-26T13:46:43	2	0	4	4	0	1.0237	1.0236	-0.0001	0.9961	0.996	0.0001
2024-01-26T13:47:10	2	0	1	0	1	1.0554	null	null	0.9983	0.9983	0.0000
2024-01-26T13:47:48	3	0	61	58	3	1.0566	1.0560	-0.0006	-1	1	0.0000
2024-01-26T13:47:49	2	0	2	2	0	1.0248	1.0245	-0.0004	0.9781	0.978	0.0001
2024-01-26T13:47:56	7	0	20	19	1	1.0511	1.0508	-0.0003	0.979	0.979	0.0000
2024-01-26T13:49:10	1	0	17	17	0	1.0494	1.0492	-0.0002	-0.9857	-0.986	0.0003
2024-01-26T13:50:20	1	0	46	45	1	1.0564	1.0563	-0.0001	0.9968	0.9966	0.0002
2024-01-26T13:50:34	3	0	33	31	2	1.0557	1.0562	0.0005	0.935	0.934	0.0010
2024-01-26T13:51:00	1	0	46	44	2	1.0492	1.0491	0.0000	-0.9932	-0.9932	0.0000
2024-01-26T13:51:05	3	0	62	57	5	1.0561	1.0560	-0.0001	-0.9992	-0.9992	0.0000
2024-01-26T13:51:14	1	0	2	2	0	1.0405	1.0403	-0.0002	-0.996	-0.9959	-0.0001
2024-01-26T13:53:39	12	0	481	467	14	1.0636	1.0634	-0.0002	-0.9599	-0.9605	0.0006
2024-01-26T13:57:13	1	0	1	1	0	1.0576	1.0572	-0.0004	0.9861	0.986	0.0001
2024-01-26T13:57:16	1	0	57	57	0	1.0583	1.0582	-0.0001	-0.9996	-0.9996	0.0000
2024-01-26T13:57:49	1	0	1	1	0	1.0587	1.0581	-0.0006	0.9761	0.976	0.0001
2024-01-26T13:58:14	2	0	3	3	0	1.0101	1.0098	-0.0003	0.9871	0.9869	0.0002
2024-01-26T13:58:39	1	0	15	15	0	1.0426	1.0425	-0.0001	0.981	0.9805	0.0005
2024-01-26T13:58:58	3	0	29	27	2	1.0514	1.0508	-0.0006	0.9976	0.9974	0.0002
2024-01-26T13:59:23	1	0	70	68	2	1.0549	1.0542	-0.0008	0.9943	0.9943	0.0000
2024-01-26T14:00:00	1	0	63	60	3	1.0523	1.0521	-0.0002	-0.993	-0.993	0.0000
2024-01-26T14:01:19	6	0	2	2	0	1.0340	1.0336	-0.0005	0.9719	0.9708	0.0011
2024-01-26T14:01:44	6	0	8	8	0	1.0242	1.0257	0.0014	0.9962	0.9961	0.0001
2024-01-26T14:01:45	1	0	1	1	0	1.0217	1.0213	-0.0004	0.9715	0.9712	0.0003
2024-01-26T14:02:29	1	0	25	24	1	1.0503	1.0500	-0.0003	-0.98	-0.9799	-0.0001
2024-01-26T14:02:34	2	0	11	11	0	1.0338	1.0337	-0.0001	0.9995	0.9994	0.0001
2024-01-26T14:02:57	5	0	28	26	2	1.0517	1.0513	-0.0003	0.9821	0.9821	0.0000
2024-01-26T14:04:03	1	0	1	1	0	1.0578	1.0576	-0.0002	0.9593	0.9592	0.0001
2024-01-26T14:04:11	2	0	17	16	1	1.0486	1.0484	-0.0003	-0.9866	-0.9871	0.0005
2024-01-26T14:04:13	3	0	15	15	0	1.0096	1.0098	0.0003	0.9853	0.9854	-0.0001
2024-01-26T14:04:26	1	0	1	1	0	1.0206	1.0203	-0.0003	-0.9999	-0.9999	0.0000
2024-01-26T14:05:21	3	0	39	38	1	1.0564	1.0562	-0.0001	0.9938	0.9931	0.0007
2024-01-26T14:05:35	7	0	50	50	0	1.0565	1.0563	-0.0002	0.9381	0.9375	0.0006
2024-01-26T14:06:01	5	0	54	50	4	1.0493	1.0494	0.0001	-0.9905	-0.9906	0.0001
2024-01-26T14:06:06	15	0	47	43	4	1.0551	1.0546	-0.0004	-0.9998	-0.9999	0.0001
2024-01-26T14:06:18	1	0	4	4	0	1.0385	1.0385	0.0000	-0.9958	-0.9957	-0.0001
2024-01-26T14:06:19	3	0	1	0	1	1.0554	null	null	0.9995	0.9994	0.0001
2024-01-26T14:07:00	1	0	14	14	0	0.9896	0.9895	0.0000	0.9886	0.9886	0.0000
2024-01-26T14:08:01	3	0	12	10	2	1.0438	1.0481	0.0043	0.9958	0.9957	0.0001
2024-01-26T14:08:53	18	0	474	459	15	1.0639	1.0638	-0.0001	-0.9632	-0.9636	0.0004
2024-01-26T14:09:55	2	0	8	8	0	1.0516	1.0515	-0.0002	0.9771	0.9767	0.0004
2024-01-26T14:11:52	1	0	8	8	0	1.0568	1.0567	-0.0001	0.9971	0.9971	0.0000
2024-01-26T14:12:13	1	0	5	4	1	1.0533	1.0513	-0.0020	0.9996	0.9996	0.0000
2024-01-26T14:12:17	3	0	50	50	0	1.0570	1.0569	-0.0001	-0.999	-0.999	0.0000
2024-01-26T14:13:16	1	0	1	1	0	1.0060	1.0058	-0.0002	0.9967	0.9968	-0.0001
2024-01-26T14:13:39	1	0	18	17	1	1.0479	1.0480	0.0000	0.9969	0.9969	0.0000
2024-01-26T14:13:47	1	0	8	8	0	1.0451	1.0451	-0.0001	0.9814	0.981	0.0004
2024-01-26T14:13:49	1	0	6	6	0	1.0299	1.0297	-0.0002	0.9932	0.9931	0.0001
2024-01-26T14:13:51	2	0	4	4	0	1.0074	1.0073	-0.0001	-0.9664	-0.9663	-0.0001
2024-01-26T14:14:13	7	0	23	15	8	1.0489	1.0458	-0.0031	0.9981	0.9978	0.0003
2024-01-26T14:14:13	2	0	4	4	0	1.0229	1.0227	-0.0002	0.9949	0.9949	0.0000
2024-01-26T14:14:21	3	0	4	4	0	1.0408	1.0399	-0.0009	0.9987	0.9986	0.0001
2024-01-26T14:14:24	1	0	68	68	0	1.0564	1.0556	-0.0008	0.9957	0.9957	0.0000
2024-01-26T14:14:39	2	0	5	5	0	1.0514	1.0513	-0.0001	-0.9856	-0.9858	0.0002
2024-01-26T14:15:01	1	0	119	116	3	1.0539	1.0540	0.0001	-0.9919	-0.992	0.0001
2024-01-26T14:15:06	6	0	41	40	1	1.0553	1.0550	-0.0004	0.9961	0.9958	0.0003
2024-01-26T14:15:49	1	0	106	105	1	1.0528	1.0528	0.0000	0.9895	0.9895	0.0000
2024-01-26T14:15:54	2	0	8	7	1	1.0401	1.0375	-0.0026	-1	-1	0.0000
2024-01-26T14:16:20	8	0	2	2	0	1.0349	1.0343	-0.0006	0.9712	0.97	0.0012
2024-01-26T14:17:35	2	0	17	17	0	1.0450	1.0449	0.0000	0.9998	0.9997	0.0001
2024-01-26T14:17:50	8	0	64	58	6	1.0560	1.0554	-0.0006	-0.9998	-0.9998	0.0000
2024-01-26T14:17:58	5	0	30	28	2	1.0521	1.0519	-0.0002	0.9822	0.9821	0.0001
2024-01-26T14:19:04	2	0	1	1	0	1.0562	1.0555	-0.0007	0.9596	0.9594	0.0002
2024-01-26T14:19:12	2	0	19	17	2	1.0497	1.0494	-0.0003	-0.9875	-0.988	0.0005
2024-01-26T14:19:15	4	0	27	26	1	1.0356	1.0349	-0.0007	0.9857	0.9858	-0.0001
2024-01-26T14:19:24	1	0	1	1	0	1.0198	1.0195	-0.0003	0.9641	0.9638	0.0003
2024-01-26T14:19:27	2	0	1	1	0	1.0272	1.0268	-0.0004	-0.9998	-0.9998	0.0000
2024-01-26T14:20:24	3	0	60	56	4	1.0572	1.0572	0.0000	0.9974	0.9972	0.0002
2024-01-26T14:20:39	7	0	72	67	5	1.0581	1.0578	-0.0003	0.9386	0.9377	0.0009
2024-01-26T14:20:48	3	0	26	26	0	1.0461	1.0459	-0.0002	-0.9971	-0.9973	0.0002
2024-01-26T14:20:55	2	0	7	7	0	1.0226	1.0223	-0.0004	0.8557	0.8412	0.0145
2024-01-26T14:21:02	5	0	48	46	2	1.0476	1.0476	0.0001	-0.9922	-0.9923	0.0001
2024-01-26T14:21:07	17	0	54	46	8	1.0560	1.0554	-0.0006	-1	1	0.0000
2024-01-26T14:21:14	1	0	140	138	2	1.0626	1.0620	-0.0006	-0.9653	-0.9666	0.0013
2024-01-26T14:21:18	2	0	4	4	0	1.0385	1.0383	-0.0002	-0.9956	-0.9955	-0.0001
2024-01-26T14:22:01	2	0	15	15	0	0.9857	0.9857	0.0000	0.9889	0.9888	0.0001
2024-01-26T14:23:02	3	0	16	15	1	1.0479	1.0473	-0.0006	0.9967	0.9967	0.0000
2024-01-26T14:24:06	5	0	269	265	4	1.0626	1.0626	0.0000	-0.9744	-0.9744	0.0000
2024-01-26T14:24:20	2	0	19	18	1	1.0552	1.0550	-0.0002	0.9633	0.9633	0.0000
2024-01-26T14:24:56	2	0	8	8	0	1.0514	1.0513	-0.0001	0.9821	0.9818	0.0003

2024-01-26T14:26:14	1	0	2	1	1	1.0278	1.0273	-0.0006	-0.9879	-0.9888	0.0009
2024-01-26T14:26:16	2	0	646	641	5	0.8557	0.8574	0.0017	0.9038	0.9041	-0.0003
2024-01-26T14:26:27	1	0	6	6	0	1.0317	1.0316	-0.0001	0.9866	0.9867	-0.0001
2024-01-26T14:26:53	2	0	8	8	0	1.0564	1.0563	0.0000	0.9969	0.9969	0.0000
2024-01-26T14:27:14	1	0	4	4	0	1.0502	1.0501	-0.0001	0.9994	0.9994	0.0000
2024-01-26T14:27:18	3	0	69	69	0	1.0600	1.0599	-0.0001	-0.9985	-0.9985	0.0000
2024-01-26T14:27:51	1	0	1	1	0	1.0581	1.0576	-0.0005	0.9769	0.9769	0.0000
2024-01-26T14:27:51	4	0	1	0	1	0.9887	null	null	-1	-1	0.0000
2024-01-26T14:28:16	1	0	2	2	0	1.0114	1.0112	-0.0002	0.9984	0.9985	-0.0001
2024-01-26T14:28:40	1	0	17	17	0	1.0474	1.0473	-0.0001	0.9965	0.9965	0.0000
2024-01-26T14:28:52	2	0	4	4	0	1.0202	1.0201	-0.0001	-0.9644	-0.9643	-0.0001
2024-01-26T14:28:54	7	0	9	9	0	1.0476	1.0472	-0.0004	0.9891	0.9885	0.0006
2024-01-26T14:28:57	2	0	4	5	-1	1.0309	1.0305	-0.0004	0.9927	0.9926	0.0001
2024-01-26T14:29:14	2	0	4	4	0	1.0328	1.0327	-0.0001	0.9969	0.9969	0.0000
2024-01-26T14:29:21	9	0	21	15	6	1.0485	1.0485	0.0001	0.9978	0.9976	0.0002
2024-01-26T14:29:25	2	0	56	56	0	1.0527	1.0526	-0.0001	0.9944	0.9944	0.0000
2024-01-26T14:29:33	2	0	9	9	0	1.0212	1.0211	-0.0001	0.9986	0.9986	0.0000
2024-01-26T14:30:01	1	0	2	2	0	1.0342	1.0342	0.0000	-0.9998	-0.9998	0.0000
2024-01-26T14:30:07	5	0	36	35	1	1.0547	1.0546	-0.0001	0.9958	0.9956	0.0002
2024-01-26T14:30:15	2	0	97	96	1	1.0531	1.0530	-0.0001	-0.9912	-0.9912	0.0000
2024-01-26T14:30:55	3	0	104	102	2	1.0535	1.0535	0.0000	0.9896	0.9896	0.0000
2024-01-26T14:31:21	8	0	2	2	0	1.0347	1.0344	-0.0003	0.9704	0.9697	0.0007
2024-01-26T14:31:46	16	0	9	8	1	1.0253	1.0235	-0.0018	0.9961	0.9956	0.0005
2024-01-26T14:32:36	2	0	14	14	0	1.0407	1.0407	0.0000	0.9996	0.9996	0.0000
2024-01-26T14:32:59	5	0	36	35	1	1.0530	1.0529	-0.0001	0.9819	0.9819	0.0000
2024-01-26T14:33:00	9	0	62	60	2	1.0548	1.0545	-0.0004	-0.9999	-0.9999	0.0000
2024-01-26T14:33:02	2	0	2	2	0	1.0268	1.0265	-0.0003	0.9797	0.9797	0.0000
2024-01-26T14:34:13	3	0	36	34	2	1.0528	1.0510	-0.0018	-0.9749	-0.976	0.0011
2024-01-26T14:34:28	2	0	1	1	0	1.0268	1.0267	-0.0001	-0.9998	-0.9998	0.0000
2024-01-26T14:34:28	3	0	21	21	0	1.0511	1.0512	0.0001	0.9868	0.9867	0.0001
2024-01-26T14:34:29	1	0	1	1	0	1.0197	1.0197	0.0000	0.9647	0.9647	0.0000
2024-01-26T14:34:34	2	0	3	3	0	1.0311	1.0309	-0.0002	-0.9995	-0.9995	0.0000
2024-01-26T14:35:05	1	0	7	6	1	1.0475	1.0477	0.0002	0.9984	0.9984	0.0000
2024-01-26T14:35:25	3	0	47	44	3	1.0568	1.0567	-0.0001	0.9944	0.9937	0.0007
2024-01-26T14:35:36	2	0	15	14	1	1.0550	1.0548	-0.0001	0.9987	0.9985	0.0002
2024-01-26T14:35:49	1	0	28	28	0	1.0481	1.0480	0.0000	-0.999	-0.999	0.0000
2024-01-26T14:35:53	8	0	115	109	6	1.0603	1.0602	-0.0001	0.9554	0.9544	0.0010
2024-01-26T14:35:56	4	0	7	7	0	1.0216	1.0214	-0.0002	0.8441	0.8429	0.0012
2024-01-26T14:36:03	2	0	50	50	0	1.0485	1.0484	0.0000	-0.9915	-0.9915	0.0000
2024-01-26T14:36:08	18	0	51	45	6	1.0556	1.0552	-0.0004	-1	-1	0.0000
2024-01-26T14:36:16	2	0	142	140	2	1.0630	1.0626	-0.0003	-0.9659	-0.9672	0.0013
2024-01-26T14:36:19	1	0	2	2	0	1.0358	1.0358	-0.0001	-0.9959	-0.9957	-0.0002
2024-01-26T14:36:47	2	0	12	12	0	1.0416	1.0416	0.0000	0.9966	0.9967	-0.0001
2024-01-26T14:37:06	3	0	12	12	0	1.0089	1.0088	-0.0001	0.9895	0.9895	0.0000
2024-01-26T14:37:23	2	0	1	0	1	1.0145	null	null	0.9892	0.989	0.0002
2024-01-26T14:37:25	1	0	1	1	0	0.9407	0.9425	0.0018	0.9926	0.9934	-0.0008
2024-01-26T14:37:25	4	0	49	27	22	1.0613	1.0596	-0.0018	0.9851	0.9849	0.0002
2024-01-26T14:39:07	4	0	207	206	1	1.0606	1.0606	0.0000	-0.9765	-0.9765	0.0000
2024-01-26T14:39:53	1	0	48	48	0	1.0532	1.0532	0.0000	0.9672	0.9671	0.0001
2024-01-26T14:39:57	3	0	7	7	0	1.0509	1.0507	-0.0002	0.983	0.9825	0.0005
2024-01-26T14:41:17	1	0	2	2	0	1.0274	1.0263	-0.0011	-0.9882	-0.9885	0.0003
2024-01-26T14:41:54	2	0	8	8	0	1.0543	1.0543	0.0000	0.9965	0.9965	0.0000
2024-01-26T14:42:15	1	0	3	3	0	1.0519	1.0518	0.0000	-1	-1	0.0000
2024-01-26T14:42:19	2	0	55	55	0	1.0582	1.0582	0.0000	-0.9993	-0.9993	0.0000
2024-01-26T14:42:52	4	0	1	1	0	0.9886	0.9894	0.0008	-0.9999	-0.9999	0.0000
2024-01-26T14:43:17	4	0	3	3	0	1.0089	1.0082	-0.0007	0.9964	0.9961	0.0003
2024-01-26T14:43:41	1	0	20	20	0	1.0488	1.0487	0.0000	0.9968	0.9968	0.0000
2024-01-26T14:43:53	1	0	4	4	0	1.0205	1.0205	0.0000	-0.9664	-0.9622	-0.0042
2024-01-26T14:43:55	7	0	11	10	1	1.0461	1.0452	-0.0009	0.9832	0.9832	0.0000
2024-01-26T14:44:05	2	0	4	4	0	1.0336	1.0333	-0.0003	0.9932	0.9931	0.0001
2024-01-26T14:44:16	2	0	5	5	0	1.0358	1.0358	0.0000	0.9974	0.9974	0.0000
2024-01-26T14:44:26	2	0	65	65	0	1.0515	1.0515	0.0000	0.9944	0.9944	0.0000
2024-01-26T14:44:34	2	0	9	9	0	1.0233	1.0233	0.0000	0.9989	0.9989	0.0000
2024-01-26T14:44:34	7	0	20	18	2	1.0488	1.0473	-0.0016	0.9976	0.9974	0.0002
2024-01-26T14:44:45	2	0	5	5	0	1.0517	1.0517	0.0000	-0.982	-0.9822	0.0002
2024-01-26T14:45:08	4	0	41	41	0	1.0555	1.0555	0.0000	0.996	0.996	0.0000
2024-01-26T14:45:25	1	0	10	10	0	1.0516	1.0515	-0.0001	0.9946	0.9945	0.0001
2024-01-26T14:45:27	2	0	125	123	2	1.0544	1.0543	-0.0001	-0.9915	-0.9916	0.0001
2024-01-26T14:46:07	1	0	5	5	0	1.0463	1.0462	-0.0002	0.987	0.9869	0.0001
2024-01-26T14:46:22	10	0	26	27	-1	1.0490	1.0492	0.0002	0.988	0.9874	0.0006
2024-01-26T14:46:48	1	0	1	1	0	1.0216	1.0214	-0.0002	0.9682	0.968	0.0002
2024-01-26T14:47:23	1	0	2	2	0	1.0398	1.0390	-0.0008	1	1	0.0000
2024-01-26T14:48:45	1	0	5	5	0	1.0410	1.0410	-0.0001	-0.9993	-0.999	-0.0003
2024-01-26T14:49:14	1	0	31	29	2	1.0510	1.0494	-0.0016	-0.9854	-0.9816	-0.0038
2024-01-26T14:49:30	1	0	1	1	0	1.0356	1.0353	-0.0003	0.9674	0.9673	0.0001
2024-01-26T14:50:26	1	0	102	92	10	1.0574	1.0573	0.0000	0.9981	0.9978	0.0003
2024-01-26T14:50:37	1	0	60	60	0	1.0561	1.0559	-0.0002	0.9977	0.9977	0.0000
2024-01-26T14:51:04	4	0	52	52	0	1.0478	1.0478	0.0000	-0.9917	-0.9917	0.0000
2024-01-26T14:51:20	1	0	4	4	0	1.0365	1.0364	-0.0001	-0.9963	-0.9962	-0.0001
2024-01-26T14:51:22	3	0	1	1	0	1.0452	1.0450	-0.0002	0.9984	0.9984	0.0000
2024-01-26T14:54:08	2	0	275	272	3	1.0625	1.0625	0.0000	-0.9735	-0.9734	-0.0001
2024-01-26T14:56:18	3	0	3	3	0	0.9581	0.9820	0.0239	-0.9905	-0.9885	-0.0020
2024-01-26T14:56:22	1	0	1	1	0	0.9442	0.9442	0.0000	0.9531	0.9532	-0.0001
2024-01-26T14:56:29	1	0	12	12	0	1.0316	1.0316	0.0000	0.9827	0.9828	-0.0001
2024-01-26T14:57:53	1	0	1	1	0	1.0595	1.0594	-0.0001	0.9783	0.9783	0.0000

2024-01-26T14:58:56	2	0	11	10	1	1.0453	1.0457	0.0004	0.9886	0.9884	0.0002
2024-01-26T14:59:07	2	0	5	5	0	1.0154	1.0154	-0.0001	-0.9665	-0.9625	-0.0040
2024-01-26T14:59:24	3	0	3	3	0	1.0309	1.0300	-0.0009	0.9985	0.9984	0.0001
2024-01-26T15:00:03	1	0	1	1	0	1.0356	1.0356	0.0000	-0.9997	-0.9997	0.0000
2024-01-26T15:00:39	1	0	155	155	0	1.0554	1.0553	0.0000	-0.9901	-0.9902	0.0001
2024-01-26T15:00:57	2	0	152	147	5	1.0541	1.0541	0.0000	0.9889	0.9889	0.0000
2024-01-26T15:01:49	1	0	1	1	0	1.0268	1.0264	-0.0004	0.9703	0.9699	0.0004
2024-01-26T15:01:57	1	0	2	2	0	1.0232	1.0229	-0.0004	-0.9863	-0.9862	-0.0001
2024-01-26T15:02:24	2	0	3	3	0	1.0377	1.0373	-0.0003	-1	-1	0.0000
2024-01-26T15:03:17	1	0	46	45	1	1.0533	1.0532	-0.0002	-1	-1	0.0000
2024-01-26T15:04:18	1	0	11	8	3	1.0496	1.0468	-0.0028	-0.9891	-0.9928	0.0037
2024-01-26T15:04:53	1	0	7	7	0	1.0405	1.0404	-0.0002	0.987	0.9868	0.0002
2024-01-26T15:05:27	1	0	87	80	7	1.0574	1.0574	0.0000	0.9976	0.9977	-0.0001
2024-01-26T15:06:18	1	0	138	135	3	1.0609	1.0607	-0.0002	-0.9605	-0.9617	0.0012
2024-01-26T15:06:23	2	0	1	0	1	0.9444	null	null	0.9986	0.9987	-0.0001
2024-01-26T15:07:08	1	0	19	19	0	0.9819	0.9820	0.0002	0.9882	0.9882	0.0000
2024-01-26T15:07:39	19	0	3	2	1	1.0184	1.0076	-0.0108	0.988	0.987	0.0010
2024-01-26T15:09:09	2	0	368	361	7	1.0631	1.0630	0.0000	-0.9717	-0.9717	0.0000
2024-01-26T15:10:29	1	0	35	35	0	1.0470	1.0470	0.0000	0.9996	0.9996	0.0000
2024-01-26T15:11:23	1	0	617	616	1	0.8523	0.8524	0.0000	0.8965	0.8967	-0.0002
2024-01-26T15:14:51	1	0	25	18	7	1.0514	1.0490	-0.0024	0.9981	0.9979	0.0002
2024-01-26T15:16:39	1	0	27	26	1	1.0505	1.0502	-0.0003	0.9708	0.9703	0.0005
2024-01-26T15:17:00	2	0	8	8	0	1.0211	1.0211	0.0000	0.9966	0.9965	0.0001
2024-01-26T15:17:34	1	0	33	32	1	1.0500	1.0498	-0.0002	-0.9731	-0.973	-0.0001
2024-01-26T15:19:19	1	0	20	20	0	1.0482	1.0480	-0.0002	-0.9855	-0.9819	-0.0036
2024-01-26T15:20:28	1	0	102	96	6	1.0572	1.0571	-0.0001	0.9992	0.999	0.0002
2024-01-26T15:21:27	3	0	2	2	0	1.0641	1.0633	-0.0009	-0.9468	-0.9547	0.0079
2024-01-26T15:22:51	6	0	2	2	0	1.0313	1.0303	-0.0010	0.9886	0.9884	0.0002
2024-01-26T15:23:43	4	0	11	10	1	1.0352	1.0343	-0.0009	0.9999	0.9999	0.0000
2024-01-26T15:25:11	1	0	47	45	2	1.0505	1.0505	0.0000	0.9679	0.9678	0.0001
2024-01-26T15:26:24	1	0	7	7	0	0.9831	0.9830	-0.0001	0.95	0.9497	0.0003
2024-01-26T15:27:48	1	0	1	1	0	1.0452	1.0452	0.0000	0.969	0.969	0.0000
2024-01-26T15:28:19	1	0	41	40	1	1.0486	1.0484	-0.0002	-1	-1	0.0000
2024-01-26T15:30:48	1	0	28	28	0	1.0494	1.0494	0.0000	-0.9986	-0.9986	0.0000
2024-01-26T15:34:20	1	0	18	17	1	1.0476	1.0473	-0.0003	-0.9903	-0.9907	0.0004
2024-01-26T15:35:29	1	0	78	75	3	1.0570	1.0570	0.0000	0.9977	0.9974	0.0003
2024-01-26T15:36:12	2	0	41	41	0	1.0533	1.0532	0.0000	0.9999	0.9999	0.0000
2024-01-26T15:36:25	2	0	1	1	0	1.0563	1.0559	-0.0004	0.989	0.9887	0.0003
2024-01-26T15:37:58	1	0	2	2	0	1.0215	1.0212	-0.0003	0.9883	0.9883	0.0000
2024-01-26T15:41:18	2	0	1	1	0	1.0094	1.0079	-0.0015	-0.998	-0.9981	0.0001
2024-01-26T15:41:24	1	0	2	2	0	1.0183	1.0181	-0.0002	-0.9756	-0.9784	0.0028
2024-01-26T15:45:12	1	0	109	109	0	1.0565	1.0565	0.0000	0.9963	0.9963	0.0000
2024-01-26T15:46:00	1	0	1	0	1	1.0561	null	null	0.9885	0.9885	0.0000
2024-01-26T15:50:30	1	0	106	100	6	1.0574	1.0572	-0.0002	0.9994	0.9992	0.0002
2024-01-26T15:51:13	1	0	38	38	0	1.0539	1.0538	0.0000	1	1	0.0000
2024-01-26T15:56:11	1	0	5	5	0	1.0245	1.0243	-0.0002	0.9803	0.9803	0.0000
2024-01-26T15:56:59	1	0	3	3	0	1.0458	1.0458	0.0000	0.9894	0.9884	0.0010
2024-01-26T16:00:13	1	0	123	123	0	1.0564	1.0564	0.0000	0.9964	0.9964	0.0000
2024-01-26T16:00:53	3	0	1	0	1	1.0168	null	null	0.9816	0.9815	0.0001
2024-01-26T16:04:52	1	0	46	46	0	1.0473	1.0476	0.0003	0.9901	0.99	0.0001
2024-01-26T16:04:56	1	0	1	1	0	1.0304	1.0300	-0.0004	0.9957	0.9957	0.0000
2024-01-26T16:15:14	1	0	37	37	0	1.0546	1.0546	0.0000	0.9972	0.9972	0.0000
2024-01-26T16:15:54	7	0	3	3	0	1.0123	1.0111	-0.0012	0.9802	0.9798	0.0004
2024-01-26T16:19:23	1	0	13	13	0	1.0471	1.0468	-0.0003	-0.988	-0.9882	0.0002
2024-01-26T16:34:13	1	0	1	1	0	1.0116	1.0115	-0.0001	0.965	0.9649	0.0001
2024-01-26T16:34:24	1	0	15	15	0	1.0479	1.0477	-0.0001	-0.9896	-0.9898	0.0002
2024-01-26T16:45:25	1	0	128	128	0	1.0562	1.0562	0.0000	0.9972	0.9972	0.0000
2024-01-27T14:52:30	1	0	1	1	0	1.0358	1.0355	-0.0003	0.9911	0.991	0.0001
2024-01-28T08:04:41	1	0	250	250	0	1.0665	1.0665	0.0000	0.9829	0.9829	0.0000
2024-01-28T08:29:06	1	0	15	15	0	1.0487	1.0487	0.0000	-1	-1	0.0000
2024-01-28T08:36:27	1	0	3	3	0	0.9512	0.9515	0.0003	0.9878	0.9876	0.0002
2024-01-28T08:51:28	1	0	3	3	0	0.9516	0.9520	0.0003	0.9879	0.9878	0.0001
2024-01-28T08:58:25	1	0	1	1	0	1.0376	1.0372	-0.0004	0.9989	0.9989	0.0000
2024-01-28T09:03:15	1	0	25	24	1	0.9448	0.9450	0.0002	0.9819	0.9819	0.0000
2024-01-28T09:04:00	1	0	5	5	0	1.0061	1.0061	0.0000	0.985	0.9849	0.0001
2024-01-28T09:04:45	1	0	158	158	0	1.0643	1.0643	0.0000	0.979	0.979	0.0000
2024-01-28T09:06:36	3	0	8	8	0	0.9462	0.9467	0.0005	0.9957	0.9956	0.0001
2024-01-28T09:14:09	1	0	13	13	0	1.0484	1.0484	0.0000	1	1	0.0000
2024-01-28T09:18:07	1	0	82	79	3	0.9456	0.9464	0.0009	0.9942	0.9942	0.0000
2024-01-28T09:19:46	3	0	91	87	4	1.0602	1.0595	-0.0007	0.9688	0.9686	0.0002
2024-01-28T09:20:07	1	0	3	3	0	1.0346	1.0341	-0.0005	0.9317	0.931	0.0007
2024-01-28T09:27:28	2	0	1	1	0	1.0115	1.0107	-0.0008	-0.9997	-0.9997	0.0000
2024-01-28T09:33:08	1	0	78	77	1	0.9477	0.9481	0.0004	0.9935	0.9934	0.0001
2024-01-28T09:34:47	3	0	101	100	1	1.0595	1.0595	-0.0001	0.9509	0.9513	-0.0004
2024-01-28T09:45:27	2	0	2	2	0	0.9760	0.9764	0.0003	0.9962	0.9962	0.0000
2024-01-28T09:45:30	6	0	1	1	0	1.0210	1.0190	-0.0020	0.9219	0.9201	0.0018
2024-01-28T09:45:51	2	0	2	2	0	1.0033	1.0031	-0.0002	0.9968	0.9968	0.0000
2024-01-28T09:46:04	2	0	1	1	0	0.9832	0.9838	0.0006	-0.9702	-0.9692	-0.0010
2024-01-28T09:46:49	2	0	6	6	0	1.0211	1.0209	-0.0002	-1	-1	0.0000
2024-01-28T09:48:18	3	0	3	3	0	0.9632	0.9644	0.0012	0.9866	0.9868	-0.0002
2024-01-28T09:49:04	1	0	5	5	0	1.0049	1.0048	-0.0002	0.9834	0.9832	0.0002
2024-01-28T09:50:09	2	0	4	4	0	1.0144	1.0142	-0.0002	0.9307	0.93	0.0007
2024-01-28T09:51:32	1	0	1	1	0	1.0193	1.0187	-0.0006	0.9929	0.9932	-0.0003
2024-01-28T09:54:45	1	0	100	100	0	0.9372	0.9372	0.0000	-0.9981	-0.998	-0.0001
2024-01-28T09:55:18	1	0	4	4	0	1.0148	1.0146	-0.0002	0.9799	0.9799	0.0000

2024-01-28T09:57:22	1	0	1	1	0	1.0456	1.0450	-0.0006	-0.9649	-0.965	0.0001
2024-01-28T09:58:48	1	0	2	2	0	1.0501	1.0499	-0.0002	-0.9952	-0.9953	0.0001
2024-01-28T09:59:15	1	0	13	13	0	1.0490	1.0490	0.0000	0.9999	0.9999	0.0000
2024-01-28T09:59:26	1	0	2	2	0	1.0468	1.0466	-0.0002	0.9989	0.9988	0.0001
2024-01-28T10:01:24	4	0	1	1	0	1.0430	1.0420	-0.0010	-0.9896	-0.9796	-0.0100
2024-01-28T10:02:07	1	0	2	2	0	1.0375	1.0373	-0.0002	0.9883	0.9882	0.0001
2024-01-28T10:03:10	1	0	71	71	0	0.9476	0.9478	0.0001	0.993	0.9929	0.0001
2024-01-28T10:04:49	1	0	148	147	1	0.9352	0.9352	0.0000	0.9204	0.9204	0.0000
2024-01-28T10:05:16	1	0	8	8	0	1.0419	1.0419	-0.0001	-0.9999	-0.9999	0.0000
2024-01-28T10:05:28	1	0	3	3	0	1.0115	1.0112	-0.0003	1	1	0.0000
2024-01-28T10:07:04	2	0	11	11	0	1.0448	1.0447	-0.0001	-0.997	-0.9971	0.0001
2024-01-28T10:08:35	1	0	7	7	0	1.0461	1.0461	0.0000	0.9911	0.9911	0.0000
2024-01-28T10:09:04	1	0	1	1	0	0.9872	0.9876	0.0004	0.9824	0.9825	-0.0001
2024-01-28T10:09:46	5	0	58	50	8	0.9414	0.9421	0.0007	-0.9977	-0.9975	-0.0002
2024-01-28T10:13:28	2	0	17	17	0	0.9582	0.9583	0.0001	0.9954	0.9954	0.0000
2024-01-28T10:14:16	4	0	12	12	0	1.0477	1.0477	0.0000	0.9999	0.9999	0.0000
2024-01-28T10:15:53	2	0	3	3	0	1.0088	1.0087	-0.0002	0.9969	0.9969	0.0000
2024-01-28T10:16:59	6	0	3	3	0	1.0390	1.0372	-0.0018	1	1	0.0000
2024-01-28T10:17:08	1	0	2	0	2	0.9406	null	null	0.9871	0.9871	0.0000
2024-01-28T10:19:50	1	0	158	157	1	0.9182	0.9184	0.0003	0.9171	0.9173	-0.0002
2024-01-28T10:20:10	1	0	17	17	0	1.0452	1.0452	0.0000	0.9995	0.9995	0.0000
2024-01-28T10:20:13	18	0	3	2	1	1.0147	1.0006	-0.0142	1	-1	0.0000
2024-01-28T10:21:15	1	0	2	2	0	1.0411	1.0408	-0.0003	0.9962	0.9961	0.0001
2024-01-28T10:24:09	2	0	19	17	2	1.0440	1.0435	-0.0005	0.9739	0.9719	0.0020
2024-01-28T10:28:08	2	0	1	0	1	0.9933	null	null	-0.9874	-0.9872	-0.0002
2024-01-28T10:29:16	1	0	1	0	1	1.0557	null	null	0.9896	0.9895	0.0001
2024-01-28T10:29:17	4	0	13	13	0	1.0486	1.0486	-0.0001	0.9998	0.9998	0.0000
2024-01-28T10:30:04	1	0	1	1	0	1.0249	1.0245	-0.0004	-0.997	-0.997	0.0000
2024-01-28T10:32:09	1	0	2	2	0	0.9417	0.9419	0.0002	0.988	0.988	0.0000
2024-01-28T10:35:23	1	0	1	1	0	0.9738	0.9742	0.0004	1	1	0.0000
2024-01-28T10:36:16	1	0	4	4	0	1.0466	1.0463	-0.0004	0.9969	0.9968	0.0001
2024-01-28T10:36:41	11	0	2	2	0	1.0160	1.0146	-0.0013	0.9922	0.992	0.0002
2024-01-28T10:41:06	1	0	9	9	0	1.0419	1.0418	-0.0001	0.9927	0.9927	0.0000
2024-01-28T10:44:17	1	0	1	1	0	1.0555	1.0554	-0.0001	0.9912	0.9912	0.0000
2024-01-28T10:44:18	5	0	10	10	0	1.0481	1.0481	-0.0001	0.9999	0.9999	0.0000
2024-01-28T10:45:05	2	0	1	0	1	1.0576	null	null	-0.9965	-0.9965	0.0000
2024-01-28T10:49:50	1	0	2	2	0	1.0321	1.0318	-0.0002	0.9948	0.9948	0.0000
2024-01-28T10:50:24	1	0	1	1	0	1.0405	1.0404	-0.0001	-1	-1	0.0000
2024-01-28T10:51:01	1	0	1	1	0	1.0246	1.0241	-0.0005	1	1	0.0000
2024-01-28T10:51:18	1	0	4	4	0	1.0303	1.0300	-0.0003	0.996	0.9959	0.0001
2024-01-28T10:51:43	4	0	10	10	0	0.9495	0.9493	-0.0001	0.9937	0.9936	0.0001
2024-01-28T10:51:50	1	0	3	3	0	1.0090	1.0086	-0.0004	0.992	0.992	0.0000
2024-01-28T10:52:12	1	0	10	10	0	1.0460	1.0460	0.0000	-0.9961	-0.9961	0.0000
2024-01-28T10:54:51	1	0	108	107	1	0.9362	0.9366	0.0004	-0.9985	-0.9985	0.0000
2024-01-28T10:57:43	1	0	1	1	0	1.0567	1.0562	-0.0005	0.9982	-0.9992	-0.0026
2024-01-28T11:00:35	6	0	13	10	3	1.0478	1.0443	-0.0035	0.9582	0.962	-0.0038
2024-01-28T11:01:14	1	0	8	8	0	1.0450	1.0445	-0.0005	0.9959	0.9958	0.0001
2024-01-28T11:03:23	2	0	2	2	0	1.0197	1.0187	-0.0010	0.9857	0.9854	0.0003
2024-01-28T11:03:42	1	0	2	2	0	1.0196	1.0194	-0.0002	-0.9853	-0.9853	0.0000
2024-01-28T11:06:57	8	0	2	2	0	1.0105	1.0095	-0.0010	0.9919	0.9917	0.0002
2024-01-28T11:11:32	1	0	7	7	0	1.0483	1.0482	-0.0001	-0.9994	-0.9994	0.0000
2024-01-28T11:12:27	1	0	2	0	2	1.0564	null	null	-0.9849	-0.9848	-0.0001
2024-01-28T11:14:20	1	0	9	9	0	1.0461	1.0461	0.0000	0.9998	0.9998	0.0000
2024-01-28T11:19:54	1	0	46	46	0	1.0364	1.0366	0.0002	0.9412	0.9411	0.0001
2024-01-28T11:21:49	4	0	1	0	1	1.0395	null	null	-0.9938	-0.994	0.0002
2024-01-28T11:29:38	1	0	1	1	0	1.0763	1.0763	0.0000	0.9987	0.9987	0.0000
2024-01-28T11:30:08	1	0	1	0	1	1.0577	null	null	-0.9968	-0.9968	0.0000
2024-01-28T11:32:13	1	0	9	8	1	0.9670	0.9546	-0.0124	0.9876	0.9875	0.0001
2024-01-28T11:32:25	5	0	3	3	0	1.0392	1.0391	-0.0001	-1	-1	0.0000
2024-01-28T11:33:25	1	0	1	0	1	1.0453	null	null	-0.9824	-0.9824	0.0000
2024-01-28T11:34:58	1	0	8	7	1	0.9428	0.9433	0.0005	-0.9966	-0.9964	-0.0002
2024-01-28T11:36:27	3	0	3	3	0	1.0457	1.0453	-0.0004	0.9958	0.9957	0.0001
2024-01-28T11:36:50	4	0	2	2	0	1.0357	1.0350	-0.0007	-0.9942	-0.9944	0.0002
2024-01-28T11:37:07	2	0	1	1	0	1.0187	1.0185	-0.0002	0.9922	0.9921	0.0001
2024-01-28T11:41:00	1	0	3	3	0	1.0453	1.0452	-0.0001	0.9883	0.9882	0.0001
2024-01-28T11:41:34	1	0	6	6	0	1.0461	1.0461	0.0000	-0.9992	-0.9995	0.0003
2024-01-28T11:43:36	1	0	1	2	-1	1.0380	1.0468	0.0088	0.9989	0.9989	0.0000
2024-01-28T11:45:09	1	0	1	0	1	1.0557	null	null	-0.9977	-0.9976	-0.0001
2024-01-28T11:47:14	1	0	9	6	3	0.9421	0.9622	0.0201	0.9884	0.9885	-0.0001
2024-01-28T11:48:26	6	0	6	7	-1	0.9529	0.9514	-0.0016	0.9811	0.9811	0.0000
2024-01-28T11:48:26	1	0	1	0	1	1.0453	null	null	-0.983	-0.9831	0.0001
2024-01-28T11:49:12	1	0	1	2	-1	1.0243	1.0224	-0.0019	1	1	0.0000
2024-01-28T11:51:30	3	0	5	5	0	1.0211	1.0209	-0.0002	0.9949	0.9949	0.0000
2024-01-28T11:52:13	5	0	3	3	0	1.0303	1.0303	0.0000	0.9916	0.9915	0.0001
2024-01-28T11:56:35	1	0	6	6	0	1.0463	1.0463	0.0000	-0.999	-0.999	0.0000
2024-01-28T12:00:10	1	0	2	1	1	1.0428	1.0272	-0.0156	-0.9981	-0.9981	0.0000
2024-01-28T12:03:27	2	0	2	2	0	1.0458	1.0454	-0.0004	-0.9845	-0.9847	0.0002
2024-01-28T12:04:13	1	0	1	1	0	1.0241	1.0241	0.0000	0.9997	0.9998	-0.0001
2024-01-28T12:05:01	1	0	1	2	-1	0.9429	0.9437	0.0008	-0.9972	-0.9972	0.0000
2024-01-28T12:06:33	3	0	7	7	0	0.9960	0.9959	-0.0001	0.9933	0.9933	0.0000
2024-01-28T12:17:16	1	0	3	2	1	0.9826	0.9424	-0.0402	0.9877	0.9876	0.0001
2024-01-28T12:18:28	1	0	2	2	0	1.0464	1.0459	-0.0005	-0.985	-0.9852	0.0002
2024-01-28T12:26:37	1	0	6	6	0	1.0459	1.0459	0.0000	-0.9992	-0.9995	0.0003
2024-01-28T12:42:33	1	0	1	0	1	1.0554	null	null	-0.9936	-0.9936	0.0000
2024-01-28T12:47:32	6	0	2	3	-1	1.0342	1.0359	0.0017	-1	-0.9999	-0.0001

2024-01-28T12:48:30	6	0	4	4	0	0.9914	0.9896	-0.0018	0.9815	0.9815	0.0000
2024-01-28T12:50:04	1	0	3	4	-1	0.9426	0.9429	0.0003	-0.9962	-0.9963	0.0001
2024-01-28T12:57:53	3	0	9	9	0	1.0573	1.0571	-0.0002	-0.9965	-0.9964	-0.0001
2024-01-28T12:58:18	1	0	8	8	0	0.9464	0.9467	0.0003	-0.9927	-0.9925	-0.0002
2024-01-28T12:58:41	1	0	1	3	-2	1.0404	1.0509	0.0105	0.999	0.9991	-0.0001
2024-01-28T13:01:28	3	0	2	2	0	1.0255	1.0252	-0.0004	0.998	0.9979	0.0001
2024-01-28T13:03:31	3	0	3	3	0	1.0031	1.0041	0.0010	0.9815	0.982	-0.0005
2024-01-28T13:21:57	2	0	2	2	0	1.0364	1.0362	-0.0002	-0.9939	-0.9938	-0.0001
2024-01-28T13:33:33	3	0	1	1	0	1.0577	1.0575	-0.0002	0.9862	0.9859	0.0003
2024-01-28T13:46:31	1	0	1	1	0	1.0281	1.0281	0.0000	0.9969	0.997	-0.0001
2024-01-28T13:48:34	1	0	3	2	1	1.0502	1.0464	-0.0038	-0.9813	-0.9816	0.0003
2024-01-28T14:03:35	2	0	3	2	1	1.0503	1.0466	-0.0037	-0.9845	-0.9849	0.0004
2024-01-28T14:04:53	1	0	4	4	0	1.0483	1.0482	-0.0001	0.9982	0.9981	0.0001
2024-01-28T14:12:39	1	0	79	79	0	1.1395	1.1395	0.0000	-0.9817	-0.9816	-0.0001
2024-01-28T14:12:58	1	0	8	8	0	1.0560	1.0559	-0.0001	-0.9956	-0.9956	0.0000
2024-01-28T14:13:47	1	0	1	1	0	1.0372	1.0368	-0.0004	0.999	0.999	0.0000
2024-01-28T14:14:32	5	0	14	14	0	1.0495	1.0491	-0.0004	-0.9998	-0.9998	0.0000
2024-01-28T14:14:42	1	0	2	2	0	1.0365	1.0363	-0.0002	-0.9979	-0.998	0.0001
2024-01-28T14:18:36	6	0	22	18	4	0.9502	0.9517	0.0015	0.9795	0.9794	0.0001
2024-01-28T14:19:54	1	0	4	4	0	1.0482	1.0482	-0.0001	0.9987	0.9987	0.0000
2024-01-28T14:20:39	1	0	18	18	0	1.0395	1.0394	0.0000	0.9998	0.9998	0.0000
2024-01-28T14:21:53	2	0	5	5	0	1.0354	1.0350	-0.0004	0.9968	0.9967	0.0001
2024-01-28T14:22:31	2	0	1	1	0	1.0251	1.0245	-0.0006	0.9947	0.9947	0.0000
2024-01-28T14:22:31	2	0	12	12	0	1.0471	1.0470	-0.0001	-0.9961	-0.9961	0.0000
2024-01-28T14:25:05	12	0	1	0	1	1.0555	null	null	-0.9956	-0.9958	0.0002
2024-01-28T14:25:36	1	0	2	2	0	1.0358	1.0358	0.0000	0.9956	0.9956	0.0000
2024-01-28T14:27:59	3	0	24	23	1	1.0572	1.0569	-0.0002	-0.9932	-0.9933	0.0001
2024-01-28T14:28:24	2	0	9	9	0	0.9542	0.9543	0.0000	-0.9914	-0.9912	-0.0002
2024-01-28T14:28:47	1	0	1	1	0	1.0316	1.0313	-0.0003	0.9993	0.9993	0.0000
2024-01-28T14:29:33	5	0	13	13	0	1.0504	1.0503	-0.0001	0.9998	0.9999	-0.0001
2024-01-28T14:29:43	1	0	2	2	0	1.0357	1.0357	0.0000	-0.998	-0.998	0.0000
2024-01-28T14:30:15	1	0	97	96	1	1.0517	1.0517	0.0000	-0.9986	-0.9985	-0.0001
2024-01-28T14:30:20	1	0	1	1	0	1.0285	1.0283	-0.0002	-0.9972	-0.9973	0.0001
2024-01-28T14:33:28	1	0	81	81	0	0.9764	0.9764	0.0000	0.992	0.9917	0.0003
2024-01-28T14:33:37	2	0	2	0	2	1.0459	null	null	-0.9841	-0.9846	0.0005
2024-01-28T14:33:52	2	0	2	1	1	1.0468	1.0375	-0.0093	0.9719	0.9719	0.0000
2024-01-28T14:34:55	1	0	4	4	0	1.0460	1.0458	-0.0002	0.9979	0.9976	0.0003
2024-01-28T14:35:07	1	0	177	176	1	1.0640	1.0640	0.0000	0.9748	0.9748	0.0000
2024-01-28T14:35:14	3	0	40	33	7	1.0075	1.0301	0.0226	0.9986	0.9987	-0.0001
2024-01-28T14:36:56	3	0	5	5	0	1.0363	1.0360	-0.0003	0.9968	0.9967	0.0001
2024-01-28T14:37:02	4	0	1	1	0	1.0404	1.0399	-0.0005	-0.9943	-0.9945	0.0002
2024-01-28T14:37:37	16	0	3	3	0	1.0204	1.0185	-0.0019	0.9943	0.9939	0.0004
2024-01-28T14:40:37	1	0	6	6	0	1.0247	1.0247	0.0000	0.9886	0.9886	0.0000
2024-01-28T14:41:12	1	0	5	5	0	1.0399	1.0399	0.0000	0.9902	0.9902	0.0000
2024-01-28T14:41:22	1	0	14	14	0	1.0455	1.0454	0.0000	0.9949	0.9949	0.0000
2024-01-28T14:43:00	1	0	11	11	0	1.0569	1.0569	0.0000	-0.9995	-0.9995	0.0000
2024-01-28T14:43:48	1	0	1	1	0	1.0366	1.0365	-0.0001	0.9994	0.9994	0.0000
2024-01-28T14:44:34	5	0	18	18	0	1.0518	1.0518	-0.0001	-0.9997	-0.9997	0.0000
2024-01-28T14:45:21	1	0	1	1	0	1.0285	1.0285	0.0000	-0.997	-0.997	0.0000
2024-01-28T14:45:40	1	0	3	3	0	1.0461	1.0459	-0.0002	-1	-1	0.0000
2024-01-28T14:47:13	4	0	50	37	13	0.9437	0.9449	0.0012	0.9999	0.9999	0.0000
2024-01-28T14:47:26	2	0	1	0	1	1.0083	null	null	0.9891	0.989	0.0001
2024-01-28T14:47:44	4	0	2	1	1	1.0333	1.0327	-0.0006	0.9999	0.9999	0.0000
2024-01-28T14:48:38	1	0	2	0	2	1.0454	null	null	-0.9821	-0.9824	0.0003
2024-01-28T14:48:38	6	0	8	8	0	0.9650	0.9652	0.0002	0.9828	0.9829	-0.0001
2024-01-28T14:49:04	1	0	95	94	1	1.0551	1.0551	0.0000	-0.9702	-0.97	-0.0002
2024-01-28T14:50:08	1	0	203	202	1	1.0652	1.0652	-0.0001	0.9794	0.9794	0.0000
2024-01-28T14:51:25	3	0	10	10	0	1.0359	1.0359	-0.0001	0.9998	0.9998	0.0000
2024-01-28T14:51:43	1	0	3	3	0	1.0510	1.0507	-0.0002	-0.9937	-0.9938	0.0001
2024-01-28T14:52:33	1	0	12	12	0	1.0487	1.0486	0.0000	-0.9948	-0.9948	0.0000
2024-01-28T14:54:54	1	0	3	0	3	1.0453	null	null	0.9567	0.9561	0.0006
2024-01-28T14:55:21	3	0	1	1	0	1.0566	1.0566	0.0000	-0.9965	-0.9965	0.0000
2024-01-28T14:57:23	4	0	1	1	0	0.9952	0.9966	0.0014	-0.9855	-0.9852	-0.0003
2024-01-28T14:57:42	1	0	3	3	0	1.0487	1.0486	-0.0001	-0.9747	-0.9747	0.0000
2024-01-28T14:58:26	2	0	28	28	0	0.9451	0.9451	0.0000	-0.9916	-0.9914	-0.0002
2024-01-28T14:59:35	1	0	17	17	0	1.0504	1.0504	0.0000	-0.9998	-0.9998	0.0000
2024-01-28T15:02:14	1	0	118	117	1	0.9369	0.9371	0.0002	-0.9997	-0.9997	0.0000
2024-01-28T15:02:27	3	0	9	9	0	0.9506	0.9509	0.0002	0.9889	0.9889	0.0000
2024-01-28T15:03:39	1	0	2	2	0	1.0467	1.0455	-0.0012	-0.9796	-0.9802	0.0006
2024-01-28T15:05:46	1	0	14	14	0	1.0388	1.0388	0.0000	0.9998	0.9998	0.0000
2024-01-28T15:10:29	6	0	12	9	3	0.9434	0.9434	-0.0001	-0.9975	-0.9975	0.0000
2024-01-28T15:14:36	1	0	19	19	0	1.0501	1.0501	0.0000	-0.9996	-0.9996	0.0000
2024-01-28T15:17:28	1	0	10	11	-1	0.9493	0.9589	0.0097	0.9885	0.9885	0.0000
2024-01-28T15:18:40	1	0	2	2	0	1.0464	1.0452	-0.0012	-0.9791	-0.9797	0.0006
2024-01-28T15:20:14	2	0	13	10	3	0.9415	0.9418	0.0003	-0.9968	-0.9965	-0.0003
2024-01-28T15:20:42	1	0	1	1	0	1.0383	1.0382	-0.0001	-1	-1	0.0000
2024-01-28T15:24:29	3	0	22	22	0	1.0462	1.0462	-0.0001	0.9705	0.9712	-0.0007
2024-01-28T15:27:15	1	0	2	2	0	1.0310	1.0307	-0.0002	-0.9788	-0.979	0.0002
2024-01-28T15:29:35	1	0	4	4	0	1.0203	1.0201	-0.0003	-0.9829	-0.983	0.0001
2024-01-28T15:29:37	1	0	22	22	0	1.0525	1.0523	-0.0002	-0.9993	-0.9994	0.0001
2024-01-28T15:32:29	1	0	5	4	1	1.0351	1.0293	-0.0058	0.9889	0.9889	0.0000
2024-01-28T15:32:56	1	0	3	3	0	1.0335	1.0334	-0.0001	0.9998	0.9998	0.0000
2024-01-28T15:33:41	1	0	2	0	2	1.0455	null	null	-0.9788	-0.9791	0.0003
2024-01-28T15:35:31	2	0	24	23	1	1.0458	1.0460	0.0001	0.9993	0.9992	0.0001
2024-01-28T15:35:32	1	0	18	14	4	0.9966	1.0115	0.0149	0.9324	0.9326	-0.0002

2024-01-28T15:35:41	1	0	2	2	0	1.0358	1.0356	-0.0003	-0.9999	-0.9999	0.0000
2024-01-28T15:36:01	1	0	2	2	0	1.0530	1.0529	-0.0001	-0.87	-0.872	0.0020
2024-01-28T15:37:36	1	0	13	13	0	1.0485	1.0485	0.0000	-0.9948	-0.9949	0.0001
2024-01-28T15:38:01	3	0	3	3	0	1.0185	1.0181	-0.0004	0.9938	0.9937	0.0001
2024-01-28T15:41:02	1	0	2	2	0	0.9771	0.9773	0.0002	0.991	0.991	0.0000
2024-01-28T15:43:52	2	0	2	2	0	1.0278	1.0258	-0.0020	0.999	0.9989	0.0001
2024-01-28T15:44:38	1	0	19	19	0	1.0510	1.0510	0.0000	1	1	0.0000
2024-01-28T15:48:25	3	0	3	3	0	0.9408	0.9417	0.0008	0.9959	0.9959	0.0000
2024-01-28T15:50:44	1	0	6	6	0	1.0464	1.0464	0.0000	-1	-1	0.0000
2024-01-28T15:53:10	1	0	2	2	0	1.0283	1.0283	0.0000	0.9939	0.9938	0.0001
2024-01-28T15:59:39	1	0	17	17	0	1.0502	1.0502	0.0000	-0.9998	-0.9998	0.0000
2024-01-28T16:00:58	7	0	8	10	-2	1.0279	1.0222	-0.0057	0.9898	0.9883	0.0015
2024-01-28T16:01:16	1	0	3	3	0	1.0139	1.0139	0.0000	0.9965	0.9972	-0.0007
2024-01-28T16:02:31	1	0	10	9	1	0.9424	0.9556	0.0132	0.9886	0.9887	-0.0001
2024-01-28T16:10:57	1	0	5	5	0	1.0273	1.0268	-0.0005	0.9759	0.976	-0.0001
2024-01-28T16:14:40	1	0	17	17	0	1.0500	1.0500	0.0000	1	-1	0.0000
2024-01-28T16:16:17	1	0	3	3	0	1.0100	1.0098	-0.0001	0.9959	0.9959	0.0000
2024-01-28T16:29:41	1	0	16	16	0	1.0491	1.0491	0.0000	1	1	0.0000
2024-01-28T16:37:10	2	0	22	14	8	0.9400	0.9416	0.0016	-0.9961	-0.9959	-0.0002
2024-01-28T16:38:01	2	0	2	2	0	0.9809	0.9812	0.0002	0.9888	0.9887	0.0001
2024-01-28T16:44:42	1	0	12	12	0	1.0479	1.0479	0.0000	0.9998	0.9998	0.0000
2024-01-28T16:46:01	6	0	73	72	1	0.9489	0.9538	0.0049	0.9914	0.992	-0.0006
2024-01-28T17:20:24	1	0	85	84	1	0.9333	0.9332	-0.0001	-0.9917	-0.9917	0.0000
2024-01-28T18:26:06	1	0	57	57	0	0.9417	0.9417	0.0000	-0.9983	-0.9981	-0.0002
2024-01-28T18:36:40	1	0	1	1	0	1.0280	1.0279	-0.0001	0.9996	0.9995	0.0001
2024-01-29T07:51:31	2	0	67	67	0	0.9835	0.9836	0.0000	0.9944	0.9945	-0.0001
2024-01-29T07:51:36	1	0	91	91	0	0.9265	0.9266	0.0001	0.9888	0.9886	0.0002
2024-01-29T07:54:22	2	0	97	94	3	0.9386	0.9386	0.0000	-0.9991	-0.9991	0.0000
2024-01-29T08:05:00	2	0	203	200	3	1.0576	1.0576	0.0000	0.982	0.9819	0.0001
2024-01-29T08:06:32	4	0	77	77	0	0.9973	0.9973	-0.0001	0.9936	0.9937	-0.0001
2024-01-29T08:06:37	1	0	116	116	0	0.9219	0.9219	0.0000	0.9853	0.9853	0.0000
2024-01-29T08:18:01	1	0	79	78	1	0.9486	0.9491	0.0004	0.9892	0.9891	0.0001
2024-01-29T08:19:43	1	0	236	236	0	0.8999	0.8999	0.0000	0.8815	0.8815	0.0000
2024-01-29T08:20:07	2	0	29	29	0	1.0535	1.0534	-0.0001	0.9999	0.9999	0.0000
2024-01-29T08:29:09	1	0	12	12	0	1.0502	1.0502	0.0000	0.9968	0.9968	0.0000
2024-01-29T08:42:26	1	0	28	27	1	0.9404	0.9405	0.0001	0.9853	0.986	-0.0007
2024-01-29T08:48:03	1	0	75	75	0	0.9840	0.9840	0.0000	0.9906	0.9905	0.0001
2024-01-29T09:03:43	1	0	3	3	0	1.0325	1.0325	0.0000	0.9992	0.9992	0.0000
2024-01-29T09:04:46	1	0	262	262	0	0.8855	0.8856	0.0001	0.8735	0.8735	0.0000
2024-01-29T09:05:10	2	0	24	23	1	1.0542	1.0542	0.0000	0.9999	0.9999	0.0000
2024-01-29T09:06:34	2	0	4	4	0	1.0367	1.0365	-0.0001	0.9908	0.9908	0.0000
2024-01-29T09:06:36	8	0	42	36	6	1.0106	1.0140	0.0034	0.9875	0.9876	-0.0001
2024-01-29T09:06:42	2	0	70	66	4	0.9333	0.9338	0.0005	0.9878	0.9875	0.0003
2024-01-29T09:09:27	2	0	62	59	3	0.9412	0.9417	0.0005	0.9984	0.9976	0.0008
2024-01-29T09:12:28	1	0	1	1	0	0.9401	0.9406	0.0005	0.984	0.9845	-0.0005
2024-01-29T09:14:12	1	0	12	12	0	1.0507	1.0507	0.0000	0.9967	0.9967	0.0000
2024-01-29T09:18:18	3	0	3	3	0	0.9505	0.9514	0.0009	0.9527	0.9529	-0.0002
2024-01-29T09:20:05	5	0	119	113	6	1.0564	1.0562	-0.0001	0.982	0.9819	0.0001
2024-01-29T09:20:26	1	0	4	4	0	0.9890	0.9889	-0.0001	0.9998	0.9998	0.0000
2024-01-29T09:24:07	2	0	3	3	0	1.0453	1.0450	-0.0003	0.9861	0.9858	0.0003
2024-01-29T09:26:30	3	0	35	33	2	1.0548	1.0547	-0.0001	0.9998	0.9998	0.0000
2024-01-29T09:29:13	4	0	23	21	2	1.0522	1.0519	-0.0003	0.9967	0.9968	-0.0001
2024-01-29T09:30:19	2	0	4	4	0	1.0456	1.0455	-0.0001	-0.9979	-0.998	0.0001
2024-01-29T09:30:27	2	0	1	1	0	0.9781	0.9788	0.0007	0.9975	0.9975	0.0000
2024-01-29T09:35:12	9	0	46	42	4	1.0541	1.0538	-0.0004	0.9998	0.9998	0.0000
2024-01-29T09:39:55	2	0	3	3	0	0.9514	0.9520	0.0006	0.9984	0.9985	-0.0001
2024-01-29T09:45:20	1	0	4	4	0	1.0445	1.0443	-0.0001	-0.9983	-0.9983	0.0000
2024-01-29T09:46:49	2	0	11	11	0	1.0379	1.0378	-0.0001	0.9962	0.9961	0.0001
2024-01-29T09:51:37	2	0	2	1	1	1.0247	1.0356	0.0108	0.9906	0.9905	0.0001
2024-01-29T09:56:38	1	0	11	10	1	1.0508	1.0503	-0.0005	0.9893	0.9892	0.0001
2024-01-29T09:58:08	2	0	1	1	0	0.9948	0.9942	-0.0006	-0.9928	-0.9928	0.0000
2024-01-29T09:59:23	5	0	16	15	1	1.0513	1.0509	-0.0004	0.9969	0.9969	0.0000
2024-01-29T10:00:21	2	0	4	1	3	0.9437	0.9448	0.0011	-0.9972	-0.9968	-0.0004
2024-01-29T10:00:33	7	0	4	4	0	1.0108	1.0107	-0.0001	0.9655	0.9811	-0.0156
2024-01-29T10:00:51	2	0	4	4	0	1.0223	1.0221	-0.0002	0.9987	0.9987	0.0000
2024-01-29T10:01:06	2	0	3	3	0	1.0138	1.0141	0.0002	-0.986	-0.9859	-0.0001
2024-01-29T10:02:07	1	0	1	1	0	1.0429	1.0427	-0.0002	0.9805	0.9804	0.0001
2024-01-29T10:02:14	1	0	2	2	0	0.9592	0.9596	0.0004	0.9804	0.9805	-0.0001
2024-01-29T10:02:40	3	0	36	35	1	0.9599	0.9575	-0.0024	0.941	0.941	0.0000
2024-01-29T10:03:21	1	0	2	2	0	0.9567	0.9568	0.0001	0.9567	0.9567	0.0000
2024-01-29T10:04:37	1	0	10	10	0	1.0491	1.0490	-0.0001	0.9674	0.9669	0.0005
2024-01-29T10:05:14	3	0	21	19	2	1.0521	1.0519	-0.0002	1	1	0.0000
2024-01-29T10:06:50	2	0	1	1	0	1.0115	1.0109	-0.0006	0.9908	0.9908	0.0000
2024-01-29T10:06:57	1	0	23	21	2	0.9922	0.9977	0.0055	0.9891	0.9892	-0.0001
2024-01-29T10:09:31	5	0	51	41	10	0.9419	0.9425	0.0005	0.9975	0.9977	-0.0002
2024-01-29T10:10:55	3	0	2	2	0	0.9932	0.9938	0.0006	0.9919	0.992	-0.0001
2024-01-29T10:11:33	3	0	34	31	3	1.0550	1.0548	-0.0002	1	1	0.0000
2024-01-29T10:15:34	7	0	7	9	-2	1.0333	1.0250	-0.0083	0.9926	0.9909	0.0017
2024-01-29T10:15:52	2	0	2	2	0	1.0264	1.0261	-0.0003	0.9988	0.9987	0.0001
2024-01-29T10:16:07	1	0	3	3	0	1.0143	1.0141	-0.0002	-0.9869	-0.9869	0.0000
2024-01-29T10:17:01	1	0	3	3	0	1.0376	1.0371	-0.0005	0.9995	0.9994	0.0001
2024-01-29T10:17:08	1	0	2	1	1	0.9855	1.0367	0.0512	0.9803	0.9803	0.0000
2024-01-29T10:19:48	2	0	3	3	0	1.0235	1.0233	-0.0002	0.9885	0.9883	0.0002
2024-01-29T10:21:47	3	0	27	27	0	0.9557	0.9554	-0.0003	0.9848	0.9871	-0.0023
2024-01-29T10:23:11	5	0	3	3	0	0.9398	0.9410	0.0012	0.9991	0.9992	-0.0001

2024-01-29T10:24:09	1	0	37	37	0	1.0499	1.0499	0.0000	0.9695	0.9695	0.0000
2024-01-29T10:30:23	1	0	2	2	0	1.0431	1.0428	-0.0003	-0.9981	-0.9982	0.0001
2024-01-29T10:30:35	6	0	39	11	28	0.9554	0.9847	0.0293	0.9889	0.9902	-0.0013
2024-01-29T10:32:16	1	0	1	1	0	1.0561	1.0552	-0.0009	0.9816	0.9815	0.0001
2024-01-29T10:33:35	1	0	1	1	0	1.0171	1.0168	-0.0003	0.9905	0.9904	0.0001
2024-01-29T10:33:49	4	0	5	5	0	1.0349	1.0340	-0.0008	0.9993	0.9993	0.0000
2024-01-29T10:34:39	1	0	11	11	0	1.0504	1.0504	0.0000	0.9651	0.9644	0.0007
2024-01-29T10:35:16	1	0	23	22	1	1.0533	1.0533	0.0000	1	1	0.0000
2024-01-29T10:36:17	3	0	3	3	0	1.0424	1.0418	-0.0006	0.9945	0.9944	0.0001
2024-01-29T10:37:09	1	0	31	27	4	0.9700	0.9739	0.0039	0.9895	0.9895	0.0000
2024-01-29T10:37:31	1	0	1	1	0	1.0390	1.0386	-0.0004	0.9993	0.9993	0.0000
2024-01-29T10:40:34	1	0	1	1	0	1.0290	1.0285	-0.0005	0.9602	0.9601	0.0001
2024-01-29T10:43:28	1	0	4	4	0	1.0392	1.0391	-0.0001	0.9937	0.9937	0.0000
2024-01-29T10:45:01	1	0	39	38	1	1.0502	1.0501	-0.0002	0.9916	0.9916	0.0000
2024-01-29T10:45:36	6	0	5	5	0	1.0090	1.0095	0.0005	0.9884	0.9889	-0.0005
2024-01-29T10:47:10	1	0	2	1	1	0.9421	0.9445	0.0024	0.9802	0.9802	0.0000
2024-01-29T10:47:12	7	0	38	35	3	1.0529	1.0526	-0.0002	0.9801	0.98	0.0001
2024-01-29T10:48:03	2	0	6	6	0	0.9868	0.9872	0.0004	0.993	0.9929	0.0001
2024-01-29T10:48:24	1	0	5	5	0	0.9526	0.9527	0.0001	0.9557	0.9554	0.0003
2024-01-29T10:48:47	1	0	2	2	0	1.0323	1.0321	-0.0001	-1	-1	0.0000
2024-01-29T10:49:40	1	0	11	11	0	1.0494	1.0493	-0.0001	0.9736	0.973	0.0006
2024-01-29T10:49:52	1	0	4	4	0	1.0381	1.0379	-0.0002	0.9972	0.9972	0.0000
2024-01-29T10:50:19	1	0	23	22	1	1.0474	1.0474	0.0000	0.9989	0.9989	0.0000
2024-01-29T10:50:32	4	0	9	9	0	1.0548	1.0540	-0.0008	-0.9949	-0.9958	0.0009
2024-01-29T10:51:49	1	0	77	77	0	0.9333	0.9333	0.0000	0.9841	0.9845	-0.0004
2024-01-29T10:55:15	1	0	11	10	1	1.0503	1.0495	-0.0008	0.9949	0.9948	0.0001
2024-01-29T10:55:36	3	0	98	95	3	0.9315	0.9325	0.0010	-0.9988	-0.9983	-0.0005
2024-01-29T10:55:58	1	0	5	5	0	1.0030	1.0031	0.0000	0.991	0.9909	0.0001
2024-01-29T10:57:35	1	0	1	1	0	0.9386	0.9390	0.0004	0.9932	0.9934	-0.0002
2024-01-29T10:57:52	1	0	3	3	0	0.9844	0.9847	0.0003	0.9631	0.9632	-0.0001
2024-01-29T10:58:21	1	0	14	14	0	1.0466	1.0465	-0.0001	0.9994	0.9994	0.0000
2024-01-29T10:59:34	1	0	12	12	0	1.0506	1.0506	0.0000	0.9977	0.9978	-0.0001
2024-01-29T11:00:25	1	0	7	7	0	0.9587	0.9593	0.0006	-0.9992	-0.9991	-0.0001
2024-01-29T11:01:16	1	0	1	1	0	1.0302	1.0296	-0.0006	0.975	0.9743	0.0007
2024-01-29T11:02:13	5	0	36	34	2	1.0521	1.0518	-0.0002	0.9818	0.9817	0.0001
2024-01-29T11:02:46	1	0	1	0	1	0.9819	null	null	0.9695	0.9697	-0.0002
2024-01-29T11:03:54	1	0	1	1	0	1.0348	1.0345	-0.0003	-1	-1	0.0000
2024-01-29T11:03:56	2	0	4	3	1	1.0372	1.0360	-0.0013	0.9995	0.9994	0.0001
2024-01-29T11:04:41	1	0	12	11	1	1.0498	1.0492	-0.0006	0.9689	0.9681	0.0008
2024-01-29T11:05:44	1	0	4	4	0	1.0560	1.0558	-0.0002	-0.9295	-0.9306	0.0011
2024-01-29T11:06:11	2	0	5	5	0	1.0465	1.0465	0.0000	0.9998	0.9998	0.0000
2024-01-29T11:07:18	1	0	20	19	1	1.0268	1.0264	-0.0004	0.9889	0.9889	0.0000
2024-01-29T11:08:48	2	0	5	4	1	1.0492	1.0461	-0.0030	-0.9943	-0.9945	0.0002
2024-01-29T11:09:35	1	0	51	41	10	0.9418	0.9423	0.0005	0.9979	0.9979	0.0000
2024-01-29T11:10:39	1	0	98	98	0	0.9274	0.9277	0.0003	-0.9975	-0.9974	-0.0001
2024-01-29T11:14:10	2	0	8	8	0	1.0476	1.0475	-0.0001	-0.9993	-0.9993	0.0000
2024-01-29T11:14:35	2	0	13	12	1	1.0509	1.0513	0.0005	0.9968	0.9968	0.0000
2024-01-29T11:15:15	1	0	6	5	1	1.0398	1.0358	-0.0041	-0.9979	-0.9979	0.0000
2024-01-29T11:15:38	2	0	1	1	0	1.0253	1.0248	-0.0005	0.9075	0.9328	-0.0253
2024-01-29T11:16:22	1	0	3	3	0	1.0171	1.0168	-0.0003	0.9897	0.9895	0.0002
2024-01-29T11:17:09	2	0	4	4	0	1.0458	1.0456	-0.0002	0.9993	0.9993	0.0000
2024-01-29T11:17:14	5	0	41	38	3	1.0525	1.0522	-0.0003	0.9794	0.9793	0.0001
2024-01-29T11:19:06	1	0	4	3	1	1.0368	1.0334	-0.0034	0.9991	0.999	0.0001
2024-01-29T11:19:42	1	0	8	8	0	1.0496	1.0495	-0.0002	0.9573	0.9565	0.0008
2024-01-29T11:19:54	1	0	5	5	0	1.0417	1.0417	0.0000	0.9973	0.9972	0.0001
2024-01-29T11:20:19	1	0	14	14	0	1.0499	1.0498	-0.0001	1	1	0.0000
2024-01-29T11:20:21	2	0	28	26	2	1.0461	1.0470	0.0010	0.9991	0.9991	0.0000
2024-01-29T11:22:34	1	0	2	2	0	1.0397	1.0395	-0.0002	0.9986	0.9986	0.0000
2024-01-29T11:23:01	3	0	252	244	8	1.0617	1.0614	-0.0003	0.9854	0.985	0.0004
2024-01-29T11:27:28	1	0	1	0	1	1.0551	null	null	-0.9868	-0.9868	0.0000
2024-01-29T11:29:17	1	0	7	7	0	1.0484	1.0484	0.0000	-0.9993	-0.9993	0.0000
2024-01-29T11:30:41	8	0	3	3	0	0.9973	0.9970	-0.0003	0.9499	0.949	0.0009
2024-01-29T11:31:23	1	0	1	1	0	1.0147	1.0146	-0.0001	0.9897	0.9896	0.0001
2024-01-29T11:31:52	1	0	39	38	1	1.0504	1.0502	-0.0001	-0.9799	-0.9798	-0.0001
2024-01-29T11:33:27	6	0	4	3	1	1.0006	0.9817	-0.0190	0.9463	0.9461	0.0002
2024-01-29T11:34:06	1	0	1	1	0	1.0396	1.0396	0.0000	-0.9999	-0.9999	0.0000
2024-01-29T11:34:38	4	0	2	1	1	1.0455	1.0451	-0.0004	0.9782	0.9777	0.0005
2024-01-29T11:34:52	2	0	1	1	0	1.0281	1.0281	0.0000	0.9884	0.9884	0.0000
2024-01-29T11:41:45	1	0	11	10	1	1.0495	1.0487	-0.0008	0.9882	0.9881	0.0001
2024-01-29T11:42:55	1	0	2	2	0	1.0751	1.0751	0.0000	0.9707	0.9706	0.0001
2024-01-29T11:44:18	2	0	10	10	0	1.0467	1.0467	0.0000	-0.9997	-0.9997	0.0000
2024-01-29T11:46:00	5	0	10	10	0	1.0314	1.0314	0.0000	0.9974	0.9974	0.0000
2024-01-29T11:48:28	6	0	4	4	0	0.9858	0.9841	-0.0017	0.953	0.9529	0.0001
2024-01-29T11:49:07	1	0	1	1	0	1.0384	1.0384	0.0000	-0.9999	-0.9999	0.0000
2024-01-29T11:49:39	4	0	1	2	-1	1.0455	1.0453	-0.0002	0.9797	0.9798	-0.0001
2024-01-29T11:57:56	2	0	2	2	0	1.0764	1.0764	0.0000	0.9702	0.9701	0.0001
2024-01-29T12:00:45	8	0	3	3	0	1.0172	1.0173	0.0002	0.9648	0.9636	0.0012
2024-01-29T12:02:15	1	0	1	0	1	1.0634	null	null	0.9843	0.9843	0.0000
2024-01-29T12:04:08	1	0	1	1	0	1.0358	1.0358	0.0000	-1	-1	0.0000
2024-01-29T12:04:54	2	0	1	1	0	1.0277	1.0276	-0.0001	0.9881	0.9882	-0.0001
2024-01-29T12:12:31	1	0	80	80	0	1.1391	1.1382	-0.0008	-0.9831	-0.9832	0.0001
2024-01-29T12:13:01	2	0	3	3	0	1.0628	1.0628	0.0000	0.9816	0.9815	0.0001
2024-01-29T12:14:42	1	0	7	6	1	1.0543	1.0529	-0.0014	0.9881	0.988	0.0001
2024-01-29T12:16:26	3	0	2	2	0	1.0206	1.0202	-0.0005	0.9895	0.9895	0.0000
2024-01-29T12:30:26	2	0	6	5	1	1.0421	1.0385	-0.0036	-0.9964	-0.9964	0.0000

2024-01-29T12:30:47	8	0	43	22	21	1.0540	1.0494	-0.0047	0.9631	0.9622	0.0009
2024-01-29T12:32:54	1	0	1	1	0	1.0563	1.0562	-0.0001	0.9367	0.9367	0.0000
2024-01-29T12:33:31	6	0	1	0	1	1.0645	null	null	0.9687	0.9686	0.0001
2024-01-29T12:39:54	2	0	62	62	0	1.0488	1.0488	-0.0001	0.9959	0.9958	0.0001
2024-01-29T12:45:09	2	0	49	47	2	1.0492	1.0491	-0.0001	0.9916	0.9916	0.0000
2024-01-29T12:46:28	3	0	1	1	0	1.0159	1.0157	-0.0002	0.9887	0.9888	-0.0001
2024-01-29T13:02:19	1	0	3	3	0	1.0365	1.0363	-0.0003	0.977	0.9769	0.0001
2024-01-29T13:08:09	1	0	112	111	1	1.0555	1.0555	0.0000	-0.989	-0.9889	-0.0001
2024-01-29T13:11:51	1	0	2	3	-1	1.0528	1.0539	0.0011	0.9364	0.9366	-0.0002
2024-01-29T13:14:24	1	0	8	8	0	1.0492	1.0492	0.0000	-0.9988	-0.9988	0.0000
2024-01-29T13:26:43	1	0	1	1	0	1.0554	1.0551	-0.0003	-0.9994	-0.9994	0.0000
2024-01-29T13:43:45	1	0	1	1	0	1.0365	1.0358	-0.0007	-0.9984	-0.9984	0.0000
2024-01-29T13:45:53	6	0	2	2	0	1.0298	1.0298	0.0000	0.9012	0.9034	-0.0022
2024-01-29T13:46:32	1	0	2	2	0	1.0175	1.0174	-0.0001	0.9884	0.9883	0.0001
2024-01-29T13:47:01	1	0	49	49	0	1.0510	1.0510	-0.0001	-0.9839	-0.9838	-0.0001
2024-01-29T13:48:08	1	0	5	4	1	1.0524	1.0507	-0.0016	0.9791	0.9791	0.0000
2024-01-29T13:50:01	1	0	4	4	0	1.0271	1.0269	-0.0002	0.9882	0.9881	0.0001
2024-01-29T13:50:35	5	0	14	12	2	1.0516	1.0512	-0.0003	0.9936	0.9935	0.0001
2024-01-29T13:57:38	1	0	81	81	0	1.0892	1.0890	-0.0002	-0.9931	-0.9894	-0.0037
2024-01-29T14:03:05	4	0	24	25	-1	1.0245	1.0210	-0.0035	0.9537	0.9536	0.0001
2024-01-29T14:03:57	1	0	3	3	0	1.0400	1.0399	-0.0001	-0.9851	-0.9852	0.0001
2024-01-29T14:05:07	6	0	218	215	3	0.9015	0.9053	0.0039	0.8783	0.8785	-0.0002
2024-01-29T14:05:59	1	0	1	1	0	1.0758	1.0758	0.0000	-0.9688	-0.9682	-0.0006
2024-01-29T14:09:21	1	0	1	1	0	0.9868	0.9871	0.0003	0.9824	0.9825	-0.0001
2024-01-29T14:10:51	10	0	70	68	2	1.0543	1.0543	0.0000	0.9778	0.9778	0.0000
2024-01-29T14:11:46	1	0	1	1	0	1.0591	1.0589	-0.0002	-0.9994	-0.9994	0.0000
2024-01-29T14:12:39	1	0	80	80	0	1.1108	1.1104	-0.0004	-0.9836	-0.9836	0.0000
2024-01-29T14:13:42	2	0	12	12	0	1.0454	1.0453	-0.0001	0.9965	0.9965	0.0000
2024-01-29T14:13:45	2	0	4	4	0	0.9954	0.9952	-0.0001	0.9919	0.9918	0.0001
2024-01-29T14:14:33	1	0	16	15	1	1.0481	1.0483	0.0002	-0.9984	-0.9985	0.0001
2024-01-29T14:15:32	2	0	2	2	0	0.9830	0.9832	0.0002	0.9976	0.9976	0.0000
2024-01-29T14:16:10	5	0	3	3	0	1.0109	1.0109	0.0000	0.9834	0.9834	0.0000
2024-01-29T14:16:42	6	0	3	3	0	1.0312	1.0308	-0.0004	0.9805	0.9779	0.0026
2024-01-29T14:17:03	1	0	61	60	1	1.0522	1.0521	-0.0001	-0.9803	-0.9802	-0.0001
2024-01-29T14:17:21	9	0	40	37	3	1.0526	1.0519	-0.0008	0.9989	0.9989	0.0000
2024-01-29T14:18:06	2	0	40	40	0	0.9677	0.9678	0.0001	0.9504	0.9504	0.0000
2024-01-29T14:18:38	2	0	1	1	0	1.0590	1.0581	-0.0009	0.9492	0.9489	0.0003
2024-01-29T14:18:58	1	0	3	3	0	1.0406	1.0405	0.0000	-0.986	-0.9861	0.0001
2024-01-29T14:19:51	4	0	6	6	0	1.0472	1.0471	-0.0001	0.9812	0.9811	0.0001
2024-01-29T14:20:03	2	0	3	3	0	1.0312	1.0310	-0.0002	0.9901	0.99	0.0001
2024-01-29T14:20:33	2	0	27	27	0	1.0483	1.0483	0.0000	0.9995	0.9995	0.0000
2024-01-29T14:20:46	2	0	3	3	0	1.0012	1.0012	0.0000	-1	-1	0.0000
2024-01-29T14:24:25	4	0	38	38	0	1.0499	1.0497	-0.0001	0.9741	0.974	0.0001
2024-01-29T14:25:35	1	0	11	10	1	1.0515	1.0509	-0.0006	0.9954	0.9954	0.0000
2024-01-29T14:25:52	8	0	118	113	5	1.0551	1.0550	-0.0001	0.9817	0.9816	0.0001
2024-01-29T14:25:57	4	0	79	77	2	0.9389	0.9392	0.0003	-0.9952	-0.9951	-0.0001
2024-01-29T14:26:47	1	0	5	5	0	1.0493	1.0492	0.0000	-0.9998	-0.9998	0.0000
2024-01-29T14:27:08	1	0	29	28	1	1.0527	1.0525	-0.0002	0.9777	0.9773	0.0004
2024-01-29T14:27:40	1	0	4	4	0	1.0611	1.0609	-0.0002	-0.9877	-0.9878	0.0001
2024-01-29T14:28:24	1	0	3	3	0	1.0480	1.0478	-0.0002	0.9716	0.9715	0.0001
2024-01-29T14:28:43	2	0	13	13	0	1.0456	1.0456	0.0000	0.9941	0.9941	0.0000
2024-01-29T14:28:46	2	0	3	3	0	1.0057	1.0057	0.0000	0.9921	0.992	0.0001
2024-01-29T14:29:40	2	0	28	27	1	1.0496	1.0493	-0.0002	-0.9984	-0.9984	0.0000
2024-01-29T14:30:33	1	0	1	1	0	1.0376	1.0373	-0.0003	-0.9994	-0.9995	0.0001
2024-01-29T14:30:39	4	0	6	6	0	1.0536	1.0530	-0.0006	-0.9978	-0.9983	0.0005
2024-01-29T14:30:39	1	0	10	9	1	1.0462	1.0461	-0.0001	0.9862	0.9861	0.0001
2024-01-29T14:31:11	2	0	1	0	1	1.0257	null	null	0.9739	0.9737	0.0002
2024-01-29T14:31:18	2	0	2	2	0	1.0206	1.0205	-0.0001	0.9866	0.9866	0.0000
2024-01-29T14:32:09	2	0	22	22	0	1.0415	1.0414	-0.0001	0.9976	0.9976	0.0000
2024-01-29T14:32:13	2	0	4	4	0	1.0484	1.0481	-0.0003	-0.9988	-0.9988	0.0000
2024-01-29T14:32:30	8	0	30	29	1	1.0499	1.0497	-0.0002	0.9992	0.9992	0.0000
2024-01-29T14:33:07	1	0	42	41	1	1.0056	1.0044	-0.0012	0.9518	0.9518	0.0000
2024-01-29T14:33:39	2	0	1	1	0	1.0567	1.0563	-0.0004	0.952	0.9519	0.0001
2024-01-29T14:33:39	2	0	3	3	0	1.0470	1.0454	-0.0016	-0.993	-0.9935	0.0005
2024-01-29T14:33:53	1	0	2	2	0	1.0290	1.0288	-0.0003	0.9899	0.9899	0.0000
2024-01-29T14:33:59	2	0	4	4	0	1.0416	1.0414	-0.0001	-0.9857	-0.9858	0.0001
2024-01-29T14:34:24	2	0	15	14	1	1.0464	1.0455	-0.0009	0.9996	0.9996	0.0000
2024-01-29T14:34:52	4	0	6	6	0	1.0473	1.0472	-0.0001	0.9817	0.9816	0.0001
2024-01-29T14:34:56	1	0	18	18	0	1.0529	1.0528	-0.0001	0.9911	0.9905	0.0006
2024-01-29T14:35:04	1	0	2	2	0	1.0335	1.0334	-0.0001	0.9897	0.9896	0.0001
2024-01-29T14:35:09	6	0	6	6	0	0.9710	0.9710	0.0000	0.8936	0.8936	0.0000
2024-01-29T14:35:34	1	0	30	30	0	1.0504	1.0504	0.0000	0.9997	0.9997	0.0000
2024-01-29T14:35:47	1	0	3	3	0	0.9984	0.9984	0.0000	1	1	0.0000
2024-01-29T14:35:54	4	0	1	1	0	1.0466	1.0450	-0.0016	-0.9995	-0.9997	0.0002
2024-01-29T14:35:56	1	0	22	22	0	1.0400	1.0400	0.0000	0.9997	0.9997	0.0000
2024-01-29T14:36:01	3	0	2	2	0	1.0662	1.0653	-0.0010	-0.959	-0.9634	0.0044
2024-01-29T14:36:18	2	0	3	3	0	1.0331	1.0329	-0.0002	0.9965	0.9966	-0.0001
2024-01-29T14:39:23	1	0	1	1	0	0.9869	0.9871	0.0002	0.9827	0.9828	-0.0001
2024-01-29T14:40:22	1	0	51	51	0	1.0536	1.0536	0.0000	0.9976	0.9976	0.0000
2024-01-29T14:40:43	1	0	11	10	1	1.0516	1.0509	-0.0007	0.9957	0.9957	0.0000
2024-01-29T14:40:53	5	0	44	44	0	1.0525	1.0525	0.0000	0.9798	0.9798	0.0000
2024-01-29T14:41:01	3	0	93	93	0	0.9341	0.9342	0.0001	-0.9959	-0.9958	-0.0001
2024-01-29T14:41:20	2	0	5	5	0	1.0368	1.0368	-0.0001	0.9937	0.9935	0.0002
2024-01-29T14:41:48	1	0	1	1	0	1.0564	1.0563	-0.0001	-0.9999	-0.9999	0.0000
2024-01-29T14:43:25	1	0	4	4	0	1.0531	1.0531	0.0000	0.9827	0.9826	0.0001

2024-01-29T14:43:44	1	0	10	10	0	1.0492	1.0492	0.0000	0.9963	0.9963	0.0000
2024-01-29T14:43:53	2	0	4	4	0	0.9957	0.9957	0.0000	0.992	0.9919	0.0001
2024-01-29T14:44:49	2	0	36	36	0	1.0543	1.0542	-0.0001	0.9974	0.9971	0.0003
2024-01-29T14:44:50	2	0	20	20	0	1.0475	1.0475	0.0000	-0.9981	-0.9981	0.0000
2024-01-29T14:45:40	1	0	4	4	0	1.0463	1.0463	0.0000	0.9868	0.9868	0.0000
2024-01-29T14:45:40	1	0	6	6	0	1.0523	1.0522	0.0000	-0.9983	-0.9983	0.0000
2024-01-29T14:46:12	2	0	1	1	0	1.0275	1.0269	-0.0006	0.9739	0.9734	0.0005
2024-01-29T14:46:46	6	0	3	3	0	1.0310	1.0308	-0.0002	0.9837	0.9827	0.0010
2024-01-29T14:47:48	3	0	53	50	3	1.0550	1.0551	0.0001	-0.9996	-0.9993	-0.0003
2024-01-29T14:48:27	1	0	5	6	-1	1.0491	1.0317	-0.0174	0.991	0.9907	0.0003
2024-01-29T14:48:40	1	0	14	13	1	1.0476	1.0466	-0.0010	-0.9868	-0.9873	0.0005
2024-01-29T14:48:48	2	0	7	7	0	1.0533	1.0532	-0.0001	0.9954	0.9953	0.0001
2024-01-29T14:49:57	1	0	17	17	0	1.0523	1.0523	-0.0001	0.9924	0.9919	0.0005
2024-01-29T14:50:10	2	0	222	221	1	0.8956	0.8957	0.0002	0.8705	0.8703	0.0002
2024-01-29T14:50:35	5	0	58	55	3	1.0527	1.0542	0.0014	0.9999	0.9999	0.0000
2024-01-29T14:51:45	3	0	17	13	4	1.0480	1.0479	-0.0001	-0.9989	-0.999	0.0001
2024-01-29T14:52:16	1	0	3	3	0	1.0157	1.0156	0.0000	0.9835	0.9821	0.0014
2024-01-29T14:54:27	3	0	41	41	0	1.0490	1.0490	0.0000	0.976	0.976	0.0000
2024-01-29T14:54:30	1	0	9	9	0	1.0536	1.0535	-0.0001	0.9919	0.9915	0.0004
2024-01-29T14:54:52	3	0	42	38	4	0.9479	0.9454	-0.0025	0.9937	0.9934	0.0003
2024-01-29T14:57:10	1	0	27	27	0	1.0517	1.0516	0.0000	0.971	0.971	0.0000
2024-01-29T14:58:15	1	0	8	8	0	1.0451	1.0450	-0.0001	0.9913	0.9912	0.0001
2024-01-29T14:58:45	1	0	10	10	0	1.0461	1.0461	0.0000	0.9962	0.9962	0.0000
2024-01-29T14:59:50	1	0	44	42	2	1.0555	1.0554	-0.0001	0.9977	0.9974	0.0003
2024-01-29T15:00:21	11	0	6	6	0	0.9839	0.9821	-0.0017	0.9904	0.9898	0.0006
2024-01-29T15:01:13	2	0	1	1	0	1.0240	1.0234	-0.0006	0.9734	0.9729	0.0005
2024-01-29T15:01:20	2	0	3	3	0	1.0178	1.0178	-0.0001	0.9858	0.9857	0.0001
2024-01-29T15:02:44	1	0	39	39	0	1.0504	1.0503	-0.0001	0.9991	0.9991	0.0000
2024-01-29T15:03:28	1	0	61	57	4	0.9913	0.9916	0.0002	0.992	0.9918	0.0002
2024-01-29T15:03:41	1	0	13	13	0	1.0471	1.0467	-0.0004	-0.9885	-0.9889	0.0004
2024-01-29T15:04:01	4	0	34	34	0	1.0535	1.0577	0.0041	0.9927	0.9927	0.0000
2024-01-29T15:04:20	1	0	2	2	0	1.0337	1.0335	-0.0002	-0.9996	-0.9996	0.0000
2024-01-29T15:04:26	3	0	25	23	2	1.0476	1.0471	-0.0004	0.9997	0.9997	0.0000
2024-01-29T15:04:55	1	0	4	2	2	0.9445	0.9446	0.0001	0.9952	0.9952	0.0000
2024-01-29T15:04:58	1	0	19	19	0	1.0531	1.0530	-0.0001	0.985	0.9844	0.0006
2024-01-29T15:05:06	2	0	3	3	0	1.0322	1.0321	-0.0001	0.9893	0.9893	0.0000
2024-01-29T15:05:56	4	0	6	6	0	1.0504	1.0487	-0.0017	0.9999	0.9998	0.0001
2024-01-29T15:08:16	3	0	132	131	1	1.0588	1.0585	-0.0003	0.9869	0.9864	0.0005
2024-01-29T15:08:16	5	0	9	8	1	1.0335	1.0332	-0.0002	0.9996	0.9996	0.0000
2024-01-29T15:15:36	2	0	1	1	0	0.9425	0.9427	0.0002	0.9957	0.9957	0.0000
2024-01-29T15:16:59	1	0	1	0	1	1.0390	null	null	0.9965	0.9965	0.0000
2024-01-29T15:17:49	2	0	37	38	-1	1.0489	1.0480	-0.0009	0.9993	0.9992	0.0001
2024-01-29T15:18:42	1	0	17	16	1	1.0482	1.0478	-0.0004	-0.9871	-0.9875	0.0004
2024-01-29T15:18:42	3	0	3	3	0	0.9600	0.9617	0.0016	0.9547	0.955	-0.0003
2024-01-29T15:19:59	1	0	20	20	0	1.0523	1.0523	-0.0001	0.9893	0.9888	0.0005
2024-01-29T15:20:44	4	0	13	13	0	1.0447	1.0446	-0.0001	0.9965	0.9964	0.0001
2024-01-29T15:25:18	2	0	1	1	0	1.0302	1.0284	-0.0018	0.9959	0.9957	0.0002
2024-01-29T15:25:47	2	0	1	1	0	1.0066	1.0049	-0.0017	-0.9998	-0.9998	0.0000
2024-01-29T15:29:52	1	0	21	21	0	1.0518	1.0518	0.0000	0.9966	0.9966	0.0000
2024-01-29T15:29:53	1	0	36	36	0	1.0487	1.0487	0.0000	-0.9969	-0.9969	0.0000
2024-01-29T15:32:08	1	0	42	41	1	1.0505	1.0504	-0.0001	-0.9809	-0.9809	0.0000
2024-01-29T15:37:19	19	0	4	4	0	1.0298	1.0280	-0.0018	0.992	0.9914	0.0006
2024-01-29T15:40:56	1	0	2	2	0	1.0357	1.0352	-0.0005	0.9696	0.9726	-0.0030
2024-01-29T15:43:53	1	0	1	1	0	1.0273	1.0266	-0.0007	-0.9935	-0.9936	0.0001
2024-01-29T15:50:37	2	0	38	38	0	1.0539	1.0539	0.0000	-1	-1	0.0000
2024-01-29T15:52:25	2	0	3	3	0	1.0245	1.0242	-0.0003	0.9914	0.9913	0.0001
2024-01-29T15:57:55	2	0	1	1	0	1.0074	1.0060	-0.0014	-0.9999	-0.9999	0.0000
2024-01-29T15:59:54	1	0	14	14	0	1.0503	1.0503	0.0000	0.9967	0.9967	0.0000
2024-01-29T16:03:45	1	0	4	4	0	1.0486	1.0478	-0.0008	-0.9887	-0.989	0.0003
2024-01-29T16:05:27	1	0	1	0	1	1.0389	null	null	0.9999	0.9999	0.0000
2024-01-29T16:10:46	2	0	2	2	0	1.0197	1.0192	-0.0006	0.9698	0.9697	0.0001
2024-01-29T16:14:55	1	0	22	22	0	1.0527	1.0527	0.0000	0.9966	0.9967	-0.0001
2024-01-29T16:16:05	8	0	2	2	0	1.0249	1.0242	-0.0007	0.9678	0.9668	0.0010
2024-01-29T16:17:11	1	0	48	46	2	1.0513	1.0511	-0.0002	-0.9848	-0.9849	0.0001
2024-01-29T16:18:46	1	0	4	4	0	1.0475	1.0469	-0.0006	-0.9889	-0.9891	0.0002
2024-01-29T16:29:56	1	0	13	13	0	1.0493	1.0493	-0.0001	0.9962	0.995	0.0012
2024-01-29T16:33:34	1	0	88	87	1	0.9628	0.9631	0.0004	0.9906	0.9908	-0.0002
2024-01-29T16:33:47	1	0	7	7	0	1.0467	1.0463	-0.0003	-0.991	-0.9912	0.0002
2024-01-29T16:35:29	1	0	7	7	0	1.0410	1.0410	0.0000	0.9999	0.9999	0.0000
2024-01-29T16:46:07	8	0	69	69	0	0.9320	0.9363	0.0043	0.9628	0.9471	0.0157
2024-01-29T16:47:24	1	0	2	2	0	0.9440	0.9443	0.0003	0.9986	0.9986	0.0000
2024-01-29T16:48:50	1	0	4	4	0	1.0472	1.0468	-0.0004	-0.9915	-0.9916	0.0001
2024-01-29T16:52:40	4	0	13	11	2	0.9611	0.9639	0.0028	0.9865	0.9864	0.0001
2024-01-29T17:03:50	1	0	40	39	1	0.9484	0.9486	0.0001	0.971	0.9711	-0.0001
2024-01-29T17:05:39	2	0	21	17	4	0.9424	0.9424	0.0000	0.9982	0.9983	-0.0001
2024-01-29T17:10:06	1	0	138	132	6	1.0608	1.0607	-0.0001	0.9842	0.9838	0.0004
2024-01-29T17:15:44	1	0	26	25	1	0.9411	0.9409	-0.0001	-0.9995	-0.9995	0.0000
2024-01-29T18:29:04	1	0	1	1	0	0.9415	0.9415	0.0000	-0.9982	-0.9983	0.0001
2024-01-30T07:51:30	3	0	135	134	1	0.9712	0.9712	0.0000	0.9938	0.9938	0.0000
2024-01-30T07:51:35	1	0	107	107	0	0.9144	0.9145	0.0001	0.9838	0.9838	0.0000
2024-01-30T07:54:21	2	0	88	87	1	0.9391	0.9392	0.0001	-0.9991	-0.9991	0.0000
2024-01-30T08:05:02	2	0	15	15	0	0.9475	0.9477	0.0001	-0.9946	-0.9942	-0.0004
2024-01-30T08:06:31	3	0	72	69	3	0.9634	0.9634	0.0001	0.9852	0.9849	0.0003
2024-01-30T08:06:36	1	0	103	103	0	0.9117	0.9118	0.0001	0.9851	0.9851	0.0000
2024-01-30T08:10:20	1	0	39	39	0	0.9420	0.9421	0.0001	-0.9852	-0.9846	-0.0006

2024-01-30T08:21:38	2	0	103	103	0	1.0355	1.0354	-0.0001	0.9851	0.9848	0.0003
2024-01-30T08:28:50	1	0	93	93	0	0.9437	0.9439	0.0002	0.9912	0.9913	-0.0001
2024-01-30T08:29:09	1	0	18	18	0	1.0514	1.0514	0.0000	0.9963	0.9963	0.0000
2024-01-30T08:35:04	2	0	70	69	1	0.9416	0.9417	0.0001	0.9934	0.9934	0.0000
2024-01-30T08:35:08	2	0	39	39	0	1.0556	1.0556	0.0000	0.9998	0.9998	0.0000
2024-01-30T08:36:39	1	0	35	34	1	1.0226	1.0275	0.0049	0.9857	0.9854	0.0003
2024-01-30T08:59:11	5	0	54	44	10	1.0545	1.0544	-0.0001	0.9974	0.9974	0.0000
2024-01-30T09:02:04	1	0	28	28	0	1.0509	1.0509	0.0000	0.9809	0.9808	0.0001
2024-01-30T09:05:10	2	0	47	47	0	1.0577	1.0577	0.0000	0.9999	0.9999	0.0000
2024-01-30T09:06:40	2	0	102	102	0	0.9209	0.9214	0.0005	0.985	0.985	0.0000
2024-01-30T09:06:42	8	0	57	53	4	0.9953	0.9969	0.0017	0.9851	0.9849	0.0002
2024-01-30T09:09:26	2	0	85	81	4	0.9387	0.9391	0.0004	0.9987	0.9987	0.0000
2024-01-30T09:12:20	1	0	3	3	0	1.0336	1.0335	-0.0001	0.9998	0.9998	0.0000
2024-01-30T09:13:53	1	0	43	26	17	0.9800	0.9806	0.0006	0.9914	0.9915	-0.0001
2024-01-30T09:14:57	3	0	3	3	0	1.0081	1.0073	-0.0008	0.992	0.9919	0.0001
2024-01-30T09:20:00	2	0	2	2	0	1.0291	1.0288	-0.0003	-1	-1	0.0000
2024-01-30T09:20:05	1	0	11	11	0	1.0440	1.0439	-0.0001	0.9475	0.9469	0.0006
2024-01-30T09:20:11	6	0	56	55	1	1.0557	1.0556	-0.0001	1	0.9999	0.0001
2024-01-30T09:20:27	1	0	3	3	0	0.9959	0.9957	-0.0002	0.9997	0.9997	0.0000
2024-01-30T09:21:50	1	0	32	32	0	1.0115	1.0118	0.0003	0.9862	0.986	0.0002
2024-01-30T09:24:08	1	0	1	1	0	1.0364	1.0358	-0.0006	0.9868	0.9866	0.0002
2024-01-30T09:27:45	1	0	1	0	1	0.9447	null	null	-0.9999	-0.9999	0.0000
2024-01-30T09:28:46	1	0	3	3	0	1.0422	1.0421	-0.0001	-0.9994	-0.9994	0.0000
2024-01-30T09:28:54	1	0	11	11	0	0.9813	0.9813	0.0001	0.9915	0.9916	-0.0001
2024-01-30T09:29:31	2	0	3	3	0	0.9978	0.9981	0.0003	0.9885	0.9883	0.0002
2024-01-30T09:30:46	2	0	3	3	0	1.0165	1.0163	-0.0002	0.9963	0.9962	0.0001
2024-01-30T09:32:37	2	0	61	59	2	0.9865	0.9839	-0.0026	0.9431	0.943	0.0001
2024-01-30T09:33:16	1	0	1	1	0	1.0112	1.0105	-0.0007	0.9548	0.9546	0.0002
2024-01-30T09:35:01	1	0	2	2	0	1.0296	1.0294	-0.0002	-1	-1	0.0000
2024-01-30T09:35:12	3	0	59	54	5	1.0562	1.0560	-0.0002	0.9999	0.9998	0.0001
2024-01-30T09:36:32	3	0	2	2	0	1.0162	1.0156	-0.0007	0.9909	0.9908	0.0001
2024-01-30T09:43:47	2	0	3	3	0	1.0417	1.0415	-0.0002	-0.9991	-0.9991	0.0000
2024-01-30T09:44:32	1	0	4	4	0	0.9999	1.0000	0.0001	0.9891	0.9889	0.0002
2024-01-30T09:44:59	3	0	4	4	0	0.9562	0.9559	-0.0003	0.9904	0.9903	0.0001
2024-01-30T09:45:27	2	0	1	1	0	0.9806	0.9815	0.0009	0.9988	0.9989	-0.0001
2024-01-30T09:45:30	9	0	26	12	14	0.9606	0.9809	0.0203	0.9907	0.9911	-0.0004
2024-01-30T09:45:34	1	0	11	11	0	1.0470	1.0470	-0.0001	0.9904	0.9903	0.0001
2024-01-30T09:45:51	2	0	1	1	0	1.0248	1.0242	-0.0006	0.9738	0.9734	0.0004
2024-01-30T09:46:48	2	0	18	18	0	1.0391	1.0390	-0.0001	0.9973	0.9972	0.0001
2024-01-30T09:48:20	1	0	1	0	1	1.0455	null	null	-0.9926	-0.9927	0.0001
2024-01-30T09:48:27	2	0	11	9	2	0.9513	0.9535	0.0021	-0.9945	-0.9944	-0.0001
2024-01-30T09:48:49	2	0	10	9	1	1.0445	1.0441	-0.0004	0.9991	0.9991	0.0000
2024-01-30T09:49:43	2	0	2	2	0	1.0295	1.0292	-0.0004	0.9754	0.9753	0.0001
2024-01-30T09:50:07	1	0	13	13	0	1.0469	1.0468	-0.0001	0.9436	0.9434	0.0002
2024-01-30T09:50:09	2	0	2	2	0	0.9813	0.9819	0.0007	-0.9877	-0.9872	-0.0005
2024-01-30T09:50:13	3	0	64	62	2	1.0570	1.0568	-0.0002	0.9998	0.9998	0.0000
2024-01-30T09:51:33	2	0	1	1	0	1.0181	1.0175	-0.0006	0.9912	0.9912	0.0000
2024-01-30T09:52:55	1	0	157	156	1	1.0579	1.0579	0.0000	-0.9826	-0.9825	-0.0001
2024-01-30T09:55:27	1	0	93	91	2	0.9343	0.9349	0.0006	-0.9973	-0.9968	-0.0005
2024-01-30T09:56:31	3	0	54	51	3	1.0559	1.0556	-0.0003	0.9999	0.9999	0.0000
2024-01-30T09:57:21	1	0	1	0	1	1.0451	null	null	-0.976	-0.9811	0.0051
2024-01-30T09:58:13	1	0	3	3	0	0.9936	0.9936	0.0001	0.988	0.9879	0.0001
2024-01-30T09:58:48	1	0	2	2	0	1.0497	1.0495	-0.0002	-0.9993	-0.9994	0.0001
2024-01-30T10:00:03	1	0	3	3	0	1.0375	1.0374	-0.0001	-0.9976	-0.9976	0.0000
2024-01-30T10:01:10	1	0	1	1	0	0.9849	0.9854	0.0005	-0.9928	-0.9927	-0.0001
2024-01-30T10:01:59	5	0	9	9	0	1.0417	1.0412	-0.0005	0.9978	0.9977	0.0001
2024-01-30T10:02:05	1	0	1	1	0	1.0420	1.0418	-0.0002	0.9843	0.9842	0.0001
2024-01-30T10:02:39	2	0	55	50	5	0.9495	0.9498	0.0003	0.9436	0.9436	0.0000
2024-01-30T10:03:21	1	0	1	0	1	1.0453	null	null	-0.9949	-0.9949	0.0000
2024-01-30T10:05:14	4	0	79	72	7	1.0581	1.0578	-0.0003	0.9999	0.9999	0.0000
2024-01-30T10:05:38	1	0	3	3	0	1.0524	1.0522	-0.0002	-0.8787	-0.8798	0.0011
2024-01-30T10:08:08	5	0	21	16	5	0.9412	0.9422	0.0009	0.9991	0.9992	-0.0001
2024-01-30T10:09:06	1	0	1	1	0	0.9872	0.9875	0.0003	0.982	0.982	0.0000
2024-01-30T10:09:08	2	0	28	28	0	1.0284	1.0283	-0.0001	0.9731	0.9736	-0.0005
2024-01-30T10:13:09	2	0	2	2	0	1.0006	1.0002	-0.0004	-0.9952	-0.9943	-0.0009
2024-01-30T10:13:30	3	0	2	2	0	1.0387	1.0374	-0.0013	0.9995	0.9994	0.0001
2024-01-30T10:15:32	7	0	6	9	-3	1.0154	0.9918	-0.0235	0.9918	0.9899	0.0019
2024-01-30T10:15:50	2	0	2	2	0	1.0056	1.0054	-0.0001	0.996	0.996	0.0000
2024-01-30T10:17:04	2	0	9	9	0	1.0412	1.0409	-0.0003	0.9978	0.9977	0.0001
2024-01-30T10:18:51	3	0	2	2	0	1.0447	1.0443	-0.0004	0.9994	0.9994	0.0000
2024-01-30T10:21:16	2	0	3	3	0	1.0021	1.0019	-0.0001	0.9946	0.9945	0.0001
2024-01-30T10:21:38	1	0	1	1	0	0.9433	0.9447	0.0014	-0.9979	-0.9976	-0.0003
2024-01-30T10:21:45	2	0	83	83	0	0.9320	0.9320	0.0000	0.9878	0.9877	0.0001
2024-01-30T10:21:48	1	0	1	1	0	1.0233	1.0230	-0.0003	0.9909	0.9909	0.0000
2024-01-30T10:22:07	1	0	108	102	6	0.9902	0.9948	0.0046	0.986	0.986	0.0000
2024-01-30T10:23:18	2	0	4	4	0	0.9891	0.9890	-0.0001	0.992	0.9919	0.0001
2024-01-30T10:24:31	5	0	37	25	12	0.9425	0.9429	0.0004	0.9978	0.998	-0.0002
2024-01-30T10:27:50	1	0	1	1	0	0.9443	0.9444	0.0001	-0.9997	-0.9997	0.0000
2024-01-30T10:29:17	1	0	12	12	0	1.0490	1.0490	0.0000	0.9959	0.996	-0.0001
2024-01-30T10:30:02	4	0	6	6	0	0.9716	0.9712	-0.0004	0.9895	0.9893	0.0002
2024-01-30T10:30:33	7	0	5	6	-1	1.0050	1.0137	0.0088	0.9895	0.9899	-0.0004
2024-01-30T10:32:07	1	0	1	0	1	0.9340	null	null	0.9842	0.9843	-0.0001
2024-01-30T10:33:23	1	0	1	0	1	1.0455	null	null	-0.9922	-0.9923	0.0001
2024-01-30T10:33:52	1	0	11	11	0	1.0444	1.0442	-0.0001	0.9997	0.9997	0.0000
2024-01-30T10:34:47	1	0	2	2	0	1.0313	1.0311	-0.0001	0.9758	0.9757	0.0001

2024-01-30T10:34:47	1	0	9	9	0	1.0498	1.0497	-0.0001	0.9905	0.9897	0.0008
2024-01-30T10:34:54	1	0	1	0	1	0.9449	null	null	-0.9967	-0.9967	0.0000
2024-01-30T10:35:17	2	0	40	38	2	1.0480	1.0483	0.0003	-0.9956	-0.9957	0.0001
2024-01-30T10:36:17	1	0	3	3	0	1.0399	1.0394	-0.0004	0.9942	0.9941	0.0001
2024-01-30T10:37:13	3	0	117	117	0	1.0185	1.0185	0.0000	0.986	0.986	0.0000
2024-01-30T10:37:58	2	0	131	129	2	1.0565	1.0565	0.0000	-0.981	-0.981	0.0000
2024-01-30T10:39:10	1	0	35	33	2	1.0169	1.0151	-0.0018	0.9759	0.9749	0.0010
2024-01-30T10:40:13	1	0	9	9	0	1.0506	1.0505	-0.0001	0.9963	0.9962	0.0001
2024-01-30T10:41:53	1	0	2	2	0	1.0068	1.0074	0.0006	0.9894	0.9894	0.0000
2024-01-30T10:44:18	1	0	13	13	0	1.0497	1.0497	0.0000	0.9965	0.9966	-0.0001
2024-01-30T10:44:37	1	0	1	0	1	1.0085	null	null	0.9845	0.9845	0.0000
2024-01-30T10:45:34	7	0	6	7	-1	1.0152	1.0068	-0.0084	0.9892	0.9885	0.0007
2024-01-30T10:47:11	3	0	27	25	2	1.0503	1.0498	-0.0005	0.9821	0.982	0.0001
2024-01-30T10:48:24	1	0	3	2	1	1.0500	1.0457	-0.0044	-0.9921	-0.9924	0.0003
2024-01-30T10:48:35	1	0	1	1	0	1.0169	1.0166	-0.0003	0.9902	0.9901	0.0001
2024-01-30T10:50:11	3	0	31	29	2	1.0546	1.0545	-0.0001	0.9512	0.9503	0.0009
2024-01-30T10:50:18	2	0	50	47	3	1.0486	1.0485	-0.0001	-0.9945	-0.9946	0.0001
2024-01-30T10:51:56	1	0	2	2	0	1.0271	1.0264	-0.0007	0.9918	0.9918	0.0000
2024-01-30T10:52:23	3	0	130	130	0	1.0224	1.0224	0.0000	0.9848	0.9849	-0.0001
2024-01-30T10:52:59	1	0	152	151	1	1.0582	1.0582	0.0000	-0.9837	-0.9837	0.0000
2024-01-30T10:54:58	2	0	1	0	1	1.0307	null	null	0.9984	0.9984	0.0000
2024-01-30T10:55:35	1	0	39	38	1	0.9399	0.9401	0.0002	-0.9933	-0.9929	-0.0004
2024-01-30T10:56:31	1	0	4	4	0	1.0484	1.0481	-0.0003	0.9901	0.99	0.0001
2024-01-30T10:56:54	2	0	1	1	0	0.9675	0.9688	0.0013	0.9905	0.9906	-0.0001
2024-01-30T10:58:22	1	0	14	14	0	1.0466	1.0465	-0.0001	0.9988	0.9988	0.0000
2024-01-30T10:59:19	1	0	11	11	0	1.0495	1.0495	0.0000	0.9969	0.997	-0.0001
2024-01-30T11:00:35	9	0	76	59	17	0.9466	0.9624	0.0158	0.9534	0.9754	-0.0220
2024-01-30T11:01:31	1	0	69	68	1	1.0533	1.0534	0.0001	0.9919	0.9919	0.0000
2024-01-30T11:02:16	1	0	1	1	0	1.0585	1.0574	-0.0011	0.9808	0.9807	0.0001
2024-01-30T11:02:21	2	0	5	5	0	1.0422	1.0417	-0.0005	0.9972	0.9972	0.0000
2024-01-30T11:03:22	3	0	3	0	3	0.9525	null	null	0.9392	0.9397	-0.0005
2024-01-30T11:03:25	1	0	3	1	2	1.0497	1.0451	-0.0046	-0.9924	-0.9927	0.0003
2024-01-30T11:03:42	1	0	11	11	0	1.0415	1.0415	0.0000	-0.9918	-0.9918	0.0000
2024-01-30T11:03:56	4	0	1	0	1	1.0451	null	null	0.9781	0.9781	0.0000
2024-01-30T11:04:51	1	0	9	9	0	1.0467	1.0466	-0.0001	0.9721	0.9715	0.0006
2024-01-30T11:05:18	4	0	59	60	-1	1.0565	1.0564	-0.0001	1	1	0.0000
2024-01-30T11:05:27	1	0	10	11	-1	1.0337	1.0347	0.0010	0.9985	0.9985	0.0000
2024-01-30T11:07:58	4	0	3	3	0	1.0292	1.0288	-0.0004	0.9988	0.9987	0.0001
2024-01-30T11:09:34	1	0	3	3	0	0.9438	0.9444	0.0006	0.9982	0.9973	0.0009
2024-01-30T11:12:28	1	0	6	6	0	1.0414	1.0413	-0.0001	0.9998	0.9998	0.0000
2024-01-30T11:14:20	3	0	10	10	0	1.0485	1.0484	-0.0001	0.9971	0.997	0.0001
2024-01-30T11:14:26	1	0	2	2	0	1.0446	1.0444	-0.0003	0.9853	0.9852	0.0001
2024-01-30T11:15:08	2	0	4	3	1	1.0463	1.0427	-0.0036	-0.9974	-0.9974	0.0000
2024-01-30T11:15:18	2	0	1	1	0	0.9438	0.9444	0.0006	0.998	0.998	0.0000
2024-01-30T11:15:38	1	0	5	5	0	1.0098	1.0098	0.0000	0.9661	0.9807	-0.0146
2024-01-30T11:16:15	1	0	1	1	0	1.0272	1.0266	-0.0006	0.9686	0.9679	0.0007
2024-01-30T11:18:23	1	0	1	1	0	1.0564	1.0559	-0.0005	0.938	0.9378	0.0002
2024-01-30T11:18:26	1	0	3	2	1	1.0507	1.0457	-0.0050	-0.9916	-0.992	0.0004
2024-01-30T11:18:32	1	0	5	5	0	1.0514	1.0512	-0.0002	0.9977	0.9977	0.0000
2024-01-30T11:18:37	1	0	1	0	1	1.0364	null	null	0.9919	0.9919	0.0000
2024-01-30T11:18:55	2	0	14	13	1	1.0465	1.0476	0.0011	0.9996	0.9996	0.0000
2024-01-30T11:21:03	2	0	5	5	0	1.0381	1.0380	-0.0001	0.9935	0.9936	-0.0001
2024-01-30T11:22:07	8	0	4	3	1	1.0304	1.0268	-0.0036	0.9916	0.9915	0.0001
2024-01-30T11:23:01	2	0	194	191	3	1.0597	1.0597	0.0000	-0.9826	-0.9825	-0.0001
2024-01-30T11:23:04	1	0	1	1	0	1.0295	1.0295	0.0000	0.9987	0.9987	0.0000
2024-01-30T11:23:52	1	0	2	2	0	1.0389	1.0386	-0.0003	-0.9998	-0.9998	0.0000
2024-01-30T11:24:35	4	0	2	1	1	1.0576	1.0570	-0.0006	0.9978	0.9967	0.0011
2024-01-30T11:28:32	1	0	7	7	0	1.0431	1.0430	0.0000	0.9953	0.9952	0.0001
2024-01-30T11:29:02	2	0	6	7	-1	1.0281	1.0162	-0.0119	0.9904	0.9905	-0.0001
2024-01-30T11:29:21	5	0	19	19	0	1.0519	1.0516	-0.0003	0.9967	0.9968	-0.0001
2024-01-30T11:30:04	5	0	109	104	5	1.0515	1.0512	-0.0003	0.9975	0.9975	0.0000
2024-01-30T11:30:06	10	0	3	3	0	0.9379	0.9380	0.0001	0.9885	0.9886	-0.0001
2024-01-30T11:30:09	1	0	4	3	1	1.0397	1.0340	-0.0057	-0.9979	-0.9979	0.0000
2024-01-30T11:32:14	7	0	33	30	3	1.0515	1.0510	-0.0004	0.9808	0.9807	0.0001
2024-01-30T11:32:32	9	0	40	37	3	1.0440	1.0446	0.0005	0.9972	0.9971	0.0001
2024-01-30T11:32:41	1	0	1	1	0	1.0316	1.0313	-0.0003	0.9923	0.9924	-0.0001
2024-01-30T11:33:27	2	0	3	1	2	1.0502	1.0455	-0.0047	-0.9928	-0.993	0.0002
2024-01-30T11:33:45	1	0	6	6	0	1.0514	1.0514	0.0000	0.9946	0.9946	0.0000
2024-01-30T11:35:36	1	0	2	2	0	0.9706	0.9707	0.0001	0.9997	0.9998	-0.0001
2024-01-30T11:35:44	4	0	4	4	0	1.0570	1.0566	-0.0004	-0.824	-0.8284	0.0044
2024-01-30T11:38:05	4	0	3	3	0	1.0310	1.0310	0.0000	0.9988	0.9988	0.0000
2024-01-30T11:39:14	3	0	35	34	1	1.0491	1.0490	-0.0002	0.9697	0.9731	-0.0034
2024-01-30T11:44:41	1	0	1	0	1	0.9449	null	null	0.9835	0.9835	0.0000
2024-01-30T11:45:07	6	0	3	3	0	0.9370	0.9371	0.0001	0.9879	0.988	-0.0001
2024-01-30T11:45:10	1	0	5	4	1	1.0442	1.0403	-0.0038	-0.9975	-0.9975	0.0000
2024-01-30T11:45:57	1	0	4	4	0	1.0177	1.0177	0.0000	0.9956	0.9956	0.0000
2024-01-30T11:48:28	2	0	3	2	1	1.0500	1.0454	-0.0047	-0.993	-0.9932	0.0002
2024-01-30T11:50:10	1	0	1	1	0	1.0331	1.0330	-0.0001	-0.9999	-0.9999	0.0000
2024-01-30T11:52:24	1	0	8	8	0	1.0518	1.0517	-0.0001	0.9944	0.9943	0.0001
2024-01-30T11:53:03	1	0	210	207	3	1.0600	1.0600	0.0000	-0.9826	-0.9826	0.0000
2024-01-30T11:53:14	1	0	6	7	-1	1.0287	1.0289	0.0002	0.9991	0.9991	0.0000
2024-01-30T12:00:16	1	0	113	110	3	1.0516	1.0515	-0.0002	0.9971	0.9971	0.0000
2024-01-30T12:00:52	1	0	26	27	-1	1.0526	1.0524	-0.0003	0.981	0.9811	-0.0001
2024-01-30T12:02:16	3	0	41	37	4	1.0527	1.0522	-0.0004	0.9794	0.9792	0.0002
2024-01-30T12:03:33	2	0	3	2	1	1.0516	1.0470	-0.0045	-0.9943	-0.9944	0.0001

2024-01-30T12:05:38	1	0	1	2	-1	0.9684	1.0031	0.0347	0.9997	0.9997	0.0000
2024-01-30T12:07:25	3	0	9	9	0	1.0506	1.0505	0.0000	0.9952	0.9952	0.0000
2024-01-30T12:08:04	2	0	169	169	0	1.0590	1.0590	0.0000	-0.9836	-0.9836	0.0000
2024-01-30T12:10:03	2	0	4	4	0	0.9477	0.9478	0.0001	0.9848	0.9849	-0.0001
2024-01-30T12:12:30	1	0	81	81	0	1.0674	1.0668	-0.0006	-0.9891	-0.9891	0.0000
2024-01-30T12:29:25	1	0	10	9	1	1.0523	1.0513	-0.0010	0.9728	0.9728	0.0000
2024-01-30T12:30:12	10	0	1	1	0	0.9327	0.9330	0.0003	0.9759	0.9764	-0.0005
2024-01-30T12:38:09	1	0	11	11	0	1.0495	1.0494	-0.0001	0.9981	0.9981	0.0000
2024-01-30T12:45:14	1	0	2	2	0	1.0452	1.0437	-0.0015	-0.9967	-0.9966	-0.0001
2024-01-30T12:45:28	1	0	119	118	1	1.0529	1.0529	0.0000	0.998	0.998	0.0000
2024-01-30T12:53:07	14	0	309	304	5	1.0628	1.0627	0.0000	-0.9801	-0.98	-0.0001
2024-01-30T12:59:12	1	0	85	83	2	0.9346	0.9348	0.0002	0.9916	0.9915	0.0001
2024-01-30T12:59:27	1	0	21	21	0	1.0527	1.0521	-0.0006	0.9969	0.9966	0.0003
2024-01-30T13:04:07	1	0	8	9	-1	1.0551	1.0551	0.0000	0.9949	0.9949	0.0000
2024-01-30T13:17:26	1	0	66	65	1	1.0541	1.0541	0.0000	0.9913	0.9913	0.0000
2024-01-30T13:29:14	2	0	3	1	2	1.0546	1.0479	-0.0067	-0.9493	-0.9491	-0.0002
2024-01-30T13:31:50	1	0	2	2	0	1.0372	1.0371	-0.0001	0.9989	0.9988	0.0001
2024-01-30T13:33:38	1	0	3	2	1	1.0521	1.0476	-0.0045	-0.9932	-0.9933	0.0001
2024-01-30T13:43:41	1	0	14	14	0	1.0482	1.0482	0.0000	0.995	0.9932	0.0018
2024-01-30T13:46:52	1	0	2	2	0	1.0396	1.0395	-0.0002	0.9986	0.9986	0.0000
2024-01-30T13:47:33	1	0	70	70	0	1.0545	1.0544	-0.0001	0.9911	0.9911	0.0000
2024-01-30T13:48:39	1	0	3	2	1	1.0497	1.0457	-0.0040	-0.9919	-0.9921	0.0002
2024-01-30T13:49:23	1	0	36	35	1	1.0571	1.0578	0.0007	0.9953	0.9953	0.0000
2024-01-30T13:51:41	2	0	4	4	0	1.0544	1.0544	-0.0001	-0.9988	-0.9989	0.0001
2024-01-30T13:55:39	2	0	1	1	0	1.0051	1.0040	-0.0011	0.9999	0.9999	0.0000
2024-01-30T14:01:00	1	0	28	28	0	1.0526	1.0525	0.0000	0.9782	0.9781	0.0001
2024-01-30T14:03:40	2	0	3	2	1	1.0513	1.0465	-0.0049	-0.9902	-0.9905	0.0003
2024-01-30T14:07:28	35	0	7	7	0	1.0281	1.0265	-0.0017	0.9904	0.9896	0.0008
2024-01-30T14:10:11	2	0	2	2	0	0.9403	0.9405	0.0001	0.9855	0.9853	0.0002
2024-01-30T14:10:56	2	0	86	84	2	0.9377	0.9379	0.0003	-0.9968	-0.9963	-0.0005
2024-01-30T14:12:43	2	0	2	3	-1	1.0382	1.0406	0.0024	0.9999	0.9999	0.0000
2024-01-30T14:13:43	1	0	12	11	1	1.0453	1.0452	-0.0001	0.9945	0.9944	0.0001
2024-01-30T14:14:23	1	0	30	29	1	1.0490	1.0491	0.0001	-0.9973	-0.9973	0.0000
2024-01-30T14:14:38	1	0	1	1	0	1.0700	1.0700	0.0000	0.9862	0.9862	0.0000
2024-01-30T14:15:20	1	0	5	5	0	1.0352	1.0352	-0.0001	-0.9969	-0.997	0.0001
2024-01-30T14:16:16	8	0	7	7	0	1.0207	1.0241	0.0034	0.9962	0.996	0.0002
2024-01-30T14:16:54	1	0	1	1	0	1.0391	1.0388	-0.0003	0.9989	0.9989	0.0000
2024-01-30T14:17:02	1	0	39	38	1	1.0501	1.0499	-0.0001	-0.9841	-0.9841	0.0000
2024-01-30T14:17:25	5	0	83	81	2	1.0543	1.0542	-0.0001	0.9795	0.9794	0.0001
2024-01-30T14:17:59	1	0	4	5	-1	1.0488	1.0480	-0.0008	0.9957	0.9957	0.0000
2024-01-30T14:19:07	9	0	4	5	-1	1.0314	1.0332	0.0018	0.9973	0.9973	0.0000
2024-01-30T14:19:09	4	0	4	4	0	1.0466	1.0460	-0.0006	0.9758	0.9754	0.0004
2024-01-30T14:19:25	1	0	22	22	0	1.0543	1.0542	-0.0002	0.9939	0.9938	0.0001
2024-01-30T14:20:04	2	0	13	13	0	1.0504	1.0503	-0.0001	0.9861	0.9858	0.0003
2024-01-30T14:20:47	1	0	3	4	-1	0.9725	0.9747	0.0021	0.9998	0.9999	-0.0001
2024-01-30T14:22:36	32	0	8	7	1	1.0266	1.0257	-0.0009	0.9921	0.9918	0.0003
2024-01-30T14:23:28	1	0	4	4	0	1.0313	1.0312	-0.0001	0.999	0.999	0.0000
2024-01-30T14:25:12	2	0	2	2	0	0.9410	0.9411	0.0001	0.9859	0.9859	0.0000
2024-01-30T14:27:08	3	0	1	1	0	1.0379	1.0379	0.0000	0.989	0.9881	0.0009
2024-01-30T14:27:44	2	0	5	5	0	1.0398	1.0397	-0.0001	0.9999	0.9999	0.0000
2024-01-30T14:28:05	1	0	2	2	0	1.0661	1.0660	-0.0002	0.9854	0.9853	0.0001
2024-01-30T14:28:13	1	0	16	15	1	1.0499	1.0501	0.0003	0.9991	0.999	0.0001
2024-01-30T14:28:44	2	0	17	17	0	1.0473	1.0473	0.0000	0.9957	0.9956	0.0001
2024-01-30T14:29:33	2	0	33	33	0	1.0489	1.0488	0.0000	-0.9975	-0.9976	0.0001
2024-01-30T14:30:21	1	0	5	5	0	1.0372	1.0372	0.0000	-0.9966	-0.9966	0.0000
2024-01-30T14:30:31	2	0	1	1	0	1.0577	1.0577	0.0000	-0.992	-0.992	0.0000
2024-01-30T14:30:37	1	0	9	9	0	1.0470	1.0468	-0.0002	0.9867	0.9867	0.0000
2024-01-30T14:30:54	8	0	45	43	2	1.0553	1.0522	-0.0032	0.9657	0.9615	0.0042
2024-01-30T14:31:17	10	0	7	7	0	1.0186	1.0185	-0.0002	0.9957	0.9956	0.0001
2024-01-30T14:31:55	1	0	1	1	0	1.0381	1.0376	-0.0005	0.9982	0.9982	0.0000
2024-01-30T14:32:26	5	0	50	50	0	1.0532	1.0532	0.0000	0.9798	0.9797	0.0001
2024-01-30T14:32:52	11	0	60	58	2	1.0468	1.0465	-0.0003	0.9974	0.9974	0.0000
2024-01-30T14:34:10	4	0	4	4	0	1.0461	1.0459	-0.0002	0.9773	0.9772	0.0001
2024-01-30T14:34:39	2	0	13	14	-1	1.0538	1.0537	-0.0002	0.9946	0.9945	0.0001
2024-01-30T14:35:07	2	0	13	13	0	1.0508	1.0507	-0.0001	0.9934	0.993	0.0004
2024-01-30T14:35:54	1	0	4	4	0	0.9753	0.9753	0.0000	0.9997	0.9997	0.0000
2024-01-30T14:36:34	1	0	4	4	0	1.0134	1.0135	0.0000	0.9915	0.9916	-0.0001
2024-01-30T14:37:47	16	0	2	2	0	1.0153	1.0141	-0.0012	0.9905	0.9904	0.0001
2024-01-30T14:38:29	5	0	8	8	0	1.0331	1.0330	-0.0001	0.9991	0.9991	0.0000
2024-01-30T14:39:26	6	0	27	27	0	1.0408	1.0408	0.0000	0.9733	0.9716	0.0017
2024-01-30T14:41:01	3	0	40	37	3	0.9419	0.9426	0.0007	-0.996	-0.9934	-0.0026
2024-01-30T14:42:09	1	0	2	2	0	1.0282	1.0280	-0.0002	0.9883	0.9883	0.0000
2024-01-30T14:42:45	3	0	8	8	0	1.0384	1.0384	-0.0001	0.9998	0.9997	0.0001
2024-01-30T14:43:45	2	0	17	17	0	1.0493	1.0493	0.0000	0.9952	0.9952	0.0000
2024-01-30T14:44:19	1	0	52	47	5	0.9536	0.9538	0.0002	0.9912	0.9913	-0.0001
2024-01-30T14:44:33	2	0	31	31	0	1.0483	1.0483	0.0000	-0.9982	-0.9982	0.0000
2024-01-30T14:44:34	7	0	11	11	0	1.0491	1.0491	0.0000	0.997	0.997	0.0000
2024-01-30T14:44:59	2	0	2	2	0	1.0132	1.0128	-0.0005	0.9837	0.9837	0.0000
2024-01-30T14:45:21	10	0	8	8	0	0.9821	0.9806	-0.0015	0.9873	0.9867	0.0006
2024-01-30T14:45:38	1	0	5	5	0	1.0464	1.0464	0.0000	0.9859	0.9859	0.0000
2024-01-30T14:45:58	8	0	57	53	4	1.0574	1.0558	-0.0016	0.9659	0.9653	0.0006
2024-01-30T14:46:03	1	0	28	28	0	1.0534	1.0533	0.0000	0.9793	0.9791	0.0002
2024-01-30T14:46:29	1	0	9	9	0	1.0237	1.0236	-0.0001	0.9963	0.9962	0.0001
2024-01-30T14:46:56	1	0	1	1	0	1.0386	1.0384	-0.0002	0.9974	0.9974	0.0000
2024-01-30T14:47:27	2	0	109	108	1	1.0549	1.0549	0.0000	0.9803	0.9802	0.0001

2024-01-30T14:48:37	1	0	2	2	0	0.9982	0.9984	0.0003	0.9384	0.9386	-0.0002
2024-01-30T14:48:43	2	0	14	12	2	1.0506	1.0501	-0.0005	-0.9842	-0.9878	0.0036
2024-01-30T14:48:47	6	0	11	9	2	1.0186	1.0126	-0.0060	-0.9934	-0.9936	0.0002
2024-01-30T14:50:08	1	0	15	15	0	1.0503	1.0502	-0.0001	0.9908	0.9904	0.0004
2024-01-30T14:50:44	2	0	129	129	0	1.0626	1.0626	0.0000	0.9938	0.9938	0.0000
2024-01-30T14:56:07	2	0	52	39	13	0.9426	0.9430	0.0004	-0.9957	-0.9938	-0.0019
2024-01-30T14:58:33	1	0	2	2	0	1.0204	1.0202	-0.0002	0.9842	0.9839	0.0003
2024-01-30T14:59:08	1	0	7	7	0	1.0494	1.0493	-0.0002	-0.9965	-0.9966	0.0001
2024-01-30T14:59:35	1	0	16	16	0	1.0505	1.0505	0.0000	0.9973	0.9974	-0.0001
2024-01-30T15:00:23	1	0	5	5	0	1.0388	1.0388	0.0000	-0.9961	-0.9961	0.0000
2024-01-30T15:01:57	1	0	3	3	0	1.0367	1.0366	-0.0001	0.997	0.997	0.0000
2024-01-30T15:02:28	2	0	99	98	1	1.0549	1.0549	0.0000	0.9803	0.9802	0.0001
2024-01-30T15:03:44	1	0	18	17	1	1.0484	1.0481	-0.0003	-0.9826	-0.9832	0.0006
2024-01-30T15:04:10	1	0	2	2	0	1.0337	1.0337	-0.0001	0.9973	0.9973	0.0000
2024-01-30T15:04:55	1	0	4	4	0	1.0491	1.0490	0.0000	0.9929	0.9928	0.0001
2024-01-30T15:05:09	1	0	15	15	0	1.0517	1.0516	-0.0001	0.991	0.9906	0.0004
2024-01-30T15:06:47	1	0	10	10	0	1.0491	1.0491	-0.0001	-0.9982	-0.9983	0.0001
2024-01-30T15:10:15	2	0	1	1	0	1.0304	1.0284	-0.0020	0.9889	0.9888	0.0001
2024-01-30T15:13:11	1	0	4	4	0	0.9417	0.9419	0.0002	0.9998	0.9998	0.0000
2024-01-30T15:14:17	2	0	11	11	0	1.0487	1.0485	-0.0001	0.998	0.998	0.0000
2024-01-30T15:14:21	2	0	5	4	1	0.9841	0.9942	0.0101	0.9919	0.9917	0.0002
2024-01-30T15:14:36	1	0	10	10	0	1.0481	1.0481	0.0000	0.9967	0.9968	-0.0001
2024-01-30T15:16:13	2	0	1	1	0	1.0270	1.0264	-0.0006	0.9752	0.9748	0.0004
2024-01-30T15:16:31	1	0	3	3	0	1.0166	1.0165	-0.0001	0.9957	0.9957	0.0000
2024-01-30T15:18:39	3	0	5	5	0	0.9537	0.9540	0.0003	0.9522	0.9524	-0.0002
2024-01-30T15:18:50	5	0	4	4	0	1.0154	1.0141	-0.0013	-0.9978	-0.998	0.0002
2024-01-30T15:20:10	1	0	18	18	0	1.0520	1.0519	-0.0001	0.9931	0.9928	0.0003
2024-01-30T15:23:05	19	0	3	2	1	1.0176	1.0107	-0.0069	0.9908	0.9905	0.0003
2024-01-30T15:25:43	2	0	1	1	0	1.0154	1.0145	-0.0009	0.9673	0.9671	0.0002
2024-01-30T15:27:43	1	0	2	2	0	1.0568	1.0561	-0.0008	-0.9899	-0.99	0.0001
2024-01-30T15:29:22	1	0	71	44	27	0.9529	0.9584	0.0055	0.991	0.9912	-0.0002
2024-01-30T15:29:37	1	0	11	11	0	1.0495	1.0495	0.0000	0.9971	0.9971	0.0000
2024-01-30T15:30:02	1	0	1	1	0	0.9409	0.9418	0.0009	0.9785	0.9785	0.0000
2024-01-30T15:33:46	1	0	8	8	0	1.0478	1.0473	-0.0006	-0.9883	-0.9887	0.0004
2024-01-30T15:35:37	1	0	70	70	0	1.0490	1.0490	0.0000	-0.9937	-0.9937	0.0000
2024-01-30T15:36:27	1	0	13	13	0	1.0469	1.0469	0.0000	1	1	0.0000
2024-01-30T15:38:17	2	0	3	3	0	1.0229	1.0226	-0.0003	0.9912	0.9912	0.0000
2024-01-30T15:41:12	1	0	14	14	0	0.9447	0.9447	0.0000	-0.9911	-0.9889	-0.0022
2024-01-30T15:46:07	1	0	2	2	0	1.0323	1.0318	-0.0006	0.9114	0.935	-0.0236
2024-01-30T15:47:28	2	0	2	2	0	1.0241	0.9928	-0.0313	0.9803	0.9802	0.0001
2024-01-30T15:53:25	2	0	3	3	0	1.0185	1.0182	-0.0003	0.9904	0.9903	0.0001
2024-01-30T15:56:57	1	0	1	1	0	1.0266	1.0262	-0.0004	0.9833	0.9833	0.0000
2024-01-30T15:57:45	1	0	13	12	1	1.0488	1.0481	-0.0006	-0.9934	-0.9934	0.0000
2024-01-30T15:59:39	1	0	13	14	-1	1.0477	1.0473	-0.0003	0.9995	0.9993	0.0002
2024-01-30T16:03:49	1	0	2	2	0	1.0467	1.0458	-0.0009	-0.99	-0.9903	0.0003
2024-01-30T16:05:34	2	0	20	20	0	1.0383	1.0383	0.0000	0.9421	0.9424	-0.0003
2024-01-30T16:12:31	1	0	8	8	0	0.9867	0.9869	0.0002	0.9887	0.9888	-0.0001
2024-01-30T16:16:09	7	0	3	3	0	1.0004	1.0012	0.0008	0.959	0.961	-0.0020
2024-01-30T16:17:30	2	0	7	7	0	0.9529	0.9529	0.0000	0.9805	0.9805	0.0000
2024-01-30T16:18:50	1	0	2	2	0	1.0476	1.0468	-0.0008	-0.9899	-0.9902	0.0003
2024-01-30T16:20:59	3	0	51	49	2	1.0509	1.0590	0.0082	0.9963	0.9963	0.0000
2024-01-30T16:48:52	1	0	2	2	0	1.0469	1.0464	-0.0005	-0.9909	-0.991	0.0001
2024-01-30T17:06:08	3	0	136	131	5	0.9952	0.9953	0.0002	0.9949	0.995	-0.0001
2024-01-30T17:20:21	1	0	52	52	0	0.9365	0.9366	0.0001	-0.9986	-0.9986	0.0000
2024-01-30T17:31:14	1	0	70	70	0	0.9483	0.9484	0.0001	0.9899	0.99	-0.0001
2024-01-30T17:40:04	1	0	166	166	0	1.0622	1.0621	-0.0001	0.9845	0.984	0.0005
2024-01-30T18:29:03	1	0	7	7	0	0.9398	0.9398	0.0000	0.9983	0.9982	0.0001
2024-01-30T18:36:59	1	0	1	1	0	1.0310	1.0310	0.0000	0.934	0.934	0.0000
2024-01-31T07:51:31	1	0	52	51	1	0.9767	0.9767	0.0000	0.9987	0.9986	0.0001
2024-01-31T07:51:38	1	0	103	103	0	0.9224	0.9225	0.0001	0.9887	0.9887	0.0000
2024-01-31T07:54:23	2	0	82	80	2	0.9396	0.9396	0.0000	-0.9994	-0.9994	0.0000
2024-01-31T08:06:32	3	0	34	34	0	1.0203	1.0203	-0.0001	0.9843	0.984	0.0003
2024-01-31T08:06:39	1	0	102	102	0	0.9172	0.9173	0.0000	0.9874	0.9849	0.0025
2024-01-31T08:14:53	1	0	172	172	0	1.0544	1.0544	0.0000	-0.9999	-0.9999	0.0000
2024-01-31T08:20:08	2	0	32	32	0	1.0531	1.0531	-0.0001	1	1	0.0000
2024-01-31T08:29:10	1	0	17	17	0	1.0502	1.0501	0.0000	0.9998	0.9998	0.0000
2024-01-31T08:33:03	1	0	25	21	4	0.9485	0.9486	0.0002	0.9912	0.9914	-0.0002
2024-01-31T08:36:33	1	0	1	1	0	0.9357	0.9360	0.0003	0.9995	0.9995	0.0000
2024-01-31T08:36:34	3	0	57	57	0	1.0515	1.0516	0.0000	0.9846	0.9844	0.0002
2024-01-31T08:51:30	2	0	5	5	0	1.0241	1.0238	-0.0003	0.9908	0.9908	0.0000
2024-01-31T09:03:17	1	0	8	8	0	0.9592	0.9592	-0.0001	0.9572	0.9569	0.0003
2024-01-31T09:03:44	3	0	1	1	0	1.0415	1.0415	0.0000	0.9995	0.9995	0.0000
2024-01-31T09:04:04	1	0	1	1	0	1.0256	1.0256	0.0000	0.9814	0.9808	0.0006
2024-01-31T09:06:35	1	0	1	1	0	0.9419	0.9424	0.0005	0.9993	0.9993	0.0000
2024-01-31T09:06:36	6	0	81	73	8	1.0026	1.0050	0.0023	0.9833	0.9831	0.0002
2024-01-31T09:06:43	2	0	91	90	1	0.9269	0.9273	0.0005	0.9873	0.9874	-0.0001
2024-01-31T09:09:28	1	0	4	2	2	0.9683	0.9924	0.0240	-0.9998	-1	0.0002
2024-01-31T09:12:25	1	0	2	2	0	1.0344	1.0343	-0.0002	0.9999	0.9999	0.0000
2024-01-31T09:13:28	1	0	1	1	0	1.0342	1.0337	-0.0005	0.9989	0.9988	0.0001
2024-01-31T09:14:13	1	0	26	26	0	1.0530	1.0530	-0.0001	0.9997	0.9997	0.0000
2024-01-31T09:18:09	1	0	78	78	0	0.9486	0.9600	0.0115	0.9907	0.9909	-0.0002
2024-01-31T09:20:06	1	0	17	17	0	1.0421	1.0419	-0.0001	0.9662	0.958	0.0082
2024-01-31T09:20:12	7	0	37	35	2	1.0548	1.0547	-0.0001	1	1	0.0000
2024-01-31T09:21:02	1	0	2	2	0	1.0370	1.0370	0.0000	0.9981	0.9982	-0.0001
2024-01-31T09:21:37	3	0	132	131	1	0.9995	1.0016	0.0020	0.9848	0.9845	0.0003

2024-01-31T09:24:28	2	0	25	22	3	0.9468	0.9476	0.0008	0.9945	0.9945	0.0000
2024-01-31T09:25:29	1	0	75	73	2	0.9422	0.9408	-0.0014	-0.9962	-0.996	-0.0002
2024-01-31T09:28:50	1	0	3	3	0	1.0423	1.0422	-0.0001	-0.9971	-0.9971	0.0000
2024-01-31T09:29:14	4	0	18	17	1	1.0520	1.0518	-0.0002	0.9995	0.9995	0.0000
2024-01-31T09:30:28	2	0	1	1	0	0.9783	0.9791	0.0008	0.9983	0.9983	0.0000
2024-01-31T09:35:13	4	0	56	55	1	1.0567	1.0563	-0.0004	-1	-1	0.0000
2024-01-31T09:39:11	2	0	1	1	0	1.0325	1.0317	-0.0008	0.9894	0.989	0.0004
2024-01-31T09:39:55	2	0	2	2	0	0.9578	0.9584	0.0006	0.9987	0.9988	-0.0001
2024-01-31T09:40:31	1	0	2	2	0	1.0307	1.0303	-0.0004	0.9651	0.9642	0.0009
2024-01-31T09:42:07	1	0	69	64	5	0.9446	0.9448	0.0003	0.9747	0.9749	-0.0002
2024-01-31T09:43:51	2	0	4	4	0	1.0440	1.0439	-0.0001	-0.9967	-0.9968	0.0001
2024-01-31T09:45:32	8	0	15	10	5	1.0475	1.0427	-0.0048	0.9612	0.9621	-0.0009
2024-01-31T09:45:37	1	0	19	19	0	1.0489	1.0489	-0.0001	0.9855	0.9854	0.0001
2024-01-31T09:45:52	2	0	3	3	0	1.0135	1.0133	-0.0002	0.9964	0.9963	0.0001
2024-01-31T09:46:50	2	0	7	7	0	1.0335	1.0333	-0.0001	0.9957	0.9956	0.0001
2024-01-31T09:47:43	2	0	18	16	2	1.0191	1.0144	-0.0047	0.96	0.9599	0.0001
2024-01-31T09:48:29	5	0	61	60	1	0.9257	0.9264	0.0007	-0.9952	-0.9952	0.0000
2024-01-31T09:48:47	2	0	10	9	1	1.0426	1.0420	-0.0007	0.9997	0.9997	0.0000
2024-01-31T09:49:45	2	0	2	2	0	1.0222	1.0220	-0.0003	0.9743	0.9742	0.0001
2024-01-31T09:50:08	2	0	16	15	1	1.0469	1.0462	-0.0007	0.9585	0.9583	0.0002
2024-01-31T09:50:10	2	0	2	2	0	0.9800	0.9805	0.0006	-0.9931	-0.9928	-0.0003
2024-01-31T09:51:46	1	0	122	122	0	1.0057	1.0056	-0.0001	0.9847	0.9843	0.0004
2024-01-31T09:52:57	1	0	139	137	2	1.0577	1.0577	0.0000	-0.9805	-0.9805	0.0000
2024-01-31T09:57:50	1	0	1	1	0	0.9415	0.9421	0.0006	-1	-1	0.0000
2024-01-31T09:58:08	2	0	1	1	0	1.0063	1.0058	-0.0005	-0.9876	-0.9876	0.0000
2024-01-31T09:59:16	5	0	23	23	0	1.0530	1.0529	-0.0001	0.9997	0.9997	0.0000
2024-01-31T10:00:00	1	0	97	96	1	1.0500	1.0500	-0.0001	0.9972	0.9972	0.0000
2024-01-31T10:00:04	1	0	1	1	0	1.0260	1.0257	-0.0003	-0.9975	-0.9975	0.0000
2024-01-31T10:01:09	2	0	1	1	0	0.9845	0.9853	0.0008	-0.9909	-0.9907	-0.0002
2024-01-31T10:01:27	4	0	1	0	1	1.0416	null	null	0.9918	0.9979	-0.0061
2024-01-31T10:01:38	1	0	1	0	1	1.0378	null	null	0.999	0.999	0.0000
2024-01-31T10:01:59	5	0	20	16	4	1.0478	1.0477	-0.0002	0.9999	0.9999	0.0000
2024-01-31T10:03:21	3	0	4	2	2	0.9558	0.9569	0.0011	0.9565	0.9569	-0.0004
2024-01-31T10:05:09	1	0	17	15	2	1.0454	1.0439	-0.0015	0.957	0.9569	0.0001
2024-01-31T10:05:15	3	0	37	34	3	1.0540	1.0536	-0.0004	-1	-1	0.0000
2024-01-31T10:06:35	2	0	2	2	0	1.0283	1.0275	-0.0008	0.9919	0.9918	0.0001
2024-01-31T10:07:37	4	0	5	5	0	1.0066	1.0069	0.0003	0.9892	0.989	0.0002
2024-01-31T10:07:56	5	0	7	7	0	1.0302	1.0300	-0.0002	0.9998	0.9998	0.0000
2024-01-31T10:08:11	5	0	3	3	0	0.9408	0.9420	0.0011	0.9984	0.9985	-0.0001
2024-01-31T10:09:06	1	0	1	1	0	0.9911	0.9914	0.0003	0.9826	0.9827	-0.0001
2024-01-31T10:10:58	2	0	6	6	0	0.9779	0.9782	0.0003	0.9838	0.9839	-0.0001
2024-01-31T10:13:53	1	0	4	4	0	1.0481	1.0480	-0.0001	-0.9965	-0.9965	0.0000
2024-01-31T10:15:05	2	0	1	0	1	1.0578	null	null	-0.9978	-0.9978	0.0000
2024-01-31T10:15:54	2	0	3	3	0	1.0110	1.0109	-0.0002	0.9954	0.9953	0.0001
2024-01-31T10:17:05	2	0	6	6	0	1.0437	1.0433	-0.0005	0.9999	0.9999	0.0000
2024-01-31T10:17:09	1	0	2	2	0	1.0414	1.0411	-0.0003	0.9773	0.9773	0.0000
2024-01-31T10:18:31	1	0	48	48	0	0.9364	0.9364	0.0000	-0.9927	-0.9927	0.0000
2024-01-31T10:19:39	1	0	10	10	0	1.0486	1.0485	-0.0001	0.9702	0.9692	0.0010
2024-01-31T10:21:17	3	0	17	16	1	0.9517	0.9452	-0.0065	0.9916	0.9914	0.0002
2024-01-31T10:21:49	3	0	84	82	2	1.0622	1.0622	0.0000	0.9882	0.9883	-0.0001
2024-01-31T10:24:10	4	0	57	56	1	1.0170	1.0164	-0.0006	0.973	0.9735	-0.0005
2024-01-31T10:24:33	5	0	3	1	2	0.9435	0.9445	0.0010	-0.9993	-0.9996	0.0003
2024-01-31T10:25:59	1	0	5	5	0	0.9837	0.9838	0.0001	0.9855	0.9855	0.0000
2024-01-31T10:26:35	3	0	20	18	2	1.0547	1.0545	-0.0002	-1	-1	0.0000
2024-01-31T10:28:30	2	0	9	9	0	0.9692	0.9691	0.0000	0.9915	0.9914	0.0001
2024-01-31T10:29:18	1	0	23	23	0	1.0516	1.0516	0.0000	0.9999	0.9999	0.0000
2024-01-31T10:31:40	1	0	1	1	0	1.0407	1.0400	-0.0007	0.9989	0.9988	0.0001
2024-01-31T10:33:14	2	0	11	10	1	0.9807	0.9847	0.0040	0.9908	0.991	-0.0002
2024-01-31T10:33:23	1	0	2	1	1	1.0318	1.0084	-0.0235	0.9586	0.9585	0.0001
2024-01-31T10:33:35	1	0	1	1	0	1.0186	1.0183	-0.0003	0.9801	0.9799	0.0002
2024-01-31T10:33:50	3	0	12	12	0	1.0430	1.0426	-0.0004	0.9996	0.9996	0.0000
2024-01-31T10:36:18	2	0	19	19	0	0.9499	0.9501	0.0002	0.9921	0.9921	0.0000
2024-01-31T10:38:00	1	0	178	176	2	1.0593	1.0593	0.0000	-0.9793	-0.9792	-0.0001
2024-01-31T10:40:22	1	0	17	16	1	1.0484	1.0478	-0.0006	-0.9989	-0.9989	0.0000
2024-01-31T10:40:44	1	0	91	91	0	0.9347	0.9349	0.0003	-0.9952	-0.9948	-0.0004
2024-01-31T10:42:26	1	0	2	1	1	1.0520	1.0458	-0.0062	-0.979	-0.9791	0.0001
2024-01-31T10:42:31	1	0	3	3	0	1.0299	1.0298	-0.0001	0.9999	0.9999	0.0000
2024-01-31T10:44:09	2	0	10	10	0	1.0451	1.0450	0.0000	-0.9991	-0.9991	0.0000
2024-01-31T10:44:19	1	0	30	29	1	1.0542	1.0541	-0.0001	0.9997	0.9996	0.0001
2024-01-31T10:45:03	1	0	79	77	2	1.0502	1.0500	-0.0002	0.9979	0.9979	0.0000
2024-01-31T10:45:56	2	0	1	0	1	1.0218	null	null	0.971	0.971	0.0000
2024-01-31T10:47:47	1	0	25	24	1	1.0159	1.0143	-0.0016	0.9596	0.9594	0.0002
2024-01-31T10:48:15	1	0	3	3	0	1.0468	1.0466	-0.0002	0.9913	0.991	0.0003
2024-01-31T10:48:44	1	0	5	5	0	1.0269	1.0269	-0.0001	-0.9994	-0.9994	0.0000
2024-01-31T10:48:49	1	0	2	2	0	1.0367	1.0365	-0.0002	-0.9993	-0.9993	0.0000
2024-01-31T10:49:44	1	0	11	11	0	1.0494	1.0492	-0.0002	0.972	0.9707	0.0013
2024-01-31T10:50:12	1	0	18	17	1	1.0482	1.0474	-0.0007	0.9548	0.9544	0.0004
2024-01-31T10:50:34	1	0	2	2	0	0.9838	0.9833	-0.0005	1	1	0.0000
2024-01-31T10:55:36	1	0	2	2	0	1.0299	1.0297	-0.0002	0.957	0.9568	0.0002
2024-01-31T10:55:47	2	0	80	80	0	0.9389	0.9393	0.0003	-0.995	-0.9947	-0.0003
2024-01-31T11:00:37	1	0	4	4	0	1.0205	1.0201	-0.0004	0.9109	0.9345	-0.0236
2024-01-31T11:01:42	1	0	2	2	0	1.0373	1.0371	-0.0002	0.9992	0.9991	0.0001
2024-01-31T11:02:16	1	0	1	0	1	1.0553	null	null	0.9819	0.9819	0.0000
2024-01-31T11:02:17	2	0	13	11	2	1.0483	1.0476	-0.0006	0.9994	0.9994	0.0000
2024-01-31T11:02:48	2	0	29	28	1	1.0188	1.0174	-0.0014	0.9616	0.9615	0.0001

2024-01-31T11:03:52	2	0	3	3	0	1.0325	1.0320	-0.0005	0.9975	0.9969	0.0006
2024-01-31T11:05:19	5	0	37	34	3	1.0545	1.0539	-0.0006	-1	-1	0.0000
2024-01-31T11:05:21	2	0	28	26	2	1.0468	1.0467	-0.0001	-0.9986	-0.9987	0.0001
2024-01-31T11:06:44	1	0	2	2	0	1.0256	1.0249	-0.0007	0.9914	0.9914	0.0000
2024-01-31T11:06:57	3	0	121	121	0	1.0653	1.0654	0.0000	0.9924	0.9924	0.0000
2024-01-31T11:09:45	1	0	1	1	0	0.9444	0.9447	0.0003	0.9987	0.9987	0.0000
2024-01-31T11:11:34	1	0	5	5	0	1.0480	1.0478	-0.0002	0.9992	0.9992	0.0000
2024-01-31T11:12:53	1	0	3	3	0	1.0584	1.0583	-0.0001	0.9808	0.9807	0.0001
2024-01-31T11:13:36	1	0	5	5	0	1.0409	1.0408	-0.0001	0.9966	0.9966	0.0000
2024-01-31T11:16:44	1	0	85	84	1	1.0544	1.0544	0.0000	0.9941	0.9942	-0.0001
2024-01-31T11:17:17	1	0	1	0	1	1.0556	null	null	0.9814	0.9813	0.0001
2024-01-31T11:18:22	1	0	87	84	3	1.0506	1.0503	-0.0002	0.998	0.998	0.0000
2024-01-31T11:18:35	1	0	5	5	0	1.0497	1.0496	-0.0001	0.996	0.9959	0.0001
2024-01-31T11:18:53	3	0	15	14	1	1.0480	1.0473	-0.0008	0.9995	0.9995	0.0000
2024-01-31T11:18:54	1	0	2	2	0	1.0323	1.0322	-0.0001	-0.9992	-0.9992	0.0000
2024-01-31T11:19:46	1	0	9	9	0	1.0499	1.0497	-0.0002	0.9461	0.9444	0.0017
2024-01-31T11:20:09	1	0	1	1	0	1.0299	1.0291	-0.0008	-0.9999	-0.9999	0.0000
2024-01-31T11:20:29	1	0	9	9	0	1.0310	1.0309	-0.0001	0.9984	0.9984	0.0000
2024-01-31T11:23:09	1	0	11	10	1	1.0496	1.0489	-0.0007	0.9982	0.9982	0.0000
2024-01-31T11:25:52	1	0	80	80	0	0.9387	0.9388	0.0001	-0.9945	-0.9944	-0.0001
2024-01-31T11:28:37	2	0	7	7	0	1.0425	1.0424	-0.0001	0.9969	0.9968	0.0001
2024-01-31T11:30:10	1	0	1	0	1	1.0576	null	null	-0.9975	-0.9974	-0.0001
2024-01-31T11:31:19	1	0	1	1	0	1.0285	1.0283	-0.0002	0.9683	0.9678	0.0005
2024-01-31T11:31:28	2	0	3	3	0	1.0584	1.0583	-0.0001	0.9875	0.9874	0.0001
2024-01-31T11:32:14	2	0	3	2	1	1.0065	1.0390	0.0325	0.9793	0.9793	0.0000
2024-01-31T11:32:28	9	0	11	11	0	1.0493	1.0492	0.0000	0.9997	0.9997	0.0000
2024-01-31T11:32:51	3	0	56	55	1	1.0214	1.0213	-0.0001	0.9527	0.9527	0.0000
2024-01-31T11:33:27	6	0	5	6	-1	0.9778	0.9722	-0.0056	0.9423	0.9423	0.0000
2024-01-31T11:33:51	1	0	5	5	0	1.0518	1.0518	-0.0001	0.9965	0.9965	0.0000
2024-01-31T11:34:01	1	0	1	1	0	1.0416	1.0416	0.0000	-0.9989	-0.9989	0.0000
2024-01-31T11:34:14	1	0	1	1	0	1.0251	1.0251	0.0000	0.9816	0.981	0.0006
2024-01-31T11:34:50	2	0	12	12	0	1.0502	1.0500	-0.0002	0.9678	0.9666	0.0012
2024-01-31T11:35:15	4	0	19	18	1	1.0440	1.0431	-0.0009	0.9516	0.9516	0.0000
2024-01-31T11:35:37	1	0	1	1	0	0.9330	0.9330	0.0000	0.9999	0.9999	0.0000
2024-01-31T11:36:52	3	0	2	2	0	1.0261	1.0256	-0.0005	0.9919	0.992	-0.0001
2024-01-31T11:36:53	4	0	6	7	-1	0.9586	0.9562	-0.0024	0.9856	0.985	0.0006
2024-01-31T11:37:25	4	0	8	8	0	1.0474	1.0471	-0.0003	0.9953	0.9951	0.0002
2024-01-31T11:38:04	8	0	208	202	6	1.0604	1.0604	0.0000	-0.9814	-0.9814	0.0000
2024-01-31T11:39:37	1	0	3	3	0	1.0386	1.0386	0.0000	0.9996	0.9996	0.0000
2024-01-31T11:39:47	11	0	2	1	1	1.0562	1.0556	-0.0006	0.9978	0.9964	0.0014
2024-01-31T11:39:51	2	0	51	50	1	1.0486	1.0484	-0.0002	0.9948	0.9948	0.0000
2024-01-31T11:40:52	1	0	17	16	1	1.0508	1.0503	-0.0005	-0.9987	-0.9988	0.0001
2024-01-31T11:41:04	3	0	5	5	0	1.0428	1.0428	0.0000	0.9874	0.9873	0.0001
2024-01-31T11:41:40	3	0	50	50	0	1.0567	1.0565	-0.0002	-0.9999	-0.9999	0.0000
2024-01-31T11:42:30	2	0	80	80	0	1.0816	1.0802	-0.0014	-0.9894	-0.9855	-0.0039
2024-01-31T11:46:29	3	0	3	3	0	1.0564	1.0564	-0.0001	0.989	0.9889	0.0001
2024-01-31T11:48:33	1	0	100	97	3	1.0512	1.0510	-0.0002	0.9977	0.9977	0.0000
2024-01-31T11:48:37	11	0	17	17	0	1.0390	1.0218	-0.0172	-0.9896	-0.9897	0.0001
2024-01-31T11:49:15	1	0	1	1	0	1.0261	1.0261	0.0000	0.979	0.9784	0.0006
2024-01-31T11:49:53	1	0	10	10	0	1.0506	1.0505	-0.0001	0.9596	0.9593	0.0003
2024-01-31T11:50:38	1	0	1	1	0	0.9310	0.9310	0.0000	0.9999	0.9999	0.0000
2024-01-31T11:50:46	1	0	9	9	0	1.0520	1.0518	-0.0002	-0.7964	-0.7977	0.0013
2024-01-31T11:53:05	1	0	170	168	2	1.0589	1.0589	0.0000	-0.983	-0.983	0.0000
2024-01-31T11:53:18	5	0	4	6	-2	0.9406	0.9415	0.0009	0.9994	0.9993	0.0001
2024-01-31T11:54:38	2	0	1	1	0	1.0425	1.0425	0.0000	0.9997	0.9997	0.0000
2024-01-31T11:55:59	1	0	15	14	1	1.0505	1.0499	-0.0006	-0.9987	-0.9987	0.0000
2024-01-31T11:57:31	2	0	1	1	0	1.0611	1.0611	0.0000	-0.9833	-0.9832	-0.0001
2024-01-31T11:58:39	2	0	7	8	-1	1.0446	1.0448	0.0001	0.9965	0.9966	-0.0001
2024-01-31T12:00:12	1	0	1	0	1	1.0582	null	null	-0.998	-0.9979	-0.0001
2024-01-31T12:01:21	1	0	1	2	-1	1.0342	1.0333	-0.0009	0.9817	0.9816	0.0001
2024-01-31T12:03:38	2	0	109	106	3	1.0514	1.0512	-0.0002	0.9976	0.9976	0.0000
2024-01-31T12:06:56	1	0	15	14	1	1.0493	1.0488	-0.0005	-0.9991	-0.9991	0.0000
2024-01-31T12:07:02	7	0	2	2	0	1.0168	1.0163	-0.0005	0.9915	0.9914	0.0001
2024-01-31T12:07:27	4	0	7	8	-1	1.0486	1.0484	-0.0001	0.9959	0.9959	0.0000
2024-01-31T12:08:06	8	0	237	233	4	1.0608	1.0608	0.0000	-0.9789	-0.9789	0.0000
2024-01-31T12:09:39	2	0	7	7	0	1.0458	1.0458	0.0000	0.9998	0.9998	0.0000
2024-01-31T12:11:06	1	0	17	17	0	1.0515	1.0513	-0.0003	-0.9982	-0.9982	0.0000
2024-01-31T12:15:13	3	0	3	3	0	1.0087	1.0078	-0.0009	0.9818	0.9816	0.0002
2024-01-31T12:18:43	1	0	117	116	1	1.0523	1.0522	-0.0001	0.9978	0.9978	0.0000
2024-01-31T12:18:46	2	0	6	6	0	1.0386	1.0368	-0.0018	0.9633	0.9615	0.0018
2024-01-31T12:19:17	1	0	1	1	0	1.0282	1.0282	0.0000	0.9829	0.9828	0.0001
2024-01-31T12:19:57	1	0	14	15	-1	1.0529	1.0528	-0.0001	0.9734	0.9733	0.0001
2024-01-31T12:23:20	5	0	5	6	-1	0.9410	0.9413	0.0003	0.999	0.999	0.0000
2024-01-31T12:27:58	1	0	3	3	0	1.0683	1.0683	0.0000	0.9859	0.9859	0.0000
2024-01-31T12:29:15	2	0	1	0	1	1.0552	null	null	-0.9476	-0.9473	-0.0003
2024-01-31T12:32:18	2	0	2	1	1	0.9811	1.0235	0.0424	0.9864	0.9864	0.0000
2024-01-31T12:42:34	2	0	3	4	-1	1.0582	1.0579	-0.0003	-0.9864	-0.9905	0.0041
2024-01-31T12:50:42	1	0	3	3	0	0.9966	0.9965	-0.0001	-1	-1	0.0000
2024-01-31T12:54:42	2	0	1	1	0	1.0454	1.0454	0.0000	0.9995	0.9995	0.0000
2024-01-31T12:54:52	11	0	1	2	-1	1.0585	1.0572	-0.0013	0.9978	0.9977	0.0001
2024-01-31T12:59:23	1	0	14	14	0	1.0460	1.0460	0.0000	-0.9993	-0.9993	0.0000
2024-01-31T13:03:07	2	0	3	2	1	1.0487	1.0450	-0.0037	0.975	0.975	0.0000
2024-01-31T13:03:37	6	0	1	1	0	1.0644	1.0604	-0.0040	0.9713	0.971	0.0003
2024-01-31T13:05:52	1	0	1	1	0	1.0801	1.0801	0.0000	-0.8494	-0.8478	-0.0016
2024-01-31T13:20:22	2	0	26	26	0	1.0491	1.0492	0.0001	0.9554	0.9557	-0.0003

2024-01-31T13:23:11	2	0	214	215	-1	1.0603	1.0603	0.0000	-0.9785	-0.9785	0.0000
2024-01-31T13:32:25	1	0	81	80	1	1.0550	1.0549	0.0000	0.9916	0.9916	0.0000
2024-01-31T13:34:09	1	0	1	1	0	1.0358	1.0358	0.0000	-1	-1	0.0000
2024-01-31T13:38:12	9	0	261	252	9	1.0612	1.0611	-0.0001	-0.976	-0.9762	0.0002
2024-01-31T13:41:03	2	0	7	7	0	0.9899	0.9798	-0.0101	-0.9858	-0.9873	0.0015
2024-01-31T13:48:45	10	0	5	6	-1	0.9405	0.9411	0.0005	-0.9987	-0.9987	0.0000
2024-01-31T13:50:46	1	0	2	2	0	0.9741	0.9742	0.0001	-1	-1	0.0000
2024-01-31T13:53:19	1	0	12	12	0	1.0505	1.0504	-0.0001	0.9982	0.9981	0.0001
2024-01-31T13:59:27	1	0	28	27	1	1.0487	1.0484	-0.0002	-0.9973	-0.9973	0.0000
2024-01-31T14:00:20	7	0	6	6	0	0.9686	0.9682	-0.0005	0.9786	0.9784	0.0002
2024-01-31T14:03:41	1	0	1	1	0	1.0575	1.0573	-0.0002	0.9522	0.952	0.0002
2024-01-31T14:03:46	1	0	2	2	0	0.9394	0.9396	0.0001	-0.9987	-0.9986	-0.0001
2024-01-31T14:04:10	1	0	1	1	0	1.0178	1.0175	-0.0003	0.9964	0.9964	0.0000
2024-01-31T14:05:05	2	0	16	15	1	1.0536	1.0532	-0.0004	0.9779	0.9767	0.0012
2024-01-31T14:05:20	3	0	2	2	0	1.0322	1.0319	-0.0003	-0.9996	-0.9996	0.0000
2024-01-31T14:07:35	3	0	5	5	0	1.0517	1.0517	-0.0001	0.995	0.9949	0.0001
2024-01-31T14:08:27	5	0	1	0	1	0.9448	null	null	0.9967	0.9968	-0.0001
2024-01-31T14:09:57	3	0	1	1	0	1.0564	1.0558	-0.0006	0.998	0.9978	0.0002
2024-01-31T14:11:24	1	0	85	84	1	1.0544	1.0543	0.0000	0.9936	0.9936	0.0000
2024-01-31T14:12:27	1	0	2	2	0	1.0100	1.0100	0.0000	0.9742	0.9741	0.0001
2024-01-31T14:13:07	1	0	4	5	-1	0.9618	0.9582	-0.0035	0.9989	0.9989	0.0000
2024-01-31T14:13:49	1	0	10	10	0	1.0470	1.0470	0.0000	0.9973	0.9973	0.0000
2024-01-31T14:14:15	1	0	20	19	1	1.0483	1.0477	-0.0005	0.9973	0.9973	0.0000
2024-01-31T14:14:28	1	0	30	29	1	1.0482	1.0480	-0.0003	-0.998	-0.998	0.0000
2024-01-31T14:15:21	1	0	2	2	0	1.0264	1.0264	-0.0001	-0.9959	-0.996	0.0001
2024-01-31T14:15:51	8	0	2	2	0	1.0166	1.0149	-0.0018	0.9579	0.934	0.0239
2024-01-31T14:16:10	2	0	1	1	0	1.0273	1.0265	-0.0008	0.9672	0.9666	0.0006
2024-01-31T14:16:10	5	0	5	5	0	1.0214	1.0213	0.0000	0.9971	0.9971	0.0000
2024-01-31T14:17:45	9	0	41	40	1	1.0535	1.0531	-0.0004	1	1	0.0000
2024-01-31T14:18:29	2	0	24	12	12	0.9654	0.9696	0.0042	0.9909	0.9911	-0.0002
2024-01-31T14:18:42	3	0	2	2	0	1.0016	1.0015	-0.0001	0.9473	0.9472	0.0001
2024-01-31T14:18:47	11	0	4	3	1	1.0161	1.0056	-0.0104	-0.9988	-0.9988	0.0000
2024-01-31T14:19:17	1	0	13	13	0	1.0556	1.0554	-0.0002	0.9971	0.9971	0.0000
2024-01-31T14:20:06	2	0	18	17	1	1.0524	1.0521	-0.0003	0.9902	0.9892	0.0010
2024-01-31T14:20:21	4	0	12	11	1	1.0434	1.0423	-0.0011	-0.9935	-0.9936	0.0001
2024-01-31T14:20:28	2	0	7	10	-3	0.9416	0.9423	0.0007	0.9928	0.9926	0.0002
2024-01-31T14:20:49	1	0	4	4	0	1.0072	1.0070	-0.0002	-1	-1	0.0000
2024-01-31T14:22:36	3	0	6	6	0	1.0398	1.0398	-0.0001	0.9936	0.9935	0.0001
2024-01-31T14:23:28	5	0	2	2	0	0.9426	0.9431	0.0005	0.9971	0.9971	0.0000
2024-01-31T14:24:23	1	0	1	1	0	1.0552	1.0552	0.0000	0.9819	0.9818	0.0001
2024-01-31T14:25:07	3	0	1	1	0	1.0557	1.0552	-0.0005	0.9979	0.9978	0.0001
2024-01-31T14:25:44	2	0	1	1	0	1.0056	1.0039	-0.0017	0.9992	0.9991	0.0001
2024-01-31T14:26:51	3	0	45	45	0	1.0556	1.0556	-0.0001	1	1	0.0000
2024-01-31T14:26:57	1	0	17	16	1	1.0505	1.0499	-0.0006	-0.9978	-0.9978	0.0000
2024-01-31T14:27:41	1	0	81	81	0	1.1339	1.1331	-0.0008	-0.9809	-0.9809	0.0000
2024-01-31T14:28:08	1	0	1	1	0	0.9435	0.9436	0.0001	0.9994	0.9994	0.0000
2024-01-31T14:28:50	1	0	10	10	0	1.0463	1.0463	0.0000	0.9978	0.9978	0.0000
2024-01-31T14:30:22	1	0	2	2	0	1.0272	1.0272	-0.0001	-0.9955	-0.9955	0.0000
2024-01-31T14:30:40	1	0	10	10	0	1.0483	1.0481	-0.0002	0.9997	0.9997	0.0000
2024-01-31T14:30:52	8	0	5	4	1	1.0442	1.0395	-0.0047	0.9592	0.9555	0.0037
2024-01-31T14:31:11	2	0	1	1	0	1.0259	1.0257	-0.0002	0.9685	0.9684	0.0001
2024-01-31T14:31:11	4	0	4	4	0	1.0222	1.0221	-0.0001	0.9965	0.9965	0.0000
2024-01-31T14:31:58	1	0	3	3	0	1.0364	1.0362	-0.0001	0.9979	0.9978	0.0001
2024-01-31T14:32:26	2	0	1	1	0	1.0142	1.0129	-0.0013	0.9886	0.9885	0.0001
2024-01-31T14:32:30	1	0	1	1	0	1.0584	1.0583	-0.0001	0.9773	0.9773	0.0000
2024-01-31T14:32:55	8	0	45	44	1	1.0530	1.0522	-0.0007	1	1	0.0000
2024-01-31T14:32:56	1	0	1	0	1	1.0305	null	null	0.9959	0.996	-0.0001
2024-01-31T14:33:03	2	0	40	39	1	1.0557	1.0556	-0.0001	0.9576	0.9575	0.0001
2024-01-31T14:33:30	1	0	5	5	0	1.0475	1.0474	-0.0001	0.9915	0.9915	0.0000
2024-01-31T14:33:43	6	0	4	4	0	0.9872	0.9880	0.0008	0.942	0.9426	-0.0006
2024-01-31T14:33:49	9	0	3	3	0	1.0070	1.0063	-0.0007	-0.9995	-0.9995	0.0000
2024-01-31T14:33:52	1	0	2	2	0	1.0324	1.0321	-0.0002	0.9816	0.9815	0.0001
2024-01-31T14:34:07	1	0	1	1	0	1.0363	1.0359	-0.0004	0.995	0.9949	0.0001
2024-01-31T14:34:13	1	0	2	2	0	1.0326	1.0324	-0.0003	0.9998	0.9998	0.0000
2024-01-31T14:34:25	3	0	14	14	0	1.0558	1.0555	-0.0004	0.9963	0.9962	0.0001
2024-01-31T14:34:54	3	0	1	0	1	1.0453	null	null	0.9824	0.982	0.0004
2024-01-31T14:35:08	2	0	5	5	0	1.0471	1.0469	-0.0002	0.9984	0.9983	0.0001
2024-01-31T14:35:09	2	0	18	18	0	1.0526	1.0525	-0.0002	0.9916	0.9905	0.0011
2024-01-31T14:35:27	3	0	19	18	1	1.0430	1.0427	-0.0003	0.9476	0.9465	0.0011
2024-01-31T14:35:50	1	0	3	3	0	0.9977	0.9976	-0.0001	-1	-1	0.0000
2024-01-31T14:35:58	3	0	2	2	0	1.0663	1.0652	-0.0010	-0.9237	-0.9308	0.0071
2024-01-31T14:37:05	2	0	21	20	1	0.9410	0.9413	0.0002	0.9898	0.9896	0.0002
2024-01-31T14:37:18	8	0	4	2	2	0.9785	0.9981	0.0196	0.9886	0.9883	0.0003
2024-01-31T14:37:37	4	0	13	13	0	1.0495	1.0494	-0.0001	0.9965	0.9965	0.0000
2024-01-31T14:41:09	2	0	6	5	1	0.9567	0.9590	0.0023	-0.9959	-0.9943	-0.0016
2024-01-31T14:41:52	3	0	48	48	0	1.0559	1.0558	0.0000	0.9998	0.9998	0.0000
2024-01-31T14:42:04	1	0	19	18	1	1.0501	1.0496	-0.0005	-0.9979	-0.9979	0.0000
2024-01-31T14:43:07	1	0	2	2	0	1.0596	1.0595	-0.0002	0.9781	0.978	0.0001
2024-01-31T14:43:50	1	0	10	10	0	1.0486	1.0486	0.0000	0.9969	0.9969	0.0000
2024-01-31T14:44:17	1	0	20	20	0	1.0472	1.0471	-0.0001	0.998	0.9979	0.0001
2024-01-31T14:44:37	2	0	30	30	0	1.0475	1.0475	0.0000	-0.9983	-0.9983	0.0000
2024-01-31T14:45:23	1	0	2	2	0	1.0342	1.0342	0.0000	-0.995	-0.995	0.0000
2024-01-31T14:45:23	10	0	6	6	0	0.9710	0.9698	-0.0011	0.9797	0.9791	0.0006
2024-01-31T14:45:41	1	0	10	10	0	1.0483	1.0483	0.0000	-1	-1	0.0000
2024-01-31T14:46:41	3	0	7	7	0	1.0567	1.0566	-0.0001	0.9889	0.9888	0.0001

2024-01-31T14:48:38	2	0	15	13	2	1.0469	1.0467	-0.0003	-0.9805	-0.9849	0.0044
2024-01-31T14:50:12	1	0	23	21	2	1.0537	1.0534	-0.0004	0.9945	0.9937	0.0008
2024-01-31T14:50:30	2	0	1	1	0	0.9363	0.9367	0.0004	0.9991	0.9991	0.0000
2024-01-31T14:50:48	1	0	6	6	0	1.0491	1.0490	-0.0002	-0.9933	-0.9939	0.0006
2024-01-31T14:50:53	3	0	1	0	1	1.0553	null	null	0.9997	0.9996	0.0001
2024-01-31T14:51:19	2	0	4	4	0	1.0342	1.0340	-0.0002	0.9869	0.987	-0.0001
2024-01-31T14:51:45	2	0	7	7	0	1.0456	1.0455	-0.0001	-0.9993	-0.9994	0.0001
2024-01-31T14:52:06	3	0	42	41	1	0.9458	0.9378	-0.0080	0.9898	0.9895	0.0003
2024-01-31T14:55:18	4	0	1	1	0	1.0553	1.0552	-0.0001	0.9982	0.9982	0.0000
2024-01-31T14:56:12	2	0	4	4	0	0.9626	0.9631	0.0005	-0.9971	-0.9958	-0.0013
2024-01-31T14:57:11	2	0	22	20	2	1.0475	1.0477	0.0001	-0.9986	-0.9986	0.0000
2024-01-31T14:58:18	1	0	9	9	0	1.0457	1.0456	-0.0001	0.9937	0.9937	0.0000
2024-01-31T14:59:37	1	0	31	31	0	1.0537	1.0537	0.0000	0.9997	0.9997	0.0000
2024-01-31T14:59:56	1	0	1	1	0	1.0143	1.0139	-0.0004	0.9833	0.9832	0.0001
2024-01-31T15:03:05	1	0	31	31	0	1.0504	1.0504	0.0000	0.9997	0.9997	0.0000
2024-01-31T15:03:05	2	0	58	57	1	1.0601	1.0600	-0.0001	0.9606	0.9605	0.0001
2024-01-31T15:03:39	1	0	12	10	2	1.0516	1.0503	-0.0013	-0.98	-0.9842	0.0042
2024-01-31T15:05:15	1	0	19	18	1	1.0531	1.0527	-0.0003	0.9898	0.9889	0.0009
2024-01-31T15:05:54	4	0	1	1	0	1.0463	1.0450	-0.0013	0.9998	0.9996	0.0002
2024-01-31T15:07:21	1	0	80	80	0	1.0553	1.0553	0.0000	0.9936	0.9936	0.0000
2024-01-31T15:10:47	2	0	1	1	0	1.0079	1.0077	-0.0002	0.9996	0.9995	0.0001
2024-01-31T15:13:52	1	0	9	9	0	1.0440	1.0440	0.0000	0.9967	0.9951	0.0016
2024-01-31T15:14:38	1	0	21	21	0	1.0522	1.0522	0.0000	0.9999	0.9999	0.0000
2024-01-31T15:14:57	1	0	2	2	0	1.0164	1.0160	-0.0003	0.9837	0.9836	0.0001
2024-01-31T15:15:55	8	0	20	9	11	1.0506	1.0426	-0.0080	0.9537	0.9579	-0.0042
2024-01-31T15:16:14	1	0	4	4	0	1.0176	1.0176	-0.0001	0.9969	0.9969	0.0000
2024-01-31T15:18:06	2	0	24	23	1	1.0443	1.0444	0.0001	0.9997	0.9996	0.0001
2024-01-31T15:18:33	1	0	5	5	0	1.0047	1.0048	0.0001	0.9917	0.9918	-0.0001
2024-01-31T15:18:40	1	0	20	19	1	1.0509	1.0497	-0.0012	-0.9791	-0.9797	0.0006
2024-01-31T15:19:15	1	0	1	1	0	1.0188	1.0186	-0.0002	0.997	0.997	0.0000
2024-01-31T15:20:07	1	0	2	2	0	1.0267	1.0265	-0.0002	0.9783	0.9782	0.0001
2024-01-31T15:20:17	1	0	25	23	2	1.0546	1.0543	-0.0003	0.9947	0.994	0.0007
2024-01-31T15:22:22	2	0	86	85	1	1.0544	1.0545	0.0001	0.9935	0.9935	0.0000
2024-01-31T15:22:41	2	0	3	0	3	0.9588	null	null	0.9881	0.9881	0.0000
2024-01-31T15:23:32	5	0	24	22	2	0.9405	0.9407	0.0002	0.9884	0.9884	0.0000
2024-01-31T15:27:45	1	0	5	6	-1	1.0559	1.0523	-0.0036	-0.9929	-0.9889	-0.0040
2024-01-31T15:29:39	1	0	20	20	0	1.0521	1.0521	0.0000	0.9999	0.9999	0.0000
2024-01-31T15:30:56	7	0	2	2	0	1.0200	1.0168	-0.0032	0.9129	0.9075	0.0054
2024-01-31T15:32:18	2	0	5	5	0	1.0400	1.0398	-0.0002	-0.9992	-0.9992	0.0000
2024-01-31T15:33:41	1	0	12	11	1	1.0493	1.0482	-0.0011	-0.9793	-0.9799	0.0006
2024-01-31T15:37:42	17	0	3	0	3	0.9551	null	null	0.9881	0.9885	-0.0004
2024-01-31T15:41:20	1	0	3	3	0	1.0377	1.0375	-0.0001	0.9917	0.9917	0.0000
2024-01-31T15:44:40	1	0	23	23	0	1.0530	1.0530	0.0000	0.9999	0.9999	0.0000
2024-01-31T15:44:55	1	0	46	44	2	1.0506	1.0504	-0.0002	-0.9965	-0.9965	0.0000
2024-01-31T15:48:42	1	0	7	6	1	1.0492	1.0476	-0.0016	-0.9798	-0.9804	0.0006
2024-01-31T15:56:19	1	0	17	18	-1	0.9449	0.9450	0.0001	-0.9899	-0.9895	-0.0004
2024-01-31T15:58:14	1	0	8	8	0	0.9414	0.9415	0.0001	0.9967	0.9967	0.0000
2024-01-31T16:00:04	1	0	28	28	0	1.0495	1.0495	0.0000	-0.9974	-0.9974	0.0000
2024-01-31T16:02:32	1	0	3	4	-1	1.0308	1.0093	-0.0215	0.9862	0.9862	0.0000
2024-01-31T16:03:36	1	0	81	75	6	0.9470	0.9482	0.0012	0.9924	0.9927	-0.0003
2024-01-31T16:03:43	1	0	8	8	0	1.0478	1.0473	-0.0005	-0.9839	-0.9843	0.0004
2024-01-31T16:05:41	2	0	34	33	1	1.0463	1.0470	0.0007	-0.9986	-0.9987	0.0001
2024-01-31T16:10:23	1	0	51	35	16	0.9421	0.9425	0.0004	0.999	0.999	0.0000
2024-01-31T16:18:44	1	0	7	7	0	1.0470	1.0465	-0.0004	-0.9864	-0.9867	0.0003
2024-01-31T16:29:43	1	0	13	13	0	1.0497	1.0496	-0.0001	0.9998	0.9992	0.0006
2024-01-31T16:33:45	1	0	15	15	0	1.0472	1.0470	-0.0002	-0.9876	-0.9876	0.0000
2024-01-31T16:44:47	1	0	17	17	0	1.0512	1.0512	0.0000	0.9998	0.9998	0.0000
2024-01-31T16:48:46	1	0	4	4	0	1.0479	1.0475	-0.0004	-0.9888	-0.9887	-0.0001
2024-01-31T16:52:28	3	0	108	108	0	1.0434	1.0435	0.0000	0.9845	0.9842	0.0003
2024-01-31T16:52:47	8	0	5	5	0	1.0318	1.0298	-0.0019	0.9916	0.9917	-0.0001
2024-01-31T16:59:48	1	0	16	16	0	1.0502	1.0502	0.0000	0.9999	0.9999	0.0000
2024-01-31T17:03:47	1	0	2	2	0	1.0470	1.0468	-0.0003	-0.991	-0.9909	-0.0001
2024-01-31T17:07:08	1	0	1	1	0	1.0226	1.0217	-0.0009	-0.976	-0.9762	0.0002
2024-01-31T17:09:55	2	0	4	4	0	1.0378	1.0378	0.0000	-0.9911	-0.9911	0.0000
2024-02-01T07:51:32	1	0	122	121	1	0.9653	0.9653	0.0000	0.9948	0.9949	-0.0001
2024-02-01T07:51:38	1	0	126	126	0	0.9271	0.9272	0.0001	0.9888	0.9865	0.0023
2024-02-01T07:55:23	1	0	81	81	0	0.9334	0.9335	0.0001	-0.9961	-0.9959	-0.0002
2024-02-01T08:01:50	1	0	155	155	0	0.9181	0.9181	0.0000	0.9961	0.996	0.0001
2024-02-01T08:05:13	2	0	59	55	4	0.9422	0.9422	0.0000	0.9943	0.9943	0.0000
2024-02-01T08:06:33	2	0	131	130	1	1.0436	1.0497	0.0061	0.985	0.985	0.0000
2024-02-01T08:06:39	1	0	106	106	0	0.9155	0.9156	0.0001	0.9857	0.9857	0.0000
2024-02-01T08:11:45	2	0	37	37	0	1.0562	1.0562	-0.0001	1	1	0.0000
2024-02-01T08:16:50	1	0	144	144	0	0.9236	0.9236	0.0001	0.9963	0.9962	0.0001
2024-02-01T08:18:22	1	0	71	67	4	0.9439	0.9440	0.0001	0.9911	0.9913	-0.0002
2024-02-01T08:21:21	1	0	49	49	0	1.0222	1.0222	0.0000	-0.9994	-0.9994	0.0000
2024-02-01T08:29:18	5	0	53	47	6	1.0547	1.0546	-0.0001	0.9966	0.9965	0.0001
2024-02-01T08:32:08	1	0	131	131	0	0.9257	0.9257	0.0000	0.9975	0.9975	0.0000
2024-02-01T08:36:35	3	0	138	134	4	0.9999	1.0000	0.0002	0.984	0.9841	-0.0001
2024-02-01T08:41:47	2	0	81	76	5	1.0524	1.0522	-0.0001	0.9999	0.9999	0.0000
2024-02-01T08:44:19	1	0	31	31	0	1.0533	1.0533	0.0000	0.9966	0.9967	-0.0001
2024-02-01T08:45:18	3	0	6	6	0	0.9708	0.9706	-0.0003	0.9909	0.9909	0.0000
2024-02-01T08:51:35	2	0	7	7	0	1.0342	1.0342	-0.0001	0.9997	0.9997	0.0000
2024-02-01T08:59:20	1	0	44	45	-1	1.0555	1.0555	-0.0001	0.9965	0.9964	0.0001
2024-02-01T09:00:29	3	0	18	18	0	1.0482	1.0482	0.0000	0.9969	0.9969	0.0000
2024-02-01T09:02:23	5	0	53	52	1	1.0531	1.0530	0.0000	0.9807	0.9807	0.0000

2024-02-01T09:03:27	1	0	53	53	0	0.9344	0.9344	0.0000	-0.9987	-0.9987	0.0000
2024-02-01T09:05:17	2	0	44	40	4	0.9415	0.9418	0.0004	0.9927	0.9928	-0.0001
2024-02-01T09:06:35	1	0	1	1	0	0.9437	0.9442	0.0005	1	1	0.0000
2024-02-01T09:06:37	6	0	111	107	4	1.0028	1.0024	-0.0004	0.9846	0.9846	0.0000
2024-02-01T09:06:43	2	0	98	97	1	0.9256	0.9261	0.0005	0.9871	0.9868	0.0003
2024-02-01T09:10:28	1	0	89	89	0	0.9391	0.9391	0.0000	-0.9974	-0.9973	-0.0001
2024-02-01T09:12:03	8	0	78	77	1	1.0587	1.0586	-0.0001	0.9999	0.9999	0.0000
2024-02-01T09:12:24	1	0	3	3	0	1.0340	1.0339	-0.0001	0.9997	0.9997	0.0000
2024-02-01T09:15:20	3	0	5	5	0	0.9812	0.9808	-0.0005	0.9926	0.9917	0.0009
2024-02-01T09:17:10	1	0	114	113	1	0.9303	0.9303	0.0000	0.9972	0.9972	0.0000
2024-02-01T09:20:17	1	0	9	9	0	1.0429	1.0428	-0.0001	0.9571	0.957	0.0001
2024-02-01T09:22:34	2	0	8	8	0	0.9463	0.9471	0.0007	0.9827	0.9824	0.0003
2024-02-01T09:24:20	1	0	64	64	0	0.9272	0.9275	0.0002	-0.9999	-0.9999	0.0000
2024-02-01T09:27:04	4	0	85	66	19	1.0584	1.0579	-0.0005	0.9999	0.9998	0.0001
2024-02-01T09:27:49	1	0	3	3	0	0.9433	0.9437	0.0004	0.9991	0.9991	0.0000
2024-02-01T09:28:53	1	0	4	4	0	1.0463	1.0463	-0.0001	-0.9961	-0.9961	0.0000
2024-02-01T09:29:22	4	0	24	20	4	1.0518	1.0515	-0.0003	0.9972	0.9972	0.0000
2024-02-01T09:30:32	2	0	1	1	0	0.9833	0.9840	0.0007	0.9989	0.999	-0.0001
2024-02-01T09:32:11	1	0	72	71	1	1.0513	1.0513	0.0000	0.9996	0.9997	-0.0001
2024-02-01T09:33:27	2	0	75	74	1	0.9796	0.9803	0.0007	0.9903	0.9905	-0.0002
2024-02-01T09:33:46	1	0	22	20	2	1.0492	1.0482	-0.0010	0.9993	0.9993	0.0000
2024-02-01T09:34:54	2	0	15	13	2	1.0563	1.0561	-0.0003	-0.8856	-0.8853	-0.0003
2024-02-01T09:36:38	3	0	4	4	0	1.0319	1.0294	-0.0025	0.9998	0.9998	0.0000
2024-02-01T09:36:39	1	0	137	135	2	1.0045	1.0044	-0.0001	0.9841	0.9841	0.0000
2024-02-01T09:37:35	1	0	7	7	0	0.9478	0.9481	0.0003	0.9832	0.9828	0.0004
2024-02-01T09:38:15	1	0	167	166	1	1.0583	1.0583	0.0000	-0.9802	-0.9801	-0.0001
2024-02-01T09:39:21	2	0	3	2	1	1.0420	1.0397	-0.0022	0.9974	0.9972	0.0002
2024-02-01T09:42:43	1	0	64	63	1	0.9938	0.9927	-0.0011	0.9379	0.9378	0.0001
2024-02-01T09:44:03	2	0	5	5	0	1.0415	1.0414	-0.0001	-0.9962	-0.9963	0.0001
2024-02-01T09:45:22	3	0	5	5	0	0.9819	0.9818	-0.0001	0.9921	0.9912	0.0009
2024-02-01T09:45:38	1	0	17	17	0	1.0483	1.0483	0.0000	0.9878	0.9877	0.0001
2024-02-01T09:45:46	1	0	23	23	0	1.0505	1.0504	-0.0001	0.9796	0.9794	0.0002
2024-02-01T09:45:51	8	0	6	7	-1	1.0215	1.0213	-0.0002	0.9986	0.9985	0.0001
2024-02-01T09:46:26	1	0	3	3	0	1.0178	1.0179	0.0001	-0.9876	-0.9876	0.0000
2024-02-01T09:46:54	2	0	9	9	0	1.0388	1.0387	-0.0001	0.9933	0.9932	0.0001
2024-02-01T09:47:12	5	0	124	117	7	1.0514	1.0513	-0.0001	0.9998	0.9998	0.0000
2024-02-01T09:48:28	1	0	13	12	1	1.0467	1.0465	-0.0002	-0.9957	-0.996	0.0003
2024-02-01T09:48:47	1	0	20	18	2	1.0489	1.0479	-0.0010	0.9993	0.9993	0.0000
2024-02-01T09:49:47	2	0	1	1	0	1.0292	1.0286	-0.0006	0.9754	0.9753	0.0001
2024-02-01T09:50:19	1	0	16	16	0	1.0519	1.0517	-0.0002	0.9541	0.9626	-0.0085
2024-02-01T09:50:32	1	0	3	3	0	0.9999	0.9997	-0.0002	1	1	0.0000
2024-02-01T09:51:39	2	0	1	1	0	1.0173	1.0167	-0.0006	0.9997	0.9997	0.0000
2024-02-01T09:51:40	3	0	130	125	5	1.0027	1.0100	0.0074	0.9842	0.9843	-0.0001
2024-02-01T09:57:44	2	0	52	52	0	0.9749	0.9751	0.0002	0.937	0.9371	-0.0001
2024-02-01T09:58:06	1	0	18	18	0	1.0478	1.0477	-0.0001	0.9908	0.9908	0.0000
2024-02-01T09:58:27	2	0	2	2	0	1.0051	1.0048	-0.0003	-0.9933	-0.9933	0.0000
2024-02-01T09:59:04	1	0	5	5	0	1.0487	1.0487	-0.0001	-0.9971	-0.9971	0.0000
2024-02-01T09:59:24	4	0	18	17	1	1.0516	1.0512	-0.0004	0.997	0.9969	0.0001
2024-02-01T09:59:59	2	0	62	61	1	1.0531	1.0530	-0.0001	0.982	0.982	0.0000
2024-02-01T10:00:24	1	0	4	4	0	1.0407	1.0405	-0.0001	-0.9969	-0.9969	0.0000
2024-02-01T10:00:34	1	0	4	4	0	1.0443	1.0440	-0.0003	0.9134	0.9374	-0.0240
2024-02-01T10:01:27	1	0	3	3	0	1.0209	1.0211	0.0001	-0.9875	-0.9875	0.0000
2024-02-01T10:01:45	1	0	2	2	0	1.0248	1.0246	-0.0003	0.9965	0.9965	0.0000
2024-02-01T10:02:20	8	0	200	162	38	1.0526	1.0523	-0.0003	1	1	0.0000
2024-02-01T10:05:08	2	0	13	10	3	1.0563	1.0563	0.0000	-0.8752	-0.8757	0.0005
2024-02-01T10:05:41	1	0	2	2	0	1.0551	1.0549	-0.0002	-0.9781	-0.979	0.0009
2024-02-01T10:08:17	5	0	12	12	0	1.0332	1.0330	-0.0002	0.9994	0.9993	0.0001
2024-02-01T10:08:29	5	0	50	44	6	0.9359	0.9370	0.0011	0.9908	0.991	-0.0002
2024-02-01T10:12:07	7	0	64	61	3	1.0572	1.0568	-0.0004	-1	-1	0.0000
2024-02-01T10:12:28	1	0	3	3	0	1.0308	1.0307	-0.0001	0.9999	0.9999	0.0000
2024-02-01T10:12:45	2	0	45	44	1	1.0167	1.0157	-0.0009	0.9389	0.9389	0.0000
2024-02-01T10:13:29	1	0	20	20	0	1.0469	1.0468	-0.0001	0.9972	0.9971	0.0001
2024-02-01T10:14:25	2	0	21	21	0	1.0470	1.0469	0.0000	-0.9999	-0.9999	0.0000
2024-02-01T10:14:25	1	0	13	13	0	1.0506	1.0506	0.0000	0.9969	0.9969	0.0000
2024-02-01T10:15:00	1	0	47	46	1	1.0506	1.0505	-0.0001	0.9817	0.9817	0.0000
2024-02-01T10:16:28	1	0	3	3	0	1.0201	1.0199	-0.0002	-0.9861	-0.9861	0.0000
2024-02-01T10:16:31	1	0	32	31	1	1.0493	1.0491	-0.0002	0.9915	0.9915	0.0000
2024-02-01T10:17:28	2	0	35	34	1	1.0511	1.0510	-0.0001	0.9806	0.9806	0.0000
2024-02-01T10:17:30	1	0	2	2	0	1.0314	1.0313	-0.0001	0.9775	0.9775	0.0000
2024-02-01T10:17:32	2	0	123	116	7	1.0534	1.0533	-0.0001	0.9999	0.9999	0.0000
2024-02-01T10:21:29	2	0	6	6	0	0.9611	0.9610	-0.0001	0.9983	0.9982	0.0001
2024-02-01T10:21:48	2	0	97	96	1	0.9259	0.9259	0.0000	0.9888	0.9886	0.0002
2024-02-01T10:23:18	8	0	227	222	5	1.0594	1.0594	0.0000	-0.9763	-0.9763	0.0000
2024-02-01T10:24:24	4	0	37	37	0	1.0258	1.0258	0.0000	0.9707	0.9717	-0.0010
2024-02-01T10:26:36	3	0	44	41	3	1.0558	1.0556	-0.0002	-1	-1	0.0000
2024-02-01T10:27:08	2	0	59	58	1	1.0586	1.0585	-0.0001	-0.9999	-1	0.0001
2024-02-01T10:28:31	2	0	5	5	0	0.9861	0.9860	0.0000	0.9917	0.9916	0.0001
2024-02-01T10:28:34	1	0	1	1	0	1.0308	1.0295	-0.0013	0.9983	0.9983	0.0000
2024-02-01T10:29:26	1	0	26	26	0	1.0479	1.0479	0.0000	-0.9996	-0.9996	0.0000
2024-02-01T10:29:26	1	0	15	15	0	1.0515	1.0515	0.0000	0.9971	0.9971	0.0000
2024-02-01T10:30:01	2	0	65	63	2	1.0537	1.0535	-0.0002	0.98	0.98	0.0000
2024-02-01T10:30:36	6	0	46	39	7	1.0546	1.0539	-0.0008	0.9564	0.9574	-0.0010
2024-02-01T10:30:56	2	0	1	1	0	1.0235	1.0226	-0.0009	0.9722	0.9716	0.0006
2024-02-01T10:31:01	2	0	7	7	0	1.0229	1.0229	0.0000	0.9981	0.9981	0.0000
2024-02-01T10:32:38	1	0	267	256	11	1.0545	1.0545	-0.0001	0.9997	0.9997	0.0000

2024-02-01T10:33:33	1	0	14	15	-1	1.0554	1.0551	-0.0003	0.9963	0.9962	0.0001
2024-02-01T10:33:33	5	0	2	2	0	0.9566	0.9577	0.0012	0.9612	0.9614	-0.0002
2024-02-01T10:34:42	1	0	15	14	1	1.0505	1.0507	0.0003	0.9735	0.9722	0.0013
2024-02-01T10:35:22	3	0	29	27	2	1.0491	1.0490	-0.0001	0.9475	0.9474	0.0001
2024-02-01T10:37:39	2	0	1	1	0	1.0310	1.0303	-0.0007	0.9861	0.9854	0.0007
2024-02-01T10:38:19	19	0	319	298	21	1.0612	1.0611	-0.0001	-0.9751	-0.9755	0.0004
2024-02-01T10:39:36	3	0	2	0	2	1.0560	null	null	0.9963	0.9961	0.0002
2024-02-01T10:39:41	2	0	23	22	1	1.0484	1.0480	-0.0003	-0.9887	-0.9886	-0.0001
2024-02-01T10:39:46	2	0	60	59	1	1.0490	1.0489	-0.0001	0.9932	0.9932	0.0000
2024-02-01T10:40:43	1	0	13	12	1	1.0501	1.0494	-0.0007	-0.999	-0.9991	0.0001
2024-02-01T10:40:48	1	0	70	67	3	0.9401	0.9403	0.0003	-0.997	-0.9955	-0.0015
2024-02-01T10:41:14	1	0	3	3	0	1.0444	1.0443	-0.0002	0.9955	0.9954	0.0001
2024-02-01T10:44:27	1	0	36	35	1	1.0501	1.0499	-0.0001	-0.9991	-0.9991	0.0000
2024-02-01T10:44:27	1	0	2	2	0	1.0267	1.0265	-0.0002	0.985	0.9849	0.0001
2024-02-01T10:44:27	1	0	19	19	0	1.0510	1.0510	0.0000	0.9977	0.9978	-0.0001
2024-02-01T10:45:02	3	0	86	81	5	1.0540	1.0540	0.0000	0.9798	0.9797	0.0001
2024-02-01T10:45:26	3	0	5	5	0	0.9677	0.9673	-0.0004	0.9901	0.99	0.0001
2024-02-01T10:45:36	2	0	1	0	1	1.0410	null	null	0.9995	0.9995	0.0000
2024-02-01T10:46:02	1	0	8	8	0	1.0259	1.0258	-0.0001	0.999	0.999	0.0000
2024-02-01T10:46:46	1	0	39	38	1	1.0505	1.0503	-0.0002	-0.9831	-0.9831	0.0000
2024-02-01T10:47:30	5	0	56	51	5	1.0532	1.0529	-0.0003	0.9797	0.9795	0.0002
2024-02-01T10:47:41	1	0	2	2	0	1.0389	1.0387	-0.0002	0.9963	0.9963	0.0000
2024-02-01T10:47:51	3	0	249	231	18	1.0529	1.0526	-0.0004	0.9995	0.9995	0.0000
2024-02-01T10:48:32	1	0	15	15	0	1.0476	1.0472	-0.0003	-0.9951	-0.9953	0.0002
2024-02-01T10:48:34	1	0	4	4	0	0.9856	0.9855	-0.0001	0.9607	0.9606	0.0001
2024-02-01T10:48:41	1	0	1	1	0	1.0230	1.0227	-0.0003	0.9813	0.9812	0.0001
2024-02-01T10:48:44	1	0	8	8	0	1.0390	1.0389	-0.0001	-0.9908	-0.9909	0.0001
2024-02-01T10:48:51	4	0	6	5	1	1.0416	1.0401	-0.0014	0.9938	0.9937	0.0001
2024-02-01T10:49:37	3	0	4	2	2	1.0461	1.0460	-0.0001	0.9763	0.9758	0.0005
2024-02-01T10:49:45	1	0	18	18	0	1.0520	1.0518	-0.0001	0.9695	0.968	0.0015
2024-02-01T10:50:09	1	0	3	3	0	1.0524	1.0523	-0.0001	0.9951	0.9949	0.0002
2024-02-01T10:51:31	1	0	7	7	0	0.9782	0.9780	-0.0002	0.998	0.9979	0.0001
2024-02-01T10:55:13	2	0	2	2	0	0.9415	0.9420	0.0005	0.9893	0.9896	-0.0003
2024-02-01T10:56:14	2	0	18	16	2	1.0482	1.0487	0.0005	-0.9992	-0.9992	0.0000
2024-02-01T10:57:30	1	0	1	0	1	1.0561	null	null	-0.9878	-0.9878	0.0000
2024-02-01T10:57:53	1	0	3	3	0	1.0431	1.0429	-0.0002	0.9709	0.9708	0.0001
2024-02-01T10:58:32	1	0	28	28	0	1.0494	1.0494	0.0000	0.9984	0.9984	0.0000
2024-02-01T10:59:28	1	0	11	11	0	1.0476	1.0475	-0.0002	0.9997	0.9996	0.0001
2024-02-01T11:00:28	2	0	5	4	1	1.0392	1.0342	-0.0051	-0.9973	-0.9973	0.0000
2024-02-01T11:00:40	6	0	2	3	-1	1.0303	1.0279	-0.0024	0.9091	0.9298	-0.0207
2024-02-01T11:01:32	1	0	1	1	0	1.0312	1.0306	-0.0006	0.9705	0.9697	0.0008
2024-02-01T11:01:43	1	0	1	1	0	1.0393	1.0388	-0.0005	0.9961	0.9961	0.0000
2024-02-01T11:03:02	2	0	32	32	0	1.0509	1.0506	-0.0003	0.9998	0.9998	0.0000
2024-02-01T11:03:33	1	0	15	15	0	1.0474	1.0471	-0.0003	-0.9953	-0.9956	0.0003
2024-02-01T11:03:42	1	0	2	2	0	1.0279	1.0276	-0.0003	0.9777	0.9776	0.0001
2024-02-01T11:04:47	1	0	16	16	0	1.0507	1.0505	-0.0002	0.9791	0.9777	0.0014
2024-02-01T11:05:30	1	0	8	8	0	1.0312	1.0311	-0.0001	0.9988	0.9987	0.0001
2024-02-01T11:08:21	1	0	6	6	0	1.0344	1.0344	0.0000	0.9993	0.9993	0.0000
2024-02-01T11:08:49	4	0	2	0	2	1.0507	null	null	-0.9981	-0.9982	0.0001
2024-02-01T11:09:36	1	0	20	20	0	1.0474	1.0472	-0.0001	0.9988	0.9988	0.0000
2024-02-01T11:11:22	2	0	91	90	1	0.9332	0.9336	0.0004	-0.9957	-0.9955	-0.0002
2024-02-01T11:11:36	1	0	4	4	0	1.0508	1.0505	-0.0003	-0.9998	-0.9998	0.0000
2024-02-01T11:12:31	1	0	79	79	0	1.1483	1.1463	-0.0021	-0.977	-0.9772	0.0002
2024-02-01T11:15:28	1	0	6	6	0	0.9731	0.9730	-0.0001	0.9891	0.9891	0.0000
2024-02-01T11:15:29	1	0	5	4	1	1.0401	1.0352	-0.0048	-0.9973	-0.9974	0.0001
2024-02-01T11:15:38	1	0	10	10	0	1.0462	1.0460	-0.0002	0.9877	0.9877	0.0000
2024-02-01T11:15:43	8	0	9	9	0	1.0201	1.0197	-0.0003	0.9887	0.9886	0.0001
2024-02-01T11:17:32	5	0	47	45	2	1.0517	1.0515	-0.0002	0.9798	0.9798	0.0000
2024-02-01T11:17:32	1	0	1	0	1	1.0553	null	null	0.9741	0.9741	0.0000
2024-02-01T11:18:34	1	0	15	15	0	1.0479	1.0475	-0.0003	-0.9938	-0.9942	0.0004
2024-02-01T11:18:54	2	0	6	6	0	1.0365	1.0362	-0.0003	0.9944	0.9944	0.0000
2024-02-01T11:19:51	1	0	8	8	0	1.0505	1.0504	-0.0001	0.9442	0.9432	0.0010
2024-02-01T11:20:25	2	0	16	14	2	1.0446	1.0435	-0.0011	0.9558	0.9453	0.0105
2024-02-01T11:20:26	1	0	34	32	2	1.0493	1.0492	0.0000	-0.9983	-0.9983	0.0000
2024-02-01T11:21:33	3	0	1	0	1	1.0268	null	null	0.9269	0.9258	0.0011
2024-02-01T11:21:33	2	0	5	5	0	1.0368	1.0367	-0.0002	0.996	0.996	0.0000
2024-02-01T11:22:31	4	0	5	2	3	1.0374	1.0394	0.0020	0.9959	0.9957	0.0002
2024-02-01T11:22:46	1	0	1	0	1	1.0246	null	null	0.9731	0.9724	0.0007
2024-02-01T11:23:33	4	0	219	216	3	1.0601	1.0599	-0.0001	-0.9778	-0.9779	0.0001
2024-02-01T11:24:55	5	0	57	13	44	0.9421	0.9436	0.0014	-0.9985	-0.9981	-0.0004
2024-02-01T11:25:34	2	0	1	0	1	1.0043	null	null	0.9999	0.9999	0.0000
2024-02-01T11:26:26	1	0	73	69	4	0.9410	0.9410	-0.0001	-0.9942	-0.9941	-0.0001
2024-02-01T11:26:31	1	0	17	16	1	1.0480	1.0473	-0.0007	-0.9996	-0.9996	0.0000
2024-02-01T11:27:32	1	0	5	4	1	1.0554	1.0537	-0.0017	-0.9735	-0.9737	0.0002
2024-02-01T11:28:12	1	0	9	9	0	1.0495	1.0495	0.0000	0.9809	0.9809	0.0000
2024-02-01T11:30:46	7	0	14	12	2	1.0070	1.0174	0.0104	0.9879	0.9873	0.0006
2024-02-01T11:31:03	4	0	1	0	1	1.0222	null	null	0.9709	0.9708	0.0001
2024-02-01T11:31:06	1	0	24	24	0	1.0493	1.0493	0.0000	0.9773	0.9773	0.0000
2024-02-01T11:31:49	1	0	47	46	1	1.0509	1.0508	-0.0001	-0.9816	-0.9816	0.0000
2024-02-01T11:32:33	10	0	81	78	3	1.0544	1.0543	-0.0001	0.9788	0.9787	0.0001
2024-02-01T11:32:33	1	0	1	1	0	1.0560	1.0553	-0.0007	0.9747	0.9745	0.0002
2024-02-01T11:32:44	1	0	1	1	0	1.0465	1.0465	0.0000	0.9967	0.9968	-0.0001
2024-02-01T11:33:35	2	0	13	13	0	1.0469	1.0466	-0.0003	-0.9942	-0.9945	0.0003
2024-02-01T11:33:35	2	0	1	1	0	1.0429	1.0429	0.0000	0.993	0.9928	0.0002
2024-02-01T11:33:55	1	0	14	13	1	1.0553	1.0551	-0.0002	0.9994	0.9994	0.0000

2024-02-01T11:33:57	9	0	7	8	-1	1.0382	1.0393	0.0010	0.9942	0.9942	0.0000
2024-02-01T11:34:40	4	0	1	1	0	1.0452	1.0452	0.0000	0.9755	0.9755	0.0000
2024-02-01T11:34:51	2	0	14	14	0	1.0518	1.0517	-0.0002	0.9698	0.9685	0.0013
2024-02-01T11:35:12	1	0	9	9	0	1.0525	1.0525	0.0000	0.995	0.995	0.0000
2024-02-01T11:35:30	6	0	4	5	-1	1.0164	1.0224	0.0060	0.865	0.8659	-0.0009
2024-02-01T11:36:34	2	0	2	2	0	1.0415	1.0415	0.0000	0.9955	0.9956	-0.0001
2024-02-01T11:36:59	6	0	9	7	2	1.0095	1.0274	0.0179	0.9987	0.9989	-0.0002
2024-02-01T11:40:04	10	0	45	39	6	0.9428	0.9429	0.0001	-0.9969	-0.9969	0.0000
2024-02-01T11:40:26	1	0	13	13	0	1.0516	1.0516	0.0000	0.993	0.993	0.0000
2024-02-01T11:41:40	3	0	14	13	1	1.0518	1.0512	-0.0006	-0.9993	-0.9993	0.0000
2024-02-01T11:42:33	2	0	2	3	-1	1.0572	1.0532	-0.0040	-0.9815	-0.9814	-0.0001
2024-02-01T11:42:56	2	0	9	9	0	1.0549	1.0549	0.0000	0.9474	0.9474	0.0000
2024-02-01T11:42:58	1	0	2	2	0	1.0767	1.0767	0.0000	0.9799	0.98	-0.0001
2024-02-01T11:43:13	1	0	8	8	0	1.0482	1.0482	0.0000	0.9816	0.9816	0.0000
2024-02-01T11:45:30	10	0	3	3	0	0.9296	0.9297	0.0001	0.9781	0.9783	-0.0002
2024-02-01T11:45:47	7	0	4	5	-1	1.0237	1.0281	0.0044	0.9863	0.9711	0.0152
2024-02-01T11:46:48	2	0	2	2	0	1.0368	1.0366	-0.0002	0.9959	0.9959	0.0000
2024-02-01T11:46:50	1	0	67	67	0	1.0532	1.0532	0.0000	-0.9814	-0.9813	-0.0001
2024-02-01T11:48:36	2	0	18	16	2	1.0511	1.0507	-0.0004	-0.9951	-0.9953	0.0002
2024-02-01T11:49:54	1	0	14	13	1	1.0507	1.0503	-0.0004	0.974	0.9737	0.0003
2024-02-01T11:50:13	1	0	40	40	0	1.0559	1.0559	0.0000	0.9968	0.9969	-0.0001
2024-02-01T11:56:51	3	0	13	12	1	1.0506	1.0500	-0.0006	-0.9991	-0.9991	0.0000
2024-02-01T11:58:14	1	0	9	9	0	1.0485	1.0485	0.0000	0.9816	0.9816	0.0000
2024-02-01T12:00:31	10	0	3	3	0	0.9761	0.9763	0.0002	0.9802	0.9804	-0.0002
2024-02-01T12:02:15	1	0	101	99	2	1.0552	1.0551	-0.0001	0.9922	0.9922	0.0000
2024-02-01T12:03:37	2	0	22	21	1	1.0508	1.0499	-0.0008	-0.995	-0.9951	0.0001
2024-02-01T12:04:03	1	0	21	20	1	1.0562	1.0561	-0.0001	0.9987	0.9987	0.0000
2024-02-01T12:05:14	1	0	11	11	0	1.0541	1.0541	0.0000	0.9967	0.9968	-0.0001
2024-02-01T12:05:29	3	0	24	22	2	1.0515	1.0510	-0.0005	0.9933	0.9933	0.0000
2024-02-01T12:05:33	1	0	23	22	1	1.0482	1.0477	-0.0005	-0.9922	-0.9922	0.0000
2024-02-01T12:06:29	1	0	9	9	0	1.0456	1.0456	0.0000	0.9967	0.9967	0.0000
2024-02-01T12:11:59	3	0	13	13	0	1.0511	1.0507	-0.0003	-0.9988	-0.9988	0.0000
2024-02-01T12:13:14	1	0	2	2	0	1.0843	1.0843	0.0000	0.9816	0.9817	-0.0001
2024-02-01T12:15:49	5	0	3	3	0	1.0115	1.0115	0.0000	0.9503	0.9221	0.0282
2024-02-01T12:16:23	2	0	13	12	1	1.0479	1.0473	-0.0006	-0.9988	-0.9988	0.0000
2024-02-01T12:18:38	1	0	23	22	1	1.0524	1.0513	-0.0011	-0.993	-0.9931	0.0001
2024-02-01T12:30:43	2	0	1	1	0	1.0569	1.0569	0.0000	0.9982	0.9982	0.0000
2024-02-01T12:33:39	2	0	3	4	-1	1.0458	0.9953	-0.0505	0.9924	0.9923	0.0001
2024-02-01T12:34:58	1	0	14	13	1	1.0524	1.0521	-0.0003	0.9723	0.9724	-0.0001
2024-02-01T12:35:31	1	0	31	30	1	1.0469	1.0468	0.0000	-0.9979	-0.9979	0.0000
2024-02-01T12:41:35	3	0	43	52	-9	0.9434	0.9430	-0.0004	-0.9954	-0.9962	0.0008
2024-02-01T12:42:41	1	0	15	14	1	1.0475	1.0468	-0.0006	-1	-1	0.0000
2024-02-01T12:45:34	9	0	3	3	0	0.9316	0.9317	0.0001	0.9797	0.9799	-0.0002
2024-02-01T12:45:54	6	0	2	2	0	1.0351	1.0330	-0.0021	0.9006	0.8998	0.0008
2024-02-01T12:47:40	1	0	1	1	0	1.0133	1.0132	-0.0001	0.9728	0.9729	-0.0001
2024-02-01T12:50:39	4	0	5	6	-1	1.0227	1.0270	0.0043	0.8716	0.8725	-0.0009
2024-02-01T12:59:44	2	0	11	11	0	1.0467	1.0466	0.0000	-0.9975	-0.9975	0.0000
2024-02-01T13:03:41	1	0	4	4	0	1.0467	1.0466	-0.0001	0.9919	0.9918	0.0001
2024-02-01T13:12:39	2	0	1	1	0	1.0604	1.0604	0.0000	-0.9881	-0.9879	-0.0002
2024-02-01T13:14:45	1	0	7	7	0	1.0489	1.0488	0.0000	-0.9977	-0.9977	0.0000
2024-02-01T13:18:05	1	0	5	5	0	1.0544	1.0537	-0.0008	0.9753	0.9753	0.0000
2024-02-01T13:26:26	1	0	13	12	1	1.0390	1.0391	0.0000	0.9966	0.9966	0.0000
2024-02-01T13:31:14	3	0	4	4	0	1.0428	1.0423	-0.0005	0.9005	0.9306	-0.0301
2024-02-01T13:33:43	1	0	20	20	0	1.0494	1.0492	-0.0001	-0.9917	-0.9918	0.0001
2024-02-01T13:33:43	1	0	21	0	21	0.9426	null	null	0.9918	0.9919	-0.0001
2024-02-01T13:35:35	2	0	11	11	0	1.0489	1.0479	-0.0010	0.9931	0.9931	0.0000
2024-02-01T13:35:44	3	0	6	6	0	1.0277	1.0275	-0.0002	0.8703	0.8703	0.0000
2024-02-01T13:46:15	6	0	4	4	0	1.0348	1.0344	-0.0005	0.9446	0.9457	-0.0011
2024-02-01T13:46:45	2	0	1	1	0	1.0571	1.0565	-0.0006	-0.9983	-0.9983	0.0000
2024-02-01T13:48:44	2	0	27	24	3	1.0509	1.0514	0.0005	-0.991	-0.9936	0.0026
2024-02-01T13:57:42	1	0	80	80	0	1.1333	1.1332	-0.0001	-0.9843	-0.9918	0.0075
2024-02-01T14:03:45	2	0	20	18	2	1.0503	1.0501	-0.0001	-0.9908	-0.9932	0.0024
2024-02-01T14:04:04	2	0	1	2	-1	0.9777	0.9967	0.0191	-0.9989	-0.9989	0.0000
2024-02-01T14:05:06	1	0	15	15	0	1.0519	1.0518	-0.0001	0.984	0.9833	0.0007
2024-02-01T14:05:37	2	0	7	11	-4	0.9420	0.9425	0.0004	0.9936	0.9933	0.0003
2024-02-01T14:05:37	1	0	26	25	1	1.0480	1.0480	0.0000	-0.997	-0.997	0.0000
2024-02-01T14:09:48	1	0	1	1	0	0.9430	0.9430	0.0000	0.9863	0.9863	0.0000
2024-02-01T14:10:36	1	0	54	53	1	1.0555	1.0555	0.0000	1	1	0.0000
2024-02-01T14:13:44	2	0	1	2	-1	1.0184	1.0177	-0.0007	-0.9811	-0.9809	-0.0002
2024-02-01T14:14:50	2	0	11	11	0	1.0482	1.0482	0.0000	-0.9968	-0.9968	0.0000
2024-02-01T14:16:17	8	0	8	7	1	1.0500	1.0403	-0.0097	0.951	0.949	0.0020
2024-02-01T14:17:13	1	0	1	1	0	1.0396	1.0395	-0.0001	0.9953	0.9953	0.0000
2024-02-01T14:17:13	4	0	78	77	1	1.0536	1.0536	0.0000	-0.9772	-0.9772	0.0000
2024-02-01T14:17:44	10	0	195	195	0	1.0562	1.0562	-0.0001	0.9822	0.9821	0.0001
2024-02-01T14:17:46	1	0	1	1	0	1.0403	1.0401	-0.0002	0.9687	0.9686	0.0001
2024-02-01T14:17:56	1	0	1	1	0	1.0491	1.0491	0.0000	0.9945	0.9946	-0.0001
2024-02-01T14:18:46	2	0	17	16	1	1.0483	1.0480	-0.0003	-0.9931	-0.9953	0.0022
2024-02-01T14:18:46	1	0	10	3	7	0.9666	1.0119	0.0452	0.9929	0.9927	0.0002
2024-02-01T14:20:05	2	0	1	1	0	1.0295	1.0295	0.0000	0.975	0.9751	-0.0001
2024-02-01T14:20:08	2	0	20	18	2	1.0531	1.0527	-0.0004	0.9907	0.9896	0.0011
2024-02-01T14:20:38	1	0	33	32	1	1.0500	1.0500	0.0000	-0.9968	-0.9968	0.0000
2024-02-01T14:20:38	2	0	1	1	0	0.9417	0.9421	0.0004	0.9936	0.9938	-0.0002
2024-02-01T14:20:42	1	0	1	1	0	1.0371	1.0365	-0.0006	0.9999	0.9999	0.0000
2024-02-01T14:21:00	4	0	2	2	0	1.0649	1.0642	-0.0008	0.9901	0.9881	0.0020
2024-02-01T14:23:45	8	0	243	240	3	1.0603	1.0603	-0.0001	-0.9712	-0.9712	0.0000

2024-02-01T14:24:40	6	0	33	34	-1	1.0471	1.0461	-0.0011	0.9703	0.9738	-0.0035
2024-02-01T14:24:40	8	0	8	10	-2	0.9814	0.9738	-0.0076	-0.9916	-0.992	0.0004
2024-02-01T14:26:43	3	0	24	11	13	0.9441	0.9442	0.0001	-0.9928	-0.9916	-0.0012
2024-02-01T14:27:24	2	0	5	5	0	1.0440	1.0439	-0.0001	-0.9984	-0.9985	0.0001
2024-02-01T14:28:32	1	0	3	3	0	1.0302	1.0302	0.0000	-0.9998	-0.9999	0.0001
2024-02-01T14:28:45	2	0	2	2	0	1.0042	1.0042	-0.0001	-0.9766	-0.9764	-0.0002
2024-02-01T14:29:03	1	0	13	12	1	1.0540	1.0538	-0.0003	0.9582	0.9582	0.0000
2024-02-01T14:29:05	3	0	1	0	1	1.0570	null	null	0.9745	0.9743	0.0002
2024-02-01T14:30:00	1	0	12	12	0	1.0466	1.0465	-0.0001	-0.9979	-0.9979	0.0000
2024-02-01T14:30:51	4	0	2	2	0	1.0454	1.0454	0.0000	0.9981	0.9981	0.0000
2024-02-01T14:31:18	1	0	14	14	0	1.0544	1.0544	0.0000	-0.9723	-0.9724	0.0001
2024-02-01T14:32:14	1	0	64	64	0	1.0523	1.0522	0.0000	-0.9784	-0.9783	-0.0001
2024-02-01T14:32:45	1	0	1	1	0	1.0553	1.0552	-0.0001	0.9724	0.9724	0.0000
2024-02-01T14:33:15	5	0	90	89	1	1.0547	1.0546	0.0000	0.9798	0.9797	0.0001
2024-02-01T14:33:16	1	0	2	2	0	1.0409	1.0408	-0.0001	0.9942	0.9943	-0.0001
2024-02-01T14:33:47	1	0	2	3	-1	1.0462	1.0123	-0.0339	0.9928	0.9927	0.0001
2024-02-01T14:33:47	3	0	39	31	8	1.0562	1.0546	-0.0016	-0.9858	-0.9896	0.0038
2024-02-01T14:34:09	8	0	8	8	0	1.0444	1.0442	-0.0002	0.9958	0.9958	0.0000
2024-02-01T14:34:09	1	0	1	1	0	1.0453	1.0449	-0.0004	-0.9956	-0.9957	0.0001
2024-02-01T14:34:53	4	0	4	4	0	1.0461	1.0459	-0.0001	0.9826	0.9825	0.0001
2024-02-01T14:35:06	3	0	3	3	0	1.0322	1.0319	-0.0003	0.9761	0.976	0.0001
2024-02-01T14:35:11	2	0	17	17	0	1.0528	1.0527	-0.0001	0.9908	0.9898	0.0010
2024-02-01T14:35:24	1	0	9	9	0	1.0531	1.0531	0.0000	0.997	0.9969	0.0001
2024-02-01T14:35:39	2	0	5	5	0	0.9422	0.9424	0.0002	0.9938	0.9939	-0.0001
2024-02-01T14:35:39	3	0	37	36	1	1.0505	1.0504	-0.0001	-0.9965	-0.9965	0.0000
2024-02-01T14:35:48	3	0	16	15	1	1.0380	1.0363	-0.0018	0.871	0.8712	-0.0002
2024-02-01T14:36:46	2	0	2	3	-1	1.0514	1.0464	-0.0050	-0.9988	-0.9993	0.0005
2024-02-01T14:36:46	2	0	4	4	0	1.0408	1.0408	0.0000	0.9961	0.9961	0.0000
2024-02-01T14:37:11	19	0	3	0	3	0.9563	null	null	0.9887	0.989	-0.0003
2024-02-01T14:38:46	10	0	247	232	15	1.0598	1.0597	-0.0001	-0.9752	-0.9754	0.0002
2024-02-01T14:39:41	14	0	14	11	3	1.0208	1.0088	-0.0120	-0.993	-0.9934	0.0004
2024-02-01T14:39:41	1	0	8	8	0	1.0513	1.0513	-0.0001	0.9885	0.9881	0.0004
2024-02-01T14:41:04	1	0	1	1	0	1.0359	1.0355	-0.0004	0.9946	0.9946	0.0000
2024-02-01T14:41:31	2	0	8	8	0	1.0324	1.0324	-0.0001	0.9953	0.9952	0.0001
2024-02-01T14:41:44	3	0	6	6	0	0.9485	0.9487	0.0002	-0.9932	-0.993	-0.0002
2024-02-01T14:42:25	2	0	6	6	0	1.0405	1.0405	0.0000	-0.9979	-0.9979	0.0000
2024-02-01T14:43:46	1	0	3	3	0	1.0194	1.0194	0.0000	-0.9758	-0.9723	-0.0035
2024-02-01T14:44:25	3	0	19	18	1	1.0483	1.0477	-0.0006	0.998	0.9979	0.0001
2024-02-01T14:45:01	2	0	17	17	0	1.0475	1.0475	0.0000	-0.9973	-0.9973	0.0000
2024-02-01T14:45:52	1	0	4	4	0	1.0456	1.0456	0.0000	0.9982	0.9982	0.0000
2024-02-01T14:46:19	1	0	4	4	0	1.0490	1.0488	-0.0002	0.9495	0.9492	0.0003
2024-02-01T14:47:15	1	0	1	1	0	1.0400	1.0398	-0.0002	0.9964	0.9964	0.0000
2024-02-01T14:48:16	2	0	145	143	2	1.0553	1.0553	0.0000	0.9812	0.9811	0.0001
2024-02-01T14:48:48	1	0	21	19	2	1.0541	1.0519	-0.0022	-0.991	-0.996	0.0050
2024-02-01T14:48:48	1	0	4	4	0	1.0473	1.0472	-0.0001	0.9922	0.9922	0.0000
2024-02-01T14:49:07	2	0	6	6	0	1.0437	1.0436	-0.0001	-0.9987	-0.9988	0.0001
2024-02-01T14:49:10	1	0	8	8	0	1.0439	1.0438	0.0000	0.9958	0.9958	0.0000
2024-02-01T14:49:14	2	0	47	46	1	1.0565	1.0564	-0.0001	0.9957	0.9957	0.0000
2024-02-01T14:50:15	1	0	23	22	1	1.0541	1.0539	-0.0003	0.9914	0.9905	0.0009
2024-02-01T14:50:25	1	0	8	8	0	1.0501	1.0500	-0.0001	0.9966	0.9965	0.0001
2024-02-01T14:50:40	1	0	16	16	0	1.0474	1.0474	-0.0001	0.994	0.994	0.0000
2024-02-01T14:50:48	4	0	24	15	9	1.0563	1.0559	-0.0003	-0.9899	-0.9911	0.0012
2024-02-01T14:50:51	1	0	62	60	2	1.0514	1.0514	0.0000	-0.9956	-0.9957	0.0001
2024-02-01T14:51:47	4	0	3	3	0	1.0430	1.0428	-0.0003	-0.9982	-0.9989	0.0007
2024-02-01T14:52:50	1	0	1	1	0	1.0402	1.0399	-0.0003	0.9942	0.9942	0.0000
2024-02-01T14:55:55	2	0	564	562	2	0.8979	0.9005	0.0026	0.92	0.9202	-0.0002
2024-02-01T14:56:49	2	0	2	2	0	1.0320	1.0317	-0.0003	-0.9723	-0.9728	0.0005
2024-02-01T14:57:47	2	0	14	14	0	1.0428	1.0427	-0.0001	-1	-1	0.0000
2024-02-01T14:58:47	2	0	4	4	0	1.0191	1.0189	-0.0002	-0.9702	-0.9664	-0.0038
2024-02-01T14:58:57	2	0	2	2	0	1.0279	1.0254	-0.0024	0.9998	0.9997	0.0001
2024-02-01T14:59:05	2	0	30	29	1	1.0570	1.0570	0.0000	0.9618	0.9618	0.0000
2024-02-01T15:00:02	1	0	19	19	0	1.0473	1.0473	0.0000	-0.997	-0.997	0.0000
2024-02-01T15:01:20	7	0	4	4	0	1.0413	1.0409	-0.0004	0.9062	0.9349	-0.0287
2024-02-01T15:02:18	1	0	2	2	0	1.0379	1.0378	-0.0001	0.9969	0.9969	0.0000
2024-02-01T15:03:17	2	0	173	172	1	1.0559	1.0559	0.0000	0.9789	0.9789	0.0000
2024-02-01T15:03:38	2	0	45	44	1	1.0508	1.0515	0.0007	-1	-1	0.0000
2024-02-01T15:03:50	1	0	7	6	1	0.9723	0.9773	0.0050	0.9925	0.9926	-0.0001
2024-02-01T15:03:50	1	0	19	17	2	1.0504	1.0499	-0.0005	-0.9951	-0.9954	0.0003
2024-02-01T15:05:27	2	0	13	13	0	1.0532	1.0539	0.0006	-0.8816	-0.8824	0.0008
2024-02-01T15:05:41	1	0	20	19	1	1.0486	1.0495	0.0009	0.9953	0.9953	0.0000
2024-02-01T15:05:41	2	0	116	116	0	0.9363	0.9369	0.0006	0.969	0.9695	-0.0005
2024-02-01T15:05:45	1	0	10	10	0	1.0383	1.0383	0.0000	1	1	0.0000
2024-02-01T15:08:48	2	0	167	167	0	1.0580	1.0580	0.0000	-0.9813	-0.9813	0.0000
2024-02-01T15:08:49	1	0	346	345	1	1.0569	1.0569	0.0000	0.9898	0.9898	0.0000
2024-02-01T15:14:45	1	0	22	22	0	1.0512	1.0512	0.0000	0.9999	0.9999	0.0000
2024-02-01T15:15:03	1	0	12	12	0	1.0477	1.0477	0.0000	-0.9957	-0.9957	0.0000
2024-02-01T15:16:21	7	0	16	10	6	1.0496	1.0522	0.0026	0.9514	0.9534	-0.0020
2024-02-01T15:18:50	1	0	64	4	60	0.9529	0.9684	0.0156	0.9927	0.993	-0.0003
2024-02-01T15:18:50	1	0	26	23	3	1.0511	1.0506	-0.0005	-0.9931	-0.9935	0.0004
2024-02-01T15:20:18	1	0	19	19	0	1.0506	1.0506	-0.0001	0.9903	0.9898	0.0005
2024-02-01T15:22:14	14	0	4	4	0	0.9649	0.9683	0.0034	0.9879	0.9885	-0.0006
2024-02-01T15:25:26	6	0	4	1	3	0.9437	0.9447	0.0010	-0.9983	-0.9982	-0.0001
2024-02-01T15:25:57	1	0	2	0	2	1.0286	null	null	0.9737	0.9735	0.0002
2024-02-01T15:27:28	1	0	9	9	0	1.0444	1.0442	-0.0001	-0.9976	-0.9976	0.0000
2024-02-01T15:28:50	1	0	50	49	1	1.0555	1.0555	0.0000	0.9995	0.9995	0.0000

2024-02-01T15:29:46	1	0	23	23	0	1.0519	1.0519	0.0000	0.9999	0.9999	0.0000
2024-02-01T15:32:34	1	0	33	32	1	1.0503	1.0502	-0.0002	0.9937	0.9937	0.0000
2024-02-01T15:33:52	1	0	29	26	3	1.0527	1.0502	-0.0025	-0.9942	-0.9963	0.0021
2024-02-01T15:40:42	1	0	42	41	1	1.0529	1.0529	0.0000	0.992	0.992	0.0000
2024-02-01T15:42:31	1	0	47	47	0	1.0556	1.0556	0.0000	0.9997	0.9997	0.0000
2024-02-01T15:45:46	7	0	3	3	0	1.0088	1.0070	-0.0019	0.9818	0.9813	0.0005
2024-02-01T15:47:21	1	0	3	3	0	1.0352	1.0350	-0.0001	0.9969	0.9969	0.0000
2024-02-01T15:47:54	1	0	2	3	-1	1.0353	1.0052	-0.0301	0.9789	0.9789	0.0000
2024-02-01T15:57:32	1	0	48	47	1	1.0560	1.0560	0.0000	0.9995	0.9995	0.0000
2024-02-01T15:58:38	1	0	20	20	0	0.9427	0.9427	0.0000	0.9958	0.9957	0.0001
2024-02-01T15:59:48	1	0	23	23	0	1.0526	1.0526	0.0000	0.9999	0.9999	0.0000
2024-02-01T16:00:06	1	0	14	14	0	1.0468	1.0468	0.0000	-0.9964	-0.9964	0.0000
2024-02-01T16:06:14	2	0	33	33	0	1.0468	1.0467	-0.0001	-0.9984	-0.9985	0.0001
2024-02-01T16:14:49	1	0	23	24	-1	1.0520	1.0521	0.0001	1	0.9999	0.0001
2024-02-01T16:18:56	1	0	12	12	0	1.0471	1.0468	-0.0003	-0.9953	-0.9954	0.0001
2024-02-01T16:32:57	2	0	2	2	0	1.0258	1.0255	-0.0004	0.9806	0.9806	0.0000
2024-02-01T16:33:57	1	0	13	13	0	1.0481	1.0479	-0.0002	-0.9949	-0.995	0.0001
2024-02-01T16:48:58	1	0	15	15	0	1.0474	1.0473	-0.0001	-0.9957	-0.9957	0.0000
2024-02-01T17:03:59	1	0	8	8	0	1.0461	1.0459	-0.0002	-0.9956	-0.9956	0.0000
2024-02-01T17:41:15	2	0	99	99	0	0.9391	0.9392	0.0001	-0.9992	-0.9991	-0.0001
2024-02-01T17:56:16	2	0	128	127	1	0.9318	0.9319	0.0001	-0.9995	-0.9994	-0.0001
2024-02-02T07:50:08	2	0	70	70	0	0.9411	0.9412	0.0001	-0.9857	-0.9848	-0.0009
2024-02-02T07:51:36	1	0	40	40	0	1.0082	1.0081	0.0000	0.9972	0.9973	-0.0001
2024-02-02T07:51:43	1	0	54	53	1	0.9340	0.9341	0.0001	0.9944	0.9943	0.0001
2024-02-02T07:54:28	1	0	135	134	1	0.9254	0.9256	0.0002	-0.9974	-0.9971	-0.0003
2024-02-02T08:06:37	2	0	59	58	1	1.0123	1.0123	0.0000	0.9893	0.9893	0.0000
2024-02-02T08:06:44	1	0	112	112	0	0.9247	0.9248	0.0000	0.9897	0.9896	0.0001
2024-02-02T08:15:50	1	0	4	4	0	1.0185	1.0185	0.0000	0.9975	0.9975	0.0000
2024-02-02T08:20:13	6	0	96	91	5	1.0580	1.0579	-0.0001	-0.9999	-0.9999	0.0000
2024-02-02T08:29:12	1	0	21	20	1	1.0516	1.0519	0.0003	0.9974	0.9974	0.0000
2024-02-02T08:33:09	1	0	74	73	1	0.9844	0.9847	0.0003	0.9913	0.9914	-0.0001
2024-02-02T08:46:05	1	0	4	4	0	1.0190	1.0190	0.0000	0.9971	0.9964	0.0007
2024-02-02T08:47:12	5	0	82	81	1	1.0541	1.0541	0.0000	0.9799	0.9799	0.0000
2024-02-02T08:48:06	1	0	94	93	1	1.0155	1.0150	-0.0005	-0.9956	-0.9956	0.0000
2024-02-02T08:51:38	1	0	1	0	1	0.9448	null	null	0.9997	0.9997	0.0000
2024-02-02T08:51:40	3	0	69	67	2	1.0137	1.0207	0.0070	0.9893	0.9893	0.0000
2024-02-02T08:54:41	2	0	102	102	0	0.9380	0.9380	0.0000	-0.9977	-0.9977	0.0000
2024-02-02T08:58:32	1	0	1	1	0	1.0259	1.0255	-0.0004	-0.9999	-0.9999	0.0000
2024-02-02T09:01:02	1	0	1	1	0	1.0320	1.0320	0.0000	-0.9998	-0.9998	0.0000
2024-02-02T09:01:40	2	0	76	76	0	1.0527	1.0526	0.0000	0.9951	0.9951	0.0000
2024-02-02T09:02:13	4	0	103	102	1	1.0546	1.0545	0.0000	0.9828	0.9827	0.0001
2024-02-02T09:03:48	2	0	12	12	0	1.0456	1.0456	0.0000	0.9997	0.9999	-0.0002
2024-02-02T09:04:47	1	0	4	4	0	1.0156	1.0156	0.0000	0.9745	0.9744	0.0001
2024-02-02T09:05:13	2	0	35	28	7	0.9419	0.9419	0.0000	0.9931	0.9932	-0.0001
2024-02-02T09:05:16	4	0	64	61	3	1.0562	1.0560	-0.0002	-1	-1	0.0000
2024-02-02T09:06:41	2	0	89	80	9	1.0618	1.0604	-0.0014	0.9908	0.9908	0.0000
2024-02-02T09:06:48	2	0	85	84	1	0.9300	0.9305	0.0005	0.9905	0.9903	0.0002
2024-02-02T09:07:42	2	0	9	9	0	1.0391	1.0391	0.0000	0.9528	0.9524	0.0004
2024-02-02T09:09:25	2	0	7	7	0	1.0443	1.0443	0.0000	-0.9894	-0.9895	0.0001
2024-02-02T09:11:00	1	0	11	11	0	0.9829	0.9831	0.0002	0.9991	0.9991	0.0000
2024-02-02T09:14:15	1	0	22	22	0	1.0521	1.0520	0.0000	0.997	0.997	0.0000
2024-02-02T09:18:12	1	0	27	25	2	0.9779	0.9830	0.0051	0.991	0.9909	0.0001
2024-02-02T09:20:11	1	0	22	22	0	1.0454	1.0453	-0.0001	0.9569	0.9568	0.0001
2024-02-02T09:24:13	1	0	4	4	0	1.0187	1.0184	-0.0003	0.9798	0.9794	0.0004
2024-02-02T09:27:28	1	0	3	3	0	1.0281	1.0280	-0.0001	0.9965	0.9965	0.0000
2024-02-02T09:28:53	1	0	7	7	0	1.0452	1.0451	-0.0001	-0.996	-0.9961	0.0001
2024-02-02T09:29:16	4	0	29	26	3	1.0533	1.0529	-0.0004	0.9975	0.9975	0.0000
2024-02-02T09:32:46	2	0	40	39	1	0.9574	0.9549	-0.0025	0.9451	0.945	0.0001
2024-02-02T09:33:26	3	0	1	1	0	0.9761	0.9773	0.0012	0.9619	0.9622	-0.0003
2024-02-02T09:33:32	3	0	7	6	1	1.0323	1.0298	-0.0025	-0.995	-0.9951	0.0001
2024-02-02T09:35:18	9	0	57	52	5	1.0566	1.0562	-0.0003	-1	-1	0.0000
2024-02-02T09:36:38	5	0	4	4	0	0.9634	0.9654	0.0020	0.9987	0.9988	-0.0001
2024-02-02T09:36:47	4	0	114	113	1	1.0179	1.0182	0.0002	0.9896	0.9896	0.0000
2024-02-02T09:40:36	1	0	2	2	0	1.0260	1.0258	-0.0002	0.9609	0.9608	0.0001
2024-02-02T09:42:53	1	0	1	1	0	0.9444	0.9449	0.0005	-1	-1	0.0000
2024-02-02T09:43:54	2	0	19	19	0	1.0519	1.0518	0.0000	-0.9943	-0.9945	0.0002
2024-02-02T09:45:35	2	0	2	2	0	1.0033	1.0038	0.0004	0.9963	0.9964	-0.0001
2024-02-02T09:45:37	1	0	2	2	0	1.0353	1.0350	-0.0004	0.9584	0.958	0.0004
2024-02-02T09:45:57	2	0	4	4	0	1.0232	1.0229	-0.0003	0.9712	0.9708	0.0004
2024-02-02T09:46:12	1	0	1	1	0	0.9960	0.9963	0.0003	-0.9835	-0.9834	-0.0001
2024-02-02T09:46:55	2	0	4	4	0	1.0279	1.0276	-0.0003	0.9913	0.9911	0.0002
2024-02-02T09:48:24	1	0	11	10	1	1.0469	1.0467	-0.0002	-0.9841	-0.9845	0.0004
2024-02-02T09:48:33	1	0	12	11	1	0.9509	0.9521	0.0012	-0.9973	-0.9972	-0.0001
2024-02-02T09:48:51	1	0	8	8	0	1.0468	1.0466	-0.0002	0.9997	0.9997	0.0000
2024-02-02T09:49:50	3	0	2	2	0	1.0265	1.0261	-0.0004	0.9753	0.9751	0.0002
2024-02-02T09:50:13	1	0	23	23	0	1.0444	1.0443	-0.0001	0.9503	0.9501	0.0002
2024-02-02T09:51:39	14	0	3	3	0	0.9516	0.9554	0.0038	0.9984	0.9985	-0.0001
2024-02-02T09:51:42	1	0	1	1	0	0.9434	0.9445	0.0011	0.9993	0.9994	-0.0001
2024-02-02T09:55:37	1	0	2	2	0	0.9788	0.9790	0.0001	0.9565	0.9554	0.0011
2024-02-02T09:58:14	2	0	1	1	0	1.0032	1.0026	-0.0006	-0.9893	-0.9892	-0.0001
2024-02-02T09:59:18	5	0	24	23	1	1.0523	1.0521	-0.0003	0.9977	0.9976	0.0001
2024-02-02T09:59:41	1	0	2	2	0	1.0160	1.0157	-0.0004	0.9856	0.9855	0.0001
2024-02-02T10:00:09	1	0	7	7	0	1.0368	1.0368	0.0000	0.9972	0.9972	0.0000
2024-02-02T10:00:38	5	0	2	2	0	1.0140	1.0132	-0.0008	0.9113	0.9097	0.0016
2024-02-02T10:00:51	1	0	27	27	0	1.0523	1.0522	-0.0001	0.9723	0.972	0.0003

2024-02-02T10:01:13	1	0	1	1	0	0.9945	0.9948	0.0003	-0.9869	-0.9868	-0.0001
2024-02-02T10:02:08	1	0	87	86	1	1.0539	1.0538	-0.0001	0.9939	0.9939	0.0000
2024-02-02T10:02:17	2	0	66	65	1	1.0533	1.0533	-0.0001	0.98	0.98	0.0000
2024-02-02T10:02:48	2	0	137	135	2	0.9432	0.9436	0.0003	0.9439	0.9439	0.0000
2024-02-02T10:03:15	1	0	20	7	13	0.9868	1.0182	0.0314	0.9915	0.9914	0.0001
2024-02-02T10:03:25	1	0	15	13	2	1.0479	1.0473	-0.0006	-0.9818	-0.9822	0.0004
2024-02-02T10:03:52	2	0	9	9	0	1.0441	1.0438	-0.0003	0.9997	0.9997	0.0000
2024-02-02T10:04:43	1	0	11	10	1	1.0485	1.0478	-0.0008	0.9693	0.9684	0.0009
2024-02-02T10:05:09	1	0	1	1	0	1.0313	1.0308	-0.0005	0.9972	0.9972	0.0000
2024-02-02T10:05:14	4	0	30	27	3	1.0497	1.0497	0.0000	0.9544	0.9543	0.0001
2024-02-02T10:05:20	3	0	61	57	4	1.0563	1.0557	-0.0006	1	1	0.0000
2024-02-02T10:05:22	2	0	28	27	1	1.0471	1.0470	-0.0001	0.9993	0.9993	0.0000
2024-02-02T10:06:23	1	0	7	7	0	0.9750	0.9749	-0.0002	0.9986	0.9985	0.0001
2024-02-02T10:06:40	6	0	10	10	0	0.9541	0.9541	0.0000	0.9984	0.9984	0.0000
2024-02-02T10:06:52	3	0	30	29	1	0.9547	0.9478	-0.0069	0.9944	0.9942	0.0002
2024-02-02T10:07:35	1	0	2	2	0	1.0389	1.0389	-0.0001	0.9992	0.9991	0.0001
2024-02-02T10:09:13	2	0	37	37	0	1.0495	1.0494	-0.0001	0.9714	0.9756	-0.0042
2024-02-02T10:10:31	5	0	72	61	11	0.9399	0.9411	0.0013	-0.9985	-0.999	0.0005
2024-02-02T10:10:38	1	0	1	1	0	1.0336	1.0329	-0.0007	0.959	0.9587	0.0003
2024-02-02T10:12:10	2	0	1	1	0	0.9881	0.9886	0.0005	-0.9977	-0.9977	0.0000
2024-02-02T10:12:31	1	0	2	2	0	1.0367	1.0365	-0.0002	0.9965	0.9965	0.0000
2024-02-02T10:13:32	1	0	10	10	0	1.0442	1.0441	-0.0001	0.9957	0.9957	0.0000
2024-02-02T10:13:58	1	0	12	11	1	1.0489	1.0508	0.0019	-0.9949	-0.9949	0.0000
2024-02-02T10:14:14	2	0	7	8	-1	1.0436	1.0437	0.0001	-0.9992	-0.9992	0.0000
2024-02-02T10:14:19	1	0	26	26	0	1.0528	1.0528	0.0000	0.9973	0.9974	-0.0001
2024-02-02T10:14:32	2	0	4	4	0	1.0189	1.0187	-0.0001	0.9986	0.9986	0.0000
2024-02-02T10:17:18	2	0	103	102	1	1.0547	1.0547	0.0000	0.9803	0.9803	0.0000
2024-02-02T10:18:16	1	0	6	7	-1	1.0307	1.0185	-0.0122	0.9912	0.9908	0.0004
2024-02-02T10:18:26	1	0	14	13	1	1.0467	1.0466	-0.0002	-0.9858	-0.9862	0.0004
2024-02-02T10:18:35	1	0	6	6	0	1.0290	1.0289	-0.0001	-0.9956	-0.9956	0.0000
2024-02-02T10:18:54	3	0	9	8	1	1.0454	1.0450	-0.0003	0.9997	0.9997	0.0000
2024-02-02T10:18:58	1	0	2	2	0	1.0248	1.0245	-0.0003	0.997	0.997	0.0000
2024-02-02T10:19:45	1	0	16	16	0	1.0520	1.0519	-0.0001	0.9847	0.9841	0.0006
2024-02-02T10:20:01	2	0	15	11	4	1.0565	1.0555	-0.0010	-0.8651	-0.8658	0.0007
2024-02-02T10:20:21	5	0	73	69	4	1.0579	1.0577	-0.0002	-0.9999	-0.9999	0.0000
2024-02-02T10:20:23	2	0	39	37	2	1.0513	1.0513	0.0000	0.9997	0.9997	0.0000
2024-02-02T10:20:34	4	0	10	10	0	1.0540	1.0534	-0.0006	-0.9905	-0.9915	0.0010
2024-02-02T10:21:24	1	0	7	7	0	0.9753	0.9753	0.0000	0.9985	0.9985	0.0000
2024-02-02T10:21:53	2	0	63	63	0	0.9350	0.9350	0.0000	0.9911	0.9913	-0.0002
2024-02-02T10:23:04	1	0	124	123	1	1.0561	1.0561	0.0000	-0.9781	-0.978	-0.0001
2024-02-02T10:25:40	3	0	26	19	7	0.9440	0.9445	0.0005	-0.9954	-0.9946	-0.0008
2024-02-02T10:27:30	1	0	9	8	1	1.0492	1.0479	-0.0013	-0.9817	-0.985	0.0033
2024-02-02T10:28:27	1	0	19	19	0	1.0493	1.0492	-0.0001	0.9988	0.9988	0.0000
2024-02-02T10:28:35	2	0	6	6	0	1.0125	1.0124	-0.0002	0.9927	0.9927	0.0000
2024-02-02T10:29:15	1	0	10	10	0	1.0463	1.0463	0.0000	-0.9985	-0.9985	0.0000
2024-02-02T10:29:31	1	0	4	4	0	1.0240	1.0239	-0.0001	0.99	0.9899	0.0001
2024-02-02T10:30:06	1	0	40	39	1	1.0495	1.0494	-0.0002	0.9926	0.9926	0.0000
2024-02-02T10:30:11	3	0	2	1	1	1.0484	1.0400	-0.0084	0.9931	0.993	0.0001
2024-02-02T10:32:19	3	0	98	98	0	1.0546	1.0546	0.0000	0.983	0.983	0.0000
2024-02-02T10:32:50	2	0	56	55	1	0.9812	0.9796	-0.0016	0.9441	0.944	0.0001
2024-02-02T10:33:36	7	0	23	24	-1	0.9678	0.9675	-0.0003	-0.9957	-0.996	0.0003
2024-02-02T10:33:41	1	0	1	1	0	1.0211	1.0208	-0.0003	0.9799	0.9798	0.0001
2024-02-02T10:33:54	4	0	20	18	2	1.0446	1.0439	-0.0008	0.9999	0.9999	0.0000
2024-02-02T10:34:41	5	0	13	12	1	1.0505	1.0499	-0.0006	0.9988	0.9987	0.0001
2024-02-02T10:35:16	2	0	49	48	1	1.0508	1.0508	0.0000	0.9533	0.9528	0.0005
2024-02-02T10:35:22	2	0	59	58	1	1.0563	1.0562	-0.0001	-0.9999	-0.9999	0.0000
2024-02-02T10:35:24	2	0	38	36	2	1.0516	1.0516	-0.0001	0.9999	0.9999	0.0000
2024-02-02T10:35:38	1	0	4	4	0	0.9922	0.9919	-0.0003	-1	-1	0.0000
2024-02-02T10:35:46	1	0	2	2	0	1.0566	1.0564	-0.0002	-0.9163	-0.9181	0.0018
2024-02-02T10:36:25	1	0	11	11	0	0.9622	0.9622	0.0000	0.9986	0.9986	0.0000
2024-02-02T10:39:14	1	0	1	1	0	0.9920	0.9924	0.0004	0.9814	0.9815	-0.0001
2024-02-02T10:40:24	1	0	13	12	1	1.0506	1.0501	-0.0005	0.9984	0.9984	0.0000
2024-02-02T10:40:41	1	0	11	10	1	0.9465	0.9469	0.0004	-0.9954	-0.9951	-0.0003
2024-02-02T10:41:41	3	0	58	58	0	1.0559	1.0555	-0.0004	-0.9999	-0.9999	0.0000
2024-02-02T10:42:12	2	0	2	2	0	0.9921	0.9924	0.0003	-0.997	-0.9969	-0.0001
2024-02-02T10:43:34	1	0	26	26	0	1.0446	1.0445	0.0000	0.9951	0.995	0.0001
2024-02-02T10:44:16	1	0	12	12	0	1.0477	1.0477	0.0000	-0.9986	-0.9986	0.0000
2024-02-02T10:45:07	1	0	39	37	2	1.0495	1.0492	-0.0003	0.9911	0.9911	0.0000
2024-02-02T10:45:41	1	0	2	2	0	1.0159	1.0156	-0.0004	0.9062	0.907	-0.0008
2024-02-02T10:46:50	2	0	101	100	1	1.0554	1.0554	0.0000	-0.982	-0.9821	0.0001
2024-02-02T10:47:15	1	0	2	2	0	1.0319	1.0318	-0.0001	0.9851	0.985	0.0001
2024-02-02T10:47:20	8	0	238	232	6	1.0567	1.0566	-0.0001	0.9796	0.9794	0.0002
2024-02-02T10:47:22	1	0	1	0	1	1.0559	null	null	0.961	0.9609	0.0001
2024-02-02T10:48:14	1	0	31	31	0	1.0056	1.0055	-0.0001	-0.9955	-0.9955	0.0000
2024-02-02T10:48:31	1	0	1	1	0	1.0567	1.0563	-0.0004	0.9618	0.9617	0.0001
2024-02-02T10:48:48	1	0	8	8	0	1.0352	1.0351	-0.0001	-0.9986	-0.9986	0.0000
2024-02-02T10:48:55	1	0	6	6	0	1.0315	1.0314	-0.0001	0.9942	0.9942	0.0000
2024-02-02T10:49:50	1	0	10	10	0	1.0509	1.0507	-0.0002	0.9618	0.9603	0.0015
2024-02-02T10:49:58	1	0	4	4	0	1.0458	1.0457	-0.0001	0.9966	0.9965	0.0001
2024-02-02T10:50:33	1	0	37	34	3	1.0505	1.0505	0.0000	0.9997	0.9997	0.0000
2024-02-02T10:51:07	2	0	4	4	0	1.0396	1.0395	-0.0001	0.9964	0.9964	0.0000
2024-02-02T10:51:52	1	0	77	71	6	1.0407	1.0395	-0.0012	0.9907	0.9907	0.0000
2024-02-02T10:55:41	1	0	2	2	0	0.9838	0.9843	0.0005	0.9564	0.9567	-0.0003
2024-02-02T10:55:42	2	0	42	40	2	0.9419	0.9417	-0.0002	-0.9946	-0.9943	-0.0003
2024-02-02T10:56:12	1	0	2	2	0	1.0459	1.0457	-0.0002	0.9946	0.9945	0.0001

2024-02-02T10:56:39	1	0	1	1	0	1.0572	1.0562	-0.0010	0.9931	0.9931	0.0000
2024-02-02T10:59:22	1	0	22	22	0	1.0516	1.0516	0.0000	0.997	0.996	0.0010
2024-02-02T11:00:31	1	0	1	0	1	1.0350	null	null	0.9964	0.9964	0.0000
2024-02-02T11:00:42	1	0	1	2	-1	1.0188	1.0159	-0.0029	0.9042	0.9036	0.0006
2024-02-02T11:02:01	1	0	3	3	0	1.0050	1.0052	0.0001	0.9897	0.9897	0.0000
2024-02-02T11:02:23	1	0	1	1	0	1.0552	1.0550	-0.0002	0.9616	0.9616	0.0000
2024-02-02T11:02:52	2	0	47	45	2	0.9853	0.9821	-0.0032	0.9427	0.9427	0.0000
2024-02-02T11:03:15	1	0	48	47	1	0.9840	0.9824	-0.0016	-0.9963	-0.9963	0.0000
2024-02-02T11:03:19	1	0	70	19	51	0.9844	0.9867	0.0024	0.9908	0.991	-0.0002
2024-02-02T11:03:29	1	0	6	6	0	1.0472	1.0465	-0.0008	-0.9951	-0.9954	0.0003
2024-02-02T11:03:38	2	0	7	7	0	1.0539	1.0539	0.0000	0.9956	0.9955	0.0001
2024-02-02T11:04:54	1	0	11	11	0	1.0527	1.0525	-0.0003	0.9563	0.9545	0.0018
2024-02-02T11:05:18	3	0	35	33	2	1.0495	1.0494	-0.0001	0.9501	0.9494	0.0007
2024-02-02T11:05:33	1	0	37	36	1	1.0495	1.0494	-0.0001	0.9996	0.9996	0.0000
2024-02-02T11:09:17	4	0	30	29	1	1.0505	1.0511	0.0006	0.9728	0.9726	0.0002
2024-02-02T11:09:20	1	0	6	6	0	1.0505	1.0505	0.0000	0.9642	0.9633	0.0009
2024-02-02T11:09:33	1	0	3	3	0	1.0348	1.0348	0.0000	-1	-1	0.0000
2024-02-02T11:10:08	2	0	2	2	0	0.9622	0.9633	0.0010	0.9974	0.9975	-0.0001
2024-02-02T11:10:49	1	0	53	35	18	0.9424	0.9429	0.0004	-0.9967	-0.9966	-0.0001
2024-02-02T11:13:07	1	0	13	11	2	1.0456	1.0458	0.0002	0.9939	0.9938	0.0001
2024-02-02T11:13:41	2	0	1	0	1	1.0277	null	null	0.9999	0.9999	0.0000
2024-02-02T11:14:23	1	0	21	21	0	1.0521	1.0521	0.0000	0.9969	0.9969	0.0000
2024-02-02T11:16:24	1	0	3	3	0	1.0450	1.0444	-0.0006	0.9944	0.9942	0.0002
2024-02-02T11:17:12	7	0	9	7	2	1.0496	1.0478	-0.0018	0.9997	0.9996	0.0001
2024-02-02T11:17:53	2	0	53	51	2	1.0162	1.0146	-0.0016	0.945	0.945	0.0000
2024-02-02T11:18:16	1	0	34	33	1	1.0047	1.0031	-0.0016	-0.9953	-0.9953	0.0000
2024-02-02T11:18:20	1	0	5	6	-1	1.0490	1.0316	-0.0174	0.9913	0.9909	0.0004
2024-02-02T11:18:30	1	0	6	6	0	1.0471	1.0463	-0.0008	-0.9964	-0.9967	0.0003
2024-02-02T11:18:39	2	0	52	52	0	0.9345	0.9345	0.0000	-0.9961	-0.9961	0.0000
2024-02-02T11:18:55	1	0	3	3	0	1.0466	1.0463	-0.0003	-1	-1	0.0000
2024-02-02T11:19:55	1	0	13	13	0	1.0508	1.0506	-0.0002	0.9695	0.9679	0.0016
2024-02-02T11:20:25	2	0	35	34	1	1.0525	1.0525	0.0000	-1	-1	0.0000
2024-02-02T11:21:28	1	0	11	10	1	0.9633	0.9653	0.0021	0.9988	0.9989	-0.0001
2024-02-02T11:21:36	2	0	3	3	0	1.0498	1.0496	-0.0002	-1	-1	0.0000
2024-02-02T11:22:51	2	0	7	7	0	1.0344	1.0344	0.0000	0.9288	0.9283	0.0005
2024-02-02T11:23:05	6	0	7	5	2	1.0322	1.0306	-0.0016	0.9981	0.998	0.0001
2024-02-02T11:23:08	1	0	129	127	2	1.0564	1.0564	0.0000	-0.9778	-0.9778	0.0000
2024-02-02T11:25:50	1	0	4	4	0	0.9466	0.9467	0.0001	-0.9912	-0.9911	-0.0001
2024-02-02T11:28:00	4	0	5	5	0	1.0541	1.0538	-0.0003	0.9855	0.9852	0.0003
2024-02-02T11:28:03	1	0	3	3	0	1.0288	1.0288	0.0000	-0.9999	-0.9999	0.0000
2024-02-02T11:28:08	1	0	16	16	0	1.0466	1.0465	-0.0001	0.9935	0.9935	0.0000
2024-02-02T11:28:42	3	0	3	3	0	1.0289	1.0281	-0.0008	0.9999	0.9999	0.0000
2024-02-02T11:29:14	2	0	3	1	2	1.0523	1.0456	-0.0067	-0.9407	-0.9403	-0.0004
2024-02-02T11:29:19	1	0	16	16	0	1.0483	1.0483	0.0000	-0.9993	-0.9993	0.0000
2024-02-02T11:30:10	2	0	43	40	3	1.0502	1.0497	-0.0005	0.9916	0.9916	0.0000
2024-02-02T11:30:15	1	0	1	0	1	1.0574	null	null	0.9931	0.9931	0.0000
2024-02-02T11:30:45	1	0	1	1	0	1.0182	1.0179	-0.0003	0.9035	0.9028	0.0007
2024-02-02T11:32:17	7	0	13	13	0	1.0498	1.0496	-0.0002	1	1	0.0000
2024-02-02T11:32:55	4	0	54	53	1	1.0565	1.0564	-0.0001	0.9554	0.9554	0.0000
2024-02-02T11:32:57	1	0	18	18	0	1.0491	1.0491	0.0000	0.9939	0.9939	0.0000
2024-02-02T11:33:17	1	0	54	53	1	0.9796	0.9781	-0.0015	-0.9962	-0.9962	0.0000
2024-02-02T11:33:31	2	0	15	12	3	1.0483	1.0468	-0.0015	-0.9857	-0.9862	0.0005
2024-02-02T11:33:51	2	0	4	4	0	1.0460	1.0460	0.0000	-0.9986	-0.9986	0.0000
2024-02-02T11:34:32	1	0	43	42	1	1.0507	1.0506	-0.0001	0.9987	0.9987	0.0000
2024-02-02T11:34:58	2	0	14	13	1	1.0525	1.0520	-0.0005	0.969	0.9677	0.0013
2024-02-02T11:35:50	1	0	1	3	-2	1.0768	1.0556	-0.0212	-0.9488	-0.9485	-0.0003
2024-02-02T11:36:37	2	0	1	1	0	1.0571	1.0570	-0.0001	-1	-1	0.0000
2024-02-02T11:37:52	2	0	11	11	0	1.0359	1.0359	0.0000	0.9443	0.9441	0.0002
2024-02-02T11:38:06	5	0	3	2	1	1.0383	1.0386	0.0003	-0.9991	-0.9993	0.0002
2024-02-02T11:39:19	6	0	19	18	1	1.0496	1.0493	-0.0003	0.9722	0.9724	-0.0002
2024-02-02T11:41:04	7	0	3	3	0	0.9435	0.9437	0.0002	-0.9981	-0.9981	0.0000
2024-02-02T11:42:35	1	0	1	1	0	1.0584	1.0584	0.0000	-0.9862	-0.9928	0.0066
2024-02-02T11:42:37	2	0	1	1	0	1.0416	1.0416	0.0000	0.9963	0.9963	0.0000
2024-02-02T11:43:04	1	0	3	3	0	1.0283	1.0283	0.0000	-1	-1	0.0000
2024-02-02T11:44:04	4	0	8	9	-1	1.0556	1.0526	-0.0030	-0.9951	-0.9949	-0.0002
2024-02-02T11:45:16	1	0	1	0	1	1.0560	null	null	0.9926	0.9926	0.0000
2024-02-02T11:45:50	1	0	11	10	1	1.0458	1.0458	0.0000	0.9847	0.9845	0.0002
2024-02-02T11:46:05	2	0	1	2	-1	1.0264	1.0230	-0.0034	0.9696	0.9698	-0.0002
2024-02-02T11:47:19	2	0	4	3	1	1.0065	1.0290	0.0225	0.9856	0.9855	0.0001
2024-02-02T11:47:58	1	0	28	28	0	1.0491	1.0491	0.0000	0.9941	0.9941	0.0000
2024-02-02T11:48:18	1	0	43	42	1	1.0407	1.0401	-0.0006	-0.9954	-0.9954	0.0000
2024-02-02T11:48:22	2	0	5	5	0	1.0479	1.0478	0.0000	0.9918	0.9918	0.0000
2024-02-02T11:48:32	2	0	20	18	2	1.0510	1.0499	-0.0011	-0.9821	-0.9859	0.0038
2024-02-02T11:50:00	2	0	19	18	1	1.0532	1.0529	-0.0003	0.985	0.9843	0.0007
2024-02-02T11:50:51	1	0	1	2	-1	1.0784	1.0611	-0.0173	-0.9576	-0.9572	-0.0004
2024-02-02T11:51:11	2	0	4	5	-1	1.0405	1.0385	-0.0020	0.9964	0.9965	-0.0001
2024-02-02T11:51:38	2	0	1	1	0	1.0584	1.0584	0.0000	-1	-1	0.0000
2024-02-02T11:52:53	2	0	9	9	0	1.0372	1.0372	0.0000	0.943	0.9426	0.0004
2024-02-02T11:53:56	4	0	1	0	1	1.0552	null	null	-1	1	0.0000
2024-02-02T11:54:20	6	0	21	22	-1	1.0456	1.0450	-0.0006	0.9677	0.9679	-0.0002
2024-02-02T11:54:36	1	0	3	3	0	1.0376	1.0375	-0.0001	-0.9913	-0.9913	0.0000
2024-02-02T11:57:36	2	0	1	0	1	1.0557	null	null	-0.9957	-0.9926	-0.0031
2024-02-02T11:57:37	1	0	1	0	1	1.0552	null	null	-0.9943	-0.9943	0.0000
2024-02-02T11:57:38	2	0	1	1	0	1.0410	1.0410	0.0000	0.9968	0.9968	0.0000
2024-02-02T11:58:02	4	0	5	6	-1	1.0583	1.0548	-0.0035	0.9881	0.9883	-0.0002

2024-02-02T12:00:17	1	0	2	1	1	1.0477	1.0391	-0.0086	0.9927	0.9927	0.0000
2024-02-02T12:02:20	2	0	2	1	1	0.9751	1.0127	0.0376	0.9815	0.9815	0.0000
2024-02-02T12:02:59	1	0	24	24	0	1.0498	1.0498	0.0000	0.9943	0.9943	0.0000
2024-02-02T12:03:19	1	0	50	49	1	1.0394	1.0389	-0.0005	-0.9949	-0.9949	0.0000
2024-02-02T12:03:33	2	0	17	15	2	1.0510	1.0501	-0.0009	-0.9834	-0.9868	0.0034
2024-02-02T12:06:39	2	0	1	1	0	1.0601	1.0601	0.0000	0.9998	0.9998	0.0000
2024-02-02T12:08:11	4	0	166	163	3	1.0582	1.0582	0.0000	-0.9739	-0.9739	0.0000
2024-02-02T12:09:21	6	0	22	22	0	1.0470	1.0470	0.0000	0.9669	0.967	-0.0001
2024-02-02T12:09:37	1	0	3	3	0	1.0362	1.0362	-0.0001	-0.9922	-0.9922	0.0000
2024-02-02T12:09:56	2	0	26	25	1	1.0468	1.0465	-0.0003	0.997	0.9969	0.0001
2024-02-02T12:10:56	1	0	14	14	0	1.0518	1.0516	-0.0003	0.9979	0.9979	0.0000
2024-02-02T12:12:39	1	0	1	1	0	1.0439	1.0439	0.0000	0.9968	0.9968	0.0000
2024-02-02T12:18:20	1	0	57	56	1	1.0063	1.0053	-0.0009	-0.9958	-0.9958	0.0000
2024-02-02T12:18:34	1	0	19	17	2	1.0518	1.0500	-0.0017	-0.9849	-0.9851	0.0002
2024-02-02T12:27:38	2	0	82	78	4	1.0588	1.0583	-0.0005	-0.9965	-0.9937	-0.0028
2024-02-02T12:27:44	1	0	19	18	1	1.0488	1.0484	-0.0004	-0.9998	-0.9998	0.0000
2024-02-02T12:28:07	1	0	3	3	0	1.0295	1.0295	0.0000	-1	1	0.0000
2024-02-02T12:33:55	2	0	7	8	-1	1.0429	1.0354	-0.0075	-0.9986	-0.9986	0.0000
2024-02-02T12:35:04	1	0	21	20	1	1.0534	1.0532	-0.0002	0.9874	0.9874	0.0000
2024-02-02T12:38:10	5	0	2	3	-1	1.0387	1.0376	-0.0011	-0.9991	-0.999	-0.0001
2024-02-02T12:38:13	1	0	177	175	2	1.0588	1.0588	0.0000	-0.9724	-0.9723	-0.0001
2024-02-02T12:41:03	1	0	3	3	0	1.0525	1.0525	0.0000	0.998	0.998	0.0000
2024-02-02T12:48:26	2	0	16	9	7	0.9893	1.0158	0.0265	0.9918	0.9919	-0.0001
2024-02-02T12:54:24	6	0	27	27	0	1.0494	1.0494	0.0000	0.9743	0.9708	0.0035
2024-02-02T12:57:46	2	0	24	23	1	1.0482	1.0479	-0.0003	-0.9997	-0.9997	0.0000
2024-02-02T13:02:24	2	0	1	1	0	1.0245	1.0245	0.0000	0.9855	0.9856	-0.0001
2024-02-02T13:05:57	1	0	8	9	-1	1.0543	1.0535	-0.0008	-0.8883	-0.8871	-0.0012
2024-02-02T13:06:16	1	0	4	4	0	1.0393	1.0392	-0.0001	0.9975	0.9976	-0.0001
2024-02-02T13:06:23	1	0	3	3	0	1.0443	1.0444	0.0000	0.9976	0.9976	0.0000
2024-02-02T13:08:15	4	0	189	187	2	1.0593	1.0593	0.0000	-0.9705	-0.9704	-0.0001
2024-02-02T13:14:10	3	0	9	10	-1	1.0553	1.0546	-0.0008	-0.9938	-0.9935	-0.0003
2024-02-02T13:23:16	6	0	216	214	2	1.0603	1.0602	-0.0001	-0.9749	-0.975	0.0001
2024-02-02T13:24:42	1	0	3	3	0	1.0378	1.0377	-0.0001	-0.9899	-0.9899	0.0000
2024-02-02T13:27:46	3	0	26	24	2	1.0484	1.0478	-0.0006	-0.9982	-0.9982	0.0000
2024-02-02T13:28:25	1	0	4	4	0	1.0317	1.0316	-0.0001	0.9961	0.9961	0.0000
2024-02-02T13:32:21	1	0	29	28	1	1.0453	1.0449	-0.0004	-0.9971	-0.997	-0.0001
2024-02-02T13:33:25	1	0	37	37	0	1.0133	1.0132	-0.0001	-0.9959	-0.9959	0.0000
2024-02-02T13:33:39	1	0	22	21	1	1.0505	1.0494	-0.0011	-0.9799	-0.9802	0.0003
2024-02-02T13:38:17	7	0	252	246	6	1.0611	1.0610	-0.0001	-0.9737	-0.9739	0.0002
2024-02-02T13:40:23	1	0	35	35	0	1.0531	1.0531	0.0000	0.9994	0.9994	0.0000
2024-02-02T13:44:12	3	0	13	13	0	1.0518	1.0518	-0.0001	-0.991	-0.9911	0.0001
2024-02-02T13:48:26	1	0	19	18	1	1.0407	1.0397	-0.0010	-0.996	-0.996	0.0000
2024-02-02T13:48:30	1	0	8	8	0	1.0304	1.0303	-0.0001	0.9903	0.9902	0.0001
2024-02-02T13:48:40	2	0	16	14	2	1.0523	1.0505	-0.0018	-0.9814	-0.9819	0.0005
2024-02-02T13:56:03	5	0	1	1	0	1.0358	1.0250	-0.0108	-0.9935	-0.9946	0.0011
2024-02-02T13:59:29	1	0	52	47	5	1.0512	1.0508	-0.0005	-0.9958	-0.9958	0.0000
2024-02-02T14:02:28	1	0	1	2	-1	1.0430	0.9939	-0.0491	0.9917	0.9917	0.0000
2024-02-02T14:03:27	1	0	50	48	2	0.9843	0.9815	-0.0028	-0.9977	-0.9978	0.0001
2024-02-02T14:03:41	2	0	20	19	1	1.0515	1.0496	-0.0020	-0.9779	-0.9784	0.0005
2024-02-02T14:05:11	1	0	14	14	0	1.0527	1.0527	0.0000	0.9991	0.9991	0.0000
2024-02-02T14:05:29	2	0	21	20	1	1.0510	1.0505	-0.0005	1	1	0.0000
2024-02-02T14:05:49	4	0	7	8	-1	1.0477	1.0474	-0.0002	-0.9931	-0.9928	-0.0003
2024-02-02T14:06:01	1	0	12	12	0	1.0552	1.0550	-0.0002	-0.7767	-0.7781	0.0014
2024-02-02T14:08:19	1	0	171	169	2	1.0588	1.0588	0.0000	-0.9739	-0.9739	0.0000
2024-02-02T14:09:45	1	0	4	4	0	1.0383	1.0383	0.0000	-0.9865	-0.9865	0.0000
2024-02-02T14:11:07	2	0	1	0	1	0.9441	null	null	-0.9904	-0.9925	0.0021
2024-02-02T14:12:45	1	0	4	4	0	1.0653	1.0624	-0.0030	-0.9906	-0.9921	0.0015
2024-02-02T14:12:47	1	0	2	2	0	1.0355	1.0354	-0.0002	0.9971	0.997	0.0001
2024-02-02T14:13:14	1	0	12	12	0	1.0430	1.0430	0.0000	0.9889	0.9888	0.0001
2024-02-02T14:14:14	4	0	86	86	0	1.0584	1.0583	-0.0001	-0.9895	-0.9898	0.0003
2024-02-02T14:14:38	3	0	78	70	8	1.0532	1.0528	-0.0004	-0.9952	-0.9952	0.0000
2024-02-02T14:15:27	1	0	2	2	0	1.0283	1.0282	-0.0001	0.9938	0.9937	0.0001
2024-02-02T14:15:44	1	0	1	0	1	1.0551	null	null	0.9976	0.9975	0.0001
2024-02-02T14:16:15	2	0	4	4	0	1.0227	1.0227	-0.0001	0.9603	0.9602	0.0001
2024-02-02T14:17:29	2	0	2	2	0	1.0293	1.0287	-0.0006	0.9884	0.9883	0.0001
2024-02-02T14:17:33	8	0	10	10	0	1.0491	1.0489	-0.0002	1	1	0.0000
2024-02-02T14:17:34	14	0	304	296	8	1.0571	1.0570	-0.0001	0.9817	0.9816	0.0001
2024-02-02T14:18:42	2	0	20	16	4	1.0489	1.0482	-0.0006	-0.9792	-0.9799	0.0007
2024-02-02T14:19:02	2	0	1	1	0	1.0220	1.0213	-0.0007	-0.9999	-0.9999	0.0000
2024-02-02T14:19:11	10	0	4	5	-1	1.0487	1.0473	-0.0014	1	1	0.0000
2024-02-02T14:20:12	2	0	25	23	2	1.0550	1.0547	-0.0002	0.9926	0.9914	0.0012
2024-02-02T14:20:30	3	0	27	27	0	1.0478	1.0477	-0.0001	-0.9992	-0.9993	0.0001
2024-02-02T14:20:31	8	0	7	7	0	1.0318	1.0321	0.0003	0.8552	0.8563	-0.0011
2024-02-02T14:20:50	4	0	10	10	0	1.0541	1.0539	-0.0002	-0.9854	-0.9862	0.0008
2024-02-02T14:20:51	5	0	51	51	0	1.0523	1.0522	0.0000	0.9999	0.9999	0.0000
2024-02-02T14:21:48	4	0	8	8	0	1.0518	1.0517	-0.0001	-0.9989	-0.999	0.0001
2024-02-02T14:22:09	4	0	5	6	-1	0.9422	0.9425	0.0003	0.9999	0.9999	0.0000
2024-02-02T14:22:52	1	0	1	1	0	1.0579	1.0578	-0.0001	0.9974	0.9974	0.0000
2024-02-02T14:23:09	5	0	17	14	3	1.0529	1.0528	0.0000	-0.9882	-0.9885	0.0003
2024-02-02T14:23:20	1	0	157	156	1	1.0580	1.0580	0.0000	-0.9776	-0.9776	0.0000
2024-02-02T14:24:33	3	0	8	9	-1	1.0529	1.0532	0.0003	0.9791	0.9792	-0.0001
2024-02-02T14:25:21	2	0	1	1	0	1.0452	1.0452	0.0000	0.9992	0.9993	-0.0001
2024-02-02T14:26:54	1	0	2	2	0	1.0195	1.0191	-0.0003	0.9819	0.9819	0.0000
2024-02-02T14:27:48	1	0	2	2	0	1.0350	1.0350	-0.0001	0.9972	0.9972	0.0000
2024-02-02T14:28:10	1	0	31	30	1	1.0273	1.0262	-0.0010	-0.9906	-0.9906	0.0000

2024-02-02T14:28:15	1	0	6	6	0	1.0489	1.0489	-0.0001	0.9893	0.9893	0.0000
2024-02-02T14:29:15	4	0	88	88	0	1.0576	1.0575	-0.0001	-0.99	-0.9902	0.0002
2024-02-02T14:29:39	2	0	82	82	0	1.0531	1.0531	0.0000	-0.9948	-0.9948	0.0000
2024-02-02T14:30:26	3	0	2	0	2	1.0128	null	null	0.9689	0.9688	0.0001
2024-02-02T14:30:28	1	0	2	2	0	1.0344	1.0343	-0.0001	0.9933	0.9933	0.0000
2024-02-02T14:31:02	1	0	19	18	1	1.0484	1.0486	0.0002	0.9886	0.9886	0.0000
2024-02-02T14:31:16	4	0	2	2	0	1.0291	1.0286	-0.0006	0.965	0.9643	0.0007
2024-02-02T14:31:48	2	0	6	6	0	1.0598	1.0596	-0.0001	0.9908	0.9907	0.0001
2024-02-02T14:32:30	2	0	2	2	0	1.0221	1.0220	-0.0001	0.9895	0.9895	0.0000
2024-02-02T14:32:41	8	0	14	14	0	1.0505	1.0501	-0.0004	1	1	0.0000
2024-02-02T14:32:42	7	0	276	272	4	1.0563	1.0563	0.0000	0.9789	0.9788	0.0001
2024-02-02T14:33:33	1	0	2	2	0	1.0469	1.0468	-0.0001	0.9925	0.9925	0.0000
2024-02-02T14:33:43	2	0	19	17	2	1.0487	1.0476	-0.0011	-0.9783	-0.9791	0.0008
2024-02-02T14:34:12	9	0	15	13	2	1.0456	1.0459	0.0003	1	1	0.0000
2024-02-02T14:34:34	1	0	4	4	0	1.0549	1.0549	0.0000	0.9942	0.9942	0.0000
2024-02-02T14:35:13	2	0	12	10	2	1.0540	1.0536	-0.0003	0.9991	0.9991	0.0000
2024-02-02T14:35:15	2	0	22	20	2	1.0540	1.0537	-0.0003	0.9899	0.9886	0.0013
2024-02-02T14:35:31	1	0	22	22	0	1.0484	1.0484	0.0000	1	1	0.0000
2024-02-02T14:35:36	2	0	6	6	0	1.0437	1.0434	-0.0002	0.8617	0.8615	0.0002
2024-02-02T14:35:51	3	0	10	10	0	1.0536	1.0535	-0.0001	-0.9815	-0.9822	0.0007
2024-02-02T14:35:59	5	0	2	1	1	1.0520	1.0565	0.0044	-1	0.9987	0.0013
2024-02-02T14:36:01	4	0	57	54	3	1.0516	1.0515	-0.0001	0.9999	0.9999	0.0000
2024-02-02T14:36:03	1	0	7	7	0	1.0512	1.0511	-0.0002	-0.7959	-0.7971	0.0012
2024-02-02T14:36:22	2	0	3	3	0	1.0404	1.0403	-0.0001	0.9956	0.9957	-0.0001
2024-02-02T14:36:49	2	0	6	6	0	1.0528	1.0528	0.0000	-0.9987	-0.9987	0.0000
2024-02-02T14:37:10	2	0	1	1	0	0.9398	0.9400	0.0002	0.9999	0.9999	0.0000
2024-02-02T14:38:21	1	0	197	195	2	1.0600	1.0600	0.0000	-0.9694	-0.9694	0.0000
2024-02-02T14:39:31	6	0	31	31	0	1.0490	1.0489	-0.0001	0.9741	0.9738	0.0003
2024-02-02T14:40:06	1	0	46	46	0	1.0470	1.0470	0.0000	0.9969	0.9969	0.0000
2024-02-02T14:41:08	1	0	3	3	0	0.9504	0.9507	0.0004	-0.9929	-0.9926	-0.0003
2024-02-02T14:41:27	2	0	7	7	0	1.0320	1.0319	-0.0001	0.9948	0.9946	0.0002
2024-02-02T14:43:11	1	0	52	49	3	1.0164	1.0138	-0.0026	-0.9935	-0.9935	0.0000
2024-02-02T14:43:16	1	0	5	5	0	1.0578	1.0577	0.0000	0.9862	0.9862	0.0000
2024-02-02T14:44:16	4	0	78	78	0	1.0571	1.0571	-0.0001	-0.9905	-0.9906	0.0001
2024-02-02T14:44:46	2	0	28	28	0	1.0485	1.0485	0.0000	-0.9962	-0.9962	0.0000
2024-02-02T14:45:29	1	0	1	1	0	1.0284	1.0284	0.0000	0.9935	0.9935	0.0000
2024-02-02T14:46:03	3	0	3	3	0	1.0084	1.0081	-0.0003	0.9499	0.9219	0.0280
2024-02-02T14:46:17	1	0	3	3	0	1.0246	1.0244	-0.0002	0.9642	0.9638	0.0004
2024-02-02T14:48:44	1	0	19	17	2	1.0497	1.0485	-0.0012	-0.983	-0.9869	0.0039
2024-02-02T14:49:14	3	0	12	12	0	1.0427	1.0427	0.0000	1	1	0.0000
2024-02-02T14:50:14	1	0	13	13	0	1.0513	1.0512	-0.0001	0.9986	0.9986	0.0000
2024-02-02T14:50:19	2	0	16	13	3	1.0540	1.0560	0.0020	-0.8661	-0.8671	0.0010
2024-02-02T14:50:19	1	0	19	18	1	1.0535	1.0533	-0.0002	0.9895	0.9883	0.0012
2024-02-02T14:50:32	2	0	28	27	1	1.0501	1.0499	-0.0002	-1	-1	0.0000
2024-02-02T14:53:22	2	0	198	197	1	1.0605	1.0605	0.0000	-0.9708	-0.9708	0.0000
2024-02-02T14:54:32	1	0	44	44	0	1.0498	1.0498	0.0000	0.9726	0.9728	-0.0002
2024-02-02T14:54:38	3	0	5	5	0	1.0272	1.0272	0.0000	0.9714	0.9712	0.0002
2024-02-02T14:56:06	1	0	5	5	0	1.0374	1.0374	0.0000	0.9961	0.9961	0.0000
2024-02-02T14:56:12	1	0	9	9	0	1.0484	1.0482	-0.0002	0.9986	0.9985	0.0001
2024-02-02T14:57:50	1	0	2	2	0	1.0353	1.0353	0.0000	0.9973	0.9972	0.0001
2024-02-02T14:58:12	1	0	37	36	1	1.0019	1.0003	-0.0015	-0.9922	-0.9922	0.0000
2024-02-02T14:59:38	3	0	35	34	1	1.0543	1.0542	0.0000	0.9972	0.9973	-0.0001
2024-02-02T14:59:47	1	0	36	36	0	1.0501	1.0501	0.0000	-0.9954	-0.9954	0.0000
2024-02-02T15:01:50	1	0	90	90	0	1.0571	1.0570	-0.0001	0.9938	0.9937	0.0001
2024-02-02T15:03:45	1	0	19	18	1	1.0493	1.0476	-0.0017	-0.9792	-0.9798	0.0006
2024-02-02T15:04:28	1	0	2	2	0	1.0386	1.0385	-0.0001	-0.9995	-0.9995	0.0000
2024-02-02T15:05:21	1	0	23	20	3	1.0554	1.0552	-0.0003	0.9927	0.9918	0.0009
2024-02-02T15:06:19	2	0	66	64	2	1.0531	1.0531	0.0000	-0.9999	-0.9999	0.0000
2024-02-02T15:08:23	8	0	315	292	23	1.0609	1.0609	-0.0001	-0.9644	-0.9645	0.0001
2024-02-02T15:10:24	2	0	1	1	0	0.9767	0.9768	0.0001	0.9949	0.995	-0.0001
2024-02-02T15:13:13	1	0	43	39	4	1.0433	1.0419	-0.0014	-0.991	-0.991	0.0000
2024-02-02T15:13:32	1	0	2	2	0	1.0275	1.0273	-0.0001	0.9934	0.9933	0.0001
2024-02-02T15:14:39	1	0	28	28	0	1.0528	1.0528	0.0000	0.9971	0.9971	0.0000
2024-02-02T15:14:48	1	0	58	56	2	1.0530	1.0529	-0.0001	-0.9951	-0.9951	0.0000
2024-02-02T15:17:28	2	0	4	4	0	1.0434	1.0432	-0.0002	0.9993	0.9993	0.0000
2024-02-02T15:19:06	2	0	1	1	0	1.0200	1.0198	-0.0002	-1	-1	0.0000
2024-02-02T15:20:23	1	0	43	38	5	1.0561	1.0558	-0.0002	0.994	0.9932	0.0008
2024-02-02T15:20:39	1	0	11	11	0	1.0327	1.0327	0.0000	0.8603	0.8604	-0.0001
2024-02-02T15:20:54	3	0	12	12	0	1.0529	1.0528	0.0000	-0.9822	-0.9828	0.0006
2024-02-02T15:22:45	3	0	23	22	1	1.0486	1.0497	0.0010	0.9972	0.9972	0.0000
2024-02-02T15:23:36	7	0	324	319	5	1.0609	1.0608	-0.0001	-0.9697	-0.9697	0.0000
2024-02-02T15:26:08	1	0	15	15	0	1.0414	1.0413	0.0000	0.9981	0.9981	0.0000
2024-02-02T15:28:14	1	0	68	65	3	1.0438	1.0431	-0.0007	-0.9899	-0.9899	0.0000
2024-02-02T15:32:29	1	0	7	7	0	1.0393	1.0393	0.0000	0.9987	0.9987	0.0000
2024-02-02T15:32:34	1	0	4	5	-1	1.0307	1.0135	-0.0172	0.9821	0.9822	-0.0001
2024-02-02T15:33:11	1	0	32	31	1	1.0550	1.0550	0.0000	0.9677	0.9676	0.0001
2024-02-02T15:35:42	1	0	42	42	0	1.0528	1.0528	0.0000	-0.9998	-0.9998	0.0000
2024-02-02T15:35:55	1	0	12	12	0	1.0532	1.0531	0.0000	-0.9841	-0.9849	0.0008
2024-02-02T15:41:26	6	0	3	1	2	0.9438	0.9447	0.0009	0.9984	0.9985	-0.0001
2024-02-02T15:43:20	1	0	22	21	1	0.9400	0.9401	0.0001	0.996	0.996	0.0000
2024-02-02T15:48:02	1	0	3	3	0	1.0312	1.0309	-0.0003	0.9995	0.9995	0.0000
2024-02-02T15:48:48	1	0	16	15	1	1.0482	1.0472	-0.0009	-0.9846	-0.9816	-0.0030
2024-02-02T15:50:43	1	0	27	27	0	1.0534	1.0533	0.0000	-1	1	0.0000
2024-02-02T15:56:03	2	0	4	4	0	0.9943	0.9940	-0.0003	0.9561	0.9595	-0.0034
2024-02-02T15:59:58	2	0	112	115	-3	1.0538	1.0539	0.0001	-0.9944	-0.9946	0.0002

2024-02-02T16:01:10	7	0	9	8	1	1.0404	1.0374	-0.0030	0.9567	0.9601	-0.0034
2024-02-02T16:01:10	1	0	104	103	1	1.0588	1.0589	0.0001	-0.9303	-0.93	-0.0003
2024-02-02T16:03:49	1	0	14	14	0	1.0481	1.0478	-0.0003	-0.9854	-0.9858	0.0004
2024-02-02T16:08:39	5	0	2	1	1	0.9433	0.9433	0.0000	0.9882	0.9885	-0.0003
2024-02-02T16:11:18	1	0	24	20	4	0.9437	0.9437	0.0000	-0.984	-0.9835	-0.0005
2024-02-02T16:18:40	1	0	10	10	0	0.9822	0.9825	0.0003	0.9928	0.9929	-0.0001
2024-02-02T16:18:50	1	0	15	15	0	1.0475	1.0473	-0.0002	-0.983	-0.9834	0.0004
2024-02-02T16:18:53	1	0	4	4	0	0.9508	0.9510	0.0002	0.964	0.964	0.0000
2024-02-02T16:19:36	1	0	2	2	0	1.0147	1.0145	-0.0002	0.9927	0.9926	0.0001
2024-02-02T16:33:51	1	0	15	15	0	1.0476	1.0474	-0.0002	-0.9839	-0.984	0.0001
2024-02-02T16:44:45	1	0	23	22	1	1.0515	1.0517	0.0002	0.9976	0.9973	0.0003
2024-02-02T16:48:52	1	0	14	14	0	1.0472	1.0470	-0.0002	-0.9881	-0.9881	0.0000
2024-02-02T16:52:16	3	0	123	123	0	1.0610	1.0610	0.0000	0.9916	0.9916	0.0000
2024-02-02T16:59:46	1	0	17	17	0	1.0499	1.0499	0.0000	0.9975	0.9975	0.0000
2024-02-02T17:03:43	1	0	63	34	29	0.9610	0.9615	0.0005	0.9933	0.9934	-0.0001
2024-02-02T17:03:53	1	0	6	6	0	1.0479	1.0476	-0.0002	-0.9881	-0.988	-0.0001
2024-02-03T07:51:37	3	0	46	45	1	0.9730	0.9731	0.0001	-0.9997	-0.9996	-0.0001
2024-02-03T07:54:22	1	0	2	2	0	1.0352	1.0352	0.0000	-0.9584	-0.9574	-0.0010
2024-02-03T07:55:27	1	0	34	30	4	0.9436	0.9434	-0.0002	-0.9869	-0.9864	-0.0005
2024-02-03T08:03:07	1	0	92	92	0	0.9356	0.9357	0.0002	0.9941	0.9941	0.0000
2024-02-03T08:06:44	2	0	65	64	1	0.9320	0.9322	0.0001	-0.997	-0.9965	-0.0005
2024-02-03T08:10:08	1	0	159	159	0	1.0584	1.0584	0.0000	0.9985	0.9985	0.0000
2024-02-03T08:10:58	1	0	61	62	-1	0.9443	0.9443	0.0001	0.9971	0.9971	0.0000
2024-02-03T08:21:39	5	0	84	78	6	0.9634	0.9636	0.0002	-0.9999	-0.9999	0.0000
2024-02-03T08:35:12	2	0	20	18	2	0.9419	0.9420	0.0001	-0.9392	-0.9376	-0.0016
2024-02-03T08:50:13	2	0	34	32	2	0.9461	0.9463	0.0002	-0.9526	-0.9513	-0.0013
2024-02-03T08:51:21	1	0	6	6	0	0.9606	0.9607	0.0001	0.9977	0.9977	0.0000
2024-02-03T08:51:39	1	0	5	5	0	0.9410	0.9413	0.0004	0.9965	0.9966	-0.0001
2024-02-03T08:55:31	2	0	20	20	0	0.9471	0.9469	-0.0002	-0.9891	-0.9889	-0.0002
2024-02-03T09:03:21	1	0	33	17	16	0.9418	0.9428	0.0009	0.9939	0.9939	0.0000
2024-02-03T09:05:05	2	0	18	18	0	1.0490	1.0490	0.0000	-0.9995	-0.9995	0.0000
2024-02-03T09:06:22	1	0	5	5	0	0.9510	0.9511	0.0001	0.998	0.998	0.0000
2024-02-03T09:06:40	1	0	1	1	0	0.9396	0.9401	0.0005	0.998	0.9981	-0.0001
2024-02-03T09:06:45	2	0	27	24	3	1.0522	1.0517	-0.0006	-0.9997	-0.9997	0.0000
2024-02-03T09:09:34	1	0	69	67	2	0.9401	0.9406	0.0005	-0.998	-0.9979	-0.0001
2024-02-03T09:10:17	1	0	209	207	2	1.0591	1.0591	0.0000	0.9987	0.9987	0.0000
2024-02-03T09:11:02	1	0	42	42	0	0.9484	0.9487	0.0003	0.9976	0.9976	0.0000
2024-02-03T09:20:12	1	0	7	7	0	1.0369	1.0368	-0.0001	0.9881	0.9881	0.0000
2024-02-03T09:21:49	2	0	22	18	4	0.9405	0.9412	0.0007	-0.9911	-0.991	-0.0001
2024-02-03T09:29:20	1	0	6	6	0	1.0460	1.0459	-0.0002	0.9979	0.9978	0.0001
2024-02-03T09:31:21	2	0	3	3	0	1.0257	1.0254	-0.0002	0.9975	0.9974	0.0001
2024-02-03T09:32:43	2	0	21	20	1	1.0519	1.0516	-0.0003	0.9543	0.9543	0.0000
2024-02-03T09:33:27	3	0	6	6	0	0.9477	0.9480	0.0004	0.9816	0.9819	-0.0003
2024-02-03T09:35:07	3	0	35	33	2	1.0526	1.0524	-0.0002	-0.9993	-0.9993	0.0000
2024-02-03T09:35:22	2	0	4	4	0	1.0292	1.0292	-0.0001	-0.9848	-0.9849	0.0001
2024-02-03T09:43:36	1	0	1	1	0	1.0269	1.0260	-0.0009	-0.9979	-0.998	0.0001
2024-02-03T09:45:35	2	0	1	2	-1	0.9666	0.9744	0.0078	1	1	0.0000
2024-02-03T09:45:38	1	0	4	4	0	1.0412	1.0411	-0.0002	0.9981	0.9981	0.0000
2024-02-03T09:49:10	1	0	5	5	0	0.9814	0.9813	-0.0001	0.9725	0.9724	0.0001
2024-02-03T09:49:51	2	0	1	1	0	1.0237	1.0231	-0.0006	0.9761	0.9762	-0.0001
2024-02-03T09:50:14	3	0	9	9	0	1.0236	1.0235	-0.0001	0.9637	0.9639	-0.0002
2024-02-03T09:50:19	5	0	2	2	0	1.0438	1.0427	-0.0011	-0.9996	-0.9997	0.0001
2024-02-03T09:50:45	1	0	9	9	0	1.0509	1.0507	-0.0002	-0.7479	-0.7493	0.0014
2024-02-03T09:51:48	8	0	100	99	1	1.0266	1.0315	0.0049	-0.9998	-0.9997	-0.0001
2024-02-03T09:53:56	1	0	67	59	8	0.9441	0.9444	0.0003	0.9748	0.9749	-0.0001
2024-02-03T09:54:16	2	0	1	1	0	1.0365	1.0359	-0.0006	0.9958	0.9989	-0.0031
2024-02-03T09:55:02	2	0	12	12	0	1.0515	1.0515	0.0000	-0.9787	-0.9787	0.0000
2024-02-03T09:58:57	1	0	2	2	0	1.0512	1.0509	-0.0002	-0.9924	-0.9924	0.0000
2024-02-03T10:00:08	4	0	3	3	0	1.0297	1.0292	-0.0005	0.9833	0.983	0.0003
2024-02-03T10:00:10	3	0	1	0	1	1.0556	null	null	-0.9862	-0.9861	-0.0001
2024-02-03T10:00:57	7	0	4	4	0	1.0078	1.0074	-0.0004	0.9961	0.996	0.0001
2024-02-03T10:01:32	4	0	1	1	0	1.0395	1.0384	-0.0011	-0.9827	-0.9681	-0.0146
2024-02-03T10:01:35	1	0	32	31	1	1.0491	1.0489	-0.0002	0.9951	0.9951	0.0000
2024-02-03T10:02:06	3	0	34	34	0	1.0500	1.0492	-0.0008	-0.9994	-0.9994	0.0000
2024-02-03T10:02:45	2	0	33	32	1	1.0545	1.0544	-0.0001	0.9417	0.9417	0.0000
2024-02-03T10:03:29	1	0	2	0	2	1.0452	null	null	-0.987	-0.9871	0.0001
2024-02-03T10:03:35	4	0	5	5	0	1.0484	1.0471	-0.0013	-0.9736	-0.9739	0.0003
2024-02-03T10:03:57	1	0	1	1	0	0.9412	0.9415	0.0003	0.9962	0.9962	0.0000
2024-02-03T10:04:39	5	0	17	14	3	1.0529	1.0520	-0.0009	0.9998	0.9997	0.0001
2024-02-03T10:05:34	3	0	4	4	0	1.0478	1.0472	-0.0006	-0.9819	-0.9827	0.0008
2024-02-03T10:06:26	1	0	7	7	0	0.9922	0.9921	-0.0001	0.9986	0.9986	0.0000
2024-02-03T10:10:34	1	0	253	255	-2	1.0595	1.0594	-0.0002	0.9993	0.9993	0.0000
2024-02-03T10:10:49	1	0	3	3	0	1.0190	1.0188	-0.0002	0.9932	0.9932	0.0000
2024-02-03T10:12:33	1	0	2	2	0	1.0341	1.0339	-0.0002	0.9983	0.9982	0.0001
2024-02-03T10:12:54	1	0	16	16	0	1.0415	1.0414	0.0000	0.9902	0.9901	0.0001
2024-02-03T10:13:15	2	0	1	1	0	1.0037	1.0031	-0.0006	-0.9932	-0.9932	0.0000
2024-02-03T10:13:36	2	0	13	13	0	0.9632	0.9633	0.0000	0.9947	0.9947	0.0000
2024-02-03T10:14:13	2	0	19	18	1	1.0483	1.0485	0.0002	-0.9943	-0.9944	0.0001
2024-02-03T10:14:23	5	0	9	8	1	1.0479	1.0480	0.0001	0.998	0.998	0.0000
2024-02-03T10:15:28	3	0	15	15	0	1.0459	1.0458	-0.0001	-0.9849	-0.9851	0.0002
2024-02-03T10:17:06	2	0	3	3	0	0.9980	0.9982	0.0002	-0.9968	-0.9967	-0.0001
2024-02-03T10:17:11	4	0	32	32	0	1.0496	1.0487	-0.0009	-0.9994	-0.9995	0.0001
2024-02-03T10:18:35	1	0	2	1	1	1.0461	1.0453	-0.0008	-0.9883	-0.9887	0.0004
2024-02-03T10:18:36	1	0	8	8	0	1.0496	1.0493	-0.0002	-0.9704	-0.9703	-0.0001
2024-02-03T10:20:00	2	0	9	7	2	1.0522	1.0521	-0.0001	-0.8562	-0.8569	0.0007

2024-02-03T10:21:27	2	0	2	2	0	1.0127	1.0124	-0.0003	0.9984	0.9984	0.0000
2024-02-03T10:24:13	1	0	1	1	0	0.9863	0.9866	0.0003	0.9808	0.9809	-0.0001
2024-02-03T10:27:57	1	0	17	17	0	1.0408	1.0408	0.0000	0.984	0.9839	0.0001
2024-02-03T10:29:14	1	0	12	12	0	1.0464	1.0463	-0.0001	-0.9972	-0.9973	0.0001
2024-02-03T10:29:24	1	0	7	7	0	1.0477	1.0477	0.0000	0.9979	0.998	-0.0001
2024-02-03T10:29:44	1	0	2	2	0	1.0163	1.0159	-0.0004	0.9799	0.9798	0.0001
2024-02-03T10:30:58	1	0	3	3	0	1.0145	1.0143	-0.0002	0.9967	0.9967	0.0000
2024-02-03T10:33:36	1	0	2	1	1	1.0462	1.0452	-0.0010	-0.9833	-0.9838	0.0005
2024-02-03T10:33:37	6	0	3	3	0	1.0467	1.0463	-0.0004	-0.9719	-0.9723	0.0004
2024-02-03T10:33:41	1	0	2	2	0	1.0387	1.0385	-0.0003	-1	-1	0.0000
2024-02-03T10:35:00	1	0	39	38	1	1.0547	1.0548	0.0001	0.9983	0.9983	0.0000
2024-02-03T10:35:25	2	0	16	11	5	0.9463	0.9490	0.0028	-0.9947	-0.9939	-0.0008
2024-02-03T10:35:26	1	0	2	2	0	1.0440	1.0435	-0.0005	-0.9995	-0.9996	0.0001
2024-02-03T10:36:54	5	0	4	3	1	1.0136	1.0059	-0.0077	-0.9899	-0.9903	0.0004
2024-02-03T10:36:56	1	0	87	84	3	1.0618	1.0614	-0.0003	-0.9995	-0.9995	0.0000
2024-02-03T10:39:17	4	0	25	25	0	1.0495	1.0494	-0.0001	0.9763	0.9762	0.0001
2024-02-03T10:40:38	3	0	2	2	0	1.0271	1.0253	-0.0017	-0.9851	-0.9859	0.0008
2024-02-03T10:42:58	6	0	26	26	0	1.0422	1.0420	-0.0002	0.9902	0.9898	0.0004
2024-02-03T10:44:15	1	0	11	10	1	1.0484	1.0486	0.0003	-0.997	-0.997	0.0000
2024-02-03T10:47:01	2	0	3	3	0	1.0265	1.0263	-0.0002	0.9977	0.9976	0.0001
2024-02-03T10:47:21	2	0	34	30	4	1.0493	1.0492	-0.0001	-0.9994	-0.9994	0.0000
2024-02-03T10:48:34	1	0	1	1	0	0.9404	0.9407	0.0003	0.9846	0.9843	0.0003
2024-02-03T10:48:37	1	0	2	1	1	1.0462	1.0452	-0.0010	-0.9804	-0.9809	0.0005
2024-02-03T10:49:55	1	0	2	2	0	1.0281	1.0278	-0.0002	0.9772	0.9774	-0.0002
2024-02-03T10:50:37	1	0	6	6	0	1.0509	1.0507	-0.0002	-0.983	-0.984	0.0010
2024-02-03T10:51:11	2	0	2	2	0	1.0341	1.0338	-0.0003	-0.9958	-0.9959	0.0001
2024-02-03T10:54:18	3	0	40	39	1	1.0502	1.0501	-0.0001	0.9752	0.9753	-0.0001
2024-02-03T10:56:42	2	0	5	5	0	0.9538	0.9540	0.0002	0.9923	0.9922	0.0001
2024-02-03T10:57:53	1	0	51	47	4	1.0539	1.0536	-0.0003	0.9872	0.9871	0.0001
2024-02-03T10:57:59	1	0	15	15	0	1.0418	1.0418	-0.0001	0.9828	0.9827	0.0001
2024-02-03T10:59:16	1	0	11	11	0	1.0502	1.0502	0.0000	-0.9966	-0.9966	0.0000
2024-02-03T10:59:26	1	0	10	10	0	1.0495	1.0495	0.0000	0.9985	0.9986	-0.0001
2024-02-03T10:59:46	1	0	2	2	0	1.0144	1.0142	-0.0003	0.9789	0.9789	0.0000
2024-02-03T11:00:14	1	0	1	1	0	1.0273	1.0269	-0.0004	-0.9776	-0.9777	0.0001
2024-02-03T11:00:31	1	0	4	4	0	1.0415	1.0413	-0.0002	-0.9846	-0.9847	0.0001
2024-02-03T11:01:07	1	0	4	4	0	1.0139	1.0137	-0.0002	0.9968	0.9967	0.0001
2024-02-03T11:01:21	1	0	2	2	0	1.0400	1.0394	-0.0006	0.9974	0.9973	0.0001
2024-02-03T11:01:33	1	0	1	0	1	1.0554	null	null	-0.9988	-0.9988	0.0000
2024-02-03T11:01:48	1	0	1	0	1	1.0405	null	null	-0.9998	-0.9998	0.0000
2024-02-03T11:01:52	1	0	26	25	1	1.0482	1.0484	0.0002	-0.9516	-0.9516	0.0000
2024-02-03T11:02:26	2	0	30	30	0	1.0513	1.0510	-0.0003	-0.9996	-0.9997	0.0001
2024-02-03T11:03:35	1	0	7	7	0	0.9582	0.9582	0.0000	0.9818	0.9817	0.0001
2024-02-03T11:03:43	1	0	2	2	0	1.0329	1.0327	-0.0003	0.9994	0.9994	0.0000
2024-02-03T11:03:55	1	0	1	1	0	1.0437	1.0434	-0.0003	-0.9855	-0.9855	0.0000
2024-02-03T11:05:28	2	0	2	2	0	1.0323	1.0320	-0.0003	-0.9841	-0.9841	0.0000
2024-02-03T11:05:41	1	0	4	4	0	0.9752	0.9750	-0.0002	-0.9991	-0.9989	-0.0002
2024-02-03T11:10:06	4	0	5	3	2	1.0274	1.0446	0.0172	-0.9977	-0.9979	0.0002
2024-02-03T11:10:16	1	0	38	37	1	1.0534	1.0534	0.0000	0.9971	0.9971	0.0000
2024-02-03T11:10:58	1	0	268	254	14	1.0605	1.0601	-0.0003	0.9991	0.9991	0.0000
2024-02-03T11:11:12	3	0	4	4	0	1.0381	1.0376	-0.0006	0.9915	0.9912	0.0003
2024-02-03T11:12:54	1	0	54	52	2	1.0539	1.0539	-0.0001	0.9869	0.9869	0.0000
2024-02-03T11:13:34	2	0	18	15	3	1.0523	1.0518	-0.0005	-0.958	-0.9582	0.0002
2024-02-03T11:13:37	1	0	6	6	0	1.0441	1.0441	-0.0001	-0.9965	-0.9965	0.0000
2024-02-03T11:14:17	1	0	12	12	0	1.0481	1.0481	0.0000	-0.9971	-0.9971	0.0000
2024-02-03T11:15:44	1	0	3	3	0	1.0411	1.0410	-0.0001	0.998	0.998	0.0000
2024-02-03T11:15:50	1	0	6	6	0	1.0546	1.0546	0.0000	-0.9721	-0.9724	0.0003
2024-02-03T11:16:08	3	0	5	5	0	1.0164	1.0158	-0.0006	0.9968	0.9966	0.0002
2024-02-03T11:20:51	3	0	2	2	0	1.0676	1.0667	-0.0010	0.8635	0.9074	-0.0439
2024-02-03T11:21:38	2	0	4	4	0	1.0554	1.0552	-0.0002	-0.993	-0.9932	0.0002
2024-02-03T11:24:20	1	0	14	14	0	1.0455	1.0455	0.0000	0.972	0.9739	-0.0019
2024-02-03T11:25:14	1	0	5	4	1	1.0461	1.0428	-0.0033	-0.9977	-0.9978	0.0001
2024-02-03T11:25:17	1	0	35	34	1	1.0522	1.0522	0.0000	0.9966	0.9966	0.0000
2024-02-03T11:25:54	1	0	5	5	0	0.9902	0.9905	0.0002	0.9941	0.9944	-0.0003
2024-02-03T11:26:17	1	0	5	5	0	1.0478	1.0477	-0.0001	-0.9206	-0.9209	0.0003
2024-02-03T11:26:41	1	0	1	1	0	1.0571	1.0569	-0.0002	0.9537	0.9507	0.0030
2024-02-03T11:27:11	1	0	5	5	0	1.0481	1.0481	0.0000	0.9978	0.9978	0.0000
2024-02-03T11:27:57	1	0	79	79	0	1.0548	1.0548	-0.0001	0.9875	0.9874	0.0001
2024-02-03T11:31:29	2	0	1	1	0	1.0332	1.0331	-0.0001	0.9965	0.9965	0.0000
2024-02-03T11:31:35	1	0	2	2	0	1.0405	1.0403	-0.0002	-0.9957	-0.9957	0.0000
2024-02-03T11:31:54	1	0	41	40	1	1.0490	1.0488	-0.0002	-0.9452	-0.9451	-0.0001
2024-02-03T11:32:25	1	0	1	1	0	1.0565	1.0555	-0.0010	0.9861	0.986	0.0001
2024-02-03T11:32:36	11	0	44	43	1	1.0551	1.0550	-0.0001	-0.9995	-0.9995	0.0000
2024-02-03T11:33:59	1	0	1	0	1	1.0269	null	null	-0.9936	-0.9936	0.0000
2024-02-03T11:35:05	2	0	4	5	-1	1.0528	1.0514	-0.0014	-0.853	-0.8522	-0.0008
2024-02-03T11:35:55	4	0	4	4	0	1.0562	1.0562	0.0000	0.9069	0.9084	-0.0015
2024-02-03T11:40:09	1	0	37	37	0	1.0708	1.0708	0.0000	-0.9662	-0.9662	0.0000
2024-02-03T11:40:18	1	0	67	67	0	1.0567	1.0567	0.0000	0.997	0.997	0.0000
2024-02-03T11:40:21	4	0	5	4	1	1.0517	1.0494	-0.0023	-0.9961	-0.9961	0.0000
2024-02-03T11:40:42	4	0	10	5	5	0.9439	0.9596	0.0157	-0.9928	-0.9912	-0.0016
2024-02-03T11:41:14	6	0	8	8	0	1.0391	1.0391	0.0000	0.994	0.994	0.0000
2024-02-03T11:41:45	2	0	4	5	-1	0.9568	0.9544	-0.0024	0.9928	0.9928	0.0000
2024-02-03T11:42:43	1	0	1	1	0	1.0439	1.0438	-0.0001	0.9984	0.9984	0.0000
2024-02-03T11:43:39	1	0	1	1	0	1.0554	1.0554	0.0000	0.9991	0.9991	0.0000
2024-02-03T11:46:30	2	0	1	1	0	1.0318	1.0317	-0.0001	0.9966	0.9966	0.0000
2024-02-03T11:48:41	2	0	2	0	2	1.0454	null	null	-0.9806	-0.9809	0.0003

2024-02-03T11:55:45	4	0	12	20	-8	0.9611	0.9518	-0.0093	-0.9852	-0.9863	0.0011
2024-02-03T11:56:32	6	0	3	4	-1	1.0382	1.0425	0.0043	0.987	0.9871	-0.0001
2024-02-03T11:57:44	1	0	1	1	0	1.0399	1.0399	0.0000	0.9988	0.9988	0.0000
2024-02-03T11:58:38	2	0	1	1	0	1.1080	1.1080	0.0000	-0.9586	-0.9584	-0.0002
2024-02-03T11:58:45	1	0	1	1	0	1.0569	1.0568	-0.0001	0.9989	0.9989	0.0000
2024-02-03T12:01:14	2	0	11	10	1	1.0472	1.0464	-0.0008	-0.9917	-0.9917	0.0000
2024-02-03T12:01:52	1	0	1	1	0	1.0398	1.0395	-0.0003	1	1	0.0000
2024-02-03T12:02:24	2	0	2	2	0	1.0352	1.0349	-0.0004	0.9909	0.991	-0.0001
2024-02-03T12:04:01	1	0	1	1	0	1.0563	1.0563	0.0000	-0.9926	-0.9926	0.0000
2024-02-03T12:10:23	1	0	36	22	14	1.0517	1.0494	-0.0024	0.9949	0.991	0.0039
2024-02-03T12:10:29	4	0	5	7	-2	1.0470	1.0497	0.0027	-0.9958	-0.9957	-0.0001
2024-02-03T12:15:52	1	0	12	11	1	1.0491	1.0485	-0.0006	0.9886	0.9886	0.0000
2024-02-03T12:16:34	2	0	1	1	0	1.0360	1.0359	-0.0001	0.9974	0.9974	0.0000
2024-02-03T12:21:01	4	0	8	9	-1	1.0523	1.0517	-0.0005	0.9536	0.947	0.0066
2024-02-03T12:25:35	1	0	6	7	-1	1.0454	1.0468	0.0014	-0.997	-0.997	0.0000
2024-02-03T12:26:55	2	0	3	5	-2	0.9373	0.9539	0.0165	0.9924	0.9924	0.0000
2024-02-03T12:31:39	1	0	6	7	-1	1.0547	1.0548	0.0001	-0.9854	-0.9853	-0.0001
2024-02-03T12:32:56	2	0	7	9	-2	1.0514	1.0528	0.0015	0.952	0.9483	0.0037
2024-02-03T12:33:44	1	0	4	3	1	1.0510	1.0491	-0.0019	-0.972	-0.9768	0.0048
2024-02-03T12:41:35	6	0	2	3	-1	1.0416	1.0462	0.0046	0.986	0.9862	-0.0002
2024-02-03T12:42:41	1	0	4	4	0	1.0573	1.0559	-0.0014	-0.9999	-0.9999	0.0000
2024-02-03T12:47:27	2	0	1	1	0	1.0199	1.0190	-0.0009	0.9919	0.992	-0.0001
2024-02-03T12:56:18	2	0	173	181	-8	1.0585	1.0585	0.0000	0.9993	0.9994	-0.0001
2024-02-03T12:57:42	1	0	9	9	0	1.0488	1.0487	-0.0002	-0.9954	-0.9954	0.0000
2024-02-03T12:57:47	1	0	13	12	1	1.0466	1.0459	-0.0007	-0.9793	-0.9789	-0.0004
2024-02-03T13:01:26	2	0	1	1	0	0.9926	0.9937	0.0011	-0.9543	-0.9529	-0.0014
2024-02-03T13:04:05	1	0	1	1	0	1.0550	1.0550	0.0000	-0.9911	-0.9911	0.0000
2024-02-03T13:05:10	1	0	76	76	0	1.0578	1.0577	0.0000	0.9986	0.9986	0.0000
2024-02-03T13:10:51	1	0	535	534	1	0.8674	0.8675	0.0002	0.9207	0.9202	0.0005
2024-02-03T13:18:03	1	0	21	20	1	1.0532	1.0531	-0.0001	0.9497	0.9495	0.0002
2024-02-03T13:25:18	2	0	1	1	0	1.0625	1.0622	-0.0003	-0.9778	-0.9778	0.0000
2024-02-03T13:26:26	1	0	346	345	1	1.0610	1.0609	-0.0001	0.9999	0.9999	0.0000
2024-02-03T13:30:19	2	0	63	62	1	1.0484	1.0483	-0.0001	-0.998	-0.998	0.0000
2024-02-03T13:33:48	1	0	11	9	2	1.0490	1.0471	-0.0019	-0.9783	-0.9827	0.0044
2024-02-03T13:34:07	2	0	3	2	1	1.0556	1.0535	-0.0022	-0.9895	-0.9895	0.0000
2024-02-03T13:47:31	2	0	1	1	0	1.0558	1.0554	-0.0004	0.992	0.9922	-0.0002
2024-02-03T13:48:49	1	0	15	13	2	1.0497	1.0481	-0.0016	-0.9727	-0.9684	-0.0043
2024-02-03T13:50:45	1	0	14	12	2	1.0455	1.0447	-0.0008	0.9989	0.9989	0.0000
2024-02-03T13:50:57	2	0	5	5	0	1.0490	1.0484	-0.0005	-0.9995	-0.9996	0.0001
2024-02-03T13:54:31	7	0	21	17	4	1.0451	1.0444	-0.0007	0.9723	0.9725	-0.0002
2024-02-03T13:55:54	1	0	3	3	0	0.9992	0.9990	-0.0002	0.9688	0.9687	0.0001
2024-02-03T13:56:37	1	0	277	274	3	1.0600	1.0598	-0.0002	0.9996	0.9996	0.0000
2024-02-03T13:59:42	1	0	19	18	1	1.0460	1.0455	-0.0005	-0.9947	-0.9947	0.0000
2024-02-03T14:01:00	1	0	34	34	0	1.0530	1.0529	0.0000	0.9888	0.9888	0.0000
2024-02-03T14:01:45	1	0	3	3	0	1.0604	1.0603	-0.0001	-0.9869	-0.9869	0.0000
2024-02-03T14:02:00	1	0	1	1	0	1.0387	1.0386	-0.0001	-1	-1	0.0000
2024-02-03T14:03:21	2	0	16	15	1	1.0501	1.0496	-0.0005	0.9437	0.9435	0.0002
2024-02-03T14:03:50	2	0	8	8	0	1.0384	1.0380	-0.0004	0.994	0.9936	0.0004
2024-02-03T14:03:50	2	0	9	6	3	1.0491	1.0466	-0.0025	-0.976	-0.9722	-0.0038
2024-02-03T14:03:51	1	0	5	5	0	1.0511	1.0510	-0.0001	0.9974	0.9973	0.0001
2024-02-03T14:05:04	1	0	1	1	0	1.0571	1.0567	-0.0004	0.9987	0.9985	0.0002
2024-02-03T14:06:09	1	0	10	10	0	1.0559	1.0558	-0.0001	0.3694	0.3706	-0.0012
2024-02-03T14:07:15	1	0	15	15	0	1.0536	1.0536	0.0000	-0.9979	-0.9979	0.0000
2024-02-03T14:09:13	1	0	2	2	0	1.0102	1.0102	0.0000	0.9745	0.9745	0.0000
2024-02-03T14:10:31	1	0	98	98	0	1.0574	1.0574	0.0000	0.9968	0.9968	0.0000
2024-02-03T14:10:48	4	0	1	1	0	1.0569	1.0563	-0.0006	-1	-1	0.0000
2024-02-03T14:10:54	2	0	1	1	0	1.0362	1.0351	-0.0011	-0.9788	-0.9787	-0.0001
2024-02-03T14:10:55	2	0	5	5	0	0.9971	0.9970	-0.0001	0.9663	0.9661	0.0002
2024-02-03T14:11:25	2	0	18	17	1	1.0401	1.0401	0.0000	0.9963	0.9963	0.0000
2024-02-03T14:11:42	3	0	295	289	6	1.0594	1.0592	-0.0002	0.9998	0.9997	0.0001
2024-02-03T14:13:55	3	0	2	2	0	1.0268	1.0251	-0.0017	1	1	0.0000
2024-02-03T14:14:14	4	0	7	7	0	1.0541	1.0539	-0.0002	-0.9861	-0.9866	0.0005
2024-02-03T14:14:57	1	0	13	12	1	1.0500	1.0494	-0.0006	0.9768	0.9767	0.0001
2024-02-03T14:15:59	8	0	60	61	-1	1.0604	1.0599	-0.0005	0.999	0.9987	0.0003
2024-02-03T14:16:01	2	0	41	38	3	1.0531	1.0530	-0.0002	0.9848	0.9846	0.0002
2024-02-03T14:16:46	1	0	2	2	0	1.0624	1.0623	-0.0002	-0.9834	-0.9834	0.0000
2024-02-03T14:17:01	1	0	2	2	0	1.0392	1.0390	-0.0002	1	1	0.0000
2024-02-03T14:17:15	2	0	2	3	-1	1.0309	1.0307	-0.0002	0.9985	0.9985	0.0000
2024-02-03T14:17:55	14	0	74	70	4	1.0529	1.0529	0.0000	-0.9987	-0.9987	0.0000
2024-02-03T14:18:29	2	0	19	17	2	1.0545	1.0542	-0.0003	0.9492	0.9412	0.0080
2024-02-03T14:18:51	2	0	19	15	4	1.0483	1.0471	-0.0013	-0.9724	-0.9734	0.0010
2024-02-03T14:18:55	1	0	6	6	0	1.0416	1.0416	-0.0001	0.994	0.9938	0.0002
2024-02-03T14:19:03	2	0	2	2	0	1.0212	1.0208	-0.0005	-0.9695	-0.9695	0.0000
2024-02-03T14:19:10	6	0	3	3	0	1.0541	1.0538	-0.0004	-0.988	-0.9882	0.0002
2024-02-03T14:19:14	1	0	2	2	0	0.9427	0.9427	0.0000	0.9975	0.9975	0.0000
2024-02-03T14:20:05	1	0	1	1	0	1.0557	1.0556	-0.0001	0.9986	0.9985	0.0001
2024-02-03T14:20:47	1	0	12	12	0	1.0444	1.0442	-0.0001	0.9988	0.9988	0.0000
2024-02-03T14:20:55	1	0	1	1	0	0.9356	0.9356	0.0000	-0.9971	-0.9968	-0.0003
2024-02-03T14:20:59	3	0	1	0	1	1.0554	null	null	-0.9993	-0.9993	0.0000
2024-02-03T14:21:10	4	0	11	11	0	1.0544	1.0542	-0.0002	0.198	0.2046	-0.0066
2024-02-03T14:22:16	1	0	9	9	0	1.0560	1.0560	0.0000	-1	-1	0.0000
2024-02-03T14:24:33	1	0	16	16	0	1.0473	1.0473	0.0000	0.9731	0.9731	0.0000
2024-02-03T14:24:34	2	0	1	1	0	1.0315	1.0315	0.0000	0.9992	0.9992	0.0000
2024-02-03T14:25:32	1	0	126	126	0	1.0582	1.0582	0.0000	0.9962	0.9962	0.0000
2024-02-03T14:25:55	3	0	1	1	0	1.0356	1.0340	-0.0016	-0.9785	-0.9786	0.0001

2024-02-03T14:25:57	4	0	1	1	0	1.0571	1.0569	-0.0002	1	1	0.0000
2024-02-03T14:26:00	2	0	4	4	0	0.9981	0.9980	-0.0001	0.9678	0.9677	0.0001
2024-02-03T14:26:47	3	0	277	273	4	1.0606	1.0604	-0.0002	0.9996	0.9996	0.0000
2024-02-03T14:27:02	1	0	4	4	0	0.9810	0.9809	-0.0001	0.9931	0.9931	0.0000
2024-02-03T14:27:57	1	0	11	10	1	1.0459	1.0460	0.0001	-0.996	-0.996	0.0000
2024-02-03T14:28:55	3	0	2	2	0	1.0284	1.0277	-0.0007	0.9999	0.9999	0.0000
2024-02-03T14:29:15	4	0	5	5	0	1.0528	1.0527	-0.0001	-0.983	-0.9831	0.0001
2024-02-03T14:29:21	2	0	24	23	1	1.0477	1.0477	0.0000	-0.9742	-0.9745	0.0003
2024-02-03T14:29:58	5	0	15	13	2	1.0514	1.0507	-0.0007	0.9778	0.9777	0.0001
2024-02-03T14:30:26	7	0	12	10	2	1.0351	1.0392	0.0041	0.9803	0.98	0.0003
2024-02-03T14:31:02	8	0	8	8	0	1.0537	1.0534	-0.0003	0.9985	0.9982	0.0003
2024-02-03T14:31:02	1	0	17	16	1	1.0470	1.0471	0.0001	0.9885	0.9885	0.0000
2024-02-03T14:31:21	2	0	7	7	0	1.0208	1.0206	-0.0001	0.9978	0.9978	0.0000
2024-02-03T14:31:47	1	0	4	4	0	1.0499	1.0498	0.0000	0.9998	0.9998	0.0000
2024-02-03T14:32:02	1	0	2	2	0	1.0375	1.0373	-0.0002	-1	-1	0.0000
2024-02-03T14:32:16	2	0	3	3	0	1.0363	1.0363	0.0000	0.9987	0.9986	0.0001
2024-02-03T14:33:04	13	0	193	166	27	1.0548	1.0543	-0.0005	-0.9985	-0.9986	0.0001
2024-02-03T14:33:52	2	0	15	14	1	1.0491	1.0481	-0.0010	-0.9775	-0.9826	0.0051
2024-02-03T14:33:53	1	0	4	4	0	1.0540	1.0539	-0.0001	0.9973	0.9973	0.0000
2024-02-03T14:34:02	3	0	8	8	0	1.0384	1.0382	-0.0002	0.9944	0.9941	0.0003
2024-02-03T14:34:11	6	0	3	3	0	1.0515	1.0515	-0.0001	-0.9878	-0.9879	0.0001
2024-02-03T14:35:06	1	0	1	1	0	1.0551	1.0550	-0.0001	0.9982	0.9981	0.0001
2024-02-03T14:35:16	2	0	70	69	1	1.0570	1.0569	-0.0001	0.9991	0.999	0.0001
2024-02-03T14:35:17	2	0	5	5	0	1.0525	1.0524	-0.0001	-0.8234	-0.8231	-0.0003
2024-02-03T14:35:57	1	0	2	2	0	0.9902	0.9901	-0.0001	-0.9971	-0.9968	-0.0003
2024-02-03T14:36:13	4	0	12	11	1	1.0543	1.0550	0.0007	-0.1481	-0.1492	0.0011
2024-02-03T14:37:10	2	0	1	0	1	1.0371	null	null	-0.9682	-0.9689	0.0007
2024-02-03T14:37:17	1	0	10	10	0	1.0536	1.0536	0.0000	-1	-1	0.0000
2024-02-03T14:37:45	1	0	19	19	0	1.0487	1.0486	0.0000	-0.9989	-0.9989	0.0000
2024-02-03T14:40:33	4	0	137	136	1	1.0567	1.0567	0.0000	0.9964	0.9964	0.0000
2024-02-03T14:40:57	3	0	1	1	0	1.0566	1.0564	-0.0002	-1	-1	0.0000
2024-02-03T14:40:59	1	0	5	5	0	1.0429	1.0427	-0.0002	0.9935	0.9935	0.0000
2024-02-03T14:41:00	2	0	6	6	0	1.0145	1.0144	-0.0001	0.9742	0.9656	0.0086
2024-02-03T14:41:43	1	0	3	3	0	1.0454	1.0452	-0.0002	0.99	0.9899	0.0001
2024-02-03T14:41:56	4	0	299	297	2	1.0602	1.0600	-0.0002	0.9999	0.9999	0.0000
2024-02-03T14:42:58	1	0	9	9	0	1.0460	1.0459	0.0000	-0.9968	-0.9968	0.0000
2024-02-03T14:43:14	2	0	20	20	0	1.0404	1.0404	0.0000	0.9705	0.9703	0.0002
2024-02-03T14:43:55	1	0	1	1	0	1.0336	1.0333	-0.0003	0.9996	0.9996	0.0000
2024-02-03T14:43:56	2	0	2	2	0	1.0257	1.0254	-0.0003	0.9999	0.9999	0.0000
2024-02-03T14:44:16	4	0	5	5	0	1.0511	1.0511	0.0000	-0.9846	-0.9846	0.0000
2024-02-03T14:44:31	1	0	8	8	0	1.0471	1.0471	0.0000	-0.9915	-0.9915	0.0000
2024-02-03T14:44:41	3	0	11	11	0	1.0497	1.0496	0.0000	0.9983	0.9984	-0.0001
2024-02-03T14:45:04	1	0	10	10	0	1.0512	1.0512	0.0000	0.9787	0.9787	0.0000
2024-02-03T14:46:22	7	0	5	5	0	1.0151	1.0150	-0.0001	0.9971	0.997	0.0001
2024-02-03T14:46:33	1	0	1	0	1	1.0249	null	null	-0.9485	-0.9478	-0.0007
2024-02-03T14:48:16	1	0	191	179	12	1.0551	1.0548	-0.0002	-0.9986	-0.9987	0.0001
2024-02-03T14:48:53	1	0	15	13	2	1.0476	1.0468	-0.0008	-0.9736	-0.9744	0.0008
2024-02-03T14:49:05	2	0	1	1	0	1.0239	1.0237	-0.0002	-0.974	-0.9739	-0.0001
2024-02-03T14:49:16	1	0	1	1	0	1.0152	1.0146	-0.0006	0.9971	0.997	0.0001
2024-02-03T14:52:11	2	0	1	1	0	1.0404	1.0399	-0.0005	-0.9682	-0.9686	0.0004
2024-02-03T14:54:36	2	0	3	3	0	1.0521	1.0520	-0.0001	0.9949	0.9948	0.0001
2024-02-03T14:55:51	2	0	1	1	0	1.0107	1.0088	-0.0019	-0.98	-0.9797	-0.0003
2024-02-03T14:59:23	3	0	30	29	1	1.0482	1.0479	-0.0003	-0.972	-0.9719	-0.0001
2024-02-03T14:59:42	1	0	12	12	0	1.0518	1.0518	0.0000	0.998	0.998	0.0000
2024-02-03T15:01:23	2	0	7	7	0	1.0196	1.0196	0.0000	0.9978	0.9978	0.0000
2024-02-03T15:02:39	1	0	1	1	0	1.0552	1.0551	-0.0001	0.9903	0.9903	0.0000
2024-02-03T15:03:55	1	0	17	15	2	1.0485	1.0468	-0.0017	-0.9747	-0.9706	-0.0041
2024-02-03T15:04:13	1	0	2	2	0	1.0385	1.0383	-0.0002	-0.9953	-0.9953	0.0000
2024-02-03T15:06:46	1	0	3	3	0	1.0341	1.0341	0.0000	0.9996	0.9996	0.0000
2024-02-03T15:09:36	3	0	19	19	0	1.0469	1.0470	0.0001	0.9735	0.9735	0.0000
2024-02-03T15:10:59	3	0	1	1	0	1.0355	1.0341	-0.0014	-0.9728	-0.9689	-0.0039
2024-02-03T15:11:02	2	0	192	189	3	0.9399	0.9401	0.0003	0.9458	0.9457	0.0001
2024-02-03T15:14:43	1	0	9	9	0	1.0485	1.0483	-0.0003	0.998	0.9973	0.0007
2024-02-03T15:16:09	8	0	116	120	-4	1.0626	1.0623	-0.0003	0.9885	0.9879	0.0006
2024-02-03T15:16:50	2	0	10	10	0	0.9830	0.9831	0.0000	-0.9896	-0.9896	0.0000
2024-02-03T15:18:55	1	0	12	10	2	1.0490	1.0471	-0.0019	-0.9792	-0.9837	0.0045
2024-02-03T15:20:45	3	0	9	7	2	1.0455	1.0450	-0.0004	-0.9962	-0.9963	0.0001
2024-02-03T15:24:37	1	0	14	14	0	1.0463	1.0463	0.0000	0.9749	0.9749	0.0000
2024-02-03T15:27:59	1	0	2	2	0	1.0315	1.0315	-0.0001	0.9978	0.9978	0.0000
2024-02-03T15:29:44	1	0	7	7	0	1.0481	1.0481	0.0000	0.9975	0.9976	-0.0001
2024-02-03T15:30:30	7	0	12	12	0	1.0306	1.0303	-0.0003	0.9847	0.9844	0.0003
2024-02-03T15:31:11	1	0	57	57	0	1.0628	1.0622	-0.0006	0.9594	0.9597	-0.0003
2024-02-03T15:33:56	1	0	23	19	4	1.0529	1.0513	-0.0016	-0.9759	-0.9848	0.0089
2024-02-03T15:33:58	3	0	8	7	1	0.9948	1.0024	0.0076	0.9958	0.996	-0.0002
2024-02-03T15:44:45	1	0	9	9	0	1.0478	1.0477	0.0000	0.9976	0.9976	0.0000
2024-02-03T15:46:14	1	0	65	65	0	1.0676	1.0667	-0.0009	0.9925	0.9919	0.0006
2024-02-03T15:47:28	2	0	4	4	0	1.0049	1.0048	-0.0001	-0.9884	-0.9884	0.0000
2024-02-03T15:48:57	1	0	11	11	0	1.0471	1.0469	-0.0003	-0.9788	-0.9791	0.0003
2024-02-03T15:48:59	1	0	7	6	1	0.9410	0.9412	0.0002	-0.9886	-0.9884	-0.0002
2024-02-03T15:49:16	2	0	3	3	0	1.0271	1.0263	-0.0008	-0.9955	-0.9956	0.0001
2024-02-03T15:52:17	3	0	38	38	0	1.0504	1.0505	0.0000	1	1	0.0000
2024-02-03T15:59:01	1	0	1	1	0	1.0257	1.0256	-0.0001	0.9996	0.9996	0.0000
2024-02-03T15:59:36	1	0	3	3	0	1.0478	1.0476	-0.0002	-0.9922	-0.9923	0.0001
2024-02-03T15:59:46	1	0	7	7	0	1.0460	1.0460	0.0000	0.9983	0.9981	0.0002
2024-02-03T16:01:17	1	0	65	65	0	1.0653	1.0647	-0.0007	0.986	0.9861	-0.0001

2024-02-03T16:01:38	2	0	1	1	0	0.9932	0.9933	0.0001	-0.9582	-0.9574	-0.0008
2024-02-03T16:18:59	1	0	2	2	0	1.0473	1.0466	-0.0008	-0.982	-0.9823	0.0003
2024-02-03T16:49:01	1	0	2	0	2	1.0453	null	null	-0.9792	-0.979	-0.0002
2024-02-03T17:04:02	1	0	2	2	0	1.0457	1.0454	-0.0003	-0.9782	-0.978	-0.0002
2024-02-03T17:07:20	2	0	5	4	1	0.9419	0.9421	0.0002	-0.9875	-0.9872	-0.0003
2024-02-03T17:19:31	1	0	79	74	5	0.9437	0.9449	0.0012	0.9948	0.9947	0.0001
2024-02-03T17:22:12	1	0	3	3	0	0.9563	0.9567	0.0004	0.9915	0.9915	0.0000
2024-02-03T17:41:18	1	0	120	119	1	0.9341	0.9344	0.0003	0.999	0.9991	-0.0001
2024-02-03T17:47:36	1	0	123	123	0	0.9247	0.9248	0.0001	-1	-1	0.0000
2024-02-04T07:50:07	2	0	30	28	2	0.9417	0.9417	-0.0001	-0.9899	-0.9893	-0.0006
2024-02-04T07:51:41	1	0	25	24	1	0.9484	0.9484	0.0001	-0.9938	-0.9938	0.0000
2024-02-04T07:54:30	1	0	131	131	0	0.9264	0.9266	0.0002	-0.9983	-0.9983	0.0000
2024-02-04T07:55:56	1	0	50	50	0	0.9347	0.9348	0.0001	0.9956	0.9956	0.0000
2024-02-04T08:01:51	4	0	191	191	0	0.9380	0.9381	0.0001	-0.9976	-0.9976	0.0000
2024-02-04T08:03:04	1	0	96	95	1	0.9416	0.9417	0.0001	0.9935	0.9934	0.0001
2024-02-04T08:09:32	1	0	52	51	1	1.0600	1.0601	0.0001	0.9888	0.9888	0.0000
2024-02-04T08:13:30	2	0	2	2	0	1.0212	1.0209	-0.0003	-0.9992	-0.9992	0.0000
2024-02-04T08:29:12	1	0	9	9	0	1.0483	1.0483	0.0000	0.9984	0.9984	0.0000
2024-02-04T08:48:14	1	0	57	55	2	0.9747	0.9748	0.0001	0.9915	0.9917	-0.0002
2024-02-04T08:54:35	1	0	138	137	1	1.0614	1.0613	-0.0001	0.9885	0.9885	0.0000
2024-02-04T08:55:05	1	0	126	126	0	0.9273	0.9276	0.0003	-0.9996	-0.9996	0.0000
2024-02-04T09:03:13	1	0	2	2	0	1.0477	1.0477	0.0000	0.9999	0.9999	0.0000
2024-02-04T09:03:21	1	0	5	5	0	1.0195	1.0192	-0.0003	0.9858	0.9857	0.0001
2024-02-04T09:03:36	1	0	4	4	0	1.0477	1.0475	-0.0002	0.9969	0.9969	0.0000
2024-02-04T09:04:47	1	0	24	24	0	0.9424	0.9424	0.0000	0.975	0.9749	0.0001
2024-02-04T09:05:26	2	0	28	28	0	1.0486	1.0485	-0.0001	-0.9919	-0.992	0.0001
2024-02-04T09:06:40	5	0	47	43	4	1.0506	1.0503	-0.0003	0.9999	0.9999	0.0000
2024-02-04T09:07:55	1	0	2	2	0	1.0264	1.0264	0.0000	-0.9989	-0.9988	-0.0001
2024-02-04T09:09:11	2	0	3	3	0	1.0499	1.0494	-0.0005	0.9946	0.9944	0.0002
2024-02-04T09:10:15	1	0	42	34	8	0.9447	0.9454	0.0007	-0.9997	-0.9997	0.0000
2024-02-04T09:11:01	1	0	38	37	1	0.9591	0.9598	0.0007	0.996	0.996	0.0000
2024-02-04T09:12:27	1	0	3	3	0	1.0283	1.0282	-0.0001	0.9947	0.9947	0.0000
2024-02-04T09:14:15	1	0	11	11	0	1.0493	1.0493	0.0000	0.9974	0.9973	0.0001
2024-02-04T09:16:19	2	0	5	5	0	1.0353	1.0351	-0.0002	0.9958	0.9956	0.0002
2024-02-04T09:20:05	2	0	18	17	1	1.0475	1.0473	-0.0002	0.9995	0.9995	0.0000
2024-02-04T09:20:10	1	0	14	14	0	1.0400	1.0399	-0.0002	0.9726	0.9725	0.0001
2024-02-04T09:20:33	1	0	2	2	0	1.0303	1.0300	-0.0003	-0.9995	-0.9994	-0.0001
2024-02-04T09:30:52	7	0	9	9	0	1.0255	1.0255	-0.0001	0.9992	0.9991	0.0001
2024-02-04T09:31:40	1	0	1	1	0	1.0406	1.0403	-0.0003	1	1	0.0000
2024-02-04T09:35:14	2	0	26	17	9	0.9475	0.9500	0.0026	-0.9929	-0.9922	-0.0007
2024-02-04T09:35:36	2	0	4	1	3	1.0457	1.0456	0.0000	0.9997	0.9997	0.0000
2024-02-04T09:36:48	2	0	1	1	0	1.0387	1.0379	-0.0008	-0.9836	-0.9838	0.0002
2024-02-04T09:40:29	2	0	13	9	4	0.9820	0.9866	0.0046	-0.9984	-0.9984	0.0000
2024-02-04T09:43:36	1	0	1	1	0	1.0232	1.0224	-0.0008	0.9987	0.9986	0.0001
2024-02-04T09:43:53	3	0	2	2	0	1.0389	1.0384	-0.0005	-0.9957	-0.9959	0.0002
2024-02-04T09:45:02	1	0	108	107	1	1.0526	1.0526	0.0000	0.9999	0.9999	0.0000
2024-02-04T09:45:04	3	0	2	1	1	1.0238	1.0354	0.0116	0.9844	0.9842	0.0002
2024-02-04T09:45:33	2	0	1	1	0	0.9698	0.9706	0.0008	0.9999	0.9999	0.0000
2024-02-04T09:45:55	1	0	7	7	0	1.0169	1.0168	-0.0001	0.9963	0.9963	0.0000
2024-02-04T09:46:54	2	0	5	5	0	1.0347	1.0345	-0.0002	0.9972	0.9972	0.0000
2024-02-04T09:47:11	2	0	2	2	0	1.0279	1.0275	-0.0005	0.9888	0.9889	-0.0001
2024-02-04T09:48:24	1	0	15	14	1	1.0471	1.0469	-0.0001	-0.9854	-0.9859	0.0005
2024-02-04T09:48:50	1	0	3	3	0	1.0481	1.0478	-0.0003	-0.9992	-0.9992	0.0000
2024-02-04T09:50:05	4	0	12	11	1	1.0475	1.0467	-0.0008	-0.9998	-0.9998	0.0000
2024-02-04T09:50:12	1	0	4	4	0	1.0388	1.0388	-0.0001	0.9649	0.9648	0.0001
2024-02-04T09:50:43	1	0	9	9	0	1.0499	1.0497	-0.0002	-0.8764	-0.8795	0.0031
2024-02-04T09:57:03	1	0	1	1	0	1.0452	1.0452	0.0000	0.9907	0.9908	-0.0001
2024-02-04T09:57:15	4	0	22	21	1	1.0489	1.0486	-0.0004	-1	-1	0.0000
2024-02-04T09:57:51	1	0	29	28	1	1.0440	1.0432	-0.0008	0.989	0.989	0.0000
2024-02-04T09:58:12	2	0	1	1	0	1.0002	0.9996	-0.0006	-0.9877	-0.9876	-0.0001
2024-02-04T09:58:55	1	0	2	2	0	1.0511	1.0509	-0.0002	-0.9954	-0.9954	0.0000
2024-02-04T09:59:02	1	0	34	33	1	1.0496	1.0494	-0.0002	-0.9766	-0.9765	-0.0001
2024-02-04T09:59:18	3	0	15	14	1	1.0498	1.0493	-0.0006	0.9972	0.9971	0.0001
2024-02-04T10:00:26	2	0	33	33	0	1.0505	1.0504	-0.0001	-0.9979	-0.998	0.0001
2024-02-04T10:01:22	1	0	1	1	0	1.0218	1.0215	-0.0003	0.9897	0.9894	0.0003
2024-02-04T10:01:30	4	0	1	1	0	1.0450	1.0440	-0.0010	-0.9888	-0.9781	-0.0107
2024-02-04T10:02:00	4	0	5	5	0	1.0060	1.0060	0.0000	-0.9965	-0.9965	0.0000
2024-02-04T10:02:43	2	0	12	11	1	1.0383	1.0365	-0.0018	0.9358	0.9358	0.0000
2024-02-04T10:03:25	1	0	14	14	0	1.0468	1.0465	-0.0003	-0.9825	-0.9829	0.0004
2024-02-04T10:03:58	1	0	53	53	0	0.9403	0.9403	0.0000	0.9734	0.9732	0.0002
2024-02-04T10:04:58	2	0	4	4	0	1.0505	1.0499	-0.0006	-0.8775	-0.8781	0.0006
2024-02-04T10:05:08	1	0	27	26	1	1.0503	1.0500	-0.0003	0.9989	0.9989	0.0000
2024-02-04T10:05:30	1	0	24	24	0	1.0459	1.0458	-0.0001	-0.993	-0.993	0.0000
2024-02-04T10:09:10	1	0	1	1	0	0.9832	0.9835	0.0003	0.9818	0.9818	0.0000
2024-02-04T10:10:40	8	0	47	26	21	0.9536	0.9544	0.0008	-0.9986	-0.9985	-0.0001
2024-02-04T10:12:21	2	0	26	24	2	1.0488	1.0478	-0.0009	-1	-1	0.0000
2024-02-04T10:12:52	1	0	17	17	0	1.0365	1.0365	0.0000	0.9737	0.9736	0.0001
2024-02-04T10:13:38	2	0	2	2	0	1.0240	1.0221	-0.0019	0.9991	0.999	0.0001
2024-02-04T10:14:13	1	0	10	10	0	1.0459	1.0459	0.0000	-0.9961	-0.9961	0.0000
2024-02-04T10:14:19	1	0	17	17	0	1.0497	1.0497	0.0000	0.9974	0.9975	-0.0001
2024-02-04T10:15:27	12	0	35	34	1	1.0510	1.0511	0.0001	-0.9978	-0.9978	0.0000
2024-02-04T10:15:57	2	0	5	5	0	1.0220	1.0217	-0.0002	0.9957	0.9956	0.0001
2024-02-04T10:18:26	1	0	9	9	0	1.0472	1.0469	-0.0004	-0.9829	-0.9834	0.0005
2024-02-04T10:20:07	4	0	13	12	1	1.0492	1.0488	-0.0004	-0.9994	-0.9995	0.0001
2024-02-04T10:20:33	4	0	43	32	11	1.0560	1.0554	-0.0006	-0.9815	-0.9828	0.0013

2024-02-04T10:21:52	1	0	109	104	5	1.0679	1.0677	-0.0003	-0.9981	-0.9981	0.0000
2024-02-04T10:24:14	2	0	32	35	-3	1.0491	1.0469	-0.0022	0.9695	0.9695	0.0000
2024-02-04T10:25:38	3	0	39	38	1	0.9376	0.9377	0.0001	-0.9886	-0.9873	-0.0013
2024-02-04T10:27:32	1	0	7	7	0	1.0429	1.0428	0.0000	0.9955	0.9955	0.0000
2024-02-04T10:27:49	1	0	40	37	3	1.0516	1.0513	-0.0003	0.9887	0.9887	0.0000
2024-02-04T10:28:34	2	0	5	5	0	0.9848	0.9848	0.0000	0.9954	0.9954	0.0000
2024-02-04T10:29:20	1	0	18	18	0	1.0514	1.0514	0.0000	0.9975	0.9976	-0.0001
2024-02-04T10:30:10	4	0	5	4	1	1.0396	1.0338	-0.0058	-0.9956	-0.9957	0.0001
2024-02-04T10:30:33	14	0	41	38	3	1.0517	1.0517	0.0001	-0.9969	-0.997	0.0001
2024-02-04T10:30:58	2	0	6	6	0	1.0158	1.0157	-0.0001	0.9964	0.9963	0.0001
2024-02-04T10:33:27	4	0	8	8	0	1.0267	1.0267	0.0000	0.9817	0.9811	0.0006
2024-02-04T10:33:27	1	0	16	15	1	1.0485	1.0474	-0.0011	-0.9783	-0.9789	0.0006
2024-02-04T10:33:35	5	0	5	5	0	1.0477	1.0474	-0.0003	-0.9712	-0.9716	0.0004
2024-02-04T10:33:42	1	0	7	6	1	1.0541	1.0532	-0.0009	0.9964	0.9964	0.0000
2024-02-04T10:34:45	1	0	8	8	0	1.0496	1.0495	-0.0001	0.9971	0.9966	0.0005
2024-02-04T10:35:34	1	0	27	28	-1	1.0554	1.0554	0.0000	-0.9818	-0.9827	0.0009
2024-02-04T10:36:55	2	0	87	87	0	1.0621	1.0621	0.0000	1	1	0.0000
2024-02-04T10:40:39	1	0	1	1	0	1.0300	1.0296	-0.0004	0.9639	0.9671	-0.0032
2024-02-04T10:41:08	1	0	4	4	0	1.0372	1.0371	-0.0001	0.984	0.984	0.0000
2024-02-04T10:41:36	1	0	6	6	0	1.0476	1.0474	-0.0002	-0.9956	-0.9957	0.0001
2024-02-04T10:42:33	2	0	36	36	0	1.0518	1.0513	-0.0005	-0.9999	-0.9999	0.0000
2024-02-04T10:42:50	1	0	28	27	1	1.0484	1.0491	0.0007	0.9886	0.9885	0.0001
2024-02-04T10:42:57	4	0	18	18	0	1.0371	1.0370	-0.0002	0.9715	0.9712	0.0003
2024-02-04T10:44:21	1	0	18	18	0	1.0517	1.0517	0.0000	0.9978	0.9978	0.0000
2024-02-04T10:44:27	1	0	48	47	1	1.0472	1.0471	-0.0002	-0.9956	-0.9956	0.0000
2024-02-04T10:44:44	1	0	1	0	1	1.0085	null	null	0.9802	0.9802	0.0000
2024-02-04T10:45:12	6	0	12	11	1	1.0295	1.0306	0.0011	0.9849	0.984	0.0009
2024-02-04T10:45:40	7	0	9	9	0	1.0442	1.0431	-0.0011	0.9582	0.9598	-0.0016
2024-02-04T10:45:40	2	0	43	43	0	1.0521	1.0521	-0.0001	-0.9969	-0.997	0.0001
2024-02-04T10:45:44	1	0	18	17	1	1.0493	1.0495	0.0002	0.9866	0.9865	0.0001
2024-02-04T10:45:46	1	0	22	20	2	1.0525	1.0521	-0.0004	-0.9702	-0.9702	0.0000
2024-02-04T10:47:51	3	0	38	37	1	1.0521	1.0518	-0.0003	0.9705	0.9702	0.0003
2024-02-04T10:48:28	1	0	19	17	2	1.0489	1.0477	-0.0012	-0.9775	-0.9779	0.0004
2024-02-04T10:49:57	2	0	30	30	0	1.0545	1.0544	-0.0001	0.9954	0.9951	0.0003
2024-02-04T10:50:11	1	0	30	29	1	1.0529	1.0525	-0.0004	0.9993	0.9993	0.0000
2024-02-04T10:50:28	1	0	37	37	0	1.0449	1.0441	-0.0008	-0.9999	-0.9999	0.0000
2024-02-04T10:50:33	2	0	27	25	2	1.0470	1.0470	0.0000	-0.9907	-0.9907	0.0000
2024-02-04T10:51:06	2	0	2	2	0	1.0334	1.0332	-0.0003	0.9993	0.9993	0.0000
2024-02-04T10:51:23	3	0	3	3	0	1.0359	1.0352	-0.0007	0.9996	0.9996	0.0000
2024-02-04T10:51:33	2	0	14	13	1	1.0492	1.0493	0.0001	-0.9843	-0.9889	0.0046
2024-02-04T10:52:28	4	0	13	11	2	1.0514	1.0522	0.0008	-0.9974	-0.9976	0.0002
2024-02-04T10:54:16	2	0	19	19	0	1.0466	1.0466	0.0000	0.971	0.9709	0.0001
2024-02-04T10:54:18	1	0	7	7	0	1.0539	1.0538	-0.0002	-0.9993	-0.9995	0.0002
2024-02-04T10:55:38	1	0	14	13	1	1.0525	1.0519	-0.0005	0.9985	0.9985	0.0000
2024-02-04T10:55:40	5	0	29	28	1	0.9470	0.9477	0.0007	-0.9864	-0.9861	-0.0003
2024-02-04T10:55:40	2	0	1	1	0	0.9860	0.9851	-0.0009	0.963	0.9627	0.0003
2024-02-04T10:55:49	1	0	1	1	0	1.0366	1.0362	-0.0004	0.9997	0.9996	0.0001
2024-02-04T10:56:04	6	0	7	3	4	1.0579	1.0578	-0.0001	-0.9959	-0.9961	0.0002
2024-02-04T10:56:09	1	0	6	6	0	1.0398	1.0396	-0.0002	0.9826	0.9823	0.0003
2024-02-04T10:56:39	1	0	4	4	0	1.0304	1.0303	-0.0002	0.9829	0.9828	0.0001
2024-02-04T10:57:39	2	0	36	35	1	1.0516	1.0513	-0.0003	-1	-1	0.0000
2024-02-04T10:57:51	1	0	51	49	2	1.0530	1.0529	-0.0002	0.972	0.9719	0.0001
2024-02-04T10:57:58	6	0	18	18	0	1.0373	1.0372	-0.0001	0.9724	0.9721	0.0003
2024-02-04T10:58:34	1	0	3	3	0	1.0424	1.0424	0.0000	0.9961	0.9961	0.0000
2024-02-04T10:59:22	1	0	20	20	0	1.0514	1.0514	0.0000	0.9984	0.9985	-0.0001
2024-02-04T10:59:45	2	0	2	2	0	1.0146	1.0140	-0.0006	0.9798	0.9798	0.0000
2024-02-04T11:00:45	1	0	18	18	0	1.0490	1.0490	0.0000	0.985	0.9849	0.0001
2024-02-04T11:00:46	12	0	53	50	3	1.0534	1.0531	-0.0003	-0.9964	-0.9965	0.0001
2024-02-04T11:02:22	1	0	1	1	0	1.0566	1.0556	-0.0010	0.9886	0.9885	0.0001
2024-02-04T11:03:29	1	0	22	21	1	1.0522	1.0491	-0.0031	-0.9791	-0.9798	0.0007
2024-02-04T11:03:50	2	0	7	8	-1	1.0257	1.0155	-0.0102	0.9925	0.9922	0.0003
2024-02-04T11:03:57	5	0	3	2	1	1.0528	1.0511	-0.0018	-0.9983	-0.9984	0.0001
2024-02-04T11:03:58	1	0	1	1	0	1.0420	1.0416	-0.0004	-0.9827	-0.9827	0.0000
2024-02-04T11:04:44	1	0	2	2	0	1.0309	1.0308	-0.0001	0.987	0.9869	0.0001
2024-02-04T11:04:50	1	0	10	10	0	1.0492	1.0491	-0.0002	0.9949	0.9944	0.0005
2024-02-04T11:05:48	3	0	8	8	0	1.0517	1.0515	-0.0003	0.5766	0.6136	-0.0370
2024-02-04T11:06:54	3	0	1	0	1	1.0374	null	null	-0.9752	-0.9752	0.0000
2024-02-04T11:07:38	1	0	2	2	0	1.0509	1.0507	-0.0003	0.9959	0.9958	0.0001
2024-02-04T11:09:17	1	0	33	33	0	1.0476	1.0476	0.0000	0.969	0.969	0.0000
2024-02-04T11:10:16	1	0	31	30	1	1.0509	1.0509	0.0000	0.9965	0.9965	0.0000
2024-02-04T11:11:16	6	0	8	5	3	1.0557	1.0533	-0.0024	-0.9965	-0.9954	-0.0011
2024-02-04T11:12:35	1	0	14	14	0	1.0465	1.0465	0.0000	0.9956	0.9958	-0.0002
2024-02-04T11:12:45	2	0	43	38	5	1.0557	1.0555	-0.0003	-0.9999	-0.9999	0.0000
2024-02-04T11:12:59	2	0	20	20	0	1.0404	1.0404	-0.0001	0.9712	0.9709	0.0003
2024-02-04T11:14:23	2	0	20	20	0	1.0513	1.0513	0.0000	0.9974	0.9974	0.0000
2024-02-04T11:15:44	1	0	49	49	0	1.0592	1.0591	-0.0001	0.9823	0.982	0.0003
2024-02-04T11:16:21	1	0	8	8	0	1.0488	1.0483	-0.0006	0.9976	0.9974	0.0002
2024-02-04T11:16:33	1	0	5	5	0	1.0528	1.0527	-0.0001	1	1	0.0000
2024-02-04T11:18:30	1	0	19	17	2	1.0489	1.0477	-0.0012	-0.9739	-0.9747	0.0008
2024-02-04T11:18:57	2	0	6	6	0	1.0511	1.0510	0.0000	-0.9979	-0.9979	0.0000
2024-02-04T11:19:20	1	0	9	8	1	1.0539	1.0533	-0.0006	0.9965	0.9965	0.0000
2024-02-04T11:20:35	2	0	32	30	2	1.0495	1.0495	0.0000	-0.9881	-0.988	-0.0001
2024-02-04T11:21:55	7	0	2	1	1	1.0405	1.0400	-0.0006	-0.973	-0.9743	0.0013
2024-02-04T11:25:17	1	0	46	45	1	1.0535	1.0535	0.0000	0.9968	0.9968	0.0000
2024-02-04T11:25:42	2	0	440	440	0	0.8717	0.8723	0.0006	0.9298	0.9301	-0.0003

2024-02-04T11:27:36	2	0	14	14	0	1.0463	1.0463	0.0000	0.9964	0.9966	-0.0002
2024-02-04T11:27:55	1	0	45	42	3	1.0553	1.0551	-0.0002	-1	-1	0.0000
2024-02-04T11:29:30	1	0	44	43	1	1.0474	1.0471	-0.0002	-0.9959	-0.9959	0.0000
2024-02-04T11:29:37	1	0	12	12	0	1.0484	1.0483	-0.0001	-0.995	-0.9951	0.0001
2024-02-04T11:30:26	7	0	14	14	0	1.0343	1.0343	-0.0001	0.9817	0.9817	0.0000
2024-02-04T11:31:02	15	0	8	8	0	1.0246	1.0244	-0.0002	0.9966	0.9965	0.0001
2024-02-04T11:33:31	6	0	31	24	7	0.9487	0.9479	-0.0008	0.9629	0.9638	-0.0009
2024-02-04T11:33:31	2	0	20	17	3	1.0504	1.0491	-0.0013	-0.9818	-0.9824	0.0006
2024-02-04T11:33:39	10	0	2	1	1	1.0215	1.0193	-0.0022	-0.9896	-0.9898	0.0002
2024-02-04T11:34:03	2	0	9	1	8	0.9513	1.0017	0.0504	0.9931	0.993	0.0001
2024-02-04T11:35:12	14	0	11	10	1	1.0500	1.0494	-0.0006	-0.9986	-0.9986	0.0000
2024-02-04T11:35:14	3	0	29	29	0	1.0507	1.0506	-0.0001	0.9994	0.9993	0.0001
2024-02-04T11:35:36	5	0	33	31	2	1.0499	1.0499	0.0000	-0.9881	-0.988	-0.0001
2024-02-04T11:39:19	5	0	21	21	0	1.0474	1.0474	0.0000	0.9644	0.9644	0.0000
2024-02-04T11:39:53	2	0	40	39	1	1.0475	1.0473	-0.0002	0.9962	0.9962	0.0000
2024-02-04T11:40:07	2	0	6	6	0	1.0499	1.0498	-0.0002	1	-0.9995	-0.0005
2024-02-04T11:40:18	1	0	57	57	0	1.0560	1.0560	0.0000	0.9966	0.9966	0.0000
2024-02-04T11:41:04	1	0	14	13	1	1.0524	1.0520	-0.0004	0.9986	0.9986	0.0000
2024-02-04T11:41:16	1	0	1	1	0	1.0580	1.0576	-0.0004	-0.9265	-0.9268	0.0003
2024-02-04T11:41:37	9	0	7	4	3	1.0579	1.0567	-0.0012	-0.995	-0.9951	0.0001
2024-02-04T11:41:40	1	0	6	6	0	1.0456	1.0456	0.0000	-0.9946	-0.9946	0.0000
2024-02-04T11:42:37	1	0	19	19	0	1.0491	1.0492	0.0000	0.9972	0.9974	-0.0002
2024-02-04T11:42:41	1	0	13	12	1	1.0487	1.0480	-0.0007	-0.9971	-0.997	-0.0001
2024-02-04T11:42:55	1	0	12	12	0	1.0494	1.0494	0.0000	0.9663	0.9663	0.0000
2024-02-04T11:45:55	17	0	71	70	1	1.0543	1.0543	0.0000	-0.9967	-0.9967	0.0000
2024-02-04T11:46:16	2	0	17	16	1	1.0495	1.0491	-0.0004	-0.9355	-0.9355	0.0000
2024-02-04T11:46:39	1	0	30	29	1	1.0509	1.0507	-0.0002	0.9933	0.9933	0.0000
2024-02-04T11:47:04	2	0	1	2	-1	1.0274	1.0310	0.0035	0.9982	0.9982	0.0000
2024-02-04T11:48:32	2	0	24	22	2	1.0507	1.0497	-0.0010	-0.9779	-0.9785	0.0006
2024-02-04T11:48:59	9	0	10	10	0	1.0532	1.0531	-0.0001	-0.998	-0.998	0.0000
2024-02-04T11:49:10	1	0	1	1	0	1.0459	1.0459	0.0000	0.9936	0.9934	0.0002
2024-02-04T11:49:57	2	0	10	10	0	1.0507	1.0506	-0.0001	0.9934	0.9933	0.0001
2024-02-04T11:50:18	2	0	2	0	2	1.0389	null	null	0.9971	0.997	0.0001
2024-02-04T11:50:56	4	0	9	10	-1	1.0544	1.0546	0.0002	0.9565	0.9543	0.0022
2024-02-04T11:54:20	5	0	31	31	0	1.0494	1.0494	0.0000	0.9641	0.9642	-0.0001
2024-02-04T11:55:44	4	0	2	3	-1	0.9929	0.9939	0.0010	0.9674	0.9674	0.0000
2024-02-04T11:57:36	2	0	1	0	1	1.0564	null	null	0.9993	0.9979	0.0014
2024-02-04T11:57:38	3	0	18	18	0	1.0485	1.0483	-0.0002	0.9968	0.9969	-0.0001
2024-02-04T11:58:35	2	0	20	17	3	1.0524	1.0518	-0.0007	-0.9347	-0.9347	0.0000
2024-02-04T12:00:11	1	0	3	3	0	1.0455	1.0455	0.0000	0.9959	0.9959	0.0000
2024-02-04T12:03:33	6	0	5	5	0	0.9790	0.9799	0.0009	0.9647	0.9652	-0.0005
2024-02-04T12:03:33	2	0	27	26	1	1.0518	1.0506	-0.0012	-0.9832	-0.9834	0.0002
2024-02-04T12:04:10	2	0	2	2	0	1.0452	1.0452	-0.0001	0.9937	0.9935	0.0002
2024-02-04T12:04:13	1	0	22	21	1	1.0503	1.0500	-0.0003	0.9883	0.9883	0.0000
2024-02-04T12:09:21	5	0	40	40	0	1.0514	1.0514	0.0000	0.9652	0.9652	0.0000
2024-02-04T12:13:36	2	0	13	12	1	1.0560	1.0559	-0.0001	-0.9408	-0.9408	0.0000
2024-02-04T12:18:34	1	0	30	29	1	1.0531	1.0526	-0.0005	-0.978	-0.9783	0.0003
2024-02-04T12:25:10	2	0	4	5	-1	1.0541	1.0527	-0.0014	-0.9998	-0.9998	0.0000
2024-02-04T12:25:49	4	0	5	5	0	0.9948	0.9947	0.0000	0.9671	0.9671	0.0000
2024-02-04T12:26:14	1	0	28	28	0	1.0551	1.0550	-0.0001	0.9993	0.9993	0.0000
2024-02-04T12:27:40	2	0	15	15	0	1.0467	1.0466	-0.0001	0.9965	0.9966	-0.0001
2024-02-04T12:32:17	1	0	24	23	1	1.0449	1.0445	-0.0005	-1	-1	0.0000
2024-02-04T12:33:50	2	0	1	0	1	1.0554	null	null	0.9607	0.9607	0.0000
2024-02-04T12:39:23	1	0	41	40	1	1.0527	1.0527	0.0000	0.965	0.965	0.0000
2024-02-04T12:41:18	1	0	25	24	1	1.0550	1.0548	-0.0001	0.9992	0.9992	0.0000
2024-02-04T12:45:14	1	0	22	21	1	1.0473	1.0469	-0.0004	0.9961	0.9961	0.0000
2024-02-04T12:45:31	1	0	1	1	0	1.0303	1.0303	0.0000	0.9992	0.9992	0.0000
2024-02-04T12:47:18	1	0	33	32	1	1.0462	1.0459	-0.0003	-1	-1	0.0000
2024-02-04T12:48:36	6	0	8	9	-1	0.9968	0.9910	-0.0058	0.9643	0.9642	0.0001
2024-02-04T12:57:42	1	0	31	31	0	1.0514	1.0513	0.0000	0.9975	0.9976	-0.0001
2024-02-04T13:01:16	14	0	7	8	-1	1.0274	1.0249	-0.0025	0.9965	0.997	-0.0005
2024-02-04T13:03:06	4	0	3	1	2	1.0562	1.0551	-0.0011	0.9697	0.9691	0.0006
2024-02-04T13:03:13	1	0	7	7	0	1.0317	1.0315	-0.0001	0.9526	0.9524	0.0002
2024-02-04T13:05:25	2	0	21	20	1	1.0441	1.0435	-0.0007	0.9586	0.9585	0.0001
2024-02-04T13:10:24	1	0	103	103	0	1.0579	1.0579	0.0000	0.9964	0.9965	-0.0001
2024-02-04T13:11:53	3	0	5	5	0	1.0603	1.0599	-0.0004	-0.9996	-0.9996	0.0000
2024-02-04T13:12:42	1	0	10	10	0	1.0456	1.0452	-0.0004	-0.9985	-0.9985	0.0000
2024-02-04T13:12:43	1	0	13	13	0	1.0486	1.0485	0.0000	0.9976	0.9976	0.0000
2024-02-04T13:12:47	1	0	43	42	1	1.0495	1.0493	-0.0002	-0.9954	-0.9954	0.0000
2024-02-04T13:27:48	1	0	52	51	1	1.0497	1.0495	-0.0002	-0.9941	-0.994	-0.0001
2024-02-04T13:29:38	1	0	65	65	0	1.0486	1.0486	0.0000	-0.9957	-0.9957	0.0000
2024-02-04T13:33:39	1	0	27	23	4	1.0558	1.0550	-0.0008	-0.9959	-0.996	0.0001
2024-02-04T13:40:57	1	0	401	399	2	0.8861	0.8862	0.0001	0.9365	0.9365	0.0000
2024-02-04T13:42:49	2	0	66	64	2	1.0504	1.0502	-0.0002	-0.9937	-0.9936	-0.0001
2024-02-04T13:44:17	2	0	35	33	2	1.0497	1.0493	-0.0004	-0.9685	-0.9684	-0.0001
2024-02-04T13:46:25	3	0	8	8	0	1.0265	1.0265	-0.0001	0.9972	0.9972	0.0000
2024-02-04T13:48:40	1	0	14	12	2	1.0525	1.0512	-0.0013	-0.9965	-0.9967	0.0002
2024-02-04T13:50:45	6	0	51	49	2	1.0497	1.0497	0.0000	-0.9854	-0.9853	-0.0001
2024-02-04T13:55:58	1	0	6	6	0	0.9957	0.9957	0.0000	0.9721	0.9721	0.0000
2024-02-04T13:58:03	1	0	69	69	0	1.0506	1.0506	0.0000	-0.9938	-0.9938	0.0000
2024-02-04T13:59:18	1	0	34	33	1	1.0491	1.0489	-0.0002	-0.9632	-0.9632	0.0000
2024-02-04T14:01:32	1	0	10	10	0	1.0283	1.0282	-0.0001	0.9969	0.9968	0.0001
2024-02-04T14:03:17	5	0	81	80	1	1.0566	1.0563	-0.0003	0.9623	0.9622	0.0001
2024-02-04T14:03:41	1	0	4	4	0	1.0318	1.0317	-0.0001	0.976	0.976	0.0000
2024-02-04T14:03:41	2	0	15	14	1	1.0491	1.0481	-0.0010	-0.9963	-0.9965	0.0002

2024-02-04T14:04:01	1	0	1	1	0	1.0313	1.0309	-0.0004	-0.9892	-0.9892	0.0000
2024-02-04T14:04:55	4	0	8	7	1	1.0499	1.0487	-0.0012	0.984	0.9839	0.0001
2024-02-04T14:05:10	4	0	104	105	-1	1.0576	1.0576	0.0000	0.9981	0.9982	-0.0001
2024-02-04T14:05:28	4	0	50	49	1	1.0539	1.0539	-0.0001	0.9996	0.9996	0.0000
2024-02-04T14:05:46	3	0	53	52	1	1.0514	1.0514	0.0000	-0.984	-0.984	0.0000
2024-02-04T14:05:54	3	0	2	3	-1	1.0519	1.0500	-0.0019	-0.9999	-0.9998	-0.0001
2024-02-04T14:07:14	1	0	8	8	0	1.0555	1.0555	-0.0001	-0.9996	-0.9996	0.0000
2024-02-04T14:09:04	3	0	1	0	1	1.0373	null	null	1	1	0.0000
2024-02-04T14:10:59	3	0	8	8	0	1.0047	1.0045	-0.0002	0.972	0.9716	0.0004
2024-02-04T14:11:48	1	0	1	1	0	1.0568	1.0564	-0.0004	0.9972	0.9971	0.0001
2024-02-04T14:11:53	2	0	36	32	4	1.0559	1.0555	-0.0004	0.9997	0.9997	0.0000
2024-02-04T14:13:04	1	0	73	72	1	1.0500	1.0500	-0.0001	-0.9935	-0.9934	-0.0001
2024-02-04T14:13:58	3	0	3	4	-1	1.0317	1.0326	0.0008	-1	-1	0.0000
2024-02-04T14:14:11	4	0	8	8	0	1.0514	1.0514	-0.0001	-0.9845	-0.9844	-0.0001
2024-02-04T14:14:19	2	0	35	33	2	1.0490	1.0485	-0.0004	-0.962	-0.962	0.0000
2024-02-04T14:14:55	1	0	4	3	1	1.0506	1.0480	-0.0026	0.9973	0.9973	0.0000
2024-02-04T14:15:20	1	0	33	32	1	1.0491	1.0488	-0.0003	0.9952	0.9952	0.0000
2024-02-04T14:16:00	9	0	4	7	-3	1.0351	1.0397	0.0046	0.9499	0.9662	-0.0163
2024-02-04T14:16:10	2	0	24	24	0	1.0494	1.0494	0.0000	0.9988	0.9988	0.0000
2024-02-04T14:16:33	3	0	9	9	0	1.0272	1.0271	-0.0002	0.9974	0.9973	0.0001
2024-02-04T14:16:39	3	0	1	1	0	1.0297	1.0296	-0.0001	0.9932	0.993	0.0002
2024-02-04T14:16:53	3	0	1	0	1	1.0337	null	null	-0.9937	-0.9938	0.0001
2024-02-04T14:17:14	2	0	6	6	0	1.0307	1.0307	-0.0001	0.9986	0.9986	0.0000
2024-02-04T14:18:42	2	0	13	12	1	1.0502	1.0491	-0.0010	-0.9965	-0.9968	0.0003
2024-02-04T14:18:45	2	0	4	4	0	1.0114	1.0110	-0.0004	0.9773	0.9771	0.0002
2024-02-04T14:19:02	1	0	1	1	0	1.0295	1.0293	-0.0002	-0.9856	-0.9855	-0.0001
2024-02-04T14:19:09	11	0	54	28	26	1.0534	1.0507	-0.0028	-0.9977	-0.9982	0.0005
2024-02-04T14:19:45	3	0	16	17	-1	1.0542	1.0531	-0.0011	0.9977	0.9977	0.0000
2024-02-04T14:20:07	2	0	18	18	0	1.0521	1.0520	-0.0001	0.9999	0.9998	0.0001
2024-02-04T14:20:11	3	0	87	86	1	1.0587	1.0586	-0.0001	0.9981	0.9967	0.0014
2024-02-04T14:20:11	3	0	1	1	0	1.0357	1.0349	-0.0008	0.9807	0.9805	0.0002
2024-02-04T14:20:29	3	0	44	43	1	1.0541	1.0537	-0.0004	0.9993	0.9993	0.0000
2024-02-04T14:20:30	5	0	28	24	4	1.0483	1.0471	-0.0012	0.9679	0.9677	0.0002
2024-02-04T14:20:47	2	0	52	52	0	1.0509	1.0509	-0.0001	-0.982	-0.9821	0.0001
2024-02-04T14:20:55	3	0	1	1	0	1.0583	1.0579	-0.0004	0.9896	0.9893	0.0003
2024-02-04T14:22:15	1	0	17	17	0	1.0534	1.0534	0.0000	-0.9997	-0.9997	0.0000
2024-02-04T14:23:52	1	0	84	83	1	1.0533	1.0532	-0.0001	-0.8992	-0.8992	0.0000
2024-02-04T14:26:00	4	0	520	521	-1	0.8732	0.8733	0.0001	0.9247	0.9321	-0.0074
2024-02-04T14:26:27	1	0	1	1	0	1.0571	1.0570	-0.0001	-0.9024	-0.9023	-0.0001
2024-02-04T14:26:49	1	0	1	1	0	1.0566	1.0565	-0.0001	0.9979	0.9978	0.0001
2024-02-04T14:26:51	1	0	12	12	0	1.0470	1.0470	0.0000	-0.9865	-0.9865	0.0000
2024-02-04T14:27:02	1	0	14	13	1	1.0520	1.0516	-0.0004	0.9979	0.9979	0.0000
2024-02-04T14:27:17	2	0	5	5	0	1.0419	1.0418	-0.0001	-0.9736	-0.9741	0.0005
2024-02-04T14:27:48	1	0	11	11	0	1.0455	1.0455	0.0000	0.9978	0.9977	0.0001
2024-02-04T14:28:16	4	0	62	58	4	1.0557	1.0551	-0.0006	0.9977	0.9976	0.0001
2024-02-04T14:28:16	11	0	29	28	1	1.0488	1.0487	0.0000	0.991	0.9909	0.0001
2024-02-04T14:28:28	1	0	3	3	0	1.0299	1.0297	-0.0002	0.9958	0.9958	0.0000
2024-02-04T14:28:59	3	0	2	2	0	1.0278	1.0270	-0.0009	1	1	0.0000
2024-02-04T14:29:12	4	0	8	8	0	1.0518	1.0518	-0.0001	-0.9849	-0.9851	0.0002
2024-02-04T14:29:20	2	0	37	37	0	1.0492	1.0490	-0.0001	-0.9629	-0.9633	0.0004
2024-02-04T14:29:56	1	0	6	5	1	1.0494	1.0477	-0.0017	0.9973	0.9973	0.0000
2024-02-04T14:31:01	1	0	56	56	0	1.0605	1.0603	-0.0002	0.9549	0.9542	0.0007
2024-02-04T14:31:11	1	0	28	28	0	1.0504	1.0503	0.0000	0.9991	0.9991	0.0000
2024-02-04T14:31:54	1	0	1	0	1	1.0348	null	null	-0.9922	-0.9922	0.0000
2024-02-04T14:32:01	1	0	2	2	0	1.0368	1.0367	-0.0002	-1	-1	0.0000
2024-02-04T14:32:15	4	0	5	5	0	1.0308	1.0306	-0.0003	0.9987	0.9986	0.0001
2024-02-04T14:33:43	2	0	10	9	1	1.0488	1.0473	-0.0014	-0.9964	-0.9968	0.0004
2024-02-04T14:33:46	2	0	3	3	0	1.0323	1.0320	-0.0004	0.9769	0.9768	0.0001
2024-02-04T14:33:51	6	0	2	2	0	1.0229	1.0227	-0.0003	-0.9855	-0.9855	0.0000
2024-02-04T14:33:57	2	0	3	3	0	1.0392	1.0385	-0.0006	0.9868	0.9866	0.0002
2024-02-04T14:34:10	12	0	32	29	3	1.0516	1.0517	0.0001	-0.9976	-0.9977	0.0001
2024-02-04T14:34:26	1	0	5	5	0	1.0385	1.0384	-0.0001	0.9935	0.9931	0.0004
2024-02-04T14:34:55	2	0	18	19	-1	1.0562	1.0559	-0.0003	0.9981	0.9981	0.0000
2024-02-04T14:34:57	4	0	4	3	1	1.0456	1.0454	-0.0003	0.9816	0.9809	0.0007
2024-02-04T14:35:11	2	0	14	14	0	1.0524	1.0522	-0.0001	0.9979	0.9974	0.0005
2024-02-04T14:35:12	3	0	87	84	3	1.0571	1.0570	0.0000	0.998	0.9979	0.0001
2024-02-04T14:35:24	15	0	21	18	3	1.0481	1.0477	-0.0004	-0.9975	-0.9978	0.0003
2024-02-04T14:35:30	4	0	52	48	4	1.0536	1.0535	0.0000	0.9998	0.9998	0.0000
2024-02-04T14:35:31	5	0	23	20	3	1.0513	1.0511	-0.0002	0.9644	0.9637	0.0007
2024-02-04T14:35:48	2	0	46	45	1	1.0522	1.0522	0.0000	-0.9922	-0.9922	0.0000
2024-02-04T14:36:10	3	0	2	2	0	1.0683	1.0678	-0.0005	0.888	0.7635	0.1245
2024-02-04T14:38:17	4	0	7	7	0	1.0296	1.0295	-0.0002	-0.9998	-0.9998	0.0000
2024-02-04T14:38:55	1	0	58	56	2	1.0514	1.0512	-0.0001	-0.9121	-0.912	-0.0001
2024-02-04T14:39:31	3	0	43	42	1	1.0490	1.0495	0.0005	0.9665	0.9664	0.0001
2024-02-04T14:39:33	2	0	9	1	8	1.0543	1.0572	0.0029	0.9933	0.967	0.0263
2024-02-04T14:41:01	4	0	455	456	-1	0.8772	0.8773	0.0000	0.931	0.9309	0.0001
2024-02-04T14:41:50	1	0	1	1	0	1.0555	1.0554	-0.0001	0.9971	0.9962	0.0009
2024-02-04T14:41:52	1	0	3	3	0	1.0498	1.0497	0.0000	-0.9906	-0.9906	0.0000
2024-02-04T14:42:06	1	0	45	45	0	1.0492	1.0491	0.0000	-0.994	-0.9939	-0.0001
2024-02-04T14:42:10	1	0	21	20	1	1.0541	1.0539	-0.0002	0.9984	0.9984	0.0000
2024-02-04T14:42:49	1	0	11	11	0	1.0456	1.0457	0.0000	0.9982	0.9982	0.0000
2024-02-04T14:43:17	11	0	31	30	1	1.0473	1.0473	0.0000	0.9906	0.9905	0.0001
2024-02-04T14:43:26	9	0	46	45	1	1.0534	1.0533	-0.0002	0.9985	0.9985	0.0000
2024-02-04T14:43:49	1	0	11	10	1	1.0458	1.0458	-0.0001	0.9953	0.9953	0.0000
2024-02-04T14:44:00	3	0	2	2	0	1.0331	1.0329	-0.0003	0.9983	0.9983	0.0000

2024-02-04T14:44:13	4	0	9	9	0	1.0519	1.0518	-0.0001	-0.9857	-0.9858	0.0001
2024-02-04T14:44:21	3	0	32	31	1	1.0489	1.0486	-0.0002	-0.9669	-0.9668	-0.0001
2024-02-04T14:44:37	1	0	25	25	0	1.0533	1.0532	-0.0001	0.9971	0.997	0.0001
2024-02-04T14:44:57	1	0	5	5	0	1.0484	1.0484	0.0000	0.9981	0.9981	0.0000
2024-02-04T14:44:59	2	0	11	11	0	1.0490	1.0490	0.0000	-0.9898	-0.9898	0.0000
2024-02-04T14:45:47	8	0	12	12	0	1.0332	1.0331	-0.0001	0.9831	0.9829	0.0002
2024-02-04T14:48:44	1	0	11	10	1	1.0502	1.0489	-0.0012	-0.9966	-0.997	0.0004
2024-02-04T14:48:47	1	0	3	3	0	0.9928	0.9929	0.0001	0.9755	0.9756	-0.0001
2024-02-04T14:48:52	5	0	5	5	0	1.0403	1.0401	-0.0001	-0.9818	-0.9818	0.0000
2024-02-04T14:50:13	1	0	95	94	1	1.0592	1.0592	0.0000	0.9989	0.9989	0.0000
2024-02-04T14:50:14	1	0	15	15	0	1.0522	1.0521	-0.0001	0.9999	0.9998	0.0001
2024-02-04T14:50:31	3	0	44	43	1	1.0531	1.0538	0.0007	0.9997	0.9997	0.0000
2024-02-04T14:51:15	1	0	8	8	0	1.0520	1.0518	-0.0002	-0.5409	-0.56	0.0191
2024-02-04T14:52:17	1	0	107	107	0	1.0641	1.0641	0.0000	-0.9996	-0.9996	0.0000
2024-02-04T14:54:32	1	0	52	52	0	1.0522	1.0522	0.0000	0.9668	0.9668	0.0000
2024-02-04T14:57:48	1	0	4	3	1	1.0585	1.0568	-0.0017	0.9975	0.9974	0.0001
2024-02-04T14:58:30	1	0	3	3	0	1.0329	1.0329	0.0000	0.9955	0.9956	-0.0001
2024-02-04T14:59:38	1	0	30	30	0	1.0538	1.0537	-0.0001	0.9973	0.9971	0.0002
2024-02-04T15:01:05	3	0	38	39	-1	1.0546	1.0547	0.0000	-0.9497	-0.9503	0.0006
2024-02-04T15:01:43	8	0	8	8	0	1.0293	1.0291	-0.0002	0.9976	0.9975	0.0001
2024-02-04T15:03:21	1	0	38	38	0	1.0533	1.0533	0.0000	0.9671	0.9671	0.0000
2024-02-04T15:03:45	1	0	9	8	1	1.0491	1.0476	-0.0015	-0.9978	-0.998	0.0002
2024-02-04T15:05:14	3	0	2	2	0	1.0327	1.0325	-0.0002	0.9811	0.981	0.0001
2024-02-04T15:05:16	1	0	18	18	0	1.0525	1.0525	-0.0001	0.9988	0.9984	0.0004
2024-02-04T15:05:32	1	0	41	41	0	1.0527	1.0527	0.0000	0.9997	0.9997	0.0000
2024-02-04T15:05:50	1	0	45	44	1	1.0521	1.0521	0.0000	-0.9907	-0.9907	0.0000
2024-02-04T15:08:19	1	0	5	5	0	1.0301	1.0301	-0.0001	-0.9999	-0.9999	0.0000
2024-02-04T15:09:35	2	0	8	2	6	1.0537	1.0504	-0.0033	0.9945	0.9928	0.0017
2024-02-04T15:12:00	4	0	1	1	0	1.0577	1.0573	-0.0004	-0.9993	-0.9994	0.0001
2024-02-04T15:12:25	1	0	48	46	2	1.0559	1.0558	-0.0001	1	1	0.0000
2024-02-04T15:14:39	1	0	22	22	0	1.0523	1.0523	0.0000	0.9966	0.9967	-0.0001
2024-02-04T15:16:49	2	0	3	3	0	1.0439	1.0437	-0.0002	0.9999	0.9999	0.0000
2024-02-04T15:16:50	2	0	9	9	0	1.0245	1.0245	0.0000	0.997	0.997	0.0000
2024-02-04T15:19:06	2	0	1	1	0	1.0318	1.0314	-0.0004	-0.9833	-0.9833	0.0000
2024-02-04T15:19:13	1	0	17	17	0	1.0502	1.0501	-0.0002	-0.9982	-0.9982	0.0000
2024-02-04T15:20:18	1	0	13	14	-1	1.0529	1.0522	-0.0007	0.9986	0.9983	0.0003
2024-02-04T15:21:31	1	0	1	1	0	1.0395	1.0395	0.0000	0.9953	0.9953	0.0000
2024-02-04T15:25:58	2	0	1	1	0	1.0341	1.0216	-0.0125	-0.9903	-0.9935	0.0032
2024-02-04T15:28:32	1	0	3	3	0	1.0292	1.0289	-0.0003	0.9957	0.9955	0.0002
2024-02-04T15:29:40	1	0	19	19	0	1.0521	1.0521	0.0000	0.9969	0.9969	0.0000
2024-02-04T15:30:55	1	0	7	7	0	1.0349	1.0349	0.0000	0.9831	0.9831	0.0000
2024-02-04T15:31:14	7	0	60	59	1	1.0652	1.0647	-0.0004	0.9573	0.9575	-0.0002
2024-02-04T15:31:51	4	0	9	9	0	1.0239	1.0238	-0.0001	0.9966	0.9965	0.0001
2024-02-04T15:32:29	1	0	1	1	0	1.0374	1.0374	0.0000	-0.9986	-0.9986	0.0000
2024-02-04T15:33:47	1	0	7	7	0	1.0468	1.0463	-0.0006	-0.9965	-0.9967	0.0002
2024-02-04T15:40:59	3	0	2	2	0	1.0290	1.0261	-0.0028	-0.9947	-0.9932	-0.0015
2024-02-04T15:42:56	1	0	7	7	0	1.0407	1.0407	0.0000	0.9978	0.9977	0.0001
2024-02-04T15:44:41	1	0	19	19	0	1.0515	1.0515	0.0000	0.997	0.9971	-0.0001
2024-02-04T15:46:53	1	0	10	10	0	1.0212	1.0211	0.0000	0.9966	0.9966	0.0000
2024-02-04T15:48:48	1	0	8	7	1	1.0473	1.0471	-0.0003	-0.9962	-0.9943	-0.0019
2024-02-04T15:50:23	1	0	12	12	0	1.0518	1.0518	0.0000	0.999	0.999	0.0000
2024-02-04T15:52:13	2	0	1	0	1	0.9446	null	null	-0.9754	-0.9752	-0.0002
2024-02-04T15:53:22	1	0	5	5	0	1.0290	1.0290	-0.0001	-0.9999	-0.9999	0.0000
2024-02-04T15:56:00	2	0	6	6	0	1.0157	1.0142	-0.0015	-0.9911	-0.9922	0.0011
2024-02-04T15:58:56	5	0	1	0	1	1.0337	null	null	-0.9996	-0.9996	0.0000
2024-02-04T15:59:42	1	0	17	17	0	1.0514	1.0514	0.0000	0.997	0.9971	-0.0001
2024-02-04T16:03:59	1	0	1	1	0	0.9425	0.9433	0.0008	-0.9897	-0.9895	-0.0002
2024-02-04T16:07:14	2	0	1	0	1	0.9437	null	null	-0.9735	-0.9728	-0.0007
2024-02-04T16:11:01	2	0	30	32	-2	0.9519	0.9533	0.0014	-0.9947	-0.9942	-0.0005
2024-02-04T16:14:43	1	0	11	11	0	1.0511	1.0511	0.0000	0.9971	0.9972	-0.0001
2024-02-04T16:15:07	1	0	1	1	0	0.9396	0.9403	0.0007	0.9707	0.9708	-0.0001
2024-02-04T16:16:18	7	0	30	20	10	1.0536	1.0516	-0.0020	0.9592	0.9612	-0.0020
2024-02-04T16:18:50	1	0	2	0	2	1.0455	null	null	-0.9936	-0.9938	0.0002
2024-02-04T16:22:15	2	0	1	1	0	0.9437	0.9439	0.0002	-0.9763	-0.9762	-0.0001
2024-02-04T16:26:02	2	0	5	5	0	1.0062	1.0061	-0.0002	-0.9942	-0.9943	0.0001
2024-02-04T16:26:08	1	0	11	11	0	1.0088	1.0086	-0.0002	0.9705	0.9702	0.0003
2024-02-04T16:29:44	1	0	11	10	1	1.0500	1.0504	0.0004	0.9973	0.9972	0.0001
2024-02-04T16:33:51	1	0	7	7	0	1.0487	1.0484	-0.0004	-0.9874	-0.9875	0.0001
2024-02-04T16:34:52	1	0	80	72	8	0.9691	0.9779	0.0088	0.9943	0.9945	-0.0002
2024-02-04T16:37:08	4	0	1	1	0	1.0074	1.0062	-0.0012	0.9913	0.9898	0.0015
2024-02-04T17:03:53	1	0	8	8	0	1.0474	1.0472	-0.0002	-0.9878	-0.9877	-0.0001
2024-02-04T17:07:10	2	0	3	3	0	0.9565	0.9573	0.0008	0.9921	0.9908	0.0013
2024-02-04T17:20:40	2	0	48	37	11	0.9496	0.9501	0.0005	0.9881	0.9881	0.0000
2024-02-04T17:47:31	1	0	96	96	0	0.9321	0.9322	0.0001	-0.9992	-0.9992	0.0000
2024-02-05T07:50:04	2	0	84	82	2	0.9406	0.9407	0.0000	-0.9551	-0.9529	-0.0022
2024-02-05T07:51:38	1	0	117	117	0	0.9037	0.9038	0.0001	0.9752	0.9752	0.0000
2024-02-05T07:55:53	1	0	46	46	0	0.9348	0.9349	0.0001	0.9965	0.9965	0.0000
2024-02-05T08:03:02	1	0	99	99	0	0.9833	0.9834	0.0002	0.9941	0.9941	0.0000
2024-02-05T08:06:34	5	0	93	91	2	0.9745	0.9747	0.0002	0.9989	0.9989	0.0000
2024-02-05T08:06:39	1	0	128	128	0	0.9126	0.9126	0.0000	0.9766	0.9766	0.0000
2024-02-05T08:09:25	1	0	124	124	0	0.9304	0.9306	0.0002	0.9953	0.9941	0.0012
2024-02-05T08:09:29	1	0	87	85	2	1.0596	1.0597	0.0001	0.9843	0.9838	0.0005
2024-02-05T08:29:09	4	0	56	51	5	1.0541	1.0540	-0.0001	0.9988	0.9988	0.0000
2024-02-05T08:32:36	2	0	57	56	1	1.0124	1.0124	0.0000	0.9448	0.9448	0.0000
2024-02-05T08:36:33	1	0	1	1	0	0.9409	0.9412	0.0003	-0.9927	-0.9926	-0.0001

2024-02-05T08:41:29	2	0	39	39	0	1.0555	1.0554	0.0000	0.9994	0.9994	0.0000
2024-02-05T08:45:29	4	0	159	158	1	0.9376	0.9377	0.0001	0.9521	0.9521	0.0000
2024-02-05T08:47:37	2	0	76	74	2	1.0242	1.0242	0.0000	0.947	0.9469	0.0001
2024-02-05T08:54:44	2	0	102	101	1	0.9374	0.9375	0.0001	0.998	0.998	0.0000
2024-02-05T08:58:28	1	0	1	1	0	1.0339	1.0335	-0.0004	-0.9965	-0.9966	0.0001
2024-02-05T09:03:16	1	0	51	32	19	0.9413	0.9423	0.0010	0.9896	0.9898	-0.0002
2024-02-05T09:05:12	2	0	44	44	0	1.0569	1.0567	-0.0001	0.9993	0.9992	0.0001
2024-02-05T09:06:41	2	0	22	20	2	1.0469	1.0465	-0.0005	0.9959	0.9959	0.0000
2024-02-05T09:06:43	2	0	110	111	-1	0.9214	0.9219	0.0005	0.9858	0.9859	-0.0001
2024-02-05T09:10:58	1	0	22	19	3	0.9740	0.9789	0.0049	0.9989	0.999	-0.0001
2024-02-05T09:13:29	1	0	1	1	0	1.0302	1.0288	-0.0014	-0.9969	-0.997	0.0001
2024-02-05T09:17:10	5	0	81	78	3	1.0538	1.0538	-0.0001	0.9792	0.9791	0.0001
2024-02-05T09:20:10	2	0	99	97	2	0.9374	0.9381	0.0007	-0.9961	-0.9958	-0.0003
2024-02-05T09:20:12	1	0	4	4	0	1.0179	1.0175	-0.0004	0.9025	0.89	0.0125
2024-02-05T09:21:14	1	0	12	12	0	0.9566	0.9568	0.0001	0.9936	0.9936	0.0000
2024-02-05T09:30:50	1	0	4	4	0	1.0180	1.0179	-0.0001	0.9956	0.9955	0.0001
2024-02-05T09:33:28	1	0	6	6	0	1.0498	1.0497	0.0000	0.9932	0.9933	-0.0001
2024-02-05T09:35:14	9	0	33	32	1	1.0540	1.0532	-0.0008	0.9995	0.9995	0.0000
2024-02-05T09:35:30	1	0	3	3	0	1.0059	1.0057	-0.0002	1	1	0.0000
2024-02-05T09:36:43	3	0	18	16	2	1.0213	1.0359	0.0147	0.9954	0.9955	-0.0001
2024-02-05T09:43:50	3	0	2	2	0	1.0390	1.0387	-0.0003	-0.9983	-0.9983	0.0000
2024-02-05T09:45:39	1	0	11	11	0	1.0468	1.0468	-0.0001	0.9966	0.9966	0.0000
2024-02-05T09:45:59	1	0	5	5	0	1.0250	1.0248	-0.0002	0.9955	0.9954	0.0001
2024-02-05T09:46:28	1	0	32	31	1	1.0498	1.0496	-0.0002	0.9926	0.9926	0.0000
2024-02-05T09:46:43	1	0	48	47	1	1.0516	1.0516	-0.0001	-0.9827	-0.9827	0.0000
2024-02-05T09:47:12	2	0	61	60	1	1.0534	1.0533	0.0000	0.9819	0.9819	0.0000
2024-02-05T09:48:21	1	0	1	0	1	1.0453	null	null	-0.9937	-0.9938	0.0001
2024-02-05T09:48:29	4	0	46	45	1	0.9360	0.9366	0.0007	-0.9995	-0.9996	0.0001
2024-02-05T09:48:47	2	0	5	5	0	1.0398	1.0393	-0.0005	0.998	0.9979	0.0001
2024-02-05T09:49:33	5	0	23	20	3	1.0532	1.0525	-0.0007	0.9976	0.9975	0.0001
2024-02-05T09:49:47	1	0	2	2	0	1.0251	1.0249	-0.0002	0.9759	0.9759	0.0000
2024-02-05T09:50:14	1	0	6	6	0	1.0203	1.0199	-0.0004	0.8822	0.8818	0.0004
2024-02-05T09:50:28	1	0	80	79	1	1.0579	1.0579	0.0000	-0.9842	-0.9845	0.0003
2024-02-05T09:51:16	1	0	6	6	0	0.9730	0.9729	-0.0001	0.9943	0.9942	0.0001
2024-02-05T09:55:33	1	0	43	42	1	0.9308	0.9311	0.0003	0.9859	0.9793	0.0066
2024-02-05T09:58:10	2	0	1	1	0	1.0022	1.0017	-0.0005	-1	-0.9999	-0.0001
2024-02-05T09:59:15	4	0	18	18	0	1.0509	1.0507	-0.0001	0.9962	0.9961	0.0001
2024-02-05T10:00:05	1	0	1	1	0	1.0279	1.0276	-0.0003	0.9982	0.9982	0.0000
2024-02-05T10:00:23	2	0	27	27	0	1.0481	1.0480	-0.0001	0.9982	0.9981	0.0001
2024-02-05T10:01:13	5	0	7	7	0	1.0240	1.0237	-0.0002	0.9956	0.9954	0.0002
2024-02-05T10:01:39	2	0	1	1	0	1.0368	1.0363	-0.0005	0.9997	0.9997	0.0000
2024-02-05T10:01:44	1	0	47	44	3	1.0516	1.0514	-0.0003	-0.984	-0.9841	0.0001
2024-02-05T10:02:02	6	0	92	84	8	1.0548	1.0541	-0.0007	0.9972	0.9971	0.0001
2024-02-05T10:02:13	7	0	125	121	4	1.0547	1.0546	-0.0001	0.9806	0.9805	0.0001
2024-02-05T10:02:42	2	0	14	13	1	0.9920	0.9871	-0.0049	0.9549	0.9548	0.0001
2024-02-05T10:03:53	1	0	1	1	0	1.0049	1.0045	-0.0004	0.9956	0.9955	0.0001
2024-02-05T10:04:41	1	0	9	9	0	1.0485	1.0484	-0.0001	0.9463	0.9457	0.0006
2024-02-05T10:05:16	6	0	40	39	1	1.0550	1.0548	-0.0002	0.9999	0.9997	0.0002
2024-02-05T10:05:18	3	0	13	12	1	1.0516	1.0512	-0.0004	0.9928	0.9927	0.0001
2024-02-05T10:05:29	1	0	128	127	1	1.0601	1.0599	-0.0002	-0.981	-0.9815	0.0005
2024-02-05T10:06:47	2	0	115	114	1	0.9225	0.9226	0.0000	0.9791	0.9794	-0.0003
2024-02-05T10:08:12	5	0	39	32	7	0.9378	0.9389	0.0011	0.997	0.9971	-0.0001
2024-02-05T10:13:28	1	0	20	20	0	1.0478	1.0477	-0.0001	0.998	0.998	0.0000
2024-02-05T10:13:52	3	0	5	5	0	1.0481	1.0479	-0.0002	-0.9983	-0.9984	0.0001
2024-02-05T10:14:09	2	0	8	8	0	1.0446	1.0446	-0.0001	-0.9993	-0.9994	0.0001
2024-02-05T10:14:36	1	0	27	26	1	1.0544	1.0541	-0.0003	0.9866	0.9865	0.0001
2024-02-05T10:15:57	2	0	1	0	1	1.0209	null	null	0.9705	0.9703	0.0002
2024-02-05T10:16:23	2	0	6	6	0	1.0248	1.0246	-0.0002	0.9955	0.9954	0.0001
2024-02-05T10:16:57	2	0	3	3	0	1.0311	1.0309	-0.0002	0.9927	0.9926	0.0001
2024-02-05T10:17:11	9	0	155	140	15	1.0574	1.0571	-0.0003	0.9971	0.9971	0.0000
2024-02-05T10:17:12	3	0	3	3	0	1.0353	1.0349	-0.0004	0.9773	0.9772	0.0001
2024-02-05T10:18:31	1	0	17	15	2	1.0027	1.0026	-0.0001	-0.9942	-0.9943	0.0001
2024-02-05T10:19:49	2	0	1	1	0	1.0314	1.0307	-0.0007	0.9752	0.9751	0.0001
2024-02-05T10:19:57	2	0	4	4	0	1.0512	1.0506	-0.0006	-0.8867	-0.8874	0.0007
2024-02-05T10:20:06	1	0	1	1	0	1.0348	1.0341	-0.0007	-0.9999	-0.9999	0.0000
2024-02-05T10:20:30	3	0	140	137	3	1.0643	1.0635	-0.0007	-0.9762	-0.9774	0.0012
2024-02-05T10:21:53	3	0	97	89	8	1.0307	1.0468	0.0161	0.9997	0.9997	0.0000
2024-02-05T10:24:11	2	0	61	60	1	1.0535	1.0533	-0.0001	0.9703	0.97	0.0003
2024-02-05T10:24:13	2	0	10	9	1	1.0526	1.0513	-0.0012	0.9734	0.9723	0.0011
2024-02-05T10:25:00	4	0	3	1	2	1.0500	1.0392	-0.0108	0.9944	0.9942	0.0002
2024-02-05T10:25:32	2	0	53	46	7	0.9425	0.9425	0.0000	-0.9898	-0.9887	-0.0011
2024-02-05T10:25:35	1	0	15	15	0	0.9454	0.9456	0.0002	0.9869	0.9808	0.0061
2024-02-05T10:27:53	1	0	25	23	2	0.9414	0.9415	0.0001	0.9897	0.9898	-0.0001
2024-02-05T10:28:32	1	0	4	4	0	0.9896	0.9896	-0.0001	0.9931	0.993	0.0001
2024-02-05T10:29:37	1	0	16	16	0	1.0534	1.0533	-0.0001	0.9874	0.9874	0.0000
2024-02-05T10:30:07	3	0	3	2	1	1.0386	1.0271	-0.0115	0.9993	0.9993	0.0000
2024-02-05T10:31:41	1	0	1	1	0	1.0389	1.0382	-0.0007	0.9993	0.9993	0.0000
2024-02-05T10:31:46	1	0	67	67	0	1.0541	1.0540	-0.0001	-0.9803	-0.9804	0.0001
2024-02-05T10:32:20	1	0	64	63	1	1.0534	1.0532	-0.0001	0.9917	0.9917	0.0000
2024-02-05T10:33:32	1	0	34	34	0	1.0567	1.0567	-0.0001	0.9942	0.9942	0.0000
2024-02-05T10:33:50	4	0	7	6	1	1.0469	1.0465	-0.0003	0.9949	0.9948	0.0001
2024-02-05T10:34:43	1	0	13	13	0	1.0506	1.0506	0.0000	0.97	0.9694	0.0006
2024-02-05T10:34:53	1	0	5	5	0	1.0429	1.0428	-0.0001	0.997	0.997	0.0000
2024-02-05T10:38:01	5	0	129	126	3	1.0573	1.0572	0.0000	-0.9846	-0.9846	0.0000
2024-02-05T10:40:01	3	0	2	2	0	1.0472	1.0470	-0.0001	0.9969	0.9955	0.0014

2024-02-05T10:40:36	1	0	15	14	1	0.9452	0.9453	0.0002	-0.9868	-0.9863	-0.0005
2024-02-05T10:41:05	2	0	3	3	0	1.0427	1.0424	-0.0003	0.9931	0.993	0.0001
2024-02-05T10:41:37	2	0	46	45	1	1.0553	1.0550	-0.0003	0.9999	0.9999	0.0000
2024-02-05T10:44:03	1	0	13	12	1	1.0469	1.0469	0.0000	0.9908	0.9906	0.0002
2024-02-05T10:44:38	4	0	18	17	1	1.0536	1.0535	-0.0002	0.9868	0.9868	0.0000
2024-02-05T10:46:16	1	0	38	37	1	1.0500	1.0498	-0.0002	0.9909	0.9909	0.0000
2024-02-05T10:47:18	1	0	1	0	1	1.0554	null	null	0.9605	0.9604	0.0001
2024-02-05T10:47:29	1	0	102	101	1	1.0565	1.0565	-0.0001	0.991	0.991	0.0000
2024-02-05T10:48:10	1	0	302	301	1	1.0633	1.0633	0.0000	-0.9617	-0.9618	0.0001
2024-02-05T10:48:33	7	0	19	19	0	1.0328	1.0229	-0.0099	-0.9936	-0.9939	0.0003
2024-02-05T10:48:39	1	0	67	67	0	1.0581	1.0577	-0.0004	0.9952	0.9951	0.0001
2024-02-05T10:48:49	1	0	95	92	3	0.9248	0.9257	0.0009	0.9913	0.9912	0.0001
2024-02-05T10:48:51	1	0	11	11	0	1.0446	1.0445	0.0000	0.9949	0.9948	0.0001
2024-02-05T10:49:44	1	0	13	12	1	1.0506	1.0501	-0.0005	0.966	0.9653	0.0007
2024-02-05T10:50:21	2	0	45	43	2	1.0530	1.0529	-0.0001	-0.996	-0.9961	0.0001
2024-02-05T10:53:00	5	0	3	3	0	1.0319	1.0315	-0.0004	0.9992	0.9992	0.0000
2024-02-05T10:55:09	1	0	1	1	0	1.0588	1.0585	-0.0003	0.9973	0.9972	0.0001
2024-02-05T10:55:37	4	0	1	1	0	1.0215	0.9450	-0.0765	-0.9819	-0.9824	0.0005
2024-02-05T10:56:37	1	0	2	2	0	1.0272	1.0268	-0.0004	0.9818	0.9818	0.0000
2024-02-05T10:57:31	1	0	13	13	0	1.0442	1.0441	-0.0001	0.9978	0.9977	0.0001
2024-02-05T10:57:54	1	0	2	2	0	1.0127	1.0129	0.0002	0.9735	0.9736	-0.0001
2024-02-05T10:58:00	1	0	13	12	1	1.0464	1.0464	0.0000	0.9941	0.994	0.0001
2024-02-05T10:59:12	1	0	18	18	0	1.0475	1.0475	0.0000	-0.9977	-0.9977	0.0000
2024-02-05T11:00:27	1	0	12	12	0	1.0473	1.0472	-0.0001	0.9896	0.9896	0.0000
2024-02-05T11:00:38	4	0	95	94	1	0.9420	0.9420	0.0000	0.9588	0.9587	0.0001
2024-02-05T11:02:37	3	0	137	127	10	1.0561	1.0559	-0.0002	0.9896	0.9895	0.0001
2024-02-05T11:03:26	1	0	1	1	0	1.0576	1.0571	-0.0005	0.9532	0.9532	0.0000
2024-02-05T11:03:34	2	0	7	6	1	1.0316	1.0271	-0.0045	-0.9979	-0.998	0.0001
2024-02-05T11:03:49	2	0	2	2	0	1.0324	1.0322	-0.0003	-0.9997	-0.9997	0.0000
2024-02-05T11:04:45	1	0	13	13	0	1.0508	1.0507	-0.0001	0.9669	0.9662	0.0007
2024-02-05T11:05:28	1	0	59	56	3	1.0550	1.0549	-0.0001	-0.9948	-0.9949	0.0001
2024-02-05T11:05:44	3	0	2	2	0	1.0652	1.0643	-0.0009	0.9862	0.9957	-0.0095
2024-02-05T11:08:03	7	0	130	124	6	1.0573	1.0572	-0.0001	-0.9857	-0.9856	-0.0001
2024-02-05T11:09:14	4	0	21	21	0	1.0413	1.0411	-0.0001	0.9612	0.9563	0.0049
2024-02-05T11:09:16	1	0	5	5	0	1.0492	1.0491	-0.0001	0.9882	0.9797	0.0085
2024-02-05T11:10:38	1	0	313	316	-3	0.9125	0.9132	0.0006	0.9692	0.9691	0.0001
2024-02-05T11:11:26	2	0	13	13	0	1.0532	1.0529	-0.0003	-0.9997	-0.9997	0.0000
2024-02-05T11:12:29	1	0	79	79	0	1.1454	1.1433	-0.0021	-0.9986	-0.9987	0.0001
2024-02-05T11:13:29	2	0	13	10	3	1.0539	1.0537	-0.0002	-0.9904	-0.9906	0.0002
2024-02-05T11:13:32	2	0	27	26	1	1.0494	1.0494	0.0000	0.9982	0.9981	0.0001
2024-02-05T11:14:05	1	0	32	31	1	1.0481	1.0478	-0.0003	1	1	0.0000
2024-02-05T11:14:20	2	0	26	26	0	1.0522	1.0522	0.0000	0.9956	0.9956	0.0000
2024-02-05T11:14:43	3	0	26	24	2	1.0553	1.0552	-0.0001	0.988	0.9879	0.0001
2024-02-05T11:15:10	3	0	2	1	1	1.0452	1.0289	-0.0163	0.9988	0.9988	0.0000
2024-02-05T11:16:18	2	0	50	48	2	1.0497	1.0494	-0.0003	0.9916	0.9916	0.0000
2024-02-05T11:16:32	7	0	3	3	0	1.0343	1.0336	-0.0007	0.9801	0.9763	0.0038
2024-02-05T11:16:44	1	0	1	1	0	1.0382	1.0378	-0.0004	0.9996	0.9996	0.0000
2024-02-05T11:17:20	1	0	1	1	0	1.0575	1.0569	-0.0006	0.9586	0.9584	0.0002
2024-02-05T11:18:27	1	0	2	0	2	1.0458	null	null	-0.9902	-0.9879	-0.0023
2024-02-05T11:18:43	1	0	4	4	0	1.0273	1.0271	-0.0002	0.9463	0.9461	0.0002
2024-02-05T11:18:46	1	0	11	11	0	1.0459	1.0459	0.0000	-0.9946	-0.9947	0.0001
2024-02-05T11:19:00	1	0	4	5	-1	1.0460	1.0257	-0.0203	0.9911	0.9909	0.0002
2024-02-05T11:19:39	5	0	14	12	2	1.0482	1.0476	-0.0006	0.9793	0.9787	0.0006
2024-02-05T11:19:46	1	0	11	11	0	1.0499	1.0498	-0.0001	0.9469	0.9461	0.0008
2024-02-05T11:19:56	1	0	5	5	0	1.0499	1.0499	0.0000	0.9978	0.9977	0.0001
2024-02-05T11:20:36	1	0	58	57	1	1.0545	1.0545	0.0000	-0.9952	-0.9952	0.0000
2024-02-05T11:21:22	1	0	7	7	0	0.9855	0.9857	0.0002	0.9941	0.9942	-0.0001
2024-02-05T11:23:04	8	0	178	165	13	1.0585	1.0583	-0.0002	-0.9832	-0.9835	0.0003
2024-02-05T11:26:36	2	0	1	0	1	1.0557	null	null	0.9933	0.9929	0.0004
2024-02-05T11:27:57	1	0	52	52	0	0.9447	0.9447	0.0000	0.9999	0.9999	0.0000
2024-02-05T11:28:02	1	0	8	8	0	1.0490	1.0490	0.0000	0.9809	0.9809	0.0000
2024-02-05T11:28:30	2	0	1	2	-1	1.0985	1.0716	-0.0269	-0.996	-0.9959	-0.0001
2024-02-05T11:28:55	1	0	6	6	0	0.9683	0.9683	0.0000	0.9945	0.9945	0.0000
2024-02-05T11:29:06	4	0	35	33	2	1.0489	1.0485	-0.0004	0.9997	0.9997	0.0000
2024-02-05T11:29:48	5	0	43	39	4	1.0563	1.0561	-0.0002	0.9891	0.989	0.0001
2024-02-05T11:30:42	8	0	2	2	0	1.0157	1.0151	-0.0006	0.9486	0.9208	0.0278
2024-02-05T11:30:54	1	0	28	24	4	1.0509	1.0510	0.0001	0.9642	0.9639	0.0003
2024-02-05T11:31:19	4	0	68	65	3	1.0501	1.0498	-0.0003	0.9913	0.9913	0.0000
2024-02-05T11:32:48	2	0	15	12	3	1.0484	1.0459	-0.0024	0.9547	0.9545	0.0002
2024-02-05T11:32:53	1	0	1	1	0	1.0559	1.0556	-0.0003	0.9099	0.9098	0.0001
2024-02-05T11:32:58	6	0	184	184	0	1.0592	1.0592	0.0000	0.988	0.988	0.0000
2024-02-05T11:34:01	2	0	73	67	6	0.9765	0.9784	0.0019	0.9913	0.9912	0.0001
2024-02-05T11:34:47	2	0	12	12	0	1.0509	1.0508	-0.0001	0.9502	0.9495	0.0007
2024-02-05T11:35:42	4	0	1	1	0	1.0472	1.0457	-0.0015	0.9998	0.9996	0.0002
2024-02-05T11:36:33	4	0	2	2	0	1.0604	1.0598	-0.0007	-1	-1	0.0000
2024-02-05T11:38:05	12	0	170	168	2	1.0590	1.0589	0.0000	-0.9882	-0.9882	0.0000
2024-02-05T11:39:18	3	0	5	6	-1	1.0525	1.0513	-0.0011	0.9882	0.9884	-0.0002
2024-02-05T11:40:27	1	0	18	17	1	1.0501	1.0498	-0.0003	0.9867	0.9867	0.0000
2024-02-05T11:40:40	2	0	6	6	0	0.9379	0.9379	0.0001	0.9872	0.9872	0.0000
2024-02-05T11:40:43	3	0	1	1	0	1.0211	1.0170	-0.0041	-0.9831	-0.9834	0.0003
2024-02-05T11:41:37	2	0	2	2	0	1.0518	1.0518	0.0000	0.9933	0.9933	0.0000
2024-02-05T11:42:31	1	0	1	1	0	1.0587	1.0587	0.0000	1	-0.9997	-0.0003
2024-02-05T11:42:38	2	0	32	32	0	1.0508	1.0508	0.0000	0.998	0.9982	-0.0002
2024-02-05T11:42:57	1	0	2	2	0	1.0753	1.0753	0.0000	0.9765	0.9764	0.0001
2024-02-05T11:43:03	1	0	9	9	0	1.0483	1.0483	0.0000	0.9812	0.9812	0.0000

2024-02-05T11:43:31	2	0	1	1	0	1.1015	1.1015	0.0000	-0.9999	-0.9999	0.0000
2024-02-05T11:44:01	1	0	3	3	0	0.9956	0.9956	0.0000	0.9959	0.9958	0.0001
2024-02-05T11:44:52	4	0	50	48	2	1.0564	1.0563	-0.0001	0.9884	0.9884	0.0000
2024-02-05T11:48:29	1	0	5	5	0	1.0513	1.0491	-0.0022	-0.9918	-0.9918	0.0000
2024-02-05T11:48:48	2	0	5	5	0	1.0479	1.0479	0.0000	-0.9944	-0.9943	-0.0001
2024-02-05T11:48:59	7	0	25	4	21	1.0530	1.0422	-0.0108	0.9952	0.9947	0.0005
2024-02-05T11:49:05	2	0	86	86	0	0.9648	0.9649	0.0000	0.9917	0.9915	0.0002
2024-02-05T11:50:12	3	0	2	2	0	1.0294	1.0290	-0.0004	-1	-1	0.0000
2024-02-05T11:50:22	2	0	6	7	-1	1.0348	1.0366	0.0018	0.863	0.8633	-0.0003
2024-02-05T11:51:14	2	0	7	7	0	1.0479	1.0479	0.0000	0.9977	0.9977	0.0000
2024-02-05T11:56:38	1	0	1	1	0	1.0569	1.0563	-0.0006	0.9949	0.9949	0.0000
2024-02-05T11:57:39	1	0	25	25	0	1.0500	1.0500	0.0000	0.9982	0.9983	-0.0001
2024-02-05T11:57:58	1	0	2	2	0	1.0599	1.0599	0.0000	0.9819	0.9819	0.0000
2024-02-05T11:58:04	1	0	8	8	0	1.0486	1.0486	0.0000	0.9826	0.9826	0.0000
2024-02-05T11:58:32	2	0	1	1	0	1.1059	1.1059	0.0000	-0.999	-0.999	0.0000
2024-02-05T11:59:45	2	0	31	28	3	1.0489	1.0489	0.0000	0.9987	0.9987	0.0000
2024-02-05T12:02:54	1	0	2	2	0	1.0394	1.0394	0.0000	0.8969	0.897	-0.0001
2024-02-05T12:04:08	7	0	20	5	15	1.0504	1.0421	-0.0083	0.9958	0.9953	0.0005
2024-02-05T12:05:23	2	0	8	9	-1	1.0389	1.0398	0.0009	0.8577	0.8579	-0.0002
2024-02-05T12:05:30	1	0	8	8	0	1.0467	1.0465	-0.0001	0.9995	0.9995	0.0000
2024-02-05T12:06:35	2	0	4	4	0	1.0533	1.0533	0.0000	0.9998	0.9998	0.0000
2024-02-05T12:10:06	2	0	5	5	0	0.9449	0.9451	0.0002	0.9847	0.985	-0.0003
2024-02-05T12:10:45	4	0	2	3	-1	0.9423	0.9676	0.0254	-0.9839	-0.9835	-0.0004
2024-02-05T12:12:33	1	0	1	0	1	1.0576	null	null	-0.9917	-0.9917	0.0000
2024-02-05T12:12:59	1	0	2	2	0	1.0623	1.0623	0.0000	0.984	0.984	0.0000
2024-02-05T12:16:23	1	0	40	40	0	1.0503	1.0503	0.0000	0.9906	0.9906	0.0000
2024-02-05T12:17:20	2	0	1	1	0	1.0556	1.0555	-0.0001	0.9798	0.9799	-0.0001
2024-02-05T12:18:03	2	0	2	1	1	1.0565	1.0561	-0.0004	0.9692	0.9691	0.0001
2024-02-05T12:18:31	2	0	13	13	0	1.0479	1.0478	-0.0001	-0.9926	-0.9904	-0.0022
2024-02-05T12:19:12	2	0	8	10	-2	1.0156	1.0014	-0.0142	0.9924	0.9923	0.0001
2024-02-05T12:20:14	3	0	1	1	0	1.0438	1.0438	0.0000	-1	-0.9999	-0.0001
2024-02-05T12:26:15	2	0	13	13	0	1.0374	1.0373	-0.0001	0.9922	0.9921	0.0001
2024-02-05T12:28:34	2	0	2	3	-1	1.0789	1.0653	-0.0136	-0.9945	-0.9962	0.0017
2024-02-05T12:32:33	1	0	74	71	3	1.0544	1.0544	0.0000	0.9925	0.9925	0.0000
2024-02-05T12:42:42	2	0	25	23	2	1.0505	1.0508	0.0003	0.9982	0.9982	0.0000
2024-02-05T12:45:50	1	0	4	4	0	0.9994	1.0001	0.0007	0.9886	0.9715	0.0171
2024-02-05T12:51:38	1	0	5	5	0	1.0522	1.0522	0.0000	-1	-1	0.0000
2024-02-05T12:55:16	1	0	26	26	0	1.0524	1.0524	0.0000	0.9982	0.9982	0.0000
2024-02-05T12:57:45	1	0	32	32	0	1.0520	1.0519	-0.0001	0.9986	0.9987	-0.0001
2024-02-05T13:00:46	3	0	4	4	0	1.0289	1.0295	0.0006	0.9933	0.9935	-0.0002
2024-02-05T13:02:23	1	0	1	2	-1	1.0386	0.9917	-0.0469	0.9746	0.9746	0.0000
2024-02-05T13:04:18	1	0	7	7	0	1.0519	1.0517	-0.0002	0.9925	0.9926	-0.0001
2024-02-05T13:12:46	1	0	35	35	0	1.0519	1.0519	0.0000	0.9986	0.9987	-0.0001
2024-02-05T13:14:33	1	0	1	1	0	1.0343	1.0343	0.0000	-0.9999	-0.9999	0.0000
2024-02-05T13:17:24	1	0	1	0	1	0.9444	null	null	0.9796	0.9796	0.0000
2024-02-05T13:25:47	2	0	11	12	-1	0.9759	0.9731	-0.0028	0.9821	0.9843	-0.0022
2024-02-05T13:29:34	1	0	2	2	0	1.0324	1.0324	0.0000	-0.9998	-0.9998	0.0000
2024-02-05T13:33:36	1	0	5	4	1	1.0495	1.0503	0.0008	-0.9897	-0.9899	0.0002
2024-02-05T13:42:48	2	0	30	30	0	1.0509	1.0509	0.0000	0.9989	0.999	-0.0001
2024-02-05T13:46:03	1	0	25	25	0	1.0506	1.0506	0.0000	0.9586	0.9587	-0.0001
2024-02-05T13:46:29	1	0	86	85	1	1.0511	1.0510	-0.0001	0.9911	0.9911	0.0000
2024-02-05T13:48:09	1	0	3	2	1	1.0528	1.0509	-0.0019	0.9689	0.9688	0.0001
2024-02-05T13:48:37	1	0	10	10	0	1.0480	1.0478	-0.0002	-0.988	-0.9883	0.0003
2024-02-05T13:55:49	1	0	17	17	0	0.9684	0.9683	-0.0002	0.9821	0.9842	-0.0021
2024-02-05T13:55:52	1	0	6	6	0	0.9971	0.9968	-0.0003	-0.9808	-0.9804	-0.0004
2024-02-05T13:59:24	1	0	41	40	1	1.0500	1.0498	-0.0002	-0.9947	-0.9947	0.0000
2024-02-05T14:00:57	6	0	5	5	0	1.0380	1.0375	-0.0005	0.9738	0.9718	0.0020
2024-02-05T14:01:13	2	0	1	1	0	1.0225	1.0223	-0.0002	0.9649	0.9646	0.0003
2024-02-05T14:01:30	1	0	101	101	0	1.0514	1.0513	0.0000	0.9922	0.9922	0.0000
2024-02-05T14:01:49	2	0	1	1	0	1.0558	1.0551	-0.0007	-0.9978	-0.9978	0.0000
2024-02-05T14:03:38	1	0	14	12	2	1.0470	1.0472	0.0002	-0.9885	-0.9887	0.0002
2024-02-05T14:03:57	2	0	36	36	0	1.0575	1.0575	0.0000	0.9914	0.9915	-0.0001
2024-02-05T14:04:16	1	0	13	12	1	1.0528	1.0534	0.0006	0.9971	0.9971	0.0000
2024-02-05T14:04:23	1	0	3	3	0	1.0302	1.0300	-0.0002	1	1	0.0000
2024-02-05T14:04:58	2	0	27	28	-1	1.0545	1.0545	0.0001	0.9913	0.9913	0.0000
2024-02-05T14:05:23	1	0	1	1	0	1.0310	1.0308	-0.0002	-0.9999	-0.9999	0.0000
2024-02-05T14:05:31	2	0	13	13	0	1.0444	1.0442	-0.0002	0.8573	0.857	0.0003
2024-02-05T14:06:02	4	0	3	3	0	1.0637	1.0635	-0.0002	-0.7829	-0.7793	-0.0036
2024-02-05T14:07:11	1	0	14	14	0	1.0584	1.0584	0.0000	0.991	0.9909	0.0001
2024-02-05T14:08:15	18	0	386	378	8	1.0614	1.0614	0.0000	-0.9739	-0.974	0.0001
2024-02-05T14:10:53	1	0	13	13	0	0.9451	0.9451	0.0000	-0.9918	-0.9913	-0.0005
2024-02-05T14:11:47	1	0	1	1	0	1.0559	1.0557	-0.0002	0.9906	0.9906	0.0000
2024-02-05T14:13:50	3	0	2	3	-1	1.0329	1.0412	0.0082	-0.9938	-0.9938	0.0000
2024-02-05T14:14:08	4	0	10	10	0	1.0500	1.0499	0.0000	-0.9936	-0.9936	0.0000
2024-02-05T14:15:04	3	0	36	36	0	1.0561	1.0561	-0.0001	0.9885	0.9885	0.0000
2024-02-05T14:15:20	7	0	6	6	0	0.9928	0.9917	-0.0012	0.9832	0.9828	0.0004
2024-02-05T14:16:00	8	0	7	7	0	1.0338	1.0332	-0.0006	0.9481	0.9524	-0.0043
2024-02-05T14:16:05	1	0	27	27	0	1.0514	1.0514	0.0000	0.9689	0.9688	0.0001
2024-02-05T14:16:44	1	0	1	1	0	1.0586	1.0582	-0.0004	0.9926	0.9925	0.0001
2024-02-05T14:18:14	1	0	88	87	1	1.0555	1.0554	-0.0001	0.9942	0.9942	0.0000
2024-02-05T14:18:14	6	0	23	24	-1	1.0489	1.0487	-0.0002	0.9989	0.9989	0.0000
2024-02-05T14:18:39	2	0	16	15	1	1.0475	1.0473	-0.0003	-0.9897	-0.9901	0.0004
2024-02-05T14:18:58	1	0	1	1	0	1.0310	1.0309	-0.0001	-0.9997	-0.9997	0.0000
2024-02-05T14:19:17	4	0	6	6	0	1.0520	1.0517	-0.0003	0.997	0.9969	0.0001
2024-02-05T14:19:24	1	0	4	4	0	1.0282	1.0281	-0.0001	1	1	0.0000

2024-02-05T14:20:01	2	0	31	31	0	1.0548	1.0547	-0.0001	0.9901	0.9896	0.0005
2024-02-05T14:20:24	1	0	15	14	1	1.0407	1.0416	0.0009	-0.9969	-0.997	0.0001
2024-02-05T14:20:32	2	0	14	14	0	1.0454	1.0452	-0.0002	0.8615	0.8612	0.0003
2024-02-05T14:20:42	1	0	15	14	1	1.0505	1.0504	-0.0001	-0.9999	-0.9999	0.0000
2024-02-05T14:21:05	3	0	2	2	0	1.0663	1.0659	-0.0004	0.4077	0.3952	0.0125
2024-02-05T14:21:44	3	0	5	5	0	1.0494	1.0489	-0.0005	-0.9998	-0.9998	0.0000
2024-02-05T14:23:16	14	0	537	519	18	1.0625	1.0624	-0.0001	-0.9748	-0.9752	0.0004
2024-02-05T14:23:29	5	0	2	3	-1	0.9423	0.9431	0.0008	0.9983	0.9983	0.0000
2024-02-05T14:24:27	6	0	48	47	1	1.0494	1.0492	-0.0002	0.9621	0.9619	0.0002
2024-02-05T14:24:29	2	0	18	18	0	1.0569	1.0568	-0.0001	0.9856	0.9855	0.0001
2024-02-05T14:25:54	1	0	4	4	0	0.9700	0.9703	0.0003	-0.9885	-0.9859	-0.0026
2024-02-05T14:26:23	2	0	10	10	0	1.0320	1.0318	-0.0001	0.9931	0.9929	0.0002
2024-02-05T14:26:39	2	0	8	9	-1	1.0541	1.0543	0.0001	0.9923	0.9923	0.0000
2024-02-05T14:26:48	2	0	2	2	0	1.0531	1.0529	-0.0002	0.9929	0.9926	0.0003
2024-02-05T14:27:26	4	0	1	1	0	0.9921	0.9934	0.0013	-0.9937	-0.9934	-0.0003
2024-02-05T14:28:09	1	0	69	69	0	0.9615	0.9614	0.0000	-0.9995	-0.9995	0.0000
2024-02-05T14:28:09	1	0	3	3	0	1.0313	1.0313	0.0000	-0.9988	-0.9988	0.0000
2024-02-05T14:28:50	1	0	1	1	0	1.0356	1.0352	-0.0004	-0.9941	-0.9942	0.0001
2024-02-05T14:29:21	1	0	4	4	0	1.0191	1.0190	-0.0001	0.9953	0.9886	0.0067
2024-02-05T14:30:08	1	0	44	43	1	1.0562	1.0561	-0.0001	0.9906	0.9906	0.0000
2024-02-05T14:30:21	6	0	2	1	1	1.0140	1.0142	0.0002	0.9869	0.9865	0.0004
2024-02-05T14:31:06	1	0	26	26	0	1.0508	1.0508	0.0000	0.9686	0.9685	0.0001
2024-02-05T14:31:15	1	0	1	1	0	1.0217	1.0214	-0.0003	0.9646	0.9642	0.0004
2024-02-05T14:33:20	7	0	26	26	0	1.0493	1.0491	-0.0002	0.9993	0.9993	0.0000
2024-02-05T14:33:40	3	0	34	26	8	1.0552	1.0528	-0.0024	-0.9779	-0.9869	0.0090
2024-02-05T14:33:59	2	0	1	1	0	1.0281	1.0278	-0.0003	-0.9997	-0.9997	0.0000
2024-02-05T14:34:18	4	0	14	13	1	1.0526	1.0526	0.0001	0.9973	0.9973	0.0000
2024-02-05T14:34:24	2	0	6	6	0	1.0402	1.0399	-0.0002	0.9924	0.9923	0.0001
2024-02-05T14:34:54	1	0	17	16	1	1.0485	1.0487	0.0002	0.9818	0.9818	0.0000
2024-02-05T14:35:04	2	0	33	32	1	1.0550	1.0549	-0.0001	0.99	0.9894	0.0006
2024-02-05T14:35:33	2	0	13	12	1	1.0424	1.0424	0.0001	0.8608	0.8605	0.0003
2024-02-05T14:35:34	1	0	22	20	2	1.0526	1.0524	-0.0002	0.9984	0.9984	0.0000
2024-02-05T14:36:09	3	0	2	2	0	1.0666	1.0662	-0.0004	0.6679	0.6496	0.0183
2024-02-05T14:36:20	2	0	6	6	0	1.0366	1.0365	-0.0001	0.9909	0.991	-0.0001
2024-02-05T14:36:43	3	0	1	1	0	1.0307	1.0301	-0.0006	0.9213	0.9195	0.0018
2024-02-05T14:36:45	3	0	6	6	0	1.0503	1.0502	-0.0001	-0.9991	-0.9991	0.0000
2024-02-05T14:37:46	7	0	4	4	0	1.0495	1.0489	-0.0006	-0.9904	-0.9912	0.0008
2024-02-05T14:38:17	14	0	585	575	10	1.0628	1.0628	0.0000	-0.974	-0.974	0.0000
2024-02-05T14:39:28	4	0	57	57	0	1.0499	1.0498	-0.0001	0.9628	0.9625	0.0003
2024-02-05T14:39:30	3	0	15	15	0	1.0538	1.0537	-0.0001	0.9915	0.9913	0.0002
2024-02-05T14:40:54	4	0	593	589	4	0.8607	0.8612	0.0005	0.9187	0.9185	0.0002
2024-02-05T14:41:04	1	0	5	5	0	1.0279	1.0278	-0.0001	0.9902	0.9899	0.0003
2024-02-05T14:41:49	1	0	1	1	0	1.0555	1.0552	-0.0003	0.9925	0.9925	0.0000
2024-02-05T14:41:55	1	0	65	64	1	1.0582	1.0582	0.0000	0.9999	0.9999	0.0000
2024-02-05T14:42:02	1	0	36	36	0	1.0466	1.0465	0.0000	-0.999	-0.999	0.0000
2024-02-05T14:42:27	4	0	1	1	0	0.9909	0.9911	0.0002	-0.992	-0.992	0.0000
2024-02-05T14:42:28	1	0	3	3	0	1.0109	1.0108	-0.0001	0.9729	0.9727	0.0002
2024-02-05T14:43:10	1	0	47	47	0	0.9891	0.9890	-0.0001	-0.9992	-0.9992	0.0000
2024-02-05T14:43:43	2	0	20	18	2	1.0511	1.0516	0.0005	-0.9957	-0.9958	0.0001
2024-02-05T14:43:51	1	0	1	1	0	1.0331	1.0329	-0.0002	-0.9941	-0.9941	0.0000
2024-02-05T14:44:10	4	0	12	12	0	1.0537	1.0534	-0.0002	-0.9868	-0.9871	0.0003
2024-02-05T14:44:27	1	0	2	2	0	1.0152	1.0151	-0.0001	0.9955	0.9955	0.0000
2024-02-05T14:44:27	1	0	44	44	0	1.0502	1.0502	0.0000	-0.9953	-0.9953	0.0000
2024-02-05T14:44:34	2	0	22	22	0	1.0514	1.0514	0.0000	0.9995	0.9995	0.0000
2024-02-05T14:45:14	2	0	40	40	0	1.0560	1.0558	-0.0002	0.9792	0.979	0.0002
2024-02-05T14:45:22	4	0	4	4	0	1.0030	1.0029	-0.0002	0.9868	0.9867	0.0001
2024-02-05T14:45:54	3	0	3	3	0	1.0263	1.0263	0.0000	0.9948	0.9948	0.0000
2024-02-05T14:46:02	8	0	3	2	1	1.0444	1.0370	-0.0074	0.9536	0.9477	0.0059
2024-02-05T14:46:16	2	0	2	2	0	1.0217	1.0215	-0.0002	0.9617	0.9612	0.0005
2024-02-05T14:46:21	1	0	14	14	0	1.0489	1.0488	-0.0001	-0.9877	-0.9883	0.0006
2024-02-05T14:46:33	2	0	106	104	2	1.0518	1.0517	-0.0001	0.9915	0.9915	0.0000
2024-02-05T14:46:46	1	0	1	1	0	1.0564	1.0562	-0.0002	0.9934	0.9934	0.0000
2024-02-05T14:47:15	2	0	22	21	1	1.0444	1.0443	-0.0001	0.9966	0.9965	0.0001
2024-02-05T14:48:27	1	0	17	17	0	1.0479	1.0478	-0.0001	0.9998	0.9998	0.0000
2024-02-05T14:48:41	1	0	3	3	0	1.0297	1.0295	-0.0002	0.9699	0.9698	0.0001
2024-02-05T14:48:41	1	0	39	38	1	1.0527	1.0535	0.0007	-0.9649	-0.971	0.0061
2024-02-05T14:48:55	1	0	2	2	0	1.0234	1.0231	-0.0002	0.9921	0.992	0.0001
2024-02-05T14:49:00	2	0	50	49	1	1.0582	1.0582	-0.0001	0.9865	0.9863	0.0002
2024-02-05T14:49:19	3	0	16	11	5	1.0486	1.0485	0.0000	0.9972	0.9972	0.0000
2024-02-05T14:49:26	1	0	5	5	0	1.0278	1.0277	0.0000	-0.9995	-0.9995	0.0000
2024-02-05T14:50:05	1	0	46	45	1	1.0562	1.0561	-0.0001	0.9953	0.9949	0.0004
2024-02-05T14:55:54	1	0	8	8	0	1.0220	1.0216	-0.0004	0.9958	0.997	-0.0012
2024-02-05T14:56:50	1	0	1	1	0	1.0477	1.0477	0.0000	0.9886	0.9886	0.0000
2024-02-05T14:58:11	1	0	1	1	0	0.9449	0.9450	0.0001	0.9959	0.9959	0.0000
2024-02-05T14:58:26	2	0	1	1	0	1.0293	1.0281	-0.0012	0.9835	0.9832	0.0003
2024-02-05T14:58:52	2	0	2	2	0	1.0309	1.0302	-0.0007	-0.9938	-0.9939	0.0001
2024-02-05T15:03:33	2	0	18	18	0	1.0467	1.0466	-0.0001	0.9998	0.9998	0.0000
2024-02-05T15:03:42	4	0	2	1	1	0.9946	1.0112	0.0165	0.9706	0.9709	-0.0003
2024-02-05T15:03:42	1	0	58	39	19	1.0574	1.0553	-0.0022	-0.9714	-0.972	0.0006
2024-02-05T15:04:33	1	0	3	3	0	1.0312	1.0310	-0.0002	0.9854	0.9852	0.0002
2024-02-05T15:05:06	1	0	87	78	9	1.0571	1.0572	0.0001	0.9964	0.9965	-0.0001
2024-02-05T15:06:37	1	0	6	6	0	1.0566	1.0566	0.0000	0.9992	0.9992	0.0000
2024-02-05T15:07:39	1	0	140	139	1	1.0655	1.0667	0.0011	0.9998	0.9998	0.0000
2024-02-05T15:08:19	2	0	392	388	4	1.0604	1.0604	0.0000	-0.9791	-0.979	-0.0001
2024-02-05T15:10:57	4	0	2	2	0	0.9850	0.9833	-0.0017	-0.9892	-0.9894	0.0002

2024-02-05T15:11:26	1	0	16	16	0	1.0396	1.0396	0.0000	0.9955	0.9955	0.0000
2024-02-05T15:11:42	2	0	10	10	0	1.0543	1.0542	0.0000	0.9909	0.9909	0.0000
2024-02-05T15:12:21	1	0	4	4	0	1.0464	1.0464	0.0000	0.9847	0.9848	-0.0001
2024-02-05T15:12:54	2	0	26	26	0	1.0499	1.0498	-0.0001	0.9988	0.9988	0.0000
2024-02-05T15:13:12	1	0	17	17	0	0.9390	0.9391	0.0000	0.9941	0.9941	0.0000
2024-02-05T15:14:38	1	0	55	53	2	1.0516	1.0515	-0.0002	-0.9947	-0.9947	0.0000
2024-02-05T15:15:19	2	0	23	21	2	1.0549	1.0550	0.0001	0.9796	0.9795	0.0001
2024-02-05T15:18:43	1	0	1	1	0	1.0568	1.0567	-0.0001	0.9742	0.9742	0.0000
2024-02-05T15:18:43	1	0	32	28	4	1.0517	1.0507	-0.0010	-0.9732	-0.9738	0.0006
2024-02-05T15:20:07	1	0	78	71	7	1.0572	1.0573	0.0001	0.9984	0.9984	0.0000
2024-02-05T15:21:38	1	0	6	6	0	0.9983	0.9983	0.0000	0.9985	0.9985	0.0000
2024-02-05T15:25:56	1	0	4	4	0	0.9998	0.9995	-0.0003	0.965	0.9607	0.0043
2024-02-05T15:29:25	2	0	2	2	0	1.0526	1.0517	-0.0009	-0.9499	-0.95	0.0001
2024-02-05T15:30:25	4	0	7	7	0	1.0177	1.0176	-0.0002	0.9895	0.9893	0.0002
2024-02-05T15:32:33	2	0	2	2	0	1.0286	1.0281	-0.0006	0.9844	0.9844	0.0000
2024-02-05T15:33:44	1	0	17	17	0	1.0479	1.0476	-0.0003	-0.9906	-0.9909	0.0003
2024-02-05T15:35:08	1	0	105	102	3	1.0578	1.0577	-0.0002	0.997	0.997	0.0000
2024-02-05T15:36:00	3	0	6	6	0	1.0513	1.0501	-0.0012	0.9993	0.9991	0.0002
2024-02-05T15:36:29	1	0	8	8	0	1.0465	1.0465	0.0000	0.9962	0.9962	0.0000
2024-02-05T15:36:39	1	0	8	8	0	1.0538	1.0538	-0.0001	0.9987	0.9987	0.0000
2024-02-05T15:41:55	1	0	1	1	0	1.0459	1.0459	0.0000	0.9887	0.9887	0.0000
2024-02-05T15:46:08	1	0	5	5	0	1.0394	1.0393	-0.0001	0.9524	0.9522	0.0002
2024-02-05T15:50:09	1	0	79	70	9	1.0572	1.0574	0.0001	0.9952	0.9953	-0.0001
2024-02-05T15:50:30	1	0	10	10	0	1.0382	1.0382	0.0000	0.9999	0.9999	0.0000
2024-02-05T15:50:39	2	0	16	16	0	1.0520	1.0520	0.0000	0.9992	0.9992	0.0000
2024-02-05T15:53:20	1	0	2	2	0	1.0350	1.0350	0.0000	0.9998	0.9998	0.0000
2024-02-05T15:55:58	1	0	29	26	3	0.9677	0.9681	0.0004	0.9698	0.9599	0.0099
2024-02-05T15:56:00	1	0	3	3	0	1.0249	1.0247	-0.0002	-0.9815	-0.9813	-0.0002
2024-02-05T15:56:26	3	0	7	7	0	1.0303	1.0302	-0.0001	0.9973	0.9972	0.0001
2024-02-05T15:56:56	1	0	1	1	0	1.0481	1.0481	0.0000	0.9903	0.9905	-0.0002
2024-02-05T15:59:57	1	0	41	41	0	1.0498	1.0498	0.0000	-0.9945	-0.9945	0.0000
2024-02-05T16:03:15	2	0	31	30	1	1.0538	1.0537	-0.0001	0.9646	0.9646	0.0000
2024-02-05T16:06:20	1	0	7	7	0	1.0495	1.0494	-0.0001	-0.9692	-0.9695	0.0003
2024-02-05T16:07:05	15	0	3	2	1	1.0243	1.0264	0.0021	0.9899	0.9893	0.0006
2024-02-05T16:10:36	1	0	3	0	3	0.9442	null	null	0.9994	0.9995	-0.0001
2024-02-05T16:10:49	2	0	2	2	0	1.0238	1.0231	-0.0007	0.974	0.9738	0.0002
2024-02-05T16:11:01	2	0	3	3	0	0.9710	0.9711	0.0001	-0.986	-0.9857	-0.0003
2024-02-05T16:11:57	1	0	1	1	0	1.0459	1.0459	0.0000	0.9902	0.9904	-0.0002
2024-02-05T16:18:39	1	0	49	48	1	1.0540	1.0540	0.0000	0.9934	1	-0.0066
2024-02-05T16:18:47	1	0	14	14	0	1.0470	1.0468	-0.0002	-0.9944	-0.9946	0.0002
2024-02-05T16:25:45	1	0	81	78	3	0.9387	0.9391	0.0004	0.999	0.999	0.0000
2024-02-05T16:26:31	1	0	12	12	0	1.0359	1.0359	0.0000	0.9953	0.9953	0.0000
2024-02-05T16:33:48	1	0	8	8	0	1.0467	1.0464	-0.0003	-0.9966	-0.9967	0.0001
2024-02-05T16:39:05	1	0	11	11	0	1.0517	1.0517	0.0000	0.9999	0.9999	0.0000
2024-02-05T16:45:57	4	0	5	5	0	0.9786	0.9796	0.0010	0.978	0.9782	-0.0002
2024-02-05T16:48:49	1	0	8	8	0	1.0469	1.0467	-0.0003	-0.995	-0.993	-0.0020
2024-02-05T17:03:51	1	0	6	5	1	1.0457	1.0456	-0.0001	-0.997	-0.9969	-0.0001
2024-02-05T17:35:00	1	0	90	88	2	0.9298	0.9308	0.0011	0.9921	0.9923	-0.0002
2024-02-05T17:54:57	2	0	2	2	0	1.0365	1.0365	0.0000	-0.9914	-0.9914	0.0000
2024-02-05T18:01:17	1	0	64	64	0	0.9517	0.9518	0.0001	0.9668	0.9668	0.0000
2024-02-05T18:15:10	1	0	177	177	0	0.9286	0.9286	0.0001	0.9707	0.9707	0.0000
2024-02-05T18:36:15	1	0	40	40	0	1.0482	1.0481	0.0000	-0.9946	-0.9945	-0.0001
2024-02-06T07:51:34	1	0	203	203	0	0.9553	0.9553	0.0000	0.9983	0.9984	-0.0001
2024-02-06T07:54:27	1	0	140	140	0	0.9182	0.9183	0.0002	-0.9998	-0.9996	-0.0002
2024-02-06T07:55:24	3	0	75	75	0	0.9416	0.9416	0.0000	-0.9908	-0.9902	-0.0006
2024-02-06T07:55:54	1	0	54	54	0	0.9334	0.9335	0.0001	0.9958	0.9958	0.0000
2024-02-06T08:03:03	1	0	81	81	0	0.9456	0.9458	0.0002	0.9905	0.9903	0.0002
2024-02-06T08:06:35	4	0	165	163	2	0.9876	0.9878	0.0002	0.999	0.999	0.0000
2024-02-06T08:06:44	2	0	149	149	0	0.9100	0.9102	0.0002	0.9713	0.9713	0.0000
2024-02-06T08:09:31	1	0	150	149	1	1.0612	1.0611	0.0000	0.9849	0.9849	0.0000
2024-02-06T08:20:08	2	0	15	15	0	0.9424	0.9425	0.0001	-0.9931	-0.9927	-0.0004
2024-02-06T08:36:35	1	0	1	1	0	0.9432	0.9436	0.0004	-0.9988	-0.9988	0.0000
2024-02-06T08:50:12	2	0	34	34	0	1.0549	1.0548	-0.0001	1	1	0.0000
2024-02-06T08:51:17	1	0	17	17	0	0.9878	0.9879	0.0001	0.9998	0.9998	0.0000
2024-02-06T08:52:55	4	0	225	221	4	1.0607	1.0607	0.0000	-0.9774	-0.9774	0.0000
2024-02-06T08:58:23	1	0	86	85	1	1.0534	1.0534	0.0000	-0.9998	-0.9998	0.0000
2024-02-06T08:58:30	1	0	1	1	0	1.0319	1.0316	-0.0003	-0.9947	-0.9947	0.0000
2024-02-06T09:03:21	1	0	83	81	2	0.9633	0.9640	0.0007	0.9897	0.9898	-0.0001
2024-02-06T09:03:28	1	0	22	21	1	1.0565	1.0564	-0.0001	0.9977	0.9977	0.0000
2024-02-06T09:05:11	2	0	9	7	2	0.9431	0.9432	0.0001	-0.9945	-0.994	-0.0005
2024-02-06T09:05:13	2	0	53	52	1	1.0588	1.0586	-0.0001	0.9994	0.9994	0.0000
2024-02-06T09:06:46	2	0	94	93	1	1.0628	1.0623	-0.0005	0.9935	0.9935	0.0000
2024-02-06T09:06:48	2	0	87	86	1	0.9391	0.9396	0.0005	0.9788	0.9784	0.0004
2024-02-06T09:09:35	1	0	174	172	2	1.0624	1.0623	-0.0001	0.9841	0.9841	0.0000
2024-02-06T09:09:55	1	0	99	89	10	0.9402	0.9404	0.0002	0.9946	0.9957	-0.0011
2024-02-06T09:10:29	2	0	2	2	0	0.9847	0.9836	-0.0010	-0.9865	-0.9844	-0.0021
2024-02-06T09:12:28	1	0	7	7	0	1.0392	1.0391	0.0000	0.9954	0.9954	0.0000
2024-02-06T09:17:01	1	0	114	114	0	1.0508	1.0508	0.0000	0.9989	0.9989	0.0000
2024-02-06T09:17:10	5	0	73	71	2	1.0538	1.0538	0.0000	0.9804	0.9803	0.0001
2024-02-06T09:18:21	1	0	4	4	0	1.0215	1.0213	-0.0002	0.9834	0.9833	0.0001
2024-02-06T09:20:10	1	0	31	31	0	1.0523	1.0522	-0.0001	0.9627	0.9683	-0.0056
2024-02-06T09:20:14	1	0	45	44	1	1.0574	1.0572	-0.0001	0.9997	0.9997	0.0000
2024-02-06T09:22:57	2	0	154	152	2	1.0576	1.0575	-0.0001	-0.9762	-0.9735	-0.0027
2024-02-06T09:24:11	2	0	9	9	0	1.0529	1.0526	-0.0004	0.9726	0.972	0.0006
2024-02-06T09:26:00	1	0	7	7	0	1.0418	1.0417	0.0000	0.997	0.997	0.0000

2024-02-06T09:28:54	1	0	3	3	0	1.0428	1.0427	-0.0001	-0.9975	-0.9975	0.0000
2024-02-06T09:29:16	4	0	32	30	2	1.0545	1.0545	0.0000	0.9992	0.9992	0.0000
2024-02-06T09:33:31	2	0	9	9	0	1.0475	1.0472	-0.0003	-0.9952	-0.9953	0.0001
2024-02-06T09:35:07	2	0	5	5	0	1.0424	1.0423	-0.0002	-1	-1	0.0000
2024-02-06T09:35:15	9	0	29	26	3	1.0539	1.0535	-0.0004	0.9995	0.9994	0.0001
2024-02-06T09:36:20	2	0	15	15	0	1.0172	1.0171	-0.0001	1	1	0.0000
2024-02-06T09:43:33	1	0	2	1	1	1.0367	1.0388	0.0021	-0.9937	-0.9938	0.0001
2024-02-06T09:43:55	2	0	3	3	0	1.0428	1.0426	-0.0002	-0.9966	-0.9967	0.0001
2024-02-06T09:45:32	2	0	6	6	0	1.0342	1.0343	0.0002	0.9987	0.9987	0.0000
2024-02-06T09:45:35	8	0	8	8	0	1.0290	1.0294	0.0005	0.991	0.9915	-0.0005
2024-02-06T09:45:55	7	0	7	7	0	1.0224	1.0222	-0.0002	0.9976	0.9975	0.0001
2024-02-06T09:46:42	1	0	1	1	0	1.0415	1.0409	-0.0006	0.9993	0.9992	0.0001
2024-02-06T09:46:55	2	0	24	24	0	1.0417	1.0416	-0.0001	0.993	0.993	0.0000
2024-02-06T09:47:12	2	0	115	113	2	1.0549	1.0549	0.0000	0.9775	0.9775	0.0000
2024-02-06T09:48:38	5	0	17	16	1	1.0507	1.0502	-0.0005	-0.9907	-0.9908	0.0001
2024-02-06T09:48:54	1	0	1	1	0	1.0194	1.0190	-0.0004	0.9972	0.9972	0.0000
2024-02-06T09:50:08	2	0	2	2	0	1.0404	1.0400	-0.0004	0.9967	0.9965	0.0002
2024-02-06T09:50:12	1	0	21	21	0	1.0468	1.0467	-0.0001	0.9547	0.9545	0.0002
2024-02-06T09:52:59	1	0	152	151	1	1.0566	1.0566	0.0000	-0.9709	-0.9676	-0.0033
2024-02-06T09:57:53	1	0	5	5	0	0.9419	0.9423	0.0005	0.9979	0.9979	0.0000
2024-02-06T09:58:11	2	0	1	1	0	1.0067	1.0061	-0.0006	-0.9999	-0.9999	0.0000
2024-02-06T09:58:56	1	0	5	5	0	1.0466	1.0465	-0.0001	-0.9973	-0.9974	0.0001
2024-02-06T09:59:18	4	0	29	29	0	1.0544	1.0544	0.0000	0.9993	0.9994	-0.0001
2024-02-06T10:00:06	1	0	2	2	0	1.0242	1.0240	-0.0002	0.9883	0.9882	0.0001
2024-02-06T10:00:40	1	0	19	19	0	1.0502	1.0502	0.0000	0.993	0.9929	0.0001
2024-02-06T10:02:04	5	0	170	166	4	1.0518	1.0516	-0.0002	0.9988	0.9987	0.0001
2024-02-06T10:02:11	1	0	2	2	0	1.0325	1.0323	-0.0002	0.9762	0.9761	0.0001
2024-02-06T10:02:42	2	0	41	40	1	0.9568	0.9578	0.0010	0.9374	0.9374	0.0000
2024-02-06T10:02:55	1	0	51	48	3	1.0300	1.0282	-0.0017	-0.9959	-0.9959	0.0000
2024-02-06T10:03:32	1	0	7	7	0	1.0478	1.0478	0.0000	0.9965	0.9965	0.0000
2024-02-06T10:03:50	2	0	14	13	1	1.0472	1.0471	-0.0002	0.9977	0.9976	0.0001
2024-02-06T10:04:41	1	0	5	5	0	1.0491	1.0490	0.0000	0.9345	0.9339	0.0006
2024-02-06T10:05:09	2	0	3	2	1	1.0119	1.0456	0.0337	0.9945	0.9946	-0.0001
2024-02-06T10:05:13	1	0	32	31	1	1.0519	1.0516	-0.0003	0.9548	0.9547	0.0001
2024-02-06T10:05:31	1	0	40	38	2	1.0567	1.0566	0.0000	-0.9891	-0.9895	0.0004
2024-02-06T10:05:35	1	0	4	4	0	1.0098	1.0096	-0.0002	-0.9987	-0.9986	-0.0001
2024-02-06T10:05:42	1	0	5	5	0	1.0519	1.0517	-0.0002	-0.7679	-0.7701	0.0022
2024-02-06T10:06:53	2	0	64	64	0	0.9355	0.9355	0.0000	0.9733	0.9728	0.0005
2024-02-06T10:08:00	4	0	209	206	3	1.0589	1.0589	0.0000	-0.9686	-0.9685	-0.0001
2024-02-06T10:08:14	4	0	1	1	0	0.9437	0.9448	0.0011	0.9986	0.9987	-0.0001
2024-02-06T10:10:15	7	0	4	0	4	0.9719	null	null	0.9945	0.9949	-0.0004
2024-02-06T10:10:33	1	0	3	3	0	0.9722	0.9725	0.0003	-0.9851	-0.985	-0.0001
2024-02-06T10:13:33	1	0	3	3	0	0.9959	0.9958	-0.0001	0.9933	0.9932	0.0001
2024-02-06T10:14:14	2	0	11	11	0	1.0459	1.0459	-0.0001	-0.9994	-0.9994	0.0000
2024-02-06T10:15:07	3	0	1	0	1	1.0579	null	null	0.9889	0.9889	0.0000
2024-02-06T10:15:57	2	0	7	7	0	1.0232	1.0230	-0.0002	0.996	0.996	0.0000
2024-02-06T10:16:34	1	0	45	42	3	1.0516	1.0513	-0.0003	0.9915	0.9916	-0.0001
2024-02-06T10:17:00	2	0	7	7	0	1.0347	1.0345	-0.0001	1	1	0.0000
2024-02-06T10:17:12	2	0	2	1	1	0.9771	1.0146	0.0375	0.9763	0.9761	0.0002
2024-02-06T10:17:14	5	0	121	118	3	1.0550	1.0549	-0.0001	0.9789	0.9789	0.0000
2024-02-06T10:17:14	3	0	195	187	8	1.0514	1.0512	-0.0001	0.9987	0.9987	0.0000
2024-02-06T10:17:56	1	0	69	66	3	1.0115	1.0094	-0.0021	-0.9956	-0.9956	0.0000
2024-02-06T10:18:40	1	0	5	5	0	1.0442	1.0438	-0.0004	-0.9971	-0.9972	0.0001
2024-02-06T10:18:42	1	0	11	5	6	0.9743	1.0047	0.0304	0.9908	0.9906	0.0002
2024-02-06T10:18:52	3	0	3	3	0	1.0443	1.0438	-0.0005	0.9945	0.9944	0.0001
2024-02-06T10:19:52	2	0	1	1	0	1.0305	1.0298	-0.0007	0.9751	0.9749	0.0002
2024-02-06T10:20:18	4	0	75	68	7	1.0587	1.0584	-0.0003	0.9998	0.9998	0.0000
2024-02-06T10:20:21	3	0	11	10	1	1.0508	1.0504	-0.0004	0.992	0.992	0.0000
2024-02-06T10:20:32	4	0	98	72	26	1.0588	1.0580	-0.0008	-0.9834	-0.9847	0.0013
2024-02-06T10:21:23	1	0	35	33	2	1.0423	1.0416	-0.0007	0.9983	0.9982	0.0001
2024-02-06T10:22:06	3	0	50	50	0	1.0236	1.0235	0.0000	0.9595	0.9595	0.0000
2024-02-06T10:23:01	6	0	259	255	4	1.0598	1.0598	0.0000	-0.9679	-0.9678	-0.0001
2024-02-06T10:25:38	1	0	3	3	0	1.0275	1.0269	-0.0005	0.9643	0.9716	-0.0073
2024-02-06T10:30:05	1	0	80	79	1	1.0492	1.0491	-0.0001	0.9968	0.9968	0.0000
2024-02-06T10:30:35	1	0	2	2	0	1.0077	1.0077	0.0000	0.9928	0.9928	0.0000
2024-02-06T10:31:54	1	0	2	2	0	1.0378	1.0375	-0.0003	0.9996	0.9995	0.0001
2024-02-06T10:32:27	1	0	94	93	1	1.0553	1.0552	-0.0001	0.9861	0.986	0.0001
2024-02-06T10:32:57	1	0	48	47	1	0.9997	0.9984	-0.0013	-0.9964	-0.9964	0.0000
2024-02-06T10:33:26	1	0	2	2	0	1.0235	1.0232	-0.0003	0.973	0.9729	0.0001
2024-02-06T10:33:34	2	0	30	29	1	1.0540	1.0539	-0.0001	0.9967	0.9966	0.0001
2024-02-06T10:33:40	1	0	1	1	0	1.0182	1.0179	-0.0003	0.9926	0.9925	0.0001
2024-02-06T10:33:47	1	0	5	5	0	1.0266	1.0266	0.0001	0.9903	0.99	0.0003
2024-02-06T10:33:48	4	0	18	16	2	1.0507	1.0504	-0.0003	-0.9929	-0.9931	0.0002
2024-02-06T10:34:58	2	0	15	10	5	1.0564	1.0552	-0.0012	-0.8545	-0.8553	0.0008
2024-02-06T10:36:24	1	0	22	21	1	1.0346	1.0335	-0.0011	0.9971	0.9971	0.0000
2024-02-06T10:36:52	1	0	112	110	2	1.0714	1.0710	-0.0004	0.994	0.994	0.0000
2024-02-06T10:37:07	1	0	44	44	0	1.0353	1.0352	0.0000	0.9615	0.9615	0.0000
2024-02-06T10:38:02	12	0	314	302	12	1.0609	1.0608	-0.0001	-0.9654	-0.9655	0.0001
2024-02-06T10:38:50	4	0	2	0	2	1.0451	null	null	-0.9995	-0.9996	0.0001
2024-02-06T10:40:28	1	0	1	0	1	1.0552	null	null	0.9952	0.9952	0.0000
2024-02-06T10:40:35	1	0	3	3	0	1.0277	1.0274	-0.0003	-0.9837	-0.9838	0.0001
2024-02-06T10:40:39	2	0	78	72	6	0.9503	0.9516	0.0013	0.9497	0.9529	-0.0032
2024-02-06T10:41:05	3	0	4	4	0	1.0376	1.0372	-0.0004	0.9925	0.9923	0.0002
2024-02-06T10:43:12	1	0	1	1	0	1.0325	1.0314	-0.0011	0.9965	0.9964	0.0001
2024-02-06T10:43:33	1	0	18	18	0	1.0470	1.0469	-0.0001	0.9972	0.9971	0.0001

2024-02-06T10:45:36	1	0	3	3	0	1.0262	1.0265	0.0003	0.9939	0.994	-0.0001
2024-02-06T10:45:41	6	0	5	6	-1	1.0411	1.0372	-0.0039	0.9995	0.9989	0.0006
2024-02-06T10:47:16	5	0	165	163	2	1.0556	1.0555	0.0000	0.9777	0.9776	0.0001
2024-02-06T10:47:35	4	0	188	178	10	1.0571	1.0570	-0.0002	0.9891	0.989	0.0001
2024-02-06T10:47:58	1	0	58	53	5	1.0035	0.9985	-0.0050	-0.9966	-0.9966	0.0000
2024-02-06T10:48:46	1	0	7	7	0	1.0434	1.0433	-0.0001	-0.9983	-0.9983	0.0000
2024-02-06T10:48:51	1	0	2	2	0	1.0333	1.0332	-0.0002	-0.9995	-0.9995	0.0000
2024-02-06T10:48:53	1	0	5	5	0	1.0420	1.0418	-0.0002	0.9941	0.9941	0.0000
2024-02-06T10:48:53	1	0	4	4	0	1.0463	1.0462	-0.0001	0.9901	0.99	0.0001
2024-02-06T10:49:10	1	0	30	28	2	1.0485	1.0484	-0.0001	0.9891	0.9891	0.0000
2024-02-06T10:49:44	1	0	9	9	0	1.0522	1.0521	-0.0001	0.9259	0.925	0.0009
2024-02-06T10:49:56	2	0	6	6	0	1.0462	1.0461	-0.0002	0.9976	0.9974	0.0002
2024-02-06T10:50:27	3	0	18	16	2	1.0522	1.0515	-0.0007	0.9937	0.9935	0.0002
2024-02-06T10:51:11	2	0	1	1	0	1.0402	1.0402	0.0000	0.9981	0.9981	0.0000
2024-02-06T10:52:08	1	0	42	42	0	1.0070	1.0070	0.0000	0.9617	0.9617	0.0000
2024-02-06T10:53:03	18	0	547	508	39	1.0627	1.0625	-0.0002	-0.9622	-0.9628	0.0006
2024-02-06T10:55:40	1	0	631	638	-7	0.8507	0.8518	0.0010	0.8998	0.8997	0.0001
2024-02-06T10:56:45	1	0	2	2	0	1.0308	1.0304	-0.0004	0.9818	0.9818	0.0000
2024-02-06T10:56:49	1	0	26	26	0	1.0468	1.0468	0.0000	0.9984	0.9984	0.0000
2024-02-06T10:57:36	1	0	13	13	0	1.0463	1.0462	0.0000	0.997	0.9969	0.0001
2024-02-06T10:59:41	1	0	8	7	1	1.0547	1.0537	-0.0010	0.9872	0.987	0.0002
2024-02-06T11:00:07	1	0	94	92	2	1.0507	1.0505	-0.0002	0.9973	0.9973	0.0000
2024-02-06T11:00:10	7	0	4	2	2	0.9937	0.9751	-0.0186	0.982	0.9813	0.0007
2024-02-06T11:00:29	4	0	22	18	4	1.0495	1.0497	0.0002	0.9866	0.9863	0.0003
2024-02-06T11:00:42	1	0	65	66	-1	1.0607	1.0604	-0.0003	0.9899	0.9892	0.0007
2024-02-06T11:01:00	1	0	4	4	0	1.0146	1.0144	-0.0002	0.9854	0.9853	0.0001
2024-02-06T11:01:59	1	0	1	0	1	1.0366	null	null	0.9992	0.9991	0.0001
2024-02-06T11:02:17	5	0	174	171	3	1.0555	1.0555	0.0000	0.9782	0.9782	0.0000
2024-02-06T11:02:22	1	0	1	0	1	1.0550	null	null	0.9606	0.9606	0.0000
2024-02-06T11:02:45	4	0	198	187	11	1.0570	1.0568	-0.0002	0.987	0.9868	0.0002
2024-02-06T11:02:59	1	0	51	49	2	1.0139	1.0120	-0.0019	-0.995	-0.995	0.0000
2024-02-06T11:03:28	1	0	4	4	0	1.0335	1.0334	-0.0002	0.976	0.9759	0.0001
2024-02-06T11:03:29	1	0	6	5	1	1.0460	1.0454	-0.0005	-0.994	-0.9945	0.0005
2024-02-06T11:03:42	1	0	2	2	0	1.0296	1.0293	-0.0003	0.9946	0.9945	0.0001
2024-02-06T11:03:56	1	0	2	2	0	1.0358	1.0357	-0.0002	-0.9992	-0.9992	0.0000
2024-02-06T11:04:00	1	0	4	4	0	1.0367	1.0366	-0.0001	0.9911	0.9911	0.0000
2024-02-06T11:04:12	1	0	43	41	2	1.0494	1.0493	-0.0001	0.9882	0.9882	0.0000
2024-02-06T11:04:15	1	0	2	2	0	1.0297	1.0294	-0.0002	0.9652	0.965	0.0002
2024-02-06T11:04:42	8	0	6	5	1	1.0475	1.0475	0.0000	0.9795	0.9784	0.0011
2024-02-06T11:04:55	1	0	3	3	0	1.0253	1.0251	-0.0002	0.9764	0.9763	0.0001
2024-02-06T11:05:24	2	0	31	30	1	1.0500	1.0499	-0.0001	-0.9991	-0.9991	0.0000
2024-02-06T11:05:46	3	0	2	2	0	1.0661	1.0651	-0.0010	0.9528	0.9871	-0.0343
2024-02-06T11:07:37	1	0	2	2	0	1.0496	1.0494	-0.0003	0.9978	0.9978	0.0000
2024-02-06T11:08:03	4	0	6	5	1	1.0296	1.0291	-0.0005	0.9993	0.9993	0.0000
2024-02-06T11:09:18	1	0	200	200	0	1.0625	1.0625	0.0000	0.9657	0.9646	0.0011
2024-02-06T11:10:14	2	0	6	6	0	1.0382	1.0382	-0.0001	-0.9997	-0.9997	0.0000
2024-02-06T11:10:37	1	0	3	3	0	1.0174	1.0169	-0.0006	-0.9825	-0.9827	0.0002
2024-02-06T11:15:12	1	0	101	99	2	1.0513	1.0512	-0.0001	0.9976	0.9976	0.0000
2024-02-06T11:17:23	1	0	1	1	0	1.0586	1.0575	-0.0011	0.9586	0.9583	0.0003
2024-02-06T11:17:58	3	0	243	232	11	1.0578	1.0577	-0.0001	0.9878	0.9876	0.0002
2024-02-06T11:18:00	1	0	50	49	1	0.9862	0.9847	-0.0015	-0.9968	-0.9968	0.0000
2024-02-06T11:18:50	2	0	19	19	0	1.0517	1.0522	0.0005	-0.9956	-0.9957	0.0001
2024-02-06T11:20:01	2	0	14	11	3	1.0531	1.0543	0.0012	-0.8566	-0.8572	0.0006
2024-02-06T11:20:25	1	0	39	38	1	1.0509	1.0509	0.0000	-0.9982	-0.9982	0.0000
2024-02-06T11:23:05	3	0	223	222	1	1.0596	1.0596	0.0000	-0.9751	-0.975	-0.0001
2024-02-06T11:28:07	1	0	6	6	0	1.0481	1.0481	0.0000	0.9824	0.9825	-0.0001
2024-02-06T11:28:36	3	0	33	32	1	1.0513	1.0512	0.0000	0.9961	0.9976	-0.0015
2024-02-06T11:28:55	1	0	1	0	1	1.0042	null	null	0.997	0.997	0.0000
2024-02-06T11:30:12	4	0	2	2	0	0.9414	0.9414	0.0000	0.9782	0.9782	0.0000
2024-02-06T11:30:18	2	0	106	102	4	1.0518	1.0516	-0.0002	0.9972	0.9972	0.0000
2024-02-06T11:30:48	6	0	61	59	2	1.0578	1.0575	-0.0003	0.9889	0.9887	0.0002
2024-02-06T11:32:01	2	0	1	1	0	1.0371	1.0366	-0.0005	0.999	0.9989	0.0001
2024-02-06T11:32:17	2	0	2	1	1	0.9912	1.0413	0.0501	0.9684	0.9684	0.0000
2024-02-06T11:32:58	1	0	11	11	0	1.0495	1.0494	0.0000	0.8889	0.8887	0.0002
2024-02-06T11:33:01	1	0	44	43	1	0.9882	0.9865	-0.0016	-0.9966	-0.9967	0.0001
2024-02-06T11:33:08	13	0	259	254	5	1.0584	1.0583	0.0000	0.988	0.988	0.0000
2024-02-06T11:33:31	2	0	21	19	2	1.0501	1.0490	-0.0011	-0.9872	-0.9876	0.0004
2024-02-06T11:33:49	2	0	1	1	0	1.0428	1.0428	0.0000	-0.9984	-0.9984	0.0000
2024-02-06T11:33:56	7	0	11	12	-1	1.0449	1.0458	0.0008	0.9949	0.9949	0.0000
2024-02-06T11:34:11	1	0	6	6	0	1.0409	1.0409	0.0000	0.9914	0.9914	0.0000
2024-02-06T11:34:17	1	0	1	1	0	1.0377	1.0377	0.0000	0.9684	0.9684	0.0000
2024-02-06T11:35:36	6	0	27	24	3	1.0520	1.0513	-0.0007	0.9949	0.9948	0.0001
2024-02-06T11:35:51	3	0	7	7	0	1.0528	1.0528	0.0000	0.9999	1	-0.0001
2024-02-06T11:39:52	2	0	30	29	1	1.0481	1.0478	-0.0003	0.9916	0.9916	0.0000
2024-02-06T11:40:13	1	0	85	84	1	1.0550	1.0550	0.0000	0.9986	0.9986	0.0000
2024-02-06T11:40:43	2	0	266	263	3	0.9126	0.9101	-0.0026	0.9353	0.9351	0.0002
2024-02-06T11:41:09	1	0	282	282	0	1.0892	1.0892	0.0000	1	1	0.0000
2024-02-06T11:41:29	2	0	8	8	0	1.0527	1.0523	-0.0004	0.9895	0.9894	0.0001
2024-02-06T11:41:39	2	0	7	7	0	1.0513	1.0511	-0.0001	0.9931	0.9944	-0.0013
2024-02-06T11:42:16	2	0	1	0	1	0.9969	null	null	-0.9975	-0.9985	0.0010
2024-02-06T11:42:34	2	0	6	5	1	1.0471	1.0452	-0.0020	-0.9981	-0.9981	0.0000
2024-02-06T11:42:39	2	0	1	1	0	1.0432	1.0432	0.0000	0.9977	0.9976	0.0001
2024-02-06T11:43:08	1	0	8	8	0	1.0502	1.0502	0.0000	0.9818	0.9818	0.0000
2024-02-06T11:43:29	1	0	2	2	0	1.0336	1.0336	-0.0001	0.9964	0.9964	0.0000
2024-02-06T11:44:03	4	0	8	9	-1	1.0489	1.0497	0.0008	-0.9909	-0.9907	-0.0002

2024-02-06T11:44:10	1	0	4	4	0	0.9734	0.9734	0.0000	0.9939	0.9939	0.0000
2024-02-06T11:44:20	1	0	11	11	0	1.0476	1.0475	0.0000	-0.9988	-0.9988	0.0000
2024-02-06T11:44:25	4	0	26	34	-8	1.0542	1.0543	0.0001	0.9994	0.9995	-0.0001
2024-02-06T11:45:13	1	0	3	2	1	1.0360	1.0250	-0.0110	0.9904	0.9905	-0.0001
2024-02-06T11:45:13	7	0	1	1	0	0.9413	0.9413	0.0000	0.9795	0.9796	-0.0001
2024-02-06T11:45:25	1	0	112	109	3	1.0519	1.0517	-0.0001	0.9977	0.9977	0.0000
2024-02-06T11:45:53	6	0	61	62	-1	1.0591	1.0589	-0.0002	0.9879	0.9879	0.0000
2024-02-06T11:46:13	2	0	2	0	2	1.0246	null	null	0.9613	0.9606	0.0007
2024-02-06T11:47:06	3	0	5	6	-1	1.0455	1.0423	-0.0032	-0.9999	-0.9999	0.0000
2024-02-06T11:47:59	1	0	17	17	0	1.0492	1.0492	0.0000	0.8892	0.8896	-0.0004
2024-02-06T11:48:02	1	0	73	69	4	0.9906	0.9868	-0.0038	-0.9956	-0.9956	0.0000
2024-02-06T11:48:32	2	0	13	13	0	1.0479	1.0477	-0.0003	-0.9919	-0.9921	0.0002
2024-02-06T11:48:57	7	0	6	9	-3	1.0475	1.0502	0.0027	0.9947	0.9948	-0.0001
2024-02-06T11:50:19	3	0	16	14	2	1.0491	1.0488	-0.0003	-0.9999	-0.9999	0.0000
2024-02-06T11:50:20	2	0	6	8	-2	1.0444	1.0461	0.0018	0.8625	0.8628	-0.0003
2024-02-06T11:50:44	3	0	20	20	0	1.0506	1.0505	-0.0001	0.994	0.9925	0.0015
2024-02-06T11:56:44	3	0	46	46	0	1.0559	1.0556	-0.0002	0.9999	0.9998	0.0001
2024-02-06T11:56:54	1	0	13	13	0	1.0472	1.0472	0.0000	0.9967	0.9968	-0.0001
2024-02-06T11:57:28	1	0	2	2	0	1.0393	1.0393	0.0000	-0.9996	-0.9996	0.0000
2024-02-06T11:57:30	2	0	14	12	2	1.0473	1.0459	-0.0014	0.9993	0.9993	0.0000
2024-02-06T11:57:40	1	0	8	8	0	1.0476	1.0476	0.0000	0.9977	0.9977	0.0000
2024-02-06T11:58:09	1	0	9	9	0	1.0493	1.0493	0.0000	0.9811	0.9811	0.0000
2024-02-06T11:59:44	3	0	18	16	2	1.0513	1.0507	-0.0007	1	1	0.0000
2024-02-06T12:00:31	1	0	156	153	3	1.0543	1.0542	-0.0001	0.9981	0.998	0.0001
2024-02-06T12:03:03	1	0	63	61	2	1.0205	1.0193	-0.0012	-0.9942	-0.9942	0.0000
2024-02-06T12:03:33	2	0	27	25	2	1.0504	1.0503	-0.0001	-0.9894	-0.9896	0.0002
2024-02-06T12:05:20	3	0	56	55	1	1.0581	1.0580	-0.0001	-0.993	-0.993	0.0000
2024-02-06T12:05:57	3	0	11	11	0	1.0547	1.0542	-0.0005	0.9981	0.9977	0.0004
2024-02-06T12:10:20	1	0	42	41	1	1.0544	1.0544	0.0000	0.9881	0.9881	0.0000
2024-02-06T12:13:36	1	0	1	1	0	1.0255	1.0255	0.0000	0.9876	0.9877	-0.0001
2024-02-06T12:15:36	3	0	163	163	0	1.0542	1.0542	-0.0001	0.9978	0.9978	0.0000
2024-02-06T12:15:52	1	0	24	23	1	1.0548	1.0547	-0.0001	-0.9947	-0.9947	0.0000
2024-02-06T12:16:39	1	0	1	0	1	1.0569	null	null	0.9884	0.9702	0.0182
2024-02-06T12:17:20	3	0	1	1	0	0.9421	1.0167	0.0746	0.9686	0.9687	-0.0001
2024-02-06T12:18:01	2	0	26	25	1	1.0515	1.0514	-0.0002	0.8967	0.8968	-0.0001
2024-02-06T12:18:04	1	0	51	50	1	1.0450	1.0447	-0.0003	-0.9937	-0.9937	0.0000
2024-02-06T12:18:34	1	0	14	14	0	1.0488	1.0486	-0.0002	-0.9901	-0.9903	0.0002
2024-02-06T12:18:50	1	0	13	12	1	1.0494	1.0488	-0.0006	0.9984	0.9984	0.0000
2024-02-06T12:18:59	7	0	46	11	35	1.0548	1.0475	-0.0073	0.9958	0.9953	0.0005
2024-02-06T12:19:20	1	0	1	1	0	1.0357	1.0357	0.0000	0.9705	0.9706	-0.0001
2024-02-06T12:20:21	5	0	69	65	4	1.0589	1.0589	0.0000	-0.9927	-0.9927	0.0000
2024-02-06T12:25:46	2	0	4	4	0	1.0117	1.0115	-0.0001	0.9692	0.9691	0.0001
2024-02-06T12:26:14	2	0	14	14	0	1.0404	1.0402	-0.0001	0.9947	0.9947	0.0000
2024-02-06T12:27:44	1	0	33	33	0	1.0526	1.0526	0.0000	0.998	0.9981	-0.0001
2024-02-06T12:29:10	1	0	15	14	1	1.0476	1.0470	-0.0006	0.9971	0.9971	0.0000
2024-02-06T12:30:16	1	0	3	3	0	1.0387	1.0383	-0.0004	0.9906	0.9906	0.0000
2024-02-06T12:33:19	1	0	331	333	-2	1.0651	1.0649	-0.0002	-0.9992	-0.9992	0.0000
2024-02-06T12:33:52	2	0	26	24	2	1.0483	1.0476	-0.0006	0.9985	0.9985	0.0000
2024-02-06T12:37:46	1	0	11	11	0	1.0488	1.0486	-0.0002	0.9709	0.9703	0.0006
2024-02-06T12:42:37	2	0	15	14	1	1.0470	1.0464	-0.0006	0.9986	0.9986	0.0000
2024-02-06T12:44:24	1	0	42	41	1	1.0504	1.0502	-0.0002	-0.9976	-0.9976	0.0000
2024-02-06T12:45:17	7	0	2	2	0	0.9357	0.9358	0.0001	0.9689	0.9693	-0.0004
2024-02-06T12:45:42	2	0	165	164	1	1.0547	1.0547	0.0000	0.9975	0.9975	0.0000
2024-02-06T12:50:24	2	0	7	8	-1	1.0449	1.0455	0.0006	0.8641	0.8646	-0.0005
2024-02-06T12:56:14	3	0	4	5	-1	1.0398	1.0431	0.0033	0.9924	0.9926	-0.0002
2024-02-06T12:58:04	1	0	7	7	0	1.0506	1.0505	-0.0001	0.9873	0.9872	0.0001
2024-02-06T12:59:25	2	0	36	36	0	1.0481	1.0481	0.0000	-0.9973	-0.9973	0.0000
2024-02-06T13:04:21	1	0	3	3	0	1.0476	1.0475	-0.0001	0.992	0.9919	0.0001
2024-02-06T13:11:59	1	0	12	12	0	1.0465	1.0465	0.0000	0.9973	0.9974	-0.0001
2024-02-06T13:18:54	2	0	4	3	1	1.0373	1.0305	-0.0068	0.9263	0.9262	0.0001
2024-02-06T13:18:57	2	0	2	2	0	1.0458	1.0458	0.0000	-0.9976	-0.9976	0.0000
2024-02-06T13:28:06	2	0	18	18	0	1.0560	1.0557	-0.0004	0.9972	0.9972	0.0000
2024-02-06T13:31:15	1	0	118	117	1	1.0571	1.0571	0.0000	0.9951	0.9951	0.0000
2024-02-06T13:32:13	1	0	7	8	-1	1.0450	1.0430	-0.0019	-0.9996	-0.9996	0.0000
2024-02-06T13:33:12	2	0	1	0	1	1.0552	null	null	0.9677	0.9677	0.0000
2024-02-06T13:33:39	1	0	24	23	1	1.0525	1.0517	-0.0009	-0.9891	-0.9893	0.0002
2024-02-06T13:35:27	1	0	3	3	0	1.0377	1.0375	-0.0002	0.8596	0.8594	0.0002
2024-02-06T13:36:00	3	0	15	15	0	1.0510	1.0509	-0.0001	0.9964	0.9964	0.0000
2024-02-06T13:36:22	1	0	4	4	0	1.0428	1.0428	0.0000	0.9997	0.9997	0.0000
2024-02-06T13:40:51	1	0	8	8	0	1.0181	1.0180	-0.0002	0.9592	0.9591	0.0001
2024-02-06T13:42:49	1	0	22	22	0	1.0503	1.0503	0.0000	0.9986	0.9985	0.0001
2024-02-06T13:45:21	3	0	3	3	0	0.9910	0.9900	-0.0009	0.9731	0.9729	0.0002
2024-02-06T13:45:53	3	0	140	138	2	1.0527	1.0526	-0.0001	0.9942	0.9942	0.0000
2024-02-06T13:48:40	1	0	22	20	2	1.0501	1.0499	-0.0002	-0.9902	-0.9904	0.0002
2024-02-06T13:50:52	3	0	5	5	0	1.0492	1.0484	-0.0008	-0.9998	-0.9998	0.0000
2024-02-06T13:55:52	1	0	637	635	2	0.8515	0.8519	0.0004	0.9133	0.9131	0.0002
2024-02-06T13:56:12	1	0	15	14	1	1.0396	1.0391	-0.0005	0.9944	0.9944	0.0000
2024-02-06T13:59:00	2	0	21	21	0	1.0515	1.0514	-0.0001	0.9999	0.9999	0.0000
2024-02-06T13:59:38	2	0	125	119	6	1.0543	1.0540	-0.0003	-0.9922	-0.9922	0.0000
2024-02-06T14:00:22	3	0	6	6	0	0.9962	0.9960	-0.0002	0.9717	0.9715	0.0002
2024-02-06T14:00:58	1	0	117	116	1	1.0523	1.0522	-0.0001	0.9943	0.9943	0.0000
2024-02-06T14:01:19	1	0	28	27	1	1.0522	1.0520	-0.0001	-0.9896	-0.9897	0.0001
2024-02-06T14:01:41	1	0	1	1	0	1.0568	1.0565	-0.0003	0.9914	0.9914	0.0000
2024-02-06T14:01:51	2	0	1	0	1	1.0555	null	null	-0.9989	-0.9989	0.0000
2024-02-06T14:03:41	2	0	25	23	2	1.0509	1.0507	-0.0002	-0.9897	-0.99	0.0003

2024-02-06T14:04:00	1	0	4	4	0	1.0413	1.0412	-0.0001	-0.9965	-0.9966	0.0001
2024-02-06T14:04:06	8	0	31	29	2	1.0539	1.0540	0.0001	0.9967	0.9967	0.0000
2024-02-06T14:04:07	5	0	87	87	0	1.0600	1.0600	0.0000	0.992	0.9922	-0.0002
2024-02-06T14:04:24	10	0	75	72	3	1.0516	1.0514	-0.0002	0.986	0.986	0.0000
2024-02-06T14:04:28	2	0	5	5	0	1.0505	1.0505	-0.0001	0.993	0.9928	0.0002
2024-02-06T14:04:57	2	0	31	28	3	1.0563	1.0561	-0.0001	0.9879	0.9873	0.0006
2024-02-06T14:05:29	2	0	15	14	1	1.0476	1.0468	-0.0008	0.8556	0.8553	0.0003
2024-02-06T14:05:54	3	0	1	1	0	1.0559	1.0557	-0.0002	0.9998	0.9998	0.0000
2024-02-06T14:06:07	1	0	2	2	0	1.0666	1.0666	0.0000	-0.2606	-0.263	0.0024
2024-02-06T14:06:11	3	0	15	15	0	1.0525	1.0521	-0.0003	0.9969	0.9968	0.0001
2024-02-06T14:07:14	1	0	17	17	0	1.0545	1.0545	0.0000	0.986	0.9859	0.0001
2024-02-06T14:07:21	3	0	76	76	0	1.0544	1.0543	0.0000	0.963	0.9631	-0.0001
2024-02-06T14:10:26	2	0	3	3	0	1.0502	1.0502	0.0000	0.9968	0.9968	0.0000
2024-02-06T14:10:53	4	0	152	149	3	0.9486	0.9489	0.0002	0.9455	0.9451	0.0004
2024-02-06T14:11:13	1	0	9	9	0	1.0367	1.0367	0.0000	0.9885	0.9885	0.0000
2024-02-06T14:11:49	1	0	2	2	0	1.0502	1.0501	-0.0001	0.9873	0.9871	0.0002
2024-02-06T14:11:53	3	0	48	47	1	1.0563	1.0562	-0.0001	1	1	0.0000
2024-02-06T14:13:47	3	0	158	154	4	1.0567	1.0566	-0.0001	0.9975	0.9975	0.0000
2024-02-06T14:14:49	2	0	53	51	2	1.0511	1.0510	0.0000	-0.9942	-0.9943	0.0001
2024-02-06T14:14:54	1	0	4	5	-1	1.0512	1.0500	-0.0012	0.9901	0.9901	0.0000
2024-02-06T14:15:23	4	0	3	3	0	0.9637	0.9634	-0.0003	0.9705	0.9703	0.0002
2024-02-06T14:18:12	1	0	121	121	0	1.0529	1.0527	-0.0002	-0.9916	-0.9916	0.0000
2024-02-06T14:18:26	1	0	275	275	0	1.0617	1.0617	0.0000	-0.9996	-0.9996	0.0000
2024-02-06T14:18:28	14	0	203	202	1	1.0575	1.0575	0.0000	0.9834	0.9856	-0.0022
2024-02-06T14:18:42	2	0	23	22	1	1.0504	1.0502	-0.0003	-0.9888	-0.9892	0.0004
2024-02-06T14:18:59	3	0	49	48	1	1.0493	1.0491	-0.0002	0.999	0.999	0.0000
2024-02-06T14:19:01	2	0	4	4	0	1.0397	1.0396	-0.0001	-0.9963	-0.9964	0.0001
2024-02-06T14:19:03	15	0	1	1	0	0.9398	0.9408	0.0010	0.9975	0.9977	-0.0002
2024-02-06T14:19:07	12	0	30	29	1	1.0523	1.0525	0.0001	0.9969	0.9968	0.0001
2024-02-06T14:19:15	6	0	82	77	5	1.0598	1.0596	-0.0001	0.9933	0.9932	0.0001
2024-02-06T14:19:25	1	0	59	58	1	1.0508	1.0507	-0.0001	0.9858	0.9858	0.0000
2024-02-06T14:19:28	1	0	2	2	0	1.0338	1.0336	-0.0002	0.9729	0.9727	0.0002
2024-02-06T14:19:58	9	0	8	9	-1	1.0483	1.0480	-0.0003	0.9796	0.9798	-0.0002
2024-02-06T14:20:00	2	0	30	29	1	1.0563	1.0560	-0.0003	0.9862	0.9849	0.0013
2024-02-06T14:20:29	3	0	41	41	0	1.0545	1.0543	-0.0002	-0.9929	-0.993	0.0001
2024-02-06T14:20:30	2	0	3	3	0	1.0374	1.0370	-0.0003	0.8618	0.8616	0.0002
2024-02-06T14:20:37	4	0	54	54	0	1.0509	1.0509	0.0000	-0.9968	-0.9968	0.0000
2024-02-06T14:21:08	3	0	2	2	0	1.0664	1.0659	-0.0005	0.3271	0.3175	0.0096
2024-02-06T14:21:46	2	0	12	12	0	1.0486	1.0484	-0.0002	-0.9996	-0.9996	0.0000
2024-02-06T14:22:15	1	0	18	18	0	1.0518	1.0518	0.0000	0.9863	0.9863	0.0000
2024-02-06T14:23:31	5	0	3	3	0	1.0353	1.0353	0.0000	0.9942	0.9942	0.0000
2024-02-06T14:25:54	2	0	71	71	0	0.9590	0.9618	0.0027	0.9402	0.944	-0.0038
2024-02-06T14:26:14	2	0	10	10	0	1.0377	1.0375	-0.0002	0.9891	0.989	0.0001
2024-02-06T14:26:20	1	0	2	2	0	1.0496	1.0495	-0.0001	0.9966	0.9966	0.0000
2024-02-06T14:26:22	2	0	15	15	0	1.0375	1.0374	-0.0002	0.9967	0.9967	0.0000
2024-02-06T14:26:40	2	0	14	14	0	1.0525	1.0525	0.0000	0.9909	0.9909	0.0000
2024-02-06T14:26:54	3	0	46	46	0	1.0556	1.0555	-0.0001	0.9998	0.9998	0.0000
2024-02-06T14:27:27	4	0	1	1	0	0.9884	0.9891	0.0007	-0.9923	-0.9921	-0.0002
2024-02-06T14:27:52	1	0	17	17	0	1.0470	1.0470	0.0000	0.9985	0.9984	0.0001
2024-02-06T14:28:48	1	0	1	1	0	1.0300	1.0296	-0.0004	0.9857	0.9856	0.0001
2024-02-06T14:28:56	3	0	147	139	8	1.0562	1.0560	-0.0002	0.9978	0.9978	0.0000
2024-02-06T14:29:14	4	0	49	48	1	1.0560	1.0559	-0.0001	-0.9878	-0.988	0.0002
2024-02-06T14:29:18	3	0	31	30	1	1.0489	1.0486	-0.0003	0.9982	0.9982	0.0000
2024-02-06T14:29:31	1	0	3	3	0	1.0012	1.0011	-0.0001	0.9941	0.9941	0.0000
2024-02-06T14:29:36	4	0	26	25	1	1.0532	1.0530	-0.0002	0.9997	0.9993	0.0004
2024-02-06T14:29:55	4	0	14	13	1	1.0534	1.0531	-0.0004	0.9901	0.99	0.0001
2024-02-06T14:30:00	2	0	49	48	1	1.0511	1.0510	-0.0001	-0.994	-0.994	0.0000
2024-02-06T14:31:12	1	0	119	115	4	1.0519	1.0519	0.0001	0.9945	0.9944	0.0001
2024-02-06T14:31:21	1	0	22	23	-1	1.0500	1.0497	-0.0003	-0.9906	-0.9912	0.0006
2024-02-06T14:31:25	4	0	4	3	1	1.0287	1.0275	-0.0012	0.9628	0.9618	0.0010
2024-02-06T14:32:29	1	0	2	3	-1	1.0319	1.0029	-0.0290	0.9777	0.9776	0.0001
2024-02-06T14:33:13	1	0	67	65	2	1.0541	1.0538	-0.0003	-0.9907	-0.9907	0.0000
2024-02-06T14:33:39	11	0	239	228	11	1.0575	1.0573	-0.0002	0.9863	0.9881	-0.0018
2024-02-06T14:33:43	2	0	32	27	5	1.0527	1.0510	-0.0017	-0.986	-0.9899	0.0039
2024-02-06T14:34:02	2	0	3	3	0	1.0384	1.0383	-0.0001	-0.9953	-0.9953	0.0000
2024-02-06T14:34:04	2	0	1	1	0	0.9393	0.9395	0.0002	0.9974	0.9974	0.0000
2024-02-06T14:34:08	13	0	40	38	2	1.0533	1.0529	-0.0004	0.9961	0.9961	0.0000
2024-02-06T14:34:26	1	0	64	63	1	1.0508	1.0507	-0.0001	0.9853	0.9853	0.0000
2024-02-06T14:34:29	1	0	2	2	0	1.0333	1.0332	-0.0001	0.9699	0.9698	0.0001
2024-02-06T14:34:35	1	0	5	5	0	1.0469	1.0468	0.0000	0.9933	0.993	0.0003
2024-02-06T14:35:05	2	0	43	41	2	1.0568	1.0564	-0.0004	0.9943	0.9933	0.0010
2024-02-06T14:35:30	2	0	22	22	0	1.0515	1.0515	0.0000	0.9999	0.9999	0.0000
2024-02-06T14:35:31	2	0	9	9	0	1.0483	1.0481	-0.0002	0.8623	0.8622	0.0001
2024-02-06T14:35:46	3	0	72	69	3	1.0522	1.0522	-0.0001	-0.9945	-0.9946	0.0001
2024-02-06T14:36:13	3	0	2	2	0	1.0663	1.0659	-0.0003	0.6332	0.6201	0.0131
2024-02-06T14:36:23	2	0	7	7	0	1.0443	1.0442	-0.0001	0.9958	0.9958	0.0000
2024-02-06T14:36:47	4	0	12	11	1	1.0474	1.0480	0.0006	-0.9991	-0.9991	0.0000
2024-02-06T14:37:16	1	0	7	7	0	1.0613	1.0613	0.0000	0.9935	0.9935	0.0000
2024-02-06T14:38:23	2	0	14	14	0	1.0350	1.0350	0.0000	0.9994	0.9995	-0.0001
2024-02-06T14:38:32	5	0	2	2	0	0.9751	0.9752	0.0001	0.994	0.9941	-0.0001
2024-02-06T14:40:55	3	0	10	10	0	0.9929	0.9928	0.0000	0.957	0.9532	0.0038
2024-02-06T14:41:21	1	0	4	4	0	1.0532	1.0531	-0.0001	0.9963	0.9963	0.0000
2024-02-06T14:41:23	2	0	9	9	0	1.0316	1.0316	0.0000	0.994	0.994	0.0000
2024-02-06T14:41:41	2	0	15	15	0	1.0534	1.0533	0.0000	0.9893	0.9893	0.0000
2024-02-06T14:41:55	3	0	45	45	0	1.0560	1.0559	-0.0001	-1	-1	0.0000

2024-02-06T14:42:28	4	0	1	1	0	0.9919	0.9920	0.0001	-0.997	-0.997	0.0000
2024-02-06T14:42:53	1	0	22	22	0	1.0481	1.0481	0.0000	0.9986	0.9985	0.0001
2024-02-06T14:43:11	1	0	3	3	0	1.0628	1.0627	-0.0001	0.9789	0.9788	0.0001
2024-02-06T14:43:49	1	0	1	1	0	1.0285	1.0285	0.0000	0.9867	0.9867	0.0000
2024-02-06T14:44:07	3	0	176	165	11	1.0570	1.0569	-0.0002	0.9981	0.998	0.0001
2024-02-06T14:44:15	4	0	12	12	0	1.0515	1.0514	-0.0001	-0.9912	-0.9912	0.0000
2024-02-06T14:44:37	6	0	29	29	0	1.0539	1.0538	0.0000	0.9997	0.9996	0.0001
2024-02-06T14:44:38	1	0	2	2	0	1.0119	1.0118	-0.0001	0.9946	0.9946	0.0000
2024-02-06T14:45:01	1	0	11	11	0	1.0515	1.0515	0.0000	0.9897	0.9897	0.0000
2024-02-06T14:45:11	3	0	50	49	1	1.0515	1.0514	-0.0001	-0.9938	-0.9939	0.0001
2024-02-06T14:45:44	1	0	53	52	1	1.0541	1.0541	0.0000	0.9888	0.9887	0.0001
2024-02-06T14:46:19	1	0	120	118	2	1.0523	1.0522	-0.0001	0.9947	0.9947	0.0000
2024-02-06T14:46:26	1	0	2	3	-1	1.0214	1.0206	-0.0008	0.9631	0.9627	0.0004
2024-02-06T14:47:32	3	0	135	133	2	1.0553	1.0553	0.0000	0.9808	0.9808	0.0000
2024-02-06T14:48:44	1	0	19	19	0	1.0495	1.0485	-0.0010	-0.9972	-0.9974	0.0002
2024-02-06T14:48:52	2	0	146	141	5	1.0562	1.0561	-0.0001	0.9874	0.9874	0.0000
2024-02-06T14:49:05	7	0	2	2	0	1.0350	1.0344	-0.0006	0.9973	0.9973	0.0000
2024-02-06T14:50:05	9	0	7	7	0	1.0483	1.0482	-0.0001	0.9822	0.9819	0.0003
2024-02-06T14:50:09	1	0	44	39	5	1.0570	1.0567	-0.0003	0.9855	0.9842	0.0013
2024-02-06T14:52:24	4	0	1	1	0	1.0393	1.0382	-0.0011	-0.9979	-0.998	0.0001
2024-02-06T14:52:24	4	0	86	86	0	1.0535	1.0541	0.0006	0.9637	0.9635	0.0002
2024-02-06T14:53:19	3	0	266	265	1	1.0602	1.0602	0.0000	-0.98	-0.98	0.0000
2024-02-06T14:55:56	1	0	5	7	-2	0.9929	0.9965	0.0035	0.9532	0.9486	0.0046
2024-02-06T14:57:01	1	0	2	1	1	1.0480	1.0562	0.0082	0.9871	0.9857	0.0014
2024-02-06T14:59:04	1	0	15	14	1	1.0490	1.0485	-0.0005	1	0.9999	0.0001
2024-02-06T14:59:20	3	0	34	33	1	1.0491	1.0489	-0.0002	0.9988	0.9988	0.0000
2024-02-06T15:00:11	1	0	51	50	1	1.0505	1.0504	-0.0001	-0.9938	-0.9938	0.0000
2024-02-06T15:00:26	10	0	3	3	0	1.0117	1.0100	-0.0017	0.9773	0.9766	0.0007
2024-02-06T15:02:19	2	0	8	8	0	1.0410	1.0409	-0.0001	0.9999	0.9999	0.0000
2024-02-06T15:03:19	1	0	78	74	4	1.0502	1.0503	0.0001	-0.9914	-0.9914	0.0000
2024-02-06T15:03:45	2	0	32	28	4	1.0556	1.0528	-0.0028	-0.9928	-0.9956	0.0028
2024-02-06T15:03:45	1	0	1	1	0	0.9413	0.9422	0.0009	0.9411	0.9413	-0.0002
2024-02-06T15:05:12	1	0	91	85	6	1.0578	1.0576	-0.0002	0.9942	0.9938	0.0004
2024-02-06T15:05:37	4	0	41	40	1	1.0543	1.0550	0.0007	0.9985	0.9984	0.0001
2024-02-06T15:06:42	1	0	26	26	0	1.0586	1.0586	0.0000	0.9999	0.9999	0.0000
2024-02-06T15:08:20	3	0	237	233	4	1.0604	1.0604	0.0000	-0.9794	-0.9794	0.0000
2024-02-06T15:10:57	1	0	8	8	0	1.0083	1.0082	-0.0001	0.9661	0.9621	0.0040
2024-02-06T15:12:07	2	0	70	66	4	1.0528	1.0525	-0.0003	0.9977	0.9977	0.0000
2024-02-06T15:12:24	1	0	3	3	0	1.0465	1.0465	0.0000	0.9839	0.984	-0.0001
2024-02-06T15:13:51	1	0	2	2	0	1.0306	1.0302	-0.0004	0.9863	0.9861	0.0002
2024-02-06T15:14:05	4	0	17	16	1	1.0477	1.0476	0.0000	1	1	0.0000
2024-02-06T15:15:03	2	0	41	39	2	1.0560	1.0560	0.0000	0.9773	0.9772	0.0001
2024-02-06T15:15:12	1	0	56	55	1	1.0514	1.0513	-0.0001	-0.9933	-0.9933	0.0000
2024-02-06T15:15:13	6	0	98	93	5	1.0525	1.0522	-0.0003	-0.9996	-0.9996	0.0000
2024-02-06T15:18:05	1	0	28	27	1	1.0548	1.0546	-0.0001	0.961	0.9609	0.0001
2024-02-06T15:18:20	1	0	69	63	6	1.0486	1.0477	-0.0009	-0.9916	-0.9917	0.0001
2024-02-06T15:18:46	1	0	24	23	1	1.0508	1.0504	-0.0003	-0.9927	-0.9931	0.0004
2024-02-06T15:19:29	2	0	40	41	-1	1.0586	1.0585	-0.0001	0.9899	0.9899	0.0000
2024-02-06T15:20:15	1	0	58	58	0	1.0583	1.0580	-0.0004	0.9962	0.9954	0.0008
2024-02-06T15:21:43	2	0	29	29	0	1.0509	1.0509	0.0000	0.9999	0.9999	0.0000
2024-02-06T15:21:48	3	0	18	18	0	1.0530	1.0527	-0.0003	0.998	0.998	0.0000
2024-02-06T15:22:26	1	0	104	105	-1	1.0567	1.0567	-0.0001	0.9634	0.9635	-0.0001
2024-02-06T15:23:21	2	0	217	215	2	1.0603	1.0602	0.0000	-0.9794	-0.9794	0.0000
2024-02-06T15:27:56	1	0	22	22	0	1.0467	1.0467	0.0000	0.9985	0.9985	0.0000
2024-02-06T15:30:13	1	0	85	87	-2	1.0531	1.0531	0.0000	-0.9918	-0.9919	0.0001
2024-02-06T15:33:21	1	0	58	53	5	1.0510	1.0503	-0.0006	-0.9909	-0.9909	0.0000
2024-02-06T15:33:47	1	0	20	19	1	1.0505	1.0502	-0.0003	-0.9934	-0.9937	0.0003
2024-02-06T15:34:22	2	0	157	151	6	1.0544	1.0544	-0.0001	0.9847	0.9868	-0.0021
2024-02-06T15:35:18	1	0	116	113	3	1.0585	1.0581	-0.0004	0.9964	0.9961	0.0003
2024-02-06T15:36:03	6	0	4	2	2	1.0459	1.0458	-0.0001	-0.9996	-0.9999	0.0003
2024-02-06T15:40:55	2	0	4	5	-1	0.9497	0.9650	0.0153	-0.994	-0.9934	-0.0006
2024-02-06T15:40:59	2	0	466	465	1	0.8733	0.8740	0.0008	0.9227	0.9232	-0.0005
2024-02-06T15:44:14	2	0	7	7	0	1.0257	1.0256	-0.0001	-0.999	-0.9991	0.0001
2024-02-06T15:45:20	1	0	51	51	0	1.0505	1.0505	0.0000	-0.9941	-0.9941	0.0000
2024-02-06T15:47:34	1	0	1	2	-1	1.0394	0.9921	-0.0473	0.9792	0.9793	-0.0001
2024-02-06T15:48:22	1	0	87	87	0	1.0537	1.0535	-0.0002	-0.9903	-0.9903	0.0000
2024-02-06T15:50:20	1	0	102	96	6	1.0577	1.0575	-0.0002	0.9927	0.9924	0.0003
2024-02-06T15:50:40	1	0	36	36	0	1.0535	1.0535	0.0000	0.999	0.999	0.0000
2024-02-06T15:51:04	5	0	7	7	0	1.0491	1.0486	-0.0006	-0.9997	-0.9999	0.0002
2024-02-06T15:55:52	2	0	1	1	0	1.0175	1.0168	-0.0007	0.9726	0.9721	0.0005
2024-02-06T16:00:21	1	0	56	56	0	1.0513	1.0513	0.0000	-0.9933	-0.9934	0.0001
2024-02-06T16:00:30	1	0	1	1	0	1.0255	1.0252	-0.0003	0.9962	0.9961	0.0001
2024-02-06T16:02:35	3	0	4	5	-1	1.0262	1.0098	-0.0164	0.9783	0.9782	0.0001
2024-02-06T16:03:23	1	0	53	50	3	1.0495	1.0490	-0.0005	-0.9957	-0.9957	0.0000
2024-02-06T16:03:50	3	0	2	2	0	0.9601	0.9607	0.0006	0.9596	0.96	-0.0004
2024-02-06T16:07:17	3	0	1	0	1	1.0363	null	null	0.9992	0.9992	0.0000
2024-02-06T16:11:01	1	0	9	9	0	1.0050	1.0046	-0.0003	0.9618	0.9616	0.0002
2024-02-06T16:12:08	1	0	1	1	0	1.0467	1.0467	0.0000	0.9867	0.9858	0.0009
2024-02-06T16:15:10	1	0	60	60	0	1.0563	1.0563	0.0000	0.9786	0.9786	0.0000
2024-02-06T16:16:16	7	0	3	3	0	1.0255	1.0252	-0.0004	0.9184	0.9173	0.0011
2024-02-06T16:17:36	1	0	6	7	-1	1.0274	1.0156	-0.0118	0.9795	0.9796	-0.0001
2024-02-06T16:18:24	1	0	47	44	3	1.0503	1.0498	-0.0005	-0.9967	-0.9967	0.0000
2024-02-06T16:18:50	1	0	11	10	1	1.0467	1.0466	-0.0001	-0.9953	-0.9955	0.0002
2024-02-06T16:19:34	1	0	2	2	0	1.0285	1.0283	-0.0003	0.9988	0.9975	0.0013
2024-02-06T16:26:28	1	0	11	11	0	1.0274	1.0274	0.0000	0.9999	0.9999	0.0000

2024-02-06T16:29:04	4	0	2	2	0	1.0184	1.0177	-0.0007	0.9844	0.9843	0.0001
2024-02-06T16:30:11	1	0	61	61	0	1.0564	1.0564	0.0000	0.9788	0.9788	0.0000
2024-02-06T16:46:10	1	0	64	62	2	1.0561	1.0561	0.0000	-0.9426	-0.9427	0.0001
2024-02-06T16:48:26	1	0	49	47	2	1.0498	1.0495	-0.0003	-0.996	-0.996	0.0000
2024-02-06T17:03:53	1	0	8	8	0	1.0478	1.0476	-0.0002	-0.9854	-0.9822	-0.0032
2024-02-06T17:11:04	2	0	92	92	0	0.9361	0.9362	0.0001	-0.9947	-0.9942	-0.0005
2024-02-06T18:04:27	1	0	109	109	0	0.9386	0.9386	0.0000	0.9738	0.9738	0.0000
2024-02-07T07:51:37	2	0	125	125	0	0.9561	0.9561	0.0000	0.9981	0.9981	0.0000
2024-02-07T07:51:43	1	0	102	102	0	0.9096	0.9097	0.0001	0.982	0.982	0.0000
2024-02-07T07:55:29	1	0	120	120	0	0.9187	0.9187	0.0000	-0.9977	-0.9974	-0.0003
2024-02-07T08:03:07	1	0	96	96	0	0.9366	0.9368	0.0003	0.9899	0.9901	-0.0002
2024-02-07T08:06:38	3	0	81	80	1	0.9698	0.9700	0.0002	0.994	0.994	0.0000
2024-02-07T08:06:44	1	0	114	114	0	0.9202	0.9203	0.0001	0.9815	0.9814	0.0001
2024-02-07T08:09:30	1	0	137	137	0	0.9187	0.9189	0.0002	0.9963	0.9963	0.0000
2024-02-07T08:14:58	1	0	207	207	0	1.0556	1.0556	0.0000	0.9999	0.9999	0.0000
2024-02-07T08:21:43	3	0	129	128	1	0.9691	0.9691	0.0000	0.9854	0.9853	0.0001
2024-02-07T08:34:34	1	0	7	7	0	1.0523	1.0523	0.0000	0.9935	0.9935	0.0000
2024-02-07T08:35:14	2	0	27	26	1	1.0522	1.0521	-0.0001	0.9995	0.9995	0.0000
2024-02-07T08:48:19	1	0	96	96	0	0.9665	0.9666	0.0001	0.9895	0.9896	-0.0001
2024-02-07T08:50:15	2	0	46	43	3	1.0574	1.0574	0.0000	0.9992	0.9992	0.0000
2024-02-07T08:51:17	1	0	7	7	0	0.9786	0.9787	0.0001	0.9973	0.9973	0.0000
2024-02-07T09:01:32	1	0	58	58	0	1.0525	1.0525	0.0000	0.9933	0.9933	0.0000
2024-02-07T09:02:41	1	0	73	69	4	1.0587	1.0586	-0.0001	0.9457	0.9456	0.0001
2024-02-07T09:03:22	1	0	3	3	0	1.0455	1.0453	-0.0002	-0.9937	-0.9937	0.0000
2024-02-07T09:06:18	1	0	7	7	0	0.9909	0.9910	0.0001	0.9975	0.9975	0.0000
2024-02-07T09:06:48	2	0	75	72	3	0.9323	0.9328	0.0005	0.9864	0.9861	0.0003
2024-02-07T09:06:50	2	0	38	34	4	1.0500	1.0489	-0.0012	0.9866	0.9866	0.0000
2024-02-07T09:09:12	2	0	8	8	0	1.0506	1.0503	-0.0003	0.9849	0.9846	0.0003
2024-02-07T09:09:53	1	0	30	26	4	0.9491	0.9506	0.0014	0.9947	0.9948	-0.0001
2024-02-07T09:16:41	1	0	3	3	0	1.0330	1.0329	-0.0001	0.9994	0.9993	0.0001
2024-02-07T09:17:13	7	0	167	159	8	1.0553	1.0552	-0.0001	0.9795	0.9794	0.0001
2024-02-07T09:20:07	2	0	1	1	0	1.0355	1.0349	-0.0006	-1	-1	0.0000
2024-02-07T09:20:13	1	0	4	4	0	1.0230	1.0228	-0.0002	0.8695	0.8689	0.0006
2024-02-07T09:26:04	1	0	9	9	0	1.0470	1.0470	0.0000	0.9991	0.9991	0.0000
2024-02-07T09:31:28	2	0	3	3	0	1.0245	1.0240	-0.0004	0.9913	0.9911	0.0002
2024-02-07T09:31:42	1	0	2	2	0	1.0401	1.0398	-0.0002	0.9994	0.9994	0.0000
2024-02-07T09:33:37	3	0	4	3	1	1.0439	1.0429	-0.0010	-0.9977	-0.9977	0.0000
2024-02-07T09:34:38	5	0	9	9	0	1.0535	1.0532	-0.0003	0.9967	0.9966	0.0001
2024-02-07T09:35:18	12	0	42	41	1	1.0543	1.0537	-0.0006	0.9997	0.9997	0.0000
2024-02-07T09:35:37	1	0	3	3	0	1.0121	1.0119	-0.0002	-0.9993	-0.9992	-0.0001
2024-02-07T09:36:50	2	0	11	11	0	0.9596	0.9595	-0.0001	0.985	0.9843	0.0007
2024-02-07T09:36:52	1	0	117	114	3	1.0751	1.0749	-0.0002	0.9874	0.9874	0.0000
2024-02-07T09:42:54	1	0	3	3	0	0.9433	0.9438	0.0005	0.9979	0.9979	0.0000
2024-02-07T09:43:36	1	0	1	1	0	1.0312	1.0303	-0.0009	-0.9925	-0.9925	0.0000
2024-02-07T09:43:55	2	0	4	4	0	1.0490	1.0488	-0.0002	-0.9973	-0.9974	0.0001
2024-02-07T09:45:38	2	0	36	25	11	0.9753	0.9941	0.0187	0.9928	0.9931	-0.0003
2024-02-07T09:45:42	1	0	35	34	1	1.0529	1.0528	-0.0001	0.9931	0.9931	0.0000
2024-02-07T09:45:55	9	0	10	10	0	1.0269	1.0266	-0.0003	0.996	0.9958	0.0002
2024-02-07T09:46:56	2	0	11	11	0	1.0391	1.0390	-0.0001	0.9915	0.9914	0.0001
2024-02-07T09:47:04	1	0	62	61	1	1.0503	1.0502	0.0000	0.9902	0.9902	0.0000
2024-02-07T09:47:12	1	0	3	3	0	1.0376	1.0374	-0.0002	0.9747	0.9746	0.0001
2024-02-07T09:48:25	2	0	2	2	0	1.0483	1.0473	-0.0010	-0.9956	-0.9958	0.0002
2024-02-07T09:48:34	1	0	6	8	-2	1.0530	1.0535	0.0004	0.9974	0.9973	0.0001
2024-02-07T09:48:38	5	0	12	9	3	1.0468	1.0468	0.0000	-0.9967	-0.9967	0.0000
2024-02-07T09:48:53	1	0	3	3	0	1.0426	1.0424	-0.0002	0.9959	0.9959	0.0000
2024-02-07T09:48:58	1	0	1	1	0	1.0098	1.0095	-0.0003	0.9794	0.9793	0.0001
2024-02-07T09:50:15	1	0	9	9	0	1.0438	1.0436	-0.0002	0.8694	0.8692	0.0002
2024-02-07T09:51:21	1	0	6	6	0	0.9887	0.9886	-0.0001	0.9969	0.9968	0.0001
2024-02-07T09:58:15	2	0	2	2	0	1.0004	1.0001	-0.0003	-0.9999	-1	0.0001
2024-02-07T09:58:15	1	0	2	2	0	1.0313	1.0305	-0.0008	0.9961	0.996	0.0001
2024-02-07T09:58:56	2	0	5	5	0	1.0487	1.0485	-0.0002	-0.9974	-0.9975	0.0001
2024-02-07T09:59:27	4	0	13	13	0	1.0506	1.0504	-0.0002	0.9964	0.9963	0.0001
2024-02-07T10:00:09	1	0	3	3	0	1.0348	1.0348	-0.0001	-0.9999	-0.9999	0.0000
2024-02-07T10:00:41	4	0	63	55	8	1.0103	0.9913	-0.0191	0.9928	0.9928	0.0000
2024-02-07T10:01:01	2	0	1	1	0	1.0248	1.0242	-0.0006	0.9671	0.9665	0.0006
2024-02-07T10:02:00	1	0	117	115	2	1.0563	1.0563	0.0000	0.9918	0.9918	0.0000
2024-02-07T10:02:05	1	0	6	5	1	0.9801	0.9872	0.0072	0.9915	0.9915	0.0000
2024-02-07T10:02:08	1	0	87	86	1	1.0534	1.0534	0.0000	0.9887	0.9887	0.0000
2024-02-07T10:02:45	2	0	56	56	0	1.0000	1.0002	0.0002	0.9313	0.9312	0.0001
2024-02-07T10:03:55	2	0	5	5	0	1.0417	1.0413	-0.0004	0.9963	0.9962	0.0001
2024-02-07T10:04:07	1	0	41	40	1	1.0490	1.0488	-0.0002	0.9895	0.9895	0.0000
2024-02-07T10:04:44	1	0	17	17	0	1.0509	1.0508	-0.0001	0.9609	0.9597	0.0012
2024-02-07T10:04:54	2	0	2	2	0	1.0332	1.0328	-0.0004	0.9752	0.975	0.0002
2024-02-07T10:05:20	3	0	54	52	2	1.0582	1.0572	-0.0011	0.9997	0.9995	0.0002
2024-02-07T10:05:34	1	0	31	29	2	1.0561	1.0559	-0.0002	-0.9801	-0.9812	0.0011
2024-02-07T10:08:04	5	0	200	197	3	1.0591	1.0589	-0.0002	-0.9747	-0.9747	0.0000
2024-02-07T10:08:18	4	0	45	39	6	0.9377	0.9386	0.0009	0.9922	0.9924	-0.0002
2024-02-07T10:08:51	6	0	75	72	3	1.1466	1.0821	-0.0645	-0.9996	-0.9998	0.0002
2024-02-07T10:13:34	1	0	23	23	0	1.0508	1.0507	-0.0001	0.9974	0.9974	0.0000
2024-02-07T10:14:16	2	0	14	14	0	1.0467	1.0467	-0.0001	-0.999	-0.999	0.0000
2024-02-07T10:14:43	1	0	14	13	1	1.0537	1.0535	-0.0002	0.9873	0.9872	0.0001
2024-02-07T10:15:06	1	0	98	97	1	1.0502	1.0501	-0.0001	0.9972	0.9972	0.0000
2024-02-07T10:15:57	1	0	10	10	0	1.0274	1.0273	0.0000	0.9953	0.9952	0.0001
2024-02-07T10:17:08	8	0	35	34	1	1.0504	1.0504	0.0000	0.9894	0.9892	0.0002
2024-02-07T10:17:14	2	0	5	5	0	1.0313	1.0309	-0.0003	0.9757	0.9756	0.0001

2024-02-07T10:17:30	1	0	1	1	0	1.0327	1.0323	-0.0004	-0.9978	-0.9976	-0.0002
2024-02-07T10:18:27	1	0	3	1	2	1.0455	1.0454	-0.0001	-0.9981	-0.9982	0.0001
2024-02-07T10:18:36	2	0	44	44	0	1.0578	1.0569	-0.0009	0.997	0.997	0.0000
2024-02-07T10:18:40	1	0	26	26	0	1.0523	1.0521	-0.0003	-0.9949	-0.995	0.0001
2024-02-07T10:20:01	2	0	13	10	3	1.0566	1.0555	-0.0011	-0.8426	-0.8431	0.0005
2024-02-07T10:20:35	3	0	7	7	0	1.0543	1.0537	-0.0006	-0.9773	-0.9784	0.0011
2024-02-07T10:24:19	1	0	104	104	0	1.0573	1.0573	0.0000	0.9782	0.9775	0.0007
2024-02-07T10:25:15	1	0	3	0	3	0.9441	null	null	0.9982	0.9972	0.0010
2024-02-07T10:25:31	2	0	1	0	1	1.0189	null	null	0.9913	0.9913	0.0000
2024-02-07T10:25:42	1	0	1	1	0	1.0389	1.0385	-0.0004	0.9552	0.955	0.0002
2024-02-07T10:25:49	1	0	7	7	0	1.0387	1.0387	0.0000	0.9936	0.9936	0.0000
2024-02-07T10:26:04	1	0	4	4	0	1.0424	1.0421	-0.0002	0.993	0.9929	0.0001
2024-02-07T10:26:52	1	0	37	37	0	1.0475	1.0474	0.0000	0.9988	0.9988	0.0000
2024-02-07T10:27:37	1	0	24	24	0	1.0484	1.0483	-0.0001	0.9971	0.9972	-0.0001
2024-02-07T10:28:36	1	0	3	3	0	0.9981	0.9980	-0.0001	0.9932	0.9931	0.0001
2024-02-07T10:28:42	7	0	2	1	1	1.0122	1.0116	-0.0007	0.9964	0.9961	0.0003
2024-02-07T10:30:11	3	0	7	6	1	1.0393	1.0359	-0.0034	-0.9998	-0.9998	0.0000
2024-02-07T10:30:39	3	0	4	4	0	1.0293	1.0298	0.0005	0.9927	0.9929	-0.0002
2024-02-07T10:30:46	1	0	92	87	5	0.9738	0.9776	0.0038	0.9928	0.9928	0.0000
2024-02-07T10:32:18	5	0	188	184	4	1.0559	1.0558	-0.0001	0.9781	0.9779	0.0002
2024-02-07T10:33:41	2	0	16	15	1	1.0507	1.0506	-0.0001	-0.9943	-0.9944	0.0001
2024-02-07T10:33:42	1	0	22	22	0	1.0537	1.0536	-0.0001	0.9975	0.9974	0.0001
2024-02-07T10:33:56	3	0	16	15	1	1.0485	1.0477	-0.0008	0.997	0.9969	0.0001
2024-02-07T10:35:13	2	0	3	2	1	1.0357	1.0382	0.0026	0.9942	0.9941	0.0001
2024-02-07T10:35:22	1	0	46	46	0	1.0579	1.0577	-0.0002	1	0.9999	0.0001
2024-02-07T10:35:24	4	0	26	22	4	1.0538	1.0532	-0.0006	0.9947	0.9944	0.0003
2024-02-07T10:38:03	5	0	7	6	1	1.0326	1.0332	0.0006	0.9981	0.998	0.0001
2024-02-07T10:38:06	6	0	226	221	5	1.0598	1.0597	0.0000	-0.9654	-0.9653	-0.0001
2024-02-07T10:39:17	4	0	60	60	0	1.0509	1.0507	-0.0002	0.9597	0.9595	0.0002
2024-02-07T10:40:05	2	0	7	7	0	1.0498	1.0531	0.0033	0.9973	0.9972	0.0001
2024-02-07T10:41:05	1	0	5	5	0	1.0485	1.0484	-0.0001	0.9957	0.9951	0.0006
2024-02-07T10:41:14	2	0	14	14	0	1.0393	1.0390	-0.0002	0.9935	0.9933	0.0002
2024-02-07T10:41:28	2	0	12	12	0	1.0518	1.0515	-0.0003	0.9881	0.9879	0.0002
2024-02-07T10:41:42	2	0	34	31	3	1.0542	1.0538	-0.0004	0.9995	0.9995	0.0000
2024-02-07T10:43:36	1	0	47	46	1	1.0533	1.0532	-0.0001	0.9982	0.9982	0.0000
2024-02-07T10:43:43	9	0	3	3	0	1.0139	1.0116	-0.0023	0.9954	0.9944	0.0010
2024-02-07T10:44:45	1	0	14	13	1	1.0536	1.0531	-0.0005	0.9875	0.9874	0.0001
2024-02-07T10:45:12	3	0	6	5	1	1.0419	1.0380	-0.0039	-0.9996	-0.9996	0.0000
2024-02-07T10:45:33	4	0	30	29	1	1.0499	1.0495	-0.0004	0.9982	0.9981	0.0001
2024-02-07T10:45:40	1	0	4	4	0	1.0159	1.0161	0.0002	0.9927	0.9928	-0.0001
2024-02-07T10:45:50	6	0	87	81	6	1.0524	1.0522	-0.0002	0.9935	0.9933	0.0002
2024-02-07T10:46:53	2	0	51	49	2	1.0497	1.0496	0.0000	-0.9977	-0.9977	0.0000
2024-02-07T10:48:29	1	0	17	16	1	1.0483	1.0486	0.0003	-0.9937	-0.994	0.0003
2024-02-07T10:48:42	1	0	4	5	-1	1.0485	1.0277	-0.0208	0.9913	0.9912	0.0001
2024-02-07T10:48:43	1	0	1	1	0	1.0241	1.0237	-0.0004	0.9768	0.9767	0.0001
2024-02-07T10:48:51	1	0	1	1	0	1.0320	1.0317	-0.0003	-0.9999	-0.9999	0.0000
2024-02-07T10:48:54	1	0	4	4	0	1.0335	1.0334	-0.0001	-0.9993	-0.9993	0.0000
2024-02-07T10:48:57	2	0	21	21	0	1.0469	1.0468	-0.0001	0.995	0.9949	0.0001
2024-02-07T10:49:43	5	0	7	7	0	1.0478	1.0473	-0.0004	0.9789	0.9782	0.0007
2024-02-07T10:49:50	1	0	15	15	0	1.0504	1.0502	-0.0001	0.9865	0.9854	0.0011
2024-02-07T10:49:59	1	0	6	6	0	1.0507	1.0507	0.0000	0.9982	0.9981	0.0001
2024-02-07T10:50:32	1	0	16	15	1	1.0410	1.0409	-0.0001	0.9993	0.9993	0.0000
2024-02-07T10:52:41	1	0	11	11	0	1.0477	1.0476	-0.0002	0.9714	0.9709	0.0005
2024-02-07T10:53:07	14	0	355	335	20	1.0617	1.0616	-0.0001	-0.9622	-0.9625	0.0003
2024-02-07T10:55:27	4	0	2	0	2	1.0553	null	null	0.9954	0.9953	0.0001
2024-02-07T10:56:41	1	0	2	2	0	1.0297	1.0294	-0.0004	0.9818	0.9817	0.0001
2024-02-07T10:57:19	1	0	3	3	0	1.0084	1.0083	-0.0001	0.974	0.9739	0.0001
2024-02-07T10:58:37	1	0	32	32	0	1.0517	1.0517	0.0000	0.9986	0.9986	0.0000
2024-02-07T11:00:09	1	0	89	87	2	1.0494	1.0492	-0.0002	0.9975	0.9975	0.0000
2024-02-07T11:00:34	1	0	19	19	0	1.0488	1.0487	-0.0001	0.9888	0.9887	0.0001
2024-02-07T11:01:02	2	0	8	8	0	1.0251	1.0249	-0.0002	0.9959	0.9959	0.0000
2024-02-07T11:01:55	1	0	36	35	1	1.0490	1.0490	0.0000	-0.9977	-0.9977	0.0000
2024-02-07T11:02:25	2	0	16	16	0	1.0487	1.0485	-0.0003	-1	-1	0.0000
2024-02-07T11:03:11	1	0	5	5	0	1.0356	1.0354	-0.0001	1	1	0.0000
2024-02-07T11:03:30	1	0	17	17	0	1.0485	1.0481	-0.0003	-0.9935	-0.9938	0.0003
2024-02-07T11:03:32	2	0	2	1	1	0.9998	0.9440	-0.0558	0.9742	0.9741	0.0001
2024-02-07T11:03:51	1	0	2	2	0	1.0465	1.0464	-0.0002	0.9923	0.992	0.0003
2024-02-07T11:04:01	1	0	1	1	0	1.0376	1.0373	-0.0003	-0.9991	-0.9991	0.0000
2024-02-07T11:04:54	1	0	12	13	-1	1.0513	1.0506	-0.0007	0.9689	0.9673	0.0016
2024-02-07T11:06:36	2	0	3	3	0	1.0582	1.0580	-0.0002	-0.9966	-0.9967	0.0001
2024-02-07T11:07:29	3	0	7	7	0	1.0498	1.0495	-0.0003	0.9959	0.9957	0.0002
2024-02-07T11:07:43	1	0	2	2	0	1.0529	1.0526	-0.0003	0.9896	0.9895	0.0001
2024-02-07T11:08:08	15	0	510	472	38	1.0627	1.0626	-0.0001	-0.9564	-0.9568	0.0004
2024-02-07T11:08:22	1	0	2	2	0	0.9434	0.9437	0.0003	0.9955	0.9955	0.0000
2024-02-07T11:08:32	1	0	175	174	1	1.0541	1.0541	0.0000	0.9897	0.9897	0.0000
2024-02-07T11:10:28	3	0	1	1	0	1.0583	1.0576	-0.0007	0.9958	0.9956	0.0002
2024-02-07T11:10:44	3	0	2	2	0	1.0316	1.0289	-0.0027	-0.9767	-0.9758	-0.0009
2024-02-07T11:10:49	2	0	410	404	6	0.8908	0.8915	0.0007	0.9316	0.9242	0.0074
2024-02-07T11:11:40	2	0	1	1	0	1.0566	1.0559	-0.0007	0.9937	0.9933	0.0004
2024-02-07T11:11:47	1	0	26	24	2	1.0546	1.0544	-0.0002	0.9992	0.9984	0.0008
2024-02-07T11:12:44	1	0	25	25	0	1.0504	1.0504	0.0000	0.9977	0.9979	-0.0002
2024-02-07T11:14:34	2	0	23	23	0	1.0518	1.0518	0.0000	1	1	0.0000
2024-02-07T11:14:47	4	0	13	12	1	1.0519	1.0515	-0.0004	0.9876	0.9876	0.0000
2024-02-07T11:15:10	3	0	96	93	3	1.0508	1.0506	-0.0002	0.9975	0.9975	0.0000
2024-02-07T11:15:14	1	0	6	6	0	1.0376	1.0375	-0.0001	-0.9982	-0.9982	0.0000

2024-02-07T11:16:59	1	0	1	0	1	1.0394	null	null	0.9996	0.9996	0.0000
2024-02-07T11:17:27	1	0	1	1	0	1.0572	1.0561	-0.0011	0.96	0.9598	0.0002
2024-02-07T11:18:31	1	0	19	17	2	1.0486	1.0482	-0.0004	-0.9935	-0.9939	0.0004
2024-02-07T11:18:44	3	0	13	13	0	1.0498	1.0496	-0.0002	-0.994	-0.9942	0.0002
2024-02-07T11:19:26	1	0	7	7	0	1.0358	1.0357	-0.0001	-0.9944	-0.9945	0.0001
2024-02-07T11:19:48	1	0	7	7	0	1.0472	1.0472	-0.0001	0.9797	0.9796	0.0001
2024-02-07T11:19:57	1	0	12	12	0	1.0511	1.0508	-0.0002	0.9628	0.961	0.0018
2024-02-07T11:20:01	1	0	25	24	1	1.0550	1.0549	-0.0002	0.9984	0.9983	0.0001
2024-02-07T11:20:25	1	0	62	62	0	1.0569	1.0569	0.0000	-1	-1	0.0000
2024-02-07T11:20:50	4	0	11	10	1	1.0541	1.0532	-0.0008	0.9958	-0.9998	-0.0044
2024-02-07T11:21:13	2	0	5	5	0	1.0401	1.0399	-0.0002	0.9963	0.9963	0.0000
2024-02-07T11:21:37	2	0	5	5	0	1.0520	1.0518	-0.0002	-0.9986	-0.9987	0.0001
2024-02-07T11:22:12	4	0	12	11	1	1.0470	1.0481	0.0011	-0.9915	-0.9916	0.0001
2024-02-07T11:23:09	11	0	599	574	25	1.0631	1.0629	-0.0002	-0.958	-0.9588	0.0008
2024-02-07T11:23:19	1	0	42	42	0	0.9885	0.9884	-0.0001	-0.9991	-0.9991	0.0000
2024-02-07T11:24:22	1	0	22	22	0	1.0559	1.0559	0.0000	-0.9855	-0.9861	0.0006
2024-02-07T11:25:50	1	0	239	237	2	0.9313	0.9312	-0.0001	0.9426	0.942	0.0006
2024-02-07T11:27:17	4	0	1	1	0	0.9907	0.9920	0.0013	-0.9987	-0.9986	-0.0001
2024-02-07T11:28:52	1	0	3	3	0	0.9978	0.9977	-0.0001	0.9955	0.9955	0.0000
2024-02-07T11:29:21	2	0	29	29	0	1.0490	1.0489	0.0000	-0.9968	-0.9969	0.0001
2024-02-07T11:29:51	1	0	15	14	1	1.0535	1.0533	-0.0002	0.9879	0.9878	0.0001
2024-02-07T11:30:55	7	0	39	38	1	1.0581	1.0574	-0.0008	0.9674	0.9637	0.0037
2024-02-07T11:31:07	3	0	3	3	0	1.0207	1.0206	-0.0001	0.9637	0.9635	0.0002
2024-02-07T11:31:13	2	0	14	13	1	1.0487	1.0482	-0.0005	-0.9987	-0.9987	0.0000
2024-02-07T11:31:34	1	0	1	1	0	1.0560	1.0555	-0.0005	0.9893	0.9892	0.0001
2024-02-07T11:31:36	2	0	1	1	0	1.0274	1.0273	-0.0001	0.9903	0.99	0.0003
2024-02-07T11:32:05	2	0	4	4	0	1.0383	1.0380	-0.0003	0.9995	0.9995	0.0000
2024-02-07T11:32:09	4	0	9	9	0	1.0368	1.0367	-0.0002	1	1	0.0000
2024-02-07T11:32:19	2	0	1	1	0	1.0275	1.0275	0.0000	0.9751	0.9751	0.0000
2024-02-07T11:32:38	10	0	32	32	0	1.0513	1.0512	0.0000	-0.9999	-0.9999	0.0000
2024-02-07T11:32:47	1	0	4	4	0	1.0147	1.0149	0.0002	0.9846	0.9847	-0.0001
2024-02-07T11:32:49	1	0	42	41	1	1.0539	1.0540	0.0002	0.9986	0.9986	0.0000
2024-02-07T11:32:51	4	0	16	15	1	1.0557	1.0556	0.0000	0.9418	0.9418	0.0000
2024-02-07T11:33:01	1	0	1	0	1	1.0552	null	null	0.8988	0.8988	0.0000
2024-02-07T11:33:13	1	0	4	4	0	1.0364	1.0364	0.0000	0.9999	1	-0.0001
2024-02-07T11:33:32	2	0	21	19	2	1.0511	1.0500	-0.0010	-0.9932	-0.9935	0.0003
2024-02-07T11:33:34	6	0	2	1	1	1.0171	1.0554	0.0383	0.9699	0.9702	-0.0003
2024-02-07T11:33:45	14	0	7	11	-4	1.0512	1.0491	-0.0021	-0.9945	-0.9944	-0.0001
2024-02-07T11:35:00	2	0	15	14	1	1.0526	1.0522	-0.0004	0.9664	0.9649	0.0015
2024-02-07T11:35:22	11	0	3	3	0	1.0148	1.0131	-0.0017	0.9946	0.9947	-0.0001
2024-02-07T11:35:24	2	0	2	1	1	0.9431	0.9434	0.0003	0.9921	0.9927	-0.0006
2024-02-07T11:35:33	2	0	15	13	2	1.0524	1.0517	-0.0006	0.9946	0.9946	0.0000
2024-02-07T11:35:40	4	0	46	47	-1	1.0585	1.0584	-0.0001	-0.9669	-0.967	0.0001
2024-02-07T11:35:45	1	0	1	1	0	0.9405	0.9405	0.0000	-0.9998	-0.9998	0.0000
2024-02-07T11:38:15	1	0	11	10	1	1.0493	1.0484	-0.0009	0.9997	0.9997	0.0000
2024-02-07T11:39:23	1	0	26	26	0	1.0563	1.0563	0.0000	-0.9841	-0.9839	-0.0002
2024-02-07T11:40:39	3	0	4	5	-1	1.0481	1.0497	0.0016	0.9977	0.9977	0.0000
2024-02-07T11:41:42	1	0	1	0	1	1.0553	null	null	0.9995	0.9995	0.0000
2024-02-07T11:41:42	2	0	1	1	0	1.0615	1.0614	-0.0001	0.9925	0.9924	0.0001
2024-02-07T11:42:22	1	0	3	3	0	1.0286	1.0285	0.0000	0.973	0.9731	-0.0001
2024-02-07T11:42:46	1	0	21	21	0	1.0499	1.0499	0.0000	0.998	0.998	0.0000
2024-02-07T11:43:03	1	0	6	7	-1	0.9421	0.9423	0.0002	0.9986	0.9986	0.0000
2024-02-07T11:43:40	3	0	142	140	2	1.0561	1.0560	0.0000	0.9974	0.9974	0.0000
2024-02-07T11:43:59	1	0	3	3	0	0.9968	0.9969	0.0000	0.9955	0.9955	0.0000
2024-02-07T11:45:24	6	0	116	110	6	1.0528	1.0525	-0.0002	0.9979	0.9979	0.0000
2024-02-07T11:47:10	3	0	4	6	-2	1.0493	1.0427	-0.0066	1	1	0.0000
2024-02-07T11:47:10	2	0	2	2	0	1.0405	1.0404	-0.0001	0.9995	0.9995	0.0000
2024-02-07T11:47:20	2	0	3	2	1	0.9967	1.0243	0.0276	0.9747	0.9747	0.0000
2024-02-07T11:47:48	1	0	2	2	0	1.0784	1.0784	0.0000	0.9683	0.9682	0.0001
2024-02-07T11:47:56	1	0	36	35	1	1.0508	1.0506	-0.0002	0.9923	0.9923	0.0000
2024-02-07T11:48:14	1	0	4	4	0	1.0364	1.0364	0.0000	1	1	0.0000
2024-02-07T11:48:33	2	0	22	20	2	1.0513	1.0503	-0.0010	-0.9934	-0.9914	-0.0020
2024-02-07T11:49:50	9	0	6	7	-1	1.0488	1.0485	-0.0004	0.9796	0.9801	-0.0005
2024-02-07T11:50:03	1	0	16	15	1	1.0531	1.0528	-0.0003	0.982	0.9816	0.0004
2024-02-07T11:50:07	2	0	6	7	-1	1.0570	1.0559	-0.0011	-0.8166	-0.8153	-0.0013
2024-02-07T11:50:17	3	0	11	10	1	1.0458	1.0445	-0.0012	-0.9993	-0.9993	0.0000
2024-02-07T11:50:23	11	0	2	3	-1	1.0136	1.0125	-0.0011	0.9934	0.9938	-0.0004
2024-02-07T11:50:34	3	0	17	15	2	1.0518	1.0511	-0.0007	0.9966	0.9966	0.0000
2024-02-07T11:50:48	5	0	7	10	-3	1.0502	1.0486	-0.0016	-0.9993	0.9999	0.0008
2024-02-07T11:54:22	4	0	67	67	0	1.0537	1.0537	-0.0001	0.9598	0.9599	-0.0001
2024-02-07T11:54:24	1	0	23	23	0	1.0558	1.0558	0.0000	-0.982	-0.9818	-0.0002
2024-02-07T11:55:18	1	0	49	49	0	1.0539	1.0539	0.0000	0.9983	0.9983	0.0000
2024-02-07T11:56:43	2	0	4	4	0	1.0547	1.0545	-0.0002	0.9923	0.9922	0.0001
2024-02-07T11:56:43	1	0	1	1	0	1.0579	1.0576	-0.0003	0.9985	0.9985	0.0000
2024-02-07T11:57:23	1	0	3	3	0	1.0304	1.0304	0.0000	0.9721	0.9721	0.0000
2024-02-07T11:57:47	1	0	25	25	0	1.0517	1.0517	0.0000	0.998	0.998	0.0000
2024-02-07T11:59:13	1	0	15	14	1	1.0477	1.0471	-0.0006	0.9897	0.9897	0.0000
2024-02-07T11:59:17	2	0	3	1	2	1.0533	1.0460	-0.0073	-0.9238	-0.9236	-0.0002
2024-02-07T12:00:29	1	0	131	128	3	1.0534	1.0533	-0.0001	0.9981	0.9981	0.0000
2024-02-07T12:02:24	3	0	1	0	1	0.9443	null	null	0.9752	0.9753	-0.0001
2024-02-07T12:02:49	2	0	13	12	1	1.0550	1.0549	-0.0002	0.9969	0.9968	0.0001
2024-02-07T12:03:04	1	0	5	4	1	1.0518	1.0501	-0.0017	0.9709	0.9709	0.0000
2024-02-07T12:03:08	1	0	28	28	0	1.0494	1.0494	0.0000	0.9909	0.991	-0.0001
2024-02-07T12:03:15	1	0	4	4	0	1.0366	1.0366	0.0000	0.9999	1	-0.0001
2024-02-07T12:03:34	2	0	31	31	0	1.0562	1.0556	-0.0005	-0.9927	-0.9966	0.0039

2024-02-07T12:04:57	9	0	9	10	-1	1.0488	1.0485	-0.0003	0.9794	0.9798	-0.0004
2024-02-07T12:05:06	1	0	18	17	1	1.0531	1.0530	-0.0002	0.9877	0.9877	0.0000
2024-02-07T12:05:08	2	0	8	10	-2	1.0563	1.0566	0.0003	-0.8259	-0.825	-0.0009
2024-02-07T12:05:40	4	0	17	17	0	1.0527	1.0526	-0.0001	0.9959	0.9959	0.0000
2024-02-07T12:05:42	4	0	7	8	-1	1.0535	1.0540	0.0005	-0.9678	-0.9681	0.0003
2024-02-07T12:07:15	4	0	21	21	0	1.0484	1.0484	0.0000	-0.9915	-0.9914	-0.0001
2024-02-07T12:09:23	4	0	85	85	0	1.0587	1.0587	0.0000	0.96	0.9601	-0.0001
2024-02-07T12:09:25	1	0	24	24	0	1.0562	1.0563	0.0000	-0.9818	-0.9817	-0.0001
2024-02-07T12:10:19	1	0	58	58	0	1.0544	1.0544	0.0000	0.9989	0.9989	0.0000
2024-02-07T12:10:53	2	0	4	4	0	1.0097	1.0096	-0.0001	0.9629	0.9629	0.0000
2024-02-07T12:13:05	1	0	2	2	0	1.0320	1.0319	0.0000	0.9997	0.9997	0.0000
2024-02-07T12:14:24	1	0	43	42	1	1.0501	1.0499	-0.0002	-0.9974	-0.9974	0.0000
2024-02-07T12:16:02	8	0	2	2	0	1.0189	1.0185	-0.0005	0.9018	0.9031	-0.0013
2024-02-07T12:16:39	2	0	1	1	0	1.0311	1.0309	-0.0002	0.9901	0.9901	0.0000
2024-02-07T12:17:12	3	0	4	5	-1	1.0518	1.0478	-0.0040	1	1	0.0000
2024-02-07T12:18:35	1	0	22	19	3	1.0515	1.0506	-0.0009	-0.9915	-0.9916	0.0001
2024-02-07T12:18:48	14	0	4	4	0	0.9425	0.9426	0.0001	0.9999	1	-0.0001
2024-02-07T12:20:43	4	0	89	77	12	1.0619	1.0611	-0.0008	-0.9521	-0.9536	0.0015
2024-02-07T12:20:48	1	0	1	2	-1	0.9423	0.9864	0.0441	-0.9995	-0.9994	-0.0001
2024-02-07T12:21:53	1	0	1	1	0	0.9424	0.9431	0.0007	-1	-1	0.0000
2024-02-07T12:31:11	3	0	4	5	-1	1.0328	1.0329	0.0001	0.9644	0.9654	-0.0010
2024-02-07T12:40:13	2	0	8	8	0	1.0502	1.0500	-0.0002	0.9978	0.9993	-0.0015
2024-02-07T12:42:41	1	0	80	80	0	1.0819	1.0814	-0.0005	-0.9992	-0.9993	0.0001
2024-02-07T12:42:50	3	0	28	28	0	1.0510	1.0508	-0.0002	0.9983	0.9983	0.0000
2024-02-07T12:50:00	8	0	6	8	-2	1.0498	1.0501	0.0003	0.9798	0.9801	-0.0003
2024-02-07T12:54:01	1	0	1	0	1	1.0558	null	null	-0.9997	-0.9997	0.0000
2024-02-07T12:55:44	4	0	2	4	-2	1.0480	1.0525	0.0045	0.9967	0.9968	-0.0001
2024-02-07T12:57:55	1	0	31	30	1	1.0520	1.0518	-0.0002	0.9983	0.9984	-0.0001
2024-02-07T13:01:04	1	0	27	26	1	1.0509	1.0506	-0.0002	0.9561	0.956	0.0001
2024-02-07T13:02:28	2	0	2	2	0	1.0433	1.0429	-0.0004	0.976	0.976	0.0000
2024-02-07T13:05:51	1	0	4	4	0	1.0111	1.0108	-0.0003	-0.9991	-0.9991	0.0000
2024-02-07T13:08:21	1	0	8	9	-1	1.0469	1.0479	0.0010	1	1	0.0000
2024-02-07T13:28:03	1	0	29	29	0	1.0508	1.0507	-0.0001	0.9986	0.9986	0.0000
2024-02-07T13:32:30	2	0	2	3	-1	1.0431	1.0370	-0.0061	0.9749	0.9751	-0.0002
2024-02-07T13:33:40	2	0	25	22	3	1.0519	1.0517	-0.0001	-0.9928	-0.9931	0.0003
2024-02-07T13:35:14	2	0	12	10	2	1.0568	1.0571	0.0002	-0.7921	-0.7916	-0.0005
2024-02-07T13:42:45	1	0	80	80	0	1.0864	1.0860	-0.0004	1	-0.9997	-0.0003
2024-02-07T13:43:07	1	0	35	35	0	1.0520	1.0520	-0.0001	0.9989	0.999	-0.0001
2024-02-07T13:45:06	1	0	15	14	1	1.0542	1.0539	-0.0002	0.9893	0.9893	0.0000
2024-02-07T13:48:41	1	0	25	24	1	1.0521	1.0527	0.0005	-0.9919	-0.9921	0.0002
2024-02-07T13:48:48	1	0	83	80	3	1.0549	1.0548	0.0000	0.9945	0.9946	-0.0001
2024-02-07T13:50:06	3	0	17	17	0	1.0487	1.0485	-0.0002	0.979	0.979	0.0000
2024-02-07T13:50:15	2	0	14	13	1	1.0553	1.0551	-0.0002	-0.7853	-0.7858	0.0005
2024-02-07T13:50:54	1	0	1	2	-1	1.0328	1.0339	0.0011	-0.9989	-0.9988	-0.0001
2024-02-07T13:56:00	1	0	6	6	0	1.0032	1.0031	-0.0001	0.9613	0.9612	0.0001
2024-02-07T13:58:12	1	0	51	48	3	1.0540	1.0538	-0.0002	0.9988	0.9989	-0.0001
2024-02-07T14:01:08	1	0	27	27	0	1.0511	1.0510	0.0000	0.9671	0.9669	0.0002
2024-02-07T14:01:11	1	0	57	54	3	1.0570	1.0578	0.0008	0.9489	0.9507	-0.0018
2024-02-07T14:01:17	2	0	6	6	0	1.0352	1.0350	-0.0002	0.9622	0.9619	0.0003
2024-02-07T14:02:19	1	0	9	9	0	1.0413	1.0413	0.0000	0.9989	0.9989	0.0000
2024-02-07T14:02:32	2	0	5	5	0	1.0368	1.0367	-0.0001	0.9778	0.9779	-0.0001
2024-02-07T14:02:59	1	0	49	48	1	1.0547	1.0547	0.0000	0.9998	0.9998	0.0000
2024-02-07T14:03:21	4	0	2	3	-1	0.9524	0.9498	-0.0026	0.9522	0.9522	0.0000
2024-02-07T14:03:42	2	0	23	21	2	1.0513	1.0503	-0.0010	-0.9892	-0.9922	0.0030
2024-02-07T14:03:57	1	0	6	6	0	0.9798	0.9802	0.0004	0.9999	0.9999	0.0000
2024-02-07T14:04:30	1	0	1	1	0	1.0421	1.0421	0.0000	-0.9987	-0.9987	0.0000
2024-02-07T14:05:16	5	0	21	20	1	1.0539	1.0536	-0.0003	-0.7729	-0.773	0.0001
2024-02-07T14:05:23	2	0	39	35	4	1.0563	1.0562	-0.0002	0.9899	0.9888	0.0011
2024-02-07T14:06:48	4	0	4	4	0	1.0517	1.0517	0.0000	-0.9965	-0.9965	0.0000
2024-02-07T14:08:17	5	0	6	8	-2	1.0384	1.0379	-0.0005	0.9994	0.9995	-0.0001
2024-02-07T14:09:31	1	0	135	137	-2	1.0587	1.0587	0.0000	0.9617	0.9617	0.0000
2024-02-07T14:10:49	3	0	1	1	0	1.0591	1.0586	-0.0005	0.9941	0.994	0.0001
2024-02-07T14:11:01	3	0	8	8	0	0.9802	0.9801	-0.0001	0.9518	0.9476	0.0042
2024-02-07T14:11:52	1	0	1	1	0	1.0569	1.0567	-0.0002	0.9998	0.9998	0.0000
2024-02-07T14:12:32	1	0	4	4	0	1.0262	1.0262	0.0000	0.9685	0.9684	0.0001
2024-02-07T14:12:45	3	0	18	16	2	1.0486	1.0476	-0.0010	-0.9997	-0.9997	0.0000
2024-02-07T14:13:54	3	0	4	3	1	1.0418	1.0403	-0.0015	-0.9898	-0.99	0.0002
2024-02-07T14:15:06	7	0	4	4	0	1.0173	1.0170	-0.0003	0.9952	0.9951	0.0001
2024-02-07T14:15:10	1	0	12	12	0	1.0525	1.0525	-0.0001	0.9879	0.9878	0.0001
2024-02-07T14:15:54	3	0	3	3	0	1.0519	1.0519	-0.0001	0.9956	0.9955	0.0001
2024-02-07T14:16:09	1	0	27	27	0	1.0515	1.0515	0.0000	0.9753	0.9752	0.0001
2024-02-07T14:16:18	2	0	5	5	0	1.0327	1.0326	-0.0001	0.9621	0.9619	0.0002
2024-02-07T14:16:47	3	0	4	4	0	1.0381	1.0379	-0.0002	0.9922	0.9919	0.0003
2024-02-07T14:18:43	2	0	25	23	2	1.0527	1.0525	-0.0002	-0.9909	-0.9936	0.0027
2024-02-07T14:19:09	2	0	5	5	0	1.0514	1.0512	-0.0001	0.9945	0.9943	0.0002
2024-02-07T14:19:38	1	0	1	1	0	1.0340	1.0339	-0.0001	-0.9841	-0.984	-0.0001
2024-02-07T14:19:44	3	0	15	15	0	1.0539	1.0538	-0.0001	0.9972	0.9972	0.0000
2024-02-07T14:20:08	10	0	17	16	1	1.0483	1.0481	-0.0002	0.9812	0.9804	0.0008
2024-02-07T14:20:11	4	0	51	41	10	0.9492	0.9517	0.0025	0.9681	0.9698	-0.0017
2024-02-07T14:20:11	3	0	35	26	9	0.9335	0.9365	0.0031	0.9947	0.9948	-0.0001
2024-02-07T14:20:17	4	0	19	15	4	1.0535	1.0529	-0.0006	-0.8015	-0.8013	-0.0002
2024-02-07T14:20:25	2	0	25	23	2	1.0549	1.0545	-0.0004	0.9965	0.9958	0.0007
2024-02-07T14:20:33	8	0	39	36	3	1.0513	1.0510	-0.0003	-0.994	-0.9943	0.0003
2024-02-07T14:20:57	1	0	1	1	0	1.0323	1.0321	-0.0002	-0.9978	-0.9977	-0.0001
2024-02-07T14:21:07	4	0	2	2	0	1.0679	1.0678	-0.0001	0.8694	0.8688	0.0006

2024-02-07T14:21:29	2	0	1	1	0	1.0401	1.0401	0.0000	0.9962	0.9962	0.0000
2024-02-07T14:23:18	6	0	14	14	0	1.0364	1.0364	-0.0001	0.9995	0.9995	0.0000
2024-02-07T14:24:34	1	0	26	25	1	1.0561	1.0561	0.0000	-0.9749	-0.9754	0.0005
2024-02-07T14:25:57	3	0	1	0	1	1.0242	null	null	-0.9838	-0.9841	0.0003
2024-02-07T14:25:59	4	0	1	1	0	1.0571	1.0568	-0.0003	0.9939	0.9938	0.0001
2024-02-07T14:26:02	2	0	4	4	0	1.0008	1.0008	-0.0001	0.9574	0.9531	0.0043
2024-02-07T14:27:22	1	0	4	4	0	1.0463	1.0463	0.0000	0.9877	0.9878	-0.0001
2024-02-07T14:27:33	1	0	4	4	0	1.0242	1.0241	0.0000	0.9683	0.9683	0.0000
2024-02-07T14:28:56	3	0	2	2	0	1.0275	1.0269	-0.0007	-0.9904	-0.9906	0.0002
2024-02-07T14:29:06	3	0	203	191	12	1.0577	1.0575	-0.0002	0.999	0.999	0.0000
2024-02-07T14:29:21	1	0	5	5	0	1.0240	1.0239	-0.0001	0.9945	0.9945	0.0000
2024-02-07T14:29:33	1	0	34	34	0	1.0489	1.0489	0.0000	-0.9945	-0.9946	0.0001
2024-02-07T14:30:07	10	0	3	3	0	1.0110	1.0103	-0.0007	0.9965	0.9962	0.0003
2024-02-07T14:30:11	1	0	12	12	0	1.0527	1.0527	0.0000	0.9895	0.9895	0.0000
2024-02-07T14:31:10	1	0	27	27	0	1.0523	1.0523	0.0000	0.9781	0.978	0.0001
2024-02-07T14:31:20	3	0	3	3	0	1.0256	1.0254	-0.0002	0.9625	0.962	0.0005
2024-02-07T14:32:08	2	0	29	27	2	1.0483	1.0486	0.0002	-0.9992	-0.9992	0.0000
2024-02-07T14:32:25	1	0	1	0	1	1.0397	null	null	0.9971	0.9971	0.0000
2024-02-07T14:32:34	1	0	5	5	0	1.0367	1.0367	0.0000	0.9769	0.977	-0.0001
2024-02-07T14:32:57	13	0	59	58	1	1.0552	1.0545	-0.0007	-0.9995	-0.9996	0.0001
2024-02-07T14:33:09	1	0	63	63	0	1.0556	1.0554	-0.0002	0.9997	0.9997	0.0000
2024-02-07T14:33:44	3	0	32	28	4	1.0545	1.0526	-0.0019	-0.9954	-0.9959	0.0005
2024-02-07T14:33:46	5	0	3	3	0	0.9943	0.9926	-0.0017	0.9399	0.9402	-0.0003
2024-02-07T14:34:12	7	0	103	105	-2	1.0553	1.0554	0.0000	0.9974	0.9973	0.0001
2024-02-07T14:34:15	2	0	5	5	0	1.0523	1.0522	-0.0001	0.9944	0.9941	0.0003
2024-02-07T14:34:25	3	0	43	40	3	1.0492	1.0492	0.0000	0.9855	0.9852	0.0003
2024-02-07T14:34:32	1	0	2	2	0	1.0353	1.0350	-0.0002	-0.9991	-0.9991	0.0000
2024-02-07T14:34:52	3	0	18	18	0	1.0536	1.0535	-0.0002	0.9977	0.9976	0.0001
2024-02-07T14:35:09	9	0	15	14	1	1.0482	1.0483	0.0001	0.9811	0.9809	0.0002
2024-02-07T14:35:22	4	0	9	9	0	1.0506	1.0504	-0.0003	0.9999	0.9998	0.0001
2024-02-07T14:35:29	2	0	89	79	10	1.0569	1.0567	-0.0003	0.996	0.995	0.0010
2024-02-07T14:35:58	1	0	1	1	0	1.0325	1.0324	-0.0001	-0.9983	-0.9982	-0.0001
2024-02-07T14:36:13	3	0	2	2	0	1.0678	1.0674	-0.0004	0.9425	0.9387	0.0038
2024-02-07T14:36:40	1	0	7	7	0	1.0433	1.0432	-0.0001	0.9914	0.9914	0.0000
2024-02-07T14:37:57	1	0	35	34	1	1.0531	1.0530	-0.0001	0.9724	0.9724	0.0000
2024-02-07T14:38:19	5	0	23	23	0	1.0384	1.0384	0.0000	0.9998	0.9998	0.0000
2024-02-07T14:39:35	1	0	15	15	0	1.0551	1.0551	0.0000	-0.9872	-0.9873	0.0001
2024-02-07T14:40:48	2	0	1	1	0	1.0105	1.0099	-0.0006	0.9888	0.9888	0.0000
2024-02-07T14:40:58	3	0	1	1	0	1.0226	1.0126	-0.0100	-0.986	-0.9873	0.0013
2024-02-07T14:40:59	4	0	1	1	0	1.0556	1.0555	-0.0001	0.9945	0.9944	0.0001
2024-02-07T14:43:19	1	0	104	102	2	1.0555	1.0554	-0.0001	0.9986	0.9987	-0.0001
2024-02-07T14:43:57	2	0	2	2	0	1.0315	1.0313	-0.0003	-0.9904	-0.9904	0.0000
2024-02-07T14:44:11	1	0	6	6	0	1.0251	1.0249	-0.0001	-0.9999	-0.9999	0.0000
2024-02-07T14:44:16	2	0	103	100	3	1.0539	1.0538	-0.0001	0.9988	0.9988	0.0000
2024-02-07T14:44:28	1	0	3	3	0	1.0170	1.0168	-0.0002	0.9943	0.9943	0.0000
2024-02-07T14:44:34	1	0	26	26	0	1.0485	1.0484	0.0000	-0.9953	-0.9954	0.0001
2024-02-07T14:45:12	1	0	10	10	0	1.0514	1.0514	0.0000	0.9899	0.9898	0.0001
2024-02-07T14:45:56	3	0	5	5	0	1.0373	1.0374	0.0001	0.9953	0.9953	0.0000
2024-02-07T14:48:26	1	0	5	5	0	1.0387	1.0386	-0.0001	-0.9999	-0.9998	-0.0001
2024-02-07T14:48:45	1	0	27	25	2	1.0529	1.0518	-0.0012	-0.992	-0.9924	0.0004
2024-02-07T14:48:47	1	0	1	1	0	1.0575	1.0574	-0.0001	0.9452	0.9452	0.0000
2024-02-07T14:49:00	1	0	2	2	0	1.0344	1.0342	-0.0003	0.9766	0.9765	0.0001
2024-02-07T14:49:06	8	0	2	2	0	1.0377	1.0356	-0.0021	0.9993	0.9991	0.0002
2024-02-07T14:50:30	4	0	2	2	0	1.0374	1.0369	-0.0006	0.9933	0.9934	-0.0001
2024-02-07T14:50:32	1	0	41	36	5	1.0563	1.0560	-0.0003	0.9971	0.9963	0.0008
2024-02-07T14:50:53	4	0	46	44	2	1.0578	1.0572	-0.0005	-0.9381	-0.939	0.0009
2024-02-07T14:52:57	1	0	31	28	3	1.0518	1.0517	-0.0002	0.973	0.9729	0.0001
2024-02-07T14:53:47	1	0	300	299	1	1.0561	1.0560	0.0000	0.9883	0.9883	0.0000
2024-02-07T14:55:18	2	0	1	1	0	1.0068	1.0050	-0.0018	-0.9993	-0.9993	0.0000
2024-02-07T14:56:04	3	0	10	10	0	1.0095	1.0094	-0.0002	0.9578	0.962	-0.0042
2024-02-07T14:56:55	1	0	1	0	1	1.0553	null	null	0.9979	0.9979	0.0000
2024-02-07T14:56:58	1	0	2	1	1	1.0471	1.0371	-0.0100	0.9883	0.9881	0.0002
2024-02-07T14:58:24	1	0	72	67	5	1.0548	1.0547	-0.0001	0.9989	0.999	-0.0001
2024-02-07T15:01:18	8	0	4	4	0	1.0249	1.0239	-0.0010	0.9791	0.928	0.0511
2024-02-07T15:01:22	2	0	4	4	0	1.0290	1.0288	-0.0002	0.9565	0.9558	0.0007
2024-02-07T15:02:18	1	0	48	47	1	1.0497	1.0497	0.0000	-0.9974	-0.9975	0.0001
2024-02-07T15:02:23	2	0	5	5	0	1.0482	1.0481	-0.0001	0.9992	0.9992	0.0000
2024-02-07T15:02:32	2	0	2	2	0	1.0395	1.0391	-0.0004	0.9978	0.9977	0.0001
2024-02-07T15:02:36	2	0	6	7	-1	1.0358	1.0227	-0.0131	0.9776	0.9776	0.0000
2024-02-07T15:03:46	1	0	27	24	3	1.0517	1.0507	-0.0010	-0.9912	-0.9917	0.0005
2024-02-07T15:03:48	3	0	3	3	0	0.9908	0.9908	0.0000	0.9415	0.9417	-0.0002
2024-02-07T15:05:14	1	0	14	14	0	1.0483	1.0483	0.0000	0.9787	0.9787	0.0000
2024-02-07T15:05:31	2	0	2	2	0	1.0409	1.0407	-0.0002	0.9936	0.9938	-0.0002
2024-02-07T15:05:35	1	0	44	42	2	1.0567	1.0564	-0.0003	0.9953	0.9945	0.0008
2024-02-07T15:05:42	2	0	20	20	0	1.0512	1.0512	0.0000	-1	-1	0.0000
2024-02-07T15:06:42	1	0	6	6	0	1.0404	1.0404	-0.0001	0.9911	0.991	0.0001
2024-02-07T15:06:52	2	0	6	6	0	1.0465	1.0464	-0.0001	-0.9989	-0.999	0.0001
2024-02-07T15:08:01	1	0	35	33	2	1.0525	1.0522	-0.0002	0.9721	0.9721	0.0000
2024-02-07T15:11:05	1	0	25	25	0	0.9619	0.9620	0.0001	0.9546	0.9511	0.0035
2024-02-07T15:13:40	1	0	2	2	0	1.0308	1.0305	-0.0003	0.9876	0.9875	0.0001
2024-02-07T15:14:26	2	0	32	32	0	1.0483	1.0481	-0.0001	0.9999	0.9998	0.0001
2024-02-07T15:16:15	1	0	109	107	2	1.0520	1.0519	-0.0001	0.9985	0.9985	0.0000
2024-02-07T15:17:26	4	0	56	54	2	1.0502	1.0501	-0.0001	-0.9976	-0.9976	0.0000
2024-02-07T15:18:47	1	0	32	27	5	1.0525	1.0521	-0.0004	-0.9917	-0.9921	0.0004
2024-02-07T15:20:21	2	0	2	2	0	1.0457	1.0457	-0.0001	-0.784	-0.7837	-0.0003

2024-02-07T15:20:38	1	0	117	104	13	1.0582	1.0578	-0.0004	0.9977	0.9975	0.0002
2024-02-07T15:20:41	2	0	27	27	0	1.0528	1.0527	0.0000	0.9999	0.9999	0.0000
2024-02-07T15:21:53	2	0	6	6	0	1.0411	1.0410	-0.0001	-0.9954	-0.9955	0.0001
2024-02-07T15:22:46	1	0	8	8	0	1.0494	1.0493	0.0000	0.9989	0.9989	0.0000
2024-02-07T15:25:34	1	0	6	6	0	1.0387	1.0387	-0.0001	-0.9969	-0.997	0.0001
2024-02-07T15:26:06	1	0	6	6	0	1.0079	1.0074	-0.0004	0.9491	0.9441	0.0050
2024-02-07T15:26:24	1	0	6	7	-1	1.0400	1.0423	0.0023	0.9971	0.9971	0.0000
2024-02-07T15:27:52	1	0	79	79	0	1.0634	1.0626	-0.0008	0.999	0.9998	-0.0008
2024-02-07T15:28:18	1	0	2	2	0	0.9859	0.9860	0.0001	0.9978	0.9979	-0.0001
2024-02-07T15:29:37	1	0	30	30	0	1.0476	1.0476	0.0000	-0.9936	-0.9936	0.0000
2024-02-07T15:30:11	3	0	2	2	0	1.0132	1.0130	-0.0002	1	0.9999	0.0001
2024-02-07T15:33:48	1	0	38	30	8	1.0529	1.0526	-0.0004	-0.9906	-0.991	0.0004
2024-02-07T15:34:34	1	0	1	1	0	1.0196	1.0191	-0.0005	-0.9986	-0.9986	0.0000
2024-02-07T15:35:40	2	0	1	1	0	0.9427	0.9430	0.0003	0.9967	0.9967	0.0000
2024-02-07T15:35:40	1	0	50	47	3	1.0571	1.0569	-0.0002	0.9958	0.9951	0.0007
2024-02-07T15:37:07	2	0	2	2	0	1.0259	1.0252	-0.0008	-0.9565	-0.9551	-0.0014
2024-02-07T15:39:37	4	0	194	193	1	1.0617	1.0616	-0.0001	0.9633	0.9631	0.0002
2024-02-07T15:42:38	1	0	4	4	0	1.0135	1.0135	0.0000	0.9713	0.9713	0.0000
2024-02-07T15:46:23	1	0	6	6	0	1.0389	1.0389	0.0000	0.9098	0.9382	-0.0284
2024-02-07T15:47:26	1	0	11	11	0	1.0364	1.0363	0.0000	0.9965	0.9965	0.0000
2024-02-07T15:48:49	1	0	24	23	1	1.0503	1.0494	-0.0009	-0.9934	-0.9937	0.0003
2024-02-07T15:50:41	1	0	49	48	1	1.0577	1.0574	-0.0002	0.9983	0.998	0.0003
2024-02-07T15:50:42	2	0	4	4	0	1.0088	1.0088	-0.0001	0.8702	0.8556	0.0146
2024-02-07T16:03:50	1	0	22	20	2	1.0501	1.0498	-0.0003	-0.9914	-0.9917	0.0003
2024-02-07T16:07:09	2	0	1	1	0	1.0294	1.0287	-0.0007	0.987	0.9868	0.0002
2024-02-07T16:08:52	1	0	338	339	-1	1.0566	1.0566	0.0000	0.9887	0.9887	0.0000
2024-02-07T16:11:04	3	0	1	2	-1	1.0243	1.0202	-0.0041	-0.9786	-0.9776	-0.0010
2024-02-07T16:15:18	1	0	75	72	3	1.0571	1.0571	0.0000	0.9788	0.9787	0.0001
2024-02-07T16:20:47	1	0	11	11	0	1.0446	1.0446	0.0000	1	1	0.0000
2024-02-07T16:26:10	1	0	497	499	-2	0.8726	0.8729	0.0004	0.9215	0.9216	-0.0001
2024-02-07T16:33:52	1	0	15	15	0	1.0478	1.0476	-0.0002	-0.996	-0.9961	0.0001
2024-02-07T16:48:53	1	0	14	14	0	1.0472	1.0471	-0.0002	-0.9957	-0.9957	0.0000
2024-02-07T17:03:54	1	0	7	7	0	1.0463	1.0461	-0.0002	-0.9967	-0.9967	0.0000
2024-02-07T17:11:08	1	0	55	55	0	0.9399	0.9401	0.0002	-0.9858	-0.9852	-0.0006
2024-02-07T17:34:49	1	0	3	1	2	0.9445	0.9450	0.0005	0.9927	0.9929	-0.0002
2024-02-07T18:05:04	1	0	67	65	2	0.9630	0.9631	0.0001	0.9922	0.9923	-0.0001
2024-02-08T07:50:10	2	0	29	29	0	0.9420	0.9421	0.0001	-0.9486	-0.9472	-0.0014
2024-02-08T07:51:45	1	0	114	114	0	0.9117	0.9118	0.0001	0.9827	0.9801	0.0026
2024-02-08T07:57:47	2	0	155	155	0	0.9228	0.9228	0.0001	0.9621	0.9621	0.0000
2024-02-08T07:59:47	2	0	93	91	2	1.0476	1.0475	-0.0001	0.9996	0.9996	0.0000
2024-02-08T08:06:46	1	0	100	100	0	0.9153	0.9154	0.0001	0.984	0.984	0.0000
2024-02-08T08:10:31	1	0	104	104	0	0.9267	0.9268	0.0000	-0.9974	-0.9971	-0.0003
2024-02-08T08:11:01	1	0	18	16	2	0.9871	0.9916	0.0044	0.9991	0.9991	0.0000
2024-02-08T08:14:15	4	0	44	43	1	1.0542	1.0541	-0.0001	0.999	0.9991	-0.0001
2024-02-08T08:18:11	1	0	58	53	5	0.9655	0.9657	0.0002	0.991	0.9911	-0.0001
2024-02-08T08:29:49	3	0	153	153	0	0.9825	0.9828	0.0003	0.9977	0.9977	0.0000
2024-02-08T08:58:35	1	0	1	1	0	1.0343	1.0340	-0.0003	-0.994	-0.994	0.0000
2024-02-08T08:59:54	2	0	96	96	0	1.0648	1.0648	0.0000	0.9978	0.9978	0.0000
2024-02-08T09:03:14	1	0	23	17	6	0.9803	0.9808	0.0004	0.991	0.9911	-0.0001
2024-02-08T09:03:16	1	0	3	3	0	1.0337	1.0336	0.0000	0.9748	0.9755	-0.0007
2024-02-08T09:05:18	2	0	29	29	0	1.0550	1.0548	-0.0001	0.9995	0.9995	0.0000
2024-02-08T09:06:20	1	0	6	6	0	0.9899	0.9899	0.0001	0.9963	0.9963	0.0000
2024-02-08T09:06:50	2	0	84	84	0	0.9396	0.9397	0.0001	0.9828	0.9825	0.0003
2024-02-08T09:08:02	7	0	365	359	6	1.0611	1.0610	0.0000	-0.9706	-0.9706	0.0000
2024-02-08T09:09:16	2	0	10	10	0	1.0501	1.0500	-0.0001	0.9971	0.997	0.0001
2024-02-08T09:14:32	1	0	59	59	0	1.0478	1.0478	0.0000	-0.9989	-0.9989	0.0000
2024-02-08T09:15:07	3	0	4	4	0	1.0090	1.0084	-0.0006	0.9971	0.997	0.0001
2024-02-08T09:17:13	2	0	5	5	0	1.0301	1.0299	-0.0002	0.9775	0.9774	0.0001
2024-02-08T09:20:08	2	0	2	2	0	1.0389	1.0385	-0.0004	-0.9993	-0.9993	0.0000
2024-02-08T09:20:14	1	0	5	5	0	1.0207	1.0202	-0.0005	0.8648	0.8645	0.0003
2024-02-08T09:20:17	2	0	1	1	0	0.9432	0.9440	0.0008	-0.992	-0.9917	-0.0003
2024-02-08T09:20:39	1	0	3	3	0	1.0042	1.0040	-0.0002	-0.9976	-0.9975	-0.0001
2024-02-08T09:24:38	1	0	13	8	5	0.9431	0.9433	0.0001	0.9983	0.9984	-0.0001
2024-02-08T09:28:12	1	0	2	2	0	1.0235	1.0232	-0.0002	0.9969	0.9969	0.0000
2024-02-08T09:28:37	1	0	2	2	0	1.0264	1.0253	-0.0011	-0.9938	-0.9938	0.0000
2024-02-08T09:28:56	1	0	3	3	0	1.0433	1.0432	-0.0001	-0.9958	-0.9958	0.0000
2024-02-08T09:30:56	7	0	7	7	0	1.0203	1.0201	-0.0002	0.996	0.9959	0.0001
2024-02-08T09:31:44	1	0	1	1	0	1.0398	1.0393	-0.0005	0.999	0.999	0.0000
2024-02-08T09:32:17	5	0	107	105	2	1.0547	1.0547	0.0000	0.9812	0.9812	0.0000
2024-02-08T09:33:35	3	0	12	12	0	1.0473	1.0470	-0.0004	-0.9926	-0.9927	0.0001
2024-02-08T09:33:35	1	0	19	19	0	1.0563	1.0563	0.0001	0.999	0.999	0.0000
2024-02-08T09:35:20	10	0	87	72	15	1.0600	1.0594	-0.0006	0.9999	0.9998	0.0001
2024-02-08T09:38:01	1	0	15	15	0	1.0335	1.0335	0.0000	0.9992	0.9993	-0.0001
2024-02-08T09:42:33	1	0	25	25	0	1.0476	1.0476	0.0000	0.998	0.998	0.0000
2024-02-08T09:43:57	2	0	4	4	0	1.0446	1.0445	-0.0002	-0.9954	-0.9955	0.0001
2024-02-08T09:44:57	1	0	116	114	2	1.0734	1.0732	-0.0002	0.9984	0.9984	0.0000
2024-02-08T09:45:38	2	0	2	2	0	1.0091	1.0097	0.0006	0.9937	0.9938	-0.0001
2024-02-08T09:45:48	1	0	14	14	0	1.0487	1.0487	0.0000	0.9916	0.9915	0.0001
2024-02-08T09:45:57	1	0	7	7	0	1.0195	1.0195	-0.0001	0.9958	0.9958	0.0000
2024-02-08T09:46:58	2	0	11	11	0	1.0426	1.0425	-0.0001	0.9937	0.9936	0.0001
2024-02-08T09:48:36	1	0	64	64	0	0.9293	0.9300	0.0007	1	0.9999	0.0001
2024-02-08T09:48:41	2	0	28	27	1	1.0539	1.0538	-0.0002	0.9986	0.9986	0.0000
2024-02-08T09:48:54	1	0	13	13	0	1.0482	1.0481	-0.0001	0.9937	0.9937	0.0000
2024-02-08T09:49:35	1	0	6	6	0	1.0460	1.0459	-0.0001	0.9824	0.9817	0.0007
2024-02-08T09:49:46	1	0	13	13	0	1.0505	1.0505	0.0000	0.9721	0.9716	0.0005

2024-02-08T09:50:16	1	0	12	12	0	1.0435	1.0433	-0.0002	0.8703	0.8701	0.0002
2024-02-08T09:51:23	1	0	5	5	0	0.9841	0.9840	-0.0001	0.9969	0.9968	0.0001
2024-02-08T09:51:45	1	0	1	1	0	0.9429	0.9439	0.0010	-0.9997	-0.9996	-0.0001
2024-02-08T09:53:09	1	0	21	20	1	1.0506	1.0504	-0.0002	-0.9996	-0.9996	0.0000
2024-02-08T09:55:31	2	0	2	2	0	1.0152	1.0146	-0.0006	0.9703	0.9698	0.0005
2024-02-08T09:56:42	3	0	20	19	1	1.0551	1.0550	-0.0001	1	1	0.0000
2024-02-08T09:58:17	2	0	2	2	0	1.0061	1.0058	-0.0004	-0.9884	-0.9871	-0.0013
2024-02-08T09:58:58	1	0	6	6	0	1.0462	1.0460	-0.0002	-0.9937	-0.9938	0.0001
2024-02-08T09:59:09	1	0	53	51	2	1.0524	1.0523	-0.0001	0.9932	0.9933	-0.0001
2024-02-08T09:59:22	3	0	13	11	2	1.0496	1.0493	-0.0003	0.9995	0.9994	0.0001
2024-02-08T10:00:10	1	0	53	52	1	1.0495	1.0494	-0.0001	0.9919	0.9919	0.0000
2024-02-08T10:00:10	4	0	1	1	0	1.0093	1.0080	-0.0013	0.9968	0.9966	0.0002
2024-02-08T10:00:41	8	0	3	3	0	1.0120	1.0118	-0.0003	0.9574	0.9308	0.0266
2024-02-08T10:02:08	5	0	5	5	0	1.0424	1.0417	-0.0007	0.998	0.9979	0.0001
2024-02-08T10:02:48	1	0	35	34	1	0.9534	0.9540	0.0006	0.9357	0.9357	0.0000
2024-02-08T10:03:28	3	0	1	0	1	0.9723	null	null	0.9498	0.95	-0.0002
2024-02-08T10:03:46	1	0	39	38	1	1.0565	1.0565	-0.0001	0.999	0.999	0.0000
2024-02-08T10:03:55	2	0	6	6	0	1.0445	1.0441	-0.0004	0.9947	0.9947	0.0000
2024-02-08T10:04:54	3	0	4	4	0	1.0287	1.0284	-0.0004	0.9759	0.9758	0.0001
2024-02-08T10:05:22	5	0	35	32	3	1.0528	1.0525	-0.0003	1	1	0.0000
2024-02-08T10:05:36	1	0	69	59	10	1.0582	1.0576	-0.0006	-0.9774	-0.9786	0.0012
2024-02-08T10:06:32	3	0	1	0	1	1.0273	null	null	0.8392	0.8385	0.0007
2024-02-08T10:07:41	1	0	22	22	0	1.0506	1.0505	-0.0001	0.9724	0.9721	0.0003
2024-02-08T10:08:06	2	0	242	238	4	1.0590	1.0590	0.0000	-0.9656	-0.9655	-0.0001
2024-02-08T10:10:06	2	0	8	8	0	1.0474	1.0473	-0.0001	0.9995	0.9995	0.0000
2024-02-08T10:10:42	1	0	81	81	0	0.9392	0.9392	0.0000	0.9479	0.948	-0.0001
2024-02-08T10:12:23	2	0	1	1	0	0.9908	0.9913	0.0005	-0.9974	-0.9973	-0.0001
2024-02-08T10:13:36	1	0	33	32	1	1.0510	1.0509	-0.0001	0.9984	0.9984	0.0000
2024-02-08T10:13:37	1	0	3	3	0	0.9963	0.9962	-0.0001	0.9945	0.9944	0.0001
2024-02-08T10:14:18	1	0	15	14	1	1.0466	1.0466	0.0000	-0.9994	-0.9995	0.0001
2024-02-08T10:15:31	3	0	29	29	0	1.0499	1.0498	-0.0001	0.9972	0.9971	0.0001
2024-02-08T10:15:56	1	0	26	26	0	1.0510	1.0509	-0.0001	0.9629	0.9625	0.0004
2024-02-08T10:15:59	1	0	1	1	0	1.0125	1.0120	-0.0005	0.9865	0.9864	0.0001
2024-02-08T10:16:25	3	0	1	1	0	1.0269	1.0259	-0.0010	0.9879	0.9875	0.0004
2024-02-08T10:17:09	2	0	3	3	0	1.0341	1.0336	-0.0005	0.9988	0.9987	0.0001
2024-02-08T10:20:37	3	0	70	57	13	1.0597	1.0585	-0.0011	-0.9658	-0.9678	0.0020
2024-02-08T10:23:07	3	0	192	191	1	1.0585	1.0584	0.0000	-0.9631	-0.963	-0.0001
2024-02-08T10:24:21	1	0	210	210	0	1.0608	1.0609	0.0001	0.9802	0.9796	0.0006
2024-02-08T10:27:10	1	0	6	6	0	1.0475	1.0475	0.0000	0.9916	0.9916	0.0000
2024-02-08T10:27:24	2	0	1	1	0	0.9913	0.9918	0.0005	-0.9971	-0.997	-0.0001
2024-02-08T10:27:36	2	0	83	82	1	1.0550	1.0550	0.0000	0.9984	0.9984	0.0000
2024-02-08T10:29:43	1	0	22	21	1	1.0458	1.0465	0.0007	-0.9981	-0.9981	0.0000
2024-02-08T10:30:12	1	0	38	37	1	1.0498	1.0496	-0.0002	0.9916	0.9916	0.0000
2024-02-08T10:30:13	4	0	8	7	1	1.0426	1.0400	-0.0026	-0.9993	-0.9993	0.0000
2024-02-08T10:31:56	2	0	2	2	0	1.0384	1.0382	-0.0002	0.9994	0.9994	0.0000
2024-02-08T10:32:07	1	0	5	5	0	0.9929	0.9930	0.0002	0.9943	0.9943	0.0000
2024-02-08T10:33:39	7	0	13	12	1	1.0491	1.0482	-0.0008	-0.9913	-0.9917	0.0004
2024-02-08T10:33:57	4	0	22	17	5	1.0509	1.0494	-0.0015	0.9959	0.9959	0.0000
2024-02-08T10:35:05	2	0	9	7	2	1.0561	1.0547	-0.0015	-0.8348	-0.8354	0.0006
2024-02-08T10:35:49	1	0	8	8	0	1.0507	1.0504	-0.0003	-0.4926	-0.5057	0.0131
2024-02-08T10:36:56	2	0	2	2	0	0.9424	0.9427	0.0003	0.9843	0.9846	-0.0003
2024-02-08T10:37:43	1	0	4	4	0	1.0149	1.0147	-0.0002	0.9717	0.9716	0.0001
2024-02-08T10:38:08	2	0	170	169	1	1.0579	1.0579	0.0000	-0.973	-0.973	0.0000
2024-02-08T10:40:23	1	0	13	10	3	1.0485	1.0484	-0.0001	0.9966	0.9965	0.0001
2024-02-08T10:40:37	2	0	1	0	1	1.0069	null	null	1	1	0.0000
2024-02-08T10:40:41	4	0	3	3	0	1.0305	1.0291	-0.0014	-0.9827	-0.9839	0.0012
2024-02-08T10:40:52	1	0	2	2	0	1.0353	1.0350	-0.0003	0.9896	0.9896	0.0000
2024-02-08T10:41:42	1	0	1	1	0	1.0564	1.0555	-0.0009	1	1	0.0000
2024-02-08T10:41:45	3	0	29	28	1	1.0534	1.0531	-0.0003	1	1	0.0000
2024-02-08T10:42:37	2	0	114	107	7	1.0561	1.0557	-0.0004	0.9989	0.9989	0.0000
2024-02-08T10:43:01	1	0	1	1	0	0.9425	0.9433	0.0008	0.9984	0.9985	-0.0001
2024-02-08T10:43:35	2	0	9	9	0	1.0498	1.0497	-0.0002	-0.9931	-0.9932	0.0001
2024-02-08T10:43:38	1	0	51	50	1	1.0517	1.0517	0.0000	0.9988	0.9988	0.0000
2024-02-08T10:44:23	1	0	141	139	2	1.0571	1.0570	-0.0001	0.9927	0.9926	0.0001
2024-02-08T10:44:44	1	0	30	31	-1	1.0469	1.0469	0.0000	-0.998	-0.998	0.0000
2024-02-08T10:44:45	1	0	11	10	1	1.0534	1.0525	-0.0010	0.9818	0.9817	0.0001
2024-02-08T10:45:13	3	0	58	55	3	1.0507	1.0504	-0.0004	0.9912	0.9912	0.0000
2024-02-08T10:46:04	4	0	3	2	1	1.0282	1.0265	-0.0017	0.9626	0.9611	0.0015
2024-02-08T10:46:08	2	0	4	4	0	1.0144	1.0140	-0.0003	0.9865	0.9864	0.0001
2024-02-08T10:47:02	1	0	1	1	0	1.0361	1.0356	-0.0005	0.9999	0.9999	0.0000
2024-02-08T10:47:11	1	0	21	20	1	1.0479	1.0480	0.0001	0.9988	0.9988	0.0000
2024-02-08T10:47:22	7	0	29	28	1	1.0519	1.0517	-0.0002	0.9782	0.9781	0.0001
2024-02-08T10:47:25	1	0	1	0	1	1.0550	null	null	0.958	0.958	0.0000
2024-02-08T10:47:49	1	0	15	14	1	1.0496	1.0498	0.0002	0.9967	0.9967	0.0000
2024-02-08T10:47:51	2	0	42	41	1	0.9561	0.9535	-0.0026	0.9343	0.9332	0.0011
2024-02-08T10:48:32	2	0	17	10	7	1.0478	1.0488	0.0010	-0.9881	-0.9934	0.0053
2024-02-08T10:48:44	1	0	2	2	0	1.0328	1.0325	-0.0003	0.9743	0.9741	0.0002
2024-02-08T10:48:51	1	0	1	1	0	1.0263	1.0260	-0.0003	0.9998	0.9998	0.0000
2024-02-08T10:48:58	2	0	75	74	1	1.0561	1.0561	0.0000	0.996	0.996	0.0000
2024-02-08T10:49:51	1	0	21	19	2	1.0529	1.0524	-0.0005	0.9641	0.9625	0.0016
2024-02-08T10:50:03	1	0	5	5	0	1.0532	1.0531	0.0000	0.9978	0.9977	0.0001
2024-02-08T10:50:20	2	0	5	5	0	1.0142	1.0141	-0.0001	0.8632	0.8483	0.0149
2024-02-08T10:50:25	4	0	28	25	3	1.0525	1.0523	-0.0002	0.9987	0.9987	0.0000
2024-02-08T10:52:44	1	0	24	23	1	1.0516	1.0514	-0.0002	0.9721	0.9721	0.0000
2024-02-08T10:53:09	1	0	157	155	2	1.0573	1.0573	0.0000	-0.9752	-0.9751	-0.0001

2024-02-08T10:53:13	1	0	11	10	1	1.0497	1.0490	-0.0007	0.9999	0.9999	0.0000
2024-02-08T10:53:34	1	0	258	257	1	1.0552	1.0552	0.0000	0.9886	0.9886	0.0000
2024-02-08T10:54:44	2	0	1	0	1	1.0552	null	null	0.9955	0.9921	0.0034
2024-02-08T10:55:31	1	0	13	12	1	1.0495	1.0489	-0.0006	0.9969	0.9969	0.0000
2024-02-08T10:55:45	3	0	3	3	0	1.0223	1.0204	-0.0019	0.9662	0.9736	-0.0074
2024-02-08T10:56:15	1	0	1	1	0	1.0608	1.0605	-0.0003	0.994	0.994	0.0000
2024-02-08T10:56:45	1	0	2	2	0	1.0270	1.0268	-0.0003	0.9829	0.9828	0.0001
2024-02-08T10:59:22	3	0	3	3	0	1.0312	1.0304	-0.0008	0.9984	0.9981	0.0003
2024-02-08T10:59:30	1	0	150	147	3	1.0572	1.0572	-0.0001	0.9931	0.9931	0.0000
2024-02-08T10:59:40	2	0	11	11	0	1.0464	1.0464	0.0000	-0.9993	-0.9993	0.0000
2024-02-08T10:59:45	1	0	19	17	2	1.0478	1.0471	-0.0007	-0.9989	-0.9989	0.0000
2024-02-08T11:00:34	1	0	20	20	0	1.0498	1.0497	-0.0001	0.9867	0.9866	0.0001
2024-02-08T11:01:14	2	0	5	5	0	1.0274	1.0274	0.0000	0.9772	0.9773	-0.0001
2024-02-08T11:02:06	1	0	1	1	0	1.0372	1.0364	-0.0008	0.9998	0.9998	0.0000
2024-02-08T11:02:17	2	0	16	14	2	1.0482	1.0484	0.0002	0.9983	0.9982	0.0001
2024-02-08T11:03:22	1	0	3	3	0	1.0473	1.0471	-0.0002	0.9927	0.9923	0.0004
2024-02-08T11:03:32	2	0	1	1	0	1.0594	1.0574	-0.0020	0.9541	0.9537	0.0004
2024-02-08T11:03:41	1	0	20	19	1	1.0513	1.0513	0.0000	-0.9954	-0.9955	0.0001
2024-02-08T11:03:59	1	0	2	2	0	1.0336	1.0335	-0.0002	-0.9998	-0.9998	0.0000
2024-02-08T11:04:13	1	0	31	30	1	1.0479	1.0477	-0.0002	0.9877	0.9877	0.0000
2024-02-08T11:04:45	10	0	16	10	6	1.0484	1.0485	0.0001	0.977	0.9756	0.0014
2024-02-08T11:04:50	1	0	4	4	0	1.0385	1.0384	-0.0001	0.9565	0.9563	0.0002
2024-02-08T11:04:53	1	0	31	25	6	1.0548	1.0542	-0.0005	0.9627	0.9609	0.0018
2024-02-08T11:05:51	3	0	10	10	0	1.0527	1.0524	-0.0003	-0.0696	-0.07168	0.0021
2024-02-08T11:06:12	1	0	4	4	0	1.0349	1.0347	-0.0001	0.9951	0.9951	0.0000
2024-02-08T11:07:45	1	0	32	31	1	1.0524	1.0522	-0.0002	0.9722	0.9721	0.0001
2024-02-08T11:08:07	6	0	19	18	1	1.0357	1.0350	-0.0007	0.9995	0.9995	0.0000
2024-02-08T11:08:10	9	0	213	201	12	1.0591	1.0592	0.0001	-0.9706	-0.9708	0.0002
2024-02-08T11:09:49	1	0	1	0	1	1.0451	null	null	0.9494	0.9494	0.0000
2024-02-08T11:11:32	2	0	15	13	2	1.0536	1.0530	-0.0005	0.9907	0.9905	0.0002
2024-02-08T11:13:40	1	0	191	184	7	1.0592	1.0590	-0.0002	0.9983	0.9983	0.0000
2024-02-08T11:14:47	4	0	13	12	1	1.0547	1.0546	-0.0001	0.983	0.983	0.0000
2024-02-08T11:15:46	2	0	2	2	0	1.0381	1.0354	-0.0027	0.9032	0.9037	-0.0005
2024-02-08T11:16:06	1	0	2	2	0	1.0214	1.0212	-0.0002	0.9671	0.9667	0.0004
2024-02-08T11:17:09	1	0	9	9	0	1.0411	1.0410	-0.0001	0.9998	0.9998	0.0000
2024-02-08T11:17:53	2	0	42	41	1	0.9577	0.9550	-0.0027	0.9376	0.9376	0.0000
2024-02-08T11:18:34	1	0	20	17	3	1.0499	1.0496	-0.0003	-0.9908	-0.9935	0.0027
2024-02-08T11:18:46	1	0	2	2	0	1.0339	1.0337	-0.0003	0.9772	0.9771	0.0001
2024-02-08T11:18:52	2	0	4	0	4	1.0420	null	null	0.9917	0.9796	0.0121
2024-02-08T11:18:59	1	0	2	2	0	1.0351	1.0351	-0.0001	-0.9986	-0.9986	0.0000
2024-02-08T11:19:00	5	0	47	47	0	1.0529	1.0528	-0.0001	0.9963	0.9962	0.0001
2024-02-08T11:19:55	1	0	31	27	4	1.0548	1.0544	-0.0004	0.9598	0.9579	0.0019
2024-02-08T11:20:08	2	0	20	18	2	1.0536	1.0537	0.0001	-0.7994	-0.8007	0.0013
2024-02-08T11:20:16	1	0	14	13	1	1.0526	1.0522	-0.0004	-0.9996	-0.9996	0.0000
2024-02-08T11:21:40	2	0	2	2	0	1.0602	1.0599	-0.0003	-0.9965	-0.9966	0.0001
2024-02-08T11:22:33	1	0	22	22	0	1.0493	1.0492	-0.0001	0.9962	0.9962	0.0000
2024-02-08T11:23:11	13	0	350	332	18	1.0619	1.0618	-0.0001	-0.9688	-0.9692	0.0004
2024-02-08T11:23:15	3	0	15	13	2	1.0487	1.0481	-0.0006	1	1	0.0000
2024-02-08T11:25:44	2	0	1	2	-1	1.0267	1.0228	-0.0039	-0.986	-0.9849	-0.0011
2024-02-08T11:26:17	1	0	3	3	0	1.0526	1.0523	-0.0003	0.9922	0.9921	0.0001
2024-02-08T11:26:42	1	0	1	1	0	1.0581	1.0576	-0.0005	0.991	0.9906	0.0004
2024-02-08T11:28:04	1	0	3	3	0	1.0227	1.0227	0.0000	0.9964	0.9964	0.0000
2024-02-08T11:28:40	2	0	4	4	0	1.0286	1.0284	-0.0003	0.987	0.9869	0.0001
2024-02-08T11:29:04	1	0	2	2	0	1.0060	1.0058	-0.0001	0.9955	0.9955	0.0000
2024-02-08T11:29:42	1	0	12	11	1	1.0454	1.0454	0.0000	0.9979	0.9979	0.0000
2024-02-08T11:29:56	2	0	28	28	0	1.0485	1.0484	-0.0001	-0.9986	-0.9986	0.0000
2024-02-08T11:30:16	3	0	92	90	2	1.0515	1.0513	-0.0002	0.9907	0.9907	0.0000
2024-02-08T11:30:17	1	0	5	4	1	1.0410	1.0367	-0.0043	0.9961	0.9961	0.0000
2024-02-08T11:30:49	8	0	3	4	-1	1.0375	1.0354	-0.0020	0.9048	0.9043	0.0005
2024-02-08T11:32:11	3	0	6	6	0	1.0331	1.0330	-0.0001	0.9944	0.9943	0.0001
2024-02-08T11:32:22	2	0	1	1	0	1.0290	1.0290	0.0000	0.9736	0.9737	-0.0001
2024-02-08T11:32:25	8	0	38	35	3	1.0522	1.0520	-0.0003	0.9785	0.9785	0.0000
2024-02-08T11:32:28	1	0	1	1	0	1.0610	1.0599	-0.0011	0.95	0.9549	-0.0049
2024-02-08T11:32:54	2	0	5	4	1	1.0366	1.0308	-0.0058	0.9527	0.9525	0.0002
2024-02-08T11:33:26	1	0	3	3	0	1.0431	1.0431	0.0000	0.9638	0.9638	0.0000
2024-02-08T11:33:34	5	0	2	2	0	1.0168	1.0174	0.0006	0.9521	0.9525	-0.0004
2024-02-08T11:33:35	2	0	24	21	3	1.0502	1.0499	-0.0003	-0.9889	-0.9893	0.0004
2024-02-08T11:34:15	1	0	38	37	1	1.0499	1.0497	-0.0002	0.989	0.989	0.0000
2024-02-08T11:34:26	5	0	84	84	0	1.0583	1.0581	-0.0002	0.9989	0.9989	0.0000
2024-02-08T11:34:59	2	0	30	26	4	1.0551	1.0546	-0.0004	0.9629	0.9614	0.0015
2024-02-08T11:35:17	1	0	11	10	1	1.0509	1.0504	-0.0005	-0.9997	-0.9997	0.0000
2024-02-08T11:35:30	5	0	9	8	1	1.0499	1.0487	-0.0012	0.9991	0.999	0.0001
2024-02-08T11:35:42	4	0	3	5	-2	1.0483	1.0493	0.0011	1	1	0.0000
2024-02-08T11:36:01	3	0	11	11	0	1.0541	1.0541	0.0000	0.9992	0.9993	-0.0001
2024-02-08T11:36:41	4	0	4	4	0	1.0479	1.0476	-0.0003	-0.9967	-0.9968	0.0001
2024-02-08T11:37:47	1	0	1	1	0	1.0100	1.0100	0.0000	0.9694	0.9695	-0.0001
2024-02-08T11:38:26	4	0	21	21	0	1.0504	1.0503	0.0000	-0.9999	-0.9999	0.0000
2024-02-08T11:39:47	4	0	1	1	0	1.0600	1.0593	-0.0007	0.9952	0.995	0.0002
2024-02-08T11:40:12	2	0	22	22	0	1.0573	1.0573	0.0000	0.9982	0.9982	0.0000
2024-02-08T11:40:41	1	0	4	4	0	1.0449	1.0449	0.0000	0.997	0.997	0.0000
2024-02-08T11:40:45	4	0	1	2	-1	1.0292	1.0259	-0.0033	-0.9854	-0.9846	-0.0008
2024-02-08T11:44:02	2	0	7	7	0	1.0237	1.0237	-0.0001	-1	-1	0.0000
2024-02-08T11:44:05	4	0	4	5	-1	1.0522	1.0529	0.0007	-0.9902	-0.9899	-0.0003
2024-02-08T11:44:10	1	0	3	3	0	0.9990	0.9990	0.0000	0.997	0.997	0.0000
2024-02-08T11:44:25	10	0	5	6	-1	1.0215	1.0182	-0.0033	0.9969	0.9971	-0.0002

2024-02-08T11:44:29	3	0	33	30	3	1.0548	1.0543	-0.0005	0.9999	0.9996	0.0003
2024-02-08T11:44:47	1	0	20	20	0	1.0495	1.0495	0.0000	0.9918	0.9919	-0.0001
2024-02-08T11:45:17	1	0	126	125	1	1.0522	1.0522	-0.0001	0.9903	0.9903	0.0000
2024-02-08T11:45:46	3	0	5	5	0	1.0503	1.0503	0.0000	0.9946	0.9946	0.0000
2024-02-08T11:46:17	2	0	3	3	0	1.0595	1.0594	-0.0001	0.9705	0.9705	0.0000
2024-02-08T11:47:11	3	0	10	10	0	1.0412	1.0411	-0.0001	1	1	0.0000
2024-02-08T11:47:21	3	0	1	2	-1	1.0367	1.0317	-0.0050	0.9944	0.9944	0.0000
2024-02-08T11:47:23	2	0	1	1	0	1.0280	1.0280	0.0000	0.9742	0.9743	-0.0001
2024-02-08T11:48:06	1	0	5	4	1	1.0533	1.0516	-0.0018	0.9681	0.968	0.0001
2024-02-08T11:48:27	1	0	5	5	0	1.0456	1.0456	0.0000	0.9642	0.9642	0.0000
2024-02-08T11:48:36	2	0	23	22	1	1.0506	1.0511	0.0005	-0.988	-0.9884	0.0004
2024-02-08T11:49:32	5	0	25	25	0	1.0563	1.0562	0.0000	0.9993	0.9993	0.0000
2024-02-08T11:50:02	2	0	16	16	0	1.0534	1.0532	-0.0002	0.9633	0.9623	0.0010
2024-02-08T11:50:37	1	0	8	8	0	1.0390	1.0388	-0.0001	0.9971	0.9971	0.0000
2024-02-08T11:50:43	4	0	5	6	-1	1.0505	1.0517	0.0011	0.9998	0.9998	0.0000
2024-02-08T11:52:48	1	0	2	2	0	1.0180	1.0180	0.0000	0.9665	0.9665	0.0000
2024-02-08T11:55:13	2	0	8	8	0	1.0506	1.0506	0.0000	1	1	0.0000
2024-02-08T11:55:42	1	0	3	3	0	1.0496	1.0496	0.0000	0.9983	0.9983	0.0000
2024-02-08T11:55:53	4	0	8	8	0	1.0236	1.0232	-0.0004	0.9661	0.97	-0.0039
2024-02-08T11:57:46	1	0	29	29	0	1.0524	1.0524	0.0000	0.9987	0.9988	-0.0001
2024-02-08T11:58:06	1	0	3	3	0	1.0283	1.0283	0.0000	0.9991	0.9991	0.0000
2024-02-08T11:59:03	2	0	6	6	0	1.0223	1.0223	0.0000	-1	-1	0.0000
2024-02-08T11:59:06	4	0	6	7	-1	1.0475	1.0486	0.0012	-0.9872	-0.9868	-0.0004
2024-02-08T11:59:48	1	0	25	25	0	1.0497	1.0497	0.0000	0.992	0.992	0.0000
2024-02-08T11:59:50	1	0	22	21	1	1.0493	1.0486	-0.0007	0.9802	0.98	0.0002
2024-02-08T12:00:47	3	0	8	8	0	1.0538	1.0538	-0.0001	0.9966	0.9966	0.0000
2024-02-08T12:01:18	2	0	4	4	0	1.0574	1.0574	0.0000	0.9819	0.982	-0.0001
2024-02-08T12:02:24	2	0	2	3	-1	1.0434	1.0356	-0.0078	0.9747	0.9749	-0.0002
2024-02-08T12:03:28	2	0	11	10	1	1.0463	1.0464	0.0001	0.9647	0.9646	0.0001
2024-02-08T12:03:36	5	0	2	1	1	1.0606	1.0587	-0.0019	0.9547	0.9547	0.0000
2024-02-08T12:03:37	2	0	18	17	1	1.0490	1.0489	-0.0001	-0.9907	-0.9909	0.0002
2024-02-08T12:05:05	1	0	18	18	0	1.0539	1.0537	-0.0002	0.9681	0.9679	0.0002
2024-02-08T12:06:40	3	0	1	1	0	1.0293	1.0293	0.0000	0.8512	0.8517	-0.0005
2024-02-08T12:06:43	4	0	7	8	-1	1.0502	1.0496	-0.0006	-0.9976	-0.9976	0.0000
2024-02-08T12:07:49	1	0	2	2	0	1.0178	1.0178	0.0000	0.9654	0.9655	-0.0001
2024-02-08T12:07:55	1	0	20	21	-1	1.0144	1.0116	-0.0027	-0.998	-0.998	0.0000
2024-02-08T12:10:19	1	0	27	27	0	1.0508	1.0509	0.0000	0.9995	0.9995	0.0000
2024-02-08T12:10:43	1	0	4	4	0	1.0457	1.0457	0.0000	0.9986	0.9986	0.0000
2024-02-08T12:10:47	4	0	2	2	0	1.0276	1.0326	0.0050	-0.9823	-0.9827	0.0004
2024-02-08T12:14:27	10	0	7	8	-1	1.0333	1.0352	0.0019	0.9972	0.9975	-0.0003
2024-02-08T12:14:31	3	0	34	32	2	1.0547	1.0542	-0.0005	1	0.9999	0.0001
2024-02-08T12:18:41	1	0	23	20	3	1.0505	1.0501	-0.0003	-0.9873	-0.9874	0.0001
2024-02-08T12:18:53	2	0	16	15	1	1.0468	1.0463	-0.0006	0.965	0.965	0.0000
2024-02-08T12:20:45	4	0	5	4	1	1.0503	1.0508	0.0005	-0.9999	-1	0.0001
2024-02-08T12:25:15	2	0	4	4	0	1.0475	1.0475	0.0000	0.9993	0.9993	0.0000
2024-02-08T12:25:48	2	0	3	3	0	1.0299	1.0296	-0.0003	-0.9808	-0.9812	0.0004
2024-02-08T12:29:10	4	0	7	8	-1	1.0514	1.0520	0.0005	-0.9873	-0.9871	-0.0002
2024-02-08T12:29:28	1	0	7	8	-1	1.0320	1.0351	0.0030	0.9974	0.9975	-0.0001
2024-02-08T12:30:56	8	0	1	0	1	1.0371	null	null	0.9019	0.9041	-0.0022
2024-02-08T12:31:18	3	0	30	28	2	1.0486	1.0481	-0.0005	-0.9929	-0.993	0.0001
2024-02-08T12:38:41	1	0	67	67	0	1.0490	1.0490	0.0000	0.9739	0.9739	0.0000
2024-02-08T12:39:02	2	0	1	0	1	1.0555	null	null	0.9999	0.9999	0.0000
2024-02-08T12:40:31	2	0	30	28	2	1.0491	1.0486	-0.0005	0.9996	0.9996	0.0000
2024-02-08T12:40:56	4	0	2	2	0	1.0038	1.0037	-0.0001	0.962	0.9662	-0.0042
2024-02-08T12:45:02	2	0	50	49	1	1.0515	1.0514	-0.0001	-0.9945	-0.9945	0.0000
2024-02-08T12:45:50	2	0	6	6	0	1.0520	1.0516	-0.0004	0.9968	0.9968	0.0000
2024-02-08T12:46:21	2	0	3	3	0	1.0605	1.0605	0.0000	0.9761	0.9761	0.0000
2024-02-08T12:47:15	3	0	9	10	-1	1.0403	1.0395	-0.0008	1	-1	0.0000
2024-02-08T12:47:27	2	0	2	2	0	1.0273	1.0268	-0.0005	0.9762	0.9761	0.0001
2024-02-08T12:48:31	2	0	7	7	0	1.0463	1.0463	0.0000	0.9641	0.9641	0.0000
2024-02-08T12:59:22	2	0	3	2	1	1.0529	1.0508	-0.0021	-0.9152	-0.9149	-0.0003
2024-02-08T13:00:09	2	0	43	44	-1	1.0502	1.0503	0.0001	-0.9955	-0.9955	0.0000
2024-02-08T13:00:58	1	0	8	8	0	1.0179	1.0209	0.0030	0.9877	0.9721	0.0156
2024-02-08T13:02:34	1	0	1	1	0	1.0633	1.0580	-0.0053	0.9609	0.9611	-0.0002
2024-02-08T13:17:29	2	0	1	1	0	1.0260	1.0260	0.0000	0.9757	0.976	-0.0003
2024-02-08T13:26:25	1	0	4	5	-1	1.0566	1.0564	-0.0001	0.9973	0.9972	0.0001
2024-02-08T13:30:25	1	0	1	1	0	1.0579	1.0551	-0.0028	0.9716	0.9718	-0.0002
2024-02-08T13:33:46	1	0	18	16	2	1.0486	1.0492	0.0006	-0.9866	-0.9868	0.0002
2024-02-08T13:44:15	2	0	4	4	0	1.0546	1.0546	-0.0001	-0.9871	-0.9872	0.0001
2024-02-08T13:44:33	6	0	4	4	0	1.0163	1.0158	-0.0005	0.9993	0.9992	0.0001
2024-02-08T13:46:01	1	0	24	35	-11	1.0477	1.0503	0.0026	0.9897	0.9894	0.0003
2024-02-08T13:46:52	2	0	1	0	1	1.0553	null	null	0.9999	0.9999	0.0000
2024-02-08T13:47:37	1	0	1	1	0	1.0568	1.0566	-0.0002	0.9681	0.9681	0.0000
2024-02-08T13:48:47	1	0	19	16	3	1.0485	1.0482	-0.0003	-0.9878	-0.988	0.0002
2024-02-08T13:51:35	1	0	4	4	0	1.0434	1.0434	0.0000	0.9964	0.9964	0.0000
2024-02-08T13:53:02	1	0	13	12	1	1.0139	1.0103	-0.0036	-0.9985	-0.9985	0.0000
2024-02-08T13:55:54	3	0	4	4	0	1.0327	1.0325	-0.0002	-0.9697	-0.97	0.0003
2024-02-08T13:56:02	1	0	6	6	0	1.0109	1.0108	-0.0001	0.9603	0.9602	0.0001
2024-02-08T13:57:50	1	0	80	80	0	1.1102	1.1091	-0.0011	-0.9997	-0.9997	0.0000
2024-02-08T13:59:16	1	0	4	4	0	1.0520	1.0520	-0.0001	-0.9869	-0.9869	0.0000
2024-02-08T14:00:13	1	0	48	46	2	1.0507	1.0504	-0.0003	-0.994	-0.9941	0.0001
2024-02-08T14:01:03	7	0	3	2	1	1.0447	1.0395	-0.0052	0.9485	0.9453	0.0032
2024-02-08T14:03:44	4	0	2	2	0	1.0186	1.0186	0.0000	0.9308	0.9309	-0.0001
2024-02-08T14:03:45	3	0	8	11	-3	1.0496	1.0493	-0.0002	1	1	0.0000
2024-02-08T14:03:48	2	0	19	17	2	1.0497	1.0487	-0.0009	-0.9865	-0.987	0.0005

2024-02-08T14:05:15	1	0	16	15	1	1.0517	1.0514	-0.0003	0.9889	0.9883	0.0006
2024-02-08T14:05:16	1	0	9	9	0	1.0527	1.0527	0.0000	0.9964	0.9965	-0.0001
2024-02-08T14:10:55	3	0	2	3	-1	1.0335	1.0303	-0.0032	-0.9818	-0.9763	-0.0055
2024-02-08T14:11:03	1	0	175	164	11	0.9239	0.9251	0.0012	0.9407	0.9406	0.0001
2024-02-08T14:13:57	9	0	5	5	0	1.0476	1.0467	-0.0008	-0.9914	-0.9915	0.0001
2024-02-08T14:14:17	4	0	4	4	0	1.0523	1.0522	-0.0002	-0.9871	-0.9873	0.0002
2024-02-08T14:14:35	3	0	1	1	0	1.0279	1.0276	-0.0003	0.9982	0.9981	0.0001
2024-02-08T14:14:39	4	0	27	24	3	1.0520	1.0517	-0.0003	0.9999	0.9999	0.0000
2024-02-08T14:15:14	3	0	140	136	4	1.0546	1.0545	-0.0001	-0.9914	-0.9915	0.0001
2024-02-08T14:15:19	4	0	2	2	0	1.0519	1.0512	-0.0007	0.9997	0.9997	0.0000
2024-02-08T14:16:04	8	0	63	62	1	1.0633	1.0625	-0.0008	0.9925	0.9753	0.0172
2024-02-08T14:16:27	1	0	4	4	0	0.9694	0.9696	0.0002	0.9566	0.9567	-0.0001
2024-02-08T14:17:30	2	0	23	23	0	1.0433	1.0433	0.0000	0.9938	0.9937	0.0001
2024-02-08T14:17:36	6	0	52	50	2	1.0536	1.0534	-0.0002	0.983	0.9829	0.0001
2024-02-08T14:17:39	1	0	1	1	0	1.0575	1.0573	-0.0002	0.9644	0.9644	0.0000
2024-02-08T14:17:42	9	0	39	38	1	1.0517	1.0512	-0.0005	0.9986	0.9986	0.0000
2024-02-08T14:18:45	5	0	2	2	0	1.0203	1.0203	0.0000	0.9362	0.9363	-0.0001
2024-02-08T14:18:49	1	0	21	21	0	1.0504	1.0503	-0.0001	1	1	0.0000
2024-02-08T14:18:49	2	0	23	21	2	1.0505	1.0503	-0.0002	-0.9829	-0.9868	0.0039
2024-02-08T14:19:48	3	0	86	86	0	1.0631	1.0630	-0.0001	0.9959	0.9959	0.0000
2024-02-08T14:19:54	1	0	4	4	0	1.0455	1.0455	0.0000	0.9781	0.9782	-0.0001
2024-02-08T14:20:18	2	0	14	13	1	1.0511	1.0506	-0.0005	0.9738	0.9722	0.0016
2024-02-08T14:21:16	1	0	2	2	0	1.0689	1.0687	-0.0002	0.897	0.8935	0.0035
2024-02-08T14:21:52	2	0	11	11	0	1.0487	1.0485	-0.0002	-0.9961	-0.9962	0.0001
2024-02-08T14:22:18	1	0	17	17	0	1.0553	1.0553	0.0000	0.9904	0.9903	0.0001
2024-02-08T14:24:44	1	0	107	107	0	1.0553	1.0552	-0.0001	0.9955	0.9955	0.0000
2024-02-08T14:25:19	5	0	1	1	0	1.0567	1.0566	-0.0001	0.9971	0.9971	0.0000
2024-02-08T14:25:56	3	0	1	1	0	1.0320	1.0264	-0.0056	-0.9822	-0.9831	0.0009
2024-02-08T14:26:30	2	0	23	23	0	1.0418	1.0416	-0.0001	0.9982	0.9982	0.0000
2024-02-08T14:28:28	1	0	353	352	1	1.0623	1.0623	0.0000	0.9986	0.9986	0.0000
2024-02-08T14:28:58	3	0	3	3	0	1.0318	1.0313	-0.0005	-0.9906	-0.9907	0.0001
2024-02-08T14:29:01	3	0	59	59	0	1.0529	1.0528	0.0000	0.9999	0.9999	0.0000
2024-02-08T14:29:18	4	0	4	4	0	1.0524	1.0523	-0.0002	-0.9865	-0.9866	0.0001
2024-02-08T14:29:31	1	0	3	3	0	1.0187	1.0185	-0.0002	0.9956	0.9956	0.0000
2024-02-08T14:29:40	4	0	23	23	0	1.0518	1.0518	-0.0001	0.9999	0.9999	0.0000
2024-02-08T14:29:54	2	0	17	15	2	1.0478	1.0474	-0.0004	0.9971	0.9983	-0.0012
2024-02-08T14:30:20	3	0	2	2	0	1.0556	1.0554	-0.0002	0.9996	0.9996	0.0000
2024-02-08T14:30:25	2	0	65	64	1	1.0521	1.0520	-0.0001	-0.9925	-0.9926	0.0001
2024-02-08T14:31:28	1	0	3	3	0	0.9857	0.9857	0.0000	0.9637	0.9637	0.0000
2024-02-08T14:31:42	3	0	1	1	0	1.0330	1.0329	-0.0001	0.9901	0.99	0.0001
2024-02-08T14:31:55	4	0	1	0	1	1.0558	null	null	-0.9997	-0.9998	0.0001
2024-02-08T14:32:22	2	0	6	6	0	1.0421	1.0420	-0.0002	-0.9999	-0.9999	0.0000
2024-02-08T14:32:31	2	0	18	18	0	1.0457	1.0457	0.0000	0.9958	0.9957	0.0001
2024-02-08T14:32:40	1	0	1	1	0	1.0602	1.0600	-0.0002	0.9648	0.9647	0.0001
2024-02-08T14:32:42	4	0	45	44	1	1.0534	1.0533	-0.0001	0.9813	0.9812	0.0001
2024-02-08T14:32:51	11	0	53	52	1	1.0539	1.0533	-0.0006	0.9993	0.9992	0.0001
2024-02-08T14:33:46	2	0	1	1	0	1.0574	1.0570	-0.0004	0.9424	0.9422	0.0002
2024-02-08T14:33:50	3	0	45	38	7	1.0559	1.0539	-0.0020	-0.9747	-0.9882	0.0135
2024-02-08T14:33:50	2	0	24	24	0	1.0479	1.0478	-0.0001	-1	-1	0.0000
2024-02-08T14:34:54	3	0	64	64	0	1.0616	1.0615	-0.0001	0.9966	0.9955	0.0011
2024-02-08T14:35:18	2	0	18	18	0	1.0551	1.0550	-0.0002	0.9971	0.997	0.0001
2024-02-08T14:35:21	2	0	15	15	0	1.0507	1.0506	-0.0002	0.992	0.9908	0.0012
2024-02-08T14:35:48	1	0	9	9	0	1.0419	1.0418	-0.0001	0.9988	0.9988	0.0000
2024-02-08T14:36:21	3	0	2	2	0	1.0670	1.0667	-0.0004	0.9641	0.9607	0.0034
2024-02-08T14:36:38	2	0	1	1	0	1.0386	1.0381	-0.0005	0.9937	0.9937	0.0000
2024-02-08T14:36:53	2	0	3	3	0	1.0503	1.0503	0.0000	-0.9967	-0.9967	0.0000
2024-02-08T14:37:19	1	0	13	13	0	1.0570	1.0569	0.0000	0.9911	0.9911	0.0000
2024-02-08T14:38:24	1	0	208	206	2	1.0614	1.0614	0.0000	-0.9772	-0.9771	-0.0001
2024-02-08T14:40:25	4	0	1	1	0	1.0572	1.0570	-0.0002	0.9979	0.9979	0.0000
2024-02-08T14:41:05	3	0	10	10	0	1.0102	1.0101	-0.0002	0.9599	0.9595	0.0004
2024-02-08T14:41:30	1	0	7	7	0	1.0530	1.0529	-0.0001	0.9971	0.997	0.0001
2024-02-08T14:41:37	2	0	16	16	0	1.0399	1.0399	0.0000	0.9979	0.9979	0.0000
2024-02-08T14:43:17	2	0	6	6	0	0.9737	0.9741	0.0004	0.997	0.9971	-0.0001
2024-02-08T14:43:58	3	0	2	2	0	1.0276	1.0274	-0.0003	-0.99	-0.9903	0.0003
2024-02-08T14:44:02	3	0	96	94	2	1.0554	1.0554	0.0000	-0.9999	-1	0.0001
2024-02-08T14:44:19	1	0	3	3	0	1.0572	1.0571	-0.0001	-0.9876	-0.9875	-0.0001
2024-02-08T14:44:37	10	0	3	3	0	1.0072	1.0059	-0.0013	0.9967	0.9962	0.0005
2024-02-08T14:44:39	1	0	2	2	0	1.0155	1.0155	-0.0001	0.9956	0.9956	0.0000
2024-02-08T14:44:41	6	0	29	29	0	1.0539	1.0539	0.0000	1	1	0.0000
2024-02-08T14:44:50	1	0	2	2	0	1.0268	1.0265	-0.0002	0.9947	0.9947	0.0000
2024-02-08T14:45:26	1	0	2	2	0	1.0460	1.0455	-0.0005	0.9949	0.9948	0.0001
2024-02-08T14:45:36	2	0	63	62	1	1.0518	1.0517	-0.0001	-0.9933	-0.9933	0.0000
2024-02-08T14:46:09	8	0	4	4	0	1.0323	1.0319	-0.0003	0.9053	0.9047	0.0006
2024-02-08T14:47:23	1	0	6	6	0	1.0419	1.0417	-0.0001	-0.9997	-0.9997	0.0000
2024-02-08T14:48:51	1	0	30	29	1	1.0521	1.0517	-0.0004	-0.9893	-0.9898	0.0005
2024-02-08T14:50:03	2	0	83	81	2	1.0610	1.0609	-0.0001	0.9971	0.9971	0.0000
2024-02-08T14:50:26	1	0	16	15	1	1.0528	1.0524	-0.0004	0.9971	0.9964	0.0007
2024-02-08T14:50:30	1	0	8	8	0	1.0455	1.0455	0.0000	-1	-1	0.0000
2024-02-08T14:50:55	4	0	62	59	3	1.0599	1.0598	-0.0002	-0.915	-0.9168	0.0018
2024-02-08T14:53:06	1	0	11	10	1	1.0377	1.0357	-0.0021	-0.9949	-0.9948	-0.0001
2024-02-08T14:56:00	4	0	2	2	0	1.0247	1.0243	-0.0004	-0.9791	-0.9793	0.0002
2024-02-08T14:59:22	3	0	3	3	0	1.0487	1.0486	-0.0001	-0.9883	-0.9883	0.0000
2024-02-08T15:01:10	1	0	21	21	0	1.0501	1.0500	0.0000	0.9913	0.9912	0.0001
2024-02-08T15:01:14	1	0	40	35	5	1.0565	1.0559	-0.0006	0.948	0.9475	0.0005
2024-02-08T15:03:48	3	0	3	3	0	1.0034	1.0037	0.0002	0.9393	0.9395	-0.0002

2024-02-08T15:03:52	1	0	23	21	2	1.0499	1.0495	-0.0003	-0.9925	-0.9929	0.0004
2024-02-08T15:04:20	1	0	1	0	1	1.0166	null	null	0.9714	0.9632	0.0082
2024-02-08T15:05:28	2	0	17	15	2	1.0518	1.0512	-0.0005	0.9934	0.9925	0.0009
2024-02-08T15:05:42	6	0	37	31	6	1.0531	1.0551	0.0021	1	1	0.0000
2024-02-08T15:08:07	1	0	27	25	2	1.0486	1.0477	-0.0009	-0.9947	-0.9948	0.0001
2024-02-08T15:11:01	2	0	1	2	-1	1.0334	1.0280	-0.0054	-0.9849	-0.9804	-0.0045
2024-02-08T15:15:57	1	0	20	20	0	1.0479	1.0479	0.0000	-0.9996	-0.9996	0.0000
2024-02-08T15:18:12	1	0	32	31	1	1.0496	1.0496	0.0000	0.9996	0.9996	0.0000
2024-02-08T15:18:49	1	0	1	0	1	0.9449	null	null	0.9492	0.9492	0.0000
2024-02-08T15:18:53	1	0	27	25	2	1.0520	1.0509	-0.0010	-0.9904	-0.9875	-0.0029
2024-02-08T15:20:29	1	0	16	16	0	1.0517	1.0516	-0.0001	0.9978	0.9975	0.0003
2024-02-08T15:21:45	1	0	1	1	0	1.0699	1.0699	0.0000	0.9992	0.9992	0.0000
2024-02-08T15:25:57	1	0	6	6	0	1.0469	1.0467	-0.0002	0.9995	0.9995	0.0000
2024-02-08T15:28:00	2	0	24	24	0	1.0488	1.0487	-0.0001	0.9987	0.9986	0.0001
2024-02-08T15:29:17	2	0	8	8	0	1.0203	1.0203	-0.0001	0.9962	0.9961	0.0001
2024-02-08T15:33:54	1	0	27	24	3	1.0515	1.0511	-0.0004	-0.992	-0.9948	0.0028
2024-02-08T15:34:39	1	0	1	0	1	1.0184	null	null	0.9996	0.9996	0.0000
2024-02-08T15:42:59	1	0	1	1	0	1.0562	1.0557	-0.0005	-0.9975	-0.9976	0.0001
2024-02-08T15:45:19	1	0	47	44	3	1.0559	1.0559	0.0000	0.9753	0.9753	0.0000
2024-02-08T15:46:18	8	0	12	10	2	1.0456	1.0425	-0.0031	0.9553	0.9583	-0.0030
2024-02-08T15:48:55	1	0	19	18	1	1.0489	1.0486	-0.0003	-0.9929	-0.9905	-0.0024
2024-02-08T15:49:40	1	0	2	2	0	1.0193	1.0192	-0.0001	0.9991	0.9991	0.0000
2024-02-08T15:50:02	1	0	6	6	0	1.0457	1.0457	0.0000	0.981	0.9808	0.0002
2024-02-08T15:51:07	9	0	4	2	2	1.0454	1.0451	-0.0003	-0.9988	-0.9993	0.0005
2024-02-08T15:53:16	1	0	17	16	1	1.0361	1.0349	-0.0013	-0.9964	-0.9964	0.0000
2024-02-08T15:56:04	2	0	1	0	1	1.0205	null	null	-0.9772	-0.9743	-0.0029
2024-02-08T16:00:22	1	0	59	57	2	1.0563	1.0563	0.0000	0.9764	0.9763	0.0001
2024-02-08T16:01:14	1	0	17	16	1	1.0543	1.0542	-0.0001	-0.9568	-0.9567	-0.0001
2024-02-08T16:01:19	7	0	6	7	-1	1.0422	1.0386	-0.0036	0.9758	0.9728	0.0030
2024-02-08T16:03:56	1	0	23	18	5	1.0534	1.0510	-0.0024	-0.9962	-0.9965	0.0003
2024-02-08T16:06:08	7	0	2	1	1	1.0454	1.0451	-0.0003	-0.9998	-0.9999	0.0001
2024-02-08T16:11:05	1	0	2	2	0	1.0146	1.0145	-0.0001	-0.9798	-0.9764	-0.0034
2024-02-08T16:14:04	1	0	2	2	0	1.0299	1.0297	-0.0002	0.9949	0.9951	-0.0002
2024-02-08T16:16:15	1	0	30	29	1	1.0551	1.0550	-0.0001	-0.9416	-0.9415	-0.0001
2024-02-08T16:17:41	2	0	4	4	0	1.0279	1.0278	-0.0002	0.9829	0.9829	0.0000
2024-02-08T16:18:59	1	0	15	15	0	1.0470	1.0468	-0.0002	-0.9933	-0.9934	0.0001
2024-02-08T16:31:05	3	0	2	2	0	1.0146	1.0150	0.0004	0.9966	0.9966	0.0000
2024-02-08T16:34:00	1	0	8	8	0	1.0471	1.0468	-0.0003	-0.995	-0.9929	-0.0021
2024-02-08T16:35:37	1	0	13	13	0	1.0478	1.0477	0.0000	1	1	0.0000
2024-02-08T16:49:01	1	0	11	11	0	1.0468	1.0467	-0.0001	-0.9946	-0.9946	0.0000
2024-02-08T17:04:02	1	0	18	16	2	1.0501	1.0500	-0.0001	-0.9805	-0.9805	0.0000
2024-02-08T17:22:13	1	0	1	0	1	0.9597	null	null	0.989	0.9893	-0.0003
2024-02-08T18:11:13	1	0	26	25	1	0.9527	0.9531	0.0004	-0.9887	-0.9882	-0.0005
2024-02-09T07:51:40	1	0	47	47	0	1.0237	1.0237	0.0000	0.9986	0.9986	0.0000
2024-02-09T07:51:44	1	0	100	100	0	0.9195	0.9196	0.0001	0.9937	0.9936	0.0001
2024-02-09T07:55:28	1	0	56	55	1	0.9439	0.9439	0.0000	-0.998	-0.9978	-0.0002
2024-02-09T08:05:11	2	0	47	46	1	0.9416	0.9417	0.0002	0.9947	0.9948	-0.0001
2024-02-09T08:06:41	1	0	67	66	1	1.0294	1.0294	0.0000	0.9923	0.9922	0.0001
2024-02-09T08:06:45	1	0	84	84	0	0.9269	0.9270	0.0001	0.9959	0.9958	0.0001
2024-02-09T08:20:15	2	0	33	32	1	1.0543	1.0543	0.0000	1	1	0.0000
2024-02-09T08:35:16	2	0	54	53	1	1.0576	1.0576	0.0000	-1	-1	0.0000
2024-02-09T08:36:40	1	0	10	10	0	0.9406	0.9409	0.0003	0.9995	0.9996	-0.0001
2024-02-09T08:38:03	1	0	145	145	0	1.0571	1.0571	0.0000	-0.9986	-0.9987	0.0001
2024-02-09T08:44:18	4	0	33	32	1	1.0537	1.0537	-0.0001	0.9969	0.9969	0.0000
2024-02-09T08:45:52	1	0	7	7	0	1.0241	1.0241	0.0000	0.9963	0.9963	0.0000
2024-02-09T09:00:53	1	0	6	6	0	1.0243	1.0243	0.0000	0.9957	0.9957	0.0000
2024-02-09T09:05:15	2	0	29	26	3	0.9419	0.9422	0.0003	0.9953	0.9954	-0.0001
2024-02-09T09:05:18	4	0	63	51	12	1.0566	1.0562	-0.0004	0.9981	0.9981	0.0000
2024-02-09T09:06:42	1	0	4	4	0	0.9395	0.9400	0.0005	0.9995	0.9995	0.0000
2024-02-09T09:06:45	2	0	114	114	0	1.0409	1.0405	-0.0005	0.9922	0.9922	0.0000
2024-02-09T09:06:49	2	0	70	67	3	0.9321	0.9326	0.0005	0.9945	0.9944	0.0001
2024-02-09T09:11:37	3	0	27	26	1	1.0547	1.0545	-0.0001	1	1	0.0000
2024-02-09T09:12:30	1	0	37	36	1	1.0494	1.0492	-0.0002	-0.9995	-0.9995	0.0000
2024-02-09T09:15:41	1	0	103	98	5	1.0566	1.0565	-0.0001	0.9983	0.9983	0.0000
2024-02-09T09:20:07	2	0	6	6	0	1.0414	1.0413	-0.0001	-1	-1	0.0000
2024-02-09T09:20:16	1	0	6	6	0	1.0421	1.0419	-0.0002	0.8965	0.896	0.0005
2024-02-09T09:21:39	5	0	9	9	0	1.0094	1.0104	0.0010	0.9988	0.9989	-0.0001
2024-02-09T09:25:31	2	0	1	0	1	1.0058	null	null	1	0.9999	0.0001
2024-02-09T09:25:34	1	0	5	6	-1	0.9436	0.9439	0.0003	-0.9953	-0.995	-0.0003
2024-02-09T09:34:38	1	0	13	13	0	1.0492	1.0492	0.0000	0.9799	0.9799	0.0000
2024-02-09T09:35:08	1	0	2	2	0	1.0291	1.0290	-0.0002	0.9984	0.9983	0.0001
2024-02-09T09:35:20	7	0	86	53	33	1.0574	1.0567	-0.0008	0.9983	0.9982	0.0001
2024-02-09T09:36:21	1	0	5	5	0	0.9825	0.9825	0.0001	0.9957	0.9957	0.0000
2024-02-09T09:36:47	4	0	114	113	1	1.0589	1.0588	-0.0002	0.9917	0.9917	0.0000
2024-02-09T09:38:29	1	0	336	334	2	1.0565	1.0565	0.0000	0.9913	0.9913	0.0000
2024-02-09T09:39:18	2	0	5	5	0	1.0479	1.0478	-0.0002	0.9837	0.9832	0.0005
2024-02-09T09:40:35	1	0	4	5	-1	0.9650	0.9619	-0.0031	-0.9873	-0.987	-0.0003
2024-02-09T09:43:56	3	0	2	2	0	1.0397	1.0391	-0.0006	-0.9939	-0.9941	0.0002
2024-02-09T09:44:22	4	0	36	31	5	1.0536	1.0531	-0.0004	0.9973	0.9973	0.0000
2024-02-09T09:45:37	2	0	2	2	0	1.0123	1.0128	0.0005	0.9959	0.996	-0.0001
2024-02-09T09:45:39	1	0	3	3	0	1.0362	1.0357	-0.0005	0.9167	0.9421	-0.0254
2024-02-09T09:45:52	1	0	25	25	0	1.0509	1.0508	0.0000	0.9745	0.9742	0.0003
2024-02-09T09:45:56	8	0	7	7	0	1.0249	1.0247	-0.0003	0.9959	0.9957	0.0002
2024-02-09T09:48:53	2	0	19	19	0	1.0462	1.0459	-0.0003	0.9952	0.9951	0.0001
2024-02-09T09:49:36	1	0	7	7	0	1.0456	1.0455	-0.0001	0.9806	0.9799	0.0007

2024-02-09T09:50:18	1	0	5	5	0	1.0420	1.0417	-0.0002	0.8927	0.8925	0.0002
2024-02-09T09:53:03	2	0	161	159	2	1.0576	1.0576	0.0000	-0.9764	-0.9764	0.0000
2024-02-09T09:58:01	1	0	15	15	0	1.0485	1.0484	-0.0001	0.9934	0.9933	0.0001
2024-02-09T09:58:16	2	0	1	1	0	1.0071	1.0065	-0.0006	-0.9792	-0.9791	-0.0001
2024-02-09T09:59:23	4	0	17	17	0	1.0507	1.0506	-0.0001	0.997	0.997	0.0000
2024-02-09T10:00:40	5	0	1	1	0	1.0167	1.0149	-0.0018	0.9108	0.9089	0.0019
2024-02-09T10:04:47	1	0	14	14	0	1.0507	1.0506	-0.0001	0.9878	0.987	0.0008
2024-02-09T10:04:59	1	0	4	4	0	1.0261	1.0257	-0.0004	0.9772	0.977	0.0002
2024-02-09T10:05:22	2	0	34	33	1	1.0552	1.0548	-0.0004	0.9988	0.9987	0.0001
2024-02-09T10:05:24	1	0	62	60	2	1.0528	1.0527	-0.0001	-0.9941	-0.9942	0.0001
2024-02-09T10:06:25	1	0	6	6	0	0.9961	0.9958	-0.0003	0.997	0.9969	0.0001
2024-02-09T10:07:43	1	0	12	12	0	1.0501	1.0500	-0.0001	0.9717	0.9714	0.0003
2024-02-09T10:10:30	2	0	1	1	0	1.0174	1.0167	-0.0007	0.9716	0.971	0.0006
2024-02-09T10:12:34	1	0	27	27	0	1.0492	1.0492	0.0000	0.9979	0.9979	0.0000
2024-02-09T10:13:36	1	0	4	4	0	0.9901	0.9900	-0.0001	0.994	0.9939	0.0001
2024-02-09T10:13:58	1	0	3	3	0	1.0477	1.0475	-0.0001	-0.9933	-0.9934	0.0001
2024-02-09T10:15:30	1	0	22	22	0	1.0493	1.0493	0.0000	0.9998	0.9998	0.0000
2024-02-09T10:15:43	3	0	4	4	0	1.0240	1.0240	-0.0001	0.9688	0.9687	0.0001
2024-02-09T10:17:52	1	0	6	6	0	0.9848	0.9852	0.0003	0.9951	0.9952	-0.0001
2024-02-09T10:18:56	3	0	15	14	1	1.0449	1.0445	-0.0004	0.9955	0.9954	0.0001
2024-02-09T10:20:42	3	0	1	0	1	1.0453	null	null	0.9999	0.9999	0.0000
2024-02-09T10:23:04	3	0	11	11	0	1.0352	1.0350	-0.0002	0.9983	0.9983	0.0000
2024-02-09T10:24:17	1	0	116	118	-2	1.0601	1.0601	0.0000	0.9588	0.9587	0.0001
2024-02-09T10:30:12	1	0	5	5	0	1.0357	1.0356	-0.0001	0.9988	0.9988	0.0000
2024-02-09T10:30:12	1	0	75	74	1	1.0493	1.0492	-0.0001	0.995	0.995	0.0000
2024-02-09T10:30:31	1	0	24	23	1	1.0492	1.0493	0.0002	1	1	0.0000
2024-02-09T10:33:36	1	0	1	1	0	1.0142	1.0126	-0.0016	0.9963	0.9961	0.0002
2024-02-09T10:34:42	2	0	8	8	0	1.0488	1.0484	-0.0003	0.9787	0.9781	0.0006
2024-02-09T10:35:12	1	0	18	17	1	1.0478	1.0473	-0.0005	0.9984	0.9984	0.0000
2024-02-09T10:35:37	1	0	6	6	0	1.0510	1.0508	-0.0003	0.9992	0.9991	0.0001
2024-02-09T10:38:33	1	0	429	428	1	1.0578	1.0578	0.0000	0.9916	0.9916	0.0000
2024-02-09T10:39:41	1	0	4	4	0	1.0542	1.0539	-0.0003	-0.9964	-0.9965	0.0001
2024-02-09T10:40:34	1	0	15	14	1	1.0508	1.0503	-0.0005	0.9991	0.9991	0.0000
2024-02-09T10:41:19	1	0	1	1	0	1.0599	1.0596	-0.0003	0.9959	0.9958	0.0001
2024-02-09T10:41:41	1	0	1	0	1	1.0552	null	null	0.9907	0.9907	0.0000
2024-02-09T10:42:36	2	0	69	68	1	1.0543	1.0543	0.0000	0.9986	0.9986	0.0000
2024-02-09T10:43:28	1	0	19	19	0	1.0468	1.0468	0.0000	0.9953	0.9954	-0.0001
2024-02-09T10:45:12	2	0	89	87	2	1.0499	1.0497	-0.0002	0.9948	0.9948	0.0000
2024-02-09T10:45:13	2	0	6	5	1	1.0408	1.0368	-0.0040	0.999	0.999	0.0000
2024-02-09T10:45:41	1	0	3	3	0	1.0284	1.0287	0.0003	0.9958	0.9959	-0.0001
2024-02-09T10:45:47	1	0	57	56	1	1.0555	1.0555	0.0000	0.998	0.998	0.0000
2024-02-09T10:46:01	1	0	6	6	0	1.0217	1.0217	-0.0001	0.9967	0.9967	0.0000
2024-02-09T10:48:38	2	0	2	2	0	0.9751	0.9751	0.0000	0.8861	0.886	0.0001
2024-02-09T10:48:57	1	0	18	18	0	1.0469	1.0466	-0.0003	0.9952	0.9951	0.0001
2024-02-09T10:49:53	1	0	21	20	1	1.0534	1.0531	-0.0002	0.9751	0.9737	0.0014
2024-02-09T10:50:02	1	0	3	3	0	1.0507	1.0506	-0.0001	0.995	0.9948	0.0002
2024-02-09T10:50:44	2	0	5	5	0	1.0488	1.0478	-0.0010	0.9989	0.9986	0.0003
2024-02-09T10:52:31	2	0	16	15	1	1.0482	1.0492	0.0010	0.9956	0.9954	0.0002
2024-02-09T10:53:07	4	0	233	227	6	1.0595	1.0595	0.0000	-0.9697	-0.9697	0.0000
2024-02-09T10:53:36	1	0	479	476	3	1.0587	1.0587	0.0000	0.9916	0.9916	0.0000
2024-02-09T10:59:15	1	0	2	2	0	1.0514	1.0510	-0.0004	-0.9048	-0.9402	0.0354
2024-02-09T10:59:40	1	0	3	3	0	1.0131	1.0130	-0.0001	0.9718	0.9716	0.0002
2024-02-09T11:00:13	1	0	94	92	2	1.0503	1.0502	-0.0001	0.9946	0.9946	0.0000
2024-02-09T11:00:21	1	0	7	7	0	1.0398	1.0394	-0.0004	0.999	0.999	0.0000
2024-02-09T11:00:33	3	0	32	32	0	1.0506	1.0505	-0.0001	1	1	0.0000
2024-02-09T11:00:47	1	0	2	2	0	1.0250	1.0247	-0.0003	0.9081	0.9076	0.0005
2024-02-09T11:03:39	4	0	3	3	0	0.9858	0.9856	-0.0002	0.8732	0.8725	0.0007
2024-02-09T11:03:56	1	0	2	2	0	1.0360	1.0358	-0.0002	-0.9999	-0.9999	0.0000
2024-02-09T11:04:04	1	0	18	17	1	1.0501	1.0503	0.0002	0.996	0.996	0.0000
2024-02-09T11:04:45	1	0	9	9	0	1.0501	1.0500	-0.0001	0.9808	0.9807	0.0001
2024-02-09T11:04:55	1	0	30	24	6	1.0547	1.0541	-0.0006	0.9704	0.9688	0.0016
2024-02-09T11:05:18	2	0	26	25	1	1.0476	1.0472	-0.0005	0.9998	0.9998	0.0000
2024-02-09T11:05:23	2	0	19	18	1	1.0429	1.0421	-0.0008	0.8798	0.8789	0.0009
2024-02-09T11:05:54	1	0	3	3	0	1.0595	1.0594	-0.0001	-0.957	-0.9592	0.0022
2024-02-09T11:06:10	1	0	3	3	0	1.0414	1.0412	-0.0001	0.9964	0.9964	0.0000
2024-02-09T11:08:18	13	0	529	490	39	1.0631	1.0628	-0.0003	-0.9633	-0.964	0.0007
2024-02-09T11:09:24	1	0	8	8	0	1.0513	1.0512	-0.0001	0.9728	0.972	0.0008
2024-02-09T11:09:43	1	0	3	3	0	1.0514	1.0513	-0.0001	0.9991	0.9991	0.0000
2024-02-09T11:10:41	1	0	1	1	0	1.0151	1.0146	-0.0005	-0.9934	-0.9934	0.0000
2024-02-09T11:11:06	1	0	22	21	1	1.0480	1.0476	-0.0004	0.9996	0.9996	0.0000
2024-02-09T11:11:43	1	0	2	2	0	1.0533	1.0529	-0.0004	0.9929	0.9928	0.0001
2024-02-09T11:12:10	1	0	2	2	0	1.0459	1.0459	0.0000	0.9613	0.9613	0.0000
2024-02-09T11:12:17	1	0	1	1	0	0.9944	0.9948	0.0004	-0.9974	-0.9973	-0.0001
2024-02-09T11:12:38	4	0	82	69	13	1.0544	1.0545	0.0001	0.9986	0.9986	0.0000
2024-02-09T11:12:40	1	0	1	0	1	1.0555	null	null	-0.9918	-0.9918	0.0000
2024-02-09T11:13:01	4	0	9	9	0	1.0243	1.0242	0.0000	0.9441	0.9438	0.0003
2024-02-09T11:13:30	2	0	18	16	2	1.0470	1.0471	0.0001	0.9953	0.9953	0.0000
2024-02-09T11:15:14	3	0	118	115	3	1.0517	1.0516	-0.0001	0.9943	0.9943	0.0000
2024-02-09T11:15:34	11	0	62	61	1	1.0539	1.0538	-0.0001	-1	-1	0.0000
2024-02-09T11:16:03	4	0	8	8	0	1.0267	1.0264	-0.0004	0.9976	0.9974	0.0002
2024-02-09T11:19:46	7	0	11	12	-1	1.0511	1.0502	-0.0008	0.9795	0.9786	0.0009
2024-02-09T11:19:58	1	0	24	19	5	1.0531	1.0524	-0.0007	0.9602	0.9584	0.0018
2024-02-09T11:20:10	2	0	10	10	0	1.0572	1.0572	0.0000	-0.8077	-0.809	0.0013
2024-02-09T11:20:19	1	0	26	25	1	1.0525	1.0523	-0.0002	0.9994	0.9994	0.0000
2024-02-09T11:20:55	2	0	10	10	0	1.0520	1.0519	-0.0001	-0.9482	-0.9513	0.0031

2024-02-09T11:22:33	1	0	14	14	0	1.0483	1.0482	-0.0002	0.9965	0.9964	0.0001
2024-02-09T11:26:40	1	0	1	0	1	1.0554	null	null	0.9922	0.992	0.0002
2024-02-09T11:28:05	2	0	2	2	0	1.0481	1.0474	-0.0006	0.9851	0.9848	0.0003
2024-02-09T11:28:58	1	0	2	2	0	1.0118	1.0117	-0.0001	0.9958	0.9958	0.0000
2024-02-09T11:29:47	4	0	12	10	2	1.0522	1.0506	-0.0016	0.9721	0.9718	0.0003
2024-02-09T11:30:35	6	0	36	36	0	1.0507	1.0507	0.0000	0.9987	0.9987	0.0000
2024-02-09T11:30:44	3	0	5	5	0	1.0497	1.0497	0.0000	0.997	0.997	0.0000
2024-02-09T11:31:13	1	0	13	12	1	1.0473	1.0465	-0.0009	-0.9997	-0.9997	0.0000
2024-02-09T11:32:58	1	0	3	3	0	1.0313	1.0313	0.0000	0.9969	0.9969	0.0000
2024-02-09T11:34:49	1	0	2	2	0	1.0406	1.0406	0.0000	0.9522	0.9522	0.0000
2024-02-09T11:35:01	2	0	24	22	2	1.0541	1.0538	-0.0003	0.975	0.9737	0.0013
2024-02-09T11:35:05	1	0	10	10	0	1.0539	1.0539	0.0000	0.9975	0.9975	0.0000
2024-02-09T11:35:25	2	0	5	6	-1	0.9426	0.9426	0.0001	0.999	0.999	0.0000
2024-02-09T11:35:47	2	0	3	4	-1	1.0503	1.0491	-0.0012	0.9989	0.9988	0.0001
2024-02-09T11:36:40	2	0	11	11	0	1.0481	1.0480	-0.0001	-0.9992	-0.9992	0.0000
2024-02-09T11:38:39	1	0	71	71	0	1.0492	1.0492	0.0000	0.9753	0.9753	0.0000
2024-02-09T11:38:53	1	0	3	3	0	1.0294	1.0292	-0.0002	0.9906	0.9918	-0.0012
2024-02-09T11:40:43	4	0	3	3	0	1.0269	1.0266	-0.0003	-0.9907	-0.9906	-0.0001
2024-02-09T11:41:25	1	0	3	3	0	1.0620	1.0619	-0.0001	0.9961	0.9961	0.0000
2024-02-09T11:41:41	1	0	1	1	0	1.0571	1.0570	-0.0001	0.9931	0.9931	0.0000
2024-02-09T11:43:08	1	0	9	9	0	1.0525	1.0525	0.0000	0.9832	0.9832	0.0000
2024-02-09T11:43:15	1	0	438	437	1	1.0628	1.0628	0.0000	0.9944	0.9944	0.0000
2024-02-09T11:43:32	2	0	6	7	-1	1.0446	1.0442	-0.0005	0.994	0.994	0.0000
2024-02-09T11:43:38	1	0	29	29	0	1.0525	1.0525	0.0000	-0.993	-0.993	0.0000
2024-02-09T11:43:45	1	0	2	3	-1	1.0277	1.0373	0.0096	0.9993	0.9993	0.0000
2024-02-09T11:44:04	1	0	4	4	0	1.0091	1.0091	0.0000	0.9969	0.9969	0.0000
2024-02-09T11:45:16	1	0	122	121	1	1.0525	1.0525	0.0000	0.995	0.995	0.0000
2024-02-09T11:45:45	3	0	4	4	0	1.0512	1.0511	-0.0001	0.9976	0.9976	0.0000
2024-02-09T11:46:11	11	0	9	11	-2	1.0284	1.0269	-0.0015	0.9959	0.9961	-0.0002
2024-02-09T11:47:59	1	0	1	1	0	1.0272	1.0272	0.0000	0.9875	0.9875	0.0000
2024-02-09T11:50:05	1	0	27	26	1	1.0557	1.0556	-0.0001	0.9889	0.9886	0.0003
2024-02-09T11:50:06	1	0	10	10	0	1.0541	1.0541	0.0000	0.9974	0.9975	-0.0001
2024-02-09T11:50:12	2	0	10	10	0	1.0567	1.0566	-0.0001	-0.7524	-0.7901	0.0377
2024-02-09T11:53:40	1	0	71	71	0	1.0494	1.0494	0.0000	0.974	0.974	0.0000
2024-02-09T11:54:45	1	0	10	10	0	1.0427	1.0427	0.0000	0.949	0.949	0.0000
2024-02-09T11:56:59	2	0	35	34	1	1.0499	1.0497	-0.0002	0.998	0.998	0.0000
2024-02-09T11:58:46	1	0	2	3	-1	1.0281	1.0376	0.0096	0.9991	0.999	0.0001
2024-02-09T12:00:46	3	0	5	5	0	1.0521	1.0520	-0.0001	0.9971	0.9971	0.0000
2024-02-09T12:01:18	10	0	6	8	-2	1.0252	1.0278	0.0027	0.9964	0.9966	-0.0002
2024-02-09T12:03:00	1	0	2	2	0	1.0276	1.0276	0.0000	0.99	0.9899	0.0001
2024-02-09T12:04:17	1	0	22	21	1	1.0514	1.0512	-0.0002	0.9865	0.9865	0.0000
2024-02-09T12:05:07	1	0	30	30	0	1.0574	1.0573	-0.0001	0.9904	0.9902	0.0002
2024-02-09T12:08:00	3	0	14	13	1	1.0574	1.0575	0.0001	-0.9864	-0.9865	0.0001
2024-02-09T12:09:58	2	0	20	19	1	1.0471	1.0467	-0.0004	0.9904	0.9904	0.0000
2024-02-09T12:11:18	2	0	93	92	1	1.0519	1.0519	0.0000	-1	-1	0.0000
2024-02-09T12:11:43	2	0	4	4	0	1.0555	1.0554	-0.0001	0.9905	0.9905	0.0000
2024-02-09T12:13:00	3	0	19	18	1	1.0532	1.0531	-0.0002	0.9895	0.9895	0.0000
2024-02-09T12:13:08	2	0	1	2	-1	1.0563	1.0395	-0.0168	0.9831	0.9833	-0.0002
2024-02-09T12:13:10	1	0	9	9	0	1.0523	1.0523	0.0000	0.9818	0.9819	-0.0001
2024-02-09T12:13:40	1	0	1	1	0	1.1094	1.1094	0.0000	-0.9999	-0.9999	0.0000
2024-02-09T12:15:55	1	0	30	30	0	1.0576	1.0575	-0.0002	-0.9928	-0.9929	0.0001
2024-02-09T12:15:56	2	0	2	2	0	1.0308	1.0307	-0.0001	0.9369	0.9366	0.0003
2024-02-09T12:20:08	1	0	50	51	-1	1.0561	1.0561	0.0000	0.9977	0.9977	0.0000
2024-02-09T12:23:56	1	0	2	2	0	1.0302	1.0301	-0.0001	0.9895	0.9895	0.0000
2024-02-09T12:25:46	4	0	1	2	-1	1.0351	1.0307	-0.0044	-0.9894	-0.9889	-0.0005
2024-02-09T12:27:01	1	0	50	49	1	1.0511	1.0510	-0.0001	0.9975	0.9975	0.0000
2024-02-09T12:28:11	1	0	11	10	1	1.0523	1.0520	-0.0003	0.9826	0.9826	0.0000
2024-02-09T12:30:48	3	0	1	0	1	1.0559	null	null	0.9768	0.9762	0.0006
2024-02-09T12:42:44	1	0	81	81	0	1.1331	1.1326	-0.0005	0.9999	0.9999	0.0000
2024-02-09T12:44:15	1	0	23	23	0	1.0480	1.0480	-0.0001	-0.9943	-0.9943	0.0000
2024-02-09T12:55:48	1	0	2	2	0	1.0078	1.0076	-0.0002	-0.9921	-0.992	-0.0001
2024-02-09T12:58:11	1	0	1	1	0	1.0370	1.0370	0.0000	0.9832	0.9833	-0.0001
2024-02-09T12:58:26	1	0	1	0	1	1.0324	null	null	0.9931	0.9933	-0.0002
2024-02-09T12:58:37	1	0	3	3	0	1.0377	1.0377	0.0000	0.9848	0.9848	0.0000
2024-02-09T12:59:42	1	0	7	7	0	1.0619	1.0617	-0.0002	0.9796	0.9796	0.0000
2024-02-09T13:00:59	1	0	9	9	0	1.0371	1.0371	0.0000	1	0.9992	0.0008
2024-02-09T13:01:03	2	0	5	5	0	1.0397	1.0359	-0.0037	0.9859	0.9856	0.0003
2024-02-09T13:01:28	11	0	9	10	-1	1.0301	1.0302	0.0001	0.9964	0.9966	-0.0002
2024-02-09T13:06:46	1	0	3	3	0	1.0523	1.0523	0.0000	0.9989	0.9988	0.0001
2024-02-09T13:11:31	1	0	9	10	-1	1.0541	1.0527	-0.0014	0.9807	0.9808	-0.0001
2024-02-09T13:11:47	2	0	2	3	-1	1.0526	1.0535	0.0009	0.9865	0.9866	-0.0001
2024-02-09T13:14:58	3	0	9	10	-1	1.0519	1.0526	0.0007	0.9706	0.9708	-0.0002
2024-02-09T13:16:04	2	0	5	5	0	1.0289	1.0288	-0.0001	0.9933	0.9525	0.0408
2024-02-09T13:20:18	2	0	14	15	-1	1.0550	1.0550	0.0001	-0.7807	-0.7792	-0.0015
2024-02-09T13:25:26	1	0	22	20	2	1.0503	1.0497	-0.0006	0.9992	0.9992	0.0000
2024-02-09T13:26:25	1	0	21	21	0	1.0452	1.0451	-0.0001	0.9984	0.9984	0.0000
2024-02-09T13:27:47	1	0	81	81	0	1.0858	1.0853	-0.0005	0.9996	0.9996	0.0000
2024-02-09T13:44:19	2	0	26	24	2	1.0487	1.0481	-0.0006	-0.987	-0.987	0.0000
2024-02-09T13:45:02	2	0	13	10	3	1.0530	1.0520	-0.0010	0.9727	0.9726	0.0001
2024-02-09T13:46:06	1	0	8	8	0	1.0430	1.0427	-0.0003	0.9465	0.9461	0.0004
2024-02-09T13:46:31	2	0	4	4	0	1.0243	1.0242	-0.0001	0.9893	0.9893	0.0000
2024-02-09T13:53:07	3	0	17	15	2	1.0565	1.0572	0.0006	-0.9861	-0.9863	0.0002
2024-02-09T13:53:58	2	0	1	2	-1	1.0572	1.0371	-0.0201	0.9665	0.9667	-0.0002
2024-02-09T13:56:25	3	0	99	97	2	1.0520	1.0519	-0.0002	1	1	0.0000
2024-02-09T13:58:30	2	0	6	6	0	1.0334	1.0332	-0.0002	0.9936	0.9935	0.0001

2024-02-09T13:59:00	7	0	3	4	-1	1.0382	1.0332	-0.0050	0.9663	0.9665	-0.0002
2024-02-09T14:00:25	1	0	169	168	1	1.0541	1.0541	0.0000	0.9936	0.9936	0.0000
2024-02-09T14:01:03	1	0	9	10	-1	1.0378	1.0385	0.0007	0.9985	0.9987	-0.0002
2024-02-09T14:01:32	1	0	4	4	0	1.0297	1.0296	-0.0001	0.9894	0.9894	0.0000
2024-02-09T14:04:25	1	0	49	48	1	1.0502	1.0500	-0.0001	0.9811	0.9811	0.0000
2024-02-09T14:04:54	1	0	1	1	0	1.0440	1.0440	0.0000	0.9791	0.9795	-0.0004
2024-02-09T14:05:15	2	0	71	70	1	1.0573	1.0573	0.0000	0.9978	0.9977	0.0001
2024-02-09T14:05:20	2	0	59	52	7	1.0572	1.0572	0.0000	0.995	0.9941	0.0009
2024-02-09T14:05:21	2	0	17	17	0	1.0536	1.0535	-0.0001	-0.726	-0.7257	-0.0003
2024-02-09T14:06:29	9	0	6	6	0	1.0477	1.0478	0.0000	0.9599	0.9599	0.0000
2024-02-09T14:07:44	3	0	4	5	-1	1.0498	1.0490	-0.0009	0.9952	0.9952	0.0000
2024-02-09T14:08:09	3	0	11	11	0	1.0576	1.0576	0.0000	-0.9897	-0.9898	0.0001
2024-02-09T14:09:35	1	0	92	92	0	1.0573	1.0573	0.0000	0.9608	0.9608	0.0000
2024-02-09T14:10:00	8	0	6	6	0	1.0527	1.0523	-0.0005	-0.9993	-0.9993	0.0000
2024-02-09T14:10:53	2	0	1	1	0	1.0376	1.0374	-0.0002	-0.9942	-0.9941	-0.0001
2024-02-09T14:11:00	3	0	12	12	0	1.0135	1.0133	-0.0001	0.9638	0.9634	0.0004
2024-02-09T14:11:06	1	0	18	18	0	1.0343	1.0343	0.0000	0.9818	0.9818	0.0000
2024-02-09T14:11:51	1	0	3	3	0	1.0542	1.0540	-0.0002	0.9891	0.9902	-0.0011
2024-02-09T14:13:34	1	0	8	8	0	1.0342	1.0341	-0.0001	0.9937	0.9936	0.0001
2024-02-09T14:13:48	1	0	9	9	0	1.0567	1.0567	0.0000	-0.9948	-0.9949	0.0001
2024-02-09T14:13:56	1	0	2	2	0	1.0283	1.0279	-0.0005	0.9994	0.9994	0.0000
2024-02-09T14:15:26	3	0	163	159	4	1.0532	1.0531	-0.0001	0.9949	0.9949	0.0000
2024-02-09T14:16:08	2	0	53	38	15	1.0571	1.0550	-0.0021	0.9733	0.9488	0.0245
2024-02-09T14:19:01	8	0	73	71	2	1.0568	1.0566	-0.0002	-0.9998	-0.9999	0.0001
2024-02-09T14:19:59	10	0	2	4	-2	1.0458	1.0455	-0.0003	0.9826	0.9829	-0.0003
2024-02-09T14:20:22	2	0	18	18	0	1.0536	1.0535	0.0000	-0.7179	-0.7178	-0.0001
2024-02-09T14:20:22	2	0	121	110	11	1.0575	1.0571	-0.0004	0.9935	0.9923	0.0012
2024-02-09T14:20:48	3	0	56	54	2	1.0514	1.0512	-0.0003	-0.9997	-0.9997	0.0000
2024-02-09T14:22:51	3	0	25	25	0	1.0454	1.0453	-0.0001	0.976	0.9758	0.0002
2024-02-09T14:23:10	3	0	15	15	0	1.0564	1.0563	0.0000	-0.9894	-0.9895	0.0001
2024-02-09T14:26:01	2	0	5	5	0	0.9991	0.9990	0.0000	0.9631	0.963	0.0001
2024-02-09T14:26:07	1	0	18	18	0	1.0354	1.0354	0.0000	0.9816	0.9817	-0.0001
2024-02-09T14:26:27	3	0	100	100	0	1.0525	1.0525	0.0000	1	1	0.0000
2024-02-09T14:27:22	2	0	81	75	6	1.0522	1.0519	-0.0003	0.9978	0.9978	0.0000
2024-02-09T14:28:39	2	0	7	7	0	1.0354	1.0353	-0.0001	0.9932	0.993	0.0002
2024-02-09T14:28:49	1	0	28	28	0	1.0496	1.0495	0.0000	-0.995	-0.9951	0.0001
2024-02-09T14:28:57	1	0	2	2	0	1.0306	1.0302	-0.0004	0.9997	0.9997	0.0000
2024-02-09T14:29:12	2	0	6	6	0	1.0250	1.0249	-0.0001	0.9994	0.9994	0.0000
2024-02-09T14:29:22	4	0	42	38	4	1.0500	1.0492	-0.0008	-0.9879	-0.9881	0.0002
2024-02-09T14:29:34	1	0	14	14	0	1.0569	1.0569	-0.0001	0.9836	0.9835	0.0001
2024-02-09T14:30:07	1	0	9	9	0	1.0526	1.0525	-0.0001	0.9742	0.974	0.0002
2024-02-09T14:30:35	4	0	2	1	1	1.0472	1.0341	-0.0131	0.9868	0.9868	0.0000
2024-02-09T14:31:10	2	0	8	8	0	1.0533	1.0531	-0.0002	0.9498	0.9496	0.0002
2024-02-09T14:34:02	5	0	92	88	4	1.0593	1.0592	-0.0001	-0.9991	-0.9992	0.0001
2024-02-09T14:34:27	4	0	72	68	4	1.0502	1.0498	-0.0003	0.9826	0.9824	0.0002
2024-02-09T14:35:00	4	0	6	6	0	1.0470	1.0469	-0.0001	0.9834	0.9832	0.0002
2024-02-09T14:35:17	1	0	68	67	1	1.0567	1.0567	0.0000	0.9954	0.9953	0.0001
2024-02-09T14:35:26	2	0	24	21	3	1.0538	1.0534	-0.0004	0.9896	0.9882	0.0014
2024-02-09T14:35:57	4	0	92	88	4	1.0541	1.0553	0.0012	-0.9988	-0.9988	0.0000
2024-02-09T14:37:46	2	0	4	4	0	1.0514	1.0512	-0.0001	0.9976	0.9975	0.0001
2024-02-09T14:37:52	3	0	26	26	0	1.0453	1.0453	0.0000	0.9751	0.975	0.0001
2024-02-09T14:38:11	3	0	11	11	0	1.0561	1.0561	0.0000	-0.9902	-0.9903	0.0001
2024-02-09T14:38:43	3	0	20	20	0	1.0409	1.0407	-0.0001	0.9996	0.9996	0.0000
2024-02-09T14:39:57	1	0	25	24	1	1.0491	1.0487	-0.0004	0.9525	0.9523	0.0002
2024-02-09T14:40:10	6	0	10	9	1	1.0508	1.0498	-0.0009	-0.9996	-0.9996	0.0000
2024-02-09T14:40:55	3	0	2	2	0	1.0157	1.0150	-0.0008	-0.9933	-0.9935	0.0002
2024-02-09T14:41:02	3	0	10	10	0	1.0153	1.0153	-0.0001	0.9601	0.96	0.0001
2024-02-09T14:41:15	1	0	16	16	0	1.0330	1.0330	0.0000	0.9823	0.9824	-0.0001
2024-02-09T14:41:57	1	0	4	4	0	1.0353	1.0352	-0.0001	0.9795	0.9793	0.0002
2024-02-09T14:43:20	1	0	29	28	1	1.0532	1.0530	-0.0002	0.9843	0.9841	0.0002
2024-02-09T14:43:44	1	0	1	1	0	1.0377	1.0376	-0.0001	0.9865	0.9865	0.0000
2024-02-09T14:43:57	1	0	3	3	0	1.0401	1.0401	-0.0001	0.9993	0.9993	0.0000
2024-02-09T14:44:13	2	0	7	7	0	1.0243	1.0243	0.0000	0.9998	0.9998	0.0000
2024-02-09T14:44:24	1	0	5	5	0	1.0401	1.0398	-0.0003	0.9926	0.9926	0.0000
2024-02-09T14:45:36	2	0	2	2	0	1.0339	1.0337	-0.0002	0.9871	0.9871	0.0000
2024-02-09T14:45:48	3	0	30	29	1	1.0525	1.0524	-0.0001	0.9878	0.9878	0.0000
2024-02-09T14:46:35	7	0	6	6	0	1.0282	1.0275	-0.0006	0.9882	0.9878	0.0004
2024-02-09T14:50:29	1	0	23	22	1	1.0537	1.0534	-0.0003	0.9926	0.9915	0.0011
2024-02-09T14:50:38	1	0	9	9	0	1.0280	1.0279	0.0000	0.8857	0.8853	0.0004
2024-02-09T14:54:10	2	0	2	0	2	1.0501	null	null	0.9992	0.9992	0.0000
2024-02-09T14:56:29	6	0	401	389	12	1.0559	1.0557	-0.0002	-0.9999	-0.9999	0.0000
2024-02-09T14:56:38	2	0	6	6	0	1.0560	1.0558	-0.0002	0.9879	0.9878	0.0001
2024-02-09T14:57:53	1	0	24	24	0	1.0467	1.0467	0.0000	0.9986	0.9986	0.0000
2024-02-09T14:58:47	2	0	5	5	0	1.0318	1.0317	0.0000	0.9928	0.9927	0.0001
2024-02-09T15:00:06	1	0	1	1	0	1.0301	1.0297	-0.0004	0.9583	0.9582	0.0001
2024-02-09T15:03:17	7	0	6	6	0	1.0254	1.0248	-0.0007	0.9823	0.9814	0.0009
2024-02-09T15:04:36	1	0	56	54	2	1.0498	1.0496	-0.0002	0.9793	0.9793	0.0000
2024-02-09T15:05:30	1	0	69	56	13	1.0571	1.0571	0.0000	0.9957	0.9948	0.0009
2024-02-09T15:05:39	2	0	1	1	0	0.9434	0.9437	0.0003	0.997	0.9971	-0.0001
2024-02-09T15:06:50	1	0	5	5	0	1.0256	1.0256	-0.0001	0.8484	0.8473	0.0011
2024-02-09T15:09:01	2	0	4	4	0	1.0425	1.0423	-0.0002	0.9837	0.9835	0.0002
2024-02-09T15:10:18	1	0	10	10	0	1.0508	1.0508	0.0000	-0.9997	-0.9997	0.0000
2024-02-09T15:13:54	1	0	109	109	0	1.0567	1.0566	-0.0001	0.9984	0.9984	0.0000
2024-02-09T15:15:59	3	0	1	1	0	0.9751	0.9760	0.0009	0.9773	0.9776	-0.0003
2024-02-09T15:20:33	1	0	20	17	3	1.0534	1.0529	-0.0005	0.997	0.9963	0.0007

2024-02-09T15:26:33	1	0	21	21	0	1.0432	1.0431	-0.0001	0.9983	0.9983	0.0000
2024-02-09T15:27:55	1	0	31	30	1	1.0474	1.0474	0.0001	-0.9984	-0.9985	0.0001
2024-02-09T15:34:35	1	0	1	1	0	1.0008	1.0004	-0.0004	0.9972	0.9972	0.0000
2024-02-09T15:36:05	2	0	5	5	0	1.0481	1.0480	-0.0001	1	1	0.0000
2024-02-09T15:43:42	1	0	33	33	0	1.0478	1.0478	0.0000	0.9906	0.9906	0.0000
2024-02-09T15:46:10	4	0	51	49	2	1.0560	1.0560	0.0000	-0.9748	-0.9752	0.0004
2024-02-09T15:48:15	1	0	4	4	0	0.9640	0.9643	0.0003	0.9894	0.9894	0.0000
2024-02-09T15:54:42	1	0	95	95	0	1.0561	1.0564	0.0004	0.9667	0.9669	-0.0002
2024-02-09T15:55:02	2	0	60	57	3	1.0536	1.0533	-0.0002	0.9548	0.9545	0.0003
2024-02-09T16:05:39	1	0	21	19	2	1.0540	1.0537	-0.0003	0.999	0.9988	0.0002
2024-02-09T16:15:14	3	0	64	63	1	1.0564	1.0564	-0.0001	0.9764	0.9763	0.0001
2024-02-09T16:22:08	3	0	1	0	1	1.0099	null	null	0.975	0.9751	-0.0001
2024-02-09T17:06:53	1	0	4	4	0	1.0304	1.0304	0.0000	0.9982	0.9982	0.0000
2024-02-10T07:50:11	2	0	156	155	1	0.9386	0.9387	0.0001	1	1	0.0000
2024-02-10T07:51:46	1	0	84	84	0	0.9286	0.9287	0.0001	0.9968	0.997	-0.0002
2024-02-10T08:00:41	1	0	128	127	1	1.0572	1.0572	0.0000	0.9982	0.9982	0.0000
2024-02-10T08:06:41	1	0	77	77	0	0.9714	0.9714	0.0000	0.9987	0.9987	0.0000
2024-02-10T08:10:11	2	0	307	306	1	1.0602	1.0602	0.0000	0.9998	0.9998	0.0000
2024-02-10T08:18:09	1	0	68	64	4	0.9398	0.9401	0.0003	0.9976	0.9976	0.0000
2024-02-10T08:21:18	1	0	32	32	0	1.0578	1.0578	0.0000	0.9999	0.9999	0.0000
2024-02-10T08:36:19	1	0	37	37	0	1.0611	1.0611	0.0000	0.9999	0.9999	0.0000
2024-02-10T08:42:47	1	0	83	83	0	1.0555	1.0554	-0.0001	0.987	0.987	0.0000
2024-02-10T08:51:20	1	0	37	37	0	1.0424	1.0423	0.0000	1	1	0.0000
2024-02-10T08:55:35	1	0	1	1	0	1.0246	1.0242	-0.0004	-0.9872	-0.987	-0.0002
2024-02-10T09:03:28	1	0	19	17	2	0.9425	0.9428	0.0004	0.9871	0.9872	-0.0001
2024-02-10T09:05:16	2	0	187	186	1	0.9324	0.9327	0.0003	0.995	0.9954	-0.0004
2024-02-10T09:06:51	1	0	50	44	6	0.9352	0.9356	0.0004	0.9995	0.9996	-0.0001
2024-02-10T09:10:21	2	0	224	220	4	1.0596	1.0595	-0.0001	0.999	0.999	0.0000
2024-02-10T09:10:36	1	0	2	2	0	1.0191	1.0185	-0.0006	-0.9841	-0.9838	-0.0003
2024-02-10T09:12:49	1	0	92	92	0	1.0569	1.0568	-0.0001	0.9857	0.9857	0.0000
2024-02-10T09:13:36	1	0	44	43	1	1.0518	1.0517	-0.0001	0.9958	0.9958	0.0000
2024-02-10T09:17:12	1	0	4	4	0	1.0337	1.0336	-0.0001	0.9951	0.9952	-0.0001
2024-02-10T09:18:13	1	0	54	38	16	0.9411	0.9421	0.0009	0.997	0.997	0.0000
2024-02-10T09:21:46	2	0	15	15	0	0.9633	0.9634	0.0002	0.9983	0.9984	-0.0001
2024-02-10T09:30:47	1	0	21	20	1	1.0514	1.0512	-0.0003	0.9995	0.9995	0.0000
2024-02-10T09:30:57	2	0	3	3	0	1.0109	1.0107	-0.0002	0.9969	0.9969	0.0000
2024-02-10T09:33:30	3	0	3	3	0	0.9801	0.9800	-0.0001	0.9864	0.9864	0.0000
2024-02-10T09:35:17	1	0	20	20	0	1.0511	1.0509	-0.0002	0.9726	0.9724	0.0002
2024-02-10T09:36:23	1	0	37	37	0	1.0612	1.0608	-0.0003	1	0.9999	0.0001
2024-02-10T09:36:50	1	0	4	4	0	1.0155	1.0153	-0.0002	0.9983	0.9983	0.0000
2024-02-10T09:50:18	1	0	15	15	0	1.0480	1.0478	-0.0002	0.9697	0.9695	0.0002
2024-02-10T09:51:54	2	0	18	18	0	0.9560	0.9559	-0.0001	0.9993	0.9994	-0.0001
2024-02-10T09:59:00	1	0	1	1	0	1.0595	1.0591	-0.0004	-0.9904	-0.9903	-0.0001
2024-02-10T10:00:39	3	0	1	1	0	0.9739	0.9749	0.0010	-0.9989	-0.9989	0.0000
2024-02-10T10:01:16	2	0	2	2	0	0.9889	0.9893	0.0003	-0.9738	-0.9728	-0.0010
2024-02-10T10:03:39	1	0	2	2	0	0.9354	0.9356	0.0003	-0.9976	-0.9976	0.0000
2024-02-10T10:04:14	1	0	4	4	0	0.9824	0.9822	-0.0002	0.9947	0.9946	0.0001
2024-02-10T10:05:12	1	0	26	25	1	1.0511	1.0509	-0.0002	0.9997	0.9997	0.0000
2024-02-10T10:05:19	1	0	43	42	1	0.9643	0.9696	0.0053	0.9692	0.96	0.0092
2024-02-10T10:05:23	6	0	2	1	1	1.0439	1.0399	-0.0040	-0.9988	-0.9989	0.0001
2024-02-10T10:06:25	1	0	32	31	1	1.0373	1.0372	-0.0001	0.9999	0.9999	0.0000
2024-02-10T10:07:42	1	0	16	16	0	1.0494	1.0493	-0.0001	0.9938	0.9937	0.0001
2024-02-10T10:09:20	1	0	36	36	0	1.0394	1.0393	-0.0001	0.9706	0.9706	0.0000
2024-02-10T10:10:51	1	0	39	37	2	0.9412	0.9416	0.0003	0.99	0.9901	-0.0001
2024-02-10T10:12:16	1	0	1	1	0	0.9888	0.9891	0.0003	-0.9873	-0.9872	-0.0001
2024-02-10T10:12:57	1	0	28	28	0	1.0458	1.0457	0.0000	0.9971	0.9971	0.0000
2024-02-10T10:13:39	1	0	3	3	0	1.0055	1.0054	-0.0001	0.9973	0.9973	0.0000
2024-02-10T10:15:14	2	0	1	0	1	1.0557	null	null	-0.9876	-0.9876	0.0000
2024-02-10T10:17:01	1	0	2	2	0	1.0015	1.0017	0.0001	0.9976	0.9976	0.0000
2024-02-10T10:21:26	1	0	32	31	1	1.0526	1.0525	-0.0001	1	1	0.0000
2024-02-10T10:21:53	2	0	10	10	0	1.0303	1.0303	0.0000	0.9984	0.9985	-0.0001
2024-02-10T10:25:41	3	0	2	2	0	1.0260	1.0206	-0.0054	-0.9812	-0.9811	-0.0001
2024-02-10T10:27:53	1	0	4	4	0	1.0264	1.0258	-0.0005	0.9987	0.9987	0.0000
2024-02-10T10:30:41	1	0	1	1	0	0.9719	0.9719	0.0000	-0.9986	-0.9986	0.0000
2024-02-10T10:32:02	2	0	3	3	0	1.0292	1.0287	-0.0005	0.9972	0.9971	0.0001
2024-02-10T10:33:34	1	0	1	1	0	1.0560	1.0557	-0.0003	0.9937	0.9937	0.0000
2024-02-10T10:35:22	2	0	247	244	3	0.9266	0.9267	0.0000	0.9926	0.9933	-0.0007
2024-02-10T10:36:54	1	0	12	11	1	0.9830	0.9764	-0.0067	0.9984	0.9984	0.0000
2024-02-10T10:39:23	1	0	2	0	2	1.0509	null	null	0.9996	0.9995	0.0001
2024-02-10T10:39:48	4	0	12	10	2	1.0483	1.0479	-0.0004	-1	-1	0.0000
2024-02-10T10:40:37	1	0	196	193	3	1.0577	1.0576	-0.0001	0.9994	0.9993	0.0001
2024-02-10T10:40:42	1	0	2	2	0	1.0197	1.0192	-0.0005	-0.9857	-0.9857	0.0000
2024-02-10T10:43:21	1	0	1	1	0	0.9988	0.9983	-0.0005	-0.9811	-0.9812	0.0001
2024-02-10T10:45:42	1	0	1	1	0	0.9718	0.9724	0.0006	-0.9987	-0.9986	-0.0001
2024-02-10T10:46:12	3	0	65	64	1	1.0531	1.0530	-0.0001	-0.9839	-0.9843	0.0004
2024-02-10T10:46:35	1	0	1	1	0	1.0396	1.0393	-0.0003	-0.9779	-0.978	0.0001
2024-02-10T10:47:13	6	0	15	14	1	1.0502	1.0485	-0.0017	-0.9996	-0.9996	0.0000
2024-02-10T10:48:32	2	0	2	0	2	1.0462	null	null	-0.9786	-0.9794	0.0008
2024-02-10T10:51:13	1	0	1	1	0	1.0286	1.0283	-0.0003	-0.9988	-0.9988	0.0000
2024-02-10T10:51:41	2	0	2	2	0	1.0458	1.0455	-0.0004	0.9998	0.9998	0.0000
2024-02-10T10:52:48	2	0	1	0	1	0.9721	null	null	0.9916	0.9917	-0.0001
2024-02-10T10:54:49	4	0	15	16	-1	1.0491	1.0488	-0.0004	1	1	0.0000
2024-02-10T10:55:43	1	0	1	1	0	1.0221	1.0206	-0.0015	-0.9841	-0.983	-0.0011
2024-02-10T10:58:38	1	0	15	15	0	1.0515	1.0514	-0.0002	-0.9683	-0.9684	0.0001
2024-02-10T10:59:49	1	0	1	1	0	1.0160	1.0155	-0.0005	0.9819	0.9819	0.0000

2024-02-10T11:00:36	1	0	9	9	0	1.0466	1.0464	-0.0002	-0.9999	-0.9999	0.0000
2024-02-10T11:00:46	3	0	58	59	-1	1.0751	1.0749	-0.0001	0.9721	0.9865	-0.0144
2024-02-10T11:01:13	2	0	19	18	1	1.0482	1.0478	-0.0004	-0.9955	-0.9956	0.0001
2024-02-10T11:02:14	2	0	16	16	0	1.0494	1.0492	-0.0002	-0.9998	-0.9998	0.0000
2024-02-10T11:03:33	1	0	2	0	2	1.0458	null	null	-0.9792	-0.9797	0.0005
2024-02-10T11:04:00	1	0	1	1	0	1.0422	1.0419	-0.0003	-0.9915	-0.9915	0.0000
2024-02-10T11:05:52	1	0	2	2	0	1.0555	1.0553	-0.0002	-0.8712	-0.8738	0.0026
2024-02-10T11:09:24	3	0	18	18	0	1.0444	1.0444	0.0000	0.9715	0.9713	0.0002
2024-02-10T11:09:25	1	0	1	1	0	1.0414	1.0411	-0.0003	-1	-1	0.0000
2024-02-10T11:09:45	3	0	1	1	0	1.0569	1.0560	-0.0009	-0.9921	-0.9923	0.0002
2024-02-10T11:10:46	1	0	194	193	1	0.9365	0.9366	0.0001	0.9405	0.9403	0.0002
2024-02-10T11:13:03	3	0	22	22	0	1.0477	1.0476	-0.0001	0.9972	0.9971	0.0001
2024-02-10T11:15:49	3	0	63	63	0	1.0625	1.0625	0.0000	0.9921	0.9791	0.0130
2024-02-10T11:18:34	1	0	2	0	2	1.0455	null	null	-0.9805	-0.9809	0.0004
2024-02-10T11:18:44	2	0	1	1	0	0.9384	0.9385	0.0001	-0.9914	-0.9916	0.0002
2024-02-10T11:25:45	1	0	1	1	0	1.0204	1.0161	-0.0043	-0.986	-0.9864	0.0004
2024-02-10T11:27:43	1	0	1	0	1	1.0553	null	null	1	-0.9998	-0.0002
2024-02-10T11:29:02	1	0	3	3	0	1.0078	1.0078	0.0000	0.9986	0.9986	0.0000
2024-02-10T11:30:51	2	0	64	64	0	1.0620	1.0605	-0.0015	0.9924	0.9794	0.0130
2024-02-10T11:31:21	3	0	18	18	0	1.0485	1.0484	-0.0001	-0.9948	-0.9949	0.0001
2024-02-10T11:32:29	1	0	1	0	1	1.0555	null	null	0.9913	0.9913	0.0000
2024-02-10T11:33:35	2	0	2	2	0	1.0477	1.0465	-0.0012	-0.9779	-0.9785	0.0006
2024-02-10T11:36:53	1	0	198	89	109	0.8715	0.8910	0.0196	0.9966	0.9997	-0.0031
2024-02-10T11:39:26	4	0	33	31	2	1.0407	1.0410	0.0003	0.9727	0.9731	-0.0004
2024-02-10T11:41:05	3	0	226	223	3	1.0586	1.0584	-0.0002	0.9995	0.9995	0.0000
2024-02-10T11:41:46	1	0	1	1	0	1.0559	1.0551	-0.0008	-0.9533	-0.9534	0.0001
2024-02-10T11:44:07	1	0	4	4	0	0.9891	0.9891	0.0000	0.9988	0.9988	0.0000
2024-02-10T11:44:17	1	0	18	17	1	1.0474	1.0470	-0.0005	-0.9712	-0.9711	-0.0001
2024-02-10T11:45:53	2	0	8	9	-1	1.0402	1.0415	0.0014	0.9792	0.9797	-0.0005
2024-02-10T11:46:25	3	0	21	21	0	1.0491	1.0490	-0.0001	-0.9953	-0.9955	0.0002
2024-02-10T11:47:30	1	0	1	0	1	1.0552	null	null	0.9915	0.9915	0.0000
2024-02-10T11:48:36	2	0	2	2	0	1.0469	1.0462	-0.0008	-0.9751	-0.971	-0.0041
2024-02-10T11:48:39	5	0	7	9	-2	0.9514	0.9619	0.0105	0.9834	0.9835	-0.0001
2024-02-10T11:50:19	1	0	27	26	1	1.0507	1.0504	-0.0003	0.9999	0.9999	0.0000
2024-02-10T11:51:17	1	0	1	0	1	1.0291	null	null	-0.9969	-0.9972	0.0003
2024-02-10T12:03:37	2	0	2	2	0	1.0468	1.0464	-0.0004	-0.984	-0.9843	0.0003
2024-02-10T12:04:05	2	0	3	3	0	1.0250	1.0247	-0.0003	-0.9975	-0.9975	0.0000
2024-02-10T12:05:35	1	0	1	0	1	1.0554	null	null	-0.9815	-0.9815	0.0000
2024-02-10T12:06:18	1	0	1	0	1	1.0296	null	null	-0.9973	-0.9976	0.0003
2024-02-10T12:17:57	1	0	10	9	1	1.0461	1.0448	-0.0013	0.9668	0.9667	0.0001
2024-02-10T12:24:29	4	0	69	69	0	1.0518	1.0517	0.0000	0.9745	0.9744	0.0001
2024-02-10T12:29:53	1	0	8	7	1	1.0512	1.0499	-0.0013	0.9922	0.9922	0.0000
2024-02-10T12:31:31	2	0	23	22	1	1.0498	1.0493	-0.0005	-0.9951	-0.9954	0.0003
2024-02-10T12:33:42	5	0	2	3	-1	1.0168	1.0036	-0.0132	0.984	0.9841	-0.0001
2024-02-10T12:45:57	2	0	4	4	0	1.0389	1.0387	-0.0002	0.9887	0.9884	0.0003
2024-02-10T12:48:40	1	0	8	7	1	1.0508	1.0497	-0.0011	-0.9752	-0.9753	0.0001
2024-02-10T13:00:58	2	0	6	6	0	1.0421	1.0415	-0.0006	0.9928	0.9778	0.0150
2024-02-10T13:05:39	1	0	22	21	1	1.0516	1.0514	-0.0002	0.9732	0.9732	0.0000
2024-02-10T13:06:45	1	0	1	1	0	1.0279	1.0276	-0.0003	0.9822	0.9817	0.0005
2024-02-10T13:16:01	1	0	65	65	0	1.0659	1.0658	-0.0001	0.9916	0.9914	0.0002
2024-02-10T13:18:45	1	0	1	1	0	1.0560	1.0555	-0.0005	0.9843	0.9842	0.0001
2024-02-10T13:22:00	1	0	212	211	1	0.8609	0.8646	0.0037	0.9928	0.9937	-0.0009
2024-02-10T13:39:00	1	0	2	2	0	1.0418	1.0418	0.0000	0.999	0.999	0.0000
2024-02-10T13:41:18	3	0	211	212	-1	1.0583	1.0582	-0.0001	0.9985	0.9985	0.0000
2024-02-10T13:45:24	1	0	52	51	1	1.0473	1.0471	-0.0002	-0.9972	-0.9972	0.0000
2024-02-10T13:48:44	1	0	5	3	2	1.0489	1.0469	-0.0021	-0.9783	-0.9788	0.0005
2024-02-10T13:48:47	1	0	49	48	1	0.9441	0.9442	0.0001	0.9827	0.9827	0.0000
2024-02-10T13:50:19	2	0	7	7	0	1.0543	1.0543	0.0000	-0.8089	-0.8088	-0.0001
2024-02-10T13:53:09	3	0	8	8	0	1.0554	1.0553	-0.0001	-0.9728	-0.973	0.0002
2024-02-10T13:55:55	3	0	4	5	-1	1.0226	1.0233	0.0007	-0.9829	-0.982	-0.0009
2024-02-10T14:03:09	1	0	16	16	0	1.0487	1.0487	-0.0001	0.9544	0.9542	0.0002
2024-02-10T14:03:45	2	0	8	6	2	1.0499	1.0470	-0.0030	-0.9822	-0.9829	0.0007
2024-02-10T14:03:48	1	0	1	1	0	1.0580	1.0578	-0.0002	0.9899	0.9899	0.0000
2024-02-10T14:04:13	1	0	5	5	0	1.0538	1.0536	-0.0002	-0.9948	-0.9948	0.0000
2024-02-10T14:05:20	2	0	8	8	0	1.0555	1.0555	0.0000	-0.7948	-0.7948	0.0000
2024-02-10T14:05:28	1	0	27	26	1	1.0537	1.0536	-0.0001	0.9966	0.9966	0.0000
2024-02-10T14:05:43	3	0	17	15	2	1.0483	1.0472	-0.0011	0.9699	0.97	-0.0001
2024-02-10T14:08:10	3	0	7	7	0	1.0554	1.0554	0.0000	-0.9732	-0.9733	0.0001
2024-02-10T14:10:02	3	0	1	2	-1	1.0619	1.0587	-0.0033	-0.998	-0.9979	-0.0001
2024-02-10T14:10:52	2	0	1	0	1	1.0057	null	null	-0.9987	-0.9986	-0.0001
2024-02-10T14:10:56	3	0	6	6	0	1.0250	1.0247	-0.0003	-0.979	-0.9789	-0.0001
2024-02-10T14:11:29	3	0	276	273	3	1.0606	1.0604	-0.0002	0.9997	0.9997	0.0000
2024-02-10T14:15:49	1	0	2	3	-1	1.0454	1.0453	-0.0001	0.9968	0.9968	0.0000
2024-02-10T14:15:56	6	0	1	0	1	1.0553	null	null	-0.9947	-0.9947	0.0000
2024-02-10T14:16:18	3	0	5	5	0	1.0201	1.0199	-0.0002	0.9975	0.9975	0.0000
2024-02-10T14:16:49	2	0	6	7	-1	1.0471	1.0469	-0.0002	-0.9856	-0.9856	0.0000
2024-02-10T14:17:40	1	0	1	1	0	1.0566	1.0564	-0.0002	0.991	0.991	0.0000
2024-02-10T14:18:10	1	0	5	5	0	1.0494	1.0494	0.0000	0.9571	0.957	0.0001
2024-02-10T14:18:46	2	0	5	4	1	1.0496	1.0470	-0.0025	-0.9815	-0.9823	0.0008
2024-02-10T14:19:14	4	0	2	2	0	1.0515	1.0511	-0.0004	-0.995	-0.9951	0.0001
2024-02-10T14:20:44	2	0	22	22	0	1.0535	1.0533	-0.0002	0.9757	0.9755	0.0002
2024-02-10T14:21:42	2	0	30	29	1	1.0589	1.0588	0.0000	-0.9994	-0.9994	0.0000
2024-02-10T14:24:37	4	0	45	44	1	1.0482	1.0481	-0.0001	0.9731	0.9728	0.0003
2024-02-10T14:25:03	2	0	1	1	0	1.0610	1.0608	-0.0002	-0.9978	-0.9979	0.0001
2024-02-10T14:25:03	4	0	32	31	1	1.0526	1.0527	0.0001	-0.9977	-0.9985	0.0008

2024-02-10T14:25:57	3	0	4	4	0	1.0253	1.0251	-0.0002	-0.983	-0.9829	-0.0001
2024-02-10T14:26:35	1	0	2	2	0	1.0426	1.0424	-0.0002	0.9938	0.9938	0.0000
2024-02-10T14:26:36	3	0	314	308	6	1.0605	1.0602	-0.0003	0.9996	0.9989	0.0007
2024-02-10T14:26:57	1	0	4	4	0	1.0493	1.0493	0.0000	-0.9435	-0.9434	-0.0001
2024-02-10T14:27:22	2	0	15	14	1	1.0455	1.0460	0.0004	-0.9551	-0.9553	0.0002
2024-02-10T14:29:26	1	0	3	3	0	1.0126	1.0126	-0.0001	0.997	0.997	0.0000
2024-02-10T14:30:50	1	0	2	2	0	1.0455	1.0454	-0.0001	0.9972	0.9972	0.0000
2024-02-10T14:31:25	6	0	6	6	0	1.0216	1.0211	-0.0005	0.9981	0.998	0.0001
2024-02-10T14:32:08	1	0	2	2	0	1.0369	1.0364	-0.0005	-0.9983	-0.9984	0.0001
2024-02-10T14:32:41	1	0	1	1	0	1.0582	1.0580	-0.0002	0.9922	0.9922	0.0000
2024-02-10T14:33:47	2	0	6	5	1	1.0468	1.0461	-0.0007	-0.9796	-0.9805	0.0009
2024-02-10T14:33:50	4	0	88	83	5	0.9332	0.9337	0.0005	0.9785	0.9787	-0.0002
2024-02-10T14:35:02	4	0	1	0	1	1.0451	null	null	0.9789	0.9787	0.0002
2024-02-10T14:35:30	1	0	29	28	1	1.0538	1.0537	0.0000	0.9957	0.9956	0.0001
2024-02-10T14:35:45	4	0	13	13	0	1.0465	1.0464	-0.0001	0.9763	0.9655	0.0108
2024-02-10T14:36:08	2	0	12	11	1	1.0539	1.0545	0.0006	-0.6356	-0.642	0.0064
2024-02-10T14:36:28	1	0	4	4	0	1.0364	1.0363	0.0000	-0.996	-0.996	0.0000
2024-02-10T14:36:43	2	0	34	32	2	1.0611	1.0608	-0.0003	-0.9996	-0.9996	0.0000
2024-02-10T14:37:48	1	0	15	15	0	1.0490	1.0490	0.0000	-0.9991	-0.9991	0.0000
2024-02-10T14:40:04	6	0	34	33	1	1.0530	1.0532	0.0002	-0.9981	-0.998	-0.0001
2024-02-10T14:41:00	3	0	4	4	0	1.0213	1.0212	-0.0002	-0.9847	-0.9846	-0.0001
2024-02-10T14:41:36	1	0	2	2	0	1.0420	1.0420	0.0000	0.992	0.992	0.0000
2024-02-10T14:41:41	3	0	290	283	7	1.0605	1.0603	-0.0002	0.9997	0.9992	0.0005
2024-02-10T14:41:58	1	0	4	4	0	1.0498	1.0498	0.0000	-0.9464	-0.9463	-0.0001
2024-02-10T14:44:31	1	0	3	3	0	1.0260	1.0259	-0.0001	0.9979	0.9979	0.0000
2024-02-10T14:45:32	1	0	1	1	0	1.0249	1.0244	-0.0005	-0.9877	-0.9878	0.0001
2024-02-10T14:45:51	1	0	2	2	0	1.0455	1.0455	0.0000	0.9969	0.9969	0.0000
2024-02-10T14:46:07	4	0	89	89	0	1.0523	1.0523	-0.0001	-0.8776	-0.8784	0.0008
2024-02-10T14:46:08	1	0	77	76	1	1.0559	1.0559	0.0000	0.9994	0.9994	0.0000
2024-02-10T14:46:09	2	0	10	10	0	1.0482	1.0479	-0.0003	0.9788	0.9781	0.0007
2024-02-10T14:48:48	1	0	5	4	1	1.0495	1.0470	-0.0026	-0.9841	-0.9847	0.0006
2024-02-10T14:48:51	1	0	1	1	0	1.0554	1.0550	-0.0004	0.9832	0.9831	0.0001
2024-02-10T14:49:16	5	0	6	6	0	1.0339	1.0333	-0.0006	-0.9956	-0.9957	0.0001
2024-02-10T14:50:14	1	0	2	2	0	1.0326	1.0323	-0.0003	0.9821	0.982	0.0001
2024-02-10T14:51:44	1	0	31	30	1	1.0606	1.0605	-0.0001	-0.9996	-0.9996	0.0000
2024-02-10T14:52:14	2	0	26	25	1	0.9473	0.9391	-0.0082	-0.9999	-0.9998	-0.0001
2024-02-10T14:52:58	1	0	1	1	0	1.0407	1.0404	-0.0003	-1	-1	0.0000
2024-02-10T14:54:39	4	0	76	76	0	1.0527	1.0527	0.0000	0.9763	0.9763	0.0000
2024-02-10T14:55:07	1	0	9	9	0	1.0438	1.0437	-0.0001	-0.9856	-0.9856	0.0000
2024-02-10T14:55:11	3	0	1	1	0	1.0597	1.0596	-0.0001	-0.997	-0.997	0.0000
2024-02-10T14:57:54	1	0	4	4	0	1.0423	1.0421	-0.0002	-0.9925	-0.9926	0.0001
2024-02-10T15:00:03	1	0	5	5	0	1.0515	1.0514	-0.0001	0.9922	0.9921	0.0001
2024-02-10T15:00:31	7	0	12	12	0	1.0300	1.0292	-0.0008	0.9849	0.984	0.0009
2024-02-10T15:03:49	1	0	4	3	1	1.0475	1.0470	-0.0005	-0.9826	-0.9833	0.0007
2024-02-10T15:05:43	2	0	8	8	0	1.0479	1.0475	-0.0003	-0.9925	-0.9926	0.0001
2024-02-10T15:05:57	1	0	2	2	0	1.0485	1.0482	-0.0003	-0.9556	-0.9542	-0.0014
2024-02-10T15:06:45	1	0	34	34	0	1.0594	1.0592	-0.0002	-0.9998	-0.9999	0.0001
2024-02-10T15:09:41	2	0	48	38	10	1.0581	1.0578	-0.0004	-0.9967	-0.9963	-0.0004
2024-02-10T15:10:05	1	0	3	0	3	1.0451	null	null	0.9714	0.9714	0.0000
2024-02-10T15:12:38	1	0	3	3	0	1.0143	1.0142	-0.0001	0.9734	0.9733	0.0001
2024-02-10T15:16:53	2	0	2	2	0	1.0319	1.0318	-0.0001	-0.985	-0.9849	-0.0001
2024-02-10T15:17:31	2	0	53	51	2	1.0553	1.0549	-0.0004	-0.9982	-0.9981	-0.0001
2024-02-10T15:18:14	1	0	14	13	1	1.0463	1.0466	0.0002	0.9705	0.9704	0.0001
2024-02-10T15:20:05	4	0	1	0	1	1.0453	null	null	0.9843	0.9839	0.0004
2024-02-10T15:20:20	1	0	18	12	6	1.0551	1.0529	-0.0022	0.999	0.998	0.0010
2024-02-10T15:21:46	1	0	34	34	0	1.0596	1.0594	-0.0002	-0.9994	-0.9995	0.0001
2024-02-10T15:24:42	1	0	1	0	1	1.0633	null	null	-0.9999	-0.9999	0.0000
2024-02-10T15:31:38	1	0	1	1	0	1.0230	1.0227	-0.0003	-0.9566	-0.9559	-0.0007
2024-02-10T15:34:19	3	0	1	1	0	1.0482	1.0481	-0.0001	-0.9952	-0.9952	0.0000
2024-02-10T15:36:47	1	0	35	34	1	1.0597	1.0596	-0.0001	-0.9989	-0.9989	0.0000
2024-02-10T15:39:43	1	0	2	1	1	1.0527	1.0458	-0.0069	1	0.9999	0.0001
2024-02-10T15:41:04	1	0	1	2	-1	1.0256	1.0214	-0.0042	-0.9795	-0.9789	-0.0006
2024-02-10T15:42:27	1	0	22	21	1	1.0467	1.0470	0.0002	-0.9418	-0.9421	0.0003
2024-02-10T15:47:33	2	0	67	64	3	1.0564	1.0563	0.0000	-0.9972	-0.9971	-0.0001
2024-02-10T15:48:52	1	0	4	3	1	1.0471	1.0468	-0.0003	-0.9762	-0.9721	-0.0041
2024-02-10T15:50:27	2	0	7	7	0	1.0542	1.0542	0.0000	-0.7941	-0.7941	0.0000
2024-02-10T15:51:48	1	0	32	31	1	1.0590	1.0589	-0.0001	-0.9993	-0.9993	0.0000
2024-02-10T15:56:05	1	0	4	4	0	1.0160	1.0154	-0.0006	-0.9824	-0.9853	0.0029
2024-02-10T16:01:03	3	0	1	1	0	0.9780	0.9783	0.0003	0.9995	0.9995	0.0000
2024-02-10T16:01:13	1	0	36	28	8	1.0534	1.0526	-0.0008	0.9966	0.9965	0.0001
2024-02-10T16:03:53	1	0	8	8	0	1.0471	1.0466	-0.0005	-0.9771	-0.973	-0.0041
2024-02-10T16:06:49	1	0	34	34	0	1.0606	1.0605	-0.0001	-0.9992	-0.9993	0.0001
2024-02-10T16:13:22	2	0	10	10	0	1.0312	1.0311	-0.0001	0.9997	0.9996	0.0001
2024-02-10T16:15:36	1	0	90	88	2	1.0547	1.0546	0.0000	0.9957	0.9957	0.0000
2024-02-10T16:16:58	3	0	11	11	0	1.0227	1.0226	-0.0001	0.9979	0.9978	0.0001
2024-02-10T16:21:50	1	0	36	36	0	1.0611	1.0610	-0.0001	-0.9992	-0.9992	0.0000
2024-02-10T16:22:10	3	0	2	2	0	1.0128	1.0125	-0.0004	0.9959	0.996	-0.0001
2024-02-10T16:26:07	1	0	1	1	0	1.0266	1.0260	-0.0006	-0.985	-0.982	-0.0030
2024-02-10T16:33:55	1	0	2	0	2	1.0452	null	null	-0.9788	-0.9791	0.0003
2024-02-10T16:36:51	1	0	31	30	1	1.0591	1.0590	-0.0001	-0.9995	-0.9995	0.0000
2024-02-10T16:48:56	1	0	2	1	1	1.0455	1.0452	-0.0004	-0.9858	-0.986	0.0002
2024-02-10T16:51:52	1	0	35	35	0	1.0602	1.0602	0.0000	-0.9996	-0.9996	0.0000
2024-02-10T17:21:54	1	0	34	34	0	1.0596	1.0595	0.0000	-0.9998	-0.9998	0.0000
2024-02-11T07:50:09	2	0	108	107	1	0.9396	0.9398	0.0001	-1	-1	0.0000
2024-02-11T08:06:38	1	0	24	24	0	1.0372	1.0371	-0.0001	0.9937	0.9941	-0.0004

2024-02-11T08:13:30	1	0	2	2	0	1.0264	1.0261	-0.0003	0.9996	0.9995	0.0001
2024-02-11T08:21:45	1	0	42	42	0	0.9364	0.9365	0.0002	0.9986	0.9988	-0.0002
2024-02-11T08:25:15	2	0	230	230	0	1.0597	1.0596	0.0000	0.9993	0.9993	0.0000
2024-02-11T08:25:28	1	0	3	3	0	1.0071	1.0070	-0.0001	-0.9884	-0.9881	-0.0003
2024-02-11T08:36:35	1	0	4	4	0	0.9682	0.9684	0.0002	0.9915	0.9915	0.0000
2024-02-11T08:40:33	1	0	509	506	3	0.9021	0.9021	0.0000	0.9553	0.9479	0.0074
2024-02-11T08:51:36	1	0	4	4	0	0.9649	0.9651	0.0002	0.992	0.9922	-0.0002
2024-02-11T08:51:47	1	0	12	12	0	0.9423	0.9423	0.0000	0.9993	0.9994	-0.0001
2024-02-11T09:01:49	1	0	5	5	0	1.0460	1.0460	0.0000	-0.9791	-0.9791	0.0000
2024-02-11T09:03:10	1	0	14	11	3	0.9965	1.0107	0.0142	0.996	0.9959	0.0001
2024-02-11T09:03:46	1	0	1	1	0	1.0399	1.0399	0.0000	-0.9936	-0.9937	0.0001
2024-02-11T09:05:14	2	0	123	118	5	0.9400	0.9407	0.0007	0.9972	0.9974	-0.0002
2024-02-11T09:06:37	2	0	4	4	0	0.9675	0.9682	0.0007	0.9903	0.9906	-0.0003
2024-02-11T09:09:13	1	0	3	3	0	1.0468	1.0465	-0.0003	0.9958	0.9957	0.0001
2024-02-11T09:12:31	1	0	7	7	0	1.0433	1.0433	-0.0001	-1	-1	0.0000
2024-02-11T09:18:25	2	0	102	101	1	0.9367	0.9371	0.0003	0.9798	0.98	-0.0002
2024-02-11T09:20:12	1	0	3	3	0	1.0367	1.0366	-0.0002	0.9602	0.9601	0.0001
2024-02-11T09:21:39	2	0	4	4	0	0.9704	0.9709	0.0005	0.9919	0.992	-0.0001
2024-02-11T09:21:43	1	0	36	34	2	1.0585	1.0572	-0.0013	0.9958	0.9958	0.0000
2024-02-11T09:25:29	2	0	142	140	2	1.0583	1.0582	-0.0001	0.9984	0.9984	0.0000
2024-02-11T09:25:32	2	0	2	2	0	1.0030	1.0025	-0.0005	-0.9909	-0.9908	-0.0001
2024-02-11T09:30:54	2	0	4	4	0	1.0220	1.0218	-0.0002	0.9986	0.9986	0.0000
2024-02-11T09:35:18	6	0	1	1	0	0.9794	0.9805	0.0011	-0.9988	-0.9988	0.0000
2024-02-11T09:36:20	1	0	31	31	0	1.0573	1.0569	-0.0003	0.9999	0.9999	0.0000
2024-02-11T09:44:19	3	0	26	22	4	1.0537	1.0528	-0.0008	1	1	0.0000
2024-02-11T09:45:35	2	0	2	2	0	0.9786	0.9789	0.0003	0.998	0.9981	-0.0001
2024-02-11T09:48:27	1	0	2	2	0	1.0487	1.0475	-0.0011	-0.98	-0.9803	0.0003
2024-02-11T09:48:34	1	0	1	1	0	0.9445	0.9448	0.0003	-0.9915	-0.9914	-0.0001
2024-02-11T09:48:52	1	0	1	1	0	1.0465	1.0462	-0.0003	-0.9992	-0.9992	0.0000
2024-02-11T09:49:11	1	0	30	30	0	0.9442	0.9442	0.0000	0.9736	0.9735	0.0001
2024-02-11T09:50:19	6	0	10	9	1	1.0467	1.0461	-0.0006	-0.9992	-0.9992	0.0000
2024-02-11T09:51:41	13	0	2	0	2	0.9590	null	null	0.9903	0.9909	-0.0006
2024-02-11T09:51:51	2	0	14	13	1	0.9505	0.9425	-0.0080	0.9997	0.9997	0.0000
2024-02-11T09:58:14	1	0	1	1	0	0.9991	0.9987	-0.0004	-0.9829	-0.9826	-0.0003
2024-02-11T09:58:57	1	0	2	2	0	1.0489	1.0488	-0.0002	-0.9933	-0.9933	0.0000
2024-02-11T09:59:20	4	0	30	28	2	1.0537	1.0535	-0.0001	0.9979	0.9979	0.0000
2024-02-11T10:00:10	4	0	2	0	2	1.0412	null	null	-0.9925	-0.9925	0.0000
2024-02-11T10:00:29	2	0	27	27	0	1.0475	1.0474	-0.0001	-0.9978	-0.9978	0.0000
2024-02-11T10:00:42	2	0	5	5	0	1.0449	1.0433	-0.0016	0.9893	0.9766	0.0127
2024-02-11T10:02:07	4	0	4	4	0	1.0426	1.0416	-0.0009	-1	-1	0.0000
2024-02-11T10:03:28	1	0	2	2	0	1.0482	1.0473	-0.0009	-0.9823	-0.9828	0.0005
2024-02-11T10:03:48	1	0	5	5	0	1.0425	1.0424	-0.0001	-0.9788	-0.9788	0.0000
2024-02-11T10:03:53	2	0	3	3	0	1.0374	1.0368	-0.0005	-0.9992	-0.9992	0.0000
2024-02-11T10:05:15	1	0	16	16	0	1.0485	1.0484	-0.0002	0.965	0.9648	0.0002
2024-02-11T10:06:44	1	0	2	2	0	0.9409	0.9413	0.0004	0.999	0.9988	0.0002
2024-02-11T10:06:46	2	0	41	37	4	1.0181	1.0312	0.0131	0.9953	0.9953	0.0000
2024-02-11T10:13:35	1	0	5	5	0	0.9820	0.9820	0.0000	0.9962	0.9962	0.0000
2024-02-11T10:15:30	3	0	27	27	0	1.0478	1.0477	-0.0001	-0.997	-0.9971	0.0001
2024-02-11T10:17:00	2	0	4	4	0	1.0250	1.0247	-0.0004	0.9975	0.9974	0.0001
2024-02-11T10:17:08	2	0	3	3	0	1.0378	1.0373	-0.0005	-0.9999	-0.9999	0.0000
2024-02-11T10:18:29	1	0	2	2	0	1.0484	1.0475	-0.0010	-0.9824	-0.983	0.0006
2024-02-11T10:18:55	3	0	1	1	0	1.0460	1.0455	-0.0005	-0.9993	-0.9993	0.0000
2024-02-11T10:21:23	1	0	26	24	2	1.0563	1.0562	-0.0001	0.9999	0.9999	0.0000
2024-02-11T10:29:06	1	0	30	30	0	1.0480	1.0479	-0.0001	-0.9673	-0.9674	0.0001
2024-02-11T10:29:44	1	0	37	37	0	0.9443	0.9442	0.0000	0.9806	0.9805	0.0001
2024-02-11T10:33:30	1	0	2	2	0	1.0481	1.0472	-0.0009	-0.9795	-0.9838	0.0043
2024-02-11T10:33:37	3	0	1	0	1	1.0457	null	null	-0.9915	-0.9917	0.0002
2024-02-11T10:33:55	1	0	1	1	0	1.0476	1.0476	0.0000	-0.9992	-0.9992	0.0000
2024-02-11T10:33:59	1	0	62	58	4	0.9413	0.9411	-0.0002	0.9718	0.9716	0.0002
2024-02-11T10:35:17	1	0	18	18	0	1.0442	1.0442	0.0000	0.9617	0.9619	-0.0002
2024-02-11T10:35:47	1	0	2	2	0	1.0544	1.0542	-0.0002	-0.8041	-0.807	0.0029
2024-02-11T10:36:48	1	0	35	32	3	1.0590	1.0587	-0.0003	0.9959	0.9959	0.0000
2024-02-11T10:41:17	1	0	1	1	0	1.0583	1.0580	-0.0003	0.9942	0.9941	0.0001
2024-02-11T10:45:13	1	0	2	1	1	1.0430	1.0269	-0.0161	-0.9933	-0.9934	0.0001
2024-02-11T10:45:32	1	0	29	29	0	1.0478	1.0478	-0.0001	-0.9975	-0.9975	0.0000
2024-02-11T10:46:16	2	0	1	1	0	0.9940	0.9950	0.0010	-0.9579	-0.9566	-0.0013
2024-02-11T10:46:32	2	0	1	1	0	1.0433	1.0428	-0.0005	-0.998	-0.998	0.0000
2024-02-11T10:47:17	1	0	1	1	0	1.0410	1.0408	-0.0002	0.9889	0.9889	0.0000
2024-02-11T10:47:23	1	0	1	1	0	1.0573	1.0564	-0.0009	0.994	0.9939	0.0001
2024-02-11T10:47:54	1	0	21	20	1	1.0493	1.0493	0.0000	0.9758	0.9755	0.0003
2024-02-11T10:48:31	1	0	2	2	0	1.0480	1.0468	-0.0012	-0.977	-0.9777	0.0007
2024-02-11T10:48:38	2	0	3	3	0	1.0499	1.0495	-0.0004	-0.9902	-0.9902	0.0000
2024-02-11T10:49:59	1	0	3	3	0	1.0487	1.0486	-0.0001	0.9962	0.9961	0.0001
2024-02-11T10:50:23	2	0	9	9	0	1.0476	1.0475	0.0000	-0.9989	-0.9989	0.0000
2024-02-11T10:52:39	1	0	2	2	0	1.0398	1.0397	-0.0002	-1	-1	0.0000
2024-02-11T11:00:33	1	0	34	34	0	1.0480	1.0479	0.0000	-0.9978	-0.9978	0.0000
2024-02-11T11:00:46	1	0	4	4	0	1.0031	1.0035	0.0004	0.9788	0.9609	0.0179
2024-02-11T11:01:06	1	0	5	5	0	1.0238	1.0236	-0.0002	0.9983	0.9983	0.0000
2024-02-11T11:01:23	1	0	2	2	0	1.0393	1.0390	-0.0003	0.9974	0.9974	0.0000
2024-02-11T11:03:32	1	0	2	2	0	1.0469	1.0458	-0.0012	-0.979	-0.9797	0.0007
2024-02-11T11:03:54	1	0	1	1	0	1.0412	1.0409	-0.0003	-0.9961	-0.9961	0.0000
2024-02-11T11:04:48	1	0	1	1	0	1.0560	1.0554	-0.0006	0.9957	0.9954	0.0003
2024-02-11T11:05:28	1	0	32	31	1	1.0491	1.0491	0.0000	-0.9932	-0.9932	0.0000
2024-02-11T11:06:10	1	0	1	1	0	1.0307	1.0304	-0.0003	-0.9999	-0.9999	0.0000
2024-02-11T11:10:37	2	0	1	0	1	1.0059	null	null	-0.9994	-0.9994	0.0000

2024-02-11T11:10:39	2	0	20	18	2	0.9468	0.9475	0.0007	-0.9964	-0.9963	-0.0001
2024-02-11T11:11:10	1	0	164	156	8	1.0592	1.0590	-0.0002	0.9985	0.9984	0.0001
2024-02-11T11:14:09	1	0	22	21	1	1.0480	1.0476	-0.0004	-0.9659	-0.9658	-0.0001
2024-02-11T11:15:49	1	0	5	5	0	1.0323	1.0322	0.0000	0.988	0.9876	0.0004
2024-02-11T11:15:50	1	0	30	31	-1	1.0541	1.0540	0.0000	-0.9035	-0.9031	-0.0004
2024-02-11T11:18:33	1	0	2	2	0	1.0483	1.0469	-0.0013	-0.9768	-0.9775	0.0007
2024-02-11T11:18:40	1	0	2	2	0	0.9936	0.9938	0.0001	-0.992	-0.992	0.0000
2024-02-11T11:21:37	2	0	3	3	0	1.0518	1.0515	-0.0003	-1	-1	0.0000
2024-02-11T11:21:47	1	0	3	3	0	0.9585	0.9590	0.0005	0.9891	0.9894	-0.0003
2024-02-11T11:21:51	2	0	10	10	0	1.0081	1.0085	0.0004	0.9943	0.9944	-0.0001
2024-02-11T11:22:32	2	0	1	0	1	1.0551	null	null	0.9979	0.9979	0.0000
2024-02-11T11:26:41	1	0	1	0	1	1.0556	null	null	1	0.9999	0.0001
2024-02-11T11:27:36	1	0	2	0	2	1.0571	null	null	0.9999	0.9999	0.0000
2024-02-11T11:28:58	1	0	3	3	0	1.0044	1.0043	-0.0001	0.9977	0.9977	0.0000
2024-02-11T11:29:10	2	0	41	40	1	1.0498	1.0495	-0.0003	-0.9646	-0.9645	-0.0001
2024-02-11T11:30:16	1	0	1	0	1	1.0579	null	null	-0.9938	-0.9938	0.0000
2024-02-11T11:30:51	1	0	36	36	0	1.0509	1.0509	0.0000	-0.8972	-0.9031	0.0059
2024-02-11T11:30:52	1	0	7	7	0	1.0237	1.0238	0.0002	0.9862	0.9864	-0.0002
2024-02-11T11:32:20	1	0	6	5	1	0.9543	0.9568	0.0025	0.9884	0.9884	0.0000
2024-02-11T11:33:34	5	0	9	9	0	0.9620	0.9619	-0.0001	0.9653	0.9648	0.0005
2024-02-11T11:33:34	2	0	2	2	0	1.0475	1.0464	-0.0011	-0.9746	-0.9753	0.0007
2024-02-11T11:34:03	1	0	45	45	0	0.9429	0.9429	0.0000	0.9743	0.9741	0.0002
2024-02-11T11:35:02	1	0	2	2	0	1.0466	1.0466	0.0000	0.9953	0.9953	0.0000
2024-02-11T11:35:17	1	0	16	15	1	1.0474	1.0468	-0.0006	0.9997	0.9997	0.0000
2024-02-11T11:37:33	2	0	1	1	0	1.0559	1.0552	-0.0007	0.9979	0.9978	0.0001
2024-02-11T11:39:23	3	0	68	68	0	1.0493	1.0493	0.0000	0.9646	0.9644	0.0002
2024-02-11T11:40:41	4	0	35	35	0	0.9391	0.9391	0.0000	-0.9985	-0.9985	0.0000
2024-02-11T11:41:26	3	0	254	249	5	1.0618	1.0617	-0.0001	0.9985	0.9985	0.0000
2024-02-11T11:41:42	1	0	1	0	1	1.0551	null	null	1	1	0.0000
2024-02-11T11:43:38	1	0	26	26	0	1.0512	1.0512	0.0000	-0.9628	-0.963	0.0002
2024-02-11T11:44:03	1	0	5	5	0	0.9829	0.9829	0.0000	0.998	0.998	0.0000
2024-02-11T11:44:47	1	0	1	0	1	1.0569	null	null	-0.9958	-0.9957	-0.0001
2024-02-11T11:46:09	3	0	2	3	-1	1.0106	1.0158	0.0053	0.9977	0.9977	0.0000
2024-02-11T11:46:36	2	0	4	4	0	1.0493	1.0493	-0.0001	-0.9961	-0.9961	0.0000
2024-02-11T11:47:21	1	0	1	0	1	0.9431	null	null	0.989	0.989	0.0000
2024-02-11T11:48:35	2	0	2	2	0	1.0477	1.0469	-0.0008	-0.9733	-0.978	0.0047
2024-02-11T11:50:03	1	0	2	2	0	1.0483	1.0483	0.0000	0.9957	0.9958	-0.0001
2024-02-11T11:52:58	3	0	3	3	0	1.0591	1.0591	0.0000	-0.9887	-0.9888	0.0001
2024-02-11T11:54:24	3	0	66	66	0	1.0415	1.0415	0.0000	0.9645	0.9646	-0.0001
2024-02-11T11:55:42	4	0	3	3	0	0.9448	0.9448	0.0000	-0.9976	-0.9975	-0.0001
2024-02-11T11:55:46	1	0	4	4	0	1.0111	1.0109	-0.0002	0.9746	0.9675	0.0071
2024-02-11T12:00:18	1	0	1	0	1	1.0560	null	null	-0.9947	-0.9946	-0.0001
2024-02-11T12:02:22	1	0	1	0	1	0.9428	null	null	0.9886	0.9887	-0.0001
2024-02-11T12:04:05	1	0	12	12	0	0.9432	0.9432	0.0000	0.9743	0.9741	0.0002
2024-02-11T12:05:04	1	0	2	2	0	1.0485	1.0485	0.0000	0.9954	0.9954	0.0000
2024-02-11T12:09:25	3	0	67	67	0	1.0550	1.0549	0.0000	0.9653	0.9653	0.0000
2024-02-11T12:10:43	4	0	23	23	0	0.9424	0.9424	0.0000	-0.9976	-0.9976	0.0000
2024-02-11T12:15:54	1	0	46	46	0	1.0525	1.0525	0.0000	-0.9107	-0.9099	-0.0008
2024-02-11T12:16:42	3	0	8	9	-1	1.0491	1.0499	0.0008	-0.9976	-0.9975	-0.0001
2024-02-11T12:18:39	5	0	2	3	-1	1.0196	1.0066	-0.0130	0.9677	0.9678	-0.0001
2024-02-11T12:20:33	1	0	24	25	-1	1.0484	1.0484	0.0000	-0.9957	-0.9956	-0.0001
2024-02-11T12:22:47	1	0	4	3	1	1.0458	1.0455	-0.0002	0.9682	0.9677	0.0005
2024-02-11T12:22:54	1	0	18	17	1	1.0345	1.0331	-0.0013	-0.9928	-0.9928	0.0000
2024-02-11T12:27:40	1	0	1	1	0	1.0560	1.0560	0.0000	-1	-1	0.0000
2024-02-11T12:28:41	1	0	1	1	0	1.1104	1.1104	0.0000	-0.9642	-0.9642	0.0000
2024-02-11T12:33:38	1	0	2	2	0	1.0479	1.0477	-0.0002	-0.9769	-0.9769	0.0000
2024-02-11T12:41:34	3	0	149	154	-5	1.0592	1.0592	0.0000	0.9981	0.9982	-0.0001
2024-02-11T12:43:01	1	0	24	24	0	1.0519	1.0519	-0.0001	0.9848	0.9848	0.0000
2024-02-11T13:00:57	1	0	27	27	0	1.0525	1.0525	0.0000	0.9953	0.9953	0.0000
2024-02-11T13:28:09	1	0	27	26	1	1.0509	1.0509	0.0000	0.9985	0.9985	0.0000
2024-02-11T13:40:49	1	0	35	36	-1	0.9523	0.9520	-0.0003	-0.9949	-0.9949	0.0000
2024-02-11T13:41:47	2	0	197	195	2	1.0597	1.0595	-0.0002	0.9985	0.9985	0.0000
2024-02-11T13:46:02	1	0	106	105	1	1.0561	1.0560	-0.0001	-0.8607	-0.8679	0.0072
2024-02-11T13:50:26	1	0	28	28	0	1.0510	1.0509	-0.0001	0.9999	0.9999	0.0000
2024-02-11T13:53:01	1	0	37	37	0	1.0496	1.0495	-0.0002	-0.9917	-0.9917	0.0000
2024-02-11T13:53:21	1	0	90	89	1	1.0551	1.0551	0.0000	-0.9688	-0.9686	-0.0002
2024-02-11T13:54:30	1	0	1	1	0	1.0577	1.0574	-0.0003	0.9691	0.969	0.0001
2024-02-11T14:00:21	1	0	24	23	1	1.0475	1.0472	-0.0003	0.994	0.994	0.0000
2024-02-11T14:01:00	1	0	42	41	1	1.0536	1.0535	-0.0001	0.9949	0.9949	0.0000
2024-02-11T14:01:53	1	0	18	18	0	1.0583	1.0583	0.0000	-0.9862	-0.9862	0.0000
2024-02-11T14:03:31	1	0	3	3	0	1.0463	1.0463	0.0000	0.9938	0.9939	-0.0001
2024-02-11T14:03:44	2	0	8	7	1	1.0527	1.0510	-0.0017	-0.973	-0.9736	0.0006
2024-02-11T14:04:17	1	0	1	1	0	1.0392	1.0392	0.0000	-0.9944	-0.9944	0.0000
2024-02-11T14:05:00	1	0	5	5	0	1.0487	1.0486	0.0000	0.9978	0.9977	0.0001
2024-02-11T14:05:40	1	0	36	34	2	1.0504	1.0503	0.0000	-0.993	-0.993	0.0000
2024-02-11T14:06:03	1	0	7	8	-1	1.0528	1.0520	-0.0008	-0.8617	-0.8605	-0.0012
2024-02-11T14:06:46	1	0	1	1	0	1.0558	1.0553	-0.0005	0.9291	0.9284	0.0007
2024-02-11T14:08:02	1	0	36	33	3	1.0472	1.0462	-0.0009	-0.9915	-0.9915	0.0000
2024-02-11T14:09:31	3	0	3	3	0	1.0073	1.0075	0.0002	0.9687	0.9688	-0.0001
2024-02-11T14:10:51	2	0	29	29	0	0.9497	0.9498	0.0001	-0.9953	-0.9951	-0.0002
2024-02-11T14:11:57	2	0	143	141	2	1.0578	1.0576	-0.0002	0.9981	0.9981	0.0000
2024-02-11T14:12:51	2	0	11	13	-2	1.0436	1.0446	0.0010	-1	-1	0.0000
2024-02-11T14:13:48	1	0	24	24	0	1.0506	1.0506	0.0000	-0.9514	-0.9515	0.0001
2024-02-11T14:15:27	1	0	2	2	0	1.0282	1.0281	-0.0001	-0.9924	-0.9924	0.0000
2024-02-11T14:16:01	1	0	45	45	0	1.0548	1.0548	0.0000	0.9976	0.9976	0.0000

2024-02-11T14:16:04	2	0	6	6	0	1.0378	1.0376	-0.0001	0.9989	0.9989	0.0000
2024-02-11T14:16:19	2	0	3	3	0	1.0143	1.0143	0.0000	0.9972	0.9972	0.0000
2024-02-11T14:16:55	1	0	10	10	0	1.0478	1.0477	-0.0001	-0.9909	-0.9909	0.0000
2024-02-11T14:18:45	2	0	7	7	0	1.0468	1.0463	-0.0005	-0.9736	-0.9743	0.0007
2024-02-11T14:19:17	1	0	71	68	3	1.0560	1.0557	-0.0003	0.9973	0.9972	0.0001
2024-02-11T14:20:02	1	0	4	4	0	1.0497	1.0495	-0.0002	0.9973	0.997	0.0003
2024-02-11T14:20:37	13	0	7	8	-1	1.0467	1.0470	0.0003	-0.999	-0.999	0.0000
2024-02-11T14:21:04	1	0	3	3	0	1.0584	1.0583	0.0000	-0.8828	-0.8832	0.0004
2024-02-11T14:24:32	5	0	4	4	0	0.9878	0.9879	0.0001	0.9635	0.9635	0.0000
2024-02-11T14:24:59	2	0	1	0	1	1.0552	null	null	1	0.9998	0.0002
2024-02-11T14:25:52	2	0	2	2	0	0.9812	0.9810	-0.0002	-0.9938	-0.9938	0.0000
2024-02-11T14:27:05	3	0	224	218	6	1.0602	1.0600	-0.0002	0.9993	0.9993	0.0000
2024-02-11T14:27:52	2	0	11	11	0	1.0427	1.0426	-0.0001	-1	-1	0.0000
2024-02-11T14:28:49	1	0	30	30	0	1.0526	1.0526	0.0000	-0.9516	-0.9516	0.0000
2024-02-11T14:29:21	1	0	3	3	0	1.0242	1.0240	-0.0002	0.9969	0.9969	0.0000
2024-02-11T14:30:28	1	0	2	2	0	1.0279	1.0279	-0.0001	-0.993	-0.993	0.0000
2024-02-11T14:31:02	3	0	92	90	2	1.0555	1.0554	0.0000	0.9955	0.9954	0.0001
2024-02-11T14:31:05	2	0	6	6	0	1.0381	1.0381	0.0000	0.9988	0.9987	0.0001
2024-02-11T14:31:05	1	0	46	46	0	1.0554	1.0554	0.0000	-0.8822	-0.8816	-0.0006
2024-02-11T14:31:20	2	0	3	3	0	1.0174	1.0174	-0.0001	0.9971	0.9971	0.0000
2024-02-11T14:33:33	1	0	53	31	22	0.9412	0.9422	0.0010	0.9936	0.9938	-0.0002
2024-02-11T14:33:46	2	0	14	10	4	1.0486	1.0463	-0.0023	-0.9721	-0.973	0.0009
2024-02-11T14:34:18	1	0	105	101	4	1.0577	1.0570	-0.0007	0.9971	0.9969	0.0002
2024-02-11T14:35:05	1	0	5	5	0	1.0488	1.0487	-0.0001	0.9986	0.9983	0.0003
2024-02-11T14:35:14	1	0	3	3	0	1.0507	1.0506	-0.0001	0.9965	0.9964	0.0001
2024-02-11T14:35:35	2	0	6	6	0	1.0269	1.0269	0.0000	0.9653	0.955	0.0103
2024-02-11T14:36:05	3	0	8	8	0	1.0509	1.0506	-0.0003	-0.8725	-0.8774	0.0049
2024-02-11T14:38:04	1	0	33	30	3	1.0458	1.0447	-0.0011	-0.9917	-0.9917	0.0000
2024-02-11T14:39:33	5	0	3	3	0	0.9919	0.9919	0.0000	0.97	0.9699	0.0001
2024-02-11T14:40:53	3	0	4	4	0	1.0228	1.0224	-0.0004	-0.993	-0.9934	0.0004
2024-02-11T14:42:13	3	0	221	214	7	1.0600	1.0598	-0.0002	0.9986	0.9986	0.0000
2024-02-11T14:42:25	1	0	3	3	0	1.0453	1.0453	0.0000	0.9939	0.994	-0.0001
2024-02-11T14:42:53	2	0	11	11	0	1.0441	1.0441	0.0000	-1	-1	0.0000
2024-02-11T14:43:09	1	0	16	16	0	1.0491	1.0491	-0.0001	0.9951	0.9951	0.0000
2024-02-11T14:44:25	1	0	3	3	0	1.0103	1.0102	-0.0001	0.9971	0.9971	0.0000
2024-02-11T14:45:29	1	0	1	1	0	1.0296	1.0296	0.0000	-0.9918	-0.9918	0.0000
2024-02-11T14:46:06	3	0	57	55	2	1.0521	1.0521	0.0000	-0.8823	-0.8826	0.0003
2024-02-11T14:46:58	2	0	1	1	0	1.0454	1.0451	-0.0003	-0.9905	-0.9906	0.0001
2024-02-11T14:49:02	2	0	1	0	1	1.0556	null	null	0.9653	0.9653	0.0000
2024-02-11T14:50:53	1	0	2	2	0	1.0461	1.0458	-0.0003	-0.9824	-0.9833	0.0009
2024-02-11T14:57:55	1	0	10	10	0	1.0424	1.0423	-0.0001	-0.9999	-1	0.0001
2024-02-11T15:01:22	1	0	4	4	0	1.0189	1.0188	-0.0001	0.9969	0.9969	0.0000
2024-02-11T15:02:27	2	0	12	12	0	1.0495	1.0494	-0.0002	-0.9998	-0.9998	0.0000
2024-02-11T15:03:48	1	0	12	7	5	1.0506	1.0488	-0.0018	-0.9737	-0.9745	0.0008
2024-02-11T15:08:06	1	0	28	27	1	1.0404	1.0397	-0.0007	-0.9931	-0.9931	0.0000
2024-02-11T15:09:35	2	0	2	2	0	1.0291	1.0284	-0.0007	0.9775	0.9767	0.0008
2024-02-11T15:14:25	1	0	24	24	0	1.0473	1.0473	0.0000	-0.9656	-0.9655	-0.0001
2024-02-11T15:16:23	3	0	5	5	0	1.0142	1.0185	0.0043	0.9973	0.9973	0.0000
2024-02-11T15:18:49	1	0	4	4	0	1.0482	1.0472	-0.0009	-0.977	-0.9731	-0.0039
2024-02-11T15:33:50	1	0	2	2	0	1.0484	1.0473	-0.0011	-0.9765	-0.9772	0.0007
2024-02-11T15:39:37	2	0	1	0	1	0.9774	null	null	0.9723	0.9729	-0.0006
2024-02-11T15:41:02	1	0	258	256	2	0.9291	0.9291	0.0001	0.9491	0.942	0.0071
2024-02-11T15:45:52	1	0	9	9	0	1.0485	1.0485	0.0000	-0.9999	-0.9999	0.0000
2024-02-11T15:47:22	1	0	3	3	0	1.0039	1.0040	0.0001	0.997	0.997	0.0000
2024-02-11T15:48:51	1	0	2	2	0	1.0475	1.0465	-0.0010	-0.9776	-0.9739	-0.0037
2024-02-11T15:54:38	2	0	46	45	1	0.9420	0.9419	-0.0001	0.9674	0.9677	-0.0003
2024-02-11T15:54:40	1	0	84	84	0	1.0548	1.0555	0.0007	0.9692	0.9692	0.0000
2024-02-11T15:56:00	1	0	2	3	-1	1.0078	1.0053	-0.0025	-0.9946	-0.9943	-0.0003
2024-02-11T15:57:59	1	0	7	7	0	1.0382	1.0382	0.0000	-1	-1	0.0000
2024-02-11T16:03:52	1	0	2	2	0	1.0466	1.0457	-0.0009	-0.9806	-0.9812	0.0006
2024-02-11T16:05:49	3	0	1	1	0	1.0460	1.0458	-0.0002	-0.9991	-0.9991	0.0000
2024-02-11T16:10:59	2	0	1	0	1	1.0043	null	null	-0.9991	-0.999	-0.0001
2024-02-11T16:16:27	3	0	4	4	0	1.0104	1.0102	-0.0002	0.9975	0.9985	-0.0010
2024-02-11T16:20:55	6	0	6	6	0	1.0343	1.0343	0.0000	-0.9994	-0.9994	0.0000
2024-02-11T16:33:54	1	0	2	1	1	1.0454	1.0450	-0.0004	-0.9796	-0.9796	0.0000
2024-02-11T16:41:03	1	0	68	67	1	0.9403	0.9405	0.0002	-0.9974	-0.9972	-0.0002
2024-02-11T16:48:55	1	0	1	0	1	1.0451	null	null	-0.9791	-0.9788	-0.0003
2024-02-11T17:03:56	1	0	2	2	0	1.0479	1.0476	-0.0004	-0.9809	-0.9807	-0.0002
2024-02-11T18:41:57	2	0	1	1	0	1.0448	1.0448	0.0000	-0.9984	-0.9985	0.0001
2024-02-12T07:51:44	1	0	98	98	0	0.9234	0.9235	0.0001	0.9836	0.9832	0.0004
2024-02-12T08:06:39	1	0	159	159	0	0.9843	0.9793	-0.0050	0.9942	0.9942	0.0000
2024-02-12T08:10:30	1	0	98	97	1	0.9336	0.9337	0.0000	-0.9948	-0.9944	-0.0004
2024-02-12T08:19:33	1	0	6	6	0	1.0497	1.0497	0.0000	0.9972	0.9972	0.0000
2024-02-12T08:28:24	1	0	68	68	0	1.0527	1.0527	0.0000	-0.9979	-0.9979	0.0000
2024-02-12T08:28:37	1	0	92	91	1	0.9376	0.9380	0.0004	0.9816	0.9811	0.0005
2024-02-12T08:51:40	1	0	14	12	2	0.9403	0.9399	-0.0004	-0.9989	-0.9989	0.0000
2024-02-12T08:54:31	1	0	285	285	0	0.9255	0.9255	0.0000	0.9447	0.9444	0.0003
2024-02-12T09:02:06	1	0	11	11	0	1.0391	1.0391	0.0000	-0.9976	-0.9975	-0.0001
2024-02-12T09:03:51	1	0	7	7	0	1.0483	1.0483	0.0000	0.9996	0.9996	0.0000
2024-02-12T09:05:20	1	0	5	5	0	1.0466	1.0465	-0.0001	0.9882	0.9882	0.0000
2024-02-12T09:06:41	1	0	1	1	0	0.9388	0.9393	0.0005	-0.9956	-0.9955	-0.0001
2024-02-12T09:06:43	1	0	98	97	1	1.0476	1.0473	-0.0003	0.9941	0.9941	0.0000
2024-02-12T09:06:49	1	0	42	42	0	0.9377	0.9381	0.0004	0.9894	0.9866	0.0028
2024-02-12T09:13:40	1	0	91	90	1	0.9468	0.9475	0.0007	0.9845	0.9842	0.0003
2024-02-12T09:13:55	2	0	2	2	0	0.9438	0.9444	0.0006	-0.9978	-0.9976	-0.0002

2024-02-12T09:17:15	4	0	106	104	2	1.0544	1.0543	0.0000	0.9799	0.9798	0.0001
2024-02-12T09:20:17	1	0	19	19	0	1.0453	1.0452	-0.0001	0.9737	0.9736	0.0001
2024-02-12T09:20:19	2	0	21	16	5	0.9453	0.9465	0.0011	-0.9966	-0.9965	-0.0001
2024-02-12T09:24:15	1	0	5	5	0	1.0476	1.0474	-0.0001	0.9957	0.9956	0.0001
2024-02-12T09:25:35	3	0	69	66	3	0.9437	0.9438	0.0001	-0.996	-0.9959	-0.0001
2024-02-12T09:26:50	2	0	69	68	1	1.0535	1.0534	0.0000	0.9794	0.9794	0.0000
2024-02-12T09:27:03	1	0	14	9	5	0.9431	0.9426	-0.0005	0.9759	0.9758	0.0001
2024-02-12T09:30:07	2	0	3	3	0	1.0117	1.0111	-0.0006	0.9944	0.9936	0.0008
2024-02-12T09:30:36	3	0	2	3	-1	1.0178	1.0305	0.0127	0.9992	0.9993	-0.0001
2024-02-12T09:31:00	2	0	4	4	0	1.0185	1.0184	-0.0002	0.9968	0.9967	0.0001
2024-02-12T09:33:27	1	0	4	4	0	1.0064	1.0062	-0.0002	0.972	0.9719	0.0001
2024-02-12T09:33:36	2	0	6	6	0	1.0327	1.0323	-0.0004	-0.9944	-0.9945	0.0001
2024-02-12T09:34:38	1	0	9	9	0	1.0495	1.0495	0.0000	0.9986	0.9986	0.0000
2024-02-12T09:35:20	8	0	25	24	1	1.0531	1.0527	-0.0004	0.9996	0.9996	0.0000
2024-02-12T09:36:54	2	0	83	82	1	1.0547	1.0546	0.0000	-0.9999	-0.9999	0.0000
2024-02-12T09:38:03	3	0	245	241	4	1.0598	1.0598	0.0000	-0.967	-0.9669	-0.0001
2024-02-12T09:43:59	1	0	2	2	0	1.0426	1.0424	-0.0002	-0.9955	-0.9955	0.0000
2024-02-12T09:44:20	3	0	25	24	1	1.0521	1.0519	-0.0001	0.9969	0.997	-0.0001
2024-02-12T09:45:43	1	0	18	18	0	1.0486	1.0485	-0.0001	0.9936	0.9936	0.0000
2024-02-12T09:48:28	2	0	4	4	0	0.9808	0.9809	0.0001	0.9546	0.9548	-0.0002
2024-02-12T09:48:54	2	0	27	26	1	1.0505	1.0500	-0.0005	0.9999	0.9999	0.0000
2024-02-12T09:49:53	1	0	1	1	0	1.0281	1.0278	-0.0003	0.9761	0.9761	0.0000
2024-02-12T09:50:19	2	0	16	16	0	1.0323	1.0322	-0.0001	0.9554	0.9616	-0.0062
2024-02-12T09:50:21	2	0	27	27	0	1.0527	1.0525	-0.0001	0.9999	0.9998	0.0001
2024-02-12T09:51:22	2	0	7	7	0	0.9800	0.9799	0.0000	0.9967	0.9966	0.0001
2024-02-12T09:53:04	3	0	304	296	8	1.0600	1.0599	-0.0001	-0.9653	-0.9653	0.0000
2024-02-12T09:57:31	1	0	1	1	0	1.0460	1.0455	-0.0005	-0.9801	-0.9836	0.0035
2024-02-12T09:57:57	1	0	3	3	0	0.9427	0.9433	0.0006	0.9989	0.9989	0.0000
2024-02-12T09:58:17	1	0	1	1	0	1.0021	1.0018	-0.0003	-0.9908	-0.9907	-0.0001
2024-02-12T09:58:39	1	0	2	2	0	1.0271	1.0257	-0.0014	1	1	0.0000
2024-02-12T09:59:25	3	0	27	25	2	1.0524	1.0520	-0.0004	0.9968	0.9968	0.0000
2024-02-12T10:00:07	1	0	96	95	1	1.0501	1.0500	-0.0001	0.9981	0.9981	0.0000
2024-02-12T10:00:13	4	0	2	1	1	1.0405	1.0246	-0.0159	0.9992	0.9992	0.0000
2024-02-12T10:00:40	2	0	3	3	0	1.0147	1.0148	0.0001	0.9987	0.9988	-0.0001
2024-02-12T10:02:47	2	0	65	64	1	1.0042	1.0054	0.0011	0.95	0.95	0.0000
2024-02-12T10:03:29	1	0	33	30	3	0.9421	0.9425	0.0003	0.951	0.951	0.0000
2024-02-12T10:04:40	4	0	21	17	4	1.0522	1.0511	-0.0011	0.9999	0.9999	0.0000
2024-02-12T10:05:23	2	0	20	19	1	1.0454	1.0448	-0.0005	0.9602	0.9601	0.0001
2024-02-12T10:06:53	2	0	2	2	0	1.0343	1.0336	-0.0007	0.9889	0.9886	0.0003
2024-02-12T10:08:09	3	0	6	6	0	1.0336	1.0334	-0.0003	0.9999	0.9999	0.0000
2024-02-12T10:10:38	1	0	5	6	-1	0.9572	0.9551	-0.0022	-0.9944	-0.9945	0.0001
2024-02-12T10:12:33	1	0	2	2	0	1.0451	1.0448	-0.0003	-0.9898	-0.9899	0.0001
2024-02-12T10:13:02	1	0	1	1	0	1.0358	1.0353	-0.0005	0.9862	0.9861	0.0001
2024-02-12T10:16:19	1	0	2	2	0	1.0329	1.0326	-0.0003	-0.9689	-0.9686	-0.0003
2024-02-12T10:17:01	2	0	2	2	0	1.0303	1.0300	-0.0004	0.9935	0.9933	0.0002
2024-02-12T10:17:09	3	0	24	24	0	1.0484	1.0483	-0.0002	0.9988	0.9988	0.0000
2024-02-12T10:17:17	1	0	2	2	0	1.0323	1.0321	-0.0002	0.985	0.9849	0.0001
2024-02-12T10:19:46	1	0	11	11	0	1.0474	1.0474	0.0000	0.9595	0.9589	0.0006
2024-02-12T10:20:23	2	0	23	22	1	1.0424	1.0416	-0.0008	0.9589	0.9587	0.0002
2024-02-12T10:20:36	1	0	7	7	0	1.0545	1.0543	-0.0002	-0.9793	-0.9799	0.0006
2024-02-12T10:23:16	1	0	235	234	1	1.0604	1.0604	0.0000	-0.9719	-0.9718	-0.0001
2024-02-12T10:24:40	3	0	3	2	1	1.0504	1.0470	-0.0033	0.999	0.9989	0.0001
2024-02-12T10:26:11	2	0	2	2	0	1.0072	1.0076	0.0004	0.9951	0.9951	0.0000
2024-02-12T10:26:54	2	0	95	92	3	1.0546	1.0546	0.0000	0.98	0.98	0.0000
2024-02-12T10:27:51	1	0	55	50	5	1.0532	1.0527	-0.0005	-0.9997	-0.9996	-0.0001
2024-02-12T10:28:37	1	0	5	5	0	0.9880	0.9879	-0.0001	0.9929	0.9928	0.0001
2024-02-12T10:29:27	1	0	27	26	1	1.0531	1.0528	-0.0003	0.9967	0.9967	0.0000
2024-02-12T10:30:09	1	0	98	97	1	1.0492	1.0491	-0.0001	0.9976	0.9976	0.0000
2024-02-12T10:31:14	6	0	7	7	0	1.0173	1.0169	-0.0003	0.9962	0.9959	0.0003
2024-02-12T10:32:10	4	0	21	21	0	1.0482	1.0479	-0.0003	0.9982	0.9982	0.0000
2024-02-12T10:33:40	5	0	24	23	1	1.0535	1.0531	-0.0004	-0.9897	-0.99	0.0003
2024-02-12T10:33:57	3	0	16	14	2	1.0499	1.0495	-0.0004	1	1	0.0000
2024-02-12T10:35:13	3	0	12	12	0	0.9450	0.9453	0.0003	0.9958	0.996	-0.0002
2024-02-12T10:35:24	1	0	28	28	0	1.0430	1.0428	-0.0002	0.9589	0.9586	0.0003
2024-02-12T10:36:49	1	0	101	98	3	1.0636	1.0633	-0.0003	0.9953	0.9953	0.0000
2024-02-12T10:38:17	2	0	233	231	2	1.0600	1.0600	0.0000	-0.9689	-0.9688	-0.0001
2024-02-12T10:40:39	1	0	45	40	5	1.0552	1.0549	-0.0003	0.9991	0.9991	0.0000
2024-02-12T10:43:36	1	0	2	2	0	1.0396	1.0395	-0.0002	0.9965	0.9965	0.0000
2024-02-12T10:44:19	1	0	10	10	0	1.0458	1.0457	-0.0001	-0.9989	-0.9989	0.0000
2024-02-12T10:45:10	2	0	102	99	3	1.0510	1.0509	-0.0002	0.9978	0.9978	0.0000
2024-02-12T10:46:01	1	0	30	29	1	1.0537	1.0535	-0.0002	0.9704	0.9699	0.0005
2024-02-12T10:47:25	1	0	1	0	1	1.0558	null	null	0.9787	0.9785	0.0002
2024-02-12T10:48:58	3	0	32	30	2	1.0517	1.0514	-0.0003	-1	-1	0.0000
2024-02-12T10:49:49	1	0	11	11	0	1.0490	1.0488	-0.0002	0.9626	0.9611	0.0015
2024-02-12T10:50:14	2	0	7	7	0	0.9649	0.9648	-0.0002	0.9974	0.9973	0.0001
2024-02-12T10:50:29	3	0	29	26	3	1.0447	1.0441	-0.0006	0.9621	0.9609	0.0012
2024-02-12T10:50:30	2	0	14	13	1	1.0484	1.0478	-0.0006	0.994	0.9939	0.0001
2024-02-12T10:52:42	1	0	13	12	1	1.0480	1.0481	0.0001	0.9718	0.9713	0.0005
2024-02-12T10:53:18	3	0	210	207	3	1.0596	1.0596	0.0000	-0.9706	-0.9705	-0.0001
2024-02-12T10:54:34	1	0	277	276	1	1.0558	1.0558	0.0000	0.9902	0.9901	0.0001
2024-02-12T10:55:36	2	0	1	0	1	0.9449	null	null	0.9836	0.9633	0.0203
2024-02-12T10:56:41	1	0	1	1	0	1.0581	1.0572	-0.0009	0.9987	0.9987	0.0000
2024-02-12T10:58:02	2	0	32	32	0	1.0470	1.0469	-0.0001	-0.9996	-0.9997	0.0001
2024-02-12T11:00:34	1	0	22	22	0	1.0508	1.0507	-0.0001	0.9982	0.9982	0.0000
2024-02-12T11:00:44	1	0	3	3	0	1.0127	1.0127	0.0000	0.9988	0.9988	0.0000

2024-02-12T11:01:53	1	0	2	2	0	1.0387	1.0383	-0.0004	0.9996	0.9996	0.0000
2024-02-12T11:02:12	3	0	24	22	2	1.0495	1.0493	-0.0002	0.9985	0.9985	0.0000
2024-02-12T11:02:41	3	0	41	37	4	1.0543	1.0545	0.0002	-0.9988	-0.9982	-0.0006
2024-02-12T11:02:48	1	0	15	15	0	1.0481	1.0479	-0.0001	0.9978	0.9978	0.0000
2024-02-12T11:03:42	1	0	7	7	0	1.0347	1.0347	0.0000	-0.9973	-0.9972	-0.0001
2024-02-12T11:04:11	1	0	2	2	0	1.0313	1.0311	-0.0002	-1	-1	0.0000
2024-02-12T11:04:51	1	0	11	11	0	1.0492	1.0490	-0.0002	0.9628	0.9612	0.0016
2024-02-12T11:05:26	5	0	52	49	3	1.0544	1.0556	0.0012	-0.9998	-0.9998	0.0000
2024-02-12T11:05:28	1	0	32	31	1	1.0479	1.0478	-0.0001	-1	-1	0.0000
2024-02-12T11:08:19	4	0	219	215	4	1.0597	1.0596	-0.0001	-0.9701	-0.9702	0.0001
2024-02-12T11:09:22	1	0	6	6	0	1.0506	1.0506	0.0000	0.975	0.9742	0.0008
2024-02-12T11:10:44	1	0	3	3	0	0.9706	0.9706	0.0000	0.9572	0.957	0.0002
2024-02-12T11:11:47	1	0	38	35	3	1.0545	1.0544	-0.0001	-1	-1	0.0000
2024-02-12T11:16:24	1	0	1	1	0	1.0304	1.0301	-0.0003	0.9705	0.9698	0.0007
2024-02-12T11:17:27	1	0	1	1	0	1.0569	1.0567	-0.0002	0.9773	0.9773	0.0000
2024-02-12T11:18:34	1	0	5	5	0	0.9769	0.9769	-0.0001	0.9468	0.9467	0.0001
2024-02-12T11:19:01	2	0	40	40	0	1.0542	1.0542	0.0000	-0.9998	-0.9998	0.0000
2024-02-12T11:19:54	1	0	13	12	1	1.0520	1.0513	-0.0007	0.9648	0.9631	0.0017
2024-02-12T11:20:51	1	0	2	2	0	1.0658	1.0653	-0.0005	-0.7218	-0.7245	0.0027
2024-02-12T11:21:12	1	0	3	3	0	1.0398	1.0397	-0.0001	0.9974	0.9975	-0.0001
2024-02-12T11:21:17	1	0	27	27	0	1.0463	1.0463	0.0000	0.9992	0.9992	0.0000
2024-02-12T11:22:32	1	0	15	15	0	1.0471	1.0471	0.0000	0.9984	0.9984	0.0000
2024-02-12T11:23:20	1	0	213	212	1	1.0595	1.0595	0.0000	-0.9714	-0.9713	-0.0001
2024-02-12T11:25:43	2	0	3	1	2	0.9696	0.9443	-0.0253	-0.9891	-0.9891	0.0000
2024-02-12T11:26:01	1	0	43	38	5	1.0553	1.0550	-0.0003	0.9991	0.999	0.0001
2024-02-12T11:26:15	2	0	1	0	1	1.0553	null	null	0.9962	0.9962	0.0000
2024-02-12T11:27:00	3	0	72	71	1	1.0540	1.0540	0.0000	0.9809	0.9809	0.0000
2024-02-12T11:28:10	2	0	11	10	1	1.0463	1.0461	-0.0002	0.9953	0.9952	0.0001
2024-02-12T11:28:49	2	0	4	5	-1	1.0086	0.9955	-0.0130	0.9846	0.9842	0.0004
2024-02-12T11:29:29	1	0	11	11	0	1.0478	1.0478	0.0000	-0.9987	-0.9987	0.0000
2024-02-12T11:30:13	1	0	103	101	2	1.0512	1.0511	-0.0001	0.9985	0.9985	0.0000
2024-02-12T11:30:15	2	0	3	3	0	0.9249	0.9249	0.0000	0.9759	0.976	-0.0001
2024-02-12T11:30:48	2	0	2	2	0	1.0252	1.0250	-0.0002	0.9989	0.9988	0.0001
2024-02-12T11:31:04	1	0	39	39	0	1.0547	1.0547	0.0000	0.965	0.9651	-0.0001
2024-02-12T11:32:16	1	0	10	10	0	1.0424	1.0424	0.0000	-1	-1	0.0000
2024-02-12T11:32:53	2	0	31	30	1	1.0564	1.0563	-0.0001	0.9618	0.9638	-0.0020
2024-02-12T11:33:44	8	0	8	9	-1	1.0368	1.0389	0.0022	-0.9971	-0.9971	0.0000
2024-02-12T11:34:46	8	0	3	3	0	1.0512	1.0506	-0.0006	0.9839	0.9835	0.0004
2024-02-12T11:35:01	1	0	1	1	0	1.0242	1.0242	0.0000	0.9768	0.9768	0.0000
2024-02-12T11:35:01	2	0	15	14	1	1.0523	1.0518	-0.0005	0.9687	0.9673	0.0014
2024-02-12T11:35:48	3	0	1	0	1	1.0459	null	null	0.9984	0.9981	0.0003
2024-02-12T11:36:18	2	0	31	30	1	1.0467	1.0464	-0.0003	0.9996	0.9996	0.0000
2024-02-12T11:37:33	1	0	8	8	0	1.0499	1.0499	0.0000	0.9948	0.9948	0.0000
2024-02-12T11:38:25	3	0	5	5	0	1.0311	1.0310	-0.0001	1	1	0.0000
2024-02-12T11:40:48	4	0	10	11	-1	0.9576	0.9564	-0.0012	-0.9892	-0.9892	0.0000
2024-02-12T11:41:09	1	0	37	34	3	1.0542	1.0539	-0.0003	0.9989	0.9989	0.0000
2024-02-12T11:42:19	1	0	1	1	0	0.9944	0.9947	0.0003	-0.9968	-0.998	0.0012
2024-02-12T11:42:38	1	0	1	1	0	1.0599	1.0599	0.0000	-0.9865	-0.9864	-0.0001
2024-02-12T11:43:11	2	0	3	4	-1	1.0458	1.0456	-0.0002	0.9948	0.9949	-0.0001
2024-02-12T11:43:50	2	0	2	2	0	1.0142	1.0142	0.0000	0.9838	0.9839	-0.0001
2024-02-12T11:44:32	4	0	38	50	-12	1.0546	1.0549	0.0003	0.997	0.9971	-0.0001
2024-02-12T11:45:16	2	0	3	3	0	0.9324	0.9325	0.0000	0.9804	0.9804	0.0000
2024-02-12T11:47:17	1	0	9	9	0	1.0415	1.0415	0.0000	-1	-0.9999	-0.0001
2024-02-12T11:47:54	1	0	8	8	0	1.0547	1.0547	0.0000	0.9664	0.9664	0.0000
2024-02-12T11:48:36	5	0	2	3	-1	1.0150	0.9918	-0.0232	0.9685	0.9684	0.0001
2024-02-12T11:49:03	10	0	6	8	-2	1.0528	1.0514	-0.0014	0.9994	0.9995	-0.0001
2024-02-12T11:49:49	9	0	3	4	-1	1.0517	1.0500	-0.0016	0.9837	0.9839	-0.0002
2024-02-12T11:50:04	1	0	16	17	-1	1.0522	1.0518	-0.0003	0.984	0.9836	0.0004
2024-02-12T11:50:55	1	0	3	3	0	1.0633	1.0630	-0.0003	-0.8172	-0.8184	0.0012
2024-02-12T11:52:34	1	0	5	5	0	1.0514	1.0514	0.0000	0.996	0.996	0.0000
2024-02-12T11:55:49	4	0	23	23	0	0.9463	0.9466	0.0003	-0.991	-0.9906	-0.0004
2024-02-12T11:56:16	1	0	35	33	2	1.0545	1.0543	-0.0002	0.9992	0.9992	0.0000
2024-02-12T11:59:17	1	0	3	2	1	1.0553	1.0533	-0.0020	-0.9244	-0.924	-0.0004
2024-02-12T12:00:15	1	0	106	103	3	1.0520	1.0519	-0.0001	0.9984	0.9984	0.0000
2024-02-12T12:00:17	2	0	2	2	0	0.9394	0.9395	0.0001	0.9845	0.9845	0.0000
2024-02-12T12:02:18	1	0	10	10	0	1.0420	1.0420	0.0000	-1	-1	0.0000
2024-02-12T12:03:01	1	0	30	27	3	1.0517	1.0516	-0.0001	0.927	0.9334	-0.0064
2024-02-12T12:04:04	10	0	5	7	-2	1.0505	1.0520	0.0015	0.999	0.999	0.0000
2024-02-12T12:04:50	9	0	3	5	-2	1.0515	1.0490	-0.0025	0.9833	0.9837	-0.0004
2024-02-12T12:05:06	1	0	18	17	1	1.0542	1.0539	-0.0003	0.9744	0.9742	0.0002
2024-02-12T12:07:35	1	0	14	14	0	1.0498	1.0498	0.0000	0.9976	0.9976	0.0000
2024-02-12T12:11:21	1	0	27	27	0	1.0542	1.0540	-0.0002	0.999	0.999	0.0000
2024-02-12T12:12:40	2	0	79	79	0	1.0702	1.0694	-0.0008	-0.9933	-0.9991	0.0058
2024-02-12T12:13:23	1	0	2	2	0	1.0266	1.0264	-0.0002	0.997	0.997	0.0000
2024-02-12T12:18:38	5	0	1	0	1	1.0633	null	null	0.974	0.974	0.0000
2024-02-12T12:25:53	4	0	6	6	0	0.9573	0.9569	-0.0004	-0.9934	-0.9935	0.0001
2024-02-12T12:26:54	1	0	49	49	0	1.0563	1.0563	0.0000	-0.9997	-0.9997	0.0000
2024-02-12T12:28:53	2	0	1	2	-1	1.0034	0.9445	-0.0589	0.9857	0.9859	-0.0002
2024-02-12T12:33:52	1	0	50	49	1	1.0596	1.0595	0.0000	0.9972	0.9972	0.0000
2024-02-12T12:45:20	2	0	3	3	0	0.9350	0.9350	0.0000	0.9834	0.9834	0.0000
2024-02-12T12:48:08	1	0	2	1	1	1.0556	1.0554	-0.0003	0.9708	0.9708	0.0000
2024-02-12T12:59:18	1	0	23	23	0	1.0484	1.0483	0.0000	0.9997	0.9997	0.0000
2024-02-12T12:59:37	6	0	38	37	1	1.0553	1.0551	-0.0002	0.9973	0.9972	0.0001
2024-02-12T13:03:00	1	0	8	9	-1	1.0294	1.0200	-0.0095	0.9557	0.9558	-0.0001
2024-02-12T13:06:04	1	0	4	6	-2	1.0564	1.0544	-0.0020	-0.7595	-0.758	-0.0015

2024-02-12T13:11:22	2	0	1	1	0	1.0385	1.0385	0.0000	0.9974	0.9974	0.0000
2024-02-12T13:32:24	1	0	34	33	1	1.0457	1.0454	-0.0003	-0.9997	-0.9997	0.0000
2024-02-12T13:33:00	1	0	46	45	1	1.0540	1.0540	0.0000	0.9998	0.9998	0.0000
2024-02-12T13:38:38	3	0	5	5	0	1.0334	1.0334	0.0000	0.9998	0.9999	-0.0001
2024-02-12T13:39:45	1	0	330	330	0	1.0562	1.0562	0.0000	0.9905	0.9905	0.0000
2024-02-12T13:40:49	2	0	1	1	0	1.0063	1.0054	-0.0009	-0.9993	-0.9993	0.0000
2024-02-12T13:40:58	1	0	2	2	0	0.9818	0.9815	-0.0003	-0.9901	-0.9901	0.0000
2024-02-12T13:42:09	9	0	123	121	2	1.0553	1.0553	0.0000	0.9808	0.9808	0.0000
2024-02-12T13:43:46	1	0	9	9	0	1.0546	1.0545	-0.0001	-0.9987	-0.9994	0.0007
2024-02-12T13:45:22	1	0	147	146	1	1.0536	1.0536	0.0000	0.9983	0.9983	0.0000
2024-02-12T13:47:52	3	0	23	23	0	1.0498	1.0498	0.0000	1	-0.9999	-0.0001
2024-02-12T13:49:00	1	0	63	63	0	1.0601	1.0601	0.0000	0.9984	0.9984	0.0000
2024-02-12T13:49:23	1	0	21	20	1	1.0515	1.0513	-0.0002	0.9867	0.9867	0.0000
2024-02-12T13:50:50	3	0	19	18	1	1.0503	1.0496	-0.0007	0.995	0.9935	0.0015
2024-02-12T13:51:07	1	0	9	9	0	1.0532	1.0531	-0.0001	-0.6948	-0.6953	0.0005
2024-02-12T13:57:00	2	0	43	43	0	1.0557	1.0556	-0.0001	-0.9999	-0.9999	0.0000
2024-02-12T14:00:23	2	0	148	146	2	1.0541	1.0541	0.0000	0.9985	0.9984	0.0001
2024-02-12T14:01:24	2	0	28	26	2	1.0495	1.0490	-0.0005	-0.9918	-0.9919	0.0001
2024-02-12T14:02:26	1	0	49	47	2	1.0469	1.0465	-0.0004	-0.9998	-0.9998	0.0000
2024-02-12T14:03:45	1	0	1	1	0	1.0560	1.0558	-0.0002	0.9422	0.9421	0.0001
2024-02-12T14:04:12	3	0	36	35	1	1.0495	1.0493	-0.0002	0.9993	0.9993	0.0000
2024-02-12T14:05:17	1	0	20	19	1	1.0538	1.0535	-0.0004	0.9915	0.9909	0.0006
2024-02-12T14:05:27	4	0	4	3	1	1.0421	1.0361	-0.0061	0.9999	0.9999	0.0000
2024-02-12T14:06:08	1	0	10	10	0	1.0537	1.0536	-0.0001	-0.6912	-0.6913	0.0001
2024-02-12T14:06:51	2	0	7	7	0	1.0486	1.0484	-0.0002	-0.9994	-0.9994	0.0000
2024-02-12T14:07:17	1	0	44	43	1	1.0510	1.0509	-0.0001	0.9966	0.9966	0.0000
2024-02-12T14:08:31	15	0	711	706	5	1.0645	1.0645	0.0000	-0.959	-0.9592	0.0002
2024-02-12T14:09:47	2	0	305	304	1	1.0557	1.0557	0.0000	0.9902	0.9902	0.0000
2024-02-12T14:10:56	3	0	522	524	-2	0.8634	0.8640	0.0006	0.9246	0.9166	0.0080
2024-02-12T14:11:00	2	0	1	1	0	1.0264	1.0255	-0.0009	-0.9917	-0.9918	0.0001
2024-02-12T14:11:51	1	0	1	1	0	1.0560	1.0556	-0.0004	0.9926	0.9924	0.0002
2024-02-12T14:12:01	2	0	45	45	0	1.0557	1.0556	-0.0001	-1	-1	0.0000
2024-02-12T14:12:11	6	0	93	91	2	1.0547	1.0546	0.0000	0.9806	0.9805	0.0001
2024-02-12T14:12:32	1	0	4	4	0	1.0242	1.0241	-0.0001	0.9741	0.974	0.0001
2024-02-12T14:13:50	1	0	14	14	0	1.0508	1.0508	0.0000	0.9976	0.9976	0.0000
2024-02-12T14:14:07	1	0	2	2	0	1.0062	1.0062	0.0000	0.9929	0.9929	0.0000
2024-02-12T14:15:24	4	0	154	150	4	1.0538	1.0538	-0.0001	0.9979	0.9979	0.0000
2024-02-12T14:18:46	2	0	1	1	0	1.0587	1.0581	-0.0006	0.9446	0.9443	0.0003
2024-02-12T14:19:13	7	0	21	20	1	1.0482	1.0475	-0.0007	0.9978	0.9978	0.0000
2024-02-12T14:20:19	2	0	16	15	1	1.0536	1.0531	-0.0005	0.9711	0.9695	0.0016
2024-02-12T14:20:28	1	0	9	9	0	1.0402	1.0402	0.0000	-0.9977	-0.9977	0.0000
2024-02-12T14:20:41	3	0	39	38	1	1.0508	1.0508	0.0000	-0.9994	-0.9994	0.0000
2024-02-12T14:20:48	6	0	36	35	1	1.0462	1.0461	0.0000	0.9604	0.9604	0.0000
2024-02-12T14:21:09	1	0	10	10	0	1.0535	1.0534	-0.0001	-0.7299	-0.7301	0.0002
2024-02-12T14:21:33	1	0	3	3	0	1.0454	1.0454	0.0000	0.9985	0.9985	0.0000
2024-02-12T14:21:52	2	0	6	6	0	1.0479	1.0478	0.0000	-0.9994	-0.9994	0.0000
2024-02-12T14:23:44	1	0	259	254	5	1.0620	1.0619	0.0000	-0.9693	-0.9693	0.0000
2024-02-12T14:23:46	3	0	7	7	0	1.0364	1.0363	-0.0002	1	1	0.0000
2024-02-12T14:25:52	2	0	1	1	0	1.0089	1.0081	-0.0008	-0.9996	-0.9996	0.0000
2024-02-12T14:25:57	3	0	12	12	0	1.0127	1.0124	-0.0003	0.9673	0.967	0.0003
2024-02-12T14:26:01	3	0	2	2	0	1.0222	1.0217	-0.0006	-0.9893	-0.9895	0.0002
2024-02-12T14:27:02	2	0	46	46	0	1.0563	1.0562	-0.0001	-1	-1	0.0000
2024-02-12T14:27:09	1	0	8	8	0	1.0475	1.0474	-0.0001	0.9984	0.9984	0.0000
2024-02-12T14:27:12	4	0	89	86	3	1.0546	1.0546	0.0000	0.9801	0.98	0.0001
2024-02-12T14:27:30	1	0	1	1	0	0.9902	0.9903	0.0001	-0.9952	-0.9952	0.0000
2024-02-12T14:27:33	1	0	4	4	0	1.0235	1.0235	0.0000	0.9732	0.9732	0.0000
2024-02-12T14:28:22	2	0	15	15	0	1.0481	1.0481	-0.0001	0.9957	0.9957	0.0000
2024-02-12T14:29:11	1	0	3	3	0	1.0163	1.0161	-0.0002	0.994	0.994	0.0000
2024-02-12T14:30:25	3	0	152	150	2	1.0538	1.0538	0.0000	0.9978	0.9978	0.0000
2024-02-12T14:31:03	3	0	6	7	-1	1.0204	1.0235	0.0031	0.9877	0.9867	0.0010
2024-02-12T14:31:26	1	0	20	20	0	1.0488	1.0488	-0.0001	-0.9902	-0.9903	0.0001
2024-02-12T14:33:59	7	0	28	24	4	1.0575	1.0559	-0.0016	-0.9938	-0.9939	0.0001
2024-02-12T14:34:03	1	0	32	31	1	1.0587	1.0587	0.0000	0.9943	0.9943	0.0000
2024-02-12T14:34:14	10	0	11	11	0	1.0484	1.0481	-0.0003	0.9979	0.9978	0.0001
2024-02-12T14:35:01	5	0	6	6	0	1.0490	1.0487	-0.0003	0.9825	0.9821	0.0004
2024-02-12T14:35:13	1	0	2	2	0	1.0417	1.0416	-0.0001	0.9728	0.9728	0.0000
2024-02-12T14:35:23	2	0	19	18	1	1.0542	1.0539	-0.0003	0.9912	0.99	0.0012
2024-02-12T14:35:48	1	0	53	52	1	1.0532	1.0531	-0.0001	-0.9995	-0.9995	0.0000
2024-02-12T14:35:53	1	0	7	7	0	1.0103	1.0101	-0.0002	0.857	0.8564	0.0006
2024-02-12T14:36:10	2	0	9	9	0	1.0535	1.0533	-0.0002	-0.7012	-0.7042	0.0030
2024-02-12T14:36:49	1	0	1	1	0	1.0309	1.0306	-0.0003	0.9221	0.9211	0.0010
2024-02-12T14:36:53	2	0	11	11	0	1.0467	1.0467	0.0000	-0.9992	-0.9992	0.0000
2024-02-12T14:37:58	1	0	35	34	1	1.0530	1.0529	-0.0001	0.9723	0.9723	0.0000
2024-02-12T14:38:06	1	0	19	18	1	1.0471	1.0471	0.0000	0.968	0.9678	0.0002
2024-02-12T14:38:53	3	0	10	10	0	1.0360	1.0359	-0.0001	-1	-1	0.0000
2024-02-12T14:38:59	3	0	236	233	3	1.0606	1.0606	0.0000	-0.9775	-0.9775	0.0000
2024-02-12T14:39:49	2	0	393	385	8	1.0571	1.0571	0.0000	0.9906	0.9906	0.0000
2024-02-12T14:41:00	3	0	49	49	0	0.9598	0.9598	0.0000	0.9519	0.9519	0.0000
2024-02-12T14:42:03	2	0	55	55	0	1.0572	1.0571	0.0000	0.9998	0.9998	0.0000
2024-02-12T14:42:13	7	0	179	173	6	1.0555	1.0554	-0.0001	0.9794	0.9794	0.0000
2024-02-12T14:42:34	1	0	5	5	0	1.0230	1.0230	0.0000	0.9733	0.9733	0.0000
2024-02-12T14:43:16	1	0	3	3	0	1.0664	1.0662	-0.0002	0.9791	0.9791	0.0000
2024-02-12T14:43:23	2	0	18	18	0	1.0488	1.0488	0.0000	0.9964	0.9964	0.0000
2024-02-12T14:43:43	1	0	1	1	0	1.0255	1.0251	-0.0004	0.9841	0.984	0.0001
2024-02-12T14:43:52	1	0	18	18	0	1.0494	1.0493	0.0000	0.998	0.998	0.0000

2024-02-12T14:44:17	1	0	2	2	0	1.0064	1.0063	-0.0001	0.9956	0.9955	0.0001
2024-02-12T14:44:44	6	0	48	48	0	1.0558	1.0558	0.0000	0.997	0.997	0.0000
2024-02-12T14:45:26	2	0	152	150	2	1.0531	1.0531	0.0001	0.9985	0.9985	0.0000
2024-02-12T14:46:06	2	0	8	8	0	1.0275	1.0275	0.0000	0.987	0.9867	0.0003
2024-02-12T14:47:27	1	0	35	34	1	1.0522	1.0517	-0.0005	0.9997	0.9997	0.0000
2024-02-12T14:48:47	2	0	2	2	0	1.0491	1.0475	-0.0017	-0.9723	-0.9825	0.0102
2024-02-12T14:48:48	2	0	1	1	0	1.0585	1.0580	-0.0005	0.9341	0.934	0.0001
2024-02-12T14:50:26	1	0	21	20	1	1.0531	1.0527	-0.0004	0.9913	0.9903	0.0010
2024-02-12T14:50:41	3	0	64	64	0	1.0548	1.0547	-0.0001	-0.9986	-0.9987	0.0001
2024-02-12T14:51:15	2	0	10	10	0	1.0527	1.0527	0.0000	-0.6633	-0.6638	0.0005
2024-02-12T14:54:36	3	0	116	115	1	1.0559	1.0561	0.0002	0.9657	0.9653	0.0004
2024-02-12T14:54:50	1	0	332	330	2	1.0564	1.0564	0.0000	0.9905	0.9905	0.0000
2024-02-12T14:55:03	1	0	4	4	0	1.0460	1.0457	-0.0003	0.9657	0.9656	0.0001
2024-02-12T14:57:32	1	0	2	2	0	0.9953	0.9954	0.0001	-0.9969	-0.9969	0.0000
2024-02-12T14:59:26	1	0	32	31	1	1.0482	1.0479	-0.0003	-1	-1	0.0000
2024-02-12T14:59:43	1	0	42	42	0	1.0497	1.0497	-0.0001	-0.9931	-0.9932	0.0001
2024-02-12T15:03:48	1	0	7	6	1	1.0503	1.0488	-0.0016	-0.9701	-0.9804	0.0103
2024-02-12T15:03:49	3	0	2	2	0	0.9597	0.9603	0.0006	0.9328	0.9333	-0.0005
2024-02-12T15:05:18	1	0	3	3	0	1.0505	1.0505	-0.0001	0.9983	0.9982	0.0001
2024-02-12T15:05:29	1	0	21	20	1	1.0534	1.0531	-0.0003	0.9917	0.9907	0.0010
2024-02-12T15:11:04	2	0	1	1	0	1.0213	1.0198	-0.0015	-0.9918	-0.9888	-0.0030
2024-02-12T15:12:12	1	0	8	8	0	1.0472	1.0472	0.0000	0.9989	0.9989	0.0000
2024-02-12T15:14:15	2	0	6	6	0	1.0221	1.0220	-0.0001	0.9941	0.994	0.0001
2024-02-12T15:15:30	7	0	4	4	0	1.0156	1.0141	-0.0015	0.9896	0.9891	0.0005
2024-02-12T15:16:11	2	0	4	4	0	1.0011	1.0017	0.0006	0.9881	0.9887	-0.0006
2024-02-12T15:17:24	1	0	7	7	0	1.0403	1.0403	0.0000	1	1	0.0000
2024-02-12T15:18:49	1	0	2	2	0	1.0488	1.0476	-0.0012	-0.972	-0.9728	0.0008
2024-02-12T15:20:07	1	0	3	3	0	1.0477	1.0477	0.0000	0.983	0.9829	0.0001
2024-02-12T15:20:31	1	0	61	52	9	1.0568	1.0567	-0.0002	0.9953	0.9945	0.0008
2024-02-12T15:26:05	2	0	3	3	0	1.0242	1.0236	-0.0006	-0.9789	-0.9755	-0.0034
2024-02-12T15:33:15	1	0	20	20	0	1.0491	1.0490	0.0000	0.9365	0.9363	0.0002
2024-02-12T15:36:03	1	0	8	8	0	1.0212	1.0211	0.0000	0.8601	0.86	0.0001
2024-02-12T15:37:49	2	0	15	15	0	1.0434	1.0431	-0.0003	0.996	0.996	0.0000
2024-02-12T15:41:04	1	0	508	508	0	0.8706	0.8712	0.0006	0.9199	0.9201	-0.0002
2024-02-12T15:47:26	2	0	4	4	0	1.0429	1.0427	-0.0002	0.9988	0.9988	0.0000
2024-02-12T15:48:51	1	0	2	2	0	1.0486	1.0477	-0.0010	-0.9749	-0.9837	0.0088
2024-02-12T15:50:34	1	0	43	40	3	1.0565	1.0562	-0.0003	0.9962	0.9956	0.0006
2024-02-12T15:51:05	1	0	24	24	0	1.0465	1.0465	0.0000	0.9996	0.9996	0.0000
2024-02-12T15:51:07	1	0	1	0	1	1.0452	null	null	-1	1	0.0000
2024-02-12T15:56:05	1	0	392	391	1	0.9013	0.9015	0.0002	0.9427	0.9343	0.0084
2024-02-12T15:59:32	1	0	41	40	1	1.0495	1.0494	-0.0002	-1	-1	0.0000
2024-02-12T16:14:33	1	0	42	41	1	1.0499	1.0497	-0.0001	-0.9997	-0.9996	-0.0001
2024-02-12T16:14:55	1	0	2	2	0	1.0474	1.0473	-0.0002	0.985	0.9849	0.0001
2024-02-12T16:15:02	1	0	118	116	2	1.0542	1.0541	0.0000	-0.9874	-0.9874	0.0000
2024-02-12T16:16:15	2	0	30	30	0	1.0487	1.0453	-0.0035	0.9898	0.9893	0.0005
2024-02-12T16:18:53	1	0	2	2	0	1.0462	1.0454	-0.0008	-0.9802	-0.9806	0.0004
2024-02-12T16:40:52	4	0	3	3	0	0.9554	0.9576	0.0022	0.9896	0.9897	-0.0001
2024-02-12T16:44:10	1	0	43	22	21	0.9416	0.9425	0.0010	0.9878	0.988	-0.0002
2024-02-12T16:47:43	1	0	3	3	0	1.0386	1.0385	-0.0002	0.9814	0.9815	-0.0001
2024-02-12T16:48:55	1	0	2	2	0	1.0470	1.0465	-0.0005	-0.9819	-0.9821	0.0002
2024-02-12T16:53:19	1	0	60	59	1	1.0481	1.0479	-0.0002	-0.9956	-0.9956	0.0000
2024-02-12T17:03:56	1	0	3	3	0	1.0462	1.0459	-0.0003	-0.9827	-0.9858	0.0031
2024-02-12T17:26:13	1	0	42	41	1	0.9420	0.9420	0.0001	-0.991	-0.9906	-0.0004
2024-02-13T07:50:19	1	0	194	194	0	0.9281	0.9281	0.0001	0.9871	0.9871	0.0000
2024-02-13T07:53:03	2	0	81	79	2	0.9400	0.9400	0.0000	1	-1	0.0000
2024-02-13T08:03:51	9	0	354	347	7	0.9697	0.9699	0.0002	0.9925	0.9925	0.0000
2024-02-13T08:04:01	1	0	47	47	0	0.9356	0.9357	0.0001	0.9982	0.9981	0.0001
2024-02-13T08:04:46	4	0	486	447	39	1.0602	1.0600	-0.0002	0.9998	0.9994	0.0004
2024-02-13T08:31:02	2	0	296	296	0	1.0654	1.0654	0.0000	0.9596	0.9596	0.0000
2024-02-13T08:31:54	2	0	125	125	0	1.0550	1.0548	-0.0002	0.9881	0.988	0.0001
2024-02-13T08:33:50	2	0	181	181	0	0.9366	0.9367	0.0001	-0.9999	-0.9999	0.0000
2024-02-13T08:35:04	1	0	2	2	0	1.0289	1.0286	-0.0004	1	1	0.0000
2024-02-13T08:35:45	1	0	168	168	0	1.0577	1.0577	0.0000	0.9983	0.9984	-0.0001
2024-02-13T08:43:19	1	0	111	111	0	1.0598	1.0597	0.0000	-0.9998	-0.9998	0.0000
2024-02-13T08:48:53	2	0	181	181	0	0.9288	0.9288	0.0000	-1	-1	0.0000
2024-02-13T08:53:01	1	0	96	96	0	0.9404	0.9405	0.0000	0.9833	0.9833	0.0000
2024-02-13T08:54:01	2	0	160	159	1	0.9355	0.9356	0.0001	0.9907	0.9905	0.0002
2024-02-13T09:02:02	2	0	9	8	1	0.9426	0.9427	0.0002	-0.9888	-0.9882	-0.0006
2024-02-13T09:03:38	1	0	43	42	1	0.9372	0.9375	0.0003	0.9987	0.9986	0.0001
2024-02-13T09:04:14	1	0	11	10	1	1.0529	1.0526	-0.0004	0.9739	0.9739	0.0000
2024-02-13T09:05:37	2	0	157	156	1	0.9364	0.9367	0.0003	0.9895	0.9893	0.0002
2024-02-13T09:09:10	1	0	181	181	0	0.9366	0.9368	0.0001	-0.9997	-0.9997	0.0000
2024-02-13T09:10:12	1	0	100	99	1	1.0542	1.0542	0.0000	-0.9998	-0.9999	0.0001
2024-02-13T09:20:39	1	0	18	18	0	1.0377	1.0376	-0.0001	0.9634	0.9633	0.0001
2024-02-13T09:20:44	1	0	95	84	11	1.0576	1.0574	-0.0002	-0.9997	-0.9997	0.0000
2024-02-13T09:25:18	1	0	9	9	0	0.9964	0.9963	-0.0001	0.9588	0.9587	0.0001
2024-02-13T09:25:23	5	0	29	29	0	1.0528	1.0527	-0.0001	-0.9992	-0.9993	0.0001
2024-02-13T09:35:24	1	0	48	46	2	1.0556	1.0553	-0.0003	-0.9996	-0.9996	0.0000
2024-02-13T09:37:42	2	0	3	2	1	1.0427	1.0365	-0.0062	0.9986	0.9985	0.0001
2024-02-13T09:40:33	2	0	19	18	1	1.0523	1.0523	0.0000	0.9921	0.992	0.0001
2024-02-13T09:41:06	1	0	22	22	0	0.9654	0.9657	0.0003	0.985	0.985	0.0000
2024-02-13T09:42:37	1	0	2	2	0	1.0327	1.0323	-0.0005	0.9998	0.9997	0.0001
2024-02-13T09:44:02	4	0	45	44	1	1.0767	1.0774	0.0007	-0.9956	-0.9959	0.0003
2024-02-13T09:45:12	4	0	8	8	0	0.9749	0.9746	-0.0003	0.9835	0.9833	0.0002
2024-02-13T09:45:38	1	0	48	44	4	0.9422	0.9425	0.0003	0.9959	0.9959	0.0000

2024-02-13T09:50:01	1	0	17	16	1	1.0408	1.0404	-0.0004	0.9525	0.9523	0.0002
2024-02-13T09:52:30	2	0	1	1	0	0.9645	0.9654	0.0009	0.9845	0.9845	0.0000
2024-02-13T09:59:54	3	0	7	7	0	0.9912	0.9910	-0.0002	0.9966	0.9966	0.0000
2024-02-13T10:00:31	1	0	17	16	1	1.0488	1.0491	0.0002	0.9924	0.9924	0.0000
2024-02-13T10:00:44	1	0	3	3	0	1.0073	1.0071	-0.0002	0.9871	0.987	0.0001
2024-02-13T10:01:50	2	0	99	98	1	0.9478	0.9521	0.0043	0.9964	0.9963	0.0001
2024-02-13T10:01:52	2	0	3	3	0	1.0318	1.0311	-0.0007	0.9983	0.9983	0.0000
2024-02-13T10:02:20	1	0	49	47	2	0.9430	0.9432	0.0002	0.9905	0.9905	0.0000
2024-02-13T10:03:23	1	0	60	60	0	0.9284	0.9287	0.0004	1	1	0.0000
2024-02-13T10:04:40	1	0	1	1	0	1.0336	1.0332	-0.0004	0.9712	0.9711	0.0001
2024-02-13T10:05:20	1	0	1	0	1	1.0252	null	null	0.9998	0.9998	0.0000
2024-02-13T10:06:29	2	0	5	5	0	1.0305	1.0303	-0.0001	0.989	0.9888	0.0002
2024-02-13T10:10:49	1	0	5	5	0	0.9721	0.9722	0.0002	0.9858	0.9858	0.0000
2024-02-13T10:12:11	3	0	181	175	6	0.9367	0.9369	0.0002	-0.9997	-0.9997	0.0000
2024-02-13T10:12:44	2	0	8	8	0	0.9431	0.9442	0.0010	0.9937	0.9937	0.0000
2024-02-13T10:13:21	1	0	2	2	0	0.9911	0.9910	-0.0002	0.9968	0.9968	0.0000
2024-02-13T10:14:57	2	0	1	0	1	1.0586	null	null	0.9876	0.9875	0.0001
2024-02-13T10:15:30	1	0	37	37	0	1.0734	1.0734	0.0000	-0.9907	-0.9908	0.0001
2024-02-13T10:15:32	1	0	14	14	0	1.0479	1.0479	0.0000	0.9973	0.9972	0.0001
2024-02-13T10:16:46	2	0	3	3	0	1.0289	1.0285	-0.0004	0.9923	0.9922	0.0001
2024-02-13T10:16:57	2	0	3	3	0	1.0293	1.0288	-0.0005	0.9983	0.9982	0.0001
2024-02-13T10:18:41	4	0	3	2	1	1.0439	1.0431	-0.0008	0.9988	0.9988	0.0000
2024-02-13T10:19:34	1	0	18	18	0	1.0532	1.0531	-0.0001	0.9865	0.9856	0.0009
2024-02-13T10:20:03	2	0	12	11	1	1.0189	1.0154	-0.0035	0.9554	0.9464	0.0090
2024-02-13T10:20:33	2	0	33	33	0	1.0544	1.0541	-0.0003	-0.9976	-0.9976	0.0000
2024-02-13T10:21:35	1	0	103	102	1	1.0668	1.0665	-0.0003	0.9952	0.9952	0.0000
2024-02-13T10:26:03	1	0	3	3	0	1.0334	1.0333	-0.0001	-0.9611	-0.9613	0.0002
2024-02-13T10:27:45	2	0	16	17	-1	0.9405	0.9474	0.0068	0.989	0.9891	-0.0001
2024-02-13T10:29:08	1	0	40	40	0	1.0552	1.0551	-0.0001	0.9997	0.9997	0.0000
2024-02-13T10:29:56	2	0	8	8	0	0.9793	0.9791	-0.0002	0.9903	0.9902	0.0001
2024-02-13T10:30:01	1	0	1	0	1	1.0555	null	null	0.991	0.991	0.0000
2024-02-13T10:30:29	1	0	4	4	0	1.0186	1.0179	-0.0006	0.9559	0.9737	-0.0178
2024-02-13T10:33:42	2	0	10	10	0	1.0447	1.0444	-0.0004	0.9993	0.9993	0.0000
2024-02-13T10:36:59	1	0	5	5	0	1.0449	1.0448	-0.0001	0.9296	0.9262	0.0034
2024-02-13T10:37:50	3	0	4	4	0	1.0334	1.0331	-0.0003	0.9978	0.9978	0.0000
2024-02-13T10:43:54	2	0	22	21	1	1.0477	1.0473	-0.0004	-0.9993	-0.9993	0.0000
2024-02-13T10:43:58	1	0	25	24	1	1.0503	1.0500	-0.0002	0.9682	0.9682	0.0000
2024-02-13T10:44:17	2	0	132	129	3	0.9261	0.9264	0.0003	0.9843	0.9844	-0.0001
2024-02-13T10:45:46	2	0	11	11	0	0.9687	0.9685	-0.0002	-0.9973	-0.9973	0.0000
2024-02-13T10:49:09	1	0	26	24	2	1.0546	1.0542	-0.0004	0.9733	0.9719	0.0014
2024-02-13T10:49:44	2	0	29	28	1	1.0530	1.0528	-0.0003	-0.9977	-0.9978	0.0001
2024-02-13T10:49:48	1	0	22	21	1	1.0483	1.0482	-0.0001	-0.9985	-0.9985	0.0000
2024-02-13T10:50:47	1	0	7	7	0	0.9728	0.9726	-0.0002	0.9966	0.9966	0.0000
2024-02-13T10:52:03	1	0	16	15	1	1.0496	1.0499	0.0003	0.9884	0.9882	0.0002
2024-02-13T10:54:01	3	0	54	50	4	1.0550	1.0546	-0.0004	0.963	0.9624	0.0006
2024-02-13T10:54:03	2	0	2	1	1	1.0562	1.0555	-0.0007	0.9923	0.9921	0.0002
2024-02-13T10:56:01	1	0	1	1	0	1.0580	1.0570	-0.0010	0.9804	0.9803	0.0001
2024-02-13T10:56:03	1	0	3	3	0	1.0300	1.0298	-0.0002	0.9905	0.9904	0.0001
2024-02-13T10:56:49	1	0	14	13	1	0.9671	0.9612	-0.0060	-0.9972	-0.9973	0.0001
2024-02-13T10:57:39	1	0	3	3	0	1.0020	1.0016	-0.0003	-0.9899	-0.9898	-0.0001
2024-02-13T10:58:38	1	0	7	7	0	1.0441	1.0440	-0.0001	-0.9995	-0.9995	0.0000
2024-02-13T10:59:30	1	0	21	20	1	1.0478	1.0475	-0.0004	0.9819	0.9819	0.0000
2024-02-13T11:00:42	1	0	1	1	0	1.0302	1.0299	-0.0003	0.9756	0.975	0.0006
2024-02-13T11:00:59	1	0	249	249	0	0.9316	0.9317	0.0001	0.977	0.977	0.0000
2024-02-13T11:01:30	1	0	3	3	0	1.0339	1.0337	-0.0003	0.9986	0.9986	0.0000
2024-02-13T11:01:41	6	0	55	51	4	1.0529	1.0526	-0.0003	0.9801	0.9799	0.0002
2024-02-13T11:01:43	1	0	1	0	1	1.0555	null	null	0.9776	0.9776	0.0000
2024-02-13T11:01:49	2	0	3	3	0	1.0347	1.0345	-0.0003	-0.9739	-0.974	0.0001
2024-02-13T11:02:11	1	0	10	10	0	1.0103	1.0104	0.0001	0.9554	0.9553	0.0001
2024-02-13T11:03:19	1	0	24	24	0	1.0483	1.0482	-0.0001	0.9994	0.9994	0.0000
2024-02-13T11:04:11	1	0	20	19	1	1.0527	1.0522	-0.0004	0.9703	0.9688	0.0015
2024-02-13T11:08:38	4	0	69	70	-1	1.0557	1.0557	0.0000	0.9663	0.966	0.0003
2024-02-13T11:11:54	1	0	2	2	0	1.0386	1.0379	-0.0007	-0.9965	-0.9965	0.0000
2024-02-13T11:12:22	2	0	9	8	1	0.9732	0.9616	-0.0116	0.9962	0.9961	0.0001
2024-02-13T11:12:37	1	0	1	1	0	1.0300	1.0296	-0.0004	0.996	0.9959	0.0001
2024-02-13T11:13:23	1	0	76	77	-1	1.0710	1.0710	0.0000	-0.9899	-0.9899	0.0000
2024-02-13T11:14:39	1	0	1	1	0	1.0621	1.0598	-0.0023	0.9899	0.9899	0.0000
2024-02-13T11:15:06	1	0	7	8	-1	1.0293	1.0293	0.0001	0.9529	0.9525	0.0004
2024-02-13T11:16:44	1	0	1	1	0	1.0568	1.0562	-0.0006	0.9769	0.9768	0.0001
2024-02-13T11:17:51	2	0	4	4	0	1.0412	1.0409	-0.0003	0.9982	0.9982	0.0000
2024-02-13T11:19:13	1	0	23	22	1	1.0541	1.0537	-0.0004	0.9707	0.9691	0.0016
2024-02-13T11:19:19	1	0	2	2	0	1.0336	1.0333	-0.0002	0.9734	0.9733	0.0001
2024-02-13T11:20:12	2	0	2	2	0	1.0640	1.0632	-0.0008	-0.88	-0.8837	0.0037
2024-02-13T11:20:49	1	0	11	11	0	0.9613	0.9613	0.0000	0.9968	0.9968	0.0000
2024-02-13T11:21:13	1	0	114	110	4	0.9674	0.9678	0.0003	0.9924	0.9925	-0.0001
2024-02-13T11:23:39	2	0	77	77	0	1.0570	1.0570	0.0000	0.9714	0.9714	0.0000
2024-02-13T11:24:03	1	0	48	48	0	1.0537	1.0537	0.0000	0.9609	0.9608	0.0001
2024-02-13T11:24:09	1	0	101	89	12	1.0592	1.0593	0.0000	0.9641	0.964	0.0001
2024-02-13T11:27:58	1	0	4	4	0	1.0404	1.0403	-0.0001	0.9967	0.9967	0.0000
2024-02-13T11:28:10	1	0	4	4	0	0.9866	0.9866	0.0000	0.9986	0.9986	0.0000
2024-02-13T11:28:47	1	0	11	11	0	1.0463	1.0463	0.0000	-0.9983	-0.9983	0.0000
2024-02-13T11:29:32	2	0	22	20	2	1.0483	1.0476	-0.0007	0.9819	0.9819	0.0000
2024-02-13T11:30:08	2	0	2	2	0	1.0348	1.0339	-0.0009	0.9754	0.975	0.0004
2024-02-13T11:30:26	2	0	2	2	0	1.0177	1.0174	-0.0004	0.9671	0.9664	0.0007
2024-02-13T11:30:41	1	0	1	1	0	0.9437	0.9449	0.0012	-0.9944	-0.9943	-0.0001

2024-02-13T11:31:42	4	0	50	49	1	1.0528	1.0528	-0.0001	0.9781	0.9781	0.0000
2024-02-13T11:32:02	3	0	126	125	1	1.0588	1.0608	0.0021	0.971	0.9711	-0.0001
2024-02-13T11:32:17	1	0	2	2	0	1.0451	1.0447	-0.0005	0.9329	0.9327	0.0002
2024-02-13T11:33:03	7	0	13	13	0	1.0512	1.0502	-0.0010	-0.9978	-0.998	0.0002
2024-02-13T11:34:15	2	0	40	34	6	1.0560	1.0558	-0.0002	0.9698	0.9685	0.0013
2024-02-13T11:34:20	2	0	2	1	1	1.0429	1.0303	-0.0126	0.9772	0.9772	0.0000
2024-02-13T11:34:30	1	0	20	20	0	0.9927	0.9927	0.0000	0.9987	0.9987	0.0000
2024-02-13T11:34:51	3	0	52	51	1	1.0497	1.0497	0.0000	-0.9987	-0.9987	0.0000
2024-02-13T11:35:16	1	0	223	80	143	1.0280	0.9280	-0.1000	0.9777	0.9688	0.0089
2024-02-13T11:41:08	2	0	26	24	2	1.0526	1.0523	-0.0003	-0.9988	-0.9988	0.0000
2024-02-13T11:42:35	1	0	1	1	0	1.0344	1.0344	0.0000	-0.97	-0.9699	-0.0001
2024-02-13T11:43:15	1	0	4	4	0	1.0036	1.0036	-0.0001	0.9979	0.9979	0.0000
2024-02-13T11:44:33	1	0	32	29	3	1.0493	1.0485	-0.0008	0.9827	0.9826	0.0001
2024-02-13T11:44:35	8	0	5	6	-1	0.9589	0.9679	0.0090	0.9898	0.9899	-0.0001
2024-02-13T11:45:01	1	0	1	1	0	1.0565	1.0565	0.0000	0.9944	0.9944	0.0000
2024-02-13T11:45:11	2	0	3	3	0	1.0422	1.0414	-0.0007	0.9085	0.9333	-0.0248
2024-02-13T11:46:13	1	0	1	1	0	1.0392	1.0389	-0.0003	-0.9999	-0.9999	0.0000
2024-02-13T11:47:03	3	0	126	125	1	1.0607	1.0613	0.0006	0.9719	0.97	0.0019
2024-02-13T11:48:35	1	0	35	34	1	1.0488	1.0485	-0.0002	0.9934	0.9934	0.0000
2024-02-13T11:49:31	1	0	19	19	0	0.9963	0.9963	0.0000	0.9985	0.9984	0.0001
2024-02-13T11:54:23	1	0	3	2	1	1.0593	1.0586	-0.0007	0.9928	0.9927	0.0001
2024-02-13T11:56:50	3	0	151	151	0	1.0589	1.0589	0.0000	0.9692	0.9692	0.0000
2024-02-13T11:59:34	2	0	38	36	2	1.0498	1.0494	-0.0004	0.9818	0.9818	0.0000
2024-02-13T12:00:03	1	0	1	1	0	1.0555	1.0555	0.0000	0.9939	0.9939	0.0000
2024-02-13T12:00:22	1	0	29	28	1	1.0526	1.0525	-0.0001	0.9732	0.9732	0.0000
2024-02-13T12:00:35	2	0	11	10	1	1.0469	1.0461	-0.0008	-0.9997	-0.9997	0.0000
2024-02-13T12:02:22	1	0	5	5	0	1.0455	1.0455	0.0000	0.9312	0.9312	0.0000
2024-02-13T12:04:47	4	0	37	37	0	1.0700	1.0690	-0.0011	-0.9716	-0.9716	0.0000
2024-02-13T12:08:46	1	0	99	94	5	1.0626	1.0627	0.0001	0.9898	0.9893	0.0005
2024-02-13T12:08:58	2	0	5	4	1	1.0427	1.0390	-0.0037	0.9484	0.9483	0.0001
2024-02-13T12:09:30	1	0	4	3	1	1.0598	1.0590	-0.0008	0.9919	0.9919	0.0000
2024-02-13T12:11:51	3	0	156	156	0	1.0594	1.0594	0.0000	0.9696	0.9696	0.0000
2024-02-13T12:11:56	1	0	15	14	1	1.0482	1.0476	-0.0006	0.9986	0.9986	0.0000
2024-02-13T12:12:20	1	0	26	24	2	1.0537	1.0535	-0.0002	0.9961	0.996	0.0001
2024-02-13T12:12:37	1	0	1	1	0	1.0348	1.0348	0.0000	-0.9698	-0.9696	-0.0002
2024-02-13T12:15:13	2	0	8	8	0	1.0343	1.0340	-0.0003	0.948	0.9479	0.0001
2024-02-13T12:26:08	2	0	5	5	0	1.0252	1.0252	0.0000	0.985	0.9849	0.0001
2024-02-13T12:33:21	1	0	10	10	0	1.0505	1.0505	0.0000	0.9987	0.9986	0.0001
2024-02-13T12:34:47	2	0	8	7	1	1.0484	1.0470	-0.0013	0.977	0.9769	0.0001
2024-02-13T12:36:17	1	0	2	2	0	1.0365	1.0365	0.0000	0.9929	0.9929	0.0000
2024-02-13T12:47:28	2	0	26	8	18	1.0558	1.0518	-0.0039	0.9883	0.9586	0.0297
2024-02-13T12:50:36	4	0	196	197	-1	0.9257	0.9258	0.0001	-1	-1	0.0000
2024-02-13T12:53:52	2	0	5	5	0	1.0290	1.0289	-0.0001	0.9879	0.9877	0.0002
2024-02-13T12:56:48	5	0	7	8	-1	1.0511	1.0506	-0.0006	-0.9974	-0.9973	-0.0001
2024-02-13T12:59:22	1	0	3	3	0	1.0375	1.0375	0.0000	0.9931	0.9931	0.0000
2024-02-13T12:59:35	2	0	10	10	0	1.0000	1.0001	0.0001	0.9984	0.9985	-0.0001
2024-02-13T13:05:37	1	0	187	187	0	0.9273	0.9273	0.0000	-0.9999	-0.9999	0.0000
2024-02-13T13:08:20	9	0	8	9	-1	0.9862	0.9943	0.0081	0.9862	0.9877	-0.0015
2024-02-13T13:16:32	5	0	234	230	4	1.0596	1.0596	-0.0001	-0.9917	-0.9917	0.0000
2024-02-13T13:21:21	1	0	279	278	1	1.0617	1.0617	0.0000	0.9939	0.9939	0.0000
2024-02-13T13:22:42	1	0	11	10	1	1.0538	1.0531	-0.0007	0.9963	0.9963	0.0000
2024-02-13T13:27:59	1	0	49	46	3	1.0569	1.0569	0.0000	0.9886	0.9887	-0.0001
2024-02-13T13:32:31	2	0	11	11	0	1.0529	1.0528	-0.0001	0.982	0.9817	0.0003
2024-02-13T13:33:23	1	0	24	24	0	1.0528	1.0524	-0.0004	0.9886	0.9885	0.0001
2024-02-13T13:41:53	2	0	15	14	1	1.0509	1.0506	-0.0003	-0.9983	-0.9984	0.0001
2024-02-13T13:47:54	1	0	2	3	-1	1.0606	1.0590	-0.0017	0.9943	0.9943	0.0000
2024-02-13T13:48:46	2	0	1	1	0	1.0083	1.0073	-0.0010	1	1	0.0000
2024-02-13T13:50:42	1	0	20	19	1	1.0493	1.0490	-0.0003	0.9996	0.9997	-0.0001
2024-02-13T13:51:54	1	0	2	2	0	1.0311	1.0308	-0.0004	0.999	0.9989	0.0001
2024-02-13T13:53:23	1	0	7	7	0	0.9773	0.9773	-0.0001	0.9919	0.9919	0.0000
2024-02-13T13:54:09	1	0	29	29	0	1.0540	1.0539	0.0000	0.9662	0.966	0.0002
2024-02-13T13:57:23	1	0	92	91	1	1.0506	1.0505	-0.0001	0.9948	0.9948	0.0000
2024-02-13T14:03:00	2	0	3	3	0	1.0594	1.0594	-0.0001	0.9938	0.9938	0.0000
2024-02-13T14:04:57	2	0	48	47	1	1.0552	1.0551	0.0000	-0.9997	-0.9997	0.0000
2024-02-13T14:06:50	1	0	12	12	0	1.0457	1.0457	0.0000	0.996	0.996	0.0000
2024-02-13T14:08:26	6	0	6	6	0	0.9861	0.9859	-0.0003	0.9939	0.9938	0.0001
2024-02-13T14:09:10	1	0	29	29	0	1.0533	1.0532	0.0000	0.9681	0.968	0.0001
2024-02-13T14:10:32	7	0	67	64	3	1.0539	1.0538	-0.0001	0.9806	0.9805	0.0001
2024-02-13T14:10:40	1	0	2	2	0	1.0171	1.0169	-0.0002	-0.9982	-0.9983	0.0001
2024-02-13T14:13:04	2	0	68	61	7	1.0574	1.0573	-0.0001	0.9897	0.9885	0.0012
2024-02-13T14:13:10	1	0	2	2	0	1.0454	1.0454	0.0000	0.9772	0.9772	0.0000
2024-02-13T14:15:04	5	0	23	25	-2	0.9999	1.0003	0.0004	0.9743	0.9745	-0.0002
2024-02-13T14:16:33	1	0	4	4	0	0.9645	0.9648	0.0003	0.9871	0.9872	-0.0001
2024-02-13T14:17:34	1	0	13	13	0	1.0516	1.0515	-0.0001	0.9886	0.9885	0.0001
2024-02-13T14:18:01	2	0	2	2	0	1.0586	1.0583	-0.0004	0.994	0.9939	0.0001
2024-02-13T14:18:57	1	0	417	413	4	0.8954	0.8957	0.0003	0.9362	0.9364	-0.0002
2024-02-13T14:19:58	2	0	42	41	1	1.0547	1.0546	-0.0001	-0.9987	-0.9987	0.0000
2024-02-13T14:21:14	4	0	7	8	-1	0.9473	0.9605	0.0133	0.9975	0.9975	0.0000
2024-02-13T14:21:54	1	0	4	4	0	1.0170	1.0170	-0.0001	0.9978	0.9978	0.0000
2024-02-13T14:22:31	1	0	17	17	0	1.0488	1.0488	0.0000	-0.9969	-0.9969	0.0000
2024-02-13T14:23:27	8	0	5	5	0	0.9795	0.9790	-0.0005	0.9922	0.992	0.0002
2024-02-13T14:23:58	1	0	1	1	0	1.0364	1.0363	-0.0001	0.9912	0.9821	0.0091
2024-02-13T14:25:33	4	0	51	51	0	1.0529	1.0529	0.0000	0.979	0.9789	0.0001
2024-02-13T14:25:41	1	0	5	5	0	1.0206	1.0206	0.0000	-0.9981	-0.9981	0.0000
2024-02-13T14:27:02	2	0	2	2	0	1.0372	1.0370	-0.0002	-1	-1	0.0000

2024-02-13T14:28:06	2	0	80	76	4	1.0582	1.0580	-0.0002	0.992	0.9909	0.0011
2024-02-13T14:29:41	1	0	7	7	0	0.9770	0.9770	0.0001	0.9976	0.9976	0.0000
2024-02-13T14:30:05	5	0	17	17	0	0.9634	0.9635	0.0001	0.9727	0.9727	0.0000
2024-02-13T14:32:35	2	0	73	63	10	1.0574	1.0573	-0.0001	0.9869	0.972	0.0149
2024-02-13T14:33:07	2	0	1	1	0	1.0603	1.0600	-0.0003	0.9936	0.9935	0.0001
2024-02-13T14:34:20	1	0	1	1	0	1.0169	1.0166	-0.0003	0.9851	0.9851	0.0000
2024-02-13T14:34:26	1	0	7	7	0	1.0323	1.0323	0.0000	0.9917	0.9916	0.0001
2024-02-13T14:36:15	2	0	1	1	0	1.0592	1.0588	-0.0004	0.9995	0.9995	0.0000
2024-02-13T14:36:33	1	0	4	4	0	1.0016	1.0015	-0.0001	-0.9814	-0.9812	-0.0002
2024-02-13T14:36:50	2	0	127	115	12	1.0569	1.0566	-0.0003	0.9994	0.9987	0.0007
2024-02-13T14:36:59	1	0	2	2	0	1.0209	1.0207	-0.0003	0.9967	0.9967	0.0000
2024-02-13T14:38:59	1	0	1	1	0	1.0329	1.0328	-0.0001	0.9846	0.9826	0.0020
2024-02-13T14:39:04	2	0	2	2	0	1.0094	1.0090	-0.0004	0.8999	0.8989	0.0010
2024-02-13T14:39:33	1	0	3	3	0	1.0348	1.0345	-0.0003	-0.9839	-0.984	0.0001
2024-02-13T14:40:21	1	0	5	5	0	1.0430	1.0430	0.0000	0.9971	0.9971	0.0000
2024-02-13T14:44:08	2	0	94	83	11	1.0574	1.0573	-0.0001	0.9889	0.9883	0.0006
2024-02-13T14:44:17	1	0	1	1	0	1.0358	1.0355	-0.0003	0.9806	0.9782	0.0024
2024-02-13T14:44:38	2	0	28	27	1	1.0417	1.0410	-0.0008	0.9473	0.9462	0.0011
2024-02-13T14:44:40	2	0	56	54	2	0.9436	0.9436	0.0000	0.9939	0.9945	-0.0006
2024-02-13T14:44:47	1	0	33	33	0	1.0498	1.0498	0.0000	-0.997	-0.997	0.0000
2024-02-13T14:45:46	1	0	8	8	0	0.9853	0.9853	0.0000	0.9982	0.9982	0.0000
2024-02-13T14:46:10	4	0	15	14	1	0.9554	0.9554	0.0001	0.9769	0.9769	0.0000
2024-02-13T14:52:55	1	0	27	27	0	1.0493	1.0493	0.0000	0.9975	0.9974	0.0001
2024-02-13T14:54:29	2	0	62	60	2	1.0503	1.0501	-0.0002	0.9911	0.9911	0.0000
2024-02-13T14:54:31	9	0	5	5	0	0.9815	0.9812	-0.0002	0.9908	0.9907	0.0001
2024-02-13T14:55:17	1	0	30	30	0	1.0539	1.0539	0.0000	0.973	0.9729	0.0001
2024-02-13T14:55:21	4	0	9	9	0	1.0172	1.0169	-0.0002	0.9829	0.9825	0.0004
2024-02-13T14:56:40	4	0	123	121	2	1.0552	1.0552	0.0000	0.9804	0.9804	0.0000
2024-02-13T14:57:08	1	0	1	1	0	1.0302	1.0298	-0.0004	0.9922	0.9922	0.0000
2024-02-13T14:57:49	2	0	13	12	1	1.0489	1.0477	-0.0012	-0.9835	-0.9843	0.0008
2024-02-13T14:58:11	1	0	1	1	0	1.0209	1.0208	-0.0001	1	1	0.0000
2024-02-13T14:58:31	1	0	95	94	1	1.0502	1.0501	-0.0001	0.9951	0.9951	0.0000
2024-02-13T14:59:04	4	0	10	10	0	1.0504	1.0501	-0.0003	0.9831	0.9825	0.0006
2024-02-13T14:59:11	1	0	103	95	8	1.0580	1.0577	-0.0002	0.9924	0.9919	0.0005
2024-02-13T14:59:17	1	0	1	1	0	1.0328	1.0328	0.0000	0.9796	0.9773	0.0023
2024-02-13T15:02:38	3	0	219	212	7	1.0588	1.0587	-0.0001	-0.99	-0.99	0.0000
2024-02-13T15:02:57	1	0	101	100	1	1.0541	1.0541	0.0000	-0.9206	-0.9206	0.0000
2024-02-13T15:05:26	2	0	3	3	0	0.9954	0.9956	0.0002	0.9854	0.9855	-0.0001
2024-02-13T15:06:05	2	0	48	48	0	1.0550	1.0550	0.0000	-0.9996	-0.9996	0.0000
2024-02-13T15:07:21	2	0	11	10	1	0.9443	0.9429	-0.0014	0.9957	0.9957	0.0000
2024-02-13T15:07:32	1	0	320	319	1	1.0619	1.0618	0.0000	0.9987	0.9987	0.0000
2024-02-13T15:10:10	1	0	34	34	0	1.0526	1.0526	0.0000	0.9872	0.987	0.0002
2024-02-13T15:12:50	1	0	17	13	4	1.0537	1.0517	-0.0020	-0.9861	-0.9895	0.0034
2024-02-13T15:13:01	3	0	4	4	0	1.0451	1.0448	-0.0003	-1	-1	0.0000
2024-02-13T15:13:18	1	0	7	7	0	1.0411	1.0411	0.0000	0.9953	0.9953	0.0000
2024-02-13T15:13:38	1	0	3	3	0	1.0295	1.0293	-0.0002	0.9841	0.9839	0.0002
2024-02-13T15:14:13	1	0	128	125	3	1.0597	1.0593	-0.0004	0.995	0.9946	0.0004
2024-02-13T15:14:58	1	0	7	7	0	1.0502	1.0500	-0.0002	-0.9814	-0.9819	0.0005
2024-02-13T15:17:49	5	0	191	184	7	1.0585	1.0584	-0.0001	-0.9834	-0.9833	-0.0001
2024-02-13T15:19:37	1	0	9	9	0	1.0470	1.0469	-0.0002	0.9977	0.9976	0.0001
2024-02-13T15:23:41	2	0	103	98	5	1.0584	1.0581	-0.0003	0.9936	0.9932	0.0004
2024-02-13T15:24:38	3	0	1	1	0	1.0454	1.0450	-0.0004	0.9999	0.9999	0.0000
2024-02-13T15:29:36	3	0	6	6	0	1.0109	1.0105	-0.0004	0.9737	0.9733	0.0004
2024-02-13T15:31:51	1	0	11	11	0	0.9610	0.9615	0.0005	0.9749	0.9749	0.0000
2024-02-13T15:32:09	1	0	1	0	1	1.0341	null	null	0.9867	0.9866	0.0001
2024-02-13T15:34:41	1	0	24	24	0	1.0510	1.0510	0.0000	0.9946	0.9946	0.0000
2024-02-13T15:37:22	1	0	9	8	1	1.0486	1.0472	-0.0014	-0.9847	-0.9852	0.0005
2024-02-13T15:37:31	2	0	77	77	0	1.0644	1.0642	-0.0003	0.9885	0.9884	0.0001
2024-02-13T15:38:43	1	0	90	86	4	1.0579	1.0579	0.0000	0.9949	0.9949	0.0000
2024-02-13T15:39:38	3	0	1	0	1	1.0452	null	null	0.9999	0.9998	0.0001
2024-02-13T15:40:44	1	0	18	18	0	0.9544	0.9544	0.0000	0.9764	0.9763	0.0001
2024-02-13T15:42:05	3	0	11	10	1	1.0342	1.0345	0.0003	0.9981	0.9981	0.0000
2024-02-13T15:48:26	1	0	2	2	0	1.0556	1.0554	-0.0002	0.9987	0.9987	0.0000
2024-02-13T15:49:38	2	0	4	4	0	1.0264	1.0263	-0.0001	0.9536	0.9545	-0.0009
2024-02-13T15:49:42	1	0	26	24	2	1.0523	1.0520	-0.0004	0.9916	0.9914	0.0002
2024-02-13T15:52:23	1	0	4	3	1	1.0481	1.0480	0.0000	-0.9852	-0.9856	0.0004
2024-02-13T16:01:31	1	0	21	21	0	1.0466	1.0466	0.0000	1	1	0.0000
2024-02-13T16:05:44	1	0	1	1	0	1.0391	1.0390	-0.0001	0.9994	0.9994	0.0000
2024-02-13T16:07:13	1	0	1	0	1	0.9446	null	null	0.9986	0.9986	0.0000
2024-02-13T16:07:24	1	0	2	2	0	1.0476	1.0467	-0.0009	-0.984	-0.9844	0.0004
2024-02-13T16:09:19	2	0	36	36	0	1.0562	1.0562	0.0000	-0.9979	-0.9979	0.0000
2024-02-13T16:19:46	1	0	16	15	1	1.0522	1.0520	-0.0003	-0.967	-0.967	0.0000
2024-02-13T16:21:50	1	0	13	12	1	1.0473	1.0475	0.0002	0.9373	0.9371	0.0002
2024-02-13T16:37:15	1	0	6	6	0	0.9388	0.9389	0.0001	0.9986	0.9987	-0.0001
2024-02-13T16:50:36	1	0	118	117	1	0.9388	0.9388	0.0000	0.9805	0.9805	0.0000
2024-02-13T16:52:27	1	0	2	2	0	1.0465	1.0461	-0.0004	-0.9885	-0.9884	-0.0001
2024-02-13T17:07:28	1	0	2	2	0	1.0463	1.0460	-0.0003	-0.9915	-0.989	-0.0025
2024-02-13T17:20:38	1	0	120	119	1	0.9413	0.9414	0.0000	0.9858	0.9858	0.0000
2024-02-13T17:22:18	1	0	31	18	13	0.9492	0.9497	0.0004	0.9968	0.9969	-0.0001
2024-02-13T17:50:40	1	0	163	163	0	0.9385	0.9385	0.0000	0.9854	0.9854	0.0000
2024-02-13T18:12:38	1	0	64	64	0	0.9328	0.9329	0.0000	0.9819	0.9819	0.0000
2024-02-13T18:18:48	1	0	84	84	0	0.9325	0.9325	0.0000	-0.9998	-0.9998	0.0000
2024-02-14T07:49:44	1	0	146	146	0	0.9249	0.9250	0.0001	-0.9843	-0.9842	-0.0001
2024-02-14T07:50:02	2	0	25	24	1	0.9421	0.9422	0.0000	-0.9596	-0.9583	-0.0013
2024-02-14T07:51:36	1	0	102	102	0	0.9094	0.9094	0.0001	0.985	0.9849	0.0001

2024-02-14T07:52:22	2	0	158	158	0	0.9352	0.9353	0.0000	0.9859	0.9858	0.0001
2024-02-14T07:59:52	1	0	75	75	0	1.0498	1.0498	0.0000	0.9995	0.9995	0.0000
2024-02-14T08:04:45	1	0	114	112	2	0.9297	0.9297	0.0000	-0.9838	-0.9837	-0.0001
2024-02-14T08:05:26	4	0	88	81	7	1.0553	1.0552	-0.0001	0.9962	0.9961	0.0001
2024-02-14T08:07:23	1	0	61	59	2	1.0235	1.0235	-0.0001	0.9878	0.9878	0.0000
2024-02-14T08:09:27	1	0	169	169	0	1.0638	1.0637	0.0000	0.9834	0.9834	0.0000
2024-02-14T08:10:27	2	0	284	284	0	1.0599	1.0599	0.0000	-0.9884	-0.9884	0.0000
2024-02-14T08:12:10	5	0	263	258	5	0.9374	0.9373	-0.0001	-0.9997	-0.9997	0.0000
2024-02-14T08:19:44	2	0	445	444	1	0.9136	0.9139	0.0003	0.9661	0.9661	0.0000
2024-02-14T08:28:25	1	0	2	2	0	1.0316	1.0311	-0.0006	0.9998	0.9998	0.0000
2024-02-14T08:35:09	2	0	48	48	0	1.0566	1.0566	0.0000	-0.9999	-0.9999	0.0000
2024-02-14T08:48:02	1	0	5	6	-1	0.9641	0.9610	-0.0031	0.9966	0.9966	0.0000
2024-02-14T08:51:11	1	0	8	8	0	0.9883	0.9884	0.0001	0.9992	0.9992	0.0000
2024-02-14T08:55:04	1	0	239	239	0	0.9122	0.9122	0.0000	0.9628	0.9622	0.0006
2024-02-14T08:55:30	1	0	215	214	1	1.0593	1.0593	0.0000	-0.9817	-0.9817	0.0000
2024-02-14T08:58:27	1	0	2	2	0	1.0236	1.0236	0.0000	0.9999	0.9999	0.0000
2024-02-14T09:03:25	1	0	4	4	0	1.0175	1.0175	0.0000	-0.9996	-0.9996	0.0000
2024-02-14T09:05:07	2	0	87	82	5	0.9418	0.9418	0.0000	0.9971	0.9972	-0.0001
2024-02-14T09:05:11	3	0	2	2	0	1.0194	1.0194	0.0000	0.9926	0.9924	0.0002
2024-02-14T09:05:11	6	0	138	124	14	1.0609	1.0605	-0.0004	-0.9997	-0.9997	0.0000
2024-02-14T09:06:12	1	0	6	6	0	0.9603	0.9603	0.0001	0.997	0.997	0.0000
2024-02-14T09:06:41	1	0	94	93	1	0.9288	0.9291	0.0004	0.987	0.9867	0.0003
2024-02-14T09:07:27	1	0	108	108	0	1.0620	1.0616	-0.0004	0.9891	0.9891	0.0000
2024-02-14T09:10:09	3	0	279	278	1	0.8770	0.8776	0.0007	0.9628	0.9631	-0.0003
2024-02-14T09:10:36	5	0	154	153	1	1.0588	1.0585	-0.0003	0.9964	0.9963	0.0001
2024-02-14T09:10:37	2	0	175	172	3	1.0579	1.0579	0.0000	-0.9856	-0.9856	0.0000
2024-02-14T09:12:14	2	0	199	197	2	0.9401	0.9402	0.0001	-0.9991	-0.9991	0.0000
2024-02-14T09:12:22	1	0	1	1	0	1.0293	1.0290	-0.0003	0.9997	0.9997	0.0000
2024-02-14T09:14:57	3	0	121	120	1	1.0537	1.0537	0.0000	0.9969	0.9969	0.0000
2024-02-14T09:16:55	1	0	118	118	0	1.0496	1.0496	0.0000	0.9972	0.9972	0.0000
2024-02-14T09:19:51	1	0	50	44	6	0.9414	0.9417	0.0003	-0.9762	-0.976	-0.0002
2024-02-14T09:20:05	1	0	14	14	0	1.0387	1.0385	-0.0001	0.9503	0.9501	0.0002
2024-02-14T09:23:06	2	0	1	0	1	0.9735	null	null	0.9882	0.988	0.0002
2024-02-14T09:24:07	2	0	74	73	1	1.0596	1.0595	-0.0002	0.9897	0.9892	0.0005
2024-02-14T09:24:31	2	0	3	2	1	1.0455	1.0468	0.0013	0.9987	0.9987	0.0000
2024-02-14T09:25:38	2	0	341	337	4	1.0608	1.0608	0.0000	-0.9844	-0.9844	0.0000
2024-02-14T09:27:15	3	0	252	245	7	0.9407	0.9407	0.0000	-0.9994	-0.9994	0.0000
2024-02-14T09:30:35	1	0	84	82	2	1.0559	1.0556	-0.0003	0.9923	0.9923	0.0000
2024-02-14T09:30:51	2	0	6	6	0	1.0157	1.0156	-0.0001	0.9852	0.9851	0.0001
2024-02-14T09:33:27	2	0	5	5	0	1.0230	1.0226	-0.0004	-0.9985	-0.9985	0.0000
2024-02-14T09:33:46	1	0	7	7	0	1.0448	1.0446	-0.0002	0.998	0.9979	0.0001
2024-02-14T09:34:30	5	0	13	13	0	1.0518	1.0515	-0.0002	0.9989	0.9989	0.0000
2024-02-14T09:35:13	1	0	3	3	0	1.0318	1.0317	-0.0001	0.9859	0.9859	0.0000
2024-02-14T09:37:15	4	0	5	5	0	0.9995	0.9991	-0.0005	0.9933	0.994	-0.0007
2024-02-14T09:37:29	1	0	111	110	1	1.0693	1.0691	-0.0002	0.9893	0.9893	0.0000
2024-02-14T09:40:15	1	0	231	231	0	0.9054	0.9055	0.0001	0.9547	0.9538	0.0009
2024-02-14T09:43:07	1	0	6	6	0	1.0100	1.0099	-0.0001	-0.992	-0.992	0.0000
2024-02-14T09:45:45	1	0	29	30	-1	1.0536	1.0536	0.0000	0.9673	0.967	0.0003
2024-02-14T09:45:52	1	0	6	6	0	1.0167	1.0167	-0.0001	0.9857	0.9857	0.0000
2024-02-14T09:46:52	2	0	7	7	0	1.0333	1.0332	-0.0002	0.9928	0.9927	0.0001
2024-02-14T09:48:06	1	0	2	3	-1	0.9944	0.9781	-0.0163	0.9965	0.9966	-0.0001
2024-02-14T09:48:28	1	0	8	8	0	1.0339	1.0339	0.0000	-0.9987	-0.9986	-0.0001
2024-02-14T09:48:47	1	0	3	3	0	1.0454	1.0452	-0.0002	0.9939	0.9939	0.0000
2024-02-14T09:50:07	1	0	21	21	0	1.0446	1.0445	-0.0001	0.9533	0.953	0.0003
2024-02-14T09:51:20	1	0	13	13	0	1.0486	1.0486	-0.0001	0.9198	0.9169	0.0029
2024-02-14T09:57:07	1	0	13	10	3	0.9480	0.9493	0.0013	0.9763	0.9764	-0.0001
2024-02-14T09:58:49	1	0	2	2	0	1.0495	1.0493	-0.0002	-0.9986	-0.9986	0.0000
2024-02-14T09:59:36	1	0	2	2	0	1.0164	1.0161	-0.0002	0.9921	0.992	0.0001
2024-02-14T10:00:53	3	0	10	10	0	1.0173	1.0172	0.0000	0.9847	0.9845	0.0002
2024-02-14T10:01:52	2	0	2	1	1	1.0490	1.0380	-0.0110	0.9925	0.9925	0.0000
2024-02-14T10:02:11	6	0	80	79	1	1.0539	1.0539	-0.0001	0.9783	0.9782	0.0001
2024-02-14T10:02:39	1	0	3	3	0	0.9950	0.9950	0.0001	0.9945	0.9945	0.0000
2024-02-14T10:02:39	2	0	138	135	3	0.9421	0.9425	0.0003	0.9311	0.9311	0.0000
2024-02-14T10:04:54	2	0	10	9	1	0.9448	0.9452	0.0004	-0.9708	-0.9704	-0.0004
2024-02-14T10:05:15	7	0	40	38	2	1.0534	1.0532	-0.0001	0.9995	0.9994	0.0001
2024-02-14T10:05:15	1	0	1	1	0	1.0380	1.0377	-0.0003	0.9853	0.9853	0.0000
2024-02-14T10:05:56	1	0	42	41	1	1.0485	1.0483	-0.0002	0.9883	0.9883	0.0000
2024-02-14T10:07:38	1	0	82	79	3	0.9698	0.9665	-0.0033	-0.998	-0.998	0.0000
2024-02-14T10:08:14	1	0	3	3	0	0.9400	0.9403	0.0003	0.9932	0.9932	0.0000
2024-02-14T10:09:30	2	0	10	10	0	0.9642	0.9645	0.0003	0.9268	0.9269	-0.0001
2024-02-14T10:09:56	2	0	2	1	1	1.0559	1.0559	0.0000	0.9969	0.9968	0.0001
2024-02-14T10:10:48	1	0	1	1	0	1.0297	1.0294	-0.0003	0.9857	0.9856	0.0001
2024-02-14T10:13:30	1	0	55	53	2	0.9474	0.9476	0.0002	0.9922	0.9921	0.0001
2024-02-14T10:13:44	1	0	10	10	0	0.9400	0.9406	0.0006	0.9949	0.9949	0.0000
2024-02-14T10:16:10	1	0	1	1	0	1.0285	1.0281	-0.0004	-0.9754	-0.9755	0.0001
2024-02-14T10:16:59	3	0	60	59	1	1.0486	1.0485	-0.0001	0.9966	0.9966	0.0000
2024-02-14T10:18:50	2	0	5	5	0	1.0446	1.0441	-0.0004	0.994	0.994	0.0000
2024-02-14T10:27:27	1	0	1	1	0	1.0309	1.0309	0.0000	1	1	0.0000
2024-02-14T10:32:00	2	0	111	110	1	1.0499	1.0503	0.0003	0.9958	0.9958	0.0000
2024-02-14T10:33:09	1	0	4	4	0	1.0471	1.0471	0.0000	0.9965	0.9965	0.0000
2024-02-14T10:34:48	1	0	1	1	0	1.0352	1.0347	-0.0005	0.9741	0.9718	0.0023
2024-02-14T10:35:10	2	0	25	23	2	1.0473	1.0464	-0.0008	0.9565	0.9563	0.0002
2024-02-14T10:36:48	2	0	24	24	0	0.9413	0.9413	0.0000	0.9878	0.9876	0.0002
2024-02-14T10:40:28	2	0	1	1	0	1.0039	1.0023	-0.0016	1	0.9999	0.0001
2024-02-14T10:40:32	1	0	1	1	0	1.0162	1.0156	-0.0006	-0.988	-0.9978	0.0098

2024-02-14T10:40:36	2	0	15	14	1	1.0504	1.0497	-0.0006	-0.9998	-0.9998	0.0000
2024-02-14T10:41:31	1	0	1	1	0	1.0575	1.0566	-0.0009	1	1	0.0000
2024-02-14T10:47:05	1	0	103	101	2	1.0563	1.0562	-0.0001	0.9849	0.9848	0.0001
2024-02-14T10:47:14	2	0	48	47	1	1.0528	1.0527	-0.0001	0.9796	0.9796	0.0000
2024-02-14T10:49:40	1	0	1	1	0	1.0563	1.0558	-0.0005	0.9453	0.9447	0.0006
2024-02-14T10:49:49	1	0	2	2	0	0.9900	0.9902	0.0002	0.9635	0.9636	-0.0001
2024-02-14T10:49:52	1	0	3	3	0	1.0484	1.0483	-0.0001	0.998	0.9979	0.0001
2024-02-14T10:49:54	2	0	1	1	0	0.9417	0.9425	0.0008	0.9337	0.9335	0.0002
2024-02-14T10:50:14	3	0	25	25	0	1.0435	1.0429	-0.0006	0.9523	0.9515	0.0008
2024-02-14T10:50:19	2	0	43	42	1	1.0473	1.0472	-0.0001	-0.999	-0.9991	0.0001
2024-02-14T10:50:59	1	0	12	12	0	1.0467	1.0466	-0.0001	0.9862	0.9861	0.0001
2024-02-14T10:52:20	1	0	3	3	0	0.9942	0.9940	-0.0002	0.9919	0.9918	0.0001
2024-02-14T10:52:34	1	0	15	15	0	1.0498	1.0496	-0.0001	0.9908	0.9906	0.0002
2024-02-14T10:54:18	1	0	68	68	0	1.0572	1.0572	0.0000	0.9689	0.9689	0.0000
2024-02-14T10:54:42	1	0	2	2	0	1.0315	1.0314	-0.0002	0.9951	0.9952	-0.0001
2024-02-14T10:55:53	2	0	287	278	9	0.9110	0.9112	0.0002	0.944	0.9442	-0.0002
2024-02-14T11:00:36	3	0	5	5	0	1.0184	1.0181	-0.0003	0.956	0.9323	0.0237
2024-02-14T11:01:15	1	0	2	2	0	1.0072	1.0071	-0.0002	0.9723	0.9717	0.0006
2024-02-14T11:02:12	2	0	103	103	0	1.0573	1.0571	-0.0002	0.9849	0.9848	0.0001
2024-02-14T11:02:17	1	0	1	1	0	1.0561	1.0550	-0.0011	0.9715	0.9713	0.0002
2024-02-14T11:03:33	2	0	7	7	0	1.0328	1.0325	-0.0003	-0.9972	-0.9974	0.0002
2024-02-14T11:03:52	1	0	2	2	0	1.0310	1.0308	-0.0001	-0.9893	-0.9893	0.0000
2024-02-14T11:03:58	1	0	13	11	2	1.0437	1.0444	0.0006	0.9942	0.9941	0.0001
2024-02-14T11:07:21	1	0	4	4	0	1.0619	1.0617	-0.0002	0.9997	0.9997	0.0000
2024-02-14T11:07:36	1	0	2	2	0	1.0502	1.0500	-0.0003	0.9999	0.9999	0.0000
2024-02-14T11:08:32	1	0	164	18	146	0.8788	1.0523	0.1735	-0.9945	-0.9894	-0.0051
2024-02-14T11:10:34	1	0	6	6	0	1.0317	1.0314	-0.0003	-0.9956	-0.9961	0.0005
2024-02-14T11:11:00	2	0	246	12	234	0.8572	1.0160	0.1587	0.9337	0.9485	-0.0148
2024-02-14T11:11:56	1	0	11	10	1	0.9612	0.9548	-0.0064	0.9566	0.9456	0.0110
2024-02-14T11:13:54	1	0	4	4	0	1.0507	1.0506	-0.0002	-0.9977	-0.9978	0.0001
2024-02-14T11:18:34	1	0	12	12	0	1.0558	1.0558	0.0000	0.9989	0.9989	0.0000
2024-02-14T11:19:42	1	0	10	10	0	1.0505	1.0502	-0.0003	0.9424	0.9406	0.0018
2024-02-14T11:19:56	1	0	1	1	0	1.0579	1.0575	-0.0004	0.936	0.9358	0.0002
2024-02-14T11:20:21	2	0	51	51	0	1.0492	1.0492	0.0000	-0.9989	-0.9989	0.0000
2024-02-14T11:20:23	1	0	11	11	0	1.0365	1.0361	-0.0004	0.8613	0.861	0.0003
2024-02-14T11:20:32	1	0	2	2	0	1.0457	1.0454	-0.0003	-0.9848	-0.9856	0.0008
2024-02-14T11:20:43	1	0	8	8	0	1.0530	1.0529	-0.0001	-0.18	-0.1801	0.0001
2024-02-14T11:24:20	1	0	76	76	0	1.0579	1.0580	0.0000	0.9683	0.9684	-0.0001
2024-02-14T11:25:06	1	0	2	2	0	1.0584	1.0578	-0.0006	0.998	0.9979	0.0001
2024-02-14T11:25:56	1	0	14	13	1	1.0501	1.0494	-0.0007	-0.9993	-0.9993	0.0000
2024-02-14T11:26:08	5	0	181	177	4	1.0581	1.0581	0.0000	-0.982	-0.982	0.0000
2024-02-14T11:26:12	1	0	161	160	1	0.9318	0.9365	0.0048	0.9461	0.9466	-0.0005
2024-02-14T11:27:25	1	0	187	187	0	0.9400	0.9400	0.0000	-0.9991	-0.9991	0.0000
2024-02-14T11:28:24	1	0	17	17	0	1.0481	1.0480	-0.0001	0.9992	0.9992	0.0000
2024-02-14T11:28:38	2	0	11	11	0	1.0457	1.0457	-0.0001	0.993	0.9929	0.0001
2024-02-14T11:30:40	1	0	4	4	0	1.0299	1.0290	-0.0009	0.9055	0.9047	0.0008
2024-02-14T11:31:17	1	0	1	1	0	1.0262	1.0260	-0.0002	0.9706	0.9701	0.0005
2024-02-14T11:32:21	3	0	94	89	5	1.0547	1.0546	-0.0001	0.9788	0.9787	0.0001
2024-02-14T11:33:13	1	0	9	9	0	0.9998	1.0000	0.0002	0.9973	0.9974	-0.0001
2024-02-14T11:33:47	1	0	2	2	0	1.0339	1.0338	-0.0001	-0.9983	-0.9984	0.0001
2024-02-14T11:34:05	1	0	6	7	-1	1.0436	1.0454	0.0017	0.9945	0.9945	0.0000
2024-02-14T11:34:45	2	0	10	10	0	1.0499	1.0498	-0.0001	0.9384	0.9376	0.0008
2024-02-14T11:34:55	1	0	7	7	0	1.0455	1.0454	-0.0002	0.9977	0.9977	0.0000
2024-02-14T11:34:57	3	0	6	6	0	0.9711	0.9714	0.0003	0.9306	0.9311	-0.0005
2024-02-14T11:35:21	2	0	22	22	0	1.0554	1.0554	0.0000	0.9995	0.9995	0.0000
2024-02-14T11:35:24	2	0	5	6	-1	1.0179	1.0226	0.0046	0.8601	0.8603	-0.0002
2024-02-14T11:35:32	1	0	2	1	1	0.9722	1.0151	0.0429	0.986	0.986	0.0000
2024-02-14T11:35:36	1	0	2	2	0	0.9793	0.9791	-0.0002	-0.9999	-0.9999	0.0000
2024-02-14T11:35:47	3	0	8	8	0	1.0529	1.0525	-0.0005	-0.1703	-0.1722	0.0019
2024-02-14T11:36:27	1	0	13	13	0	1.0485	1.0485	0.0000	0.9248	0.924	0.0008
2024-02-14T11:39:16	1	0	193	192	1	1.0650	1.0645	-0.0005	0.9972	0.9971	0.0001
2024-02-14T11:39:21	2	0	78	78	0	1.0558	1.0558	0.0000	0.9675	0.9675	0.0000
2024-02-14T11:41:04	2	0	17	16	1	1.0519	1.0514	-0.0004	-0.9992	-0.9992	0.0000
2024-02-14T11:41:09	6	0	221	216	5	1.0591	1.0591	0.0000	-0.9797	-0.9797	0.0000
2024-02-14T11:41:18	2	0	167	166	1	0.9312	0.9314	0.0002	0.9464	0.946	0.0004
2024-02-14T11:42:14	1	0	1	1	0	0.9992	0.9992	0.0000	0.9753	0.9753	0.0000
2024-02-14T11:42:38	2	0	12	12	0	1.0438	1.0437	-0.0001	-1	-1	0.0000
2024-02-14T11:44:11	2	0	14	13	1	1.0468	1.0468	0.0001	-0.9998	-0.9998	0.0000
2024-02-14T11:46:07	2	0	12	11	1	1.0460	1.0451	-0.0009	-0.9994	-0.9994	0.0000
2024-02-14T11:48:14	1	0	5	6	-1	1.0471	1.0301	-0.0170	0.9973	0.9973	0.0000
2024-02-14T11:48:29	2	0	2	1	1	1.0463	1.0452	-0.0011	-0.9919	-0.9922	0.0003
2024-02-14T11:48:42	2	0	10	10	0	1.0503	1.0501	-0.0002	-0.997	-0.997	0.0000
2024-02-14T11:48:43	1	0	33	32	1	1.0568	1.0563	-0.0005	0.9986	0.9986	0.0000
2024-02-14T11:49:39	3	0	2	2	0	1.0457	1.0457	0.0000	0.9844	0.9846	-0.0002
2024-02-14T11:49:48	1	0	11	11	0	1.0501	1.0501	-0.0001	0.9624	0.9619	0.0005
2024-02-14T11:50:01	2	0	4	4	0	0.9440	0.9443	0.0003	-0.9697	-0.9695	-0.0002
2024-02-14T11:50:11	1	0	3	3	0	0.9699	0.9697	-0.0002	0.998	0.998	0.0000
2024-02-14T11:50:37	1	0	2	3	-1	0.9821	0.9988	0.0167	-0.9999	-0.9999	0.0000
2024-02-14T11:51:52	1	0	107	105	2	0.9302	0.9305	0.0003	0.9832	0.9794	0.0038
2024-02-14T11:52:28	2	0	3	3	0	0.9385	0.9385	0.0000	0.9899	0.99	-0.0001
2024-02-14T11:54:22	2	0	82	81	1	1.0593	1.0593	0.0000	0.9694	0.9694	0.0000
2024-02-14T11:56:12	3	0	16	16	0	1.0523	1.0520	-0.0003	0.9948	0.9948	0.0000
2024-02-14T11:56:42	2	0	44	44	0	1.0555	1.0554	-0.0001	-0.9999	-0.9999	0.0000
2024-02-14T11:57:15	1	0	2	2	0	1.0074	1.0074	0.0000	0.9756	0.9755	0.0001
2024-02-14T12:01:49	1	0	1	1	0	1.0411	1.0408	-0.0003	0.9993	0.9993	0.0000

2024-02-14T12:03:30	2	0	4	4	0	1.0510	1.0507	-0.0003	-0.992	-0.9921	0.0001
2024-02-14T12:03:42	1	0	1	1	0	0.9440	0.9440	0.0000	0.9893	0.9893	0.0000
2024-02-14T12:03:43	7	0	5	6	-1	1.0473	1.0475	0.0001	-0.9988	-0.9988	0.0000
2024-02-14T12:04:40	4	0	2	2	0	1.0462	1.0462	0.0000	0.9843	0.9845	-0.0002
2024-02-14T12:05:12	3	0	3	3	0	1.0290	1.0289	-0.0001	0.9999	0.9999	0.0000
2024-02-14T12:05:24	2	0	3	2	1	1.0520	1.0501	-0.0019	0.9886	0.9886	0.0000
2024-02-14T12:06:24	1	0	6	6	0	0.9727	0.9726	-0.0001	0.9981	0.998	0.0001
2024-02-14T12:08:30	1	0	17	15	2	1.0484	1.0479	-0.0005	0.9989	0.9989	0.0000
2024-02-14T12:09:23	2	0	99	99	0	1.0587	1.0587	0.0000	0.9712	0.9712	0.0000
2024-02-14T12:11:17	3	0	17	17	0	1.0533	1.0531	-0.0002	0.9977	0.9977	0.0000
2024-02-14T12:11:24	2	0	129	128	1	0.9352	0.9353	0.0001	0.9525	0.9522	0.0003
2024-02-14T12:12:16	1	0	2	2	0	1.0042	1.0042	0.0000	0.9749	0.9749	0.0000
2024-02-14T12:19:51	1	0	16	15	1	1.0534	1.0532	-0.0002	0.9707	0.9708	-0.0001
2024-02-14T12:20:35	3	0	2	2	0	0.9815	1.0333	0.0518	0.9904	0.9905	-0.0001
2024-02-14T12:25:10	2	0	3	4	-1	1.0613	1.0601	-0.0012	0.9984	0.9984	0.0000
2024-02-14T12:27:36	1	0	3	2	1	1.0504	1.0475	-0.0029	-0.9949	-0.9949	0.0000
2024-02-14T12:28:41	1	0	1	0	1	1.0554	null	null	0.9973	0.9973	0.0000
2024-02-14T12:29:43	1	0	3	2	1	1.0493	1.0455	-0.0038	0.9875	0.9875	0.0000
2024-02-14T12:29:53	1	0	108	108	0	1.0607	1.0607	0.0000	0.997	0.997	0.0000
2024-02-14T12:31:38	1	0	117	117	0	0.9368	0.9369	0.0000	0.9786	0.9786	0.0000
2024-02-14T12:35:01	5	0	2	4	-2	1.0579	1.0061	-0.0518	0.9482	0.9482	0.0000
2024-02-14T12:37:31	3	0	3	3	0	0.9350	0.9351	0.0000	0.9747	0.9748	-0.0001
2024-02-14T12:39:52	2	0	15	14	1	1.0465	1.0459	-0.0006	0.9929	0.9928	0.0001
2024-02-14T12:51:32	2	0	13	13	0	1.0503	1.0503	0.0000	0.9221	0.9214	0.0007
2024-02-14T12:54:26	1	0	80	79	1	1.0617	1.0617	0.0000	0.9642	0.9642	0.0000
2024-02-14T12:56:27	1	0	72	67	5	0.9471	0.9473	0.0002	0.949	0.9486	0.0004
2024-02-14T12:58:44	2	0	9	10	-1	1.0454	1.0456	0.0002	0.9933	0.9935	-0.0002
2024-02-14T12:59:16	1	0	11	11	0	1.0476	1.0476	0.0000	-0.9986	-0.9986	0.0000
2024-02-14T13:00:24	2	0	2	2	0	1.0372	1.0367	-0.0005	0.9781	0.978	0.0001
2024-02-14T13:03:19	1	0	6	6	0	1.0417	1.0417	0.0000	0.9977	0.9977	0.0000
2024-02-14T13:05:16	1	0	15	15	0	0.9387	0.9387	0.0000	0.9971	0.9971	0.0000
2024-02-14T13:05:39	3	0	7	7	0	1.0543	1.0538	-0.0005	-0.9848	-0.9853	0.0005
2024-02-14T13:10:42	1	0	4	4	0	1.0165	1.0163	-0.0002	-1	1	0.0000
2024-02-14T13:41:26	1	0	2	2	0	1.0475	1.0473	-0.0001	0.9901	0.9901	0.0000
2024-02-14T13:43:46	2	0	2	2	0	1.0302	1.0296	-0.0006	0.9978	0.9977	0.0001
2024-02-14T13:50:19	1	0	4	4	0	0.9853	0.9852	-0.0001	0.9977	0.9977	0.0000
2024-02-14T13:56:23	6	0	178	174	4	1.0584	1.0584	0.0000	-0.9864	-0.9864	0.0000
2024-02-14T13:58:48	1	0	21	20	1	1.0518	1.0518	0.0000	0.9963	0.9963	0.0000
2024-02-14T14:01:09	1	0	6	6	0	1.0132	1.0132	-0.0001	0.9836	0.9836	0.0000
2024-02-14T14:02:31	10	0	235	237	-2	1.0566	1.0565	-0.0001	0.9781	0.978	0.0001
2024-02-14T14:03:52	3	0	12	12	0	1.0505	1.0503	-0.0002	-0.996	-0.996	0.0000
2024-02-14T14:04:15	4	0	5	6	-1	1.0502	1.0512	0.0010	0.9958	0.9959	-0.0001
2024-02-14T14:04:59	2	0	15	13	2	1.0523	1.0516	-0.0006	0.9636	0.9626	0.0010
2024-02-14T14:05:07	1	0	2	2	0	1.0021	1.0021	-0.0001	0.9318	0.9318	0.0000
2024-02-14T14:05:09	1	0	1	1	0	1.0341	1.0340	-0.0001	0.9665	0.9664	0.0001
2024-02-14T14:05:20	3	0	2	2	0	1.0308	1.0307	-0.0001	0.999	0.999	0.0000
2024-02-14T14:06:01	1	0	2	2	0	1.0669	1.0669	0.0000	-0.9622	-0.9699	0.0077
2024-02-14T14:06:32	1	0	6	6	0	0.9890	0.9890	0.0000	0.9999	0.9999	0.0000
2024-02-14T14:11:35	3	0	208	199	9	1.0595	1.0595	0.0000	-0.9838	-0.9838	0.0000
2024-02-14T14:11:51	1	0	58	58	0	1.0573	1.0573	-0.0001	-1	-1	0.0000
2024-02-14T14:12:36	9	0	23	21	2	0.9597	0.9616	0.0019	-0.9965	-0.9965	0.0000
2024-02-14T14:13:25	1	0	4	4	0	1.0153	1.0153	0.0000	-0.9993	-0.9993	0.0000
2024-02-14T14:13:48	1	0	1	1	0	1.0345	1.0340	-0.0005	0.9979	0.9979	0.0000
2024-02-14T14:13:49	1	0	17	17	0	1.0511	1.0510	0.0000	0.9968	0.9968	0.0000
2024-02-14T14:14:08	3	0	6	6	0	1.0519	1.0519	-0.0001	-0.995	-0.9951	0.0001
2024-02-14T14:14:44	2	0	11	11	0	0.9854	0.9854	0.0000	0.7234	0.7236	-0.0002
2024-02-14T14:15:20	3	0	151	148	3	1.0539	1.0538	-0.0001	0.9981	0.9981	0.0000
2024-02-14T14:16:10	3	0	7	7	0	1.0157	1.0155	-0.0002	0.9846	0.9844	0.0002
2024-02-14T14:16:38	1	0	4	4	0	0.9790	0.9788	-0.0002	0.9903	0.9902	0.0001
2024-02-14T14:17:32	5	0	175	171	4	1.0559	1.0559	0.0000	0.9816	0.9816	0.0000
2024-02-14T14:18:24	2	0	9	9	0	1.0348	1.0347	-0.0001	0.9985	0.9985	0.0000
2024-02-14T14:18:53	6	0	20	20	0	1.0507	1.0510	0.0003	-0.992	-0.9923	0.0003
2024-02-14T14:18:58	1	0	37	36	1	1.0561	1.0568	0.0006	0.9985	0.9984	0.0001
2024-02-14T14:19:28	5	0	103	99	4	0.9370	0.9376	0.0006	-0.9634	-0.963	-0.0004
2024-02-14T14:20:01	2	0	18	17	1	1.0531	1.0527	-0.0004	0.9893	0.9881	0.0012
2024-02-14T14:20:08	5	0	3	3	0	0.9912	0.9913	0.0001	0.9281	0.9282	-0.0001
2024-02-14T14:20:10	2	0	1	1	0	1.0348	1.0346	-0.0002	0.9666	0.9665	0.0001
2024-02-14T14:20:21	1	0	7	7	0	1.0366	1.0366	0.0000	-0.9981	-0.9981	0.0000
2024-02-14T14:20:33	4	0	26	26	0	1.0456	1.0456	0.0000	-0.9999	-0.9999	0.0000
2024-02-14T14:20:47	1	0	2	2	0	0.9868	0.9867	-0.0002	-0.9998	-0.9998	0.0000
2024-02-14T14:20:51	1	0	8	8	0	1.0332	1.0332	-0.0001	0.9981	0.9981	0.0000
2024-02-14T14:21:33	3	0	7	7	0	0.9786	0.9785	-0.0001	0.9983	0.9982	0.0001
2024-02-14T14:22:02	3	0	76	76	0	0.9326	0.9327	0.0001	0.9839	0.9835	0.0004
2024-02-14T14:23:31	3	0	3	3	0	0.9415	0.9423	0.0008	0.9962	0.9963	-0.0001
2024-02-14T14:24:27	2	0	160	158	2	1.0600	1.0598	-0.0002	0.9692	0.969	0.0002
2024-02-14T14:24:56	1	0	9	9	0	1.0445	1.0445	0.0000	0.9974	0.9975	-0.0001
2024-02-14T14:25:18	2	0	2	2	0	1.0604	1.0603	-0.0001	0.9984	0.9973	0.0011
2024-02-14T14:25:47	3	0	1	1	0	1.0229	1.0206	-0.0023	0.9999	0.9997	0.0002
2024-02-14T14:26:11	1	0	4	4	0	1.0454	1.0452	-0.0002	0.9905	0.9905	0.0000
2024-02-14T14:26:49	2	0	210	206	4	1.0597	1.0597	0.0000	-0.9836	-0.9835	-0.0001
2024-02-14T14:26:55	1	0	50	50	0	1.0567	1.0566	0.0000	-1	-1	0.0000
2024-02-14T14:27:09	1	0	2	2	0	0.9891	0.9891	0.0000	0.9614	0.9614	0.0000
2024-02-14T14:27:11	1	0	21	19	2	1.0544	1.0539	-0.0005	0.9984	0.9983	0.0001
2024-02-14T14:27:37	13	0	23	24	-1	0.9599	0.9592	-0.0007	-0.997	-0.997	0.0000
2024-02-14T14:28:22	1	0	1	0	1	1.0283	null	null	0.9976	0.9976	0.0000

2024-02-14T14:28:26	2	0	4	4	0	1.0150	1.0149	-0.0001	-0.9993	-0.9993	0.0000
2024-02-14T14:28:49	1	0	1	1	0	1.0313	1.0310	-0.0003	0.998	0.998	0.0000
2024-02-14T14:28:50	2	0	18	18	0	1.0497	1.0497	-0.0001	0.9969	0.9969	0.0000
2024-02-14T14:29:09	4	0	6	6	0	1.0526	1.0525	-0.0001	-0.9912	-0.9913	0.0001
2024-02-14T14:30:26	2	0	157	154	3	1.0542	1.0541	0.0000	0.9986	0.9986	0.0000
2024-02-14T14:31:18	3	0	8	8	0	1.0178	1.0177	-0.0001	0.9842	0.9841	0.0001
2024-02-14T14:31:59	2	0	3	3	0	1.0406	1.0402	-0.0004	0.9978	0.9978	0.0000
2024-02-14T14:32:33	8	0	272	260	12	1.0569	1.0569	-0.0001	0.9789	0.9787	0.0002
2024-02-14T14:32:33	1	0	101	98	3	1.0567	1.0567	-0.0001	0.9863	0.9863	0.0000
2024-02-14T14:33:25	2	0	7	7	0	1.0521	1.0521	0.0000	0.9982	0.9981	0.0001
2024-02-14T14:33:40	2	0	12	9	3	1.0480	1.0460	-0.0020	-0.9814	-0.9823	0.0009
2024-02-14T14:33:59	2	0	1	1	0	1.0303	1.0302	-0.0001	-1	-1	0.0000
2024-02-14T14:34:04	8	0	26	25	1	1.0534	1.0534	0.0000	-0.9903	-0.9905	0.0002
2024-02-14T14:34:06	2	0	64	64	0	1.0577	1.0578	0.0000	0.9985	0.9985	0.0000
2024-02-14T14:34:29	5	0	110	107	3	0.9361	0.9366	0.0005	-0.9668	-0.9665	-0.0003
2024-02-14T14:35:06	1	0	16	16	0	1.0509	1.0509	0.0000	0.9702	0.969	0.0012
2024-02-14T14:35:09	2	0	1	1	0	1.0588	1.0584	-0.0004	0.939	0.9388	0.0002
2024-02-14T14:35:11	2	0	1	1	0	1.0293	1.0291	-0.0002	0.9742	0.9741	0.0001
2024-02-14T14:35:22	1	0	3	3	0	1.0420	1.0420	0.0000	0.9995	0.9995	0.0000
2024-02-14T14:35:34	1	0	25	25	0	1.0481	1.0481	0.0000	-1	-1	0.0000
2024-02-14T14:35:36	3	0	11	11	0	1.0350	1.0348	-0.0002	0.862	0.8618	0.0002
2024-02-14T14:35:48	1	0	2	2	0	0.9873	0.9871	-0.0001	-0.9996	-0.9996	0.0000
2024-02-14T14:35:54	3	0	1	1	0	1.0474	1.0463	-0.0011	0.9986	0.9983	0.0003
2024-02-14T14:36:06	2	0	2	2	0	1.0648	1.0645	-0.0003	-0.7424	-0.7625	0.0201
2024-02-14T14:36:14	1	0	32	31	1	1.0509	1.0511	0.0002	0.988	0.9878	0.0002
2024-02-14T14:36:34	3	0	7	7	0	0.9777	0.9777	0.0000	0.9985	0.9985	0.0000
2024-02-14T14:37:03	3	0	29	27	2	0.9397	0.9398	0.0001	0.986	0.9856	0.0004
2024-02-14T14:37:35	2	0	3	3	0	1.0687	1.0686	-0.0001	0.9986	0.9986	0.0000
2024-02-14T14:39:16	2	0	152	152	0	1.0536	1.0536	0.0000	0.998	0.998	0.0000
2024-02-14T14:39:28	3	0	147	140	7	1.0584	1.0581	-0.0003	0.9704	0.97	0.0004
2024-02-14T14:39:57	2	0	4	4	0	1.0412	1.0412	0.0000	0.9948	0.9949	-0.0001
2024-02-14T14:40:28	2	0	3	3	0	1.0607	1.0607	0.0000	0.9987	0.9987	0.0000
2024-02-14T14:40:51	4	0	4	4	0	1.0274	1.0273	0.0000	-0.9991	-0.9992	0.0001
2024-02-14T14:41:17	1	0	376	376	0	1.0952	1.0952	-0.0001	1	1	0.0000
2024-02-14T14:41:34	1	0	34	29	5	0.9697	0.9700	0.0003	0.9504	0.9505	-0.0001
2024-02-14T14:41:56	1	0	49	49	0	1.0554	1.0554	0.0000	0.9999	0.9999	0.0000
2024-02-14T14:42:02	8	0	227	212	15	1.0596	1.0595	-0.0001	-0.984	-0.9841	0.0001
2024-02-14T14:42:20	1	0	26	22	4	1.0542	1.0538	-0.0004	0.9983	0.9982	0.0001
2024-02-14T14:42:38	10	0	3	3	0	0.9913	0.9916	0.0003	-0.9955	-0.9954	-0.0001
2024-02-14T14:43:23	1	0	2	2	0	1.0318	1.0317	-0.0001	0.9974	0.9974	0.0000
2024-02-14T14:43:27	2	0	5	5	0	1.0121	1.0121	0.0000	-0.9988	-0.9988	0.0000
2024-02-14T14:43:37	1	0	18	18	0	1.0485	1.0485	0.0000	0.9999	0.9999	0.0000
2024-02-14T14:43:50	1	0	1	1	0	1.0360	1.0358	-0.0002	0.9983	0.9983	0.0000
2024-02-14T14:43:51	1	0	15	15	0	1.0501	1.0501	0.0000	0.9969	0.9969	0.0000
2024-02-14T14:44:10	4	0	6	6	0	1.0519	1.0519	0.0000	-0.9933	-0.9933	0.0000
2024-02-14T14:44:21	2	0	17	16	1	1.0477	1.0478	0.0001	0.9996	0.9996	0.0000
2024-02-14T14:44:23	1	0	36	36	0	1.0490	1.0490	0.0000	-0.9968	-0.9968	0.0000
2024-02-14T14:46:30	2	0	4	4	0	1.0422	1.0422	-0.0001	0.9942	0.9942	0.0000
2024-02-14T14:47:34	2	0	117	114	3	1.0586	1.0586	-0.0001	0.9876	0.9876	0.0000
2024-02-14T14:48:41	1	0	13	11	2	1.0493	1.0476	-0.0017	-0.9788	-0.9901	0.0113
2024-02-14T14:49:18	2	0	23	22	1	1.0521	1.0518	-0.0003	0.9964	0.9964	0.0000
2024-02-14T14:50:10	1	0	19	18	1	1.0530	1.0527	-0.0003	0.9886	0.9873	0.0013
2024-02-14T14:50:40	3	0	69	69	0	1.0548	1.0548	-0.0001	0.9998	0.9998	0.0000
2024-02-14T14:53:33	3	0	4	4	0	0.9588	0.9589	0.0001	0.9958	0.9959	-0.0001
2024-02-14T14:55:52	1	0	3	3	0	1.0306	1.0295	-0.0012	0.9979	0.9991	-0.0012
2024-02-14T14:56:01	2	0	2	2	0	1.0166	1.0165	-0.0001	0.9786	0.9786	0.0000
2024-02-14T14:57:11	2	0	184	180	4	0.9391	0.9372	-0.0020	0.9561	0.9562	-0.0001
2024-02-14T14:57:16	7	0	241	233	8	1.0596	1.0596	-0.0001	-0.9836	-0.9836	0.0000
2024-02-14T14:58:45	2	0	18	17	1	1.0512	1.0506	-0.0006	-0.999	-0.999	0.0000
2024-02-14T14:59:22	2	0	37	37	0	1.0494	1.0494	-0.0001	0.9998	0.9998	0.0000
2024-02-14T14:59:24	1	0	43	42	1	1.0499	1.0498	-0.0001	-0.9968	-0.9968	0.0000
2024-02-14T15:03:02	1	0	4	4	0	1.0195	1.0194	-0.0001	0.9798	0.9797	0.0001
2024-02-14T15:03:27	1	0	8	8	0	1.0444	1.0442	-0.0001	0.9983	0.9983	0.0000
2024-02-14T15:03:42	1	0	27	23	4	1.0540	1.0518	-0.0022	-0.9817	-0.9891	0.0074
2024-02-14T15:05:09	1	0	3	3	0	1.0477	1.0477	0.0000	0.9957	0.9957	0.0000
2024-02-14T15:05:13	1	0	20	19	1	1.0538	1.0535	-0.0003	0.9904	0.9894	0.0010
2024-02-14T15:05:36	1	0	29	29	0	1.0492	1.0492	0.0000	0.9992	0.9992	0.0000
2024-02-14T15:06:46	1	0	4	4	0	1.0477	1.0476	-0.0002	-0.9995	-0.9996	0.0001
2024-02-14T15:11:28	2	0	2	2	0	1.0355	1.0352	-0.0004	-0.9378	-0.9386	0.0008
2024-02-14T15:12:40	7	0	33	29	4	0.9538	0.9556	0.0017	-0.9973	-0.9973	0.0000
2024-02-14T15:12:52	2	0	29	29	0	1.0481	1.0480	0.0000	-1	-0.9999	-0.0001
2024-02-14T15:13:53	1	0	20	20	0	1.0483	1.0483	0.0000	0.9963	0.9963	0.0000
2024-02-14T15:14:48	2	0	1	1	0	1.0349	1.0347	-0.0002	0.9293	0.929	0.0003
2024-02-14T15:16:35	1	0	12	11	1	1.0495	1.0489	-0.0005	0.9977	0.9977	0.0000
2024-02-14T15:16:44	3	0	12	12	0	1.0148	1.0147	-0.0001	0.985	0.9848	0.0002
2024-02-14T15:17:58	1	0	6	6	0	1.0446	1.0444	-0.0001	0.9946	0.9946	0.0000
2024-02-14T15:18:43	1	0	18	17	1	1.0492	1.0481	-0.0010	-0.9829	-0.987	0.0041
2024-02-14T15:19:07	1	0	51	51	0	0.9353	0.9358	0.0006	-0.9994	-0.9997	0.0003
2024-02-14T15:20:14	1	0	1	1	0	1.0337	1.0335	-0.0002	0.9763	0.9741	0.0022
2024-02-14T15:20:16	1	0	23	19	4	1.0538	1.0532	-0.0006	0.9942	0.9934	0.0008
2024-02-14T15:20:37	2	0	37	37	0	1.0477	1.0476	0.0000	0.9995	0.9995	0.0000
2024-02-14T15:20:48	3	0	7	7	0	1.0499	1.0498	-0.0001	-0.9859	-0.9862	0.0003
2024-02-14T15:24:36	2	0	77	77	0	1.0523	1.0525	0.0003	0.9659	0.9659	0.0000
2024-02-14T15:25:54	1	0	4	4	0	1.0259	1.0253	-0.0006	0.9961	0.9945	0.0016
2024-02-14T15:26:59	1	0	45	45	0	1.0557	1.0557	0.0000	-1	-1	0.0000

2024-02-14T15:27:13	1	0	3	3	0	1.0168	1.0164	-0.0004	0.9705	0.9597	0.0108
2024-02-14T15:27:41	1	0	42	40	2	0.9505	0.9512	0.0008	-0.9977	-0.9977	0.0000
2024-02-14T15:29:33	1	0	46	45	1	1.0501	1.0499	-0.0001	-0.9953	-0.9953	0.0000
2024-02-14T15:30:52	2	0	1	0	1	1.0439	null	null	0.9989	0.9989	0.0000
2024-02-14T15:31:43	1	0	3	3	0	0.9671	0.9670	0.0000	0.987	0.987	0.0000
2024-02-14T15:31:45	3	0	137	134	3	0.9306	0.9308	0.0002	-0.9726	-0.973	0.0004
2024-02-14T15:33:44	1	0	16	13	3	1.0490	1.0476	-0.0014	-0.9815	-0.982	0.0005
2024-02-14T15:34:21	3	0	17	16	1	1.0482	1.0476	-0.0006	0.9968	0.9968	0.0000
2024-02-14T15:39:37	1	0	83	83	0	1.0568	1.0568	0.0000	0.968	0.9679	0.0001
2024-02-14T15:42:42	1	0	22	21	1	0.9605	0.9617	0.0011	-0.9972	-0.9972	0.0000
2024-02-14T15:48:45	1	0	15	13	2	1.0478	1.0471	-0.0007	-0.9845	-0.985	0.0005
2024-02-14T15:50:59	1	0	1	1	0	1.0478	1.0474	-0.0004	1	0.9999	0.0001
2024-02-14T15:52:44	3	0	3	3	0	1.0082	1.0075	-0.0007	0.9859	0.9856	0.0003
2024-02-14T15:54:28	1	0	1	1	0	0.9929	0.9932	0.0003	0.9824	0.9825	-0.0001
2024-02-14T15:56:53	2	0	213	210	3	0.9375	0.9380	0.0005	-0.9978	-0.9977	-0.0001
2024-02-14T15:59:26	1	0	3	3	0	1.0374	1.0373	-0.0001	0.9776	0.9776	0.0000
2024-02-14T16:02:01	1	0	8	8	0	1.0152	1.0151	-0.0001	0.985	0.985	0.0000
2024-02-14T16:03:46	1	0	18	16	2	1.0492	1.0482	-0.0010	-0.9845	-0.985	0.0005
2024-02-14T16:06:00	1	0	1	2	-1	1.0469	1.0458	-0.0011	1	0.9999	0.0001
2024-02-14T16:07:09	4	0	32	32	0	0.9525	0.9524	0.0000	0.994	0.9937	0.0003
2024-02-14T16:11:54	1	0	136	129	7	0.9425	0.9429	0.0004	-0.9984	-0.9983	-0.0001
2024-02-14T16:18:47	1	0	2	2	0	1.0477	1.0469	-0.0008	-0.9883	-0.9886	0.0003
2024-02-14T16:26:55	1	0	224	224	0	0.9333	0.9336	0.0003	-0.9988	-0.9988	0.0000
2024-02-14T16:33:48	1	0	2	2	0	1.0493	1.0487	-0.0006	-0.9903	-0.9878	-0.0025
2024-02-14T16:45:15	1	0	218	216	2	0.9294	0.9296	0.0002	0.9724	0.9743	-0.0019
2024-02-14T16:48:34	1	0	12	12	0	0.9961	0.9963	0.0002	0.998	0.9981	-0.0001
2024-02-14T16:48:50	1	0	4	4	0	1.0491	1.0487	-0.0004	-0.9927	-0.9928	0.0001
2024-02-14T16:52:58	2	0	61	60	1	1.0315	1.0369	0.0055	0.9881	0.9881	0.0000
2024-02-14T17:03:35	1	0	18	8	10	0.9867	1.0086	0.0219	0.998	0.9981	-0.0001
2024-02-14T17:11:27	1	0	52	52	0	0.9353	0.9355	0.0002	0.9971	0.9971	0.0000
2024-02-14T17:47:00	1	0	144	144	0	0.9369	0.9369	0.0000	0.9841	0.9841	0.0000
2024-02-14T18:08:03	2	0	150	148	2	1.0014	1.0015	0.0001	0.9855	0.9852	0.0003
2024-02-14T18:12:10	2	0	407	405	2	0.9155	0.9155	0.0000	0.9733	0.9731	0.0002
2024-02-15T07:49:44	4	0	463	461	2	0.9142	0.9143	0.0001	-0.9979	-0.9979	0.0000
2024-02-15T07:50:01	2	0	82	82	0	0.9400	0.9401	0.0001	-0.9644	-0.9631	-0.0013
2024-02-15T07:51:32	2	0	282	282	0	0.9585	0.9585	0.0000	0.9945	0.9944	0.0001
2024-02-15T07:56:56	1	0	250	249	1	0.9227	0.9227	0.0000	0.9837	0.9838	-0.0001
2024-02-15T08:06:33	2	0	160	160	0	0.9569	0.9570	0.0001	0.9846	0.9847	-0.0001
2024-02-15T08:06:37	1	0	107	107	0	0.9143	0.9144	0.0000	0.9774	0.9773	0.0001
2024-02-15T08:11:57	2	0	252	251	1	0.9193	0.9194	0.0001	0.9853	0.9853	0.0000
2024-02-15T08:18:02	1	0	96	96	0	0.9361	0.9364	0.0003	0.9951	0.9952	-0.0001
2024-02-15T08:19:46	2	0	259	257	2	0.8936	0.8939	0.0003	-0.9989	-0.9989	0.0000
2024-02-15T08:31:22	1	0	116	115	1	0.9388	0.9388	0.0000	0.9832	0.9831	0.0001
2024-02-15T08:35:58	1	0	5	5	0	1.0112	1.0110	-0.0002	-0.9984	0.9997	0.0019
2024-02-15T08:40:53	1	0	40	39	1	0.9610	0.9616	0.0006	0.9998	0.9998	0.0000
2024-02-15T08:54:31	1	0	77	72	5	1.0602	1.0605	0.0003	0.9838	0.9833	0.0005
2024-02-15T08:59:33	3	0	33	32	1	1.0534	1.0534	0.0000	0.9966	0.9967	-0.0001
2024-02-15T09:03:05	1	0	64	64	0	0.9516	0.9516	0.0000	0.9956	0.9957	-0.0001
2024-02-15T09:03:35	2	0	11	11	0	1.0444	1.0444	0.0000	-0.9926	-0.9926	0.0000
2024-02-15T09:04:50	7	0	298	290	8	0.9049	0.9056	0.0007	-0.9955	-0.9954	-0.0001
2024-02-15T09:05:14	1	0	6	6	0	1.0476	1.0475	0.0000	0.993	0.993	0.0000
2024-02-15T09:06:00	1	0	4	4	0	1.0065	1.0062	-0.0003	1	1	0.0000
2024-02-15T09:06:41	1	0	103	103	0	0.9139	0.9141	0.0001	0.9852	0.9849	0.0003
2024-02-15T09:06:56	4	0	76	71	5	0.9694	0.9719	0.0025	0.9845	0.9846	-0.0001
2024-02-15T09:10:55	1	0	12	12	0	1.0395	1.0395	0.0000	1	1	0.0000
2024-02-15T09:12:01	3	0	321	315	6	0.9196	0.9199	0.0004	0.9671	0.9672	-0.0001
2024-02-15T09:12:22	1	0	7	7	0	1.0437	1.0436	0.0000	0.9996	0.9996	0.0000
2024-02-15T09:13:14	1	0	14	14	0	1.0453	1.0453	-0.0001	0.9984	0.9984	0.0000
2024-02-15T09:13:27	1	0	1	0	1	1.0280	null	null	-0.9999	-0.9999	0.0000
2024-02-15T09:20:06	1	0	11	11	0	1.0315	1.0315	-0.0001	0.9551	0.946	0.0091
2024-02-15T09:20:27	1	0	3	3	0	1.0082	1.0080	-0.0002	-0.9999	-0.9998	-0.0001
2024-02-15T09:24:06	2	0	5	5	0	1.0487	1.0482	-0.0004	0.9757	0.9752	0.0005
2024-02-15T09:24:33	1	0	38	37	1	1.0580	1.0580	0.0001	0.9835	0.9835	0.0000
2024-02-15T09:28:15	1	0	14	14	0	1.0468	1.0467	-0.0001	0.9992	0.9992	0.0000
2024-02-15T09:33:26	3	0	5	5	0	1.0242	1.0237	-0.0005	-0.9979	-0.9979	0.0000
2024-02-15T09:35:08	2	0	6	5	1	0.9668	0.9721	0.0053	-0.9978	-0.9976	-0.0002
2024-02-15T09:35:11	2	0	18	18	0	1.0457	1.0455	-0.0002	1	1	0.0000
2024-02-15T09:36:13	1	0	38	38	0	1.0093	1.0092	-0.0001	0.9996	0.9996	0.0000
2024-02-15T09:42:48	1	0	16	14	2	0.9389	0.9374	-0.0014	0.9988	0.9988	0.0000
2024-02-15T09:45:41	1	0	14	13	1	1.0482	1.0484	0.0002	0.9972	0.9972	0.0000
2024-02-15T09:45:52	2	0	1	1	0	1.0307	1.0301	-0.0006	0.9889	0.9887	0.0002
2024-02-15T09:46:55	3	0	61	54	7	0.9428	0.9429	0.0001	-0.9966	-0.9965	-0.0001
2024-02-15T09:48:27	1	0	6	6	0	1.0292	1.0292	0.0000	-0.9976	-0.9976	0.0000
2024-02-15T09:48:44	1	0	13	12	1	1.0475	1.0468	-0.0008	0.9994	0.9994	0.0000
2024-02-15T09:48:59	1	0	3	3	0	1.0238	1.0236	-0.0002	0.9917	0.9914	0.0003
2024-02-15T09:50:08	2	0	18	18	0	1.0450	1.0447	-0.0003	0.9504	0.9593	-0.0089
2024-02-15T09:52:08	2	0	128	118	10	0.9991	0.9995	0.0004	0.9887	0.9888	-0.0001
2024-02-15T09:53:28	1	0	1	0	1	1.0325	null	null	0.9901	0.9901	0.0000
2024-02-15T09:57:25	2	0	16	15	1	1.0432	1.0458	0.0026	0.9998	0.9998	0.0000
2024-02-15T09:58:10	2	0	1	1	0	0.9995	0.9989	-0.0006	-0.9968	-0.996	-0.0008
2024-02-15T09:58:55	1	0	2	2	0	1.0455	1.0452	-0.0002	-0.9988	-0.9988	0.0000
2024-02-15T09:59:36	1	0	15	14	1	0.9494	0.9451	-0.0043	0.9869	0.9869	0.0000
2024-02-15T09:59:37	3	0	12	12	0	1.0499	1.0497	-0.0002	0.9965	0.9965	0.0000
2024-02-15T10:00:46	1	0	26	26	0	1.0518	1.0518	-0.0001	0.9749	0.9746	0.0003
2024-02-15T10:01:56	1	0	10	10	0	0.9516	0.9520	0.0004	-0.996	-0.996	0.0000

2024-02-15T10:02:09	3	0	32	32	0	1.0510	1.0510	0.0000	0.9801	0.9801	0.0000
2024-02-15T10:02:39	2	0	62	61	1	0.9932	0.9934	0.0002	0.9417	0.9418	-0.0001
2024-02-15T10:04:33	5	0	16	13	3	1.0532	1.0523	-0.0009	0.9987	0.9987	0.0000
2024-02-15T10:04:38	2	0	11	11	0	1.0511	1.0510	-0.0001	0.9617	0.9606	0.0011
2024-02-15T10:04:45	2	0	2	2	0	0.9853	0.9851	-0.0002	0.9712	0.9711	0.0001
2024-02-15T10:04:54	4	0	35	35	0	0.9146	0.9160	0.0014	-0.9784	-0.9787	0.0003
2024-02-15T10:05:02	1	0	1	1	0	1.0335	1.0330	-0.0005	0.9971	0.9971	0.0000
2024-02-15T10:05:13	2	0	25	23	2	1.0479	1.0477	-0.0002	-0.9997	-0.9997	0.0000
2024-02-15T10:05:16	1	0	2	2	0	1.0399	1.0397	-0.0002	-0.9993	-0.9993	0.0000
2024-02-15T10:14:06	2	0	5	5	0	1.0437	1.0437	-0.0001	-0.9999	-0.9999	0.0000
2024-02-15T10:15:02	3	0	6	6	0	0.9750	0.9745	-0.0005	0.9893	0.9891	0.0002
2024-02-15T10:15:51	2	0	4	4	0	1.0208	1.0206	-0.0002	-0.9998	-0.9998	0.0000
2024-02-15T10:17:10	3	0	33	32	1	1.0506	1.0505	-0.0002	0.9795	0.9794	0.0001
2024-02-15T10:18:21	1	0	1	0	1	1.0454	null	null	-0.9938	-0.9939	0.0001
2024-02-15T10:18:29	1	0	12	11	1	1.0398	1.0391	-0.0007	-0.9966	-0.9967	0.0001
2024-02-15T10:18:46	3	0	15	13	2	1.0463	1.0460	-0.0003	0.9995	0.9995	0.0000
2024-02-15T10:19:01	1	0	3	3	0	1.0303	1.0302	-0.0001	0.983	0.983	0.0000
2024-02-15T10:19:02	1	0	4	4	0	1.0253	1.0252	-0.0002	0.9908	0.9908	0.0000
2024-02-15T10:20:10	3	0	19	18	1	1.0429	1.0422	-0.0007	0.9513	0.9512	0.0001
2024-02-15T10:20:33	3	0	4	4	0	1.0478	1.0471	-0.0007	-0.9913	-0.9919	0.0006
2024-02-15T10:24:16	2	0	73	73	0	1.0537	1.0537	0.0000	0.9666	0.9666	0.0000
2024-02-15T10:26:34	2	0	49	48	1	1.0569	1.0567	-0.0002	-1	-1	0.0000
2024-02-15T10:32:11	5	0	40	38	2	1.0517	1.0515	-0.0002	0.9805	0.9805	0.0000
2024-02-15T10:32:14	1	0	1	1	0	1.0565	1.0556	-0.0009	0.9768	0.9766	0.0002
2024-02-15T10:32:56	3	0	2	1	1	1.0461	1.0338	-0.0123	0.999	0.999	0.0000
2024-02-15T10:33:30	2	0	4	4	0	1.0191	1.0188	-0.0003	-0.9983	-0.9984	0.0001
2024-02-15T10:33:34	1	0	1	1	0	1.0117	1.0114	-0.0003	0.9904	0.9903	0.0001
2024-02-15T10:35:11	1	0	42	41	1	1.0516	1.0515	-0.0001	0.9473	0.9568	-0.0095
2024-02-15T10:35:22	2	0	4	4	0	1.0270	1.0268	-0.0002	0.8469	0.8455	0.0014
2024-02-15T10:36:06	1	0	4	4	0	1.0242	1.0241	-0.0001	-0.996	-0.9962	0.0002
2024-02-15T10:37:14	1	0	115	109	6	1.0255	1.0396	0.0142	0.9909	0.9909	0.0000
2024-02-15T10:37:31	1	0	2	2	0	1.0378	1.0376	-0.0001	0.9968	0.9967	0.0001
2024-02-15T10:38:12	3	0	87	87	0	0.9169	0.9176	0.0007	0.9935	0.9937	-0.0002
2024-02-15T10:40:08	1	0	12	12	0	1.0451	1.0451	0.0000	-1	-1	0.0000
2024-02-15T10:40:46	1	0	1	1	0	1.0337	1.0334	-0.0003	-0.9996	-0.9996	0.0000
2024-02-15T10:42:26	1	0	2	0	2	1.0572	null	null	0.9998	0.9998	0.0000
2024-02-15T10:42:28	2	0	22	22	0	1.0468	1.0468	0.0000	1	0.9999	0.0001
2024-02-15T10:44:39	1	0	5	5	0	0.9659	0.9658	-0.0001	0.9866	0.9865	0.0001
2024-02-15T10:45:01	1	0	57	56	1	1.0479	1.0478	-0.0001	0.9953	0.9953	0.0000
2024-02-15T10:45:37	1	0	15	14	1	1.0416	1.0406	-0.0010	0.954	0.9538	0.0002
2024-02-15T10:47:01	4	0	43	41	2	1.0519	1.0516	-0.0002	0.9928	0.9927	0.0001
2024-02-15T10:47:40	1	0	14	14	0	1.0481	1.0480	-0.0001	0.9984	0.9984	0.0000
2024-02-15T10:48:42	1	0	8	8	0	1.0350	1.0350	0.0000	-0.9993	-0.9993	0.0000
2024-02-15T10:48:49	1	0	15	15	0	1.0458	1.0458	-0.0001	0.9995	0.9995	0.0000
2024-02-15T10:49:41	1	0	14	14	0	1.0517	1.0516	-0.0001	0.9503	0.9494	0.0009
2024-02-15T10:49:49	3	0	1	1	0	1.0289	1.0282	-0.0007	0.9739	0.9738	0.0001
2024-02-15T10:50:12	3	0	22	22	0	1.0450	1.0443	-0.0007	0.9471	0.9462	0.0009
2024-02-15T10:50:19	1	0	10	10	0	1.0444	1.0443	-0.0001	-0.9988	-0.9988	0.0000
2024-02-15T10:51:07	2	0	1	1	0	0.9404	0.9416	0.0012	0.9752	0.9753	-0.0001
2024-02-15T10:52:34	1	0	4	3	1	1.0460	1.0459	-0.0001	0.9692	0.9687	0.0005
2024-02-15T10:52:57	5	0	6	6	0	1.0347	1.0342	-0.0005	0.9987	0.9987	0.0000
2024-02-15T10:53:03	1	0	119	116	3	1.0561	1.0561	0.0000	-0.9878	-0.9877	-0.0001
2024-02-15T10:53:19	1	0	64	64	0	0.9613	0.9614	0.0001	0.9896	0.9895	0.0001
2024-02-15T10:55:09	1	0	15	15	0	1.0459	1.0458	0.0000	-1	1	0.0000
2024-02-15T10:56:34	1	0	1	1	0	1.0302	1.0298	-0.0004	0.983	0.983	0.0000
2024-02-15T10:57:52	1	0	3	3	0	1.0603	1.0602	-0.0001	0.9944	0.9944	0.0000
2024-02-15T10:58:29	1	0	5	5	0	1.0388	1.0387	-0.0001	0.9966	0.9966	0.0000
2024-02-15T11:00:05	1	0	2	2	0	0.9770	0.9769	-0.0002	0.9912	0.9911	0.0001
2024-02-15T11:01:08	1	0	6	6	0	1.0348	1.0346	-0.0001	-0.9986	-0.9986	0.0000
2024-02-15T11:02:00	1	0	1	1	0	0.9620	0.9626	0.0006	-0.9948	-0.9947	-0.0001
2024-02-15T11:02:02	3	0	71	66	5	1.0521	1.0520	-0.0001	0.9979	0.9978	0.0001
2024-02-15T11:02:13	5	0	46	45	1	1.0528	1.0527	-0.0001	0.9796	0.9796	0.0000
2024-02-15T11:03:24	1	0	1	0	1	1.0561	null	null	0.9708	0.9706	0.0002
2024-02-15T11:03:32	1	0	39	38	1	1.0567	1.0567	0.0000	0.9977	0.9977	0.0000
2024-02-15T11:03:52	1	0	1	2	-1	1.0386	1.0344	-0.0042	-0.9948	-0.9948	0.0000
2024-02-15T11:04:42	1	0	11	11	0	1.0516	1.0514	-0.0001	0.9493	0.9484	0.0009
2024-02-15T11:04:58	1	0	64	63	1	0.8967	0.8969	0.0002	-0.9877	-0.9876	-0.0001
2024-02-15T11:05:43	2	0	2	2	0	1.0644	1.0637	-0.0008	-0.9131	-0.9154	0.0023
2024-02-15T11:06:49	2	0	47	47	0	0.9378	0.9378	0.0000	0.986	0.9835	0.0025
2024-02-15T11:07:21	1	0	43	43	0	0.9401	0.9402	0.0001	0.9896	0.9763	0.0133
2024-02-15T11:08:20	1	0	66	65	1	0.9573	0.9520	-0.0053	0.9897	0.9897	0.0000
2024-02-15T11:12:53	1	0	3	3	0	1.0653	1.0651	-0.0002	0.9878	0.9878	0.0000
2024-02-15T11:14:10	1	0	9	9	0	1.0447	1.0447	0.0000	-1	-1	0.0000
2024-02-15T11:16:16	1	0	6	6	0	1.0232	1.0227	-0.0004	0.9983	0.9982	0.0001
2024-02-15T11:17:59	1	0	2	0	2	1.0566	null	null	0.9991	0.9991	0.0000
2024-02-15T11:18:25	2	0	1	1	0	1.0606	1.0596	-0.0010	0.9731	0.9729	0.0002
2024-02-15T11:18:27	1	0	3	1	2	1.0498	1.0451	-0.0047	-0.9925	-0.9928	0.0003
2024-02-15T11:18:33	2	0	16	15	1	1.0410	1.0406	-0.0004	-0.9949	-0.995	0.0001
2024-02-15T11:19:43	1	0	11	10	1	1.0509	1.0513	0.0004	0.9408	0.9398	0.0010
2024-02-15T11:19:59	2	0	39	39	0	0.9071	0.9071	0.0000	-0.9762	-0.9765	0.0003
2024-02-15T11:20:07	2	0	2	2	0	1.0304	1.0295	-0.0008	0.9972	0.9971	0.0001
2024-02-15T11:21:20	1	0	18	18	0	0.9820	0.9822	0.0002	0.9991	0.9991	0.0000
2024-02-15T11:22:34	1	0	2	2	0	1.0477	1.0474	-0.0003	0.9885	0.9884	0.0001
2024-02-15T11:25:31	1	0	3	3	0	1.0279	1.0279	0.0000	0.8441	0.8442	-0.0001
2024-02-15T11:26:00	1	0	4	4	0	1.0537	1.0535	-0.0002	0.9954	0.9954	0.0000

2024-02-15T11:28:31	2	0	17	15	2	1.0527	1.0526	-0.0001	-0.9938	-0.994	0.0002
2024-02-15T11:29:11	2	0	11	11	0	1.0453	1.0453	0.0000	-1	-1	0.0000
2024-02-15T11:31:24	3	0	2	2	0	1.0112	1.0110	-0.0002	0.9983	0.9983	0.0000
2024-02-15T11:31:57	1	0	9	9	0	1.0421	1.0420	-0.0001	0.9948	0.9948	0.0000
2024-02-15T11:32:02	2	0	1	1	0	0.9642	0.9647	0.0005	-0.9952	-0.9952	0.0000
2024-02-15T11:32:04	8	0	102	101	1	1.0534	1.0533	-0.0001	0.9961	0.9961	0.0000
2024-02-15T11:32:18	1	0	1	1	0	1.0590	1.0589	-0.0001	0.9762	0.9762	0.0000
2024-02-15T11:32:43	1	0	1	1	0	1.0479	1.0479	0.0000	0.9954	0.9954	0.0000
2024-02-15T11:33:27	2	0	3	1	2	1.0503	1.0452	-0.0051	-0.9921	-0.9924	0.0003
2024-02-15T11:33:40	1	0	1	1	0	1.0281	1.0281	0.0000	0.8411	0.8413	-0.0002
2024-02-15T11:33:53	5	0	8	9	-1	1.0446	1.0447	0.0001	0.9953	0.9954	-0.0001
2024-02-15T11:34:07	2	0	1	1	0	1.0285	1.0284	-0.0001	0.9896	0.9896	0.0000
2024-02-15T11:34:44	2	0	9	9	0	1.0500	1.0499	-0.0001	0.9261	0.9254	0.0007
2024-02-15T11:35:52	2	0	2	2	0	1.0691	1.0690	-0.0002	-0.8428	-0.8434	0.0006
2024-02-15T11:36:10	2	0	23	23	0	1.0478	1.0478	0.0000	0.9859	0.9858	0.0001
2024-02-15T11:36:10	2	0	2	2	0	1.0390	1.0390	0.0000	0.9981	0.9981	0.0000
2024-02-15T11:38:13	4	0	8	8	0	1.0368	1.0367	-0.0001	0.9986	0.9986	0.0000
2024-02-15T11:38:22	2	0	3	3	0	1.0448	1.0447	0.0000	0.9901	0.9901	0.0000
2024-02-15T11:39:50	2	0	47	46	1	1.0481	1.0479	-0.0002	0.9941	0.9941	0.0000
2024-02-15T11:40:39	2	0	81	78	3	0.9420	0.9424	0.0005	0.956	0.956	0.0000
2024-02-15T11:41:35	1	0	1	0	1	1.0553	null	null	0.9973	0.9973	0.0000
2024-02-15T11:42:56	1	0	1	1	0	1.0189	1.0189	0.0000	0.9855	0.9854	0.0001
2024-02-15T11:45:08	4	0	3	3	0	0.9816	0.9816	0.0000	0.9905	0.9905	0.0000
2024-02-15T11:46:33	3	0	2	2	0	1.0126	1.0126	0.0000	0.9988	0.9988	0.0000
2024-02-15T11:46:35	1	0	1	1	0	1.0561	1.0556	-0.0005	-0.9997	-0.9997	0.0000
2024-02-15T11:48:27	4	0	2	2	0	0.9818	0.9828	0.0010	0.9618	0.9623	-0.0005
2024-02-15T11:48:41	2	0	3	3	0	1.0275	1.0275	0.0000	0.8382	0.8389	-0.0007
2024-02-15T11:49:08	2	0	1	1	0	1.0256	1.0256	0.0000	0.9884	0.9884	0.0000
2024-02-15T11:50:39	3	0	3	4	-1	1.0466	1.0490	0.0024	-0.9866	-0.9868	0.0002
2024-02-15T11:50:57	1	0	4	4	0	1.0600	1.0598	-0.0002	-0.8731	-0.8746	0.0015
2024-02-15T11:51:11	2	0	30	30	0	1.0483	1.0482	0.0000	0.9881	0.9881	0.0000
2024-02-15T11:52:24	1	0	3	3	0	0.9479	0.9479	0.0000	0.9886	0.9885	0.0001
2024-02-15T11:55:25	2	0	11	10	1	1.0499	1.0492	-0.0007	0.9945	0.9945	0.0000
2024-02-15T11:56:02	1	0	4	4	0	1.0545	1.0545	-0.0001	0.995	0.995	0.0000
2024-02-15T11:56:36	1	0	1	1	0	1.0591	1.0589	-0.0002	0.9973	0.9973	0.0000
2024-02-15T12:00:09	4	0	1	0	1	1.0227	null	null	0.9922	0.9913	0.0009
2024-02-15T12:02:45	1	0	1	1	0	1.0467	1.0467	0.0000	0.9955	0.9956	-0.0001
2024-02-15T12:03:42	2	0	3	3	0	1.0282	1.0282	0.0000	0.8391	0.8397	-0.0006
2024-02-15T12:03:55	5	0	6	8	-2	1.0443	1.0461	0.0018	0.9941	0.9941	0.0000
2024-02-15T12:06:12	2	0	33	33	0	1.0482	1.0482	0.0000	0.9862	0.9861	0.0001
2024-02-15T12:07:25	1	0	3	3	0	0.9485	0.9485	0.0000	0.9878	0.9878	0.0000
2024-02-15T12:08:24	2	0	7	8	-1	1.0350	1.0235	-0.0114	0.9916	0.9914	0.0002
2024-02-15T12:10:31	2	0	6	6	0	1.0508	1.0508	0.0000	0.9938	0.9938	0.0000
2024-02-15T12:10:44	2	0	6	6	0	0.9960	0.9957	-0.0003	0.9699	0.9629	0.0070
2024-02-15T12:12:32	1	0	1	1	0	1.0554	1.0554	0.0000	-0.9999	-0.9999	0.0000
2024-02-15T12:13:34	2	0	1	1	0	1.1105	1.1105	0.0000	-0.9945	-0.9945	0.0000
2024-02-15T12:14:14	2	0	4	5	-1	1.0471	1.0443	-0.0028	-0.9997	-0.9997	0.0000
2024-02-15T12:27:59	1	0	3	3	0	1.0272	1.0271	0.0000	0.9991	0.9991	0.0000
2024-02-15T12:47:11	2	0	1	2	-1	0.9645	0.9678	0.0033	-0.9927	-0.9927	0.0000
2024-02-15T12:52:28	1	0	1	1	0	0.9594	0.9594	0.0000	0.9892	0.9892	0.0000
2024-02-15T12:53:27	2	0	82	76	6	0.9864	0.9872	0.0008	0.9911	0.9912	-0.0001
2024-02-15T12:55:34	2	0	10	10	0	1.0498	1.0496	-0.0001	0.9946	0.9946	0.0000
2024-02-15T12:55:47	1	0	2	1	1	1.0504	1.0451	-0.0053	0.9957	0.9957	0.0000
2024-02-15T12:56:06	1	0	1	1	0	1.0615	1.0614	-0.0001	0.995	0.9945	0.0005
2024-02-15T12:59:17	1	0	7	7	0	1.0439	1.0439	0.0000	-0.9992	-0.9993	0.0001
2024-02-15T12:59:53	2	0	2	2	0	1.0573	1.0565	-0.0008	0.9989	0.9982	0.0007
2024-02-15T13:08:28	1	0	6	6	0	1.0396	1.0396	0.0000	0.9908	0.9907	0.0001
2024-02-15T13:10:49	2	0	19	15	4	0.9550	0.9575	0.0025	0.96	0.9632	-0.0032
2024-02-15T13:15:14	3	0	4	4	0	0.9645	0.9646	0.0001	0.9876	0.9876	0.0000
2024-02-15T13:16:41	1	0	1	0	1	1.0570	null	null	-0.9989	-0.9989	0.0000
2024-02-15T13:29:09	1	0	3	3	0	1.0505	1.0504	-0.0001	-0.9989	-0.9989	0.0000
2024-02-15T13:38:14	3	0	160	158	2	1.0576	1.0576	0.0000	-0.9796	-0.9795	-0.0001
2024-02-15T13:40:41	2	0	9	8	1	1.0499	1.0477	-0.0022	-0.9757	-0.9756	-0.0001
2024-02-15T13:40:50	2	0	621	627	-6	0.8601	0.8606	0.0005	0.8971	0.8972	-0.0001
2024-02-15T13:45:13	3	0	75	72	3	1.0494	1.0491	-0.0003	0.9968	0.9968	0.0000
2024-02-15T13:45:16	2	0	6	6	0	0.9730	0.9729	-0.0001	0.9885	0.9884	0.0001
2024-02-15T13:47:15	3	0	3	3	0	0.9587	0.9591	0.0004	-0.9934	-0.9933	-0.0001
2024-02-15T13:48:36	2	0	4	3	1	1.0515	1.0494	-0.0020	-0.9831	-0.9833	0.0002
2024-02-15T13:49:02	4	0	23	23	0	1.0487	1.0487	-0.0001	0.9953	0.9953	0.0000
2024-02-15T13:53:15	2	0	162	160	2	1.0581	1.0581	0.0000	-0.9808	-0.9808	0.0000
2024-02-15T14:03:44	1	0	25	25	0	1.0552	1.0552	0.0000	0.9989	0.9989	0.0000
2024-02-15T14:04:03	1	0	10	10	0	1.0462	1.0461	0.0000	0.9956	0.9956	0.0000
2024-02-15T14:05:10	13	0	250	240	10	0.9074	0.9096	0.0022	-0.9941	-0.994	-0.0001
2024-02-15T14:08:24	6	0	224	217	7	1.0593	1.0592	-0.0001	-0.9787	-0.9787	0.0000
2024-02-15T14:08:32	1	0	61	39	22	0.9873	0.9886	0.0013	0.9907	0.9906	0.0001
2024-02-15T14:10:52	2	0	599	598	1	0.8542	0.8543	0.0002	0.9157	0.9076	0.0081
2024-02-15T14:11:45	1	0	1	1	0	1.0569	1.0567	-0.0002	0.9971	0.9971	0.0000
2024-02-15T14:13:42	1	0	15	14	1	1.0474	1.0472	-0.0001	0.998	0.9948	0.0032
2024-02-15T14:14:12	4	0	4	4	0	1.0493	1.0491	-0.0003	-0.9987	-0.9989	0.0002
2024-02-15T14:14:22	1	0	12	12	0	1.0474	1.0473	-0.0001	-0.9979	-0.9979	0.0000
2024-02-15T14:14:58	3	0	4	3	1	1.0457	1.0421	-0.0036	0.9986	0.9985	0.0001
2024-02-15T14:15:15	2	0	53	51	2	1.0511	1.0510	-0.0002	0.9867	0.9867	0.0000
2024-02-15T14:16:57	3	0	3	3	0	1.0216	1.0215	-0.0001	0.9989	0.9989	0.0000
2024-02-15T14:17:17	3	0	3	3	0	0.9880	0.9884	0.0004	-0.994	-0.9939	-0.0001
2024-02-15T14:17:26	7	0	145	143	2	1.0556	1.0555	-0.0001	0.9807	0.9806	0.0001

2024-02-15T14:17:56	2	0	12	11	1	1.0492	1.0486	-0.0006	0.9561	0.9561	0.0000
2024-02-15T14:18:37	2	0	1	1	0	1.0566	1.0563	-0.0003	0.979	0.9789	0.0001
2024-02-15T14:18:38	1	0	1	1	0	1.0414	1.0408	-0.0006	-0.9869	-0.9873	0.0004
2024-02-15T14:18:45	1	0	29	29	0	1.0571	1.0571	0.0000	0.9989	0.9989	0.0000
2024-02-15T14:18:53	3	0	1	1	0	1.0145	1.0144	-0.0001	0.9982	0.9982	0.0000
2024-02-15T14:19:04	4	0	4	4	0	1.0499	1.0495	-0.0004	0.9954	0.9953	0.0001
2024-02-15T14:20:11	5	0	202	199	3	0.9204	0.9207	0.0003	-0.9914	-0.9914	0.0000
2024-02-15T14:20:47	1	0	1	1	0	0.9387	0.9387	0.0000	-0.9986	-0.9984	-0.0002
2024-02-15T14:23:33	1	0	7	8	-1	1.0342	1.0230	-0.0112	0.9899	0.9898	0.0001
2024-02-15T14:23:36	4	0	226	218	8	1.0593	1.0592	-0.0001	-0.9757	-0.9757	0.0000
2024-02-15T14:25:44	1	0	7	7	0	1.0570	1.0563	-0.0007	-0.9459	-0.9455	-0.0004
2024-02-15T14:25:44	1	0	10	10	0	1.0488	1.0487	-0.0001	0.9947	0.9946	0.0001
2024-02-15T14:25:53	2	0	585	585	0	0.8536	0.8537	0.0001	0.9129	0.9051	0.0078
2024-02-15T14:26:16	1	0	365	365	0	1.0871	1.0871	0.0000	0.9997	0.9997	0.0000
2024-02-15T14:26:46	1	0	1	1	0	1.0569	1.0567	-0.0002	0.9985	0.9985	0.0000
2024-02-15T14:26:49	1	0	3	3	0	1.0566	1.0566	0.0000	0.986	0.986	0.0000
2024-02-15T14:28:43	1	0	14	14	0	1.0496	1.0495	0.0000	0.9984	0.9956	0.0028
2024-02-15T14:29:13	4	0	5	5	0	1.0510	1.0509	-0.0001	-0.9961	-0.9962	0.0001
2024-02-15T14:29:23	2	0	16	16	0	1.0476	1.0476	0.0000	-0.9974	-0.9975	0.0001
2024-02-15T14:29:59	3	0	2	2	0	1.0487	1.0487	-0.0001	0.9992	0.9992	0.0000
2024-02-15T14:30:19	4	0	5	5	0	1.0063	1.0060	-0.0003	0.9818	0.9816	0.0002
2024-02-15T14:30:57	4	0	46	41	5	1.0580	1.0587	0.0007	-0.9632	-0.9639	0.0007
2024-02-15T14:31:28	2	0	3	3	0	1.0433	1.0427	-0.0006	0.9929	0.9927	0.0002
2024-02-15T14:32:10	2	0	2	2	0	1.0274	1.0270	-0.0004	0.9991	0.9991	0.0000
2024-02-15T14:32:16	11	0	128	126	2	1.0529	1.0528	-0.0001	0.9994	0.9994	0.0000
2024-02-15T14:32:22	2	0	1	1	0	0.9673	0.9674	0.0001	-0.9929	-0.9929	0.0000
2024-02-15T14:32:32	3	0	116	115	1	1.0550	1.0550	0.0000	0.9815	0.9815	0.0000
2024-02-15T14:32:57	1	0	32	32	0	1.0549	1.0523	-0.0026	0.9603	0.9603	0.0000
2024-02-15T14:33:12	1	0	1	1	0	1.0301	1.0297	-0.0004	0.9926	0.9925	0.0001
2024-02-15T14:33:38	2	0	1	1	0	1.0578	1.0574	-0.0004	0.9776	0.9776	0.0000
2024-02-15T14:33:39	2	0	3	2	1	1.0495	1.0451	-0.0044	-0.9847	-0.9854	0.0007
2024-02-15T14:33:46	2	0	25	27	-2	1.0533	1.0535	0.0001	0.9987	0.9987	0.0000
2024-02-15T14:34:05	5	0	7	7	0	1.0425	1.0422	-0.0002	0.9955	0.9954	0.0001
2024-02-15T14:35:00	2	0	12	12	0	1.0498	1.0497	-0.0001	0.9301	0.929	0.0011
2024-02-15T14:35:03	1	0	1	1	0	0.9434	0.9438	0.0004	0.9737	0.9738	-0.0001
2024-02-15T14:35:12	6	0	192	190	2	0.9209	0.9215	0.0006	-0.9875	-0.9873	-0.0002
2024-02-15T14:36:18	2	0	8	8	0	1.0396	1.0395	-0.0001	0.9962	0.9963	-0.0001
2024-02-15T14:36:33	2	0	13	13	0	1.0264	1.0263	0.0000	-0.9998	-0.9998	0.0000
2024-02-15T14:37:45	6	0	3	3	0	1.0493	1.0482	-0.0011	-0.9953	-0.9958	0.0005
2024-02-15T14:38:36	3	0	4	4	0	1.0329	1.0327	-0.0002	0.9989	0.9989	0.0000
2024-02-15T14:38:46	2	0	154	153	1	1.0577	1.0577	0.0000	-0.9748	-0.9747	-0.0001
2024-02-15T14:40:45	2	0	1	1	0	1.0507	1.0505	-0.0002	-0.9406	-0.9402	-0.0004
2024-02-15T14:40:54	2	0	14	14	0	0.9463	0.9465	0.0001	0.9522	0.9555	-0.0033
2024-02-15T14:41:17	1	0	367	367	0	1.0845	1.0844	-0.0001	0.9996	0.9996	0.0000
2024-02-15T14:41:47	1	0	2	2	0	1.0522	1.0522	-0.0001	0.9994	0.9994	0.0000
2024-02-15T14:43:09	1	0	3	3	0	0.9425	0.9431	0.0006	0.9989	0.9989	0.0000
2024-02-15T14:43:44	2	0	2	2	0	1.0690	1.0688	-0.0002	-1	-1	0.0000
2024-02-15T14:43:44	2	0	13	13	0	1.0483	1.0483	0.0000	0.9984	0.9984	0.0000
2024-02-15T14:44:14	4	0	5	5	0	1.0497	1.0497	-0.0001	-0.9965	-0.9965	0.0000
2024-02-15T14:44:24	2	0	14	14	0	1.0479	1.0479	0.0000	-0.9979	-0.9979	0.0000
2024-02-15T14:45:00	2	0	2	2	0	1.0479	1.0478	-0.0001	0.9993	0.9993	0.0000
2024-02-15T14:45:58	4	0	18	18	0	1.0489	1.0489	0.0000	-0.983	-0.983	0.0000
2024-02-15T14:46:29	2	0	3	3	0	1.0449	1.0448	-0.0001	0.9929	0.9929	0.0000
2024-02-15T14:46:46	5	0	2	3	-1	1.0332	1.0321	-0.0011	0.9842	0.9829	0.0013
2024-02-15T14:47:10	1	0	12	12	0	1.0454	1.0454	0.0000	0.9962	0.9962	0.0000
2024-02-15T14:47:17	2	0	175	174	1	1.0538	1.0538	0.0000	0.9998	0.9998	0.0000
2024-02-15T14:47:23	3	0	2	2	0	1.0025	1.0024	-0.0001	-0.9932	-0.9932	0.0000
2024-02-15T14:47:24	1	0	3	3	0	1.0268	1.0265	-0.0003	0.9992	0.9991	0.0001
2024-02-15T14:47:31	1	0	1	1	0	1.0559	1.0557	-0.0002	0.9665	0.9665	0.0000
2024-02-15T14:47:33	3	0	137	135	2	1.0553	1.0553	0.0000	0.9793	0.9792	0.0001
2024-02-15T14:48:40	1	0	15	14	1	1.0478	1.0467	-0.0011	-0.9798	-0.9804	0.0006
2024-02-15T14:49:12	1	0	10	10	0	0.9416	0.9417	0.0001	0.9719	0.972	-0.0001
2024-02-15T14:50:01	1	0	32	29	3	1.0556	1.0555	-0.0001	0.9886	0.988	0.0006
2024-02-15T14:50:32	8	0	48	47	1	1.0494	1.0483	-0.0011	-0.9997	-0.9998	0.0001
2024-02-15T14:51:11	3	0	9	9	0	1.0520	1.0518	-0.0002	-0.7888	-0.7923	0.0035
2024-02-15T14:53:35	2	0	7	7	0	1.0365	1.0364	-0.0001	0.9918	0.9917	0.0001
2024-02-15T14:53:48	4	0	212	205	7	1.0593	1.0593	0.0000	-0.9737	-0.9736	-0.0001
2024-02-15T14:54:28	1	0	6	6	0	1.0494	1.0493	-0.0001	0.9749	0.9741	0.0008
2024-02-15T14:56:50	2	0	5	4	1	1.0474	1.0452	-0.0022	0.9851	0.985	0.0001
2024-02-15T15:00:07	1	0	2	2	0	1.0475	1.0475	0.0000	0.9988	0.9988	0.0000
2024-02-15T15:02:24	1	0	2	2	0	0.9988	0.9991	0.0002	-0.9923	-0.9922	-0.0001
2024-02-15T15:02:34	1	0	5	5	0	0.9524	0.9527	0.0003	0.9828	0.9829	-0.0001
2024-02-15T15:02:39	1	0	3	3	0	1.0232	1.0230	-0.0002	0.9993	0.9993	0.0000
2024-02-15T15:02:59	1	0	24	23	1	1.0545	1.0544	-0.0002	0.9672	0.9671	0.0001
2024-02-15T15:03:41	1	0	17	13	4	1.0523	1.0510	-0.0013	-0.9873	-0.9878	0.0005
2024-02-15T15:03:56	2	0	4	4	0	1.0288	1.0287	-0.0001	0.8405	0.839	0.0015
2024-02-15T15:04:07	3	0	20	18	2	1.0480	1.0477	-0.0003	0.9959	0.9959	0.0000
2024-02-15T15:05:10	1	0	4	4	0	1.0496	1.0495	-0.0001	0.9981	0.998	0.0001
2024-02-15T15:05:14	1	0	185	179	6	0.9269	0.9288	0.0019	-0.9837	-0.9831	-0.0006
2024-02-15T15:05:36	1	0	26	26	0	1.0455	1.0455	-0.0001	-0.9964	-0.9964	0.0000
2024-02-15T15:09:03	1	0	184	183	1	1.0585	1.0585	0.0000	-0.9746	-0.9744	-0.0002
2024-02-15T15:14:34	1	0	20	20	0	1.0479	1.0479	0.0000	-0.9967	-0.9967	0.0000
2024-02-15T15:16:52	2	0	3	3	0	1.0330	1.0328	-0.0002	0.9849	0.9841	0.0008
2024-02-15T15:18:42	1	0	10	8	2	1.0490	1.0469	-0.0021	-0.9801	-0.9807	0.0006
2024-02-15T15:20:03	1	0	42	39	3	1.0567	1.0567	0.0000	0.989	0.9893	-0.0003

2024-02-15T15:20:06	1	0	3	3	0	1.0024	1.0023	-0.0001	0.9752	0.9752	0.0000
2024-02-15T15:20:11	1	0	5	5	0	1.0416	1.0414	-0.0002	0.9974	0.9974	0.0000
2024-02-15T15:27:47	1	0	13	13	0	1.0438	1.0438	0.0000	1	1	0.0000
2024-02-15T15:29:19	2	0	28	25	3	1.0476	1.0478	0.0002	0.9999	0.9999	0.0000
2024-02-15T15:29:35	1	0	22	22	0	1.0492	1.0492	0.0000	-0.9964	-0.9964	0.0000
2024-02-15T15:33:43	1	0	7	5	2	1.0465	1.0462	-0.0002	-0.9804	-0.9809	0.0005
2024-02-15T15:34:02	1	0	3	3	0	1.0358	1.0358	0.0000	-0.9993	-0.9993	0.0000
2024-02-15T15:38:38	1	0	8	0	8	0.9440	null	null	0.992	0.9922	-0.0002
2024-02-15T15:40:58	1	0	16	16	0	0.9480	0.9482	0.0002	0.9563	0.9597	-0.0034
2024-02-15T15:44:36	1	0	21	21	0	1.0473	1.0473	0.0000	-0.9965	-0.9965	0.0000
2024-02-15T15:48:43	2	0	1	1	0	0.9797	0.9804	0.0007	0.9625	0.9626	-0.0001
2024-02-15T15:48:44	1	0	2	2	0	1.0472	1.0462	-0.0010	-0.9835	-0.9839	0.0004
2024-02-15T15:50:17	12	0	175	146	29	0.9004	0.9039	0.0035	-0.9796	-0.9801	0.0005
2024-02-15T15:50:36	1	0	38	38	0	1.0491	1.0456	-0.0034	-0.9999	-1	0.0001
2024-02-15T15:50:55	1	0	2	2	0	0.9809	0.9809	-0.0001	-0.9992	-0.9991	-0.0001
2024-02-15T15:55:59	1	0	2	2	0	1.0279	1.0270	-0.0010	0.9686	0.9683	0.0003
2024-02-15T15:56:22	1	0	58	58	0	0.9426	0.9426	0.0001	0.9989	0.9989	0.0000
2024-02-15T15:57:28	1	0	29	28	1	1.0454	1.0450	-0.0004	0.9809	0.9809	0.0000
2024-02-15T16:02:28	6	0	3	3	0	0.9663	0.9669	0.0006	-0.9943	-0.9942	-0.0001
2024-02-15T16:03:45	1	0	2	2	0	1.0489	1.0480	-0.0009	-0.9806	-0.981	0.0004
2024-02-15T16:10:03	16	0	433	423	10	0.8272	0.8306	0.0034	0.9886	0.989	-0.0004
2024-02-15T16:16:53	1	0	119	118	1	0.9402	0.9402	0.0000	0.9852	0.9852	0.0000
2024-02-15T16:17:29	1	0	11	11	0	0.9589	0.9593	0.0003	-0.9944	-0.9944	0.0000
2024-02-15T16:31:54	1	0	136	135	1	0.9395	0.9395	0.0000	0.9853	0.9853	0.0000
2024-02-15T16:38:03	1	0	1	1	0	0.9624	0.9629	0.0005	0.9753	0.9753	0.0000
2024-02-15T16:38:42	1	0	77	76	1	0.9350	0.9360	0.0010	0.9914	0.9916	-0.0002
2024-02-15T16:40:15	7	0	455	453	2	0.8548	0.8548	0.0000	0.9897	0.9898	-0.0001
2024-02-15T16:41:14	1	0	78	70	8	0.9376	0.9387	0.0011	0.986	0.9859	0.0001
2024-02-15T16:46:55	1	0	180	179	1	0.9335	0.9335	0.0000	0.9848	0.9848	0.0000
2024-02-15T16:47:31	2	0	85	81	4	0.9448	0.9449	0.0001	-0.9961	-0.996	-0.0001
2024-02-15T17:06:22	5	0	863	863	0	0.8796	0.8802	0.0006	0.9855	0.9857	-0.0002
2024-02-15T17:21:39	3	0	863	863	0	0.8894	0.8897	0.0003	0.9951	0.9952	-0.0001
2024-02-15T18:06:36	2	0	62	61	1	0.9810	0.9816	0.0006	0.9865	0.9865	0.0000
2024-02-15T18:17:29	3	0	33	32	1	0.9509	0.9509	0.0000	0.9955	0.9954	0.0001
2024-02-15T18:20:39	1	0	2	2	0	1.0439	1.0439	0.0000	0.9996	0.9996	0.0000
2024-02-16T07:59:25	1	0	465	465	0	0.9169	0.9169	0.0000	0.961	0.961	0.0000
2024-02-16T08:05:06	2	0	189	188	1	0.9332	0.9333	0.0002	0.9921	0.9922	-0.0001
2024-02-16T08:06:11	1	0	64	64	0	1.0226	1.0225	0.0000	-0.9997	-0.9997	0.0000
2024-02-16T08:06:42	1	0	141	141	0	0.9256	0.9257	0.0001	0.9854	0.9853	0.0001
2024-02-16T08:14:26	1	0	289	289	0	0.9260	0.9261	0.0001	0.9623	0.9624	-0.0001
2024-02-16T08:18:03	1	0	72	72	0	0.9704	0.9707	0.0002	0.9908	0.991	-0.0002
2024-02-16T08:19:50	4	0	238	234	4	0.9306	0.9308	0.0001	-1	-1	0.0000
2024-02-16T08:26:29	2	0	47	46	1	1.0546	1.0545	0.0000	1	1	0.0000
2024-02-16T08:33:25	1	0	106	105	1	0.9376	0.9377	0.0001	0.9999	0.9999	0.0000
2024-02-16T08:34:53	3	0	47	47	0	0.9303	0.9308	0.0005	-0.9991	-0.9991	0.0000
2024-02-16T08:36:34	1	0	46	45	1	0.9374	0.9375	0.0001	0.997	0.997	0.0000
2024-02-16T08:41:30	2	0	49	48	1	1.0547	1.0547	0.0000	1	1	0.0000
2024-02-16T08:42:53	1	0	11	11	0	1.0347	1.0347	0.0000	0.9998	0.9999	-0.0001
2024-02-16T08:48:05	1	0	29	29	0	0.9731	0.9731	0.0000	0.99	0.9898	0.0002
2024-02-16T08:51:37	2	0	121	121	0	1.0029	1.0030	0.0001	0.9793	0.9789	0.0004
2024-02-16T08:58:31	1	0	1	1	0	1.0240	1.0236	-0.0004	0.9998	0.9998	0.0000
2024-02-16T08:59:30	1	0	141	139	2	0.9399	0.9400	0.0000	0.9653	0.9654	-0.0001
2024-02-16T09:00:01	1	0	3	3	0	1.0059	1.0057	-0.0002	0.9892	0.9891	0.0001
2024-02-16T09:01:27	1	0	24	24	0	0.9470	0.9470	0.0000	0.9863	0.9863	0.0000
2024-02-16T09:02:41	1	0	6	7	-1	1.0456	1.0455	-0.0001	0.9242	0.924	0.0002
2024-02-16T09:03:27	1	0	63	60	3	0.9423	0.9424	0.0002	0.9999	0.9999	0.0000
2024-02-16T09:03:45	1	0	2	2	0	1.0331	1.0331	0.0000	-0.9991	-0.9991	0.0000
2024-02-16T09:04:55	4	0	41	41	0	0.9291	0.9298	0.0007	-0.9987	-0.9987	0.0000
2024-02-16T09:05:10	1	0	91	90	1	0.9409	0.9409	0.0001	0.9944	0.9944	0.0000
2024-02-16T09:05:10	5	0	234	231	3	1.0604	1.0603	0.0000	-0.9698	-0.9696	-0.0002
2024-02-16T09:05:13	2	0	33	33	0	1.0497	1.0497	0.0000	-0.9996	-0.9996	0.0000
2024-02-16T09:06:36	1	0	1	1	0	0.9401	0.9406	0.0005	-0.9886	-0.9883	-0.0003
2024-02-16T09:06:38	2	0	111	111	0	1.0120	1.0121	0.0001	0.9827	0.9828	-0.0001
2024-02-16T09:06:46	1	0	104	104	0	0.9221	0.9222	0.0001	0.9826	0.9822	0.0004
2024-02-16T09:10:58	1	0	60	60	0	0.9472	0.9472	0.0000	0.9982	0.9982	0.0000
2024-02-16T09:18:28	1	0	44	40	4	0.9438	0.9441	0.0002	0.9999	0.9999	0.0000
2024-02-16T09:20:09	1	0	17	17	0	1.0401	1.0400	-0.0001	0.9528	0.9586	-0.0058
2024-02-16T09:20:11	3	0	287	282	5	1.0610	1.0610	0.0000	-0.9704	-0.9703	-0.0001
2024-02-16T09:24:10	2	0	7	7	0	1.0487	1.0484	-0.0003	0.9846	0.9921	-0.0075
2024-02-16T09:27:56	1	0	7	7	0	1.0338	1.0338	0.0000	0.9999	0.9999	0.0000
2024-02-16T09:28:33	1	0	2	2	0	1.0221	1.0209	-0.0012	0.9996	0.9996	0.0000
2024-02-16T09:28:50	1	0	2	2	0	1.0373	1.0371	-0.0002	-0.9981	-0.9981	0.0000
2024-02-16T09:29:32	1	0	122	114	8	0.9422	0.9426	0.0004	0.9654	0.9654	0.0000
2024-02-16T09:33:29	3	0	1	1	0	1.0367	1.0359	-0.0008	-0.9994	-0.9994	0.0000
2024-02-16T09:35:15	7	0	39	37	2	1.0468	1.0466	-0.0002	-0.9998	-0.9998	0.0000
2024-02-16T09:36:40	1	0	129	127	2	1.0722	1.0720	-0.0002	0.9894	0.9894	0.0000
2024-02-16T09:42:18	2	0	11	9	2	0.9487	0.9502	0.0015	-0.9941	-0.994	-0.0001
2024-02-16T09:42:52	1	0	4	4	0	0.9425	0.9430	0.0005	0.9832	0.9833	-0.0001
2024-02-16T09:43:51	2	0	2	2	0	1.0351	1.0349	-0.0003	-0.9989	-0.999	0.0001
2024-02-16T09:44:51	3	0	31	30	1	1.0530	1.0529	-0.0001	0.9971	0.9971	0.0000
2024-02-16T09:45:39	1	0	18	17	1	1.0484	1.0485	0.0001	0.9957	0.9956	0.0001
2024-02-16T09:45:47	1	0	78	77	1	1.0560	1.0560	0.0000	0.9595	0.9592	0.0003
2024-02-16T09:45:52	1	0	17	17	0	1.0336	1.0336	0.0000	1	1	0.0000
2024-02-16T09:46:19	1	0	2	2	0	1.0252	1.0249	-0.0003	0.9943	0.9941	0.0002
2024-02-16T09:48:21	1	0	15	12	3	1.0463	1.0463	0.0000	-0.981	-0.9815	0.0005

2024-02-16T09:48:51	1	0	3	3	0	1.0423	1.0421	-0.0002	0.9978	0.9978	0.0000
2024-02-16T09:50:11	4	0	24	23	1	1.0415	1.0407	-0.0008	0.9507	0.95	0.0007
2024-02-16T09:51:18	1	0	10	10	0	0.9908	0.9907	-0.0001	1	1	0.0000
2024-02-16T09:55:49	3	0	1	0	1	1.0557	null	null	0.9816	0.9816	0.0000
2024-02-16T09:56:56	3	0	3	2	1	1.0521	1.0483	-0.0039	-0.9999	-0.9999	0.0000
2024-02-16T09:57:19	1	0	3	3	0	0.9881	0.9884	0.0002	-0.9928	-0.9927	-0.0001
2024-02-16T09:57:35	1	0	19	19	0	1.0474	1.0474	-0.0001	0.9998	0.9999	-0.0001
2024-02-16T09:58:12	2	0	1	1	0	1.0023	1.0017	-0.0006	-0.9889	-0.9888	-0.0001
2024-02-16T09:58:52	1	0	2	2	0	1.0490	1.0488	-0.0002	-0.9984	-0.9984	0.0000
2024-02-16T09:59:16	2	0	3	3	0	1.0026	1.0022	-0.0004	0.9733	0.9732	0.0001
2024-02-16T09:59:34	1	0	256	254	2	0.9344	0.9347	0.0003	0.9493	0.9494	-0.0001
2024-02-16T09:59:53	3	0	21	18	3	1.0516	1.0508	-0.0008	0.9972	0.9971	0.0001
2024-02-16T10:02:45	2	0	46	45	1	0.9483	0.9486	0.0003	0.9528	0.9528	0.0000
2024-02-16T10:03:22	1	0	6	6	0	1.0473	1.0467	-0.0006	-0.9826	-0.9831	0.0005
2024-02-16T10:03:31	2	0	5	5	0	1.0113	1.0107	-0.0006	-0.9966	-0.9971	0.0005
2024-02-16T10:03:44	1	0	6	6	0	1.0319	1.0319	-0.0001	-0.9985	-0.9985	0.0000
2024-02-16T10:04:41	1	0	16	15	1	1.0514	1.0511	-0.0003	0.9668	0.9657	0.0011
2024-02-16T10:05:06	1	0	3	3	0	1.0377	1.0375	-0.0002	-0.9999	-0.9999	0.0000
2024-02-16T10:05:17	2	0	52	51	1	1.0482	1.0481	-0.0001	-0.9987	-0.9987	0.0000
2024-02-16T10:05:23	13	0	484	455	29	1.0619	1.0616	-0.0003	-0.9673	-0.9674	0.0001
2024-02-16T10:06:50	2	0	64	64	0	0.9355	0.9356	0.0000	0.9806	0.9803	0.0003
2024-02-16T10:12:04	2	0	27	26	1	1.0375	1.0376	0.0001	0.9681	0.9682	-0.0001
2024-02-16T10:12:20	1	0	1	1	0	0.9667	0.9672	0.0005	-0.9933	-0.9933	0.0000
2024-02-16T10:14:11	2	0	13	13	0	1.0462	1.0462	-0.0001	-0.9992	-0.9992	0.0000
2024-02-16T10:14:35	1	0	192	189	3	0.9371	0.9373	0.0002	0.9468	0.9469	-0.0001
2024-02-16T10:15:01	1	0	104	103	1	1.0526	1.0525	0.0000	0.9996	0.9996	0.0000
2024-02-16T10:15:54	6	0	18	16	2	1.0331	1.0370	0.0039	-1	-1	0.0000
2024-02-16T10:17:10	3	0	3	3	0	1.0317	1.0314	-0.0003	0.9835	0.9835	0.0000
2024-02-16T10:17:13	5	0	47	45	2	1.0528	1.0526	-0.0002	0.9794	0.9793	0.0001
2024-02-16T10:18:23	1	0	11	9	2	1.0484	1.0479	-0.0004	-0.9792	-0.9834	0.0042
2024-02-16T10:18:54	3	0	6	6	0	1.0433	1.0428	-0.0006	0.9981	0.9981	0.0000
2024-02-16T10:19:37	5	0	22	18	4	1.0526	1.0516	-0.0010	0.9982	0.9981	0.0001
2024-02-16T10:20:00	4	0	1	1	0	1.0475	1.0461	-0.0014	-0.9929	-0.9932	0.0003
2024-02-16T10:20:35	15	0	603	589	14	1.0624	1.0623	0.0000	-0.9649	-0.965	0.0001
2024-02-16T10:20:36	1	0	2	2	0	0.9847	0.9844	-0.0002	-0.9989	-0.9988	-0.0001
2024-02-16T10:24:15	1	0	86	72	14	1.0567	1.0558	-0.0009	0.9906	0.9483	0.0423
2024-02-16T10:26:07	1	0	4	4	0	1.0412	1.0410	-0.0002	0.9942	0.9941	0.0001
2024-02-16T10:29:18	1	0	13	13	0	1.0454	1.0454	0.0000	-0.9993	-0.9993	0.0000
2024-02-16T10:30:02	2	0	107	105	2	1.0529	1.0528	-0.0001	0.9993	0.9993	0.0000
2024-02-16T10:30:37	1	0	67	67	0	0.9516	0.9518	0.0002	0.9888	0.9887	0.0001
2024-02-16T10:31:05	6	0	17	17	0	1.0343	1.0342	-0.0001	-0.9999	-0.9999	0.0000
2024-02-16T10:32:05	3	0	4	4	0	1.0377	1.0371	-0.0006	0.9985	0.9984	0.0001
2024-02-16T10:32:11	1	0	2	1	1	0.9799	1.0246	0.0448	0.9837	0.9837	0.0000
2024-02-16T10:32:14	3	0	41	40	1	1.0522	1.0521	-0.0001	0.9758	0.9758	0.0000
2024-02-16T10:33:24	1	0	16	16	0	1.0476	1.0473	-0.0003	-0.9809	-0.9814	0.0005
2024-02-16T10:33:33	2	0	18	17	1	1.0521	1.0531	0.0010	0.9996	0.9996	0.0000
2024-02-16T10:33:39	1	0	1	1	0	1.0092	1.0089	-0.0003	0.9781	0.978	0.0001
2024-02-16T10:35:18	1	0	8	9	-1	1.0156	1.0096	-0.0060	0.8631	0.8634	-0.0003
2024-02-16T10:35:45	6	0	611	597	14	1.0633	1.0632	0.0000	-0.9644	-0.9643	-0.0001
2024-02-16T10:36:13	2	0	1	1	0	1.0403	1.0403	0.0000	0.9966	0.9966	0.0000
2024-02-16T10:36:21	2	0	15	15	0	1.0120	1.0120	0.0000	0.9996	0.9996	0.0000
2024-02-16T10:40:29	1	0	14	13	1	1.0514	1.0508	-0.0006	0.9982	0.9982	0.0000
2024-02-16T10:42:06	7	0	29	27	2	1.0376	1.0361	-0.0015	0.9654	0.9613	0.0041
2024-02-16T10:42:38	4	0	38	39	-1	1.0515	1.0515	0.0000	1	1	0.0000
2024-02-16T10:43:32	1	0	12	11	1	1.0464	1.0463	0.0000	0.9977	0.9943	0.0034
2024-02-16T10:45:03	2	0	136	133	3	1.0542	1.0541	-0.0001	0.9996	0.9996	0.0000
2024-02-16T10:45:08	1	0	1	1	0	1.0202	1.0198	-0.0004	0.9844	0.9842	0.0002
2024-02-16T10:45:54	3	0	8	8	0	1.0511	1.0506	-0.0005	-0.8517	-0.8575	0.0058
2024-02-16T10:46:44	1	0	1	1	0	1.0370	1.0363	-0.0007	0.9964	0.9963	0.0001
2024-02-16T10:46:59	1	0	9	9	0	1.0322	1.0321	-0.0001	0.9924	0.9923	0.0001
2024-02-16T10:47:06	1	0	6	6	0	1.0464	1.0463	-0.0001	0.997	0.997	0.0000
2024-02-16T10:47:11	1	0	1	1	0	1.0301	1.0297	-0.0004	0.9593	0.9587	0.0006
2024-02-16T10:47:15	2	0	52	51	1	1.0532	1.0531	-0.0001	0.9784	0.9784	0.0000
2024-02-16T10:48:13	1	0	5	5	0	1.0466	1.0465	-0.0001	0.9912	0.9911	0.0001
2024-02-16T10:48:25	1	0	10	9	1	1.0494	1.0482	-0.0012	-0.9878	-0.9883	0.0005
2024-02-16T10:48:25	2	0	1	1	0	1.0574	1.0556	-0.0018	0.9721	0.9716	0.0005
2024-02-16T10:48:34	1	0	6	6	0	1.0282	1.0280	-0.0002	-0.9865	-0.9867	0.0002
2024-02-16T10:48:47	1	0	8	8	0	1.0373	1.0373	0.0000	-0.9997	-0.9997	0.0000
2024-02-16T10:49:48	1	0	19	18	1	1.0522	1.0518	-0.0004	0.9621	0.9606	0.0015
2024-02-16T10:50:22	1	0	13	12	1	1.0470	1.0460	-0.0010	-0.9993	-0.9993	0.0000
2024-02-16T10:50:23	1	0	9	9	0	1.0109	1.0107	-0.0001	0.857	0.8563	0.0007
2024-02-16T10:50:34	3	0	7	7	0	1.0500	1.0495	-0.0006	-0.9923	-0.993	0.0007
2024-02-16T10:50:57	13	0	966	950	16	1.0652	1.0652	0.0000	-0.9594	-0.9597	0.0003
2024-02-16T10:51:05	2	0	10	10	0	1.0461	1.0460	-0.0001	0.9989	0.999	-0.0001
2024-02-16T10:53:15	3	0	10	10	0	1.0382	1.0383	0.0001	0.9978	0.9979	-0.0001
2024-02-16T10:53:29	1	0	255	253	2	1.0572	1.0571	-0.0001	0.9943	0.9943	0.0000
2024-02-16T10:54:39	1	0	1	0	1	1.0372	null	null	0.9631	0.9671	-0.0040
2024-02-16T10:56:38	1	0	2	2	0	1.0286	1.0282	-0.0004	0.9812	0.9811	0.0001
2024-02-16T10:57:07	3	0	19	19	0	1.0434	1.0433	0.0000	0.9608	0.9607	0.0001
2024-02-16T10:57:23	1	0	2	2	0	0.9692	0.9696	0.0005	-0.9987	-0.9987	0.0000
2024-02-16T10:58:23	1	0	15	15	0	1.0468	1.0467	-0.0001	0.9997	0.9997	0.0000
2024-02-16T10:58:33	1	0	16	16	0	1.0466	1.0466	0.0000	0.997	0.997	0.0000
2024-02-16T10:58:39	1	0	2	2	0	1.0292	1.0284	-0.0008	0.9998	0.9999	-0.0001
2024-02-16T10:59:08	1	0	3	2	1	1.0540	1.0520	-0.0020	-0.9546	-0.9546	0.0000
2024-02-16T10:59:20	1	0	11	11	0	1.0476	1.0476	0.0000	-0.9994	-0.9994	0.0000

2024-02-16T11:01:18	2	0	4	4	0	1.0446	1.0440	-0.0006	0.9922	0.9919	0.0003
2024-02-16T11:02:07	2	0	6	6	0	1.0459	1.0457	-0.0002	0.999	0.999	0.0000
2024-02-16T11:02:16	5	0	62	60	2	1.0539	1.0538	-0.0001	0.9797	0.9796	0.0001
2024-02-16T11:02:21	1	0	1	0	1	1.0551	null	null	0.9697	0.9697	0.0000
2024-02-16T11:02:49	1	0	20	19	1	1.0498	1.0493	-0.0005	0.9152	0.915	0.0002
2024-02-16T11:03:26	1	0	15	15	0	1.0475	1.0472	-0.0004	-0.9783	-0.979	0.0007
2024-02-16T11:03:35	2	0	9	8	1	0.9531	0.9550	0.0019	-0.999	-0.999	0.0000
2024-02-16T11:03:44	1	0	17	18	-1	1.0513	1.0514	0.0002	0.9995	0.9995	0.0000
2024-02-16T11:04:03	1	0	3	3	0	1.0048	1.0046	-0.0003	0.9594	0.9624	-0.0030
2024-02-16T11:04:42	1	0	1	1	0	1.0350	1.0347	-0.0003	0.9552	0.9551	0.0001
2024-02-16T11:04:51	1	0	15	15	0	1.0516	1.0514	-0.0002	0.9441	0.9424	0.0017
2024-02-16T11:04:55	1	0	4	4	0	1.0479	1.0478	-0.0001	0.9983	0.9982	0.0001
2024-02-16T11:05:03	2	0	16	11	5	0.9441	0.9446	0.0006	-0.9959	-0.9961	0.0002
2024-02-16T11:05:21	7	0	158	158	0	1.0533	1.0531	-0.0002	-0.9975	-0.9977	0.0002
2024-02-16T11:05:23	1	0	18	17	1	1.0474	1.0465	-0.0009	-0.9994	-0.9994	0.0000
2024-02-16T11:05:28	3	0	12	12	0	1.0205	1.0202	-0.0002	0.8608	0.8593	0.0015
2024-02-16T11:05:38	1	0	28	27	1	1.0496	1.0493	-0.0003	-0.9946	-0.9946	0.0000
2024-02-16T11:11:36	1	0	2	2	0	1.0519	1.0514	-0.0005	0.9836	0.9835	0.0001
2024-02-16T11:12:24	3	0	6	6	0	1.0165	1.0167	0.0001	-0.9987	-0.9986	-0.0001
2024-02-16T11:12:40	1	0	87	86	1	1.0551	1.0550	0.0000	0.9999	0.9999	0.0000
2024-02-16T11:12:56	1	0	5	5	0	1.0460	1.0458	-0.0001	0.9732	0.9731	0.0001
2024-02-16T11:13:04	1	0	14	14	0	1.0469	1.0467	-0.0002	0.9943	0.9942	0.0001
2024-02-16T11:13:40	1	0	2	2	0	1.0276	1.0265	-0.0012	0.9999	0.9999	0.0000
2024-02-16T11:15:05	2	0	141	139	2	1.0542	1.0542	0.0000	0.9994	0.9994	0.0000
2024-02-16T11:15:10	2	0	3	3	0	1.0112	1.0110	-0.0002	0.9832	0.9829	0.0003
2024-02-16T11:15:24	1	0	1	0	1	1.0346	null	null	0.9998	0.9998	0.0000
2024-02-16T11:15:49	4	0	16	15	1	1.0340	1.0332	-0.0008	-0.993	-0.9931	0.0001
2024-02-16T11:16:15	1	0	2	2	0	1.0217	1.0213	-0.0004	-0.9833	-0.9835	0.0002
2024-02-16T11:16:34	1	0	4	4	0	1.0254	1.0252	-0.0002	0.9964	0.9963	0.0001
2024-02-16T11:17:17	2	0	81	80	1	1.0544	1.0544	0.0000	0.9784	0.9784	0.0000
2024-02-16T11:17:22	1	0	1	1	0	1.0591	1.0581	-0.0010	0.967	0.9668	0.0002
2024-02-16T11:18:15	1	0	7	7	0	1.0351	1.0350	-0.0001	0.9914	0.9914	0.0000
2024-02-16T11:18:27	1	0	25	21	4	1.0492	1.0492	0.0000	-0.9804	-0.9811	0.0007
2024-02-16T11:18:54	1	0	1	1	0	1.0393	1.0389	-0.0004	-0.9956	-0.9956	0.0000
2024-02-16T11:18:58	5	0	21	21	0	1.0498	1.0495	-0.0004	0.9978	0.9977	0.0001
2024-02-16T11:19:54	1	0	16	15	1	1.0523	1.0519	-0.0004	0.947	0.9453	0.0017
2024-02-16T11:20:04	3	0	29	27	2	0.9382	0.9389	0.0007	-0.9979	-0.9977	-0.0002
2024-02-16T11:20:23	3	0	12	11	1	1.0480	1.0472	-0.0008	0.9928	0.9927	0.0001
2024-02-16T11:20:24	1	0	29	28	1	1.0477	1.0477	0.0000	-0.9986	-0.9986	0.0000
2024-02-16T11:21:24	1	0	20	20	0	1.0239	1.0239	0.0001	0.9996	0.9997	-0.0001
2024-02-16T11:21:35	2	0	2	2	0	1.0583	1.0580	-0.0003	-0.9986	-0.9987	0.0001
2024-02-16T11:25:34	2	0	24	24	0	1.0518	1.0518	0.0000	0.9971	0.997	0.0001
2024-02-16T11:25:51	1	0	1	1	0	1.0376	1.0372	-0.0004	-0.9998	-0.9998	0.0000
2024-02-16T11:26:41	2	0	36	35	1	1.0528	1.0524	-0.0003	-1	-1	0.0000
2024-02-16T11:27:09	5	0	25	24	1	1.0366	1.0356	-0.0010	0.965	0.961	0.0040
2024-02-16T11:27:41	6	0	592	584	8	1.0656	1.0656	0.0000	1	1	0.0000
2024-02-16T11:28:05	3	0	12	12	0	1.0478	1.0477	-0.0001	0.9938	0.9937	0.0001
2024-02-16T11:29:22	1	0	11	11	0	1.0489	1.0489	-0.0001	-0.9977	-0.9978	0.0001
2024-02-16T11:29:44	1	0	3	3	0	0.9376	0.9381	0.0005	0.9829	0.9829	0.0000
2024-02-16T11:29:45	1	0	37	36	1	1.0464	1.0461	-0.0003	-0.9956	-0.9956	0.0000
2024-02-16T11:30:34	1	0	1	1	0	1.0234	1.0231	-0.0003	0.9911	0.9912	-0.0001
2024-02-16T11:30:49	4	0	17	17	0	1.0449	1.0448	0.0000	-0.9913	-0.9913	0.0000
2024-02-16T11:31:05	3	0	2	2	0	1.0677	1.0675	-0.0002	-0.98	-0.9791	-0.0009
2024-02-16T11:31:37	1	0	13	13	0	0.9538	0.9538	0.0000	0.9873	0.9873	0.0000
2024-02-16T11:31:49	9	0	5	5	0	1.0194	1.0192	-0.0002	0.9959	0.9959	0.0000
2024-02-16T11:32:18	10	0	151	144	7	1.0553	1.0553	0.0000	0.9784	0.9784	0.0000
2024-02-16T11:32:53	2	0	25	24	1	1.0502	1.0498	-0.0004	0.9114	0.9108	0.0006
2024-02-16T11:32:54	2	0	11	10	1	1.0443	1.0428	-0.0016	0.9568	0.9567	0.0001
2024-02-16T11:33:28	2	0	24	21	3	1.0501	1.0497	-0.0003	-0.9799	-0.9805	0.0006
2024-02-16T11:33:37	7	0	1	1	0	1.0355	1.0349	-0.0006	-0.9996	-0.9996	0.0000
2024-02-16T11:34:01	1	0	2	2	0	1.0358	1.0358	0.0000	-0.9962	-0.9962	0.0000
2024-02-16T11:34:42	4	0	2	2	0	1.0467	1.0467	0.0000	0.981	0.9811	-0.0001
2024-02-16T11:34:58	2	0	35	35	0	1.0553	1.0549	-0.0005	0.9653	0.964	0.0013
2024-02-16T11:35:12	2	0	13	12	1	1.0457	1.0449	-0.0008	0.9999	0.9999	0.0000
2024-02-16T11:35:29	2	0	15	14	1	1.0492	1.0484	-0.0008	0.9929	0.9928	0.0001
2024-02-16T11:35:42	2	0	5	5	0	1.0313	1.0313	-0.0001	-0.9969	-0.9968	-0.0001
2024-02-16T11:36:36	3	0	7	7	0	1.0485	1.0483	-0.0002	-0.9982	-0.9982	0.0000
2024-02-16T11:37:51	1	0	32	31	1	1.0177	1.0163	-0.0014	-0.9983	-0.9983	0.0000
2024-02-16T11:38:06	2	0	45	44	1	1.0483	1.0481	-0.0002	0.9962	0.9962	0.0000
2024-02-16T11:40:38	2	0	1	0	1	1.0075	null	null	-1	-1	0.0000
2024-02-16T11:41:04	1	0	15	14	1	1.0500	1.0494	-0.0006	0.9982	0.9982	0.0000
2024-02-16T11:41:08	1	0	367	367	0	1.0955	1.0955	0.0000	1	1	0.0000
2024-02-16T11:41:36	1	0	1	0	1	1.0553	null	null	0.9931	0.9929	0.0002
2024-02-16T11:42:26	3	0	12	12	0	1.0400	1.0400	0.0000	-0.9985	-0.9985	0.0000
2024-02-16T11:42:59	1	0	3	3	0	1.0296	1.0296	0.0000	0.9992	0.9992	0.0000
2024-02-16T11:44:46	1	0	43	42	1	1.0469	1.0467	-0.0002	-0.9952	-0.9951	-0.0001
2024-02-16T11:46:10	1	0	2	2	0	1.0703	1.0703	0.0000	-0.9888	-0.9892	0.0004
2024-02-16T11:46:38	1	0	27	27	0	0.9503	0.9503	0.0000	0.9875	0.9875	0.0000
2024-02-16T11:48:29	2	0	18	18	0	1.0492	1.0490	-0.0003	-0.996	-0.9962	0.0002
2024-02-16T11:49:02	1	0	2	2	0	1.0350	1.0350	0.0000	-0.9975	-0.9975	0.0000
2024-02-16T11:49:06	2	0	2	2	0	0.9936	0.9936	0.0000	0.9587	0.9588	-0.0001
2024-02-16T11:49:43	4	0	2	2	0	1.0453	1.0453	0.0000	0.9803	0.9804	-0.0001
2024-02-16T11:49:58	1	0	7	7	0	1.0510	1.0510	0.0000	0.9985	0.9985	0.0000
2024-02-16T11:50:01	1	0	27	26	1	1.0550	1.0548	-0.0002	0.9777	0.9773	0.0004
2024-02-16T11:50:38	7	0	33	30	3	0.9522	0.9533	0.0011	0.8579	0.846	0.0119

2024-02-16T11:56:09	1	0	363	363	0	1.0945	1.0945	0.0000	0.9999	0.9999	0.0000
2024-02-16T11:56:13	1	0	15	14	1	1.0503	1.0497	-0.0006	0.9983	0.9983	0.0000
2024-02-16T11:56:13	1	0	8	8	0	1.0510	1.0509	-0.0001	0.9942	0.9943	-0.0001
2024-02-16T11:57:27	3	0	17	17	0	1.0438	1.0438	0.0000	-0.9983	-0.9983	0.0000
2024-02-16T11:58:00	1	0	3	3	0	1.0272	1.0272	0.0000	0.9983	0.9983	0.0000
2024-02-16T12:00:40	2	0	5	5	0	1.0360	1.0362	0.0002	0.9953	0.9954	-0.0001
2024-02-16T12:02:06	9	0	4	5	-1	1.0205	1.0208	0.0003	0.9967	0.9969	-0.0002
2024-02-16T12:03:30	2	0	13	10	3	1.0514	1.0499	-0.0014	-0.9941	-0.9943	0.0002
2024-02-16T12:03:39	7	0	7	13	-6	1.0500	1.0492	-0.0009	-0.9955	-0.9954	-0.0001
2024-02-16T12:04:03	1	0	2	2	0	1.0313	1.0313	0.0000	-0.9967	-0.9967	0.0000
2024-02-16T12:04:07	2	0	4	4	0	0.9933	0.9933	0.0001	0.9711	0.9645	0.0066
2024-02-16T12:04:44	4	0	3	3	0	1.0493	1.0493	0.0000	0.9804	0.9806	-0.0002
2024-02-16T12:05:04	1	0	37	37	0	1.0559	1.0558	-0.0002	0.9696	0.9694	0.0002
2024-02-16T12:05:14	2	0	21	20	1	1.0505	1.0500	-0.0005	0.9992	0.9993	-0.0001
2024-02-16T12:05:41	2	0	17	15	2	1.0484	1.0474	-0.0010	0.9927	0.9927	0.0000
2024-02-16T12:07:44	1	0	2	2	0	1.0455	1.0450	-0.0004	0.9684	0.9679	0.0005
2024-02-16T12:07:53	1	0	27	26	1	1.0180	1.0165	-0.0015	-0.998	-0.9981	0.0001
2024-02-16T12:11:10	1	0	368	368	0	1.0967	1.0967	0.0000	0.9999	0.9999	0.0000
2024-02-16T12:11:20	1	0	18	17	1	1.0502	1.0497	-0.0005	0.9989	0.9989	0.0000
2024-02-16T12:12:44	5	0	580	579	1	1.0675	1.0675	0.0000	-1	-1	0.0000
2024-02-16T12:16:21	2	0	11	10	1	1.0473	1.0466	-0.0008	-0.9979	-0.9979	0.0000
2024-02-16T12:18:31	1	0	19	17	2	1.0505	1.0496	-0.0009	-0.9947	-0.9948	0.0001
2024-02-16T12:24:20	1	0	21	20	1	1.0557	1.0556	0.0000	-0.9867	-0.9867	0.0000
2024-02-16T12:27:36	1	0	1	0	1	1.0562	null	null	0.9985	0.9985	0.0000
2024-02-16T12:28:02	1	0	3	3	0	1.0278	1.0278	0.0000	0.997	0.9969	0.0001
2024-02-16T12:30:42	3	0	5	5	0	1.0382	1.0379	-0.0003	0.9961	0.996	0.0001
2024-02-16T12:30:54	4	0	5	5	0	1.0580	1.0580	0.0000	-0.9999	-0.9999	0.0000
2024-02-16T12:32:30	2	0	19	18	1	1.0503	1.0500	-0.0003	-0.9414	-0.9412	-0.0002
2024-02-16T12:35:25	1	0	146	156	-10	0.9415	0.9382	-0.0033	0.9238	0.9341	-0.0103
2024-02-16T12:46:14	3	0	2	3	-1	1.0696	1.0651	-0.0045	-0.9013	-0.9064	0.0051
2024-02-16T12:47:20	1	0	2	2	0	1.0399	1.0398	-0.0001	0.9795	0.9795	0.0000
2024-02-16T12:50:47	1	0	2	2	0	0.9838	0.9838	-0.0001	-0.9995	-0.9995	0.0000
2024-02-16T12:51:41	3	0	2	2	0	1.0624	1.0623	-0.0001	-0.9976	-0.9976	0.0000
2024-02-16T12:56:43	1	0	1	2	-1	1.0654	1.0608	-0.0046	0.9916	0.9917	-0.0001
2024-02-16T12:57:31	2	0	14	14	0	1.0488	1.0488	0.0000	-0.9978	-0.9979	0.0001
2024-02-16T13:02:21	1	0	3	3	0	1.0411	1.0411	-0.0001	0.9782	0.9781	0.0001
2024-02-16T13:14:29	2	0	42	40	2	1.0501	1.0499	-0.0003	-0.9948	-0.9948	0.0000
2024-02-16T13:17:22	1	0	3	2	1	0.9913	1.0177	0.0264	0.9782	0.9782	0.0000
2024-02-16T13:18:39	5	0	49	48	1	1.0538	1.0536	-0.0002	0.9938	0.9937	0.0001
2024-02-16T13:20:49	2	0	1	1	0	0.9436	0.9436	0.0000	-0.9992	-0.9991	-0.0001
2024-02-16T13:22:58	1	0	22	22	0	1.0033	1.0032	-0.0001	-0.9994	-0.9994	0.0000
2024-02-16T13:26:45	1	0	3	3	0	1.0518	1.0517	-0.0001	0.9913	0.9912	0.0001
2024-02-16T13:28:13	3	0	9	9	0	1.0482	1.0482	0.0000	0.9829	0.9831	-0.0002
2024-02-16T13:29:53	5	0	13	12	1	1.0535	1.0521	-0.0014	0.9782	0.978	0.0002
2024-02-16T13:33:36	1	0	11	10	1	1.0494	1.0486	-0.0008	-0.9928	-0.9929	0.0001
2024-02-16T13:35:12	1	0	40	40	0	1.0560	1.0560	-0.0001	0.983	0.9828	0.0002
2024-02-16T13:36:12	2	0	25	23	2	1.0504	1.0496	-0.0007	0.9947	0.9946	0.0001
2024-02-16T13:43:24	1	0	1	1	0	1.0291	1.0285	-0.0006	0.9928	0.9927	0.0001
2024-02-16T13:44:39	2	0	107	102	5	1.0539	1.0538	-0.0001	-0.9924	-0.9924	0.0000
2024-02-16T13:44:56	3	0	37	36	1	1.0556	1.0554	-0.0002	0.9797	0.9796	0.0001
2024-02-16T13:45:20	2	0	150	149	1	1.0547	1.0547	0.0000	0.9979	0.9979	0.0000
2024-02-16T13:45:47	2	0	5	5	0	1.0368	1.0369	0.0001	0.996	0.9961	-0.0001
2024-02-16T13:46:46	2	0	1	1	0	1.0557	1.0550	-0.0007	-0.9981	-0.9981	0.0000
2024-02-16T13:48:37	1	0	13	13	0	1.0485	1.0483	-0.0003	-0.9933	-0.9935	0.0002
2024-02-16T13:48:46	1	0	14	13	1	1.0529	1.0519	-0.0009	-0.9906	-0.9906	0.0000
2024-02-16T13:51:31	2	0	11	10	1	1.0470	1.0462	-0.0008	0.9586	0.9586	0.0000
2024-02-16T13:59:47	1	0	138	135	3	1.0545	1.0544	-0.0001	-0.9908	-0.9909	0.0001
2024-02-16T14:01:11	2	0	2	2	0	1.0274	1.0268	-0.0006	0.9661	0.9656	0.0005
2024-02-16T14:03:38	2	0	11	11	0	1.0491	1.0487	-0.0004	-0.9953	-0.9956	0.0003
2024-02-16T14:04:49	1	0	1	0	1	1.0570	null	null	0.9802	0.9802	0.0000
2024-02-16T14:05:14	3	0	40	38	2	1.0561	1.0560	-0.0001	0.9851	0.9843	0.0008
2024-02-16T14:05:15	13	0	1	0	1	1.0645	null	null	-0.9853	-0.9856	0.0003
2024-02-16T14:05:49	1	0	13	13	0	1.0258	1.0257	-0.0001	0.8578	0.857	0.0008
2024-02-16T14:08:01	1	0	36	34	2	1.0513	1.0508	-0.0005	-0.9984	-0.9984	0.0000
2024-02-16T14:09:39	2	0	4	4	0	1.0017	1.0014	-0.0003	0.9557	0.9553	0.0004
2024-02-16T14:11:46	1	0	2	2	0	1.0520	1.0520	-0.0001	0.9905	0.9904	0.0001
2024-02-16T14:11:48	1	0	3	3	0	1.0518	1.0517	-0.0001	0.9886	0.9885	0.0001
2024-02-16T14:12:13	2	0	2	3	-1	1.0483	1.0507	0.0024	0.9989	0.999	-0.0001
2024-02-16T14:12:24	1	0	1	1	0	0.9886	0.9889	0.0003	-0.9966	-0.9966	0.0000
2024-02-16T14:13:46	3	0	85	84	1	1.0573	1.0572	-0.0001	0.9973	0.9973	0.0000
2024-02-16T14:13:52	3	0	2	3	-1	1.0438	1.0387	-0.0051	0.9974	0.9975	-0.0001
2024-02-16T14:14:43	1	0	5	5	0	1.0338	1.0337	-0.0001	0.9949	0.9948	0.0001
2024-02-16T14:14:48	2	0	45	45	0	1.0502	1.0501	0.0000	-0.9929	-0.9929	0.0000
2024-02-16T14:15:03	1	0	35	34	1	1.0556	1.0554	-0.0001	0.9799	0.9799	0.0000
2024-02-16T14:15:22	1	0	140	138	2	1.0541	1.0540	0.0000	0.998	0.998	0.0000
2024-02-16T14:15:49	2	0	5	5	0	1.0386	1.0387	0.0001	0.9968	0.9968	0.0000
2024-02-16T14:16:12	2	0	3	3	0	1.0288	1.0286	-0.0001	0.9657	0.9655	0.0002
2024-02-16T14:16:31	2	0	7	8	-1	1.0502	1.0510	0.0007	0.9957	0.9957	0.0000
2024-02-16T14:16:37	1	0	2	2	0	1.0353	1.0352	-0.0001	0.9901	0.9899	0.0002
2024-02-16T14:17:26	1	0	2	3	-1	1.0313	1.0025	-0.0288	0.9781	0.978	0.0001
2024-02-16T14:17:28	4	0	6	6	0	1.0246	1.0241	-0.0004	0.9974	0.9973	0.0001
2024-02-16T14:17:49	1	0	53	52	1	1.0540	1.0540	0.0000	0.9987	0.9987	0.0000
2024-02-16T14:18:05	1	0	36	35	1	1.0516	1.0515	-0.0001	0.9631	0.963	0.0001
2024-02-16T14:18:39	2	0	14	14	0	1.0490	1.0486	-0.0004	-0.9937	-0.9941	0.0004
2024-02-16T14:18:48	2	0	1	1	0	0.9430	0.9433	0.0003	0.9998	0.9998	0.0000

2024-02-16T14:19:10	2	0	50	49	1	1.0579	1.0580	0.0000	0.9984	0.9984	0.0000
2024-02-16T14:19:50	2	0	1	0	1	1.0276	null	null	0.981	0.9807	0.0003
2024-02-16T14:20:15	2	0	41	41	0	1.0571	1.0570	-0.0001	0.9905	0.9902	0.0003
2024-02-16T14:20:23	3	0	21	20	1	1.0473	1.0481	0.0007	0.9998	0.9998	0.0000
2024-02-16T14:20:36	5	0	41	41	0	1.0477	1.0476	-0.0001	-0.9966	-0.9967	0.0001
2024-02-16T14:20:58	1	0	2	2	0	0.9866	0.9864	-0.0002	-0.999	-0.9989	-0.0001
2024-02-16T14:21:47	2	0	14	14	0	1.0473	1.0471	-0.0002	-0.9984	-0.9985	0.0001
2024-02-16T14:22:54	1	0	4	5	-1	1.0461	1.0459	-0.0002	0.9702	0.9702	0.0000
2024-02-16T14:23:02	1	0	12	11	1	1.0432	1.0418	-0.0014	-0.9987	-0.9987	0.0000
2024-02-16T14:24:43	1	0	6	6	0	1.0008	1.0009	0.0000	0.9565	0.9564	0.0001
2024-02-16T14:26:23	1	0	5	5	0	1.0596	1.0595	-0.0001	0.9928	0.9928	0.0000
2024-02-16T14:26:47	1	0	1	1	0	1.0563	1.0562	-0.0001	0.99	0.9899	0.0001
2024-02-16T14:26:49	1	0	2	2	0	1.0521	1.0520	-0.0001	0.9915	0.9915	0.0000
2024-02-16T14:27:11	1	0	8	8	0	1.0488	1.0486	-0.0002	0.9994	0.9993	0.0001
2024-02-16T14:27:22	2	0	3	3	0	1.0433	1.0433	0.0000	0.999	0.999	0.0000
2024-02-16T14:27:25	3	0	1	1	0	0.9851	0.9858	0.0007	-0.9999	-0.9999	0.0000
2024-02-16T14:27:39	1	0	16	15	1	1.0504	1.0501	-0.0003	-0.9998	-0.9998	0.0000
2024-02-16T14:28:11	2	0	11	11	0	1.0422	1.0422	0.0000	0.9758	0.9757	0.0001
2024-02-16T14:28:30	1	0	2	2	0	1.0339	1.0332	-0.0008	0.9939	0.9938	0.0001
2024-02-16T14:28:47	3	0	113	111	2	1.0565	1.0564	-0.0001	0.9988	0.9988	0.0000
2024-02-16T14:28:53	3	0	2	2	0	1.0276	1.0265	-0.0011	0.9973	0.9971	0.0002
2024-02-16T14:29:17	2	0	25	25	0	1.0485	1.0484	-0.0001	-0.9919	-0.992	0.0001
2024-02-16T14:29:34	1	0	11	11	0	1.0384	1.0382	-0.0002	0.9995	0.9995	0.0000
2024-02-16T14:30:04	1	0	24	23	1	1.0545	1.0544	-0.0001	0.9813	0.9813	0.0000
2024-02-16T14:30:23	4	0	179	174	5	1.0549	1.0550	0.0001	0.9978	0.9977	0.0001
2024-02-16T14:31:13	2	0	3	3	0	1.0253	1.0251	-0.0002	0.9672	0.967	0.0002
2024-02-16T14:31:32	2	0	9	9	0	1.0486	1.0485	-0.0001	0.9962	0.9962	0.0000
2024-02-16T14:31:42	1	0	2	2	0	1.0376	1.0373	-0.0003	0.9864	0.9863	0.0001
2024-02-16T14:32:37	11	0	7	7	0	1.0224	1.0217	-0.0006	0.9969	0.9966	0.0003
2024-02-16T14:32:50	3	0	49	45	4	1.0537	1.0539	0.0002	0.999	0.9989	0.0001
2024-02-16T14:33:40	2	0	21	18	3	1.0512	1.0493	-0.0019	-0.9933	-0.996	0.0027
2024-02-16T14:33:49	7	0	16	13	3	1.0512	1.0517	0.0005	-0.9923	-0.9926	0.0003
2024-02-16T14:34:53	2	0	1	0	1	1.0275	null	null	0.9821	0.9819	0.0002
2024-02-16T14:35:09	1	0	6	6	0	1.0512	1.0512	0.0000	0.9964	0.9963	0.0001
2024-02-16T14:35:16	3	0	45	45	0	1.0567	1.0565	-0.0002	0.981	0.9799	0.0011
2024-02-16T14:35:17	8	0	1	1	0	1.0487	1.0474	-0.0013	-0.9861	-0.9861	0.0000
2024-02-16T14:35:24	1	0	28	27	1	1.0521	1.0518	-0.0002	-0.9999	-0.9999	0.0000
2024-02-16T14:35:42	2	0	48	46	2	1.0482	1.0481	0.0000	-0.9956	-0.9956	0.0000
2024-02-16T14:35:49	1	0	95	97	-2	1.0591	1.0591	0.0000	-0.9704	-0.9719	0.0015
2024-02-16T14:35:53	7	0	14	13	1	1.0270	1.0252	-0.0018	0.8557	0.8541	0.0016
2024-02-16T14:35:55	2	0	1	1	0	1.0570	1.0562	-0.0008	0.9921	0.9916	0.0005
2024-02-16T14:35:59	1	0	1	1	0	1.0302	1.0302	0.0000	-0.9989	-0.9989	0.0000
2024-02-16T14:36:35	2	0	402	395	7	1.0628	1.0628	0.0000	-0.9777	-0.9778	0.0001
2024-02-16T14:36:37	3	0	44	44	0	1.0691	1.0690	-0.0001	-1	1	0.0000
2024-02-16T14:36:48	1	0	4	4	0	1.0489	1.0489	0.0000	-0.9986	-0.9996	0.0010
2024-02-16T14:37:50	1	0	2	2	0	1.0539	1.0537	-0.0003	-0.9997	-0.9997	0.0000
2024-02-16T14:37:55	1	0	6	6	0	1.0466	1.0465	-0.0001	0.9705	0.9703	0.0002
2024-02-16T14:38:03	1	0	19	18	1	1.0412	1.0401	-0.0010	-0.9985	-0.9985	0.0000
2024-02-16T14:39:30	1	0	32	32	0	1.0567	1.0567	0.0000	-0.961	-0.9616	0.0006
2024-02-16T14:39:49	2	0	6	6	0	1.0025	1.0024	-0.0001	0.9524	0.9521	0.0003
2024-02-16T14:41:24	1	0	1	1	0	1.0629	1.0629	0.0000	0.9926	0.9927	-0.0001
2024-02-16T14:41:48	1	0	2	2	0	1.0531	1.0531	0.0000	0.9912	0.9912	0.0000
2024-02-16T14:41:50	1	0	7	7	0	1.0485	1.0485	0.0000	0.9913	0.9913	0.0000
2024-02-16T14:42:12	1	0	9	9	0	1.0465	1.0465	0.0000	0.9996	0.9996	0.0000
2024-02-16T14:42:22	1	0	42	42	0	1.0486	1.0486	0.0000	0.9639	0.9639	0.0000
2024-02-16T14:42:26	3	0	1	1	0	0.9845	0.9846	0.0001	-0.9996	-0.9996	0.0000
2024-02-16T14:42:33	2	0	2	2	0	1.0467	1.0467	0.0000	0.9987	0.9987	0.0000
2024-02-16T14:42:43	1	0	1	0	1	1.0117	null	null	0.9702	0.9702	0.0000
2024-02-16T14:42:55	8	0	637	626	11	1.0683	1.0682	0.0000	-0.9998	-0.9998	0.0000
2024-02-16T14:43:11	1	0	1	0	1	0.9448	null	null	0.988	0.988	0.0000
2024-02-16T14:43:12	3	0	10	10	0	1.0447	1.0447	-0.0001	0.9795	0.9794	0.0001
2024-02-16T14:43:48	2	0	67	66	1	1.0535	1.0534	0.0000	0.9982	0.9982	0.0000
2024-02-16T14:44:06	1	0	5	5	0	1.0520	1.0519	-0.0002	0.9987	0.9987	0.0000
2024-02-16T14:44:07	2	0	7	7	0	1.0211	1.0211	-0.0001	0.9997	0.9996	0.0001
2024-02-16T14:44:23	1	0	1	1	0	1.0456	1.0454	-0.0002	-0.9329	-0.9328	-0.0001
2024-02-16T14:44:36	1	0	4	4	0	1.0355	1.0355	-0.0001	0.9732	0.9731	0.0001
2024-02-16T14:44:45	1	0	2	2	0	1.0327	1.0327	-0.0001	0.9969	0.9969	0.0000
2024-02-16T14:44:51	2	0	148	147	1	1.0548	1.0547	0.0000	-0.989	-0.9891	0.0001
2024-02-16T14:44:53	4	0	655	656	-1	0.8666	0.8667	0.0001	0.9343	0.9339	0.0004
2024-02-16T14:45:09	4	0	38	36	2	1.0557	1.0556	-0.0001	0.9803	0.9802	0.0001
2024-02-16T14:46:14	2	0	1	1	0	1.0292	1.0286	-0.0006	0.9673	0.9667	0.0006
2024-02-16T14:46:24	2	0	2	2	0	1.0667	1.0661	-0.0006	-0.7664	-0.7331	-0.0333
2024-02-16T14:46:33	2	0	5	5	0	1.0447	1.0447	0.0000	0.996	0.996	0.0000
2024-02-16T14:47:15	2	0	27	26	1	1.0482	1.0479	-0.0003	0.9978	0.9978	0.0000
2024-02-16T14:47:47	1	0	6	6	0	1.0190	1.0189	-0.0002	0.996	0.9959	0.0001
2024-02-16T14:48:41	1	0	13	13	0	1.0485	1.0480	-0.0005	-0.994	-0.9945	0.0005
2024-02-16T14:48:51	3	0	17	16	1	1.0493	1.0491	-0.0002	-0.9939	-0.994	0.0001
2024-02-16T14:49:12	2	0	114	114	0	1.0558	1.0558	0.0000	0.998	0.998	0.0000
2024-02-16T14:49:17	2	0	55	53	2	1.0590	1.0590	0.0000	0.9935	0.9935	0.0000
2024-02-16T14:49:54	2	0	1	1	0	1.0263	1.0260	-0.0003	0.9821	0.9819	0.0002
2024-02-16T14:50:17	1	0	36	35	1	1.0570	1.0569	-0.0001	0.9847	0.9848	-0.0001
2024-02-16T14:50:25	2	0	27	27	0	1.0510	1.0510	0.0000	-1	-1	0.0000
2024-02-16T14:50:52	4	0	59	57	2	1.0470	1.0477	0.0007	-0.9949	-0.9949	0.0000
2024-02-16T14:50:59	1	0	34	31	3	0.9855	0.9949	0.0094	0.8601	0.8471	0.0130
2024-02-16T14:51:38	1	0	44	44	0	1.0685	1.0683	-0.0002	1	1	0.0000

2024-02-16T14:51:49	2	0	429	424	5	1.0631	1.0630	0.0000	-0.9776	-0.9776	0.0000
2024-02-16T14:52:56	1	0	9	9	0	1.0484	1.0483	0.0000	0.9701	0.9701	0.0000
2024-02-16T14:53:45	1	0	186	184	2	1.0540	1.0540	0.0000	0.9927	0.9927	0.0000
2024-02-16T14:57:31	1	0	3	3	0	1.0077	1.0076	-0.0002	0.9715	0.9714	0.0001
2024-02-16T14:58:36	2	0	4	4	0	1.0303	1.0301	-0.0002	0.9946	0.9945	0.0001
2024-02-16T14:58:55	3	0	2	2	0	1.0288	1.0285	-0.0003	0.9978	0.9977	0.0001
2024-02-16T14:59:43	6	0	17	17	0	1.0366	1.0365	-0.0001	0.9994	0.9995	-0.0001
2024-02-16T15:00:25	2	0	185	185	0	1.0553	1.0553	0.0000	0.998	0.998	0.0000
2024-02-16T15:00:52	2	0	5	5	0	1.0372	1.0372	0.0001	0.9952	0.9952	0.0000
2024-02-16T15:02:23	2	0	21	21	0	1.0487	1.0481	-0.0005	0.9994	0.9994	0.0000
2024-02-16T15:03:42	1	0	18	16	2	1.0501	1.0490	-0.0011	-0.9937	-0.9941	0.0004
2024-02-16T15:04:55	1	0	1	1	0	1.0299	1.0295	-0.0004	0.9816	0.9814	0.0002
2024-02-16T15:05:18	1	0	55	53	2	1.0577	1.0577	0.0000	0.9954	0.995	0.0004
2024-02-16T15:06:01	1	0	70	68	2	1.0507	1.0506	0.0000	-0.9929	-0.9929	0.0000
2024-02-16T15:06:39	1	0	43	43	0	1.0675	1.0673	-0.0002	0.9999	0.9999	0.0000
2024-02-16T15:08:05	1	0	27	22	5	1.0427	1.0405	-0.0022	-0.9993	-0.9993	0.0000
2024-02-16T15:15:10	1	0	146	146	0	1.0553	1.0553	0.0000	-0.9895	-0.9898	0.0003
2024-02-16T15:17:30	1	0	2	3	-1	1.0322	1.0031	-0.0291	0.979	0.9791	-0.0001
2024-02-16T15:18:06	1	0	7	7	0	1.0226	1.0225	-0.0002	0.9971	0.9971	0.0000
2024-02-16T15:18:43	1	0	10	10	0	1.0481	1.0476	-0.0005	-0.9939	-0.9943	0.0004
2024-02-16T15:19:56	2	0	1	0	1	1.0266	null	null	0.9834	0.9834	0.0000
2024-02-16T15:20:19	1	0	77	72	5	1.0574	1.0574	0.0000	0.9942	0.9938	0.0004
2024-02-16T15:21:07	1	0	16	16	0	1.0304	1.0303	-0.0001	0.8622	0.8616	0.0006
2024-02-16T15:21:40	1	0	42	42	0	1.0670	1.0669	-0.0001	1	1	0.0000
2024-02-16T15:26:07	1	0	55	53	2	0.9359	0.9365	0.0006	0.9913	0.9914	-0.0001
2024-02-16T15:26:58	1	0	3	1	2	1.0486	1.0452	-0.0034	0.9868	0.9867	0.0001
2024-02-16T15:27:46	1	0	3	3	0	0.9642	0.9641	-0.0001	0.9702	0.9701	0.0001
2024-02-16T15:28:15	1	0	18	17	1	1.0522	1.0508	-0.0014	0.9859	0.9858	0.0001
2024-02-16T15:32:04	1	0	2	2	0	1.0382	1.0380	-0.0002	0.9976	0.9975	0.0001
2024-02-16T15:33:44	1	0	13	11	2	1.0491	1.0476	-0.0015	-0.9951	-0.9972	0.0021
2024-02-16T15:34:57	2	0	2	2	0	1.0271	1.0269	-0.0002	0.9837	0.9835	0.0002
2024-02-16T15:35:20	1	0	62	55	7	1.0574	1.0576	0.0002	0.9939	0.9934	0.0005
2024-02-16T15:36:41	1	0	38	38	0	1.0652	1.0650	-0.0001	0.9999	0.9998	0.0001
2024-02-16T15:41:28	3	0	26	26	0	1.0501	1.0500	-0.0001	0.9976	0.9976	0.0000
2024-02-16T15:48:45	1	0	19	18	1	1.0498	1.0495	-0.0003	-0.995	-0.9953	0.0003
2024-02-16T15:48:45	2	0	1	1	0	0.9883	0.9897	0.0014	0.9662	0.9666	-0.0004
2024-02-16T15:50:21	1	0	69	61	8	1.0574	1.0576	0.0002	0.9966	0.9963	0.0003
2024-02-16T15:51:11	1	0	25	24	1	0.9687	0.9706	0.0019	0.8606	0.8476	0.0130
2024-02-16T15:51:42	1	0	37	37	0	1.0667	1.0665	-0.0002	0.9999	0.9999	0.0000
2024-02-16T15:56:25	1	0	44	44	0	0.9566	0.9572	0.0006	0.997	0.997	0.0000
2024-02-16T15:58:00	5	0	3	3	0	1.0489	1.0473	-0.0016	0.9909	0.9908	0.0001
2024-02-16T16:03:46	1	0	16	15	1	1.0492	1.0489	-0.0002	-0.9947	-0.9949	0.0002
2024-02-16T16:06:14	1	0	9	9	0	1.0117	1.0116	-0.0001	0.8643	0.8639	0.0004
2024-02-16T16:06:43	1	0	37	37	0	1.0611	1.0610	-0.0001	0.9999	0.9999	0.0000
2024-02-16T16:07:06	4	0	62	59	3	1.0481	1.0482	0.0001	0.9838	0.984	-0.0002
2024-02-16T16:17:34	2	0	1	1	0	1.0129	1.0123	-0.0006	0.9809	0.9808	0.0001
2024-02-16T16:18:47	1	0	8	8	0	1.0483	1.0479	-0.0004	-0.9965	-0.9966	0.0001
2024-02-16T16:19:58	2	0	95	95	0	1.0567	1.0566	0.0000	-0.9952	-0.9952	0.0000
2024-02-16T16:21:44	1	0	37	37	0	1.0597	1.0596	-0.0001	1	1	0.0000
2024-02-16T16:30:05	1	0	18	16	2	0.9427	0.9425	-0.0002	0.9832	0.9832	0.0000
2024-02-16T16:36:45	1	0	37	37	0	1.0607	1.0607	0.0000	1	1	0.0000
2024-02-16T16:39:47	7	0	9	9	0	1.0361	1.0358	-0.0003	0.995	0.9949	0.0001
2024-02-16T16:48:49	1	0	5	5	0	1.0456	1.0454	-0.0002	-0.9971	-0.9955	-0.0016
2024-02-16T17:02:03	1	0	114	113	1	0.9407	0.9407	0.0000	0.9853	0.9853	0.0000
2024-02-16T17:03:38	1	0	15	3	12	0.9434	0.9441	0.0007	0.9935	0.9936	-0.0001
2024-02-16T17:03:51	1	0	3	2	1	1.0454	1.0454	-0.0001	-0.9971	-0.9971	0.0000
2024-02-16T17:17:04	1	0	128	127	1	0.9394	0.9395	0.0000	0.9855	0.9855	0.0000
2024-02-16T17:33:53	1	0	52	51	1	0.9370	0.9372	0.0002	0.9851	0.9851	0.0000
2024-02-16T17:48:54	2	0	1445	1445	0	0.5761	0.5761	0.0000	0.6289	0.6311	-0.0022
2024-02-16T17:57:58	1	0	218	217	1	0.9331	0.9331	0.0000	0.9712	0.9712	0.0000
2024-02-17T07:50:04	2	0	19	19	0	0.9424	0.9425	0.0002	-0.983	-0.9821	-0.0009
2024-02-17T07:55:53	1	0	43	43	0	0.9425	0.9426	0.0001	0.998	0.998	0.0000
2024-02-17T08:01:51	3	0	44	44	0	0.9503	0.9503	0.0000	0.998	0.998	0.0000
2024-02-17T08:03:16	1	0	1434	1434	0	0.5946	0.5946	0.0000	0.6497	0.6496	0.0001
2024-02-17T08:06:29	1	0	16	16	0	0.9706	0.9707	0.0001	1	1	0.0000
2024-02-17T08:18:02	1	0	93	93	0	0.9330	0.9331	0.0001	0.9952	0.9952	0.0000
2024-02-17T08:31:25	1	0	131	131	0	0.9372	0.9373	0.0000	0.9866	0.9866	0.0000
2024-02-17T08:36:31	1	0	11	11	0	0.9605	0.9607	0.0002	0.9999	0.9999	0.0000
2024-02-17T08:36:36	4	0	86	85	1	0.9562	0.9565	0.0003	0.9995	0.9995	0.0000
2024-02-17T08:51:32	1	0	4	4	0	0.9684	0.9686	0.0002	-1	-1	0.0000
2024-02-17T08:51:41	1	0	82	82	0	0.9513	0.9514	0.0001	0.9994	0.9995	-0.0001
2024-02-17T09:03:05	1	0	85	85	0	0.9342	0.9342	0.0000	0.9948	0.9947	0.0001
2024-02-17T09:03:49	1	0	107	106	1	0.9406	0.9406	0.0001	0.9954	0.9928	0.0026
2024-02-17T09:05:09	2	0	76	72	4	0.9402	0.9404	0.0002	-0.9916	-0.9909	-0.0007
2024-02-17T09:06:33	2	0	21	20	1	0.9353	0.9365	0.0013	0.9999	0.9999	0.0000
2024-02-17T09:06:46	3	0	86	75	11	0.9499	0.9504	0.0005	0.9994	0.9995	-0.0001
2024-02-17T09:10:58	1	0	107	107	0	0.9363	0.9364	0.0001	0.9964	0.9964	0.0000
2024-02-17T09:13:51	2	0	1	0	1	0.9446	null	null	-0.9966	-0.9965	-0.0001
2024-02-17T09:18:06	1	0	75	75	0	0.9379	0.9380	0.0002	0.9945	0.9944	0.0001
2024-02-17T09:18:21	2	0	1430	1430	0	0.5871	0.5870	0.0000	0.6408	0.6427	-0.0019
2024-02-17T09:20:09	1	0	5	5	0	1.0309	1.0307	-0.0002	0.9944	0.992	0.0024
2024-02-17T09:21:34	1	0	10	10	0	0.9596	0.9599	0.0003	1	-1	0.0000
2024-02-17T09:21:37	1	0	1	1	0	0.9445	0.9449	0.0004	-0.9993	-0.9984	-0.0009
2024-02-17T09:22:35	1	0	1	1	0	0.9661	0.9664	0.0003	0.9935	0.9936	-0.0001
2024-02-17T09:24:11	2	0	1	1	0	1.0383	1.0377	-0.0006	0.9944	0.9942	0.0002

2024-02-17T09:29:36	1	0	121	118	3	0.9362	0.9363	0.0001	0.9796	0.979	0.0006
2024-02-17T09:30:28	1	0	1	1	0	0.9586	0.9595	0.0009	0.9971	0.9971	0.0000
2024-02-17T09:31:38	1	0	1	1	0	1.0406	1.0402	-0.0004	-0.9998	-0.9998	0.0000
2024-02-17T09:32:13	1	0	9	9	0	0.9460	0.9463	0.0003	0.9811	0.9812	-0.0001
2024-02-17T09:32:25	1	0	4	4	0	1.0029	1.0029	0.0001	-0.9947	-0.9946	-0.0001
2024-02-17T09:45:31	1	0	9	9	0	0.9504	0.9510	0.0007	0.9998	0.9998	0.0000
2024-02-17T09:45:51	1	0	11	11	0	1.0267	1.0266	-0.0001	-0.9986	-0.9986	0.0000
2024-02-17T09:46:10	1	0	1	0	1	0.9894	null	null	-0.9806	-0.98	-0.0006
2024-02-17T09:48:31	3	0	2	2	0	1.0343	1.0333	-0.0010	-0.9847	-0.9848	0.0001
2024-02-17T09:50:11	3	0	18	15	3	1.0360	1.0393	0.0033	0.9928	0.994	-0.0012
2024-02-17T09:52:01	2	0	24	24	0	0.9736	0.9737	0.0001	0.9996	0.9996	0.0000
2024-02-17T09:52:37	1	0	1	1	0	0.9650	0.9656	0.0006	0.9942	0.9944	-0.0002
2024-02-17T09:58:10	2	0	6	5	1	0.9606	0.9637	0.0031	-0.9937	-0.9936	-0.0001
2024-02-17T09:58:54	1	0	1	1	0	1.0603	1.0601	-0.0002	-0.9961	-0.9961	0.0000
2024-02-17T10:00:39	1	0	14	13	1	1.0477	1.0484	0.0006	0.9941	0.9941	0.0000
2024-02-17T10:00:53	2	0	9	9	0	1.0283	1.0283	-0.0001	-0.9967	-0.9973	0.0006
2024-02-17T10:00:56	1	0	1	1	0	0.9441	0.9445	0.0004	0.9916	0.9917	-0.0001
2024-02-17T10:01:11	2	0	1	1	0	0.9851	0.9857	0.0006	-0.9801	-0.9795	-0.0006
2024-02-17T10:04:48	1	0	106	106	0	0.9316	0.9316	0.0000	0.9743	0.976	-0.0017
2024-02-17T10:05:33	1	0	4	4	0	0.9751	0.9749	-0.0002	-0.996	-0.9959	-0.0001
2024-02-17T10:07:08	3	0	27	26	1	1.0057	1.0121	0.0064	0.9994	0.9995	-0.0001
2024-02-17T10:09:07	1	0	1	1	0	0.9827	0.9830	0.0003	0.9826	0.9826	0.0000
2024-02-17T10:12:07	1	0	1	1	0	0.9882	0.9886	0.0004	-0.9941	-0.994	-0.0001
2024-02-17T10:14:39	1	0	21	20	1	1.0532	1.0530	-0.0002	0.9842	0.9842	0.0000
2024-02-17T10:14:39	1	0	64	64	0	0.9312	0.9312	0.0000	0.9803	0.9801	0.0002
2024-02-17T10:15:07	5	0	2	1	1	1.0368	1.0550	0.0182	0.9951	0.995	0.0001
2024-02-17T10:15:53	3	0	14	14	0	1.0351	1.0350	-0.0001	-0.9965	-0.9971	0.0006
2024-02-17T10:21:19	2	0	16	15	1	0.9478	0.9481	0.0002	0.9976	0.9975	0.0001
2024-02-17T10:24:21	3	0	11	11	0	1.0365	1.0363	-0.0001	0.9757	0.9758	-0.0001
2024-02-17T10:27:45	1	0	105	105	0	1.0564	1.0564	0.0000	0.9999	0.9999	0.0000
2024-02-17T10:29:40	1	0	19	18	1	1.0533	1.0531	-0.0003	0.9848	0.9847	0.0001
2024-02-17T10:30:37	1	0	68	68	0	0.9543	0.9545	0.0002	0.9904	0.9902	0.0002
2024-02-17T10:31:33	1	0	126	125	1	0.9372	0.9373	0.0001	0.9852	0.9852	0.0000
2024-02-17T10:32:11	1	0	20	20	0	0.9425	0.9475	0.0050	0.9851	0.9851	0.0000
2024-02-17T10:32:43	1	0	3	3	0	1.0340	1.0337	-0.0003	0.9696	0.9694	0.0002
2024-02-17T10:33:34	3	0	2	2	0	1.0376	1.0369	-0.0007	-0.9857	-0.9859	0.0002
2024-02-17T10:34:38	4	0	4	4	0	1.0488	1.0480	-0.0008	0.9989	0.9988	0.0001
2024-02-17T10:34:51	2	0	103	103	0	0.9471	0.9469	-0.0002	0.9717	0.9717	0.0000
2024-02-17T10:35:19	1	0	27	26	1	0.9962	0.9964	0.0002	0.9923	0.9923	0.0000
2024-02-17T10:36:50	1	0	3	3	0	0.9438	0.9442	0.0004	-0.9914	-0.9912	-0.0002
2024-02-17T10:37:18	1	0	163	161	2	0.9810	0.9812	0.0002	0.9995	0.9995	0.0000
2024-02-17T10:40:40	1	0	45	45	0	0.9350	0.9354	0.0004	0.9731	0.9732	-0.0001
2024-02-17T10:40:46	1	0	1	1	0	1.0287	1.0283	-0.0004	-0.9988	-0.9988	0.0000
2024-02-17T10:42:26	1	0	3	3	0	1.0308	1.0306	-0.0002	0.996	0.9959	0.0001
2024-02-17T10:42:54	1	0	3	3	0	1.0557	1.0555	-0.0002	0.9935	0.9935	0.0000
2024-02-17T10:43:36	1	0	1	1	0	1.0340	1.0327	-0.0013	-0.9843	-0.9843	0.0000
2024-02-17T10:43:57	1	0	3	3	0	0.9849	0.9851	0.0002	-0.9963	-0.9962	-0.0001
2024-02-17T10:45:42	1	0	18	18	0	1.0482	1.0481	0.0000	0.9946	0.9945	0.0001
2024-02-17T10:47:05	4	0	1	0	1	1.0339	null	null	0.9995	0.9995	0.0000
2024-02-17T10:47:18	1	0	2	2	0	1.0080	1.0076	-0.0005	0.9875	0.9874	0.0001
2024-02-17T10:48:12	1	0	4	3	1	0.9442	0.9445	0.0002	0.9934	0.9933	0.0001
2024-02-17T10:50:10	1	0	12	12	0	1.0457	1.0456	-0.0001	0.9999	0.9999	0.0000
2024-02-17T10:51:06	2	0	1	1	0	1.0214	1.0208	-0.0006	-1	1	0.0000
2024-02-17T10:51:21	1	0	17	15	2	0.9533	0.9472	-0.0061	0.9974	0.9974	0.0000
2024-02-17T10:51:28	1	0	3	2	1	0.9555	0.9614	0.0059	0.9774	0.9776	-0.0002
2024-02-17T10:55:13	4	0	44	38	6	0.9383	0.9375	-0.0008	-0.9971	-0.9968	-0.0003
2024-02-17T10:55:49	1	0	5	5	0	0.9414	0.9417	0.0003	0.9984	0.9984	0.0000
2024-02-17T10:57:29	1	0	1	0	1	1.0556	null	null	-0.9958	-0.9958	0.0000
2024-02-17T10:57:50	1	0	160	153	7	1.0573	1.0574	0.0001	-1	1	0.0000
2024-02-17T10:59:12	2	0	5	5	0	1.0459	1.0459	-0.0001	-0.9979	-0.9979	0.0000
2024-02-17T11:00:10	1	0	2	2	0	0.9436	0.9440	0.0004	0.9937	0.9938	-0.0001
2024-02-17T11:01:17	2	0	5	5	0	1.0246	1.0244	-0.0002	-0.9982	-0.9982	0.0000
2024-02-17T11:02:13	1	0	31	30	1	0.9490	0.9450	-0.0040	0.9848	0.9848	0.0000
2024-02-17T11:02:41	1	0	25	25	0	0.9661	0.9661	0.0000	0.9387	0.9384	0.0003
2024-02-17T11:03:57	1	0	59	59	0	0.9421	0.9421	0.0000	0.9944	0.9944	0.0000
2024-02-17T11:04:13	1	0	3	3	0	1.0046	1.0043	-0.0003	0.9815	0.9814	0.0001
2024-02-17T11:05:17	2	0	264	263	1	0.9240	0.9241	0.0000	-0.9989	-0.9986	-0.0003
2024-02-17T11:06:22	1	0	17	17	0	0.9508	0.9508	0.0000	0.9985	0.9985	0.0000
2024-02-17T11:09:42	1	0	2	2	0	0.9971	0.9970	-0.0002	0.9708	0.9708	0.0000
2024-02-17T11:12:56	1	0	10	10	0	1.0437	1.0437	0.0000	0.9943	0.9943	0.0000
2024-02-17T11:13:32	2	0	11	10	1	1.0544	1.0533	-0.0010	-0.9709	-0.9713	0.0004
2024-02-17T11:13:33	1	0	1	1	0	1.0341	1.0338	-0.0003	0.9996	0.9996	0.0000
2024-02-17T11:14:43	4	0	43	42	1	1.0554	1.0553	-0.0001	0.9845	0.9845	0.0000
2024-02-17T11:17:03	2	0	75	75	0	0.9386	0.9386	0.0000	0.9946	0.9947	-0.0001
2024-02-17T11:20:12	1	0	13	12	1	1.0481	1.0474	-0.0007	0.9999	0.9999	0.0000
2024-02-17T11:20:31	1	0	6	6	0	1.0079	1.0075	-0.0005	0.9896	0.9892	0.0004
2024-02-17T11:21:30	2	0	1	1	0	1.0294	1.0289	-0.0005	0.9802	0.9796	0.0006
2024-02-17T11:22:28	1	0	4	4	0	1.0452	1.0451	-0.0001	-1	-1	0.0000
2024-02-17T11:24:25	1	0	10	10	0	1.0336	1.0336	0.0000	0.9773	0.9774	-0.0001
2024-02-17T11:26:03	1	0	4	4	0	1.0253	1.0253	0.0000	0.996	0.9959	0.0001
2024-02-17T11:26:39	3	0	1	1	0	0.9754	0.9766	0.0012	0.9948	0.9949	-0.0001
2024-02-17T11:27:54	1	0	127	127	0	1.0567	1.0567	0.0000	-1	-1	0.0000
2024-02-17T11:29:45	4	0	53	52	1	1.0564	1.0563	-0.0001	0.9858	0.9857	0.0001
2024-02-17T11:30:12	1	0	1	0	1	1.0580	null	null	0.9954	0.9954	0.0000
2024-02-17T11:31:17	2	0	2	2	0	1.0059	1.0057	-0.0003	-0.9764	-0.9765	0.0001

2024-02-17T11:31:34	8	0	5	5	0	1.0239	1.0238	-0.0001	-0.9982	-0.9982	0.0000
2024-02-17T11:31:37	1	0	171	171	0	0.9353	0.9353	0.0000	0.9848	0.9847	0.0001
2024-02-17T11:32:15	2	0	32	30	2	0.9551	0.9489	-0.0062	0.9853	0.9853	0.0000
2024-02-17T11:32:33	1	0	3	3	0	1.0206	1.0206	0.0000	-0.9925	-0.9925	0.0000
2024-02-17T11:32:43	1	0	25	25	0	0.9587	0.9587	0.0000	0.9375	0.9375	0.0000
2024-02-17T11:34:15	1	0	1	1	0	1.0229	1.0229	0.0000	0.9976	0.9976	0.0000
2024-02-17T11:34:56	1	0	95	95	0	0.9350	0.9350	0.0000	0.9742	0.9741	0.0001
2024-02-17T11:35:34	4	0	6	6	0	0.9807	0.9814	0.0007	0.9878	0.9883	-0.0005
2024-02-17T11:35:39	1	0	3	3	0	0.9533	0.9533	0.0000	-0.9998	-0.9998	0.0000
2024-02-17T11:35:47	2	0	2	2	0	1.0652	1.0646	-0.0007	-0.7018	-0.7055	0.0037
2024-02-17T11:37:29	1	0	3	3	0	1.0495	1.0495	0.0000	1	1	0.0000
2024-02-17T11:40:16	3	0	44	44	0	0.9321	0.9321	0.0000	-0.9947	-0.9947	0.0000
2024-02-17T11:41:28	1	0	62	60	2	1.0581	1.0580	-0.0001	-0.9026	-0.9026	0.0000
2024-02-17T11:42:32	1	0	4	3	1	1.0639	1.0616	-0.0023	-0.9961	-0.9934	-0.0027
2024-02-17T11:42:55	2	0	155	155	0	1.0578	1.0578	0.0000	-1	1	0.0000
2024-02-17T11:43:34	2	0	3	4	-1	1.0687	1.0654	-0.0033	-0.9699	-0.9699	0.0000
2024-02-17T11:44:01	4	0	1	2	-1	1.0751	1.0100	-0.0650	-0.9974	-0.9974	0.0000
2024-02-17T11:44:22	3	0	4	4	0	1.0528	1.0521	-0.0007	0.9994	0.9994	0.0000
2024-02-17T11:45:13	1	0	1	0	1	1.0573	null	null	0.9946	0.9946	0.0000
2024-02-17T11:45:37	1	0	1	1	0	1.0562	1.0562	0.0000	0.9984	0.9984	0.0000
2024-02-17T11:47:05	2	0	36	36	0	0.9454	0.9454	0.0000	0.9957	0.9957	0.0000
2024-02-17T11:47:34	1	0	3	3	0	1.0230	1.0230	0.0000	-0.9946	-0.9946	0.0000
2024-02-17T11:48:11	2	0	1	1	0	0.9853	0.9858	0.0005	1	-1	0.0000
2024-02-17T11:48:16	3	0	1	2	-1	0.9435	0.9446	0.0012	0.9931	0.9928	0.0003
2024-02-17T11:49:00	1	0	85	86	-1	0.9422	0.9425	0.0002	0.9952	0.9952	0.0000
2024-02-17T11:49:57	3	0	38	38	0	0.9527	0.9526	-0.0001	0.9773	0.9772	0.0001
2024-02-17T11:50:37	4	0	8	9	-1	0.9889	0.9942	0.0053	0.9917	0.9875	0.0042
2024-02-17T11:50:40	1	0	3	3	0	0.9459	0.9459	0.0000	-0.9998	-0.9998	0.0000
2024-02-17T11:52:30	1	0	3	3	0	1.0479	1.0479	0.0000	0.9999	0.9999	0.0000
2024-02-17T11:55:17	3	0	50	51	-1	0.9331	0.9333	0.0002	-0.9973	-0.9973	0.0000
2024-02-17T11:56:05	1	0	16	15	1	1.0529	1.0525	-0.0004	0.9993	0.9993	0.0000
2024-02-17T11:56:39	1	0	1	1	0	1.0598	1.0593	-0.0005	-0.9938	-0.9938	0.0000
2024-02-17T11:57:56	4	0	179	175	4	1.0591	1.0589	-0.0001	1	1	0.0000
2024-02-17T11:59:02	4	0	6	8	-2	0.9624	0.9576	-0.0048	-0.9982	-0.9983	0.0001
2024-02-17T11:59:23	3	0	10	11	-1	1.0511	1.0510	-0.0001	0.9993	0.9994	-0.0001
2024-02-17T12:00:14	1	0	1	1	0	1.0576	0.9450	-0.1126	0.9937	0.9937	0.0000
2024-02-17T12:00:38	1	0	1	1	0	1.0573	1.0573	0.0000	0.9985	0.9985	0.0000
2024-02-17T12:02:17	3	0	23	22	1	0.9471	0.9418	-0.0053	0.9852	0.9852	0.0000
2024-02-17T12:02:35	1	0	3	3	0	1.0261	1.0261	0.0000	-0.9948	-0.9948	0.0000
2024-02-17T12:03:17	3	0	10	0	10	0.9434	null	null	0.993	0.9929	0.0001
2024-02-17T12:04:01	1	0	82	82	0	0.9424	0.9425	0.0001	0.9945	0.9945	0.0000
2024-02-17T12:04:17	1	0	1	1	0	1.0227	1.0227	0.0000	0.9982	0.9982	0.0000
2024-02-17T12:05:41	1	0	3	3	0	0.9545	0.9545	0.0000	-0.9998	-0.9997	-0.0001
2024-02-17T12:07:31	1	0	3	3	0	1.0493	1.0493	0.0000	1	1	0.0000
2024-02-17T12:11:14	1	0	16	16	0	1.0531	1.0529	-0.0003	0.9995	0.9995	0.0000
2024-02-17T12:12:57	1	0	143	142	1	1.0569	1.0569	0.0000	1	0.9999	0.0001
2024-02-17T12:13:36	2	0	1	1	0	1.1040	1.1040	0.0000	-0.9725	-0.9724	-0.0001
2024-02-17T12:17:07	2	0	2	2	0	0.9813	0.9813	0.0000	0.9969	0.9969	0.0000
2024-02-17T12:17:46	1	0	26	26	0	0.9506	0.9506	0.0000	0.9359	0.936	-0.0001
2024-02-17T12:19:59	3	0	96	96	0	0.9353	0.9353	0.0000	0.9735	0.9735	0.0000
2024-02-17T12:25:19	3	0	46	47	-1	0.9300	0.9303	0.0003	-0.9968	-0.9968	0.0000
2024-02-17T12:25:47	1	0	2	2	0	1.0265	1.0265	0.0000	0.9751	0.975	0.0001
2024-02-17T12:29:04	4	0	2	2	0	1.0662	1.0660	-0.0001	-0.9968	-0.9969	0.0001
2024-02-17T12:30:16	2	0	1	2	-1	1.0239	1.0399	0.0160	0.9956	0.9956	0.0000
2024-02-17T12:30:29	2	0	3	2	1	1.0424	1.0345	-0.0079	-0.9997	-0.9997	0.0000
2024-02-17T12:31:12	2	0	12	11	1	1.0483	1.0476	-0.0007	-0.9919	-0.9919	0.0000
2024-02-17T12:31:37	2	0	26	26	0	1.0554	1.0550	-0.0003	-0.9799	-0.9799	0.0000
2024-02-17T12:31:41	1	0	153	153	0	0.9333	0.9333	0.0000	0.9845	0.9844	0.0001
2024-02-17T12:31:45	8	0	6	8	-2	1.0189	1.0257	0.0067	-0.9972	-0.9971	-0.0001
2024-02-17T12:50:44	4	0	7	8	-1	1.0268	1.0297	0.0029	0.9906	0.9907	-0.0001
2024-02-17T12:56:19	1	0	1	1	0	0.9424	0.9427	0.0003	0.9999	0.9999	0.0000
2024-02-17T12:58:00	1	0	154	155	-1	1.0588	1.0588	0.0000	1	0.9999	0.0001
2024-02-17T12:59:06	1	0	1	1	0	1.0764	1.0760	-0.0004	-0.9964	-0.9965	0.0001
2024-02-17T12:59:27	3	0	8	8	0	1.0509	1.0506	-0.0003	0.9994	0.9994	0.0000
2024-02-17T13:02:21	1	0	41	40	1	0.9356	0.9357	0.0001	0.9849	0.9849	0.0000
2024-02-17T13:20:48	1	0	18	17	1	1.0425	1.0417	-0.0009	0.9929	0.9929	0.0000
2024-02-17T13:24:33	1	0	11	11	0	1.0385	1.0385	0.0000	0.9782	0.9773	0.0009
2024-02-17T13:32:23	1	0	17	17	0	0.9657	0.9587	-0.0070	0.9851	0.9851	0.0000
2024-02-17T13:33:18	2	0	21	21	0	1.0514	1.0514	0.0000	-0.9811	-0.9793	-0.0018
2024-02-17T13:35:49	1	0	19	19	0	1.0317	1.0316	-0.0001	0.9779	0.9778	0.0001
2024-02-17T13:47:13	3	0	148	142	6	0.9392	0.9398	0.0006	0.9886	0.9887	-0.0001
2024-02-17T13:50:50	1	0	10	10	0	1.0382	1.0382	0.0000	0.9817	0.9819	-0.0002
2024-02-17T13:54:53	1	0	56	4	52	1.0597	1.0451	-0.0146	0.9764	0.9736	0.0028
2024-02-17T13:56:45	2	0	256	254	2	1.0669	1.0666	-0.0003	-0.9998	-0.9998	0.0000
2024-02-17T13:58:04	1	0	148	148	0	1.0572	1.0572	0.0000	-1	-1	0.0000
2024-02-17T14:02:14	1	0	120	120	0	0.9322	0.9323	0.0001	0.9903	0.9903	0.0000
2024-02-17T14:03:25	1	0	1	1	0	0.9446	0.9449	0.0003	0.9921	0.9919	0.0002
2024-02-17T14:03:40	2	0	2	1	1	1.0461	1.0452	-0.0009	-0.9853	-0.9858	0.0005
2024-02-17T14:05:54	4	0	16	16	0	1.0434	1.0431	-0.0003	0.9775	0.9775	0.0000
2024-02-17T14:06:55	17	0	2	2	0	1.0192	1.0176	-0.0016	-0.9998	-0.9999	0.0001
2024-02-17T14:10:54	2	0	3	3	0	1.0017	1.0015	-0.0002	0.9815	0.9813	0.0002
2024-02-17T14:11:00	1	0	1	1	0	1.0361	1.0361	0.0000	-0.9976	-0.9974	-0.0002
2024-02-17T14:11:17	1	0	5	5	0	1.0425	1.0424	-0.0001	0.9946	0.9944	0.0002
2024-02-17T14:11:48	1	0	1	1	0	1.0612	1.0610	-0.0002	-0.9931	-0.9931	0.0000
2024-02-17T14:11:51	2	0	256	253	3	1.0644	1.0643	-0.0001	-0.9992	-0.9992	0.0000

2024-02-17T14:13:05	2	0	275	270	5	1.0605	1.0605	0.0000	-1	-1	0.0000
2024-02-17T14:13:08	3	0	14	14	0	1.0472	1.0472	0.0000	0.9939	0.9939	0.0000
2024-02-17T14:13:44	2	0	38	37	1	1.0523	1.0517	-0.0006	-0.9577	-0.958	0.0003
2024-02-17T14:14:25	1	0	8	8	0	1.0473	1.0473	0.0000	-0.9955	-0.9955	0.0000
2024-02-17T14:14:55	2	0	13	13	0	0.9474	0.9475	0.0001	0.9797	0.9797	0.0000
2024-02-17T14:17:04	6	0	9	9	0	1.0287	1.0285	-0.0002	-0.9964	-0.9965	0.0001
2024-02-17T14:17:26	3	0	26	26	0	0.9443	0.9444	0.0001	0.9852	0.9852	0.0000
2024-02-17T14:18:02	1	0	15	14	1	1.0428	1.0415	-0.0013	0.957	0.9567	0.0003
2024-02-17T14:18:26	2	0	25	19	6	0.9500	0.9509	0.0008	0.9926	0.9925	0.0001
2024-02-17T14:19:10	1	0	82	80	2	0.9420	0.9421	0.0002	0.9958	0.9934	0.0024
2024-02-17T14:19:26	1	0	2	2	0	1.0251	1.0250	-0.0002	0.9981	0.9981	0.0000
2024-02-17T14:20:24	2	0	24	23	1	1.0494	1.0490	-0.0004	0.9999	0.9999	0.0000
2024-02-17T14:20:56	1	0	1	0	1	1.0552	null	null	0.9999	0.9999	0.0000
2024-02-17T14:20:58	4	0	25	25	0	1.0339	1.0338	-0.0001	0.9811	0.9812	-0.0001
2024-02-17T14:21:42	1	0	2	2	0	1.0095	1.0095	0.0000	0.9773	0.9772	0.0001
2024-02-17T14:22:05	11	0	4	4	0	1.0251	1.0246	-0.0005	-1	-1	0.0000
2024-02-17T14:22:51	8	0	61	59	2	0.9722	0.9724	0.0002	0.9996	0.9996	0.0000
2024-02-17T14:24:55	1	0	1	1	0	1.0383	1.0382	-0.0001	0.9709	0.9703	0.0006
2024-02-17T14:25:27	4	0	14	16	-2	0.9567	0.9548	-0.0019	-0.9979	-0.9981	0.0002
2024-02-17T14:25:46	2	0	1	0	1	0.9987	null	null	-0.9852	-0.9854	0.0002
2024-02-17T14:25:55	2	0	3	3	0	0.9803	0.9803	0.0000	0.9747	0.9746	0.0001
2024-02-17T14:26:49	1	0	1	1	0	1.0572	1.0570	-0.0002	-0.9912	-0.9912	0.0000
2024-02-17T14:26:57	2	0	270	269	1	1.0640	1.0638	-0.0001	-0.9994	-0.9995	0.0001
2024-02-17T14:28:06	4	0	326	322	4	1.0610	1.0609	-0.0001	-0.9998	-0.9999	0.0001
2024-02-17T14:29:26	1	0	9	9	0	1.0461	1.0460	-0.0001	-0.9962	-0.9963	0.0001
2024-02-17T14:29:56	2	0	33	32	1	0.9445	0.9426	-0.0019	0.9816	0.9816	0.0000
2024-02-17T14:30:24	2	0	2	2	0	1.0221	1.0217	-0.0004	0.9954	0.9952	0.0002
2024-02-17T14:30:58	2	0	135	134	1	1.0579	1.0578	0.0000	0.9979	0.9979	0.0000
2024-02-17T14:31:45	5	0	39	39	0	0.9736	0.9734	-0.0002	-0.9729	-0.9911	0.0182
2024-02-17T14:32:13	2	0	4	4	0	1.0293	1.0292	-0.0002	-0.9976	-0.9976	0.0000
2024-02-17T14:32:20	2	0	6	6	0	1.0472	1.0471	-0.0002	-1	-1	0.0000
2024-02-17T14:32:26	1	0	7	7	0	1.0026	1.0027	0.0001	0.9985	0.9985	0.0000
2024-02-17T14:33:27	2	0	75	71	4	0.9438	0.9441	0.0002	0.9922	0.992	0.0002
2024-02-17T14:33:42	2	0	2	2	0	1.0469	1.0455	-0.0015	-0.9877	-0.9882	0.0005
2024-02-17T14:33:51	2	0	5	5	0	1.0515	1.0514	-0.0001	1	1	0.0000
2024-02-17T14:34:11	4	0	1	0	1	1.0461	null	null	-0.993	-0.9931	0.0001
2024-02-17T14:34:27	1	0	2	2	0	1.0250	1.0250	-0.0001	0.9985	0.9985	0.0000
2024-02-17T14:35:25	3	0	26	26	0	1.0469	1.0468	-0.0002	1	0.9999	0.0001
2024-02-17T14:36:02	4	0	39	38	1	0.9720	0.9769	0.0049	0.976	0.9762	-0.0002
2024-02-17T14:37:41	1	0	12	12	0	1.0470	1.0470	0.0000	-0.9997	-0.9997	0.0000
2024-02-17T14:37:58	7	0	64	58	6	0.9649	0.9655	0.0006	0.999	0.9991	-0.0001
2024-02-17T14:39:56	1	0	1	1	0	1.0355	1.0355	0.0000	0.971	0.9704	0.0006
2024-02-17T14:40:56	1	0	1	1	0	1.0365	1.0360	-0.0005	0.9756	0.9755	0.0001
2024-02-17T14:41:50	1	0	1	1	0	1.0564	1.0563	-0.0001	-0.9919	-0.9919	0.0000
2024-02-17T14:42:03	1	0	231	226	5	1.0629	1.0628	-0.0001	-0.9998	-0.9998	0.0000
2024-02-17T14:43:07	3	0	154	154	0	1.0577	1.0576	0.0000	-1	-1	0.0000
2024-02-17T14:43:10	2	0	12	12	0	1.0457	1.0457	0.0000	0.9957	0.9957	0.0000
2024-02-17T14:44:13	1	0	1	1	0	1.0691	1.0691	0.0000	-0.9957	-0.9957	0.0000
2024-02-17T14:44:34	5	0	15	15	0	1.0523	1.0522	-0.0001	0.9993	0.9993	0.0000
2024-02-17T14:45:01	1	0	51	51	0	1.0547	1.0547	0.0000	0.9844	0.9844	0.0000
2024-02-17T14:45:59	1	0	63	63	0	1.0555	1.0555	0.0000	0.9926	0.9926	0.0000
2024-02-17T14:46:01	1	0	8	8	0	1.0556	1.0555	-0.0001	-0.9564	-0.9568	0.0004
2024-02-17T14:46:32	2	0	1	0	1	1.0371	null	null	0.9975	0.9976	-0.0001
2024-02-17T14:46:37	2	0	2	2	0	1.0097	1.0097	0.0000	-0.9681	-0.9674	-0.0007
2024-02-17T14:47:21	1	0	4	4	0	1.0234	1.0232	-0.0002	-0.9977	-0.9981	0.0004
2024-02-17T14:48:04	1	0	7	7	0	1.0433	1.0433	0.0000	0.9631	0.9569	0.0062
2024-02-17T14:48:43	1	0	2	0	2	1.0460	null	null	-0.9865	-0.987	0.0005
2024-02-17T14:49:12	3	0	1	1	0	1.0466	1.0463	-0.0003	-0.9927	-0.9927	0.0000
2024-02-17T14:50:14	2	0	14	12	2	0.9642	0.9554	-0.0088	0.9748	0.9765	-0.0017
2024-02-17T14:50:26	1	0	23	22	1	1.0495	1.0491	-0.0003	1	1	0.0000
2024-02-17T14:51:05	2	0	3	3	0	1.0569	1.0567	-0.0002	-0.803	-0.8042	0.0012
2024-02-17T14:54:39	3	0	6	6	0	1.0382	1.0381	-0.0001	0.9693	0.9692	0.0001
2024-02-17T14:56:03	1	0	93	92	1	0.9338	0.9342	0.0004	0.9965	0.9964	0.0001
2024-02-17T14:58:08	1	0	165	165	0	1.0577	1.0577	0.0000	-1	-1	0.0000
2024-02-17T14:59:34	1	0	8	8	0	1.0474	1.0474	0.0000	-0.9947	-0.9947	0.0000
2024-02-17T15:01:33	2	0	2	2	0	1.0341	1.0335	-0.0006	0.9975	0.9975	0.0000
2024-02-17T15:02:47	1	0	2	2	0	0.9841	0.9843	0.0003	-0.9998	-0.9998	0.0000
2024-02-17T15:04:13	1	0	76	75	1	0.9427	0.9427	0.0000	0.9955	0.9955	0.0000
2024-02-17T15:05:13	1	0	3	3	0	1.0483	1.0482	-0.0001	0.9984	0.9983	0.0001
2024-02-17T15:05:15	1	0	7	7	0	0.9605	0.9606	0.0001	0.9777	0.9795	-0.0018
2024-02-17T15:10:30	5	0	66	58	8	0.9375	0.9375	0.0000	-0.9991	-0.9984	-0.0007
2024-02-17T15:12:22	1	0	218	216	2	1.0605	1.0604	-0.0001	-0.9997	-0.9998	0.0001
2024-02-17T15:15:27	2	0	2	2	0	1.0215	1.0214	-0.0002	0.9954	0.9953	0.0001
2024-02-17T15:17:30	1	0	28	26	2	0.9448	0.9466	0.0018	0.9854	0.9856	-0.0002
2024-02-17T15:18:30	1	0	6	6	0	0.9406	0.9419	0.0012	0.9926	0.9924	0.0002
2024-02-17T15:23:17	1	0	30	29	1	1.0037	1.0037	0.0000	0.9996	0.9996	0.0000
2024-02-17T15:30:28	1	0	2	2	0	1.0204	1.0202	-0.0002	0.9951	0.995	0.0001
2024-02-17T15:32:31	2	0	9	10	-1	0.9716	0.9798	0.0083	0.9857	0.9859	-0.0002
2024-02-17T15:32:45	4	0	9	9	0	1.0284	1.0284	0.0000	-0.9963	-0.9964	0.0001
2024-02-17T15:33:31	1	0	35	2	33	0.9543	0.9927	0.0385	0.9923	0.9923	0.0000
2024-02-17T15:35:35	2	0	217	217	0	0.9302	0.9302	0.0000	-0.9918	-0.9908	-0.0010
2024-02-17T15:37:17	13	0	2	2	0	1.0186	1.0182	-0.0004	-0.9996	-0.9996	0.0000
2024-02-17T15:42:48	1	0	2	2	0	1.0557	1.0554	-0.0003	-0.997	-0.997	0.0000
2024-02-17T15:47:22	3	0	57	56	1	0.9439	0.9439	0.0000	0.9982	0.9982	0.0000
2024-02-17T15:48:32	1	0	68	67	1	0.9512	0.9514	0.0001	0.9924	0.9923	0.0001

2024-02-17T15:52:25	1	0	2	2	0	1.0242	1.0240	-0.0003	-0.9999	-0.9999	0.0000
2024-02-17T15:59:49	1	0	2	2	0	1.0438	1.0436	-0.0002	0.9988	0.9988	0.0000
2024-02-17T16:00:02	1	0	4	4	0	0.9364	0.9366	0.0001	0.9786	0.9786	0.0000
2024-02-17T16:00:30	1	0	1	1	0	1.0206	1.0204	-0.0002	0.9948	0.9947	0.0001
2024-02-17T16:05:42	2	0	4	4	0	1.0370	1.0369	-0.0001	-0.9955	-0.9956	0.0001
2024-02-17T16:10:35	1	0	83	78	5	0.9302	0.9308	0.0006	-0.9991	-0.999	-0.0001
2024-02-17T16:21:43	1	0	8	8	0	0.9654	0.9655	0.0001	0.9979	0.998	-0.0001
2024-02-17T16:22:38	1	0	2	2	0	1.0131	1.0129	-0.0002	-0.9998	-0.9998	0.0000
2024-02-17T16:25:39	2	0	130	115	15	0.9330	0.9337	0.0007	-0.9989	-0.9988	-0.0001
2024-02-17T16:30:56	1	0	2	2	0	0.9633	0.9636	0.0003	0.9976	0.9976	0.0000
2024-02-17T16:40:42	1	0	98	97	1	0.9311	0.9311	0.0000	-0.9995	-0.9994	-0.0001
2024-02-17T16:51:19	1	0	129	129	0	0.9382	0.9382	0.0000	0.9844	0.9844	0.0000
2024-02-17T16:52:45	3	0	7	7	0	0.9929	0.9934	0.0004	1	-1	0.0000
2024-02-17T18:20:30	1	0	22	21	1	0.9421	0.9420	-0.0001	-0.9993	-0.9993	0.0000
2024-02-17T18:24:05	1	0	102	102	0	0.9614	0.9614	0.0000	-0.999	-0.999	0.0000
2024-02-17T18:26:35	1	0	239	239	0	0.9269	0.9269	0.0000	0.9951	0.9951	0.0000
2024-02-18T07:50:04	2	0	75	74	1	0.9442	0.9443	0.0001	-0.9942	-0.9938	-0.0004
2024-02-18T07:51:27	1	0	17	17	0	0.9411	0.9412	0.0001	0.9996	0.9996	0.0000
2024-02-18T07:51:32	2	0	187	185	2	0.9506	0.9507	0.0001	0.9979	0.9979	0.0000
2024-02-18T07:55:53	1	0	254	254	0	0.9187	0.9187	0.0000	0.9956	0.9956	0.0000
2024-02-18T08:01:48	3	0	77	75	2	0.9407	0.9408	0.0001	0.9957	0.9957	0.0000
2024-02-18T08:03:13	1	0	1404	1404	0	0.6008	0.6008	0.0000	0.6566	0.6568	-0.0002
2024-02-18T08:06:33	2	0	169	169	0	0.9336	0.9337	0.0001	0.9985	0.9985	0.0000
2024-02-18T08:15:25	2	0	62	60	2	0.9422	0.9423	0.0001	0.999	0.999	0.0000
2024-02-18T08:18:02	1	0	98	98	0	0.9435	0.9437	0.0002	0.9911	0.991	0.0001
2024-02-18T08:25:07	1	0	140	138	2	1.0577	1.0577	0.0000	0.9964	0.9964	0.0000
2024-02-18T08:31:24	1	0	224	224	0	0.9269	0.9269	0.0000	0.9826	0.9826	0.0000
2024-02-18T08:46:25	1	0	219	219	0	0.9295	0.9295	0.0000	0.9827	0.9827	0.0000
2024-02-18T08:57:21	1	0	109	109	0	1.1083	1.1079	-0.0004	-0.9997	-0.9997	0.0000
2024-02-18T09:01:53	1	0	177	176	1	0.9349	0.9350	0.0001	0.9962	0.9961	0.0001
2024-02-18T09:04:03	1	0	7	7	0	0.9991	0.9991	0.0000	0.9558	0.9557	0.0001
2024-02-18T09:05:09	2	0	190	186	4	0.9348	0.9353	0.0005	-0.9987	-0.9986	-0.0001
2024-02-18T09:06:54	4	0	78	78	0	0.9455	0.9461	0.0005	0.9989	0.999	-0.0001
2024-02-18T09:10:23	1	0	110	108	2	1.0569	1.0568	-0.0001	0.9966	0.9966	0.0000
2024-02-18T09:10:58	1	0	232	232	0	0.9168	0.9170	0.0002	0.9947	0.9947	0.0000
2024-02-18T09:12:23	1	0	335	335	0	1.0626	1.0626	0.0000	0.9989	0.9989	0.0000
2024-02-18T09:14:34	1	0	26	28	-2	0.9424	0.9426	0.0001	0.9829	0.9828	0.0001
2024-02-18T09:18:06	2	0	90	89	1	0.9578	0.9582	0.0004	0.9915	0.9913	0.0002
2024-02-18T09:18:23	2	0	1401	1399	2	0.5912	0.5912	0.0000	0.6464	0.6464	0.0000
2024-02-18T09:20:07	1	0	10	10	0	1.0140	1.0138	-0.0002	0.9809	0.9808	0.0001
2024-02-18T09:28:30	1	0	1	1	0	1.0344	1.0337	-0.0007	0.998	0.998	0.0000
2024-02-18T09:28:49	2	0	6	6	0	0.9426	0.9432	0.0007	-0.9989	-0.9989	0.0000
2024-02-18T09:31:37	1	0	1	1	0	1.0375	1.0372	-0.0003	0.9998	0.9998	0.0000
2024-02-18T09:33:30	3	0	6	6	0	1.0443	1.0438	-0.0005	-0.9894	-0.9895	0.0001
2024-02-18T09:36:15	1	0	40	40	0	1.0274	1.0271	-0.0002	0.9998	0.9998	0.0000
2024-02-18T09:42:25	1	0	290	289	1	1.0519	1.0529	0.0010	0.9991	0.9991	0.0000
2024-02-18T09:42:49	1	0	29	25	4	0.9844	0.9847	0.0003	0.9747	0.9748	-0.0001
2024-02-18T09:46:07	2	0	1	1	0	0.9850	0.9857	0.0007	-0.9785	-0.9778	-0.0007
2024-02-18T09:48:21	1	0	3	3	0	1.0471	1.0464	-0.0007	-0.9905	-0.9908	0.0003
2024-02-18T09:49:06	1	0	4	4	0	1.0006	1.0003	-0.0002	0.9587	0.9586	0.0001
2024-02-18T09:50:04	1	0	28	28	0	1.0481	1.0480	-0.0001	-0.9999	-0.9999	0.0000
2024-02-18T09:50:09	3	0	16	16	0	1.0211	1.0211	0.0000	0.9806	0.9808	-0.0002
2024-02-18T09:50:14	2	0	7	7	0	1.0480	1.0478	-0.0003	1	1	0.0000
2024-02-18T09:51:46	3	0	5	5	0	0.9804	0.9805	0.0001	-0.9951	-0.9952	0.0001
2024-02-18T09:52:09	2	0	69	66	3	0.9745	0.9789	0.0044	0.9992	0.9992	0.0000
2024-02-18T09:55:41	1	0	170	169	1	1.0588	1.0586	-0.0002	0.9966	0.9966	0.0000
2024-02-18T09:57:44	1	0	42	38	4	1.0532	1.0529	-0.0003	0.9841	0.9841	0.0000
2024-02-18T09:58:52	1	0	4	4	0	0.9946	0.9945	-0.0001	-0.9989	-0.9989	0.0000
2024-02-18T09:59:15	3	0	13	13	0	1.0505	1.0503	-0.0002	0.9974	0.9974	0.0000
2024-02-18T10:00:34	1	0	103	101	2	0.9367	0.9369	0.0002	0.9905	0.9905	0.0000
2024-02-18T10:00:34	2	0	9	9	0	1.0398	1.0399	0.0001	-0.9976	-0.9975	-0.0001
2024-02-18T10:00:52	2	0	12	12	0	1.0365	1.0365	-0.0001	-0.9963	-0.9964	0.0001
2024-02-18T10:01:28	3	0	1	1	0	1.0451	1.0445	-0.0006	-0.9935	-0.9858	-0.0077
2024-02-18T10:02:09	1	0	2	2	0	1.0284	1.0284	0.0000	0.9866	0.9866	0.0000
2024-02-18T10:03:22	1	0	1	0	1	1.0453	null	null	-0.9907	-0.9908	0.0001
2024-02-18T10:03:32	1	0	6	6	0	1.0433	1.0432	-0.0002	-0.9871	-0.9871	0.0000
2024-02-18T10:03:47	1	0	3	3	0	1.0478	1.0475	-0.0003	-1	-1	0.0000
2024-02-18T10:03:53	1	0	14	14	0	0.9430	0.9431	0.0000	0.9934	0.9934	0.0000
2024-02-18T10:04:47	2	0	63	63	0	0.9594	0.9591	-0.0003	0.9715	0.9714	0.0001
2024-02-18T10:07:56	5	0	4	4	0	1.0294	1.0289	-0.0004	1	1	0.0000
2024-02-18T10:09:11	4	0	17	17	0	1.0397	1.0396	-0.0001	0.9711	0.971	0.0001
2024-02-18T10:14:11	2	0	11	12	-1	1.0502	1.0501	-0.0001	-0.991	-0.991	0.0000
2024-02-18T10:15:03	1	0	229	228	1	1.0557	1.0557	0.0000	-0.9996	-0.9996	0.0000
2024-02-18T10:15:56	1	0	1	1	0	0.9441	0.9446	0.0005	0.9869	0.987	-0.0001
2024-02-18T10:16:19	2	0	2	2	0	1.0191	1.0188	-0.0003	0.9949	0.9948	0.0001
2024-02-18T10:18:23	1	0	3	3	0	1.0467	1.0459	-0.0008	-0.9895	-0.9898	0.0003
2024-02-18T10:18:48	3	0	10	9	1	1.0470	1.0457	-0.0013	-0.9999	-0.9999	0.0000
2024-02-18T10:20:08	1	0	30	29	1	1.0489	1.0486	-0.0002	-1	-1	0.0000
2024-02-18T10:21:18	2	0	6	6	0	0.9654	0.9654	0.0000	0.9971	0.9971	0.0000
2024-02-18T10:22:20	1	0	87	83	4	0.9700	0.9704	0.0004	0.999	0.999	0.0000
2024-02-18T10:23:11	1	0	204	199	5	1.0579	1.0578	0.0000	-0.9862	-0.9861	-0.0001
2024-02-18T10:24:19	3	0	41	41	0	1.0503	1.0503	-0.0001	0.9725	0.9726	-0.0001
2024-02-18T10:27:54	2	0	33	32	1	1.0472	1.0469	-0.0003	0.9945	0.9944	0.0001
2024-02-18T10:29:39	1	0	110	109	1	0.9381	0.9382	0.0001	0.9812	0.9811	0.0001
2024-02-18T10:30:04	1	0	291	290	1	1.0566	1.0566	0.0000	-0.9996	-0.9995	-0.0001

2024-02-18T10:30:05	2	0	9	9	0	1.0281	1.0280	-0.0002	0.9835	0.9833	0.0002
2024-02-18T10:30:23	1	0	14	13	1	1.0463	1.0463	0.0001	-1	-1	0.0000
2024-02-18T10:31:07	1	0	14	14	0	1.0394	1.0393	-0.0001	-0.995	-0.9951	0.0001
2024-02-18T10:32:47	2	0	27	26	1	1.0522	1.0520	-0.0001	0.9824	0.9824	0.0000
2024-02-18T10:33:24	1	0	2	2	0	1.0475	1.0464	-0.0011	-0.9884	-0.9888	0.0004
2024-02-18T10:33:34	2	0	7	7	0	1.0442	1.0440	-0.0002	-0.9862	-0.9864	0.0002
2024-02-18T10:33:36	1	0	66	66	0	0.9132	0.9132	0.0001	0.9932	0.9931	0.0001
2024-02-18T10:33:49	1	0	10	10	0	1.0496	1.0495	-0.0001	-0.9999	-0.9999	0.0000
2024-02-18T10:34:36	4	0	15	12	3	1.0510	1.0497	-0.0013	0.9988	0.9986	0.0002
2024-02-18T10:35:16	1	0	23	21	2	0.9904	0.9996	0.0093	0.962	0.962	0.0000
2024-02-18T10:35:42	3	0	10	9	1	1.0499	1.0500	0.0000	-0.8305	-0.8365	0.0060
2024-02-18T10:39:14	2	0	6	6	0	1.0500	1.0491	-0.0009	0.9964	0.9902	0.0062
2024-02-18T10:39:35	2	0	1	0	1	1.0562	null	null	-0.9991	-0.9991	0.0000
2024-02-18T10:39:39	2	0	6	6	0	0.9647	0.9647	0.0000	0.9651	0.9651	0.0000
2024-02-18T10:40:47	1	0	2	2	0	1.0312	1.0310	-0.0002	0.9997	0.9997	0.0000
2024-02-18T10:40:59	1	0	6	6	0	1.0382	1.0380	-0.0002	0.9831	0.9831	0.0000
2024-02-18T10:42:29	2	0	291	285	6	1.0636	1.0634	-0.0002	0.9984	0.9983	0.0001
2024-02-18T10:42:55	2	0	29	29	0	1.0441	1.0440	-0.0001	0.9898	0.9898	0.0000
2024-02-18T10:44:40	2	0	75	73	2	0.9397	0.9397	0.0000	0.9827	0.9826	0.0001
2024-02-18T10:45:43	1	0	13	13	0	1.0515	1.0515	0.0000	-0.9849	-0.9851	0.0002
2024-02-18T10:45:58	2	0	1	1	0	1.0285	1.0276	-0.0009	0.9891	0.9887	0.0004
2024-02-18T10:46:11	1	0	3	3	0	1.0136	1.0134	-0.0003	-0.9701	-0.9696	-0.0005
2024-02-18T10:46:15	2	0	16	16	0	1.0386	1.0383	-0.0003	-0.9965	-0.9966	0.0001
2024-02-18T10:47:01	1	0	6	6	0	1.0237	1.0236	-0.0001	0.9978	0.9978	0.0000
2024-02-18T10:47:05	3	0	31	30	1	1.0505	1.0499	-0.0006	1	1	0.0000
2024-02-18T10:47:52	2	0	30	28	2	1.0531	1.0529	-0.0002	0.9829	0.9828	0.0001
2024-02-18T10:48:28	1	0	10	10	0	1.0484	1.0484	0.0000	-0.9884	-0.9884	0.0000
2024-02-18T10:48:50	1	0	10	10	0	1.0457	1.0457	-0.0001	-1	-1	0.0000
2024-02-18T10:49:53	1	0	3	3	0	1.0508	1.0507	-0.0001	0.9966	0.9964	0.0002
2024-02-18T10:50:22	1	0	1	1	0	1.0361	1.0357	-0.0004	-0.9958	-0.9958	0.0000
2024-02-18T10:50:35	1	0	4	4	0	1.0009	1.0006	-0.0003	-1	-1	0.0000
2024-02-18T10:51:05	2	0	10	10	0	1.0421	1.0420	-0.0001	0.9998	0.9998	0.0000
2024-02-18T10:51:50	2	0	1	1	0	1.0377	1.0372	-0.0005	-0.9967	-0.9967	0.0000
2024-02-18T10:53:35	1	0	209	206	3	1.0588	1.0587	0.0000	-0.9827	-0.9826	-0.0001
2024-02-18T10:54:42	2	0	2	0	2	1.0558	null	null	-0.9986	-0.9986	0.0000
2024-02-18T10:55:34	4	0	70	61	9	0.9311	0.9314	0.0003	-0.9951	-0.9945	-0.0006
2024-02-18T10:57:30	3	0	251	250	1	1.0622	1.0622	0.0000	0.9987	0.9986	0.0001
2024-02-18T10:58:31	1	0	17	16	1	1.0470	1.0482	0.0011	-1	-1	0.0000
2024-02-18T11:00:06	1	0	170	169	1	1.0544	1.0544	0.0000	0.9995	0.9995	0.0000
2024-02-18T11:01:25	1	0	18	18	0	1.0416	1.0415	-0.0001	-0.995	-0.995	0.0000
2024-02-18T11:02:02	2	0	41	39	2	0.9445	0.9449	0.0004	0.9951	0.9951	0.0000
2024-02-18T11:02:11	2	0	36	35	1	1.0506	1.0504	-0.0002	1	1	0.0000
2024-02-18T11:02:19	1	0	1	1	0	1.0583	1.0572	-0.0011	0.9761	0.976	0.0001
2024-02-18T11:02:58	1	0	37	36	1	1.0523	1.0521	-0.0002	0.9814	0.9811	0.0003
2024-02-18T11:03:29	1	0	6	5	1	1.0463	1.0460	-0.0003	-0.9869	-0.9874	0.0005
2024-02-18T11:03:36	2	0	6	6	0	1.0439	1.0436	-0.0003	-0.9857	-0.9858	0.0001
2024-02-18T11:03:49	1	0	2	2	0	1.0325	1.0324	-0.0002	-0.9874	-0.9874	0.0000
2024-02-18T11:05:22	3	0	14	13	1	1.0207	1.0179	-0.0028	0.9652	0.9647	0.0005
2024-02-18T11:06:13	3	0	13	12	1	1.0426	1.0438	0.0011	0.9999	0.9999	0.0000
2024-02-18T11:06:31	1	0	9	9	0	1.0512	1.0510	-0.0002	0.9996	0.9995	0.0001
2024-02-18T11:07:26	1	0	9	9	0	1.0521	1.0520	-0.0001	-0.9995	-0.9996	0.0001
2024-02-18T11:08:48	3	0	213	209	4	1.0593	1.0592	-0.0001	-0.984	-0.984	0.0000
2024-02-18T11:09:11	1	0	1	1	0	0.9834	0.9838	0.0004	0.9844	0.9844	0.0000
2024-02-18T11:09:29	3	0	16	16	0	1.0223	1.0222	-0.0001	0.9663	0.9662	0.0001
2024-02-18T11:09:58	2	0	3	2	1	1.0509	1.0472	-0.0037	-0.999	-0.999	0.0000
2024-02-18T11:11:16	1	0	136	132	4	1.0584	1.0582	-0.0003	0.9968	0.9968	0.0000
2024-02-18T11:12:30	1	0	1	0	1	1.0572	null	null	0.9957	0.9958	-0.0001
2024-02-18T11:12:49	1	0	11	11	0	1.0475	1.0474	-0.0001	0.9885	0.9884	0.0001
2024-02-18T11:12:57	1	0	17	17	0	1.0390	1.0390	0.0000	0.9869	0.9868	0.0001
2024-02-18T11:15:43	1	0	46	46	0	1.0549	1.0549	0.0000	0.991	0.9908	0.0002
2024-02-18T11:15:45	3	0	17	17	0	1.0533	1.0533	0.0000	-0.9752	-0.9826	0.0074
2024-02-18T11:17:14	1	0	3	2	1	0.9935	1.0307	0.0371	0.9871	0.9872	-0.0001
2024-02-18T11:18:03	2	0	39	37	2	1.0550	1.0549	-0.0001	0.9827	0.9825	0.0002
2024-02-18T11:18:14	3	0	99	99	0	0.9850	0.9849	-0.0001	0.9909	0.9905	0.0004
2024-02-18T11:18:30	1	0	15	13	2	1.0485	1.0468	-0.0018	-0.9887	-0.9892	0.0005
2024-02-18T11:18:37	1	0	8	8	0	1.0335	1.0335	0.0000	-0.989	-0.9888	-0.0002
2024-02-18T11:18:46	2	0	3	2	1	1.0353	1.0452	0.0100	-0.9929	-0.993	0.0001
2024-02-18T11:18:55	2	0	19	18	1	1.0490	1.0485	-0.0005	-0.9997	-0.9997	0.0000
2024-02-18T11:18:58	1	0	4	4	0	0.9572	0.9571	-0.0001	0.9949	0.9948	0.0001
2024-02-18T11:20:20	2	0	11	11	0	1.0453	1.0453	-0.0001	-1	-1	0.0000
2024-02-18T11:21:22	1	0	8	8	0	0.9723	0.9724	0.0001	0.997	0.9971	-0.0001
2024-02-18T11:21:32	2	0	1	1	0	1.0356	1.0352	-0.0004	0.9793	0.9786	0.0007
2024-02-18T11:21:56	1	0	1	0	1	1.0374	null	null	-0.9952	-0.9953	0.0001
2024-02-18T11:22:27	1	0	14	14	0	1.0500	1.0499	-0.0001	-0.9992	-0.9992	0.0000
2024-02-18T11:22:39	1	0	7	7	0	1.0464	1.0463	-0.0001	0.9862	0.9859	0.0003
2024-02-18T11:26:38	1	0	2	2	0	1.0252	1.0249	-0.0003	0.9846	0.9845	0.0001
2024-02-18T11:27:36	1	0	42	41	1	1.0487	1.0485	-0.0002	-0.9953	-0.9953	0.0000
2024-02-18T11:27:58	1	0	19	19	0	1.0384	1.0383	0.0000	0.9859	0.9858	0.0001
2024-02-18T11:28:17	2	0	1	1	0	1.0065	1.0059	-0.0006	-0.9888	-0.9889	0.0001
2024-02-18T11:30:11	5	0	5	4	1	1.0347	1.0270	-0.0077	0.9942	0.994	0.0002
2024-02-18T11:30:27	1	0	6	6	0	1.0444	1.0444	0.0000	0.9963	0.9963	0.0000
2024-02-18T11:31:24	2	0	1	1	0	1.0191	1.0190	-0.0001	0.9951	0.9951	0.0000
2024-02-18T11:31:40	8	0	19	19	0	1.0422	1.0421	-0.0001	-0.995	-0.9951	0.0001
2024-02-18T11:32:10	1	0	51	50	1	1.0468	1.0466	-0.0002	-0.9996	-0.9996	0.0000
2024-02-18T11:32:13	7	0	50	48	2	1.0544	1.0543	-0.0001	1	1	0.0000

2024-02-18T11:32:15	2	0	4	5	-1	1.0335	1.0158	-0.0177	0.9871	0.9871	0.0000
2024-02-18T11:32:21	1	0	1	1	0	1.0612	1.0551	-0.0061	0.9784	0.9784	0.0000
2024-02-18T11:33:08	1	0	36	36	0	1.0550	1.0549	-0.0001	0.9823	0.9821	0.0002
2024-02-18T11:33:31	2	0	18	17	1	1.0481	1.0472	-0.0010	-0.9865	-0.9869	0.0004
2024-02-18T11:33:43	2	0	4	3	1	1.0443	1.0396	-0.0047	0.9641	0.9641	0.0000
2024-02-18T11:34:56	2	0	9	9	0	0.9441	0.9441	0.0000	0.9726	0.9708	0.0018
2024-02-18T11:35:30	7	0	20	18	2	0.9865	0.9914	0.0049	0.9688	0.9642	0.0046
2024-02-18T11:35:38	1	0	1	1	0	0.9724	0.9724	0.0000	-1	-0.9999	-0.0001
2024-02-18T11:35:42	2	0	1	1	0	1.0570	1.0563	-0.0007	0.9999	0.9998	0.0001
2024-02-18T11:35:55	3	0	3	3	0	1.0627	1.0625	-0.0002	-0.9283	-0.9289	0.0006
2024-02-18T11:37:05	6	0	1	0	1	1.0364	null	null	-0.9923	-0.9923	0.0000
2024-02-18T11:38:28	4	0	4	4	0	1.0345	1.0344	-0.0001	1	1	0.0000
2024-02-18T11:39:50	2	0	54	53	1	1.0488	1.0487	-0.0002	0.9989	0.9989	0.0000
2024-02-18T11:40:39	3	0	45	45	0	0.9307	0.9307	0.0000	-0.9955	-0.9955	0.0000
2024-02-18T11:40:40	2	0	1	0	1	0.9829	null	null	0.9749	0.9748	0.0001
2024-02-18T11:41:01	1	0	11	11	0	1.0401	1.0401	0.0000	-0.9994	-0.9989	-0.0005
2024-02-18T11:41:15	1	0	2	2	0	1.0311	1.0309	-0.0002	-0.9773	-0.9775	0.0002
2024-02-18T11:41:32	1	0	83	81	2	1.0577	1.0575	-0.0003	0.9974	0.9974	0.0000
2024-02-18T11:41:37	1	0	4	4	0	1.0481	1.0479	-0.0002	-0.9917	-0.9917	0.0000
2024-02-18T11:42:28	1	0	34	33	1	1.0497	1.0495	-0.0002	-0.9903	-0.9903	0.0000
2024-02-18T11:45:12	2	0	3	3	0	1.0285	1.0284	-0.0001	0.9941	0.9941	0.0000
2024-02-18T11:45:28	1	0	1	1	0	1.0464	1.0464	0.0000	0.9969	0.9969	0.0000
2024-02-18T11:46:50	6	0	20	20	0	1.0433	1.0433	0.0000	-0.9939	-0.9939	0.0000
2024-02-18T11:47:49	1	0	12	11	1	1.0369	1.0352	-0.0017	0.9566	0.9566	0.0000
2024-02-18T11:48:16	2	0	36	36	0	1.0541	1.0541	-0.0001	0.9832	0.9831	0.0001
2024-02-18T11:48:32	2	0	26	23	3	1.0526	1.0514	-0.0012	-0.9871	-0.9874	0.0003
2024-02-18T11:49:00	2	0	3	4	-1	0.9402	0.9581	0.0178	0.9936	0.9936	0.0000
2024-02-18T11:49:47	1	0	3	3	0	1.0499	1.0497	-0.0001	0.9903	0.9901	0.0002
2024-02-18T11:49:57	2	0	6	6	0	0.9443	0.9444	0.0001	0.9737	0.9719	0.0018
2024-02-18T11:50:22	4	0	8	9	-1	1.0475	1.0480	0.0006	-1	-1	0.0000
2024-02-18T11:51:16	5	0	5	6	-1	1.0427	1.0401	-0.0026	0.9989	0.999	-0.0001
2024-02-18T11:52:06	8	0	3	3	0	1.0368	1.0368	0.0000	-0.9917	-0.9917	0.0000
2024-02-18T11:54:12	1	0	110	109	1	1.0554	1.0554	0.0000	-0.9929	-0.9929	0.0000
2024-02-18T11:55:40	4	0	68	70	-2	0.9336	0.9335	-0.0001	-0.9947	-0.9947	0.0000
2024-02-18T11:56:02	1	0	12	12	0	1.0408	1.0408	0.0000	-0.9992	-0.9987	-0.0005
2024-02-18T11:56:37	1	0	113	113	0	1.0583	1.0582	-0.0002	0.9973	0.9973	0.0000
2024-02-18T11:56:38	1	0	2	2	0	1.0389	1.0389	0.0000	-0.9926	-0.9925	-0.0001
2024-02-18T11:59:28	1	0	41	40	1	1.0503	1.0502	-0.0001	-0.9898	-0.9898	0.0000
2024-02-18T12:00:29	1	0	1	1	0	1.0375	1.0375	0.0000	0.9973	0.9973	0.0000
2024-02-18T12:01:26	2	0	1	2	-1	1.0195	1.0167	-0.0028	0.9954	0.9954	0.0000
2024-02-18T12:02:17	2	0	3	2	1	0.9993	1.0309	0.0316	0.9877	0.9878	-0.0001
2024-02-18T12:04:01	2	0	5	5	0	0.9427	0.9427	0.0000	0.9937	0.9937	0.0000
2024-02-18T12:04:58	2	0	23	22	1	0.9624	0.9624	0.0000	0.9743	0.9744	-0.0001
2024-02-18T12:06:17	1	0	5	6	-1	1.0382	1.0355	-0.0027	0.999	0.9991	-0.0001
2024-02-18T12:10:35	2	0	1	1	0	1.0032	1.0024	-0.0008	-0.9904	-0.9904	0.0000
2024-02-18T12:11:42	1	0	91	90	1	1.0579	1.0578	-0.0001	0.9972	0.9972	0.0000
2024-02-18T12:18:34	2	0	22	22	0	1.0505	1.0495	-0.0010	-0.9856	-0.9857	0.0001
2024-02-18T12:22:08	8	0	1	1	0	1.0386	1.0385	-0.0001	-0.9871	-0.9869	-0.0002
2024-02-18T12:24:23	1	0	116	114	2	1.0559	1.0559	0.0000	-0.9922	-0.9921	-0.0001
2024-02-18T12:25:14	3	0	3	2	1	1.0583	1.0579	-0.0004	-0.9981	-0.9981	0.0000
2024-02-18T12:25:42	3	0	91	92	-1	0.9306	0.9305	-0.0001	-0.9958	-0.9957	-0.0001
2024-02-18T12:36:19	4	0	7	8	-1	1.0438	1.0416	-0.0022	0.9991	0.9992	-0.0001
2024-02-18T12:37:52	2	0	14	13	1	1.0457	1.0450	-0.0007	0.9707	0.9704	0.0003
2024-02-18T12:41:19	1	0	1	1	0	1.0345	1.0345	0.0000	-0.9764	-0.9762	-0.0002
2024-02-18T12:41:43	1	0	1	1	0	1.0204	1.0204	0.0000	0.9863	0.9864	-0.0001
2024-02-18T12:42:11	1	0	3	3	0	1.0324	1.0324	0.0000	0.9969	0.9969	0.0000
2024-02-18T12:45:32	1	0	4	4	0	1.0439	1.0439	0.0000	0.997	0.9971	-0.0001
2024-02-18T12:47:01	8	0	8	9	-1	1.0330	1.0291	-0.0039	-0.9993	-0.9992	-0.0001
2024-02-18T12:48:13	1	0	35	34	1	1.0539	1.0531	-0.0008	-0.9824	-0.9808	-0.0016
2024-02-18T12:50:26	4	0	8	9	-1	1.0474	1.0480	0.0006	-0.9999	-0.9999	0.0000
2024-02-18T12:50:43	1	0	2	2	0	0.9788	0.9788	-0.0001	-0.9997	-0.9996	-0.0001
2024-02-18T12:50:47	2	0	3	5	-2	1.0505	1.0489	-0.0016	1	1	0.0000
2024-02-18T12:51:20	2	0	10	10	0	1.0398	1.0398	0.0000	0.9988	0.9989	-0.0001
2024-02-18T12:56:06	1	0	1	1	0	1.0316	1.0315	-0.0001	0.9942	0.9944	-0.0002
2024-02-18T12:57:37	1	0	6	4	2	1.0563	1.0588	0.0026	0.9999	0.9993	0.0006
2024-02-18T13:01:25	2	0	5	5	0	1.0416	1.0411	-0.0005	0.9973	0.9972	0.0001
2024-02-18T13:02:21	1	0	2	2	0	0.9435	0.9439	0.0004	0.9835	0.9836	-0.0001
2024-02-18T13:05:39	2	0	16	16	0	1.0385	1.0384	0.0000	0.9765	0.9766	-0.0001
2024-02-18T13:12:38	1	0	2	2	0	1.0489	1.0489	0.0000	0.9997	0.9997	0.0000
2024-02-18T13:14:23	1	0	22	21	1	1.0524	1.0523	-0.0002	-0.9843	-0.9843	0.0000
2024-02-18T13:15:18	1	0	2	2	0	1.0414	1.0413	-0.0001	0.9908	0.9908	0.0000
2024-02-18T13:16:18	2	0	20	19	1	1.0507	1.0504	-0.0003	-0.9299	-0.9299	0.0000
2024-02-18T13:16:26	2	0	6	7	-1	1.0453	1.0459	0.0006	0.9961	0.9964	-0.0003
2024-02-18T13:20:28	2	0	16	15	1	1.0499	1.0491	-0.0009	-0.9997	-0.9997	0.0000
2024-02-18T13:20:45	1	0	2	3	-1	0.9573	0.9788	0.0215	-0.9994	-0.9993	-0.0001
2024-02-18T13:29:24	1	0	19	18	1	1.0514	1.0512	-0.0002	-0.9837	-0.9837	0.0000
2024-02-18T13:33:26	1	0	102	102	0	1.0572	1.0572	0.0000	0.982	0.9819	0.0001
2024-02-18T13:33:39	2	0	23	22	1	1.0522	1.0510	-0.0012	-0.9859	-0.9862	0.0003
2024-02-18T13:35:29	2	0	14	13	1	1.0495	1.0493	-0.0001	-0.9996	-0.9996	0.0000
2024-02-18T13:39:58	1	0	123	122	1	1.0568	1.0567	0.0000	-0.992	-0.9919	-0.0001
2024-02-18T13:40:47	1	0	22	22	0	0.9543	0.9543	-0.0001	-0.9909	-0.9908	-0.0001
2024-02-18T13:43:40	2	0	16	15	1	1.0544	1.0543	-0.0001	-0.9454	-0.9455	0.0001
2024-02-18T13:47:24	2	0	2	1	1	1.0385	1.0154	-0.0231	0.9851	0.9851	0.0000
2024-02-18T13:48:40	1	0	16	13	3	1.0533	1.0514	-0.0019	-0.9863	-0.9866	0.0003
2024-02-18T13:53:54	1	0	15	15	0	1.0474	1.0474	0.0000	0.9961	0.9961	0.0000

2024-02-18T14:00:34	6	0	381	161	220	0.9073	0.9237	0.0164	0.9946	0.9972	-0.0026
2024-02-18T14:03:25	5	0	10	10	0	1.0319	1.0232	-0.0087	0.9911	0.9911	0.0000
2024-02-18T14:03:30	1	0	49	49	0	1.0540	1.0540	0.0000	0.9816	0.9816	0.0000
2024-02-18T14:03:41	2	0	25	24	1	1.0531	1.0513	-0.0018	-0.9801	-0.9807	0.0006
2024-02-18T14:03:53	1	0	15	14	1	1.0527	1.0523	-0.0004	0.9969	0.9969	0.0000
2024-02-18T14:04:06	10	0	17	18	-1	1.0535	1.0516	-0.0019	1	1	0.0000
2024-02-18T14:04:09	1	0	2	2	0	1.0219	1.0218	-0.0001	0.9958	0.9958	0.0000
2024-02-18T14:05:06	2	0	1	1	0	1.0305	1.0298	-0.0007	0.9773	0.979	-0.0017
2024-02-18T14:05:31	2	0	11	11	0	1.0469	1.0469	-0.0001	-0.9997	-0.9997	0.0000
2024-02-18T14:05:48	1	0	4	4	0	1.0086	1.0085	-0.0002	-0.9992	-0.9991	-0.0001
2024-02-18T14:06:08	1	0	2	2	0	1.0678	1.0678	0.0000	0.6455	0.6478	-0.0023
2024-02-18T14:09:41	10	0	21	23	-2	1.0444	1.0431	-0.0012	0.9661	0.9663	-0.0002
2024-02-18T14:10:50	2	0	3	3	0	0.9890	0.9890	0.0000	0.9827	0.9827	0.0000
2024-02-18T14:11:46	1	0	1	1	0	1.0554	1.0550	-0.0004	0.9952	0.995	0.0002
2024-02-18T14:11:47	1	0	7	7	0	1.0491	1.0491	0.0000	-0.9941	-0.9941	0.0000
2024-02-18T14:13:42	2	0	15	13	2	1.0542	1.0545	0.0004	-0.9436	-0.9439	0.0003
2024-02-18T14:14:34	2	0	82	76	6	1.0548	1.0548	0.0000	-0.9795	-0.9796	0.0001
2024-02-18T14:15:20	3	0	10	10	0	1.0316	1.0314	-0.0003	0.9823	0.9822	0.0001
2024-02-18T14:15:22	2	0	1	1	0	1.0248	1.0243	-0.0005	0.9911	0.9909	0.0002
2024-02-18T14:15:35	19	0	534	527	7	0.8933	0.8947	0.0014	-0.9991	-0.9993	0.0002
2024-02-18T14:15:50	2	0	2	2	0	1.0509	1.0509	0.0000	-0.9999	-0.9999	0.0000
2024-02-18T14:17:31	3	0	11	11	0	1.0358	1.0355	-0.0002	-0.999	-0.9991	0.0001
2024-02-18T14:18:01	1	0	10	10	0	1.0360	1.0360	-0.0001	0.9643	0.9607	0.0036
2024-02-18T14:18:42	2	0	24	21	3	1.0511	1.0497	-0.0014	-0.9851	-0.9856	0.0005
2024-02-18T14:19:07	8	0	23	22	1	1.0495	1.0491	-0.0004	-1	-1	0.0000
2024-02-18T14:19:08	1	0	16	15	1	1.0523	1.0520	-0.0003	0.9975	0.9975	0.0000
2024-02-18T14:19:24	2	0	4	4	0	1.0130	1.0130	0.0000	0.9641	0.9641	0.0000
2024-02-18T14:19:59	2	0	9	9	0	1.0496	1.0495	-0.0001	0.9945	0.9941	0.0004
2024-02-18T14:20:07	2	0	2	2	0	1.0365	1.0356	-0.0009	0.9776	0.9793	-0.0017
2024-02-18T14:20:24	4	0	35	34	1	1.0531	1.0528	-0.0003	0.9991	0.9991	0.0000
2024-02-18T14:20:32	2	0	11	11	0	1.0491	1.0490	-0.0001	-0.9993	-0.9993	0.0000
2024-02-18T14:20:49	1	0	3	3	0	0.9989	0.9988	-0.0001	-0.9991	-0.999	-0.0001
2024-02-18T14:20:55	2	0	1	1	0	1.0580	1.0575	-0.0005	-0.9999	-0.9999	0.0000
2024-02-18T14:22:54	1	0	16	16	0	1.0507	1.0507	0.0000	0.9898	0.9898	0.0000
2024-02-18T14:24:24	1	0	1	1	0	0.9797	0.9797	0.0000	0.9818	0.9818	0.0000
2024-02-18T14:24:54	2	0	24	22	2	1.0568	1.0564	-0.0004	0.976	0.9754	0.0006
2024-02-18T14:25:50	5	0	49	44	5	0.9492	0.9499	0.0007	-0.9914	-0.9915	0.0001
2024-02-18T14:25:51	1	0	1	1	0	1.0386	1.0380	-0.0006	0.9797	0.9764	0.0033
2024-02-18T14:26:19	1	0	377	377	0	1.0939	1.0939	0.0000	0.9999	0.9999	0.0000
2024-02-18T14:26:26	1	0	2	2	0	1.0360	1.0359	-0.0002	-0.9614	-0.9616	0.0002
2024-02-18T14:26:48	1	0	9	9	0	1.0458	1.0458	0.0000	-0.9929	-0.9929	0.0000
2024-02-18T14:27:28	1	0	16	15	1	1.0528	1.0523	-0.0005	0.9976	0.9976	0.0000
2024-02-18T14:27:43	1	0	5	4	1	1.0552	1.0529	-0.0023	0.9984	0.9998	-0.0014
2024-02-18T14:29:43	3	0	28	27	1	1.0534	1.0533	-0.0001	-0.9819	-0.9819	0.0000
2024-02-18T14:30:21	4	0	11	11	0	1.0276	1.0274	-0.0002	0.9817	0.9814	0.0003
2024-02-18T14:30:23	2	0	1	1	0	1.0252	1.0247	-0.0005	0.9905	0.9903	0.0002
2024-02-18T14:30:47	18	0	550	548	2	0.8827	0.8833	0.0006	-0.9992	-0.9991	-0.0001
2024-02-18T14:31:31	2	0	10	10	0	1.0446	1.0443	-0.0003	0.9975	0.9975	0.0000
2024-02-18T14:32:22	1	0	67	66	1	1.0470	1.0469	-0.0001	-1	-0.9999	-0.0001
2024-02-18T14:32:33	1	0	1	1	0	1.0562	1.0561	-0.0001	0.9793	0.9793	0.0000
2024-02-18T14:32:34	8	0	73	70	3	1.0533	1.0532	-0.0001	-0.9999	-0.9999	0.0000
2024-02-18T14:32:40	3	0	12	12	0	1.0386	1.0385	-0.0001	-0.9989	-0.9989	0.0000
2024-02-18T14:33:02	1	0	11	11	0	1.0385	1.0385	0.0000	0.9676	0.9643	0.0033
2024-02-18T14:33:27	1	0	62	21	41	0.9878	0.9890	0.0013	0.9915	0.9914	0.0001
2024-02-18T14:33:43	2	0	17	14	3	1.0508	1.0488	-0.0020	-0.9874	-0.9848	-0.0026
2024-02-18T14:33:59	1	0	1	1	0	1.0176	1.0174	-0.0002	-0.9887	-0.9888	0.0001
2024-02-18T14:34:08	8	0	11	10	1	1.0497	1.0490	-0.0007	-1	-1	0.0000
2024-02-18T14:34:22	1	0	12	12	0	1.0513	1.0512	-0.0001	0.9984	0.9983	0.0001
2024-02-18T14:35:00	2	0	10	10	0	1.0510	1.0509	0.0000	0.9993	0.9992	0.0001
2024-02-18T14:35:33	2	0	12	12	0	1.0508	1.0507	-0.0001	-0.9996	-0.9996	0.0000
2024-02-18T14:35:46	6	0	10	10	0	1.0367	1.0365	-0.0002	0.9767	0.9762	0.0005
2024-02-18T14:35:52	1	0	1	1	0	1.0212	1.0212	0.0000	-0.9994	-0.9992	-0.0002
2024-02-18T14:35:56	2	0	1	1	0	1.0555	1.0553	-0.0002	-0.9999	-0.9999	0.0000
2024-02-18T14:36:12	2	0	2	2	0	1.0683	1.0680	-0.0004	-1	1	0.0000
2024-02-18T14:36:27	2	0	3	3	0	1.0397	1.0397	0.0000	0.9997	0.9997	0.0000
2024-02-18T14:37:49	1	0	2	2	0	1.0519	1.0516	-0.0004	0.9977	0.9977	0.0000
2024-02-18T14:39:25	1	0	1	1	0	0.9828	0.9829	0.0001	0.9808	0.9807	0.0001
2024-02-18T14:39:55	1	0	1	1	0	1.0301	1.0300	-0.0001	0.9705	0.9699	0.0006
2024-02-18T14:40:53	2	0	1	1	0	0.9921	0.9919	-0.0002	0.9803	0.9802	0.0001
2024-02-18T14:40:55	4	0	29	29	0	0.9462	0.9464	0.0002	-0.9895	-0.9893	-0.0002
2024-02-18T14:41:27	2	0	2	2	0	1.0353	1.0352	-0.0002	-0.9632	-0.9635	0.0003
2024-02-18T14:41:49	1	0	1	1	0	1.0556	1.0555	-0.0001	0.9997	0.9997	0.0000
2024-02-18T14:42:36	1	0	19	18	1	1.0533	1.0530	-0.0003	0.9979	0.9979	0.0000
2024-02-18T14:43:30	2	0	2	2	0	1.0063	1.0063	0.0000	-0.9806	-0.9805	-0.0001
2024-02-18T14:44:55	2	0	35	33	2	1.0536	1.0534	-0.0002	-0.9811	-0.9811	0.0000
2024-02-18T14:45:22	3	0	10	10	0	1.0262	1.0262	0.0000	0.9841	0.984	0.0001
2024-02-18T14:45:24	2	0	1	1	0	1.0263	1.0259	-0.0004	0.9905	0.9903	0.0002
2024-02-18T14:45:33	1	0	27	27	0	0.9462	0.9462	0.0000	0.9976	0.9976	0.0000
2024-02-18T14:45:52	2	0	2	2	0	1.0108	1.0109	0.0002	-0.9999	-0.9999	0.0000
2024-02-18T14:46:01	19	0	539	536	3	0.8713	0.8714	0.0001	-0.997	-0.9969	-0.0001
2024-02-18T14:46:32	2	0	7	7	0	1.0449	1.0449	0.0000	0.9972	0.9973	-0.0001
2024-02-18T14:46:37	2	0	3	3	0	1.0303	1.0301	-0.0002	0.9966	0.9966	0.0000
2024-02-18T14:47:35	1	0	67	67	0	1.0524	1.0523	0.0000	-0.9999	-0.9999	0.0000
2024-02-18T14:47:50	2	0	12	11	1	1.0350	1.0377	0.0027	-0.9986	-0.9987	0.0001
2024-02-18T14:48:35	3	0	55	53	2	1.0541	1.0539	-0.0003	0.9822	0.9819	0.0003

2024-02-18T14:48:44	1	0	18	15	3	1.0509	1.0490	-0.0018	-0.9885	-0.989	0.0005
2024-02-18T14:49:12	1	0	86	83	3	0.9411	0.9410	-0.0001	0.971	0.9708	0.0002
2024-02-18T14:49:26	1	0	5	5	0	1.0140	1.0140	0.0000	0.9622	0.9622	0.0000
2024-02-18T14:49:38	1	0	12	12	0	1.0512	1.0511	-0.0001	0.998	0.998	0.0000
2024-02-18T14:50:34	2	0	12	11	1	1.0500	1.0505	0.0005	-0.9991	-0.9991	0.0000
2024-02-18T14:50:47	1	0	14	13	1	1.0408	1.0397	-0.0011	0.9771	0.9771	0.0000
2024-02-18T14:52:56	1	0	13	13	0	1.0503	1.0503	0.0000	0.9895	0.9894	0.0001
2024-02-18T14:55:54	1	0	4	4	0	1.0117	1.0114	-0.0003	0.9803	0.9749	0.0054
2024-02-18T14:56:52	1	0	2	2	0	1.0276	1.0275	-0.0002	0.9869	0.9869	0.0000
2024-02-18T14:58:05	1	0	13	13	0	1.0475	1.0475	0.0000	0.9931	0.9931	0.0000
2024-02-18T15:00:06	1	0	27	27	0	1.0527	1.0527	-0.0001	-0.9819	-0.982	0.0001
2024-02-18T15:00:25	1	0	1	1	0	1.0287	1.0283	-0.0004	0.9905	0.9904	0.0001
2024-02-18T15:01:02	1	0	500	505	-5	0.8847	0.8852	0.0005	-0.9965	-0.9964	-0.0001
2024-02-18T15:02:29	1	0	1	1	0	1.0388	1.0383	-0.0005	0.9846	0.9845	0.0001
2024-02-18T15:03:33	1	0	8	8	0	1.0282	1.0219	-0.0063	0.9932	0.9929	0.0003
2024-02-18T15:03:45	1	0	11	9	2	1.0497	1.0476	-0.0021	-0.9875	-0.9881	0.0006
2024-02-18T15:05:10	3	0	2	2	0	1.0266	1.0264	-0.0003	0.9771	0.977	0.0001
2024-02-18T15:08:47	5	0	2	1	1	1.0337	1.0336	-0.0001	-0.9998	-0.9998	0.0000
2024-02-18T15:08:56	1	0	57	55	2	1.0517	1.0515	-0.0002	-0.9251	-0.9251	0.0000
2024-02-18T15:09:32	1	0	8	8	0	1.0513	1.0513	-0.0001	0.9986	0.9931	0.0055
2024-02-18T15:09:45	1	0	21	20	1	1.0461	1.0461	0.0001	0.968	0.9681	-0.0001
2024-02-18T15:12:47	1	0	412	412	0	1.0656	1.0656	0.0000	0.9998	0.9998	0.0000
2024-02-18T15:14:20	1	0	24	24	0	1.0472	1.0471	-0.0001	-0.9694	-0.9695	0.0001
2024-02-18T15:15:26	1	0	1	1	0	1.0281	1.0278	-0.0003	0.9921	0.992	0.0001
2024-02-18T15:16:49	2	0	2	2	0	1.0363	1.0361	-0.0002	1	1	0.0000
2024-02-18T15:17:30	2	0	1	1	0	1.0125	1.0119	-0.0006	0.985	0.985	0.0000
2024-02-18T15:18:34	1	0	12	12	0	0.9774	0.9776	0.0002	0.9929	0.9927	0.0002
2024-02-18T15:26:02	1	0	43	43	0	0.9431	0.9431	0.0001	-0.9908	-0.9906	-0.0002
2024-02-18T15:30:14	1	0	37	36	1	1.0540	1.0540	-0.0001	-0.9819	-0.9819	0.0000
2024-02-18T15:30:27	1	0	1	1	0	1.0271	1.0268	-0.0003	0.9936	0.9935	0.0001
2024-02-18T15:33:13	5	0	11	10	1	1.0319	1.0304	-0.0015	-0.9987	-0.9987	0.0000
2024-02-18T15:35:37	1	0	8	8	0	1.0382	1.0383	0.0001	-0.9992	-0.9991	-0.0001
2024-02-18T15:40:57	1	0	4	4	0	1.0168	1.0168	-0.0001	0.9849	0.9761	0.0088
2024-02-18T15:41:24	1	0	42	42	0	0.9495	0.9496	0.0001	0.9968	0.9968	0.0000
2024-02-18T15:42:53	1	0	486	484	2	1.0660	1.0659	0.0000	0.9999	0.9999	0.0000
2024-02-18T15:45:28	1	0	1	1	0	1.0276	1.0273	-0.0003	0.9916	0.9915	0.0001
2024-02-18T15:48:36	1	0	73	19	54	0.9776	0.9798	0.0023	0.9931	0.993	0.0001
2024-02-18T15:48:48	1	0	6	7	-1	1.0473	1.0465	-0.0008	-0.9839	-0.9843	0.0004
2024-02-18T15:50:53	1	0	12	11	1	1.0285	1.0348	0.0063	0.9728	0.9729	-0.0001
2024-02-18T16:00:29	1	0	1	1	0	1.0267	1.0265	-0.0002	0.992	0.9919	0.0001
2024-02-18T16:03:49	1	0	14	14	0	1.0471	1.0469	-0.0003	-0.9824	-0.9829	0.0005
2024-02-18T16:18:50	1	0	2	2	0	1.0472	1.0465	-0.0008	-0.9816	-0.9819	0.0003
2024-02-18T16:32:00	1	0	201	201	0	0.9348	0.9348	0.0000	0.984	0.984	0.0000
2024-02-18T17:03:53	1	0	2	2	0	1.0464	1.0460	-0.0004	-0.9869	-0.9868	-0.0001
2024-02-18T17:24:56	1	0	2	2	0	1.0346	1.0346	0.0000	-0.9886	-0.9886	0.0000
2024-02-19T07:55:51	1	0	133	133	0	0.9354	0.9355	0.0000	0.9976	0.9976	0.0000
2024-02-19T08:03:13	1	0	1148	1148	0	0.5661	0.5661	0.0000	0.6557	0.6555	0.0002
2024-02-19T08:06:38	1	0	152	152	0	0.9060	0.9060	0.0000	0.9721	0.972	0.0001
2024-02-19T08:10:22	1	0	88	89	-1	0.9357	0.9357	0.0001	-0.989	-0.9885	-0.0005
2024-02-19T08:18:19	1	0	1148	1148	0	0.5656	0.5656	0.0000	0.66	0.6598	0.0002
2024-02-19T08:20:06	2	0	79	74	5	0.9427	0.9428	0.0000	0.9946	0.9946	0.0000
2024-02-19T08:21:17	1	0	97	97	0	0.9443	0.9444	0.0001	0.9815	0.9818	-0.0003
2024-02-19T08:22:51	2	0	230	230	0	1.0605	1.0604	0.0000	-0.9765	-0.9764	-0.0001
2024-02-19T08:37:52	5	0	437	434	3	1.0619	1.0619	0.0000	-0.9716	-0.9715	-0.0001
2024-02-19T08:51:33	1	0	3	3	0	0.9395	0.9399	0.0004	-0.9867	-0.9864	-0.0003
2024-02-19T08:57:22	2	0	373	373	0	1.0637	1.0637	-0.0001	0.9996	0.9996	0.0000
2024-02-19T09:01:25	1	0	88	87	1	0.9406	0.9406	0.0000	0.9848	0.9848	0.0000
2024-02-19T09:01:51	2	0	10	10	0	0.9656	0.9656	0.0000	0.9997	0.9997	0.0000
2024-02-19T09:01:57	2	0	5	5	0	1.0430	1.0430	0.0000	0.9992	0.9993	-0.0001
2024-02-19T09:03:36	3	0	3	3	0	1.0258	1.0258	0.0000	-0.991	-0.991	0.0000
2024-02-19T09:03:40	1	0	1	1	0	1.0442	1.0442	0.0000	-0.9985	-0.9985	0.0000
2024-02-19T09:05:15	2	0	4	4	0	1.0470	1.0470	0.0000	0.9936	0.9936	0.0000
2024-02-19T09:06:20	1	0	81	81	0	0.9568	0.9573	0.0005	0.9823	0.9826	-0.0003
2024-02-19T09:06:34	1	0	3	3	0	0.9397	0.9402	0.0005	-0.99	-0.9898	-0.0002
2024-02-19T09:06:36	2	0	114	113	1	1.0432	1.0498	0.0066	0.9853	0.9854	-0.0001
2024-02-19T09:06:42	1	0	144	145	-1	0.9138	0.9139	0.0001	0.9758	0.9758	0.0000
2024-02-19T09:10:26	1	0	94	93	1	0.9327	0.9328	0.0001	-0.9923	-0.9919	-0.0004
2024-02-19T09:10:56	1	0	89	90	-1	0.9481	0.9482	0.0001	0.997	0.997	0.0000
2024-02-19T09:12:23	1	0	345	345	0	1.0623	1.0623	0.0000	0.9998	0.9997	0.0001
2024-02-19T09:18:26	1	0	1125	1124	1	0.5890	0.5890	0.0000	0.6486	0.6487	-0.0001
2024-02-19T09:20:06	1	0	10	10	0	1.0287	1.0287	-0.0001	0.9664	0.9585	0.0079
2024-02-19T09:20:11	2	0	21	19	2	0.9432	0.9433	0.0001	0.995	0.9951	-0.0001
2024-02-19T09:20:28	1	0	4	4	0	0.9921	0.9921	-0.0001	-0.9996	-0.9995	-0.0001
2024-02-19T09:24:08	2	0	3	3	0	1.0467	1.0464	-0.0003	0.993	0.9927	0.0003
2024-02-19T09:28:29	1	0	1	1	0	1.0346	1.0339	-0.0007	-0.9967	-0.9968	0.0001
2024-02-19T09:35:15	2	0	36	35	1	1.0480	1.0478	-0.0002	-0.9999	-0.9999	0.0000
2024-02-19T09:36:41	3	0	126	124	2	1.0212	1.0213	0.0001	0.985	0.9851	-0.0001
2024-02-19T09:37:56	1	0	157	156	1	1.0583	1.0583	0.0000	-0.9859	-0.9858	-0.0001
2024-02-19T09:42:49	1	0	1	1	0	0.9444	0.9449	0.0005	-1	-1	0.0000
2024-02-19T09:44:14	3	0	47	42	5	1.0554	1.0549	-0.0005	0.9991	0.9991	0.0000
2024-02-19T09:45:36	1	0	62	61	1	1.0552	1.0551	-0.0001	0.9962	0.9961	0.0001
2024-02-19T09:45:49	1	0	3	3	0	1.0232	1.0231	-0.0001	0.996	0.996	0.0000
2024-02-19T09:47:06	2	0	4	4	0	1.0279	1.0277	-0.0002	0.9725	0.9724	0.0001
2024-02-19T09:47:10	2	0	53	52	1	1.0529	1.0528	0.0000	0.9804	0.9804	0.0000
2024-02-19T09:48:28	1	0	2	2	0	0.9924	0.9928	0.0003	-0.9976	-0.9976	0.0000

2024-02-19T09:48:46	1	0	2	2	0	1.0446	1.0444	-0.0003	0.9964	0.9964	0.0000
2024-02-19T09:48:51	1	0	3	3	0	0.9664	0.9663	-0.0001	0.9956	0.9956	0.0000
2024-02-19T09:49:46	2	0	2	2	0	1.0281	1.0278	-0.0004	0.9738	0.9737	0.0001
2024-02-19T09:50:08	2	0	16	16	0	1.0398	1.0396	-0.0002	0.9591	0.9587	0.0004
2024-02-19T09:51:15	1	0	10	10	0	0.9674	0.9673	-0.0001	0.9949	0.9949	0.0000
2024-02-19T09:52:57	3	0	212	206	6	1.0595	1.0595	-0.0001	-0.9839	-0.9838	-0.0001
2024-02-19T09:57:09	1	0	22	14	8	0.9441	0.9441	0.0000	0.9778	0.9779	-0.0001
2024-02-19T09:57:26	1	0	486	485	1	1.0643	1.0645	0.0002	0.9999	0.9999	0.0000
2024-02-19T09:58:11	2	0	2	2	0	1.0017	1.0014	-0.0003	-0.9898	-0.9882	-0.0016
2024-02-19T09:58:51	1	0	1	1	0	1.0576	1.0572	-0.0004	-0.9986	-0.9986	0.0000
2024-02-19T09:59:15	3	0	16	16	0	1.0513	1.0512	-0.0001	0.9954	0.9954	0.0000
2024-02-19T09:59:59	3	0	196	194	2	1.0548	1.0548	0.0000	0.9991	0.9991	0.0000
2024-02-19T10:00:04	2	0	1	1	0	1.0227	1.0222	-0.0005	0.989	0.9889	0.0001
2024-02-19T10:00:54	2	0	1	0	1	1.0336	null	null	0.9915	0.9915	0.0000
2024-02-19T10:02:07	1	0	2	2	0	1.0314	1.0313	-0.0001	0.9744	0.9744	0.0000
2024-02-19T10:02:39	2	0	79	72	7	0.9470	0.9474	0.0003	0.9452	0.9452	0.0000
2024-02-19T10:03:29	1	0	1326	1326	0	0.6029	0.6028	-0.0001	0.6578	0.6581	-0.0003
2024-02-19T10:03:29	1	0	17	17	0	1.0559	1.0557	-0.0002	0.9986	0.9986	0.0000
2024-02-19T10:03:47	1	0	5	5	0	1.0412	1.0410	-0.0001	0.9963	0.9963	0.0000
2024-02-19T10:04:38	1	0	17	17	0	1.0518	1.0517	-0.0001	0.9896	0.9889	0.0007
2024-02-19T10:05:09	1	0	17	15	2	1.0406	1.0391	-0.0015	0.9611	0.961	0.0001
2024-02-19T10:05:17	1	0	3	3	0	1.0388	1.0387	-0.0001	-0.9995	-0.9995	0.0000
2024-02-19T10:05:17	9	0	46	45	1	1.0463	1.0462	-0.0001	-0.9995	-0.9996	0.0001
2024-02-19T10:06:24	1	0	5	5	0	1.0119	1.0117	-0.0002	0.9824	0.9816	0.0008
2024-02-19T10:06:46	2	0	148	148	0	0.9191	0.9191	0.0001	0.9764	0.9761	0.0003
2024-02-19T10:07:39	1	0	74	73	1	0.9734	0.9723	-0.0011	-0.9949	-0.9949	0.0000
2024-02-19T10:07:58	7	0	264	255	9	1.0604	1.0604	-0.0001	-0.9859	-0.9859	0.0000
2024-02-19T10:09:32	3	0	4	2	2	1.0522	1.0468	-0.0055	0.9993	0.9992	0.0001
2024-02-19T10:11:30	1	0	3	3	0	1.0505	1.0501	-0.0004	0.9962	0.9961	0.0001
2024-02-19T10:14:09	1	0	6	6	0	1.0446	1.0445	-0.0001	-0.9992	-0.9992	0.0000
2024-02-19T10:14:37	1	0	2	2	0	1.0142	1.0139	-0.0004	0.984	0.9839	0.0001
2024-02-19T10:15:05	1	0	1	1	0	1.0235	1.0233	-0.0002	0.9908	0.9907	0.0001
2024-02-19T10:15:52	2	0	4	4	0	1.0194	1.0191	-0.0003	0.9956	0.9955	0.0001
2024-02-19T10:16:11	1	0	2	2	0	1.0215	1.0211	-0.0004	-0.9842	-0.9842	0.0000
2024-02-19T10:17:04	1	0	17	17	0	1.0461	1.0461	-0.0001	0.9991	0.999	0.0001
2024-02-19T10:18:28	2	0	4	4	0	1.0280	1.0283	0.0003	0.9993	0.9993	0.0000
2024-02-19T10:18:30	1	0	1119	1118	1	0.5567	0.5567	0.0000	0.6514	0.6395	0.0119
2024-02-19T10:20:04	1	0	3	3	0	0.9865	0.9863	-0.0002	0.9943	0.9942	0.0001
2024-02-19T10:20:10	3	0	13	12	1	1.0356	1.0336	-0.0020	0.9673	0.9583	0.0090
2024-02-19T10:20:28	3	0	7	7	0	1.0529	1.0524	-0.0005	-0.9944	-0.9951	0.0007
2024-02-19T10:22:33	1	0	14	14	0	1.0483	1.0481	-0.0001	0.9894	0.9892	0.0002
2024-02-19T10:22:40	1	0	85	82	3	0.9815	0.9788	-0.0028	-0.9938	-0.9938	0.0000
2024-02-19T10:23:10	7	0	280	276	4	1.0601	1.0601	0.0000	-0.9843	-0.9842	-0.0001
2024-02-19T10:24:07	1	0	1	1	0	0.9835	0.9839	0.0004	0.981	0.9811	-0.0001
2024-02-19T10:24:10	2	0	59	60	-1	1.0186	1.0187	0.0001	0.9644	0.9657	-0.0013
2024-02-19T10:29:10	1	0	10	10	0	1.0448	1.0448	0.0000	-0.9995	-0.9995	0.0000
2024-02-19T10:29:17	2	0	21	21	0	1.0514	1.0513	-0.0001	0.9948	0.9948	0.0000
2024-02-19T10:30:01	1	0	237	234	3	1.0555	1.0555	0.0000	0.9989	0.9989	0.0000
2024-02-19T10:32:20	4	0	6	6	0	1.0335	1.0332	-0.0002	-0.9886	-0.9888	0.0002
2024-02-19T10:33:35	1	0	46	47	-1	1.0556	1.0555	-0.0001	0.9979	0.9979	0.0000
2024-02-19T10:33:38	1	0	1	1	0	1.0167	1.0164	-0.0003	0.9748	0.9746	0.0002
2024-02-19T10:33:49	3	0	5	5	0	1.0403	1.0399	-0.0004	0.9968	0.9967	0.0001
2024-02-19T10:35:05	3	0	27	27	0	0.9343	0.9349	0.0006	0.99	0.9903	-0.0003
2024-02-19T10:38:21	5	0	234	228	6	1.0606	1.0606	0.0000	-0.9846	-0.9846	0.0000
2024-02-19T10:39:38	1	0	1	1	0	1.0334	1.0331	-0.0003	0.9723	0.9716	0.0007
2024-02-19T10:40:35	1	0	2	1	1	1.0302	1.0299	-0.0003	0.9699	0.9698	0.0001
2024-02-19T10:40:46	1	0	48	42	6	1.0547	1.0544	-0.0003	0.9991	0.999	0.0001
2024-02-19T10:41:34	2	0	1	0	1	1.0558	null	null	0.9855	0.9854	0.0001
2024-02-19T10:43:10	1	0	1	1	0	1.0268	1.0265	-0.0003	0.9961	0.9961	0.0000
2024-02-19T10:43:27	2	0	18	17	1	1.0501	1.0503	0.0003	-0.984	-0.9841	0.0001
2024-02-19T10:44:39	1	0	2	2	0	1.0148	1.0144	-0.0003	0.9836	0.9836	0.0000
2024-02-19T10:45:07	5	0	2	0	2	1.0418	null	null	0.9893	0.9892	0.0001
2024-02-19T10:46:21	2	0	5	5	0	1.0377	1.0376	-0.0001	0.9952	0.9951	0.0001
2024-02-19T10:46:55	1	0	6	6	0	1.0355	1.0353	-0.0001	0.9917	0.9916	0.0001
2024-02-19T10:47:06	4	0	27	23	4	1.0490	1.0494	0.0004	0.9997	0.9997	0.0000
2024-02-19T10:47:10	1	0	5	4	1	1.0088	1.0278	0.0190	0.9729	0.9729	0.0000
2024-02-19T10:47:14	6	0	73	69	4	1.0534	1.0533	-0.0001	0.9803	0.9802	0.0001
2024-02-19T10:49:45	1	0	21	19	2	1.0536	1.0532	-0.0004	0.9948	0.994	0.0008
2024-02-19T10:50:10	2	0	12	12	0	0.9362	0.9365	0.0003	0.9914	0.9916	-0.0002
2024-02-19T10:50:15	4	0	22	20	2	1.0419	1.0408	-0.0011	0.9504	0.9494	0.0010
2024-02-19T10:50:20	1	0	1	1	0	1.0380	1.0377	-0.0003	-0.9997	-0.9997	0.0000
2024-02-19T10:50:42	2	0	3	3	0	1.0600	1.0596	-0.0004	-0.4908	-0.4965	0.0057
2024-02-19T10:51:02	2	0	2	2	0	1.0413	1.0383	-0.0030	0.995	0.9947	0.0003
2024-02-19T10:53:14	3	0	1	1	0	0.9409	0.9417	0.0008	0.9913	0.9915	-0.0002
2024-02-19T10:53:33	11	0	354	336	18	1.0616	1.0615	-0.0001	-0.984	-0.9841	0.0001
2024-02-19T10:55:33	5	0	82	82	0	0.9373	0.9378	0.0005	-0.9929	-0.993	0.0001
2024-02-19T10:56:05	1	0	3	3	0	1.0399	1.0397	-0.0002	0.9879	0.9879	0.0000
2024-02-19T10:56:37	2	0	27	26	1	1.0528	1.0526	-0.0002	0.998	0.998	0.0000
2024-02-19T10:56:45	1	0	2	2	0	1.0327	1.0325	-0.0003	0.9806	0.9806	0.0000
2024-02-19T10:57:55	1	0	4	4	0	1.0596	1.0595	-0.0002	1	1	0.0000
2024-02-19T10:58:28	2	0	14	13	1	1.0508	1.0517	0.0009	-0.9871	-0.9872	0.0001
2024-02-19T10:58:30	1	0	17	17	0	1.0485	1.0484	-0.0001	0.9975	0.9975	0.0000
2024-02-19T10:59:03	2	0	16	15	1	1.0489	1.0491	0.0001	-0.9897	-0.9898	0.0001
2024-02-19T10:59:12	1	0	10	10	0	1.0456	1.0456	0.0000	-0.9992	-0.9992	0.0000
2024-02-19T11:00:03	2	0	248	244	4	1.0560	1.0560	0.0000	0.9993	0.9993	0.0000

2024-02-19T11:00:08	2	0	2	1	1	1.0432	1.0262	-0.0169	0.9886	0.9884	0.0002
2024-02-19T11:00:43	3	0	4	4	0	1.0332	1.0330	-0.0002	-1	-1	0.0000
2024-02-19T11:01:23	2	0	5	5	0	1.0216	1.0212	-0.0004	0.9966	0.9965	0.0001
2024-02-19T11:02:07	2	0	29	28	1	1.0495	1.0494	-0.0001	0.9996	0.9996	0.0000
2024-02-19T11:02:15	5	0	71	68	3	1.0542	1.0540	-0.0001	0.9789	0.9788	0.0001
2024-02-19T11:03:25	1	0	2	0	2	1.0454	null	null	-0.9923	-0.9924	0.0001
2024-02-19T11:04:37	4	0	6	6	0	1.0513	1.0491	-0.0022	0.9997	0.9996	0.0001
2024-02-19T11:04:48	1	0	19	19	0	1.0529	1.0527	-0.0002	0.9887	0.9876	0.0011
2024-02-19T11:06:32	2	0	2	2	0	1.0568	1.0565	-0.0003	-0.9997	-0.9997	0.0000
2024-02-19T11:07:35	1	0	2	2	0	1.0507	1.0505	-0.0003	0.9985	0.9985	0.0000
2024-02-19T11:08:46	10	0	260	246	14	1.0606	1.0604	-0.0001	-0.9854	-0.9854	0.0000
2024-02-19T11:09:13	4	0	25	25	0	1.0015	1.0014	-0.0001	0.9637	0.9617	0.0020
2024-02-19T11:09:15	1	0	128	127	1	1.0573	1.0573	0.0000	0.9759	0.9751	0.0008
2024-02-19T11:09:46	1	0	1	1	0	1.0588	1.0577	-0.0011	0.9681	0.9679	0.0002
2024-02-19T11:11:32	1	0	1	0	1	1.0345	null	null	0.9929	0.9929	0.0000
2024-02-19T11:11:38	2	0	34	31	3	1.0544	1.0543	-0.0001	0.999	0.999	0.0000
2024-02-19T11:13:29	3	0	32	30	2	1.0521	1.0519	-0.0001	-0.9831	-0.9833	0.0002
2024-02-19T11:14:39	1	0	17	16	1	1.0491	1.0483	-0.0009	0.9975	0.9974	0.0001
2024-02-19T11:15:04	1	0	241	239	2	1.0559	1.0558	0.0000	0.9988	0.9988	0.0000
2024-02-19T11:16:03	2	0	1	1	0	1.0310	1.0302	-0.0008	0.9911	0.9907	0.0004
2024-02-19T11:17:08	2	0	35	33	2	1.0503	1.0503	-0.0001	0.9994	0.9994	0.0000
2024-02-19T11:17:16	3	0	78	74	4	1.0546	1.0545	-0.0001	0.9805	0.9804	0.0001
2024-02-19T11:18:49	1	0	2	2	0	1.0337	1.0336	-0.0002	-0.9961	-0.9961	0.0000
2024-02-19T11:19:50	1	0	25	24	1	1.0556	1.0553	-0.0003	0.991	0.9898	0.0012
2024-02-19T11:20:17	3	0	6	6	0	0.9528	0.9524	-0.0004	0.9908	0.9905	0.0003
2024-02-19T11:20:21	1	0	23	22	1	1.0454	1.0449	-0.0005	0.9515	0.9515	0.0000
2024-02-19T11:20:24	2	0	9	8	1	1.0468	1.0456	-0.0012	0.9922	0.9922	0.0000
2024-02-19T11:21:11	2	0	2	2	0	1.0476	1.0476	0.0000	0.9964	0.9964	0.0000
2024-02-19T11:21:29	2	0	1	1	0	1.0268	1.0264	-0.0004	0.9234	0.9221	0.0013
2024-02-19T11:21:29	3	0	5	5	0	1.0097	1.0094	-0.0003	0.9833	0.9832	0.0001
2024-02-19T11:21:33	1	0	3	3	0	1.0512	1.0511	-0.0002	1	1	0.0000
2024-02-19T11:23:59	6	0	338	333	5	1.0619	1.0619	0.0000	-0.9857	-0.9857	0.0000
2024-02-19T11:25:43	2	0	75	75	0	0.9412	0.9411	0.0000	-0.9944	-0.9943	-0.0001
2024-02-19T11:25:47	1	0	10	10	0	1.0324	1.0323	0.0000	0.9903	0.9902	0.0001
2024-02-19T11:27:57	1	0	2	2	0	1.0731	1.0721	-0.0010	0.989	0.9768	0.0122
2024-02-19T11:28:03	2	0	22	22	0	1.0511	1.0511	0.0000	0.9996	0.9995	0.0001
2024-02-19T11:28:33	3	0	41	40	1	1.0528	1.0524	-0.0004	-0.9765	-0.9766	0.0001
2024-02-19T11:30:05	1	0	279	274	5	1.0562	1.0562	0.0000	0.9993	0.9993	0.0000
2024-02-19T11:30:45	3	0	5	5	0	1.0378	1.0378	0.0000	-0.9942	-0.9942	0.0000
2024-02-19T11:31:24	2	0	2	2	0	1.0265	1.0265	-0.0001	0.9929	0.9929	0.0000
2024-02-19T11:31:45	4	0	3	3	0	1.0256	1.0255	-0.0002	0.9965	0.9965	0.0000
2024-02-19T11:32:01	2	0	3	3	0	1.0514	1.0514	0.0000	0.9999	0.9999	0.0000
2024-02-19T11:32:13	2	0	5	4	1	1.0122	1.0297	0.0175	0.9767	0.9768	-0.0001
2024-02-19T11:32:45	2	0	7	6	1	1.0423	1.0386	-0.0036	0.9624	0.9622	0.0002
2024-02-19T11:33:33	2	0	2	2	0	1.0538	1.0538	0.0000	0.9992	0.9992	0.0000
2024-02-19T11:33:35	2	0	1088	1088	0	0.5672	0.5674	0.0002	0.6483	0.6483	0.0000
2024-02-19T11:33:46	5	0	11	11	0	1.0422	1.0422	0.0000	-0.9873	-0.9874	0.0001
2024-02-19T11:33:57	1	0	1	1	0	1.0359	1.0359	0.0000	-0.9953	-0.9953	0.0000
2024-02-19T11:33:58	1	0	6	8	-2	0.9482	0.9470	-0.0012	0.9718	0.9657	0.0061
2024-02-19T11:34:52	2	0	26	22	4	1.0556	1.0553	-0.0003	0.9892	0.9884	0.0008
2024-02-19T11:35:30	2	0	9	9	0	1.0479	1.0478	-0.0001	0.9912	0.9912	0.0000
2024-02-19T11:35:51	3	0	4	4	0	1.0578	1.0575	-0.0002	-0.201	-0.2018	0.0008
2024-02-19T11:36:49	3	0	8	9	-1	1.0584	1.0580	-0.0003	0.9947	0.9947	0.0000
2024-02-19T11:39:17	3	0	39	2	37	1.0561	1.0452	-0.0108	0.9686	0.9362	0.0324
2024-02-19T11:41:16	1	0	46	41	5	1.0540	1.0537	-0.0003	0.9992	0.9992	0.0000
2024-02-19T11:42:16	1	0	2	2	0	1.0026	1.0026	0.0000	0.9763	0.9762	0.0001
2024-02-19T11:42:58	2	0	2	2	0	1.0850	1.0850	0.0000	0.9973	0.9973	0.0000
2024-02-19T11:43:07	2	0	18	18	0	1.0523	1.0523	0.0000	0.9991	0.9991	0.0000
2024-02-19T11:44:10	2	0	2	0	2	1.0556	null	null	-0.9314	-0.931	-0.0004
2024-02-19T11:45:11	2	0	2	1	1	1.0433	1.0254	-0.0178	0.9897	0.9896	0.0001
2024-02-19T11:45:11	2	0	292	291	1	1.0566	1.0566	0.0000	0.9992	0.9992	0.0000
2024-02-19T11:45:46	3	0	3	3	0	1.0055	1.0055	0.0000	-0.9999	-0.9998	-0.0001
2024-02-19T11:46:17	1	0	1	1	0	1.0632	1.0632	0.0000	-0.9749	-0.9749	0.0000
2024-02-19T11:47:02	2	0	3	3	0	1.0514	1.0514	0.0000	0.9999	0.9999	0.0000
2024-02-19T11:47:09	1	0	39	38	1	1.0462	1.0460	-0.0003	-0.9999	-0.9999	0.0000
2024-02-19T11:47:14	2	0	4	5	-1	1.0306	1.0135	-0.0170	0.9775	0.9775	0.0000
2024-02-19T11:47:18	5	0	132	130	2	1.0553	1.0553	0.0000	0.979	0.979	0.0000
2024-02-19T11:47:46	1	0	9	9	0	1.0440	1.0425	-0.0015	0.9622	0.9622	0.0000
2024-02-19T11:48:34	2	0	4	4	0	1.0460	1.0460	0.0000	0.9998	0.9998	0.0000
2024-02-19T11:48:36	1	0	1	1	0	1.0451	1.0451	0.0000	-0.9983	-0.9983	0.0000
2024-02-19T11:48:57	1	0	2	2	0	1.0317	1.0317	0.0000	-0.9941	-0.9941	0.0000
2024-02-19T11:48:59	1	0	18	17	1	0.9421	0.9420	-0.0002	0.9733	0.9675	0.0058
2024-02-19T11:49:54	1	0	27	26	1	1.0562	1.0560	-0.0002	0.9916	0.9915	0.0001
2024-02-19T11:50:19	8	0	5	5	0	1.0373	0.9992	-0.0380	0.9976	0.9974	0.0002
2024-02-19T11:50:36	2	0	8	8	0	1.0483	1.0481	-0.0002	0.9903	0.9902	0.0001
2024-02-19T11:51:23	1	0	9	10	-1	0.9911	0.9976	0.0065	0.9954	0.9955	-0.0001
2024-02-19T11:53:18	3	0	1	2	-1	0.9390	0.9419	0.0028	0.9917	0.9917	0.0000
2024-02-19T11:55:49	1	0	8	8	0	1.0340	1.0340	0.0000	0.9907	0.9907	0.0000
2024-02-19T11:56:23	1	0	31	29	2	1.0544	1.0542	-0.0003	0.9988	0.9988	0.0000
2024-02-19T11:57:17	1	0	2	2	0	1.0025	1.0025	0.0000	0.9769	0.9768	0.0001
2024-02-19T11:57:36	3	0	18	16	2	1.0491	1.0483	-0.0008	1	1	0.0000
2024-02-19T11:57:59	2	0	4	4	0	1.0608	1.0608	0.0000	0.992	0.992	0.0000
2024-02-19T12:01:18	1	0	3	3	0	1.0527	1.0527	0.0000	-0.9732	-0.9732	0.0000
2024-02-19T12:02:03	2	0	3	3	0	1.0469	1.0469	-0.0001	1	1	0.0000
2024-02-19T12:03:37	4	0	6	6	0	1.0501	1.0495	-0.0006	-0.9975	-0.9976	0.0001

2024-02-19T12:03:48	5	0	9	10	-1	1.0467	1.0446	-0.0021	-0.988	-0.9881	0.0001
2024-02-19T12:03:58	1	0	2	2	0	1.0323	1.0323	0.0000	-0.9954	-0.9954	0.0000
2024-02-19T12:04:56	1	0	31	30	1	1.0566	1.0565	-0.0001	0.9929	0.9929	0.0000
2024-02-19T12:05:41	2	0	17	16	1	1.0497	1.0490	-0.0007	0.993	0.9929	0.0001
2024-02-19T12:10:50	1	0	9	9	0	1.0342	1.0342	0.0000	0.99	0.99	0.0000
2024-02-19T12:11:28	1	0	41	38	3	1.0546	1.0544	-0.0002	0.9986	0.9986	0.0000
2024-02-19T12:12:18	1	0	2	2	0	1.0062	1.0062	0.0000	0.9762	0.9761	0.0001
2024-02-19T12:14:17	1	0	31	30	1	1.0487	1.0485	-0.0002	-0.9974	-0.9974	0.0000
2024-02-19T12:15:11	1	0	3	3	0	1.0115	1.0111	-0.0004	0.9853	0.9852	0.0001
2024-02-19T12:15:48	3	0	3	3	0	1.0668	1.0668	0.0000	1	1	0.0000
2024-02-19T12:20:26	1	0	14	13	1	1.0461	1.0452	-0.0008	-0.9999	-0.9998	-0.0001
2024-02-19T12:23:54	12	0	95	92	3	1.0568	1.0566	-0.0003	-0.9575	-0.958	0.0005
2024-02-19T12:32:17	2	0	3	4	-1	1.0305	1.0093	-0.0212	0.9785	0.9787	-0.0002
2024-02-19T12:33:02	1	0	5	4	1	1.0520	1.0503	-0.0017	0.9721	0.9721	0.0000
2024-02-19T12:33:37	5	0	4	4	0	1.0340	1.0338	-0.0002	0.9964	0.9963	0.0001
2024-02-19T12:35:52	2	0	16	15	1	1.0498	1.0493	-0.0005	0.9915	0.9915	0.0000
2024-02-19T12:35:57	3	0	7	9	-2	1.0530	1.0526	-0.0004	0.6487	0.6383	0.0104
2024-02-19T12:47:18	1	0	2	1	1	0.9795	1.0238	0.0443	0.9764	0.9765	-0.0001
2024-02-19T12:48:40	6	0	187	17	170	0.9136	1.0348	0.1213	-0.9998	-0.998	-0.0018
2024-02-19T12:55:53	1	0	4	4	0	1.0311	1.0310	0.0000	0.9902	0.9902	0.0000
2024-02-19T12:58:03	2	0	3	4	-1	1.0692	1.0660	-0.0032	0.9988	0.9988	0.0000
2024-02-19T13:00:14	1	0	3	3	0	0.9366	0.9366	0.0000	0.9811	0.9811	0.0000
2024-02-19T13:04:04	1	0	9	9	0	0.9400	0.9400	0.0000	0.9706	0.9707	-0.0001
2024-02-19T13:17:06	4	0	3	5	-2	1.0281	1.0249	-0.0032	0.9968	0.9969	-0.0001
2024-02-19T13:18:42	1	0	2	2	0	0.9932	0.9933	0.0001	-0.9975	-0.9975	0.0000
2024-02-19T13:21:24	1	0	1	1	0	1.0401	1.0401	0.0000	0.9973	0.9973	0.0000
2024-02-19T13:25:54	3	0	13	12	1	0.9632	0.9649	0.0017	-0.9922	-0.992	-0.0002
2024-02-19T13:30:16	1	0	5	5	0	0.9627	0.9625	-0.0002	0.9784	0.9784	0.0000
2024-02-19T13:30:18	2	0	342	344	-2	1.0573	1.0573	0.0000	0.9991	0.9992	-0.0001
2024-02-19T13:31:52	1	0	1	1	0	1.0410	1.0407	-0.0003	0.9986	0.9986	0.0000
2024-02-19T13:35:31	8	0	27	27	0	0.9386	0.9386	0.0000	0.9942	0.9944	-0.0002
2024-02-19T13:43:15	2	0	6	6	0	1.0473	1.0473	0.0000	0.9863	0.9863	0.0000
2024-02-19T13:48:42	2	0	2	2	0	0.9757	0.9758	0.0001	0.994	0.994	0.0000
2024-02-19T13:48:44	2	0	3	3	0	1.0533	1.0533	0.0000	-0.9965	-0.9965	0.0000
2024-02-19T13:56:15	1	0	365	365	0	1.0959	1.0959	0.0000	0.9996	0.9996	0.0000
2024-02-19T14:00:18	1	0	4	5	-1	0.9767	0.9703	-0.0064	0.9819	0.9799	0.0020
2024-02-19T14:00:20	4	0	143	143	0	1.0531	1.0530	0.0000	0.993	0.993	0.0000
2024-02-19T14:02:15	1	0	5	5	0	1.0238	1.0238	0.0000	0.9968	0.9968	0.0000
2024-02-19T14:03:37	2	0	7	6	1	1.0482	1.0481	-0.0001	-0.9925	-0.9928	0.0003
2024-02-19T14:03:43	2	0	2	2	0	0.9789	0.9789	0.0000	0.9944	0.9944	0.0000
2024-02-19T14:03:45	3	0	6	6	0	1.0490	1.0484	-0.0006	-0.9946	-0.9947	0.0001
2024-02-19T14:03:57	1	0	5	5	0	1.0413	1.0412	0.0000	-0.997	-0.997	0.0000
2024-02-19T14:04:51	4	0	2	2	0	1.0457	1.0457	0.0000	0.9837	0.9839	-0.0002
2024-02-19T14:05:05	2	0	1	1	0	1.0284	1.0284	0.0000	0.9792	0.9793	-0.0001
2024-02-19T14:05:07	2	0	40	40	0	1.0567	1.0564	-0.0003	0.9974	0.9968	0.0006
2024-02-19T14:05:32	7	0	32	30	2	1.0451	1.0448	-0.0003	0.9629	0.9528	0.0101
2024-02-19T14:06:22	2	0	6	5	1	1.0411	1.0424	0.0014	0.9951	0.9948	0.0003
2024-02-19T14:06:44	5	0	7	7	0	1.0486	1.0485	-0.0001	-0.9984	-0.9985	0.0001
2024-02-19T14:09:48	2	0	1	2	-1	1.0614	1.0584	-0.0030	0.9967	0.9968	-0.0001
2024-02-19T14:10:57	6	0	21	22	-1	0.9545	0.9573	0.0028	-0.9922	-0.9923	0.0001
2024-02-19T14:11:16	1	0	364	363	1	1.0947	1.0947	0.0000	0.9994	0.9994	0.0000
2024-02-19T14:11:47	2	0	11	11	0	1.0492	1.0483	-0.0009	0.9928	0.9928	0.0000
2024-02-19T14:12:45	5	0	67	64	3	1.0512	1.0509	-0.0003	-0.9994	-0.9994	0.0000
2024-02-19T14:14:25	2	0	46	45	1	1.0512	1.0511	-0.0001	-0.994	-0.994	0.0000
2024-02-19T14:14:51	4	0	5	5	0	1.0506	1.0486	-0.0021	0.9929	0.9929	0.0000
2024-02-19T14:15:21	2	0	135	132	3	1.0525	1.0524	-0.0001	0.9929	0.9929	0.0000
2024-02-19T14:17:09	1	0	3	4	-1	1.0305	1.0293	-0.0012	0.9921	0.9921	0.0000
2024-02-19T14:17:16	5	0	4	4	0	1.0234	1.0230	-0.0004	0.9972	0.9972	0.0000
2024-02-19T14:17:24	2	0	2	2	0	1.0254	1.0250	-0.0005	0.98	0.9799	0.0001
2024-02-19T14:17:28	3	0	56	56	0	1.0535	1.0535	0.0000	0.9798	0.9798	0.0000
2024-02-19T14:17:35	4	0	4	4	0	1.0457	1.0456	0.0000	-0.9735	-0.9733	-0.0002
2024-02-19T14:17:58	1	0	79	73	6	1.0436	1.0435	-0.0001	0.9618	0.9616	0.0002
2024-02-19T14:18:44	2	0	2	2	0	0.9795	0.9796	0.0001	0.9934	0.9934	0.0000
2024-02-19T14:18:46	6	0	6	5	1	1.0488	1.0487	-0.0002	-0.9968	-0.9969	0.0001
2024-02-19T14:18:58	1	0	5	5	0	1.0426	1.0426	0.0000	-0.9964	-0.9964	0.0000
2024-02-19T14:20:09	2	0	35	32	3	1.0566	1.0563	-0.0003	0.9957	0.9949	0.0008
2024-02-19T14:20:34	7	0	25	24	1	1.0468	1.0461	-0.0007	-0.999	-0.9992	0.0002
2024-02-19T14:20:37	5	0	37	32	5	1.0457	1.0455	-0.0002	0.9545	0.9539	0.0006
2024-02-19T14:20:48	1	0	1	1	0	0.9378	0.9378	0.0000	-0.9999	-0.9999	0.0000
2024-02-19T14:21:06	2	0	2	2	0	1.0661	1.0656	-0.0006	-0.6205	-0.6382	0.0177
2024-02-19T14:21:45	1	0	13	13	0	1.0503	1.0503	0.0000	-0.9969	-0.997	0.0001
2024-02-19T14:22:48	2	0	1	1	0	1.0557	1.0553	-0.0004	0.9922	0.992	0.0002
2024-02-19T14:24:21	10	0	215	213	2	1.0604	1.0604	0.0000	-0.9873	-0.9873	0.0000
2024-02-19T14:24:26	7	0	38	35	3	1.0534	1.0526	-0.0008	0.9621	0.9642	-0.0021
2024-02-19T14:24:28	1	0	44	44	0	1.0560	1.0559	-0.0001	0.9731	0.9729	0.0002
2024-02-19T14:24:57	2	0	1	1	0	1.0601	1.0601	0.0000	0.9962	0.9962	0.0000
2024-02-19T14:25:58	4	0	6	6	0	0.9939	0.9936	-0.0002	-0.992	-0.9921	0.0001
2024-02-19T14:25:59	1	0	5	5	0	1.0306	1.0306	0.0000	0.9845	0.9844	0.0001
2024-02-19T14:26:48	1	0	15	14	1	1.0486	1.0481	-0.0005	0.9942	0.9941	0.0001
2024-02-19T14:27:16	1	0	46	40	6	1.0547	1.0544	-0.0003	0.9992	0.9992	0.0000
2024-02-19T14:28:37	1	0	15	15	0	1.0468	1.0467	-0.0001	0.9987	0.9987	0.0000
2024-02-19T14:28:44	2	0	22	20	2	1.0518	1.0518	0.0000	0.9978	0.9977	0.0001
2024-02-19T14:28:50	6	0	8	7	1	1.0492	1.0480	-0.0012	-0.9939	-0.994	0.0001
2024-02-19T14:29:17	2	0	3	3	0	1.0449	1.0449	0.0000	-0.9848	-0.9847	-0.0001
2024-02-19T14:29:36	2	0	45	43	2	1.0501	1.0501	0.0000	-0.9945	-0.9946	0.0001

2024-02-19T14:29:56	1	0	10	10	0	1.0470	1.0470	0.0000	0.993	0.993	0.0000
2024-02-19T14:30:20	4	0	4	4	0	1.0249	1.0243	-0.0006	0.986	0.9856	0.0004
2024-02-19T14:30:22	4	0	149	145	4	1.0535	1.0535	0.0000	0.9931	0.993	0.0001
2024-02-19T14:30:22	2	0	1	1	0	1.0307	1.0303	-0.0004	0.99	0.9898	0.0002
2024-02-19T14:30:52	1	0	3	3	0	1.0427	1.0426	-0.0001	0.9989	0.9988	0.0001
2024-02-19T14:32:10	1	0	11	11	0	1.0434	1.0433	0.0000	0.9942	0.9942	0.0000
2024-02-19T14:32:21	1	0	41	40	1	1.0540	1.0535	-0.0005	0.9995	0.9995	0.0000
2024-02-19T14:32:24	8	0	6	6	0	1.0231	1.0227	-0.0004	0.9976	0.9974	0.0002
2024-02-19T14:32:25	1	0	2	2	0	1.0344	1.0343	-0.0001	0.9802	0.9802	0.0000
2024-02-19T14:32:29	3	0	70	70	0	1.0543	1.0543	0.0000	0.98	0.9799	0.0001
2024-02-19T14:33:45	2	0	1	1	0	0.9781	0.9783	0.0002	0.9954	0.9954	0.0000
2024-02-19T14:33:51	2	0	1307	1307	0	0.5668	0.5668	0.0000	0.6541	0.6544	-0.0003
2024-02-19T14:33:59	2	0	10	10	0	1.0451	1.0450	0.0000	-0.9959	-0.9959	0.0000
2024-02-19T14:34:57	1	0	1	1	0	1.0378	1.0375	-0.0003	0.9834	0.9833	0.0001
2024-02-19T14:35:13	2	0	39	38	1	1.0569	1.0568	-0.0001	0.9966	0.9961	0.0005
2024-02-19T14:35:44	9	0	48	45	3	1.0474	1.0471	-0.0002	0.9578	0.9566	0.0012
2024-02-19T14:36:24	2	0	14	14	0	1.0435	1.0435	0.0000	0.996	0.996	0.0000
2024-02-19T14:36:46	1	0	12	12	0	1.0494	1.0493	0.0000	-0.997	-0.997	0.0000
2024-02-19T14:37:01	1	0	30	30	0	1.0584	1.0583	-0.0001	0.9895	0.9895	0.0000
2024-02-19T14:39:32	2	0	11	11	0	1.0526	1.0525	-0.0001	0.9685	0.9681	0.0004
2024-02-19T14:39:34	4	0	220	215	5	1.0596	1.0595	0.0000	-0.9857	-0.9857	0.0000
2024-02-19T14:40:04	2	0	1	1	0	1.0583	1.0582	-0.0001	0.997	0.997	0.0000
2024-02-19T14:40:59	5	0	4	4	0	1.0048	1.0047	-0.0002	-0.9903	-0.9904	0.0001
2024-02-19T14:41:49	1	0	6	6	0	1.0481	1.0481	0.0000	0.9917	0.9917	0.0000
2024-02-19T14:42:25	1	0	45	42	3	1.0541	1.0539	-0.0002	0.9995	0.9995	0.0000
2024-02-19T14:42:46	3	0	483	479	4	1.0638	1.0638	0.0000	-0.9999	-0.9999	0.0000
2024-02-19T14:43:10	3	0	4	4	0	1.0581	1.0579	-0.0002	0.982	0.9817	0.0003
2024-02-19T14:43:38	1	0	12	12	0	1.0464	1.0463	0.0000	0.9985	0.9985	0.0000
2024-02-19T14:43:45	1	0	31	31	0	1.0531	1.0531	0.0000	0.998	0.998	0.0000
2024-02-19T14:43:49	2	0	31	31	0	1.0520	1.0520	0.0000	-0.9744	-0.9744	0.0000
2024-02-19T14:44:18	2	0	19	19	0	1.0484	1.0484	0.0000	-0.9822	-0.9822	0.0000
2024-02-19T14:44:49	2	0	44	44	0	1.0500	1.0500	0.0000	-0.994	-0.994	0.0000
2024-02-19T14:44:57	1	0	6	6	0	1.0486	1.0486	0.0000	0.9928	0.9927	0.0001
2024-02-19T14:45:23	2	0	135	135	0	1.0524	1.0524	0.0000	0.9926	0.9926	0.0000
2024-02-19T14:45:23	2	0	1	1	0	1.0270	1.0267	-0.0003	0.9901	0.99	0.0001
2024-02-19T14:46:31	2	0	1	1	0	1.0385	1.0379	-0.0006	0.9916	0.9914	0.0002
2024-02-19T14:46:57	2	0	3	2	1	1.0368	1.0365	-0.0003	0.9958	0.9957	0.0001
2024-02-19T14:47:22	1	0	37	33	4	1.0510	1.0509	-0.0001	0.9992	0.9992	0.0000
2024-02-19T14:47:26	2	0	2	2	0	1.0266	1.0262	-0.0004	0.9808	0.9807	0.0001
2024-02-19T14:47:33	2	0	6	6	0	1.0247	1.0245	-0.0002	0.9976	0.9975	0.0001
2024-02-19T14:48:48	9	0	9	8	1	1.0504	1.0506	0.0002	-0.9922	-0.9925	0.0003
2024-02-19T14:50:09	1	0	3	3	0	1.0476	1.0475	-0.0001	0.9971	0.9969	0.0002
2024-02-19T14:50:14	1	0	36	32	4	1.0566	1.0561	-0.0005	0.99	0.9887	0.0013
2024-02-19T14:50:52	1	0	2	2	0	0.9786	0.9786	-0.0001	-0.9998	-0.9997	-0.0001
2024-02-19T14:51:35	3	0	9	9	0	0.9952	0.9950	-0.0001	0.9979	0.9978	0.0001
2024-02-19T14:51:47	2	0	12	12	0	1.0477	1.0476	-0.0001	-0.9971	-0.9972	0.0001
2024-02-19T14:54:28	1	0	19	19	0	1.0483	1.0483	0.0000	0.9621	0.9621	0.0000
2024-02-19T14:55:53	1	0	1	1	0	1.0398	1.0391	-0.0007	0.9746	0.9668	0.0078
2024-02-19T14:56:01	1	0	12	12	0	1.0331	1.0331	-0.0001	0.9903	0.9904	-0.0001
2024-02-19T14:59:01	1	0	1	1	0	1.0386	1.0385	-0.0001	-0.993	-0.9931	0.0001
2024-02-19T15:00:22	1	0	4	4	0	0.9791	0.9791	-0.0001	0.9876	0.9875	0.0001
2024-02-19T15:00:24	1	0	1	1	0	1.0293	1.0289	-0.0004	0.9896	0.9895	0.0001
2024-02-19T15:01:58	1	0	2	2	0	1.0385	1.0382	-0.0003	0.9969	0.9968	0.0001
2024-02-19T15:02:12	1	0	15	15	0	1.0433	1.0433	-0.0001	0.9954	0.9953	0.0001
2024-02-19T15:02:51	3	0	29	27	2	1.0524	1.0524	0.0000	0.998	0.9979	0.0001
2024-02-19T15:03:41	2	0	18	14	4	1.0507	1.0482	-0.0025	-0.9844	-0.9851	0.0007
2024-02-19T15:03:52	2	0	18	18	0	1.0485	1.0484	-0.0001	-0.9904	-0.9904	0.0000
2024-02-19T15:05:15	1	0	73	57	16	1.0570	1.0571	0.0000	0.9971	0.9963	0.0008
2024-02-19T15:05:51	1	0	69	66	3	1.0464	1.0463	-0.0001	0.9563	0.9559	0.0004
2024-02-19T15:06:31	1	0	3	3	0	1.0409	1.0409	0.0000	0.9993	0.9993	0.0000
2024-02-19T15:09:36	3	0	257	252	5	1.0608	1.0608	0.0000	-0.9857	-0.9856	-0.0001
2024-02-19T15:12:05	1	0	5	5	0	1.0484	1.0483	-0.0001	0.9861	0.986	0.0001
2024-02-19T15:12:57	1	0	468	470	-2	1.0625	1.0625	0.0000	-0.9999	-0.9999	0.0000
2024-02-19T15:15:23	2	0	4	4	0	0.9905	0.9905	0.0000	0.9863	0.9863	0.0000
2024-02-19T15:15:25	1	0	1	1	0	1.0286	1.0283	-0.0003	0.9907	0.9906	0.0001
2024-02-19T15:16:59	1	0	4	4	0	1.0363	1.0362	-0.0001	0.9972	0.9971	0.0001
2024-02-19T15:17:28	1	0	3	4	-1	1.0357	1.0130	-0.0227	0.9818	0.9818	0.0000
2024-02-19T15:18:42	1	0	15	11	4	1.0505	1.0482	-0.0023	-0.9816	-0.9822	0.0006
2024-02-19T15:19:09	3	0	18	15	3	1.0456	1.0449	-0.0007	0.9972	0.9971	0.0001
2024-02-19T15:20:18	2	0	54	49	5	1.0573	1.0572	-0.0001	0.9987	0.9978	0.0009
2024-02-19T15:24:37	3	0	294	292	2	1.0605	1.0605	0.0000	-0.9855	-0.9855	0.0000
2024-02-19T15:25:55	1	0	8	7	1	0.9432	0.9437	0.0005	0.9725	0.9729	-0.0004
2024-02-19T15:26:31	1	0	4	4	0	1.0396	1.0396	-0.0001	-0.962	-0.9624	0.0004
2024-02-19T15:32:58	1	0	6	6	0	1.0264	1.0261	-0.0002	0.9971	0.997	0.0001
2024-02-19T15:33:43	1	0	16	14	2	1.0494	1.0487	-0.0007	-0.9856	-0.9861	0.0005
2024-02-19T15:39:31	4	0	40	40	0	1.0473	1.0472	-0.0001	0.9663	0.9662	0.0001
2024-02-19T15:39:36	1	0	9	9	0	1.0540	1.0539	0.0000	0.9932	0.9932	0.0000
2024-02-19T15:41:03	3	0	2	2	0	0.9872	0.9875	0.0003	-0.9855	-0.985	-0.0005
2024-02-19T15:43:06	1	0	500	500	0	1.0648	1.0648	0.0000	-0.9999	-0.9999	0.0000
2024-02-19T15:45:09	1	0	52	51	1	1.0508	1.0507	-0.0001	-0.9933	-0.9933	0.0000
2024-02-19T15:54:38	1	0	27	27	0	1.0097	1.0096	0.0000	0.9655	0.9661	-0.0006
2024-02-19T15:56:23	1	0	13	13	0	1.0339	1.0340	0.0001	0.9985	0.9986	-0.0001
2024-02-19T15:58:09	1	0	466	466	0	1.0656	1.0656	0.0000	-1	-1	0.0000
2024-02-19T16:00:19	1	0	67	64	3	1.0523	1.0521	-0.0002	-0.9936	-0.9936	0.0000
2024-02-19T16:08:20	1	0	7	7	0	1.0343	1.0343	0.0000	0.9993	0.9993	0.0000

2024-02-19T16:15:26	1	0	63	61	2	1.0519	1.0518	-0.0001	-0.9907	-0.9907	0.0000
2024-02-19T16:18:46	1	0	3	3	0	1.0452	1.0448	-0.0004	-0.9818	-0.9822	0.0004
2024-02-19T16:30:03	1	0	1	1	0	0.9428	0.9435	0.0007	0.9779	0.9779	0.0000
2024-02-19T16:33:47	1	0	3	3	0	1.0481	1.0476	-0.0005	-0.9842	-0.9845	0.0003
2024-02-19T16:48:48	1	0	13	13	0	1.0473	1.0471	-0.0001	-0.9847	-0.9847	0.0000
2024-02-19T17:03:49	1	0	11	11	0	1.0477	1.0475	-0.0001	-0.9854	-0.9853	-0.0001
2024-02-19T17:07:06	2	0	10	10	0	0.9985	0.9989	0.0004	0.9866	0.9867	-0.0001
2024-02-19T17:16:58	1	0	129	129	0	0.9403	0.9403	0.0000	0.9854	0.9854	0.0000
2024-02-20T07:50:05	2	0	60	57	3	0.9487	0.9490	0.0003	-0.974	-0.9738	-0.0002
2024-02-20T07:51:34	2	0	151	151	0	0.9406	0.9407	0.0001	0.9915	0.9915	0.0000
2024-02-20T07:59:21	2	0	70	69	1	0.9422	0.9423	0.0001	0.9909	0.9909	0.0000
2024-02-20T08:03:16	1	0	1381	1381	0	0.5984	0.5984	0.0000	0.6722	0.6725	-0.0003
2024-02-20T08:06:35	2	0	139	139	0	0.9609	0.9611	0.0001	0.9824	0.991	-0.0086
2024-02-20T08:06:40	1	0	104	104	0	0.9094	0.9095	0.0001	0.9767	0.9766	0.0001
2024-02-20T08:18:38	1	0	90	90	0	0.9576	0.9576	0.0000	0.9779	0.9783	-0.0004
2024-02-20T08:21:14	1	0	41	41	0	1.0235	1.0234	0.0000	0.9999	0.9999	0.0000
2024-02-20T08:36:15	1	0	44	44	0	1.0283	1.0283	0.0000	0.9998	0.9997	0.0001
2024-02-20T08:36:38	1	0	1	1	0	0.9433	0.9437	0.0004	-0.9945	-0.9924	-0.0021
2024-02-20T08:46:26	1	0	102	102	0	0.9409	0.9409	0.0000	0.9833	0.9833	0.0000
2024-02-20T08:53:34	1	0	347	347	0	0.9232	0.9233	0.0000	0.9751	0.9751	0.0000
2024-02-20T08:55:27	1	0	55	55	0	0.9373	0.9373	-0.0001	-0.9859	-0.9851	-0.0008
2024-02-20T09:01:34	1	0	80	80	0	0.9426	0.9426	0.0000	0.9841	0.9841	0.0000
2024-02-20T09:03:41	1	0	80	79	1	0.9522	0.9527	0.0005	0.9776	0.9778	-0.0002
2024-02-20T09:03:42	1	0	1	1	0	1.0389	1.0389	0.0000	-0.9998	-0.9998	0.0000
2024-02-20T09:06:44	1	0	97	96	1	0.9253	0.9254	0.0001	0.9774	0.9774	0.0000
2024-02-20T09:06:56	2	0	140	139	1	1.0312	1.0361	0.0049	0.9843	0.9843	0.0000
2024-02-20T09:11:26	1	0	1	1	0	1.0274	1.0267	-0.0007	0.9907	0.9897	0.0010
2024-02-20T09:12:27	2	0	416	416	0	1.0652	1.0651	-0.0001	0.9994	0.9994	0.0000
2024-02-20T09:13:18	1	0	13	13	0	1.0473	1.0472	-0.0001	0.9984	0.9984	0.0000
2024-02-20T09:16:16	1	0	3	3	0	1.0227	1.0225	-0.0002	0.989	0.9887	0.0003
2024-02-20T09:18:21	2	0	1455	1454	1	0.5820	0.5820	0.0000	0.6196	0.6198	-0.0002
2024-02-20T09:20:11	2	0	4	4	0	0.9428	0.9432	0.0004	0.9874	0.9875	-0.0001
2024-02-20T09:21:56	2	0	135	135	0	1.0614	1.0614	0.0000	0.9855	0.9855	0.0000
2024-02-20T09:22:39	1	0	4	4	0	1.0099	1.0097	-0.0002	-0.9997	-0.9996	-0.0001
2024-02-20T09:24:10	2	0	9	9	0	1.0517	1.0514	-0.0004	0.984	0.9836	0.0004
2024-02-20T09:26:06	1	0	99	96	3	0.9480	0.9482	0.0002	0.9966	0.9966	0.0000
2024-02-20T09:27:49	1	0	12	12	0	0.9597	0.9600	0.0003	0.9978	0.9978	0.0000
2024-02-20T09:30:02	1	0	3	3	0	1.0181	1.0179	-0.0002	0.9965	0.9964	0.0001
2024-02-20T09:30:31	1	0	6	6	0	1.0303	1.0304	0.0001	0.9975	0.9975	0.0000
2024-02-20T09:33:30	3	0	5	5	0	1.0463	1.0460	-0.0003	-0.9987	-0.9987	0.0000
2024-02-20T09:35:04	1	0	16	16	0	0.9443	0.9443	0.0000	0.9816	0.9816	0.0000
2024-02-20T09:35:14	2	0	12	11	1	1.0346	1.0326	-0.0020	0.9594	0.9593	0.0001
2024-02-20T09:35:18	7	0	97	89	8	1.0518	1.0516	-0.0002	-0.9995	-0.9996	0.0001
2024-02-20T09:36:19	1	0	11	11	0	1.0053	1.0051	-0.0001	0.9993	0.9993	0.0000
2024-02-20T09:37:05	1	0	134	134	0	1.0762	1.0760	-0.0002	0.9865	0.9865	0.0000
2024-02-20T09:42:32	2	0	452	452	0	1.0645	1.0645	-0.0001	0.9996	0.9996	0.0000
2024-02-20T09:45:03	2	0	6	6	0	0.9923	0.9922	-0.0001	0.9936	0.9936	0.0000
2024-02-20T09:45:47	1	0	26	26	0	1.0514	1.0514	-0.0001	0.9741	0.9739	0.0002
2024-02-20T09:45:51	1	0	5	5	0	1.0196	1.0195	-0.0001	0.9955	0.9955	0.0000
2024-02-20T09:47:02	1	0	47	46	1	1.0523	1.0523	0.0000	0.9995	0.9995	0.0000
2024-02-20T09:48:31	1	0	26	26	0	1.0545	1.0545	0.0000	0.999	0.999	0.0000
2024-02-20T09:48:49	1	0	6	6	0	1.0362	1.0361	-0.0001	0.9935	0.9935	0.0000
2024-02-20T09:48:53	1	0	57	56	1	0.9451	0.9440	-0.0011	0.9761	0.9708	0.0053
2024-02-20T09:49:34	5	0	16	13	3	1.0533	1.0527	-0.0007	0.9972	0.9971	0.0001
2024-02-20T09:49:39	1	0	13	13	0	1.0496	1.0496	0.0000	0.9648	0.9643	0.0005
2024-02-20T09:50:15	2	0	11	11	0	1.0397	1.0327	-0.0070	0.956	0.9556	0.0004
2024-02-20T09:52:06	2	0	163	149	14	1.0104	1.0110	0.0005	0.987	0.9872	-0.0002
2024-02-20T09:58:11	2	0	2	2	0	1.0030	1.0027	-0.0003	-0.994	-0.9941	0.0001
2024-02-20T09:58:55	1	0	2	2	0	1.0447	1.0445	-0.0002	-0.9991	-0.9991	0.0000
2024-02-20T09:59:01	2	0	133	131	2	0.9291	0.9295	0.0004	0.9615	0.9616	-0.0001
2024-02-20T09:59:16	3	0	11	10	1	1.0486	1.0488	0.0002	0.9964	0.9963	0.0001
2024-02-20T09:59:36	1	0	12	11	1	1.0516	1.0512	-0.0004	0.9745	0.9745	0.0000
2024-02-20T10:00:06	3	0	1	0	1	1.0585	null	null	0.9985	0.9985	0.0000
2024-02-20T10:00:40	1	0	13	13	0	1.0478	1.0477	-0.0001	0.9887	0.9886	0.0001
2024-02-20T10:00:56	2	0	1	1	0	1.0330	1.0323	-0.0007	0.9914	0.9911	0.0003
2024-02-20T10:02:03	5	0	82	80	2	1.0550	1.0549	-0.0001	0.9995	0.9995	0.0000
2024-02-20T10:02:12	1	0	2	2	0	1.0292	1.0291	-0.0001	0.9726	0.9726	0.0000
2024-02-20T10:03:51	1	0	6	6	0	1.0431	1.0429	-0.0002	0.9937	0.9937	0.0000
2024-02-20T10:04:40	1	0	15	14	1	1.0511	1.0508	-0.0003	0.9787	0.9782	0.0005
2024-02-20T10:04:48	2	0	1	0	1	1.0307	null	null	0.9739	0.9738	0.0001
2024-02-20T10:05:20	2	0	44	43	1	1.0491	1.0490	-0.0002	-0.9991	-0.9991	0.0000
2024-02-20T10:06:26	1	0	1	0	1	1.0174	null	null	0.8487	0.8488	-0.0001
2024-02-20T10:06:44	1	0	1	0	1	0.9449	null	null	-0.9908	-0.9908	0.0000
2024-02-20T10:06:48	3	0	113	109	4	0.9247	0.9247	0.0001	0.9738	0.9734	0.0004
2024-02-20T10:08:00	1	0	131	130	1	1.0562	1.0562	0.0000	-0.9785	-0.9784	-0.0001
2024-02-20T10:09:12	1	0	50	48	2	1.0251	1.0244	-0.0007	0.9627	0.9644	-0.0017
2024-02-20T10:12:37	2	0	557	555	2	1.0674	1.0674	0.0000	0.9998	0.9997	0.0001
2024-02-20T10:13:22	1	0	14	14	0	1.0487	1.0486	-0.0002	0.9961	0.9961	0.0000
2024-02-20T10:14:09	1	0	14	14	0	1.0459	1.0458	-0.0001	-0.9999	-1	0.0001
2024-02-20T10:15:02	1	0	32	31	1	1.0497	1.0495	-0.0002	0.9856	0.9856	0.0000
2024-02-20T10:15:55	1	0	3	3	0	1.0151	1.0149	-0.0002	0.9951	0.995	0.0001
2024-02-20T10:17:04	1	0	102	98	4	1.0559	1.0559	0.0000	0.999	0.999	0.0000
2024-02-20T10:17:13	1	0	3	2	1	0.9991	1.0314	0.0323	0.9719	0.9719	0.0000
2024-02-20T10:18:33	1	0	18	20	-2	1.0547	1.0546	-0.0001	0.9975	0.9974	0.0001
2024-02-20T10:19:49	2	0	1	1	0	1.0256	1.0252	-0.0004	0.9745	0.9744	0.0001

2024-02-20T10:20:07	2	0	28	28	0	0.9370	0.9374	0.0004	0.9756	0.976	-0.0004
2024-02-20T10:20:17	3	0	20	20	0	1.0332	1.0331	-0.0001	0.9463	0.9521	-0.0058
2024-02-20T10:20:34	3	0	10	10	0	1.0547	1.0543	-0.0004	-0.9919	-0.9927	0.0008
2024-02-20T10:21:27	1	0	2	2	0	1.0177	1.0176	-0.0001	0.8492	0.8489	0.0003
2024-02-20T10:22:36	1	0	17	18	-1	1.0509	1.0511	0.0001	0.99	0.9897	0.0003
2024-02-20T10:23:01	2	0	137	135	2	1.0571	1.0571	0.0000	-0.9818	-0.9817	-0.0001
2024-02-20T10:24:13	3	0	28	29	-1	1.0146	1.0156	0.0010	0.9633	0.9632	0.0001
2024-02-20T10:25:40	1	0	1	1	0	1.0333	1.0329	-0.0004	0.9638	0.9636	0.0002
2024-02-20T10:26:06	1	0	4	4	0	1.0414	1.0412	-0.0002	0.9939	0.9938	0.0001
2024-02-20T10:26:27	2	0	13	13	0	0.9557	0.9557	0.0000	0.9967	0.9966	0.0001
2024-02-20T10:28:35	1	0	1	0	1	1.0289	null	null	0.9982	0.9981	0.0001
2024-02-20T10:29:10	1	0	13	13	0	1.0471	1.0471	0.0000	-0.9996	-0.9996	0.0000
2024-02-20T10:29:38	1	0	14	14	0	1.0505	1.0504	-0.0001	0.9709	0.9708	0.0001
2024-02-20T10:30:03	2	0	44	42	2	1.0505	1.0502	-0.0003	0.9853	0.9853	0.0000
2024-02-20T10:30:37	1	0	99	98	1	0.9659	0.9660	0.0001	0.9917	0.9914	0.0003
2024-02-20T10:31:03	2	0	4	4	0	1.0186	1.0184	-0.0002	0.9961	0.996	0.0001
2024-02-20T10:31:42	1	0	2	2	0	1.0389	1.0383	-0.0007	0.9995	0.9995	0.0000
2024-02-20T10:32:05	8	0	143	127	16	1.0576	1.0573	-0.0004	0.9992	0.9992	0.0000
2024-02-20T10:32:16	5	0	48	47	1	1.0529	1.0528	-0.0001	0.9813	0.9812	0.0001
2024-02-20T10:33:39	1	0	1	1	0	1.0192	1.0189	-0.0003	0.9723	0.9721	0.0002
2024-02-20T10:35:12	1	0	28	28	0	0.9379	0.9379	0.0000	0.9782	0.9783	-0.0001
2024-02-20T10:35:22	2	0	22	21	1	1.0467	1.0455	-0.0012	0.959	0.9667	-0.0077
2024-02-20T10:35:25	1	0	31	32	-1	1.0448	1.0448	0.0000	0.9997	0.9997	0.0000
2024-02-20T10:38:00	5	0	12	12	0	1.0357	1.0354	-0.0003	0.9985	0.9984	0.0001
2024-02-20T10:38:02	5	0	159	157	2	1.0584	1.0584	0.0000	-0.9801	-0.9801	0.0000
2024-02-20T10:39:40	1	0	1	1	0	1.0359	1.0356	-0.0003	0.9716	0.9715	0.0001
2024-02-20T10:41:15	1	0	3	3	0	1.0362	1.0362	0.0000	-0.9568	-0.9571	0.0003
2024-02-20T10:41:36	1	0	1	1	0	1.0562	1.0553	-0.0009	-0.9996	-0.9996	0.0000
2024-02-20T10:43:29	2	0	16	15	1	1.0506	1.0509	0.0003	-0.9922	-0.9923	0.0001
2024-02-20T10:43:31	1	0	17	16	1	1.0467	1.0467	0.0000	0.9947	0.9898	0.0049
2024-02-20T10:45:07	1	0	4	4	0	0.9752	0.9750	-0.0002	0.9911	0.991	0.0001
2024-02-20T10:45:09	1	0	1	0	1	1.0251	null	null	0.9873	0.9872	0.0001
2024-02-20T10:46:32	3	0	1	1	0	1.0434	1.0425	-0.0009	0.9827	0.9933	-0.0106
2024-02-20T10:47:06	2	0	229	222	7	1.0597	1.0595	-0.0001	0.9993	0.9994	-0.0001
2024-02-20T10:47:17	3	0	63	62	1	1.0537	1.0536	-0.0001	0.9794	0.9793	0.0001
2024-02-20T10:47:19	1	0	1	0	1	1.0558	null	null	0.9618	0.9616	0.0002
2024-02-20T10:49:43	1	0	17	17	0	1.0511	1.0510	-0.0001	0.9748	0.9741	0.0007
2024-02-20T10:49:51	1	0	2	2	0	1.0248	1.0246	-0.0002	0.9756	0.9755	0.0001
2024-02-20T10:50:23	1	0	3	3	0	1.0426	1.0424	-0.0002	-0.999	-0.999	0.0000
2024-02-20T10:50:31	1	0	12	12	0	1.0414	1.0415	0.0000	0.9996	0.9996	0.0000
2024-02-20T10:50:46	2	0	2	2	0	1.0655	1.0648	-0.0007	-0.9867	-0.9884	0.0017
2024-02-20T10:51:07	2	0	3	3	0	1.0384	1.0383	-0.0002	0.9943	0.9943	0.0000
2024-02-20T10:53:03	10	0	259	248	11	1.0606	1.0604	-0.0002	-0.9763	-0.9765	0.0002
2024-02-20T10:53:18	3	0	8	6	2	0.9422	0.9423	0.0000	0.995	0.9951	-0.0001
2024-02-20T10:54:16	1	0	34	34	0	1.0562	1.0561	-0.0001	0.9885	0.9879	0.0006
2024-02-20T10:54:21	3	0	22	22	0	1.0412	1.0411	-0.0001	0.9642	0.9642	0.0000
2024-02-20T10:55:13	1	0	9	9	0	1.0488	1.0486	-0.0001	0.9946	0.9932	0.0014
2024-02-20T10:55:35	3	0	19	19	0	0.9571	0.9570	-0.0001	-0.9839	-0.984	0.0001
2024-02-20T10:56:37	1	0	2	2	0	1.0207	1.0203	-0.0004	0.9816	0.9804	0.0012
2024-02-20T10:56:40	2	0	28	26	2	1.0547	1.0544	-0.0003	1	1	0.0000
2024-02-20T10:57:36	2	0	29	28	1	1.0495	1.0492	-0.0002	0.9999	0.9999	0.0000
2024-02-20T10:58:32	1	0	27	27	0	1.0477	1.0476	0.0000	0.9948	0.9947	0.0001
2024-02-20T10:59:42	2	0	3	3	0	0.9876	0.9871	-0.0005	0.9815	0.9814	0.0001
2024-02-20T11:00:10	2	0	51	50	1	1.0518	1.0517	-0.0001	0.9847	0.9847	0.0000
2024-02-20T11:01:13	1	0	5	5	0	1.0214	1.0213	-0.0001	0.9957	0.9956	0.0001
2024-02-20T11:02:07	2	0	122	116	6	1.0581	1.0579	-0.0002	0.999	0.999	0.0000
2024-02-20T11:02:20	1	0	1	1	0	1.0570	1.0568	-0.0002	0.96	0.9599	0.0001
2024-02-20T11:03:30	1	0	3	1	2	1.0455	1.0451	-0.0004	-0.9922	-0.9924	0.0002
2024-02-20T11:03:47	1	0	1	1	0	1.0286	1.0283	-0.0003	-0.9982	-0.9982	0.0000
2024-02-20T11:03:59	3	0	18	16	2	1.0469	1.0460	-0.0009	0.9941	0.9941	0.0000
2024-02-20T11:04:44	1	0	14	13	1	1.0512	1.0513	0.0001	0.9459	0.945	0.0009
2024-02-20T11:04:57	1	0	4	4	0	1.0487	1.0486	-0.0001	0.9985	0.9984	0.0001
2024-02-20T11:05:23	4	0	22	20	2	1.0412	1.0394	-0.0018	0.9532	0.9582	-0.0050
2024-02-20T11:05:24	1	0	27	27	0	0.9398	0.9402	0.0004	0.9771	0.9775	-0.0004
2024-02-20T11:05:24	1	0	4	4	0	1.0409	1.0408	-0.0001	-0.9989	-0.999	0.0001
2024-02-20T11:08:16	1	0	223	219	4	1.0594	1.0594	0.0000	-0.9775	-0.9774	-0.0001
2024-02-20T11:09:22	2	0	74	72	2	1.0416	1.0410	-0.0006	0.9638	0.9655	-0.0017
2024-02-20T11:12:37	1	0	25	24	1	1.0493	1.0490	-0.0003	0.9998	0.9998	0.0000
2024-02-20T11:14:13	1	0	6	6	0	1.0449	1.0449	0.0000	-0.9992	-0.9992	0.0000
2024-02-20T11:15:48	3	0	21	21	0	1.0509	1.0509	0.0000	-1	-1	0.0000
2024-02-20T11:16:14	3	0	7	7	0	1.0205	1.0202	-0.0003	0.9959	0.9958	0.0001
2024-02-20T11:16:19	2	0	1	1	0	1.0276	1.0269	-0.0007	0.9696	0.9688	0.0008
2024-02-20T11:17:08	1	0	125	124	1	1.0585	1.0585	0.0000	0.9986	0.9986	0.0000
2024-02-20T11:17:19	3	0	59	57	2	1.0536	1.0535	-0.0001	0.9785	0.9784	0.0001
2024-02-20T11:17:56	2	0	30	29	1	1.0534	1.0533	-0.0001	0.896	0.8959	0.0001
2024-02-20T11:18:37	1	0	11	11	0	1.0498	1.0498	0.0000	-0.9955	-0.9956	0.0001
2024-02-20T11:19:45	1	0	13	13	0	1.0514	1.0513	-0.0001	0.9392	0.9381	0.0011
2024-02-20T11:20:13	1	0	14	13	1	1.0481	1.0481	0.0001	0.9997	0.9996	0.0001
2024-02-20T11:21:31	2	0	1	0	1	1.0197	null	null	0.8505	0.8491	0.0014
2024-02-20T11:21:35	2	0	4	4	0	1.0526	1.0524	-0.0002	0.9999	0.9999	0.0000
2024-02-20T11:22:37	1	0	3	3	0	1.0449	1.0448	-0.0001	0.9984	0.9984	0.0000
2024-02-20T11:23:29	10	0	264	249	15	1.0608	1.0607	-0.0001	-0.9769	-0.977	0.0001
2024-02-20T11:23:52	2	0	3	0	3	1.0452	null	null	-0.9995	-0.9995	0.0000
2024-02-20T11:24:44	2	0	4	3	1	1.0474	1.0433	-0.0041	0.9988	0.9987	0.0001
2024-02-20T11:25:37	1	0	4	4	0	1.0227	1.0222	-0.0005	-0.982	-0.9821	0.0001

2024-02-20T11:25:44	3	0	794	792	2	0.8090	0.8112	0.0022	0.8996	0.8985	0.0011
2024-02-20T11:27:59	2	0	6	6	0	1.0216	1.0217	0.0000	0.9682	0.9682	0.0000
2024-02-20T11:28:33	2	0	16	16	0	1.0493	1.0493	0.0000	-0.9898	-0.9899	0.0001
2024-02-20T11:28:34	3	0	27	26	1	1.0513	1.0513	0.0000	0.9966	0.9966	0.0000
2024-02-20T11:28:39	1	0	1	1	0	1.0364	1.0356	-0.0008	0.9981	0.9981	0.0000
2024-02-20T11:29:07	2	0	13	12	1	1.0150	1.0115	-0.0035	0.9749	0.9749	0.0000
2024-02-20T11:30:12	1	0	45	44	1	1.0509	1.0507	-0.0002	0.985	0.985	0.0000
2024-02-20T11:30:49	3	0	3	3	0	1.0632	1.0632	0.0000	0.9991	0.9991	0.0000
2024-02-20T11:30:55	1	0	19	19	0	1.0485	1.0485	0.0000	0.9659	0.966	-0.0001
2024-02-20T11:31:22	6	0	4	4	0	1.0232	1.0231	-0.0001	0.9958	0.9958	0.0000
2024-02-20T11:31:44	1	0	41	41	0	0.9455	0.9455	0.0000	0.9871	0.9871	0.0000
2024-02-20T11:32:20	6	0	87	86	1	1.0545	1.0545	-0.0001	0.9795	0.9794	0.0001
2024-02-20T11:32:57	1	0	4	4	0	1.0414	1.0411	-0.0003	0.8976	0.8973	0.0003
2024-02-20T11:33:38	7	0	21	19	2	1.0506	1.0503	-0.0003	-0.9957	-0.9958	0.0001
2024-02-20T11:33:54	2	0	3	3	0	1.0004	0.9998	-0.0005	0.9832	0.9823	0.0009
2024-02-20T11:33:54	1	0	2	2	0	1.0354	1.0354	0.0000	-0.9932	-0.9932	0.0000
2024-02-20T11:33:55	1	0	65	64	1	1.0576	1.0574	-0.0002	0.9956	0.9956	0.0000
2024-02-20T11:34:46	3	0	14	14	0	1.0510	1.0509	-0.0001	0.9414	0.9407	0.0007
2024-02-20T11:34:59	1	0	6	6	0	1.0473	1.0473	0.0000	0.998	0.998	0.0000
2024-02-20T11:35:26	2	0	9	9	0	1.0482	1.0468	-0.0014	0.9916	0.9915	0.0001
2024-02-20T11:35:37	5	0	24	24	0	0.9456	0.9458	0.0002	0.9782	0.9783	-0.0001
2024-02-20T11:35:56	1	0	2	2	0	1.0569	1.0567	-0.0002	1	0.9999	0.0001
2024-02-20T11:36:10	2	0	2	2	0	1.0408	1.0408	0.0000	0.9938	0.9939	-0.0001
2024-02-20T11:36:14	1	0	9	9	0	1.0468	1.0468	0.0000	0.9977	0.9977	0.0000
2024-02-20T11:36:36	3	0	3	3	0	1.0592	1.0591	-0.0001	-0.9999	-0.9999	0.0000
2024-02-20T11:37:38	1	0	1	1	0	1.0600	1.0599	-0.0001	-1	-1	0.0000
2024-02-20T11:38:17	5	0	9	9	0	1.0374	1.0374	-0.0001	0.9985	0.9985	0.0000
2024-02-20T11:38:31	2	0	4	4	0	1.0509	1.0509	0.0000	0.9987	0.9987	0.0000
2024-02-20T11:38:42	11	0	316	311	5	1.0613	1.0614	0.0000	-0.9743	-0.9743	0.0000
2024-02-20T11:40:23	1	0	11	10	1	1.0500	1.0494	-0.0006	0.9951	0.9951	0.0000
2024-02-20T11:41:19	1	0	3	3	0	1.0404	1.0404	0.0000	-0.9546	-0.9544	-0.0002
2024-02-20T11:43:00	2	0	2	2	0	1.0883	1.0882	-0.0001	0.9906	0.9906	0.0000
2024-02-20T11:43:40	3	0	2	2	0	1.0318	1.0301	-0.0018	0.9986	0.9985	0.0001
2024-02-20T11:44:08	6	0	10	8	2	1.0452	1.0452	0.0000	0.9749	0.9746	0.0003
2024-02-20T11:45:13	3	0	53	51	2	1.0524	1.0522	-0.0002	0.9855	0.9855	0.0000
2024-02-20T11:45:21	3	0	1	0	1	1.0623	null	null	0.9943	0.9943	0.0000
2024-02-20T11:46:30	7	0	3	3	0	1.0238	1.0238	0.0000	0.9962	0.9962	0.0000
2024-02-20T11:46:47	2	0	4	4	0	1.0387	1.0387	-0.0001	0.9989	0.9989	0.0000
2024-02-20T11:47:21	5	0	94	90	4	1.0549	1.0549	0.0000	0.9797	0.9797	0.0000
2024-02-20T11:47:21	2	0	4	4	0	1.0300	1.0134	-0.0167	0.9772	0.9771	0.0001
2024-02-20T11:48:03	1	0	11	11	0	1.0477	1.0477	0.0000	0.8996	0.8996	0.0000
2024-02-20T11:48:55	1	0	2	2	0	1.0348	1.0348	0.0000	-0.9892	-0.9892	0.0000
2024-02-20T11:49:14	1	0	70	69	1	1.0589	1.0588	-0.0001	0.9961	0.9961	0.0000
2024-02-20T11:50:00	1	0	3	3	0	1.0419	1.0419	0.0000	0.9955	0.9955	0.0000
2024-02-20T11:50:33	2	0	15	14	1	1.0490	1.0481	-0.0008	0.9933	0.9932	0.0001
2024-02-20T11:50:43	7	0	8	9	-1	0.9634	0.9688	0.0054	0.9815	0.981	0.0005
2024-02-20T11:51:38	2	0	1	1	0	1.0587	1.0587	0.0000	-1	1	0.0000
2024-02-20T11:52:39	1	0	2	2	0	1.0523	1.0523	0.0000	1	-1	0.0000
2024-02-20T11:53:56	18	0	425	413	12	1.0627	1.0627	0.0000	-0.9754	-0.9754	0.0000
2024-02-20T11:55:29	1	0	1	0	1	1.0551	null	null	0.9741	0.9741	0.0000
2024-02-20T11:58:01	2	0	2	2	0	1.0904	1.0904	0.0000	0.9939	0.9939	0.0000
2024-02-20T12:00:57	1	0	19	19	0	1.0494	1.0495	0.0000	0.9734	0.9737	-0.0003
2024-02-20T12:01:11	2	0	15	14	1	1.0474	1.0469	-0.0006	-0.9993	-0.9994	0.0001
2024-02-20T12:03:56	1	0	3	3	0	1.0341	1.0341	0.0000	-0.9913	-0.9913	0.0000
2024-02-20T12:06:39	2	0	2	2	0	1.0536	1.0536	0.0000	1	0.9997	0.0003
2024-02-20T12:07:40	1	0	2	2	0	1.0490	1.0490	0.0000	0.9983	0.9983	0.0000
2024-02-20T12:10:33	1	0	12	11	1	1.0509	1.0504	-0.0005	0.996	0.996	0.0000
2024-02-20T12:12:34	1	0	4	4	0	1.0542	1.0540	-0.0002	-0.9942	-0.9942	0.0000
2024-02-20T12:12:57	3	0	50	49	1	1.0499	1.0497	-0.0001	0.9999	0.9999	0.0000
2024-02-20T12:16:47	1	0	38	38	0	0.9450	0.9450	0.0000	0.9872	0.9872	0.0000
2024-02-20T12:23:01	1	0	36	36	0	1.0011	1.0010	-0.0001	-0.9944	-0.9944	0.0000
2024-02-20T12:24:49	2	0	15	15	0	1.0485	1.0484	0.0000	-0.9984	-0.9984	0.0000
2024-02-20T12:25:41	6	0	2	3	-1	1.0263	1.0258	-0.0006	-0.9757	-0.975	-0.0007
2024-02-20T12:34:25	1	0	66	66	0	1.0599	1.0599	0.0000	0.9953	0.9953	0.0000
2024-02-20T12:35:56	8	0	25	25	0	0.9385	0.9384	0.0000	0.9871	0.9873	-0.0002
2024-02-20T12:36:18	2	0	5	5	0	1.0477	1.0477	0.0000	0.9966	0.9966	0.0000
2024-02-20T12:41:15	1	0	5	6	-1	1.0500	1.0447	-0.0053	0.9892	0.9892	0.0000
2024-02-20T12:41:23	1	0	1	1	0	1.0352	1.0352	0.0000	-0.9631	-0.9629	-0.0002
2024-02-20T12:43:04	2	0	2	2	0	1.0907	1.0907	-0.0001	0.9891	0.9891	0.0000
2024-02-20T12:43:38	2	0	1	1	0	1.1092	1.1092	0.0000	-0.9968	-0.9968	0.0000
2024-02-20T12:45:56	3	0	6	6	0	1.0107	1.0107	0.0000	0.9831	0.9835	-0.0004
2024-02-20T12:47:25	2	0	1	1	0	1.0251	1.0251	0.0000	0.9791	0.9791	0.0000
2024-02-20T12:51:15	2	0	6	6	0	1.0429	1.0429	0.0000	0.9951	0.9952	-0.0001
2024-02-20T12:51:19	1	0	4	4	0	1.0481	1.0481	0.0000	0.9977	0.9977	0.0000
2024-02-20T12:56:53	2	0	8	9	-1	1.0492	1.0501	0.0009	-0.9951	-0.995	-0.0001
2024-02-20T13:05:05	1	0	2	2	0	1.0481	1.0481	0.0000	0.9952	0.9953	-0.0001
2024-02-20T13:08:30	5	0	6	7	-1	1.0348	1.0357	0.0009	0.9987	0.9987	0.0000
2024-02-20T13:16:02	1	0	20	20	0	1.0492	1.0492	0.0000	0.9613	0.9614	-0.0001
2024-02-20T13:26:55	1	0	1	1	0	1.0640	1.0638	-0.0002	-1	-1	0.0000
2024-02-20T13:36:04	1	0	11	10	1	1.0293	1.0266	-0.0027	0.9983	0.9983	0.0000
2024-02-20T13:36:10	2	0	21	20	1	1.0487	1.0481	-0.0006	0.9945	0.9945	0.0000
2024-02-20T13:43:03	2	0	74	73	1	1.0509	1.0508	-0.0001	-0.9998	-0.9998	0.0000
2024-02-20T13:47:13	1	0	7	7	0	1.0386	1.0386	-0.0001	-1	-1	0.0000
2024-02-20T13:47:29	9	0	217	218	-1	1.0561	1.0561	0.0000	0.9802	0.9802	0.0000
2024-02-20T13:48:15	1	0	13	13	0	1.0491	1.0490	0.0000	0.8969	0.8969	0.0000

2024-02-20T13:48:47	8	0	23	15	8	0.9508	0.9514	0.0005	-0.9999	-0.9999	0.0000
2024-02-20T13:49:30	1	0	69	67	2	1.0581	1.0581	0.0000	0.9938	0.9938	0.0000
2024-02-20T13:51:05	2	0	15	14	1	1.0339	1.0322	-0.0017	0.9984	0.9984	0.0000
2024-02-20T13:53:41	1	0	184	183	1	1.0541	1.0541	0.0000	0.9882	0.9882	0.0000
2024-02-20T13:54:33	7	0	32	32	0	1.0451	1.0452	0.0000	0.9685	0.9647	0.0038
2024-02-20T13:59:17	2	0	33	32	1	1.0499	1.0498	-0.0002	1	1	0.0000
2024-02-20T13:59:24	1	0	57	55	2	1.0517	1.0515	-0.0002	-0.9938	-0.9937	-0.0001
2024-02-20T13:59:26	2	0	14	14	0	1.0251	1.0171	-0.0080	0.9688	0.9689	-0.0001
2024-02-20T14:03:47	2	0	21	19	2	1.0499	1.0491	-0.0008	-0.9923	-0.9925	0.0002
2024-02-20T14:03:48	3	0	27	27	0	1.0556	1.0555	-0.0001	-0.99	-0.9901	0.0001
2024-02-20T14:04:31	2	0	82	80	2	1.0582	1.0582	0.0000	0.9941	0.994	0.0001
2024-02-20T14:04:52	4	0	5	5	0	1.0512	1.0512	0.0000	0.9832	0.9835	-0.0003
2024-02-20T14:04:56	3	0	43	41	2	1.0570	1.0571	0.0001	0.9891	0.989	0.0001
2024-02-20T14:06:42	3	0	1	2	-1	1.0319	1.0339	0.0020	0.9218	0.9225	-0.0007
2024-02-20T14:08:08	1	0	52	47	5	1.0179	1.0138	-0.0041	-0.9941	-0.9941	0.0000
2024-02-20T14:08:39	1	0	18	18	0	1.0354	1.0354	0.0000	0.9989	0.9989	0.0000
2024-02-20T14:08:42	1	0	235	233	2	1.0556	1.0556	0.0000	0.9883	0.9883	0.0000
2024-02-20T14:09:16	24	0	662	646	16	1.0649	1.0648	-0.0001	-0.967	-0.9674	0.0004
2024-02-20T14:10:55	4	0	1	1	0	0.9975	0.9966	-0.0009	0.9631	0.9585	0.0046
2024-02-20T14:11:58	1	0	2	2	0	1.0543	1.0543	-0.0001	-1	-1	0.0000
2024-02-20T14:13:05	1	0	82	81	1	1.0506	1.0505	-0.0001	-0.9999	-0.9999	0.0000
2024-02-20T14:13:10	1	0	5	5	0	1.0581	1.0580	-0.0001	0.9898	0.9897	0.0001
2024-02-20T14:14:27	1	0	9	9	0	0.9959	0.9958	-0.0001	0.9695	0.9694	0.0001
2024-02-20T14:14:53	4	0	13	12	1	1.0508	1.0503	-0.0005	0.9763	0.9763	0.0000
2024-02-20T14:15:23	2	0	73	70	3	1.0534	1.0533	-0.0001	0.9846	0.9846	0.0000
2024-02-20T14:16:36	1	0	1	1	0	1.0309	1.0309	0.0000	0.9894	0.9893	0.0001
2024-02-20T14:16:56	5	0	9	9	0	1.0251	1.0250	-0.0001	0.9971	0.9971	0.0000
2024-02-20T14:17:35	6	0	100	96	4	1.0545	1.0545	-0.0001	0.9804	0.9803	0.0001
2024-02-20T14:18:19	1	0	9	9	0	1.0479	1.0478	-0.0001	0.8934	0.8932	0.0002
2024-02-20T14:18:48	2	0	14	14	0	1.0483	1.0480	-0.0004	-0.9922	-0.9926	0.0004
2024-02-20T14:19:38	2	0	43	42	1	1.0564	1.0573	0.0009	0.9883	0.9883	0.0000
2024-02-20T14:19:57	3	0	49	48	1	1.0573	1.0572	-0.0001	0.9908	0.99	0.0008
2024-02-20T14:20:42	9	0	25	27	-2	1.0443	1.0441	-0.0002	0.9582	0.9477	0.0105
2024-02-20T14:21:07	4	0	22	20	2	1.0484	1.0487	0.0002	-0.9951	-0.9952	0.0001
2024-02-20T14:21:07	2	0	3	3	0	1.0647	1.0646	-0.0001	0.05348	0.05165	0.0018
2024-02-20T14:21:43	2	0	1	1	0	1.0561	1.0558	-0.0003	0.8612	0.861	0.0002
2024-02-20T14:23:09	1	0	25	24	1	1.0384	1.0376	-0.0009	-0.9927	-0.9927	0.0000
2024-02-20T14:23:40	5	0	17	15	2	1.0363	1.0376	0.0014	0.9988	0.9988	0.0000
2024-02-20T14:24:31	17	0	708	698	10	1.0643	1.0642	-0.0001	-0.9655	-0.9658	0.0003
2024-02-20T14:24:57	1	0	16	16	0	1.0464	1.0464	-0.0001	-0.9981	-0.9981	0.0000
2024-02-20T14:25:49	2	0	1	1	0	1.0177	1.0165	-0.0012	-0.9788	-0.979	0.0002
2024-02-20T14:25:56	1	0	35	29	6	0.9395	0.9402	0.0007	0.9457	0.9461	-0.0004
2024-02-20T14:26:22	1	0	3	3	0	1.0580	1.0579	-0.0002	0.9912	0.9911	0.0001
2024-02-20T14:26:26	1	0	275	275	0	1.0887	1.0887	0.0000	-1	-1	0.0000
2024-02-20T14:26:59	1	0	7	7	0	1.0491	1.0491	0.0000	-0.9992	-0.9992	0.0000
2024-02-20T14:27:29	1	0	3	3	0	1.0078	1.0077	-0.0001	0.9701	0.97	0.0001
2024-02-20T14:28:11	3	0	7	7	0	1.0525	1.0523	-0.0002	0.995	0.9949	0.0001
2024-02-20T14:28:45	2	0	11	11	0	1.0514	1.0512	-0.0003	-0.9961	-0.9963	0.0002
2024-02-20T14:28:51	3	0	3	3	0	1.0299	1.0292	-0.0007	0.9994	0.9994	0.0000
2024-02-20T14:29:39	1	0	26	24	2	0.9854	0.9853	-0.0002	0.9626	0.9625	0.0001
2024-02-20T14:29:57	1	0	8	8	0	1.0513	1.0513	0.0000	0.9773	0.9772	0.0001
2024-02-20T14:32:04	5	0	5	5	0	1.0207	1.0205	-0.0002	0.9969	0.9968	0.0001
2024-02-20T14:32:16	1	0	5	5	0	1.0452	1.0451	-0.0001	-0.9997	-0.9997	0.0000
2024-02-20T14:32:17	1	0	3	3	0	1.0338	1.0335	-0.0003	0.9957	0.9957	0.0000
2024-02-20T14:32:36	3	0	75	74	1	1.0546	1.0546	0.0000	0.9808	0.9808	0.0000
2024-02-20T14:33:49	2	0	21	18	3	1.0503	1.0498	-0.0004	-0.992	-0.9926	0.0006
2024-02-20T14:33:51	2	0	5	5	0	0.9421	0.9426	0.0005	0.9996	0.9996	0.0000
2024-02-20T14:34:06	1	0	3	3	0	1.0369	1.0367	-0.0002	-0.9866	-0.9867	0.0001
2024-02-20T14:34:28	1	0	3	3	0	1.0309	1.0308	-0.0001	0.9836	0.9835	0.0001
2024-02-20T14:34:45	2	0	34	34	0	1.0583	1.0583	-0.0001	0.989	0.989	0.0000
2024-02-20T14:35:00	3	0	39	38	1	1.0568	1.0567	-0.0002	0.9912	0.9904	0.0008
2024-02-20T14:35:11	1	0	7	7	0	1.0529	1.0529	0.0000	0.9975	0.9974	0.0001
2024-02-20T14:35:49	9	0	37	30	7	1.0466	1.0462	-0.0004	0.96	0.9584	0.0016
2024-02-20T14:35:53	1	0	50	53	-3	1.0567	1.0571	0.0004	-0.9683	-0.97	0.0017
2024-02-20T14:36:22	2	0	6	6	0	1.0422	1.0422	0.0000	0.9958	0.9958	0.0000
2024-02-20T14:38:05	4	0	5	5	0	1.0528	1.0527	-0.0001	-0.9954	-0.9955	0.0001
2024-02-20T14:38:10	1	0	39	38	1	0.9971	0.9955	-0.0016	-0.9945	-0.9945	0.0000
2024-02-20T14:38:48	5	0	17	17	0	1.0339	1.0338	-0.0001	0.9981	0.9981	0.0000
2024-02-20T14:39:46	12	0	701	686	15	1.0643	1.0642	-0.0001	-0.9651	-0.9652	0.0001
2024-02-20T14:39:58	2	0	25	25	0	1.0497	1.0495	-0.0002	-0.9969	-0.9969	0.0000
2024-02-20T14:40:50	2	0	1	1	0	1.0324	1.0313	-0.0011	-0.9754	-0.9754	0.0000
2024-02-20T14:40:57	1	0	1	0	1	0.9956	null	null	0.9508	0.9553	-0.0045
2024-02-20T14:41:23	1	0	1	1	0	1.0583	1.0583	0.0000	0.9915	0.9914	0.0001
2024-02-20T14:41:23	2	0	8	8	0	1.0286	1.0285	-0.0001	0.9925	0.9924	0.0001
2024-02-20T14:42:45	1	0	2	2	0	1.0299	1.0295	-0.0005	0.9968	0.9967	0.0001
2024-02-20T14:43:27	2	0	2	0	2	1.0269	null	null	0.983	0.9829	0.0001
2024-02-20T14:43:46	2	0	26	25	1	1.0509	1.0510	0.0002	-0.9948	-0.9948	0.0000
2024-02-20T14:43:47	2	0	32	32	0	1.0513	1.0513	0.0000	0.9974	0.9974	0.0000
2024-02-20T14:43:52	3	0	2	2	0	1.0298	1.0294	-0.0004	0.9993	0.9993	0.0000
2024-02-20T14:44:49	1	0	20	20	0	0.9730	0.9730	0.0000	0.9667	0.9667	0.0000
2024-02-20T14:44:58	1	0	9	9	0	1.0513	1.0513	0.0000	0.977	0.977	0.0000
2024-02-20T14:45:33	1	0	2	2	0	1.0360	1.0357	-0.0003	0.9957	0.9956	0.0001
2024-02-20T14:47:13	2	0	8	8	0	1.0249	1.0246	-0.0003	0.9967	0.9965	0.0002
2024-02-20T14:47:22	3	0	117	118	-1	1.0519	1.0519	0.0000	0.9993	0.9993	0.0000
2024-02-20T14:47:54	3	0	40	38	2	1.0533	1.0536	0.0003	0.9987	0.9986	0.0001

2024-02-20T14:48:50	1	0	24	22	2	1.0507	1.0497	-0.0010	-0.9914	-0.992	0.0006
2024-02-20T14:49:18	2	0	4	4	0	1.0328	1.0329	0.0000	0.9914	0.9915	-0.0001
2024-02-20T14:50:01	1	0	36	34	2	1.0566	1.0565	0.0000	0.9902	0.9896	0.0006
2024-02-20T14:51:13	2	0	2	2	0	1.0657	1.0654	-0.0003	0.3841	0.3771	0.0070
2024-02-20T14:52:43	2	0	21	21	0	1.0550	1.0550	-0.0001	0.9918	0.9918	0.0000
2024-02-20T14:52:51	1	0	2	2	0	1.0475	1.0472	-0.0003	0.9881	0.988	0.0001
2024-02-20T14:53:11	1	0	52	50	2	1.0540	1.0537	-0.0003	-0.9937	-0.9937	0.0000
2024-02-20T14:55:51	2	0	2	2	0	1.0274	1.0268	-0.0006	-0.9719	-0.9721	0.0002
2024-02-20T14:56:03	1	0	6	6	0	1.0378	1.0376	-0.0002	0.991	0.991	0.0000
2024-02-20T14:56:53	2	0	1	0	1	1.0560	null	null	0.9864	0.9862	0.0002
2024-02-20T14:57:01	1	0	1	1	0	1.0558	1.0557	-0.0001	0.9959	0.9959	0.0000
2024-02-20T14:57:56	3	0	586	585	1	1.0646	1.0647	0.0000	-0.9997	-0.9998	0.0001
2024-02-20T14:58:13	2	0	4	4	0	1.0514	1.0514	-0.0001	0.992	0.992	0.0000
2024-02-20T14:59:28	2	0	44	43	1	1.0496	1.0495	-0.0001	-0.9951	-0.9951	0.0000
2024-02-20T15:01:11	1	0	12	10	2	1.0478	1.0483	0.0005	0.994	0.994	0.0000
2024-02-20T15:01:38	3	0	23	20	3	1.0486	1.0485	-0.0001	-0.9985	-0.9986	0.0001
2024-02-20T15:03:53	1	0	24	21	3	1.0495	1.0492	-0.0003	-0.9935	-0.9939	0.0004
2024-02-20T15:05:02	1	0	103	99	4	1.0584	1.0582	-0.0002	0.9956	0.9956	0.0000
2024-02-20T15:06:46	2	0	5	5	0	1.0346	1.0345	-0.0001	0.9255	0.9253	0.0002
2024-02-20T15:09:59	5	0	14	9	5	1.0480	1.0488	0.0008	-0.9999	-0.9999	0.0000
2024-02-20T15:10:00	1	0	19	19	0	1.0471	1.0471	0.0000	-0.9965	-0.9965	0.0000
2024-02-20T15:11:04	1	0	11	11	0	1.0401	1.0400	-0.0001	0.9954	0.9954	0.0000
2024-02-20T15:13:09	3	0	146	144	2	1.0523	1.0523	0.0000	-0.9994	-0.9994	0.0000
2024-02-20T15:15:27	4	0	105	102	3	1.0542	1.0543	0.0000	0.9857	0.9856	0.0001
2024-02-20T15:18:54	1	0	29	26	3	1.0521	1.0511	-0.0010	-0.9921	-0.9925	0.0004
2024-02-20T15:20:03	1	0	81	72	9	1.0573	1.0574	0.0001	0.9941	0.9941	0.0000
2024-02-20T15:26:00	2	0	1161	1160	1	0.8150	0.8146	-0.0003	0.8663	0.8612	0.0051
2024-02-20T15:27:42	2	0	1	1	0	1.0430	1.0424	-0.0006	-0.9976	-0.9977	0.0001
2024-02-20T15:33:55	1	0	31	28	3	1.0512	1.0508	-0.0004	-0.9928	-0.9931	0.0003
2024-02-20T15:35:11	1	0	1	1	0	1.0563	1.0560	-0.0003	0.9754	0.9753	0.0001
2024-02-20T15:35:42	1	0	35	34	1	1.0471	1.0470	-0.0001	-0.9943	-0.9944	0.0001
2024-02-20T15:37:10	2	0	18	18	0	0.9495	0.9494	-0.0001	0.9885	0.9884	0.0001
2024-02-20T15:40:27	2	0	253	251	2	1.0595	1.0595	0.0000	-0.9789	-0.9789	0.0000
2024-02-20T15:40:58	1	0	1	1	0	1.0365	1.0364	-0.0001	-0.9821	-0.9789	-0.0032
2024-02-20T15:42:34	1	0	3	3	0	1.0081	1.0081	0.0000	0.9742	0.9742	0.0000
2024-02-20T15:43:37	1	0	3	2	1	1.0298	1.0294	-0.0003	0.9836	0.9835	0.0001
2024-02-20T15:44:13	2	0	7	7	0	1.0226	1.0225	-0.0001	1	1	0.0000
2024-02-20T15:44:51	1	0	2	2	0	1.0508	1.0505	-0.0002	0.987	0.9869	0.0001
2024-02-20T15:45:02	1	0	24	25	-1	1.0543	1.0542	0.0000	0.9779	0.9779	0.0000
2024-02-20T15:47:33	6	0	8	8	0	1.0210	1.0208	-0.0002	0.9978	0.9977	0.0001
2024-02-20T15:48:56	1	0	22	20	2	1.0499	1.0490	-0.0010	-0.9942	-0.9921	-0.0021
2024-02-20T15:56:09	1	0	754	746	8	0.7841	0.7633	-0.0208	0.8821	0.8831	-0.0010
2024-02-20T15:56:32	1	0	19	19	0	0.9919	0.9919	0.0000	0.9983	0.9983	0.0000
2024-02-20T15:59:39	1	0	43	43	0	1.0489	1.0489	0.0000	-0.9951	-0.9951	0.0000
2024-02-20T16:03:57	2	0	276	276	0	0.8495	0.8500	0.0005	0.9968	0.9968	0.0000
2024-02-20T16:05:17	1	0	31	28	3	1.0571	1.0572	0.0001	0.9901	0.9902	-0.0001
2024-02-20T16:18:58	1	0	15	15	0	1.0466	1.0464	-0.0002	-0.9944	-0.9945	0.0001
2024-02-20T16:21:13	1	0	8	8	0	1.0091	1.0092	0.0001	0.8642	0.8641	0.0001
2024-02-20T16:32:08	1	0	1	1	0	1.0373	1.0372	-0.0001	0.9975	0.9975	0.0000
2024-02-20T16:33:59	1	0	12	12	0	1.0469	1.0467	-0.0002	-0.9963	-0.9979	0.0016
2024-02-20T16:45:05	1	0	1	1	0	0.9440	0.9445	0.0005	0.9804	0.9804	0.0000
2024-02-20T16:49:00	1	0	15	15	0	1.0468	1.0467	-0.0001	-0.9965	-0.9965	0.0000
2024-02-20T16:52:07	2	0	4	3	1	0.9665	0.9562	-0.0102	0.9889	0.989	-0.0001
2024-02-20T17:04:01	1	0	5	4	1	1.0458	1.0458	0.0000	-0.997	-0.9953	-0.0017
2024-02-20T17:17:08	1	0	118	118	0	0.9399	0.9399	0.0000	0.9854	0.9854	0.0000
2024-02-21T08:01:49	1	0	1040	1040	0	0.8779	0.8779	0.0000	0.8025	0.8022	0.0003
2024-02-21T08:12:25	2	0	361	360	1	1.0642	1.0642	0.0000	0.999	0.9989	0.0001
2024-02-21T08:16:52	2	0	1009	1009	0	0.8781	0.8783	0.0002	0.8007	0.8004	0.0003
2024-02-21T08:27:26	2	0	356	354	2	1.0648	1.0648	0.0000	0.9992	0.9992	0.0000
2024-02-21T08:46:57	1	0	1019	1019	0	0.8790	0.8790	0.0000	0.7988	0.7986	0.0002
2024-02-21T08:56:35	2	0	50	48	2	1.0564	1.0564	0.0000	0.9994	0.9994	0.0000
2024-02-21T09:02:41	2	0	25	25	0	0.9605	0.9605	0.0000	0.9649	0.9648	0.0001
2024-02-21T09:12:29	3	0	419	418	1	1.0648	1.0647	-0.0001	0.9996	0.9995	0.0001
2024-02-21T09:40:59	4	0	1110	808	302	1.0775	1.0731	-0.0045	0.9922	0.9843	0.0079
2024-02-21T09:48:35	2	0	6	6	0	1.0425	1.0423	-0.0002	0.9987	0.9987	0.0000
2024-02-21T09:48:52	1	0	2	2	0	1.0460	1.0458	-0.0003	0.9963	0.9963	0.0000
2024-02-21T09:53:04	1	0	8	8	0	1.0300	1.0300	0.0000	0.9989	0.999	-0.0001
2024-02-21T10:02:17	8	0	152	137	15	1.0554	1.0553	-0.0001	0.9789	0.9788	0.0001
2024-02-21T10:02:45	2	0	178	176	2	0.9462	0.9465	0.0003	0.966	0.966	0.0000
2024-02-21T10:03:53	1	0	6	6	0	1.0406	1.0405	-0.0001	0.9963	0.9962	0.0001
2024-02-21T10:04:52	2	0	1	0	1	1.0253	null	null	0.9744	0.9743	0.0001
2024-02-21T10:09:17	2	0	7	7	0	1.0502	1.0502	0.0000	0.9763	0.9762	0.0001
2024-02-21T10:10:38	3	0	76	75	1	0.9362	0.9373	0.0010	-0.9961	-0.9948	-0.0013
2024-02-21T10:11:06	1	0	60	60	0	0.9495	0.9495	0.0000	0.9977	0.9977	0.0000
2024-02-21T10:11:40	2	0	42	42	0	1.0557	1.0555	-0.0002	-0.9999	-0.9999	0.0000
2024-02-21T10:13:34	1	0	13	12	1	1.0467	1.0468	0.0001	0.9947	0.9947	0.0000
2024-02-21T10:14:16	2	0	12	12	0	1.0459	1.0458	-0.0001	-0.9994	-0.9994	0.0000
2024-02-21T10:14:43	1	0	4	4	0	0.9729	0.9727	-0.0002	0.9742	0.9735	0.0007
2024-02-21T10:16:15	1	0	2	2	0	1.0338	1.0335	-0.0004	-0.9699	-0.9696	-0.0003
2024-02-21T10:17:18	3	0	100	100	0	1.0544	1.0544	0.0000	0.9795	0.9795	0.0000
2024-02-21T10:18:27	2	0	132	132	0	0.9217	0.9217	0.0000	0.9723	0.9724	-0.0001
2024-02-21T10:18:49	1	0	2	2	0	1.0213	1.0210	-0.0003	-0.9918	-0.9919	0.0001
2024-02-21T10:19:26	2	0	2	2	0	1.0382	1.0382	0.0000	-0.9927	-0.9926	-0.0001
2024-02-21T10:19:53	2	0	1	1	0	1.0293	1.0292	-0.0001	0.9746	0.9746	0.0000
2024-02-21T10:20:17	3	0	27	26	1	1.0524	1.0523	-0.0001	0.9811	0.981	0.0001

2024-02-21T10:20:22	2	0	26	25	1	1.0476	1.0475	-0.0002	-0.9976	-0.9977	0.0001
2024-02-21T10:22:53	1	0	63	60	3	1.0114	1.0092	-0.0021	-0.9901	-0.9901	0.0000
2024-02-21T10:24:16	3	0	38	36	2	0.9935	0.9935	0.0000	0.9642	0.9621	0.0021
2024-02-21T10:26:41	1	0	171	169	2	0.9266	0.9269	0.0003	0.9891	0.9891	0.0000
2024-02-21T10:28:00	1	0	7	7	0	0.9412	0.9412	0.0000	0.9937	0.9937	0.0000
2024-02-21T10:28:20	2	0	2	2	0	1.0058	1.0058	0.0000	-0.9895	-0.9895	0.0000
2024-02-21T10:29:17	1	0	8	8	0	1.0453	1.0453	0.0000	-0.9995	-0.9995	0.0000
2024-02-21T10:29:22	3	0	26	26	0	1.0532	1.0531	0.0000	0.9998	0.9998	0.0000
2024-02-21T10:30:07	1	0	39	38	1	1.0507	1.0506	-0.0002	0.9917	0.9917	0.0000
2024-02-21T10:30:11	2	0	1	0	1	1.0559	null	null	-0.9996	-0.9996	0.0000
2024-02-21T10:30:41	1	0	72	72	0	0.9447	0.9449	0.0002	0.9918	0.9917	0.0001
2024-02-21T10:31:28	1	0	10	10	0	0.9845	0.9843	-0.0002	0.9806	0.9804	0.0002
2024-02-21T10:32:19	2	0	144	143	1	1.0551	1.0551	0.0000	0.9815	0.9815	0.0000
2024-02-21T10:33:28	1	0	25	24	1	0.9450	0.9451	0.0001	0.9762	0.976	0.0002
2024-02-21T10:33:45	2	0	4	2	2	1.0480	1.0434	-0.0046	0.9662	0.9661	0.0001
2024-02-21T10:35:38	1	0	2	2	0	1.0317	1.0311	-0.0005	-0.999	-0.999	0.0000
2024-02-21T10:37:54	1	0	39	38	1	0.9856	0.9837	-0.0019	-0.9889	-0.9889	0.0000
2024-02-21T10:39:44	1	0	1	1	0	1.0373	1.0370	-0.0003	0.9707	0.97	0.0007
2024-02-21T10:41:42	1	0	156	156	0	0.9321	0.9322	0.0000	0.9893	0.9892	0.0001
2024-02-21T10:43:59	1	0	1	1	0	1.0665	1.0665	0.0000	-0.9975	-0.9975	0.0000
2024-02-21T10:44:18	1	0	9	9	0	1.0458	1.0458	0.0000	-0.9992	-0.9992	0.0000
2024-02-21T10:44:43	1	0	13	13	0	1.0534	1.0534	0.0000	0.9778	0.9778	0.0000
2024-02-21T10:45:46	1	0	30	30	0	1.0521	1.0521	0.0000	0.993	0.993	0.0000
2024-02-21T10:47:01	1	0	6	6	0	1.0363	1.0362	-0.0001	0.9893	0.9892	0.0001
2024-02-21T10:47:18	1	0	1	0	1	0.9418	null	null	0.9721	0.9721	0.0000
2024-02-21T10:48:29	2	0	4	1	3	1.0455	1.0451	-0.0004	-0.9909	-0.9912	0.0003
2024-02-21T10:48:42	1	0	1	1	0	1.0249	1.0245	-0.0004	0.9732	0.9731	0.0001
2024-02-21T10:49:42	5	0	25	25	0	1.0549	1.0549	0.0000	0.9989	0.999	-0.0001
2024-02-21T10:49:50	1	0	21	20	1	1.0541	1.0539	-0.0002	0.9838	0.9827	0.0011
2024-02-21T10:49:55	1	0	3	3	0	1.0248	1.0246	-0.0002	0.9759	0.9758	0.0001
2024-02-21T10:50:19	5	0	54	46	8	1.0564	1.0561	-0.0003	0.9849	0.9844	0.0005
2024-02-21T10:50:21	2	0	3	3	0	0.9413	0.9413	0.0000	0.9911	0.991	0.0001
2024-02-21T10:50:25	2	0	11	10	1	1.0475	1.0467	-0.0008	0.9919	0.9919	0.0000
2024-02-21T10:50:39	3	0	72	72	0	1.0584	1.0584	0.0000	-0.985	-0.9854	0.0004
2024-02-21T10:50:48	3	0	3	3	0	1.0581	1.0576	-0.0006	-0.9996	-0.9999	0.0003
2024-02-21T10:51:25	3	0	49	49	0	0.9373	0.9373	0.0000	0.9953	0.9953	0.0000
2024-02-21T10:51:57	3	0	98	98	0	0.9299	0.9299	0.0000	0.9767	0.9767	0.0000
2024-02-21T10:52:01	3	0	2	2	0	0.9483	0.9488	0.0005	0.9897	0.9783	0.0114
2024-02-21T10:52:41	1	0	1	1	0	1.0455	1.0451	-0.0004	0.9686	0.9681	0.0005
2024-02-21T10:52:55	1	0	62	58	4	1.0116	1.0084	-0.0032	-0.9889	-0.9889	0.0000
2024-02-21T10:53:11	1	0	11	10	1	1.0515	1.0509	-0.0006	0.9981	0.998	0.0001
2024-02-21T10:54:41	2	0	2	2	0	1.0462	1.0457	-0.0005	0.9969	0.9968	0.0001
2024-02-21T10:55:47	1	0	14	13	1	1.0514	1.0509	-0.0004	0.9983	0.9983	0.0000
2024-02-21T10:56:39	1	0	4	4	0	1.0493	1.0493	0.0000	0.9955	0.9955	0.0000
2024-02-21T10:57:58	1	0	3	3	0	1.0682	1.0680	-0.0002	0.991	0.9909	0.0001
2024-02-21T10:58:33	2	0	3	3	0	1.0524	1.0523	-0.0002	-0.9986	-0.9986	0.0000
2024-02-21T10:59:44	4	0	15	14	1	1.0532	1.0530	-0.0002	0.9763	0.9763	0.0000
2024-02-21T11:00:09	3	0	48	46	2	1.0520	1.0517	-0.0003	0.9905	0.9905	0.0000
2024-02-21T11:01:12	2	0	15	14	1	1.0485	1.0480	-0.0005	-0.9996	-0.9997	0.0001
2024-02-21T11:01:23	2	0	1	1	0	1.0335	1.0329	-0.0006	0.976	0.9752	0.0008
2024-02-21T11:02:01	1	0	10	8	2	1.0420	1.0396	-0.0024	-0.9993	-0.9993	0.0000
2024-02-21T11:02:09	6	0	166	149	17	1.0592	1.0589	-0.0003	0.9995	0.9994	0.0001
2024-02-21T11:02:23	1	0	1	0	1	1.0562	null	null	0.9609	0.9606	0.0003
2024-02-21T11:02:25	4	0	197	191	6	1.0559	1.0559	0.0000	0.9794	0.9793	0.0001
2024-02-21T11:02:49	5	0	19	18	1	0.9879	0.9789	-0.0090	0.9737	0.9734	0.0003
2024-02-21T11:03:40	2	0	37	27	10	0.9408	0.9419	0.0011	-0.9995	-0.9995	0.0000
2024-02-21T11:03:43	1	0	2	2	0	1.0317	1.0314	-0.0003	0.9717	0.9716	0.0001
2024-02-21T11:03:47	2	0	8	7	1	1.0450	1.0431	-0.0018	0.9637	0.9636	0.0001
2024-02-21T11:03:53	1	0	1	1	0	1.0257	1.0254	-0.0003	-0.9876	-0.9876	0.0000
2024-02-21T11:03:57	3	0	13	9	4	1.0455	1.0451	-0.0004	0.9945	0.9944	0.0001
2024-02-21T11:04:53	1	0	19	19	0	1.0535	1.0533	-0.0002	0.9791	0.9778	0.0013
2024-02-21T11:05:28	1	0	4	4	0	1.0438	1.0436	-0.0002	-0.9994	-0.9994	0.0000
2024-02-21T11:05:31	2	0	23	21	2	1.0487	1.0479	-0.0008	0.9939	0.9939	0.0000
2024-02-21T11:05:40	1	0	24	25	-1	1.0554	1.0554	0.0000	-0.9794	-0.9804	0.0010
2024-02-21T11:07:56	1	0	42	39	3	1.0299	1.0277	-0.0022	-0.989	-0.989	0.0000
2024-02-21T11:09:16	12	0	415	402	13	1.0633	1.0632	-0.0002	-0.9829	-0.9831	0.0002
2024-02-21T11:09:19	5	0	30	30	0	1.0445	1.0444	-0.0001	0.9662	0.9658	0.0004
2024-02-21T11:09:19	1	0	21	19	2	1.0551	1.0553	0.0003	-0.974	-0.9743	0.0003
2024-02-21T11:09:21	1	0	10	10	0	1.0504	1.0503	-0.0001	0.9889	0.9883	0.0006
2024-02-21T11:09:46	1	0	3	3	0	1.0425	1.0423	-0.0002	0.997	0.9969	0.0001
2024-02-21T11:10:08	2	0	4	4	0	1.0086	1.0078	-0.0008	0.9811	0.9809	0.0002
2024-02-21T11:10:42	3	0	3	3	0	1.0205	1.0198	-0.0007	-0.9924	-0.9926	0.0002
2024-02-21T11:11:44	1	0	181	179	2	0.9293	0.9296	0.0003	0.9888	0.9888	0.0000
2024-02-21T11:12:40	2	0	32	31	1	1.0490	1.0488	-0.0002	1	1	0.0000
2024-02-21T11:13:38	1	0	18	18	0	1.0499	1.0498	0.0000	0.9959	0.9913	0.0046
2024-02-21T11:14:25	1	0	46	45	1	1.0554	1.0554	0.0000	0.9991	0.9991	0.0000
2024-02-21T11:14:29	1	0	1	1	0	1.0328	1.0328	0.0000	-0.9984	-0.9985	0.0001
2024-02-21T11:15:10	3	0	61	58	3	1.0519	1.0517	-0.0002	0.9912	0.9912	0.0000
2024-02-21T11:16:58	1	0	2	2	0	1.0352	1.0350	-0.0002	-0.9777	-0.9777	0.0000
2024-02-21T11:17:10	1	0	136	135	1	1.0585	1.0585	0.0000	0.9995	0.9995	0.0000
2024-02-21T11:17:59	1	0	8	8	0	0.9939	0.9798	-0.0141	0.9746	0.9746	0.0000
2024-02-21T11:18:41	3	0	16	15	1	1.0516	1.0514	-0.0002	-0.9934	-0.9936	0.0002
2024-02-21T11:18:58	3	0	27	25	2	1.0494	1.0487	-0.0007	0.9949	0.9949	0.0000
2024-02-21T11:19:19	1	0	2	2	0	1.0354	1.0352	-0.0002	0.9819	0.9818	0.0001
2024-02-21T11:19:57	1	0	20	19	1	1.0542	1.0540	-0.0002	0.9797	0.9783	0.0014

2024-02-21T11:20:26	7	0	28	28	0	1.0456	1.0455	-0.0001	1	1	0.0000
2024-02-21T11:21:37	1	0	3	3	0	1.0509	1.0507	-0.0002	1	1	0.0000
2024-02-21T11:21:49	1	0	2	2	0	0.9393	0.9411	0.0018	-0.9974	-0.9969	-0.0005
2024-02-21T11:22:41	1	0	3	3	0	1.0472	1.0472	-0.0001	0.9999	0.9999	0.0000
2024-02-21T11:24:20	1	0	13	13	0	1.0541	1.0540	0.0000	-0.9738	-0.9742	0.0004
2024-02-21T11:24:28	8	0	385	378	7	1.0627	1.0626	-0.0001	-0.9832	-0.9833	0.0001
2024-02-21T11:25:44	1	0	1	0	1	1.0389	null	null	0.9623	0.9622	0.0001
2024-02-21T11:25:53	1	0	9	9	0	1.0305	1.0302	-0.0003	0.9848	0.9847	0.0001
2024-02-21T11:28:39	3	0	27	26	1	1.0521	1.0521	0.0000	0.993	0.993	0.0000
2024-02-21T11:29:21	1	0	21	21	0	1.0470	1.0470	0.0000	-0.9987	-0.9987	0.0000
2024-02-21T11:30:42	5	0	2	1	1	1.0473	1.0389	-0.0084	0.9989	0.9989	0.0000
2024-02-21T11:32:04	2	0	1	1	0	1.0383	1.0383	0.0000	-0.9763	-0.9762	-0.0001
2024-02-21T11:32:31	1	0	1	1	0	1.0573	1.0571	-0.0002	0.9555	0.9554	0.0001
2024-02-21T11:32:33	5	0	191	187	4	1.0556	1.0556	0.0000	0.9785	0.9785	0.0000
2024-02-21T11:33:59	8	0	28	27	1	1.0506	1.0503	-0.0003	0.9956	0.9956	0.0000
2024-02-21T11:34:45	4	0	2	2	0	1.0465	1.0465	0.0000	0.9812	0.9813	-0.0001
2024-02-21T11:34:59	2	0	27	26	1	1.0558	1.0556	-0.0001	0.9805	0.9793	0.0012
2024-02-21T11:35:19	3	0	4	4	0	1.0389	1.0388	-0.0001	0.9979	0.9979	0.0000
2024-02-21T11:36:01	3	0	3	3	0	1.0604	1.0604	-0.0001	0.9997	0.9996	0.0001
2024-02-21T11:36:19	1	0	5	5	0	1.0471	1.0471	0.0000	0.9965	0.9965	0.0000
2024-02-21T11:37:42	1	0	2	2	0	1.0500	1.0499	-0.0001	-0.9997	-0.9997	0.0000
2024-02-21T11:39:21	1	0	20	20	0	1.0551	1.0551	0.0000	-0.9717	-0.9715	-0.0002
2024-02-21T11:39:23	3	0	8	9	-1	1.0523	1.0528	0.0006	0.9708	0.9713	-0.0005
2024-02-21T11:39:40	12	0	512	501	11	1.0649	1.0646	-0.0004	-0.9809	-0.981	0.0001
2024-02-21T11:39:48	1	0	2	2	0	1.0307	1.0303	-0.0004	0.9638	0.9635	0.0003
2024-02-21T11:40:10	1	0	2	2	0	1.0005	1.0005	-0.0001	0.9827	0.9829	-0.0002
2024-02-21T11:41:52	2	0	2	1	1	1.0555	1.0552	-0.0003	0.9931	0.9929	0.0002
2024-02-21T11:42:42	1	0	41	39	2	1.0495	1.0491	-0.0004	1	1	0.0000
2024-02-21T11:44:20	2	0	3	1	2	1.0526	1.0456	-0.0070	-0.9268	-0.9265	-0.0003
2024-02-21T11:44:22	2	0	30	29	1	1.0497	1.0495	-0.0002	-0.9972	-0.9973	0.0001
2024-02-21T11:44:51	1	0	4	5	-1	1.0513	1.0501	-0.0012	0.9854	0.9854	0.0000
2024-02-21T11:46:06	2	0	1	1	0	1.0380	1.0373	-0.0007	0.9904	0.99	0.0004
2024-02-21T11:47:05	2	0	2	2	0	1.0351	1.0351	0.0000	-0.9753	-0.9753	0.0000
2024-02-21T11:47:39	10	0	270	272	-2	1.0564	1.0564	-0.0001	0.9781	0.978	0.0001
2024-02-21T11:48:00	4	0	12	11	1	1.0343	1.0321	-0.0022	0.9719	0.9719	0.0000
2024-02-21T11:48:33	2	0	13	13	0	1.0476	1.0474	-0.0002	-0.9888	-0.9864	-0.0024
2024-02-21T11:49:00	9	0	48	22	26	1.0538	1.0477	-0.0061	0.9952	0.9946	0.0006
2024-02-21T11:49:26	4	0	92	91	1	1.0649	1.0648	-0.0001	0.9987	0.9987	0.0000
2024-02-21T11:49:32	2	0	2	0	2	1.0565	null	null	-0.9877	-0.9878	0.0001
2024-02-21T11:49:46	4	0	2	2	0	1.0465	1.0465	0.0000	0.981	0.9811	-0.0001
2024-02-21T11:50:01	2	0	24	23	1	1.0549	1.0548	-0.0001	0.9642	0.9632	0.0010
2024-02-21T11:51:05	1	0	3	4	-1	1.0622	1.0605	-0.0017	0.992	0.9923	-0.0003
2024-02-21T11:51:28	16	0	7	6	1	1.0236	1.0172	-0.0064	0.9885	0.9882	0.0003
2024-02-21T11:52:43	1	0	2	2	0	1.0544	1.0543	-0.0001	-1	-1	0.0000
2024-02-21T11:54:22	1	0	16	16	0	1.0545	1.0545	0.0000	-0.9732	-0.9729	-0.0003
2024-02-21T11:54:49	1	0	2	2	0	1.0308	1.0305	-0.0003	0.9637	0.9634	0.0003
2024-02-21T11:54:52	2	0	10	9	1	1.0480	1.0469	-0.0010	-0.9898	-0.9898	0.0000
2024-02-21T11:55:46	1	0	1	1	0	1.0263	1.0260	-0.0003	0.9602	0.9601	0.0001
2024-02-21T11:56:13	1	0	273	273	0	1.0901	1.0901	0.0000	0.9998	0.9998	0.0000
2024-02-21T12:02:06	2	0	2	2	0	1.0358	1.0358	0.0000	-0.975	-0.975	0.0000
2024-02-21T12:02:47	1	0	54	53	1	1.0545	1.0545	-0.0001	0.9977	0.9977	0.0000
2024-02-21T12:03:34	2	0	14	13	1	1.0483	1.0475	-0.0008	-0.9899	-0.99	0.0001
2024-02-21T12:04:33	2	0	2	1	1	1.0512	1.0456	-0.0056	-0.9859	-0.9859	0.0000
2024-02-21T12:04:34	1	0	74	74	0	1.0583	1.0583	0.0000	0.9974	0.9975	-0.0001
2024-02-21T12:04:47	4	0	2	2	0	1.0473	1.0473	0.0000	0.9818	0.9819	-0.0001
2024-02-21T12:05:04	2	0	91	80	11	1.0572	1.0569	-0.0002	0.9846	0.9838	0.0008
2024-02-21T12:05:21	4	0	18	18	0	1.0515	1.0512	-0.0003	0.9993	0.9993	0.0000
2024-02-21T12:06:21	1	0	4	4	0	1.0466	1.0466	0.0000	0.9965	0.9965	0.0000
2024-02-21T12:09:23	1	0	22	22	0	1.0557	1.0557	0.0000	-0.9674	-0.9672	-0.0002
2024-02-21T12:11:14	1	0	273	273	0	1.0881	1.0881	0.0000	0.9999	0.9999	0.0000
2024-02-21T12:11:58	2	0	51	49	2	1.0505	1.0503	-0.0002	0.9996	0.9996	0.0000
2024-02-21T12:12:44	2	0	62	60	2	1.0502	1.0500	-0.0002	-0.9999	-0.9999	0.0000
2024-02-21T12:13:22	1	0	2	2	0	1.0297	1.0295	-0.0003	0.9966	0.9965	0.0001
2024-02-21T12:14:53	1	0	5	7	-2	1.0504	1.0508	0.0004	0.9861	0.9862	-0.0001
2024-02-21T12:15:54	1	0	52	53	-1	1.0584	1.0582	-0.0002	-0.9961	-0.9961	0.0000
2024-02-21T12:20:06	1	0	39	31	8	1.0568	1.0569	0.0001	0.9747	0.9741	0.0006
2024-02-21T12:20:46	2	0	12	12	0	1.0483	1.0481	-0.0001	0.9938	0.9938	0.0000
2024-02-21T12:25:48	1	0	177	176	1	0.9452	0.9424	-0.0027	0.9354	0.9354	0.0000
2024-02-21T12:26:14	1	0	3	3	0	1.0526	1.0526	0.0000	0.9983	0.9983	0.0000
2024-02-21T12:27:45	3	0	76	73	3	1.0512	1.0511	-0.0001	-0.9999	-0.9999	0.0000
2024-02-21T12:28:51	1	0	2	2	0	1.0418	1.0415	-0.0003	0.999	0.999	0.0000
2024-02-21T12:30:23	1	0	1	0	1	1.0153	null	null	0.9814	0.9813	0.0001
2024-02-21T12:31:31	1	0	14	13	1	1.0488	1.0480	-0.0007	-0.9989	-0.999	0.0001
2024-02-21T12:32:12	3	0	6	5	1	1.0535	1.0525	-0.0010	0.9984	0.9983	0.0001
2024-02-21T12:32:40	1	0	1	1	0	1.0632	1.0576	-0.0056	0.9708	0.971	-0.0002
2024-02-21T12:35:05	1	0	63	63	0	1.0568	1.0567	-0.0001	0.998	0.9979	0.0001
2024-02-21T12:35:07	1	0	30	29	1	1.0565	1.0564	0.0000	0.9742	0.9744	-0.0002
2024-02-21T12:37:46	1	0	1	1	0	1.0625	1.0624	-0.0001	-0.9998	-0.9998	0.0000
2024-02-21T12:39:52	1	0	1	1	0	1.0410	1.0410	0.0000	0.957	0.9566	0.0004
2024-02-21T12:42:40	1	0	6	6	0	1.0512	1.0506	-0.0007	-0.9936	-0.9937	0.0001
2024-02-21T12:47:26	2	0	2	2	0	1.0404	1.0400	-0.0004	0.9794	0.9797	-0.0003
2024-02-21T12:49:37	1	0	25	25	0	1.0546	1.0547	0.0000	0.994	0.9941	-0.0001
2024-02-21T12:54:26	1	0	23	23	0	1.0561	1.0561	0.0000	-0.9677	-0.9683	0.0006
2024-02-21T12:57:27	1	0	5	5	0	1.0201	1.0199	-0.0002	0.9742	0.9741	0.0001
2024-02-21T13:06:25	1	0	8	8	0	1.0483	1.0483	0.0000	0.9974	0.9974	0.0000

2024-02-21T13:12:28	1	0	3	3	0	1.0338	1.0337	0.0000	0.97	0.9702	-0.0002
2024-02-21T13:23:05	1	0	32	32	0	0.9917	0.9916	-0.0001	-0.9941	-0.9941	0.0000
2024-02-21T13:26:23	1	0	10	10	0	1.0298	1.0297	0.0000	0.9914	0.9913	0.0001
2024-02-21T13:27:03	2	0	123	119	4	1.0535	1.0536	0.0001	0.9999	0.9999	0.0000
2024-02-21T13:30:52	2	0	1	0	1	1.0559	null	null	0.9923	0.992	0.0003
2024-02-21T13:32:01	1	0	1	1	0	1.0406	1.0402	-0.0004	0.9983	0.9981	0.0002
2024-02-21T13:33:40	1	0	17	17	0	1.0497	1.0496	-0.0001	-0.991	-0.9911	0.0001
2024-02-21T13:34:28	1	0	1	1	0	1.0366	1.0366	0.0000	0.9411	0.9409	0.0002
2024-02-21T13:35:48	1	0	10	10	0	1.0402	1.0401	-0.0001	0.9965	0.9964	0.0001
2024-02-21T13:38:06	1	0	51	51	0	0.9660	0.9659	-0.0001	-0.994	-0.994	0.0000
2024-02-21T13:43:05	2	0	95	95	0	1.0521	1.0520	0.0000	-0.9996	-0.9996	0.0000
2024-02-21T13:43:59	2	0	2	2	0	1.0301	1.0289	-0.0013	0.999	0.9989	0.0001
2024-02-21T13:44:30	3	0	55	53	2	1.0511	1.0511	0.0000	-0.9953	-0.9953	0.0000
2024-02-21T13:44:54	2	0	56	55	1	1.0491	1.0490	-0.0001	0.9955	0.9955	0.0000
2024-02-21T13:48:41	1	0	23	22	1	1.0505	1.0503	-0.0002	-0.9882	-0.9885	0.0003
2024-02-21T13:50:35	2	0	11	11	0	1.0464	1.0464	0.0000	0.997	0.9969	0.0001
2024-02-21T13:53:06	4	0	7	7	0	1.0545	1.0544	-0.0001	-0.993	-0.9975	0.0045
2024-02-21T13:53:07	1	0	42	41	1	0.9990	0.9976	-0.0015	-0.9932	-0.9932	0.0000
2024-02-21T13:54:30	7	0	36	35	1	1.0489	1.0495	0.0006	0.9638	0.9638	0.0000
2024-02-21T13:55:54	1	0	4	4	0	1.0089	1.0087	-0.0001	0.9602	0.9601	0.0001
2024-02-21T14:00:21	1	0	153	152	1	1.0529	1.0528	0.0000	0.9908	0.9908	0.0000
2024-02-21T14:00:29	3	0	7	7	0	1.0185	1.0182	-0.0002	0.9821	0.9818	0.0003
2024-02-21T14:00:54	2	0	2	2	0	0.9703	0.9704	0.0001	0.9902	0.99	0.0002
2024-02-21T14:01:10	1	0	26	26	0	1.0511	1.0511	0.0000	0.9601	0.9598	0.0003
2024-02-21T14:03:07	1	0	28	27	1	1.0520	1.0518	-0.0002	0.8723	0.8722	0.0001
2024-02-21T14:03:42	2	0	19	17	2	1.0491	1.0489	-0.0002	-0.9938	-0.9941	0.0003
2024-02-21T14:03:52	11	0	4	5	-1	0.9425	0.9427	0.0002	-1	-1	0.0000
2024-02-21T14:04:00	2	0	28	26	2	1.0506	1.0501	-0.0005	0.9407	0.9406	0.0001
2024-02-21T14:04:05	2	0	4	4	0	1.0471	1.0471	0.0000	-0.9956	-0.9955	-0.0001
2024-02-21T14:04:30	1	0	1	1	0	1.0358	1.0358	0.0000	0.9379	0.9377	0.0002
2024-02-21T14:04:55	2	0	89	87	2	1.0607	1.0614	0.0007	0.9893	0.9892	0.0001
2024-02-21T14:05:20	2	0	40	36	4	1.0573	1.0572	-0.0001	0.9871	0.986	0.0011
2024-02-21T14:05:36	6	0	22	21	1	1.0513	1.0521	0.0008	0.9998	0.9997	0.0001
2024-02-21T14:08:08	1	0	47	46	1	1.0198	1.0188	-0.0009	-0.9934	-0.9934	0.0000
2024-02-21T14:09:31	1	0	48	48	0	1.0497	1.0497	0.0000	0.9651	0.9649	0.0002
2024-02-21T14:09:58	8	0	12	9	3	1.0539	1.0552	0.0013	1	1	0.0000
2024-02-21T14:10:02	20	0	435	433	2	1.0628	1.0628	0.0000	-0.9855	-0.9856	0.0001
2024-02-21T14:10:55	2	0	1	1	0	1.0045	1.0041	-0.0004	0.9564	0.9562	0.0002
2024-02-21T14:12:06	3	0	75	74	1	1.0519	1.0520	0.0002	0.9999	0.9999	0.0000
2024-02-21T14:13:07	1	0	112	109	3	1.0522	1.0521	0.0000	-0.9998	-0.9998	0.0000
2024-02-21T14:13:11	2	0	24	23	1	1.0554	1.0542	-0.0012	0.9999	0.9998	0.0001
2024-02-21T14:13:46	2	0	1	1	0	1.1073	1.1073	0.0000	-1	-1	0.0000
2024-02-21T14:15:13	4	0	48	45	3	1.0559	1.0557	-0.0002	0.9874	0.9873	0.0001
2024-02-21T14:15:22	3	0	122	118	4	1.0550	1.0549	-0.0001	0.9855	0.9855	0.0000
2024-02-21T14:15:30	3	0	8	8	0	1.0297	1.0296	-0.0001	0.9851	0.9849	0.0002
2024-02-21T14:15:41	1	0	2	2	0	1.0368	1.0365	-0.0003	1	1	0.0000
2024-02-21T14:15:55	2	0	1	1	0	0.9735	0.9738	0.0003	0.9926	0.9925	0.0001
2024-02-21T14:16:11	1	0	26	26	0	1.0521	1.0520	0.0000	0.963	0.9628	0.0002
2024-02-21T14:16:18	1	0	1	1	0	1.0285	1.0285	0.0000	0.9934	0.9934	0.0000
2024-02-21T14:17:32	2	0	2	3	-1	1.0349	1.0049	-0.0300	0.9795	0.9796	-0.0001
2024-02-21T14:17:47	1	0	1	1	0	1.0588	1.0575	-0.0013	0.9726	0.9723	0.0003
2024-02-21T14:17:55	3	0	32	32	0	1.0519	1.0519	0.0000	0.9809	0.9809	0.0000
2024-02-21T14:18:08	2	0	33	31	2	1.0538	1.0537	-0.0001	0.8817	0.8816	0.0001
2024-02-21T14:18:53	2	0	17	13	4	0.9419	0.9422	0.0002	1	1	0.0000
2024-02-21T14:19:01	2	0	27	25	2	1.0517	1.0513	-0.0005	0.941	0.9409	0.0001
2024-02-21T14:19:06	2	0	4	4	0	1.0419	1.0418	-0.0001	-0.9982	-0.9982	0.0000
2024-02-21T14:19:22	10	0	75	73	2	1.0551	1.0550	-0.0001	0.9969	0.9968	0.0001
2024-02-21T14:20:04	2	0	76	77	-1	1.0611	1.0609	-0.0002	0.9866	0.9865	0.0001
2024-02-21T14:20:25	2	0	55	47	8	1.0567	1.0565	-0.0001	0.9845	0.9832	0.0013
2024-02-21T14:20:43	10	0	40	37	3	1.0506	1.0504	-0.0002	-0.9979	-0.9981	0.0002
2024-02-21T14:21:39	5	0	5	5	0	0.9932	0.9932	0.0000	0.9998	0.9998	0.0000
2024-02-21T14:22:26	4	0	19	19	0	1.0474	1.0472	-0.0002	-0.998	-0.998	0.0000
2024-02-21T14:23:09	1	0	73	70	3	1.0280	1.0266	-0.0014	-0.9913	-0.9913	0.0000
2024-02-21T14:24:32	3	0	23	23	0	1.0441	1.0441	0.0000	0.964	0.9637	0.0003
2024-02-21T14:24:34	2	0	7	7	0	1.0489	1.0489	0.0000	0.9616	0.9612	0.0004
2024-02-21T14:25:16	14	0	536	529	7	1.0626	1.0625	-0.0001	-0.9837	-0.9838	0.0001
2024-02-21T14:25:21	1	0	4	4	0	1.0486	1.0486	0.0000	0.9999	1	-0.0001
2024-02-21T14:25:56	2	0	1	1	0	0.9958	0.9956	-0.0002	0.9359	0.9317	0.0042
2024-02-21T14:27:33	1	0	6	6	0	1.0287	1.0286	-0.0001	0.9743	0.9742	0.0001
2024-02-21T14:28:12	4	0	9	9	0	1.0452	1.0451	-0.0001	0.9753	0.9749	0.0004
2024-02-21T14:28:44	1	0	14	14	0	1.0463	1.0462	-0.0001	-1	-1	0.0000
2024-02-21T14:29:40	2	0	11	11	0	1.0450	1.0450	0.0000	-0.9999	-0.9999	0.0000
2024-02-21T14:30:18	1	0	29	29	0	1.0552	1.0552	0.0000	0.9872	0.9871	0.0001
2024-02-21T14:30:23	2	0	91	90	1	1.0544	1.0545	0.0001	0.9838	0.9838	0.0000
2024-02-21T14:30:56	2	0	2	2	0	0.9740	0.9742	0.0002	0.9916	0.9915	0.0001
2024-02-21T14:31:05	4	0	19	19	0	1.0463	1.0462	0.0000	0.9996	0.9996	0.0000
2024-02-21T14:32:05	1	0	1	1	0	1.0405	1.0400	-0.0005	0.9963	0.9961	0.0002
2024-02-21T14:32:48	1	0	1	1	0	1.0580	1.0575	-0.0005	0.9713	0.9711	0.0002
2024-02-21T14:32:58	3	0	60	58	2	1.0546	1.0544	-0.0001	0.9989	0.9988	0.0001
2024-02-21T14:33:11	1	0	8	8	0	0.9576	0.9577	0.0001	0.9725	0.9724	0.0001
2024-02-21T14:33:44	2	0	22	17	5	1.0494	1.0493	-0.0001	-0.9764	-0.9853	0.0089
2024-02-21T14:33:55	2	0	24	23	1	0.9416	0.9418	0.0002	-0.9999	-0.9999	0.0000
2024-02-21T14:34:02	2	0	20	18	2	1.0509	1.0503	-0.0006	0.9385	0.9384	0.0001
2024-02-21T14:34:23	8	0	73	70	3	1.0549	1.0549	-0.0001	0.9967	0.9966	0.0001
2024-02-21T14:35:13	1	0	3	3	0	1.0507	1.0506	-0.0001	0.9963	0.9962	0.0001

2024-02-21T14:35:22	2	0	27	27	0	1.0518	1.0518	0.0000	0.9899	0.9899	0.0000
2024-02-21T14:35:29	2	0	59	45	14	1.0571	1.0572	0.0001	0.9878	0.9865	0.0013
2024-02-21T14:35:34	2	0	51	52	-1	1.0562	1.0561	-0.0001	0.9594	0.9587	0.0007
2024-02-21T14:36:20	2	0	2	2	0	1.0652	1.0648	-0.0003	0.9474	0.945	0.0024
2024-02-21T14:36:40	4	0	12	12	0	0.9613	0.9613	0.0000	0.9995	0.9994	0.0001
2024-02-21T14:36:49	2	0	1	1	0	1.0290	1.0285	-0.0005	0.9199	0.9185	0.0014
2024-02-21T14:36:50	3	0	3	3	0	1.0177	1.0167	-0.0010	0.977	0.9765	0.0005
2024-02-21T14:37:27	4	0	22	22	0	1.0473	1.0472	0.0000	-0.9979	-0.9979	0.0000
2024-02-21T14:37:43	1	0	4	4	0	1.0520	1.0519	-0.0001	0.9951	0.9951	0.0000
2024-02-21T14:38:10	1	0	18	17	1	1.0217	1.0195	-0.0022	-0.9973	-0.9973	0.0000
2024-02-21T14:38:53	1	0	77	74	3	1.0515	1.0516	0.0001	-0.906	-0.9062	0.0002
2024-02-21T14:39:33	6	0	47	46	1	1.0501	1.0500	-0.0001	0.9656	0.9694	-0.0038
2024-02-21T14:39:33	1	0	16	16	0	1.0541	1.0541	0.0000	-0.9621	-0.9622	0.0001
2024-02-21T14:39:35	3	0	6	6	0	1.0493	1.0492	-0.0001	0.9646	0.9637	0.0009
2024-02-21T14:40:00	1	0	3	3	0	1.0245	1.0244	-0.0001	0.9653	0.9652	0.0001
2024-02-21T14:40:33	10	0	475	464	11	1.0625	1.0624	-0.0001	-0.9844	-0.9845	0.0001
2024-02-21T14:40:57	2	0	3	3	0	1.0052	1.0051	-0.0001	0.9632	0.9631	0.0001
2024-02-21T14:41:06	1	0	17	17	0	1.0344	1.0343	0.0000	0.9823	0.9821	0.0002
2024-02-21T14:42:08	1	0	118	114	4	1.0535	1.0535	0.0000	0.9999	0.9999	0.0000
2024-02-21T14:43:09	3	0	168	167	1	1.0534	1.0534	0.0000	-0.9994	-0.9994	0.0000
2024-02-21T14:43:13	1	0	4	4	0	1.0604	1.0604	0.0000	0.9826	0.9826	0.0000
2024-02-21T14:43:43	1	0	1	1	0	1.0327	1.0323	-0.0004	0.9835	0.9833	0.0002
2024-02-21T14:43:52	2	0	36	35	1	1.0504	1.0504	0.0000	0.995	0.995	0.0000
2024-02-21T14:44:03	1	0	1	1	0	1.0391	1.0383	-0.0008	0.9994	0.9994	0.0000
2024-02-21T14:44:32	1	0	2	2	0	1.0519	1.0516	-0.0002	-0.9068	-0.9375	0.0307
2024-02-21T14:44:51	2	0	10	10	0	1.0457	1.0457	0.0000	-0.9999	-0.9999	0.0000
2024-02-21T14:45:19	1	0	53	51	2	1.0562	1.0562	0.0000	0.9889	0.9889	0.0000
2024-02-21T14:45:24	4	0	114	110	4	1.0547	1.0547	0.0000	0.9846	0.9845	0.0001
2024-02-21T14:45:57	2	0	1	1	0	0.9691	0.9692	0.0001	0.9905	0.9902	0.0003
2024-02-21T14:46:02	1	0	5	5	0	1.0338	1.0337	-0.0001	0.9452	0.9449	0.0003
2024-02-21T14:46:13	1	0	26	26	0	1.0521	1.0521	0.0000	0.9666	0.9665	0.0001
2024-02-21T14:47:21	2	0	10	10	0	1.0513	1.0512	0.0000	0.9981	0.998	0.0001
2024-02-21T14:47:33	3	0	122	123	-1	1.0526	1.0525	-0.0001	0.9979	0.9978	0.0001
2024-02-21T14:48:45	1	0	17	17	0	1.0474	1.0470	-0.0004	-0.9907	-0.9911	0.0004
2024-02-21T14:49:08	2	0	5	5	0	1.0443	1.0443	0.0000	-0.998	-0.998	0.0000
2024-02-21T14:50:33	1	0	65	55	10	1.0572	1.0574	0.0002	0.9865	0.9865	0.0000
2024-02-21T14:53:11	1	0	22	21	1	1.0046	1.0020	-0.0025	-0.997	-0.997	0.0000
2024-02-21T14:53:54	1	0	82	81	1	1.0522	1.0522	-0.0001	-0.9016	-0.9017	0.0001
2024-02-21T14:55:49	6	0	555	551	4	1.0620	1.0619	-0.0001	-0.9844	-0.9844	0.0000
2024-02-21T14:57:09	3	0	96	96	0	1.0528	1.0528	0.0000	0.9999	0.9999	0.0000
2024-02-21T14:57:35	1	0	3	3	0	1.0130	1.0130	0.0000	0.9726	0.9726	0.0000
2024-02-21T14:57:53	5	0	636	630	6	1.0663	1.0666	0.0002	-0.9996	-0.9997	0.0001
2024-02-21T14:58:10	3	0	223	219	4	1.0541	1.0541	0.0000	-0.9995	-0.9995	0.0000
2024-02-21T14:58:46	1	0	17	17	0	1.0471	1.0471	0.0000	-1	-1	0.0000
2024-02-21T15:02:35	1	0	2	3	-1	1.0362	1.0058	-0.0304	0.983	0.983	0.0000
2024-02-21T15:03:00	3	0	76	75	1	1.0549	1.0549	0.0000	0.9985	0.9985	0.0000
2024-02-21T15:03:46	1	0	16	15	1	1.0488	1.0484	-0.0004	-0.9905	-0.9909	0.0004
2024-02-21T15:05:34	1	0	41	38	3	1.0570	1.0571	0.0000	0.9866	0.986	0.0006
2024-02-21T15:08:12	1	0	38	36	2	1.0527	1.0522	-0.0005	-0.9969	-0.9969	0.0000
2024-02-21T15:11:32	1	0	10	10	0	1.0467	1.0466	-0.0001	0.9995	0.9995	0.0000
2024-02-21T15:12:10	2	0	80	79	1	1.0525	1.0525	-0.0001	0.9999	0.9999	0.0000
2024-02-21T15:13:15	1	0	3	3	0	1.0569	1.0568	0.0000	0.9916	0.9916	0.0000
2024-02-21T15:14:05	2	0	3	3	0	1.0356	1.0340	-0.0016	0.9996	0.9995	0.0001
2024-02-21T15:14:26	2	0	19	19	0	1.0468	1.0467	-0.0001	-0.9997	-0.9997	0.0000
2024-02-21T15:14:53	1	0	9	9	0	1.0450	1.0450	0.0000	-1	-1	0.0000
2024-02-21T15:15:34	2	0	2	1	1	1.0134	1.0115	-0.0019	0.9844	0.9842	0.0002
2024-02-21T15:18:47	1	0	10	9	1	1.0477	1.0475	-0.0002	-0.9903	-0.9907	0.0004
2024-02-21T15:20:35	1	0	35	33	2	1.0571	1.0571	0.0000	0.9855	0.9849	0.0006
2024-02-21T15:20:45	1	0	39	39	0	1.0486	1.0486	0.0000	-0.9941	-0.9942	0.0001
2024-02-21T15:23:13	1	0	36	32	4	1.0426	1.0408	-0.0018	-0.9972	-0.9972	0.0000
2024-02-21T15:25:15	2	0	2	2	0	1.0536	1.0536	0.0000	0.9998	0.9998	0.0000
2024-02-21T15:28:46	1	0	1	0	1	1.0320	null	null	0.9856	0.9855	0.0001
2024-02-21T15:29:06	1	0	2	2	0	1.0413	1.0411	-0.0002	0.9991	0.9991	0.0000
2024-02-21T15:30:35	2	0	3	3	0	1.0118	1.0117	-0.0001	0.9835	0.9834	0.0001
2024-02-21T15:33:13	4	0	74	69	5	1.0557	1.0557	0.0000	0.9191	0.9186	0.0005
2024-02-21T15:33:48	1	0	17	17	0	1.0484	1.0481	-0.0003	-0.9905	-0.9908	0.0003
2024-02-21T15:35:36	1	0	61	55	6	1.0578	1.0579	0.0001	0.9929	0.9926	0.0003
2024-02-21T15:43:13	1	0	497	496	1	1.0638	1.0639	0.0001	-0.9998	-0.9999	0.0001
2024-02-21T15:43:54	1	0	1	0	1	1.0298	null	null	0.9854	0.9852	0.0002
2024-02-21T15:44:16	2	0	8	8	0	1.0245	1.0244	-0.0001	-1	-1	0.0000
2024-02-21T15:45:55	1	0	1	1	0	1.0285	1.0282	-0.0003	0.9976	0.9975	0.0001
2024-02-21T15:50:37	1	0	62	55	7	1.0574	1.0575	0.0002	0.9927	0.9923	0.0004
2024-02-21T15:51:08	1	0	44	42	2	1.0464	1.0464	0.0000	0.9988	0.9988	0.0000
2024-02-21T15:56:29	1	0	9	9	0	1.0498	1.0498	0.0000	0.9994	0.9994	0.0000
2024-02-21T15:59:05	1	0	3	3	0	1.0300	1.0299	-0.0001	0.9858	0.9856	0.0002
2024-02-21T16:03:50	1	0	9	9	0	1.0470	1.0466	-0.0004	-0.9925	-0.9927	0.0002
2024-02-21T16:06:00	1	0	81	80	1	1.0517	1.0517	0.0000	-0.9911	-0.991	-0.0001
2024-02-21T16:06:48	1	0	7	7	0	1.0499	1.0498	-0.0001	-0.9739	-0.9742	0.0003
2024-02-21T16:20:41	2	0	14	12	2	1.0284	1.0343	0.0059	0.9547	0.9441	0.0106
2024-02-21T16:20:59	1	0	11	11	0	1.0446	1.0446	0.0000	0.9999	0.9999	0.0000
2024-02-21T16:25:19	5	0	3	3	0	1.0443	1.0440	-0.0003	0.9998	0.9998	0.0000
2024-02-21T16:41:05	1	0	17	17	0	0.9476	0.9475	0.0000	-0.9912	-0.9908	-0.0004
2024-02-21T16:48:53	1	0	8	8	0	1.0483	1.0480	-0.0002	-0.9958	-0.9958	0.0000
2024-02-21T17:02:03	1	0	95	95	0	0.9406	0.9407	0.0000	0.9798	0.9797	0.0001
2024-02-21T17:07:12	2	0	3	3	0	0.9580	0.9589	0.0009	0.9876	0.9879	-0.0003

2024-02-21T18:36:40	3	0	1	1	0	1.0326	1.0326	0.0000	0.9955	0.9954	0.0001
2024-02-22T07:51:50	1	0	143	143	0	0.9085	0.9085	0.0000	0.9789	0.9789	0.0000
2024-02-22T07:55:34	1	0	90	90	0	0.9321	0.9322	0.0001	-0.9959	-0.9956	-0.0003
2024-02-22T07:57:58	1	0	120	120	0	0.9332	0.9332	0.0000	0.9984	0.9984	0.0000
2024-02-22T08:13:37	2	0	3	3	0	1.0198	1.0195	-0.0003	-1	-1	0.0000
2024-02-22T08:15:44	1	0	67	67	0	1.0558	1.0557	-0.0001	0.9944	0.9944	0.0000
2024-02-22T08:16:35	1	0	124	124	0	0.9370	0.9370	0.0000	0.9836	0.9836	0.0000
2024-02-22T08:18:16	1	0	84	84	0	0.9454	0.9455	0.0001	0.9913	0.9914	-0.0001
2024-02-22T08:21:46	1	0	109	109	0	1.0624	1.0623	-0.0001	0.989	0.989	0.0000
2024-02-22T08:26:06	1	0	21	21	0	0.9641	0.9642	0.0002	0.9977	0.9977	0.0000
2024-02-22T08:27:32	1	0	373	372	1	1.0623	1.0623	0.0000	0.9998	0.9998	0.0000
2024-02-22T08:33:28	1	0	44	44	0	0.9359	0.9361	0.0002	0.9714	0.9713	0.0001
2024-02-22T08:36:43	1	0	4	4	0	1.0285	1.0283	-0.0001	0.9997	0.9997	0.0000
2024-02-22T08:36:46	1	0	13	13	0	0.9404	0.9407	0.0003	-0.9975	-0.9974	-0.0001
2024-02-22T08:43:17	2	0	1	1	0	1.0008	1.0008	0.0000	-0.9969	-0.9968	-0.0001
2024-02-22T08:51:44	1	0	4	4	0	1.0355	1.0353	-0.0002	0.9994	0.9994	0.0000
2024-02-22T08:51:48	1	0	146	145	1	0.9965	0.9985	0.0020	0.9887	0.9887	0.0000
2024-02-22T08:55:38	1	0	88	88	0	0.9316	0.9316	0.0000	-0.9968	-0.9966	-0.0002
2024-02-22T08:57:34	1	0	391	391	0	1.0627	1.0627	0.0000	0.9999	0.9999	0.0000
2024-02-22T08:58:28	1	0	1	1	0	0.9990	0.9990	0.0000	-0.9965	-0.9965	0.0000
2024-02-22T08:58:40	1	0	2	2	0	1.0378	1.0376	-0.0002	0.9998	0.9998	0.0000
2024-02-22T09:02:14	1	0	4	4	0	1.0459	1.0459	0.0000	0.9994	0.9994	0.0000
2024-02-22T09:06:48	1	0	14	14	0	0.9395	0.9400	0.0005	-0.9959	-0.9957	-0.0002
2024-02-22T09:06:49	2	0	116	114	2	0.9757	0.9766	0.0009	0.9881	0.9881	0.0000
2024-02-22T09:08:15	1	0	210	209	1	1.0581	1.0581	0.0000	-0.9958	-0.9957	-0.0001
2024-02-22T09:10:39	1	0	95	94	1	0.9343	0.9344	0.0001	-0.9978	-0.9976	-0.0002
2024-02-22T09:11:09	1	0	19	18	1	0.9783	0.9804	0.0021	0.9977	0.9977	0.0000
2024-02-22T09:12:35	1	0	464	464	0	1.0633	1.0632	0.0000	0.9999	0.9999	0.0000
2024-02-22T09:12:59	1	0	5	1	4	0.9443	0.9443	0.0000	0.9838	0.984	-0.0002
2024-02-22T09:13:31	1	0	9	9	0	1.0427	1.0426	0.0000	0.9997	0.9997	0.0000
2024-02-22T09:18:31	1	0	28	25	3	0.9399	0.9400	0.0001	0.9758	0.9758	0.0000
2024-02-22T09:24:28	1	0	3	3	0	1.0429	1.0426	-0.0003	0.9949	0.9947	0.0002
2024-02-22T09:25:40	1	0	95	95	0	0.9335	0.9336	0.0001	-0.9986	-0.9977	-0.0009
2024-02-22T09:27:36	2	0	517	516	1	1.0659	1.0658	-0.0001	1	1	0.0000
2024-02-22T09:28:00	1	0	74	74	0	0.9397	0.9399	0.0002	0.9839	0.9842	-0.0003
2024-02-22T09:28:07	1	0	1	1	0	0.9431	0.9435	0.0004	-0.9998	-0.9998	0.0000
2024-02-22T09:28:32	1	0	6	6	0	1.0409	1.0408	-0.0002	0.9981	0.9981	0.0000
2024-02-22T09:30:42	1	0	1	1	0	0.9725	0.9731	0.0006	0.997	0.9971	-0.0001
2024-02-22T09:33:41	3	0	3	3	0	1.0102	1.0098	-0.0003	-0.9995	-0.9995	0.0000
2024-02-22T09:34:47	5	0	12	10	2	1.0546	1.0541	-0.0005	0.9944	0.9943	0.0001
2024-02-22T09:35:27	7	0	32	32	0	1.0460	1.0458	-0.0002	-0.9995	-0.9996	0.0001
2024-02-22T09:41:43	2	0	1	1	0	0.9869	0.9874	0.0005	0.9944	0.9944	0.0000
2024-02-22T09:44:25	3	0	14	13	1	1.0518	1.0515	-0.0003	0.9966	0.9967	-0.0001
2024-02-22T09:45:50	1	0	13	13	0	1.0470	1.0469	-0.0001	0.9867	0.9866	0.0001
2024-02-22T09:46:06	1	0	11	11	0	1.0194	1.0193	-0.0001	0.9941	0.9941	0.0000
2024-02-22T09:47:23	2	0	3	3	0	1.0320	1.0317	-0.0003	0.9742	0.9741	0.0001
2024-02-22T09:51:28	2	0	65	64	1	0.9254	0.9255	0.0001	0.9936	0.9936	0.0000
2024-02-22T09:58:21	1	0	1	0	1	1.0270	null	null	0.9961	0.9961	0.0000
2024-02-22T09:58:42	2	0	1	1	0	1.0039	1.0034	-0.0005	-0.9959	-0.9951	-0.0008
2024-02-22T09:59:05	1	0	1	1	0	1.0598	1.0594	-0.0004	-0.9989	-0.9989	0.0000
2024-02-22T09:59:26	3	0	10	10	0	1.0521	1.0518	-0.0002	0.9971	0.997	0.0001
2024-02-22T10:00:13	1	0	79	78	1	1.0511	1.0510	-0.0001	0.9912	0.9912	0.0000
2024-02-22T10:02:24	1	0	1	1	0	1.0374	1.0372	-0.0002	0.9742	0.9741	0.0001
2024-02-22T10:02:24	5	0	48	45	3	1.0529	1.0526	-0.0002	0.9815	0.9814	0.0001
2024-02-22T10:02:52	2	0	103	96	7	0.9376	0.9380	0.0004	0.9667	0.9668	-0.0001
2024-02-22T10:03:34	2	0	2	2	0	1.0469	1.0455	-0.0013	-0.9987	-0.9989	0.0002
2024-02-22T10:03:34	1	0	77	73	4	0.9319	0.9322	0.0003	0.9712	0.9712	0.0000
2024-02-22T10:04:02	2	0	7	7	0	1.0434	1.0431	-0.0003	0.9968	0.9968	0.0000
2024-02-22T10:06:29	1	0	66	66	0	0.9315	0.9317	0.0002	0.9941	0.9942	-0.0001
2024-02-22T10:06:53	1	0	122	117	5	1.0643	1.0641	-0.0003	0.9909	0.9909	0.0000
2024-02-22T10:06:59	1	0	22	21	1	0.9415	0.9419	0.0004	0.9819	0.9815	0.0004
2024-02-22T10:11:17	3	0	4	4	0	1.0106	1.0109	0.0003	0.9813	0.9815	-0.0002
2024-02-22T10:13:45	1	0	1	1	0	1.0454	1.0451	-0.0003	0.9997	0.9997	0.0000
2024-02-22T10:14:24	2	0	12	12	0	1.0451	1.0450	-0.0001	-0.9996	-0.9996	0.0000
2024-02-22T10:14:54	2	0	5	5	0	0.9643	0.9644	0.0001	0.9731	0.9731	0.0000
2024-02-22T10:15:14	2	0	72	70	2	1.0511	1.0510	-0.0001	0.9909	0.9909	0.0000
2024-02-22T10:16:08	2	0	7	7	0	1.0195	1.0192	-0.0002	0.9938	0.9938	0.0000
2024-02-22T10:17:25	2	0	62	60	2	1.0535	1.0534	-0.0001	0.9808	0.9808	0.0000
2024-02-22T10:18:35	1	0	2	0	2	1.0455	null	null	-0.9993	-0.9994	0.0001
2024-02-22T10:19:02	3	0	5	5	0	1.0401	1.0397	-0.0004	0.9964	0.9963	0.0001
2024-02-22T10:19:53	1	0	11	11	0	1.0499	1.0499	0.0000	0.9467	0.946	0.0007
2024-02-22T10:20:30	2	0	33	33	0	1.0448	1.0446	-0.0002	-0.999	-0.999	0.0000
2024-02-22T10:20:44	3	0	9	9	0	1.0506	1.0502	-0.0004	-0.9891	-0.99	0.0009
2024-02-22T10:21:50	2	0	2	2	0	1.0279	1.0274	-0.0005	0.9998	0.9998	0.0000
2024-02-22T10:21:54	1	0	126	121	5	1.0219	1.0463	0.0244	0.9954	0.9955	-0.0001
2024-02-22T10:23:10	1	0	3	3	0	1.0314	1.0314	0.0000	0.9984	0.9984	0.0000
2024-02-22T10:24:24	3	0	27	27	0	1.0090	1.0089	0.0000	0.9687	0.9688	-0.0001
2024-02-22T10:27:40	3	0	524	524	0	1.0648	1.0649	0.0001	0.9999	0.9999	0.0000
2024-02-22T10:28:43	1	0	17	17	0	1.0484	1.0483	-0.0001	0.9964	0.9947	0.0017
2024-02-22T10:29:25	1	0	21	21	0	1.0479	1.0479	0.0000	-0.9995	-0.9995	0.0000
2024-02-22T10:29:41	1	0	2	2	0	1.0248	1.0247	-0.0001	0.9933	0.9933	0.0000
2024-02-22T10:30:20	3	0	1	0	1	1.0621	null	null	0.9885	0.9885	0.0000
2024-02-22T10:30:48	1	0	55	55	0	0.9525	0.9527	0.0002	0.9898	0.9895	0.0003
2024-02-22T10:31:24	1	0	8	8	0	1.0199	1.0197	-0.0002	0.9925	0.9925	0.0000
2024-02-22T10:32:26	2	0	65	64	1	1.0537	1.0537	-0.0001	0.979	0.9789	0.0001

2024-02-22T10:33:36	1	0	2	2	0	1.0476	1.0465	-0.0011	-0.9979	-0.9981	0.0002
2024-02-22T10:33:36	3	0	25	21	4	0.9427	0.9409	-0.0018	0.9719	0.9716	0.0003
2024-02-22T10:33:45	1	0	12	12	0	1.0549	1.0545	-0.0004	0.9961	0.996	0.0001
2024-02-22T10:33:45	4	0	41	40	1	0.9464	0.9465	0.0002	-0.9997	-0.9997	0.0000
2024-02-22T10:35:02	1	0	16	16	0	1.0514	1.0512	-0.0002	0.9754	0.9742	0.0012
2024-02-22T10:35:03	2	0	1	1	0	1.0293	1.0285	-0.0008	0.9763	0.9761	0.0002
2024-02-22T10:35:45	1	0	12	12	0	1.0529	1.0529	0.0000	-0.985	-0.9859	0.0009
2024-02-22T10:37:07	1	0	41	39	2	1.0552	1.0549	-0.0003	-0.9992	-0.9992	0.0000
2024-02-22T10:39:48	2	0	3	3	0	1.0427	1.0424	-0.0003	0.9979	0.9978	0.0001
2024-02-22T10:39:51	1	0	1	1	0	1.0378	1.0375	-0.0003	0.9793	0.9792	0.0001
2024-02-22T10:39:58	2	0	34	33	1	1.0480	1.0478	-0.0002	0.9956	0.9956	0.0000
2024-02-22T10:40:13	1	0	1	1	0	0.9415	0.9419	0.0004	0.9863	0.9862	0.0001
2024-02-22T10:40:48	2	0	506	504	2	0.8775	0.8780	0.0005	0.9214	0.9216	-0.0002
2024-02-22T10:40:59	1	0	15	14	1	1.0514	1.0508	-0.0006	0.9985	0.9984	0.0001
2024-02-22T10:44:26	1	0	17	14	3	1.0467	1.0471	0.0003	-0.9996	-0.9996	0.0000
2024-02-22T10:45:45	2	0	1	1	0	1.0430	1.0421	-0.0009	0.9985	0.9985	0.0000
2024-02-22T10:47:08	1	0	3	3	0	1.0293	1.0291	-0.0002	0.9903	0.9903	0.0000
2024-02-22T10:47:19	4	0	29	28	1	1.0489	1.0485	-0.0003	0.9958	0.9958	0.0000
2024-02-22T10:47:55	4	0	146	146	0	0.9350	0.9350	0.0000	0.9663	0.9661	0.0002
2024-02-22T10:48:17	2	0	1	0	1	0.9752	null	null	0.9967	0.9968	-0.0001
2024-02-22T10:48:37	1	0	7	5	2	1.0463	1.0460	-0.0003	-0.9989	-0.9991	0.0002
2024-02-22T10:48:50	1	0	1	1	0	1.0111	1.0108	-0.0003	0.9908	0.9907	0.0001
2024-02-22T10:50:07	1	0	17	17	0	1.0512	1.0510	-0.0002	0.9733	0.9722	0.0011
2024-02-22T10:50:09	2	0	12	11	1	1.0511	1.0528	0.0018	0.9979	0.9978	0.0001
2024-02-22T10:50:59	2	0	2	2	0	1.0653	1.0646	-0.0007	-0.4891	-0.4641	-0.0250
2024-02-22T10:52:48	1	0	1	0	1	1.0453	null	null	0.968	0.9677	0.0003
2024-02-22T10:56:02	2	0	25	19	6	0.9443	0.9445	0.0001	-0.9972	-0.9971	-0.0001
2024-02-22T10:56:20	1	0	2	2	0	1.0017	1.0016	-0.0002	0.9849	0.9849	0.0000
2024-02-22T10:58:48	2	0	2	2	0	1.0270	1.0245	-0.0025	0.9997	0.9996	0.0001
2024-02-22T10:59:27	1	0	23	23	0	1.0476	1.0476	0.0000	-0.9992	-0.9993	0.0001
2024-02-22T10:59:51	1	0	6	5	1	1.0527	1.0507	-0.0020	0.9739	0.9737	0.0002
2024-02-22T11:01:39	1	0	3	3	0	1.0053	1.0050	-0.0002	0.9832	0.9831	0.0001
2024-02-22T11:01:44	3	0	1	1	0	1.0406	1.0397	-0.0009	0.992	0.9979	-0.0059
2024-02-22T11:02:20	2	0	29	29	0	1.0495	1.0493	-0.0002	0.996	0.9959	0.0001
2024-02-22T11:02:28	5	0	101	97	4	1.0546	1.0545	-0.0001	0.9788	0.9787	0.0001
2024-02-22T11:03:38	1	0	3	2	1	1.0463	1.0457	-0.0006	-0.9975	-0.9977	0.0002
2024-02-22T11:03:47	3	0	11	10	1	1.0383	1.0363	-0.0020	-0.9983	-0.9984	0.0001
2024-02-22T11:05:13	1	0	18	18	0	1.0526	1.0524	-0.0002	0.9727	0.9715	0.0012
2024-02-22T11:05:33	9	0	58	58	0	1.0474	1.0473	-0.0002	-0.9989	-0.9991	0.0002
2024-02-22T11:05:34	1	0	8	8	0	1.0449	1.0447	-0.0001	-0.9994	-0.9995	0.0001
2024-02-22T11:05:48	1	0	2	2	0	0.9860	0.9859	-0.0002	-0.9995	-0.9994	-0.0001
2024-02-22T11:06:47	1	0	5	5	0	1.0498	1.0497	-0.0001	-0.9968	-0.9969	0.0001
2024-02-22T11:07:06	2	0	2	2	0	1.0264	1.0258	-0.0006	0.9996	0.9996	0.0000
2024-02-22T11:08:28	3	0	1	1	0	0.9409	0.9417	0.0008	0.9952	0.9953	-0.0001
2024-02-22T11:14:31	2	0	11	11	0	1.0521	1.0520	-0.0001	0.9967	0.9967	0.0000
2024-02-22T11:14:43	1	0	2	2	0	1.0256	1.0258	0.0002	0.9862	0.9698	0.0164
2024-02-22T11:15:23	2	0	4	4	0	0.9544	0.9540	-0.0004	0.9805	0.9803	0.0002
2024-02-22T11:15:25	2	0	7	6	1	1.0472	1.0443	-0.0029	0.961	0.9609	0.0001
2024-02-22T11:16:17	2	0	1	0	1	1.0290	null	null	0.9886	0.9882	0.0004
2024-02-22T11:17:10	1	0	7	7	0	1.0261	1.0262	0.0001	0.9897	0.9898	-0.0001
2024-02-22T11:17:29	3	0	137	132	5	1.0551	1.0551	0.0000	0.9799	0.9799	0.0000
2024-02-22T11:18:39	1	0	9	6	3	1.0476	1.0461	-0.0015	-0.9964	-0.9967	0.0003
2024-02-22T11:18:39	1	0	1	1	0	1.0555	1.0551	-0.0004	0.9788	0.9787	0.0001
2024-02-22T11:18:58	1	0	9	9	0	1.0451	1.0450	0.0000	-0.998	-0.998	0.0000
2024-02-22T11:19:20	2	0	30	29	1	1.0507	1.0505	-0.0002	-1	-1	0.0000
2024-02-22T11:19:26	1	0	2	2	0	1.0336	1.0335	-0.0002	0.983	0.9829	0.0001
2024-02-22T11:20:16	1	0	19	19	0	1.0515	1.0513	-0.0002	0.9638	0.9625	0.0013
2024-02-22T11:20:35	1	0	6	6	0	1.0427	1.0426	-0.0001	-0.9995	-0.9995	0.0000
2024-02-22T11:21:11	1	0	3	3	0	1.0612	1.0609	-0.0003	-0.9876	-0.9916	0.0040
2024-02-22T11:21:34	2	0	52	52	0	0.9400	0.9400	0.0001	0.996	0.9959	0.0001
2024-02-22T11:24:28	1	0	24	25	-1	1.0482	1.0480	-0.0001	0.9663	0.9663	0.0000
2024-02-22T11:26:48	1	0	1	1	0	1.0581	1.0571	-0.0010	0.9947	0.9946	0.0001
2024-02-22T11:28:11	2	0	3	3	0	1.0156	1.0156	0.0000	0.9815	0.9816	-0.0001
2024-02-22T11:28:37	1	0	2	2	0	1.0321	1.0319	-0.0003	0.996	0.9959	0.0001
2024-02-22T11:28:43	1	0	1	1	0	1.0455	1.0455	0.0000	0.9996	0.9996	0.0000
2024-02-22T11:28:47	2	0	30	29	1	1.0526	1.0526	0.0000	0.9985	0.9971	0.0014
2024-02-22T11:29:35	1	0	5	5	0	1.0360	1.0359	-0.0001	0.9915	0.9915	0.0000
2024-02-22T11:29:40	1	0	9	9	0	1.0465	1.0465	0.0000	-0.9996	-0.9996	0.0000
2024-02-22T11:30:24	2	0	2	2	0	0.9342	0.9342	0.0000	0.9797	0.9797	0.0000
2024-02-22T11:30:48	2	0	1	1	0	1.0560	1.0560	0.0000	0.9988	0.9988	0.0000
2024-02-22T11:31:18	2	0	1	1	0	1.0338	1.0337	-0.0001	0.9882	0.9881	0.0001
2024-02-22T11:31:58	1	0	1	0	1	1.0369	null	null	0.9935	0.9935	0.0000
2024-02-22T11:32:05	5	0	3	3	0	1.0055	1.0054	-0.0001	0.9869	0.9857	0.0012
2024-02-22T11:32:24	1	0	5	5	0	1.0493	1.0493	0.0000	0.9991	0.9991	0.0000
2024-02-22T11:33:09	1	0	2	0	2	1.0558	null	null	0.9751	0.9751	0.0000
2024-02-22T11:33:19	5	0	13	13	0	1.0210	1.0119	-0.0091	0.9692	0.9689	0.0003
2024-02-22T11:33:20	1	0	1	1	0	0.9724	0.9726	0.0002	0.9949	0.9949	0.0000
2024-02-22T11:33:40	2	0	9	8	1	1.0480	1.0463	-0.0017	-0.9964	-0.9966	0.0002
2024-02-22T11:34:08	1	0	43	43	0	1.0577	1.0578	0.0000	0.9955	0.9954	0.0001
2024-02-22T11:34:55	4	0	2	2	0	1.0483	1.0483	0.0000	0.9804	0.9805	-0.0001
2024-02-22T11:35:06	3	0	2	2	0	1.0319	1.0316	-0.0003	0.9757	0.9757	0.0000
2024-02-22T11:35:21	2	0	16	16	0	1.0523	1.0522	-0.0001	0.9456	0.9452	0.0004
2024-02-22T11:35:36	3	0	13	13	0	1.0447	1.0447	0.0000	-0.9992	-0.9992	0.0000
2024-02-22T11:36:17	1	0	2	2	0	1.0716	1.0716	0.0000	-0.9732	-0.9753	0.0021
2024-02-22T11:36:44	2	0	1	1	0	1.0559	1.0550	-0.0009	0.9251	0.9241	0.0010

2024-02-22T11:36:49	2	0	6	6	0	1.0506	1.0505	-0.0001	-0.9964	-0.9965	0.0001
2024-02-22T11:40:02	2	0	62	61	1	1.0496	1.0495	-0.0001	0.996	0.996	0.0000
2024-02-22T11:40:17	1	0	6	6	0	0.9526	0.9526	0.0000	0.9874	0.9873	0.0001
2024-02-22T11:43:15	1	0	25	25	0	0.9410	0.9411	0.0000	-0.9999	-0.9999	0.0000
2024-02-22T11:43:44	1	0	3	3	0	1.0457	1.0457	0.0000	0.9995	0.9995	0.0000
2024-02-22T11:45:20	1	0	33	32	1	1.0503	1.0501	-0.0003	0.9918	0.9918	0.0000
2024-02-22T11:45:25	2	0	3	3	0	0.9362	0.9362	0.0000	0.9791	0.9791	0.0000
2024-02-22T11:47:25	1	0	14	14	0	1.0487	1.0487	0.0000	-1	-1	0.0000
2024-02-22T11:47:31	2	0	3	2	1	0.9935	1.0213	0.0277	0.9747	0.9747	0.0000
2024-02-22T11:48:41	2	0	11	10	1	1.0501	1.0489	-0.0012	-0.9967	-0.9969	0.0002
2024-02-22T11:49:26	1	0	84	84	0	1.0624	1.0623	-0.0001	0.9978	0.9978	0.0000
2024-02-22T11:49:56	4	0	4	4	0	1.0472	1.0472	0.0000	0.9822	0.9823	-0.0001
2024-02-22T11:50:23	1	0	17	17	0	1.0530	1.0529	-0.0001	0.938	0.9378	0.0002
2024-02-22T11:51:18	1	0	6	8	-2	1.0539	1.0530	-0.0009	-0.8767	-0.8748	-0.0019
2024-02-22T11:54:53	1	0	22	21	1	1.0457	1.0453	-0.0005	0.9759	0.9759	0.0000
2024-02-22T11:56:55	2	0	57	57	0	1.0568	1.0566	-0.0002	1	1	0.0000
2024-02-22T11:58:13	2	0	3	4	-1	0.9992	0.9850	-0.0142	0.9828	0.9828	0.0000
2024-02-22T12:02:26	1	0	7	7	0	1.0487	1.0487	0.0000	1	1	0.0000
2024-02-22T12:02:32	2	0	2	2	0	1.0404	1.0403	-0.0001	0.9751	0.9751	0.0000
2024-02-22T12:03:11	1	0	1	1	0	1.0557	1.0556	-0.0001	0.9743	0.9743	0.0000
2024-02-22T12:03:42	2	0	11	10	1	1.0511	1.0501	-0.0010	-0.9975	-0.9976	0.0001
2024-02-22T12:06:27	1	0	19	19	0	1.0469	1.0469	0.0000	0.9975	0.9975	0.0000
2024-02-22T12:11:42	1	0	18	17	1	1.0511	1.0507	-0.0004	0.9991	0.9991	0.0000
2024-02-22T12:15:27	2	0	1	0	1	1.0569	null	null	0.9828	0.9829	-0.0001
2024-02-22T12:15:51	2	0	1	1	0	1.0590	1.0590	0.0000	0.9985	0.9986	-0.0001
2024-02-22T12:17:01	2	0	3	3	0	1.0353	1.0353	0.0000	0.995	0.995	0.0000
2024-02-22T12:17:18	1	0	10	10	0	1.0300	1.0300	-0.0001	0.9948	0.9948	0.0000
2024-02-22T12:18:43	1	0	11	10	1	1.0498	1.0486	-0.0012	-0.9978	-0.9989	0.0011
2024-02-22T12:19:34	1	0	84	83	1	1.0593	1.0594	0.0000	0.9988	0.9988	0.0000
2024-02-22T12:21:28	1	0	16	16	0	1.0473	1.0473	0.0000	0.997	0.997	0.0000
2024-02-22T12:23:02	1	0	33	30	3	1.0279	1.0251	-0.0028	-0.9984	-0.9984	0.0000
2024-02-22T12:24:32	1	0	30	29	1	1.0563	1.0563	0.0000	-0.9842	-0.9842	0.0000
2024-02-22T12:34:35	1	0	56	56	0	1.0605	1.0605	0.0000	0.9974	0.9974	0.0000
2024-02-22T12:35:27	1	0	22	21	1	1.0538	1.0537	-0.0001	0.9761	0.9763	-0.0002
2024-02-22T12:36:29	1	0	18	18	0	1.0476	1.0476	0.0000	0.9973	0.9973	0.0000
2024-02-22T12:36:58	2	0	2	2	0	1.0621	1.0621	0.0000	-0.9986	-0.9986	0.0000
2024-02-22T12:40:21	1	0	1	1	0	1.0297	1.0295	-0.0002	0.9906	0.9904	0.0002
2024-02-22T12:43:16	1	0	2	2	0	1.0025	1.0023	-0.0002	0.9838	0.9838	0.0000
2024-02-22T12:44:40	1	0	8	9	-1	1.0360	1.0364	0.0004	0.9946	0.9946	0.0000
2024-02-22T12:50:00	4	0	4	4	0	1.0528	1.0528	0.0000	0.9801	0.9805	-0.0004
2024-02-22T12:52:56	1	0	4	4	0	1.0455	1.0455	0.0000	0.9688	0.9686	0.0002
2024-02-22T12:57:35	1	0	3	3	0	1.0086	1.0084	-0.0002	0.9703	0.9702	0.0001
2024-02-22T12:57:49	1	0	1	1	0	1.0583	1.0567	-0.0016	-0.996	-0.996	0.0000
2024-02-22T12:58:49	2	0	12	12	0	1.0507	1.0506	-0.0001	-0.9945	-0.9945	0.0000
2024-02-22T13:01:38	2	0	2	2	0	1.0409	1.0403	-0.0006	0.9958	0.9956	0.0002
2024-02-22T13:13:18	1	0	1	1	0	1.0280	1.0280	0.0000	0.9841	0.9841	0.0000
2024-02-22T13:33:48	1	0	17	16	1	1.0486	1.0476	-0.0011	-0.9923	-0.9924	0.0001
2024-02-22T13:35:14	3	0	2	3	-1	1.0367	1.0373	0.0006	0.9721	0.9722	-0.0001
2024-02-22T13:42:38	1	0	2	2	0	1.0163	1.0163	0.0000	0.9683	0.9685	-0.0002
2024-02-22T13:46:41	2	0	2	3	-1	1.0412	1.0427	0.0015	0.9939	0.9941	-0.0002
2024-02-22T13:48:49	1	0	10	9	1	1.0497	1.0484	-0.0012	-0.9931	-0.9951	0.0020
2024-02-22T13:58:21	2	0	16	8	8	0.9587	0.9615	0.0028	0.9826	0.9827	-0.0001
2024-02-22T14:02:40	1	0	7	7	0	1.0335	1.0335	0.0000	0.9846	0.9847	-0.0001
2024-02-22T14:03:50	2	0	15	13	2	1.0487	1.0479	-0.0008	-0.992	-0.9923	0.0003
2024-02-22T14:04:31	1	0	3	3	0	1.0360	1.0360	0.0000	0.9978	0.9978	0.0000
2024-02-22T14:05:34	1	0	20	19	1	1.0545	1.0544	-0.0002	0.9834	0.9829	0.0005
2024-02-22T14:06:27	1	0	9	9	0	1.0511	1.0510	0.0000	-0.9795	-0.9794	-0.0001
2024-02-22T14:09:50	2	0	3	4	-1	1.0437	1.0468	0.0031	0.9892	0.9894	-0.0002
2024-02-22T14:12:15	1	0	74	74	0	1.0543	1.0542	0.0000	0.9948	0.9948	0.0000
2024-02-22T14:12:37	1	0	1	1	0	0.9830	0.9834	0.0004	-0.9978	-0.9977	-0.0001
2024-02-22T14:12:40	1	0	3	3	0	1.0113	1.0113	-0.0001	0.966	0.966	0.0000
2024-02-22T14:14:02	3	0	2	3	-1	1.0321	1.0315	-0.0006	0.9999	0.9999	0.0000
2024-02-22T14:15:30	1	0	25	24	1	1.0477	1.0474	-0.0003	0.9922	0.9922	0.0000
2024-02-22T14:16:01	2	0	7	8	-1	0.9520	0.9509	-0.0011	0.9911	0.991	0.0001
2024-02-22T14:17:41	3	0	7	7	0	1.0334	1.0333	-0.0001	0.9841	0.9841	0.0000
2024-02-22T14:18:41	5	0	12	12	0	0.9589	0.9589	-0.0001	0.9744	0.9744	0.0000
2024-02-22T14:18:51	2	0	18	17	1	1.0488	1.0477	-0.0011	-0.9923	-0.9926	0.0003
2024-02-22T14:19:38	1	0	1	1	0	1.0381	1.0381	0.0000	0.9848	0.9848	0.0000
2024-02-22T14:19:48	1	0	42	42	0	1.0575	1.0575	0.0000	0.9959	0.9959	0.0000
2024-02-22T14:20:37	2	0	23	21	2	1.0552	1.0549	-0.0003	0.9905	0.9897	0.0008
2024-02-22T14:21:01	1	0	2	2	0	1.0312	1.0311	-0.0001	-0.9972	-0.9971	-0.0001
2024-02-22T14:21:31	2	0	9	9	0	1.0519	1.0518	-0.0002	-0.9574	-0.9592	0.0018
2024-02-22T14:22:14	1	0	7	10	-3	0.9403	0.9415	0.0012	-0.9961	-0.9961	0.0000
2024-02-22T14:22:36	13	0	7	7	0	1.0384	1.0370	-0.0014	0.9993	0.9991	0.0002
2024-02-22T14:24:32	1	0	70	70	0	1.0516	1.0516	0.0000	-0.9934	-0.9933	-0.0001
2024-02-22T14:24:51	2	0	4	4	0	1.0488	1.0486	-0.0002	0.9888	0.9887	0.0001
2024-02-22T14:26:09	2	0	670	672	-2	0.8685	0.8703	0.0018	0.9054	0.9001	0.0053
2024-02-22T14:27:05	2	0	48	47	1	1.0562	1.0561	-0.0001	0.9997	0.9997	0.0000
2024-02-22T14:27:34	1	0	18	17	1	1.0517	1.0512	-0.0005	0.9988	0.9988	0.0000
2024-02-22T14:27:38	3	0	1	1	0	0.9796	0.9804	0.0008	-0.9977	-0.9977	0.0000
2024-02-22T14:28:19	1	0	3	3	0	1.0645	1.0644	-0.0001	0.9812	0.9812	0.0000
2024-02-22T14:28:26	1	0	17	17	0	1.0495	1.0494	-0.0001	0.9933	0.9932	0.0001
2024-02-22T14:28:55	2	0	7	7	0	1.0436	1.0436	-0.0001	-0.9992	-0.9992	0.0000
2024-02-22T14:28:59	1	0	75	74	1	1.0589	1.0588	0.0000	0.999	0.999	0.0000
2024-02-22T14:29:02	1	0	2	2	0	1.0402	1.0400	-0.0002	0.9999	0.9999	0.0000

2024-02-22T14:29:47	1	0	3	3	0	1.0357	1.0356	-0.0001	0.9901	0.9901	0.0000
2024-02-22T14:29:56	1	0	1	1	0	1.0743	1.0742	-0.0001	0.9842	0.9842	0.0000
2024-02-22T14:31:02	2	0	13	11	2	0.9476	0.9484	0.0007	0.9891	0.9891	0.0000
2024-02-22T14:31:44	2	0	2	2	0	1.0412	1.0409	-0.0003	0.9955	0.9955	0.0000
2024-02-22T14:32:11	1	0	1	1	0	1.0406	1.0401	-0.0005	0.9967	0.9966	0.0001
2024-02-22T14:32:27	2	0	2	2	0	1.0005	1.0004	-0.0001	0.9834	0.9833	0.0001
2024-02-22T14:32:34	3	0	115	111	4	1.0563	1.0562	-0.0001	0.9997	0.9997	0.0000
2024-02-22T14:32:42	5	0	124	121	3	1.0552	1.0551	-0.0001	0.981	0.9809	0.0001
2024-02-22T14:32:52	1	0	1	1	0	1.0576	1.0571	-0.0005	0.9645	0.9644	0.0001
2024-02-22T14:33:21	1	0	1	1	0	1.0384	1.0381	-0.0003	0.9578	0.9574	0.0004
2024-02-22T14:33:50	1	0	5	5	0	0.9650	0.9650	0.0001	0.9744	0.9744	0.0000
2024-02-22T14:33:52	2	0	30	25	5	1.0542	1.0521	-0.0022	-0.9886	-0.9892	0.0006
2024-02-22T14:34:55	1	0	38	37	1	1.0574	1.0574	0.0000	0.9964	0.9964	0.0000
2024-02-22T14:35:18	1	0	9	8	1	1.0487	1.0465	-0.0022	0.9922	0.9922	0.0000
2024-02-22T14:36:01	1	0	30	29	1	1.0559	1.0559	0.0000	-0.9746	-0.9756	0.0010
2024-02-22T14:36:35	2	0	9	9	0	1.0519	1.0517	-0.0001	-0.9375	-0.9401	0.0026
2024-02-22T14:37:15	1	0	21	21	0	0.9388	0.9391	0.0003	-0.9998	-0.9998	0.0000
2024-02-22T14:37:50	4	0	24	23	1	0.9843	0.9853	0.0010	0.9875	0.9877	-0.0002
2024-02-22T14:38:27	5	0	14	13	1	1.0364	1.0364	0.0001	0.9991	0.999	0.0001
2024-02-22T14:39:52	2	0	4	4	0	1.0489	1.0488	-0.0001	0.987	0.9869	0.0001
2024-02-22T14:40:29	1	0	20	19	1	0.9440	0.9443	0.0003	0.9874	0.9874	0.0000
2024-02-22T14:42:39	3	0	2	2	0	0.9875	0.9875	0.0001	-0.9979	-0.9978	-0.0001
2024-02-22T14:42:42	1	0	12	11	1	1.0497	1.0490	-0.0006	0.9974	0.9974	0.0000
2024-02-22T14:43:20	1	0	2	2	0	1.0628	1.0626	-0.0002	0.984	0.9839	0.0001
2024-02-22T14:43:27	1	0	20	20	0	1.0497	1.0497	0.0000	0.9938	0.9938	0.0000
2024-02-22T14:43:56	2	0	7	7	0	1.0511	1.0511	0.0000	-0.9994	-0.9994	0.0000
2024-02-22T14:43:56	1	0	2	2	0	1.0382	1.0381	-0.0002	0.9985	0.9984	0.0001
2024-02-22T14:44:00	2	0	57	53	4	1.0554	1.0554	0.0000	0.9988	0.9987	0.0001
2024-02-22T14:44:52	1	0	25	25	0	1.0483	1.0483	0.0000	-0.9983	-0.9983	0.0000
2024-02-22T14:45:37	2	0	2	2	0	1.0102	1.0084	-0.0018	0.9829	0.9827	0.0002
2024-02-22T14:46:31	2	0	1	1	0	1.0227	1.0226	-0.0001	0.9897	0.9897	0.0000
2024-02-22T14:46:45	2	0	2	2	0	1.0409	1.0409	0.0000	0.9953	0.9954	-0.0001
2024-02-22T14:47:14	2	0	2	2	0	0.9345	0.9355	0.0010	0.9953	0.9906	0.0047
2024-02-22T14:47:35	2	0	153	152	1	1.0546	1.0546	0.0000	1	1	0.0000
2024-02-22T14:47:38	1	0	4	4	0	1.0071	1.0069	-0.0002	0.9851	0.985	0.0001
2024-02-22T14:48:53	1	0	13	12	1	1.0499	1.0487	-0.0012	-0.9969	-0.9972	0.0003
2024-02-22T14:49:22	1	0	1	1	0	1.0375	1.0372	-0.0003	-0.9877	-0.9877	0.0000
2024-02-22T14:49:40	1	0	3	3	0	1.0280	1.0280	0.0000	0.9818	0.9833	-0.0015
2024-02-22T14:50:42	1	0	20	20	0	1.0545	1.0544	-0.0001	0.9414	0.9403	0.0011
2024-02-22T14:50:54	2	0	33	33	0	1.0497	1.0497	0.0000	-0.9976	-0.9976	0.0000
2024-02-22T14:52:13	3	0	10	10	0	1.0438	1.0436	-0.0002	-0.9989	-0.9989	0.0000
2024-02-22T14:52:23	1	0	70	70	0	1.0537	1.0537	0.0000	0.9883	0.9884	-0.0001
2024-02-22T14:52:58	11	0	10	10	0	1.0390	1.0385	-0.0005	0.9994	0.9993	0.0001
2024-02-22T14:57:07	2	0	45	45	0	1.0565	1.0565	0.0000	0.9995	0.9995	0.0000
2024-02-22T14:57:43	1	0	4	4	0	1.0107	1.0106	-0.0001	0.9752	0.9752	0.0000
2024-02-22T14:58:25	1	0	8	10	-2	0.9515	0.9505	-0.0010	0.9805	0.98	0.0005
2024-02-22T15:02:11	3	0	55	53	2	1.0556	1.0553	-0.0003	-0.943	-0.943	0.0000
2024-02-22T15:02:36	1	0	70	69	1	1.0513	1.0513	-0.0001	0.9994	0.9994	0.0000
2024-02-22T15:02:44	2	0	4	4	0	1.0269	1.0268	-0.0001	0.9849	0.9849	0.0000
2024-02-22T15:03:52	1	0	8	7	1	1.0447	1.0429	-0.0018	0.9794	0.9793	0.0001
2024-02-22T15:03:54	2	0	1	0	1	0.9439	null	null	0.9783	0.9784	-0.0001
2024-02-22T15:03:54	1	0	17	16	1	1.0470	1.0467	-0.0003	-0.9952	-0.9955	0.0003
2024-02-22T15:04:41	1	0	3	3	0	1.0367	1.0367	0.0000	0.986	0.9874	-0.0014
2024-02-22T15:05:20	2	0	3	3	0	1.0378	1.0373	-0.0005	0.9709	0.9683	0.0026
2024-02-22T15:05:55	2	0	34	34	0	1.0485	1.0484	-0.0001	-0.9979	-0.9979	0.0000
2024-02-22T15:06:04	1	0	19	19	0	1.0544	1.0543	0.0000	-0.978	-0.979	0.0010
2024-02-22T15:07:19	2	0	127	122	5	0.9270	0.9254	-0.0016	0.977	0.9766	0.0004
2024-02-22T15:08:42	1	0	8	8	0	1.0317	1.0317	-0.0001	0.9985	0.9985	0.0000
2024-02-22T15:11:12	2	0	4	5	-1	1.0081	1.0140	0.0059	0.9651	0.9556	0.0095
2024-02-22T15:13:03	2	0	13	12	1	1.0465	1.0455	-0.0010	-0.9956	-0.9766	-0.0190
2024-02-22T15:13:26	1	0	4	3	1	0.9439	0.9439	0.0000	0.9822	0.9824	-0.0002
2024-02-22T15:14:05	1	0	1	1	0	1.0458	1.0457	-0.0001	0.9979	0.9979	0.0000
2024-02-22T15:14:41	2	0	41	40	1	1.0504	1.0502	-0.0002	1	1	0.0000
2024-02-22T15:14:50	1	0	5	5	0	1.0333	1.0333	0.0000	0.9952	0.9952	0.0000
2024-02-22T15:15:39	1	0	1	1	0	1.0225	1.0217	-0.0008	0.9899	0.9897	0.0002
2024-02-22T15:18:55	1	0	20	19	1	1.0501	1.0491	-0.0010	-0.9966	-0.9969	0.0003
2024-02-22T15:28:23	1	0	3	3	0	1.0481	1.0480	0.0000	0.9819	0.9819	0.0000
2024-02-22T15:28:27	1	0	67	22	45	0.9398	0.9410	0.0012	0.9813	0.9817	-0.0004
2024-02-22T15:28:30	1	0	4	4	0	1.0062	1.0062	0.0001	-1	-1	0.0000
2024-02-22T15:31:57	2	0	3	3	0	0.9731	0.9732	0.0001	0.9963	0.9964	-0.0001
2024-02-22T15:33:09	4	0	4	4	0	0.9998	0.9994	-0.0004	0.9862	0.986	0.0002
2024-02-22T15:33:54	4	0	12	11	1	0.9772	0.9709	-0.0063	0.9739	0.9737	0.0002
2024-02-22T15:33:56	1	0	7	4	3	1.0458	1.0457	-0.0002	-0.9974	-0.9975	0.0001
2024-02-22T15:43:01	1	0	478	478	0	1.0633	1.0633	0.0000	-1	-1	0.0000
2024-02-22T15:45:41	2	0	3	3	0	1.0092	1.0091	-0.0002	0.9809	0.9807	0.0002
2024-02-22T15:48:57	1	0	16	16	0	1.0501	1.0498	-0.0003	-0.9969	-0.9971	0.0002
2024-02-22T15:50:23	2	0	1	0	1	1.0550	null	null	0.9712	0.9712	0.0000
2024-02-22T15:51:05	1	0	54	53	1	1.0519	1.0519	0.0000	-0.9948	-0.9948	0.0000
2024-02-22T15:54:02	1	0	12	12	0	1.0348	1.0347	0.0000	0.9989	0.9989	0.0000
2024-02-22T15:59:58	1	0	33	33	0	1.0482	1.0482	0.0000	-0.9981	-0.9981	0.0000
2024-02-22T16:04:29	1	0	66	66	0	0.9420	0.9420	0.0000	0.9714	0.9712	0.0002
2024-02-22T16:18:59	1	0	7	6	1	1.0465	1.0462	-0.0003	-0.9979	-0.998	0.0001
2024-02-22T16:26:37	1	0	60	60	0	0.9449	0.9449	0.0000	-0.993	-0.9927	-0.0003
2024-02-22T16:34:00	1	0	8	8	0	1.0463	1.0461	-0.0003	-0.9971	-0.9972	0.0001
2024-02-22T16:49:02	1	0	15	15	0	1.0479	1.0478	-0.0001	-0.9892	-0.9892	0.0000

2024-02-22T16:53:38	2	0	9	9	0	0.9522	0.9527	0.0005	0.999	0.999	0.0000
2024-02-22T17:04:02	1	0	16	16	0	1.0478	1.0477	-0.0001	-0.9918	-0.9917	-0.0001
2024-02-22T17:08:39	2	0	4	5	-1	1.0237	1.0246	0.0010	0.9998	0.9998	0.0000
2024-02-23T07:50:30	2	0	91	90	1	0.9404	0.9405	0.0001	-0.9955	-0.9953	-0.0002
2024-02-23T07:52:03	1	0	139	139	0	0.9065	0.9066	0.0001	0.9815	0.9813	0.0002
2024-02-23T07:57:45	1	0	378	378	0	1.0629	1.0629	0.0000	1	1	0.0000
2024-02-23T07:58:14	5	0	436	434	2	0.8439	0.8440	0.0001	0.9939	0.994	-0.0001
2024-02-23T08:27:25	1	0	133	133	0	1.0550	1.0550	0.0000	0.9973	0.9974	-0.0001
2024-02-23T08:36:56	1	0	5	5	0	0.9887	0.9889	0.0002	0.9991	0.9992	-0.0001
2024-02-23T08:37:00	1	0	132	130	2	1.0354	1.0348	-0.0006	0.9913	0.9913	0.0000
2024-02-23T08:40:49	1	0	16	16	0	0.9493	0.9493	-0.0001	-0.9963	-0.9961	-0.0002
2024-02-23T08:41:54	2	0	56	55	1	1.0561	1.0561	0.0000	-0.9997	-0.9997	0.0000
2024-02-23T08:43:33	1	0	1	0	1	0.9448	null	null	-0.9975	-0.9974	-0.0001
2024-02-23T08:55:50	1	0	65	63	2	0.9437	0.9438	0.0001	-0.9972	-0.997	-0.0002
2024-02-23T08:58:34	1	0	2	2	0	0.9433	0.9434	0.0001	-0.9974	-0.9974	0.0000
2024-02-23T09:05:35	2	0	25	22	3	0.9413	0.9414	0.0001	0.9987	0.9987	0.0000
2024-02-23T09:07:08	1	0	143	143	0	0.9083	0.9084	0.0000	0.9767	0.9766	0.0001
2024-02-23T09:07:36	1	0	63	56	7	0.9650	0.9652	0.0002	0.9823	0.9826	-0.0003
2024-02-23T09:11:24	1	0	30	28	2	0.9654	0.9672	0.0017	0.9989	0.9989	0.0000
2024-02-23T09:11:56	2	0	32	31	1	1.0556	1.0556	0.0000	-1	-1	0.0000
2024-02-23T09:12:28	1	0	182	182	0	1.0556	1.0554	-0.0001	0.9977	0.9977	0.0000
2024-02-23T09:12:53	3	0	397	396	1	1.0626	1.0625	-0.0001	-0.9999	-0.9999	0.0000
2024-02-23T09:13:27	4	0	398	394	4	0.8568	0.8571	0.0002	0.9951	0.9951	0.0000
2024-02-23T09:20:34	1	0	11	11	0	1.0088	1.0094	0.0006	0.9578	0.9377	0.0201
2024-02-23T09:24:34	2	0	3	3	0	1.0479	1.0476	-0.0004	0.9882	0.9879	0.0003
2024-02-23T09:29:39	3	0	33	30	3	1.0532	1.0530	-0.0002	0.9974	0.9974	0.0000
2024-02-23T09:30:55	1	0	2	2	0	1.0098	1.0101	0.0003	0.9979	0.998	-0.0001
2024-02-23T09:34:11	1	0	39	34	5	1.0518	1.0512	-0.0007	1	1	0.0000
2024-02-23T09:35:39	7	0	42	40	2	1.0521	1.0520	-0.0002	-0.9977	-0.9978	0.0001
2024-02-23T09:37:04	4	0	136	135	1	1.0432	1.0495	0.0063	0.9887	0.9888	-0.0001
2024-02-23T09:40:57	1	0	5	5	0	1.0284	1.0281	-0.0003	0.9719	0.9785	-0.0066
2024-02-23T09:46:03	1	0	2	2	0	1.0419	1.0418	-0.0002	0.9874	0.9873	0.0001
2024-02-23T09:48:45	1	0	2	2	0	1.0475	1.0464	-0.0010	-0.9861	-0.9866	0.0005
2024-02-23T09:50:36	1	0	18	18	0	1.0509	1.0507	-0.0002	0.9535	0.9531	0.0004
2024-02-23T09:51:41	1	0	74	74	0	0.9200	0.9202	0.0002	0.9919	0.992	-0.0001
2024-02-23T09:54:13	1	0	4	4	0	1.0406	1.0404	-0.0002	0.999	0.999	0.0000
2024-02-23T09:55:58	1	0	3	3	0	1.0289	1.0295	0.0007	0.9655	0.9728	-0.0073
2024-02-23T09:57:44	4	0	1	1	0	1.0431	1.0417	-0.0014	-0.997	-0.9971	0.0001
2024-02-23T09:57:59	3	0	442	437	5	1.0617	1.0621	0.0005	-0.9998	-0.9999	0.0001
2024-02-23T09:58:35	2	0	1	1	0	1.0035	1.0030	-0.0005	-0.9814	-0.9813	-0.0001
2024-02-23T09:59:41	3	0	24	23	1	1.0517	1.0514	-0.0003	0.9971	0.9971	0.0000
2024-02-23T10:00:46	1	0	1	1	0	1.0376	1.0374	-0.0002	0.9606	0.9606	0.0000
2024-02-23T10:01:01	1	0	39	29	10	1.0535	1.0514	-0.0021	0.9697	0.9693	0.0004
2024-02-23T10:02:05	1	0	2	2	0	1.0369	1.0363	-0.0006	0.9957	0.9956	0.0001
2024-02-23T10:03:05	4	0	143	142	1	0.9345	0.9354	0.0009	0.9606	0.9605	0.0001
2024-02-23T10:04:13	1	0	36	36	0	1.0508	1.0507	-0.0001	0.9998	0.9998	0.0000
2024-02-23T10:04:41	3	0	1	0	1	1.0555	null	null	0.9901	0.9901	0.0000
2024-02-23T10:05:06	1	0	8	8	0	1.0486	1.0485	-0.0001	0.9862	0.9854	0.0008
2024-02-23T10:05:13	2	0	2	2	0	1.0298	1.0293	-0.0005	0.972	0.9719	0.0001
2024-02-23T10:05:37	3	0	23	22	1	1.0526	1.0524	-0.0002	0.9579	0.9578	0.0001
2024-02-23T10:05:41	2	0	57	56	1	1.0504	1.0501	-0.0002	-0.9963	-0.9964	0.0001
2024-02-23T10:05:43	1	0	2	2	0	1.0364	1.0360	-0.0004	-0.9989	-0.999	0.0001
2024-02-23T10:06:42	1	0	79	78	1	0.9254	0.9256	0.0002	0.9927	0.9928	-0.0001
2024-02-23T10:11:27	2	0	3	3	0	0.9956	0.9959	0.0003	0.9868	0.9861	0.0007
2024-02-23T10:13:15	1	0	4	4	0	1.0446	1.0445	-0.0001	0.9824	0.9823	0.0001
2024-02-23T10:14:20	1	0	2	2	0	1.0508	1.0505	-0.0003	-0.9975	-0.9976	0.0001
2024-02-23T10:14:39	2	0	12	12	0	1.0469	1.0468	-0.0001	-0.9993	-0.9993	0.0000
2024-02-23T10:15:28	1	0	97	96	1	1.0502	1.0501	-0.0001	0.9979	0.9979	0.0000
2024-02-23T10:16:18	2	0	4	4	0	1.0119	1.0116	-0.0003	0.9881	0.988	0.0001
2024-02-23T10:16:38	1	0	2	2	0	1.0307	1.0303	-0.0004	-0.9847	-0.9847	0.0000
2024-02-23T10:17:07	1	0	1	1	0	1.0376	1.0372	-0.0004	0.9964	0.9964	0.0000
2024-02-23T10:18:47	1	0	6	5	1	1.0470	1.0467	-0.0003	-0.986	-0.9865	0.0005
2024-02-23T10:19:15	6	0	37	35	2	1.0520	1.0514	-0.0006	1	0.9999	0.0001
2024-02-23T10:20:49	1	0	8	7	1	0.9403	0.9403	0.0000	1	1	0.0000
2024-02-23T10:20:55	3	0	7	7	0	1.0517	1.0512	-0.0005	-0.9871	-0.9881	0.0010
2024-02-23T10:21:07	1	0	8	7	1	1.0489	1.0491	0.0002	-0.8645	-0.8658	0.0013
2024-02-23T10:22:07	1	0	3	3	0	0.9796	0.9801	0.0005	0.9882	0.9883	-0.0001
2024-02-23T10:22:13	2	0	95	93	2	0.9289	0.9289	0.0000	0.9805	0.9809	-0.0004
2024-02-23T10:22:41	2	0	13	8	5	0.9586	0.9677	0.0091	0.9809	0.9811	-0.0002
2024-02-23T10:23:24	1	0	156	155	1	1.0574	1.0574	0.0000	-0.9862	-0.9862	0.0000
2024-02-23T10:24:35	2	0	21	20	1	1.0454	1.0448	-0.0006	0.965	0.965	0.0000
2024-02-23T10:27:33	1	0	268	267	1	1.0582	1.0582	0.0000	0.9972	0.9972	0.0000
2024-02-23T10:30:01	1	0	4	4	0	0.9448	0.9450	0.0002	0.9687	0.9688	-0.0001
2024-02-23T10:30:29	2	0	95	93	2	1.0507	1.0506	-0.0001	0.9982	0.9982	0.0000
2024-02-23T10:31:34	6	0	12	12	0	1.0452	1.0449	-0.0004	-0.9839	-0.9844	0.0005
2024-02-23T10:31:57	1	0	10	10	0	1.0457	1.0456	-0.0001	0.9977	0.9977	0.0000
2024-02-23T10:33:48	1	0	8	8	0	1.0473	1.0467	-0.0006	-0.9845	-0.9851	0.0006
2024-02-23T10:34:02	1	0	1	1	0	1.0248	1.0244	-0.0004	0.9768	0.9767	0.0001
2024-02-23T10:34:43	1	0	1	1	0	1.0214	1.0210	-0.0004	0.9887	0.9885	0.0002
2024-02-23T10:35:09	1	0	10	10	0	1.0495	1.0493	-0.0002	0.9903	0.9895	0.0008
2024-02-23T10:35:39	3	0	20	17	3	1.0539	1.0532	-0.0008	0.9523	0.9519	0.0004
2024-02-23T10:36:00	1	0	4	4	0	0.9876	0.9875	-0.0001	-0.9991	-0.999	-0.0001
2024-02-23T10:39:36	1	0	45	43	2	1.0289	1.0284	-0.0005	0.9655	0.9675	-0.0020
2024-02-23T10:40:00	3	0	1	0	1	1.0557	null	null	0.9981	0.998	0.0001
2024-02-23T10:40:04	1	0	1	1	0	1.0387	1.0384	-0.0003	0.9808	0.9807	0.0001

2024-02-23T10:40:56	1	0	13	12	1	1.0515	1.0509	-0.0006	0.9974	0.9974	0.0000
2024-02-23T10:41:01	2	0	469	459	10	0.8916	0.8962	0.0045	0.9234	0.9155	0.0079
2024-02-23T10:42:47	2	0	1	1	0	1.0440	1.0434	-0.0006	-0.9969	-0.997	0.0001
2024-02-23T10:45:03	1	0	6	5	1	1.0517	1.0501	-0.0016	0.9869	0.9868	0.0001
2024-02-23T10:46:35	1	0	3	3	0	1.0059	1.0056	-0.0003	0.9874	0.9873	0.0001
2024-02-23T10:47:20	1	0	19	19	0	1.0451	1.0451	0.0000	0.993	0.9928	0.0002
2024-02-23T10:48:13	1	0	148	144	4	0.9478	0.9377	-0.0101	0.9589	0.9587	0.0002
2024-02-23T10:48:19	1	0	1	1	0	1.0393	1.0390	-0.0003	0.9647	0.9644	0.0003
2024-02-23T10:48:49	1	0	2	2	0	1.0476	1.0465	-0.0012	-0.9904	-0.9908	0.0004
2024-02-23T10:49:09	1	0	5	5	0	1.0431	1.0431	-0.0001	-0.998	-0.9981	0.0001
2024-02-23T10:50:40	3	0	22	22	0	1.0552	1.0550	-0.0002	0.9531	0.9527	0.0004
2024-02-23T10:51:30	2	0	3	3	0	1.0318	1.0315	-0.0003	0.9944	0.9944	0.0000
2024-02-23T10:52:43	1	0	3	3	0	1.0113	1.0112	0.0000	0.9827	0.9822	0.0005
2024-02-23T10:55:13	2	0	43	42	1	1.0487	1.0485	-0.0002	0.9973	0.9972	0.0001
2024-02-23T10:57:03	1	0	4	4	0	1.0501	1.0498	-0.0003	-0.999	-0.9991	0.0001
2024-02-23T10:58:40	6	0	3	2	1	1.0109	0.9951	-0.0158	-0.9921	-0.9936	0.0015
2024-02-23T11:00:06	2	0	3	3	0	0.9881	0.9876	-0.0005	0.9774	0.9772	0.0002
2024-02-23T11:01:42	2	0	8	8	0	1.0468	1.0463	-0.0005	0.9953	0.9952	0.0001
2024-02-23T11:01:44	1	0	5	5	0	1.0104	1.0102	-0.0002	0.9865	0.9864	0.0001
2024-02-23T11:02:00	1	0	14	14	0	1.0475	1.0475	0.0000	0.9989	0.9989	0.0000
2024-02-23T11:02:30	6	0	6	6	0	1.0477	1.0469	-0.0008	0.9982	0.9981	0.0001
2024-02-23T11:03:50	1	0	2	2	0	1.0474	1.0461	-0.0013	-0.9901	-0.9905	0.0004
2024-02-23T11:04:00	2	0	46	45	1	1.0585	1.0586	0.0001	0.9992	0.9991	0.0001
2024-02-23T11:04:21	1	0	2	2	0	1.0331	1.0330	-0.0001	-0.9947	-0.9947	0.0000
2024-02-23T11:05:15	1	0	9	9	0	1.0496	1.0493	-0.0003	0.9621	0.9606	0.0015
2024-02-23T11:06:10	2	0	4	4	0	1.0565	1.0561	-0.0004	-0.8282	-0.832	0.0038
2024-02-23T11:13:19	1	0	2	2	0	1.0639	1.0638	-0.0002	0.9824	0.9823	0.0001
2024-02-23T11:13:41	3	0	7	7	0	1.0016	1.0011	-0.0005	-0.9935	-0.9936	0.0001
2024-02-23T11:14:43	1	0	14	14	0	1.0479	1.0479	0.0000	-0.999	-0.999	0.0000
2024-02-23T11:14:46	2	0	20	20	0	1.0514	1.0513	-0.0001	0.9975	0.9974	0.0001
2024-02-23T11:15:07	1	0	22	13	9	0.9429	0.9429	0.0000	0.9754	0.9756	-0.0002
2024-02-23T11:16:11	1	0	14	13	1	1.0511	1.0508	-0.0003	-0.9728	-0.9727	-0.0001
2024-02-23T11:16:18	1	0	25	24	1	1.0515	1.0518	0.0003	0.9666	0.9666	0.0000
2024-02-23T11:18:51	1	0	2	0	2	1.0455	null	null	-0.9914	-0.9938	0.0024
2024-02-23T11:19:44	2	0	1	0	1	1.0556	null	null	0.9937	0.9934	0.0003
2024-02-23T11:20:18	1	0	10	10	0	1.0503	1.0501	-0.0002	0.9748	0.9734	0.0014
2024-02-23T11:20:52	1	0	7	5	2	1.0475	1.0459	-0.0016	-0.9989	-0.9989	0.0000
2024-02-23T11:21:47	2	0	58	58	0	0.9386	0.9386	0.0001	0.9962	0.9961	0.0001
2024-02-23T11:22:45	1	0	4	4	0	1.0078	1.0078	-0.0001	0.9829	0.9828	0.0001
2024-02-23T11:23:09	1	0	5	4	1	1.0464	1.0463	-0.0001	0.9702	0.9698	0.0004
2024-02-23T11:24:41	1	0	19	19	0	1.0539	1.0539	0.0000	-0.9684	-0.9691	0.0007
2024-02-23T11:25:29	1	0	22	22	0	0.9420	0.9424	0.0004	0.9912	0.9912	0.0000
2024-02-23T11:28:04	1	0	40	40	0	1.0528	1.0528	0.0000	0.9926	0.9926	0.0000
2024-02-23T11:28:42	10	0	9	10	-1	0.9416	0.9419	0.0003	-0.9946	-0.9946	0.0000
2024-02-23T11:29:00	2	0	9	9	0	1.0361	1.0359	-0.0002	1	1	0.0000
2024-02-23T11:29:44	1	0	13	13	0	1.0480	1.0480	0.0000	-0.9989	-0.9989	0.0000
2024-02-23T11:31:19	1	0	26	25	1	1.0509	1.0511	0.0002	0.9672	0.9667	0.0005
2024-02-23T11:32:00	4	0	3	3	0	1.0069	1.0068	-0.0001	0.9871	0.9871	0.0000
2024-02-23T11:32:43	2	0	20	19	1	1.0498	1.0495	-0.0003	0.9813	0.9813	0.0000
2024-02-23T11:32:45	1	0	1	0	1	1.0559	null	null	0.9665	0.9665	0.0000
2024-02-23T11:33:52	1	0	1	0	1	1.0451	null	null	-0.9873	-0.9873	0.0000
2024-02-23T11:34:09	2	0	39	39	0	1.0584	1.0584	0.0000	0.9988	0.9988	0.0000
2024-02-23T11:34:55	1	0	1	1	0	1.0263	1.0260	-0.0003	0.9892	0.9891	0.0001
2024-02-23T11:35:20	3	0	12	12	0	1.0512	1.0510	-0.0002	0.9862	0.9852	0.0010
2024-02-23T11:35:54	1	0	3	3	0	1.0297	1.0297	0.0000	-0.9997	-0.9997	0.0000
2024-02-23T11:37:46	3	0	3	4	-1	1.0098	1.0075	-0.0023	0.9827	0.9827	0.0000
2024-02-23T11:38:39	5	0	172	167	5	1.0583	1.0583	0.0000	-0.9858	-0.9858	0.0000
2024-02-23T11:38:46	3	0	86	81	5	1.0575	1.0572	-0.0002	0.9587	0.9586	0.0001
2024-02-23T11:39:42	1	0	17	17	0	1.0540	1.0540	0.0000	-0.9643	-0.9641	-0.0002
2024-02-23T11:41:03	3	0	15	16	-1	0.9532	0.9523	-0.0009	-0.9979	-0.9982	0.0003
2024-02-23T11:41:05	2	0	1	1	0	1.0172	1.0158	-0.0014	0.9605	0.9643	-0.0038
2024-02-23T11:41:30	1	0	13	12	1	1.0512	1.0507	-0.0005	0.9972	0.9972	0.0000
2024-02-23T11:41:56	1	0	2	2	0	1.0491	1.0491	0.0000	0.9901	0.9901	0.0000
2024-02-23T11:43:05	1	0	253	252	1	1.0578	1.0578	0.0000	0.9967	0.9967	0.0000
2024-02-23T11:44:01	2	0	2	2	0	1.0742	1.0742	0.0000	-0.9999	-0.9999	0.0000
2024-02-23T11:46:42	6	0	17	17	0	1.0457	1.0457	0.0000	-0.9964	-0.9963	-0.0001
2024-02-23T11:46:59	3	0	3	3	0	1.0318	1.0317	-0.0001	0.9865	0.9857	0.0008
2024-02-23T11:47:10	3	0	3	3	0	1.0070	1.0070	0.0000	0.9869	0.9869	0.0000
2024-02-23T11:48:54	1	0	2	2	0	1.0409	1.0404	-0.0005	0.9789	0.9787	0.0002
2024-02-23T11:54:43	1	0	20	20	0	1.0546	1.0546	0.0000	-0.964	-0.9638	-0.0002
2024-02-23T11:56:04	3	0	33	33	0	0.9405	0.9406	0.0002	-0.998	-0.9979	-0.0001
2024-02-23T11:56:37	1	0	15	14	1	1.0526	1.0521	-0.0005	0.9979	0.9979	0.0000
2024-02-23T11:56:57	2	0	3	3	0	1.0237	1.0237	0.0000	0.9904	0.991	-0.0006
2024-02-23T11:58:12	1	0	251	251	0	1.0576	1.0576	0.0000	0.9975	0.9975	0.0000
2024-02-23T11:59:02	2	0	1	1	0	1.1067	1.1067	0.0000	-1	-1	0.0000
2024-02-23T11:59:05	1	0	1	1	0	1.0387	1.0380	-0.0007	-0.9946	-0.9947	0.0001
2024-02-23T12:01:46	6	0	4	4	0	1.0437	1.0437	0.0000	-0.998	-0.998	0.0000
2024-02-23T12:02:45	3	0	22	21	1	1.0500	1.0497	-0.0003	0.9818	0.9818	0.0000
2024-02-23T12:03:55	2	0	12	11	1	1.0509	1.0499	-0.0010	-0.9851	-0.9852	0.0001
2024-02-23T12:05:04	1	0	1	0	1	1.0583	null	null	0.9922	0.9922	0.0000
2024-02-23T12:05:56	1	0	3	3	0	1.0259	1.0259	0.0000	0.9971	0.9971	0.0000
2024-02-23T12:09:04	3	0	194	189	5	1.0592	1.0591	0.0000	-0.9834	-0.9833	-0.0001
2024-02-23T12:09:44	1	0	25	25	0	1.0563	1.0563	0.0000	-0.9635	-0.9634	-0.0001
2024-02-23T12:11:05	3	0	20	20	0	0.9429	0.9430	0.0001	-0.9964	-0.9963	-0.0001
2024-02-23T12:11:46	1	0	16	16	0	1.0529	1.0526	-0.0002	0.9976	0.9976	0.0000

2024-02-23T12:12:06	1	0	3	3	0	1.0586	1.0586	0.0000	0.9898	0.9897	0.0001
2024-02-23T12:14:06	2	0	2	1	1	1.0554	1.0550	-0.0004	-0.994	-0.9941	0.0001
2024-02-23T12:18:56	1	0	5	4	1	1.0495	1.0472	-0.0023	-0.9806	-0.9808	0.0002
2024-02-23T12:22:49	2	0	2	2	0	1.0017	1.0016	-0.0001	0.9839	0.984	-0.0001
2024-02-23T12:24:16	1	0	214	214	0	1.0597	1.0597	0.0000	-0.9846	-0.9845	-0.0001
2024-02-23T12:28:43	1	0	1	1	0	1.0241	1.0238	-0.0003	0.9945	0.9952	-0.0007
2024-02-23T12:32:02	3	0	1	2	-1	1.0359	1.0334	-0.0025	0.9879	0.9884	-0.0005
2024-02-23T12:32:21	4	0	4	5	-1	1.0099	1.0122	0.0023	0.9868	0.9868	0.0000
2024-02-23T12:33:57	1	0	2	1	1	1.0447	1.0289	-0.0157	0.9798	0.98	-0.0002
2024-02-23T12:34:18	2	0	58	58	0	1.0620	1.0620	0.0000	0.9992	0.9992	0.0000
2024-02-23T12:42:07	1	0	1	1	0	1.0609	1.0609	0.0000	0.9882	0.9881	0.0001
2024-02-23T12:53:34	1	0	5	5	0	1.0355	1.0355	0.0000	0.9998	0.9998	0.0000
2024-02-23T12:58:02	1	0	1	0	1	1.0553	null	null	-0.9902	-0.9902	0.0000
2024-02-23T12:59:09	3	0	1	0	1	1.0344	null	null	-0.9923	-0.9922	-0.0001
2024-02-23T13:00:03	1	0	7	7	0	1.0608	1.0607	-0.0001	0.9861	0.9861	0.0000
2024-02-23T13:06:43	1	0	3	3	0	1.0492	1.0492	0.0000	0.9982	0.9982	0.0000
2024-02-23T13:07:52	1	0	2	2	0	1.0149	1.0148	-0.0001	0.9843	0.9838	0.0005
2024-02-23T13:19:00	1	0	20	19	1	1.0537	1.0524	-0.0013	-0.9829	-0.9831	0.0002
2024-02-23T13:34:01	1	0	14	13	1	1.0523	1.0513	-0.0010	-0.985	-0.9852	0.0002
2024-02-23T13:41:11	1	0	1	1	0	1.0154	1.0149	-0.0005	-0.997	-0.9971	0.0001
2024-02-23T13:47:46	1	0	24	23	1	1.0463	1.0459	-0.0004	-0.9972	-0.9971	-0.0001
2024-02-23T13:49:02	1	0	12	11	1	1.0512	1.0500	-0.0011	-0.9842	-0.9845	0.0003
2024-02-23T13:50:46	1	0	14	13	1	1.0475	1.0468	-0.0007	0.9922	0.9921	0.0001
2024-02-23T13:51:50	1	0	13	13	0	1.0448	1.0448	0.0000	0.9969	0.9969	0.0000
2024-02-23T13:56:12	1	0	1	0	1	0.9571	null	null	-0.9968	-0.9968	0.0000
2024-02-23T13:56:23	1	0	6	6	0	1.0377	1.0376	-0.0001	0.9921	0.9922	-0.0001
2024-02-23T13:59:54	1	0	97	92	5	1.0540	1.0538	-0.0002	-0.9944	-0.9944	0.0000
2024-02-23T14:00:43	1	0	127	125	2	1.0531	1.0530	-0.0001	0.998	0.998	0.0000
2024-02-23T14:01:02	3	0	3	3	0	1.0381	1.0378	-0.0003	0.9831	0.9832	-0.0001
2024-02-23T14:02:36	1	0	6	6	0	1.0163	1.0163	-0.0001	0.9866	0.9866	0.0000
2024-02-23T14:03:00	2	0	35	34	1	1.0522	1.0521	-0.0001	0.9818	0.9818	0.0000
2024-02-23T14:04:03	2	0	18	14	4	1.0537	1.0503	-0.0034	-0.9836	-0.9842	0.0006
2024-02-23T14:04:03	1	0	56	53	3	0.9416	0.9420	0.0004	0.961	0.9611	-0.0001
2024-02-23T14:05:22	1	0	2	2	0	1.0423	1.0420	-0.0003	0.989	0.9889	0.0001
2024-02-23T14:06:29	3	0	9	10	-1	1.0512	1.0507	-0.0005	-0.9136	-0.9125	-0.0011
2024-02-23T14:07:56	1	0	4	4	0	1.0072	1.0071	-0.0001	0.9847	0.9846	0.0001
2024-02-23T14:08:56	3	0	42	41	1	1.0538	1.0536	-0.0001	0.969	0.9689	0.0001
2024-02-23T14:09:51	2	0	190	186	4	1.0598	1.0598	0.0000	-0.9866	-0.9866	0.0000
2024-02-23T14:10:13	1	0	9	9	0	1.0440	1.0440	0.0000	0.9774	0.9774	0.0000
2024-02-23T14:11:13	2	0	5	5	0	0.9626	0.9623	-0.0003	-0.996	-0.9961	0.0001
2024-02-23T14:11:24	1	0	6	6	0	1.0381	1.0381	-0.0001	0.9929	0.993	-0.0001
2024-02-23T14:12:12	1	0	1	1	0	1.0565	1.0561	-0.0004	0.9895	0.9893	0.0002
2024-02-23T14:13:50	1	0	1	1	0	1.0314	1.0313	-0.0001	0.9927	0.993	-0.0003
2024-02-23T14:13:53	9	0	7	9	-2	1.0548	1.0510	-0.0038	-0.9986	-0.9986	0.0000
2024-02-23T14:14:15	6	0	5	3	2	1.0508	1.0459	-0.0050	-0.9922	-0.9927	0.0005
2024-02-23T14:14:29	2	0	6	6	0	1.0196	1.0195	-0.0001	0.9993	0.9993	0.0000
2024-02-23T14:14:36	4	0	7	7	0	1.0527	1.0525	-0.0002	-0.9919	-0.9923	0.0004
2024-02-23T14:15:44	3	0	136	134	2	1.0540	1.0539	0.0000	0.9984	0.9984	0.0000
2024-02-23T14:16:03	1	0	4	4	0	1.0300	1.0299	-0.0001	0.9828	0.9829	-0.0001
2024-02-23T14:16:55	2	0	7	8	-1	1.0468	1.0475	0.0007	0.9956	0.9958	-0.0002
2024-02-23T14:17:13	2	0	1	0	1	1.0553	null	null	-0.9992	-0.9992	0.0000
2024-02-23T14:17:28	1	0	30	29	1	1.0493	1.0491	-0.0002	-0.9737	-0.9736	-0.0001
2024-02-23T14:17:37	4	0	6	6	0	1.0183	1.0179	-0.0004	0.9872	0.987	0.0002
2024-02-23T14:18:01	2	0	38	36	2	1.0520	1.0518	-0.0002	0.9812	0.9812	0.0000
2024-02-23T14:18:05	4	0	10	10	0	1.0477	1.0476	-0.0001	-0.9523	-0.9526	0.0003
2024-02-23T14:19:04	2	0	31	25	6	1.0560	1.0534	-0.0026	-0.9851	-0.9857	0.0006
2024-02-23T14:19:31	1	0	39	38	1	1.0590	1.0590	0.0000	0.997	0.997	0.0000
2024-02-23T14:19:50	1	0	3	3	0	1.0362	1.0360	-0.0002	0.9829	0.9828	0.0001
2024-02-23T14:20:31	1	0	27	26	1	1.0555	1.0555	0.0000	0.9948	0.9944	0.0004
2024-02-23T14:20:32	1	0	1	1	0	1.0292	1.0288	-0.0004	0.9902	0.99	0.0002
2024-02-23T14:20:54	11	0	65	60	5	1.0582	1.0579	-0.0003	0.9605	0.9596	0.0009
2024-02-23T14:21:04	1	0	30	30	0	1.0476	1.0470	-0.0006	-0.9968	-0.9968	0.0000
2024-02-23T14:21:33	2	0	9	9	0	1.0530	1.0529	-0.0001	-0.8824	-0.8852	0.0028
2024-02-23T14:21:59	5	0	17	17	0	0.9524	0.9523	-0.0002	0.9965	0.9965	0.0000
2024-02-23T14:22:57	1	0	4	4	0	1.0069	1.0069	0.0000	0.9848	0.9847	0.0001
2024-02-23T14:24:32	1	0	5	5	0	1.0577	1.0577	0.0000	-1	-1	0.0000
2024-02-23T14:24:51	5	0	44	41	3	1.0507	1.0507	0.0000	0.9613	0.9613	0.0000
2024-02-23T14:26:14	2	0	2	2	0	0.9561	0.9566	0.0004	-0.9968	-0.9967	-0.0001
2024-02-23T14:26:25	1	0	6	6	0	1.0381	1.0380	-0.0001	0.9926	0.9927	-0.0001
2024-02-23T14:26:45	1	0	269	269	0	1.0829	1.0829	0.0000	-0.9999	-0.9999	0.0000
2024-02-23T14:27:13	1	0	1	1	0	1.0565	1.0564	-0.0001	0.9888	0.9887	0.0001
2024-02-23T14:27:15	1	0	1	0	1	1.0551	null	null	0.986	0.986	0.0000
2024-02-23T14:27:21	1	0	3	3	0	1.0598	1.0595	-0.0003	0.9912	0.9911	0.0001
2024-02-23T14:27:47	1	0	20	17	3	1.0527	1.0519	-0.0008	0.999	0.999	0.0000
2024-02-23T14:28:12	1	0	6	3	3	1.0484	1.0492	0.0008	-0.9878	-0.9879	0.0001
2024-02-23T14:28:17	5	0	27	25	2	1.0477	1.0479	0.0002	-0.9989	-0.999	0.0001
2024-02-23T14:28:32	3	0	9	9	0	1.0427	1.0426	0.0000	0.9829	0.9828	0.0001
2024-02-23T14:28:39	2	0	18	17	1	1.0490	1.0486	-0.0004	0.9956	0.9956	0.0000
2024-02-23T14:29:06	1	0	18	18	0	1.0480	1.0479	-0.0001	0.9999	0.9999	0.0000
2024-02-23T14:29:07	1	0	325	325	0	1.0600	1.0599	0.0000	0.997	0.997	0.0000
2024-02-23T14:29:08	8	0	11	10	1	1.0508	1.0509	0.0001	-0.9992	-0.9993	0.0001
2024-02-23T14:29:15	5	0	2	2	0	1.0487	1.0482	-0.0005	-0.9909	-0.9912	0.0003
2024-02-23T14:29:30	2	0	8	8	0	1.0222	1.0222	0.0000	0.9999	0.9999	0.0000
2024-02-23T14:29:37	4	0	4	4	0	1.0507	1.0505	-0.0002	-0.9911	-0.9913	0.0002
2024-02-23T14:29:56	1	0	58	53	5	1.0520	1.0516	-0.0005	-0.9953	-0.9954	0.0001

2024-02-23T14:30:18	5	0	12	11	1	1.0525	1.0521	-0.0004	0.9897	0.9897	0.0000
2024-02-23T14:30:45	5	0	143	141	2	1.0540	1.0541	0.0001	0.9982	0.9982	0.0000
2024-02-23T14:30:48	4	0	4	4	0	1.0210	1.0200	-0.0010	0.9775	0.9769	0.0006
2024-02-23T14:31:04	2	0	6	6	0	1.0351	1.0202	-0.0150	0.982	0.982	0.0000
2024-02-23T14:31:56	2	0	9	9	0	1.0472	1.0471	-0.0001	0.9958	0.9959	-0.0001
2024-02-23T14:32:23	1	0	4	4	0	1.0314	1.0313	-0.0001	0.9989	0.9989	0.0000
2024-02-23T14:32:47	7	0	6	6	0	1.0169	1.0163	-0.0006	0.9874	0.9871	0.0003
2024-02-23T14:32:48	2	0	34	32	2	1.0504	1.0499	-0.0005	1	1	0.0000
2024-02-23T14:33:02	5	0	45	43	2	1.0528	1.0527	-0.0002	0.9812	0.9811	0.0001
2024-02-23T14:33:06	4	0	16	15	1	1.0481	1.0476	-0.0005	-0.9527	-0.9526	-0.0001
2024-02-23T14:34:05	2	0	1	1	0	1.0571	1.0557	-0.0014	0.959	0.9586	0.0004
2024-02-23T14:34:05	2	0	24	20	4	1.0522	1.0501	-0.0021	-0.9925	-0.993	0.0005
2024-02-23T14:34:46	2	0	60	57	3	1.0612	1.0612	0.0000	0.9976	0.9976	0.0000
2024-02-23T14:34:51	1	0	2	2	0	1.0403	1.0403	-0.0001	0.9839	0.9839	0.0000
2024-02-23T14:35:32	3	0	34	30	4	1.0558	1.0557	-0.0001	0.9963	0.9957	0.0006
2024-02-23T14:35:35	1	0	3	3	0	1.0498	1.0497	-0.0001	0.993	0.9928	0.0002
2024-02-23T14:35:42	1	0	2	2	0	1.0333	1.0331	-0.0003	0.9919	0.9917	0.0002
2024-02-23T14:36:00	8	0	140	130	10	1.0582	1.0579	-0.0002	0.958	0.9574	0.0006
2024-02-23T14:36:05	2	0	35	34	1	1.0475	1.0475	0.0000	-0.9968	-0.9969	0.0001
2024-02-23T14:36:32	2	0	1	1	0	1.0136	1.0117	-0.0019	-0.9994	-0.9995	0.0001
2024-02-23T14:36:39	2	0	10	10	0	1.0522	1.0521	-0.0001	-0.866	-0.8692	0.0032
2024-02-23T14:37:00	4	0	7	7	0	0.9783	0.9783	0.0000	0.9982	0.9982	0.0000
2024-02-23T14:39:54	1	0	15	15	0	1.0544	1.0544	0.0000	-0.9606	-0.9613	0.0007
2024-02-23T14:40:19	2	0	196	193	3	1.0600	1.0600	0.0000	-0.9869	-0.9868	-0.0001
2024-02-23T14:41:16	1	0	1	0	1	1.0145	null	null	-0.9956	-0.9956	0.0000
2024-02-23T14:41:26	1	0	8	8	0	1.0381	1.0381	0.0000	0.9925	0.9926	-0.0001
2024-02-23T14:42:36	1	0	2	2	0	1.0505	1.0505	0.0000	0.9913	0.9913	0.0000
2024-02-23T14:42:56	1	0	20	19	1	1.0528	1.0524	-0.0004	0.999	0.999	0.0000
2024-02-23T14:43:18	1	0	10	10	0	1.0444	1.0444	0.0000	0.9979	0.9979	0.0000
2024-02-23T14:43:33	1	0	5	5	0	1.0438	1.0437	0.0000	0.9808	0.9808	0.0000
2024-02-23T14:43:52	1	0	2	2	0	1.0296	1.0295	-0.0001	0.9926	0.9929	-0.0003
2024-02-23T14:44:07	1	0	17	17	0	1.0476	1.0476	0.0000	0.9997	0.9997	0.0000
2024-02-23T14:44:09	8	0	6	6	0	1.0487	1.0485	-0.0002	-0.9992	-0.9992	0.0000
2024-02-23T14:44:13	2	0	7	7	0	1.0427	1.0426	-0.0001	-0.9994	-0.9995	0.0001
2024-02-23T14:44:16	5	0	9	9	0	1.0468	1.0467	-0.0001	-0.9907	-0.9908	0.0001
2024-02-23T14:44:17	1	0	316	316	0	1.0598	1.0598	0.0000	0.9968	0.9968	0.0000
2024-02-23T14:44:31	2	0	9	9	0	1.0230	1.0230	0.0000	1	1	0.0000
2024-02-23T14:44:38	4	0	4	4	0	1.0500	1.0500	0.0000	-0.9912	-0.9913	0.0001
2024-02-23T14:45:08	2	0	101	97	4	1.0535	1.0535	-0.0001	-0.9945	-0.9946	0.0001
2024-02-23T14:45:24	1	0	8	8	0	1.0510	1.0510	0.0000	0.9896	0.9895	0.0001
2024-02-23T14:45:46	4	0	184	179	5	1.0552	1.0552	0.0000	0.9982	0.9982	0.0000
2024-02-23T14:46:57	2	0	6	6	0	1.0481	1.0481	0.0000	0.9964	0.9965	-0.0001
2024-02-23T14:49:06	1	0	9	7	2	1.0477	1.0462	-0.0015	-0.9951	-0.9955	0.0004
2024-02-23T14:49:58	2	0	1	1	0	1.0566	1.0564	-0.0002	0.9956	0.9956	0.0000
2024-02-23T14:50:33	1	0	29	29	0	1.0557	1.0556	-0.0001	0.9949	0.9944	0.0005
2024-02-23T14:51:06	1	0	39	38	1	1.0483	1.0483	0.0000	-0.9952	-0.9952	0.0000
2024-02-23T14:52:59	2	0	4	4	0	1.0071	1.0070	-0.0001	0.9843	0.9837	0.0006
2024-02-23T14:54:56	1	0	5	5	0	1.0455	1.0454	0.0000	0.9851	0.9846	0.0005
2024-02-23T14:56:17	1	0	4	4	0	0.9478	0.9479	0.0000	-0.9953	-0.9953	0.0000
2024-02-23T14:57:16	1	0	1	1	0	1.0556	1.0556	0.0000	0.99	0.99	0.0000
2024-02-23T14:58:53	1	0	1	0	1	1.0325	null	null	0.993	0.9929	0.0001
2024-02-23T14:59:17	1	0	9	9	0	1.0453	1.0453	0.0000	-0.9902	-0.9904	0.0002
2024-02-23T15:00:16	1	0	2	2	0	1.0369	1.0368	-0.0001	0.9987	0.9987	0.0000
2024-02-23T15:01:06	2	0	3	3	0	1.0249	1.0248	0.0000	0.982	0.9821	-0.0001
2024-02-23T15:03:10	4	0	7	7	0	1.0141	1.0139	-0.0002	0.9887	0.9884	0.0003
2024-02-23T15:04:07	1	0	17	17	0	0.9425	0.9427	0.0002	0.9627	0.9628	-0.0001
2024-02-23T15:04:07	1	0	10	8	2	1.0493	1.0469	-0.0023	-0.9944	-0.9948	0.0004
2024-02-23T15:04:59	1	0	1	1	0	1.0462	1.0458	-0.0004	0.996	0.9958	0.0002
2024-02-23T15:05:34	1	0	34	32	2	1.0561	1.0561	0.0000	0.9946	0.9941	0.0005
2024-02-23T15:06:07	1	0	44	42	2	1.0506	1.0506	0.0000	-0.9938	-0.9938	0.0000
2024-02-23T15:08:08	1	0	22	22	0	1.0452	1.0452	-0.0001	0.9952	0.9951	0.0001
2024-02-23T15:08:43	5	0	8	8	0	1.0319	1.0316	-0.0004	0.9995	0.9995	0.0000
2024-02-23T15:13:20	2	0	7	7	0	1.0448	1.0448	0.0000	-0.9994	-0.9995	0.0001
2024-02-23T15:15:51	2	0	4	4	0	1.0200	1.0199	-0.0001	0.9839	0.9838	0.0001
2024-02-23T15:16:07	1	0	7	8	-1	1.0319	1.0211	-0.0109	0.9838	0.9839	-0.0001
2024-02-23T15:16:34	1	0	26	26	0	1.0506	1.0506	0.0000	0.9648	0.9648	0.0000
2024-02-23T15:18:00	1	0	1	1	0	1.0569	1.0560	-0.0009	0.97	0.9737	-0.0037
2024-02-23T15:18:23	3	0	9	9	0	1.0155	1.0154	-0.0001	0.9878	0.9878	0.0000
2024-02-23T15:18:31	1	0	31	30	1	1.0529	1.0528	-0.0001	0.9359	0.9358	0.0001
2024-02-23T15:19:08	1	0	9	8	1	1.0487	1.0473	-0.0014	-0.995	-0.9953	0.0003
2024-02-23T15:20:35	1	0	37	36	1	1.0561	1.0560	-0.0001	0.9965	0.9961	0.0004
2024-02-23T15:21:02	2	0	25	25	0	1.0476	1.0476	0.0000	1	1	0.0000
2024-02-23T15:21:08	1	0	49	49	0	1.0491	1.0491	0.0000	-0.9928	-0.9928	0.0000
2024-02-23T15:22:23	2	0	7	7	0	1.0443	1.0441	-0.0002	-0.998	-0.998	0.0000
2024-02-23T15:26:20	2	0	2	2	0	1.0051	1.0048	-0.0003	0.9452	0.9448	0.0004
2024-02-23T15:28:21	1	0	6	6	0	1.0377	1.0376	0.0000	-0.9996	-0.9996	0.0000
2024-02-23T15:28:36	1	0	6	6	0	1.0470	1.0470	-0.0001	0.9895	0.9893	0.0002
2024-02-23T15:29:01	1	0	6	6	0	1.0307	1.0306	-0.0002	0.9937	0.9938	-0.0001
2024-02-23T15:33:32	2	0	29	27	2	1.0535	1.0533	-0.0002	0.9391	0.939	0.0001
2024-02-23T15:34:09	1	0	12	11	1	1.0481	1.0470	-0.0011	-0.9944	-0.9947	0.0003
2024-02-23T15:35:36	1	0	44	42	2	1.0564	1.0564	-0.0001	0.9977	0.9974	0.0003
2024-02-23T15:39:56	1	0	38	38	0	1.0396	1.0396	0.0000	0.9644	0.9645	-0.0001
2024-02-23T15:43:37	1	0	12	12	0	1.0439	1.0439	0.0000	0.9892	0.9892	0.0000
2024-02-23T15:44:13	1	0	4	4	0	1.0362	1.0360	-0.0002	-1	-1	0.0000
2024-02-23T15:46:09	1	0	5	6	-1	1.0298	1.0156	-0.0141	0.9844	0.9845	-0.0001

2024-02-23T15:49:42	1	0	1	0	1	1.0101	null	null	0.9721	0.972	0.0001
2024-02-23T15:56:51	1	0	10	10	0	1.0246	1.0246	0.0000	0.9994	0.9994	0.0000
2024-02-23T15:57:23	1	0	3	3	0	1.0454	1.0452	-0.0002	0.9856	0.9844	0.0012
2024-02-23T16:01:04	1	0	164	164	0	1.0571	1.0571	-0.0001	-0.989	-0.989	0.0000
2024-02-23T16:01:30	4	0	129	125	4	1.0592	1.0590	-0.0002	-0.9368	-0.9372	0.0004
2024-02-23T16:04:11	1	0	7	4	3	1.0458	1.0457	-0.0001	-0.9957	-0.9959	0.0002
2024-02-23T16:16:31	3	0	16	15	1	1.0517	1.0521	0.0004	-0.9831	-0.9834	0.0003
2024-02-23T16:19:12	1	0	7	6	1	1.0460	1.0458	-0.0002	-0.9965	-0.9966	0.0001
2024-02-23T16:19:56	1	0	1	1	0	1.0010	1.0007	-0.0003	0.999	0.999	0.0000
2024-02-23T16:21:07	1	0	21	21	0	1.0314	1.0318	0.0004	0.95	0.939	0.0110
2024-02-23T16:49:15	1	0	8	8	0	1.0465	1.0463	-0.0002	-0.9956	-0.9957	0.0001
2024-02-23T16:51:22	1	0	2	2	0	0.9415	0.9417	0.0002	0.9974	0.9974	0.0000
2024-02-23T17:29:27	2	0	3	3	0	1.0353	1.0349	-0.0003	-0.9924	-0.9925	0.0001
2024-02-23T18:11:30	1	0	21	21	0	0.9437	0.9437	0.0001	-0.9929	-0.9925	-0.0004
2024-02-24T10:42:13	3	0	3	3	0	1.0428	1.0418	-0.0010	-0.9997	-0.9997	0.0000
2024-02-24T11:12:15	2	0	9	9	0	1.0483	1.0480	-0.0003	-0.9995	-0.9995	0.0000
2024-02-24T11:27:16	1	0	16	16	0	1.0489	1.0488	-0.0002	-0.9992	-0.9992	0.0000
2024-02-25T07:50:20	2	0	84	81	3	0.9414	0.9414	0.0000	-0.997	-0.9967	-0.0003
2024-02-25T07:51:48	3	0	215	197	18	0.9310	0.9323	0.0013	0.9895	0.9895	0.0000
2024-02-25T08:17:05	4	0	319	317	2	0.9296	0.9296	0.0000	0.9989	0.9989	0.0000
2024-02-25T08:18:18	1	0	112	110	2	0.9331	0.9333	0.0001	0.9913	0.9912	0.0001
2024-02-25T08:25:41	2	0	84	82	2	0.9327	0.9333	0.0006	-0.9989	-0.9983	-0.0006
2024-02-25T08:33:34	1	0	67	65	2	0.9286	0.9288	0.0002	0.993	0.9931	-0.0001
2024-02-25T08:37:10	1	0	1	1	0	1.0389	1.0389	0.0000	0.9967	0.9966	0.0001
2024-02-25T09:31:43	1	0	230	229	1	1.0615	1.0615	0.0000	0.9989	0.9989	0.0000
2024-02-25T09:31:53	1	0	1	0	1	1.0385	null	null	0.9998	0.9998	0.0000
2024-02-25T09:33:23	2	0	68	50	18	0.9626	0.9634	0.0008	0.9914	0.9913	0.0001
2024-02-25T09:33:36	1	0	6	6	0	1.0488	1.0484	-0.0004	-0.9923	-0.9925	0.0002
2024-02-25T09:33:39	2	0	68	67	1	0.9345	0.9350	0.0004	0.9916	0.9915	0.0001
2024-02-25T09:33:45	3	0	13	11	2	1.0478	1.0478	0.0000	-0.9813	-0.9814	0.0001
2024-02-25T09:35:27	2	0	168	162	6	0.9389	0.9396	0.0006	-0.9996	-0.9995	-0.0001
2024-02-25T09:35:29	2	0	11	11	0	1.0498	1.0495	-0.0003	1	1	0.0000
2024-02-25T09:37:17	3	0	123	116	7	0.9697	0.9702	0.0005	0.9883	0.9884	-0.0001
2024-02-25T09:41:16	1	0	163	163	0	0.9409	0.9410	0.0001	0.9966	0.9966	0.0000
2024-02-25T09:45:20	2	0	9	9	0	1.0314	1.0313	-0.0001	0.9841	0.984	0.0001
2024-02-25T09:45:46	1	0	3	3	0	1.0194	1.0195	0.0001	-0.9963	-0.9962	-0.0001
2024-02-25T09:45:53	1	0	18	18	0	1.0490	1.0489	-0.0001	0.9878	0.9877	0.0001
2024-02-25T09:46:06	3	0	7	7	0	1.0095	1.0093	-0.0002	0.9981	0.9976	0.0005
2024-02-25T09:47:59	3	0	38	37	1	1.0521	1.0520	-0.0001	0.9838	0.9836	0.0002
2024-02-25T09:48:37	2	0	10	10	0	1.0481	1.0476	-0.0005	-0.9891	-0.9894	0.0003
2024-02-25T09:49:07	1	0	53	53	0	0.9418	0.9418	0.0000	0.9938	0.9937	0.0001
2024-02-25T09:49:22	1	0	16	16	0	0.9493	0.9493	0.0000	0.9736	0.9734	0.0002
2024-02-25T09:50:21	2	0	19	18	1	1.0470	1.0475	0.0005	0.9999	0.9999	0.0000
2024-02-25T09:50:29	2	0	4	4	0	1.0430	1.0429	-0.0001	0.9915	0.9885	0.0030
2024-02-25T09:52:21	1	0	37	33	4	0.9805	0.9844	0.0039	0.9889	0.989	-0.0001
2024-02-25T09:54:28	2	0	2	2	0	1.0364	1.0359	-0.0005	0.9994	0.996	0.0034
2024-02-25T09:55:47	1	0	99	93	6	1.0578	1.0576	-0.0002	0.9964	0.9964	0.0000
2024-02-25T09:57:46	1	0	2	2	0	1.0372	1.0369	-0.0004	0.9982	0.9982	0.0000
2024-02-25T09:58:03	1	0	66	62	4	1.0554	1.0552	-0.0002	0.9933	0.9933	0.0000
2024-02-25T09:58:25	2	0	2	2	0	1.0046	1.0043	-0.0003	-0.9848	-0.9847	-0.0001
2024-02-25T09:59:08	1	0	2	2	0	1.0451	1.0449	-0.0002	-0.9976	-0.9977	0.0001
2024-02-25T09:59:34	3	0	18	18	0	1.0533	1.0532	-0.0001	0.9975	0.9975	0.0000
2024-02-25T10:01:11	2	0	1	1	0	1.0238	1.0231	-0.0007	0.9844	0.9841	0.0003
2024-02-25T10:01:34	2	0	5	5	0	1.0337	1.0334	-0.0003	0.9926	0.9923	0.0003
2024-02-25T10:03:02	3	0	35	34	1	1.0527	1.0525	-0.0003	0.982	0.9761	0.0059
2024-02-25T10:03:38	1	0	13	12	1	1.0473	1.0463	-0.0010	-0.9874	-0.9877	0.0003
2024-02-25T10:05:30	1	0	11	11	0	1.0487	1.0486	-0.0002	0.9918	0.9918	0.0000
2024-02-25T10:05:31	2	0	18	16	2	1.0543	1.0540	-0.0003	-0.9998	-0.9998	0.0000
2024-02-25T10:05:51	2	0	1	1	0	1.0457	1.0452	-0.0005	0.9998	0.9984	0.0014
2024-02-25T10:06:36	1	0	2	2	0	1.0297	1.0296	-0.0002	-0.9988	-0.9994	0.0006
2024-02-25T10:10:45	2	0	1	1	0	1.0034	1.0020	-0.0014	-0.9989	-0.999	0.0001
2024-02-25T10:12:50	2	0	3	3	0	1.0280	1.0273	-0.0007	0.9987	0.9986	0.0001
2024-02-25T10:13:05	1	0	15	15	0	1.0373	1.0373	0.0000	0.9773	0.9771	0.0002
2024-02-25T10:15:22	1	0	11	11	0	1.0255	1.0252	-0.0002	0.9826	0.9824	0.0002
2024-02-25T10:15:22	1	0	1	1	0	1.0244	1.0238	-0.0006	0.9989	0.9988	0.0001
2024-02-25T10:15:43	1	0	107	105	2	1.0550	1.0550	0.0000	-0.975	-0.9751	0.0001
2024-02-25T10:16:09	2	0	3	3	0	1.0007	1.0004	-0.0003	0.99	0.9899	0.0001
2024-02-25T10:17:20	1	0	66	65	1	1.0472	1.0470	-0.0001	-0.9875	-0.9874	-0.0001
2024-02-25T10:18:39	1	0	14	12	2	1.0496	1.0479	-0.0017	-0.9901	-0.9904	0.0003
2024-02-25T10:19:05	3	0	17	11	6	1.0521	1.0500	-0.0021	-0.9996	-0.9997	0.0001
2024-02-25T10:24:09	1	0	32	31	1	1.0591	1.0591	0.0000	0.9888	0.9888	0.0000
2024-02-25T10:24:25	1	0	1	1	0	0.9831	0.9834	0.0003	0.981	0.981	0.0000
2024-02-25T10:24:28	3	0	25	25	0	1.0241	1.0240	-0.0001	0.9638	0.9634	0.0004
2024-02-25T10:24:30	1	0	4	4	0	1.0530	1.0527	-0.0003	0.9988	0.9987	0.0001
2024-02-25T10:25:10	1	0	67	67	0	0.9455	0.9455	0.0000	-0.9994	-0.9994	0.0000
2024-02-25T10:26:00	1	0	2	2	0	1.0318	1.0317	-0.0001	0.9977	0.9977	0.0000
2024-02-25T10:26:02	1	0	145	142	3	1.0587	1.0585	-0.0002	0.9964	0.9964	0.0000
2024-02-25T10:26:50	1	0	139	137	2	0.9403	0.9406	0.0002	0.9773	0.9774	-0.0001
2024-02-25T10:30:27	3	0	2	1	1	1.0408	1.0231	-0.0177	0.9991	0.9991	0.0000
2024-02-25T10:31:29	1	0	2	2	0	1.0262	1.0258	-0.0004	-0.9682	-0.9677	-0.0005
2024-02-25T10:32:27	3	0	5	5	0	0.9771	0.9766	-0.0005	0.9865	0.9865	0.0000
2024-02-25T10:32:34	1	0	1	0	1	1.0559	null	null	0.9813	0.9811	0.0002
2024-02-25T10:33:09	3	0	63	60	3	1.0545	1.0543	-0.0002	0.9809	0.9806	0.0003
2024-02-25T10:33:40	1	0	22	18	4	1.0521	1.0505	-0.0016	-0.9833	-0.9896	0.0063
2024-02-25T10:33:49	3	0	17	16	1	1.0499	1.0495	-0.0004	-0.9777	-0.978	0.0003

2024-02-25T10:33:55	1	0	2	2	0	1.0369	1.0367	-0.0003	0.9904	0.9903	0.0001
2024-02-25T10:34:06	3	0	20	20	0	1.0493	1.0491	-0.0002	-0.9996	-0.9996	0.0000
2024-02-25T10:34:52	4	0	8	8	0	1.0497	1.0494	-0.0003	0.999	0.9988	0.0002
2024-02-25T10:35:10	1	0	16	17	-1	0.9548	0.9547	-0.0001	0.9753	0.9752	0.0001
2024-02-25T10:35:47	1	0	10	10	0	1.0528	1.0523	-0.0004	-0.9927	-0.9934	0.0007
2024-02-25T10:35:51	1	0	3	3	0	0.9899	0.9898	-0.0001	-0.9998	-0.9998	0.0000
2024-02-25T10:35:58	1	0	4	4	0	1.0575	1.0570	-0.0005	-0.9353	-0.9398	0.0045
2024-02-25T10:36:38	2	0	5	5	0	1.0067	1.0065	-0.0002	-0.9992	-0.9992	0.0000
2024-02-25T10:37:05	5	0	3	3	0	1.0370	1.0361	-0.0009	-0.994	-0.9945	0.0005
2024-02-25T10:37:32	3	0	51	45	6	0.9970	0.9969	-0.0001	0.987	0.987	0.0000
2024-02-25T10:37:41	1	0	28	28	0	1.0501	1.0501	0.0000	-0.9994	-0.9994	0.0000
2024-02-25T10:39:10	1	0	23	23	0	1.0547	1.0546	0.0000	0.9901	0.99	0.0001
2024-02-25T10:40:03	2	0	58	57	1	1.0484	1.0483	-0.0001	0.9988	0.9988	0.0000
2024-02-25T10:41:23	1	0	7	7	0	1.0447	1.0445	-0.0002	0.9832	0.9832	0.0000
2024-02-25T10:41:37	1	0	29	28	1	1.0492	1.0489	-0.0003	-0.9551	-0.9549	-0.0002
2024-02-25T10:43:09	2	0	16	16	0	1.0394	1.0393	-0.0001	0.9778	0.9776	0.0002
2024-02-25T10:43:43	2	0	15	15	0	1.0495	1.0494	-0.0001	-0.9777	-0.9779	0.0002
2024-02-25T10:43:51	1	0	2	2	0	1.0403	1.0401	-0.0003	-0.9999	-0.9999	0.0000
2024-02-25T10:45:24	1	0	12	12	0	1.0271	1.0270	-0.0001	0.9819	0.9816	0.0003
2024-02-25T10:45:37	3	0	2	1	1	1.0443	1.0256	-0.0187	0.9992	0.9991	0.0001
2024-02-25T10:45:58	1	0	38	37	1	1.0524	1.0523	-0.0001	-0.9711	-0.9711	0.0000
2024-02-25T10:47:13	1	0	3	3	0	1.0339	1.0337	-0.0003	0.9975	0.9974	0.0001
2024-02-25T10:47:21	2	0	6	5	1	1.0459	1.0460	0.0001	0.9993	0.9993	0.0000
2024-02-25T10:47:28	1	0	16	15	1	0.9626	0.9558	-0.0069	0.9875	0.9875	0.0000
2024-02-25T10:48:41	1	0	32	23	9	1.0522	1.0508	-0.0014	-0.9833	-0.9838	0.0005
2024-02-25T10:50:33	3	0	14	13	1	1.0500	1.0491	-0.0009	0.9919	0.9916	0.0003
2024-02-25T10:51:39	1	0	3	3	0	1.0414	1.0413	-0.0001	-0.9985	-0.9985	0.0000
2024-02-25T10:52:42	1	0	23	22	1	1.0484	1.0489	0.0006	-0.9998	-0.9999	0.0001
2024-02-25T10:54:30	3	0	52	52	0	1.0428	1.0428	0.0000	0.9654	0.9654	0.0000
2024-02-25T10:54:56	1	0	5	5	0	1.0440	1.0439	-0.0001	0.9957	0.9957	0.0000
2024-02-25T10:56:52	1	0	92	91	1	0.9408	0.9408	0.0000	0.9779	0.9779	0.0000
2024-02-25T10:58:10	1	0	17	16	1	1.0395	1.0403	0.0009	0.9791	0.979	0.0001
2024-02-25T11:00:54	1	0	57	57	0	1.0553	1.0552	0.0000	0.959	0.9587	0.0003
2024-02-25T11:00:56	1	0	2	2	0	1.0311	1.0300	-0.0011	-0.9986	-0.999	0.0004
2024-02-25T11:01:35	1	0	7	7	0	1.0440	1.0434	-0.0006	0.9978	0.9977	0.0001
2024-02-25T11:02:26	1	0	19	18	1	1.0497	1.0492	-0.0004	0.9995	0.9995	0.0000
2024-02-25T11:03:51	1	0	7	8	-1	1.0533	1.0515	-0.0018	1	1	0.0000
2024-02-25T11:05:34	1	0	15	14	1	1.0489	1.0485	-0.0005	0.9897	0.9897	0.0000
2024-02-25T11:25:55	2	0	2	2	0	1.0127	1.0118	-0.0010	0.9621	0.9654	-0.0033
2024-02-25T11:25:55	2	0	40	40	0	0.9515	0.9513	-0.0002	-0.9977	-0.9978	0.0001
2024-02-25T11:26:25	1	0	124	122	2	1.0589	1.0585	-0.0004	0.9973	0.9972	0.0001
2024-02-25T11:26:26	1	0	9	9	0	1.0475	1.0474	-0.0001	0.9838	0.9838	0.0000
2024-02-25T11:26:31	2	0	15	15	0	1.0398	1.0396	-0.0002	0.9933	0.9932	0.0001
2024-02-25T11:26:54	1	0	149	148	1	0.9356	0.9359	0.0003	0.9781	0.9781	0.0000
2024-02-25T11:30:50	1	0	1	1	0	1.0287	1.0284	-0.0003	0.9995	0.9995	0.0000
2024-02-25T11:30:53	1	0	2	2	0	1.0341	1.0341	0.0000	-1	-1	0.0000
2024-02-25T11:30:59	1	0	2	2	0	1.0307	1.0304	-0.0004	-0.9981	-0.9983	0.0002
2024-02-25T11:31:03	1	0	28	27	1	1.0538	1.0537	-0.0001	-0.974	-0.9742	0.0002
2024-02-25T11:31:09	1	0	128	129	-1	1.0561	1.0561	-0.0001	-0.971	-0.971	0.0000
2024-02-25T11:31:28	1	0	15	14	1	1.0489	1.0485	-0.0005	-0.9463	-0.9463	0.0000
2024-02-25T11:31:33	5	0	8	8	0	1.0083	1.0082	-0.0001	0.9919	0.9918	0.0001
2024-02-25T11:31:51	2	0	264	263	1	1.0653	1.0652	0.0000	0.9991	0.9991	0.0000
2024-02-25T11:33:22	3	0	60	60	0	1.0555	1.0555	-0.0001	0.9824	0.9822	0.0002
2024-02-25T11:33:47	2	0	20	18	2	1.0505	1.0493	-0.0012	-0.9812	-0.9818	0.0006
2024-02-25T11:33:57	1	0	14	14	0	1.0511	1.0511	-0.0001	0.9999	0.9998	0.0001
2024-02-25T11:35:13	1	0	1	1	0	1.0326	1.0321	-0.0005	0.9792	0.9792	0.0000
2024-02-25T11:50:39	1	0	9	8	1	1.0526	1.0515	-0.0011	0.9882	0.9881	0.0001
2024-02-25T11:52:01	1	0	3	3	0	1.0395	1.0390	-0.0005	1	1	0.0000
2024-02-25T11:56:25	1	0	309	310	-1	1.0900	1.0900	0.0000	0.9992	0.9992	0.0000
2024-02-25T12:00:27	1	0	20	19	1	1.0478	1.0473	-0.0005	0.9871	0.9871	0.0000
2024-02-25T12:00:44	1	0	293	294	-1	1.0566	1.0566	0.0000	-0.917	-0.9192	0.0022
2024-02-25T12:00:55	2	0	2	2	0	1.0058	1.0058	0.0000	-0.9999	-0.9999	0.0000
2024-02-25T12:01:59	1	0	247	245	2	1.0631	1.0631	0.0000	0.9991	0.9992	-0.0001
2024-02-25T12:02:27	1	0	13	12	1	1.0465	1.0457	-0.0008	-0.9979	-0.9978	-0.0001
2024-02-25T12:03:05	1	0	11	10	1	1.0380	1.0361	-0.0019	0.9498	0.9497	0.0001
2024-02-25T12:03:49	2	0	18	18	0	1.0488	1.0482	-0.0005	-0.9794	-0.9795	0.0001
2024-02-25T12:04:01	2	0	1	0	1	1.0563	null	null	0.9558	0.9536	0.0022
2024-02-25T12:04:15	1	0	15	15	0	1.0518	1.0518	0.0000	1	1	0.0000
2024-02-25T12:10:19	1	0	44	44	0	0.9528	0.9528	0.0000	0.9997	0.9997	0.0000
2024-02-25T12:10:58	3	0	54	52	2	0.9453	0.9469	0.0016	-0.9976	-0.9974	-0.0002
2024-02-25T12:11:26	1	0	356	356	0	1.0942	1.0942	0.0000	0.9996	0.9995	0.0001
2024-02-25T12:11:45	1	0	15	14	1	1.0527	1.0523	-0.0004	0.9969	0.997	-0.0001
2024-02-25T12:11:55	1	0	1	1	0	1.0571	1.0564	-0.0007	0.9999	0.9999	0.0000
2024-02-25T12:12:53	1	0	1	0	1	1.0554	null	null	0.9983	0.9983	0.0000
2024-02-25T12:18:50	1	0	8	7	1	1.0508	1.0491	-0.0017	-0.9806	-0.9876	0.0070
2024-02-25T12:26:52	1	0	15	15	0	1.0525	1.0523	-0.0002	0.9977	0.9977	0.0000
2024-02-25T12:35:36	6	0	36	35	1	1.0542	1.0543	0.0001	-0.9998	-0.9998	0.0000
2024-02-25T12:38:14	2	0	18	17	1	1.0454	1.0448	-0.0006	0.9667	0.9663	0.0004
2024-02-25T12:41:00	1	0	8	8	0	0.9601	0.9602	0.0001	-0.9965	-0.9965	0.0000
2024-02-25T12:46:01	1	0	2	3	-1	1.0233	1.0340	0.0107	0.9997	0.9997	0.0000
2024-02-25T12:46:44	7	0	3	5	-2	1.0191	1.0146	-0.0045	0.9951	0.9954	-0.0003
2024-02-25T12:48:20	1	0	1	0	1	1.0553	null	null	0.9799	0.9799	0.0000
2024-02-25T12:49:18	2	0	11	12	-1	1.0534	1.0522	-0.0012	0.9975	0.9975	0.0000
2024-02-25T12:55:22	1	0	4	4	0	1.0306	1.0306	0.0000	0.9994	0.9994	0.0000
2024-02-25T13:03:21	2	0	2	2	0	1.0561	1.0550	-0.0011	0.9782	0.9779	0.0003

2024-02-25T13:27:05	1	0	24	24	0	1.0537	1.0537	-0.0001	-0.9982	-0.9982	0.0000
2024-02-25T13:31:24	2	0	163	162	1	1.0586	1.0586	0.0000	-0.9642	-0.9642	0.0000
2024-02-25T13:33:34	2	0	30	28	2	1.0517	1.0512	-0.0005	0.9712	0.9625	0.0087
2024-02-25T13:33:55	1	0	21	22	-1	1.0493	1.0488	-0.0005	-0.9803	-0.9806	0.0003
2024-02-25T13:48:56	1	0	17	16	1	1.0504	1.0491	-0.0013	-0.991	-0.9913	0.0003
2024-02-25T13:55:10	2	0	5	4	1	1.0479	1.0447	-0.0031	-0.9943	-0.9943	0.0000
2024-02-25T13:56:05	2	0	31	32	-1	0.9484	0.9483	-0.0002	-0.996	-0.9959	-0.0001
2024-02-25T13:56:38	2	0	28	27	1	1.0487	1.0484	-0.0003	-0.9182	-0.9183	0.0001
2024-02-25T13:56:50	1	0	39	39	0	1.0526	1.0525	0.0000	-0.9524	-0.9522	-0.0002
2024-02-25T13:57:07	2	0	29	28	1	1.0539	1.0538	-0.0001	-0.9979	-0.9979	0.0000
2024-02-25T14:00:35	2	0	43	41	2	1.0498	1.0494	-0.0003	0.9866	0.9866	0.0000
2024-02-25T14:03:25	3	0	2	1	1	1.0559	1.0554	-0.0005	0.979	0.979	0.0000
2024-02-25T14:03:36	1	0	32	31	1	1.0509	1.0511	0.0001	0.9725	0.9725	0.0000
2024-02-25T14:03:41	2	0	9	9	0	1.0301	1.0299	-0.0002	0.9931	0.9927	0.0004
2024-02-25T14:03:57	2	0	19	17	2	1.0495	1.0480	-0.0015	-0.9935	-0.9938	0.0003
2024-02-25T14:03:57	2	0	2	5	-3	1.0007	0.9672	-0.0334	0.9759	0.976	-0.0001
2024-02-25T14:04:24	1	0	2	2	0	0.9376	0.9376	0.0000	0.9711	0.971	0.0001
2024-02-25T14:04:35	1	0	18	18	0	1.0521	1.0519	-0.0002	0.9978	0.9977	0.0001
2024-02-25T14:05:12	2	0	7	7	0	1.0491	1.0490	-0.0001	0.986	0.9858	0.0002
2024-02-25T14:06:01	3	0	4	5	-1	1.0493	1.0486	-0.0007	0.9992	0.9992	0.0000
2024-02-25T14:07:02	1	0	5	5	0	1.0543	1.0541	-0.0002	-0.9978	-0.9979	0.0001
2024-02-25T14:09:26	1	0	77	77	0	1.0633	1.0633	0.0000	0.9907	0.9907	0.0000
2024-02-25T14:09:44	6	0	50	50	0	1.0546	1.0546	0.0000	0.9658	0.9659	-0.0001
2024-02-25T14:11:06	2	0	3	3	0	1.0456	1.0456	0.0000	-0.9933	-0.9932	-0.0001
2024-02-25T14:12:03	1	0	1	1	0	1.0577	1.0575	-0.0002	0.9999	0.9999	0.0000
2024-02-25T14:13:57	2	0	1	1	0	1.1062	1.1062	0.0000	-0.9967	-0.9966	-0.0001
2024-02-25T14:14:00	1	0	13	13	0	1.0472	1.0472	-0.0001	0.9972	0.9931	0.0041
2024-02-25T14:14:05	3	0	2	2	0	1.0278	1.0260	-0.0018	0.9866	0.9862	0.0004
2024-02-25T14:16:27	3	0	162	162	0	1.0571	1.0571	0.0000	-0.9613	-0.9613	0.0000
2024-02-25T14:16:56	2	0	1	1	0	0.9981	0.9974	-0.0007	0.9911	0.991	0.0001
2024-02-25T14:17:13	2	0	1	0	1	1.0553	null	null	0.9999	0.9999	0.0000
2024-02-25T14:17:42	3	0	5	5	0	1.0402	1.0337	-0.0065	0.9902	0.9903	-0.0001
2024-02-25T14:17:43	8	0	96	91	5	1.0598	1.0597	-0.0001	-1	-1	0.0000
2024-02-25T14:18:04	1	0	262	262	0	1.0631	1.0630	0.0000	0.9995	0.9995	0.0000
2024-02-25T14:18:38	1	0	31	29	2	1.0511	1.0512	0.0001	0.9724	0.9722	0.0002
2024-02-25T14:18:42	1	0	5	5	0	1.0442	1.0442	0.0000	0.9922	0.992	0.0002
2024-02-25T14:18:58	2	0	61	60	1	0.9422	0.9424	0.0002	0.9783	0.9782	0.0001
2024-02-25T14:18:58	2	0	16	15	1	1.0499	1.0485	-0.0014	-0.993	-0.9934	0.0004
2024-02-25T14:19:04	7	0	8	8	0	1.0454	1.0454	0.0000	-0.99	-0.9899	-0.0001
2024-02-25T14:19:17	1	0	2	2	0	1.0304	1.0303	-0.0002	-0.9841	-0.9841	0.0000
2024-02-25T14:19:43	2	0	21	21	0	1.0536	1.0536	0.0000	0.9977	0.9976	0.0001
2024-02-25T14:20:13	3	0	10	11	-1	1.0517	1.0511	-0.0006	0.9871	0.9862	0.0009
2024-02-25T14:20:26	2	0	39	39	0	1.0554	1.0553	-0.0001	0.9952	0.9951	0.0001
2024-02-25T14:20:29	3	0	2	2	0	1.0335	1.0335	0.0000	0.9745	0.9769	-0.0024
2024-02-25T14:20:56	1	0	2	2	0	1.0367	1.0364	-0.0002	-0.9857	-0.9858	0.0001
2024-02-25T14:21:19	1	0	9	9	0	1.0540	1.0536	-0.0004	-0.2922	-0.2961	0.0039
2024-02-25T14:22:03	1	0	4	4	0	1.0524	1.0523	0.0000	-0.9995	-0.9996	0.0001
2024-02-25T14:23:03	7	0	1	1	0	1.0189	1.0177	-0.0012	0.9871	0.9863	0.0008
2024-02-25T14:24:05	1	0	71	70	1	1.0533	1.0532	-0.0001	-0.8969	-0.8969	0.0000
2024-02-25T14:25:18	2	0	5	4	1	1.0472	1.0443	-0.0029	-0.9939	-0.994	0.0001
2024-02-25T14:26:07	4	0	20	21	-1	0.9640	0.9628	-0.0013	-0.993	-0.9933	0.0003
2024-02-25T14:27:04	1	0	1	1	0	1.0599	1.0597	-0.0002	-1	-1	0.0000
2024-02-25T14:27:35	1	0	48	44	4	1.0555	1.0552	-0.0003	0.999	0.9989	0.0001
2024-02-25T14:30:12	1	0	1	1	0	1.0117	1.0113	-0.0004	0.9726	0.9726	0.0000
2024-02-25T14:30:54	2	0	536	535	1	1.0599	1.0599	0.0000	-0.9064	-0.9088	0.0024
2024-02-25T14:31:28	1	0	1	1	0	1.0283	1.0275	-0.0008	0.9999	0.9999	0.0000
2024-02-25T14:31:37	2	0	158	158	0	1.0572	1.0572	0.0000	-0.962	-0.962	0.0000
2024-02-25T14:31:57	3	0	2	2	0	1.0089	1.0085	-0.0004	0.9906	0.9905	0.0001
2024-02-25T14:32:14	1	0	1	1	0	1.0410	1.0408	-0.0002	1	0.9999	0.0001
2024-02-25T14:32:44	6	0	39	37	2	1.0533	1.0531	-0.0001	-0.9999	-0.9999	0.0000
2024-02-25T14:33:12	1	0	260	259	1	1.0628	1.0627	0.0000	0.9995	0.9995	0.0000
2024-02-25T14:33:16	1	0	15	14	1	1.0407	1.0403	-0.0004	0.9555	0.9552	0.0003
2024-02-25T14:33:42	1	0	32	32	0	1.0519	1.0518	-0.0001	0.975	0.9748	0.0002
2024-02-25T14:33:59	2	0	19	18	1	1.0508	1.0486	-0.0023	-0.9916	-0.9921	0.0005
2024-02-25T14:33:59	3	0	116	115	1	0.9323	0.9276	-0.0047	0.9711	0.9709	0.0002
2024-02-25T14:34:06	1	0	3	3	0	1.0447	1.0447	0.0000	-0.9929	-0.9929	0.0000
2024-02-25T14:34:18	1	0	2	2	0	1.0335	1.0334	-0.0001	-0.9846	-0.9845	-0.0001
2024-02-25T14:34:26	3	0	49	46	3	1.0531	1.0531	0.0000	-0.9982	-0.9983	0.0001
2024-02-25T14:34:58	1	0	26	26	0	1.0549	1.0549	-0.0001	0.9981	0.9982	-0.0001
2024-02-25T14:35:14	3	0	12	11	1	1.0520	1.0516	-0.0003	0.9997	0.9996	0.0001
2024-02-25T14:35:27	2	0	38	37	1	1.0551	1.0550	-0.0001	0.9954	0.9954	0.0000
2024-02-25T14:35:44	1	0	28	27	1	1.0530	1.0528	-0.0002	0.9982	0.9982	0.0000
2024-02-25T14:35:57	2	0	2	2	0	1.0369	1.0367	-0.0003	-0.9872	-0.9873	0.0001
2024-02-25T14:36:20	1	0	2	2	0	1.0699	1.0699	-0.0001	0.8448	0.8429	0.0019
2024-02-25T14:37:04	1	0	4	4	0	1.0517	1.0516	0.0000	-0.9994	-0.9994	0.0000
2024-02-25T14:41:09	5	0	4	4	0	1.0024	1.0024	0.0000	-0.9958	-0.9957	-0.0001
2024-02-25T14:41:10	1	0	4	4	0	1.0461	1.0459	-0.0002	0.9942	0.9941	0.0001
2024-02-25T14:41:53	1	0	45	44	1	1.0522	1.0521	-0.0001	-0.9524	-0.9522	-0.0002
2024-02-25T14:42:05	1	0	1	1	0	1.0587	1.0586	-0.0001	0.9998	0.9998	0.0000
2024-02-25T14:42:43	1	0	34	31	3	1.0547	1.0544	-0.0002	0.9996	0.9996	0.0000
2024-02-25T14:43:25	2	0	23	23	0	1.0410	1.0410	-0.0001	0.9797	0.9795	0.0002
2024-02-25T14:44:02	1	0	6	6	0	1.0435	1.0435	-0.0001	0.9965	0.9964	0.0001
2024-02-25T14:44:07	3	0	3	3	0	1.0321	1.0315	-0.0006	0.9862	0.9859	0.0003
2024-02-25T14:45:13	2	0	2	2	0	1.0081	1.0078	-0.0004	0.9748	0.9748	0.0000
2024-02-25T14:45:38	2	0	49	48	1	1.0504	1.0503	-0.0001	0.9858	0.9858	0.0000

2024-02-25T14:45:55	2	0	653	652	1	1.0614	1.0614	0.0000	-0.9045	-0.907	0.0025
2024-02-25T14:46:06	2	0	2	2	0	1.0084	1.0087	0.0003	-0.9995	-0.9995	0.0000
2024-02-25T14:46:45	2	0	179	176	3	1.0585	1.0585	0.0000	-0.9609	-0.9611	0.0002
2024-02-25T14:47:44	2	0	2	1	1	0.9795	1.0165	0.0370	0.9907	0.9908	-0.0001
2024-02-25T14:49:00	1	0	14	11	3	1.0501	1.0498	-0.0004	-0.9908	-0.9913	0.0005
2024-02-25T14:49:06	1	0	7	7	0	1.0481	1.0481	0.0000	-0.9894	-0.9894	0.0000
2024-02-25T14:50:28	1	0	30	30	0	1.0549	1.0548	-0.0001	0.9969	0.9969	0.0000
2024-02-25T14:51:04	3	0	7	7	0	1.0506	1.0503	-0.0002	0.9999	0.9998	0.0001
2024-02-25T14:53:09	6	0	1	1	0	1.0175	1.0172	-0.0003	0.9849	0.9846	0.0003
2024-02-25T14:53:18	1	0	2	2	0	1.0373	1.0371	-0.0003	0.9895	0.9892	0.0003
2024-02-25T14:54:29	1	0	69	69	0	1.0593	1.0593	0.0000	0.9912	0.9912	0.0000
2024-02-25T14:56:10	1	0	3	3	0	1.0289	1.0279	-0.0011	-0.9935	-0.9929	-0.0006
2024-02-25T14:56:10	1	0	7	7	0	1.0172	1.0170	-0.0002	0.9662	0.9703	-0.0041
2024-02-25T14:57:08	1	0	1	1	0	1.0575	1.0570	-0.0005	0.9874	0.9861	0.0013
2024-02-25T14:58:26	1	0	112	112	0	1.0564	1.0564	0.0000	0.9964	0.9963	0.0001
2024-02-25T15:01:42	1	0	1	1	0	1.0273	1.0269	-0.0004	1	1	0.0000
2024-02-25T15:04:08	1	0	8	8	0	1.0448	1.0447	-0.0001	-0.9892	-0.9892	0.0000
2024-02-25T15:05:17	1	0	17	17	0	1.0526	1.0526	0.0000	0.9976	0.9977	-0.0001
2024-02-25T15:05:29	1	0	27	28	-1	1.0539	1.0536	-0.0003	0.9965	0.9948	0.0017
2024-02-25T15:05:52	1	0	17	17	0	1.0515	1.0515	0.0000	0.9881	0.9881	0.0000
2024-02-25T15:09:11	1	0	53	53	0	1.0512	1.0512	0.0000	-0.9118	-0.9117	-0.0001
2024-02-25T15:11:11	1	0	7	9	-2	0.9893	0.9789	-0.0105	-0.9933	-0.9936	0.0003
2024-02-25T15:12:33	1	0	2	2	0	1.0433	1.0432	-0.0002	-0.9722	-0.9723	0.0001
2024-02-25T15:13:25	1	0	75	75	0	1.0555	1.0555	0.0000	0.9687	0.9685	0.0002
2024-02-25T15:16:17	1	0	20	20	0	1.0482	1.0482	0.0000	0.9918	0.9918	0.0000
2024-02-25T15:16:57	1	0	170	170	0	1.0579	1.0579	0.0000	-0.9582	-0.9582	0.0000
2024-02-25T15:24:49	1	0	25	24	1	1.0519	1.0518	-0.0001	0.9671	0.9671	0.0000
2024-02-25T15:25:26	2	0	4	4	0	1.0438	1.0437	-0.0001	-0.9928	-0.9929	0.0001
2024-02-25T15:29:37	1	0	24	22	2	1.0476	1.0478	0.0001	0.9979	0.9978	0.0001
2024-02-25T15:31:18	1	0	15	14	1	1.0474	1.0475	0.0001	0.9943	0.9942	0.0001
2024-02-25T15:41:40	1	0	13	12	1	1.0555	1.0647	0.0092	0.999	0.999	0.0000
2024-02-25T15:46:59	1	0	137	137	0	1.0559	1.0559	0.0000	-0.9633	-0.9632	-0.0001
2024-02-25T15:47:19	1	0	2	2	0	1.0386	1.0386	-0.0001	1	1	0.0000
2024-02-25T15:48:48	1	0	10	10	0	1.0309	1.0308	0.0000	0.9938	0.9939	-0.0001
2024-02-25T15:56:41	1	0	12	12	0	1.0537	1.0537	0.0000	0.9991	0.9991	0.0000
2024-02-25T16:01:08	2	0	1	0	1	1.0423	null	null	-1	-1	0.0000
2024-02-25T16:01:51	2	0	1	1	0	0.9956	0.9964	0.0008	-0.9525	-0.9514	-0.0011
2024-02-25T16:13:08	1	0	1	1	0	1.0321	1.0318	-0.0003	0.9876	0.9885	-0.0009
2024-02-25T16:14:33	3	0	3	3	0	1.0436	1.0432	-0.0004	-0.989	-0.9893	0.0003
2024-02-25T16:20:34	1	0	5	5	0	1.0459	1.0458	-0.0001	0.9964	0.9963	0.0001
2024-02-25T16:40:16	1	0	18	18	0	1.0468	1.0468	0.0000	0.981	0.981	0.0000
2024-02-25T16:41:17	2	0	47	44	3	0.9447	0.9448	0.0001	-0.9974	-0.9971	-0.0003
2024-02-25T16:52:26	2	0	16	15	1	0.9839	0.9871	0.0032	1	1	0.0000
2024-02-25T17:22:28	2	0	3	3	0	1.0203	1.0199	-0.0004	-0.9999	-0.9999	0.0000
2024-02-25T17:28:13	1	0	27	24	3	0.9421	0.9421	0.0000	0.9833	0.9835	-0.0002
2024-02-25T17:33:55	1	0	16	11	5	0.9476	0.9535	0.0059	0.9928	0.9927	0.0001
2024-02-25T17:43:14	1	0	50	50	0	0.9405	0.9405	0.0000	0.9829	0.9831	-0.0002
2024-02-26T07:50:17	2	0	25	25	0	0.9412	0.9413	0.0002	-0.9701	-0.9696	-0.0005
2024-02-26T07:51:51	1	0	133	133	0	0.9184	0.9184	0.0001	0.9872	0.9872	0.0000
2024-02-26T07:55:36	1	0	74	74	0	0.9392	0.9392	0.0000	-0.9965	-0.9963	-0.0002
2024-02-26T08:18:28	1	0	93	93	0	0.9364	0.9366	0.0001	0.9628	0.963	-0.0002
2024-02-26T08:21:47	1	0	111	111	0	1.0477	1.0476	-0.0001	0.9965	0.9965	0.0000
2024-02-26T08:22:01	1	0	4	3	1	0.9587	0.9636	0.0049	0.9816	0.9819	-0.0003
2024-02-26T08:31:37	1	0	146	146	0	1.0556	1.0556	0.0000	0.9921	0.9922	-0.0001
2024-02-26T08:36:46	1	0	5	5	0	0.9390	0.9394	0.0003	-0.9907	-0.9905	-0.0002
2024-02-26T08:41:09	1	0	46	44	2	0.9534	0.9540	0.0006	0.9988	0.9988	0.0000
2024-02-26T09:01:39	1	0	142	142	0	1.0548	1.0548	0.0000	0.9937	0.9938	-0.0001
2024-02-26T09:03:31	2	0	123	121	2	0.9258	0.9262	0.0004	0.9585	0.9586	-0.0001
2024-02-26T09:05:15	1	0	1	1	0	1.0425	1.0424	-0.0001	1	1	0.0000
2024-02-26T09:05:24	2	0	45	43	2	0.9498	0.9503	0.0005	-0.9954	-0.9952	-0.0002
2024-02-26T09:06:48	1	0	2	2	0	0.9404	0.9408	0.0005	-0.9891	-0.9888	-0.0003
2024-02-26T09:06:50	1	0	113	113	0	1.0641	1.0640	-0.0001	0.997	0.997	0.0000
2024-02-26T09:11:44	2	0	44	44	0	1.0538	1.0537	-0.0001	-1	-1	0.0000
2024-02-26T09:12:38	1	0	3	3	0	1.0428	1.0426	-0.0002	0.9999	0.9999	0.0000
2024-02-26T09:23:08	1	0	7	7	0	1.0326	1.0326	0.0000	0.9997	0.9998	-0.0001
2024-02-26T09:26:12	1	0	17	17	0	1.0115	1.0117	0.0001	0.999	0.999	0.0000
2024-02-26T09:29:26	3	0	30	28	2	1.0531	1.0530	-0.0002	0.9963	0.9963	0.0000
2024-02-26T09:29:48	1	0	98	92	6	0.9415	0.9418	0.0003	0.9671	0.9664	0.0007
2024-02-26T09:33:43	3	0	45	45	0	0.9442	0.9367	-0.0074	-1	-1	0.0000
2024-02-26T09:35:24	1	0	18	18	0	1.0501	1.0500	-0.0001	0.9545	0.9543	0.0002
2024-02-26T09:35:28	7	0	25	25	0	1.0475	1.0473	-0.0001	-0.9985	-0.999	0.0005
2024-02-26T09:36:52	1	0	111	108	3	1.0631	1.0629	-0.0002	0.9894	0.9894	0.0000
2024-02-26T09:40:49	1	0	1	1	0	1.0059	1.0055	-0.0004	0.9474	0.9524	-0.0050
2024-02-26T09:45:46	1	0	78	73	5	1.0324	1.0323	-0.0001	0.9908	0.9907	0.0001
2024-02-26T09:46:51	1	0	3	3	0	1.0385	1.0384	-0.0001	0.9962	0.9962	0.0000
2024-02-26T09:49:51	1	0	8	8	0	1.0491	1.0491	0.0000	0.9779	0.9775	0.0004
2024-02-26T09:50:25	1	0	20	19	1	1.0511	1.0512	0.0001	0.95	0.9496	0.0004
2024-02-26T09:50:53	1	0	9	9	0	1.0493	1.0491	-0.0002	-0.8318	-0.833	0.0012
2024-02-26T09:51:59	1	0	16	13	3	0.9422	0.9425	0.0003	0.9826	0.9822	0.0004
2024-02-26T09:53:11	5	0	312	307	5	1.0589	1.0588	-0.0001	-0.9815	-0.9815	0.0000
2024-02-26T09:53:31	1	0	16	16	0	0.9444	0.9443	-0.0001	0.9984	0.9983	0.0001
2024-02-26T09:57:41	2	0	29	29	0	1.0479	1.0478	-0.0001	-0.9999	-0.9999	0.0000
2024-02-26T09:58:26	2	0	1	1	0	1.0028	1.0023	-0.0005	-0.9866	-0.9866	0.0000
2024-02-26T09:59:28	3	0	27	25	2	1.0526	1.0521	-0.0005	0.9957	0.9957	0.0000
2024-02-26T10:00:19	1	0	4	4	0	1.0324	1.0323	-0.0001	-0.9996	-0.9997	0.0001

2024-02-26T10:00:46	1	0	2	2	0	0.9724	0.9724	0.0001	0.991	0.991	0.0000
2024-02-26T10:00:52	1	0	13	12	1	1.0477	1.0470	-0.0008	0.9881	0.988	0.0001
2024-02-26T10:00:59	1	0	2	2	0	1.0498	1.0496	-0.0002	-0.9921	-0.9921	0.0000
2024-02-26T10:01:09	2	0	1	1	0	1.0344	1.0337	-0.0007	0.9881	0.9877	0.0004
2024-02-26T10:01:09	1	0	5	5	0	1.0116	1.0115	-0.0001	0.9872	0.9871	0.0001
2024-02-26T10:02:31	2	0	42	41	1	1.0522	1.0521	-0.0001	0.9791	0.9791	0.0000
2024-02-26T10:03:44	1	0	24	23	1	1.0554	1.0553	-0.0001	0.9974	0.9974	0.0000
2024-02-26T10:03:45	1	0	43	43	0	0.9352	0.9356	0.0004	-1	-0.9999	-0.0001
2024-02-26T10:04:47	5	0	9	9	0	1.0536	1.0531	-0.0005	0.9986	0.9985	0.0001
2024-02-26T10:05:00	2	0	1	1	0	1.0273	1.0266	-0.0007	0.9673	0.9695	-0.0022
2024-02-26T10:05:30	2	0	46	45	1	1.0432	1.0431	-0.0002	-0.9996	-0.9998	0.0002
2024-02-26T10:09:26	1	0	21	20	1	1.0278	1.0278	0.0000	0.9604	0.9604	0.0000
2024-02-26T10:09:26	2	0	19	9	10	1.0559	1.0547	-0.0012	0.9741	0.973	0.0011
2024-02-26T10:12:40	1	0	2	1	1	1.0533	1.0483	-0.0050	-0.9713	-0.9778	0.0065
2024-02-26T10:13:43	1	0	28	27	1	1.0490	1.0489	-0.0001	0.9922	0.9921	0.0001
2024-02-26T10:14:24	2	0	33	33	0	1.0491	1.0491	0.0000	-0.9954	-0.9955	0.0001
2024-02-26T10:16:10	1	0	3	3	0	1.0100	1.0098	-0.0002	0.987	0.9869	0.0001
2024-02-26T10:16:53	1	0	1	1	0	1.0384	1.0380	-0.0004	0.9981	0.9981	0.0000
2024-02-26T10:17:32	3	0	49	45	4	1.0526	1.0523	-0.0003	0.9798	0.9796	0.0002
2024-02-26T10:17:54	2	0	34	33	1	0.9570	0.9577	0.0007	0.9311	0.9311	0.0000
2024-02-26T10:18:36	3	0	152	151	1	0.9226	0.9201	-0.0026	0.9529	0.9534	-0.0005
2024-02-26T10:19:02	4	0	14	12	2	1.0481	1.0470	-0.0011	0.9962	0.9961	0.0001
2024-02-26T10:20:32	2	0	17	15	2	1.0518	1.0511	-0.0007	0.9995	0.9995	0.0000
2024-02-26T10:20:47	1	0	2	2	0	1.0372	1.0367	-0.0006	-0.9893	-0.9888	-0.0005
2024-02-26T10:24:12	1	0	7	7	0	1.0421	1.0422	0.0001	0.9794	0.9794	0.0000
2024-02-26T10:24:27	3	0	32	31	1	1.0458	1.0449	-0.0009	0.9628	0.9668	-0.0040
2024-02-26T10:24:48	3	0	2	2	0	1.0487	1.0483	-0.0004	0.999	0.999	0.0000
2024-02-26T10:26:13	1	0	2	2	0	1.0484	1.0480	-0.0004	0.9861	0.985	0.0011
2024-02-26T10:29:25	1	0	28	28	0	1.0488	1.0488	0.0000	-0.9968	-0.9968	0.0000
2024-02-26T10:30:15	1	0	58	57	1	1.0497	1.0496	-0.0001	0.9906	0.9906	0.0000
2024-02-26T10:30:27	3	0	3	2	1	1.0411	1.0307	-0.0104	-0.9991	-0.9991	0.0000
2024-02-26T10:30:34	1	0	110	110	0	1.0515	1.0515	0.0000	-0.9817	-0.9818	0.0001
2024-02-26T10:31:02	1	0	26	24	2	1.0507	1.0511	0.0004	0.9782	0.9779	0.0003
2024-02-26T10:32:17	7	0	125	107	18	1.0570	1.0565	-0.0005	0.9998	0.9998	0.0000
2024-02-26T10:32:33	5	0	80	76	4	1.0543	1.0542	-0.0001	0.9789	0.9788	0.0001
2024-02-26T10:35:03	1	0	5	5	0	1.0301	1.0299	-0.0002	0.9761	0.9761	0.0000
2024-02-26T10:35:24	2	0	13	13	0	0.9616	0.9613	-0.0002	0.9962	0.9961	0.0001
2024-02-26T10:35:28	4	0	69	59	10	1.0562	1.0558	-0.0004	0.9655	0.965	0.0005
2024-02-26T10:35:38	2	0	18	18	0	1.0517	1.0515	-0.0002	0.9991	0.9991	0.0000
2024-02-26T10:35:44	3	0	13	10	3	1.0549	1.0543	-0.0006	-0.9773	-0.9788	0.0015
2024-02-26T10:36:56	1	0	1	0	1	0.9577	null	null	0.991	0.9794	0.0116
2024-02-26T10:37:17	4	0	29	28	1	1.0485	1.0486	0.0001	-0.996	-0.9961	0.0001
2024-02-26T10:38:25	1	0	126	125	1	1.0559	1.0559	0.0000	-0.9871	-0.987	-0.0001
2024-02-26T10:39:28	2	0	16	16	0	1.0444	1.0444	0.0000	0.9637	0.9636	0.0001
2024-02-26T10:39:49	1	0	2	2	0	1.0190	1.0190	0.0000	0.9404	0.9404	0.0000
2024-02-26T10:39:59	2	0	82	81	1	1.0499	1.0499	-0.0001	0.9983	0.9983	0.0000
2024-02-26T10:40:47	4	0	7	9	-2	0.9820	0.9733	-0.0088	-0.9911	-0.9917	0.0006
2024-02-26T10:41:06	1	0	50	46	4	1.0551	1.0548	-0.0003	0.9994	0.9994	0.0000
2024-02-26T10:41:47	1	0	1	1	0	1.0564	1.0555	-0.0009	0.9767	0.9765	0.0002
2024-02-26T10:42:44	4	0	177	164	13	1.0568	1.0569	0.0001	-0.9996	-0.9996	0.0000
2024-02-26T10:43:09	1	0	4	3	1	0.9423	0.9423	0.0000	0.9998	0.9998	0.0000
2024-02-26T10:43:24	1	0	2	2	0	1.0269	1.0265	-0.0003	0.9961	0.996	0.0001
2024-02-26T10:43:48	1	0	2	2	0	1.0461	1.0458	-0.0003	0.996	0.996	0.0000
2024-02-26T10:46:25	1	0	4	4	0	1.0134	1.0132	-0.0002	0.9882	0.9881	0.0001
2024-02-26T10:47:31	1	0	1	1	0	1.0565	1.0552	-0.0013	0.9728	0.9725	0.0003
2024-02-26T10:47:54	1	0	2	2	0	1.0379	1.0377	-0.0002	0.9901	0.9901	0.0000
2024-02-26T10:48:48	1	0	7	8	-1	0.9432	0.9432	0.0001	0.9998	0.9997	0.0001
2024-02-26T10:48:51	1	0	3	3	0	1.0418	1.0415	-0.0003	0.986	0.9859	0.0001
2024-02-26T10:49:47	1	0	1	1	0	1.0458	1.0453	-0.0005	0.9975	0.9971	0.0004
2024-02-26T10:49:57	1	0	11	11	0	1.0503	1.0500	-0.0002	0.9687	0.9672	0.0015
2024-02-26T10:50:44	2	0	19	19	0	1.0514	1.0511	-0.0002	0.9996	0.9995	0.0001
2024-02-26T10:50:57	1	0	7	7	0	1.0520	1.0518	-0.0002	-0.9853	-0.9869	0.0016
2024-02-26T10:52:45	7	0	3	3	0	1.0339	1.0328	-0.0011	0.9939	0.9934	0.0005
2024-02-26T10:52:49	1	0	19	19	0	1.0492	1.0492	0.0000	0.9787	0.9782	0.0005
2024-02-26T10:53:35	1	0	6	6	0	0.9726	0.9728	0.0002	0.9997	0.9997	0.0000
2024-02-26T10:54:29	1	0	77	77	0	1.0537	1.0537	0.0000	0.961	0.9639	-0.0029
2024-02-26T10:54:31	1	0	124	124	0	1.0572	1.0572	0.0000	0.9916	0.991	0.0006
2024-02-26T10:54:53	1	0	2	2	0	1.0308	1.0308	-0.0001	0.9806	0.9806	0.0000
2024-02-26T10:54:55	1	0	1	0	1	1.0378	null	null	-0.9883	-0.9883	0.0000
2024-02-26T10:55:48	4	0	3	2	1	0.9787	0.9905	0.0118	-0.9965	-0.9946	-0.0019
2024-02-26T10:56:50	2	0	41	38	3	0.9498	0.9501	0.0003	0.9779	0.9778	0.0001
2024-02-26T10:57:45	1	0	415	413	2	1.0693	1.0693	0.0000	-0.9996	-0.9996	0.0000
2024-02-26T10:57:49	2	0	42	41	1	1.0488	1.0486	-0.0002	-1	-1	0.0000
2024-02-26T10:58:08	1	0	2	2	0	1.0757	1.0754	-0.0003	0.9911	0.991	0.0001
2024-02-26T10:58:46	2	0	31	30	1	1.0492	1.0491	-0.0001	0.9935	0.9934	0.0001
2024-02-26T10:59:27	1	0	28	28	0	1.0486	1.0486	0.0000	-0.9961	-0.9961	0.0000
2024-02-26T10:59:31	1	0	6	6	0	1.0487	1.0486	-0.0001	-0.994	-0.9941	0.0001
2024-02-26T10:59:46	3	0	10	10	0	1.0413	1.0412	-0.0001	0.9952	0.9951	0.0001
2024-02-26T11:00:17	2	0	63	61	2	1.0499	1.0497	-0.0002	0.9908	0.9908	0.0000
2024-02-26T11:01:33	1	0	5	5	0	1.0158	1.0156	-0.0002	0.9866	0.9865	0.0001
2024-02-26T11:01:56	1	0	2	2	0	1.0378	1.0375	-0.0003	0.9958	0.9958	0.0000
2024-02-26T11:02:19	4	0	94	86	8	1.0570	1.0568	-0.0002	0.9999	0.9999	0.0000
2024-02-26T11:02:35	5	0	94	90	4	1.0550	1.0549	-0.0001	0.9782	0.9781	0.0001
2024-02-26T11:03:38	1	0	6	6	0	1.0470	1.0467	-0.0003	-0.9968	-0.9969	0.0001
2024-02-26T11:04:02	1	0	2	2	0	1.0350	1.0349	-0.0001	-0.9925	-0.9925	0.0000

2024-02-26T11:04:11	1	0	46	45	1	1.0588	1.0583	-0.0005	0.9956	0.9956	0.0000
2024-02-26T11:05:30	5	0	43	39	4	1.0573	1.0565	-0.0008	0.9591	0.9579	0.0012
2024-02-26T11:05:34	1	0	27	26	1	1.0532	1.0532	0.0000	1	1	0.0000
2024-02-26T11:05:50	2	0	19	19	0	1.0525	1.0523	-0.0002	0.9991	0.9991	0.0000
2024-02-26T11:06:25	2	0	5	5	0	1.0465	1.0465	0.0000	0.9978	0.9978	0.0000
2024-02-26T11:07:48	1	0	3	3	0	1.0482	1.0482	-0.0001	0.9996	0.9996	0.0000
2024-02-26T11:07:50	2	0	45	43	2	1.0532	1.0530	-0.0002	0.9786	0.9781	0.0005
2024-02-26T11:08:27	8	0	235	224	11	1.0598	1.0597	-0.0001	-0.9851	-0.9853	0.0002
2024-02-26T11:10:01	1	0	101	100	1	1.0510	1.0509	-0.0001	0.9982	0.9982	0.0000
2024-02-26T11:11:00	1	0	5	5	0	1.0352	1.0350	-0.0002	0.9955	0.9955	0.0000
2024-02-26T11:11:22	2	0	13	13	0	1.0353	1.0352	-0.0001	0.9953	0.9951	0.0002
2024-02-26T11:12:50	6	0	67	64	3	1.0513	1.0509	-0.0004	-1	-1	0.0000
2024-02-26T11:13:09	3	0	5	5	0	1.0503	1.0500	-0.0003	0.9895	0.9892	0.0003
2024-02-26T11:14:28	1	0	51	49	2	1.0524	1.0523	-0.0002	-0.9938	-0.9938	0.0000
2024-02-26T11:14:33	1	0	34	33	1	1.0554	1.0554	0.0000	0.9961	0.9962	-0.0001
2024-02-26T11:14:54	1	0	5	5	0	1.0446	1.0445	-0.0001	0.9795	0.9794	0.0001
2024-02-26T11:15:18	3	0	93	90	3	1.0503	1.0501	-0.0002	0.991	0.991	0.0000
2024-02-26T11:16:31	2	0	1	0	1	1.0310	null	null	0.9694	0.9688	0.0006
2024-02-26T11:16:42	4	0	8	8	0	1.0156	1.0154	-0.0002	0.988	0.9877	0.0003
2024-02-26T11:17:20	3	0	146	143	3	1.0588	1.0588	0.0000	1	1	0.0000
2024-02-26T11:17:36	2	0	189	184	5	1.0557	1.0557	0.0000	0.9782	0.9782	0.0000
2024-02-26T11:18:50	3	0	52	52	0	0.9310	0.9310	0.0000	0.9996	0.9995	0.0001
2024-02-26T11:20:12	1	0	5	5	0	1.0469	1.0469	0.0000	0.998	0.9979	0.0001
2024-02-26T11:20:36	1	0	24	23	1	1.0478	1.0478	-0.0001	-0.9963	-0.9963	0.0000
2024-02-26T11:20:57	3	0	25	24	1	1.0527	1.0523	-0.0004	0.9992	0.9992	0.0000
2024-02-26T11:23:16	5	0	5	5	0	1.0347	1.0344	-0.0003	0.9992	0.9992	0.0000
2024-02-26T11:23:43	1	0	120	118	2	1.0560	1.0559	0.0000	-0.9899	-0.9898	-0.0001
2024-02-26T11:24:16	1	0	23	22	1	1.0649	1.0649	0.0000	0.9828	0.9828	0.0000
2024-02-26T11:24:30	1	0	12	12	0	1.0536	1.0535	0.0000	-0.9766	-0.9774	0.0008
2024-02-26T11:28:12	1	0	2	2	0	1.0327	1.0327	0.0000	-0.999	-0.999	0.0000
2024-02-26T11:28:42	1	0	1	1	0	1.0267	1.0257	-0.0010	0.9915	0.9915	0.0000
2024-02-26T11:29:48	3	0	6	6	0	1.0406	1.0406	0.0000	0.9949	0.995	-0.0001
2024-02-26T11:30:22	2	0	4	4	0	1.0070	1.0062	-0.0009	0.9772	0.9769	0.0003
2024-02-26T11:30:38	1	0	3	2	1	1.0396	1.0292	-0.0104	0.9991	0.9991	0.0000
2024-02-26T11:30:38	1	0	73	73	0	1.0484	1.0484	0.0000	-0.9809	-0.982	0.0011
2024-02-26T11:31:49	2	0	258	254	4	1.0575	1.0574	-0.0001	0.9948	0.9949	-0.0001
2024-02-26T11:31:50	8	0	5	5	0	1.0187	1.0185	-0.0001	0.9861	0.986	0.0001
2024-02-26T11:32:13	2	0	17	17	0	1.0432	1.0431	-0.0001	0.9917	0.9916	0.0001
2024-02-26T11:32:39	1	0	1	1	0	1.0556	1.0551	-0.0005	0.9605	0.9627	-0.0022
2024-02-26T11:32:41	3	0	66	65	1	1.0535	1.0535	0.0000	0.9763	0.9763	0.0000
2024-02-26T11:34:00	1	0	8	8	0	1.0460	1.0459	-0.0001	-0.9972	-0.9972	0.0000
2024-02-26T11:34:53	4	0	6	6	0	1.0512	1.0512	0.0000	0.9784	0.9785	-0.0001
2024-02-26T11:35:06	2	0	15	15	0	1.0515	1.0515	-0.0001	0.9783	0.9778	0.0005
2024-02-26T11:35:13	1	0	8	8	0	1.0492	1.0492	0.0000	0.9981	0.9981	0.0000
2024-02-26T11:35:37	2	0	32	31	1	1.0487	1.0483	-0.0005	-0.9959	-0.9959	0.0000
2024-02-26T11:37:50	1	0	2	2	0	1.0510	1.0509	-0.0001	-0.999	-0.999	0.0000
2024-02-26T11:37:58	1	0	33	32	1	1.0520	1.0518	-0.0002	0.9786	0.9784	0.0002
2024-02-26T11:39:07	1	0	55	54	1	1.0592	1.0593	0.0001	0.989	0.991	-0.0020
2024-02-26T11:39:17	1	0	22	21	1	1.0643	1.0643	0.0000	0.9813	0.9813	0.0000
2024-02-26T11:39:34	1	0	18	17	1	1.0439	1.0432	-0.0007	0.9997	0.9997	0.0000
2024-02-26T11:40:57	2	0	1	1	0	1.0083	1.0080	-0.0003	0.9602	0.9553	0.0049
2024-02-26T11:41:28	1	0	12	11	1	1.0552	1.0548	-0.0004	-0.9496	-0.9496	0.0000
2024-02-26T11:41:35	1	0	50	47	3	1.0551	1.0546	-0.0006	0.9996	0.9996	0.0000
2024-02-26T11:42:46	1	0	1	1	0	1.0591	1.0591	0.0000	-0.9886	-0.9916	0.0030
2024-02-26T11:44:30	2	0	30	30	0	1.0489	1.0489	0.0000	-0.9928	-0.9929	0.0001
2024-02-26T11:44:49	3	0	6	6	0	1.0395	1.0395	0.0000	0.9954	0.9955	-0.0001
2024-02-26T11:46:48	1	0	1	1	0	1.0649	1.0648	-0.0001	-0.9999	-0.9999	0.0000
2024-02-26T11:47:00	7	0	7	8	-1	1.0170	1.0140	-0.0029	0.9851	0.9852	-0.0001
2024-02-26T11:49:19	2	0	41	41	0	1.0576	1.0575	0.0000	0.9962	0.9962	0.0000
2024-02-26T11:49:51	1	0	1	1	0	1.0438	1.0437	-0.0001	0.9778	0.9782	-0.0004
2024-02-26T11:50:09	2	0	14	14	0	1.0525	1.0524	0.0000	0.9772	0.977	0.0002
2024-02-26T11:50:14	1	0	8	8	0	1.0479	1.0480	0.0000	0.9977	0.9978	-0.0001
2024-02-26T11:50:14	3	0	5	6	-1	1.0481	1.0461	-0.0020	0.9731	0.9759	-0.0028
2024-02-26T11:50:29	5	0	12	10	2	1.0471	1.0468	-0.0003	0.9995	0.9994	0.0001
2024-02-26T11:50:35	2	0	3	4	-1	0.9625	0.9578	-0.0047	0.9943	0.994	0.0003
2024-02-26T11:51:05	2	0	22	22	0	1.0522	1.0521	-0.0001	0.9993	0.9999	-0.0006
2024-02-26T11:51:09	2	0	8	9	-1	1.0525	1.0519	-0.0007	-0.3686	-0.3843	0.0157
2024-02-26T11:52:09	3	0	1	3	-2	1.0313	1.0470	0.0157	0.988	0.9879	0.0001
2024-02-26T11:52:51	1	0	2	2	0	1.0552	1.0552	0.0000	-0.9993	-0.9993	0.0000
2024-02-26T11:54:57	1	0	3	3	0	1.0333	1.0333	0.0000	0.9808	0.9814	-0.0006
2024-02-26T11:54:59	1	0	2	2	0	1.0342	1.0342	0.0000	-0.9908	-0.9907	-0.0001
2024-02-26T11:56:42	2	0	78	77	1	1.0563	1.0561	-0.0002	0.9998	0.9997	0.0001
2024-02-26T11:59:50	3	0	6	6	0	1.0432	1.0432	0.0000	0.9963	0.9964	-0.0001
2024-02-26T12:00:24	2	0	1	1	0	1.0566	1.0566	0.0000	0.9831	0.9832	-0.0001
2024-02-26T12:00:40	1	0	72	72	0	1.0493	1.0493	0.0000	-0.9817	-0.9828	0.0011
2024-02-26T12:01:59	1	0	260	260	0	1.0578	1.0578	0.0000	0.9949	0.9949	0.0000
2024-02-26T12:03:58	2	0	12	11	1	1.0472	1.0464	-0.0007	0.9581	0.9581	0.0000
2024-02-26T12:04:26	1	0	39	39	0	1.0584	1.0584	0.0000	0.9955	0.9955	0.0000
2024-02-26T12:05:15	3	0	3	4	-1	1.0345	1.0349	0.0004	0.9745	0.972	0.0025
2024-02-26T12:05:30	6	0	27	26	1	1.0506	1.0503	-0.0003	-0.999	-0.9991	0.0001
2024-02-26T12:06:10	2	0	26	27	-1	1.0521	1.0521	-0.0001	0.9998	0.9998	0.0000
2024-02-26T12:07:52	1	0	1	1	0	1.0602	1.0602	0.0000	-0.9997	-0.9997	0.0000
2024-02-26T12:08:02	1	0	55	55	0	1.0550	1.0550	-0.0001	0.9806	0.9802	0.0004
2024-02-26T12:09:19	1	0	22	21	1	1.0547	1.0544	-0.0003	0.9828	0.9828	0.0000
2024-02-26T12:11:50	1	0	56	53	3	1.0553	1.0551	-0.0001	0.9998	0.9998	0.0000

2024-02-26T12:13:15	1	0	3	3	0	1.0322	1.0322	0.0000	0.9995	0.9995	0.0000
2024-02-26T12:16:02	1	0	72	70	2	1.0600	1.0601	0.0001	-0.9488	-0.9491	0.0003
2024-02-26T12:17:18	3	0	9	7	2	1.0515	1.0499	-0.0016	0.9981	0.9981	0.0000
2024-02-26T12:19:53	1	0	1	1	0	1.0436	1.0436	0.0000	0.9798	0.9801	-0.0003
2024-02-26T12:22:59	1	0	20	18	2	0.9669	0.9696	0.0027	-0.9983	-0.9982	-0.0001
2024-02-26T12:34:57	4	0	5	5	0	1.0521	1.0521	0.0000	0.9786	0.9791	-0.0005
2024-02-26T12:35:17	1	0	6	6	0	1.0489	1.0489	0.0000	0.9952	0.9952	0.0000
2024-02-26T12:38:06	1	0	103	104	-1	1.0566	1.0566	0.0000	0.98	0.9802	-0.0002
2024-02-26T12:45:27	2	0	3	3	0	1.0199	1.0199	0.0000	0.9787	0.9787	0.0000
2024-02-26T12:47:49	1	0	95	95	0	0.9139	0.9155	0.0016	0.9673	0.9676	-0.0003
2024-02-26T12:50:18	2	0	2	2	0	1.0341	1.0339	-0.0002	0.9666	0.9696	-0.0030
2024-02-26T12:51:16	2	0	9	10	-1	1.0543	1.0546	0.0003	-0.8893	-0.8959	0.0066
2024-02-26T12:53:08	2	0	125	108	17	1.0565	1.0562	-0.0003	0.9851	0.9844	0.0007
2024-02-26T12:54:22	1	0	22	23	-1	1.0618	1.0618	0.0000	0.9808	0.9808	0.0000
2024-02-26T12:55:01	1	0	5	7	-2	1.0408	1.0421	0.0013	0.9799	0.9799	0.0000
2024-02-26T12:56:33	2	0	18	18	0	1.0503	1.0502	-0.0001	-0.9407	-0.9406	-0.0001
2024-02-26T12:58:10	2	0	5	5	0	1.0414	1.0392	-0.0022	-0.9986	-0.9986	0.0000
2024-02-26T13:05:23	2	0	146	155	-9	0.9277	0.9335	0.0058	0.915	0.9148	0.0002
2024-02-26T13:05:23	2	0	117	122	-5	0.9296	0.9490	0.0194	-0.9998	-0.9997	-0.0001
2024-02-26T13:07:14	4	0	7	9	-2	1.0605	1.0596	-0.0009	0.987	0.9871	-0.0001
2024-02-26T13:07:21	1	0	2	2	0	1.0020	1.0018	-0.0002	0.985	0.9849	0.0001
2024-02-26T13:08:49	2	0	234	233	1	1.0599	1.0599	0.0000	-0.9851	-0.9851	0.0000
2024-02-26T13:14:36	1	0	45	45	0	1.0519	1.0519	-0.0001	-0.9879	-0.9879	0.0000
2024-02-26T13:22:22	1	0	1	1	0	1.0035	1.0032	-0.0003	0.9849	0.9851	-0.0002
2024-02-26T13:32:16	7	0	1	1	0	1.0137	1.0137	0.0000	0.9755	0.9757	-0.0002
2024-02-26T13:32:34	1	0	193	190	3	1.0556	1.0556	0.0000	0.9928	0.9929	-0.0001
2024-02-26T13:35:17	2	0	19	18	1	1.0544	1.0542	-0.0002	0.9881	0.9881	0.0000
2024-02-26T13:35:21	2	0	3	3	0	1.0303	1.0302	0.0000	0.9764	0.9739	0.0025
2024-02-26T13:36:00	1	0	6	6	0	1.0527	1.0526	-0.0001	-0.9998	-0.9998	0.0000
2024-02-26T13:36:22	1	0	10	10	0	1.0550	1.0549	-0.0001	-0.875	-0.869	-0.0060
2024-02-26T13:36:32	2	0	18	18	0	1.0513	1.0511	-0.0002	0.9999	0.9999	0.0000
2024-02-26T13:41:05	2	0	3	4	-1	1.0112	1.0101	-0.0012	0.9449	0.9451	-0.0002
2024-02-26T13:42:31	1	0	8	8	0	1.0480	1.0480	0.0000	0.9772	0.9772	0.0000
2024-02-26T13:45:31	3	0	5	5	0	1.0073	1.0072	-0.0001	0.9782	0.978	0.0002
2024-02-26T13:46:58	2	0	1	1	0	1.0566	1.0560	-0.0006	-0.9987	-0.9987	0.0000
2024-02-26T13:47:22	1	0	5	5	0	1.0330	1.0330	0.0000	0.9898	0.9899	-0.0001
2024-02-26T13:51:36	2	0	37	36	1	1.0495	1.0493	-0.0003	0.9996	0.9996	0.0000
2024-02-26T13:51:53	2	0	18	18	0	1.1208	1.1202	-0.0006	0.8569	0.8559	0.0010
2024-02-26T13:55:05	1	0	22	22	0	1.0477	1.0475	-0.0002	0.9804	0.9803	0.0001
2024-02-26T14:01:32	2	0	15	14	1	1.0468	1.0462	-0.0006	-0.999	-0.9991	0.0001
2024-02-26T14:02:54	1	0	95	95	0	0.9136	0.9138	0.0002	0.9672	0.9672	0.0000
2024-02-26T14:03:50	2	0	22	19	3	1.0490	1.0494	0.0004	-0.9915	-0.9957	0.0042
2024-02-26T14:04:22	1	0	1	1	0	1.0140	1.0136	-0.0004	0.9683	0.9682	0.0001
2024-02-26T14:05:21	2	0	19	18	1	1.0544	1.0541	-0.0003	0.9917	0.991	0.0007
2024-02-26T14:05:23	1	0	21	20	1	1.0549	1.0548	0.0000	0.9978	0.9952	0.0026
2024-02-26T14:05:23	2	0	2	2	0	1.0360	1.0356	-0.0004	0.9753	0.9726	0.0027
2024-02-26T14:05:58	3	0	7	8	-1	1.0534	1.0541	0.0006	-0.9992	-0.999	-0.0002
2024-02-26T14:06:03	1	0	34	33	1	1.0570	1.0569	-0.0001	-0.9997	-0.9988	-0.0009
2024-02-26T14:06:24	1	0	22	22	0	1.0572	1.0571	-0.0001	-0.6477	-0.649	0.0013
2024-02-26T14:06:39	2	0	27	26	1	1.0527	1.0525	-0.0002	-1	-1	0.0000
2024-02-26T14:07:18	1	0	9	9	0	1.0593	1.0591	-0.0002	0.9875	0.9875	0.0000
2024-02-26T14:07:31	4	0	22	23	-1	1.0485	1.0489	0.0004	-0.9906	-0.9905	-0.0001
2024-02-26T14:08:15	3	0	133	128	5	1.0568	1.0567	-0.0001	0.9822	0.9821	0.0001
2024-02-26T14:08:53	20	0	325	308	17	1.0631	1.0629	-0.0002	-0.9787	-0.9792	0.0005
2024-02-26T14:09:44	1	0	19	18	1	1.0458	1.0452	-0.0006	-0.9996	-0.9996	0.0000
2024-02-26T14:10:08	2	0	12	11	1	1.0497	1.0492	-0.0005	-0.9844	-0.9843	-0.0001
2024-02-26T14:11:11	3	0	7	7	0	1.0121	1.0120	-0.0002	0.9588	0.9474	0.0114
2024-02-26T14:12:08	1	0	1	0	1	1.0552	null	null	0.9941	0.9939	0.0002
2024-02-26T14:12:39	1	0	1	1	0	0.9866	0.9869	0.0003	-0.9734	-0.9732	-0.0002
2024-02-26T14:12:39	1	0	10	10	0	1.0296	1.0296	-0.0001	0.9606	0.9605	0.0001
2024-02-26T14:13:04	2	0	118	116	2	1.0524	1.0524	0.0000	-0.9993	-0.9993	0.0000
2024-02-26T14:14:18	2	0	8	8	0	1.0262	1.0261	-0.0001	0.9995	0.9995	0.0000
2024-02-26T14:14:46	2	0	104	105	-1	1.0540	1.0540	0.0000	-0.9816	-0.9817	0.0001
2024-02-26T14:15:30	3	0	140	137	3	1.0534	1.0533	-0.0001	0.987	0.987	0.0000
2024-02-26T14:15:33	3	0	6	6	0	1.0329	1.0328	-0.0002	0.9853	0.9851	0.0002
2024-02-26T14:15:54	1	0	216	216	0	1.0539	1.0539	0.0000	-0.9735	-0.9738	0.0003
2024-02-26T14:16:03	1	0	1	1	0	1.0387	1.0386	-0.0001	0.9918	0.9939	-0.0021
2024-02-26T14:16:57	2	0	1	0	1	1.0373	null	null	0.9826	0.9824	0.0002
2024-02-26T14:17:25	2	0	1	0	1	1.0136	null	null	0.9757	0.9757	0.0000
2024-02-26T14:17:56	1	0	260	260	0	1.0571	1.0571	0.0000	0.9951	0.9951	0.0000
2024-02-26T14:18:38	1	0	237	232	5	1.0600	1.0600	-0.0001	-0.9083	-0.9081	-0.0002
2024-02-26T14:18:51	2	0	21	21	0	1.0496	1.0496	-0.0001	-0.9885	-0.9887	0.0002
2024-02-26T14:20:08	4	0	14	14	0	1.0489	1.0488	-0.0001	0.981	0.9804	0.0006
2024-02-26T14:20:23	2	0	22	20	2	1.0544	1.0539	-0.0005	0.9934	0.9927	0.0007
2024-02-26T14:20:45	7	0	29	28	1	1.0511	1.0506	-0.0005	-0.9976	-0.9979	0.0003
2024-02-26T14:20:48	1	0	44	44	0	1.0501	1.0500	0.0000	-0.9924	-0.9924	0.0000
2024-02-26T14:21:06	2	0	1	1	0	1.0575	1.0568	-0.0007	0.9998	0.9998	0.0000
2024-02-26T14:21:25	2	0	24	23	1	1.0574	1.0572	-0.0002	-0.04172	-0.04113	-0.0006
2024-02-26T14:22:19	2	0	5	5	0	1.0618	1.0614	-0.0004	0.9874	0.9873	0.0001
2024-02-26T14:23:19	3	0	196	186	10	1.0580	1.0578	-0.0002	0.9825	0.982	0.0005
2024-02-26T14:24:06	9	0	281	273	8	1.0627	1.0626	-0.0001	-0.982	-0.9821	0.0001
2024-02-26T14:25:07	1	0	17	17	0	1.0462	1.0462	0.0000	0.9854	0.9854	0.0000
2024-02-26T14:25:38	3	0	4	4	0	1.0472	1.0467	-0.0005	-0.9981	-0.9985	0.0004
2024-02-26T14:26:12	2	0	5	5	0	1.0112	1.0112	-0.0001	0.9379	0.9377	0.0002
2024-02-26T14:26:29	1	0	4	4	0	1.0351	1.0345	-0.0007	0.9831	0.9816	0.0015

2024-02-26T14:26:32	1	0	272	272	0	1.0774	1.0774	0.0000	-0.9952	-0.9952	0.0000
2024-02-26T14:27:09	2	0	2	2	0	1.0554	1.0553	-0.0002	0.9944	0.9943	0.0001
2024-02-26T14:27:30	1	0	13	12	1	1.0501	1.0494	-0.0006	1	1	0.0000
2024-02-26T14:27:40	1	0	9	9	0	1.0299	1.0299	0.0000	0.9645	0.9645	0.0000
2024-02-26T14:27:40	3	0	1	1	0	0.9889	0.9896	0.0007	-0.9708	-0.9705	-0.0003
2024-02-26T14:29:00	3	0	56	55	1	1.0558	1.0558	0.0000	0.997	0.9946	0.0024
2024-02-26T14:29:03	3	0	7	8	-1	1.0395	1.0359	-0.0036	0.9973	0.997	0.0003
2024-02-26T14:29:19	2	0	8	8	0	1.0276	1.0276	0.0000	0.9993	0.9993	0.0000
2024-02-26T14:29:47	2	0	65	65	0	1.0533	1.0533	0.0000	-0.9862	-0.9863	0.0001
2024-02-26T14:30:31	4	0	165	158	7	1.0533	1.0531	-0.0002	0.9873	0.9872	0.0001
2024-02-26T14:30:34	2	0	4	4	0	1.0311	1.0308	-0.0003	0.9856	0.9854	0.0002
2024-02-26T14:30:55	1	0	270	270	0	1.0551	1.0551	0.0000	-0.9713	-0.9719	0.0006
2024-02-26T14:31:45	2	0	1	1	0	1.0298	1.0292	-0.0006	0.9699	0.969	0.0009
2024-02-26T14:32:12	1	0	5	4	1	1.0479	1.0482	0.0003	0.9982	0.9982	0.0000
2024-02-26T14:32:25	1	0	14	14	0	1.0432	1.0431	-0.0001	0.9919	0.9917	0.0002
2024-02-26T14:32:34	2	0	174	172	2	1.0590	1.0590	-0.0001	0.9995	0.9998	-0.0003
2024-02-26T14:32:40	3	0	2	2	0	1.0148	1.0145	-0.0004	0.975	0.9748	0.0002
2024-02-26T14:32:55	10	0	182	170	12	1.0559	1.0557	-0.0002	0.9766	0.9764	0.0002
2024-02-26T14:32:56	1	0	1	0	1	1.0565	null	null	0.969	0.9686	0.0004
2024-02-26T14:33:06	1	0	288	287	1	1.0585	1.0585	0.0001	0.9951	0.9951	0.0000
2024-02-26T14:33:39	1	0	250	250	0	1.0605	1.0605	0.0000	-0.8991	-0.8989	-0.0002
2024-02-26T14:33:52	2	0	20	20	0	1.0479	1.0478	-0.0001	-0.9845	-0.9845	0.0000
2024-02-26T14:34:13	1	0	1	1	0	1.0339	1.0339	0.0000	0.9998	0.9998	0.0000
2024-02-26T14:35:09	4	0	16	16	0	1.0485	1.0485	0.0000	0.9815	0.9814	0.0001
2024-02-26T14:35:25	2	0	2	2	0	1.0372	1.0369	-0.0003	0.9692	0.9691	0.0001
2024-02-26T14:35:26	2	0	19	18	1	1.0547	1.0544	-0.0004	0.9965	0.9959	0.0006
2024-02-26T14:35:44	2	0	276	271	5	1.0632	1.0631	-0.0002	0.9702	0.9695	0.0007
2024-02-26T14:35:54	2	0	45	45	0	1.0500	1.0499	0.0000	-0.9912	-0.9913	0.0001
2024-02-26T14:36:00	3	0	7	7	0	1.0523	1.0518	-0.0004	-0.9997	-0.9999	0.0002
2024-02-26T14:36:07	2	0	6	6	0	1.0497	1.0496	0.0000	1	1	0.0000
2024-02-26T14:36:28	2	0	10	10	0	1.0566	1.0565	-0.0002	-0.7335	-0.741	0.0075
2024-02-26T14:38:23	3	0	338	335	3	1.0594	1.0593	-0.0001	0.9858	0.9855	0.0003
2024-02-26T14:38:29	1	0	10	10	0	1.0373	1.0372	0.0000	0.9997	0.9998	-0.0001
2024-02-26T14:39:17	6	0	295	290	5	1.0625	1.0625	-0.0001	-0.98	-0.98	0.0000
2024-02-26T14:40:08	1	0	14	14	0	1.0460	1.0460	0.0000	0.9834	0.9834	0.0000
2024-02-26T14:40:42	3	0	3	4	-1	1.0412	1.0461	0.0050	-0.9981	-0.9982	0.0001
2024-02-26T14:41:13	2	0	7	7	0	1.0144	1.0143	0.0000	0.9539	0.9594	-0.0055
2024-02-26T14:42:38	1	0	13	12	1	1.0505	1.0500	-0.0005	1	1	0.0000
2024-02-26T14:42:41	1	0	10	10	0	1.0312	1.0312	0.0000	0.965	0.965	0.0000
2024-02-26T14:42:41	3	0	1	1	0	0.9883	0.9884	0.0001	-0.9845	-0.9845	0.0000
2024-02-26T14:43:00	1	0	206	207	-1	1.0569	1.0569	0.0000	0.9982	0.9981	0.0001
2024-02-26T14:44:01	1	0	69	68	1	1.0577	1.0576	0.0000	0.9989	0.9989	0.0000
2024-02-26T14:44:04	2	0	4	4	0	1.0324	1.0289	-0.0035	0.9969	0.9969	0.0000
2024-02-26T14:44:20	2	0	9	9	0	1.0270	1.0270	0.0000	0.9984	0.9984	0.0000
2024-02-26T14:44:59	2	0	156	155	1	1.0552	1.0552	0.0000	-0.9832	-0.9833	0.0001
2024-02-26T14:45:00	1	0	14	14	0	1.0497	1.0496	-0.0001	-0.9978	-0.9978	0.0000
2024-02-26T14:45:35	1	0	4	4	0	1.0293	1.0292	-0.0001	0.9872	0.9871	0.0001
2024-02-26T14:45:56	1	0	309	309	0	1.0556	1.0556	0.0000	-0.9701	-0.9709	0.0008
2024-02-26T14:47:57	1	0	1	1	0	1.0601	1.0596	-0.0005	0.9669	0.9667	0.0002
2024-02-26T14:48:14	1	0	9	8	1	1.0522	1.0506	-0.0016	0.9519	0.9515	0.0004
2024-02-26T14:49:25	1	0	1	1	0	1.0169	1.0167	-0.0002	0.971	0.9709	0.0001
2024-02-26T14:49:41	1	0	3	3	0	1.0341	1.0339	-0.0002	0.9849	0.9847	0.0002
2024-02-26T14:49:53	2	0	40	41	-1	1.0587	1.0587	0.0000	0.9927	0.9927	0.0000
2024-02-26T14:50:47	2	0	1	1	0	0.9435	0.9443	0.0008	0.9998	0.9999	-0.0001
2024-02-26T14:51:01	3	0	6	6	0	1.0507	1.0506	-0.0001	-0.9985	-0.9986	0.0001
2024-02-26T14:53:45	1	0	20	19	1	1.0457	1.0456	-0.0001	-0.998	-0.998	0.0000
2024-02-26T14:54:30	1	0	47	46	1	1.0700	1.0700	0.0000	0.9816	0.9816	0.0000
2024-02-26T14:56:31	1	0	5	5	0	1.0362	1.0362	0.0000	0.9892	0.9892	0.0000
2024-02-26T14:56:32	1	0	1	0	1	1.0258	null	null	0.9819	0.9816	0.0003
2024-02-26T14:57:06	1	0	1	1	0	1.0563	1.0558	-0.0005	0.9836	0.9835	0.0001
2024-02-26T14:57:11	1	0	1	1	0	1.0557	1.0556	-0.0001	0.9953	0.9953	0.0000
2024-02-26T14:58:58	2	0	3	3	0	1.0581	1.0579	-0.0002	-0.9963	-0.9964	0.0001
2024-02-26T14:59:57	2	0	3	3	0	1.0593	1.0587	-0.0006	0.9812	0.9811	0.0001
2024-02-26T15:00:01	2	0	7	7	0	1.0491	1.0489	-0.0002	-0.998	-0.998	0.0000
2024-02-26T15:00:36	2	0	4	4	0	1.0243	1.0243	0.0000	0.9869	0.9868	0.0001
2024-02-26T15:01:58	2	0	1	1	0	1.0263	1.0255	-0.0008	0.9994	0.9993	0.0001
2024-02-26T15:02:50	1	0	3	3	0	1.0132	1.0129	-0.0002	0.9748	0.9746	0.0002
2024-02-26T15:03:05	3	0	68	67	1	1.0544	1.0545	0.0001	-0.9956	-0.9945	-0.0011
2024-02-26T15:05:27	1	0	17	17	0	1.0555	1.0555	0.0000	0.9969	0.9939	0.0030
2024-02-26T15:06:41	1	0	5	5	0	1.0459	1.0459	0.0000	0.9973	0.9973	0.0000
2024-02-26T15:06:53	2	0	21	21	0	1.0510	1.0507	-0.0003	0.9992	0.9999	-0.0007
2024-02-26T15:08:29	1	0	152	152	0	1.0571	1.0570	-0.0001	0.9823	0.9819	0.0004
2024-02-26T15:11:16	1	0	15	16	-1	1.0411	1.0412	0.0001	0.9968	0.9968	0.0000
2024-02-26T15:21:59	2	0	5	5	0	1.0306	1.0306	-0.0001	0.8508	0.85	0.0008
2024-02-26T15:22:23	2	0	5	5	0	1.0553	1.0552	-0.0001	0.9847	0.9846	0.0001
2024-02-26T15:23:33	1	0	231	230	1	1.0577	1.0576	-0.0001	0.9873	0.987	0.0003
2024-02-26T15:28:28	1	0	1	1	0	0.9436	0.9441	0.0005	0.9826	0.9807	0.0019
2024-02-26T15:29:07	1	0	4	4	0	1.0376	1.0375	-0.0001	0.9967	0.9966	0.0001
2024-02-26T15:30:12	1	0	89	88	1	1.0534	1.0534	0.0000	-0.9828	-0.9828	0.0000
2024-02-26T15:31:02	1	0	1	1	0	1.0303	1.0300	-0.0003	0.997	0.997	0.0000
2024-02-26T15:41:17	1	0	5	5	0	1.0185	1.0185	-0.0001	0.9332	0.9399	-0.0067
2024-02-26T15:41:34	1	0	8	8	0	1.0400	1.0398	-0.0001	0.9888	0.9887	0.0001
2024-02-26T15:43:02	1	0	1	1	0	1.0456	1.0451	-0.0005	-0.9903	-0.9905	0.0002
2024-02-26T15:55:13	2	0	79	77	2	1.0535	1.0532	-0.0003	0.9768	0.9764	0.0004
2024-02-26T15:58:45	1	0	2	2	0	1.0315	1.0307	-0.0009	0.9882	0.988	0.0002

2024-02-26T16:00:31	2	0	126	128	-2	1.0547	1.0548	0.0000	-0.9781	-0.9782	0.0001
2024-02-26T16:07:33	1	0	3	3	0	1.0023	1.0021	-0.0002	0.9849	0.9849	0.0000
2024-02-26T16:08:41	1	0	53	53	0	1.0542	1.0541	-0.0001	0.9825	0.9821	0.0004
2024-02-26T16:22:18	3	0	1	1	0	1.0234	1.0224	-0.0010	0.989	0.9891	-0.0001
2024-02-26T16:23:45	1	0	121	121	0	1.0557	1.0557	-0.0001	0.9874	0.9871	0.0003
2024-02-26T16:32:49	2	0	3	3	0	1.0258	1.0256	-0.0002	0.9865	0.9865	0.0000
2024-02-26T16:38:48	1	0	57	53	4	1.0545	1.0543	-0.0002	0.9809	0.9805	0.0004
2024-02-26T16:52:20	2	0	2	0	2	1.0356	null	null	0.989	0.9891	-0.0001
2024-02-27T07:50:19	2	0	59	57	2	0.9423	0.9424	0.0000	0.9948	0.995	-0.0002
2024-02-27T07:51:53	1	0	153	153	0	0.9040	0.9041	0.0001	0.9767	0.9768	-0.0001
2024-02-27T07:54:21	2	0	307	148	159	0.9348	0.9359	0.0011	0.9446	0.945	-0.0004
2024-02-27T07:58:11	5	0	1080	812	268	1.0955	1.0886	-0.0068	0.9842	0.9311	0.0531
2024-02-27T08:03:29	1	0	149	149	0	0.9266	0.9266	0.0001	0.9625	0.9624	0.0001
2024-02-27T08:12:36	2	0	386	386	0	1.0638	1.0637	0.0000	-0.9998	-0.9998	0.0000
2024-02-27T08:15:10	2	0	250	250	0	0.9162	0.9162	0.0000	0.9346	0.9345	0.0001
2024-02-27T08:15:40	2	0	176	176	0	0.9193	0.9194	0.0001	0.975	0.9749	0.0001
2024-02-27T08:17:39	3	0	842	842	0	1.1186	1.1185	0.0000	-0.9979	-0.9979	0.0000
2024-02-27T08:17:52	1	0	221	212	9	1.0607	1.0605	-0.0002	0.963	0.9674	-0.0044
2024-02-27T08:31:39	1	0	276	276	0	1.0580	1.0580	0.0000	0.9949	0.995	-0.0001
2024-02-27T08:36:48	1	0	23	23	0	0.9383	0.9386	0.0003	-0.9937	-0.9934	-0.0003
2024-02-27T08:45:29	1	0	224	224	0	1.0543	1.0543	0.0000	-0.9653	-0.9654	0.0001
2024-02-27T08:56:45	2	0	46	46	0	1.0564	1.0564	-0.0001	-0.9998	-0.9998	0.0000
2024-02-27T09:01:18	1	0	13	13	0	1.0469	1.0469	0.0000	-0.9736	-0.9747	0.0011
2024-02-27T09:02:24	2	0	168	163	5	1.0557	1.0557	0.0000	0.9804	0.9804	0.0000
2024-02-27T09:03:33	1	0	144	143	1	0.9221	0.9221	0.0001	0.9607	0.9605	0.0002
2024-02-27T09:03:52	3	0	7	7	0	1.0441	1.0441	0.0000	-0.9847	-0.9847	0.0000
2024-02-27T09:05:24	2	0	16	12	4	0.9423	0.9422	-0.0001	0.9955	0.9958	-0.0003
2024-02-27T09:05:27	1	0	53	53	0	1.0558	1.0558	0.0000	-0.9995	-0.9997	0.0002
2024-02-27T09:06:50	1	0	2	2	0	0.9410	0.9415	0.0005	-0.9863	-0.9857	-0.0006
2024-02-27T09:06:58	1	0	97	96	1	0.9216	0.9216	0.0000	0.9729	0.9729	0.0000
2024-02-27T09:09:25	2	0	8	8	0	1.0482	1.0480	-0.0003	0.9804	0.9801	0.0003
2024-02-27T09:11:46	1	0	76	76	0	1.0598	1.0598	0.0000	-0.9992	-0.9992	0.0000
2024-02-27T09:12:40	3	0	460	459	1	1.0684	1.0683	-0.0001	-0.999	-0.9991	0.0001
2024-02-27T09:15:31	1	0	257	257	0	1.0552	1.0551	0.0000	-0.9672	-0.9677	0.0005
2024-02-27T09:16:51	1	0	4	4	0	1.0345	1.0345	0.0000	0.9969	0.9969	0.0000
2024-02-27T09:18:34	3	0	148	148	0	0.9219	0.9223	0.0003	0.9554	0.9555	-0.0001
2024-02-27T09:18:43	1	0	197	191	6	0.9079	0.9083	0.0004	0.9894	0.9894	0.0000
2024-02-27T09:20:22	5	0	44	37	7	1.0550	1.0548	-0.0002	0.9657	0.9654	0.0003
2024-02-27T09:20:44	1	0	3	3	0	1.0355	1.0353	-0.0001	-0.9933	-0.9931	-0.0002
2024-02-27T09:25:43	1	0	4	4	0	0.9717	0.9715	-0.0003	-0.9954	-0.9953	-0.0001
2024-02-27T09:28:26	1	0	3	3	0	1.0262	1.0262	0.0000	0.9976	0.9975	0.0001
2024-02-27T09:28:41	1	0	29	28	1	1.0503	1.0503	0.0000	0.9953	0.9925	0.0028
2024-02-27T09:29:29	3	0	38	30	8	1.0527	1.0523	-0.0004	0.9973	0.9973	0.0000
2024-02-27T09:30:15	1	0	3	3	0	1.0115	1.0111	-0.0004	0.9879	0.9878	0.0001
2024-02-27T09:31:52	1	0	2	2	0	1.0352	1.0350	-0.0001	0.9966	0.9966	0.0000
2024-02-27T09:35:29	7	0	56	51	5	1.0545	1.0542	-0.0004	-0.9985	-0.9986	0.0001
2024-02-27T09:35:36	1	0	96	95	1	1.0603	1.0602	-0.0001	0.9977	-0.9983	-0.0040
2024-02-27T09:37:47	2	0	27	26	1	1.0519	1.0516	-0.0003	0.9728	0.9724	0.0004
2024-02-27T09:40:47	1	0	6	6	0	1.0140	1.0138	-0.0002	0.9608	0.9605	0.0003
2024-02-27T09:42:14	1	0	11	11	0	1.0487	1.0487	0.0000	0.9969	0.9969	0.0000
2024-02-27T09:43:07	1	0	17	16	1	0.9401	0.9401	0.0001	0.9953	0.9953	0.0000
2024-02-27T09:43:46	1	0	2	1	1	1.0283	1.0278	-0.0005	0.9973	0.9971	0.0002
2024-02-27T09:44:08	1	0	2	2	0	1.0502	1.0500	-0.0002	-0.9963	-0.9963	0.0000
2024-02-27T09:45:16	2	0	3	3	0	1.0112	1.0110	-0.0001	0.9845	0.9844	0.0001
2024-02-27T09:45:46	1	0	1	1	0	0.9719	0.9726	0.0007	0.9914	0.9913	0.0001
2024-02-27T09:45:53	1	0	14	14	0	1.0471	1.0470	-0.0001	0.9788	0.9786	0.0002
2024-02-27T09:46:09	3	0	6	6	0	1.0151	1.0150	-0.0002	0.9902	0.9901	0.0001
2024-02-27T09:47:27	3	0	178	169	9	1.0556	1.0555	-0.0001	0.9787	0.9786	0.0001
2024-02-27T09:49:53	1	0	14	13	1	1.0500	1.0504	0.0003	0.9857	0.9853	0.0004
2024-02-27T09:50:24	2	0	218	215	3	1.0609	1.0609	0.0000	0.9659	0.9657	0.0002
2024-02-27T09:50:34	2	0	20	20	0	1.0472	1.0471	0.0000	-0.9958	-0.9959	0.0001
2024-02-27T09:50:55	1	0	8	8	0	1.0505	1.0503	-0.0002	-0.3453	-0.3507	0.0054
2024-02-27T09:51:34	1	0	1	1	0	1.0598	1.0588	-0.0010	1	1	0.0000
2024-02-27T09:53:11	1	0	7	7	0	1.0348	1.0348	0.0000	0.9989	0.9989	0.0000
2024-02-27T09:54:03	1	0	2	2	0	1.0353	1.0350	-0.0002	0.9983	0.9983	0.0000
2024-02-27T09:55:17	2	0	60	58	2	1.0529	1.0529	0.0000	0.9995	0.9995	0.0000
2024-02-27T09:58:23	2	0	2	2	0	1.0049	1.0046	-0.0003	-0.9966	-0.996	-0.0006
2024-02-27T09:59:04	2	0	7	7	0	1.0212	1.0211	-0.0001	0.9962	0.9962	0.0000
2024-02-27T09:59:31	3	0	26	26	0	1.0519	1.0518	-0.0001	0.997	0.997	0.0000
2024-02-27T10:00:15	1	0	98	97	1	1.0491	1.0490	-0.0001	0.9971	0.9971	0.0000
2024-02-27T10:00:49	1	0	2	3	-1	1.0316	1.0296	-0.0020	0.9148	0.9139	0.0009
2024-02-27T10:01:32	1	0	5	5	0	1.0412	1.0411	-0.0001	0.9887	0.9884	0.0003
2024-02-27T10:01:54	1	0	3	3	0	1.0350	1.0349	-0.0001	0.9968	0.9968	0.0000
2024-02-27T10:02:58	2	0	86	81	5	0.9503	0.9506	0.0003	0.9421	0.9421	0.0000
2024-02-27T10:03:37	1	0	1	1	0	0.9221	0.9224	0.0003	0.9996	0.9996	0.0000
2024-02-27T10:04:03	1	0	41	41	0	1.0520	1.0519	-0.0001	0.9937	0.9937	0.0000
2024-02-27T10:05:03	2	0	2	2	0	1.0366	1.0361	-0.0005	0.969	0.9689	0.0001
2024-02-27T10:05:31	2	0	34	30	4	1.0550	1.0547	-0.0003	1	1	0.0000
2024-02-27T10:05:35	1	0	24	24	0	1.0469	1.0468	-0.0001	-0.9961	-0.9961	0.0000
2024-02-27T10:07:02	2	0	80	80	0	0.9263	0.9264	0.0000	0.9741	0.9745	-0.0004
2024-02-27T10:07:54	1	0	32	32	0	1.0516	1.0515	-0.0001	0.9739	0.9738	0.0001
2024-02-27T10:09:48	8	0	4	3	1	1.0485	1.0480	-0.0005	0.9999	0.9999	0.0000
2024-02-27T10:10:46	1	0	2	2	0	0.9926	0.9924	-0.0002	-0.9936	-0.9935	-0.0001
2024-02-27T10:14:51	1	0	17	16	1	1.0528	1.0526	-0.0003	0.9672	0.9671	0.0001
2024-02-27T10:15:22	3	0	1	0	1	1.0576	null	null	0.9896	0.9896	0.0000

2024-02-27T10:16:11	2	0	4	4	0	1.0147	1.0145	-0.0003	0.9905	0.9904	0.0001
2024-02-27T10:16:33	1	0	6	6	0	1.0396	1.0395	0.0000	0.9893	0.989	0.0003
2024-02-27T10:17:26	2	0	2	2	0	1.0246	1.0241	-0.0005	0.9747	0.9746	0.0001
2024-02-27T10:17:29	3	0	126	123	3	1.0550	1.0550	0.0000	0.9798	0.9797	0.0001
2024-02-27T10:18:47	3	0	1	0	1	1.0388	null	null	0.9984	0.9984	0.0000
2024-02-27T10:19:05	3	0	86	76	10	1.0557	1.0552	-0.0005	0.995	0.9949	0.0001
2024-02-27T10:19:47	1	0	1	0	1	1.0453	null	null	0.9866	0.986	0.0006
2024-02-27T10:20:21	5	0	2	3	-1	1.0320	1.0296	-0.0024	0.9994	0.9993	0.0001
2024-02-27T10:20:32	2	0	23	23	0	1.0519	1.0519	0.0000	1	1	0.0000
2024-02-27T10:25:19	7	0	68	66	2	1.0546	1.0543	-0.0003	0.9982	0.9981	0.0001
2024-02-27T10:27:26	1	0	4	4	0	1.0123	1.0122	-0.0001	0.9637	0.9635	0.0002
2024-02-27T10:30:23	1	0	2	1	1	1.0435	1.0284	-0.0152	0.988	0.9875	0.0005
2024-02-27T10:31:07	1	0	23	21	2	1.0496	1.0499	0.0004	0.9554	0.955	0.0004
2024-02-27T10:31:20	2	0	5	5	0	1.0153	1.0152	-0.0001	0.9781	0.9779	0.0002
2024-02-27T10:31:52	1	0	6	4	2	1.0473	1.0456	-0.0017	0.9975	0.9975	0.0000
2024-02-27T10:32:30	2	0	161	160	1	1.0554	1.0554	0.0000	0.9799	0.9798	0.0001
2024-02-27T10:32:48	2	0	58	58	0	1.0547	1.0547	0.0000	-0.997	-0.9972	0.0002
2024-02-27T10:33:48	4	0	1	0	1	1.0372	null	null	0.9983	0.9981	0.0002
2024-02-27T10:34:11	1	0	1	1	0	1.0168	1.0163	-0.0005	0.9719	0.9717	0.0002
2024-02-27T10:34:54	2	0	5	5	0	1.0381	1.0379	-0.0002	0.9701	0.9698	0.0003
2024-02-27T10:35:47	3	0	6	6	0	1.0527	1.0520	-0.0007	-0.998	-0.9984	0.0004
2024-02-27T10:35:49	1	0	2	2	0	1.0327	1.0319	-0.0008	-0.9971	-0.9959	-0.0012
2024-02-27T10:35:58	1	0	8	8	0	1.0509	1.0508	-0.0002	0.9824	0.9856	-0.0032
2024-02-27T10:36:58	2	0	36	28	8	1.0606	1.0599	-0.0007	0.9865	0.9862	0.0003
2024-02-27T10:37:21	4	0	17	16	1	1.0475	1.0466	-0.0009	-0.9942	-0.9943	0.0001
2024-02-27T10:38:02	2	0	55	54	1	1.0543	1.0542	-0.0001	0.9731	0.9729	0.0002
2024-02-27T10:39:58	1	0	9	9	0	1.0440	1.0439	-0.0001	-0.9902	-0.9902	0.0000
2024-02-27T10:40:01	1	0	45	45	0	1.0478	1.0478	0.0000	0.995	0.995	0.0000
2024-02-27T10:40:20	1	0	119	118	1	1.0565	1.0565	0.0000	0.9989	0.999	-0.0001
2024-02-27T10:40:34	1	0	13	12	1	1.0503	1.0497	-0.0006	0.9977	0.9976	0.0001
2024-02-27T10:42:25	3	0	1	1	0	0.9859	0.9869	0.0010	-0.9989	-0.9988	-0.0001
2024-02-27T10:42:38	2	0	1	1	0	1.0444	1.0438	-0.0006	-0.9984	-0.9985	0.0001
2024-02-27T10:43:46	1	0	35	34	1	1.0528	1.0528	0.0000	0.9957	0.9957	0.0000
2024-02-27T10:43:51	1	0	4	4	0	1.0304	1.0302	-0.0002	0.9971	0.997	0.0001
2024-02-27T10:44:12	3	0	4	4	0	1.0505	1.0501	-0.0005	-0.9928	-0.9933	0.0005
2024-02-27T10:44:31	2	0	65	63	2	1.0526	1.0524	-0.0002	-0.9869	-0.987	0.0001
2024-02-27T10:45:18	3	0	115	113	2	1.0515	1.0514	-0.0001	0.9964	0.9964	0.0000
2024-02-27T10:45:20	1	0	3	3	0	0.9933	0.9931	-0.0002	0.984	0.9838	0.0002
2024-02-27T10:47:31	2	0	254	253	1	1.0560	1.0560	0.0000	0.9807	0.9807	0.0000
2024-02-27T10:47:32	1	0	1	0	1	1.0563	null	null	0.9691	0.9687	0.0004
2024-02-27T10:48:40	1	0	20	18	2	1.0520	1.0508	-0.0012	-0.9566	-0.9635	0.0069
2024-02-27T10:48:53	2	0	1	1	0	1.0172	1.0167	-0.0005	0.966	0.9652	0.0008
2024-02-27T10:48:59	1	0	1	1	0	1.0321	1.0318	-0.0003	-0.9989	-0.9989	0.0000
2024-02-27T10:49:53	4	0	15	14	1	1.0483	1.0484	0.0001	0.9795	0.9788	0.0007
2024-02-27T10:49:59	1	0	18	18	0	1.0525	1.0524	-0.0001	0.9882	0.987	0.0012
2024-02-27T10:50:08	1	0	4	4	0	1.0439	1.0439	-0.0001	0.9915	0.9913	0.0002
2024-02-27T10:50:38	1	0	37	37	0	1.0472	1.0472	0.0000	-0.9957	-0.9957	0.0000
2024-02-27T10:53:06	1	0	97	91	6	1.0553	1.0551	-0.0001	0.9723	0.972	0.0003
2024-02-27T10:54:32	1	0	119	119	0	1.0568	1.0568	0.0000	0.9875	0.9866	0.0009
2024-02-27T10:54:56	1	0	3	3	0	1.0357	1.0356	-0.0001	0.9653	0.9656	-0.0003
2024-02-27T10:55:21	4	0	78	77	1	1.0552	1.0551	-0.0001	0.9981	0.998	0.0001
2024-02-27T10:56:01	2	0	8	8	0	1.0300	1.0299	-0.0001	0.9821	0.9819	0.0002
2024-02-27T10:56:51	2	0	17	15	2	0.9620	0.9647	0.0027	0.9799	0.9798	0.0001
2024-02-27T10:58:41	1	0	17	17	0	1.0465	1.0464	-0.0001	-1	-1	0.0000
2024-02-27T11:01:29	1	0	2	2	0	1.0118	1.0115	-0.0003	0.9782	0.978	0.0002
2024-02-27T11:01:34	2	0	1	1	0	1.0264	1.0258	-0.0006	0.9641	0.9632	0.0009
2024-02-27T11:03:53	1	0	475	474	1	1.0587	1.0587	0.0000	-0.9857	-0.9855	-0.0002
2024-02-27T11:04:05	1	0	1	1	0	1.0402	1.0399	-0.0003	-0.9874	-0.9874	0.0000
2024-02-27T11:06:44	2	0	16	16	0	0.9177	0.9187	0.0010	0.8476	0.8494	-0.0018
2024-02-27T11:08:17	1	0	80	79	1	1.0533	1.0533	0.0000	-0.9969	-0.9968	-0.0001
2024-02-27T11:11:23	1	0	3	3	0	1.0301	1.0298	-0.0003	0.9823	0.9819	0.0004
2024-02-27T11:11:27	2	0	22	21	1	1.0415	1.0415	0.0000	0.9965	0.9964	0.0001
2024-02-27T11:11:52	1	0	9	8	1	0.9808	0.9844	0.0036	0.9784	0.9768	0.0016
2024-02-27T11:13:48	2	0	64	61	3	1.0531	1.0531	-0.0001	0.996	0.9959	0.0001
2024-02-27T11:14:40	1	0	80	78	2	1.0537	1.0536	-0.0001	-0.9855	-0.9857	0.0002
2024-02-27T11:15:20	1	0	110	108	2	1.0510	1.0509	-0.0001	0.9961	0.9961	0.0000
2024-02-27T11:16:36	1	0	16	15	1	1.0513	1.0510	-0.0003	0.993	0.993	0.0000
2024-02-27T11:17:13	1	0	14	14	0	1.0413	1.0413	-0.0001	0.9883	0.9881	0.0002
2024-02-27T11:17:51	1	0	70	69	1	1.0552	1.0552	0.0000	-0.9961	-0.996	-0.0001
2024-02-27T11:18:53	2	0	16	12	4	1.0555	1.0555	0.0000	0.9982	0.9981	0.0001
2024-02-27T11:18:54	1	0	572	570	2	1.0592	1.0592	0.0000	-0.9855	-0.9854	-0.0001
2024-02-27T11:20:47	1	0	56	54	2	1.0199	1.0197	-0.0002	-0.9993	-0.9993	0.0000
2024-02-27T11:20:56	2	0	1	0	1	1.0555	null	null	0.9981	0.998	0.0001
2024-02-27T11:22:40	1	0	1	1	0	1.0561	1.0558	-0.0003	0.9944	0.9943	0.0001
2024-02-27T11:23:00	1	0	48	44	4	1.0295	1.0269	-0.0026	-0.9961	-0.9962	0.0001
2024-02-27T11:23:23	1	0	7	7	0	1.0459	1.0457	-0.0002	0.9995	0.9995	0.0000
2024-02-27T11:25:23	1	0	70	69	1	1.0553	1.0553	-0.0001	0.9975	0.9975	0.0000
2024-02-27T11:25:51	1	0	1	1	0	1.0302	1.0299	-0.0003	-0.9927	-0.9926	-0.0001
2024-02-27T11:28:13	1	0	2	2	0	1.0656	1.0655	-0.0002	0.9649	0.9646	0.0003
2024-02-27T11:28:49	2	0	81	80	1	1.0562	1.0562	-0.0001	0.9985	0.9996	-0.0011
2024-02-27T11:29:09	2	0	2	2	0	1.0260	1.0259	-0.0002	0.984	0.9839	0.0001
2024-02-27T11:29:48	2	0	98	89	9	1.0540	1.0539	-0.0001	-0.9856	-0.9857	0.0001
2024-02-27T11:30:53	5	0	1	0	1	1.0565	null	null	0.9925	0.9922	0.0003
2024-02-27T11:31:28	1	0	5	5	0	1.0445	1.0445	0.0000	-0.9962	-0.9962	0.0000
2024-02-27T11:31:43	8	0	3	3	0	1.0135	1.0135	0.0000	0.9777	0.9777	0.0000

2024-02-27T11:32:52	4	0	101	101	0	1.0562	1.0562	0.0000	-0.9963	-0.995	-0.0013
2024-02-27T11:33:12	1	0	4	3	1	1.0493	1.0467	-0.0026	0.9464	0.9463	0.0001
2024-02-27T11:33:55	1	0	662	660	2	1.0614	1.0613	0.0000	-0.9858	-0.9857	-0.0001
2024-02-27T11:34:00	2	0	25	24	1	1.0566	1.0566	0.0000	0.9985	0.9985	0.0000
2024-02-27T11:34:01	1	0	286	40	246	1.0689	1.0568	-0.0121	0.9811	0.9686	0.0125
2024-02-27T11:35:08	2	0	20	19	1	1.0537	1.0535	-0.0002	0.9787	0.9783	0.0004
2024-02-27T11:38:01	1	0	50	48	2	1.0474	1.0468	-0.0006	-0.995	-0.995	0.0000
2024-02-27T11:39:54	7	0	3	4	-1	1.0512	1.0502	-0.0011	0.9998	0.9999	-0.0001
2024-02-27T11:40:02	2	0	15	13	2	1.0480	1.0480	-0.0001	-0.9885	-0.9884	-0.0001
2024-02-27T11:41:07	1	0	4	4	0	1.0499	1.0499	0.0000	0.9985	0.9985	0.0000
2024-02-27T11:43:14	2	0	6	6	0	1.0417	1.0417	-0.0001	0.9798	0.9797	0.0001
2024-02-27T11:43:50	2	0	74	72	2	1.0571	1.0571	0.0000	0.9984	0.9995	-0.0011
2024-02-27T11:43:54	2	0	4	5	-1	1.0361	1.0359	-0.0002	0.9973	0.9973	0.0000
2024-02-27T11:45:24	4	0	7	8	-1	0.9881	0.9967	0.0085	0.9797	0.9798	-0.0001
2024-02-27T11:45:37	1	0	2	2	0	1.0290	1.0290	0.0000	0.9883	0.9882	0.0001
2024-02-27T11:46:29	1	0	3	3	0	1.0391	1.0391	0.0000	-0.9957	-0.9957	0.0000
2024-02-27T11:46:50	8	0	2	2	0	1.0173	1.0172	-0.0001	0.978	0.9781	-0.0001
2024-02-27T11:46:57	1	0	1	2	-1	1.0578	1.0515	-0.0063	0.9966	0.9959	0.0007
2024-02-27T11:49:06	2	0	36	35	1	1.0587	1.0587	0.0000	0.9987	0.9987	0.0000
2024-02-27T11:50:10	2	0	28	27	1	1.0561	1.0560	-0.0001	0.9912	0.9911	0.0001
2024-02-27T11:50:32	7	0	7	8	-1	1.0493	1.0483	-0.0010	0.8511	0.8523	-0.0012
2024-02-27T11:52:09	3	0	4	5	-1	0.9232	0.9456	0.0223	0.9842	0.9833	0.0009
2024-02-27T11:54:36	1	0	19	18	1	1.0475	1.0469	-0.0006	0.9999	0.9999	0.0000
2024-02-27T11:54:59	1	0	2	4	-2	1.0533	1.0495	-0.0038	0.9998	0.9998	0.0000
2024-02-27T11:55:03	1	0	10	10	0	1.0474	1.0474	0.0000	-0.9869	-0.9868	-0.0001
2024-02-27T11:56:07	1	0	4	4	0	1.0504	1.0504	0.0000	0.9982	0.9982	0.0000
2024-02-27T11:58:51	2	0	92	87	5	1.0572	1.0571	-0.0002	0.9974	0.999	-0.0016
2024-02-27T12:00:23	1	0	107	107	0	1.0507	1.0507	0.0000	0.9961	0.9961	0.0000
2024-02-27T12:00:55	2	0	2	2	0	1.0435	1.0435	-0.0001	0.9951	0.995	0.0001
2024-02-27T12:04:03	1	0	327	102	225	1.0647	1.0637	-0.0010	0.9971	0.9813	0.0158
2024-02-27T12:04:11	1	0	34	34	0	1.0577	1.0577	0.0000	0.9988	0.9988	0.0000
2024-02-27T12:04:45	2	0	11	10	1	1.0479	1.0472	-0.0008	-0.9777	-0.9776	-0.0001
2024-02-27T12:04:54	1	0	1	1	0	1.0444	1.0443	-0.0001	0.9843	0.9847	-0.0004
2024-02-27T12:05:11	2	0	27	27	0	1.0562	1.0561	-0.0001	0.9855	0.9856	-0.0001
2024-02-27T12:10:00	7	0	2	4	-2	1.0534	1.0500	-0.0035	0.9999	0.9999	0.0000
2024-02-27T12:10:05	1	0	4	4	0	1.0475	1.0475	0.0000	-0.9911	-0.9911	0.0000
2024-02-27T12:11:08	1	0	3	3	0	1.0492	1.0492	0.0000	0.998	0.998	0.0000
2024-02-27T12:13:56	2	0	2	3	-1	1.0268	1.0372	0.0103	0.9974	0.9975	-0.0001
2024-02-27T12:25:55	3	0	2	2	0	0.9647	0.9650	0.0003	-0.9926	-0.9919	-0.0007
2024-02-27T12:27:56	5	0	44	41	3	1.0491	1.0488	-0.0003	-0.9994	-0.9994	0.0000
2024-02-27T12:30:27	4	0	4	2	2	1.0255	1.0341	0.0086	0.983	0.9831	-0.0001
2024-02-27T12:31:14	1	0	26	26	0	1.0507	1.0507	0.0000	0.9534	0.9537	-0.0003
2024-02-27T12:32:56	2	0	25	25	0	1.0524	1.0524	0.0000	-0.9959	-0.9948	-0.0011
2024-02-27T12:37:12	3	0	4	5	-1	0.9219	0.9264	0.0045	0.9868	0.9869	-0.0001
2024-02-27T12:47:01	1	0	6	7	-1	1.0481	1.0478	-0.0003	0.9967	0.9967	0.0000
2024-02-27T12:55:07	1	0	2	2	0	1.0385	1.0385	0.0000	-0.9884	-0.9883	-0.0001
2024-02-27T12:55:57	1	0	1	1	0	1.0357	1.0344	-0.0013	-0.9921	-0.992	-0.0001
2024-02-27T13:03:09	1	0	1	0	1	1.0313	null	null	0.9956	0.9955	0.0001
2024-02-27T13:12:55	1	0	3	2	1	1.0568	1.0559	-0.0009	-0.9909	-0.986	-0.0049
2024-02-27T13:23:05	1	0	103	100	3	1.0580	1.0580	0.0000	0.9655	0.9655	0.0000
2024-02-27T13:25:12	2	0	20	19	1	1.0460	1.0455	-0.0005	0.9946	0.9945	0.0001
2024-02-27T13:38:27	8	0	113	106	7	1.0566	1.0564	-0.0002	-0.9945	-0.9945	0.0000
2024-02-27T13:53:10	1	0	4	4	0	1.0503	1.0500	-0.0003	0.9921	0.9921	0.0000
2024-02-27T14:00:10	1	0	43	42	1	1.0518	1.0517	-0.0001	-0.9827	-0.9827	0.0000
2024-02-27T14:03:22	3	0	6	4	2	1.0510	1.0485	-0.0025	0.9456	0.9448	0.0008
2024-02-27T14:04:53	2	0	5	5	0	1.0437	1.0434	-0.0003	-0.9724	-0.9726	0.0002
2024-02-27T14:05:08	4	0	10	11	-1	1.0496	1.0492	-0.0004	0.9844	0.9847	-0.0003
2024-02-27T14:05:20	1	0	17	16	1	1.0540	1.0535	-0.0004	0.9973	0.997	0.0003
2024-02-27T14:07:09	11	0	1	1	0	1.0195	1.0166	-0.0029	0.987	0.9869	0.0001
2024-02-27T14:07:18	1	0	62	61	1	0.9283	0.9285	0.0002	0.9778	0.9779	-0.0001
2024-02-27T14:07:35	4	0	1	1	0	1.0457	1.0457	0.0000	-0.9974	-0.9974	0.0000
2024-02-27T14:08:28	2	0	24	26	-2	1.0515	1.0512	-0.0003	0.973	0.9731	-0.0001
2024-02-27T14:09:23	1	0	2	2	0	1.0473	1.0473	0.0000	0.9989	0.9989	0.0000
2024-02-27T14:10:14	2	0	2	2	0	1.0519	1.0518	-0.0002	-0.9999	-0.9999	0.0000
2024-02-27T14:11:14	1	0	3	3	0	1.0282	1.0282	0.0000	0.9825	0.9825	0.0000
2024-02-27T14:14:00	1	0	30	30	0	1.0467	1.0467	0.0000	0.9941	0.994	0.0001
2024-02-27T14:15:18	3	0	47	46	1	1.0519	1.0518	-0.0001	-0.9815	-0.9814	-0.0001
2024-02-27T14:16:21	1	0	20	19	1	1.0488	1.0490	0.0002	0.972	0.9719	0.0001
2024-02-27T14:16:49	2	0	1	1	0	1.0428	1.0428	0.0000	0.988	0.9878	0.0002
2024-02-27T14:17:07	1	0	5	5	0	1.0485	1.0483	-0.0002	0.9977	0.9977	0.0000
2024-02-27T14:17:10	3	0	3	3	0	1.0115	1.0113	-0.0002	0.9791	0.979	0.0001
2024-02-27T14:19:12	1	0	11	10	1	1.0512	1.0505	-0.0007	0.974	0.9739	0.0001
2024-02-27T14:20:09	4	0	12	12	0	1.0487	1.0487	0.0000	0.9845	0.9843	0.0002
2024-02-27T14:20:21	2	0	17	16	1	1.0542	1.0537	-0.0005	0.9976	0.9971	0.0005
2024-02-27T14:20:42	2	0	3	3	0	1.0435	1.0434	-0.0001	0.8504	0.8502	0.0002
2024-02-27T14:22:13	1	0	1	2	-1	0.9434	0.9439	0.0005	-0.984	-0.984	0.0000
2024-02-27T14:22:19	3	0	76	69	7	0.9292	0.9294	0.0002	0.9743	0.9748	-0.0005
2024-02-27T14:23:29	5	0	4	4	0	1.0334	1.0328	-0.0006	0.9994	0.9994	0.0000
2024-02-27T14:23:30	2	0	44	44	0	1.0532	1.0530	-0.0002	0.9745	0.974	0.0005
2024-02-27T14:23:35	1	0	4	5	-1	1.0424	1.0430	0.0005	0.9992	0.9992	0.0000
2024-02-27T14:24:24	1	0	3	3	0	1.0433	1.0433	0.0000	0.9988	0.9988	0.0000
2024-02-27T14:26:19	1	0	8	8	0	1.0493	1.0491	-0.0002	0.9995	0.9994	0.0001
2024-02-27T14:28:25	2	0	4	4	0	1.0472	1.0471	-0.0001	0.972	0.9718	0.0002
2024-02-27T14:29:01	2	0	33	33	0	1.0492	1.0492	0.0000	0.9946	0.9945	0.0001
2024-02-27T14:30:09	5	0	17	15	2	1.0537	1.0531	-0.0006	0.9773	0.9771	0.0002

2024-02-27T14:32:08	1	0	1	1	0	1.0564	1.0564	0.0000	0.998	0.998	0.0000
2024-02-27T14:32:17	4	0	3	3	0	1.0124	1.0122	-0.0002	0.98	0.9798	0.0002
2024-02-27T14:32:47	2	0	184	181	3	1.0564	1.0564	-0.0001	0.9784	0.9783	0.0001
2024-02-27T14:34:05	5	0	2	0	2	1.0370	null	null	0.9978	0.9976	0.0002
2024-02-27T14:35:24	2	0	19	17	2	1.0537	1.0539	0.0002	0.998	0.9975	0.0005
2024-02-27T14:35:43	3	0	7	7	0	1.0481	1.0479	-0.0002	0.8539	0.8535	0.0004
2024-02-27T14:35:53	2	0	7	7	0	1.0442	1.0440	-0.0001	-0.9978	-0.9978	0.0000
2024-02-27T14:37:14	1	0	1	0	1	0.9448	null	null	-0.9836	-0.9834	-0.0002
2024-02-27T14:37:20	1	0	32	32	0	0.9316	0.9316	0.0001	0.982	0.982	0.0000
2024-02-27T14:38:13	1	0	4	4	0	1.0466	1.0466	-0.0001	0.9888	0.9886	0.0002
2024-02-27T14:38:35	2	0	25	25	0	1.0524	1.0522	-0.0003	0.9725	0.9721	0.0004
2024-02-27T14:41:20	1	0	7	7	0	1.0471	1.0471	0.0000	0.9992	0.9992	0.0000
2024-02-27T14:43:26	3	0	4	4	0	1.0466	1.0465	-0.0001	0.9783	0.9782	0.0001
2024-02-27T14:44:02	1	0	34	33	1	1.0528	1.0528	0.0000	0.997	0.997	0.0000
2024-02-27T14:44:50	2	0	26	26	0	1.0524	1.0524	0.0000	0.9977	0.9977	0.0000
2024-02-27T14:45:20	2	0	39	39	0	1.0512	1.0512	0.0000	-0.9822	-0.9823	0.0001
2024-02-27T14:45:36	4	0	6	6	0	0.9899	0.9894	-0.0006	0.9792	0.9789	0.0003
2024-02-27T14:46:15	1	0	14	14	0	1.0544	1.0544	0.0000	-0.9502	-0.9498	-0.0004
2024-02-27T14:49:05	3	0	2	0	2	1.0356	null	null	0.997	0.9969	0.0001
2024-02-27T14:49:22	2	0	23	24	-1	1.0562	1.0561	-0.0001	0.9988	0.9988	0.0000
2024-02-27T14:50:12	4	0	14	14	0	1.0484	1.0484	0.0000	0.985	0.9849	0.0001
2024-02-27T14:52:15	1	0	1	1	0	0.9437	0.9438	0.0001	-0.9839	-0.9838	-0.0001
2024-02-27T14:53:12	1	0	132	133	-1	1.0582	1.0581	-0.0002	0.9655	0.968	-0.0025
2024-02-27T14:53:14	1	0	30	25	5	1.0434	1.0408	-0.0026	-0.9937	-0.9937	0.0000
2024-02-27T14:53:38	1	0	28	28	0	1.0525	1.0523	-0.0002	0.9738	0.9736	0.0002
2024-02-27T14:59:07	2	0	2	2	0	1.0319	1.0286	-0.0033	0.9976	0.9976	0.0000
2024-02-27T15:01:24	1	0	26	25	1	1.0490	1.0491	0.0001	0.9747	0.9742	0.0005
2024-02-27T15:02:54	2	0	285	282	3	1.0566	1.0566	0.0000	0.9773	0.9772	0.0001
2024-02-27T15:03:18	1	0	4	3	1	1.0543	1.0533	-0.0009	0.9761	0.976	0.0001
2024-02-27T15:05:45	8	0	220	206	14	1.0606	1.0603	-0.0002	0.9627	0.9608	0.0019
2024-02-27T15:07:22	2	0	79	79	0	0.9278	0.9278	0.0000	0.9796	0.9797	-0.0001
2024-02-27T15:08:13	2	0	120	121	-1	1.0579	1.0577	-0.0001	0.9675	0.9673	0.0002
2024-02-27T15:08:41	1	0	20	20	0	1.0498	1.0496	-0.0001	0.9724	0.9723	0.0001
2024-02-27T15:09:27	1	0	5	5	0	1.0398	1.0398	0.0000	0.9997	0.9997	0.0000
2024-02-27T15:11:18	1	0	12	12	0	1.0320	1.0320	0.0000	0.9893	0.9892	0.0001
2024-02-27T15:15:22	1	0	37	37	0	1.0496	1.0498	0.0002	-0.9823	-0.9824	0.0001
2024-02-27T15:23:16	1	0	50	49	1	1.0506	1.0503	-0.0003	-0.9879	-0.9874	-0.0005
2024-02-27T15:23:34	2	0	105	103	2	1.0568	1.0568	-0.0001	-0.9929	-0.9929	0.0000
2024-02-27T15:23:38	6	0	3	3	0	1.0342	1.0340	-0.0002	0.9996	0.9996	0.0000
2024-02-27T15:26:09	3	0	2	2	0	1.0276	1.0264	-0.0012	-0.9853	-0.9829	-0.0024
2024-02-27T15:29:33	1	0	2	2	0	1.0296	1.0294	-0.0002	0.9879	0.9878	0.0001
2024-02-27T15:31:09	2	0	1	1	0	0.9730	0.9736	0.0006	0.9921	0.992	0.0001
2024-02-27T15:37:15	2	0	1	0	1	1.0275	null	null	0.9887	0.989	-0.0003
2024-02-27T15:52:21	2	0	6	5	1	0.9968	1.0077	0.0108	0.9854	0.9852	0.0002
2024-02-27T15:53:49	1	0	24	23	1	1.0500	1.0496	-0.0004	0.9748	0.9746	0.0002
2024-02-27T16:00:32	1	0	33	33	0	1.0494	1.0494	0.0000	-0.9837	-0.9837	0.0000
2024-02-27T16:10:13	2	0	62	59	3	1.0535	1.0532	-0.0002	0.9787	0.9785	0.0002
2024-02-27T16:15:03	1	0	2	2	0	1.0484	1.0484	-0.0001	0.9844	0.9843	0.0001
2024-02-27T17:05:44	1	0	42	41	1	1.0559	1.0558	-0.0001	0.9985	0.9984	0.0001
2024-02-27T17:19:19	1	0	842	842	0	1.0641	1.0641	0.0000	-0.9722	-0.972	-0.0002
2024-02-28T07:51:56	1	0	143	143	0	0.9106	0.9107	0.0000	0.9791	0.9791	0.0000
2024-02-28T08:36:51	1	0	2	2	0	0.9404	0.9407	0.0003	-0.9757	-0.9753	-0.0004
2024-02-28T08:41:47	2	0	62	62	0	1.0582	1.0581	-0.0001	-0.9985	-0.9985	0.0000
2024-02-28T08:45:31	2	0	892	892	0	1.0654	1.0654	0.0000	-0.9816	-0.9815	-0.0001
2024-02-28T09:02:46	2	0	32	31	1	1.0510	1.0508	-0.0001	0.9799	0.9799	0.0000
2024-02-28T09:11:49	2	0	56	56	0	1.0581	1.0580	-0.0001	-0.9988	-0.9988	0.0000
2024-02-28T09:13:05	1	0	49	47	2	0.9398	0.9398	-0.0001	0.995	0.995	0.0000
2024-02-28T09:15:31	3	0	199	197	2	1.0541	1.0540	-0.0001	0.9971	0.9971	0.0000
2024-02-28T09:15:33	3	0	856	855	1	1.0651	1.0651	0.0000	-0.9826	-0.9825	-0.0001
2024-02-28T09:20:35	5	0	197	191	6	1.0594	1.0592	-0.0003	0.9628	0.9621	0.0007
2024-02-28T09:24:44	2	0	3	3	0	1.0477	1.0474	-0.0003	0.9833	0.9829	0.0004
2024-02-28T09:25:46	1	0	1	1	0	0.9432	0.9436	0.0004	-0.9875	-0.9871	-0.0004
2024-02-28T09:29:41	3	0	25	23	2	1.0507	1.0502	-0.0004	0.999	0.999	0.0000
2024-02-28T09:33:55	1	0	12	11	1	1.0536	1.0531	-0.0004	0.9793	0.9749	0.0044
2024-02-28T09:34:26	2	0	3	3	0	1.0011	1.0009	-0.0002	-0.9902	-0.9902	0.0000
2024-02-28T09:35:36	1	0	296	295	1	1.0624	1.0624	0.0000	0.9643	0.9643	0.0000
2024-02-28T09:35:36	7	0	35	34	1	1.0539	1.0536	-0.0003	-0.9975	-0.9983	0.0008
2024-02-28T09:40:47	1	0	1	1	0	1.0205	1.0193	-0.0012	-0.9895	-0.9893	-0.0002
2024-02-28T09:44:08	1	0	2	2	0	1.0464	1.0462	-0.0002	-0.9994	-0.9994	0.0000
2024-02-28T09:45:49	1	0	1	1	0	0.9693	0.9700	0.0007	0.9913	0.9914	-0.0001
2024-02-28T09:45:55	1	0	19	18	1	1.0488	1.0489	0.0001	0.9986	0.9986	0.0000
2024-02-28T09:48:46	1	0	5	5	0	1.0479	1.0473	-0.0006	-0.9779	-0.9825	0.0046
2024-02-28T09:48:49	1	0	18	15	3	0.9403	0.9410	0.0007	0.9978	0.9978	0.0000
2024-02-28T09:50:37	1	0	263	261	2	1.0613	1.0612	-0.0001	0.9615	0.9614	0.0001
2024-02-28T09:50:37	2	0	39	29	10	0.9399	0.9415	0.0016	0.9972	0.9944	0.0028
2024-02-28T09:50:57	1	0	9	9	0	1.0504	1.0501	-0.0003	-0.6375	-0.639	0.0015
2024-02-28T09:51:50	1	0	6	6	0	0.9586	0.9584	-0.0002	1	1	0.0000
2024-02-28T09:52:04	1	0	10	10	0	0.9344	0.9347	0.0003	0.9743	0.9738	0.0005
2024-02-28T09:52:50	1	0	15	14	1	1.0499	1.0496	-0.0004	0.9742	0.974	0.0002
2024-02-28T09:58:39	1	0	31	30	1	1.0484	1.0481	-0.0003	0.9978	0.9979	-0.0001
2024-02-28T09:58:50	1	0	2	2	0	1.0473	1.0470	-0.0003	-0.9978	-0.9978	0.0000
2024-02-28T09:59:43	3	0	29	26	3	1.0526	1.0518	-0.0008	0.9982	0.9982	0.0000
2024-02-28T09:59:51	1	0	146	141	5	1.0551	1.0550	-0.0001	-0.9894	-0.9895	0.0001
2024-02-28T10:00:36	1	0	830	830	0	1.0648	1.0648	0.0000	-0.9857	-0.9857	0.0000
2024-02-28T10:02:50	3	0	30	28	2	1.0511	1.0507	-0.0004	0.9765	0.9764	0.0001

2024-02-28T10:02:58	2	0	44	41	3	0.9560	0.9563	0.0003	0.9467	0.9467	0.0000
2024-02-28T10:03:47	1	0	1	1	0	0.9397	0.9402	0.0005	-0.9997	1	0.0003
2024-02-28T10:03:50	4	0	6	6	0	0.9735	0.9730	-0.0005	0.9984	0.9984	0.0000
2024-02-28T10:04:57	1	0	25	21	4	1.0541	1.0537	-0.0005	0.9982	0.9977	0.0005
2024-02-28T10:05:05	2	0	1	1	0	1.0376	1.0370	-0.0006	0.9762	0.976	0.0002
2024-02-28T10:05:38	1	0	216	215	1	1.0605	1.0605	0.0000	0.9552	0.9552	0.0000
2024-02-28T10:07:53	2	0	24	22	2	1.0518	1.0513	-0.0005	0.9741	0.9736	0.0005
2024-02-28T10:07:57	1	0	39	38	1	1.0494	1.0492	-0.0002	0.9985	0.9986	-0.0001
2024-02-28T10:09:47	1	0	130	129	1	1.0571	1.0575	0.0003	0.9661	0.9662	-0.0001
2024-02-28T10:10:49	1	0	1	1	0	1.0129	1.0125	-0.0004	-0.9886	-0.9885	-0.0001
2024-02-28T10:12:54	1	0	2	1	1	1.0526	1.0475	-0.0051	-0.9596	-0.9598	0.0002
2024-02-28T10:13:49	1	0	22	21	1	1.0473	1.0463	-0.0010	0.9979	0.9937	0.0042
2024-02-28T10:15:00	2	0	117	116	1	1.0541	1.0540	-0.0001	-0.9875	-0.9877	0.0002
2024-02-28T10:16:13	3	0	6	6	0	1.0162	1.0159	-0.0003	0.9919	0.9917	0.0002
2024-02-28T10:17:51	2	0	32	31	1	1.0512	1.0511	-0.0002	0.9794	0.9794	0.0000
2024-02-28T10:20:51	1	0	2	2	0	1.0379	1.0375	-0.0005	-0.9832	-0.9827	-0.0005
2024-02-28T10:20:51	3	0	6	6	0	1.0534	1.0528	-0.0006	-0.9694	-0.9706	0.0012
2024-02-28T10:21:58	1	0	2	2	0	0.9405	0.9405	0.0000	-0.9728	-0.9727	-0.0001
2024-02-28T10:27:53	1	0	4	4	0	1.0072	1.0072	0.0000	0.9626	0.9624	0.0002
2024-02-28T10:30:36	3	0	1	0	1	1.0595	null	null	0.9861	0.9861	0.0000
2024-02-28T10:31:20	4	0	7	7	0	1.0112	1.0111	-0.0002	0.9914	0.9912	0.0002
2024-02-28T10:34:12	1	0	10	10	0	1.0335	1.0334	-0.0001	0.9922	0.9922	0.0000
2024-02-28T10:34:22	3	0	10	9	1	1.0483	1.0471	-0.0012	0.9978	0.9977	0.0001
2024-02-28T10:34:55	3	0	2	1	1	1.0461	1.0458	-0.0004	0.9788	0.9782	0.0006
2024-02-28T10:35:40	2	0	15	15	0	1.0489	1.0489	0.0000	1	1	0.0000
2024-02-28T10:36:00	1	0	10	10	0	1.0535	1.0533	-0.0002	-0.6877	-0.6922	0.0045
2024-02-28T10:37:01	1	0	2	2	0	1.0575	1.0572	-0.0004	0.9938	0.9938	0.0000
2024-02-28T10:38:00	1	0	28	28	0	1.0527	1.0524	-0.0002	0.9731	0.9728	0.0003
2024-02-28T10:39:53	2	0	1	1	0	1.0556	1.0551	-0.0005	0.998	0.9978	0.0002
2024-02-28T10:39:57	1	0	4	4	0	1.0328	1.0328	0.0000	0.9482	0.9481	0.0001
2024-02-28T10:40:42	1	0	11	11	0	1.0497	1.0496	-0.0001	0.9961	0.996	0.0001
2024-02-28T10:44:30	5	0	47	45	2	1.0524	1.0521	-0.0003	0.9986	0.9985	0.0001
2024-02-28T10:46:29	1	0	11	11	0	1.0140	1.0139	-0.0001	0.9907	0.9906	0.0001
2024-02-28T10:47:53	5	0	46	45	1	1.0528	1.0526	-0.0002	0.9801	0.98	0.0001
2024-02-28T10:49:02	1	0	1	1	0	1.0355	1.0352	-0.0003	-1	-1	0.0000
2024-02-28T10:50:23	1	0	4	4	0	1.0479	1.0478	-0.0001	0.9985	0.9984	0.0001
2024-02-28T10:50:41	2	0	14	14	0	1.0502	1.0499	-0.0003	1	1	0.0000
2024-02-28T10:52:02	1	0	4	4	0	1.0579	1.0575	-0.0004	0.9938	0.9938	0.0000
2024-02-28T10:53:30	3	0	6	6	0	1.0345	1.0342	-0.0003	0.9997	0.9997	0.0000
2024-02-28T10:53:50	3	0	5	3	2	0.9435	0.9436	0.0001	0.9929	0.9931	-0.0002
2024-02-28T10:58:51	1	0	1	1	0	1.0288	1.0285	-0.0003	0.9962	0.9961	0.0001
2024-02-28T10:58:52	1	0	30	30	0	1.0492	1.0492	0.0000	0.9952	0.9951	0.0001
2024-02-28T10:58:52	1	0	18	18	0	1.0497	1.0497	-0.0001	1	1	0.0000
2024-02-28T10:59:31	3	0	45	43	2	1.0528	1.0527	-0.0001	0.9987	0.9987	0.0000
2024-02-28T10:59:48	1	0	2	2	0	1.0538	1.0535	-0.0003	0.9867	0.9866	0.0001
2024-02-28T11:00:37	1	0	59	58	1	1.0529	1.0528	0.0000	-0.9932	-0.9932	0.0000
2024-02-28T11:01:00	2	0	82	81	1	1.0559	1.0559	0.0000	0.9993	0.9993	0.0000
2024-02-28T11:01:39	1	0	8	8	0	1.0125	1.0123	-0.0002	0.9907	0.9906	0.0001
2024-02-28T11:01:52	5	0	3	3	0	1.0305	1.0300	-0.0005	0.9898	0.9876	0.0022
2024-02-28T11:02:15	1	0	2	2	0	1.0316	1.0314	-0.0002	0.9894	0.9894	0.0000
2024-02-28T11:02:54	5	0	54	53	1	1.0535	1.0534	-0.0001	0.9791	0.979	0.0001
2024-02-28T11:02:57	1	0	1	1	0	1.0596	1.0582	-0.0014	0.98	0.9797	0.0003
2024-02-28T11:04:22	1	0	1	1	0	1.0424	1.0423	-0.0001	-0.9972	-0.9972	0.0000
2024-02-28T11:05:04	1	0	17	16	1	1.0532	1.0526	-0.0005	0.9929	0.992	0.0009
2024-02-28T11:05:36	1	0	11	11	0	0.9454	0.9458	0.0003	0.9932	0.9933	-0.0001
2024-02-28T11:05:48	1	0	933	933	0	1.0657	1.0657	0.0000	-0.9844	-0.9844	0.0000
2024-02-28T11:07:10	2	0	27	26	1	0.9326	0.9327	0.0001	0.9666	0.9663	0.0003
2024-02-28T11:08:08	1	0	24	24	0	1.0509	1.0507	-0.0002	0.9715	0.9713	0.0002
2024-02-28T11:10:53	1	0	1	1	0	1.0185	1.0181	-0.0004	-0.9891	-0.9893	0.0002
2024-02-28T11:14:39	2	0	52	50	2	1.0532	1.0531	-0.0001	0.9988	0.9988	0.0000
2024-02-28T11:14:48	2	0	31	31	0	1.0534	1.0534	0.0000	0.998	0.9979	0.0001
2024-02-28T11:14:58	1	0	7	6	1	1.0526	1.0513	-0.0014	0.9676	0.9674	0.0002
2024-02-28T11:17:58	2	0	1	0	1	1.0561	null	null	0.9702	0.9721	-0.0019
2024-02-28T11:18:55	1	0	42	41	1	0.9346	0.9349	0.0003	0.9985	0.9983	0.0002
2024-02-28T11:20:43	1	0	121	121	0	1.0722	1.0722	0.0000	0.9995	0.9995	0.0000
2024-02-28T11:21:56	1	0	6	6	0	0.9611	0.9613	0.0003	-0.9999	-0.9999	0.0000
2024-02-28T11:23:13	2	0	21	21	0	1.0498	1.0496	-0.0002	0.972	0.9719	0.0001
2024-02-28T11:28:33	1	0	43	43	0	0.9388	0.9388	0.0000	0.9976	0.9976	0.0000
2024-02-28T11:29:47	9	0	44	43	1	1.0521	1.0524	0.0003	0.9987	0.9986	0.0001
2024-02-28T11:29:50	1	0	1	1	0	1.0665	1.0665	0.0000	0.9884	0.9676	0.0208
2024-02-28T11:30:51	2	0	56	53	3	1.0526	1.0524	-0.0002	-0.9906	-0.9906	0.0000
2024-02-28T11:31:56	7	0	4	4	0	1.0139	1.0139	-0.0001	0.9917	0.9904	0.0013
2024-02-28T11:32:17	2	0	3	3	0	1.0075	1.0077	0.0001	0.9911	0.9912	-0.0001
2024-02-28T11:33:04	2	0	14	13	1	1.0011	0.9967	-0.0043	0.9532	0.9533	-0.0001
2024-02-28T11:35:11	2	0	17	16	1	1.0518	1.0515	-0.0003	0.9872	0.987	0.0002
2024-02-28T11:36:52	1	0	3	3	0	0.9905	0.9905	0.0000	0.9964	0.9964	0.0000
2024-02-28T11:36:57	2	0	3	2	1	1.0353	1.0251	-0.0102	0.8452	0.8442	0.0010
2024-02-28T11:38:17	2	0	19	19	0	1.0493	1.0491	-0.0001	0.9707	0.9707	0.0000
2024-02-28T11:39:53	2	0	5	6	-1	1.0520	1.0510	-0.0010	0.9878	0.988	-0.0002
2024-02-28T11:40:20	2	0	1	1	0	1.0615	1.0614	-0.0001	0.9983	0.9983	0.0000
2024-02-28T11:42:58	1	0	2	2	0	1.0148	1.0148	0.0000	0.963	0.963	0.0000
2024-02-28T11:43:00	1	0	1	1	0	1.0585	1.0585	0.0000	-0.9815	-0.9794	-0.0021
2024-02-28T11:45:00	1	0	3	4	-1	1.0530	1.0513	-0.0017	0.9673	0.9674	-0.0001
2024-02-28T11:46:00	2	0	60	57	3	1.0527	1.0525	-0.0001	-0.9915	-0.9915	0.0000
2024-02-28T11:47:04	7	0	4	5	-1	1.0163	1.0159	-0.0004	0.9901	0.9902	-0.0001

2024-02-28T11:47:04	1	0	1	0	1	1.0551	null	null	0.9978	0.9978	0.0000
2024-02-28T11:48:05	1	0	1	0	1	1.0569	null	null	0.9746	0.9729	0.0017
2024-02-28T11:48:29	1	0	1	0	1	1.0552	null	null	0.9493	0.9491	0.0002
2024-02-28T11:48:54	3	0	2	3	-1	0.9864	1.0032	0.0168	-0.9993	-0.9993	0.0000
2024-02-28T11:49:04	1	0	1	1	0	1.0442	1.0442	0.0000	0.9701	0.9702	-0.0001
2024-02-28T11:50:15	2	0	19	18	1	1.0536	1.0533	-0.0003	0.9947	0.9947	0.0000
2024-02-28T11:50:47	1	0	4	4	0	1.0436	1.0434	-0.0002	0.9942	0.9941	0.0001
2024-02-28T11:57:59	1	0	3	3	0	1.0333	1.0333	0.0000	0.9677	0.9678	-0.0001
2024-02-28T11:58:01	1	0	1	1	0	1.0578	1.0578	0.0000	-0.9962	-0.9962	0.0000
2024-02-28T11:58:35	1	0	6	7	-1	0.9416	0.9417	0.0001	0.9956	0.9956	0.0000
2024-02-28T11:59:55	1	0	1	1	0	1.0766	1.0764	-0.0002	0.9862	0.9862	0.0000
2024-02-28T12:00:01	1	0	6	7	-1	1.0505	1.0498	-0.0007	0.9677	0.9677	0.0000
2024-02-28T12:02:05	7	0	8	9	-1	1.0160	1.0174	0.0014	0.9901	0.9902	-0.0001
2024-02-28T12:02:38	1	0	18	17	1	1.0463	1.0458	-0.0005	0.9999	0.9999	0.0000
2024-02-28T12:04:52	1	0	33	32	1	1.0496	1.0494	-0.0002	0.9892	0.9892	0.0000
2024-02-28T12:05:17	2	0	18	18	0	1.0535	1.0533	-0.0002	0.9941	0.9942	-0.0001
2024-02-28T12:05:28	1	0	4	3	1	1.0511	1.0493	-0.0018	-0.7858	-0.7852	-0.0006
2024-02-28T12:06:59	2	0	2	2	0	1.0231	1.0231	-0.0001	0.8476	0.848	-0.0004
2024-02-28T12:08:21	1	0	19	19	0	1.0492	1.0491	-0.0001	0.9719	0.9717	0.0002
2024-02-28T12:09:55	2	0	5	6	-1	1.0522	1.0514	-0.0008	0.9901	0.9904	-0.0003
2024-02-28T12:11:56	1	0	3	3	0	1.0533	1.0532	-0.0002	0.9937	0.9937	0.0000
2024-02-28T12:13:02	1	0	1	0	1	1.0568	null	null	-0.9857	-0.9856	-0.0001
2024-02-28T12:18:02	2	0	1	1	0	1.0423	1.0423	0.0000	0.9727	0.9727	0.0000
2024-02-28T12:25:12	2	0	24	23	1	1.0471	1.0466	-0.0004	0.9896	0.9896	0.0000
2024-02-28T12:26:27	1	0	73	73	0	1.0562	1.0561	-0.0001	-0.9151	-0.9155	0.0004
2024-02-28T12:28:37	1	0	3	3	0	1.0228	1.0228	0.0000	0.998	0.998	0.0000
2024-02-28T12:34:07	1	0	1	1	0	1.0556	1.0556	0.0000	0.9847	0.9848	-0.0001
2024-02-28T12:45:04	1	0	7	8	-1	1.0498	1.0509	0.0010	0.9672	0.9672	0.0000
2024-02-28T12:48:58	3	0	2	5	-3	0.9816	1.0198	0.0382	-0.9995	-0.9988	-0.0007
2024-02-28T13:01:04	1	0	20	17	3	1.0576	1.0571	-0.0005	0.9484	0.9494	-0.0010
2024-02-28T13:03:05	2	0	1	1	0	1.0575	1.0574	-0.0001	0.9721	0.9738	-0.0017
2024-02-28T13:24:05	2	0	573	573	0	1.0856	1.0854	-0.0002	0.9503	0.9502	0.0001
2024-02-28T13:28:05	1	0	2	2	0	1.0190	1.0190	0.0000	0.9636	0.9637	-0.0001
2024-02-28T13:31:41	1	0	27	26	1	1.0502	1.0499	-0.0003	0.9652	0.9651	0.0001
2024-02-28T13:35:02	2	0	6	6	0	0.9910	0.9910	-0.0001	0.9995	0.9995	0.0000
2024-02-28T13:43:08	1	0	80	80	0	1.0735	1.0726	-0.0009	-0.9959	-0.996	0.0001
2024-02-28T13:46:14	3	0	170	169	1	1.0557	1.0557	0.0000	-0.9869	-0.9869	0.0000
2024-02-28T13:52:06	2	0	2	2	0	1.0416	1.0415	-0.0002	0.8509	0.8506	0.0003
2024-02-28T13:55:02	1	0	17	16	1	1.0495	1.0489	-0.0006	-0.9993	-0.9993	0.0000
2024-02-28T14:00:50	3	0	6	6	0	0.9934	0.9931	-0.0003	0.9941	0.994	0.0001
2024-02-28T14:03:06	8	0	69	67	2	1.0544	1.0544	-0.0001	0.9784	0.9783	0.0001
2024-02-28T14:05:04	1	0	5	5	0	0.9596	0.9595	-0.0001	0.9964	0.9964	0.0000
2024-02-28T14:05:41	1	0	18	18	0	1.0541	1.0537	-0.0004	0.9969	0.9964	0.0005
2024-02-28T14:06:06	3	0	4	6	-2	1.0488	1.0511	0.0023	-0.9606	-0.9613	0.0007
2024-02-28T14:06:38	1	0	99	99	0	1.0589	1.0589	0.0000	0.9622	0.9622	0.0000
2024-02-28T14:10:03	2	0	4	4	0	1.0519	1.0517	-0.0002	0.9868	0.9867	0.0001
2024-02-28T14:10:35	2	0	1	1	0	1.0616	1.0613	-0.0003	0.9894	0.9917	-0.0023
2024-02-28T14:11:35	1	0	82	81	1	1.0567	1.0567	0.0000	-0.9137	-0.9138	0.0001
2024-02-28T14:13:08	1	0	5	5	0	1.0221	1.0221	0.0000	0.9674	0.9673	0.0001
2024-02-28T14:13:10	3	0	26	25	1	1.0478	1.0475	-0.0003	-0.9997	-0.9997	0.0000
2024-02-28T14:13:44	1	0	1	1	0	0.9442	0.9446	0.0004	0.9963	0.9963	0.0000
2024-02-28T14:16:27	3	0	48	47	1	1.0512	1.0511	-0.0001	-0.9975	-0.9975	0.0000
2024-02-28T14:16:44	1	0	26	26	0	1.0517	1.0517	0.0000	0.9583	0.9579	0.0004
2024-02-28T14:17:18	2	0	2	2	0	1.0111	1.0109	-0.0002	0.9818	0.9798	0.0020
2024-02-28T14:18:07	3	0	49	48	1	1.0541	1.0540	0.0000	0.9767	0.9767	0.0000
2024-02-28T14:19:04	2	0	7	7	0	0.9999	1.0000	0.0000	-0.9997	-1	0.0003
2024-02-28T14:20:05	1	0	3	3	0	1.0387	1.0387	0.0000	-1	-1	0.0000
2024-02-28T14:20:31	4	0	4	4	0	1.0463	1.0462	-0.0001	0.9777	0.9776	0.0001
2024-02-28T14:20:43	2	0	18	17	1	1.0545	1.0541	-0.0004	0.9992	0.9988	0.0004
2024-02-28T14:21:07	3	0	6	6	0	1.0499	1.0497	-0.0002	-0.9584	-0.9599	0.0015
2024-02-28T14:21:38	1	0	99	100	-1	1.0594	1.0593	-0.0002	0.9647	0.9637	0.0010
2024-02-28T14:21:47	1	0	15	14	1	1.0484	1.0478	-0.0006	-0.9997	-0.9997	0.0000
2024-02-28T14:22:09	4	0	17	17	0	0.9564	0.9564	0.0000	0.9998	0.9998	0.0000
2024-02-28T14:23:54	5	0	11	10	1	1.0365	1.0366	0.0000	0.9997	0.9997	0.0000
2024-02-28T14:25:04	2	0	4	4	0	1.0520	1.0518	-0.0002	0.9848	0.9846	0.0002
2024-02-28T14:25:40	2	0	1	1	0	1.0577	1.0572	-0.0005	0.9906	0.9904	0.0002
2024-02-28T14:26:36	1	0	103	103	0	1.0574	1.0574	0.0000	-0.9219	-0.9225	0.0006
2024-02-28T14:28:09	1	0	3	3	0	1.0139	1.0139	0.0000	0.9646	0.9646	0.0000
2024-02-28T14:28:45	2	0	18	18	0	0.9397	0.9399	0.0002	0.9947	0.9948	-0.0001
2024-02-28T14:30:04	2	0	65	65	0	1.0550	1.0549	-0.0001	0.9993	0.9993	0.0000
2024-02-28T14:30:52	2	0	4	4	0	0.9771	0.9770	-0.0001	0.9814	0.9814	0.0000
2024-02-28T14:31:36	1	0	43	43	0	1.0509	1.0509	-0.0001	-0.9975	-0.9976	0.0001
2024-02-28T14:31:53	2	0	2	2	0	1.0370	1.0364	-0.0006	0.9721	0.9711	0.0010
2024-02-28T14:32:25	3	0	2	2	0	1.0103	1.0100	-0.0003	0.9817	0.9796	0.0021
2024-02-28T14:32:47	1	0	7	7	0	1.0354	1.0354	0.0000	0.9932	0.9932	0.0000
2024-02-28T14:32:48	1	0	33	32	1	1.0462	1.0460	-0.0003	0.9996	0.9996	0.0000
2024-02-28T14:33:08	5	0	99	98	1	1.0548	1.0548	0.0000	0.9774	0.9774	0.0000
2024-02-28T14:33:36	1	0	7	7	0	0.9922	0.9922	0.0000	0.9724	0.9724	0.0000
2024-02-28T14:33:36	1	0	1	1	0	1.0570	1.0563	-0.0007	0.9575	0.9573	0.0002
2024-02-28T14:34:05	2	0	21	20	1	1.0480	1.0478	-0.0002	-0.9891	-0.9894	0.0003
2024-02-28T14:35:32	3	0	4	4	0	1.0475	1.0474	-0.0002	0.9777	0.9775	0.0002
2024-02-28T14:35:45	2	0	20	18	2	1.0537	1.0531	-0.0005	0.9965	0.9959	0.0006
2024-02-28T14:36:09	3	0	7	7	0	1.0536	1.0535	-0.0001	-0.9574	-0.9588	0.0014
2024-02-28T14:37:37	4	0	16	16	0	0.9583	0.9583	0.0000	0.9999	0.9999	0.0000
2024-02-28T14:37:47	1	0	1	0	1	1.0368	null	null	0.9865	0.9865	0.0000

2024-02-28T14:38:33	2	0	28	27	1	1.0515	1.0516	0.0000	0.9718	0.9716	0.0002
2024-02-28T14:39:04	5	0	10	10	0	1.0379	1.0378	0.0000	0.999	0.999	0.0000
2024-02-28T14:40:05	2	0	4	4	0	1.0520	1.0518	-0.0001	0.9882	0.9881	0.0001
2024-02-28T14:40:47	3	0	1	1	0	1.0570	1.0565	-0.0005	0.992	0.9918	0.0002
2024-02-28T14:41:37	1	0	94	94	0	1.0571	1.0571	0.0000	-0.9142	-0.9142	0.0000
2024-02-28T14:41:55	1	0	3	3	0	1.0167	1.0165	-0.0002	0.9812	0.9811	0.0001
2024-02-28T14:43:10	1	0	4	4	0	1.0108	1.0108	0.0000	0.9625	0.9625	0.0000
2024-02-28T14:43:27	2	0	4	4	0	1.0428	1.0426	-0.0002	0.9796	0.9795	0.0001
2024-02-28T14:43:46	2	0	21	20	1	0.9410	0.9409	-0.0002	0.9961	0.9961	0.0000
2024-02-28T14:45:06	1	0	2	2	0	1.0526	1.0523	-0.0003	0.9853	0.9852	0.0001
2024-02-28T14:45:15	9	0	56	53	3	1.0546	1.0546	-0.0001	0.9995	0.9995	0.0000
2024-02-28T14:46:21	1	0	116	115	1	1.0570	1.0570	0.0000	0.9988	0.9988	0.0000
2024-02-28T14:46:46	1	0	28	28	0	1.0525	1.0524	0.0000	0.9748	0.9747	0.0001
2024-02-28T14:48:18	3	0	40	38	2	1.0519	1.0522	0.0003	-0.999	-0.9983	-0.0007
2024-02-28T14:52:04	1	0	33	31	2	1.0487	1.0487	0.0000	0.9996	0.9996	0.0000
2024-02-28T14:52:47	2	0	1	0	1	1.0193	null	null	0.9888	0.9888	0.0000
2024-02-28T14:53:37	2	0	30	30	0	1.0531	1.0529	-0.0001	0.9718	0.9716	0.0002
2024-02-28T14:56:56	1	0	3	3	0	1.0151	1.0150	-0.0001	0.9821	0.982	0.0001
2024-02-28T15:01:37	1	0	21	21	0	1.0484	1.0484	0.0000	-0.9973	-0.9973	0.0000
2024-02-28T15:02:20	2	0	1	1	0	1.0351	1.0344	-0.0007	0.9977	0.9976	0.0001
2024-02-28T15:03:18	3	0	50	49	1	1.0535	1.0534	-0.0001	-0.9987	-0.9997	0.0010
2024-02-28T15:04:50	1	0	3	3	0	1.0057	1.0054	-0.0003	0.9981	0.9981	0.0000
2024-02-28T15:07:05	1	0	36	35	1	1.0492	1.0492	0.0000	0.9997	0.9997	0.0000
2024-02-28T15:08:41	1	0	30	29	1	1.0536	1.0533	-0.0003	0.9735	0.9733	0.0002
2024-02-28T15:11:09	2	0	1	0	1	1.0074	null	null	-0.9997	-0.9997	0.0000
2024-02-28T15:14:56	3	0	3	3	0	1.0476	1.0471	-0.0006	-0.9996	-0.9998	0.0002
2024-02-28T15:15:14	1	0	7	7	0	1.0511	1.0509	-0.0002	0.9689	0.9687	0.0002
2024-02-28T15:16:38	1	0	25	25	0	1.0481	1.0480	0.0000	-0.9973	-0.9974	0.0001
2024-02-28T15:19:17	1	0	12	13	-1	1.0551	1.0551	0.0000	0.9972	0.9972	0.0000
2024-02-28T15:19:47	2	0	1	1	0	1.0181	1.0176	-0.0005	0.9711	0.9709	0.0002
2024-02-28T15:20:43	1	0	3	4	-1	1.0382	1.0369	-0.0013	0.9503	0.9513	-0.0010
2024-02-28T15:21:42	3	0	175	175	0	1.0638	1.0637	-0.0001	0.9655	0.9654	0.0001
2024-02-28T15:22:07	1	0	1	1	0	0.9443	0.9444	0.0001	0.9923	0.9925	-0.0002
2024-02-28T15:22:39	2	0	4	4	0	1.0360	1.0358	-0.0001	0.9225	0.9218	0.0007
2024-02-28T15:22:49	17	0	6	3	3	1.0295	1.0238	-0.0057	0.9884	0.9875	0.0009
2024-02-28T15:22:57	1	0	24	24	0	1.0580	1.0580	0.0000	0.9957	0.9957	0.0000
2024-02-28T15:23:47	1	0	40	39	1	1.0533	1.0531	-0.0002	0.974	0.9738	0.0002
2024-02-28T15:38:01	17	0	4	3	1	1.0299	1.0284	-0.0015	0.9869	0.9862	0.0007
2024-02-28T15:38:51	2	0	70	68	2	1.0544	1.0542	-0.0001	0.9728	0.9726	0.0002
2024-02-28T15:43:31	1	0	4	4	0	1.0450	1.0450	-0.0001	0.9736	0.9735	0.0001
2024-02-28T15:44:21	1	0	2	2	0	1.0284	1.0279	-0.0005	0.9847	0.9845	0.0002
2024-02-28T15:45:57	2	0	1	1	0	1.0089	1.0088	-0.0001	0.9821	0.982	0.0001
2024-02-28T15:46:40	1	0	33	33	0	1.0492	1.0492	0.0000	-0.9964	-0.9964	0.0000
2024-02-28T15:48:21	3	0	180	178	2	1.0557	1.0557	0.0000	0.9794	0.9794	0.0000
2024-02-28T15:50:18	1	0	13	13	0	1.0459	1.0459	0.0000	-1	-1	0.0000
2024-02-28T15:53:16	15	0	7	7	0	1.0321	1.0319	-0.0002	0.9879	0.9878	0.0001
2024-02-28T15:55:15	2	0	55	51	4	1.0535	1.0532	-0.0003	0.9788	0.9786	0.0002
2024-02-28T15:59:27	2	0	2	2	0	1.0328	1.0312	-0.0015	-0.996	-0.9962	0.0002
2024-02-28T16:01:41	1	0	40	39	1	1.0495	1.0495	0.0001	-0.9961	-0.9961	0.0000
2024-02-28T16:02:24	1	0	2	2	0	1.0350	1.0349	-0.0001	0.9983	0.9983	0.0000
2024-02-28T16:05:18	5	0	12	12	0	1.0386	1.0383	-0.0003	0.9998	0.9997	0.0001
2024-02-28T16:08:58	1	0	37	37	0	1.0528	1.0527	-0.0001	0.9723	0.9721	0.0002
2024-02-28T16:10:47	1	0	55	53	2	1.0543	1.0542	-0.0001	0.978	0.9779	0.0001
2024-02-28T16:15:59	1	0	3	3	0	1.0107	1.0104	-0.0003	0.9832	0.9831	0.0001
2024-02-28T16:24:02	1	0	69	69	0	1.0542	1.0542	-0.0001	0.974	0.9738	0.0002
2024-02-28T16:25:48	1	0	115	113	2	1.0561	1.0560	0.0000	0.9772	0.9771	0.0001
2024-02-28T16:36:34	1	0	496	495	1	1.0607	1.0607	0.0000	-0.9831	-0.983	-0.0001
2024-02-28T16:39:05	1	0	31	31	0	1.0528	1.0528	-0.0001	0.9733	0.9732	0.0001
2024-02-28T16:46:44	1	0	67	67	0	1.0527	1.0527	0.0000	-0.9931	-0.9937	0.0006
2024-02-28T17:34:54	1	0	197	55	142	1.0399	0.9823	-0.0577	0.9826	0.974	0.0086
2024-02-29T07:51:51	1	0	102	102	0	0.9469	0.9470	0.0001	0.9957	0.9957	0.0000
2024-02-29T07:51:57	1	0	165	165	0	0.9062	0.9062	0.0000	0.9575	0.9574	0.0001
2024-02-29T08:01:30	1	0	327	327	0	0.8974	0.8974	0.0001	0.9911	0.9911	0.0000
2024-02-29T08:27:12	1	0	5	5	0	1.0477	1.0477	0.0000	0.9797	0.9797	0.0000
2024-02-29T08:40:49	1	0	266	266	0	0.9287	0.9288	0.0001	-0.9992	-0.9991	-0.0001
2024-02-29T08:45:29	1	0	490	489	1	1.0608	1.0608	0.0000	-0.9864	-0.9863	-0.0001
2024-02-29T08:56:49	2	0	65	65	0	1.0585	1.0585	-0.0001	-0.9993	-0.9996	0.0003
2024-02-29T09:00:30	1	0	446	446	0	1.0593	1.0593	0.0000	-0.9914	-0.9913	-0.0001
2024-02-29T09:00:56	3	0	8	8	0	1.0487	1.0487	0.0000	-0.9868	-0.9868	0.0000
2024-02-29T09:05:26	1	0	64	61	3	1.0552	1.0552	-0.0001	0.9796	0.9795	0.0001
2024-02-29T09:07:02	1	0	155	155	0	0.9075	0.9076	0.0001	0.9612	0.9612	0.0000
2024-02-29T09:11:50	1	0	50	49	1	1.0567	1.0567	0.0000	-0.9994	-0.9994	0.0000
2024-02-29T09:13:06	1	0	4	4	0	0.9858	0.9860	0.0002	-1	-1	0.0000
2024-02-29T09:20:27	1	0	34	32	2	1.0545	1.0544	-0.0001	0.9784	0.9783	0.0001
2024-02-29T09:24:58	1	0	63	62	1	0.9477	0.9479	0.0002	0.9323	0.9323	0.0000
2024-02-29T09:30:48	1	0	1	1	0	0.9760	0.9765	0.0005	0.9965	0.9965	0.0000
2024-02-29T09:33:48	3	0	2	0	2	1.0437	null	null	-0.9992	-0.9992	0.0000
2024-02-29T09:35:28	1	0	30	29	1	1.0538	1.0538	0.0000	0.9786	0.9785	0.0001
2024-02-29T09:35:34	7	0	38	36	2	1.0552	1.0549	-0.0003	1	1	0.0000
2024-02-29T09:35:37	2	0	30	30	0	1.0461	1.0461	0.0000	-0.9993	-0.9993	0.0000
2024-02-29T09:37:07	2	0	81	77	4	0.9485	0.9491	0.0006	0.9923	0.9836	0.0087
2024-02-29T09:41:00	1	0	45	45	0	0.9418	0.9427	0.0008	-0.9953	-0.9951	-0.0002
2024-02-29T09:45:57	1	0	10	10	0	1.0463	1.0462	-0.0001	0.9921	0.9921	0.0000
2024-02-29T09:46:14	1	0	1	1	0	0.9425	0.9428	0.0003	0.9856	0.9857	-0.0001
2024-02-29T09:46:14	3	0	10	10	0	1.0209	1.0208	-0.0001	0.9957	0.9957	0.0000

2024-02-29T09:46:37	3	0	253	250	3	0.9172	0.9175	0.0003	0.9921	0.9918	0.0003
2024-02-29T09:46:57	1	0	2	2	0	1.0396	1.0394	-0.0002	0.9947	0.9947	0.0000
2024-02-29T09:48:49	1	0	6	6	0	1.0289	1.0289	0.0000	-0.9991	-0.9991	0.0000
2024-02-29T09:50:25	2	0	2	2	0	1.0364	1.0359	-0.0005	0.9972	0.9971	0.0001
2024-02-29T09:50:29	4	0	90	80	10	1.0562	1.0559	-0.0002	0.9832	0.983	0.0002
2024-02-29T09:52:13	2	0	53	49	4	1.0430	1.0496	0.0066	0.9857	0.9857	0.0000
2024-02-29T09:54:11	1	0	2	2	0	0.9989	0.9992	0.0003	0.9971	0.9971	0.0000
2024-02-29T09:57:18	1	0	6	6	0	1.0482	1.0482	0.0000	0.9798	0.9798	0.0000
2024-02-29T09:58:28	2	0	1	1	0	1.0058	1.0052	-0.0006	-0.9999	-0.9999	0.0000
2024-02-29T09:58:51	1	0	1	1	0	1.0454	1.0450	-0.0004	-0.9943	-0.9944	0.0001
2024-02-29T09:59:11	1	0	1	1	0	1.0621	1.0617	-0.0004	-0.9969	-0.9969	0.0000
2024-02-29T09:59:33	3	0	19	19	0	1.0513	1.0507	-0.0006	0.996	0.996	0.0000
2024-02-29T10:00:53	1	0	4	4	0	1.0322	1.0320	-0.0001	0.9904	0.9899	0.0005
2024-02-29T10:01:38	1	0	233	233	0	0.9205	0.9205	0.0000	0.9917	0.9914	0.0003
2024-02-29T10:01:58	1	0	2	2	0	1.0382	1.0380	-0.0002	0.9954	0.9954	0.0000
2024-02-29T10:02:21	1	0	61	60	1	1.0518	1.0518	0.0000	0.9963	0.9964	-0.0001
2024-02-29T10:02:32	3	0	31	30	1	1.0507	1.0505	-0.0002	0.9795	0.9795	0.0000
2024-02-29T10:02:37	4	0	4	4	0	1.0378	1.0372	-0.0006	-0.987	-0.9872	0.0002
2024-02-29T10:03:41	1	0	1	1	0	0.9249	0.9252	0.0003	1	1	0.0000
2024-02-29T10:03:49	1	0	13	12	1	1.0553	1.0550	-0.0003	0.9972	0.9971	0.0001
2024-02-29T10:04:07	1	0	5	5	0	1.0366	1.0364	-0.0002	0.9969	0.9968	0.0001
2024-02-29T10:04:15	1	0	1	1	0	1.0258	1.0253	-0.0005	0.9938	0.9936	0.0002
2024-02-29T10:04:58	1	0	11	11	0	1.0496	1.0495	-0.0001	0.9871	0.9864	0.0007
2024-02-29T10:05:09	2	0	1	1	0	1.0409	1.0402	-0.0007	0.9789	0.9788	0.0001
2024-02-29T10:05:33	4	0	133	127	6	1.0581	1.0581	0.0000	0.9829	0.9827	0.0002
2024-02-29T10:05:36	2	0	43	42	1	1.0551	1.0549	-0.0003	-1	1	0.0000
2024-02-29T10:05:50	3	0	4	3	1	1.0466	1.0464	-0.0002	-0.9924	-0.9929	0.0005
2024-02-29T10:07:06	2	0	160	160	0	0.9131	0.9132	0.0001	0.9589	0.9591	-0.0002
2024-02-29T10:07:14	1	0	29	27	2	0.9981	1.0025	0.0045	0.9927	0.9927	0.0000
2024-02-29T10:08:20	2	0	139	138	1	1.0569	1.0568	0.0000	-0.9807	-0.9806	-0.0001
2024-02-29T10:09:30	2	0	61	62	-1	1.0497	1.0498	0.0000	0.9663	0.9626	0.0037
2024-02-29T10:09:34	2	0	9	9	0	1.0500	1.0493	-0.0006	0.9851	0.9844	0.0007
2024-02-29T10:11:07	1	0	75	70	5	0.9404	0.9408	0.0004	-0.9965	-0.9965	0.0000
2024-02-29T10:14:28	1	0	10	10	0	1.0476	1.0476	0.0000	-0.999	-0.999	0.0000
2024-02-29T10:14:59	1	0	2	2	0	0.9709	0.9707	-0.0002	0.9738	0.9737	0.0001
2024-02-29T10:15:20	1	0	56	55	1	1.0486	1.0485	-0.0001	0.9932	0.9932	0.0000
2024-02-29T10:16:16	2	0	8	8	0	1.0178	1.0175	-0.0003	0.9922	0.9921	0.0001
2024-02-29T10:17:22	1	0	88	85	3	1.0527	1.0527	0.0000	0.9965	0.9964	0.0001
2024-02-29T10:17:33	5	0	41	38	3	1.0517	1.0513	-0.0004	0.9792	0.9791	0.0001
2024-02-29T10:18:51	1	0	22	22	0	0.9855	0.9854	-0.0001	-0.9968	-0.9969	0.0001
2024-02-29T10:19:09	3	0	6	6	0	1.0463	1.0459	-0.0004	0.9964	0.9964	0.0000
2024-02-29T10:19:12	1	0	3	3	0	1.0192	1.0189	-0.0002	0.9951	0.9951	0.0000
2024-02-29T10:20:37	2	0	62	62	0	1.0565	1.0565	0.0000	0.9996	0.9996	0.0000
2024-02-29T10:20:53	1	0	1	1	0	1.0346	1.0343	-0.0003	-0.9953	-0.995	-0.0003
2024-02-29T10:21:37	1	0	12	12	0	0.9523	0.9521	-0.0001	0.9999	0.9999	0.0000
2024-02-29T10:24:31	6	0	247	244	3	1.0625	1.0622	-0.0003	0.9711	0.9708	0.0003
2024-02-29T10:26:23	1	0	5	5	0	1.0382	1.0380	-0.0002	0.9764	0.9763	0.0001
2024-02-29T10:26:53	1	0	1	0	1	1.0357	null	null	0.9872	0.9871	0.0001
2024-02-29T10:28:48	1	0	17	17	0	1.0469	1.0468	0.0000	0.9973	0.9972	0.0001
2024-02-29T10:29:29	1	0	11	11	0	1.0449	1.0449	0.0000	-0.9994	-0.9994	0.0000
2024-02-29T10:31:24	1	0	10	10	0	1.0220	1.0217	-0.0003	0.9966	0.9966	0.0000
2024-02-29T10:32:23	6	0	87	80	7	1.0537	1.0531	-0.0006	0.9968	0.9967	0.0001
2024-02-29T10:33:52	2	0	11	11	0	1.0483	1.0481	-0.0002	-0.9974	-0.9975	0.0001
2024-02-29T10:34:02	1	0	1	1	0	1.0130	1.0127	-0.0003	0.9962	0.9961	0.0001
2024-02-29T10:35:02	1	0	12	12	0	1.0497	1.0496	-0.0001	0.9835	0.9826	0.0009
2024-02-29T10:35:28	1	0	4	4	0	0.9842	0.9841	-0.0001	0.9954	0.9954	0.0000
2024-02-29T10:36:02	1	0	2	2	0	1.0619	1.0613	-0.0006	0.9349	0.9199	0.0150
2024-02-29T10:38:22	1	0	126	125	1	1.0559	1.0559	0.0000	-0.9852	-0.9851	-0.0001
2024-02-29T10:40:54	1	0	13	12	1	1.0499	1.0492	-0.0007	0.9969	0.9968	0.0001
2024-02-29T10:45:24	2	0	4	4	0	0.9746	0.9737	-0.0009	0.9896	0.9894	0.0002
2024-02-29T10:45:38	1	0	19	19	0	0.9783	0.9785	0.0002	0.9524	0.9523	0.0001
2024-02-29T10:49:23	3	0	2	1	1	1.0447	1.0272	-0.0175	0.9932	0.993	0.0002
2024-02-29T10:49:26	1	0	46	43	3	1.0576	1.0575	-0.0001	0.9975	0.9974	0.0001
2024-02-29T10:49:57	5	0	15	14	1	1.0525	1.0512	-0.0013	0.9984	0.9982	0.0002
2024-02-29T10:50:12	1	0	4	4	0	1.0382	1.0381	-0.0002	0.9953	0.9953	0.0000
2024-02-29T10:50:36	3	0	24	24	0	1.0540	1.0540	0.0000	0.952	0.9517	0.0003
2024-02-29T10:50:57	2	0	1	0	1	1.0553	null	null	0.9943	0.9942	0.0001
2024-02-29T10:52:30	1	0	85	77	8	0.9832	0.9858	0.0026	0.9916	0.9916	0.0000
2024-02-29T10:53:23	1	0	174	168	6	1.0567	1.0567	0.0000	-0.9822	-0.9822	0.0000
2024-02-29T10:53:37	2	0	87	85	2	0.9226	0.9233	0.0008	0.9952	0.9953	-0.0001
2024-02-29T10:54:56	2	0	1	0	1	1.0553	null	null	0.995	0.995	0.0000
2024-02-29T10:54:59	1	0	2	2	0	1.0346	1.0344	-0.0002	0.9675	0.9674	0.0001
2024-02-29T10:56:15	5	0	39	39	0	0.9405	0.9407	0.0001	-0.9952	-0.9953	0.0001
2024-02-29T10:56:55	1	0	1	1	0	1.0358	1.0343	-0.0015	0.9886	0.9884	0.0002
2024-02-29T10:59:31	1	0	10	10	0	1.0472	1.0472	0.0000	-0.9991	-0.9991	0.0000
2024-02-29T10:59:37	2	0	28	27	1	1.0531	1.0530	-0.0001	0.9963	0.9963	0.0000
2024-02-29T11:00:23	2	0	81	79	2	1.0491	1.0489	-0.0002	0.9934	0.9934	0.0000
2024-02-29T11:01:43	3	0	8	8	0	1.0110	1.0107	-0.0003	0.9895	0.9893	0.0002
2024-02-29T11:02:25	4	0	122	107	15	1.0549	1.0547	-0.0003	0.9971	0.9971	0.0000
2024-02-29T11:02:36	5	0	64	62	2	1.0536	1.0535	-0.0001	0.9783	0.9781	0.0002
2024-02-29T11:02:37	1	0	1	0	1	1.0556	null	null	0.9799	0.9798	0.0001
2024-02-29T11:03:30	2	0	1	1	0	0.9737	0.9746	0.0009	0.9991	0.9991	0.0000
2024-02-29T11:03:54	2	0	16	14	2	1.0437	1.0425	-0.0013	-0.9969	-0.9969	0.0000
2024-02-29T11:03:57	1	0	56	54	2	1.0581	1.0579	-0.0002	0.9899	0.9897	0.0002
2024-02-29T11:05:43	4	0	38	37	1	1.0453	1.0452	-0.0001	0.9998	0.9998	0.0000

2024-02-29T11:05:58	2	0	1	1	0	1.0577	1.0573	-0.0004	0.998	0.9979	0.0001
2024-02-29T11:06:40	1	0	13	13	0	0.9487	0.9489	0.0003	0.9995	0.9995	0.0000
2024-02-29T11:08:35	10	0	246	232	14	1.0599	1.0598	-0.0002	-0.9766	-0.9767	0.0001
2024-02-29T11:09:30	1	0	1	1	0	0.9845	0.9849	0.0004	0.9788	0.9789	-0.0001
2024-02-29T11:10:10	2	0	1	1	0	1.0564	1.0557	-0.0007	0.9959	0.9957	0.0002
2024-02-29T11:11:42	1	0	1	1	0	1.0398	1.0395	-0.0003	-0.9878	-0.9878	0.0000
2024-02-29T11:11:58	1	0	2	2	0	1.0313	1.0310	-0.0003	0.9844	0.9843	0.0001
2024-02-29T11:14:38	2	0	29	29	0	1.0535	1.0535	0.0000	0.9966	0.9965	0.0001
2024-02-29T11:15:48	1	0	1	1	0	1.0429	1.0420	-0.0009	0.9998	0.9998	0.0000
2024-02-29T11:16:20	2	0	1	1	0	1.0129	1.0119	-0.0010	0.9867	0.9863	0.0004
2024-02-29T11:16:38	2	0	1	1	0	1.0301	1.0295	-0.0006	0.9761	0.9753	0.0008
2024-02-29T11:16:51	3	0	1	0	1	1.0400	null	null	0.9954	0.995	0.0004
2024-02-29T11:17:33	1	0	91	89	2	1.0526	1.0525	0.0000	0.9969	0.9969	0.0000
2024-02-29T11:17:38	1	0	1	1	0	1.0570	1.0562	-0.0008	0.9789	0.9788	0.0001
2024-02-29T11:18:15	1	0	68	67	1	1.0587	1.0587	0.0000	0.991	0.9909	0.0001
2024-02-29T11:18:46	2	0	3	3	0	1.0001	0.9998	-0.0003	-1	-1	0.0000
2024-02-29T11:20:38	1	0	33	31	2	1.0561	1.0560	-0.0001	0.9517	0.9515	0.0002
2024-02-29T11:20:51	1	0	85	85	0	0.9307	0.9309	0.0002	0.9832	0.9833	-0.0001
2024-02-29T11:26:59	1	0	6	6	0	0.9701	0.9704	0.0003	0.9792	0.9793	-0.0001
2024-02-29T11:28:49	1	0	17	17	0	1.0468	1.0468	-0.0001	0.9994	0.9994	0.0000
2024-02-29T11:28:52	1	0	202	202	0	1.0558	1.0558	0.0000	-0.9947	-0.9946	-0.0001
2024-02-29T11:28:52	3	0	31	30	1	1.0485	1.0485	0.0000	0.9969	0.9969	0.0000
2024-02-29T11:29:33	1	0	12	12	0	1.0480	1.0480	0.0000	-0.9985	-0.9985	0.0000
2024-02-29T11:30:04	2	0	3	3	0	0.9835	0.9833	-0.0002	0.9724	0.9722	0.0002
2024-02-29T11:30:27	2	0	1	1	0	0.9428	0.9428	0.0000	0.9904	0.9904	0.0000
2024-02-29T11:30:41	1	0	21	21	0	1.0571	1.0571	0.0000	0.9608	0.9608	0.0000
2024-02-29T11:31:07	2	0	24	24	0	1.0484	1.0484	0.0000	-0.9671	-0.97	0.0029
2024-02-29T11:31:53	3	0	1	1	0	1.0072	1.0066	-0.0006	0.9778	0.9777	0.0001
2024-02-29T11:32:38	5	0	49	50	-1	1.0522	1.0523	0.0001	0.9784	0.9784	0.0000
2024-02-29T11:32:41	10	0	108	107	1	1.0544	1.0544	0.0000	0.9966	0.9966	0.0000
2024-02-29T11:32:44	1	0	1	1	0	1.0602	1.0600	-0.0002	0.9782	0.9781	0.0001
2024-02-29T11:33:47	3	0	3	4	-1	1.0069	1.0164	0.0095	-0.9999	-0.9995	-0.0004
2024-02-29T11:34:17	1	0	25	25	0	0.9433	0.9433	0.0000	0.9688	0.9686	0.0002
2024-02-29T11:34:34	1	0	2	1	1	1.0437	1.0267	-0.0170	0.9921	0.992	0.0001
2024-02-29T11:34:52	2	0	80	79	1	1.0594	1.0593	-0.0001	0.9975	0.9974	0.0001
2024-02-29T11:35:12	2	0	13	13	0	1.0526	1.0525	-0.0001	0.9632	0.9626	0.0006
2024-02-29T11:35:58	1	0	1	1	0	1.0375	1.0375	0.0000	-0.991	-0.9906	-0.0004
2024-02-29T11:39:18	1	0	1	1	0	1.0571	1.0571	0.0000	0.9968	0.9967	0.0001
2024-02-29T11:40:07	2	0	11	11	0	1.0432	1.0432	0.0000	0.9651	0.9651	0.0000
2024-02-29T11:40:23	3	0	1	1	0	1.0585	1.0582	-0.0003	0.9956	0.9923	0.0033
2024-02-29T11:43:53	1	0	303	303	0	1.0580	1.0580	0.0000	-0.9934	-0.9933	-0.0001
2024-02-29T11:44:34	1	0	18	18	0	1.0474	1.0474	0.0000	-0.999	-0.999	0.0000
2024-02-29T11:45:28	2	0	3	3	0	1.0118	1.0118	0.0000	0.9935	0.9935	0.0000
2024-02-29T11:45:54	2	0	1	2	-1	1.0404	1.0423	0.0019	0.9999	0.9999	0.0000
2024-02-29T11:46:08	3	0	14	14	0	1.0437	1.0437	0.0000	-0.9777	-0.9776	-0.0001
2024-02-29T11:47:01	3	0	1	1	0	1.0055	1.0053	-0.0002	0.9771	0.9771	0.0000
2024-02-29T11:47:39	10	0	81	78	3	1.0542	1.0541	-0.0001	0.9781	0.978	0.0001
2024-02-29T11:49:18	1	0	63	63	0	0.9412	0.9412	0.0000	0.9698	0.9696	0.0002
2024-02-29T11:49:42	1	0	2	2	0	1.0263	1.0263	0.0000	0.9933	0.9933	0.0000
2024-02-29T11:49:58	2	0	14	11	3	1.0531	1.0525	-0.0006	0.998	0.998	0.0000
2024-02-29T11:50:14	2	0	14	14	0	1.0530	1.0530	0.0000	0.9626	0.9626	0.0000
2024-02-29T11:53:25	1	0	1	1	0	1.0381	1.0381	0.0000	0.999	0.999	0.0000
2024-02-29T11:53:41	3	0	2	3	-1	0.9407	0.9418	0.0012	0.9979	0.9978	0.0001
2024-02-29T11:53:58	9	0	240	235	5	1.0606	1.0605	0.0000	-0.9781	-0.9782	0.0001
2024-02-29T11:54:19	1	0	1	1	0	1.0596	1.0596	0.0000	0.9972	0.9972	0.0000
2024-02-29T11:55:08	1	0	4	4	0	1.0247	1.0247	0.0000	0.9439	0.9439	0.0000
2024-02-29T11:55:10	1	0	37	36	1	1.0472	1.0470	-0.0002	0.9957	0.9957	0.0000
2024-02-29T11:55:27	1	0	39	38	1	0.9383	0.9383	0.0000	0.9812	0.9812	0.0000
2024-02-29T11:55:30	1	0	47	47	0	1.0531	1.0531	0.0000	0.9976	0.9976	0.0000
2024-02-29T11:57:57	6	0	50	47	3	1.0501	1.0496	-0.0005	-1	-1	0.0000
2024-02-29T12:00:27	2	0	104	103	1	1.0505	1.0504	-0.0001	0.994	0.994	0.0000
2024-02-29T12:00:55	2	0	8	11	-3	1.0471	1.0466	-0.0005	0.9999	0.9999	0.0000
2024-02-29T12:01:11	4	0	25	25	0	1.0568	1.0567	-0.0001	-0.9789	-0.9792	0.0003
2024-02-29T12:02:40	12	0	126	123	3	1.0550	1.0550	0.0000	0.9783	0.9782	0.0001
2024-02-29T12:04:19	1	0	4	4	0	0.9419	0.9419	0.0000	0.9704	0.9702	0.0002
2024-02-29T12:05:13	1	0	35	35	0	1.0572	1.0572	0.0000	0.9993	0.9993	0.0000
2024-02-29T12:05:15	2	0	23	22	1	1.0542	1.0541	-0.0001	0.9797	0.9799	-0.0002
2024-02-29T12:06:00	1	0	1	1	0	1.0408	1.0408	0.0000	-0.9862	-0.9857	-0.0005
2024-02-29T12:08:00	1	0	4	4	0	1.0459	1.0455	-0.0004	0.9695	0.9691	0.0004
2024-02-29T12:09:24	1	0	1	1	0	1.0604	1.0604	0.0000	0.9976	0.9976	0.0000
2024-02-29T12:10:09	1	0	22	21	1	1.0460	1.0455	-0.0005	0.9667	0.9667	0.0000
2024-02-29T12:15:30	2	0	1	1	0	1.0589	1.0589	0.0000	0.9832	0.9833	-0.0001
2024-02-29T12:19:05	2	0	11	10	1	1.0437	1.0424	-0.0013	0.9541	0.9497	0.0044
2024-02-29T12:25:21	1	0	10	9	1	1.0493	1.0484	-0.0008	0.9995	0.9995	0.0000
2024-02-29T12:40:05	1	0	1	1	0	1.0591	1.0591	0.0000	-0.9859	-0.9859	0.0000
2024-02-29T12:40:09	2	0	14	13	1	1.0497	1.0492	-0.0005	-0.9936	-0.9936	0.0000
2024-02-29T12:40:33	3	0	1	2	-1	1.0636	1.0597	-0.0039	0.996	0.9946	0.0014
2024-02-29T12:48:52	3	0	3	4	-1	0.9351	0.9622	0.0271	-0.9999	-0.9999	0.0000
2024-02-29T12:50:16	1	0	22	20	2	1.0551	1.0556	0.0005	0.9982	0.9981	0.0001
2024-02-29T12:56:57	1	0	3	3	0	1.0492	1.0492	0.0000	-0.9945	-0.9945	0.0000
2024-02-29T12:59:39	2	0	27	26	1	1.0479	1.0476	-0.0003	-0.9977	-0.9977	0.0000
2024-02-29T13:00:33	2	0	2	2	0	0.9367	0.9368	0.0001	0.9791	0.9792	-0.0001
2024-02-29T13:02:55	1	0	5	7	-2	1.0604	1.0605	0.0001	0.9746	0.9785	-0.0039
2024-02-29T13:12:06	1	0	1	1	0	1.0563	1.0563	0.0000	0.9864	0.9854	0.0010
2024-02-29T13:12:56	1	0	12	11	1	1.0483	1.0476	-0.0007	-0.9995	-0.9995	0.0000

2024-02-29T13:14:36	2	0	3	1	2	1.0530	1.0462	-0.0068	-0.9065	-0.9062	-0.0003
2024-02-29T13:15:48	1	0	6	6	0	1.0561	1.0561	0.0000	0.9613	0.9614	-0.0001
2024-02-29T13:17:15	1	0	3	3	0	1.0139	1.0139	0.0000	0.9779	0.976	0.0019
2024-02-29T13:23:47	3	0	5	6	-1	0.9424	0.9426	0.0002	0.9949	0.9949	0.0000
2024-02-29T13:24:14	13	0	347	343	4	1.0616	1.0616	0.0000	-0.9745	-0.9744	-0.0001
2024-02-29T13:33:55	2	0	69	63	6	1.0589	1.0584	-0.0005	-0.9689	-0.9743	0.0054
2024-02-29T13:36:58	2	0	2	2	0	1.0446	1.0443	-0.0004	0.9265	0.9259	0.0006
2024-02-29T13:37:11	1	0	186	186	0	1.0555	1.0555	0.0000	-0.9892	-0.9891	-0.0001
2024-02-29T13:39:24	7	0	357	351	6	1.0623	1.0622	-0.0001	-0.9732	-0.9735	0.0003
2024-02-29T13:41:33	6	0	4	5	-1	1.0070	1.0101	0.0031	-0.9854	-0.9852	-0.0002
2024-02-29T13:41:54	1	0	7	7	0	1.0442	1.0440	-0.0003	0.9747	0.9732	0.0015
2024-02-29T13:42:09	1	0	5	5	0	1.0126	1.0104	-0.0022	0.9794	0.9781	0.0013
2024-02-29T13:43:04	2	0	69	67	2	1.0509	1.0507	-0.0002	-0.9999	-0.9999	0.0000
2024-02-29T13:45:36	1	0	4	4	0	1.0069	1.0066	-0.0004	0.9814	0.9812	0.0002
2024-02-29T13:50:24	1	0	49	48	1	1.0579	1.0587	0.0007	0.9993	0.9993	0.0000
2024-02-29T13:54:35	5	0	513	509	4	1.0628	1.0628	0.0000	-0.9729	-0.973	0.0001
2024-02-29T13:56:55	2	0	28	26	2	1.0616	1.0614	-0.0002	0.9753	0.9752	0.0001
2024-02-29T13:58:05	3	0	75	74	1	1.0519	1.0518	-0.0001	-0.9998	-0.9998	0.0000
2024-02-29T13:59:07	1	0	7	6	1	1.0484	1.0462	-0.0022	-0.9932	-0.9936	0.0004
2024-02-29T14:00:35	1	0	127	126	1	1.0521	1.0521	0.0000	0.9941	0.9941	0.0000
2024-02-29T14:02:53	2	0	186	180	6	1.0557	1.0556	-0.0001	0.9796	0.9795	0.0001
2024-02-29T14:02:59	1	0	1	1	0	1.0590	1.0589	-0.0001	0.9806	0.9806	0.0000
2024-02-29T14:04:06	9	0	59	58	1	0.9275	0.9280	0.0005	0.9978	0.9979	-0.0001
2024-02-29T14:05:12	4	0	5	5	0	1.0493	1.0493	0.0000	0.9831	0.9834	-0.0003
2024-02-29T14:05:25	1	0	69	70	-1	1.0618	1.0615	-0.0003	0.9986	0.9986	0.0000
2024-02-29T14:05:27	2	0	24	23	1	1.0550	1.0548	-0.0003	0.986	0.9851	0.0009
2024-02-29T14:05:42	4	0	12	11	1	1.0497	1.0490	-0.0007	0.9984	0.9985	-0.0001
2024-02-29T14:06:02	1	0	3	3	0	1.0341	1.0341	0.0000	0.9845	0.9845	0.0000
2024-02-29T14:06:02	1	0	11	11	0	1.0444	1.0443	0.0000	0.9935	0.9953	-0.0018
2024-02-29T14:06:06	3	0	8	9	-1	1.0535	1.0541	0.0005	-0.9674	-0.9667	-0.0007
2024-02-29T14:06:08	1	0	2	2	0	1.0350	1.0350	-0.0001	-0.9979	-0.9978	-0.0001
2024-02-29T14:06:18	1	0	11	11	0	1.0496	1.0495	-0.0001	-0.9986	-0.9986	0.0000
2024-02-29T14:06:42	1	0	1	1	0	1.0454	1.0454	0.0000	0.9941	0.9941	0.0000
2024-02-29T14:09:43	17	0	537	529	8	1.0633	1.0632	-0.0001	-0.9752	-0.9755	0.0003
2024-02-29T14:10:20	1	0	14	13	1	1.0511	1.0507	-0.0004	-0.9893	-0.9892	-0.0001
2024-02-29T14:10:35	1	0	22	20	2	1.0484	1.0482	-0.0003	1	1	0.0000
2024-02-29T14:10:49	2	0	2	2	0	1.0498	1.0494	-0.0004	0.9963	0.9962	0.0001
2024-02-29T14:11:35	2	0	1	1	0	1.0393	1.0388	-0.0005	-0.9858	-0.9857	-0.0001
2024-02-29T14:13:27	1	0	2	2	0	1.0311	1.0311	0.0000	0.9996	0.9996	0.0000
2024-02-29T14:14:03	3	0	67	65	2	1.0529	1.0529	0.0000	0.9985	0.9985	0.0000
2024-02-29T14:14:09	6	0	10	8	2	1.0449	1.0410	-0.0039	-0.9934	-0.9936	0.0002
2024-02-29T14:15:01	1	0	2	2	0	1.0332	1.0331	-0.0001	0.9916	0.9916	0.0000
2024-02-29T14:15:30	1	0	4	4	0	1.0193	1.0192	-0.0001	0.9746	0.9745	0.0001
2024-02-29T14:17:19	3	0	3	3	0	1.0145	1.0143	-0.0003	0.9772	0.977	0.0002
2024-02-29T14:17:32	3	0	11	10	1	1.0512	1.0507	-0.0005	0.9976	0.9976	0.0000
2024-02-29T14:17:57	10	0	298	289	9	1.0569	1.0568	-0.0001	0.9792	0.979	0.0002
2024-02-29T14:18:00	10	0	248	246	2	1.0541	1.0540	-0.0001	0.9919	0.9934	-0.0015
2024-02-29T14:18:00	1	0	1	1	0	1.0565	1.0562	-0.0003	0.9788	0.9788	0.0000
2024-02-29T14:18:27	1	0	117	117	0	1.0612	1.0612	0.0000	0.9904	0.9904	0.0000
2024-02-29T14:18:43	1	0	1	1	0	1.0371	1.0370	-0.0001	0.9997	0.9998	-0.0001
2024-02-29T14:18:58	2	0	16	15	1	1.0394	1.0383	-0.0011	-0.9989	-0.9981	-0.0008
2024-02-29T14:19:07	2	0	72	72	0	0.9141	0.9143	0.0002	0.9994	0.9993	0.0001
2024-02-29T14:20:13	4	0	5	5	0	1.0494	1.0493	0.0000	0.9847	0.9846	0.0001
2024-02-29T14:20:26	1	0	6	7	-1	1.0492	1.0487	-0.0006	0.9986	0.9986	0.0000
2024-02-29T14:20:28	2	0	22	21	1	1.0545	1.0543	-0.0003	0.9878	0.9869	0.0009
2024-02-29T14:20:40	1	0	69	66	3	1.0604	1.0602	-0.0002	0.9986	0.9985	0.0001
2024-02-29T14:20:43	2	0	28	27	1	1.0490	1.0487	-0.0003	-0.9992	-0.9992	0.0000
2024-02-29T14:21:07	3	0	9	9	0	1.0548	1.0546	-0.0002	-0.9687	-0.9693	0.0006
2024-02-29T14:21:29	1	0	2	2	0	1.0648	1.0647	-0.0002	-0.05158	-0.05245	0.0009
2024-02-29T14:21:43	1	0	3	3	0	1.0435	1.0435	0.0000	0.9943	0.9943	0.0000
2024-02-29T14:22:01	2	0	2	2	0	1.0449	1.0446	-0.0004	0.9277	0.927	0.0007
2024-02-29T14:22:08	1	0	4	4	0	1.0271	1.0270	-0.0002	0.9916	0.9916	0.0000
2024-02-29T14:22:31	3	0	43	35	8	1.0590	1.0585	-0.0005	0.998	0.9979	0.0001
2024-02-29T14:23:11	1	0	2	2	0	1.0425	1.0425	0.0000	0.9927	0.9927	0.0000
2024-02-29T14:24:55	8	0	213	210	3	1.0599	1.0599	0.0000	-0.9773	-0.9773	0.0000
2024-02-29T14:25:55	3	0	1	1	0	1.0597	1.0593	-0.0004	0.9964	0.9963	0.0001
2024-02-29T14:26:36	3	0	2	2	0	1.0319	1.0313	-0.0007	-0.9872	-0.9872	0.0000
2024-02-29T14:27:11	2	0	15	14	1	0.9640	0.9655	0.0015	0.9794	0.9781	0.0013
2024-02-29T14:27:25	1	0	18	18	0	1.0526	1.0523	-0.0003	0.98	0.9797	0.0003
2024-02-29T14:29:04	2	0	63	63	0	1.0514	1.0513	-0.0001	0.9987	0.9986	0.0001
2024-02-29T14:29:09	2	0	2	2	0	1.0284	1.0273	-0.0011	-0.9946	-0.9949	0.0003
2024-02-29T14:29:45	2	0	16	16	0	1.0492	1.0492	0.0000	-0.9934	-0.9934	0.0000
2024-02-29T14:30:39	2	0	2	2	0	1.0232	1.0228	-0.0005	0.9836	0.9833	0.0003
2024-02-29T14:30:54	1	0	6	6	0	1.0452	1.0451	0.0000	0.984	0.984	0.0000
2024-02-29T14:32:25	3	0	2	2	0	1.0054	1.0051	-0.0004	0.9799	0.9797	0.0002
2024-02-29T14:32:32	2	0	17	17	0	1.0403	1.0402	-0.0001	0.9961	0.996	0.0001
2024-02-29T14:33:01	1	0	1	1	0	1.0585	1.0580	-0.0005	0.9851	0.985	0.0001
2024-02-29T14:33:02	3	0	189	186	3	1.0558	1.0558	0.0000	0.9809	0.9809	0.0000
2024-02-29T14:33:10	8	0	90	88	2	1.0535	1.0534	-0.0001	0.9947	0.9947	0.0000
2024-02-29T14:33:59	2	0	38	35	3	1.0532	1.0531	-0.0001	-0.9737	-0.9737	0.0000
2024-02-29T14:34:09	2	0	51	51	0	0.9308	0.9310	0.0002	0.9993	0.9993	0.0000
2024-02-29T14:34:27	3	0	74	74	0	1.0574	1.0573	-0.0001	0.9635	0.9634	0.0001
2024-02-29T14:34:58	2	0	2	2	0	1.0256	1.0253	-0.0004	0.9773	0.9769	0.0004
2024-02-29T14:35:48	2	0	39	40	-1	1.0557	1.0552	-0.0005	0.9978	0.9978	0.0000
2024-02-29T14:36:14	3	0	10	10	0	1.0551	1.0549	-0.0002	-0.9684	-0.9689	0.0005

2024-02-29T14:36:23	1	0	7	7	0	1.0489	1.0488	-0.0001	-1	-1	0.0000
2024-02-29T14:36:33	1	0	2	2	0	1.0667	1.0664	-0.0004	0.2302	0.2257	0.0045
2024-02-29T14:37:10	1	0	6	6	0	1.0299	1.0299	0.0000	0.9914	0.9914	0.0000
2024-02-29T14:37:32	1	0	5	5	0	1.0519	1.0518	0.0000	0.9828	0.9828	0.0000
2024-02-29T14:38:11	2	0	16	15	1	1.0493	1.0489	-0.0004	0.9726	0.9725	0.0001
2024-02-29T14:40:06	4	0	192	190	2	1.0594	1.0594	0.0000	-0.9796	-0.9796	0.0000
2024-02-29T14:40:56	3	0	1	1	0	1.0613	1.0612	-0.0001	0.9972	0.9972	0.0000
2024-02-29T14:41:37	3	0	2	2	0	1.0339	1.0336	-0.0003	-0.9888	-0.9887	-0.0001
2024-02-29T14:42:12	3	0	15	13	2	0.9654	0.9687	0.0034	0.9791	0.9792	-0.0001
2024-02-29T14:42:26	1	0	18	17	1	1.0529	1.0525	-0.0004	0.9973	0.9973	0.0000
2024-02-29T14:42:42	1	0	21	20	1	1.0517	1.0512	-0.0005	0.9799	0.9796	0.0003
2024-02-29T14:44:02	1	0	18	18	0	1.0488	1.0488	0.0000	0.9988	0.9988	0.0000
2024-02-29T14:44:05	2	0	71	71	0	1.0523	1.0523	0.0000	0.9988	0.9988	0.0000
2024-02-29T14:44:11	1	0	5	5	0	1.0472	1.0471	-0.0001	-0.9941	-0.9941	0.0000
2024-02-29T14:44:46	2	0	25	25	0	1.0483	1.0483	0.0000	-0.9955	-0.9955	0.0000
2024-02-29T14:45:40	2	0	6	6	0	1.0219	1.0216	-0.0002	0.9861	0.9859	0.0002
2024-02-29T14:48:03	2	0	290	284	6	1.0567	1.0566	0.0000	0.9793	0.9792	0.0001
2024-02-29T14:48:21	4	0	192	188	4	1.0534	1.0534	0.0001	0.9966	0.9965	0.0001
2024-02-29T14:49:09	2	0	105	101	4	0.9155	0.9162	0.0006	0.9976	0.9975	0.0001
2024-02-29T14:50:07	1	0	1	0	1	1.0255	null	null	0.9785	0.9783	0.0002
2024-02-29T14:50:28	2	0	8	8	0	1.0465	1.0465	0.0000	0.9969	0.9967	0.0002
2024-02-29T14:51:12	1	0	2	2	0	0.9885	0.9884	-0.0001	-0.9971	-0.9969	-0.0002
2024-02-29T14:51:15	3	0	7	7	0	1.0500	1.0499	-0.0001	-0.982	-0.9823	0.0003
2024-02-29T14:53:15	1	0	15	15	0	1.0480	1.0480	0.0000	0.972	0.9719	0.0001
2024-02-29T14:55:22	8	0	410	397	13	1.0616	1.0616	-0.0001	-0.9732	-0.9733	0.0001
2024-02-29T15:04:19	1	0	4	4	0	1.0425	1.0424	-0.0001	0.9934	0.9934	0.0000
2024-02-29T15:05:18	1	0	1	0	1	1.0275	null	null	0.9816	0.9816	0.0000
2024-02-29T15:05:33	3	0	31	28	3	1.0563	1.0561	-0.0002	0.9878	0.9869	0.0009
2024-02-29T15:06:56	1	0	10	10	0	0.9718	0.9718	0.0000	0.9994	0.9994	0.0000
2024-02-29T15:09:54	1	0	12	11	1	1.0510	1.0504	-0.0006	0.9895	0.989	0.0005
2024-02-29T15:10:40	1	0	71	70	1	0.9337	0.9340	0.0003	0.9792	0.9792	0.0000
2024-02-29T15:15:57	1	0	17	17	0	1.0483	1.0483	0.0000	0.9873	0.9873	0.0000
2024-02-29T15:17:42	1	0	2	2	0	1.0163	1.0160	-0.0003	0.9803	0.9802	0.0001
2024-02-29T15:18:26	2	0	25	24	1	1.0522	1.0521	-0.0001	0.9329	0.9328	0.0001
2024-02-29T15:20:19	1	0	1	1	0	1.0331	1.0331	0.0000	0.9519	0.9518	0.0001
2024-02-29T15:20:54	1	0	79	73	6	1.0566	1.0566	0.0000	0.9554	0.9554	0.0000
2024-02-29T15:30:52	2	0	1	1	0	1.0130	1.0125	-0.0005	0.9716	0.9714	0.0002
2024-02-29T15:41:41	1	0	2	2	0	0.9891	0.9892	0.0001	-0.9889	-0.9886	-0.0003
2024-02-29T15:44:50	1	0	28	28	0	1.0478	1.0477	-0.0001	-0.9934	-0.9934	0.0000
2024-02-29T15:48:31	1	0	27	26	1	1.0523	1.0522	-0.0001	0.9395	0.9394	0.0001
2024-02-29T15:50:30	1	0	1	1	0	1.0261	1.0257	-0.0004	0.9803	0.9801	0.0002
2024-02-29T15:52:07	2	0	3	3	0	1.0331	1.0330	-0.0001	0.9304	0.9303	0.0001
2024-02-29T15:52:20	1	0	436	436	0	1.0600	1.0600	0.0000	-0.9763	-0.9762	-0.0001
2024-02-29T15:56:42	1	0	3	3	0	1.0187	1.0184	-0.0002	-0.9893	-0.9892	-0.0001
2024-02-29T15:58:34	1	0	12	12	0	0.9615	0.9616	0.0001	0.9964	0.9964	0.0000
2024-02-29T16:04:35	1	0	3	3	0	0.9620	0.9619	-0.0001	0.9709	0.9706	0.0003
2024-02-29T16:06:50	1	0	1	1	0	1.0378	1.0378	0.0000	0.9935	0.9935	0.0000
2024-02-29T16:29:37	3	0	2	2	0	1.0328	1.0323	-0.0005	-0.9948	-0.995	0.0002
2024-02-29T16:56:46	1	0	26	18	8	0.9445	0.9453	0.0008	-0.9946	-0.9933	-0.0013
2024-02-29T17:07:25	1	0	368	368	0	1.0573	1.0573	0.0000	-0.9782	-0.9782	0.0000
2024-02-29T17:11:47	1	0	48	48	0	0.9434	0.9435	0.0001	-0.9943	-0.9941	-0.0002
2024-02-29T17:31:38	1	0	5	5	0	0.9414	0.9417	0.0002	0.9983	0.9983	0.0000
2024-02-29T18:15:31	1	0	185	185	0	0.9268	0.9269	0.0001	0.967	0.9666	0.0004
2024-03-01T07:52:04	1	0	104	104	0	0.9239	0.9239	0.0000	0.989	0.989	0.0000
2024-03-01T08:01:37	1	0	330	330	0	0.8835	0.8836	0.0001	0.9906	0.9906	0.0000
2024-03-01T08:10:24	1	0	75	74	1	1.0582	1.0582	0.0000	-1	-1	0.0000
2024-03-01T08:10:46	1	0	78	78	0	0.9384	0.9385	0.0001	-0.9895	-0.9892	-0.0003
2024-03-01T08:13:06	1	0	85	85	0	0.9332	0.9333	0.0001	0.9991	0.9991	0.0000
2024-03-01T08:20:28	3	0	271	269	2	1.0615	1.0614	-0.0001	0.9833	0.9832	0.0001
2024-03-01T08:39:44	2	0	6	6	0	1.0416	1.0416	0.0000	-0.9928	-0.9928	0.0000
2024-03-01T08:40:48	1	0	18	18	0	0.9498	0.9497	-0.0001	-0.9873	-0.9854	-0.0019
2024-03-01T08:46:10	1	0	15	15	0	1.0210	1.0210	0.0000	0.9967	0.9967	0.0000
2024-03-01T08:51:59	1	0	133	133	0	1.0658	1.0657	-0.0001	0.9907	0.9907	0.0000
2024-03-01T09:01:11	1	0	10	10	0	1.0148	1.0148	0.0000	0.9904	0.9904	0.0000
2024-03-01T09:01:41	1	0	275	275	0	0.9068	0.9068	0.0000	0.9923	0.9922	0.0001
2024-03-01T09:03:42	1	0	12	12	0	1.0487	1.0486	-0.0001	-0.9982	-0.9982	0.0000
2024-03-01T09:04:07	1	0	19	17	2	1.0490	1.0479	-0.0011	0.9997	0.9997	0.0000
2024-03-01T09:07:00	1	0	120	117	3	1.0617	1.0616	-0.0001	0.9905	0.9906	-0.0001
2024-03-01T09:08:16	1	0	8	8	0	1.0363	1.0363	0.0000	0.9999	0.9999	0.0000
2024-03-01T09:08:23	1	0	171	171	0	1.0584	1.0584	0.0000	-0.9831	-0.983	-0.0001
2024-03-01T09:09:32	2	0	9	9	0	1.0517	1.0514	-0.0003	0.9878	0.9875	0.0003
2024-03-01T09:10:50	1	0	5	5	0	0.9736	0.9734	-0.0002	-0.9821	-0.982	-0.0001
2024-03-01T09:14:35	3	0	31	31	0	1.0535	1.0535	0.0000	0.9966	0.9967	-0.0001
2024-03-01T09:16:42	3	0	221	219	2	0.9269	0.9270	0.0001	0.9932	0.993	0.0002
2024-03-01T09:19:54	1	0	7	8	-1	1.0535	1.0537	0.0002	0.9972	0.9972	0.0000
2024-03-01T09:20:32	5	0	165	162	3	1.0572	1.0570	-0.0002	0.964	0.9636	0.0004
2024-03-01T09:20:53	1	0	2	2	0	1.0343	1.0341	-0.0003	-0.9991	-0.9991	0.0000
2024-03-01T09:33:54	3	0	1	0	1	1.0317	null	null	0.999	0.999	0.0000
2024-03-01T09:34:55	4	0	8	8	0	1.0542	1.0538	-0.0004	0.9971	0.997	0.0001
2024-03-01T09:35:27	1	0	16	15	1	1.0462	1.0456	-0.0006	0.9992	0.9992	0.0000
2024-03-01T09:35:37	7	0	86	77	9	1.0599	1.0591	-0.0008	1	0.9999	0.0001
2024-03-01T09:37:02	1	0	137	137	0	1.0736	1.0734	-0.0002	0.9914	0.9914	0.0000
2024-03-01T09:38:25	3	0	242	236	6	1.0596	1.0596	0.0000	-0.9771	-0.977	-0.0001
2024-03-01T09:40:54	1	0	3	4	-1	1.0051	1.0091	0.0040	-0.9804	-0.9802	-0.0002
2024-03-01T09:42:22	1	0	8	8	0	1.0469	1.0469	0.0000	0.9942	0.9942	0.0000

2024-03-01T09:44:16	1	0	2	2	0	1.0466	1.0465	-0.0002	-0.9986	-0.9986	0.0000
2024-03-01T09:45:53	1	0	2	2	0	1.0022	1.0027	0.0005	0.9936	0.9937	-0.0001
2024-03-01T09:46:00	1	0	16	15	1	1.0480	1.0474	-0.0006	0.9923	0.9922	0.0001
2024-03-01T09:46:18	2	0	1	1	0	1.0323	1.0317	-0.0006	0.9905	0.9902	0.0003
2024-03-01T09:48:45	1	0	8	8	0	1.0469	1.0468	-0.0001	-0.9978	-0.9978	0.0000
2024-03-01T09:50:34	2	0	271	263	8	1.0605	1.0607	0.0002	0.9645	0.9642	0.0003
2024-03-01T09:52:17	1	0	3	3	0	0.9167	0.9168	0.0001	0.993	0.9931	-0.0001
2024-03-01T09:55:55	1	0	6	6	0	0.9919	0.9920	0.0001	-0.9865	-0.9864	-0.0001
2024-03-01T09:58:34	2	0	1	1	0	1.0085	1.0080	-0.0005	-0.9814	-0.9814	0.0000
2024-03-01T09:58:51	1	0	28	26	2	1.0491	1.0491	0.0000	0.9979	0.9979	0.0000
2024-03-01T09:59:38	3	0	35	31	4	1.0544	1.0541	-0.0002	0.9957	0.9957	0.0000
2024-03-01T10:00:26	1	0	2	2	0	1.0156	1.0147	-0.0009	0.9686	0.9685	0.0001
2024-03-01T10:00:29	1	0	1	1	0	1.0331	1.0326	-0.0005	0.9964	0.9962	0.0002
2024-03-01T10:00:44	3	0	88	86	2	1.0494	1.0492	-0.0002	0.9937	0.9937	0.0000
2024-03-01T10:01:45	1	0	213	213	0	0.9202	0.9202	0.0000	0.991	0.9907	0.0003
2024-03-01T10:03:56	1	0	2	2	0	1.0408	1.0405	-0.0003	1	1	0.0000
2024-03-01T10:03:57	2	0	36	32	4	1.0567	1.0565	-0.0003	0.9994	0.9994	0.0000
2024-03-01T10:04:18	4	0	10	10	0	1.0470	1.0466	-0.0004	0.999	0.999	0.0000
2024-03-01T10:05:03	1	0	20	19	1	1.0525	1.0521	-0.0003	0.9751	0.9741	0.0010
2024-03-01T10:05:11	2	0	1	1	0	1.0382	1.0375	-0.0007	0.9768	0.9766	0.0002
2024-03-01T10:05:35	4	0	220	216	4	1.0593	1.0593	0.0000	0.966	0.9657	0.0003
2024-03-01T10:06:40	1	0	1	0	1	1.0557	null	null	-0.9997	-0.9997	0.0000
2024-03-01T10:09:34	1	0	57	57	0	1.0517	1.0525	0.0007	0.9593	0.9593	0.0000
2024-03-01T10:10:07	1	0	54	54	0	1.0484	1.0484	0.0000	0.9982	0.9982	0.0000
2024-03-01T10:10:52	2	0	1	0	1	1.0071	null	null	-0.9992	-0.9992	0.0000
2024-03-01T10:11:00	1	0	21	20	1	1.0484	1.0481	-0.0004	-0.9989	-0.9989	0.0000
2024-03-01T10:13:12	1	0	15	15	0	1.0368	1.0367	0.0000	0.9773	0.9772	0.0001
2024-03-01T10:13:52	1	0	24	24	0	1.0486	1.0485	0.0000	0.9989	0.9989	0.0000
2024-03-01T10:13:56	1	0	3	3	0	1.0437	1.0430	-0.0007	-0.9958	-0.996	0.0002
2024-03-01T10:14:32	2	0	18	17	1	1.0470	1.0470	0.0001	-0.9978	-0.9978	0.0000
2024-03-01T10:17:03	1	0	1	1	0	1.0407	1.0398	-0.0009	0.9964	0.9963	0.0001
2024-03-01T10:19:08	1	0	62	60	2	1.0576	1.0575	-0.0001	0.9997	0.9997	0.0000
2024-03-01T10:19:19	3	0	11	8	3	1.0465	1.0434	-0.0031	0.9993	0.9993	0.0000
2024-03-01T10:19:45	1	0	6	6	0	1.0436	1.0432	-0.0004	-0.9889	-0.9891	0.0002
2024-03-01T10:20:30	1	0	23	22	1	1.0494	1.0491	-0.0003	0.9998	0.9998	0.0000
2024-03-01T10:20:55	3	0	8	8	0	1.0533	1.0530	-0.0004	-0.9806	-0.9815	0.0009
2024-03-01T10:21:41	1	0	4	4	0	1.0401	1.0399	-0.0002	-0.9995	-0.9995	0.0000
2024-03-01T10:23:55	13	0	504	453	51	1.0616	1.0613	-0.0002	-0.9741	-0.9745	0.0004
2024-03-01T10:24:35	1	0	66	66	0	1.0555	1.0555	0.0000	0.9603	0.9602	0.0001
2024-03-01T10:24:58	3	0	3	3	0	1.0437	1.0434	-0.0003	0.9996	0.9996	0.0000
2024-03-01T10:25:08	2	0	62	61	1	1.0485	1.0483	-0.0001	0.9982	0.9982	0.0000
2024-03-01T10:26:59	1	0	47	46	1	1.0547	1.0546	-0.0001	-0.9998	-0.9998	0.0000
2024-03-01T10:28:45	1	0	19	19	0	1.0493	1.0492	-0.0001	0.9997	0.9996	0.0001
2024-03-01T10:30:28	2	0	3	3	0	1.0090	1.0088	-0.0002	0.9636	0.9633	0.0003
2024-03-01T10:30:43	3	0	3	2	1	1.0447	1.0362	-0.0085	0.9944	0.9943	0.0001
2024-03-01T10:30:46	4	0	118	115	3	1.0515	1.0513	-0.0002	0.9939	0.9939	0.0000
2024-03-01T10:31:00	1	0	23	23	0	1.0471	1.0471	0.0000	0.9997	0.9997	0.0000
2024-03-01T10:31:28	2	0	4	4	0	1.0091	1.0088	-0.0003	0.9865	0.9864	0.0001
2024-03-01T10:33:05	1	0	75	72	3	1.0312	1.0311	-0.0001	0.9431	0.943	0.0001
2024-03-01T10:33:58	2	0	2	2	0	1.0265	1.0262	-0.0004	0.9873	0.9872	0.0001
2024-03-01T10:34:20	2	0	14	12	2	1.0453	1.0444	-0.0009	0.9995	0.9995	0.0000
2024-03-01T10:35:37	2	0	262	260	2	1.0609	1.0609	0.0000	0.9659	0.9656	0.0003
2024-03-01T10:35:41	4	0	73	67	6	1.0587	1.0584	-0.0003	-1	-1	0.0000
2024-03-01T10:39:07	1	0	256	249	7	1.0593	1.0593	0.0000	-0.9743	-0.9742	-0.0001
2024-03-01T10:40:34	1	0	8	8	0	1.0482	1.0481	-0.0002	0.999	0.999	0.0000
2024-03-01T10:41:31	3	0	26	25	1	1.0574	1.0568	-0.0006	0.9806	0.9804	0.0002
2024-03-01T10:42:00	2	0	45	45	0	1.0544	1.0543	-0.0001	-0.9997	-0.9997	0.0000
2024-03-01T10:43:15	2	0	15	15	0	1.0390	1.0389	-0.0001	0.9787	0.9785	0.0002
2024-03-01T10:44:20	3	0	3	3	0	1.0480	1.0475	-0.0006	-0.9945	-0.995	0.0005
2024-03-01T10:44:34	1	0	28	28	0	1.0479	1.0478	0.0000	-0.9965	-0.9966	0.0001
2024-03-01T10:45:29	1	0	2	2	0	1.0138	1.0135	-0.0003	0.9568	0.9565	0.0003
2024-03-01T10:47:20	2	0	20	20	0	1.0416	1.0416	0.0000	0.9921	0.992	0.0001
2024-03-01T10:47:28	5	0	37	36	1	1.0512	1.0506	-0.0005	0.9998	0.9998	0.0000
2024-03-01T10:48:04	1	0	15	15	0	1.0488	1.0487	-0.0001	0.9953	0.9953	0.0000
2024-03-01T10:49:05	1	0	8	7	1	1.0556	1.0546	-0.0010	0.9837	0.9835	0.0002
2024-03-01T10:49:39	1	0	3	3	0	1.0342	1.0340	-0.0002	0.985	0.9849	0.0001
2024-03-01T10:50:08	1	0	25	24	1	1.0547	1.0543	-0.0004	0.9637	0.9619	0.0018
2024-03-01T10:50:17	2	0	18	18	0	1.0520	1.0519	-0.0001	0.9986	0.9985	0.0001
2024-03-01T10:50:45	6	0	23	22	1	1.0450	1.0437	-0.0013	-0.9972	-0.9974	0.0002
2024-03-01T10:51:07	2	0	10	9	1	1.0519	1.0521	0.0002	0.9295	0.9719	-0.0424
2024-03-01T10:52:29	1	0	4	4	0	1.0249	1.0249	0.0000	0.9433	0.9433	0.0000
2024-03-01T10:52:59	1	0	9	9	0	1.0469	1.0468	-0.0002	0.9699	0.9694	0.0005
2024-03-01T10:54:20	5	0	506	494	12	1.0626	1.0626	0.0000	-0.9692	-0.9693	0.0001
2024-03-01T10:54:39	1	0	19	18	1	1.0551	1.0551	0.0000	0.988	0.9879	0.0001
2024-03-01T10:55:10	2	0	60	59	1	1.0483	1.0481	-0.0002	0.9977	0.9977	0.0000
2024-03-01T10:56:02	1	0	2	2	0	1.0292	1.0291	-0.0001	-0.9793	-0.9793	0.0000
2024-03-01T10:56:59	1	0	2	2	0	1.0256	1.0253	-0.0004	0.9811	0.981	0.0001
2024-03-01T10:57:03	2	0	51	51	0	1.0558	1.0557	-0.0001	-1	-1	0.0000
2024-03-01T10:57:38	1	0	4	4	0	1.0193	1.0192	-0.0001	0.9728	0.9726	0.0002
2024-03-01T10:58:17	1	0	16	16	0	1.0387	1.0386	-0.0001	0.9766	0.9765	0.0001
2024-03-01T11:01:07	1	0	21	21	0	1.0468	1.0468	0.0000	0.9957	0.9957	0.0000
2024-03-01T11:01:44	2	0	6	6	0	1.0426	1.0421	-0.0005	0.9932	0.993	0.0002
2024-03-01T11:02:21	1	0	20	20	0	1.0454	1.0454	0.0000	0.9912	0.9911	0.0001
2024-03-01T11:02:29	4	0	42	40	2	1.0533	1.0526	-0.0007	1	1	0.0000
2024-03-01T11:02:44	1	0	1	0	1	1.0557	null	null	0.9827	0.9826	0.0001

2024-03-01T11:02:44	2	0	31	30	1	1.0514	1.0512	-0.0001	0.9819	0.9818	0.0001
2024-03-01T11:03:07	1	0	20	20	0	1.0101	1.0102	0.0001	0.9523	0.952	0.0003
2024-03-01T11:04:04	2	0	1	1	0	1.0244	1.0239	-0.0005	0.9799	0.9797	0.0002
2024-03-01T11:04:08	1	0	1	1	0	1.0306	1.0303	-0.0003	-0.9999	-0.9999	0.0000
2024-03-01T11:05:01	1	0	2	2	0	1.0335	1.0332	-0.0004	0.9928	0.9928	0.0000
2024-03-01T11:05:39	3	0	245	238	7	1.0617	1.0617	-0.0001	0.9641	0.9634	0.0007
2024-03-01T11:06:02	2	0	1	0	1	1.0558	null	null	0.9985	0.9983	0.0002
2024-03-01T11:09:40	1	0	9	9	0	1.0479	1.0479	0.0000	0.9803	0.9796	0.0007
2024-03-01T11:10:42	2	0	5	5	0	1.0364	1.0363	-0.0001	0.7537	0.7507	0.0030
2024-03-01T11:11:58	1	0	1	1	0	1.0564	1.0559	-0.0005	0.9905	0.9902	0.0003
2024-03-01T11:13:18	1	0	15	15	0	1.0405	1.0405	0.0000	0.9773	0.9772	0.0001
2024-03-01T11:13:36	1	0	1	0	1	1.0285	null	null	0.9935	0.9934	0.0001
2024-03-01T11:13:56	1	0	23	23	0	1.0471	1.0471	-0.0001	0.9981	0.998	0.0001
2024-03-01T11:14:36	1	0	30	30	0	1.0479	1.0479	0.0000	-0.9965	-0.9965	0.0000
2024-03-01T11:14:43	1	0	41	40	1	1.0553	1.0552	-0.0001	0.9958	0.9957	0.0001
2024-03-01T11:16:39	4	0	5	5	0	1.0156	1.0148	-0.0008	0.9883	0.9879	0.0004
2024-03-01T11:16:56	5	0	3	3	0	1.0334	1.0330	-0.0005	0.9827	0.9799	0.0028
2024-03-01T11:17:37	1	0	47	45	2	1.0547	1.0547	-0.0001	1	1	0.0000
2024-03-01T11:17:45	1	0	1	1	0	1.0586	1.0577	-0.0009	0.9803	0.9802	0.0001
2024-03-01T11:17:45	3	0	39	38	1	1.0521	1.0519	-0.0002	0.9828	0.9827	0.0001
2024-03-01T11:18:51	1	0	2	2	0	1.0345	1.0344	-0.0001	-0.9882	-0.9882	0.0000
2024-03-01T11:19:01	2	0	1	0	1	1.0252	null	null	0.9866	0.9865	0.0001
2024-03-01T11:19:07	1	0	13	13	0	1.0565	1.0563	-0.0002	0.9815	0.9815	0.0000
2024-03-01T11:20:39	1	0	30	29	1	1.0530	1.0529	-0.0001	0.9999	0.9999	0.0000
2024-03-01T11:23:08	1	0	21	20	1	1.0054	1.0028	-0.0026	-0.9993	-0.9993	0.0000
2024-03-01T11:24:47	1	0	208	205	3	1.0599	1.0599	0.0000	-0.9794	-0.9794	0.0000
2024-03-01T11:26:04	1	0	1	1	0	1.0306	1.0298	-0.0008	-0.979	-0.9778	-0.0012
2024-03-01T11:26:32	2	0	19	19	0	1.0457	1.0455	-0.0002	0.9942	0.994	0.0002
2024-03-01T11:27:50	1	0	20	19	1	1.0480	1.0475	-0.0005	-0.9992	-0.9992	0.0000
2024-03-01T11:28:26	2	0	17	17	0	1.0481	1.0481	0.0000	0.9949	0.9948	0.0001
2024-03-01T11:28:42	1	0	1	1	0	1.0293	1.0285	-0.0008	0.993	0.9928	0.0002
2024-03-01T11:29:37	2	0	41	41	0	1.0497	1.0496	-0.0001	-0.9968	-0.9969	0.0001
2024-03-01T11:29:52	1	0	80	79	1	1.0531	1.0531	0.0000	-0.9836	-0.9836	0.0000
2024-03-01T11:30:37	2	0	1	1	0	1.0567	1.0566	-0.0001	0.9766	0.9766	0.0000
2024-03-01T11:31:03	1	0	3	3	0	1.0286	1.0286	0.0000	0.9036	0.9034	0.0002
2024-03-01T11:31:47	8	0	4	4	0	1.0135	1.0135	0.0000	0.9875	0.9875	0.0000
2024-03-01T11:32:00	2	0	1	0	1	1.0560	null	null	-0.9991	-0.9992	0.0001
2024-03-01T11:32:09	1	0	1	1	0	1.0395	1.0387	-0.0008	0.9969	0.9968	0.0001
2024-03-01T11:32:23	2	0	6	7	-1	1.0430	1.0433	0.0003	0.9943	0.9942	0.0001
2024-03-01T11:32:52	1	0	1	1	0	1.0612	1.0610	-0.0002	0.9783	0.9782	0.0001
2024-03-01T11:33:15	1	0	27	26	1	1.0512	1.0511	-0.0001	0.9062	0.9062	0.0000
2024-03-01T11:34:08	1	0	68	9	59	1.0610	1.0554	-0.0056	0.9849	0.9747	0.0102
2024-03-01T11:35:03	4	0	5	5	0	1.0486	1.0486	0.0000	0.9808	0.9809	-0.0001
2024-03-01T11:35:16	2	0	25	23	2	1.0544	1.0541	-0.0003	0.9586	0.958	0.0006
2024-03-01T11:37:03	2	0	2	2	0	1.0589	1.0587	-0.0003	-0.9805	-0.9806	0.0001
2024-03-01T11:38:26	5	0	11	10	1	1.0388	1.0387	-0.0001	1	1	0.0000
2024-03-01T11:40:44	2	0	1	1	0	1.0232	1.0232	0.0000	0.8515	0.8519	-0.0004
2024-03-01T11:41:05	4	0	2	1	1	1.0472	1.0341	-0.0131	-0.9755	-0.9759	0.0004
2024-03-01T11:42:00	1	0	2	3	-1	1.0571	1.0495	-0.0077	0.9902	0.9903	-0.0001
2024-03-01T11:42:41	1	0	3	3	0	1.0313	1.0313	0.0000	0.9737	0.9737	0.0000
2024-03-01T11:43:27	2	0	17	17	0	1.0488	1.0488	0.0000	0.9953	0.9953	0.0000
2024-03-01T11:44:03	3	0	7	5	2	1.0466	1.0429	-0.0037	-0.9924	-0.9925	0.0001
2024-03-01T11:44:45	1	0	44	44	0	1.0495	1.0495	0.0000	-0.9961	-0.9962	0.0001
2024-03-01T11:45:33	4	0	5	6	-1	1.0344	1.0297	-0.0047	0.961	0.9612	-0.0002
2024-03-01T11:45:38	3	0	2	2	0	1.0473	1.0472	-0.0002	0.9756	0.9756	0.0000
2024-03-01T11:46:01	2	0	2	2	0	1.0419	1.0418	-0.0001	0.9963	0.9962	0.0001
2024-03-01T11:47:10	1	0	2	2	0	1.0460	1.0457	-0.0003	0.997	0.9969	0.0001
2024-03-01T11:47:47	3	0	38	38	0	1.0523	1.0523	0.0000	0.9831	0.9831	0.0000
2024-03-01T11:49:07	2	0	3	4	-1	1.0404	1.0442	0.0038	0.9807	0.9807	0.0000
2024-03-01T11:49:11	1	0	5	5	0	1.0468	1.0468	0.0000	-0.9997	-0.9997	0.0000
2024-03-01T11:49:15	1	0	144	61	83	1.0629	1.0607	-0.0022	0.9871	0.9824	0.0047
2024-03-01T11:49:25	9	0	12	13	-1	1.0499	1.0504	0.0005	0.9967	0.9967	0.0000
2024-03-01T11:50:04	4	0	6	6	0	1.0486	1.0486	0.0000	0.9802	0.9803	-0.0001
2024-03-01T11:50:18	2	0	31	29	2	1.0565	1.0564	-0.0001	0.9851	0.985	0.0001
2024-03-01T11:53:10	1	0	39	39	0	1.0486	1.0484	-0.0002	-0.9975	-0.9975	0.0000
2024-03-01T11:55:45	2	0	1	1	0	1.0281	1.0280	-0.0001	0.8502	0.8507	-0.0005
2024-03-01T11:57:01	2	0	6	6	0	1.0564	1.0563	-0.0001	0.9921	0.9921	0.0000
2024-03-01T11:59:04	5	0	9	9	0	1.0442	1.0439	-0.0003	-0.9907	-0.9909	0.0002
2024-03-01T11:59:37	2	0	3	1	2	1.0531	1.0458	-0.0073	-0.9174	-0.9171	-0.0003
2024-03-01T11:59:54	1	0	73	73	0	1.0526	1.0526	0.0000	-0.9837	-0.9837	0.0000
2024-03-01T12:00:34	4	0	3	4	-1	1.0372	1.0322	-0.0050	0.9598	0.96	-0.0002
2024-03-01T12:00:39	2	0	3	2	1	1.0067	1.0419	0.0351	0.9763	0.9763	0.0000
2024-03-01T12:01:02	2	0	2	3	-1	1.0428	1.0207	-0.0220	0.9967	0.9967	0.0000
2024-03-01T12:02:26	2	0	7	8	-1	1.0416	1.0400	-0.0016	0.9953	0.9953	0.0000
2024-03-01T12:04:16	1	0	239	47	192	1.0645	1.0613	-0.0032	0.9873	0.9825	0.0048
2024-03-01T12:05:05	4	0	7	7	0	1.0493	1.0493	0.0000	0.9818	0.982	-0.0002
2024-03-01T12:05:20	2	0	41	38	3	1.0571	1.0571	0.0001	0.9868	0.9868	0.0000
2024-03-01T12:05:42	6	0	110	108	2	1.0585	1.0584	-0.0001	-0.9966	-0.9968	0.0002
2024-03-01T12:08:11	1	0	42	42	0	1.0472	1.0471	-0.0001	-0.9975	-0.9975	0.0000
2024-03-01T12:08:46	1	0	1	1	0	1.0354	1.0354	0.0000	-0.9962	-0.9962	0.0000
2024-03-01T12:10:46	2	0	2	2	0	1.0275	1.0274	-0.0001	0.8543	0.8547	-0.0004
2024-03-01T12:12:43	1	0	3	3	0	1.0308	1.0308	0.0000	0.9679	0.968	-0.0001
2024-03-01T12:13:29	2	0	8	8	0	1.0465	1.0465	0.0000	0.9946	0.9947	-0.0001
2024-03-01T12:13:50	1	0	2	3	-1	1.0301	1.0302	0.0001	0.9944	0.9944	0.0000
2024-03-01T12:16:13	1	0	24	23	1	1.0546	1.0546	0.0000	-0.9902	-0.9903	0.0001

2024-03-01T12:23:13	1	0	29	28	1	1.0406	1.0399	-0.0006	-0.9988	-0.9988	0.0000
2024-03-01T12:27:03	2	0	18	18	0	0.9447	0.9448	0.0001	0.9866	0.9868	-0.0002
2024-03-01T12:30:36	2	0	1	1	0	1.0554	1.0554	0.0000	0.9678	0.9679	-0.0001
2024-03-01T12:30:41	2	0	4	5	-1	1.0321	1.0148	-0.0173	0.9789	0.979	-0.0001
2024-03-01T12:33:01	1	0	7	11	-4	1.0617	1.0605	-0.0012	0.9822	0.9823	-0.0001
2024-03-01T12:33:29	2	0	7	5	2	1.0525	1.0506	-0.0019	0.9803	0.9803	0.0000
2024-03-01T12:34:13	2	0	4	3	1	1.0436	1.0391	-0.0045	0.9419	0.9418	0.0001
2024-03-01T12:49:19	1	0	4	5	-1	1.0493	1.0509	0.0016	0.9762	0.9763	-0.0001
2024-03-01T12:54:56	1	0	75	75	0	1.0587	1.0587	0.0000	-0.9828	-0.9829	0.0001
2024-03-01T12:56:10	4	0	3	4	-1	1.0266	1.0268	0.0002	-0.9785	-0.9773	-0.0012
2024-03-01T12:59:08	7	0	12	14	-2	1.0475	1.0485	0.0011	-0.9907	-0.9905	-0.0002
2024-03-01T12:59:50	2	0	47	47	0	1.0500	1.0501	0.0000	-0.9952	-0.9952	0.0000
2024-03-01T13:00:11	2	0	5	5	0	1.0553	1.0546	-0.0007	0.9842	0.9841	0.0001
2024-03-01T13:04:17	1	0	5	5	0	1.0462	1.0462	0.0000	-0.9991	-0.9991	0.0000
2024-03-01T13:11:39	2	0	8	9	-1	1.0407	1.0410	0.0003	0.9957	0.9958	-0.0001
2024-03-01T13:15:44	1	0	3	3	0	1.0346	1.0346	0.0000	0.9777	0.9777	0.0000
2024-03-01T13:21:42	1	0	1	1	0	1.0393	1.0393	0.0000	0.9963	0.9963	0.0000
2024-03-01T13:22:10	1	0	2	2	0	1.0574	1.0574	0.0000	-0.9913	-0.9913	0.0000
2024-03-01T13:22:18	1	0	1	0	1	0.9444	null	null	-1	-1	0.0000
2024-03-01T13:23:22	1	0	21	20	1	1.0215	1.0196	-0.0018	-0.9984	-0.9984	0.0000
2024-03-01T13:24:58	1	0	85	84	1	1.0592	1.0592	0.0000	-0.9822	-0.9824	0.0002
2024-03-01T13:34:22	1	0	7	7	0	1.0537	1.0533	-0.0003	0.9784	0.9783	0.0001
2024-03-01T13:37:11	1	0	1	1	0	1.0599	1.0599	0.0000	-0.9899	-0.9899	0.0000
2024-03-01T13:38:23	1	0	25	25	0	1.0404	1.0402	-0.0001	-0.9988	-0.9988	0.0000
2024-03-01T13:42:59	1	0	2	2	0	1.0505	1.0505	0.0000	0.9974	0.9975	-0.0001
2024-03-01T13:45:02	1	0	55	53	2	1.0515	1.0514	-0.0002	-0.9906	-0.9906	0.0000
2024-03-01T13:45:41	1	0	5	5	0	1.0299	1.0298	-0.0001	0.9642	0.9641	0.0001
2024-03-01T13:47:42	1	0	14	13	1	1.0467	1.0460	-0.0006	-1	-1	0.0000
2024-03-01T13:53:24	1	0	33	33	0	1.0318	1.0316	-0.0002	-0.9971	-0.9971	0.0000
2024-03-01T13:56:42	2	0	14	13	1	1.0448	1.0451	0.0003	0.9911	0.991	0.0001
2024-03-01T13:58:04	1	0	80	80	0	1.1121	1.1111	-0.0010	-0.9988	-0.9997	0.0009
2024-03-01T14:00:17	2	0	97	95	2	1.0536	1.0535	-0.0001	-0.9879	-0.9879	0.0000
2024-03-01T14:01:10	2	0	1	1	0	0.9723	0.9728	0.0005	0.984	0.9839	0.0001
2024-03-01T14:03:07	1	0	1	1	0	1.0578	1.0567	-0.0011	0.9833	0.9831	0.0002
2024-03-01T14:04:24	1	0	14	14	0	1.0563	1.0562	-0.0001	0.9774	0.9773	0.0001
2024-03-01T14:04:48	2	0	57	57	0	1.0587	1.0586	-0.0001	0.9969	0.9969	0.0000
2024-03-01T14:04:52	1	0	1	1	0	1.0366	1.0366	0.0000	0.9524	0.9524	0.0000
2024-03-01T14:05:33	2	0	36	35	1	1.0565	1.0563	-0.0002	0.9848	0.9838	0.0010
2024-03-01T14:05:50	7	0	83	80	3	1.0571	1.0569	-0.0002	-0.9979	-0.998	0.0001
2024-03-01T14:06:10	3	0	3	4	-1	1.0505	1.0496	-0.0009	-0.9999	-0.9999	0.0000
2024-03-01T14:11:15	2	0	1	1	0	1.0353	1.0348	-0.0005	-0.9759	-0.976	0.0001
2024-03-01T14:12:10	1	0	2	2	0	1.0517	1.0513	-0.0004	0.9906	0.9904	0.0002
2024-03-01T14:12:14	1	0	3	3	0	1.0543	1.0543	0.0000	0.9891	0.9891	0.0000
2024-03-01T14:14:31	1	0	1	1	0	1.0321	1.0316	-0.0005	0.9863	0.9861	0.0002
2024-03-01T14:15:18	2	0	52	51	1	1.0497	1.0499	0.0001	-0.9926	-0.9926	0.0000
2024-03-01T14:15:45	3	0	2	2	0	1.0331	1.0331	0.0000	0.9944	0.9942	0.0002
2024-03-01T14:15:48	2	0	2	2	0	1.0257	1.0254	-0.0003	0.9837	0.9837	0.0000
2024-03-01T14:16:01	3	0	123	121	2	1.0518	1.0517	-0.0001	0.9936	0.9936	0.0000
2024-03-01T14:16:11	2	0	1	1	0	0.9714	0.9717	0.0003	0.983	0.9831	-0.0001
2024-03-01T14:17:21	2	0	1	1	0	1.0589	1.0589	0.0000	0.9953	0.9953	0.0000
2024-03-01T14:18:08	1	0	1	1	0	1.0588	1.0585	-0.0003	0.9881	0.9881	0.0000
2024-03-01T14:19:21	2	0	3	3	0	1.0439	1.0438	-0.0001	0.9778	0.9778	0.0000
2024-03-01T14:19:22	1	0	2	2	0	1.0370	1.0368	-0.0002	-0.9976	-0.9976	0.0000
2024-03-01T14:19:35	7	0	29	27	2	1.0519	1.0516	-0.0003	0.9987	0.9986	0.0001
2024-03-01T14:20:35	2	0	32	31	1	1.0566	1.0563	-0.0003	0.9869	0.986	0.0009
2024-03-01T14:20:36	3	0	22	16	6	1.0551	1.0555	0.0004	-0.7694	-0.7714	0.0020
2024-03-01T14:20:55	4	0	70	67	3	1.0584	1.0580	-0.0004	-1	-1	0.0000
2024-03-01T14:21:29	2	0	7	7	0	1.0525	1.0525	0.0000	-0.9399	-0.9405	0.0006
2024-03-01T14:23:26	1	0	18	17	1	1.0391	1.0380	-0.0011	-0.9968	-0.9968	0.0000
2024-03-01T14:24:53	3	0	9	10	-1	1.0512	1.0507	-0.0005	0.9784	0.9788	-0.0004
2024-03-01T14:25:02	1	0	88	86	2	1.0596	1.0597	0.0001	-0.9805	-0.9808	0.0003
2024-03-01T14:25:17	2	0	6	7	-1	1.0486	1.0496	0.0010	-0.9945	-0.9944	-0.0001
2024-03-01T14:26:16	3	0	1	1	0	1.0365	1.0328	-0.0037	-0.981	-0.9817	0.0007
2024-03-01T14:27:11	1	0	1	1	0	1.0587	1.0586	-0.0001	0.9895	0.9895	0.0000
2024-03-01T14:27:31	1	0	1	1	0	1.0348	1.0344	-0.0004	-0.9979	-0.9977	-0.0002
2024-03-01T14:27:52	1	0	5	5	0	1.0205	1.0205	0.0000	0.9705	0.9704	0.0001
2024-03-01T14:29:44	2	0	21	21	0	1.0475	1.0474	-0.0001	-0.994	-0.9942	0.0002
2024-03-01T14:30:27	2	0	101	98	3	1.0535	1.0534	-0.0001	-0.9917	-0.9918	0.0001
2024-03-01T14:31:02	1	0	159	157	2	1.0532	1.0532	0.0000	0.9944	0.9944	0.0000
2024-03-01T14:31:13	2	0	1	1	0	0.9715	0.9718	0.0003	0.983	0.9831	-0.0001
2024-03-01T14:32:22	1	0	1	1	0	1.0595	1.0595	0.0000	0.9975	0.9975	0.0000
2024-03-01T14:32:36	3	0	23	23	0	1.0455	1.0454	-0.0001	0.9973	0.9972	0.0001
2024-03-01T14:32:57	2	0	54	52	2	1.0556	1.0556	-0.0001	-0.9999	-0.9999	0.0000
2024-03-01T14:33:09	1	0	1	1	0	1.0595	1.0589	-0.0006	0.9852	0.9851	0.0001
2024-03-01T14:33:15	3	0	29	27	2	1.0523	1.0524	0.0001	0.9984	0.9983	0.0001
2024-03-01T14:34:22	2	0	3	3	0	1.0415	1.0414	-0.0001	0.9778	0.9778	0.0000
2024-03-01T14:34:23	1	0	2	2	0	1.0295	1.0295	0.0000	-0.9973	-0.9973	0.0000
2024-03-01T14:34:36	7	0	47	45	2	1.0545	1.0544	-0.0001	0.9981	0.9981	0.0000
2024-03-01T14:34:55	2	0	53	49	4	1.0603	1.0605	0.0002	0.9982	0.9981	0.0001
2024-03-01T14:35:37	2	0	47	45	2	1.0572	1.0570	-0.0003	0.9927	0.992	0.0007
2024-03-01T14:35:37	5	0	15	14	1	1.0540	1.0530	-0.0010	-0.7667	-0.7679	0.0012
2024-03-01T14:35:56	6	0	78	77	1	1.0575	1.0574	-0.0001	-0.9997	-0.9998	0.0001
2024-03-01T14:36:00	2	0	60	59	1	1.0473	1.0473	0.0000	-0.9895	-0.9895	0.0000
2024-03-01T14:36:12	3	0	1	1	0	1.0465	1.0460	-0.0005	-0.9998	-0.9999	0.0001
2024-03-01T14:36:34	1	0	2	2	0	1.0682	1.0679	-0.0003	0.9852	0.984	0.0012

2024-03-01T14:36:58	1	0	19	19	0	1.0094	1.0095	0.0001	0.9999	0.9999	0.0000
2024-03-01T14:37:46	4	0	1	1	0	1.0390	1.0378	-0.0012	-0.9968	-0.9969	0.0001
2024-03-01T14:38:27	1	0	33	29	4	1.0483	1.0470	-0.0013	-0.9969	-0.997	0.0001
2024-03-01T14:39:54	3	0	133	131	2	1.0583	1.0580	-0.0003	0.9916	0.9914	0.0002
2024-03-01T14:40:03	1	0	102	102	0	1.0588	1.0588	0.0000	-0.9792	-0.9792	0.0000
2024-03-01T14:40:56	2	0	19	19	0	0.9325	0.9336	0.0011	0.8469	0.8492	-0.0023
2024-03-01T14:41:18	4	0	2	2	0	1.0333	1.0331	-0.0002	-0.983	-0.983	0.0000
2024-03-01T14:41:45	2	0	6	6	0	1.0364	1.0363	-0.0001	0.9925	0.9909	0.0016
2024-03-01T14:42:12	1	0	1	1	0	1.0572	1.0571	-0.0001	0.9914	0.9913	0.0001
2024-03-01T14:42:32	1	0	1	1	0	1.0306	1.0305	-0.0001	-0.9988	-0.9987	-0.0001
2024-03-01T14:42:53	1	0	5	5	0	1.0210	1.0210	0.0000	0.9693	0.9693	0.0000
2024-03-01T14:44:23	3	0	3	3	0	1.0338	1.0336	-0.0003	-0.9915	-0.9916	0.0001
2024-03-01T14:44:37	2	0	8	8	0	1.0292	1.0290	-0.0002	0.9753	0.9788	-0.0035
2024-03-01T14:45:45	2	0	3	3	0	1.0283	1.0280	-0.0003	0.9711	0.9709	0.0002
2024-03-01T14:46:22	1	0	36	37	-1	1.0531	1.0531	0.0001	0.9887	0.9885	0.0002
2024-03-01T14:47:10	4	0	5	5	0	1.0107	1.0106	-0.0001	0.9891	0.989	0.0001
2024-03-01T14:48:16	3	0	33	31	2	1.0510	1.0514	0.0003	0.9987	0.9986	0.0001
2024-03-01T14:49:37	1	0	1	1	0	1.0129	1.0123	-0.0006	0.9714	0.9713	0.0001
2024-03-01T14:51:09	1	0	64	63	1	1.0485	1.0484	0.0000	-0.9861	-0.9862	0.0001
2024-03-01T14:53:28	1	0	33	30	3	1.0460	1.0448	-0.0012	-0.9969	-0.9969	0.0000
2024-03-01T14:55:25	2	0	5	5	0	1.0485	1.0485	0.0000	-0.9948	-0.9948	0.0000
2024-03-01T14:55:27	2	0	206	205	1	1.0595	1.0595	0.0000	-0.9861	-0.9861	0.0000
2024-03-01T14:58:09	1	0	1	0	1	1.0555	null	null	-0.9841	-0.984	-0.0001
2024-03-01T15:00:36	1	0	75	75	0	1.0527	1.0527	0.0000	-0.9933	-0.9933	0.0000
2024-03-01T15:00:46	2	0	7	7	0	1.0288	1.0285	-0.0003	0.9762	0.9759	0.0003
2024-03-01T15:00:51	2	0	2	2	0	1.0271	1.0268	-0.0002	0.9863	0.9863	0.0000
2024-03-01T15:05:18	1	0	17	18	-1	1.0404	1.0407	0.0003	0.9947	0.9947	0.0000
2024-03-01T15:05:59	2	0	38	38	0	1.0534	1.0534	0.0000	1	1	0.0000
2024-03-01T15:08:29	1	0	52	52	0	1.0508	1.0506	-0.0003	-0.9964	-0.9964	0.0000
2024-03-01T15:09:54	2	0	101	102	-1	1.0600	1.0594	-0.0006	0.965	0.9649	0.0001
2024-03-01T15:15:44	1	0	48	48	0	1.0499	1.0499	0.0000	-0.9913	-0.9913	0.0000
2024-03-01T15:23:30	1	0	43	42	1	1.0487	1.0483	-0.0004	-0.9965	-0.9965	0.0000
2024-03-01T15:23:47	5	0	6	6	0	1.0360	1.0358	-0.0002	-1	-1	0.0000
2024-03-01T15:25:19	1	0	47	44	3	1.0534	1.0532	-0.0002	0.9488	0.9487	0.0001
2024-03-01T15:30:45	1	0	139	138	1	1.0549	1.0549	0.0000	-0.9899	-0.99	0.0001
2024-03-01T15:30:53	1	0	3	3	0	1.0263	1.0262	-0.0001	0.9846	0.9846	0.0000
2024-03-01T15:32:26	1	0	5	5	0	1.0144	1.0143	-0.0001	0.9888	0.9887	0.0001
2024-03-01T15:34:30	1	0	358	358	0	1.0669	1.0669	0.0000	0.987	0.9879	-0.0009
2024-03-01T15:38:31	1	0	29	27	2	1.0428	1.0416	-0.0012	-0.9947	-0.9947	0.0000
2024-03-01T15:40:27	2	0	181	181	0	1.0599	1.0596	-0.0003	0.9565	0.9562	0.0003
2024-03-01T15:45:10	1	0	2	2	0	1.0479	1.0477	-0.0002	0.9857	0.9857	0.0000
2024-03-01T15:53:32	1	0	40	38	2	1.0461	1.0454	-0.0007	-0.9941	-0.9941	0.0000
2024-03-01T15:57:25	1	0	1	1	0	1.0312	1.0306	-0.0006	0.9905	0.9904	0.0001
2024-03-01T16:00:54	2	0	114	114	0	1.0541	1.0541	0.0000	-0.9851	-0.9851	0.0000
2024-03-01T16:05:28	1	0	3	3	0	1.0327	1.0323	-0.0004	0.9559	0.957	-0.0011
2024-03-01T16:08:33	1	0	37	33	4	1.0469	1.0457	-0.0012	-0.9954	-0.9954	0.0000
2024-03-01T16:13:41	1	0	9	9	0	0.9702	0.9706	0.0004	0.9967	0.9967	0.0000
2024-03-01T16:20:40	2	0	1	1	0	1.0573	1.0568	-0.0005	0.985	0.9849	0.0001
2024-03-01T16:35:00	2	0	1	1	0	1.0063	1.0059	-0.0004	-0.9992	-0.9992	0.0000
2024-03-01T16:37:29	3	0	1	1	0	1.0181	1.0174	-0.0007	0.9907	0.9906	0.0001
2024-03-02T09:01:11	2	0	5	5	0	1.0144	1.0144	0.0000	0.9983	0.9983	0.0000
2024-03-02T09:03:55	1	0	1	1	0	1.0122	1.0120	-0.0002	0.9979	0.9979	0.0000
2024-03-02T09:07:01	2	0	62	62	0	1.0100	1.0101	0.0001	-0.9992	-0.9991	-0.0001
2024-03-02T09:22:02	1	0	71	70	1	1.0606	1.0606	0.0000	-0.9983	-0.9983	0.0000
2024-03-02T09:24:35	2	0	1	1	0	1.0346	1.0341	-0.0005	0.9953	0.9952	0.0001
2024-03-02T09:25:34	1	0	171	168	3	1.0582	1.0581	-0.0001	0.9988	0.9988	0.0000
2024-03-02T09:30:53	1	0	1	1	0	0.9746	0.9752	0.0006	-0.9999	-0.9998	-0.0001
2024-03-02T09:35:37	7	0	1	1	0	0.9703	0.9718	0.0015	-0.9997	-0.9996	-0.0001
2024-03-02T09:36:42	1	0	6	6	0	1.0549	1.0547	-0.0003	-0.9939	-0.994	0.0001
2024-03-02T09:37:59	1	0	2	2	0	0.9922	0.9924	0.0003	0.9959	0.9961	-0.0002
2024-03-02T09:46:01	1	0	13	13	0	1.0468	1.0468	-0.0001	0.9927	0.9926	0.0001
2024-03-02T09:46:34	2	0	1	1	0	0.9909	0.9915	0.0006	-0.9692	-0.9682	-0.0010
2024-03-02T09:52:10	1	0	109	107	2	0.9222	0.9224	0.0002	-0.9998	-0.9998	0.0000
2024-03-02T09:53:00	1	0	1	1	0	0.9646	0.9656	0.0010	0.9962	0.9964	-0.0002
2024-03-02T09:55:49	1	0	177	169	8	1.0588	1.0586	-0.0002	0.9991	0.9991	0.0000
2024-03-02T09:59:15	1	0	1	1	0	1.0607	1.0603	-0.0004	-0.9962	-0.9961	-0.0001
2024-03-02T10:02:04	1	0	1	1	0	0.9960	0.9963	0.0003	-0.9813	-0.9812	-0.0001
2024-03-02T10:02:36	1	0	1	0	1	1.0610	null	null	0.9928	0.993	-0.0002
2024-03-02T10:03:46	2	0	2	1	1	1.0462	1.0452	-0.0010	-0.9842	-0.9846	0.0004
2024-03-02T10:04:16	1	0	39	35	4	0.9430	0.9431	0.0001	0.9962	0.9962	0.0000
2024-03-02T10:05:30	1	0	24	24	0	1.0482	1.0482	0.0000	1	1	0.0000
2024-03-02T10:05:39	3	0	2	2	0	0.9734	0.9737	0.0003	-0.9998	-0.9998	0.0000
2024-03-02T10:07:00	2	0	1	1	0	1.0194	1.0186	-0.0008	0.9994	0.9994	0.0000
2024-03-02T10:09:44	1	0	28	28	0	1.0241	1.0241	0.0000	0.9766	0.9766	0.0000
2024-03-02T10:10:58	1	0	160	156	4	1.0588	1.0586	-0.0002	0.9986	0.9985	0.0001
2024-03-02T10:16:17	2	0	4	4	0	1.0070	1.0067	-0.0003	0.9967	0.9966	0.0001
2024-03-02T10:19:04	1	0	193	9	184	1.0654	1.0576	-0.0078	0.9905	0.9841	0.0064
2024-03-02T10:20:14	2	0	106	106	0	0.9508	0.9507	-0.0001	0.9769	0.9768	0.0001
2024-03-02T10:21:45	1	0	9	9	0	0.9981	0.9981	0.0000	-0.9969	-0.9968	-0.0001
2024-03-02T10:22:06	1	0	81	79	2	1.0205	1.0203	-0.0002	-0.9995	-0.9995	0.0000
2024-03-02T10:22:12	2	0	115	115	0	0.9211	0.9212	0.0001	-1	-1	0.0000
2024-03-02T10:24:58	1	0	26	25	1	1.0509	1.0507	-0.0002	0.9635	0.9635	0.0000
2024-03-02T10:25:57	2	0	1	0	1	1.0084	null	null	-0.9913	-0.9913	0.0000
2024-03-02T10:26:08	1	0	64	58	6	0.9389	0.9393	0.0004	0.9886	0.9888	-0.0002
2024-03-02T10:26:58	2	0	1	0	1	0.9759	null	null	0.9907	0.9908	-0.0001

2024-03-02T10:29:36	2	0	14	14	0	1.0481	1.0480	-0.0001	-0.9828	-0.9829	0.0001
2024-03-02T10:31:00	1	0	6	6	0	1.0261	1.0261	0.0000	0.9587	0.958	0.0007
2024-03-02T10:32:06	1	0	1	1	0	0.9922	0.9925	0.0003	-0.9828	-0.9827	-0.0001
2024-03-02T10:32:38	3	0	6	5	1	0.9929	0.9608	-0.0321	0.9906	0.9908	-0.0002
2024-03-02T10:34:01	2	0	1	1	0	1.0113	1.0103	-0.0010	0.9936	0.9934	0.0002
2024-03-02T10:35:00	4	0	4	4	0	1.0490	1.0482	-0.0008	0.9997	0.9996	0.0001
2024-03-02T10:35:16	1	0	3	3	0	1.0385	1.0384	-0.0001	0.9976	0.9976	0.0000
2024-03-02T10:35:32	1	0	26	25	1	1.0501	1.0499	-0.0002	-1	-1	0.0000
2024-03-02T10:35:44	1	0	36	36	0	1.0525	1.0525	0.0000	-0.9559	-0.9559	0.0000
2024-03-02T10:39:34	1	0	1	1	0	0.9864	0.9867	0.0003	0.9822	0.9823	-0.0001
2024-03-02T10:39:46	4	0	45	44	1	1.0260	1.0257	-0.0003	0.9777	0.9776	0.0001
2024-03-02T10:40:55	2	0	1	1	0	1.0098	1.0082	-0.0016	-0.9827	-0.9823	-0.0004
2024-03-02T10:41:13	2	0	179	176	3	1.0588	1.0587	-0.0001	0.9989	0.9989	0.0000
2024-03-02T10:41:23	2	0	8	8	0	1.0452	1.0449	-0.0003	0.9876	0.9875	0.0001
2024-03-02T10:41:59	1	0	1	1	0	0.9760	0.9764	0.0004	0.9952	0.9952	0.0000
2024-03-02T10:43:17	1	0	8	8	0	1.0454	1.0453	-0.0001	0.9886	0.9885	0.0001
2024-03-02T10:45:32	3	0	1	0	1	1.0571	null	null	0.9962	0.9962	0.0000
2024-03-02T10:45:37	1	0	5	5	0	1.0473	1.0469	-0.0003	0.989	0.9889	0.0001
2024-03-02T10:46:33	1	0	5	5	0	1.0132	1.0130	-0.0002	0.9974	0.9973	0.0001
2024-03-02T10:47:07	1	0	1	1	0	0.9962	0.9965	0.0003	-0.9811	-0.981	-0.0001
2024-03-02T10:47:19	1	0	6	6	0	1.0327	1.0326	-0.0001	-1	-1	0.0000
2024-03-02T10:47:30	3	0	5	5	0	1.0480	1.0475	-0.0005	1	1	0.0000
2024-03-02T10:47:39	3	0	9	6	3	0.9952	0.9843	-0.0109	0.9923	0.9924	-0.0001
2024-03-02T10:49:06	2	0	85	63	22	1.0601	1.0567	-0.0034	0.9929	0.9887	0.0042
2024-03-02T10:49:17	3	0	1	1	0	1.0470	1.0463	-0.0007	-0.9958	-0.9958	0.0000
2024-03-02T10:50:50	1	0	41	39	2	1.0529	1.0529	0.0000	-0.9525	-0.9526	0.0001
2024-03-02T10:51:16	1	0	15	15	0	1.0484	1.0484	0.0000	-0.9936	-0.9937	0.0001
2024-03-02T10:55:04	1	0	3	3	0	1.0252	1.0252	-0.0001	0.9712	0.9711	0.0001
2024-03-02T10:57:53	1	0	1	0	1	1.0551	null	null	-0.9942	-0.9942	0.0000
2024-03-02T10:58:38	2	0	1	1	0	0.9940	0.9932	-0.0008	-0.9893	-0.9892	-0.0001
2024-03-02T11:01:42	2	0	2	2	0	1.0387	1.0382	-0.0006	0.9969	0.9968	0.0001
2024-03-02T11:02:20	1	0	5	5	0	1.0192	1.0193	0.0001	1	1	0.0000
2024-03-02T11:03:12	1	0	1	0	1	1.0555	null	null	0.9821	0.982	0.0001
2024-03-02T11:04:13	1	0	1	1	0	1.0403	1.0399	-0.0004	-0.9671	-0.9671	0.0000
2024-03-02T11:05:18	1	0	5	5	0	1.0428	1.0428	0.0000	0.9977	0.9976	0.0001
2024-03-02T11:05:40	1	0	11	11	0	1.0116	1.0116	0.0000	0.9854	0.9854	0.0000
2024-03-02T11:05:43	1	0	1	1	0	0.9717	0.9726	0.0009	-0.9998	-0.9999	0.0001
2024-03-02T11:05:50	1	0	40	40	0	1.0514	1.0513	-0.0001	-0.9504	-0.9504	0.0000
2024-03-02T11:06:08	1	0	9	9	0	1.0519	1.0517	-0.0003	-0.7401	-0.7435	0.0034
2024-03-02T11:10:01	1	0	25	24	1	1.0492	1.0488	-0.0004	0.9627	0.9625	0.0002
2024-03-02T11:11:36	2	0	7	7	0	1.0343	1.0341	-0.0003	0.9868	0.9866	0.0002
2024-03-02T11:12:57	2	0	9	7	2	1.0510	1.0491	-0.0020	-0.9936	-0.9938	0.0002
2024-03-02T11:13:13	1	0	18	17	1	1.0518	1.0516	-0.0003	0.9885	0.9885	0.0000
2024-03-02T11:14:44	1	0	16	16	0	1.0482	1.0482	0.0000	-0.984	-0.984	0.0000
2024-03-02T11:20:59	1	0	9	9	0	1.0318	1.0318	-0.0001	0.9974	0.9973	0.0001
2024-03-02T11:21:11	1	0	9	9	0	1.0523	1.0519	-0.0004	-0.775	-0.7778	0.0028
2024-03-02T11:23:06	2	0	1	1	0	1.0261	1.0261	0.0000	0.996	0.996	0.0000
2024-03-02T11:25:02	2	0	1	0	1	1.0550	null	null	-0.997	-0.9969	-0.0001
2024-03-02T11:31:36	2	0	12	11	1	1.0479	1.0473	-0.0007	-0.9243	-0.9243	0.0000
2024-03-02T11:31:55	5	0	5	5	0	1.0140	1.0138	-0.0002	0.9963	0.9963	0.0000
2024-03-02T11:32:33	5	0	5	5	0	1.0475	1.0471	-0.0004	-1	-1	0.0000
2024-03-02T11:32:42	2	0	2	1	1	0.9894	1.0391	0.0498	0.9924	0.9924	0.0000
2024-03-02T11:32:43	1	0	1	1	0	1.0581	1.0567	-0.0014	0.9925	0.9924	0.0001
2024-03-02T11:34:12	1	0	3	3	0	1.0491	1.0491	0.0000	0.9866	0.9866	0.0000
2024-03-02T11:35:21	2	0	4	4	0	0.9522	0.9522	0.0000	0.9767	0.9748	0.0019
2024-03-02T11:35:52	3	0	57	57	0	1.0513	1.0512	0.0000	-0.9485	-0.9484	-0.0001
2024-03-02T11:40:05	4	0	86	87	-1	1.0262	1.0262	0.0000	0.9767	0.9768	-0.0001
2024-03-02T11:41:45	3	0	147	149	-2	1.0589	1.0587	-0.0002	0.9985	0.9985	0.0000
2024-03-02T11:44:45	3	0	1	1	0	1.0576	1.0560	-0.0016	-0.9999	-0.9996	-0.0003
2024-03-02T11:47:03	5	0	5	5	0	1.0175	1.0173	-0.0002	0.9968	0.9968	0.0000
2024-03-02T11:47:43	2	0	1	0	1	0.9405	null	null	0.9926	0.9926	0.0000
2024-03-02T11:49:23	1	0	2	2	0	0.9432	0.9432	0.0000	0.9957	0.9957	0.0000
2024-03-02T11:50:22	4	0	33	31	2	0.9545	0.9542	-0.0002	0.9817	0.9832	-0.0015
2024-03-02T11:50:37	1	0	25	24	1	1.0516	1.0514	-0.0002	0.9989	0.9989	0.0000
2024-03-02T11:53:08	1	0	2	2	0	1.0257	1.0257	0.0000	0.9966	0.9965	0.0001
2024-03-02T11:55:04	2	0	35	33	2	1.0521	1.0518	-0.0003	0.963	0.963	0.0000
2024-03-02T11:56:50	3	0	112	108	4	1.0578	1.0577	-0.0002	0.9984	0.9984	0.0000
2024-03-02T11:57:04	3	0	1	1	0	1.0361	1.0361	0.0000	0.9975	0.9974	0.0001
2024-03-02T11:58:17	1	0	44	42	2	1.0546	1.0546	-0.0001	0.9891	0.9891	0.0000
2024-03-02T11:59:46	3	0	3	4	-1	1.0496	1.0511	0.0016	-1	-1	0.0000
2024-03-02T12:00:34	1	0	46	45	1	1.0484	1.0482	-0.0002	-0.998	-0.998	0.0000
2024-03-02T12:02:44	2	0	1	0	1	0.9442	null	null	0.9928	0.9928	0.0000
2024-03-02T12:04:03	3	0	2	0	2	1.0271	null	null	-0.994	-0.9941	0.0001
2024-03-02T12:04:24	1	0	51	51	0	0.9425	0.9425	0.0000	0.9953	0.9954	-0.0001
2024-03-02T12:05:23	4	0	23	23	0	0.9554	0.9553	-0.0001	0.9809	0.9827	-0.0018
2024-03-02T12:06:57	2	0	1	1	0	1.0562	1.0558	-0.0004	0.9888	0.9887	0.0001
2024-03-02T12:08:09	2	0	2	2	0	1.0264	1.0264	0.0000	0.9973	0.9971	0.0002
2024-03-02T12:08:32	1	0	73	72	1	1.0520	1.0520	0.0000	-0.9596	-0.9591	-0.0005
2024-03-02T12:14:47	1	0	3	4	-1	1.0493	1.0509	0.0016	-0.9998	-0.9997	-0.0001
2024-03-02T12:14:48	1	0	27	26	1	1.0526	1.0525	-0.0002	-0.9822	-0.9821	-0.0001
2024-03-02T12:15:08	1	0	8	7	1	1.0522	1.0508	-0.0014	0.9863	0.9863	0.0000
2024-03-02T12:17:50	1	0	1	1	0	1.0626	1.0571	-0.0055	0.9925	0.9926	-0.0001
2024-03-02T12:26:41	2	0	24	23	1	1.0495	1.0492	-0.0003	-0.9386	-0.9386	0.0000
2024-03-02T12:26:55	3	0	146	146	0	1.0584	1.0583	-0.0001	0.9984	0.9984	0.0000
2024-03-02T12:34:21	1	0	6	7	-1	1.0468	1.0489	0.0020	0.9908	0.9909	-0.0001

2024-03-02T12:38:34	1	0	75	74	1	1.0520	1.0520	0.0000	-0.9619	-0.9615	-0.0004
2024-03-02T12:44:00	2	0	32	32	0	1.0531	1.0524	-0.0007	-0.9434	-0.9434	0.0000
2024-03-02T12:57:39	1	0	8	8	0	1.0489	1.0489	0.0000	0.9694	0.9694	0.0000
2024-03-02T12:59:50	3	0	5	5	0	1.0510	1.0505	-0.0005	-0.9999	-0.9998	-0.0001
2024-03-02T13:01:40	2	0	13	13	0	1.0458	1.0457	-0.0001	-0.9974	-0.9974	0.0000
2024-03-02T13:02:48	2	0	1	0	1	1.0557	null	null	0.9931	0.9932	-0.0001
2024-03-02T13:14:51	3	0	4	3	1	1.0502	1.0464	-0.0038	-1	-0.9999	-0.0001
2024-03-02T13:17:49	2	0	1	0	1	0.9385	null	null	0.9881	0.9881	0.0000
2024-03-02T13:29:52	1	0	6	6	0	1.0480	1.0479	-0.0001	-0.9989	-0.9988	-0.0001
2024-03-02T13:35:44	4	0	41	40	1	1.0546	1.0546	0.0000	0.9993	0.9993	0.0000
2024-03-02T13:39:01	1	0	95	95	0	1.0536	1.0533	-0.0003	-0.9444	-0.9439	-0.0005
2024-03-02T13:42:11	1	0	206	202	4	1.0594	1.0592	-0.0002	0.9989	0.9989	0.0000
2024-03-02T13:47:00	1	0	2	2	0	1.0286	1.0285	-0.0002	0.9969	0.9969	0.0000
2024-03-02T13:47:09	2	0	1	1	0	1.0557	1.0551	-0.0006	0.9998	0.9998	0.0000
2024-03-02T13:47:19	3	0	6	6	0	1.0145	1.0145	0.0000	0.9967	0.9967	0.0000
2024-03-02T14:00:15	4	0	26	24	2	1.0542	1.0539	-0.0003	0.9857	0.9857	0.0000
2024-03-02T14:02:20	1	0	8	8	0	1.0210	1.0209	-0.0001	0.9969	0.9969	0.0000
2024-03-02T14:02:57	1	0	1	1	0	1.0553	1.0551	-0.0002	0.9935	0.9935	0.0000
2024-03-02T14:03:36	1	0	1	0	1	1.0550	null	null	0.9802	0.9802	0.0000
2024-03-02T14:04:11	3	0	2	1	1	1.0304	1.0300	-0.0005	-0.9899	-0.99	0.0001
2024-03-02T14:05:26	1	0	1	1	0	1.0576	1.0572	-0.0004	0.9983	0.9982	0.0001
2024-03-02T14:05:52	2	0	13	13	0	1.0482	1.0482	0.0000	0.9879	0.9878	0.0001
2024-03-02T14:05:56	13	0	3	2	1	1.0500	1.0443	-0.0058	-0.9982	-0.9983	0.0001
2024-03-02T14:07:05	1	0	1	1	0	1.0567	1.0565	-0.0002	0.9899	0.99	-0.0001
2024-03-02T14:07:22	1	0	2	0	2	0.9593	null	null	0.9918	0.9918	0.0000
2024-03-02T14:09:50	1	0	58	57	1	1.0582	1.0581	0.0000	-0.9573	-0.9576	0.0003
2024-03-02T14:10:05	1	0	13	12	1	1.0464	1.0456	-0.0008	-0.9966	-0.9965	-0.0001
2024-03-02T14:12:24	3	0	217	212	5	1.0591	1.0589	-0.0002	0.999	0.9989	0.0001
2024-03-02T14:13:05	1	0	1	0	1	1.0559	null	null	-0.9961	-0.9984	0.0023
2024-03-02T14:13:26	1	0	82	82	0	1.0554	1.0552	-0.0002	0.992	0.9905	0.0015
2024-03-02T14:14:55	3	0	10	10	0	1.0498	1.0497	-0.0001	-0.9996	-0.9995	-0.0001
2024-03-02T14:14:56	1	0	59	51	8	1.0536	1.0533	-0.0003	-0.9797	-0.9797	0.0000
2024-03-02T14:15:18	1	0	25	25	0	1.0549	1.0548	0.0000	0.9859	0.9858	0.0001
2024-03-02T14:17:00	3	0	21	21	0	1.0479	1.0476	-0.0002	-0.9966	-0.997	0.0004
2024-03-02T14:17:21	3	0	6	6	0	1.0202	1.0201	-0.0001	0.9977	0.9976	0.0001
2024-03-02T14:17:58	1	0	1	1	0	1.0555	1.0553	-0.0002	0.9923	0.9922	0.0001
2024-03-02T14:19:12	5	0	1	0	1	1.0264	null	null	-0.9891	-0.9893	0.0002
2024-03-02T14:20:27	1	0	2	2	0	1.0504	1.0501	-0.0003	0.9955	0.9952	0.0003
2024-03-02T14:20:53	2	0	20	20	0	1.0500	1.0499	-0.0001	0.9887	0.9887	0.0000
2024-03-02T14:20:57	2	0	1	1	0	1.0393	1.0392	-0.0001	-0.9986	-0.9986	0.0000
2024-03-02T14:22:06	2	0	1	1	0	1.0552	1.0550	-0.0002	0.9888	0.9887	0.0001
2024-03-02T14:23:06	1	0	3	3	0	1.0487	1.0486	-0.0001	1	1	0.0000
2024-03-02T14:25:06	1	0	20	19	1	1.0465	1.0460	-0.0005	-0.9962	-0.9961	-0.0001
2024-03-02T14:25:21	4	0	77	76	1	1.0484	1.0483	-0.0001	0.9713	0.9711	0.0002
2024-03-02T14:27:12	1	0	16	16	0	0.9102	0.9105	0.0003	0.9937	0.9938	-0.0001
2024-03-02T14:27:28	3	0	245	236	9	1.0592	1.0590	-0.0002	0.9993	0.9993	0.0000
2024-03-02T14:28:27	1	0	109	109	0	1.0564	1.0563	0.0000	0.9911	0.9894	0.0017
2024-03-02T14:28:43	1	0	6	5	1	1.0465	1.0464	-0.0001	-0.9883	-0.9884	0.0001
2024-03-02T14:29:56	3	0	10	10	0	1.0502	1.0501	-0.0001	-0.9994	-0.9997	0.0003
2024-03-02T14:30:04	2	0	110	110	0	1.0548	1.0545	-0.0003	-0.9775	-0.978	0.0005
2024-03-02T14:30:19	1	0	18	18	0	1.0531	1.0531	0.0000	0.9848	0.9847	0.0001
2024-03-02T14:30:47	1	0	1	1	0	1.0280	1.0273	-0.0007	-0.9995	-0.9996	0.0001
2024-03-02T14:31:36	2	0	1	1	0	1.0296	1.0286	-0.0010	0.9919	0.9915	0.0004
2024-03-02T14:32:03	1	0	2	2	0	1.0301	1.0299	-0.0002	0.9974	0.9974	0.0000
2024-03-02T14:32:04	3	0	20	20	0	1.0474	1.0472	-0.0002	-0.9969	-0.9972	0.0003
2024-03-02T14:32:23	1	0	3	3	0	1.0382	1.0379	-0.0003	-1	-1	0.0000
2024-03-02T14:32:28	3	0	3	3	0	1.0040	1.0037	-0.0003	0.9889	0.9887	0.0002
2024-03-02T14:32:49	7	0	27	25	2	1.0521	1.0512	-0.0009	-0.9997	-0.9998	0.0001
2024-03-02T14:34:14	9	0	4	4	0	1.0267	1.0255	-0.0012	-0.9895	-0.9899	0.0004
2024-03-02T14:35:19	1	0	1	1	0	1.0365	1.0361	-0.0004	0.9872	0.987	0.0002
2024-03-02T14:35:54	4	0	21	20	1	1.0503	1.0504	0.0001	0.9899	0.9895	0.0004
2024-03-02T14:35:58	2	0	2	2	0	1.0456	1.0455	-0.0002	-0.9984	-0.9984	0.0000
2024-03-02T14:38:07	1	0	3	3	0	1.0497	1.0497	0.0000	-1	-1	0.0000
2024-03-02T14:39:29	1	0	3	3	0	1.0475	1.0475	0.0000	0.9264	0.9261	0.0003
2024-03-02T14:39:52	1	0	31	31	0	1.0572	1.0572	0.0000	-0.9732	-0.9736	0.0004
2024-03-02T14:40:22	4	0	83	83	0	1.0399	1.0399	0.0000	0.9729	0.9726	0.0003
2024-03-02T14:40:29	2	0	2	2	0	1.0587	1.0584	-0.0003	-0.9918	-0.9918	0.0000
2024-03-02T14:40:31	1	0	27	27	0	1.0501	1.0501	-0.0001	0.96	0.9597	0.0003
2024-03-02T14:42:13	1	0	16	16	0	0.9089	0.9090	0.0001	0.9938	0.9929	0.0009
2024-03-02T14:42:39	4	0	271	268	3	1.0598	1.0595	-0.0002	0.9994	0.9993	0.0001
2024-03-02T14:43:05	2	0	2	1	1	1.0457	1.0440	-0.0016	-0.9951	-0.9952	0.0001
2024-03-02T14:43:28	1	0	109	109	0	1.0558	1.0558	0.0000	0.9912	0.9912	0.0000
2024-03-02T14:43:33	1	0	9	9	0	1.0446	1.0445	-0.0001	0.9907	0.9906	0.0001
2024-03-02T14:43:44	1	0	7	7	0	1.0463	1.0463	0.0000	-0.993	-0.9928	-0.0002
2024-03-02T14:44:57	3	0	10	10	0	1.0490	1.0490	0.0000	-0.9995	-0.9998	0.0003
2024-03-02T14:45:14	3	0	109	108	1	1.0547	1.0546	-0.0001	-0.9774	-0.9779	0.0005
2024-03-02T14:45:20	1	0	11	11	0	1.0532	1.0532	0.0000	0.9852	0.9852	0.0000
2024-03-02T14:47:09	2	0	23	23	0	1.0475	1.0474	-0.0001	-0.9963	-0.9967	0.0004
2024-03-02T14:48:00	1	0	1	1	0	1.0567	1.0561	-0.0006	0.9931	0.9931	0.0000
2024-03-02T14:50:29	1	0	1	1	0	1.0557	1.0556	-0.0001	0.9983	0.9983	0.0000
2024-03-02T14:58:34	1	0	8	8	0	1.0453	1.0453	-0.0001	0.9855	0.9853	0.0002
2024-03-02T15:00:21	1	0	25	24	1	1.0554	1.0553	-0.0001	0.9863	0.9862	0.0001
2024-03-02T15:00:56	1	0	1	1	0	1.0265	1.0265	0.0000	-0.9911	-0.9911	0.0000
2024-03-02T15:02:30	1	0	4	4	0	1.0347	1.0342	-0.0005	-0.9998	-0.9998	0.0000
2024-03-02T15:04:25	1	0	1	0	1	1.0253	null	null	-0.9809	-0.9809	0.0000

2024-03-02T15:04:36	1	0	1	1	0	1.0215	1.0211	-0.0004	-0.9946	-0.9946	0.0000
2024-03-02T15:05:58	1	0	16	16	0	1.0474	1.0474	-0.0001	0.9883	0.9882	0.0001
2024-03-02T15:07:36	1	0	22	21	1	1.0482	1.0482	0.0001	-0.9857	-0.9857	0.0000
2024-03-02T15:14:18	1	0	2	2	0	1.0423	1.0421	-0.0003	-0.9971	-0.9971	0.0000
2024-03-02T15:15:16	1	0	123	121	2	1.0553	1.0553	0.0000	-0.9759	-0.9765	0.0006
2024-03-02T15:16:03	1	0	2	2	0	1.0294	1.0293	-0.0001	-0.9793	-0.9795	0.0002
2024-03-02T15:17:14	3	0	1	0	1	1.0372	null	null	-0.9802	-0.9649	-0.0153
2024-03-02T15:37:28	12	0	2	2	0	1.0094	1.0082	-0.0012	0.9934	0.9932	0.0002
2024-03-02T15:41:20	2	0	3	3	0	1.0263	1.0260	-0.0004	-0.9855	-0.9856	0.0001
2024-03-02T15:45:26	1	0	32	32	0	1.0518	1.0518	0.0000	-0.9795	-0.9799	0.0004
2024-03-02T16:06:23	1	0	2	2	0	1.0032	1.0029	-0.0003	-0.9867	-0.9866	-0.0001
2024-03-02T16:22:42	6	0	1	0	1	1.0372	null	null	0.995	0.995	0.0000
2024-03-02T16:32:45	1	0	3	3	0	1.0382	1.0379	-0.0003	-1	-1	0.0000
2024-03-02T17:04:38	1	0	20	20	0	0.9470	0.9471	0.0001	0.9902	0.9901	0.0001
2024-03-03T08:10:25	2	0	330	329	1	1.0603	1.0602	0.0000	1	1	0.0000
2024-03-03T08:20:26	2	0	139	138	1	1.0562	1.0562	0.0000	0.9987	0.9988	-0.0001
2024-03-03T08:35:27	1	0	71	66	5	1.0556	1.0555	0.0000	0.9986	0.9987	-0.0001
2024-03-03T08:40:47	1	0	1	1	0	1.0318	1.0307	-0.0011	-0.9699	-0.9668	-0.0031
2024-03-03T08:41:51	2	0	26	26	0	1.0535	1.0534	-0.0001	-0.9984	-0.9984	0.0000
2024-03-03T08:56:58	1	0	162	149	13	1.0516	1.0514	-0.0002	0.9818	0.9816	0.0002
2024-03-03T08:58:02	1	0	107	106	1	1.0556	1.0556	-0.0001	0.996	0.996	0.0000
2024-03-03T08:58:06	1	0	51	51	0	1.0449	1.0448	0.0000	0.9926	0.9925	0.0001
2024-03-03T09:01:09	3	0	2	2	0	1.0070	1.0070	0.0000	0.985	0.985	0.0000
2024-03-03T09:02:28	3	0	18	18	0	1.0476	1.0476	0.0000	0.9833	0.9833	0.0000
2024-03-03T09:10:45	1	0	341	340	1	1.0607	1.0606	-0.0001	1	1	0.0000
2024-03-03T09:12:16	1	0	180	168	12	1.0542	1.0540	-0.0002	0.9806	0.9804	0.0002
2024-03-03T09:12:19	1	0	4	4	0	1.0460	1.0460	0.0000	0.9622	0.9623	-0.0001
2024-03-03T09:20:30	3	0	133	120	13	1.0557	1.0555	-0.0002	0.9993	0.9993	0.0000
2024-03-03T09:22:06	2	0	4	4	0	0.9735	0.9733	-0.0002	-0.9966	-0.9967	0.0001
2024-03-03T09:25:49	1	0	311	309	2	1.0595	1.0595	-0.0001	1	1	0.0000
2024-03-03T09:29:11	3	0	3	3	0	1.0434	1.0432	-0.0003	-0.9811	-0.9815	0.0004
2024-03-03T09:31:59	1	0	1	1	0	1.0371	1.0366	-0.0005	-0.9989	-0.9989	0.0000
2024-03-03T09:35:10	1	0	11	10	1	1.0544	1.0543	-0.0002	0.9977	0.9977	0.0000
2024-03-03T09:35:25	6	0	81	78	3	1.0568	1.0567	-0.0001	0.9944	0.9942	0.0002
2024-03-03T09:36:39	1	0	14	14	0	1.0576	1.0573	-0.0002	-0.9983	-0.9984	0.0001
2024-03-03T09:37:07	2	0	3	3	0	0.9540	0.9537	-0.0004	-0.9945	-0.9947	0.0002
2024-03-03T09:39:33	2	0	1	1	0	1.0405	1.0398	-0.0007	0.9947	0.9995	-0.0048
2024-03-03T09:39:55	1	0	43	43	0	1.0491	1.0491	0.0000	-0.9293	-0.9291	-0.0002
2024-03-03T09:40:51	2	0	3	3	0	1.0280	1.0275	-0.0005	-0.9819	-0.9821	0.0002
2024-03-03T09:44:12	1	0	4	4	0	1.0464	1.0463	-0.0001	-0.9793	-0.9793	0.0000
2024-03-03T09:45:48	1	0	1	1	0	0.9652	0.9659	0.0007	0.9993	0.9993	0.0000
2024-03-03T09:48:43	1	0	13	13	0	1.0473	1.0472	-0.0001	-0.9713	-0.9715	0.0002
2024-03-03T09:48:52	2	0	7	7	0	1.0319	1.0317	-0.0001	0.9982	0.9982	0.0000
2024-03-03T09:49:00	1	0	23	9	14	1.0584	1.0548	-0.0035	0.9914	0.9857	0.0057
2024-03-03T09:52:02	1	0	36	36	0	1.0580	1.0577	-0.0003	0.9998	0.9998	0.0000
2024-03-03T09:58:10	1	0	123	123	0	1.0495	1.0495	0.0000	0.9912	0.9912	0.0000
2024-03-03T09:58:33	2	0	1	1	0	1.0070	1.0064	-0.0006	-0.9818	-0.9818	0.0000
2024-03-03T09:59:59	1	0	2	2	0	1.0177	1.0174	-0.0003	0.9725	0.9724	0.0001
2024-03-03T10:00:27	3	0	1	0	1	1.0563	null	null	0.9988	0.9988	0.0000
2024-03-03T10:00:56	1	0	36	22	14	1.0554	1.0549	-0.0005	0.9996	0.9994	0.0002
2024-03-03T10:05:09	2	0	2	2	0	1.0416	1.0410	-0.0007	0.9832	0.9832	0.0000
2024-03-03T10:05:27	1	0	65	64	1	1.0562	1.0562	0.0000	0.9944	0.9943	0.0001
2024-03-03T10:05:37	2	0	2	2	0	1.0456	1.0451	-0.0005	-0.9956	-0.9956	0.0000
2024-03-03T10:06:02	1	0	10	10	0	1.0528	1.0525	-0.0003	-0.3749	-0.3775	0.0026
2024-03-03T10:09:32	1	0	38	37	1	1.0574	1.0575	0.0000	-0.9268	-0.9267	-0.0001
2024-03-03T10:10:51	2	0	1	0	1	1.0100	null	null	-0.9911	-0.9909	-0.0002
2024-03-03T10:11:01	1	0	295	289	6	1.0590	1.0589	-0.0001	1	1	0.0000
2024-03-03T10:12:28	1	0	1	1	0	0.9917	0.9921	0.0004	-0.9795	-0.9793	-0.0002
2024-03-03T10:13:11	3	0	132	132	0	1.0495	1.0495	-0.0001	0.9903	0.99	0.0003
2024-03-03T10:14:31	1	0	16	16	0	1.0508	1.0507	-0.0001	-0.9814	-0.9815	0.0001
2024-03-03T10:15:46	1	0	1	1	0	1.0388	1.0385	-0.0003	0.9954	0.9953	0.0001
2024-03-03T10:16:01	1	0	17	17	0	1.0494	1.0494	0.0000	0.9996	0.9996	0.0000
2024-03-03T10:16:20	1	0	1	1	0	1.0137	1.0128	-0.0009	0.985	0.9849	0.0001
2024-03-03T10:17:25	1	0	41	41	0	1.0508	1.0508	0.0000	-0.9978	-0.9977	-0.0001
2024-03-03T10:17:35	1	0	1	0	1	1.0555	null	null	0.9964	0.9964	0.0000
2024-03-03T10:19:02	1	0	414	414	0	1.0637	1.0637	0.0000	0.9909	0.992	-0.0011
2024-03-03T10:19:12	3	0	4	4	0	1.0508	1.0503	-0.0005	-0.9938	-0.9938	0.0000
2024-03-03T10:20:34	3	0	21	20	1	1.0521	1.0518	-0.0003	0.999	0.9991	-0.0001
2024-03-03T10:20:41	1	0	26	26	0	1.0449	1.0448	-0.0001	-0.9666	-0.9667	0.0001
2024-03-03T10:20:55	1	0	1	1	0	1.0221	1.0217	-0.0004	-0.9938	-0.9934	-0.0004
2024-03-03T10:22:04	3	0	33	33	0	1.0381	1.0380	-0.0001	0.9996	0.9996	0.0000
2024-03-03T10:26:01	2	0	1	0	1	1.0089	null	null	-0.9904	-0.9901	-0.0003
2024-03-03T10:27:29	2	0	2	2	0	0.9951	0.9952	0.0001	-0.9808	-0.9806	-0.0002
2024-03-03T10:27:31	2	0	149	129	20	1.0582	1.0577	-0.0004	0.9717	0.9713	0.0004
2024-03-03T10:28:14	2	0	139	139	0	1.0514	1.0513	0.0000	0.9915	0.9913	0.0002
2024-03-03T10:30:27	3	0	18	18	0	1.0361	1.0358	-0.0003	0.9828	0.9824	0.0004
2024-03-03T10:30:29	2	0	1	1	0	1.0624	1.0565	-0.0059	0.9977	0.9976	0.0001
2024-03-03T10:32:26	5	0	47	46	1	1.0531	1.0523	-0.0008	-0.9972	-0.9972	0.0000
2024-03-03T10:32:36	1	0	1	1	0	1.0578	1.0575	-0.0003	0.9961	0.9961	0.0000
2024-03-03T10:35:29	3	0	63	62	1	1.0564	1.0564	0.0000	0.992	0.992	0.0000
2024-03-03T10:35:35	1	0	24	21	3	1.0523	1.0522	0.0000	0.9995	0.9995	0.0000
2024-03-03T10:35:53	3	0	5	4	1	1.0519	1.0503	-0.0016	-0.9335	-0.933	-0.0005
2024-03-03T10:36:04	1	0	11	11	0	1.0547	1.0545	-0.0002	0.2574	0.2649	-0.0075
2024-03-03T10:37:16	2	0	5	5	0	0.9863	0.9862	-0.0001	-0.9947	-0.9949	0.0002
2024-03-03T10:38:23	1	0	84	83	1	1.0530	1.0530	0.0000	-0.9192	-0.9185	-0.0007

2024-03-03T10:39:34	1	0	32	30	2	1.0568	1.0569	0.0001	-0.9276	-0.9286	0.0010
2024-03-03T10:39:57	2	0	1	1	0	1.0559	1.0552	-0.0007	-0.9998	-0.9998	0.0000
2024-03-03T10:40:01	1	0	4	4	0	1.0306	1.0305	-0.0001	0.9546	0.9546	0.0000
2024-03-03T10:41:57	1	0	67	60	7	0.9453	0.9455	0.0003	0.9876	0.9876	0.0000
2024-03-03T10:42:48	3	0	230	116	114	1.0599	1.0537	-0.0063	0.9712	0.9661	0.0051
2024-03-03T10:43:09	1	0	51	51	0	1.0532	1.0532	0.0000	0.9957	0.9956	0.0001
2024-03-03T10:43:15	2	0	136	134	2	1.0547	1.0546	-0.0001	0.9908	0.9907	0.0001
2024-03-03T10:43:50	2	0	16	16	0	1.0487	1.0485	-0.0002	-0.949	-0.9493	0.0003
2024-03-03T10:44:33	1	0	35	33	2	1.0518	1.0515	-0.0002	-0.9854	-0.9854	0.0000
2024-03-03T10:44:40	3	0	11	10	1	1.0488	1.0479	-0.0009	-0.9969	-0.9969	0.0000
2024-03-03T10:45:02	1	0	2	2	0	1.0187	1.0185	-0.0003	0.9696	0.9696	0.0000
2024-03-03T10:46:27	1	0	18	17	1	1.0472	1.0472	0.0001	-0.9974	-0.9978	0.0004
2024-03-03T10:47:18	1	0	2	2	0	1.0352	1.0349	-0.0004	0.9974	0.9973	0.0001
2024-03-03T10:47:27	2	0	49	47	2	1.0549	1.0549	-0.0001	-0.9974	-0.9974	0.0000
2024-03-03T10:49:15	1	0	6	6	0	1.0500	1.0499	-0.0001	-0.9924	-0.9924	0.0000
2024-03-03T10:50:30	3	0	89	85	4	1.0580	1.0580	0.0000	0.994	0.9939	0.0001
2024-03-03T10:50:36	5	0	26	25	1	1.0538	1.0535	-0.0003	0.9996	0.9995	0.0001
2024-03-03T10:50:40	7	0	4	3	1	1.0415	1.0430	0.0015	-0.9928	-0.993	0.0002
2024-03-03T10:51:50	2	0	15	15	0	0.9204	0.9214	0.0010	0.9331	0.9347	-0.0016
2024-03-03T10:52:47	1	0	1	1	0	1.0565	1.0562	-0.0003	0.9993	0.9993	0.0000
2024-03-03T10:52:58	1	0	5	5	0	1.0481	1.0477	-0.0004	0.9732	0.9728	0.0004
2024-03-03T10:54:38	1	0	2	1	1	1.0561	1.0551	-0.0010	0.9999	0.9999	0.0000
2024-03-03T10:54:57	1	0	38	37	1	1.0507	1.0505	-0.0002	0.9308	0.9306	0.0002
2024-03-03T10:56:57	2	0	18	18	0	0.9315	0.9317	0.0002	0.9968	0.9957	0.0011
2024-03-03T10:56:58	1	0	12	12	0	0.9539	0.9539	0.0000	0.9872	0.9872	0.0000
2024-03-03T11:00:29	1	0	15	15	0	1.0381	1.0380	-0.0001	0.9737	0.9735	0.0002
2024-03-03T11:00:31	1	0	2	1	1	1.0419	1.0250	-0.0170	0.9985	0.9984	0.0001
2024-03-03T11:00:42	1	0	3	3	0	1.0353	1.0350	-0.0004	0.9988	0.9988	0.0000
2024-03-03T11:01:38	2	0	6	6	0	1.0450	1.0445	-0.0005	0.998	0.9979	0.0001
2024-03-03T11:01:44	1	0	2	2	0	1.0170	1.0164	-0.0006	0.9838	0.9836	0.0002
2024-03-03T11:02:18	1	0	2	2	0	1.0363	1.0359	-0.0004	-0.9994	-0.9994	0.0000
2024-03-03T11:02:28	3	0	68	62	6	1.0573	1.0569	-0.0003	-0.9978	-0.9978	0.0000
2024-03-03T11:04:18	1	0	1	1	0	1.0436	1.0433	-0.0003	-0.9238	-0.9238	0.0000
2024-03-03T11:05:03	1	0	1	1	0	1.0373	1.0369	-0.0004	0.9847	0.9846	0.0001
2024-03-03T11:05:05	1	0	2	2	0	1.0565	1.0561	-0.0005	-0.9997	-0.9999	0.0002
2024-03-03T11:05:39	2	0	33	31	2	1.0552	1.0550	-0.0002	0.9995	0.9995	0.0000
2024-03-03T11:05:44	1	0	33	33	0	1.0486	1.0486	-0.0001	-0.9662	-0.9663	0.0001
2024-03-03T11:06:10	1	0	14	14	0	1.0563	1.0562	-0.0002	0.7721	0.7846	-0.0125
2024-03-03T11:08:25	2	0	109	107	2	1.0548	1.0548	0.0000	-0.9131	-0.9124	-0.0007
2024-03-03T11:09:58	1	0	24	24	0	1.0463	1.0463	0.0000	0.9285	0.9285	0.0000
2024-03-03T11:14:51	1	0	22	21	1	1.0515	1.0513	-0.0002	-0.9867	-0.9867	0.0000
2024-03-03T11:17:35	1	0	62	61	1	1.0576	1.0575	-0.0001	-0.9974	-0.9975	0.0001
2024-03-03T11:17:37	3	0	17	15	2	1.0484	1.0478	-0.0006	0.9818	0.9818	0.0000
2024-03-03T11:20:17	1	0	51	50	1	1.0567	1.0567	0.0000	0.9986	0.9986	0.0000
2024-03-03T11:20:44	1	0	28	28	0	1.0533	1.0532	-0.0001	0.9991	0.9991	0.0000
2024-03-03T11:21:15	2	0	14	14	0	1.0568	1.0566	-0.0003	0.988	0.9939	-0.0059
2024-03-03T11:23:26	3	0	148	144	4	1.0565	1.0565	0.0000	-0.9089	-0.9082	-0.0007
2024-03-03T11:28:38	6	0	85	82	3	1.0626	1.0625	-0.0001	0.9665	0.9616	0.0049
2024-03-03T11:28:55	2	0	5	5	0	1.0437	1.0435	-0.0002	-0.9999	-0.9999	0.0000
2024-03-03T11:30:44	1	0	5	5	0	1.0351	1.0350	-0.0001	0.9994	0.9994	0.0000
2024-03-03T11:30:45	1	0	1	1	0	1.0253	1.0250	-0.0003	0.9982	0.9982	0.0000
2024-03-03T11:30:51	1	0	9	9	0	1.0463	1.0463	0.0000	0.9901	0.9902	-0.0001
2024-03-03T11:31:30	1	0	4	4	0	1.0461	1.0461	0.0000	-0.9969	-0.9971	0.0002
2024-03-03T11:31:57	4	0	3	3	0	1.0138	1.0137	-0.0001	0.9825	0.9825	0.0000
2024-03-03T11:32:22	2	0	1	1	0	1.0397	1.0395	-0.0002	-0.9989	-0.9989	0.0000
2024-03-03T11:32:50	1	0	2	2	0	1.0615	1.0613	-0.0002	0.9968	0.9968	0.0000
2024-03-03T11:34:07	2	0	338	338	0	1.0675	1.0674	-0.0001	0.9922	0.9921	0.0001
2024-03-03T11:35:24	1	0	1	0	1	1.0553	null	null	-0.9761	-0.976	-0.0001
2024-03-03T11:35:55	3	0	36	34	2	1.0494	1.0485	-0.0009	-0.9682	-0.9682	0.0000
2024-03-03T11:36:17	3	0	61	61	0	1.1175	1.1173	-0.0002	0.9851	0.9871	-0.0020
2024-03-03T11:37:27	6	0	4	4	0	0.9767	0.9767	0.0000	-0.9923	-0.9923	0.0000
2024-03-03T11:40:03	1	0	47	46	1	1.0505	1.0505	0.0000	-0.9313	-0.9313	0.0000
2024-03-03T11:41:35	3	0	313	313	0	1.0594	1.0593	-0.0002	-1	-1	0.0000
2024-03-03T11:42:39	1	0	4	4	0	1.0223	1.0222	-0.0001	0.9737	0.9737	0.0000
2024-03-03T11:45:02	2	0	19	18	1	1.0522	1.0519	-0.0002	-0.9876	-0.9876	0.0000
2024-03-03T11:46:58	4	0	1	2	-1	1.0130	1.0088	-0.0042	0.9816	0.9817	-0.0001
2024-03-03T11:47:25	2	0	1	1	0	1.0384	1.0384	0.0000	-0.9984	-0.9984	0.0000
2024-03-03T11:47:39	3	0	14	14	0	1.0486	1.0486	0.0000	0.9805	0.9804	0.0001
2024-03-03T11:49:01	3	0	30	26	4	1.0533	1.0533	0.0000	-0.974	-0.9741	0.0001
2024-03-03T11:51:24	3	0	61	61	0	1.1179	1.1179	0.0000	0.9894	0.9897	-0.0003
2024-03-03T11:52:30	4	0	2	2	0	0.9187	0.9188	0.0001	-0.9895	-0.9893	-0.0002
2024-03-03T11:53:28	2	0	113	112	1	1.0545	1.0545	0.0000	-0.9147	-0.9141	-0.0006
2024-03-03T11:59:02	2	0	5	5	0	1.0463	1.0454	-0.0009	1	0.9999	0.0001
2024-03-03T12:00:05	4	0	11	10	1	1.0520	1.0511	-0.0009	0.9843	0.9843	0.0000
2024-03-03T12:00:49	1	0	1	3	-2	1.0409	1.0340	-0.0069	0.9995	0.9995	0.0000
2024-03-03T12:00:53	1	0	2	2	0	1.0451	1.0451	0.0000	0.9874	0.9875	-0.0001
2024-03-03T12:02:40	3	0	19	19	0	1.0485	1.0485	0.0000	0.9819	0.9818	0.0001
2024-03-03T12:05:48	2	0	7	5	2	1.0482	1.0472	-0.0009	-1	-1	0.0000
2024-03-03T12:12:41	1	0	3	3	0	1.0289	1.0289	0.0000	0.9733	0.9735	-0.0002
2024-03-03T12:13:58	6	0	368	261	107	1.0676	1.0623	-0.0053	0.9747	0.9704	0.0043
2024-03-03T12:17:57	1	0	95	1	94	0.9123	1.0637	0.1514	0.9974	0.996	0.0014
2024-03-03T12:22:32	7	0	2	2	0	0.9200	0.9201	0.0001	-0.9862	-0.9858	-0.0004
2024-03-03T12:29:04	2	0	4	5	-1	1.0467	1.0467	0.0000	1	1	0.0000
2024-03-03T12:37:33	2	0	2	2	0	0.9192	0.9192	0.0000	-0.9864	-0.9861	-0.0003
2024-03-03T12:41:09	2	0	1	1	0	1.0105	1.0058	-0.0047	-0.9942	-0.9938	-0.0004

2024-03-03T12:44:14	6	0	165	73	92	1.0666	1.0642	-0.0024	0.9683	0.9635	0.0048
2024-03-03T12:45:06	1	0	18	18	0	1.0515	1.0514	-0.0001	-0.9871	-0.9871	0.0000
2024-03-03T12:45:56	1	0	3	3	0	1.0453	1.0453	0.0000	0.9864	0.9864	0.0000
2024-03-03T12:47:59	1	0	94	93	1	0.9232	0.9236	0.0004	0.9963	0.9964	-0.0001
2024-03-03T12:50:23	1	0	72	73	-1	1.0570	1.0570	-0.0001	0.9995	0.9995	0.0000
2024-03-03T12:51:28	3	0	3	4	-1	1.0648	1.0601	-0.0047	-0.6656	-0.6722	0.0066
2024-03-03T12:53:46	2	0	14	13	1	1.0506	1.0501	-0.0005	0.9878	0.9878	0.0000
2024-03-03T12:57:44	1	0	4	4	0	1.0221	1.0220	-0.0001	0.9732	0.9732	0.0000
2024-03-03T12:57:58	2	0	2	2	0	1.0567	1.0557	-0.0010	-0.9793	-0.9792	-0.0001
2024-03-03T12:58:01	1	0	2	2	0	1.0473	1.0466	-0.0007	-0.9888	-0.9888	0.0000
2024-03-03T13:00:05	1	0	4	4	0	1.0467	1.0463	-0.0004	0.9987	0.9988	-0.0001
2024-03-03T13:00:07	2	0	16	16	0	1.0513	1.0512	-0.0001	-0.9876	-0.9877	0.0001
2024-03-03T13:06:01	1	0	36	36	0	1.0498	1.0498	0.0000	-0.9604	-0.9602	-0.0002
2024-03-03T13:15:08	1	0	23	22	1	1.0521	1.0518	-0.0003	-0.9884	-0.9884	0.0000
2024-03-03T13:15:11	1	0	14	12	2	1.0507	1.0506	-0.0001	0.9846	0.9846	0.0000
2024-03-03T13:19:19	1	0	242	24	218	1.0628	1.0569	-0.0059	0.9948	0.987	0.0078
2024-03-03T13:23:34	5	0	133	132	1	1.0554	1.0553	0.0000	-0.9098	-0.9091	-0.0007
2024-03-03T13:30:39	1	0	19	18	1	1.0472	1.0468	-0.0005	-0.9998	-0.9998	0.0000
2024-03-03T13:34:14	2	0	1	0	1	1.0601	null	null	0.9699	0.9698	0.0001
2024-03-03T13:36:03	2	0	44	44	0	1.0482	1.0482	0.0000	-0.9593	-0.9592	-0.0001
2024-03-03T13:38:35	1	0	129	127	2	1.0554	1.0554	0.0000	-0.9145	-0.9137	-0.0008
2024-03-03T13:40:31	3	0	1	2	-1	1.0652	1.0527	-0.0125	-0.9991	-0.999	-0.0001
2024-03-03T13:41:13	2	0	1	1	0	1.0110	1.0103	-0.0007	-0.9908	-0.9906	-0.0002
2024-03-03T13:43:01	1	0	79	4	75	1.0745	1.0648	-0.0097	-0.985	-0.9851	0.0001
2024-03-03T13:45:02	1	0	197	190	7	1.0680	1.0678	-0.0002	0.9745	0.9743	0.0002
2024-03-03T13:46:01	1	0	1	0	1	1.0590	null	null	0.9988	0.9988	0.0000
2024-03-03T13:47:07	2	0	1	1	0	1.0567	1.0561	-0.0006	1	1	0.0000
2024-03-03T13:55:09	1	0	39	37	2	1.0511	1.0510	-0.0001	0.9446	0.9445	0.0001
2024-03-03T14:02:35	2	0	2	2	0	1.0405	1.0404	-0.0001	-0.998	-0.998	0.0000
2024-03-03T14:03:04	1	0	93	93	0	0.9235	0.9236	0.0002	0.9975	0.9975	0.0000
2024-03-03T14:05:53	10	0	1	1	0	1.0552	1.0550	-0.0002	-0.9908	-0.9908	0.0000
2024-03-03T14:08:37	1	0	129	127	2	1.0552	1.0552	0.0000	-0.9111	-0.9105	-0.0006
2024-03-03T14:10:37	2	0	1	1	0	1.0643	1.0641	-0.0002	-0.9983	-0.9983	0.0000
2024-03-03T14:12:49	1	0	4	4	0	1.0238	1.0238	-0.0001	0.972	0.9718	0.0002
2024-03-03T14:14:04	2	0	24	24	0	1.0616	1.0614	-0.0002	-0.8938	-0.8936	-0.0002
2024-03-03T14:14:16	2	0	3	3	0	1.0408	1.0400	-0.0008	1	1	0.0000
2024-03-03T14:15:20	2	0	12	12	0	1.0482	1.0482	0.0000	-0.9845	-0.9845	0.0000
2024-03-03T14:15:22	1	0	10	10	0	1.0507	1.0506	-0.0001	0.984	0.9839	0.0001
2024-03-03T14:16:10	1	0	2	1	1	1.0396	1.0230	-0.0166	0.9996	0.9995	0.0001
2024-03-03T14:17:14	1	0	2	2	0	1.0115	1.0114	-0.0002	0.9831	0.983	0.0001
2024-03-03T14:17:37	1	0	1	1	0	1.0358	1.0354	-0.0004	-0.9984	-0.9984	0.0000
2024-03-03T14:18:05	1	0	94	94	0	0.9206	0.9209	0.0003	0.9976	0.9976	0.0000
2024-03-03T14:19:21	1	0	1	1	0	1.0360	1.0357	-0.0003	-0.9494	-0.9494	0.0000
2024-03-03T14:19:26	1	0	83	82	1	1.0608	1.0608	0.0000	0.9951	0.995	0.0001
2024-03-03T14:19:40	2	0	21	20	1	1.0567	1.0566	-0.0001	0.9989	0.9989	0.0000
2024-03-03T14:20:22	1	0	2	2	0	1.0554	1.0553	-0.0002	1	1	0.0000
2024-03-03T14:21:06	1	0	35	34	1	1.0457	1.0456	-0.0001	-0.9541	-0.9542	0.0001
2024-03-03T14:21:35	1	0	2	2	0	1.0719	1.0714	-0.0005	-0.5644	-0.5383	-0.0261
2024-03-03T14:23:38	1	0	135	134	1	1.0552	1.0552	0.0000	-0.9045	-0.9037	-0.0008
2024-03-03T14:23:52	1	0	20	19	1	1.0492	1.0492	0.0000	0.988	0.9879	0.0001
2024-03-03T14:25:43	3	0	1	1	0	1.0632	1.0629	-0.0003	-0.9967	-0.9968	0.0001
2024-03-03T14:26:53	3	0	366	364	2	1.0601	1.0599	-0.0002	-0.9998	-0.9998	0.0000
2024-03-03T14:27:50	1	0	4	4	0	1.0229	1.0229	0.0000	0.9726	0.9725	0.0001
2024-03-03T14:30:23	1	0	8	8	0	1.0500	1.0500	-0.0001	0.9843	0.9842	0.0001
2024-03-03T14:30:29	1	0	9	9	0	1.0496	1.0496	0.0000	-0.9846	-0.9848	0.0002
2024-03-03T14:30:41	3	0	120	101	19	1.0657	1.0653	-0.0004	0.9767	0.9762	0.0005
2024-03-03T14:32:41	1	0	1	1	0	1.0361	1.0357	-0.0004	-0.9987	-0.9988	0.0001
2024-03-03T14:32:54	2	0	50	49	1	1.0539	1.0535	-0.0004	-0.9972	-0.9972	0.0000
2024-03-03T14:33:06	1	0	92	92	0	0.9299	0.9305	0.0006	0.9971	0.9972	-0.0001
2024-03-03T14:34:31	3	0	2	2	0	1.0527	1.0524	-0.0004	-0.9925	-0.9926	0.0001
2024-03-03T14:34:46	2	0	15	12	3	1.0555	1.0555	0.0000	0.9991	0.9992	-0.0001
2024-03-03T14:35:00	2	0	9	9	0	1.0447	1.0444	-0.0003	-0.9911	-0.9914	0.0003
2024-03-03T14:35:59	1	0	63	62	1	1.0562	1.0561	-0.0001	-0.9993	-0.9993	0.0000
2024-03-03T14:36:14	4	0	38	34	4	1.0448	1.0459	0.0011	-0.9601	-0.9605	0.0004
2024-03-03T14:36:38	1	0	2	2	0	1.0692	1.0689	-0.0003	-0.3771	-0.3688	-0.0083
2024-03-03T14:37:43	2	0	2	2	0	0.9674	0.9671	-0.0003	-0.9774	-0.9776	0.0002
2024-03-03T14:40:25	1	0	41	40	1	1.0500	1.0500	0.0001	0.9448	0.9445	0.0003
2024-03-03T14:40:49	2	0	1	1	0	1.0625	1.0623	-0.0002	-0.9977	-0.9977	0.0000
2024-03-03T14:41:44	2	0	6	6	0	1.0376	1.0373	-0.0002	0.9983	0.9982	0.0001
2024-03-03T14:41:59	4	0	360	357	3	1.0608	1.0606	-0.0002	-0.9997	-0.9998	0.0001
2024-03-03T14:42:51	1	0	5	5	0	1.0171	1.0171	0.0000	0.9694	0.9694	0.0000
2024-03-03T14:43:09	1	0	1	1	0	1.0458	1.0455	-0.0003	-0.9904	-0.9905	0.0001
2024-03-03T14:44:17	2	0	2	2	0	1.0319	1.0312	-0.0007	1	1	0.0000
2024-03-03T14:45:30	2	0	10	10	0	1.0508	1.0508	0.0000	-0.9823	-0.9823	0.0000
2024-03-03T14:46:26	1	0	26	26	0	1.0524	1.0524	0.0000	-0.8877	-0.8876	-0.0001
2024-03-03T14:47:31	3	0	2	2	0	1.0153	1.0148	-0.0005	0.9844	0.9843	0.0001
2024-03-03T14:49:23	1	0	1	1	0	1.0366	1.0365	-0.0001	-0.9432	-0.9431	-0.0001
2024-03-03T14:50:57	1	0	1	1	0	1.0428	1.0427	-0.0001	-0.9914	-0.993	0.0016
2024-03-03T14:51:03	1	0	68	64	4	1.0574	1.0573	-0.0001	-0.9991	-0.9991	0.0000
2024-03-03T14:53:40	1	0	135	135	0	1.0554	1.0554	0.0000	-0.9045	-0.9038	-0.0007
2024-03-03T14:53:54	1	0	9	9	0	1.0490	1.0490	0.0000	0.9865	0.9865	0.0000
2024-03-03T15:00:25	1	0	4	4	0	1.0531	1.0531	0.0000	0.984	0.984	0.0000
2024-03-03T15:01:25	2	0	149	125	24	1.0633	1.0630	-0.0003	0.9766	0.9761	0.0005
2024-03-03T15:04:18	3	0	1	1	0	1.0357	1.0349	-0.0008	0.9977	0.9976	0.0001
2024-03-03T15:04:29	1	0	107	106	1	1.0623	1.0623	0.0000	0.9961	0.996	0.0001

2024-03-03T15:10:33	1	0	63	62	1	1.0536	1.0534	-0.0001	0.9568	0.9566	0.0002
2024-03-03T15:26:20	2	0	1	0	1	1.0071	null	null	-0.9938	-0.9936	-0.0002
2024-03-03T15:28:08	1	0	3	3	0	1.0577	1.0570	-0.0007	-0.9921	-0.9922	0.0001
2024-03-03T15:30:15	1	0	3	3	0	1.0361	1.0361	0.0000	0.9993	0.9993	0.0000
2024-03-03T15:41:21	2	0	1	1	0	1.0065	1.0060	-0.0005	-0.9932	-0.9933	0.0001
2024-03-03T15:44:21	1	0	3	3	0	1.0374	1.0373	-0.0002	0.9998	0.9998	0.0000
2024-03-03T15:45:34	1	0	8	8	0	1.0473	1.0473	0.0000	-0.9838	-0.9838	0.0000
2024-03-03T15:46:25	1	0	1	1	0	1.0244	1.0240	-0.0004	0.9988	0.9988	0.0000
2024-03-03T15:52:48	2	0	3	3	0	0.9570	0.9565	-0.0004	-0.9842	-0.9845	0.0003
2024-03-03T16:00:35	1	0	8	8	0	1.0462	1.0462	0.0000	-0.9835	-0.9835	0.0000
2024-03-03T16:04:33	1	0	432	198	234	1.0693	1.0640	-0.0053	0.9933	0.9831	0.0102
2024-03-03T16:31:30	3	0	2	2	0	1.0217	1.0213	-0.0004	0.9976	0.9975	0.0001
2024-03-03T16:33:41	1	0	3	3	0	1.0452	1.0452	0.0000	0.9949	0.9948	0.0001
2024-03-03T16:54:28	1	0	2	2	0	1.0391	1.0391	0.0000	0.9893	0.9893	0.0000
2024-03-04T08:21:54	1	0	117	117	0	1.0704	1.0704	0.0000	0.9997	0.9997	0.0000
2024-03-04T08:28:45	2	0	1	1	0	1.0323	1.0316	-0.0007	-0.9928	-0.9928	0.0000
2024-03-04T08:38:08	1	0	12	12	0	1.0436	1.0436	0.0000	-0.9998	-0.9998	0.0000
2024-03-04T08:38:12	8	0	541	536	5	1.0622	1.0621	0.0000	-0.9689	-0.9688	-0.0001
2024-03-04T08:44:29	3	0	102	91	11	1.0536	1.0535	-0.0001	0.9969	0.9969	0.0000
2024-03-04T08:45:15	2	0	255	252	3	1.0561	1.0560	-0.0001	0.9809	0.9809	0.0000
2024-03-04T08:47:19	1	0	169	167	2	1.0568	1.0568	0.0000	0.9994	0.9994	0.0000
2024-03-04T08:55:46	1	0	3	3	0	0.9924	0.9922	-0.0002	-0.9719	-0.9685	-0.0034
2024-03-04T09:00:53	1	0	17	17	0	1.0497	1.0497	0.0000	0.9982	0.9982	0.0000
2024-03-04T09:01:07	3	0	5	5	0	1.0127	1.0127	0.0000	0.994	0.994	0.0000
2024-03-04T09:03:20	1	0	231	231	0	1.0595	1.0595	0.0000	-0.8958	-0.8957	-0.0001
2024-03-04T09:05:31	1	0	82	74	8	1.0540	1.0539	-0.0001	-0.9957	-0.9957	0.0000
2024-03-04T09:08:12	1	0	14	14	0	1.0354	1.0354	0.0000	-1	-1	0.0000
2024-03-04T09:08:14	9	0	432	425	7	1.0616	1.0615	-0.0001	-0.9645	-0.9646	0.0001
2024-03-04T09:09:59	1	0	61	61	0	1.0485	1.0485	0.0000	0.9962	0.9963	-0.0001
2024-03-04T09:13:06	1	0	1	1	0	0.9350	0.9353	0.0003	0.9998	0.9998	0.0000
2024-03-04T09:14:31	3	0	24	22	2	1.0522	1.0519	-0.0003	0.997	0.997	0.0000
2024-03-04T09:15:19	1	0	4	4	0	1.0209	1.0206	-0.0002	0.9896	0.9896	0.0000
2024-03-04T09:15:54	1	0	31	26	5	1.0532	1.0527	-0.0004	0.9982	0.9981	0.0001
2024-03-04T09:20:49	1	0	1	0	1	1.0372	null	null	-0.9967	-0.9966	-0.0001
2024-03-04T09:21:58	1	0	114	114	0	1.0659	1.0657	-0.0002	1	1	0.0000
2024-03-04T09:23:15	3	0	382	380	2	1.0618	1.0618	0.0000	-0.9625	-0.9624	-0.0001
2024-03-04T09:24:30	2	0	5	5	0	1.0478	1.0474	-0.0004	0.9899	0.9895	0.0004
2024-03-04T09:28:25	1	0	1	1	0	1.0337	1.0331	-0.0006	0.9972	0.9972	0.0000
2024-03-04T09:30:18	1	0	69	68	1	1.0538	1.0538	0.0000	0.9813	0.9813	0.0000
2024-03-04T09:31:56	1	0	2	2	0	1.0367	1.0365	-0.0002	0.9981	0.9981	0.0000
2024-03-04T09:32:22	1	0	49	48	1	1.0521	1.0521	0.0000	1	1	0.0000
2024-03-04T09:36:34	1	0	7	7	0	1.0562	1.0559	-0.0003	-0.9996	-0.9996	0.0000
2024-03-04T09:36:56	1	0	1	0	1	0.9449	null	null	-1	-1	0.0000
2024-03-04T09:36:59	1	0	114	114	0	1.0641	1.0639	-0.0002	-1	-1	0.0000
2024-03-04T09:37:50	1	0	26	24	2	1.0502	1.0498	-0.0005	0.9738	0.9736	0.0002
2024-03-04T09:38:25	1	0	307	305	2	1.0614	1.0614	0.0000	-0.9632	-0.9631	-0.0001
2024-03-04T09:39:29	1	0	103	102	1	1.0587	1.0587	0.0000	-0.9437	-0.9418	-0.0019
2024-03-04T09:43:28	2	0	6	6	0	1.0178	1.0177	-0.0002	-0.9741	-0.9717	-0.0024
2024-03-04T09:44:10	2	0	3	3	0	1.0473	1.0471	-0.0002	-0.9798	-0.9802	0.0004
2024-03-04T09:45:19	2	0	114	113	1	1.0549	1.0549	0.0000	0.978	0.9781	-0.0001
2024-03-04T09:46:59	1	0	3	3	0	1.0371	1.0369	-0.0002	0.9975	0.9974	0.0001
2024-03-04T09:47:23	7	0	215	199	16	1.0568	1.0566	-0.0002	0.9999	0.9999	0.0000
2024-03-04T09:48:42	1	0	5	4	1	1.0470	1.0465	-0.0004	-0.9674	-0.968	0.0006
2024-03-04T09:49:57	1	0	14	14	0	1.0500	1.0499	0.0000	0.9893	0.9889	0.0004
2024-03-04T09:50:29	4	0	254	247	7	1.0627	1.0621	-0.0005	0.9773	0.9765	0.0008
2024-03-04T09:52:54	1	0	29	28	1	1.0500	1.0501	0.0002	0.9735	0.9734	0.0001
2024-03-04T09:53:37	4	0	364	357	7	1.0624	1.0624	0.0000	-0.9668	-0.9669	0.0001
2024-03-04T09:56:53	2	0	40	39	1	1.0555	1.0554	-0.0002	1	1	0.0000
2024-03-04T09:59:12	1	0	1	1	0	1.0639	1.0636	-0.0003	-0.9822	-0.9822	0.0000
2024-03-04T10:00:20	3	0	102	97	5	1.0544	1.0543	-0.0001	0.9773	0.9773	0.0000
2024-03-04T10:00:22	2	0	1	1	0	1.0098	1.0091	-0.0007	0.9781	0.978	0.0001
2024-03-04T10:00:24	1	0	1	1	0	1.0288	1.0282	-0.0006	0.9955	0.9954	0.0001
2024-03-04T10:01:38	1	0	1	0	1	1.0297	null	null	0.9916	0.9913	0.0003
2024-03-04T10:02:01	1	0	2	2	0	1.0375	1.0372	-0.0003	0.9978	0.9978	0.0000
2024-03-04T10:02:24	6	0	187	172	15	1.0559	1.0556	-0.0003	0.9999	0.9999	0.0000
2024-03-04T10:03:43	1	0	1	1	0	0.9386	0.9389	0.0003	-1	-1	0.0000
2024-03-04T10:04:12	1	0	25	25	0	1.0520	1.0519	-0.0001	0.9982	0.9982	0.0000
2024-03-04T10:07:55	2	0	63	58	5	1.0537	1.0534	-0.0003	0.9733	0.9728	0.0005
2024-03-04T10:08:48	9	0	380	367	13	1.0630	1.0630	0.0000	-0.9644	-0.9645	0.0001
2024-03-04T10:09:33	1	0	15	14	1	1.0560	1.0560	-0.0001	0.9972	-1	-0.0028
2024-03-04T10:10:51	2	0	4	4	0	0.9925	0.9922	-0.0003	-0.9922	-0.9923	0.0001
2024-03-04T10:11:06	1	0	96	92	4	1.0559	1.0557	-0.0002	-0.9997	-0.9998	0.0001
2024-03-04T10:12:25	1	0	2	2	0	1.0003	1.0003	0.0001	-0.9848	-0.9879	0.0031
2024-03-04T10:13:47	1	0	20	21	-1	1.0485	1.0484	-0.0001	0.9976	0.9954	0.0022
2024-03-04T10:13:52	1	0	3	2	1	1.0452	1.0451	-0.0001	-0.9874	-0.9874	0.0000
2024-03-04T10:14:28	2	0	17	17	0	1.0473	1.0473	-0.0001	-0.9927	-0.9928	0.0001
2024-03-04T10:14:35	2	0	90	90	0	1.0544	1.0544	0.0000	0.997	0.9971	-0.0001
2024-03-04T10:15:21	3	0	156	152	4	1.0561	1.0561	0.0000	0.977	0.977	0.0000
2024-03-04T10:17:25	1	0	204	203	1	1.0569	1.0569	0.0000	0.9997	0.9998	-0.0001
2024-03-04T10:19:12	3	0	55	44	11	1.0540	1.0532	-0.0008	0.9981	0.998	0.0001
2024-03-04T10:20:36	4	0	129	123	6	1.0581	1.0581	0.0000	-0.9927	-0.9928	0.0001
2024-03-04T10:20:49	3	0	5	5	0	1.0514	1.0507	-0.0006	-0.9971	-0.9976	0.0005
2024-03-04T10:22:02	2	0	1	1	0	1.0364	1.0358	-0.0006	0.996	0.9959	0.0001
2024-03-04T10:24:01	20	0	790	771	19	1.0649	1.0648	-0.0001	-0.9608	-0.9613	0.0005
2024-03-04T10:24:32	1	0	59	58	1	1.0590	1.0591	0.0001	-0.9347	-0.9354	0.0007

2024-03-04T10:24:53	2	0	1	2	-1	1.0568	1.0507	-0.0061	-0.9883	-0.9915	0.0032
2024-03-04T10:26:50	1	0	1	1	0	1.0190	1.0185	-0.0005	0.9752	0.9748	0.0004
2024-03-04T10:28:53	2	0	6	6	0	1.0457	1.0455	-0.0002	-0.9872	-0.9876	0.0004
2024-03-04T10:30:22	2	0	130	125	5	1.0553	1.0553	0.0000	0.9785	0.9784	0.0001
2024-03-04T10:30:31	2	0	2	2	0	1.0444	1.0283	-0.0161	0.9941	0.9939	0.0002
2024-03-04T10:30:45	1	0	2	2	0	1.0386	1.0384	-0.0002	0.9966	0.9965	0.0001
2024-03-04T10:31:23	3	0	5	5	0	1.0128	1.0124	-0.0003	0.9907	0.9905	0.0002
2024-03-04T10:32:41	4	0	1	0	1	1.0392	null	null	-0.9824	-0.9827	0.0003
2024-03-04T10:33:53	2	0	53	51	2	1.0589	1.0588	-0.0001	0.997	0.9969	0.0001
2024-03-04T10:33:55	2	0	1	1	0	1.0223	1.0218	-0.0005	0.9725	0.9723	0.0002
2024-03-04T10:34:55	4	0	8	8	0	1.0480	1.0476	-0.0004	0.9835	0.9829	0.0006
2024-03-04T10:35:09	2	0	2	2	0	1.0428	1.0422	-0.0007	0.9788	0.9786	0.0002
2024-03-04T10:35:37	5	0	158	155	3	1.0603	1.0600	-0.0002	-0.9935	-0.9937	0.0002
2024-03-04T10:38:18	5	0	6	5	1	1.0383	1.0382	-0.0001	-1	-1	0.0000
2024-03-04T10:39:35	1	0	17	16	1	1.0468	1.0462	-0.0006	-0.9986	-0.9986	0.0000
2024-03-04T10:40:00	1	0	7	6	1	1.0434	1.0429	-0.0005	-0.9816	-0.9816	0.0000
2024-03-04T10:41:22	1	0	95	87	8	1.0551	1.0551	0.0000	-0.9994	-0.9995	0.0001
2024-03-04T10:41:27	1	0	12	10	2	1.0505	1.0503	-0.0002	0.9821	0.9821	0.0000
2024-03-04T10:41:57	1	0	5	5	0	1.0267	1.0266	-0.0001	0.9806	0.9804	0.0002
2024-03-04T10:42:27	2	0	2	2	0	0.9971	0.9974	0.0003	-0.9846	-0.9844	-0.0002
2024-03-04T10:43:46	1	0	2	2	0	1.0290	1.0288	-0.0003	0.9968	0.9967	0.0001
2024-03-04T10:43:54	4	0	9	9	0	1.0429	1.0428	-0.0001	-0.9882	-0.9884	0.0002
2024-03-04T10:44:37	1	0	36	34	2	1.0542	1.0541	0.0000	0.9967	0.9967	0.0000
2024-03-04T10:44:38	2	0	52	50	2	1.0521	1.0517	-0.0004	0.9932	0.9931	0.0001
2024-03-04T10:45:23	2	0	87	85	2	1.0538	1.0539	0.0001	0.9772	0.9772	0.0000
2024-03-04T10:45:53	2	0	1	0	1	0.9771	null	null	0.9931	0.9931	0.0000
2024-03-04T10:47:17	1	0	11	10	1	1.0426	1.0430	0.0004	0.9878	0.9877	0.0001
2024-03-04T10:48:02	2	0	33	31	2	0.9607	0.9616	0.0009	0.9525	0.9525	0.0000
2024-03-04T10:49:03	1	0	5	5	0	1.0440	1.0439	-0.0001	-0.9981	-0.9981	0.0000
2024-03-04T10:50:03	1	0	15	15	0	1.0514	1.0512	-0.0002	0.9817	0.9803	0.0014
2024-03-04T10:50:14	1	0	3	3	0	1.0470	1.0470	-0.0001	0.9951	0.9949	0.0002
2024-03-04T10:50:18	5	0	17	13	4	1.0534	1.0514	-0.0020	-0.6759	-0.6791	0.0032
2024-03-04T10:50:21	2	0	36	36	0	1.0494	1.0483	-0.0010	0.9999	0.9999	0.0000
2024-03-04T10:50:38	1	0	72	72	0	1.0565	1.0565	0.0000	-0.991	-0.991	0.0000
2024-03-04T10:50:45	1	0	44	44	0	1.0486	1.0485	0.0000	-0.9918	-0.9918	0.0000
2024-03-04T10:51:02	2	0	8	8	0	1.0516	1.0511	-0.0005	-0.9968	-0.9955	-0.0013
2024-03-04T10:52:25	3	0	1	0	1	1.0373	null	null	-0.9955	-0.9954	-0.0001
2024-03-04T10:53:01	1	0	83	83	0	1.0547	1.0545	-0.0001	0.9713	0.971	0.0003
2024-03-04T10:54:36	1	0	20	19	1	1.0488	1.0483	-0.0004	-0.9977	-0.9977	0.0000
2024-03-04T10:54:59	1	0	5	5	0	1.0288	1.0288	-0.0001	0.961	0.9609	0.0001
2024-03-04T10:55:50	2	0	1	0	1	1.0122	null	null	-0.997	-0.997	0.0000
2024-03-04T10:56:58	1	0	4	4	0	1.0212	1.0210	-0.0002	0.9806	0.9805	0.0001
2024-03-04T10:58:43	1	0	18	18	0	1.0479	1.0479	-0.0001	1	1	0.0000
2024-03-04T11:01:18	1	0	4	4	0	1.0235	1.0234	-0.0001	0.9665	0.9663	0.0002
2024-03-04T11:01:33	1	0	4	4	0	1.0109	1.0107	-0.0002	0.9894	0.9892	0.0002
2024-03-04T11:01:59	1	0	1	0	1	1.0550	null	null	0.9978	0.9978	0.0000
2024-03-04T11:02:54	3	0	37	36	1	1.0516	1.0518	0.0002	0.9988	0.9988	0.0000
2024-03-04T11:03:01	1	0	19	19	0	1.0497	1.0496	-0.0001	0.9996	0.9996	0.0000
2024-03-04T11:03:15	2	0	8	7	1	1.0524	1.0514	-0.0011	0.9682	0.9676	0.0006
2024-03-04T11:04:00	2	0	2	1	1	1.0476	1.0401	-0.0075	0.9342	0.9342	0.0000
2024-03-04T11:04:16	1	0	1	1	0	1.0181	1.0175	-0.0006	0.9699	0.9697	0.0002
2024-03-04T11:05:28	2	0	2	2	0	1.0465	1.0455	-0.0009	0.9989	0.9988	0.0001
2024-03-04T11:05:46	2	0	50	49	1	1.0482	1.0481	0.0000	-0.9911	-0.9912	0.0001
2024-03-04T11:09:37	1	0	22	21	1	1.0490	1.0487	-0.0004	-0.9977	-0.9972	-0.0005
2024-03-04T11:09:56	1	0	1	1	0	1.0594	1.0594	0.0000	-0.9876	-0.9875	-0.0001
2024-03-04T11:11:25	1	0	3	3	0	1.0344	1.0340	-0.0004	0.9866	0.9862	0.0004
2024-03-04T11:11:36	1	0	113	107	6	1.0566	1.0560	-0.0006	-0.9996	-0.9997	0.0001
2024-03-04T11:12:49	1	0	4	3	1	1.0564	1.0543	-0.0021	-0.9702	-0.9704	0.0002
2024-03-04T11:13:16	2	0	2	2	0	1.0742	1.0738	-0.0004	0.962	0.9616	0.0004
2024-03-04T11:14:39	2	0	147	125	22	1.0566	1.0562	-0.0004	0.9977	0.9964	0.0013
2024-03-04T11:15:50	1	0	2	2	0	1.0296	1.0293	-0.0003	0.9946	0.9945	0.0001
2024-03-04T11:16:38	2	0	1	1	0	1.0299	1.0293	-0.0006	0.9658	0.9647	0.0011
2024-03-04T11:17:39	1	0	95	94	1	0.9134	0.9150	0.0016	0.9628	0.9632	-0.0004
2024-03-04T11:17:56	3	0	25	26	-1	1.0513	1.0514	0.0001	0.9989	0.9988	0.0001
2024-03-04T11:19:04	1	0	8	7	1	1.0510	1.0497	-0.0013	0.9802	0.9799	0.0003
2024-03-04T11:19:10	1	0	2	2	0	1.0319	1.0318	-0.0002	-0.9748	-0.9748	0.0000
2024-03-04T11:20:20	1	0	17	16	1	1.0526	1.0524	-0.0002	-0.6696	-0.6699	0.0003
2024-03-04T11:20:32	1	0	41	41	0	1.0522	1.0521	-0.0001	0.9997	0.9997	0.0000
2024-03-04T11:20:45	3	0	13	13	0	1.0504	1.0500	-0.0003	0.8436	0.8417	0.0019
2024-03-04T11:22:14	4	0	3	3	0	0.9474	0.9471	-0.0003	0.9778	0.9775	0.0003
2024-03-04T11:24:19	2	0	385	381	4	1.0636	1.0636	0.0000	-0.9642	-0.9642	0.0000
2024-03-04T11:24:37	1	0	96	96	0	1.0591	1.0591	0.0000	-0.9471	-0.9446	-0.0025
2024-03-04T11:25:56	1	0	1	1	0	1.0282	1.0279	-0.0003	-0.989	-0.9891	0.0001
2024-03-04T11:28:57	10	0	5	3	2	1.0546	1.0486	-0.0060	-0.9886	-0.9892	0.0006
2024-03-04T11:29:02	2	0	3	3	0	1.0319	1.0317	-0.0002	0.9971	0.9971	0.0000
2024-03-04T11:29:18	4	0	4	4	0	1.0530	1.0528	-0.0002	-0.9723	-0.9724	0.0001
2024-03-04T11:29:40	7	0	244	181	63	1.0581	1.0578	-0.0003	0.997	0.9955	0.0015
2024-03-04T11:30:26	3	0	74	73	1	1.0540	1.0539	-0.0002	0.9751	0.9751	0.0000
2024-03-04T11:30:28	4	0	3	3	0	1.0211	1.0210	-0.0001	0.9748	0.9746	0.0002
2024-03-04T11:30:56	3	0	2	0	2	1.0567	null	null	0.9945	0.9945	0.0000
2024-03-04T11:30:59	2	0	2	2	0	1.0302	1.0301	-0.0001	0.9949	0.9948	0.0001
2024-03-04T11:31:03	3	0	99	98	1	1.0564	1.0564	0.0000	0.9983	0.9983	0.0000
2024-03-04T11:31:51	5	0	2	2	0	1.0071	1.0070	-0.0001	0.9897	0.9896	0.0001
2024-03-04T11:31:52	2	0	1	1	0	1.0599	1.0586	-0.0013	0.9806	0.9786	0.0020
2024-03-04T11:32:45	4	0	1	1	0	1.0572	1.0572	0.0000	-0.9783	-0.9782	-0.0001

2024-03-04T11:34:05	1	0	14	14	0	1.0570	1.0570	0.0000	0.9816	0.9817	-0.0001
2024-03-04T11:35:12	2	0	14	14	0	1.0532	1.0531	-0.0001	0.9759	0.9753	0.0006
2024-03-04T11:35:30	2	0	6	7	-1	1.0146	1.0190	0.0043	0.9977	0.9977	0.0000
2024-03-04T11:35:48	8	0	11	11	0	1.0499	1.0499	0.0000	0.8408	0.8409	-0.0001
2024-03-04T11:37:04	1	0	1	0	1	0.9437	null	null	0.9998	0.9999	-0.0001
2024-03-04T11:37:15	2	0	2	2	0	0.9066	0.9066	0.0000	0.9872	0.9872	0.0000
2024-03-04T11:38:27	1	0	1	1	0	1.0571	1.0571	0.0000	-0.9786	-0.9784	-0.0002
2024-03-04T11:39:38	1	0	76	78	-2	1.0594	1.0593	-0.0001	-0.9477	-0.9451	-0.0026
2024-03-04T11:40:53	2	0	1	1	0	1.0117	1.0104	-0.0013	-0.9978	-0.9979	0.0001
2024-03-04T11:41:52	1	0	120	113	7	1.0556	1.0553	-0.0003	-0.9989	-0.999	0.0001
2024-03-04T11:41:55	1	0	16	16	0	0.9190	0.9190	0.0000	0.9924	0.9924	0.0000
2024-03-04T11:42:27	1	0	30	28	2	1.0539	1.0538	-0.0001	0.9549	0.9547	0.0002
2024-03-04T11:44:11	2	0	4	4	0	1.0293	1.0293	0.0000	0.9973	0.9973	0.0000
2024-03-04T11:46:00	1	0	1	1	0	1.0165	1.0149	-0.0016	0.9449	0.9029	0.0420
2024-03-04T11:46:06	2	0	1	1	0	1.0310	1.0309	-0.0001	0.9943	0.9943	0.0000
2024-03-04T11:46:56	2	0	1	1	0	1.0562	1.0553	-0.0009	-0.9985	-0.9985	0.0000
2024-03-04T11:47:21	1	0	2	2	0	1.0087	1.0087	0.0000	0.9878	0.9878	0.0000
2024-03-04T11:47:46	4	0	1	1	0	1.0563	1.0563	0.0000	-0.9809	-0.9807	-0.0002
2024-03-04T11:49:06	1	0	311	95	216	1.0653	1.0631	-0.0022	0.9886	0.9845	0.0041
2024-03-04T11:49:30	2	0	53	53	0	1.0603	1.0603	0.0000	0.9973	0.9973	0.0000
2024-03-04T11:50:15	2	0	16	16	0	1.0534	1.0527	-0.0006	0.9821	0.9819	0.0002
2024-03-04T11:52:16	2	0	2	2	0	0.9069	0.9069	0.0000	0.9869	0.987	-0.0001
2024-03-04T11:53:28	1	0	1	1	0	1.0586	1.0586	0.0000	-0.9861	-0.9861	0.0000
2024-03-04T11:55:03	1	0	4	4	0	1.0308	1.0308	0.0000	0.9483	0.9483	0.0000
2024-03-04T11:56:53	2	0	113	115	-2	1.0558	1.0556	-0.0001	-0.9989	-0.9988	-0.0001
2024-03-04T11:56:56	1	0	16	16	0	0.9193	0.9193	0.0000	0.9931	0.9931	0.0000
2024-03-04T11:59:20	4	0	1	2	-1	1.0725	1.0674	-0.0051	-0.9709	-0.9695	-0.0014
2024-03-04T12:00:30	4	0	3	4	-1	1.0484	1.0422	-0.0063	0.9842	0.9845	-0.0003
2024-03-04T12:01:46	1	0	1	1	0	1.0384	1.0384	0.0000	0.9913	0.9912	0.0001
2024-03-04T12:02:39	8	0	26	25	1	1.0529	1.0527	-0.0002	0.9725	0.9724	0.0001
2024-03-04T12:04:43	1	0	58	58	0	1.0600	1.0600	0.0000	0.9951	0.9951	0.0000
2024-03-04T12:05:32	8	0	54	51	3	1.0554	1.0552	-0.0002	-0.997	-0.9971	0.0001
2024-03-04T12:06:54	1	0	1	0	1	1.0550	null	null	-0.9949	-0.9949	0.0000
2024-03-04T12:07:17	2	0	2	2	0	0.9081	0.9081	0.0000	0.9902	0.9903	-0.0001
2024-03-04T12:08:29	3	0	83	84	-1	1.1264	1.1233	-0.0030	-0.9875	-0.9805	-0.0070
2024-03-04T12:09:41	1	0	16	16	0	1.0476	1.0476	0.0000	-0.9963	-0.9962	-0.0001
2024-03-04T12:11:31	2	0	22	22	0	1.0475	1.0474	-0.0001	0.999	0.999	0.0000
2024-03-04T12:11:57	1	0	17	17	0	0.9328	0.9328	0.0000	0.9934	0.9935	-0.0001
2024-03-04T12:12:02	2	0	124	122	2	1.0569	1.0568	-0.0001	-0.9993	-0.9993	0.0000
2024-03-04T12:14:06	10	0	9	11	-2	1.0498	1.0509	0.0011	-0.9879	-0.9868	-0.0011
2024-03-04T12:14:58	2	0	11	10	1	1.0588	1.0585	-0.0003	0.9792	0.9792	0.0000
2024-03-04T12:16:16	1	0	27	26	1	1.0507	1.0506	-0.0002	0.9631	0.963	0.0001
2024-03-04T12:20:18	2	0	19	18	1	1.0535	1.0533	-0.0002	0.9845	0.9847	-0.0002
2024-03-04T12:20:33	1	0	103	102	1	1.0576	1.0577	0.0000	-0.9923	-0.9923	0.0000
2024-03-04T12:20:54	10	0	6	7	-1	1.0493	1.0491	-0.0002	0.8323	0.8351	-0.0028
2024-03-04T12:24:41	1	0	114	112	2	1.0594	1.0594	0.0000	-0.9231	-0.9211	-0.0020
2024-03-04T12:25:03	1	0	22	21	1	1.0488	1.0485	-0.0003	-0.959	-0.9589	-0.0001
2024-03-04T12:32:49	4	0	1	2	-1	1.0566	1.0557	-0.0009	-0.9819	-0.9816	-0.0003
2024-03-04T12:35:50	2	0	21	20	1	1.0471	1.0466	-0.0005	0.9973	0.9973	0.0000
2024-03-04T12:37:08	1	0	2	3	-1	0.9408	0.9414	0.0005	0.998	0.9978	0.0002
2024-03-04T12:46:01	2	0	1	2	-1	0.9762	1.0157	0.0395	0.9949	0.9949	0.0000
2024-03-04T12:59:24	1	0	1	2	-1	1.0718	1.0666	-0.0052	-0.9694	-0.9692	-0.0002
2024-03-04T13:00:01	1	0	4	5	-1	1.0655	1.0641	-0.0014	0.9821	0.9822	-0.0001
2024-03-04T13:00:06	1	0	4	4	0	1.0554	1.0547	-0.0007	0.9881	0.9881	0.0000
2024-03-04T13:02:01	2	0	1	0	1	1.0584	null	null	-0.9986	-0.9985	-0.0001
2024-03-04T13:04:04	1	0	119	111	8	0.9189	0.9201	0.0011	0.9632	0.9634	-0.0002
2024-03-04T13:04:47	2	0	47	45	2	1.0588	1.0587	-0.0001	0.9949	0.9932	0.0017
2024-03-04T13:09:42	1	0	74	73	1	1.0559	1.0559	0.0000	0.9533	0.9532	0.0001
2024-03-04T13:11:03	3	0	1	2	-1	1.0294	1.0270	-0.0024	-0.9811	-0.9799	-0.0012
2024-03-04T13:34:15	1	0	8	9	-1	1.0532	1.0535	0.0003	0.9832	0.9833	-0.0001
2024-03-04T13:41:05	3	0	1	1	0	1.0236	1.0228	-0.0008	-0.9883	-0.9877	-0.0006
2024-03-04T13:42:35	1	0	10	10	0	1.0479	1.0479	0.0000	0.9718	0.9719	-0.0001
2024-03-04T13:42:37	2	0	172	163	9	1.0569	1.0567	-0.0002	-0.999	-0.9991	0.0001
2024-03-04T13:44:28	4	0	5	5	0	1.0440	1.0432	-0.0007	-0.9902	-0.9906	0.0004
2024-03-04T13:56:06	1	0	1	1	0	1.0333	1.0304	-0.0029	-0.9802	-0.9803	0.0001
2024-03-04T13:57:13	1	0	79	79	0	1.1436	1.1433	-0.0004	-0.9972	-0.9972	0.0000
2024-03-04T14:00:05	1	0	2	2	0	1.0598	1.0597	-0.0001	0.9843	0.9842	0.0001
2024-03-04T14:01:15	2	0	52	39	13	1.0540	1.0540	0.0000	0.9982	0.9945	0.0037
2024-03-04T14:01:23	1	0	1	1	0	1.0304	1.0304	0.0000	0.996	0.996	0.0000
2024-03-04T14:02:45	2	0	3	3	0	1.0417	1.0414	-0.0002	0.9835	0.9834	0.0001
2024-03-04T14:04:03	3	0	9	9	0	1.0478	1.0477	0.0000	-0.9941	-0.9918	-0.0023
2024-03-04T14:04:17	1	0	237	49	188	1.0606	1.0589	-0.0017	0.9893	0.9845	0.0048
2024-03-04T14:04:56	1	0	57	56	1	1.0615	1.0613	-0.0001	0.9936	0.9919	0.0017
2024-03-04T14:05:28	2	0	19	18	1	1.0533	1.0529	-0.0004	0.9967	0.9961	0.0006
2024-03-04T14:05:31	5	0	8	9	-1	1.0538	1.0542	0.0004	-0.715	-0.7124	-0.0026
2024-03-04T14:06:03	1	0	7	7	0	1.0494	1.0494	0.0000	0.8359	0.8357	0.0002
2024-03-04T14:07:17	1	0	3	3	0	0.9402	0.9407	0.0005	0.9975	0.9976	-0.0001
2024-03-04T14:07:19	4	0	8	9	-1	1.0582	1.0581	-0.0002	0.9935	0.9936	-0.0001
2024-03-04T14:09:46	1	0	74	73	1	1.0566	1.0566	-0.0001	0.9551	0.9551	0.0000
2024-03-04T14:09:48	1	0	43	43	0	1.0595	1.0595	0.0000	-0.9149	-0.9144	-0.0005
2024-03-04T14:10:07	1	0	22	21	1	1.0514	1.0510	-0.0003	0.9327	0.9326	0.0001
2024-03-04T14:11:07	2	0	2	2	0	1.0337	1.0331	-0.0007	-0.9793	-0.9793	0.0000
2024-03-04T14:12:05	2	0	3	4	-1	1.0533	1.0508	-0.0025	0.9814	0.9815	-0.0001
2024-03-04T14:12:14	1	0	80	80	0	1.1413	1.1409	-0.0004	-0.9962	-0.9962	0.0000
2024-03-04T14:12:47	2	0	124	120	4	1.0562	1.0559	-0.0003	-0.9992	-0.9992	0.0000

2024-03-04T14:14:29	4	0	6	6	0	1.0514	1.0514	-0.0001	-0.9669	-0.9673	0.0004
2024-03-04T14:14:30	6	0	2	1	1	1.0454	1.0339	-0.0115	-0.9905	-0.9908	0.0003
2024-03-04T14:14:44	1	0	19	18	1	1.0470	1.0471	0.0001	-0.9901	-0.9902	0.0001
2024-03-04T14:16:16	1	0	72	70	2	1.0550	1.0549	-0.0001	0.9994	0.9993	0.0001
2024-03-04T14:17:08	5	0	4	4	0	1.0123	1.0122	-0.0001	0.9903	0.9903	0.0000
2024-03-04T14:17:46	2	0	3	3	0	1.0388	1.0387	-0.0001	0.9842	0.9842	0.0000
2024-03-04T14:19:10	2	0	172	172	0	0.9059	0.9062	0.0003	0.9651	0.9649	0.0002
2024-03-04T14:19:18	1	0	19	18	1	1.0568	1.0568	0.0000	0.9876	0.9876	0.0000
2024-03-04T14:20:01	2	0	49	47	2	1.0597	1.0595	-0.0001	0.9939	0.9938	0.0001
2024-03-04T14:20:31	2	0	19	18	1	1.0533	1.0530	-0.0004	0.9996	0.9993	0.0003
2024-03-04T14:20:45	1	0	21	20	1	1.0531	1.0529	-0.0002	-0.9988	-0.9988	0.0000
2024-03-04T14:20:54	1	0	1	1	0	1.0562	1.0557	-0.0005	0.9952	0.9965	-0.0013
2024-03-04T14:21:04	2	0	7	7	0	1.0493	1.0491	-0.0002	0.8348	0.8338	0.0010
2024-03-04T14:21:24	2	0	2	2	0	1.0645	1.0644	-0.0002	-0.9999	-1	0.0001
2024-03-04T14:22:18	1	0	2	2	0	0.9417	0.9421	0.0004	0.9994	0.9995	-0.0001
2024-03-04T14:22:20	2	0	8	8	0	1.0609	1.0608	-0.0001	0.9938	0.9938	0.0000
2024-03-04T14:24:50	1	0	18	17	1	1.0508	1.0504	-0.0004	-0.9944	-0.9944	0.0000
2024-03-04T14:27:06	1	0	16	16	0	0.9191	0.9195	0.0003	0.9945	0.9947	-0.0002
2024-03-04T14:27:15	1	0	79	79	0	1.1066	1.1065	-0.0001	-0.9967	-0.9967	0.0000
2024-03-04T14:27:54	2	0	100	86	14	1.0560	1.0558	-0.0002	-0.9994	-0.9994	0.0000
2024-03-04T14:28:29	1	0	3	3	0	1.0263	1.0263	0.0000	-0.9998	-0.9998	0.0000
2024-03-04T14:29:30	1	0	3	3	0	1.0552	1.0551	-0.0001	-0.9681	-0.9678	-0.0003
2024-03-04T14:29:53	2	0	17	17	0	1.0469	1.0469	0.0000	-0.9901	-0.9901	0.0000
2024-03-04T14:31:17	2	0	25	25	0	1.0499	1.0498	0.0000	0.9882	0.988	0.0002
2024-03-04T14:31:25	1	0	1	1	0	1.0299	1.0295	-0.0004	0.9963	0.9962	0.0001
2024-03-04T14:32:16	3	0	4	4	0	1.0115	1.0113	-0.0002	0.9893	0.9892	0.0001
2024-03-04T14:32:32	1	0	6	6	0	1.0360	1.0360	0.0000	0.9918	0.9917	0.0001
2024-03-04T14:33:23	1	0	1	0	1	1.0550	null	null	0.8608	0.8608	0.0000
2024-03-04T14:34:05	2	0	21	21	0	1.0468	1.0472	0.0004	-0.9898	-0.9899	0.0001
2024-03-04T14:34:19	1	0	120	84	36	1.0664	1.0623	-0.0041	0.9912	0.9869	0.0043
2024-03-04T14:34:19	1	0	70	68	2	0.9275	0.9277	0.0002	0.9747	0.9746	0.0001
2024-03-04T14:35:07	2	0	60	59	1	1.0602	1.0602	0.0000	0.9938	0.9938	0.0000
2024-03-04T14:35:32	3	0	19	18	1	1.0533	1.0530	-0.0003	0.9992	0.9989	0.0003
2024-03-04T14:35:33	4	0	9	9	0	1.0526	1.0523	-0.0003	-0.7537	-0.7547	0.0010
2024-03-04T14:35:44	1	0	7	7	0	1.0528	1.0525	-0.0003	0.9993	0.9993	0.0000
2024-03-04T14:35:55	1	0	1	1	0	1.0565	1.0564	-0.0001	0.9956	0.9955	0.0001
2024-03-04T14:36:07	5	0	7	7	0	1.0497	1.0493	-0.0004	0.8344	0.8322	0.0022
2024-03-04T14:36:26	1	0	2	2	0	1.0654	1.0652	-0.0003	-0.9996	-0.9997	0.0001
2024-03-04T14:36:54	1	0	17	16	1	1.0187	1.0234	0.0047	-1	-1	0.0000
2024-03-04T14:37:21	2	0	5	5	0	1.0604	1.0602	-0.0001	0.9933	0.9933	0.0000
2024-03-04T14:39:48	4	0	71	71	0	1.0551	1.0559	0.0009	0.9544	0.9542	0.0002
2024-03-04T14:40:11	1	0	26	25	1	1.0531	1.0528	-0.0003	0.9309	0.9307	0.0002
2024-03-04T14:40:20	1	0	4	4	0	1.0350	1.0350	0.0000	0.9656	0.9656	0.0000
2024-03-04T14:42:07	2	0	1	1	0	1.0396	1.0394	-0.0002	0.9784	0.9783	0.0001
2024-03-04T14:42:07	1	0	16	16	0	0.9180	0.9181	0.0000	0.9945	0.9946	-0.0001
2024-03-04T14:43:02	2	0	143	137	6	1.0561	1.0559	-0.0002	-0.9986	-0.9986	0.0000
2024-03-04T14:43:30	1	0	4	4	0	1.0480	1.0479	-0.0001	0.933	0.9328	0.0002
2024-03-04T14:44:05	1	0	33	33	0	1.0523	1.0523	0.0000	0.9979	0.9978	0.0001
2024-03-04T14:44:31	4	0	4	4	0	1.0507	1.0505	-0.0002	-0.9658	-0.9661	0.0003
2024-03-04T14:44:32	2	0	6	6	0	1.0421	1.0417	-0.0004	-0.9898	-0.99	0.0002
2024-03-04T14:44:53	2	0	17	17	0	1.0475	1.0475	0.0000	-0.9911	-0.9912	0.0001
2024-03-04T14:44:53	5	0	37	37	0	1.0544	1.0544	0.0000	0.9969	0.9969	0.0000
2024-03-04T14:45:43	2	0	95	94	1	1.0531	1.0531	0.0000	0.9759	0.9759	0.0000
2024-03-04T14:47:06	1	0	1	1	0	1.0556	1.0553	-0.0003	0.982	0.9816	0.0004
2024-03-04T14:51:32	1	0	3	3	0	1.0614	1.0612	-0.0002	-1	1	0.0000
2024-03-04T14:53:19	2	0	56	55	1	1.0533	1.0532	-0.0001	0.9699	0.9698	0.0001
2024-03-04T14:53:43	1	0	6	6	0	1.0377	1.0375	-0.0002	0.9998	0.9998	0.0000
2024-03-04T14:54:49	1	0	83	83	0	1.0575	1.0575	0.0000	0.9575	0.9573	0.0002
2024-03-04T14:55:18	1	0	32	30	2	1.0541	1.0539	-0.0002	0.9346	0.9345	0.0001
2024-03-04T14:57:17	1	0	80	80	0	1.0888	1.0885	-0.0002	-0.9992	-0.9992	0.0000
2024-03-04T15:00:10	1	0	2	2	0	1.0578	1.0577	-0.0002	0.9839	0.9838	0.0001
2024-03-04T15:01:41	1	0	19	19	0	1.0472	1.0471	-0.0001	-0.9942	-0.9943	0.0001
2024-03-04T15:02:32	2	0	5	5	0	1.0118	1.0116	-0.0001	0.9873	0.9873	0.0000
2024-03-04T15:02:59	1	0	1	0	1	1.0562	null	null	0.9626	0.9626	0.0000
2024-03-04T15:06:13	1	0	67	65	2	1.0502	1.0502	0.0000	-0.9858	-0.9859	0.0001
2024-03-04T15:08:03	1	0	2	2	0	1.0512	1.0511	-0.0001	0.9952	0.9952	0.0000
2024-03-04T15:08:21	1	0	4	4	0	1.0422	1.0421	-0.0002	0.9974	0.9974	0.0000
2024-03-04T15:08:23	2	0	126	124	2	1.0552	1.0551	0.0000	0.9691	0.969	0.0001
2024-03-04T15:10:24	1	0	51	49	2	1.0552	1.0550	-0.0001	0.9344	0.9342	0.0002
2024-03-04T15:11:14	3	0	1	1	0	1.0391	1.0380	-0.0011	-0.9745	-0.9748	0.0003
2024-03-04T15:11:43	2	0	14	14	0	1.0421	1.0418	-0.0002	0.996	0.9964	-0.0004
2024-03-04T15:14:37	1	0	2	2	0	1.0307	1.0307	-0.0001	0.9795	0.9795	0.0000
2024-03-04T15:16:28	1	0	26	25	1	1.0504	1.0505	0.0001	0.9729	0.9723	0.0006
2024-03-04T15:16:40	1	0	1	0	1	1.0307	null	null	0.9963	0.9963	0.0000
2024-03-04T15:18:22	1	0	28	27	1	1.0468	1.0464	-0.0003	0.9648	0.9647	0.0001
2024-03-04T15:20:49	2	0	22	22	0	1.0524	1.0523	-0.0001	-0.9998	-0.9998	0.0000
2024-03-04T15:22:32	1	0	4	4	0	0.9220	0.9222	0.0002	0.982	0.9816	0.0004
2024-03-04T15:23:20	1	0	3	3	0	1.0443	1.0440	-0.0002	-0.992	-0.9921	0.0001
2024-03-04T15:23:26	1	0	51	50	1	1.0534	1.0532	-0.0001	0.971	0.9708	0.0002
2024-03-04T15:24:53	1	0	111	110	1	1.0594	1.0593	0.0000	-0.9374	-0.9354	-0.0020
2024-03-04T15:25:29	1	0	145	145	0	1.0567	1.0566	-0.0001	0.9452	0.945	0.0002
2024-03-04T15:29:08	1	0	50	49	1	1.0525	1.0525	0.0000	0.9992	0.9992	0.0000
2024-03-04T15:31:12	2	0	1	0	1	0.9768	null	null	0.9947	0.9948	-0.0001
2024-03-04T15:31:48	1	0	1	1	0	1.0330	1.0326	-0.0004	0.9969	0.9968	0.0001
2024-03-04T15:32:42	4	0	5	5	0	1.0085	1.0082	-0.0003	0.9892	0.9889	0.0003

2024-03-04T15:36:17	2	0	6	7	-1	1.0500	1.0488	-0.0013	-0.9993	-0.9994	0.0001
2024-03-04T15:40:35	1	0	100	98	2	1.0558	1.0557	-0.0001	0.9458	0.9457	0.0001
2024-03-04T15:43:33	1	0	168	165	3	1.0563	1.0561	-0.0001	-0.9989	-0.9989	0.0000
2024-03-04T15:44:39	1	0	3	3	0	1.0308	1.0307	-0.0001	0.9809	0.9807	0.0002
2024-03-04T15:45:04	2	0	39	38	1	1.0500	1.0499	-0.0001	-0.9867	-0.9867	0.0000
2024-03-04T15:47:54	3	0	41	41	0	1.0537	1.0537	0.0000	0.9747	0.9747	0.0000
2024-03-04T15:50:58	2	0	101	101	0	1.0539	1.0538	0.0000	-0.9994	-0.9994	0.0000
2024-03-04T15:53:22	2	0	3	3	0	1.0421	1.0418	-0.0003	-0.9901	-0.9902	0.0001
2024-03-04T15:53:24	1	0	11	11	0	1.0405	1.0404	-0.0001	0.9984	0.9984	0.0000
2024-03-04T15:56:17	2	0	2	3	-1	1.0350	1.0316	-0.0034	-0.9819	-0.9749	-0.0070
2024-03-04T15:57:44	2	0	67	67	0	1.0564	1.0563	-0.0001	0.9492	0.9492	0.0000
2024-03-04T16:00:48	2	0	146	148	-2	1.0552	1.0552	0.0000	0.9776	0.9776	0.0000
2024-03-04T16:02:53	2	0	4	4	0	1.0311	1.0311	-0.0001	0.9876	0.9875	0.0001
2024-03-04T16:07:23	11	0	1	1	0	1.0244	1.0213	-0.0031	0.9937	0.9935	0.0002
2024-03-04T16:22:24	2	0	2	2	0	1.0286	1.0281	-0.0006	0.9935	0.9936	-0.0001
2024-03-04T16:26:19	1	0	3	3	0	1.0261	1.0260	-0.0001	-0.9833	-0.9834	0.0001
2024-03-04T16:41:20	1	0	2	2	0	1.0265	1.0260	-0.0005	-0.9818	-0.9813	-0.0005
2024-03-04T16:55:56	1	0	303	303	0	1.0659	1.0658	-0.0001	0.9745	0.9744	0.0001
2024-03-04T17:11:00	1	0	283	283	0	1.0643	1.0642	0.0000	0.9741	0.974	0.0001
2024-03-04T17:26:23	1	0	2	2	0	1.0253	1.0250	-0.0003	-0.9832	-0.981	-0.0022
2024-03-05T08:22:01	1	0	138	138	0	1.0680	1.0679	-0.0001	0.9937	0.9937	0.0000
2024-03-05T08:36:59	1	0	3	3	0	0.9417	0.9420	0.0003	0.9997	0.9998	-0.0001
2024-03-05T08:42:00	2	0	49	49	0	1.0558	1.0557	-0.0001	-0.999	-0.999	0.0000
2024-03-05T08:48:58	1	0	94	93	1	1.0577	1.0577	0.0000	-0.9226	-0.9225	-0.0001
2024-03-05T08:51:01	2	0	140	136	4	1.0567	1.0562	-0.0005	0.9754	0.9754	0.0000
2024-03-05T09:00:00	3	0	28	26	2	1.0519	1.0516	-0.0003	0.997	0.9971	-0.0001
2024-03-05T09:00:44	1	0	74	73	1	1.0480	1.0478	-0.0002	0.9981	0.9981	0.0000
2024-03-05T09:01:45	1	0	3	3	0	1.0078	1.0077	-0.0001	0.9918	0.9906	0.0012
2024-03-05T09:06:02	4	0	176	173	3	1.0576	1.0575	-0.0001	0.9738	0.9738	0.0000
2024-03-05T09:06:03	2	0	92	86	6	1.0555	1.0553	-0.0001	0.9999	0.9999	0.0000
2024-03-05T09:06:04	1	0	6	6	0	1.0261	1.0261	0.0000	0.9868	0.9867	0.0001
2024-03-05T09:07:01	1	0	1	1	0	0.9440	0.9445	0.0005	0.9995	0.9996	-0.0001
2024-03-05T09:08:42	3	0	220	214	6	1.0598	1.0597	0.0000	-0.9777	-0.9776	-0.0001
2024-03-05T09:11:06	1	0	1	1	0	1.0257	1.0249	-0.0008	-0.9779	-0.9748	-0.0031
2024-03-05T09:12:02	2	0	52	52	0	1.0571	1.0570	-0.0001	-0.9999	-0.9999	0.0000
2024-03-05T09:13:56	1	0	1	1	0	1.0244	1.0240	-0.0004	0.991	0.9909	0.0001
2024-03-05T09:21:05	1	0	2	2	0	1.0374	1.0371	-0.0003	-0.9746	-0.9741	-0.0005
2024-03-05T09:25:04	2	0	5	5	0	1.0501	1.0497	-0.0004	0.9896	0.9893	0.0003
2024-03-05T09:26:06	2	0	1	1	0	1.0094	1.0086	-0.0008	-0.9983	-0.9983	0.0000
2024-03-05T09:31:35	1	0	1	11	-10	0.9639	0.9480	-0.0159	0.9714	0.916	0.0554
2024-03-05T09:36:05	5	0	47	46	1	1.0520	1.0522	0.0001	0.9998	0.9998	0.0000
2024-03-05T09:40:07	1	0	33	33	0	1.0470	1.0470	0.0000	0.9954	0.9953	0.0001
2024-03-05T09:43:58	1	0	5	5	0	1.0104	1.0102	-0.0001	-0.9877	-0.986	-0.0017
2024-03-05T09:45:05	1	0	17	16	1	1.0520	1.0518	-0.0002	0.9707	0.9707	0.0000
2024-03-05T09:45:47	1	0	119	117	2	1.0522	1.0521	-0.0001	0.9983	0.9983	0.0000
2024-03-05T09:46:47	1	0	11	11	0	1.0466	1.0465	-0.0002	0.9909	0.9908	0.0001
2024-03-05T09:46:48	2	0	4	4	0	1.0078	1.0076	-0.0001	0.9874	0.9873	0.0001
2024-03-05T09:49:02	1	0	64	63	1	1.0556	1.0556	0.0000	-0.9239	-0.9241	0.0002
2024-03-05T09:50:03	3	0	87	86	1	1.0557	1.0557	-0.0001	0.9995	0.9995	0.0000
2024-03-05T09:50:13	1	0	12	11	1	1.0491	1.0486	-0.0006	0.9858	0.9855	0.0003
2024-03-05T09:51:05	3	0	156	150	6	1.0581	1.0583	0.0002	0.9706	0.97	0.0006
2024-03-05T09:52:03	1	0	10	10	0	0.9595	0.9594	-0.0001	-1	-1	0.0000
2024-03-05T09:52:12	1	0	15	13	2	0.9341	0.9344	0.0003	0.9766	0.976	0.0006
2024-03-05T09:56:08	2	0	8	8	0	0.9483	0.9490	0.0006	0.9467	0.9469	-0.0002
2024-03-05T09:56:17	1	0	35	31	4	1.0538	1.0542	0.0004	1	1	0.0000
2024-03-05T09:58:39	1	0	1	1	0	0.9366	0.9372	0.0006	-1	-1	0.0000
2024-03-05T09:58:59	1	0	2	3	-1	1.0075	1.0032	-0.0043	-0.9806	-0.9783	-0.0023
2024-03-05T09:59:16	1	0	2	2	0	1.0476	1.0474	-0.0002	-0.9832	-0.9831	-0.0001
2024-03-05T10:00:04	3	0	25	21	4	1.0509	1.0499	-0.0010	0.9976	0.9975	0.0001
2024-03-05T10:00:06	1	0	21	20	1	1.0540	1.0537	-0.0003	0.9728	0.9727	0.0001
2024-03-05T10:01:49	1	0	6	6	0	1.0125	1.0125	-0.0001	0.9908	0.9907	0.0001
2024-03-05T10:02:44	1	0	37	36	1	1.0502	1.0502	0.0000	-1	-1	0.0000
2024-03-05T10:03:49	2	0	66	66	0	0.9843	0.9845	0.0002	0.9463	0.9463	0.0000
2024-03-05T10:05:04	1	0	27	18	9	0.9399	0.9407	0.0008	0.9879	0.988	-0.0001
2024-03-05T10:05:14	1	0	15	15	0	1.0510	1.0509	-0.0001	0.993	0.9926	0.0004
2024-03-05T10:05:16	2	0	1	1	0	1.0457	1.0450	-0.0007	0.9784	0.9783	0.0001
2024-03-05T10:05:17	1	0	4	4	0	1.0501	1.0498	-0.0003	-0.8037	-0.8039	0.0002
2024-03-05T10:06:07	2	0	93	93	0	1.0545	1.0545	0.0000	0.9998	0.9998	0.0000
2024-03-05T10:10:17	2	0	35	34	1	1.0481	1.0479	-0.0002	0.9956	0.9956	0.0000
2024-03-05T10:11:12	1	0	1	1	0	1.0234	1.0230	-0.0004	-0.9844	-0.9843	-0.0001
2024-03-05T10:11:19	1	0	1	1	0	1.0351	1.0347	-0.0004	0.9975	0.9976	-0.0001
2024-03-05T10:13:04	2	0	4	4	0	1.0441	1.0439	-0.0003	-0.9932	-0.9933	0.0001
2024-03-05T10:14:00	1	0	9	9	0	1.0439	1.0438	-0.0001	0.9971	0.9971	0.0000
2024-03-05T10:15:06	1	0	1	1	0	1.0344	1.0344	0.0000	0.9999	0.9999	0.0000
2024-03-05T10:15:07	1	0	19	18	1	1.0535	1.0532	-0.0002	0.9704	0.9703	0.0001
2024-03-05T10:16:38	1	0	2	2	0	1.0367	1.0365	-0.0002	0.9961	0.9961	0.0000
2024-03-05T10:16:50	4	0	6	6	0	1.0098	1.0095	-0.0002	0.9908	0.9906	0.0002
2024-03-05T10:19:04	1	0	127	127	0	1.0568	1.0568	0.0000	-0.9205	-0.9207	0.0002
2024-03-05T10:19:39	1	0	15	14	1	1.0548	1.0547	-0.0002	0.9865	0.9864	0.0001
2024-03-05T10:20:05	3	0	86	75	11	1.0555	1.0553	-0.0002	0.9997	0.9997	0.0000
2024-03-05T10:20:18	1	0	4	4	0	1.0498	1.0495	-0.0002	-0.8064	-0.8065	0.0001
2024-03-05T10:21:14	1	0	2	2	0	1.0534	1.0532	-0.0002	-0.894	-0.895	0.0010
2024-03-05T10:22:14	1	0	1	1	0	0.9591	0.9598	0.0007	0.992	0.9804	0.0116
2024-03-05T10:28:07	2	0	1	1	0	0.9910	0.9915	0.0005	-0.9849	-0.9848	-0.0001
2024-03-05T10:29:02	2	0	3	2	1	1.0295	1.0247	-0.0048	-0.991	-0.9913	0.0003

2024-03-05T10:30:07	1	0	2	2	0	1.0450	1.0447	-0.0003	0.9873	0.9872	0.0001
2024-03-05T10:30:08	1	0	21	21	0	1.0537	1.0537	0.0000	0.9722	0.9721	0.0001
2024-03-05T10:33:38	1	0	1	0	1	1.0560	null	null	0.9722	0.972	0.0002
2024-03-05T10:33:47	4	0	14	14	0	1.0449	1.0448	-0.0001	-0.9628	-0.9632	0.0004
2024-03-05T10:35:06	1	0	44	44	0	1.0539	1.0538	-0.0001	0.9998	0.9998	0.0000
2024-03-05T10:35:08	2	0	1	0	1	1.0122	null	null	0.9783	0.9782	0.0001
2024-03-05T10:35:18	1	0	11	11	0	1.0514	1.0512	-0.0002	0.9871	0.986	0.0011
2024-03-05T10:35:19	4	0	4	3	1	1.0456	1.0454	-0.0002	0.9845	0.984	0.0005
2024-03-05T10:36:14	1	0	57	56	1	1.0540	1.0539	-0.0001	1	1	0.0000
2024-03-05T10:37:06	1	0	33	32	1	0.9399	0.9401	0.0002	0.9989	0.9989	0.0000
2024-03-05T10:37:22	2	0	3	3	0	1.0479	1.0475	-0.0004	0.9912	0.9911	0.0001
2024-03-05T10:40:01	1	0	93	93	0	1.0605	1.0605	0.0000	0.9644	0.9644	0.0000
2024-03-05T10:40:41	3	0	1	1	0	1.0568	1.0561	-0.0007	-0.9996	-0.9997	0.0001
2024-03-05T10:40:42	1	0	38	37	1	1.0482	1.0480	-0.0003	0.995	0.995	0.0000
2024-03-05T10:41:14	1	0	1	1	0	1.0268	1.0264	-0.0004	-0.9889	-0.9888	-0.0001
2024-03-05T10:41:41	1	0	24	22	2	1.0533	1.0529	-0.0004	-1	-1	0.0000
2024-03-05T10:41:57	2	0	7	7	0	1.0369	1.0366	-0.0003	0.9898	0.9897	0.0001
2024-03-05T10:43:06	1	0	81	81	0	1.1438	1.1421	-0.0017	-0.9903	-0.9904	0.0001
2024-03-05T10:45:14	1	0	2	2	0	1.0332	1.0331	-0.0001	0.9968	0.9968	0.0000
2024-03-05T10:45:17	2	0	30	29	1	1.0555	1.0554	-0.0001	0.9724	0.9724	0.0000
2024-03-05T10:45:51	2	0	131	129	2	1.0526	1.0525	-0.0001	0.9981	0.9981	0.0000
2024-03-05T10:45:51	1	0	1	1	0	1.0589	1.0586	-0.0003	0.9985	0.9985	0.0000
2024-03-05T10:47:47	5	0	45	41	4	1.0528	1.0520	-0.0009	-0.9999	-0.9999	0.0000
2024-03-05T10:48:15	1	0	1	1	0	1.0429	1.0425	-0.0004	0.9723	0.9723	0.0000
2024-03-05T10:49:40	1	0	21	20	1	1.0565	1.0563	-0.0001	0.9892	0.9891	0.0001
2024-03-05T10:50:00	1	0	13	13	0	1.0547	1.0547	0.0000	0.9985	0.9985	0.0000
2024-03-05T10:50:44	2	0	7	7	0	1.0551	1.0551	-0.0001	-0.8141	-0.8157	0.0016
2024-03-05T10:52:23	3	0	5	4	1	0.9970	1.0104	0.0134	0.9915	0.9916	-0.0001
2024-03-05T10:54:02	2	0	118	116	2	1.0561	1.0561	0.0000	-0.9909	-0.9909	0.0000
2024-03-05T10:55:41	1	0	44	41	3	1.0481	1.0480	-0.0001	0.9954	0.9954	0.0000
2024-03-05T10:55:46	1	0	4	4	0	1.0334	1.0334	-0.0001	0.9477	0.9476	0.0001
2024-03-05T10:56:15	1	0	2	2	0	1.0246	1.0241	-0.0005	-0.9819	-0.9819	0.0000
2024-03-05T10:58:06	1	0	5	5	0	1.0195	1.0195	-0.0001	0.9719	0.9717	0.0002
2024-03-05T10:59:01	1	0	18	17	1	1.0474	1.0474	0.0000	0.9967	0.9966	0.0001
2024-03-05T10:59:03	1	0	13	13	0	1.0493	1.0493	0.0000	0.9976	0.9975	0.0001
2024-03-05T11:00:56	2	0	3	3	0	1.0149	1.0139	-0.0010	0.9776	0.9774	0.0002
2024-03-05T11:02:48	3	0	46	45	1	1.0543	1.0540	-0.0003	-1	-1	0.0000
2024-03-05T11:04:06	1	0	2	2	0	0.9985	0.9983	-0.0002	0.9908	0.9909	-0.0001
2024-03-05T11:04:42	1	0	1	1	0	1.0129	1.0124	-0.0005	0.97	0.9697	0.0003
2024-03-05T11:04:42	1	0	1	1	0	1.0370	1.0366	-0.0004	-0.9885	-0.9885	0.0000
2024-03-05T11:05:05	1	0	4	4	0	1.0472	1.0468	-0.0004	-0.9706	-0.9709	0.0003
2024-03-05T11:05:35	2	0	1	1	0	1.0156	1.0151	-0.0005	0.975	0.9748	0.0002
2024-03-05T11:09:03	1	0	112	111	1	1.0544	1.0543	0.0000	-0.9916	-0.9916	0.0000
2024-03-05T11:13:07	1	0	5	5	0	1.0222	1.0222	0.0000	0.9731	0.9732	-0.0001
2024-03-05T11:14:03	1	0	1	1	0	1.0309	1.0300	-0.0009	0.9972	0.9971	0.0001
2024-03-05T11:15:19	1	0	33	32	1	1.0535	1.0535	-0.0001	0.9974	0.9974	0.0000
2024-03-05T11:15:56	1	0	33	31	2	1.0559	1.0559	0.0000	0.97	0.9699	0.0001
2024-03-05T11:16:26	2	0	10	10	0	1.0522	1.0506	-0.0017	0.9916	0.9915	0.0001
2024-03-05T11:16:52	1	0	6	6	0	1.0383	1.0381	-0.0002	0.9507	0.9513	-0.0006
2024-03-05T11:17:12	1	0	3	3	0	1.0368	1.0365	-0.0003	-0.969	-0.9691	0.0001
2024-03-05T11:17:21	1	0	3	3	0	1.0283	1.0280	-0.0002	0.9952	0.9951	0.0001
2024-03-05T11:19:42	1	0	8	8	0	1.0521	1.0521	0.0000	0.977	0.9769	0.0001
2024-03-05T11:20:11	1	0	19	18	1	1.0556	1.0556	0.0000	0.9982	0.9981	0.0001
2024-03-05T11:25:04	1	0	21	19	2	1.0545	1.0544	-0.0001	-0.9461	-0.9473	0.0012
2024-03-05T11:25:43	1	0	50	50	0	1.0486	1.0486	0.0000	0.9955	0.9955	0.0000
2024-03-05T11:29:04	1	0	2	2	0	1.0346	1.0346	0.0000	0.9972	0.9972	0.0000
2024-03-05T11:29:05	1	0	6	6	0	1.0467	1.0466	-0.0001	-0.9966	-0.9966	0.0000
2024-03-05T11:30:05	2	0	1	0	1	1.0552	null	null	-0.8983	-0.8977	-0.0006
2024-03-05T11:30:39	1	0	1	1	0	1.0680	1.0679	-0.0001	0.9838	0.9838	0.0000
2024-03-05T11:32:05	2	0	11	10	1	1.0467	1.0458	-0.0009	-0.9986	-0.9986	0.0000
2024-03-05T11:33:44	2	0	31	30	1	1.0505	1.0503	-0.0002	0.9814	0.9814	0.0000
2024-03-05T11:34:43	1	0	247	10	237	1.0624	1.0537	-0.0087	0.982	0.9705	0.0115
2024-03-05T11:35:15	3	0	4	5	-1	1.0455	1.0475	0.0020	0.9962	0.9962	0.0000
2024-03-05T11:35:20	1	0	29	29	0	1.0555	1.0554	-0.0001	0.9985	0.9985	0.0000
2024-03-05T11:35:52	2	0	17	17	0	1.0524	1.0524	-0.0001	0.9774	0.9769	0.0005
2024-03-05T11:36:35	1	0	3	3	0	1.0248	1.0248	0.0000	0.981	0.981	0.0000
2024-03-05T11:37:19	1	0	8	10	-2	0.9310	0.9337	0.0027	0.9775	0.9768	0.0007
2024-03-05T11:40:05	1	0	20	20	0	1.0548	1.0548	0.0000	-0.9526	-0.9522	-0.0004
2024-03-05T11:40:49	1	0	6	7	-1	1.0366	1.0378	0.0012	0.948	0.948	0.0000
2024-03-05T11:44:05	1	0	3	3	0	1.0356	1.0356	0.0000	0.9975	0.9976	-0.0001
2024-03-05T11:44:55	2	0	4	4	0	1.0528	1.0527	-0.0002	-0.9852	-0.9856	0.0004
2024-03-05T11:45:59	1	0	111	110	1	1.0518	1.0518	0.0000	0.9979	0.9979	0.0000
2024-03-05T11:48:56	3	0	49	46	3	1.0560	1.0557	-0.0004	0.9579	0.9579	0.0000
2024-03-05T11:51:36	1	0	3	3	0	1.0267	1.0267	0.0000	0.9826	0.9825	0.0001
2024-03-05T11:57:40	1	0	4	3	1	1.0516	1.0497	-0.0018	0.9862	0.9862	0.0000
2024-03-05T11:58:22	1	0	31	30	1	1.0491	1.0489	-0.0002	-0.9993	-0.9993	0.0000
2024-03-05T11:59:06	1	0	3	3	0	1.0370	1.0370	0.0000	0.997	0.997	0.0000
2024-03-05T12:00:07	1	0	26	25	1	1.0475	1.0472	-0.0003	-0.9981	-0.9981	0.0000
2024-03-05T12:00:41	1	0	1	1	0	1.0751	1.0750	-0.0001	0.9838	0.9838	0.0000
2024-03-05T12:06:37	1	0	3	3	0	1.0266	1.0266	0.0000	0.9819	0.9819	0.0000
2024-03-05T12:13:28	3	0	34	32	2	1.0489	1.0485	-0.0004	-0.9988	-0.9988	0.0000
2024-03-05T12:27:43	1	0	25	25	0	1.0547	1.0547	0.0000	1	1	0.0000
2024-03-05T13:03:17	1	0	12	11	1	1.0474	1.0464	-0.0010	-0.9988	-0.9988	0.0000
2024-03-05T13:37:45	2	0	1	1	0	1.0567	1.0562	-0.0005	0.9861	0.986	0.0001
2024-03-05T13:55:39	1	0	21	21	0	1.0555	1.0555	0.0000	-0.9513	-0.9509	-0.0004

2024-03-05T14:06:49	1	0	42	42	0	1.0552	1.0552	0.0000	0.9971	0.9971	0.0000
2024-03-05T14:18:54	1	0	62	62	0	1.0562	1.0562	0.0000	-1	-1	0.0000
2024-03-05T14:21:49	1	0	397	394	3	1.0680	1.0680	-0.0001	0.972	0.9718	0.0002
2024-03-05T14:22:48	2	0	4	4	0	1.0391	1.0389	-0.0002	0.9894	0.9894	0.0000
2024-03-05T14:23:57	1	0	4	4	0	1.0513	1.0513	0.0000	-0.9808	-0.9808	0.0000
2024-03-05T14:25:41	1	0	32	32	0	1.0567	1.0567	0.0000	-0.9619	-0.9622	0.0003
2024-03-05T14:28:56	1	0	3	3	0	1.0262	1.0262	0.0000	1	1	0.0000
2024-03-05T14:29:33	2	0	7	7	0	1.0460	1.0457	-0.0003	-0.9857	-0.9859	0.0002
2024-03-05T14:35:57	1	0	25	25	0	1.0564	1.0564	0.0000	0.9963	0.9963	0.0000
2024-03-05T14:38:58	1	0	4	4	0	1.0509	1.0509	0.0000	-0.9853	-0.9852	-0.0001
2024-03-06T08:14:36	1	0	126	126	0	1.0553	1.0553	0.0000	0.9973	0.9974	-0.0001
2024-03-06T08:20:31	1	0	148	146	2	1.0553	1.0553	0.0000	0.975	0.9751	-0.0001
2024-03-06T08:26:56	1	0	53	53	0	1.0571	1.0570	0.0000	-0.9957	-0.9957	0.0000
2024-03-06T08:35:32	3	0	266	265	1	1.0596	1.0596	0.0000	0.9738	0.9738	0.0000
2024-03-06T08:58:33	2	0	1	1	0	1.0070	1.0070	0.0000	-0.9847	-0.9845	-0.0002
2024-03-06T09:05:34	4	0	406	404	2	1.0637	1.0637	-0.0001	0.9764	0.9763	0.0001
2024-03-06T09:05:40	1	0	107	102	5	1.0580	1.0579	-0.0001	-0.9998	-0.9998	0.0000
2024-03-06T09:11:59	1	0	66	66	0	1.0595	1.0595	0.0000	-0.9992	-0.9992	0.0000
2024-03-06T09:14:40	1	0	134	133	1	1.0556	1.0555	-0.0001	0.998	0.998	0.0000
2024-03-06T09:18:33	1	0	178	178	0	1.0590	1.0590	0.0000	-0.9072	-0.9095	0.0023
2024-03-06T09:23:25	6	0	254	250	4	1.0608	1.0608	-0.0001	-0.9698	-0.9697	-0.0001
2024-03-06T09:32:04	1	0	1	1	0	1.0398	1.0394	-0.0004	0.9969	0.9969	0.0000
2024-03-06T09:35:31	1	0	8	8	0	0.9513	0.9513	0.0000	0.9973	0.9973	0.0000
2024-03-06T09:36:44	1	0	11	11	0	0.9851	0.9850	-0.0001	-0.999	-0.999	0.0000
2024-03-06T09:45:29	1	0	59	58	1	1.0528	1.0527	-0.0001	0.9895	0.9895	0.0000
2024-03-06T09:49:15	1	0	16	15	1	1.0499	1.0502	0.0003	-0.9996	-0.9996	0.0000
2024-03-06T09:54:39	1	0	3	3	0	1.0475	1.0473	-0.0002	0.9871	0.9869	0.0002
2024-03-06T09:55:58	2	0	1	1	0	1.0079	1.0067	-0.0012	-0.998	-0.998	0.0000
2024-03-06T09:57:02	1	0	54	54	0	1.0573	1.0572	-0.0001	-1	0.9999	0.0001
2024-03-06T09:59:19	1	0	1	1	0	1.0628	1.0624	-0.0004	-0.9842	-0.9841	-0.0001
2024-03-06T09:59:43	2	0	38	30	8	1.0537	1.0532	-0.0005	0.9979	0.9979	0.0000
2024-03-06T10:00:58	2	0	1	1	0	0.9686	0.9695	0.0009	0.9938	0.9939	-0.0001
2024-03-06T10:04:05	1	0	18	13	5	0.9407	0.9415	0.0008	0.9921	0.9922	-0.0001
2024-03-06T10:05:07	1	0	12	11	1	1.0505	1.0508	0.0004	0.9966	0.996	0.0006
2024-03-06T10:05:14	2	0	2	2	0	1.0393	1.0388	-0.0005	0.9828	0.9827	0.0001
2024-03-06T10:05:25	2	0	2	0	2	1.0451	null	null	-0.7754	-0.7753	-0.0001
2024-03-06T10:05:44	3	0	31	29	2	1.0538	1.0535	-0.0003	-1	-1	0.0000
2024-03-06T10:05:59	3	0	2	2	0	1.0483	1.0475	-0.0008	-0.9637	-0.9634	-0.0003
2024-03-06T10:06:09	1	0	7	7	0	1.0496	1.0492	-0.0003	-0.8059	-0.8071	0.0012
2024-03-06T10:07:11	1	0	1	1	0	0.9621	0.9627	0.0006	0.9922	0.9923	-0.0001
2024-03-06T10:08:28	1	0	157	156	1	1.0574	1.0574	0.0000	-0.9758	-0.9757	-0.0001
2024-03-06T10:09:40	1	0	3	3	0	1.0447	1.0442	-0.0004	0.9873	0.9869	0.0004
2024-03-06T10:11:10	1	0	4	4	0	1.0305	1.0303	-0.0002	0.994	0.9941	-0.0001
2024-03-06T10:11:32	2	0	8	8	0	1.0343	1.0343	0.0001	0.9903	0.9904	-0.0001
2024-03-06T10:12:34	1	0	2	2	0	0.9961	0.9963	0.0001	-0.9894	-0.9893	-0.0001
2024-03-06T10:13:56	1	0	9	9	0	1.0433	1.0433	-0.0001	0.997	0.9969	0.0001
2024-03-06T10:13:56	2	0	4	4	0	1.0021	1.0018	-0.0003	-0.9829	-0.9829	0.0000
2024-03-06T10:14:01	1	0	1	0	1	1.0298	null	null	-0.9977	-0.9979	0.0002
2024-03-06T10:14:36	2	0	10	10	0	1.0468	1.0468	0.0000	-0.9947	-0.9948	0.0001
2024-03-06T10:15:33	3	0	1	0	1	1.0566	null	null	0.9957	0.9957	0.0000
2024-03-06T10:16:23	2	0	4	4	0	1.0143	1.0141	-0.0002	0.9922	0.9921	0.0001
2024-03-06T10:17:07	1	0	2	2	0	1.0390	1.0386	-0.0004	0.9976	0.9975	0.0001
2024-03-06T10:18:59	1	0	48	46	2	1.0597	1.0597	0.0000	0.9997	0.9997	0.0000
2024-03-06T10:19:23	6	0	14	12	2	1.0497	1.0484	-0.0013	-0.9996	-0.9996	0.0000
2024-03-06T10:20:26	2	0	2	2	0	1.0475	1.0470	-0.0004	-0.8093	-0.8094	0.0001
2024-03-06T10:20:34	2	0	23	23	0	0.9389	0.9392	0.0002	0.9954	0.9955	-0.0001
2024-03-06T10:22:08	1	0	2	1	1	0.9437	0.9445	0.0008	1	1	0.0000
2024-03-06T10:23:29	1	0	151	150	1	1.0569	1.0569	0.0000	-0.9763	-0.9762	-0.0001
2024-03-06T10:24:39	1	0	26	27	-1	1.0522	1.0521	-0.0001	0.9673	0.9673	0.0000
2024-03-06T10:26:01	1	0	2	2	0	0.9614	0.9618	0.0004	-0.9909	-0.9877	-0.0032
2024-03-06T10:27:35	1	0	1	1	0	0.9842	0.9848	0.0006	-0.9901	-0.99	-0.0001
2024-03-06T10:27:54	1	0	79	79	0	1.1499	1.1484	-0.0016	-0.999	-0.9997	0.0007
2024-03-06T10:30:52	1	0	6	6	0	1.0411	1.0410	-0.0001	0.9959	0.9959	0.0000
2024-03-06T10:32:10	1	0	2	2	0	1.0378	1.0375	-0.0003	0.9975	0.9975	0.0000
2024-03-06T10:33:09	2	0	31	30	1	0.9641	0.9651	0.0010	0.9435	0.9435	0.0000
2024-03-06T10:34:24	4	0	35	34	1	1.0521	1.0519	-0.0002	-0.9996	-0.9996	0.0000
2024-03-06T10:35:09	1	0	16	15	1	1.0517	1.0513	-0.0004	0.9964	0.9957	0.0007
2024-03-06T10:35:40	2	0	3	2	1	1.0432	1.0461	0.0029	0.8471	0.8466	0.0005
2024-03-06T10:38:02	1	0	12	12	0	1.0473	1.0471	-0.0001	0.9742	0.9737	0.0005
2024-03-06T10:38:30	1	0	166	163	3	1.0579	1.0579	0.0000	-0.9758	-0.9758	0.0000
2024-03-06T10:40:06	1	0	3	3	0	1.0262	1.0261	0.0000	0.9471	0.9469	0.0002
2024-03-06T10:40:58	2	0	32	28	4	1.0538	1.0536	-0.0002	-1	-1	0.0000
2024-03-06T10:41:34	1	0	3	3	0	1.0492	1.0489	-0.0002	0.9887	0.9887	0.0000
2024-03-06T10:42:39	1	0	4	4	0	1.0086	1.0086	-0.0001	0.9746	0.9744	0.0002
2024-03-06T10:42:47	1	0	33	33	0	0.9393	0.9395	0.0002	0.9372	0.9374	-0.0002
2024-03-06T10:43:21	1	0	1	1	0	0.9407	0.9415	0.0008	0.9998	0.9999	-0.0001
2024-03-06T10:43:56	2	0	7	7	0	1.0424	1.0422	-0.0001	-0.9874	-0.9876	0.0002
2024-03-06T10:44:46	2	0	37	36	1	1.0544	1.0543	-0.0001	0.998	0.998	0.0000
2024-03-06T10:44:53	1	0	2	2	0	1.0529	1.0526	-0.0003	0.9823	0.9822	0.0001
2024-03-06T10:46:34	1	0	4	4	0	1.0150	1.0148	-0.0002	0.9914	0.9913	0.0001
2024-03-06T10:47:23	1	0	8	8	0	1.0384	1.0384	-0.0001	0.9923	0.9922	0.0001
2024-03-06T10:49:08	2	0	1	1	0	1.0198	1.0193	-0.0005	0.9928	0.9927	0.0001
2024-03-06T10:49:12	1	0	1	0	1	1.0341	null	null	-0.998	-0.9981	0.0001
2024-03-06T10:50:23	1	0	3	3	0	1.0483	1.0482	-0.0001	0.999	0.9989	0.0001
2024-03-06T10:50:41	1	0	3	3	0	1.0431	1.0429	-0.0002	0.8388	0.8385	0.0003

2024-03-06T10:50:48	1	0	19	19	0	1.0466	1.0465	-0.0001	-0.9994	-0.9995	0.0001
2024-03-06T10:51:12	1	0	8	8	0	1.0509	1.0507	-0.0002	-0.8581	-0.8611	0.0030
2024-03-06T10:51:49	3	0	36	32	4	0.9403	0.9396	-0.0007	0.9997	0.9997	0.0000
2024-03-06T10:52:17	2	0	3	3	0	0.9420	0.9418	-0.0002	0.9896	0.9895	0.0001
2024-03-06T10:52:24	2	0	2	0	2	1.0554	null	null	0.9916	0.9798	0.0118
2024-03-06T10:53:31	1	0	172	170	2	1.0582	1.0582	0.0000	-0.9753	-0.9752	-0.0001
2024-03-06T10:53:42	3	0	25	21	4	0.9415	0.9421	0.0007	0.9909	0.9911	-0.0002
2024-03-06T10:57:32	1	0	5	5	0	1.0465	1.0465	0.0000	0.9949	0.9949	0.0000
2024-03-06T10:58:59	1	0	14	14	0	1.0471	1.0471	0.0000	0.9945	0.9966	-0.0021
2024-03-06T11:01:44	2	0	1	1	0	1.0348	1.0343	-0.0005	0.9709	0.97	0.0009
2024-03-06T11:04:13	1	0	1	1	0	1.0342	1.0341	-0.0001	-0.9977	-0.9977	0.0000
2024-03-06T11:06:03	1	0	1	0	1	1.0388	null	null	-0.9703	-0.9697	-0.0006
2024-03-06T11:07:25	1	0	7	7	0	1.0513	1.0510	-0.0003	0.983	0.983	0.0000
2024-03-06T11:09:44	1	0	66	66	0	1.0588	1.0587	0.0000	0.9784	0.9777	0.0007
2024-03-06T11:10:50	1	0	2	2	0	1.0359	1.0357	-0.0002	-0.9904	-0.9904	0.0000
2024-03-06T11:11:06	5	0	5	5	0	0.9720	0.9715	-0.0005	-0.9909	-0.9912	0.0003
2024-03-06T11:13:23	1	0	3	3	0	0.9336	0.9337	0.0001	0.9998	0.9998	0.0000
2024-03-06T11:14:05	3	0	4	4	0	1.0378	1.0365	-0.0013	-0.9971	-0.9974	0.0003
2024-03-06T11:14:24	3	0	4	4	0	1.0531	1.0527	-0.0005	-0.9825	-0.9835	0.0010
2024-03-06T11:14:48	2	0	29	29	0	1.0534	1.0534	0.0000	0.9976	0.9975	0.0001
2024-03-06T11:16:06	1	0	5	5	0	1.0513	1.0508	-0.0005	0.9501	0.9506	-0.0005
2024-03-06T11:17:46	1	0	1	0	1	1.0564	null	null	0.9724	0.9722	0.0002
2024-03-06T11:19:10	3	0	134	133	1	0.9182	0.9185	0.0004	0.9986	0.9985	0.0001
2024-03-06T11:20:25	1	0	2	2	0	1.0337	1.0335	-0.0003	0.9979	0.9978	0.0001
2024-03-06T11:20:38	2	0	10	10	0	0.9411	0.9412	0.0001	0.9961	0.9962	-0.0001
2024-03-06T11:23:33	1	0	162	160	2	1.0582	1.0582	0.0000	-0.9781	-0.9781	0.0000
2024-03-06T11:24:42	1	0	19	19	0	1.0535	1.0535	0.0000	-0.9492	-0.9503	0.0011
2024-03-06T11:25:05	3	0	1	1	0	1.0564	1.0556	-0.0008	0.9936	0.9933	0.0003
2024-03-06T11:27:42	1	0	2	2	0	1.0191	1.0191	0.0000	0.9678	0.9679	-0.0001
2024-03-06T11:28:42	1	0	2	2	0	1.0311	1.0308	-0.0004	0.9973	0.9973	0.0000
2024-03-06T11:28:59	2	0	1	1	0	1.0931	1.0931	0.0000	-1	-1	0.0000
2024-03-06T11:30:04	1	0	1	1	0	1.0730	1.0730	0.0000	0.9855	0.9855	0.0000
2024-03-06T11:30:08	1	0	8	7	1	1.0542	1.0525	-0.0017	0.9673	0.9671	0.0002
2024-03-06T11:30:41	1	0	52	50	2	1.0518	1.0516	-0.0002	0.99	0.9899	0.0001
2024-03-06T11:30:56	2	0	9	9	0	1.0453	1.0452	-0.0001	0.9998	0.9998	0.0000
2024-03-06T11:33:13	2	0	22	21	1	1.0567	1.0567	0.0001	0.9578	0.9578	0.0000
2024-03-06T11:33:21	4	0	1	1	0	0.9433	0.9444	0.0011	0.9686	0.9689	-0.0003
2024-03-06T11:35:20	2	0	13	13	0	1.0508	1.0507	-0.0001	0.9798	0.9794	0.0004
2024-03-06T11:35:44	5	0	3	3	0	1.0501	1.0499	-0.0002	0.8376	0.8373	0.0003
2024-03-06T11:37:21	2	0	2	2	0	0.8892	0.8892	0.0000	0.9772	0.9765	0.0007
2024-03-06T11:38:44	3	0	174	171	3	1.0582	1.0582	0.0000	-0.9782	-0.9781	-0.0001
2024-03-06T11:39:43	1	0	19	19	0	1.0531	1.0531	0.0000	-0.9492	-0.9488	-0.0004
2024-03-06T11:40:25	2	0	1	0	1	1.0557	null	null	-0.9963	-0.9964	0.0001
2024-03-06T11:41:10	6	0	2	2	0	1.0261	1.0259	-0.0002	-0.9897	-0.9898	0.0001
2024-03-06T11:41:38	3	0	7	8	-1	1.0466	1.0477	0.0011	0.9888	0.9888	0.0000
2024-03-06T11:42:43	1	0	3	3	0	1.0109	1.0109	0.0000	0.9681	0.9681	0.0000
2024-03-06T11:43:25	2	0	2	2	0	1.0296	1.0296	0.0000	-0.9999	-0.9999	0.0000
2024-03-06T11:44:00	2	0	1	1	0	1.1035	1.1035	0.0000	1	1	0.0000
2024-03-06T11:44:42	2	0	9	9	0	1.0461	1.0461	0.0000	-0.997	-0.997	0.0000
2024-03-06T11:45:05	1	0	1	1	0	1.0765	1.0765	0.0000	0.9812	0.9813	-0.0001
2024-03-06T11:45:42	3	0	59	56	3	1.0528	1.0526	-0.0002	0.9902	0.9902	0.0000
2024-03-06T11:48:43	1	0	39	39	0	1.0550	1.0550	0.0000	-0.8763	-0.876	-0.0003
2024-03-06T11:48:56	2	0	8	5	3	1.0535	1.0499	-0.0036	-0.9566	-0.9634	0.0068
2024-03-06T11:49:09	1	0	38	38	0	1.0572	1.0572	0.0000	0.9951	0.995	0.0001
2024-03-06T11:50:22	2	0	11	11	0	1.0520	1.0519	-0.0001	0.9843	0.9841	0.0002
2024-03-06T11:52:22	2	0	5	5	0	0.9262	0.9262	0.0000	0.9779	0.9773	0.0006
2024-03-06T11:52:28	2	0	7	8	-1	1.0519	1.0527	0.0008	0.9945	0.9946	-0.0001
2024-03-06T11:53:46	3	0	3	4	-1	0.9422	0.9426	0.0004	0.9941	0.994	0.0001
2024-03-06T11:57:44	1	0	3	3	0	1.0284	1.0284	0.0000	0.9686	0.9687	-0.0001
2024-03-06T11:58:05	2	0	27	26	1	1.0483	1.0480	-0.0003	-0.9996	-0.9996	0.0000
2024-03-06T11:58:26	2	0	3	3	0	1.0300	1.0300	0.0000	1	1	0.0000
2024-03-06T11:59:01	2	0	1	1	0	1.1048	1.1048	0.0000	1	1	0.0000
2024-03-06T11:59:43	2	0	9	9	0	1.0472	1.0472	0.0000	-0.9959	-0.9959	0.0000
2024-03-06T12:00:58	2	0	8	8	0	1.0447	1.0447	0.0000	0.9955	0.9956	-0.0001
2024-03-06T12:02:55	2	0	26	25	1	1.0500	1.0498	-0.0002	0.9828	0.9828	0.0000
2024-03-06T12:03:44	1	0	40	39	1	1.0548	1.0548	0.0000	-0.9047	-0.9046	-0.0001
2024-03-06T12:07:23	2	0	3	3	0	0.9122	0.9122	0.0000	0.9761	0.9755	0.0006
2024-03-06T12:13:06	4	0	29	27	2	1.0493	1.0489	-0.0004	-0.9995	-0.9995	0.0000
2024-03-06T12:15:11	1	0	8	9	-1	1.0519	1.0526	0.0006	0.9677	0.9678	-0.0001
2024-03-06T12:26:13	6	0	3	3	0	1.0056	1.0056	0.0000	-0.9938	-0.9936	-0.0002
2024-03-06T12:28:07	1	0	1	0	1	1.0552	null	null	-0.9919	-0.9919	0.0000
2024-03-06T12:28:46	1	0	1	2	-1	1.0308	1.0313	0.0005	0.9978	0.9978	0.0000
2024-03-06T12:39:47	1	0	16	16	0	1.0529	1.0529	0.0000	-0.9516	-0.951	-0.0006
2024-03-06T12:44:50	1	0	13	13	0	1.0458	1.0458	0.0000	-0.9961	-0.9961	0.0000
2024-03-06T12:47:39	1	0	6	6	0	1.0483	1.0478	-0.0005	0.9999	0.9999	0.0000
2024-03-06T12:49:22	1	0	120	121	-1	1.0640	1.0639	-0.0001	0.9855	0.9854	0.0001
2024-03-06T13:00:10	2	0	3	3	0	1.0593	1.0592	-0.0001	0.9816	0.9817	-0.0001
2024-03-06T13:00:14	1	0	5	6	-1	1.0513	1.0528	0.0015	0.9659	0.9659	0.0000
2024-03-06T13:03:30	1	0	6	5	1	1.0513	1.0502	-0.0010	0.9461	0.946	0.0001
2024-03-06T13:11:44	3	0	5	6	-1	1.0491	1.0502	0.0011	0.9866	0.9865	0.0001
2024-03-06T13:30:22	1	0	18	17	1	1.0495	1.0491	-0.0004	-0.9961	-0.9961	0.0000
2024-03-06T13:33:32	1	0	20	20	0	1.0541	1.0539	-0.0003	0.9705	0.9705	0.0000
2024-03-06T13:45:50	1	0	54	54	0	1.0513	1.0513	0.0000	0.9891	0.9891	0.0000
2024-03-06T14:03:23	2	0	6	7	-1	1.0304	1.0209	-0.0096	0.962	0.962	0.0000
2024-03-06T14:04:27	1	0	23	23	0	1.0496	1.0496	0.0000	-0.98	-0.9799	-0.0001

2024-03-06T14:04:29	5	0	2	2	0	1.0400	1.0390	-0.0010	0.9997	0.9997	0.0000
2024-03-06T14:06:00	8	0	42	42	0	1.0548	1.0539	-0.0009	1	1	0.0000
2024-03-06T14:07:31	1	0	88	86	2	0.9246	0.9249	0.0003	0.9536	0.9536	0.0000
2024-03-06T14:09:05	5	0	214	210	4	1.0606	1.0606	-0.0001	-0.9756	-0.9757	0.0001
2024-03-06T14:09:54	1	0	93	93	0	1.0587	1.0587	0.0000	0.9685	0.9685	0.0000
2024-03-06T14:11:15	2	0	1	1	0	1.0463	1.0463	0.0000	-0.9887	-0.9887	0.0000
2024-03-06T14:11:57	2	0	13	12	1	1.0469	1.0462	-0.0007	0.9965	0.9965	0.0000
2024-03-06T14:12:13	1	0	1	0	1	1.0554	null	null	0.9943	0.9941	0.0002
2024-03-06T14:13:35	1	0	3	3	0	0.9659	0.9660	0.0001	-1	-1	0.0000
2024-03-06T14:13:53	1	0	3	3	0	1.0310	1.0307	-0.0003	0.9972	0.9971	0.0001
2024-03-06T14:14:18	3	0	3	5	-2	1.0367	1.0408	0.0042	-0.9971	-0.997	-0.0001
2024-03-06T14:14:56	2	0	21	21	0	1.0481	1.0481	0.0000	-0.9935	-0.9935	0.0000
2024-03-06T14:15:06	1	0	44	43	1	1.0479	1.0478	-0.0002	-0.9922	-0.9922	0.0000
2024-03-06T14:15:52	1	0	69	68	1	1.0533	1.0532	-0.0001	0.9892	0.9892	0.0000
2024-03-06T14:16:07	1	0	11	11	0	1.0449	1.0449	0.0000	0.9962	0.9962	0.0000
2024-03-06T14:17:12	2	0	1	1	0	1.0569	1.0557	-0.0012	0.9877	0.9868	0.0009
2024-03-06T14:18:35	1	0	21	20	1	1.0538	1.0536	-0.0001	0.9714	0.9713	0.0001
2024-03-06T14:19:06	2	0	11	11	0	1.0501	1.0491	-0.0010	-0.9644	-0.9698	0.0054
2024-03-06T14:19:25	1	0	30	30	0	1.0567	1.0566	-0.0001	0.9936	0.9936	0.0000
2024-03-06T14:19:30	2	0	2	2	0	0.9435	0.9437	0.0002	0.9966	0.9966	0.0000
2024-03-06T14:20:33	3	0	19	18	1	1.0531	1.0527	-0.0004	0.9956	0.9951	0.0005
2024-03-06T14:20:50	6	0	11	10	1	1.0462	1.0448	-0.0014	-0.999	-0.9992	0.0002
2024-03-06T14:21:32	2	0	2	3	-1	1.0670	1.0629	-0.0041	-0.9158	-0.9161	0.0003
2024-03-06T14:22:09	2	0	1	0	1	1.0556	null	null	0.9299	0.929	0.0009
2024-03-06T14:22:32	1	0	48	48	0	0.9310	0.9311	0.0001	0.9649	0.964	0.0009
2024-03-06T14:22:38	3	0	10	10	0	1.0521	1.0519	-0.0002	0.9958	0.9958	0.0000
2024-03-06T14:24:04	1	0	3	3	0	1.0296	1.0294	-0.0002	0.9789	0.9788	0.0001
2024-03-06T14:25:36	2	0	2	1	1	1.0438	1.0323	-0.0115	-0.9974	-0.9974	0.0000
2024-03-06T14:25:42	1	0	37	33	4	0.9415	0.9417	0.0002	0.9845	0.9847	-0.0002
2024-03-06T14:26:22	3	0	1	1	0	1.0281	1.0265	-0.0016	-0.9907	-0.9909	0.0002
2024-03-06T14:26:43	3	0	68	64	4	1.0566	1.0563	-0.0002	-0.9999	-0.9999	0.0000
2024-03-06T14:26:48	2	0	14	14	0	1.0474	1.0472	-0.0002	0.9989	0.9988	0.0001
2024-03-06T14:26:49	1	0	5	5	0	1.0436	1.0434	-0.0002	0.9891	0.989	0.0001
2024-03-06T14:27:54	1	0	5	5	0	1.0230	1.0229	-0.0001	0.9657	0.9655	0.0002
2024-03-06T14:28:10	1	0	1	1	0	1.0556	1.0556	0.0000	1	1	0.0000
2024-03-06T14:28:35	2	0	4	4	0	1.0507	1.0506	-0.0002	0.9811	0.9809	0.0002
2024-03-06T14:28:36	1	0	1	1	0	0.9308	0.9310	0.0002	1	1	0.0000
2024-03-06T14:28:43	1	0	14	14	0	1.0454	1.0452	-0.0001	0.9978	0.9977	0.0001
2024-03-06T14:29:01	1	0	1	1	0	1.0308	1.0306	-0.0002	0.9972	0.9972	0.0000
2024-03-06T14:29:11	2	0	5	5	0	1.0500	1.0499	-0.0001	-0.9961	-0.9962	0.0001
2024-03-06T14:29:18	2	0	2	1	1	1.0272	1.0266	-0.0006	-0.9966	-0.9967	0.0001
2024-03-06T14:29:57	2	0	25	25	0	1.0489	1.0489	0.0000	-0.993	-0.993	0.0000
2024-03-06T14:30:17	1	0	2	2	0	1.0548	1.0545	-0.0003	0.9858	0.9857	0.0001
2024-03-06T14:30:21	1	0	8	8	0	1.0522	1.0520	-0.0002	0.9681	0.968	0.0001
2024-03-06T14:31:08	1	0	11	11	0	1.0451	1.0451	0.0000	0.9954	0.9954	0.0000
2024-03-06T14:31:49	1	0	8	8	0	1.0195	1.0193	-0.0002	0.99	0.9899	0.0001
2024-03-06T14:33:25	1	0	12	12	0	1.0336	1.0336	0.0000	0.968	0.9679	0.0001
2024-03-06T14:33:36	1	0	37	33	4	1.0537	1.0536	-0.0001	0.9701	0.9697	0.0004
2024-03-06T14:34:07	2	0	12	11	1	1.0476	1.0478	0.0001	-0.9872	-0.9873	0.0001
2024-03-06T14:34:31	5	0	2	0	2	1.0382	null	null	0.9968	0.9967	0.0001
2024-03-06T14:35:34	3	0	20	19	1	1.0532	1.0536	0.0004	0.9975	0.9973	0.0002
2024-03-06T14:35:43	2	0	11	10	1	1.0545	1.0540	-0.0005	-0.7977	-0.7996	0.0019
2024-03-06T14:35:57	2	0	3	3	0	1.0425	1.0424	-0.0001	0.8387	0.8385	0.0002
2024-03-06T14:36:02	11	0	73	67	6	1.0571	1.0569	-0.0002	1	1	0.0000
2024-03-06T14:36:03	2	0	50	48	2	1.0533	1.0532	-0.0001	-0.997	-0.9971	0.0001
2024-03-06T14:36:19	1	0	1	1	0	1.0384	1.0381	-0.0003	-0.9765	-0.976	-0.0005
2024-03-06T14:36:36	1	0	2	2	0	1.0666	1.0663	-0.0003	-0.9381	-0.9397	0.0016
2024-03-06T14:37:10	2	0	3	3	0	1.0274	1.0273	-0.0001	0.8486	0.8477	0.0009
2024-03-06T14:37:33	1	0	5	5	0	0.9247	0.9247	0.0000	0.9708	0.97	0.0008
2024-03-06T14:37:39	2	0	7	7	0	1.0525	1.0525	0.0000	0.9901	0.9901	0.0000
2024-03-06T14:38:44	6	0	3	2	1	1.0360	1.0373	0.0013	-1	-1	0.0000
2024-03-06T14:39:30	8	0	229	220	9	1.0614	1.0613	-0.0001	-0.977	-0.9771	0.0001
2024-03-06T14:40:42	4	0	2	2	0	0.9909	0.9910	0.0000	0.9819	0.9822	-0.0003
2024-03-06T14:40:43	1	0	1	1	0	0.9429	0.9429	0.0000	0.987	0.9872	-0.0002
2024-03-06T14:41:49	2	0	18	18	0	1.0459	1.0459	0.0000	0.9985	0.9985	0.0000
2024-03-06T14:41:50	2	0	29	27	2	1.0547	1.0544	-0.0003	1	1	0.0000
2024-03-06T14:41:50	1	0	6	6	0	1.0431	1.0431	0.0000	0.989	0.989	0.0000
2024-03-06T14:43:32	1	0	12	11	1	1.0454	1.0457	0.0003	0.9868	0.9867	0.0001
2024-03-06T14:43:36	3	0	5	5	0	1.0473	1.0472	-0.0001	0.9809	0.9808	0.0001
2024-03-06T14:43:44	1	0	11	11	0	1.0457	1.0457	0.0000	0.9956	0.9956	0.0000
2024-03-06T14:44:02	1	0	2	2	0	1.0312	1.0311	-0.0001	0.9976	0.9976	0.0000
2024-03-06T14:44:12	2	0	6	6	0	1.0548	1.0548	0.0000	-0.9952	-0.9952	0.0000
2024-03-06T14:44:58	2	0	29	28	1	1.0496	1.0494	-0.0002	-0.9943	-0.9943	0.0000
2024-03-06T14:45:18	1	0	2	2	0	1.0554	1.0554	0.0000	0.983	0.983	0.0000
2024-03-06T14:46:57	1	0	7	7	0	1.0466	1.0465	-0.0001	-0.9762	-0.9761	-0.0001
2024-03-06T14:46:58	4	0	9	9	0	1.0140	1.0138	-0.0002	0.9906	0.9904	0.0002
2024-03-06T14:47:48	7	0	11	10	1	1.0469	1.0454	-0.0015	-1	-1	0.0000
2024-03-06T14:48:06	4	0	11	10	1	1.0475	1.0481	0.0006	-0.9539	-0.9543	0.0004
2024-03-06T14:49:32	4	0	2	2	0	1.0389	1.0378	-0.0011	0.9969	0.9968	0.0001
2024-03-06T14:50:52	1	0	11	11	0	1.0469	1.0469	0.0000	-0.9999	-0.9999	0.0000
2024-03-06T14:52:15	2	0	1	1	0	1.0334	1.0327	-0.0007	-0.9983	-0.9984	0.0001
2024-03-06T14:52:34	2	0	63	63	0	0.9304	0.9305	0.0001	0.9578	0.9574	0.0004
2024-03-06T14:53:19	1	0	15	14	1	1.0500	1.0496	-0.0004	0.9729	0.9729	0.0000
2024-03-06T14:56:24	5	0	3	3	0	1.0065	1.0063	-0.0002	-0.9918	-0.9918	0.0000
2024-03-06T14:56:51	1	0	12	12	0	1.0388	1.0387	0.0000	0.9896	0.9895	0.0001

2024-03-06T14:57:56	1	0	8	8	0	1.0278	1.0278	0.0000	0.9635	0.9635	0.0000
2024-03-06T14:58:07	1	0	19	18	1	1.0492	1.0496	0.0004	0.9992	0.9992	0.0000
2024-03-06T14:58:16	1	0	80	80	0	1.1312	1.1310	-0.0002	1	1	0.0000
2024-03-06T14:58:17	2	0	71	70	1	1.0504	1.0503	-0.0001	-0.9992	-0.9992	0.0000
2024-03-06T14:59:03	1	0	5	5	0	1.0345	1.0343	-0.0002	0.9974	0.9973	0.0001
2024-03-06T15:00:23	3	0	17	16	1	1.0525	1.0524	-0.0002	0.9695	0.9695	0.0000
2024-03-06T15:00:55	2	0	111	108	3	1.0528	1.0527	-0.0001	0.9879	0.9879	0.0000
2024-03-06T15:01:27	2	0	58	54	4	1.0534	1.0533	0.0000	0.9917	0.9914	0.0003
2024-03-06T15:02:08	1	0	9	10	-1	1.0167	1.0163	-0.0004	0.9919	0.9918	0.0001
2024-03-06T15:04:31	2	0	37	36	1	1.0597	1.0596	-0.0001	0.9828	0.9826	0.0002
2024-03-06T15:06:43	1	0	3	3	0	1.0597	1.0595	-0.0002	-0.9378	-0.9391	0.0013
2024-03-06T15:15:00	1	0	36	36	0	1.0492	1.0492	0.0000	-0.9927	-0.9927	0.0000
2024-03-06T15:19:34	1	0	11	11	0	1.0541	1.0541	0.0000	0.9889	0.9889	0.0000
2024-03-06T15:19:42	1	0	1	1	0	1.0159	1.0154	-0.0005	0.9708	0.9706	0.0002
2024-03-06T15:24:59	1	0	104	104	0	1.0572	1.0571	0.0000	0.964	0.9673	-0.0033
2024-03-06T15:28:40	1	0	15	15	0	0.9417	0.9417	0.0001	0.9842	0.9842	0.0000
2024-03-06T15:29:22	2	0	3	3	0	1.0281	1.0279	-0.0002	-0.9979	-0.9979	0.0000
2024-03-06T15:30:01	1	0	36	36	0	1.0489	1.0489	0.0000	-0.9936	-0.9937	0.0001
2024-03-06T15:36:01	1	0	6	6	0	1.0444	1.0444	0.0000	0.8405	0.8404	0.0001
2024-03-06T15:41:27	2	0	2	3	-1	1.0275	1.0252	-0.0023	-0.9865	-0.986	-0.0005
2024-03-06T15:42:20	1	0	29	27	2	1.0543	1.0541	-0.0002	-1	-1	0.0000
2024-03-06T15:45:02	1	0	45	44	1	1.0502	1.0501	-0.0002	-0.9916	-0.9916	0.0000
2024-03-06T15:50:56	2	0	18	18	0	1.0468	1.0468	0.0000	-1	-1	0.0000
2024-03-06T15:51:26	3	0	1	0	1	1.0455	null	null	1	1	0.0000
2024-03-06T15:52:30	11	0	1	0	1	1.0164	null	null	0.9929	0.9928	0.0001
2024-03-06T15:56:28	1	0	3	3	0	1.0243	1.0241	-0.0002	-0.9862	-0.9863	0.0001
2024-03-06T16:22:00	1	0	2	2	0	1.0366	1.0366	0.0000	0.9985	0.9986	-0.0001
2024-03-06T16:26:25	2	0	1	1	0	1.0111	1.0108	-0.0003	-0.9917	-0.9916	-0.0001
2024-03-06T16:45:57	1	0	4	4	0	1.0150	1.0147	-0.0003	0.9818	0.9817	0.0001
2024-03-07T07:52:05	1	0	166	166	0	0.9120	0.9121	0.0000	0.9605	0.9604	0.0001
2024-03-07T07:59:34	3	0	82	79	3	1.0534	1.0533	0.0000	0.9977	0.9977	0.0000
2024-03-07T08:05:36	2	0	97	95	2	1.0582	1.0582	0.0000	-0.9986	-0.9986	0.0000
2024-03-07T08:08:16	2	0	378	377	1	1.0614	1.0614	0.0000	-0.9617	-0.9615	-0.0002
2024-03-07T08:14:35	3	0	129	129	0	1.0553	1.0553	0.0000	0.998	0.9981	-0.0001
2024-03-07T08:20:37	1	0	177	177	0	1.0605	1.0604	0.0000	-0.9974	-0.9981	0.0007
2024-03-07T08:23:16	1	0	2	2	0	1.0381	1.0381	0.0000	-0.9999	-0.9999	0.0000
2024-03-07T08:41:56	1	0	50	49	1	1.0556	1.0556	0.0000	-0.9997	-0.9996	-0.0001
2024-03-07T08:44:14	3	0	405	404	1	0.8189	0.8192	0.0004	0.9945	0.9945	0.0000
2024-03-07T08:53:21	1	0	205	205	0	1.0603	1.0601	-0.0002	-0.9625	-0.9624	-0.0001
2024-03-07T08:55:54	1	0	1	1	0	1.0223	1.0219	-0.0004	-0.9808	-0.9806	-0.0002
2024-03-07T09:01:14	1	0	3	3	0	1.0099	1.0098	-0.0001	0.9945	0.9945	0.0000
2024-03-07T09:02:32	2	0	3	3	0	1.0375	1.0374	-0.0001	0.9773	0.9773	0.0000
2024-03-07T09:05:35	6	0	414	410	4	1.0648	1.0647	-0.0002	0.9752	0.9748	0.0004
2024-03-07T09:05:46	6	0	113	111	2	1.0584	1.0583	0.0000	-0.997	-0.997	0.0000
2024-03-07T09:08:22	1	0	1	1	0	1.0371	1.0371	0.0000	-0.9999	-0.9999	0.0000
2024-03-07T09:13:14	1	0	3	3	0	0.9357	0.9358	0.0001	0.9989	0.999	-0.0001
2024-03-07T09:14:39	3	0	174	173	1	1.0577	1.0575	-0.0002	0.9973	0.9972	0.0001
2024-03-07T09:20:47	1	0	136	133	3	1.0580	1.0579	-0.0001	-0.9985	-0.9986	0.0001
2024-03-07T09:20:58	1	0	4	4	0	1.0382	1.0380	-0.0002	-0.9767	-0.9762	-0.0005
2024-03-07T09:21:22	3	0	22	17	5	1.0556	1.0554	-0.0002	-1	-1	0.0000
2024-03-07T09:24:39	1	0	8	8	0	1.0508	1.0505	-0.0003	0.9861	0.9857	0.0004
2024-03-07T09:26:59	1	0	49	49	0	1.0564	1.0564	-0.0001	-0.9999	-0.9999	0.0000
2024-03-07T09:29:20	3	0	322	319	3	0.9052	0.9061	0.0008	0.9979	0.998	-0.0001
2024-03-07T09:30:28	1	0	105	104	1	1.0525	1.0525	0.0000	0.9975	0.9975	0.0000
2024-03-07T09:30:30	1	0	3	3	0	1.0150	1.0146	-0.0004	0.9908	0.9908	0.0000
2024-03-07T09:35:37	2	0	342	339	3	1.0617	1.0616	-0.0001	0.978	0.9779	0.0001
2024-03-07T09:42:00	1	0	67	67	0	1.0586	1.0586	-0.0001	-0.9995	-0.9995	0.0000
2024-03-07T09:42:52	1	0	173	172	1	1.0579	1.0579	0.0000	-0.9562	-0.956	-0.0002
2024-03-07T09:43:56	1	0	21	20	1	1.0488	1.0488	-0.0001	0.9952	0.9952	0.0000
2024-03-07T09:45:57	1	0	1	1	0	0.9673	0.9680	0.0007	0.9917	0.9918	-0.0001
2024-03-07T09:46:20	2	0	7	7	0	1.0111	1.0110	0.0000	0.9934	0.9934	0.0000
2024-03-07T09:46:22	2	0	1	0	1	1.0224	null	null	0.9916	0.9914	0.0002
2024-03-07T09:47:35	1	0	2	2	0	1.0414	1.0411	-0.0003	0.9754	0.9753	0.0001
2024-03-07T09:49:05	1	0	160	20	140	1.0639	1.0585	-0.0054	0.9869	0.9828	0.0041
2024-03-07T09:50:06	1	0	14	14	0	1.0514	1.0514	0.0000	0.9943	0.994	0.0003
2024-03-07T09:50:13	2	0	1	1	0	1.0370	1.0363	-0.0007	0.9812	0.9813	-0.0001
2024-03-07T09:51:06	1	0	6	6	0	1.0495	1.0492	-0.0003	0.6602	0.668	-0.0078
2024-03-07T09:51:45	1	0	9	9	0	1.0023	1.0021	-0.0002	-1	-1	0.0000
2024-03-07T09:57:53	16	0	305	275	30	1.0609	1.0608	-0.0002	-0.9509	-0.9513	0.0004
2024-03-07T09:58:36	2	0	5	5	0	1.0196	1.0193	-0.0003	-0.9714	-0.9686	-0.0028
2024-03-07T09:58:57	1	0	33	31	2	1.0505	1.0496	-0.0009	0.9963	0.9963	0.0000
2024-03-07T09:58:59	2	0	2	0	2	1.0332	null	null	-0.9977	-0.9979	0.0002
2024-03-07T09:59:22	1	0	4	4	0	0.9777	0.9776	-0.0001	-0.9998	-0.9998	0.0000
2024-03-07T10:00:32	1	0	1	1	0	1.0309	1.0304	-0.0005	0.9963	0.9962	0.0001
2024-03-07T10:01:23	2	0	1	1	0	1.0241	1.0240	-0.0001	0.9915	0.9915	0.0000
2024-03-07T10:02:36	1	0	1	0	1	0.9359	null	null	0.9767	0.9767	0.0000
2024-03-07T10:03:07	1	0	64	63	1	0.9879	0.9881	0.0002	0.9267	0.9267	0.0000
2024-03-07T10:04:15	1	0	6	6	0	1.0450	1.0449	-0.0001	0.9971	0.9971	0.0000
2024-03-07T10:05:14	2	0	3	3	0	1.0056	1.0058	0.0002	0.9786	0.979	-0.0004
2024-03-07T10:05:50	3	0	156	148	8	1.0595	1.0593	-0.0002	-0.9972	-0.9973	0.0001
2024-03-07T10:05:59	3	0	2	2	0	1.0467	1.0459	-0.0008	-0.9617	-0.9619	0.0002
2024-03-07T10:06:26	1	0	4	4	0	1.0482	1.0479	-0.0003	1	1	0.0000
2024-03-07T10:07:14	1	0	43	40	3	0.9320	0.9322	0.0002	0.9677	0.9669	0.0008
2024-03-07T10:08:00	1	0	8	8	0	1.0476	1.0474	-0.0002	0.975	0.9746	0.0004
2024-03-07T10:08:40	4	0	70	66	4	0.9344	0.9353	0.0009	0.9798	0.9801	-0.0003

2024-03-07T10:10:02	2	0	2	2	0	1.0488	1.0484	-0.0003	-0.9993	-0.9993	0.0000
2024-03-07T10:11:12	1	0	1	1	0	0.9871	0.9875	0.0004	-0.967	-0.9669	-0.0001
2024-03-07T10:13:07	9	0	478	471	7	1.0622	1.0621	0.0000	-0.946	-0.9462	0.0002
2024-03-07T10:14:00	2	0	2	2	0	1.0313	1.0310	-0.0003	-0.9967	-0.9968	0.0001
2024-03-07T10:14:35	2	0	36	36	0	1.0479	1.0479	0.0000	-0.9949	-0.995	0.0001
2024-03-07T10:14:59	1	0	76	76	0	1.0624	1.0621	-0.0002	0.9943	0.9942	0.0001
2024-03-07T10:15:31	1	0	122	121	1	1.0521	1.0520	-0.0001	0.9982	0.9982	0.0000
2024-03-07T10:15:43	3	0	3	1	2	1.0431	1.0326	-0.0105	0.9989	0.9989	0.0000
2024-03-07T10:15:52	1	0	11	11	0	1.0452	1.0452	0.0000	0.9959	0.9959	0.0000
2024-03-07T10:17:07	1	0	1	0	1	1.0391	null	null	0.997	0.997	0.0000
2024-03-07T10:17:28	2	0	52	51	1	1.0527	1.0526	0.0000	-0.9998	-0.9998	0.0000
2024-03-07T10:17:37	1	0	1	0	1	0.9337	null	null	0.975	0.975	0.0000
2024-03-07T10:18:49	1	0	1	1	0	1.0363	1.0357	-0.0006	-0.9984	-0.9985	0.0001
2024-03-07T10:19:17	3	0	9	8	1	1.0546	1.0539	-0.0007	0.9977	0.9977	0.0000
2024-03-07T10:20:23	1	0	5	4	1	1.0520	1.0504	-0.0016	-0.7982	-0.799	0.0008
2024-03-07T10:20:57	2	0	157	157	0	1.0581	1.0580	0.0000	-0.9956	-0.9956	0.0000
2024-03-07T10:21:27	1	0	5	5	0	1.0507	1.0504	-0.0003	-0.9999	-0.9999	0.0000
2024-03-07T10:25:09	1	0	1	1	0	1.0581	1.0581	0.0000	-0.9995	-0.9995	0.0000
2024-03-07T10:26:00	2	0	3	3	0	1.0043	1.0039	-0.0004	-0.9834	-0.9835	0.0001
2024-03-07T10:26:00	2	0	1	0	1	1.0085	null	null	-0.9994	-0.9994	0.0000
2024-03-07T10:28:20	12	0	332	323	9	1.0623	1.0622	-0.0001	-0.9523	-0.9525	0.0002
2024-03-07T10:31:01	1	0	62	62	0	1.0538	1.0546	0.0008	0.9622	0.9622	0.0000
2024-03-07T10:31:23	4	0	11	10	1	1.0164	1.0162	-0.0002	0.9922	0.9919	0.0003
2024-03-07T10:32:08	1	0	1	0	1	1.0368	null	null	0.9968	0.9967	0.0001
2024-03-07T10:32:29	6	0	72	66	6	1.0550	1.0546	-0.0004	-0.9999	-1	0.0001
2024-03-07T10:32:38	1	0	1	0	1	0.9363	null	null	0.975	0.975	0.0000
2024-03-07T10:34:44	2	0	1	1	0	0.9904	0.9910	0.0006	-0.9686	-0.9684	-0.0002
2024-03-07T10:37:10	1	0	1	1	0	1.0342	1.0339	-0.0003	0.9976	0.9976	0.0000
2024-03-07T10:40:56	1	0	24	21	3	1.0545	1.0542	-0.0003	1	1	0.0000
2024-03-07T10:41:01	3	0	3	3	0	1.0048	1.0051	0.0003	-0.9813	-0.9807	-0.0006
2024-03-07T10:41:28	1	0	4	4	0	1.0475	1.0473	-0.0003	0.9792	0.9791	0.0001
2024-03-07T10:43:21	1	0	3	3	0	1.0593	1.0592	-0.0001	0.9919	0.9917	0.0002
2024-03-07T10:43:34	2	0	310	304	6	1.0617	1.0617	0.0000	-0.9546	-0.9546	0.0000
2024-03-07T10:44:02	2	0	2	2	0	1.0475	1.0472	-0.0003	-0.997	-0.997	0.0000
2024-03-07T10:44:37	1	0	40	39	1	1.0494	1.0492	-0.0002	-0.995	-0.9951	0.0001
2024-03-07T10:45:13	1	0	82	82	0	1.0631	1.0630	-0.0001	0.9946	0.9946	0.0000
2024-03-07T10:45:33	2	0	121	119	2	1.0523	1.0522	-0.0001	0.9981	0.9981	0.0000
2024-03-07T10:50:12	1	0	19	18	1	1.0531	1.0528	-0.0003	0.9938	0.9928	0.0010
2024-03-07T10:50:20	1	0	3	3	0	1.0493	1.0493	-0.0001	0.9953	0.9951	0.0002
2024-03-07T10:50:35	4	0	11	10	1	1.0464	1.0453	-0.0011	1	0.9999	0.0001
2024-03-07T10:50:42	3	0	239	235	4	1.0624	1.0623	0.0000	0.9697	0.9686	0.0011
2024-03-07T10:50:49	1	0	40	40	0	1.0502	1.0501	-0.0001	-0.9896	-0.9896	0.0000
2024-03-07T10:51:10	1	0	9	9	0	1.0518	1.0516	-0.0002	-0.7353	-0.7447	0.0094
2024-03-07T10:52:11	1	0	4	4	0	1.0470	1.0467	-0.0003	0.9986	0.9986	0.0000
2024-03-07T10:52:32	4	0	16	13	3	1.0453	1.0461	0.0008	-0.9958	-0.996	0.0002
2024-03-07T10:55:07	1	0	4	4	0	1.0282	1.0281	-0.0001	0.9456	0.9454	0.0002
2024-03-07T10:55:11	5	0	12	10	2	1.0486	1.0492	0.0006	-0.9926	-0.9927	0.0001
2024-03-07T10:55:16	2	0	39	38	1	1.0486	1.0484	-0.0002	0.9949	0.9949	0.0000
2024-03-07T10:56:04	1	0	20	18	2	1.0535	1.0536	0.0001	1	1	0.0000
2024-03-07T10:57:57	1	0	3	2	1	1.0557	1.0538	-0.0019	-0.9802	-0.9803	0.0001
2024-03-07T10:58:40	1	0	2	2	0	1.0322	1.0318	-0.0004	0.9974	0.9973	0.0001
2024-03-07T10:58:47	11	0	382	358	24	1.0634	1.0633	-0.0001	-0.9554	-0.956	0.0006
2024-03-07T10:58:52	1	0	12	11	1	1.0457	1.0457	0.0000	0.9992	0.9992	0.0000
2024-03-07T10:59:01	1	0	36	35	1	1.0514	1.0514	0.0000	0.9983	0.9983	0.0000
2024-03-07T10:59:09	5	0	9	6	3	1.0499	1.0470	-0.0029	-0.9963	-0.9965	0.0002
2024-03-07T10:59:46	1	0	143	142	1	1.0570	1.0570	0.0000	0.9969	0.997	-0.0001
2024-03-07T11:00:34	3	0	133	130	3	1.0530	1.0529	-0.0001	0.9982	0.9982	0.0000
2024-03-07T11:00:55	1	0	13	13	0	1.0471	1.0471	0.0000	0.9958	0.9958	0.0000
2024-03-07T11:01:41	1	0	9	9	0	1.0162	1.0160	-0.0002	0.992	0.9919	0.0001
2024-03-07T11:02:39	4	0	67	62	5	1.0547	1.0543	-0.0004	1	1	0.0000
2024-03-07T11:02:45	1	0	1	0	1	1.0552	null	null	0.9842	0.9842	0.0000
2024-03-07T11:03:44	2	0	1	1	0	1.0298	1.0289	-0.0009	-0.9987	-0.9987	0.0000
2024-03-07T11:05:28	2	0	6	6	0	1.0525	1.0524	-0.0001	-0.7579	-0.7591	0.0012
2024-03-07T11:06:50	3	0	31	31	0	0.9416	0.9417	0.0002	0.9996	0.9996	0.0000
2024-03-07T11:06:56	2	0	17	17	0	0.9210	0.9219	0.0008	0.8512	0.853	-0.0018
2024-03-07T11:08:19	4	0	13	10	3	1.0555	1.0554	-0.0001	-0.9921	-0.9922	0.0001
2024-03-07T11:08:30	5	0	6	5	1	1.0348	1.0341	-0.0007	-1	-1	0.0000
2024-03-07T11:09:46	1	0	2	1	1	1.0452	1.0450	-0.0003	0.9832	0.9545	0.0287
2024-03-07T11:10:31	1	0	3	3	0	1.0397	1.0396	-0.0001	0.9996	0.9996	0.0000
2024-03-07T11:10:50	2	0	2	2	0	1.0562	1.0552	-0.0009	0.992	0.9915	0.0005
2024-03-07T11:12:04	2	0	13	11	2	1.0511	1.0505	-0.0005	0.9888	0.9885	0.0003
2024-03-07T11:12:58	2	0	79	79	0	1.1415	1.1396	-0.0019	-0.9871	-0.9873	0.0002
2024-03-07T11:13:03	2	0	44	43	1	1.0481	1.0479	-0.0002	-0.9986	-0.9986	0.0000
2024-03-07T11:13:23	1	0	8	8	0	1.0507	1.0506	-0.0001	0.9974	0.9974	0.0000
2024-03-07T11:13:53	1	0	12	12	0	1.0458	1.0458	-0.0001	0.9997	0.9997	0.0000
2024-03-07T11:14:58	1	0	1	1	0	1.0379	1.0376	-0.0003	-0.9749	-0.975	0.0001
2024-03-07T11:16:07	1	0	2	2	0	1.0258	1.0257	-0.0002	0.9973	0.9972	0.0001
2024-03-07T11:16:52	2	0	1	0	1	1.0125	null	null	0.9818	0.9818	0.0000
2024-03-07T11:17:00	2	0	1	1	0	1.0576	1.0562	-0.0014	0.9955	0.9772	0.0183
2024-03-07T11:17:28	1	0	4	4	0	1.0336	1.0334	-0.0002	0.9937	0.9935	0.0002
2024-03-07T11:17:41	2	0	1	0	1	1.0626	null	null	0.9896	0.9843	0.0053
2024-03-07T11:17:46	1	0	1	1	0	1.0587	1.0575	-0.0012	0.9849	0.9847	0.0002
2024-03-07T11:17:50	2	0	102	97	5	1.0578	1.0577	-0.0001	0.9991	0.999	0.0001
2024-03-07T11:20:51	1	0	43	43	0	1.0504	1.0503	-0.0001	-0.9883	-0.9884	0.0001
2024-03-07T11:22:13	2	0	3	3	0	1.0508	1.0506	-0.0003	-1	-1	0.0000

2024-03-07T11:26:21	1	0	19	17	2	1.0531	1.0533	0.0002	0.9999	0.9999	0.0000
2024-03-07T11:26:24	1	0	2	2	0	1.0414	1.0410	-0.0004	0.9967	0.9967	0.0000
2024-03-07T11:28:56	12	0	419	415	4	1.0637	1.0637	0.0000	-0.9465	-0.9465	0.0000
2024-03-07T11:29:20	6	0	4	0	4	1.0556	null	null	-0.9958	-0.9959	0.0001
2024-03-07T11:29:40	1	0	41	40	1	1.0497	1.0495	-0.0002	-0.9937	-0.9937	0.0000
2024-03-07T11:29:57	1	0	2	2	0	1.0561	1.0558	-0.0003	0.9864	0.9863	0.0001
2024-03-07T11:30:36	1	0	134	133	1	1.0527	1.0527	0.0000	0.9979	0.9979	0.0000
2024-03-07T11:30:38	4	0	4	4	0	1.0265	1.0263	-0.0002	0.978	0.9776	0.0004
2024-03-07T11:30:57	2	0	11	12	-1	1.0454	1.0462	0.0008	0.9962	0.9962	0.0000
2024-03-07T11:31:05	1	0	73	73	0	1.0574	1.0573	0.0000	0.9622	0.9658	-0.0036
2024-03-07T11:32:02	2	0	1	1	0	1.0553	1.0552	-0.0001	0.9844	0.9842	0.0002
2024-03-07T11:32:21	5	0	3	3	0	1.0172	1.0171	-0.0001	0.9827	0.9827	0.0000
2024-03-07T11:32:54	1	0	1	1	0	1.0564	1.0562	-0.0002	0.9849	0.9848	0.0001
2024-03-07T11:35:20	2	0	21	19	2	1.0537	1.0533	-0.0004	0.9855	0.985	0.0005
2024-03-07T11:35:22	4	0	47	47	0	0.9432	0.9442	0.0010	0.9788	0.9787	0.0001
2024-03-07T11:36:21	2	0	59	59	0	1.1205	1.1203	-0.0001	0.9982	0.9982	0.0000
2024-03-07T11:36:32	6	0	4	5	-1	1.0514	1.0503	-0.0011	-0.9998	-0.9998	0.0000
2024-03-07T11:37:35	4	0	3	4	-1	1.0434	1.0410	-0.0024	-0.9998	-0.9998	0.0000
2024-03-07T11:38:21	4	0	6	6	0	1.0559	1.0559	0.0000	-0.9938	-0.9938	0.0000
2024-03-07T11:41:05	2	0	1	1	0	1.0114	1.0106	-0.0008	-0.995	-0.9949	-0.0001
2024-03-07T11:44:28	8	0	3	2	1	1.0450	1.0551	0.0101	-0.9971	-0.9969	-0.0002
2024-03-07T11:44:58	1	0	1	1	0	1.0779	1.0779	0.0000	0.9861	0.9862	-0.0001
2024-03-07T11:45:39	4	0	1	1	0	1.0570	1.0570	0.0000	0.9825	0.9825	0.0000
2024-03-07T11:46:06	1	0	74	74	0	1.0569	1.0569	0.0000	0.9629	0.9665	-0.0036
2024-03-07T11:46:12	1	0	23	22	1	1.0514	1.0510	-0.0003	0.9856	0.9854	0.0002
2024-03-07T11:47:04	2	0	1	0	1	1.0558	null	null	-0.9985	-0.9985	0.0000
2024-03-07T11:47:21	1	0	1	1	0	1.0385	1.0383	-0.0002	0.9973	0.9973	0.0000
2024-03-07T11:47:36	7	0	2	2	0	1.0160	1.0160	0.0000	0.9826	0.9827	-0.0001
2024-03-07T11:48:55	1	0	16	16	0	1.0502	1.0502	0.0000	-0.9958	-0.9957	-0.0001
2024-03-07T11:49:12	2	0	7	6	1	1.0443	1.0422	-0.0021	0.9608	0.9608	0.0000
2024-03-07T11:50:24	2	0	29	29	0	1.0555	1.0553	-0.0002	0.9966	0.9965	0.0001
2024-03-07T11:52:21	3	0	4	4	0	0.9614	0.9610	-0.0004	0.9686	0.9681	0.0005
2024-03-07T11:52:36	4	0	1	1	0	1.0381	1.0381	0.0000	-1	-1	0.0000
2024-03-07T11:53:22	4	0	5	6	-1	1.0564	1.0562	-0.0002	-0.9935	-0.9935	0.0000
2024-03-07T11:59:59	1	0	1	1	0	1.0800	1.0800	0.0000	0.9855	0.9856	-0.0001
2024-03-07T12:01:07	1	0	71	71	0	1.0603	1.0603	0.0000	0.9637	0.9637	0.0000
2024-03-07T12:02:28	1	0	1	1	0	1.0582	1.0581	-0.0001	0.997	0.9969	0.0001
2024-03-07T12:03:56	1	0	18	18	0	1.0500	1.0500	0.0000	-0.9945	-0.996	0.0015
2024-03-07T12:04:14	1	0	258	50	208	1.0696	1.0617	-0.0079	0.9901	0.9863	0.0038
2024-03-07T12:05:25	2	0	22	21	1	1.0552	1.0551	-0.0001	0.9945	0.9945	0.0000
2024-03-07T12:06:34	6	0	1	1	0	0.9443	0.9444	0.0001	0.9778	0.9782	-0.0004
2024-03-07T12:07:37	4	0	2	2	0	1.0476	1.0476	0.0000	-1	-0.9999	-0.0001
2024-03-07T12:08:23	4	0	6	6	0	1.0568	1.0568	0.0000	-0.9936	-0.9936	0.0000
2024-03-07T12:13:02	2	0	1	1	0	1.0568	1.0568	0.0000	0.9997	-1	-0.0003
2024-03-07T12:13:07	3	0	26	25	1	1.0480	1.0477	-0.0003	-0.9977	-0.9977	0.0000
2024-03-07T12:15:39	4	0	4	4	0	1.0511	1.0509	-0.0003	-0.9809	-0.9815	0.0006
2024-03-07T12:17:45	3	0	1	0	1	0.9346	null	null	0.9747	0.9746	0.0001
2024-03-07T12:22:15	1	0	1	0	1	0.9447	null	null	-0.9992	-0.9991	-0.0001
2024-03-07T12:22:23	3	0	2	2	0	0.8901	0.8901	0.0000	0.9727	0.9728	-0.0001
2024-03-07T12:26:28	1	0	3	3	0	1.0397	1.0389	-0.0008	0.9982	0.9982	0.0000
2024-03-07T12:36:29	2	0	2	3	-1	1.0714	1.0663	-0.0051	-0.9798	-0.9785	-0.0013
2024-03-07T12:43:04	1	0	1	1	0	1.0592	1.0592	0.0000	-0.9948	-0.9947	-0.0001
2024-03-07T12:48:04	1	0	94	1	93	0.9092	1.0637	0.1545	0.9856	0.9866	-0.0010
2024-03-07T12:49:20	1	0	246	25	221	1.0662	1.0607	-0.0055	0.9878	0.9838	0.0040
2024-03-07T12:51:30	1	0	2	2	0	1.0174	1.0173	-0.0002	0.9902	0.9902	0.0000
2024-03-07T13:00:03	1	0	4	4	0	1.0633	1.0632	-0.0002	0.9852	0.9853	-0.0001
2024-03-07T13:00:43	4	0	4	4	0	1.0545	1.0541	-0.0004	-0.9834	-0.9838	0.0004
2024-03-07T13:01:06	1	0	4	4	0	1.0458	1.0457	-0.0001	0.9954	0.9954	0.0000
2024-03-07T13:02:34	1	0	2	0	2	1.0401	null	null	0.9971	0.9971	0.0000
2024-03-07T13:15:44	1	0	2	2	0	1.0714	1.0714	0.0000	-0.9846	-0.9843	-0.0003
2024-03-07T13:24:59	1	0	2	1	1	1.0476	1.0399	-0.0078	0.9918	0.9917	0.0001
2024-03-07T13:28:07	1	0	5	5	0	1.0602	1.0589	-0.0013	-0.999	-0.999	0.0000
2024-03-07T13:31:10	4	0	2	2	0	1.0441	1.0441	0.0000	0.9903	0.9906	-0.0003
2024-03-07T13:32:36	1	0	1	1	0	1.0387	1.0383	-0.0004	0.9973	0.9973	0.0000
2024-03-07T13:32:54	2	0	24	23	1	1.0514	1.0512	-0.0002	0.9805	0.9805	0.0000
2024-03-07T13:33:07	1	0	1	1	0	1.0629	1.0627	-0.0002	0.9863	0.9863	0.0000
2024-03-07T13:44:36	10	0	5	3	2	1.0520	1.0492	-0.0028	-0.9954	-0.9955	0.0001
2024-03-07T13:48:08	1	0	1	1	0	1.0589	1.0587	-0.0002	0.9867	0.9867	0.0000
2024-03-07T13:48:36	1	0	5	4	1	1.0530	1.0514	-0.0016	0.945	0.9449	0.0001
2024-03-07T13:48:54	1	0	2	2	0	1.0488	1.0486	-0.0002	0.9739	0.9739	0.0000
2024-03-07T13:53:30	4	0	9	9	0	1.0567	1.0567	0.0000	-0.9914	-0.9915	0.0001
2024-03-07T13:59:44	1	0	6	5	1	1.0510	1.0500	-0.0010	-0.9953	-0.9954	0.0001
2024-03-07T14:00:47	4	0	4	4	0	1.0533	1.0532	-0.0001	-0.9802	-0.9806	0.0004
2024-03-07T14:02:56	3	0	29	28	1	1.0522	1.0520	-0.0002	0.9804	0.9803	0.0001
2024-03-07T14:02:58	3	0	2	2	0	1.0137	1.0137	0.0000	0.9574	0.9575	-0.0001
2024-03-07T14:03:55	1	0	2	2	0	1.0487	1.0486	-0.0001	0.9747	0.9746	0.0001
2024-03-07T14:04:04	2	0	19	18	1	1.0481	1.0480	-0.0002	-0.9961	-0.9961	0.0000
2024-03-07T14:05:36	2	0	23	20	3	1.0553	1.0550	-0.0003	0.9996	0.9993	0.0003
2024-03-07T14:05:48	3	0	12	11	1	1.0510	1.0503	-0.0006	0.9998	0.9998	0.0000
2024-03-07T14:07:12	1	0	9	9	0	1.0514	1.0512	-0.0001	-0.9947	-0.9948	0.0001
2024-03-07T14:07:26	4	0	7	8	-1	1.0564	1.0564	0.0000	0.998	0.9981	-0.0001
2024-03-07T14:07:33	1	0	18	17	1	1.0485	1.0481	-0.0004	0.9996	0.9996	0.0000
2024-03-07T14:11:02	2	0	17	17	0	0.9284	0.9285	0.0001	0.9842	0.9844	-0.0002
2024-03-07T14:11:35	1	0	2	2	0	1.0410	1.0407	-0.0003	0.9973	0.9973	0.0000
2024-03-07T14:12:22	1	0	3	3	0	1.0299	1.0299	0.0000	-0.9991	-0.9992	0.0001

2024-03-07T14:13:10	1	0	79	79	0	1.0790	1.0785	-0.0004	-0.9999	-0.9991	-0.0008
2024-03-07T14:13:53	1	0	2	2	0	1.0330	1.0326	-0.0004	0.9981	0.998	0.0001
2024-03-07T14:14:05	2	0	55	55	0	1.0598	1.0597	-0.0001	0.9891	0.9891	0.0000
2024-03-07T14:14:51	6	0	4	4	0	1.0482	1.0477	-0.0005	-0.9946	-0.9948	0.0002
2024-03-07T14:14:51	3	0	97	88	9	1.0530	1.0527	-0.0003	-0.9916	-0.9916	0.0000
2024-03-07T14:15:48	4	0	4	4	0	1.0545	1.0543	-0.0002	-0.9745	-0.9749	0.0004
2024-03-07T14:16:23	2	0	50	50	0	1.0532	1.0532	0.0000	0.9881	0.988	0.0001
2024-03-07T14:16:54	1	0	9	9	0	1.0438	1.0436	-0.0001	-0.9569	-0.9567	-0.0002
2024-03-07T14:17:15	2	0	1	1	0	1.0599	1.0598	-0.0001	0.9743	0.9741	0.0002
2024-03-07T14:17:40	1	0	1	1	0	1.0567	1.0563	-0.0004	0.9974	0.9974	0.0000
2024-03-07T14:18:56	1	0	1	1	0	1.0565	1.0563	-0.0002	0.9766	0.9766	0.0000
2024-03-07T14:19:05	2	0	26	25	1	1.0511	1.0510	-0.0001	-0.9957	-0.9958	0.0001
2024-03-07T14:19:20	2	0	1	1	0	1.0183	1.0178	-0.0005	0.9795	0.9793	0.0002
2024-03-07T14:19:26	1	0	211	65	146	1.0662	1.0620	-0.0042	0.991	0.987	0.0040
2024-03-07T14:20:39	2	0	23	21	2	1.0559	1.0556	-0.0003	0.9997	0.9995	0.0002
2024-03-07T14:20:49	3	0	33	31	2	1.0521	1.0519	-0.0002	-0.9981	-0.9982	0.0001
2024-03-07T14:21:03	6	0	65	64	1	1.0496	1.0495	-0.0001	-0.9843	-0.9844	0.0001
2024-03-07T14:21:38	1	0	2	2	0	1.0696	1.0691	-0.0005	0.09821	0.09236	0.0059
2024-03-07T14:22:03	4	0	6	7	-1	1.0572	1.0570	-0.0002	-0.9948	-0.9948	0.0000
2024-03-07T14:22:09	1	0	2	2	0	1.0451	1.0450	-0.0002	0.9978	0.9978	0.0000
2024-03-07T14:22:13	1	0	5	5	0	1.0518	1.0517	-0.0001	-0.9972	-0.9972	0.0000
2024-03-07T14:22:27	2	0	17	16	1	1.0580	1.0578	-0.0002	0.9984	0.9984	0.0000
2024-03-07T14:23:57	4	0	1	1	0	1.0265	1.0265	0.0000	0.9912	0.9911	0.0001
2024-03-07T14:25:24	1	0	13	13	0	1.0480	1.0479	-0.0001	-0.9825	-0.9825	0.0000
2024-03-07T14:25:27	8	0	13	11	2	1.0483	1.0488	0.0005	-0.9891	-0.9895	0.0004
2024-03-07T14:26:36	1	0	2	2	0	1.0421	1.0419	-0.0002	0.9963	0.9964	-0.0001
2024-03-07T14:26:40	2	0	29	28	1	1.0535	1.0533	-0.0002	-1	-1	0.0000
2024-03-07T14:27:23	1	0	1	1	0	0.9442	0.9444	0.0002	0.9999	0.9999	0.0000
2024-03-07T14:28:11	1	0	79	79	0	1.1453	1.1451	-0.0002	0.9997	-1	-0.0003
2024-03-07T14:28:59	1	0	4	4	0	1.0374	1.0374	-0.0001	0.9971	0.9971	0.0000
2024-03-07T14:29:52	2	0	58	56	2	1.0508	1.0507	0.0000	-0.9911	-0.9912	0.0001
2024-03-07T14:30:49	1	0	3	3	0	1.0594	1.0593	-0.0001	-0.9766	-0.9765	-0.0001
2024-03-07T14:30:50	4	0	6	6	0	1.0275	1.0272	-0.0002	0.9835	0.9832	0.0003
2024-03-07T14:31:24	1	0	18	18	0	1.0503	1.0503	0.0000	0.989	0.989	0.0000
2024-03-07T14:32:41	1	0	2	2	0	1.0389	1.0380	-0.0009	0.9998	0.9998	0.0000
2024-03-07T14:32:58	3	0	33	32	1	1.0518	1.0517	-0.0002	0.9818	0.9817	0.0001
2024-03-07T14:33:07	1	0	2	2	0	1.0142	1.0139	-0.0003	0.9616	0.9614	0.0002
2024-03-07T14:33:11	1	0	1	1	0	1.0606	1.0596	-0.0010	0.9762	0.9799	-0.0037
2024-03-07T14:34:06	2	0	22	22	0	1.0492	1.0491	-0.0001	-0.9878	-0.9879	0.0001
2024-03-07T14:34:21	2	0	1	1	0	1.0167	1.0166	-0.0001	0.9724	0.9723	0.0001
2024-03-07T14:34:27	1	0	15	15	0	1.0548	1.0547	-0.0001	0.9856	0.9855	0.0001
2024-03-07T14:35:35	1	0	4	4	0	1.0446	1.0445	-0.0001	0.993	0.9929	0.0001
2024-03-07T14:35:42	2	0	22	20	2	1.0554	1.0550	-0.0003	0.9991	0.9988	0.0003
2024-03-07T14:36:11	8	0	74	72	2	1.0502	1.0501	-0.0001	-0.9839	-0.9842	0.0003
2024-03-07T14:36:23	1	0	7	7	0	1.0352	1.0350	-0.0003	0.9893	0.9892	0.0001
2024-03-07T14:36:41	1	0	2	2	0	1.0674	1.0670	-0.0004	-0.8446	-0.8397	-0.0049
2024-03-07T14:36:44	8	0	2	2	0	1.0223	1.0200	-0.0023	0.9853	0.9845	0.0008
2024-03-07T14:37:04	1	0	21	19	2	1.0594	1.0592	-0.0003	-0.995	-0.9933	-0.0017
2024-03-07T14:37:10	1	0	1	1	0	1.0351	1.0351	0.0000	0.9976	0.9976	0.0000
2024-03-07T14:37:28	2	0	5	5	0	1.0615	1.0614	-0.0001	0.9981	0.9981	0.0000
2024-03-07T14:37:34	1	0	4	4	0	0.9166	0.9169	0.0002	0.9658	0.965	0.0008
2024-03-07T14:38:20	1	0	28	27	1	1.0512	1.0510	-0.0003	0.9748	0.9746	0.0002
2024-03-07T14:39:16	1	0	101	99	2	1.0579	1.0579	0.0000	0.99	0.99	0.0000
2024-03-07T14:39:57	1	0	11	10	1	1.0510	1.0516	0.0006	-0.9577	-0.9579	0.0002
2024-03-07T14:40:37	2	0	11	11	0	1.0481	1.0481	0.0000	-0.9894	-0.9894	0.0000
2024-03-07T14:41:37	2	0	8	8	0	1.0429	1.0429	-0.0001	0.9979	0.998	-0.0001
2024-03-07T14:41:46	4	0	2	1	1	1.0456	1.0451	-0.0005	0.9854	0.9847	0.0007
2024-03-07T14:41:48	2	0	26	25	1	1.0532	1.0530	-0.0003	-1	-1	0.0000
2024-03-07T14:43:12	1	0	79	79	0	1.0685	1.0683	-0.0002	-0.9966	-0.9999	0.0033
2024-03-07T14:43:37	1	0	5	5	0	1.0569	1.0569	-0.0001	0.9767	0.9765	0.0002
2024-03-07T14:44:00	2	0	5	5	0	1.0355	1.0352	-0.0003	0.9979	0.9979	0.0000
2024-03-07T14:44:13	2	0	75	71	4	1.0606	1.0605	-0.0001	0.9909	0.9908	0.0001
2024-03-07T14:44:53	2	0	48	48	0	1.0500	1.0500	0.0000	-0.9929	-0.9929	0.0000
2024-03-07T14:45:50	1	0	3	3	0	1.0572	1.0571	-0.0001	-0.9773	-0.9772	-0.0001
2024-03-07T14:46:25	1	0	23	23	0	1.0511	1.0511	0.0000	0.9907	0.9907	0.0000
2024-03-07T14:46:37	1	0	25	24	1	1.0507	1.0510	0.0002	0.9654	0.9652	0.0002
2024-03-07T14:47:42	2	0	2	2	0	1.0380	1.0377	-0.0004	0.9997	0.9997	0.0000
2024-03-07T14:47:55	1	0	2	2	0	1.0319	1.0318	-0.0001	0.9771	0.977	0.0001
2024-03-07T14:47:59	3	0	35	34	1	1.0528	1.0526	-0.0001	0.9788	0.9787	0.0001
2024-03-07T14:48:17	1	0	1	1	0	1.0090	1.0084	-0.0006	0.9615	0.9614	0.0001
2024-03-07T14:48:28	1	0	11	10	1	1.0496	1.0487	-0.0009	0.9664	0.9663	0.0001
2024-03-07T14:49:39	3	0	36	35	1	1.0538	1.0537	0.0000	0.9979	0.9979	0.0000
2024-03-07T14:51:45	1	0	1	1	0	0.9421	0.9432	0.0011	0.9828	0.983	-0.0002
2024-03-07T14:52:20	2	0	12	12	0	1.0490	1.0488	-0.0002	-0.995	-0.9951	0.0001
2024-03-07T14:55:43	1	0	6	6	0	1.0490	1.0490	0.0000	-0.9893	-0.9893	0.0000
2024-03-07T14:59:14	2	0	10	10	0	1.0485	1.0483	-0.0002	-0.9962	-0.9963	0.0001
2024-03-07T14:59:54	1	0	4	4	0	1.0483	1.0482	-0.0001	-0.9943	-0.9944	0.0001
2024-03-07T14:59:54	1	0	65	64	1	1.0511	1.0511	-0.0001	-0.9908	-0.9908	0.0000
2024-03-07T15:00:08	1	0	3	3	0	1.0321	1.0321	0.0000	-0.982	-0.9821	0.0001
2024-03-07T15:00:51	3	0	4	4	0	1.0525	1.0523	-0.0001	-0.9741	-0.9744	0.0003
2024-03-07T15:01:38	1	0	26	26	0	1.0510	1.0510	-0.0001	0.9645	0.964	0.0005
2024-03-07T15:02:56	1	0	3	4	-1	1.0324	1.0106	-0.0219	0.9797	0.9797	0.0000
2024-03-07T15:04:43	1	0	1	1	0	1.0145	1.0140	-0.0005	0.971	0.9708	0.0002
2024-03-07T15:08:29	1	0	27	25	2	1.0506	1.0504	-0.0002	0.973	0.9728	0.0002
2024-03-07T15:18:34	2	0	33	32	1	1.0508	1.0509	0.0001	0.981	0.9764	0.0046

2024-03-07T15:18:42	1	0	9	9	0	1.0497	1.0496	-0.0001	0.9607	0.9602	0.0005
2024-03-07T15:20:54	3	0	20	20	0	1.0491	1.0491	0.0000	-0.9997	-0.9997	0.0000
2024-03-07T15:21:19	1	0	4	4	0	1.0078	1.0078	-0.0001	0.9739	0.9737	0.0002
2024-03-07T15:22:13	2	0	1	1	0	1.0573	1.0554	-0.0019	0.9285	0.9253	0.0032
2024-03-07T15:25:22	1	0	2	2	0	1.0269	1.0269	0.0000	0.9671	0.9671	0.0000
2024-03-07T15:27:27	1	0	4	4	0	1.0018	1.0019	0.0000	0.9985	0.9985	0.0000
2024-03-07T15:30:54	2	0	4	4	0	1.0257	1.0257	0.0000	0.9764	0.9764	0.0000
2024-03-07T15:33:02	3	0	30	29	1	1.0518	1.0516	-0.0001	0.9813	0.9813	0.0000
2024-03-07T15:33:41	1	0	4	4	0	1.0135	1.0132	-0.0002	0.9625	0.9623	0.0002
2024-03-07T15:35:48	1	0	43	41	2	1.0564	1.0562	-0.0002	-0.9993	-0.9997	0.0004
2024-03-07T15:37:08	2	0	11	11	0	1.0363	1.0363	-0.0001	-0.9998	-0.9998	0.0000
2024-03-07T15:38:34	1	0	23	23	0	1.0496	1.0495	-0.0001	0.9729	0.9728	0.0001
2024-03-07T15:42:22	1	0	29	29	0	1.0498	1.0498	-0.0001	0.9913	0.9913	0.0000
2024-03-07T15:45:14	1	0	2	2	0	1.0545	1.0543	-0.0002	0.9861	0.986	0.0001
2024-03-07T15:49:58	3	0	2	2	0	1.0321	1.0318	-0.0003	0.9528	0.9582	-0.0054
2024-03-07T15:57:23	1	0	29	28	1	1.0525	1.0525	0.0000	0.9911	0.9911	0.0000
2024-03-07T15:58:43	2	0	1	0	1	1.0555	null	null	0.9911	0.9907	0.0004
2024-03-07T15:59:58	1	0	42	42	0	1.0496	1.0496	0.0000	-0.9935	-0.9935	0.0000
2024-03-07T16:03:00	1	0	3	4	-1	1.0281	1.0073	-0.0208	0.9807	0.9807	0.0000
2024-03-07T16:30:00	2	0	2	1	1	1.0454	1.0453	-0.0001	-0.9975	-0.9975	0.0000
2024-03-07T16:49:41	1	0	104	103	1	1.0626	1.0625	0.0000	0.9912	0.9912	0.0000
2024-03-07T16:50:41	2	0	1	0	1	1.0551	null	null	0.9838	0.9836	0.0002
2024-03-07T17:43:12	2	0	969	968	1	0.8492	0.8492	0.0000	0.9815	0.9816	-0.0001
2024-03-08T08:05:34	4	0	173	170	3	1.0573	1.0573	0.0000	0.9947	0.9948	-0.0001
2024-03-08T08:22:01	1	0	103	101	2	1.0605	1.0605	0.0000	0.9922	0.9923	-0.0001
2024-03-08T08:25:53	1	0	14	14	0	0.9515	0.9515	0.0000	-0.9901	-0.9899	-0.0002
2024-03-08T08:27:21	1	0	4	4	0	1.0457	1.0457	0.0000	0.9699	0.9697	0.0002
2024-03-08T08:37:00	1	0	2	2	0	0.9430	0.9433	0.0003	0.9994	0.9994	0.0000
2024-03-08T08:38:20	3	0	284	284	0	1.0603	1.0603	0.0000	-0.9586	-0.9584	-0.0002
2024-03-08T08:39:55	1	0	163	163	0	0.9381	0.9382	0.0001	0.9684	0.9685	-0.0001
2024-03-08T08:41:56	2	0	53	53	0	1.0576	1.0576	-0.0001	-0.9994	-0.9994	0.0000
2024-03-08T08:50:38	2	0	161	161	0	1.0567	1.0567	0.0000	-0.9952	-0.9952	0.0000
2024-03-08T08:59:43	3	0	71	65	6	1.0550	1.0549	-0.0001	0.9984	0.9984	0.0000
2024-03-08T09:01:14	1	0	3	3	0	1.0086	1.0085	0.0000	0.9911	0.991	0.0001
2024-03-08T09:05:11	2	0	3	3	0	0.9638	0.9634	-0.0004	0.9741	0.9741	0.0000
2024-03-08T09:05:38	1	0	120	114	6	1.0546	1.0545	-0.0001	0.9712	0.9713	-0.0001
2024-03-08T09:05:39	2	0	120	118	2	1.0573	1.0572	-0.0001	-0.9981	-0.9987	0.0006
2024-03-08T09:07:02	1	0	1	0	1	0.9448	null	null	0.9993	0.9993	0.0000
2024-03-08T09:07:05	1	0	130	130	0	1.0671	1.0663	-0.0008	0.9915	0.9914	0.0001
2024-03-08T09:08:22	4	0	210	208	2	1.0602	1.0602	0.0000	-0.9743	-0.9743	0.0000
2024-03-08T09:09:37	2	0	147	135	12	1.0588	1.0582	-0.0006	0.9919	0.9917	0.0002
2024-03-08T09:10:56	1	0	1	1	0	1.0219	1.0212	-0.0007	-0.9897	-0.9876	-0.0021
2024-03-08T09:11:58	2	0	60	60	0	1.0600	1.0599	-0.0001	-0.9993	-0.9993	0.0000
2024-03-08T09:13:22	1	0	4	4	0	1.0040	1.0041	0.0001	0.999	0.999	0.0000
2024-03-08T09:20:15	1	0	1	1	0	1.0359	1.0356	-0.0003	-0.9978	-0.9977	-0.0001
2024-03-08T09:24:58	1	0	71	68	3	0.9421	0.9422	0.0001	0.9639	0.9642	-0.0003
2024-03-08T09:30:28	1	0	2	2	0	1.0133	1.0127	-0.0006	0.979	0.9789	0.0001
2024-03-08T09:35:36	1	0	2	2	0	1.0278	1.0276	-0.0003	0.9857	0.9856	0.0001
2024-03-08T09:35:40	4	0	206	195	11	1.0572	1.0570	-0.0002	0.9747	0.9741	0.0006
2024-03-08T09:35:44	1	0	58	56	2	1.0513	1.0513	0.0000	-0.9942	-0.9942	0.0000
2024-03-08T09:37:07	1	0	133	131	2	1.0680	1.0678	-0.0002	0.9922	0.9922	0.0000
2024-03-08T09:39:39	1	0	296	294	2	1.0630	1.0630	0.0000	0.9999	0.9999	0.0000
2024-03-08T09:43:55	1	0	25	24	1	1.0494	1.0494	0.0000	0.9994	0.9994	0.0000
2024-03-08T09:43:58	1	0	2	2	0	1.0315	1.0301	-0.0014	0.9997	0.9996	0.0001
2024-03-08T09:44:18	3	0	4	4	0	1.0471	1.0468	-0.0003	-0.9877	-0.9881	0.0004
2024-03-08T09:45:28	1	0	61	60	1	1.0528	1.0527	-0.0001	0.9841	0.9841	0.0000
2024-03-08T09:45:58	1	0	3	3	0	1.0184	1.0187	0.0003	0.9947	0.9948	-0.0001
2024-03-08T09:46:05	1	0	22	21	1	1.0492	1.0488	-0.0004	0.9848	0.9846	0.0002
2024-03-08T09:46:14	1	0	26	26	0	1.0510	1.0510	-0.0001	0.957	0.9566	0.0004
2024-03-08T09:46:19	3	0	5	5	0	1.0117	1.0115	-0.0002	0.9922	0.9921	0.0001
2024-03-08T09:48:13	1	0	51	49	2	1.0234	1.0233	0.0000	0.9376	0.9375	0.0001
2024-03-08T09:50:06	1	0	21	20	1	1.0532	1.0531	-0.0002	0.9964	0.9961	0.0003
2024-03-08T09:50:41	2	0	224	219	5	1.0588	1.0587	-0.0001	0.9725	0.9724	0.0001
2024-03-08T09:51:45	1	0	9	9	0	1.0005	1.0002	-0.0002	0.9992	0.9992	0.0000
2024-03-08T09:53:25	8	0	225	219	6	1.0598	1.0597	0.0000	-0.9712	-0.9711	-0.0001
2024-03-08T09:55:00	2	0	3	2	1	1.0509	1.0476	-0.0033	-0.9998	-0.9998	0.0000
2024-03-08T09:55:59	1	0	2	2	0	1.0289	1.0286	-0.0004	-0.9855	-0.9854	-0.0001
2024-03-08T09:58:37	2	0	1	1	0	1.0154	1.0148	-0.0006	-0.9815	-0.9816	0.0001
2024-03-08T09:59:20	1	0	5	5	0	1.0511	1.0510	-0.0001	-0.9848	-0.9849	0.0001
2024-03-08T09:59:47	3	0	43	42	1	1.0536	1.0536	-0.0001	0.9971	0.9971	0.0000
2024-03-08T10:00:29	3	0	59	57	2	1.0533	1.0531	-0.0001	0.9827	0.9827	0.0000
2024-03-08T10:00:35	1	0	2	2	0	1.0349	1.0346	-0.0003	0.9899	0.9897	0.0002
2024-03-08T10:02:06	2	0	2	1	1	1.0389	1.0385	-0.0004	0.9999	0.9998	0.0001
2024-03-08T10:04:28	1	0	1	1	0	1.0108	1.0104	-0.0004	0.9726	0.9724	0.0002
2024-03-08T10:05:42	2	0	302	297	5	1.0606	1.0606	0.0000	0.9732	0.9731	0.0001
2024-03-08T10:05:43	7	0	119	109	10	1.0587	1.0586	0.0000	-0.9961	-0.9964	0.0003
2024-03-08T10:09:39	1	0	38	38	0	1.0528	1.0527	0.0000	0.9644	0.9643	0.0001
2024-03-08T10:10:56	2	0	2	2	0	1.0130	1.0115	-0.0015	-0.9971	-0.9972	0.0001
2024-03-08T10:11:58	1	0	1	0	1	1.0351	null	null	0.9896	0.9896	0.0000
2024-03-08T10:12:37	1	0	3	3	0	1.0099	1.0098	-0.0001	0.9696	0.9695	0.0001
2024-03-08T10:13:18	1	0	6	6	0	1.0421	1.0420	-0.0001	0.9819	0.9818	0.0001
2024-03-08T10:13:57	1	0	24	24	0	1.0488	1.0488	-0.0001	0.9977	0.9977	0.0000
2024-03-08T10:14:37	2	0	36	36	0	1.0475	1.0474	-0.0001	-0.9931	-0.9932	0.0001
2024-03-08T10:15:31	2	0	2	2	0	1.0094	1.0091	-0.0003	0.9638	0.9635	0.0003
2024-03-08T10:15:42	3	0	2	1	1	1.0473	1.0376	-0.0097	0.991	0.9909	0.0001

2024-03-08T10:15:52	1	0	2	2	0	1.0324	1.0322	-0.0002	0.9937	0.9937	0.0000
2024-03-08T10:16:21	2	0	5	5	0	1.0117	1.0116	-0.0001	0.9924	0.9923	0.0001
2024-03-08T10:17:10	1	0	1	1	0	1.0386	1.0385	-0.0001	0.9997	0.9997	0.0000
2024-03-08T10:17:30	1	0	39	39	0	1.0495	1.0495	0.0000	0.9997	0.9997	0.0000
2024-03-08T10:17:44	1	0	2	2	0	1.0278	1.0276	-0.0002	0.9719	0.9718	0.0001
2024-03-08T10:17:44	1	0	1	0	1	1.0554	null	null	0.9853	0.9826	0.0027
2024-03-08T10:18:20	1	0	9	8	1	1.0518	1.0506	-0.0012	0.979	0.979	0.0000
2024-03-08T10:19:17	3	0	3	3	0	1.0465	1.0462	-0.0004	0.9998	0.9998	0.0000
2024-03-08T10:20:11	1	0	35	31	4	1.0557	1.0554	-0.0003	0.9969	0.9966	0.0003
2024-03-08T10:20:24	4	0	7	6	1	1.0538	1.0527	-0.0011	-0.8032	-0.8056	0.0024
2024-03-08T10:20:43	2	0	403	401	2	1.0645	1.0649	0.0004	0.9779	0.9778	0.0001
2024-03-08T10:20:47	2	0	24	24	0	1.0461	1.0460	-0.0001	-0.9991	-0.9991	0.0000
2024-03-08T10:20:58	3	0	29	21	8	1.0562	1.0555	-0.0006	-0.9427	-0.9448	0.0021
2024-03-08T10:21:10	1	0	8	8	0	1.0506	1.0503	-0.0003	0.9947	0.9958	-0.0011
2024-03-08T10:23:27	1	0	180	177	3	1.0577	1.0577	0.0000	-0.9648	-0.9647	-0.0001
2024-03-08T10:25:02	3	0	1	0	1	1.0554	null	null	-0.9978	-0.9979	0.0001
2024-03-08T10:26:37	1	0	4	4	0	1.0563	1.0561	-0.0003	0.9744	0.9744	0.0000
2024-03-08T10:27:03	1	0	4	4	0	1.0303	1.0301	-0.0002	0.9842	0.984	0.0002
2024-03-08T10:28:19	1	0	5	5	0	1.0379	1.0378	-0.0001	0.9589	0.9588	0.0001
2024-03-08T10:28:58	1	0	33	32	1	1.0509	1.0509	0.0000	0.9986	0.9986	0.0000
2024-03-08T10:29:38	1	0	31	31	0	1.0480	1.0480	0.0000	-0.9922	-0.9922	0.0000
2024-03-08T10:32:31	3	0	32	30	2	1.0498	1.0495	-0.0003	0.9989	0.9988	0.0001
2024-03-08T10:32:45	1	0	1	1	0	1.0580	1.0576	-0.0004	0.9857	0.9856	0.0001
2024-03-08T10:33:21	2	0	11	10	1	1.0522	1.0518	-0.0004	0.9776	0.9773	0.0003
2024-03-08T10:33:53	2	0	9	8	1	1.0465	1.0465	-0.0001	-0.9949	-0.9951	0.0002
2024-03-08T10:34:00	2	0	1	0	1	0.9450	null	null	0.9992	0.9992	0.0000
2024-03-08T10:34:07	2	0	1	1	0	1.0256	1.0251	-0.0005	0.9749	0.9747	0.0002
2024-03-08T10:34:09	1	0	17	16	1	1.0567	1.0567	0.0000	0.982	0.9819	0.0001
2024-03-08T10:34:13	1	0	84	84	0	1.0583	1.0583	0.0000	0.9891	0.989	0.0001
2024-03-08T10:34:39	1	0	1	0	1	1.0397	null	null	0.9955	0.9956	-0.0001
2024-03-08T10:35:21	4	0	4	4	0	1.0123	1.0126	0.0002	0.9787	0.979	-0.0003
2024-03-08T10:35:35	1	0	14	13	1	1.0469	1.0463	-0.0007	0.9979	0.9979	0.0000
2024-03-08T10:35:48	1	0	25	24	1	1.0479	1.0479	0.0000	-0.9983	-0.9983	0.0000
2024-03-08T10:38:28	5	0	191	187	4	1.0580	1.0579	-0.0001	-0.9616	-0.9615	-0.0001
2024-03-08T10:39:41	2	0	69	68	1	1.0537	1.0544	0.0007	0.9667	0.9667	0.0000
2024-03-08T10:40:03	3	0	1	1	0	1.0573	1.0571	-0.0002	-0.9964	-0.9965	0.0001
2024-03-08T10:41:02	1	0	2	2	0	1.0294	1.0288	-0.0007	-0.9852	-0.9851	-0.0001
2024-03-08T10:41:04	1	0	14	13	1	1.0522	1.0516	-0.0006	0.9997	0.9996	0.0001
2024-03-08T10:43:58	2	0	4	4	0	1.0483	1.0481	-0.0002	-0.9956	-0.9957	0.0001
2024-03-08T10:44:02	1	0	2	2	0	1.0417	1.0414	-0.0003	0.9996	0.9996	0.0000
2024-03-08T10:44:28	1	0	12	12	0	1.0467	1.0467	-0.0001	0.9983	0.9983	0.0000
2024-03-08T10:44:39	1	0	32	32	0	1.0480	1.0480	0.0000	-0.9932	-0.9933	0.0001
2024-03-08T10:45:33	1	0	2	2	0	1.0174	1.0171	-0.0003	0.9569	0.9567	0.0002
2024-03-08T10:47:23	1	0	12	12	0	1.0419	1.0418	-0.0001	0.9926	0.9924	0.0002
2024-03-08T10:47:32	1	0	39	38	1	1.0511	1.0511	0.0000	0.9995	0.9995	0.0000
2024-03-08T10:48:18	2	0	25	23	2	0.9555	0.9569	0.0014	0.9415	0.9415	0.0000
2024-03-08T10:48:22	1	0	9	9	0	1.0517	1.0516	-0.0001	0.9666	0.9662	0.0004
2024-03-08T10:49:01	1	0	2	2	0	0.9435	0.9437	0.0002	-1	-1	0.0000
2024-03-08T10:49:40	1	0	2	2	0	1.0399	1.0399	0.0000	0.9966	0.9967	-0.0001
2024-03-08T10:50:13	1	0	19	19	0	1.0540	1.0539	-0.0001	0.9884	0.9877	0.0007
2024-03-08T10:50:22	4	0	3	3	0	1.0330	1.0319	-0.0011	0.9787	0.9785	0.0002
2024-03-08T10:50:23	1	0	3	3	0	1.0491	1.0490	-0.0001	0.9902	0.9899	0.0003
2024-03-08T10:50:45	2	0	472	473	-1	1.0667	1.0662	-0.0005	0.9812	0.9808	0.0004
2024-03-08T10:50:56	1	0	30	29	1	1.0488	1.0487	0.0000	-0.9981	-0.9981	0.0000
2024-03-08T10:51:12	1	0	9	9	0	1.0527	1.0525	-0.0001	-0.9807	-0.9763	-0.0044
2024-03-08T10:53:04	1	0	9	9	0	1.0468	1.0466	-0.0002	0.9733	0.9728	0.0005
2024-03-08T10:53:29	3	0	202	199	3	1.0586	1.0586	0.0000	-0.9635	-0.9634	-0.0001
2024-03-08T10:54:42	2	0	76	76	0	1.0586	1.0586	0.0000	0.9655	0.9656	-0.0001
2024-03-08T10:55:12	1	0	4	4	0	1.0309	1.0309	-0.0001	0.9746	0.9745	0.0001
2024-03-08T10:56:03	1	0	2	2	0	1.0305	1.0301	-0.0004	-0.9836	-0.9837	0.0001
2024-03-08T10:57:01	1	0	16	16	0	0.9210	0.9213	0.0003	0.9897	0.9899	-0.0002
2024-03-08T10:57:56	2	0	4	3	1	1.0565	1.0549	-0.0016	-0.9862	-0.9863	0.0001
2024-03-08T10:58:21	1	0	7	7	0	1.0491	1.0490	-0.0001	0.9882	0.9881	0.0001
2024-03-08T10:58:29	1	0	11	11	0	1.0458	1.0457	-0.0002	0.9965	0.9965	0.0000
2024-03-08T10:58:29	1	0	3	3	0	0.9369	0.9370	0.0001	0.9928	0.9929	-0.0001
2024-03-08T10:59:00	1	0	39	36	3	1.0510	1.0509	0.0000	0.9986	0.9986	0.0000
2024-03-08T10:59:40	1	0	38	37	1	1.0502	1.0500	-0.0001	-0.9879	-0.9879	0.0000
2024-03-08T10:59:51	1	0	39	38	1	1.0539	1.0538	-0.0001	0.9975	0.9975	0.0000
2024-03-08T11:01:44	2	0	1	0	1	1.0315	null	null	0.9708	0.9703	0.0005
2024-03-08T11:01:46	3	0	7	7	0	1.0120	1.0119	-0.0001	0.9919	0.9917	0.0002
2024-03-08T11:02:33	6	0	61	59	2	1.0554	1.0550	-0.0004	0.9991	0.999	0.0001
2024-03-08T11:03:06	3	0	53	51	2	1.0535	1.0536	0.0001	-0.9991	-0.9986	-0.0005
2024-03-08T11:06:02	1	0	36	36	0	1.0494	1.0494	-0.0001	-0.9977	-0.9978	0.0001
2024-03-08T11:08:43	15	0	344	315	29	1.0612	1.0610	-0.0002	-0.9583	-0.9589	0.0006
2024-03-08T11:10:19	1	0	33	32	1	1.0485	1.0482	-0.0003	0.9953	0.9953	0.0000
2024-03-08T11:13:22	1	0	6	6	0	1.0495	1.0494	-0.0001	0.9869	0.9868	0.0001
2024-03-08T11:14:41	1	0	49	48	1	1.0505	1.0503	-0.0002	-0.9911	-0.9911	0.0000
2024-03-08T11:14:52	2	0	25	25	0	1.0512	1.0512	0.0000	0.9969	0.997	-0.0001
2024-03-08T11:15:53	1	0	4	4	0	1.0328	1.0326	-0.0002	0.982	0.9817	0.0003
2024-03-08T11:16:13	1	0	19	19	0	1.0498	1.0497	0.0000	0.9874	0.9873	0.0001
2024-03-08T11:16:45	2	0	1	0	1	1.0327	null	null	0.9766	0.9759	0.0007
2024-03-08T11:17:59	1	0	94	93	1	0.9178	0.9208	0.0029	0.9842	0.9846	-0.0004
2024-03-08T11:19:10	1	0	2	2	0	1.0415	1.0413	-0.0003	0.9791	0.979	0.0001
2024-03-08T11:19:22	1	0	52	49	3	1.0587	1.0586	-0.0001	0.9821	0.9821	0.0000
2024-03-08T11:20:28	1	0	8	8	0	1.0545	1.0545	0.0000	-0.7454	-0.7456	0.0002

2024-03-08T11:22:14	2	0	9	9	0	1.0540	1.0539	-0.0001	0.9946	0.9945	0.0001
2024-03-08T11:23:55	2	0	184	184	0	1.0583	1.0583	0.0000	-0.9621	-0.9619	-0.0002
2024-03-08T11:26:34	1	0	8	8	0	1.0470	1.0467	-0.0004	0.9983	0.9981	0.0002
2024-03-08T11:27:42	1	0	4	4	0	1.0226	1.0226	0.0000	0.9737	0.9738	-0.0001
2024-03-08T11:28:40	1	0	1	0	1	1.0319	null	null	0.9925	0.9924	0.0001
2024-03-08T11:29:01	2	0	2	3	-1	1.0636	1.0519	-0.0117	-0.9855	-0.9855	0.0000
2024-03-08T11:29:05	3	0	3	4	-1	1.0347	1.0397	0.0050	0.9998	0.9998	0.0000
2024-03-08T11:30:59	1	0	1	1	0	1.0393	1.0393	0.0000	0.9831	0.9831	0.0000
2024-03-08T11:31:07	1	0	2	2	0	1.0274	1.0272	-0.0002	0.9978	0.9977	0.0001
2024-03-08T11:31:24	1	0	26	26	0	1.0516	1.0516	0.0000	0.9622	0.9623	-0.0001
2024-03-08T11:32:01	2	0	1	1	0	1.0595	1.0582	-0.0013	0.9795	0.9776	0.0019
2024-03-08T11:32:47	2	0	26	25	1	1.0504	1.0502	-0.0002	0.9811	0.9811	0.0000
2024-03-08T11:34:21	6	0	11	11	0	1.0552	1.0552	-0.0001	0.9977	0.9976	0.0001
2024-03-08T11:34:30	2	0	76	76	0	1.0606	1.0605	-0.0001	0.9787	0.9786	0.0001
2024-03-08T11:35:29	4	0	7	8	-1	1.0537	1.0527	-0.0010	-0.7361	-0.7348	-0.0013
2024-03-08T11:36:11	4	0	36	35	1	1.0492	1.0492	0.0000	-0.9982	-0.9982	0.0000
2024-03-08T11:36:27	1	0	10	10	0	1.0538	1.0538	0.0000	-0.9842	-0.9838	-0.0004
2024-03-08T11:38:31	1	0	1	1	0	1.0345	1.0345	0.0000	0.9999	0.9999	0.0000
2024-03-08T11:39:45	4	0	67	67	0	1.0536	1.0536	0.0000	0.9638	0.9639	-0.0001
2024-03-08T11:42:43	1	0	3	3	0	1.0300	1.0300	0.0000	0.9676	0.9677	-0.0001
2024-03-08T11:42:59	2	0	81	81	0	1.1336	1.1322	-0.0014	-0.9835	-0.9836	0.0001
2024-03-08T11:43:32	1	0	2	2	0	1.0452	1.0452	0.0000	0.9973	0.9974	-0.0001
2024-03-08T11:43:32	2	0	2	2	0	1.0276	1.0276	0.0000	0.9989	0.9989	0.0000
2024-03-08T11:44:06	3	0	5	6	-1	1.0417	1.0439	0.0022	0.9998	0.9998	0.0000
2024-03-08T11:44:27	4	0	7	8	-1	1.0552	1.0553	0.0001	-0.9801	-0.9797	-0.0004
2024-03-08T11:45:13	1	0	17	16	1	1.0487	1.0483	-0.0004	-0.9947	-0.9947	0.0000
2024-03-08T11:46:49	9	0	3	3	0	1.0111	1.0111	0.0000	0.9899	0.99	-0.0001
2024-03-08T11:47:05	2	0	1	1	0	1.0576	1.0567	-0.0009	-0.9981	-0.9981	0.0000
2024-03-08T11:49:14	1	0	17	16	1	1.0584	1.0581	-0.0003	0.9845	0.9843	0.0002
2024-03-08T11:49:36	2	0	76	76	0	1.0613	1.0612	-0.0001	0.979	0.979	0.0000
2024-03-08T11:52:16	4	0	2	3	-1	1.0601	1.0587	-0.0014	0.995	0.9842	0.0108
2024-03-08T11:54:46	4	0	95	94	1	1.0576	1.0576	0.0000	0.964	0.9641	-0.0001
2024-03-08T11:57:44	1	0	5	5	0	1.0220	1.0220	0.0000	0.9673	0.9674	-0.0001
2024-03-08T11:58:33	2	0	2	2	0	1.0279	1.0278	-0.0001	0.9983	0.9983	0.0000
2024-03-08T11:58:49	1	0	1	0	1	1.0310	null	null	0.9924	0.9926	-0.0002
2024-03-08T11:59:03	2	0	1	1	0	1.1086	1.1086	0.0000	-0.9988	-0.9987	-0.0001
2024-03-08T11:59:07	3	0	4	5	-1	1.0393	1.0433	0.0040	0.9998	0.9998	0.0000
2024-03-08T11:59:28	4	0	8	9	-1	1.0548	1.0539	-0.0009	-0.9826	-0.9822	-0.0004
2024-03-08T11:59:44	1	0	63	63	0	1.0510	1.0509	-0.0001	-0.9901	-0.9901	0.0000
2024-03-08T12:02:49	3	0	33	32	1	1.0520	1.0518	-0.0002	0.9791	0.979	0.0001
2024-03-08T12:04:12	2	0	3	2	1	1.0472	1.0413	-0.0059	0.9399	0.9398	0.0001
2024-03-08T12:09:47	4	0	94	94	0	1.0578	1.0578	0.0000	0.9599	0.9637	-0.0038
2024-03-08T12:13:06	1	0	33	32	1	1.0488	1.0486	-0.0002	-0.9978	-0.9978	0.0000
2024-03-08T12:13:50	2	0	3	3	0	1.0301	1.0299	-0.0002	0.9923	0.9924	-0.0001
2024-03-08T12:15:38	1	0	55	55	0	1.0526	1.0526	0.0000	0.9817	0.9817	0.0000
2024-03-08T12:16:17	1	0	141	140	1	1.0628	1.0627	-0.0001	-0.9256	-0.9259	0.0003
2024-03-08T12:16:49	2	0	7	8	-1	1.0471	1.0469	-0.0002	0.9914	0.9916	-0.0002
2024-03-08T12:18:25	1	0	48	46	2	1.0514	1.0510	-0.0004	0.8603	0.8692	-0.0089
2024-03-08T12:21:01	1	0	4	4	0	1.0419	1.0418	-0.0001	0.9951	0.995	0.0001
2024-03-08T12:28:02	2	0	1	1	0	1.0578	1.0578	0.0000	1	1	0.0000
2024-03-08T12:28:07	5	0	39	37	2	1.0490	1.0487	-0.0004	-0.9974	-0.9973	-0.0001
2024-03-08T12:31:59	8	0	3	4	-1	1.0131	1.0166	0.0035	0.9893	0.9894	-0.0001
2024-03-08T12:34:19	1	0	290	292	-2	1.0694	1.0694	0.0000	0.9877	0.9878	-0.0001
2024-03-08T12:37:21	3	0	7	8	-1	1.0535	1.0539	0.0004	0.9873	0.9873	0.0000
2024-03-08T12:44:06	2	0	1	1	0	1.1096	1.1096	0.0000	-0.9996	-0.9995	-0.0001
2024-03-08T12:45:13	5	0	6	5	1	1.0545	1.0529	-0.0015	0.9653	0.9652	0.0001
2024-03-08T12:46:29	1	0	26	26	0	1.0522	1.0523	0.0001	0.9718	0.9723	-0.0005
2024-03-08T12:50:34	4	0	8	10	-2	1.0557	1.0560	0.0002	-0.7163	-0.7125	-0.0038
2024-03-08T12:59:11	3	0	5	4	1	1.0446	1.0394	-0.0052	0.9999	0.9999	0.0000
2024-03-08T13:01:52	2	0	7	7	0	1.0457	1.0454	-0.0004	0.993	0.9928	0.0002
2024-03-08T13:05:08	1	0	4	3	1	1.0481	1.0453	-0.0029	0.9603	0.96	0.0003
2024-03-08T13:17:09	1	0	5	6	-1	1.0169	1.0166	-0.0002	0.9896	0.9896	0.0000
2024-03-08T13:17:54	3	0	38	37	1	1.0522	1.0522	-0.0001	0.9798	0.9798	0.0000
2024-03-08T13:23:20	1	0	22	22	0	1.0417	1.0416	-0.0001	-0.9868	-0.9868	0.0000
2024-03-08T13:24:52	1	0	125	125	0	1.0568	1.0567	0.0000	0.9618	0.9657	-0.0039
2024-03-08T13:32:12	2	0	1	0	1	1.0583	null	null	-0.9983	-0.9982	-0.0001
2024-03-08T13:32:55	2	0	37	36	1	1.0535	1.0534	-0.0001	0.9773	0.9773	0.0000
2024-03-08T13:34:12	1	0	83	83	0	1.0616	1.0616	0.0000	0.991	0.991	0.0000
2024-03-08T13:38:21	1	0	37	37	0	1.0487	1.0485	-0.0001	-0.9858	-0.9858	0.0000
2024-03-08T13:51:00	2	0	4	4	0	1.0566	1.0562	-0.0004	0.997	0.997	0.0000
2024-03-08T13:52:26	1	0	62	62	0	1.0570	1.0569	-0.0001	0.9998	0.9998	0.0000
2024-03-08T13:53:22	1	0	37	36	1	1.0506	1.0503	-0.0003	-0.9865	-0.9865	0.0000
2024-03-08T13:54:52	1	0	13	12	1	1.0531	1.0530	-0.0002	-0.9739	-0.9739	0.0000
2024-03-08T13:58:08	1	0	59	45	14	1.0591	1.0583	-0.0007	-0.9993	-0.9993	0.0000
2024-03-08T13:59:52	1	0	87	87	0	1.0532	1.0531	-0.0001	-0.9915	-0.9916	0.0001
2024-03-08T14:00:45	1	0	64	62	2	1.0529	1.0528	-0.0001	0.9795	0.9795	0.0000
2024-03-08T14:01:34	1	0	28	28	0	1.0525	1.0525	0.0000	0.97	0.9698	0.0002
2024-03-08T14:02:12	2	0	3	3	0	1.0079	1.0078	-0.0001	0.9889	0.9889	0.0000
2024-03-08T14:02:14	2	0	1	1	0	1.0556	1.0554	-0.0002	-0.9984	-0.9984	0.0000
2024-03-08T14:03:01	3	0	56	53	3	1.0536	1.0535	-0.0001	0.9803	0.9802	0.0001
2024-03-08T14:03:33	2	0	19	20	-1	1.0391	1.0399	0.0007	0.9838	0.9837	0.0001
2024-03-08T14:03:33	2	0	11	10	1	1.0505	1.0496	-0.0010	0.9729	0.9728	0.0001
2024-03-08T14:03:58	1	0	4	4	0	1.0502	1.0501	-0.0001	0.9616	0.9615	0.0001
2024-03-08T14:04:14	1	0	82	82	0	1.0619	1.0619	0.0000	0.992	0.9919	0.0001
2024-03-08T14:04:53	2	0	13	13	0	1.0367	1.0366	0.0000	0.9961	0.9962	-0.0001

2024-03-08T14:05:12	1	0	2	2	0	1.0451	1.0449	-0.0002	0.9621	0.9613	0.0008
2024-03-08T14:05:49	1	0	33	33	0	1.0532	1.0532	-0.0001	1	1	0.0000
2024-03-08T14:06:22	2	0	12	10	2	1.0545	1.0537	-0.0009	0.9936	0.9933	0.0003
2024-03-08T14:08:51	1	0	5	5	0	1.0225	1.0225	0.0000	0.9599	0.9598	0.0001
2024-03-08T14:09:55	1	0	93	91	2	1.0548	1.0548	0.0000	0.9634	0.9634	0.0000
2024-03-08T14:10:23	8	0	12	11	1	1.0502	1.0505	0.0003	-0.9869	-0.9871	0.0002
2024-03-08T14:11:46	2	0	24	24	0	1.0444	1.0442	-0.0002	0.994	0.9938	0.0002
2024-03-08T14:12:14	2	0	4	4	0	1.0473	1.0472	-0.0002	0.9859	0.9855	0.0004
2024-03-08T14:14:17	3	0	7	9	-2	1.0372	1.0386	0.0014	0.9998	0.9998	0.0000
2024-03-08T14:14:37	4	0	9	9	0	1.0535	1.0533	-0.0002	-0.9712	-0.9716	0.0004
2024-03-08T14:14:42	1	0	4	5	-1	1.0446	1.0447	0.0001	0.9983	0.9983	0.0000
2024-03-08T14:16:09	1	0	9	9	0	1.0459	1.0459	0.0000	0.9883	0.9884	-0.0001
2024-03-08T14:16:35	1	0	26	26	0	1.0525	1.0525	0.0000	0.9696	0.9695	0.0001
2024-03-08T14:16:57	2	0	4	5	-1	1.0449	1.0452	0.0003	0.994	0.994	0.0000
2024-03-08T14:17:13	7	0	5	5	0	1.0126	1.0123	-0.0003	0.989	0.9888	0.0002
2024-03-08T14:17:13	2	0	1	1	0	1.0566	1.0565	-0.0001	0.981	0.9809	0.0001
2024-03-08T14:17:15	2	0	1	1	0	1.0570	1.0567	-0.0003	-0.9981	-0.9981	0.0000
2024-03-08T14:18:06	3	0	43	43	0	1.0529	1.0528	0.0000	0.9769	0.9769	0.0000
2024-03-08T14:18:34	2	0	19	19	0	1.0391	1.0391	0.0000	0.9847	0.9846	0.0001
2024-03-08T14:18:34	1	0	26	25	1	1.0520	1.0519	-0.0002	0.9714	0.9714	0.0000
2024-03-08T14:19:15	3	0	88	86	2	0.9258	0.9259	0.0001	0.982	0.9818	0.0002
2024-03-08T14:19:21	1	0	81	81	0	1.0652	1.0651	-0.0001	0.9915	0.9914	0.0001
2024-03-08T14:19:26	1	0	59	58	1	1.0606	1.0604	-0.0002	0.9877	0.9838	0.0039
2024-03-08T14:19:30	1	0	43	43	0	1.0528	1.0527	-0.0001	-0.974	-0.974	0.0000
2024-03-08T14:20:19	4	0	18	18	0	1.0489	1.0487	-0.0002	0.9861	0.9855	0.0006
2024-03-08T14:20:36	6	0	1	1	0	1.0390	1.0387	-0.0003	0.9829	0.9855	-0.0026
2024-03-08T14:20:50	4	0	34	32	2	1.0541	1.0540	0.0000	-0.9993	-0.9993	0.0000
2024-03-08T14:21:23	2	0	1	1	0	1.0571	1.0569	-0.0002	0.9789	0.9786	0.0003
2024-03-08T14:21:28	1	0	55	53	2	1.0517	1.0517	0.0000	-0.9947	-0.9947	0.0000
2024-03-08T14:21:41	1	0	2	3	-1	1.0692	1.0610	-0.0082	-0.9472	-0.9489	0.0017
2024-03-08T14:22:11	2	0	17	17	0	1.1322	1.1311	-0.0011	0.9052	0.9031	0.0021
2024-03-08T14:22:28	2	0	11	11	0	1.0516	1.0514	-0.0002	0.9919	0.9918	0.0001
2024-03-08T14:24:20	15	0	300	294	6	1.0629	1.0629	0.0000	-0.9601	-0.9601	0.0000
2024-03-08T14:24:56	1	0	90	90	0	1.0539	1.0539	0.0000	0.9597	0.9637	-0.0040
2024-03-08T14:25:24	8	0	9	9	0	1.0487	1.0484	-0.0003	-0.9865	-0.9869	0.0004
2024-03-08T14:26:17	4	0	1	1	0	1.0403	1.0399	-0.0004	-0.9838	-0.9761	-0.0077
2024-03-08T14:27:15	1	0	4	4	0	1.0469	1.0468	-0.0001	0.9867	0.9866	0.0001
2024-03-08T14:27:23	2	0	15	15	0	1.0554	1.0554	0.0000	0.988	0.988	0.0000
2024-03-08T14:27:45	1	0	4	4	0	1.0472	1.0472	0.0000	0.9895	0.9896	-0.0001
2024-03-08T14:28:35	5	0	25	24	1	1.0504	1.0514	0.0011	0.9885	0.9886	-0.0001
2024-03-08T14:28:43	1	0	12	12	0	1.0469	1.0468	-0.0001	0.9969	0.9969	0.0000
2024-03-08T14:29:13	2	0	5	5	0	1.0563	1.0562	-0.0001	-0.9942	-0.9944	0.0002
2024-03-08T14:29:14	2	0	36	36	0	1.0543	1.0543	0.0000	1	1	0.0000
2024-03-08T14:29:17	3	0	7	8	-1	1.0370	1.0358	-0.0012	0.9999	0.9999	0.0000
2024-03-08T14:29:30	1	0	4	4	0	1.0330	1.0328	-0.0001	0.9927	0.9927	0.0000
2024-03-08T14:29:38	4	0	11	11	0	1.0545	1.0544	-0.0002	-0.9677	-0.968	0.0003
2024-03-08T14:29:43	1	0	7	7	0	1.0470	1.0470	0.0000	0.9987	0.9987	0.0000
2024-03-08T14:29:54	3	0	97	96	1	1.0532	1.0531	-0.0001	-0.9929	-0.993	0.0001
2024-03-08T14:30:47	3	0	78	76	2	1.0537	1.0536	-0.0001	0.9805	0.9805	0.0000
2024-03-08T14:31:36	1	0	28	28	0	1.0529	1.0528	0.0000	0.969	0.9688	0.0002
2024-03-08T14:31:58	2	0	5	5	0	1.0454	1.0453	-0.0001	0.9948	0.9947	0.0001
2024-03-08T14:32:15	1	0	1	1	0	1.0572	1.0568	-0.0004	0.9839	0.9834	0.0005
2024-03-08T14:32:21	3	0	4	4	0	1.0155	1.0153	-0.0002	0.9904	0.9903	0.0001
2024-03-08T14:32:23	1	0	1	1	0	1.0583	1.0580	-0.0003	0.9976	0.9976	0.0000
2024-03-08T14:32:58	3	0	59	58	1	1.0544	1.0543	-0.0001	1	1	0.0000
2024-03-08T14:33:35	6	0	18	18	0	1.0393	1.0392	-0.0001	0.9838	0.9834	0.0004
2024-03-08T14:34:27	2	0	48	47	1	1.0584	1.0581	-0.0002	0.9839	0.9795	0.0044
2024-03-08T14:34:30	2	0	1	1	0	0.9439	0.9441	0.0002	0.9864	0.9863	0.0001
2024-03-08T14:34:31	2	0	87	87	0	1.0645	1.0644	-0.0001	0.9919	0.9919	0.0000
2024-03-08T14:34:33	6	0	22	22	0	1.0538	1.0537	-0.0001	0.9989	0.9989	0.0000
2024-03-08T14:34:35	1	0	32	32	0	1.0529	1.0528	0.0000	-0.9742	-0.9741	-0.0001
2024-03-08T14:34:55	2	0	16	15	1	1.0410	1.0413	0.0003	0.9974	0.9974	0.0000
2024-03-08T14:35:14	1	0	2	2	0	1.0453	1.0451	-0.0003	0.9603	0.9596	0.0007
2024-03-08T14:35:20	5	0	23	22	1	1.0496	1.0492	-0.0004	0.9856	0.9855	0.0001
2024-03-08T14:35:39	2	0	1	1	0	1.0214	1.0209	-0.0005	0.985	0.9852	-0.0002
2024-03-08T14:36:25	2	0	1	1	0	1.0580	1.0579	-0.0001	0.9789	0.9788	0.0001
2024-03-08T14:36:29	2	0	63	59	4	1.0524	1.0524	0.0000	-0.9936	-0.9936	0.0000
2024-03-08T14:36:45	2	0	6	6	0	1.0528	1.0526	-0.0002	-0.9746	-0.9774	0.0028
2024-03-08T14:37:04	2	0	32	30	2	1.0538	1.0591	0.0054	-0.9994	-0.9995	0.0001
2024-03-08T14:37:12	2	0	6	6	0	1.0319	1.0319	0.0000	0.8185	0.8181	0.0004
2024-03-08T14:37:29	3	0	14	14	0	1.0502	1.0501	-0.0001	0.9982	0.9982	0.0000
2024-03-08T14:38:53	1	0	6	6	0	1.0180	1.0179	-0.0001	0.9605	0.9604	0.0001
2024-03-08T14:39:35	7	0	249	245	4	1.0617	1.0617	0.0000	-0.9591	-0.9591	0.0000
2024-03-08T14:39:55	1	0	10	10	0	1.0514	1.0514	-0.0001	-0.9696	-0.9705	0.0009
2024-03-08T14:41:48	2	0	23	23	0	1.0456	1.0455	-0.0001	0.9939	0.9939	0.0000
2024-03-08T14:42:16	1	0	3	3	0	1.0461	1.0460	0.0000	0.9877	0.9876	0.0001
2024-03-08T14:42:18	2	0	29	27	2	1.0587	1.0587	0.0000	0.9716	0.9716	0.0000
2024-03-08T14:42:24	1	0	2	2	0	1.0357	1.0354	-0.0004	0.9808	0.9807	0.0001
2024-03-08T14:43:36	3	0	12	12	0	1.0485	1.0485	0.0000	0.9853	0.9852	0.0001
2024-03-08T14:43:40	1	0	1	1	0	1.0385	1.0380	-0.0005	0.9868	0.9865	0.0003
2024-03-08T14:43:44	1	0	7	7	0	1.0458	1.0458	0.0000	0.997	0.997	0.0000
2024-03-08T14:44:14	2	0	2	2	0	1.0710	1.0709	-0.0001	-0.9925	-0.9925	0.0000
2024-03-08T14:44:15	1	0	31	31	0	1.0521	1.0521	0.0000	0.9996	0.9996	0.0000
2024-03-08T14:44:19	1	0	5	5	0	1.0390	1.0389	-0.0001	0.9998	0.9998	0.0000
2024-03-08T14:44:35	1	0	4	4	0	1.0327	1.0326	-0.0001	0.9926	0.9928	-0.0002

2024-03-08T14:44:39	4	0	9	9	0	1.0553	1.0552	-0.0001	-0.9687	-0.9688	0.0001
2024-03-08T14:44:55	3	0	131	130	1	1.0542	1.0542	0.0000	-0.9913	-0.9913	0.0000
2024-03-08T14:46:59	2	0	5	5	0	1.0461	1.0460	0.0000	0.9949	0.9948	0.0001
2024-03-08T14:47:32	4	0	4	4	0	1.0097	1.0095	-0.0002	0.9895	0.9894	0.0001
2024-03-08T14:48:08	6	0	54	52	2	1.0535	1.0534	-0.0001	0.9808	0.9807	0.0001
2024-03-08T14:48:24	1	0	2	1	1	1.0597	1.0556	-0.0040	0.9692	0.9649	0.0043
2024-03-08T14:49:28	1	0	71	70	1	1.0602	1.0601	-0.0001	0.9866	0.9865	0.0001
2024-03-08T14:49:30	5	0	51	51	0	0.9419	0.9352	-0.0067	0.9835	0.983	0.0005
2024-03-08T14:51:30	2	0	75	72	3	1.0534	1.0534	0.0000	-0.9916	-0.9916	0.0000
2024-03-08T14:53:08	1	0	19	19	0	1.0479	1.0478	-0.0001	0.9964	0.9963	0.0001
2024-03-08T14:53:31	1	0	29	28	1	1.0521	1.0519	-0.0002	0.9728	0.9726	0.0002
2024-03-08T14:54:48	5	0	317	308	9	1.0627	1.0627	0.0000	-0.9604	-0.9605	0.0001
2024-03-08T14:55:26	3	0	4	4	0	1.0517	1.0517	0.0000	-0.9883	-0.9883	0.0000
2024-03-08T14:56:25	3	0	1	1	0	1.0373	1.0366	-0.0007	-0.9793	-0.9792	-0.0001
2024-03-08T14:59:22	2	0	5	5	0	1.0377	1.0373	-0.0004	0.9998	0.9998	0.0000
2024-03-08T14:59:44	1	0	5	5	0	1.0335	1.0333	-0.0002	0.9927	0.9926	0.0001
2024-03-08T14:59:45	1	0	3	3	0	1.0442	1.0442	0.0000	0.9984	0.9984	0.0000
2024-03-08T15:02:21	1	0	1	0	1	1.0552	null	null	0.9843	0.9841	0.0002
2024-03-08T15:03:37	1	0	18	18	0	1.0389	1.0388	0.0000	0.9847	0.9846	0.0001
2024-03-08T15:05:43	3	0	13	10	3	1.0540	1.0538	-0.0001	-0.7392	-0.7417	0.0025
2024-03-08T15:06:39	3	0	113	107	6	1.0560	1.0559	0.0000	-0.9907	-0.9907	0.0000
2024-03-08T15:08:27	1	0	26	23	3	1.0528	1.0522	-0.0006	-0.9915	-0.991	-0.0005
2024-03-08T15:09:48	1	0	6	6	0	1.0397	1.0396	-0.0002	0.9919	0.9919	0.0000
2024-03-08T15:09:59	1	0	105	105	0	1.0570	1.0570	0.0000	0.9622	0.9622	0.0000
2024-03-08T15:10:00	4	0	325	317	8	1.0632	1.0632	0.0000	-0.9564	-0.9564	0.0000
2024-03-08T15:11:25	1	0	3	3	0	1.0295	1.0294	0.0000	-0.973	-0.9727	-0.0003
2024-03-08T15:13:17	1	0	80	80	0	1.1403	1.1394	-0.0009	-0.9997	-0.9997	0.0000
2024-03-08T15:15:50	1	0	71	70	1	1.0535	1.0534	-0.0001	0.9788	0.9788	0.0000
2024-03-08T15:17:49	1	0	6	6	0	1.0113	1.0111	-0.0002	0.9898	0.9897	0.0001
2024-03-08T15:18:37	2	0	3	3	0	1.0350	1.0347	-0.0002	0.9958	0.9954	0.0004
2024-03-08T15:21:40	2	0	254	251	3	1.0574	1.0574	0.0000	-0.9881	-0.9881	0.0000
2024-03-08T15:23:28	1	0	16	15	1	1.0504	1.0499	-0.0005	-0.9927	-0.9922	-0.0005
2024-03-08T15:23:46	5	0	3	2	1	1.0364	1.0369	0.0005	-1	-1	0.0000
2024-03-08T15:30:13	1	0	2	2	0	1.0560	1.0558	-0.0002	0.9866	0.9865	0.0001
2024-03-08T15:36:41	1	0	211	210	1	1.0569	1.0569	0.0000	-0.987	-0.987	0.0000
2024-03-08T15:38:47	1	0	22	21	1	1.0482	1.0477	-0.0004	-0.9903	-0.9898	-0.0005
2024-03-08T15:43:48	1	0	3	3	0	0.9392	0.9393	0.0001	0.996	0.996	0.0000
2024-03-08T15:48:57	1	0	18	19	-1	1.0361	1.0313	-0.0048	0.986	0.9859	0.0001
2024-03-08T15:49:34	1	0	1	1	0	1.0149	1.0146	-0.0003	0.988	0.9879	0.0001
2024-03-08T15:53:48	1	0	25	23	2	1.0516	1.0512	-0.0004	-0.9882	-0.9877	-0.0005
2024-03-08T16:00:00	1	0	44	43	1	1.0507	1.0510	0.0003	-0.988	-0.9881	0.0001
2024-03-08T16:04:39	1	0	9	9	0	1.0475	1.0474	-0.0001	0.9987	0.9987	0.0000
2024-03-08T16:06:57	2	0	2	2	0	1.0372	1.0372	0.0000	0.9951	0.9948	0.0003
2024-03-08T16:16:34	3	0	30	30	0	1.0535	1.0531	-0.0004	-0.973	-0.9733	0.0003
2024-03-08T16:21:58	1	0	1	1	0	1.0360	1.0360	0.0000	0.9957	0.9956	0.0001
2024-03-08T16:38:04	3	0	1	1	0	1.0129	1.0121	-0.0008	0.9847	0.9848	-0.0001
2024-03-08T17:23:08	1	0	3	0	3	0.9591	null	null	0.9861	0.984	0.0021
2024-03-08T17:39:07	1	0	62	62	0	1.0524	1.0523	0.0000	-0.9922	-0.9922	0.0000
2024-03-09T08:43:32	1	0	64	64	0	1.0556	1.0556	-0.0001	0.994	0.994	0.0000
2024-03-09T09:01:36	1	0	3	3	0	1.0022	1.0022	0.0000	0.9995	0.9995	0.0000
2024-03-09T09:22:26	3	0	3	3	0	1.0232	1.0230	-0.0002	0.9978	0.9979	-0.0001
2024-03-09T09:24:58	1	0	1	1	0	1.0346	1.0342	-0.0004	0.995	0.9949	0.0001
2024-03-09T09:31:22	1	0	1	1	0	0.9791	0.9796	0.0005	-1	-1	0.0000
2024-03-09T09:35:58	2	0	9	9	0	1.0425	1.0424	-0.0001	-0.9998	-0.9998	0.0000
2024-03-09T09:36:06	7	0	1	1	0	0.9639	0.9652	0.0013	-0.9998	-0.9998	0.0000
2024-03-09T09:36:06	1	0	26	25	1	0.9630	0.9602	-0.0028	0.9896	0.9838	0.0058
2024-03-09T09:37:12	1	0	10	10	0	1.0564	1.0561	-0.0003	-0.9888	-0.9888	0.0000
2024-03-09T09:46:24	1	0	11	11	0	1.0174	1.0174	-0.0001	0.9891	0.989	0.0001
2024-03-09T09:46:41	1	0	1	0	1	0.9447	null	null	0.991	0.9911	-0.0001
2024-03-09T09:48:01	1	0	2	2	0	0.9592	0.9596	0.0004	0.9822	0.9823	-0.0001
2024-03-09T09:51:03	1	0	24	23	1	1.0501	1.0498	-0.0003	-0.9999	-0.9999	0.0000
2024-03-09T09:51:07	2	0	26	22	4	0.9374	0.9378	0.0005	0.9846	0.9778	0.0068
2024-03-09T09:51:07	2	0	1	1	0	0.9709	0.9715	0.0006	-0.9999	-1	0.0001
2024-03-09T09:52:28	10	0	2	2	0	1.0164	1.0153	-0.0011	0.9967	0.9965	0.0002
2024-03-09T09:52:42	1	0	87	86	1	0.9208	0.9211	0.0003	0.9937	0.9937	0.0000
2024-03-09T09:53:10	1	0	24	19	5	1.0546	1.0544	-0.0002	-0.9952	-0.9952	0.0000
2024-03-09T09:53:32	2	0	1	1	0	0.9675	0.9685	0.0010	0.9884	0.9885	-0.0001
2024-03-09T09:58:03	1	0	2	2	0	0.9939	0.9941	0.0002	0.9778	0.9779	-0.0001
2024-03-09T09:58:37	1	0	24	23	1	1.0524	1.0522	-0.0002	0.9947	0.9947	0.0000
2024-03-09T09:59:35	1	0	1	1	0	1.0634	1.0630	-0.0004	-0.9943	-0.9942	-0.0001
2024-03-09T10:02:24	1	0	1	1	0	1.0418	1.0410	-0.0008	-0.9992	-0.9992	0.0000
2024-03-09T10:02:54	1	0	1	1	0	1.0403	1.0401	-0.0002	0.9832	0.9831	0.0001
2024-03-09T10:06:08	1	0	1	1	0	0.9669	0.9673	0.0004	-0.9998	-0.9999	0.0001
2024-03-09T10:06:10	1	0	6	6	0	1.0491	1.0487	-0.0004	0.9891	0.989	0.0001
2024-03-09T10:10:01	1	0	1	1	0	1.0380	1.0376	-0.0004	0.9954	0.9953	0.0001
2024-03-09T10:10:02	2	0	17	17	0	1.0144	1.0144	0.0001	0.9701	0.9701	0.0000
2024-03-09T10:10:47	1	0	1	1	0	1.0383	1.0380	-0.0003	-0.9986	-0.9986	0.0000
2024-03-09T10:11:35	1	0	1	1	0	0.9443	0.9446	0.0003	0.9943	0.9945	-0.0002
2024-03-09T10:13:04	1	0	1	1	0	0.9983	0.9986	0.0003	-0.9725	-0.9723	-0.0002
2024-03-09T10:13:38	1	0	36	35	1	1.0543	1.0542	-0.0001	0.9943	0.9943	0.0000
2024-03-09T10:14:24	1	0	1	0	1	1.0451	null	null	-0.9901	-0.99	-0.0001
2024-03-09T10:15:54	3	0	1	0	1	1.0571	null	null	-0.9948	-0.9948	0.0000
2024-03-09T10:16:41	2	0	5	5	0	1.0151	1.0148	-0.0003	0.9984	0.9983	0.0001
2024-03-09T10:17:02	1	0	2	2	0	1.0255	1.0250	-0.0004	-0.9682	-0.9701	0.0019
2024-03-09T10:17:35	1	0	4	4	0	1.0152	1.0153	0.0001	-1	-1	0.0000

2024-03-09T10:20:52	1	0	8	7	1	1.0534	1.0522	-0.0012	-0.9018	-0.9023	0.0005
2024-03-09T10:21:11	1	0	9	9	0	1.0414	1.0413	-0.0002	0.9884	0.9884	0.0000
2024-03-09T10:22:35	2	0	1	1	0	1.0216	1.0213	-0.0003	0.9969	0.9969	0.0000
2024-03-09T10:26:13	3	0	223	210	13	1.0603	1.0600	-0.0003	0.9989	0.9989	0.0000
2024-03-09T10:28:05	2	0	1	1	0	0.9931	0.9937	0.0006	-0.9767	-0.9766	-0.0001
2024-03-09T10:29:57	1	0	8	8	0	1.0461	1.0460	-0.0001	-0.995	-0.9951	0.0001
2024-03-09T10:34:27	2	0	1	1	0	1.0234	1.0228	-0.0006	-0.9992	-0.9993	0.0001
2024-03-09T10:34:38	3	0	1	1	0	1.0467	1.0461	-0.0006	-0.994	-0.9941	0.0001
2024-03-09T10:36:06	1	0	27	26	1	1.0482	1.0478	-0.0003	-1	-1	0.0000
2024-03-09T10:36:10	7	0	1	0	1	1.0563	null	null	-0.9985	-0.9985	0.0000
2024-03-09T10:37:47	2	0	58	58	0	0.9277	0.9278	0.0000	0.9923	0.9926	-0.0003
2024-03-09T10:38:13	3	0	18	15	3	0.9849	0.9861	0.0012	-0.9994	-0.9994	0.0000
2024-03-09T10:40:04	2	0	17	17	0	1.0166	1.0166	0.0000	0.9708	0.9709	-0.0001
2024-03-09T10:40:26	1	0	4	4	0	1.0257	1.0256	-0.0001	0.9554	0.9555	-0.0001
2024-03-09T10:42:06	1	0	4	4	0	1.0451	1.0449	-0.0002	0.9906	0.9905	0.0001
2024-03-09T10:43:45	2	0	10	10	0	1.0440	1.0439	-0.0001	0.9881	0.988	0.0001
2024-03-09T10:44:28	1	0	1	1	0	0.9771	0.9774	0.0003	0.9881	0.9884	-0.0003
2024-03-09T10:44:58	1	0	11	11	0	1.0463	1.0463	0.0000	-0.9952	-0.9952	0.0000
2024-03-09T10:46:28	1	0	66	65	1	0.9419	0.9422	0.0003	0.9382	0.9378	0.0004
2024-03-09T10:46:59	1	0	5	5	0	1.0157	1.0155	-0.0002	0.9984	0.9984	0.0000
2024-03-09T10:47:04	2	0	2	1	1	1.0050	1.0199	0.0148	-0.9783	-0.9777	-0.0006
2024-03-09T10:47:37	1	0	3	3	0	1.0307	1.0305	-0.0002	-1	-1	0.0000
2024-03-09T10:47:47	3	0	1	0	1	1.0293	null	null	1	1	0.0000
2024-03-09T10:48:05	1	0	1	0	1	1.0563	null	null	0.9977	0.9977	0.0000
2024-03-09T10:49:31	1	0	4	4	0	1.0425	1.0425	-0.0001	-0.9798	-0.9798	0.0000
2024-03-09T10:52:55	1	0	2	2	0	1.0147	1.0144	-0.0003	0.9979	0.9981	-0.0002
2024-03-09T10:55:23	2	0	1	1	0	1.0557	1.0554	-0.0003	-0.9943	-0.9943	0.0000
2024-03-09T10:56:27	5	0	4	4	0	0.9992	0.9985	-0.0007	-0.9945	-0.9948	0.0003
2024-03-09T11:00:12	1	0	2	2	0	1.0510	1.0508	-0.0003	0.999	0.9989	0.0001
2024-03-09T11:04:14	2	0	1	1	0	1.0462	1.0451	-0.0011	-0.9851	-0.9858	0.0007
2024-03-09T11:14:30	1	0	1	1	0	0.9810	0.9814	0.0004	0.9886	0.9889	-0.0003
2024-03-09T11:15:58	2	0	5	5	0	1.0263	1.0260	-0.0003	0.9817	0.9814	0.0003
2024-03-09T11:23:11	3	0	1	1	0	1.0232	1.0229	-0.0003	0.9967	0.9969	-0.0002
2024-03-09T11:26:32	1	0	2	3	-1	1.0202	1.0173	-0.0029	-0.9959	-0.9955	-0.0004
2024-03-09T11:29:31	1	0	1	1	0	0.9787	0.9790	0.0003	0.9873	0.9877	-0.0004
2024-03-09T11:30:04	3	0	2	2	0	1.0592	1.0576	-0.0016	0.9991	0.9991	0.0000
2024-03-09T11:31:31	1	0	4	4	0	0.9949	0.9949	0.0000	0.9927	0.9928	-0.0001
2024-03-09T11:32:07	3	0	3	3	0	1.0171	1.0172	0.0001	-0.9714	-0.9708	-0.0006
2024-03-09T11:32:22	3	0	5	5	0	1.0156	1.0155	-0.0001	0.998	0.998	0.0000
2024-03-09T11:32:36	1	0	1	1	0	1.0416	1.0414	-0.0002	-0.9996	-0.9996	0.0000
2024-03-09T11:34:34	1	0	3	3	0	1.0453	1.0453	0.0000	-0.9825	-0.9824	-0.0001
2024-03-09T11:36:10	4	0	28	27	1	1.0513	1.0511	-0.0002	-0.9999	-0.9999	0.0000
2024-03-09T11:36:14	10	0	1	0	1	1.0592	null	null	-0.9981	-0.9986	0.0005
2024-03-09T11:36:39	1	0	2	2	0	1.0667	1.0661	-0.0007	-0.8129	-0.8156	0.0027
2024-03-09T11:37:25	2	0	1	1	0	1.0563	1.0553	-0.0010	0.9887	0.9883	0.0004
2024-03-09T11:38:18	12	0	1	1	0	1.0163	1.0160	-0.0003	0.9973	0.9973	0.0000
2024-03-09T11:40:53	2	0	2	2	0	1.0466	1.0465	-0.0001	-0.9983	-0.9983	0.0000
2024-03-09T11:41:50	3	0	163	165	-2	1.0595	1.0592	-0.0002	0.999	0.999	0.0000
2024-03-09T11:45:15	1	0	1	1	0	1.0698	1.0698	0.0000	0.9994	0.9995	-0.0001
2024-03-09T11:46:32	1	0	8	8	0	0.9670	0.9670	0.0000	0.9933	0.9934	-0.0001
2024-03-09T11:47:30	4	0	5	5	0	1.0148	1.0148	0.0000	0.998	0.998	0.0000
2024-03-09T11:47:38	1	0	1	1	0	1.0409	1.0409	0.0000	-0.9994	-0.9994	0.0000
2024-03-09T11:48:34	1	0	1	1	0	1.0560	1.0553	-0.0007	0.954	0.9538	0.0002
2024-03-09T11:49:39	1	0	3	3	0	1.0475	1.0475	0.0000	-0.9843	-0.9843	0.0000
2024-03-09T11:49:53	1	0	64	61	3	0.9428	0.9430	0.0002	0.9959	0.9959	0.0000
2024-03-09T11:50:59	4	0	9	10	-1	1.0553	1.0554	0.0001	-0.9066	-0.907	0.0004
2024-03-09T11:51:12	1	0	4	4	0	0.9667	0.9666	-0.0001	0.9828	0.9828	0.0000
2024-03-09T11:55:31	1	0	4	4	0	1.0252	1.0252	0.0000	0.9553	0.9555	-0.0002
2024-03-09T11:56:55	3	0	159	161	-2	1.0592	1.0590	-0.0002	0.9991	0.9991	0.0000
2024-03-09T12:00:06	3	0	2	2	0	1.0608	1.0587	-0.0021	0.9991	0.9993	-0.0002
2024-03-09T12:00:16	1	0	1	1	0	1.0746	1.0746	0.0000	0.9994	0.9994	0.0000
2024-03-09T12:01:33	1	0	11	11	0	0.9884	0.9884	0.0000	0.9886	0.9886	0.0000
2024-03-09T12:04:35	1	0	265	37	228	1.0601	1.0521	-0.0080	0.991	0.9824	0.0086
2024-03-09T12:06:00	4	0	7	9	-2	1.0552	1.0556	0.0003	-0.9047	-0.9037	-0.0010
2024-03-09T12:11:59	3	0	135	136	-1	1.0591	1.0589	-0.0001	0.9989	0.9989	0.0000
2024-03-09T12:19:55	1	0	5	5	0	0.9427	0.9427	0.0000	0.9963	0.9963	0.0000
2024-03-09T12:26:26	2	0	1	1	0	1.0041	1.0033	-0.0008	-0.9838	-0.9839	0.0001
2024-03-09T12:32:02	2	0	13	12	1	1.0469	1.0462	-0.0007	-0.9958	-0.9959	0.0001
2024-03-09T12:36:36	1	0	1	1	0	1.0377	1.0364	-0.0013	0.9994	0.9995	-0.0001
2024-03-09T12:41:41	5	0	3	4	-1	1.0138	1.0162	0.0025	-0.9966	-0.9966	0.0000
2024-03-09T12:49:38	1	0	3	4	-1	1.0430	1.0467	0.0036	0.9869	0.987	-0.0001
2024-03-09T12:51:19	10	0	1	0	1	1.0554	null	null	-0.9966	-0.9974	0.0008
2024-03-09T12:52:33	2	0	1	1	0	1.0567	1.0565	-0.0002	0.9889	0.9889	0.0000
2024-03-09T12:53:30	3	0	1	1	0	1.0234	1.0225	-0.0009	0.9968	0.9969	-0.0001
2024-03-09T12:55:09	1	0	1	1	0	0.9839	0.9843	0.0004	0.9821	0.9823	-0.0002
2024-03-09T13:00:10	3	0	2	2	0	1.0588	1.0577	-0.0011	0.9992	0.9992	0.0000
2024-03-09T13:00:20	1	0	1	1	0	1.0718	1.0718	0.0000	0.9991	0.9985	0.0006
2024-03-09T13:26:06	1	0	103	102	1	1.0570	1.0570	0.0000	0.9967	0.9967	0.0000
2024-03-09T13:27:22	2	0	28	27	1	1.0492	1.0488	-0.0003	-0.9368	-0.9368	0.0000
2024-03-09T13:32:16	1	0	18	17	1	1.0483	1.0477	-0.0006	-0.9957	-0.9959	0.0002
2024-03-09T13:41:45	1	0	3	3	0	1.0136	1.0135	-0.0001	-0.9948	-0.9947	-0.0001
2024-03-09T13:42:24	1	0	159	154	5	1.0589	1.0587	-0.0002	0.999	0.999	0.0000
2024-03-09T13:46:45	1	0	15	15	0	1.0039	1.0039	0.0000	0.9883	0.9883	0.0000
2024-03-09T13:47:21	1	0	17	17	0	1.0481	1.0479	-0.0002	-0.9952	-0.9952	0.0000
2024-03-09T13:47:49	1	0	6	6	0	1.0186	1.0186	0.0000	0.9977	0.9972	0.0005

2024-03-09T13:51:41	1	0	2	2	0	0.9504	0.9504	0.0000	0.9989	0.9991	-0.0002
2024-03-09T13:53:00	1	0	15	14	1	1.0477	1.0472	-0.0005	-0.9884	-0.9883	-0.0001
2024-03-09T13:53:40	13	0	3	4	-1	1.0290	1.0257	-0.0034	0.9973	0.9974	-0.0001
2024-03-09T13:56:46	1	0	1	1	0	1.0204	1.0195	-0.0009	-0.9947	-0.9944	-0.0003
2024-03-09T14:02:20	1	0	2	2	0	1.0250	1.0247	-0.0003	0.9982	0.9982	0.0000
2024-03-09T14:02:26	1	0	17	17	0	1.0481	1.0480	-0.0001	-0.9954	-0.9955	0.0001
2024-03-09T14:02:50	2	0	6	6	0	1.0182	1.0181	-0.0001	0.9981	0.9981	0.0000
2024-03-09T14:03:10	1	0	1	1	0	1.0365	1.0363	-0.0002	0.9856	0.9855	0.0001
2024-03-09T14:06:01	1	0	2	2	0	0.9409	0.9410	0.0001	0.9872	0.9873	-0.0001
2024-03-09T14:06:55	1	0	9	9	0	1.0522	1.0520	-0.0002	-0.7578	-0.7589	0.0011
2024-03-09T14:08:49	10	0	2	2	0	1.0180	1.0175	-0.0005	0.9978	0.9977	0.0001
2024-03-09T14:08:52	2	0	2	2	0	1.0248	1.0248	0.0000	0.9974	0.9973	0.0001
2024-03-09T14:11:47	3	0	4	4	0	1.0231	1.0227	-0.0004	-0.9963	-0.9965	0.0002
2024-03-09T14:12:33	2	0	204	201	3	1.0600	1.0598	-0.0002	0.9992	0.9991	0.0001
2024-03-09T14:15:20	1	0	12	12	0	1.0491	1.0491	-0.0001	-0.994	-0.9941	0.0001
2024-03-09T14:15:41	1	0	2	2	0	0.9720	0.9719	-0.0002	0.9815	0.9813	0.0002
2024-03-09T14:17:21	1	0	2	2	0	1.0262	1.0260	-0.0002	0.9984	0.9984	0.0000
2024-03-09T14:17:51	4	0	7	7	0	1.0199	1.0198	-0.0001	0.9979	0.9979	0.0000
2024-03-09T14:19:27	2	0	1	1	0	1.0453	1.0453	0.0000	-0.9845	-0.9843	-0.0002
2024-03-09T14:19:47	2	0	279	274	5	1.0570	1.0568	-0.0002	0.9944	0.9943	0.0001
2024-03-09T14:21:01	1	0	5	5	0	1.0423	1.0421	-0.0001	0.9976	0.9976	0.0000
2024-03-09T14:21:02	1	0	1	1	0	0.9362	0.9363	0.0001	0.987	0.9871	-0.0001
2024-03-09T14:21:30	3	0	2	3	-1	1.0485	1.0477	-0.0008	0.9873	0.9874	-0.0001
2024-03-09T14:21:56	1	0	9	9	0	1.0525	1.0523	-0.0002	-0.7443	-0.7456	0.0013
2024-03-09T14:23:53	1	0	2	2	0	1.0263	1.0261	-0.0003	0.9975	0.9976	-0.0001
2024-03-09T14:24:00	1	0	2	2	0	1.0276	1.0271	-0.0005	0.9979	0.9979	0.0000
2024-03-09T14:25:19	4	0	27	27	0	1.0357	1.0357	0.0000	0.9741	0.9743	-0.0002
2024-03-09T14:26:04	1	0	21	21	0	1.0474	1.0474	0.0000	0.9998	0.9998	0.0000
2024-03-09T14:26:48	4	0	2	2	0	1.0143	1.0139	-0.0004	-0.9953	-0.9954	0.0001
2024-03-09T14:26:53	1	0	3	6	-3	0.9436	0.9443	0.0007	0.9928	0.993	-0.0002
2024-03-09T14:27:21	4	0	41	39	2	1.0546	1.0544	-0.0001	0.9942	0.9942	0.0000
2024-03-09T14:27:38	1	0	131	124	7	1.0587	1.0584	-0.0002	0.9988	0.9988	0.0000
2024-03-09T14:28:21	1	0	2	2	0	1.0095	1.0095	0.0000	0.9767	0.9767	0.0000
2024-03-09T14:28:56	1	0	70	70	0	1.0554	1.0553	-0.0001	0.9889	0.9889	0.0000
2024-03-09T14:29:00	3	0	22	22	0	1.0442	1.0442	0.0000	0.9892	0.9891	0.0001
2024-03-09T14:29:19	2	0	1	1	0	0.9930	0.9923	-0.0007	-0.9854	-0.9853	-0.0001
2024-03-09T14:29:32	1	0	4	4	0	1.0389	1.0388	-0.0001	-0.9994	-0.9994	0.0000
2024-03-09T14:29:41	1	0	2	1	1	1.0464	1.0469	0.0006	-0.9881	-0.9879	-0.0002
2024-03-09T14:30:21	1	0	12	12	0	1.0486	1.0485	-0.0001	-0.9951	-0.9952	0.0001
2024-03-09T14:30:42	4	0	3	3	0	0.9821	0.9815	-0.0006	0.9814	0.9811	0.0003
2024-03-09T14:32:19	1	0	2	2	0	1.0397	1.0397	0.0000	-0.971	-0.9705	-0.0005
2024-03-09T14:32:36	2	0	19	18	1	1.0487	1.0487	0.0000	-0.9955	-0.9957	0.0002
2024-03-09T14:32:52	3	0	5	5	0	1.0153	1.0151	-0.0002	0.9975	0.9974	0.0001
2024-03-09T14:34:59	1	0	12	12	0	1.0458	1.0458	0.0000	-0.9825	-0.9825	0.0000
2024-03-09T14:36:02	1	0	4	4	0	1.0398	1.0398	0.0000	0.9975	0.9975	0.0000
2024-03-09T14:36:08	1	0	1	1	0	0.9419	0.9424	0.0005	0.9863	0.9864	-0.0001
2024-03-09T14:36:10	3	0	16	11	5	1.0548	1.0558	0.0010	-0.898	-0.8989	0.0009
2024-03-09T14:36:31	1	0	1	1	0	1.0567	1.0566	-0.0001	0.9861	0.9861	0.0000
2024-03-09T14:36:46	1	0	3	3	0	0.9747	0.9747	0.0000	0.999	0.9991	-0.0001
2024-03-09T14:36:59	2	0	4	4	0	1.0566	1.0564	-0.0002	-0.7849	-0.7865	0.0016
2024-03-09T14:37:34	5	0	4	4	0	1.0527	1.0512	-0.0015	-0.9926	-0.993	0.0004
2024-03-09T14:38:06	1	0	20	18	2	1.0484	1.0479	-0.0004	-0.9873	-0.9873	0.0000
2024-03-09T14:38:39	1	0	18	18	0	1.0480	1.0480	0.0000	1	1	0.0000
2024-03-09T14:39:09	11	0	2	2	0	1.0175	1.0166	-0.0010	0.9981	0.998	0.0001
2024-03-09T14:41:05	1	0	11	11	0	1.0456	1.0456	0.0000	0.9977	0.9977	0.0000
2024-03-09T14:41:54	1	0	1	1	0	0.9425	0.9425	0.0000	0.9935	0.9937	-0.0002
2024-03-09T14:42:22	4	0	36	35	1	1.0466	1.0465	-0.0001	0.9949	0.9948	0.0001
2024-03-09T14:42:46	2	0	234	224	10	1.0604	1.0602	-0.0002	0.9983	0.9982	0.0001
2024-03-09T14:44:01	5	0	17	17	0	1.0446	1.0444	-0.0001	0.9898	0.9896	0.0002
2024-03-09T14:44:33	1	0	1	1	0	1.0346	1.0346	0.0000	-0.9991	-0.9991	0.0000
2024-03-09T14:44:43	1	0	2	2	0	1.0462	1.0462	0.0000	-0.987	-0.9869	-0.0001
2024-03-09T14:44:44	1	0	1	1	0	0.9828	0.9831	0.0003	0.9892	0.9895	-0.0003
2024-03-09T14:45:17	3	0	8	8	0	1.0491	1.0491	-0.0001	0.999	0.999	0.0000
2024-03-09T14:45:22	2	0	13	13	0	1.0505	1.0505	0.0000	-0.9937	-0.9937	0.0000
2024-03-09T14:47:40	3	0	20	20	0	1.0483	1.0481	-0.0001	-0.9964	-0.9964	0.0000
2024-03-09T14:47:40	5	0	1	1	0	1.0368	1.0358	-0.0010	-0.9968	-0.9969	0.0001
2024-03-09T14:48:01	6	0	8	8	0	1.0174	1.0171	-0.0003	0.9984	0.9983	0.0001
2024-03-09T14:48:39	1	0	1	1	0	1.0162	1.0159	-0.0003	0.9954	0.9955	-0.0001
2024-03-09T14:49:29	2	0	4	4	0	1.0464	1.0462	-0.0002	-0.9792	-0.9794	0.0002
2024-03-09T14:49:47	2	0	1	0	1	1.0559	null	null	0.9905	0.9905	0.0000
2024-03-09T14:51:29	1	0	33	32	1	1.0534	1.0533	-0.0001	0.9995	0.9995	0.0000
2024-03-09T14:51:32	2	0	4	4	0	1.0507	1.0505	-0.0002	0.9889	0.9889	0.0000
2024-03-09T14:54:17	16	0	3	1	2	0.9547	0.9600	0.0053	0.9936	0.9941	-0.0005
2024-03-09T14:55:21	5	0	71	73	-2	1.0392	1.0385	-0.0007	0.9724	0.9722	0.0002
2024-03-09T14:55:44	1	0	4	4	0	1.0260	1.0260	0.0000	0.9557	0.9558	-0.0001
2024-03-09T14:56:13	1	0	12	12	0	1.0443	1.0443	0.0000	-0.9877	-0.9877	0.0000
2024-03-09T14:57:53	1	0	2	2	0	1.0307	1.0305	-0.0002	0.9943	0.9943	0.0000
2024-03-09T14:57:53	1	0	121	110	11	1.0585	1.0582	-0.0003	0.9978	0.9978	0.0000
2024-03-09T14:58:58	1	0	87	87	0	1.0559	1.0559	0.0000	0.9891	0.9891	0.0000
2024-03-09T14:59:21	2	0	1	1	0	0.9981	0.9980	-0.0001	-0.9846	-0.9843	-0.0003
2024-03-09T15:01:13	1	0	1	0	1	1.0273	null	null	-0.9949	-0.9949	0.0000
2024-03-09T15:04:41	1	0	5	5	0	1.0489	1.0488	-0.0001	0.9991	0.9991	0.0000
2024-03-09T15:06:30	1	0	25	25	0	1.0505	1.0505	0.0000	0.9985	0.9985	0.0000
2024-03-09T15:11:51	2	0	2	2	0	1.0289	1.0278	-0.0011	-0.9958	-0.9954	-0.0004
2024-03-09T15:13:24	1	0	2	2	0	0.9924	0.9924	0.0000	0.979	0.9791	-0.0001

2024-03-09T15:15:24	1	0	16	16	0	1.0486	1.0485	-0.0001	-0.9946	-0.9946	0.0000
2024-03-09T15:16:22	1	0	1	0	1	1.0282	null	null	-0.9925	-0.9926	0.0001
2024-03-09T15:25:19	1	0	1	1	0	0.9824	0.9824	0.0000	0.9819	0.982	-0.0001
2024-03-09T15:30:25	1	0	14	14	0	1.0502	1.0501	0.0000	-0.9935	-0.9936	0.0001
2024-03-09T15:31:53	1	0	12	12	0	1.0380	1.0379	0.0000	0.9917	0.9916	0.0001
2024-03-09T15:33:30	2	0	7	7	0	1.0131	1.0130	-0.0001	0.9979	0.9979	0.0000
2024-03-09T15:39:20	3	0	3	3	0	1.0231	1.0229	-0.0002	0.9982	0.9982	0.0000
2024-03-09T15:41:53	1	0	3	3	0	1.0295	1.0295	0.0000	-0.9965	-0.9964	-0.0001
2024-03-09T15:44:05	1	0	17	17	0	1.0425	1.0425	0.0000	0.9879	0.9879	0.0000
2024-03-09T15:51:19	1	0	3	2	1	0.9918	0.9600	-0.0318	0.9907	0.9906	0.0001
2024-03-09T15:51:33	2	0	1	1	0	1.0375	1.0369	-0.0006	-0.9994	-0.9994	0.0000
2024-03-09T16:06:29	1	0	1	1	0	1.0273	1.0270	-0.0003	0.9863	0.9862	0.0001
2024-03-09T16:09:28	3	0	4	4	0	1.0291	1.0286	-0.0005	0.998	0.9981	-0.0001
2024-03-09T16:21:35	7	0	1	1	0	0.9708	0.9722	0.0014	-0.9992	-0.9992	0.0000
2024-03-09T16:26:56	1	0	4	4	0	1.0180	1.0178	-0.0002	-0.9981	-0.9982	0.0001
2024-03-09T16:36:10	1	0	5	5	0	1.0367	1.0365	-0.0001	0.9966	0.9966	0.0000
2024-03-09T16:45:57	1	0	25	23	2	0.9430	0.9434	0.0003	0.9764	0.9761	0.0003
2024-03-10T08:07:20	1	0	124	124	0	0.9202	0.9202	0.0000	0.9855	0.9854	0.0001
2024-03-10T08:37:11	1	0	5	5	0	0.9761	0.9763	0.0002	0.9966	0.9967	-0.0001
2024-03-10T09:07:12	1	0	4	4	0	0.9686	0.9689	0.0003	0.9956	0.9957	-0.0001
2024-03-10T09:07:16	2	0	28	26	2	0.9475	0.9478	0.0003	0.9995	0.9995	0.0000
2024-03-10T09:18:49	1	0	2	0	2	1.0451	null	null	-0.9735	-0.9734	-0.0001
2024-03-10T09:20:50	1	0	18	18	0	1.0492	1.0491	-0.0001	0.9953	0.9955	-0.0002
2024-03-10T09:22:13	2	0	3	1	2	0.9590	0.9599	0.0009	0.9955	0.9955	0.0000
2024-03-10T09:24:46	2	0	1	1	0	1.0322	1.0316	-0.0006	0.9956	0.9955	0.0001
2024-03-10T09:28:21	1	0	86	84	2	1.0559	1.0558	-0.0001	0.9947	0.9947	0.0000
2024-03-10T09:31:05	2	0	1	1	0	0.9770	0.9775	0.0005	-0.9996	-0.9996	0.0000
2024-03-10T09:32:07	1	0	1	1	0	1.0404	1.0399	-0.0005	-0.9992	-0.9992	0.0000
2024-03-10T09:33:50	1	0	1	0	1	1.0451	null	null	-0.9778	-0.9775	-0.0003
2024-03-10T09:34:11	1	0	113	53	60	1.0587	1.0551	-0.0036	0.9936	0.9873	0.0063
2024-03-10T09:35:28	1	0	2	2	0	1.0387	1.0385	-0.0002	0.9958	0.9957	0.0001
2024-03-10T09:35:44	2	0	17	17	0	1.0463	1.0462	-0.0001	0.999	0.999	0.0000
2024-03-10T09:44:20	1	0	1	1	0	1.0567	1.0564	-0.0003	-0.9929	-0.9929	0.0000
2024-03-10T09:46:06	2	0	1	1	0	0.9765	0.9765	0.0000	-0.9996	-0.9995	-0.0001
2024-03-10T09:47:41	2	0	2	2	0	1.0236	1.0233	-0.0004	0.986	0.986	0.0000
2024-03-10T09:48:51	1	0	2	0	2	1.0451	null	null	-0.9728	-0.9726	-0.0002
2024-03-10T09:50:45	1	0	19	19	0	1.0449	1.0448	0.0000	0.9996	0.9996	0.0000
2024-03-10T09:50:52	2	0	16	16	0	1.0481	1.0478	-0.0003	0.993	0.9931	-0.0001
2024-03-10T09:50:56	2	0	1	1	0	1.0408	1.0403	-0.0005	-0.9991	-0.9991	0.0000
2024-03-10T09:51:55	1	0	4	4	0	1.0513	1.0511	-0.0002	-0.9982	-0.9983	0.0001
2024-03-10T09:52:15	14	0	4	3	1	0.9667	0.9573	-0.0095	0.9958	0.9959	-0.0001
2024-03-10T09:52:19	2	0	5	5	0	1.0113	1.0114	0.0001	-0.9996	-0.9996	0.0000
2024-03-10T09:59:10	1	0	1	1	0	1.0459	1.0455	-0.0004	-0.9979	-0.9979	0.0000
2024-03-10T09:59:43	3	0	9	9	0	1.0491	1.0489	-0.0002	0.9979	0.9979	0.0000
2024-03-10T10:01:12	1	0	53	54	-1	1.0176	1.0162	-0.0014	0.9981	0.998	0.0001
2024-03-10T10:02:10	2	0	2	2	0	1.0350	1.0345	-0.0005	-0.9992	-0.9993	0.0001
2024-03-10T10:05:28	2	0	1	1	0	0.9434	0.9440	0.0006	0.9894	0.9895	-0.0001
2024-03-10T10:05:30	1	0	2	2	0	1.0414	1.0414	0.0000	0.9962	0.9962	0.0000
2024-03-10T10:05:37	2	0	2	2	0	1.0463	1.0457	-0.0005	-0.8695	-0.8701	0.0006
2024-03-10T10:05:46	3	0	17	17	0	1.0435	1.0434	-0.0001	0.9993	0.9993	0.0000
2024-03-10T10:05:53	2	0	16	16	0	1.0482	1.0476	-0.0005	0.9926	0.9923	0.0003
2024-03-10T10:06:56	1	0	13	12	1	1.0127	1.0090	-0.0037	0.9998	0.9998	0.0000
2024-03-10T10:07:20	4	0	30	26	4	0.9729	0.9750	0.0021	-0.9999	-0.9999	0.0000
2024-03-10T10:07:26	17	0	4	0	4	0.9666	null	null	0.9952	0.9956	-0.0004
2024-03-10T10:07:28	1	0	92	90	2	0.9255	0.9258	0.0003	0.9926	0.9926	0.0000
2024-03-10T10:09:44	1	0	54	54	0	1.0496	1.0497	0.0000	0.9677	0.9676	0.0001
2024-03-10T10:09:49	2	0	1	1	0	1.0408	1.0397	-0.0011	0.9969	0.9965	0.0004
2024-03-10T10:12:49	1	0	1	1	0	0.9766	0.9769	0.0003	-0.9888	-0.9886	-0.0002
2024-03-10T10:14:22	1	0	1	1	0	1.0626	1.0622	-0.0004	-0.9932	-0.9931	-0.0001
2024-03-10T10:14:39	2	0	10	10	0	1.0471	1.0471	-0.0001	-0.9849	-0.9849	0.0000
2024-03-10T10:15:42	2	0	1	0	1	1.0559	null	null	-0.9997	-0.9997	0.0000
2024-03-10T10:15:57	1	0	1	1	0	1.0363	1.0359	-0.0004	-0.9991	-0.999	-0.0001
2024-03-10T10:16:27	2	0	2	2	0	0.9927	0.9924	-0.0004	0.9908	0.9907	0.0001
2024-03-10T10:21:57	2	0	15	15	0	0.9936	0.9936	0.0000	1	1	0.0000
2024-03-10T10:22:29	2	0	82	82	0	0.9226	0.9226	0.0000	0.9941	0.9943	-0.0002
2024-03-10T10:24:41	1	0	1	1	0	0.9793	0.9796	0.0003	0.9814	0.9815	-0.0001
2024-03-10T10:24:45	1	0	24	24	0	1.0476	1.0476	0.0000	0.9633	0.9633	0.0000
2024-03-10T10:26:45	1	0	30	29	1	1.0510	1.0510	0.0000	0.9842	0.9842	0.0000
2024-03-10T10:27:50	2	0	1	1	0	0.9798	0.9803	0.0005	-0.9821	-0.9819	-0.0002
2024-03-10T10:27:55	1	0	1	0	1	0.9838	null	null	0.9768	0.9769	-0.0001
2024-03-10T10:32:29	3	0	3	3	0	1.0340	1.0333	-0.0007	-0.9997	-0.9996	-0.0001
2024-03-10T10:32:44	2	0	1	1	0	1.0149	1.0138	-0.0011	0.9849	0.9848	0.0001
2024-03-10T10:33:54	1	0	2	0	2	1.0463	null	null	-0.9739	-0.9745	0.0006
2024-03-10T10:34:13	2	0	1	0	1	1.0225	null	null	-0.9974	-0.9974	0.0000
2024-03-10T10:35:37	2	0	2	2	0	0.9854	0.9850	-0.0004	0.988	0.9878	0.0002
2024-03-10T10:35:48	1	0	23	22	1	1.0487	1.0483	-0.0003	0.9998	0.9998	0.0000
2024-03-10T10:35:59	2	0	2	2	0	1.0467	1.0461	-0.0006	-0.9987	-0.9987	0.0000
2024-03-10T10:36:21	1	0	2	2	0	1.0634	1.0627	-0.0006	-0.2147	-0.2176	0.0029
2024-03-10T10:37:22	1	0	17	17	0	0.9865	0.9864	-0.0002	-0.9999	-0.9999	0.0000
2024-03-10T10:39:46	1	0	24	24	0	1.0461	1.0460	0.0000	0.9649	0.9649	0.0000
2024-03-10T10:40:15	1	0	2	2	0	1.0245	1.0245	-0.0001	0.9723	0.972	0.0003
2024-03-10T10:41:02	1	0	17	15	2	1.0533	1.0527	-0.0006	0.9994	0.9993	0.0001
2024-03-10T10:41:46	1	0	22	21	1	1.0503	1.0501	-0.0002	0.9805	0.9804	0.0001
2024-03-10T10:43:35	1	0	13	13	0	1.0467	1.0467	-0.0001	0.9989	0.9989	0.0000
2024-03-10T10:45:13	1	0	6	6	0	1.0506	1.0504	-0.0001	0.9823	0.9821	0.0002

2024-03-10T10:45:13	1	0	43	43	0	0.9430	0.9430	0.0000	0.9796	0.9796	0.0000
2024-03-10T10:45:44	1	0	1	0	1	1.0621	null	null	-0.9999	-0.9999	0.0000
2024-03-10T10:46:44	1	0	2	2	0	0.9943	0.9940	-0.0003	0.9906	0.9905	0.0001
2024-03-10T10:49:18	1	0	19	19	0	1.0473	1.0473	0.0000	-0.9736	-0.9735	-0.0001
2024-03-10T10:50:56	3	0	10	10	0	1.0485	1.0484	0.0000	0.9914	0.991	0.0004
2024-03-10T10:51:15	1	0	1	1	0	1.0305	1.0297	-0.0008	0.9997	0.9998	-0.0001
2024-03-10T10:52:23	1	0	12	11	1	1.0056	1.0010	-0.0046	-1	-1	0.0000
2024-03-10T10:54:47	1	0	36	36	0	1.0489	1.0489	0.0000	0.9633	0.9633	0.0000
2024-03-10T10:56:06	2	0	1	1	0	1.0008	0.9989	-0.0019	-0.9809	-0.9805	-0.0004
2024-03-10T10:56:41	1	0	58	58	0	0.9404	0.9408	0.0005	0.9968	0.9969	-0.0001
2024-03-10T10:57:57	1	0	1	1	0	0.9827	0.9829	0.0002	0.9776	0.9777	-0.0001
2024-03-10T10:58:27	1	0	22	21	1	1.0508	1.0505	-0.0002	0.9982	0.9982	0.0000
2024-03-10T10:58:31	1	0	13	12	1	0.9419	0.9420	0.0001	0.9948	0.9949	-0.0001
2024-03-10T10:59:48	1	0	12	12	0	1.0497	1.0497	0.0000	-0.9813	-0.9812	-0.0001
2024-03-10T11:01:13	1	0	4	4	0	1.0180	1.0179	0.0000	0.957	0.9565	0.0005
2024-03-10T11:01:50	2	0	1	1	0	1.0403	1.0398	-0.0005	0.9978	0.9977	0.0001
2024-03-10T11:02:24	1	0	3	3	0	1.0287	1.0285	-0.0002	0.9981	0.998	0.0001
2024-03-10T11:02:46	1	0	2	2	0	1.0264	1.0264	-0.0001	0.9847	0.9846	0.0001
2024-03-10T11:03:56	1	0	2	2	0	1.0457	1.0455	-0.0002	-0.9783	-0.9784	0.0001
2024-03-10T11:04:08	1	0	5	5	0	1.0493	1.0492	-0.0001	-0.9999	-0.9999	0.0000
2024-03-10T11:04:15	2	0	1	1	0	1.0219	1.0218	-0.0001	-0.9988	-0.9988	0.0000
2024-03-10T11:04:17	1	0	23	22	1	1.0574	1.0569	-0.0004	0.9929	0.9927	0.0002
2024-03-10T11:04:22	1	0	1	1	0	1.0415	1.0412	-0.0003	-0.9538	-0.9538	0.0000
2024-03-10T11:08:09	1	0	14	14	0	1.0516	1.0515	-0.0001	-0.9963	-0.9963	0.0000
2024-03-10T11:10:10	2	0	1	1	0	1.0567	1.0564	-0.0003	-0.9921	-0.9922	0.0001
2024-03-10T11:10:54	1	0	11	11	0	0.9475	0.9475	0.0000	0.9945	0.9944	0.0001
2024-03-10T11:11:48	2	0	53	44	9	1.0589	1.0601	0.0012	0.9805	0.9801	0.0004
2024-03-10T11:11:53	2	0	3	3	0	1.0390	1.0385	-0.0005	0.9921	0.9919	0.0002
2024-03-10T11:13:37	2	0	19	18	1	1.0513	1.0506	-0.0007	0.9967	0.9966	0.0001
2024-03-10T11:14:48	2	0	9	10	-1	1.0497	1.0502	0.0004	0.9982	0.9982	0.0000
2024-03-10T11:15:42	3	0	12	10	2	1.0295	1.0336	0.0041	0.9806	0.9801	0.0005
2024-03-10T11:19:18	1	0	62	61	1	1.0581	1.0581	0.0000	0.9932	0.9932	0.0000
2024-03-10T11:22:01	1	0	14	13	1	0.9860	0.9893	0.0033	-1	-1	0.0000
2024-03-10T11:26:14	1	0	17	14	3	0.9439	0.9439	-0.0001	-0.9948	-0.9947	-0.0001
2024-03-10T11:28:38	4	0	12	12	0	1.0379	1.0378	0.0000	0.9805	0.9804	0.0001
2024-03-10T11:30:07	5	0	1	1	0	0.9705	0.9717	0.0012	0.9956	0.9957	-0.0001
2024-03-10T11:31:18	1	0	13	13	0	1.0241	1.0241	0.0000	0.9922	0.9922	0.0000
2024-03-10T11:32:21	2	0	1	0	1	1.0412	null	null	-0.9999	-0.9999	0.0000
2024-03-10T11:32:48	2	0	2	1	1	0.9421	0.9446	0.0025	0.9845	0.9845	0.0000
2024-03-10T11:34:21	1	0	21	21	0	1.0481	1.0481	0.0000	-0.9768	-0.9767	-0.0001
2024-03-10T11:36:32	1	0	2	2	0	1.0714	1.0713	-0.0002	-0.8914	-0.8919	0.0005
2024-03-10T11:37:11	2	0	1	1	0	1.0552	1.0550	-0.0002	0.9883	0.9884	-0.0001
2024-03-10T11:41:15	3	0	28	28	0	0.9504	0.9501	-0.0003	-0.9951	-0.9954	0.0003
2024-03-10T11:42:22	2	0	35	26	9	1.0559	1.0533	-0.0026	0.9818	0.9745	0.0073
2024-03-10T11:44:50	5	0	7	8	-1	1.0480	1.0477	-0.0003	0.998	0.9982	-0.0002
2024-03-10T11:44:51	4	0	37	35	2	1.0518	1.0515	-0.0003	-0.9817	-0.9816	-0.0001
2024-03-10T11:47:08	1	0	1	1	0	0.9946	0.9945	-0.0001	0.9901	0.9901	0.0000
2024-03-10T11:47:49	2	0	3	2	1	0.9427	0.9435	0.0008	0.9842	0.9842	0.0000
2024-03-10T11:51:00	6	0	3	4	-1	1.0509	1.0499	-0.0010	0.9886	0.9891	-0.0005
2024-03-10T11:51:36	1	0	3	3	0	1.0669	1.0666	-0.0003	0.6238	0.6272	-0.0034
2024-03-10T11:52:27	7	0	44	34	10	0.9797	0.9812	0.0015	-0.9997	-0.9997	0.0000
2024-03-10T11:56:16	5	0	24	23	1	0.9492	0.9496	0.0004	-0.9935	-0.9931	-0.0004
2024-03-10T11:56:31	1	0	15	14	1	1.0531	1.0527	-0.0004	0.9991	0.9991	0.0000
2024-03-10T11:59:07	2	0	19	18	1	1.0556	1.0545	-0.0011	-0.9588	-0.959	0.0002
2024-03-10T12:02:52	1	0	1	1	0	1.0559	1.0554	-0.0005	0.9926	0.9926	0.0000
2024-03-10T12:04:23	1	0	13	13	0	1.0486	1.0486	0.0000	-0.9771	-0.9769	-0.0002
2024-03-10T12:11:38	1	0	19	19	0	1.0540	1.0538	-0.0002	0.9991	0.9991	0.0000
2024-03-10T12:21:02	6	0	9	10	-1	1.0530	1.0525	-0.0005	0.9896	0.9899	-0.0003
2024-03-10T12:32:52	2	0	1	0	1	0.9448	null	null	0.9843	0.9843	0.0000
2024-03-10T12:36:39	2	0	2	2	0	1.0734	1.0703	-0.0030	0.3193	0.3187	0.0006
2024-03-10T12:41:19	4	0	23	23	0	0.9471	0.9470	-0.0001	-0.9963	-0.9964	0.0001
2024-03-10T12:59:55	5	0	20	19	1	1.0505	1.0501	-0.0003	-1	-1	0.0000
2024-03-10T13:04:23	2	0	1	0	1	1.0561	null	null	1	1	0.0000
2024-03-10T13:07:20	2	0	1	0	1	1.0555	null	null	0.9881	0.988	0.0001
2024-03-10T13:15:14	2	0	2	2	0	0.9422	0.9424	0.0002	0.9954	0.9954	0.0000
2024-03-10T13:36:07	1	0	5	5	0	1.0496	1.0495	-0.0002	0.9841	0.9841	0.0000
2024-03-10T13:37:47	1	0	14	13	1	1.0474	1.0468	-0.0006	-0.9832	-0.9831	-0.0001
2024-03-10T13:41:23	2	0	14	13	1	0.9561	0.9569	0.0009	-0.9932	-0.9931	-0.0001
2024-03-10T13:43:40	1	0	46	46	0	1.0542	1.0541	-0.0001	0.9973	0.9973	0.0000
2024-03-10T13:51:27	1	0	3	3	0	0.9512	0.9513	0.0000	0.9991	0.999	0.0001
2024-03-10T13:56:24	1	0	4	4	0	1.0056	1.0052	-0.0003	-0.9928	-0.993	0.0002
2024-03-10T13:58:23	1	0	1	0	1	1.0553	null	null	-0.9902	-0.9902	0.0000
2024-03-10T14:02:23	2	0	6	6	0	1.0187	1.0185	-0.0001	0.9986	0.9986	0.0000
2024-03-10T14:04:08	2	0	4	6	-2	1.0466	1.0466	0.0000	-0.9789	-0.9785	-0.0004
2024-03-10T14:04:30	1	0	10	10	0	1.0523	1.0522	-0.0002	0.9996	0.9996	0.0000
2024-03-10T14:05:35	1	0	1	1	0	1.0559	1.0556	-0.0003	1	1	0.0000
2024-03-10T14:06:04	1	0	1	1	0	1.0282	1.0276	-0.0006	0.9845	0.9844	0.0001
2024-03-10T14:06:09	3	0	2	2	0	1.0484	1.0479	-0.0005	0.9847	0.9845	0.0002
2024-03-10T14:13:10	1	0	2	2	0	1.0047	1.0047	0.0000	0.9775	0.9774	0.0001
2024-03-10T14:14:16	2	0	27	26	1	1.0528	1.0522	-0.0006	-0.9502	-0.9501	-0.0001
2024-03-10T14:19:09	2	0	10	10	0	1.0466	1.0464	-0.0002	-0.9727	-0.973	0.0003
2024-03-10T14:20:36	1	0	1	1	0	1.0560	1.0559	-0.0001	0.9998	0.9998	0.0000
2024-03-10T14:21:10	3	0	9	9	0	1.0484	1.0482	-0.0001	0.991	0.9909	0.0001
2024-03-10T14:21:47	1	0	6	6	0	1.0536	1.0534	-0.0002	0.3633	0.3696	-0.0063
2024-03-10T14:22:24	1	0	11	10	1	1.0489	1.0491	0.0002	-0.9907	-0.9908	0.0001

2024-03-10T14:22:25	2	0	1	1	0	1.0554	1.0550	-0.0004	0.9898	0.9898	0.0000
2024-03-10T14:22:46	6	0	15	14	1	0.9858	0.9888	0.0030	-0.9989	-0.9988	-0.0001
2024-03-10T14:24:57	1	0	1	1	0	1.0568	1.0568	0.0000	0.9811	0.981	0.0001
2024-03-10T14:25:01	7	0	39	39	0	1.0500	1.0498	-0.0002	0.9728	0.9727	0.0001
2024-03-10T14:27:24	1	0	20	19	1	1.0544	1.0540	-0.0004	0.9995	0.9995	0.0000
2024-03-10T14:27:33	1	0	23	23	0	1.0519	1.0519	0.0000	0.9765	0.9766	-0.0001
2024-03-10T14:28:23	1	0	1	0	1	1.0557	null	null	-0.9956	-0.9956	0.0000
2024-03-10T14:29:17	2	0	34	34	0	1.0535	1.0529	-0.0005	-0.9464	-0.9464	0.0000
2024-03-10T14:30:02	1	0	22	22	0	1.0533	1.0533	0.0000	-0.9888	-0.9888	0.0000
2024-03-10T14:32:15	3	0	1	1	0	1.0378	1.0368	-0.0010	-0.9836	-0.9692	-0.0144
2024-03-10T14:32:31	1	0	5	5	0	1.0165	1.0165	0.0000	0.9989	0.9989	0.0000
2024-03-10T14:32:39	1	0	5	5	0	1.0298	1.0297	-0.0001	0.9978	0.9978	0.0000
2024-03-10T14:34:10	2	0	12	12	0	1.0462	1.0461	-0.0002	-0.9722	-0.9724	0.0002
2024-03-10T14:36:11	6	0	12	11	1	1.0481	1.0482	0.0001	0.9921	0.9917	0.0004
2024-03-10T14:36:50	1	0	2	2	0	1.0674	1.0671	-0.0003	-0.9338	-0.9348	0.0010
2024-03-10T14:37:47	4	0	39	37	2	1.0326	1.0325	-0.0001	-0.9982	-0.9981	-0.0001
2024-03-10T14:40:02	4	0	75	75	0	1.0506	1.0506	0.0000	0.9723	0.9723	0.0000
2024-03-10T14:42:30	1	0	27	24	3	1.0545	1.0542	-0.0003	0.9992	0.9992	0.0000
2024-03-10T14:42:34	1	0	7	7	0	1.0497	1.0497	0.0000	0.9767	0.9768	-0.0001
2024-03-10T14:43:51	2	0	10	10	0	1.0458	1.0458	0.0000	0.9925	0.9925	0.0000
2024-03-10T14:44:18	2	0	10	10	0	1.0486	1.0486	0.0000	-0.9466	-0.9467	0.0001
2024-03-10T14:45:02	3	0	19	19	0	1.0510	1.0510	0.0000	1	1	0.0000
2024-03-10T14:45:10	2	0	16	16	0	1.0516	1.0515	-0.0001	-0.988	-0.9881	0.0001
2024-03-10T14:46:31	1	0	14	14	0	1.0483	1.0483	0.0000	0.9945	0.9945	0.0000
2024-03-10T14:46:51	2	0	1	1	0	1.0289	1.0279	-0.0010	0.9891	0.9886	0.0005
2024-03-10T14:47:32	2	0	6	6	0	1.0198	1.0196	-0.0002	0.999	0.9989	0.0001
2024-03-10T14:49:36	1	0	14	14	0	1.0462	1.0461	0.0000	-0.9767	-0.9766	-0.0001
2024-03-10T14:51:58	1	0	1	1	0	1.0206	1.0202	-0.0004	0.9995	0.9995	0.0000
2024-03-10T14:55:34	1	0	11	10	1	1.0436	1.0433	-0.0003	-0.981	-0.981	0.0000
2024-03-10T14:56:34	3	0	2	2	0	1.0087	1.0078	-0.0008	0.9795	0.9788	0.0007
2024-03-10T14:59:48	2	0	19	16	3	1.0465	1.0467	0.0002	-0.9692	-0.9692	0.0000
2024-03-10T15:00:11	1	0	16	16	0	1.0513	1.0513	0.0000	-0.9885	-0.9885	0.0000
2024-03-10T15:00:15	1	0	2	2	0	1.0540	1.0538	-0.0002	0.9992	0.9992	0.0000
2024-03-10T15:02:39	5	0	8	8	0	1.0189	1.0186	-0.0003	0.9995	0.9994	0.0001
2024-03-10T15:05:55	1	0	1	1	0	1.0324	1.0318	-0.0006	0.9887	0.9871	0.0016
2024-03-10T15:06:17	1	0	23	23	0	1.0486	1.0485	0.0000	-0.9796	-0.9796	0.0000
2024-03-10T15:07:03	1	0	2	2	0	1.0377	1.0377	0.0000	0.9992	0.9992	0.0000
2024-03-10T15:07:56	1	0	25	23	2	1.0483	1.0480	-0.0003	-0.9849	-0.9849	0.0000
2024-03-10T15:13:53	1	0	15	15	0	1.0435	1.0435	0.0000	0.9887	0.9887	0.0000
2024-03-10T15:14:49	2	0	20	19	1	1.0466	1.0466	0.0000	-0.9736	-0.9737	0.0001
2024-03-10T15:20:56	2	0	1	1	0	1.0577	1.0560	-0.0017	0.9967	0.9969	-0.0002
2024-03-10T15:22:28	1	0	11	11	0	1.0479	1.0479	0.0000	-0.988	-0.9881	0.0001
2024-03-10T15:23:00	1	0	24	23	1	1.0484	1.0486	0.0001	-0.9848	-0.9848	0.0000
2024-03-10T15:30:13	1	0	15	15	0	1.0523	1.0522	-0.0001	-0.9904	-0.9905	0.0001
2024-03-10T15:32:54	1	0	10	10	0	1.0187	1.0185	-0.0002	0.999	0.9989	0.0001
2024-03-10T15:33:04	1	0	21	19	2	0.9425	0.9426	0.0001	0.9845	0.9845	0.0000
2024-03-10T15:37:47	2	0	4	4	0	0.9661	0.9659	-0.0002	0.9943	0.9944	-0.0001
2024-03-10T15:41:31	2	0	2	2	0	1.0304	1.0292	-0.0012	-0.9919	-0.9891	-0.0028
2024-03-10T15:43:16	1	0	1	1	0	0.9842	0.9843	0.0001	0.9785	0.9785	0.0000
2024-03-10T15:45:21	1	0	27	27	0	1.0531	1.0531	0.0000	-0.9882	-0.9882	0.0000
2024-03-10T15:46:19	1	0	3	3	0	1.0449	1.0446	-0.0003	-0.9993	-0.9993	0.0000
2024-03-10T15:49:40	1	0	30	30	0	1.0559	1.0557	-0.0001	0.9888	0.9898	-0.0010
2024-03-10T15:51:11	1	0	9	9	0	0.9711	0.9711	0.0000	0.9858	0.9858	0.0000
2024-03-10T15:51:35	1	0	4	4	0	0.9703	0.9702	-0.0002	0.9991	0.9992	-0.0001
2024-03-10T15:51:40	2	0	5	5	0	1.0483	1.0477	-0.0006	-0.9994	-0.9995	0.0001
2024-03-10T16:11:36	2	0	1	2	-1	1.0236	1.0188	-0.0048	-0.9922	-0.9924	0.0002
2024-03-10T16:18:05	1	0	1	1	0	1.0403	1.0400	-0.0003	-0.9999	-0.9999	0.0000
2024-03-10T16:21:00	2	0	2	2	0	0.9882	0.9873	-0.0009	0.9868	0.9869	-0.0001
2024-03-10T16:26:37	1	0	1	1	0	1.0173	1.0165	-0.0008	-0.9943	-0.9939	-0.0004
2024-03-10T16:52:56	1	0	40	38	2	0.9652	0.9655	0.0002	-0.9985	-0.9984	-0.0001
2024-03-10T17:26:04	2	0	4	4	0	1.0279	1.0277	-0.0002	0.9973	0.9973	0.0000
2024-03-10T18:11:44	1	0	86	86	0	0.9375	0.9376	0.0000	-0.9973	-0.997	-0.0003
2024-03-11T07:57:17	1	0	245	245	0	0.9293	0.9293	0.0000	0.9563	0.9562	0.0001
2024-03-11T08:04:34	1	0	134	134	0	0.9106	0.9106	0.0000	0.9608	0.9607	0.0001
2024-03-11T08:08:14	1	0	74	69	5	0.9399	0.9405	0.0007	-0.987	-0.9864	-0.0006
2024-03-11T08:17:58	1	0	55	54	1	1.0555	1.0555	0.0000	0.9889	0.9889	0.0000
2024-03-11T08:20:27	1	0	74	73	1	1.0049	1.0042	-0.0007	-0.9906	-0.9905	-0.0001
2024-03-11T08:34:27	1	0	2	2	0	0.9410	0.9413	0.0003	-0.9959	-0.9958	-0.0001
2024-03-11T08:48:00	1	0	138	137	1	1.0573	1.0573	0.0000	0.9909	0.9909	0.0000
2024-03-11T08:49:31	1	0	126	125	1	1.0594	1.0593	-0.0001	0.9958	0.9958	0.0000
2024-03-11T08:50:45	2	0	143	142	1	1.0573	1.0573	0.0000	-0.9922	-0.9921	-0.0001
2024-03-11T08:54:51	1	0	2	2	0	1.0458	1.0458	0.0000	0.9375	0.9374	0.0001
2024-03-11T09:02:39	2	0	4	4	0	1.0091	1.0089	-0.0002	0.9867	0.9867	0.0000
2024-03-11T09:08:19	1	0	4	4	0	0.9816	0.9814	-0.0002	-0.9862	-0.9862	0.0000
2024-03-11T09:18:02	3	0	337	332	5	1.0619	1.0616	-0.0002	0.9907	0.9905	0.0002
2024-03-11T09:22:14	1	0	42	40	2	0.9422	0.9423	0.0001	0.9633	0.9634	-0.0001
2024-03-11T09:25:42	1	0	2	2	0	0.9396	0.9398	0.0002	-1	-1	0.0000
2024-03-11T09:33:08	7	0	41	36	5	1.0562	1.0560	-0.0002	1	1	0.0000
2024-03-11T09:34:34	1	0	133	133	0	1.0712	1.0710	-0.0002	0.9965	0.9965	0.0000
2024-03-11T09:35:48	1	0	145	144	1	1.0575	1.0575	0.0000	-0.9897	-0.9897	0.0000
2024-03-11T09:36:57	2	0	8	8	0	1.0512	1.0508	-0.0004	0.9785	0.9778	0.0007
2024-03-11T09:40:18	1	0	1	1	0	1.0456	1.0452	-0.0004	-0.9806	-0.9851	0.0045
2024-03-11T09:41:18	1	0	25	24	1	1.0575	1.0574	-0.0001	0.9996	0.9997	-0.0001
2024-03-11T09:41:34	1	0	3	3	0	1.0429	1.0428	-0.0002	-0.9965	-0.9965	0.0000
2024-03-11T09:43:21	2	0	4	5	-1	1.0236	1.0280	0.0044	0.9992	0.9992	0.0000

2024-03-11T09:43:25	1	0	15	15	0	1.0405	1.0404	-0.0001	0.9926	0.9926	0.0000
2024-03-11T09:43:41	2	0	1	1	0	1.0363	1.0357	-0.0006	0.9903	0.9904	-0.0001
2024-03-11T09:44:50	2	0	4	4	0	1.0262	1.0260	-0.0002	0.9815	0.9815	0.0000
2024-03-11T09:46:03	1	0	2	2	0	0.9861	0.9859	-0.0002	-0.9991	-0.9992	0.0001
2024-03-11T09:56:55	3	0	21	18	3	1.0518	1.0508	-0.0010	0.9963	0.9963	0.0000
2024-03-11T09:57:09	1	0	1	1	0	0.9895	0.9899	0.0004	0.9948	0.9847	0.0101
2024-03-11T09:57:47	3	0	3	3	0	1.0140	1.0132	-0.0008	0.9832	0.983	0.0002
2024-03-11T09:59:38	1	0	1	1	0	1.0372	1.0365	-0.0007	0.9949	0.9949	0.0000
2024-03-11T09:59:51	2	0	5	5	0	1.0249	1.0249	0.0000	0.9822	0.9822	0.0000
2024-03-11T10:00:22	2	0	61	61	0	0.9855	0.9857	0.0002	0.9406	0.9407	-0.0001
2024-03-11T10:01:18	3	0	8	9	-1	0.9836	0.9792	-0.0044	0.9913	0.9914	-0.0001
2024-03-11T10:02:27	5	0	19	17	2	1.0514	1.0506	-0.0009	0.9992	0.9991	0.0001
2024-03-11T10:02:31	1	0	14	13	1	1.0535	1.0533	-0.0002	0.9763	0.9753	0.0010
2024-03-11T10:02:43	1	0	2	2	0	0.9867	0.9870	0.0003	0.9784	0.9785	-0.0001
2024-03-11T10:02:46	3	0	44	37	7	1.0543	1.0537	-0.0006	0.9649	0.9643	0.0006
2024-03-11T10:03:10	9	0	126	111	15	1.0605	1.0601	-0.0005	-0.9999	-0.9999	0.0000
2024-03-11T10:04:36	1	0	104	103	1	1.0654	1.0651	-0.0003	0.9954	0.9953	0.0001
2024-03-11T10:06:00	1	0	3	3	0	1.0076	1.0075	-0.0001	0.9767	0.9766	0.0001
2024-03-11T10:06:02	4	0	3	2	1	0.9433	0.9435	0.0002	0.9911	0.9913	-0.0002
2024-03-11T10:06:59	2	0	24	20	4	1.0554	1.0548	-0.0006	0.9745	0.9734	0.0011
2024-03-11T10:08:05	1	0	44	42	2	1.0550	1.0548	-0.0002	0.9996	0.9996	0.0000
2024-03-11T10:10:45	1	0	2	2	0	0.9403	0.9406	0.0003	-1	-1	0.0000
2024-03-11T10:10:59	2	0	1	1	0	1.0037	1.0031	-0.0006	-0.9925	-0.9925	0.0000
2024-03-11T10:11:16	1	0	11	10	1	1.0446	1.0444	-0.0001	0.9969	0.9969	0.0000
2024-03-11T10:11:20	1	0	16	15	1	1.0563	1.0559	-0.0003	0.9976	0.9976	0.0000
2024-03-11T10:11:22	1	0	2	2	0	1.0386	1.0379	-0.0008	-0.9983	-0.9983	0.0000
2024-03-11T10:11:51	2	0	22	21	1	1.0478	1.0479	0.0001	-0.9984	-0.9984	0.0000
2024-03-11T10:11:59	1	0	15	15	0	1.0502	1.0501	-0.0001	0.9959	0.9959	0.0000
2024-03-11T10:11:59	2	0	2	2	0	1.0026	1.0023	-0.0003	0.9895	0.9894	0.0001
2024-03-11T10:12:28	2	0	45	45	0	1.0479	1.0479	0.0000	0.9618	0.9618	0.0000
2024-03-11T10:13:12	1	0	13	13	0	1.0452	1.0452	0.0000	0.9992	0.9992	0.0000
2024-03-11T10:13:27	1	0	13	13	0	1.0367	1.0366	-0.0001	0.9875	0.9874	0.0001
2024-03-11T10:13:43	2	0	1	0	1	1.0336	null	null	0.9883	0.9883	0.0000
2024-03-11T10:16:20	1	0	3	2	1	0.9429	0.9430	0.0001	-1	-1	0.0000
2024-03-11T10:16:39	4	0	19	18	1	1.0492	1.0484	-0.0008	0.998	0.998	0.0000
2024-03-11T10:17:47	1	0	43	41	2	1.0549	1.0548	0.0000	0.9648	0.9643	0.0005
2024-03-11T10:18:28	1	0	1	1	0	1.0260	1.0256	-0.0004	-0.998	-0.9978	-0.0002
2024-03-11T10:19:37	3	0	105	105	0	1.0615	1.0612	-0.0003	0.9959	0.9958	0.0001
2024-03-11T10:19:43	3	0	108	103	5	0.9252	0.9256	0.0004	0.9616	0.9612	0.0004
2024-03-11T10:20:51	5	0	12	11	1	1.0351	1.0350	-0.0002	0.9997	0.9997	0.0000
2024-03-11T10:22:03	1	0	9	9	0	1.0365	1.0365	0.0000	-0.9928	-0.9928	0.0000
2024-03-11T10:22:21	3	0	1	0	1	1.0552	null	null	0.9996	0.9996	0.0000
2024-03-11T10:29:42	1	0	2	2	0	1.0364	1.0361	-0.0003	0.9943	0.9943	0.0000
2024-03-11T10:29:53	1	0	7	7	0	1.0298	1.0298	0.0000	0.9822	0.9821	0.0001
2024-03-11T10:31:21	1	0	3	4	-1	0.9430	0.9434	0.0004	1	1	0.0000
2024-03-11T10:32:47	1	0	5	5	0	1.0396	1.0394	-0.0002	0.9973	0.9973	0.0000
2024-03-11T10:33:23	3	0	4	3	1	1.0468	1.0465	-0.0003	-0.9903	-0.9909	0.0006
2024-03-11T10:36:00	1	0	10	10	0	1.0359	1.0359	0.0000	0.9998	0.9998	0.0000
2024-03-11T10:37:01	1	0	50	45	5	1.0558	1.0553	-0.0005	0.9921	0.9916	0.0005
2024-03-11T10:38:25	3	0	1	1	0	1.0334	1.0306	-0.0028	-0.9807	-0.9812	0.0005
2024-03-11T10:38:57	1	0	4	4	0	1.0457	1.0455	-0.0002	0.9821	0.982	0.0001
2024-03-11T10:40:34	1	0	1	1	0	1.0313	1.0310	-0.0003	0.9932	0.9932	0.0000
2024-03-11T10:40:44	1	0	2	2	0	1.0691	1.0689	-0.0003	0.9865	0.9864	0.0001
2024-03-11T10:40:47	1	0	2	2	0	0.9378	0.9379	0.0001	-1	-1	0.0000
2024-03-11T10:42:28	1	0	114	110	4	0.9370	0.9372	0.0002	0.9563	0.9563	0.0000
2024-03-11T10:42:50	1	0	2	2	0	1.0070	1.0062	-0.0008	0.9814	0.9812	0.0002
2024-03-11T10:43:17	1	0	6	6	0	1.0292	1.0292	-0.0001	0.9531	0.953	0.0001
2024-03-11T10:43:36	1	0	26	25	1	1.0507	1.0509	0.0002	0.9757	0.9753	0.0004
2024-03-11T10:44:46	3	0	34	32	2	1.0501	1.0498	-0.0003	0.9995	0.9994	0.0001
2024-03-11T10:45:19	3	0	57	55	2	1.0554	1.0552	-0.0002	-0.9988	-0.9989	0.0001
2024-03-11T10:45:40	1	0	132	130	2	0.9299	0.9304	0.0005	0.9713	0.9715	-0.0002
2024-03-11T10:46:10	1	0	2	2	0	0.9902	0.9900	-0.0002	-0.9968	-0.997	0.0002
2024-03-11T10:46:27	2	0	1	1	0	1.0243	1.0237	-0.0006	0.9801	0.9799	0.0002
2024-03-11T10:46:57	1	0	424	425	-1	1.0739	1.0739	0.0000	-0.8828	-0.8837	0.0009
2024-03-11T10:48:16	1	0	319	319	0	0.9937	0.9937	0.0000	0.964	0.9625	0.0015
2024-03-11T10:50:53	3	0	99	98	1	1.0555	1.0555	0.0000	-0.9883	-0.9882	-0.0001
2024-03-11T10:53:26	1	0	39	35	4	1.0552	1.0550	-0.0002	0.9998	0.9998	0.0000
2024-03-11T10:56:19	1	0	13	13	0	1.0461	1.0461	0.0000	0.9971	0.997	0.0001
2024-03-11T10:56:25	2	0	2	2	0	1.0299	1.0276	-0.0023	-0.9965	-0.9967	0.0002
2024-03-11T10:56:46	2	0	13	13	0	1.0463	1.0462	-0.0001	0.9952	0.9951	0.0001
2024-03-11T10:56:58	1	0	107	102	5	1.0567	1.0567	0.0001	0.9696	0.969	0.0006
2024-03-11T10:57:13	1	0	3	3	0	1.0077	1.0074	-0.0003	0.9899	0.9898	0.0001
2024-03-11T10:57:49	1	0	21	20	1	1.0485	1.0481	-0.0004	0.9922	0.9922	0.0000
2024-03-11T10:58:28	1	0	1	1	0	1.0168	1.0165	-0.0003	0.9043	0.904	0.0003
2024-03-11T10:59:51	2	0	5	5	0	1.0455	1.0452	-0.0002	0.9997	0.9996	0.0001
2024-03-11T10:59:59	3	0	41	40	1	1.0519	1.0517	-0.0001	0.9801	0.9801	0.0000
2024-03-11T11:00:39	1	0	5	4	1	1.0530	1.0515	-0.0015	0.9793	0.9792	0.0001
2024-03-11T11:01:11	2	0	3	3	0	1.0092	1.0092	0.0000	-0.9963	-0.9963	0.0000
2024-03-11T11:01:29	2	0	12	13	-1	1.0451	1.0458	0.0007	0.9911	0.9909	0.0002
2024-03-11T11:03:50	2	0	462	461	1	0.9613	0.9615	0.0002	0.9564	0.9563	0.0001
2024-03-11T11:04:13	1	0	36	36	0	1.0506	1.0506	0.0000	0.9999	0.9999	0.0000
2024-03-11T11:04:50	2	0	138	137	1	1.0720	1.0751	0.0031	0.9958	0.9958	0.0000
2024-03-11T11:07:11	1	0	16	16	0	1.0416	1.0416	0.0000	-0.9905	-0.9905	0.0000
2024-03-11T11:08:27	2	0	1	1	0	1.0205	1.0181	-0.0024	-0.98	-0.9838	0.0038
2024-03-11T11:12:03	1	0	41	39	2	1.0550	1.0549	-0.0001	0.9968	0.9968	0.0000

2024-03-11T11:12:32	1	0	8	7	1	1.0518	1.0505	-0.0013	0.9671	0.9669	0.0002
2024-03-11T11:13:49	1	0	2	2	0	1.0669	1.0662	-0.0008	-0.9864	-0.992	0.0056
2024-03-11T11:13:54	3	0	2	1	1	1.0483	1.0345	-0.0138	0.9909	0.9908	0.0001
2024-03-11T11:14:02	2	0	1	1	0	1.0253	1.0247	-0.0006	0.9654	0.9645	0.0009
2024-03-11T11:15:00	6	0	53	52	1	1.0533	1.0532	-0.0001	0.9814	0.9813	0.0001
2024-03-11T11:15:01	1	0	1	0	1	1.0564	null	null	0.9765	0.9762	0.0003
2024-03-11T11:15:27	1	0	99	94	5	1.0021	1.0020	-0.0001	0.9427	0.9426	0.0001
2024-03-11T11:16:38	1	0	2	2	0	1.0311	1.0309	-0.0002	-0.983	-0.983	0.0000
2024-03-11T11:17:56	3	0	466	462	4	0.9651	0.9651	-0.0001	0.956	0.9585	-0.0025
2024-03-11T11:19:47	2	0	22	22	0	0.9406	0.9406	-0.0001	0.9588	0.9575	0.0013
2024-03-11T11:20:27	7	0	1	0	1	1.0406	null	null	-0.9933	-0.9933	0.0000
2024-03-11T11:20:55	10	0	144	131	13	1.0586	1.0582	-0.0003	-0.987	-0.9872	0.0002
2024-03-11T11:21:26	1	0	11	11	0	1.0348	1.0348	0.0000	0.9996	0.9996	0.0000
2024-03-11T11:22:12	2	0	11	11	0	1.0323	1.0323	0.0000	-0.9904	-0.9904	0.0000
2024-03-11T11:23:28	2	0	2	2	0	1.0231	1.0198	-0.0033	-0.9824	-0.9829	0.0005
2024-03-11T11:24:41	2	0	45	42	3	1.0559	1.0558	-0.0002	0.9999	0.9999	0.0000
2024-03-11T11:26:05	1	0	1	1	0	1.0262	1.0259	-0.0003	0.9956	0.9956	0.0000
2024-03-11T11:26:43	3	0	3	3	0	1.0495	1.0489	-0.0006	-0.9948	-0.9953	0.0005
2024-03-11T11:27:01	1	0	30	29	1	1.0486	1.0484	-0.0002	-0.9982	-0.9982	0.0000
2024-03-11T11:28:26	2	0	2	2	0	1.0358	1.0350	-0.0008	0.9815	0.9812	0.0003
2024-03-11T11:29:23	1	0	1	0	1	1.0555	null	null	-0.9994	-0.9995	0.0001
2024-03-11T11:30:05	5	0	6	6	0	1.0492	1.0492	0.0000	0.9999	0.9968	0.0031
2024-03-11T11:30:08	4	0	42	42	0	1.0521	1.0521	-0.0001	0.9807	0.9807	0.0000
2024-03-11T11:31:13	3	0	2	7	-5	1.0470	1.0460	-0.0010	-0.9987	-0.9978	-0.0009
2024-03-11T11:31:17	3	0	15	15	0	1.0475	1.0475	0.0000	-0.9903	-0.9903	0.0000
2024-03-11T11:31:44	3	0	2	3	-1	1.0469	1.0463	-0.0006	0.9942	0.9942	0.0000
2024-03-11T11:32:31	1	0	2	2	0	1.0451	1.0446	-0.0005	0.9627	0.9616	0.0011
2024-03-11T11:32:33	4	0	2	2	0	1.0464	1.0464	0.0000	0.9755	0.9756	-0.0001
2024-03-11T11:32:43	2	0	19	18	1	1.0531	1.0528	-0.0003	0.9632	0.9625	0.0007
2024-03-11T11:32:51	2	0	9	10	-1	1.0447	1.0448	0.0001	0.9977	0.9976	0.0001
2024-03-11T11:33:23	9	0	449	437	12	0.9645	0.9652	0.0007	0.9555	0.9558	-0.0003
2024-03-11T11:35:40	1	0	58	57	1	0.9645	0.9629	-0.0016	-0.9979	-0.9979	0.0000
2024-03-11T11:38:29	4	0	3	3	0	1.0227	1.0227	0.0000	-0.9749	-0.9749	0.0000
2024-03-11T11:38:49	1	0	59	52	7	1.0552	1.0546	-0.0006	0.9997	0.9997	0.0000
2024-03-11T11:39:01	3	0	33	32	1	1.0569	1.0569	0.0000	0.9877	0.9877	0.0000
2024-03-11T11:42:01	2	0	148	149	-1	1.0584	1.0583	-0.0001	0.9682	0.9683	-0.0001
2024-03-11T11:42:27	3	0	3	3	0	1.0077	1.0077	0.0000	0.9886	0.9886	0.0000
2024-03-11T11:42:54	4	0	2	3	-1	1.0351	1.0270	-0.0081	0.9784	0.9785	-0.0001
2024-03-11T11:44:28	1	0	1	1	0	1.0566	1.0564	-0.0002	-0.9993	-0.9993	0.0000
2024-03-11T11:44:58	2	0	13	12	1	1.0270	1.0340	0.0070	0.9752	0.9752	0.0000
2024-03-11T11:45:08	7	0	53	52	1	1.0536	1.0535	-0.0001	0.9808	0.9807	0.0001
2024-03-11T11:45:12	2	0	11	11	0	0.9411	0.9416	0.0004	0.9665	0.9657	0.0008
2024-03-11T11:47:34	4	0	2	2	0	1.0468	1.0468	0.0000	0.974	0.9742	-0.0002
2024-03-11T11:47:45	2	0	25	24	1	1.0550	1.0547	-0.0003	0.9818	0.9817	0.0001
2024-03-11T11:48:34	8	0	351	351	0	0.9740	0.9741	0.0001	0.9552	0.9553	-0.0001
2024-03-11T11:48:36	2	0	1	1	0	1.0560	1.0554	-0.0006	0.9981	0.998	0.0001
2024-03-11T11:52:24	1	0	1	1	0	1.0283	1.0283	0.0000	0.9499	0.9499	0.0000
2024-03-11T11:52:34	1	0	22	22	0	1.0498	1.0492	-0.0007	-0.988	-0.988	0.0000
2024-03-11T11:52:38	2	0	35	34	1	1.0487	1.0483	-0.0004	0.9952	0.9952	0.0000
2024-03-11T11:53:57	1	0	67	67	0	1.0558	1.0556	-0.0002	0.9998	0.9998	0.0000
2024-03-11T11:55:35	6	0	31	28	3	1.0498	1.0492	-0.0007	-0.9999	-0.9999	0.0000
2024-03-11T11:57:02	1	0	4	4	0	1.0282	1.0281	-0.0001	0.8273	0.8269	0.0004
2024-03-11T11:57:04	1	0	279	278	1	1.0593	1.0593	0.0000	0.9695	0.9696	-0.0001
2024-03-11T11:57:53	1	0	53	51	2	1.0498	1.0495	-0.0002	0.9911	0.9911	0.0000
2024-03-11T11:57:55	4	0	1	1	0	1.0553	1.0553	0.0000	0.9803	0.9804	-0.0001
2024-03-11T11:58:31	1	0	3	3	0	1.0458	1.0455	-0.0003	0.9823	0.9825	-0.0002
2024-03-11T11:59:59	3	0	10	8	2	1.0218	1.0288	0.0070	0.9762	0.9763	-0.0001
2024-03-11T12:01:15	3	0	16	18	-2	1.0508	1.0502	-0.0006	-0.9963	-0.9962	-0.0001
2024-03-11T12:02:35	4	0	2	2	0	1.0471	1.0471	0.0000	0.9767	0.9769	-0.0002
2024-03-11T12:02:47	2	0	22	21	1	1.0546	1.0545	-0.0001	0.9866	0.9868	-0.0002
2024-03-11T12:03:09	1	0	16	15	1	1.0471	1.0464	-0.0007	0.9989	0.9989	0.0000
2024-03-11T12:03:24	1	0	9	9	0	1.0316	1.0315	-0.0001	0.9946	0.9946	0.0000
2024-03-11T12:09:36	1	0	3	3	0	1.0529	1.0527	-0.0002	0.9936	0.9935	0.0001
2024-03-11T12:12:54	1	0	79	78	1	1.0501	1.0501	-0.0001	0.9924	0.9924	0.0000
2024-03-11T12:15:17	3	0	23	14	9	0.9460	0.9497	0.0037	0.9635	0.9653	-0.0018
2024-03-11T12:16:37	2	0	6	5	1	1.0477	1.0458	-0.0020	0.9609	0.9608	0.0001
2024-03-11T12:16:46	1	0	36	35	1	0.9933	0.9915	-0.0018	-0.9992	-0.9992	0.0000
2024-03-11T12:18:10	2	0	12	12	0	1.0476	1.0475	-0.0001	-1	-1	0.0000
2024-03-11T12:23:32	3	0	2	2	0	1.0301	1.0300	0.0000	-0.9742	-0.9738	-0.0004
2024-03-11T12:23:44	1	0	44	42	2	1.0047	1.0022	-0.0025	-0.9992	-0.9992	0.0000
2024-03-11T12:27:04	1	0	3	3	0	1.0290	1.0290	0.0000	0.83	0.8303	-0.0003
2024-03-11T12:32:35	1	0	6	8	-2	1.0459	1.0472	0.0013	0.9619	0.9626	-0.0007
2024-03-11T12:37:39	2	0	1	2	-1	1.0266	1.0347	0.0081	-0.9924	-0.9923	-0.0001
2024-03-11T12:42:11	1	0	160	149	11	1.0574	1.0575	0.0001	0.9713	0.9708	0.0005
2024-03-11T12:42:56	1	0	86	85	1	1.0512	1.0511	0.0000	0.9916	0.9916	0.0000
2024-03-11T12:45:02	3	0	2	2	0	1.0437	1.0436	-0.0001	0.9853	0.9854	-0.0001
2024-03-11T12:49:10	1	0	1	1	0	1.0369	1.0369	0.0000	0.9942	0.9942	0.0000
2024-03-11T12:50:17	2	0	6	7	-1	1.0521	1.0512	-0.0009	0.9851	0.9853	-0.0002
2024-03-11T12:55:31	1	0	80	80	0	1.1449	1.1446	-0.0003	-0.9868	-0.9868	0.0000
2024-03-11T12:56:20	1	0	2	3	-1	1.0346	1.0359	0.0013	0.986	0.9861	-0.0001
2024-03-11T12:57:59	4	0	1	2	-1	1.0072	1.0060	-0.0012	0.9753	0.9755	-0.0002
2024-03-11T12:59:33	2	0	1	0	1	1.0577	null	null	-0.9993	-0.9993	0.0000
2024-03-11T13:01:24	1	0	5	5	0	1.0453	1.0453	0.0000	-0.9923	-0.9923	0.0000
2024-03-11T13:02:39	1	0	13	4	9	1.0478	1.0460	-0.0018	0.9822	0.9613	0.0209
2024-03-11T13:07:43	1	0	1	1	0	1.0403	1.0403	0.0000	0.9954	0.9954	0.0000

2024-03-11T13:10:32	1	0	82	81	1	1.1402	1.1426	0.0024	-0.991	-0.991	0.0000
2024-03-11T13:20:02	1	0	1	1	0	0.9353	0.9353	0.0000	0.9708	0.9708	0.0000
2024-03-11T13:23:48	1	0	36	35	1	0.9871	0.9850	-0.0020	-0.9992	-0.9992	0.0000
2024-03-11T13:34:54	1	0	6	6	0	1.0584	1.0583	0.0000	-0.9873	-0.9874	0.0001
2024-03-11T13:38:49	1	0	64	62	2	0.9798	0.9773	-0.0025	-0.9995	-0.9995	0.0000
2024-03-11T13:39:10	1	0	11	10	1	1.0507	1.0501	-0.0006	-1	-1	0.0000
2024-03-11T13:41:23	2	0	1	2	-1	1.0353	1.0349	-0.0004	0.984	0.9844	-0.0004
2024-03-11T13:43:02	2	0	3	3	0	1.0130	1.0128	-0.0001	0.9721	0.972	0.0001
2024-03-11T13:45:02	1	0	9	9	0	1.0453	1.0453	0.0000	0.9988	0.9988	0.0000
2024-03-11T13:45:21	8	0	65	63	2	1.0540	1.0540	0.0000	0.9808	0.9808	0.0000
2024-03-11T13:45:37	2	0	4	4	0	1.0520	1.0518	-0.0002	-0.9999	-0.9999	0.0000
2024-03-11T13:48:00	2	0	5	6	-1	1.0497	1.0490	-0.0007	0.9947	0.9948	-0.0001
2024-03-11T13:53:50	1	0	40	39	1	0.9867	0.9851	-0.0017	-0.999	-0.999	0.0000
2024-03-11T13:54:42	2	0	12	11	1	1.0482	1.0474	-0.0008	0.9892	0.9892	0.0000
2024-03-11T13:55:43	5	0	81	79	2	1.0514	1.0513	-0.0001	-0.9991	-0.999	-0.0001
2024-03-11T13:57:10	1	0	1	1	0	1.0279	1.0276	-0.0003	0.8246	0.8243	0.0003
2024-03-11T13:58:01	1	0	87	86	1	1.0511	1.0510	-0.0001	0.9884	0.9883	0.0001
2024-03-11T13:58:29	1	0	2	2	0	1.0223	1.0220	-0.0003	-0.9991	-0.9991	0.0000
2024-03-11T14:00:38	1	0	7	7	0	1.0561	1.0560	0.0000	-0.9939	-0.9939	0.0000
2024-03-11T14:00:41	1	0	5	5	0	1.0500	1.0499	-0.0001	0.8616	0.8614	0.0002
2024-03-11T14:01:23	1	0	23	22	1	1.0505	1.0505	0.0000	-0.9948	-0.9948	0.0000
2024-03-11T14:01:27	1	0	429	429	0	0.9840	0.9840	0.0001	0.9528	0.9529	-0.0001
2024-03-11T14:02:56	3	0	38	36	2	1.0564	1.0562	-0.0002	0.9933	0.9925	0.0008
2024-03-11T14:03:17	2	0	2	2	0	1.0458	1.0455	-0.0003	0.9979	0.9978	0.0001
2024-03-11T14:03:37	3	0	7	8	-1	1.0553	1.0555	0.0002	-0.9668	-0.9671	0.0003
2024-03-11T14:05:12	4	0	6	7	-1	1.0524	1.0531	0.0007	0.9893	0.9893	0.0000
2024-03-11T14:06:15	11	0	151	149	2	1.0570	1.0569	0.0000	-0.9829	-0.9829	0.0000
2024-03-11T14:06:21	4	0	4	4	0	1.0458	1.0457	-0.0001	0.9986	0.9986	0.0000
2024-03-11T14:07:17	1	0	6	8	-2	1.0391	1.0406	0.0015	0.9757	0.9757	0.0000
2024-03-11T14:08:51	1	0	32	31	1	0.9887	0.9865	-0.0022	-0.9988	-0.9988	0.0000
2024-03-11T14:10:36	1	0	80	80	0	1.1338	1.1331	-0.0007	-0.9828	-0.9898	0.0070
2024-03-11T14:11:25	1	0	3	3	0	1.0381	1.0380	0.0000	0.9864	0.9865	-0.0001
2024-03-11T14:11:38	7	0	10	6	4	1.0518	1.0479	-0.0039	-0.9915	-0.9917	0.0002
2024-03-11T14:11:44	1	0	414	413	1	0.9881	0.9883	0.0002	0.954	0.9542	-0.0002
2024-03-11T14:13:04	3	0	4	4	0	1.0086	1.0084	-0.0003	0.9738	0.9736	0.0002
2024-03-11T14:13:42	2	0	3	3	0	1.0439	1.0439	0.0000	0.9925	0.9924	0.0001
2024-03-11T14:14:31	2	0	1	1	0	1.0567	1.0556	-0.0011	0.9823	0.9811	0.0012
2024-03-11T14:15:22	1	0	95	93	2	0.9097	0.9121	0.0024	0.9787	0.979	-0.0003
2024-03-11T14:15:32	10	0	89	83	6	1.0546	1.0544	-0.0002	0.9818	0.9816	0.0002
2024-03-11T14:15:39	4	0	7	7	0	1.0564	1.0564	-0.0001	-0.9939	-0.9941	0.0002
2024-03-11T14:16:36	7	0	2	2	0	1.0335	1.0313	-0.0021	0.9965	0.9963	0.0002
2024-03-11T14:16:45	2	0	16	16	0	1.0477	1.0476	-0.0001	0.9979	0.9978	0.0001
2024-03-11T14:16:46	3	0	26	26	0	1.0566	1.0566	0.0000	0.9952	0.9952	0.0000
2024-03-11T14:17:18	2	0	245	232	13	1.0610	1.0607	-0.0004	0.9732	0.9731	0.0001
2024-03-11T14:17:42	1	0	8	7	1	1.0489	1.0476	-0.0013	0.9627	0.9617	0.0010
2024-03-11T14:17:57	3	0	49	49	0	1.0571	1.0569	-0.0001	0.9972	0.9969	0.0003
2024-03-11T14:18:18	2	0	14	14	0	1.0440	1.0440	0.0000	-1	-1	0.0000
2024-03-11T14:20:19	2	0	38	37	1	1.0592	1.0591	-0.0001	0.9893	0.9892	0.0001
2024-03-11T14:21:11	1	0	5	5	0	1.0503	1.0502	-0.0001	0.9831	0.9831	0.0000
2024-03-11T14:21:16	12	0	328	318	10	1.0598	1.0597	-0.0001	-0.9819	-0.9821	0.0002
2024-03-11T14:22:18	1	0	9	9	0	1.0425	1.0424	0.0000	0.9777	0.9777	0.0000
2024-03-11T14:23:52	1	0	45	41	4	1.0357	1.0336	-0.0021	-0.9983	-0.9983	0.0000
2024-03-11T14:24:18	1	0	2	2	0	1.0346	1.0342	-0.0005	0.9943	0.994	0.0003
2024-03-11T14:24:21	1	0	2	2	0	1.0113	1.0113	0.0000	0.9727	0.9727	0.0000
2024-03-11T14:24:32	1	0	13	12	1	1.0501	1.0495	-0.0006	-1	-1	0.0000
2024-03-11T14:25:59	3	0	20	18	2	1.0575	1.0557	-0.0018	0.9984	0.9984	0.0000
2024-03-11T14:26:03	2	0	2	2	0	1.0321	1.0321	-0.0001	1	1	0.0000
2024-03-11T14:26:33	3	0	45	43	2	1.0537	1.0537	0.0000	0.9974	0.9974	0.0000
2024-03-11T14:26:54	7	0	405	397	8	0.9917	0.9907	-0.0010	0.9514	0.9513	0.0001
2024-03-11T14:27:12	1	0	1	0	1	1.0142	null	null	0.971	0.9709	0.0001
2024-03-11T14:27:47	3	0	3	3	0	1.0155	1.0153	-0.0002	0.9908	0.9907	0.0001
2024-03-11T14:28:08	4	0	3	3	0	1.0144	1.0140	-0.0004	0.9705	0.9702	0.0003
2024-03-11T14:28:31	1	0	1	1	0	1.0113	1.0109	-0.0004	-0.9993	-0.9993	0.0000
2024-03-11T14:29:33	2	0	1	1	0	1.0576	1.0571	-0.0005	0.9804	0.9798	0.0006
2024-03-11T14:30:00	2	0	1	1	0	1.0378	1.0375	-0.0003	0.9979	0.9979	0.0000
2024-03-11T14:30:09	2	0	5	5	0	1.0272	1.0270	-0.0002	0.9856	0.9855	0.0001
2024-03-11T14:30:22	1	0	5	5	0	1.0417	1.0416	-0.0001	0.9999	0.9999	0.0000
2024-03-11T14:30:23	1	0	93	93	0	0.9128	0.9133	0.0006	0.9781	0.9782	-0.0001
2024-03-11T14:30:26	2	0	25	21	4	1.0535	1.0525	-0.0010	0.9954	0.9953	0.0001
2024-03-11T14:30:38	5	0	148	145	3	1.0553	1.0553	0.0000	0.9811	0.9811	0.0000
2024-03-11T14:30:40	4	0	7	7	0	1.0542	1.0541	-0.0001	-0.9891	-0.9893	0.0002
2024-03-11T14:30:55	1	0	2	2	0	1.0701	1.0700	-0.0002	-0.8571	-0.8549	-0.0022
2024-03-11T14:31:25	2	0	25	25	0	1.0493	1.0490	-0.0003	-0.9982	-0.9983	0.0001
2024-03-11T14:31:52	1	0	21	22	-1	1.0566	1.0565	-0.0001	0.9958	0.9958	0.0000
2024-03-11T14:32:21	2	0	134	132	2	1.0586	1.0585	-0.0001	0.9728	0.9725	0.0003
2024-03-11T14:32:43	1	0	7	7	0	1.0457	1.0456	-0.0001	0.9649	0.9645	0.0004
2024-03-11T14:32:45	5	0	22	20	2	1.0496	1.0487	-0.0008	0.9845	0.9839	0.0006
2024-03-11T14:32:58	3	0	41	37	4	1.0568	1.0569	0.0001	0.9953	0.995	0.0003
2024-03-11T14:33:03	1	0	5	5	0	1.0520	1.0519	0.0000	0.9968	0.9967	0.0001
2024-03-11T14:33:39	3	0	9	9	0	1.0559	1.0557	-0.0002	-0.9525	-0.9529	0.0004
2024-03-11T14:33:49	2	0	1	1	0	1.0567	1.0564	-0.0003	0.9998	0.9998	0.0000
2024-03-11T14:34:40	2	0	3	3	0	1.0604	1.0602	-0.0002	-0.9964	-0.9965	0.0001
2024-03-11T14:35:20	2	0	3	3	0	1.0586	1.0585	-0.0001	0.9972	0.9875	0.0097
2024-03-11T14:36:12	1	0	10	10	0	1.0488	1.0487	-0.0001	0.982	0.9819	0.0001
2024-03-11T14:36:29	9	0	314	307	7	1.0598	1.0597	0.0000	-0.9845	-0.9846	0.0001

2024-03-11T14:37:19	1	0	4	4	0	1.0337	1.0337	0.0000	0.9768	0.9768	0.0000
2024-03-11T14:38:43	3	0	1	1	0	1.0219	1.0199	-0.0020	-0.9737	-0.9744	0.0007
2024-03-11T14:38:51	1	0	1	1	0	1.0406	1.0402	-0.0004	0.9978	0.9978	0.0000
2024-03-11T14:38:53	1	0	56	54	2	1.0219	1.0204	-0.0015	-0.9986	-0.9986	0.0000
2024-03-11T14:39:22	1	0	8	7	1	1.0450	1.0433	-0.0016	0.9963	0.9962	0.0001
2024-03-11T14:39:42	1	0	13	12	1	1.0497	1.0492	-0.0006	1	1	0.0000
2024-03-11T14:39:42	1	0	18	16	2	1.0531	1.0541	0.0010	0.9822	0.9821	0.0001
2024-03-11T14:41:00	2	0	5	5	0	1.0513	1.0513	0.0000	0.9874	0.9874	0.0000
2024-03-11T14:41:07	2	0	4	4	0	0.9864	0.9864	0.0000	0.9999	0.9999	0.0000
2024-03-11T14:41:27	1	0	2	2	0	1.0410	1.0407	-0.0003	0.9859	0.9859	0.0000
2024-03-11T14:41:34	2	0	68	68	0	1.0531	1.0530	0.0000	0.9976	0.9975	0.0001
2024-03-11T14:42:13	3	0	3	3	0	1.0302	1.0300	-0.0002	0.8241	0.8216	0.0025
2024-03-11T14:42:16	1	0	16	16	0	1.0479	1.0479	0.0000	-0.9935	-0.9935	0.0000
2024-03-11T14:42:18	2	0	102	106	-4	1.0556	1.0557	0.0000	0.9966	0.9965	0.0001
2024-03-11T14:42:18	7	0	460	458	2	0.9921	0.9924	0.0003	0.9527	0.9528	-0.0001
2024-03-11T14:42:54	7	0	6	6	0	1.0122	1.0120	-0.0003	0.9911	0.9908	0.0003
2024-03-11T14:43:09	4	0	4	4	0	1.0229	1.0228	-0.0001	0.977	0.9769	0.0001
2024-03-11T14:43:32	1	0	1	1	0	1.0119	1.0119	0.0000	-0.9991	-0.9991	0.0000
2024-03-11T14:44:36	2	0	1	1	0	1.0594	1.0591	-0.0003	0.9838	0.9835	0.0003
2024-03-11T14:44:40	5	0	1	0	1	1.0314	null	null	-0.9981	-0.9982	0.0001
2024-03-11T14:45:31	1	0	93	93	0	0.9206	0.9209	0.0003	0.9752	0.9792	-0.0040
2024-03-11T14:45:34	2	0	19	18	1	1.0489	1.0483	-0.0006	0.9949	0.9949	0.0000
2024-03-11T14:45:41	4	0	6	6	0	1.0514	1.0514	0.0000	-0.9893	-0.9893	0.0000
2024-03-11T14:45:44	5	0	129	127	2	1.0550	1.0550	0.0000	0.9788	0.9788	0.0000
2024-03-11T14:45:59	1	0	2	2	0	1.0663	1.0660	-0.0003	-0.5124	-0.5091	-0.0033
2024-03-11T14:46:40	2	0	20	20	0	1.0434	1.0433	-0.0001	0.9969	0.9968	0.0001
2024-03-11T14:46:43	1	0	2	2	0	1.0408	1.0405	-0.0003	0.9849	0.9849	0.0000
2024-03-11T14:46:47	1	0	15	15	0	1.0473	1.0473	0.0000	0.9977	0.9977	0.0000
2024-03-11T14:46:57	1	0	16	16	0	1.0496	1.0496	0.0000	0.9965	0.9965	0.0000
2024-03-11T14:47:26	2	0	164	160	4	1.0604	1.0602	-0.0001	0.9724	0.9721	0.0003
2024-03-11T14:48:40	3	0	14	11	3	1.0555	1.0555	0.0000	-0.9542	-0.9548	0.0006
2024-03-11T14:49:41	1	0	4	4	0	1.0535	1.0533	-0.0002	-0.9957	-0.9958	0.0001
2024-03-11T14:51:30	4	0	256	256	0	1.0600	1.0600	0.0000	-0.9807	-0.9807	0.0000
2024-03-11T14:55:47	6	0	117	111	6	1.0528	1.0526	-0.0002	-0.9988	-0.9988	0.0000
2024-03-11T14:56:28	1	0	3	3	0	1.0390	1.0389	-0.0001	0.9868	0.9869	-0.0001
2024-03-11T14:56:35	2	0	97	92	5	1.0538	1.0537	-0.0001	0.9962	0.9962	0.0000
2024-03-11T14:56:47	7	0	23	21	2	1.0444	1.0427	-0.0016	-0.9902	-0.9906	0.0004
2024-03-11T14:57:19	1	0	171	170	1	1.0573	1.0573	0.0000	0.9965	0.9965	0.0000
2024-03-11T14:57:26	1	0	21	21	0	1.0445	1.0445	0.0000	-0.9989	-0.9989	0.0000
2024-03-11T14:58:03	2	0	6	6	0	1.0196	1.0194	-0.0002	0.99	0.9899	0.0001
2024-03-11T14:58:07	3	0	100	99	1	1.0548	1.0547	-0.0001	0.9833	0.9833	0.0000
2024-03-11T14:58:31	1	0	27	26	1	1.0477	1.0474	-0.0003	0.9958	0.9957	0.0001
2024-03-11T14:58:45	2	0	4	4	0	1.0306	1.0308	0.0002	0.9942	0.9942	0.0000
2024-03-11T15:00:29	5	0	6	6	0	1.0450	1.0449	-0.0001	-1	-1	0.0000
2024-03-11T15:00:37	1	0	2	0	2	1.0574	null	null	0.9831	0.983	0.0001
2024-03-11T15:00:40	2	0	24	23	1	1.0502	1.0496	-0.0006	0.997	0.997	0.0000
2024-03-11T15:01:48	1	0	39	39	0	1.0505	1.0505	0.0000	0.9991	0.9991	0.0000
2024-03-11T15:01:58	3	0	25	25	0	1.0546	1.0545	0.0000	0.9956	0.9955	0.0001
2024-03-11T15:02:31	1	0	214	202	12	1.0609	1.0607	-0.0002	0.9735	0.9733	0.0002
2024-03-11T15:02:49	2	0	4	4	0	1.0367	1.0367	-0.0001	0.9837	0.9836	0.0001
2024-03-11T15:03:14	2	0	6	6	0	1.0519	1.0518	-0.0001	-0.7888	-0.7898	0.0010
2024-03-11T15:08:55	1	0	44	41	3	1.0377	1.0362	-0.0015	-0.9979	-0.9979	0.0000
2024-03-11T15:11:00	6	0	71	68	3	1.0556	1.0555	0.0000	0.9948	0.9947	0.0001
2024-03-11T15:14:55	1	0	15	15	0	1.0403	1.0402	0.0000	0.9939	0.9938	0.0001
2024-03-11T15:15:21	2	0	6	6	0	1.0295	1.0295	0.0000	0.9847	0.9847	0.0000
2024-03-11T15:15:46	2	0	22	21	1	1.0497	1.0492	-0.0005	0.9972	0.9972	0.0000
2024-03-11T15:16:40	6	0	2	2	0	1.0345	1.0340	-0.0005	0.9974	0.9974	0.0000
2024-03-11T15:18:48	1	0	4	4	0	1.0321	1.0320	-0.0001	-0.9988	-0.9987	-0.0001
2024-03-11T15:20:23	1	0	1	1	0	0.9635	0.9643	0.0008	0.9978	0.9887	0.0091
2024-03-11T15:23:56	1	0	38	35	3	1.0234	1.0205	-0.0029	-0.9989	-0.9989	0.0000
2024-03-11T15:25:41	1	0	11	11	0	0.9484	0.9484	0.0000	0.9639	0.9638	0.0001
2024-03-11T15:26:30	1	0	2	2	0	1.0357	1.0355	-0.0003	0.9854	0.9855	-0.0001
2024-03-11T15:27:33	1	0	2	2	0	1.0574	1.0571	-0.0003	0.9811	0.981	0.0001
2024-03-11T15:28:50	1	0	66	65	1	1.0570	1.0571	0.0001	-0.9613	-0.9613	0.0000
2024-03-11T15:29:56	5	0	45	42	3	1.0494	1.0491	-0.0003	0.9963	0.9962	0.0001
2024-03-11T15:30:22	1	0	5	5	0	1.0303	1.0302	-0.0001	0.984	0.9839	0.0001
2024-03-11T15:30:39	1	0	15	14	1	1.0474	1.0467	-0.0007	-0.9999	-0.9999	0.0000
2024-03-11T15:30:51	2	0	30	29	1	1.0518	1.0515	-0.0003	0.9981	0.998	0.0001
2024-03-11T15:31:01	7	0	377	367	10	1.0568	1.0567	-0.0001	0.9812	0.981	0.0002
2024-03-11T15:38:57	1	0	33	31	2	1.0258	1.0238	-0.0020	-0.998	-0.998	0.0000
2024-03-11T15:48:33	2	0	229	229	0	1.0616	1.0615	0.0000	-0.9979	-0.9979	0.0000
2024-03-11T15:49:37	2	0	20	20	0	1.0540	1.0539	0.0000	-0.9982	-0.9983	0.0001
2024-03-11T15:50:48	1	0	2	2	0	1.0406	1.0405	-0.0002	0.995	0.9949	0.0001
2024-03-11T15:51:58	1	0	13	13	0	1.0476	1.0475	-0.0001	-0.9993	-0.9993	0.0000
2024-03-11T15:53:48	1	0	4	4	0	1.0318	1.0313	-0.0005	-0.9709	-0.9708	-0.0001
2024-03-11T15:53:54	1	0	1	1	0	1.0149	1.0147	-0.0002	0.9696	0.9695	0.0001
2024-03-11T15:53:58	1	0	34	30	4	1.0311	1.0277	-0.0034	-0.9983	-0.9983	0.0000
2024-03-11T15:56:57	1	0	18	18	0	1.0456	1.0456	0.0000	-0.9909	-0.991	0.0001
2024-03-11T15:57:27	1	0	64	61	3	1.0524	1.0522	-0.0002	-0.989	-0.9891	0.0001
2024-03-11T16:00:24	1	0	5	6	-1	1.0303	1.0161	-0.0142	0.9846	0.9845	0.0001
2024-03-11T16:18:06	1	0	64	64	0	1.0574	1.0574	0.0000	0.9997	0.9995	0.0002
2024-03-11T16:24:07	1	0	51	51	0	1.0478	1.0476	-0.0002	-0.9976	-0.9976	0.0000
2024-03-11T16:36:44	1	0	237	235	2	1.0589	1.0589	0.0000	-0.9888	-0.9888	0.0000
2024-03-11T16:45:16	1	0	1	1	0	1.0377	1.0375	-0.0002	0.9984	0.9984	0.0000
2024-03-11T16:48:28	2	0	21	21	0	1.0482	1.0482	0.0000	0.9999	0.9999	0.0000

2024-03-11T16:54:09	1	0	56	55	1	1.0513	1.0512	-0.0002	-0.9966	-0.9966	0.0000
2024-03-11T17:00:16	1	0	4	4	0	1.0490	1.0490	0.0000	0.9649	0.9649	0.0000
2024-03-11T17:24:04	8	0	1716	1581	135	0.5982	0.5701	-0.0281	0.8727	0.9766	-0.1039
2024-03-11T17:55:21	2	0	781	781	0	0.9058	0.9061	0.0003	0.9888	0.9889	-0.0001
2024-03-12T07:52:03	1	0	103	103	0	0.9317	0.9317	0.0000	0.9711	0.9711	0.0000
2024-03-12T07:55:44	1	0	42	41	1	0.9427	0.9427	0.0000	-0.9899	-0.9894	-0.0005
2024-03-12T08:20:31	2	0	137	134	3	1.0598	1.0598	-0.0001	-0.9996	-0.9996	0.0000
2024-03-12T08:21:59	1	0	120	119	1	1.0644	1.0643	0.0000	0.9909	0.9909	0.0000
2024-03-12T08:22:50	1	0	166	164	2	1.0623	1.0623	0.0000	0.9745	0.9744	0.0001
2024-03-12T08:23:20	4	0	425	425	0	1.0621	1.0621	0.0000	-0.9657	-0.9656	-0.0001
2024-03-12T08:26:59	2	0	57	57	0	1.0595	1.0595	0.0000	-0.9997	-0.9997	0.0000
2024-03-12T08:35:30	1	0	161	156	5	1.0598	1.0598	0.0000	0.986	0.9861	-0.0001
2024-03-12T08:38:30	1	0	385	384	1	1.0618	1.0618	0.0000	-0.9633	-0.9632	-0.0001
2024-03-12T08:47:24	3	0	112	111	1	1.0544	1.0544	0.0000	0.983	0.983	0.0000
2024-03-12T08:50:31	3	0	51	50	1	1.0579	1.0575	-0.0004	0.9866	0.9867	-0.0001
2024-03-12T08:51:20	1	0	1	1	0	1.0375	1.0375	0.0000	0.9926	0.9926	0.0000
2024-03-12T08:55:48	1	0	4	4	0	0.9724	0.9725	0.0001	-0.9912	-0.9893	-0.0019
2024-03-12T09:00:55	1	0	79	78	1	1.0556	1.0555	-0.0001	0.9851	0.9851	0.0000
2024-03-12T09:03:35	1	0	22	22	0	1.0506	1.0505	-0.0001	-0.9786	-0.9786	0.0000
2024-03-12T09:07:55	1	0	273	267	6	1.0598	1.0597	-0.0001	0.9749	0.9748	0.0001
2024-03-12T09:08:31	5	0	395	389	6	1.0618	1.0617	0.0000	-0.9727	-0.9727	0.0000
2024-03-12T09:13:11	1	0	3	3	0	0.9331	0.9332	0.0001	0.999	0.999	0.0000
2024-03-12T09:18:45	1	0	84	78	6	0.9262	0.9264	0.0002	0.9958	0.9958	0.0000
2024-03-12T09:18:54	1	0	6	6	0	0.9824	0.9826	0.0003	0.9816	0.9816	0.0000
2024-03-12T09:20:28	2	0	3	3	0	0.9736	0.9734	-0.0002	0.9987	0.9986	0.0001
2024-03-12T09:20:33	4	0	87	79	8	1.0591	1.0586	-0.0005	0.9859	0.9858	0.0001
2024-03-12T09:22:57	1	0	237	234	3	1.0608	1.0607	0.0000	0.9757	0.9756	0.0001
2024-03-12T09:23:32	6	0	872	862	10	1.0632	1.0632	0.0000	-0.9651	-0.9653	0.0002
2024-03-12T09:25:50	1	0	2	2	0	1.0294	1.0292	-0.0002	-0.9797	-0.9766	-0.0031
2024-03-12T09:35:34	1	0	1	1	0	1.0318	1.0313	-0.0005	0.9855	0.9854	0.0001
2024-03-12T09:38:02	1	0	192	189	3	1.0606	1.0605	-0.0001	0.9746	0.9744	0.0002
2024-03-12T09:43:29	1	0	1	0	1	1.0260	null	null	0.9969	0.9968	0.0001
2024-03-12T09:44:04	1	0	1	1	0	1.0555	1.0552	-0.0003	-0.9905	-0.9903	-0.0002
2024-03-12T09:45:53	2	0	126	123	3	0.9350	0.9357	0.0007	0.9884	0.9885	-0.0001
2024-03-12T09:45:58	1	0	19	19	0	1.0488	1.0488	0.0000	0.9902	0.9901	0.0001
2024-03-12T09:47:21	2	0	3	3	0	1.0293	1.0290	-0.0003	0.982	0.9819	0.0001
2024-03-12T09:48:38	2	0	19	19	0	1.0494	1.0493	-0.0001	-0.9684	-0.9684	0.0000
2024-03-12T09:48:47	1	0	7	7	0	0.9418	0.9418	0.0000	0.9832	0.9832	0.0000
2024-03-12T09:48:56	1	0	6	6	0	1.0182	1.0182	0.0000	0.9811	0.9811	0.0000
2024-03-12T09:49:51	1	0	2	2	0	1.0450	1.0447	-0.0003	0.9681	0.9674	0.0007
2024-03-12T09:50:12	2	0	3	3	0	1.0086	1.0082	-0.0004	0.9771	0.9772	-0.0001
2024-03-12T09:50:35	1	0	98	95	3	1.0604	1.0603	-0.0001	0.9865	0.9865	0.0000
2024-03-12T09:54:31	2	0	9	9	0	1.0515	1.0510	-0.0005	0.9679	0.9667	0.0012
2024-03-12T09:55:44	1	0	1	1	0	1.0096	1.0090	-0.0006	-0.9987	-0.9987	0.0000
2024-03-12T09:55:52	1	0	1	1	0	1.0293	1.0290	-0.0003	-0.9859	-0.9858	-0.0001
2024-03-12T09:58:30	2	0	1	1	0	1.0148	1.0143	-0.0005	-0.9796	-0.9796	0.0000
2024-03-12T09:58:37	1	0	1	1	0	1.0267	1.0263	-0.0004	0.9972	0.9972	0.0000
2024-03-12T09:58:55	2	0	5	4	1	1.0395	1.0423	0.0027	-0.9986	-0.9987	0.0001
2024-03-12T09:59:26	3	0	30	28	2	1.0526	1.0522	-0.0005	0.9994	0.9994	0.0000
2024-03-12T10:00:17	1	0	102	101	1	1.0524	1.0523	0.0000	0.998	0.998	0.0000
2024-03-12T10:01:05	1	0	27	27	0	1.0517	1.0516	-0.0001	0.9632	0.9628	0.0004
2024-03-12T10:01:33	1	0	11	11	0	1.0017	1.0017	0.0000	0.9909	0.9906	0.0003
2024-03-12T10:02:22	1	0	7	7	0	1.0312	1.0312	0.0000	0.9819	0.9819	0.0000
2024-03-12T10:02:52	2	0	43	42	1	0.9571	0.9574	0.0003	0.9369	0.9369	0.0000
2024-03-12T10:03:39	1	0	15	15	0	1.0480	1.0480	0.0000	-0.9696	-0.9693	-0.0003
2024-03-12T10:05:01	2	0	18	17	1	1.0515	1.0512	-0.0003	0.9946	0.9939	0.0007
2024-03-12T10:05:14	2	0	1	1	0	1.0415	1.0407	-0.0008	0.9789	0.9789	0.0000
2024-03-12T10:05:21	1	0	5	5	0	1.0501	1.0497	-0.0004	-0.7827	-0.7834	0.0007
2024-03-12T10:05:31	2	0	3	3	0	0.9747	0.9745	-0.0002	0.9974	0.9973	0.0001
2024-03-12T10:05:36	9	0	198	177	21	1.0643	1.0638	-0.0005	0.9871	0.9862	0.0009
2024-03-12T10:05:38	9	0	118	85	33	1.0578	1.0565	-0.0013	1	1	0.0000
2024-03-12T10:05:43	1	0	30	29	1	1.0462	1.0461	0.0000	-0.997	-0.9971	0.0001
2024-03-12T10:08:07	2	0	233	230	3	1.0618	1.0617	-0.0001	0.9742	0.9736	0.0006
2024-03-12T10:08:19	1	0	3	3	0	1.0321	1.0318	-0.0003	-0.9993	-0.9992	-0.0001
2024-03-12T10:08:44	13	0	396	364	32	1.0619	1.0617	-0.0002	-0.9727	-0.9731	0.0004
2024-03-12T10:09:33	2	0	87	53	34	1.0569	1.0561	-0.0008	0.9828	0.9817	0.0011
2024-03-12T10:10:33	1	0	29	27	2	1.0548	1.0546	-0.0002	0.9998	0.9998	0.0000
2024-03-12T10:10:55	1	0	1	1	0	1.0263	1.0247	-0.0016	-0.9879	-0.9878	-0.0001
2024-03-12T10:12:06	2	0	67	66	1	1.0602	1.0599	-0.0003	-0.9999	-0.9999	0.0000
2024-03-12T10:12:32	1	0	1	1	0	0.9879	0.9882	0.0003	-0.9758	-0.9757	-0.0001
2024-03-12T10:12:35	1	0	7	7	0	1.0183	1.0182	-0.0001	0.9724	0.9723	0.0001
2024-03-12T10:13:18	1	0	1	1	0	0.9384	0.9390	0.0006	1	1	0.0000
2024-03-12T10:13:56	1	0	7	7	0	1.0438	1.0435	-0.0003	-0.9986	-0.9987	0.0001
2024-03-12T10:14:06	1	0	1	1	0	1.0640	1.0635	-0.0005	-0.9892	-0.9892	0.0000
2024-03-12T10:14:24	2	0	17	17	0	1.0453	1.0452	0.0000	-0.9958	-0.9959	0.0001
2024-03-12T10:15:18	1	0	123	122	1	1.0535	1.0535	0.0000	0.9973	0.9973	0.0000
2024-03-12T10:15:40	1	0	14	14	0	1.0473	1.0473	0.0000	0.9935	0.9935	0.0000
2024-03-12T10:17:05	6	0	5	5	0	1.0155	1.0151	-0.0004	0.9926	0.9923	0.0003
2024-03-12T10:19:07	3	0	15	13	2	1.0485	1.0485	0.0001	0.9971	0.9971	0.0000
2024-03-12T10:19:53	1	0	2	2	0	1.0450	1.0447	-0.0003	0.9663	0.9655	0.0008
2024-03-12T10:20:32	1	0	4	4	0	0.9875	0.9874	-0.0002	0.9965	0.9965	0.0000
2024-03-12T10:21:04	1	0	2	2	0	1.0552	1.0550	-0.0002	-0.7277	-0.7332	0.0055
2024-03-12T10:21:46	1	0	18	18	0	0.9734	0.9732	-0.0002	0.9997	0.9997	0.0000
2024-03-12T10:23:56	2	0	257	256	1	1.0601	1.0601	0.0000	-0.9719	-0.972	0.0001
2024-03-12T10:24:35	1	0	84	83	1	1.0557	1.0556	0.0000	0.9785	0.9776	0.0009

2024-03-12T10:25:56	1	0	3	3	0	0.9818	0.9823	0.0005	-0.9901	-0.9898	-0.0003
2024-03-12T10:26:40	1	0	2	2	0	1.0597	1.0594	-0.0003	0.9792	0.9791	0.0001
2024-03-12T10:27:33	2	0	2	2	0	0.9979	0.9981	0.0002	-0.971	-0.9708	-0.0002
2024-03-12T10:28:45	1	0	29	30	-1	1.0523	1.0523	0.0000	0.9998	0.9997	0.0001
2024-03-12T10:29:55	1	0	11	10	1	1.0520	1.0513	-0.0008	0.9704	0.9703	0.0001
2024-03-12T10:32:31	1	0	1	0	1	1.0561	null	null	0.963	0.9628	0.0002
2024-03-12T10:32:46	3	0	70	66	4	1.0554	1.0556	0.0002	-0.9933	-0.9935	0.0002
2024-03-12T10:33:50	2	0	45	40	5	1.0595	1.0598	0.0003	0.9967	0.9966	0.0001
2024-03-12T10:35:55	3	0	7	6	1	1.0532	1.0522	-0.0010	-0.9962	-0.9968	0.0006
2024-03-12T10:36:54	2	0	1	1	0	1.0304	1.0298	-0.0006	-0.9993	-0.9993	0.0000
2024-03-12T10:38:25	1	0	1	1	0	1.0386	1.0386	0.0000	0.9996	0.9996	0.0000
2024-03-12T10:39:29	4	0	169	169	0	1.0635	1.0634	-0.0001	0.9599	0.9597	0.0002
2024-03-12T10:40:57	1	0	1	1	0	1.0315	1.0312	-0.0003	-0.9834	-0.9833	-0.0001
2024-03-12T10:42:00	1	0	1	1	0	1.0569	1.0566	-0.0003	0.9898	0.9895	0.0003
2024-03-12T10:42:56	6	0	53	50	3	1.0508	1.0505	-0.0004	-0.9998	-0.9998	0.0000
2024-03-12T10:43:44	1	0	2	2	0	1.0286	1.0283	-0.0003	0.9967	0.9966	0.0001
2024-03-12T10:43:58	2	0	11	10	1	1.0474	1.0466	-0.0008	-0.998	-0.998	0.0000
2024-03-12T10:44:37	2	0	19	18	1	1.0417	1.0420	0.0002	0.9992	0.9992	0.0000
2024-03-12T10:44:37	1	0	4	4	0	1.0324	1.0323	-0.0001	0.969	0.9689	0.0001
2024-03-12T10:45:20	5	0	177	166	11	1.0547	1.0547	0.0000	0.9983	0.9982	0.0001
2024-03-12T10:45:25	1	0	4	4	0	0.9950	0.9948	-0.0002	0.9714	0.9712	0.0002
2024-03-12T10:46:47	2	0	2	2	0	1.0369	1.0367	-0.0003	0.9827	0.9812	0.0015
2024-03-12T10:47:17	5	0	32	29	3	1.0499	1.0495	-0.0004	0.9992	0.9991	0.0001
2024-03-12T10:47:25	4	0	15	14	1	1.0302	1.0365	0.0063	0.9801	0.9798	0.0003
2024-03-12T10:47:47	1	0	70	69	1	1.0556	1.0556	0.0000	-0.9942	-0.9941	-0.0001
2024-03-12T10:48:10	1	0	11	10	1	1.0531	1.0522	-0.0009	0.9779	0.9778	0.0001
2024-03-12T10:48:56	2	0	1	1	0	1.0251	1.0246	-0.0005	0.9974	0.9973	0.0001
2024-03-12T10:49:16	1	0	1	1	0	1.0122	1.0117	-0.0005	0.9718	0.9715	0.0003
2024-03-12T10:50:02	4	0	19	17	2	1.0482	1.0484	0.0002	0.9822	0.9816	0.0006
2024-03-12T10:50:17	1	0	3	3	0	1.0501	1.0500	-0.0001	0.9933	0.9931	0.0002
2024-03-12T10:51:06	1	0	11	10	1	1.0530	1.0536	0.0006	-0.192	-0.1993	0.0073
2024-03-12T10:53:27	4	0	4	4	0	1.0341	1.0332	-0.0008	0.9862	0.9858	0.0004
2024-03-12T10:54:30	1	0	148	148	0	1.0634	1.0634	0.0000	0.9587	0.9587	0.0000
2024-03-12T10:54:51	2	0	1	1	0	1.0563	1.0556	-0.0007	0.9962	0.996	0.0002
2024-03-12T10:57:57	5	0	74	71	3	1.0514	1.0511	-0.0003	-0.9991	-0.9991	0.0000
2024-03-12T10:58:20	2	0	5	5	0	1.0546	1.0543	-0.0002	0.9971	0.997	0.0001
2024-03-12T10:58:21	1	0	2	2	0	0.9410	0.9411	0.0001	0.9998	0.9998	0.0000
2024-03-12T10:58:47	2	0	49	48	1	1.0557	1.0556	-0.0001	0.9998	0.9998	0.0000
2024-03-12T10:59:38	2	0	20	19	1	1.0422	1.0423	0.0001	0.9988	0.9988	0.0000
2024-03-12T10:59:57	5	0	14	11	3	1.0521	1.0513	-0.0008	0.9713	0.971	0.0003
2024-03-12T11:00:57	1	0	2	2	0	1.0355	1.0354	-0.0002	0.9988	0.9988	0.0000
2024-03-12T11:01:37	2	0	1	1	0	1.0336	1.0330	-0.0006	0.9643	0.9633	0.0010
2024-03-12T11:02:18	4	0	46	43	3	1.0540	1.0533	-0.0007	0.9993	0.9992	0.0001
2024-03-12T11:02:24	1	0	6	6	0	1.0163	1.0161	-0.0002	0.9906	0.9905	0.0001
2024-03-12T11:03:11	3	0	13	11	2	1.0537	1.0530	-0.0006	0.9752	0.9749	0.0003
2024-03-12T11:04:00	1	0	77	76	1	1.0551	1.0550	0.0000	0.9995	0.9995	0.0000
2024-03-12T11:05:24	3	0	4	3	1	1.0455	1.0395	-0.0060	0.999	0.999	0.0000
2024-03-12T11:05:27	2	0	6	6	0	1.0547	1.0546	-0.0001	-0.7725	-0.7738	0.0013
2024-03-12T11:05:35	1	0	13	12	1	1.0467	1.0458	-0.0009	0.9988	0.9988	0.0000
2024-03-12T11:06:49	2	0	10	10	0	1.0484	1.0484	-0.0001	-0.9994	-0.9994	0.0000
2024-03-12T11:06:56	1	0	3	3	0	1.0508	1.0506	-0.0002	-0.9989	-0.9989	0.0000
2024-03-12T11:07:10	1	0	2	2	0	1.0561	1.0557	-0.0004	0.9915	0.9786	0.0129
2024-03-12T11:07:58	1	0	2	2	0	1.0495	1.0491	-0.0003	0.9907	0.9906	0.0001
2024-03-12T11:09:08	6	0	211	206	5	1.0610	1.0610	-0.0001	-0.9619	-0.9622	0.0003
2024-03-12T11:10:04	2	0	46	45	1	1.0485	1.0482	-0.0003	0.9946	0.9946	0.0000
2024-03-12T11:10:49	1	0	1	0	1	1.0111	null	null	-0.9957	-0.9956	-0.0001
2024-03-12T11:10:59	1	0	3	3	0	1.0218	1.0215	-0.0003	-0.9847	-0.9847	0.0000
2024-03-12T11:12:58	6	0	113	108	5	1.0531	1.0530	-0.0001	-0.9997	-0.9997	0.0000
2024-03-12T11:13:12	4	0	20	17	3	1.0490	1.0495	0.0006	0.9865	0.9862	0.0003
2024-03-12T11:13:47	2	0	21	20	1	1.0512	1.0507	-0.0004	-0.9892	-0.9894	0.0002
2024-03-12T11:14:10	3	0	4	4	0	1.0524	1.0519	-0.0005	-0.9852	-0.986	0.0008
2024-03-12T11:14:39	2	0	19	19	0	1.0423	1.0423	0.0000	0.999	0.999	0.0000
2024-03-12T11:15:44	1	0	18	18	0	1.0479	1.0478	-0.0001	0.9933	0.9933	0.0000
2024-03-12T11:16:02	5	0	2	0	2	1.0552	null	null	0.9931	0.993	0.0001
2024-03-12T11:17:06	1	0	2	2	0	1.0381	1.0376	-0.0005	0.9953	0.9952	0.0001
2024-03-12T11:17:09	1	0	9	9	0	1.0320	1.0319	-0.0001	0.9892	0.9891	0.0001
2024-03-12T11:17:26	3	0	97	91	6	1.0585	1.0583	-0.0002	0.9985	0.9985	0.0000
2024-03-12T11:17:34	8	0	34	32	2	1.0525	1.0522	-0.0003	0.978	0.9778	0.0002
2024-03-12T11:17:49	1	0	99	98	1	1.0566	1.0566	0.0000	-0.9952	-0.9952	0.0000
2024-03-12T11:18:12	2	0	20	17	3	1.0537	1.0536	-0.0001	0.9778	0.9774	0.0004
2024-03-12T11:18:44	1	0	34	33	1	1.0509	1.0509	0.0000	-0.9536	-0.9537	0.0001
2024-03-12T11:19:01	1	0	90	89	1	1.0554	1.0554	0.0000	0.9998	0.9998	0.0000
2024-03-12T11:19:02	1	0	6	5	1	1.0390	1.0349	-0.0040	0.9885	0.9884	0.0001
2024-03-12T11:19:07	1	0	1	1	0	1.0357	1.0354	-0.0003	-0.9775	-0.9776	0.0001
2024-03-12T11:19:11	5	0	68	69	-1	1.0549	1.0550	0.0001	0.997	0.9969	0.0001
2024-03-12T11:21:53	2	0	16	16	0	0.9174	0.9185	0.0011	0.8132	0.8155	-0.0023
2024-03-12T11:22:11	1	0	4	4	0	1.0488	1.0484	-0.0004	0.9803	0.9802	0.0001
2024-03-12T11:23:25	2	0	332	324	8	1.0620	1.0618	-0.0003	0.976	0.9757	0.0003
2024-03-12T11:27:40	1	0	3	3	0	1.0330	1.0330	0.0000	0.9669	0.9669	0.0000
2024-03-12T11:27:56	1	0	5	4	1	1.0589	1.0569	-0.0019	-0.9996	-0.9999	0.0003
2024-03-12T11:28:49	3	0	86	85	1	1.0557	1.0557	0.0000	0.9999	0.9999	0.0000
2024-03-12T11:28:59	2	0	3	4	-1	1.0273	1.0278	0.0005	0.9962	0.9962	0.0000
2024-03-12T11:29:44	1	0	23	23	0	1.0478	1.0478	0.0000	-0.994	-0.994	0.0000
2024-03-12T11:30:04	1	0	16	15	1	1.0534	1.0532	-0.0002	0.9709	0.9708	0.0001
2024-03-12T11:31:03	1	0	1	1	0	1.0554	1.0550	-0.0004	0.9936	0.9935	0.0001

2024-03-12T11:31:39	2	0	7	7	0	0.9941	0.9941	0.0000	0.9858	0.9854	0.0004
2024-03-12T11:31:53	2	0	3	3	0	1.0427	1.0427	-0.0001	0.9789	0.9787	0.0002
2024-03-12T11:31:54	2	0	1	0	1	1.0551	null	null	-0.9987	-0.9987	0.0000
2024-03-12T11:32:09	1	0	1	1	0	1.0392	1.0389	-0.0003	0.995	0.995	0.0000
2024-03-12T11:32:40	7	0	5	6	-1	1.0122	1.0130	0.0008	0.9901	0.9901	0.0000
2024-03-12T11:32:58	2	0	6	6	0	1.0519	1.0519	0.0000	0.9464	0.9464	0.0000
2024-03-12T11:34:03	1	0	5	5	0	1.0540	1.0539	0.0000	0.9816	0.9816	0.0000
2024-03-12T11:34:16	2	0	18	14	4	1.0553	1.0553	0.0000	0.9992	0.9991	0.0001
2024-03-12T11:35:59	3	0	8	9	-1	1.0539	1.0543	0.0003	-0.9977	-0.9976	-0.0001
2024-03-12T11:36:18	2	0	4	4	0	1.0581	1.0581	0.0000	-0.8896	-0.8878	-0.0018
2024-03-12T11:38:30	4	0	231	229	2	1.0576	1.0575	-0.0001	0.9726	0.9725	0.0001
2024-03-12T11:42:41	1	0	5	5	0	1.0348	1.0348	0.0000	0.9713	0.9714	-0.0001
2024-03-12T11:43:15	3	0	4	4	0	1.0430	1.0430	0.0000	0.9825	0.9826	-0.0001
2024-03-12T11:46:40	2	0	11	11	0	1.0037	1.0037	0.0000	0.9856	0.9854	0.0002
2024-03-12T11:46:55	2	0	1	0	1	1.0554	null	null	-0.9966	-0.9967	0.0001
2024-03-12T11:47:47	7	0	4	5	-1	1.0166	1.0136	-0.0030	0.99	0.9901	-0.0001
2024-03-12T11:47:48	1	0	94	93	1	0.9126	0.9149	0.0023	0.9596	0.9601	-0.0005
2024-03-12T11:47:59	2	0	8	8	0	1.0562	1.0562	0.0000	0.9503	0.9503	0.0000
2024-03-12T11:48:29	1	0	6	6	0	1.0456	1.0455	-0.0001	0.9639	0.9638	0.0001
2024-03-12T11:49:04	2	0	11	11	0	1.0557	1.0554	-0.0003	0.9897	0.9896	0.0001
2024-03-12T11:49:59	1	0	7	8	-1	1.0460	1.0473	0.0013	0.9599	0.9602	-0.0003
2024-03-12T11:50:54	1	0	5	5	0	1.0495	1.0494	-0.0001	0.9942	0.9941	0.0001
2024-03-12T11:51:22	1	0	2	2	0	1.0712	1.0712	0.0000	-0.8055	-0.8067	0.0012
2024-03-12T11:51:59	3	0	2	2	0	1.0584	1.0584	0.0000	-0.9984	-0.9984	0.0000
2024-03-12T11:53:33	3	0	192	192	0	1.0577	1.0576	-0.0001	0.9708	0.9709	-0.0001
2024-03-12T11:58:27	1	0	13	12	1	1.0519	1.0516	-0.0003	0.9823	0.9823	0.0000
2024-03-12T11:59:46	1	0	24	23	1	1.0477	1.0474	-0.0003	-0.9945	-0.9945	0.0000
2024-03-12T12:00:09	1	0	9	10	-1	1.0536	1.0541	0.0005	0.9688	0.9689	-0.0001
2024-03-12T12:06:01	3	0	23	23	0	1.0562	1.0559	-0.0003	-0.9991	-0.9992	0.0001
2024-03-12T12:07:00	3	0	2	2	0	1.0570	1.0570	0.0000	-0.9981	-0.9981	0.0000
2024-03-12T12:07:27	1	0	21	20	1	1.0498	1.0495	-0.0003	0.9994	0.9994	0.0000
2024-03-12T12:08:36	4	0	306	306	0	1.0596	1.0595	-0.0001	0.9712	0.9713	-0.0001
2024-03-12T12:16:06	1	0	4	4	0	1.0503	1.0503	0.0000	0.994	0.994	0.0000
2024-03-12T12:17:38	3	0	39	38	1	1.0538	1.0537	-0.0001	0.9767	0.9766	0.0001
2024-03-12T12:17:54	7	0	4	5	-1	1.0207	1.0188	-0.0020	0.9912	0.9913	-0.0001
2024-03-12T12:27:44	1	0	7	8	-1	1.0332	1.0305	-0.0027	0.964	0.9641	-0.0001
2024-03-12T12:29:48	1	0	31	32	-1	1.0490	1.0489	-0.0001	-0.9915	-0.9914	-0.0001
2024-03-12T12:31:43	2	0	13	13	0	1.0200	1.0200	0.0000	0.9856	0.9857	-0.0001
2024-03-12T12:47:20	1	0	1	1	0	1.0553	1.0552	-0.0001	0.995	0.995	0.0000
2024-03-12T12:49:08	2	0	5	6	-1	1.0551	1.0559	0.0008	0.9806	0.9806	0.0000
2024-03-12T12:50:59	1	0	1	1	0	1.0570	1.0570	0.0000	0.9958	0.9959	-0.0001
2024-03-12T12:51:26	2	0	4	6	-2	1.0595	1.0550	-0.0045	-0.9476	-0.9503	0.0027
2024-03-12T12:58:02	1	0	1	1	0	1.0581	1.0581	0.0000	-1	-0.9994	-0.0006
2024-03-12T12:58:10	7	0	2	3	-1	1.0138	1.0117	-0.0020	0.9905	0.9906	-0.0001
2024-03-12T12:58:22	4	0	2	2	0	1.0468	1.0468	0.0000	0.9842	0.9846	-0.0004
2024-03-12T12:59:49	1	0	5	5	0	1.0658	1.0655	-0.0003	0.984	0.984	0.0000
2024-03-12T13:02:21	3	0	10	10	0	1.0541	1.0537	-0.0004	0.9968	0.9967	0.0001
2024-03-12T13:05:50	1	0	70	71	-1	1.0579	1.0579	0.0000	0.9998	0.9998	0.0000
2024-03-12T13:14:51	1	0	31	31	0	1.0482	1.0483	0.0001	-0.9908	-0.9907	-0.0001
2024-03-12T13:19:06	2	0	3	2	1	1.0435	1.0367	-0.0068	0.9302	0.9301	0.0001
2024-03-12T13:28:04	1	0	80	80	0	1.1184	1.1179	-0.0005	-0.998	-0.998	0.0000
2024-03-12T13:28:07	4	0	1	1	0	1.0450	1.0450	0.0000	-0.998	-0.9979	-0.0001
2024-03-12T13:36:30	1	0	3	3	0	1.0668	1.0667	-0.0001	-0.8573	-0.8567	-0.0006
2024-03-12T13:38:52	1	0	252	235	17	1.0583	1.0581	-0.0002	0.9671	0.9669	0.0002
2024-03-12T13:44:17	2	0	1	2	-1	1.0330	1.0322	-0.0009	0.9968	0.9969	-0.0001
2024-03-12T13:44:53	2	0	61	60	1	1.0522	1.0520	-0.0001	-0.9894	-0.9895	0.0001
2024-03-12T13:45:17	1	0	1	1	0	1.0560	1.0556	-0.0004	-1	1	0.0000
2024-03-12T13:47:26	2	0	2	2	0	1.0370	1.0366	-0.0004	0.9962	0.9962	0.0000
2024-03-12T13:47:44	4	0	49	47	2	1.0546	1.0545	-0.0001	0.9727	0.9726	0.0001
2024-03-12T13:48:11	1	0	1	0	1	1.0551	null	null	0.8497	0.8497	0.0000
2024-03-12T13:51:07	1	0	5	5	0	1.0522	1.0520	-0.0001	0.9984	0.9984	0.0000
2024-03-12T13:58:06	1	0	79	79	0	1.1395	1.1393	-0.0001	-0.9999	-0.9999	0.0000
2024-03-12T14:02:49	5	0	54	52	2	1.0549	1.0548	-0.0001	0.972	0.9718	0.0002
2024-03-12T14:02:49	1	0	17	17	0	0.9383	0.9387	0.0004	-0.9861	-0.986	-0.0001
2024-03-12T14:03:08	2	0	10	10	0	1.0487	1.0487	0.0000	0.9496	0.9496	0.0000
2024-03-12T14:04:04	4	0	2	2	0	1.0313	1.0303	-0.0010	0.9872	0.9869	0.0003
2024-03-12T14:04:09	2	0	2	3	-1	1.0350	1.0419	0.0069	0.9814	0.9815	-0.0001
2024-03-12T14:05:39	4	0	24	24	0	1.0547	1.0546	-0.0001	-0.6958	-0.6941	-0.0017
2024-03-12T14:05:47	4	0	18	16	2	1.0515	1.0509	-0.0006	0.9996	0.9996	0.0000
2024-03-12T14:06:32	1	0	5	5	0	1.0560	1.0559	-0.0001	-0.8515	-0.8511	-0.0004
2024-03-12T14:07:47	1	0	15	15	0	1.0489	1.0489	0.0000	-0.9994	-0.9994	0.0000
2024-03-12T14:08:56	3	0	291	288	3	1.0596	1.0595	-0.0001	0.9717	0.9713	0.0004
2024-03-12T14:09:33	24	0	565	555	10	1.0638	1.0640	0.0003	-0.953	-0.9538	0.0008
2024-03-12T14:09:50	3	0	17	17	0	1.0509	1.0509	-0.0001	0.9734	0.9736	-0.0002
2024-03-12T14:11:30	2	0	39	41	-2	1.0538	1.0539	0.0001	-1	-1	0.0000
2024-03-12T14:12:15	2	0	2	2	0	1.0573	1.0569	-0.0005	0.9926	0.9926	0.0000
2024-03-12T14:12:51	1	0	5	5	0	1.0196	1.0196	0.0000	0.9672	0.9671	0.0001
2024-03-12T14:14:00	3	0	93	93	0	1.0589	1.0589	0.0000	-0.9999	-0.9999	0.0000
2024-03-12T14:14:29	1	0	3	3	0	1.0330	1.0327	-0.0004	0.9964	0.9964	0.0000
2024-03-12T14:14:55	1	0	62	58	4	1.0519	1.0518	-0.0001	-0.9899	-0.99	0.0001
2024-03-12T14:15:22	4	0	42	39	3	1.0563	1.0560	-0.0002	0.9666	0.9664	0.0002
2024-03-12T14:17:05	2	0	1	1	0	1.0559	1.0556	-0.0003	0.9982	0.9982	0.0000
2024-03-12T14:17:06	2	0	1	1	0	1.0619	1.0618	-0.0001	0.9795	0.9794	0.0001
2024-03-12T14:17:34	2	0	2	2	0	1.0346	1.0342	-0.0004	0.9949	0.9949	0.0000
2024-03-12T14:17:50	7	0	57	55	2	1.0550	1.0549	-0.0001	0.9718	0.9716	0.0002

2024-03-12T14:17:58	1	0	93	93	0	0.9217	0.9218	0.0001	0.9551	0.9551	0.0000
2024-03-12T14:18:39	1	0	12	12	0	1.0485	1.0485	0.0000	0.9526	0.9526	0.0000
2024-03-12T14:19:05	6	0	2	2	0	1.0320	1.0310	-0.0011	0.9902	0.9899	0.0003
2024-03-12T14:19:10	2	0	2	2	0	1.0343	1.0342	-0.0002	0.9808	0.9807	0.0001
2024-03-12T14:19:16	1	0	229	77	152	1.0654	1.0622	-0.0032	0.9862	0.9817	0.0045
2024-03-12T14:19:19	1	0	18	18	0	1.0495	1.0494	0.0000	-0.987	-0.987	0.0000
2024-03-12T14:19:21	1	0	7	7	0	1.0463	1.0463	0.0000	0.9991	0.9981	0.0010
2024-03-12T14:20:09	1	0	9	9	0	1.0491	1.0490	-0.0001	0.9619	0.9615	0.0004
2024-03-12T14:20:21	8	0	3	3	0	1.0496	1.0496	0.0000	0.8201	0.8204	-0.0003
2024-03-12T14:20:31	1	0	11	11	0	1.0541	1.0541	0.0000	0.9923	0.9876	0.0047
2024-03-12T14:20:43	3	0	23	23	0	1.0544	1.0543	0.0000	-0.69	-0.6906	0.0006
2024-03-12T14:20:48	6	0	39	37	2	1.0565	1.0563	-0.0002	-0.997	-0.9972	0.0002
2024-03-12T14:21:16	4	0	30	30	0	1.0478	1.0478	0.0000	-0.999	-0.9991	0.0001
2024-03-12T14:21:33	1	0	2	2	0	1.0707	1.0702	-0.0006	-0.6721	-0.6672	-0.0049
2024-03-12T14:23:59	3	0	380	373	7	1.0602	1.0601	-0.0001	0.9717	0.9712	0.0005
2024-03-12T14:24:44	1	0	220	219	1	1.0597	1.0597	0.0000	-0.9498	-0.9497	-0.0001
2024-03-12T14:24:54	3	0	520	511	9	1.0773	1.0771	-0.0002	-0.9978	-0.9986	0.0008
2024-03-12T14:26:37	1	0	14	14	0	1.0478	1.0478	0.0000	-0.9999	-0.9999	0.0000
2024-03-12T14:27:46	1	0	13	13	0	1.0473	1.0473	0.0000	0.9882	0.9883	-0.0001
2024-03-12T14:29:01	1	0	78	77	1	1.0580	1.0580	0.0000	-1	-1	0.0000
2024-03-12T14:29:23	3	0	6	6	0	1.0444	1.0443	-0.0001	-0.9958	-0.9956	-0.0002
2024-03-12T14:29:40	2	0	6	6	0	1.0331	1.0330	-0.0002	0.9963	0.9962	0.0001
2024-03-12T14:30:00	1	0	2	2	0	1.0337	1.0337	-0.0001	0.9954	0.9954	0.0000
2024-03-12T14:30:08	2	0	114	110	4	1.0539	1.0538	-0.0002	-0.9875	-0.9876	0.0001
2024-03-12T14:30:28	1	0	34	33	1	1.0557	1.0557	-0.0001	0.969	0.9689	0.0001
2024-03-12T14:31:17	2	0	2	1	1	1.0559	1.0558	-0.0001	0.975	0.9748	0.0002
2024-03-12T14:32:06	2	0	1	0	1	1.0551	null	null	0.9985	0.9985	0.0000
2024-03-12T14:32:08	2	0	2	2	0	1.0496	1.0493	-0.0004	0.9769	0.976	0.0009
2024-03-12T14:32:34	1	0	1	1	0	1.0384	1.0382	-0.0002	0.9987	0.9987	0.0000
2024-03-12T14:32:56	3	0	50	50	0	1.0545	1.0545	0.0000	0.9714	0.9713	0.0001
2024-03-12T14:32:59	1	0	93	93	0	0.9216	0.9222	0.0006	0.9592	0.9594	-0.0002
2024-03-12T14:33:40	1	0	7	7	0	1.0473	1.0472	0.0000	0.9474	0.9474	0.0000
2024-03-12T14:33:57	1	0	51	49	2	1.0553	1.0552	-0.0001	-0.9773	-0.9776	0.0003
2024-03-12T14:34:06	4	0	2	0	2	1.0309	null	null	0.9896	0.9895	0.0001
2024-03-12T14:34:11	3	0	5	5	0	1.0444	1.0440	-0.0003	0.9804	0.9802	0.0002
2024-03-12T14:34:34	2	0	49	49	0	1.0584	1.0583	-0.0001	0.9917	0.9917	0.0000
2024-03-12T14:35:19	2	0	17	17	0	1.0495	1.0495	-0.0001	0.981	0.9808	0.0002
2024-03-12T14:35:32	1	0	13	13	0	1.0554	1.0554	0.0000	0.9938	0.9937	0.0001
2024-03-12T14:35:33	2	0	3	3	0	1.0368	1.0360	-0.0008	0.9767	0.9766	0.0001
2024-03-12T14:35:44	2	0	1	1	0	1.0579	1.0575	-0.0004	-0.6586	-0.6588	0.0002
2024-03-12T14:36:17	5	0	21	20	1	1.0466	1.0473	0.0007	-0.9987	-0.9988	0.0001
2024-03-12T14:36:24	1	0	6	6	0	1.0526	1.0525	-0.0001	0.9982	0.9981	0.0001
2024-03-12T14:37:03	1	0	13	13	0	1.0219	1.0219	0.0001	0.9999	0.9999	0.0000
2024-03-12T14:38:42	1	0	7	7	0	1.0330	1.0329	0.0000	0.9877	0.9876	0.0001
2024-03-12T14:39:02	3	0	320	316	4	1.0585	1.0583	-0.0001	0.9727	0.9723	0.0004
2024-03-12T14:39:57	3	0	255	249	6	1.0620	1.0619	-0.0001	0.9906	0.9894	0.0012
2024-03-12T14:41:38	1	0	13	12	1	1.0507	1.0503	-0.0004	-0.9995	-0.9995	0.0000
2024-03-12T14:43:35	1	0	5	5	0	1.0356	1.0355	-0.0001	0.8948	0.8946	0.0002
2024-03-12T14:44:02	1	0	155	154	1	1.0590	1.0590	0.0000	-0.9999	-0.9999	0.0000
2024-03-12T14:44:24	1	0	1	1	0	1.0461	1.0462	0.0001	-0.996	-0.996	0.0000
2024-03-12T14:44:46	2	0	4	5	-1	1.0327	1.0321	-0.0006	0.9967	0.9967	0.0000
2024-03-12T14:45:21	2	0	63	62	1	1.0516	1.0515	-0.0001	-0.9895	-0.9896	0.0001
2024-03-12T14:45:31	1	0	64	62	2	1.0564	1.0563	0.0000	0.9696	0.9694	0.0002
2024-03-12T14:49:07	7	0	2	2	0	1.0321	1.0312	-0.0010	0.9903	0.99	0.0003
2024-03-12T14:50:11	1	0	9	9	0	1.0491	1.0490	-0.0001	0.9605	0.9602	0.0003
2024-03-12T14:51:12	3	0	39	37	2	1.0585	1.0583	-0.0002	-0.9846	-0.9851	0.0005
2024-03-12T14:51:18	2	0	28	28	0	1.0470	1.0470	0.0000	-0.9978	-0.9978	0.0000
2024-03-12T14:51:18	2	0	1	1	0	1.0585	1.0577	-0.0008	0.9977	0.9974	0.0003
2024-03-12T14:52:11	1	0	5	5	0	1.0513	1.0511	-0.0002	-0.9958	-0.9959	0.0001
2024-03-12T14:54:05	1	0	278	278	0	1.0593	1.0593	0.0000	0.9705	0.9704	0.0001
2024-03-12T14:54:54	1	0	191	190	1	1.0588	1.0588	0.0000	-0.9587	-0.9586	-0.0001
2024-03-12T14:57:54	1	0	4	4	0	1.0124	1.0124	0.0000	0.9637	0.9636	0.0001
2024-03-12T14:59:03	1	0	199	197	2	1.0600	1.0600	0.0000	-0.9999	-0.9999	0.0000
2024-03-12T15:00:22	1	0	120	115	5	1.0540	1.0540	0.0000	-0.9873	-0.9874	0.0001
2024-03-12T15:00:22	1	0	1	0	1	1.0554	null	null	0.9999	0.9999	0.0000
2024-03-12T15:01:20	1	0	37	36	1	1.0531	1.0531	-0.0001	0.9856	0.9856	0.0000
2024-03-12T15:02:58	2	0	77	76	1	1.0553	1.0552	0.0000	0.9706	0.9705	0.0001
2024-03-12T15:04:19	1	0	31	31	0	1.0558	1.0550	-0.0009	0.9895	0.9894	0.0001
2024-03-12T15:04:22	1	0	1	1	0	1.0380	1.0379	-0.0001	-0.9969	-0.9969	0.0000
2024-03-12T15:06:19	1	0	47	45	2	1.0477	1.0477	0.0000	-0.9949	-0.9949	0.0000
2024-03-12T15:06:39	2	0	15	15	0	1.0490	1.0488	-0.0001	-0.737	-0.7175	-0.0195
2024-03-12T15:14:26	2	0	1	1	0	1.0296	1.0292	-0.0004	-0.996	-0.996	0.0000
2024-03-12T15:15:31	1	0	43	43	0	1.0479	1.0479	0.0000	-0.9862	-0.9862	0.0000
2024-03-12T15:18:03	2	0	92	90	2	1.0553	1.0553	0.0000	0.9688	0.9687	0.0001
2024-03-12T15:19:25	1	0	17	17	0	1.0489	1.0489	0.0000	0.9992	0.9992	0.0000
2024-03-12T15:20:47	2	0	4	4	0	1.0489	1.0488	-0.0001	-0.6851	-0.6849	-0.0002
2024-03-12T15:22:24	1	0	2	1	1	0.9430	0.9434	0.0005	-0.9991	-0.9988	-0.0003
2024-03-12T15:24:10	1	0	231	230	1	1.0587	1.0587	0.0000	0.9717	0.9716	0.0001
2024-03-12T15:25:07	3	0	276	271	5	1.0608	1.0608	0.0000	-0.9576	-0.9576	0.0000
2024-03-12T15:25:11	9	0	96	95	1	1.0860	1.0827	-0.0032	0.9992	0.9999	-0.0007
2024-03-12T15:25:21	5	0	3	2	1	1.0496	1.0511	0.0016	0.9985	0.9984	0.0001
2024-03-12T15:27:27	1	0	1	1	0	1.0597	1.0589	-0.0008	0.9935	0.9934	0.0001
2024-03-12T15:29:05	1	0	237	236	1	1.0594	1.0594	0.0000	-0.9998	-0.9998	0.0000
2024-03-12T15:32:21	2	0	1	1	0	1.0551	1.0550	-0.0001	0.9799	0.9798	0.0001
2024-03-12T15:32:35	1	0	8	8	0	1.0441	1.0438	-0.0003	0.9999	0.9999	0.0000

2024-03-12T15:32:42	1	0	1	1	0	1.0396	1.0392	-0.0004	0.9992	0.9991	0.0001
2024-03-12T15:35:37	3	0	22	20	2	1.0509	1.0505	-0.0003	0.891	0.8902	0.0008
2024-03-12T15:36:09	1	0	36	35	1	1.0491	1.0491	0.0000	-0.9785	-0.9781	-0.0004
2024-03-12T15:36:35	5	0	303	294	9	1.0607	1.0603	-0.0004	0.9832	0.9826	0.0006
2024-03-12T15:50:38	2	0	35	32	3	1.0533	1.0529	-0.0004	0.8961	0.8957	0.0004
2024-03-12T15:55:22	5	0	377	372	5	1.0628	1.0628	0.0000	-0.9565	-0.9565	0.0000
2024-03-12T16:00:40	1	0	55	55	0	1.0510	1.0510	0.0000	-0.9871	-0.9871	0.0000
2024-03-12T16:02:44	1	0	3	3	0	1.0355	1.0354	-0.0001	0.9995	0.9995	0.0000
2024-03-12T16:02:46	1	0	14	14	0	1.0354	1.0354	0.0000	0.9836	0.9836	0.0000
2024-03-12T16:05:39	1	0	69	68	1	1.0558	1.0558	-0.0001	0.9055	0.9054	0.0001
2024-03-12T16:09:17	1	0	76	76	0	1.0547	1.0546	0.0000	0.9733	0.9732	0.0001
2024-03-12T16:10:24	5	0	4	4	0	1.0511	1.0504	-0.0007	0.9988	0.9993	-0.0005
2024-03-12T16:10:35	1	0	384	376	8	1.0624	1.0624	0.0000	-0.9607	-0.9607	0.0000
2024-03-12T16:15:04	1	0	1	1	0	1.0344	1.0341	-0.0003	0.9868	0.9868	0.0000
2024-03-12T16:21:12	3	0	34	33	1	1.0541	1.0541	0.0000	-0.9589	-0.9593	0.0004
2024-03-12T16:34:06	1	0	3	3	0	1.0146	1.0142	-0.0004	0.9686	0.9683	0.0003
2024-03-12T16:40:12	1	0	25	25	0	1.0462	1.0462	0.0000	0.9778	0.9779	-0.0001
2024-03-12T17:19:09	1	0	20	19	1	0.9466	0.9468	0.0002	0.9587	0.9587	0.0000
2024-03-12T17:34:10	1	0	64	64	0	0.9333	0.9334	0.0000	0.9604	0.9604	0.0000
2024-03-12T18:10:34	1	0	33	33	0	1.0481	1.0481	0.0000	0.9971	0.9971	0.0000
2024-03-12T18:20:39	3	0	99	98	1	1.0588	1.0588	0.0000	0.9708	0.9707	0.0001
2024-03-13T07:52:10	1	0	127	127	0	0.9225	0.9225	0.0000	0.9673	0.9673	0.0000
2024-03-13T07:57:53	2	0	395	395	0	1.0693	1.0693	0.0000	-0.9992	-0.9992	0.0000
2024-03-13T08:05:34	2	0	167	167	0	1.0573	1.0572	0.0000	0.9732	0.9733	-0.0001
2024-03-13T08:09:45	1	0	146	144	2	0.9373	0.9373	0.0001	0.9733	0.9736	-0.0003
2024-03-13T08:25:54	1	0	15	15	0	0.9512	0.9512	0.0000	-0.9949	-0.9947	-0.0002
2024-03-13T08:33:37	1	0	35	35	0	0.9389	0.9391	0.0001	0.9569	0.9568	0.0001
2024-03-13T08:42:06	1	0	2	2	0	1.0007	1.0004	-0.0003	0.9783	0.978	0.0003
2024-03-13T08:44:29	3	0	59	50	9	1.0537	1.0536	-0.0001	0.9971	0.9971	0.0000
2024-03-13T09:03:39	1	0	11	11	0	1.0474	1.0472	-0.0001	-0.9748	-0.9748	0.0000
2024-03-13T09:05:42	2	0	68	65	3	1.0561	1.0561	-0.0001	-0.9971	-0.9971	0.0000
2024-03-13T09:12:08	1	0	2	2	0	0.9998	1.0000	0.0002	0.9793	0.9789	0.0004
2024-03-13T09:13:57	2	0	1	0	1	1.0275	null	null	-0.9953	-0.9952	-0.0001
2024-03-13T09:14:31	3	0	132	129	3	1.0556	1.0555	-0.0001	0.9974	0.9975	-0.0001
2024-03-13T09:15:59	1	0	92	91	1	1.0569	1.0569	0.0000	0.9988	0.9988	0.0000
2024-03-13T09:17:12	1	0	5	5	0	1.0317	1.0317	-0.0001	-0.9999	-0.9999	0.0000
2024-03-13T09:20:37	1	0	2	2	0	1.0250	1.0249	-0.0002	0.9857	0.9856	0.0001
2024-03-13T09:20:39	5	0	361	349	12	1.0632	1.0631	-0.0001	0.9781	0.9776	0.0005
2024-03-13T09:25:58	1	0	4	4	0	0.9753	0.9755	0.0002	-0.9954	-0.9939	-0.0015
2024-03-13T09:27:55	1	0	1	1	0	1.0480	1.0476	-0.0004	-0.9614	-0.9614	0.0000
2024-03-13T09:28:58	2	0	2	2	0	1.0297	1.0296	-0.0002	-0.9944	-0.9945	0.0001
2024-03-13T09:30:26	1	0	2	2	0	1.0155	1.0149	-0.0006	0.9827	0.9826	0.0001
2024-03-13T09:36:50	1	0	18	16	2	0.9499	0.9373	-0.0125	0.9994	0.9994	0.0000
2024-03-13T09:39:52	2	0	63	63	0	0.9063	0.9062	-0.0001	0.9931	0.993	0.0001
2024-03-13T09:43:19	1	0	1	1	0	0.9430	0.9435	0.0005	-1	-1	0.0000
2024-03-13T09:44:12	1	0	1	1	0	1.0596	1.0592	-0.0004	-0.987	-0.9869	-0.0001
2024-03-13T09:46:09	1	0	26	26	0	1.0505	1.0504	-0.0001	0.9685	0.9681	0.0004
2024-03-13T09:48:18	2	0	1	1	0	0.9883	0.9888	0.0005	0.9997	0.9997	0.0000
2024-03-13T09:48:42	1	0	7	7	0	1.0469	1.0467	-0.0002	-0.9651	-0.965	-0.0001
2024-03-13T09:50:10	1	0	14	14	0	1.0500	1.0500	0.0000	0.9972	0.9969	0.0003
2024-03-13T09:50:39	1	0	4	4	0	1.0251	1.0251	0.0000	0.986	0.986	0.0000
2024-03-13T09:50:41	2	0	305	301	4	1.0609	1.0609	0.0000	0.98	0.9799	0.0001
2024-03-13T09:50:45	2	0	91	88	3	1.0560	1.0560	-0.0001	-0.9951	-0.9952	0.0001
2024-03-13T09:51:51	1	0	13	13	0	0.9655	0.9654	-0.0001	0.9989	0.9989	0.0000
2024-03-13T09:52:10	2	0	4	1	3	1.0565	1.0554	-0.0011	0.9995	0.9994	0.0001
2024-03-13T09:54:36	1	0	5	5	0	1.0477	1.0476	-0.0001	0.9702	0.9698	0.0004
2024-03-13T09:54:53	2	0	65	65	0	0.9302	0.9303	0.0000	0.993	0.993	0.0000
2024-03-13T09:57:36	1	0	1	1	0	0.9390	0.9391	0.0001	0.9807	0.9835	-0.0028
2024-03-13T10:00:03	1	0	15	14	1	1.0537	1.0534	-0.0003	0.9792	0.9792	0.0000
2024-03-13T10:02:59	2	0	73	71	2	0.9730	0.9733	0.0002	0.934	0.934	0.0000
2024-03-13T10:03:43	3	0	136	132	4	0.9316	0.9313	-0.0002	0.9274	0.9279	-0.0005
2024-03-13T10:05:11	1	0	13	12	1	1.0515	1.0519	0.0004	0.9978	0.9974	0.0004
2024-03-13T10:05:20	1	0	1	1	0	1.0405	1.0396	-0.0009	0.9787	0.9788	-0.0001
2024-03-13T10:05:42	11	0	385	372	13	1.0643	1.0633	-0.0011	0.9803	0.9785	0.0018
2024-03-13T10:05:46	9	0	53	42	11	1.0547	1.0541	-0.0006	-0.9967	-0.9969	0.0002
2024-03-13T10:05:49	1	0	47	48	-1	1.0530	1.0530	0.0000	-0.999	-0.999	0.0000
2024-03-13T10:06:52	1	0	16	16	0	0.9746	0.9745	-0.0002	0.9991	0.999	0.0001
2024-03-13T10:08:29	1	0	2	2	0	1.0342	1.0342	0.0000	-1	-1	0.0000
2024-03-13T10:08:31	7	0	203	197	6	1.0591	1.0591	-0.0001	-0.9566	-0.9567	0.0001
2024-03-13T10:09:37	2	0	6	6	0	1.0490	1.0485	-0.0004	0.9649	0.9636	0.0013
2024-03-13T10:10:05	1	0	35	35	0	1.0486	1.0487	0.0000	0.9648	0.9647	0.0001
2024-03-13T10:10:13	4	0	66	66	0	0.9541	0.9538	-0.0003	0.9991	0.999	0.0001
2024-03-13T10:10:44	1	0	8	8	0	1.0346	1.0346	0.0000	0.9803	0.9802	0.0001
2024-03-13T10:11:01	1	0	1	1	0	1.0334	1.0314	-0.0020	-0.9921	-0.9922	0.0001
2024-03-13T10:12:37	1	0	337	318	19	0.8833	0.8837	0.0004	0.9263	0.9261	0.0002
2024-03-13T10:12:42	1	0	3	3	0	1.0126	1.0125	-0.0001	0.9659	0.9657	0.0002
2024-03-13T10:13:02	5	0	66	65	1	1.0504	1.0503	-0.0001	-0.9992	-0.9992	0.0000
2024-03-13T10:13:51	1	0	11	11	0	1.0478	1.0477	-0.0001	0.9972	0.9972	0.0000
2024-03-13T10:14:14	1	0	2	2	0	1.0540	1.0538	-0.0002	-0.9899	-0.9899	0.0000
2024-03-13T10:14:31	2	0	30	29	1	1.0475	1.0475	0.0001	-0.9967	-0.9968	0.0001
2024-03-13T10:14:35	5	0	38	32	6	1.0545	1.0538	-0.0007	0.9971	0.9969	0.0002
2024-03-13T10:15:20	2	0	32	31	1	1.0478	1.0476	-0.0002	0.9954	0.9954	0.0000
2024-03-13T10:15:29	2	0	1	0	1	1.0137	null	null	0.9711	0.9711	0.0000
2024-03-13T10:15:51	1	0	11	11	0	1.0453	1.0453	0.0000	0.9938	0.9937	0.0001
2024-03-13T10:16:46	4	0	27	26	1	1.0474	1.0474	0.0000	0.9971	0.9971	0.0000

2024-03-13T10:20:29	2	0	1	1	0	0.9418	0.9425	0.0007	0.9801	0.9805	-0.0004
2024-03-13T10:21:00	3	0	19	10	9	1.0553	1.0543	-0.0010	-0.9965	-0.9971	0.0006
2024-03-13T10:22:12	2	0	1	1	0	1.0356	1.0350	-0.0006	0.9979	0.9978	0.0001
2024-03-13T10:25:48	1	0	18	17	1	1.0534	1.0532	-0.0003	1	0.9999	0.0001
2024-03-13T10:26:38	1	0	4	4	0	1.0553	1.0552	-0.0001	0.9889	0.9889	0.0000
2024-03-13T10:27:13	1	0	7	7	0	1.0075	1.0078	0.0003	0.9803	0.9803	0.0000
2024-03-13T10:28:40	2	0	1	1	0	1.0121	1.0114	-0.0007	-0.9637	-0.9637	0.0000
2024-03-13T10:30:32	3	0	1	0	1	1.0610	null	null	0.9935	0.9934	0.0001
2024-03-13T10:31:04	2	0	1	1	0	1.0296	1.0289	-0.0007	0.949	0.95	-0.0010
2024-03-13T10:32:17	1	0	3	3	0	1.0595	1.0594	-0.0002	-0.9998	-0.9998	0.0000
2024-03-13T10:33:45	1	0	49	44	5	0.9378	0.9381	0.0003	0.9331	0.9328	0.0003
2024-03-13T10:34:15	3	0	6	6	0	1.0551	1.0545	-0.0006	0.9999	0.9999	0.0000
2024-03-13T10:35:10	1	0	57	57	0	1.0522	1.0522	0.0000	0.9607	0.9604	0.0003
2024-03-13T10:35:51	1	0	46	45	1	1.0529	1.0528	0.0000	-0.9992	-0.9992	0.0000
2024-03-13T10:36:57	2	0	16	15	1	0.9225	0.9219	-0.0006	0.8982	0.8997	-0.0015
2024-03-13T10:40:53	1	0	1	1	0	1.0133	1.0126	-0.0007	-0.9945	-0.9944	-0.0001
2024-03-13T10:40:56	1	0	32	29	3	1.0549	1.0546	-0.0003	-1	-1	0.0000
2024-03-13T10:42:43	1	0	35	33	2	1.0482	1.0482	0.0001	0.9976	0.9977	-0.0001
2024-03-13T10:42:44	3	0	2	2	0	0.9971	0.9976	0.0004	-0.9721	-0.9717	-0.0004
2024-03-13T10:43:25	1	0	1	1	0	0.9400	0.9408	0.0008	1	-1	0.0000
2024-03-13T10:43:26	1	0	3	3	0	1.0611	1.0610	-0.0001	0.9908	0.9907	0.0001
2024-03-13T10:45:31	1	0	3	3	0	0.9899	0.9897	-0.0002	0.9652	0.965	0.0002
2024-03-13T10:46:03	1	0	1	1	0	1.0592	1.0580	-0.0012	0.9924	0.9922	0.0002
2024-03-13T10:46:05	2	0	118	115	3	1.0571	1.0571	-0.0001	0.9984	0.9983	0.0001
2024-03-13T10:47:14	1	0	12	11	1	1.0417	1.0431	0.0013	0.9911	0.991	0.0001
2024-03-13T10:48:03	1	0	28	28	0	1.0500	1.0499	-0.0001	0.9994	0.9994	0.0000
2024-03-13T10:48:58	1	0	27	24	3	1.0563	1.0564	0.0001	0.9982	0.9982	0.0000
2024-03-13T10:49:06	2	0	1	1	0	1.0184	1.0178	-0.0006	0.9738	0.9736	0.0002
2024-03-13T10:49:16	1	0	2	2	0	1.0337	1.0333	-0.0004	-0.9959	-0.9958	-0.0001
2024-03-13T10:50:24	1	0	3	3	0	1.0461	1.0460	-0.0001	0.996	0.9959	0.0001
2024-03-13T10:53:34	1	0	162	161	1	1.0582	1.0581	0.0000	-0.9602	-0.9601	-0.0001
2024-03-13T10:55:04	1	0	3	3	0	1.0319	1.0319	0.0000	0.9518	0.9517	0.0001
2024-03-13T10:55:16	2	0	69	68	1	0.9715	0.9653	-0.0062	0.998	0.9971	0.0009
2024-03-13T10:56:04	1	0	1	1	0	1.0337	1.0334	-0.0003	-0.9895	-0.9894	-0.0001
2024-03-13T10:57:10	1	0	1	0	1	1.0556	null	null	0.999	0.999	0.0000
2024-03-13T10:58:29	1	0	9	9	0	1.0454	1.0452	-0.0002	0.9957	0.9957	0.0000
2024-03-13T10:58:38	1	0	1	0	1	1.0323	null	null	0.9974	0.9974	0.0000
2024-03-13T10:59:04	1	0	1	0	1	1.0450	null	null	-0.99	-0.9901	0.0001
2024-03-13T11:01:06	1	0	136	135	1	1.0577	1.0577	0.0000	0.9993	0.9993	0.0000
2024-03-13T11:02:24	2	0	2	2	0	1.0592	1.0588	-0.0004	0.9978	0.9978	0.0000
2024-03-13T11:03:27	1	0	1	1	0	0.9842	0.9848	0.0006	0.996	0.9961	-0.0001
2024-03-13T11:03:36	1	0	3	3	0	1.0475	1.0472	-0.0002	0.9676	0.9675	0.0001
2024-03-13T11:04:13	1	0	2	2	0	1.0349	1.0347	-0.0002	-0.9702	-0.9702	0.0000
2024-03-13T11:04:17	1	0	15	15	0	1.0528	1.0527	-0.0001	0.9999	0.9999	0.0000
2024-03-13T11:06:04	2	0	46	45	1	1.0507	1.0518	0.0012	-0.9994	-0.9994	0.0000
2024-03-13T11:06:56	1	0	9	9	0	1.0027	1.0028	0.0001	0.9993	0.9994	-0.0001
2024-03-13T11:07:15	2	0	5	5	0	1.0447	1.0442	-0.0005	0.9871	0.9869	0.0002
2024-03-13T11:07:23	1	0	25	21	4	0.9335	0.9339	0.0004	0.9647	0.9639	0.0008
2024-03-13T11:08:33	5	0	2	1	1	1.0360	1.0360	0.0000	-0.9999	-0.9999	0.0000
2024-03-13T11:08:35	9	0	231	224	7	1.0620	1.0619	-0.0001	-0.9517	-0.952	0.0003
2024-03-13T11:09:41	1	0	89	88	1	1.0567	1.0567	0.0000	0.9654	0.964	0.0014
2024-03-13T11:09:59	3	0	1	1	0	1.0598	1.0590	-0.0008	0.9939	0.9936	0.0003
2024-03-13T11:10:32	1	0	93	92	1	1.0555	1.0555	0.0000	0.9907	0.9907	0.0000
2024-03-13T11:11:16	1	0	1	1	0	1.0325	1.0319	-0.0006	0.9999	0.9999	0.0000
2024-03-13T11:12:11	1	0	1	1	0	1.0616	1.0612	-0.0004	-0.9988	-0.9988	0.0000
2024-03-13T11:12:51	2	0	591	584	7	1.0655	1.0655	0.0000	0.9835	0.9833	0.0002
2024-03-13T11:13:02	2	0	84	83	1	1.0656	1.0642	-0.0014	-0.9769	-0.9772	0.0003
2024-03-13T11:13:06	3	0	78	75	3	1.0510	1.0507	-0.0003	-0.9991	-0.9991	0.0000
2024-03-13T11:13:28	1	0	3	3	0	1.0641	1.0640	-0.0001	0.9877	0.9876	0.0001
2024-03-13T11:13:30	2	0	12	11	1	1.0469	1.0461	-0.0008	0.9965	0.9964	0.0001
2024-03-13T11:13:39	2	0	2	2	0	1.0322	1.0318	-0.0004	0.9964	0.9963	0.0001
2024-03-13T11:14:05	2	0	2	2	0	1.0320	1.0295	-0.0025	-0.9895	-0.9902	0.0007
2024-03-13T11:14:35	1	0	41	40	1	1.0495	1.0493	-0.0002	-0.9945	-0.9945	0.0000
2024-03-13T11:14:39	3	0	118	120	-2	1.0559	1.0559	0.0000	0.9965	0.9949	0.0016
2024-03-13T11:16:07	1	0	158	157	1	1.0580	1.0580	0.0000	0.9991	0.9991	0.0000
2024-03-13T11:16:09	1	0	14	14	0	1.0449	1.0449	0.0000	-0.9582	-0.9584	0.0002
2024-03-13T11:16:42	2	0	1	1	0	1.0350	1.0343	-0.0007	0.9765	0.9756	0.0009
2024-03-13T11:17:30	2	0	7	6	1	1.0536	1.0525	-0.0011	0.9983	0.9983	0.0000
2024-03-13T11:18:51	1	0	17	15	2	1.0485	1.0476	-0.0009	-0.9551	-0.9553	0.0002
2024-03-13T11:20:32	1	0	1	1	0	1.0388	1.0382	-0.0006	0.979	0.9791	-0.0001
2024-03-13T11:21:15	2	0	9	9	0	1.0530	1.0524	-0.0006	-0.8527	-0.8648	0.0121
2024-03-13T11:22:03	1	0	3	3	0	1.0491	1.0488	-0.0002	-0.9984	-0.9985	0.0001
2024-03-13T11:23:10	2	0	290	269	21	1.0576	1.0573	-0.0004	0.9731	0.9718	0.0013
2024-03-13T11:23:49	2	0	210	208	2	1.0612	1.0612	0.0000	-0.9511	-0.951	-0.0001
2024-03-13T11:25:18	2	0	68	68	0	1.0680	1.0676	-0.0004	0.9966	0.9968	-0.0002
2024-03-13T11:27:22	1	0	10	9	1	1.0205	1.0159	-0.0045	0.9843	0.9841	0.0002
2024-03-13T11:27:47	1	0	4	4	0	1.0263	1.0263	0.0000	0.9648	0.9648	0.0000
2024-03-13T11:28:28	1	0	2	2	0	1.0272	1.0272	0.0000	-1	-1	0.0000
2024-03-13T11:29:36	1	0	40	39	1	1.0494	1.0492	-0.0002	-0.9934	-0.9934	0.0000
2024-03-13T11:31:10	1	0	20	20	0	1.0485	1.0485	0.0000	-0.9492	-0.9491	-0.0001
2024-03-13T11:31:57	2	0	1	1	0	1.0567	1.0556	-0.0011	-0.997	-0.997	0.0000
2024-03-13T11:32:18	1	0	25	25	0	1.0503	1.0503	0.0000	0.948	0.9481	-0.0001
2024-03-13T11:32:39	3	0	2	2	0	1.0627	1.0627	-0.0001	0.9975	0.9976	-0.0001
2024-03-13T11:32:39	2	0	19	18	1	1.0517	1.0516	-0.0002	0.9734	0.9734	0.0000
2024-03-13T11:34:11	1	0	9	9	0	1.0537	1.0537	0.0000	0.9975	0.9975	0.0000

2024-03-13T11:39:02	5	0	228	222	6	1.0615	1.0615	0.0000	-0.9576	-0.9576	0.0000
2024-03-13T11:40:20	10	0	71	71	0	0.9779	0.9776	-0.0003	0.9918	0.993	-0.0012
2024-03-13T11:41:15	1	0	4	4	0	1.0178	1.0177	-0.0001	0.9794	0.9793	0.0001
2024-03-13T11:41:27	2	0	34	33	1	1.0540	1.0537	-0.0002	-0.9998	-0.9998	0.0000
2024-03-13T11:42:07	1	0	14	14	0	1.0521	1.0520	-0.0001	1	1	0.0000
2024-03-13T11:42:31	1	0	5	5	0	1.0447	1.0446	-0.0002	0.9841	0.984	0.0001
2024-03-13T11:43:00	5	0	562	561	1	1.0645	1.0645	0.0000	0.983	0.983	0.0000
2024-03-13T11:44:21	4	0	4	4	0	1.0527	1.0524	-0.0003	-0.9759	-0.9767	0.0008
2024-03-13T11:44:37	2	0	30	30	0	1.0474	1.0474	0.0000	-0.9931	-0.993	-0.0001
2024-03-13T11:47:00	1	0	49	48	1	1.0522	1.0521	-0.0001	0.979	0.979	0.0000
2024-03-13T11:47:19	1	0	27	27	0	1.0498	1.0499	0.0000	0.9483	0.9485	-0.0002
2024-03-13T11:47:23	1	0	5	5	0	1.0463	1.0463	0.0000	-0.9999	-0.9999	0.0000
2024-03-13T11:47:34	1	0	10	10	0	1.0346	1.0345	-0.0001	0.9802	0.9801	0.0001
2024-03-13T11:48:50	4	0	2	3	-1	1.0577	1.0249	-0.0328	0.9557	0.9557	0.0000
2024-03-13T11:49:28	1	0	1	1	0	1.0166	1.0162	-0.0004	0.9711	0.9711	0.0000
2024-03-13T11:50:32	3	0	9	9	0	1.0505	1.0500	-0.0005	0.8997	0.899	0.0007
2024-03-13T11:51:45	1	0	1	1	0	1.0561	1.0561	0.0000	0.9937	0.9937	0.0000
2024-03-13T11:52:05	1	0	4	5	-1	1.0520	1.0506	-0.0013	-0.9981	-0.9981	0.0000
2024-03-13T11:57:38	1	0	5	5	0	1.0564	1.0564	0.0000	0.9901	0.9901	0.0000
2024-03-13T11:58:30	1	0	3	3	0	1.0288	1.0287	0.0000	-0.9999	-0.9999	0.0000
2024-03-13T12:00:11	4	0	11	9	2	1.0507	1.0490	-0.0017	0.9774	0.9773	0.0001
2024-03-13T12:02:01	2	0	65	64	1	1.0529	1.0529	0.0000	0.979	0.979	0.0000
2024-03-13T12:02:35	1	0	12	11	1	1.0276	1.0354	0.0078	0.9797	0.9798	-0.0001
2024-03-13T12:02:41	3	0	23	23	0	1.0529	1.0529	-0.0001	0.9708	0.9707	0.0001
2024-03-13T12:03:51	4	0	7	10	-3	0.9592	0.9548	-0.0043	0.9457	0.9456	0.0001
2024-03-13T12:05:46	1	0	21	21	0	1.0509	1.0507	-0.0003	0.9996	0.9996	0.0000
2024-03-13T12:10:49	1	0	200	199	1	1.0588	1.0588	0.0000	0.9983	0.9983	0.0000
2024-03-13T12:14:23	4	0	4	4	0	1.0563	1.0537	-0.0026	-0.9712	-0.9703	-0.0009
2024-03-13T12:14:44	2	0	25	25	0	1.0480	1.0480	0.0000	-0.9913	-0.9913	0.0000
2024-03-13T12:17:00	2	0	1	1	0	1.0347	1.0347	0.0000	-0.995	-0.995	0.0000
2024-03-13T12:17:22	1	0	34	35	-1	1.0504	1.0503	-0.0001	0.9521	0.9524	-0.0003
2024-03-13T12:17:25	1	0	9	10	-1	1.0501	1.0510	0.0009	-0.9996	-0.9996	0.0000
2024-03-13T12:17:46	3	0	6	7	-1	1.0524	1.0515	-0.0009	0.9983	0.9985	-0.0002
2024-03-13T12:26:48	1	0	21	20	1	1.0484	1.0480	-0.0003	0.9993	0.9995	-0.0002
2024-03-13T12:29:20	1	0	11	10	1	1.0513	1.0508	-0.0004	0.9388	0.9388	0.0000
2024-03-13T12:41:49	1	0	23	23	0	1.0464	1.0463	0.0000	0.9997	0.9999	-0.0002
2024-03-13T12:43:12	3	0	45	46	-1	1.0491	1.0491	-0.0001	-0.9987	-0.9987	0.0000
2024-03-13T12:50:49	1	0	4	4	0	0.9979	0.9980	0.0000	0.9892	0.9892	0.0000
2024-03-13T12:52:09	1	0	2	2	0	1.0607	1.0606	-0.0001	-0.9991	-0.9991	0.0000
2024-03-13T12:55:05	1	0	3	3	0	1.0358	1.0358	0.0000	0.9705	0.9705	0.0000
2024-03-13T12:58:13	1	0	27	27	0	1.0490	1.0490	0.0000	-0.9992	-0.9992	0.0000
2024-03-13T12:59:26	4	0	4	4	0	1.0524	1.0548	0.0025	-0.9619	-0.963	0.0011
2024-03-13T13:02:28	1	0	5	6	-1	1.0608	1.0604	-0.0003	-0.9989	-0.9989	0.0000
2024-03-13T13:07:22	1	0	2	2	0	0.9425	0.9428	0.0003	-0.9975	-0.9974	-0.0001
2024-03-13T13:12:42	1	0	14	14	0	1.0579	1.0578	0.0000	0.9867	0.9867	0.0000
2024-03-13T13:17:46	2	0	22	21	1	1.0531	1.0530	-0.0001	0.9706	0.9705	0.0001
2024-03-13T13:29:28	4	0	7	8	-1	1.0554	1.0557	0.0003	-0.9584	-0.9567	-0.0017
2024-03-13T13:36:16	1	0	4	4	0	1.0433	1.0431	-0.0001	0.9812	0.9811	0.0001
2024-03-13T13:41:53	1	0	12	12	0	1.0463	1.0463	0.0000	0.9998	0.9998	0.0000
2024-03-13T13:42:26	1	0	2	2	0	1.0480	1.0477	-0.0003	0.9716	0.9715	0.0001
2024-03-13T13:43:40	2	0	7	7	0	1.0466	1.0466	0.0000	0.9806	0.9808	-0.0002
2024-03-13T13:47:42	2	0	10	10	0	1.0368	1.0365	-0.0002	0.9801	0.98	0.0001
2024-03-13T13:50:40	5	0	90	88	2	1.0604	1.0603	-0.0001	0.9249	0.9247	0.0002
2024-03-13T13:50:44	3	0	1	1	0	1.0562	1.0555	-0.0007	-0.8729	-0.8743	0.0014
2024-03-13T13:57:16	1	0	7	7	0	1.0546	1.0546	0.0000	0.9651	0.9553	0.0098
2024-03-13T13:59:30	1	0	5	5	0	1.0541	1.0540	-0.0001	-0.9599	-0.96	0.0001
2024-03-13T14:02:06	2	0	1	0	1	1.0557	null	null	0.9818	0.9808	0.0010
2024-03-13T14:02:16	1	0	1	1	0	1.0359	1.0354	-0.0005	0.9994	0.9994	0.0000
2024-03-13T14:02:29	1	0	42	41	1	1.0510	1.0509	-0.0001	0.9606	0.9603	0.0003
2024-03-13T14:02:32	1	0	6	6	0	1.0533	1.0532	-0.0001	-0.9993	-0.9993	0.0000
2024-03-13T14:02:37	1	0	40	40	0	1.0514	1.0514	0.0000	0.9786	0.9787	-0.0001
2024-03-13T14:02:43	3	0	13	12	1	1.0354	1.0350	-0.0005	0.9805	0.9804	0.0001
2024-03-13T14:02:49	3	0	28	25	3	1.0542	1.0540	-0.0003	0.9674	0.9672	0.0002
2024-03-13T14:03:31	3	0	79	78	1	1.0529	1.0529	0.0000	0.9569	0.957	-0.0001
2024-03-13T14:03:59	2	0	37	36	1	0.9466	0.9468	0.0001	0.9371	0.937	0.0001
2024-03-13T14:05:31	2	0	35	34	1	1.0556	1.0556	-0.0001	1	1	0.0000
2024-03-13T14:05:43	8	0	292	285	7	1.0678	1.0675	-0.0003	0.9447	0.9438	0.0009
2024-03-13T14:05:45	3	0	1	1	0	1.0561	1.0559	-0.0002	-0.8767	-0.8768	0.0001
2024-03-13T14:07:22	1	0	24	23	1	1.0550	1.0550	0.0000	0.9984	0.9984	0.0000
2024-03-13T14:09:32	11	0	258	252	6	1.0617	1.0616	-0.0001	-0.9376	-0.9378	0.0002
2024-03-13T14:11:43	1	0	46	43	3	1.0545	1.0543	-0.0002	-0.9998	-0.9998	0.0000
2024-03-13T14:12:16	1	0	25	22	3	1.0523	1.0516	-0.0007	0.9977	0.9977	0.0000
2024-03-13T14:12:46	1	0	15	14	1	1.0566	1.0566	-0.0001	0.9884	0.9884	0.0000
2024-03-13T14:12:58	1	0	6	7	-1	1.0310	1.0287	-0.0023	0.9512	0.9513	-0.0001
2024-03-13T14:13:16	3	0	627	628	-1	1.0649	1.0649	0.0000	0.9794	0.9792	0.0002
2024-03-13T14:13:18	5	0	98	93	5	1.0531	1.0528	-0.0003	-0.9983	-0.9984	0.0001
2024-03-13T14:13:39	1	0	3	3	0	0.9355	0.9357	0.0002	1	1	0.0000
2024-03-13T14:14:17	4	0	8	7	1	1.0453	1.0426	-0.0027	-0.9899	-0.9896	-0.0003
2024-03-13T14:14:52	2	0	24	24	0	1.0487	1.0487	0.0000	-0.9916	-0.9917	0.0001
2024-03-13T14:16:07	1	0	9	9	0	1.0466	1.0466	0.0000	0.985	0.985	0.0000
2024-03-13T14:16:23	1	0	12	12	0	1.0502	1.0502	0.0000	-0.9624	-0.9623	-0.0001
2024-03-13T14:17:17	2	0	2	2	0	1.0371	1.0365	-0.0006	0.9997	0.9996	0.0001
2024-03-13T14:17:30	1	0	43	43	0	1.0515	1.0515	0.0000	0.9587	0.9585	0.0002
2024-03-13T14:17:44	2	0	11	11	0	1.0351	1.0350	-0.0001	0.9808	0.9807	0.0001
2024-03-13T14:18:32	1	0	95	95	0	1.0542	1.0542	0.0000	0.9588	0.9588	0.0000

2024-03-13T14:19:03	3	0	32	31	1	1.0533	1.0523	-0.0011	-0.9347	-0.9344	-0.0003
2024-03-13T14:19:27	1	0	8	8	0	1.0479	1.0479	-0.0001	-0.9893	-0.9893	0.0000
2024-03-13T14:20:33	2	0	37	36	1	1.0559	1.0557	-0.0002	0.9997	0.9995	0.0002
2024-03-13T14:20:44	6	0	112	108	4	1.0610	1.0604	-0.0006	0.9389	0.9385	0.0004
2024-03-13T14:21:32	2	0	2	2	0	1.0638	1.0638	-0.0001	-0.7051	-0.7049	-0.0002
2024-03-13T14:22:15	2	0	3	3	0	1.0591	1.0590	-0.0002	-0.9968	-0.9969	0.0001
2024-03-13T14:24:45	3	0	214	212	2	1.0601	1.0601	0.0000	-0.9434	-0.9433	-0.0001
2024-03-13T14:25:18	2	0	18	18	0	1.0460	1.0460	0.0000	0.9609	0.9608	0.0001
2024-03-13T14:26:50	2	0	52	50	2	1.0546	1.0543	-0.0002	-0.9997	-0.9997	0.0000
2024-03-13T14:26:54	1	0	3	3	0	1.0586	1.0586	-0.0001	0.9689	0.9687	0.0002
2024-03-13T14:27:24	2	0	17	17	0	0.9314	0.9317	0.0002	0.9939	0.9938	0.0001
2024-03-13T14:27:25	2	0	14	14	0	1.0507	1.0506	-0.0001	0.9977	0.9977	0.0000
2024-03-13T14:27:29	2	0	4	4	0	1.0197	1.0195	-0.0002	0.9622	0.9619	0.0003
2024-03-13T14:27:47	1	0	18	17	1	1.0573	1.0572	-0.0002	0.9904	0.9903	0.0001
2024-03-13T14:27:59	1	0	6	6	0	1.0250	1.0250	0.0000	0.9526	0.9525	0.0001
2024-03-13T14:28:19	1	0	87	86	1	1.0525	1.0524	-0.0001	-0.9983	-0.9982	-0.0001
2024-03-13T14:28:22	6	0	615	605	10	1.0643	1.0643	-0.0001	0.9796	0.9793	0.0003
2024-03-13T14:28:40	1	0	1	1	0	0.9420	0.9421	0.0001	0.9999	0.9999	0.0000
2024-03-13T14:28:52	2	0	6	6	0	1.0315	1.0315	-0.0001	0.9964	0.9964	0.0000
2024-03-13T14:29:23	3	0	8	8	0	1.0451	1.0446	-0.0004	-0.9861	-0.9863	0.0002
2024-03-13T14:29:32	4	0	4	4	0	1.0541	1.0538	-0.0003	-0.9518	-0.9528	0.0010
2024-03-13T14:29:53	1	0	24	24	0	1.0482	1.0481	0.0000	-0.9917	-0.9918	0.0001
2024-03-13T14:30:46	2	0	3	3	0	1.0156	1.0155	-0.0001	0.9717	0.9713	0.0004
2024-03-13T14:32:09	2	0	1	0	1	1.0556	null	null	-0.9959	-0.9959	0.0000
2024-03-13T14:32:31	1	0	43	42	1	1.0521	1.0519	-0.0002	0.9596	0.959	0.0006
2024-03-13T14:32:34	1	0	11	11	0	1.0476	1.0474	-0.0001	-0.9985	-0.9985	0.0000
2024-03-13T14:32:39	1	0	48	47	1	1.0517	1.0516	-0.0001	0.9791	0.9791	0.0000
2024-03-13T14:32:45	3	0	10	11	-1	1.0358	1.0275	-0.0083	0.9803	0.9802	0.0001
2024-03-13T14:34:01	3	0	3	2	1	0.9808	0.9439	-0.0370	0.9486	0.9485	0.0001
2024-03-13T14:34:04	3	0	39	39	0	1.0514	1.0512	-0.0001	-0.9235	-0.9239	0.0004
2024-03-13T14:35:36	2	0	23	22	1	1.0556	1.0553	-0.0003	0.9989	0.9984	0.0005
2024-03-13T14:35:45	8	0	176	166	10	1.0628	1.0625	-0.0003	0.9495	0.949	0.0005
2024-03-13T14:36:25	1	0	1	1	0	1.0583	1.0578	-0.0005	-0.9998	-0.9999	0.0001
2024-03-13T14:36:36	1	0	2	2	0	1.0659	1.0655	-0.0004	-0.7342	-0.7313	-0.0029
2024-03-13T14:36:37	2	0	12	11	1	1.0475	1.0484	0.0009	-0.9997	-0.9998	0.0001
2024-03-13T14:37:16	1	0	4	4	0	1.0541	1.0540	-0.0002	-0.9962	-0.9963	0.0001
2024-03-13T14:37:27	2	0	41	40	1	1.0586	1.0586	-0.0001	0.9993	0.9993	0.0000
2024-03-13T14:37:39	1	0	22	21	1	1.0495	1.0492	-0.0003	0.9996	0.9996	0.0000
2024-03-13T14:38:19	7	0	8	4	4	1.0528	1.0563	0.0035	-0.9696	-0.9712	0.0016
2024-03-13T14:39:57	4	0	228	226	2	1.0608	1.0608	0.0000	-0.9481	-0.9481	0.0000
2024-03-13T14:40:19	1	0	12	12	0	1.0440	1.0440	0.0000	0.9412	0.9412	0.0000
2024-03-13T14:40:31	7	0	67	66	1	0.9646	0.9563	-0.0083	0.9984	0.9966	0.0018
2024-03-13T14:41:57	2	0	10	10	0	1.0464	1.0463	-0.0002	0.9999	0.9999	0.0000
2024-03-13T14:41:58	3	0	67	65	2	1.0552	1.0549	-0.0002	-0.9995	-0.9996	0.0001
2024-03-13T14:42:01	1	0	3	3	0	1.0517	1.0515	-0.0002	0.9632	0.9628	0.0004
2024-03-13T14:42:25	2	0	17	17	0	0.9313	0.9313	0.0000	0.9952	0.9952	0.0000
2024-03-13T14:42:30	2	0	6	6	0	1.0274	1.0274	0.0000	0.9703	0.9703	0.0000
2024-03-13T14:42:30	2	0	22	21	1	1.0519	1.0517	-0.0001	0.9973	0.9973	0.0000
2024-03-13T14:43:00	1	0	7	7	0	1.0225	1.0226	0.0000	0.9485	0.9485	0.0000
2024-03-13T14:43:16	1	0	80	80	0	1.1362	1.1362	0.0000	-0.9824	-0.9823	-0.0001
2024-03-13T14:43:27	6	0	637	638	-1	1.0647	1.0646	0.0000	0.9799	0.9797	0.0002
2024-03-13T14:43:42	1	0	4	4	0	1.0590	1.0589	-0.0001	0.9534	0.9532	0.0002
2024-03-13T14:43:58	1	0	5	5	0	1.0358	1.0358	0.0000	0.9973	0.9973	0.0000
2024-03-13T14:44:24	2	0	9	9	0	1.0380	1.0378	-0.0002	-0.9884	-0.9884	0.0000
2024-03-13T14:44:33	1	0	3	3	0	1.0602	1.0601	0.0000	-0.9489	-0.9487	-0.0002
2024-03-13T14:44:54	1	0	32	32	0	1.0488	1.0488	0.0000	-0.9911	-0.9911	0.0000
2024-03-13T14:45:05	1	0	2	2	0	1.0555	1.0553	-0.0003	0.9821	0.9819	0.0002
2024-03-13T14:45:25	1	0	6	6	0	1.0500	1.0499	-0.0001	0.9777	0.9776	0.0001
2024-03-13T14:47:10	4	0	1	1	0	1.0343	1.0335	-0.0008	-0.9964	-0.9966	0.0002
2024-03-13T14:47:17	1	0	1	0	1	1.0551	null	null	-1	-1	0.0000
2024-03-13T14:47:30	1	0	10	10	0	1.0394	1.0393	-0.0001	0.994	0.9938	0.0002
2024-03-13T14:47:35	1	0	11	11	0	1.0477	1.0477	0.0000	-0.9988	-0.9988	0.0000
2024-03-13T14:47:52	3	0	33	32	1	1.0545	1.0544	-0.0001	0.9694	0.9693	0.0001
2024-03-13T14:50:39	1	0	41	37	4	1.0561	1.0563	0.0001	-0.9969	-0.9977	0.0008
2024-03-13T14:50:46	2	0	2	1	1	1.0351	1.0380	0.0029	0.9818	0.9844	-0.0026
2024-03-13T14:54:39	1	0	5	5	0	0.9680	0.9683	0.0003	0.9644	0.9643	0.0001
2024-03-13T14:57:49	1	0	20	19	1	1.0556	1.0554	-0.0002	0.9874	0.9873	0.0001
2024-03-13T14:58:59	1	0	5	5	0	1.0341	1.0340	-0.0001	0.9977	0.9976	0.0001
2024-03-13T14:59:25	2	0	7	7	0	1.0432	1.0431	-0.0001	-0.9889	-0.9889	0.0000
2024-03-13T14:59:54	1	0	135	134	1	1.0566	1.0566	0.0000	0.9954	0.9954	0.0000
2024-03-13T15:00:04	1	0	27	27	0	1.0482	1.0482	0.0000	-0.9894	-0.9894	0.0000
2024-03-13T15:00:48	2	0	3	3	0	1.0154	1.0154	0.0000	0.9723	0.9722	0.0001
2024-03-13T15:01:20	2	0	1	2	-1	0.9760	1.0160	0.0400	0.9782	0.9784	-0.0002
2024-03-13T15:03:35	1	0	103	103	0	1.0552	1.0552	0.0000	0.9597	0.9597	0.0000
2024-03-13T15:04:03	1	0	1	1	0	1.0558	1.0554	-0.0004	0.9507	0.9505	0.0002
2024-03-13T15:04:30	1	0	8	8	0	1.0482	1.0482	0.0000	-0.9864	-0.9863	-0.0001
2024-03-13T15:04:41	1	0	1	1	0	1.0187	1.0184	-0.0003	0.9675	0.9674	0.0001
2024-03-13T15:05:25	4	0	12	11	1	1.0475	1.0477	0.0002	0.9832	0.983	0.0002
2024-03-13T15:05:41	1	0	136	128	8	1.0574	1.0572	-0.0002	-0.9975	-0.9987	0.0012
2024-03-13T15:05:47	2	0	2	2	0	1.0400	1.0383	-0.0017	0.9784	0.9781	0.0003
2024-03-13T15:08:51	1	0	5	5	0	1.0376	1.0376	-0.0001	-1	-1	0.0000
2024-03-13T15:10:21	1	0	28	28	0	1.0492	1.0492	0.0000	0.9667	0.9667	0.0000
2024-03-13T15:11:32	1	0	2	2	0	1.0346	1.0344	-0.0002	0.9971	0.9972	-0.0001
2024-03-13T15:14:35	2	0	10	10	0	1.0545	1.0545	-0.0001	-0.9549	-0.955	0.0001
2024-03-13T15:16:21	2	0	1	1	0	1.0587	1.0578	-0.0009	0.9765	0.9787	-0.0022

2024-03-13T15:17:48	1	0	14	15	-1	1.0340	1.0281	-0.0059	0.982	0.982	0.0000
2024-03-13T15:19:07	1	0	32	32	0	1.0505	1.0505	0.0000	-0.9719	-0.9653	-0.0066
2024-03-13T15:25:34	3	0	70	70	0	0.9792	0.9791	0.0000	0.9995	0.9994	0.0001
2024-03-13T15:28:44	1	0	671	672	-1	1.0657	1.0657	0.0000	0.9805	0.9804	0.0001
2024-03-13T15:29:39	1	0	3	3	0	1.0513	1.0513	0.0000	-0.9549	-0.9547	-0.0002
2024-03-13T15:32:30	2	0	2	2	0	1.0389	1.0385	-0.0004	0.9997	0.9997	0.0000
2024-03-13T15:34:12	1	0	47	47	0	1.0527	1.0526	0.0000	-0.966	-0.9588	-0.0072
2024-03-13T15:35:13	2	0	15	14	1	1.0466	1.0463	-0.0003	-0.9912	-0.9915	0.0003
2024-03-13T15:36:41	2	0	20	20	0	1.0501	1.0501	0.0000	-0.9995	-0.9995	0.0000
2024-03-13T15:37:00	1	0	11	11	0	1.0461	1.0461	0.0000	0.9968	0.9968	0.0000
2024-03-13T15:40:12	4	0	264	259	5	1.0626	1.0625	-0.0001	-0.9507	-0.9507	0.0000
2024-03-13T15:41:36	1	0	4	4	0	1.0199	1.0198	-0.0002	0.9839	0.9819	0.0020
2024-03-13T15:43:45	1	0	3	3	0	0.9339	0.9340	0.0000	0.9937	0.9937	0.0000
2024-03-13T15:45:07	1	0	38	38	0	1.0493	1.0493	0.0000	-0.988	-0.9881	0.0001
2024-03-13T15:45:24	1	0	2	2	0	1.0268	1.0264	-0.0004	0.9718	0.9717	0.0001
2024-03-13T15:45:53	1	0	1	0	1	1.0314	null	null	0.9816	0.9816	0.0000
2024-03-13T15:47:50	1	0	13	14	-1	1.0330	1.0267	-0.0063	0.983	0.983	0.0000
2024-03-13T15:50:50	1	0	202	202	0	1.0671	1.0671	0.0000	0.9329	0.9329	0.0000
2024-03-13T15:51:39	2	0	52	52	0	1.0473	1.0473	0.0000	-0.9986	-0.9986	0.0000
2024-03-13T15:55:17	1	0	27	26	1	1.0497	1.0495	-0.0002	0.9754	0.9755	-0.0001
2024-03-13T15:57:48	1	0	4	4	0	1.0489	1.0486	-0.0002	0.9952	0.9953	-0.0001
2024-03-13T16:00:43	1	0	32	32	0	1.0481	1.0481	0.0000	0.9966	0.9966	0.0000
2024-03-13T16:02:32	1	0	1	1	0	1.0379	1.0378	-0.0001	0.9999	0.9999	0.0000
2024-03-13T16:02:51	1	0	13	14	-1	1.0345	1.0281	-0.0064	0.9834	0.9834	0.0000
2024-03-13T16:03:39	3	0	104	103	1	1.0551	1.0551	0.0000	0.9635	0.9631	0.0004
2024-03-13T16:43:46	5	0	492	489	3	1.0558	1.0558	0.0000	-0.9969	-0.9969	0.0000
2024-03-13T16:59:12	1	0	586	583	3	1.0652	1.0652	0.0000	0.9838	0.9838	0.0000
2024-03-14T07:52:07	1	0	93	92	1	0.9206	0.9206	0.0000	0.9784	0.9784	0.0000
2024-03-14T07:53:40	2	0	144	142	2	0.9275	0.9275	0.0000	0.8305	0.8305	0.0000
2024-03-14T08:08:41	1	0	101	101	0	0.9324	0.9324	0.0000	0.8333	0.8332	0.0001
2024-03-14T08:12:51	2	0	602	602	0	1.0642	1.0642	0.0000	0.9987	0.9987	0.0000
2024-03-14T08:22:09	1	0	96	95	1	0.9188	0.9189	0.0001	0.977	0.977	0.0000
2024-03-14T08:28:49	2	0	2	2	0	1.0211	1.0207	-0.0004	-0.9842	-0.9843	0.0001
2024-03-14T08:31:43	1	0	59	59	0	1.0529	1.0529	0.0000	0.9821	0.9822	-0.0001
2024-03-14T08:37:01	1	0	2	2	0	0.9436	0.9439	0.0003	-0.9999	-0.9999	0.0000
2024-03-14T08:40:51	1	0	1	1	0	1.0267	1.0263	-0.0004	-0.9915	-0.9897	-0.0018
2024-03-14T08:59:26	3	0	89	77	12	1.0560	1.0559	0.0000	1	0.9999	0.0001
2024-03-14T09:03:35	1	0	16	16	0	1.0482	1.0481	-0.0001	-0.9657	-0.9657	0.0000
2024-03-14T09:14:27	3	0	138	134	4	1.0566	1.0566	0.0000	1	1	0.0000
2024-03-14T09:18:58	1	0	6	6	0	1.0025	1.0025	0.0000	0.983	0.983	0.0000
2024-03-14T09:20:34	1	0	4	4	0	1.0233	1.0231	-0.0002	0.9864	0.9862	0.0002
2024-03-14T09:23:46	1	0	28	28	0	0.9537	0.9537	0.0000	0.8402	0.84	0.0002
2024-03-14T09:24:30	2	0	8	8	0	1.0482	1.0480	-0.0003	0.978	0.9774	0.0006
2024-03-14T09:27:50	1	0	2	2	0	1.0455	1.0453	-0.0002	-0.9707	-0.9655	-0.0052
2024-03-14T09:27:56	3	0	777	772	5	1.0667	1.0666	-0.0001	0.9988	0.9987	0.0001
2024-03-14T09:28:15	1	0	24	23	1	0.9400	0.9402	0.0001	0.9963	0.9963	0.0000
2024-03-14T09:28:30	1	0	2	2	0	1.0296	1.0293	-0.0003	0.9975	0.9975	0.0000
2024-03-14T09:29:08	3	0	2	2	0	1.0414	1.0410	-0.0004	-0.9773	-0.9778	0.0005
2024-03-14T09:30:23	1	0	4	4	0	0.9950	0.9948	-0.0003	0.9795	0.9795	0.0000
2024-03-14T09:35:19	3	0	57	57	0	0.9338	0.9338	0.0000	0.8703	0.8698	0.0005
2024-03-14T09:35:42	5	0	12	11	1	1.0484	1.0487	0.0003	-0.9985	-0.9991	0.0006
2024-03-14T09:35:58	1	0	2	2	0	1.0340	1.0336	-0.0004	-0.9974	-0.9973	-0.0001
2024-03-14T09:37:06	2	0	1	1	0	1.0336	1.0330	-0.0006	0.9937	0.9821	0.0116
2024-03-14T09:37:58	1	0	28	27	1	1.0506	1.0503	-0.0003	0.9738	0.9733	0.0005
2024-03-14T09:38:23	2	0	184	181	3	1.0589	1.0588	-0.0001	-0.9631	-0.963	-0.0001
2024-03-14T09:39:45	4	0	64	64	0	0.9194	0.9192	-0.0002	0.9934	0.9945	-0.0011
2024-03-14T09:42:04	2	0	2	2	0	1.0332	1.0329	-0.0003	0.9796	0.9794	0.0002
2024-03-14T09:43:40	1	0	20	20	0	1.0493	1.0492	-0.0001	-0.9998	-0.9998	0.0000
2024-03-14T09:45:57	2	0	1	1	0	0.9722	0.9729	0.0007	0.9933	0.9933	0.0000
2024-03-14T09:45:57	2	0	2	2	0	1.0281	1.0280	-0.0001	0.9791	0.9785	0.0006
2024-03-14T09:46:00	1	0	90	88	2	1.0561	1.0560	0.0000	0.998	0.998	0.0000
2024-03-14T09:48:38	1	0	13	13	0	1.0480	1.0479	-0.0001	-0.9539	-0.9541	0.0002
2024-03-14T09:50:03	1	0	15	15	0	1.0508	1.0507	0.0000	0.9957	0.9954	0.0003
2024-03-14T09:50:28	2	0	9	8	1	1.0492	1.0481	-0.0011	-0.7208	-0.7215	0.0007
2024-03-14T09:50:43	5	0	19	17	2	1.0490	1.0493	0.0003	-0.9972	-0.9973	0.0001
2024-03-14T09:51:43	1	0	17	17	0	0.9722	0.9721	-0.0001	0.999	0.9989	0.0001
2024-03-14T09:53:02	1	0	43	43	0	1.0525	1.0525	0.0000	0.9727	0.9726	0.0001
2024-03-14T09:53:48	1	0	8	8	0	0.9700	0.9699	-0.0001	0.8431	0.8428	0.0003
2024-03-14T09:55:26	1	0	28	28	0	1.0520	1.0519	-0.0001	0.9999	0.9999	0.0000
2024-03-14T09:55:56	1	0	1	1	0	1.0205	1.0202	-0.0003	-0.9911	-0.989	-0.0021
2024-03-14T09:57:05	1	0	3	3	0	1.0285	1.0285	0.0000	0.9783	0.9783	0.0000
2024-03-14T09:58:35	2	0	3	3	0	1.0031	1.0030	-0.0001	-0.9634	-0.9633	-0.0001
2024-03-14T09:58:55	1	0	1	1	0	1.0458	1.0455	-0.0003	-0.9877	-0.9878	0.0001
2024-03-14T09:59:10	1	0	3	3	0	1.0493	1.0492	-0.0001	-0.9719	-0.9719	0.0000
2024-03-14T10:00:25	1	0	3	3	0	0.9647	0.9647	0.0000	0.973	0.973	0.0000
2024-03-14T10:02:24	1	0	15	13	2	1.0342	1.0347	0.0005	0.9812	0.9811	0.0001
2024-03-14T10:02:56	1	0	63	63	0	0.9869	0.9871	0.0002	0.9409	0.9409	0.0000
2024-03-14T10:04:10	1	0	58	57	1	1.0552	1.0551	-0.0001	0.9966	0.9965	0.0001
2024-03-14T10:05:04	1	0	15	15	0	1.0513	1.0512	-0.0001	0.9958	0.9951	0.0007
2024-03-14T10:05:17	2	0	1	1	0	1.0394	1.0389	-0.0005	0.9824	0.9825	-0.0001
2024-03-14T10:05:21	5	0	45	45	0	0.9312	0.9314	0.0002	0.8667	0.8667	0.0000
2024-03-14T10:05:29	4	0	12	11	1	1.0491	1.0479	-0.0012	-0.7154	-0.7177	0.0023
2024-03-14T10:05:37	1	0	4	4	0	1.0244	1.0240	-0.0004	0.9865	0.9863	0.0002
2024-03-14T10:05:44	7	0	15	13	2	1.0494	1.0491	-0.0003	-0.9971	-0.9973	0.0002
2024-03-14T10:07:13	1	0	6	6	0	1.0580	1.0577	-0.0003	0.9943	0.9943	0.0000

2024-03-14T10:08:05	2	0	200	184	16	1.0564	1.0561	-0.0003	0.973	0.9722	0.0008
2024-03-14T10:08:25	5	0	189	185	4	1.0585	1.0585	0.0000	-0.958	-0.958	0.0000
2024-03-14T10:08:49	3	0	6	6	0	1.0104	1.0100	-0.0004	0.8464	0.8459	0.0005
2024-03-14T10:09:33	2	0	207	207	0	1.0655	1.0639	-0.0015	0.9897	0.9885	0.0012
2024-03-14T10:10:32	1	0	26	24	2	1.0515	1.0514	-0.0001	0.9998	0.9997	0.0001
2024-03-14T10:10:48	1	0	2	2	0	1.0111	1.0104	-0.0007	-0.9987	-0.9986	-0.0001
2024-03-14T10:10:57	1	0	1	1	0	1.0358	1.0331	-0.0027	-0.9893	-0.9895	0.0002
2024-03-14T10:10:59	1	0	1	1	0	1.0229	1.0225	-0.0004	0.9843	0.976	0.0083
2024-03-14T10:12:06	1	0	3	3	0	1.0310	1.0307	-0.0003	0.9767	0.9765	0.0002
2024-03-14T10:12:39	1	0	4	4	0	1.0095	1.0095	-0.0001	0.9603	0.9601	0.0002
2024-03-14T10:12:59	8	0	964	962	2	1.0709	1.0707	-0.0002	0.9989	0.9987	0.0002
2024-03-14T10:13:21	1	0	20	20	0	0.9406	0.9412	0.0006	0.9965	0.9966	-0.0001
2024-03-14T10:13:41	1	0	1	0	1	1.0330	null	null	0.9977	0.9977	0.0000
2024-03-14T10:13:42	1	0	20	20	0	1.0492	1.0492	-0.0001	-0.9997	-0.9997	0.0000
2024-03-14T10:13:50	1	0	28	28	0	1.0503	1.0502	-0.0001	0.997	0.997	0.0000
2024-03-14T10:14:14	3	0	4	4	0	1.0488	1.0485	-0.0004	-0.9739	-0.9747	0.0008
2024-03-14T10:14:28	2	0	12	13	-1	1.0444	1.0444	0.0000	-1	1	0.0000
2024-03-14T10:14:31	3	0	38	35	3	1.0547	1.0541	-0.0006	0.9976	0.9975	0.0001
2024-03-14T10:15:45	1	0	10	10	0	1.0438	1.0438	0.0000	1	1	0.0000
2024-03-14T10:16:02	2	0	75	72	3	1.0560	1.0559	-0.0001	0.9994	0.9993	0.0001
2024-03-14T10:16:47	3	0	1	1	0	1.0359	1.0352	-0.0007	0.9833	0.9981	-0.0148
2024-03-14T10:16:50	1	0	36	35	1	1.0501	1.0500	-0.0002	0.9813	0.9813	0.0000
2024-03-14T10:17:13	2	0	9	9	0	1.0432	1.0430	-0.0003	-0.9939	-0.994	0.0001
2024-03-14T10:17:18	2	0	12	11	1	1.0493	1.0486	-0.0007	0.998	0.998	0.0000
2024-03-14T10:19:11	3	0	28	19	9	1.0534	1.0521	-0.0013	0.9975	0.9975	0.0000
2024-03-14T10:20:55	3	0	100	93	7	1.0624	1.0615	-0.0008	-0.9873	-0.9885	0.0012
2024-03-14T10:21:01	1	0	1	1	0	1.0353	1.0349	-0.0004	-0.9952	-0.995	-0.0002
2024-03-14T10:21:45	1	0	14	14	0	1.0148	1.0145	-0.0003	0.9997	0.9997	0.0000
2024-03-14T10:22:14	2	0	4	4	0	1.0462	1.0460	-0.0002	0.996	0.9959	0.0001
2024-03-14T10:22:17	6	0	6	6	0	0.9721	0.9709	-0.0011	0.9717	0.9698	0.0019
2024-03-14T10:23:24	1	0	1	1	0	1.0368	1.0368	0.0000	-1	-1	0.0000
2024-03-14T10:24:34	1	0	254	243	11	1.0666	1.0666	0.0000	0.998	0.9977	0.0003
2024-03-14T10:24:42	4	0	77	78	-1	1.0556	1.0557	0.0000	0.965	0.9647	0.0003
2024-03-14T10:24:48	5	0	5	5	0	1.0417	1.0407	-0.0010	0.9968	0.9943	0.0025
2024-03-14T10:24:56	2	0	2	2	0	1.0471	1.0468	-0.0004	-0.9955	-0.9956	0.0001
2024-03-14T10:26:08	1	0	1	1	0	1.0294	1.0289	-0.0005	0.9999	0.9999	0.0000
2024-03-14T10:28:22	1	0	5	5	0	1.0493	1.0493	-0.0001	0.9941	0.9941	0.0000
2024-03-14T10:30:27	3	0	2	1	1	1.0488	1.0376	-0.0112	0.9967	0.9967	0.0000
2024-03-14T10:31:00	1	0	1	1	0	1.0582	1.0572	-0.0010	0.9935	0.9933	0.0002
2024-03-14T10:31:36	2	0	11	10	1	1.0527	1.0518	-0.0009	0.9686	0.9681	0.0005
2024-03-14T10:31:58	1	0	17	16	1	1.0583	1.0579	-0.0005	0.9822	0.982	0.0002
2024-03-14T10:32:26	2	0	19	18	1	1.0319	1.0372	0.0053	0.9801	0.9799	0.0002
2024-03-14T10:32:55	1	0	33	33	0	0.9477	0.9479	0.0002	0.9612	0.9612	0.0000
2024-03-14T10:33:30	1	0	2	2	0	1.0495	1.0492	-0.0003	0.9713	0.9712	0.0001
2024-03-14T10:33:52	1	0	81	81	0	1.0626	1.0624	-0.0002	0.9985	0.9985	0.0000
2024-03-14T10:34:01	2	0	1	1	0	1.0232	1.0227	-0.0005	0.9652	0.9649	0.0003
2024-03-14T10:35:05	4	0	4	4	0	1.0467	1.0459	-0.0008	0.984	0.9834	0.0006
2024-03-14T10:35:21	2	0	1	1	0	0.9439	0.9450	0.0011	0.9785	0.979	-0.0005
2024-03-14T10:35:48	1	0	51	50	1	1.0504	1.0503	-0.0001	-0.9985	-0.9986	0.0001
2024-03-14T10:35:48	1	0	1	1	0	1.0560	1.0556	-0.0004	0.9936	0.9935	0.0001
2024-03-14T10:38:27	1	0	196	194	2	1.0601	1.0601	0.0000	-0.954	-0.954	0.0000
2024-03-14T10:38:51	3	0	2	2	0	1.0200	1.0196	-0.0004	0.8424	0.8404	0.0020
2024-03-14T10:40:06	2	0	23	22	1	1.0475	1.0471	-0.0003	0.995	0.995	0.0000
2024-03-14T10:40:46	1	0	28	26	2	1.0526	1.0521	-0.0004	0.9998	0.9998	0.0000
2024-03-14T10:41:52	1	0	2	2	0	1.0452	1.0450	-0.0002	0.9776	0.9742	0.0034
2024-03-14T10:42:51	2	0	1	1	0	1.0397	1.0391	-0.0006	-0.9981	-0.9982	0.0001
2024-03-14T10:43:23	1	0	3	3	0	1.0544	1.0543	-0.0001	0.9661	0.9659	0.0002
2024-03-14T10:43:50	1	0	2	2	0	1.0319	1.0317	-0.0002	0.9979	0.9978	0.0001
2024-03-14T10:46:19	2	0	1	1	0	1.0184	1.0178	-0.0006	0.9528	0.9518	0.0010
2024-03-14T10:46:32	1	0	3	3	0	1.0315	1.0314	-0.0001	0.965	0.9649	0.0001
2024-03-14T10:47:20	2	0	24	23	1	1.0498	1.0493	-0.0005	0.9992	0.9992	0.0000
2024-03-14T10:47:27	3	0	19	18	1	1.0328	1.0381	0.0053	0.9795	0.9792	0.0003
2024-03-14T10:47:56	1	0	16	16	0	1.0480	1.0479	-0.0001	0.9989	0.9989	0.0000
2024-03-14T10:48:42	2	0	24	17	7	1.0536	1.0498	-0.0038	-0.9415	-0.9516	0.0101
2024-03-14T10:49:00	1	0	80	76	4	1.0593	1.0592	-0.0001	0.9988	0.9988	0.0000
2024-03-14T10:50:20	1	0	3	3	0	1.0482	1.0481	-0.0001	0.9939	0.9937	0.0002
2024-03-14T10:50:24	1	0	17	16	1	1.0503	1.0498	-0.0005	0.905	0.9048	0.0002
2024-03-14T10:50:32	1	0	14	13	1	1.0505	1.0501	-0.0004	-0.6737	-0.6731	-0.0006
2024-03-14T10:50:47	7	0	17	16	1	1.0497	1.0492	-0.0005	-0.9955	-0.9955	0.0000
2024-03-14T10:51:10	1	0	2	2	0	1.0642	1.0636	-0.0007	-0.7084	-0.6871	-0.0213
2024-03-14T10:52:01	1	0	3	3	0	1.0502	1.0500	-0.0002	-0.9969	-0.9969	0.0000
2024-03-14T10:53:38	5	0	208	201	7	1.0600	1.0600	-0.0001	-0.945	-0.9451	0.0001
2024-03-14T10:54:36	1	0	49	45	4	1.0571	1.0565	-0.0006	0.9773	0.9807	-0.0034
2024-03-14T10:55:07	1	0	12	12	0	1.0470	1.0470	0.0000	0.995	0.995	0.0000
2024-03-14T10:58:24	1	0	21	21	0	0.9402	0.9402	0.0000	0.9959	0.9959	0.0000
2024-03-14T10:58:59	10	0	41	33	8	1.0528	1.0506	-0.0023	-0.9888	-0.9905	0.0017
2024-03-14T10:59:34	7	0	1877	1416	461	1.1271	1.1228	-0.0043	0.9886	0.9196	0.0690
2024-03-14T10:59:42	1	0	57	57	0	1.0513	1.0512	-0.0001	-0.9842	-0.9842	0.0000
2024-03-14T11:00:08	2	0	502	502	0	1.0958	1.0958	0.0000	1	1	0.0000
2024-03-14T11:00:29	1	0	3	3	0	0.9848	0.9846	-0.0002	0.9746	0.9744	0.0002
2024-03-14T11:01:38	1	0	10	10	0	1.0503	1.0503	0.0000	0.9403	0.9397	0.0006
2024-03-14T11:02:01	1	0	1	1	0	1.0387	1.0376	-0.0011	0.9967	0.9966	0.0001
2024-03-14T11:02:41	1	0	17	16	1	1.0323	1.0384	0.0060	0.9804	0.9804	0.0000
2024-03-14T11:02:51	1	0	1	1	0	1.0347	1.0343	-0.0004	-0.9679	-0.968	0.0001
2024-03-14T11:03:45	1	0	1	0	1	0.9446	null	null	0.9537	0.9531	0.0006

2024-03-14T11:05:33	1	0	14	13	1	1.0514	1.0509	-0.0005	-0.6508	-0.6513	0.0005
2024-03-14T11:06:48	3	0	17	17	0	0.9933	0.9934	0.0001	0.9994	0.9995	-0.0001
2024-03-14T11:11:01	2	0	2	2	0	1.0331	1.0328	-0.0003	-0.9847	-0.9848	0.0001
2024-03-14T11:13:25	1	0	5	5	0	1.0519	1.0518	-0.0001	0.9906	0.9905	0.0001
2024-03-14T11:14:38	1	0	14	14	0	1.0467	1.0467	0.0000	-0.9999	-1	0.0001
2024-03-14T11:15:30	1	0	3	2	1	1.0430	1.0356	-0.0074	0.9975	0.9973	0.0002
2024-03-14T11:16:06	1	0	60	58	2	1.0530	1.0531	0.0001	0.9981	0.998	0.0001
2024-03-14T11:16:12	1	0	41	37	4	1.0501	1.0499	-0.0001	0.9657	0.9645	0.0012
2024-03-14T11:16:39	2	0	1	1	0	1.0329	1.0323	-0.0006	0.9658	0.9648	0.0010
2024-03-14T11:16:39	2	0	15	14	1	1.0531	1.0527	-0.0004	0.9643	0.9639	0.0004
2024-03-14T11:18:44	2	0	28	25	3	1.0541	1.0532	-0.0009	-0.9462	-0.9467	0.0005
2024-03-14T11:18:46	2	0	1	1	0	1.0582	1.0561	-0.0021	0.959	0.9584	0.0006
2024-03-14T11:20:49	7	0	16	15	1	1.0452	1.0441	-0.0010	0.9997	-0.9981	-0.0022
2024-03-14T11:21:59	2	0	15	15	0	0.9236	0.9246	0.0010	0.8926	0.8945	-0.0019
2024-03-14T11:22:22	1	0	5	5	0	0.9243	0.9245	0.0002	0.9598	0.96	-0.0002
2024-03-14T11:23:54	3	0	47	35	12	1.0575	1.0531	-0.0044	0.977	0.9703	0.0067
2024-03-14T11:24:52	6	0	15	13	2	1.0412	1.0383	-0.0029	0.9991	0.9995	-0.0004
2024-03-14T11:28:29	2	0	7	7	0	1.0465	1.0464	-0.0001	0.9964	0.9963	0.0001
2024-03-14T11:28:57	2	0	3	3	0	1.0301	1.0301	-0.0001	0.9973	0.9972	0.0001
2024-03-14T11:29:39	1	0	11	11	0	1.0461	1.0461	0.0000	-0.9998	-0.9998	0.0000
2024-03-14T11:30:31	2	0	2	2	0	0.9972	0.9972	0.0000	0.9689	0.9688	0.0001
2024-03-14T11:31:07	3	0	102	101	1	1.0564	1.0564	0.0000	0.9986	0.9987	-0.0001
2024-03-14T11:31:13	1	0	35	35	0	1.0500	1.0500	0.0000	0.9656	0.9656	0.0000
2024-03-14T11:31:55	1	0	52	52	0	1.0520	1.0520	0.0000	0.9813	0.9813	0.0000
2024-03-14T11:31:56	2	0	2	2	0	1.0448	1.0442	-0.0006	-0.9965	-0.9965	0.0000
2024-03-14T11:32:02	1	0	448	238	210	1.0666	1.0653	-0.0013	0.9954	0.9879	0.0075
2024-03-14T11:32:42	3	0	18	17	1	1.0522	1.0520	-0.0002	0.9996	0.993	0.0066
2024-03-14T11:34:21	2	0	72	72	0	1.0620	1.0619	-0.0001	0.9971	0.9971	0.0000
2024-03-14T11:35:22	2	0	20	19	1	1.0533	1.0531	-0.0002	0.9936	0.9933	0.0003
2024-03-14T11:35:43	1	0	4	4	0	1.0268	1.0265	-0.0003	0.9861	0.9862	-0.0001
2024-03-14T11:35:50	14	0	9	9	0	1.0481	1.0464	-0.0017	-0.9941	-0.9942	0.0001
2024-03-14T11:36:10	2	0	50	50	0	1.0522	1.0522	0.0000	-0.9983	-0.9983	0.0000
2024-03-14T11:36:21	2	0	3	3	0	1.0615	1.0611	-0.0004	-0.7041	-0.7001	-0.0040
2024-03-14T11:37:23	8	0	2	2	0	0.8909	0.8909	0.0001	0.9667	0.9669	-0.0002
2024-03-14T11:39:17	11	0	219	209	10	1.0607	1.0606	-0.0001	-0.9404	-0.9405	0.0001
2024-03-14T11:39:18	1	0	92	92	0	1.0592	1.0592	0.0000	0.9778	0.978	-0.0002
2024-03-14T11:39:39	3	0	425	419	6	1.0698	1.0665	-0.0033	0.9876	0.9838	0.0038
2024-03-14T11:41:19	2	0	34	32	2	1.0540	1.0538	-0.0002	0.9999	0.9999	0.0000
2024-03-14T11:42:10	1	0	1	1	0	1.0570	1.0562	-0.0008	0.9955	0.9954	0.0001
2024-03-14T11:42:45	1	0	5	5	0	1.0217	1.0217	0.0000	0.962	0.9621	-0.0001
2024-03-14T11:42:59	2	0	26	14	12	1.0581	1.0584	0.0003	-0.9709	-0.9765	0.0056
2024-03-14T11:43:27	3	0	5	7	-2	1.0563	1.0531	-0.0031	0.9947	0.9948	-0.0001
2024-03-14T11:44:37	9	0	35	35	0	1.0540	1.0539	-0.0001	0.9975	0.9977	-0.0002
2024-03-14T11:45:40	1	0	2	1	1	1.0461	1.0335	-0.0127	0.9969	0.9968	0.0001
2024-03-14T11:46:31	9	0	116	106	10	1.0557	1.0553	-0.0003	-0.9764	-0.9776	0.0012
2024-03-14T11:47:04	1	0	39	39	0	1.0511	1.0511	0.0000	0.9786	0.9787	-0.0001
2024-03-14T11:47:43	7	0	17	16	1	1.0319	1.0380	0.0061	0.9787	0.9789	-0.0002
2024-03-14T11:48:48	3	0	7	8	-1	1.0153	1.0204	0.0051	0.9711	0.9714	-0.0003
2024-03-14T11:49:28	2	0	58	57	1	1.0608	1.0608	-0.0001	0.9981	0.9971	0.0010
2024-03-14T11:50:25	2	0	20	19	1	1.0537	1.0534	-0.0002	0.9973	0.9972	0.0001
2024-03-14T11:51:25	1	0	2	3	-1	1.0675	1.0633	-0.0042	-0.7453	-0.7463	0.0010
2024-03-14T11:51:37	1	0	1	1	0	1.0557	1.0557	0.0000	0.9956	0.9954	0.0002
2024-03-14T11:52:24	8	0	5	5	0	0.9249	0.9249	0.0000	0.9616	0.9619	-0.0003
2024-03-14T11:52:29	1	0	7	8	-1	1.0568	1.0568	0.0000	0.9869	0.9869	0.0000
2024-03-14T11:53:59	7	0	40	33	7	1.0566	1.0531	-0.0035	0.9755	0.9707	0.0048
2024-03-14T11:54:54	10	0	10	10	0	1.0381	1.0379	-0.0001	0.9982	0.9983	-0.0001
2024-03-14T11:58:00	2	0	2	1	1	1.0592	1.0592	0.0000	-0.9681	-0.968	-0.0001
2024-03-14T12:00:35	2	0	2	0	2	1.0230	null	null	0.9759	0.976	-0.0001
2024-03-14T12:01:36	6	0	2	2	0	1.0461	1.0461	0.0000	-0.9966	-0.9968	0.0002
2024-03-14T12:01:58	2	0	1	1	0	1.0351	1.0351	0.0000	-0.9954	-0.9953	-0.0001
2024-03-14T12:04:35	1	0	53	53	0	1.0577	1.0577	0.0000	0.9982	0.9982	0.0000
2024-03-14T12:07:27	8	0	2	2	0	0.8921	0.8922	0.0001	0.9691	0.9693	-0.0002
2024-03-14T12:12:26	1	0	9	10	-1	1.0373	1.0393	0.0020	0.9537	0.954	-0.0003
2024-03-14T12:17:06	2	0	49	48	1	1.0520	1.0519	0.0000	0.9755	0.9756	-0.0001
2024-03-14T12:17:32	1	0	790	790	0	1.0748	1.0748	0.0000	-0.9903	-0.9903	0.0000
2024-03-14T12:20:29	2	0	22	21	1	1.0541	1.0539	-0.0001	0.993	0.9932	-0.0002
2024-03-14T12:49:37	2	0	44	44	0	1.0585	1.0583	-0.0002	0.9978	0.9978	0.0000
2024-03-14T12:57:50	1	0	5	5	0	1.0122	1.0122	0.0000	0.9339	0.9338	0.0001
2024-03-14T12:58:04	1	0	1	1	0	1.0579	1.0579	0.0000	-0.9625	-0.9687	0.0062
2024-03-14T12:58:32	3	0	1	2	-1	1.1204	1.0741	-0.0462	0.9537	0.9541	-0.0004
2024-03-14T12:58:44	1	0	80	78	2	1.0541	1.0541	0.0000	0.9878	0.9878	0.0000
2024-03-14T12:59:42	4	0	20	20	0	1.0548	1.0547	-0.0001	0.9972	0.9972	0.0000
2024-03-14T12:59:45	1	0	12	12	0	1.0463	1.0463	0.0000	-0.9955	-0.9955	0.0000
2024-03-14T13:00:39	2	0	2	2	0	0.9395	0.9395	0.0000	0.9696	0.9696	0.0000
2024-03-14T13:04:30	1	0	1	1	0	1.0187	1.0182	-0.0005	0.9674	0.9672	0.0002
2024-03-14T13:17:58	4	0	8	10	-2	1.0551	1.0545	-0.0006	0.9996	0.9996	0.0000
2024-03-14T13:18:54	2	0	1	1	0	1.0615	1.0562	-0.0053	0.9623	0.9623	0.0000
2024-03-14T13:29:44	9	0	25	26	-1	1.0549	1.0551	0.0002	0.9973	0.9977	-0.0004
2024-03-14T13:33:55	1	0	1	0	1	1.0551	null	null	0.9594	0.9594	0.0000
2024-03-14T13:37:23	1	0	1	0	1	0.9449	null	null	-0.9998	-0.9998	0.0000
2024-03-14T13:39:38	22	0	291	286	5	1.0624	1.0624	0.0000	-0.9441	-0.9442	0.0001
2024-03-14T13:40:01	7	0	72	12	60	0.9833	1.0403	0.0570	0.9973	0.9984	-0.0011
2024-03-14T13:47:05	2	0	1	1	0	1.0554	1.0552	-0.0002	-0.9972	-0.9972	0.0000
2024-03-14T13:47:23	1	0	38	37	1	1.0509	1.0508	-0.0001	0.9762	0.9763	-0.0001
2024-03-14T13:49:45	1	0	47	46	1	1.0600	1.0599	-0.0002	0.9986	0.9986	0.0000

2024-03-14T13:51:11	1	0	2	2	0	1.0586	1.0586	-0.0001	0.9793	0.9793	0.0000
2024-03-14T13:51:40	2	0	2	2	0	1.0441	1.0441	0.0000	0.9954	0.9955	-0.0001
2024-03-14T13:54:54	6	0	335	322	13	1.0630	1.0630	-0.0001	-0.9423	-0.9426	0.0003
2024-03-14T14:02:24	1	0	41	40	1	1.0513	1.0512	-0.0001	0.9772	0.9773	-0.0001
2024-03-14T14:03:04	1	0	791	791	0	1.0744	1.0744	0.0000	-0.9895	-0.9895	0.0000
2024-03-14T14:03:04	1	0	12	12	0	1.0540	1.0539	-0.0001	0.9997	0.9997	0.0000
2024-03-14T14:04:15	2	0	2	3	-1	1.0383	1.0441	0.0058	0.9595	0.9596	-0.0001
2024-03-14T14:04:46	3	0	53	51	2	1.0577	1.0574	-0.0004	0.9985	0.9985	0.0000
2024-03-14T14:05:39	2	0	48	45	3	1.0562	1.0560	-0.0002	0.9993	0.999	0.0003
2024-03-14T14:07:00	5	0	6	6	0	1.0577	1.0573	-0.0004	-0.997	-0.9971	0.0001
2024-03-14T14:09:08	7	0	44	42	2	1.0572	1.0571	-0.0001	0.9772	0.9769	0.0003
2024-03-14T14:10:07	22	0	424	392	32	1.0632	1.0631	-0.0001	-0.941	-0.9417	0.0007
2024-03-14T14:14:47	3	0	28	27	1	1.0536	1.0534	-0.0002	0.9979	0.9964	0.0015
2024-03-14T14:14:50	2	0	22	21	1	1.0481	1.0477	-0.0004	-0.9932	-0.9932	0.0000
2024-03-14T14:15:53	3	0	3	2	1	1.0566	1.0563	-0.0003	-0.9816	-0.9816	0.0000
2024-03-14T14:16:34	2	0	85	85	0	1.0647	1.0645	-0.0002	0.9941	0.994	0.0001
2024-03-14T14:17:15	2	0	1	1	0	1.0371	1.0370	-0.0001	0.9973	0.9973	0.0000
2024-03-14T14:17:53	2	0	20	21	-1	1.0398	1.0352	-0.0045	0.9774	0.9773	0.0001
2024-03-14T14:18:05	1	0	18	18	0	1.0523	1.0522	-0.0001	0.9986	0.9986	0.0000
2024-03-14T14:18:09	1	0	790	790	0	1.0746	1.0746	0.0000	-0.9919	-0.9919	0.0000
2024-03-14T14:19:16	2	0	1	0	1	1.0199	null	null	0.9687	0.9686	0.0001
2024-03-14T14:19:56	2	0	50	49	1	1.0585	1.0589	0.0004	0.9983	0.9983	0.0000
2024-03-14T14:20:43	2	0	43	42	1	1.0562	1.0559	-0.0002	-0.9999	-1	0.0001
2024-03-14T14:20:43	10	0	180	168	12	1.0627	1.0621	-0.0005	0.9451	0.9434	0.0017
2024-03-14T14:20:46	6	0	27	26	1	1.0547	1.0545	-0.0002	-0.5988	-0.5979	-0.0009
2024-03-14T14:20:52	1	0	11	10	1	1.0496	1.0490	-0.0006	0.9942	0.9942	0.0000
2024-03-14T14:21:02	1	0	13	13	0	1.0483	1.0483	0.0000	-0.9945	-0.9946	0.0001
2024-03-14T14:22:01	2	0	6	6	0	1.0577	1.0568	-0.0009	-0.996	-0.9962	0.0002
2024-03-14T14:22:39	2	0	11	10	1	1.0572	1.0571	-0.0002	0.9837	0.9836	0.0001
2024-03-14T14:23:11	1	0	1	1	0	1.0561	1.0559	-0.0002	0.9907	0.9906	0.0001
2024-03-14T14:23:39	2	0	597	604	-7	1.0607	1.0606	-0.0001	0.9653	0.9651	0.0002
2024-03-14T14:24:11	8	0	51	45	6	1.0575	1.0573	-0.0002	0.9782	0.9774	0.0008
2024-03-14T14:24:33	1	0	2	1	1	0.9895	0.9899	0.0004	0.9669	0.9668	0.0001
2024-03-14T14:24:50	3	0	449	448	1	1.0708	1.0709	0.0001	-0.9899	-0.9902	0.0003
2024-03-14T14:25:21	9	0	293	283	10	1.0623	1.0622	-0.0001	-0.9378	-0.9381	0.0003
2024-03-14T14:25:32	4	0	69	9	60	0.9687	1.0319	0.0632	0.9967	0.9986	-0.0019
2024-03-14T14:26:44	3	0	51	47	4	1.0548	1.0546	-0.0002	0.9999	0.9999	0.0000
2024-03-14T14:28:10	1	0	6	4	2	1.0524	1.0494	-0.0030	-0.9614	-0.9615	0.0001
2024-03-14T14:29:48	3	0	21	21	0	1.0535	1.0534	-0.0001	0.9976	0.9976	0.0000
2024-03-14T14:31:35	1	0	11	11	0	1.0312	1.0311	-0.0001	0.9494	0.9558	-0.0064
2024-03-14T14:32:12	1	0	1	1	0	1.0564	1.0561	-0.0003	0.9999	0.9999	0.0000
2024-03-14T14:32:19	1	0	2	2	0	1.0486	1.0481	-0.0005	0.9997	0.9997	0.0000
2024-03-14T14:32:26	1	0	50	49	1	1.0521	1.0520	-0.0001	0.9768	0.9768	0.0000
2024-03-14T14:32:54	5	0	19	20	-1	1.0388	1.0341	-0.0047	0.9783	0.9781	0.0002
2024-03-14T14:33:06	3	0	11	10	1	1.0524	1.0519	-0.0005	0.9994	0.9994	0.0000
2024-03-14T14:33:17	1	0	789	789	0	1.0739	1.0738	0.0000	-0.9884	-0.9884	0.0000
2024-03-14T14:34:19	3	0	1	1	0	1.0359	1.0354	-0.0005	0.9636	0.9633	0.0003
2024-03-14T14:34:22	1	0	29	29	0	1.0509	1.0508	-0.0001	-0.9731	-0.9731	0.0000
2024-03-14T14:34:55	3	0	1	1	0	1.0276	1.0268	-0.0008	0.9679	0.967	0.0009
2024-03-14T14:35:05	3	0	51	49	2	1.0577	1.0572	-0.0005	0.9979	0.9979	0.0000
2024-03-14T14:35:35	1	0	35	34	1	1.0565	1.0565	0.0000	0.9611	0.9607	0.0004
2024-03-14T14:35:44	10	0	684	673	11	1.0774	1.0771	-0.0004	0.9505	0.9495	0.0010
2024-03-14T14:35:47	2	0	21	20	1	1.0542	1.0538	-0.0004	1	0.9998	0.0002
2024-03-14T14:35:55	1	0	1	1	0	1.0334	1.0333	-0.0001	0.9883	0.9881	0.0002
2024-03-14T14:36:03	21	0	57	55	2	1.0560	1.0558	-0.0002	-0.9954	-0.9962	0.0008
2024-03-14T14:36:20	1	0	2	2	0	1.0574	1.0570	-0.0003	0.9796	0.9795	0.0001
2024-03-14T14:36:31	2	0	24	24	0	1.0476	1.0476	0.0000	-1	-1	0.0000
2024-03-14T14:36:39	1	0	2	2	0	1.0671	1.0667	-0.0004	-0.7317	-0.7292	-0.0025
2024-03-14T14:37:02	2	0	6	6	0	1.0578	1.0568	-0.0010	-0.9964	-0.9966	0.0002
2024-03-14T14:37:40	2	0	5	5	0	1.0510	1.0509	-0.0001	0.9835	0.9834	0.0001
2024-03-14T14:38:43	3	0	583	575	8	1.0604	1.0603	-0.0002	0.9646	0.9639	0.0007
2024-03-14T14:39:18	6	0	37	37	0	1.0571	1.0567	-0.0004	0.9777	0.9771	0.0006
2024-03-14T14:39:54	3	0	102	102	0	1.0608	1.0607	0.0000	0.9843	0.9839	0.0004
2024-03-14T14:40:02	1	0	27	27	0	1.0512	1.0512	0.0000	0.9533	0.9531	0.0002
2024-03-14T14:40:33	17	0	485	456	29	1.0635	1.0634	-0.0001	-0.9334	-0.934	0.0006
2024-03-14T14:40:46	7	0	71	71	0	0.9759	0.9759	-0.0001	0.9986	0.9992	-0.0006
2024-03-14T14:41:05	2	0	4	4	0	0.9539	0.9550	0.0010	0.9082	0.9086	-0.0004
2024-03-14T14:41:52	3	0	51	49	2	1.0539	1.0540	0.0001	0.9999	0.9999	0.0000
2024-03-14T14:42:25	1	0	6	6	0	1.0172	1.0171	-0.0001	0.9669	0.9668	0.0001
2024-03-14T14:42:42	1	0	1	1	0	1.0095	1.0092	-0.0003	0.971	0.9648	0.0062
2024-03-14T14:42:57	1	0	5	5	0	1.0167	1.0167	0.0000	0.94	0.9399	0.0001
2024-03-14T14:43:39	3	0	5	5	0	1.0488	1.0486	-0.0003	0.9535	0.9529	0.0006
2024-03-14T14:44:45	1	0	23	23	0	1.0444	1.0443	-0.0001	0.9995	0.9989	0.0006
2024-03-14T14:44:49	3	0	2	2	0	1.0612	1.0610	-0.0002	0.9976	0.9961	0.0015
2024-03-14T14:45:00	2	0	9	9	0	1.0412	1.0411	0.0000	-0.9926	-0.9926	0.0000
2024-03-14T14:45:46	2	0	2	2	0	0.9713	0.9705	-0.0009	0.9597	0.9594	0.0003
2024-03-14T14:46:40	1	0	154	154	0	1.0655	1.0655	0.0000	0.9996	0.9996	0.0000
2024-03-14T14:46:48	1	0	20	20	0	1.0449	1.0449	-0.0001	0.9655	0.9654	0.0001
2024-03-14T14:47:09	2	0	1	1	0	1.0561	1.0555	-0.0006	-0.9974	-0.9975	0.0001
2024-03-14T14:47:20	1	0	3	3	0	1.0360	1.0359	-0.0002	0.9997	0.9997	0.0000
2024-03-14T14:47:29	1	0	3	3	0	0.9800	0.9803	0.0003	0.9873	0.9874	-0.0001
2024-03-14T14:49:04	2	0	1	1	0	1.0564	1.0554	-0.0010	0.9501	0.9497	0.0004
2024-03-14T14:49:56	2	0	1	1	0	1.0261	1.0256	-0.0005	0.9688	0.9682	0.0006
2024-03-14T14:50:45	1	0	46	42	4	1.0564	1.0559	-0.0004	0.9244	0.924	0.0004
2024-03-14T14:52:03	1	0	6	6	0	1.0569	1.0561	-0.0009	-0.9932	-0.9934	0.0002

2024-03-14T14:53:17	1	0	2	2	0	1.0514	1.0512	-0.0003	0.9995	0.9995	0.0000
2024-03-14T14:54:24	3	0	43	42	1	1.0570	1.0566	-0.0004	0.9778	0.9775	0.0003
2024-03-14T14:55:00	2	0	112	110	2	1.0571	1.0571	0.0000	0.9618	0.9617	0.0001
2024-03-14T14:57:24	1	0	1	1	0	1.0594	1.0592	-0.0002	0.9948	0.9948	0.0000
2024-03-14T14:58:14	1	0	1	0	1	1.0551	null	null	-0.9858	-0.9858	0.0000
2024-03-14T14:58:22	1	0	635	635	0	1.0645	1.0645	0.0000	0.9792	0.9789	0.0003
2024-03-14T14:59:18	2	0	3	3	0	1.0360	1.0358	-0.0002	0.9959	0.9958	0.0001
2024-03-14T15:00:18	2	0	2	2	0	1.0274	1.0266	-0.0008	0.9833	0.9832	0.0001
2024-03-14T15:01:26	2	0	120	118	2	1.0559	1.0558	0.0000	0.9936	0.9935	0.0001
2024-03-14T15:01:41	1	0	130	130	0	1.0687	1.0686	-0.0001	0.9918	0.9917	0.0001
2024-03-14T15:01:54	4	0	21	20	1	1.0539	1.0529	-0.0010	0.9708	0.9701	0.0007
2024-03-14T15:03:13	2	0	30	24	6	1.0501	1.0504	0.0003	0.9989	0.9989	0.0000
2024-03-14T15:05:24	1	0	54	52	2	1.0585	1.0581	-0.0004	0.9979	0.9979	0.0000
2024-03-14T15:05:46	1	0	71	68	3	1.0598	1.0591	-0.0007	0.9198	0.9194	0.0004
2024-03-14T15:05:52	5	0	26	25	1	1.0550	1.0548	-0.0002	-0.6339	-0.6341	0.0002
2024-03-14T15:06:14	1	0	52	52	0	1.0579	1.0579	0.0000	-0.9737	-0.9753	0.0016
2024-03-14T15:06:55	1	0	5	5	0	1.0347	1.0345	-0.0002	-0.9911	-0.9911	0.0000
2024-03-14T15:07:04	1	0	6	6	0	1.0562	1.0553	-0.0008	-0.9949	-0.9951	0.0002
2024-03-14T15:10:48	1	0	548	541	7	1.0635	1.0635	0.0000	-0.9374	-0.9375	0.0001
2024-03-14T15:11:02	3	0	33	33	0	1.0508	1.0506	-0.0001	-0.9997	-0.9997	0.0000
2024-03-14T15:11:18	1	0	1	1	0	1.0423	1.0410	-0.0013	-0.9649	-0.9631	-0.0018
2024-03-14T15:11:55	1	0	12	11	1	1.0481	1.0487	0.0006	-1	1	0.0000
2024-03-14T15:13:13	1	0	4	2	2	1.0576	1.0567	-0.0009	-0.9825	-0.974	-0.0085
2024-03-14T15:18:13	3	0	53	51	2	1.0523	1.0523	0.0000	-0.9952	-0.9938	-0.0014
2024-03-14T15:20:47	1	0	153	149	4	1.0640	1.0636	-0.0004	0.9325	0.9321	0.0004
2024-03-14T15:21:12	1	0	12	12	0	1.0470	1.0470	0.0000	-0.9965	-0.9965	0.0000
2024-03-14T15:22:05	1	0	9	9	0	1.0249	1.0244	-0.0005	1	1	0.0000
2024-03-14T15:26:00	1	0	330	329	1	1.0621	1.0621	0.0000	-0.9462	-0.9461	-0.0001
2024-03-14T15:35:43	1	0	112	102	10	1.0660	1.0657	-0.0003	1	1	0.0000
2024-03-14T15:35:48	1	0	143	139	4	1.0634	1.0628	-0.0006	0.9235	0.9231	0.0004
2024-03-14T15:37:06	1	0	6	6	0	1.0550	1.0543	-0.0006	-0.9979	-0.9981	0.0002
2024-03-14T15:38:57	1	0	580	574	6	1.0603	1.0602	-0.0001	0.9715	0.9711	0.0004
2024-03-14T15:41:11	1	0	69	69	0	0.9667	0.9667	0.0000	0.9969	0.998	-0.0011
2024-03-14T15:41:13	1	0	418	413	5	1.0623	1.0623	0.0000	-0.9445	-0.9444	-0.0001
2024-03-14T15:50:48	1	0	89	86	3	1.0633	1.0630	-0.0003	0.9999	0.9999	0.0000
2024-03-14T15:50:49	1	0	162	158	4	1.0644	1.0641	-0.0003	0.9192	0.9189	0.0003
2024-03-14T15:50:59	1	0	49	48	1	1.0557	1.0555	-0.0002	-0.9982	-0.999	0.0008
2024-03-14T15:52:07	1	0	5	5	0	1.0521	1.0514	-0.0007	-0.9885	-0.9913	0.0028
2024-03-14T15:56:12	1	0	70	70	0	0.9690	0.9690	0.0000	0.9969	0.998	-0.0011
2024-03-14T15:56:26	4	0	571	564	7	1.0622	1.0622	0.0000	-0.9492	-0.9492	0.0000
2024-03-14T16:00:13	1	0	36	36	0	1.0492	1.0492	0.0000	-0.9911	-0.9911	0.0000
2024-03-14T16:01:40	2	0	3	3	0	1.0260	1.0258	-0.0002	0.9473	0.9463	0.0010
2024-03-14T16:04:09	1	0	13	11	2	0.9426	0.9424	-0.0002	0.9558	0.9559	-0.0001
2024-03-14T16:05:50	1	0	187	182	5	1.0655	1.0649	-0.0006	0.9348	0.9344	0.0004
2024-03-14T16:07:08	1	0	5	5	0	1.0508	1.0504	-0.0004	-0.9875	-0.9905	0.0030
2024-03-14T16:07:24	1	0	5	5	0	1.0338	1.0336	-0.0002	-0.9946	-0.9946	0.0000
2024-03-14T16:10:14	3	0	2	2	0	1.0242	1.0235	-0.0007	-0.9968	-0.9968	0.0000
2024-03-14T16:20:51	1	0	252	252	0	1.0681	1.0679	-0.0003	0.9496	0.9493	0.0003
2024-03-14T16:21:04	1	0	83	82	1	1.0617	1.0617	-0.0001	0.9949	0.9949	0.0000
2024-03-14T16:21:48	2	0	61	61	0	1.0492	1.0491	-0.0001	-0.9958	-0.9959	0.0001
2024-03-14T16:22:09	1	0	4	4	0	1.0493	1.0488	-0.0005	-0.9885	-0.9914	0.0029
2024-03-14T16:27:58	1	0	2	2	0	1.0451	1.0451	0.0000	0.9874	0.9876	-0.0002
2024-03-14T16:30:53	2	0	2	2	0	1.0116	1.0114	-0.0002	0.9751	0.9749	0.0002
2024-03-14T16:50:53	1	0	92	90	2	1.0624	1.0622	-0.0002	0.9109	0.9108	0.0001
2024-03-14T16:52:11	1	0	7	7	0	1.0554	1.0551	-0.0003	-0.9888	-0.9889	0.0001
2024-03-14T17:13:01	1	0	4	4	0	1.0458	1.0458	0.0000	0.9978	0.9979	-0.0001
2024-03-14T17:26:27	1	0	1	1	0	1.0348	1.0339	-0.0009	-0.965	-0.9709	0.0059
2024-03-14T17:40:23	1	0	17	17	0	1.0461	1.0461	0.0000	0.9783	0.9784	-0.0001
2024-03-15T08:40:55	1	0	1	1	0	1.0290	1.0286	-0.0004	-0.9815	-0.9814	-0.0001
2024-03-15T08:46:30	1	0	659	667	-8	0.7405	0.7704	0.0300	0.8738	0.8944	-0.0206
2024-03-15T08:47:20	1	0	797	797	0	1.0751	1.0751	0.0000	-0.9942	-0.9942	0.0000
2024-03-15T08:58:00	1	0	560	558	2	1.0630	1.0630	0.0000	0.9841	0.9841	0.0000
2024-03-15T09:06:45	1	0	21	21	0	0.9575	0.9574	-0.0001	0.9996	0.9996	0.0000
2024-03-15T09:08:02	1	0	121	119	2	1.0554	1.0554	0.0000	0.9732	0.9731	0.0001
2024-03-15T09:09:50	2	0	64	64	0	0.9165	0.9165	0.0000	0.9952	0.9951	0.0001
2024-03-15T09:09:58	1	0	90	89	1	1.0529	1.0529	0.0000	0.9657	0.9657	0.0000
2024-03-15T09:13:01	4	0	608	605	3	1.0632	1.0632	0.0000	0.9851	0.9849	0.0002
2024-03-15T09:18:40	1	0	16	16	0	1.0472	1.0470	-0.0002	-0.987	-0.9872	0.0002
2024-03-15T09:20:24	6	0	71	67	4	1.0576	1.0562	-0.0014	0.9415	0.9409	0.0006
2024-03-15T09:20:37	1	0	2	2	0	1.0318	1.0315	-0.0004	0.9864	0.9863	0.0001
2024-03-15T09:20:41	2	0	18	18	0	0.9564	0.9565	0.0001	0.8366	0.8366	0.0000
2024-03-15T09:22:05	7	0	3	2	1	1.0364	1.0359	-0.0004	0.9882	0.9882	0.0000
2024-03-15T09:23:05	2	0	111	102	9	1.0552	1.0551	-0.0001	0.9723	0.9719	0.0004
2024-03-15T09:24:04	1	0	1	1	0	1.0322	1.0322	0.0000	0.9578	0.9574	0.0004
2024-03-15T09:24:37	2	0	3	3	0	1.0459	1.0456	-0.0003	0.9915	0.9912	0.0003
2024-03-15T09:24:59	1	0	46	45	1	1.0505	1.0504	-0.0001	0.9661	0.9661	0.0000
2024-03-15T09:28:34	1	0	2	2	0	1.0321	1.0316	-0.0005	0.993	0.9929	0.0001
2024-03-15T09:29:11	1	0	4	4	0	1.0476	1.0475	-0.0001	-0.9779	-0.978	0.0001
2024-03-15T09:32:14	1	0	4	4	0	1.0232	1.0231	-0.0001	-0.9982	-0.9982	0.0000
2024-03-15T09:35:25	1	0	21	21	0	1.0509	1.0507	-0.0001	0.9259	0.9257	0.0002
2024-03-15T09:40:59	1	0	3	3	0	1.0329	1.0325	-0.0004	-0.978	-0.9747	-0.0033
2024-03-15T09:41:09	1	0	1	0	1	1.0361	null	null	0.9999	0.9999	0.0000
2024-03-15T09:43:03	1	0	544	543	1	1.0626	1.0626	0.0000	0.9835	0.9834	0.0001
2024-03-15T09:45:45	3	0	25	22	3	1.0529	1.0524	-0.0005	0.9977	0.9977	0.0000
2024-03-15T09:46:03	2	0	131	127	4	1.0576	1.0575	-0.0001	0.9987	0.9986	0.0001

2024-03-15T09:46:12	1	0	26	26	0	1.0515	1.0514	-0.0001	0.9637	0.9633	0.0004
2024-03-15T09:48:48	1	0	15	15	0	1.0460	1.0459	-0.0001	-0.9862	-0.9863	0.0001
2024-03-15T09:50:07	1	0	19	19	0	1.0539	1.0539	0.0000	0.9983	0.9981	0.0002
2024-03-15T09:50:20	2	0	1	1	0	1.0393	1.0387	-0.0006	0.9828	0.9829	-0.0001
2024-03-15T09:50:26	1	0	25	25	0	1.0544	1.0542	-0.0002	0.9269	0.9267	0.0002
2024-03-15T09:50:39	1	0	1	1	0	1.0317	1.0317	0.0000	0.9865	0.9865	0.0000
2024-03-15T09:50:43	1	0	8	8	0	0.9796	0.9796	-0.0001	0.8359	0.8356	0.0003
2024-03-15T09:50:49	1	0	52	51	1	1.0498	1.0498	0.0000	-0.9998	-0.9998	0.0000
2024-03-15T09:51:13	1	0	2	2	0	1.0340	1.0336	-0.0004	-0.9999	-0.9999	0.0000
2024-03-15T09:51:48	2	0	17	17	0	0.9715	0.9713	-0.0003	-1	1	0.0000
2024-03-15T09:52:13	1	0	3	3	0	1.0563	1.0560	-0.0003	0.9939	0.9939	0.0000
2024-03-15T09:53:10	1	0	247	244	3	1.0574	1.0573	-0.0001	0.9718	0.9716	0.0002
2024-03-15T09:54:53	3	0	63	63	0	0.8948	0.8948	0.0000	0.9848	0.9849	-0.0001
2024-03-15T09:57:42	1	0	2	2	0	0.9924	0.9926	0.0002	-0.9758	-0.9757	-0.0001
2024-03-15T09:58:04	1	0	555	555	0	1.0632	1.0632	0.0000	0.9823	0.9823	0.0000
2024-03-15T09:58:40	2	0	4	4	0	1.0076	1.0073	-0.0003	-0.9477	-0.9476	-0.0001
2024-03-15T09:59:13	3	0	7	7	0	1.0493	1.0490	-0.0004	-0.976	-0.9766	0.0006
2024-03-15T10:00:46	3	0	20	19	1	1.0527	1.0525	-0.0002	0.9983	0.9983	0.0000
2024-03-15T10:03:00	1	0	73	71	2	0.9476	0.9479	0.0003	0.9445	0.9445	0.0000
2024-03-15T10:03:53	1	0	16	15	1	1.0465	1.0462	-0.0003	-0.9843	-0.9849	0.0006
2024-03-15T10:05:08	1	0	18	16	2	1.0531	1.0532	0.0001	0.9998	0.9997	0.0001
2024-03-15T10:05:23	2	0	1	1	0	1.0445	1.0441	-0.0004	0.9818	0.9819	-0.0001
2024-03-15T10:05:27	4	0	17	13	4	1.0515	1.0493	-0.0022	0.9154	0.9142	0.0012
2024-03-15T10:05:44	2	0	8	8	0	0.9698	0.9696	-0.0002	0.8381	0.8375	0.0006
2024-03-15T10:05:49	7	0	18	17	1	1.0505	1.0502	-0.0003	-0.999	-0.9991	0.0001
2024-03-15T10:05:50	1	0	41	40	1	1.0516	1.0516	0.0000	-0.9999	-0.9999	0.0000
2024-03-15T10:06:11	1	0	11	11	0	1.0527	1.0523	-0.0003	-0.914	-0.9158	0.0018
2024-03-15T10:06:49	2	0	18	18	0	0.9718	0.9715	-0.0003	0.9998	0.9997	0.0001
2024-03-15T10:08:12	3	0	180	165	15	1.0565	1.0562	-0.0002	0.9721	0.9713	0.0008
2024-03-15T10:09:34	3	0	89	86	3	1.0010	1.0012	0.0003	0.9675	0.9672	0.0003
2024-03-15T10:09:40	2	0	3	3	0	1.0464	1.0457	-0.0006	0.9923	0.9918	0.0005
2024-03-15T10:09:54	1	0	65	65	0	0.9376	0.9376	-0.0001	0.9855	0.9875	-0.0020
2024-03-15T10:10:02	1	0	62	61	1	1.0526	1.0525	-0.0001	0.9548	0.9547	0.0001
2024-03-15T10:10:44	1	0	36	31	5	1.0538	1.0535	-0.0003	1	0.9999	0.0001
2024-03-15T10:11:01	2	0	2	2	0	0.9994	0.9988	-0.0007	-0.9823	-0.9826	0.0003
2024-03-15T10:12:44	1	0	8	8	0	1.0259	1.0258	-0.0001	0.9586	0.9584	0.0002
2024-03-15T10:13:05	5	0	618	613	5	1.0653	1.0651	-0.0002	0.9842	0.9836	0.0006
2024-03-15T10:13:52	1	0	12	12	0	1.0476	1.0476	-0.0001	0.998	0.9955	0.0025
2024-03-15T10:14:30	2	0	13	13	0	1.0464	1.0464	0.0000	-0.995	-0.995	0.0000
2024-03-15T10:17:30	2	0	9	7	2	1.0186	1.0283	0.0098	0.9783	0.9781	0.0002
2024-03-15T10:18:57	1	0	26	25	1	1.0561	1.0561	0.0000	0.9932	0.9932	0.0000
2024-03-15T10:19:24	1	0	1	1	0	1.0127	1.0123	-0.0004	0.97	0.9699	0.0001
2024-03-15T10:20:35	4	0	9	7	2	1.0525	1.0509	-0.0016	-0.7693	-0.7718	0.0025
2024-03-15T10:20:45	6	0	41	37	4	1.0547	1.0543	-0.0004	0.9786	0.9776	0.0010
2024-03-15T10:20:51	1	0	44	42	2	1.0517	1.0517	0.0000	-0.9999	-0.9999	0.0000
2024-03-15T10:21:03	3	0	129	124	5	1.0644	1.0636	-0.0008	-0.9955	-0.9963	0.0008
2024-03-15T10:24:42	3	0	105	104	1	1.0141	1.0140	0.0000	0.9677	0.9676	0.0001
2024-03-15T10:24:55	2	0	64	64	0	0.9209	0.9208	-0.0001	0.9911	0.991	0.0001
2024-03-15T10:26:38	1	0	12	12	0	1.0510	1.0509	-0.0001	0.9824	0.9824	0.0000
2024-03-15T10:27:44	2	0	2	2	0	0.9946	0.9948	0.0002	-0.9739	-0.9737	-0.0002
2024-03-15T10:28:06	1	0	654	642	12	1.0660	1.0660	0.0000	0.9832	0.9831	0.0001
2024-03-15T10:28:26	1	0	4	4	0	1.0498	1.0497	-0.0001	0.9784	0.9782	0.0002
2024-03-15T10:29:15	1	0	5	5	0	1.0504	1.0502	-0.0001	-0.9793	-0.9795	0.0002
2024-03-15T10:30:30	3	0	1	0	1	1.0564	null	null	0.988	0.988	0.0000
2024-03-15T10:31:06	1	0	43	42	1	1.0546	1.0546	0.0000	0.9983	0.9983	0.0000
2024-03-15T10:31:57	1	0	39	38	1	1.0506	1.0505	-0.0001	0.979	0.9791	-0.0001
2024-03-15T10:32:14	1	0	4	4	0	0.9763	0.9766	0.0003	0.9833	0.9833	0.0000
2024-03-15T10:32:18	1	0	4	4	0	1.0296	1.0294	-0.0002	-0.9983	-0.9983	0.0000
2024-03-15T10:32:24	2	0	8	7	1	1.0513	1.0503	-0.0009	0.9969	0.9969	0.0000
2024-03-15T10:34:05	2	0	1	1	0	1.0268	1.0263	-0.0005	0.9792	0.979	0.0002
2024-03-15T10:34:16	3	0	2	2	0	1.0533	1.0527	-0.0006	0.9935	0.9934	0.0001
2024-03-15T10:35:07	4	0	4	4	0	1.0488	1.0481	-0.0008	0.9811	0.9804	0.0007
2024-03-15T10:35:41	1	0	12	11	1	1.0469	1.0461	-0.0008	0.9987	0.9987	0.0000
2024-03-15T10:35:52	1	0	49	48	1	1.0519	1.0519	0.0000	-0.9999	-0.9999	0.0000
2024-03-15T10:39:56	1	0	66	66	0	0.9471	0.9470	0.0000	0.9958	0.9958	0.0000
2024-03-15T10:40:04	1	0	21	21	0	1.0479	1.0478	0.0000	0.9444	0.9442	0.0002
2024-03-15T10:40:58	1	0	38	33	5	1.0551	1.0547	-0.0003	0.9999	0.9998	0.0001
2024-03-15T10:43:27	1	0	5	5	0	1.0473	1.0471	-0.0001	0.975	0.9749	0.0001
2024-03-15T10:43:49	1	0	2	2	0	1.0343	1.0333	-0.0010	0.9928	0.9926	0.0002
2024-03-15T10:43:50	2	0	37	37	0	0.9388	0.9393	0.0006	0.9999	0.9999	0.0000
2024-03-15T10:43:56	2	0	9	8	1	1.0503	1.0489	-0.0014	0.9954	0.9952	0.0002
2024-03-15T10:44:42	2	0	4	4	0	1.0590	1.0583	-0.0008	0.9908	0.9907	0.0001
2024-03-15T10:46:07	1	0	39	38	1	1.0504	1.0503	-0.0001	0.996	0.996	0.0000
2024-03-15T10:48:01	1	0	3	3	0	1.0432	1.0430	-0.0002	0.9961	0.9959	0.0002
2024-03-15T10:49:08	2	0	40	39	1	1.0621	1.0619	-0.0002	0.9854	0.985	0.0004
2024-03-15T10:50:28	1	0	3	3	0	1.0472	1.0471	-0.0001	0.9922	0.992	0.0002
2024-03-15T10:50:30	3	0	60	54	6	1.0562	1.0560	-0.0003	0.9378	0.9372	0.0006
2024-03-15T10:51:14	1	0	2	2	0	1.0577	1.0571	-0.0007	-0.9021	-0.907	0.0049
2024-03-15T10:51:52	1	0	17	16	1	0.9869	0.9823	-0.0046	0.9996	0.9999	-0.0003
2024-03-15T10:55:02	2	0	2	2	0	1.0485	1.0481	-0.0004	-0.987	-0.9874	0.0004
2024-03-15T10:55:05	1	0	11	11	0	1.0415	1.0415	0.0000	0.9686	0.9685	0.0001
2024-03-15T10:55:11	1	0	6	6	0	1.0469	1.0469	0.0000	0.9949	0.9949	0.0000
2024-03-15T10:56:05	1	0	32	28	4	1.0533	1.0531	-0.0001	0.9998	0.9998	0.0000
2024-03-15T10:57:13	1	0	2	2	0	1.0319	1.0317	-0.0003	0.9813	0.9812	0.0001
2024-03-15T10:58:55	1	0	5	5	0	1.0284	1.0282	-0.0001	0.9926	0.9925	0.0001

2024-03-15T10:59:33	1	0	11	11	0	1.0471	1.0471	0.0000	-0.9951	-0.9951	0.0000
2024-03-15T11:01:05	2	0	2	2	0	1.0224	1.0219	-0.0005	0.9499	0.9482	0.0017
2024-03-15T11:01:59	1	0	46	45	1	1.0515	1.0514	-0.0001	0.9776	0.9777	-0.0001
2024-03-15T11:02:25	2	0	2	2	0	1.0618	1.0615	-0.0003	0.9969	0.9969	0.0000
2024-03-15T11:02:57	3	0	32	30	2	1.0503	1.0502	-0.0001	-0.9989	-0.9998	0.0009
2024-03-15T11:03:36	1	0	1	1	0	1.0572	1.0565	-0.0007	0.9509	0.9507	0.0002
2024-03-15T11:03:48	4	0	3	3	0	1.0405	1.0397	-0.0007	0.9758	0.9744	0.0014
2024-03-15T11:04:14	1	0	1	1	0	1.0440	1.0437	-0.0003	-0.9889	-0.9889	0.0000
2024-03-15T11:04:26	1	0	3	3	0	1.0515	1.0513	-0.0002	-0.9915	-0.9915	0.0000
2024-03-15T11:05:31	1	0	32	31	1	1.0534	1.0531	-0.0003	0.9282	0.9278	0.0004
2024-03-15T11:05:53	4	0	74	44	30	1.0588	1.0559	-0.0028	0.9728	0.9654	0.0074
2024-03-15T11:06:00	2	0	64	62	2	1.0523	1.0523	0.0000	-0.9998	-0.9998	0.0000
2024-03-15T11:06:53	2	0	18	18	0	0.9745	0.9744	-0.0001	0.9994	0.9994	0.0000
2024-03-15T11:08:31	1	0	438	433	5	1.0596	1.0595	-0.0001	0.9703	0.97	0.0003
2024-03-15T11:08:33	1	0	1	1	0	1.0327	1.0327	0.0000	0.9996	0.9996	0.0000
2024-03-15T11:09:44	1	0	3	3	0	1.0419	1.0418	-0.0001	0.994	0.9847	0.0093
2024-03-15T11:09:58	1	0	66	66	0	0.9459	0.9458	-0.0001	0.9952	0.9952	0.0000
2024-03-15T11:11:15	1	0	1	1	0	1.0339	1.0332	-0.0007	-0.9999	-0.9999	0.0000
2024-03-15T11:12:12	1	0	1	0	1	1.0553	null	null	0.9956	0.9956	0.0000
2024-03-15T11:14:44	1	0	4	4	0	1.0583	1.0582	-0.0001	0.9914	0.9913	0.0001
2024-03-15T11:15:51	2	0	24	24	0	1.0531	1.0531	0.0000	0.9973	0.9972	0.0001
2024-03-15T11:16:05	2	0	1	0	1	1.0565	null	null	0.9979	0.9977	0.0002
2024-03-15T11:17:17	1	0	8	8	0	0.9900	0.9898	-0.0002	0.9814	0.9811	0.0003
2024-03-15T11:17:35	1	0	794	794	0	1.0746	1.0746	0.0000	-0.9969	-0.9969	0.0000
2024-03-15T11:18:49	1	0	9	9	0	1.0312	1.0311	-0.0001	0.9723	0.9722	0.0001
2024-03-15T11:19:27	1	0	97	97	0	0.8929	0.8938	0.0009	-0.9912	-0.9909	-0.0003
2024-03-15T11:20:28	2	0	1	0	1	0.9449	null	null	0.9715	0.9718	-0.0003
2024-03-15T11:22:01	2	0	15	15	0	0.9207	0.9218	0.0011	0.8954	0.8972	-0.0018
2024-03-15T11:23:00	1	0	4	4	0	1.0518	1.0518	-0.0001	0.995	0.995	0.0000
2024-03-15T11:23:34	1	0	225	220	5	1.0576	1.0575	-0.0001	0.969	0.9688	0.0002
2024-03-15T11:25:57	1	0	1	1	0	1.0122	1.0112	-0.0010	0.9999	0.9999	0.0000
2024-03-15T11:26:39	3	0	445	440	5	0.8771	0.8778	0.0007	-0.9997	-0.9997	0.0000
2024-03-15T11:27:13	1	0	1	1	0	1.0563	1.0556	-0.0007	0.9964	0.9963	0.0001
2024-03-15T11:29:45	4	0	3	3	0	1.0492	1.0489	-0.0003	0.9912	0.991	0.0002
2024-03-15T11:31:06	2	0	1	1	0	1.0641	1.0633	-0.0008	0.999	0.999	0.0000
2024-03-15T11:32:04	1	0	1	1	0	1.0554	1.0551	-0.0003	0.9933	0.9932	0.0001
2024-03-15T11:32:23	1	0	4	4	0	1.0483	1.0483	0.0000	-0.9935	-0.9934	-0.0001
2024-03-15T11:32:32	3	0	2	2	0	1.0595	1.0594	-0.0001	0.9983	0.9984	-0.0001
2024-03-15T11:32:35	2	0	6	5	1	1.0130	1.0282	0.0152	0.9749	0.9749	0.0000
2024-03-15T11:32:40	1	0	797	797	0	1.0759	1.0759	0.0000	-0.9958	-0.9958	0.0000
2024-03-15T11:34:24	3	0	3	4	-1	1.0548	1.0549	0.0001	0.9936	0.9937	-0.0001
2024-03-15T11:34:38	2	0	42	40	2	1.0587	1.0586	-0.0001	0.9926	0.9925	0.0001
2024-03-15T11:34:47	3	0	2	2	0	1.0240	1.0234	-0.0007	0.9689	0.9725	-0.0036
2024-03-15T11:35:23	2	0	20	20	0	1.0525	1.0524	-0.0001	0.9927	0.9924	0.0003
2024-03-15T11:35:29	4	0	1	1	0	0.9361	0.9367	0.0006	0.9728	0.9734	-0.0006
2024-03-15T11:35:33	5	0	41	41	0	1.0549	1.0548	-0.0001	0.9363	0.9361	0.0002
2024-03-15T11:35:55	9	0	17	16	1	1.0473	1.0473	0.0000	-0.9996	-0.9996	0.0000
2024-03-15T11:35:59	8	0	34	29	5	0.9508	0.9532	0.0024	0.8181	0.8214	-0.0033
2024-03-15T11:38:39	1	0	25	24	1	1.0510	1.0508	-0.0002	-0.987	-0.987	0.0000
2024-03-15T11:40:23	2	0	1	1	0	1.0598	1.0595	-0.0003	-0.9893	-0.9894	0.0001
2024-03-15T11:41:28	2	0	45	41	4	1.0530	1.0529	-0.0002	1	0.9999	0.0001
2024-03-15T11:43:54	2	0	3	3	0	1.0212	1.0212	0.0000	0.9983	0.9983	0.0000
2024-03-15T11:43:58	1	0	14	14	0	1.0530	1.0529	0.0000	0.9944	0.9972	-0.0028
2024-03-15T11:44:07	1	0	2	2	0	1.0563	1.0561	-0.0002	-0.997	-0.997	0.0000
2024-03-15T11:44:08	2	0	5	5	0	1.0317	1.0317	0.0000	0.9932	0.9935	-0.0003
2024-03-15T11:47:00	2	0	1	0	1	1.0553	null	null	-0.9985	-0.9985	0.0000
2024-03-15T11:47:24	1	0	4	5	-1	1.0487	1.0446	-0.0041	-0.9932	-0.9931	-0.0001
2024-03-15T11:47:36	2	0	8	7	1	1.0223	1.0341	0.0118	0.9742	0.9743	-0.0001
2024-03-15T11:47:38	1	0	1	1	0	1.0643	1.0642	-0.0001	0.9981	0.9981	0.0000
2024-03-15T11:47:46	1	0	795	795	0	1.0752	1.0752	0.0000	-0.9966	-0.9965	-0.0001
2024-03-15T11:48:07	3	0	41	38	3	1.0571	1.0568	-0.0003	0.9566	0.9566	0.0000
2024-03-15T11:49:25	3	0	4	5	-1	1.0568	1.0546	-0.0022	0.9932	0.9932	0.0000
2024-03-15T11:49:48	3	0	1	1	0	1.0266	1.0265	-0.0001	0.9684	0.9685	-0.0001
2024-03-15T11:49:53	2	0	45	45	0	1.0590	1.0589	0.0000	0.992	0.992	0.0000
2024-03-15T11:50:26	2	0	29	27	2	1.0559	1.0557	-0.0002	0.9977	0.9976	0.0001
2024-03-15T11:50:30	4	0	1	2	-1	0.9400	0.9885	0.0485	0.9817	0.9819	-0.0002
2024-03-15T11:52:16	6	0	1	1	0	1.0563	1.0550	-0.0013	0.9865	0.9864	0.0001
2024-03-15T11:52:17	1	0	1	1	0	0.9433	0.9444	0.0011	0.9981	0.9983	-0.0002
2024-03-15T11:55:29	1	0	97	95	2	0.9372	0.9373	0.0001	0.9884	0.9886	-0.0002
2024-03-15T11:56:35	2	0	29	29	0	1.0536	1.0534	-0.0002	0.9999	0.9999	0.0000
2024-03-15T11:58:55	2	0	3	3	0	1.0225	1.0225	0.0000	0.998	0.998	0.0000
2024-03-15T11:59:08	2	0	2	2	0	1.0580	1.0569	-0.0011	-0.9978	-0.9979	0.0001
2024-03-15T11:59:14	2	0	5	5	0	1.0316	1.0315	-0.0001	0.9929	0.9931	-0.0002
2024-03-15T11:59:54	5	0	3	4	-1	1.0597	1.0589	-0.0008	0.9916	0.9918	-0.0002
2024-03-15T12:00:09	1	0	6	5	1	1.0521	1.0499	-0.0022	0.9628	0.9627	0.0001
2024-03-15T12:01:08	5	0	4	3	1	1.0361	1.0296	-0.0065	0.997	0.997	0.0000
2024-03-15T12:02:25	1	0	4	4	0	1.0501	1.0501	0.0000	-0.9961	-0.996	-0.0001
2024-03-15T12:02:42	2	0	15	14	1	1.0501	1.0497	-0.0004	0.968	0.968	0.0000
2024-03-15T12:02:52	1	0	795	795	0	1.0768	1.0768	0.0000	-0.9954	-0.9954	0.0000
2024-03-15T12:04:49	3	0	1	1	0	1.0272	1.0272	0.0000	0.9675	0.9676	-0.0001
2024-03-15T12:05:09	1	0	26	26	0	1.0560	1.0560	0.0000	0.9914	0.9914	0.0000
2024-03-15T12:05:28	2	0	26	26	0	1.0551	1.0550	-0.0001	0.9942	0.9942	0.0000
2024-03-15T12:08:20	1	0	6	4	2	1.0544	1.0519	-0.0025	-0.9992	-0.9992	0.0000
2024-03-15T12:11:40	2	0	25	25	0	1.0547	1.0546	-0.0002	0.9999	0.9999	0.0000
2024-03-15T12:15:49	3	0	11	10	1	1.0523	1.0514	-0.0010	-0.9894	-0.9895	0.0001

2024-03-15T12:17:04	1	0	42	43	-1	1.0517	1.0518	0.0001	0.9795	0.9796	-0.0001
2024-03-15T12:17:40	3	0	3	3	0	1.0599	1.0598	-0.0001	0.9994	0.9994	0.0000
2024-03-15T12:23:42	1	0	27	27	0	1.0521	1.0520	-0.0001	-0.9854	-0.9854	0.0000
2024-03-15T12:28:09	1	0	1	0	1	1.0555	null	null	-0.9707	-0.9706	-0.0001
2024-03-15T12:35:11	1	0	9	9	0	1.0552	1.0552	0.0000	0.9931	0.9932	-0.0001
2024-03-15T12:35:33	4	0	2	0	2	1.0512	null	null	0.9807	0.9808	-0.0001
2024-03-15T12:44:11	2	0	3	4	-1	1.0523	1.0505	-0.0017	-0.9972	-0.9971	-0.0001
2024-03-15T12:49:18	1	0	1	1	0	1.0358	1.0358	0.0000	-0.9827	-0.9829	0.0002
2024-03-15T12:55:33	1	0	8	8	0	0.9474	0.9474	0.0000	0.9988	0.9987	0.0001
2024-03-15T12:55:43	1	0	4	5	-1	1.0468	1.0465	-0.0003	0.9893	0.9893	0.0000
2024-03-15T12:57:46	1	0	2	2	0	1.0453	1.0453	0.0000	0.967	0.967	0.0000
2024-03-15T12:57:55	1	0	4	4	0	1.0114	1.0113	-0.0001	0.9552	0.9549	0.0003
2024-03-15T12:59:12	2	0	2	2	0	1.0516	1.0515	-0.0001	-0.9973	-0.9975	0.0002
2024-03-15T13:00:04	2	0	7	7	0	1.0610	1.0608	-0.0002	0.9921	0.9921	0.0000
2024-03-15T13:01:48	2	0	6	5	1	1.0455	1.0447	-0.0007	0.9943	0.9939	0.0004
2024-03-15T13:02:47	2	0	2	3	-1	1.0616	1.0596	-0.0020	0.9983	0.9984	-0.0001
2024-03-15T13:04:11	2	0	8	7	1	1.0548	1.0541	-0.0007	0.9606	0.9604	0.0002
2024-03-15T13:05:35	2	0	1	1	0	1.0439	1.0429	-0.0010	0.9823	0.9822	0.0001
2024-03-15T13:14:24	2	0	3	3	0	1.0287	1.0287	0.0000	0.9924	0.9926	-0.0002
2024-03-15T13:16:13	2	0	2	2	0	1.0175	1.0177	0.0003	0.998	0.998	0.0000
2024-03-15T13:17:42	3	0	5	5	0	1.0410	1.0410	0.0000	0.9753	0.9755	-0.0002
2024-03-15T13:35:37	2	0	1	1	0	1.0394	1.0393	-0.0001	0.9812	0.9839	-0.0027
2024-03-15T13:39:26	1	0	6	6	0	1.0460	1.0460	0.0000	0.9959	0.996	-0.0001
2024-03-15T13:42:04	1	0	68	62	6	1.0555	1.0553	-0.0002	1	1	0.0000
2024-03-15T13:46:15	5	0	3	3	0	1.0333	1.0324	-0.0009	0.9933	0.9932	0.0001
2024-03-15T13:47:08	2	0	1	1	0	1.0580	1.0577	-0.0003	-0.9978	-0.9978	0.0000
2024-03-15T13:47:32	1	0	5	5	0	1.0455	1.0454	-0.0001	-0.9922	-0.9922	0.0000
2024-03-15T13:49:14	1	0	9	8	1	1.0540	1.0532	-0.0008	0.9731	0.973	0.0001
2024-03-15T13:53:48	1	0	44	44	0	1.0517	1.0517	0.0000	-0.9834	-0.9834	0.0000
2024-03-15T13:57:11	1	0	33	32	1	1.0535	1.0532	-0.0003	0.9999	0.9999	0.0000
2024-03-15T13:59:07	1	0	21	21	0	1.0512	1.0511	-0.0001	0.9949	0.9976	-0.0027
2024-03-15T13:59:27	2	0	4	4	0	1.0328	1.0325	-0.0003	0.9926	0.9927	-0.0001
2024-03-15T14:00:08	2	0	3	4	-1	1.0589	1.0581	-0.0008	0.9929	0.993	-0.0001
2024-03-15T14:02:11	2	0	76	75	1	1.0530	1.0530	0.0000	0.9778	0.9778	0.0000
2024-03-15T14:02:45	3	0	14	14	0	1.0347	1.0346	-0.0001	0.9779	0.9777	0.0002
2024-03-15T14:03:09	2	0	32	30	2	1.0512	1.0509	-0.0003	-0.9976	-0.9975	-0.0001
2024-03-15T14:03:22	1	0	796	796	0	1.0771	1.0771	0.0000	-0.9904	-0.9904	0.0000
2024-03-15T14:05:39	2	0	1	1	0	1.0427	1.0424	-0.0003	0.9809	0.981	-0.0001
2024-03-15T14:05:41	2	0	22	22	0	1.0560	1.0556	-0.0004	0.9998	0.9996	0.0002
2024-03-15T14:06:09	8	0	73	40	33	1.0615	1.0553	-0.0062	0.9757	0.9683	0.0074
2024-03-15T14:07:05	3	0	26	26	0	1.0608	1.0604	-0.0004	1	1	0.0000
2024-03-15T14:11:03	1	0	3	3	0	1.0185	1.0184	-0.0002	0.9809	0.9808	0.0001
2024-03-15T14:12:18	1	0	29	28	1	1.0517	1.0514	-0.0003	0.9999	0.9999	0.0000
2024-03-15T14:13:53	1	0	219	217	2	1.0581	1.0581	0.0000	0.993	0.993	0.0000
2024-03-15T14:14:17	2	0	2	3	-1	1.0332	1.0412	0.0080	-0.9986	-0.9985	-0.0001
2024-03-15T14:14:32	2	0	5	6	-1	1.0332	1.0329	-0.0004	0.9927	0.9932	-0.0005
2024-03-15T14:15:09	3	0	6	6	0	1.0592	1.0590	-0.0002	0.9932	0.9932	0.0000
2024-03-15T14:17:10	2	0	1	1	0	1.0568	1.0564	-0.0004	-0.9974	-0.9974	0.0000
2024-03-15T14:17:21	1	0	86	85	1	1.0540	1.0540	0.0000	0.9783	0.9783	0.0000
2024-03-15T14:17:46	2	0	14	15	-1	1.0341	1.0282	-0.0060	0.9762	0.9761	0.0001
2024-03-15T14:17:56	1	0	3	3	0	1.0592	1.0591	-0.0001	0.9992	0.9992	0.0000
2024-03-15T14:18:29	1	0	796	796	0	1.0765	1.0764	0.0000	-0.9919	-0.9919	0.0000
2024-03-15T14:19:25	1	0	58	58	0	1.0535	1.0534	-0.0001	-0.9681	-0.9681	0.0000
2024-03-15T14:19:28	2	0	428	428	0	1.0668	1.0667	-0.0001	0.9912	0.9912	0.0000
2024-03-15T14:19:35	3	0	3	3	0	1.0548	1.0547	-0.0001	0.997	0.997	0.0000
2024-03-15T14:19:35	3	0	10	9	1	1.0488	1.0480	-0.0008	-0.9711	-0.9705	-0.0006
2024-03-15T14:20:40	2	0	1	1	0	1.0452	1.0450	-0.0002	0.9807	0.9808	-0.0001
2024-03-15T14:20:43	2	0	32	28	4	1.0561	1.0560	-0.0002	0.9995	0.9992	0.0003
2024-03-15T14:20:44	5	0	201	196	5	1.0617	1.0615	-0.0002	0.9431	0.9422	0.0009
2024-03-15T14:21:10	8	0	79	48	31	1.0587	1.0564	-0.0024	0.9744	0.9674	0.0070
2024-03-15T14:21:32	7	0	225	220	5	1.0511	1.0507	-0.0004	-0.9956	-0.9957	0.0001
2024-03-15T14:21:39	2	0	2	2	0	1.0664	1.0663	-0.0001	-0.973	-0.9732	0.0002
2024-03-15T14:22:06	2	0	31	28	3	1.0392	1.0384	-0.0008	0.9979	0.9978	0.0001
2024-03-15T14:23:32	1	0	80	80	0	1.1412	1.1405	-0.0007	-0.9911	-0.9928	0.0017
2024-03-15T14:25:40	2	0	8	8	0	1.0478	1.0478	0.0000	-0.9636	-0.9636	0.0000
2024-03-15T14:25:49	1	0	28	27	1	1.0492	1.0488	-0.0004	0.9994	0.9994	0.0000
2024-03-15T14:26:21	3	0	1	1	0	1.0329	1.0328	-0.0001	-0.9863	-0.9862	-0.0001
2024-03-15T14:27:11	2	0	28	27	1	1.0579	1.0579	0.0000	0.9869	0.9869	0.0000
2024-03-15T14:27:25	2	0	30	26	4	1.0544	1.0544	0.0000	-1	0.9999	0.0001
2024-03-15T14:28:58	1	0	232	231	1	1.0587	1.0587	0.0000	0.9937	0.9937	0.0000
2024-03-15T14:28:58	2	0	3	3	0	1.0032	1.0033	0.0000	-0.9509	-0.9504	-0.0005
2024-03-15T14:29:09	1	0	11	11	0	1.0488	1.0488	0.0000	0.9971	0.9971	0.0000
2024-03-15T14:29:38	1	0	4	4	0	1.0329	1.0327	-0.0002	0.9932	0.9933	-0.0001
2024-03-15T14:30:10	2	0	4	4	0	1.0595	1.0592	-0.0002	0.9927	0.9927	0.0000
2024-03-15T14:30:11	1	0	3	3	0	1.0265	1.0264	-0.0001	0.974	0.9739	0.0001
2024-03-15T14:31:22	2	0	177	176	1	1.0589	1.0588	-0.0001	0.9979	0.9978	0.0001
2024-03-15T14:31:39	1	0	1	1	0	1.0183	1.0179	-0.0004	0.9497	0.9491	0.0006
2024-03-15T14:32:19	1	0	1	1	0	1.0558	1.0553	-0.0005	1	1	0.0000
2024-03-15T14:32:30	1	0	100	99	1	1.0541	1.0541	0.0000	0.9772	0.9773	-0.0001
2024-03-15T14:32:47	6	0	16	16	0	1.0351	1.0296	-0.0055	0.9764	0.9759	0.0005
2024-03-15T14:33:11	3	0	31	30	1	1.0509	1.0510	0.0002	-0.9978	-0.9978	0.0000
2024-03-15T14:33:36	1	0	800	800	0	1.0766	1.0766	0.0000	-0.9892	-0.9891	-0.0001
2024-03-15T14:34:17	3	0	11	10	1	1.0517	1.0511	-0.0006	0.9683	0.967	0.0013
2024-03-15T14:34:26	1	0	30	30	0	1.0510	1.0510	0.0000	-0.9713	-0.9713	0.0000
2024-03-15T14:34:36	2	0	5	5	0	1.0547	1.0546	-0.0002	0.9976	0.9976	0.0000

2024-03-15T14:34:42	1	0	19	16	3	1.0485	1.0484	-0.0001	-0.9722	-0.9724	0.0002
2024-03-15T14:34:59	3	0	2	2	0	1.0235	1.0231	-0.0004	0.9651	0.9641	0.0010
2024-03-15T14:35:41	2	0	2	2	0	1.0443	1.0440	-0.0002	0.9811	0.9812	-0.0001
2024-03-15T14:35:45	10	0	183	177	6	1.0601	1.0599	-0.0002	0.9415	0.9405	0.0010
2024-03-15T14:35:45	2	0	25	23	2	1.0562	1.0559	-0.0003	0.9999	0.9998	0.0001
2024-03-15T14:36:07	7	0	23	22	1	1.0521	1.0521	0.0000	-0.9959	-0.996	0.0001
2024-03-15T14:36:15	6	0	103	93	10	0.9264	0.9270	0.0006	0.7554	0.7592	-0.0038
2024-03-15T14:36:44	1	0	2	2	0	1.0662	1.0658	-0.0004	-0.9777	-0.9789	0.0012
2024-03-15T14:36:45	7	0	163	158	5	1.0511	1.0517	0.0007	-0.9964	-0.9966	0.0002
2024-03-15T14:37:07	3	0	29	27	2	1.0492	1.0483	-0.0009	0.9987	0.9986	0.0001
2024-03-15T14:38:33	1	0	79	79	0	1.1263	1.1259	-0.0004	-0.9965	-0.9989	0.0024
2024-03-15T14:38:50	1	0	384	379	5	1.0588	1.0587	-0.0001	0.9679	0.9676	0.0003
2024-03-15T14:40:46	2	0	9	9	0	1.0487	1.0487	0.0000	-0.9602	-0.9602	0.0000
2024-03-15T14:40:50	1	0	25	24	1	1.0531	1.0529	-0.0002	0.9984	0.9984	0.0000
2024-03-15T14:41:09	1	0	3	3	0	1.0221	1.0221	-0.0001	0.98	0.9799	0.0001
2024-03-15T14:41:23	4	0	2	2	0	1.0320	1.0311	-0.0010	-0.988	-0.9873	-0.0007
2024-03-15T14:42:12	1	0	7	7	0	1.0534	1.0534	0.0000	0.983	0.9831	-0.0001
2024-03-15T14:42:35	3	0	37	34	3	1.0533	1.0530	-0.0003	-1	1	0.0000
2024-03-15T14:43:02	1	0	6	6	0	1.0113	1.0113	0.0000	0.9595	0.9595	0.0000
2024-03-15T14:43:43	3	0	13	13	0	1.0361	1.0360	-0.0001	0.9309	0.9303	0.0006
2024-03-15T14:43:59	2	0	4	4	0	1.0080	1.0079	0.0000	-0.942	-0.9416	-0.0004
2024-03-15T14:44:10	1	0	8	8	0	1.0486	1.0486	0.0000	0.9963	0.9963	0.0000
2024-03-15T14:44:19	4	0	3	3	0	1.0462	1.0400	-0.0062	-0.9981	-0.9983	0.0002
2024-03-15T14:44:46	1	0	2	2	0	1.0350	1.0347	-0.0002	0.9929	0.9931	-0.0002
2024-03-15T14:44:48	2	0	49	46	3	1.0505	1.0501	-0.0004	-0.9887	-0.9887	0.0000
2024-03-15T14:45:11	3	0	8	8	0	1.0571	1.0571	0.0000	0.987	0.9869	0.0001
2024-03-15T14:46:19	2	0	1	1	0	1.0590	1.0584	-0.0006	0.982	0.9819	0.0001
2024-03-15T14:46:55	2	0	8	8	0	1.0475	1.0474	-0.0001	0.9956	0.9957	-0.0001
2024-03-15T14:47:36	1	0	4	4	0	1.0493	1.0491	-0.0001	-0.9968	-0.9968	0.0000
2024-03-15T14:48:12	4	0	50	38	12	1.0528	1.0519	-0.0009	-0.9954	-0.9977	0.0023
2024-03-15T14:49:35	1	0	99	99	0	1.0643	1.0643	0.0000	0.9943	0.9943	0.0000
2024-03-15T14:50:00	2	0	1	1	0	1.0297	1.0292	-0.0005	0.9633	0.9626	0.0007
2024-03-15T14:50:46	1	0	207	204	3	1.0611	1.0609	-0.0002	0.9421	0.9417	0.0004
2024-03-15T14:50:53	2	0	20	18	2	1.0539	1.0535	-0.0004	-0.6979	-0.6987	0.0008
2024-03-15T14:51:08	2	0	25	25	0	1.0512	1.0511	0.0000	-0.9983	-0.9983	0.0000
2024-03-15T14:51:16	1	0	40	40	0	0.9384	0.9384	-0.0001	0.7606	0.7598	0.0008
2024-03-15T14:52:08	3	0	29	29	0	1.0436	1.0384	-0.0052	0.998	0.998	0.0000
2024-03-15T14:55:10	2	0	107	105	2	1.0175	1.0175	0.0000	0.9629	0.9628	0.0001
2024-03-15T14:55:24	1	0	4	4	0	1.0368	1.0365	-0.0002	-0.9837	-0.9837	0.0000
2024-03-15T14:55:51	2	0	33	31	2	1.0541	1.0541	-0.0001	0.9989	0.9989	0.0000
2024-03-15T14:59:22	7	0	4	3	1	1.0466	1.0412	-0.0054	-0.9973	-0.9973	0.0000
2024-03-15T14:59:47	1	0	6	6	0	1.0325	1.0323	-0.0002	0.993	0.9932	-0.0002
2024-03-15T15:00:48	1	0	1	0	1	1.0313	null	null	0.9867	0.9865	0.0002
2024-03-15T15:01:55	1	0	4	4	0	1.0287	1.0287	-0.0001	0.9536	0.9533	0.0003
2024-03-15T15:02:13	2	0	1	0	1	1.0552	null	null	0.9985	0.9985	0.0000
2024-03-15T15:02:59	1	0	2	2	0	1.0592	1.0590	-0.0003	0.9993	0.9993	0.0000
2024-03-15T15:03:13	1	0	104	70	34	1.0553	1.0545	-0.0008	-0.9951	-0.9964	0.0013
2024-03-15T15:04:36	1	0	42	42	0	1.0615	1.0613	-0.0002	0.9851	0.985	0.0001
2024-03-15T15:04:44	4	0	7	6	1	1.0509	1.0482	-0.0027	0.9982	0.9981	0.0001
2024-03-15T15:05:01	1	0	2	2	0	1.0261	1.0260	-0.0002	0.9653	0.965	0.0003
2024-03-15T15:05:47	1	0	214	210	4	1.0619	1.0614	-0.0005	0.9462	0.9458	0.0004
2024-03-15T15:07:09	1	0	24	22	2	1.0596	1.0587	-0.0008	0.999	0.9989	0.0001
2024-03-15T15:08:53	2	0	108	106	2	1.0548	1.0548	0.0000	-0.9726	-0.9724	-0.0002
2024-03-15T15:10:24	1	0	107	105	2	1.0195	1.0192	-0.0003	0.9622	0.962	0.0002
2024-03-15T15:10:55	5	0	12	10	2	1.0482	1.0488	0.0005	-0.9606	-0.9609	0.0003
2024-03-15T15:14:59	1	0	92	89	3	1.0523	1.0522	-0.0001	-0.9858	-0.9859	0.0001
2024-03-15T15:15:10	1	0	2	2	0	1.0554	1.0552	-0.0002	0.9866	0.9865	0.0001
2024-03-15T15:17:22	1	0	2	2	0	1.0402	1.0392	-0.0010	-0.9998	-0.9998	0.0000
2024-03-15T15:17:50	1	0	14	15	-1	1.0346	1.0287	-0.0060	0.9773	0.9773	0.0000
2024-03-15T15:19:55	1	0	10	10	0	1.0464	1.0463	-0.0001	-0.9864	-0.9864	0.0000
2024-03-15T15:20:48	2	0	280	274	6	1.0644	1.0639	-0.0006	0.9517	0.9513	0.0004
2024-03-15T15:21:18	1	0	46	46	0	0.9348	0.9350	0.0002	0.7652	0.7658	-0.0006
2024-03-15T15:22:02	2	0	65	65	0	1.0481	1.0481	0.0000	-0.9993	-0.9993	0.0000
2024-03-15T15:22:10	1	0	25	24	1	1.0595	1.0588	-0.0008	1	1	0.0000
2024-03-15T15:26:04	1	0	5	5	0	1.0475	1.0475	0.0000	-0.9894	-0.9892	-0.0002
2024-03-15T15:32:51	1	0	16	17	-1	1.0352	1.0299	-0.0053	0.9786	0.9786	0.0000
2024-03-15T15:35:32	1	0	3	3	0	1.0395	1.0390	-0.0005	0.9842	0.9842	0.0000
2024-03-15T15:35:45	1	0	3	3	0	1.0414	1.0411	-0.0003	0.9814	0.9814	0.0000
2024-03-15T15:35:49	1	0	51	47	4	1.0551	1.0549	-0.0002	0.9055	0.9051	0.0004
2024-03-15T15:37:06	1	0	6	6	0	1.0536	1.0534	-0.0001	-0.9729	-0.9733	0.0004
2024-03-15T15:37:11	3	0	29	28	1	1.0521	1.0551	0.0030	-0.9991	-0.9992	0.0001
2024-03-15T15:38:51	6	0	4	4	0	1.0332	1.0326	-0.0006	0.9997	0.9997	0.0000
2024-03-15T15:50:50	1	0	60	58	2	1.0559	1.0557	-0.0002	0.9101	0.9097	0.0004
2024-03-15T15:52:12	2	0	31	30	1	1.0569	1.0563	-0.0006	-0.9997	-0.9998	0.0001
2024-03-15T15:53:56	6	0	163	161	2	1.0580	1.0579	0.0000	-0.9692	-0.9691	-0.0001
2024-03-15T15:55:17	1	0	26	26	0	1.0486	1.0486	0.0000	0.9784	0.9785	-0.0001
2024-03-15T16:02:53	1	0	13	14	-1	1.0348	1.0284	-0.0064	0.9787	0.9787	0.0000
2024-03-15T16:05:42	1	0	30	30	0	1.0562	1.0566	0.0004	0.9952	0.9952	0.0000
2024-03-15T16:05:51	1	0	52	49	3	1.0566	1.0563	-0.0002	0.9077	0.9074	0.0003
2024-03-15T16:07:13	1	0	13	11	2	1.0538	1.0529	-0.0008	-0.9996	-1	0.0004
2024-03-15T16:10:56	1	0	42	41	1	1.0540	1.0540	0.0000	0.9996	0.9996	0.0000
2024-03-15T16:14:12	1	0	3	3	0	0.9384	0.9385	0.0001	0.9878	0.9879	-0.0001
2024-03-15T16:20:52	1	0	30	30	0	1.0532	1.0530	-0.0001	0.912	0.9118	0.0002
2024-03-15T16:22:14	1	0	29	29	0	1.0612	1.0607	-0.0005	-0.999	-0.999	0.0000
2024-03-15T16:31:35	3	0	18	18	0	1.0492	1.0492	0.0000	-0.9512	-0.9515	0.0003

2024-03-15T16:33:44	1	0	801	801	0	1.0781	1.0781	0.0000	-0.9822	-0.9822	0.0000
2024-03-15T16:36:23	1	0	158	158	0	0.9204	0.9204	0.0000	0.7702	0.7701	0.0001
2024-03-15T16:37:15	1	0	31	31	0	1.0594	1.0591	-0.0003	-0.9983	-0.9984	0.0001
2024-03-15T16:40:58	1	0	39	38	1	1.0544	1.0543	0.0000	0.9998	0.9998	0.0000
2024-03-15T16:56:32	1	0	1	0	1	1.0371	null	null	-0.9716	-0.9689	-0.0027
2024-03-15T17:07:51	2	0	4	4	0	0.9775	0.9773	-0.0001	-0.9933	-0.9934	0.0001
2024-03-15T17:08:43	1	0	1	1	0	1.0308	1.0308	0.0000	-0.9986	-0.9986	0.0000
2024-03-15T17:11:33	1	0	1	1	0	1.0315	1.0312	-0.0003	-0.9604	-0.9692	0.0088
2024-03-15T17:24:39	1	0	2	2	0	1.0327	1.0327	0.0000	0.9683	0.968	0.0003
2024-03-15T17:34:14	1	0	19	18	1	0.9443	0.9447	0.0004	0.9653	0.9654	-0.0001
2024-03-15T18:30:20	1	0	16	16	0	1.0470	1.0470	0.0000	-0.9975	-0.9977	0.0002
2024-03-16T07:48:58	1	0	73	73	0	1.0628	1.0628	0.0000	0.9879	0.9879	0.0000
2024-03-16T07:55:04	1	0	112	112	0	0.9308	0.9309	0.0001	-0.9999	-0.9999	0.0000
2024-03-16T07:55:27	1	0	213	212	1	0.9098	0.9099	0.0001	0.9286	0.9345	-0.0059
2024-03-16T08:10:05	1	0	196	196	0	0.9334	0.9335	0.0000	-0.9991	-0.9991	0.0000
2024-03-16T08:10:28	7	0	650	649	1	0.8586	0.8587	0.0001	0.8328	0.8332	-0.0004
2024-03-16T08:17:20	1	0	792	792	0	1.0678	1.0678	0.0000	-0.9576	-0.9572	-0.0004
2024-03-16T08:18:39	1	0	34	34	0	0.9398	0.9399	0.0001	0.9827	0.9827	0.0000
2024-03-16T08:20:18	1	0	74	73	1	1.0574	1.0574	0.0000	0.9683	0.9683	0.0000
2024-03-16T08:27:57	2	0	175	173	2	1.0579	1.0578	0.0000	-0.9993	-0.9993	0.0000
2024-03-16T08:41:00	1	0	1	1	0	1.0328	1.0324	-0.0004	-0.9595	-0.9592	-0.0003
2024-03-16T08:42:58	1	0	198	198	0	1.0581	1.0581	0.0000	-0.9994	-0.9994	0.0000
2024-03-16T08:55:35	3	0	603	602	1	0.8675	0.8676	0.0000	0.8369	0.8308	0.0061
2024-03-16T09:02:27	1	0	796	796	0	1.0694	1.0694	0.0000	-0.9612	-0.9609	-0.0003
2024-03-16T09:06:50	1	0	7	7	0	1.0533	1.0531	-0.0002	-0.9975	-0.9975	0.0000
2024-03-16T09:13:03	1	0	264	264	0	1.0600	1.0600	0.0000	-0.9993	-0.9993	0.0000
2024-03-16T09:25:06	1	0	63	63	0	0.8972	0.8974	0.0002	-1	1	0.0000
2024-03-16T09:25:44	1	0	545	544	1	0.8669	0.8670	0.0001	0.8481	0.8479	0.0002
2024-03-16T09:26:03	1	0	2	2	0	1.0349	1.0347	-0.0002	-0.9601	-0.9557	-0.0044
2024-03-16T09:32:01	1	0	1	1	0	1.0372	1.0367	-0.0005	-0.9956	-0.9956	0.0000
2024-03-16T09:35:23	3	0	87	86	1	1.0580	1.0577	-0.0003	0.965	0.9646	0.0004
2024-03-16T09:36:52	2	0	8	8	0	1.0403	1.0397	-0.0006	-0.9999	-0.9999	0.0000
2024-03-16T09:40:50	1	0	466	462	4	0.8745	0.8746	0.0001	0.8323	0.8322	0.0001
2024-03-16T09:44:14	1	0	1	1	0	1.0591	1.0588	-0.0003	-0.9866	-0.9865	-0.0001
2024-03-16T09:46:00	2	0	1	1	0	0.9746	0.9753	0.0007	-0.997	-0.9969	-0.0001
2024-03-16T09:46:02	1	0	60	60	0	1.0649	1.0653	0.0005	0.9946	0.9813	0.0133
2024-03-16T09:50:22	1	0	14	12	2	1.0555	1.0553	-0.0002	0.9988	0.9987	0.0001
2024-03-16T09:50:24	2	0	97	94	3	1.0590	1.0594	0.0004	0.9633	0.9629	0.0004
2024-03-16T09:51:53	1	0	9	9	0	1.0556	1.0551	-0.0005	-0.9999	-0.9999	0.0000
2024-03-16T09:52:21	1	0	82	81	1	0.9223	0.9226	0.0003	0.9952	0.9955	-0.0003
2024-03-16T09:55:08	1	0	64	64	0	0.9173	0.9173	0.0000	-1	0.9999	0.0001
2024-03-16T09:55:12	3	0	112	111	1	0.9265	0.9271	0.0007	-0.9991	-0.9991	0.0000
2024-03-16T09:55:53	1	0	404	404	0	0.8871	0.8871	0.0001	0.8328	0.8328	0.0000
2024-03-16T09:56:05	1	0	1	1	0	1.0363	1.0359	-0.0004	-0.9626	-0.9581	-0.0045
2024-03-16T09:56:42	1	0	41	40	1	0.9425	0.9431	0.0006	0.9925	0.9926	-0.0001
2024-03-16T09:58:42	2	0	1	1	0	1.0040	1.0034	-0.0006	-0.9761	-0.976	-0.0001
2024-03-16T10:00:30	3	0	1	0	1	1.0573	null	null	-0.9968	-0.9968	0.0000
2024-03-16T10:04:40	1	0	3	3	0	1.0045	1.0044	-0.0001	0.9938	0.9938	0.0000
2024-03-16T10:05:23	1	0	11	11	0	1.0548	1.0546	-0.0002	0.9987	0.9986	0.0001
2024-03-16T10:05:25	5	0	39	38	1	1.0381	1.0316	-0.0066	0.9404	0.9394	0.0010
2024-03-16T10:05:32	2	0	4	4	0	1.0509	1.0504	-0.0005	-0.7729	-0.7736	0.0007
2024-03-16T10:05:40	1	0	33	32	1	1.0527	1.0526	-0.0002	0.9996	0.9995	0.0001
2024-03-16T10:06:54	2	0	10	10	0	1.0520	1.0511	-0.0009	-0.9999	-0.9999	0.0000
2024-03-16T10:07:22	1	0	72	72	0	0.9236	0.9239	0.0003	0.9954	0.9957	-0.0003
2024-03-16T10:09:42	3	0	2	2	0	0.9870	0.9868	-0.0002	0.9936	0.9933	0.0003
2024-03-16T10:10:13	3	0	112	111	1	0.9227	0.9251	0.0023	-0.9998	-0.9998	0.0000
2024-03-16T10:10:57	8	0	542	515	27	0.8644	0.8654	0.0010	0.8205	0.822	-0.0015
2024-03-16T10:11:42	1	0	26	25	1	1.0534	1.0534	-0.0001	0.9791	0.9792	-0.0001
2024-03-16T10:13:17	4	0	450	445	5	1.0608	1.0609	0.0001	-0.9989	-0.999	0.0001
2024-03-16T10:13:22	1	0	18	18	0	1.0363	1.0362	-0.0001	0.9692	0.969	0.0002
2024-03-16T10:14:02	1	0	2	2	0	1.0466	1.0464	-0.0003	-0.9993	-0.9993	0.0000
2024-03-16T10:14:16	1	0	1	1	0	1.0690	1.0686	-0.0004	-0.9853	-0.9852	-0.0001
2024-03-16T10:14:32	2	0	4	4	0	1.0453	1.0452	-0.0001	-0.9916	-0.9916	0.0000
2024-03-16T10:15:29	3	0	12	11	1	1.0309	1.0327	0.0018	0.9816	0.9812	0.0004
2024-03-16T10:15:52	1	0	3	3	0	1.0422	1.0421	-0.0001	-0.9981	-0.9981	0.0000
2024-03-16T10:17:39	2	0	784	784	0	1.0696	1.0696	0.0000	-0.9666	-0.9667	0.0001
2024-03-16T10:18:02	1	0	9	9	0	1.0307	1.0306	-0.0001	0.956	0.9557	0.0003
2024-03-16T10:18:49	1	0	6	3	3	1.0456	1.0454	-0.0002	-0.9891	-0.9896	0.0005
2024-03-16T10:19:09	2	0	86	85	1	1.0601	1.0595	-0.0006	0.9857	0.9854	0.0003
2024-03-16T10:19:17	3	0	1	1	0	1.0482	1.0476	-0.0006	-0.9987	-0.9987	0.0000
2024-03-16T10:20:23	2	0	7	7	0	0.9437	0.9443	0.0006	0.9729	0.9734	-0.0005
2024-03-16T10:20:26	1	0	124	122	2	1.0600	1.0598	-0.0002	0.9664	0.966	0.0004
2024-03-16T10:20:33	2	0	7	7	0	1.0498	1.0497	-0.0002	-0.7788	-0.7796	0.0008
2024-03-16T10:21:02	3	0	18	11	7	1.0550	1.0540	-0.0010	-0.9721	-0.9732	0.0011
2024-03-16T10:21:55	2	0	13	10	3	1.0542	1.0532	-0.0009	-0.9993	-0.9994	0.0001
2024-03-16T10:22:24	2	0	99	98	1	0.9198	0.9198	0.0000	0.9956	0.9961	-0.0005
2024-03-16T10:26:14	1	0	1	1	0	0.9437	0.9440	0.0003	0.9969	0.9971	-0.0002
2024-03-16T10:28:25	1	0	20	20	0	1.0347	1.0346	0.0000	0.9673	0.9671	0.0002
2024-03-16T10:29:39	3	0	1	0	1	1.0554	null	null	0.9991	0.9984	0.0007
2024-03-16T10:31:09	1	0	59	56	3	1.0578	1.0570	-0.0007	0.9999	0.9997	0.0002
2024-03-16T10:32:07	1	0	1	1	0	1.0387	1.0377	-0.0010	-0.9961	-0.9962	0.0001
2024-03-16T10:32:32	1	0	1	1	0	1.0405	1.0403	-0.0002	0.9865	0.9864	0.0001
2024-03-16T10:35:26	1	0	41	40	1	1.0554	1.0554	0.0000	0.9985	0.9985	0.0000
2024-03-16T10:37:16	2	0	23	20	3	1.0581	1.0573	-0.0007	-0.9984	-0.9984	0.0000
2024-03-16T10:39:39	5	0	51	51	0	0.9853	0.9853	-0.0001	0.9633	0.9635	-0.0002

2024-03-16T10:40:01	2	0	1	0	1	1.0557	null	null	-0.9985	-0.9986	0.0001
2024-03-16T10:41:01	1	0	17	16	1	1.0537	1.0533	-0.0004	1	1	0.0000
2024-03-16T10:41:03	1	0	400	400	0	0.8861	0.8862	0.0001	0.83	0.83	0.0000
2024-03-16T10:42:12	1	0	1	1	0	1.0575	1.0567	-0.0008	-0.9548	-0.9549	0.0001
2024-03-16T10:43:20	1	0	17	16	1	1.0515	1.0512	-0.0003	0.9824	0.9825	-0.0001
2024-03-16T10:43:26	2	0	17	17	0	1.0459	1.0458	-0.0001	0.9847	0.9845	0.0002
2024-03-16T10:46:08	1	0	25	25	0	1.0518	1.0517	0.0000	0.9995	0.9995	0.0000
2024-03-16T10:48:49	2	0	42	35	7	0.9381	0.9390	0.0009	0.9805	0.9803	0.0002
2024-03-16T10:49:01	2	0	14	11	3	1.0531	1.0512	-0.0019	0.9957	0.9955	0.0002
2024-03-16T10:50:27	2	0	2	2	0	0.9897	0.9892	-0.0005	0.9747	0.9748	-0.0001
2024-03-16T10:50:28	1	0	79	77	2	1.0576	1.0574	-0.0002	0.9619	0.9616	0.0003
2024-03-16T10:50:43	3	0	37	36	1	1.0547	1.0547	0.0000	-0.9999	-0.9999	0.0000
2024-03-16T10:51:16	1	0	7	7	0	1.0515	1.0513	-0.0002	0.9878	0.9928	-0.0050
2024-03-16T10:55:06	1	0	3	3	0	1.0309	1.0308	-0.0001	0.9733	0.9732	0.0001
2024-03-16T10:55:12	7	0	67	67	0	0.9505	0.9497	-0.0008	-0.9998	-0.9999	0.0001
2024-03-16T10:55:59	1	0	1	0	1	1.0096	null	null	-0.9577	-0.9577	0.0000
2024-03-16T10:57:13	1	0	16	16	0	0.9130	0.9133	0.0003	0.9919	0.9921	-0.0002
2024-03-16T11:05:28	2	0	3	3	0	1.0341	1.0339	-0.0003	0.975	0.975	0.0000
2024-03-16T11:05:29	1	0	75	73	2	1.0571	1.0575	0.0003	0.9617	0.9614	0.0003
2024-03-16T11:06:58	1	0	9	9	0	1.0578	1.0570	-0.0008	-0.9989	-0.999	0.0001
2024-03-16T11:07:09	2	0	16	16	0	0.9188	0.9198	0.0011	0.9879	0.989	-0.0011
2024-03-16T11:08:31	1	0	1	1	0	1.0439	1.0436	-0.0003	-0.9475	-0.9475	0.0000
2024-03-16T11:11:00	1	0	1	1	0	1.0130	1.0124	-0.0006	-0.9555	-0.9586	0.0031
2024-03-16T11:13:28	1	0	19	19	0	1.0487	1.0487	0.0000	0.9845	0.9844	0.0001
2024-03-16T11:14:06	1	0	2	2	0	1.0308	1.0300	-0.0008	-0.9995	-0.9996	0.0001
2024-03-16T11:15:56	1	0	5	5	0	1.0474	1.0473	-0.0001	-0.9987	-0.9987	0.0000
2024-03-16T11:20:28	3	0	80	77	3	1.0568	1.0568	0.0001	0.9993	0.9993	0.0000
2024-03-16T11:20:30	1	0	62	57	5	1.0562	1.0560	-0.0003	0.9455	0.9451	0.0004
2024-03-16T11:21:41	1	0	1	1	0	1.0453	1.0453	0.0000	1	1	0.0000
2024-03-16T11:21:59	1	0	9	9	0	1.0569	1.0561	-0.0008	-0.9994	-0.9995	0.0001
2024-03-16T11:28:06	1	0	1	0	1	1.0550	null	null	-0.988	-0.9879	-0.0001
2024-03-16T11:28:22	7	0	402	399	3	1.0612	1.0610	-0.0002	-0.9988	-0.9989	0.0001
2024-03-16T11:30:57	2	0	3	3	0	1.0459	1.0459	0.0000	0.9973	0.9973	0.0000
2024-03-16T11:32:00	2	0	1	0	1	1.0554	null	null	1	1	0.0000
2024-03-16T11:32:15	1	0	1	1	0	1.0376	1.0374	-0.0002	-0.9974	-0.9974	0.0000
2024-03-16T11:32:48	1	0	791	790	1	1.0703	1.0703	0.0000	-0.9658	-0.9658	0.0000
2024-03-16T11:34:20	2	0	13	11	2	1.0501	1.0483	-0.0018	0.9947	0.9946	0.0001
2024-03-16T11:35:16	2	0	2	2	0	1.0572	1.0567	-0.0005	-0.9995	-0.9998	0.0003
2024-03-16T11:35:31	6	0	90	90	0	1.0585	1.0584	-0.0001	0.9581	0.958	0.0001
2024-03-16T11:36:12	1	0	339	334	5	0.9288	0.9288	0.0000	-0.9985	-0.9982	-0.0003
2024-03-16T11:36:22	2	0	10	9	1	1.0543	1.0537	-0.0006	-0.9577	-0.9553	-0.0024
2024-03-16T11:39:48	3	0	1	1	0	0.9435	0.9438	0.0003	0.9532	0.9551	-0.0019
2024-03-16T11:41:12	3	0	3	3	0	1.0292	1.0284	-0.0008	-0.9695	-0.9704	0.0009
2024-03-16T11:41:33	1	0	25	22	3	1.0546	1.0543	-0.0003	1	1	0.0000
2024-03-16T11:42:19	1	0	4	4	0	0.9961	0.9961	-0.0001	0.9898	0.9897	0.0001
2024-03-16T11:43:35	2	0	1	0	1	1.0555	null	null	-0.9941	-0.9942	0.0001
2024-03-16T11:45:43	1	0	5	5	0	1.0318	1.0316	-0.0002	0.9705	0.9745	-0.0040
2024-03-16T11:45:58	2	0	6	6	0	1.0458	1.0458	0.0000	0.9967	0.9968	-0.0001
2024-03-16T11:46:08	2	0	2	2	0	1.0200	1.0204	0.0004	-0.9965	-0.9965	0.0000
2024-03-16T11:46:12	1	0	25	25	0	0.9976	0.9976	0.0000	0.9977	0.9978	-0.0001
2024-03-16T11:49:27	2	0	19	18	1	1.0533	1.0526	-0.0007	0.9951	0.995	0.0001
2024-03-16T11:50:47	1	0	32	32	0	1.0528	1.0528	0.0000	0.9911	0.9911	0.0000
2024-03-16T11:52:01	4	0	10	10	0	1.0541	1.0539	-0.0002	-0.9998	-0.9998	0.0000
2024-03-16T11:54:44	3	0	94	93	1	0.9798	0.9798	0.0000	0.9625	0.9627	-0.0002
2024-03-16T11:54:52	3	0	1	1	0	0.9428	0.9430	0.0002	0.9587	0.9603	-0.0016
2024-03-16T11:55:38	1	0	66	65	1	0.9465	0.9325	-0.0140	-0.9996	0.9986	0.0018
2024-03-16T12:00:59	2	0	9	9	0	1.0459	1.0459	0.0000	0.9974	0.9975	-0.0001
2024-03-16T12:02:26	1	0	4	4	0	1.0438	1.0436	-0.0002	-0.9895	-0.9895	0.0000
2024-03-16T12:02:38	1	0	2	1	1	0.9990	1.0567	0.0577	0.9866	0.9866	0.0000
2024-03-16T12:03:24	1	0	1	0	1	1.0551	null	null	0.9754	0.9753	0.0001
2024-03-16T12:04:12	2	0	1	0	1	1.0550	null	null	0.9481	0.9481	0.0000
2024-03-16T12:04:34	1	0	16	15	1	1.0514	1.0510	-0.0005	0.9948	0.9947	0.0001
2024-03-16T12:05:57	7	0	2	2	0	1.0570	1.0560	-0.0010	-0.9916	-0.9918	0.0002
2024-03-16T12:06:00	1	0	23	22	1	1.0478	1.0472	-0.0006	-0.9855	-0.9855	0.0000
2024-03-16T12:07:02	4	0	12	12	0	1.0355	1.0353	-0.0002	-0.999	-0.9991	0.0001
2024-03-16T12:09:45	3	0	73	73	0	0.9855	0.9855	0.0000	0.9618	0.9619	-0.0001
2024-03-16T12:16:10	5	0	2	2	0	1.0596	1.0592	-0.0005	-0.996	-0.9959	-0.0001
2024-03-16T12:21:06	2	0	4	4	0	1.0481	1.0479	-0.0002	-0.9882	-0.9883	0.0001
2024-03-16T12:21:45	1	0	1	1	0	1.0457	1.0457	0.0000	1	1	0.0000
2024-03-16T12:22:03	1	0	11	11	0	1.0515	1.0512	-0.0002	-0.999	-0.9991	0.0001
2024-03-16T12:24:03	1	0	7	8	-1	0.9688	0.9657	-0.0031	-0.9957	-0.9953	-0.0004
2024-03-16T12:30:46	1	0	1	1	0	1.0338	1.0338	0.0000	0.9713	0.9714	-0.0001
2024-03-16T12:30:53	3	0	7	7	0	1.0539	1.0533	-0.0006	-0.9768	-0.9769	0.0001
2024-03-16T12:31:15	1	0	69	67	2	1.0042	1.0043	0.0001	0.9954	0.9954	0.0000
2024-03-16T12:34:12	3	0	9	7	2	1.0518	1.0496	-0.0022	-0.9907	-0.9908	0.0001
2024-03-16T12:34:35	1	0	34	32	2	1.0582	1.0580	-0.0003	0.9968	0.9968	0.0000
2024-03-16T12:35:20	2	0	1	1	0	1.0076	1.0075	-0.0001	0.9251	0.9263	-0.0012
2024-03-16T12:35:50	3	0	64	64	0	1.0562	1.0563	0.0001	0.9902	0.9901	0.0001
2024-03-16T12:36:10	1	0	25	26	-1	1.0467	1.0474	0.0007	-0.9872	-0.9871	-0.0001
2024-03-16T12:37:13	7	0	3	4	-1	1.0518	1.0503	-0.0015	-0.9844	-0.9866	0.0022
2024-03-16T12:38:53	2	0	16	15	1	1.0500	1.0495	-0.0005	0.9892	0.9891	0.0001
2024-03-16T12:55:56	1	0	56	55	1	1.0535	1.0534	0.0000	0.9939	0.9939	0.0000
2024-03-16T12:57:26	1	0	1	1	0	1.0261	1.0261	0.0000	0.9908	0.9909	-0.0001
2024-03-16T12:58:12	1	0	79	3	76	1.0866	1.0655	-0.0211	-0.9862	-0.9956	0.0094
2024-03-16T12:58:28	1	0	476	482	-6	1.0612	1.0611	-0.0001	-0.9969	-0.9969	0.0000

2024-03-16T12:59:43	1	0	12	12	0	1.0476	1.0476	0.0000	-0.9906	-0.9906	0.0000
2024-03-16T13:00:48	1	0	1	1	0	1.0555	1.0553	-0.0002	0.9745	0.9743	0.0002
2024-03-16T13:05:37	5	0	3	5	-2	0.9568	0.9889	0.0322	0.8897	0.8908	-0.0011
2024-03-16T13:14:09	2	0	6	6	0	1.0638	1.0631	-0.0007	-0.976	-0.9761	0.0001
2024-03-16T13:15:49	1	0	3	2	1	1.0382	1.0283	-0.0099	0.9739	0.9692	0.0047
2024-03-16T13:17:06	1	0	60	59	1	1.0538	1.0537	0.0000	0.9801	0.9801	0.0000
2024-03-16T13:22:07	1	0	13	13	0	1.0565	1.0562	-0.0003	-0.9981	-0.9982	0.0001
2024-03-16T13:26:05	1	0	133	133	0	1.0558	1.0555	-0.0003	0.9942	0.9942	0.0000
2024-03-16T13:31:15	3	0	3	3	0	1.0317	1.0308	-0.0009	0.9988	0.9988	0.0000
2024-03-16T13:33:30	1	0	1	0	1	1.0553	null	null	0.9756	0.9756	0.0000
2024-03-16T13:34:37	3	0	9	6	3	1.0524	1.0492	-0.0032	-0.9921	-0.9921	0.0000
2024-03-16T13:35:39	2	0	79	73	6	1.0567	1.0563	-0.0003	0.9399	0.9395	0.0004
2024-03-16T13:37:08	1	0	10	10	0	1.0550	1.0546	-0.0004	-0.9987	-0.9987	0.0000
2024-03-16T13:37:17	9	0	10	9	1	1.0507	1.0497	-0.0009	-0.9825	-0.9827	0.0002
2024-03-16T13:40:21	2	0	16	15	1	1.0501	1.0497	-0.0003	-0.9716	-0.9715	-0.0001
2024-03-16T13:42:38	1	0	12	11	1	1.0545	1.0544	-0.0001	0.9943	0.9944	-0.0001
2024-03-16T13:50:40	1	0	78	73	5	1.0569	1.0566	-0.0003	0.9386	0.9382	0.0004
2024-03-16T13:51:27	1	0	27	26	1	1.0493	1.0493	0.0000	-0.9828	-0.9828	0.0000
2024-03-16T13:52:09	1	0	10	10	0	1.0550	1.0546	-0.0004	-0.9988	-0.9989	0.0001
2024-03-16T14:02:31	1	0	137	137	0	1.0554	1.0554	0.0000	0.9809	0.9809	0.0000
2024-03-16T14:02:35	1	0	3	3	0	1.0531	1.0530	-0.0002	-0.9886	-0.9881	-0.0005
2024-03-16T14:04:32	6	0	3	3	0	1.0527	1.0525	-0.0002	-0.9966	-0.9966	0.0000
2024-03-16T14:04:53	3	0	8	6	2	1.0527	1.0504	-0.0023	-0.9874	-0.9875	0.0001
2024-03-16T14:05:28	1	0	2	2	0	1.0604	1.0603	-0.0001	-0.9898	-0.9902	0.0004
2024-03-16T14:05:40	6	0	3	4	-1	1.0488	1.0484	-0.0004	0.9816	0.9819	-0.0003
2024-03-16T14:05:41	6	0	118	112	6	1.0592	1.0588	-0.0004	0.9446	0.944	0.0006
2024-03-16T14:06:00	6	0	74	72	2	1.0574	1.0573	-0.0001	0.9956	0.9955	0.0001
2024-03-16T14:07:10	2	0	12	12	0	1.0594	1.0587	-0.0007	-0.9965	-0.9966	0.0001
2024-03-16T14:07:19	9	0	2	2	0	1.0506	1.0498	-0.0008	-0.979	-0.9793	0.0003
2024-03-16T14:08:22	1	0	8	8	0	1.0474	1.0473	-0.0002	0.9741	0.9737	0.0004
2024-03-16T14:11:12	2	0	2	2	0	1.0200	1.0199	-0.0001	-0.9976	-0.9977	0.0001
2024-03-16T14:14:18	5	0	5	2	3	1.0445	1.0359	-0.0086	1	1	0.0000
2024-03-16T14:14:54	3	0	4	5	-1	1.0549	1.0552	0.0003	0.9987	0.9988	-0.0001
2024-03-16T14:16:22	1	0	22	22	0	1.0508	1.0508	0.0000	0.9975	0.9975	0.0000
2024-03-16T14:17:41	1	0	82	81	1	1.0540	1.0540	0.0000	0.9785	0.9785	0.0000
2024-03-16T14:18:08	1	0	791	791	0	1.0721	1.0721	0.0000	-0.9621	-0.9621	0.0000
2024-03-16T14:19:03	3	0	2	2	0	1.0357	1.0356	-0.0001	0.9679	0.9679	0.0000
2024-03-16T14:19:26	2	0	530	530	0	1.0719	1.0719	-0.0001	0.9966	0.9966	0.0000
2024-03-16T14:19:33	6	0	7	7	0	1.0554	1.0552	-0.0002	-0.9959	-0.9959	0.0000
2024-03-16T14:20:25	4	0	1	0	1	1.0453	null	null	0.9894	0.9889	0.0005
2024-03-16T14:20:40	3	0	130	128	2	1.0598	1.0597	-0.0001	0.9995	0.9995	0.0000
2024-03-16T14:20:42	6	0	80	76	4	1.0571	1.0566	-0.0005	0.9377	0.9369	0.0008
2024-03-16T14:21:00	3	0	89	88	1	1.0570	1.0570	0.0000	0.9961	0.9961	0.0000
2024-03-16T14:21:26	2	0	1	1	0	1.0579	1.0573	-0.0006	0.9898	0.989	0.0008
2024-03-16T14:21:35	1	0	34	33	1	1.0495	1.0494	-0.0001	-0.9806	-0.9806	0.0000
2024-03-16T14:22:11	2	0	16	12	4	1.0590	1.0593	0.0003	-0.9949	-0.9952	0.0003
2024-03-16T14:22:20	12	0	2	2	0	1.0495	1.0485	-0.0010	-0.9831	-0.9835	0.0004
2024-03-16T14:23:23	1	0	11	11	0	1.0470	1.0469	0.0000	0.9703	0.9702	0.0001
2024-03-16T14:24:00	2	0	19	19	0	1.0497	1.0496	-0.0001	0.9884	0.9881	0.0003
2024-03-16T14:26:23	3	0	1	1	0	1.0333	1.0325	-0.0008	-0.9657	-0.966	0.0003
2024-03-16T14:26:24	4	0	234	232	2	1.0575	1.0574	-0.0001	0.9948	0.9946	0.0002
2024-03-16T14:26:56	2	0	140	132	8	1.0579	1.0577	-0.0002	-0.9999	-0.9999	0.0000
2024-03-16T14:26:56	1	0	1	0	1	1.0344	null	null	0.9995	0.9995	0.0000
2024-03-16T14:27:38	1	0	72	69	3	0.9397	0.9434	0.0037	0.9867	0.9868	-0.0001
2024-03-16T14:28:03	1	0	6	6	0	1.0205	1.0204	-0.0001	0.9664	0.9662	0.0002
2024-03-16T14:29:02	3	0	28	27	1	1.0504	1.0503	0.0000	-0.9802	-0.9802	0.0000
2024-03-16T14:29:19	2	0	3	3	0	1.0521	1.0509	-0.0012	-1	-1	0.0000
2024-03-16T14:30:46	4	0	14	14	0	1.0397	1.0397	-0.0001	0.9727	0.9724	0.0003
2024-03-16T14:31:01	7	0	16	14	2	1.0509	1.0512	0.0002	-0.9661	-0.9666	0.0005
2024-03-16T14:31:19	2	0	1	1	0	1.0590	1.0578	-0.0012	0.9995	0.9994	0.0001
2024-03-16T14:31:57	2	0	1	0	1	1.0426	null	null	0.9986	0.9986	0.0000
2024-03-16T14:32:30	1	0	1	1	0	1.0390	1.0386	-0.0004	-0.9963	-0.9964	0.0001
2024-03-16T14:32:37	1	0	7	7	0	1.0346	1.0345	-0.0001	-0.9887	-0.9882	-0.0005
2024-03-16T14:32:52	1	0	142	141	1	1.0555	1.0555	0.0000	0.9785	0.9784	0.0001
2024-03-16T14:33:15	1	0	795	795	0	1.0721	1.0720	0.0000	-0.9602	-0.9602	0.0000
2024-03-16T14:34:04	3	0	7	7	0	0.9597	0.9598	0.0002	0.9602	0.9601	0.0001
2024-03-16T14:34:32	2	0	479	479	0	1.0730	1.0730	0.0000	0.9966	0.9966	0.0000
2024-03-16T14:34:34	6	0	6	6	0	1.0546	1.0545	-0.0001	-0.9961	-0.9962	0.0001
2024-03-16T14:35:02	3	0	14	11	3	1.0513	1.0499	-0.0014	-0.9892	-0.9894	0.0002
2024-03-16T14:35:16	2	0	15	15	0	1.0475	1.0472	-0.0003	-0.9854	-0.9859	0.0005
2024-03-16T14:35:41	3	0	145	140	5	1.0600	1.0599	-0.0001	0.9986	0.9986	0.0000
2024-03-16T14:35:43	7	0	131	124	7	1.0602	1.0597	-0.0005	0.9436	0.9427	0.0009
2024-03-16T14:36:01	6	0	118	116	2	1.0581	1.0580	-0.0001	0.996	0.9957	0.0003
2024-03-16T14:36:27	2	0	1	1	0	1.0582	1.0581	-0.0001	0.9885	0.9883	0.0002
2024-03-16T14:36:39	2	0	12	11	1	1.0535	1.0541	0.0006	-0.958	-0.9564	-0.0016
2024-03-16T14:36:43	2	0	43	41	2	1.0498	1.0497	-0.0001	-0.983	-0.9833	0.0003
2024-03-16T14:37:12	4	0	16	13	3	1.0563	1.0556	-0.0007	-0.9982	-0.9984	0.0002
2024-03-16T14:37:21	12	0	3	3	0	1.0540	1.0537	-0.0003	-0.9845	-0.9847	0.0002
2024-03-16T14:38:25	2	0	16	14	2	1.0485	1.0481	-0.0004	0.9727	0.9725	0.0002
2024-03-16T14:38:25	2	0	4	4	0	1.0561	1.0558	-0.0003	0.9995	0.9994	0.0001
2024-03-16T14:39:01	9	0	41	40	1	1.0516	1.0513	-0.0003	0.9894	0.9887	0.0007
2024-03-16T14:39:55	1	0	73	74	-1	1.0341	1.0341	0.0000	0.9647	0.9644	0.0003
2024-03-16T14:40:05	1	0	2	2	0	1.0487	1.0483	-0.0004	0.9882	0.9984	-0.0102
2024-03-16T14:40:26	1	0	11	10	1	1.0466	1.0474	0.0009	-0.9718	-0.9718	0.0000
2024-03-16T14:40:49	5	0	68	67	1	0.9547	0.9487	-0.0060	-0.999	-0.9991	0.0001

2024-03-16T14:41:04	1	0	5	5	0	1.0408	1.0408	-0.0001	0.9927	0.9909	0.0018
2024-03-16T14:41:24	3	0	1	1	0	1.0330	1.0326	-0.0004	-0.9574	-0.9574	0.0000
2024-03-16T14:41:25	3	0	11	11	0	0.9573	0.9573	0.0000	0.8479	0.8456	0.0023
2024-03-16T14:42:04	1	0	111	108	3	1.0569	1.0568	-0.0001	-0.9998	-0.9998	0.0000
2024-03-16T14:42:39	1	0	12	11	1	0.9665	0.9685	0.0020	0.9875	0.9873	0.0002
2024-03-16T14:43:04	1	0	5	5	0	1.0226	1.0226	0.0000	0.9668	0.9668	0.0000
2024-03-16T14:43:42	1	0	84	84	0	1.0595	1.0594	-0.0001	0.9875	0.9873	0.0002
2024-03-16T14:44:10	3	0	23	23	0	1.0503	1.0501	-0.0002	-0.9798	-0.9803	0.0005
2024-03-16T14:44:56	3	0	5	5	0	1.0541	1.0538	-0.0003	0.9982	0.9982	0.0000
2024-03-16T14:45:47	4	0	16	16	0	1.0392	1.0392	0.0000	0.9598	0.9597	0.0001
2024-03-16T14:46:58	2	0	2	2	0	1.0429	1.0424	-0.0005	0.9985	0.9985	0.0000
2024-03-16T14:47:36	1	0	4	4	0	1.0279	1.0275	-0.0004	0.9979	0.9978	0.0001
2024-03-16T14:47:51	1	0	1	0	1	1.0389	null	null	-0.9924	-0.9925	0.0001
2024-03-16T14:47:51	2	0	1	1	0	1.0575	1.0560	-0.0015	0.9863	0.986	0.0003
2024-03-16T14:50:27	4	0	1	0	1	1.0451	null	null	0.9872	0.987	0.0002
2024-03-16T14:50:44	1	0	117	112	5	1.0593	1.0590	-0.0003	0.9405	0.94	0.0005
2024-03-16T14:52:11	1	0	50	49	1	1.0613	1.0604	-0.0008	0.9974	0.9973	0.0001
2024-03-16T14:52:13	1	0	10	10	0	1.0542	1.0535	-0.0007	-0.998	-0.9981	0.0001
2024-03-16T14:53:43	1	0	16	14	2	1.0520	1.0515	-0.0005	-0.9818	-0.9812	-0.0006
2024-03-16T14:55:06	2	0	1	1	0	1.0417	1.0412	-0.0005	0.995	0.9947	0.0003
2024-03-16T14:55:27	1	0	17	17	0	1.0487	1.0487	0.0000	-0.9698	-0.9697	-0.0001
2024-03-16T14:57:11	1	0	107	106	1	1.0570	1.0569	-0.0001	-0.9998	-0.9998	0.0000
2024-03-16T14:59:21	3	0	4	4	0	1.0461	1.0459	-0.0002	1	1	0.0000
2024-03-16T14:59:51	1	0	11	11	0	1.0506	1.0506	0.0000	-0.9808	-0.9808	0.0000
2024-03-16T15:01:03	2	0	3	3	0	1.0382	1.0366	-0.0016	-0.9949	-0.9951	0.0002
2024-03-16T15:05:45	1	0	128	124	4	1.0605	1.0604	-0.0001	0.9479	0.9475	0.0004
2024-03-16T15:07:14	1	0	12	9	3	1.0576	1.0577	0.0000	-0.9919	-0.9922	0.0003
2024-03-16T15:17:58	1	0	1	1	0	1.0430	1.0423	-0.0007	-0.9913	-0.9914	0.0001
2024-03-16T15:20:46	1	0	105	104	1	1.0584	1.0582	-0.0002	0.9467	0.9463	0.0004
2024-03-16T15:22:15	1	0	9	9	0	1.0575	1.0567	-0.0007	-0.9944	-0.9946	0.0002
2024-03-16T15:23:04	1	0	48	39	9	1.0615	1.0595	-0.0020	0.9975	0.9974	0.0001
2024-03-16T15:25:08	3	0	34	34	0	1.0183	1.0189	0.0006	0.9658	0.9662	-0.0004
2024-03-16T15:29:16	1	0	5	4	1	1.0467	1.0470	0.0002	0.9982	0.9982	0.0000
2024-03-16T15:30:00	1	0	9	9	0	1.0474	1.0474	0.0000	-0.9842	-0.9841	-0.0001
2024-03-16T15:30:12	1	0	2	2	0	1.0542	1.0540	-0.0003	-0.9993	-0.9993	0.0000
2024-03-16T15:31:27	1	0	14	14	0	1.0499	1.0499	0.0000	0.9973	0.9974	-0.0001
2024-03-16T15:32:41	1	0	4	4	0	1.0349	1.0349	0.0000	-0.9885	-0.9879	-0.0006
2024-03-16T15:32:54	2	0	1	1	0	1.0427	1.0423	-0.0004	0.9843	0.9845	-0.0002
2024-03-16T15:35:47	1	0	108	106	2	1.0596	1.0594	-0.0002	0.9481	0.9477	0.0004
2024-03-16T15:37:16	1	0	9	9	0	1.0582	1.0576	-0.0006	-0.995	-0.9952	0.0002
2024-03-16T15:38:21	1	0	19	19	0	1.0470	1.0470	-0.0001	-0.9984	-0.9984	0.0000
2024-03-16T15:40:20	3	0	82	82	0	1.0231	1.0231	0.0000	0.967	0.9671	-0.0001
2024-03-16T15:41:29	1	0	15	15	0	0.9462	0.9461	-0.0001	0.854	0.8533	0.0007
2024-03-16T15:42:03	1	0	5	5	0	1.0481	1.0478	-0.0003	-0.9961	-0.9963	0.0002
2024-03-16T15:45:01	1	0	10	10	0	1.0476	1.0475	-0.0001	-0.9833	-0.9834	0.0001
2024-03-16T15:46:08	1	0	2	2	0	1.0245	1.0244	-0.0001	0.9682	0.9776	-0.0094
2024-03-16T15:52:17	1	0	9	9	0	1.0563	1.0557	-0.0006	-0.9956	-0.9957	0.0001
2024-03-16T15:58:40	7	0	504	502	2	1.0613	1.0613	0.0000	-0.9963	-0.9964	0.0001
2024-03-16T16:03:18	1	0	3	3	0	1.0326	1.0326	0.0000	0.9833	0.9832	0.0001
2024-03-16T16:05:49	1	0	70	65	5	1.0561	1.0559	-0.0002	0.9361	0.9359	0.0002
2024-03-16T16:07:18	1	0	10	10	0	1.0530	1.0525	-0.0005	-0.9982	-0.9983	0.0001
2024-03-16T16:12:49	4	0	159	159	0	0.8867	0.8871	0.0004	-0.9992	-0.999	-0.0002
2024-03-16T16:14:41	3	0	3	3	0	1.0489	1.0485	-0.0004	-0.9641	-0.965	0.0009
2024-03-16T16:16:30	1	0	71	70	1	1.0550	1.0549	0.0000	0.9995	0.9995	0.0000
2024-03-16T16:18:19	1	0	4	5	-1	1.0378	1.0192	-0.0186	0.9891	0.9891	0.0000
2024-03-16T16:20:50	1	0	79	78	1	1.0576	1.0572	-0.0005	0.9346	0.9344	0.0002
2024-03-16T16:22:19	1	0	14	13	1	1.0543	1.0537	-0.0005	-0.9977	-0.9978	0.0001
2024-03-16T16:33:20	1	0	5	5	0	1.0385	1.0382	-0.0003	0.9863	0.9863	0.0000
2024-03-16T17:10:15	1	0	75	73	2	0.9335	0.9344	0.0009	0.9925	0.993	-0.0005
2024-03-17T07:49:02	1	0	132	132	0	1.0585	1.0585	0.0000	0.9844	0.985	-0.0006
2024-03-17T07:57:59	1	0	306	306	0	1.0593	1.0593	0.0000	-0.9986	-0.9986	0.0000
2024-03-17T08:05:21	1	0	68	67	1	1.0566	1.0565	0.0000	0.9521	0.952	0.0001
2024-03-17T08:05:43	5	0	362	362	0	0.8907	0.8908	0.0001	0.8368	0.8372	-0.0004
2024-03-17T08:10:30	2	0	357	355	2	1.0599	1.0599	0.0000	-1	-1	0.0000
2024-03-17T08:17:24	1	0	796	796	0	1.0688	1.0688	0.0000	-0.9488	-0.9484	-0.0004
2024-03-17T08:18:43	1	0	25	23	2	0.9412	0.9414	0.0001	0.9791	0.9792	-0.0001
2024-03-17T08:20:44	1	0	438	437	1	0.8549	0.8550	0.0000	0.8858	0.886	-0.0002
2024-03-17T08:35:47	2	0	607	608	-1	0.8611	0.8612	0.0001	0.8318	0.8319	-0.0001
2024-03-17T08:37:07	1	0	3	3	0	1.0202	1.0201	-0.0001	0.9957	0.9957	0.0000
2024-03-17T08:41:01	1	0	1	1	0	1.0362	1.0358	-0.0004	-0.9553	-0.9551	-0.0002
2024-03-17T08:44:00	2	0	3	3	0	1.0468	1.0466	-0.0002	-0.9812	-0.9803	-0.0009
2024-03-17T08:50:51	2	0	641	642	-1	0.8718	0.8718	0.0001	0.83	0.8299	0.0001
2024-03-17T09:02:32	1	0	785	782	3	1.0681	1.0681	0.0000	-0.9616	-0.9612	-0.0004
2024-03-17T09:06:52	1	0	4	4	0	1.0472	1.0470	-0.0003	-0.9973	-0.9974	0.0001
2024-03-17T09:13:07	1	0	126	126	0	1.0560	1.0560	0.0000	-0.9991	-0.9992	0.0001
2024-03-17T09:31:03	2	0	1	1	0	0.9719	0.9724	0.0005	0.9993	0.9994	-0.0001
2024-03-17T09:33:59	1	0	24	22	2	1.0558	1.0553	-0.0005	0.9959	0.9959	0.0000
2024-03-17T09:35:27	5	0	74	70	4	1.0575	1.0571	-0.0004	0.9408	0.9401	0.0007
2024-03-17T09:35:42	1	0	31	30	1	1.0522	1.0519	-0.0003	0.9947	0.9947	0.0000
2024-03-17T09:36:54	2	0	7	7	0	1.0553	1.0546	-0.0007	-0.9973	-0.9975	0.0002
2024-03-17T09:39:42	2	0	1	1	0	1.0343	1.0336	-0.0007	0.9974	0.9973	0.0001
2024-03-17T09:40:05	2	0	63	63	0	0.8953	0.8955	0.0001	-0.9999	1	0.0001
2024-03-17T09:40:55	1	0	290	289	1	1.0583	1.0585	0.0002	-1	-1	0.0000
2024-03-17T09:44:18	1	0	2	2	0	1.0473	1.0472	-0.0002	-0.9826	-0.9825	-0.0001
2024-03-17T09:47:06	2	0	1	0	1	1.0414	null	null	-0.9955	-0.9956	0.0001

2024-03-17T09:49:00	1	0	20	18	2	1.0581	1.0578	-0.0003	0.9963	0.9963	0.0000
2024-03-17T09:49:41	1	0	4	4	0	1.0012	1.0011	-0.0001	0.9782	0.9781	0.0001
2024-03-17T09:50:24	2	0	167	167	0	0.9406	0.9406	0.0000	0.963	0.9626	0.0004
2024-03-17T09:50:28	2	0	39	38	1	1.0526	1.0524	-0.0002	0.9312	0.9309	0.0003
2024-03-17T09:52:17	1	0	11	10	1	1.0535	1.0531	-0.0004	-0.9997	-0.9997	0.0000
2024-03-17T09:55:06	1	0	67	66	1	0.9191	0.9066	-0.0124	0.9999	0.9992	0.0007
2024-03-17T09:56:01	1	0	313	309	4	1.0598	1.0595	-0.0002	-1	-1	0.0000
2024-03-17T09:56:06	1	0	1	1	0	1.0346	1.0342	-0.0004	-0.9498	-0.9449	-0.0049
2024-03-17T09:56:45	1	0	33	31	2	0.9476	0.9484	0.0008	0.9939	0.994	-0.0001
2024-03-17T09:56:53	1	0	60	44	16	1.0580	1.0548	-0.0032	0.9754	0.9717	0.0037
2024-03-17T09:58:40	1	0	375	374	1	1.0604	1.0603	0.0000	0.9944	0.9944	0.0000
2024-03-17T09:58:45	2	0	1	1	0	1.0031	1.0025	-0.0006	-0.9761	-0.976	-0.0001
2024-03-17T09:59:05	4	0	3	3	0	1.0345	1.0342	-0.0003	-0.9966	-0.9969	0.0003
2024-03-17T10:00:34	3	0	1	0	1	1.0551	null	null	-1	-1	0.0000
2024-03-17T10:03:50	1	0	8	6	2	1.0459	1.0455	-0.0004	-0.9887	-0.9892	0.0005
2024-03-17T10:04:05	2	0	28	27	1	1.0586	1.0582	-0.0005	0.9966	0.9965	0.0001
2024-03-17T10:04:11	1	0	457	457	0	1.0740	1.0740	0.0000	0.9926	0.9926	0.0000
2024-03-17T10:04:25	1	0	4	4	0	0.9413	0.9415	0.0002	0.9723	0.9725	-0.0002
2024-03-17T10:05:25	2	0	153	151	2	0.9319	0.9321	0.0002	0.9649	0.9653	-0.0004
2024-03-17T10:05:29	4	0	33	30	3	1.0530	1.0521	-0.0009	0.9296	0.9286	0.0010
2024-03-17T10:05:44	1	0	30	29	1	1.0528	1.0525	-0.0003	0.9944	0.9943	0.0001
2024-03-17T10:05:59	8	0	355	353	2	0.8935	0.8938	0.0002	0.8438	0.8448	-0.0010
2024-03-17T10:06:58	2	0	11	10	1	1.0571	1.0562	-0.0009	-0.9965	-0.9967	0.0002
2024-03-17T10:10:07	3	0	63	63	0	0.9070	0.9068	-0.0002	-0.9996	-0.9996	0.0000
2024-03-17T10:11:06	3	0	374	369	5	1.0614	1.0611	-0.0003	-0.9996	-0.9997	0.0001
2024-03-17T10:12:18	2	0	46	45	1	1.0569	1.0568	-0.0001	0.9752	0.9752	0.0000
2024-03-17T10:12:47	1	0	1	1	0	0.9926	0.9929	0.0003	-0.9537	-0.9533	-0.0004
2024-03-17T10:13:11	5	0	236	230	6	1.0589	1.0587	-0.0002	-0.9991	-0.9992	0.0001
2024-03-17T10:14:20	1	0	2	2	0	1.0498	1.0497	-0.0001	-0.9817	-0.9816	-0.0001
2024-03-17T10:14:36	2	0	10	10	0	1.0477	1.0476	-0.0001	-0.9828	-0.9829	0.0001
2024-03-17T10:15:08	1	0	2	2	0	1.0128	1.0124	-0.0004	0.9819	0.9814	0.0005
2024-03-17T10:15:57	1	0	2	2	0	1.0289	1.0287	-0.0002	0.9998	0.9998	0.0000
2024-03-17T10:17:43	2	0	789	789	0	1.0698	1.0698	0.0000	-0.9617	-0.9618	0.0001
2024-03-17T10:20:26	2	0	113	113	0	0.9507	0.9506	-0.0001	0.9645	0.9644	0.0001
2024-03-17T10:20:30	1	0	59	58	1	1.0554	1.0553	0.0000	0.9466	0.9462	0.0004
2024-03-17T10:21:03	3	0	258	262	-4	0.8923	0.8923	0.0000	0.8553	0.855	0.0003
2024-03-17T10:21:05	3	0	5	5	0	1.0523	1.0515	-0.0008	-0.9706	-0.9721	0.0015
2024-03-17T10:22:03	2	0	16	16	0	0.9128	0.9137	0.0008	0.9289	0.9302	-0.0013
2024-03-17T10:22:19	2	0	21	13	8	1.0561	1.0555	-0.0006	-0.9999	-0.9999	0.0000
2024-03-17T10:22:27	1	0	14	12	2	0.9353	0.9356	0.0003	0.9985	0.9987	-0.0002
2024-03-17T10:24:45	1	0	3	2	1	1.0575	1.0561	-0.0013	-0.9962	-0.9966	0.0004
2024-03-17T10:25:08	2	0	64	64	0	0.9209	0.9212	0.0003	-0.9997	-0.9997	0.0000
2024-03-17T10:27:48	2	0	1	1	0	0.9966	0.9971	0.0005	-0.9548	-0.9544	-0.0004
2024-03-17T10:28:29	1	0	31	32	-1	1.0514	1.0513	0.0000	0.9977	0.9976	0.0001
2024-03-17T10:29:45	3	0	1	0	1	1.0554	null	null	0.999	0.9991	-0.0001
2024-03-17T10:30:09	1	0	15	13	2	1.0533	1.0533	0.0000	0.9885	0.9884	0.0001
2024-03-17T10:30:58	1	0	4	4	0	1.0383	1.0381	-0.0002	0.9999	0.9999	0.0000
2024-03-17T10:31:11	2	0	80	78	2	1.0562	1.0562	0.0000	0.9991	0.9992	-0.0001
2024-03-17T10:34:22	3	0	1	1	0	1.0493	1.0487	-0.0006	-0.993	-0.9931	0.0001
2024-03-17T10:35:29	1	0	18	18	0	1.0536	1.0535	-0.0001	0.9985	0.9983	0.0002
2024-03-17T10:35:31	2	0	108	108	0	0.9843	0.9841	-0.0001	0.9638	0.9636	0.0002
2024-03-17T10:38:04	1	0	23	22	1	1.0496	1.0493	-0.0003	-0.9996	-0.9996	0.0000
2024-03-17T10:39:43	5	0	60	58	2	0.9807	0.9806	0.0000	0.9696	0.9649	0.0047
2024-03-17T10:40:05	2	0	2	2	0	1.0462	1.0458	-0.0005	-0.9975	-0.9977	0.0002
2024-03-17T10:43:30	1	0	29	29	0	1.0505	1.0505	-0.0001	0.9985	0.9985	0.0000
2024-03-17T10:45:10	1	0	2	2	0	1.0143	1.0141	-0.0003	0.9843	0.9851	-0.0008
2024-03-17T10:45:59	1	0	4	4	0	1.0379	1.0378	-0.0002	0.9999	1	-0.0001
2024-03-17T10:47:21	1	0	6	6	0	1.0321	1.0319	-0.0002	0.9963	0.9961	0.0002
2024-03-17T10:47:39	1	0	1	1	0	1.0418	1.0416	-0.0002	0.987	0.9869	0.0001
2024-03-17T10:49:14	1	0	462	462	0	1.0717	1.0715	-0.0002	0.9935	0.9933	0.0002
2024-03-17T10:51:20	1	0	2	2	0	1.0656	1.0648	-0.0007	-0.9813	-0.9831	0.0018
2024-03-17T10:52:01	1	0	21	18	3	1.0595	1.0587	-0.0008	-0.9961	-0.9963	0.0002
2024-03-17T10:54:47	2	0	1	0	1	1.0271	null	null	0.9895	0.9895	0.0000
2024-03-17T10:55:10	1	0	3	3	0	1.0309	1.0309	-0.0001	0.9736	0.9735	0.0001
2024-03-17T10:55:10	1	0	64	64	0	0.9198	0.9198	0.0000	1	1	0.0000
2024-03-17T10:55:54	1	0	3	2	1	1.0339	1.0362	0.0022	0.9933	0.9932	0.0001
2024-03-17T10:57:15	1	0	3	3	0	1.0400	1.0398	-0.0002	0.9945	0.9942	0.0003
2024-03-17T10:58:55	1	0	434	430	4	1.0624	1.0624	0.0000	0.9923	0.9923	0.0000
2024-03-17T10:59:01	2	0	3	3	0	1.0585	1.0582	-0.0003	-0.9844	-0.9847	0.0003
2024-03-17T11:00:11	2	0	2	2	0	1.0163	1.0158	-0.0005	0.9832	0.9839	-0.0007
2024-03-17T11:00:11	4	0	17	16	1	1.0515	1.0513	-0.0003	0.9879	0.9879	0.0000
2024-03-17T11:01:49	2	0	1	0	1	1.0341	null	null	0.9984	0.9984	0.0000
2024-03-17T11:02:05	1	0	71	69	2	1.0534	1.0535	0.0001	0.9814	0.9815	-0.0001
2024-03-17T11:05:33	1	0	48	47	1	1.0539	1.0537	-0.0002	0.9317	0.9312	0.0005
2024-03-17T11:06:16	2	0	1	0	1	1.0554	null	null	0.9893	0.9889	0.0004
2024-03-17T11:07:02	1	0	13	12	1	1.0586	1.0580	-0.0006	-0.9975	-0.9977	0.0002
2024-03-17T11:07:30	2	0	4	4	0	0.9470	0.9468	-0.0002	0.9986	0.9987	-0.0001
2024-03-17T11:09:45	1	0	87	87	0	0.9788	0.9788	0.0000	0.9639	0.9637	0.0002
2024-03-17T11:12:16	1	0	20	20	0	0.9481	0.9484	0.0002	0.9953	0.9955	-0.0002
2024-03-17T11:12:18	1	0	1	1	0	1.0610	1.0600	-0.0010	-0.9481	-0.9482	0.0001
2024-03-17T11:13:32	1	0	25	25	0	1.0470	1.0451	-0.0019	0.9877	0.9876	0.0001
2024-03-17T11:14:00	1	0	366	361	5	1.0609	1.0609	0.0000	0.9927	0.9927	0.0000
2024-03-17T11:14:40	1	0	12	12	0	1.0475	1.0475	0.0000	-0.9863	-0.9862	-0.0001
2024-03-17T11:14:48	3	0	2	2	0	1.0605	1.0601	-0.0004	0.9984	0.9985	-0.0001
2024-03-17T11:15:13	3	0	25	24	1	1.0552	1.0549	-0.0003	0.9884	0.9883	0.0001

2024-03-17T11:15:18	1	0	2	2	0	1.0159	1.0156	-0.0004	0.9829	0.9837	-0.0008
2024-03-17T11:16:10	2	0	1	0	1	1.0560	null	null	0.9996	0.9995	0.0001
2024-03-17T11:16:50	2	0	2	2	0	1.0391	1.0391	0.0000	0.9983	0.9984	-0.0001
2024-03-17T11:17:16	1	0	1	0	1	1.0412	null	null	-0.9965	-0.9965	0.0000
2024-03-17T11:18:10	1	0	13	13	0	1.0383	1.0382	-0.0001	0.906	0.9052	0.0008
2024-03-17T11:18:57	2	0	8	6	2	0.9432	0.9438	0.0007	0.9783	0.978	0.0003
2024-03-17T11:20:34	2	0	90	85	5	1.0573	1.0570	-0.0003	0.9407	0.9402	0.0005
2024-03-17T11:21:09	3	0	9	10	-1	1.0550	1.0551	0.0001	-0.9745	-0.9743	-0.0002
2024-03-17T11:22:03	1	0	16	14	2	1.0589	1.0585	-0.0004	-0.9948	-0.995	0.0002
2024-03-17T11:24:49	2	0	240	67	173	1.0739	1.0584	-0.0155	-0.9406	0.9956	0.0638
2024-03-17T11:29:03	2	0	1	1	0	1.0996	1.0996	0.0000	-0.9833	-0.9832	-0.0001
2024-03-17T11:29:11	1	0	2	3	-1	1.0462	1.0409	-0.0053	-0.999	-0.999	0.0000
2024-03-17T11:31:11	2	0	1	1	0	0.9702	0.9711	0.0009	0.9995	0.9996	-0.0001
2024-03-17T11:31:15	3	0	135	133	2	1.0582	1.0581	0.0000	0.9981	0.9982	-0.0001
2024-03-17T11:32:21	1	0	68	67	1	1.0540	1.0540	0.0000	0.9812	0.9812	0.0000
2024-03-17T11:33:58	3	0	6	6	0	0.9625	0.9624	-0.0001	0.9798	0.9798	0.0000
2024-03-17T11:34:33	1	0	2	2	0	0.9405	0.9405	0.0000	0.9704	0.9705	-0.0001
2024-03-17T11:34:52	2	0	7	7	0	1.0546	1.0540	-0.0006	0.9948	0.9947	0.0001
2024-03-17T11:35:35	6	0	46	45	1	1.0541	1.0543	0.0002	0.9355	0.9353	0.0002
2024-03-17T11:36:01	1	0	31	30	1	1.0483	1.0473	-0.0010	-0.9856	-0.9856	0.0000
2024-03-17T11:36:31	1	0	2	2	0	1.0689	1.0688	-0.0002	-0.9402	-0.9394	-0.0008
2024-03-17T11:37:04	2	0	13	10	3	1.0590	1.0593	0.0004	-0.9945	-0.9946	0.0001
2024-03-17T11:39:47	4	0	97	97	0	0.9672	0.9672	0.0000	0.963	0.9632	-0.0002
2024-03-17T11:41:37	3	0	342	343	-1	1.0602	1.0601	-0.0002	-0.9999	-0.9999	0.0000
2024-03-17T11:44:12	1	0	363	360	3	1.0611	1.0611	0.0000	0.9917	0.9916	0.0001
2024-03-17T11:47:30	1	0	51	52	-1	1.0534	1.0534	0.0000	0.9802	0.9803	-0.0001
2024-03-17T11:49:21	2	0	456	228	228	1.0731	1.0696	-0.0034	0.9913	0.9787	0.0126
2024-03-17T11:49:59	2	0	29	28	1	1.0577	1.0570	-0.0007	0.9959	0.9959	0.0000
2024-03-17T11:51:35	1	0	3	3	0	1.0664	1.0662	-0.0002	-0.9726	-0.9715	-0.0011
2024-03-17T11:52:05	2	0	13	13	0	1.0591	1.0587	-0.0004	-0.9975	-0.9976	0.0001
2024-03-17T11:52:33	3	0	2	2	0	0.9031	0.9031	0.0000	0.9985	0.9985	0.0000
2024-03-17T12:01:17	3	0	54	54	0	0.9584	0.9584	0.0001	0.9951	0.9954	-0.0003
2024-03-17T12:02:31	1	0	83	83	0	1.0544	1.0543	0.0000	0.9802	0.9803	-0.0001
2024-03-17T12:04:22	2	0	473	250	223	1.0814	1.0735	-0.0079	0.993	0.9812	0.0118
2024-03-17T12:04:35	1	0	2	2	0	0.9383	0.9383	0.0000	0.9701	0.9699	0.0002
2024-03-17T12:05:08	2	0	22	20	2	1.0555	1.0552	-0.0003	0.9946	0.9946	0.0000
2024-03-17T12:05:52	1	0	31	31	0	1.0522	1.0522	0.0000	0.9925	0.9925	0.0000
2024-03-17T12:07:06	2	0	24	24	0	1.0607	1.0604	-0.0003	-0.995	-0.9951	0.0001
2024-03-17T12:07:34	3	0	2	2	0	0.9027	0.9027	0.0000	0.9981	0.9981	0.0000
2024-03-17T12:10:57	1	0	84	83	1	1.0544	1.0544	0.0000	0.9939	0.9939	0.0000
2024-03-17T12:13:12	1	0	1	0	1	1.0557	null	null	-0.9867	-0.9867	0.0000
2024-03-17T12:14:24	1	0	451	449	2	1.0630	1.0630	0.0000	0.9919	0.9919	0.0000
2024-03-17T12:17:45	1	0	1	0	1	0.9398	null	null	0.98	0.98	0.0000
2024-03-17T12:19:01	3	0	1	0	1	1.0597	null	null	0.9897	0.9896	0.0001
2024-03-17T12:22:07	1	0	18	18	0	1.0594	1.0591	-0.0003	-0.9949	-0.995	0.0001
2024-03-17T12:29:07	2	0	2	2	0	1.0839	1.0838	-0.0001	-0.9782	-0.9779	-0.0003
2024-03-17T12:31:15	2	0	1	2	-1	1.0591	1.0158	-0.0433	0.9994	0.9994	0.0000
2024-03-17T12:36:02	7	0	2	2	0	1.0480	1.0480	0.0000	-0.9872	-0.9873	0.0001
2024-03-17T12:41:45	3	0	266	279	-13	1.0590	1.0590	0.0000	-1	-1	0.0000
2024-03-17T12:44:16	2	0	4	6	-2	1.0519	1.0468	-0.0050	-0.9966	-0.9965	-0.0001
2024-03-17T12:50:32	1	0	29	28	1	1.0590	1.0585	-0.0004	0.9962	0.9961	0.0001
2024-03-17T12:56:18	1	0	1	1	0	1.0322	1.0314	-0.0008	-0.9707	-0.9697	-0.0010
2024-03-17T12:58:35	1	0	4	4	0	1.0463	1.0461	-0.0002	0.9801	0.98	0.0001
2024-03-17T12:59:17	2	0	6	10	-4	1.0475	1.0482	0.0007	-0.9981	-0.9983	0.0002
2024-03-17T13:01:17	3	0	2	2	0	1.0553	1.0135	-0.0418	0.9995	0.9994	0.0001
2024-03-17T13:01:40	1	0	1	0	1	1.0554	null	null	0.965	0.9648	0.0002
2024-03-17T13:03:32	2	0	2	1	1	1.0558	1.0553	-0.0005	0.978	0.9775	0.0005
2024-03-17T13:04:04	5	0	1	0	1	0.9440	null	null	0.9753	0.9758	-0.0005
2024-03-17T13:09:53	3	0	67	66	1	1.0007	1.0007	0.0000	0.9622	0.9625	-0.0003
2024-03-17T13:12:46	1	0	286	189	97	1.0671	1.0673	0.0002	0.9704	0.9651	0.0053
2024-03-17T13:14:18	2	0	6	5	1	1.0481	1.0455	-0.0027	-0.9982	-0.998	-0.0002
2024-03-17T13:19:05	2	0	1	1	0	1.0558	1.0556	-0.0002	0.9776	0.9774	0.0002
2024-03-17T13:22:11	1	0	16	13	3	1.0589	1.0595	0.0005	-0.9961	-0.9961	0.0000
2024-03-17T13:36:06	7	0	3	3	0	1.0510	1.0507	-0.0003	-0.9872	-0.9874	0.0002
2024-03-17T13:36:19	1	0	7	7	0	1.0332	1.0330	-0.0001	0.9791	0.979	0.0001
2024-03-17T13:37:12	1	0	12	10	2	1.0590	1.0593	0.0003	-0.9973	-0.9974	0.0001
2024-03-17T13:39:01	2	0	20	19	1	1.0511	1.0506	-0.0005	0.9887	0.9885	0.0002
2024-03-17T13:42:01	1	0	374	372	2	1.0616	1.0614	-0.0002	-0.9998	-0.9998	0.0000
2024-03-17T13:42:08	2	0	21	20	1	1.0485	1.0482	-0.0004	-0.8596	-0.8595	-0.0001
2024-03-17T13:43:19	2	0	8	7	1	1.0498	1.0483	-0.0015	-0.9879	-0.988	0.0001
2024-03-17T13:46:20	2	0	1	1	0	1.0617	1.0611	-0.0006	0.9999	0.9998	0.0001
2024-03-17T13:47:16	2	0	1	1	0	1.0559	1.0553	-0.0006	-0.9999	-0.9999	0.0000
2024-03-17T13:49:30	1	0	154	154	0	1.0600	1.0599	-0.0001	0.987	0.9869	0.0001
2024-03-17T13:50:44	1	0	36	34	2	1.0601	1.0596	-0.0005	0.9992	0.9992	0.0000
2024-03-17T13:50:59	3	0	43	41	2	1.0542	1.0542	0.0000	0.9941	0.994	0.0001
2024-03-17T13:51:07	2	0	2	2	0	1.0508	1.0504	-0.0005	-0.9895	-0.9895	0.0000
2024-03-17T13:51:10	2	0	38	37	1	1.0491	1.0491	0.0000	-0.9842	-0.9842	0.0000
2024-03-17T13:52:13	1	0	9	9	0	1.0598	1.0593	-0.0005	-0.9951	-0.9952	0.0001
2024-03-17T13:57:05	1	0	370	367	3	1.0620	1.0619	-0.0002	-1	-1	0.0000
2024-03-17T13:58:19	1	0	79	79	0	1.1192	1.1187	-0.0006	-0.9769	-0.9769	0.0000
2024-03-17T13:59:21	2	0	4	4	0	1.0489	1.0483	-0.0006	-0.9966	-0.9966	0.0000
2024-03-17T14:01:02	1	0	3	3	0	1.0347	1.0344	-0.0002	-0.9951	-0.9951	0.0000
2024-03-17T14:02:33	1	0	1	1	0	1.0393	1.0390	-0.0003	-0.9962	-0.9963	0.0001
2024-03-17T14:02:38	1	0	7	7	0	1.0337	1.0336	-0.0001	-0.9903	-0.9899	-0.0004
2024-03-17T14:04:08	1	0	1	1	0	1.0591	1.0589	-0.0002	0.985	0.985	0.0000

2024-03-17T14:04:35	1	0	502	292	210	1.0777	1.0721	-0.0056	0.995	0.9822	0.0128
2024-03-17T14:05:53	2	0	51	45	6	1.0614	1.0606	-0.0008	0.9994	0.9993	0.0001
2024-03-17T14:06:00	2	0	62	61	1	1.0565	1.0564	-0.0001	0.9939	0.9937	0.0002
2024-03-17T14:06:08	8	0	3	3	0	1.0474	1.0470	-0.0004	-0.9861	-0.9862	0.0001
2024-03-17T14:06:11	1	0	45	44	1	1.0491	1.0492	0.0000	-0.9793	-0.9793	0.0000
2024-03-17T14:07:14	2	0	19	17	2	1.0540	1.0533	-0.0008	-0.9986	-0.9987	0.0001
2024-03-17T14:10:03	3	0	61	10	51	1.0589	1.0570	-0.0019	-0.9019	0.9921	0.1060
2024-03-17T14:11:16	1	0	1	0	1	1.0079	null	null	-0.9975	-0.9975	0.0000
2024-03-17T14:12:10	3	0	393	391	2	1.0605	1.0603	-0.0002	-0.9997	-0.9997	0.0000
2024-03-17T14:12:28	2	0	25	25	0	1.0538	1.0538	0.0000	0.9978	0.9979	-0.0001
2024-03-17T14:12:38	1	0	2	2	0	1.0288	1.0288	0.0000	0.9835	0.9835	0.0000
2024-03-17T14:16:22	2	0	2	2	0	1.0567	1.0157	-0.0410	0.9995	0.9995	0.0000
2024-03-17T14:16:26	3	0	200	195	5	1.0595	1.0594	-0.0001	0.9995	0.9995	0.0000
2024-03-17T14:17:36	1	0	1	1	0	1.0383	1.0378	-0.0005	-0.9975	-0.9975	0.0000
2024-03-17T14:17:53	2	0	1	1	0	1.0250	1.0239	-0.0011	0.9798	0.9796	0.0002
2024-03-17T14:19:43	3	0	1	2	-1	1.0491	1.0521	0.0030	-0.9897	-0.9896	-0.0001
2024-03-17T14:20:46	1	0	111	107	4	1.0591	1.0588	-0.0002	0.9456	0.9453	0.0003
2024-03-17T14:21:01	1	0	44	43	1	1.0546	1.0546	0.0000	0.9952	0.9952	0.0000
2024-03-17T14:21:09	11	0	3	2	1	1.0461	1.0404	-0.0057	-0.987	-0.9894	0.0024
2024-03-17T14:21:12	1	0	39	39	0	1.0487	1.0486	-0.0001	-0.981	-0.9811	0.0001
2024-03-17T14:21:13	2	0	53	51	2	1.0607	1.0601	-0.0007	0.9994	0.9993	0.0001
2024-03-17T14:21:31	1	0	1	1	0	1.0584	1.0583	-0.0001	0.9894	0.9893	0.0001
2024-03-17T14:22:15	4	0	13	10	3	1.0556	1.0547	-0.0009	-0.999	-0.9992	0.0002
2024-03-17T14:24:04	2	0	26	25	1	1.0507	1.0501	-0.0006	0.9905	0.9903	0.0002
2024-03-17T14:27:15	3	0	369	367	2	1.0605	1.0603	-0.0002	-0.9998	-0.9999	0.0001
2024-03-17T14:27:29	1	0	28	28	0	0.9854	0.9854	0.0000	0.9986	0.9986	0.0000
2024-03-17T14:27:39	3	0	11	11	0	0.9876	0.9877	0.0000	0.978	0.9779	0.0001
2024-03-17T14:27:46	4	0	148	148	0	0.8951	0.8954	0.0004	-0.9978	-0.9976	-0.0002
2024-03-17T14:29:23	3	0	6	6	0	1.0442	1.0449	0.0007	-0.9966	-0.9968	0.0002
2024-03-17T14:30:28	1	0	20	19	1	1.0530	1.0528	-0.0001	0.9866	0.9865	0.0001
2024-03-17T14:31:23	2	0	1	1	0	0.9704	0.9726	0.0022	0.9995	0.9996	-0.0001
2024-03-17T14:31:27	3	0	275	271	4	1.0610	1.0609	-0.0001	0.9997	0.9996	0.0001
2024-03-17T14:32:39	1	0	1	1	0	1.0413	1.0408	-0.0005	-0.9965	-0.9966	0.0001
2024-03-17T14:34:10	2	0	5	3	2	0.9438	0.9440	0.0001	0.9768	0.9768	0.0000
2024-03-17T14:34:26	1	0	22	21	1	1.0508	1.0500	-0.0008	-0.9788	-0.9792	0.0004
2024-03-17T14:34:37	2	0	490	489	1	1.0756	1.0784	0.0029	0.9949	0.9948	0.0001
2024-03-17T14:34:44	3	0	1	1	0	1.0474	1.0472	-0.0002	-0.9895	-0.9895	0.0000
2024-03-17T14:35:45	1	0	50	48	2	1.0566	1.0566	0.0000	0.9981	0.9981	0.0000
2024-03-17T14:35:47	7	0	104	99	5	1.0589	1.0582	-0.0007	0.95	0.949	0.0010
2024-03-17T14:36:02	2	0	60	58	2	1.0558	1.0558	0.0000	0.994	0.994	0.0000
2024-03-17T14:36:10	2	0	1	1	0	1.0415	1.0414	-0.0001	-0.9864	-0.9863	-0.0001
2024-03-17T14:36:18	2	0	36	35	1	1.0488	1.0487	0.0000	-0.9816	-0.9818	0.0002
2024-03-17T14:36:22	3	0	5	5	0	1.0524	1.0523	-0.0001	-0.9663	-0.967	0.0007
2024-03-17T14:36:32	1	0	1	1	0	1.0600	1.0599	-0.0001	0.9906	0.9795	0.0111
2024-03-17T14:36:40	2	0	50	49	1	1.0644	1.0634	-0.0010	0.9997	0.9997	0.0000
2024-03-17T14:36:48	1	0	2	2	0	1.0697	1.0694	-0.0003	-0.9864	-0.9856	-0.0008
2024-03-17T14:37:16	4	0	13	10	3	1.0551	1.0541	-0.0010	-0.9997	-0.9997	0.0000
2024-03-17T14:37:22	1	0	5	5	0	1.0526	1.0525	-0.0001	-0.9602	-0.9604	0.0002
2024-03-17T14:39:05	2	0	30	28	2	1.0497	1.0496	0.0000	0.9881	0.9881	0.0000
2024-03-17T14:39:59	6	0	33	33	0	1.0031	1.0000	-0.0030	0.9678	0.9673	0.0005
2024-03-17T14:40:25	1	0	66	66	0	0.9418	0.9417	-0.0001	-0.999	-0.9996	0.0006
2024-03-17T14:42:22	4	0	422	420	2	1.0610	1.0608	-0.0002	-0.9993	-0.9994	0.0001
2024-03-17T14:42:30	1	0	30	30	0	0.9855	0.9856	0.0000	0.9994	0.9994	0.0000
2024-03-17T14:42:40	3	0	9	9	0	0.9875	0.9875	0.0000	0.9816	0.9816	0.0000
2024-03-17T14:43:46	1	0	50	49	1	1.0549	1.0549	-0.0001	0.9984	0.9983	0.0001
2024-03-17T14:44:16	2	0	74	74	0	0.9390	0.9390	0.0000	-0.9721	-0.9723	0.0002
2024-03-17T14:44:24	2	0	2	3	-1	1.0486	1.0437	-0.0050	-0.9964	-0.9964	0.0000
2024-03-17T14:45:31	3	0	30	29	1	1.0548	1.0547	-0.0001	0.986	0.9859	0.0001
2024-03-17T14:46:24	2	0	1	1	0	1.0590	1.0566	-0.0024	0.9995	0.9993	0.0002
2024-03-17T14:47:55	1	0	1	2	-1	1.0415	0.9932	-0.0483	0.9845	0.9845	0.0000
2024-03-17T14:49:33	1	0	12	12	0	1.0493	1.0493	0.0000	-0.9795	-0.9795	0.0000
2024-03-17T14:50:46	1	0	55	53	2	1.0562	1.0562	-0.0001	0.9978	0.9978	0.0000
2024-03-17T14:50:48	1	0	117	111	6	1.0594	1.0591	-0.0002	0.9451	0.9447	0.0004
2024-03-17T14:51:03	3	0	56	55	1	1.0562	1.0561	0.0000	0.9957	0.9956	0.0001
2024-03-17T14:51:11	10	0	2	2	0	1.0486	1.0477	-0.0009	-0.9872	-0.9876	0.0004
2024-03-17T14:52:17	1	0	15	12	3	1.0444	1.0410	-0.0034	-0.9992	-0.9993	0.0001
2024-03-17T14:53:29	1	0	4	4	0	1.0462	1.0458	-0.0004	0.9744	0.9738	0.0006
2024-03-17T14:55:26	5	0	5	5	0	1.0519	1.0502	-0.0017	-0.991	-0.9916	0.0006
2024-03-17T14:55:27	3	0	148	149	-1	0.9322	0.9393	0.0071	-0.9993	-0.9992	-0.0001
2024-03-17T14:56:36	1	0	1	0	1	1.0358	null	null	-0.9954	-0.9951	-0.0003
2024-03-17T14:58:24	1	0	2	2	0	1.0463	1.0460	-0.0003	-0.9887	-0.9887	0.0000
2024-03-17T15:01:25	2	0	1	1	0	0.9698	0.9722	0.0024	0.9987	0.9989	-0.0002
2024-03-17T15:03:24	1	0	2	2	0	1.0416	1.0415	-0.0002	0.9991	0.999	0.0001
2024-03-17T15:05:49	1	0	99	97	2	1.0583	1.0580	-0.0003	0.9452	0.9448	0.0004
2024-03-17T15:06:04	6	0	74	65	9	1.0565	1.0564	-0.0001	0.9967	0.9963	0.0004
2024-03-17T15:07:18	1	0	13	12	1	1.0378	1.0358	-0.0020	-1	1	0.0000
2024-03-17T15:10:08	2	0	2	2	0	1.0218	1.0214	-0.0004	0.9969	0.9965	0.0004
2024-03-17T15:12:32	1	0	18	18	0	1.0534	1.0534	0.0000	0.9992	0.9991	0.0001
2024-03-17T15:14:27	2	0	5	5	0	1.0430	1.0427	-0.0002	-0.9965	-0.9966	0.0001
2024-03-17T15:16:26	2	0	1	1	0	1.0581	1.0559	-0.0022	0.9997	0.9995	0.0002
2024-03-17T15:20:50	1	0	98	94	4	1.0584	1.0579	-0.0005	0.9533	0.9529	0.0004
2024-03-17T15:21:05	1	0	59	58	1	1.0559	1.0559	0.0000	0.9961	0.9961	0.0000
2024-03-17T15:21:13	2	0	2	2	0	1.0401	1.0401	-0.0001	-0.9847	-0.987	0.0023
2024-03-17T15:21:35	1	0	1	1	0	1.0558	1.0556	-0.0002	0.9892	0.989	0.0002
2024-03-17T15:21:57	1	0	15	13	2	1.0492	1.0498	0.0006	0.9857	0.9871	-0.0014

2024-03-17T15:22:19	1	0	13	13	0	1.0544	1.0538	-0.0006	-0.9986	-0.9987	0.0001
2024-03-17T15:24:08	1	0	23	23	0	1.0492	1.0492	0.0000	0.9904	0.9904	0.0000
2024-03-17T15:25:34	1	0	4	4	0	1.0376	1.0375	-0.0002	-0.9923	-0.9923	0.0000
2024-03-17T15:26:21	1	0	1	1	0	1.0107	1.0102	-0.0005	-0.9987	-0.9986	-0.0001
2024-03-17T15:26:31	1	0	2	2	0	1.0200	1.0197	-0.0003	0.9677	0.9718	-0.0041
2024-03-17T15:30:03	1	0	14	14	0	1.0491	1.0491	0.0000	-0.98	-0.9799	-0.0001
2024-03-17T15:31:27	2	0	1	0	1	0.9742	null	null	0.9995	0.9995	0.0000
2024-03-17T15:32:58	1	0	1	2	-1	1.0390	0.9920	-0.0471	0.9833	0.9833	0.0000
2024-03-17T15:35:51	1	0	90	86	4	1.0573	1.0571	-0.0002	0.9467	0.9464	0.0003
2024-03-17T15:36:06	1	0	46	46	0	1.0550	1.0550	0.0000	0.9947	0.9947	0.0000
2024-03-17T15:37:20	1	0	9	9	0	1.0580	1.0573	-0.0007	-0.9969	-0.997	0.0001
2024-03-17T15:45:57	1	0	13	12	1	1.0338	1.0351	0.0013	0.9716	0.9713	0.0003
2024-03-17T15:46:28	2	0	1	1	0	0.9744	0.9760	0.0016	0.9997	0.9998	-0.0001
2024-03-17T15:47:47	1	0	1	0	1	1.0372	null	null	-0.9961	-0.9961	0.0000
2024-03-17T15:50:52	1	0	70	66	4	1.0575	1.0573	-0.0003	0.9358	0.9355	0.0003
2024-03-17T15:51:45	1	0	122	121	1	0.9242	0.9223	-0.0019	0.8293	0.8289	0.0004
2024-03-17T15:52:21	1	0	9	9	0	1.0573	1.0567	-0.0006	-0.9966	-0.9967	0.0001
2024-03-17T15:55:12	1	0	4	4	0	1.0586	1.0582	-0.0004	-0.9945	-1	0.0055
2024-03-17T15:55:33	2	0	65	65	0	0.9307	0.9302	-0.0005	-0.9994	-0.9995	0.0001
2024-03-17T16:00:20	1	0	3	3	0	1.0398	1.0397	-0.0001	0.9996	0.9996	0.0000
2024-03-17T16:03:00	1	0	1	2	-1	1.0386	0.9918	-0.0468	0.9842	0.9842	0.0000
2024-03-17T16:05:53	1	0	121	119	2	1.0603	1.0601	-0.0002	0.9519	0.9516	0.0003
2024-03-17T16:07:22	1	0	9	9	0	1.0568	1.0562	-0.0005	-0.9983	-0.9984	0.0001
2024-03-17T16:12:32	1	0	16	13	3	1.0522	1.0515	-0.0008	-0.9757	-0.9756	-0.0001
2024-03-17T16:12:55	2	0	384	380	4	1.0615	1.0609	-0.0005	-0.9999	-1	0.0001
2024-03-17T16:18:01	1	0	1	2	-1	1.0418	0.9934	-0.0484	0.9845	0.9845	0.0000
2024-03-17T16:20:54	1	0	84	82	2	1.0570	1.0570	0.0000	0.9463	0.9461	0.0002
2024-03-17T16:22:23	1	0	8	8	0	1.0563	1.0558	-0.0005	-0.9972	-0.9972	0.0000
2024-03-17T16:25:14	1	0	19	11	8	0.9465	0.9492	0.0028	0.9952	0.9955	-0.0003
2024-03-17T16:28:00	1	0	419	415	4	1.0624	1.0623	-0.0001	-0.9998	-0.9998	0.0000
2024-03-17T16:32:53	1	0	1	1	0	1.0410	1.0407	-0.0003	-0.9963	-0.9963	0.0000
2024-03-17T16:52:25	1	0	6	6	0	1.0532	1.0530	-0.0003	-0.9994	-0.9994	0.0000
2024-03-17T17:07:44	2	0	4	2	2	0.9585	0.9596	0.0011	0.9897	0.9898	-0.0001
2024-03-17T17:54:47	1	0	3	3	0	1.0415	1.0415	0.0000	0.9933	0.9933	0.0000
2024-03-18T07:50:06	1	0	212	212	0	0.9334	0.9334	0.0001	0.9389	0.9375	0.0014
2024-03-18T07:52:05	1	0	137	137	0	0.9261	0.9261	0.0000	0.9622	0.9621	0.0001
2024-03-18T07:55:46	1	0	28	28	0	0.9444	0.9444	0.0001	-0.995	-0.9948	-0.0002
2024-03-18T07:57:47	1	0	518	518	0	1.0644	1.0644	0.0000	-1	-1	0.0000
2024-03-18T08:12:48	2	0	528	528	0	1.0648	1.0648	0.0000	-0.9999	-1	0.0001
2024-03-18T08:17:12	1	0	797	797	0	1.0768	1.0768	0.0000	0.9997	0.9997	0.0000
2024-03-18T08:20:32	7	0	594	594	0	0.8686	0.8687	0.0002	0.8001	0.8003	-0.0002
2024-03-18T08:21:59	1	0	100	100	0	1.0622	1.0622	-0.0001	0.9988	0.9988	0.0000
2024-03-18T08:36:55	1	0	1	0	1	0.9597	null	null	0.9903	0.9902	0.0001
2024-03-18T08:36:58	1	0	2	2	0	0.9415	0.9418	0.0003	-0.9968	-0.9968	0.0000
2024-03-18T08:51:56	2	0	4	4	0	0.9526	0.9529	0.0003	0.9907	0.9906	0.0001
2024-03-18T08:54:57	1	0	5	5	0	1.0452	1.0452	0.0000	0.9956	0.9956	0.0000
2024-03-18T08:58:50	2	0	4	4	0	1.0379	1.0376	-0.0004	-0.9852	-0.9853	0.0001
2024-03-18T09:03:34	1	0	3	4	-1	1.0138	1.0130	-0.0008	0.9821	0.982	0.0001
2024-03-18T09:03:34	1	0	5	5	0	1.0468	1.0466	-0.0002	-0.972	-0.9719	-0.0001
2024-03-18T09:06:38	1	0	30	30	0	1.0281	1.0280	-0.0002	-0.9995	-0.9995	0.0000
2024-03-18T09:08:18	1	0	7	7	0	1.0336	1.0336	0.0000	0.9997	0.9997	0.0000
2024-03-18T09:10:51	1	0	4	4	0	0.9707	0.9706	-0.0002	-0.996	-0.9959	-0.0001
2024-03-18T09:12:52	2	0	571	569	2	1.0651	1.0651	0.0000	-0.9997	-0.9997	0.0000
2024-03-18T09:14:27	1	0	25	25	0	1.0496	1.0496	0.0000	0.9988	0.9988	0.0000
2024-03-18T09:18:57	1	0	49	41	8	1.0577	1.0567	-0.0011	0.9824	0.9832	-0.0008
2024-03-18T09:20:31	1	0	1	1	0	1.0283	1.0280	-0.0003	0.9853	0.985	0.0003
2024-03-18T09:20:43	1	0	623	622	1	0.8674	0.8674	0.0001	0.8073	0.7938	0.0135
2024-03-18T09:21:39	1	0	31	31	0	1.0254	1.0252	-0.0002	-0.9988	-0.9988	0.0000
2024-03-18T09:24:29	2	0	3	3	0	1.0458	1.0455	-0.0004	0.9893	0.989	0.0003
2024-03-18T09:24:47	3	0	67	67	0	0.9229	0.9228	0.0000	0.9894	0.9894	0.0000
2024-03-18T09:28:13	1	0	3	3	0	0.9666	0.9667	0.0001	-0.9994	-0.9994	0.0000
2024-03-18T09:29:28	3	0	21	19	2	1.0517	1.0511	-0.0006	0.9971	0.9971	0.0000
2024-03-18T09:35:39	7	0	15	15	0	1.0503	1.0500	-0.0003	-0.9991	-0.9991	0.0000
2024-03-18T09:36:40	1	0	11	11	0	0.9866	0.9864	-0.0002	1	1	0.0000
2024-03-18T09:42:02	1	0	2	2	0	1.0283	1.0282	-0.0002	0.9854	0.9854	0.0000
2024-03-18T09:45:52	2	0	1	1	0	0.9672	0.9679	0.0007	0.993	0.993	0.0000
2024-03-18T09:47:28	3	0	45	43	2	1.0518	1.0516	-0.0002	0.9822	0.9822	0.0000
2024-03-18T09:50:14	3	0	67	67	0	0.9432	0.9437	0.0005	0.9624	0.9625	-0.0001
2024-03-18T09:51:41	2	0	11	10	1	0.9958	0.9895	-0.0063	-0.9999	-0.9999	0.0000
2024-03-18T09:53:04	1	0	48	45	3	1.0252	1.0232	-0.0020	-0.998	-0.998	0.0000
2024-03-18T09:54:47	1	0	58	53	5	0.9421	0.9422	0.0001	0.9426	0.9425	0.0001
2024-03-18T09:55:54	1	0	4	4	0	0.9925	0.9922	-0.0003	-0.994	-0.9923	-0.0017
2024-03-18T09:58:33	2	0	1	1	0	1.0059	1.0053	-0.0006	-0.9757	-0.9756	-0.0001
2024-03-18T09:58:54	1	0	2	2	0	1.0279	1.0279	0.0000	-0.9863	-0.9864	0.0001
2024-03-18T09:59:07	4	0	38	37	1	1.0537	1.0538	0.0002	-0.9954	-0.9958	0.0004
2024-03-18T09:59:30	3	0	15	14	1	1.0498	1.0493	-0.0005	0.9971	0.9971	0.0000
2024-03-18T10:00:25	2	0	1	1	0	1.0299	1.0294	-0.0005	0.9993	0.9992	0.0001
2024-03-18T10:00:53	1	0	2	2	0	0.9707	0.9707	0.0000	0.9917	0.9917	0.0000
2024-03-18T10:02:29	2	0	44	43	1	1.0514	1.0513	-0.0001	0.9814	0.9814	0.0000
2024-03-18T10:02:53	2	0	60	58	2	0.9570	0.9573	0.0003	0.9421	0.9421	0.0000
2024-03-18T10:03:07	1	0	7	6	1	1.0508	1.0494	-0.0014	0.9781	0.978	0.0001
2024-03-18T10:03:41	1	0	2	2	0	1.0476	1.0462	-0.0013	-0.97	-0.9706	0.0006
2024-03-18T10:03:53	1	0	9	9	0	1.0454	1.0447	-0.0006	0.9911	0.9908	0.0003
2024-03-18T10:04:02	1	0	26	26	0	1.0569	1.0563	-0.0006	0.9828	0.9827	0.0001
2024-03-18T10:04:08	6	0	22	21	1	1.0498	1.0500	0.0002	0.9989	0.9989	0.0000

2024-03-18T10:05:15	1	0	137	123	14	0.9378	0.9385	0.0007	0.9229	0.9232	-0.0003
2024-03-18T10:05:19	4	0	24	23	1	0.9507	0.9471	-0.0036	0.8951	0.8946	0.0005
2024-03-18T10:05:22	4	0	114	112	2	0.9477	0.9501	0.0024	0.9635	0.9636	-0.0001
2024-03-18T10:05:45	2	0	37	36	1	1.0474	1.0480	0.0005	-0.9976	-0.9977	0.0001
2024-03-18T10:05:50	9	0	218	212	6	0.9064	0.9094	0.0030	0.8021	0.8032	-0.0011
2024-03-18T10:05:52	3	0	106	99	7	1.0589	1.0583	-0.0006	-0.9756	-0.9768	0.0012
2024-03-18T10:06:42	2	0	13	11	2	1.0069	0.9976	-0.0093	-0.9999	-1	0.0001
2024-03-18T10:07:14	3	0	116	112	4	0.9269	0.9271	0.0002	0.96	0.9603	-0.0003
2024-03-18T10:07:58	1	0	12	12	0	1.0497	1.0496	-0.0001	0.9728	0.9725	0.0003
2024-03-18T10:08:22	1	0	4	4	0	1.0361	1.0361	0.0000	0.9996	0.9997	-0.0001
2024-03-18T10:08:28	4	0	167	165	2	1.0575	1.0575	0.0000	-0.9555	-0.9553	-0.0002
2024-03-18T10:09:32	2	0	11	8	3	1.0534	1.0512	-0.0022	0.991	0.9903	0.0007
2024-03-18T10:09:50	6	0	68	68	0	0.9471	0.9470	-0.0001	0.9951	0.994	0.0011
2024-03-18T10:10:40	1	0	4	4	0	1.0140	1.0137	-0.0003	0.9779	0.9778	0.0001
2024-03-18T10:10:58	3	0	1116	1115	1	0.7992	0.7994	0.0002	0.8691	0.8683	0.0008
2024-03-18T10:13:18	1	0	1	1	0	0.9394	0.9401	0.0007	-0.9995	-0.9995	0.0000
2024-03-18T10:13:55	1	0	1	1	0	1.0463	1.0459	-0.0004	-0.9868	-0.9869	0.0001
2024-03-18T10:14:25	2	0	14	14	0	1.0456	1.0455	-0.0001	-0.997	-0.997	0.0000
2024-03-18T10:15:42	1	0	1	1	0	1.0320	1.0317	-0.0003	0.9977	0.9976	0.0001
2024-03-18T10:17:30	3	0	59	57	2	1.0525	1.0523	-0.0002	0.983	0.9829	0.0001
2024-03-18T10:17:34	2	0	800	800	0	1.0784	1.0784	0.0000	0.9998	0.9998	0.0000
2024-03-18T10:20:04	1	0	10	10	0	1.0490	1.0489	-0.0001	0.9934	0.9926	0.0008
2024-03-18T10:20:25	2	0	2	2	0	1.0476	1.0470	-0.0006	-0.8343	-0.8351	0.0008
2024-03-18T10:20:42	2	0	11	10	1	1.0485	1.0484	-0.0001	-0.9992	-0.9992	0.0000
2024-03-18T10:20:54	1	0	32	32	0	1.0475	1.0475	0.0000	-0.9977	-0.9977	0.0000
2024-03-18T10:23:29	2	0	185	180	5	1.0580	1.0579	0.0000	-0.9551	-0.9551	0.0000
2024-03-18T10:24:51	1	0	67	67	0	0.9411	0.9410	-0.0001	0.9914	0.9914	0.0000
2024-03-18T10:24:52	2	0	2	2	0	1.0477	1.0473	-0.0005	-0.9943	-0.9945	0.0002
2024-03-18T10:27:57	7	0	691	677	14	1.0699	1.0698	-0.0002	-0.9991	-0.9992	0.0001
2024-03-18T10:28:23	2	0	15	14	1	1.0456	1.0455	-0.0001	0.9969	0.9968	0.0001
2024-03-18T10:28:48	1	0	17	17	0	1.0484	1.0483	-0.0001	0.9971	0.997	0.0001
2024-03-18T10:30:34	3	0	1	0	1	1.0579	null	null	0.9993	0.9993	0.0000
2024-03-18T10:32:31	1	0	57	56	1	1.0529	1.0528	-0.0001	0.9806	0.9806	0.0000
2024-03-18T10:34:04	1	0	339	119	220	1.0666	1.0641	-0.0025	0.9889	0.9853	0.0036
2024-03-18T10:34:48	1	0	5	5	0	1.0529	1.0527	-0.0003	0.9844	0.9844	0.0000
2024-03-18T10:35:24	1	0	122	122	0	0.9537	0.9538	0.0000	0.9616	0.9613	0.0003
2024-03-18T10:35:43	7	0	19	17	2	1.0499	1.0497	-0.0002	-0.9993	-0.9993	0.0000
2024-03-18T10:37:15	1	0	2	2	0	0.9496	0.9504	0.0008	0.9989	0.999	-0.0001
2024-03-18T10:37:59	1	0	2	2	0	1.0403	1.0401	-0.0002	0.9945	0.9944	0.0001
2024-03-18T10:38:30	8	0	232	222	10	1.0597	1.0596	-0.0001	-0.9519	-0.9519	0.0000
2024-03-18T10:41:02	1	0	31	26	5	1.0545	1.0540	-0.0004	0.9998	0.9997	0.0001
2024-03-18T10:42:55	1	0	2	2	0	0.9837	0.9836	-0.0002	-0.997	-0.9971	0.0001
2024-03-18T10:43:20	1	0	2	2	0	0.9372	0.9374	0.0001	-0.9991	-0.9991	0.0000
2024-03-18T10:45:58	2	0	1	1	0	1.0236	1.0200	-0.0036	0.9758	0.9529	0.0229
2024-03-18T10:47:11	1	0	3	3	0	1.0274	1.0270	-0.0004	0.9923	0.9921	0.0002
2024-03-18T10:47:37	3	0	66	64	2	1.0533	1.0532	-0.0001	0.9816	0.9816	0.0000
2024-03-18T10:47:55	1	0	1	0	1	1.0351	null	null	0.9968	0.9968	0.0000
2024-03-18T10:49:03	1	0	23	23	0	1.0479	1.0478	0.0000	-0.9745	-0.9745	0.0000
2024-03-18T10:49:57	2	0	203	199	4	1.0578	1.0578	-0.0001	-0.9981	-0.9981	0.0000
2024-03-18T10:50:18	2	0	32	32	0	0.9426	0.9426	0.0000	0.9229	0.923	-0.0001
2024-03-18T10:50:37	5	0	22	19	3	0.9389	0.9389	0.0000	0.9885	0.9891	-0.0006
2024-03-18T10:51:08	1	0	2	2	0	1.0637	1.0631	-0.0007	0.9775	0.9841	-0.0066
2024-03-18T10:52:20	1	0	3	3	0	0.9744	0.9746	0.0002	0.9989	0.9989	0.0000
2024-03-18T10:53:38	3	0	82	81	1	0.9283	0.9291	0.0008	0.989	0.9892	-0.0002
2024-03-18T10:54:31	5	0	88	88	0	0.9955	0.9947	-0.0008	0.9665	0.9662	0.0003
2024-03-18T10:54:58	1	0	3	3	0	1.0232	1.0231	-0.0001	0.9563	0.9561	0.0002
2024-03-18T10:55:05	1	0	12	12	0	1.0460	1.0460	0.0000	0.9957	0.9957	0.0000
2024-03-18T10:55:50	1	0	1	1	0	1.0071	1.0062	-0.0009	-0.9998	-0.9998	0.0000
2024-03-18T10:56:09	1	0	63	60	3	1.0557	1.0555	-0.0003	0.9998	0.9998	0.0000
2024-03-18T10:56:37	1	0	10	10	0	1.0522	1.0522	0.0000	1	1	0.0000
2024-03-18T10:57:07	1	0	2	2	0	1.0246	1.0243	-0.0003	0.9808	0.9807	0.0001
2024-03-18T11:01:51	3	0	1	1	0	1.0366	1.0357	-0.0009	0.9861	0.9964	-0.0103
2024-03-18T11:02:26	1	0	6	5	1	1.0139	1.0299	0.0160	0.9781	0.9781	0.0000
2024-03-18T11:04:08	1	0	1	1	0	1.0368	1.0365	-0.0003	-0.9686	-0.9686	0.0000
2024-03-18T11:05:45	4	0	35	35	0	1.0568	1.0567	-0.0001	-0.9986	-0.9992	0.0006
2024-03-18T11:05:57	2	0	202	201	1	0.9139	0.9139	0.0000	0.8215	0.8298	-0.0083
2024-03-18T11:06:46	1	0	5	5	0	1.0524	1.0515	-0.0009	-0.9983	-0.9984	0.0001
2024-03-18T11:07:27	1	0	5	5	0	1.0505	1.0502	-0.0003	0.998	0.998	0.0000
2024-03-18T11:08:01	1	0	2	2	0	1.0476	1.0473	-0.0003	0.9738	0.9737	0.0001
2024-03-18T11:09:36	1	0	4	4	0	1.0466	1.0465	-0.0002	0.9958	0.9954	0.0004
2024-03-18T11:10:59	3	0	4	4	0	0.9536	0.9542	0.0006	-0.9956	-0.9953	-0.0003
2024-03-18T11:11:17	1	0	64	57	7	1.0560	1.0557	-0.0003	0.9999	0.9999	0.0000
2024-03-18T11:14:29	1	0	18	18	0	1.0468	1.0468	0.0000	-0.9974	-0.9974	0.0000
2024-03-18T11:14:35	2	0	17	17	0	1.0524	1.0524	0.0000	0.9968	0.9968	0.0000
2024-03-18T11:15:46	1	0	7	7	0	1.0462	1.0461	-0.0001	0.9986	0.9986	0.0000
2024-03-18T11:16:10	1	0	23	22	1	1.0502	1.0504	0.0002	0.9696	0.9695	0.0001
2024-03-18T11:16:20	2	0	1	0	1	1.0258	null	null	0.9683	0.9679	0.0004
2024-03-18T11:17:21	2	0	2	2	0	1.0577	1.0573	-0.0004	0.9952	0.9951	0.0001
2024-03-18T11:17:50	3	0	78	75	3	1.0542	1.0541	-0.0001	0.9802	0.9801	0.0001
2024-03-18T11:17:57	1	0	1	1	0	1.0370	1.0368	-0.0002	0.9966	0.9967	-0.0001
2024-03-18T11:19:02	1	0	2	2	0	1.0306	1.0304	-0.0003	0.9273	0.9272	0.0001
2024-03-18T11:19:13	1	0	10	10	0	1.0482	1.0481	-0.0002	0.9958	0.9958	0.0000
2024-03-18T11:19:39	3	0	1	0	1	1.0225	null	null	0.9854	0.9849	0.0005
2024-03-18T11:20:20	1	0	14	14	0	0.9396	0.9396	0.0000	0.9243	0.9247	-0.0004
2024-03-18T11:20:24	3	0	8	7	1	1.0492	1.0478	-0.0014	0.9179	0.9173	0.0006

2024-03-18T11:20:27	2	0	97	97	0	0.9615	0.9613	-0.0002	0.9627	0.9623	0.0004
2024-03-18T11:20:48	4	0	22	21	1	1.0484	1.0479	-0.0005	0.995	0.995	0.0000
2024-03-18T11:20:52	1	0	15	15	0	1.0472	1.0472	0.0000	-0.9984	-0.9984	0.0000
2024-03-18T11:20:54	1	0	13	13	0	1.0409	1.0408	-0.0002	0.9975	0.9975	0.0000
2024-03-18T11:21:47	1	0	6	6	0	1.0545	1.0536	-0.0009	-0.9969	-0.997	0.0001
2024-03-18T11:21:56	2	0	1	1	0	1.0563	1.0552	-0.0011	0.9239	0.9221	0.0018
2024-03-18T11:23:10	1	0	70	69	1	0.9651	0.9638	-0.0014	-0.9974	-0.9974	0.0000
2024-03-18T11:24:07	2	0	193	190	3	1.0581	1.0581	0.0000	-0.956	-0.9559	-0.0001
2024-03-18T11:27:09	1	0	2	2	0	1.0203	1.0201	-0.0003	0.9825	0.9824	0.0001
2024-03-18T11:28:29	1	0	4	4	0	1.0452	1.0452	0.0000	0.9817	0.9817	0.0000
2024-03-18T11:30:59	2	0	2	2	0	1.0125	1.0101	-0.0024	0.9933	0.9929	0.0004
2024-03-18T11:32:27	2	0	2	2	0	1.0608	1.0608	0.0000	0.9945	0.9945	0.0000
2024-03-18T11:32:56	4	0	74	73	1	1.0536	1.0536	0.0000	0.9795	0.9794	0.0001
2024-03-18T11:33:44	1	0	1	0	1	1.0559	null	null	0.9413	0.9411	0.0002
2024-03-18T11:34:08	2	0	304	118	186	1.0699	1.0630	-0.0069	0.9843	0.9801	0.0042
2024-03-18T11:34:40	2	0	21	19	2	1.0515	1.0504	-0.0011	0.9906	0.9905	0.0001
2024-03-18T11:35:13	2	0	13	14	-1	1.0507	1.0500	-0.0006	0.9909	0.9901	0.0008
2024-03-18T11:35:20	1	0	3	3	0	1.0635	1.0634	-0.0001	0.9787	0.9786	0.0001
2024-03-18T11:36:19	1	0	2	2	0	1.0671	1.0670	-0.0001	-0.9441	-0.9454	0.0013
2024-03-18T11:36:48	2	0	7	7	0	1.0491	1.0485	-0.0006	-0.998	-0.998	0.0000
2024-03-18T11:36:59	2	0	2	2	0	1.0609	1.0606	-0.0003	-0.9987	-0.9987	0.0000
2024-03-18T11:38:11	1	0	49	48	1	0.9759	0.9742	-0.0017	-0.9972	-0.9972	0.0000
2024-03-18T11:39:17	1	0	54	51	3	1.0577	1.0578	0.0001	0.9815	0.9811	0.0004
2024-03-18T11:41:00	1	0	3	3	0	1.0149	1.0148	-0.0001	0.9766	0.9766	0.0000
2024-03-18T11:41:11	3	0	661	647	14	0.7720	0.7752	0.0032	0.9096	0.9061	0.0035
2024-03-18T11:41:33	1	0	45	42	3	1.0547	1.0545	-0.0003	0.9998	0.9998	0.0000
2024-03-18T11:42:06	1	0	1	0	1	1.0552	null	null	0.9924	0.9924	0.0000
2024-03-18T11:43:08	7	0	650	651	-1	1.0679	1.0681	0.0002	-0.999	-0.9991	0.0001
2024-03-18T11:44:01	3	0	1	0	1	1.0560	null	null	-0.9947	-0.9948	0.0001
2024-03-18T11:46:00	2	0	1	3	-2	0.9633	0.9991	0.0358	0.9927	0.9929	-0.0002
2024-03-18T11:46:59	2	0	1	1	0	1.0565	1.0556	-0.0009	-0.9987	-0.9987	0.0000
2024-03-18T11:48:02	6	0	79	78	1	1.0536	1.0536	-0.0001	0.9815	0.9815	0.0000
2024-03-18T11:48:45	1	0	1	1	0	1.0591	1.0589	-0.0002	0.9652	0.9653	-0.0001
2024-03-18T11:49:09	2	0	271	72	199	1.0701	1.0623	-0.0077	0.9777	0.9731	0.0046
2024-03-18T11:49:17	7	0	7	8	-1	1.0544	1.0534	-0.0009	0.996	0.9961	-0.0001
2024-03-18T11:49:50	2	0	24	22	2	1.0515	1.0506	-0.0009	0.9907	0.9906	0.0001
2024-03-18T11:50:17	2	0	14	14	0	1.0514	1.0514	-0.0001	0.9946	0.9945	0.0001
2024-03-18T11:50:31	2	0	5	6	-1	1.0518	1.0505	-0.0013	-0.8845	-0.884	-0.0005
2024-03-18T11:50:44	7	0	5	6	-1	0.9704	0.9658	-0.0045	0.9978	0.9976	0.0002
2024-03-18T11:50:55	2	0	18	17	1	1.0491	1.0484	-0.0007	0.9943	0.9942	0.0001
2024-03-18T11:51:49	2	0	7	7	0	1.0485	1.0482	-0.0003	-0.998	-0.998	0.0000
2024-03-18T11:52:00	2	0	2	2	0	1.0619	1.0619	0.0000	-0.999	-0.999	0.0000
2024-03-18T11:52:34	2	0	7	8	-1	1.0210	1.0255	0.0044	0.9996	0.9996	0.0000
2024-03-18T11:54:18	1	0	48	44	4	1.0578	1.0580	0.0002	0.9922	0.9921	0.0001
2024-03-18T11:54:35	4	0	69	69	0	0.9748	0.9749	0.0001	0.969	0.9692	-0.0002
2024-03-18T11:55:02	1	0	3	3	0	1.0276	1.0276	0.0000	0.9552	0.9554	-0.0002
2024-03-18T11:56:40	2	0	28	26	2	1.0540	1.0541	0.0001	0.9996	0.9996	0.0000
2024-03-18T11:58:13	7	0	631	636	-5	1.0673	1.0671	-0.0002	-0.9992	-0.9992	0.0000
2024-03-18T12:01:01	2	0	2	2	0	1.0139	1.0133	-0.0006	0.993	0.9929	0.0001
2024-03-18T12:01:29	2	0	3	2	1	1.0490	1.0455	-0.0035	-0.9989	-0.9989	0.0000
2024-03-18T12:02:00	2	0	1	0	1	1.0574	null	null	-0.9992	-0.9992	0.0000
2024-03-18T12:03:46	1	0	1	1	0	1.0621	1.0563	-0.0058	0.9748	0.9749	-0.0001
2024-03-18T12:04:18	7	0	7	8	-1	1.0548	1.0550	0.0002	0.9963	0.9964	-0.0001
2024-03-18T12:05:00	1	0	20	19	1	1.0519	1.0512	-0.0007	0.989	0.989	0.0000
2024-03-18T12:05:27	3	0	14	15	-1	0.9447	0.9522	0.0074	0.8942	0.8946	-0.0004
2024-03-18T12:05:54	1	0	15	14	1	1.0426	1.0417	-0.0009	0.9932	0.9932	0.0000
2024-03-18T12:06:50	2	0	6	6	0	1.0546	1.0544	-0.0002	-0.9969	-0.9969	0.0000
2024-03-18T12:07:01	2	0	4	4	0	1.0530	1.0530	0.0000	-0.9999	-0.9999	0.0000
2024-03-18T12:08:13	1	0	35	34	1	0.9755	0.9731	-0.0024	-0.9988	-0.9988	0.0000
2024-03-18T12:09:36	5	0	115	115	0	0.9914	0.9914	0.0000	0.9698	0.9699	-0.0001
2024-03-18T12:10:10	2	0	19	18	1	1.0471	1.0466	-0.0005	0.9948	0.9947	0.0001
2024-03-18T12:11:18	2	0	4	4	0	1.0274	1.0268	-0.0007	0.9691	0.969	0.0001
2024-03-18T12:11:45	2	0	22	21	1	1.0538	1.0535	-0.0003	0.9994	0.9994	0.0000
2024-03-18T12:14:33	1	0	41	40	1	1.0489	1.0487	-0.0002	-0.9958	-0.9958	0.0000
2024-03-18T12:16:34	1	0	12	11	1	1.0476	1.0466	-0.0010	-0.9984	-0.9985	0.0001
2024-03-18T12:17:04	1	0	1	1	0	1.0374	1.0370	-0.0004	0.9954	0.9953	0.0001
2024-03-18T12:17:31	1	0	11	10	1	1.0246	1.0328	0.0082	0.9798	0.9798	0.0000
2024-03-18T12:20:33	2	0	9	10	-1	1.0531	1.0536	0.0005	-0.8542	-0.8537	-0.0005
2024-03-18T12:21:51	1	0	6	6	0	1.0543	1.0541	-0.0003	-0.9982	-0.9982	0.0000
2024-03-18T12:23:14	1	0	46	46	0	0.9962	0.9962	-0.0001	-0.9976	-0.9976	0.0000
2024-03-18T12:34:12	1	0	439	281	158	1.0678	1.0662	-0.0017	0.9856	0.9815	0.0041
2024-03-18T12:35:04	1	0	15	14	1	1.0541	1.0540	-0.0002	0.9825	0.9825	0.0000
2024-03-18T12:36:03	2	0	10	9	1	1.0502	1.0494	-0.0008	0.9966	0.9967	-0.0001
2024-03-18T12:46:41	1	0	17	17	0	1.0488	1.0486	-0.0003	-0.998	-0.9981	0.0001
2024-03-18T12:46:42	2	0	130	130	0	1.0688	1.0686	-0.0002	-0.9923	-0.9923	0.0000
2024-03-18T12:51:28	1	0	2	2	0	1.0745	1.0715	-0.0030	-0.9842	-0.9852	0.0010
2024-03-18T12:54:39	4	0	92	92	0	1.0049	1.0049	0.0000	0.9708	0.9709	-0.0001
2024-03-18T13:01:45	1	0	15	15	0	1.0468	1.0467	-0.0001	-0.9985	-0.9986	0.0001
2024-03-18T13:05:11	1	0	10	10	0	1.0488	1.0488	0.0000	0.984	0.984	0.0000
2024-03-18T13:26:12	1	0	2	2	0	1.0310	1.0310	0.0000	0.9928	0.9928	0.0000
2024-03-18T13:33:22	1	0	3	3	0	1.0535	1.0535	0.0000	0.9764	0.9765	-0.0001
2024-03-18T13:35:42	1	0	3	4	-1	1.0498	1.0438	-0.0059	0.9737	0.9738	-0.0001
2024-03-18T13:36:56	1	0	12	12	0	1.0037	1.0034	-0.0002	-1	-1	0.0000
2024-03-18T13:44:09	1	0	1	2	-1	1.0344	1.0399	0.0055	-0.993	-0.9929	-0.0001
2024-03-18T13:46:08	1	0	2	2	0	1.0141	1.0134	-0.0006	0.9922	0.9921	0.0001

2024-03-18T13:46:46	2	0	119	119	0	1.0673	1.0671	-0.0002	-0.9954	-0.9955	0.0001
2024-03-18T13:51:01	1	0	12	12	0	1.0378	1.0378	0.0000	0.9918	0.9917	0.0001
2024-03-18T13:51:57	1	0	13	13	0	1.0139	1.0136	-0.0003	-1	-1	0.0000
2024-03-18T13:57:22	1	0	45	40	5	1.0554	1.0552	-0.0003	0.9998	0.9998	0.0000
2024-03-18T14:01:23	1	0	26	26	0	1.0512	1.0512	0.0000	0.9602	0.96	0.0002
2024-03-18T14:01:34	4	0	3	3	0	1.0262	1.0257	-0.0006	0.9649	0.9645	0.0004
2024-03-18T14:02:12	1	0	1	1	0	1.0414	1.0410	-0.0004	0.9984	0.9984	0.0000
2024-03-18T14:03:08	1	0	7	8	-1	1.0483	1.0480	-0.0003	0.9966	0.9967	-0.0001
2024-03-18T14:05:20	2	0	12	12	0	1.0489	1.0478	-0.0011	0.9828	0.9824	0.0004
2024-03-18T14:05:31	3	0	4	5	-1	0.9657	0.9614	-0.0043	0.9341	0.9337	0.0004
2024-03-18T14:05:35	5	0	14	13	1	0.9841	0.9869	0.0028	0.9057	0.9054	0.0003
2024-03-18T14:06:02	1	0	20	20	0	1.0439	1.0439	0.0000	0.9921	0.992	0.0001
2024-03-18T14:06:58	2	0	8	8	0	1.0577	1.0570	-0.0007	-0.9975	-0.9975	0.0000
2024-03-18T14:07:09	2	0	5	5	0	1.0492	1.0491	-0.0002	-0.9995	-0.9996	0.0001
2024-03-18T14:08:19	2	0	10	10	0	1.0481	1.0480	-0.0001	0.9999	0.9999	0.0000
2024-03-18T14:09:29	6	0	185	183	2	1.0574	1.0575	0.0000	-0.9622	-0.9621	-0.0001
2024-03-18T14:09:44	1	0	63	62	1	0.9957	0.9933	-0.0023	0.9705	0.9705	0.0000
2024-03-18T14:11:11	4	0	5	6	-1	0.9663	0.9622	-0.0041	-0.998	-0.9981	0.0001
2024-03-18T14:13:34	2	0	3	3	0	1.0205	1.0205	0.0000	1	1	0.0000
2024-03-18T14:13:38	9	0	664	657	7	1.0667	1.0666	-0.0001	-0.9991	-0.9993	0.0002
2024-03-18T14:14:26	3	0	7	8	-1	1.0555	1.0555	0.0000	-0.9945	-0.9944	-0.0001
2024-03-18T14:15:39	2	0	3	3	0	0.9612	0.9609	-0.0003	0.973	0.9728	0.0002
2024-03-18T14:15:49	1	0	4	3	1	1.0407	1.0354	-0.0052	1	1	0.0000
2024-03-18T14:16:13	1	0	2	2	0	0.9715	0.9719	0.0003	0.9915	0.9916	-0.0001
2024-03-18T14:16:24	1	0	26	26	0	1.0512	1.0512	0.0000	0.9618	0.9616	0.0002
2024-03-18T14:17:27	1	0	2	3	-1	1.0299	1.0267	-0.0032	0.9943	0.9942	0.0001
2024-03-18T14:17:56	1	0	807	807	0	1.0776	1.0776	0.0000	-0.9992	-0.9992	0.0000
2024-03-18T14:18:18	3	0	64	63	1	1.0538	1.0537	0.0000	0.9822	0.9821	0.0001
2024-03-18T14:18:55	2	0	1	1	0	1.0599	1.0588	-0.0011	0.9604	0.9602	0.0002
2024-03-18T14:19:23	2	0	73	73	0	1.0620	1.0617	-0.0003	0.9815	0.9812	0.0003
2024-03-18T14:19:27	7	0	29	24	5	1.0536	1.0539	0.0003	0.9977	0.9976	0.0001
2024-03-18T14:20:18	4	0	12	11	1	1.0470	1.0470	0.0001	0.985	0.9844	0.0006
2024-03-18T14:20:26	1	0	28	23	5	1.0585	1.0584	0.0000	0.9842	0.984	0.0002
2024-03-18T14:20:30	2	0	17	17	0	1.0520	1.0518	-0.0001	0.9959	0.9954	0.0005
2024-03-18T14:20:36	6	0	34	29	5	1.0534	1.0536	0.0002	0.9244	0.9238	0.0006
2024-03-18T14:20:51	1	0	7	7	0	1.0417	1.0416	-0.0001	0.9834	0.9833	0.0001
2024-03-18T14:20:54	1	0	6	6	0	1.0392	1.0391	-0.0001	1	1	0.0000
2024-03-18T14:21:03	1	0	20	19	1	1.0428	1.0427	-0.0001	0.9936	0.9935	0.0001
2024-03-18T14:21:36	1	0	2	2	0	1.0665	1.0659	-0.0006	-0.7178	-0.7068	-0.0110
2024-03-18T14:21:59	2	0	9	9	0	1.0592	1.0583	-0.0009	-0.9968	-0.9969	0.0001
2024-03-18T14:23:24	1	0	55	54	1	0.9639	0.9622	-0.0017	-0.9968	-0.9968	0.0000
2024-03-18T14:23:25	2	0	2	2	0	1.0583	1.0580	-0.0002	0.9997	0.9997	0.0000
2024-03-18T14:24:42	2	0	161	160	1	1.0569	1.0569	0.0000	-0.966	-0.9659	-0.0001
2024-03-18T14:24:45	7	0	89	88	1	1.0081	1.0081	0.0000	0.9708	0.9704	0.0004
2024-03-18T14:24:49	3	0	4	5	-1	1.0500	1.0491	-0.0009	0.9883	0.9884	-0.0001
2024-03-18T14:27:37	1	0	35	32	3	1.0548	1.0545	-0.0003	1	1	0.0000
2024-03-18T14:28:35	2	0	19	19	0	0.9403	0.9405	0.0001	0.9992	0.9992	0.0000
2024-03-18T14:28:39	10	0	725	721	4	1.0681	1.0680	-0.0001	-0.9986	-0.9987	0.0001
2024-03-18T14:29:12	1	0	3	3	0	1.0459	1.0457	-0.0001	-0.9921	-0.992	-0.0001
2024-03-18T14:29:27	4	0	8	8	0	1.0505	1.0504	-0.0001	-0.995	-0.9951	0.0001
2024-03-18T14:31:14	1	0	2	2	0	1.0130	1.0121	-0.0010	0.9922	0.992	0.0002
2024-03-18T14:31:25	1	0	26	26	0	1.0518	1.0518	0.0000	0.9639	0.9638	0.0001
2024-03-18T14:31:49	2	0	11	11	0	1.0521	1.0518	-0.0003	0.9964	0.9963	0.0001
2024-03-18T14:32:44	2	0	2	2	0	1.0604	1.0602	-0.0001	0.995	0.995	0.0000
2024-03-18T14:33:02	1	0	813	813	0	1.0743	1.0743	0.0000	-0.9996	-0.9996	0.0000
2024-03-18T14:33:10	1	0	20	20	0	1.0496	1.0495	-0.0001	0.997	0.9971	-0.0001
2024-03-18T14:33:24	3	0	74	72	2	1.0545	1.0544	-0.0001	0.9821	0.982	0.0001
2024-03-18T14:33:56	2	0	1	1	0	1.0564	1.0560	-0.0004	0.9632	0.9632	0.0000
2024-03-18T14:34:28	2	0	98	98	0	1.0644	1.0643	-0.0002	0.9813	0.9811	0.0002
2024-03-18T14:34:28	4	0	60	58	2	1.0557	1.0555	-0.0001	0.9978	0.9978	0.0000
2024-03-18T14:34:52	2	0	1	1	0	1.0245	1.0240	-0.0005	0.983	0.9826	0.0004
2024-03-18T14:35:19	5	0	16	15	1	1.0484	1.0485	0.0001	0.9851	0.985	0.0001
2024-03-18T14:35:32	2	0	16	16	0	1.0522	1.0521	-0.0001	0.9961	0.9956	0.0005
2024-03-18T14:35:33	2	0	9	9	0	0.9620	0.9621	0.0000	0.9322	0.9321	0.0001
2024-03-18T14:35:35	2	0	18	15	3	1.0552	1.0537	-0.0015	0.9836	0.9832	0.0004
2024-03-18T14:35:37	5	0	21	21	0	0.9908	0.9906	-0.0002	0.9102	0.9097	0.0005
2024-03-18T14:35:52	1	0	6	6	0	1.0418	1.0418	0.0000	0.9789	0.9788	0.0001
2024-03-18T14:36:04	1	0	17	17	0	1.0416	1.0416	0.0000	0.999	0.999	0.0000
2024-03-18T14:36:05	2	0	23	23	0	1.0494	1.0493	0.0000	-0.9981	-0.9982	0.0001
2024-03-18T14:36:10	1	0	57	57	0	1.0542	1.0542	0.0000	-0.9988	-0.9988	0.0000
2024-03-18T14:36:14	2	0	109	108	1	0.9237	0.9240	0.0003	0.8059	0.8071	-0.0012
2024-03-18T14:36:39	1	0	2	2	0	1.0638	1.0634	-0.0004	-0.2458	-0.2424	-0.0034
2024-03-18T14:37:00	2	0	8	8	0	1.0585	1.0575	-0.0010	-0.9993	-0.9994	0.0001
2024-03-18T14:38:17	2	0	23	22	1	1.0510	1.0507	-0.0003	0.9732	0.973	0.0002
2024-03-18T14:38:25	1	0	33	32	1	0.9836	0.9812	-0.0023	-0.9962	-0.9962	0.0000
2024-03-18T14:38:26	2	0	9	9	0	1.0550	1.0549	-0.0001	0.9996	0.9996	0.0000
2024-03-18T14:39:42	1	0	156	156	0	1.0566	1.0566	0.0000	-0.9645	-0.9643	-0.0002
2024-03-18T14:39:50	3	0	6	6	0	1.0484	1.0484	-0.0001	0.9909	0.9908	0.0001
2024-03-18T14:39:57	7	0	98	91	7	1.0042	1.0037	-0.0006	0.9708	0.9706	0.0002
2024-03-18T14:40:08	1	0	70	70	0	0.9443	0.9443	0.0000	0.9946	0.9946	0.0000
2024-03-18T14:40:13	1	0	4	4	0	1.0337	1.0337	0.0000	0.9591	0.9591	0.0000
2024-03-18T14:41:01	1	0	3	3	0	1.0513	1.0512	-0.0001	0.9761	0.976	0.0001
2024-03-18T14:41:13	1	0	2	2	0	0.9477	0.9478	0.0001	-0.9967	-0.9966	-0.0001
2024-03-18T14:41:21	1	0	5	5	0	1.0246	1.0243	-0.0003	0.9819	0.9818	0.0001
2024-03-18T14:42:44	3	0	48	47	1	1.0552	1.0553	0.0001	1	0.9999	0.0001

2024-03-18T14:43:36	2	0	6	6	0	0.9806	0.9806	0.0000	-1	-1	0.0000
2024-03-18T14:43:40	6	0	730	727	3	1.0664	1.0665	0.0001	-0.9988	-0.9989	0.0001
2024-03-18T14:44:13	1	0	2	2	0	1.0457	1.0457	0.0000	-0.9923	-0.9923	0.0000
2024-03-18T14:44:28	4	0	7	7	0	1.0538	1.0538	0.0000	-0.9959	-0.996	0.0001
2024-03-18T14:44:43	1	0	42	42	0	1.0485	1.0485	0.0000	-0.994	-0.994	0.0000
2024-03-18T14:46:00	1	0	2	2	0	1.0339	1.0336	-0.0003	0.9993	0.9992	0.0001
2024-03-18T14:46:15	2	0	1	1	0	0.9638	0.9656	0.0018	0.9917	0.9919	-0.0002
2024-03-18T14:46:38	2	0	2	1	1	1.0249	1.0226	-0.0022	0.9691	0.9687	0.0004
2024-03-18T14:49:53	2	0	1	1	0	1.0280	1.0274	-0.0006	0.9842	0.9838	0.0004
2024-03-18T14:50:38	1	0	20	20	0	0.9933	0.9932	-0.0001	0.9102	0.9099	0.0003
2024-03-18T14:50:43	2	0	6	5	1	1.0536	1.0525	-0.0011	-0.8561	-0.8569	0.0008
2024-03-18T14:51:21	2	0	1	0	1	1.0557	null	null	0.991	0.9904	0.0006
2024-03-18T14:53:21	2	0	24	24	0	1.0520	1.0518	-0.0002	0.9733	0.973	0.0003
2024-03-18T14:54:43	5	0	251	239	12	1.0598	1.0597	-0.0001	-0.9613	-0.9614	0.0001
2024-03-18T14:57:56	1	0	4	4	0	1.0045	1.0044	-0.0001	0.9738	0.9736	0.0002
2024-03-18T14:58:50	1	0	1	1	0	1.0279	1.0275	-0.0004	0.997	0.997	0.0000
2024-03-18T14:59:44	2	0	55	53	2	1.0509	1.0506	-0.0003	-0.9929	-0.993	0.0001
2024-03-18T15:04:19	2	0	1	1	0	1.0141	1.0135	-0.0006	0.9781	0.9778	0.0003
2024-03-18T15:05:14	1	0	2	2	0	1.0447	1.0447	0.0000	0.9643	0.9643	0.0000
2024-03-18T15:05:39	1	0	24	23	1	0.9879	0.9857	-0.0023	0.9068	0.9065	0.0003
2024-03-18T15:06:06	1	0	29	29	0	1.0467	1.0467	0.0000	0.9935	0.9934	0.0001
2024-03-18T15:08:25	1	0	20	20	0	1.0499	1.0498	-0.0001	0.9707	0.9706	0.0001
2024-03-18T15:13:49	1	0	672	670	2	1.0699	1.0699	0.0000	0.9978	0.9978	0.0000
2024-03-18T15:14:07	1	0	23	23	0	1.0496	1.0495	-0.0001	0.9982	0.9982	0.0000
2024-03-18T15:15:43	4	0	3	3	0	0.9846	0.9841	-0.0006	0.9804	0.9802	0.0002
2024-03-18T15:20:40	1	0	20	20	0	0.9872	0.9871	-0.0001	0.9071	0.9068	0.0003
2024-03-18T15:21:01	1	0	11	11	0	1.0408	1.0407	-0.0001	0.9833	0.9832	0.0001
2024-03-18T15:22:03	3	0	11	11	0	1.0489	1.0483	-0.0006	-0.9996	-0.9997	0.0001
2024-03-18T15:23:36	1	0	36	35	1	1.0469	1.0465	-0.0004	-0.9961	-0.9961	0.0000
2024-03-18T15:26:20	3	0	3	4	-1	0.9766	0.9683	-0.0083	-0.9938	-0.9939	0.0001
2024-03-18T15:31:41	2	0	4	4	0	1.0231	1.0230	-0.0001	0.9678	0.9676	0.0002
2024-03-18T15:35:41	1	0	13	12	1	1.0502	1.0518	0.0016	0.9209	0.9206	0.0003
2024-03-18T15:36:27	1	0	223	223	0	0.8951	0.8953	0.0001	0.8153	0.8155	-0.0002
2024-03-18T15:37:04	1	0	9	9	0	1.0524	1.0518	-0.0006	-1	-1	0.0000
2024-03-18T15:38:37	1	0	14	13	1	1.0348	1.0331	-0.0017	-0.9979	-0.9979	0.0000
2024-03-18T15:41:27	1	0	1	0	1	1.0347	null	null	0.9967	0.9967	0.0000
2024-03-18T15:45:03	1	0	14	14	0	1.0469	1.0469	0.0000	-0.9929	-0.9929	0.0000
2024-03-18T15:46:52	1	0	1	1	0	1.0374	1.0368	-0.0006	0.9977	0.9977	0.0000
2024-03-18T15:52:05	1	0	10	10	0	1.0412	1.0407	-0.0005	-0.9998	-0.9998	0.0000
2024-03-18T16:02:46	2	0	4	4	0	1.0267	1.0264	-0.0003	0.9859	0.9858	0.0001
2024-03-18T16:07:06	1	0	16	16	0	1.0002	0.9999	-0.0003	1	1	0.0000
2024-03-18T16:21:56	1	0	5	4	1	1.0479	1.0484	0.0004	-0.9742	-0.9748	0.0006
2024-03-18T16:22:07	1	0	14	13	1	0.9849	0.9793	-0.0056	-0.9999	-0.9999	0.0000
2024-03-18T16:26:24	2	0	30	30	0	0.9490	0.9490	0.0000	-0.9955	-0.9954	-0.0001
2024-03-18T16:36:03	3	0	12	12	0	1.0418	1.0418	0.0000	0.9998	0.9998	0.0000
2024-03-18T16:37:08	1	0	12	12	0	0.9842	0.9841	-0.0001	-0.9995	-0.9995	0.0000
2024-03-18T16:52:11	1	0	16	16	0	0.9702	0.9702	-0.0001	-0.9999	-0.9999	0.0000
2024-03-18T16:53:51	1	0	1	1	0	0.9423	0.9427	0.0004	0.9779	0.9775	0.0004
2024-03-18T17:07:32	2	0	4	4	0	0.9563	0.9572	0.0009	0.9926	0.9928	-0.0002
2024-03-19T07:50:07	1	0	229	229	0	0.9312	0.9312	0.0001	0.9471	0.9471	0.0000
2024-03-19T07:52:05	1	0	207	207	0	0.8997	0.8997	0.0000	0.968	0.9679	0.0001
2024-03-19T07:56:26	1	0	41	41	0	0.9509	0.9510	0.0001	0.9982	0.9982	0.0000
2024-03-19T08:05:31	8	0	680	679	1	0.8502	0.8503	0.0001	0.7857	0.7864	-0.0007
2024-03-19T08:09:41	1	0	160	160	0	0.9347	0.9347	0.0001	0.9797	0.9796	0.0001
2024-03-19T08:12:48	1	0	536	536	0	1.0668	1.0668	0.0000	0.9998	0.9998	0.0000
2024-03-19T08:17:12	1	0	797	797	0	1.0821	1.0821	0.0000	0.9995	0.9995	0.0000
2024-03-19T08:25:48	1	0	43	43	0	0.9427	0.9429	0.0001	-0.9907	-0.9902	-0.0005
2024-03-19T08:36:58	1	0	1	0	1	0.9449	null	null	-0.9927	-0.9926	-0.0001
2024-03-19T08:42:52	2	0	541	540	1	1.0653	1.0652	-0.0001	1	1	0.0000
2024-03-19T08:43:53	2	0	2	2	0	1.0243	1.0238	-0.0005	-0.9989	-0.9988	-0.0001
2024-03-19T08:53:21	10	0	512	500	12	1.0626	1.0626	0.0000	-0.9779	-0.978	0.0001
2024-03-19T09:03:32	1	0	1	0	1	1.0453	null	null	-0.9782	-0.9779	-0.0003
2024-03-19T09:13:12	1	0	6	6	0	0.9845	0.9846	0.0001	0.9988	0.9988	0.0000
2024-03-19T09:17:25	1	0	802	802	0	1.0850	1.0850	0.0000	0.9999	0.9999	0.0000
2024-03-19T09:18:37	1	0	4	4	0	1.0469	1.0467	-0.0002	-0.9773	-0.977	-0.0003
2024-03-19T09:21:40	2	0	11	11	0	0.9911	0.9910	-0.0001	-0.9998	-0.9998	0.0000
2024-03-19T09:22:11	1	0	124	124	0	0.9214	0.9218	0.0004	0.9708	0.9708	0.0000
2024-03-19T09:24:31	2	0	3	3	0	1.0451	1.0448	-0.0003	0.9909	0.9906	0.0003
2024-03-19T09:24:48	2	0	107	108	-1	0.9103	0.9103	0.0000	0.9888	0.9888	0.0000
2024-03-19T09:27:48	1	0	2	2	0	1.0471	1.0469	-0.0003	-0.978	-0.978	0.0000
2024-03-19T09:29:06	1	0	4	4	0	1.0439	1.0437	-0.0002	-0.998	-0.9981	0.0001
2024-03-19T09:30:52	2	0	2	2	0	0.9992	0.9995	0.0003	0.9978	0.9979	-0.0001
2024-03-19T09:35:32	4	0	2	2	0	1.0271	1.0265	-0.0005	0.9843	0.984	0.0003
2024-03-19T09:35:40	5	0	67	65	2	1.0583	1.0582	-0.0001	1	1	0.0000
2024-03-19T09:39:49	1	0	70	70	0	0.9407	0.9405	-0.0002	0.9903	0.9902	0.0001
2024-03-19T09:44:54	1	0	44	42	2	0.9434	0.9434	0.0000	0.965	0.9643	0.0007
2024-03-19T09:45:39	1	0	1	1	0	0.9932	0.9937	0.0005	-0.9854	-0.9853	-0.0001
2024-03-19T09:45:53	2	0	3	3	0	1.0120	1.0120	0.0000	0.9979	0.9979	0.0000
2024-03-19T09:45:54	1	0	2	2	0	1.0019	1.0013	-0.0005	0.9571	0.9337	0.0234
2024-03-19T09:45:58	1	0	19	19	0	1.0435	1.0435	-0.0001	0.9829	0.9828	0.0001
2024-03-19T09:48:14	2	0	1	0	1	0.9811	null	null	0.9996	0.9997	-0.0001
2024-03-19T09:48:44	2	0	4	4	0	1.0474	1.0471	-0.0003	-0.9685	-0.9687	0.0002
2024-03-19T09:48:59	1	0	6	6	0	1.0432	1.0431	-0.0001	-0.9871	-0.9872	0.0001
2024-03-19T09:50:17	4	0	18	18	0	0.9642	0.9639	-0.0002	0.8983	0.8974	0.0009
2024-03-19T09:50:56	3	0	582	586	-4	0.8561	0.8571	0.0010	0.7996	0.7995	0.0001

2024-03-19T09:51:42	1	0	5	5	0	1.0402	1.0395	-0.0007	-0.9986	-0.9986	0.0000
2024-03-19T09:54:33	1	0	3	3	0	1.0449	1.0449	0.0000	0.9912	0.9911	0.0001
2024-03-19T09:55:14	2	0	9	9	0	0.9479	0.9482	0.0003	0.9817	0.9818	-0.0001
2024-03-19T09:55:22	1	0	42	41	1	1.0521	1.0516	-0.0004	-0.9999	-0.9999	0.0000
2024-03-19T09:58:33	1	0	1	1	0	1.0062	1.0057	-0.0005	-0.9935	-0.9934	-0.0001
2024-03-19T09:59:08	1	0	2	2	0	1.0513	1.0512	-0.0002	-0.9988	-0.9988	0.0000
2024-03-19T09:59:33	4	0	24	23	1	1.0510	1.0512	0.0002	0.9975	0.9974	0.0001
2024-03-19T10:00:40	1	0	1	0	1	0.9973	null	null	-0.98	-0.9796	-0.0004
2024-03-19T10:00:54	1	0	2	2	0	1.0043	1.0046	0.0003	0.9971	0.9971	0.0000
2024-03-19T10:01:54	1	0	1	1	0	1.0391	1.0383	-0.0008	0.9921	0.992	0.0001
2024-03-19T10:02:06	2	0	4	4	0	1.0339	1.0335	-0.0004	0.9995	0.9995	0.0000
2024-03-19T10:02:25	1	0	2	2	0	1.0321	1.0321	-0.0001	0.9822	0.9822	0.0000
2024-03-19T10:02:30	4	0	38	37	1	1.0510	1.0509	-0.0001	0.9805	0.9805	0.0000
2024-03-19T10:03:48	1	0	11	10	1	1.0463	1.0463	0.0000	-0.9732	-0.9734	0.0002
2024-03-19T10:04:08	1	0	5	5	0	1.0423	1.0417	-0.0005	0.9977	0.9976	0.0001
2024-03-19T10:05:01	1	0	5	0	5	1.0458	null	null	0.9905	0.9769	0.0136
2024-03-19T10:05:04	1	0	16	16	0	1.0519	1.0518	-0.0001	0.9921	0.9914	0.0007
2024-03-19T10:05:19	1	0	17	16	1	0.9503	0.9502	-0.0001	0.9433	0.9437	-0.0004
2024-03-19T10:05:45	1	0	11	10	1	1.0441	1.0454	0.0013	-0.9986	-0.9986	0.0000
2024-03-19T10:05:48	4	0	180	179	1	0.9289	0.9291	0.0002	0.9645	0.9647	-0.0002
2024-03-19T10:05:55	3	0	13	12	1	1.0542	1.0539	-0.0003	-0.9865	-0.9871	0.0006
2024-03-19T10:06:01	9	0	625	625	0	0.8568	0.8578	0.0010	0.7889	0.7955	-0.0066
2024-03-19T10:06:43	1	0	5	5	0	1.0498	1.0487	-0.0012	-0.9982	-0.9983	0.0001
2024-03-19T10:07:14	1	0	62	52	10	0.9299	0.9318	0.0019	0.9657	0.9648	0.0009
2024-03-19T10:08:35	4	0	63	58	5	0.9355	0.9364	0.0009	0.9903	0.9905	-0.0002
2024-03-19T10:08:36	7	0	191	186	5	1.0589	1.0588	-0.0001	-0.9785	-0.9786	0.0001
2024-03-19T10:09:34	1	0	3	3	0	1.0454	1.0448	-0.0006	0.9921	0.9916	0.0005
2024-03-19T10:09:52	5	0	65	65	0	0.9246	0.9243	-0.0003	0.99	0.9951	-0.0051
2024-03-19T10:10:16	1	0	6	5	1	0.9468	0.9480	0.0012	0.9819	0.982	-0.0001
2024-03-19T10:10:55	2	0	50	40	10	0.9430	0.9429	-0.0001	-0.9962	-0.9945	-0.0017
2024-03-19T10:11:30	2	0	15	15	0	1.0436	1.0436	0.0001	0.991	0.991	0.0000
2024-03-19T10:11:35	1	0	21	18	3	0.9743	0.9796	0.0053	0.9989	0.999	-0.0001
2024-03-19T10:13:47	1	0	13	13	0	1.0463	1.0462	-0.0001	0.9976	0.996	0.0016
2024-03-19T10:14:09	3	0	5	5	0	1.0476	1.0474	-0.0003	-0.9963	-0.9966	0.0003
2024-03-19T10:14:24	2	0	16	16	0	1.0474	1.0474	0.0000	-0.9992	-0.9992	0.0000
2024-03-19T10:14:56	1	0	68	62	6	0.9414	0.9423	0.0009	0.9656	0.9649	0.0007
2024-03-19T10:15:26	3	0	1	0	1	1.0554	null	null	0.9907	0.9907	0.0000
2024-03-19T10:17:14	4	0	22	17	5	1.0479	1.0482	0.0003	0.9985	0.9929	0.0056
2024-03-19T10:17:31	4	0	75	72	3	1.0541	1.0539	-0.0002	0.9798	0.9795	0.0003
2024-03-19T10:17:34	3	0	800	800	0	1.0866	1.0866	0.0000	0.9999	0.9999	0.0000
2024-03-19T10:20:24	2	0	4	4	0	1.0511	1.0505	-0.0006	-0.8527	-0.8534	0.0007
2024-03-19T10:20:43	8	0	59	52	7	1.0554	1.0550	-0.0004	-0.9999	-0.9999	0.0000
2024-03-19T10:23:24	4	0	4	4	0	1.0304	1.0300	-0.0004	0.9992	0.9992	0.0000
2024-03-19T10:24:53	1	0	67	66	1	0.9269	0.9240	-0.0029	0.9937	0.9927	0.0010
2024-03-19T10:28:18	1	0	1	1	0	0.9339	0.9347	0.0008	0.9994	0.9994	0.0000
2024-03-19T10:28:27	1	0	11	10	1	1.0461	1.0462	0.0001	0.9955	0.9955	0.0000
2024-03-19T10:28:53	1	0	3	3	0	1.0064	1.0063	-0.0001	0.9929	0.9928	0.0001
2024-03-19T10:30:57	1	0	1	1	0	1.0333	1.0328	-0.0005	0.9081	0.9075	0.0006
2024-03-19T10:33:58	2	0	1	1	0	1.0177	1.0172	-0.0005	0.9962	0.9962	0.0000
2024-03-19T10:34:10	1	0	14	13	1	1.0479	1.0480	0.0001	0.9995	0.9995	0.0000
2024-03-19T10:35:21	1	0	34	34	0	0.9451	0.9451	0.0000	0.9376	0.9375	0.0001
2024-03-19T10:35:34	2	0	22	21	1	0.9380	0.9379	-0.0001	0.9968	0.997	-0.0002
2024-03-19T10:35:57	1	0	13	13	0	1.0540	1.0538	-0.0002	-0.9859	-0.9866	0.0007
2024-03-19T10:40:49	1	0	23	19	4	1.0542	1.0536	-0.0006	0.9999	0.9999	0.0000
2024-03-19T10:41:32	2	0	2	2	0	1.0170	1.0174	0.0004	0.98	0.98	0.0000
2024-03-19T10:43:18	1	0	2	2	0	1.0170	1.0172	0.0003	0.955	0.9552	-0.0002
2024-03-19T10:45:40	1	0	2	2	0	1.0318	1.0317	-0.0002	-0.9899	-0.99	0.0001
2024-03-19T10:46:09	1	0	27	27	0	1.0507	1.0506	-0.0001	0.974	0.9736	0.0004
2024-03-19T10:48:44	2	0	1	1	0	1.0088	1.0071	-0.0017	0.9577	0.9571	0.0006
2024-03-19T10:49:03	1	0	10	10	0	1.0452	1.0451	0.0000	-0.9854	-0.9855	0.0001
2024-03-19T10:49:06	2	0	28	26	2	1.0635	1.0644	0.0009	0.9792	0.9787	0.0005
2024-03-19T10:50:22	1	0	102	102	0	0.9424	0.9424	0.0000	0.9377	0.9379	-0.0002
2024-03-19T10:50:37	3	0	5	5	0	1.0231	1.0225	-0.0006	0.985	0.9845	0.0005
2024-03-19T10:53:01	1	0	7	8	-1	1.0471	1.0466	-0.0005	0.9716	0.9711	0.0005
2024-03-19T10:54:10	3	0	3	1	2	1.0489	1.0451	-0.0038	-0.9958	-0.9959	0.0001
2024-03-19T10:54:58	1	0	4	4	0	1.0219	1.0218	-0.0001	0.9517	0.9515	0.0002
2024-03-19T10:55:26	2	0	88	89	-1	1.0556	1.0551	-0.0005	-0.9998	-0.9999	0.0001
2024-03-19T10:55:58	3	0	6	6	0	0.9494	0.9500	0.0006	-0.9931	-0.9927	-0.0004
2024-03-19T10:55:59	1	0	1	1	0	1.0372	1.0368	-0.0004	0.9968	0.9967	0.0001
2024-03-19T10:57:54	1	0	79	79	0	1.1491	1.1472	-0.0018	-0.9998	-0.9998	0.0000
2024-03-19T10:58:50	1	0	15	16	-1	1.0472	1.0472	0.0000	0.9974	0.9974	0.0000
2024-03-19T10:59:36	1	0	18	18	0	1.0469	1.0469	0.0000	-0.999	-0.999	0.0000
2024-03-19T10:59:59	4	0	10	7	3	0.9421	0.9423	0.0002	0.9666	0.9662	0.0004
2024-03-19T11:00:29	3	0	1	0	1	1.0622	null	null	0.9903	0.9902	0.0001
2024-03-19T11:00:44	1	0	6	6	0	1.0184	1.0185	0.0001	0.9611	0.9609	0.0002
2024-03-19T11:01:22	2	0	1	0	1	1.0203	null	null	0.9698	0.9696	0.0002
2024-03-19T11:01:35	2	0	3	3	0	1.0361	1.0355	-0.0006	0.9865	0.9858	0.0007
2024-03-19T11:02:29	1	0	3	2	1	0.9947	1.0251	0.0304	0.9811	0.9811	0.0000
2024-03-19T11:02:38	7	0	62	58	4	1.0536	1.0534	-0.0002	0.9805	0.9804	0.0001
2024-03-19T11:02:56	1	0	7	7	0	1.0459	1.0457	-0.0001	0.9937	0.9936	0.0001
2024-03-19T11:04:38	3	0	1	1	0	1.0397	1.0390	-0.0007	0.9822	0.9817	0.0005
2024-03-19T11:04:42	2	0	4	4	0	1.0403	1.0398	-0.0005	0.9969	0.9968	0.0001
2024-03-19T11:05:27	1	0	6	6	0	1.0532	1.0532	-0.0001	-0.8637	-0.864	0.0003
2024-03-19T11:05:46	4	0	11	10	1	1.0490	1.0482	-0.0008	0.9948	0.9947	0.0001
2024-03-19T11:05:59	1	0	14	14	0	1.0511	1.0510	-0.0001	-0.9877	-0.9886	0.0009

2024-03-19T11:06:10	2	0	2	2	0	1.0644	1.0634	-0.0009	-0.9929	-0.9968	0.0039
2024-03-19T11:06:47	1	0	1	1	0	1.0620	1.0613	-0.0007	-0.9986	-0.9987	0.0001
2024-03-19T11:07:11	4	0	4	4	0	1.0112	1.0112	0.0000	0.9918	0.9917	0.0001
2024-03-19T11:08:40	1	0	103	102	1	1.0553	1.0553	0.0000	-0.9823	-0.9822	-0.0001
2024-03-19T11:09:56	2	0	1	1	0	1.0563	1.0555	-0.0008	0.9993	0.9992	0.0001
2024-03-19T11:10:27	1	0	36	15	21	1.0527	1.0512	-0.0016	-0.9999	0.9996	0.0005
2024-03-19T11:13:02	6	0	631	624	7	1.0689	1.0690	0.0002	-0.9999	-1	0.0001
2024-03-19T11:13:27	2	0	4	4	0	1.0369	1.0364	-0.0005	0.9908	0.9904	0.0004
2024-03-19T11:13:30	1	0	14	14	0	1.0474	1.0473	-0.0001	0.9946	0.9946	0.0000
2024-03-19T11:14:26	2	0	3	1	2	1.0519	1.0451	-0.0068	-0.9735	-0.9734	-0.0001
2024-03-19T11:15:42	1	0	2	2	0	1.0336	1.0335	-0.0001	-0.9854	-0.9854	0.0000
2024-03-19T11:17:21	4	0	24	23	1	1.0503	1.0497	-0.0006	0.9976	0.9976	0.0000
2024-03-19T11:17:22	1	0	19	18	1	1.0458	1.0453	-0.0005	0.9994	0.9994	0.0000
2024-03-19T11:17:43	2	0	100	97	3	1.0549	1.0548	-0.0001	0.9816	0.9815	0.0001
2024-03-19T11:19:13	3	0	27	26	1	1.0533	1.0535	0.0002	0.9996	0.9996	0.0000
2024-03-19T11:19:30	2	0	43	42	1	1.0496	1.0495	-0.0001	0.9949	0.9949	0.0000
2024-03-19T11:20:53	2	0	14	11	3	1.0492	1.0485	-0.0007	0.9929	0.9928	0.0001
2024-03-19T11:21:48	1	0	1	1	0	1.0673	1.0666	-0.0007	-0.9982	-0.9983	0.0001
2024-03-19T11:22:20	2	0	16	16	0	0.9367	0.9368	0.0001	0.9678	0.9681	-0.0003
2024-03-19T11:23:41	3	0	203	200	3	1.0603	1.0603	0.0000	-0.9788	-0.9789	0.0001
2024-03-19T11:25:02	1	0	1	1	0	1.0564	1.0560	-0.0004	0.9993	0.9993	0.0000
2024-03-19T11:25:18	2	0	67	67	0	0.9199	0.9201	0.0003	0.996	0.9953	0.0007
2024-03-19T11:25:28	2	0	19	18	1	1.0538	1.0536	-0.0002	-0.9999	-0.9999	0.0000
2024-03-19T11:28:11	6	0	614	614	0	1.0671	1.0673	0.0002	-0.9999	-0.9999	0.0000
2024-03-19T11:28:31	2	0	9	9	0	1.0457	1.0456	-0.0001	0.9942	0.9942	0.0000
2024-03-19T11:31:00	3	0	6	7	-1	0.9700	0.9663	-0.0037	0.9928	0.9926	0.0002
2024-03-19T11:31:01	3	0	1	3	-2	1.0155	1.0266	0.0111	0.9006	0.8993	0.0013
2024-03-19T11:31:12	1	0	19	19	0	1.0494	1.0494	0.0000	0.9734	0.9735	-0.0001
2024-03-19T11:32:30	7	0	8	10	-2	1.0486	1.0480	-0.0006	0.9977	0.9977	0.0000
2024-03-19T11:32:46	2	0	801	801	0	1.0852	1.0851	0.0000	0.9995	0.9995	0.0000
2024-03-19T11:32:49	7	0	86	84	2	1.0545	1.0545	0.0000	0.9801	0.98	0.0001
2024-03-19T11:34:28	2	0	159	158	1	1.0715	1.0714	-0.0002	0.9839	0.9836	0.0003
2024-03-19T11:35:10	3	0	13	13	0	1.0503	1.0499	-0.0004	0.9974	0.9973	0.0001
2024-03-19T11:35:19	2	0	17	16	1	1.0535	1.0533	-0.0002	0.9919	0.9916	0.0003
2024-03-19T11:35:51	2	0	5	6	-1	1.0454	1.0454	-0.0001	-0.999	-0.9989	-0.0001
2024-03-19T11:35:57	1	0	11	11	0	1.0334	1.0334	-0.0001	0.9939	0.9938	0.0001
2024-03-19T11:36:49	3	0	3	3	0	1.0075	1.0074	0.0000	-0.9996	-0.9996	0.0000
2024-03-19T11:36:59	2	0	6	6	0	1.0543	1.0542	-0.0001	-0.9973	-0.9973	0.0000
2024-03-19T11:38:33	4	0	3	3	0	1.0337	1.0336	-0.0001	0.9994	0.9994	0.0000
2024-03-19T11:40:29	3	0	83	82	1	1.0564	1.0562	-0.0003	-0.9999	-0.9999	0.0000
2024-03-19T11:41:20	1	0	18	16	2	1.0529	1.0523	-0.0006	0.9996	0.9996	0.0000
2024-03-19T11:42:10	1	0	1	0	1	1.0551	null	null	0.9986	0.9986	0.0000
2024-03-19T11:43:20	6	0	588	589	-1	1.0671	1.0671	0.0000	-1	-1	0.0000
2024-03-19T11:43:22	1	0	1	1	0	1.1035	1.1035	0.0000	0.9776	0.9775	0.0001
2024-03-19T11:44:14	1	0	1	1	0	1.0465	1.0461	-0.0004	-0.9952	-0.9953	0.0001
2024-03-19T11:45:06	3	0	4	5	-1	0.9403	0.9411	0.0008	0.9673	0.9672	0.0001
2024-03-19T11:46:04	1	0	2	2	0	1.0087	1.0083	-0.0004	0.8993	0.8982	0.0011
2024-03-19T11:46:59	2	0	1	0	1	1.0559	null	null	-0.9997	-0.9997	0.0000
2024-03-19T11:49:17	4	0	33	33	0	1.0522	1.0518	-0.0004	0.9995	0.9995	0.0000
2024-03-19T11:50:21	2	0	24	22	2	1.0546	1.0543	-0.0003	0.9945	0.9944	0.0001
2024-03-19T11:50:26	3	0	16	14	2	1.0495	1.0484	-0.0011	0.9963	0.9963	0.0000
2024-03-19T11:51:50	2	0	1	1	0	1.0727	1.0727	0.0000	-0.9989	-0.999	0.0001
2024-03-19T11:52:00	2	0	9	9	0	1.0500	1.0500	0.0000	-0.9985	-0.9985	0.0000
2024-03-19T11:55:07	1	0	15	14	1	1.0508	1.0504	-0.0003	0.9949	0.9949	0.0000
2024-03-19T11:55:10	2	0	12	11	1	1.0476	1.0468	-0.0008	0.9933	0.9932	0.0001
2024-03-19T11:55:30	3	0	108	108	0	1.0572	1.0567	-0.0005	-0.9999	-0.9999	0.0000
2024-03-19T11:56:28	2	0	28	26	2	1.0545	1.0543	-0.0002	0.9997	0.9997	0.0000
2024-03-19T11:57:11	1	0	4	4	0	1.0495	1.0494	-0.0001	-0.9974	-0.9974	0.0000
2024-03-19T11:58:23	1	0	1	1	0	1.1145	1.1145	0.0000	0.9858	0.9857	0.0001
2024-03-19T11:59:17	1	0	2	2	0	1.0462	1.0457	-0.0006	-0.9961	-0.9961	0.0000
2024-03-19T12:00:07	3	0	9	11	-2	0.9422	0.9425	0.0003	0.9674	0.9673	0.0001
2024-03-19T12:01:02	3	0	2	2	0	1.0111	1.0089	-0.0022	0.9928	0.9923	0.0005
2024-03-19T12:01:06	1	0	1	1	0	1.0169	1.0166	-0.0003	0.8967	0.8974	-0.0007
2024-03-19T12:02:52	2	0	797	797	0	1.0773	1.0773	0.0000	0.9998	0.9998	0.0000
2024-03-19T12:04:18	4	0	7	7	0	1.0512	1.0512	0.0000	0.9975	0.9976	-0.0001
2024-03-19T12:05:23	2	0	23	21	2	1.0545	1.0543	-0.0002	0.99	0.99	0.0000
2024-03-19T12:07:01	2	0	5	5	0	1.0534	1.0534	0.0000	-0.9989	-0.9989	0.0000
2024-03-19T12:08:41	1	0	4	5	-1	1.0306	1.0311	0.0005	0.9995	0.9996	-0.0001
2024-03-19T12:10:31	3	0	60	60	0	1.0551	1.0549	-0.0002	-0.9998	-0.9999	0.0001
2024-03-19T12:11:34	1	0	36	37	-1	1.0546	1.0545	-0.0001	0.9998	0.9998	0.0000
2024-03-19T12:12:12	1	0	1	0	1	1.0343	null	null	0.9924	0.9924	0.0000
2024-03-19T12:13:24	1	0	5	5	0	1.0472	1.0472	0.0000	0.9789	0.9788	0.0001
2024-03-19T12:13:34	2	0	9	9	0	1.0491	1.0491	0.0000	0.9814	0.9814	0.0000
2024-03-19T12:14:17	8	0	10	7	3	1.0513	1.0489	-0.0024	-0.994	-0.9941	0.0001
2024-03-19T12:16:08	1	0	37	37	0	1.0574	1.0574	-0.0001	-0.9927	-0.9928	0.0001
2024-03-19T12:23:42	4	0	2	3	-1	1.0348	1.0367	0.0019	0.9991	0.9991	0.0000
2024-03-19T12:25:06	2	0	10	10	0	1.0503	1.0501	-0.0002	-0.9895	-0.9895	0.0000
2024-03-19T12:25:32	2	0	199	201	-2	1.0590	1.0589	-0.0001	-0.9997	-0.9997	0.0000
2024-03-19T12:30:31	3	0	1	0	1	1.0106	null	null	0.9606	0.9604	0.0002
2024-03-19T12:31:11	3	0	2	2	0	1.0384	1.0365	-0.0018	0.9747	0.9525	0.0222
2024-03-19T12:32:39	7	0	6	8	-2	1.0494	1.0502	0.0009	0.9993	0.9994	-0.0001
2024-03-19T12:40:36	1	0	151	151	0	1.0586	1.0585	-0.0001	-0.9964	-0.9965	0.0001
2024-03-19T12:41:12	4	0	5	5	0	0.9804	0.9802	-0.0001	-0.992	-0.9921	0.0001
2024-03-19T12:48:18	1	0	6	6	0	1.0555	1.0551	-0.0004	0.9791	0.9791	0.0000
2024-03-19T12:50:27	1	0	19	19	0	1.0532	1.0531	-0.0001	0.983	0.9832	-0.0002

2024-03-19T12:50:56	2	0	6	7	-1	1.0459	1.0459	0.0000	-0.9987	-0.9987	0.0000
2024-03-19T12:58:37	1	0	9	9	0	1.0497	1.0497	0.0000	0.9821	0.9821	0.0000
2024-03-19T12:59:25	1	0	1	1	0	1.0452	1.0452	0.0000	-0.9934	-0.9934	0.0000
2024-03-19T13:00:11	3	0	3	3	0	0.9411	0.9415	0.0004	0.9687	0.9689	-0.0002
2024-03-19T13:01:14	1	0	2	2	0	1.0265	1.0251	-0.0014	0.8994	0.9	-0.0006
2024-03-19T13:02:04	2	0	1	0	1	1.0574	null	null	-0.9992	-0.9992	0.0000
2024-03-19T13:03:29	2	0	1	1	0	0.9829	0.9835	0.0006	0.9998	0.9998	0.0000
2024-03-19T13:23:03	2	0	143	142	1	0.9327	0.9328	0.0001	0.9296	0.9296	0.0000
2024-03-19T13:25:39	7	0	402	392	10	1.0631	1.0630	-0.0002	-0.9866	-0.9867	0.0001
2024-03-19T13:26:17	1	0	3	3	0	0.9769	0.9768	-0.0001	-0.993	-0.9927	-0.0003
2024-03-19T13:27:26	1	0	4	3	1	1.0506	1.0474	-0.0031	0.9665	0.9667	-0.0002
2024-03-19T13:29:31	2	0	2	2	0	1.0293	1.0284	-0.0010	-0.9934	-0.9936	0.0002
2024-03-19T13:31:19	3	0	9	9	0	1.0476	1.0472	-0.0003	0.9756	0.9755	0.0001
2024-03-19T13:31:36	2	0	23	22	1	1.0482	1.0478	-0.0003	-0.9934	-0.9937	0.0003
2024-03-19T13:32:47	2	0	36	34	2	1.0540	1.0535	-0.0005	0.9992	0.9992	0.0000
2024-03-19T13:33:02	3	0	41	37	4	1.0538	1.0539	0.0001	-0.9993	-0.9987	-0.0006
2024-03-19T13:34:39	1	0	26	25	1	1.0498	1.0495	-0.0003	0.9883	0.9883	0.0000
2024-03-19T13:37:06	3	0	15	15	0	0.9202	0.9208	0.0006	0.9215	0.9226	-0.0011
2024-03-19T13:38:04	1	0	158	158	0	0.9303	0.9304	0.0001	0.9289	0.9289	0.0000
2024-03-19T13:40:44	1	0	94	97	-3	1.0555	1.0557	0.0002	-0.9943	-0.9978	0.0035
2024-03-19T13:41:18	1	0	1	1	0	0.9587	0.9591	0.0004	-0.9836	-0.9875	0.0039
2024-03-19T13:44:55	1	0	38	37	1	1.0485	1.0483	-0.0002	-0.9963	-0.9965	0.0002
2024-03-19T13:46:09	3	0	2	2	0	1.0141	1.0133	-0.0008	0.9934	0.9931	0.0003
2024-03-19T13:47:29	1	0	11	11	0	1.0359	1.0359	0.0000	-0.9974	-0.9974	0.0000
2024-03-19T13:48:22	1	0	11	10	1	1.0558	1.0556	-0.0003	0.9788	0.9787	0.0001
2024-03-19T13:50:49	3	0	25	24	1	1.0534	1.0531	-0.0004	0.9919	0.9918	0.0001
2024-03-19T13:51:00	2	0	10	10	0	1.0449	1.0449	-0.0001	-0.9976	-0.9976	0.0000
2024-03-19T13:51:15	2	0	1	1	0	1.0584	1.0578	-0.0006	0.9975	0.9973	0.0002
2024-03-19T13:51:18	4	0	34	30	4	1.0510	1.0502	-0.0008	0.9956	0.9954	0.0002
2024-03-19T13:51:58	2	0	5	5	0	1.0537	1.0534	-0.0004	-0.9991	-0.9991	0.0000
2024-03-19T13:55:45	2	0	236	89	147	1.0594	1.0559	-0.0035	-0.9855	-0.9923	0.0068
2024-03-19T14:00:18	2	0	1	1	0	0.9428	0.9428	0.0000	0.9692	0.9693	-0.0001
2024-03-19T14:02:06	1	0	39	38	1	1.0534	1.0534	0.0000	0.9957	0.9958	-0.0001
2024-03-19T14:03:18	2	0	794	794	0	1.0742	1.0742	0.0000	-0.9999	-0.9999	0.0000
2024-03-19T14:05:35	5	0	27	25	2	1.0042	1.0005	-0.0037	0.9088	0.9076	0.0012
2024-03-19T14:05:36	2	0	28	24	4	1.0553	1.0550	-0.0003	0.9988	0.9985	0.0003
2024-03-19T14:05:48	3	0	10	8	2	1.0293	1.0216	-0.0077	0.9984	0.9984	0.0000
2024-03-19T14:05:59	1	0	31	28	3	1.0571	1.0559	-0.0012	0.992	0.9919	0.0001
2024-03-19T14:06:17	2	0	1	1	0	1.0583	1.0581	-0.0002	0.9965	0.9964	0.0001
2024-03-19T14:07:06	1	0	3	3	0	1.0402	1.0401	-0.0001	0.9968	0.9968	0.0000
2024-03-19T14:07:08	3	0	15	15	0	0.9214	0.9217	0.0002	0.9216	0.922	-0.0004
2024-03-19T14:07:31	3	0	8	10	-2	0.9317	0.9342	0.0024	0.9657	0.9653	0.0004
2024-03-19T14:08:06	2	0	39	39	0	0.9410	0.9411	0.0001	0.9243	0.9242	0.0001
2024-03-19T14:08:21	1	0	44	42	2	0.9961	0.9931	-0.0030	-0.9982	-0.9982	0.0000
2024-03-19T14:08:56	1	0	2	2	0	1.0324	1.0324	0.0000	0.9966	0.9967	-0.0001
2024-03-19T14:11:07	1	0	28	28	0	1.0465	1.0464	-0.0001	-0.9812	-0.9812	0.0000
2024-03-19T14:11:12	1	0	1	1	0	1.0125	1.0125	0.0000	0.9668	0.9668	0.0000
2024-03-19T14:11:21	2	0	6	6	0	1.0354	1.0352	-0.0002	0.9942	0.9941	0.0001
2024-03-19T14:12:20	1	0	1	0	1	1.0551	null	null	0.9984	0.9984	0.0000
2024-03-19T14:12:54	1	0	4	4	0	1.0053	1.0052	-0.0001	0.974	0.9739	0.0001
2024-03-19T14:13:07	2	0	1	1	0	1.0564	1.0564	0.0000	-1	-1	0.0000
2024-03-19T14:13:33	1	0	3	3	0	1.0266	1.0266	0.0000	0.9971	0.997	0.0001
2024-03-19T14:13:33	1	0	624	624	0	1.0655	1.0655	0.0000	-0.9996	-0.9997	0.0001
2024-03-19T14:13:39	2	0	284	284	0	1.0648	1.0648	0.0000	0.9893	0.9901	-0.0008
2024-03-19T14:14:57	1	0	54	51	3	1.0518	1.0514	-0.0004	-0.9951	-0.9954	0.0003
2024-03-19T14:15:57	3	0	15	14	1	1.0434	1.0419	-0.0015	0.9547	0.9546	0.0001
2024-03-19T14:15:58	1	0	1	0	1	1.0553	null	null	0.9991	0.9991	0.0000
2024-03-19T14:15:59	1	0	1	1	0	1.0364	1.0364	0.0000	-0.9771	-0.977	-0.0001
2024-03-19T14:16:11	3	0	3	3	0	0.9988	0.9986	-0.0002	0.9931	0.9931	0.0000
2024-03-19T14:16:22	3	0	8	8	0	1.0509	1.0503	-0.0007	0.9756	0.9754	0.0002
2024-03-19T14:17:09	2	0	1	0	1	1.0556	null	null	-0.999	-0.9991	0.0001
2024-03-19T14:17:57	5	0	31	31	0	1.0521	1.0513	-0.0008	0.9995	0.9995	0.0000
2024-03-19T14:18:23	2	0	791	791	0	1.0741	1.0740	0.0000	-0.9998	-0.9998	0.0000
2024-03-19T14:18:29	2	0	12	12	0	1.0541	1.0537	-0.0005	0.979	0.9787	0.0003
2024-03-19T14:18:48	8	0	295	289	6	1.0613	1.0610	-0.0003	0.993	0.9928	0.0002
2024-03-19T14:19:27	4	0	52	51	1	1.0551	1.0551	0.0000	0.9966	0.9966	0.0000
2024-03-19T14:20:36	5	0	17	15	2	1.0440	1.0434	-0.0006	0.9114	0.9108	0.0006
2024-03-19T14:20:38	2	0	22	21	1	1.0539	1.0535	-0.0004	0.996	0.9955	0.0005
2024-03-19T14:20:49	2	0	23	21	2	1.0509	1.0501	-0.0008	-1	-1	0.0000
2024-03-19T14:21:06	4	0	17	16	1	1.0454	1.0462	0.0008	-0.9972	-0.9972	0.0000
2024-03-19T14:21:10	1	0	40	38	2	1.0575	1.0566	-0.0009	0.9901	0.9901	0.0000
2024-03-19T14:21:18	2	0	1	1	0	1.0584	1.0582	-0.0002	0.9979	0.9978	0.0001
2024-03-19T14:21:29	2	0	2	2	0	1.0659	1.0658	-0.0001	-0.7133	-0.7125	-0.0008
2024-03-19T14:21:43	10	0	255	257	-2	0.9073	0.9032	-0.0041	0.8063	0.8146	-0.0083
2024-03-19T14:22:00	2	0	5	5	0	1.0530	1.0519	-0.0011	-0.999	-0.9991	0.0001
2024-03-19T14:22:10	2	0	4	4	0	1.0520	1.0518	-0.0002	-0.9999	-0.9999	0.0000
2024-03-19T14:22:24	2	0	6	6	0	1.0569	1.0566	-0.0003	0.9928	0.9927	0.0001
2024-03-19T14:22:49	3	0	1	1	0	1.0365	1.0356	-0.0009	-0.9966	-0.9967	0.0001
2024-03-19T14:24:05	10	0	209	198	11	1.0590	1.0589	-0.0001	-0.9709	-0.9711	0.0002
2024-03-19T14:24:47	8	0	69	68	1	0.9993	0.9984	-0.0009	0.9677	0.9671	0.0006
2024-03-19T14:24:51	2	0	6	7	-1	1.0493	1.0489	-0.0005	0.9807	0.9808	-0.0001
2024-03-19T14:25:30	13	0	155	156	-1	1.0279	1.0241	-0.0038	0.9979	0.9978	0.0001
2024-03-19T14:25:30	1	0	46	45	1	1.0504	1.0502	-0.0002	0.9964	0.9964	0.0000
2024-03-19T14:26:04	1	0	1	1	0	1.0095	1.0086	-0.0009	-0.9981	-0.998	-0.0001
2024-03-19T14:26:08	1	0	26	26	0	1.0499	1.0499	0.0000	-0.9782	-0.9782	0.0000

2024-03-19T14:26:22	2	0	5	5	0	1.0324	1.0324	-0.0001	0.9944	0.9944	0.0000
2024-03-19T14:27:31	1	0	46	41	5	1.0549	1.0546	-0.0003	1	0.9999	0.0001
2024-03-19T14:27:55	1	0	4	4	0	1.0210	1.0210	0.0000	0.9705	0.9704	0.0001
2024-03-19T14:28:19	5	0	75	71	4	1.0503	1.0501	-0.0003	-0.9986	-0.9987	0.0001
2024-03-19T14:28:33	2	0	17	16	1	1.0518	1.0517	-0.0001	0.9937	0.9935	0.0002
2024-03-19T14:28:40	2	0	283	283	0	1.0615	1.0614	-0.0001	0.9904	0.9911	-0.0007
2024-03-19T14:28:41	7	0	629	627	2	1.0660	1.0659	-0.0001	-0.9995	-0.9995	0.0000
2024-03-19T14:29:35	2	0	5	5	0	1.0373	1.0364	-0.0009	-0.9909	-0.9911	0.0002
2024-03-19T14:30:07	2	0	148	146	2	1.0556	1.0555	-0.0001	-0.994	-0.9944	0.0004
2024-03-19T14:30:23	1	0	4	4	0	1.0408	1.0404	-0.0004	0.9836	0.9835	0.0001
2024-03-19T14:30:39	6	0	4	2	2	1.0231	1.0334	0.0103	0.9757	0.9726	0.0031
2024-03-19T14:30:43	1	0	1	1	0	1.0260	1.0252	-0.0008	0.991	0.9905	0.0005
2024-03-19T14:30:58	2	0	29	27	2	1.0497	1.0491	-0.0006	0.953	0.9529	0.0001
2024-03-19T14:30:58	2	0	12	12	0	1.0505	1.0504	-0.0002	-0.9681	-0.968	-0.0001
2024-03-19T14:30:59	1	0	4	4	0	1.0486	1.0486	0.0000	0.9978	0.9978	0.0000
2024-03-19T14:31:12	3	0	2	2	0	1.0142	1.0139	-0.0003	0.9936	0.9934	0.0002
2024-03-19T14:31:25	3	0	10	10	0	1.0456	1.0454	-0.0002	0.9728	0.9732	-0.0004
2024-03-19T14:32:58	7	0	29	28	1	1.0497	1.0495	-0.0002	0.9987	0.9986	0.0001
2024-03-19T14:33:28	2	0	797	797	0	1.0765	1.0765	0.0000	-0.9994	-0.9994	0.0000
2024-03-19T14:33:36	2	0	16	14	2	1.0555	1.0553	-0.0002	0.98	0.9799	0.0001
2024-03-19T14:34:17	1	0	1	1	0	1.0319	1.0316	-0.0003	0.9324	0.9322	0.0002
2024-03-19T14:34:43	2	0	58	57	1	1.0506	1.0505	-0.0001	0.9886	0.9885	0.0001
2024-03-19T14:34:50	1	0	410	407	3	1.0703	1.0701	-0.0002	0.9871	0.987	0.0001
2024-03-19T14:35:37	6	0	34	29	5	1.0542	1.0535	-0.0007	0.933	0.9323	0.0007
2024-03-19T14:35:37	1	0	7	7	0	0.9397	0.9398	0.0001	0.9154	0.9157	-0.0003
2024-03-19T14:35:42	2	0	28	23	5	1.0552	1.0548	-0.0004	0.9981	0.9977	0.0004
2024-03-19T14:36:16	5	0	26	25	1	1.0474	1.0474	-0.0001	-0.9956	-0.9957	0.0001
2024-03-19T14:36:21	1	0	37	35	2	1.0595	1.0588	-0.0007	0.985	0.985	0.0000
2024-03-19T14:36:34	2	0	2	2	0	1.0696	1.0693	-0.0004	-0.8874	-0.8832	-0.0042
2024-03-19T14:36:47	9	0	149	146	3	0.9213	0.9215	0.0002	0.8223	0.8233	-0.0010
2024-03-19T14:37:01	2	0	5	5	0	1.0528	1.0518	-0.0011	-0.9978	-0.9979	0.0001
2024-03-19T14:37:10	3	0	15	15	0	0.9218	0.9223	0.0005	0.9258	0.9266	-0.0008
2024-03-19T14:37:11	2	0	4	4	0	1.0517	1.0517	-0.0001	-0.9998	-0.9998	0.0000
2024-03-19T14:37:25	2	0	7	7	0	1.0573	1.0572	-0.0001	0.9933	0.9933	0.0000
2024-03-19T14:38:08	3	0	43	42	1	0.9441	0.9443	0.0002	0.9282	0.928	0.0002
2024-03-19T14:38:23	1	0	60	57	3	0.9889	0.9853	-0.0036	-0.9982	-0.9982	0.0000
2024-03-19T14:39:48	6	0	85	85	0	1.0084	1.0084	0.0000	0.969	0.9687	0.0003
2024-03-19T14:39:52	3	0	6	6	0	1.0496	1.0495	-0.0002	0.9974	0.997	0.0004
2024-03-19T14:40:31	9	0	150	150	0	0.9952	0.9950	-0.0002	0.9967	0.9956	0.0011
2024-03-19T14:41:09	1	0	27	27	0	1.0456	1.0456	0.0000	-0.979	-0.979	0.0000
2024-03-19T14:41:23	2	0	6	6	0	1.0348	1.0348	0.0000	0.9939	0.9938	0.0001
2024-03-19T14:42:39	1	0	27	26	1	1.0538	1.0535	-0.0003	0.9999	0.9999	0.0000
2024-03-19T14:43:09	1	0	79	79	0	1.0866	1.0861	-0.0005	-0.9995	1	0.0005
2024-03-19T14:43:34	1	0	3	3	0	1.0584	1.0584	0.0000	0.9673	0.9672	0.0001
2024-03-19T14:43:41	2	0	280	280	0	1.0613	1.0612	-0.0001	0.9892	0.9898	-0.0006
2024-03-19T14:43:48	2	0	2	2	0	1.0282	1.0275	-0.0008	0.997	0.9968	0.0002
2024-03-19T14:43:51	7	0	631	629	2	1.0656	1.0657	0.0001	-0.9996	-0.9996	0.0000
2024-03-19T14:44:36	1	0	1	1	0	1.0458	1.0454	-0.0004	-0.9912	-0.9913	0.0001
2024-03-19T14:45:17	2	0	51	50	1	1.0503	1.0501	-0.0001	-0.9937	-0.994	0.0003
2024-03-19T14:45:40	6	0	3	3	0	0.9918	0.9916	-0.0002	0.9681	0.9679	0.0002
2024-03-19T14:46:08	1	0	2	2	0	1.0346	1.0344	-0.0002	-0.9749	-0.9749	0.0000
2024-03-19T14:46:28	1	0	7	7	0	1.0370	1.0369	-0.0001	0.9713	0.9721	-0.0008
2024-03-19T14:47:33	1	0	8	8	0	1.0360	1.0360	-0.0001	-0.9996	-0.9996	0.0000
2024-03-19T14:49:41	1	0	38	37	1	1.0519	1.0518	-0.0001	-0.978	-0.9729	-0.0051
2024-03-19T14:49:56	1	0	63	63	0	1.0591	1.0589	-0.0001	0.985	0.9849	0.0001
2024-03-19T14:50:38	1	0	27	24	3	1.0507	1.0512	0.0005	0.9243	0.924	0.0003
2024-03-19T14:50:42	3	0	11	11	0	1.0525	1.0524	-0.0001	-0.7802	-0.7821	0.0019
2024-03-19T14:51:24	2	0	34	33	1	1.0486	1.0494	0.0008	-0.9951	-0.9951	0.0000
2024-03-19T14:51:52	1	0	164	165	-1	0.9210	0.9210	0.0000	0.822	0.8212	0.0008
2024-03-19T14:52:02	1	0	9	9	0	1.0041	1.0036	-0.0005	-0.9998	-0.9998	0.0000
2024-03-19T14:54:19	23	0	541	505	36	1.0622	1.0620	-0.0002	-0.9592	-0.9601	0.0009
2024-03-19T14:57:57	1	0	3	3	0	1.0110	1.0109	0.0000	0.975	0.975	0.0000
2024-03-19T14:58:35	1	0	3	3	0	1.0590	1.0590	0.0000	0.9678	0.9677	0.0001
2024-03-19T14:58:42	2	0	285	284	1	1.0638	1.0637	-0.0001	0.9901	0.9908	-0.0007
2024-03-19T14:59:37	2	0	4	5	-1	1.0382	1.0329	-0.0052	-0.9911	-0.9912	0.0001
2024-03-19T15:00:41	4	0	3	3	0	0.9897	0.9890	-0.0007	0.9737	0.9732	0.0005
2024-03-19T15:02:45	4	0	12	11	1	1.0342	1.0343	0.0001	0.982	0.9817	0.0003
2024-03-19T15:04:37	1	0	1	1	0	1.0118	1.0113	-0.0005	0.9731	0.9729	0.0002
2024-03-19T15:04:54	2	0	1	1	0	1.0369	1.0364	-0.0005	0.9555	0.9556	-0.0001
2024-03-19T15:05:39	1	0	13	12	1	0.9953	0.9901	-0.0052	0.9051	0.9048	0.0003
2024-03-19T15:07:03	1	0	13	11	2	0.9700	0.9562	-0.0138	0.9999	0.9999	0.0000
2024-03-19T15:07:52	3	0	1	1	0	1.0342	1.0340	-0.0002	-0.9957	-0.9956	-0.0001
2024-03-19T15:08:25	1	0	24	22	2	1.0299	1.0274	-0.0024	-0.9966	-0.9966	0.0000
2024-03-19T15:09:57	2	0	78	77	1	0.9847	0.9851	0.0004	0.9658	0.9656	0.0002
2024-03-19T15:13:37	1	0	1	1	0	0.9432	0.9434	0.0002	0.9876	0.9876	0.0000
2024-03-19T15:15:39	1	0	88	82	6	1.0525	1.0522	-0.0003	-0.9948	-0.9951	0.0003
2024-03-19T15:16:16	2	0	4	5	-1	1.0044	1.0150	0.0106	0.9934	0.9936	-0.0002
2024-03-19T15:17:46	1	0	13	13	0	1.0365	1.0365	0.0000	0.9826	0.9825	0.0001
2024-03-19T15:18:45	2	0	10	10	0	1.0531	1.0531	-0.0001	0.9789	0.9785	0.0004
2024-03-19T15:19:31	4	0	21	21	0	1.0515	1.0514	0.0000	0.9966	0.9965	0.0001
2024-03-19T15:20:40	1	0	21	21	0	0.9979	0.9978	-0.0001	0.9134	0.913	0.0004
2024-03-19T15:21:29	1	0	46	46	0	1.0484	1.0484	-0.0001	-0.9924	-0.9925	0.0001
2024-03-19T15:22:04	1	0	18	14	4	0.9745	0.9542	-0.0203	-0.9998	-0.9998	0.0000
2024-03-19T15:23:26	1	0	36	34	2	1.0496	1.0490	-0.0006	-0.9965	-0.9965	0.0000
2024-03-19T15:25:37	2	0	1	0	1	1.0323	null	null	0.9992	0.9992	0.0000

2024-03-19T15:26:01	1	0	3	3	0	1.0397	1.0396	-0.0001	0.9984	0.9983	0.0001
2024-03-19T15:28:23	1	0	71	69	2	1.0501	1.0499	-0.0002	-0.9988	-0.9988	0.0000
2024-03-19T15:30:39	1	0	173	172	1	1.0559	1.0559	0.0000	-0.9913	-0.9917	0.0004
2024-03-19T15:31:24	2	0	1	1	0	0.9646	0.9648	0.0002	0.9929	0.9929	0.0000
2024-03-19T15:33:57	1	0	45	44	1	1.0514	1.0510	-0.0004	0.986	0.9857	0.0003
2024-03-19T15:35:41	1	0	25	24	1	1.0525	1.0525	0.0001	0.9266	0.9263	0.0003
2024-03-19T15:36:55	2	0	593	588	5	0.8566	0.8567	0.0000	0.7528	0.7535	-0.0007
2024-03-19T15:37:05	2	0	17	17	0	0.9818	0.9816	-0.0002	-0.9991	-0.9992	0.0001
2024-03-19T15:37:37	1	0	33	30	3	0.9330	0.9333	0.0003	0.9738	0.9738	0.0000
2024-03-19T15:38:27	1	0	31	27	4	1.0508	1.0498	-0.0009	-0.9966	-0.9966	0.0000
2024-03-19T15:47:28	1	0	2	2	0	1.0355	1.0351	-0.0005	0.9973	0.9971	0.0002
2024-03-19T15:48:44	1	0	797	797	0	1.0762	1.0762	0.0000	-0.999	-0.999	0.0000
2024-03-19T15:50:42	1	0	22	21	1	0.9988	0.9966	-0.0022	0.9139	0.9137	0.0002
2024-03-19T15:52:06	1	0	26	26	0	0.9717	0.9716	-0.0002	-0.9991	-0.9991	0.0000
2024-03-19T16:01:42	2	0	1	0	1	1.0164	null	null	0.9691	0.9687	0.0004
2024-03-19T16:03:50	1	0	799	799	0	1.0751	1.0751	0.0000	-0.9989	-0.9989	0.0000
2024-03-19T16:04:05	3	0	1	0	1	0.9441	null	null	0.93	0.9297	0.0003
2024-03-19T16:05:43	1	0	14	14	0	0.9915	0.9914	-0.0001	0.9129	0.9127	0.0002
2024-03-19T16:07:07	1	0	17	17	0	0.9811	0.9809	-0.0002	-0.999	-0.999	0.0000
2024-03-19T16:10:40	2	0	1	1	0	1.0320	1.0320	0.0000	0.9986	0.9985	0.0001
2024-03-19T16:19:06	3	0	3	3	0	0.9603	0.9608	0.0005	0.9491	0.9487	0.0004
2024-03-19T16:20:44	1	0	9	9	0	1.0089	1.0088	-0.0001	0.9138	0.9136	0.0002
2024-03-19T16:22:10	3	0	3	3	0	1.0177	1.0179	0.0002	0.9821	0.9823	-0.0002
2024-03-19T16:26:29	1	0	2	2	0	0.9533	0.9536	0.0004	-0.9915	-0.9911	-0.0004
2024-03-19T16:52:10	1	0	11	11	0	0.9927	0.9925	-0.0001	-0.9993	-0.9994	0.0001
2024-03-19T16:52:32	2	0	2	0	2	0.9595	null	null	0.9927	0.9929	-0.0002
2024-03-19T17:04:09	1	0	55	54	1	0.9359	0.9361	0.0002	0.9579	0.9575	0.0004
2024-03-19T17:44:04	2	0	1	1	0	1.0079	1.0079	0.0000	-0.9899	-0.9898	-0.0001
2024-03-19T18:25:07	1	0	29	28	1	0.9509	0.9512	0.0003	0.9922	0.9923	-0.0001
2024-03-20T07:49:00	1	0	62	62	0	1.0669	1.0669	0.0000	0.9845	0.9842	0.0003
2024-03-20T07:50:15	1	0	263	262	1	0.9279	0.9280	0.0001	0.9323	0.9307	0.0016
2024-03-20T07:52:15	1	0	214	214	0	0.9015	0.9017	0.0002	0.9717	0.9716	0.0001
2024-03-20T07:52:49	1	0	226	226	0	0.9105	0.9105	0.0000	0.9367	0.9366	0.0001
2024-03-20T07:57:57	1	0	521	521	0	1.0640	1.0640	0.0000	1	1	0.0000
2024-03-20T08:05:39	8	0	713	713	0	0.8433	0.8434	0.0001	0.7808	0.7815	-0.0007
2024-03-20T08:10:57	1	0	14	14	0	0.9458	0.9459	0.0001	-0.9942	-0.9939	-0.0003
2024-03-20T08:12:58	1	0	432	432	0	1.0624	1.0624	0.0000	0.9999	0.9999	0.0000
2024-03-20T08:17:21	2	0	791	791	0	1.0727	1.0727	0.0000	1	1	0.0000
2024-03-20T08:22:51	1	0	274	274	0	0.9153	0.9153	0.0000	0.94	0.9399	0.0001
2024-03-20T08:26:38	1	0	31	29	2	0.9493	0.9497	0.0004	0.9994	0.9994	0.0000
2024-03-20T08:29:34	4	0	89	81	8	1.0554	1.0554	-0.0001	-0.9988	-0.9989	0.0001
2024-03-20T08:48:43	1	0	44	44	0	0.9387	0.9388	0.0001	0.9628	0.9628	0.0000
2024-03-20T09:03:42	1	0	17	17	0	1.0496	1.0495	-0.0001	-0.9756	-0.9756	0.0000
2024-03-20T09:06:48	1	0	26	24	2	1.0352	1.0350	-0.0002	-0.9966	-0.9966	0.0000
2024-03-20T09:07:06	6	0	7	7	0	1.0318	1.0315	-0.0003	1	1	0.0000
2024-03-20T09:11:41	1	0	11	11	0	0.9721	0.9722	0.0001	0.9995	0.9995	0.0000
2024-03-20T09:13:02	1	0	400	399	1	1.0619	1.0619	0.0000	-1	-1	0.0000
2024-03-20T09:14:29	1	0	4	4	0	1.0427	1.0427	-0.0001	-0.9981	-0.9981	0.0000
2024-03-20T09:22:07	3	0	6	6	0	1.0310	1.0307	-0.0002	-1	-1	0.0000
2024-03-20T09:22:13	1	0	96	94	2	1.0623	1.0622	-0.0001	0.9937	0.9937	0.0000
2024-03-20T09:22:36	1	0	655	655	0	0.8508	0.8508	0.0000	0.7884	0.7883	0.0001
2024-03-20T09:24:38	2	0	3	3	0	1.0475	1.0471	-0.0004	0.9927	0.9924	0.0003
2024-03-20T09:24:53	2	0	69	69	0	0.9163	0.9164	0.0001	0.9944	0.9944	0.0000
2024-03-20T09:27:59	1	0	1	1	0	1.0457	1.0454	-0.0003	-0.9755	-0.9755	0.0000
2024-03-20T09:31:01	3	0	1	1	0	0.9664	0.9671	0.0007	0.9915	0.9915	0.0000
2024-03-20T09:35:49	7	0	24	25	-1	1.0515	1.0514	-0.0002	-0.9984	-0.9985	0.0001
2024-03-20T09:43:23	1	0	33	30	3	0.9391	0.9390	-0.0001	0.9988	0.9988	0.0000
2024-03-20T09:44:15	3	0	2	2	0	1.0364	1.0358	-0.0006	-0.9992	-0.9992	0.0000
2024-03-20T09:46:02	2	0	1	1	0	0.9667	0.9667	0.0000	0.9915	0.9915	0.0000
2024-03-20T09:46:05	1	0	12	12	0	1.0371	1.0370	-0.0001	0.986	0.9859	0.0001
2024-03-20T09:46:06	4	0	5	5	0	1.0225	1.0222	-0.0003	0.9757	0.9745	0.0012
2024-03-20T09:46:41	1	0	4	4	0	1.0362	1.0363	0.0001	-0.9829	-0.9825	-0.0004
2024-03-20T09:48:02	2	0	89	83	6	1.0046	1.0045	-0.0002	0.9542	0.9541	0.0001
2024-03-20T09:49:08	1	0	2	2	0	1.0070	1.0068	-0.0002	-0.991	-0.9911	0.0001
2024-03-20T09:49:56	1	0	19	19	0	1.0507	1.0506	-0.0001	-0.9723	-0.9723	0.0000
2024-03-20T09:50:58	2	0	301	301	0	1.0841	1.0839	-0.0002	0.9991	0.999	0.0001
2024-03-20T09:51:15	1	0	10	10	0	1.0526	1.0524	-0.0002	-0.8257	-0.8269	0.0012
2024-03-20T09:52:38	1	0	667	671	-4	0.8537	0.8541	0.0004	0.7845	0.7843	0.0002
2024-03-20T09:53:32	9	0	312	285	27	1.0605	1.0604	-0.0001	-0.9704	-0.9706	0.0002
2024-03-20T09:54:18	1	0	2	2	0	1.0421	1.0419	-0.0002	0.9992	0.9992	0.0000
2024-03-20T09:54:55	2	0	66	66	0	0.9397	0.9395	-0.0002	0.996	0.9959	0.0001
2024-03-20T09:58:43	1	0	1	1	0	1.0063	1.0060	-0.0003	-0.9849	-0.9848	-0.0001
2024-03-20T09:59:04	2	0	3	2	1	1.0327	1.0362	0.0035	-0.9946	-0.9947	0.0001
2024-03-20T09:59:16	1	0	4	4	0	1.0469	1.0468	-0.0001	-0.9969	-0.997	0.0001
2024-03-20T10:00:36	3	0	1	0	1	1.0552	null	null	0.9886	0.9886	0.0000
2024-03-20T10:01:03	1	0	7	7	0	0.9549	0.9549	0.0000	0.9909	0.9909	0.0000
2024-03-20T10:01:54	4	0	1	1	0	1.0398	1.0388	-0.0010	0.952	0.9686	-0.0166
2024-03-20T10:02:23	1	0	9	9	0	1.0468	1.0462	-0.0006	-0.9997	-0.9997	0.0000
2024-03-20T10:03:03	3	0	83	83	0	1.0102	1.0102	0.0001	0.9528	0.9528	0.0000
2024-03-20T10:04:09	1	0	191	191	0	1.0695	1.0695	0.0000	0.9877	0.9842	0.0035
2024-03-20T10:04:57	2	0	19	17	2	1.0499	1.0495	-0.0004	-0.9706	-0.9712	0.0006
2024-03-20T10:05:24	3	0	139	139	0	0.9328	0.9328	0.0000	0.9806	0.9805	0.0001
2024-03-20T10:05:27	1	0	109	99	10	0.9402	0.9408	0.0007	0.926	0.9263	-0.0003
2024-03-20T10:05:42	1	0	27	27	0	0.9396	0.9396	0.0000	0.9951	0.995	0.0001
2024-03-20T10:05:51	6	0	24	23	1	1.0506	1.0505	-0.0001	-0.9986	-0.9991	0.0005

2024-03-20T10:06:16	1	0	10	10	0	1.0521	1.0518	-0.0003	-0.8738	-0.8749	0.0011
2024-03-20T10:07:16	2	0	114	112	2	1.0617	1.0613	-0.0004	0.9914	0.9914	0.0000
2024-03-20T10:07:26	1	0	51	47	4	0.9328	0.9332	0.0004	0.972	0.9712	0.0008
2024-03-20T10:07:39	9	0	688	689	-1	0.8532	0.8540	0.0008	0.7883	0.7842	0.0041
2024-03-20T10:07:58	3	0	173	173	0	0.9283	0.9286	0.0003	0.9393	0.9395	-0.0002
2024-03-20T10:08:44	3	0	17	11	6	0.9433	0.9434	0.0002	0.9902	0.9905	-0.0003
2024-03-20T10:09:19	1	0	5	5	0	1.0491	1.0490	-0.0001	0.9993	0.9993	0.0000
2024-03-20T10:09:41	2	0	5	5	0	1.0467	1.0463	-0.0004	0.9911	0.9906	0.0005
2024-03-20T10:09:56	6	0	66	66	0	0.9258	0.9258	0.0000	0.9948	0.9947	0.0001
2024-03-20T10:11:05	1	0	4	4	0	0.9542	0.9544	0.0002	-0.9931	-0.993	-0.0001
2024-03-20T10:11:45	1	0	39	34	5	0.9519	0.9531	0.0012	0.9995	0.9996	-0.0001
2024-03-20T10:13:06	5	0	546	539	7	1.0653	1.0658	0.0005	-1	-1	0.0000
2024-03-20T10:13:56	1	0	6	6	0	1.0483	1.0482	-0.0001	0.998	0.9966	0.0014
2024-03-20T10:14:17	3	0	4	4	0	1.0465	1.0461	-0.0004	-0.998	-0.9982	0.0002
2024-03-20T10:14:35	1	0	6	6	0	1.0426	1.0425	-0.0001	-0.9982	-0.9983	0.0001
2024-03-20T10:14:41	4	0	20	17	3	1.0517	1.0509	-0.0008	0.9997	0.9996	0.0001
2024-03-20T10:14:51	1	0	2	2	0	1.0465	1.0463	-0.0002	0.9795	0.9794	0.0001
2024-03-20T10:16:15	1	0	27	27	0	1.0527	1.0526	-0.0001	0.9733	0.9729	0.0004
2024-03-20T10:17:05	1	0	1	1	0	1.0384	1.0380	-0.0004	0.9931	0.9931	0.0000
2024-03-20T10:17:34	4	0	783	783	0	1.0737	1.0737	0.0000	0.9993	0.9993	0.0000
2024-03-20T10:18:49	2	0	4	4	0	1.0110	1.0105	-0.0005	0.9442	0.9437	0.0005
2024-03-20T10:19:10	1	0	338	336	2	1.0773	1.0771	-0.0001	0.9868	0.9867	0.0001
2024-03-20T10:20:02	1	0	11	11	0	1.0533	1.0528	-0.0005	0.9967	0.9966	0.0001
2024-03-20T10:20:12	1	0	13	13	0	1.0508	1.0506	-0.0001	0.9839	0.983	0.0009
2024-03-20T10:20:24	1	0	146	146	0	0.9198	0.9199	0.0001	0.9795	0.9805	-0.0010
2024-03-20T10:20:43	2	0	28	28	0	0.9389	0.9391	0.0003	0.9949	0.995	-0.0001
2024-03-20T10:21:00	2	0	323	322	1	1.0922	1.0919	-0.0003	0.9988	0.9991	-0.0003
2024-03-20T10:22:27	2	0	104	103	1	0.9220	0.9221	0.0001	0.9673	0.9666	0.0007
2024-03-20T10:23:47	1	0	24	23	1	1.0484	1.0485	0.0001	-0.9996	-0.9995	-0.0001
2024-03-20T10:24:32	1	0	620	621	-1	0.8551	0.8551	0.0000	0.7867	0.7864	0.0003
2024-03-20T10:26:45	1	0	3	3	0	1.0500	1.0497	-0.0002	0.9833	0.9832	0.0001
2024-03-20T10:27:26	1	0	15	14	1	1.0466	1.0470	0.0004	0.9999	0.9999	0.0000
2024-03-20T10:28:28	1	0	15	15	0	0.9564	0.9569	0.0005	0.9774	0.9775	-0.0001
2024-03-20T10:29:42	2	0	39	38	1	1.0543	1.0543	-0.0001	0.9997	0.9997	0.0000
2024-03-20T10:31:57	1	0	161	161	0	1.0570	1.0570	0.0000	0.9947	0.9948	-0.0001
2024-03-20T10:32:19	2	0	13	13	0	1.0408	1.0406	-0.0002	0.9918	0.9916	0.0002
2024-03-20T10:34:08	2	0	1	1	0	1.0166	1.0161	-0.0005	0.993	0.9929	0.0001
2024-03-20T10:36:54	1	0	6	6	0	0.9566	0.9563	-0.0003	-0.9995	-0.9996	0.0001
2024-03-20T10:37:28	1	0	21	20	1	1.0497	1.0492	-0.0004	0.9994	0.9994	0.0000
2024-03-20T10:39:41	8	0	96	95	1	0.9705	0.9726	0.0021	0.9714	0.9712	0.0002
2024-03-20T10:40:02	2	0	1	1	0	1.0561	1.0554	-0.0007	-0.9998	-0.9999	0.0001
2024-03-20T10:40:06	1	0	3	3	0	1.0223	1.0222	-0.0001	0.9506	0.9503	0.0003
2024-03-20T10:40:34	2	0	119	117	2	1.0550	1.0550	0.0000	-0.9801	-0.9802	0.0001
2024-03-20T10:41:39	1	0	14	14	0	1.0524	1.0523	-0.0001	0.9995	0.9995	0.0000
2024-03-20T10:43:08	2	0	537	534	3	1.0640	1.0645	0.0004	-1	-1	0.0000
2024-03-20T10:43:29	1	0	50	50	0	0.9356	0.9356	0.0000	0.9714	0.9714	0.0000
2024-03-20T10:45:08	1	0	12	12	0	0.9447	0.9449	0.0002	0.9737	0.9729	0.0008
2024-03-20T10:46:32	2	0	12	11	1	1.0469	1.0461	-0.0008	-0.9991	-0.9991	0.0000
2024-03-20T10:46:45	1	0	3	3	0	1.0342	1.0339	-0.0003	-0.9793	-0.979	-0.0003
2024-03-20T10:49:46	1	0	3	3	0	1.0334	1.0332	-0.0002	0.9846	0.9845	0.0001
2024-03-20T10:50:29	2	0	33	33	0	0.9442	0.9442	0.0000	0.9233	0.9234	-0.0001
2024-03-20T10:50:36	3	0	8	6	2	1.0544	1.0530	-0.0014	-0.8421	-0.8437	0.0016
2024-03-20T10:50:45	1	0	8	9	-1	0.9486	0.9477	-0.0009	0.9936	0.9935	0.0001
2024-03-20T10:51:19	2	0	11	11	0	1.0544	1.0542	-0.0002	-0.9677	-0.9704	0.0027
2024-03-20T10:51:55	1	0	4	4	0	0.9918	0.9919	0.0001	-0.9982	-0.9982	0.0000
2024-03-20T10:53:10	1	0	2	0	2	1.0453	null	null	0.9705	0.9702	0.0003
2024-03-20T10:54:59	2	0	67	67	0	0.9445	0.9444	-0.0001	0.9955	0.9955	0.0000
2024-03-20T10:58:28	1	0	3	3	0	1.0555	1.0553	-0.0002	0.9861	0.986	0.0001
2024-03-20T10:59:44	3	0	25	24	1	1.0526	1.0529	0.0003	0.9997	0.9997	0.0000
2024-03-20T11:01:47	1	0	2	2	0	1.0347	1.0346	-0.0001	-0.9821	-0.9821	0.0000
2024-03-20T11:03:02	1	0	28	27	1	0.9622	0.9588	-0.0034	0.971	0.9704	0.0006
2024-03-20T11:04:13	1	0	6	6	0	1.0342	1.0342	0.0000	-0.9874	-0.9875	0.0001
2024-03-20T11:04:47	3	0	3	3	0	1.0328	1.0325	-0.0003	0.9814	0.9809	0.0005
2024-03-20T11:05:55	7	0	44	41	3	1.0539	1.0538	-0.0001	-0.9975	-0.9976	0.0001
2024-03-20T11:05:58	2	0	15	13	2	1.0467	1.0459	-0.0008	-0.9994	-0.9995	0.0001
2024-03-20T11:06:06	4	0	12	12	0	1.0507	1.0500	-0.0007	-0.9879	-0.9893	0.0014
2024-03-20T11:06:18	2	0	22	22	0	1.0523	1.0522	-0.0001	0.9971	0.997	0.0001
2024-03-20T11:06:56	2	0	2	2	0	1.0063	1.0060	-0.0003	-0.9986	-0.9987	0.0001
2024-03-20T11:08:11	1	0	5	5	0	1.0474	1.0473	-0.0001	0.9716	0.9714	0.0002
2024-03-20T11:08:35	1	0	23	21	2	1.0504	1.0498	-0.0006	0.9992	0.9992	0.0000
2024-03-20T11:08:50	4	0	40	38	2	1.0535	1.0527	-0.0008	0.9998	0.9997	0.0001
2024-03-20T11:09:45	1	0	41	41	0	1.0557	1.0557	0.0000	0.9873	0.9866	0.0007
2024-03-20T11:10:00	1	0	67	67	0	0.9556	0.9556	0.0000	0.9977	0.9977	0.0000
2024-03-20T11:10:47	2	0	101	98	3	1.0544	1.0544	0.0000	-0.9779	-0.9778	-0.0001
2024-03-20T11:11:09	1	0	1	0	1	1.0371	null	null	0.9581	0.9581	0.0000
2024-03-20T11:12:13	1	0	1	0	1	1.0551	null	null	0.993	0.993	0.0000
2024-03-20T11:13:35	2	0	13	12	1	1.0472	1.0471	-0.0001	0.9953	0.9952	0.0001
2024-03-20T11:14:00	1	0	42	42	0	1.0519	1.0519	0.0000	0.9969	0.9968	0.0001
2024-03-20T11:15:10	5	0	74	74	0	0.9365	0.9367	0.0002	0.9744	0.974	0.0004
2024-03-20T11:16:08	3	0	2	3	-1	1.0118	0.9922	-0.0196	0.9922	0.9916	0.0006
2024-03-20T11:18:03	1	0	29	28	1	0.9690	0.9661	-0.0029	0.9704	0.9704	0.0000
2024-03-20T11:20:47	2	0	7	7	0	0.9359	0.9361	0.0002	0.9957	0.9959	-0.0002
2024-03-20T11:20:47	2	0	1	0	1	1.0265	null	null	0.9856	0.9854	0.0002
2024-03-20T11:20:59	1	0	13	13	0	1.0459	1.0459	0.0000	-0.9995	-0.9995	0.0000
2024-03-20T11:21:07	1	0	15	15	0	1.0531	1.0531	-0.0001	-0.9831	-0.9837	0.0006

2024-03-20T11:21:57	2	0	2	2	0	1.0055	1.0053	-0.0002	-0.9985	-0.9985	0.0000
2024-03-20T11:22:06	4	0	3	3	0	1.0617	1.0611	-0.0005	-0.9877	-0.9881	0.0004
2024-03-20T11:24:36	1	0	605	611	-6	0.8578	0.8586	0.0008	0.7914	0.7913	0.0001
2024-03-20T11:27:16	1	0	1	1	0	1.0572	1.0563	-0.0009	0.9996	0.9996	0.0000
2024-03-20T11:28:30	1	0	1	1	0	1.1007	1.1007	0.0000	0.9767	0.9765	0.0002
2024-03-20T11:29:40	1	0	23	23	0	1.0474	1.0474	0.0000	-0.9933	-0.9936	0.0003
2024-03-20T11:31:09	3	0	2	2	0	1.0134	1.0135	0.0001	0.9923	0.9922	0.0001
2024-03-20T11:31:20	1	0	26	26	0	1.0521	1.0521	0.0000	0.9624	0.9625	-0.0001
2024-03-20T11:32:01	1	0	161	161	0	1.0573	1.0573	0.0000	0.9941	0.9942	-0.0001
2024-03-20T11:32:43	7	0	25	21	4	1.0516	1.0508	-0.0008	0.9809	0.9808	0.0001
2024-03-20T11:32:44	1	0	86	81	5	0.8939	0.8977	0.0038	0.9745	0.9799	-0.0054
2024-03-20T11:32:54	1	0	2	2	0	1.0343	1.0342	-0.0001	-0.9781	-0.9781	0.0000
2024-03-20T11:34:15	2	0	16	16	0	1.0475	1.0475	0.0000	-0.9851	-0.985	-0.0001
2024-03-20T11:35:33	3	0	11	10	1	1.0405	1.0390	-0.0015	0.9092	0.9091	0.0001
2024-03-20T11:36:00	4	0	17	17	0	1.0455	1.0454	-0.0001	-0.9994	-0.9994	0.0000
2024-03-20T11:36:18	3	0	1	1	0	1.0592	1.0579	-0.0013	0.9981	0.9977	0.0004
2024-03-20T11:36:58	4	0	7	7	0	0.9679	0.9678	-0.0001	-0.9984	-0.9985	0.0001
2024-03-20T11:37:07	2	0	4	4	0	1.0555	1.0555	0.0000	-0.9867	-0.9867	0.0000
2024-03-20T11:38:13	1	0	2	3	-1	1.0458	1.0456	-0.0002	0.972	0.972	0.0000
2024-03-20T11:39:37	10	0	530	532	-2	0.8688	0.8688	0.0000	0.7952	0.8084	-0.0132
2024-03-20T11:41:30	8	0	107	107	0	0.9831	0.9831	0.0000	0.9621	0.9621	0.0000
2024-03-20T11:43:31	1	0	1	1	0	1.0941	1.0941	0.0000	0.9624	0.9623	0.0001
2024-03-20T11:44:07	1	0	3	3	0	1.0123	1.0122	-0.0001	0.9947	0.9947	0.0000
2024-03-20T11:44:11	6	0	4	2	2	1.0562	1.0562	-0.0001	-0.9907	-0.9908	0.0001
2024-03-20T11:46:10	3	0	2	2	0	1.0141	1.0145	0.0004	0.9915	0.9914	0.0001
2024-03-20T11:47:03	2	0	1	0	1	1.0557	null	null	-0.9991	-0.9991	0.0000
2024-03-20T11:47:55	1	0	1	1	0	1.0369	1.0369	0.0000	-0.9808	-0.9808	0.0000
2024-03-20T11:48:05	1	0	29	29	0	0.9659	0.9659	0.0000	0.9719	0.9719	0.0000
2024-03-20T11:48:10	4	0	15	14	1	1.0424	1.0413	-0.0011	0.9572	0.9571	0.0001
2024-03-20T11:48:24	2	0	8	7	1	1.0539	1.0525	-0.0014	0.9794	0.9791	0.0003
2024-03-20T11:48:55	3	0	4	4	0	0.9436	0.9438	0.0002	0.9382	0.938	0.0002
2024-03-20T11:49:16	2	0	8	8	0	1.0458	1.0458	0.0000	-0.9859	-0.9858	-0.0001
2024-03-20T11:50:33	3	0	3	4	-1	0.9386	0.9400	0.0014	0.9247	0.9244	0.0003
2024-03-20T11:51:59	4	0	5	5	0	1.0525	1.0521	-0.0004	-0.9978	-0.9979	0.0001
2024-03-20T11:52:08	2	0	3	3	0	1.0563	1.0563	0.0000	-0.9964	-0.9963	-0.0001
2024-03-20T11:54:38	10	0	656	649	7	0.8496	0.8547	0.0050	0.7887	0.7597	0.0290
2024-03-20T11:56:31	8	0	118	117	1	0.9790	0.9795	0.0005	0.9639	0.9619	0.0020
2024-03-20T11:57:32	1	0	4	3	1	1.0522	1.0496	-0.0026	0.9655	0.9657	-0.0002
2024-03-20T11:58:32	1	0	1	1	0	1.1006	1.1006	0.0000	0.964	0.9639	0.0001
2024-03-20T12:01:11	3	0	2	2	0	1.0178	1.0182	0.0005	0.994	0.9939	0.0001
2024-03-20T12:02:45	9	0	34	34	0	1.0529	1.0525	-0.0003	0.9812	0.9812	0.0000
2024-03-20T12:07:09	2	0	4	4	0	1.0498	1.0498	0.0000	-0.9987	-0.9987	0.0000
2024-03-20T12:11:32	8	0	103	98	5	0.9710	0.9716	0.0005	0.9639	0.9618	0.0021
2024-03-20T12:13:10	1	0	79	79	0	1.1423	1.1416	-0.0007	-1	-1	0.0000
2024-03-20T12:15:14	4	0	12	11	1	1.0527	1.0525	-0.0003	0.9816	0.9816	0.0000
2024-03-20T12:18:12	3	0	9	10	-1	1.0376	1.0396	0.0020	0.9625	0.9625	0.0000
2024-03-20T12:18:26	2	0	6	7	-1	1.0541	1.0540	-0.0001	0.9789	0.979	-0.0001
2024-03-20T12:18:59	1	0	1	0	1	1.0553	null	null	0.9907	0.9907	0.0000
2024-03-20T12:19:18	2	0	24	24	0	1.0492	1.0492	0.0000	-0.9789	-0.9788	-0.0001
2024-03-20T12:20:35	3	0	5	6	-1	0.9525	0.9511	-0.0014	0.9254	0.9251	0.0003
2024-03-20T12:22:01	4	0	5	5	0	1.0519	1.0518	-0.0001	-0.9926	-0.9927	0.0001
2024-03-20T12:23:16	1	0	12	12	0	1.0484	1.0483	-0.0001	0.97	0.9697	0.0003
2024-03-20T12:32:43	3	0	4	4	0	1.0327	1.0326	-0.0001	0.9722	0.9722	0.0000
2024-03-20T12:32:58	1	0	1	1	0	1.0361	1.0361	0.0000	-0.9862	-0.9862	0.0000
2024-03-20T12:33:27	2	0	13	10	3	1.0544	1.0552	0.0008	0.9787	0.9787	0.0000
2024-03-20T12:36:22	3	0	1	2	-1	1.0599	1.0530	-0.0069	0.9919	0.9925	-0.0006
2024-03-20T12:43:14	1	0	1	0	1	1.0553	null	null	-0.9925	-0.9925	0.0000
2024-03-20T12:45:46	6	0	1	2	-1	1.0612	1.0471	-0.0141	-0.9892	-0.9887	-0.0005
2024-03-20T12:48:09	1	0	15	15	0	0.9860	0.9860	0.0000	0.9667	0.9669	-0.0002
2024-03-20T12:53:18	1	0	4	4	0	1.0457	1.0457	-0.0001	0.9714	0.9713	0.0001
2024-03-20T12:58:36	1	0	1	1	0	1.1015	1.1015	0.0000	0.9711	0.9711	0.0000
2024-03-20T13:08:07	1	0	12	12	0	1.0477	1.0477	0.0000	0.9938	0.9938	0.0000
2024-03-20T13:10:55	2	0	172	171	1	1.0593	1.0593	0.0000	-0.9661	-0.966	-0.0001
2024-03-20T13:11:56	1	0	6	7	-1	1.0512	1.0519	0.0007	0.9759	0.9759	0.0000
2024-03-20T13:13:14	1	0	1	1	0	1.0576	1.0576	0.0000	-0.9999	-0.9999	0.0000
2024-03-20T13:22:05	1	0	35	34	1	0.9682	0.9642	-0.0040	1	1	0.0000
2024-03-20T13:30:49	2	0	3	3	0	1.0492	1.0484	-0.0007	-0.9862	-0.9864	0.0002
2024-03-20T13:32:47	1	0	21	20	1	1.0478	1.0474	-0.0004	-0.9937	-0.9939	0.0002
2024-03-20T13:37:06	1	0	22	22	0	0.9696	0.9695	-0.0001	-0.9998	-0.9998	0.0000
2024-03-20T13:42:18	11	0	213	209	4	1.0608	1.0610	0.0002	-0.9654	-0.9656	0.0002
2024-03-20T13:43:20	6	0	36	34	2	1.0495	1.0491	-0.0004	-0.9991	-0.9991	0.0000
2024-03-20T13:50:42	2	0	17	16	1	1.0504	1.0505	0.0001	0.9271	0.9267	0.0004
2024-03-20T13:52:07	1	0	13	11	2	0.9879	0.9773	-0.0106	-0.9997	-0.9997	0.0000
2024-03-20T14:01:19	3	0	3	4	-1	1.0194	1.0038	-0.0155	0.9904	0.9902	0.0002
2024-03-20T14:02:42	1	0	5	5	0	1.0463	1.0461	-0.0002	-1	-1	0.0000
2024-03-20T14:02:49	1	0	8	8	0	1.0347	1.0346	0.0000	0.9818	0.9818	0.0000
2024-03-20T14:04:26	1	0	13	13	0	1.0454	1.0454	0.0000	-0.9801	-0.9801	0.0000
2024-03-20T14:04:59	1	0	1	1	0	1.0311	1.0311	0.0000	0.954	0.9538	0.0002
2024-03-20T14:05:42	1	0	4	4	0	0.9396	0.9397	0.0001	0.9259	0.926	-0.0001
2024-03-20T14:05:49	3	0	5	6	-1	1.0537	1.0525	-0.0012	-0.8459	-0.8448	-0.0011
2024-03-20T14:05:58	5	0	4	4	0	1.0194	1.0193	-0.0001	0.9986	0.9985	0.0001
2024-03-20T14:07:08	2	0	32	32	0	0.9652	0.9651	-0.0002	-0.9999	-0.9999	0.0000
2024-03-20T14:12:00	3	0	6	6	0	1.0427	1.0429	0.0002	0.9765	0.9766	-0.0001
2024-03-20T14:12:20	15	0	254	249	5	1.0623	1.0622	-0.0001	-0.9534	-0.9537	0.0003
2024-03-20T14:14:51	1	0	113	109	4	1.0538	1.0537	-0.0001	-0.9928	-0.9931	0.0003

2024-03-20T14:15:07	1	0	1	1	0	1.0731	1.0731	0.0000	0.9863	0.9864	-0.0001
2024-03-20T14:16:09	1	0	1	0	1	1.0551	null	null	0.9981	0.9981	0.0000
2024-03-20T14:16:20	3	0	2	2	0	1.0130	1.0126	-0.0004	0.9897	0.9896	0.0001
2024-03-20T14:16:23	1	0	3	3	0	0.9382	0.9383	0.0001	0.9907	0.9906	0.0001
2024-03-20T14:16:59	1	0	2	3	-1	1.0554	1.0520	-0.0034	-0.9771	-0.9768	-0.0003
2024-03-20T14:17:12	2	0	264	263	1	1.0598	1.0598	0.0000	0.9959	0.9959	0.0000
2024-03-20T14:19:26	2	0	26	25	1	1.0478	1.0478	0.0000	-0.9775	-0.9775	0.0000
2024-03-20T14:20:34	2	0	369	191	178	1.0733	1.0722	-0.0011	0.9882	0.9847	0.0035
2024-03-20T14:20:43	1	0	5	5	0	0.9392	0.9394	0.0002	0.9252	0.9253	-0.0001
2024-03-20T14:20:44	5	0	26	21	5	1.0061	0.9953	-0.0107	0.9104	0.9097	0.0007
2024-03-20T14:20:50	3	0	10	10	0	1.0525	1.0524	-0.0001	-0.8113	-0.8115	0.0002
2024-03-20T14:20:59	1	0	23	22	1	1.0511	1.0507	-0.0004	-0.9965	-0.9966	0.0001
2024-03-20T14:21:19	5	0	19	19	0	1.0546	1.0545	0.0000	-0.9692	-0.9701	0.0009
2024-03-20T14:22:09	3	0	12	12	0	0.9938	0.9935	-0.0003	-0.9996	-0.9997	0.0001
2024-03-20T14:24:48	10	0	347	345	2	0.8939	0.8942	0.0003	0.7943	0.7942	0.0001
2024-03-20T14:25:21	1	0	4	5	-1	1.0246	1.0242	-0.0004	0.9527	0.9529	-0.0002
2024-03-20T14:25:43	2	0	1	1	0	0.9428	0.9440	0.0012	0.9901	0.9903	-0.0002
2024-03-20T14:26:31	1	0	1	1	0	1.0416	1.0412	-0.0004	0.9966	0.9966	0.0000
2024-03-20T14:27:01	1	0	2	2	0	1.0601	1.0598	-0.0003	0.9769	0.9768	0.0001
2024-03-20T14:27:17	6	0	82	79	3	0.9877	0.9880	0.0004	0.9635	0.9631	0.0004
2024-03-20T14:27:21	3	0	197	196	1	1.0598	1.0598	0.0000	-0.9456	-0.9456	0.0000
2024-03-20T14:28:03	1	0	4	4	0	1.0208	1.0207	-0.0001	0.9749	0.9747	0.0002
2024-03-20T14:29:13	2	0	3	3	0	1.0559	1.0557	-0.0002	-0.9988	-0.9988	0.0000
2024-03-20T14:29:18	1	0	3	3	0	1.0110	1.0109	0.0000	0.9928	0.9928	0.0000
2024-03-20T14:31:14	1	0	78	78	0	1.0526	1.0526	0.0000	-0.9911	-0.9914	0.0003
2024-03-20T14:31:21	3	0	2	2	0	1.0143	1.0140	-0.0003	0.9917	0.9915	0.0002
2024-03-20T14:32:01	2	0	1	1	0	1.0322	1.0316	-0.0006	0.9744	0.9736	0.0008
2024-03-20T14:34:06	2	0	6	6	0	0.9721	0.9723	0.0002	0.915	0.9148	0.0002
2024-03-20T14:34:27	2	0	3	3	0	1.0408	1.0408	-0.0001	-0.9953	-0.9954	0.0001
2024-03-20T14:34:42	2	0	11	10	1	1.0549	1.0541	-0.0008	0.982	0.9817	0.0003
2024-03-20T14:35:01	3	0	1	0	1	1.0316	null	null	0.9578	0.957	0.0008
2024-03-20T14:35:35	2	0	422	227	195	1.0803	1.0747	-0.0056	0.9894	0.9861	0.0033
2024-03-20T14:35:44	2	0	6	6	0	0.9637	0.9636	0.0000	0.9263	0.9262	0.0001
2024-03-20T14:35:45	6	0	81	69	12	1.0569	1.0563	-0.0006	0.9367	0.936	0.0007
2024-03-20T14:35:51	5	0	7	7	0	1.0546	1.0543	-0.0003	-0.8049	-0.8073	0.0024
2024-03-20T14:36:20	5	0	14	14	0	1.0516	1.0515	-0.0001	-0.9745	-0.9752	0.0007
2024-03-20T14:36:32	3	0	1	0	1	1.0553	null	null	0.9832	0.983	0.0002
2024-03-20T14:37:10	3	0	12	12	0	0.9902	0.9898	-0.0004	-0.9998	-0.9998	0.0000
2024-03-20T14:37:19	2	0	1	0	1	1.0555	null	null	0.9222	0.9213	0.0009
2024-03-20T14:37:26	3	0	33	31	2	1.0475	1.0475	0.0000	-0.9987	-0.9987	0.0000
2024-03-20T14:37:32	29	0	6	3	3	1.0371	1.0356	-0.0014	0.9892	0.988	0.0012
2024-03-20T14:39:49	10	0	158	156	2	0.9196	0.9198	0.0001	0.8103	0.8104	-0.0001
2024-03-20T14:40:22	1	0	4	4	0	1.0246	1.0246	0.0000	0.9528	0.9528	0.0000
2024-03-20T14:40:25	1	0	1	1	0	1.0352	1.0348	-0.0004	-0.9838	-0.9839	0.0001
2024-03-20T14:40:25	1	0	16	16	0	1.0501	1.0500	-0.0001	-0.9999	-0.9999	0.0000
2024-03-20T14:41:32	1	0	2	2	0	1.0365	1.0364	-0.0001	0.9958	0.9958	0.0000
2024-03-20T14:42:02	1	0	11	11	0	1.0505	1.0504	0.0000	0.9794	0.9794	0.0000
2024-03-20T14:42:22	21	0	542	499	43	1.0638	1.0637	-0.0001	-0.9474	-0.9486	0.0012
2024-03-20T14:43:18	2	0	1	1	0	1.0378	1.0372	-0.0006	0.9825	0.9822	0.0003
2024-03-20T14:43:43	1	0	6	6	0	1.0383	1.0382	-0.0001	0.9351	0.9349	0.0002
2024-03-20T14:44:00	1	0	1	1	0	1.0274	1.0270	-0.0004	0.9967	0.9966	0.0001
2024-03-20T14:44:19	1	0	3	3	0	1.0093	1.0093	0.0000	0.9935	0.9935	0.0000
2024-03-20T14:45:49	6	0	2	0	2	1.0082	null	null	0.976	0.9751	0.0009
2024-03-20T14:47:36	2	0	5	4	1	1.0323	1.0297	-0.0026	0.942	0.9381	0.0039
2024-03-20T14:48:07	1	0	3	3	0	1.0322	1.0320	-0.0002	-0.9812	-0.9812	0.0000
2024-03-20T14:49:39	1	0	9	9	0	1.0540	1.0539	-0.0001	0.9987	0.9987	0.0000
2024-03-20T14:50:02	3	0	1	0	1	1.0284	null	null	0.9538	0.9532	0.0006
2024-03-20T14:50:16	1	0	41	40	1	1.0527	1.0527	0.0000	-0.9808	-0.9808	0.0000
2024-03-20T14:50:46	1	0	22	18	4	1.0459	1.0447	-0.0012	0.925	0.9247	0.0003
2024-03-20T14:52:11	1	0	28	28	0	0.9676	0.9674	-0.0002	-1	-1	0.0000
2024-03-20T14:52:20	2	0	4	4	0	1.0523	1.0521	-0.0002	-0.9963	-0.9963	0.0000
2024-03-20T14:52:27	1	0	47	45	2	1.0490	1.0490	0.0000	-0.9978	-0.9978	0.0000
2024-03-20T14:54:48	1	0	1	1	0	0.9803	0.9807	0.0004	0.9648	0.9648	0.0000
2024-03-20T14:56:25	3	0	2	2	0	1.0227	1.0217	-0.0010	-0.9783	-0.9788	0.0005
2024-03-20T14:58:21	1	0	79	79	0	1.0827	1.0817	-0.0010	0.9999	0.9999	0.0000
2024-03-20T15:00:55	2	0	2	1	1	1.0347	1.0343	-0.0004	-0.9878	-0.9877	-0.0001
2024-03-20T15:01:26	1	0	6	6	0	1.0244	1.0244	0.0000	0.9806	0.9803	0.0003
2024-03-20T15:02:24	1	0	1	1	0	1.0405	1.0398	-0.0007	0.9984	0.9982	0.0002
2024-03-20T15:02:53	4	0	10	11	-1	1.0385	1.0298	-0.0087	0.9829	0.9826	0.0003
2024-03-20T15:04:08	1	0	1	1	0	1.0564	1.0562	-0.0002	0.9285	0.9278	0.0007
2024-03-20T15:04:44	2	0	21	19	2	1.0542	1.0548	0.0006	0.9809	0.9808	0.0001
2024-03-20T15:05:47	1	0	22	20	2	0.9913	0.9866	-0.0046	0.9164	0.916	0.0004
2024-03-20T15:07:12	1	0	12	12	0	0.9923	0.9919	-0.0004	-0.9997	-0.9997	0.0000
2024-03-20T15:08:38	1	0	60	59	1	1.0499	1.0499	0.0000	-0.9959	-0.9959	0.0000
2024-03-20T15:09:14	1	0	95	93	2	1.0527	1.0526	-0.0001	0.9896	0.9896	0.0000
2024-03-20T15:11:21	1	0	24	22	2	1.0488	1.0488	0.0000	-0.9739	-0.9739	0.0000
2024-03-20T15:11:26	1	0	1	1	0	1.0356	1.0352	-0.0004	0.9591	0.9588	0.0003
2024-03-20T15:11:34	1	0	7	7	0	1.0403	1.0402	-0.0001	0.9963	0.9962	0.0001
2024-03-20T15:14:16	2	0	3	3	0	1.0520	1.0520	0.0000	-0.9905	-0.9905	0.0000
2024-03-20T15:16:44	2	0	1	1	0	1.0245	1.0236	-0.0009	0.9691	0.9683	0.0008
2024-03-20T15:17:18	1	0	236	235	1	1.0587	1.0587	0.0000	0.9949	0.9949	0.0000
2024-03-20T15:18:39	1	0	1	1	0	1.0253	1.0247	-0.0006	0.9022	0.9034	-0.0012
2024-03-20T15:20:48	1	0	22	21	1	1.0034	1.0012	-0.0021	0.9151	0.9148	0.0003
2024-03-20T15:21:03	1	0	5	5	0	1.0456	1.0456	0.0000	0.9999	0.9999	0.0000
2024-03-20T15:21:03	2	0	1	0	1	1.0283	null	null	0.9871	0.987	0.0001

2024-03-20T15:25:17	3	0	6	7	-1	1.0313	1.0309	-0.0004	0.9962	0.996	0.0002
2024-03-20T15:27:21	2	0	94	91	3	0.9773	0.9777	0.0004	0.9657	0.9635	0.0022
2024-03-20T15:28:17	4	0	1	0	1	1.0400	null	null	-0.998	-0.9981	0.0001
2024-03-20T15:31:26	3	0	3	3	0	1.0141	1.0151	0.0010	0.9921	0.9923	-0.0002
2024-03-20T15:32:18	1	0	277	276	1	1.0592	1.0592	0.0000	0.9958	0.9958	0.0000
2024-03-20T15:35:49	1	0	18	18	0	1.0431	1.0429	-0.0002	0.9228	0.9225	0.0003
2024-03-20T15:36:36	7	0	14	12	2	1.0510	1.0509	-0.0001	-0.9991	-0.9994	0.0003
2024-03-20T15:43:47	1	0	16	16	0	1.0498	1.0497	-0.0001	0.9996	0.9996	0.0000
2024-03-20T15:46:34	4	0	28	26	2	1.0533	1.0533	0.0000	-0.9989	-0.9989	0.0000
2024-03-20T15:48:29	1	0	26	24	2	1.0488	1.0485	-0.0003	0.9209	0.9201	0.0008
2024-03-20T15:48:41	1	0	1	1	0	1.0352	1.0342	-0.0010	0.9089	0.9078	0.0011
2024-03-20T15:50:50	1	0	24	24	0	0.9866	0.9865	-0.0001	0.9138	0.9135	0.0003
2024-03-20T15:51:05	1	0	23	22	1	1.0488	1.0495	0.0007	1	1	0.0000
2024-03-20T15:51:14	5	0	64	64	0	1.0555	1.0554	-0.0001	-0.9955	-0.9956	0.0001
2024-03-20T15:52:15	1	0	12	12	0	0.9960	0.9957	-0.0003	-0.9994	-0.9995	0.0001
2024-03-20T16:00:54	5	0	3	3	0	1.0146	1.0143	-0.0003	0.984	0.9837	0.0003
2024-03-20T16:05:28	1	0	3	3	0	0.9471	0.9467	-0.0004	0.9912	0.9909	0.0003
2024-03-20T16:05:51	1	0	20	20	0	1.0513	1.0511	-0.0002	0.92	0.9198	0.0002
2024-03-20T16:06:06	2	0	1	1	0	1.0295	1.0292	-0.0003	0.9857	0.9855	0.0002
2024-03-20T16:07:16	1	0	14	13	1	0.9970	0.9923	-0.0047	-0.9997	-0.9997	0.0000
2024-03-20T16:09:22	1	0	2	2	0	1.0249	1.0248	-0.0001	0.987	0.9871	-0.0001
2024-03-20T16:12:27	3	0	120	120	0	1.0071	1.0071	0.0000	0.9654	0.9653	0.0001
2024-03-20T16:16:00	2	0	15	13	2	1.0435	1.0432	-0.0003	-0.9888	-0.989	0.0002
2024-03-20T16:17:58	2	0	12	12	0	1.0341	1.0340	-0.0001	0.9849	0.9848	0.0001
2024-03-20T16:18:43	2	0	58	54	4	1.0556	1.0550	-0.0006	0.9574	0.959	-0.0016
2024-03-20T16:20:52	1	0	31	24	7	1.0528	1.0532	0.0004	0.9311	0.9291	0.0020
2024-03-20T16:22:17	1	0	11	11	0	0.9931	0.9929	-0.0002	-0.9993	-0.9994	0.0001
2024-03-20T16:26:31	1	0	2	2	0	1.0283	1.0277	-0.0006	-0.9804	-0.9796	-0.0008
2024-03-20T16:31:37	1	0	135	134	1	1.0539	1.0539	0.0000	-0.9959	-0.9959	0.0000
2024-03-20T16:34:14	3	0	3	2	1	1.0155	1.0311	0.0156	0.9586	0.9583	0.0003
2024-03-20T16:37:18	1	0	8	8	0	1.0143	1.0140	-0.0002	-0.9986	-0.9986	0.0000
2024-03-20T16:41:22	1	0	1	1	0	1.0137	1.0133	-0.0004	-0.9952	-0.9951	-0.0001
2024-03-20T16:52:19	1	0	12	11	1	1.0001	0.9949	-0.0051	-0.9987	-0.9987	0.0000
2024-03-20T16:56:33	1	0	1	1	0	1.0207	1.0191	-0.0016	-0.985	-0.983	-0.0020
2024-03-20T17:02:01	1	0	2	2	0	0.9425	0.9432	0.0007	0.9767	0.9767	0.0000
2024-03-21T07:52:13	1	0	288	285	3	0.9276	0.9277	0.0001	0.9475	0.9475	0.0000
2024-03-21T07:52:14	1	0	208	208	0	0.9069	0.9070	0.0002	0.9658	0.9656	0.0002
2024-03-21T07:52:29	4	0	730	730	0	0.8200	0.8200	0.0000	0.7907	0.7957	-0.0050
2024-03-21T07:52:48	1	0	357	357	0	0.9084	0.9084	0.0000	0.9403	0.9403	0.0000
2024-03-21T07:56:33	1	0	228	228	0	0.9339	0.9339	0.0000	0.9962	0.9961	0.0001
2024-03-21T08:08:54	5	0	796	796	0	0.8233	0.8234	0.0001	0.7919	0.7927	-0.0008
2024-03-21T08:10:57	1	0	75	74	1	0.9392	0.9392	0.0000	-0.9897	-0.9894	-0.0003
2024-03-21T08:17:21	2	0	797	797	0	1.0835	1.0835	0.0000	0.9991	0.9992	-0.0001
2024-03-21T08:22:15	1	0	261	258	3	0.9293	0.9293	0.0001	0.9447	0.9447	0.0000
2024-03-21T08:22:50	1	0	254	254	0	0.9060	0.9060	0.0000	0.9417	0.9418	-0.0001
2024-03-21T08:24:47	2	0	84	84	0	0.9122	0.9123	0.0001	0.9954	0.9954	0.0000
2024-03-21T08:27:58	2	0	360	358	2	1.0629	1.0628	0.0000	0.9981	0.9981	0.0000
2024-03-21T08:29:58	1	0	121	120	1	0.9360	0.9361	0.0000	0.9723	0.9722	0.0001
2024-03-21T08:32:49	2	0	831	831	0	1.0627	1.0627	0.0000	0.9983	0.9983	0.0000
2024-03-21T08:37:12	1	0	95	94	1	1.0464	1.0463	-0.0001	0.9916	0.9917	-0.0001
2024-03-21T08:51:51	1	0	41	41	0	0.9668	0.9669	0.0001	-0.9999	-0.9999	0.0000
2024-03-21T09:03:00	2	0	71	69	2	1.0363	1.0362	-0.0001	0.9523	0.9523	0.0000
2024-03-21T09:03:43	1	0	6	6	0	1.0466	1.0464	-0.0002	-0.9776	-0.9775	-0.0001
2024-03-21T09:13:01	1	0	458	458	0	1.0630	1.0630	0.0000	0.9992	0.9991	0.0001
2024-03-21T09:17:02	1	0	3	3	0	1.0324	1.0323	-0.0001	0.9941	0.994	0.0001
2024-03-21T09:18:01	2	0	85	84	1	1.0000	1.0000	0.0000	0.9453	0.9453	0.0000
2024-03-21T09:18:44	3	0	1	1	0	0.9422	0.9431	0.0009	0.9305	0.9309	-0.0004
2024-03-21T09:21:53	1	0	22	22	0	0.9789	0.9788	-0.0001	-1	-1	0.0000
2024-03-21T09:24:51	2	0	95	95	0	0.9059	0.9059	0.0000	0.9951	0.995	0.0001
2024-03-21T09:24:55	1	0	170	168	2	0.9386	0.9388	0.0002	0.9747	0.9748	-0.0001
2024-03-21T09:29:15	3	0	2	2	0	1.0373	1.0369	-0.0005	-0.9996	-0.9997	0.0001
2024-03-21T09:31:01	3	0	3	3	0	1.0113	1.0116	0.0003	0.9974	0.9974	0.0000
2024-03-21T09:32:03	1	0	4	4	0	1.0345	1.0343	-0.0002	0.994	0.994	0.0000
2024-03-21T09:35:50	2	0	18	17	1	1.0478	1.0476	-0.0002	1	0.9999	0.0001
2024-03-21T09:39:00	2	0	731	732	-1	0.8339	0.8339	0.0000	0.7998	0.7946	0.0052
2024-03-21T09:39:52	2	0	65	65	0	0.9164	0.9162	-0.0002	0.9999	1	-0.0001
2024-03-21T09:41:31	2	0	109	109	0	0.9805	0.9803	-0.0003	0.987	0.9884	-0.0014
2024-03-21T09:41:44	2	0	625	625	0	0.9646	0.9645	-0.0001	0.9903	0.9899	0.0004
2024-03-21T09:45:03	1	0	143	141	2	0.9326	0.9327	0.0001	0.9698	0.9691	0.0007
2024-03-21T09:45:29	5	0	6	6	0	0.9870	0.9862	-0.0008	0.9771	0.9768	0.0003
2024-03-21T09:46:02	3	0	4	4	0	1.0219	1.0219	0.0000	0.9978	0.9978	0.0000
2024-03-21T09:46:03	1	0	2	2	0	1.0199	1.0199	-0.0001	0.9957	0.9957	0.0000
2024-03-21T09:46:08	1	0	10	10	0	1.0344	1.0343	-0.0001	0.9887	0.9886	0.0001
2024-03-21T09:48:03	2	0	192	190	2	0.9969	0.9969	0.0000	0.9392	0.9391	0.0001
2024-03-21T09:49:08	1	0	5	5	0	1.0309	1.0309	-0.0001	-0.9776	-0.9776	0.0000
2024-03-21T09:49:57	2	0	4	4	0	1.0491	1.0488	-0.0003	-0.9746	-0.9745	-0.0001
2024-03-21T09:51:55	3	0	35	34	1	0.9767	0.9765	-0.0002	0.9996	0.9996	0.0000
2024-03-21T09:54:01	2	0	673	673	0	0.8506	0.8506	0.0000	0.7827	0.7827	0.0000
2024-03-21T09:54:43	2	0	5	5	0	1.0488	1.0484	-0.0003	0.9948	0.9944	0.0004
2024-03-21T09:56:04	1	0	32	33	-1	0.9472	0.9469	-0.0003	-0.9949	-0.995	0.0001
2024-03-21T09:57:37	1	0	1	1	0	1.0267	1.0267	0.0000	0.9751	0.9751	0.0000
2024-03-21T09:58:45	1	0	1	1	0	0.9989	0.9986	-0.0003	-0.9932	-0.9931	-0.0001
2024-03-21T09:59:17	1	0	3	3	0	1.0443	1.0442	-0.0001	-0.9997	-0.9997	0.0000
2024-03-21T10:00:04	1	0	113	113	0	0.9372	0.9372	0.0000	0.9703	0.9695	0.0008
2024-03-21T10:02:22	1	0	3	3	0	1.0375	1.0366	-0.0009	0.9993	0.9993	0.0000

2024-03-21T10:02:34	3	0	3	3	0	1.0280	1.0276	-0.0004	0.9726	0.9725	0.0001
2024-03-21T10:03:04	2	0	106	101	5	0.9938	0.9942	0.0004	0.9409	0.9409	0.0000
2024-03-21T10:04:58	1	0	10	9	1	1.0465	1.0462	-0.0003	-0.9711	-0.9715	0.0004
2024-03-21T10:05:10	2	0	46	45	1	1.0520	1.0520	-0.0001	0.9843	0.9843	0.0000
2024-03-21T10:06:03	3	0	12	12	0	1.0532	1.0525	-0.0006	-0.986	-0.9863	0.0003
2024-03-21T10:06:56	2	0	26	25	1	0.9631	0.9630	-0.0002	0.9979	0.9978	0.0001
2024-03-21T10:07:18	1	0	47	43	4	1.0597	1.0587	-0.0010	0.9915	0.9915	0.0000
2024-03-21T10:07:22	1	0	173	167	6	0.9366	0.9373	0.0007	0.9357	0.936	-0.0003
2024-03-21T10:07:23	1	0	111	110	1	0.9199	0.9206	0.0007	0.9694	0.9685	0.0009
2024-03-21T10:07:57	3	0	202	200	2	0.9210	0.9213	0.0003	0.9292	0.9294	-0.0002
2024-03-21T10:08:46	3	0	84	82	2	0.9278	0.9287	0.0009	0.9934	0.9936	-0.0002
2024-03-21T10:09:02	7	0	628	626	2	0.8467	0.8473	0.0006	0.7799	0.7809	-0.0010
2024-03-21T10:09:57	1	0	3	3	0	1.0449	1.0446	-0.0003	0.9909	0.9905	0.0004
2024-03-21T10:11:05	1	0	1	1	0	1.0364	1.0361	-0.0003	0.9898	0.9898	0.0000
2024-03-21T10:11:05	1	0	7	7	0	0.9477	0.9478	0.0002	-0.9925	-0.9924	-0.0001
2024-03-21T10:11:42	1	0	31	32	-1	0.9740	0.9732	-0.0008	0.9973	0.9973	0.0000
2024-03-21T10:11:46	2	0	630	630	0	1.0797	1.0794	-0.0003	0.9906	0.9905	0.0001
2024-03-21T10:13:05	4	0	546	541	5	1.0641	1.0644	0.0003	0.9992	0.9991	0.0001
2024-03-21T10:14:18	2	0	5	5	0	1.0473	1.0471	-0.0001	-0.9985	-0.9986	0.0001
2024-03-21T10:14:34	1	0	18	18	0	1.0478	1.0477	0.0000	-0.9986	-0.9986	0.0000
2024-03-21T10:14:40	4	0	14	13	1	1.0498	1.0500	0.0002	0.9965	0.9964	0.0001
2024-03-21T10:17:00	1	0	121	120	1	1.0560	1.0560	0.0000	0.9931	0.9932	-0.0001
2024-03-21T10:18:08	1	0	1	1	0	1.0345	1.0339	-0.0006	0.9942	0.9941	0.0001
2024-03-21T10:18:48	3	0	1	0	1	0.9449	null	null	0.9393	0.9393	0.0000
2024-03-21T10:19:10	1	0	21	20	1	1.0516	1.0508	-0.0008	0.9882	0.9881	0.0001
2024-03-21T10:20:05	1	0	2	2	0	1.0452	1.0448	-0.0004	0.9675	0.9667	0.0008
2024-03-21T10:20:11	5	0	57	54	3	1.0527	1.0524	-0.0003	0.9839	0.9837	0.0002
2024-03-21T10:20:33	2	0	4	4	0	1.0508	1.0502	-0.0006	-0.881	-0.8816	0.0006
2024-03-21T10:20:53	2	0	18	18	0	1.0488	1.0485	-0.0003	-1	-1	0.0000
2024-03-21T10:21:13	1	0	10	10	0	1.0497	1.0497	0.0000	0.9851	0.9847	0.0004
2024-03-21T10:21:57	1	0	32	30	2	0.9554	0.9511	-0.0044	0.9982	0.9982	0.0000
2024-03-21T10:22:19	1	0	28	27	1	1.0575	1.0571	-0.0003	0.99	0.99	0.0000
2024-03-21T10:22:23	1	0	120	120	0	0.9409	0.9409	0.0000	0.9364	0.9363	0.0001
2024-03-21T10:22:46	4	0	81	80	1	0.9551	0.9439	-0.0112	0.9898	0.9899	-0.0001
2024-03-21T10:26:44	2	0	7	7	0	1.0344	1.0342	-0.0002	0.9785	0.9784	0.0001
2024-03-21T10:28:51	1	0	1	1	0	1.0073	1.0064	-0.0009	0.9804	0.9803	0.0001
2024-03-21T10:28:57	1	0	11	11	0	1.0457	1.0456	-0.0001	0.9979	0.9963	0.0016
2024-03-21T10:29:00	1	0	14	14	0	0.9639	0.9640	0.0000	0.9901	0.9901	0.0000
2024-03-21T10:29:19	1	0	3	3	0	1.0455	1.0452	-0.0002	-0.9991	-0.9991	0.0000
2024-03-21T10:30:33	3	0	1	0	1	1.0564	null	null	0.9867	0.9867	0.0000
2024-03-21T10:31:42	1	0	2	2	0	1.0438	1.0436	-0.0002	-0.9714	-0.9711	-0.0003
2024-03-21T10:32:17	1	0	5	5	0	1.0375	1.0373	-0.0002	0.991	0.9908	0.0002
2024-03-21T10:33:06	2	0	151	143	8	0.9986	0.9982	-0.0004	0.9415	0.9413	0.0002
2024-03-21T10:33:09	1	0	1	1	0	1.0373	1.0366	-0.0007	0.9935	0.9934	0.0001
2024-03-21T10:35:54	5	0	22	19	3	1.0516	1.0515	-0.0001	-0.9999	-0.9999	0.0000
2024-03-21T10:35:56	2	0	14	14	0	1.0446	1.0445	-0.0001	-0.9989	-0.9989	0.0000
2024-03-21T10:35:57	4	0	19	18	1	1.0479	1.0474	-0.0005	0.9944	0.9943	0.0001
2024-03-21T10:36:16	2	0	2	2	0	1.0652	1.0643	-0.0009	-0.9046	-0.9166	0.0120
2024-03-21T10:37:20	3	0	64	63	1	1.0571	1.0617	0.0046	0.9914	0.9915	-0.0001
2024-03-21T10:38:38	1	0	115	114	1	1.0562	1.0562	0.0000	-0.9852	-0.9851	-0.0001
2024-03-21T10:39:04	1	0	699	697	2	0.8546	0.8546	0.0000	0.7807	0.7755	0.0052
2024-03-21T10:39:45	7	0	148	146	2	0.9637	0.9637	-0.0001	0.9723	0.9721	0.0002
2024-03-21T10:40:04	2	0	2	2	0	1.0480	1.0458	-0.0023	0.9935	0.9916	0.0019
2024-03-21T10:41:07	3	0	2	2	0	0.9902	0.9889	-0.0013	-0.9936	-0.9939	0.0003
2024-03-21T10:41:44	1	0	13	13	0	1.0518	1.0517	-0.0001	0.9983	0.9983	0.0000
2024-03-21T10:41:45	3	0	3	3	0	1.0203	1.0205	0.0002	0.9704	0.9678	0.0026
2024-03-21T10:43:28	1	0	65	64	1	0.9353	0.9352	-0.0001	0.982	0.9821	-0.0001
2024-03-21T10:44:08	1	0	2	2	0	1.0288	1.0265	-0.0022	-0.9977	-0.9978	0.0001
2024-03-21T10:50:35	1	0	6	6	0	1.0538	1.0537	-0.0001	-0.8568	-0.857	0.0002
2024-03-21T10:50:50	1	0	1	0	1	1.0272	null	null	0.9835	0.9835	0.0000
2024-03-21T10:50:57	2	0	14	13	1	1.0436	1.0443	0.0007	-0.9991	-0.9991	0.0000
2024-03-21T10:52:27	1	0	60	61	-1	0.9434	0.9434	0.0000	0.934	0.9343	-0.0003
2024-03-21T10:52:27	2	0	82	79	3	0.9286	0.9289	0.0003	0.9729	0.9722	0.0007
2024-03-21T10:54:57	4	0	153	151	2	1.0290	1.0258	-0.0032	1	1	0.0000
2024-03-21T10:55:00	1	0	121	121	0	1.0696	1.0689	-0.0007	0.9998	0.9997	0.0001
2024-03-21T10:55:07	1	0	4	4	0	1.0237	1.0236	-0.0001	0.9496	0.9493	0.0003
2024-03-21T10:56:08	2	0	2	2	0	0.9871	0.9875	0.0003	-0.9924	-0.9922	-0.0002
2024-03-21T10:56:17	1	0	1	1	0	1.0334	1.0330	-0.0004	0.9937	0.9937	0.0000
2024-03-21T10:56:57	1	0	3	3	0	1.0494	1.0494	0.0000	-0.991	-0.991	0.0000
2024-03-21T10:58:59	1	0	11	11	0	1.0476	1.0475	0.0000	0.9974	0.9974	0.0000
2024-03-21T11:01:43	2	0	1	1	0	1.0299	1.0293	-0.0006	0.9729	0.9721	0.0008
2024-03-21T11:03:51	1	0	2	0	2	1.0552	null	null	0.9369	0.9369	0.0000
2024-03-21T11:04:11	2	0	1	1	0	1.0152	1.0146	-0.0006	0.9799	0.9797	0.0002
2024-03-21T11:04:48	3	0	1	1	0	1.0347	1.0340	-0.0007	0.9807	0.9802	0.0005
2024-03-21T11:05:33	3	0	12	11	1	1.0315	1.0290	-0.0025	0.9056	0.905	0.0006
2024-03-21T11:05:58	2	0	16	16	0	1.0441	1.0440	0.0000	-0.9987	-0.9987	0.0000
2024-03-21T11:06:07	1	0	11	11	0	1.0501	1.0499	-0.0002	-0.9863	-0.9872	0.0009
2024-03-21T11:07:00	1	0	22	22	0	0.9441	0.9441	0.0000	0.9978	0.9978	0.0000
2024-03-21T11:09:58	3	0	152	152	0	0.9893	0.9892	-0.0001	0.9968	0.9968	0.0000
2024-03-21T11:11:09	1	0	5	5	0	0.9917	0.9913	-0.0004	-0.9901	-0.9902	0.0001
2024-03-21T11:13:05	1	0	79	79	0	1.1522	1.1503	-0.0019	-0.9996	-0.9996	0.0000
2024-03-21T11:18:03	2	0	2	2	0	1.0319	1.0317	-0.0003	-0.993	-0.993	0.0000
2024-03-21T11:18:52	3	0	1	0	1	1.0573	null	null	0.9343	0.9343	0.0000
2024-03-21T11:19:12	1	0	2	2	0	1.0272	1.0269	-0.0003	0.9745	0.9744	0.0001
2024-03-21T11:19:14	2	0	10	10	0	1.0405	1.0404	-0.0001	-0.9738	-0.9739	0.0001

2024-03-21T11:21:08	3	0	9	9	0	1.0522	1.0516	-0.0005	-0.986	-0.986	0.0000
2024-03-21T11:21:30	3	0	126	125	1	1.0550	1.0550	0.0000	0.9815	0.9815	0.0000
2024-03-21T11:22:25	2	0	22	21	1	1.0491	1.0488	-0.0003	0.9946	0.9946	0.0000
2024-03-21T11:23:11	1	0	2	2	0	1.0512	1.0508	-0.0004	0.9832	0.9831	0.0001
2024-03-21T11:23:41	5	0	176	172	4	1.0592	1.0592	0.0000	-0.9797	-0.9798	0.0001
2024-03-21T11:25:45	4	0	154	155	-1	1.0071	1.0066	-0.0005	0.9971	0.9969	0.0002
2024-03-21T11:29:10	2	0	3	3	0	1.0471	1.0469	-0.0002	-1	-1	0.0000
2024-03-21T11:30:36	7	0	4	4	0	0.9747	0.9744	-0.0003	0.9728	0.9724	0.0004
2024-03-21T11:31:10	2	0	1	1	0	1.0370	1.0369	-0.0001	0.9943	0.9941	0.0002
2024-03-21T11:32:21	3	0	8	8	0	1.0337	1.0336	-0.0001	0.9928	0.9927	0.0001
2024-03-21T11:32:33	5	0	19	18	1	1.0497	1.0493	-0.0004	0.9993	0.9993	0.0000
2024-03-21T11:32:40	2	0	2	1	1	0.9815	1.0207	0.0392	0.9686	0.9686	0.0000
2024-03-21T11:33:53	2	0	1	1	0	1.0577	1.0562	-0.0015	0.9463	0.9458	0.0005
2024-03-21T11:35:53	2	0	4	4	0	1.0249	1.0242	-0.0006	0.9846	0.9843	0.0003
2024-03-21T11:37:08	4	0	6	6	0	1.0566	1.0545	-0.0021	-0.999	-0.9991	0.0001
2024-03-21T11:41:08	9	0	96	96	0	0.9610	0.9610	0.0000	0.9695	0.9697	-0.0002
2024-03-21T11:47:05	2	0	1	1	0	1.0564	1.0555	-0.0009	-0.9998	-0.9998	0.0000
2024-03-21T11:47:12	3	0	5	5	0	1.0316	1.0315	0.0000	0.9937	0.9931	0.0006
2024-03-21T11:48:23	1	0	5	4	1	1.0520	1.0503	-0.0017	0.9807	0.9807	0.0000
2024-03-21T11:48:54	5	0	1	0	1	1.0575	null	null	0.9374	0.9374	0.0000
2024-03-21T11:49:16	2	0	10	10	0	1.0512	1.0512	0.0000	-0.9734	-0.9734	0.0000
2024-03-21T11:50:36	2	0	19	19	0	0.9964	0.9963	-0.0001	0.9041	0.9037	0.0004
2024-03-21T11:50:59	8	0	27	27	0	1.0517	1.0524	0.0007	-0.9998	-0.9998	0.0000
2024-03-21T11:51:16	3	0	1	1	0	1.0568	1.0559	-0.0009	0.9978	0.9976	0.0002
2024-03-21T11:52:08	3	0	15	15	0	0.9187	0.9195	0.0009	0.9037	0.9049	-0.0012
2024-03-21T11:57:18	1	0	1	1	0	1.0604	1.0599	-0.0005	-0.9996	-0.9996	0.0000
2024-03-21T11:58:06	8	0	94	95	-1	0.9630	0.9630	0.0000	0.9691	0.9693	-0.0002
2024-03-21T12:05:53	1	0	23	22	1	1.0480	1.0476	-0.0004	-0.999	-0.999	0.0000
2024-03-21T12:06:11	4	0	1	5	-4	1.0456	1.0475	0.0019	-0.9845	-0.9843	-0.0002
2024-03-21T12:07:10	2	0	19	19	0	1.0515	1.0515	0.0000	-0.9977	-0.9977	0.0000
2024-03-21T12:16:19	1	0	31	30	1	1.0554	1.0554	0.0000	-0.9989	-0.9989	0.0000
2024-03-21T12:17:14	3	0	4	4	0	1.0316	1.0316	-0.0001	0.9931	0.9934	-0.0003
2024-03-21T12:20:54	3	0	29	28	1	1.0499	1.0496	-0.0002	-0.999	-0.9991	0.0001
2024-03-21T12:21:12	4	0	8	8	0	1.0528	1.0524	-0.0004	-0.9804	-0.9807	0.0003
2024-03-21T12:36:13	1	0	8	8	0	1.0519	1.0516	-0.0003	-0.9799	-0.9801	0.0002
2024-03-21T12:37:11	3	0	1	1	0	1.0593	1.0587	-0.0006	0.9223	0.9214	0.0009
2024-03-21T12:37:12	1	0	19	19	0	1.0505	1.0503	-0.0002	-0.9942	-0.9942	0.0000
2024-03-21T12:38:26	2	0	19	18	1	1.0426	1.0418	-0.0008	0.9499	0.9496	0.0003
2024-03-21T12:47:16	1	0	3	3	0	1.0360	1.0348	-0.0012	0.9928	0.9923	0.0005
2024-03-21T12:57:40	1	0	27	27	0	1.0478	1.0477	-0.0001	-0.9999	-0.9999	0.0000
2024-03-21T13:00:16	4	0	28	26	2	0.9410	0.9409	-0.0001	0.9674	0.9676	-0.0002
2024-03-21T13:01:43	2	0	1	0	1	1.0556	null	null	-0.9993	-0.9994	0.0001
2024-03-21T13:03:46	1	0	8	8	0	1.0305	1.0304	-0.0001	0.9914	0.9915	-0.0001
2024-03-21T13:04:21	1	0	5	5	0	1.0575	1.0575	0.0000	0.9791	0.9789	0.0002
2024-03-21T13:15:52	1	0	42	41	1	1.0494	1.0491	-0.0002	-0.9966	-0.9968	0.0002
2024-03-21T13:17:18	1	0	2	2	0	1.0324	1.0321	-0.0003	0.9941	0.9939	0.0002
2024-03-21T13:27:42	1	0	6	6	0	1.0466	1.0466	0.0000	0.9989	0.9989	0.0000
2024-03-21T13:29:18	2	0	5	6	-1	1.0529	1.0517	-0.0012	-0.9987	-0.9986	-0.0001
2024-03-21T13:30:44	7	0	4	5	-1	0.9731	0.9816	0.0084	0.9664	0.967	-0.0006
2024-03-21T13:32:19	1	0	2	2	0	1.0281	1.0281	-0.0001	0.9942	0.9942	0.0000
2024-03-21T13:38:50	2	0	46	45	1	1.0509	1.0506	-0.0003	-0.9903	-0.9902	-0.0001
2024-03-21T13:45:45	2	0	3	3	0	1.0035	1.0032	-0.0003	0.9712	0.9685	0.0027
2024-03-21T13:47:49	2	0	1	1	0	1.0273	1.0273	0.0000	0.9734	0.9734	0.0000
2024-03-21T13:50:44	5	0	23	23	0	1.0297	1.0297	0.0000	0.9059	0.9059	0.0000
2024-03-21T13:52:16	3	0	1	1	0	1.0574	1.0565	-0.0009	0.9185	0.9168	0.0017
2024-03-21T13:53:22	1	0	12	12	0	1.0469	1.0469	0.0000	0.9824	0.9824	0.0000
2024-03-21T13:55:27	2	0	14	13	1	1.0478	1.0470	-0.0008	0.993	0.993	0.0000
2024-03-21T14:02:32	3	0	3	4	-1	1.0338	1.0367	0.0029	0.9906	0.9907	-0.0001
2024-03-21T14:02:50	3	0	6	7	-1	1.0268	1.0151	-0.0117	0.9764	0.9764	0.0000
2024-03-21T14:05:26	1	0	16	15	1	1.0487	1.0481	-0.0006	0.9855	0.9856	-0.0001
2024-03-21T14:05:45	6	0	108	105	3	1.0600	1.0596	-0.0004	0.9303	0.9298	0.0005
2024-03-21T14:07:12	3	0	15	15	0	0.9886	0.9884	-0.0002	0.9999	0.9999	0.0000
2024-03-21T14:08:01	4	0	1	0	1	1.0445	null	null	0.9928	0.9925	0.0003
2024-03-21T14:12:33	1	0	1	1	0	1.0585	1.0582	-0.0003	0.9939	0.9938	0.0001
2024-03-21T14:12:34	1	0	5	5	0	1.0303	1.0301	-0.0001	0.9804	0.9803	0.0001
2024-03-21T14:13:17	1	0	2	2	0	1.0479	1.0479	0.0000	0.9998	0.9998	0.0000
2024-03-21T14:14:39	4	0	8	9	-1	1.0559	1.0549	-0.0010	-0.9971	-0.997	-0.0001
2024-03-21T14:15:48	1	0	1	1	0	1.0302	1.0296	-0.0006	0.9903	0.9899	0.0004
2024-03-21T14:16:45	2	0	3	3	0	1.0252	1.0246	-0.0006	0.9627	0.9619	0.0008
2024-03-21T14:17:33	1	0	11	11	0	1.0404	1.0404	0.0000	0.993	0.9929	0.0001
2024-03-21T14:17:50	1	0	17	16	1	1.0465	1.0460	-0.0006	0.9985	0.9985	0.0000
2024-03-21T14:17:51	2	0	9	9	0	1.0309	1.0309	0.0000	0.9805	0.9804	0.0001
2024-03-21T14:19:31	2	0	1	1	0	1.0282	1.0281	-0.0001	-0.9849	-0.9849	0.0000
2024-03-21T14:20:46	5	0	14	12	2	1.0232	1.0193	-0.0040	0.9027	0.9022	0.0005
2024-03-21T14:21:09	11	0	74	72	2	1.0561	1.0561	-0.0001	-0.9982	-0.9983	0.0001
2024-03-21T14:21:11	6	0	44	43	1	1.0470	1.0470	0.0001	-0.9948	-0.9949	0.0001
2024-03-21T14:21:34	2	0	47	48	-1	1.0566	1.0566	0.0000	0.996	0.9961	-0.0001
2024-03-21T14:22:13	2	0	19	18	1	0.9789	0.9744	-0.0045	0.9997	0.9997	0.0000
2024-03-21T14:22:59	2	0	3	2	1	1.0372	1.0363	-0.0009	-0.9981	-0.9982	0.0001
2024-03-21T14:23:02	2	0	6	5	1	1.0492	1.0488	-0.0004	0.9945	0.9956	-0.0011
2024-03-21T14:27:28	1	0	1	1	0	1.0557	1.0552	-0.0005	0.9855	0.9851	0.0004
2024-03-21T14:28:42	1	0	4	4	0	1.0570	1.0569	-0.0001	0.9672	0.967	0.0002
2024-03-21T14:29:22	2	0	4	4	0	1.0540	1.0539	-0.0001	-0.9999	-0.9999	0.0000
2024-03-21T14:29:40	4	0	13	12	1	1.0504	1.0507	0.0003	-0.9952	-0.9953	0.0001
2024-03-21T14:30:57	1	0	20	20	0	1.0482	1.0482	0.0000	-0.9955	-0.9957	0.0002

2024-03-21T14:31:21	3	0	1	1	0	1.0614	1.0583	-0.0031	0.9951	0.9946	0.0005
2024-03-21T14:31:29	1	0	16	16	0	1.0451	1.0451	0.0000	0.9999	0.9999	0.0000
2024-03-21T14:31:46	4	0	5	5	0	1.0247	1.0243	-0.0004	0.9612	0.9601	0.0011
2024-03-21T14:32:04	1	0	1	1	0	1.0331	1.0330	-0.0001	0.9903	0.9901	0.0002
2024-03-21T14:32:17	1	0	103	102	1	1.0558	1.0558	0.0000	0.9944	0.9944	0.0000
2024-03-21T14:32:34	1	0	12	11	1	1.0418	1.0415	-0.0003	0.9932	0.9932	0.0000
2024-03-21T14:32:39	1	0	7	7	0	1.0393	1.0391	-0.0002	-0.9997	-0.9997	0.0000
2024-03-21T14:32:52	2	0	9	9	0	1.0322	1.0321	0.0000	0.9825	0.9825	0.0000
2024-03-21T14:34:21	12	0	53	51	2	1.0543	1.0536	-0.0007	0.9988	0.9986	0.0002
2024-03-21T14:34:32	2	0	1	1	0	1.0288	1.0286	-0.0002	-0.9836	-0.9836	0.0000
2024-03-21T14:35:06	2	0	1	1	0	1.0334	1.0328	-0.0006	0.9532	0.9523	0.0009
2024-03-21T14:35:28	1	0	3	3	0	1.0328	1.0327	-0.0001	0.953	0.9526	0.0004
2024-03-21T14:35:47	5	0	27	26	1	1.0388	1.0381	-0.0007	0.9071	0.9065	0.0006
2024-03-21T14:36:05	1	0	26	25	1	1.0545	1.0543	-0.0002	-0.9996	-0.9996	0.0000
2024-03-21T14:36:05	2	0	2	2	0	1.0264	1.0263	-0.0001	0.9869	0.9868	0.0001
2024-03-21T14:36:10	11	0	131	125	6	1.0597	1.0596	-0.0001	-0.9975	-0.9976	0.0001
2024-03-21T14:36:21	1	0	6	6	0	1.0528	1.0527	-0.0001	-0.9695	-0.9693	-0.0002
2024-03-21T14:36:35	2	0	47	47	0	1.0566	1.0565	0.0000	0.9988	0.9987	0.0001
2024-03-21T14:37:14	5	0	25	26	-1	0.9477	0.9476	0.0000	0.9997	0.9996	0.0001
2024-03-21T14:37:22	6	0	47	46	1	1.0467	1.0467	0.0000	-0.9937	-0.9937	0.0000
2024-03-21T14:37:42	1	0	7	7	0	0.9399	0.9400	0.0001	0.9128	0.9132	-0.0004
2024-03-21T14:38:00	2	0	1	1	0	1.0386	1.0384	-0.0002	-0.9953	-0.9953	0.0000
2024-03-21T14:42:35	1	0	1	1	0	1.0565	1.0562	-0.0003	0.9943	0.9942	0.0001
2024-03-21T14:43:17	9	0	61	59	2	0.9791	0.9790	0.0000	0.9701	0.9695	0.0006
2024-03-21T14:43:46	1	0	1	1	0	1.0352	1.0346	-0.0006	0.9844	0.9841	0.0003
2024-03-21T14:44:24	2	0	5	5	0	1.0521	1.0521	0.0000	-0.9999	-0.9999	0.0000
2024-03-21T14:44:27	1	0	6	6	0	1.0409	1.0408	-0.0001	-0.9892	-0.9893	0.0001
2024-03-21T14:44:41	4	0	12	12	0	1.0539	1.0539	-0.0001	-0.9945	-0.9946	0.0001
2024-03-21T14:44:58	2	0	30	30	0	1.0540	1.0540	0.0000	0.996	0.9958	0.0002
2024-03-21T14:45:39	3	0	43	42	1	1.0524	1.0523	-0.0001	-0.9998	-0.9998	0.0000
2024-03-21T14:45:49	8	0	6	5	1	1.0266	1.0293	0.0027	0.9795	0.9787	0.0008
2024-03-21T14:46:22	3	0	3	3	0	1.0167	1.0171	0.0004	0.9952	0.9952	0.0000
2024-03-21T14:47:18	1	0	118	117	1	1.0558	1.0558	0.0000	0.9954	0.9955	-0.0001
2024-03-21T14:50:07	2	0	1	1	0	1.0344	1.0339	-0.0005	0.9543	0.9534	0.0009
2024-03-21T14:50:17	1	0	39	38	1	1.0532	1.0532	0.0000	-0.9795	-0.9794	-0.0001
2024-03-21T14:50:48	1	0	30	28	2	1.0284	1.0270	-0.0014	0.9094	0.9091	0.0003
2024-03-21T14:51:22	3	0	20	19	1	1.0561	1.0560	-0.0001	-0.9698	-0.9701	0.0003
2024-03-21T14:52:15	1	0	27	27	0	0.9651	0.9649	-0.0002	0.9994	0.9994	0.0000
2024-03-21T14:52:21	2	0	6	6	0	1.0511	1.0509	-0.0002	-0.9963	-0.9963	0.0000
2024-03-21T14:53:55	1	0	85	84	1	1.0536	1.0536	0.0000	-0.9886	-0.9886	0.0000
2024-03-21T14:55:17	1	0	1	1	0	1.0195	1.0195	0.0000	0.9737	0.9736	0.0001
2024-03-21T14:57:02	1	0	9	9	0	1.0421	1.0421	0.0000	0.9811	0.981	0.0001
2024-03-21T14:58:44	1	0	4	4	0	1.0515	1.0513	-0.0002	0.963	0.9628	0.0002
2024-03-21T15:00:40	3	0	54	52	2	1.0535	1.0533	-0.0001	-0.9996	-0.9995	-0.0001
2024-03-21T15:01:23	3	0	1	2	-1	0.9662	1.0112	0.0450	0.994	0.994	0.0000
2024-03-21T15:02:10	1	0	10	12	-2	1.0394	1.0386	-0.0008	0.9933	0.9933	0.0000
2024-03-21T15:03:27	2	0	2	2	0	1.0335	1.0333	-0.0002	0.9932	0.993	0.0002
2024-03-21T15:05:49	1	0	31	28	3	1.0295	1.0273	-0.0022	0.9106	0.9102	0.0004
2024-03-21T15:07:16	1	0	10	10	0	0.9952	0.9948	-0.0004	0.9998	0.9997	0.0001
2024-03-21T15:07:26	1	0	48	48	0	1.0532	1.0532	-0.0001	-0.9974	-0.9974	0.0000
2024-03-21T15:13:19	1	0	76	76	0	0.9720	0.9720	0.0000	0.9683	0.9683	0.0000
2024-03-21T15:14:00	1	0	2	2	0	1.0283	1.0281	-0.0003	0.9822	0.982	0.0002
2024-03-21T15:19:08	3	0	3	3	0	1.0021	1.0024	0.0003	0.9253	0.9249	0.0004
2024-03-21T15:22:17	1	0	12	12	0	0.9932	0.9929	-0.0003	1	1	0.0000
2024-03-21T15:26:27	1	0	1	1	0	1.0268	1.0255	-0.0013	-0.9944	-0.9938	-0.0006
2024-03-21T15:28:46	1	0	4	4	0	1.0535	1.0535	0.0000	0.9714	0.9714	0.0000
2024-03-21T15:29:28	1	0	1	1	0	1.0400	1.0392	-0.0008	-0.9997	-0.9997	0.0000
2024-03-21T15:31:29	3	0	4	4	0	1.0258	1.0260	0.0002	0.9959	0.9959	0.0000
2024-03-21T15:32:56	1	0	9	9	0	1.0331	1.0331	0.0000	0.9845	0.9845	0.0000
2024-03-21T15:33:33	1	0	28	28	0	1.0490	1.0489	-0.0001	0.9004	0.9	0.0004
2024-03-21T15:34:39	1	0	17	15	2	1.0634	1.0633	-0.0001	0.9866	0.9863	0.0003
2024-03-21T15:35:02	1	0	1	1	0	1.0280	1.0275	-0.0005	-0.9977	-0.9977	0.0000
2024-03-21T15:35:51	1	0	23	22	1	1.0468	1.0462	-0.0006	0.9135	0.9132	0.0003
2024-03-21T15:36:09	2	0	2	3	-1	1.0263	1.0252	-0.0011	0.986	0.9856	0.0004
2024-03-21T15:37:18	3	0	11	11	0	1.0031	1.0027	-0.0004	1	1	0.0000
2024-03-21T15:37:46	1	0	9	10	-1	0.9562	0.9549	-0.0012	0.9258	0.9255	0.0003
2024-03-21T15:41:02	4	0	72	72	0	0.9740	0.9739	-0.0001	0.9982	0.9987	-0.0005
2024-03-21T15:41:28	1	0	18	17	1	1.0475	1.0475	0.0000	-0.9821	-0.9821	0.0000
2024-03-21T15:42:51	3	0	48	48	0	1.0486	1.0485	0.0000	0.9989	0.9989	0.0000
2024-03-21T15:50:52	1	0	36	35	1	1.0330	1.0328	-0.0002	0.909	0.9087	0.0003
2024-03-21T15:56:16	1	0	5	5	0	1.0440	1.0439	-0.0001	0.9997	0.9997	0.0000
2024-03-21T15:56:29	1	0	1	0	1	1.0322	null	null	-0.9915	-0.9913	-0.0002
2024-03-21T16:05:53	1	0	25	25	0	1.0378	1.0376	-0.0002	0.9131	0.9128	0.0003
2024-03-21T16:07:20	1	0	6	6	0	0.9572	0.9572	-0.0001	-1	-1	0.0000
2024-03-21T16:12:42	1	0	4	4	0	1.0390	1.0390	0.0000	0.9861	0.986	0.0001
2024-03-21T16:13:02	1	0	1	1	0	1.0338	1.0335	-0.0003	-0.9745	-0.9747	0.0002
2024-03-21T16:16:36	3	0	180	177	3	1.0530	1.0530	0.0000	-0.9993	-0.9994	0.0001
2024-03-21T16:20:54	1	0	5	5	0	0.9840	0.9838	-0.0002	0.8991	0.8988	0.0003
2024-03-21T16:23:07	1	0	2	2	0	1.0391	1.0391	0.0000	-0.9962	-0.9962	0.0000
2024-03-21T16:23:10	2	0	1	1	0	1.0413	1.0412	-0.0001	0.9939	0.9937	0.0002
2024-03-21T16:26:31	1	0	2	2	0	1.0257	1.0252	-0.0006	-0.9859	-0.986	0.0001
2024-03-21T16:36:35	3	0	1	0	1	1.0450	null	null	-0.9997	-0.9995	-0.0002
2024-03-21T18:13:37	1	0	1	1	0	1.0379	1.0379	0.0000	-1	-1	0.0000
2024-03-21T18:25:35	1	0	34	32	2	0.9555	0.9564	0.0009	0.9874	0.9926	-0.0052
2024-03-21T18:29:42	2	0	1	1	0	1.0452	1.0452	0.0000	0.999	0.999	0.0000

PPL Electric Exhibit CD-5

HIGHLY CONFIDENTIAL

PPL Electric Exhibit CD-6

HIGHLY CONFIDENTIAL

PPL Electric Exhibit CD-7

HIGHLY CONFIDENTIAL

PPL Electric Exhibit CD-8

DER Monitoring Response

Location: Watson Sub, Susquehanna Region
Contact for Details: Preston Clark (DER Management)

Document#: PPL-DER-WP-0040
Revision: 1
Date: 11/9/2023

Overview	
Trigger	DER communication lost
Use Case	DER Monitoring Response
DER information	5 kW solar
Cause of Violation	☐ DER interconnection ☐ Transmission voltage ☐ Cap bank failure ☐ Device mis operations ☐ High load V drop ☐ High penetration V rise ☒ **Other:** Blown Fuse
☒ **Active Management**	
	Benefits Gained: - Customer loss of generation was identified and resolved, enabling the customer's generation capabilities. **Customer Saving:** - Reduced lost system production and associated customer savings.

I. Problem Statement

PPL Operations identified a customer DER Management device using ADMS that was not communicating (starting 7/29/2023) and in response a service technician was sent to investigate. The service technician identified a blown fuse in the customer's fused AC disconnect between the inverter and the meter (as seen in Figure 1: Diagram of Customer System's Connection to Utility Meter, below), which blocked production of the inverter.

Figure 1: Diagram of Customer System's Connection to Utility Meter

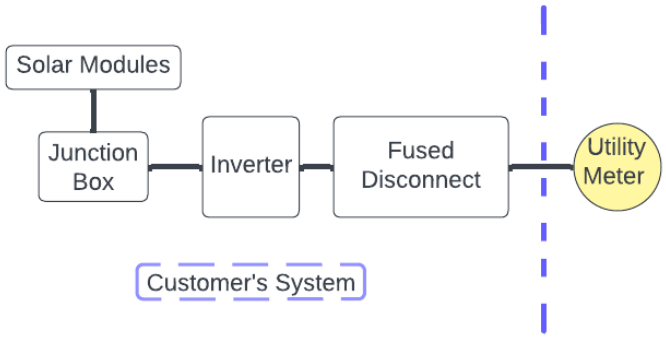

II. Resolution

In response to the blown fuse, PPL contacted the installer to work with the customer, ensuring restoration of the customer's ability to generate power. Communication with the DER Management device and inverter production was restored 10/23/2023 following the installer's implementation of a new fuse.

III. Conclusion

The customer's loss of generation was identified because of PPL's DER Management program, enabling the customer's generation capabilities to be restored. Without DER management, the customer's loss of generation would have continued for an unknown duration, resulting in lost system production and any associated customer savings during the extended period of time. In the future, helping to keep customer generation online will mean more accurate day ahead forecasting, as well as maintaining and enhancing customer experience.

PPL Electric Exhibit CD-9

HIGHLY CONFIDENTIAL

PPL Electric Exhibit CD-10

HIGHLY CONFIDENTIAL

PPL Electric Exhibit CD-11

HIGHLY CONFIDENTIAL

PPL Electric Exhibit CD-12

HIGHLY CONFIDENTIAL

BEFORE THE
PENNSYLVANIA PUBLIC UTILITY COMMISSION

Petition of PPL Electric Utilities Corporation	:	
for Approval of its Second Distributed Energy	:	Docket No. P-2024-_____
Resources Management Plan	:	

DIRECT TESTIMONY OF REIGH A. WALLING

PPL Electric Statement No. 4

May 20, 2024

Q. PLEASE STATE YOUR NAME AND BUSINESS ADDRESS.

A. My name is Reigh A. Walling, and my business address is 438 Vischer Ferry Road, Clifton Park, NY 12065.

Q. BY WHOM ARE YOU EMPLOYED AND IN WHAT CAPACITY?

A. I am the proprietor and sole professional of Walling Energy Systems Consulting, LLC, a consultancy focused on distributed and renewable electric energy systems.

Q. WHAT IS YOUR EDUCATIONAL BACKGROUND?

A. I received Bachelor of Science (cum laude) and Master of Engineering Degrees in Electric Power Engineering from Rensselaer Polytechnic Institute in 1974 and 1979, respectively.

Q. PLEASE DESCRIBE YOUR PROFESSIONAL EXPERIENCE.

A. For nearly 12 years, I have provided independent electric power system consulting services to electric utilities, Distributed Energy Resource ("DER") developers, DER equipment manufacturers, and research institutions. A majority of my work in this consultancy has involved DER and renewable energy systems, specifically with regard to standards, interconnection requirements, and system performance. I have been a major contributor to the development of the IEEE Std 1547 series of standards, including the original IEEE Std 1547-2003© version, the 2018 revision (IEEE Std 1547-2018©), and the current working group developing the next revision of this standard. I also was involved in developing the related IEEE 1547.1 standards, which are the companion

standards defining IEEE 1547 compliance verification and testing, for both the original IEEE Std 1547.1-2005© and current IEEE Std 1547.1-2020© versions of this standard. I was also a major contributor to the application guides to IEEE 1547, including the original development (IEEE Std 1547.2-2008©) and recent revision (IEEE Std 1547.2-2024©).

I have participated in numerous DER-related research projects for the Electric Power Research Institute ("EPRI"). One of these projects was specifically focused on the subject of "smart inverter" settings (parameters) and how these affect system performance and stability. For one of my clients, a major utility in the Northeast, I have developed DER interconnection technical requirements, including comprehensive screening criteria. Other consulting work I perform involves large-scale transmission-connected renewable resource interconnection (e.g., wind and solar farms), High-Voltage Direct Current ("HVDC") transmission systems, and the impacts of geomagnetic disturbances on electric power systems.

Prior to forming my consulting firm in 2012, I was employed for 32 years in the Energy Consulting unit of General Electric ("GE"), performing similar consulting work in a progression of titles and responsibilities, culminating in the position of Technical Director. One of my major assignments at GE was as the manager of the Distribution Systems Testing, Application, and Research ("DSTAR") organization, a consortium of over two dozen electric utilities supporting pragmatic distribution system research and development.

I was elected a Fellow of the Institution of Electrical and Electronic Engineers ("IEEE") in 2005, an honor limited to one-tenth of one percent of the IEEE membership

in any one year. In 2009, I was awarded the IEEE Excellence in Power Distribution Award. I have participated in many IEEE working groups, including leadership roles. Of particular relevance to this testimony is that I was the founding chair of the IEEE's Distributed Generation Integration working group.

Q. HAVE YOU PREVIOUSLY TESTIFIED AS A WITNESS BEFORE THE PENNSYLVANIA PUBLIC UTILITY COMMISSION ("COMMISSION")?

A. No.

Q. HAVE YOU TESTIFIED AS A WITNESS BEFORE OTHER REGULATORY COMMISSIONS?

A. Yes. I provided testimony in the following cases:

1. Before the Connecticut Siting Council, ca. 2004–2005, regarding technical aspects of underground transmission alternatives to a proposed extensive 345 kV transmission development (Middletown to Norwalk).
2. Before the Texas Public Utilities Commission, ca. 2008, regarding ancillary service requirements related to integration of large-scale wind development in the Electric Reliability Council of Texas ("ERCOT") power grid.

Both of these testimonies were submitted while I was employed at GE Energy Consulting, and I no longer have access to records that can indicate exact dates and dockets.

Q. HAVE YOU BEEN RETAINED BY PPL ELECTRIC TO TESTIFY ON BEHALF OF THE COMPANY IN SUPPORT OF THE ABOVE-CAPTIONED PETITION?

A. Yes.

Q. WOULD YOU PLEASE DESCRIBE THE SUBJECT MATTER OF YOUR TESTIMONY?

A. My testimony will address: (1) the development of IEEE 1547-2018, along with the standard's purpose and requirements; (2) the operational challenges created by DER on an electric distribution system; (3) the operational benefits of utility monitoring and management of DERs; and (4) the potential future consequences of integration of DERs without adequate utility visibility and management.

Q. ARE YOU SPONSORING ANY EXHIBITS WITH YOUR TESTIMONY?

A. Yes, I am sponsoring the following exhibits:

- PPL Electric Exhibit RW-1 – a copy of my curriculum vitae.

I. THE COMMISSION SHOULD APPROVE PPL ELECTRIC'S SECOND DER MANAGEMENT PLAN

A. IEEE 1547-2018

Q. WHAT IS IEEE 1547-2018?

A. IEEE Std 1547-2018© is the current version of IEEE 1547, which is the "IEEE Standard for Interconnection and Interoperability of Distributed Energy Resources with Associated Electric Power Systems Interfaces". The intent of this standard is to establish uniform electric grid interconnection and data interoperability requirements for DER. While

IEEE standards are inherently voluntary, their adoption by regulatory and jurisdictional entities effectively makes such standards mandatory. This standard provides a widely-accepted technical basis for regulatory requirements that can be flexibly adjusted to regional differences. IEEE 1547 has been widely adopted in the United States, as well as many other countries. The federal Energy Policy Act of 2005 specifically references IEEE 1547, stating "Interconnection services shall be offered based upon the standards developed by the Institution of Electrical and Electronic Engineers: IEEE Standard 1547 for Interconnecting Distributed Resources with Electric Power Systems, as they may be amended from time to time." Energy Policy Act of 2005, Pub. L. No. 109-58, § 1254 (2005).

Q. WHEN WAS IEEE 1547 FIRST DEVELOPED?

A. The original version of IEEE 1547 was formally approved by the IEEE-Standards Association Standards Board in 2003. Work on this standard began in the 1998 timeframe; I became involved in 1999. Prior to this standard, DER interconnection requirements varied widely from utility to utility, and there was a great deal of contention between DER proponents and electric utilities. The wide variety of DER interconnection requirements was difficult for manufacturers of DER equipment to support and was confusing to the industry, resulting in great inefficiency and the creation of a major obstacle to DER implementation. The intent of the standard was to develop uniform requirements for which equipment can be designed and tested for compliance. While some individual utility technical requirements beyond IEEE 1547 persist, these requirements are generally supplemental to the IEEE 1547 requirements. The adoption

of this standard has been a major factor supporting the exponential growth of DER over the past two decades.

The original IEEE Std 1547-2003© was reaffirmed without change in 2008, in accordance with the IEEE Standards Association policy at the time, which required standards to be either rewritten, reaffirmed, or retired by five years after approval. The standard was amended in 2014 to implement very limited changes.

A later IEEE-SA policy change extended the maximum life of IEEE standards to 10 years, but no longer allowed simple reaffirmation. Instead, standards had to be either re-developed by a working group or retired by the 10-year point. As a result, a working group was convened in 2014 to rewrite IEEE 1547, culminating in the current IEEE 1547-2018. Presently, a new working group is developing the next revision of this standard. I am again heavily engaged in this effort. The changes from the 2003 to 2018 versions were dramatic. It is my opinion, as well as the stated goals of the working group leadership, that the changes from the current 2018 version to the next version will be primarily incremental.

Q. HOW HAVE CHANGES IN DER TECHNOLOGY, INCREASES IN DER PENETRATION, AND UTILITY DIGITIZATION DRIVEN REVISIONS THAT HAVE BEEN MADE TO IEEE 1547 SINCE ITS ORIGINAL DEVELOPMENT?

A. At the time of the development of IEEE 1547-2003, DER had a very limited presence in distribution systems. My observation of the attitudes of most electric utility participants in the standard working group was that they believed DERs would have only a detrimental impact to the distribution system, and in the event of any disturbance, DERs

should be immediately taken off the utility grid. The power generation capacity provided by DERs was seen as insignificant and there was little vision that DERs could provide a supportive role for the electric power system.

DERs at the turn of the millennium were primarily conventional rotating generators, powered by engines or turbines. Many participants in the original IEEE 1547 development working group openly stated to me a belief that inverter-based DERs, such as photovoltaics, would never amount to any significant level of system penetration.

Over the past two decades, subsequent to the development of the original IEEE 1547-2003, the growth of DERs has been exponential. This growth includes both relatively large megawatt-scale solar farms as well as behind-the-meter DERs located in both residential and commercial premises. The nature of the DERs has changed dramatically, with the majority of DERs now interfaced to the AC power grid using power electronic inverters, primarily using photovoltaic panels as the energy source. Recently, there has also been rapid growth of distributed battery energy storage.

The aggregate power capacity provided by DERs has now become a substantial component of the power grid's generation. Bulk power system reliability entities, such as the North American Electric Reliability Corporation ("NERC"), the Federal Energy Regulatory Commission's ("FERC") designated watchdog of grid reliability, has determined that DERs have considerable potential impact on system reliability. Under the requirements of IEEE 1547-2003, DERs were required to trip offline immediately for even modest voltage dips. Transmission system short-circuit faults can cause distribution voltage to be depressed over a large geographic area. Simultaneous tripping of DERs throughout the affected area can cause a significant loss of generation, adversely

affecting the necessary balance between generation and load demand, which could cause excessive power flows, instability, and even potential system collapse into blackout.

The growth of DER penetration also has substantial potential to disrupt distribution system voltage management. Voltage issues present the most common limitations of distribution system DER hosting capacity; *i.e.*, the ability of the distribution system to accommodate DER without exceeding the limitations of the distribution system equipment and the quality of service provided to other customers.

DERs, both inverter and synchronous generator types, have the inherent capability to inject or absorb reactive (kVAR) power as well as injecting active, or real (kW), power. It is well understood that DERs' reactive power can be used to mitigate some or all of the voltage impacts that the DERs' active power injection can create.

In addition to changes in DERs, there have been major technical advancements in the power grid with the advent of "smart grid" technology. Digitization of power system controls, including the implementation distribution management systems ("DMS"), advanced distribution management systems ("ADMS"), and various smart grid functionalities, such as system self-healing and optimized voltage management, exposed the need for DER to have data interoperability with such systems.

A minor amendment of IEEE 1547 was made in 2014, based on work that started in 2012, to allow, but not require, DERs to remain online through certain grid disturbances and to regulate voltage.

The changes in situation by the time that the work began in 2014 for complete re-development of IEEE 1547, resulting from massive DER capacity increase combined with technical advances, inspired a refocus in the revised IEEE 1547 for DERs to be a

more effective "team player" in the electric power grid. The need was realized for DERs to maintain continuity of operation during system disturbances to protect system reliability, participate in system voltage and frequency management, mitigate adverse DER impacts, and to communicate with electric power system controls. The major revisions of the standard in the 2018 version substantially addressed these needs.

Q. COULD YOU PLEASE EXPLAIN YOUR WORK ON AND EXPERIENCE WITH IEEE 1547?

A. As mentioned above, I first became involved with the working group developing the initial IEEE 1547 standard in 1999. Because of the very large size of the working group (351 members), a small 24-member "writing group" was formed to shape the inputs of the larger body into the exact language of the draft standard. I was selected to be part of this writing group. After the draft standard went to ballot (using the IEEE's accredited balloting process open to participation across the industry), I was also selected to serve on the ballot resolution committee, which addressed balloter comments and modified the standard draft as necessary to achieve the required industry consensus. This standard was approved with overwhelming consensus to become IEEE 1547-2003.

Following completion of IEEE 1547-2003, I became involved with development of related standards in the 1547 series, including the companion test and compliance verification standard (IEEE 1547.1-2005), and the application guide to IEEE 1547-2003 (IEEE 1547.2-2008). I also participated in the amendment of the base standard, which became IEEE Std 1547a-2014©.

When the complete redevelopment of IEEE 1547 began in 2014, I was involved in the working group in a leadership capacity (co-facilitator of a sub-group) with the sponsorship and support of the U.S. Department of Energy via the Sandia National Laboratory. I continued in that role throughout the development of what became IEEE 1547-2018, including participation in the ballot resolution committee that shaped the final document. Subsequent to completion of this standard, I was involved in the re-development of the test standard (IEEE 1547.1-2020), again with U.S. Department of Energy support, and the application guide (IEEE 1547.2-2024).

A redevelopment cycle of the base IEEE 1547 standard has already begun, and I have been actively participating in this working group starting in 2023 and continuing to the present.

Q. WHAT DOES IEEE 1547-2018 REQUIRE FOR DER, INCLUDING SMART INVERTERS?

A. The original IEEE 1547-2003 established very basic DER interconnection requirements which included:

- Prohibition of energization of an otherwise de-energized distribution circuit.
- Disconnection of the DER from the utility system for distribution system faults and other voltage and frequency deviations.
- Prohibition on causation of voltages on the distribution system outside of accepted bounds.
- Limitation of harmonic current distortion.

- Detection and cessation of energization of a disconnected distribution feeder (island detection).

The significantly revised IEEE 1547-2018 retained these basic requirements with some changes, but introduced many additional requirements including:

- Minimum reactive power injection and absorption capability. The intent of this requirement is that this reactive power capability can be deployed to help regulate the distribution system voltage, particularly to mitigate voltage impacts caused by the DER. The prohibition by the original IEEE 1547-2003 of DER regulation of voltage was interpreted by many that a DER should only operate at unity power factor (no reactive power). Consequently, many inverter-based DERs were previously not designed to have any reactive power capability.
- Capability to control the reactive power according to several different defined functions, including the "volt-var" function where reactive power is varied as a function of the measured local voltage. This requirement is effectively a voltage regulation function. The original IEEE 1547-2003 strictly prohibited DERs from performing any voltage regulation.
- Ability to ride through (*i.e.*, not trip offline) for voltage and frequency disturbances of specified severities for specified durations. These ride-through characteristics were coordinated with the expected severity and durations of bulk transmission faults and frequency disturbances, such that DER do not trip offline as a result of bulk transmission disturbances. Consequential tripping of DER for such disturbances poses the distinct possibility of substantially aggravating the

severity of large-scale system disturbances, thereby posing a threat to power grid security and reliability. IEEE 1547-2018 retains the requirement for DER to trip offline, similar to previous requirements in IEEE 1547-2003, but with adjustment of parameters to better coordinate with bulk system security needs.

- Limitations on the allowable power quality impact of DERs, specifically regarding lamp flicker (repetitive voltage variations) and rapid voltage change (isolated abrupt changes in voltage). Limitations on harmonic distortion in IEEE 1547-2018 are similar to the previous requirements with some adjustments of parameters.
- Automatic variation of active (real, or kW) power with grid frequency. This is the functionality of the speed governor of a rotating generator DER and is applied to all DERs, including inverter-based DERs. The intent of this requirement is to provide support to grid frequency regulation by increasing DER power output when the frequency of the grid drops below the 60 Hz nominal value, and decreasing power output when the frequency rises above nominal. With the growth of inverter-based generation, at both the distribution and transmission levels, and the concurrent retirement of conventional generating plants, the mechanical inertia of the power grid will decrease. As a result, grid frequency will tend to vary more quickly as a result of changes in the balance between load demand and generation. This new requirement of IEEE 1547-2018 ensures that DERs provide commensurate contribution to grid frequency regulation and helps avoid excessive frequency variations that can lead to grid collapse and blackout.

- Capability for interoperability and information exchange with external entities, typically the interconnected utility, using a unified information model and standard communication protocols. This interoperability includes real-time measurements of DER parameters, such as active and reactive power output, terminal voltage, ability for the external entity to disable and enable DER operation and set power output limits, and change DER parameters (e.g., voltage regulation setpoints), in real time. This requirement for interoperable capability applies to all DERs, regardless of whether the host utility or any other entity provides the communication medium to the DER point of connection at the time of original DER installation. The intent of this requirement is to allow DER operation to be properly coordinated with the operation and security of the distribution system and power system at large in the future, if not immediately, as the complexity of the DER-penetrated grid increases.

Other changes made in the 2018 version that are not specifically new capability requirements include:

- Interconnection and performance of microgrids when connected to the distribution system is defined.
- Large utility-scale DER facilities (e.g., solar farms connected to distribution systems) are distinguished from smaller behind-the-meter DER installations with regard to the point where requirements are applied.

- Test and conformance evaluation requirements are made dependent on where the standard requires the performance requirements to apply and whether the DER unit is a pre-tested device or a bespoke assemblage of components.

The above new requirements comprise substantial, if not revolutionary, changes to DER capabilities that have been deemed necessary to accommodate the rapid increase of DER penetration, coordinate with modern digitized power grids, and leverage the capabilities of advancing technology to provide necessary grid-supporting services.

Q. HOW DO PPL ELECTRIC'S FIRST AND SECOND DER MANAGEMENT PLANS BUILD UPON IEEE 1547-2018'S PURPOSE AND REQUIREMENTS?

A. The underlying vision put forth in IEEE 1547-2018 is that DERs provide grid support and minimize their own adverse power system impacts in coordination with utility distribution system controls. PPL Electric's First and Second DER Management Plans are prudent steps toward fulfillment of this vision by utilizing the advanced grid support features required of DERs under this standard, in a flexible manner and through integration with distribution system controls, to meet objectives of providing quality and reliable service to all electric consumers on the relevant circuits. Most significantly, the Plans integrate DERs into a cohesive and coordinated system management architecture by utilizing real-time management of DER grid-support function parameters and increasing visibility of DER operations using the data interoperability requirements of the standard. While the standard provides functions that can be applied with fixed parameters and thus perform autonomously, this is very sub-optimal in a modern

automated distribution system that can be topologically reconfigured to address loading and reliability constraints and requires significant performance compromises. A distribution circuit with substantial DERs connected will have a wide variety of operational situations over days and over seasons for which fixed DER parameters provide compromised performance. Also, modern distributions systems are designed to be self-healing by performing reconfiguration of the distribution system topology in response to faults and outages. DER management parameters that are appropriate for the normal system configuration can be counterproductive in an alternate system configuration. Dynamic adjustment of parameters, as will be made possible by the Second DER Management Plan, allows more complete implementation of the potential benefits afforded by the standard's DER functionality requirements.

B. OPERATIONAL CHALLENGES CREATED BY DERS

Q. IN YOUR EXPERIENCE, WHAT OPERATIONAL CHALLENGES DO DERS PRESENT ON ELECTRIC DISTRIBUTION SYSTEMS?

A. DERs pose numerous challenges to safe and reliable operation of electric distribution systems and to the electrical grid at large. These can be summarized as follows:

- The active (real, or kW) power injection by DERs create distribution system voltage changes that can result in voltage exceeding regulatory limits. Voltage profiles along distribution feeders can be substantially different from that which the distribution circuit and its voltage regulation devices have been designed.
- DER active and reactive power flow can interact with utility controls intended to regulate distribution system voltage, such as substation transformer on-load

tapchanger controls, series voltage regulator controls, and capacitor bank controls, in a way that detracts from the ability of these controls to effectively manage distribution system voltage magnitude. In certain scenarios, this can lead to excessively low voltage provided to some customers, as well as high voltage to other customers.

- Voltage increase caused by DERs can disrupt conservation voltage reduction schemes, leading to excess energy consumption by consumers.
- Variability in output of certain types of DERs, such as photovoltaics, can cause voltage variations that cause excessively-frequent operation of mechanical devices intended for voltage management (e.g., regulators and switched capacitor banks), thus increasing wear-and-tear of this equipment and leading to premature failure or increased maintenance requirements. Voltage variations can also be disturbing to other customers and decrease the allowable operating range for system voltage in order to accommodate variations.
- DER power injection can overload circuits and equipment, leading to failure or accelerated loss of life.
- Although DERs are required by IEEE 1547 to cease energization of disconnected distribution circuits (islanding), there is substantial uncertainty regarding the reliability of many DER island detection schemes when applied in practical circumstances. Continued energization of an "islanded" distribution feeder or system by DER can pose a significant risk to utility workers and to the public.
- DERs' current contribution to distribution system short-circuit faults can result in mis-coordination of protection and consequent decrease of distribution service

reliability. (This is a much more significant issue for conventional rotating generator DER than for inverter-based DER.)

- Opening of a circuit having more inverter-based DER output than the contemporaneous load demand can result in transient and temporary overvoltages that can reach magnitudes potentially damaging to other customers' equipment.
- DER performance during distribution system ground faults can result in excess temporary overvoltages on un-faulted feeder phases, with magnitude potentially damaging to utility and customer equipment.
- Aggregate DER output on a distribution system can result in damaging temporary overvoltages on transmission and sub-transmission systems during ground faults. These overvoltages are not detectable at the distribution level, sometimes requiring costly installation of protections at the high-voltage side of distribution substations.
- DER output inherently masks, or cancels, actual load demand. This can lead to faulty switching decisions when a distribution system is reconfigured following an outage.
- Load masking makes determination of minimum load conditions difficult. As a result, minimum load is often based on conservative assumptions when assessing DER hosting capacity, based on criteria that include involves the ratio of DER capacity to minimum load. Therefore, uncertainty in determining minimum load and the DER output at the time of minimum load can create unnecessary limitations of allowable DER hosting capacity.

- Load masking by DER confounds load forecasting, leading to inaccurate distribution system planning as well as planning and operations of the bulk power system.
- Uncontrolled turn-on of DER following an outage can disrupt system restoration.
- Transmission faults can potentially cause significant voltage dips over a wide geographic area. This can lead to simultaneous tripping of DER that results in an abrupt large increase of the net load served by the bulk power system, potentially disrupting system frequency, voltage, and angular stability.

Q. ARE THESE CHALLENGES LIMITED TO ELECTRIC DISTRIBUTION SYSTEMS WITH SUBSTANTIAL NUMBERS OF DERS INTERCONNECTED?

A. The impact of DER on a distribution feeder or system is directly related to the aggregate DER capacity. The number of DERs is not directly a factor; a single large DER can have equal or greater impact than an aggregation of smaller DER that totals to the same capacity. Also, concentration of DERs in a certain area can have significant local impact even if the DER penetration level is small on the overall feeder or system.

C. OPERATIONAL BENEFITS OF UTILITY MONITORING AND MANAGEMENT

Q. WHAT ARE THE OPERATIONAL BENEFITS OF UTILITY MONITORING AND MANAGEMENT OF DERS INTERCONNECTED ON THEIR ELECTRIC DISTRIBUTION SYSTEMS?

A. Of the 15 types of DER impacts I previously identified, 11 can potentially be completely eliminated or substantially mitigated by application of DER monitoring and management by the utility.

The most significant benefit is that the reactive power capability of DER can be used as a widely dispersed means of voltage management that can be applied to meet overall distribution system voltage objectives. Where a DER monitoring and management system is not available, it is necessary to use autonomous DER functions based solely on local measurements at the DER. It is not possible for a DER using only local voltage measurements to provide the support necessary to ensure that all customers on a distribution circuit are provided with voltage within established limits.

Depending on circuit loading conditions, it is usually necessary to hold voltage near the head (*i.e.*, substation end) of a distribution feeder to a higher than nominal magnitude such that customers at the remote end of the feeder have adequate voltage. Where autonomously functioning DER are used, practical considerations usually dictate that control settings are defined universally, without respect to location of DERs on a circuit. Typically, this involves a volt-var control setting that attempts to regulate voltage to the nominal value (e.g., 120 V). DERs located near the head of the feeder using such standardized settings will oppose the necessary elevated voltage level established by utility voltage regulation equipment, consuming excess reactive power, increasing system

losses, unnecessarily decreasing available DER active power (kW), and increasing system energy losses. Even if DER settings are customized to the location, there are substantial shortcomings in efficient voltage management. During lighter load periods, voltages can be held unnecessarily high increasing customer energy consumption. Also, in a self-healing distribution system, distribution circuits are reconfigured when outages occur and locations normally near a feeder head may be at the remote feeder end after reconfiguration. Fixed DER voltage management parameters cannot effectively respond to changing system conditions like load and topology variations.

Utility application of DER monitoring and control allows DER behavior to be coordinated with utility voltage controls and to be responsive to the circuit-wide voltage management objectives. Settings of DER reactive power controls can be readily adapted to changes in conditions, such as circuit loading and configuration.

DERs control voltage via reactive power, which inherently increases distribution circuit current flow, thereby consuming capacity and generating additional energy losses. In most cases, DERs on a circuit consume more reactive power than they generate, thus increasing utility requirements to install reactive power compensation equipment (e.g., shunt capacitors) to minimize reactive power interchange with the transmission system. Utility series voltage regulators provide boosts of feeder voltage using voltage transformation which does not generate significant increases in reactive power requirements or losses. Series voltage regulators, however, have limitations in their speed of response as well as cycling limitations. By contrast, DERs have the capability of much faster response and no loss of life or increased maintenance due to frequent reactive power variations. An optimal voltage management design might use series

voltage regulators and switched capacitor banks to manage longer term voltage levels and apply the dynamic flexibility of DERs to provide faster response until the utility regulation equipment responds. This type of coordinated voltage control strategy, using each component's inherent advantages, is not feasible using autonomous DER functions with fixed parameters. A DER management system allows coordinated voltage management that can provide better quality of service to all consumers on a distribution circuit with less wasteful energy consumption by users and decreased energy losses in the distribution system.

Additionally, continuous monitoring and archiving of DER output data avoids load masking. This leads to more reliable circuit reconfiguration to restore service following outages and to more accurate forecasting of both DER output and customer load demand. More accurate forecasts lead to better system planning and more reliable operation.

Further, utility management of DER operating status can be applied as a backup to DER island detection capabilities, increasing worker and public safety. Also, DERs can be pre-emptively shut off prior to an intentional disconnection of a circuit, avoiding the "load rejection overvoltage" issue that can be damaging to customer and utility equipment.

Utility worker safety is also increased if DERs' protective trip functions are made more sensitive during planned live-line work on a circuit. Such sensitive settings conflict with the voltage ride-through requirements of IEEE 1547-2018, but the standard also allows temporary implementation of sensitive settings on specific circuits for the time live-line work is to be performed. Temporary changes of fixed trip settings on DERs not

incorporated into a management system are infeasible due to the typically large number of individual DER units involved. DER management systems, such as PPL Electric's Second DER Management Plan, allow for the relatively easy implementation of temporary settings as necessary.

Q. ARE THESE OPERATIONAL BENEFITS LIMITED TO ELECTRIC DISTRIBUTION SYSTEMS WITH SUBSTANTIAL NUMBERS OF DERS INTERCONNECTED?

A. As previously stated, DER impacts are more closely related to the aggregate DER capacity than to the number of DERs. DER impacts increase with additional DER penetration into a system, and thus benefits of a DER monitoring and management system are greatest where the DER impacts are more pronounced.

However, growth of DER penetration has been exponentially increasing in many areas. Addressing the issues that DER create after penetration has already reached problematic levels creates delay in response that is not in the public interest. DERs already installed at that point will not have the communication and management infrastructure to incorporate them into a coherent and coordinated architecture to accomplish system goals. Incorporating monitoring and management only on incremental DER additions will be only marginally effective, as their benefits will be outweighed by the uncontrolled and unmonitored pre-existing DERs. Retrofitting capabilities can be extremely expensive and problematic to execute when the number of DERs being retrofitted is substantial. A number of years ago, a need was realized to

retrofit certain DER protective function settings across most of Europe, evolving into a project that cost more than a billion Euro and took years to implement.

It is my firm opinion that PPL Electric's Second DER Management Plan is a prudent step in favor of the public's interest to gain operational experience and evaluation of costs and benefits. At some point in the not-so-distant future, massive implementation of DER monitoring and management will become absolutely necessary to address DER impacts caused by DER penetration increases. PPL Electric's First DER Management Plan and Second DER Management Plan are critical to guiding future implementations of DER monitoring and management.

Q. WHAT ARE THE POTENTIAL CONSEQUENCES AND LIMITATIONS CREATED BY INTERCONNECTION OF SUBSTANTIAL NUMBERS OF DERS WITHOUT UTILITY VISIBILITY AND MANAGEMENT?

A. Failure to implement effective DER monitoring and management will either result in markedly decreased utility system efficiency, reliability, and quality of service or severely limited implementation of DER in conflict with public policy promoting DERs.

Q. DOES THIS CONCLUDE YOUR DIRECT TESTIMONY AT THIS TIME?

A. Yes, although I reserve the right to supplement my direct testimony.

PPL Electric Exhibit RW-1

RESUMÉ

REIGH A. WALLING

President and Owner
Walling Energy Systems Consulting, LLC

EDUCATION

B.S. Electric Power Engineering,
Rensselaer Polytechnic Institute, 1974

M. Eng. Electric Power Engineering,
Rensselaer Polytechnic Institute, 1979

SCOPE OF PRACTICE

Mr. Walling provides deep expertise in a wide range of electric power systems fields spanning transmission, distribution, and generation, for which he is well recognized across the industry. He provides the benefits of his broad experience and unique capabilities to identify and clarify the interactions between technologies, economic and business considerations, and the role of standards and regulations. His technical depth lies in a number of diverse technical areas and disciplines, including distributed generation interconnection issues and policies, renewable and inverter-based generation integration and interconnection, HVDC and FACTS transmission systems, geomagnetic disturbance impacts, renewable generation plant design, electromagnetic transients, insulation coordination, and power quality.

HONORS

Elected in 2004 as a Fellow of the Institution of Electrical and Electronic Engineers, an honor limited to one-tenth of one percent of the IEEE membership.

Recipient of the IEEE's Excellence in Distribution Award for 2009.

IEEE PES Prize Paper Award for 1995.

PROFESSIONAL EXPERIENCE

Walling Energy Systems Consulting, LLC (2012 – present)

As founder and principal of Walling Energy Systems Consulting, LLC, Mr. Walling offers his consulting expertise to the industry through a diverse range of engagements, including:

- Consultant to utilities, reliability entities, DER inverter manufacturers and renewable energy plant developers regarding inverter-based and distributed resource grid interconnection requirements.
- Technical research of DER interconnection issues and performance for the Electric Power Research Institute (EPRI), as well as a key contributor to development of analytical tools supporting DER evaluation.
- Leadership in the development of industry standards for the interconnection of inverter-based, renewable, and distributed energy resources.
- Development of detailed technical specifications for procurements of unconventional generation energy and capacity resources, including large-scale energy storage facilities.
- Owner's Engineer for the acquisition, testing and commissioning of major FACTS device installations. Prepared specifications, reviewed bid proposals, and provided technical oversight for pre-installation studies and commissioning activities.
- Research for EPRI on the power system impacts of geomagnetic disturbances and the impacts of geomagnetically-induced current (GIC) mitigation devices.
- Principal consultant for a major power equipment vendor's research and development project involving a novel HVDC transmission concept
- Technical expert supporting due diligence process for investor purchasing HVDC transmission assets.
- Principal technical contributor for a large-scale study of a utility's vulnerability to geomagnetic disturbances, including harmonic impacts.
- Provider of training courses to utilities and major manufacturers.

GE Energy Consulting (1981 – 2012)

At GE, Mr. Walling held a progression of roles, culminating in the position of director in GE's energy and power systems consulting business, serving a wide range of external and internal clients. In this role, he was responsible for defining client needs and guiding technical investigations, research projects, and client engineering support across a wide range of power system technical areas, focusing on transmission and distribution systems as well as renewable generation. His broad expertise in the areas of system interactions and equipment performance were applied to solving power system problems for GE Energy Consulting's clients and developing new applications for advanced apparatus and systems technology.

Mr. Walling has directed major studies related to the integration of variable (renewable) generation resources into bulk power systems, including a pioneering study of ancillary services required to support large-scale wind integration into the ERCOT market. He developed technical requirements for wind and solar plant interconnection for a major Independent System Operator. He was a lead author of the NERC Integration of Variable Generation Task Force report which recommends the wind and solar plant technical performance requirements that are needed to protect bulk grid stability and security.

At GE, Mr. Walling directed technical studies and provided consultation related to renewable generation plant design and grid interconnection. The focus of this work has been on collection system optimization, grounding, insulation coordination, protection, harmonics, and transient performance. He was a co-developer of GE Energy's unique wind plant voltage and reactive power control system.

Mr. Walling began his focused involvement in the technical and policy issues related to interconnection of distributed generation and the integration of distributed generation into the power grid while at GE, starting at the turn of the millennium.

From 1997 to 2002, Mr. Walling was the program manager for DSTAR (Distribution Systems Testing, Application, and Research), which was a consortium of utilities jointly funding distribution systems research. He has performed extensive investigations of distribution equipment application issues, leading many DSTAR research projects since 1991, and has directed development of significant software tools to aid distribution engineering.

Mr. Walling has over 30 years' experience in HVDC transmission systems, including both conventional thyristor-based HVDC and the more recent voltage-source converter HVDC systems. He served in the role of Utility's Engineer for several HVDC transmission system and FACTS projects. In this role, he was responsible for developing the specifications, reviewing system vendor designs and studies, and monitoring commissioning activities.

His earlier work in HVDC, when GE was an HVDC system vendor, was focused on system simulation, control design, and ac-HVDC system interactions. He directed GE's HVDC simulator facility and was responsible for the simulation studies supporting several HVDC projects. He authored several chapters of the EPRI HVDC Handbook.

Mr. Walling's early work at GE focused on transients and the interactions between equipment and the power system, with particular emphasis on interactions involving transformer saturation. His pioneering research, based on extensive full-scale testing, was responsible for reshaping the industry's understanding of distribution transformer ferroresonant overvoltages and the impact of these overvoltages on metal-oxide arresters.

Minnesota Power (1979 – 1981)

Mr. Walling was employed by Minnesota Power in the Operations and System Planning Departments where he performed transient stability, power flow, and electromagnetic transient studies to analyze system expansion plans, investigate failures, and coordinate system control and protection requirements.

U.S. Navy Civil Engineer Corps (1970 – 1974)

As a commissioned officer in the US Navy's Civil Engineer Corps, Mr. Walling was involved in the construction and maintenance of shore facilities. He was directly involved in the operation of Guam's island-wide power system, which supplied both military facilities and the civilian population of approximately 100,000. He also served as the facilities manager for a naval base.

LICENSURE

Mr. Walling is a registered Professional Engineer in the State of Minnesota.

AFFILIATIONS

Mr. Walling has been a very active member of the IEEE Power Engineering Society, having served in several leadership positions. These IEEE PES activities include:

- Working groups for the IEEE 1547 series of standards for distributed energy resource interconnection, including a leadership position in the development of IEEE 1547-2018. Active participant and contributor to the development of IEEE 2800, which establishes requirements for inverter-based resource interconnection to transmission systems, and he is currently involved in the development of the associated IEEE 2800.2 test and conformance verification standard.
- Founding chair of the IEEE PES Distributed Generation Integration working group.
- Chair of the IEEE task force responsible for developing IEEE Standard C62.92.6, which will define grounding issues related to current-regulated sources such as inverters.
- Member of the Surge Protective Devices Committee, High Voltage Subcommittee, chair for many years of the C62.22 working group, and member of the neutral grounding working group
- Co-chair of the Joint Working Group on Wind Plant Short Circuit Contribution and member of the Integration of Renewable Energy into the Transmission and Distribution Grids Subcommittee and the Wind Plant Collector Design Working Group.

Mr. Walling also serves on several industry activities outside of the IEEE, including:

- CIGRE Working Group B4-67, AC Filter Specifications for Voltage-Source Converter HVDC
- ANSI Standard C84.1 Working Group, (ANSI Standard 60 Hz Voltage Ratings)

PUBLICATIONS AND PATENTS

Mr. Walling has authored over 100 technical papers and articles presented at IEEE, CIGRE, and other conferences. He has been awarded 21 U.S. patents for power system inventions, primarily in the area of renewable and distributed generation systems.

PUBLICATIONS

1. *R. Walling*, **Advanced HVDC Simulator for System Design Studies**; American Power Conference, April, 1985

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93. *R. Walling, J. Taylor;* **High-Level Harmonic Distortion During Geomagnetic Disturbances - a Hidden Threat to Grid Security***;* Cigre U.S. National Committee Grid of the Future Symposium, Houston, Oct. 2014

94. *D. Manz, R. Walling, N. Miller, E. LaRose, R. D'Aquila, B. Daryanian,* **The Grid of the Future**, IEEE Power and Energy Magazine, May/June, 2014.

95. S. Jazebi, S. E. Zirka, M. Lambert, A. Rezaei-Zare, N. Chiesa, Y. Moroz, X. Chen, M. Martinez-Duro, C. M. Arturi, E. P. Dick, A. Narang, R. Walling, J. Mahseredjian, J. A. Martinez, F. de León; **Duality Derived Transformer Models for Low-Frequency Electromagnetic Transients—Part I: Topological Models,** IEEE Transactions on Power Delivery,Volume 31, Issue 5, October 2016.

96. *D. Howard, R. Walling,* **Fault Contributions from Wind Plants**, PACWorld Magazine, March, 2015.

97. *S. Adhikari, D. Mueller, R. Walling, A. O'Laughlin*, **A Comprehensive Study of Geomagnetic Disturbance (GMD) System Impact**, IEEE PES General Meeting, Chicago, IL, July, 2017

98. *S. Zirka, Y. Moroz, J. Elovaara, M. Lahtinen, R. Walling, H. Høidalen, D. Bonmann, C. Arturi, N. Chiesa*; **Simplified Models of Three-Phase, Five-Limb Transformer for Studying GIC Effects**; Electrical Power and Energy Systems, vol. 103, pp 168-175, 2018.

99. *J. Zhao, S. Zirka, Y. Moroz, C. Arturi, R. Walling, N. Tleis, O. Tarchutkin,* **Topological Transient Models of Three-Phase, Three-Legged Transformer**, IEEE Access, DOI:10.1109/ACCESS.2019.2931311, July, 2019.

100. *W. Wang, W. Ren, A. Huque, D. Van Zandt, R. Walling;* **Stability Analysis and Volt-Watt Control Setting Guideline for Distributed Energy Resources**;

IEEE 49th Photovoltaics Specialists Conference (PVSC), Philadelphia, PA, June, 2022.

101. *W. Wang, W. Ren, A. Huque, D. Van Zandt, R. Walling, J. Vaz, S.r Arafa, R. Kankanamalage, N. Walsh,* **Stability Analysis and Setting Guideline for Inverter-Based Distributed Energy Resources with Volt-Var and Volt-Watt Control Functions,** 2023 IEEE Power &Energy Society General Meeting, Orlando, FL, July, 2023.

PATENTS – REIGH A. WALLING

U.S. Patent Number	Title
5360998	Magnetic field minimization in power transmission
6327162	Static series voltage regulator
6924565	Continuous reactive power support for wind turbine generators
7016793	Method and apparatus for anti-islanding protection of distributed generations
7271571	Anti-islanding protection systems for synchronous machine based distributed generators
7202638	Anti-islanding protection systems for synchronous machine based distributed generators
7312537	Methods and apparatus for supplying and/or absorbing reactive power
7376491	Detection of islanding in power grids
7397143	Methods and apparatus for supplying and/or absorbing reactive power
7939970	Variable frequency wind plant
7990743	System and method for decreasing solar collector system losses
7994658	Windfarm collector system loss optimization
8041465	Voltage control at windfarms
8290634	Optimizing system loss for a system of multiple windfarms
8405247	Method and apparatus for control of fault-induced delayed voltage recovery (FIDVR) with photovoltaic and other inverter-based devices
8600573	System and method for managing cold load pickup using demand
8908343	System for electric distribution system protection and control and method of assembling the same
9178350	Electric distribution system protection
9252596	System and method for reactive power compensation in power networks
9389631	System and method for reactive power compensation
10135247	Methods and systems for integrated Volt/VAr control in electric network

BEFORE THE
PENNSYLVANIA PUBLIC UTILITY COMMISSION

Petition of PPL Electric Utilities Corporation	:	
for Approval of its Second Distributed Energy	:	Docket No. P-2024-_____
Resources Management Plan	:	

DIRECT TESTIMONY OF JAY JOHNSON

PPL Electric Statement No. 5

May 20, 2024

Q. PLEASE STATE YOUR NAME AND BUSINESS ADDRESS.

A. My name is Jay Johnson, and my business address is 1 Wells Rd, Scotts Valley, CA 95066.

Q. BY WHOM ARE YOU EMPLOYED AND IN WHAT CAPACITY?

A. I am the Chief Technology Officer at DER Security Corp ("DERSec"), a startup company focused on Distributed Energy Resource ("DER") communications, power system operations, and security. I lead the DERSec engineering team, which is currently focused on two primary projects: (1) creating software to automate interconnection testing for DER equipment in accordance with Institute of Electrical and Electronics Engineers ("IEEE") 1547.1 and Underwriters Laboratories ("UL") 1741 SB; and (2) building network-based intrusion detection systems that perform deep packet inspection of IEEE 1547 protocols to defend DER systems from cyberattacks.

Q. WHAT IS YOUR EDUCATIONAL BACKGROUND?

A. I received a B.S. in Mechanical Engineering from the University of Missouri-Rolla in 2006 and a M.S. in Mechanical Engineering from the Georgia Institute of Technology in 2009.

Q. PLEASE DESCRIBE YOUR PROFESSIONAL EXPERIENCE.

A. Prior to working at DERSec, I was a Distinguished Member of Technical Staff at Sandia National Laboratories, where I worked for 13 years. In my time at Sandia, I led DOE research projects totaling $25 million in the areas of power system control, optimization,

interoperability, and cybersecurity. I authored more than 150 academic papers, received eight patents, and lead an international team to develop and automate interoperability and interconnection certification procedures. I also was a member of several working groups responsible for writing and refining the codes and standards developed by the SunSpec Alliance, UL, IEEE, International Electrotechnical Commission ("IEC"), National Fire Protection Association ("NFPA") 70: National Electrical Code ("NEC"), and others.

Q. HAVE YOU PREVIOUSLY TESTIFIED AS A WITNESS BEFORE THE PENNSYLVANIA PUBLIC UTILITY COMMISSION ("COMMISSION")?

A. No.

Q. HAVE YOU TESTIFIED AS A WITNESS BEFORE OTHER REGULATORY COMMISSIONS?

A. No.

Q. HAVE YOU BEEN RETAINED BY PPL ELECTRIC TO TESTIFY ON BEHALF OF THE COMPANY IN SUPPORT OF THE ABOVE-CAPTIONED PETITION?

A. Yes.

Q. WOULD YOU PLEASE DESCRIBE THE SUBJECT MATTER OF YOUR TESTIMONY?

A. My testimony will address the development of UL 1741 Supplement SB and how the Second DER Management Plan builds upon the standard's purpose and requirements for smart inverters.

Q. ARE YOU SPONSORING ANY EXHIBITS WITH YOUR TESTIMONY?

A. Yes, I am sponsoring the following exhibits:

- PPL Electric Exhibit JJ-1 – a copy of my curriculum vitae.

I. UL 1741-SB'S DEVELOPMENT, PURPOSE, AND REQUIREMENTS

Q. WHAT IS UL 1741?

A. UL 1741 is the "Standard for Inverters, Converters, Controllers, and Interconnection System Equipment for Use with Distributed Energy Resources." It defines the certification testing requirements, procedures, and pass/fail criteria for DER equipment to be listed to different Source Requirements Documents ("SRDs").

Q. WHEN WAS UL 1741 FIRST DEVELOPED?

A. The first edition of UL 1741 was published in May 1999. Prior to November 2005, the title of UL 1741 was "Standard for Inverters, Converters, and Controllers for Use in Independent Power Systems."

Q. WHAT REVISIONS HAVE BEEN MADE TO UL 1741 SINCE ITS ORIGINAL DEVELOPMENT?

A. The Second Edition of UL 1741 was published in January 2010 and the most recent, Third Edition, was published on September 28, 2021. UL Standards & Engagement ("ULSE") encourages comments and proposals for revisions at any time to be submitted via the Collaborative Standards Development System ("CSDS"). Based on these proposals, changes were made to the Third Edition on October 19, 2022, and April 12, 2023.

Q. COULD YOU PLEASE EXPLAIN YOUR WORK ON AND EXPERIENCE WITH UL 1741 SB?

A. The requirements for UL 1741 Supplement SB, titled "Grid Support Utility-Interactive Inverters and Converters Based upon IEEE 1547-2018 and IEEE 1547.1-2020," directly references IEEE 1547-2018, "IEEE Standard for Interconnection and Interoperability of Distributed Energy Resources with Associated Electric Power Systems Interfaces," and the associated conformance standard, IEEE 1547.1-2020, "IEEE Standard Conformance Test Procedures for Equipment Interconnecting Distributed Energy Resources with Electric Power Systems and Associated Interfaces," as SRDs for UL 1741 SB certification testing.[1] Starting in 2018, I participated in the IEEE 1547 Communication Working Group, helped shape the communication and electrical testing procedures and

[1] UL 1741 SB Section 1.1.

criteria, and wrote several academic papers on early drafts of IEEE 1547.1 certification procedures to refine the test procedures before publication.[2,]

Since the publication of IEEE 1547, IEEE 1547.1, and UL 1741 SB, I worked on building automated certification software platforms to perform the tests defined in these standards.[3] At DERSec, I lead the software development team for a product called LabTest Pro that automates the IEEE 1547.1 and UL 1741 tests. This software is used by Nationally Recognized Testing Laboratories ("NRTLs") and DER vendors to accelerate conformance testing of DER equipment and systems.

Q. PLEASE PROVIDE DETAILS ON THE DEVELOPMENT AND PURPOSE OF UL 1741 SB.

A. The development and revision of UL 1741, like all UL safety standards, is performed in accordance with the American National Standards Institute ("ANSI") Essential Requirements,[4] approved in "ULSE ANSI Accredited Procedures."[5] UL 1741 was

[2] *See* N. Ninad, et al., "PV Inverter Grid Support Function Assessment using Open-Source IEEE P1547.1 Test Package", 47th IEEE Photovoltaic Specialists Conference (PVSC), June 15-Aug. 21, 2020; N. Ninad, et al., "Development and Evaluation of Open-Source IEEE 1547.1 Test Scripts for Improved Solar Integration," EU PVSEC, Marseille, France, 9-13 Sept 2019.

[3] *See* N. Ninad, E. Apablaza-Arancibia, M. Bui, and J. Johnson, "Commercial PV Inverter IEEE 1547.1 Ride-Through Assessments using an Automated PHIL Test Platform," Energies, Vol. 14, No. 21, Art. No. 6936, 2021. https://doi.org/10.3390/en14216936; R. Darbali-Zamora, J. Johnson, N. S. Gurule, M. J. Reno, N. A. Ninad and E. Apablaza-Arancibia, "Evaluation of Photovoltaic Inverters Under Balanced and Unbalanced Voltage Phase Angle Jump Conditions," 47th IEEE Photovoltaic Specialists Conference ("PVSC"), Virtual Meeting, June 15-Aug. 21, 2020; J. Johnson, B. Fox, K. Kaur and J. Anandan, "Evaluation of Interoperable Distributed Energy Resources to IEEE 1547.1 Using SunSpec Modbus, IEEE 1815, and IEEE 2030.5," in IEEE Access, vol. 9, pp. 142129-142146, 2021, https://doi.org/10.1109/ACCESS.2021.3120304.

[4] ANSI, ANSI Essential Requirements, Jan 2024. Available at https://www.ansi.org/american-national-standards/ans-introduction/essential-requirements.

[5] ULSE ANSI Accredited Procedures - Approved by ANSI on March 15, 2023, available at https://ulse.org/data-insights/ulse-ansi-accredited-procedures.

updated after the publication of IEEE 1547.1-2020 to include Supplement SB using a consensus-based process within a Standards Technical Panel ("STP")[6] composed of a diverse set of technical experts representing different interests. Voting members of the STP came from a balanced collection of individuals representing the following interest groups: Producer, Testing and Standards Organizations, Supply Chain, AHJ/Regulator, Government, Consumer, General Interest, and Commercial/Industrial Users.

The purpose of UL 1741 is to clearly define the purpose, process, requirements, and criteria to certify inverters, converters, controllers, and Interconnection System Equipment ("ISE") to consensus-based safety, functional, and interconnection requirements from multiple SRDs. To this end, the purpose of UL 1741 SB is to provide a certification standard for the conformance test procedures in IEEE 1547.1-2020, so products can be listed to the requirements in IEEE 1547-2018. This creates an essential, traceable link between the widely adopted IEEE 1547-2018 interconnection standard and products that can be interconnected in that jurisdiction. Only products that have been listed to UL 1741 SB by an NRTL should be considered compliant with IEEE 1547-2018.

Q. WHAT DOES UL 1741 SB REQUIRE FOR SMART INVERTERS?

A. UL 1741 SB requires all listed DER equipment include grid support interactive electrical modes and a local communication interface. Depending on the categorization of the equipment, UL 1741 SB will require dozens of tests to validate compliance to the conformance standard. Example tests include validation of Voltage Trip and Voltage Ride-Through, Voltage Disturbances in Continuous Region, Frequency Trip and

[6] As of 2022, UL STPs are now called Technical Committees ("TCs").

Frequency Ride-Through, Voltage Phase-Angle Change Ride-Through, Enter Service, Limit Active Power, Constant Power Factor Mode, Voltage-Reactive Power Mode, Active Power-Reactive Power Mode, Constant Reactive Power Mode, Voltage-Active Power Mode, and Frequency-Droop Capability. Additionally, a standardized local communication interface is required which uses the SunSpec Modbus, IEEE 1815, or IEEE 2030.5 protocol. These interfaces are validated using four types of tests: Nameplate Data Test, Configuration Information Test, Monitoring Information Test, and Management Information Test. The three standardized communication protocols are further defined in the associated information models provided by the SunSpec Alliance and IEEE.

Q. HOW DOES PPL ELECTRIC'S DER MANAGEMENT PLAN BUILD UPON UL 1741 SB'S PURPOSE AND REQUIREMENTS?

A. PPL Electric started requiring UL 1741 SB listings for all newly installed DER equipment on January 1, 2023. After that time, PPL Electric could then rely on the equipment having standardized communication interfaces and incorporate their mandatory grid support interactive functionality defined in IEEE 1547-2018 into its First DER Management Plan. This provided PPL Electric the ability to remotely adjust voltage regulation modes, active power capabilities, and adjustable protection functions to minimize voltage violations, improve system restoration, better visualize power flows, and defer capital costs associated with system upgrades. Going forward, the Second DER Management Plan appears to be designed to capitalize on these capabilities made possible by IEEE 1547-2018 and UL 1741 SB.

Q. DOES THIS CONCLUDE YOUR DIRECT TESTIMONY AT THIS TIME?

A. Yes, although I reserve the right to supplement my direct testimony.

PPL Electric Exhibit JJ-1

Jay Johnson

1 Wells Rd
Scotts Valley, CA 95066

Phone: (505) 231-0597
jay@dersec.io

EDUCATION

M.S. Mechanical Engineering, Georgia Institute of Technology — Dec 2009

- Modeling and Simulation Minor
- Thesis: Defect and thickness inspection system for cast thin films using machine vision and full-field transmission densitometry

B.S. Mechanical Engineering, University of Missouri-Rolla — Dec 2006

- Mechanical Design and Analysis Emphasis Area

EXPERIENCE

Chief Technology Officer, DER Security Corp, Scotts Valley, CA — *2023-current*

- **Chief architect and software engineer** for multiple product lines, including Distributed Energy Resource (DER) certification platforms, DER emulators, and IEEE 2030.5 network load testers.
- Pioneered commercial cyber-physical network-based intrusion detection system for distributed energy assets
- Deployed security solutions on cloud and field assets for multiple DER and EV charging communication protocols.
- Corporate lead for all R&D programs, including DOE CESER and DOE WETO projects.

Distinguished Member of Technical Staff, Sandia National Laboratories, Albuquerque NM

Grid Communications and Cybersecurity	*2023*
Renewable and Distributed Systems Integration	*2017-2023*
Photovoltaic and Distributed Systems Integration	*2013-2017*
Microsystems Integration	*2011-2013*
Advanced Microsystem Packaging	*2010-2011*

- **Principal Investigator** for more than $25M in DOE CESER, EERE SETO/VTO/WETO, OE, OTT, and IA **power system control, optimization, and cybersecurity research**
- Co-convener of the Sandia/SunSpec **DER Cybersecurity Workgroup 2017-current**; lead for the **Access Control** and **Patching** Subgroups
- Contributor to multiple **congressional reports** and DOE **cybersecurity roadmaps** for solar and wind technologies
- **Penetration testing** lead for multiple microgrid, EV charger, and distributed energy resource (DER) engagements
- Pioneered new **cyber-physical scoring metrics** and cost-benefit evaluations for OT cyber-hardening technologies
- Spearheaded **$5M DER management project** to provide voltage regulation and distribution protection through state estimation, optimization, and DER communications
- Coordinating Smart Grid International Research Facilities Network (SIRFN) **advanced inverter interoperability test protocol development** and inverter testing in Europe, Asia, Australia, and North America
- Programmed an automated System Validation Platform (SVP) for interoperability and interconnection certification testing and **oversaw the adoption of the system at 10 international research labs**
- **Managed** the expansion of a multimillion-dollar **DER interoperability and cybersecurity research platform** using Sandia fiber optic network (called **X-Net**) across internal research laboratories and external sites
- Managed **3-year $1. 5M Secure Virtual Power Plant** Laboratory Directed Research and Development (LDRD) project to provide **dispatchable ancillary services from distributed energy resources**
- **Led 5-year** multidisciplinary, international renewable energy research projects developing national and international **PV DC fault detection and mitigation standards**
- Managed U.S.-Japan **collaborative PV-smoothing control project** using multiple distributed energy resources, including a natural gas genset and energy storage system
- **Increased** Sandia heterojunction bipolar transistor (HBT) **wire bonding throughput 1500%** via machine vision-based automation
- Performed microelectronics packaging design and analysis for multiple $1M+ programs including the Micro Gas Analyzer, plastic ball grid arrays, ion switches, high-power high-voltage thyristors, artificial retina, and other devices

Graduate Research Assistant, Georgia Institute of Technology, Atlanta GA *2007-2009*

- Designed, constructed, and operated the electrical, mechanical, optical, and computer systems of an industrial-scale roll-feed **fuel cell membrane manufacturing system**
- Invented and implemented a **novel machine vision system** to identify/classify thin film defects and perform membrane thickness profilometry in real-time using a **custom MATLAB graphical user interface**
- Designed a full-field nondestructive evaluation (NDE) densitometry tool for verifying membrane thickness on a web system using specialized optics and analysis
- Implemented a **neural network** to classify defect types and **autonomously** determine casting parameter adjustments to improve the quality of the manufactured product
- Designed, wired, and programmed web tensioning control system and 26 kW heating sub-systems

Graduate Teaching Assistant, Introduction to Engineering Graphics and Visualization, Georgia Tech *Jan-Dec 2009*

- **Lectured**, tutored, and provided face-to-face assistance for **more than 100 students**—guiding their development in technical drafting, 2D (AutoCAD), and 3D CAD (Inventor) using ANSI Y14.5 standards and personal experience
- Worked with instructors to update course content and improve student performance

*Sustainability Fellow***,** Intelligent Systems Laboratory, **Palo Alto Research Center** (PARC), Palo Alto CA *Fall 2008*

- Created and patented a control algorithm for a **smart electrical grid** which provides high-quality **demand response** services by integrating duty cycling appliances
- Broadened renewable energy and sustainability research thrusts with multi-disciplinary clean tech research team
- Collaborated with PARC's **Green Team** to improve the company's sustainability practices through commuter rewards, recycling, and power reduction programs

Research Program Participant, **National Renewable Energy Laboratory** (NREL), Boulder CO *Summer 2008*

- Designed, constructed, and tested a stereo-videogrammetry system to detect wind turbine blade buckling during static and fatigue tests
- Developed MATLAB **spatial normalization algorithms** to convert dynamic point cloud data from global coordinates to a local reference frame to obtain localized deformation measurements
- Investigated **laser and optical nondestructive blade testing** techniques
- Created a **genetic algorithm** to optimize the location and mass of ballast weights for fixed and resonant fatigue tests of 6 to 70-meter wind turbine blades

Mechanical Systems Design Engineer, National Wind Technology Center (NWTC), NREL, Boulder CO *Spring 2007*

- **Designed and oversaw the manufacture** of a hydraulically-powered resonance mechanism for fatigue testing twist-coupled 10-meter wind turbine blades
- Performed **dynamic analysis** of multiple concepts modeled in SolidWorks to select the optimal design based on loads, cost, safety, and other design requirements
- Conceptualized and initiated designs of additional wind turbine blade testing mechanisms—submitted 4 innovation reports with 1 resulting patent
- **Directed the construction and assembly** of the Resonance Exciter and ballast weights
- Collaborated with technicians to instrument a blade for fatigue and modal tests

Science Undergraduate Laboratory Internship (SULI), Buildings and Thermal Systems, NREL, Golden CO *Summer 2006*

- Simulated performance of Thermosiphon **Solar Domestic Hot Water Systems** by programming new TRANSYS components in Fortran to account for reverse thermosiphoning behaviors at night
- Analyzed tank placement and other parameter variations on solar thermal system efficiency and freeze tolerance

Exchange Student to the University of South Australia (UniSA), Adelaide Australia *2005*

- Widened views of globalization and cultural diversity in a foreign society

PRINCIPAL INVESTIGATOR ROLES

1. $2.3M 3-year DOE WETO "Field Demonstration of Wind Hardening Technologies on Legacy Wind Sites," 2023-2026.
2. $100k 1-year DOE CESER "Report on Cybersecurity of Distribution Systems," 2022-2023.
3. $1.5M 3-year DOE WETO "WindWeasel: PLC Monitoring, Analysis, and Alerting System," 2022-2025.

4. $3.0M 5-year DOE VTO EVs@SCALE Consortium “Cybersecurity Pillar: Cybersecurity Pillar Unified National Lab Collaboration (Cyber PUNC)”, 2021-2026.
5. $1.05M 3-year DOE EERE SETO, “Securing Solar for the Grid (S2G)” project, 2021-2024.
6. $900k 3-year DOE CESER “EV Secure Architecture Laboratory Demonstrations (EV SALaD)” project, 2021-2023.
7. $100k 6-month “Staying ahead of the Bad Guys: Distributed Energy Cyber Ranges, Canaries, and Honeypots” Late-Start LDRD, 2021.
8. $1.0M ($500k DOE, $500k Cost Share) 2-year DOE Office of Technology Transitions (OTT) Technology Commercialization Fund (TCF), “Continuous Interoperability for Distributed Energy” project, 2020-2022.
9. $1.5M 3-year DOE EERE WETO, “Hardening Wind Energy Systems from Cyber Threats” project, 2018-2021.
10. $1.2M 3-year DOE EERE SETO, “PV Cybersecurity Standards Development” project, 2018-2021.
11. $3.0M 3-year DOE EERE VTO, “Securing Vehicle Charging Infrastructure” project, 2018-2020.
12. $1.15M 7-year DOE Office of International Affairs (IA), “International Smart Grids Testing and Validation Activities Under the Smart Grid International Research Facility Network (SIRFN)” project, 2013-2019, 2022-2023.
13. $5.0M ($2.5M DOE, $2.5 Cost Share) 2-year DOE EERE SETO Enabling Extreme Real-Time Grid Integration of Solar Energy (ENERGISE) project, “Voltage Regulation and Protection Assurance using DER Advanced Grid Functions,” 2017-2019.
14. $400k 2-year DOE EERE SETO, “Photovoltaic Cyber Security Research” project, 2016-2018.
15. $2.7M 3-year DOE EERE SETO SuNLaMP, “Secure, Scalable Control and Communications for Distributed PV” project, 2016-2018.
16. $1.56M 3-year “Secure Virtual Power Plant” SNL LDRD project 2014-2017.
17. $600k 3-year DOE OE, U.S.-Korea Joint Project, “Development of Test Best for DER Interoperability and Certification,” 2012-2015.

PUBLICATIONS

Google Scholar (h-index: 33, i10-index: 85), ResearchGate (150,000+ reads)

Journal Publications

1. F. Sangoleye, J. Johnson, E.E. Tsiropoulou, “Deep Reinforcement Learning-Based Network Intrusion Detection Systems for Industrial Control Systems,” Computer Networks, under review.
2. M. McCarty, J. Johnson, B. Richardson, C. Rieger, R. Cooley, J. Gentle, B. Rothwell, T. Phillips, B. Novak, M. Culler, B. Wright, “Cybersecurity Resilience Demonstration for Wind Energy Sites in Co-Simulation Environment,” in IEEE Access, 2023. doi: 10.1109/ACCESS.2023.3244778.
3. G. Fragkos, J. Johnson, and E. E. Tsiropoulou, “Centralized and Decentralized Distributed Energy Resource Access Control Implementation Considerations,” Energies, vol. 15, no. 17, p. 6375, Sep. 2022, http://dx.doi.org/10.3390/en15176375.
4. J. Flicker, J. Johnson, P. Hacke, R. Thiagarajan, “Automating Component-Level Stress Measurements for Inverter Reliability Estimation,” Energies, vol. 15, no. 13, p. 4828, July 2022, https://doi.org/10.3390/en15134828.
5. J. Johnson, T. Berg, B. Anderson, B. Wright, “Review of Electric Vehicle Charger Cybersecurity Vulnerabilities, Potential Impacts, and Defenses,” Energies, vol. 15, no. 11, p. 3931, May 2022, https://doi.org/10.3390/en15113931.
6. G. Fragkos, J. Johnson, E.E. Tsiropoulou, “Dynamic Role Based Access Control Policy for Smart Grid Applications: An Offline Deep Reinforcement Learning Approach,” in IEEE Transactions on Human-Machine Systems, vol. 52, no. 4, pp. 761-773, Aug. 2022, https://doi.org/10.1109/THMS.2022.3163185.
7. N. Ninad, E. Apablaza-Arancibia, M. Bui, J. Johnson, “Commercial PV Inverter IEEE 1547.1 Ride-Through Assessments using an Automated PHIL Test Platform,” Energies, Vol. 14, No. 21, Art. No. 6936, 2021. https://doi.org/10.3390/en14216936.
8. J. Johnson, B. Fox, K. Kaur and J. Anandan, "Evaluation of Interoperable Distributed Energy Resources to IEEE 1547.1 Using SunSpec Modbus, IEEE 1815, and IEEE 2030.5," in IEEE Access, vol. 9, pp. 142129-142146, 2021, https://doi.org/10.1109/ACCESS.2021.3120304.
9. R. Darbali-Zamora, J. Johnson, A. Summers, B. Jones, C.W. Hansen, C. Showalter, “State Estimation-Based DER Optimization for Distribution Voltage Regulation in Telemetry-Sparse Environment using a Real-Time Digital Twin,” Energies, Vol. 14, No. 3, Art. No. 774, 2021, https://doi.org/10.3390/en14030774.
10. A. Summers, J. Johnson, R. Darbali-Zamora, C. Hansen, J. Anandan, C. Showalter, “A Comparison of DER Voltage Regulation Technologies using Real-Time Simulations,” Energies, Advancements in Real-Time Simulation of Power and Energy Systems Special Edition, Vol. 13, No. 14, 2020, https://doi.org/10.3390/en13143562.
11. J. Montoya, et al., “Advanced Laboratory Testing Methods using Real-Time Simulation and Hardware-in-the-Loop Techniques: A survey on the Smart Grid International Research Facility Network,” Energies, Advancements in Real-Time Simulation of Power and Energy Systems Special Edition, Vol 13, No. 12, 2020.
12. J. Johnson, I. Onunkwo, P. Cordeiro, B. Wright, N. Jacobs, C. Lai, “Assessing DER Network Cybersecurity Defences in a Power-Communication Co-Simulation Environment,” IET Cyber-Physical Systems: Theory & Applications, March 2020. https://doi.org/10.1049/iet-cps.2019.0084

13. J. Obert, A. Chavez, J. Johnson, "Distributed Renewable Energy Resource Trust Metrics and Secure Routing," Computers & Security, vol. 88, pp. 101620, Jan. 2020. https://doi.org/10.1016/j.cose.2019.101620.
14. J. Johnson, J. Quiroz, R. Concepcion, F. Wilches Bernal, M. Reno, "Power System Effects and Mitigation Recommendations for DER Cyber Attacks," IET Cyber-Physical Systems: Theory & Applications, Jan 2019, https://doi.org/10.1049/iet-cps.2018.5014.
15. A. Castillo, J. Flicker, C. Hansen, J.P. Watson, J. Johnson, "Stochastic Optimization with Risk Aversion for Virtual Power Plant Operations: A Rolling Horizon Solution Framework," IET Generation, Distribution, and Transmission, November 2018. doi: 10.1049/iet-gtd.2018.5834.
16. J. Johnson, A. Summers, R. Darbali-Zamora, J. Hernandez-Alvidrez, J. Quiroz, D. Arnold, J. Anandan, "Distribution Voltage Regulation using Extremum Seeking Control with Power Hardware-in-the-Loop," IEEE Journal of Photovoltaics, vol. 8, no. 6, pp. 1824-1832, 2018. doi: 10.1109/JPHOTOV.2018.2869758
17. J. Johnson, R. Ablinger, R. Bruendlinger, B. Fox, J. Flicker, "Interconnection Standard Grid-Support Function Evaluations using an Automated Hardware-in-the-Loop Testbed," IEEE Journal of Photovoltaics, vol. 8, no. 2, pp. 565-571, Mar 2018. doi: 10.1109/JPHOTOV.2018.2794884
18. S. Roy, M.K. Alam, F.H. Khan, J. Johnson, J. Flicker, "An Irradiance Independent, Robust Ground Fault Detection Scheme for PV Arrays Based on Spread Spectrum Time Domain Reflectometry (SSTDR)," IEEE Transactions on Power Electronics, vol. 33, no. 8, pp. 7046-7057, Aug. 2018. doi: 10.1109/TPEL.2017.2755592
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35. J. Johnson S. Gonzalez, M.E. Ralph, A. Ellis, and R. Broderick, "Test Protocols for Advanced Inverter Interoperability Functions – Appendices," Sandia Technical Report SAND2013-9875, Nov. 2013.
36. J. Flicker and J. Johnson, "Photovoltaic ground fault and blind spot electrical simulations," Sandia National Laboratories Technical Report, SAND2013-3459, June 2013.
37. J. Flicker and J. Johnson, "Analysis of fuses for 'blind spot' ground fault detection in photovoltaic power systems," Solar America Board for Codes and Standards Report, June 2013.
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39. J. Johnson, B. Gudgel, A. Meares, and A. Fresquez, "Series and parallel arc-fault circuit interrupter tests," Sandia National Laboratories Technical Report, SAND2013-5916, July 2013.
40. J. Johnson, A. Ellis, A. Denda, K. Morino, T. Shinji, T. Ogata, M. Tadokoro, "PV Output Smoothing using a Battery and Natural Gas Engine-Generator," Sandia National Laboratories Technical Report, SAND2013-1603, Feb 2013.
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44. J. Johnson, W. Bower, and M.A. Quintana, "Electrical and thermal finite element modeling of arc faults in photovoltaic bypass diodes," Sandia Report SAND2012-0743, 2012.
45. J. Johnson, B. Schenkman, J. Quiroz, and A. Ellis, "Initial operating experience of the La Ola 1.2 MW photovoltaic system," Sandia National Laboratories Technical Report SAND2011-8848, 2011.
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2. S. Hossain-McKenzie, A. Summers, N. Jacobs, C. B. Jones, B. Wright, A. Chavez, J. Johnson, and J. Obert, "Proactive Intrusion Detection and Mitigation System," Attorney Docket No. SD15424.1/ S166604, Non-provisional Patent, No. 17/217,702, Filed March 30, 2021.
3. J. Johnson, R. Darbali, A. Summers, C. Hansen, "Digital Twin Advanced Distribution Management System (ADMS) and Methods" Non-Provisional Patent, No.: 17/193,715, Filed March 5, 2021.
4. J. Johnson, "Systems and Methods for Detecting and Mitigating Cyber Attacks on Power Systems Comprising Distributed Energy Resources," US Patent 11,831,662 B1, 28 November 2023.
5. J. Johnson, "Systems and Methods for Detecting and Mitigating Cyber Attacks on Power Systems Comprising Distributed Energy Resources," US Patent 11,388,178 B1, 12 July 2022.
6. J. Johnson, M. A. Smith, D. A. Schoenwald, M. E. El-Khatib, "Systems, Methods and Computer Program Products for Electric Grid Control," US Patent 10,298,016 B1, 21 May 2019.
7. E.J. Schindelholz, K.M. Armijo, J. Johnson, R.K. Harrison, B.B. Yang, "Arc Plasma-Generating Systems and Methods Thereof," US Patent 10,261,120 B1, 16 April 2019.
8. J. Johnson, "Identifying an Arc-Fault Type in Photovoltaic Arrays," US Patent 9,995,796 B1, 12 Jun 2018.
9. J. Johnson, D. Riley, "Prognostics and Health Management of Photovoltaic Systems," US Patent 9,939,485 B1, 10 April 2018.
10. J. Johnson, "Detection of Arcing Location on Photovoltaic Systems Using Filters," US Patent 9,897,642 B1, 20 Feb 2018.
11. J. Cotrell, R. Thresher, S. Hughes, S. Lambert, J. Johnson, "Wind Turbine Blade Testing System Using Base Excitation," US Patent 8,677,827 B2, 25 Mar 2014.
12. J. Johnson, D. Greene, H. Hindi, "Technique for Aggregating Loads with Time-Varying Operating Cycles," US Patent 8,352,094 B2, 8 Jan 2013.

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3. "System Validation Platform Working Directories," ©Sandia National Laboratories, Open-Source, 2021.
4. "Role-Based Access Control for Distributed Energy Resources v.1.0," ©Sandia National Laboratories, Open-Source, 2021.
5. "Secure Wind Plant phenix Topologies v.1.0.0," ©Sandia National Laboratories, Open-Source, 2021.
6. "Arc-Fault Generator Controls Software," ©Sandia National Laboratories, 2021.
7. "Role-Based Access Control for Distributed Energy Resources" v.1.0.

INVITED PRESENTATIONS

1. J. Johnson, "Cybersecurity Vulnerabilities and Defenses for EV Charging Systems," Stanford Smart Grid Seminar, Palo Alto, CA, 22 February 2024.
2. J. Johnson, "Risks and Benefits when IT & OT Energy Networks Converge," Energy Transition Summit, Arlington, VA, 8 February 2024.
3. J. Johnson, "Application of AI to Secure Distributed Energy Systems," University of North Dakota (UND) Center for Cyber Security Research (C2SR) Distinguished Speaker Webinar Series, 16 November 2023.
4. J. Johnson, "Digital Twinning," Operational Technology Cybersecurity Virtual Showcase webinar, Feb 21, 2023.
5. J. Johnson, "Progress in DER Cybersecurity," SunSpec Alliance Annual Meeting, Las Vegas, NV, December 7, 2022.
6. J. Johnson, et al., "Hardening Wind Systems from Cyber Threats," Wind Cybersecurity Workshop, Washington, DC, 28-29 September 2022.
7. J. Johnson, et al., "WindWeasel: Wind Controller Monitoring, Analysis, and Alerting System," Wind Cybersecurity Workshop, Washington, DC, 28-29 September 2022.
8. J. Johnson, "DER Security Considerations to Enable Grid Services" in the "From Smart Grid to Energy Internet: Recent Advances in Security and Resilience" panel, IEEE PES General Meeting, Denver, 2022.
9. J. Johnson, "DER Cybersecurity Workgroup Update," CPUC Smart Inverter Operationalization Cybersecurity Subgroup (SIO-CS), June 22, 2022.
10. J. Johnson, "Cyberattack Vectors and Defense Strategies for EV Charging Systems," Embedded Security in Cars (escar), 15-16 June 2022.
11. J. Johnson, "Distributed Energy Cybersecurity Research," Energy and Homeland Security External Advisory Board, May 17, 2022.
12. J. Johnson, "Powering Cybersecurity Resilience Panel," United States Hispanic Chamber of Commerce 2022 Energy Summit, Santa Fe, NM, April 22, 2022.
13. J. Johnson, "EV Charging and Security," Sandia Earth Week Information Session, April 19, 2022.
14. J. Johnson, "EV Charging Cybersecurity Vulnerabilities and Defenses," FBI Automotive Sector Specific Working Group (SSWG), Introduction to Electric Vehicles (EV) Security and the Infrastructure that Keeps Them Running, April 18, 2022.
15. J. Johnson, "EV Charging Cybersecurity Vulnerabilities and Defenses," Trusted Computing Group, Vehicle Service Work Group, EV Charging Work Item Meeting, Jan 12, 2022.
16. J. Johnson, "DER Cybersecurity Standardization," DOE and SEIA Cybersecurity Summit: Securing Our Solar Future Today, November 3, 2021.
17. J. Johnson, "DER Cybersecurity Stakeholder Engagement, Standards Development, and EV Charger Penetration Testing," IEEE Energy Conversion Congress and Exposition 2021 Special Session on Cybersecurity for Power Electronics, Vancouver, Canada, Oct. 10-14, 2021.
18. J. Johnson, "Power Hardware-in-the-Loop Research at Sandia National Laboratories: Devices-to-Systems," Panel Discussion: The Role of Power Hardware-in-the-Loop (PHIL) for the Power Systems Modernization, RT21 Conference, Sept. 16-17, 2021.
19. J. Johnson, "Hardening Wind Energy Systems from Cyber Threats," DOE WETO Peer Review, August 3, 2021.
20. J. Johnson, J. Gentle, C. Rieger, "Hardening Wind Energy Systems from Cyber Threats – Project Briefing," NREL Wind Consortium Meeting, 7 April 2021.
21. J. Johnson, "P1547.3 Draft Guide for Cybersecurity Distributed Energy Resources Interconnected with Electric Power Systems: Subgroup 1 Update," Feb 23, 2021.
22. J. Johnson, T. Tansy, "Solar Cybersecurity Activities, Priorities, and Key Updates," National Association of State Energy Officials (NASEO)/National Association or Regulatory Utility Commissioners (NARUC) Cybersecurity Advisory Team for State Solar (CATSS) Advisory Group Meeting, December 3, 2020.
23. J. Johnson, "Securing Vehicle Charging Infrastructure," Grid Integration Tech Team (GITT) Meeting, Online, 9 November 2020.
24. J. Johnson, "Roadmap for Solar Cybersecurity," Resilience Week, 19-22 Oct 2020.
25. S. Hossain-McKenzie, J. Johnson, T. Tansy, "Project Ekhi: Proactive Intrusion Detection and Mitigation System for DER Cybersecurity," SunSpec Webinar, July 15, 2020.
26. J. Johnson, A. Summers, "Automating RT-Lab PHIL Experiments to Conduct DER Interconnection Conformance Tests,

Parametrized Fault Experiments, and Cybersecurity Research," OPAL-RT's 12th Conference on Real-Time Simulation (RT20), 18-19 June 2020.

27. J. Johnson, "Securing Vehicle Charging Infrastructure," 2020 DOE Vehicle Technologies Office Annual Merit Review, Online, 1-4 June 2020.
28. J. Johnson, J. Gentle, "Hardening Wind Systems R&D Project," ESIG O&M Spring 2020, 1 April 2020.
29. J. Gentle, J. Johnson, "Cybersecurity for Wind Energy," Protect Our Power - Best Practices in Utility Cybersecurity Conference, 27 Jan 2020.
30. J. Johnson, "Distribution Voltage Regulation using DER Grid-Support Functions," New Mexico Established Program to Stimulate Competitive Research (NM EPSCoR) Webinar, 22 Nov 2019.
31. J. Johnson, "Distributed Energy Resource Grid Integration and Cybersecurity Research," New Mexico Research Spotlight Forum, Albuquerque, NM, 17 Oct 2019.
32. J. Johnson, "Securing Vehicle Charging Infrastructure," 2019 DOE Vehicle Technologies Office Annual Merit Review, Arlington, VA, 10-13 June 2019.
33. R. Ih, T. Tansy, J. Johnson, "Cybersecurity Fundamentals for the DER Industry," SunSpec Webinar, 8 May 2019.
34. J. Johnson, "Securing Vehicle Charging Infrastructure," IEEE CyberPELS Workshop, Invited Panel on Transportation, Knoxville, Tennessee, 29 April – 1 May 2019.
35. J. Johnson, Z. Miletic, "Automated Interoperable Grid-Support Function Testing in a C-HIL Environment," Typhoon HIL Webinar, Vienna, Austria, 14 Mar 2019.
36. J. Johnson, A. Summers, "Hardware-in-the-Loop Simulations of PV Inverter Distribution Voltage Regulation," Opal-RT P-HIL Simulation for Power Systems and Power Electronics Applications Webinar, 7 Mar 2019.
37. J. Johnson, "Solar Cybersecurity Research Update," DOE Solar Colloquium, 5 Mar 2019.
38. J. Johnson, "Status of SIRFN DER Interoperability Certification Protocol Development" SIRFN Meeting, Vienna, Austria, 15 Oct 2018.
39. J. Johnson, "Roadmap for Advanced Converter Deployment in Mexico," Workshop for the Definition of the National Priorities for Research, Technological Development and Training of Human Resources: Smart Grids and Microgrids, Cuernavaca, México, 18-20 Sept 2018.
40. M. Reno, J. Johnson, "Hosting Capacity Studies," Workshop for the Definition of the National Priorities for Research, Technological Development and Training of Human Resources: Smart Grids and Microgrids, Cuernavaca, México, 18-20 Sept 2018.
41. J. Johnson, "DER Cybersecurity R&D and Standards Development," Gridvolution: SunSpec Solar Finance and Asset Management Symposium, Cupertino, CA, 12 Sept 2018.
42. S. Hossain-McKenzie, J. Johnson, "DOE SETO Cybersecurity Portfolio," Cybersecurity for Distributed Energy Resources Workshop, Denver, CO, 17 July 2018.
43. J. Johnson, "The Potential Impact of DER Cybersecurity Vulnerabilities," DOE OE CEDS Outreach Webinar Series, 27 June 2018.
44. N. Jacobs, J. Johnson, "SCEPTRE: Power System and Networking Co-Simulation Environment," Workshop on Co-Simulation Platforms for the Power Grid, LBNL, Berkeley, CA, 21 May 2018.
45. J. Boote, J. Johnson, "Cyber Security Considerations for Electric Vehicles," DOE Vehicle Technologies Office (VTO) Cyber Security Workshop, Washington DC, 19 April 2018.
46. C. Suh-Lee, J. Johnson, T. Tansy, "Secure Network Architecture for DER Communications," EPRI DER Cyber Security Webcast Series, 16 April 2018.
47. J. Johnson, "Smart Grid Actualization in India using Advanced Converters", India Smart Grid Week, Renewables & Microgrids Keynote, New Delhi, 8 Mar 2018.
48. J. Johnson, "International Collaboration on the Evaluation and Certification of Interoperable Grid-Support Converters," International Smart Grid Action Network (ISGAN) Executive Committee Meeting, Newcastle, Australia, 13 Mar 2018.
49. J. Johnson, "Roadmap for Solar Cyber Security (and how it can be applied to other EERE technologies)," DOE EERE/OE Cyber Security Coordination Workshop, Washington, DC, 27 Feb 2018.
50. J. Johnson, R. Darbali, J. Hernandez-Alvidrez, A. Summers, J. Quiroz, D. Arnold, "Power Hardware-in-the-Loop Simulations of Distribution Circuit Voltage Regulation using Extremum Seeking Control," IX Symposium on Energy and Environment, Universidad del Turabo, Gurabo, Puerto Rico, 16 Feb 2018.
51. J. Johnson, "Secure, Scalable Communications for Distributed PV," US DOE SETP Portfolio Review, Washington, DC. 13 Feb 2018.
52. J. Johnson, "US Experience with Inverter Interoperability Standardization," Future Distribution Grids Empowering Prosumers, Bangalore, India, 14 Nov 2017.
53. J. Johnson, "Voltage Regulation and Protection Assurance using DER Advanced Grid Functions" DOE Enabling Extreme Real-Time Grid Integration of Solar Energy (ENERGISE) Program Kickoff, Washington D.C., 11 Oct 2017.
54. J. Johnson, D. Saleem, "Distributed Energy Resource (DER) Cyber Security Standards," NREL Cyber Security & Resilience Workshop, Denver, CO, 9 Oct 2017.
55. J. Johnson, "Secure, Scalable Control and Communications for Distributed PV," SunShot National Laboratory Multiyear

Partnership Workshop on Numerical Analysis Algorithms for Distribution Networks, Argonne National Laboratory, Chicago, IL, 21 July 2017.

56. J. Johnson, "SCEPTRE: Power System and Networking Co-simulation Environment," SunShot National Laboratory Multiyear Partnership Workshop on Numerical Analysis Algorithms for Distribution Networks, Argonne National Laboratory, Chicago, IL, 21 July 2017.
57. J. Johnson, "Automated Hardware-in-the-Loop Microgrid Validation Platform," Defense Energy Technology Challenge, Asia Pacific Resilience Innovation Summit & Expo, Hale Koa Hotel, Hawaii, 19 July 2017.
58. J. Johnson, "Progress & Challenges in Transitioning the US to a Renewable Energy-Focused Electrical Grid," Society of American Military Engineers (SAME) Monthly Meeting, Albuquerque, NM, 14 December 2016.
59. J. Johnson and M. Verga, Battery Energy Storage System (BESS) Interoperability Test Protocol Development, Joint SIRFN-ELECTRA Workshop: Testing & Research Infrastructure for Future Power Grids, 7th International Conference on Integration of Renewable and Distributed Energy Resources (IRED), Niagara Falls, 24 October 2016.
60. J. Johnson, "Progress and challenges in transitioning the US to a renewable energy-focused electrical grid," IEEE/Sigma Xi Outstanding Young Engineer Invited Talk, Albuquerque, NM, 29 September 2016.
61. J. Johnson, J. Tabarez, C. Hansen, M. Burnett, J. Flicker, M. El-Khatib, D. Schoenwald, J. Henry, "Virtual Power Plants and Large Scale Renewable Integration," New Mexico Regional Energy Storage and Grid Integration Workshop, Albuquerque, NM, 24 Aug 2016.
62. J. Johnson, "Evaluation and Optimization of Interoperable DERs to Provide Grid-Support Services," Sandia National Labs/Georgia Tech Grid Modernization Workshop, Georgia Institute of Technology, Atlanta, GA, 27 April 2016.
63. J. Johnson, "SIRFN Advanced DER Research and System Validation Platform," Tools for the Smarter Grid: A BNL/ ISGAN Workshop on Modeling, Simulation and More, Brookhaven National Laboratory, Upton, NY, 14-15 April 2016.
64. J. Johnson, "SunSpec System Validation Platform and SIRFN Research," SunSpec Alliance Members Meeting, San Francisco, CA, 15 March 2016.
65. J. Johnson, "Photovoltaic Arc-Fault Detection and Mitigation," PV Module Reliability Workshop, Golden, CO, 25 Feb 2016.
66. J. Johnson, "DER Controls for PV Smoothing and Grid Support Services," U.S.–Japan Collaborative Smart Grid Project Workshop, Santa Ana Pueblo, NM, 27 October 2015.
67. J. Johnson, "Energy Storage Grid Codes and Certification Testing," SunSpec Alliance and MESA Joint Workshop on Energy Storage System Communications and Smart Grid Standards and Testing, Energy Storage North America, San Diego, 13 October 2015.
68. J. Johnson, "Evolving Grid Codes Around the World," SunSpec Alliance Annual Meeting, San Francisco, CA, 31 Mar 2015.
69. J. Johnson, "Certification Protocols for Advanced Inverter Functions", Smart Grid International Research Facility Network (SIRFN) Meeting, International Conference on Integration of Renewable and Distributed Energy Resources (IRED), Kyoto, Japan, 17 Nov 2014.
70. J. Johnson, "Smart Inverters in the United States", Fukushima Renewable Energy Institute (FREA), National Institute of Advanced Industrial Science and Technology (AIST), Koriyama, Fukushima, Japan, 13 Nov 2014.
71. J. Johnson, "Specifications for Advanced PV Inverters: Functions, Settings, and Communications", Sandia-EPRI PV Systems Symposium, San Jose, CA, 6 May 2014.
72. J. Johnson, J.D. Flicker, "Modeling Blind Spot Ground Faults," Solar ABCs Webinar, 2 May 2013.
73. J. Johnson, "U.S.-Korea Bilateral Smart Grid Research on Advanced Inverter Interoperability and Functionality", 2014 Energy Tech Insight, Seoul, Korea, 10 June 2014.
74. J. Johnson, A. Ellis "PV Output Smoothing using a Battery and Natural Gas Engine-Generator," U.S.-Japan Collaborative Workshop, Bernalillo, NM, 4 Dec 2013.
75. J. Johnson, "Interoperability and Advanced Inverter Functionality Research at Sandia", Utility Variable-Generation Integration Group (UVIG) Fall Technical Workshop, Distributed Generation Users Group, Portland, OR, 29 Nov 2013.
76. J. Johnson, A. Ellis "Experimental Demonstration of Sandia PV Smoothing Algorithm using Coordinated Battery and Traditional Generation System", U.S. DOE Energy Storage Review, San Diego, CA, 25 Oct 2013.
77. J. Johnson, "Employing Advanced Inverter Functionality to Create Smarter Electricity Grids," 2013 Energy Tech Insight, Seoul, Korea, 27 Aug 2013.
78. J. Johnson, "Technical Update on SIRFN and SNL Inverter Interoperability Testing," PES Powertech, Grenoble, France, 21 Jun 2013.
79. J. Johnson, "Arc Fault Circuit Interrupter Issues," Solar America Board for Codes and Standards Stakeholder Meeting, Solar Power International, Orlando, FL, Sept 2012.
80. J. Johnson, W. Moore, C. Oberhauser, S. McCalmont, and R. LaRocca, "Arc-fault protection in PV installations: Ensuring PV safety and bankability," World Renewable Energy Forum, Denver, CO, 16 May 2012.
81. J. Johnson, W.I. Bower, "Codes and Standards for Photovoltaic DC Arc-Fault Detection," Solar America Board for Codes and Standards Stakeholder Meeting, Solar Power International, Dallas, TX, 21 Oct 2011.
82. J. Johnson, M.W. Moorman, D. Chu, R.J. Simonson, G.R. Bogart, "Microelectronics Packaging of a Micro Gas Analyzer," International Microelectronics Assembly and Packaging Society (IMAPS) Workshop on High Reliability Microelectronics

for Military Applications, Baltimore, MD, 18 May 2011.

IN THE NEWS

- Quoted in Wall Street Journal, "EV Charging Networks Prepare for Cyberattacks"; also on MSN. July 14, 2023.
- Quoted in Wired, "EV Charger Hacking Poses a 'Catastrophic' Risk" by Tik Root July 5, 2023. The article was co-published with Grist, "Hackers already infiltrate EV chargers. It could only get worse." and republished on MotherJones (EV Charger Hacking Could Imperil the Security of the Power Grid), Scientific American (Hackers Could Use Electric Vehicle Chargers to Attack the Power Grid), Slate (How Hackers Could Attack Electric Vehicle Chargers), Yahoo News (Are EV Chargers a Cybersecurity Risk?), National Observer (EV chargers are no match for hackers. And it could only get worse) and Canary Media (Are EV chargers a cybersecurity risk?).
- Organiza el INEEL el taller "Sandia Workshop '23" [INEEL organizes the workshop "Sandia Workshop '23"], 25 May 2013.
- J. Johnson, J. Gentle, "Metrics: How Effective Is A Security Control?", Unsolicited Response Podcast, 17 May 2023. Video version: https://www.youtube.com/watch?v=_H_wbbPWQjo
- SAND2022-9315 "Cybersecurity for Electric Vehicle Charging Infrastructure," cited in Wall Street Journal, "Could Electric Vehicles Be Hacked? Cybersecurity experts warn that EVs will be ripe targets for hackers unless more attention is paid to the risks," Bart Ziegler, Feb. 14, 2023.
- DOE EERE, WETO-Funded Research Focuses on Reducing Cybersecurity Threats to Nation's Wind Fleet, Feb 9, 2023:
- Sandia Labs News Releases, Sandia studies vulnerabilities of electric vehicle charging infrastructure, 15 Nov 2022, Mollie Rappe, https://newsreleases.sandia.gov/ev_security/. Follow-on reporting from TV (KOB 4, KRQE 13, KOAT), radio (KUNM), print (Albuquerque Journal) and online outlets (The Register, Albuquerque Business First, Yahoo News, Hackaday, Security Boulevard, E&E News, Vietname Explorer, Tech Explore, Lohrmann on Cybersecurity, Homeland Preparedness, Homeland Security News Wire, GCN, Mirage News Australia, Green Car Congress, 24H Tech, GovCon Daily, Science and Tech Post, Industrial Safety and Security Source, ExecutiveGov, IT Security News), Dark Reading.
- Forbes, Cybersecurity Risks: Protecting The Electric and Software-Defined Car, 28 Jun, 2022, Steve Tengler, https://www.forbes.com/sites/stevetengler/2022/06/28/cybersecurity-risks-protecting-the-electric-and-software-defined-car/?sh=1058c25f2475
- Sandia LabNews, Eight Sandia volunteers assist in tram car rescue on New Year's Day, 28 Jan, 2022, Katherine Beherec, https://www.sandia.gov/labnews/2022/01/28/eight-sandia-volunteers-assist-in-tram-car-rescue-on-new-years-day/
- Sandia LabNews, Search and rescue volunteers from Sandia respond to wilderness misadventures, 1 Mar, 2021, Mollie Rappe, https://www.sandia.gov/labnews/2021/02/26/search-and-rescue-volunteers-from-sandia-respond-to-wilderness-misadventures/
- E&E News, 'Major vulnerability': EV hacks could threaten power grid, Christian Vasquez, 17 June, 2020, https://www.eenews.net/articles/major-vulnerability-ev-hacks-could-threaten-power-grid/
- Typhoon HIL Blog, Industry Spotlight Q&A: Jay Johnson from Sandia National Laboratory, Samantha Bruce, 5 Mar, 2018, https://info.typhoon-hil.com/blog/industry-spotlight-qa-jay-johnson-from-sandia-national-laboratory
- NewsWise, Sandia Receives ENERGISE Award to Study How to Help Utilities Better Manage Power System, 1 Feb, 2017, https://www.newswise.com/articles/sandia-receives-energise-award-to-study-how-to-help-utilities-better-manage-power-system
- Sandia LabNews, Outstanding young engineers, Mollie Rappe, 4 Aug 2016, https://www.sandia.gov/labnews/2016/08/04/ieee-2/

AWARDS AND HONORS

- Best Poster at the IEEE 50th Photovoltaic Specialist Conference (PVSC) for "Parametric Analysis of Photovoltaic Inverters Under Balanced and Unbalanced Voltage Phase Angle Jump Conditions."
- 2022 "Super Honorable Mention" in the SANS Holiday Hack Challenge (In top 50 of 16,000 competitors): https://www.sans.org/mlp/holiday-hack-challenge/winners-and-answers/
- 2022 SunSpec Alliance Open Standards Champion Award Winner in recognition of exceptional contributions to the open standards in the DER industry.
- 2022 R&D100 Award Winner in the Software/Services Category and Silver Award in the Market Disruptor – Products Category, Sandia National Laboratories, Proactive Intrusion Detection and Mitigation System (PIDMS), Team: Shamina Hossain-McKenzie, Adam Summers, Adrian Chavez, Nicholas Jacobs, C. Birk Jones, Brian Wright, Jay Johnson, James Obert.
- 2021 R&D 100 Award Winner, Software/Services Category, *Secure-Firmware Over-the-Air (S-FOTA) Update Protocol*. Team: Sung (Peter) Choi, Jay Johnson, Adrian Chavez, Tam Le, and Alan Sonntag.
- 2020 Featured in the Sandia National Laboratories "Tech Transfer Success Stories 2020" for Ensuring Cybersecurity in Solar Energy Systems.

- 2020 The ENERGISE project was part of National Grid's POWER Digitalization/Technology Adoption Award.
- 2019 Elevated to IEEE Senior Member.
- 2016 Albuquerque Section IEEE (Institute of Electrical and Electronics Engineers) Outstanding Young Engineer Award.
- 2015 SunSpec Alliance McCulloch-Pitts Award "for innovation, collaboration and general technical excellence in the area of Distributed Energy Resource control automation."
- 2012 and 2015 President's Volunteer Service Awards.
- 2014 IEEE PVSC Best Poster Award for *Evaluation Method for Arc Fault Detection Algorithms*.
- 2013 IEEE ECCE 3rd Prize Best Student Paper for *PV ground-fault detection using spread spectrum time domain reflectometry (SSTDR).*
- 2014/2015 Sandia National Laboratories' Public Good Innovator Award.
- 2014 Sandia National Laboratories' Up-and-Coming Innovator Award.
- 2013 Employee Recognition Award Nomination for the Packaging Enterprise HBT Integrated Circuit Production Team.
- 2008 Palo Alto Research Center (PARC) Sustainability Fellowship.
- Graduated University of Missouri-Rolla at top of the Dec 2006 School of Engineering class with perfect 4.0/4.0 GPA.

ACTIVITIES AND TECHNICAL ORGANIZATIONS

- Winter and Rock Technician, Albuquerque Mountain Rescue Council, 2011-present.
- Guest Editor for Energies Special Issue "Cybersecurity Solutions for Photovoltaic Systems, Wind Energy Sites, and Electric Vehicle Chargers."
- Industrial Advisory Board member for DOE SETO-funded "Optimal Reconfiguration and Resilient Control Framework for Real-Time Photovoltaic Dispatch to Manage Critical Infrastructure (ReDis-PV)" project.
- DOE CyberForce Competition Red Team Volunteer, 2019, 2020, 2021.
- Advisory Board for the NASEO and NARUC Cybersecurity Advisory Team for State Solar (CATSS) project, 2020-current.
- Completed 8-Part Center 8800 Energy & Earth Systems Leadership Workshop, Spring 2021.
- Completed multiple week-long SANS Institute and Offensive Security cybersecurity classes.
    - SANS ICS410: ICS/SCADA Security Essentials, April 2020.
    - SANS SEC560: Network Penetration Testing and Ethical Hacking, July 2020.
    - SANS ICS456: Essentials for NERC Critical Infrastructure Protection, May 2021.
    - SANS FOR508: Advanced Incident Response, Threat Hunting, and Digital Forensics, Feb 2022.
    - SANS SEC556: IoT Penetration Testing, May 2022.
    - SANS SEC588 Cloud Penetration Testing, Dec 2022.
    - Offensive Security PWK/PEN-200: Penetration Testing with Kali Linux
- Lead for the IEEE P1547.3 "Guide for Cybersecurity of Distributed Energy Resources Interconnected with Electric Power Systems" Justification Subgroup, 2020-2021.
- Balloter for IEEE 1547.3, IEEE 1547.9, IEEE 2800.
- U.S. Expert for ISO/TC 197/WG 24, Gaseous hydrogen – Fueling protocols for hydrogen-fueled vehicles, 2021.
- Co-convener for the SunSpec/Sandia DER Cybersecurity Workgroup, 2017-present.
    - Leader for the Access Control Subgroup, 2020.
    - Co-lead for the Patching Subgroup, 2021.
- Reviewer for the "European Research Infrastructure supporting Smart Grid Systems Technology Development, Validation and Roll Out" (ERIGrid) Transnational Access program, 2017-2019.
- Organized the *DOE VTO Cyber-Security of On-Road Transportation Meeting*, April 23-24, 2019, at Sandia National Laboratories for ~55 federal and national laboratory employees.
- Member of UL 1699B (Outline of Investigation for Photovoltaic (PV) DC Arc-Fault Circuit Protection) Standards Technical Panel, 2012-present.
- International Harmonization Committee (IHC) for UL/IEC 62109-2 "Standard for Power Converters for Use in Photovoltaic Power Systems - Part 2: Particular Requirements for Inverters," 2016-2020.
- Member of the CEC/CPUC Smart Inverter Working Group, 2014-2015, 2019-2020.
- UL 1741 Supplement A (*Standard for Inverters, Converters, Controllers and Interconnection System Equipment for Use with Distributed Energy Resources*) task group member.
- Contributing member in IEEE 1547, "Standard for Interconnecting Distributed Resources with Electric Power Systems," Communication Working Group, 2018.
- Sandia National Laboratories representative for the SunSpec Alliance, 2013-present.
- Sandia representative for European Distributed Energy Resources Laboratories (DERlab), 2018-present.

- Sandia representative for the Smart Grid Interoperability Panel (SGIP) with active participation in the Distributed Renewables, Generation & Storage (DRGS) Domain Expert Working Group (DEWG) Conformance/Interoperability Tests and Certifications (Subgroup D), 2015-2016.
- International Smart Grid Action Network (ISGAN) Annex 5 “Smart Grid International Research Facility Network (SIRFN)” subgroup leader, 2015-2018.
- Guest editor for DERlab/SIRFN Special Issue on Pre-standardisation Activities in Grid Integration of DER, International Journal of Distributed Energy Resources and Smart Grids, 2015.
- Member of CIGRE D2.46 Working Group, “Cybersecurity: future threats and impact on Electric Power Utility organizations and operations,” 2018.
- Reviewer for IEEE PVSC, IEEE TPEL, IEEE JPV, and IEEE TSG.
- Pi Tau Sigma, Tau Beta Pi, Kappa Mu Epsilon.
- Sandia Ski and Snowboard Team, Webmaster 2012-2014, Treasurer 2014-2019, President 2019-2020.

BEFORE THE
PENNSYLVANIA PUBLIC UTILITY COMMISSION

Petition of PPL Electric Utilities Corporation for Approval of its Second Distributed Energy Resources Management Plan	: : :	Docket No. P-2024-_____

DIRECT TESTIMONY OF ELIZABETH COOK, Ph.D.

PPL Electric Statement No. 6

May 20, 2024

Q. PLEASE STATE YOUR NAME AND BUSINESS ADDRESS.

A. My name is Dr. Elizabeth Cook, and my business address is 169 Irwin Avenue, Pittsburgh, PA 15202.

Q. BY WHOM ARE YOU EMPLOYED AND IN WHAT CAPACITY?

A. I am self-employed as owner of EMC^2 Collective Power, LLC ("EMC^2") and employed by the Association of Edison Illumination Companies ("AEIC") as Vice President of Technical Strategy.

Q. WHAT IS YOUR EDUCATIONAL BACKGROUND?

A. I received a B.S. degree in Electrical Engineering from the University of Pittsburgh in May 2004, an M.S. degree in Electrical Engineering from Kansas State University in May 2011, and Ph.D. in Electrical Engineering from the University of Pittsburgh in October 2020.

Q. PLEASE DESCRIBE YOUR PROFESSIONAL EXPERIENCE.

A. As the Founder of EMC^2 Collective Power, I independently advise clients on the impacts and integration of new technologies in the electric industry and on the processes and leadership required to ensure the safe, reliable, and affordable electrical service when integrating those new technologies. Also, in my role as the Vice President of Technical Strategy at AEIC, I drive initiatives in electric energy innovation and operational excellence by working closely with technical committees and member companies and by directing projects at AEIC's Center for Operational Excellence. Previously, I was employed by Duquesne Light Company ("Duquesne Light") from 2016 to 2023. Prior to

that, I was hired at Mitsubishi Electric Power Products for 12 years when I graduated from the University of Pittsburgh in 2004.

During my 20-year career in the energy industry, I have held multiple positions and gained valuable experience in various industry functions. Below is the list of these positions:

- August 2008 – August 2015 – Senior System Studies Engineer at Mitsubishi Electric Power Products – I worked with Utility Planners to provide creative and cost-effective transmission solutions for future resource requirements. In addition, I maintained and improved transmission steady-state and dynamics data, reviewed and analyzed base cases, performed model validation studies, and performed power flow, transfer capability, voltage, and dynamic stability studies. I also developed several electromagnetic models using positive and zero sequence network impedances for various system connections. The model construction included benchmarking and verifying steady-state fault currents for transmission systems by comparing the Electromagnetic Transient Program ("EMTP").

- August 2015 – March 2016 – Power System Stability Studies Section Manager at Mitsubishi Electric Power Products – I was responsible for continually improving upon methods and procedures for processes, measurement, documentation, and workflow techniques. I mentored junior engineers and new hires to improve all team members' competency and efficiency. I also supported and educated internal stakeholders, including management, Compliance, Operations, and other departments, on the Bulk Electric System concerns and complexities. I maintained and reviewed North American Electric Reliability Corporation ("NERC") Compliance Planning Standards for project planning, participated in regional planning activities with external groups, such as PJM Interconnection LLC ("PJM"), The California Independent System Operator ("CAISO"), Southwest Power Pool ("SPP"), Electric Reliability Council of Texas ("ERCOT"), and Western Electricity Coordinating Council ("WECC") Committees, and provided technical training to utility members on power system studies and phenomena.

- March 2016 – November 2021 – Transmission & Distribution System Planning Senior Manager at Duquesne Light – I managed and led efforts in the transmission and distribution planning group. I reviewed and updated planning models for regulatory agencies and Duquesne Light, performed steady-state and dynamic contingency analyses for seasonal assessments, reviewed cut-in procedures, ran day-ahead studies for outage coordination, reviewed and conducted state estimator model updates, updated and reviewed procedures for all system planning models and relevant data requirements. I also led and developed Reliability Audit Standard Worksheets ("RSAWs"), procedures, and processes for NERC/PJM compliance obligations and led the development of scopes of work for future projects and construction estimates.

- December 2021 – December 2022 –General Manager of Advanced Grid Solutions at Duquesne Light; and January 2023 – December 2023 – Director of Grid Modernization and Advanced Grid Solutions at Duquesne Light. I was accountable for developing and executing the various programs and projects required to implement the capabilities and functions required for full-situational awareness. I also developed the teams and created the content (i.e., use cases, cost-benefit analyses, and business case development) for those programs and projects. I also led cross-functional teams, such as Operations, Customer, Regulatory, and Information Systems, to develop and support the work products. The plan and strategy were developed: (1) in collaboration with the U.S. Department of Energy's ("DOE") Office of Electricity and the various Electric Power Research Institute ("EPRI") Working Groups; and (2) through my engagement and efforts as a member of AEIC's Distributed Energy Resource Subcommittee (since 2017) and then Chair of that Subcommittee (since 2020).

Q. HAVE YOU PREVIOUSLY TESTIFIED AS A WITNESS BEFORE THE PENNSYLVANIA PUBLIC UTILITY COMMISSION ("COMMISSION")?

A. No.

Q. HAVE YOU BEEN RETAINED BY PPL ELECTRIC TO TESTIFY ON BEHALF OF THE COMPANY IN SUPPORT OF THE ABOVE-CAPTIONED PETITION?

A. Yes.

Q. WOULD YOU PLEASE DESCRIBE THE SUBJECT MATTER OF YOUR TESTIMONY?

A. My testimony will provide an overview of the status of solar development in Pennsylvania, electric utilities' experiences with distributed energy resources ("DERs") in Pennsylvania and other states, and electric utilities' pursuit of grid modernization. Collectively, my testimony will demonstrate that PPL Electric's Second DER Management Plan is needed to help facilitate the expansion of solar development in the Commonwealth and that PPL

Electric is well-positioned, compared to its peers, to continue monitoring and managing DERs on its distribution system.

Q. ARE YOU SPONSORING ANY EXHIBITS WITH YOUR TESTIMONY?

A. Yes, I am sponsoring the following exhibits:

- PPL Electric Exhibit EC-1 – a copy of my curriculum vitae.

I. SOLAR DEVELOPMENT IN PENNSYLVANIA

Q. COULD YOU PLEASE PROVIDE US WITH AN OVERVIEW OF SOLAR DEVELOPMENT IN PENNSYLVANIA?

A. Although solar development in Pennsylvania has been slower than some other states, the Commonwealth has continued to see year-over-year growth. For example, as seen in the Commission's "Net Metering & Interconnection Report 2021-2023,"[1] the number of interconnection applications for Level 1 small generator facilities (*i.e.*, 10 kW or less) is increasing. In the Company's service territory specifically, the report states on pages 12 and 13 that there were 1,869, 2,876, and 4,698 interconnection applications in 2021, 2022, and 2023, respectively. This increasing trend can be seen across almost all of Pennsylvania's electric distribution companies ("EDCs"), but PPL Electric's number of interconnection applications over 2021 to 2023 has outpaced the other EDCs, as shown on pages 13 and 14 of that report.

[1] https://www.puc.pa.gov/media/2652/net-metering-interconnection-report-2021-2023_final.pdf.

Q. HOW DOES PENNSYLVANIA'S AMOUNT OF SOLAR DEVELOPMENT COMPARE TO OTHER STATES?

A. Although Pennsylvania currently ranks 30th in the U.S. for solar energy, the Commonwealth has tripled solar production since 2013. In fact, a recent PennEnvironment article noted that Pennsylvania ranked 15th in the nation for rooftop solar growth over the past decade.[2] Also, as I noted previously, the number of interconnection applications has increased significantly over the past three years, especially in PPL Electric's service territory.

Q. ARE YOU AWARE OF ANY FEDERAL OR STATE INITIATIVES TO EXPAND SOLAR DEVELOPMENT IN PENNSYLVANIA?

A. Yes. Several federal and state programs are focused on expanding solar development. For instance, the U.S. Environmental Protection Agency's ("EPA") Solar for All Program[3] and the DOE's recent investments in solar manufacturing and recycling[4] are federal initiatives designed to advance solar energy deployment and integration at the federal level. Specifically, the EPA's Solar for All Program delivers solar energy solutions to low-income and disadvantaged communities across states, such as Pennsylvania, providing financial assistance and project deployment services, including community outreach and workforce development. Additionally, the DOE has allocated $82 million to enhance solar

[2] https://environmentamerica.org/pennsylvania/center/media-center/rooftop-solar-is-slowly-on-the-rise-in-pa/#:~:text=Yet%20even%20with%20this%20growth,solar%20over%20the%20last%20decade.

[3] https://www.epa.gov/greenhouse-gas-reduction-fund/solar-all.

[4] https://www.energy.gov/articles/biden-harris-administration-announces-82-million-investment-increase-domestic-solar.

manufacturing and recycling, with added funding for new grid management tools to help integrate solar into the electricity grid more efficiently. Another critical federal support mechanism is the expanded federal Solar Investment Tax Credit ("ITC")[5] that was passed in August 2022 and provides a tax credit of 30% for the installation of a residential solar energy system.[6]

At the state level, the Pennsylvania Energy Development Authority ("PEDA") has received substantial federal funding to expand residential solar deployment, explicitly targeting low-income and disadvantaged communities.[7] This initiative emphasizes household savings, community ownership, and the creation of quality jobs. Another state-led initiative, Pennsylvania Department of Environmental Protection's ("DEP") Clean Energy Program Plan 2023-2025 for Pennsylvania, highlights and provides an enablement plan for solar energy.[8] It includes initiatives for supporting local governments with solar projects, facilitating solar energy siting, and expanding public knowledge and technical support for renewable energy development. This effort focuses on establishing best practices to enable broader solar adoption, which will provide a structured approach to solar energy integration throughout the Commonwealth.

[5] https://www.energy.gov/eere/solar/homeowners-guide-federal-tax-credit-solar-photovoltaics.

[6] The ITC will remain at 30% through 2032, after which it will decrease to 26% for solar energy systems installed in 2033 and to 22% for solar energy systems installed in 2034. The ITC will expire in 2035 unless reauthorized by Congress.

[7] https://www.epa.gov/newsreleases/biden-harris-administration-announces-pennsylvania-energy-development-authority#:~:text=PHILADELPHIA%20(April%2022%2C%202024),develop%20long%2Dlasting%20solar%20programs.

[8] https://www.depgreenport.state.pa.us/elibrary/GetDocument?docId=4852828&DocName=CLEAN%20ENERGY%20PROGRAM%20PLAN%202023-2025.PDF%20%3cspan%20style%3D%22color:green%3b%22%3e%3c/span%3e%20%3cspan%20style%3D%22color:blue%3b%22%3e%28NEW%29%3c/span%3e.

In addition, the Solar Energy Program ("SEP"), which is administered jointly by DEP and the Pennsylvania Department of Community and Economic Development ("DCED"), offers grants and loans to promote the use and generation of solar energy.[9] The program supports businesses, economic development organizations, and political subdivisions, like municipalities and counties, aiming to facilitate the installation of solar power systems across Pennsylvania. The Commonwealth also is providing a Business Energy Investment Tax Credit, which includes a grant of up to $9,500 and a 10% tax credit for businesses installing solar systems. Homeowners can benefit from the Pennsylvania Housing Finance Agency's Homeowners Energy Efficiency Loan Program, offering up to a $10,000 loan at a 1% interest rate for energy-efficient home improvements. Furthermore, owners can earn Solar Renewable Energy Credits for every 1,000 kWh produced, with each credit valued between $35 and $40.[10] (EcoGen America)

Q. HOW MIGHT THOSE INITIATIVES IMPACT THE LEVEL OF SOLAR INSTALLATIONS DEPLOYED IN PENNSYLVANIA?

A. These programs can significantly impact the level of solar installations in Pennsylvania by providing enhanced technical support, educational resources, and financial incentives. These efforts aim to facilitate the siting and development of solar projects, improve capabilities in managing and approving solar projects, and expand public awareness and acceptance of solar energy.

[9] https://dced.pa.gov/programs/solar-energy-program-sep/.

[10] https://ecogenamerica.com/pa-solar-incentives/.

Q. BASED ON YOUR REVIEW, IS PPL ELECTRIC'S FIRST DER MANAGEMENT PLAN INHIBITING SOLAR DEVELOPMENT IN THE COMPANY'S SERVICE TERRITORY?

A. No. PPL Electric continues to see significant growth in solar development in its service territory since the Company began implementing its First DER Management Plan on January 1, 2021. This can be seen in the following tables from the Commission's "Net Metering & Interconnection Report 2021-2023"[11]:

[11] "Net Metering & Interconnection Report 2021-2023," pp. 22-23, *available at* https://www.puc.pa.gov/media/2652/net-metering-interconnection-report-2021-2023_final.pdf.

TABLE 6C: STATUS OF INTERCONNECTION REVIEWS COMPLETED, BY EDC SERVICE TERRITORY - 2021

2021	Citizens	DLC	Met-Ed	PECO	Penelec	Penn Power	Pike	PPL	UGI	Wellsboro	West Penn	Total
Submitted	7	1,122	1,375	2,567	527	152	1	2,817	19	3	877	**9,467**
Completed	6	1,115	1,368	2,386	527	152	1	2,817	19	3	577	**8,971**
Approved	6	1,064	1,368	2,193	520	152	1	2,143	19	3	576	**8,045**
Denied	0	0	0	123	0	0	0	0	0	0	1	**124**
Cancelled by Customer	0	33	20	9	3	2	0	0	8	0	11	**86**
Pending Customer Action	1	14	333	37	91	43	0	674	0	0	140	**1,333**
Pending EDC Action	0	4	0	24	0	0	0	0	0	0	0	**28**

TABLE 6B: STATUS OF INTERCONNECTION REVIEWS COMPLETED, BY EDC SERVICE TERRITORY - 2022

2022	Citizens	DLC	Met-Ed	PECO	Penelec	Penn Power	Pike	PPL	UGI	Wellsboro	West Penn	Total
Submitted	5	1,570	2,008	3,291	409	217	13	4,267	35.	3	669	**12,487**
Completed	5	1,114	1,936	3,291	500	217	12	2,634	25	0	669	**10,403**
Approved	5	1,055	2,043	2,381	498	217	12	2,634	25	3	669	**9,542**
Denied	0	0	0	0	0	0	0	0	0	0	0	**0**
Cancelled by Customer	0	38	46	828	2	18	0	0	0	0	15	**947**
Pending Customer Action	0	14	738	73	179	80	0	1,633	10	0	285	**3,012**
Pending EDC Action	0	10	0	9	0	0	0	0	0	0	0	**19**

*The data in Table 6B do not match the data in last year's report due to an amended filing submitted by PECO.

TABLE 6A: STATUS OF INTERCONNECTION REVIEWS COMPLETED, BY EDC SERVICE TERRITORY - 2023

2023	Citizens	DLC	Met-Ed	PECO	Penelec	Penn Power	Pike	PPL	UGI	Wellsboro	West Penn	Total
Submitted	17	2,325	2,630	4,527	561	407	12	7,567	82	5	1,069	**19,202**
Completed	17	2,250	2,570	4,478	519	338	10	5,182	81	0	966	**16,411**
Approved	17	1,480	2,573	3,304	455	194	0	5,175	80	5	655	**13,938**
Denied	0	0	0	0	0	5	0	2	0	0	0	**7**
Cancelled by Customer	0	120	83	697	21	35	0	5	1	0	27	**989**
Pending Customer Action	2	8	854	362	56	108	2	2,385	0	0	284	**4,061**
Pending EDC Action	0	0	0	115	0	0	0	0	0	0	0	**115**

II. UTILITIES' EXPERIENCES WITH DERS IN PENNSYLVANIA AND OTHER STATES

Q. COULD YOU PLEASE SUMMARIZE THE CHALLENGES OTHER ELECTRIC UTILITIES HAVE SEEN WITH THE DEPLOYMENT OF DERS ON THEIR ELECTRIC DISTRIBUTION SYSTEMS?

A. When electric utilities connect customer generation at the "edge," meaning where the utilities' systems interface with customer-owned generation systems and control assets, it is not the same as a customer load. The customer is no longer only taking electrons off the grid; they are putting electrons back onto the grid. As such, the voltage, volt-ampere

reactive ("VAR"), and watts change in a non-singular, non-linear direction. Once an electric utility starts to add on-site generation, there is now a dynamic edge that places demands on the distribution grid that it was not designed to accommodate. This point is critical because every distribution feeder is uniquely different from the next.

For instance, consider two feeders located in one service territory: one neighborhood. The first feeder is 13 miles long and has a voltage of 23 kV, feeding 100 typical-sized homes, and the second feeder is 5 miles long and has a voltage of 4 kV, feeding 20 typical homes. The longer, higher voltage feeder experiences more significant voltage drops over its length, necessitating advanced voltage regulation technologies to maintain stable power delivery across all homes. This could include implementing capacitor banks, voltage regulators, or load tap changers to compensate for the longer distance and higher load variability. On the other hand, the shorter, lower voltage feeder, while less susceptible to voltage drops due to its compact nature, might still face challenges if intermittent renewable energy sources, like solar, are integrated. These sources can lead to voltage stability issues and power quality concerns, particularly when the generation from these sources does not align with consumption patterns. The bi-directional nature of power flow with such energy sources requires modifications in circuit design to accommodate both traditional power delivery from the grid and power input from homes, which might include upgrading protection systems to handle the new dynamics of power flow.

Both feeders would, therefore, need the electric utility to design and upgrade infrastructure to effectively manage the added complexity of renewable energy sources, while ensuring the continued reliability and efficiency of power delivery to all connected

homes. This might involve a significant investment in technological upgrades and system redesign to ensure these feeders can handle the dynamic challenges of modern energy demands and generation methods.

In addition, the impact of customer-owned generation installed at the edge can be seen even in low numbers. Indeed, one solar system on one feeder could have a detrimental effect on the power quality of other customers' service, such as when a solar system is not performing effectively and negatively affects the feeder's voltage.

At the same time, however, DERs can be used to help support the distribution system, including voltage, by enabling two-way communication between the DERs and electric utilities. Such communication allows the electric utilities to create programs that can help support the overall grid. In pursuing these programs, it is critical to have accurate computer models and simulation software, such as a Distribution Management System ("DMS") and Power Flow Software (e.g., Synergi or CYME), that can effectively oversee the entire grid, including all systems connected to it. These tools provide the asset owners with visibility of each component. This level of insight is essential to ensuring that all feeders can handle a wide range of operational scenarios, maintaining stability and efficiency even during fluctuating conditions.

Q. DO YOU HAVE ANY SPECIFIC EXAMPLES?

A. Yes. In the EPRI report titled "Improving Visibility of DER and Load Through Advanced Real-Time and Short-Term Forecasting,"[12] there is a case study for Consolidated Edison

[12] https://www.epri.com/research/products/000000003002024360.

Company of New York, Inc. ("ConEd") demonstrating the overall impacts of a multitude of DER proliferation scenarios across four separate feeders. The case study shows the dynamic variability under which the feeders perform, demonstrates how the standard utility voltage regulation tools are used heavily, and provides insight on the importance of having the enhanced technology and increased visibility of DERs. As the report summarized on page 8-1, the case study's results "supported four main conclusions": (1) "[i]ncreased DER visibility can directly improve load forecasting performance for operations"; (2) "[s]olar forecasting has sufficient accuracy to provide DER visibility down to the customer-level"; (3) "[e]ven with the availability of forecasts, DER metering data can still be useful, especially for assessing and calibrating forecasts"; and (4) "[w]hile forecast accuracy reduces as the forecast horizon increases, the difference between updating forecasts once per day versus every hour is small enough that the choice of forecast schedule for operations does not need to be decided based solely on forecast accuracy."

Also, I have had the opportunity in my career to talk and review with a multitude of utilities work, such as Southern California Edison Company, Florida Power & Light Company, Arizona Public Service Company, Oklahoma Gas and Electric Company, and Duquesne Light, discussing the current processes and ability to gather the data build the models and run the analytics. Based on my experience, the work highlighted in this EPRI report's case study is not unique to ConEd. Therefore, this case study underscores the critical need for grid monitoring and data analytics advancements, as exemplified by ConEd's implementation of enhanced system models and voltage regulation strategies. By embracing such technologies, utilities can maintain management over grid operations,

enhance reliability and efficiency, and better prepare for a future with widespread deployments of DERs.

III. UTILITIES' PURSUIT OF GRID MODERNIZATION

Q. WHAT IS GRID MODERNIZATION?

A. Grid modernization is a term used in the electric industry to reference investments and practices that enable and unlock the existing grid's capabilities and that leverage DERs and other technologies to improve the grid's overall performance. If grid modernization is executed successfully, it can play a role in helping address the impact of increasing electrification demand, which requires investments in transmission infrastructure and bulk generation.

Grid modernization is a pivotal topic in the electric utility sector, representing the need for a transformative approach while embracing new technologies and capabilities that are now available to the energy sector. At the crux of all grid modernization plans is a utility with a defined "North Star" vision guiding the transformation, which requires full-situational awareness from the bulk generation to the grid edge.

The industry has broken down the pathway to grid modernization into five key function areas, which cover the fundamental capabilities that are required to fully realize grid modernization's potential. These areas are: (1) integrated planning; (2) system visibility; (3) real-time operation; (4) consumer and energy services; and (5) emerging grid architecture. Integrated planning focuses on improved planning processes, including forecasts and acknowledgment of the changing customer demand. System visibility involves technologies that provide situational awareness to grid operators. Real-time

operation highlights the need for technologies that act automatically on system data to maintain optimal operation. Consumer and energy services explore how consumers and third-party services engage with the grid for cost savings, resilience, or other benefits. Lastly, emerging grid architecture looks at future grid designs and business models required for managing increasing decentralization. All five of these function areas require data on the inverter-based resources' performance. Without this information, all of these capabilities are incomplete and not as effective.

Further, there are 11 technologies that can be used in grid modernization: (1) synchro phasors; (2) distributed energy resource management system ("DERMS"); (3) advanced metering infrastructure ("AMI"); (4) home energy management systems ("HEMS"); (5) interdependency planning; (6) networked microgrids; (7) volt-var optimization ("VVO") software; (8) integrated planning of transmission and distribution software; (9) automatic DER interconnection process software; (10) advanced distribution management system ("ADMS"); and (11) dynamic line rating technology. The majority of defined technologies require open integrated data streams and communication when integrated with the distribution grid.

Q. IS THE COMPANY'S FIRST DER MANAGEMENT PLAN AND SECOND DER MANAGEMENT PLAN CONSIDERED GRID MODERNIZATION?

A. Yes. It encompasses multiple building blocks of functionality and technology as stated above that are required to unlock the current grid's capabilities and effectively plan and operate the grid in the future.

Q. ARE YOU AWARE OF OTHER ELECTRIC UTILITIES PURSUING GRID MODERNIZATION?

A. Yes.

Q. COULD YOU PLEASE SUMMARIZE SOME OF THOSE ELECTRIC UTILITIES' GRID MODERNIZATION EFFORTS?

A. The following list is a summary of some utilities' grid modernization efforts, which were highlighted in the Grid Modernization Index 2020 report[13] and have all been a part of my engagement and networking at the AEIC DER Subcommittee meetings:

- Arizona Public Service Company ("APS"): APS adopted a system of systems approach for integrating DERMS, addressing DER integration and grid reliability and actively rolling out Fault Location, Isolation, and Service Restoration ("FLISR") and distribution automation techniques to enhance grid performance.

- Ohio Power Company d/b/a AEP Ohio ("AEP Ohio"): AEP Ohio launched an innovation process based on agile principles to encourage a culture of innovation within the company. This approach led to collaborations with startups to co-develop technologies for grid modernization, focusing on resilience and electrification.

- Florida Power & Light Company ("FPL"): FPL invested over $5 billion since 2006 to strengthen the grid, improve service reliability, and install over 5 million smart meters. They have effectively modernized their DMS with common SCADA shared with Energy Management System ("EMS"). Adoption of Advanced Network Applications (Volt-Var Control, FLISR). Improved their operator visualization and situational awareness tools. Integrated their DMS with their outage management systems. These investments have improved FPL's resilience and reduced outages during severe weather events.

[13] https://www.gridwise.org/resource-downloads/GWA_GMIInsightsintoaTransformation_2020_FINAL.pdf.

In addition, as detailed in Oklahoma Gas and Electric Company's ("OG&E") Grid Modernization Update to the Oklahoma Corporation Commission,[14] OG&E is in a third phase of the grid modernization plan around technology growth enhancing its DMS and ADMS activities that are being built upon under its Phase 1 Smart Grid, where OG&E rolled out the AMI, field communication systems, distribution management systems, integrated volt/var control, and automated switches.

Q. HAVE OTHER ELECTRIC UTILITIES IMPLEMENTED ANYTHING ON PAR WITH THE COMPANY'S FIRST DER MANAGEMENT PLAN OR SECOND DER MANAGEMENT PLAN?

A. No, not with respect to visibility and management of behind-the-meter DERs. Although utilities have implemented many components and requirements for inverter requirements, such as IEEE 1547-2018 and other industry driven initiatives (like communication protocol requirements), other utilities have not yet taken the next step of leveraging them to monitor and manage DERs across the distribution system.

Q. TO THE BEST OF YOUR KNOWLEDGE, WHY HAVE THEY NOT?

A. Grid modernization requires time and investment. PPL Electric has been proactive and executed a plan the Company determined was necessary over 10 years ago with a fully defined vision to get ahead of the impact of DERs and implement processes that will work for the benefit of all customers. To unlock the edge, a distribution utility must have a

[14] https://oklahoma.gov/content/dam/ok/en/occ/documents/pu/pud-reports-page/occgridmodernization presentation-111419.pdf.

geographical database of all distribution assets, a robust electrical connected model, an established planning and interconnection process, a fleet of intelligent devices, a communication network that can work with the intelligent devices, an available and active distribution management system, and communication and inverter standards that are defined and implemented. These activities all take time and resources and are necessary to support and manage the proliferation of DERs safely, reliability, and affordably. Being proactive and executing a vision is difficult, but PPL Electric is showing the way.

Q. FROM YOUR PERSPECTIVE, SHOULD THE COMMISSION APPROVE THE SECOND DER MANAGEMENT PLAN SO THAT THE COMPANY CAN CONTINUE TO MONITOR AND ACTIVELY MANAGE DERS ON ITS DISTRIBUTION SYSTEM?

A. Yes. PPL Electric's First and Second DER Management Plans are proactive steps to help facilitate and encourage the interconnection of DERs in a safe, reliable, and cost-effective way. As such, I believe the Commission should approve the Second DER Management Plan.

Q. DOES THIS CONCLUDE YOUR DIRECT TESTIMONY AT THIS TIME?

A. Yes, although I reserve the right to supplement my direct testimony.

PPL Electric Exhibit EC-1

Elizabeth M. Cook, Ph. D.

412-760-2186 | elizabeth@emc2cp.com | Pittsburgh, PA | LinkedIn

Highly educated, innovative and analytical professional with 20 years of industry experience working with utility companies. Proven ability to quickly learn, understand complex topics and deliver in fast-paced environments. Adept at creating business model transformations and/or partnership innovation methods to help customers in the clean energy transition. Passionate about educating and influencing stakeholders on key industry trends, EI&T services and portfolio outcomes. Experience with leading change, navigating ambiguity, managing senior/executive stakeholder communications, and organizing and leading purpose-built, cross-functional teams. Confident in capability to take highly technical information and break it down for all audience levels.

Core Competencies

- Grid Strategist
- Cross-functional Leadership
- Strategy Planning
- Data Cleansing & Analytics
- Staff Training & Development
- Process Improvement
- Energy Industry Trends
- Consumer Insights & Research
- Stakeholder Management
- Cost-effective Measures
- Budget Management
- Project Management

Professional Experience

2024 - Present • EMC^2 Collective Power • Pittsburgh, PA

Founder/CEO| 2024 – Present Specializing in Grid Integration, providing support and expertise in establishing connections with industrial, commercial, and academic communities to facilitate the integration of net-zero buildings and Microgrid systems into the power grid.

2024 - Present • Association of Edison Illuminating Companies (AEIC) • Pittsburgh, PA

Technical Strategy, Vice President| 2024 – Present

Driving initiatives and supporting operational excellence for the AEIC Electric Utility Membership working closely with technical committees, member companies, and directing projects at AEIC's Center for Operational Excellence

2016– 2023 • Duquesne Light Company • Pittsburgh, PA

Privately owned electric utility providing power to 600K customers in two counties in western PA.

Grid Modernization + Advanced Grid Solutions, Director | 2020 – 2023

Selected for role by CEO for vision and ability to speak the language to lead grid organization. Drive grid modernization plan with responsibility for seven workstreams focused on a $1.2B investment over five years.

Budget Responsibility: $5M Operating | $20M Capital | $1.2B Modernization

- Responsible for ensuring enterprise technology platform is integrated with the company's planning system, network architecture and physical assets.
- Manage and lead efforts within transmission and distribution power grid's operations and planning groups.
- Work with internal and external partnerships to collaborate with local, state, and federal planning entities, as well as universities and industry, to drive advanced grid solutions and plan for the future power grid.

System Planning, Senior Manager | 2016 – 2020

Identified, created and built the bridge between current and future desired power grid projects through an interactive change management process. Drove multiple process development groups simultaneously with projects ranging from two months to two years in length. Led transmission and distribution teams of nine and over saw budget of $15M in capital YoY.

- Stood up a strong distribution planning group with the ability to develop models, run studies and drive work products based on data insight and advanced analytics, raising the bar of company capabilities beyond what was thought possible.
- Set up comprehensive planning process to determine the most important focus areas and stood up a group to conduct project viability studies.

- Developed stack ranking criteria to prioritize projects across cross-functional groups to determine capital expense disbursements.

2004– 2016 • MITSUBISHI PRODUCTS, INC. • Pittsburgh, PA

Subsidiary of Melco (Japan) serving electric utility selling high voltage power equipment.

Power System Stability Studies Section Manager | 2015 – 2016

Responsible for a startup consulting group within the larger company. Stood up bidding processes and oversaw business processes including reviewing all contracts while leading a team of five engineers with a budget of $5M to procure 20-30 studies.

- Continually improved methods and procedures for processes, measurement, documenting and workflow technique enabling the group's growth in net income from $190K to $2M over 10 years.
- Mentored junior engineers and new hires to better improve the competency and efficiency of all team members and provided technical training to utility members of power system studies and phenomena.
- Supported and educated internal stakeholders including management, Compliance, Operations and other departments on the T&D Power Grid concerns and complexities.

"Elizabeth is a high capacity, strategic thinker who has driven many people, process and technology improvements in our planning function in her tenure. Her abilities and drive to excel are exceptional. Being a leader requires one to determine when others are working to their utmost ability and capability and accepting their performance as such even though it does not equal or even approach your ability and capacity."

Power System Studies Engineer | 2004 – 2015

Conducted five to ten concurrent studies while also interacting with 30 clients, conducting site reviews and providing technical training.

- Worked with Utility Planners to provide creative and cost-effective transmission solutions and ran studies to determine project feasibilities to create solutions to address problems for electric client companies.
- Maintained and improved transmission steady-state and dynamics data.
- Reviewed and analyzed base cases and performed model validation studies; Performed power flow, transfer capability, voltage and dynamic stability studies.
- Developed several electro-magnetic models using both positive and zero sequence network impedances for various system connections.
- Documented all study results in technical reports.

Educational Background

PH.D., ELECTRICAL ENGINEERING | University of Pittsburgh

MASTER OF SCIENCE, ELECTRICAL ENGINEERING | Kansas State University

BACHELOR OF SCIENCE, ELECTRICAL ENGINEERING | University of Pittsburgh

Publications, Involvement & Certifications

IEEE PES GM 2018 – Conference Paper
Distribution Model Creation using Circuit Maps for Applied PV Impact Studies

IEEE PES GM 2022 – Conference Paper
Solar Panel Identification Under Limited Labels

IEEE PES GM 2022 – Conference Paper
Recover Meter-Transformer Connectivity using Geospatial Unsupervised Learning and Q-GIS

Chair
AEIC DER Subcommittee | 2021-2023

UNITE Future Grid SME Track | 2022-2023

Certified Life & Wellness Coach | *Integrated Being*

Podcast Host | *All Things DER and Grid Mod Podcast, Sponsored by AEIC*

BEFORE THE
PENNSYLVANIA PUBLIC UTILITY COMMISSION

Petition of PPL Electric Utilities Corporation	:	
for Approval of its Second Distributed Energy	:	Docket No. P-2024-_____
Resources Management Plan	:	

DIRECT TESTIMONY OF LEE KREVAT

PPL Electric Statement No. 7

May 20, 2024

Q. PLEASE STATE YOUR NAME AND BUSINESS ADDRESS.

A. My name is Lee Krevat, and my business name and address is Krevat Energy Innovations LLC, 3530 NW 2nd Ave, Camas, WA 98607.

Q. BY WHOM ARE YOU EMPLOYED AND IN WHAT CAPACITY?

A. I am self-employed as CEO of Krevat Energy Innovations LLC. Krevat Energy Innovations is dedicated to the worldwide challenge of keeping the earth's climate human-friendly by advising start-ups, utilities, regulators, legislatures, and environmentally focused companies and communities. My goal is to help bring ClimateTech[1] solutions successfully to market by strategizing, advocating for, and connecting stakeholders.

Bold leadership and committed teams across the globe share a mission to create and deploy transformational technology. Krevat Energy Innovations leverages strengths in strategy, innovation, communication, and deep stakeholder networks across the energy, IT, and transportation ecosystem to help achieve these goals.

I am currently on the board, advisory board, or an advisor to 10+ start-up ClimateTech companies, on the advisory committee of DistribuTECH International (the leading annual transmission and distribution event that addresses technologies used to move electricity from the power plant through the transmission and distribution systems to the meter and inside the home), a reviewer for start-up companies for Southern California Energy Innovation Network ("SCEIN"), CalSeed, and CalTestBed, mentor at Plug and Play Tech Center, and host of The Climate Champions podcast where I have interviewed over 150 climate champions.

[1] https://www.nasdaq.com/solutions/listings/resources/blogs/what-is-climate-tech.

Q. WHAT IS YOUR EDUCATIONAL BACKGROUND?

A. I have a Bachelor of Science with University Honors from Carnegie Mellon University in Mathematics/Computer Science.

Q. PLEASE DESCRIBE YOUR PROFESSIONAL EXPERIENCE.

A. I have almost four decades of experience in the energy and technology industries. While working at San Diego Gas & Electric Company ("SDG&E"), a subsidiary of Sempra Energy, I founded and served as director of smart grid and led SDG&E's smart grid and electric vehicle initiatives, advocating Grid Modernization and Electric Vehicle grid integration. I was twice named one of the top 100 movers and shakers influencing the smart grid market by GreenTech Media and twice recognized as a Top 12 Utility Mover and Shaker and Utility Champion by Intelligent Utility Magazine.

Prior to founding Krevat Energy Innovations, I was director for PXiSE Energy Solutions, advocating for a high-speed advanced grid control technology. Previously, I was director of new ventures for Sempra Renewables, responsible for leading the development of distributed energy solutions including solar, bio-methane, electric vehicle charging, energy blockchain, and microgrids. I successfully closed investments in Sempra's first distributed energy resources play, an exciting distributed solar company, Sol Systems, and as the sole US founding member in the Energy Web Foundation.

I champion for sustainability on a national level, serving on the Board of Directors or as an active member of the GridWise Alliance since 2011, where I led the development

of the GridWise Alliance Grid Modernization Index ("GMI")[2]. The GMI has been used since 2013 to evaluate the status of electric grid modernization in the United States, to identify and promote best practices, and to provide insights to state policymakers, regulators, and other stakeholders regarding the progress of their grid modernization.

Before joining the Sempra Energy family of companies, I led several software development teams at Tandem Computers and was a partner at TransPac Software, a startup in Silicon Valley.

Q. HAVE YOU PREVIOUSLY TESTIFIED AS A WITNESS BEFORE THE PENNSYLVANIA PUBLIC UTILITY COMMISSION ("COMMISSION")?

A. No.

Q. HAVE YOU TESTIFIED AS A WITNESS BEFORE OTHER REGULATORY COMMISSIONS?

A. Yes. Before the California Public Utilities Commission ("CPUC"), I have testified as follows:

1. Docket Number: A.10-12-005 - SDG&E 2012 GRC Filing: SDG&E-10 Smart Grid Policy – Lee S. Krevat.

2. Docket Number: A.14-02-006 - SDG&E's Energy Storage Procurement Application: Prepared Direct Testimony of Lee S. Krevat – filed February 28, 2014.

3. Docket Number: A.14-04-014 - SDG&E's Electric Vehicle Grid Integration Pilot Program: Chapter 1 – Prepared Direct Testimony of Lee Krevat – filed April 11, 2014.

[2] https://www.gridwise.org/resource-downloads/GWA_13_GridModernizationIndex-1_July_13.pdf.

Q. HAVE YOU BEEN RETAINED BY PPL ELECTRIC TO TESTIFY ON BEHALF OF THE COMPANY IN SUPPORT OF THE ABOVE-CAPTIONED PETITION?

A. Yes.

Q. WOULD YOU PLEASE DESCRIBE THE SUBJECT MATTER OF YOUR TESTIMONY?

A. My testimony will address: (1) how utility monitoring and management of Distributed Energy Resources ("DER") can help encourage and facilitate renewable energy development and combat climate change; and (2) the opportune timing of PPL Electric's First DER Management Plan and its Second DER Management Plan, which will help (a) get ahead of the issues that DERs without utility monitoring and management can cause on the distribution system, such as those seen in other states, where DERs without utility monitoring and management have caused problems on the distribution system that can only be remedied through costly system upgrades, and (b) leverage the opportunities presented by monitored and managed DERs, thereby providing additional benefits to customer-generators and non-customer-generators alike.

Q. ARE YOU SPONSORING ANY EXHIBITS WITH YOUR TESTIMONY?

A. Yes, I am sponsoring the following exhibits:

- PPL Electric Exhibit LK-1 – A copy of my curriculum vitae.
- PPL Electric Exhibit LK-2 – Surface temperature against atmospheric CO2.
- PPL Electric Exhibit LK-3 – Billion-dollar disaster events over time.
- PPL Electric Exhibit LK-4 – Major sources of greenhouse emissions.

- PPL Electric Exhibit LK-5 – Emissions of selected energy supply technologies.
- PPL Electric Exhibit LK-6 – Residential vs. utility scale PV costs.
- PPL Electric Exhibit LK-7 – Distributed energy storage system market size.
- PPL Electric Exhibit LK-8 – Solar production over 365 days.
- PPL Electric Exhibit LK-9 – Solar hourly solar production over a year.
- PPL Electric Exhibit LK-10 – An hour of PV intermittency.
- PPL Electric Exhibit LK-11 – Four hours vs. ten minutes of PV intermittency

I. THE COMMISSION SHOULD APPROVE PPL ELECTRIC'S SECOND DER MANAGEMENT PLAN

A. PPL ELECTRIC'S SECOND DER MANAGEMENT PLAN WILL HELP FURTHER ENCOURAGE AND FACILITATE RENEWABLE ENERGY DEVELOPMENT AND COMBAT CLIMATE CHANGE

Q. WOULD YOU PLEASE DESCRIBE THE ROLE THAT RENEWABLE ENERGY DEVELOPMENT, PARTICULARLY DERS, CAN PLAY IN COMBATTING CLIMATE CHANGE?

A. From a scientific and data perspective, it is clear that climate change is caused by greenhouse gases ("GHGs"). (PPL Electric Exhibit LK-2.)[3] From an observational perspective, extreme weather events tied to the warming climate are also clear. (PPL Electric Exhibit LK-3.)[4] While the timing and impact of a changing climate is difficult to predict exactly, the world is already being impacted by a changing climate and the need to quickly reduce GHGs is evident.

[3] https://www.climate.gov/news-features/climate-qa/if-carbon-dioxide-hits-new-high-every-year-why-isn%E2%80%99t-every-year-hotter-last.

[4] https://www.forbes.com/sites/ianpalmer/2021/07/14/heat-waves-and-billion-dollar-extreme-weather-events--are-they-linked-to-greenhouse-gases-and-fossil-energies/?sh=1c1f3b68c1.

Given the difficulty the human race has with change and the politicizing of climate change, the most likely successes in GHG reduction will be the ones that impact people the least. For most people, the generation and science behind electric power is not well understood; if it can be generated with less carbon intensity, people will be impacted minimally. Also, electric power generation emits approximately 25% of total GHG and combined with the transportation sector, accounts for over 50%. (PPL Electric Exhibit LK-4.)[5] Given the imperative to reduce GHG, the carbon intensity of electric power generation and the availability of reasonably priced renewable energy make power production a low hanging fruit that also has the potential to make an impact in the transportation sector as the electric vehicle movement gains momentum.

While rooftop and utility solar photovoltaics ("PV") are not the least carbon intensive generation technologies – for example wind and nuclear can be less carbon intensive – they are significantly less carbon intensive than natural gas and coal (70+% reduction). (PPL Electric Exhibit LK-5.)[6] Furthermore, with regard to rooftop PV, utility PV, wind, nuclear, geothermal, biomethane, and other generation technologies, we do not know what technological breakthroughs may occur. For example, I am on the board of PI Energy, a start-up developing a low-cost, thin, and flexible solar energy technology manufactured in the US that could transform the solar market. It may or may not succeed. We need all arrows in the quiver and should reject the notion of one silver bullet.

There is a line of thinking that because the cost of utility PV is almost one third the cost of rooftop PV (PPL Electric Exhibit LK-6),[7] the utilities should focus only on cost and

[5] https://www.epa.gov/ghgemissions/sources-greenhouse-gas-emissions.
[6] https://www.ipcc.ch/site/assets/uploads/2018/02/ipcc_wg3_ar5_annex-iii.pdf.
[7] https://www.nrel.gov/solar/market-research-analysis/solar-installed-system-cost.html.

not support rooftop PV. I applaud PPL Electric for rejecting this argument. Rooftop solar provides numerous benefits beyond the kWh production. Rooftop solar can reduce peaks on transmission and distribution circuits, deferring capital investment. Over time, the peak will shift to evening hours since the sun will have set and rooftop solar will cease providing peak reduction benefit. However, customers are increasingly investing in solar and energy storage solutions. (PPL Electric Exhibit LK-7.)[8] This has the potential to significantly reduce the evening peak, further extending the benefits of solar.

Additional benefits of rooftop PV not directly tied to the cost of energy include local job growth, resiliency when combined with microgrid technology and storage, and inspiring a feeling of energy independence to those with a rooftop solar PV system; enabling customers to be prosumers (producers and consumers) of grid energy and nurturing their desire to mitigate climate change in other ways.

Q. DO YOU BELIEVE THAT ELECTRIC DISTRIBUTION COMPANIES ("EDCS"), SUCH AS PPL ELECTRIC, SHOULD HELP ENCOURAGE AND FACILITATE RENEWABLE ENERGY DEVELOPMENT?

A. Most EDCs benefit from being a monopoly, profit based on capital expenditures, and the reasonable opportunity to collect their operations and maintenance costs. In exchange, EDCs must provide safe, reliable, adequate, affordable, and reasonable service. While most other types of companies require more risk-taking to be profitable, they are not regulated to the same extent as utilities, do not have to serve all customers in a region, are free to pursue new markets and products with limited oversight, and as we have seen with

[8] https://www.precedenceresearch.com/distributed-energy-storage-system-market.

automobile companies' numerous recalls, for example, often risk making time-to-market, profit, and cost decisions at the expense of safety.

In addition, EDCs are in the best position to ensure those requirements are met. EDCs can evaluate safety across their system and propose technology to ensure the safety of the public and staff. EDCs also are in the best position to evaluate the least expensive options for balancing the benefits to all customers – those able to take advantage of solar and those that cannot – and the best position to monitor the distribution system to ensure safety, reliability, resilience, adequate resources, and optimization for all customers.

Q. IN YOUR VIEW, HAS THE COMPANY'S FIRST DER MANAGEMENT PLAN HELPED ENCOURAGE AND FACILITATE RENEWABLE ENERGY DEVELOPMENT AND COMBAT CLIMATE CHANGE?

A. Absolutely. With their First DER Management Plan, they are encouraging rooftop PV and that is encouragement for combating climate change. Rooftop solar is significantly less carbon intensive than natural gas and coal (see PPL Electric Exhibit LK-5) and enables customers to be prosumers of energy, inspiring a feeling of energy independence and likely to motivate them to take additional actions to help mitigate climate change.

PPL Electric's First DER Management Plan has done more than encourage DER development, it has coupled encouragement with efficiency, increasing DER potential by leveraging existing technology and building synergistic new solutions resulting in a smarter system instead of a more expensive, capital-intensive one. By deferring capital investments, generating and non-generating customers will see lower bill increases. By avoiding DER blamed bill increases, financial-driven pushbacks against solar are kept at bay.

These deferred capital improvement projects would take time to complete and also generate carbon emissions. And while customers wait for these projects to complete, they are not helping the planet by generating renewable energy. In addition, by deferring capital projects, customers wanting to invest in solar are able to act on that decision as soon as they are ready. Large financial decisions take a lot of research and time; if customers are forced to wait until a capital project is completed, it may discourage them from investing in solar. PPL Electric's First DER Management Plan ensures the grid is ready when customers are.

PPL Electric also encourages customers to invest in solar by eliminating the cost associated with wiring and upgrading their electric panels, reducing the cost and payback timeframe for customers of investing in solar.

The First DER Management Plan delivered all PPL Electric customers both emissions and cost savings. For example, in 2023, over 13,000 voltage violations that could have resulted in truck rolls[9] were avoided, saving over $7 million dollars and significantly reducing carbon emissions. These emissions would reduce some of the environmental benefits of solar and would have been a side-effect of unmonitored and unmanaged DERs.

[9] PPL Electric Utilities Corporation 2024 DER Management Report to the Pennsylvania Public Utility Commission, *Table 93 Total Cost to Respond to Voltage Violations that Were Avoided per Year*.

Q. HOW WILL THE COMPANY'S SECOND DER MANAGEMENT PLAN FURTHER HELP ENCOURAGE AND FACILITATE RENEWABLE ENERGY DEVELOPMENT AND COMBAT CLIMATE CHANGE?

A. Most importantly, the Second DER Management Plan makes the plan permanent. Tremendous benefits have been achieved for all customers through the First DER Management Plan and those benefits will continue to grow as more customers install DERs. While customers with DERs benefit the most, all customers benefit from less emissions and costs from truck rolls and deferred infrastructure construction, improved voltage and frequency power quality, and lower rates than they would otherwise be due to deferred capital upgrades. Future DER customers benefit by the system being able to support more DERs in a timely manner and lower installation costs – specifically, not needing to pay for an electric panel upgrade. And as previously discussed, more solar helps to combat climate change (see PPL Electric Exhibits LK-2, LK-4, and LK-5.)

And almost as important, in the Second DER Management Plan, the 3,000 DER system cap per year is removed. In 2023, the cap was exceeded in September, and in 2024, the Company projects that the cap will be exceeded in September. If the cap is not removed soon, more than half the DERs each year and soon after that, throughout the system, will not be monitored or manageable. The success of the Second DER Management Plan will be diminished; customers will have higher bills due to investment in capital projects that will be necessary to mitigate DER issues and suffer increased emissions and costs due to truck rolls responding to power quality issues. Installation cost for DER customers will increase because customers will need to wait for capital projects to complete before moving

forward with solar investments, and some may not be able to proceed due to system limitations because of a lack of system visibility and hosting capacity.

Lastly, the Second DER Management Plan introduces the capability to manage real power output. Grid planners must plan for the worst case. Regarding solar, many EDCs plan the system to be able to handle all the solar systems on a feeder at nameplate capacity and capital investments to improve the system are made accordingly. PPL Electric already leverages the technologies deployed as part of the First DER Management Plan to use actual generation data in planning. This has enabled an additional 29 MW of rooftop solar distribution grid availability as of March 21, 2024.[10] This number will continue to grow with active DER Management. In addition, PPL Electric's Second DER Management Plan would increase the potential MW even more significantly by managing real power output, enabling more people to invest in solar. When solar generation output is measured over the course of a year, there is only a small percentage of time solar systems are at maximum production (see PPL Electric Exhibits LK-8[11] and LK-9[12]). There are specific conditions that necessitate optimal output: an optimal operating temperature, strong solar irradiance, a lack of PV panel degradation, free of dirt and debris, number of hours of daylight, cloud cover, and other factors. With the agreement of a subset of incentivized solar customers, PPL Electric will be able to lower real power output for those few hours each year when the capacity of the feeder will not allow for concurrent maximum solar output matched against load. By reducing customers' upfront interconnection costs in exchange for the

[10] Ibid.

[11] http://www.curtronics.com/Solar/graphs/DailyProduction365Value.html.

[12] https://www.researchgate.net/figure/The-hourly-based-solar-irradiance-obtained-from-the-daily-solar-irradiance-dataset-8760_fig2_377702638.

ability to curtail a few hours each year, PPL Electric is further encouraging new solar installations. Even with curtailment, the overall amount of solar energy is increased because additional MWs of DERs can reliably connect to the system with confidence, reliability can be maintained, and capital investment by PPL Electric can be avoided. Since the increased DERs will be generating all but a small percentage of the time each year, climate change will be further mitigated the great majority of the time.

B. PPL ELECTRIC'S FIRST DER MANAGEMENT PLAN AND ITS SECOND DER MANAGEMENT PLAN ARE WELL-TIMED TO ADDRESS THE CHALLENGES AND OPPORTUNITIES PRESENTED BY DERS

Q. IN THE FIRST DER MANAGEMENT PLAN PROCEEDING AT DOCKET NO. P-2019-3010128, OTHER PARTIES QUESTIONED THE TIMING OF THE COMPANY'S FIRST DER MANAGEMENT PLAN AND ALLEGED THAT IT WAS PREMATURE. DO YOU AGREE WITH THAT POSITION?

A. No. Fifteen years ago, as Founder and Director of SDG&E's Smart Grid Team, I presented data to the leadership of SDG&E with forecasts for growth of solar PV. Some listened, but others did not believe the growth curve could be so steep. In addition, I presented data showing an example of the impact solar was already having on the system (see PPL Electric Exhibits LK-10[13] and LK-11[14]). Fortunately, SDG&E leadership understood the data and approved the development of a plan. Ultimately, the increase in solar in San Diego was greater than any of the projections forecasted.

[13] https://www.greentechmedia.com/articles/read/the-nuclear-failure-in-california-could-be-a-big-test-for-solar.

[14] https://www.electronicdesign.com/technologies/power/power-supply/power-electronics-systems/article/21196254/solar-power-impacts-power-electronics-in-the-smart-grid.

The data in PPL Electric's service territory demonstrates that the Company was prophetic in moving forward when it did. First, it takes longer to get proactive programs off the ground. Second, the increase in solar deployment in PPL Electric's service territory has been significant. Third, PPL Electric was able to increase the MW installed on feeders without increasing system cost. Lastly, PPL Electric achieved material cost and emissions savings for solar and non-solar customers. As I was quoted in the article "Solar Power Impacts Power Electronics in The Smart Grid," by John McDonald[15] over 10 years ago, which speaks to this specific issue as well as climate change, "The problem of the future is a problem of the present. There's an urgency around finding a solution."

Q. IS THE COMPANY'S SECOND DER MANAGEMENT PLAN WELL-TIMED TO ADDRESS THE CHALLENGES AND OPPORTUNITIES PRESENTED BY DERS ON ITS DISTRIBUTION SYSTEM?

A. Yes. Well, perhaps a little late. The current program is capped at 3,000 DER installations. In 2023, the cap was surpassed in September. In 2024, the Company projects that it will hit the cap in September. Thousands of DERs are currently not being monitored and managed. The program is already seeing benefits to customers with and without solar, lowering capital costs due to less investment in system upgrades, providing higher power quality, enabling cleaner generation, avoiding emissions, and providing the community the opportunity to invest in more DERs.

For comparison, SDG&E has approximately the same number of customers as PPL Electric but has about four times the number of DERs installed per month. They have been

[15] Ibid.

investing heavily in Smart Grid/Grid Modernization since 2010. In SDG&E's 2022-2024 General Rate Case, SDG&E proposed an average of $140 million dollars per year as part of their Grid Modernization Plan.[16] San Diego is PPL Electric's post card from 10-15 years in the future. One in every six households has solar.[17] While the entire $140 million is not all specifically for DER integration, most of the projects explain DER Integration and System Reliability as drivers.

SDG&E's Reliability and Operational Safety and Smart Grid Operation projects, at an average cost of over $3 million per year, provide a foundation for implementation of broader DER management capabilities, provide expanded visibility to DERs and advanced outage and reliability analytics, and provide an accurate baseline for planning and operating with DERs in the distribution system, refine advanced applications such as Volt/Var Optimization.[18]

The SDG&E Substation SCADA Expansion project's benefits, at an average cost of almost $2 million per year, include improved visibility as a telemetry point that can identify potential grid issues such as load imbalance, power factor, load factor, overloads, or voltage issues as well as enabling more DER integration through improved visibility and control of the distribution system.[19]

The SCADA (line) capacitor project, at a cost of almost a million dollars a year, is safety and reliability driven, but it is also expected to provide ancillary benefits to DER integration. SDG&E has been working on deploying and expanding substation power

[16] https://www.sdge.com/sites/default/files/regulatory/SDGE-12R%20Revised%20Direct%20Testimony%20-%20Elec%20Dist_OM-12-R_1431_1432.pdf, pages 91-140.
[17] Ibid.
[18] Ibid.
[19] Ibid.

quality ("PQ") monitoring systems and field PQ monitoring to improve the visibility of the control system, and bring valuable asset health data to engineers, eliminating the need to perform site visits to download such information. With additional visibility provided by the power quality meters, SDG&E has increased situational awareness on the distribution system, which allows SDG&E to better analyze system events on circuits in a high DER future. It is $2.3 million dollars per year.[20]

SDG&E-Owned Energy Storage Systems proposes to spend an average of $15 million dollars per year on additional circuits that have an abundance of DER penetration, driven by reliability and direct benefits to DER integration. The Distributed Energy Resource Management System ("DERMS") project, at $3 million dollars per year, is primarily driven by DER integration, having a critical role in SDG&E's ability to integrate DER while continuing to operate the system in a safe and reliable way.[21]

The Demand Response Management System ("DRMS") replacement system, with a proposed cost of over $9 million dollars over a two-year period, is designed to be able to grow and expand, allowing SDG&E to have the capacity to manage and signal smart devices. The new platform will also allow the SDG&E's DR team to provide a better customer experience as many more customer purchased smart devices and equipment will be integrated into DR. The DRMS project is primarily driven by DER integration.[22]

Meanwhile, PPL Electric's innovative First DER Management Plan has already made a significant impact including mitigating voltage violations resulting in approximately $13.7 million dollars of operational savings, which would have both

[20] Ibid.
[21] Ibid.
[22] Ibid.

impacted customer bills and increased emissions and costs from the over 23,000 truck rolls and over $1.6 million dollars of capital upgrade deferrals which not only keep electric bills reasonable, but also enable timely installation of DERs. These benefits would have been higher if the program was started sooner and the limit of 3,000 DERs was removed. The sooner the program can operate without a cap, the more customer benefits, DERs, and emissions avoidance can be achieved.

Q. DOES THIS CONCLUDE YOUR DIRECT TESTIMONY AT THIS TIME?

A. Yes, although I reserve the right to supplement my direct testimony.

PPL Electric Exhibit LK-1

Lee S. Krevat

Camas, WA 98607
619-987-1220
Lee@KrevatEnergyInnovations.com | linkedin.com/in/Krevat

Board of Directors | **Climate Change Mitigation** | **Advisory Board Member**

Accomplished and self-driven business professional with proven leadership in board membership, utility strategy, grid modernization, distributed energy resources, microgrids, renewable energy, leader mentorship, transportation electrification evangelizing, technology R&D, program management and implementation, software start-ups, architecture and design, organizational development and change management, and process improvement. Areas of expertise:

- Board Membership
- Business Development
- Microgrid Design
- Incubator Mentor
- Climate Champions Podcast
- Management Consulting
- Strategic Planning
- Grid Modernization
- Renewable Energy
- Keynotes, Panelist, Moderator
- Electric Vehicle Grid Integration
- Technology Startups

Experience

Krevat Energy Innovations LLC, Camas, WA **2018 - Present**
CEO
Advises clean technology start-ups, utilities, regulators, legislatures, and environmentally focused companies and communities to help bring climate technology solutions successfully to market by strategizing, advocating, and connecting stakeholders. Produces and hosts the Climate Champions podcast with over 150 episodes to date. Board member, advisory board member or advisor to over a dozen organizations.

Sempra Energy, San Diego, CA **1998 - 2018**
Director, PXiSE Energy Solutions, LLC, 2017 - 2018
Developed partnerships, venture capital opportunities, and microgrid clean energy projects to grow PXiSE into a self-sustaining entity. PXiSE DERMS Advanced Control Technology provides management and sub-second control for grid-connected microgrids, island microgrids, renewable energy farms, and high percentage renewable segments of the grid.

- Strategized PXiSE value statement, evangelized across the stakeholder community, and connected PXiSE with dozens of opportunities leading to the successful implementation of PXiSE's first 100% renewable, multi-inverter, blinkless microgrid, first utility segment project, first DERMS project, and first network of renewable microgrids project.

Director, New Ventures, Sempra Renewables, 2015 - 2017
Directed the company into new business areas. Focused on Distributed Energy Resources: solar, energy storage, load optimization, microgrids, and fuel cells.

- Developed strategic plan, educated leadership team, and acquired minority investment in Sol Systems, LLC., a distributed solar company based in Washington, DC.
- Directed and led the investment in the Energy Web Foundation's energy blockchain project, with Sempra a founding utility member on the advisory board.

Director, Non-Traditional Growth and Technology Services, 2014 - 2015
Monetized untapped internal and external opportunities for San Diego Gas & Electric. Identified opportunities in the energy sector by leveraging San Diego Gas & Electric's (SDG&E) reputation as a thought leader and innovator.

- Negotiated creative agreements that resulted in benefits to SDG&E customers, shareholders and our partners. Portfolio of potential opportunities included over thirty opportunities, including: Microgrid Controller, Substation Analytics, Quantum Cryptography, Grid Integrated Electric Vehicle Charging, and Centralized Rating Engine.

Director, Smart Grid and Clean Transportation, 2009 - 2014
After founding the Smart Grid Team, led enterprise-wide smart grid and clean transportation strategy, policy and project alignment. For all three years the honor was awarded (2009 - 2011), SDG&E was ranked "the most intelligent utility in the United States" by Intelligent Utility Magazine. Was personally ranked in numerous top energy industry "Mover and Shaker" lists by Intelligent Utility Magazine, GreenTech Media, and Fierce Energy.

Specific projects, of over fifty being implemented, within the SDG&E Smart Grid Ten Year Deployment Plan include:

- Smart Meter
- Substation Condition-based Maintenance
- Microgrid/Microgrid Controller
- Community Energy Storage
- Smart Transformer
- Advanced Distribution Management System
- Vehicle Grid Integrated Charging System
- Distributed Energy Resource Management

Keynote speaker, panel moderator, panelist and speaker at dozens of conferences and other events including:

- gridCONNEXT
- International Energy Conference (Beijing)
- California Public Utility Commission (CPUC)
- California Energy Commission (CEC)
- DistribuTECH International
- GridEdge Summit

Director, Program Delivery Team, 2007 - 2009
Managed Information Technology (IT) strategy, planning, and implementation efforts for transformational programs.

- Smart Grid/Smart Meter Advanced Metering Infrastructure (AMI) ($500M+)
- Operational Excellence (OpEx) 20/20 program ($500M+)

Director, Business Partnership and Strategic Planning, 2004 - 2007
Directed and led alignment between utility functions and IT ensuring optimized business performance. Partnered across the utilities to develop a common vision for Utility of the Future, including Smart Grid, Advanced Meter, and OpEx 20/20.

Director, Infrastructure Engineering and Operations, 2001 - 2003
Executed cybersecurity, data center infrastructure, middleware, desktop applications, and business resumption operations, engineering and projects. Led major infrastructure improvement initiative, i2, totaling over $20M per year.

Director, Process and Quality Improvement and Project Office, 1998 - 2000
Led the maturation of the IT organization. Leveraged Software Engineering Institute's Capability Maturity Model (SEI CMM), led major IT projects, and provided in-house project management consulting and mentoring for major initiatives.

Additional Relevant Experience

Head of Software Engineering Department, Tandem Computers / Compaq Computer Corporation, Cupertino, CA

Principal, Transpac Software, Inc., Palo Alto, CA

Education

Bachelor of Science (B.S.) Applied Math/Computer Science, with university honors
Carnegie Mellon University, Pittsburgh, PA

Additional Leadership Positions

Board of Directors, Operations Chair, The GridWise Alliance, 2011 – 2014, 2018 - 2022
Board of Directors (previously Advisory Board) PI Energy, 2014 – Present
Chief Strategy & Sustainability Officer, RestorVault, 2018 - Present
Advisory Board, Technical Advisory Committee, MOEV, 2019 – Present
Technical Advisory Committee, SCEIN, 2019 – Present
Mentor, Plug and Play Technology Center, 2019 – Present
Chief Strategy & Sustainability Officer, Connect California, 2020 – Present
Co-founder, Trianon Renewable Grid Stability, 2020 – Present
Advisory Board Member, UCAP Power, 2020 – Present
Advisory Board Member, SineWatts, 2021 - Present
Advisor, Sea Dragons/mPower, 2022 – Present
Advisory Committee, DERConnect, 2022 – Present
Advisor, Universal Devices, 2023 – Present
Advisor, GridWrap, 2023 – Present
Advisory Board, Innovation Force, 2024 – Present
Advisor, Plentiful.ai, 2024 – Present
Advisory Board, Sol Systems, 2018 – 2021
Board of Directors, GridX, 2011 – 2020

PPL Electric Exhibit LK-2

PPL Electric Exhibit LK-2

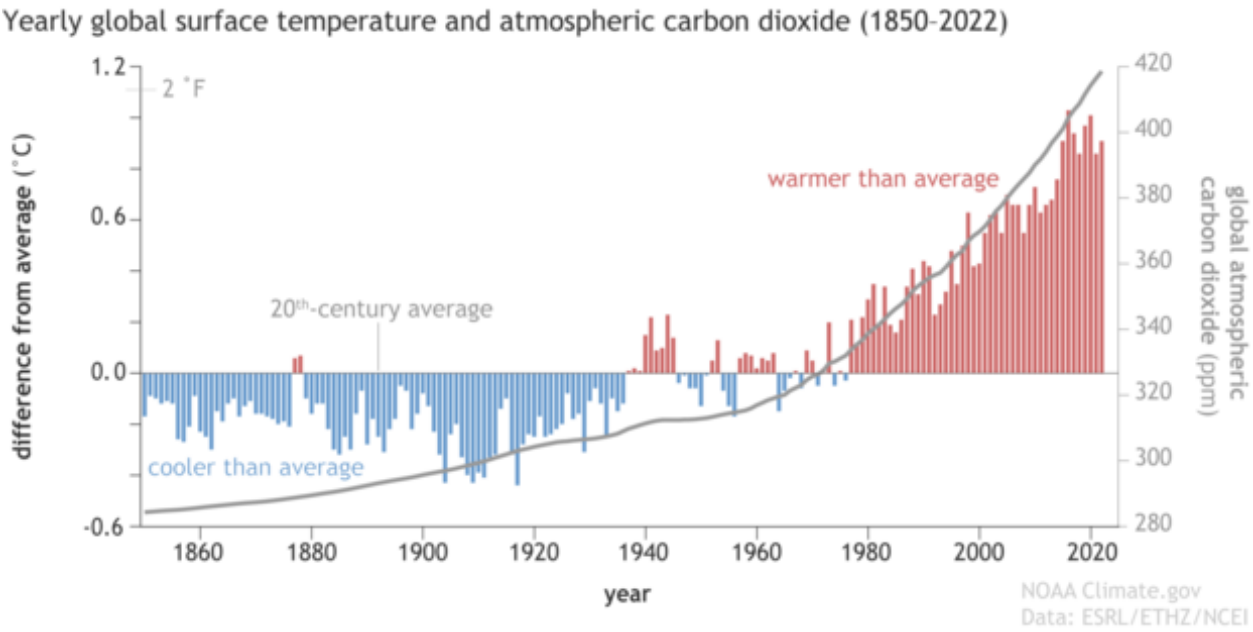

PPL Electric Exhibit LK-3

PPL Electric Exhibit LK-3

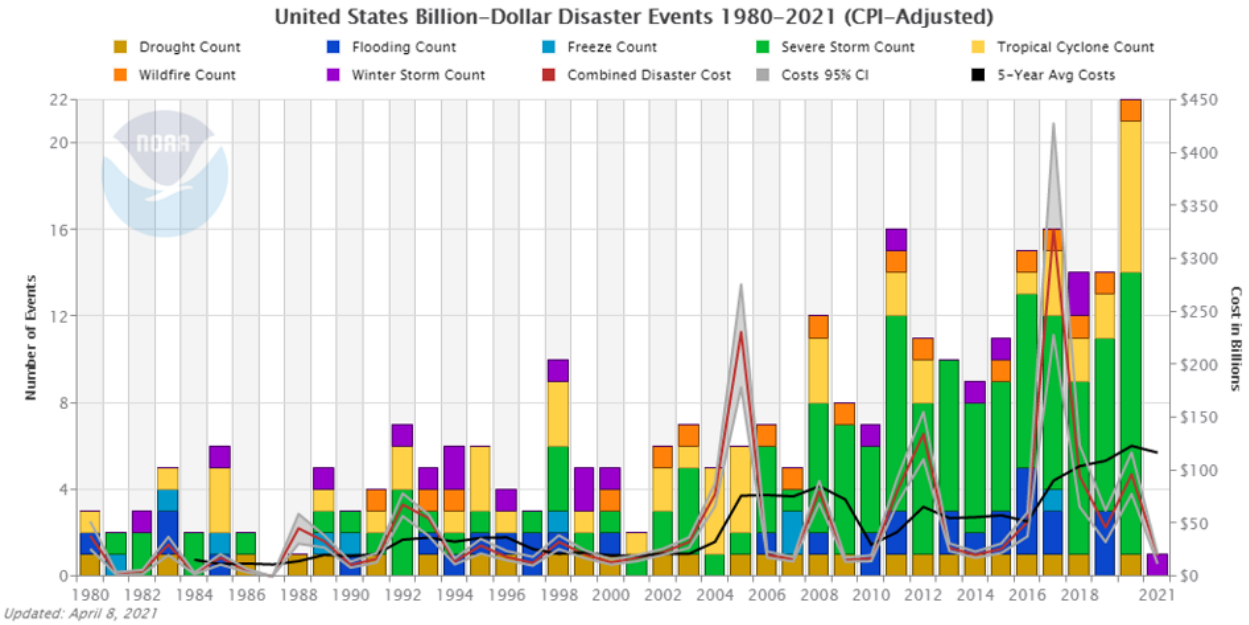

PPL Electric Exhibit LK-4

PPL Electric Exhibit LK-4

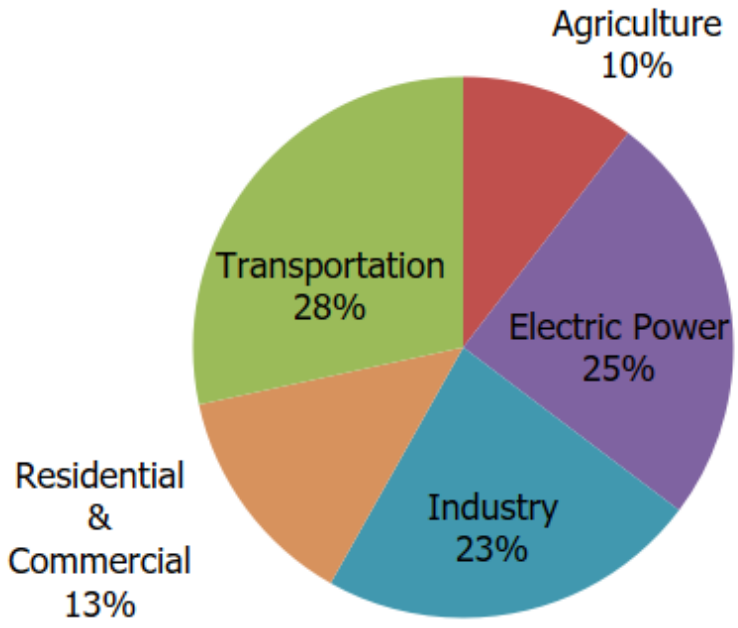

PPL Electric Exhibit LK-5

PPL Electric Exhibit LK-5

Table A.III.2 | Emissions of selected electricity supply technologies (gCO_2eq/kWh)[i]

Options	Direct emissions	Infrastructure & supply chain emissions	Biogenic CO_2 emissions and albedo effect	Methane emissions	Lifecycle emissions (incl. albedo effect)
	Min/Median/Max	Typical values			Min/Median/Max
Currently Commercially Available Technologies					
Coal—PC	670/760/870	*9.6*	*0*	*47*	**740/820/910**
Gas—Combined Cycle	350/370/490	*1.6*	*0*	*91*	**410/490/650**
Biomass—cofiring	n.a.[k]	–	–	–	**620/740/890**[ll]
Biomass—dedicated	n.a.[k]	*210*	*27*	*0*	**130/230/420**[m]
Geothermal	0	*45*	*0*	*0*	**6.0/38/79**
Hydropower	0	*19*	*0*	*88*	**1.0/24/2200**
Nuclear	0	*18*	*0*	*0*	**3.7/12/110**
Concentrated Solar Power	0	*29*	*0*	*0*	**8.8/27/63**
Solar PV—rooftop	0	*42*	*0*	*0*	**26/41/60**
Solar PV—utility	0	*66*	*0*	*0*	**18/48/180**
Wind onshore	0	*15*	*0*	*0*	**7.0/11/56**
Wind offshore	0	*17*	*0*	*0*	**8.0/12/35**
Pre-commercial Technologies					
CCS—Coal—Oxyfuel	14/76/110	*17*	*0*	*67*	**100/160/200**
CCS—Coal—PC	95/120/140	*28*	*0*	*68*	**190/220/250**
CCS—Coal—IGCC	100/120/150	*9.9*	*0*	*62*	**170/200/230**
CCS—Gas—Combined Cycle	30/57/98	*8.9*	*0*	*110*	**94/170/340**
Ocean	0	*17*	*0*	*0*	**5.6/17/28**

PPL Electric Exhibit LK-6

PPL Electric Exhibit LK-6

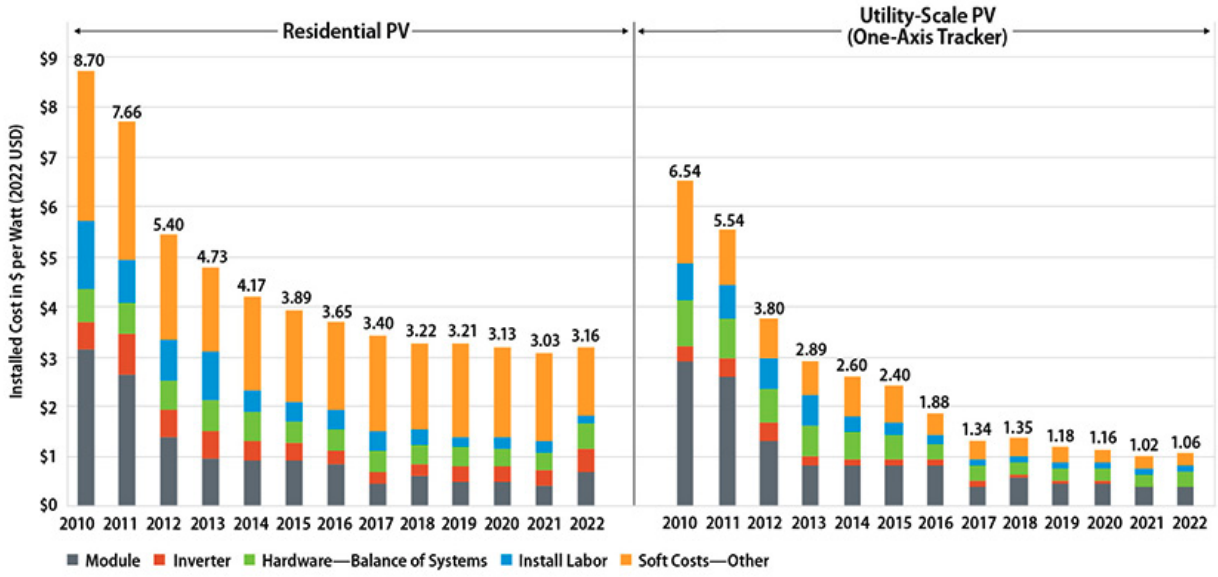

Since 2010, NREL has benchmarked the full cost of PV systems—including installation—for residential and utility projects. The results track the ongoing reduction of these costs over time

PPL Electric Exhibit LK-7

PPL Electric Exhibit LK-7

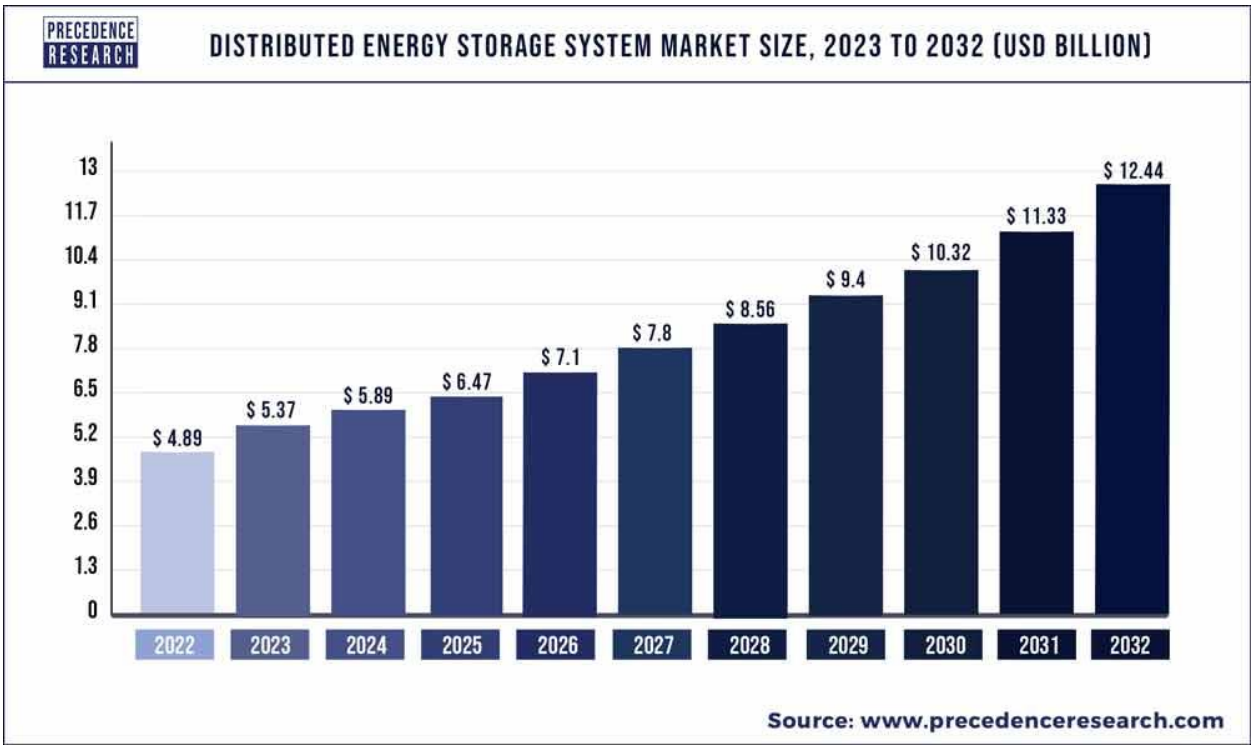

PPL Electric Exhibit LK-8

PPL Electric Exhibit LK-8

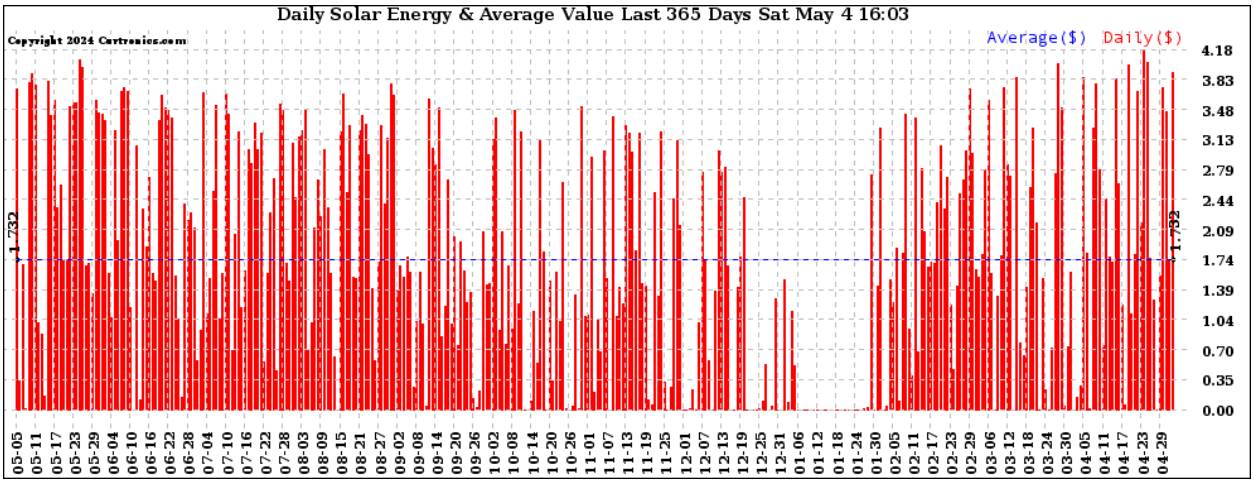

PPL Electric Exhibit LK-9

PPL Electric Exhibit LK-9

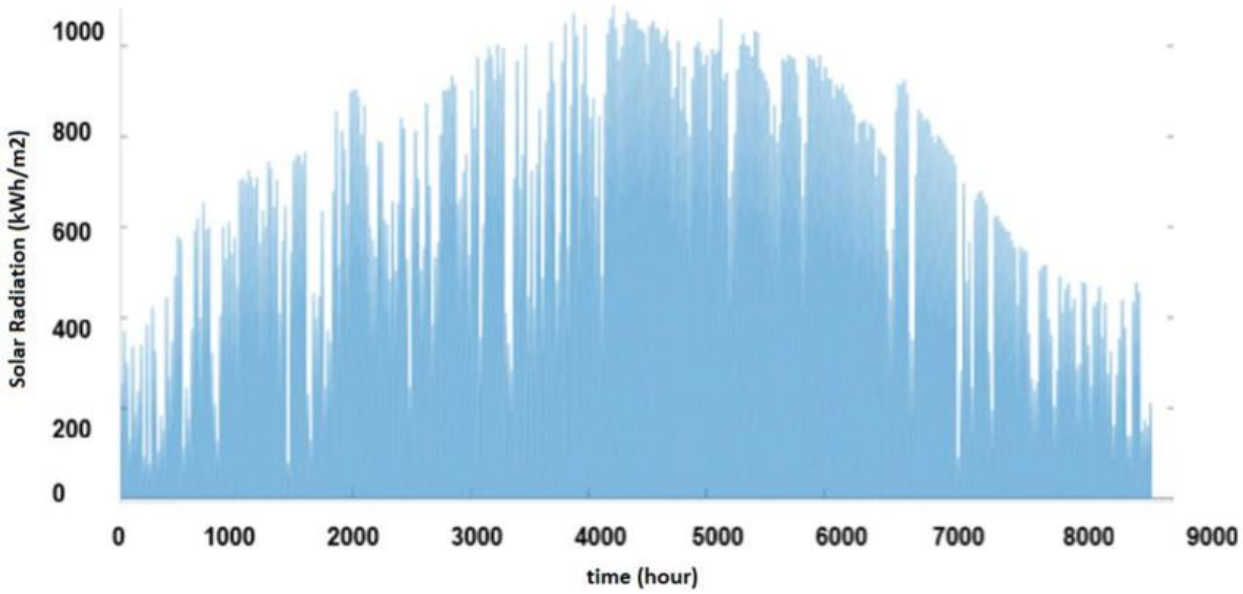

PPL Electric Exhibit LK-10

PPL Electric Exhibit LK-10

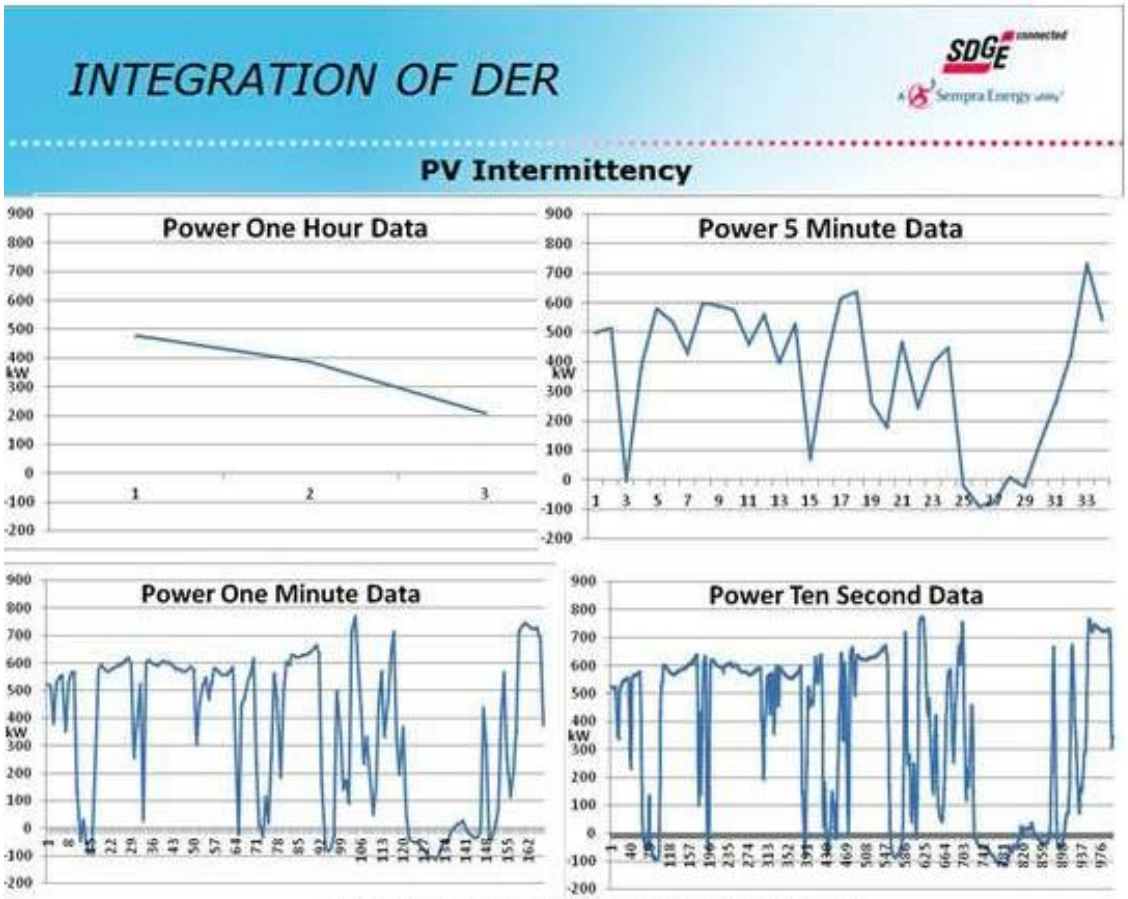

(from Krevat, San Diego Gas & Electric)

PPL Electric Exhibit LK-11

PPL Electric Exhibit LK-11

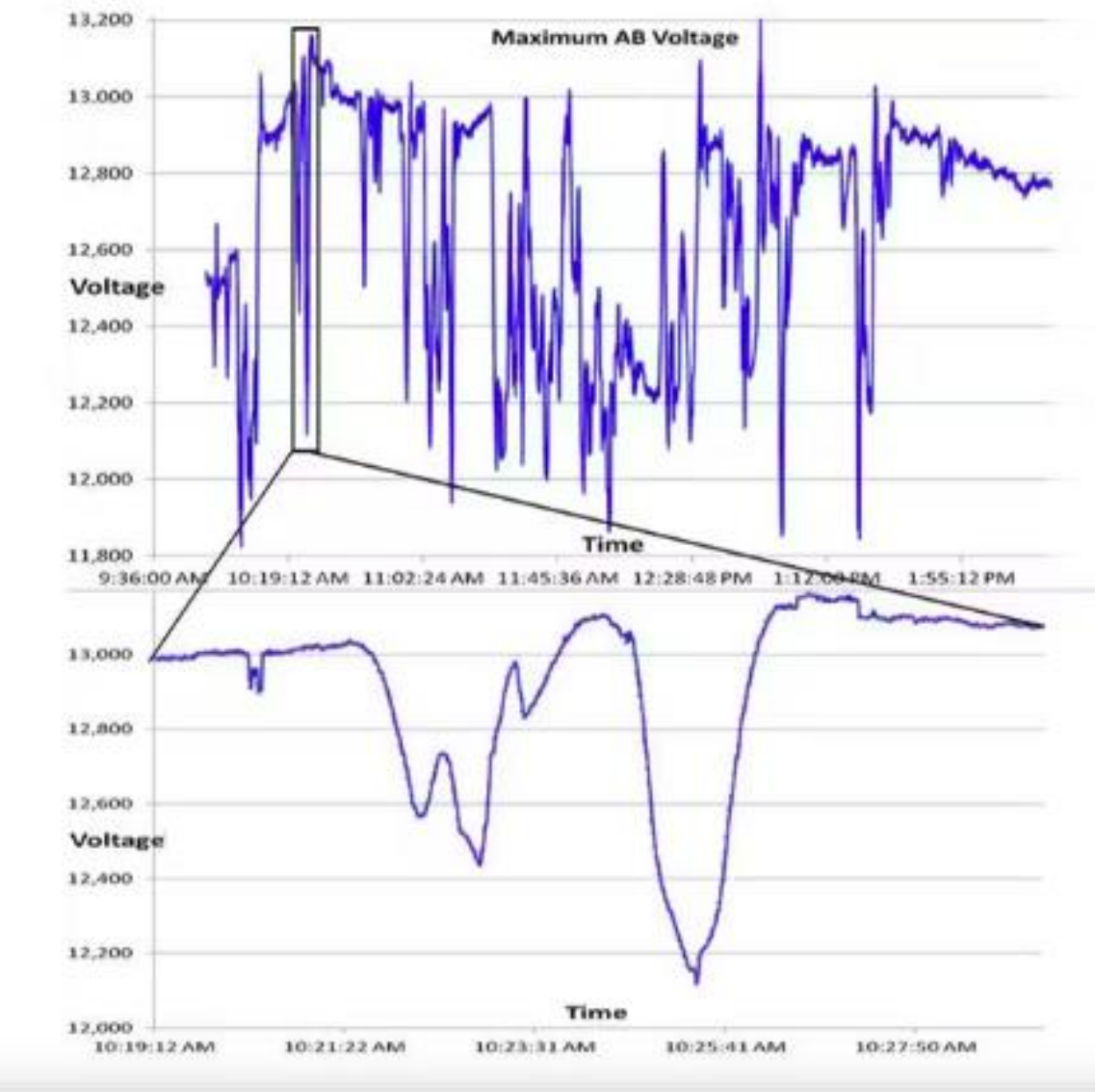

BEFORE THE
PENNSYLVANIA PUBLIC UTILITY COMMISSION

Petition of PPL Electric Utilities Corporation	:	
for Approval of its Second Distributed Energy	:	Docket No. P-2024-_____
Resources Management Plan	:	

DIRECT TESTIMONY OF KAREN MIU, Ph.D.

PPL Electric Statement No. 8

May 20, 2024

Q. PLEASE STATE YOUR NAME AND BUSINESS ADDRESS.

A. My name is Dr. Karen Miu, and my business address is Drexel University, 3141 Chestnut Street, Philadelphia, Pennsylvania 19104.[1]

Q. BY WHOM ARE YOU EMPLOYED AND IN WHAT CAPACITY?

A. I am a Professor of Electrical and Computer Engineering at Drexel University. In my position, I conduct extensive research in the areas on the planning and operation of electric distribution systems, including the impact of distributed energy resources ("DERs") on those distribution systems.

Q. WHAT IS YOUR EDUCATIONAL BACKGROUND?

A. My educational background is in the field of electrical engineering. My MS thesis and Ph.D. dissertation focused on electric power distribution systems. Degrees received include: B.S. in Electrical Engineering from Cornell University, Ithaca NY, 1992; M.S. in Electrical Engineering from Cornell University, Ithaca NY, 1995; and Ph.D. in Electrical Engineering from Cornell University, Ithaca NY, 1998.

Q. PLEASE DESCRIBE YOUR PROFESSIONAL EXPERIENCE.

A. Since 1998, my professional experience has primarily been at Drexel University. I have also been a visiting professor at Northeastern University and the University of Hong Kong.

[1] I am testifying in my personal capacity, not in my capacity as a Professor of Drexel University. My views and opinions set forth in this testimony are my own and should not be taken as reflecting the position of Drexel University.

Q. HAVE YOU PREVIOUSLY TESTIFIED AS A WITNESS BEFORE THE PENNSYLVANIA PUBLIC UTILITY COMMISSION ("COMMISSION")?

A. Yes, I provided direct testimony in support of PPL Electric Utilities Corporation's ("PPL Electric" or the "Company") DER Management Plan at Docket No. P-2019-3010128.

Q. HAVE YOU BEEN RETAINED BY PPL ELECTRIC TO TESTIFY ON BEHALF OF THE COMPANY IN SUPPORT OF THE ABOVE-CAPTIONED PETITION?

A. Yes.

Q. WOULD YOU PLEASE DESCRIBE THE SUBJECT MATTER OF YOUR TESTIMONY?

A. My testimony will address the need for the Company to continue monitoring and managing DERs under its Second DER Management Plan, including: (1) the issues PPL Electric previously experienced on its distribution system from the deployment of DERs due to the Company's inability to monitor and manage those systems; and (2) the distribution system's more recent performance now that the Company does monitor and manage DERs on its system.

Q. ARE YOU SPONSORING ANY EXHIBITS WITH YOUR TESTIMONY?

A. Yes, I am sponsoring the following exhibits:

- PPL Electric Exhibit KM-1 – a copy of my curriculum vitae.
- PPL Electric Exhibit KM-2 (HIGHLY CONFIDENTIAL) – a copy of a PowerPoint presentation prepared by Drexel University for PPL Electric, which summarizes

research performed on the impacts of DERs on certain PPL Electric distribution circuits."[2]

- PPL Electric Exhibit KM-3 (HIGHLY CONFIDENTIAL) – a written report on the results presented in PPL Electric Exhibit KM-2 (HIGHLY CONFIDENTIAL).
- PPL Electric Exhibit KM-4 (HIGHLY CONFIDENTIAL) – a copy of a PowerPoint presentation and corresponding report, which summarizes analyses performed on the impacts of DERs on certain PPL Electric distribution circuits.
- PPL Electric Exhibit KM-5 (HIGHLY CONFIDENTIAL) – a written report on the results presented in PPL Electric Exhibit KM-4 (HIGHLY CONFIDENTIAL).

I. PPL ELECTRIC MUST CONTINUE TO MONITOR AND MANAGE DERS TO ADDRESS THE IMPACT OF DERS ON ITS DISTRIBUTION SYSTEM

Q. WOULD YOU PLEASE DESCRIBE THE RESEARCH YOU HAVE PERFORMED CONCERNING THE IMPACT OF DERS ON DISTRIBUTION SYSTEMS?

A. My research related to DER impacts on distribution systems has addressed aspects of the modeling, analysis, planning and control of the impacted distribution system. Please see my curriculum vitae attached as PPL Electric Exhibit KM-1. My approach is based on fundamental electric circuit theory[3] and subsequent power system foundations.[4] Research studies were conducted using advanced mathematics and engineering principles to create

[2] PPL Electric Exhibit KM-2 (HIGHLY CONFIDENTIAL) is a PowerPoint presentation prepared by Drexel University for PPL Electric. This Presentation was not prepared by me in my personal capacity or in my capacity as an expert witness testifying on behalf of PPL Electric.

[3] *See* J. D. Irwin, "Basic Engineering Circuit Analysis," 7th edition, John Wiley & Sons, NY, NY, USA, 2002.

[4] *See* A. Bergen, V. Vittal, "Power System Analysis," 2nd edition, Prentice Hall, Upper Saddle River, NJ, USA, 2000.

new, multi-phase models for capturing distributed energy generation flows and to integrate and implement them into large-scale distribution system models.[5] With multi-phase modeling, optimal planning and control problems were mathematically formulated for various problems with different types of DERs; these range from looking at snapshots in time to online problems which account for variations in the system.[6] Subsequently, corresponding computational solution algorithms were devised and implemented in software and tested on various, large-scale, utility distribution systems and data. Typically, the research studies then applied and tested the models, algorithms and software implementations onto real, electric distribution utility data; specifically, multi-phase, unbalanced electric power systems. Integrated hardware/software systems have also been developed to elucidate distribution system impacts.[7]

[5] *See* S. Tong and K. N. Miu, "A Network-Based Distributed Slack Bus Model for DGs in Unbalanced Power Flow Studies," *IEEE Transactions on Power Systems*, Vol. 20, No. 2, May 2005, pp. 835-842; S. Tong; K. Miu, "Participation Factor Studies for Distributed Slack Bus Models in Three-Phase Distribution Power Flow Analysis," *Proceedings of the 2005/2006 IEEE Power Engineering Society Transmission & Distribution Conference*, May 21-24, 2006 Page(s):92 – 96; S. Tong and K. Miu, "A Participation Factor Model for Slack Buses in Distribution Systems with DGs," *Proc. of the 2003 IEEE Power Engineering Society Transmission & Distribution Conference*, Dallas, TX, Sept. 7-10, 2003.

[6] *See* S. Tong, M. Kleinberg and K. Miu, "Distributed Slack Bus Model and Its Impacts on Distribution System Applications" *Proc. of the International Symposium on Circuits and Systems*, Kobe, Japan, May 23-26, 2005; M. Kleinberg, K. Miu, N. Segal, H. Lehmann, T. Figura, "A partitioning method for distributed capacitor control of electric power distribution systems," *IEEE Trans. on Power Systems*, Vol. 29, Iss. 2, March 2014, pp. 637-644; Y. Mao and K. N. Miu, "Switch Placement to Improve System Reliability for Radial Distribution Systems with Distributed Generation", *IEEE Trans. on Power Systems*, Vol. 18, No. 4 Nov. 2003, pp. 1346 – 1352; N. S. Coleman and K. N. Miu, "Distribution Load Capability with Nodal Power Factor Constraints," *IEEE Trans. on Power Systems*, vol. 32, no. 4, pp. 3120- 3126, July 2017; N. S. Coleman and K. N. Miu, "Identification of Critical Times for Distribution System Time Series Analysis," *IEEE Transactions on Power Systems*, vol. 33, no. 2, pp. 1746-1754, Mar. 2018; N. S. Coleman, T. J. Halpin, and K. N. Miu, "Online Determination of Time Intervals for Statically Secure Distribution System Control," *Proc. 2018 International Symposium on Circuits and Systems* (ISCAS), Florence, Italy, 27-30 May 2018; Z. Minter, J. Hill, J. de Oliveira, S. Hughes, K. Miu, "A Study of Imbalance Levels Attributed to Photovoltaic Penetration in Distribution Systems," *Proc. Of 2020 IEEE T&D Conference*, Chicago, IL, Oct. 12-15, 2020; K. Miu Miller, N. Segal, "Electric Power Distribution Systems: Time-Window Selection and Feasible Control Sequence Methods for Advanced Distribution Automation," book chapter ,"*Women in Power" in the Women in Engineering and Sciences Series*, Springer Nature Switzerland AG. July 2023.

[7] *See* N. S. Coleman, J. Hill, J. Berardino, K. L. Ogawa, R. Mallgrave, et. al., Hardware Setup of a Solar Microgrid

In particular, the net power flows and power loss within a power system changes with the amount of power injected by generators and with the amount of electric power load demanded by consumers. These flows and losses are not known a priori. A particular challenge is accounting for losses (slack) experienced by a power system in order to deliver electricity across a distance. Given power system and component models, repeatable computations can be used to calculate the flows. Furthermore, the concept of generator domains and generator commons has been introduced and has been applied to attribute portions of the power system to specific generators based on the computed flows for high voltage transmission systems.[8] The domains and commons can then be applied to distribute the slack across, for example, multiple distributed generators.[9] These concepts were adapted for unbalanced distribution systems.[10] Generator domains and commons are dependent upon the locations of DER within the power system itself and the individual amounts of generation.

Notably, in realistic, unbalanced distribution systems, multi-phase DERs have different domains per phase. In other words, it has been shown that even though a DER

Laboratory, *Proc. 2017 IEEE PES General Meeting*, Chicago, IL, USA, 16-20 July 2017; N. S. Coleman, K. L. Ogawa, J. Hill, and K. N. Miu, "Reconfigurable Distribution Automation and Control Laboratory: Solar Microgrid Experiments," *IEEE Trans. on Power Systems*, Vol. 33, Iss. 6, Nov. 2018, pp. 6379 – 6386; K. Miu, J. de Oliveira, T. Halpin, M. Maris, D. Ezeh, T. Lakins, "Towards a Reconfigurable Platform for Studying Networked, Multi-Converter Power Systems", *Proc. of 2020 IEEE International Symposium on Circuits and Systems* (ISCAS), S. Korea, Oct. 10-21, 2020.

[8] D. Kirschen, R. Allan and G. Strbac, "Contribution of Individual Generators to Loads and Flows," *IEEE Trans. on Power Systems*, vol. 12, no.1, February 1997, pp 52-60.

[9] G. Strbac, D. Kirschen, S. Ahmed, "Allocating Transmission System Usage on the Basis of Traceable Contributions of Generators and Loads to Flows," *IEEE Trans. on Power Systems*, vol. 13, no. 2, May 1998, pp. 527-532.

[10] *See* note 5, *supra*, S. Tong and K. N. Miu, "A Network-Based Distributed Slack Bus Model for DGs in Unbalanced Power Flow Studies."

may be operated in a certain manner, *e.g.*, balanced, at its own interconnection point, its impact on the system as a whole is driven by the nature of the interconnected system of loads and DER. Thus, both electrically and topologically, understanding DER impacts requires detailed system knowledge.

With respect to distribution system planning and distribution energy management techniques for systems with DERs, my research works have included demonstrating new DER model impacts on distribution application techniques[11] and cost analysis.[12] Switch placement and control problems for improved system reliability metrics via islanding distributed generators to form self-sustaining microgrids in the case of outages have been addressed.[13] Online control of distributed capacitors and distributed batteries to maintain feasibility of distribution systems under injection (net load and generation) variation forecasts have also been formulated and studied.[14] In addition, the challenge of selecting time windows and the frequency of distribution automation and control that consider

[11] *See* note 6, *supra*, S. Tong, M. Kleinberg and K. Miu, "Distributed Slack Bus Model and Its Impacts on Distribution System Applications."

[12] S. Tong and K. N. Miu, "Slack Bus Modeling and Cost Analysis of Distributed Generator Installations," *ASCE Journal of Energy Engineering*, Vol. 133, Iss. 3, Sept. 2007, pp. 111-120.

[13] *See* note 6, *supra*, Y. Mao and K. N. Miu, "Switch Placement to Improve System Reliability for Radial Distribution Systems with Distributed Generation."

[14] *See* note 6, *supra*, N. S. Coleman and K. N. Miu, "Distribution Load Capability with Nodal Power Factor Constraints."

batteries were formulated and studied.[15] Also, the need for identifying control sequences that preserve feasible system operating conditions was addressed.[16]

Q. WHAT RESEARCH HAVE YOU PERFORMED SPECIFIC TO PPL ELECTRIC'S DISTRIBUTION SYSTEM, AND WHAT WERE YOUR FINDINGS?

A. As principal investigator of the Drexel University team for two Department of Energy projects led by PPL Electric, I performed detailed simulations of several actual PPL Electric distribution circuits. Resulting research on PPL Electric circuits included the studies with distributed energy storage mentioned above[17] as well as for the U.S. Department of Energy, ENERGISE: Keystone Solar Future Project, photovoltaic DER installations appearing in PPL Electric Exhibit KM-2 (HIGHLY CONFIDENTIAL).[18] Specifically, in PPL Electric Exhibit KM-2 (HIGHLY CONFIDENTIAL),[19] research studies focused on power flow and voltage impacts on PPL Electric circuits with and without existing photovoltaic DER installations. In addition, projected increases in

[15] *See* note 6, *supra*, N. S. Coleman and K. N. Miu, "Identification of Critical Times for Distribution System Time Series Analysis," IEEE Transactions on Power Systems, vol. 33, no. 2, pp. 1746-1754, Mar. 2018; N. S. Coleman, T. J. Halpin, and K. N. Miu, "Online Determination of Time Intervals for Statically Secure Distribution System Control."

[16] *See* note 6, *supra*, K. Miu Miller, N. Segal, "Electric Power Distribution Systems: Time-Window Selection and Feasible Control Sequence Methods for Advanced Distribution Automation."

[17] *See* note 6, *supra*, M. Kleinberg, K. Miu, N. Segal, H. Lehmann, T. Figura, "A partitioning method for distributed capacitor control of electric power distribution systems"; N. S. Coleman and K. N. Miu, "Distribution Load Capability with Nodal Power Factor Constraints."

[18] My understanding is that the Company is treating this exhibit as HIGHLY CONFIDENTIAL because it specifically provides the names and identification numbers of the circuits that were studied. Although I provide data about these circuits in my testimony, I do not specifically reference or provide their names or locations.

[19] A written report on the results presented in PPL Electric Exhibit KM-2 (HIGHLY CONFIDENTIAL) is attached as PPL Electric Exhibit KM-3 (HIGHLY CONFIDENTIAL).

photovoltaic installations were considered in both systematic and random fashions, to mimic independent, consumer driven adoption of solar energy systems.

Nine power distribution systems' circuit data was provided. Circuit data included electrical bus and node connections, representing possible electrical interconnection points to the distribution system. Circuit data also included electrical and topological information on the branches interconnecting the buses and nodes, such as series impedance and the bus and node information at each side of the branch. In such a manner, a graphical representation of the power distribution circuit can be constructed. Please note Figure 1 from PPL Electric Exhibit KM-2 (HIGHLY CONFIDENTIAL).

Finally, corresponding to each bus and node, circuit data included both electric power demand, *e.g.*, load and time-of-load data, and corresponding photovoltaic installation data, *e.g.*, maximum capacity and net (DER and load) power injected. Then, power injections attributed to the photovoltaic installations at a node were estimated based on the National Oceanic and Atmospheric Association ("NOAA") temperature and solar irradiance data. These power values change over time and, for example, with the seasons. Table 1 from PPL Electric Exhibit KM-2 (HIGHLY CONFIDENTIAL) shows five loading levels under consideration where the base loading level was stated as the average loading level experienced by the circuit.

Six of the nine distribution circuits were studied with and without the existing photovoltaic DER installations. Simulation studies were performed at different, seasonal power loads/demand and, for simulations with photovoltaic DERs, power injections for corresponding dates and times. PPL Electric Exhibit KM-2 (HIGHLY CONFIDENTIAL) provides focused results on one of those six distribution circuits. Results on the other five

circuits were qualitatively similar, but quantitatively different as each circuit consists of its own topology, different loads/consumers and, thus, different DER installations.

Overall, the DERs numbered in the single digits on each circuit that was studied. The photovoltaic installations themselves had power capacities varying in size and were distributed within the power distribution circuit across different, unequal phases. For example, as seen in Table 3 of PPL Electric Exhibit KM-2 (HIGHLY CONFIDENTIAL), the five photovoltaic installations and their corresponding active power generation represented approximately 6.4% of the base load.[20]

In another circuit, the solar power capacity of the installations varied from 5.2 megawatts across three-phases to 3.6 kilowatt on a single phase (a 1,444 times variation between total power capacity, and assuming a balanced three-phase injection, a 481 times variation on a single phase) with similar magnitude variations seen in corresponding active generation. Since DER installations are dependent upon customer adoption, the size and location of installations can vary; thus, quantitatively, each distribution system is impacted differently by DERs, and detailed knowledge of that system is needed.

The impacts of DER on the distribution system with and without photovoltaic installations were studied across a range of consumer demands (the five load profiles referenced above) for electric power in order to capture the natural, behavioral variations in power demand the distribution system experience. With a focus on the one particular distribution circuit referenced above, system level impact metrics included minimum and

[20] Please note that the five installations existed on different phases. Also, the solar power capacity of the installations, in this case, varied greatly such that the resulting active (experienced) injection varied by more than an order of magnitude (>10 times) (here, approximately 15 times).

maximum voltages experienced at any node in the system and real power loss (a measure of energy efficiency) for the base (average) loading case, which are shown without photovoltaics in Table 4 and with the existing photovoltaics in Table 5 of PPL Electric Exhibit KM-2 (HIGHLY CONFIDENTIAL). It is noted that total system losses were reduced by 8% and that the minimum voltage level was improved with the corresponding photovoltaic injections. From Table 8, it is also seen that the electric distribution system experienced measurable imbalance across phases, with and without PV installations. When adding DERs purposefully to certain phases on this distribution circuit, the voltage imbalance improved slightly. This result demonstrates that DERs can help improve voltage imbalances if they are managed intelligently on the distribution system, such as through PPL Electric's DER Management Plan and Second DER Management Plan.

In addition to studying the impacts of PPL Electric circuits with and without existing photovoltaics, research simulations have been performed to accommodate increases in the number and the power capacity of projected, new photovoltaic installations. Since individual consumer adoption behavior is not truly predictable, various locations and sizes of projected photovoltaic installations were systematically studied and allowed for randomness in location and/or sizing. An example of an increase in photovoltaic DER installations from five to 12 and the corresponding values are shown in Table 6 of PPL Electric Exhibit KM-2 (HIGHLY CONFIDENTIAL). It is noted, the methodology adopted to add seven installations purposely tried to improve the system voltage balance across the three phases, as outlined to the left of Table 6. Within this construct, the locations on each individual phase of the system were randomly selected, and the capacity was also randomly selected within a range. The subsequent results show

quantitatively expected reduction in real power loss, continued improvement in voltage profile, and improvement in imbalance metrics, as seen in Tables 7 and 8 of PPL Electric Exhibit KM-2 (HIGHLY CONFIDENTIAL).

However, I would like to note that different placements and sizing of additional DERs can and did increase the levels of voltage imbalance from the existing system, *e.g.*, non-guided placements of DERs may place new photovoltaics all on one phase and worsen voltage imbalance. Therefore, although the one particular circuit profiled in Tables 7 and 8 did show improvement in voltage imbalance from existing DERs, such a result certainly is not the case for all distribution circuits.

Through all of this research, I have found that even the then-existing DER levels measurably impacted voltage power quality at various individual nodes throughout the distribution system itself. In particular, DER injections are non-uniform across electrical phases. Therefore, core assumptions on balanced behavior of injections made in bulk power transmission systems and their energy management systems cannot capture the physical reality of DER installations at the distribution level. Yet, especially as DER adoption is expected to increase, capturing this physical reality is fundamental to determining safe control actions, especially in the case of electric service restoration in emergency circumstances to the public and to distribution personnel. In addition, under normal operating conditions, voltage power quality with respect to voltage levels and voltage balance are critical to energy efficiency of the power distribution system and to equipment safety controls of both utility-owned and customer owned devices[21]

[21] See note 6, *supra*, Z. Minter, J. Hill, J. de Oliveira, S. Hughes, K. Miu, "A Study of Imbalance Levels Attributed to Photovoltaic Penetration in Distribution Systems."

Q. SINCE THE TIME YOU SUBMITTED DIRECT TESTIMONY IN THE DER MANAGEMENT PLAN PROCEEDING, HAVE YOU PERFORMED ANY ADDITIONAL ANALYSES BASED ON THE COMPANY'S ACTUAL DATA FOR THESE CIRCUITS?

A. Yes. In 2024, I performed detailed simulations with revised system conditions of the same PPL Electric circuit highlighted in the PPL Electric Exhibit KM-2 (HIGHLY CONFIDENTIAL). The additional simulation results are presented in PPL Electric Exhibit KM-4 (HIGHLY CONFIDENTIAL).[22] Customer demand for electric power, represented as loads, changes with time. In addition, customer adoption of DERs also changes with time. Thus, the actual increase in DER installations since 2019 were represented and the experienced load levels at 2023 summer peak, 2024 winter peak and 2023 minimum loading were utilized in the analyses.

Multi-phase distribution analysis was applied to the system at each operating load level without and with the actual DER installations. Power flow analysis provides the fundamental analytical tool to compute system states (voltages) and other subsequent parameter values. Power flow simulations without DERs highlight the impact of actual system load changes on the circuits. Power flow simulations with the actual DER impacts show the impacts of both load and DER changes. Subsequent performance metrics of minimum and maximum system voltage and real power loss were tracked at each operating condition.

[22] A written report on the results presented in PPL Electric Exhibit KM-4 (HIGHLY CONFIDENTIAL) is attached as PPL Electric Exhibit KM-5 (HIGHLY CONFIDENTIAL).

In addition to power flow analysis, two types of control analyses were investigated for the circuit with the actual DER installations and at the two peak load levels. First, multi-phase capacitor control was performed on the system. Second, DER power factor inverter control was performed on the system.

Q. WHAT DID YOU FIND WHEN CONDUCTING THESE MORE RECENT ANALYSES?

A. The additional simulations consistently demonstrate that DER impacts on a distribution system change with the type of DER installations, their locations, and the system operating conditions. For example, minimum loading occurred at night where zero solar irradiance is available. For the circuit under study, the DER installations were pre-dominantly photovoltaic; thus, they did not impact distribution system voltages. Yet, analyses performed at summer peak and winter peak loading consistently demonstrated that DERs increased the number of overvoltage violations on the distribution system as compared to the same system at the same loading without DER. Please see Table 3 of PPL Electric Exhibit KM-4 (HIGHLY CONFIDENTIAL). In addition, the total system real power loss increased for each peak loading condition.

DER installations occur per individual customer adoption. Customers interconnect to the distribution system at and across distinct phases of the circuit. Thus, DER installations impact different phases of the circuit differently.

To address the increase in overvoltage violations for systems with DERs, voltage magnitude control studies were performed. These control studies targeted the specific

phasing of the voltage violations and demonstrated the effectiveness of individual phase control for capacitor banks and for DER installations.

It is noted that while single-phase capacitor control has been advocated in research literature, three-phase capacitor control is more common in utility practices. The circuit under study does have two single-phase capacitors with on/off control. Capacitor control scenarios of these two single-phase capacitors were shown to eliminate overvoltage violations at both peak loading conditions. Please see Table 4 of PPL Electric Exhibit KM-4 (HIGHLY CONFIDENTIAL). However, turning off both single-phase capacitors resulted in undervoltages and higher real power losses compared to just one.

The circuit under study has 26 DER installations, with 25 single-phase (12 phase A, 5 phase B and 8 phase C) and 1 three-phase. Thus, most DER inverters in this circuit naturally provide individual phase control. The inclusion of the 26 DERs increased the number of overvoltage violations for each peak load level. For summer peak load, the number of locations/nodes experiencing overvoltage violations increased by 52 nodes (a 58% increase) all on phase A. Twelve (12) DERs were installed on phase A. Actively managing the power factor setpoint of the 12 phase A DER inverters consistently removed the overvoltage violations, up to 46 locations. Similar observations were made for the winter peak loading conditions. Thus, active DER inverter management was shown to mitigate a significant number of overvoltage violations.

Q. DO YOU BELIEVE THAT PPL ELECTRIC MUST CONTINUE TO TAKE ACTION THROUGH ITS SECOND DER MANAGEMENT PLAN TO ADDRESS THE IMPACT OF DERS ON ITS DISTRIBUTION SYSTEM?

A. Yes. Based on my experience, education, and research, I have determined that it is critically important for PPL Electric to continue taking steps to monitor and manage the deployment of DERs on its electric distribution system.

Modern DERs interconnect to distribution systems via power electronic inverters, which locally sense and control DER characteristics such as voltage levels and power characteristics. PPL Electric's distribution systems already include DER deployments. State of the art planning, operation, and maintenance efforts in distribution systems include active voltage management for energy efficiency and power quality preservation,[23] and coordination and management of distribution protection and switchgear to support electric service restoration efforts in times of faults. The lack of monitoring and management of DER deployments introduces uncertainty into these efforts and challenges the efficacy of existing control schemes that support an electric utility's duty to provide safe and reliable electric service. Furthermore, this uncertainty increases with the amount of DER installments.

The steady adoption of DERs has physically changed net electric power flows and, in particular, power flow directions. Historically, under normal operating conditions, individual customers (residential, commercial, industrial) interconnected directly to power distribution system nodes and solely consumed net energy. Power was drawn from bulk

[23] N. Segal, M. Kleinberg, H. Lehman, T. Figura, K. Miu, "Analytically driven capacitor control for voltage spread reduction," *Proc. of the IEEE Transmission &Distribution Conference,* Orlando, FL, May 7-10, 2012.

high voltage transmission system (three phase) substations, disaggregated by the distribution system, and delivered to individual customers (single and multi-phase) – in a one-way flow of power. Moreover, for several reasons primarily related to safety, the majority of distribution systems are operated in a physically, radial manner – *i.e.*, no electrical loops exist, and there is only one electrically active path for electricity to travel from the substation, through the distribution system, to the customer. This is especially the case in above-ground, power distribution systems that are open-air and accessible to the public.

With DERs installed, the one-way flow of power has physically and dynamically changed to a two-way power flow depending on power system conditions. In addition, the frequency and the magnitude of these changes will increase with increased DER adoption. Several examples of such changes in power flows can be seen in distribution systems and have been documented in California[24] and Hawaii[25] and, more locally, have been recognized by PJM Interconnection LLC, which is Pennsylvania's regional transmission operator.[26] With respect to PPL Electric, based upon my research findings on actual PPL Electric circuits, it has been shown that even with low levels of photovoltaic DER penetration, bi-directional power flows are experienced. In addition, low levels of DER penetration consistently result in quantifiable changes in operating characteristics, such as

[24] P. Denholm, M. O'Connell, G. Brinkman, and J. Jorgenson, "Overgeneration from Solar Energy in California: A Field Guide to the Duck Chart," National Renewable Energy Laboratory. Nov. 2015.

[25] A. Hoke, J. Giraldez, et.al., "Setting the Smart Solar Standard," IEEE Power & Energy Magazine, vol. 16, no. 6, pp. 18-29. Nov. 2018.

[26] "Distributed Energy Resources: Technical Considerations for the Bulk Power System." Staff Report, Federal Energy Regulatory Commission, Feb. 2018.

nodal voltage levels and phase imbalance levels within the system. (*See* PPL Electric Exhibit KM-2 (HIGHLY CONFIDENTIAL).) These changes in nodal voltage levels increased with additional DER installations as shown in PPL Electric Exhibit KM-4 (HIGHLY CONFIDENTIAL), where the circuit under study had a more than 5 times increase in the number of DER from the same circuit in 2019 shown in PPL Electric Exhibit KM-2 (HIGHLY CONFIDENTIAL).

Thus, PPL Electric must continue to monitor and manage DER deployments in order to preserve power quality, reliability, and safety. All power delivery systems (transmission and distribution) are operated with some reserve generation and varying levels of spare power flow capacity in order to factor in historical power injection fluctuations. However, as more DERs are deployed, it is the distribution system and its distribution energy management system that bear the brunt of non-aggregated, physically differentiated (single and multi-phase) DER power injections.

In the case of faults, distribution operators must be able to remotely sense the power injection level of individual DERs. Institute of Electrical and Electronics Engineers ("IEEE") interconnection standards for distributed sources currently require disconnection in the presence of an electrical fault in the system.[27] Lack of communication between DER inverters and system operators create uncertainty in whether a DER is actually disconnected from the grid in faulted, emergency conditions. Thus, while historical fault isolation in one-way flow direction systems should have de-energized a faulted, affected area, with no knowledge of DER inverter status, it is possible the affected areas are still

[27] IEEE 1547-2018 - IEEE Standard for Interconnection and Interoperability of Distributed Energy Resources with Associated Electric Power Systems Interfaces, historical base standard 1547-2003.

energized. This poses safety risks to PPL Electric's personnel and the public. Furthermore, distribution operators who are unable to monitor and manage the deployment of DERs on their systems cannot dispatch distribution personnel as rapidly to repair the faults.

Moving forward, it is imperative that PPL Electric continue to monitor and manage the incoming DERs before even more significant levels of DER inverters lacking communications with distribution system operators are deployed. PPL Electric must continue to proactively address the inevitable increase of DERs within the Company's distribution systems in order to maintain power quality and system reliability levels. The issues are technically and economically important because the sooner they can be addressed, the clearer the requirements for electric utility investments and customer investments in DER deployments will be.

Q. DOES THIS CONCLUDE YOUR DIRECT TESTIMONY AT THIS TIME?

A. Yes, although I reserve the right to supplement my direct testimony.

PPL Electric Exhibit KM-1

KAREN MIU MILLER

Professor
Electrical and Computer Engineering Department
Drexel University
3141 Chestnut Street
Philadelphia, PA 19104

phone: 215.895.1466
fax: 215.895.1695
email: km42@drexel.edu

U.S. Citizen

EDUCATION

8/1998	Ph.D.	Cornell University, Ithaca NY *Dissertation Title*: "Some Contributions to the Analysis and Automation of Practical Distribution Networks" Advisor: H.-D. Chiang
1/1995	M.S.EE	Cornell University, Ithaca NY *Thesis Title*: "Capacitor Placement and Control in Unbalanced Distribution Systems By a GA-Based Two-Stage Algorithm" Advisor: H.-D. Chiang
1/1992	B.S.EE	Cornell University, Ithaca NY

EXPERIENCE

9/2011 – PRESENT	PROFESSOR	Drexel University, Philadelphia PA
3/2007 – 4/2007	VISITING RESEARCH PROFESSOR	The University of Hong Kong
1/2007 – 6/2007	VISITING RESEARCH PROFESSOR	Northeastern University, Boston MA
9/2004 – 8/2011	ASSOCIATE PROFESSOR	Drexel University, Philadelphia PA
9/1998 – 8/2004	ASSISTANT PROFESSOR	Drexel University, Philadelphia PA
6/1991 – 7/1998	RESEARCH ASSISTANT	Cornell University, Ithaca NY
5/1994 – 5/1997	TEACHING ASSISTANT	Cornell University, Ithaca NY

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CR-07.5 M. Kleinberg, K. Miu, C. Nwankpa, "Distributed Multi-Phase Distribution Power Flow," Proceedings of the 2007 Summer Computing Simulation Conference, San Diego, CA, July 2007.

CR-07.6 M. Kleinberg, K. Miu, C. Nwankpa, " A Study of Distribution Power Flow Analysis Using Physically Distributed Processors Power Systems Conference and Exposition, 2006. PSCE '06. 2006 IEEE PES Oct. 29 2006-Nov. 1 2006 Page(s):518 - 521

CR-06.1 M. Kleinberg, K. Miu; C. Nwankpa, "Radial Distribution Power Flow Studies in a Remotely Distributed Environment," Circuits and Systems, 2006. ISCAS 2006. Proceedings. 2006 IEEE International Symposium on 21-24 May 2006 Page(s):1219 - 1222

CR-06.2 S. Tong; K. Miu, "Participation Factor Studies for Distributed Slack Bus Models in Three-Phase Distribution Power Flow Analysis"; IEEE Power Engineering Society, 2005/2006 Transmission and Distribution Conference May 21-24, 2006 Page(s):92 – 96

CR-06.3 V. Cecchi, X. Yang, K. Miu, C. Nwankpa, "Instrumentation and Measurement of a Power Distribution System Laboratory for Meter Placement and Network Reconfiguration Studies," IMTC, April 2006.

CR-05.1 K. Miu, V. Ajjarapu, K. Butler-Purry, D. Niebur, C. Nwankpa, N. Schulz, A. Stankovic, "Testing of Shipboard Power Systems: A Case for Remote Testing and Measurement," Proceedings of the 2005 IEEE Electric Ship Technology Symposium, Philadelphia, PA, July 26-28, 2005.

CR-05.2 X. Yang, V. Cecchi, K. Miu and C. Nwankpa " Reconfigurable Distribution

Automation and Control Laboratory: A Network Reconfiguration Experiment for Load Balancing and Loss Reduction in Power Distribution Systems," *Proceedings of the 2005 ASEE Annual Meeting*, Portland, OR, June 12-16, 2005.

CR-05.3 S. Tong, M. Kleinberg and K. Miu, "Distributed Slack Bus Model and Its Impacts on Distribution System Applications" *Proceedings of the International Symposium on Circuits and Systems,* Kobe, Japan, May 23-26, 2005.

CR-05.4 S. Tong and K. Miu, "Distribution System Expansion Planning Using a GA-Based Algorithm" *Clemson University Power System Conference*, Clemson, SC, March 9-12, 2005.

CR-05.5 A. Golder, K. Miu, C. Nwankpa, S. Carullo, "Remote Power System Loading Experiments over the World Wide Web," *Proceedings of the 2006 North American Power Symposium*, Ames, IA, Oct. 23-25, 2005.

CR-04.1 Y. Mao and K. Miu, "Sizing and Switch Placement for Distribution Systems with DGs," *Clemson University Power System Conference*, Clemson, SC, March 2004.

CR-04.2 J. Wan and K. Miu, "Meter Placement for Load Estimation in Distribution Systems," *Proceedings of the International Symposium on Circuits and Systems*, Vancouver, CAN, May 23-25, 2004.

CR-04.3 X. Yang and K. Miu, "Thyristor Rectifier – PWM Inverter Model for Unbalanced Radial Power Flow Studies" *Proceedings of the IEEE Proceedings of the 2004 Power Engineering Society General Meeting*, Denver, CO, June 5-10, 2004.

CR-04.4 P. Wiesner, N. Schulz, M. J. Miller, K. Miu, " The Power and Energy Reference Guide: A Living Document for Selecting and Filtering Web-based Resources ," *Proceedings of the 2004 ASEE Annual Meeting*, Salt Lake City, UT, June 20-24, 2004.

CR-03.1 S. Tong and K. Miu, "A Participation Factor Model for Slack Buses in Distribution Systems with DGs," *Proceedings of the 2003 IEEE Power Engineering Society Transmission &Distribution Conference*, Dallas, TX, Sept. 7-10, 2003.

CR-03.2 K. Miu, C. Nwankpa, X. Yang, A. Madonna, "The Development of a Comprehensive Power Distribution System Curriculum," *Proceedings of the 2003 ASEE Annual Meeting*, Nashville, TN, June 21-25, 2003.

CR-03.3 S. Ayasun, R. Fischl, T. Chmielewski, S. Vallieu, K. Miu, C. Nwankpa, "Evaluation of the Static Performance of a Simulation-Stimulation Interface for Power Hardware in the Loop," *Proceedings of the 2003 PowerTech Conference*, Bologna, Italy, June, 2003.

CR-02.1 K. Miu, C. Nwankpa, X. Yang, A. Madonna, "Hardware Layout of a Reconfigurable Distribution Automation and Control Laboratory," *Proceedings of the 2002 ASEE Annual Meeting*, Montreal, CAN, June 18, 2002.

CR-02.2 J. Wan and K. N. Miu, "Zonal Load Estimation Studies in Radial Power Distribution Networks," *Proceedings of the 2002 IEEE International Symposium on Circuits and Systems*, Scottsdale, AZ, May 2002.

CR-02.3 J. Wan and K. N. Miu, "A WLS Load Estimation Method for Distribution Systems," *Proceedings of the 2002 IEEE Power Engineering Society Winter Meeting*, New York, NY, Feb. 2002.

CR-01.1 X. Yang, C. Bruni, D. Cheung, Y. Mao, G. Sokol, K. Miu, C. Nwankpa, "Setup of RDAC - A Reconfigurable Distribution Automation and Control Laboratory", *Proceedings of the IEEE Power Engineering Society Summer Meeting*, Vol. 3, Vancouver, CAN, July 2001, pp. 1524-1529.

CR-00.1 K. N. Miu and J. Wan "A Post-Processing Method for Determining the Control Sequence of Distribution Application Functions Formulated Using Discrete Load Levels," *Proceedings of the 2000 IEEE Power Engineering Society Summer Meeting*, Seattle, WA, July 2000.

CR-00.2 Y. Mao and K. N. Miu, "Radial Distribution System Short Circuit Analysis with Lateral and Load Equivalencing: Solution Algorithms and Numerical Results," *Proceedings of the 2000 IEEE Power Engineering Society Summer Meeting*, July 2000.

CR-00.3 J. Wan and K. Miu, "Load Estimation in Radial Distribution Systems Using Limited Measurements," *Proceedings of the 2000 International Symposium on Circuits and Systems*, Geneva, Switzerland, May 2000.

CR-99.1 R. Delp Jr., W. D. Bradley, S. J. Waller, J. Sauer, C. Kwoka, C. J. Dafis, T. Hover, W. Ruggeri, A. DiBartolo, C. Mason, K. Miu and R. Fischl, "An Educational Hardware and Software Platform for Sub-Transmission and Distribution Systems," *Proceedings of the 31st North American Power Symposium*, San Luis Obispo, CA, Oct. 10-12, 1999.

CR-99.2 K. N. Miu, and H.-D. Chiang, "Service Restoration for Unbalanced Radial Distribution Systems with Varying Loads: Solution Algorithm," *Proceedings of the 1999 IEEE Power Engineering Society Summer Meeting*, Edmonton, Canada, July 18-22, 1999, pp. 254-259.

CR-99.3 K. N. Miu, H-D. Chiang, R. J. McNulty, "Multi-tier Service Restoration Through Network Reconfiguration and Capacitor Control For Large-Scale Radial Distribution Networks," *Proceedings of the 1999 IEEE Power Industry Computer Application Conference*, San Jose, CA May 16-21, 1999.

CR-97.2 K. N. Miu and H. D. Chiang, "A Study of Electric Distribution Network Load Capability," IEEE International *Symposium on Circuits and Systems*, Hong Kong, June 9-12, 1997, Paper ID: 22071.

CR-96.1 K. N. Miu, H.-D. Chiang, B. Yuan and G. Darling, "Fast Constrained Service Restoration for Large-Scale Distribution Systems with Priority Customers," *Proceedings of the 28th North American Power Symposium*, Cambridge MA, Nov. 10-12, 1996, pp. 25-31.

(Conference – invited panel summary)

CPS-16.1 N. S. Coleman and K. N. Miu, "A Study of Fault Detection Thresholds under Stochastic Conditions Intrinsic to Power Distribution Systems," invited panel, *2016 IEEE PES General Meeting*: Stochastic Modeling and Analysis of Distribution Systems/Microgrids, Boston, MA, USA, 17-21 July 2016.

CPS-15.1 K. Miu, C. Nwankpa, D. Niebur, Power Distribution Systems: Educational Activities at Drexel, *2015 ASEE Annual Conference*, June 16, 2015

CPS-09.1 K. Miu, A. Deese, X. Yang, V. Cecchi, M. Kleinberg, C. Schegan, "Integrating Distribution Automation and Control Techniques Into Power System Curriculum," *Proc. of the 2009 IEEE Power & Energy Society General Meeting*, Calgary, Canada, July 26-30, 2009.

CPS-07.1 K. Miu, S. Carneiro, "Assessing Impacts of Distributed Generation on Distribution Systems Analysis Tools, *2007 IEEE PES General Meeting*, July 2007.

CPS-06.1 M. Kleinberg and K. Miu, "A Study of Distribution Power Flow Analysis Using Physically Distributed Processors," *2006 IEEE PES Power Systems Conference and Exposition, Atlanta*, GA,Oct. 28-Nov.1, 2006.

CPS-06.2 Representation of Multi-Frequency Power Systems, Karen Miu, Venkat Ajjarapu, Karen Butler-Purry, Dagmar Niebur, Chika Nwankpa, Noel Schulz, Alex Stanković, *2006 Electric Ship R&D Consortium Workshop*

CPS-05.1 C. Nwankpa, K. Miu and D. Niebur, "Power Hardware Laboratories at Drexel," *Proceedings of the 2005 IEEE Power Engineering Society General Meeting*, June, 12-16, 2005.

CPS-04.1 K. Miu, C. Nwankpa, D. Niebur, R. Stoicescu and X. Yang, "A General Approach to 3-Phase Converter Modeling for Unbalanced Power Systems," *Proceedings of the IEEE Proceedings of the 2004 Power Engineering Society General Meeting*, Denver, CO, June 5-10, 2004.

CPS-03.1 R. Zimmerman, H.-D. Chiang and K. N. Miu, "Transformer Modeling Using Line-to-Line Voltages," *Proceedings of the IEEE PES Transmission & Distribution Conference*, Dallas, TX, Sept 6-10, 2003.

CPS-03.2 K. Miu, K. Scoles and M. Bystrom, "Senior Design Projects at Drexel University – Focus on Power Engineering", *Proceedings of the IEEE Proceedings of the 2003 General Meeting*, Toronto, Canada, July13-17, 2003.

CPS-03.3 D. Niebur, H. Kwatny, C. Nwankpa and K. Miu, "ONR Funding at Drexel University", *Proceedings of the IEEE Proceedings of the 2003 General Meeting*, Toronto, Canada, July13-17, 2003.

CPS-02.1 K. Miu, C. Nwankpa, D. Niebur, R. Stoicescu, X. Yang, "3-Phase Converter Modeling for Unbalanced Radial Systems," *Proceedings of the IEEE Power Engineering Society Transmission & Distribution Conference Asia-Pacific*, Yokohama, Japan, Oct. 2002.

CPS-02.2 K. Miu and J. Wan, "Zonal Load Estimation Techniques," *Proceedings of the 2002 IEEE Power Engineering Society Winter Meeting*, Feb. 2002.

CPS-02.3 K. Miu and Y. Mao, "Network Equivalent Models for Short Circuit Analysis," *Proceedings of the 2002 IEEE Power Engineering Society Winter Meeting*, Feb. 2002.

CPS-01.1 C. Nwankpa, D. Niebur and K. Miu, "Power Engineering Education at Drexel," *Proceedings of the 2001 IEEE Power Engineering Society Winter Meeting*, Jan. 2001.

PATENT

United States Letters Patent No. 9,857,808 – C. Nwankpa, K. Miu Miller, J. Berardino, A. Steven, "Dynamic Load Modeling Of A Building's Energy Consumption For Demand Response Applicants." Jan. 2, 2018.

INVITED TALKS

6/6/2011 2011 Japan-America Frontiers of Engineering Symposium, Smart Grid Session, Integration of Smart Grid Enabling Technologies within Power Distribution Systems, Tsukuba, Japan.

7/21/2009 Emerging Power Distribution Systems, Electric Power Grid Technical Interchange Meeting, Lockheed Martin Corporation, Dallas, TX.

7/1/2009 Electric Power Distribution Systems: The First and Last Mile, Lockheed Martin Corporation – Corporate, Philadelphia, PA.

4/12/2007 Emerging Power Distribution Systems: Modeling, Analysis and Application Tools, University of Hong Kong, Hong Kong.

2/20/2007 Emerging Power Distribution Systems: Modeling, Analysis and Application Tools, Cornell University, Ithaca, NY.

2/2/2007 Modeling and Analysis of "Modern" Power Distribution Systems, Arizona State University, Tempe, AZ.

8/22/2006 2006 International Workshop on Sustainable Energy and Materials, Tokyo, Japan.

11/20/2003 – 11/22/2003 National Academy of Engineering, Japan-America Frontiers of Engineering Symposium, Irvine, CA.

11/6/2002 Office of Naval Research, AEPS Workshop, "3-Phase Converter Modeling for Unbalanced Radial Power Systems," Arlie, VA.

9/30/2002 Fuji Electric Corporate, "Modeling and Analysis of Emerging Distribution Systems," Tokyo, Japan.

4/16/2002 Villanova University, SWE Seminar – "Electrical Engineering - Graduate School and Academia," Villanova, PA.

3/1/2002 Iowa State University, Seminar – "Load Estimation for Unbalanced Distribution Systems," Ames, IA.

10/19/2000 IEEE Frontiers In Education 2000 – NSF CCLI Showcase "Hardware Design of a Reconfigurable Power Distribution Automation and Control Laboratory," Kansas City, MO.

5/1/2000 US Army War College, Center for Strategic Leadership – Information Warfare Issues, Carlisle, PA.

5/10/1999 US Army War College, Center for Strategic Leadership – Information Warfare Issues, Carlisle, PA.

3/4/1999 Drexel University, HKN Seminar - "Power Engineering – It's not just your local utility," Philadelphia, PA.

2/17/1999 US Army War College, Center for Strategic Leadership – Information Warfare Issues, Carlisle, PA.

2/24/1999 Department of Justice, FBI - NIPC Key Asset Program and Energy Sector Training, "Key Asset Protection – Electric Power Systems," Washington D.C.

2/25/1999 Department of Justice, FBI - NIPC Key Asset Program and Energy Sector Training, "SCADA Systems & Question/Answer," Washington D.C.

10/9/1998 Massachusetts Institute of Technology, LEES Seminar, Cambridge MA - "Some Analytical Results for Unbalanced Power Distribution Application Functions: Implications, Justification and Recommendations," Cambridge MA.

3/1998 Drexel University, ECE Seminar, "Recent Developments in Power Distribution System Analysis and Their Implication, Philadelphia, PA.

6/16/1997 Taipower Co, Seminar, "Service Restoration in Large-Scale, Radial Power Distribution Systems," Taipei, Taiwan.

5/30/1997 Zhe Jiang University, Electrical Engineering Department Seminar, "Service Restoration in Large-Scale, Radial Power Distribution Systems," Hangzhou, China.

GRANTS

Office of Naval Research (2022-2025)
PI – K. Miu, co-PI – J. de Oliveira
PEPDS: Energy Broadcast System: Multi-rate Analysis for Improved Situational Awareness (~$900K)

Office of Naval Research (2017-2022)
PI – K. Miu
Networked Multi-Converter Power System: Uncertainty Analysis: Formulation and Related Issues (~$700K)

US NAVY NEEC: NAVSEA (2017 – 2021)
PI – K. Miu, co-PI – J. de Oliveira
Networked Multi-Converter Power System: Instrumentation and Measurement (~$709K)

DOE/PPL ENERGISE (2017-2021)
PI – K. Miu, Co-PI – J. de Oliveira
Keystone Solar Future Project (~$403K)
Additional $50K, 2019

Office of Naval Research via Florida State University (2016-2018)
PI – K. Miu
Controls Framework for Shipboard Power Systems
SubAward ($70K)

National Science Foundation (2013-2018)
PI – K. Miu, co-PI – C. Nwankpa, J. de Oliveira, D. Niebur
TUES: Smart Power Distribution System Curriculum
Collaborative Proposal – Drexel (Lead), Cornell, TCNJ, UNCC, WSU
Total Sponsor Funding to Drexel: 259,114

Techno-Sciences Incorporated with US Navy (2012 – 2015)
PI – K. Miu, Co-PI – H. Kwatny
SBIR Stage 2 and Stage 2 Option: Load Leveling

Lockheed Martin (2010-2014)

PI – K. Miu, Co-PI – H. Kwatny, C. Nwankpa, J. DeOliviera
Understanding and Controlling Smart Power Delivery Systems
Total Sponsor Funding: $700,000, Total Project Funding: $700,000.

Techno-Sciences Incorporated with US Navy (2010 – 2010)
PI – K. Miu, Co-PI – H. Kwatny
Mixed Logic-Dynamics Controllers for Generation and Load Management in Smart Distribution Systems
Total Sponsor Funding: $15,001, Total Project Funding: $15,001.

PPL Electric Utilities with US Department of Energy (2010 – 2012)
PI – K. Miu
Smart Grid Investment Grant: Keystone Smart Distribution – (Enabling Technology Placement)
Total Sponsor Funding: $320,626, Total Project Funding: $369,730.

PECO Energy with US Department of Energy (2010 – 2012)
PI – C. Nwankpa, Co-PI – K. Miu (40%)
Smart Grid Investment Grant: Smart Future Greater Philadelphia
Total Sponsor Funding: $1,179,500, Total Project Funding: $1,773,972.

Office of Naval Research (2010-2013)
PI – C. Nwankpa, Co-PI – H. Kwatny, K. Miu (25%)
Control Limit Identification for Power Electronic Driven Power Systems
Total Sponsor Funding: $344,346, Total Project Funding: $442,604.

Office of Naval Research with University of South Carolina (2010-2013)
PI – C. Nwankpa, Co-PI – K. Miu (15%), N. Kandasamy, H. Sethu
Simulation Methods for Design of Networked Power Electronic and Information Systems
Total Sponsor Funding: $379,412, Total Project Funding: $490,878.

Viridity Energy (2009-2011)
PI – C. Nwankpa, Co-PI – K. Miu (30%)
Controllable Load Feasibility Study at Drexel University
Total Sponsor Funding: $95,084, Total Project Funding: $122,640.

National Science Foundation (2006-2009)
PI – C. Nwankpa, Co-PI – J. Johnson, P. Nagvajara, K. Miu
"Computation of Power System Dynamics Through Mixed-Signal VLSI Emulation"
Total Sponsor Funding: $220,000

Office of Naval Research (2004-2008)
PI – K. Miu, Co-PI – V. Ajjarapu, K. Butler-Purry, D. Niebur, C. Nwankpa, N. Schulz, A. Stankovic
MURI: Device Development for Remote, Non-Destructive Testing of Power Systems
Total Sponsor Funding: $2,854,157, Total Project Funding: $3,006,599.

Hydro One(2004-2005)
PI – K. Miu
Transmission Asset Planning Under Uncertainty
Total Sponsor Funding: $30,000, Total Project Funding: $30,000.

PJM (2004-2004)
PI – C. Nwankpa, Co-PI –P. Nagvajara, J. Johnson, K. Miu, D. Niebur
Parallel Computation Algorithms for State Estimation and Power Flow Calculations
Total Sponsor Funding: $40,000, Total Project Funding: $40,000.

Mary and Christian Lindback Foundation (2003-2004)
PI – K. Miu
Electric Service Restoration of Power Distribution Systems with Critical Loads
Total Sponsor Funding: $12,700, Total Project Funding: $25,400.

US Department of Energy (2003-2004)
PI – C. Nwankpa, Co-PI –P. Nagvajara, J. Johnson, K. Miu (10%), D. Niebur
Powergrid: A Computation Engine for Large-Scale Electric Networks
Total Sponsor Funding: $1,856,736, Drexel: $162,474, Total Project Funding: $2,019,210.

US Department of Energy (2002-2003)
PI – C. Nwankpa, Co-PI – K. Miu (10%), D. Niebur, P. Nagvajara, J. Johnson
Powergrid: A Computation Engine for Large-Scale Electric Networks
Total Sponsor Funding: $969,000, Total Project Funding: $1,064,024

Office of Naval Research (2001-2004)
ONR N00014-01-1-0760
PI – K. Miu
Young Investigator Program - Multi-Frequency Analysis of Large-Scale Systems
Total Sponsor Funding: $330,000, Total Project Funding: $441,000.

National Science Foundation (2000-2004)
NSF #9984692
PI – K. Miu
CAREER Electric Power Distribution Systems: Theory, Applications and Performance
Total Sponsor Funding: $200,000, Total Project Funding: $349,879.

REU Supplement (2002-2003)
Total Sponsor Funding: $12,000, Total Project Funding: $14,000.
REU Supplement (2003-2004)
Total Sponsor Funding: $12,000, Total Project Funding: $14,000.
Equipment Supplement (2003-2004)
Total Sponsor Funding: $10,000, Total Project Funding: $30,000.

F&H Applied Sciences, Inc. (2000-2002)
PI – K. Miu, Co-PI – C. Nwankpa

Application of IPSL Towards the Definition of a Simulation-Stimulation Interface
Total Sponsor Funding: $227,648, Total Project Funding: $227,648.

Office of Naval Research (2000-2001)
PI – K. Miu, Co-PI – C. Nwankpa
Definition of Hardware/Software Interface for Small-Scale Machinery R&D - Task 2
Total Sponsor Funding: $70,424, Total Project Funding: $70,424.

National Science Foundation (1999-2003)
NSF #995075
PI – K. Miu, Co-PI – C. Nwankpa, D. Niebur
Course, Curriculum, and Laboratory Improvement: Power Distribution Systems Curriculum
Total Sponsor Funding: $125,000, Total Project Funding: $323,712.

REU Supplement (2000-2001)
Total Sponsor Funding: $12,000, Total Project Funding: $14,000

TEACHING ACTIVITIES

Course Development
Developed a new graduate/senior level three-course sequence

— Power Distribution Systems I: Modeling and System Analysis

— Power Distribution Systems II: Distribution Automation and Control

— Power Distribution Systems III: Power and Service Quality

Co-developed a new senior level three-course sequence

— Energy & Control Systems I: Fundamentals of Power System Analysis

— Energy & Control Systems II: Fundamentals of Energy Control Systems

— Energy & Control Systems III: Advanced Control Systems

Laboratories Developed and In Progress
Reconfigurable Distribution Automation and Control Laboratory: Led Development of

— 36-bus, multi-phase 7.5KW multi-feeder power distribution system

— Embedded sensing and data acquisition instrumentation

— Embedded components required for automation and control functions

— Currently developing hardware/software educational laboratory modules.

Orthlip Systems and Control Laboratory: Co-developed the new Electrical and Computer Engineering Department's system and control laboratory (with Dr. P. Kalata)

Center for Electric Power Engineering (CEPE) research facilities: Co-designed the renovations (with Drs. C. Nwankpa and D. Niebur)

Matpower Software Laboratory and Course Project: Developed a software-based class project to supplement ECE-P412/502 Power Systems Analysis II

Senior Design Advisor (Select Examples)

2023-2024	ECE-33: Islanding in Power Distribution Systems for Power Outage Scenarios
2021-2022	ECE-12: Optimizing Power Distribution System Reliability with Inverter-Connected DER's
2017-2018	ECE-20: Power Restoration for Systems with Distributed Resources
2015-2016	ECE-18: The Effects of Distributed Energy Storage on a Power Distribution Grid
2013-2014	ECE-22: Integration and Analysis of Distributed Generation Resources in Micro-Grid Environments
2012-2013	ECE-20: Characterizing Disturbances in Smart Power Distribution Systems
2012-2013	ECE-28: Designing and Testing of an Energy Storage System
2012-2013	ECE-22: Analysis of Distributed Resources for Microgrids
2010-2011	ECE-11: Secure Distribution Energy Management System to Support Smart Grids
2010-2011	ECE-37: Small-Scale Wind Generation Systems for Residential Use
2005-2006	Project: Wavelet-based Fault Detection Algorithms
2005-2006	Project: Energy Management System for RDAC
2005-2006	Project: Adjustable Signal Conditioning. Boards for Power Measurements
2004-2005	Project: A Multi-purpose Inductive Device for Load and Fault Experiments – Awarded Top 6 Electrical and Computer Engineering Senior Design Project
2003-2004	Project: Optimal Placement of Distributed Generators – Awarded Top 5 Electrical and Computer Engineering Senior Design Project
2003-2004	Project: Optimal Polling of AMR for Load Estimation
2001-2002	Project: A Three-Phase Variable Frequency Inverter — Awarded Top 5 Electrical and Computer Engineering Senior Design Projects

1999-2000 Project: An Energy Management System for Electric Vehicles — Awarded Top 5 Electrical and Computer Engineering Senior Design Projects

1998-1999 Project: ARMED: Analysis and Restoration Model for Electric Distribution — Third Place in the Electrical and Computer Engineering Senior Design Competition and Honors at the College of Engineering Senior Design Competition, Drexel University (resulted in 1st place NAPS student paper prize)

Freshman Design Advisor

2005-2006 Project: Sizing Photovoltaic Systems

2004-2005 Project: Wireless Power Transfer (for handheld electronic devices)

2000-2001 Project: An Innovative Power Source Harnessing Wind and Wave Energy

1999-2000 Project: EnLIGHTenment of Drexel University - Redesigning Drexel's Outdoor Lighting System

1998-1999 Project: A Warm Night Sleeping When Camping - a Self-Heated Sleeping Bag

COURSES TAUGHT

Graduate

ECE-P641 Protective Relaying I

ECE-P612 Economic Operation of Power Systems

ECE-P601 Power Distribution Systems I: Modeling and System
ECE-P602 Power Distribution Systems II: Distribution Automation and Control
ECE-P603 Power Distribution Systems III: Power and Service Quality

ECE-P501 Power System Analysis I
ECE-P502 Power System Analysis II
ECE-P503 Power System Analysis III

ECEP803 Advanced Topics in Power Systems III – Numerical Analysis in Power Systems

Undergraduate

ECE-P421 Power Distribution Systems I: Modeling and System Analysis
ECE-P422 Power Distribution Systems II: Distribution Automation and Control
ECE-P423 Power Distribution Systems III: Power and Service Quality

ECE-S490 Energy and Control Systems I
ECE-S490 Energy and Control Systems II

ECE-P354	Energy Management Systems
ECE-P352	Motor Control Principles
ECE-P411	Power System Analysis I
ECE-P412	Power System Analysis II
ECE-P413	Power System Analysis III
ECE-L302	ECE Laboratory II (BJT, filters, power)
ECE-380	Fundamentals of Power and Energy
ECE-301	Circuits II (op-amps, RLC, power)
ECE-201	Circuits I (basic principles, analysis, RL)
TDEC221	Systems I
TDEC222	Systems II

Faculty and Course Evaluations

In general, a high percentage of students participated in evaluations for each class. Feedback has consistently ranged from good to excellent.

STUDENTS AND POST-DOCTORATES SUPERVISED

Ph.D. Advised and In Progress

Jie Wan	Nodal Load Estimation in Electric Power Distribution Systems (Sept. 2003)
Yiming Mao	Protection System Design in Power Distribution Systems with Distributed Resources (June 2005)
Xiaoguang Yang	Unbalanced Power Converter Modeling for AC/DC Power Distribution Systems (Dec. 2006)
Shiqiong Tong	Slack Bus Modeling for Distributed Generation and Its Impacts on Distribution System Analysis, Operation and Planning (Dec. 2006)
Valentina Cecchi	Temperature-Dependent Transmission Line Models for Electric Power Systems and Their Impacts on System Studies (Sept. 2010)
Michael Kleinberg	Online Optimization of Capacitor Switching in Electric Power Distribution Systems (June 2015)

Christian Schegan	Non-Destructive, Remote Testing of Physically Distributed Power Systems: Modeling, Analysis and Experimental Prototyping (Sept 2015)
Nicole Segal	Realizable Constraint Driven Capacitor Placement and Control Sequences for Voltage Spread Reduction in Distribution Systems (Sept 2015)
Sachi Jayasuriya	Modeling and Analysis of Information-Embedded Power Electronic Converter Systems (June 2017)
Nicholas Coleman	Online Analysis and Control of Electric Power Distribution Systems," (June 2018) (recognized as the 2018 Drexel University Outstanding Dissertation Award)
Mohammed Muthalib	An Electrical-Thermal Circuit Framework for Utilizing Buildings as Controllable Power System Loads (June 2018)
Jesse Hill	(expected 2021)
Tiffany Lakins	(expected 2021)
Shaun Cruz	(expected 2022)
Zachary Minter	(expected 2022)
Keith Zuckerman	(expected 2023)

M.S. Advised and In Progress

Razvan Stoicescu	Three-Phase Converter Model for Power Distribution Systems (June 2000)
Andrew Golder	Photovoltaic generator modeling for large scale distribution system studies (Dec. 2006)
Michael Kleinberg	(March 2007)
Valentina Cecchi	(March 2008)
Christian Schegan	(Aug. 2007)
Nicole Segal	(Aug. 2007)
Nicholas Coleman	(June 2013)
Uthara Reji	Load Frequency Control in Shipboard Power Systems: Design and Simulation (co-adv: H. Kwatny) (June 2015)
Edwin John	Experimental Testbed for Load Control on an AC/DC Microgrid (Sept. 2017)
Zachary Minter	Jan. 2019
Thomas Halpin	Nov. 2019

Undergraduate Research Assistants

Over 25 UG RA (typically employing 1-2 per academic year of service)

Graduate Student Committee Membership

Over 20	Ph.D. Committees
Over 20	M.S. Committees

Postdoctorate –Status

1. A. Deese (2009 – 2010) *Present Status:* Associate Professor, Department Head, The College of NJ – Trenton
2. J. Wan (2003) *Present Status:* GE-Alstom, Redmond, WA.

HONORS AND AWARDS

2007 IEEE Power Engineering Society, Power Engineering Education Committee – Best Paper Award [RJ16]

2007 IEEE Power Engineering Society Walter Fee Outstanding Young Electrical Engineer Award

2005 Eta Kappa Nu Outstanding Young Electrical and Computer Engineer Award

2005/2006 IEEE Drexel Best Electrical Engineering Teacher Award

2003 Drexel University, Department of Electrical and Computer Engineering – Research Award

2003 Eta Kappa Nu Outstanding Young Electrical Engineer – Honorable Mention

2001 Eta Kappa Nu Outstanding Young Electrical Engineer - Finalist

2001 Office of Naval Research Young Investigator Award

2001 IEEE Power Engineering Education Committee – Technical Committee Working Group Award

2001 IEEE Power Engineering Society – Outstanding Technical Report Award

2000 National Science Foundation CAREER Award

1999 North American Power Symposium Best Student Paper Contest - First Place (advisor/co-author)

1996 Liu Memorial Award - Cornell University

1996 North American Power Symposium Best Student Paper Contest - Third Place

SERVICE TO DREXEL UNIVERSITY

Member (academic committees, typically rotating every 3 years, unless noted)

ECE Promotion Committee – Member	(2019-2020)
ECE Tenure and Promotion Committee – Chair	(2017-2018)
ECE Promotion and Recognition Committee – Chair	(2014-2017)
ECE Tenure and Promotion Committee – member	(2009-2010)
ECE Senior Design Committee	(2002-2018)
ECE Graduate Affairs Committee	(2008-2011)
ECE Undergraduate Committee	(1999-rotated to 2018)
ECE ABET, Accrediation Committee	(2000-2002, 2005-2007, 2016-2018)
External Member of Tenure and Promotion Committees	(multiple)
College of Engineering (CoE) – Tenure and Promotion Committee	(2020-ongoing)
College of Engineering (CoE) – Tenure and Promotion Policy	(2015-2016)
College of Engineering (CoE) – Department Head Search Committees	(twice)
College of Engineering (CoE) – Dean's Advisory Committee	(2009-2010)
Drexel University – Provost's Tenure & Promotion Review Committee	(to begin 2020)
Drexel University – Director Review Committee	(once)
Drexel University – Awards Committee	(twice)
Drexel University – Multicultural Diversity Committee	(2002-2005)

Advisor

2004 – 2006	SWE – Drexel Student Chapter Technical Advisor
2002 – 2003	HKN – Drexel Chapter co-advisor
2000 – 2002	HKN - Drexel Chapter advisor

Participant

Drexel University Open Houses (recruitment events, lab tours, etc.)	2-4 times/year
College of Engineering - Summer Engineering Camps (9-12th graders)	multiple years
IEEE Info. Sessions: Academic Track Forums (Drexel community)	2 times/year
College of Engineering – Outreach Programs (7-11th graders)	3-4 times/year
Women in Engineering Outreach Events	once/year

Scholar's Day (prospective student interviews) 3 times

PROFESSIONAL ACTIVITIES

Editorial

Editor – IEEE Transactions on Power Systems 2007 - 2010

Associate Editor – IEEE Transactions on Circuits and Systems I: Regular Papers
Formerly: Fundamental Theory and Applications 1/2007 – 12/2009

Reviewer – IEEE Transactions on Power Systems, IEEE Transactions on Power Delivery, IEEE Power & Energy Society Letters, IEEE Proceedings, IEEE Transactions on Education, IEEE Transactions on Signal Processing, IEEE Circuits and Systems Society International Symposium on Circuits and Systems, ASEE Proceedings, PSCC Power System Computational Conference, North American Power Symposium

Member

Institute of Electrical and Electronic Engineers (IEEE), 1994-present

American Society of Engineering Education (ASEE), 1998-2015

Society of Women Engineers (SWE), 1996-2010

IEEE Power Engineering Society

— WiE Liason (PES) (2006 – 2008)

— AMPS – Formerly Power System Analysis, Computing and Economics (PSACE)
Distribution System Analysis Subcommittee (chair: 2006 – 2007, vice-chair 2001-2006)

— Power Engineering Education Committee
Power Engineering Career Promotion Subcommittee (chair 2001 - 2003, vice-chair 1999-2001)

— Transmission and Distribution Committee
Data Requirements for Distribution Systems Subcommittee

IEEE Circuit and Systems Society Committee:

— Power System and Power Electronics Technical Committee (past-chair, chair – 2005-2006, chair-elect - 2004-2005, secretary 2001- 2004)

Proposal Reviewer

National Science Foundation multiple times, different programs
International proposal foundations (Hong Kong)

Manuscript Reviewer

Participated in manuscript review for several international journals and conferences, these include:

IEEE Transactions on Power Systems

IEEE Transactions on Power Delivery

IEEE Transactions on Signal Processing

IEEE International Symposium on Circuits and Systems

Journal of Electric Power and Energy Systems

ASEE Proceedings

PSCC Power System Computational Conference

North American Power Symposium

Conference Organization

2017 ONR Control Group Workshop, Philadelphia PA 19104, August 2017.

2007 IEEE Power Engineering Society General Meeting, Tampa FL, PSACE Technical Chair Program Committee – Distribution System Analysis Sub-chair

2007 IEEE Circuits and Systems Society, International Symposium on Circuits and Systems, New Orleans, LA Technical Program Co-Chair for Power Systems & Power Electronics

2006 IEEE Circuits and Systems Society, International Symposium on Circuits and Systems, Kos, Greece, Technical Program Co-Chair for Power Systems & Power Electronics

2006 SWE Region E Conference, Philadelphia, PA, Drexel Faculty Host & Conference Organizer

2005 IEEE Power Engineering Society, Transmission and Distribution Conference, New Orleans LA/Dallas TX, PSACE Technical Chair Program Committee – Chair

Session Chairperson

7/2008	IEEE PES General Meeting, PES/WIE Reception, Chair
6/2007	IEEE Power Engineering Society, Panel Session, 2007 IEEE PES General Meeting, "Modeling and Analysis of AC/DC Distribution Systems" to occur.
11/1/2006	IEEE Power Engineering Society, Panel Session, 2006 IEEE Power Systems Conference and Exposition, "Current Topics in Distribution System Analysis II," Nov.1, 2006.

5/2006	IEEE Circuits and Systems Society, Poster Session, "Power Systems I," Kos, Greece.
6/2005	IEEE Power Engineering Society, Panel Session, 2005 IEEE General Meeting, "Advanced Models for Distribution System Analysis."
7/16/2003	IEEE Power Engineering Society, Panel Session: Future Power Engineering Professor, 2003 IEEE PES General Meeting, Toronto, CAN
10/15/2002	NAPS North American Power Symposium, Paper Session, Tempe, AZ
10/10/2002	IEEE Transmission and Distribution: Panel Session: Distribution Automation, Asia Pacific, Yokohama, Japan
10/2001	NAPS North American Power Symposium, Paper Session, College Station, TX
7/15/2001	IEEE Power Engineering Society, Panel Session: Challenges in Distribution System Analysis, 2001 IEEE PES Summer Meeting, Vancouver, CAN
6/25/2001	ASEE Annual Meeting, Energy Conversion and Conservation Division, Paper Session: Energy Programs and Software Tools, Albequerque NM
7/20/2000	IEEE Power Engineering Society Summer Meeting, Panel Session: Intelligent Systems Application in Distribution Systems, IEEE PES Summer Power Meeting, Seattle WA
1/2001	Organized a two-day ONR/F&H/NSWC/Drexel Training Workshop for VTB – Virtual Test Bed (20 people in attendance)
1/2001	Organized a two-day ONR/F&H/NSWC/Drexel Seminar on dynamic modeling of ship electrical systems (18 people in attendance)

Invited Panelist

Participated as an invited panelist in several symposiums, conferences and meetings, these include (see also CPS above, here no summary):

3/2014	2014 EAPA - Transmission and Distribution Meeting, "On Measurements' Role in Supporting Capacitor Control," Grantville, PA.
9/2012	2012 Energy Association of PA Meeting, "Practically Driven, Analytically Based Capacitor Control Methods," - Lancaster, PA,
5/2012	2012 IEEE T&D Panel Presentation, Orlando, FL

7/2011	2011 IEEE PES General Meeting Smart Grid Supersession: Analytics and Integration

PROFESSIONAL DEVELOPMENT ACTIVITIES

2/2010	Attendee – NSF Dissemination of Educational Innovations Workshop, Arlington, VA, Feb 18-19
6/2004	Attendee – NSF PAESMEM/Stanford Workshop, Mentoring for Academic Careers in Engineering, Palo Alto CA
7/2003	NSF Workshop – Power Electronics, Minneapolis, MN, July 10-12
11/2002	ONR AEPS Workshop, Arlie, VA, Nov. 5-7
6/17/2002	EC2000 ABET Evaluator Training Workshop, St. Louis MO
6/2000	Teaching Portfolio Workshop, Philadelphia PA, June 12-15
3/2000	Gateway-Succeed Coalition, Greensboro, NC, March 27-28
11/2000	NSF/DOE/EPRI Workshop on Critical Infrastructure
1/2001	ONR/F&H/NSWC/Drexel Workshop: VTB – Virtual Test Bed
1/2001	ONR/F&H/NSWC/Drexel Workshop: Dynamic Machine Modeling through Object Oriented Modules

PPL Electric Exhibit KM-2

HIGHLY CONFIDENTIAL

PPL Electric Exhibit KM-3

HIGHLY CONFIDENTIAL

PPL Electric Exhibit KM-4

HIGHLY CONFIDENTIAL

PPL Electric Exhibit KM-5

HIGHLY CONFIDENTIAL

BEFORE THE
PENNSYLVANIA PUBLIC UTILITY COMMISSION

Petition of PPL Electric Utilities Corporation	:	
for Approval of its Second Distributed Energy	:	Docket No. P-2024-_____
Resources Management Plan	:	

DIRECT TESTIMONY OF
KEVIN UNDERWOOD

PPL Electric Statement No. 9

May 20, 2024

Q. PLEASE STATE YOUR NAME AND BUSINESS ADDRESS.

A. My name is Kevin Underwood, and my business address is 645 Hamilton Street, Suite 300, Allentown, PA 18101.

Q. BY WHOM ARE YOU EMPLOYED AND IN WHAT CAPACITY?

A. I have been employed by PPL Services Corporation as a Principal Cybersecurity Architect since 2021.

Q. WHAT ARE YOUR DUTIES AS PRINCIPAL CYBERSECURITY ARCHITECT?

A. I am responsible for the cybersecurity architecture of energy and natural gas critical infrastructure.

Q. WHAT IS YOUR EDUCATIONAL BACKGROUND?

A. I hold a Bachelor of Science degree in Computer Science and Engineering from The University of Toledo and a Master of Engineering degree in Computer Engineering from The University of Cincinnati. My certifications include Certified Information Systems Security Professional (CISSP #414567).

Q. PLEASE DESCRIBE YOUR PROFESSIONAL EXPERIENCE.

A. I have over 17 years' experience within the utility, energy, oil & gas, and government industry focused on information security protecting critical infrastructure. Prior to PPL Electric, I worked at Dragos, GE Power (GE Verona), Securicon, and as a civilian employee of The United States Air Force. Throughout my career, I have led multiple

cybersecurity penetration tests as a consultant, deployed and supported intelligence and threat-based network detection for critical infrastructure, and designed and architected secure vendor remote access to power generation plants.

Q. HAVE YOU PREVIOUSLY TESTIFIED AS A WITNESS BEFORE THE PENNSYLVANIA PUBLIC UTILITY COMMISSION ("COMMISSION")?

A. No.

Q. WOULD YOU PLEASE DESCRIBE THE SUBJECT MATTER OF YOUR TESTIMONY?

A. My testimony will address the cybersecurity architecture related to PPL Electric Utilities Corporation's ("PPL Electric" or the "Company") Second DER Management Plan.

Q. ARE YOU SPONSORING ANY EXHIBITS WITH YOUR TESTIMONY?

A. No.

A. CYBERSECURITY PRACTICES AND PROTOCOLS

Q. WOULD YOU PLEASE EXPLAIN YOUR UNDERSTANDING OF THE COMPANY'S SECOND DER MANAGEMENT PLAN, WITH PARTICULAR FOCUS ON THE COMMUNICATIONS DEVICES INVOLVED?

A. Yes. My understanding is that under the Company's Second DER Management Plan, PPL Electric would require Distributed Energy Resources ("DERs") to be interconnected with the Company's distribution management system so that the Company can adjust the

operating parameters of the DER to better maintain grid stability. The communications will utilize either a Radio Frequency ("RF") Mesh or a cellular network radio.

Q. ARE YOU FAMILIAR WITH THE COMPANY'S RF MESH NETWORK THAT IS USED UNDER THE FIRST COMMUNICATION METHOD?

A. Yes. The RF Mesh environment consists of radios that transmit and receive on the 900 MHz Industrial, Scientific, and Medical ("ISM") bands. This RF Mesh system is a network that can be used to connect the Company's metering system to the DER. All network communication across the RF Mesh is encrypted. In July and September of 2019, Revolutionary Security's Operational Technology Security team performed security testing that encompassed the 900 MHz radios, the RF Mesh environment, the DER and smart inverter, and the cellular modems used as another communication medium between the Distribution Energy Resource Management System ("DERMS"), the DERMS software, and the DER. This security testing involved discovery workshops, vulnerability assessment, and penetration testing simulating different adversarial approaches. These approaches were based on the amount of knowledge and inside information (credentials, manuals, detailed system documentation) available to the testing team. The testing simulated an attack by an adversary with zero knowledge of the environment and an adversary with insider knowledge about the applications and infrastructure.

Q. WOULD YOU PLEASE EXPLAIN THE CYBERSECURITY PRACTICES AND PROTOCOLS THAT THE COMPANY HAS DEVELOPED TO HELP PROTECT AGAINST THE UNAUTHORIZED DISCLOSURE OF INFORMATION TRANSMITTED ON THE RF MESH NETWORK?

A. The RF Mesh connection between the DER Management device and the Company's metering head-end system is protected by Advanced Encryption Standard ("AES") encryption with unique strong credentials. Encryption keys are unique to each radio, which prevents interception or unauthorized disclosure of the information that is carried across the RF Mesh network. Access to the RF Mesh network is restricted by multiple access control devices that prevent unauthorized usage. The cybersecurity best practices of network segmentation,[1] defense-in-depth,[2] and least privilege[3] are reflected in the RF Mesh network design and interconnections.

Q. FROM YOUR PERSPECTIVE, DOES THE USE OF THE COMPANY'S RF MESH SYSTEM RAISE ANY CYBERSECURITY CONCERNS?

A. No. The protections built into the Company's RF Mesh network are explicitly designed to prevent unauthorized use and access. The RF Mesh network is monitored by technologies that will alert on attempts to bypass security protections. It is part of the Company's

[1] Network segmentation is the practice of separating systems with different function, capability, or security characteristics by restricting communication between different networks. *See* https://nvlpubs.nist.gov/nistpubs/Legacy/SP/nistspecialpublication800-39.pdf - Page 19.

[2] Defense-in-depth uses layers of differing security controls to increase the capability of stopping or reducing the impact of attackers. *See* https://csrc.nist.gov/glossary/term/defense_in_depth.

[3] Least privilege only grants the minimum amount of access necessary to perform a task, and not excessive or unnecessary permissions. *See* https://csrc.nist.gov/glossary/term/least-privilege.

policies and procedures to regularly scan and test that the security protections are operational and apply updates to maintain the cybersecurity posture.

Q. AS FOR THE SECOND OPTION USING A CELLULAR NETWORK, ARE YOU FAMILIAR WITH THE COMPANY'S CURRENT USE OF SUCH COMMUNICATION DEVICES ON ITS DISTRIBUTION SYSTEM?

A. Yes. The Company uses cellular modems that utilize a commercial network (Verizon or AT&T) with a private APN[4] to communicate from the DER to the Company's distribution management system. The communication protocol for the cellular network utilizes the IEEE 1547-2018 standard, which is a standard created by Institute of Electrical and Electronics Engineers ("IEEE") to enable utility management of the end user energy environment.

Q. WOULD YOU PLEASE EXPLAIN THE CYBERSECURITY PRACTICES AND PROTOCOLS THAT THE COMPANY HAS DEVELOPED TO HELP PROTECT AGAINST THE UNAUTHORIZED DISCLOSURE OF INFORMATION TRANSMITTED THROUGH CELLULAR DEVICES?

A. Like the RF Mesh network, the cybersecurity best practices of network segmentation, defense-in-depth, and least privilege are also reflected in the cellular modem implementation. Access to the cellular network is separated from other PPL Electric networks by using firewalls and other access control mechanisms that prevent use by

[4] Access Point Name (APN) is name of a gateway between a mobile device and another computer network.

unauthorized persons or applications. Distribution system information transmitted across the cellular network is protected by encryption and isolation provided by the cellular network and is used to prevent disclosure or modification of any information that crosses the network.

Q. FROM YOUR PERSPECTIVE, DOES THE USE OF CELLULAR DEVICES RAISE ANY CYBERSECURITY CONCERNS?

A. No, the use of cellular modems does not raise any cybersecurity concerns. Like the RF Mesh network, the protections built into the cellular modem and cellular network are explicitly designed to prevent unauthorized use and access. Access to the cellular network from the Company's network is monitored by technologies that will alert on attempts to bypass security protections. It is part of the Company's policies and procedures to regularly scan and test that the security protections are operational and apply updates to maintain the cybersecurity posture.

Q. UNDER EITHER THE RF MESH NETWORK OPTION OR THE CELLULAR NETWORK OPTION, CAN YOU EXPLAIN WHAT CUSTOMER DATA WILL BE TRANSMITTED FROM THE DERS TO PPL ELECTRIC?

A. Yes. Regardless of the communication option, customer data transmitted from the DER Management device includes a unique DER Management device ID, production data such as current, voltage, real and reactive power, smart inverter settings such as Constant Power Factor, Volt/VAR, and Remote On/Off.

Q. HOW WILL THE COMPANY PROTECT THAT CUSTOMER DATA AFTER IT HAS BEEN TRANSMITTED FROM THE DERS?

A. The Company considers the privacy of customers' information as a high priority. It has implemented systems that isolate and segregate customer information from environments that do not require that information. Additional authentication requirements and secured network transport is required to access systems that process and store customer information transmitted from the DERs. These systems are regularly scanned for cybersecurity vulnerabilities and configurations which may put the system integrity at risk. Issues discovered from these scans and tests are remediated commensurate with the criticality of the system. Information transmitted from DERs will be protected in the same manner from unauthorized use or disclosure. The protection mechanisms and regular scan and test requirements are aligned with the industry best practices for cybersecurity.

Q. DOES THE COMPANY CONTINUALLY ASSESS ITS SYSTEMS AND PRACTICES FOR POTENTIAL SECURITY GAPS AND ISSUES?

A. Yes. The Company regularly performs automated vulnerability assessments scans against their infrastructure that look for outdated system and application updates, misconfigurations of services, and the use of default or vendor provided credentials. The scans are part of a cybersecurity program that is equivalent or better than utility industry standards. The Company also utilizes third-party companies to perform independent testing of their systems to ensure that vulnerabilities are not overlooked and that their cybersecurity controls work as intended. The Company's cybersecurity program including vulnerability scans and third-party testing will continue after the Petition is approved.

Q. DOES THIS CONCLUDE YOUR DIRECT TESTIMONY AT THIS TIME?

A. Yes, although I reserve the right to supplement my direct testimony.